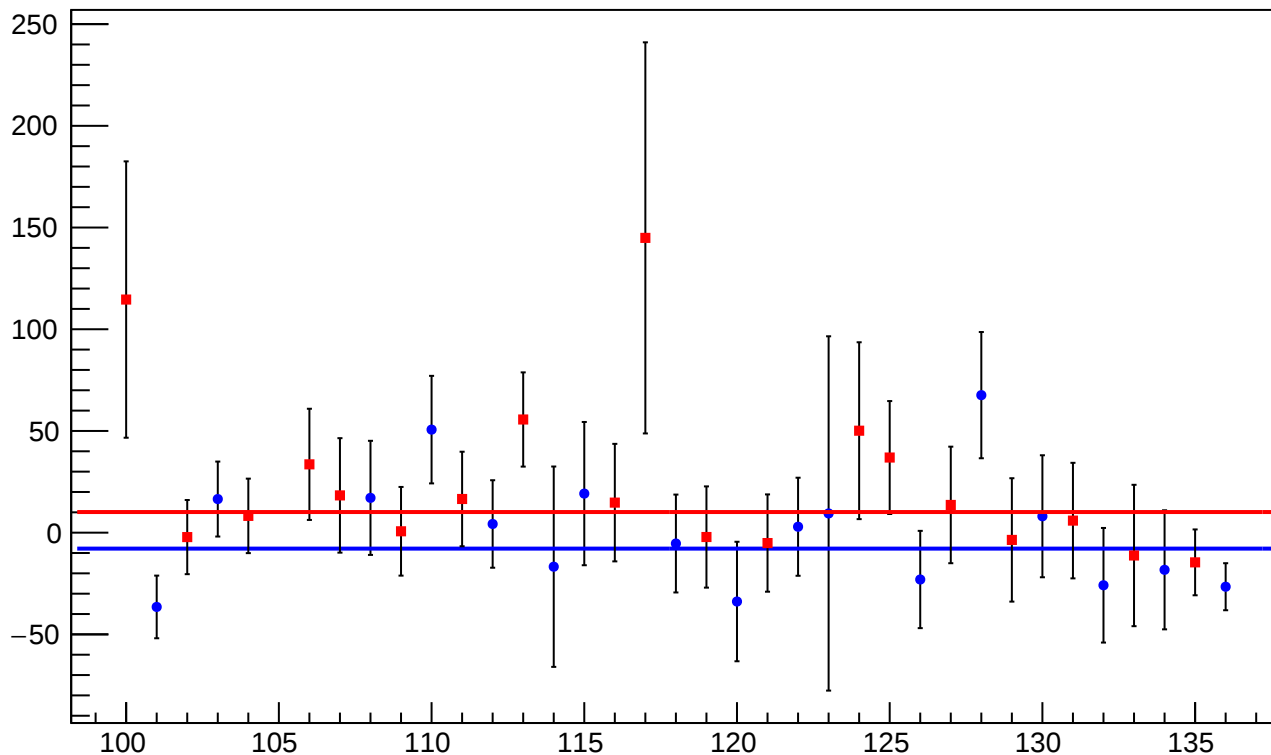


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.841+/-5.608

χ^2/NDF : 22.6/16

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

-7.841+/-5.608

χ^2/NDF : 22.6/16

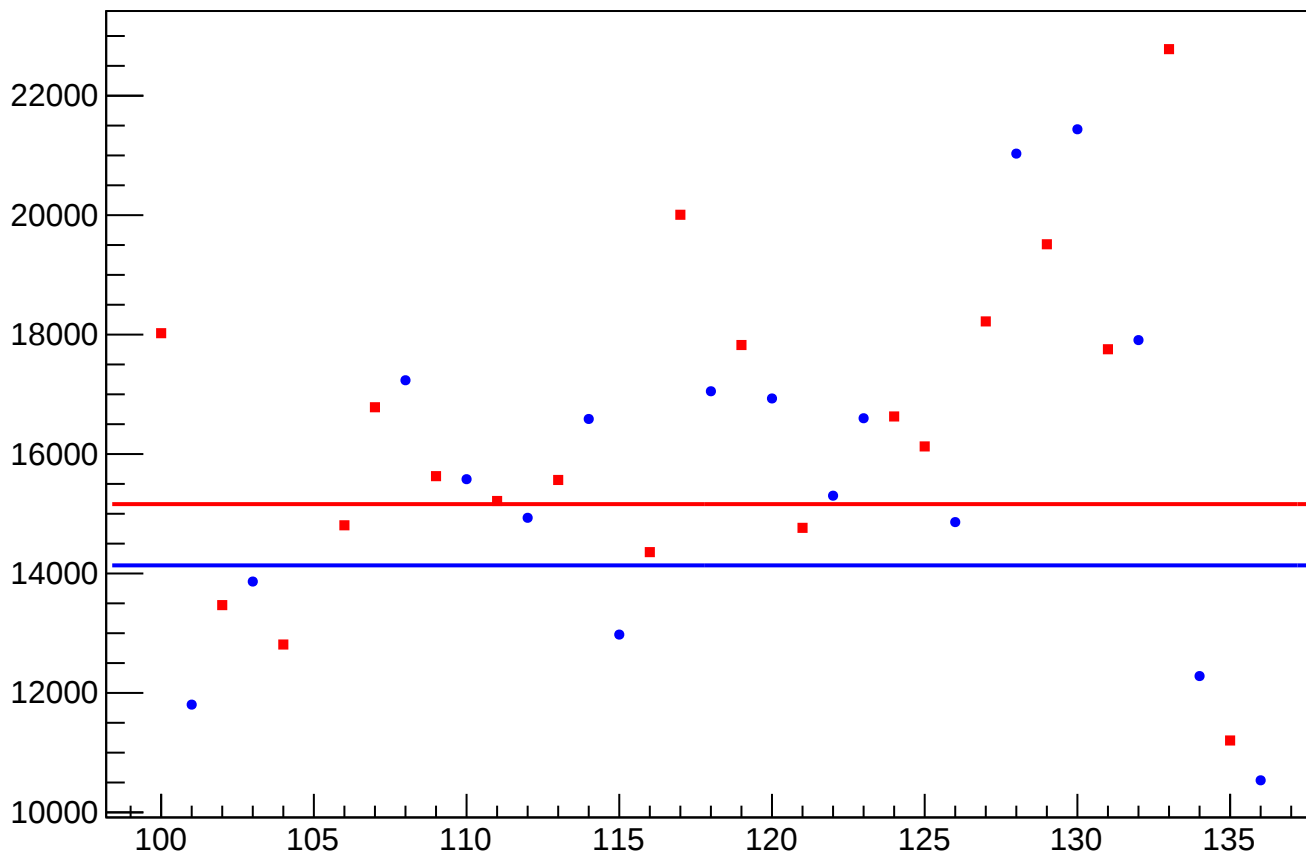
0.785+/-4.045

χ^2/NDF : 42.7/35

10.140+/-5.840

χ^2/NDF : 15.1/18

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14135.800+/-3.966 χ^2/NDF : 597179.4/16

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

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

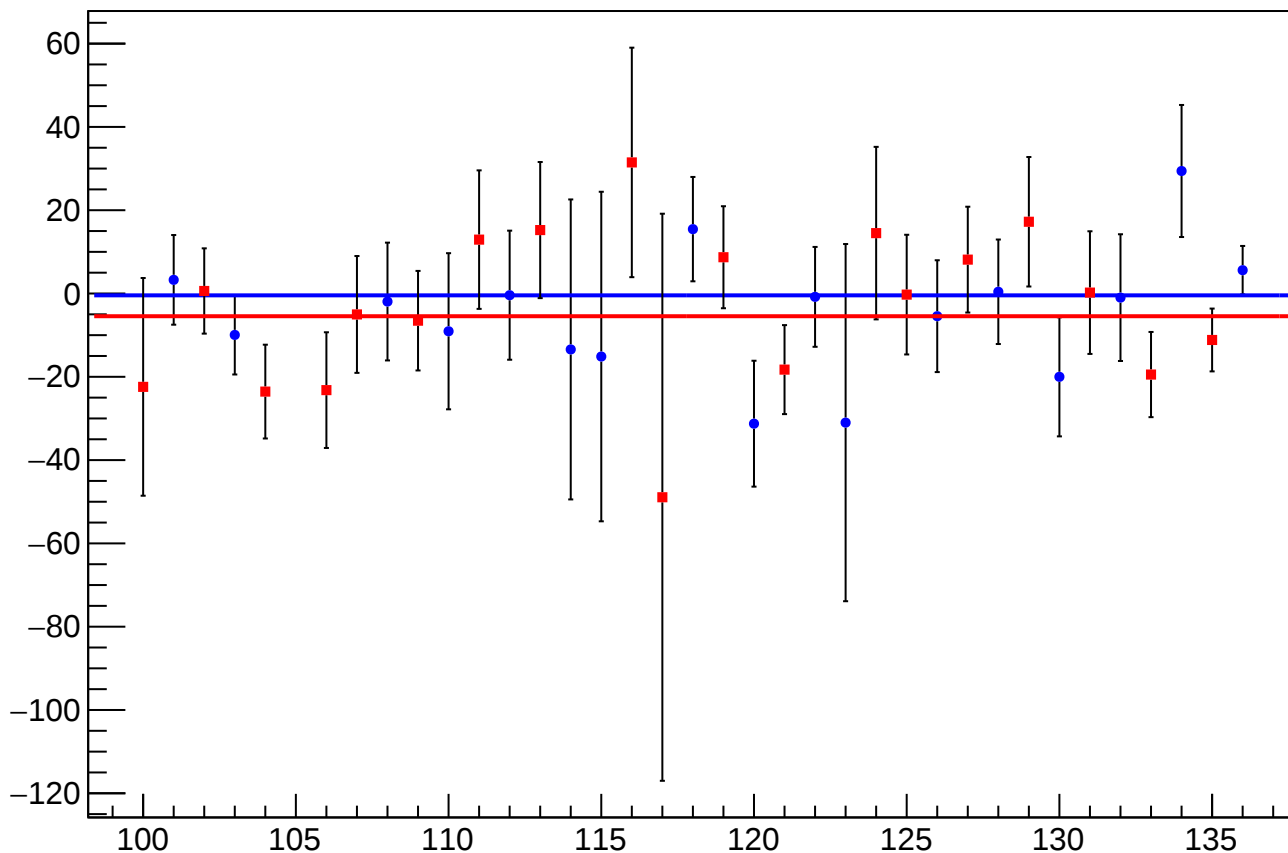
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14135.800+/-3.966 χ^2/NDF : 597179.4/16

14627.892+/-2.860 χ^2/NDF : 1022703.9/3

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

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -0.441+/-3.071 χ^2/NDF : 14.5/16

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

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

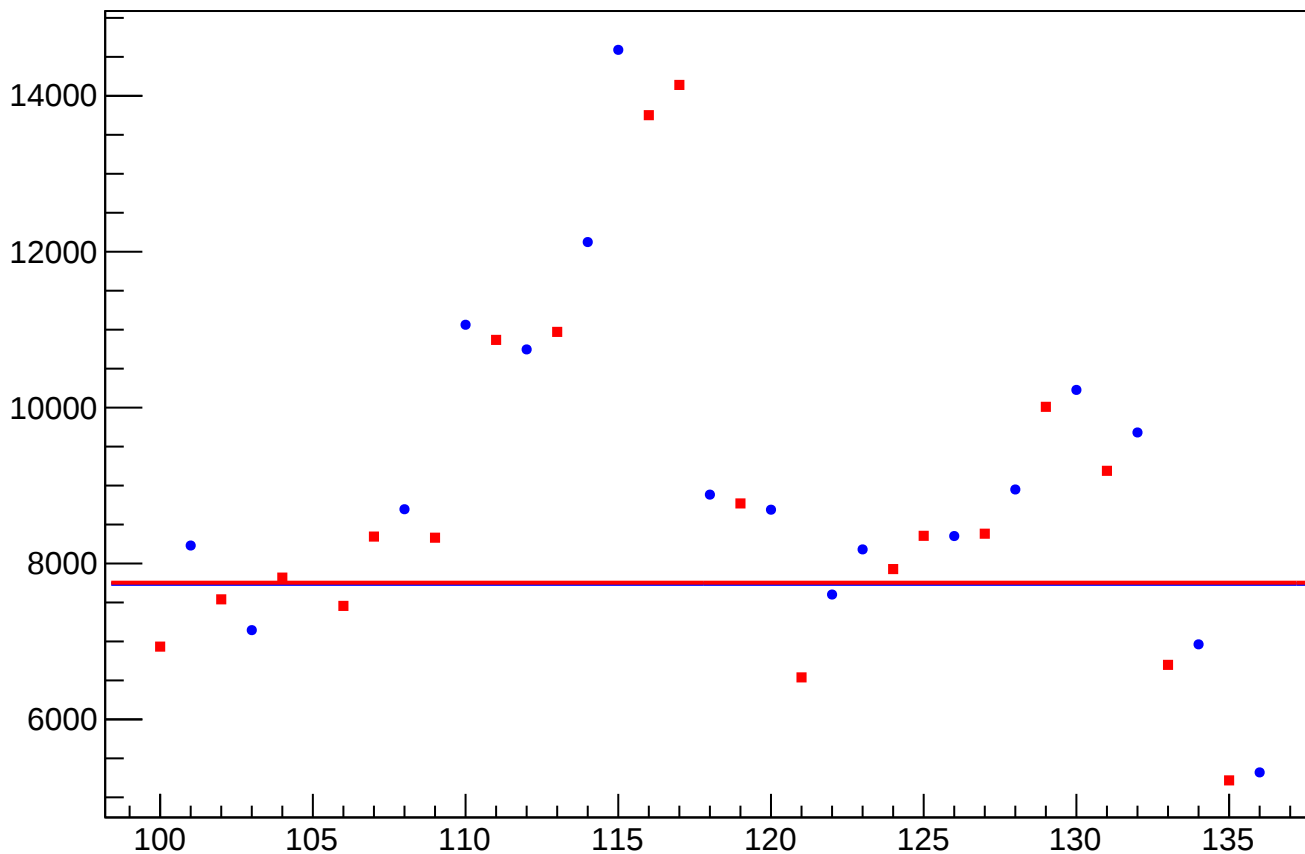
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.441+/-3.071 χ^2/NDF : 14.5/16

-2.990+/-2.153 χ^2/NDF : 35.6/35

-5.453+/-3.019 χ^2/NDF : 19.7/18

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7738.886+/-2.172 χ^2/NDF : 740836.7/16

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

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

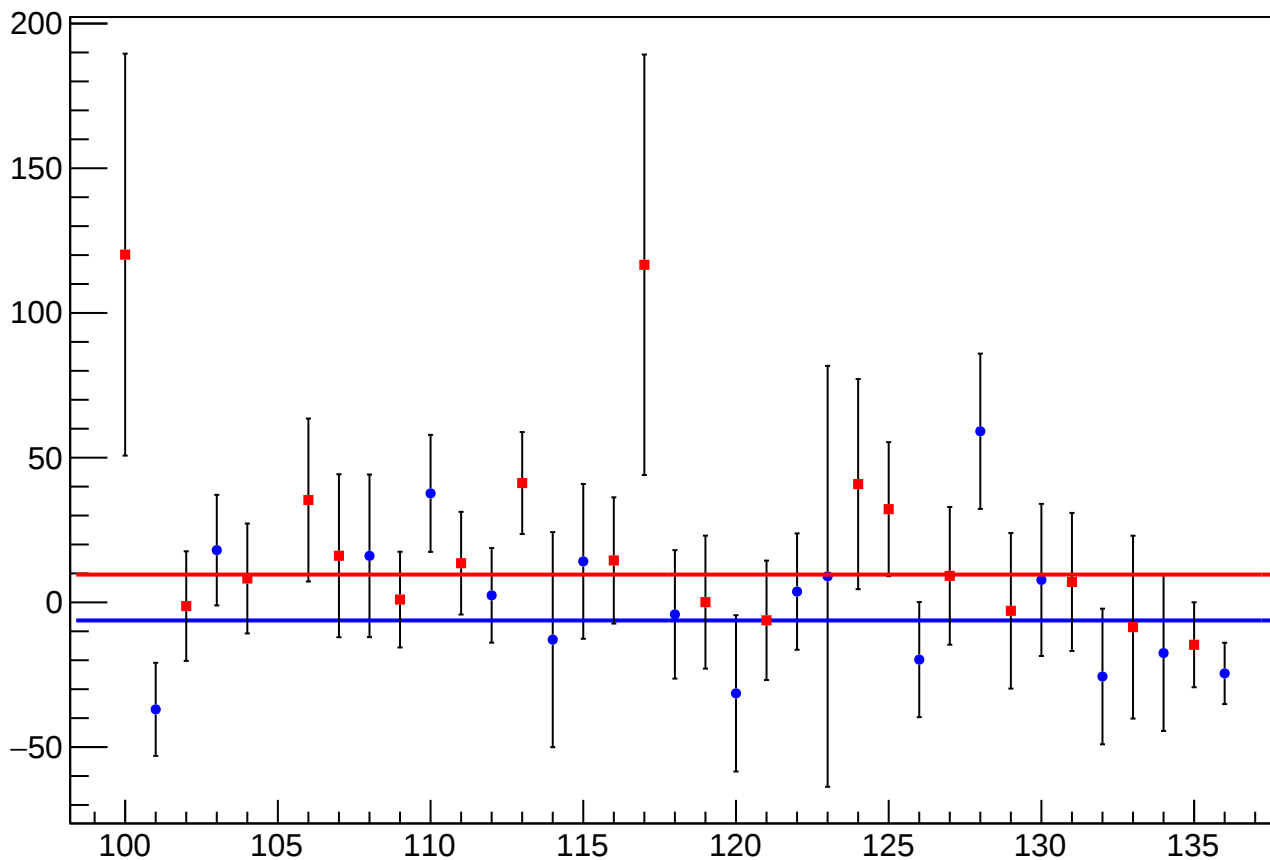
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7738.886+/-2.172 χ^2/NDF : 740836.7/16

7746.488+/-1.522 χ^2/NDF : 1369832.4/35

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

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.244+/-5.017 χ^2/NDF : 23.2/16

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

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

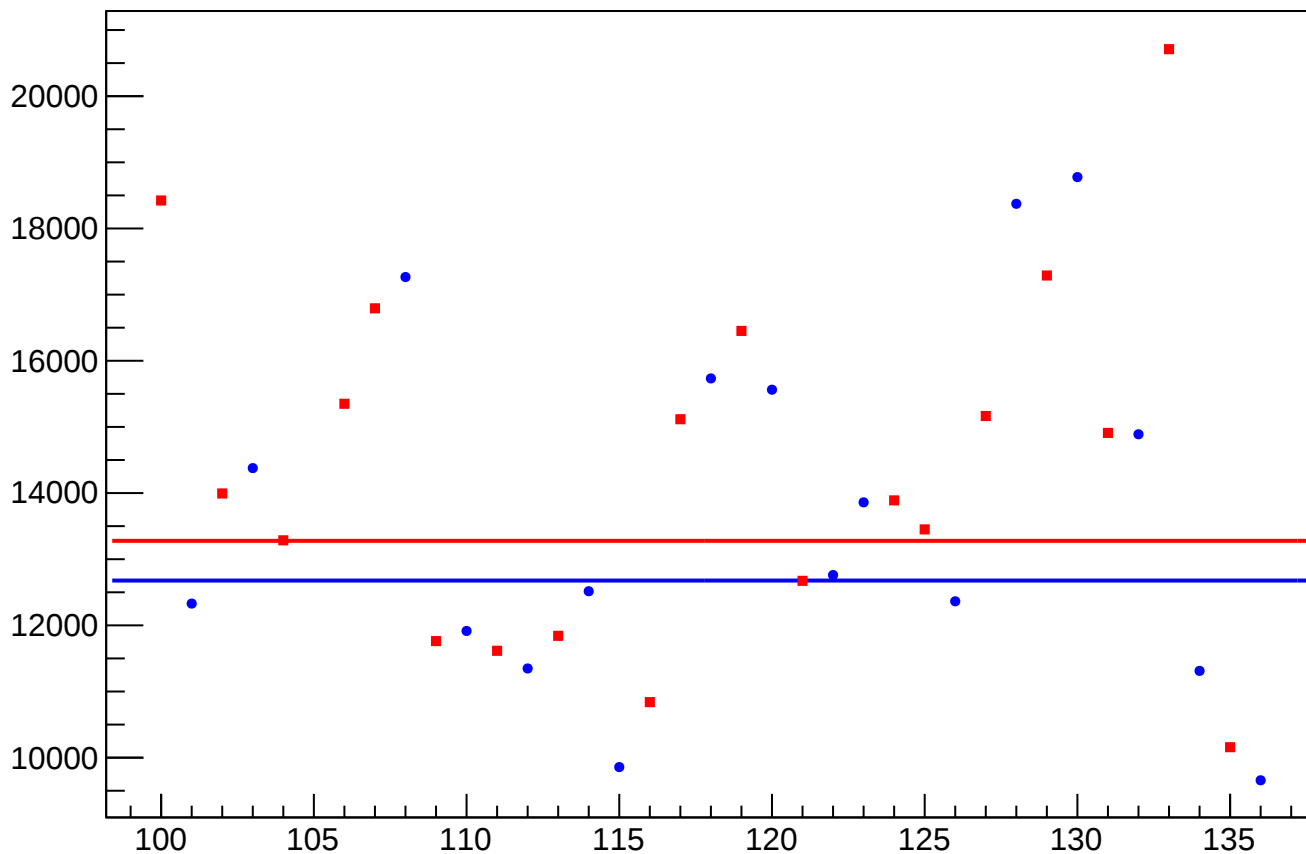
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.244+/-5.017 χ^2/NDF : 23.2/16

1.513+/-3.585 χ^2/NDF : 43.4/35

9.608+/-5.126 χ^2/NDF : 15.3/18

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12677.516+/-3.548 χ^2/NDF : 553605.5/16

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

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

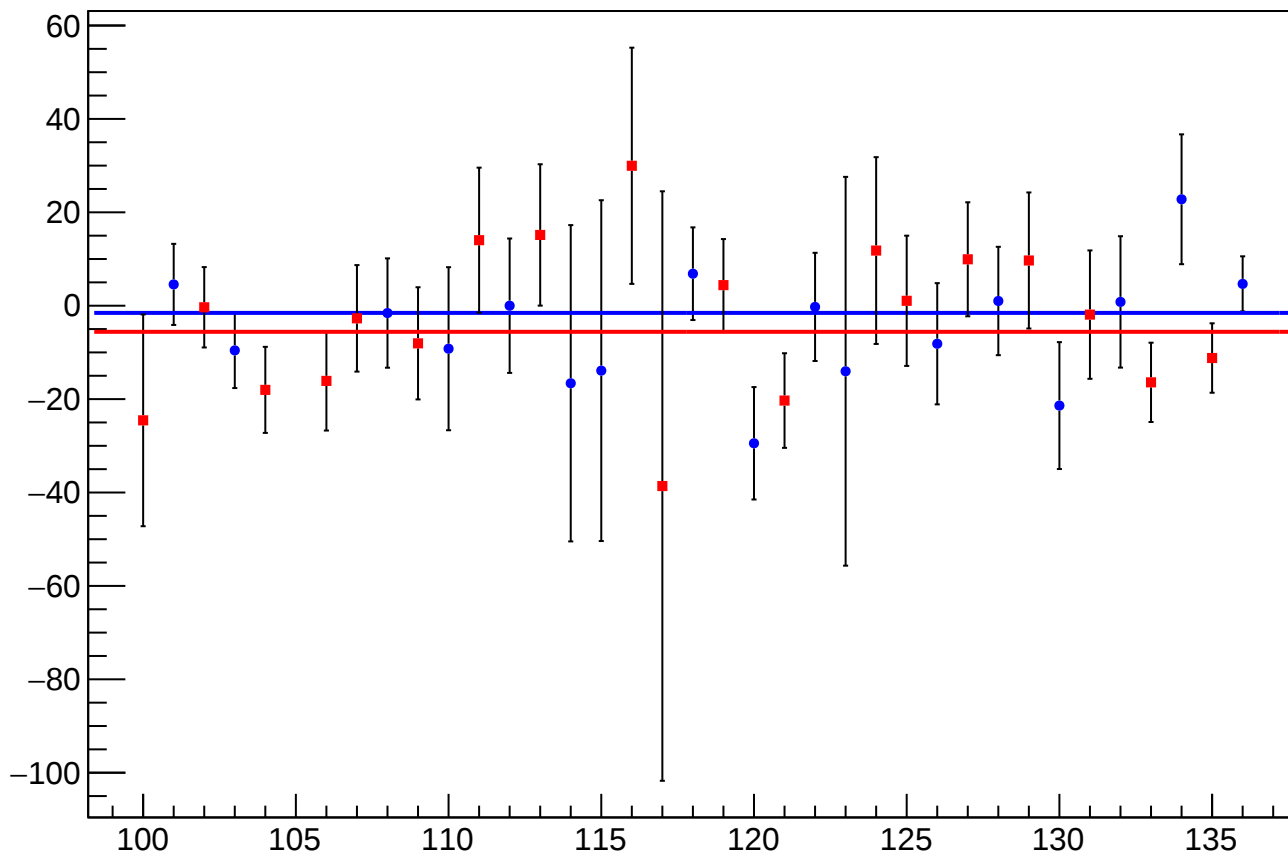
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12677.516+/-3.548 χ^2/NDF : 553605.5/16

12971.373+/-2.535 χ^2/NDF : 1005595.6/3

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

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -1.538+/-2.790 χ^2 /NDF: 14.8/16

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

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

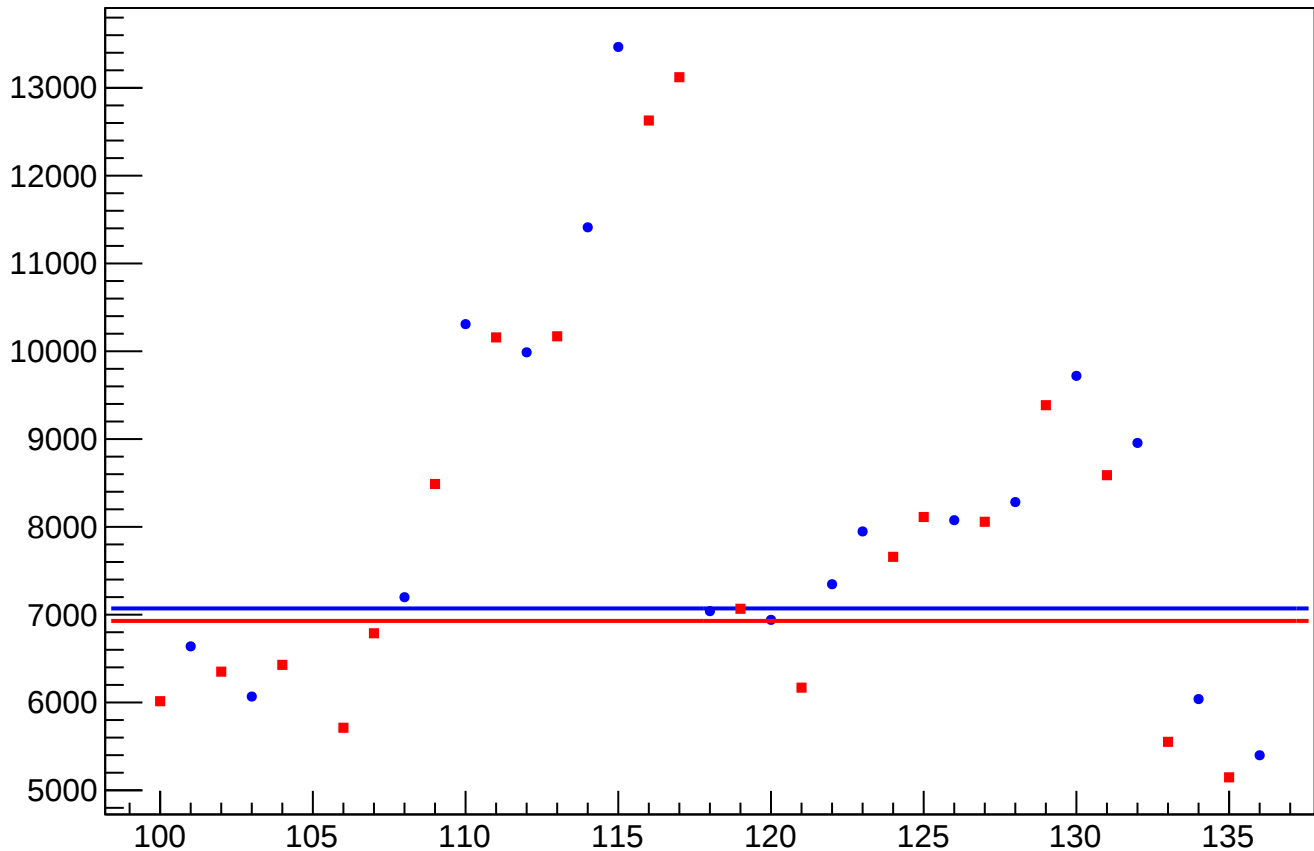
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.538+/-2.790 χ^2 /NDF: 14.8/16

-3.631+/-1.940 χ^2 /NDF: 34.7/35

-5.589+/-2.698 χ^2 /NDF: 18.8/18

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7071.043+/-1.973 χ^2/NDF : 600748.1/16

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

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

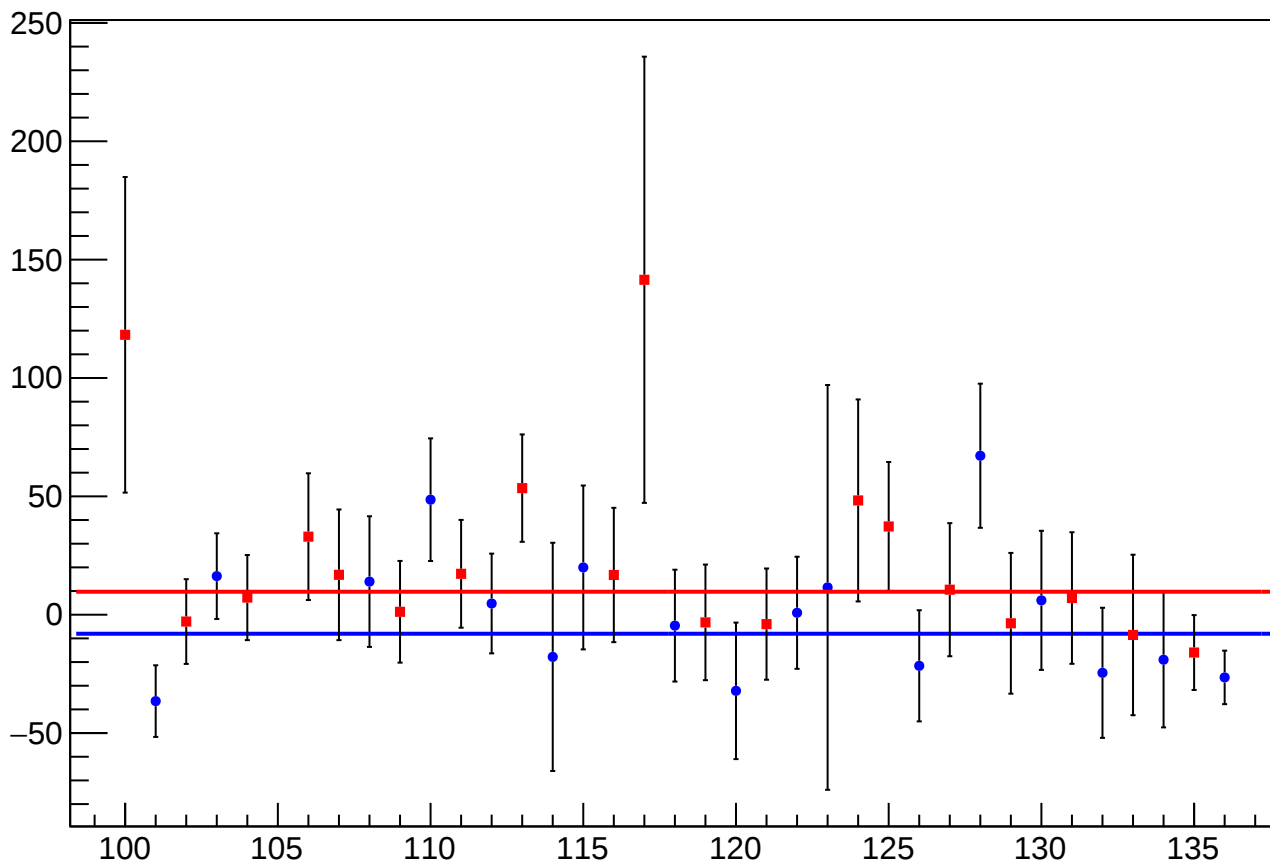
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7071.043+/-1.973 χ^2/NDF : 600748.1/16

6997.650+/-1.372 χ^2/NDF : 1280204.1/35

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -8.036+/-5.497 χ^2/NDF : 22.6/16

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

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

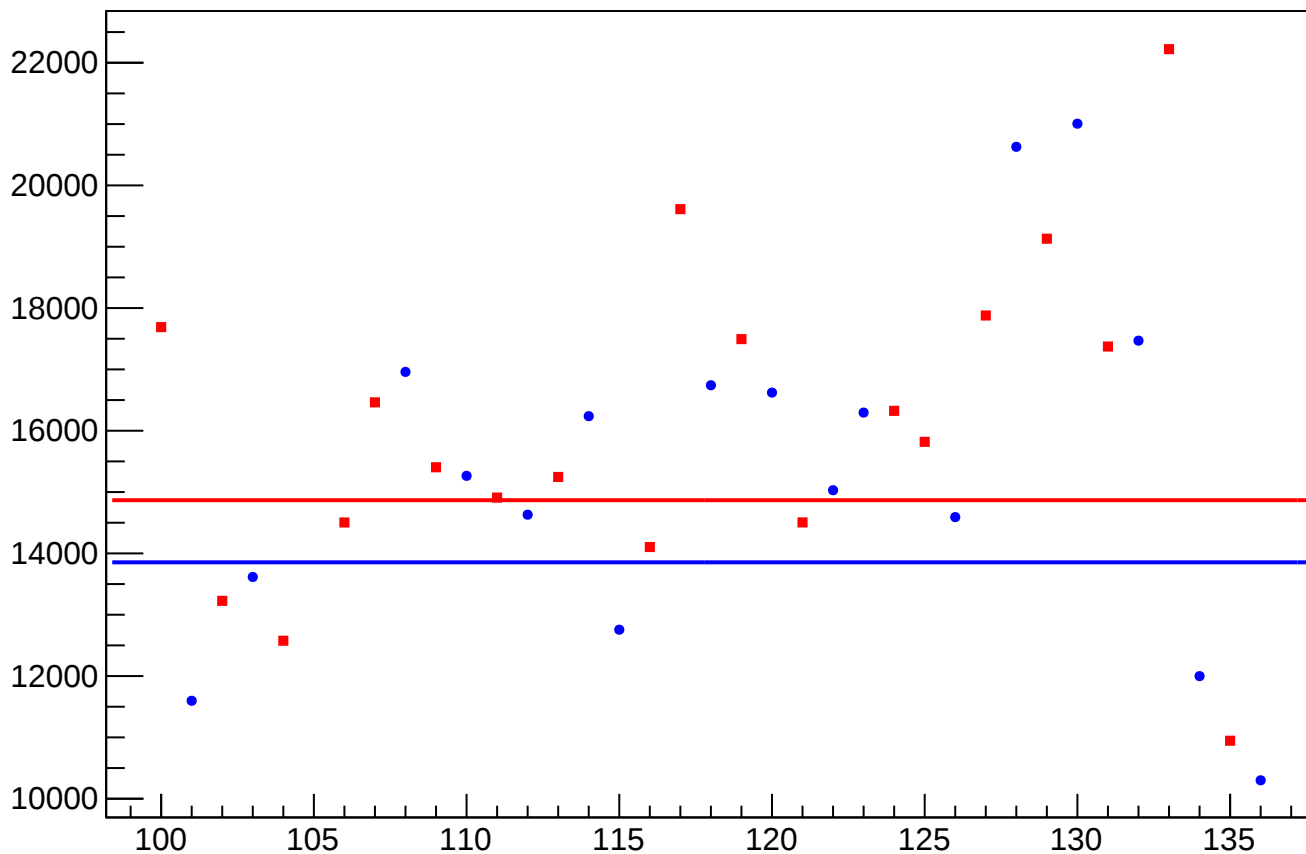
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.036+/-5.497 χ^2/NDF : 22.6/16

0.474+/-3.966 χ^2/NDF : 43.2/35

9.711+/-5.727 χ^2/NDF : 15.6/18

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13854.187+/-3.887 χ^2/NDF : 600963.4/16

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

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

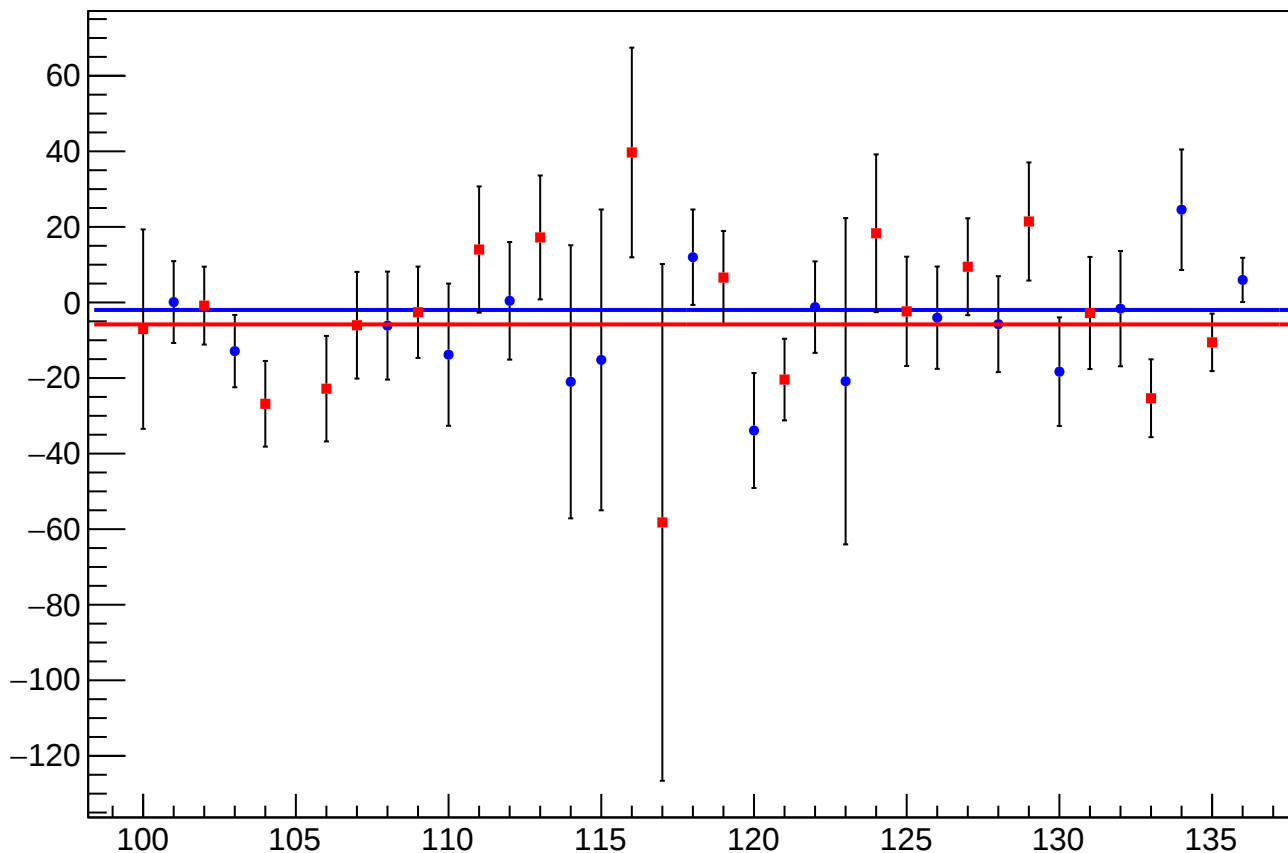
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13854.187+/-3.887 χ^2/NDF : 600963.4/16

14339.987+/-2.804 χ^2/NDF : 1027693.1/3

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

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -1.978+/-3.094 χ^2 /NDF: 14.0/16

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

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

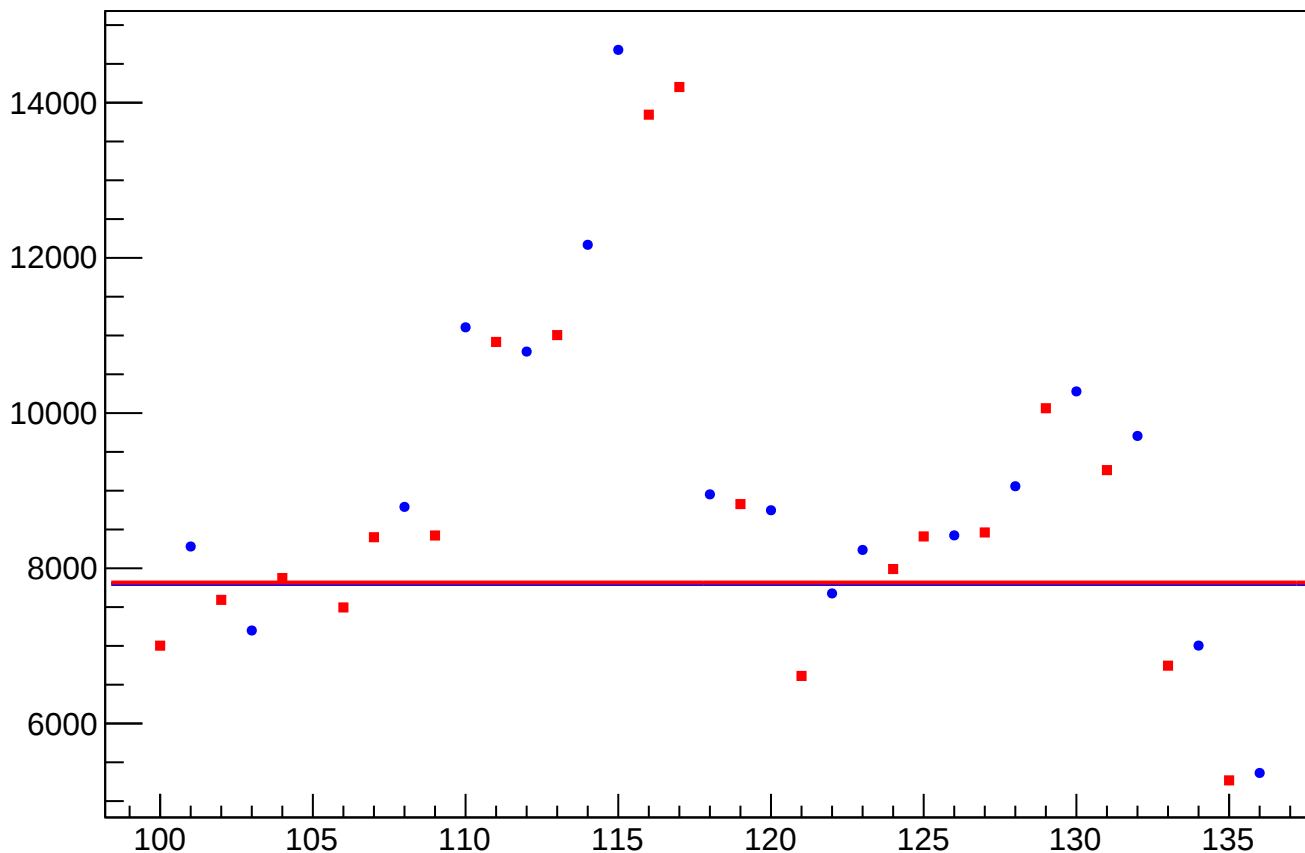
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.978+/-3.094 χ^2 /NDF: 14.0/16

-3.925+/-2.169 χ^2 /NDF: 39.4/35

-5.807+/-3.042 χ^2 /NDF: 24.6/18

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7798.267 $\pm$ 2.188 χ^2 /NDF: 736283.6/16

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

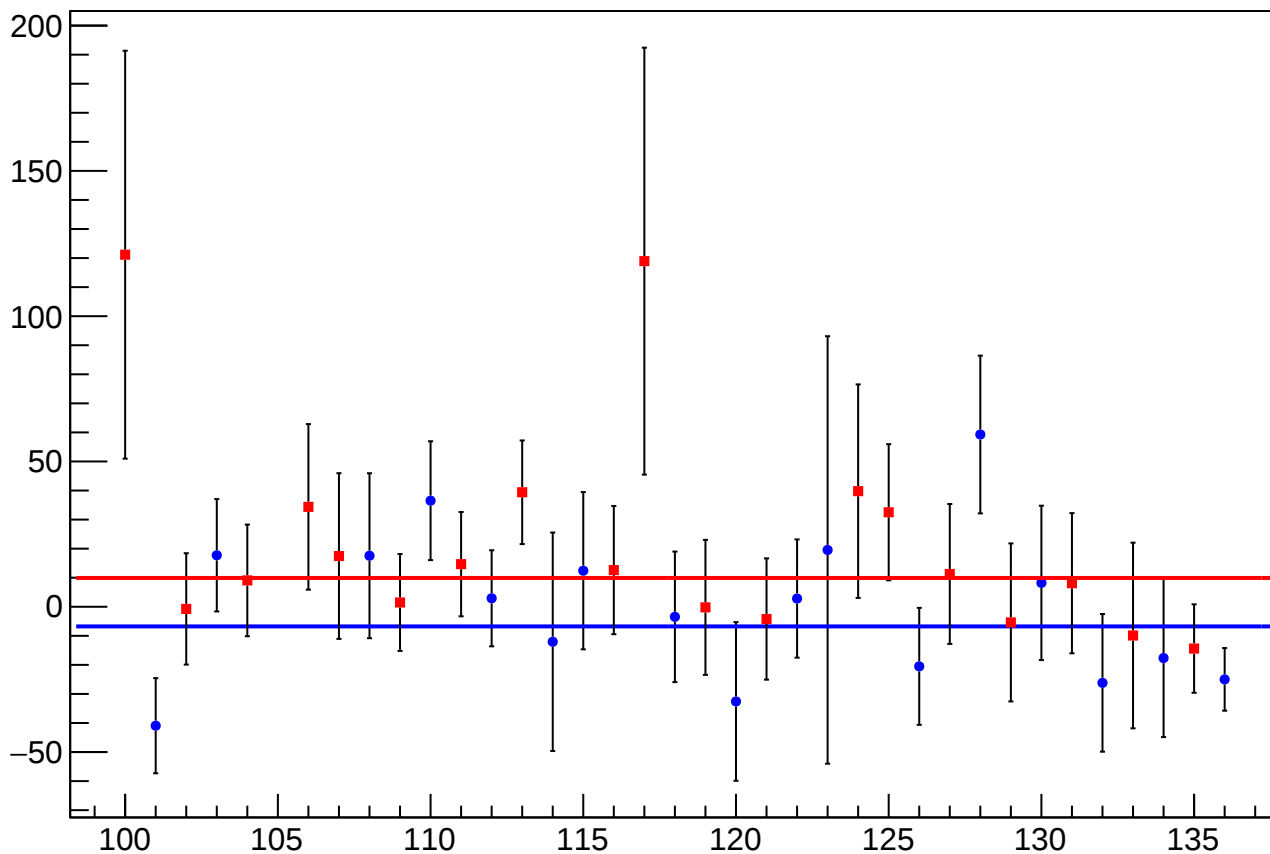
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7798.267 $\pm$ 2.188 χ^2 /NDF: 736283.6/16

7807.399 $\pm$ 1.534 χ^2 /NDF: 1358422.3/35

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

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -6.760+/-5.085 χ^2/NDF : 23.7/16

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

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

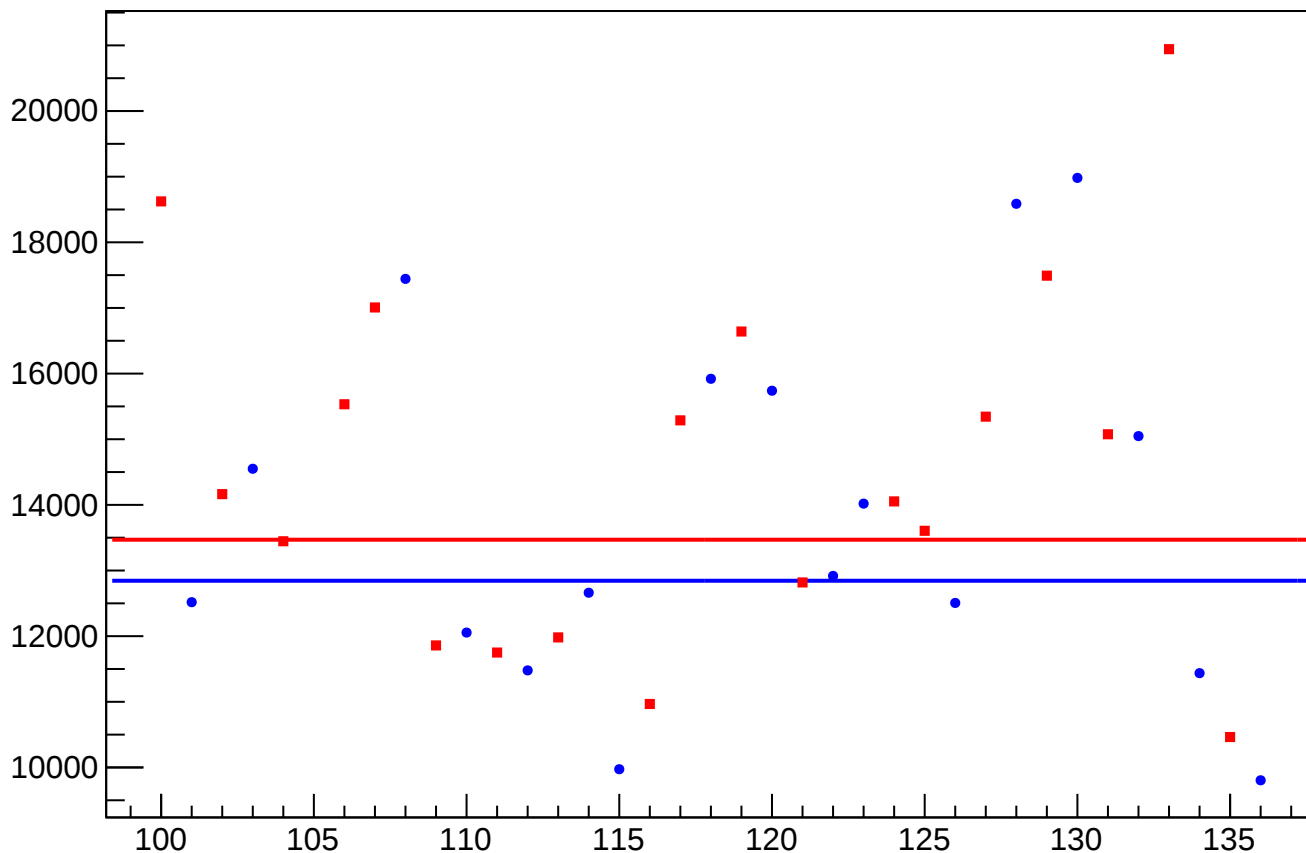
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.760+/-5.085 χ^2/NDF : 23.7/16

1.393+/-3.635 χ^2/NDF : 43.4/35

9.918+/-5.199 χ^2/NDF : 14.4/18

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12844.321+/-3.595 χ^2/NDF : 547271.0/16

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

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

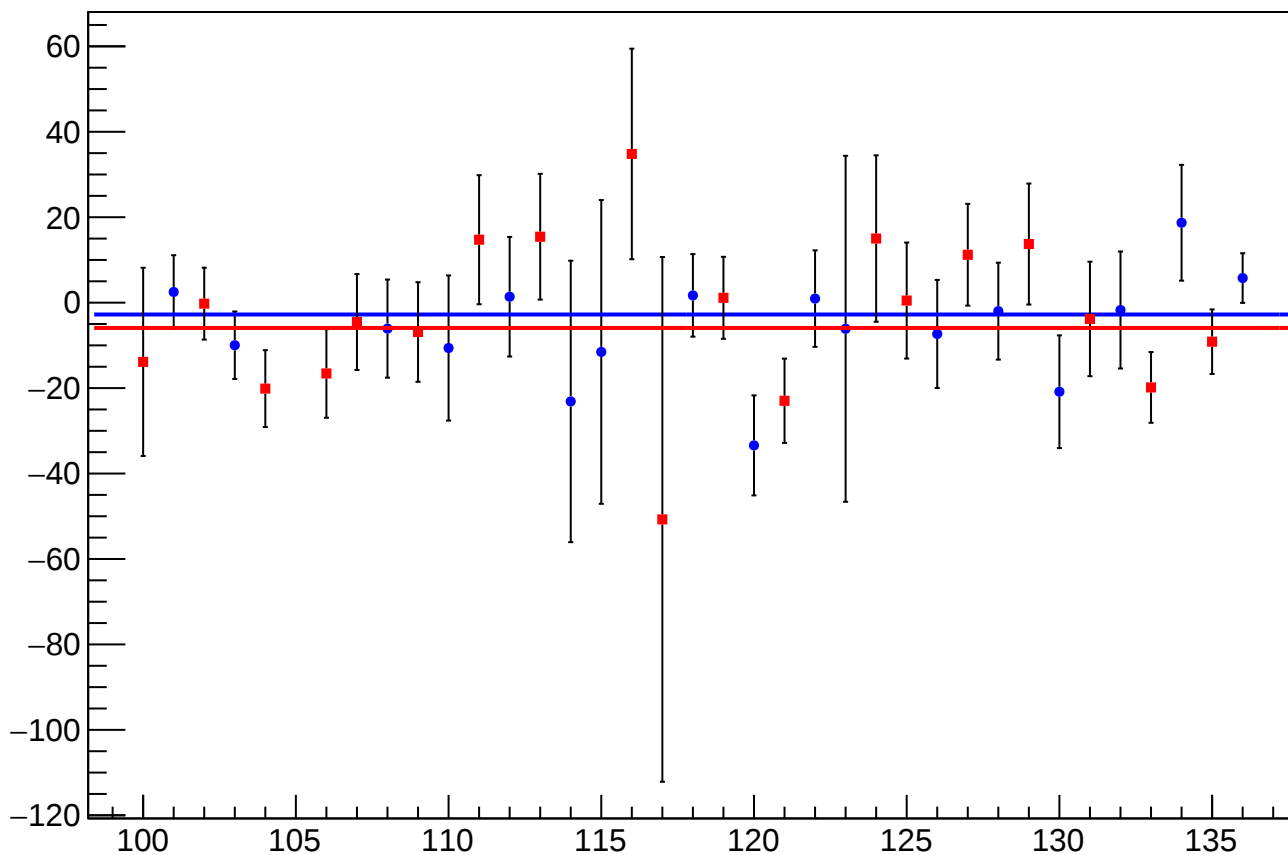
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12844.321+/-3.595 χ^2/NDF : 547271.0/16

13149.863+/-2.571 χ^2/NDF : 986674.7/35

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

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -2.774+/-2.732 χ^2/NDF : 15.9/16

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

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

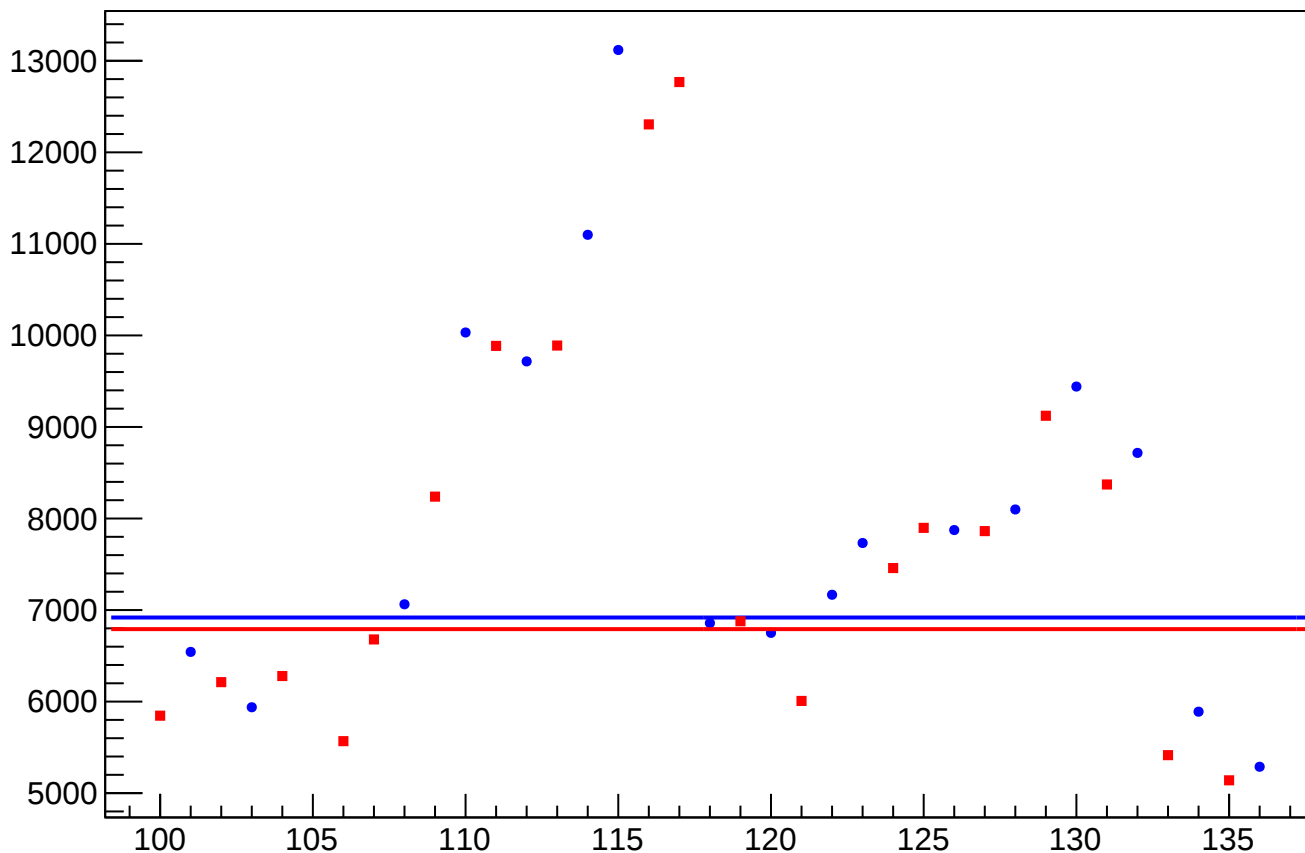
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.774+/-2.732 χ^2/NDF : 15.9/16

-4.397+/-1.900 χ^2/NDF : 39.9/35

-5.918+/-2.645 χ^2/NDF : 23.3/18

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6918.477+/-1.932 χ^2/NDF : 587039.3/16

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

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

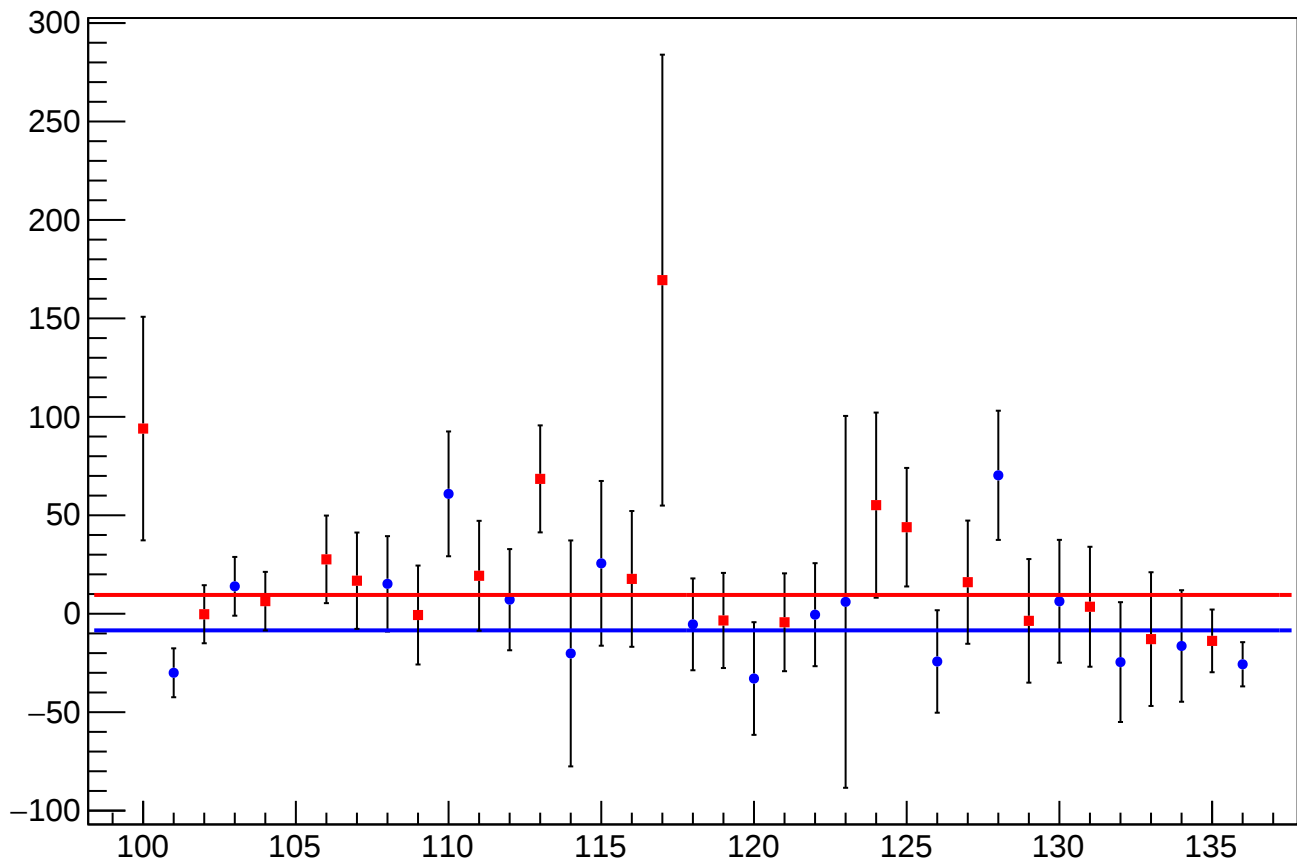
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6918.477+/-1.932 χ^2/NDF : 587039.3/16

6853.022+/-1.344 χ^2/NDF : 1236835.4/35

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

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.448+/-5.393 χ^2/NDF : 22.0/16

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

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

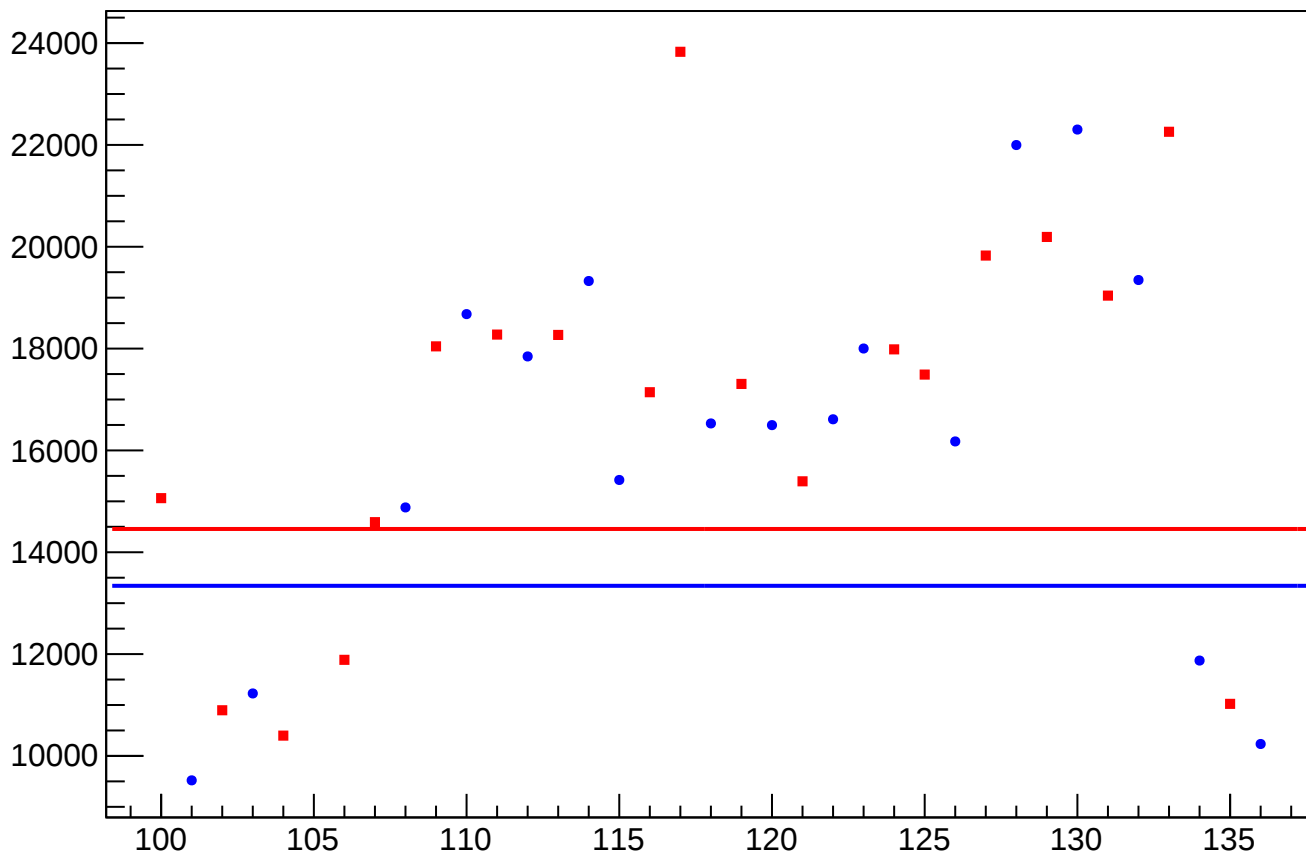
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.448+/-5.393 χ^2/NDF : 22.0/16

0.095+/-3.908 χ^2/NDF : 43.4/35

9.546+/-5.672 χ^2/NDF : 16.1/18

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13340.948+/-3.813 χ^2/NDF : 1044569.8/16

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

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

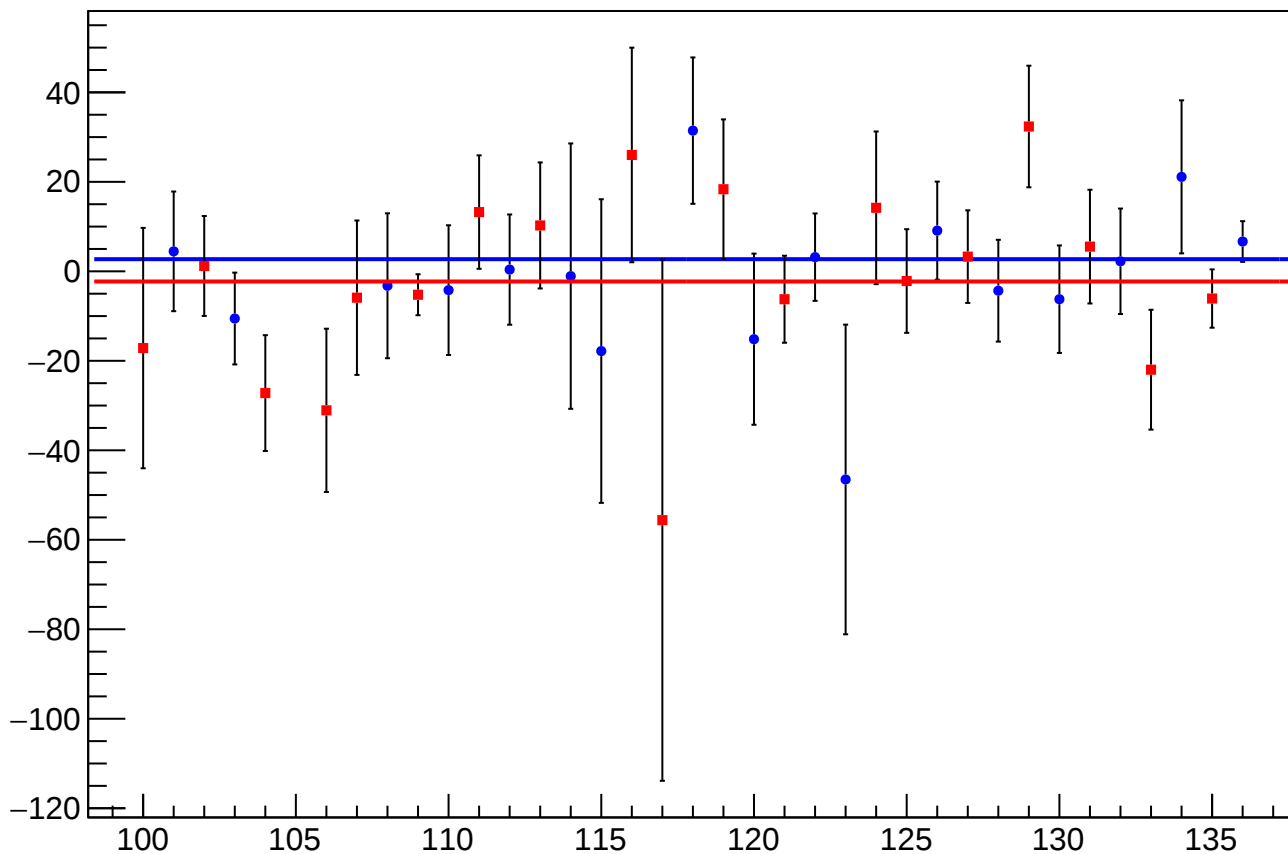
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13340.948+/-3.813 χ^2/NDF : 1044569.8/16

13870.960+/-2.764 χ^2/NDF : 1952790.4/3

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

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 2.717+/-2.752 χ^2/NDF : 11.6/16

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

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

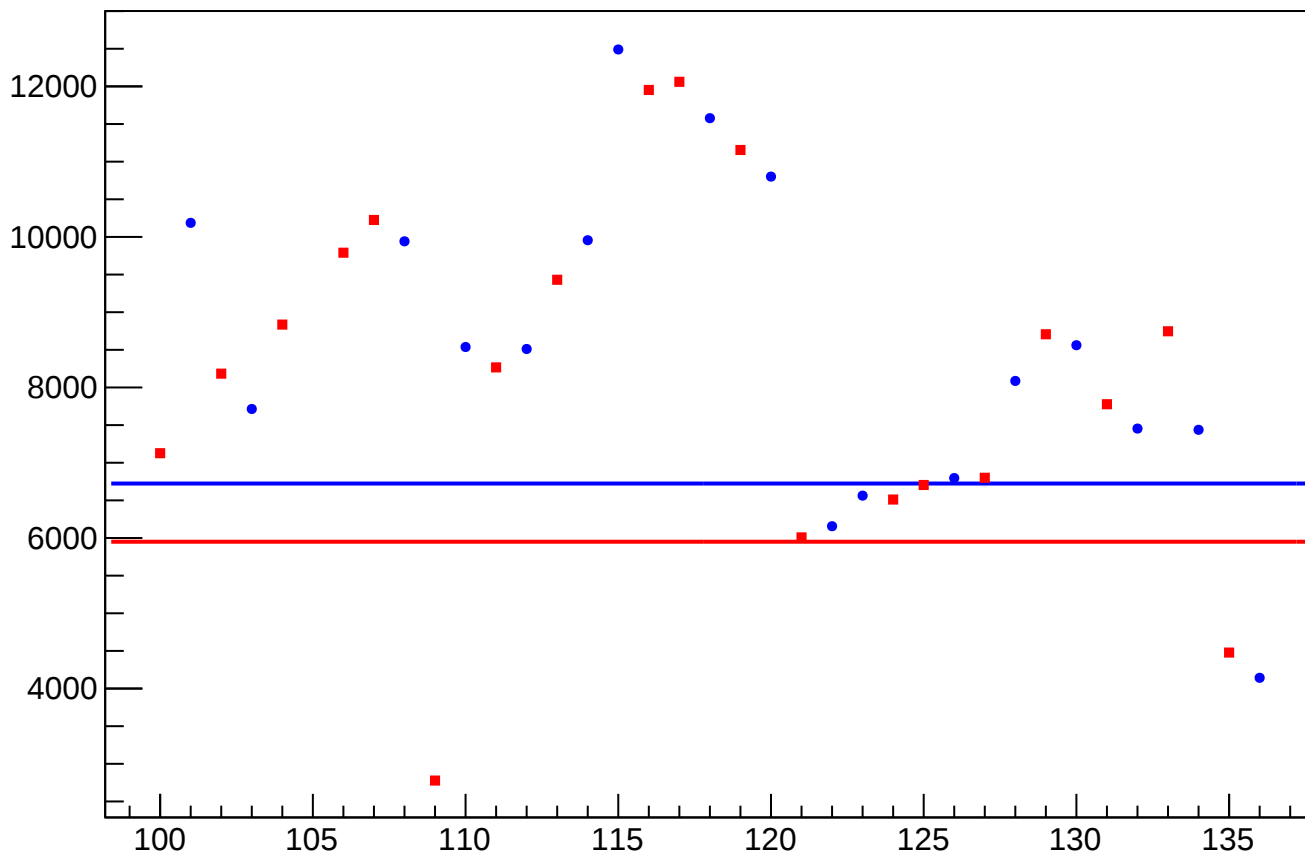
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.717+/-2.752 χ^2/NDF : 11.6/16

-0.005+/-1.856 χ^2/NDF : 37.5/35

-2.273+/-2.513 χ^2/NDF : 24.1/18

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 6723.839+/-1.946 χ^2/NDF : 1392082.5/16

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

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

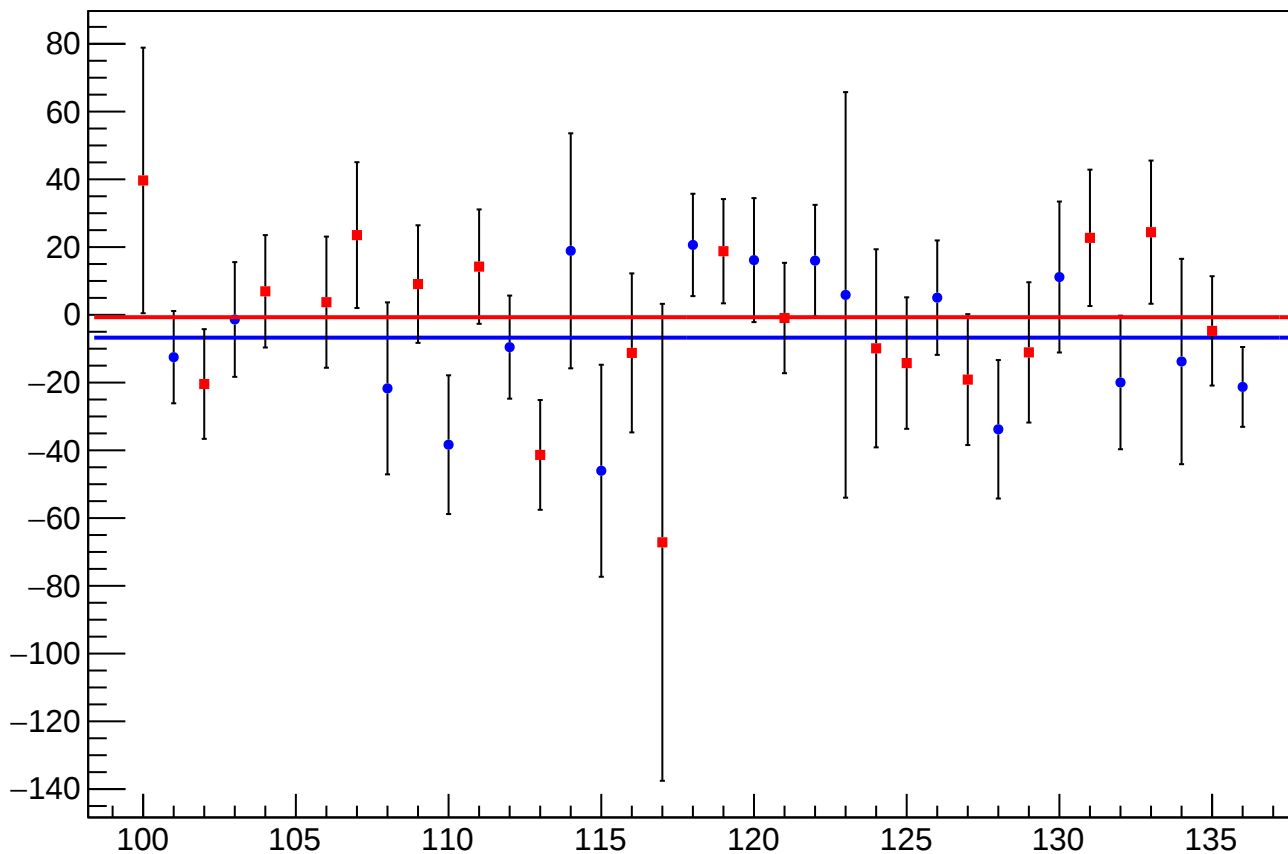
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6723.839+/-1.946 χ^2/NDF : 1392082.5/16

6302.133+/-1.312 χ^2/NDF : 3729168.5/35

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

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -6.736+/-4.513 χ^2/NDF : 16.9/16

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

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

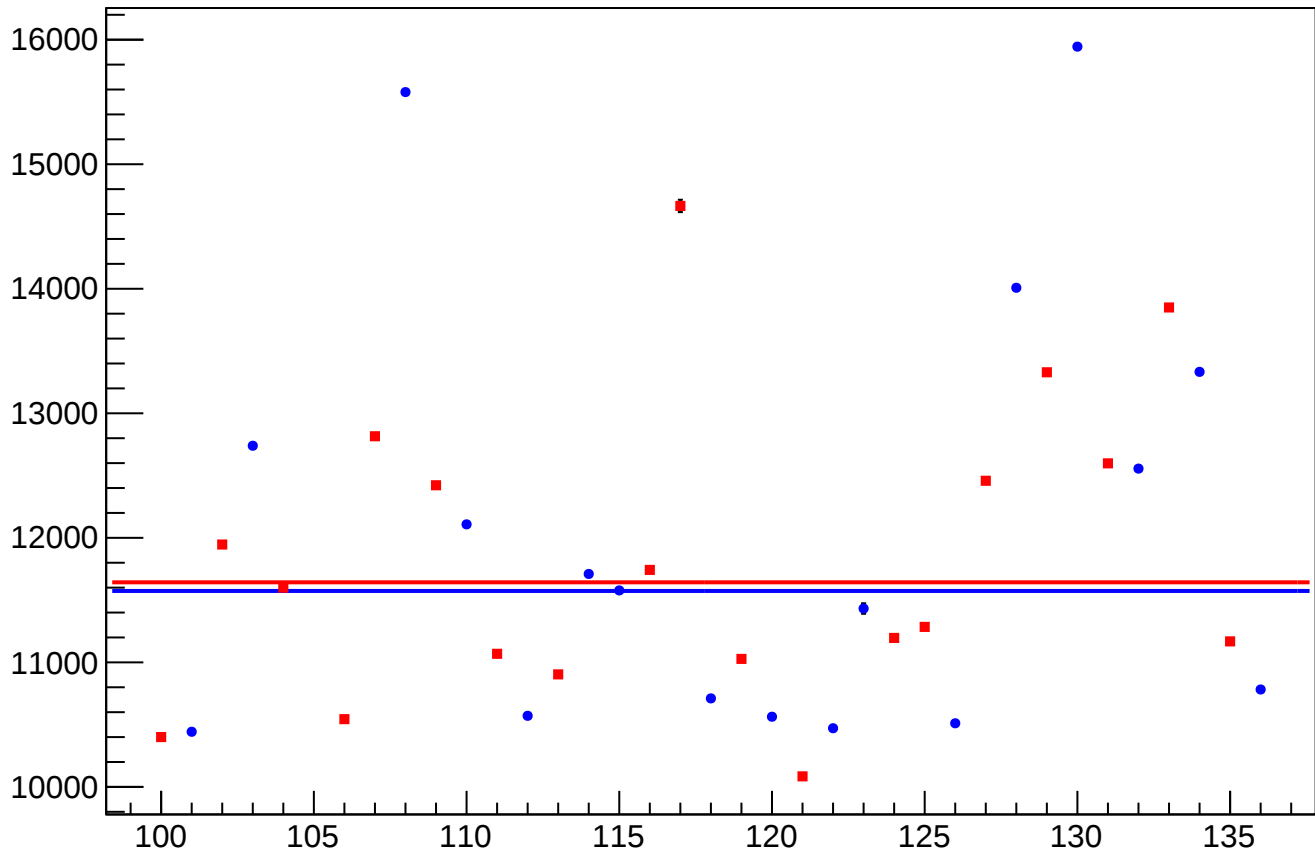
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.736+/-4.513 χ^2/NDF : 16.9/16

-3.662+/-3.161 χ^2/NDF : 36.5/35

-0.699+/-4.430 χ^2/NDF : 18.7/18

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11573.490+/-3.191 χ^2/NDF : 238734.7/16

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

Right Out: 11642.756+/-3.133 χ^2/NDF : 96841.7/18

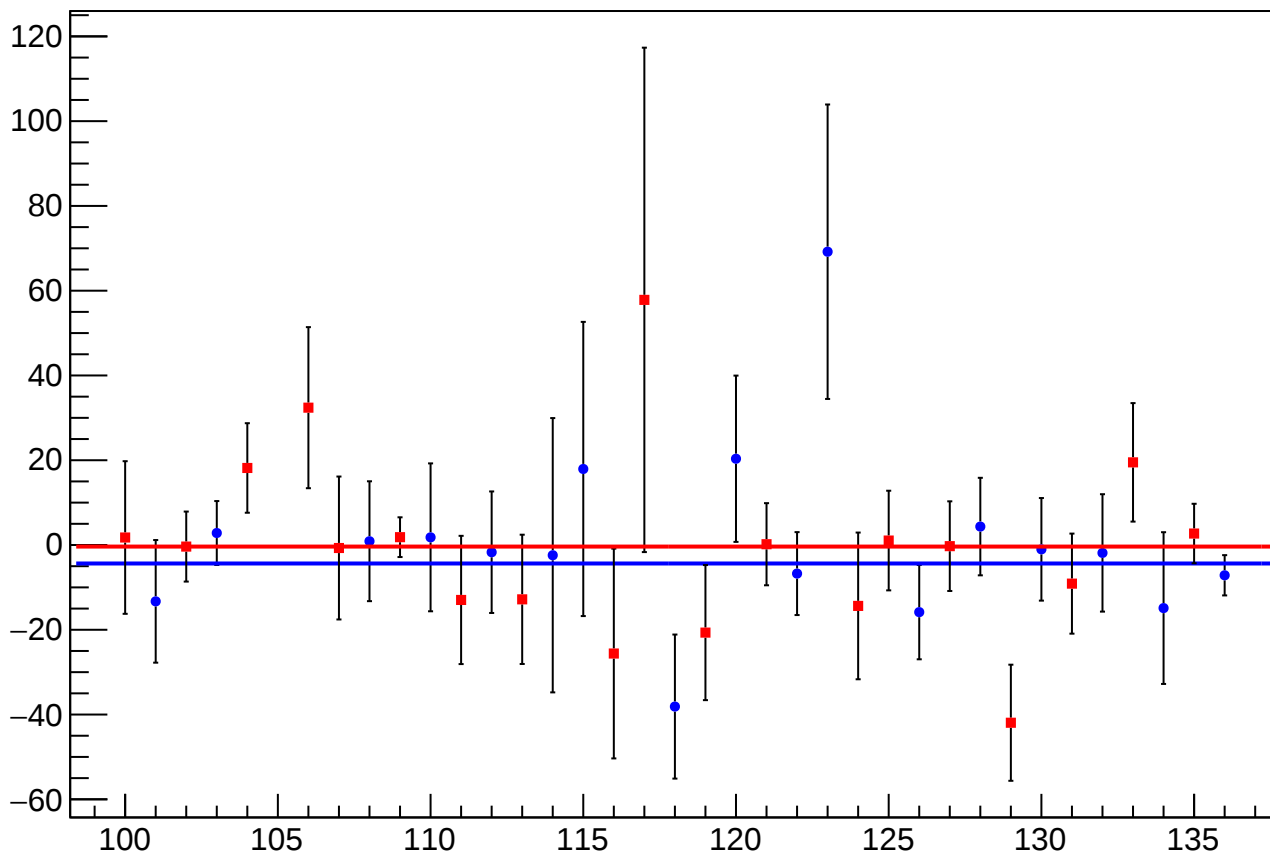
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11573.490+/-3.191 χ^2/NDF : 238734.7/16

11608.763+/-2.235 χ^2/NDF : 335816.3/35

11642.756+/-3.133 χ^2/NDF : 96841.7/18

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.361 ± 2.776 χ^2/NDF : 14.5/16

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

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

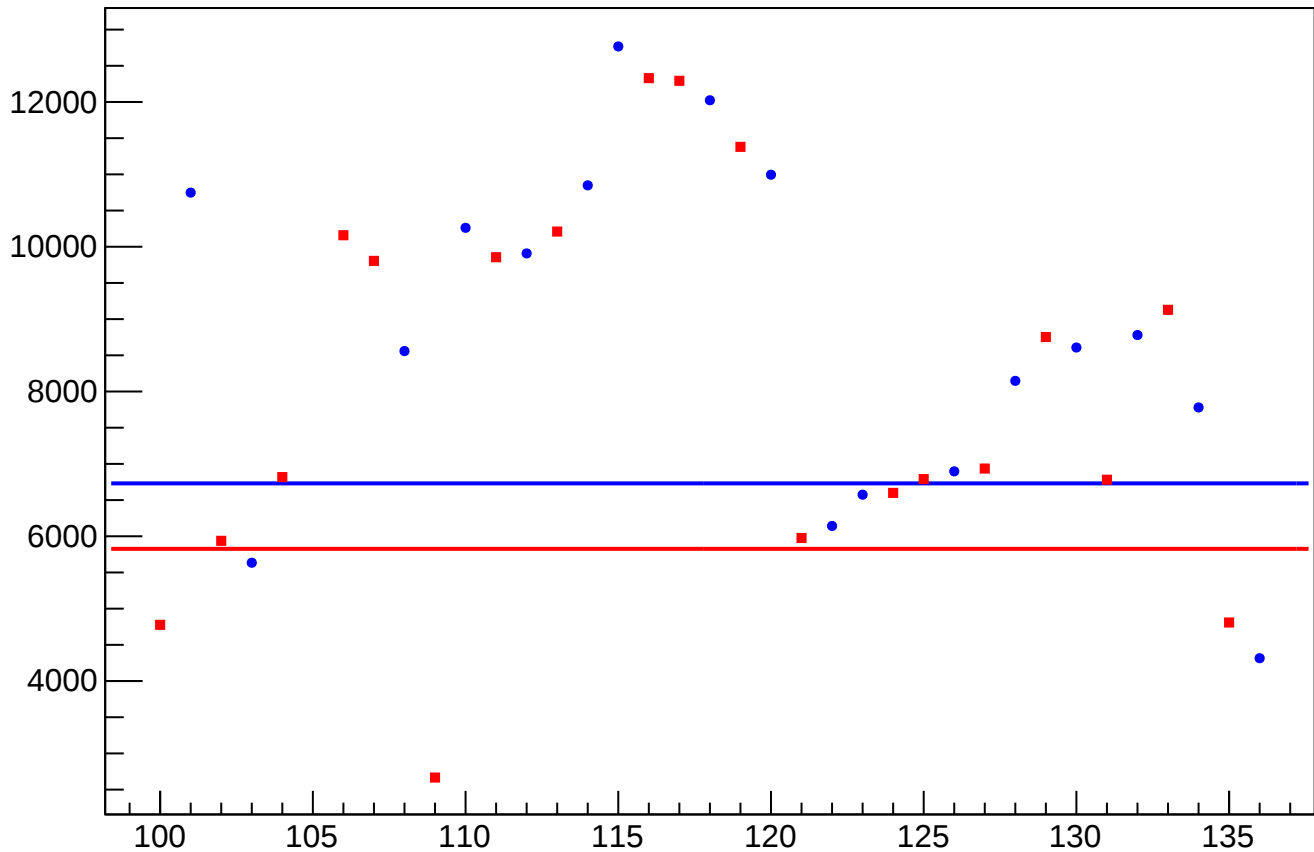
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.361 ± 2.776 χ^2/NDF : 14.5/16

-2.150 ± 1.854 χ^2/NDF : 39.6/35

-0.369 ± 2.491 χ^2/NDF : 23.9/18

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6730.725+/-1.963 χ^2/NDF : 1445240.4/16

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

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

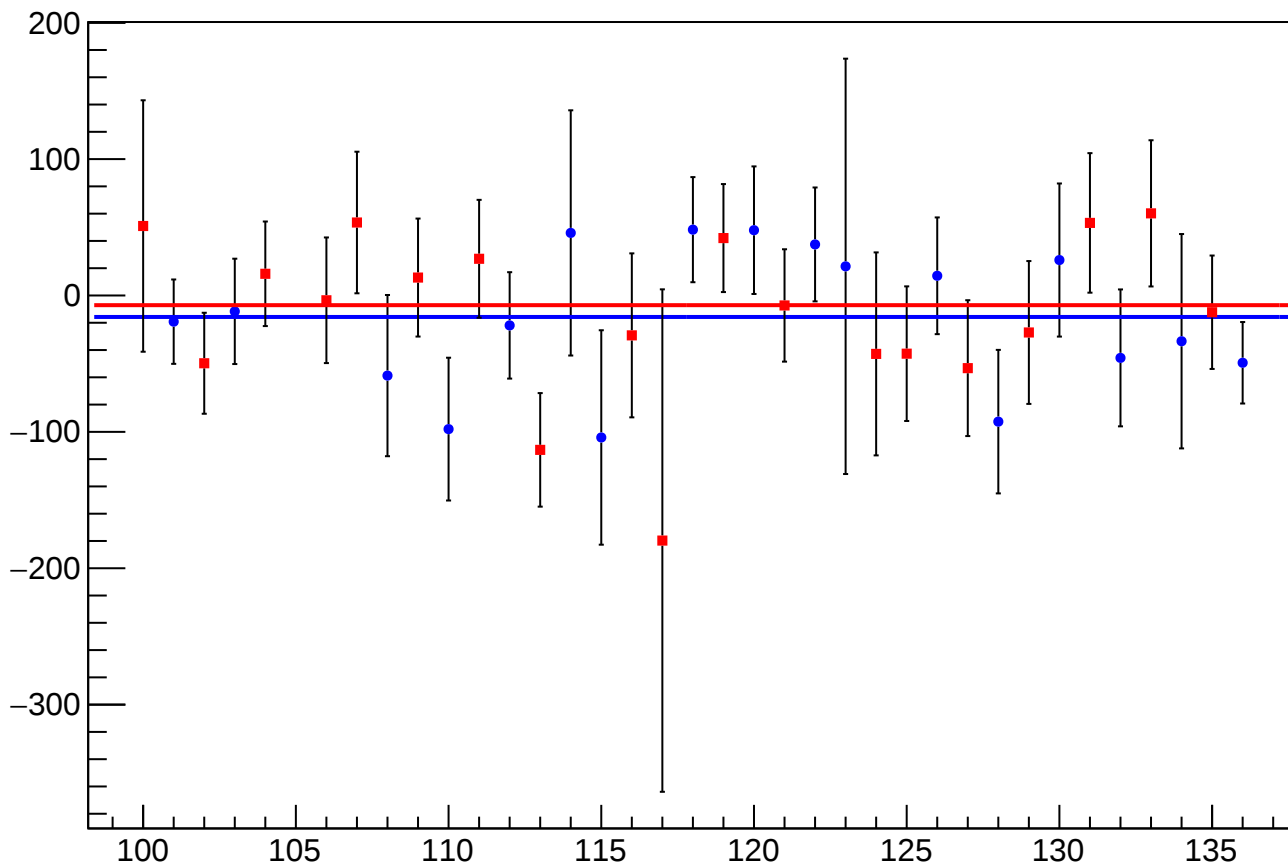
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6730.725+/-1.963 χ^2/NDF : 1445240.4/16

6229.859+/-1.311 χ^2/NDF : 3721270.0/35

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

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -15.751 $\pm$ 11.207 χ^2 /NDF: 15.9/16

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

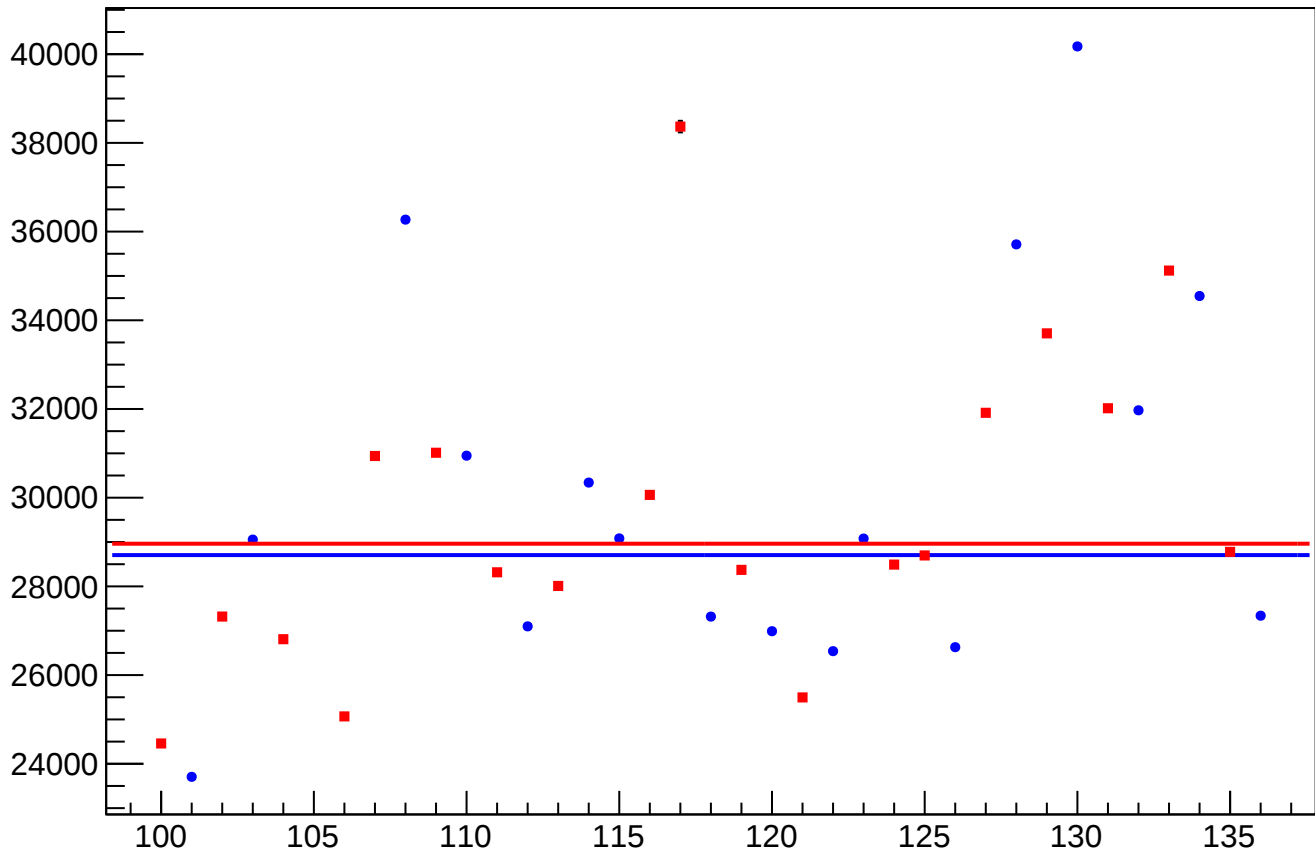
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.751 $\pm$ 11.207 χ^2 /NDF: 15.9/16

-11.358 $\pm$ 7.862 χ^2 /NDF: 34.3/35

-7.103 $\pm$ 11.031 χ^2 /NDF: 18.1/18

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28705.569+/-7.925 χ^2/NDF : 250992.5/16

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

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

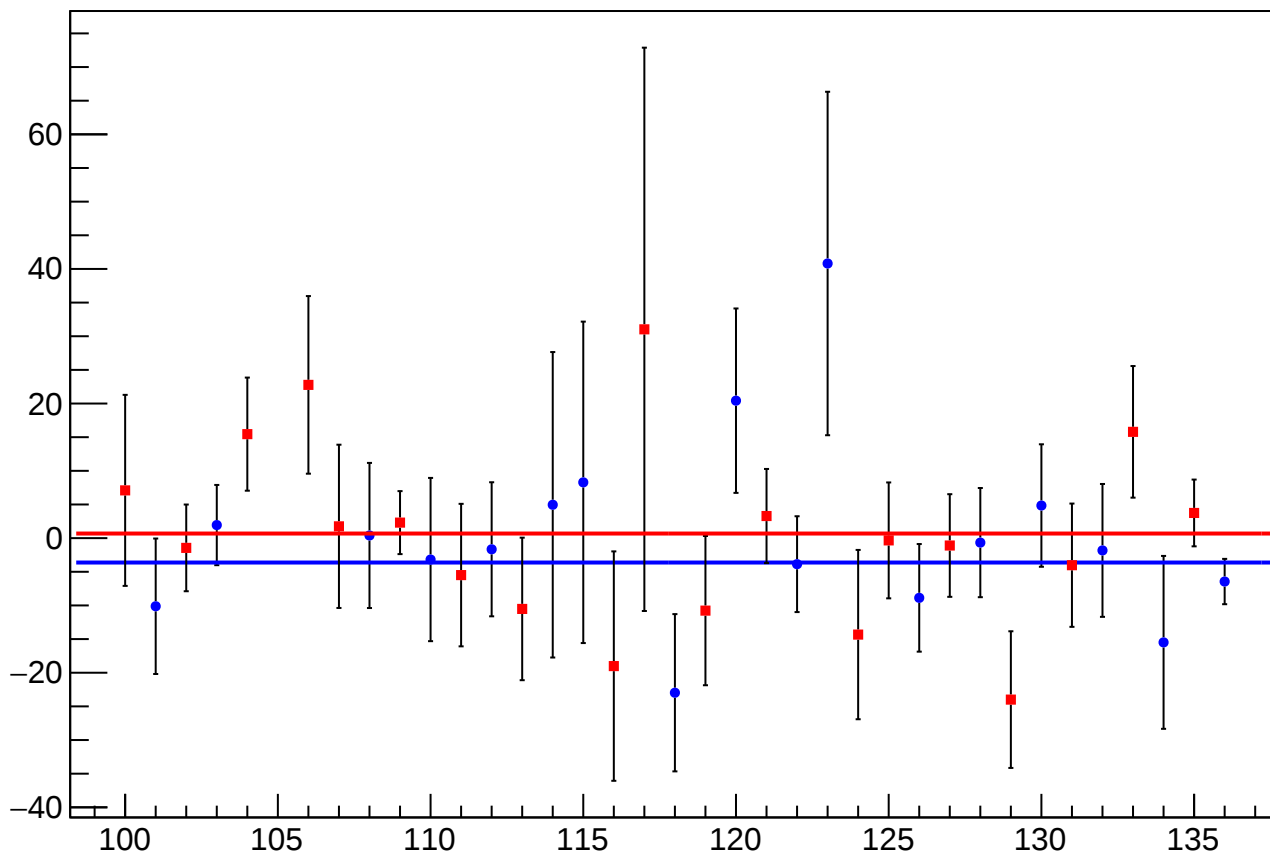
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28705.569+/-7.925 χ^2/NDF : 250992.5/16

28835.888+/-5.559 χ^2/NDF : 367364.8/35

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

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -3.625+/-2.006 χ^2/NDF : 13.7/16

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

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

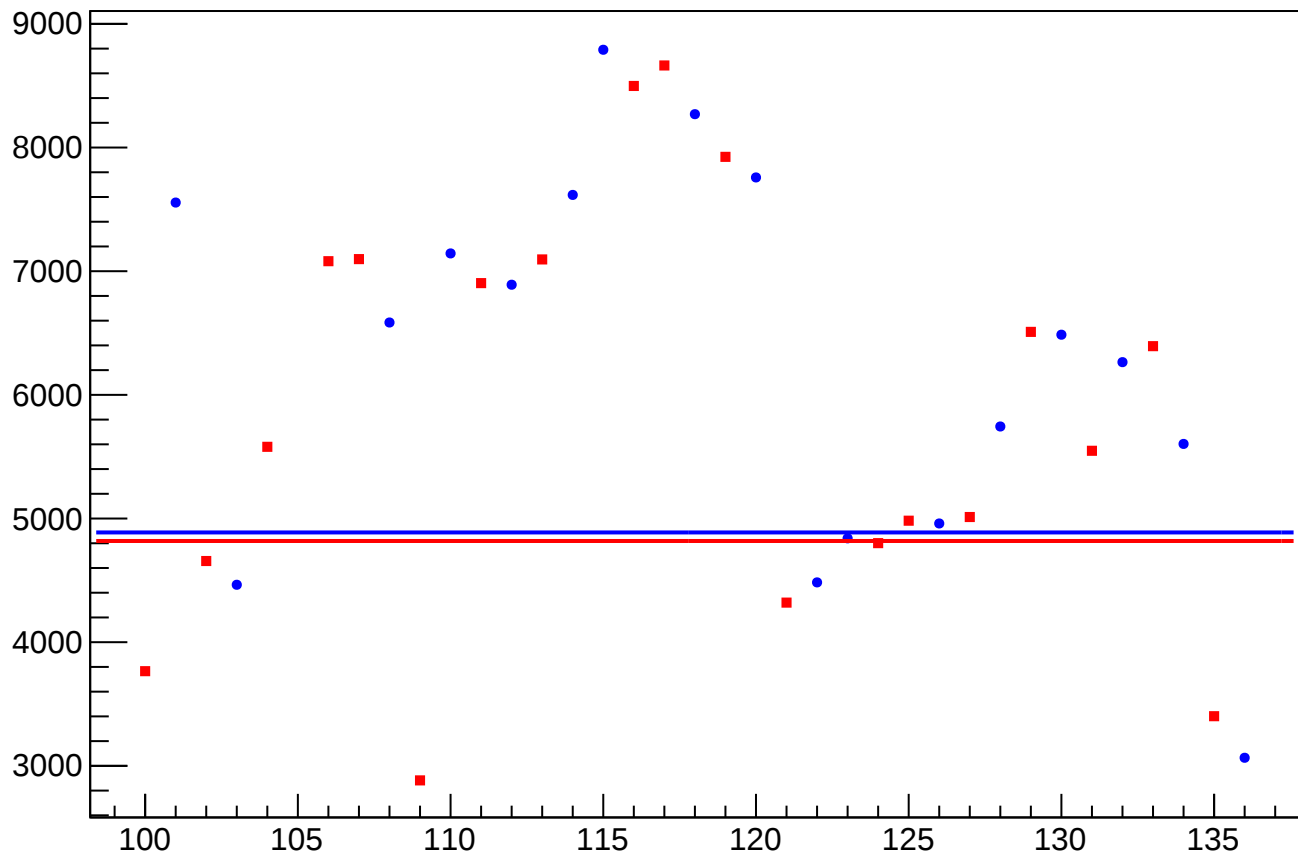
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.625+/-2.006 χ^2/NDF : 13.7/16

-1.416+/-1.400 χ^2/NDF : 37.4/35

0.683+/-1.955 χ^2/NDF : 21.3/18

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4887.515 $\pm$ 1.418 χ^2 /NDF: 1409296.8/16

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

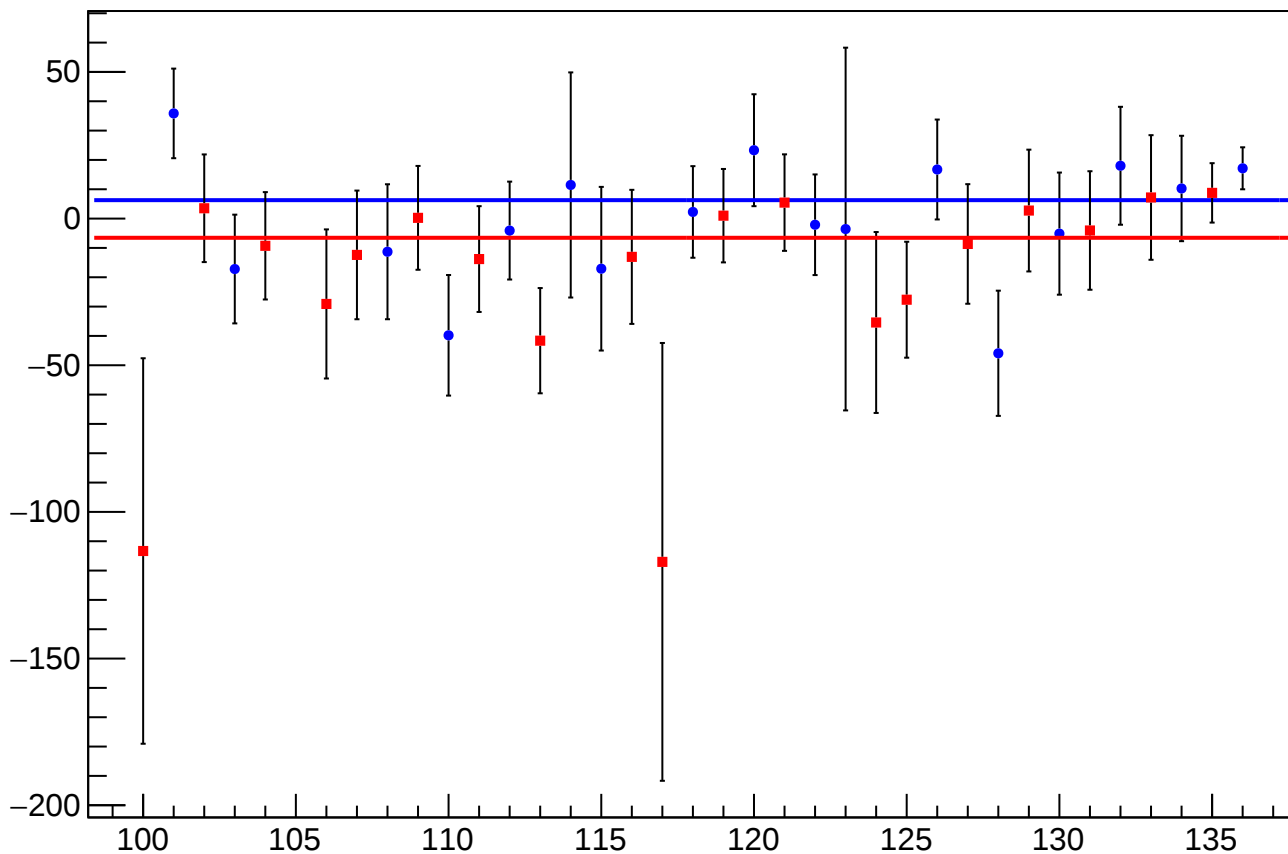
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4887.515 $\pm$ 1.418 χ^2 /NDF: 1409296.8/16

4852.075 $\pm$ 0.990 χ^2 /NDF: 2643401.7/35

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

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.283+/-4.064 χ^2/NDF : 22.5/16

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

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

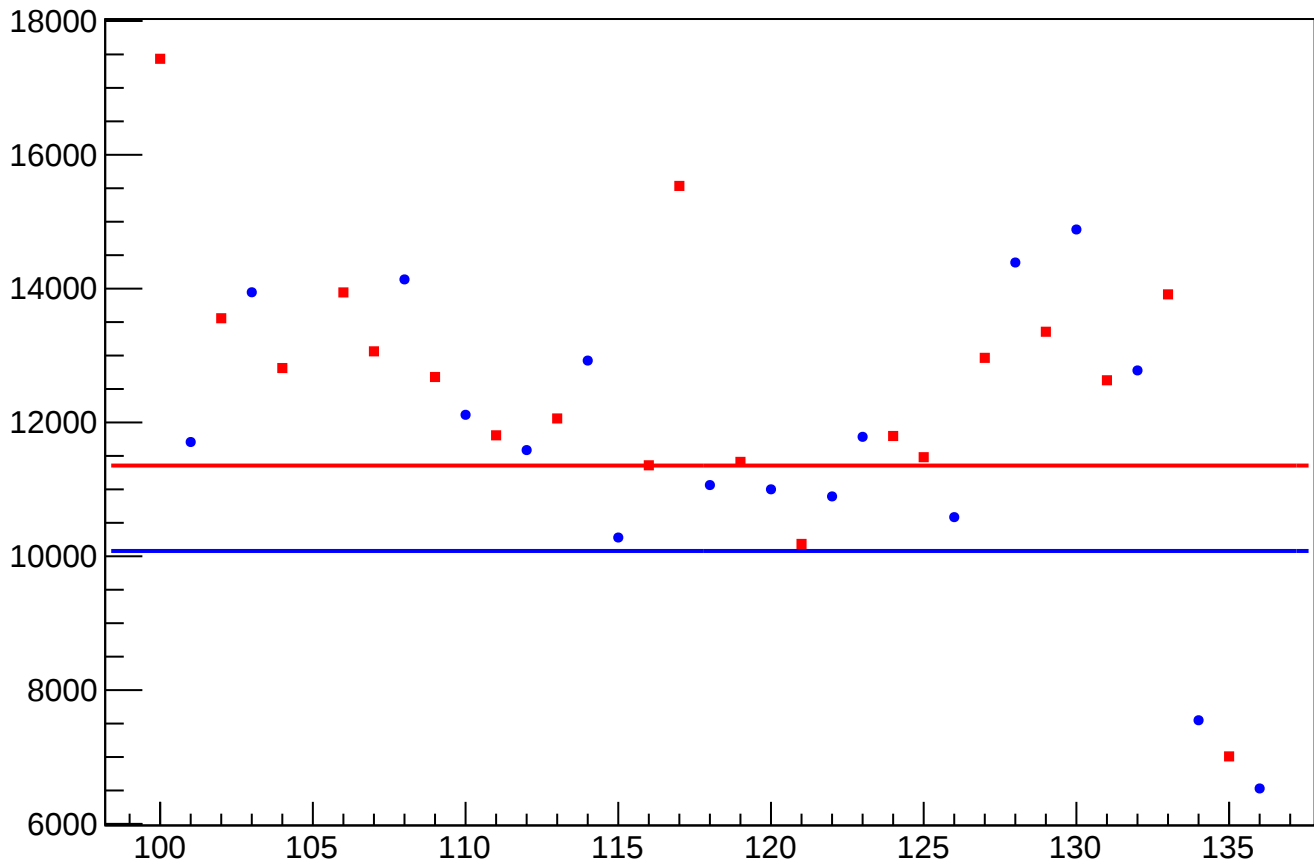
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.283+/-4.064 χ^2/NDF : 22.5/16

0.377+/-2.985 χ^2/NDF : 43.1/35

-6.544+/-4.399 χ^2/NDF : 15.9/18

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 10079.454 $\pm$ 2.874 χ^2 /NDF: 994683.1/16

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

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

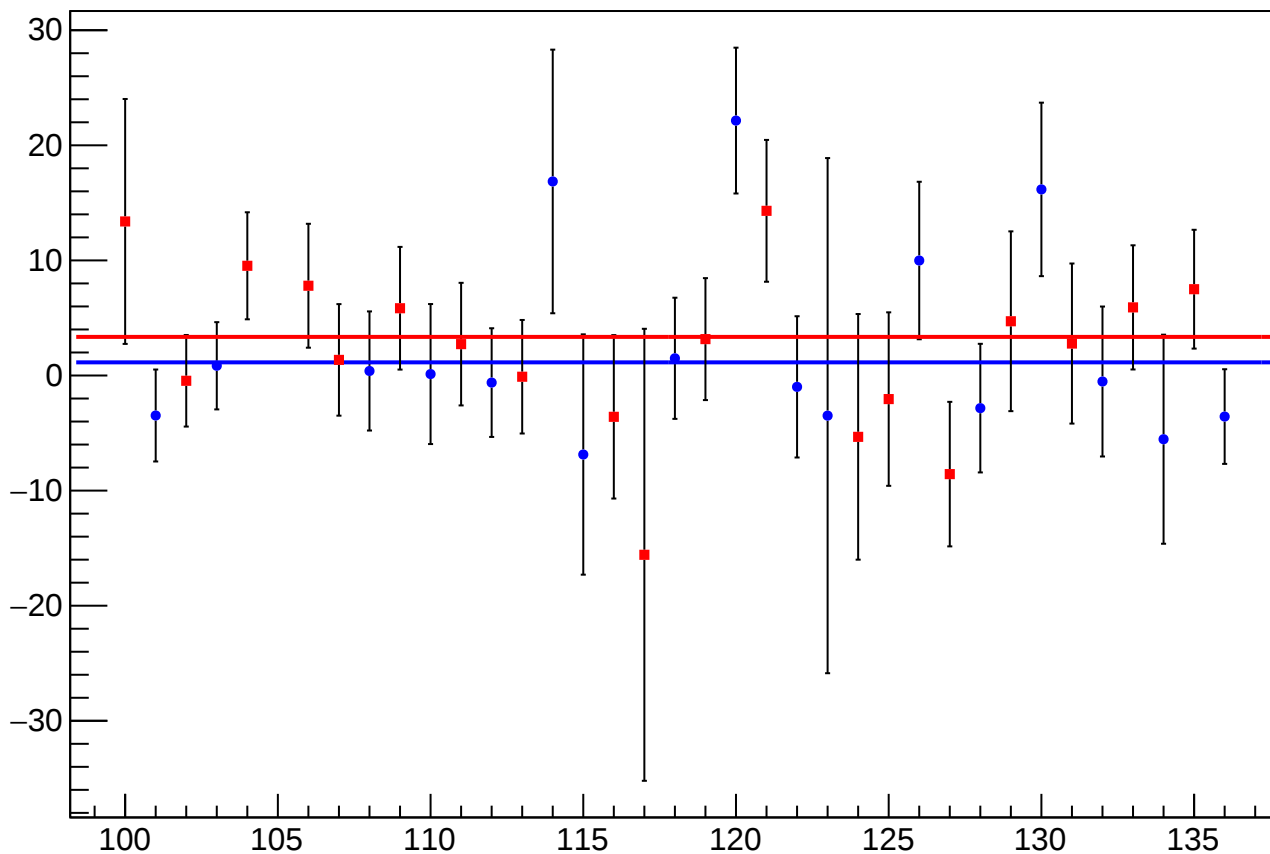
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10079.454 $\pm$ 2.874 χ^2 /NDF: 994683.1/16

10667.219 $\pm$ 2.111 χ^2 /NDF: 1645840.6/3

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

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.142 $\pm$ 1.395 χ^2 /NDF: 23.2/16

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

Right Out: 3.355 $\pm$ 1.346 χ^2 /NDF: 15.9/18

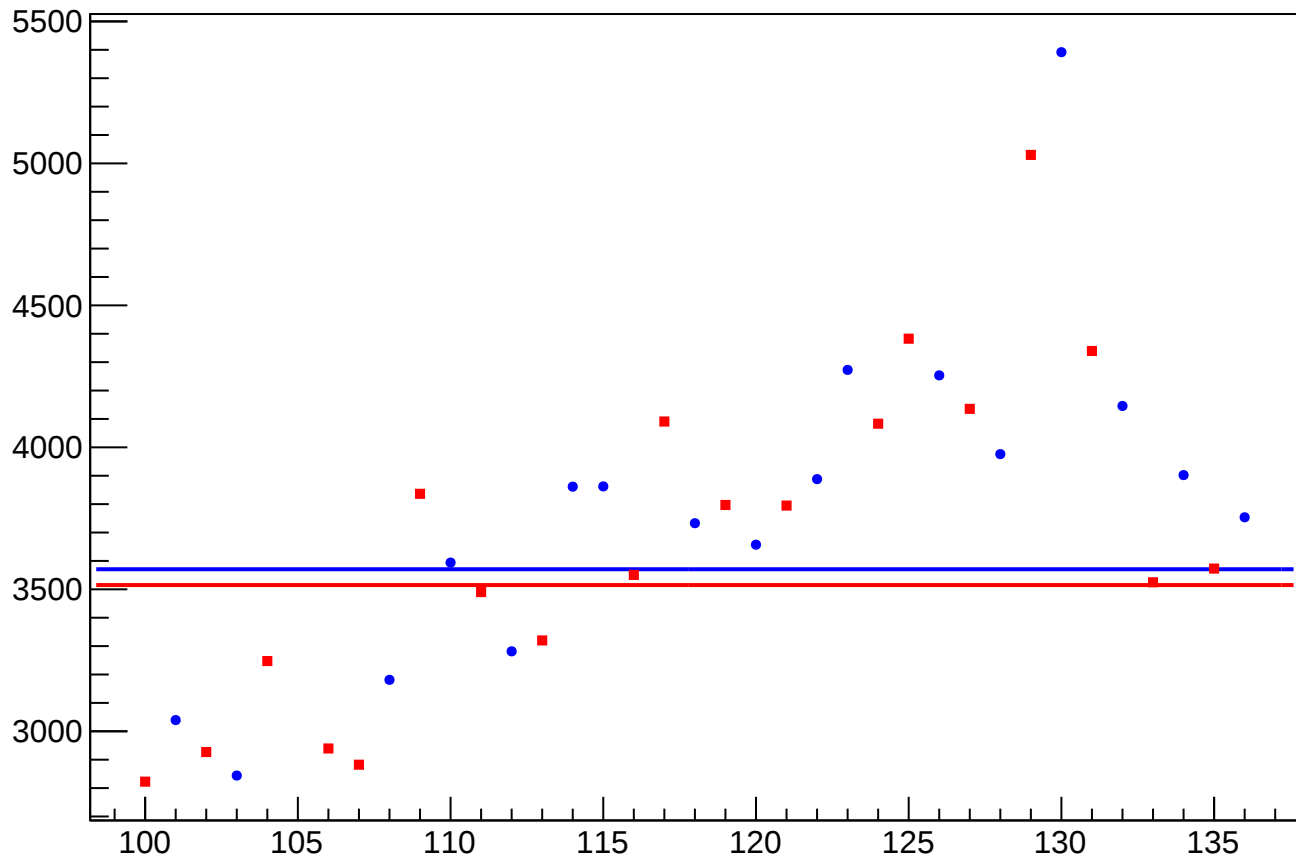
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.142 $\pm$ 1.395 χ^2 /NDF: 23.2/16

2.288 $\pm$ 0.969 χ^2 /NDF: 40.4/35

3.355 $\pm$ 1.346 χ^2 /NDF: 15.9/18

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3570.707 $\pm$ 0.987 χ^2 /NDF: 309568.0/16

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

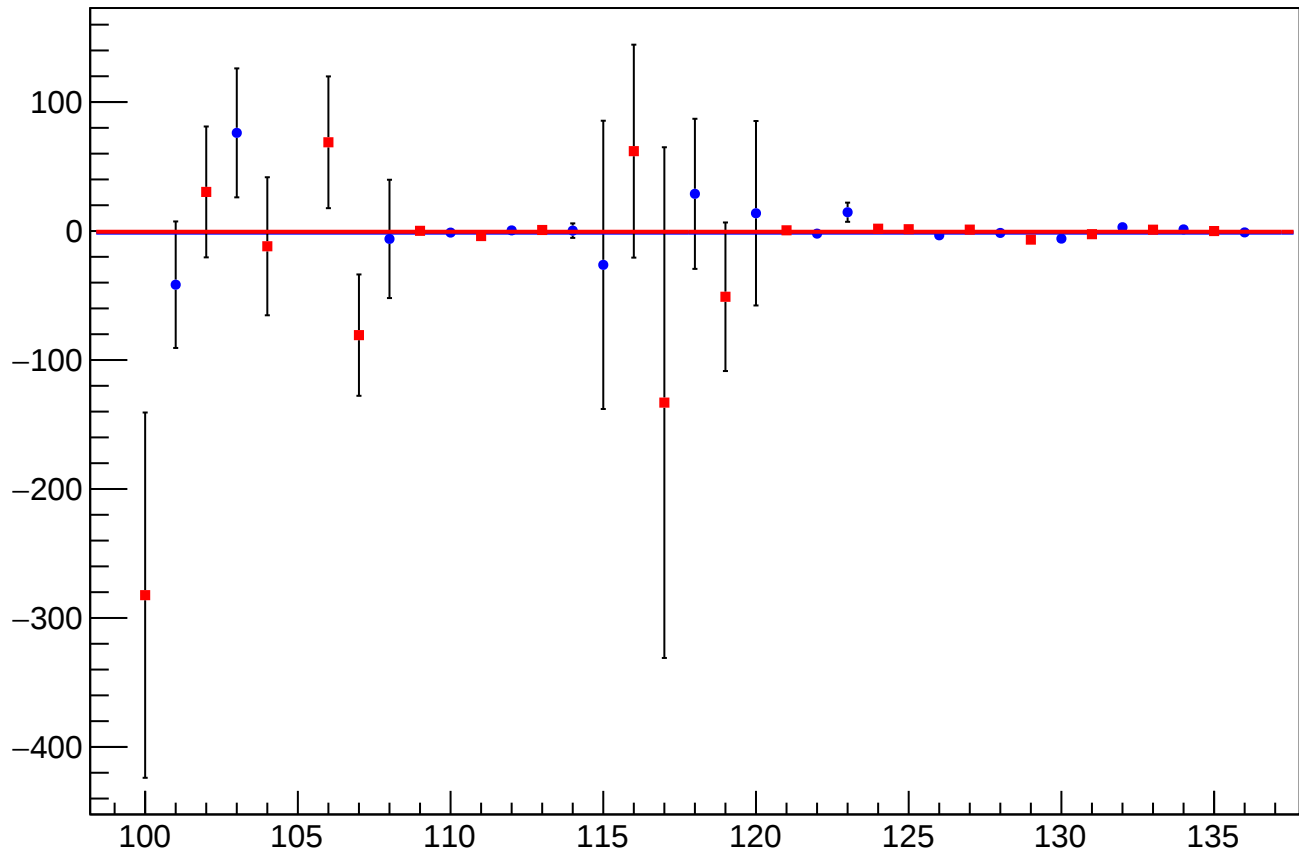
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3570.707 $\pm$ 0.987 χ^2 /NDF: 309568.0/16

3541.857 $\pm$ 0.685 χ^2 /NDF: 604295.7/35

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

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.261+/-0.748 χ^2 /NDF: 16.3/16

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

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

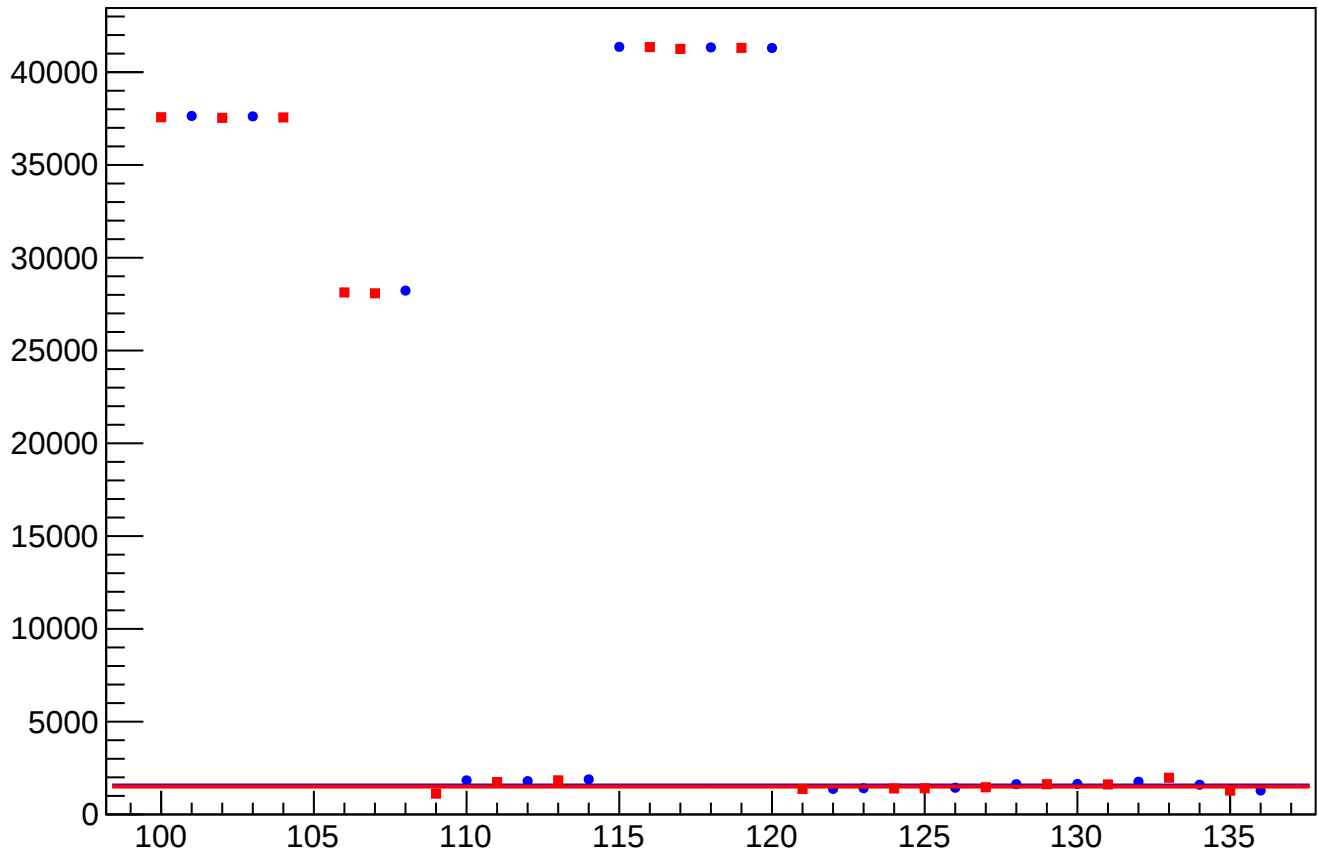
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.261+/-0.748 χ^2 /NDF: 16.3/16

-0.899+/-0.522 χ^2 /NDF: 38.1/35

-0.555+/-0.729 χ^2 /NDF: 21.3/18

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1558.988+/-0.529 χ^2/NDF : 4753669.7/16

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

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

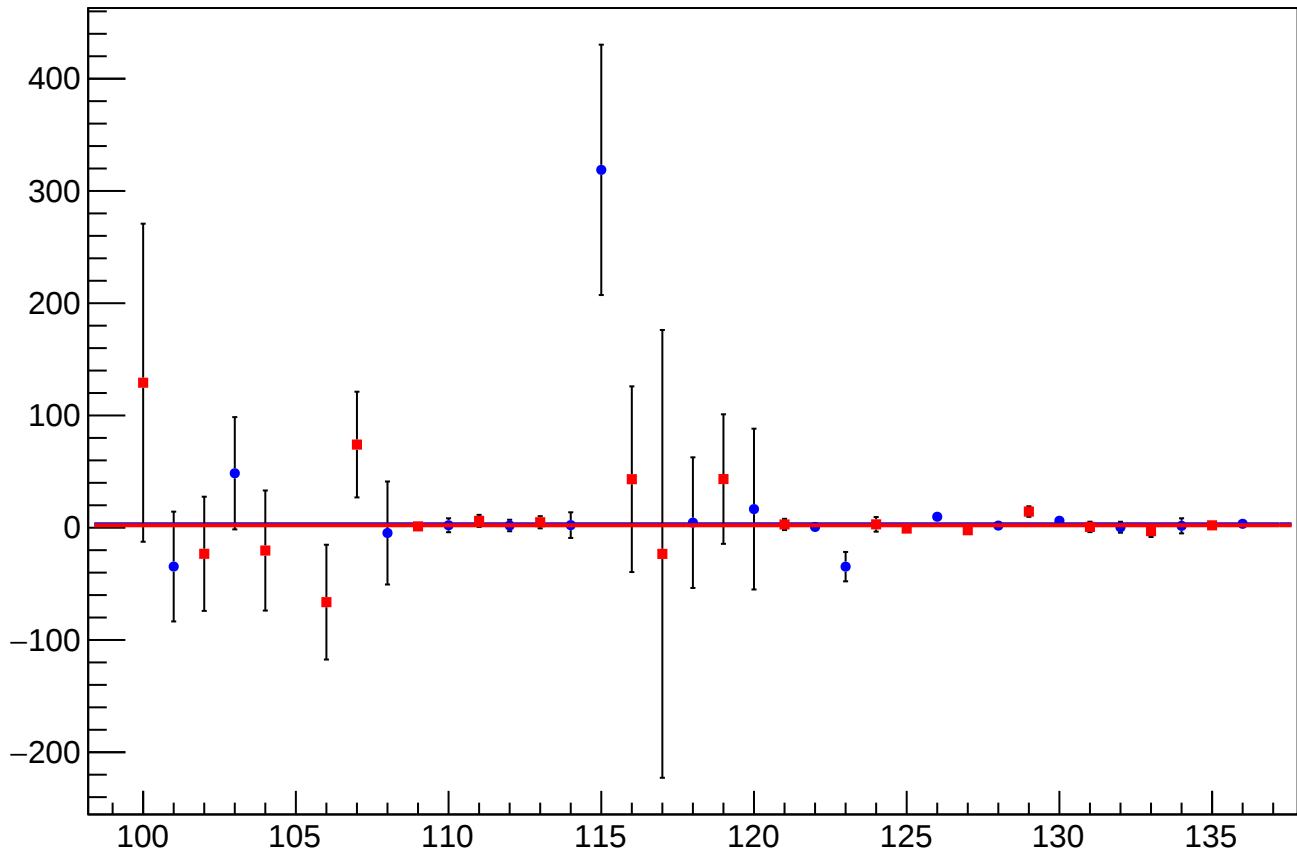
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1558.988+/-0.529 χ^2/NDF : 4753669.7/16

1530.028+/-0.369 χ^2/NDF : 9729162.3/35

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 3.075+/-1.323 χ^2/NDF : 21.9/16

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

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

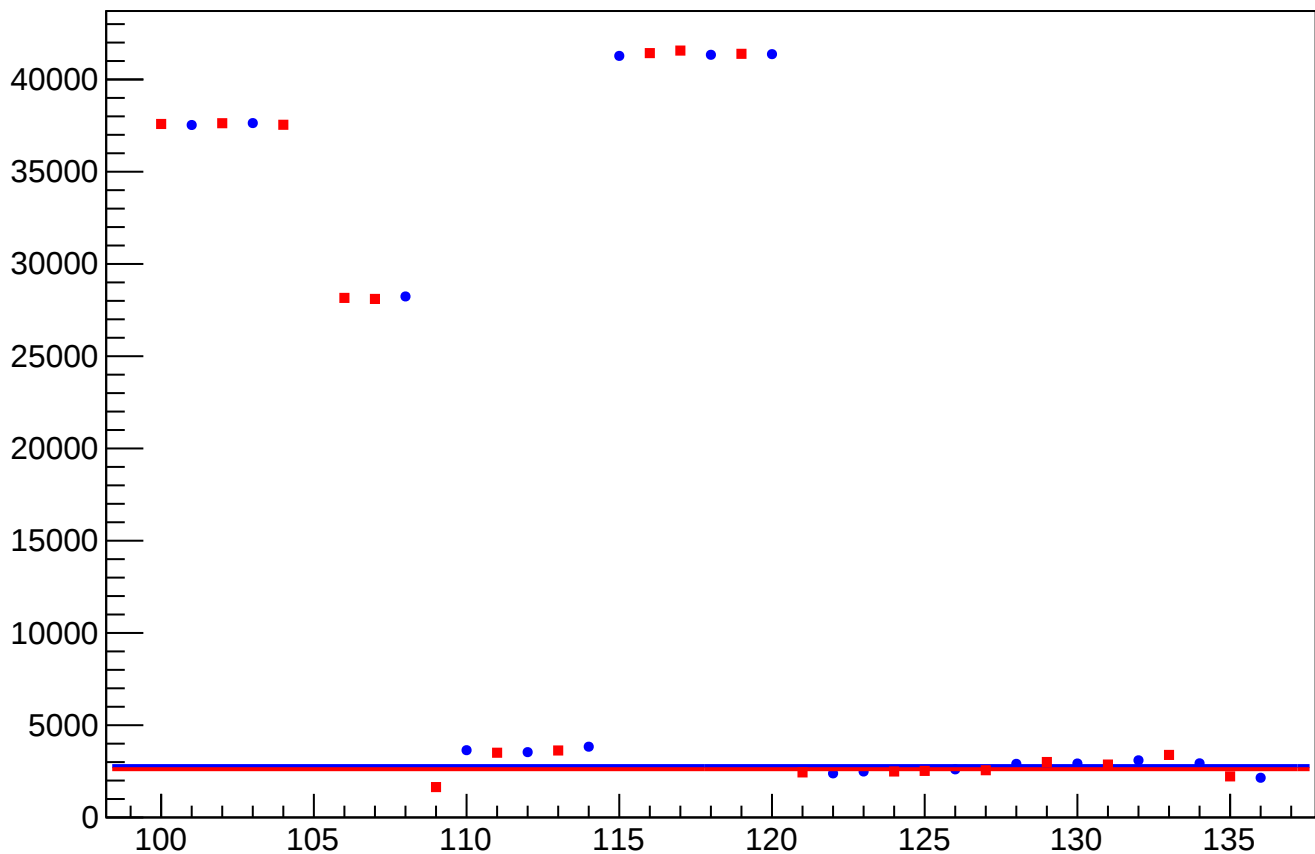
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.075+/-1.323 χ^2/NDF : 21.9/16

2.604+/-0.917 χ^2/NDF : 38.9/35

2.169+/-1.272 χ^2/NDF : 16.7/18

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 2783.989+/-0.936 χ^2/NDF : 4577424.2/16

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

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

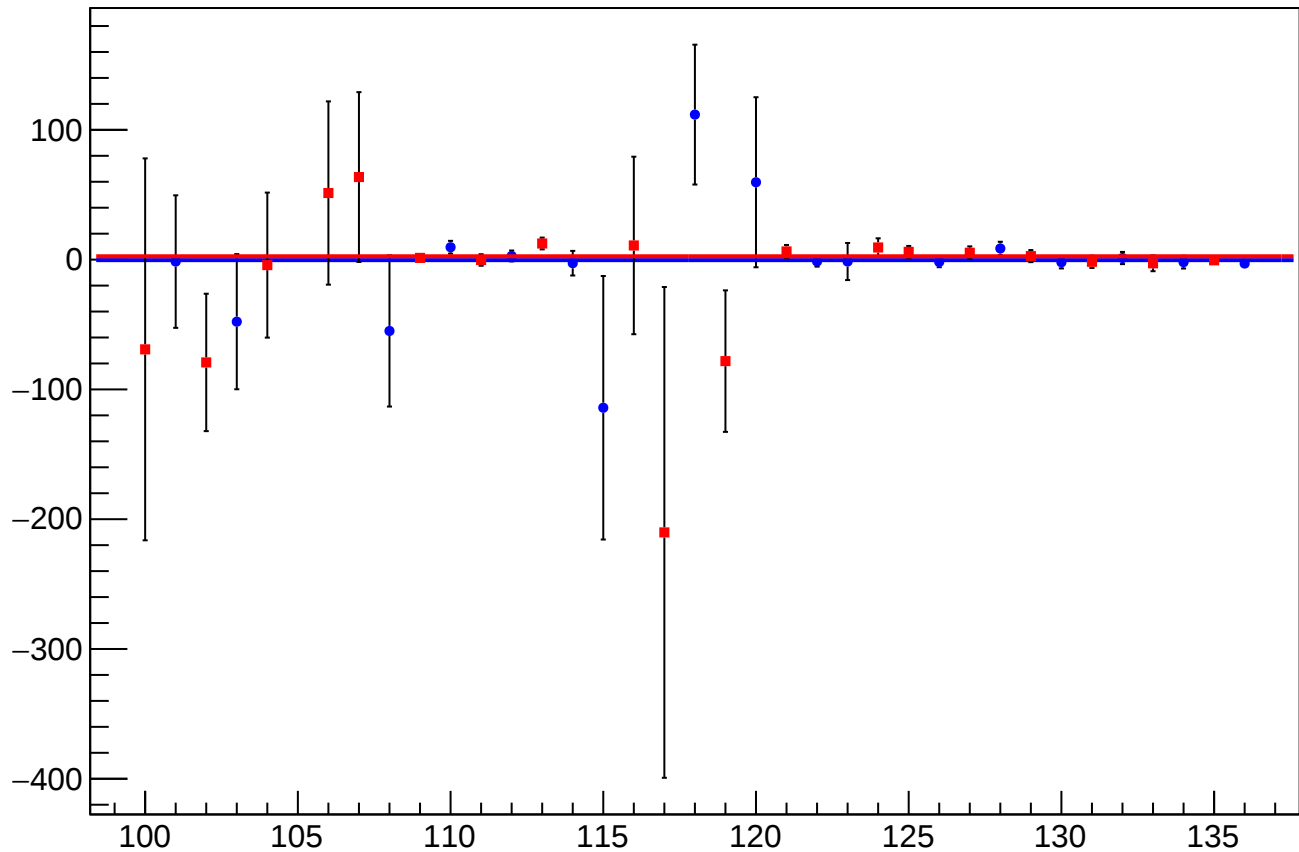
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2783.989+/-0.936 χ^2/NDF : 4577424.2/16

2696.738+/-0.649 χ^2/NDF : 9505687.5/35

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

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -0.403 ± 1.218 χ^2/NDF : 18.3/16

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

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

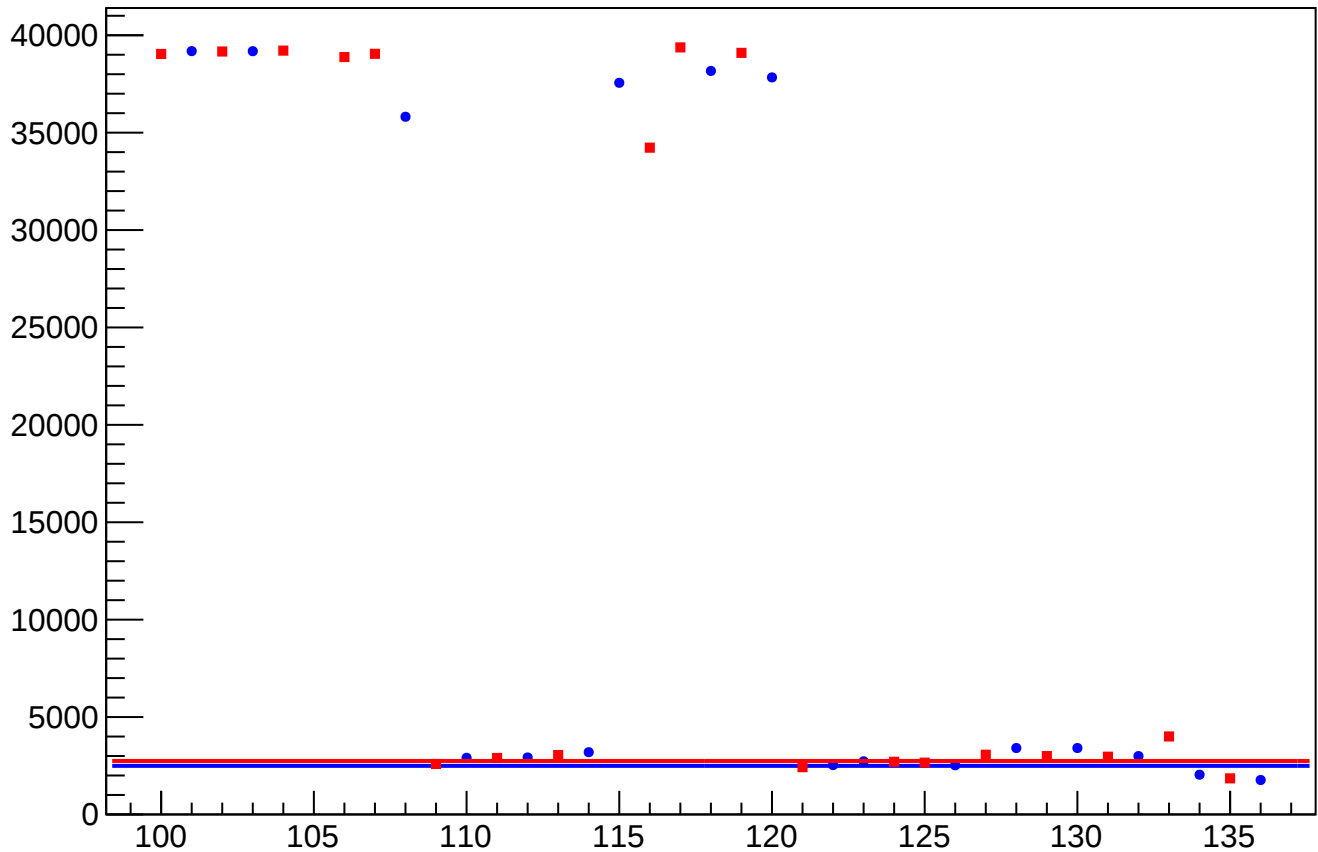
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.403 ± 1.218 χ^2/NDF : 18.3/16

0.980 ± 0.894 χ^2/NDF : 39.1/35

2.597 ± 1.316 χ^2/NDF : 18.0/18

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2495.603+/-0.861 χ^2 /NDF: 4882334.6/16

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

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

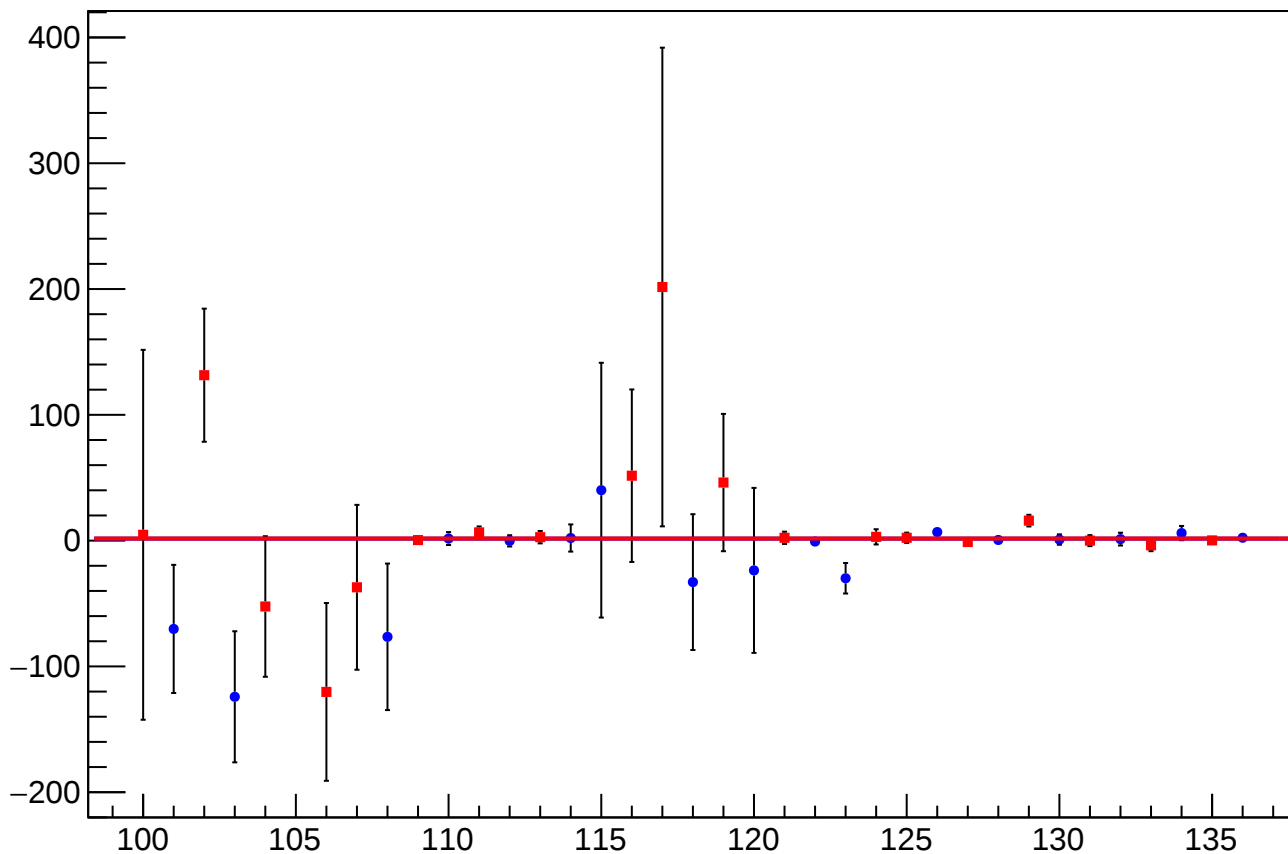
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2495.603+/-0.861 χ^2 /NDF: 4882334.6/16

2611.318+/-0.632 χ^2 /NDF: 9719589.9/35

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

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.576+/-1.143 χ^2/NDF : 20.3/16

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

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

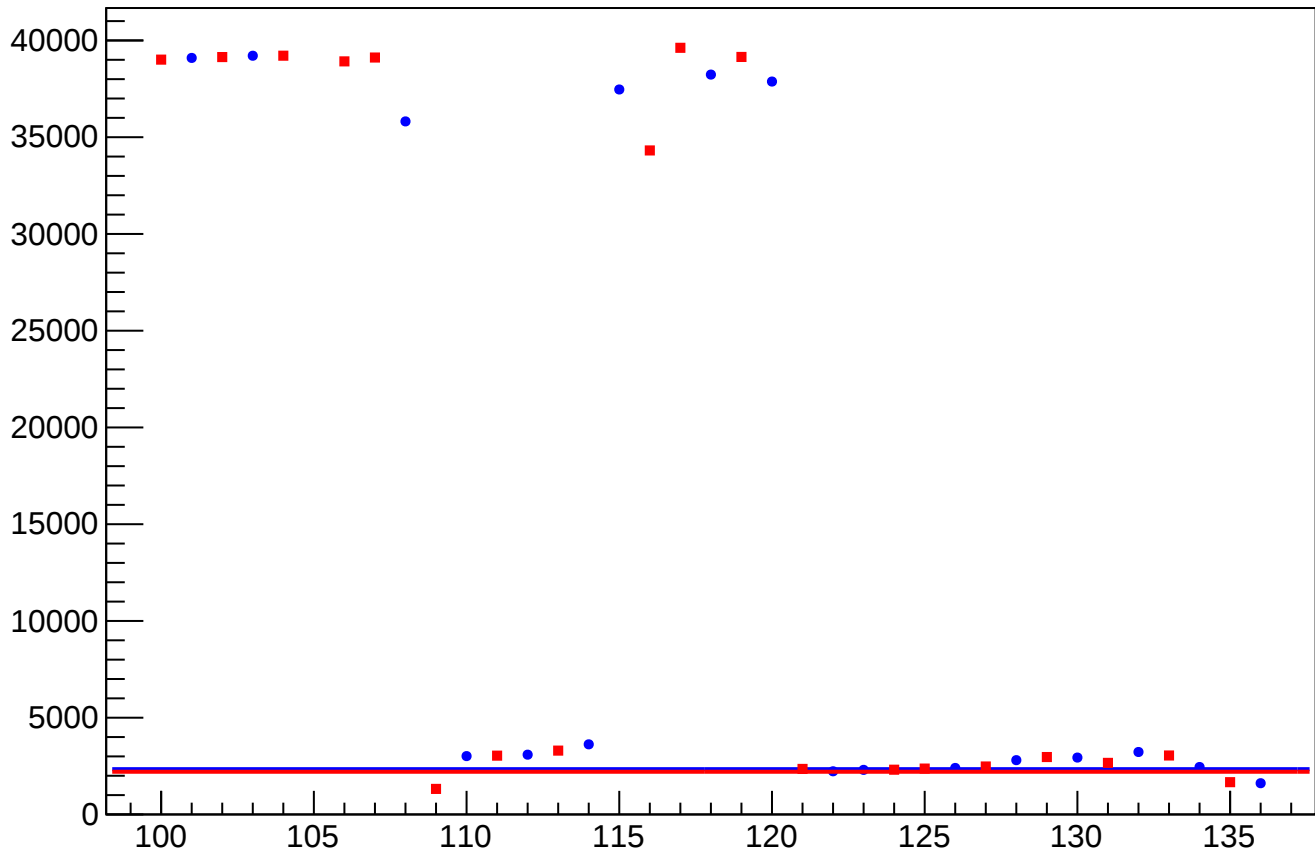
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.576+/-1.143 χ^2/NDF : 20.3/16

1.623+/-0.795 χ^2/NDF : 46.3/35

1.666+/-1.107 χ^2/NDF : 25.9/18

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2341.130+/-0.808 χ^2/NDF : 5006864.7/16

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

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

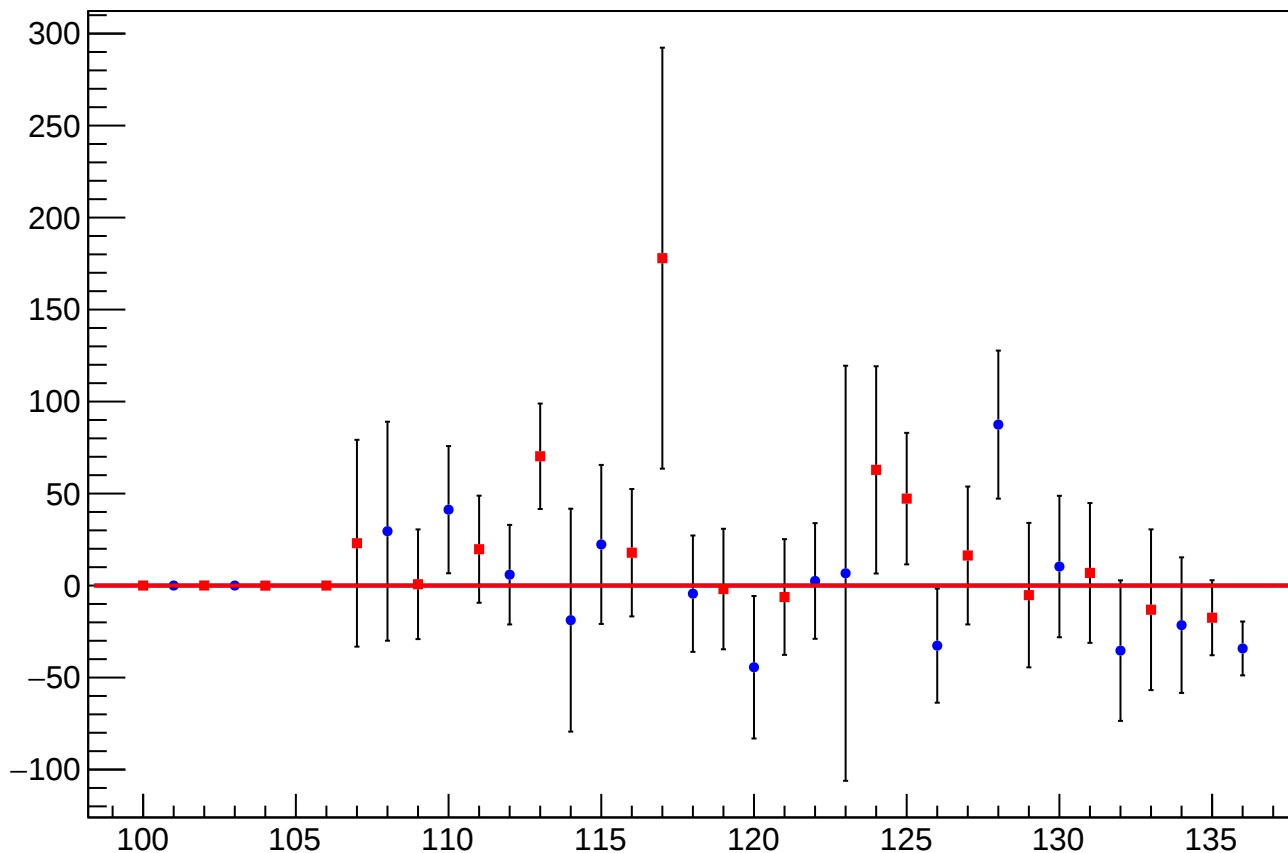
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2341.130+/-0.808 χ^2/NDF : 5006864.7/16

2271.907+/-0.562 χ^2/NDF : 10356447.8/3

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 : 16.2/16

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

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

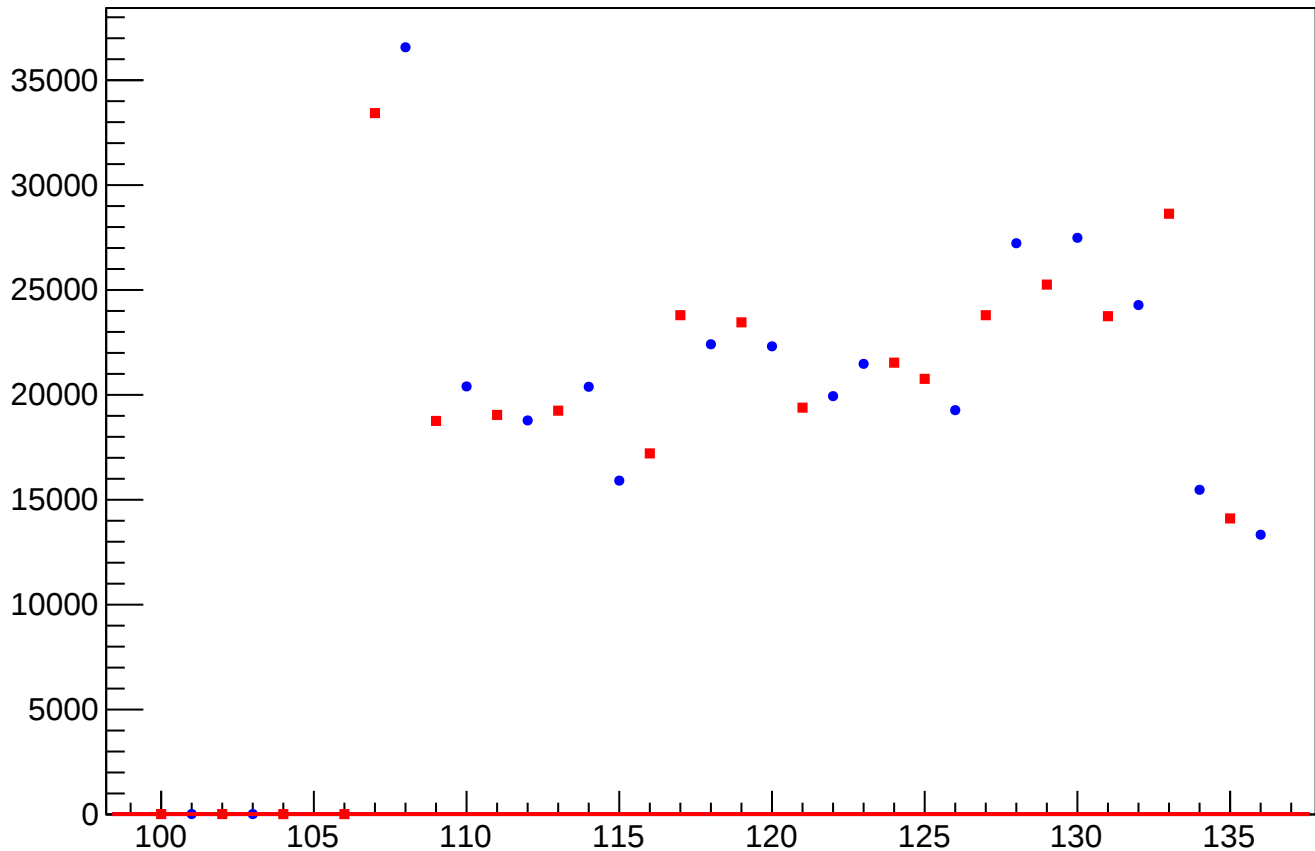
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 16.2/16

0.004+/-0.012 χ^2/NDF : 34.9/35

-0.003+/-0.016 χ^2/NDF : 18.3/18

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.642 $\pm$ 0.012 χ^2 /NDF: 10984160.5/16

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

Right Out: 18.308 $\pm$ 0.011 χ^2 /NDF: 10820702.6/18

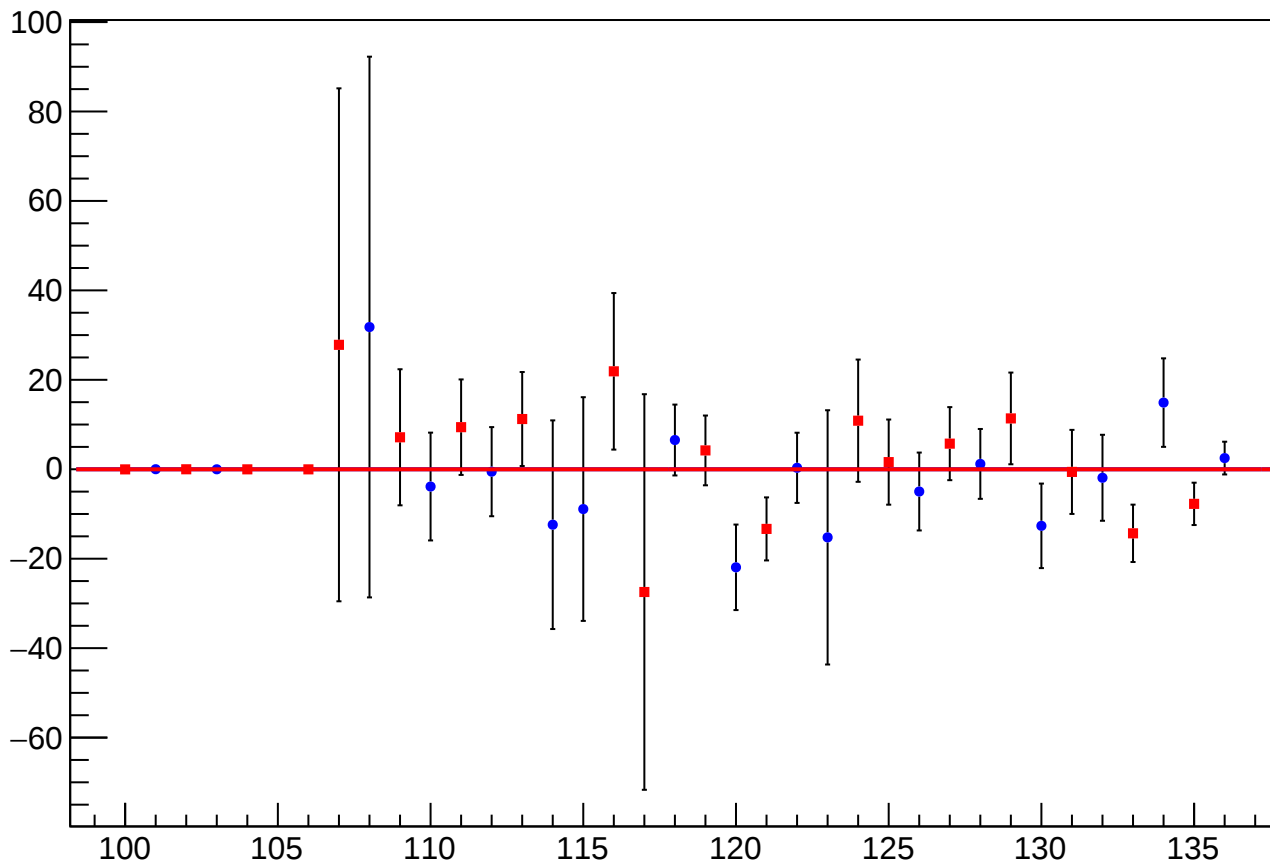
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

18.642 $\pm$ 0.012 χ^2 /NDF: 10984160.5/16

18.462 $\pm$ 0.008 χ^2 /NDF: 21805261.3/35

18.308 $\pm$ 0.011 χ^2 /NDF: 10820702.6/18

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 13.0/16

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

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

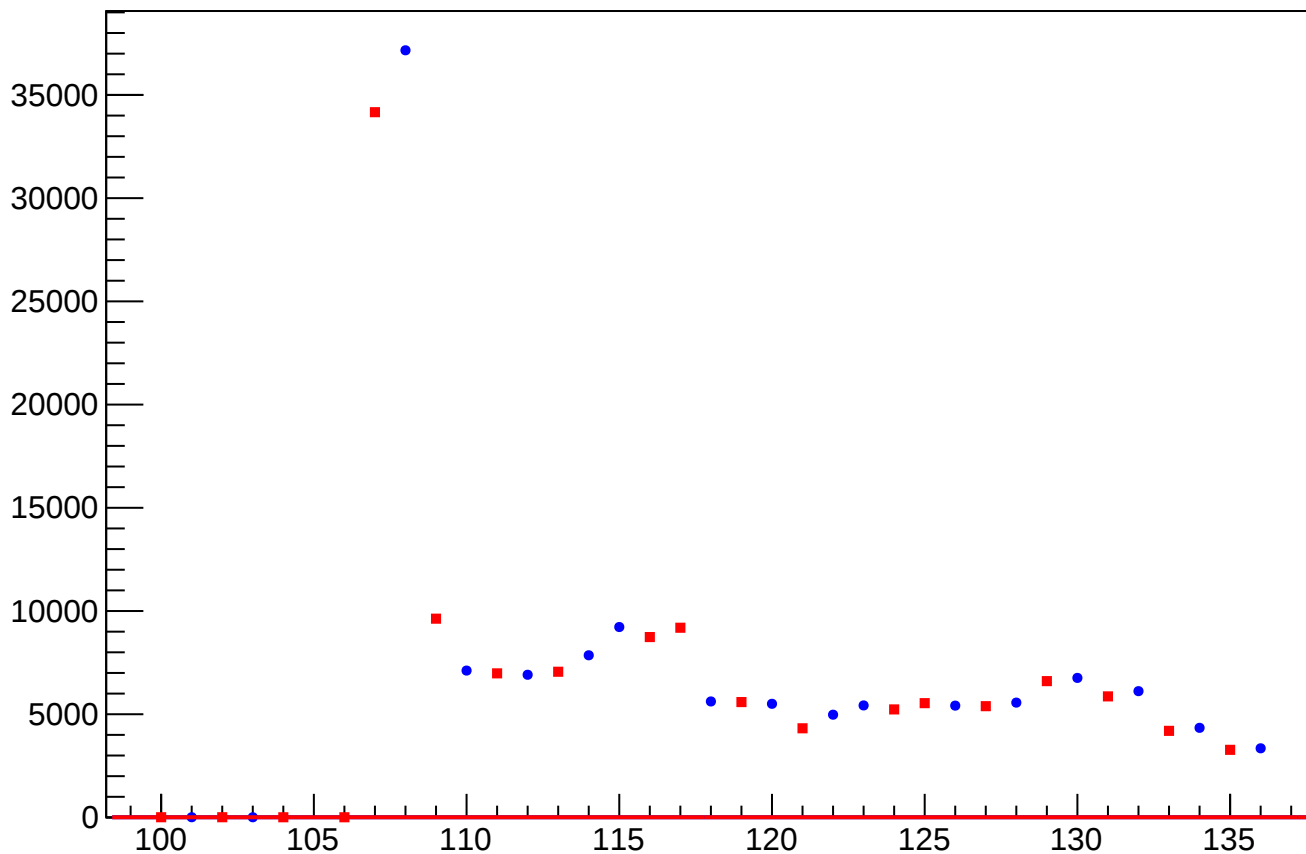
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 13.0/16

-0.007+/-0.006 χ^2/NDF : 33.4/35

-0.014+/-0.009 χ^2/NDF : 18.9/18

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.939+/-0.007 χ^2/NDF : 11114526.8/16

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

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

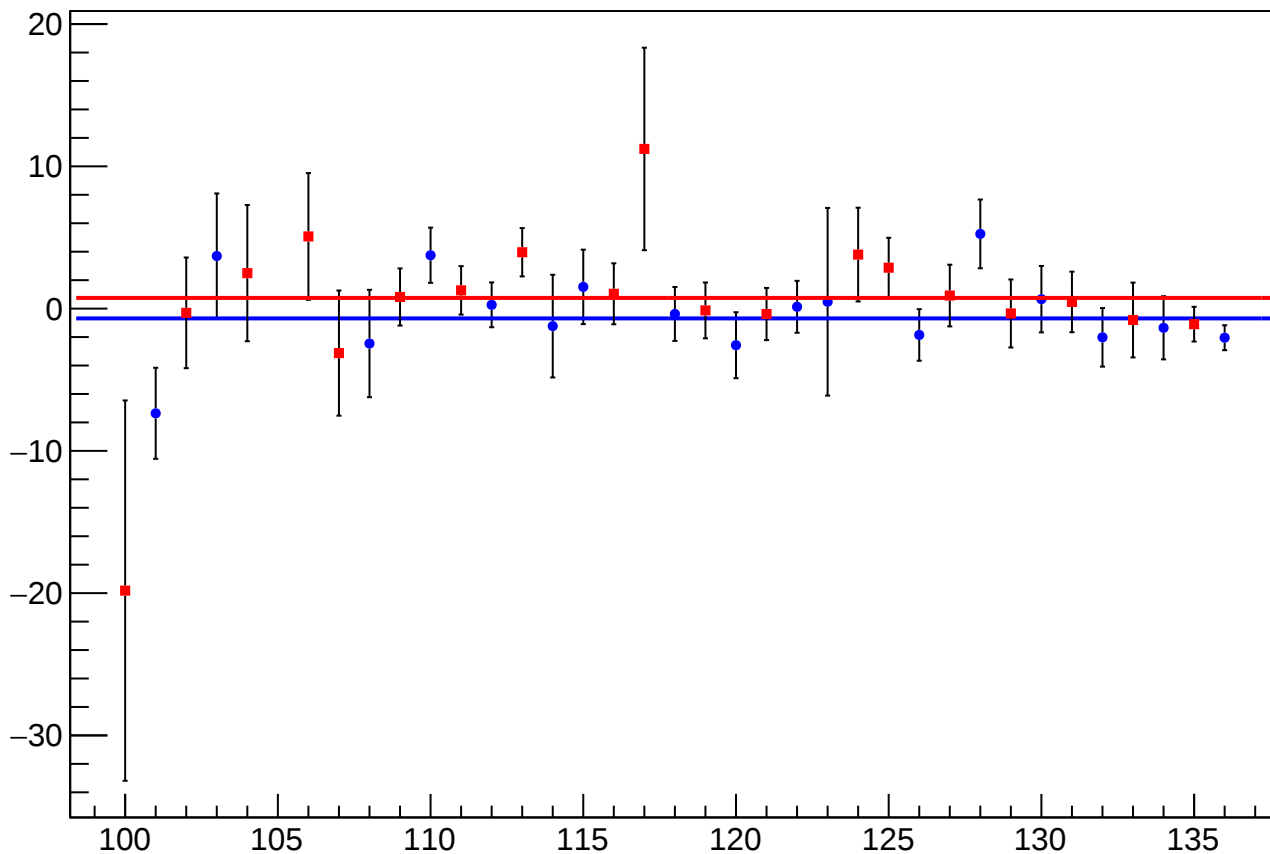
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.939+/-0.007 χ^2/NDF : 11114526.8/16

9.892+/-0.004 χ^2/NDF : 21985337.9/35

9.851+/-0.006 χ^2/NDF : 10870712.9/18

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.689 ± 0.482 χ^2/NDF : 22.5/16

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

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

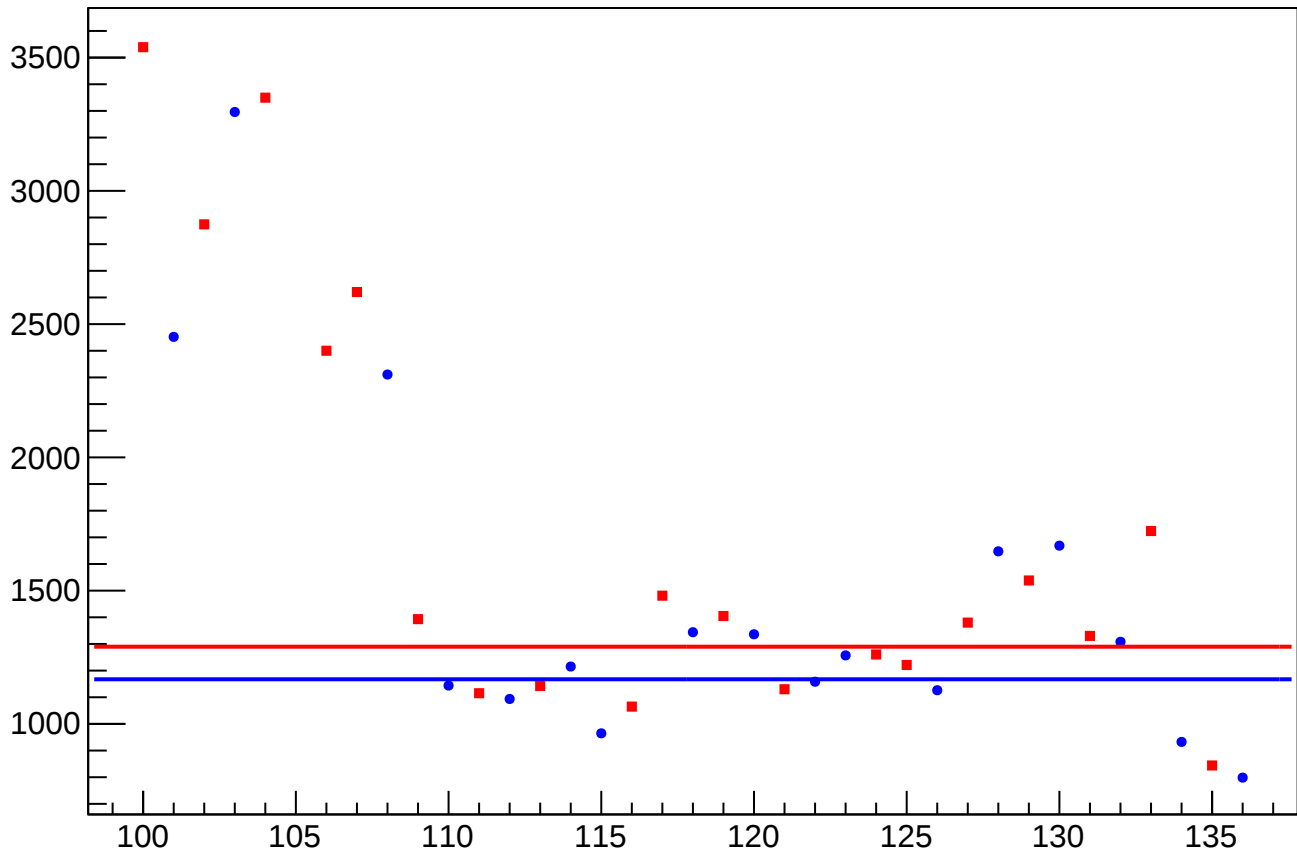
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.689 ± 0.482 χ^2/NDF : 22.5/16

-0.023 ± 0.354 χ^2/NDF : 42.1/35

0.752 ± 0.520 χ^2/NDF : 15.5/18

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1167.397 $\pm$ 0.341 χ^2 /NDF: 1578328.1/16

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

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

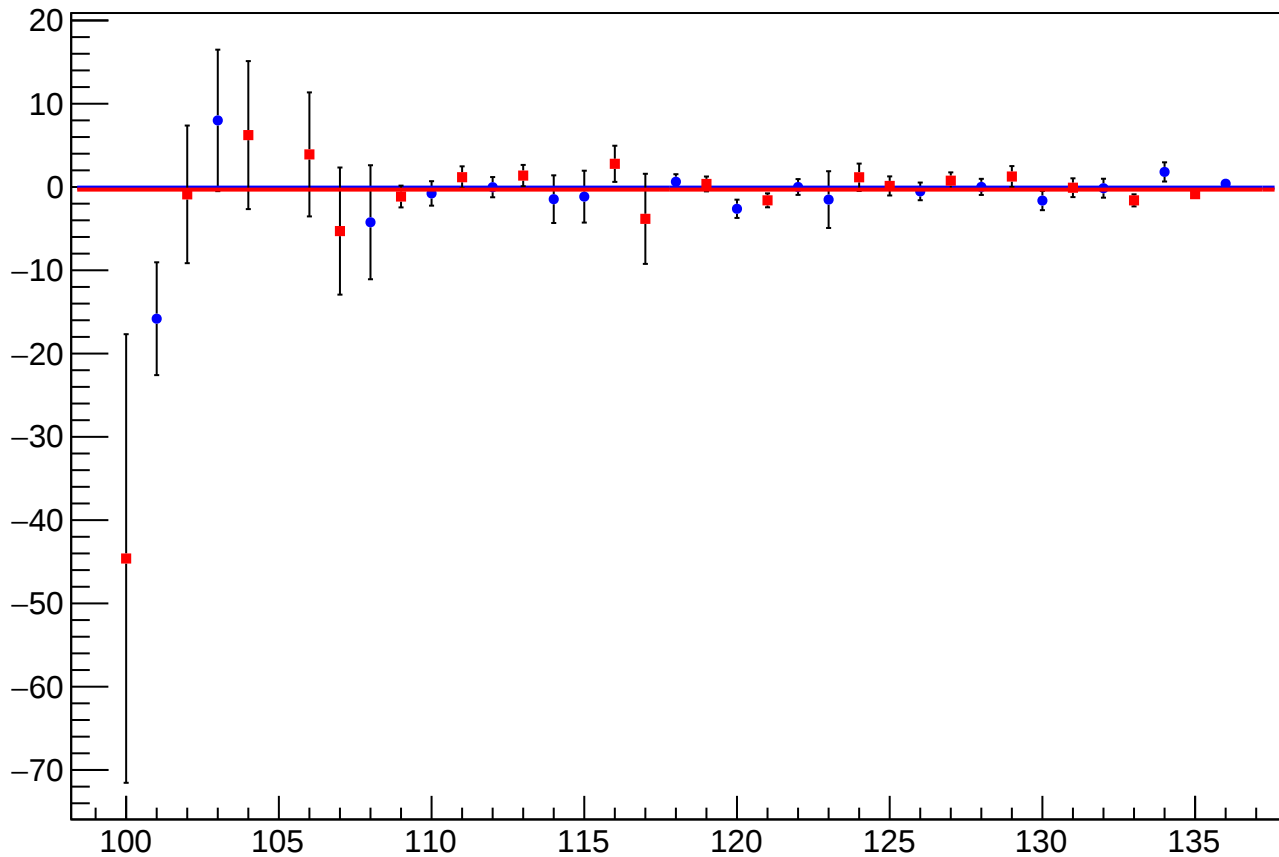
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1167.397 $\pm$ 0.341 χ^2 /NDF: 1578328.1/16

1223.915 $\pm$ 0.250 χ^2 /NDF: 3140749.8/35

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

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.269 χ^2/NDF : 19.2/16

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

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

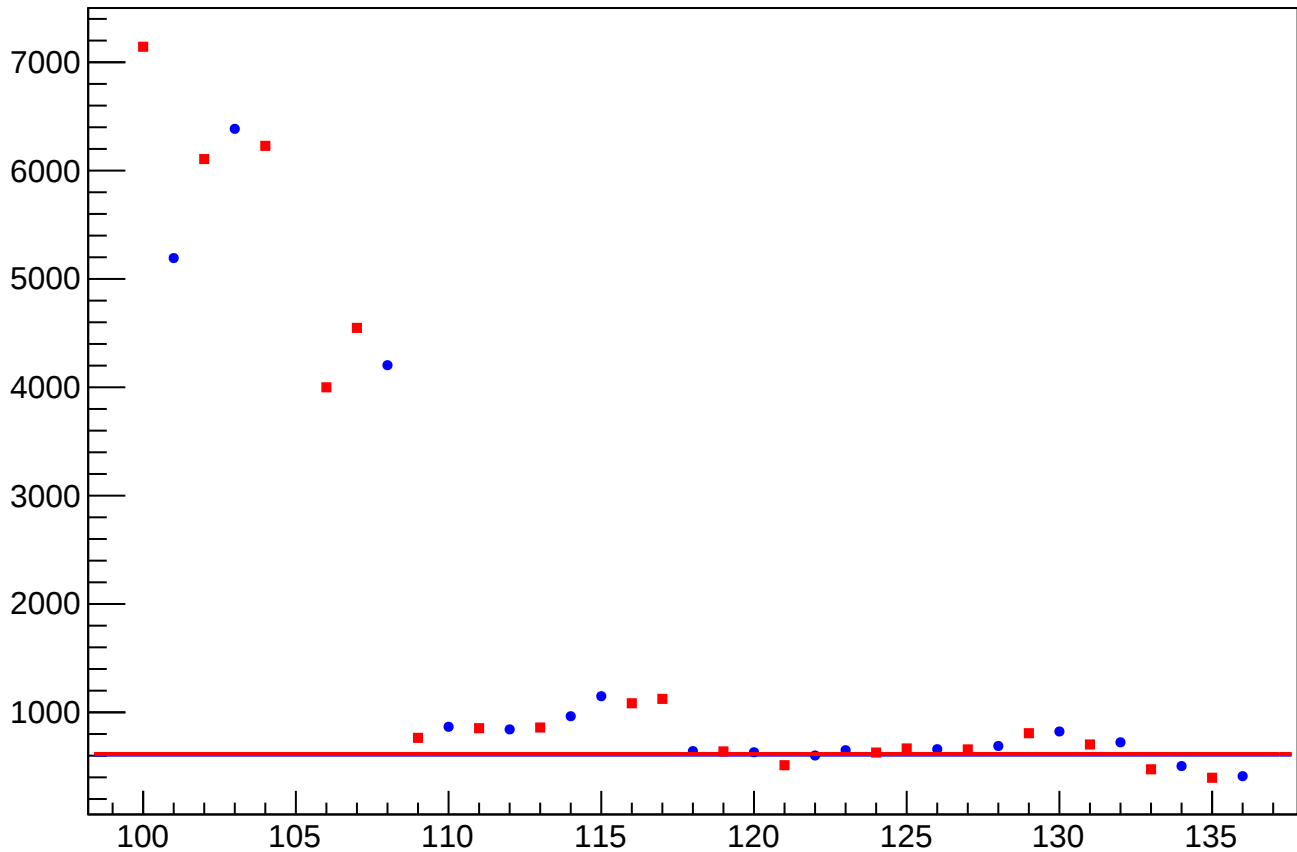
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.072 ± 0.269 χ^2/NDF : 19.2/16

-0.190 ± 0.192 χ^2/NDF : 40.3/35

-0.313 ± 0.274 χ^2/NDF : 20.7/18

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 609.780+/-0.190 χ^2/NDF : 3135978.5/16

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

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

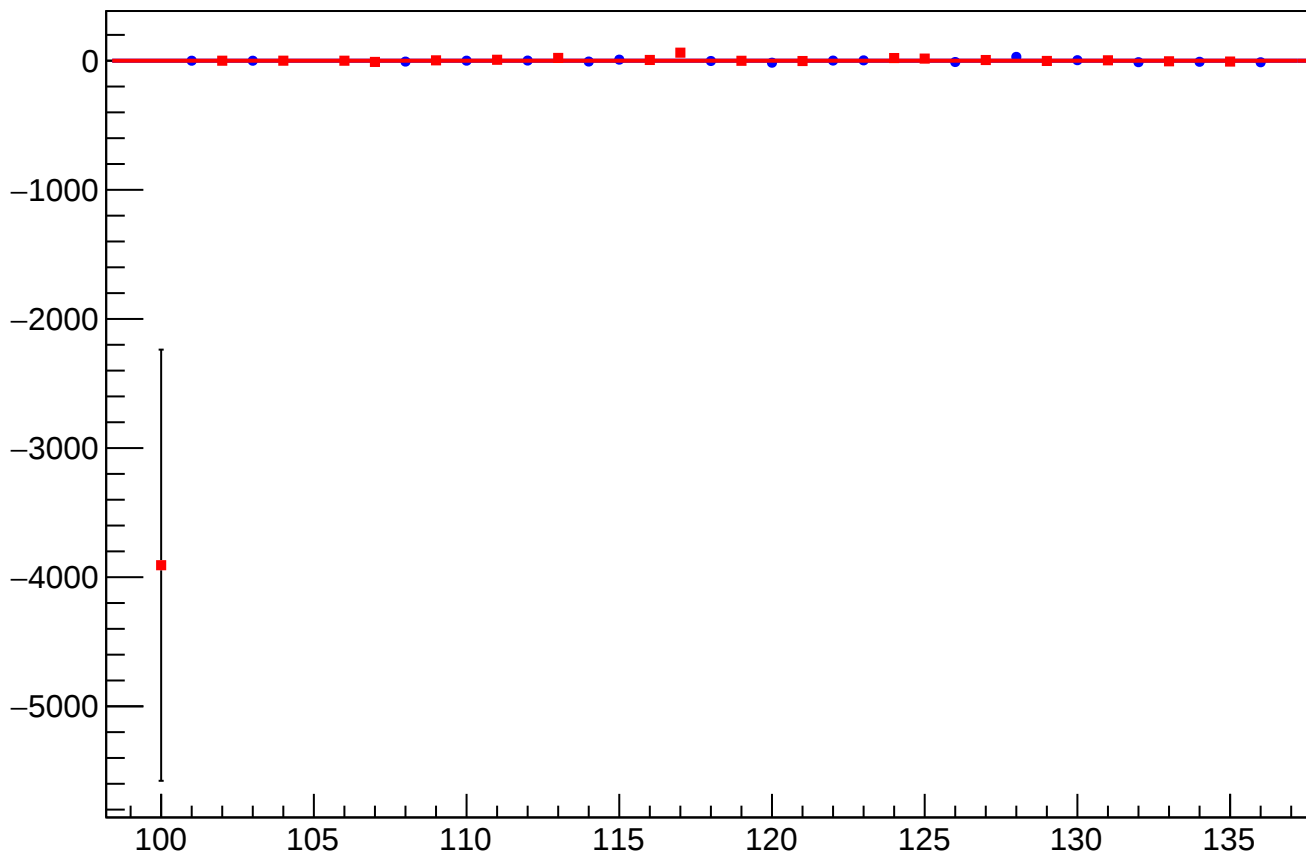
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

609.780+/-0.190 χ^2/NDF : 3135978.5/16

612.765+/-0.136 χ^2/NDF : 6623448.7/35

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

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.021 χ^2 /NDF: 15.6/16

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

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 20.4/18

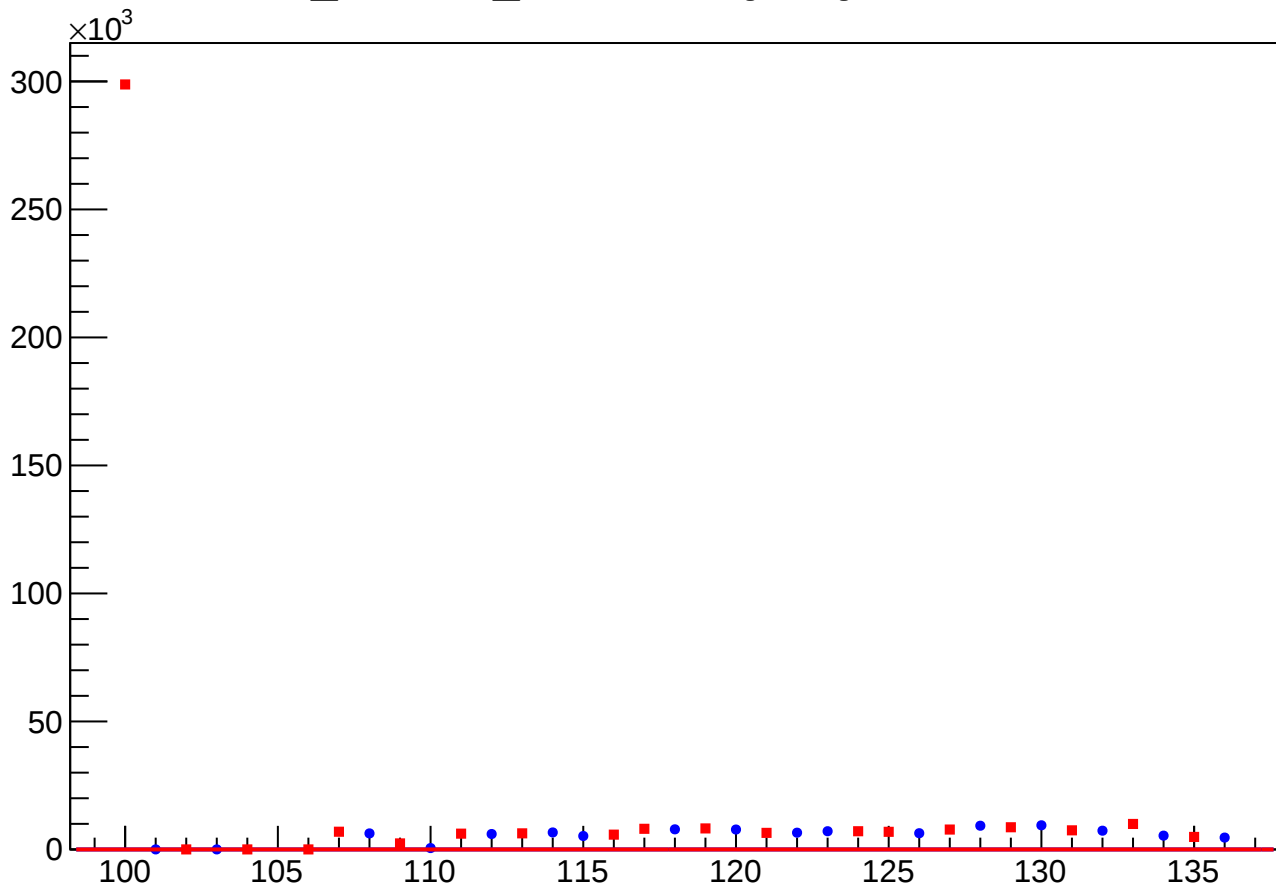
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.022 $\pm$ 0.021 χ^2 /NDF: 15.6/16

0.004 $\pm$ 0.014 χ^2 /NDF: 38.9/35

0.027 $\pm$ 0.020 χ^2 /NDF: 20.4/18

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.341 $\pm$ 0.015 χ^2 /NDF: 10501445.0/16

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

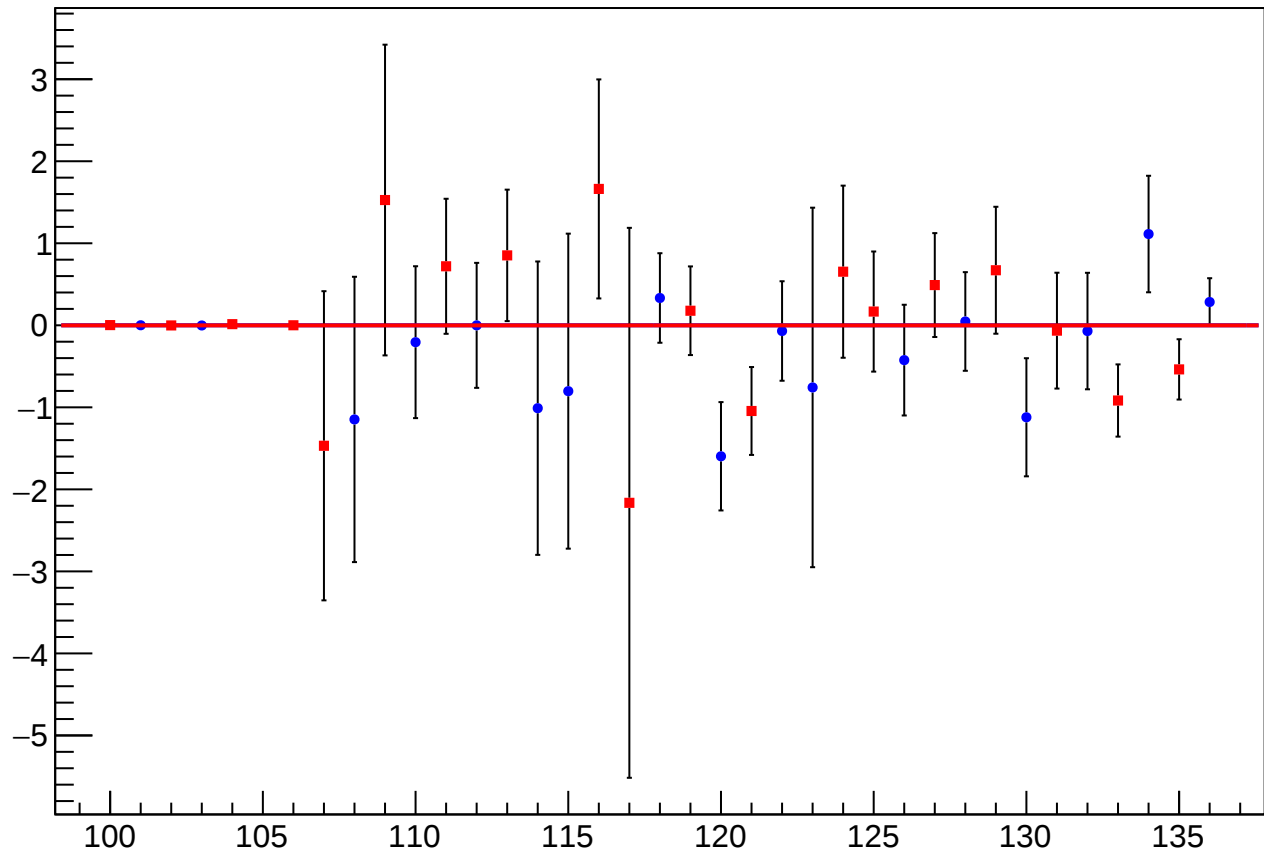
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.341 $\pm$ 0.015 χ^2 /NDF: 10501445.0/16

17.295 $\pm$ 0.010 χ^2 /NDF: 21033713.7/35

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

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 13.8/16

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

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 18.3/18

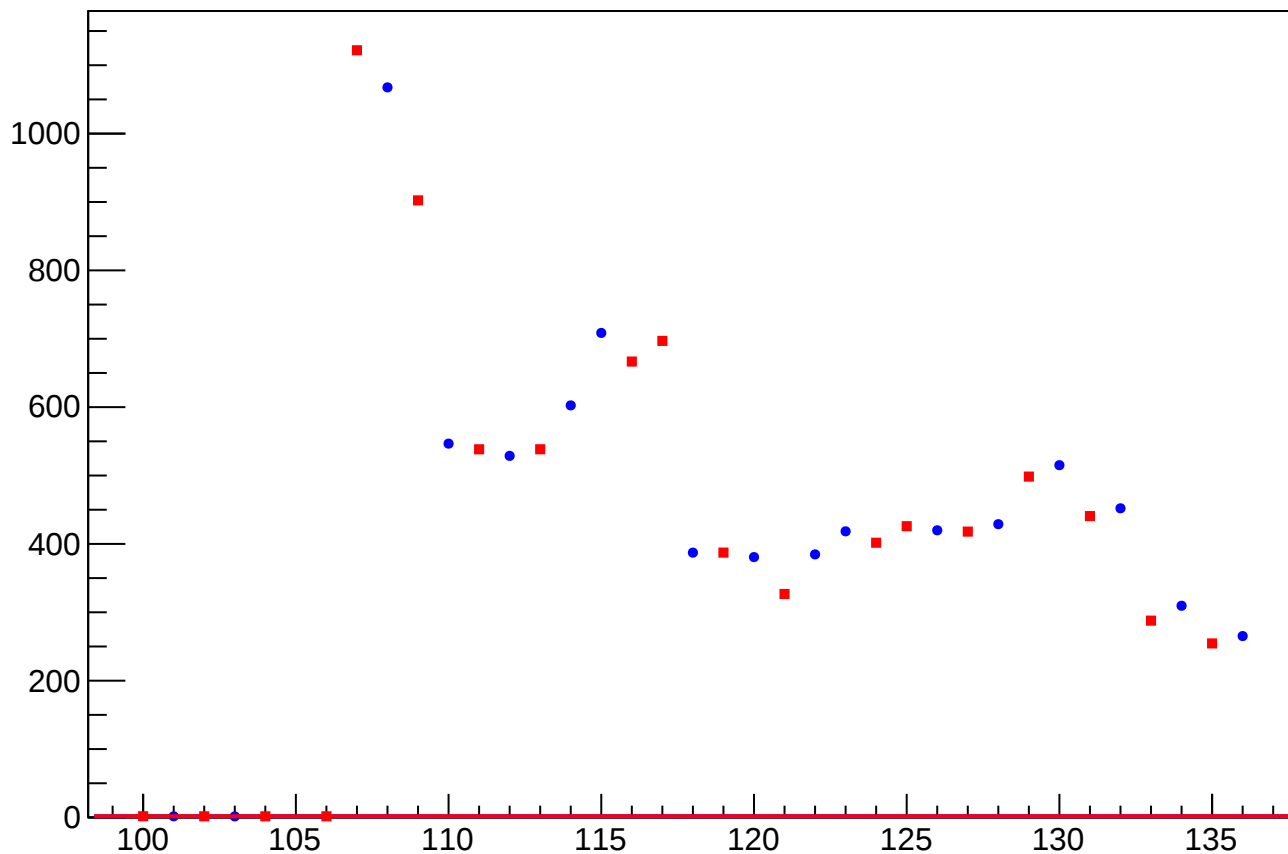
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 13.8/16

-0.000 $\pm$ 0.001 χ^2 /NDF: 32.2/35

-0.001 $\pm$ 0.002 χ^2 /NDF: 18.3/18

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.699+/-0.001 χ^2/NDF : 11053026.2/16

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

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

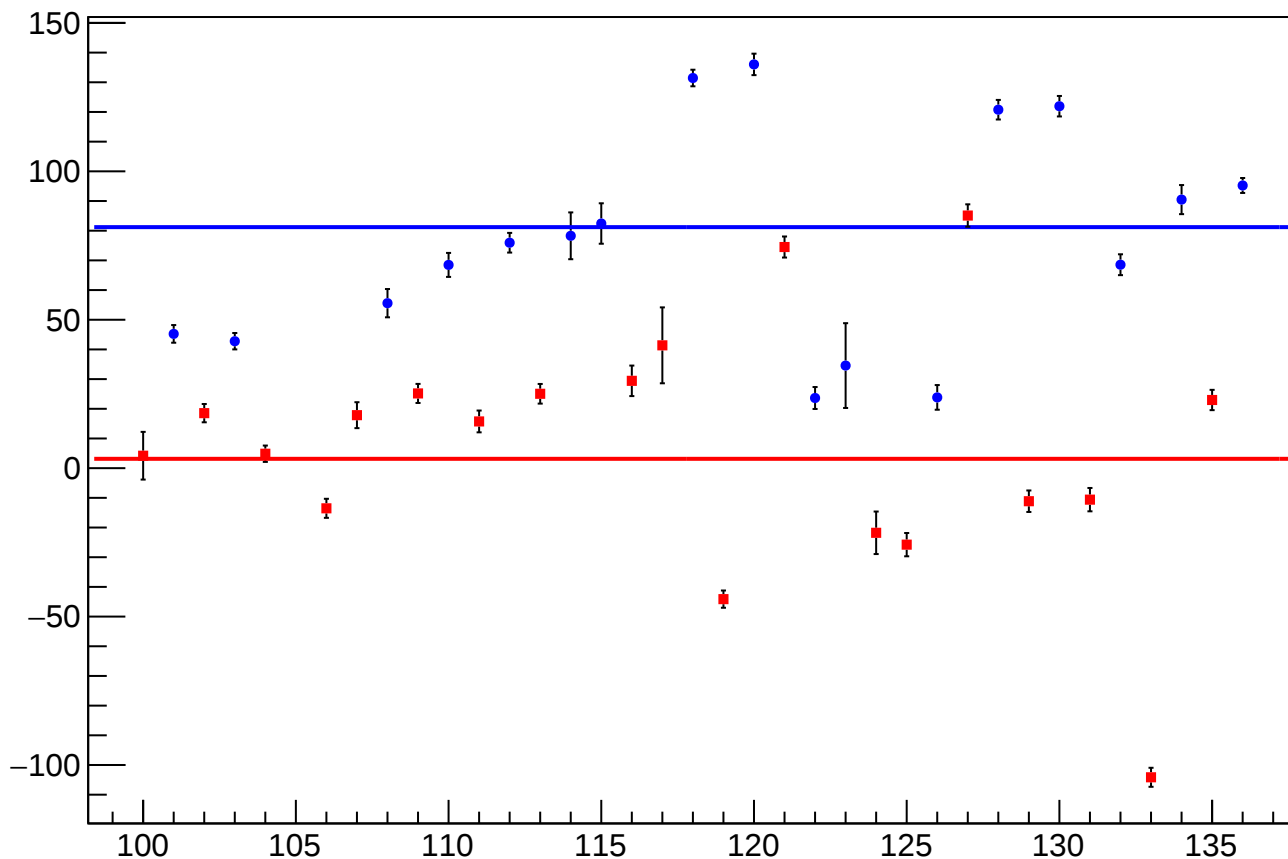
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.699+/-0.001 χ^2/NDF : 11053026.2/16

1.713+/-0.001 χ^2/NDF : 21510567.0/35

1.726+/-0.001 χ^2/NDF : 10457358.2/18

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 81.201 $\pm$ 0.886 χ^2 /NDF: 1709.8/16

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

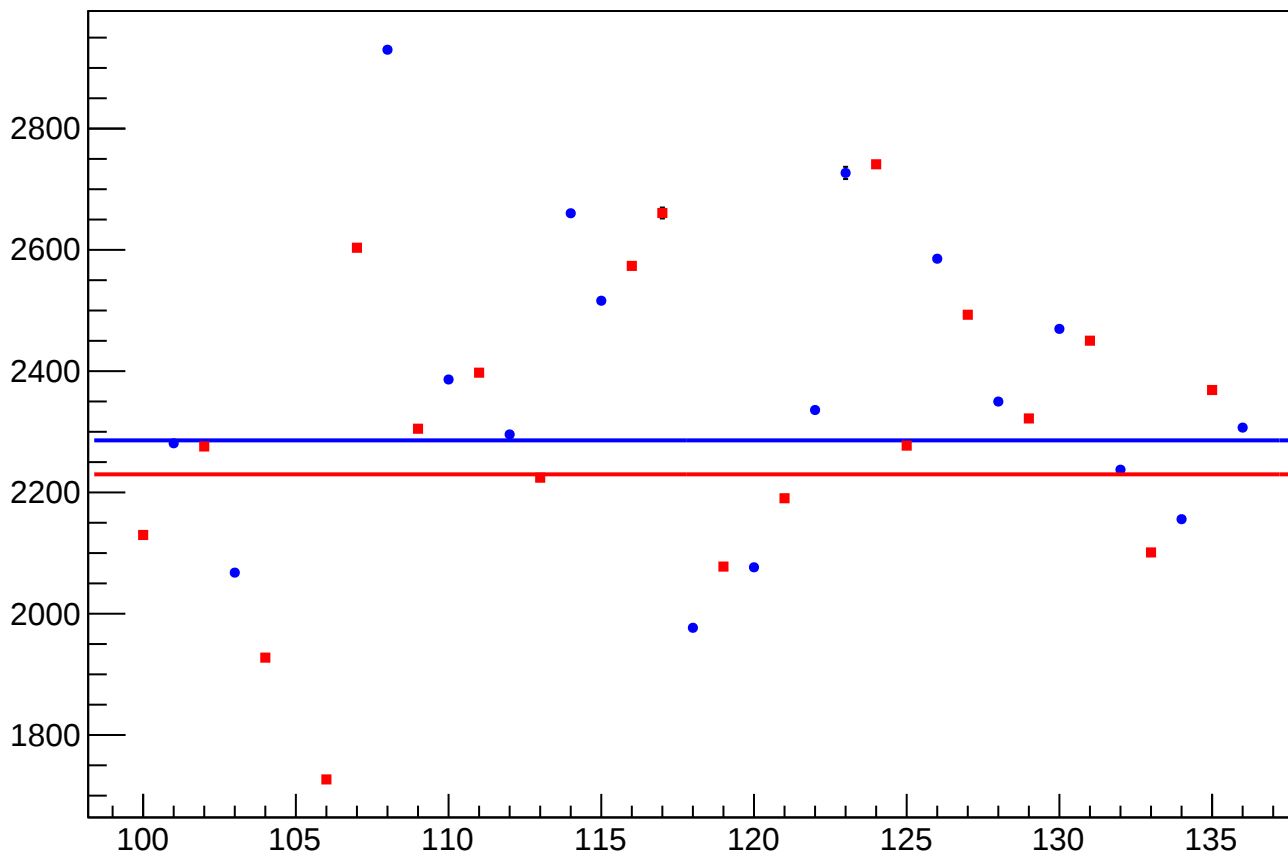
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

81.201 $\pm$ 0.886 χ^2 /NDF: 1709.8/16

40.567 $\pm$ 0.613 χ^2 /NDF: 8343.1/35

3.149 $\pm$ 0.850 χ^2 /NDF: 2590.2/18

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2285.855 $\pm$ 0.626 χ^2 /NDF: 109336.5/16

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

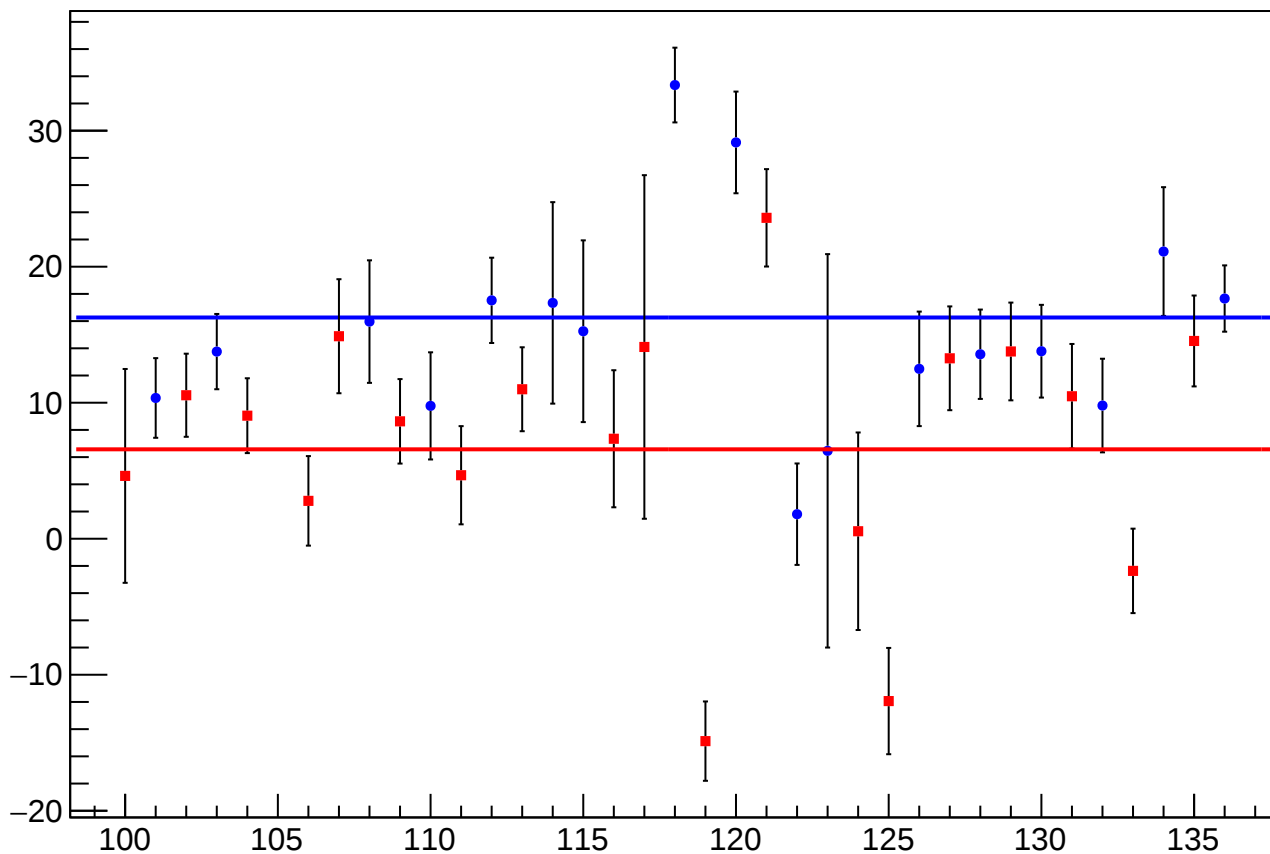
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2285.855 $\pm$ 0.626 χ^2 /NDF: 109336.5/16

2256.687 $\pm$ 0.434 χ^2 /NDF: 258599.2/35

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

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.265 $\pm$ 0.872 χ^2 /NDF: 80.8/16

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

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

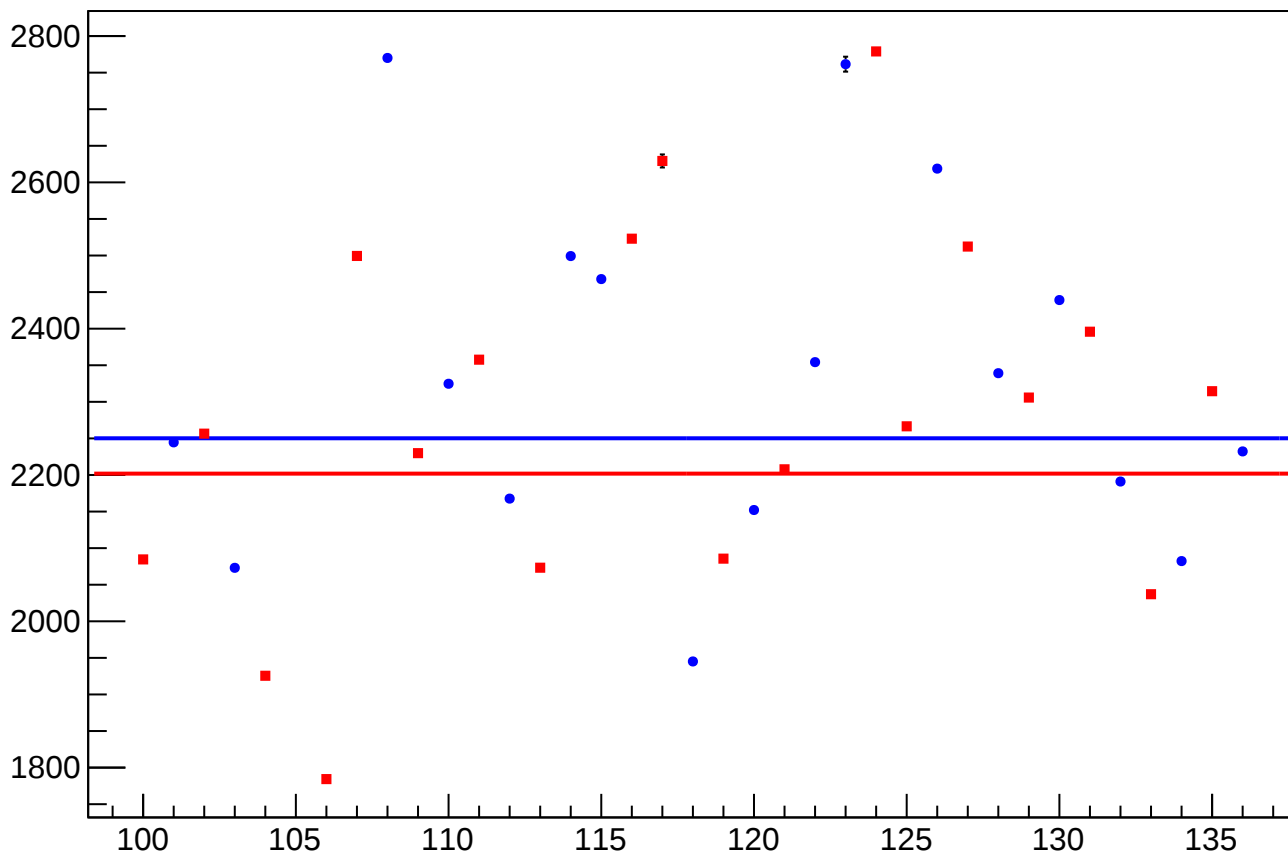
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.265 $\pm$ 0.872 χ^2 /NDF: 80.8/16

11.231 $\pm$ 0.604 χ^2 /NDF: 277.9/35

6.573 $\pm$ 0.838 χ^2 /NDF: 132.9/18

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2250.175 $\pm$ 0.616 χ^2 /NDF: 97578.1/16

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

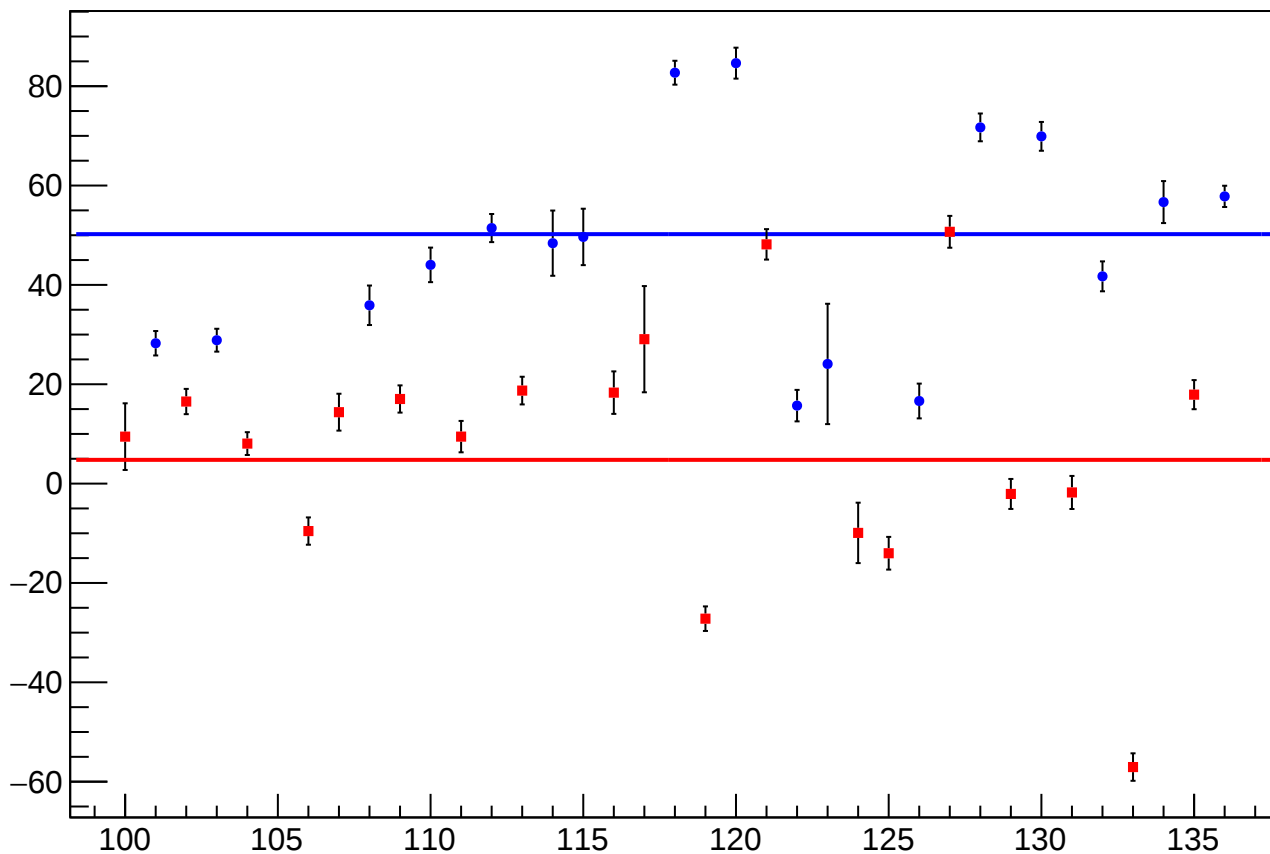
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2250.175 $\pm$ 0.616 χ^2 /NDF: 97578.1/16

2225.079 $\pm$ 0.427 χ^2 /NDF: 226349.6/35

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

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 50.215+/-0.751 χ^2/NDF : 830.3/16

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

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

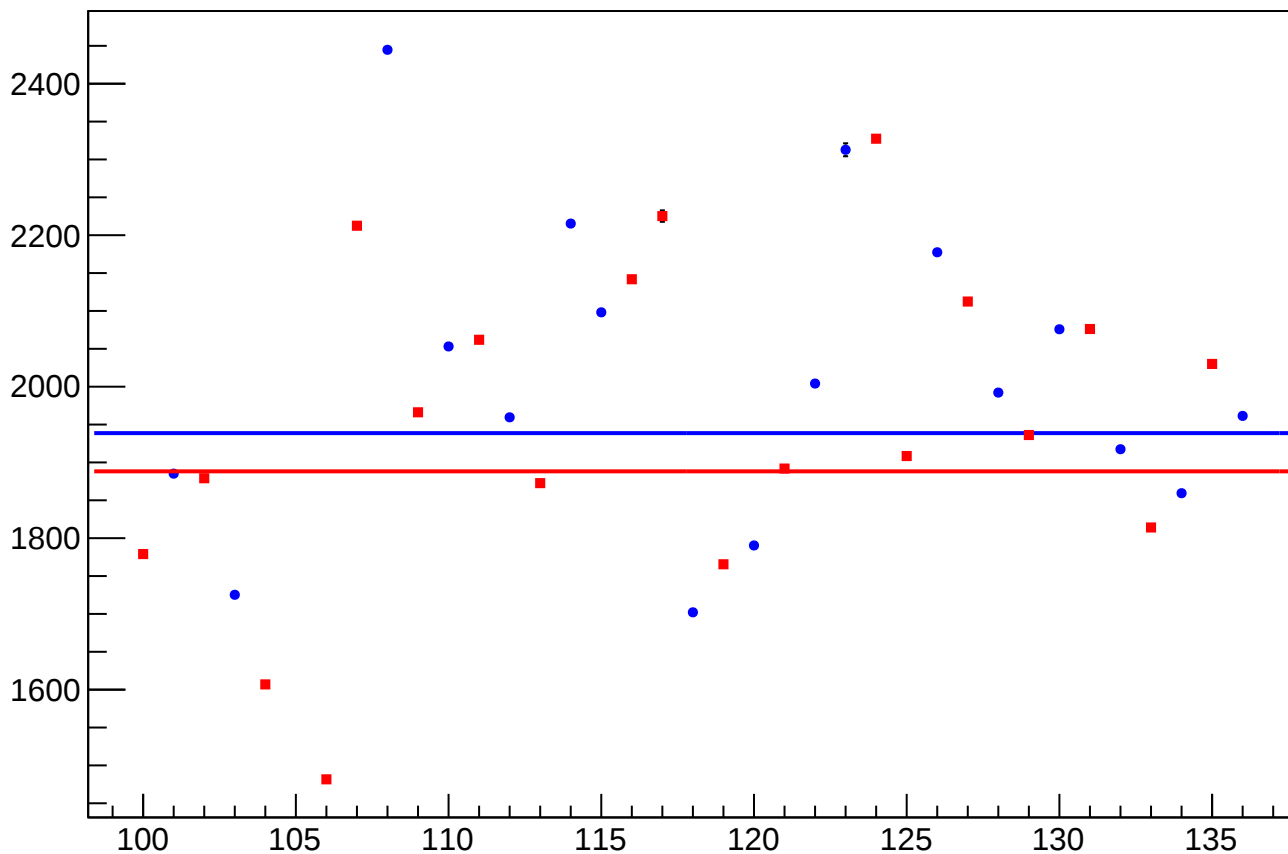
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.215+/-0.751 χ^2/NDF : 830.3/16

26.536+/-0.520 χ^2/NDF : 3999.3/35

4.781+/-0.720 χ^2/NDF : 1260.4/18

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1938.688 $\pm$ 0.531 χ^2 /NDF: 100143.1/16

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

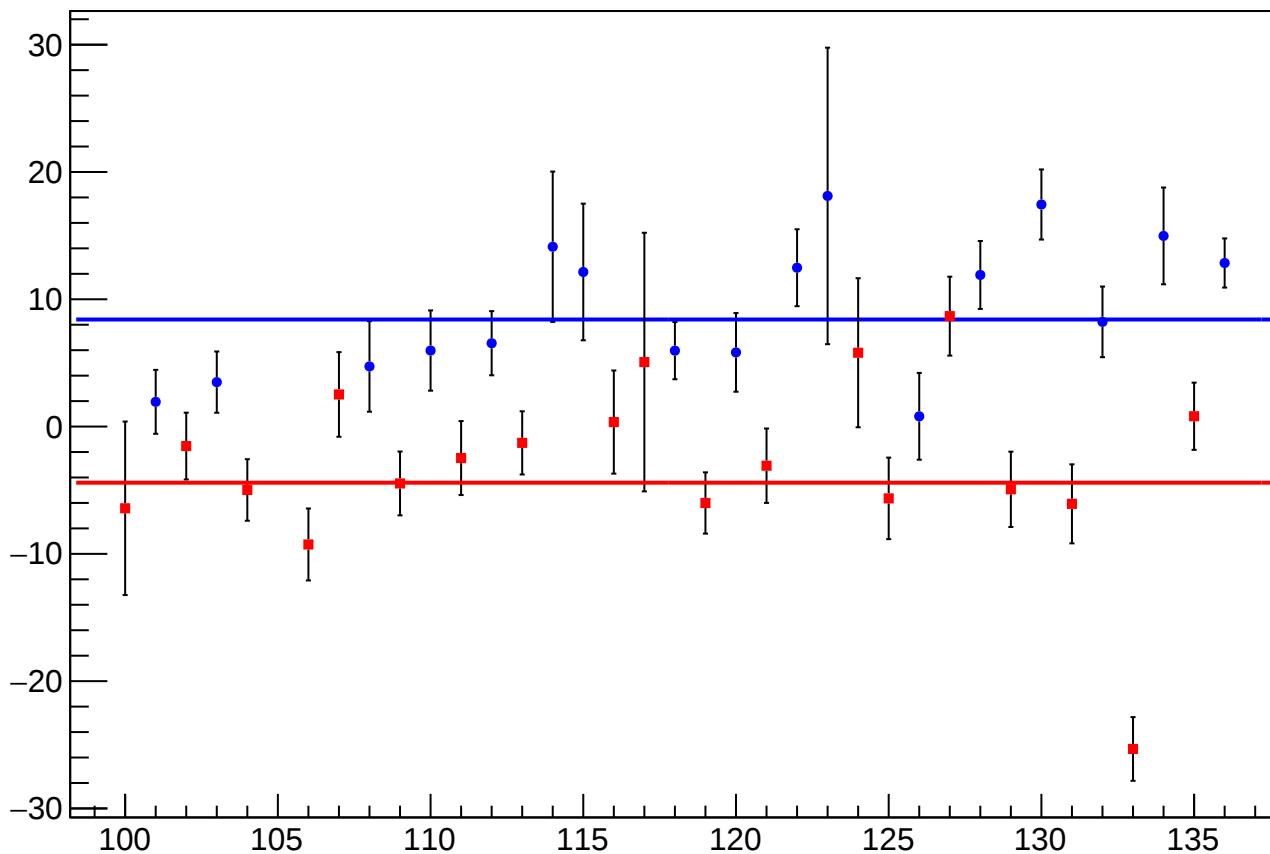
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1938.688 $\pm$ 0.531 χ^2 /NDF: 100143.1/16

1912.395 $\pm$ 0.367 χ^2 /NDF: 249447.0/35

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

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 8.411 $\pm$ 0.711 χ^2/NDF : 44.6/16

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

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

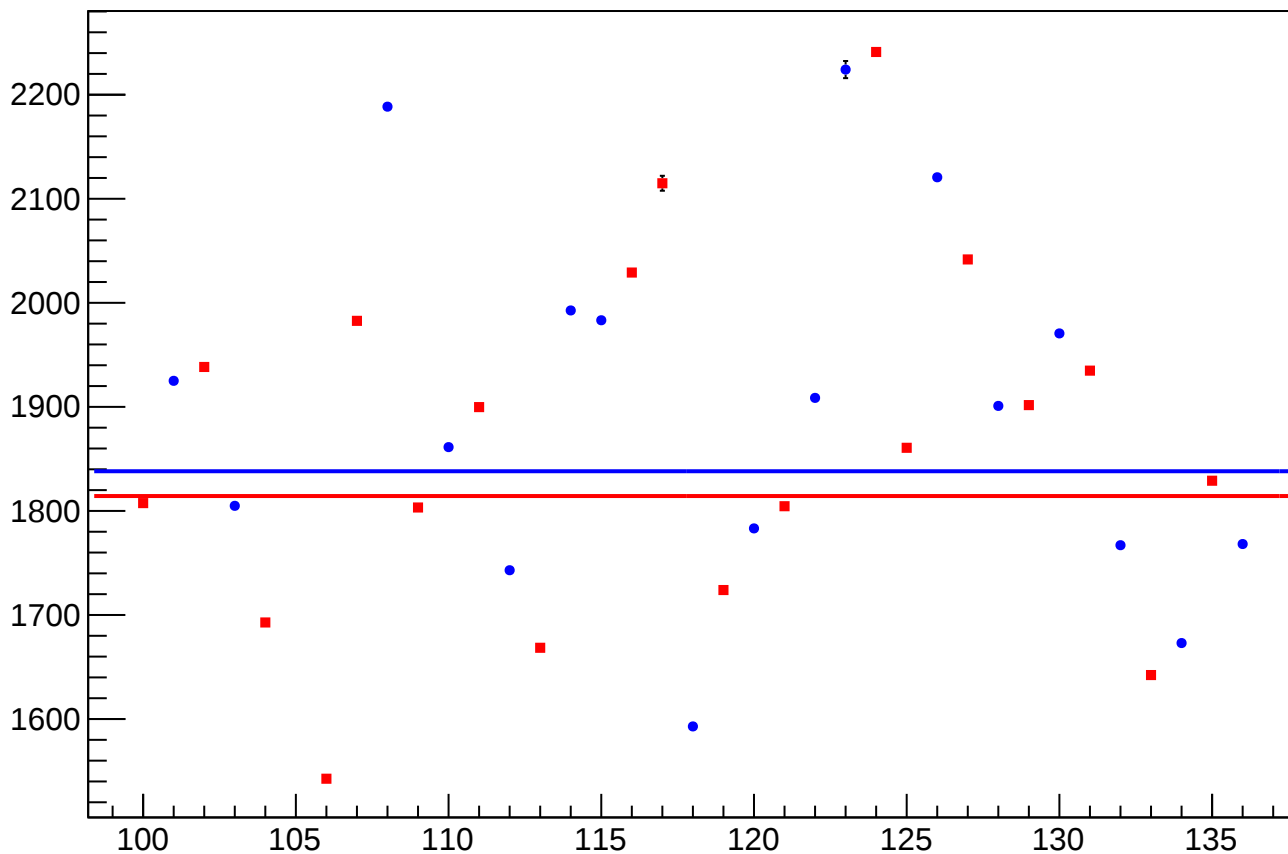
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

8.411 $\pm$ 0.711 χ^2/NDF : 44.6/16

1.799 $\pm$ 0.495 χ^2/NDF : 320.9/35

-4.409 $\pm$ 0.689 χ^2/NDF : 108.7/18

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1838.143 $\pm$ 0.503 χ^2 /NDF: 82878.7/16

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

Right Out: 1814.312 $\pm$ 0.487 χ^2 /NDF: 88101.7/18

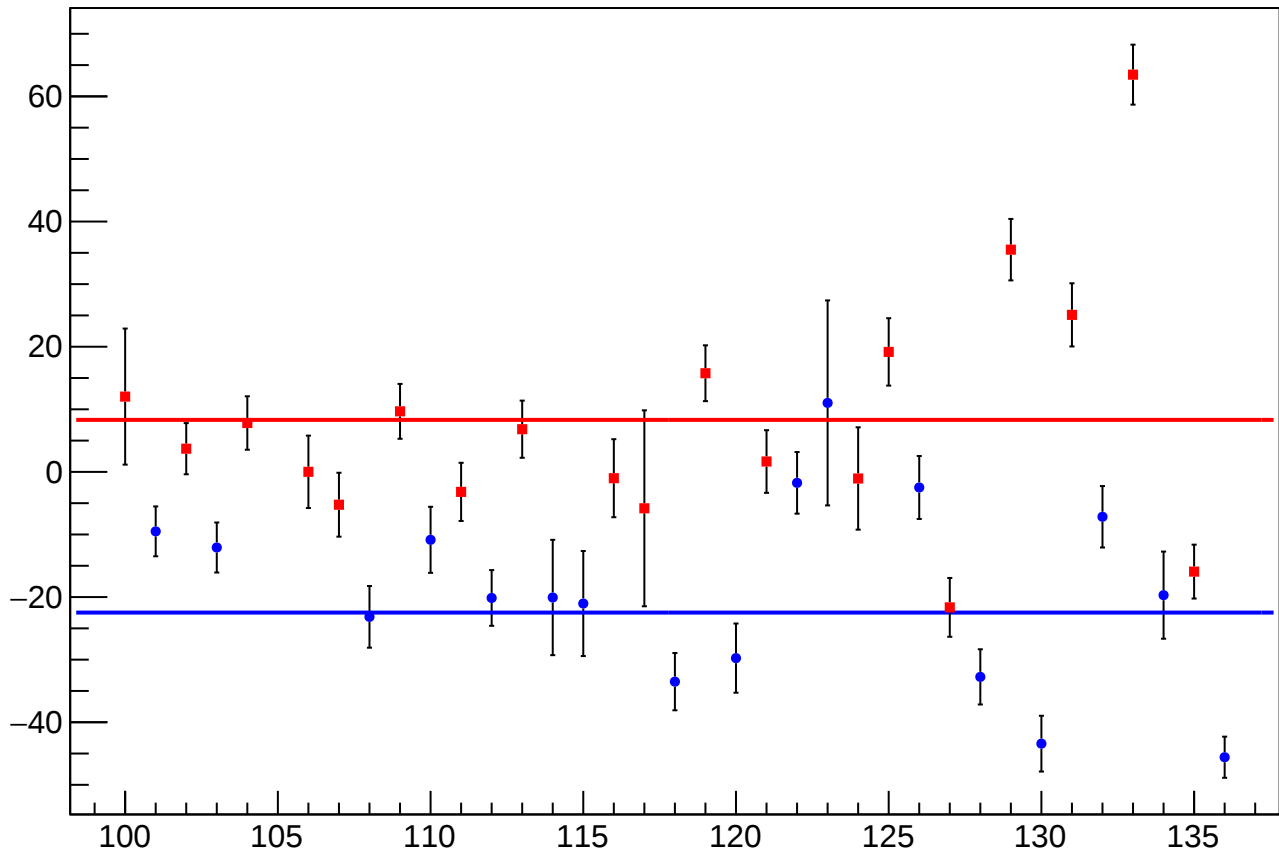
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1838.143 $\pm$ 0.503 χ^2 /NDF: 82878.7/16

1825.852 $\pm$ 0.350 χ^2 /NDF: 172138.7/35

1814.312 $\pm$ 0.487 χ^2 /NDF: 88101.7/18

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.477 ± 1.195 χ^2/NDF : 154.7/16

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

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

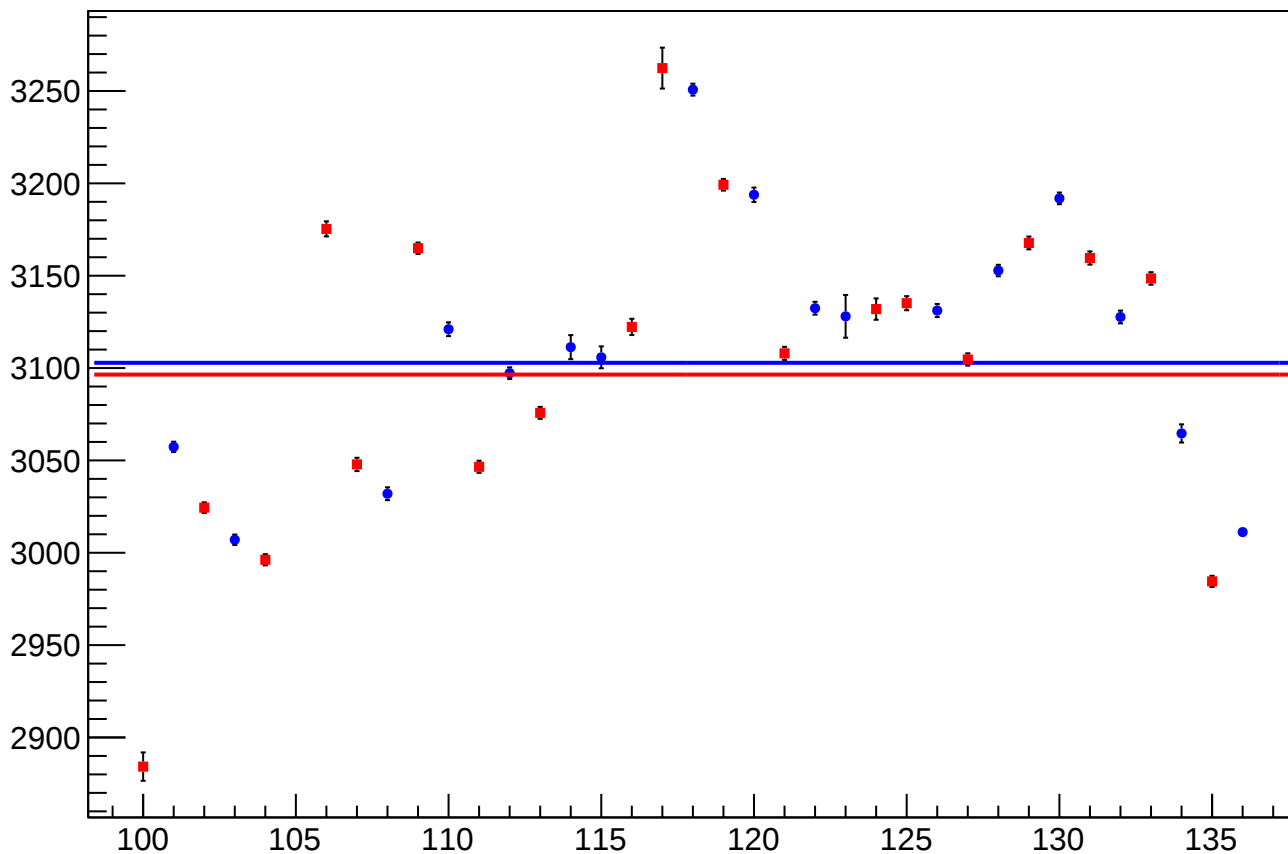
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-22.477 ± 1.195 χ^2/NDF : 154.7/16

-6.760 ± 0.836 χ^2/NDF : 770.2/35

8.310 ± 1.170 χ^2/NDF : 276.5/18

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3102.846 $\pm$ 0.845 χ^2 /NDF: 7344.9/16

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

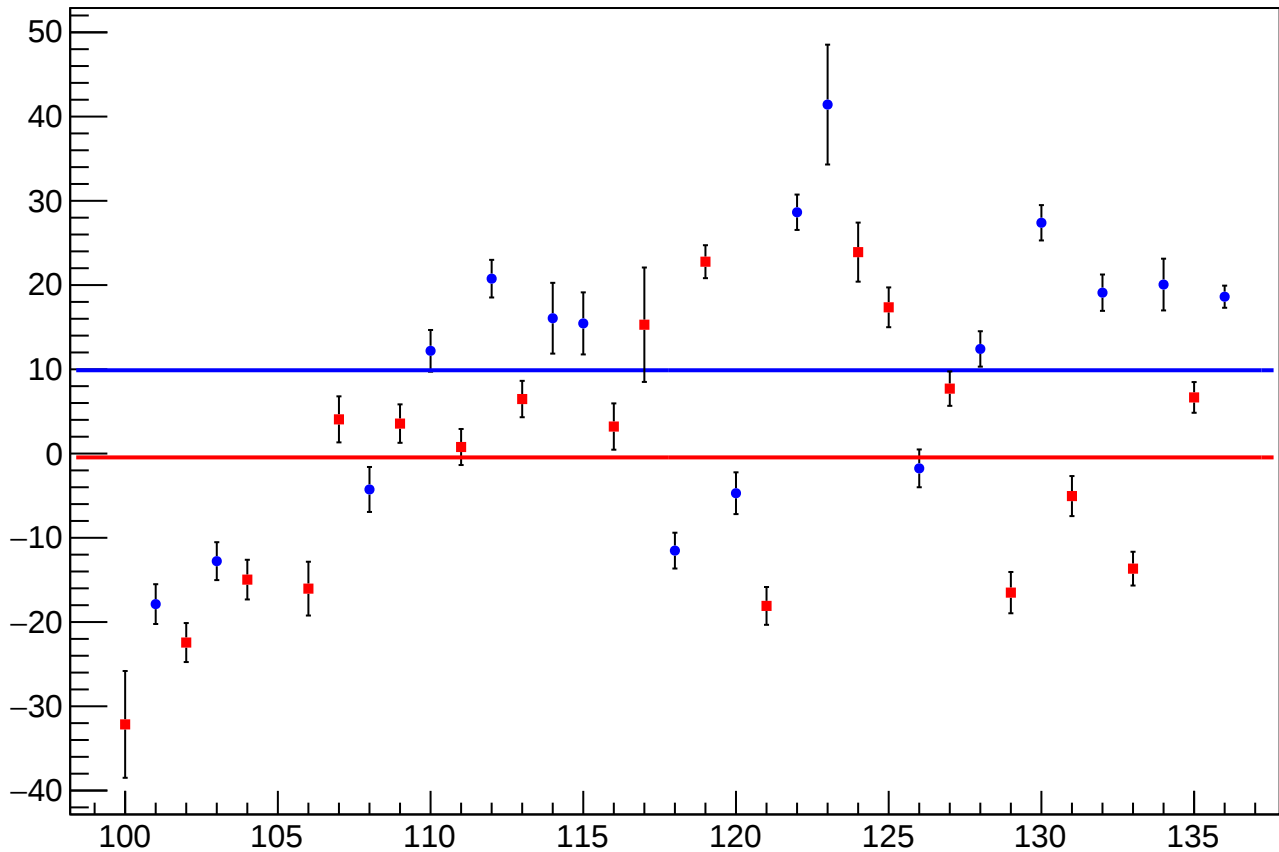
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3102.846 $\pm$ 0.845 χ^2 /NDF: 7344.9/16

3099.592 $\pm$ 0.591 χ^2 /NDF: 14973.9/35

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

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 9.887 $\pm$ 0.559 χ^2 /NDF: 703.6/16

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

Right Out: -0.457 $\pm$ 0.554 χ^2 /NDF: 629.6/18

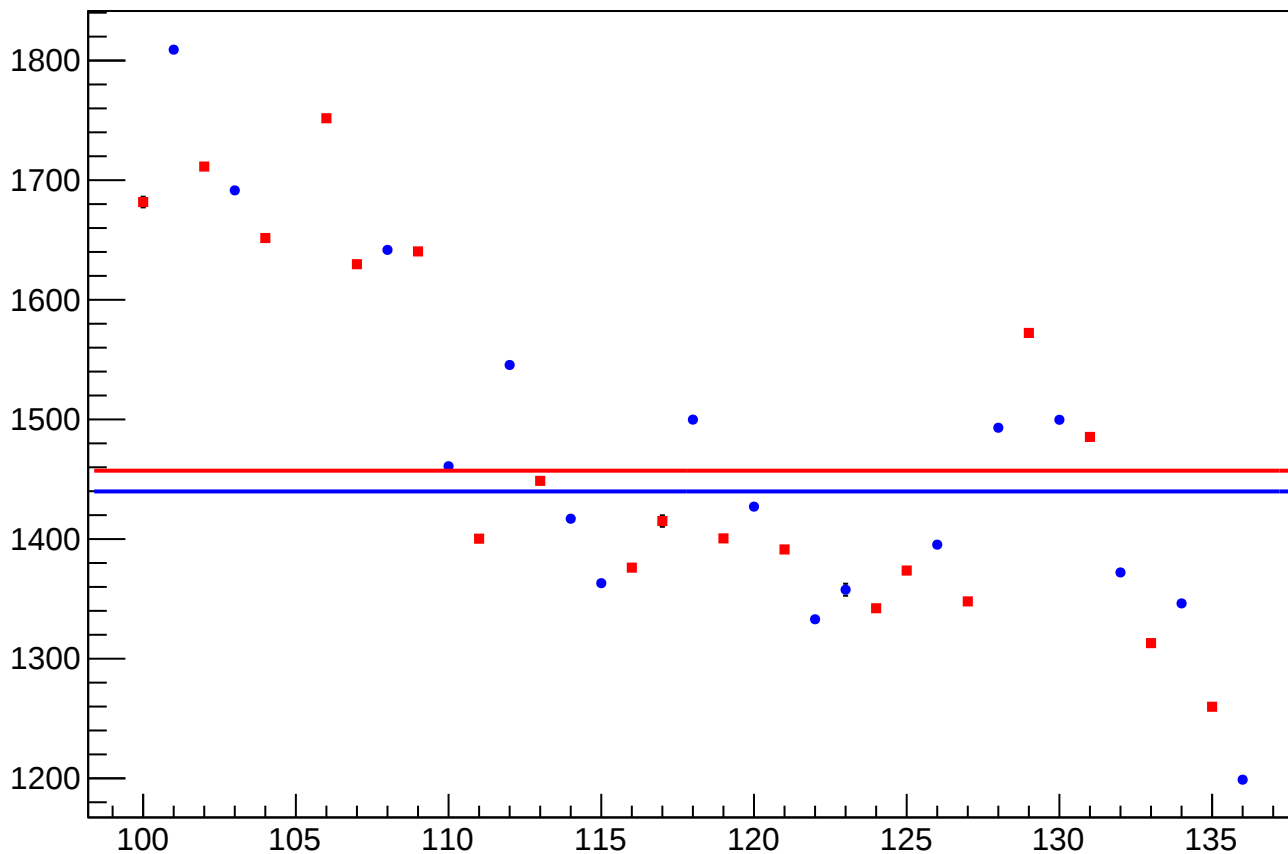
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.887 $\pm$ 0.559 χ^2 /NDF: 703.6/16

4.666 $\pm$ 0.394 χ^2 /NDF: 1505.8/35

-0.457 $\pm$ 0.554 χ^2 /NDF: 629.6/18

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1439.826 $\pm$ 0.396 χ^2 /NDF: 172823.5/16

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

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

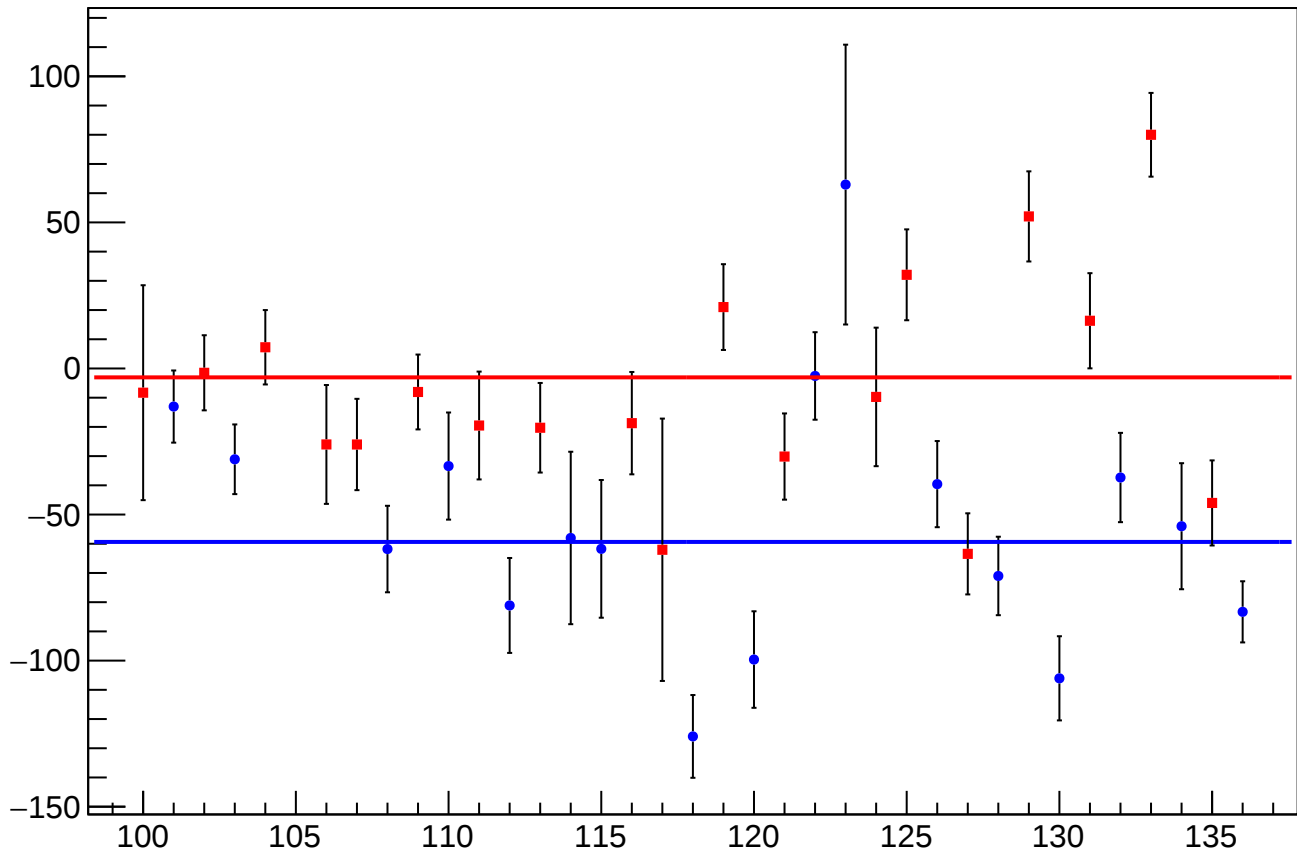
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1439.826 $\pm$ 0.396 χ^2 /NDF: 172823.5/16

1448.580 $\pm$ 0.278 χ^2 /NDF: 307448.5/35

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

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -59.374+/-3.729 χ^2/NDF : 92.9/16

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

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

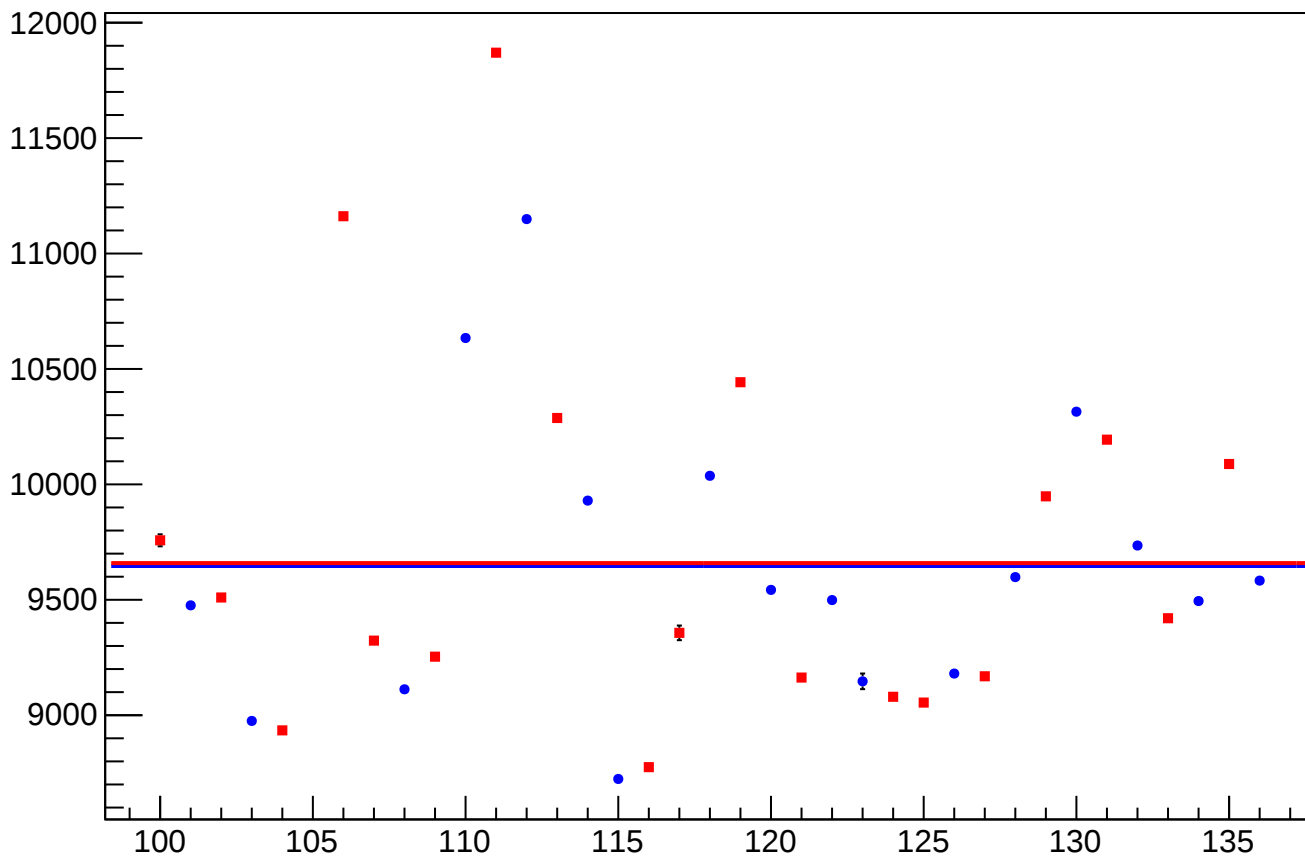
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-59.374+/-3.729 χ^2/NDF : 92.9/16

-30.733+/-2.614 χ^2/NDF : 304.4/35

-3.045+/-3.666 χ^2/NDF : 95.5/18

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9646.480 $\pm$ 2.637 χ^2 /NDF: 44060.3/16

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

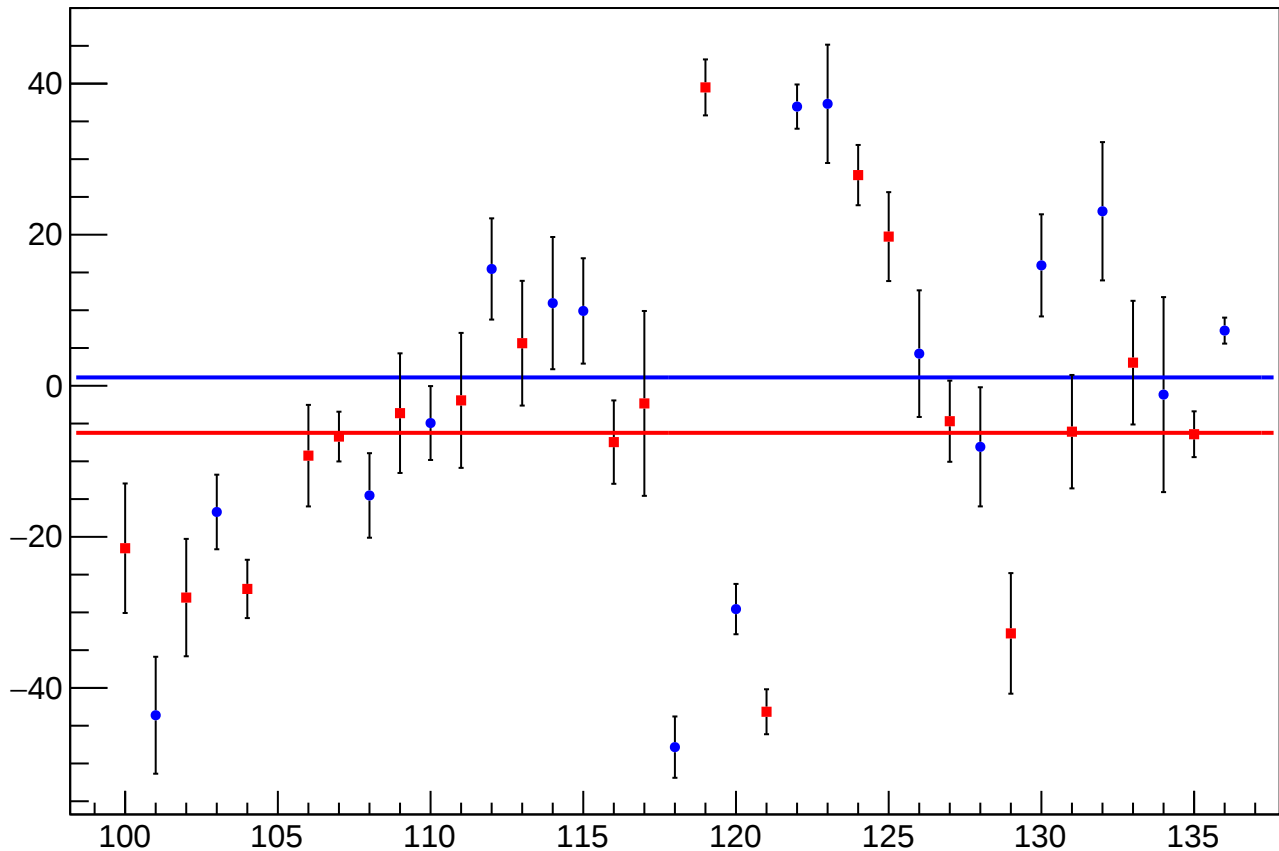
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9646.480 $\pm$ 2.637 χ^2 /NDF: 44060.3/16

9652.848 $\pm$ 1.849 χ^2 /NDF: 121737.0/35

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

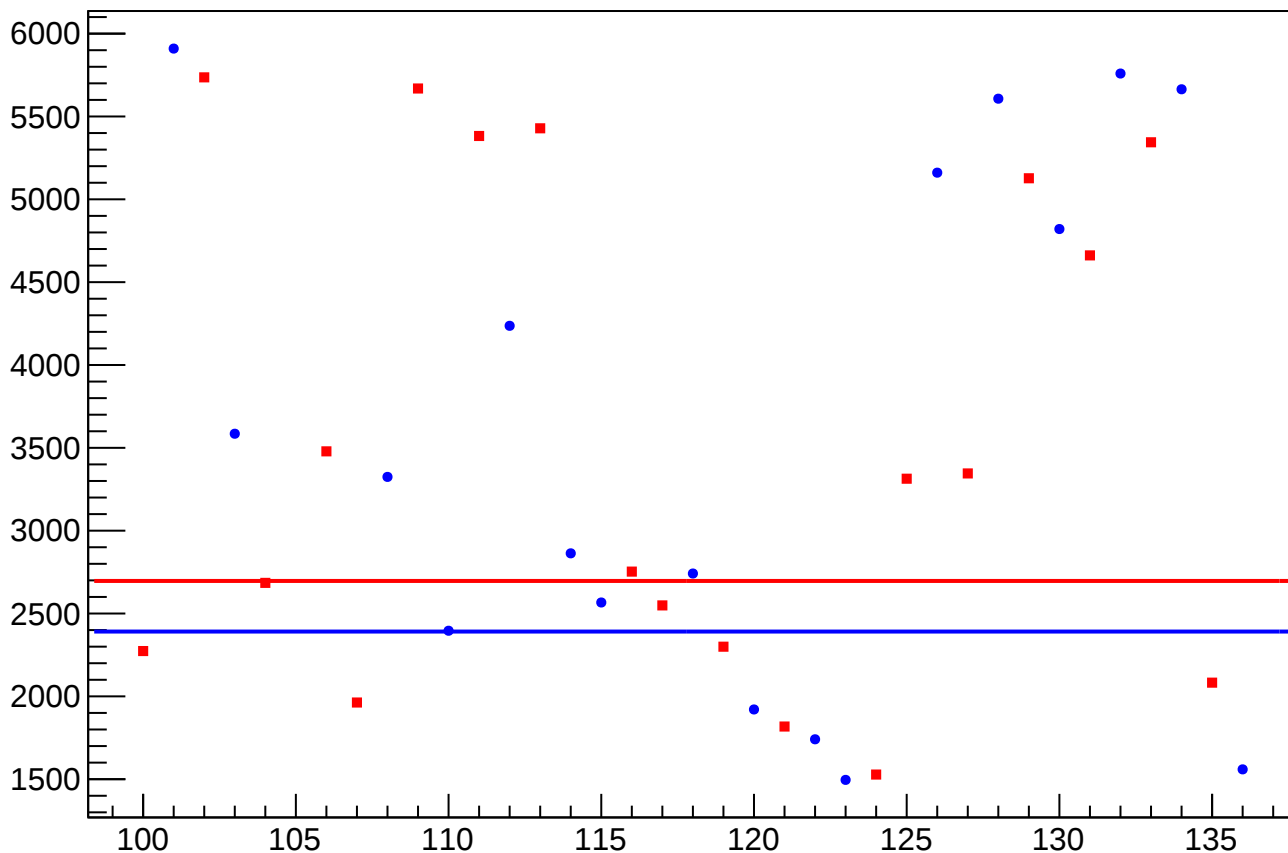
diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 1.106+/-1.066 χ^2/NDF : 489.7/16
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

1.106+/-1.066 χ^2/NDF : 489.7/16
-2.303+/-0.780 χ^2/NDF : 965.4/35
-6.230+/-1.144 χ^2/NDF : 453.8/18

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2391.162+/-0.754 χ^2/NDF : 2600547.2/16

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

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

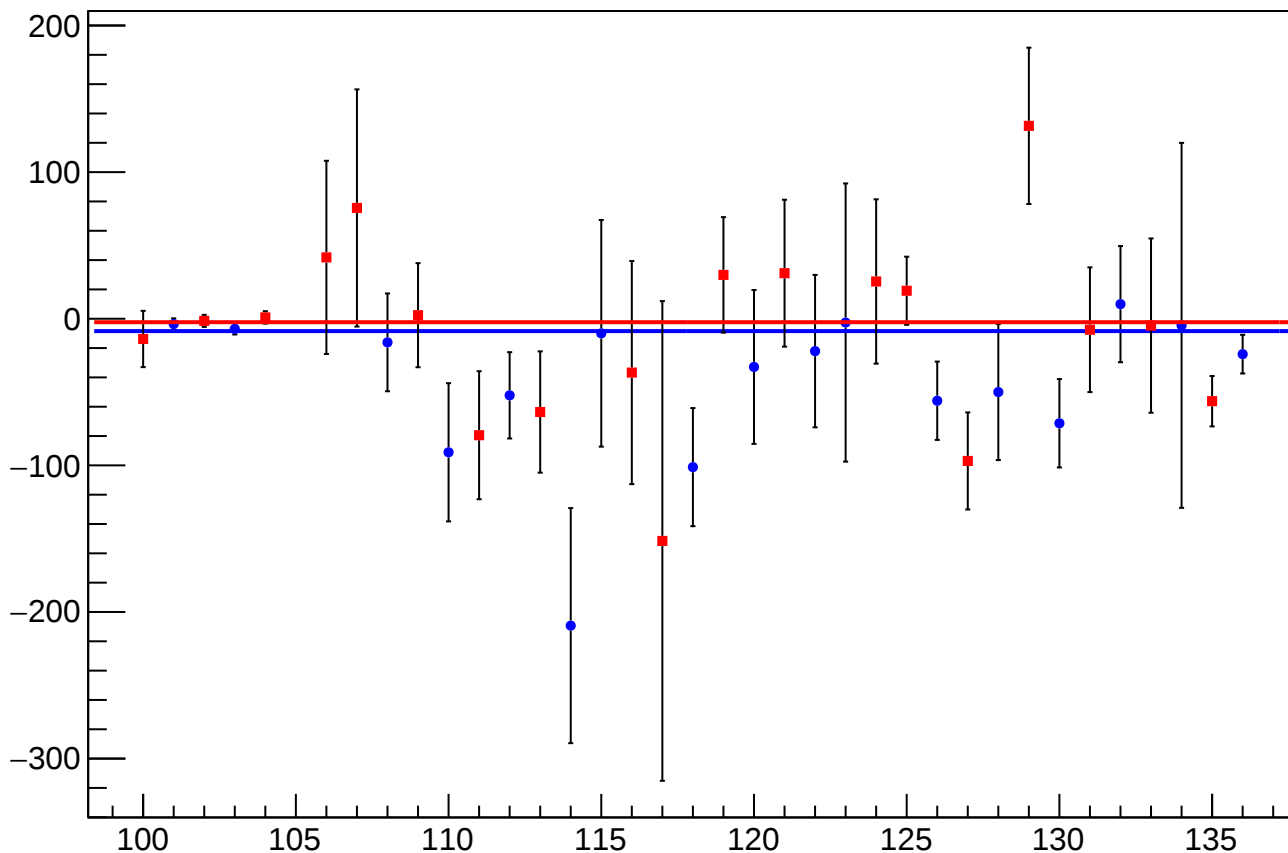
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2391.162+/-0.754 χ^2/NDF : 2600547.2/16

2533.118+/-0.552 χ^2/NDF : 4829844.5/35

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

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -8.430+/-2.587 χ^2 /NDF: 28.9/16

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

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

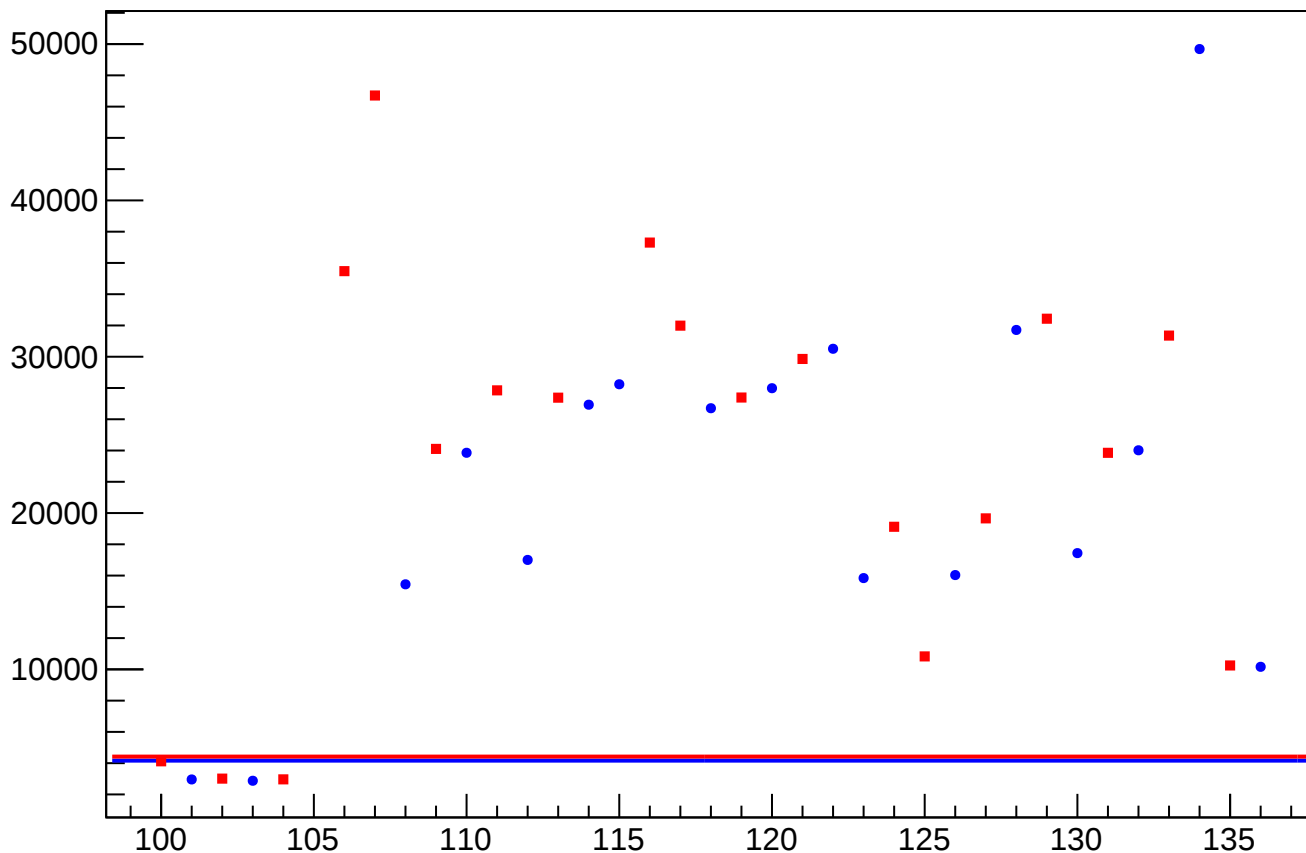
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.430+/-2.587 χ^2 /NDF: 28.9/16

-5.616+/-1.897 χ^2 /NDF: 66.8/35

-2.349+/-2.788 χ^2 /NDF: 35.3/18

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 4162.318 $\pm$ 1.830 χ^2/NDF : 5990070.5/16

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

Right Out: 4419.821 $\pm$ 1.971 χ^2/NDF : 7219704.8/18

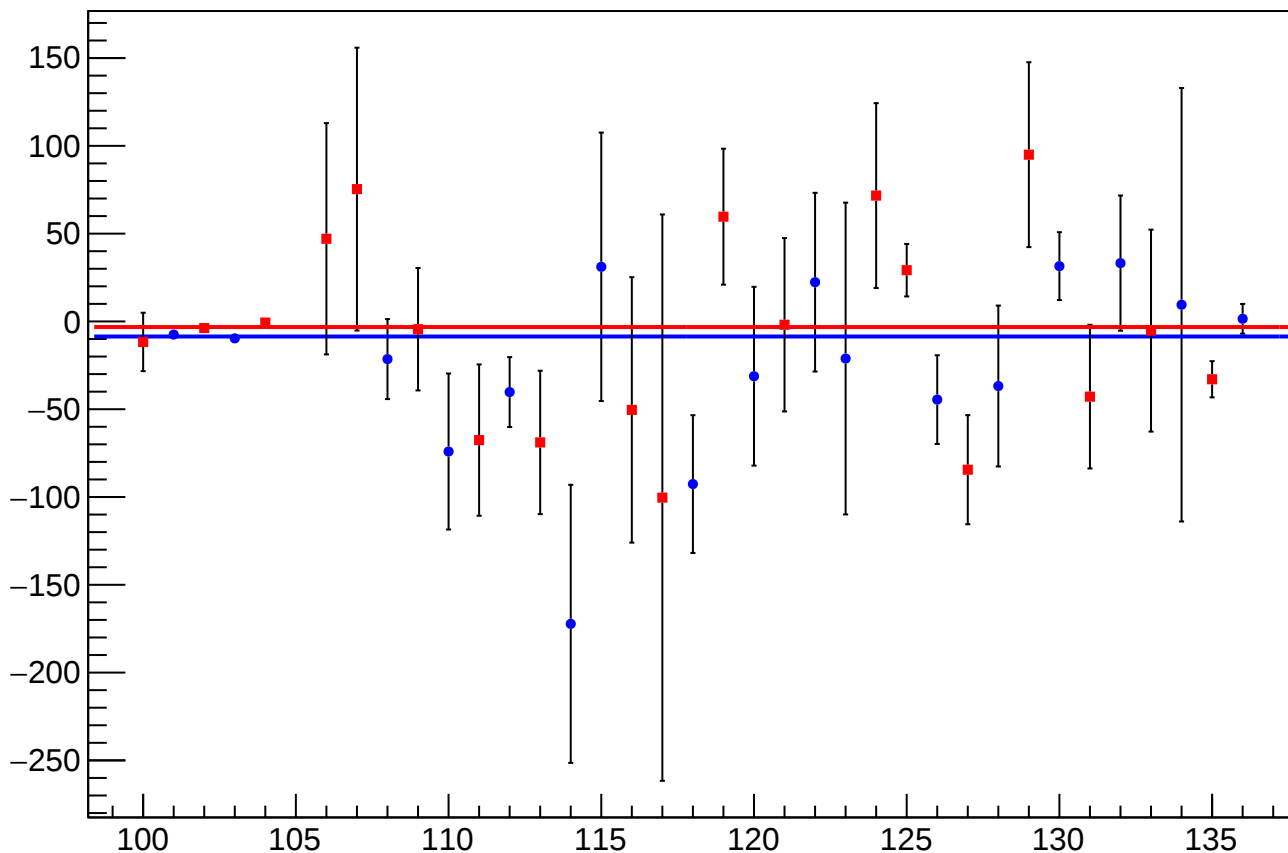
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4162.318 $\pm$ 1.830 χ^2/NDF : 5990070.5/16

4281.469 $\pm$ 1.341 χ^2/NDF : 13218941.2/3

4419.821 $\pm$ 1.971 χ^2/NDF : 7219704.8/18

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.586+/-1.778 χ^2/NDF : 24.4/16

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

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

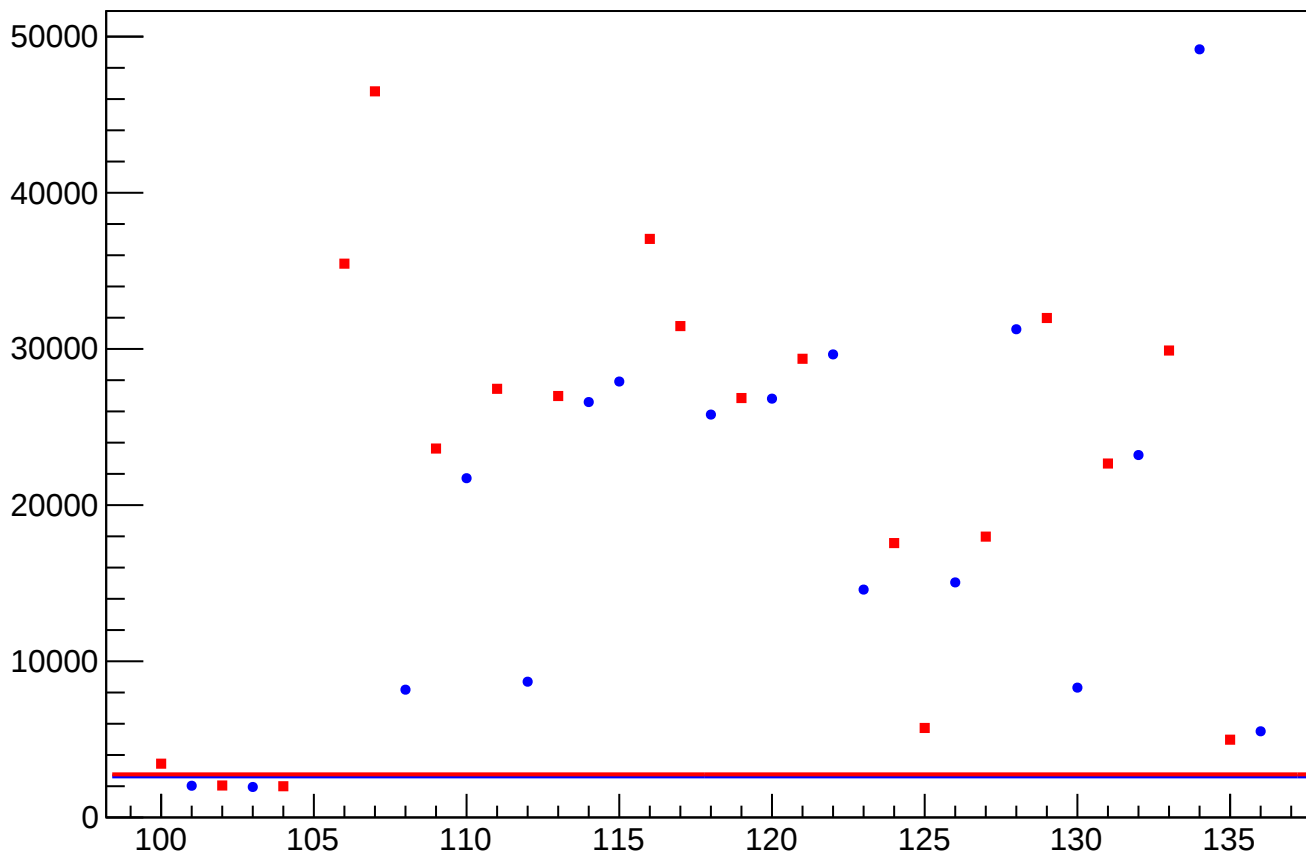
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.586+/-1.778 χ^2/NDF : 24.4/16

-6.099+/-1.305 χ^2/NDF : 65.8/35

-3.191+/-1.923 χ^2/NDF : 37.1/18

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2630.547+/-1.257 χ^2/NDF : 5588981.6/16

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

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

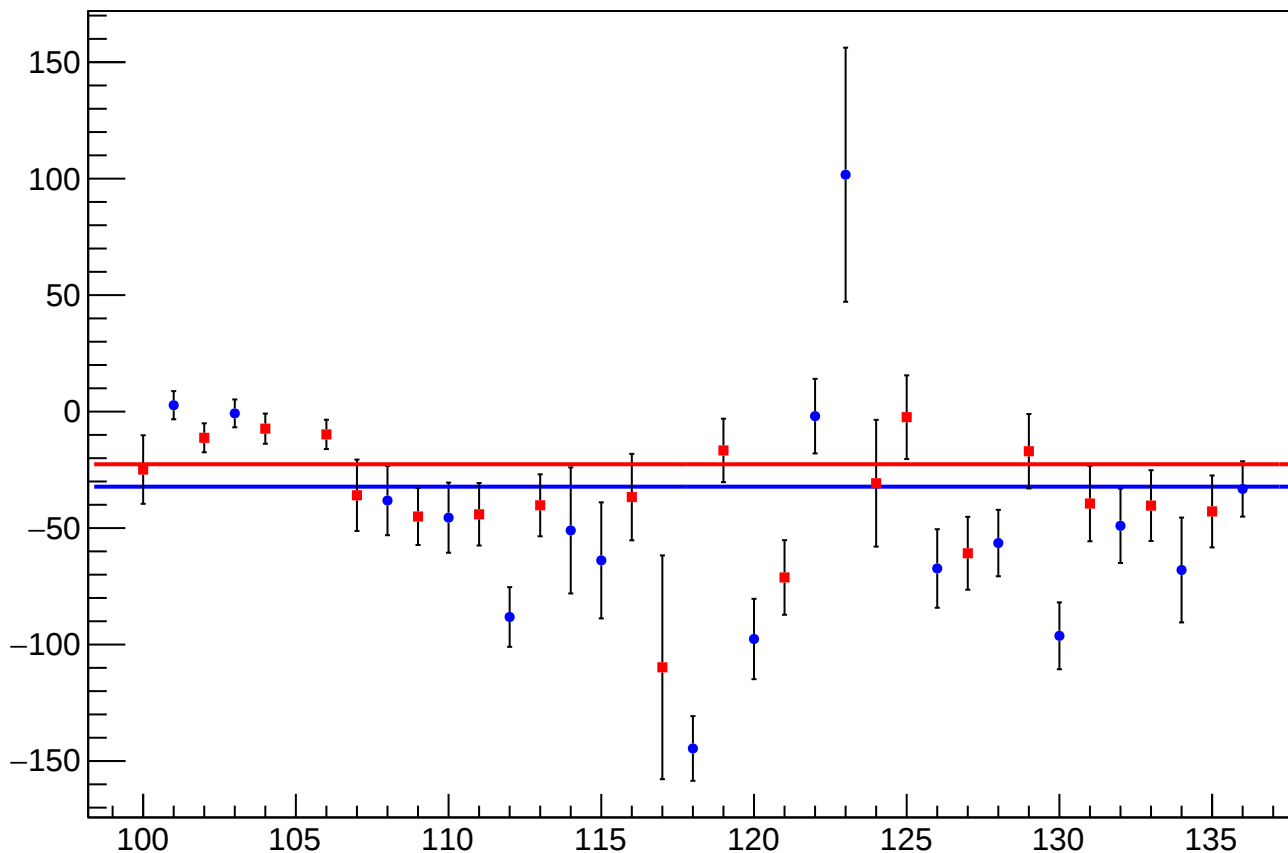
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2630.547+/-1.257 χ^2/NDF : 5588981.6/16

2690.018+/-0.923 χ^2/NDF : 13199490.4/3

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

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -32.222 $\pm$ 2.981 χ^2 /NDF: 203.7/16

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

Right Out: -22.603 $\pm$ 2.681 χ^2 /NDF: 46.4/18

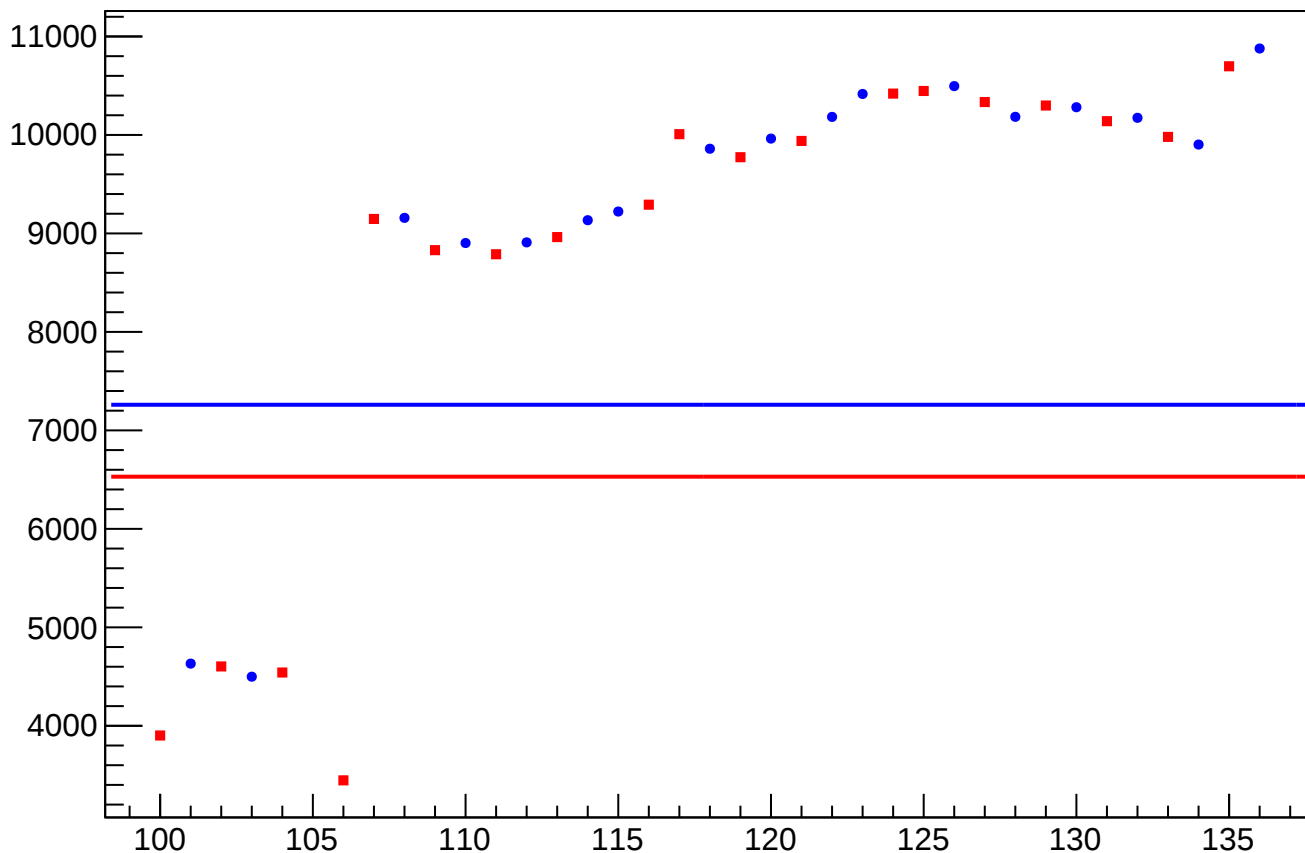
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.222 $\pm$ 2.981 χ^2 /NDF: 203.7/16

-26.903 $\pm$ 1.993 χ^2 /NDF: 255.8/35

-22.603 $\pm$ 2.681 χ^2 /NDF: 46.4/18

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 7260.081+/-2.108 χ^2/NDF : 1636373.2/16

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

Right Out: 6529.802+/-1.896 χ^2/NDF : 2149786.9/18

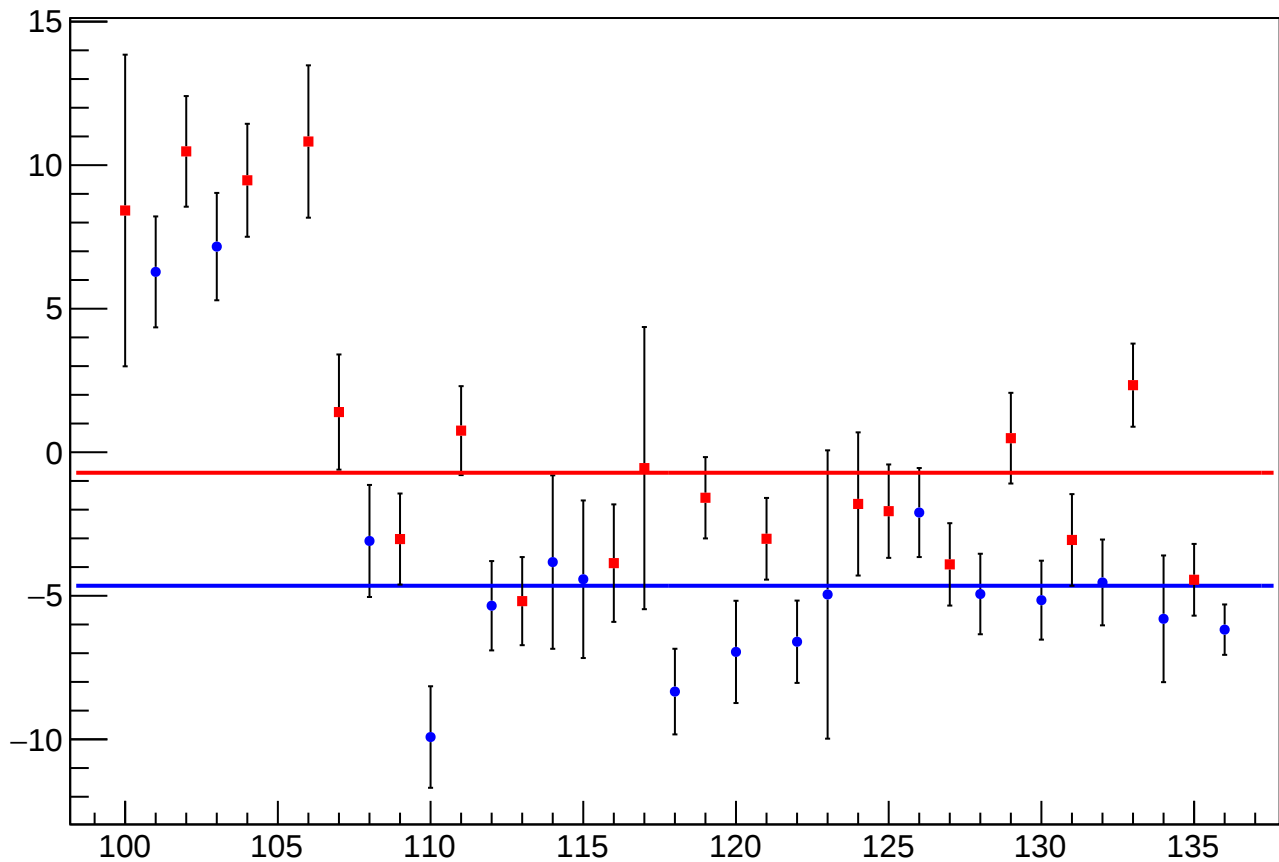
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7260.081+/-2.108 χ^2/NDF : 1636373.2/16

6856.299+/-1.410 χ^2/NDF : 3852507.8/35

6529.802+/-1.896 χ^2/NDF : 2149786.9/18

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.651+/-0.393 χ^2/NDF : 97.6/16

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

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

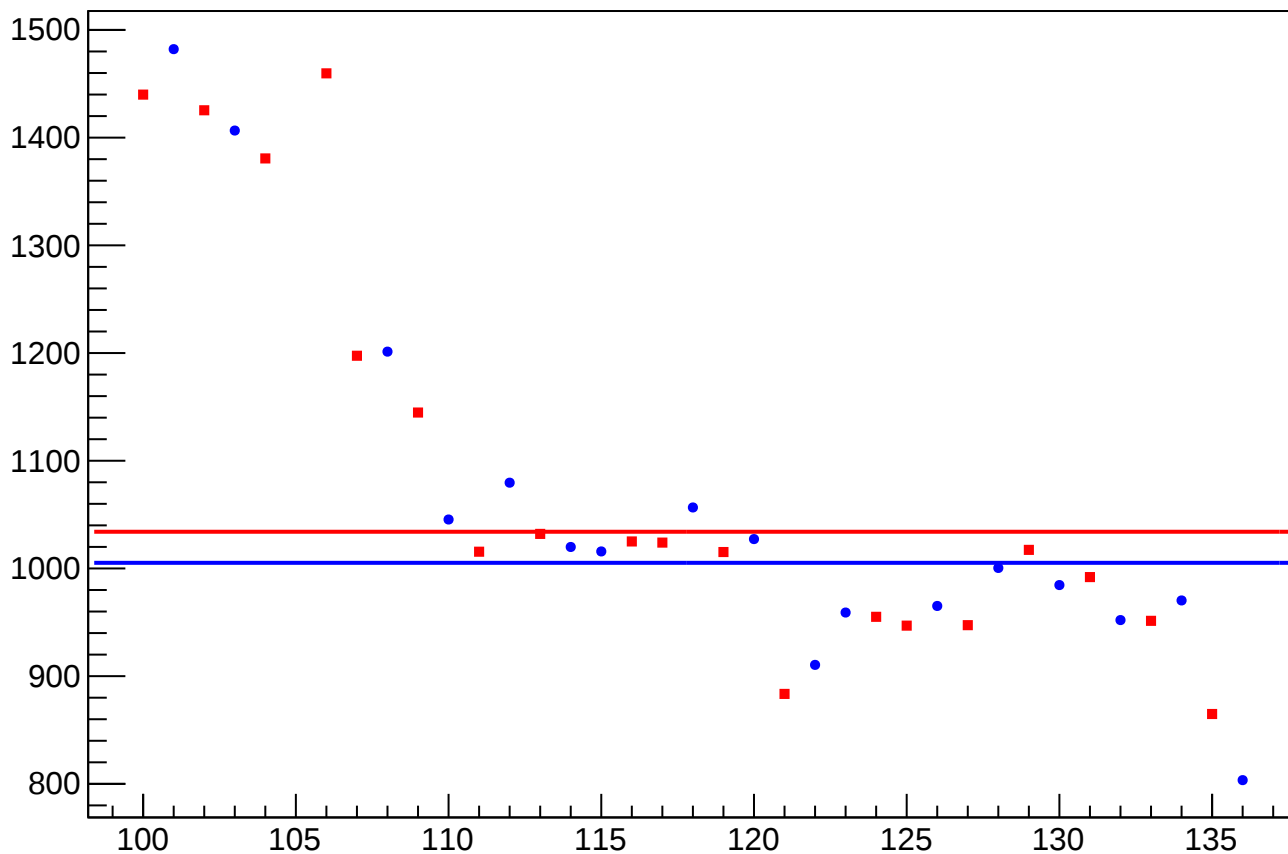
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.651+/-0.393 χ^2/NDF : 97.6/16

-2.696+/-0.279 χ^2/NDF : 269.6/35

-0.714+/-0.395 χ^2/NDF : 122.2/18

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1005.227+/-0.278 χ^2/NDF : 361954.2/16

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

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

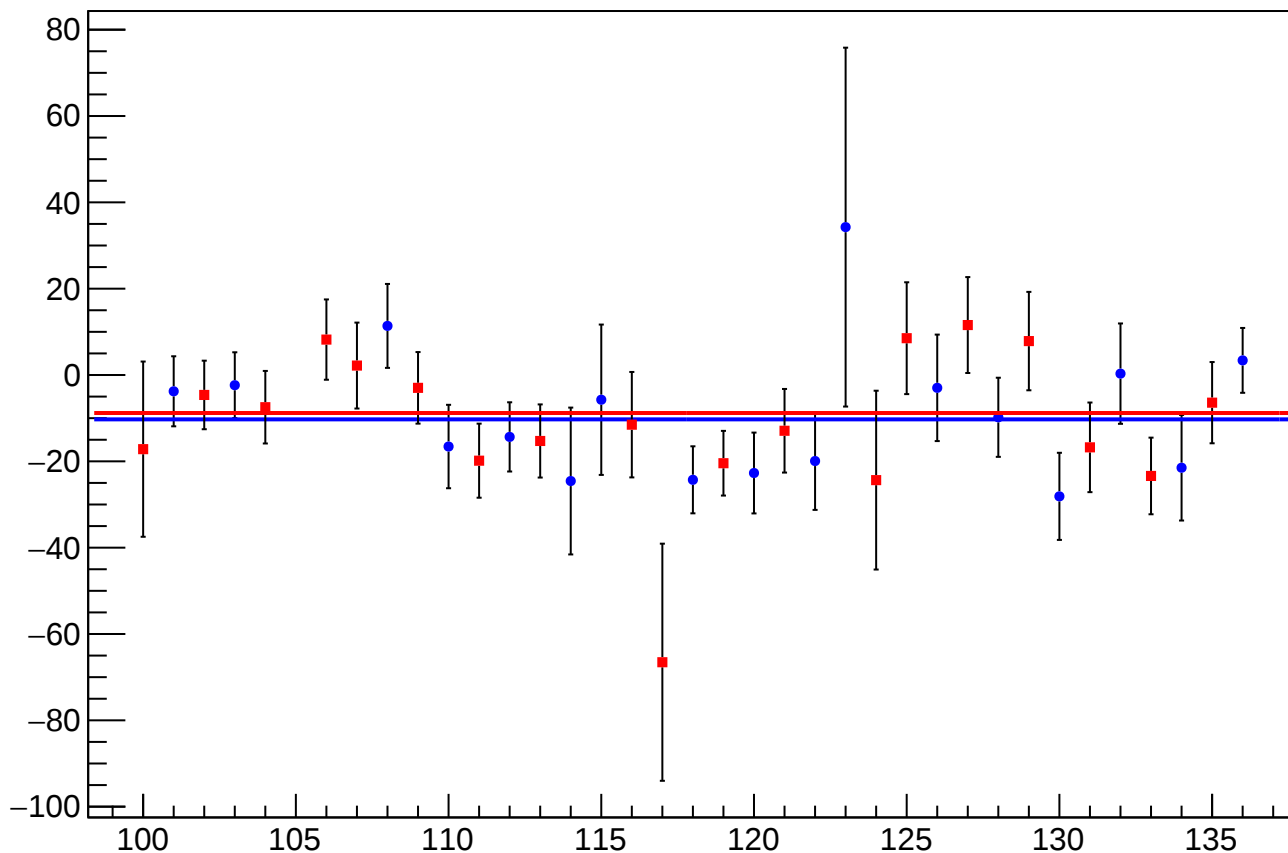
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1005.227+/-0.278 χ^2/NDF : 361954.2/16

1019.553+/-0.197 χ^2/NDF : 680465.8/35

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

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.277 ± 2.408 χ^2/NDF : 23.5/16

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

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

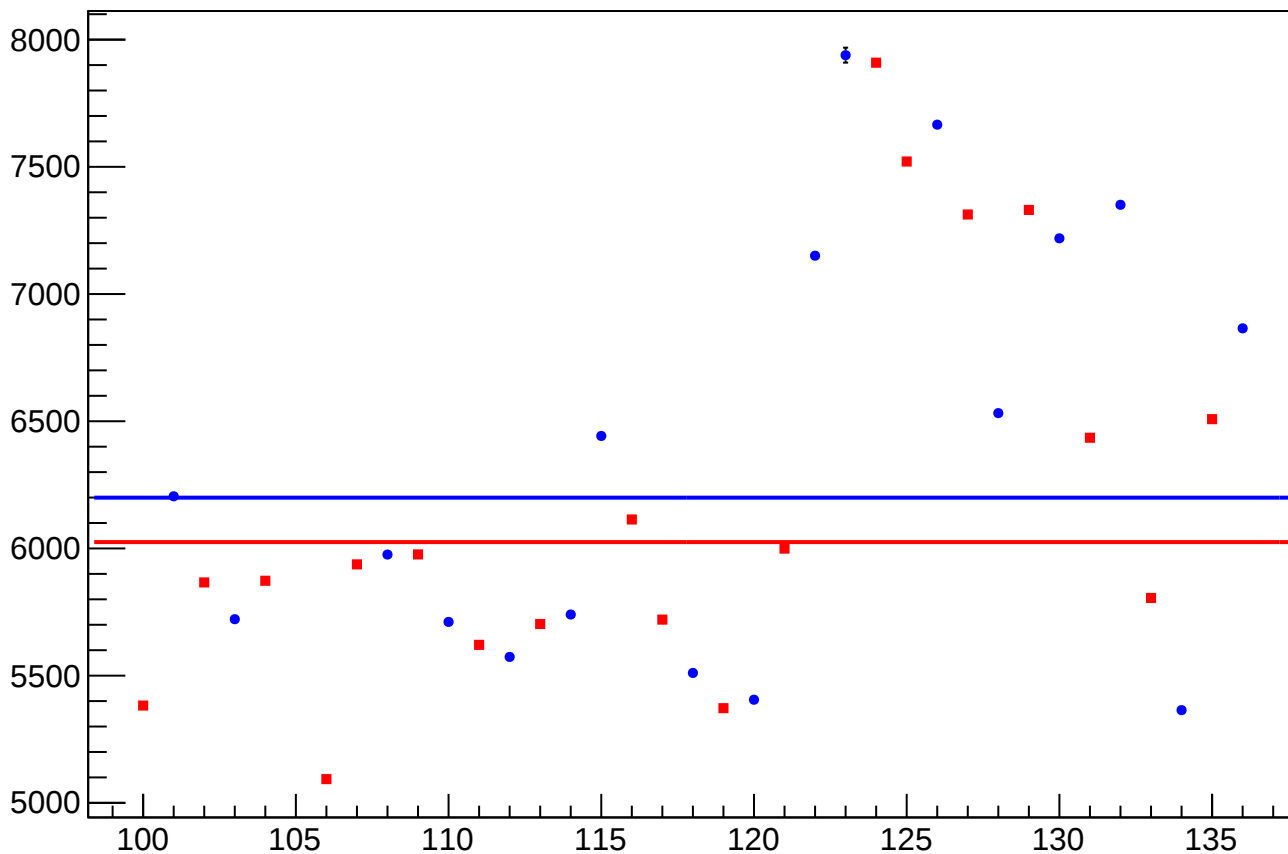
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.277 ± 2.408 χ^2/NDF : 23.5/16

-9.505 ± 1.661 χ^2/NDF : 49.7/35

-8.804 ± 2.294 χ^2/NDF : 26.0/18

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6199.617 $\pm$ 1.703 χ^2 /NDF: 171760.4/16

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

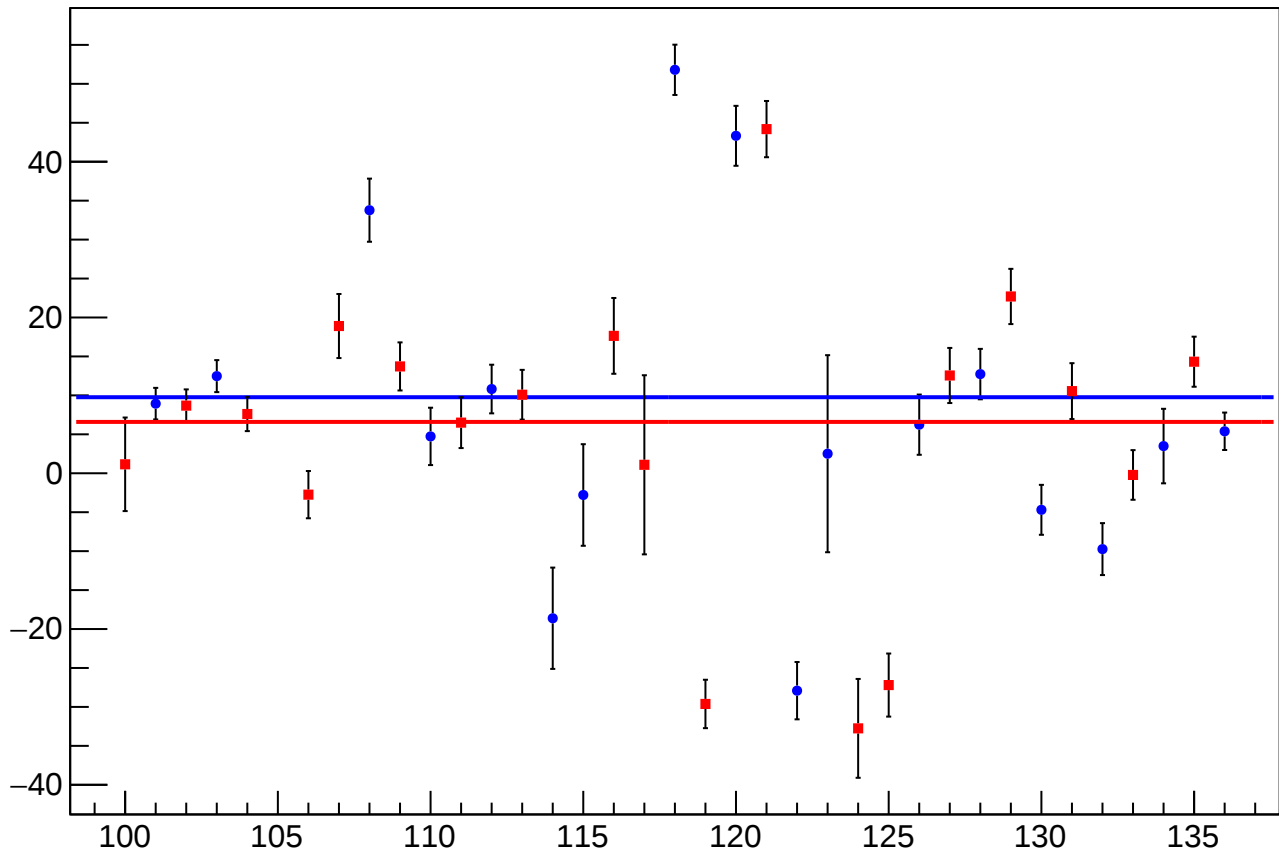
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6199.617 $\pm$ 1.703 χ^2 /NDF: 171760.4/16

6108.065 $\pm$ 1.174 χ^2 /NDF: 329831.4/35

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

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 9.764 $\pm$ 0.797 χ^2 /NDF: 473.8/16

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

Right Out: 6.593 $\pm$ 0.772 χ^2 /NDF: 419.6/18

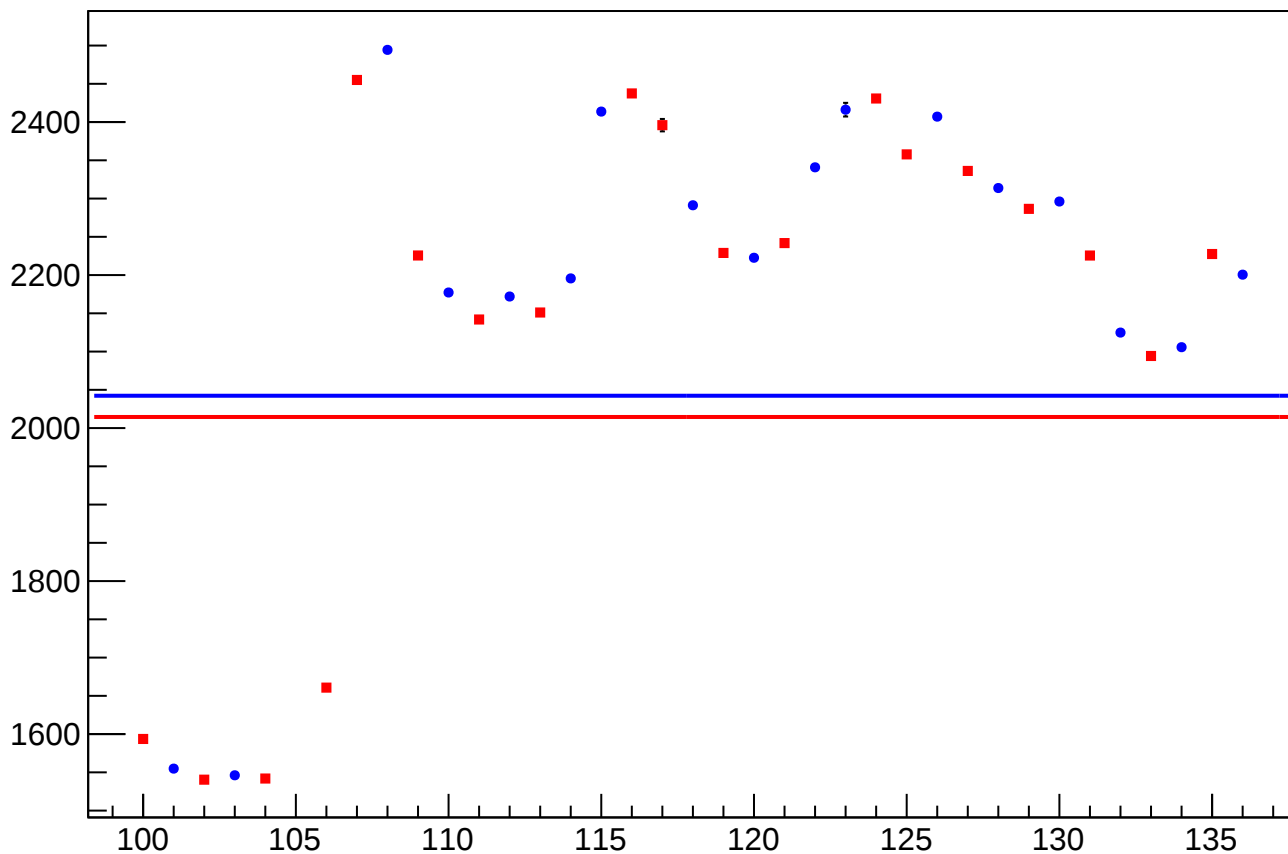
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.764 $\pm$ 0.797 χ^2 /NDF: 473.8/16

8.128 $\pm$ 0.554 χ^2 /NDF: 901.6/35

6.593 $\pm$ 0.772 χ^2 /NDF: 419.6/18

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2042.269 ± 0.563 χ^2/NDF : 356820.1/16

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

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

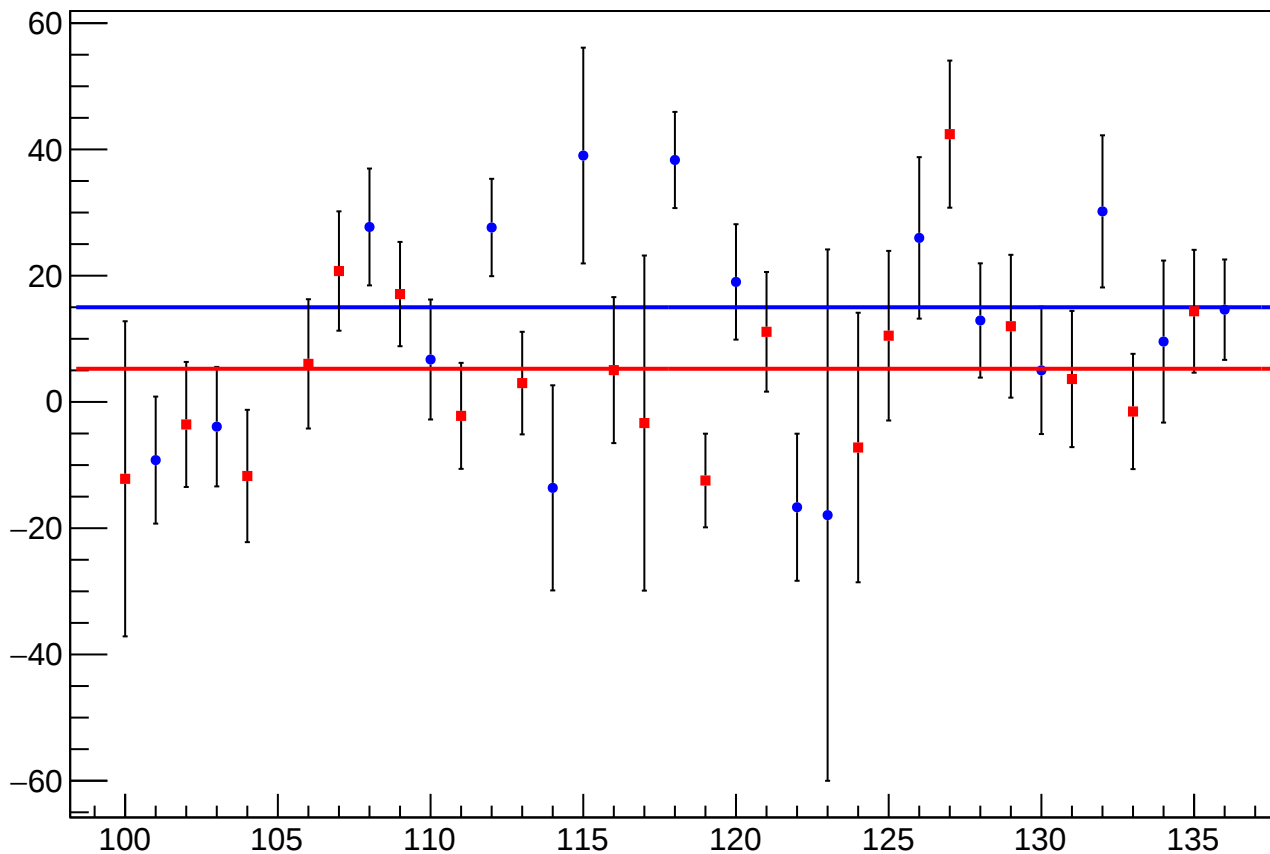
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

2042.269 ± 0.563 χ^2/NDF : 356820.1/16

2027.949 ± 0.392 χ^2/NDF : 733286.3/35

2014.510 ± 0.546 χ^2/NDF : 375214.2/18

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.997 $\pm$ 2.485 χ^2 /NDF: 41.3/16

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

Right Out: 5.257 $\pm$ 2.371 χ^2 /NDF: 28.2/18

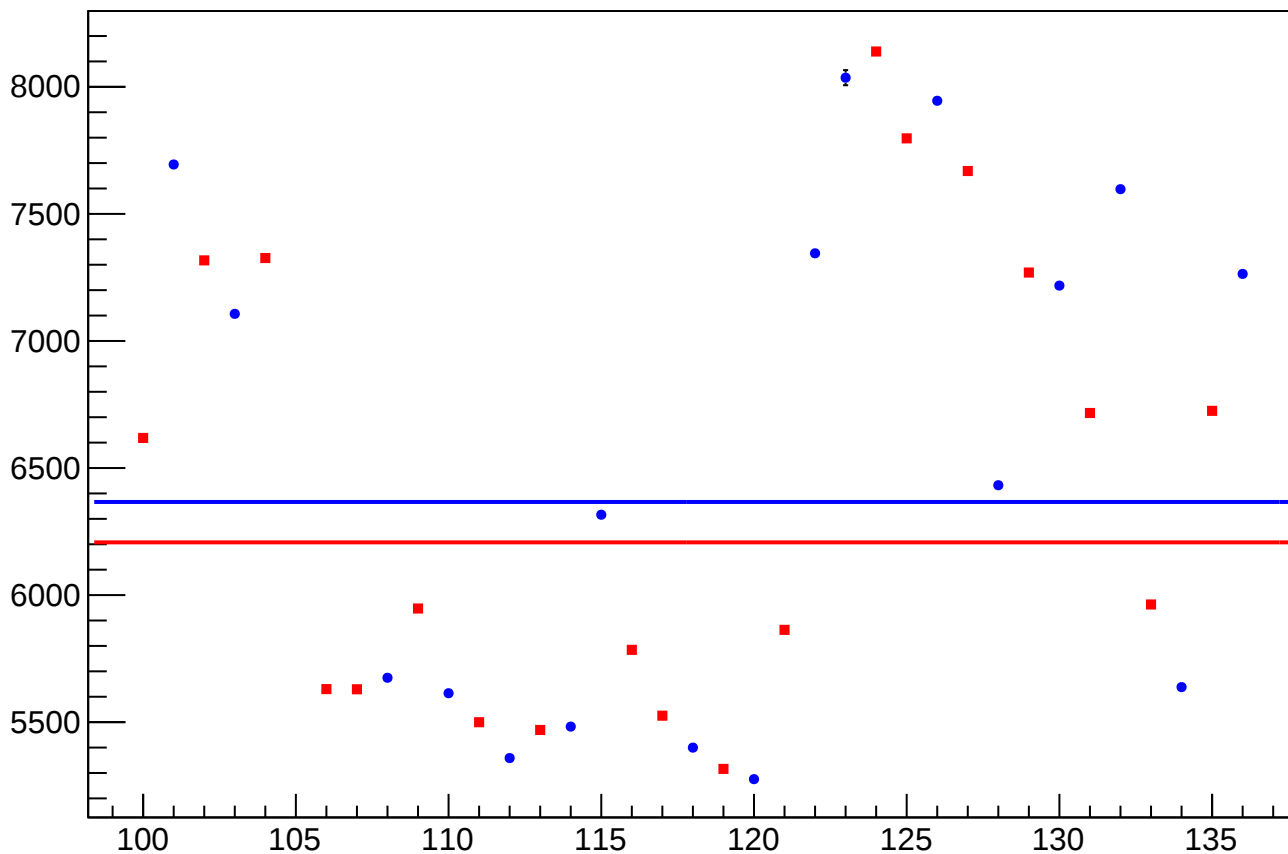
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.997 $\pm$ 2.485 χ^2 /NDF: 41.3/16

9.897 $\pm$ 1.716 χ^2 /NDF: 77.5/35

5.257 $\pm$ 2.371 χ^2 /NDF: 28.2/18

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6366.491+/-1.757 χ^2/NDF : 286494.5/16

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

Right Out: 6207.497+/-1.677 χ^2/NDF : 235518.2/18

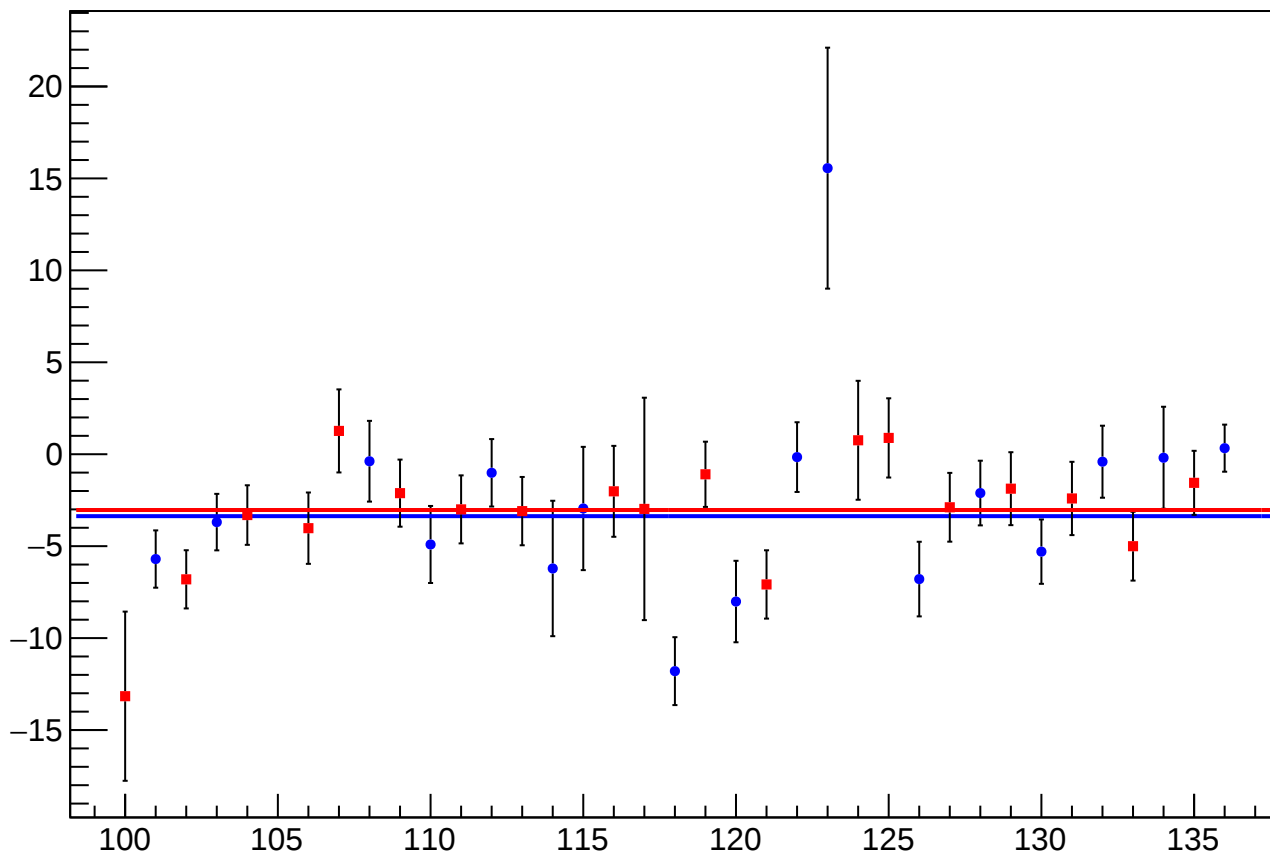
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6366.491+/-1.757 χ^2/NDF : 286494.5/16

6283.251+/-1.213 χ^2/NDF : 526298.0/35

6207.497+/-1.677 χ^2/NDF : 235518.2/18

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.368+/-0.476 χ^2 /NDF: 59.9/16

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

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

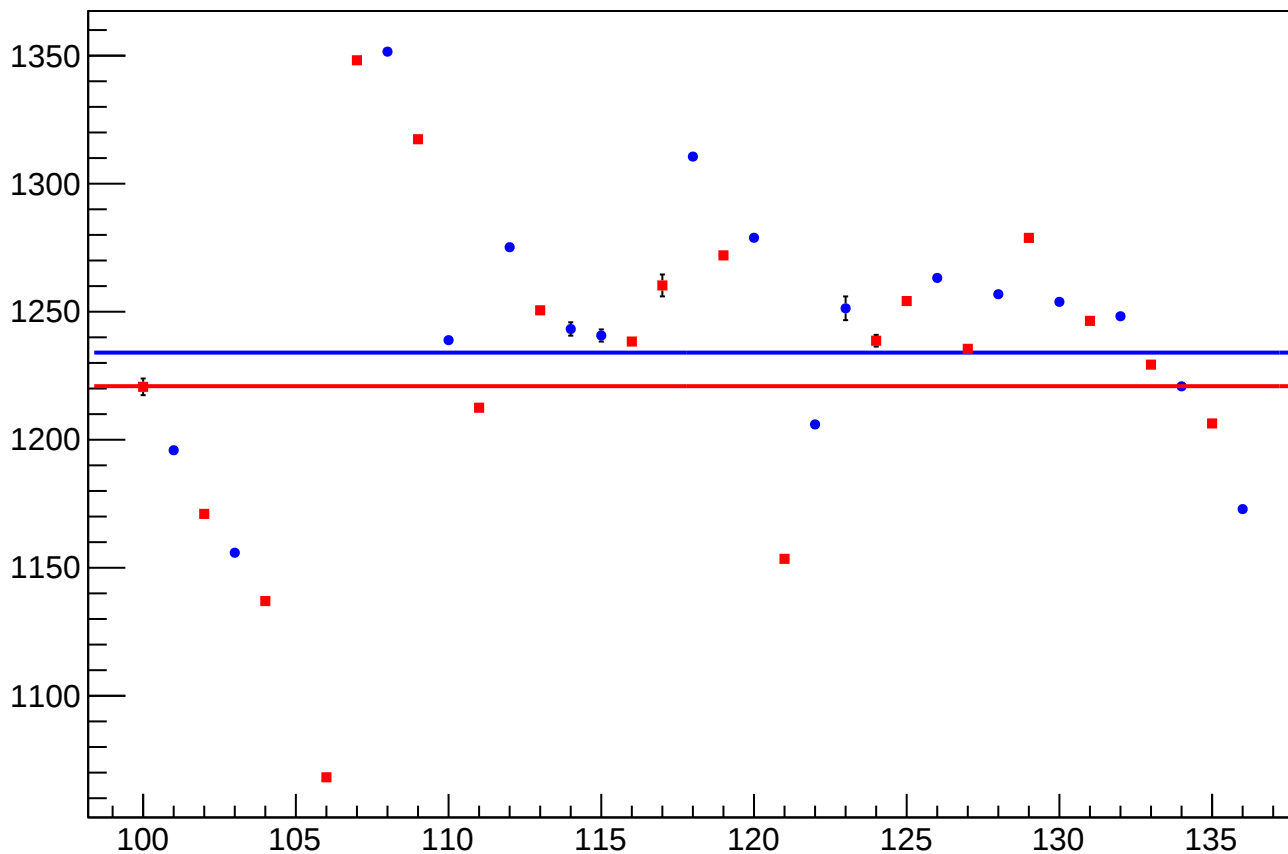
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-3.368+/-0.476 χ^2 /NDF: 59.9/16

-3.196+/-0.331 χ^2 /NDF: 87.9/35

-3.034+/-0.462 χ^2 /NDF: 27.8/18

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1234.032 $\pm$ 0.336 χ^2 /NDF: 23565.3/16

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

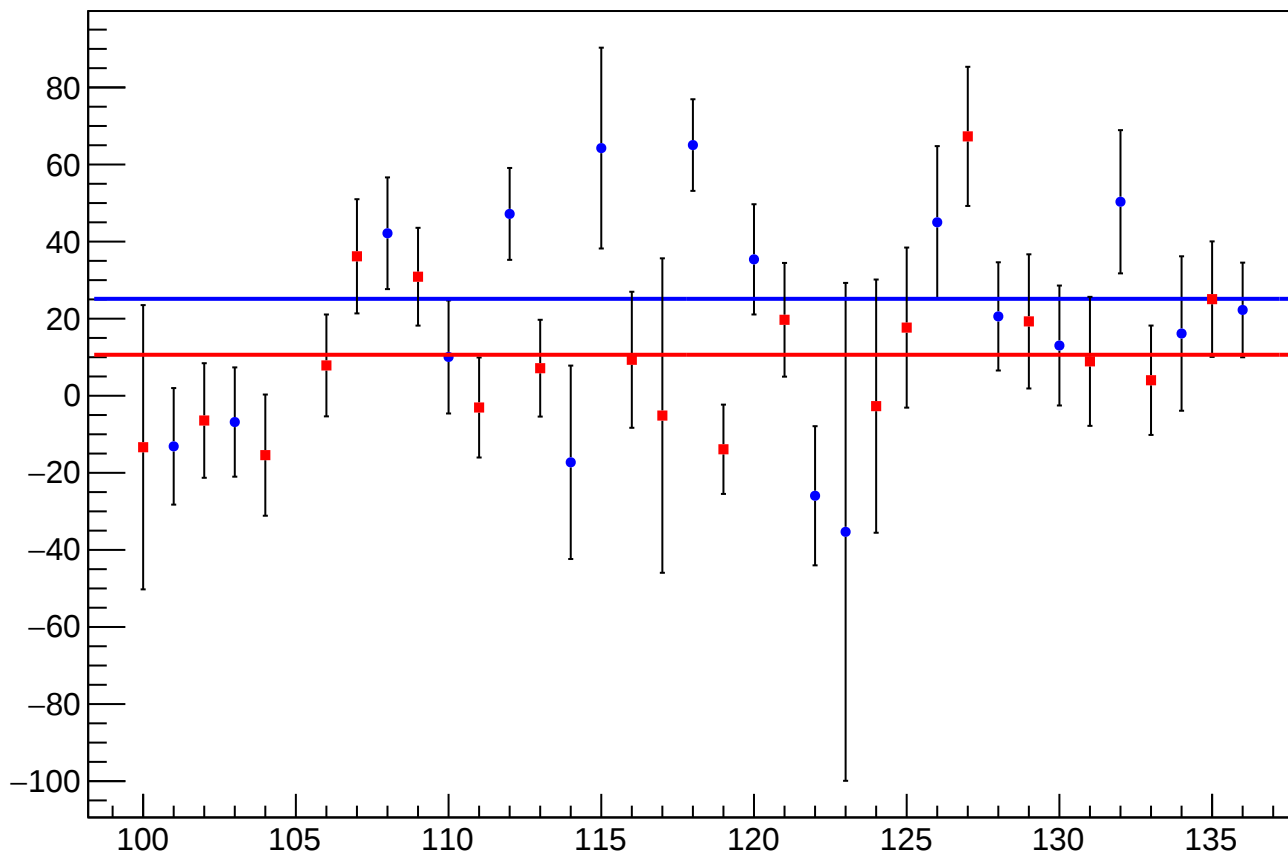
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1234.032 $\pm$ 0.336 χ^2 /NDF: 23565.3/16

1227.283 $\pm$ 0.234 χ^2 /NDF: 63935.8/35

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

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.149+/-3.837 χ^2 /NDF: 46.9/16

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

Right Out: 10.634+/-3.615 χ^2 /NDF: 27.8/18

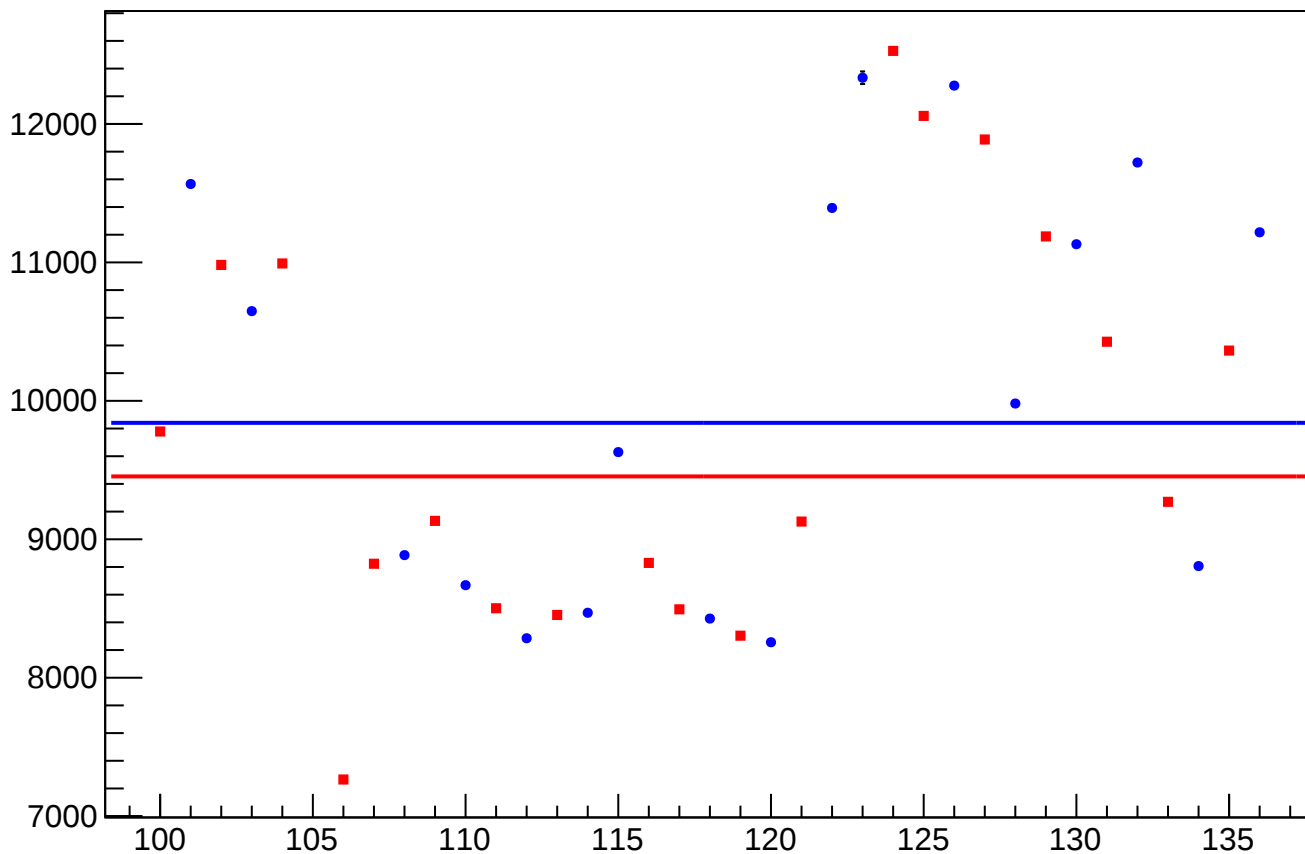
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.149+/-3.837 χ^2 /NDF: 46.9/16

17.458+/-2.631 χ^2 /NDF: 82.3/35

10.634+/-3.615 χ^2 /NDF: 27.8/18

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9841.174+/-2.713 χ^2/NDF : 260062.4/16

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

Right Out: 9454.163+/-2.556 χ^2/NDF : 267543.6/18

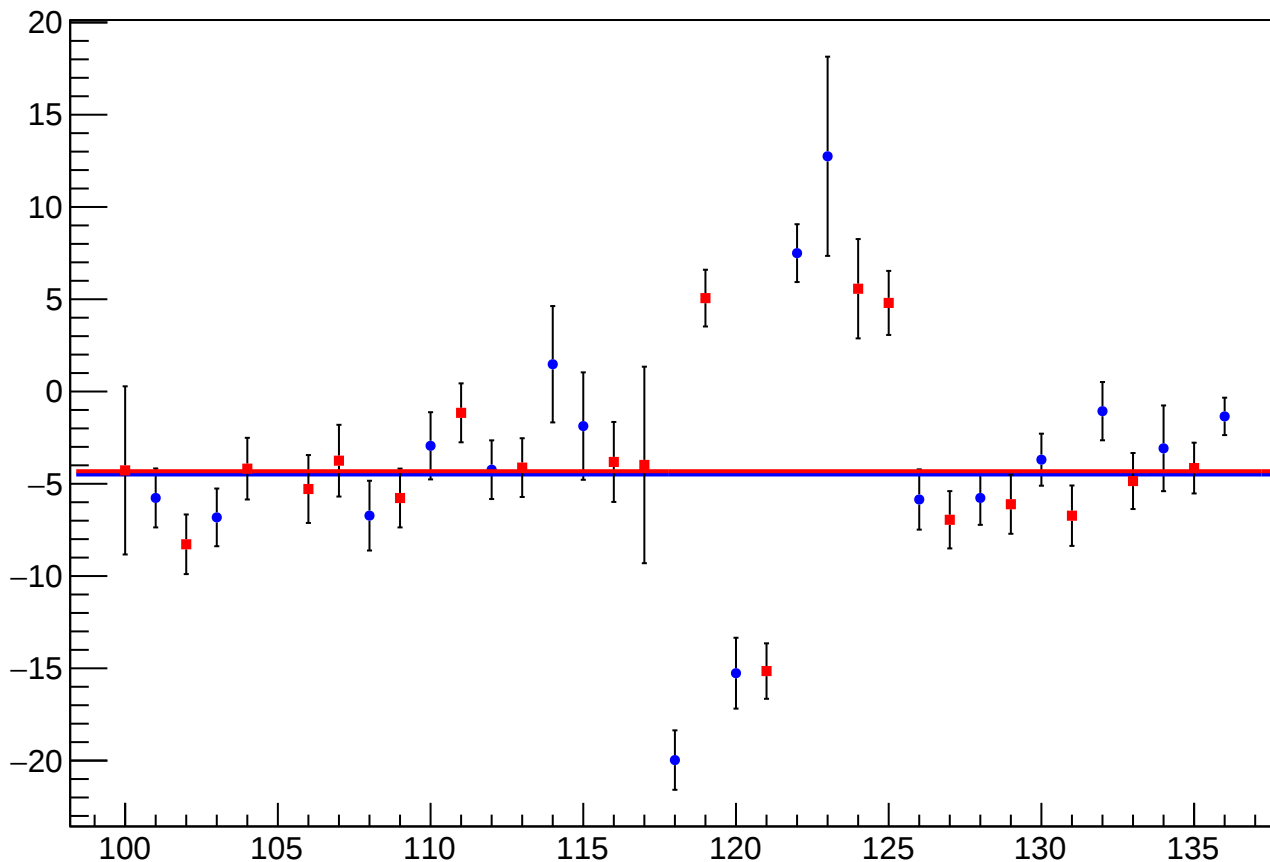
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9841.174+/-2.713 χ^2/NDF : 260062.4/16

9636.120+/-1.861 χ^2/NDF : 538384.4/35

9454.163+/-2.556 χ^2/NDF : 267543.6/18

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -4.497+/-0.408 χ^2 /NDF: 218.4/16

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

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

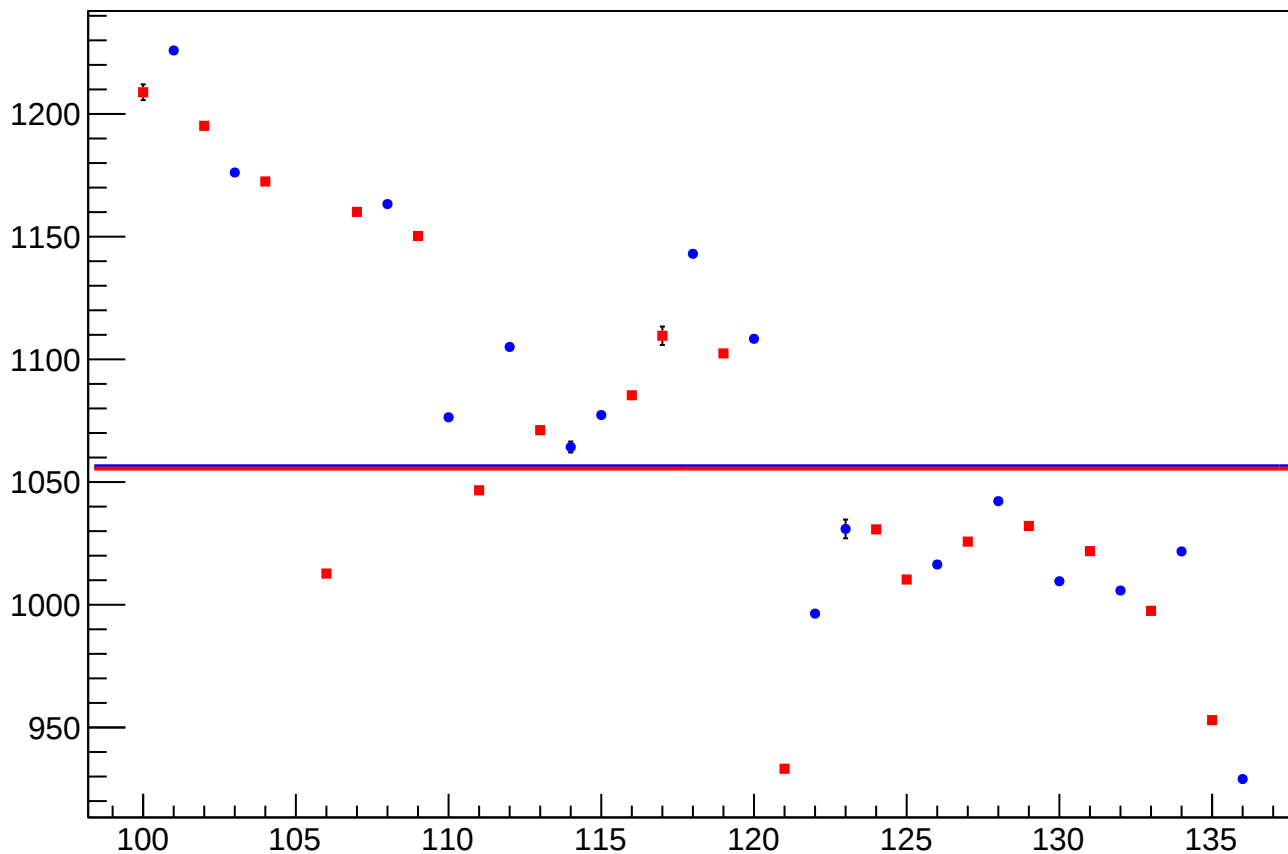
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.497+/-0.408 χ^2 /NDF: 218.4/16

-4.406+/-0.286 χ^2 /NDF: 366.4/35

-4.319+/-0.400 χ^2 /NDF: 147.9/18

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1056.436 $\pm$ 0.289 χ^2 /NDF: 90773.0/16

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

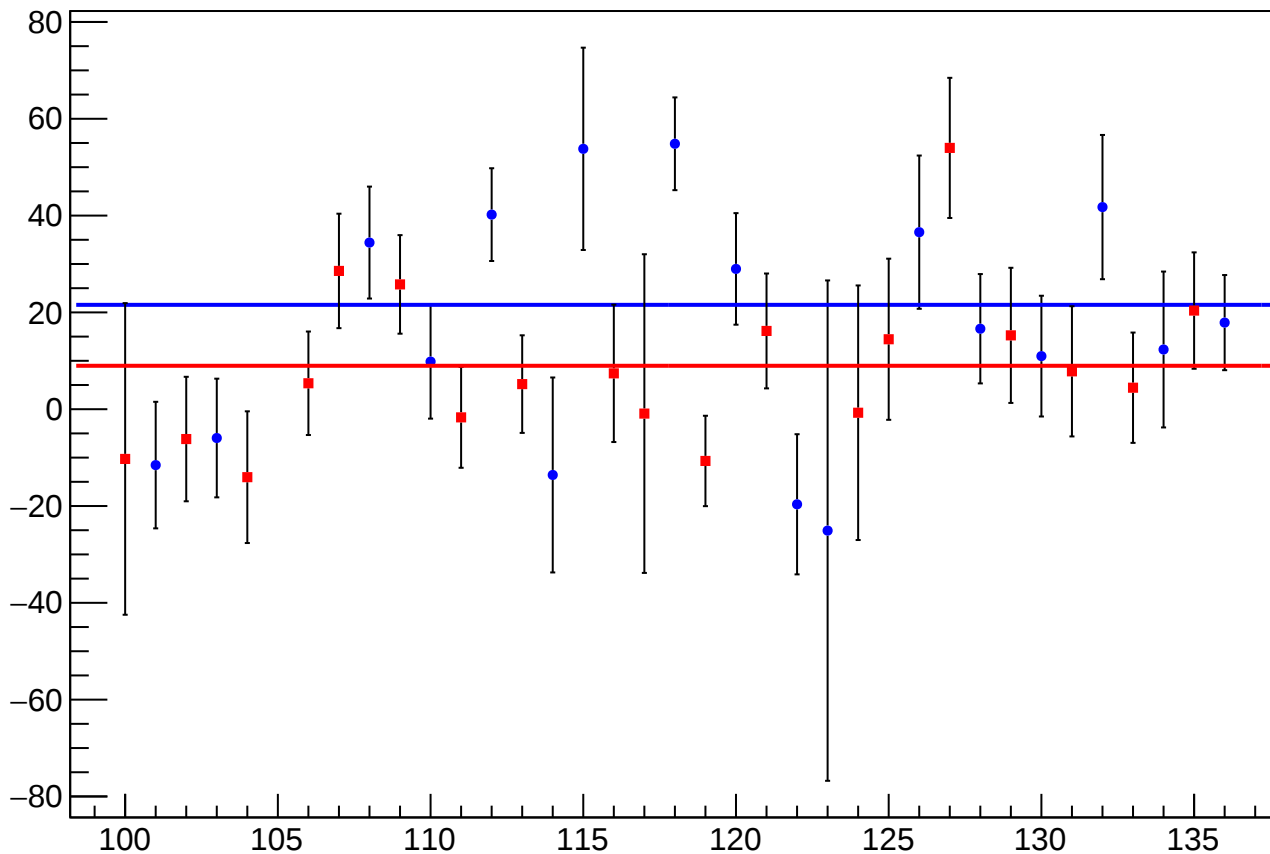
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1056.436 $\pm$ 0.289 χ^2 /NDF: 90773.0/16

1055.965 $\pm$ 0.202 χ^2 /NDF: 165273.1/35

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

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.561+/-3.110 χ^2 /NDF: 48.4/16

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

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

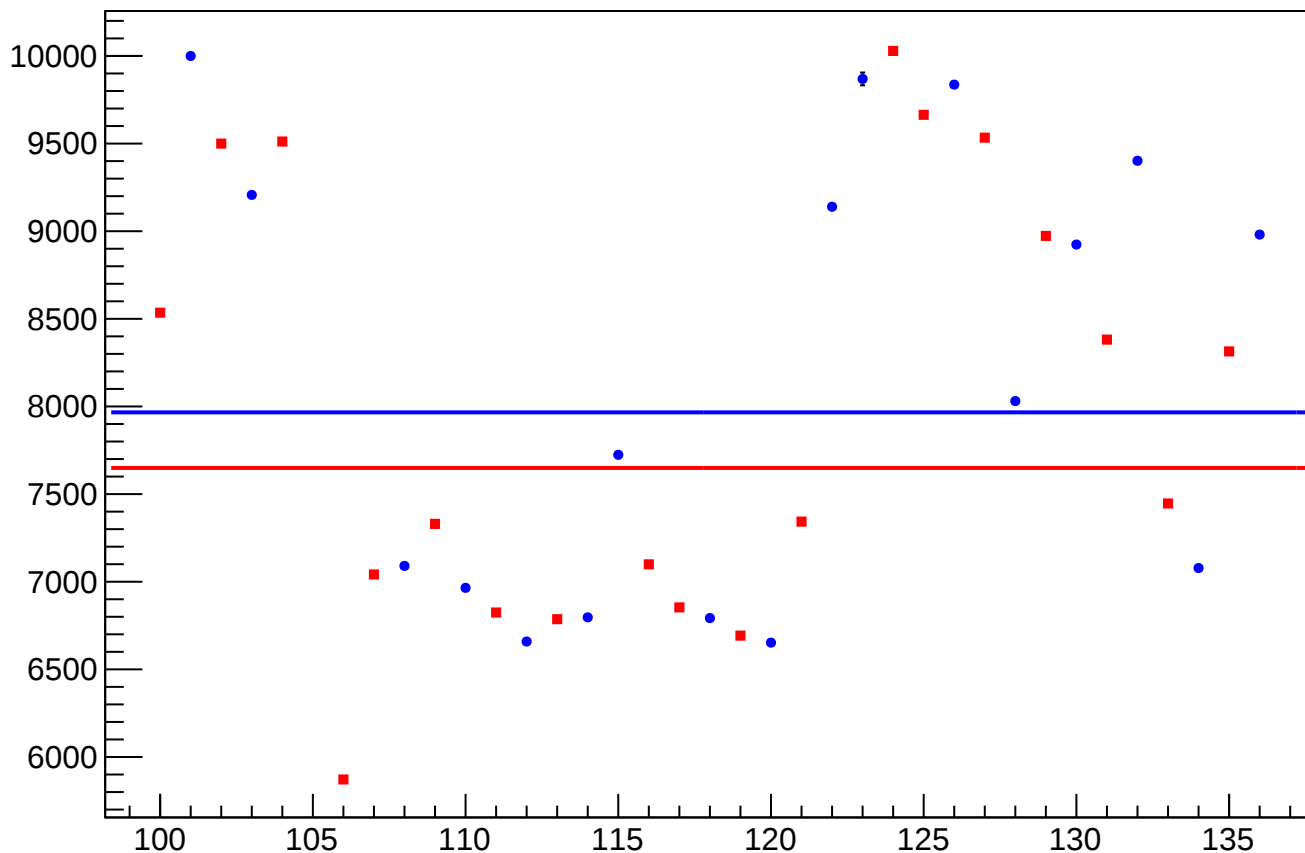
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.561+/-3.110 χ^2 /NDF: 48.4/16

14.888+/-2.132 χ^2 /NDF: 84.5/35

8.972+/-2.929 χ^2 /NDF: 27.5/18

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7966.405 $\pm$ 2.199 χ^2 /NDF: 296611.1/16

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

Right Out: 7649.288 $\pm$ 2.071 χ^2 /NDF: 306910.2/18

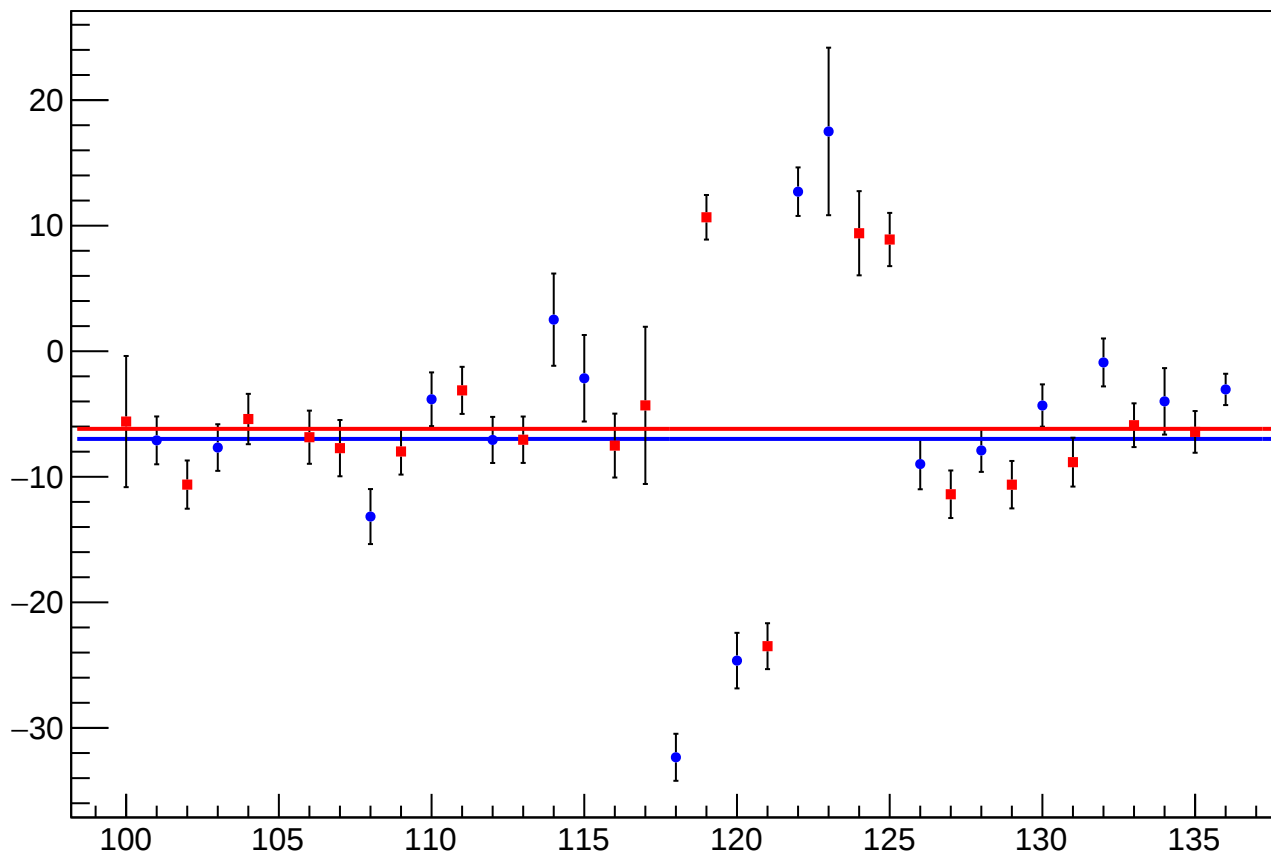
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7966.405 $\pm$ 2.199 χ^2 /NDF: 296611.1/16

7798.316 $\pm$ 1.508 χ^2 /NDF: 614541.0/35

7649.288 $\pm$ 2.071 χ^2 /NDF: 306910.2/18

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -6.984+/-0.486 χ^2 /NDF: 408.5/16

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

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

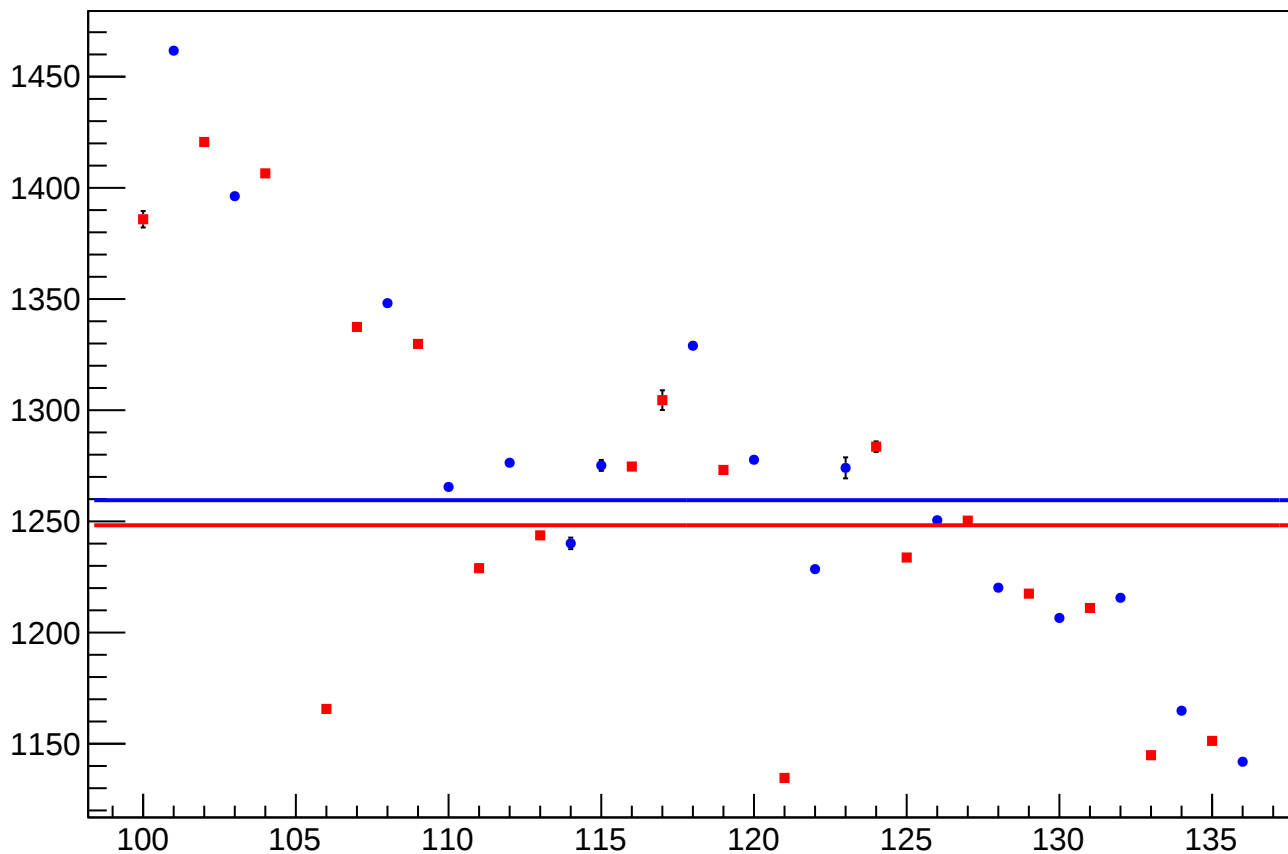
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.984+/-0.486 χ^2 /NDF: 408.5/16

-6.572+/-0.339 χ^2 /NDF: 687.2/35

-6.182+/-0.473 χ^2 /NDF: 277.3/18

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1259.531+/-0.344 χ^2/NDF : 64844.4/16

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

Right Out: 1248.250+/-0.334 χ^2/NDF : 64264.9/18

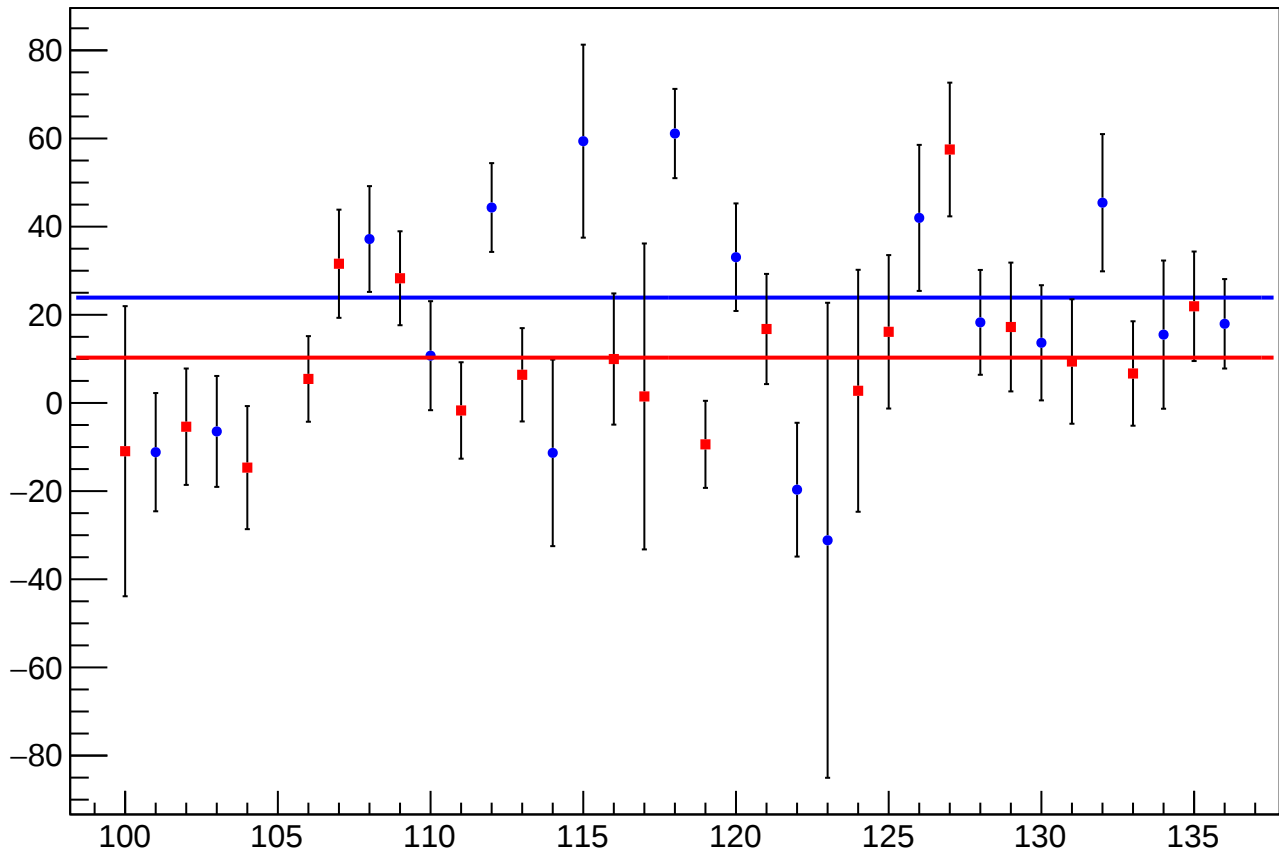
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1259.531+/-0.344 χ^2/NDF : 64844.4/16

1253.733+/-0.240 χ^2/NDF : 129662.8/35

1248.250+/-0.334 χ^2/NDF : 64264.9/18

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.904 $\pm$ 3.251 χ^2 /NDF: 52.4/16

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

Right Out: 10.285 $\pm$ 3.023 χ^2 /NDF: 27.9/18

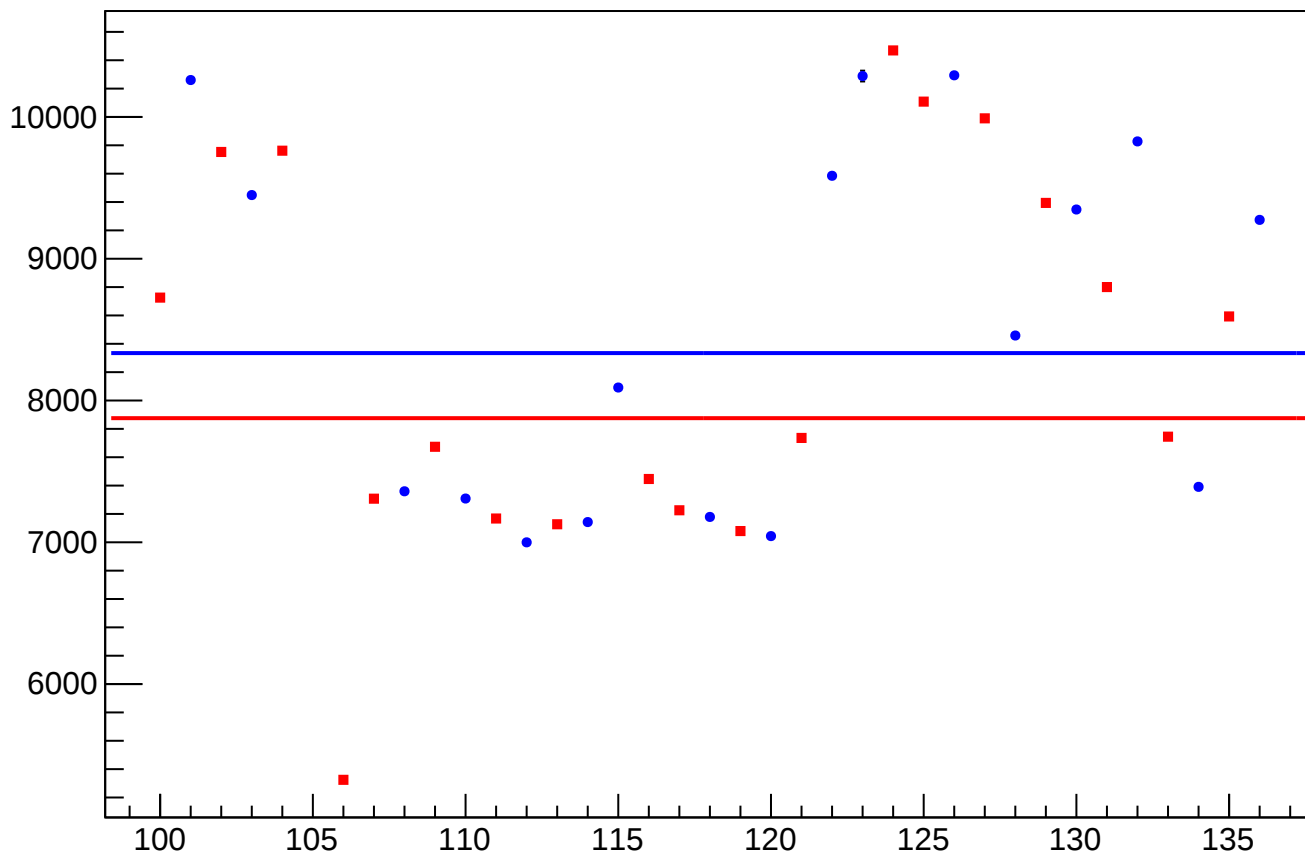
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.904 $\pm$ 3.251 χ^2 /NDF: 52.4/16

16.602 $\pm$ 2.214 χ^2 /NDF: 89.7/35

10.285 $\pm$ 3.023 χ^2 /NDF: 27.9/18

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8334.507 $\pm$ 2.299 χ^2 /NDF: 272302.6/16

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

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

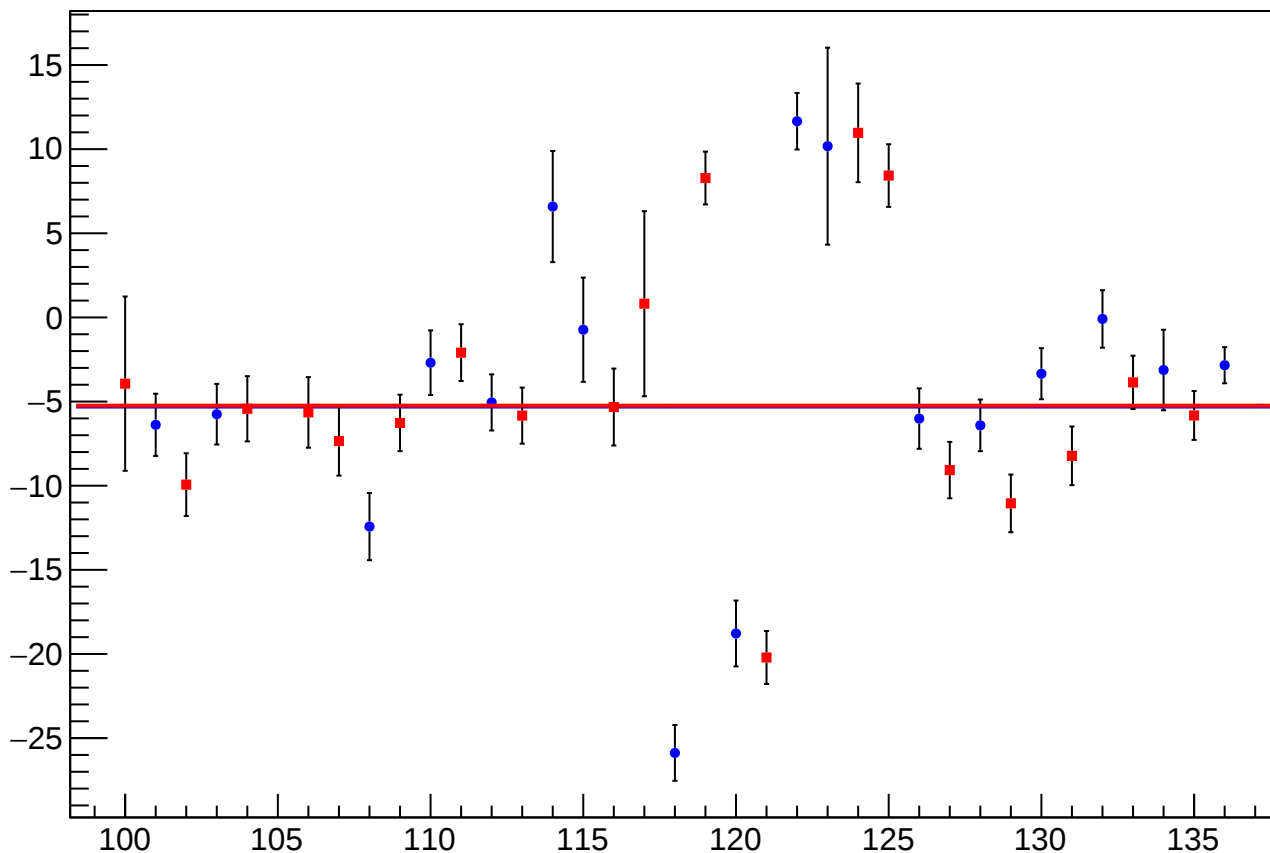
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8334.507 $\pm$ 2.299 χ^2 /NDF: 272302.6/16

8088.417 $\pm$ 1.565 χ^2 /NDF: 675652.9/35

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

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.295+/-0.437 χ^2/NDF : 358.1/16

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

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

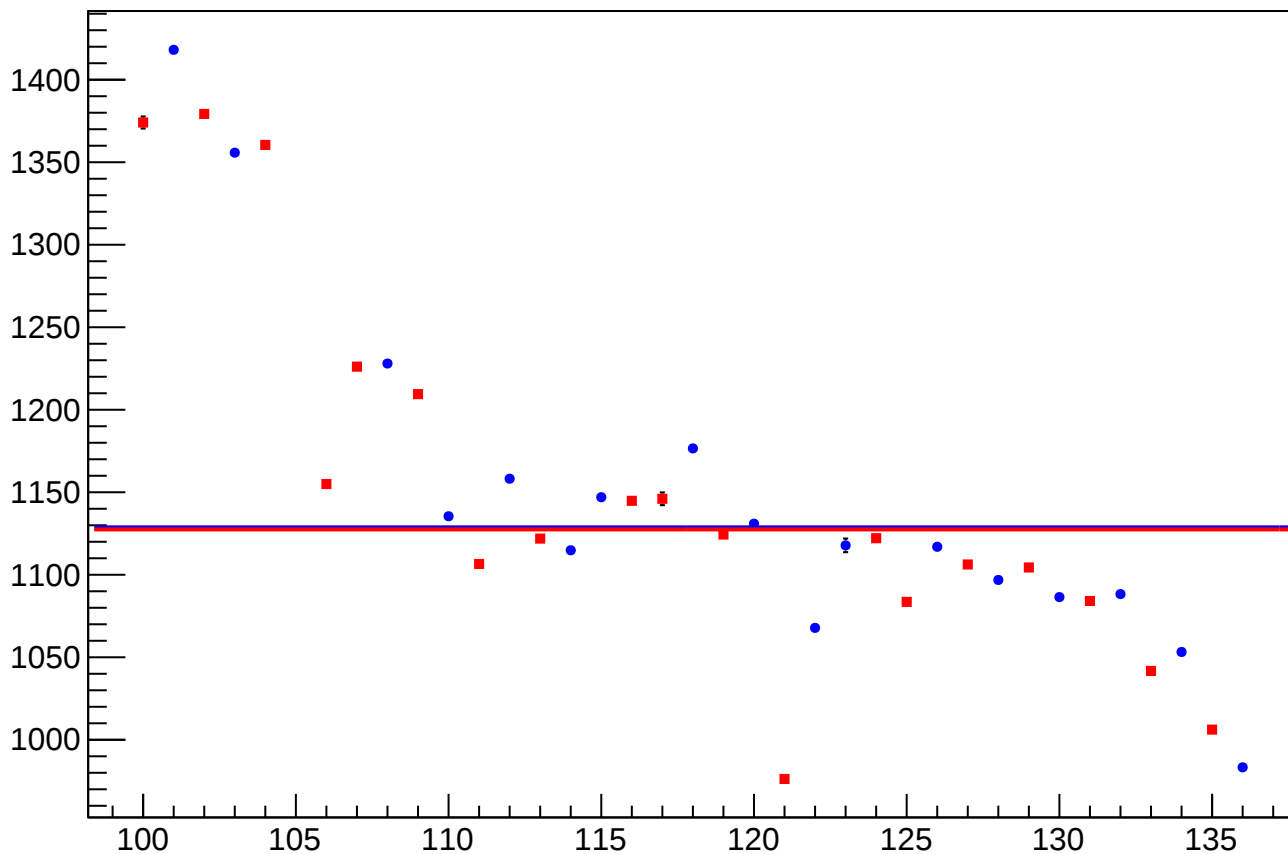
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.295+/-0.437 χ^2/NDF : 358.1/16

-5.268+/-0.306 χ^2/NDF : 640.9/35

-5.243+/-0.428 χ^2/NDF : 282.8/18

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1128.740 $\pm$ 0.309 χ^2 /NDF: 133096.9/16

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

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

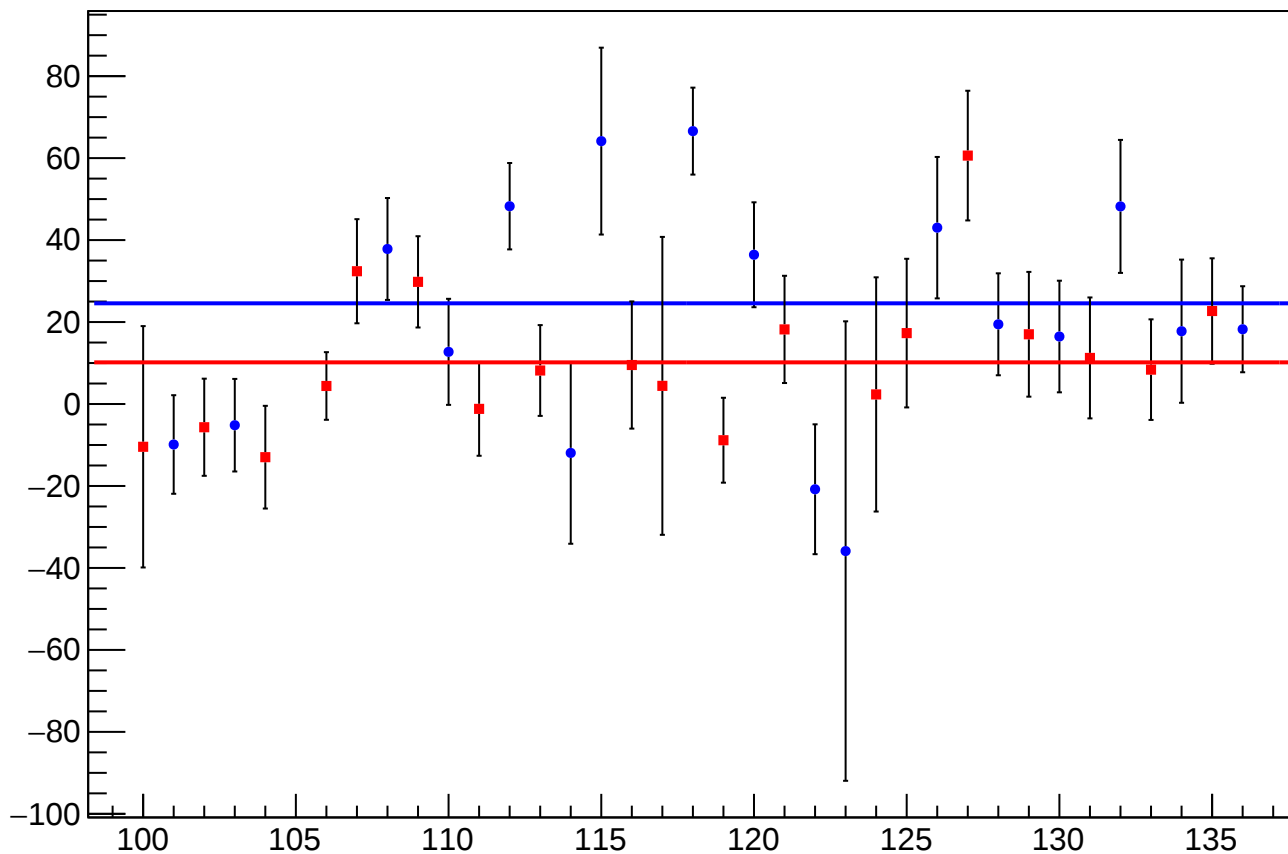
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1128.740 $\pm$ 0.309 χ^2 /NDF: 133096.9/16

1128.098 $\pm$ 0.216 χ^2 /NDF: 254555.1/35

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

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.569+/-3.318 χ^2/NDF : 58.1/16

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

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

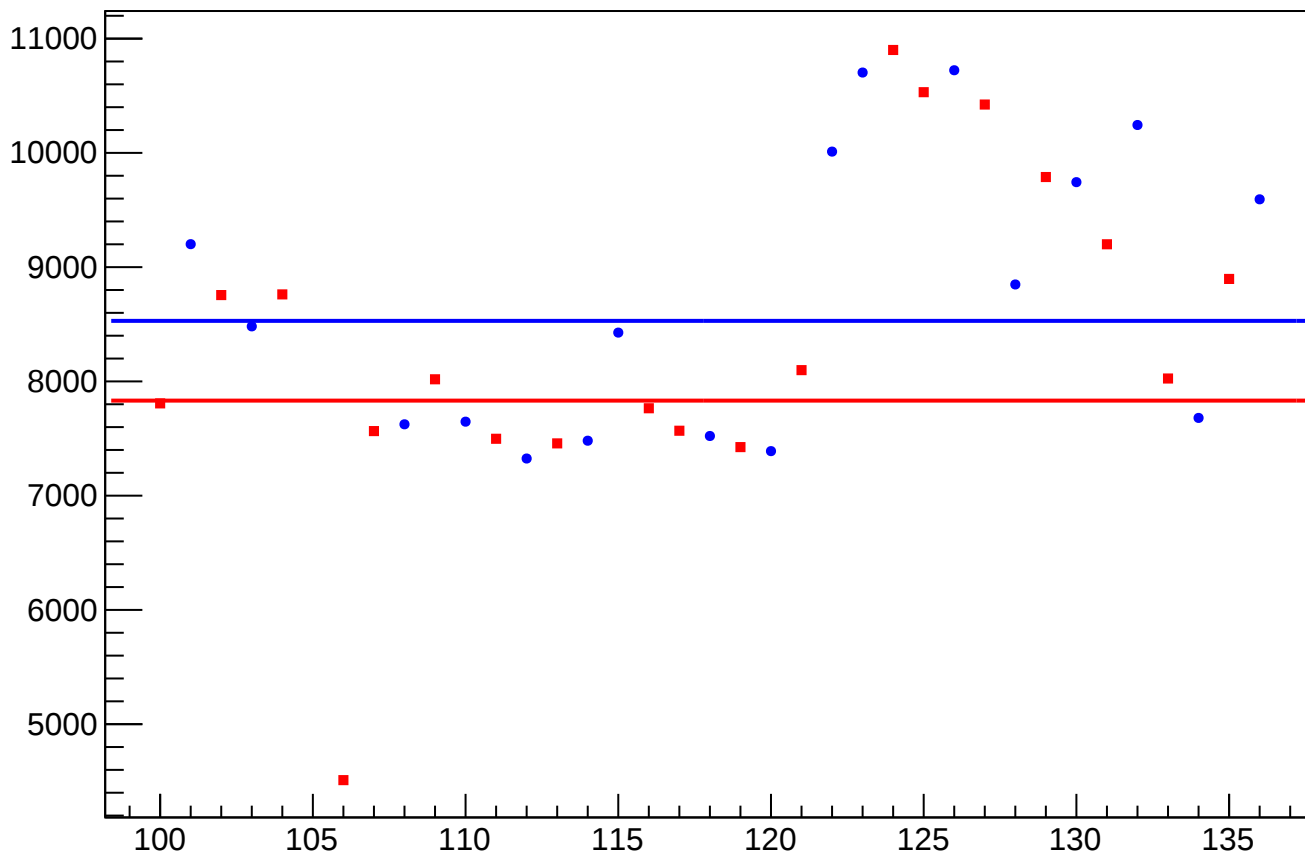
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.569+/-3.318 χ^2/NDF : 58.1/16

16.701+/-2.235 χ^2/NDF : 97.1/35

10.163+/-3.025 χ^2/NDF : 28.7/18

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8529.821 $\pm$ 2.346 χ^2 /NDF: 208336.1/16

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

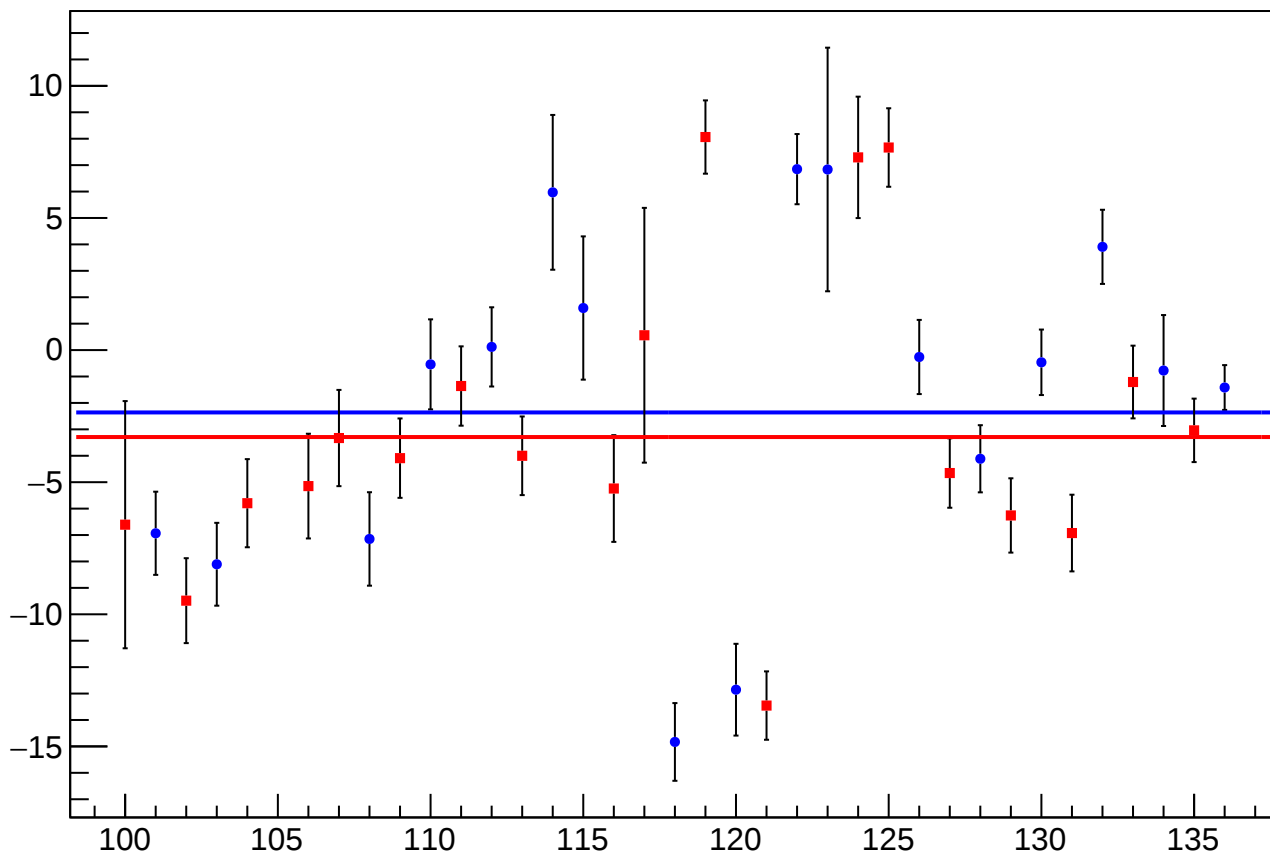
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8529.821 $\pm$ 2.346 χ^2 /NDF: 208336.1/16

8148.628 $\pm$ 1.581 χ^2 /NDF: 798876.1/35

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.360 $\pm$ 0.366 χ^2 /NDF: 232.0/16

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

Right Out: -3.291 $\pm$ 0.365 χ^2 /NDF: 240.7/18

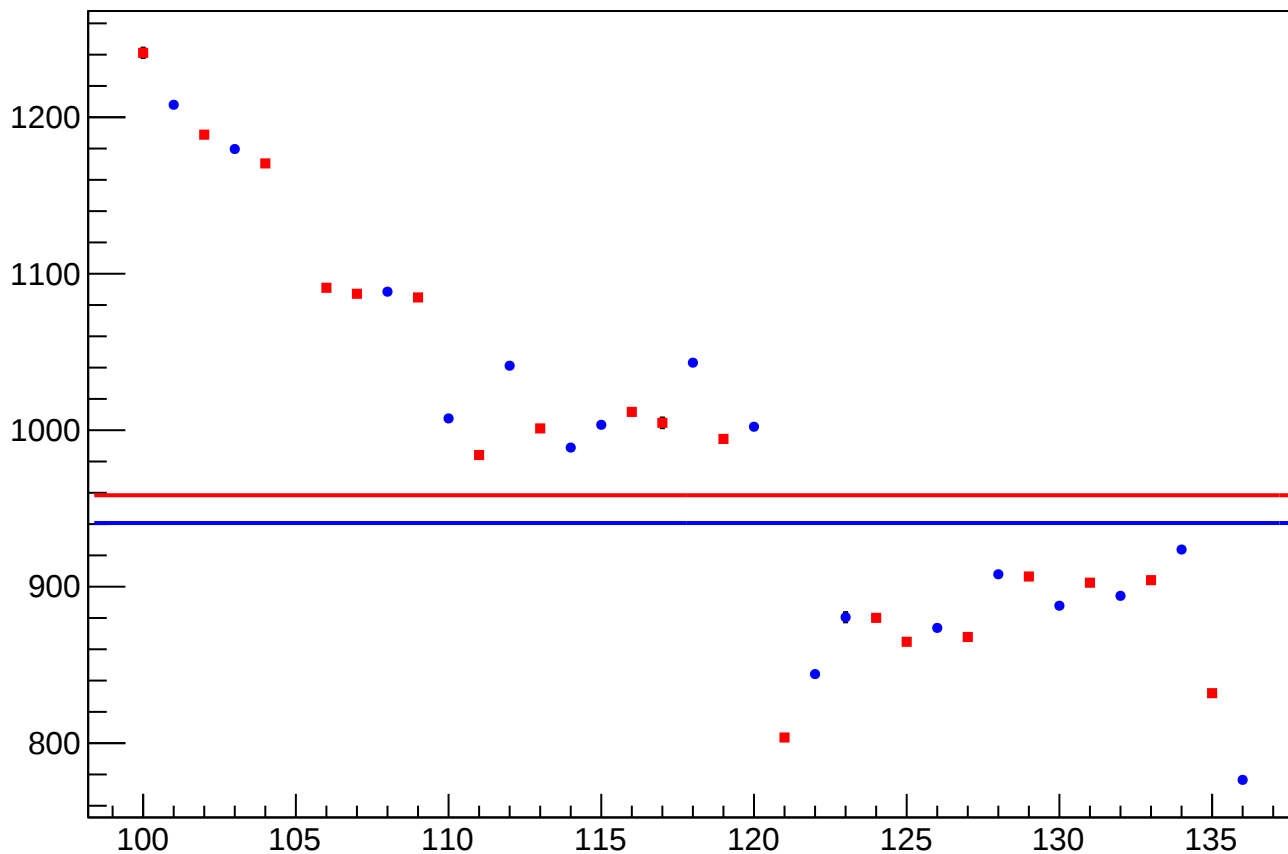
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-2.360 $\pm$ 0.366 χ^2 /NDF: 232.0/16

-2.827 $\pm$ 0.258 χ^2 /NDF: 475.9/35

-3.291 $\pm$ 0.365 χ^2 /NDF: 240.7/18

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 940.683+/-0.258 χ^2/NDF : 241768.4/16

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

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

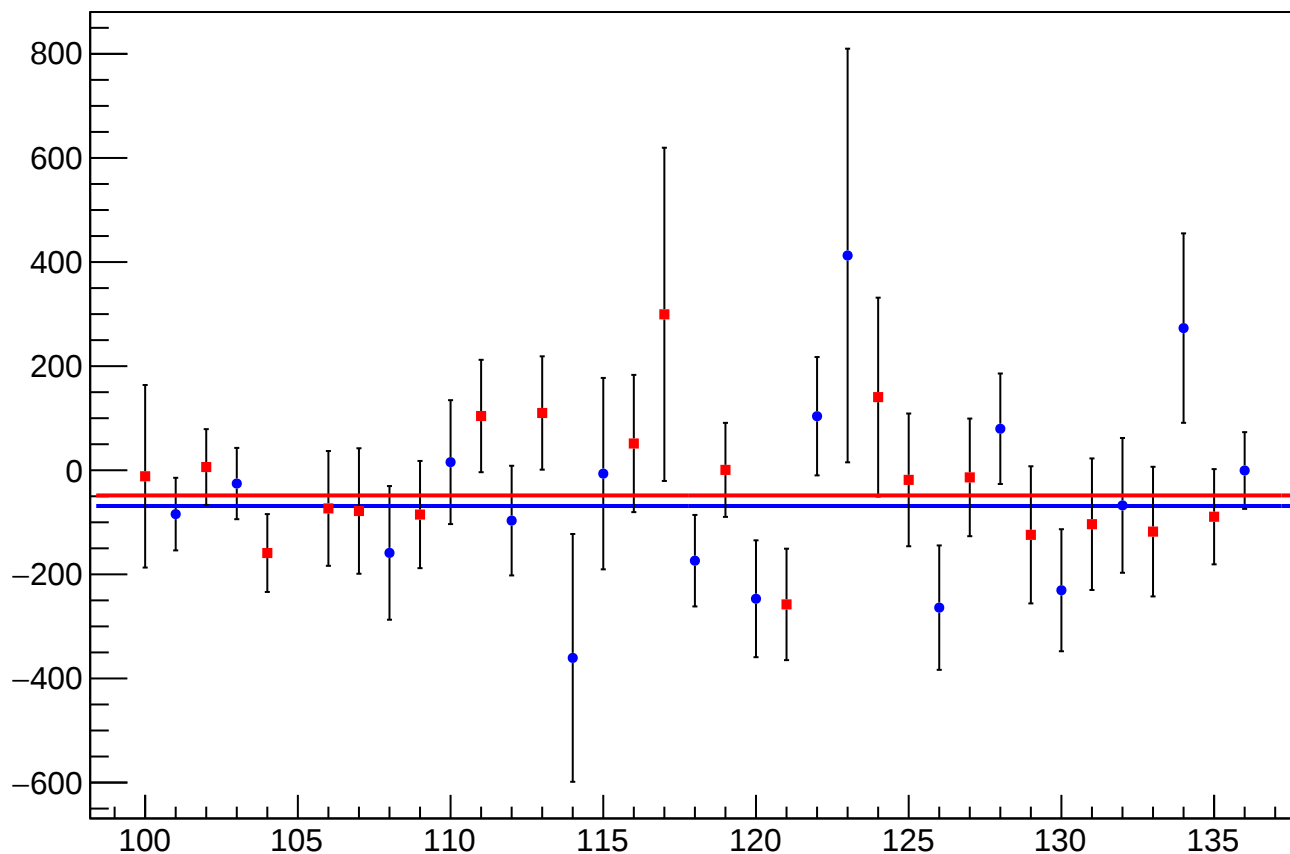
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

940.683+/-0.258 χ^2/NDF : 241768.4/16

949.586+/-0.183 χ^2/NDF : 442553.8/35

958.450+/-0.258 χ^2/NDF : 198418.0/18

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -68.688 $\pm$ 25.946 χ^2 /NDF: 21.8/16

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

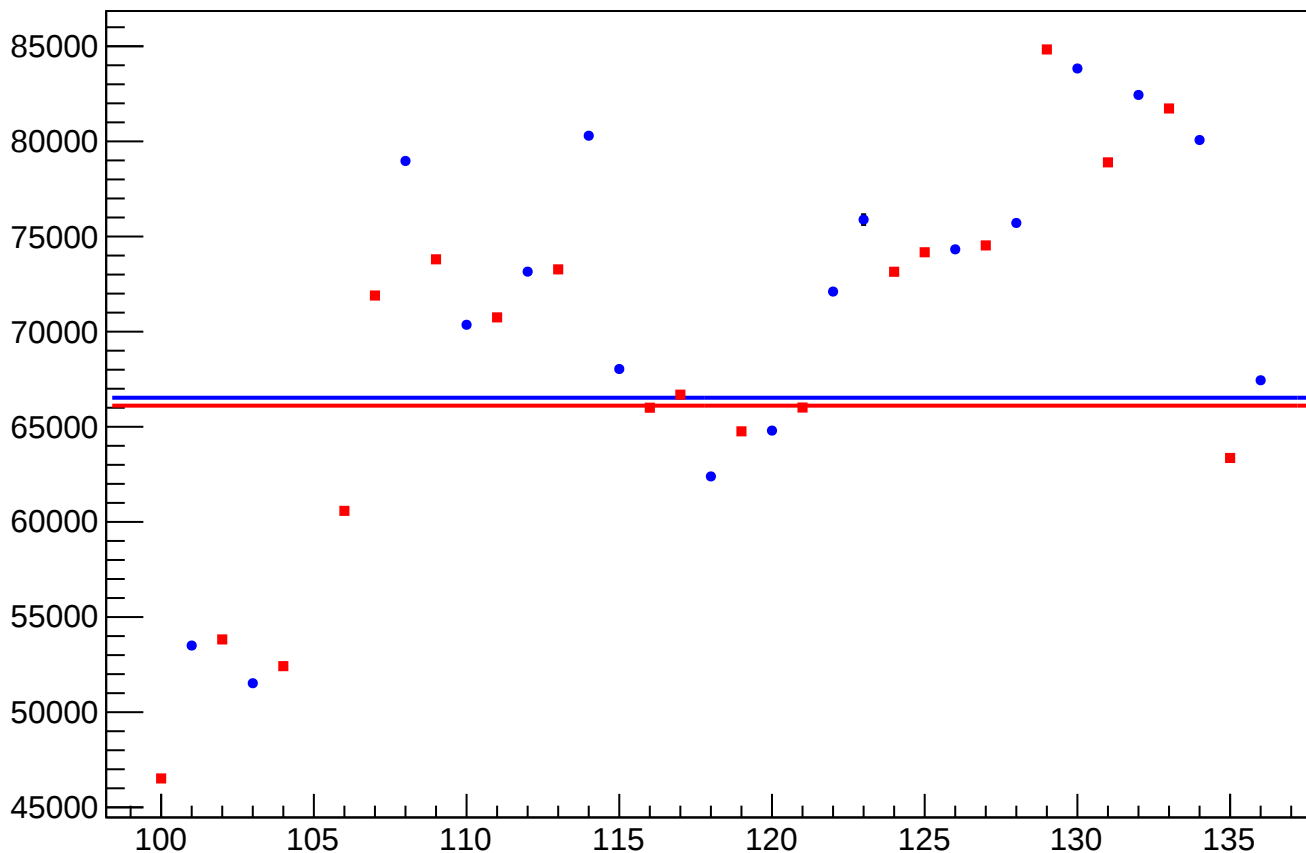
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.688 $\pm$ 25.946 χ^2 /NDF: 21.8/16

-58.263 $\pm$ 18.109 χ^2 /NDF: 37.3/35

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

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66527.251+/-18.347 χ^2/NDF : 320887.2/16

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

Right Out: 66110.919+/-17.880 χ^2/NDF : 298491.7/18

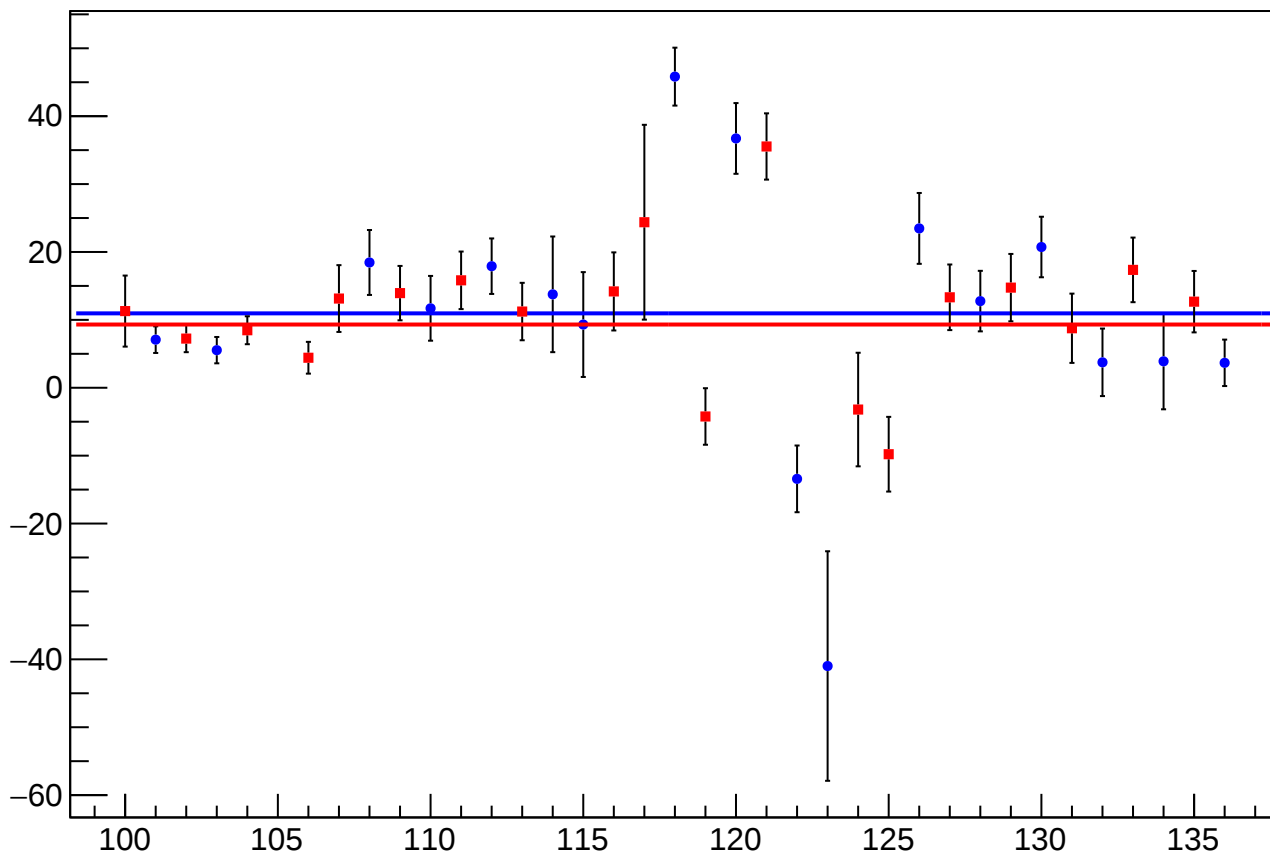
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66527.251+/-18.347 χ^2/NDF : 320887.2/16

66313.724+/-12.805 χ^2/NDF : 619643.0/3

66110.919+/-17.880 χ^2/NDF : 298491.7/18

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.958 $\pm$ 0.943 χ^2 /NDF: 160.9/16

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

Right Out: 9.314 $\pm$ 0.871 χ^2 /NDF: 71.2/18

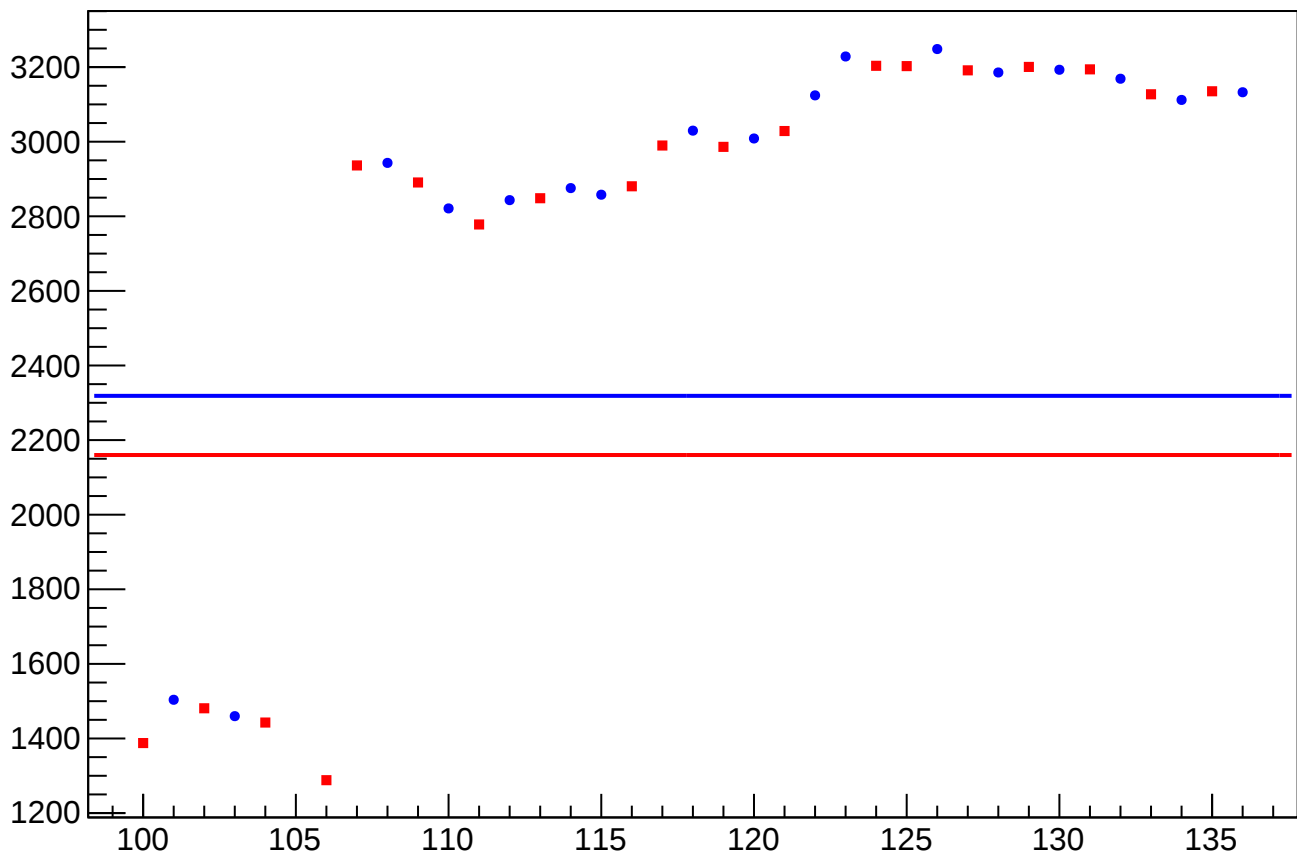
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.958 $\pm$ 0.943 χ^2 /NDF: 160.9/16

10.071 $\pm$ 0.640 χ^2 /NDF: 233.7/35

9.314 $\pm$ 0.871 χ^2 /NDF: 71.2/18

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2318.624 $\pm$ 0.667 χ^2 /NDF: 1408300.4/16

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

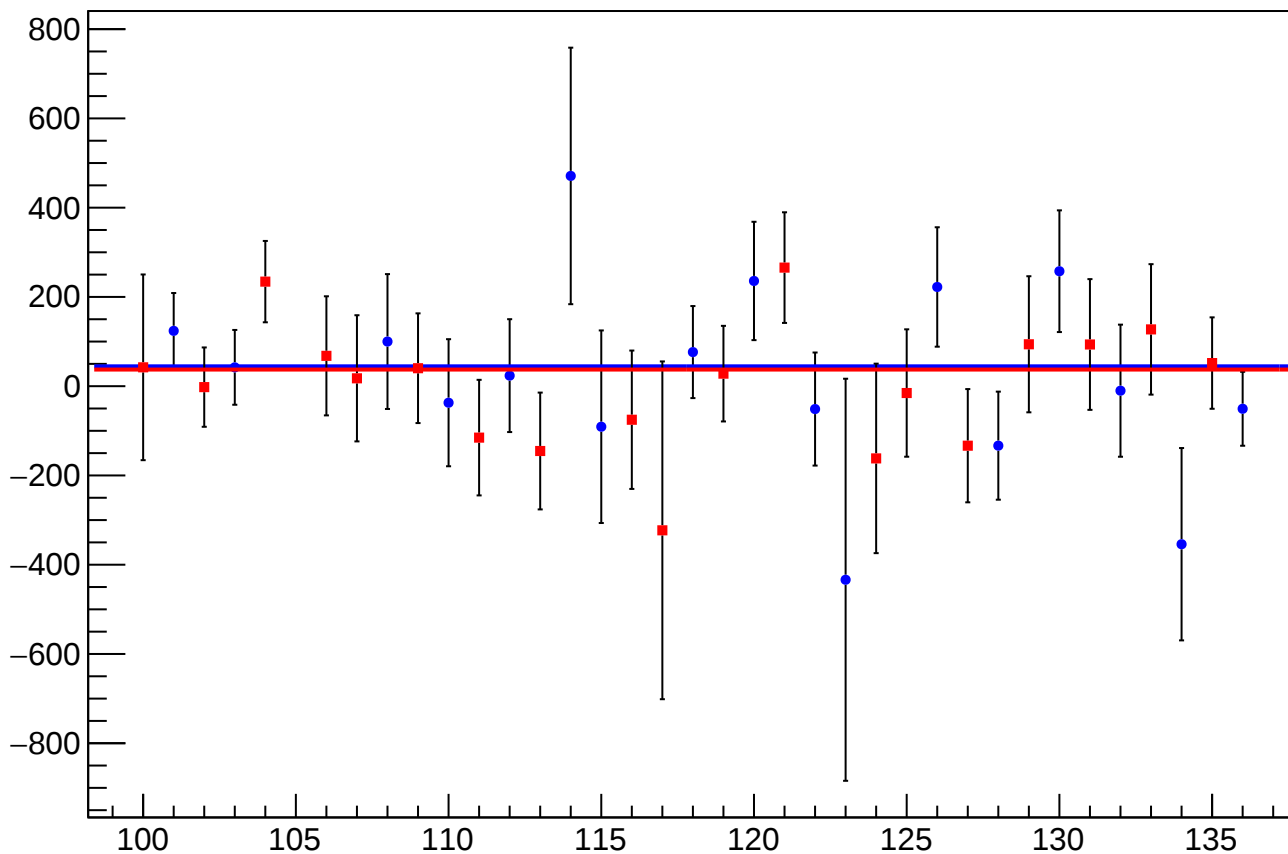
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2318.624 $\pm$ 0.667 χ^2 /NDF: 1408300.4/16

2233.026 $\pm$ 0.453 χ^2 /NDF: 3165276.0/35

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 44.484+/-30.432 χ^2/NDF : 19.1/16

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

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

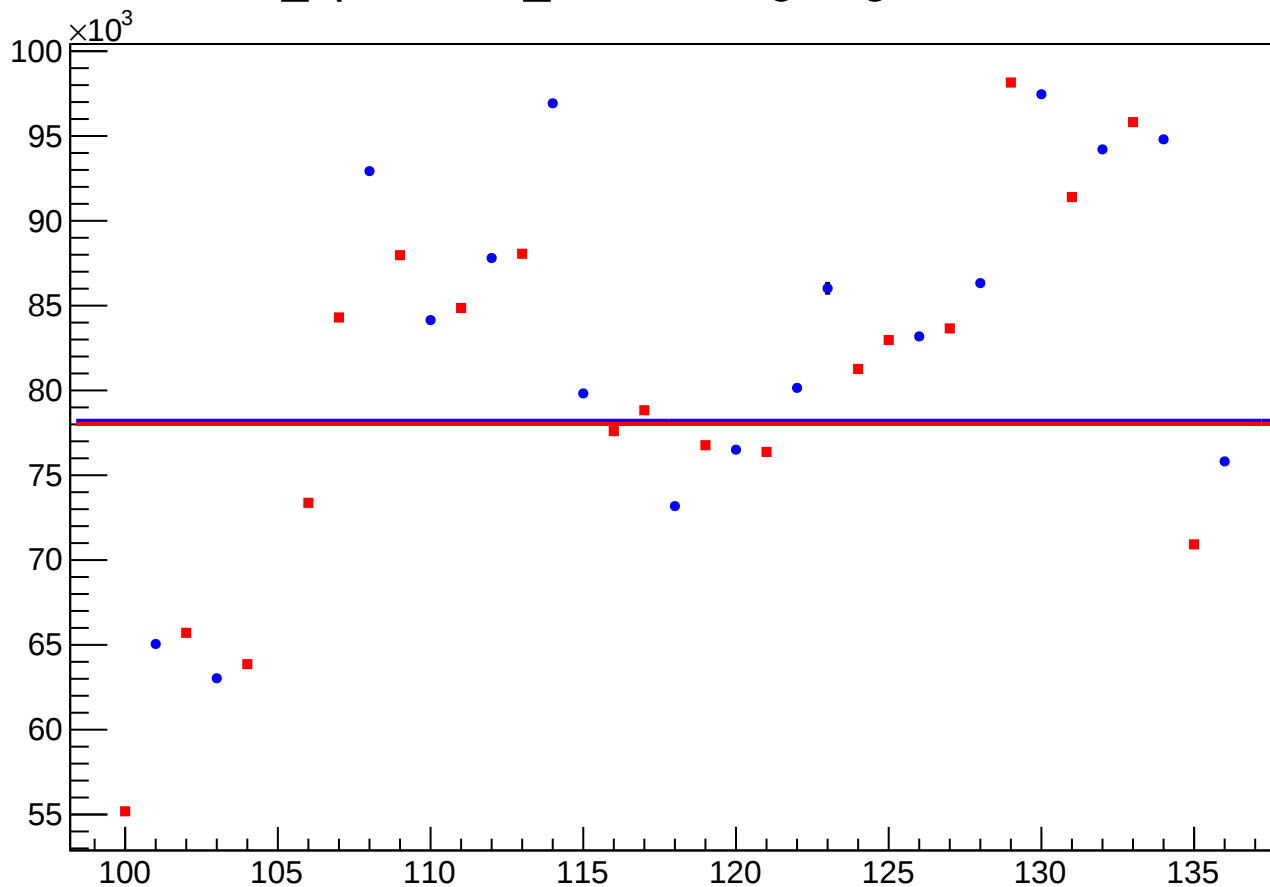
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.484+/-30.432 χ^2/NDF : 19.1/16

40.788+/-21.289 χ^2/NDF : 35.7/35

37.245+/-29.793 χ^2/NDF : 16.6/18

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 78213.025+/-21.519 χ^2 /NDF: 251056.7/16

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

Right Out: 78020.979+/-21.067 χ^2 /NDF: 245829.8/18

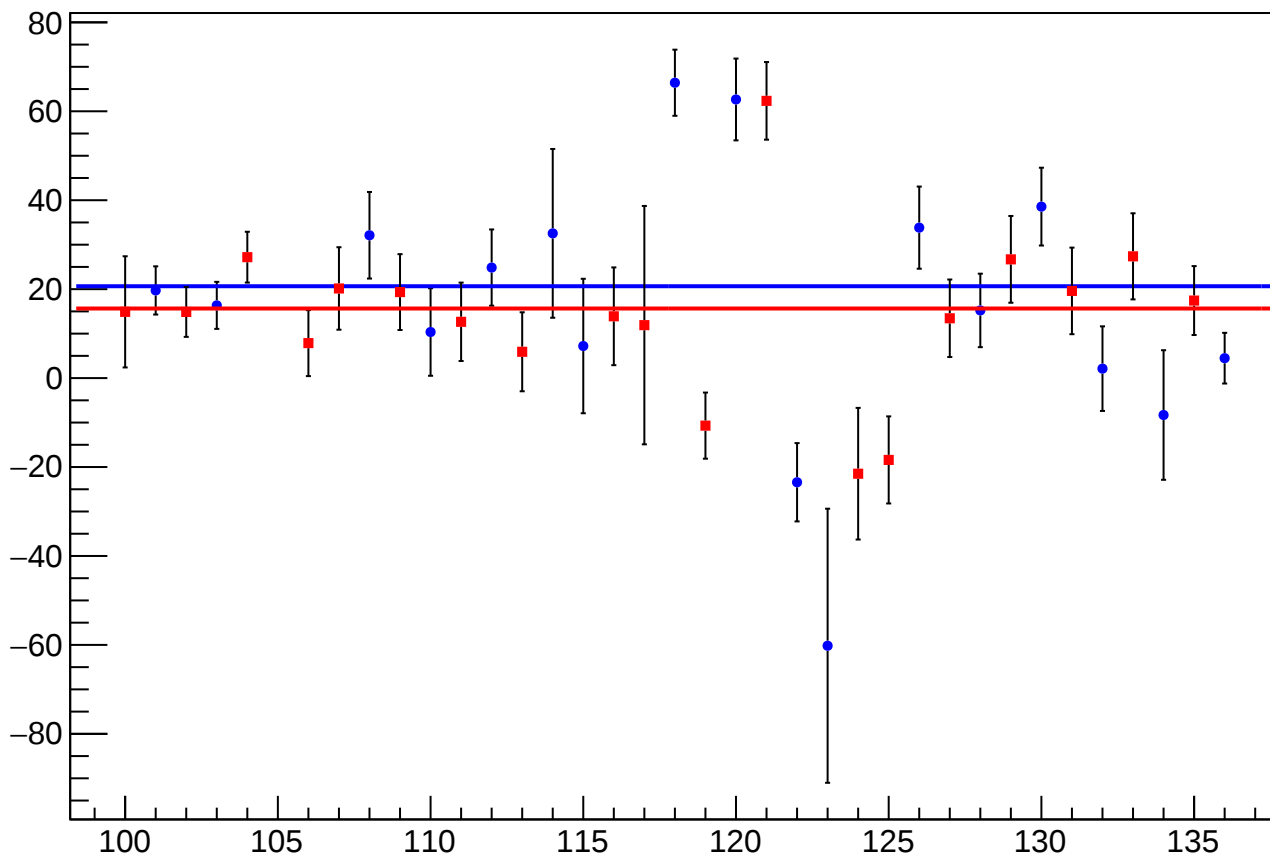
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

78213.025+/-21.519 χ^2 /NDF: 251056.7/16

78114.965+/-15.054 χ^2 /NDF: 496927.1/3

78020.979+/-21.067 χ^2 /NDF: 245829.8/18

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 20.657+/-2.036 χ^2 /NDF: 117.7/16

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

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

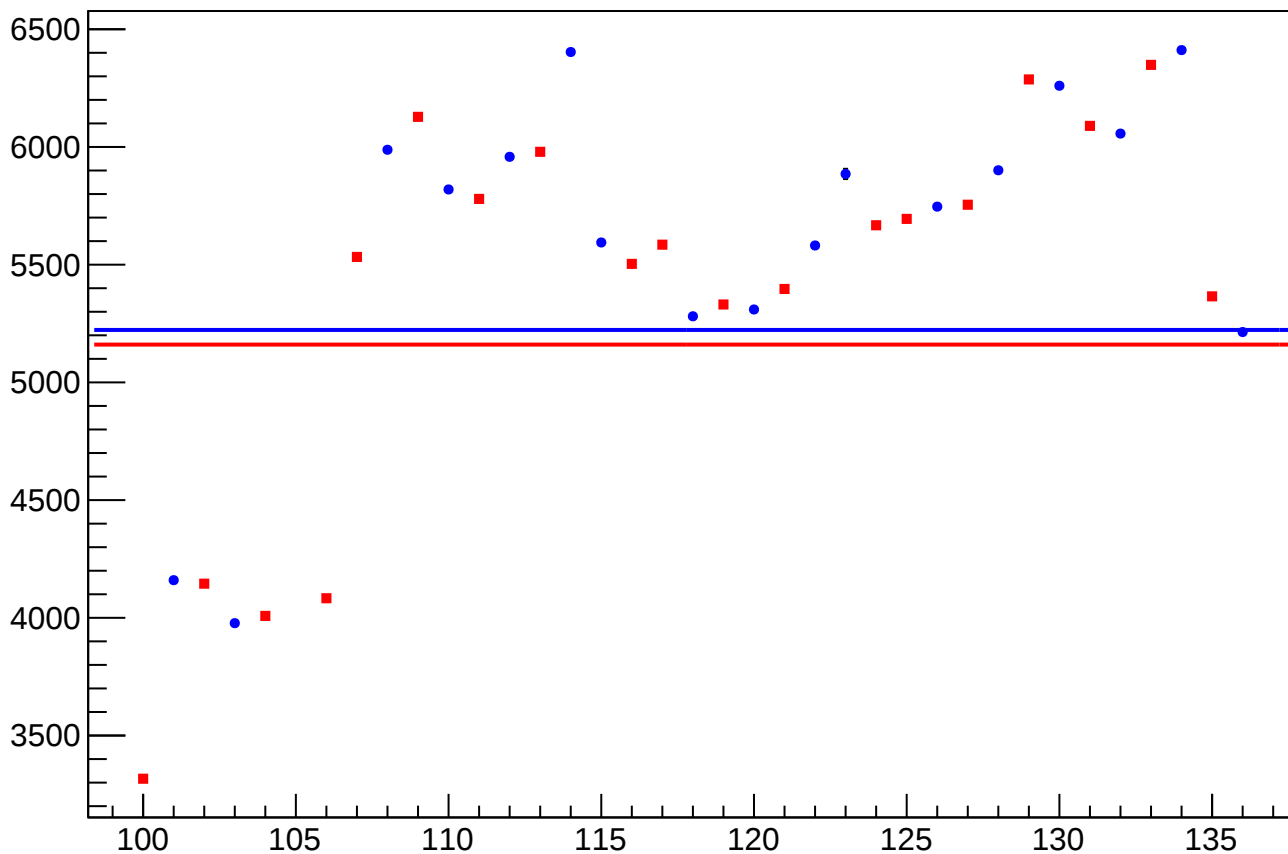
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

20.657+/-2.036 χ^2 /NDF: 117.7/16

18.082+/-1.419 χ^2 /NDF: 190.4/35

15.648+/-1.979 χ^2 /NDF: 69.6/18

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 5222.767 $\pm$ 1.440 χ^2 /NDF: 312497.9/16

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

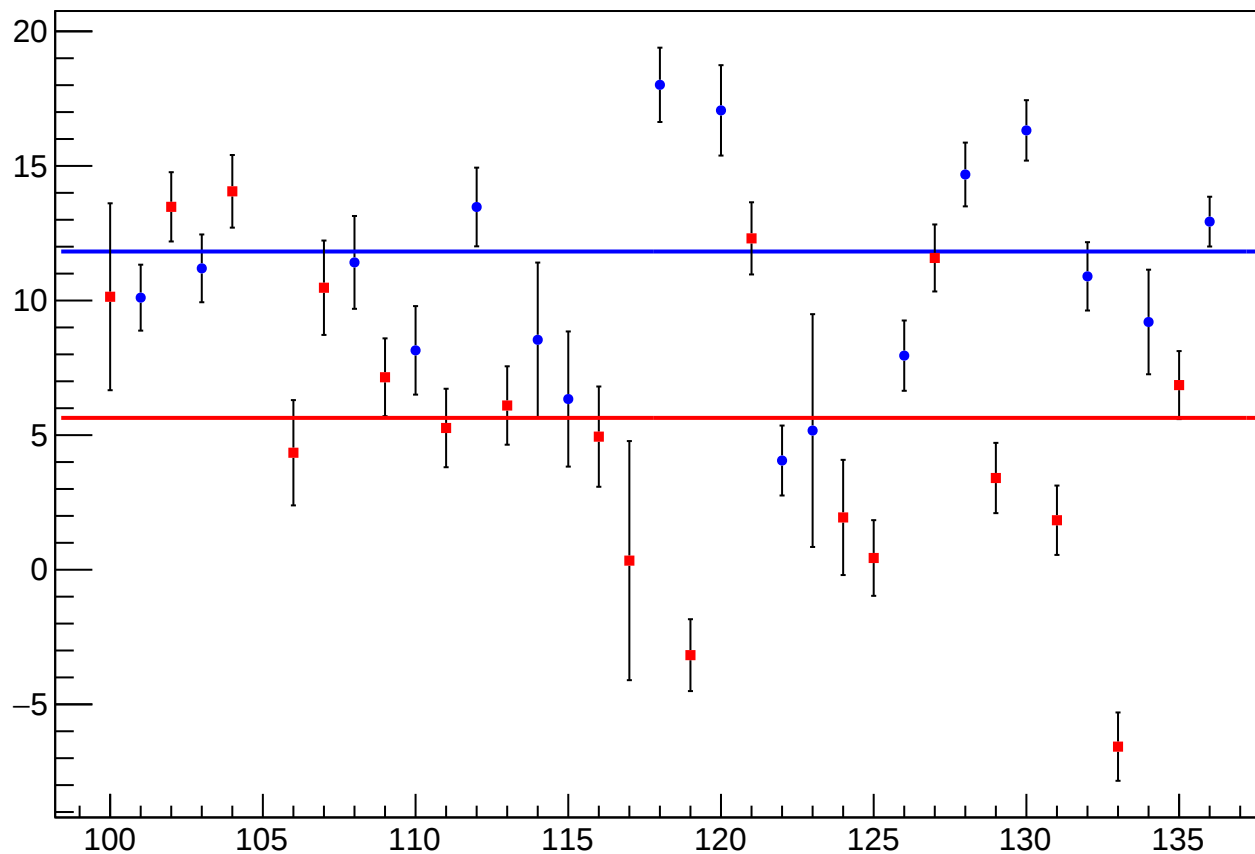
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5222.767 $\pm$ 1.440 χ^2 /NDF: 312497.9/16

5190.803 $\pm$ 1.003 χ^2 /NDF: 700868.9/35

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

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.821+/-0.344 χ^2/NDF : 117.0/16

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

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

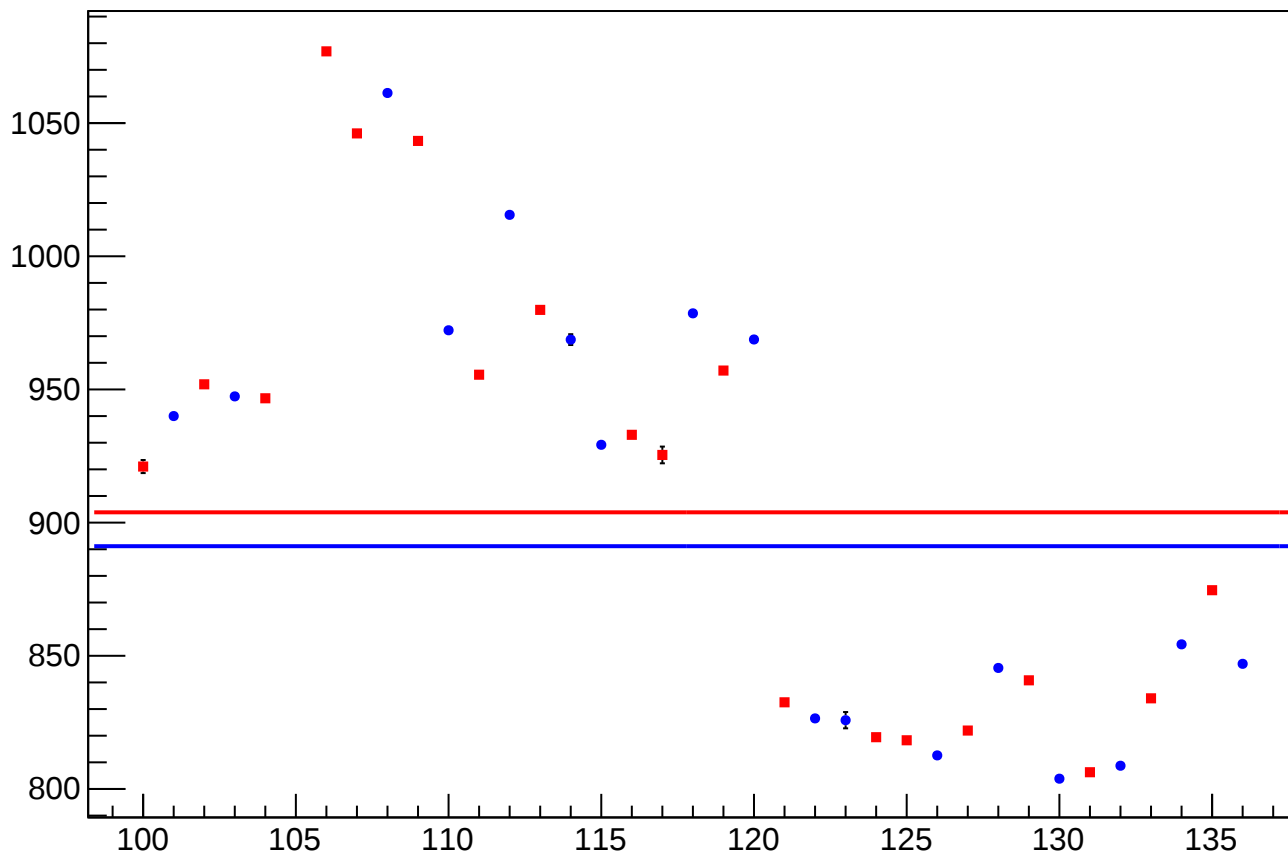
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.821+/-0.344 χ^2/NDF : 117.0/16

8.716+/-0.243 χ^2/NDF : 580.3/35

5.641+/-0.343 χ^2/NDF : 301.5/18

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 891.149+/-0.244 χ^2/NDF : 101659.1/16

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

Right Out: 903.865+/-0.242 χ^2/NDF : 112128.4/18

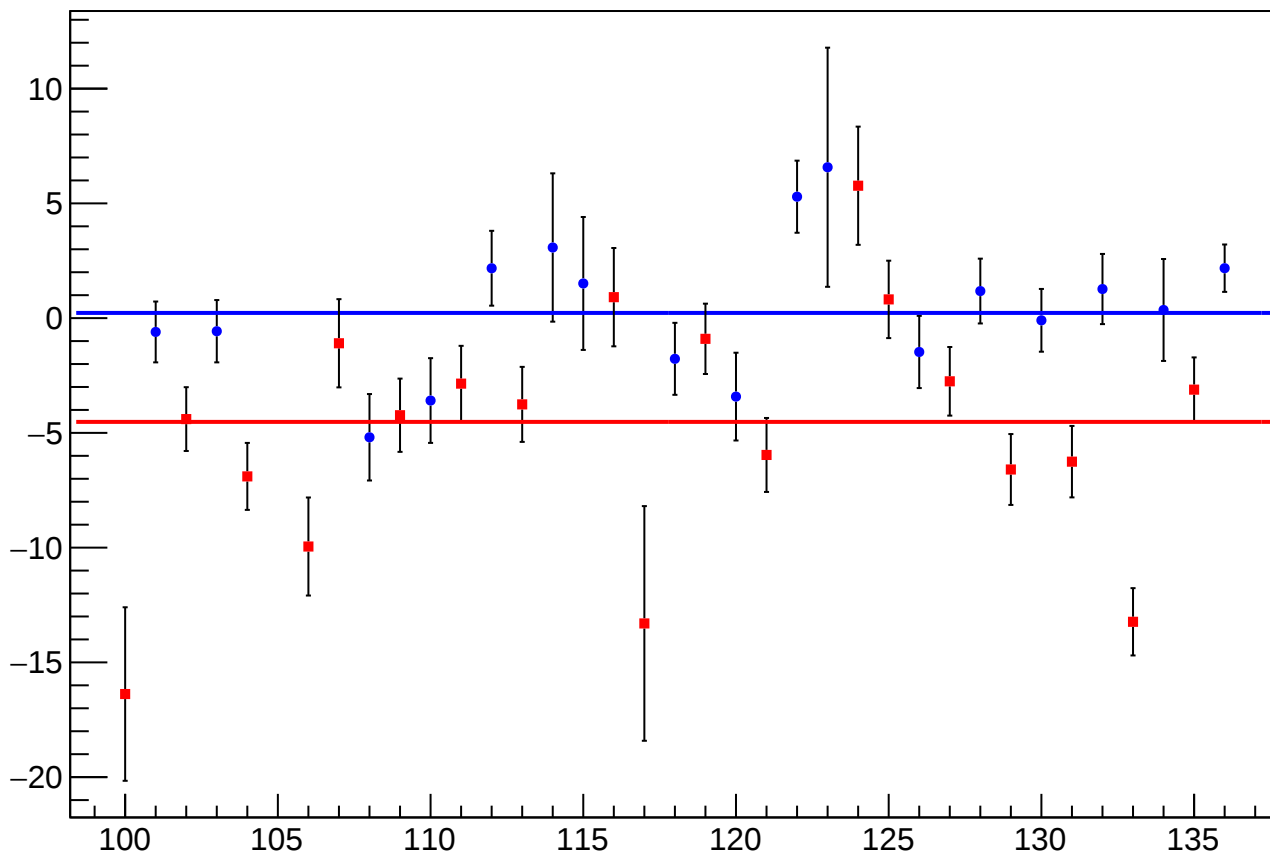
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

891.149+/-0.244 χ^2/NDF : 101659.1/16

897.538+/-0.172 χ^2/NDF : 215156.6/35

903.865+/-0.242 χ^2/NDF : 112128.4/18

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: 0.227+/-0.395 χ^2/NDF : 38.5/16

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

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

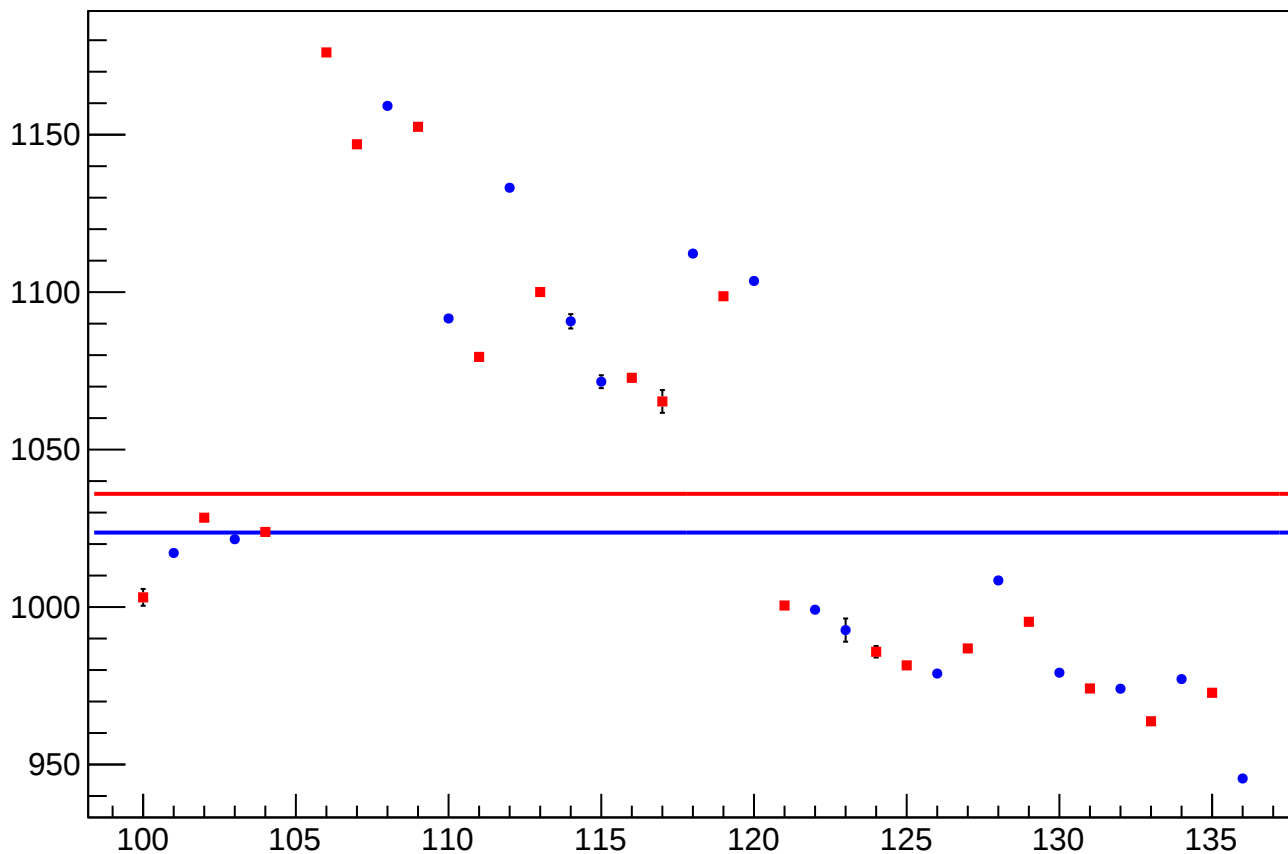
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.227+/-0.395 χ^2/NDF : 38.5/16

-2.164+/-0.278 χ^2/NDF : 217.2/35

-4.521+/-0.392 χ^2/NDF : 105.9/18

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1023.655+/-0.279 χ^2/NDF : 52373.8/16

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

Right Out: 1035.952+/-0.277 χ^2/NDF : 54186.6/18

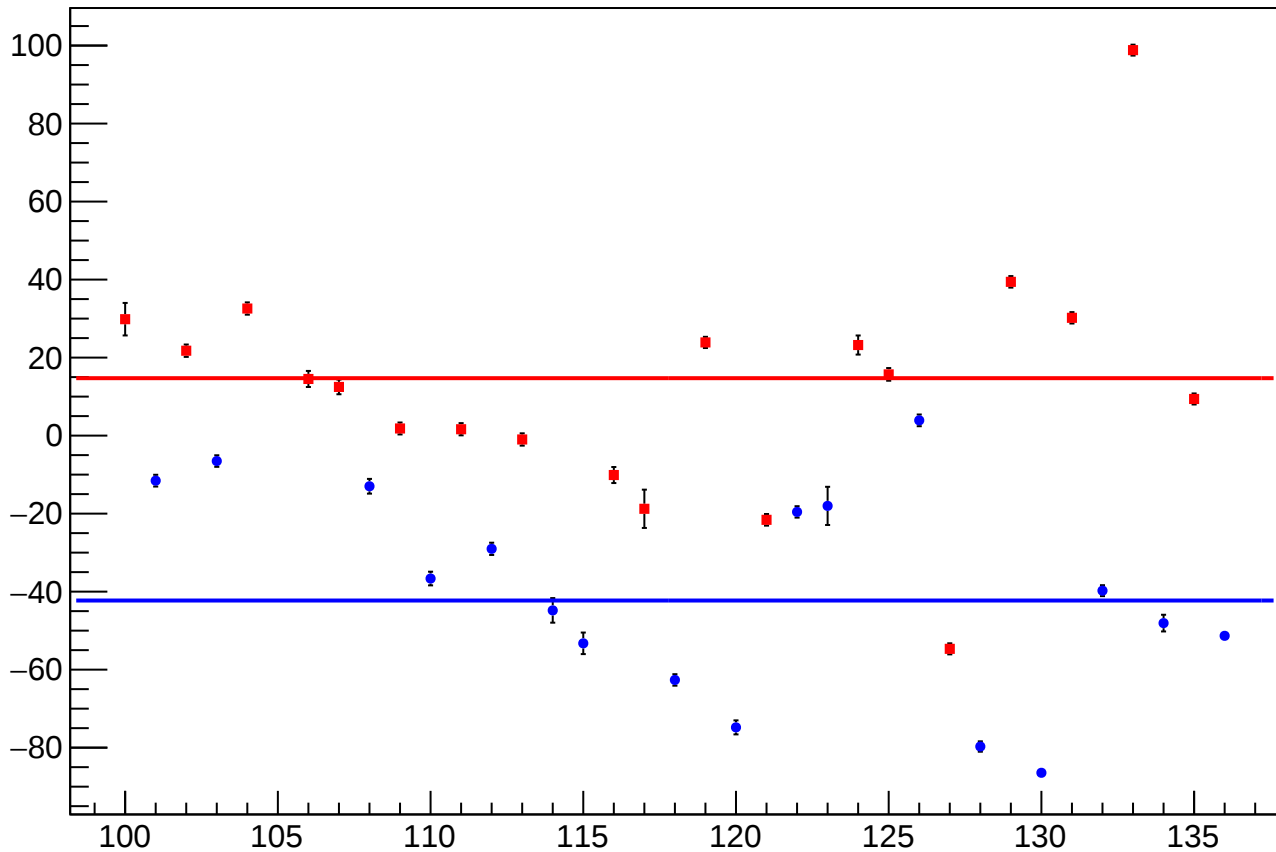
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1023.655+/-0.279 χ^2/NDF : 52373.8/16

1029.848+/-0.197 χ^2/NDF : 107536.8/35

1035.952+/-0.277 χ^2/NDF : 54186.6/18

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -42.278 ± 0.387 $\chi^2/\text{NDF}: 5126.8/16$

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

Right Out: 14.724 ± 0.383 $\chi^2/\text{NDF}: 7653.0/18$

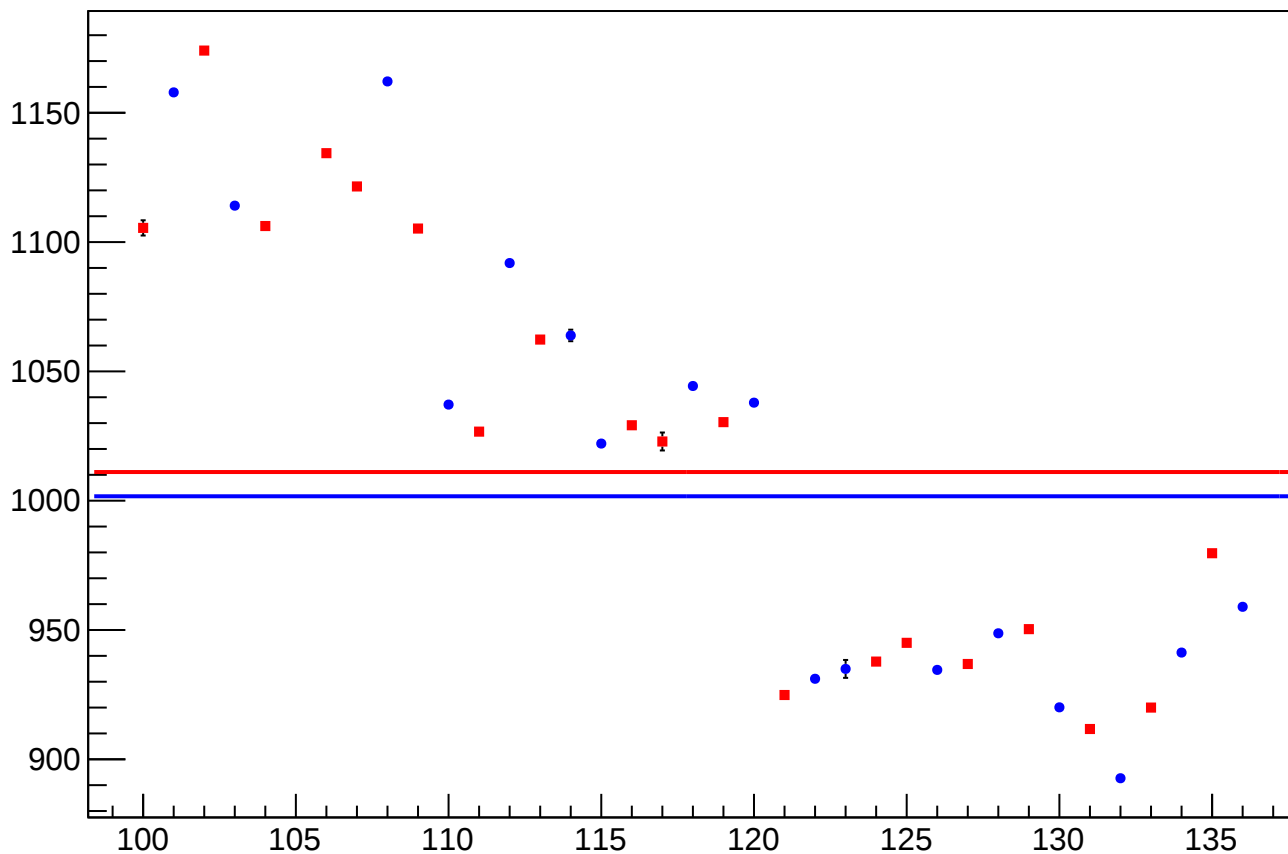
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-42.278 ± 0.387 $\chi^2/\text{NDF}: 5126.8/16$

-13.488 ± 0.272 $\chi^2/\text{NDF}: 23730.5/35$

14.724 ± 0.383 $\chi^2/\text{NDF}: 7653.0/18$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1001.706 $\pm$ 0.274 χ^2 /NDF: 95480.0/16

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

Right Out: 1011.083 $\pm$ 0.271 χ^2 /NDF: 93295.8/18

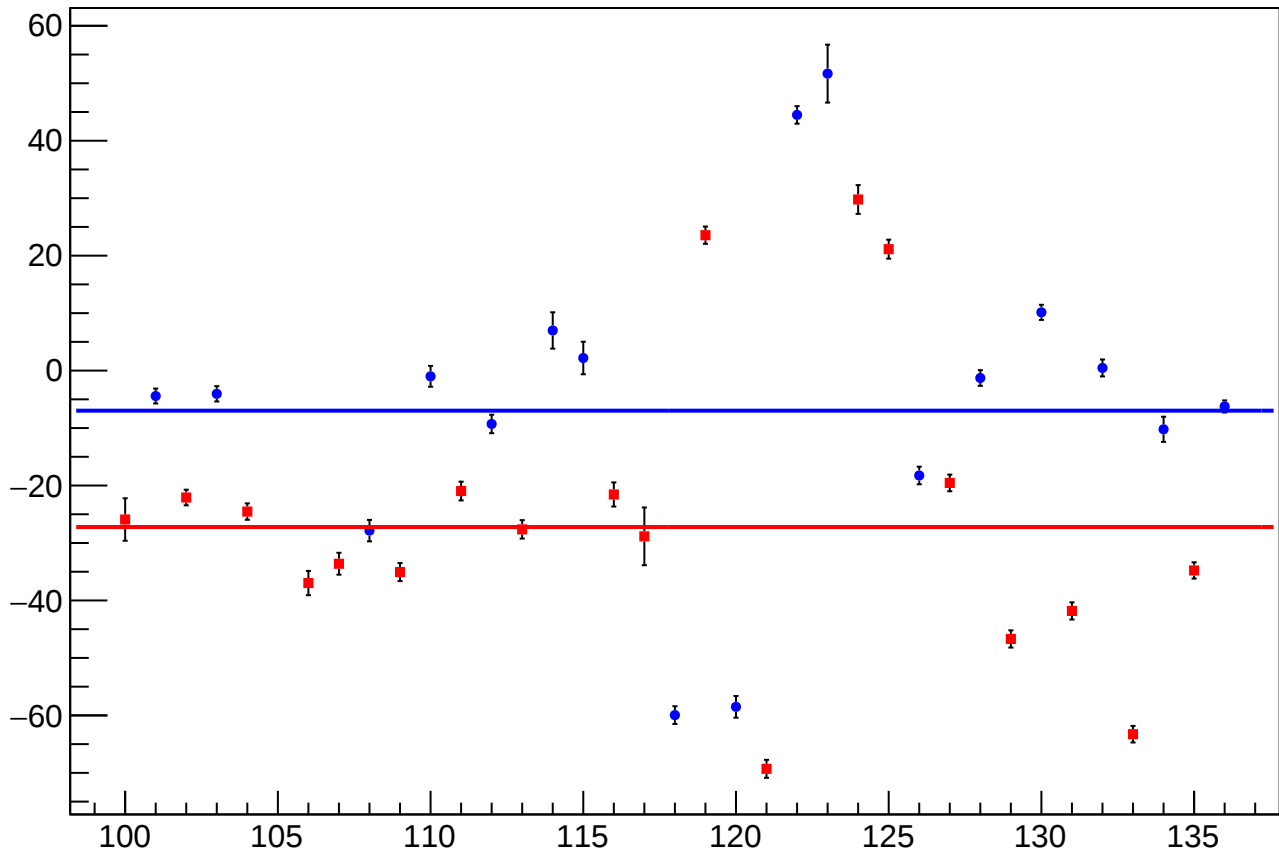
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1001.706 $\pm$ 0.274 χ^2 /NDF: 95480.0/16

1006.442 $\pm$ 0.193 χ^2 /NDF: 189368.4/35

1011.083 $\pm$ 0.271 χ^2 /NDF: 93295.8/18

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -6.974+/-0.388 χ^2/NDF : 3636.9/16

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

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

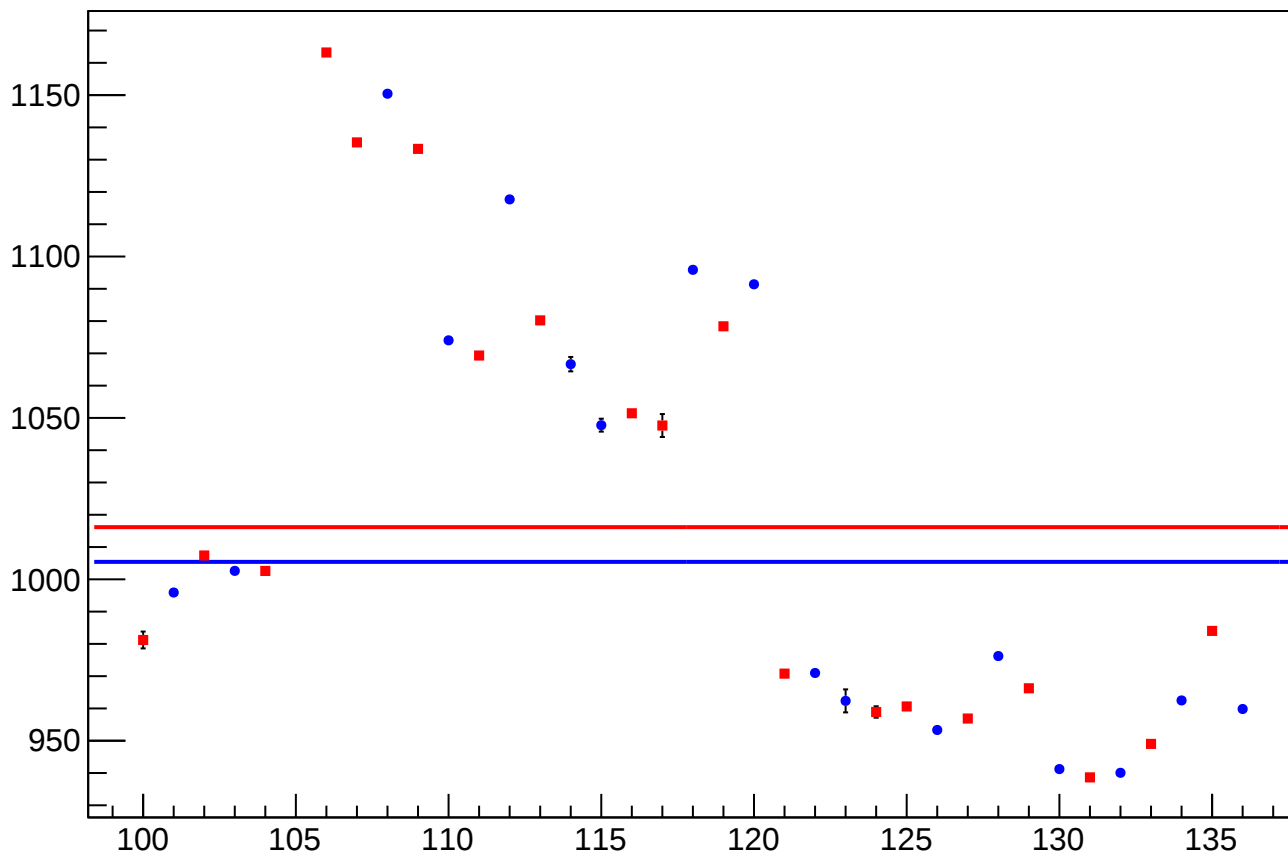
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.974+/-0.388 χ^2/NDF : 3636.9/16

-17.183+/-0.273 χ^2/NDF : 9291.8/35

-27.219+/-0.385 χ^2/NDF : 4281.8/18

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1005.409+/-0.274 χ^2/NDF : 54586.0/16

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

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

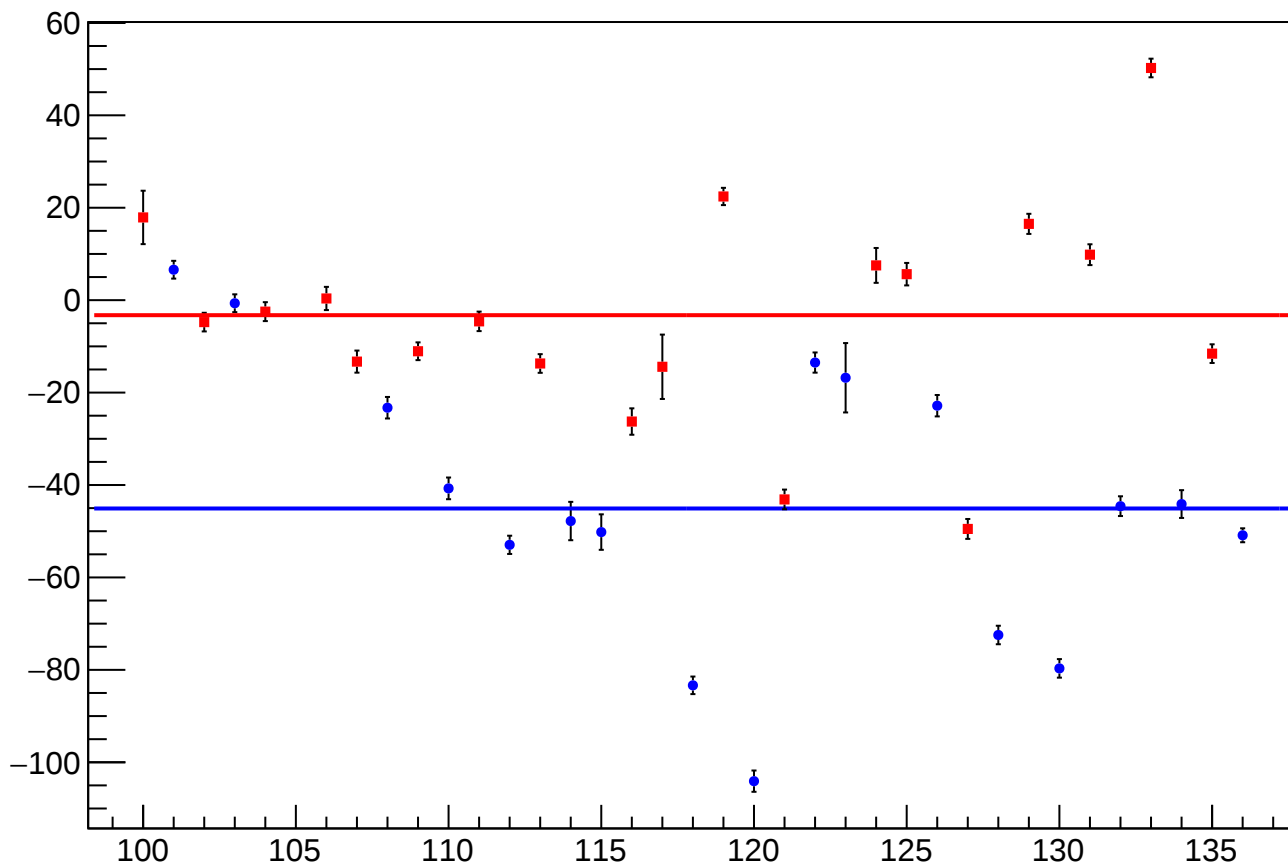
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1005.409+/-0.274 χ^2/NDF : 54586.0/16

1010.832+/-0.193 χ^2/NDF : 115128.7/35

1016.162+/-0.272 χ^2/NDF : 59767.9/18

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -45.081+/-0.540 χ^2/NDF : 3238.1/16

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

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

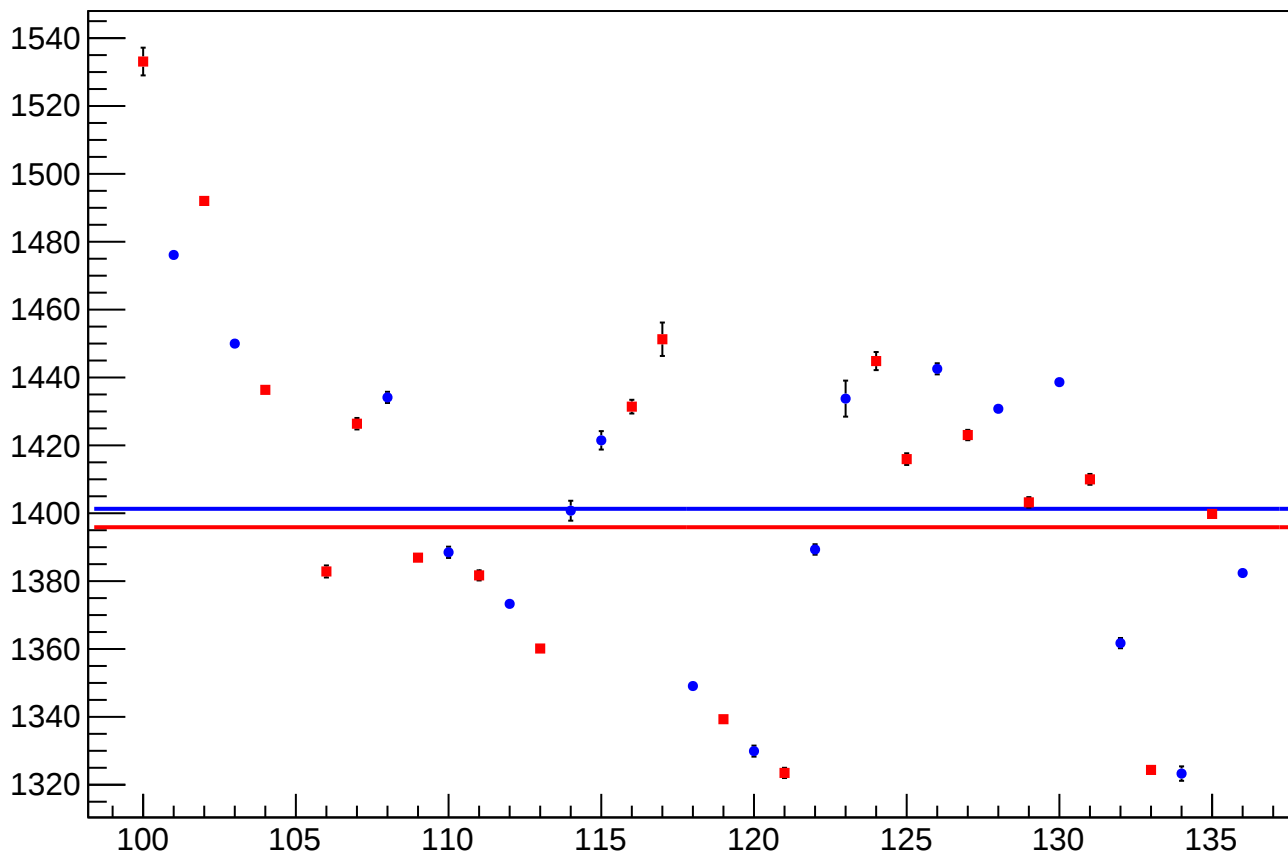
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-45.081+/-0.540 χ^2/NDF : 3238.1/16

-23.688+/-0.377 χ^2/NDF : 8314.8/35

-3.250+/-0.528 χ^2/NDF : 2004.4/18

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1401.307+/-0.382 χ^2/NDF : 12852.1/16

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

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

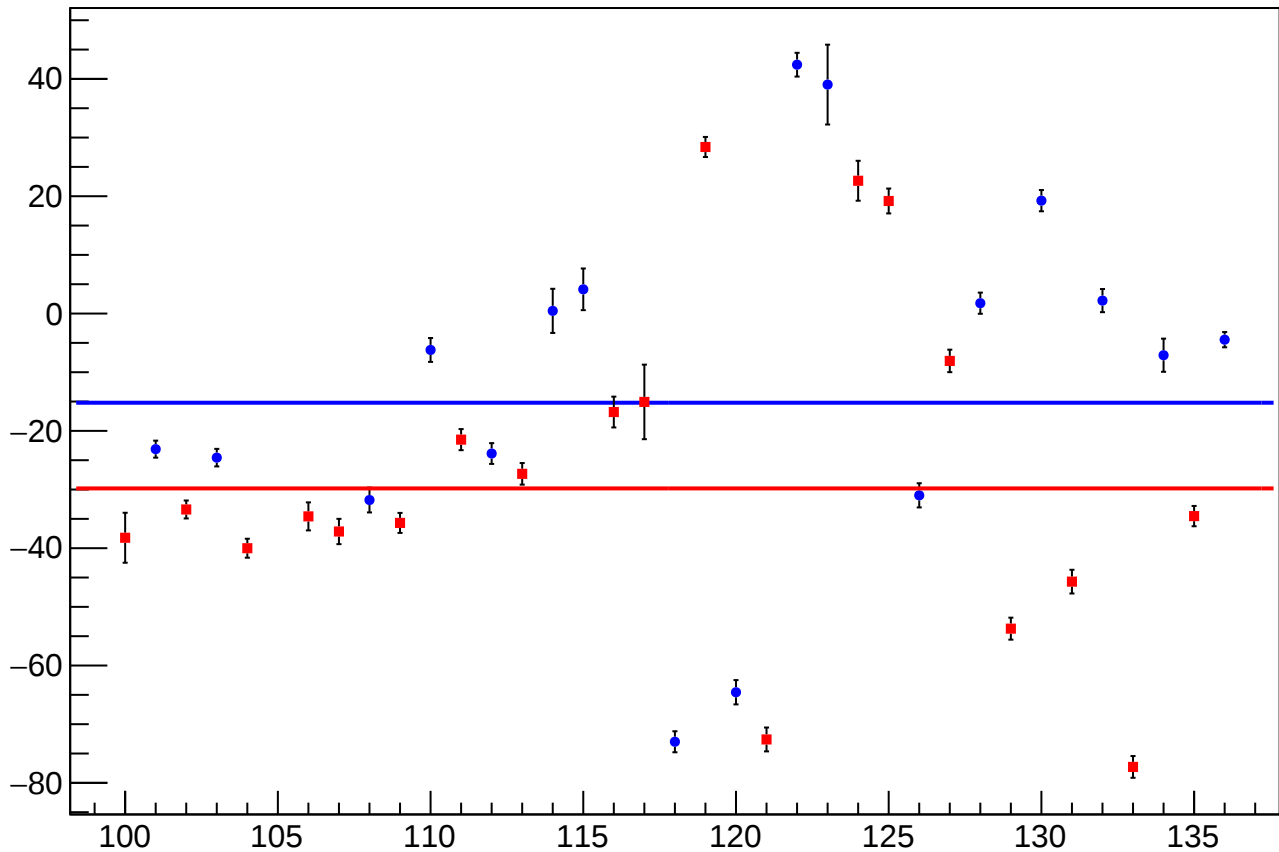
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1401.307+/-0.382 χ^2/NDF : 12852.1/16

1398.533+/-0.267 χ^2/NDF : 28547.2/35

1395.883+/-0.373 χ^2/NDF : 15591.8/18

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -15.202 $\pm$ 0.472 χ^2 /NDF: 3362.5/16

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

Right Out: -29.811 $\pm$ 0.462 χ^2 /NDF: 3514.6/18

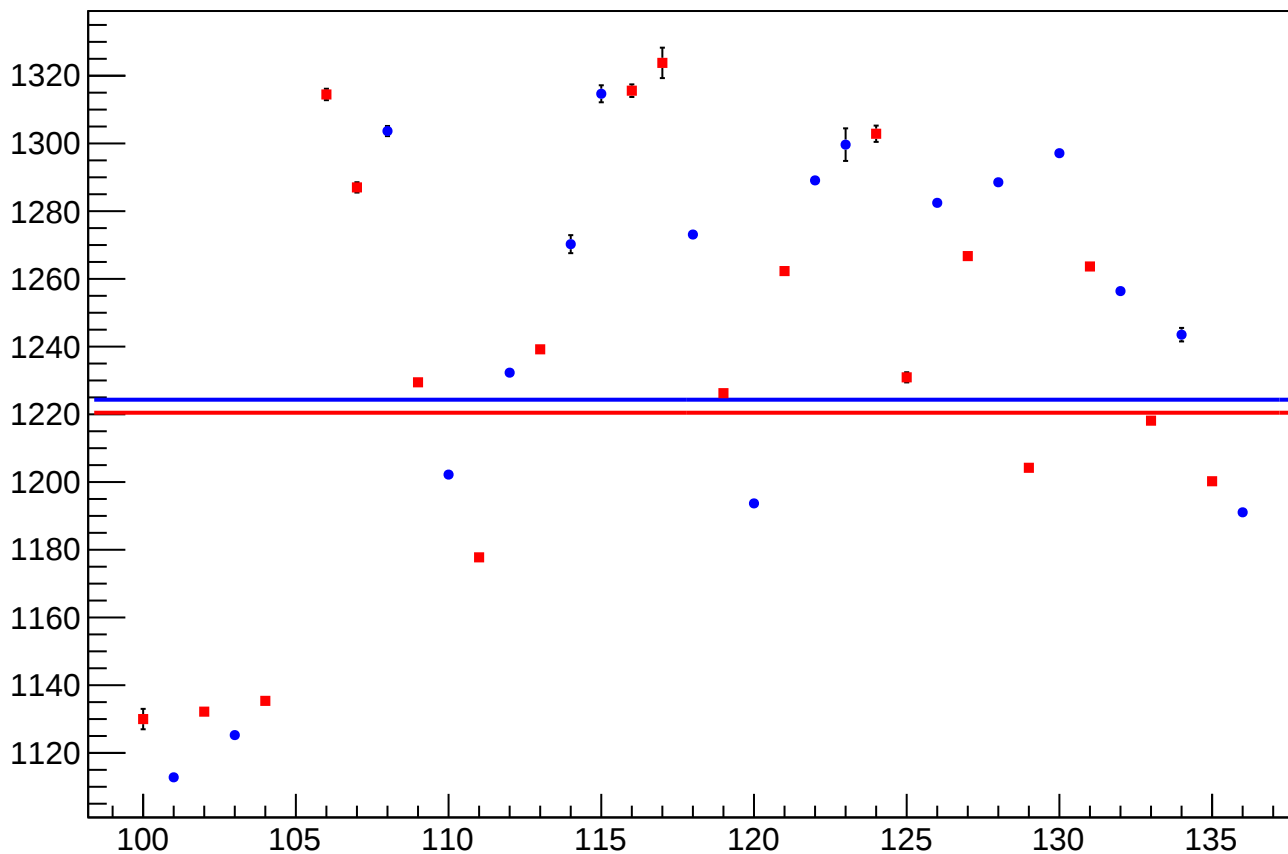
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.202 $\pm$ 0.472 χ^2 /NDF: 3362.5/16

-22.668 $\pm$ 0.330 χ^2 /NDF: 7366.5/35

-29.811 $\pm$ 0.462 χ^2 /NDF: 3514.6/18

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1224.320+/-0.334 χ^2/NDF : 38778.2/16

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

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

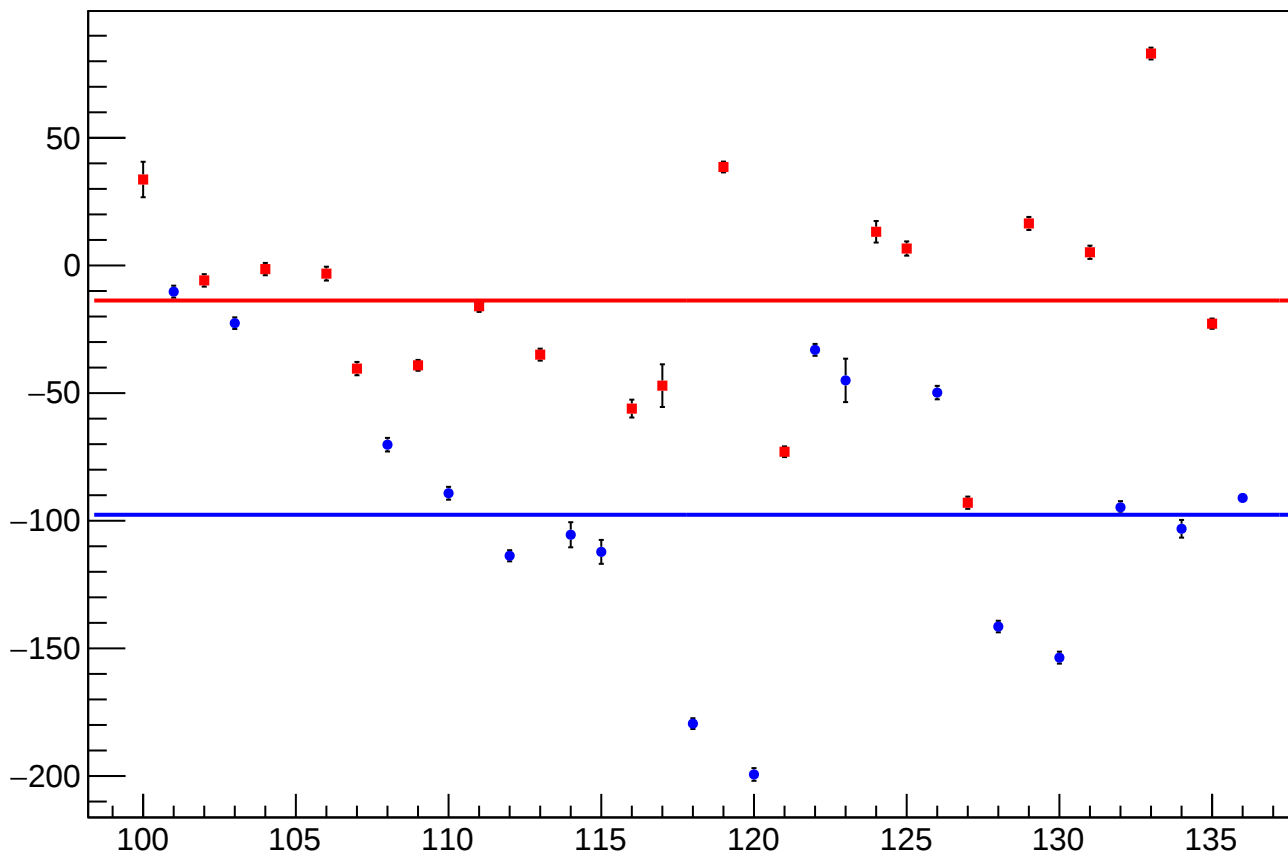
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1224.320+/-0.334 χ^2/NDF : 38778.2/16

1222.352+/-0.233 χ^2/NDF : 66082.0/35

1220.470+/-0.327 χ^2/NDF : 27235.8/18

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -97.657 ± 0.601 χ^2/NDF : 7936.6/16

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

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

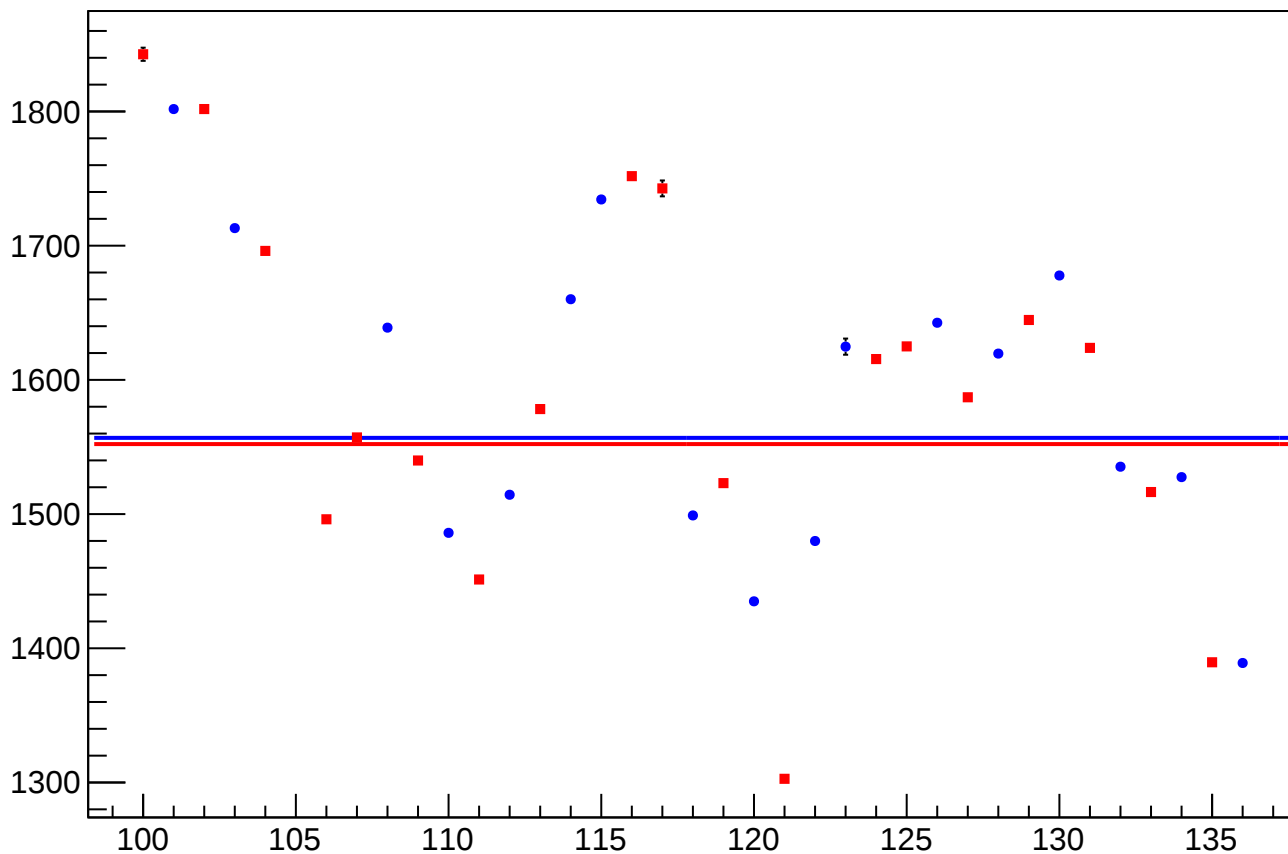
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-97.657 ± 0.601 χ^2/NDF : 7936.6/16

-54.777 ± 0.421 χ^2/NDF : 23034.0/35

-13.728 ± 0.588 χ^2/NDF : 5144.1/18

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1556.799 ± 0.425 χ^2/NDF : 81549.2/16

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

Right Out: 1552.162 ± 0.416 χ^2/NDF : 93081.4/18

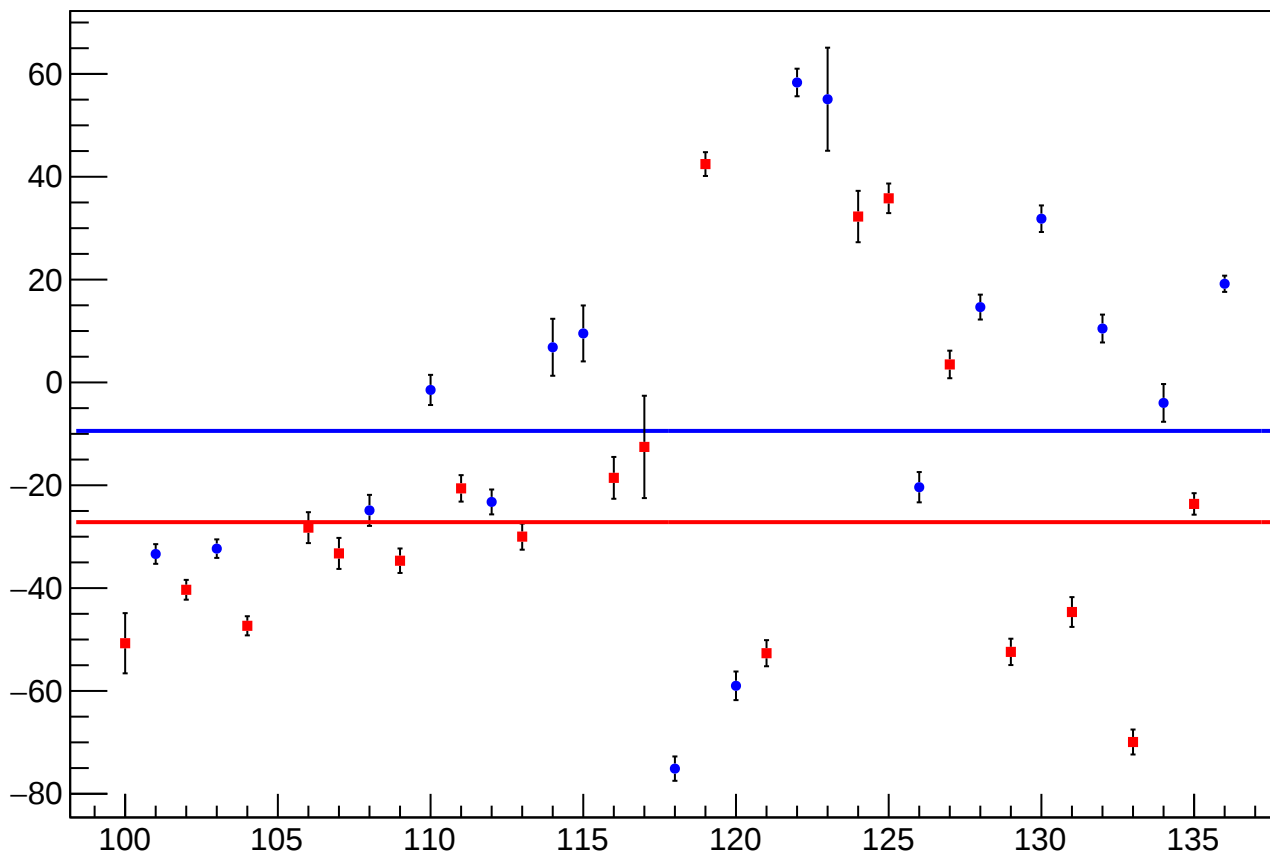
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1556.799 ± 0.425 χ^2/NDF : 81549.2/16

1554.430 ± 0.297 χ^2/NDF : 174691.3/35

1552.162 ± 0.416 χ^2/NDF : 93081.4/18

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -9.427+/-0.626 χ^2/NDF : 2924.1/16

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

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

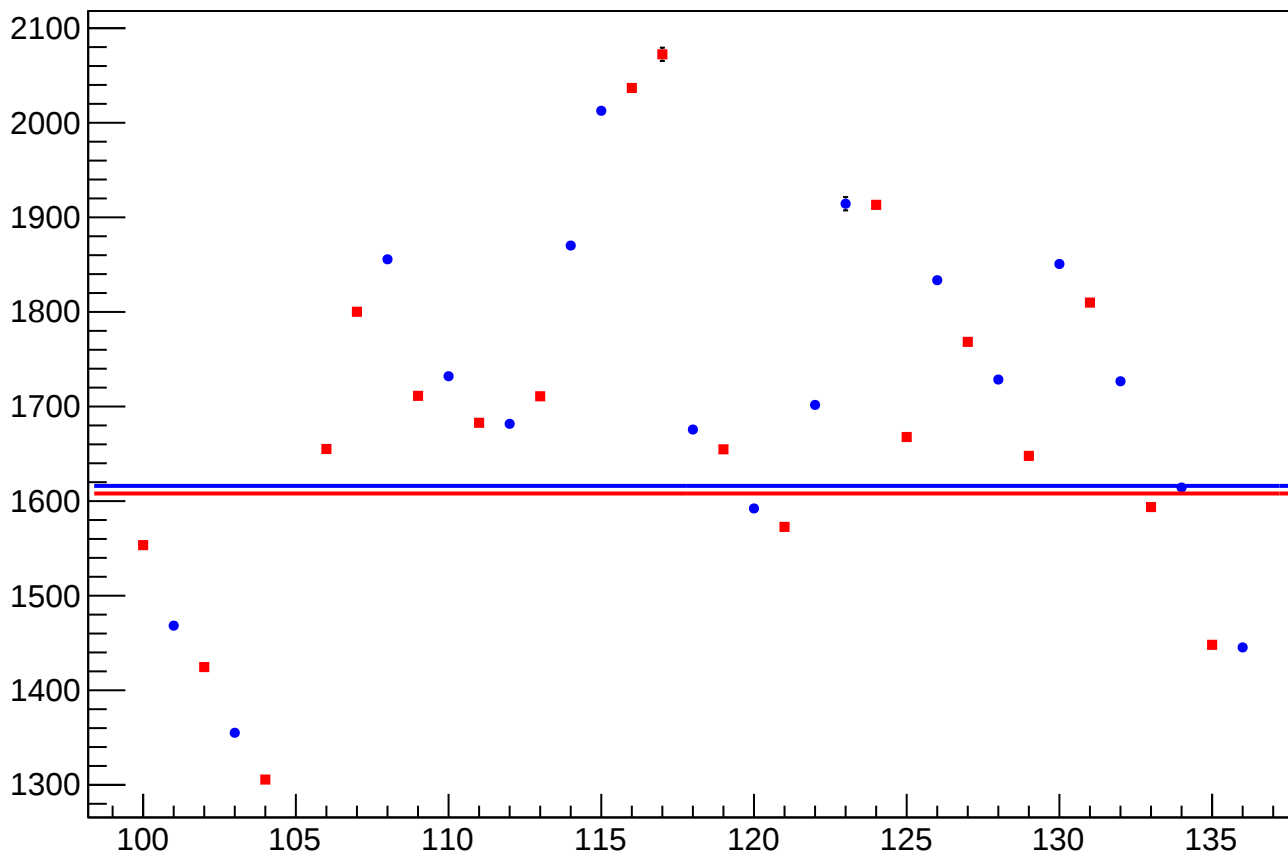
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.427+/-0.626 χ^2/NDF : 2924.1/16

-18.510+/-0.438 χ^2/NDF : 5747.1/35

-27.171+/-0.612 χ^2/NDF : 2412.3/18

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1616.094 $\pm$ 0.443 χ^2 /NDF: 149596.3/16

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

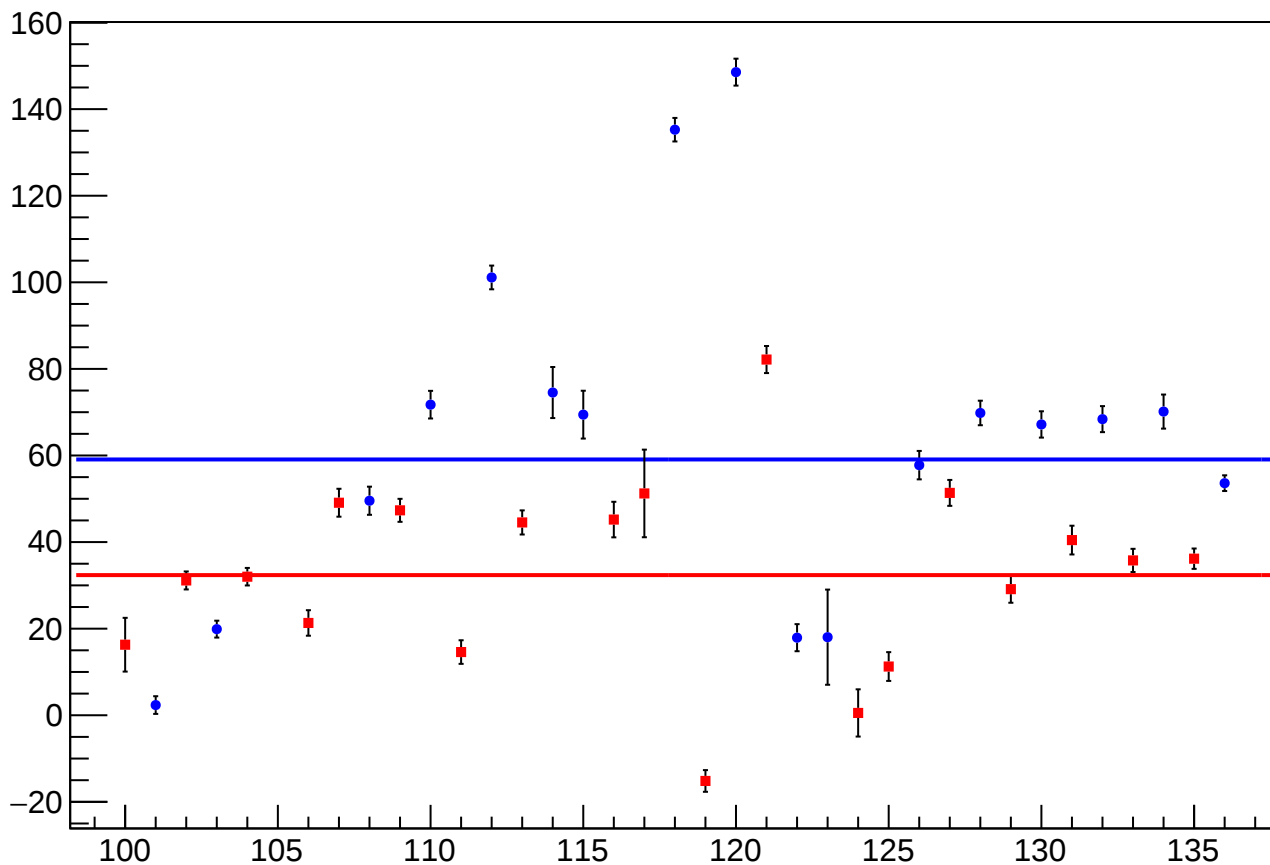
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1616.094 $\pm$ 0.443 χ^2 /NDF: 149596.3/16

1611.981 $\pm$ 0.309 χ^2 /NDF: 303449.3/35

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.081+/-0.699 χ^2/NDF : 3293.6/16

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

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

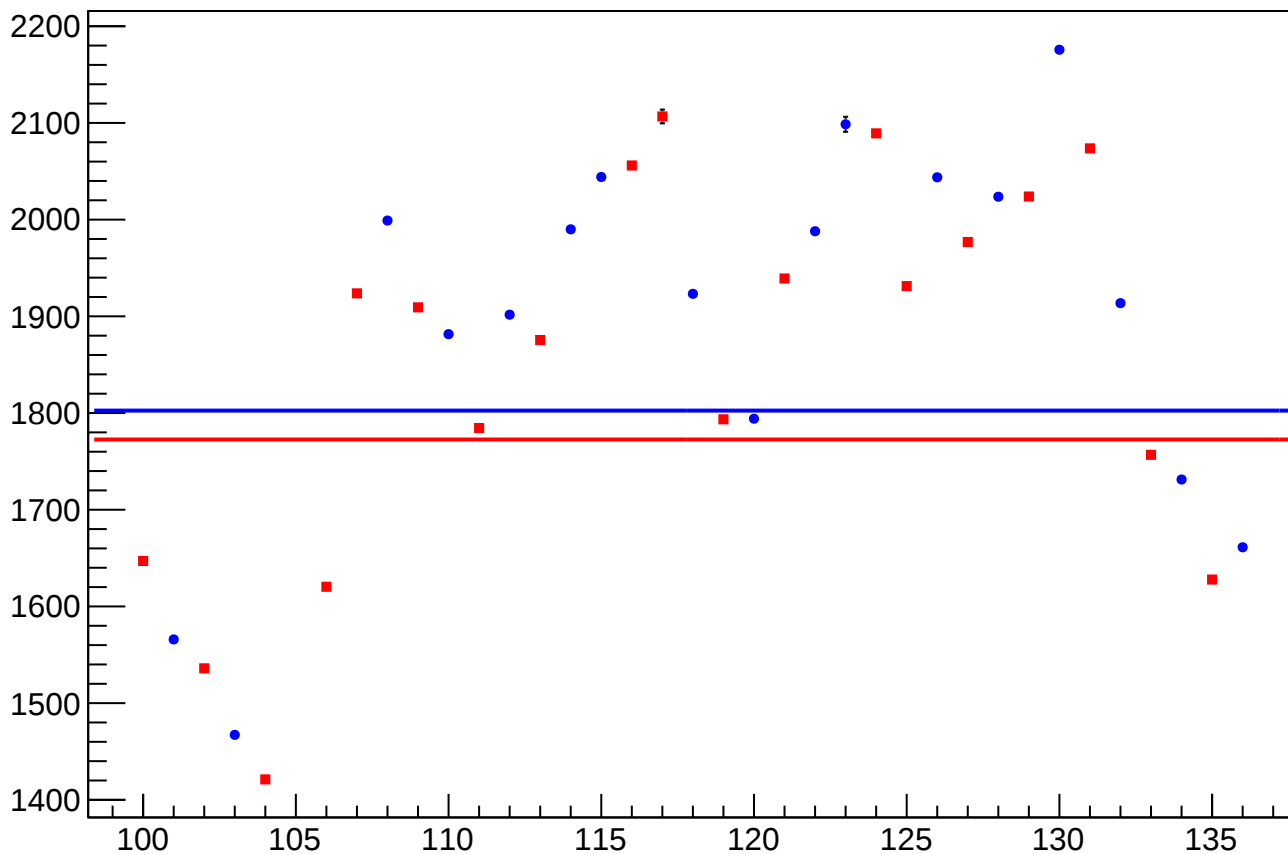
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.081+/-0.699 χ^2/NDF : 3293.6/16

45.243+/-0.486 χ^2/NDF : 4943.4/35

32.371+/-0.675 χ^2/NDF : 894.2/18

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1802.524+/-0.495 χ^2/NDF : 184069.0/16

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

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

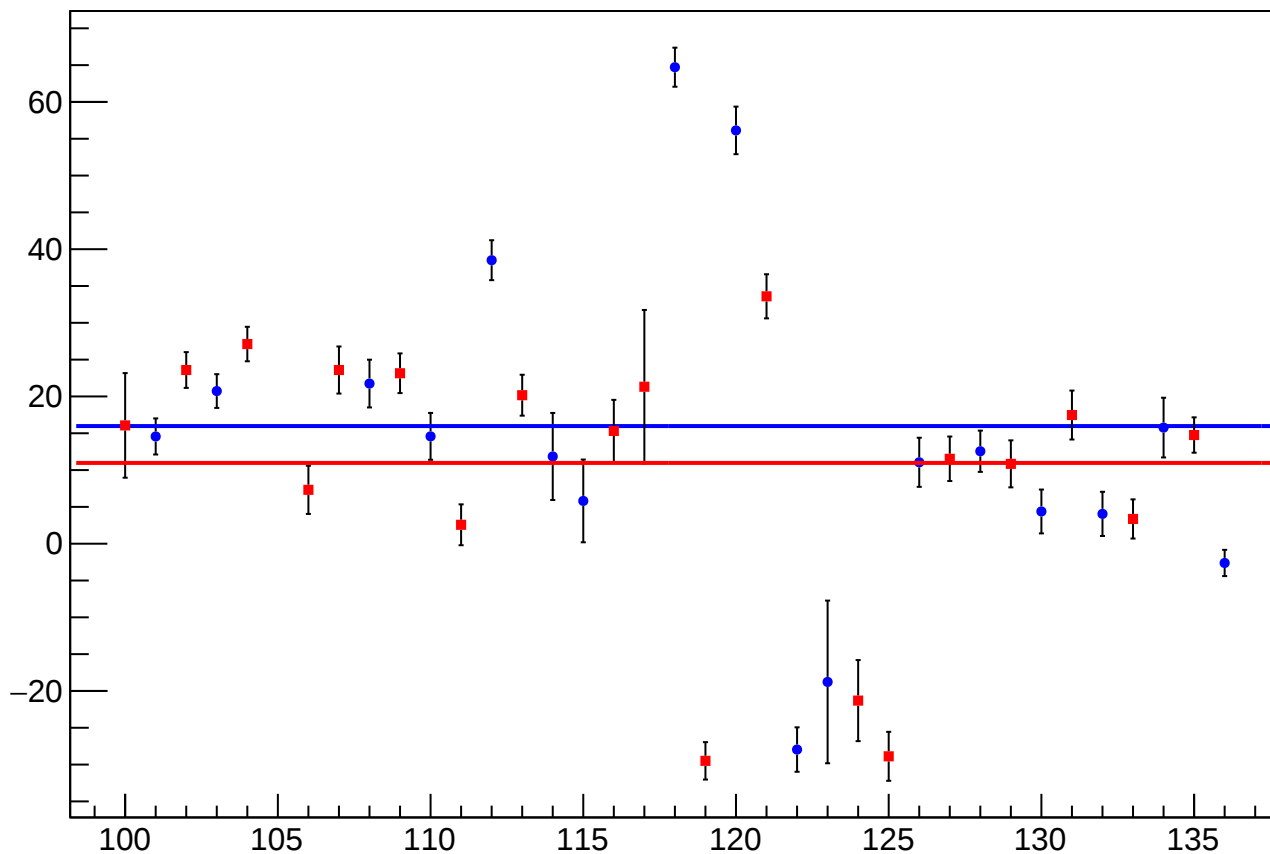
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1802.524+/-0.495 χ^2/NDF : 184069.0/16

1787.028+/-0.343 χ^2/NDF : 365764.9/35

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

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 15.976+/-0.722 χ^2/NDF : 938.4/16

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

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

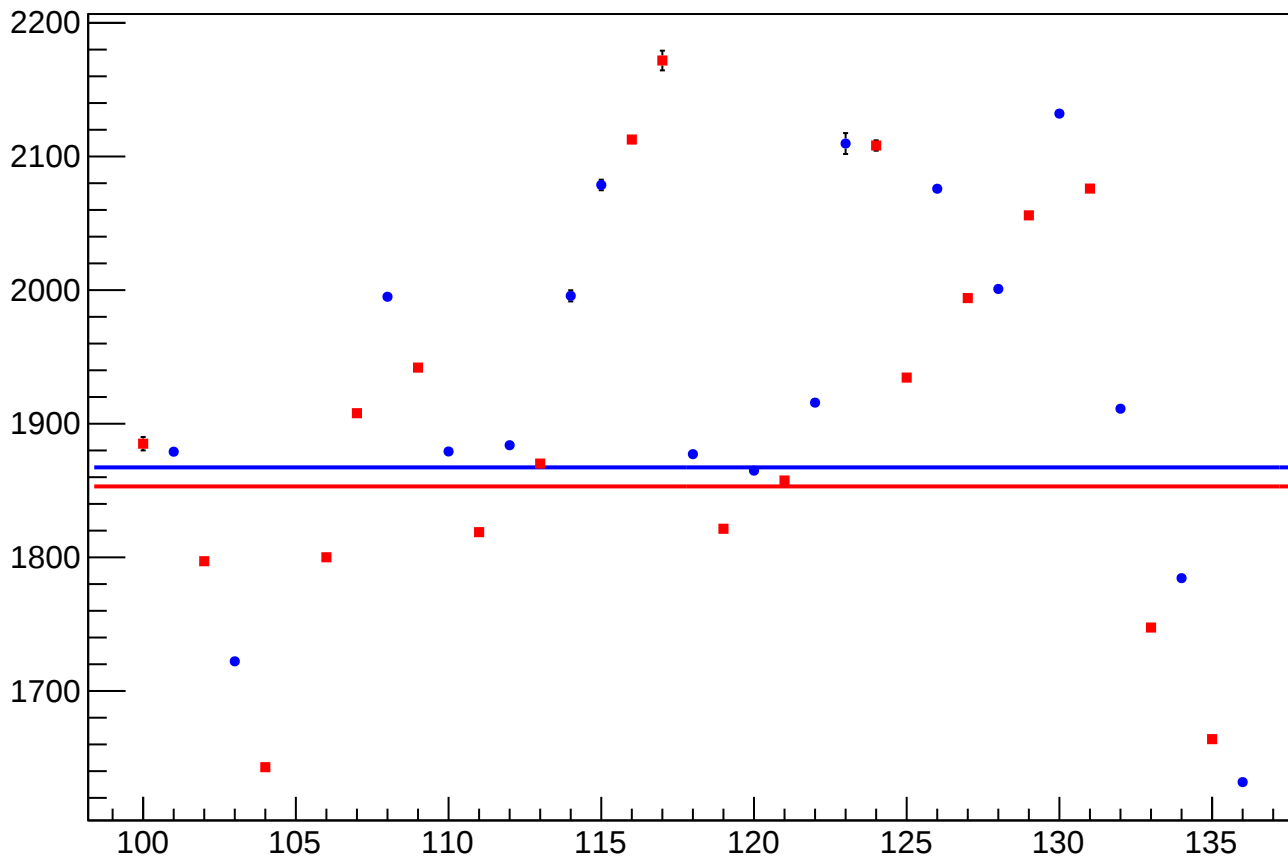
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.976+/-0.722 χ^2/NDF : 938.4/16

13.406+/-0.503 χ^2/NDF : 1600.6/35

10.971+/-0.702 χ^2/NDF : 637.5/18

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1867.343+/-0.510 χ^2/NDF : 80926.4/16

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

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

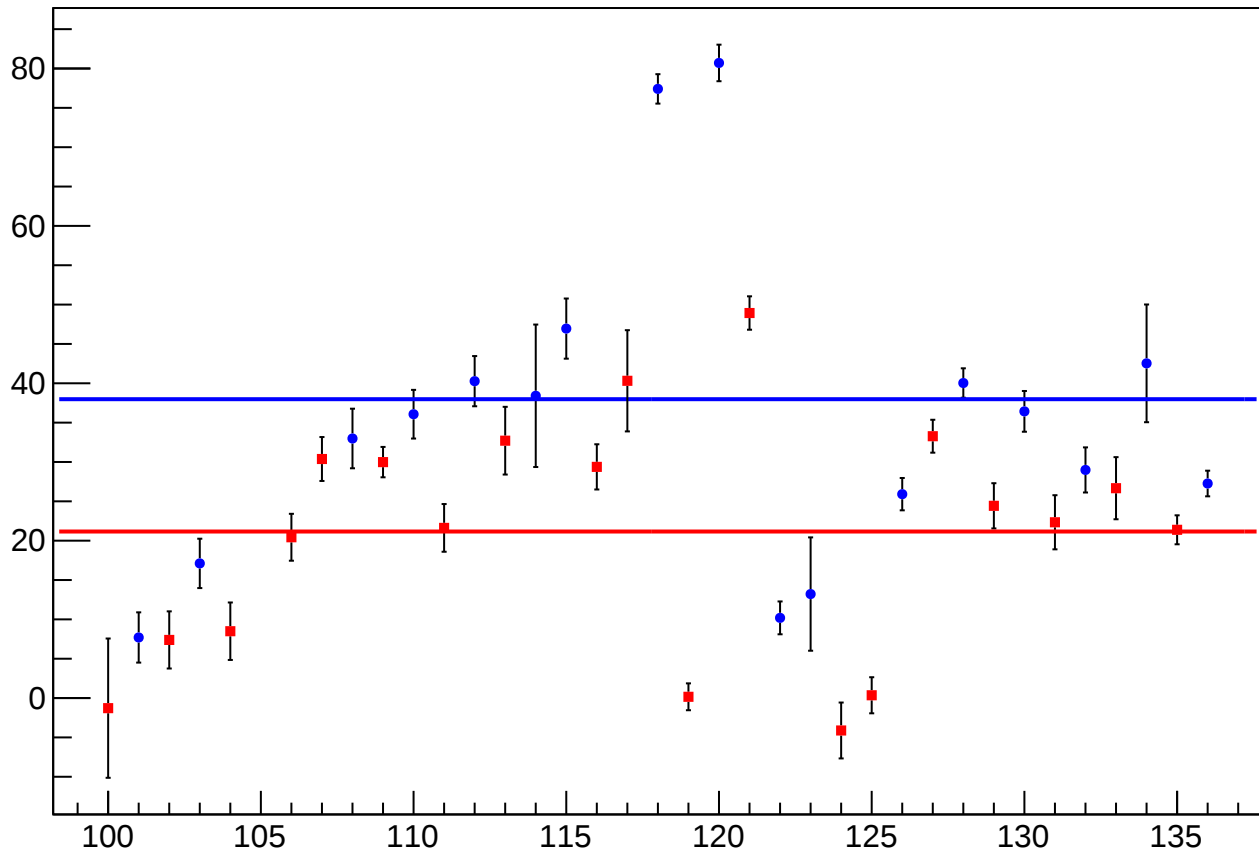
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1867.343+/-0.510 χ^2/NDF : 80926.4/16

1860.016+/-0.356 χ^2/NDF : 154429.6/35

1853.078+/-0.497 χ^2/NDF : 73101.8/18

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 37.979 $\pm$ 0.637 χ^2 /NDF: 1204.3/16

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

Right Out: 21.164 $\pm$ 0.619 χ^2 /NDF: 581.4/18

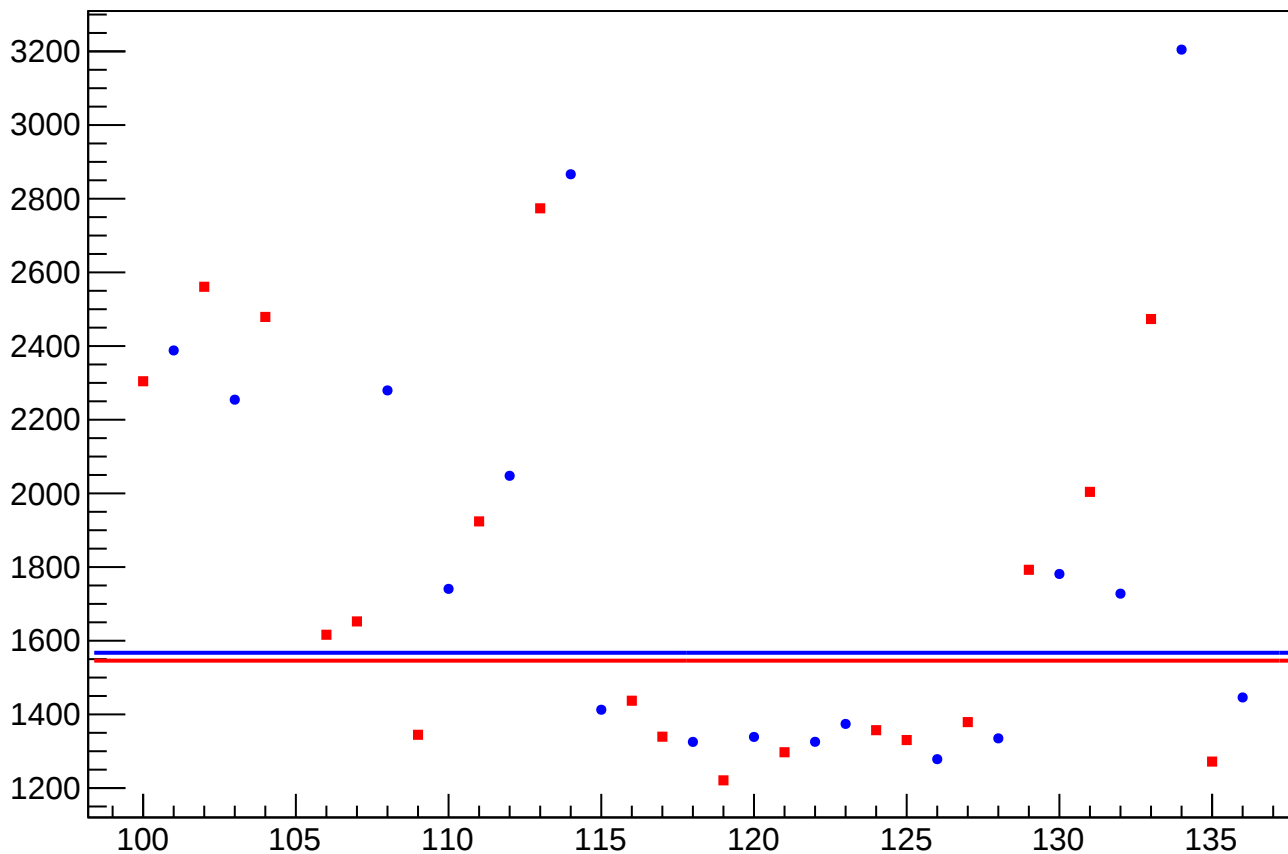
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

37.979 $\pm$ 0.637 χ^2 /NDF: 1204.3/16

29.326 $\pm$ 0.444 χ^2 /NDF: 2143.9/35

21.164 $\pm$ 0.619 χ^2 /NDF: 581.4/18

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1567.328+/-0.451 χ^2/NDF : 673450.6/16

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

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

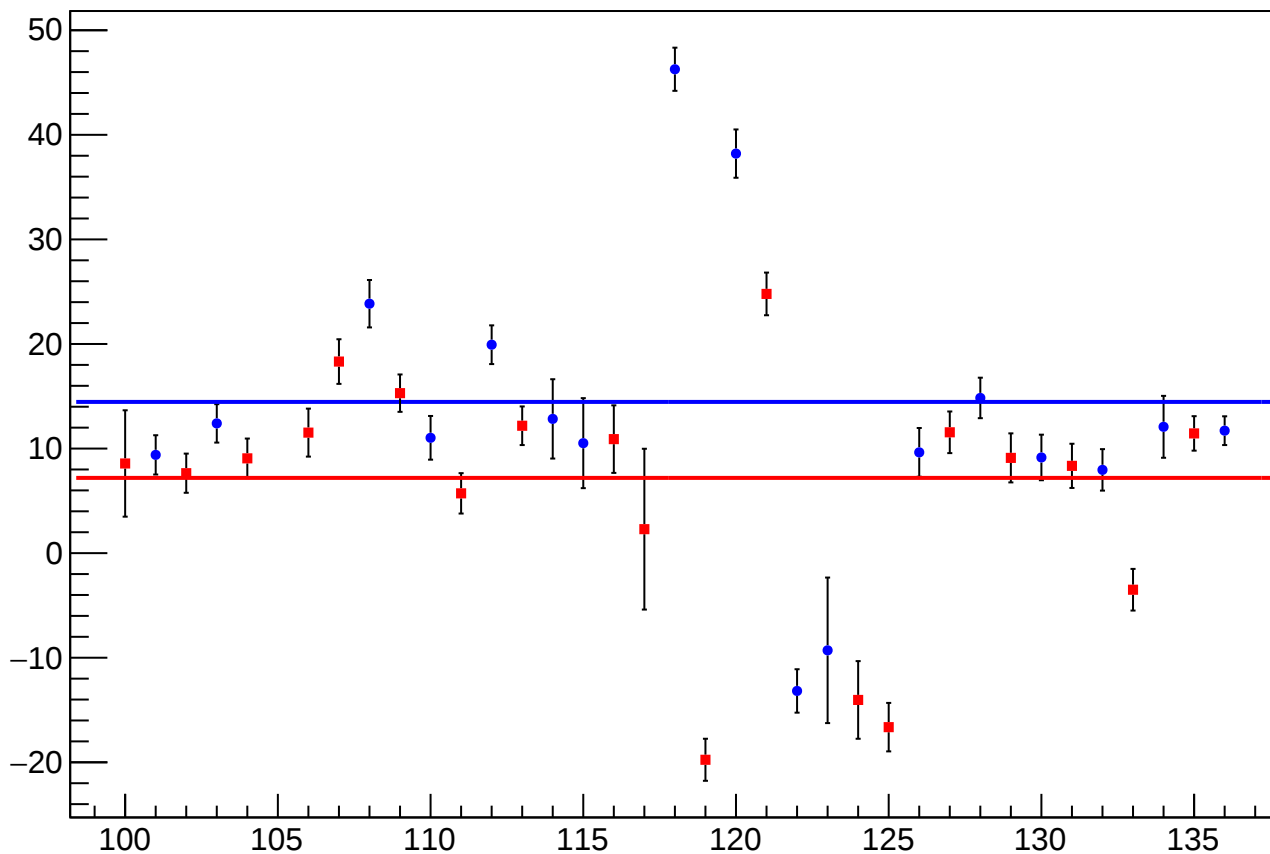
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1567.328+/-0.451 χ^2/NDF : 673450.6/16

1556.318+/-0.314 χ^2/NDF : 1541845.9/35

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.461+/-0.523 χ^2/NDF : 595.9/16

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

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

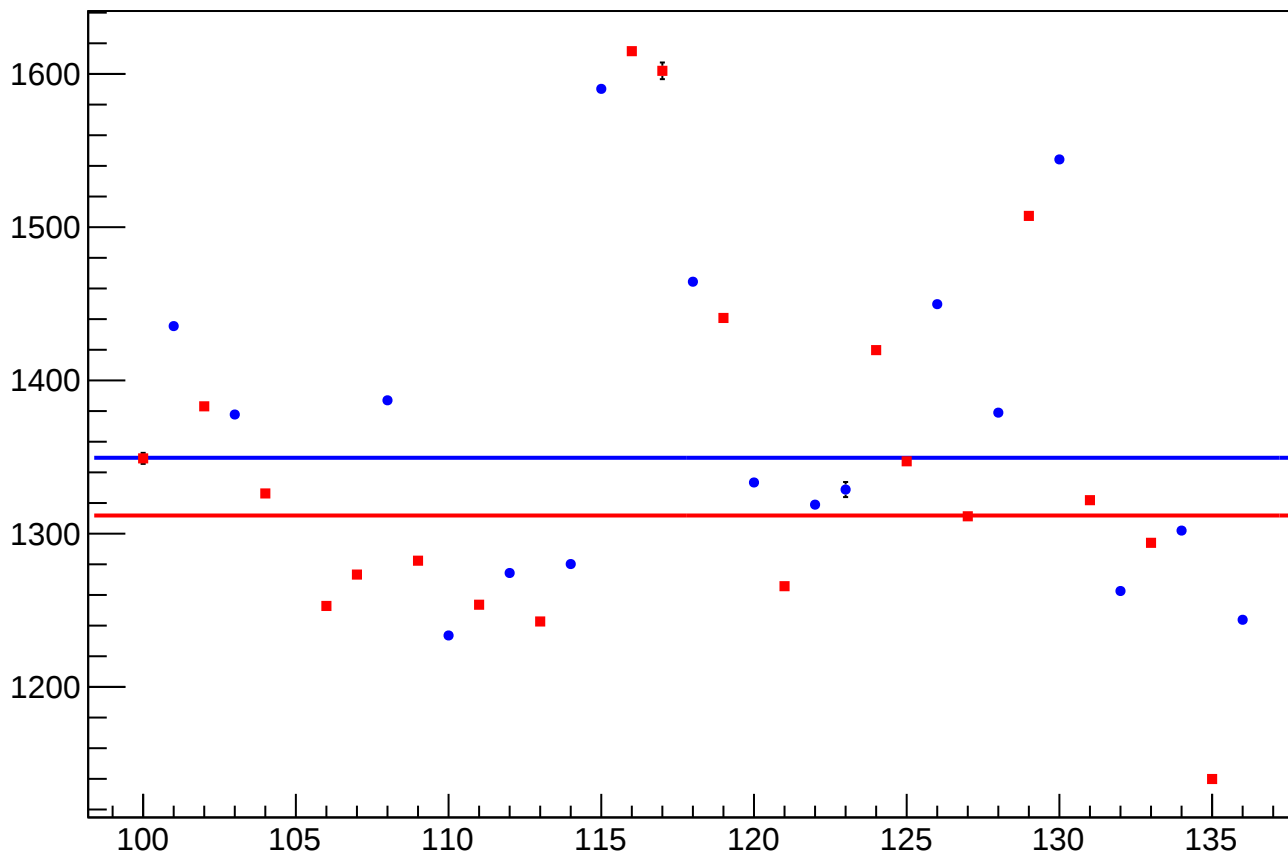
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.461+/-0.523 χ^2/NDF : 595.9/16

10.652+/-0.361 χ^2/NDF : 1192.8/35

7.196+/-0.498 χ^2/NDF : 495.8/18

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1349.522+/-0.370 χ^2/NDF : 64667.6/16

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

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

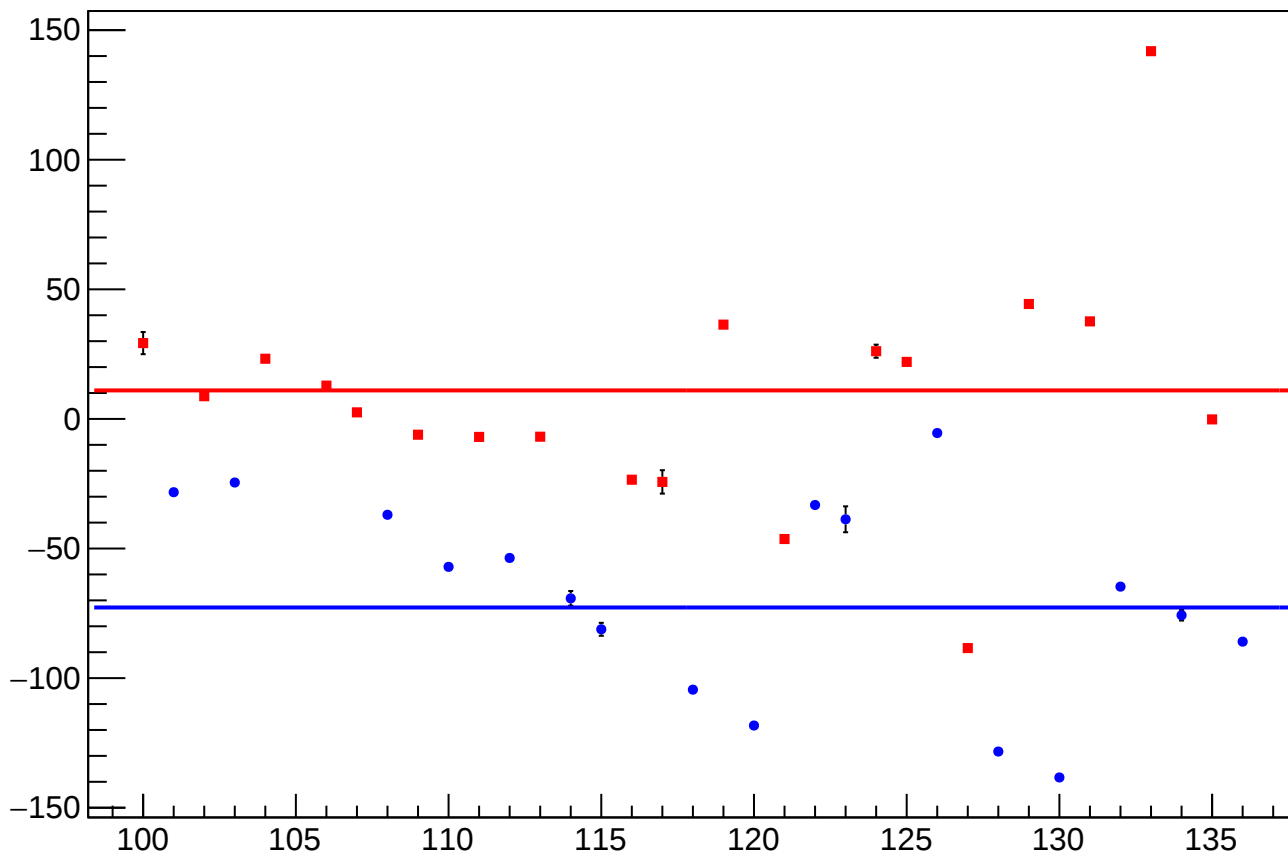
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1349.522+/-0.370 χ^2/NDF : 64667.6/16

1329.775+/-0.255 χ^2/NDF : 148095.0/35

1311.852+/-0.352 χ^2/NDF : 77992.7/18

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -72.741 ± 0.362 χ^2/NDF : 11690.4/16

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

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

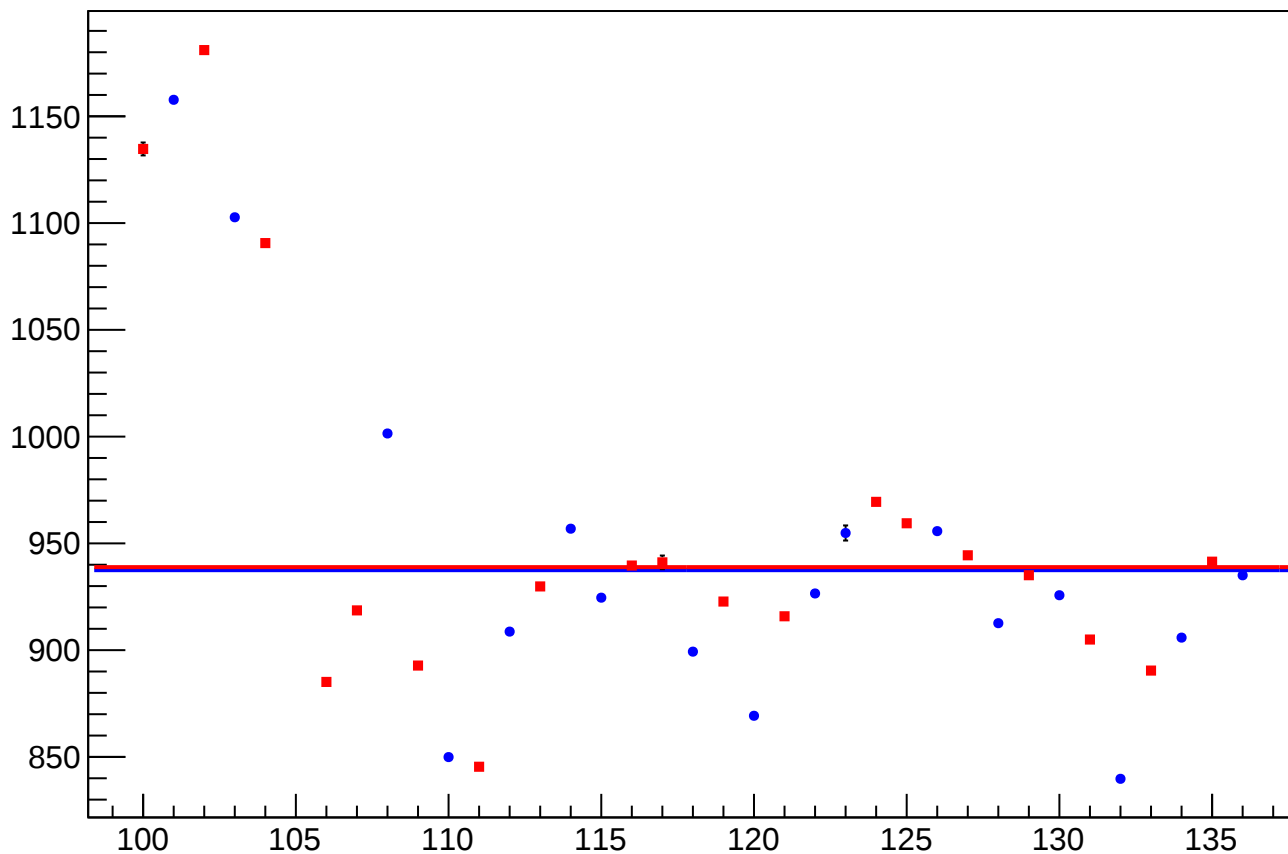
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-72.741 ± 0.362 χ^2/NDF : 11690.4/16

-30.116 ± 0.254 χ^2/NDF : 57016.9/35

11.002 ± 0.356 χ^2/NDF : 18140.6/18

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.454+/-0.256 χ^2/NDF : 98307.6/16

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

Right Out: 938.877+/-0.252 χ^2/NDF : 90207.7/18

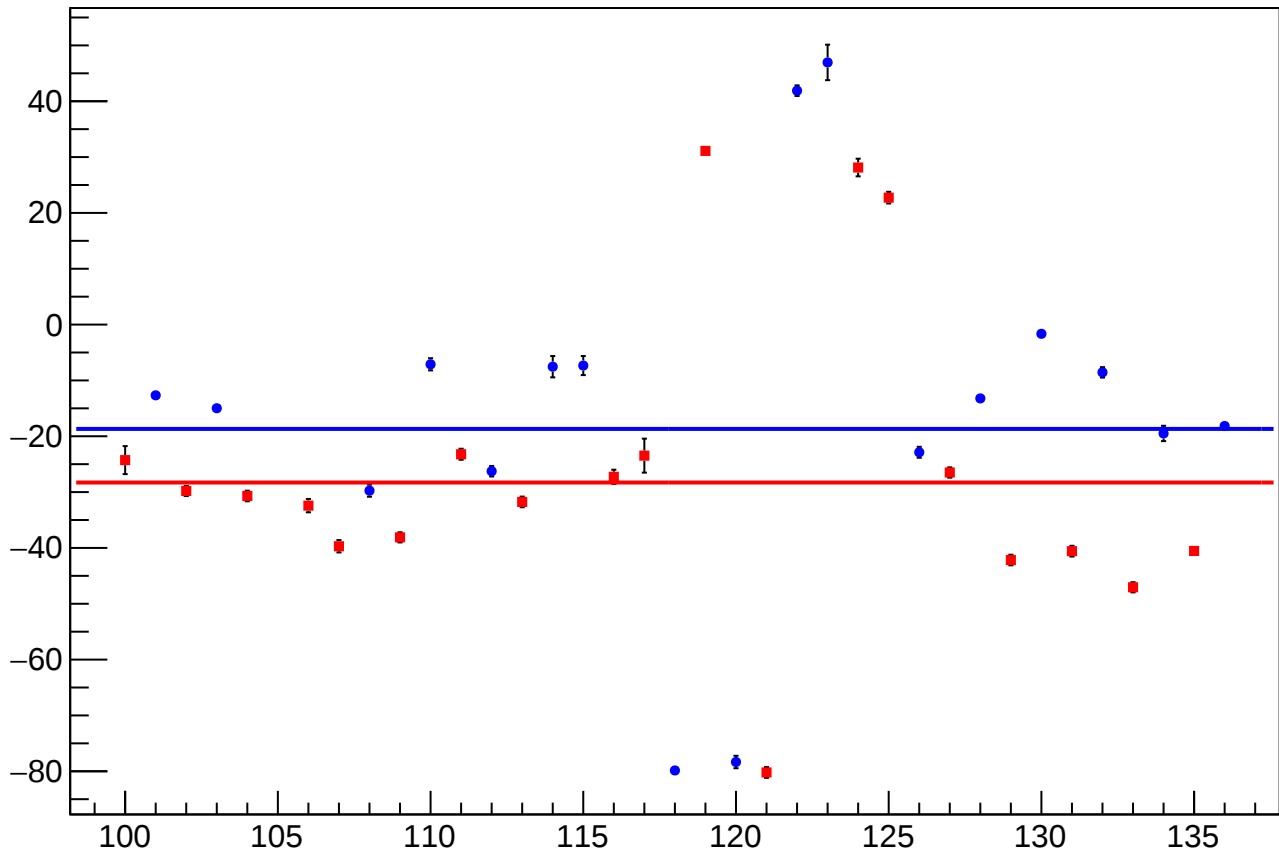
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.454+/-0.256 χ^2/NDF : 98307.6/16

938.178+/-0.180 χ^2/NDF : 188531.0/35

938.877+/-0.252 χ^2/NDF : 90207.7/18

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -18.683 ± 0.243 χ^2/NDF : 13006.2/16

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

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

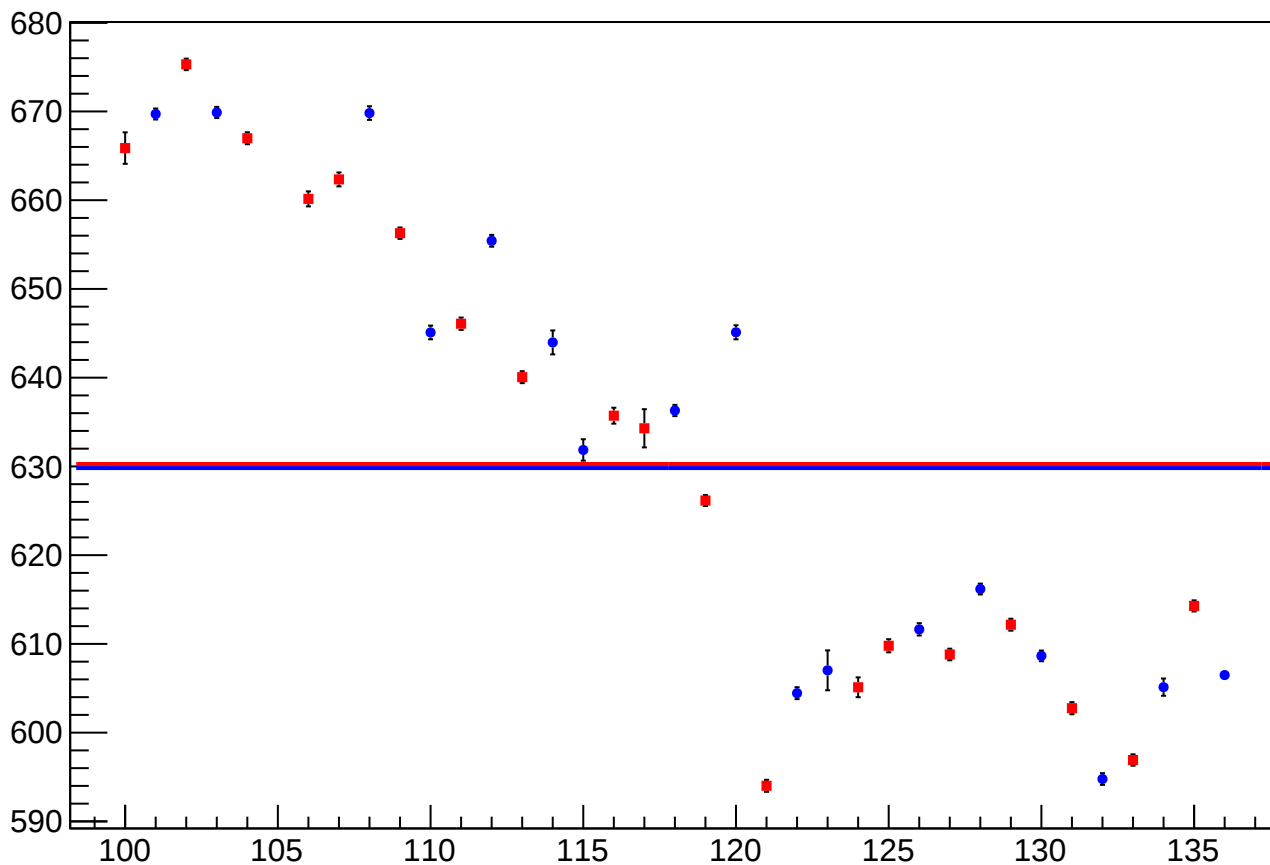
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.683 ± 0.243 χ^2/NDF : 13006.2/16

-23.572 ± 0.170 χ^2/NDF : 26313.4/35

-28.285 ± 0.238 χ^2/NDF : 12510.0/18

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 629.815+/-0.172 χ^2/NDF : 23298.3/16

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

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

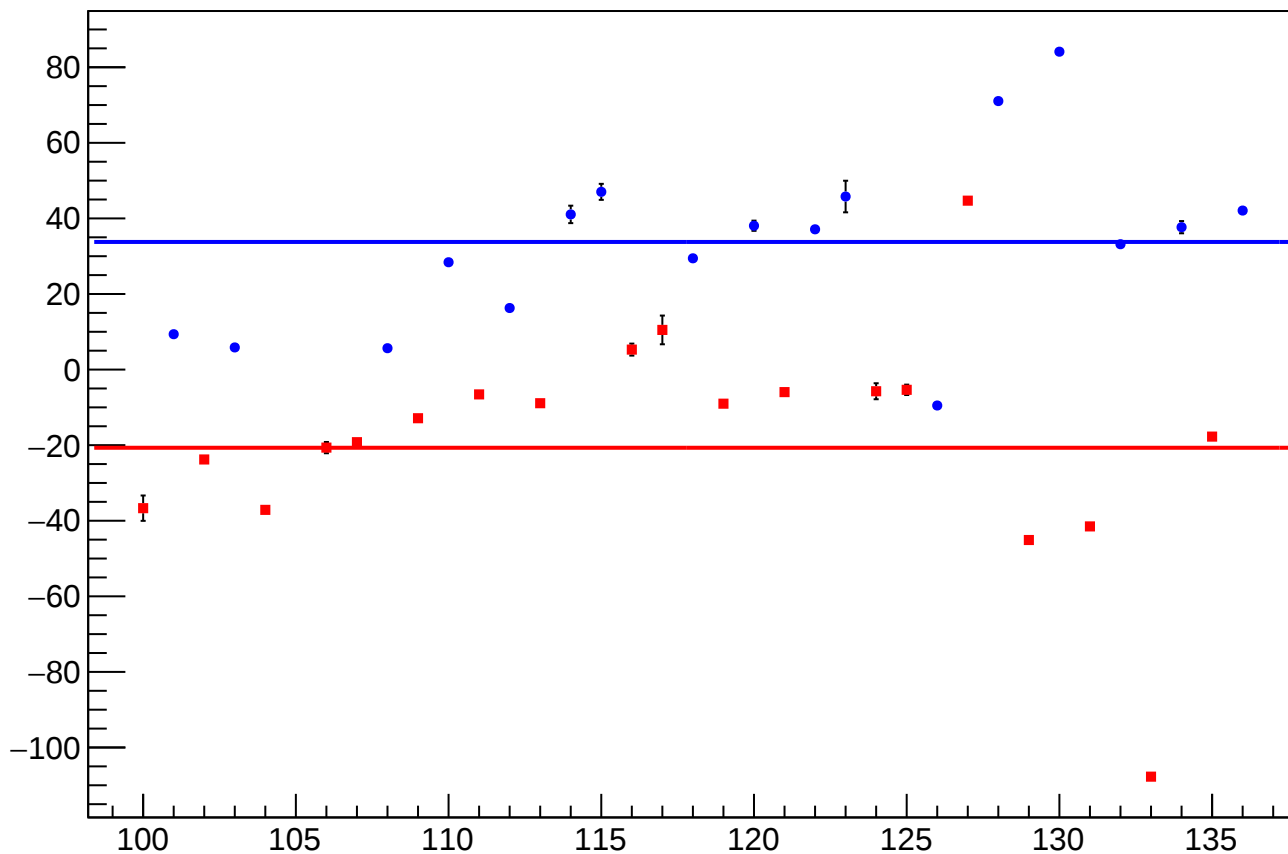
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

629.815+/-0.172 χ^2/NDF : 23298.3/16

630.047+/-0.120 χ^2/NDF : 47860.3/35

630.271+/-0.168 χ^2/NDF : 24558.3/18

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 33.773+/-0.300 χ^2/NDF : 6487.9/16

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

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

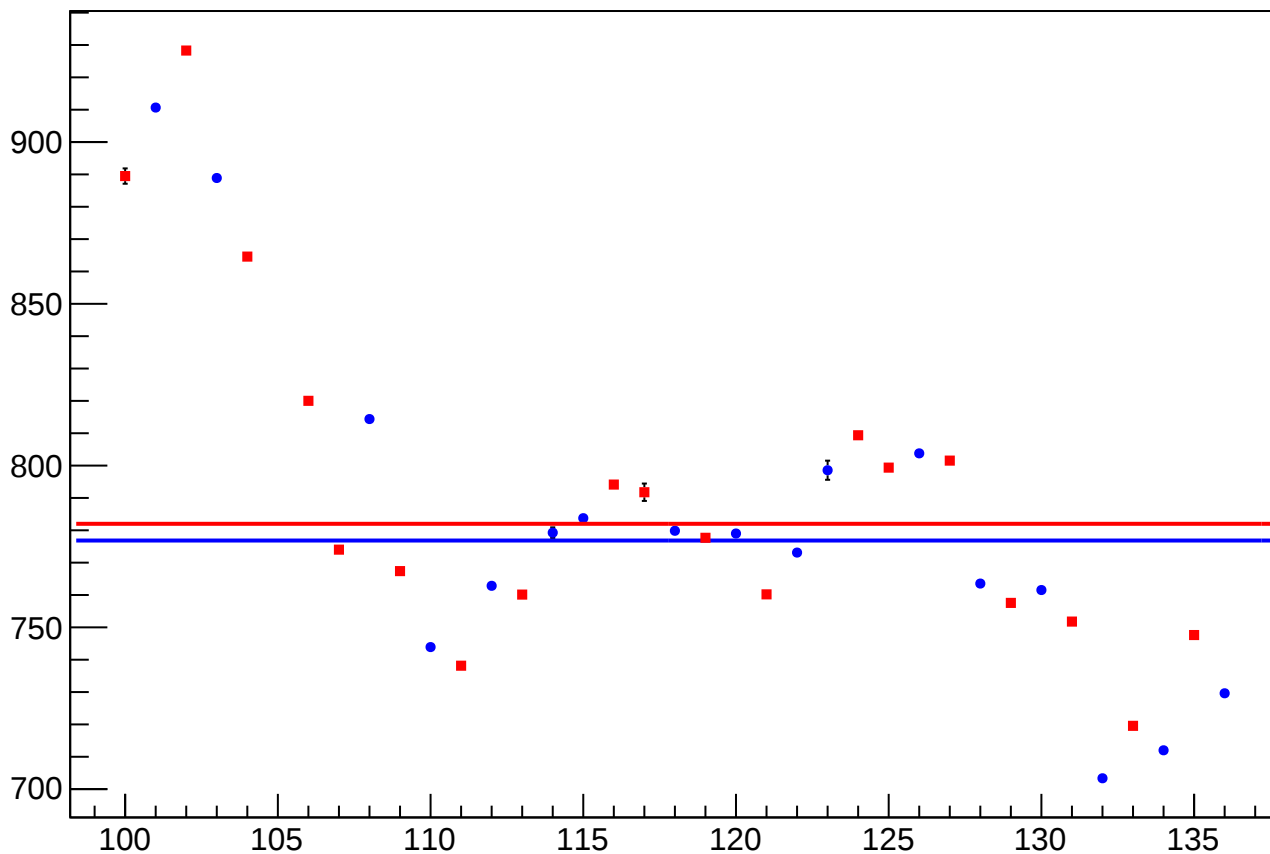
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.773+/-0.300 χ^2/NDF : 6487.9/16

6.189+/-0.211 χ^2/NDF : 34449.0/35

-20.687+/-0.296 χ^2/NDF : 11257.9/18

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 776.838 $\pm$ 0.212 χ^2 /NDF: 67487.1/16

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

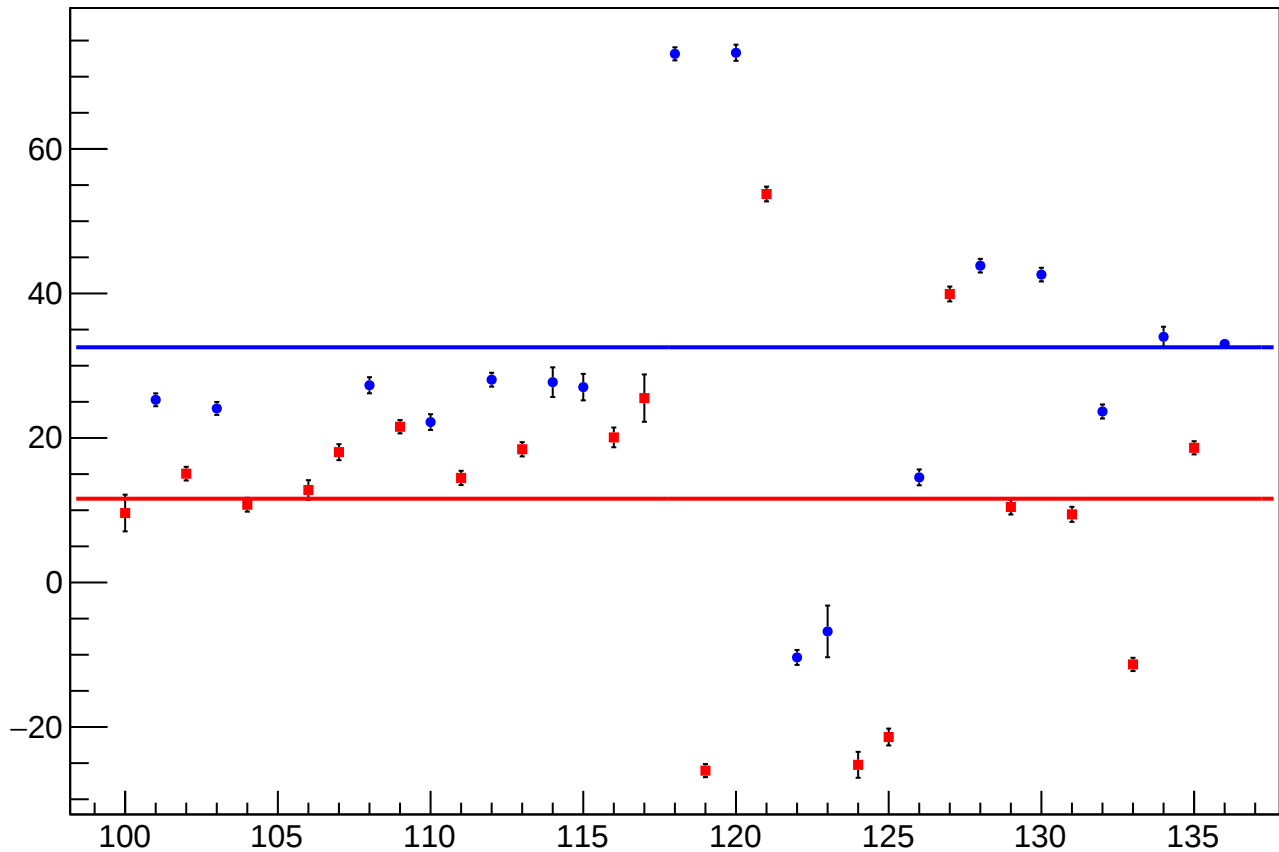
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

776.838 $\pm$ 0.212 χ^2 /NDF: 67487.1/16

779.455 $\pm$ 0.149 χ^2 /NDF: 124136.3/35

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.552+/-0.253 χ^2 /NDF: 6073.0/16

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

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

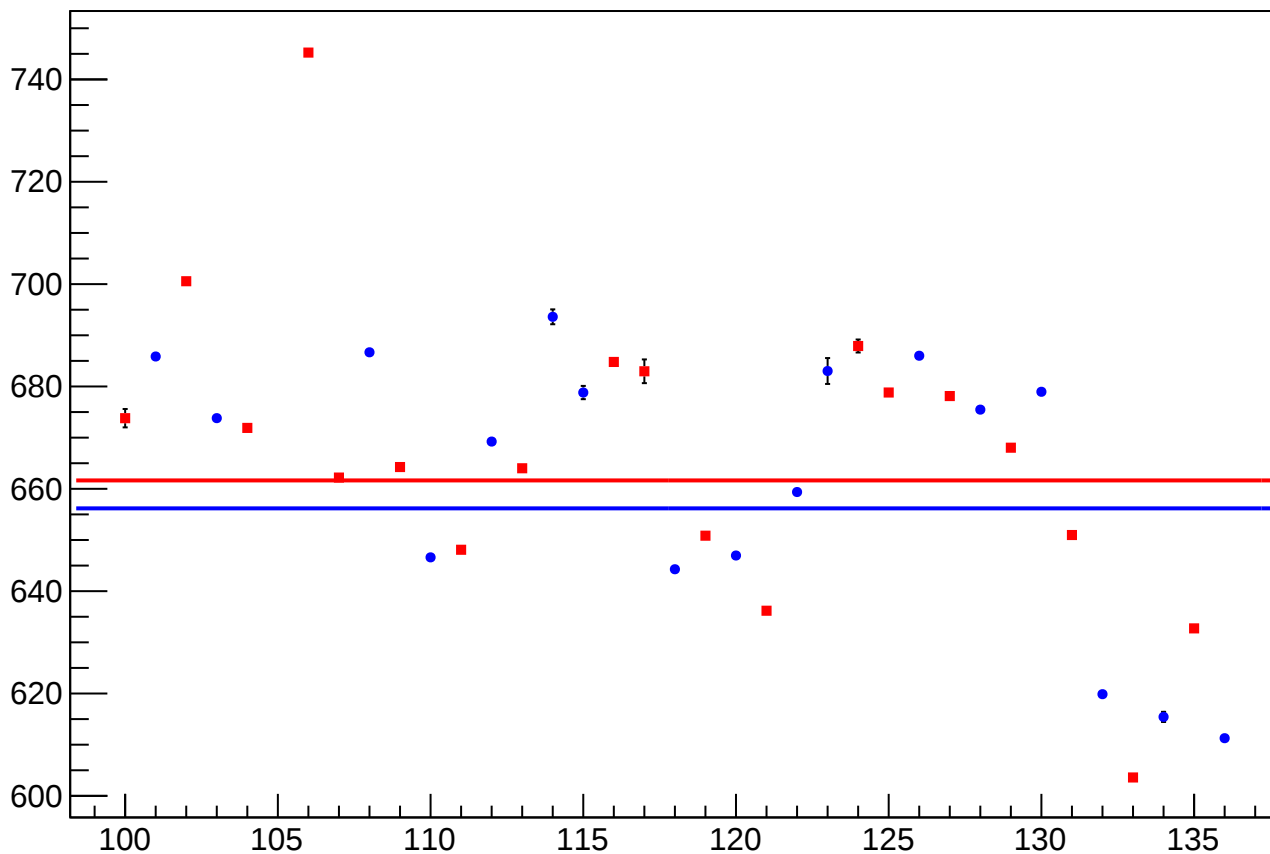
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.552+/-0.253 χ^2 /NDF: 6073.0/16

21.964+/-0.178 χ^2 /NDF: 15906.1/35

11.596+/-0.250 χ^2 /NDF: 6363.0/18

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 656.181+/-0.179 χ^2/NDF : 23569.6/16

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

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

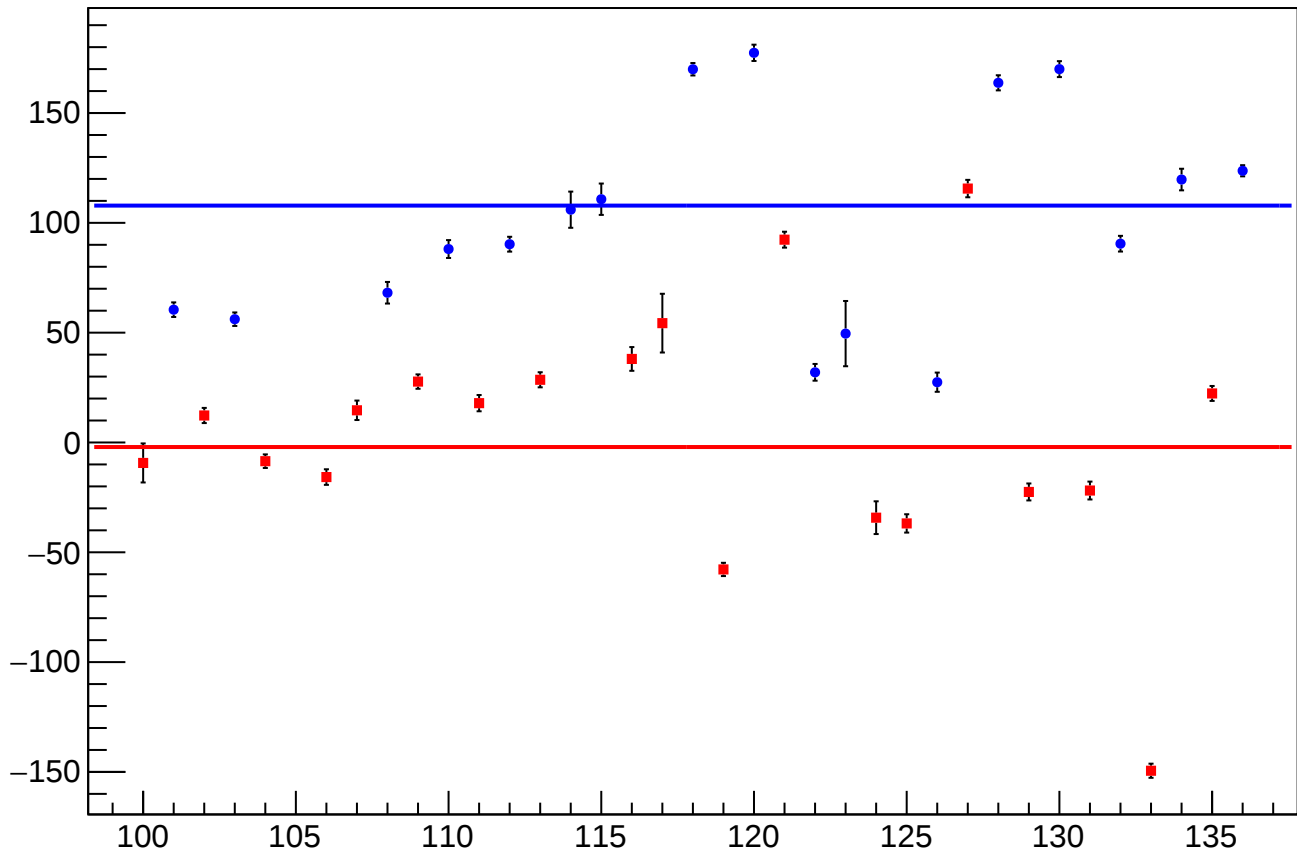
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

656.181+/-0.179 χ^2/NDF : 23569.6/16

658.939+/-0.126 χ^2/NDF : 49509.4/35

661.641+/-0.177 χ^2/NDF : 25468.6/18

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 107.852 $\pm$ 0.922 χ^2 /NDF: 2809.0/16

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

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

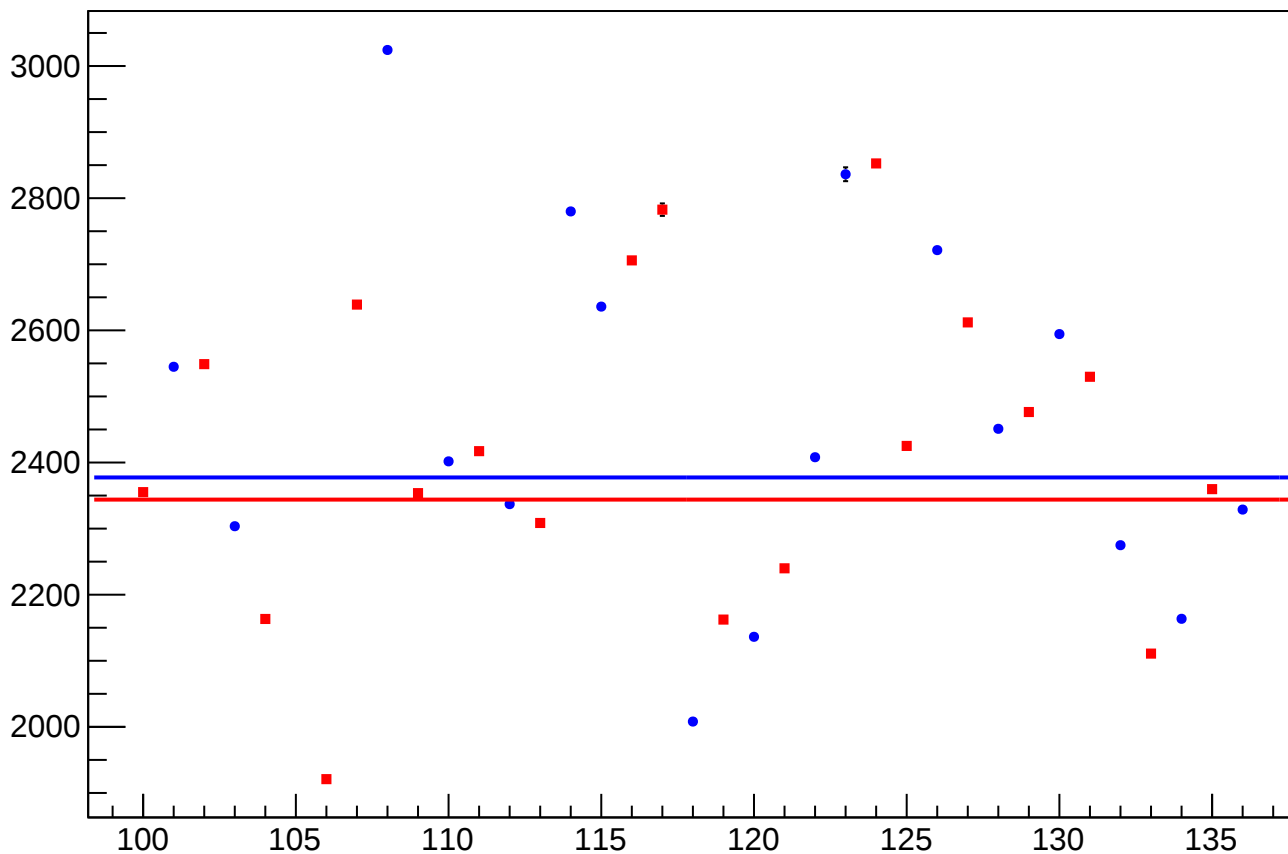
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

107.852 $\pm$ 0.922 χ^2 /NDF: 2809.0/16

51.084 $\pm$ 0.641 χ^2 /NDF: 14665.6/35

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

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2377.423+/-0.652 χ^2/NDF : 119648.6/16

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

Right Out: 2343.896+/-0.631 χ^2/NDF : 108528.7/18

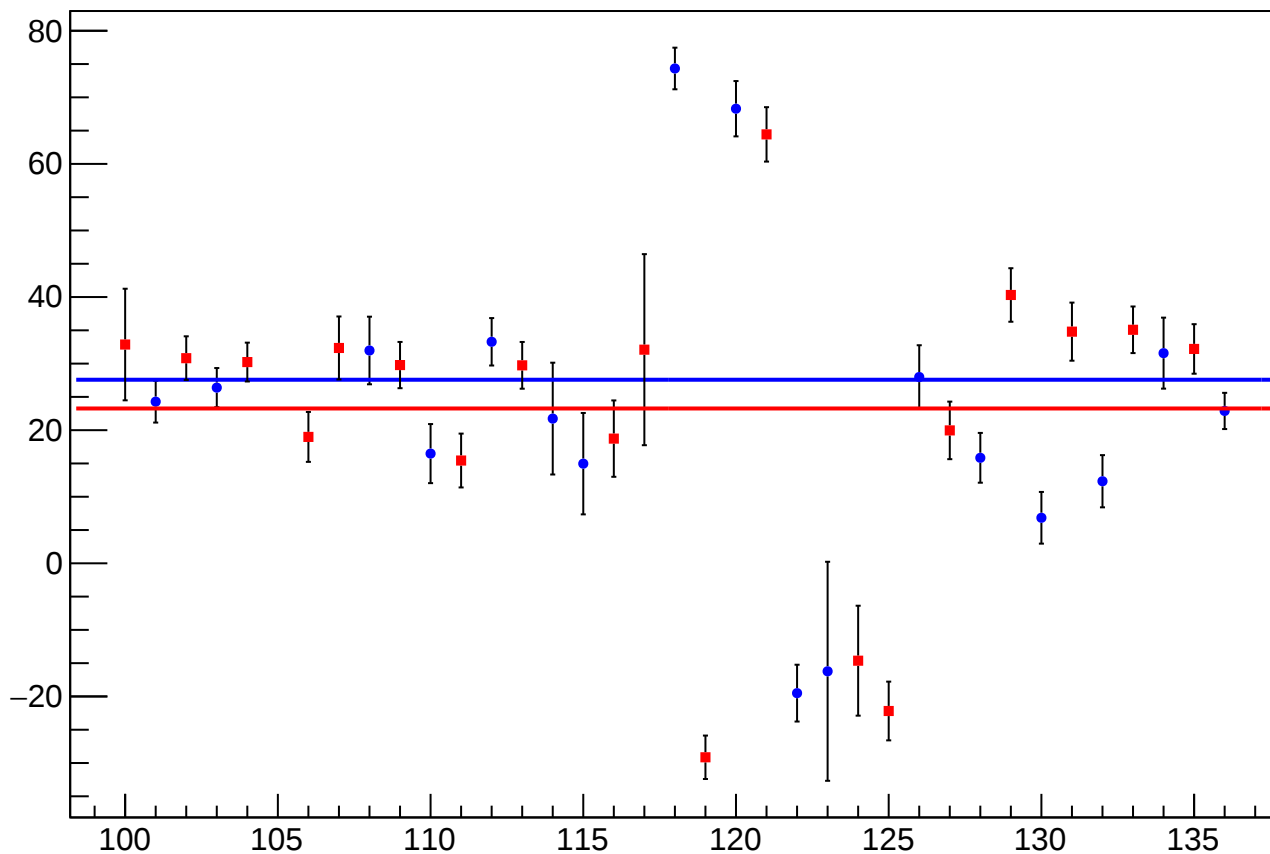
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2377.423+/-0.652 χ^2/NDF : 119648.6/16

2360.109+/-0.453 χ^2/NDF : 229544.4/35

2343.896+/-0.631 χ^2/NDF : 108528.7/18

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 27.577+/-0.975 χ^2 /NDF: 519.6/16

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

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

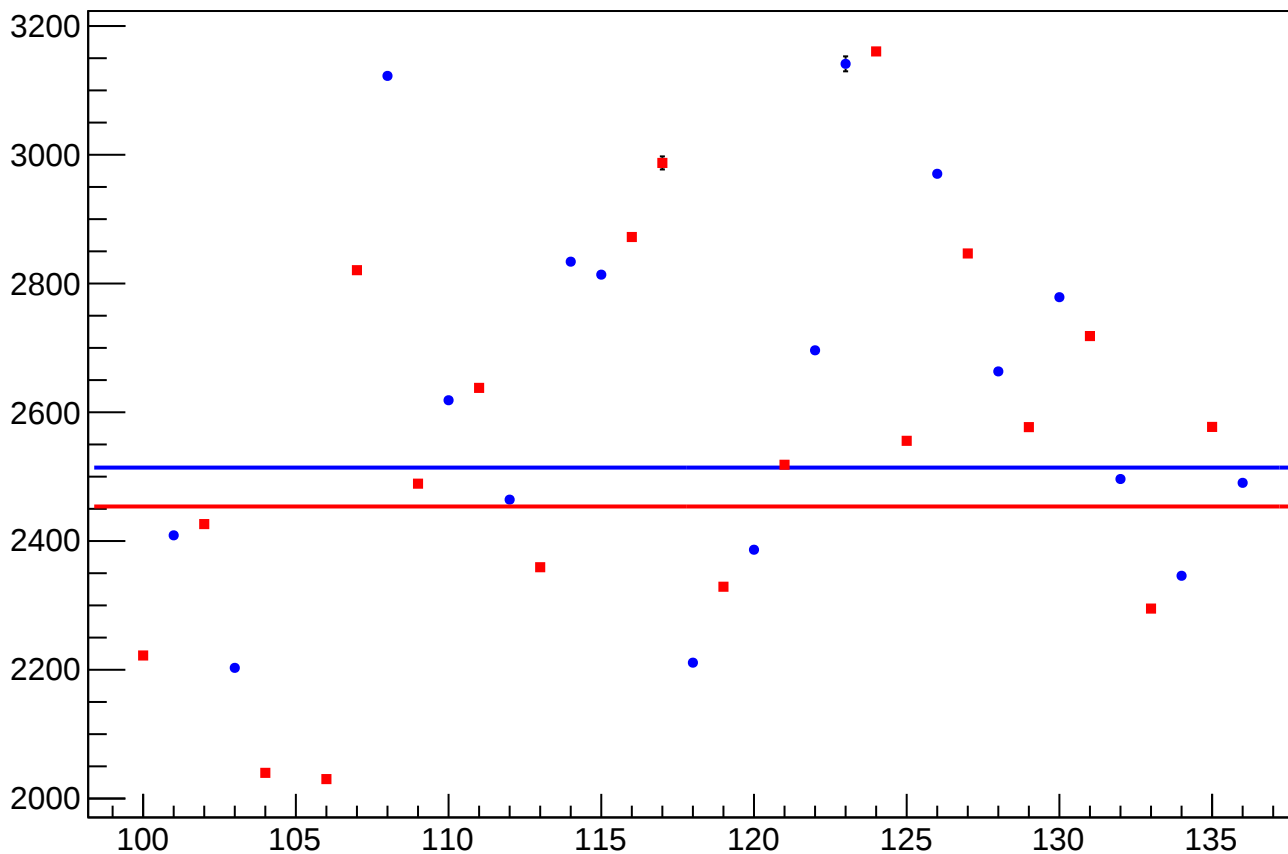
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.577+/-0.975 χ^2 /NDF: 519.6/16

25.329+/-0.675 χ^2 /NDF: 1088.0/35

23.259+/-0.936 χ^2 /NDF: 558.2/18

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2514.088+/-0.689 χ^2/NDF : 120961.3/16

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

Right Out: 2453.653+/-0.662 χ^2/NDF : 149918.4/18

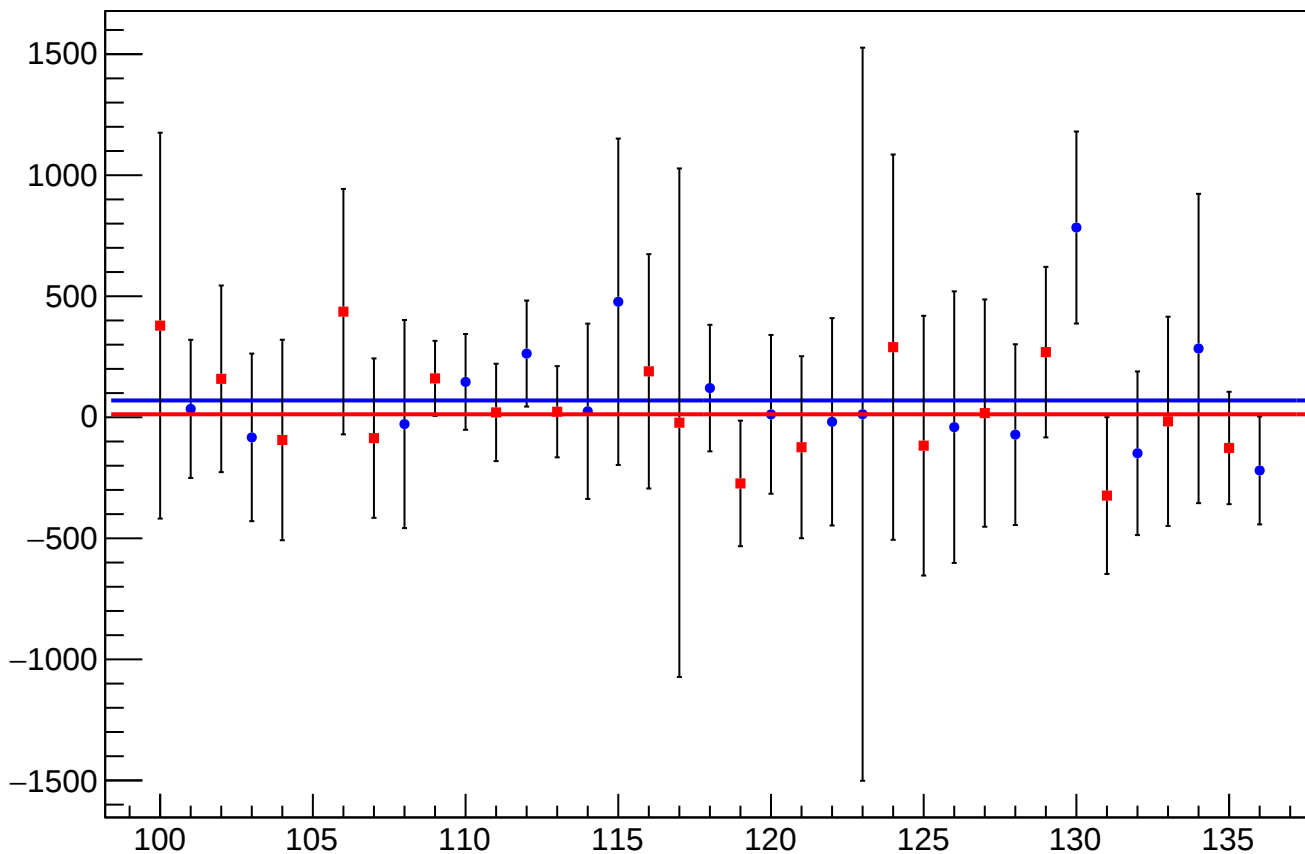
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2514.088+/-0.689 χ^2/NDF : 120961.3/16

2482.636+/-0.477 χ^2/NDF : 274880.7/35

2453.653+/-0.662 χ^2/NDF : 149918.4/18

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 69.587+/-79.023 χ^2/NDF : 7.3/16

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

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

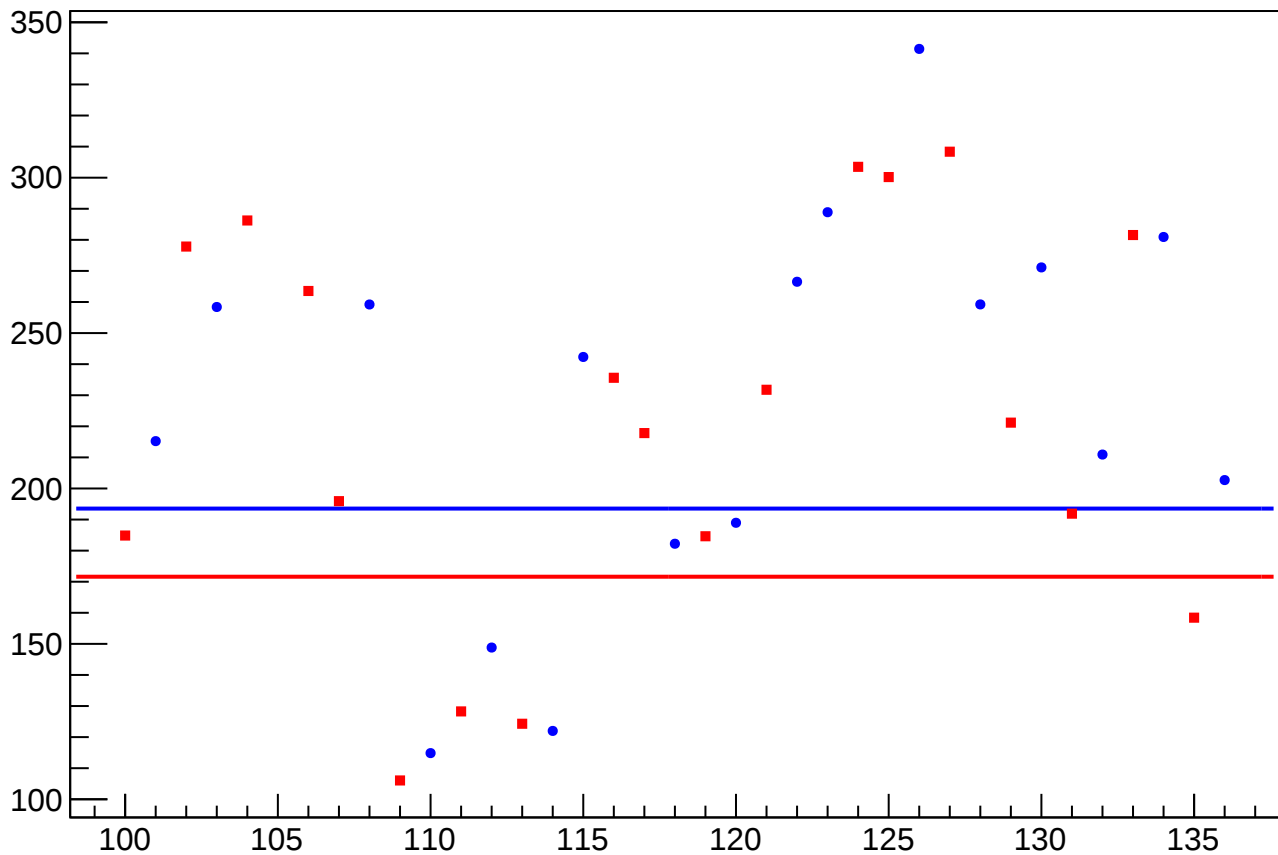
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.587+/-79.023 χ^2/NDF : 7.3/16

37.833+/-52.697 χ^2/NDF : 13.4/35

12.404+/-70.716 χ^2/NDF : 5.8/18

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.533+/-0.056 χ^2/NDF : 1010428.2/16

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

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

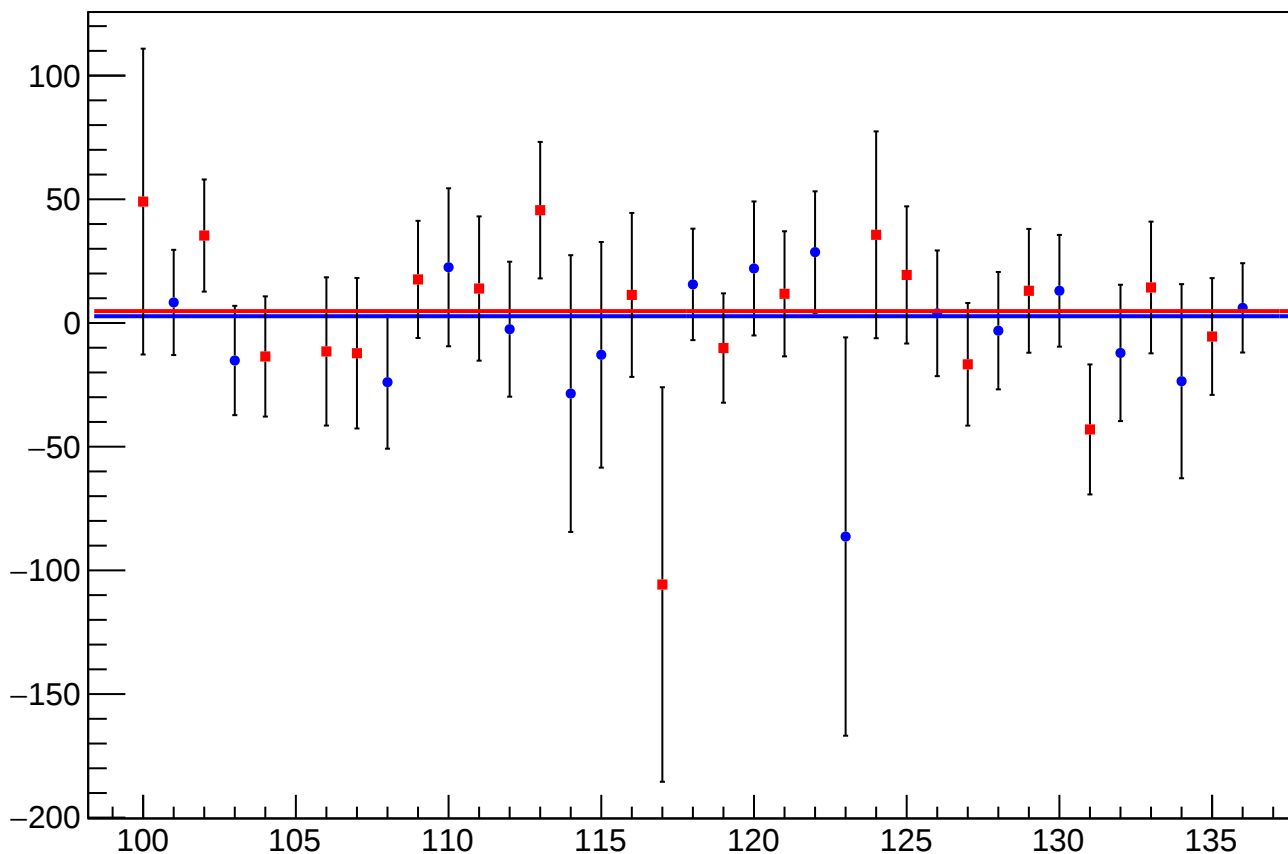
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.533+/-0.056 χ^2/NDF : 1010428.2/16

181.359+/-0.037 χ^2/NDF : 2672703.3/35

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: 2.733 $\pm$ 6.424 χ^2 /NDF: 6.8/16

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

Right Out: 4.808 $\pm$ 6.350 χ^2 /NDF: 13.9/18

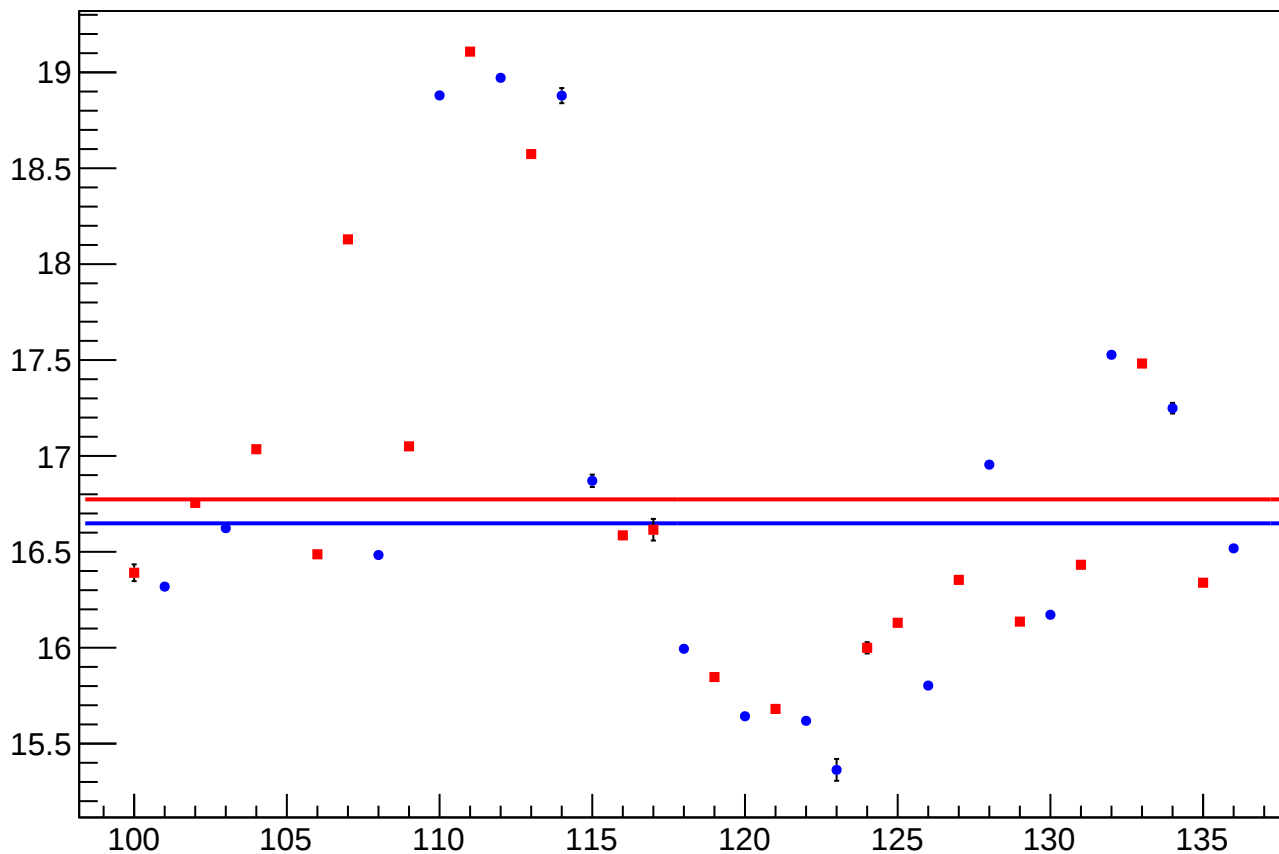
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2.733 $\pm$ 6.424 χ^2 /NDF: 6.8/16

3.783 $\pm$ 4.516 χ^2 /NDF: 20.7/35

4.808 $\pm$ 6.350 χ^2 /NDF: 13.9/18

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.649+/-0.005 χ^2/NDF : 42566.9/16

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

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

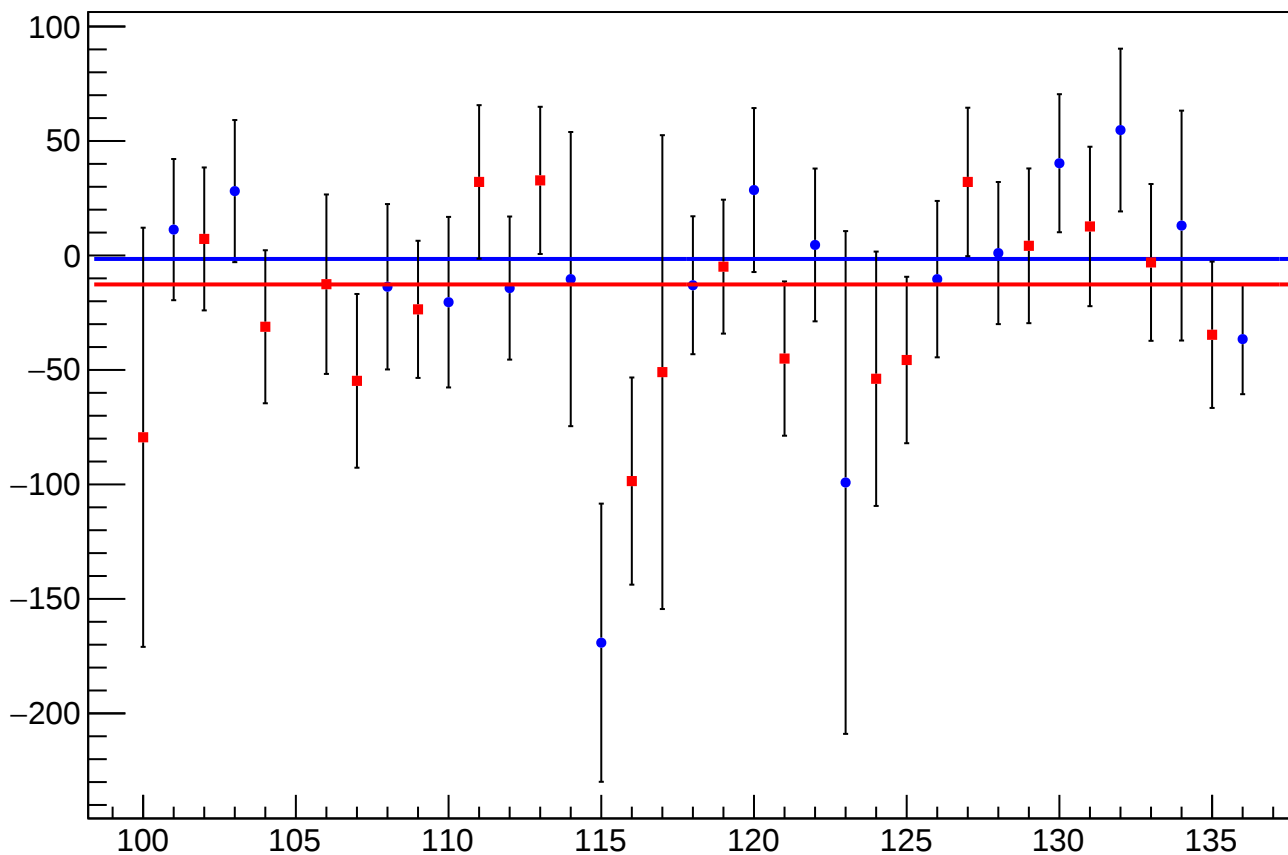
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.649+/-0.005 χ^2/NDF : 42566.9/16

16.712+/-0.003 χ^2/NDF : 82419.5/35

16.773+/-0.004 χ^2/NDF : 39470.0/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.523+/-8.485 χ^2/NDF : 17.6/16

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

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

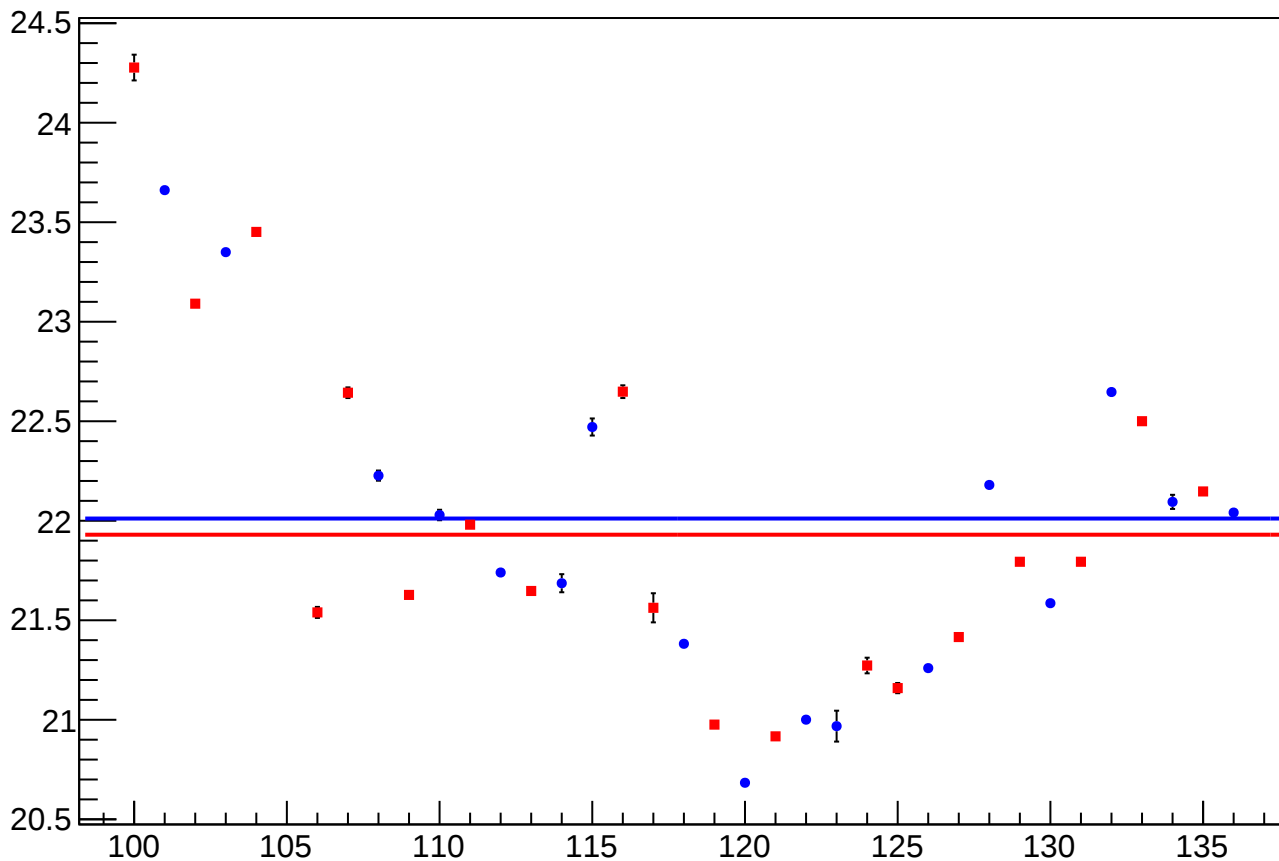
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.523+/-8.485 χ^2/NDF : 17.6/16

-7.218+/-5.929 χ^2/NDF : 34.3/35

-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: 22.011+/-0.006 χ^2/NDF : 17546.9/16

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

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

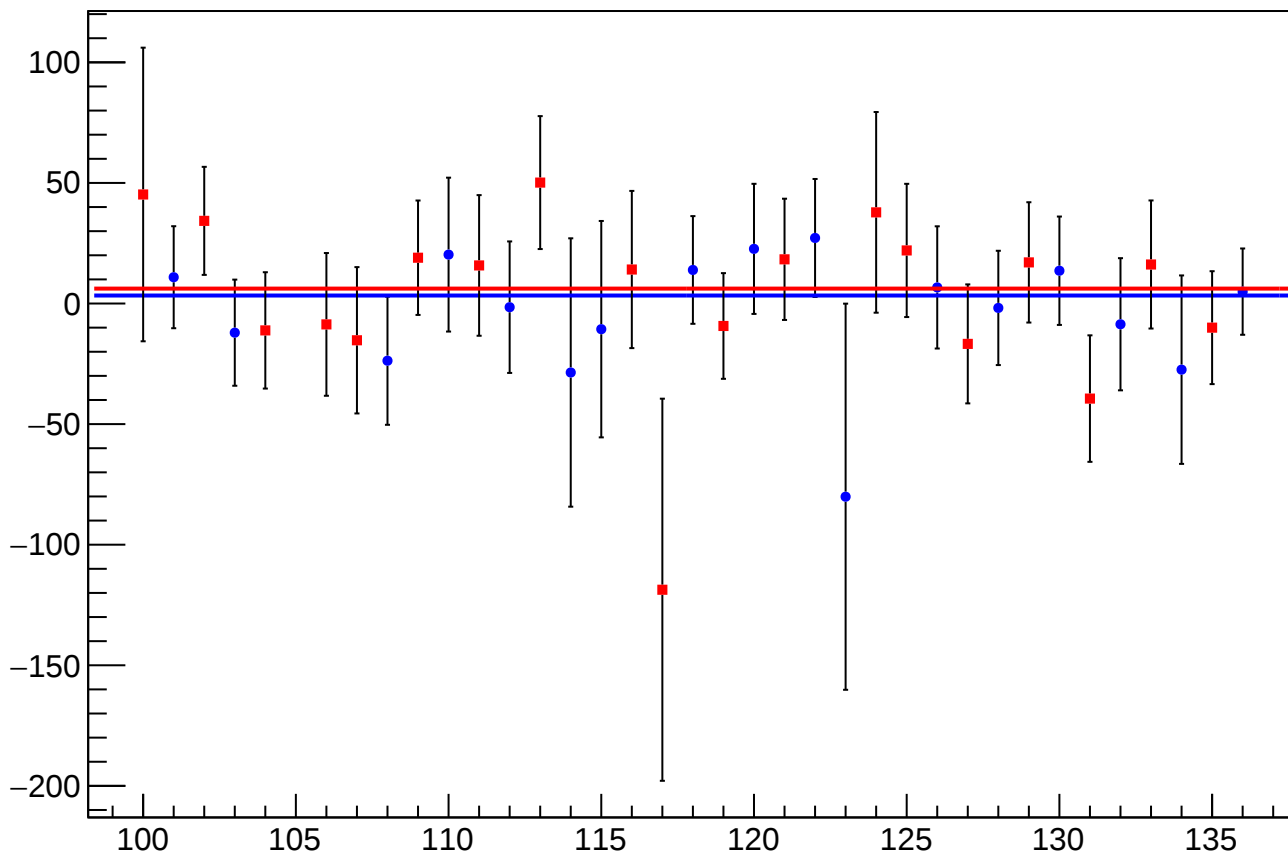
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.011+/-0.006 χ^2/NDF : 17546.9/16

21.970+/-0.004 χ^2/NDF : 33994.1/35

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: 3.317 $\pm$ 6.388 χ^2 /NDF: 6.3/16

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

Right Out: 6.187 $\pm$ 6.314 χ^2 /NDF: 15.1/18

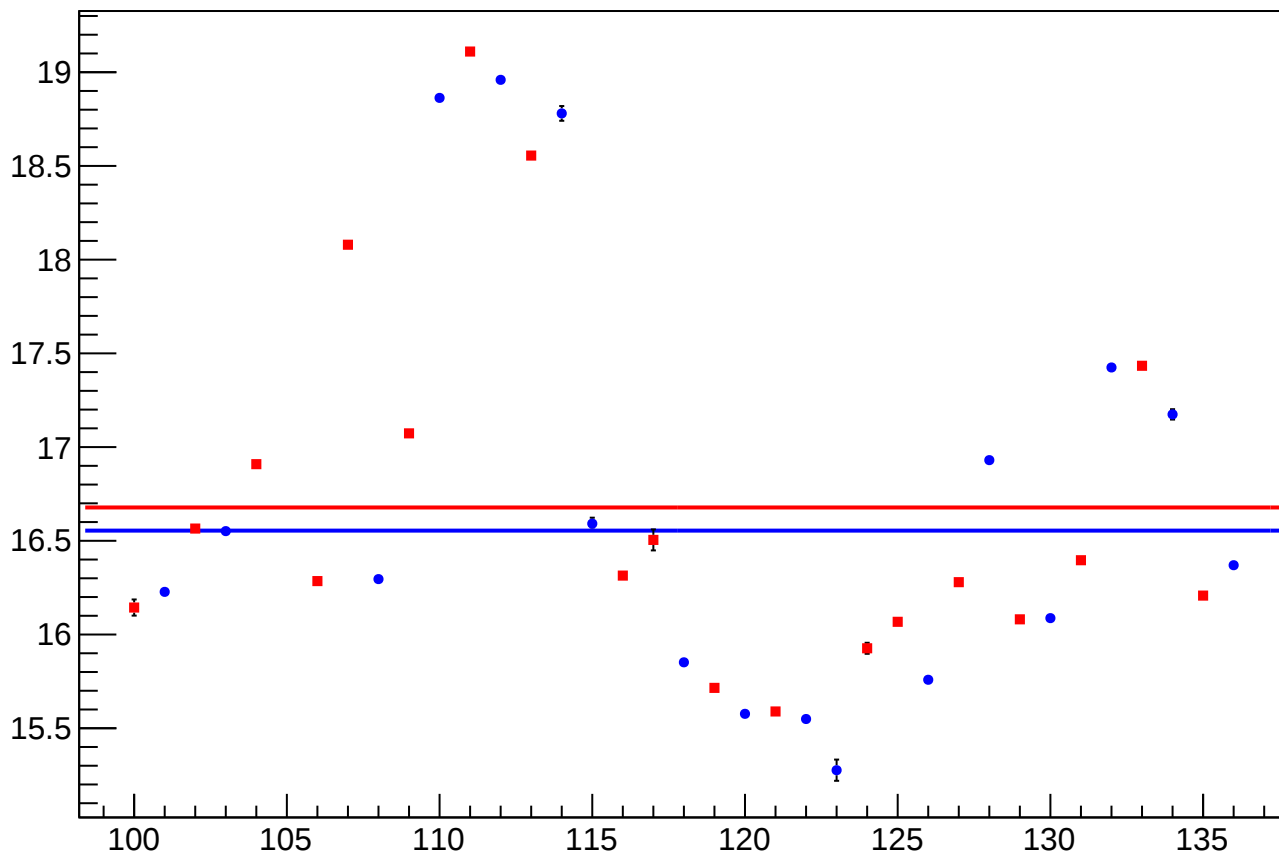
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.317 $\pm$ 6.388 χ^2 /NDF: 6.3/16

4.768 $\pm$ 4.491 χ^2 /NDF: 21.4/35

6.187 $\pm$ 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: 16.554+/-0.005 χ^2/NDF : 44475.2/16

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

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

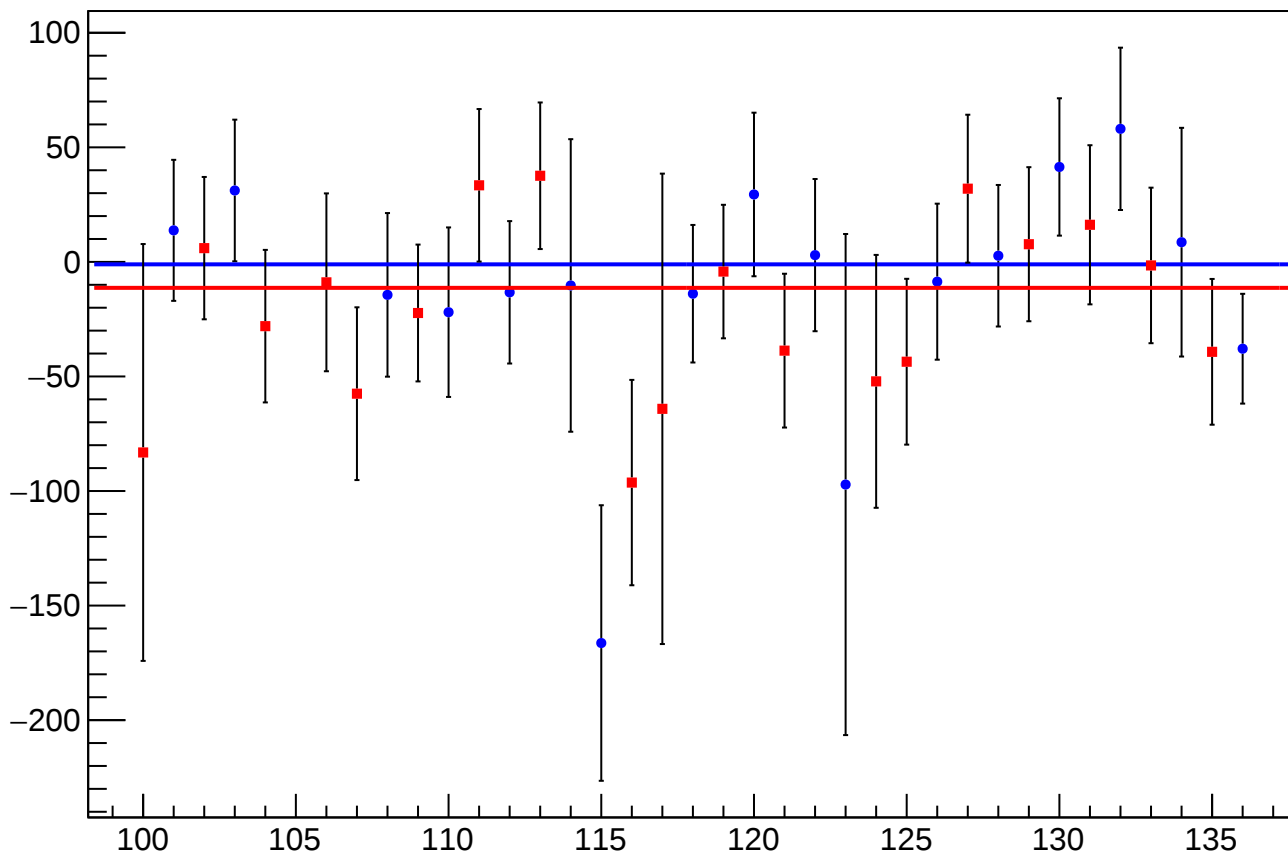
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.554+/-0.005 χ^2/NDF : 44475.2/16

16.617+/-0.003 χ^2/NDF : 87439.9/35

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: -1.068+/-8.444 χ^2/NDF : 18.5/16

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

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

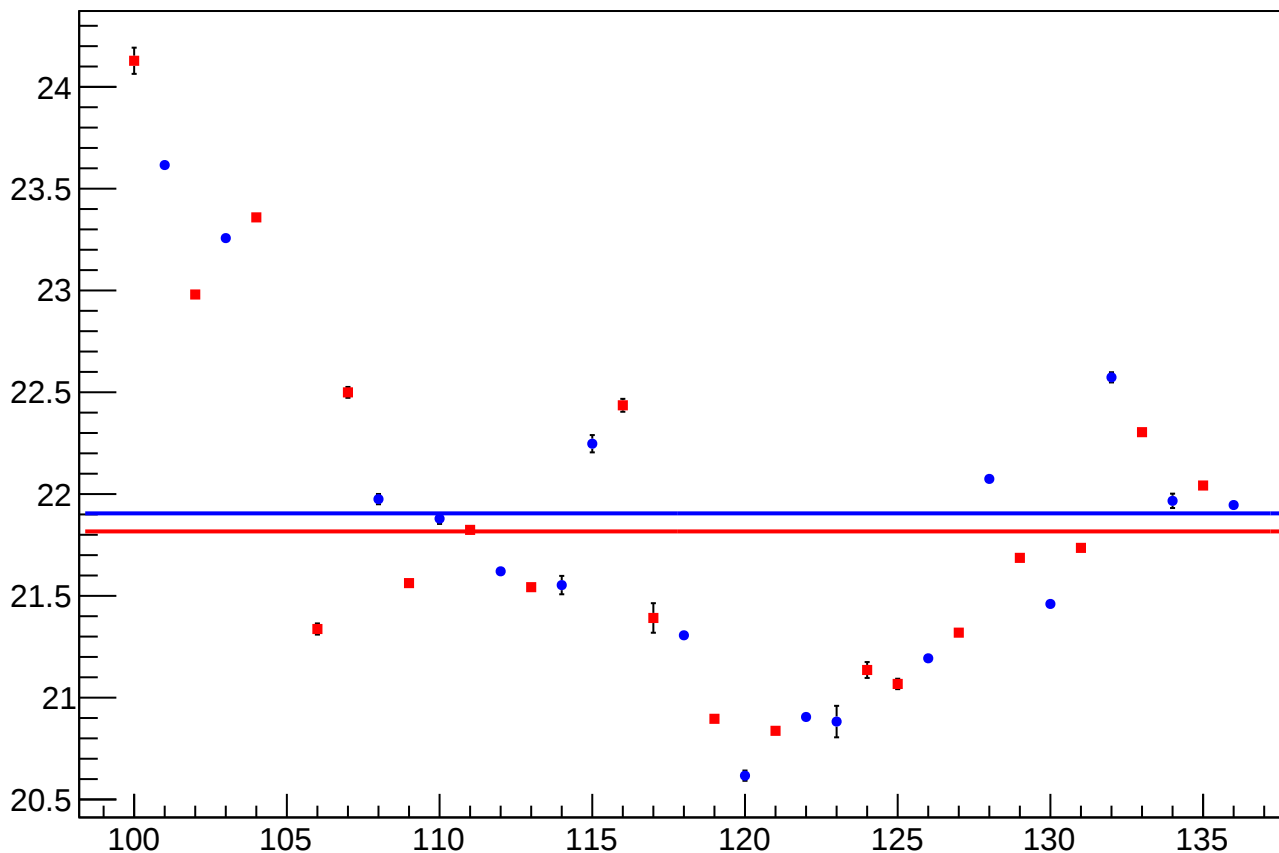
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.068+/-8.444 χ^2/NDF : 18.5/16

-6.320+/-5.900 χ^2/NDF : 35.7/35

-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: 21.905+/-0.006 χ^2/NDF : 17794.2/16

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

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

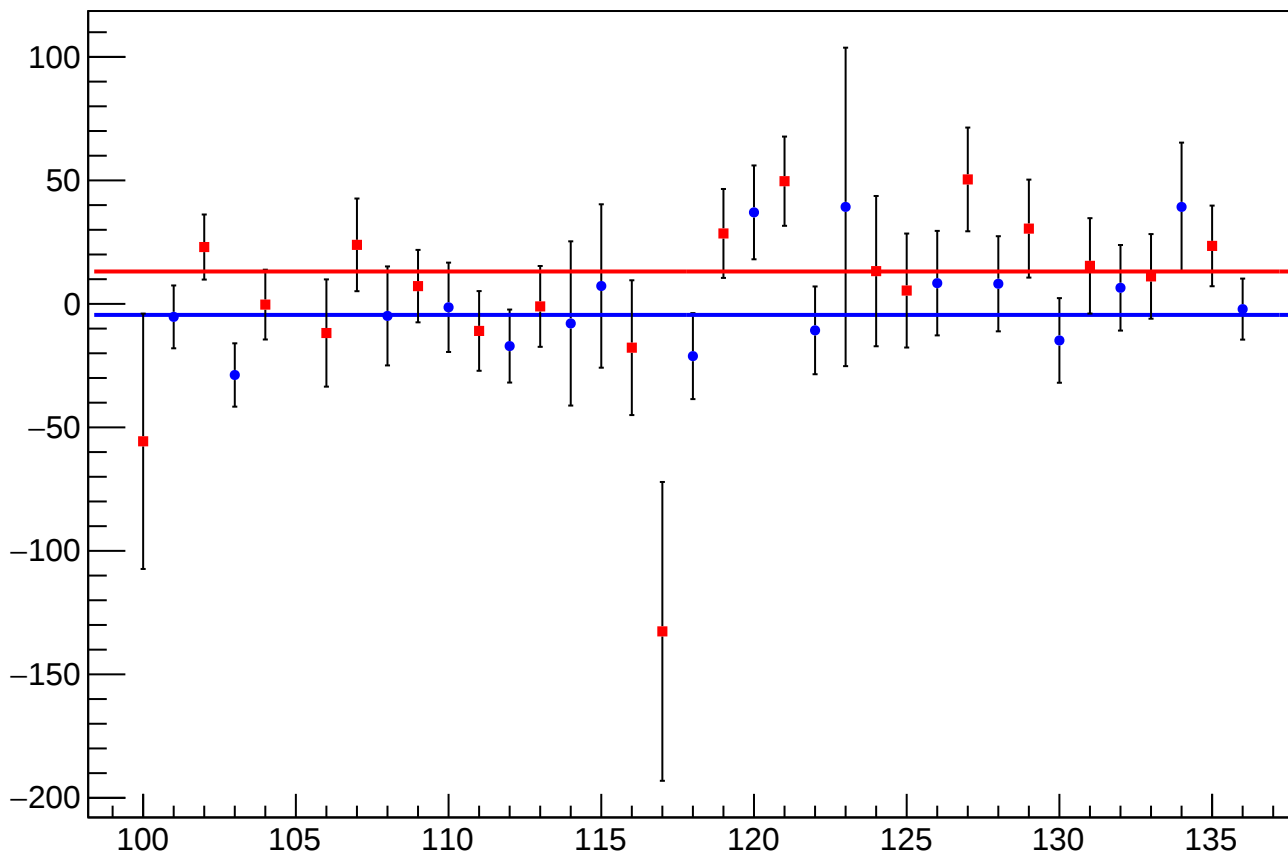
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.905+/-0.006 χ^2/NDF : 17794.2/16

21.860+/-0.004 χ^2/NDF : 33856.7/35

21.817+/-0.006 χ^2/NDF : 15949.6/18

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.461+/-4.329 χ^2 /NDF: 15.2/16

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

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

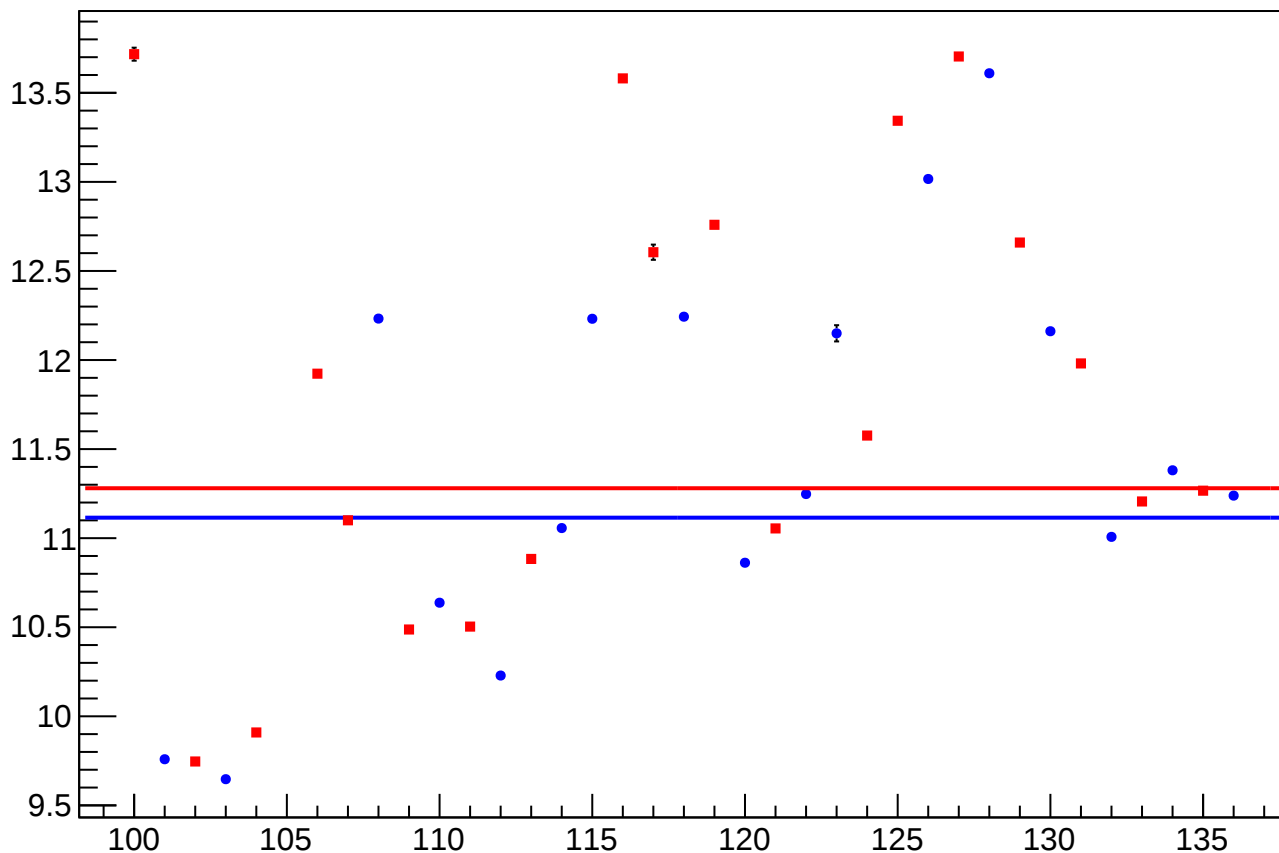
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.461+/-4.329 χ^2 /NDF: 15.2/16

4.356+/-3.056 χ^2 /NDF: 47.8/35

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: 11.115+/-0.003 χ^2/NDF : 133059.3/16

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

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

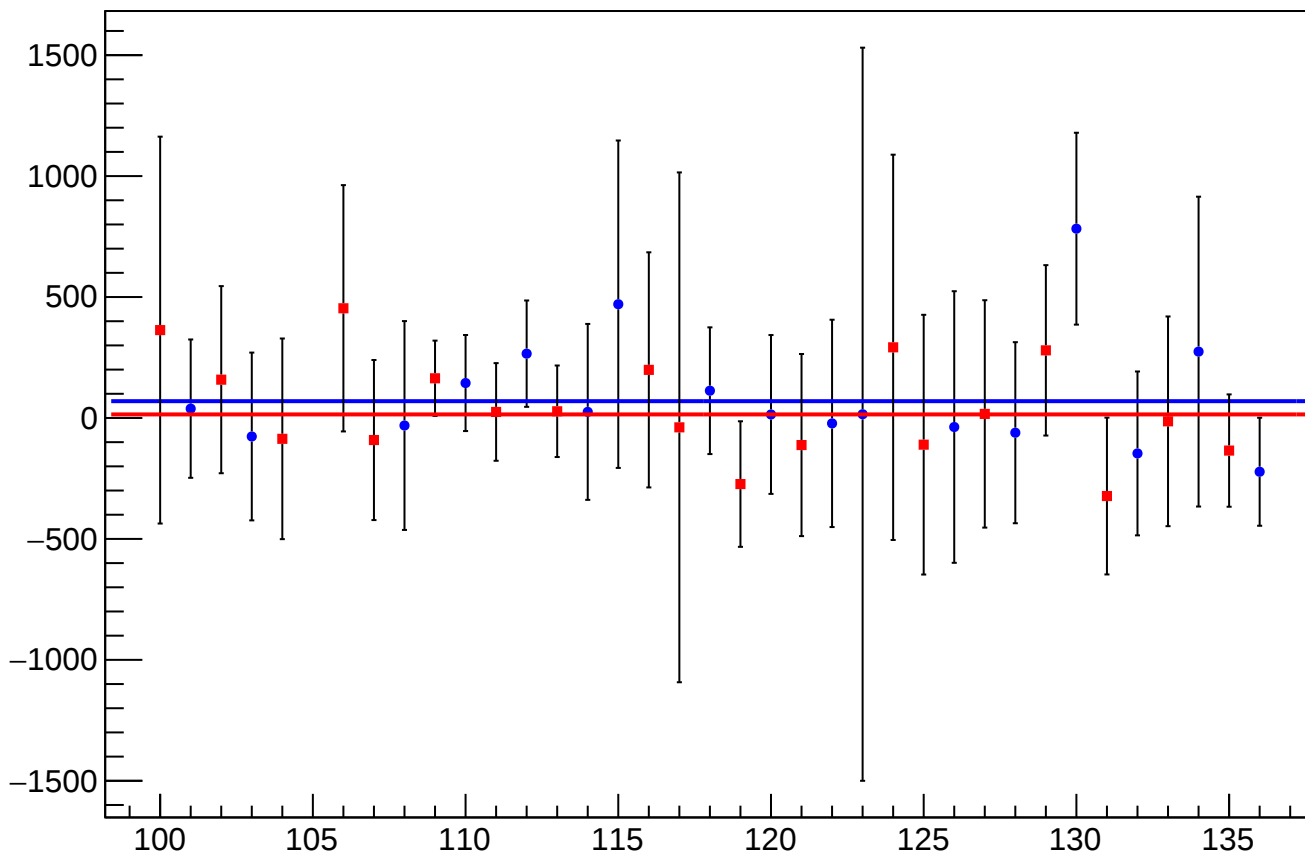
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.115+/-0.003 χ^2/NDF : 133059.3/16

11.198+/-0.002 χ^2/NDF : 282628.5/35

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: 69.470+/-79.231 χ^2/NDF : 7.3/16

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

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

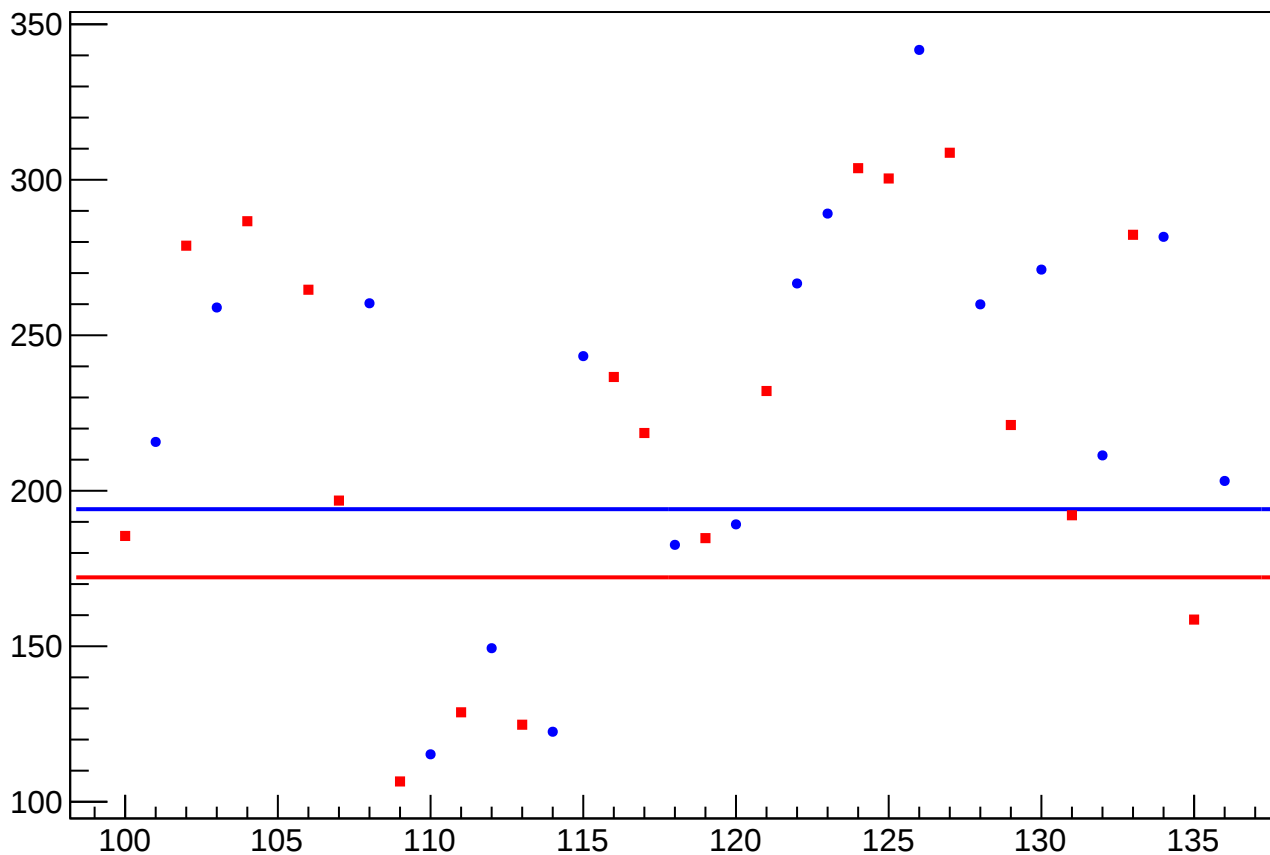
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.470+/-79.231 χ^2/NDF : 7.3/16

39.055+/-52.844 χ^2/NDF : 13.4/35

14.685+/-70.922 χ^2/NDF : 5.9/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.082 $\pm$ 0.056 χ^2 /NDF: 1005395.7/16

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

Right Out: 172.163 $\pm$ 0.050 χ^2 /NDF: 1569436.7/18

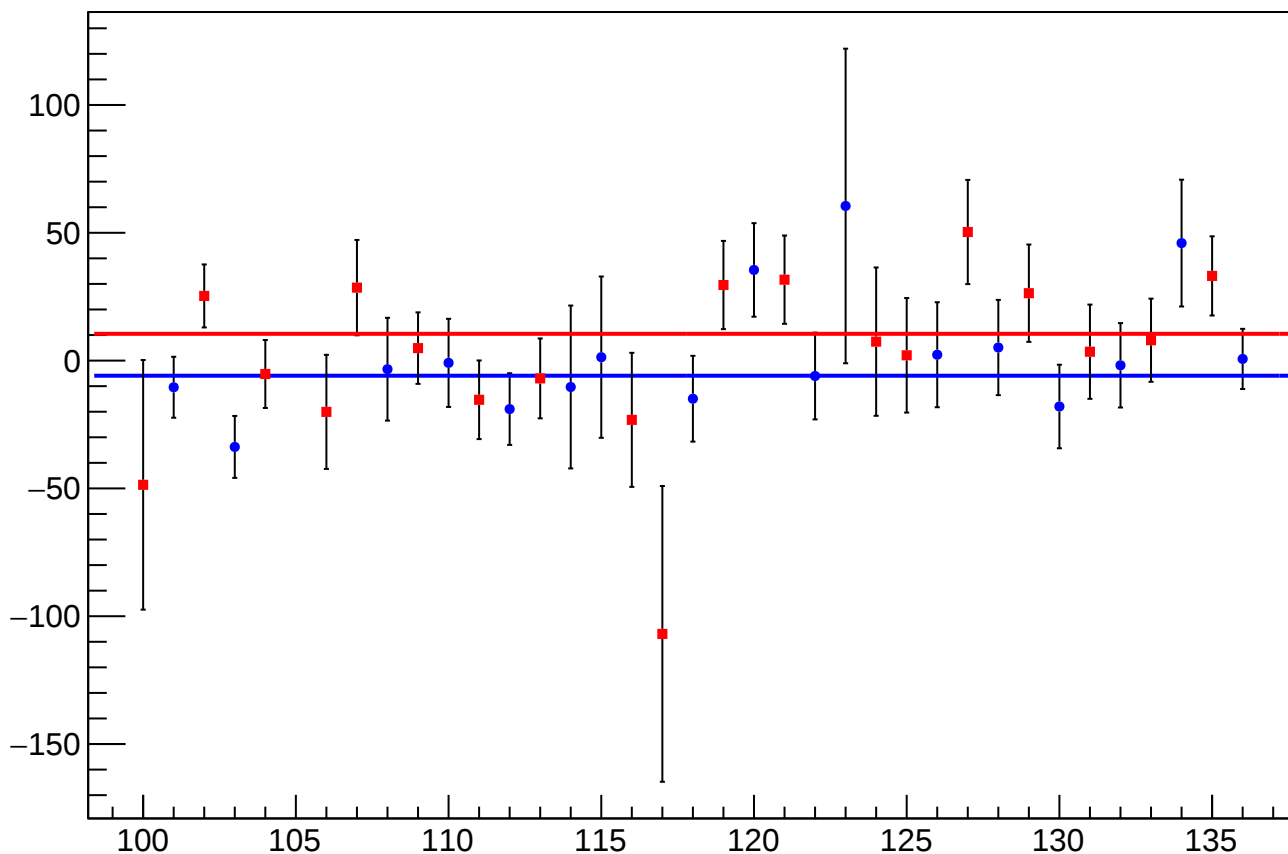
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

194.082 $\pm$ 0.056 χ^2 /NDF: 1005395.7/16

181.913 $\pm$ 0.037 χ^2 /NDF: 2659804.5/35

172.163 $\pm$ 0.050 χ^2 /NDF: 1569436.7/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.912+/-4.133 χ^2/NDF : 18.8/16

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

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

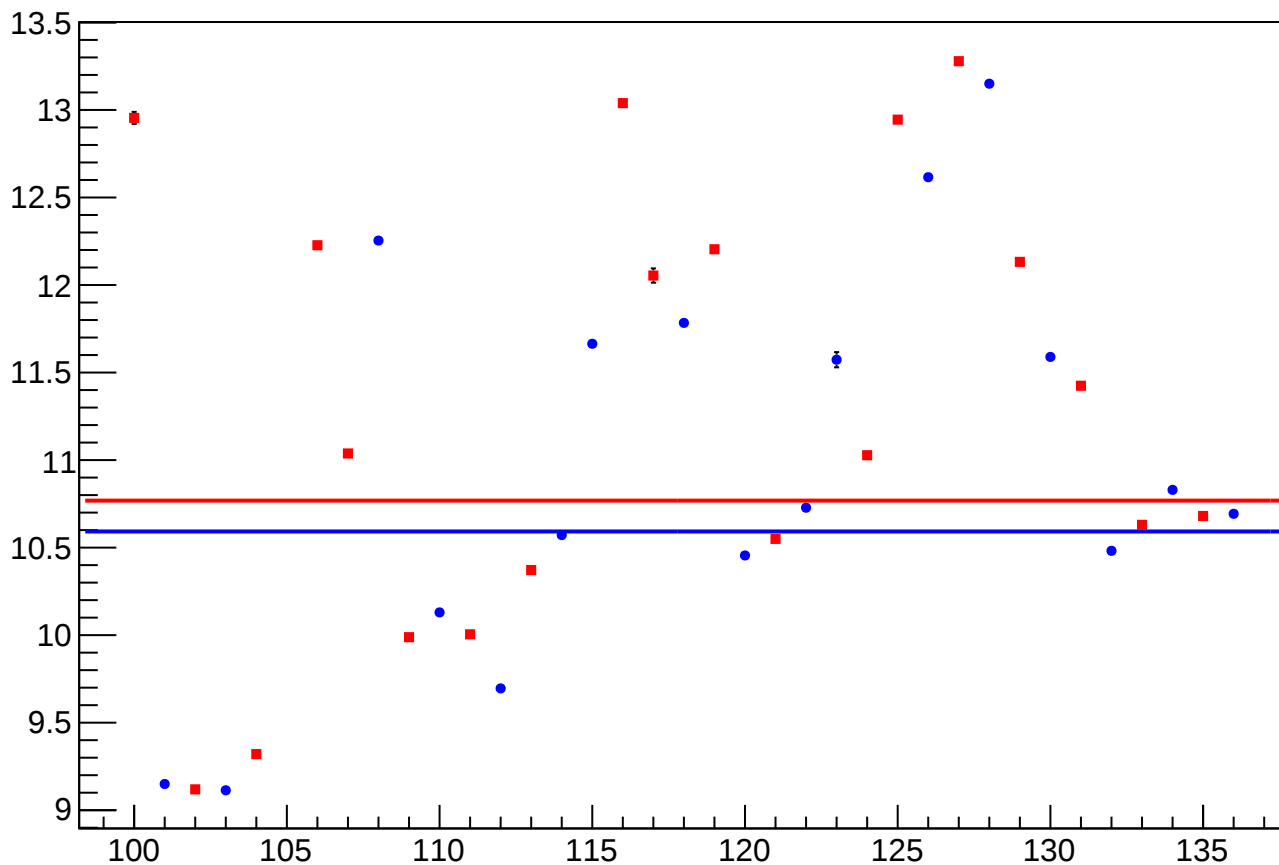
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.912+/-4.133 χ^2/NDF : 18.8/16

2.295+/-2.921 χ^2/NDF : 53.5/35

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: 10.592+/-0.003 χ^2/NDF : 160397.9/16

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

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

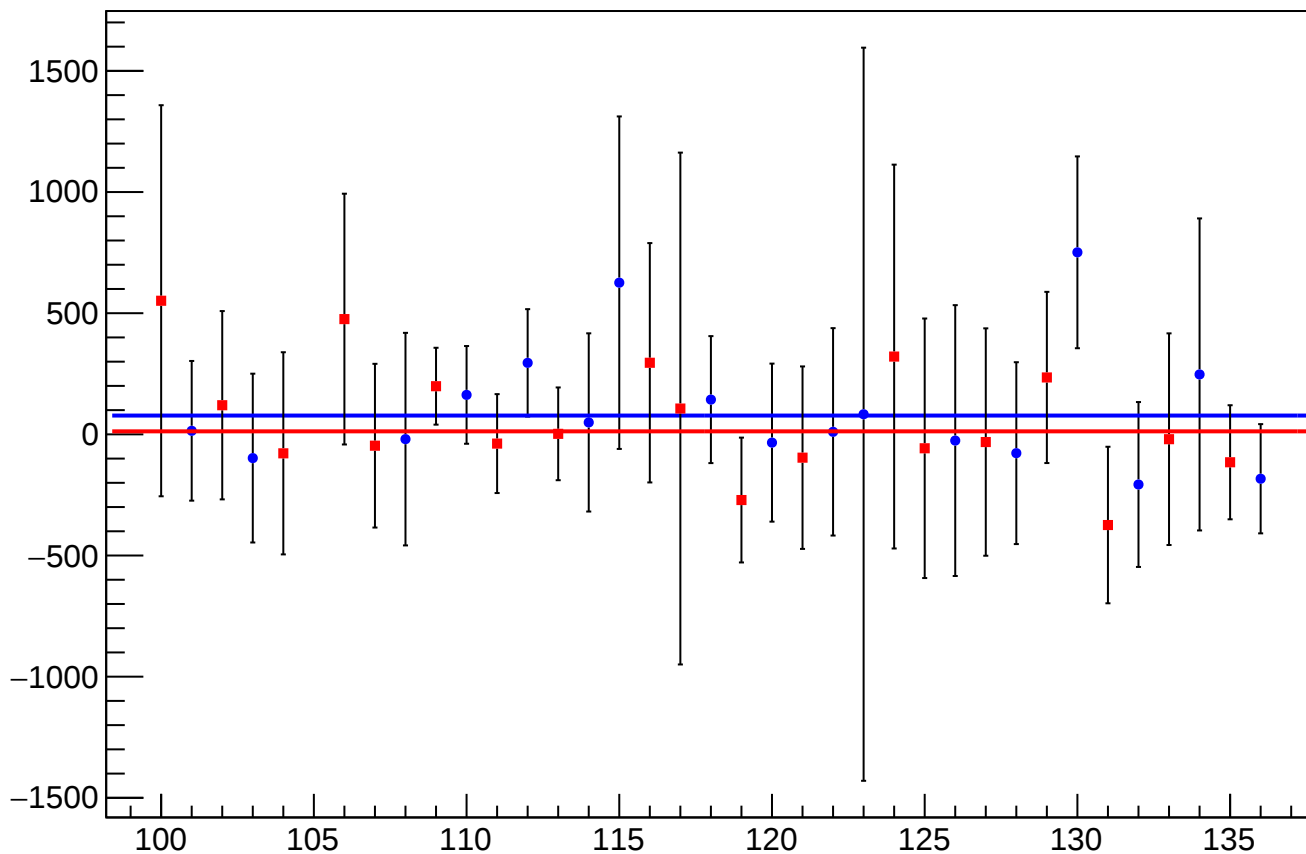
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.592+/-0.003 χ^2/NDF : 160397.9/16

10.680+/-0.002 χ^2/NDF : 339709.8/35

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: 77.589+/-79.751 χ^2/NDF : 7.6/16

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

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

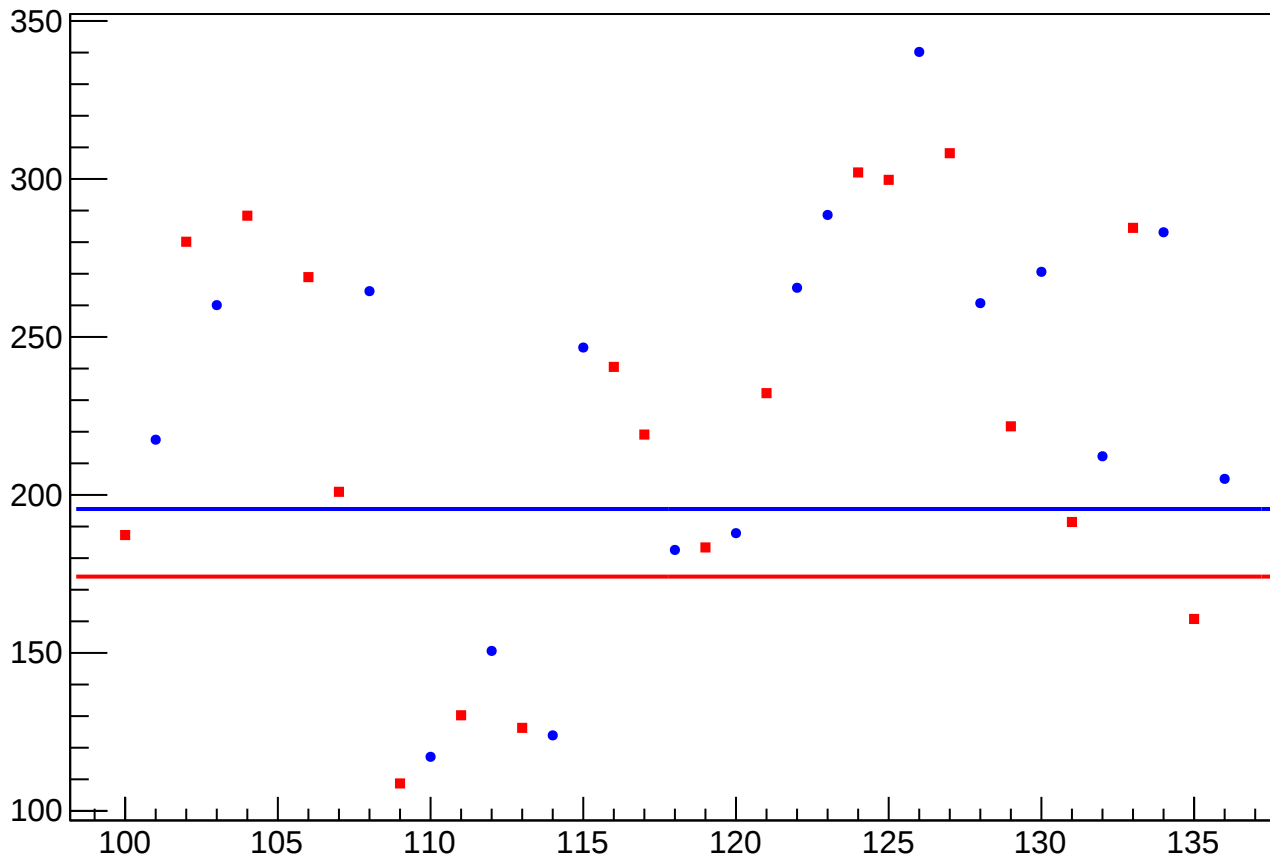
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

77.589+/-79.751 χ^2/NDF : 7.6/16

41.508+/-53.277 χ^2/NDF : 14.7/35

12.426+/-71.598 χ^2/NDF : 6.8/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.551+/-0.056 χ^2/NDF : 979937.7/16

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

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

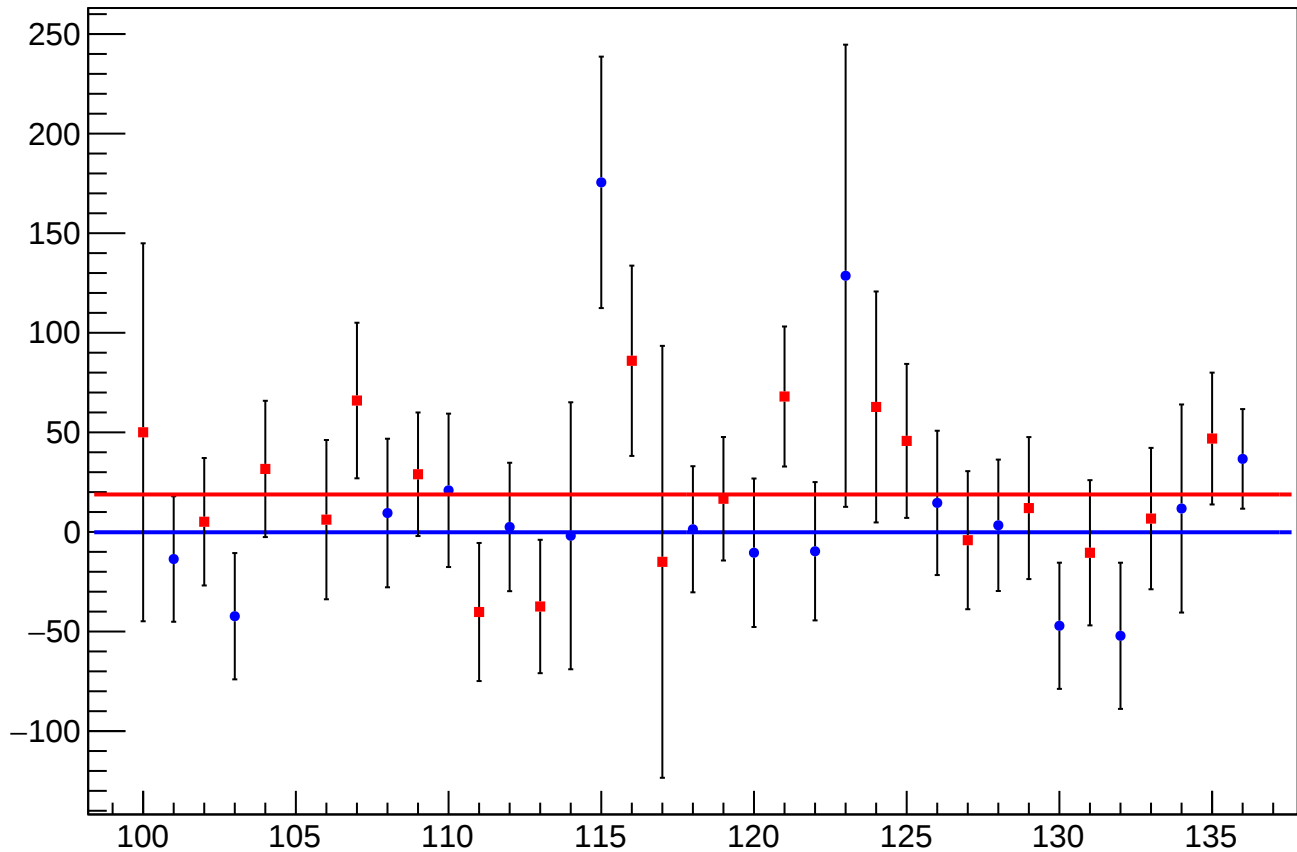
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.551+/-0.056 χ^2/NDF : 979937.7/16

183.706+/-0.038 χ^2/NDF : 2588055.6/35

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: -0.158 ± 8.826 χ^2/NDF : 18.1/16

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

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

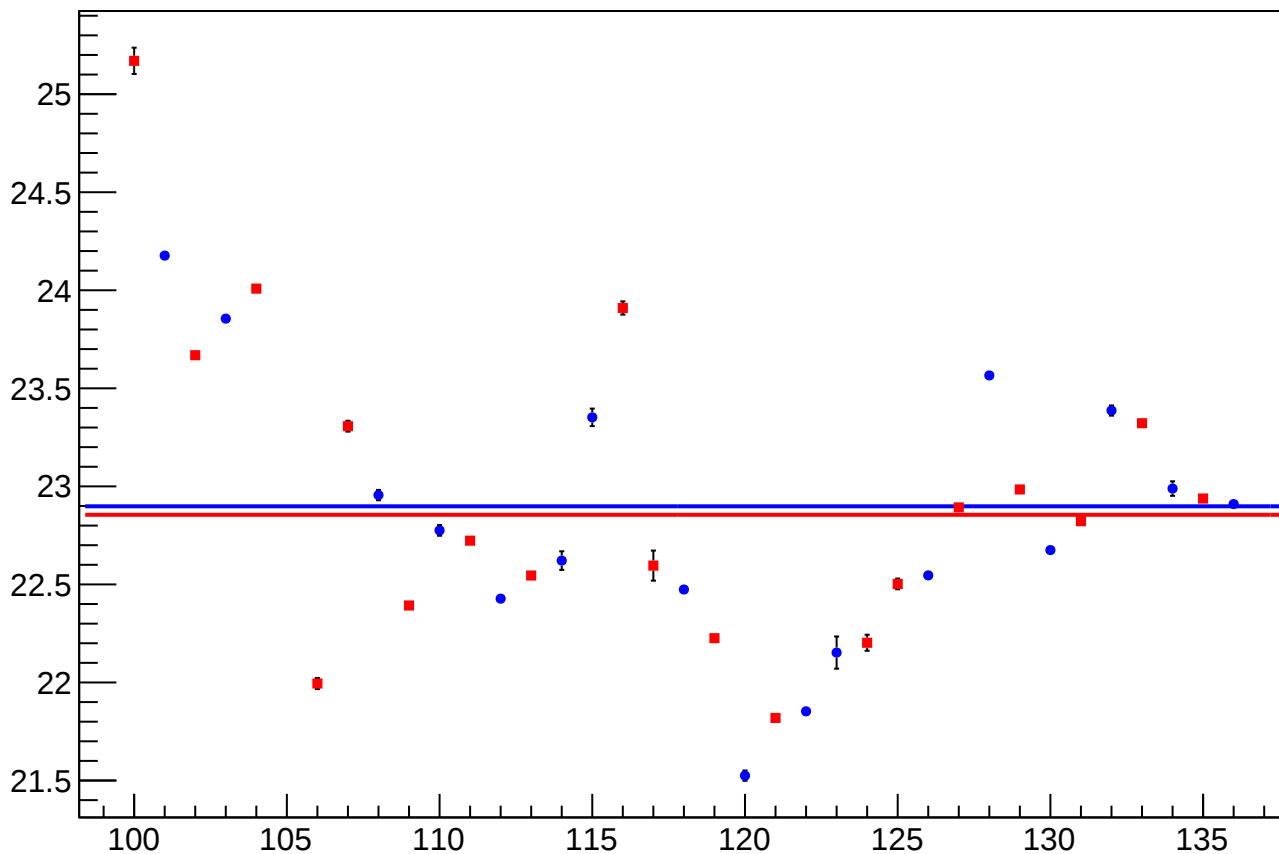
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.158 ± 8.826 χ^2/NDF : 18.1/16

9.535 ± 6.173 χ^2/NDF : 35.3/35

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: 22.898 $\pm$ 0.006 χ^2 /NDF: 12143.3/16

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

Right Out: 22.855 $\pm$ 0.006 χ^2 /NDF: 10950.1/18

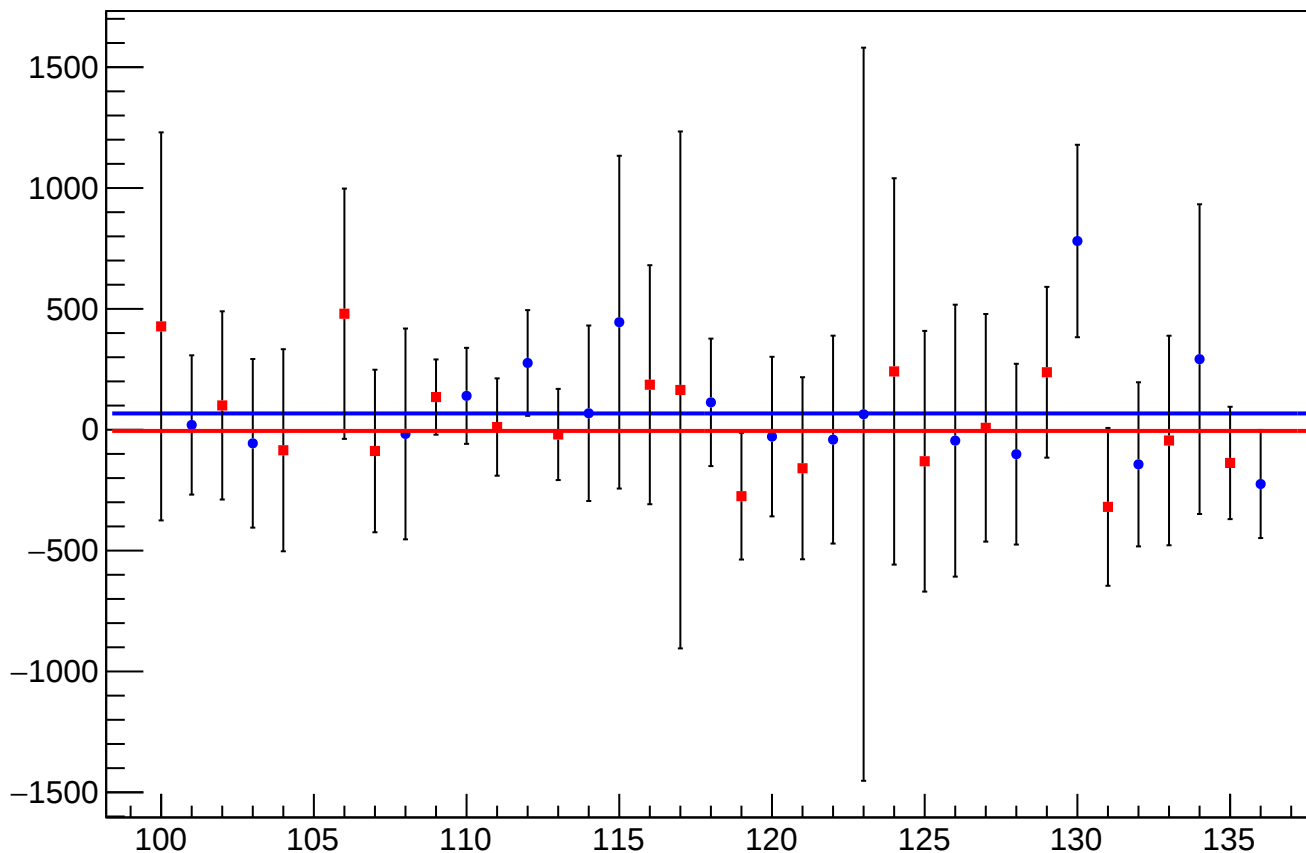
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.898 $\pm$ 0.006 χ^2 /NDF: 12143.3/16

22.876 $\pm$ 0.004 χ^2 /NDF: 23118.0/35

22.855 $\pm$ 0.006 χ^2 /NDF: 10950.1/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.449+/-79.404 χ^2/NDF : 7.4/16

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

Right Out: -4.824+/-71.103 χ^2/NDF : 5.4/18

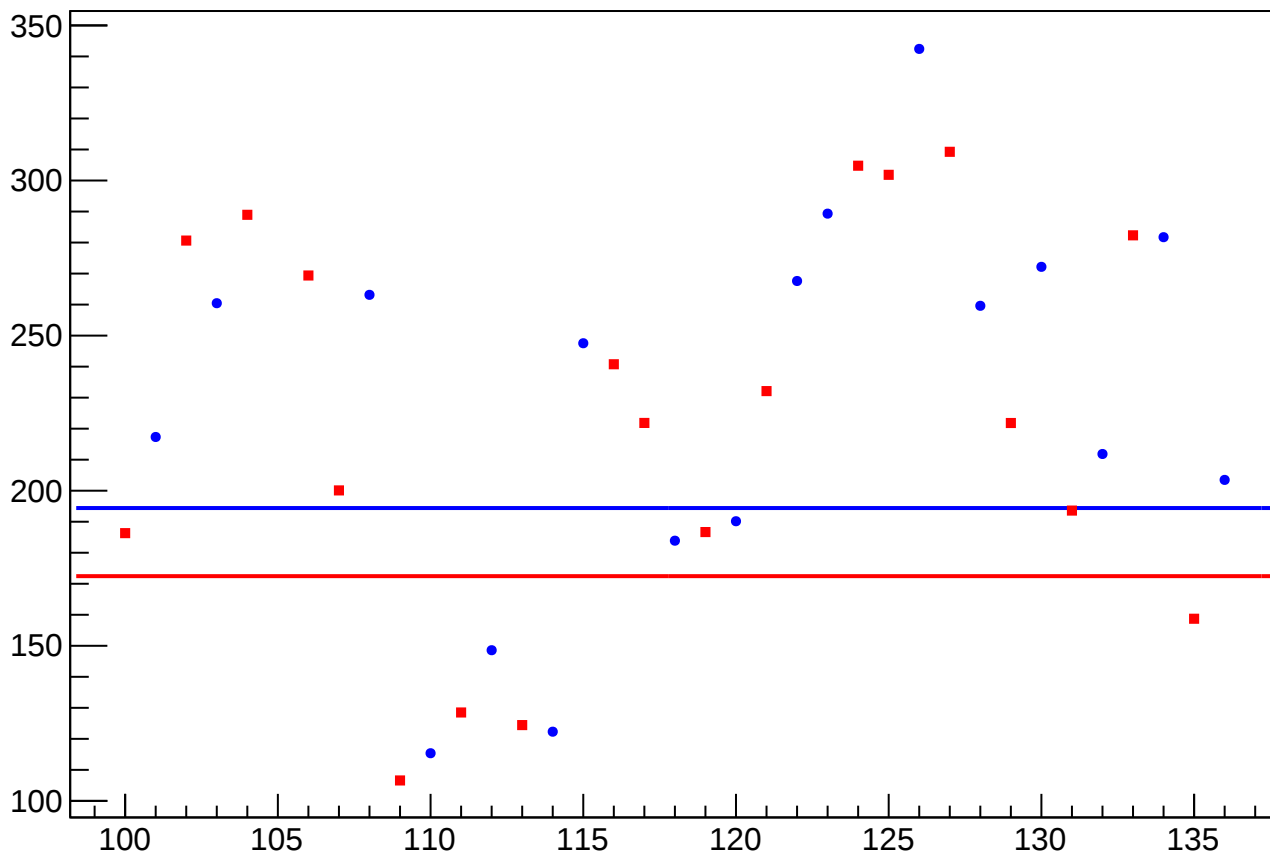
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.449+/-79.404 χ^2/NDF : 7.4/16

27.339+/-52.970 χ^2/NDF : 13.3/35

-4.824+/-71.103 χ^2/NDF : 5.4/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.411 ± 0.056 $\chi^2/\text{NDF}: 1019913.2/16$

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

Right Out: 172.452 ± 0.050 $\chi^2/\text{NDF}: 1597181.8/18$

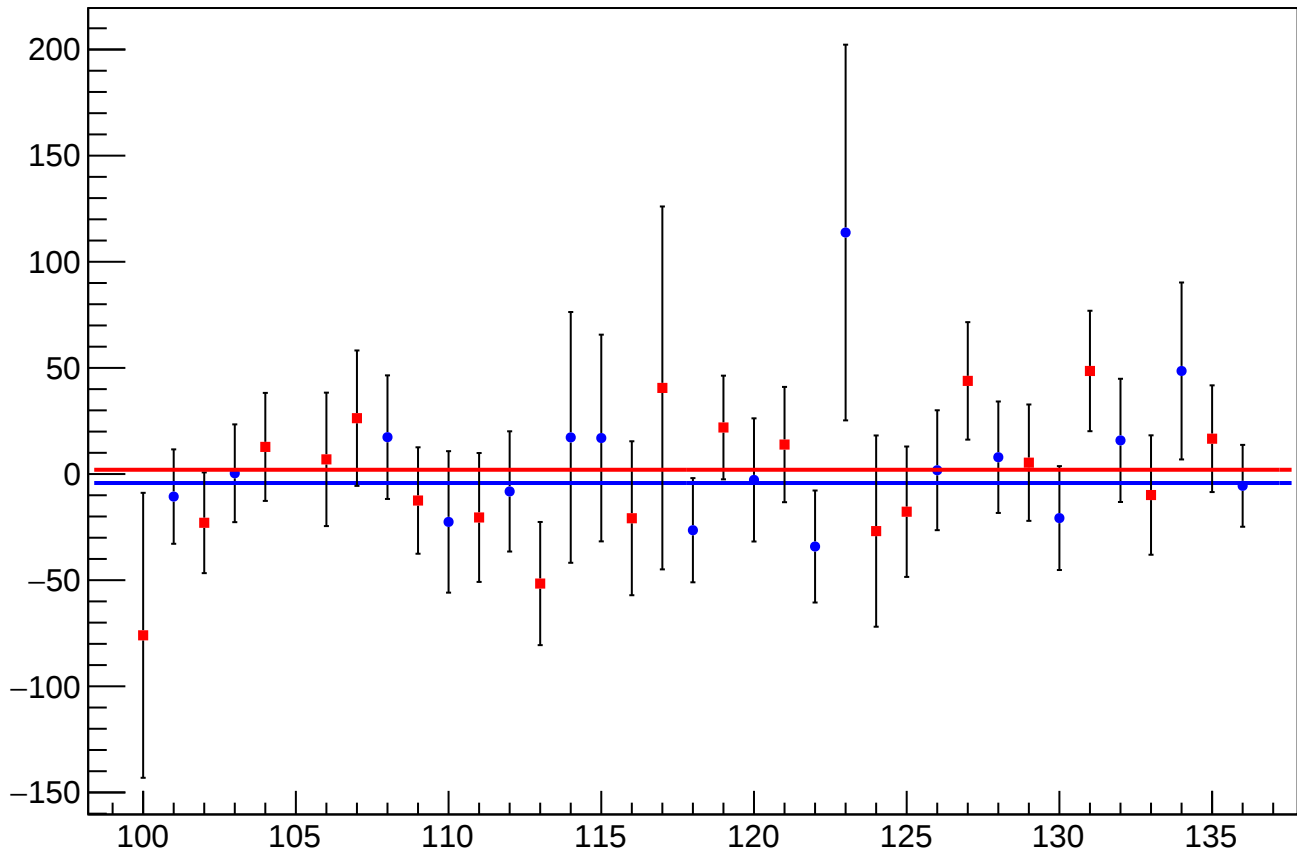
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

194.411 ± 0.056 $\chi^2/\text{NDF}: 1019913.2/16$

182.224 ± 0.037 $\chi^2/\text{NDF}: 2701981.5/35$

172.452 ± 0.050 $\chi^2/\text{NDF}: 1597181.8/18$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.223+/-6.871 χ^2/NDF : 8.0/16

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

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

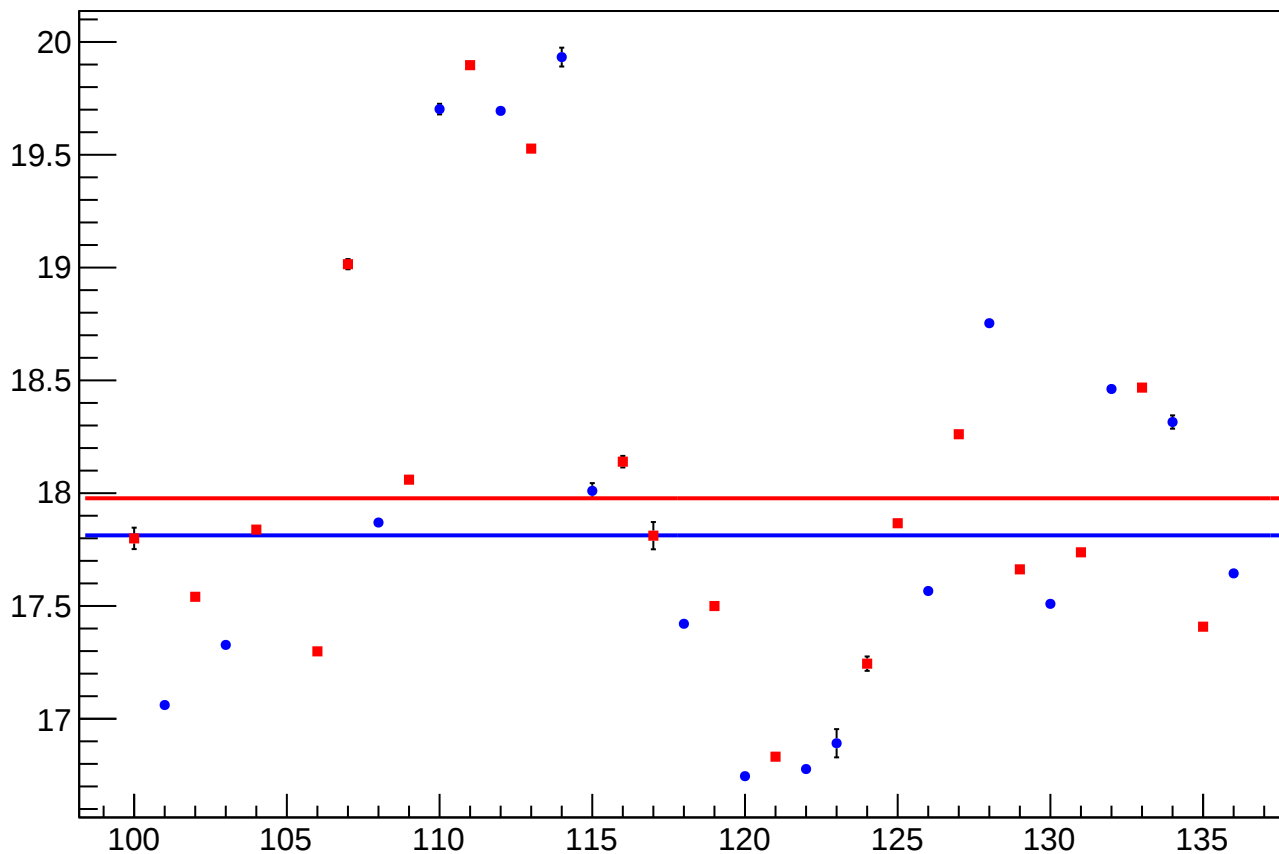
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.223+/-6.871 χ^2/NDF : 8.0/16

-1.073+/-4.834 χ^2/NDF : 23.8/35

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: 17.813+/-0.005 χ^2 /NDF: 32034.8/16

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

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

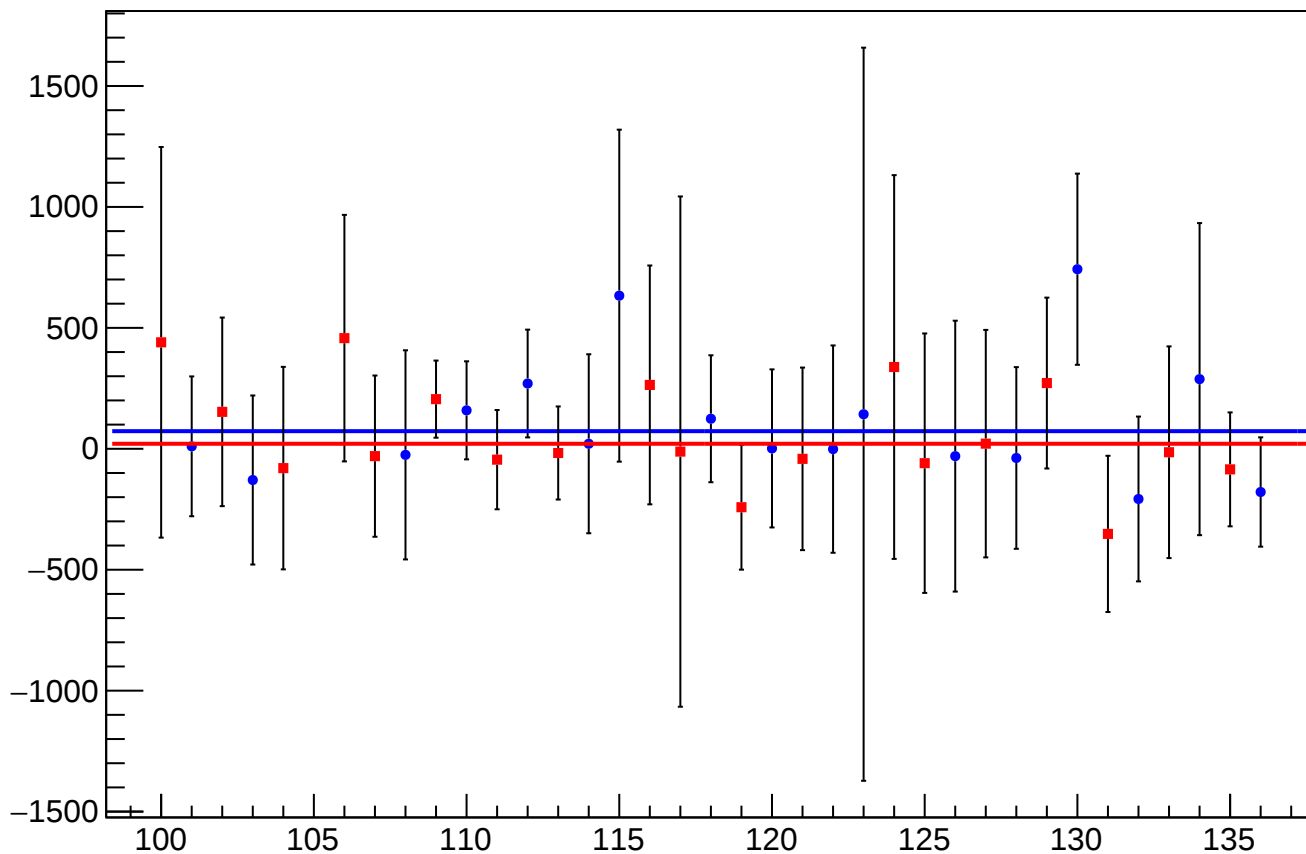
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.813+/-0.005 χ^2 /NDF: 32034.8/16

17.896+/-0.003 χ^2 /NDF: 57314.9/35

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: 72.888+/-79.948 χ^2/NDF : 7.2/16

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

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

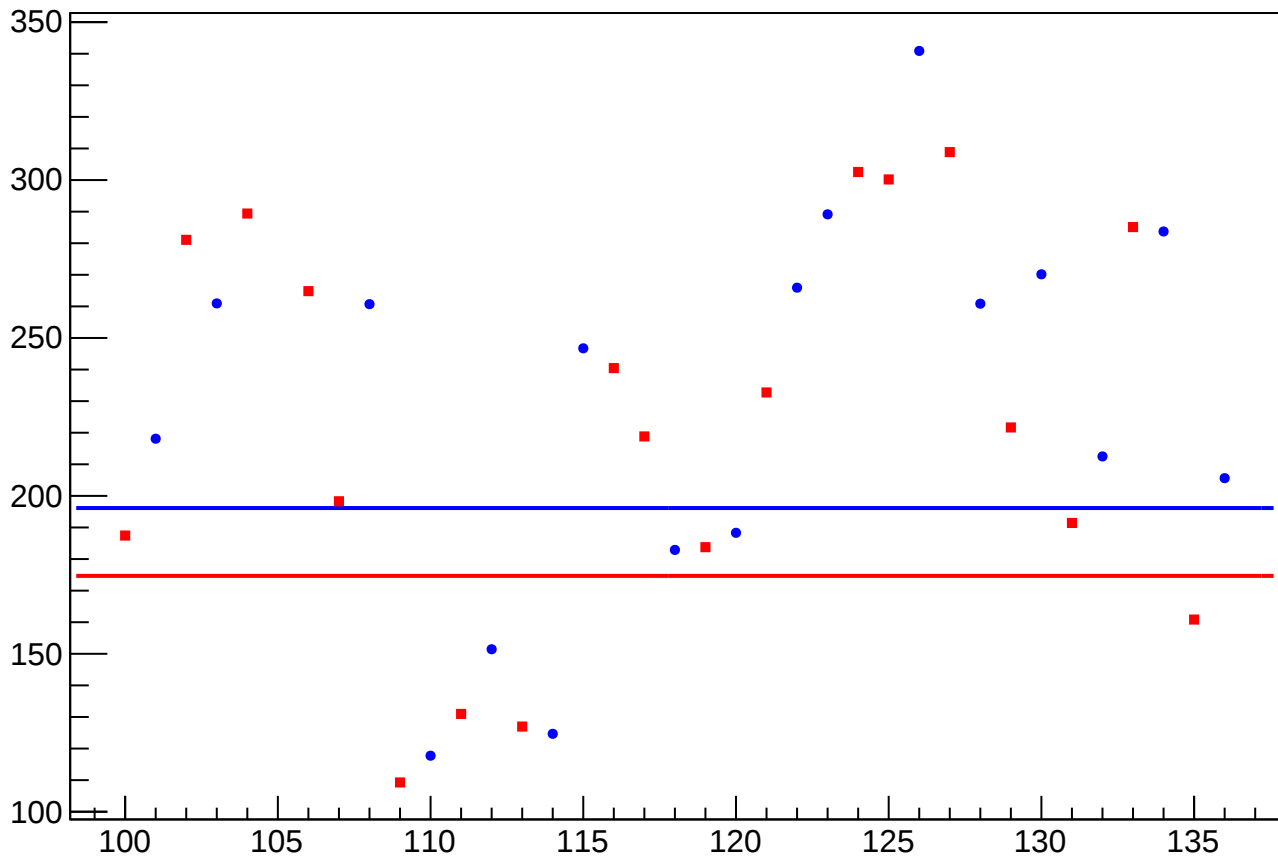
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.888+/-79.948 χ^2/NDF : 7.2/16

44.018+/-53.401 χ^2/NDF : 13.7/35

20.762+/-71.755 χ^2/NDF : 6.2/18

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.151+/-0.057 χ^2/NDF : 964998.4/16

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

Right Out: 174.671+/-0.051 χ^2/NDF : 1510647.4/18

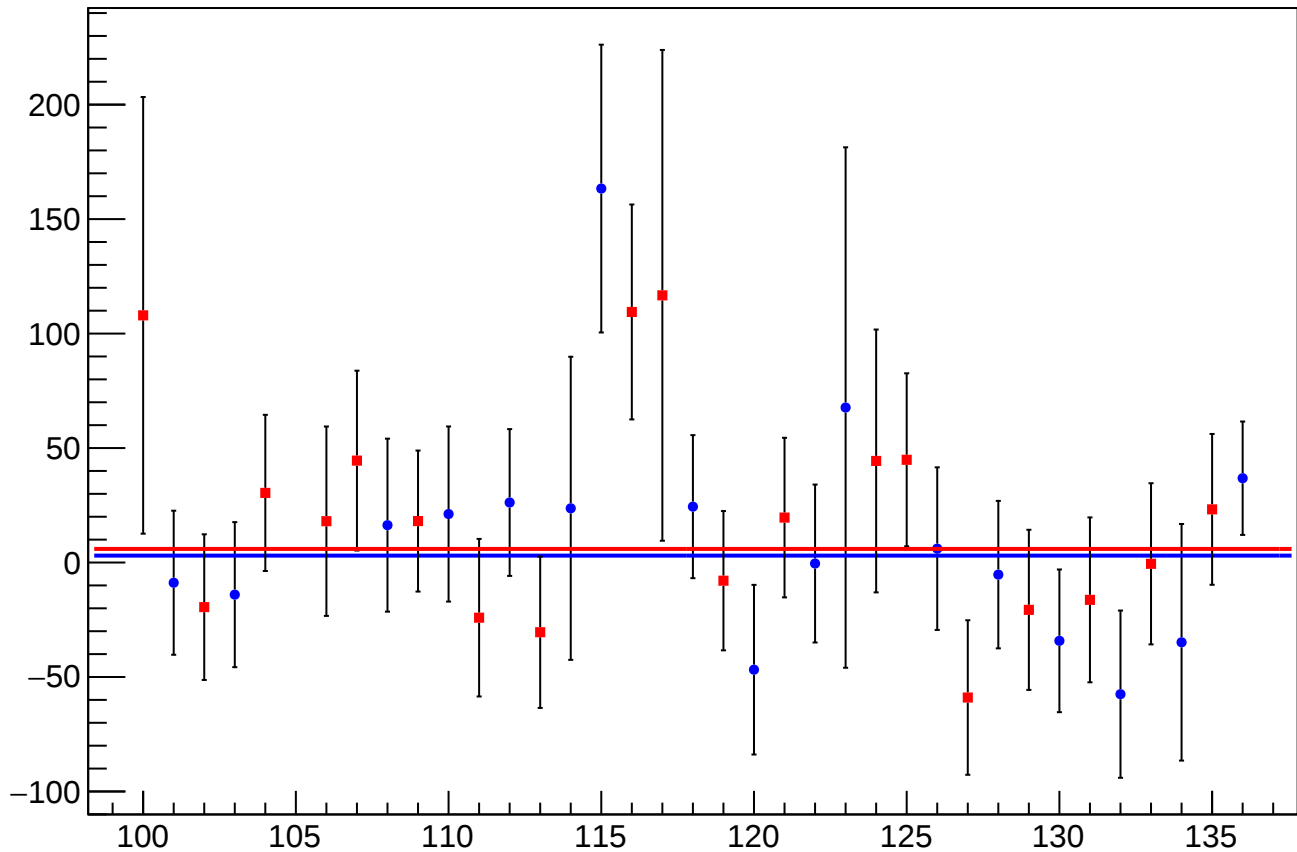
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.151+/-0.057 χ^2/NDF : 964998.4/16

184.254+/-0.038 χ^2/NDF : 2555603.4/35

174.671+/-0.051 χ^2/NDF : 1510647.4/18

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.022+/-8.751 χ^2/NDF : 17.2/16

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

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

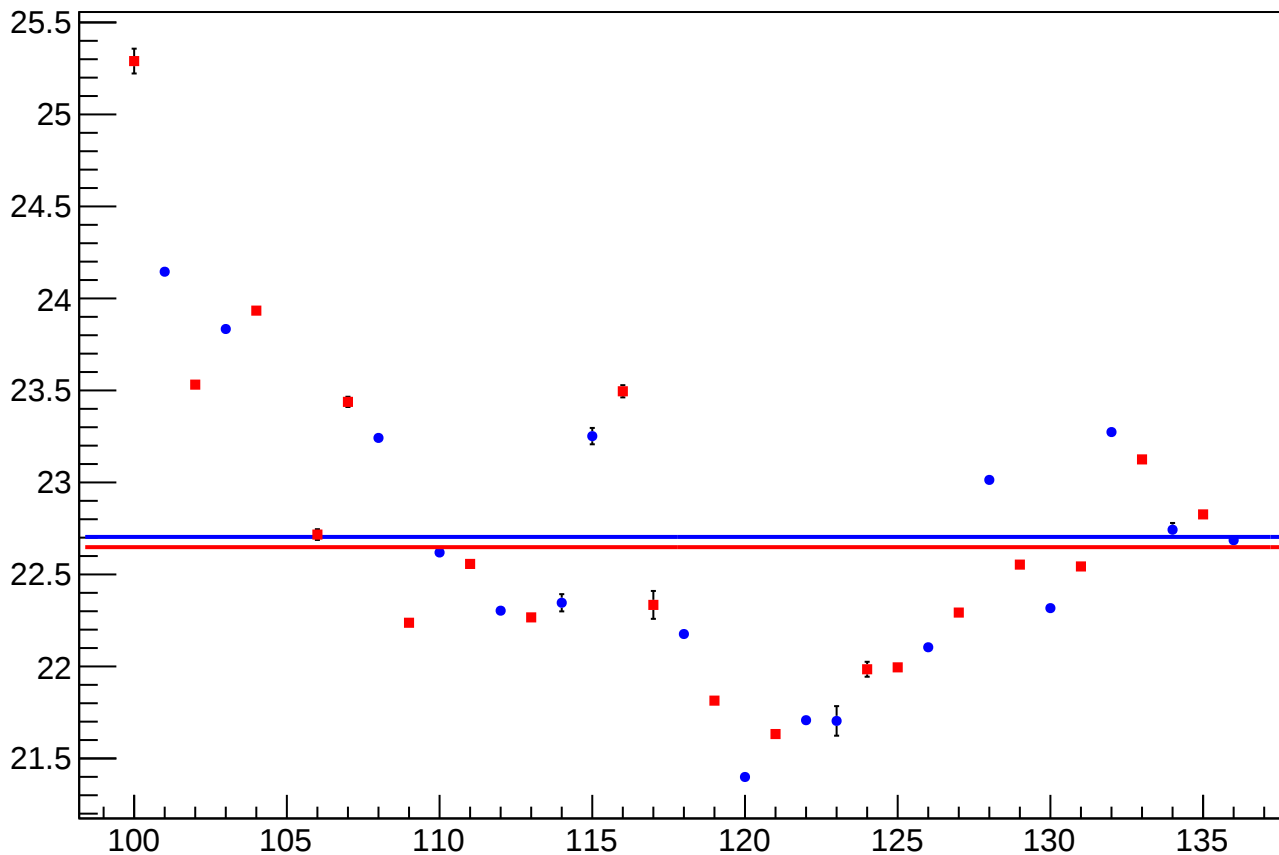
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.022+/-8.751 χ^2/NDF : 17.2/16

4.514+/-6.119 χ^2/NDF : 35.5/35

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: 22.704 ± 0.006 $\chi^2/\text{NDF}: 14105.8/16$

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

Right Out: 22.648 ± 0.006 $\chi^2/\text{NDF}: 12783.2/18$

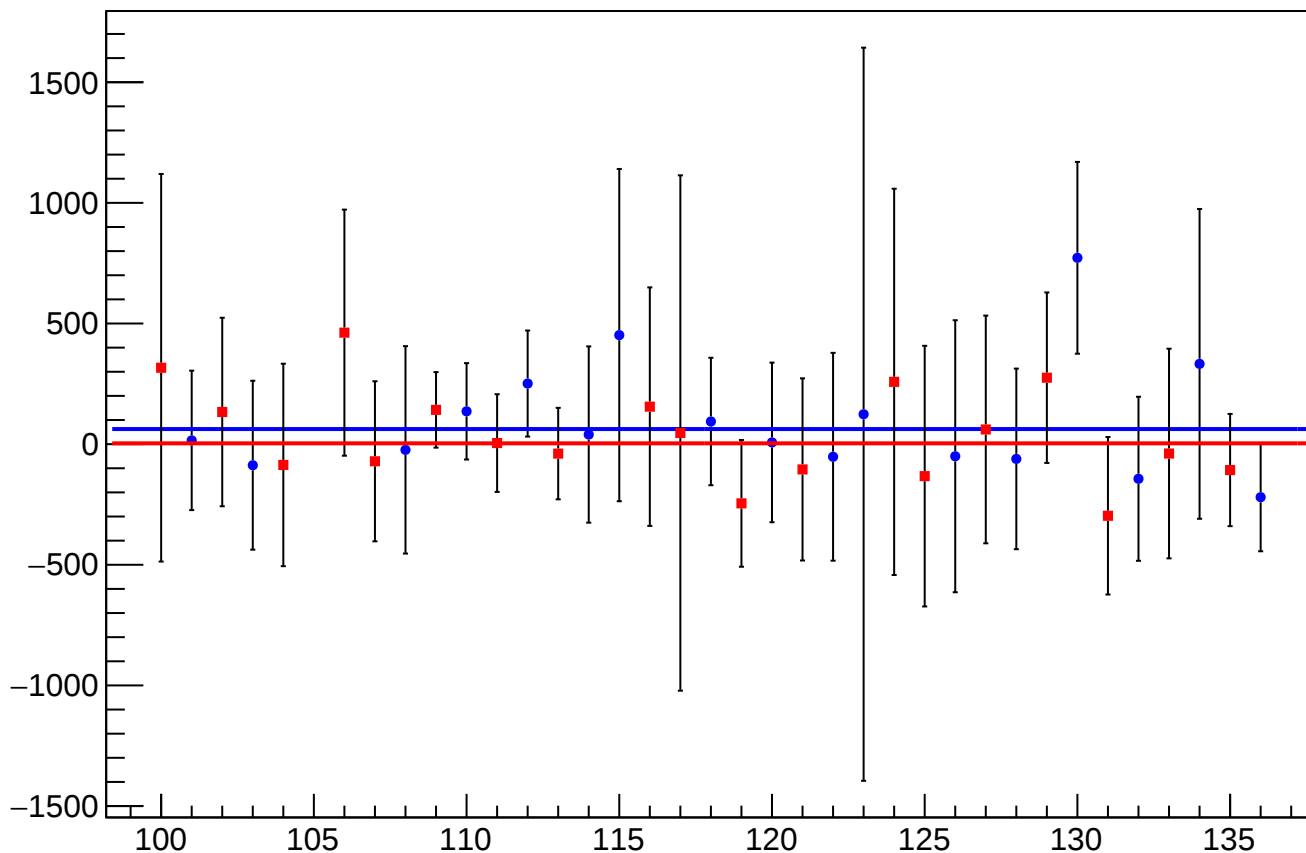
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

22.704 ± 0.006 $\chi^2/\text{NDF}: 14105.8/16$

22.675 ± 0.004 $\chi^2/\text{NDF}: 26930.2/35$

22.648 ± 0.006 $\chi^2/\text{NDF}: 12783.2/18$

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 62.573+/-79.605 χ^2/NDF : 7.0/16

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

Right Out: 3.353+/-71.265 χ^2/NDF : 4.9/18

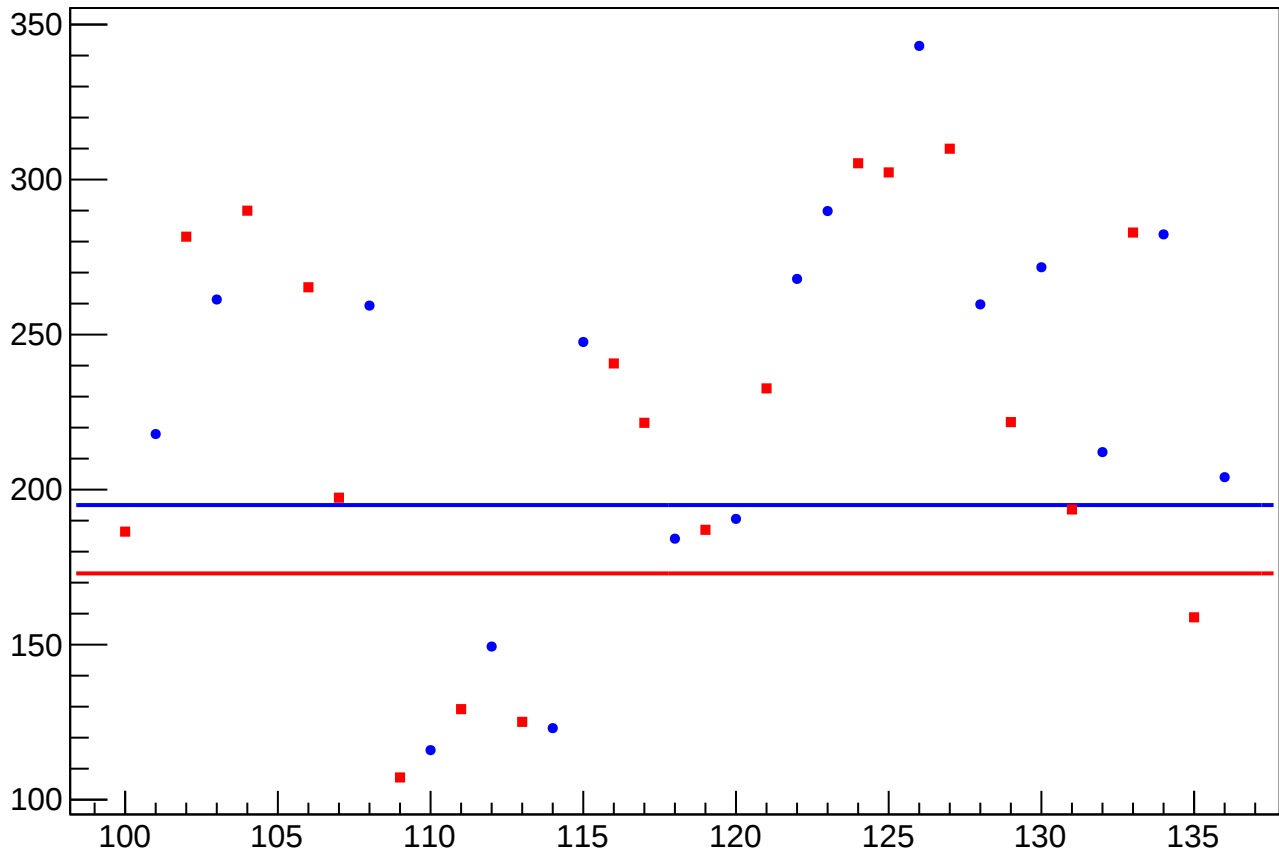
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.573+/-79.605 χ^2/NDF : 7.0/16

29.700+/-53.097 χ^2/NDF : 12.3/35

3.353+/-71.265 χ^2/NDF : 4.9/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.022+/-0.056 χ^2/NDF : 1004284.9/16

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

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

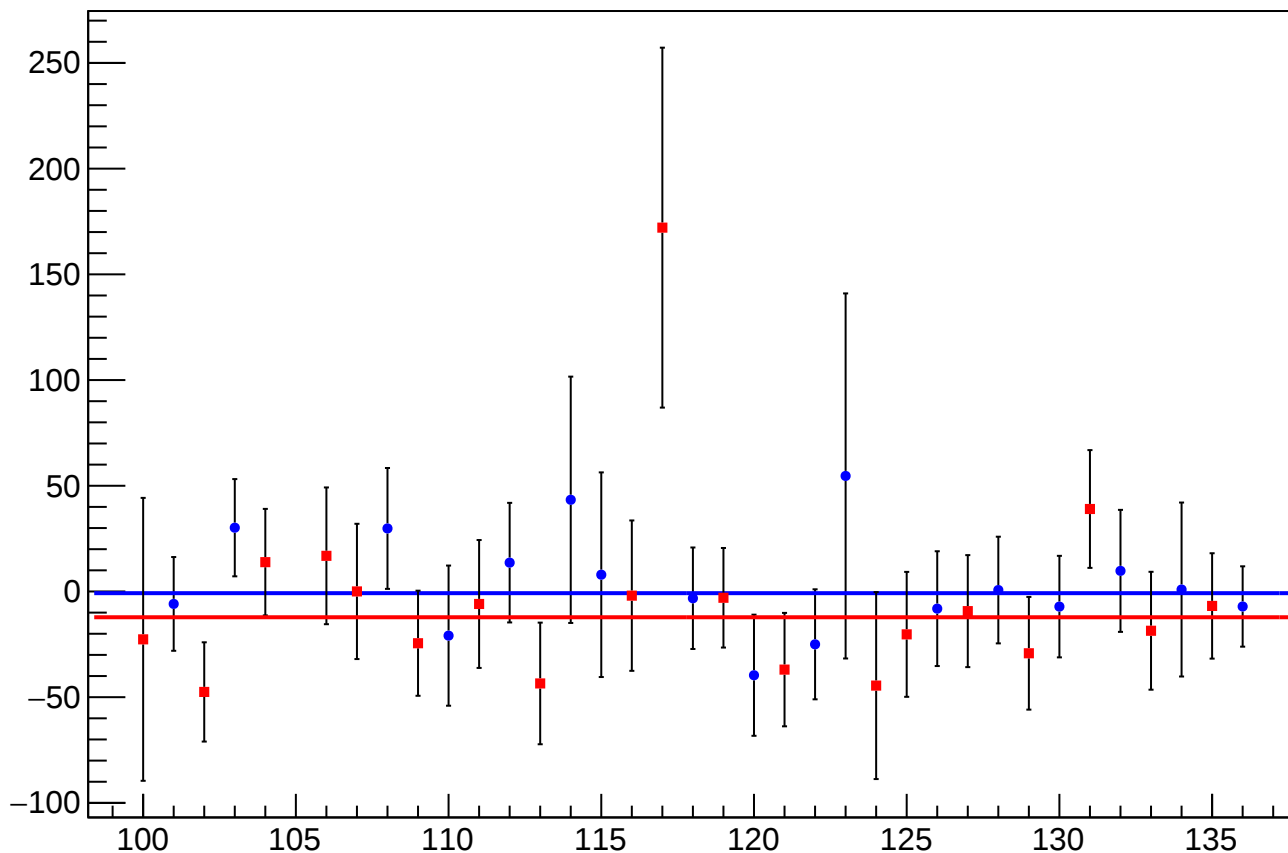
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.022+/-0.056 χ^2/NDF : 1004284.9/16

182.787+/-0.038 χ^2/NDF : 2667901.9/35

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: -0.801±6.770 χ^2/NDF : 7.8/16

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -12.195±6.702 χ^2/NDF : 16.1/18

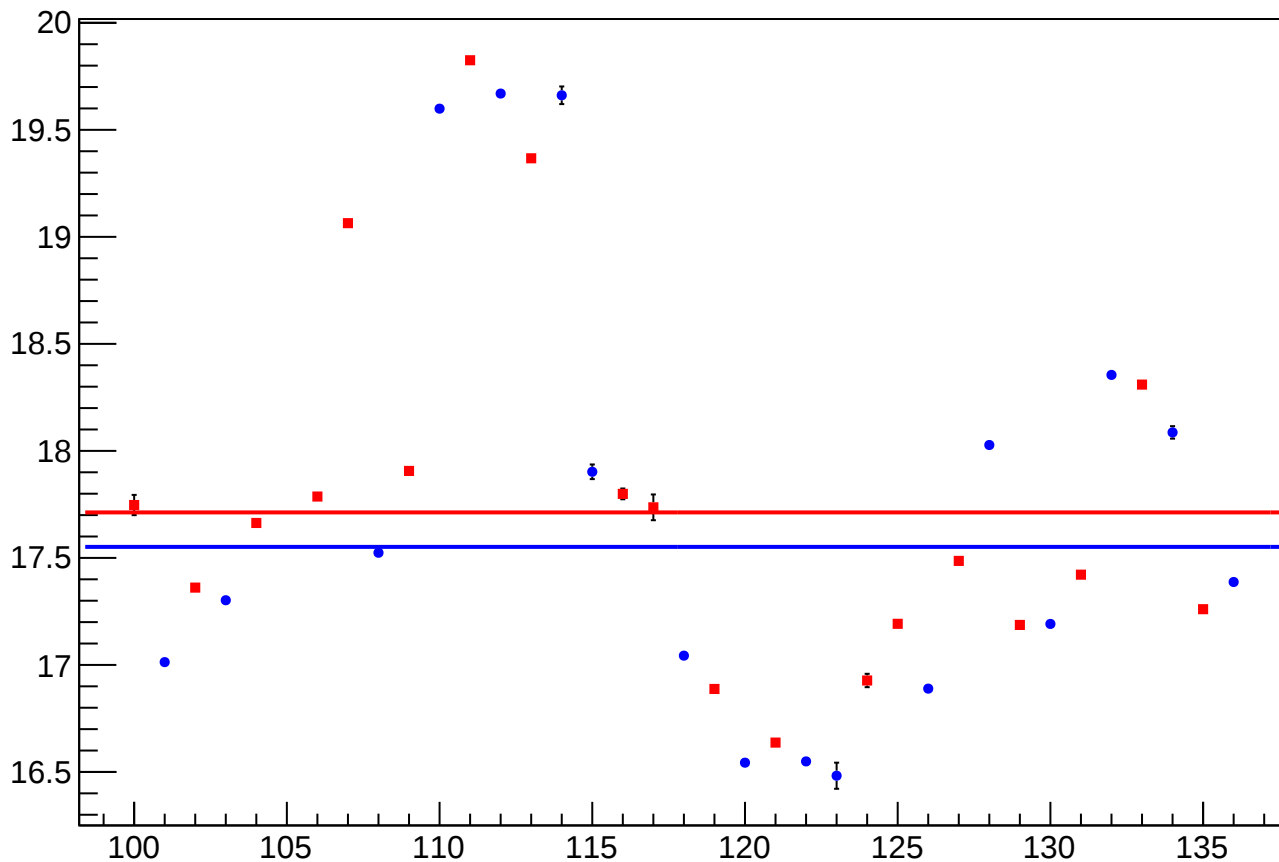
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

-0.801±6.770 χ^2/NDF : 7.8/16

-6.555±4.763 χ^2/NDF : 25.3/35

-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: 17.552+/-0.005 χ^2/NDF : 34027.1/16

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

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

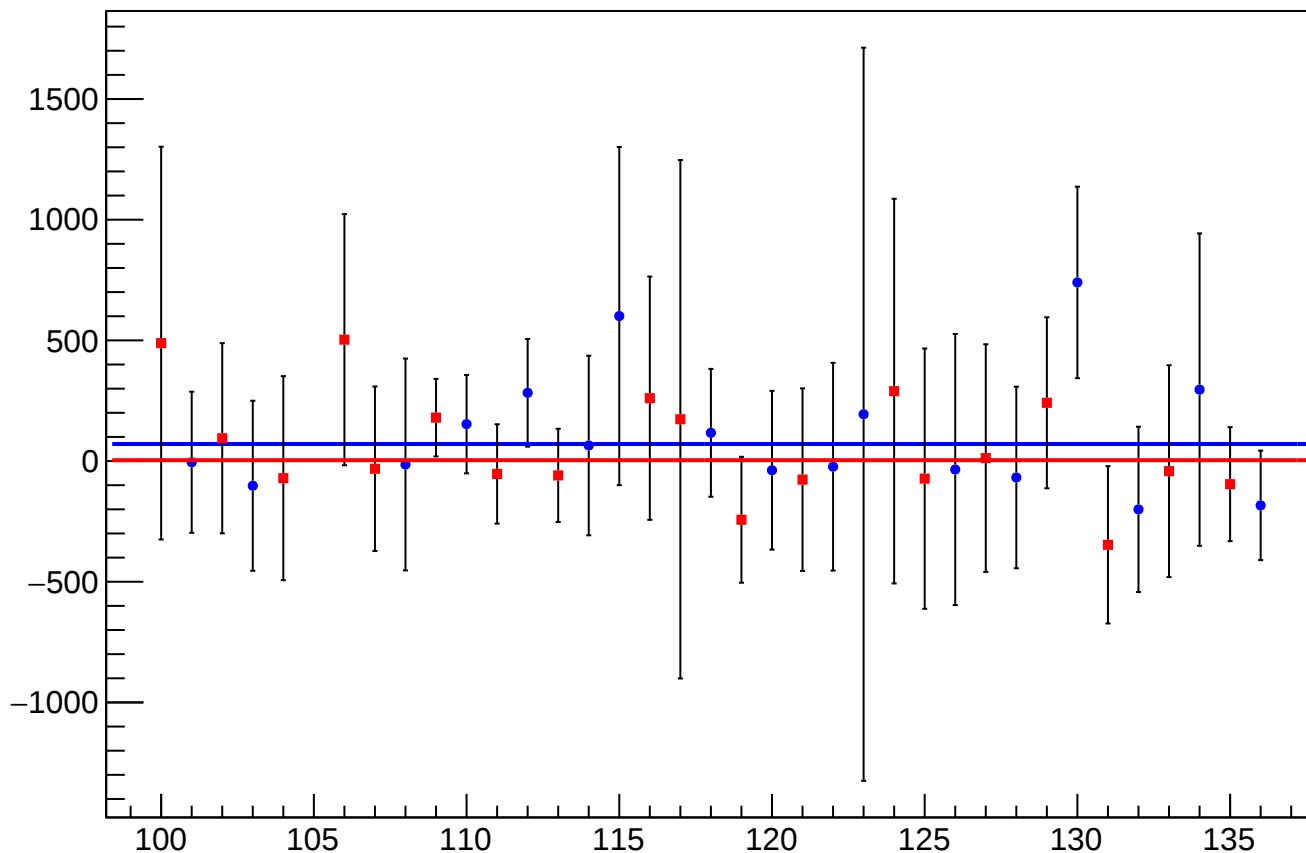
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.552+/-0.005 χ^2/NDF : 34027.1/16

17.633+/-0.003 χ^2/NDF : 64777.0/35

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: 70.634+/-80.409 χ^2/NDF : 7.2/16

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

Right Out: 3.626+/-72.266 χ^2/NDF : 5.9/18

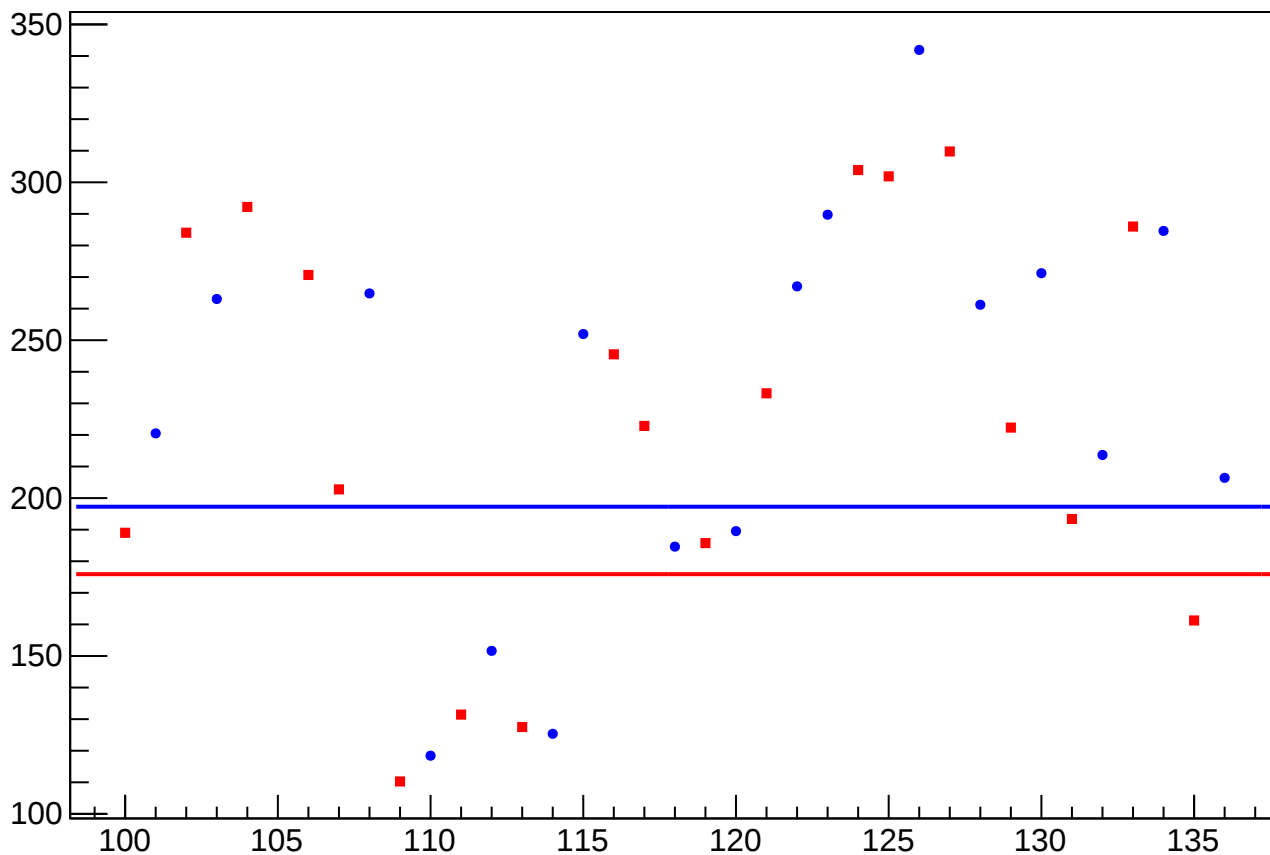
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.634+/-80.409 χ^2/NDF : 7.2/16

33.566+/-53.749 χ^2/NDF : 13.5/35

3.626+/-72.266 χ^2/NDF : 5.9/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.271+/-0.057 χ^2/NDF : 969549.7/16

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

Right Out: 175.907+/-0.051 χ^2/NDF : 1519978.5/18

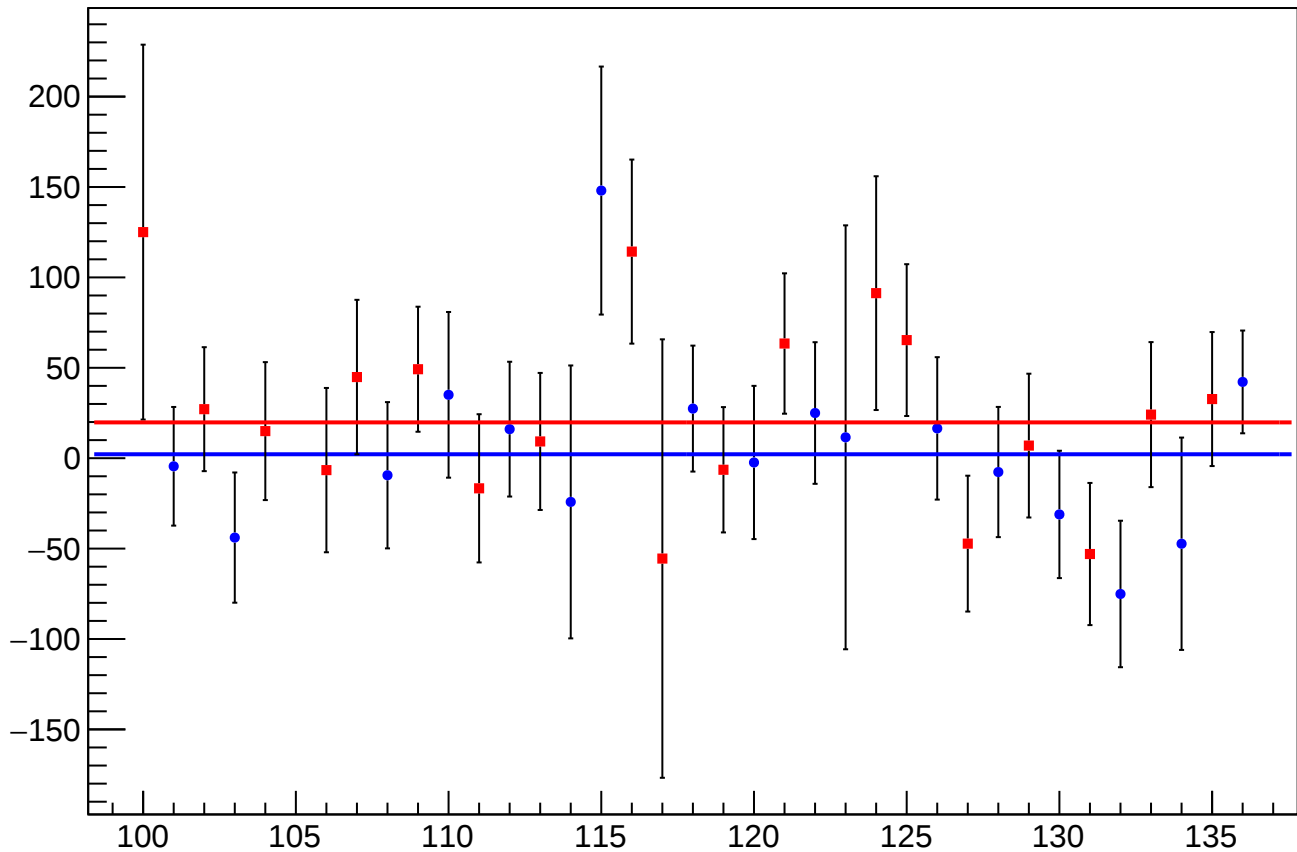
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.271+/-0.057 χ^2/NDF : 969549.7/16

185.453+/-0.038 χ^2/NDF : 2567627.9/35

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: 2.178+/-9.825 χ^2/NDF : 15.4/16

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

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

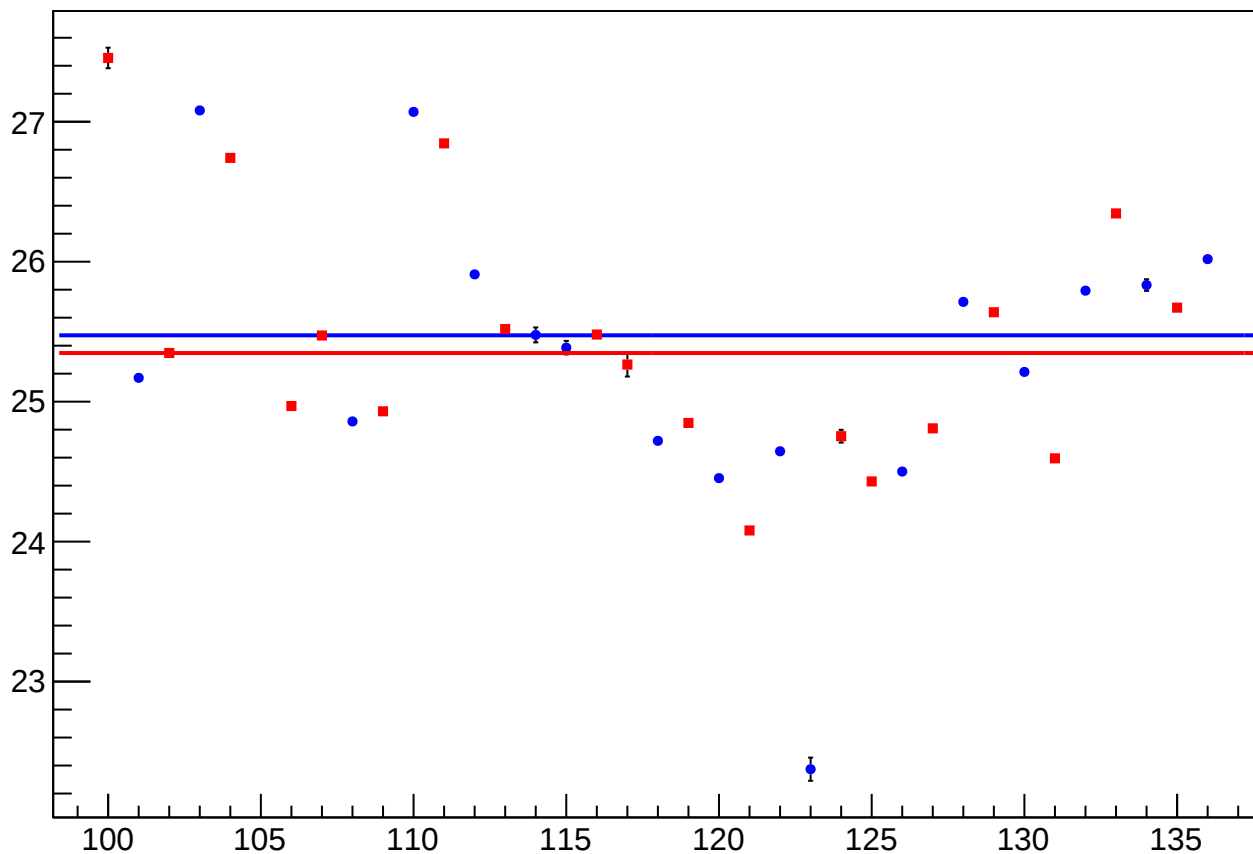
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.178+/-9.825 χ^2/NDF : 15.4/16

11.208+/-6.861 χ^2/NDF : 35.3/35

19.804+/-9.585 χ^2/NDF : 18.3/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.474+/-0.007 χ^2/NDF : 14061.2/16

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

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

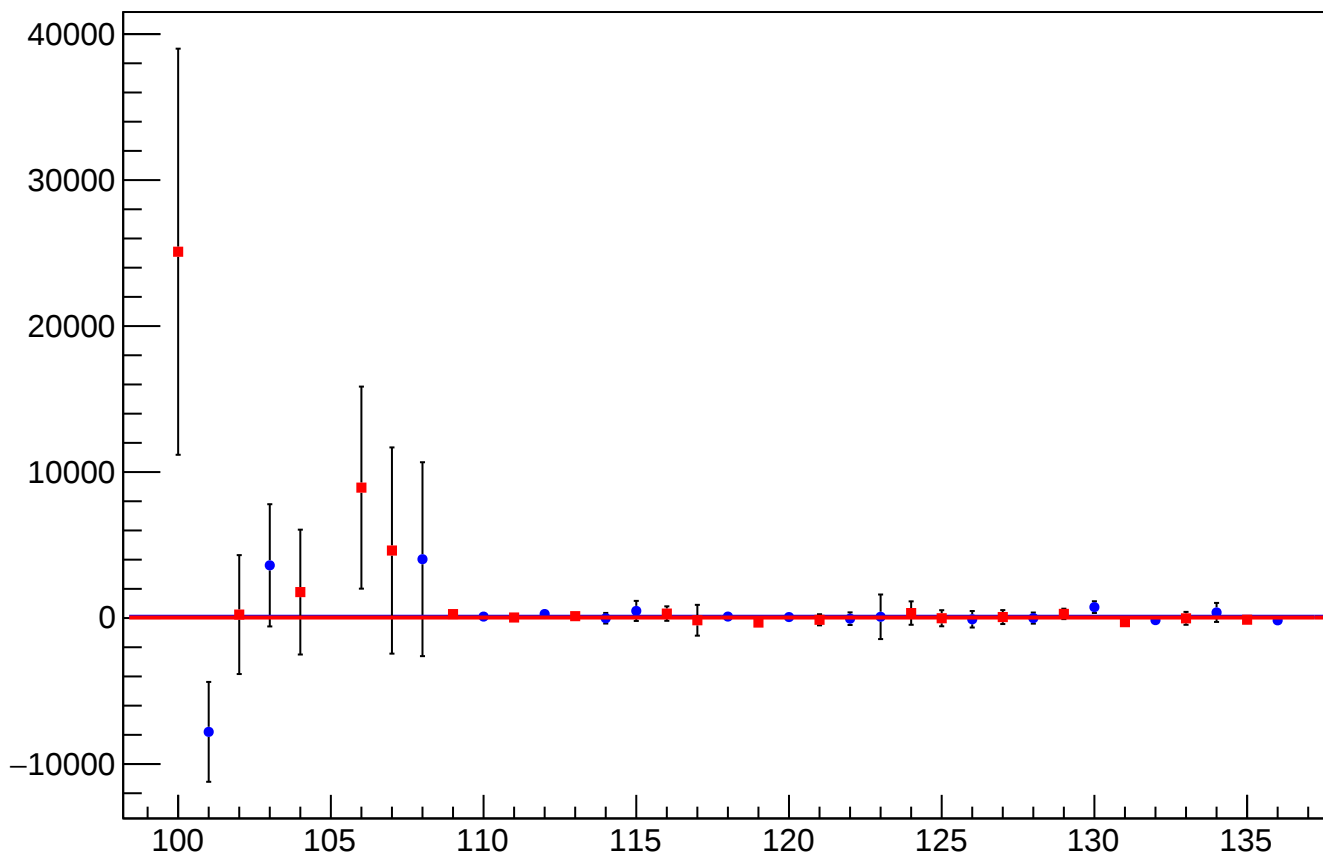
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.474+/-0.007 χ^2/NDF : 14061.2/16

25.409+/-0.005 χ^2/NDF : 27214.7/35

25.347+/-0.007 χ^2/NDF : 12983.8/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.619+/-87.630 χ^2/NDF : 12.3/16

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

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

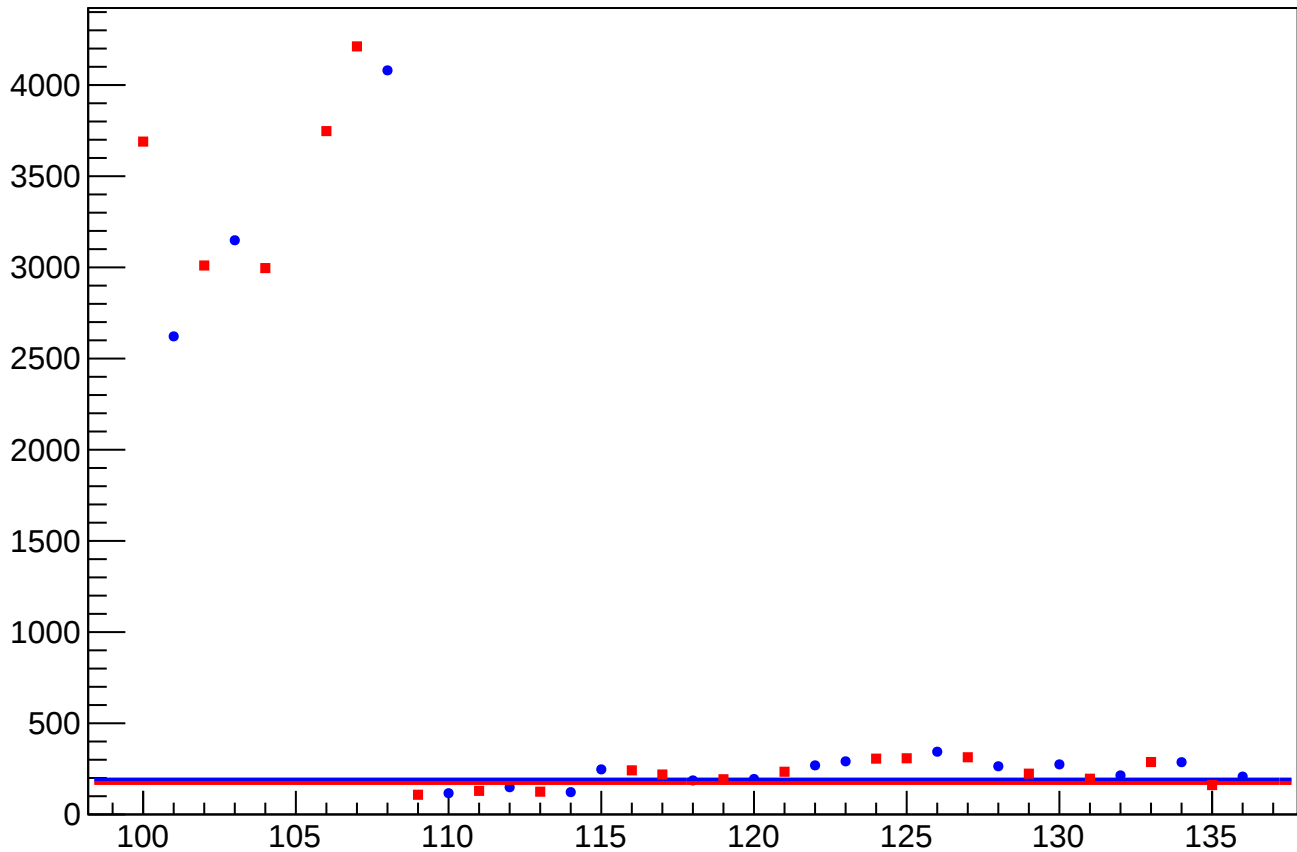
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.619+/-87.630 χ^2/NDF : 12.3/16

60.711+/-59.862 χ^2/NDF : 23.5/35

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: 191.190+/-0.062 χ^2/NDF : 3571747.5/16

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

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

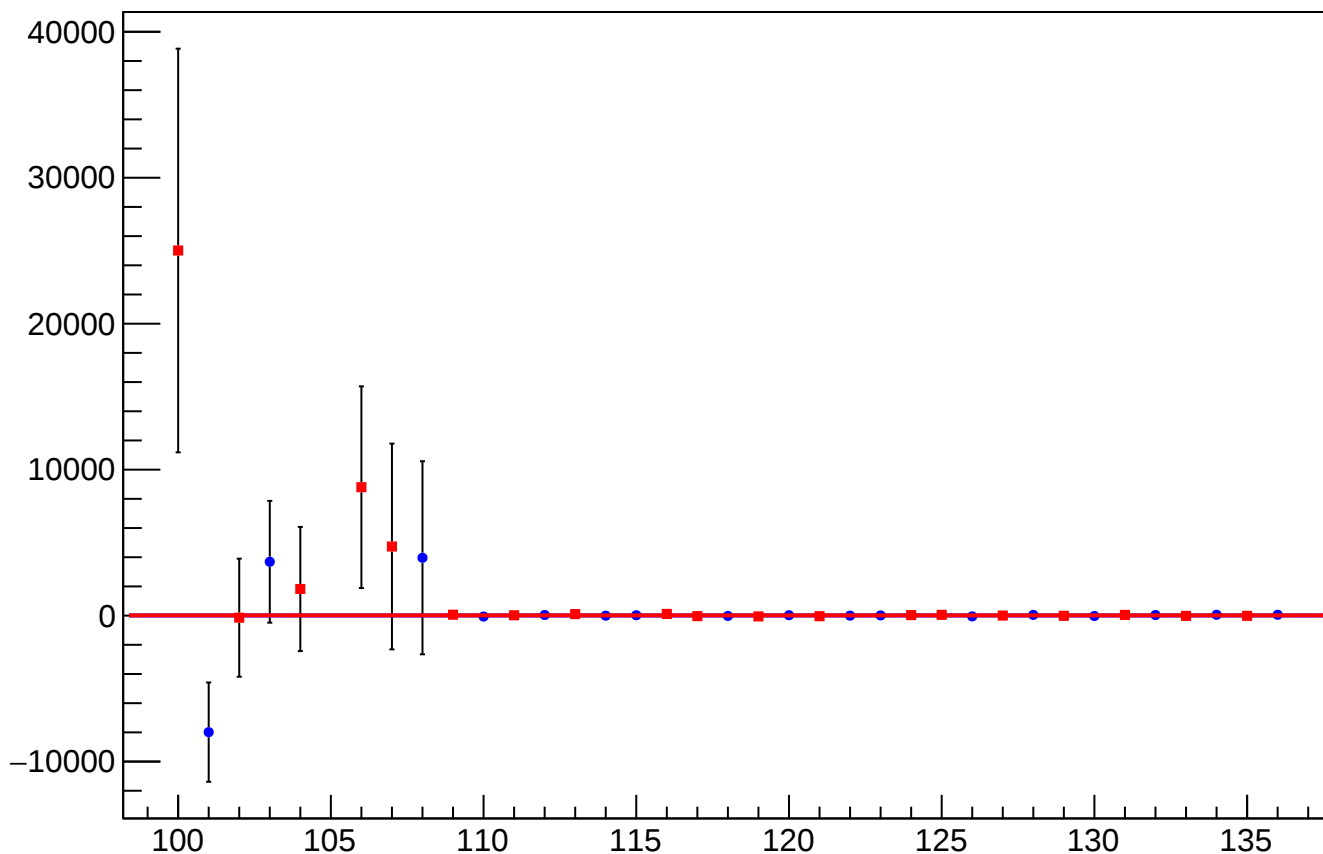
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.190+/-0.062 χ^2/NDF : 3571747.5/16

181.368+/-0.042 χ^2/NDF : 7824305.4/35

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: 10.398+/-12.190 χ^2/NDF : 18.3/16

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

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

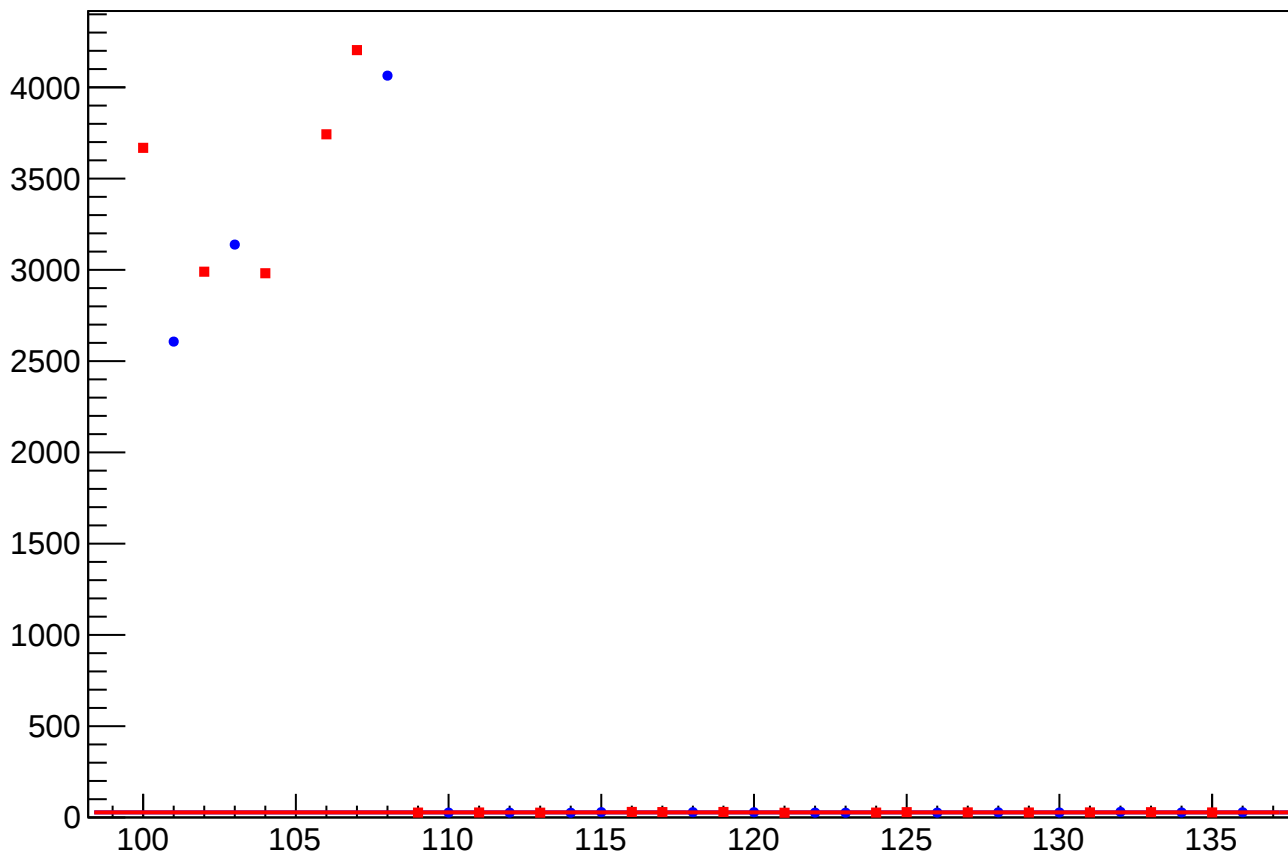
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.398+/-12.190 χ^2/NDF : 18.3/16

13.222+/-8.695 χ^2/NDF : 40.6/35

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: 27.837+/-0.009 χ^2 /NDF: 3026887.2/16

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

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

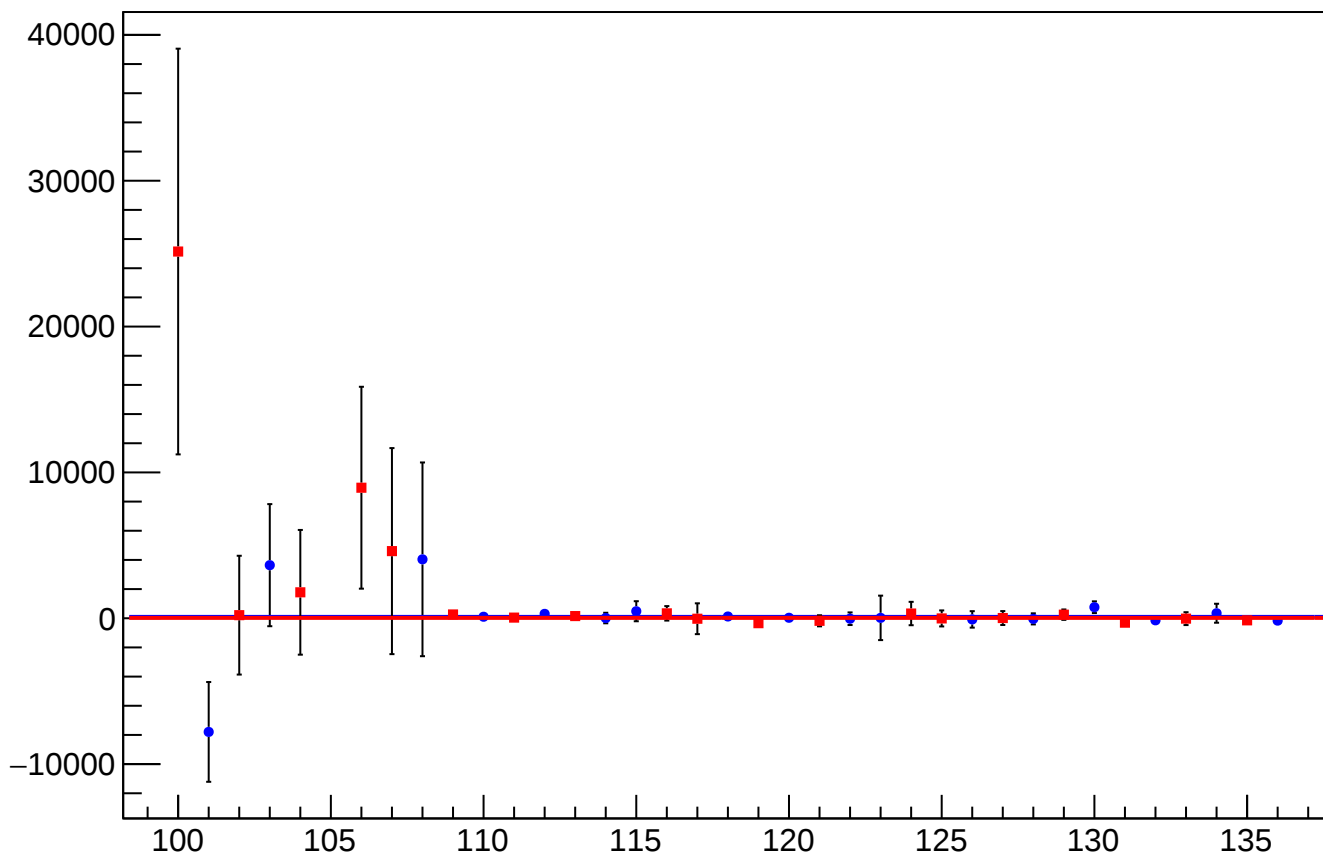
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.837+/-0.009 χ^2 /NDF: 3026887.2/16

27.769+/-0.006 χ^2 /NDF: 6504070.0/35

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: 92.840+/-87.359 χ^2/NDF : 12.6/16

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

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

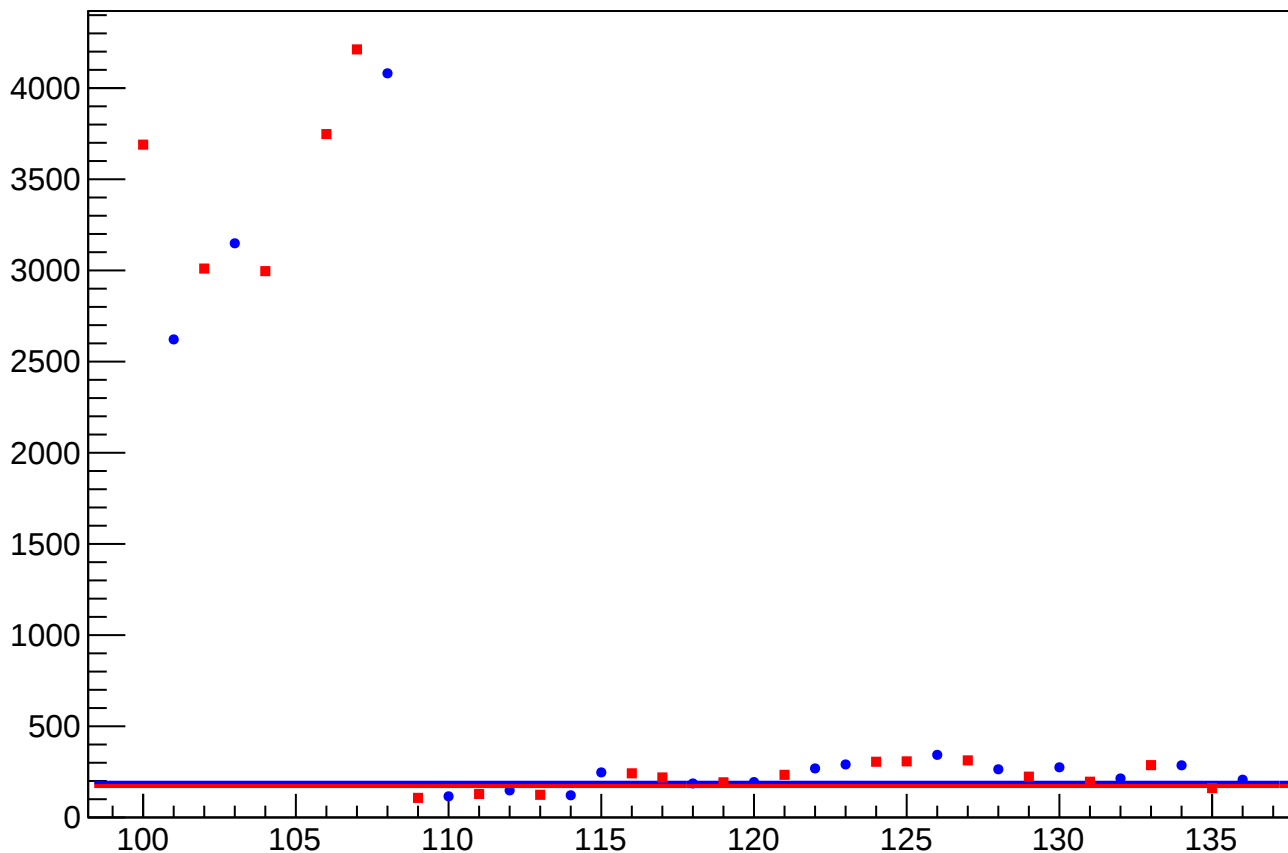
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.840+/-87.359 χ^2/NDF : 12.6/16

57.566+/-59.672 χ^2/NDF : 24.6/35

26.712+/-81.703 χ^2/NDF : 11.7/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.485+/-0.062 χ^2/NDF : 3583573.2/16

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

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

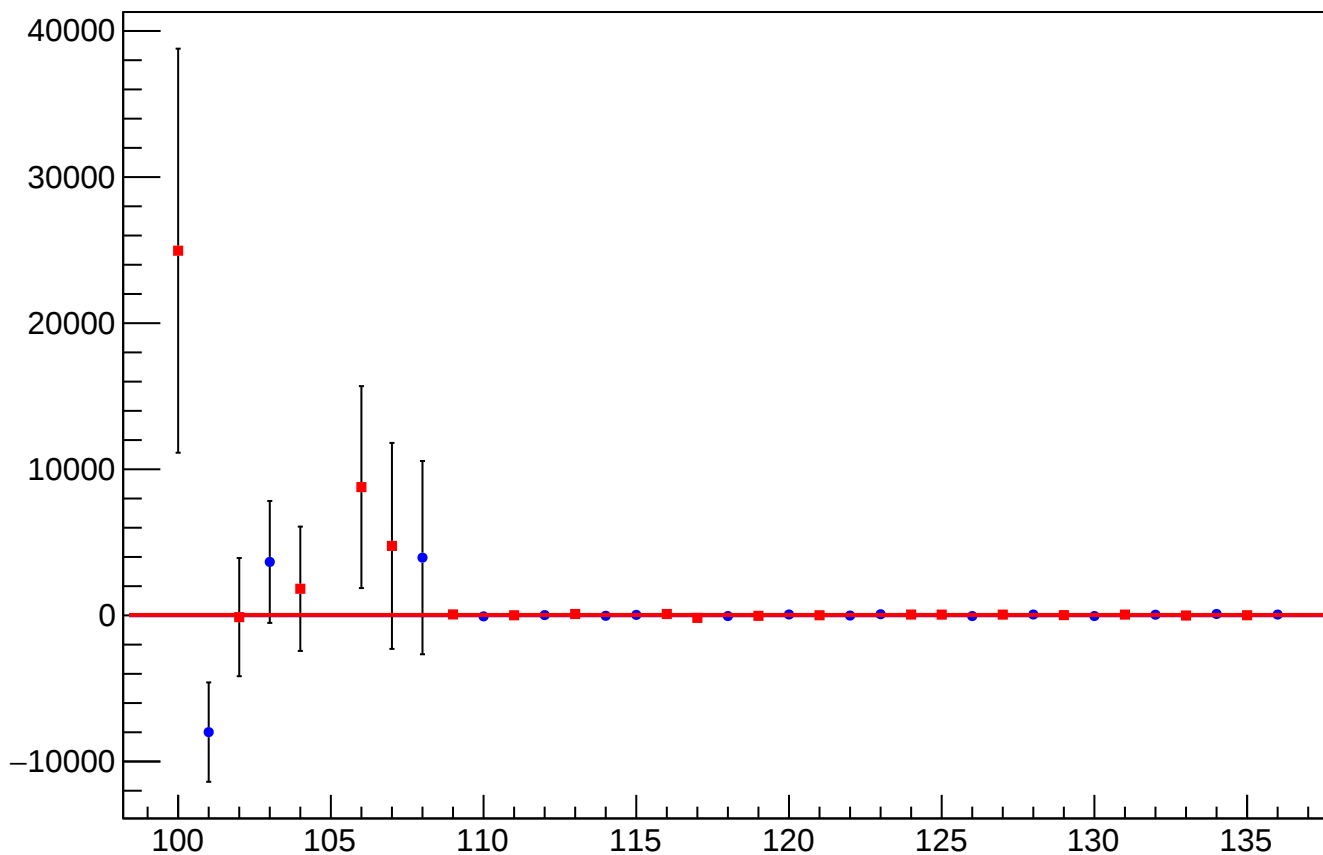
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.485+/-0.062 χ^2/NDF : 3583573.2/16

180.682+/-0.042 χ^2/NDF : 7847498.6/35

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: 9.600+/-12.273 χ^2 /NDF: 23.2/16

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

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

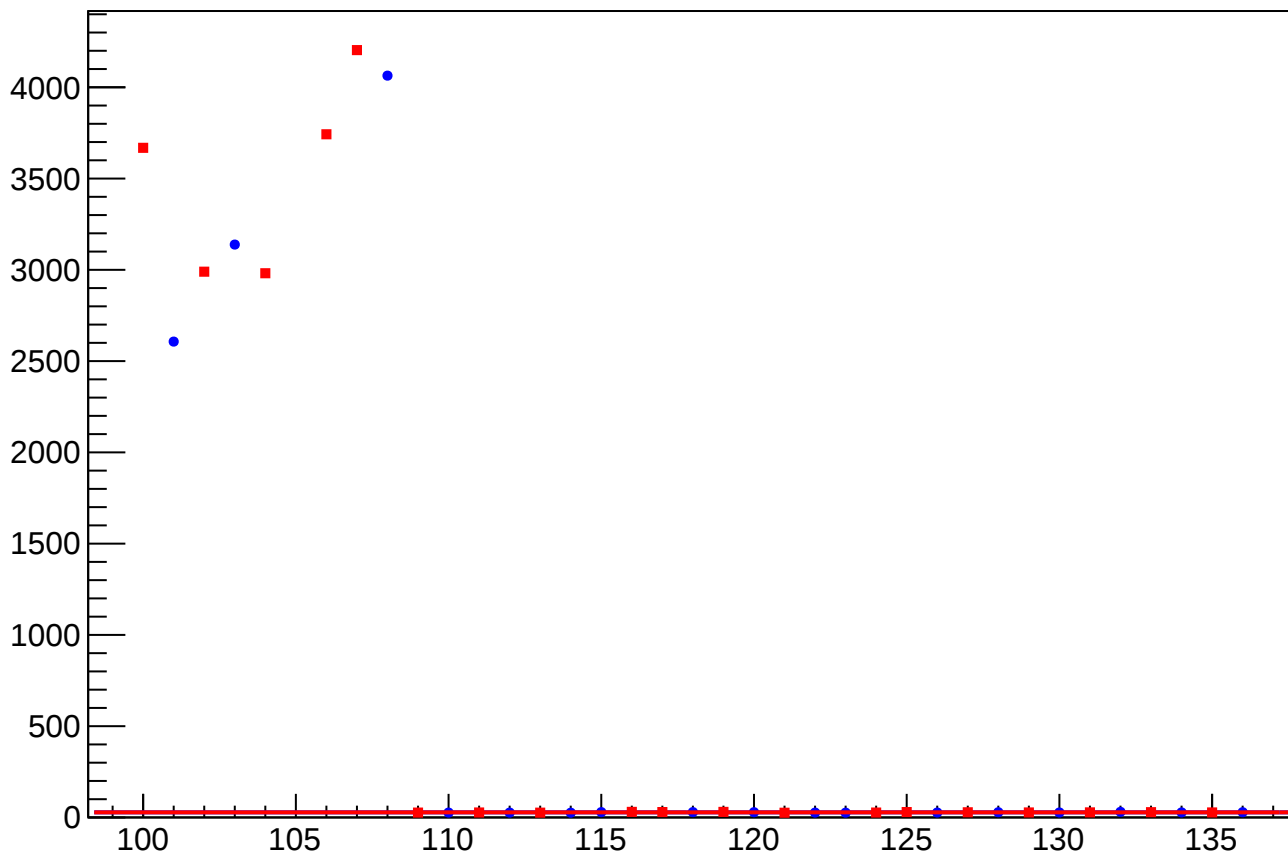
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

9.600+/-12.273 χ^2 /NDF: 23.2/16

20.257+/-8.761 χ^2 /NDF: 41.4/35

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: 28.023+/-0.009 χ^2 /NDF: 3027003.0/16

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

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

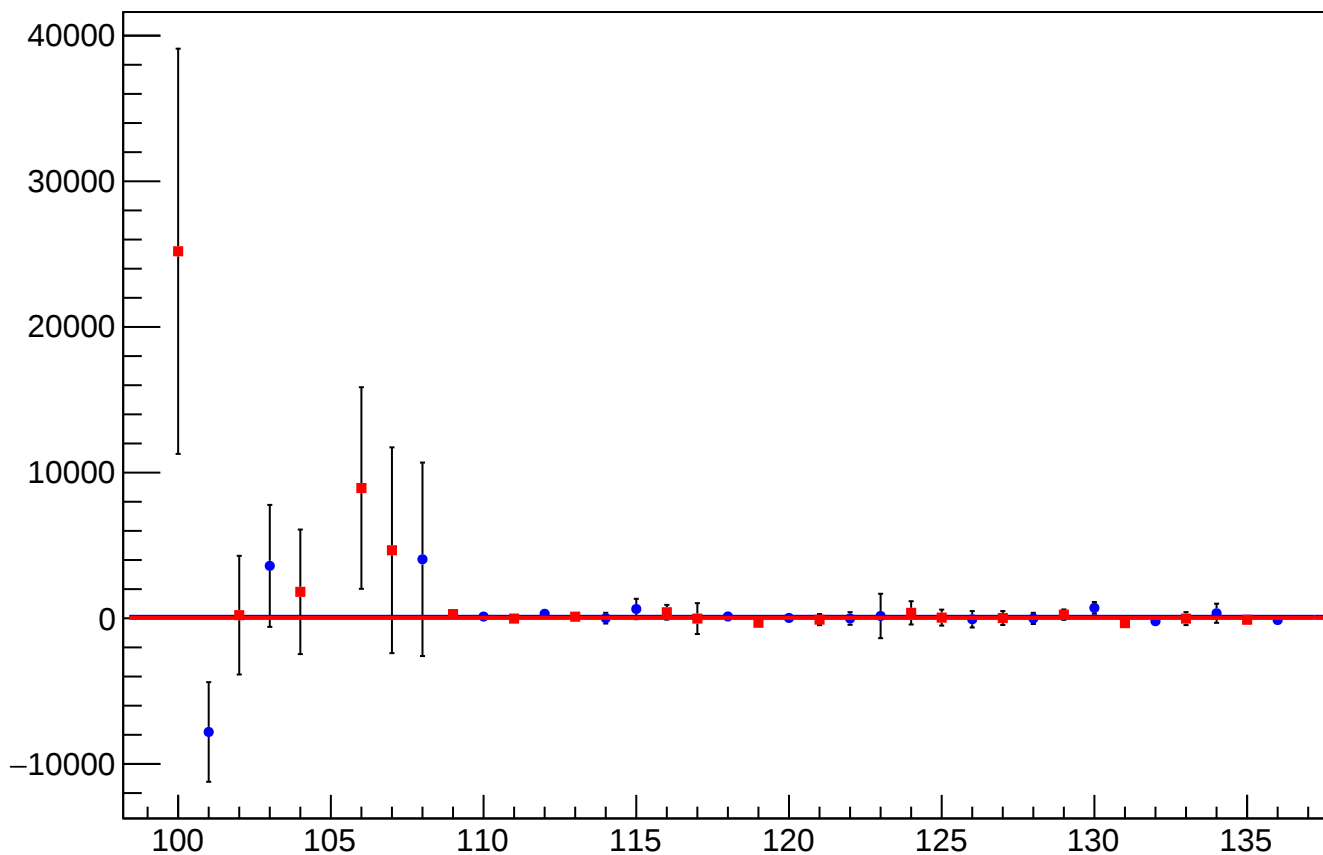
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

28.023+/-0.009 χ^2 /NDF: 3027003.0/16

27.974+/-0.006 χ^2 /NDF: 6506923.5/35

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: 101.772+/-88.390 χ^2/NDF : 12.4/16

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

Right Out: 24.012+/-82.797 χ^2/NDF : 11.5/18

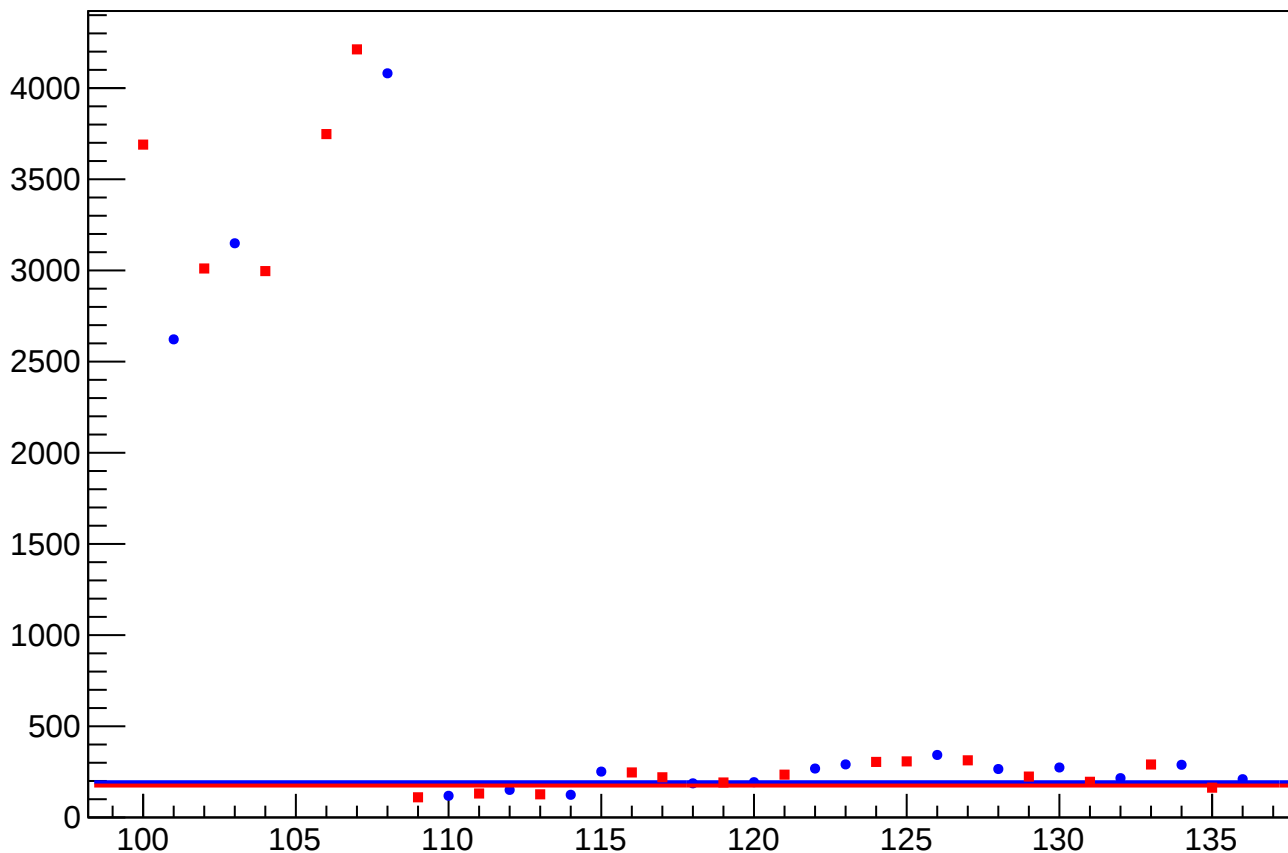
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

101.772+/-88.390 χ^2/NDF : 12.4/16

60.354+/-60.427 χ^2/NDF : 24.3/35

24.012+/-82.797 χ^2/NDF : 11.5/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.190+/-0.063 χ^2/NDF : 3536123.5/16

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

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

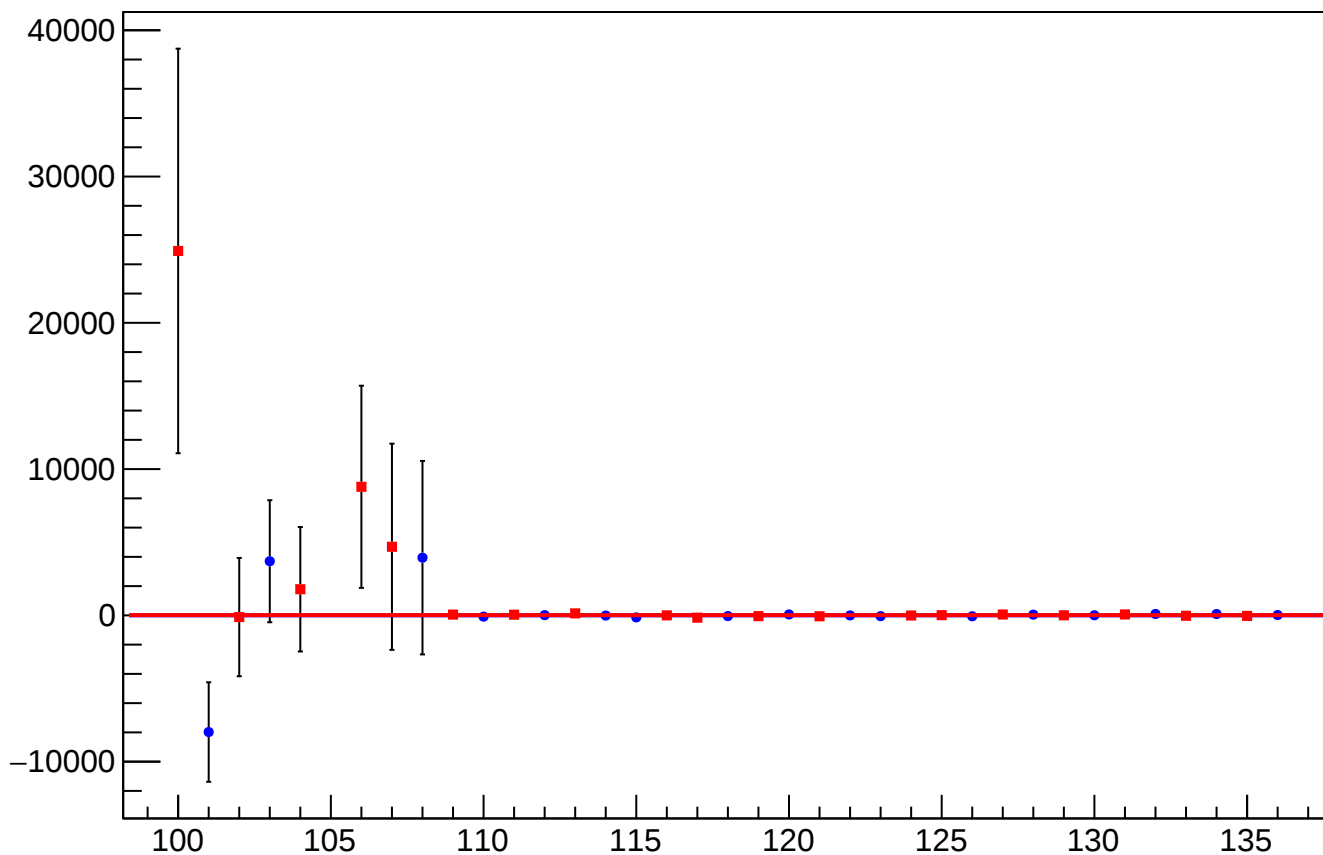
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.190+/-0.063 χ^2/NDF : 3536123.5/16

183.494+/-0.043 χ^2/NDF : 7744827.4/35

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: 4.651+/-14.935 χ^2 /NDF: 20.4/16

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

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

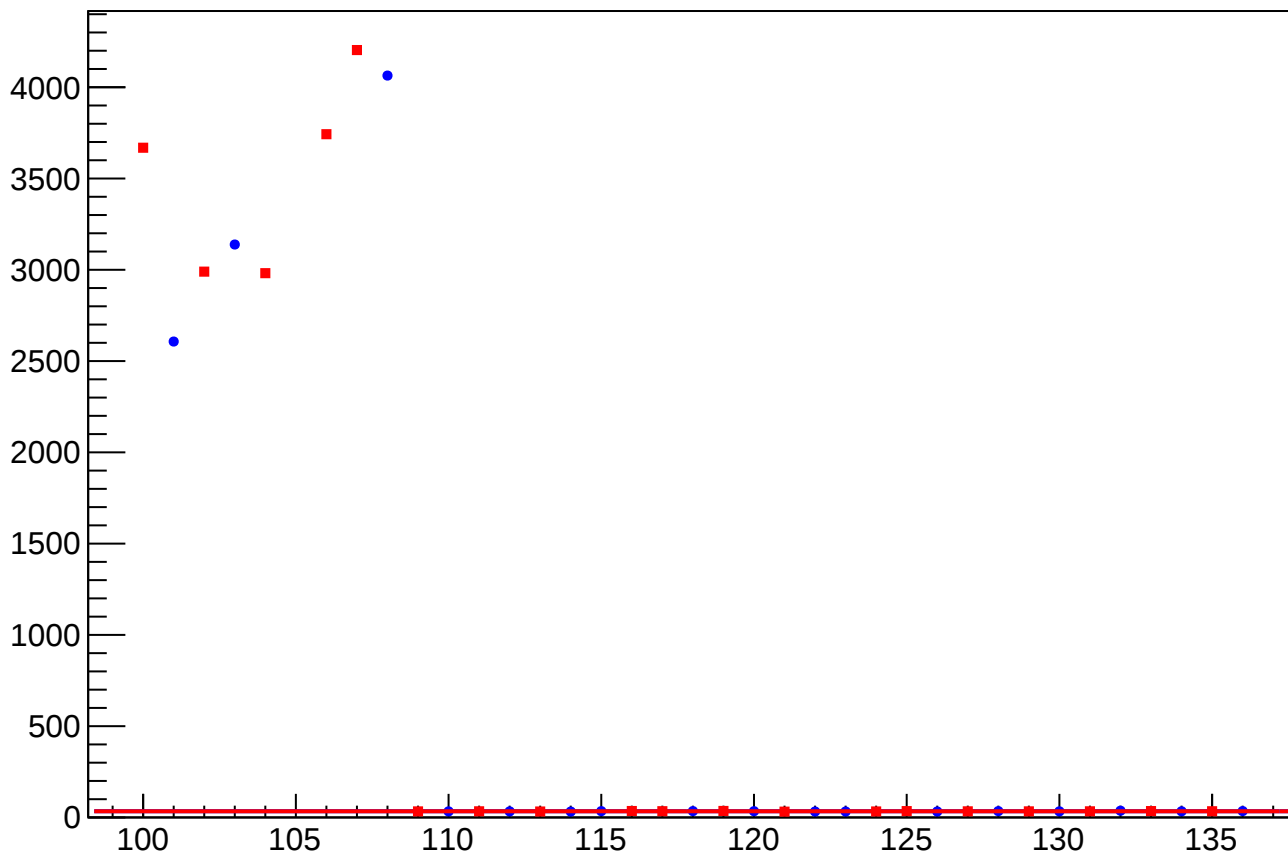
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

4.651+/-14.935 χ^2 /NDF: 20.4/16

9.581+/-10.637 χ^2 /NDF: 41.8/35

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: 34.137+/-0.011 χ^2/NDF : 3006248.0/16

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

Right Out: 33.889+/-0.011 χ^2/NDF : 3451727.5/18

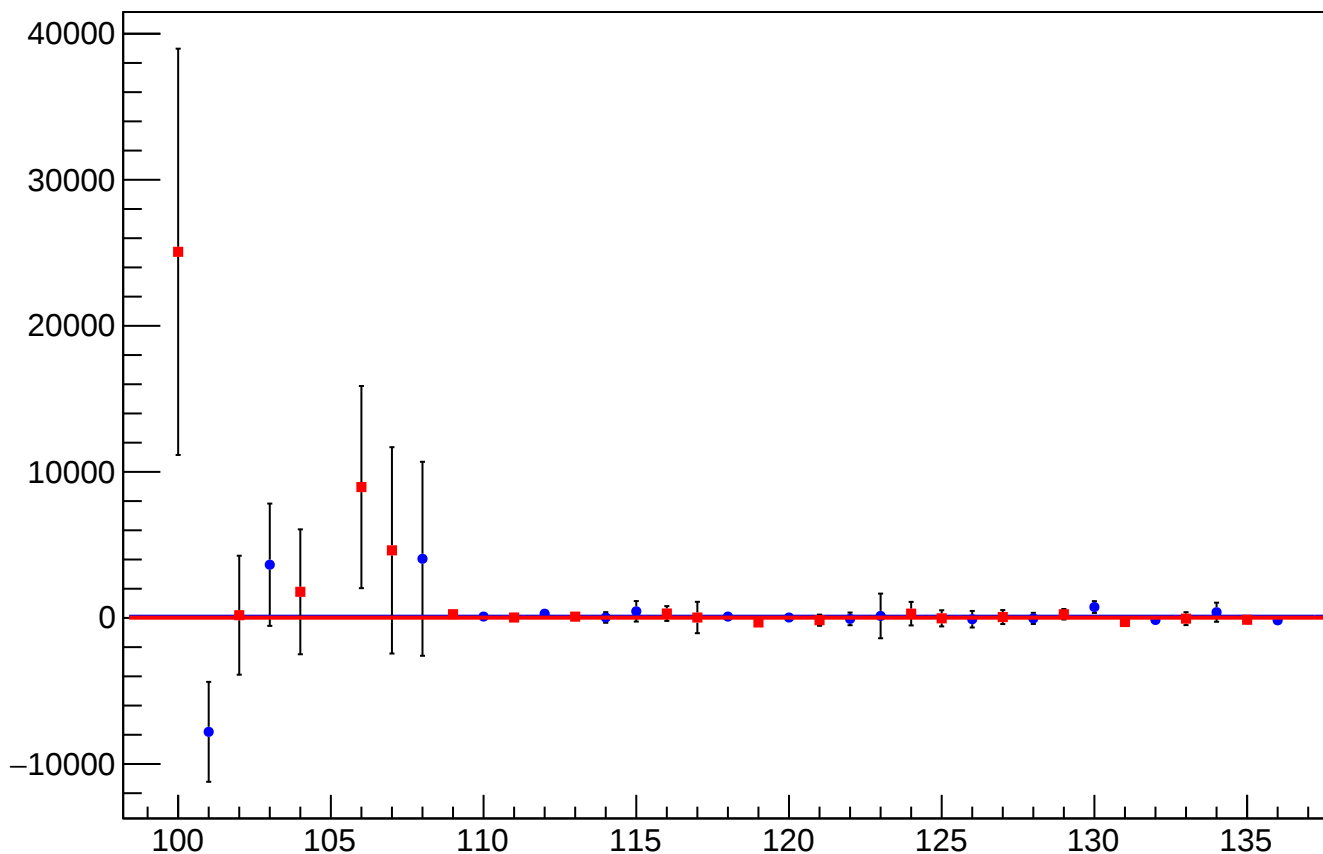
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.137+/-0.011 χ^2/NDF : 3006248.0/16

34.015+/-0.008 χ^2/NDF : 6458247.2/35

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: 86.041+/-87.947 χ^2/NDF : 12.4/16

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

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

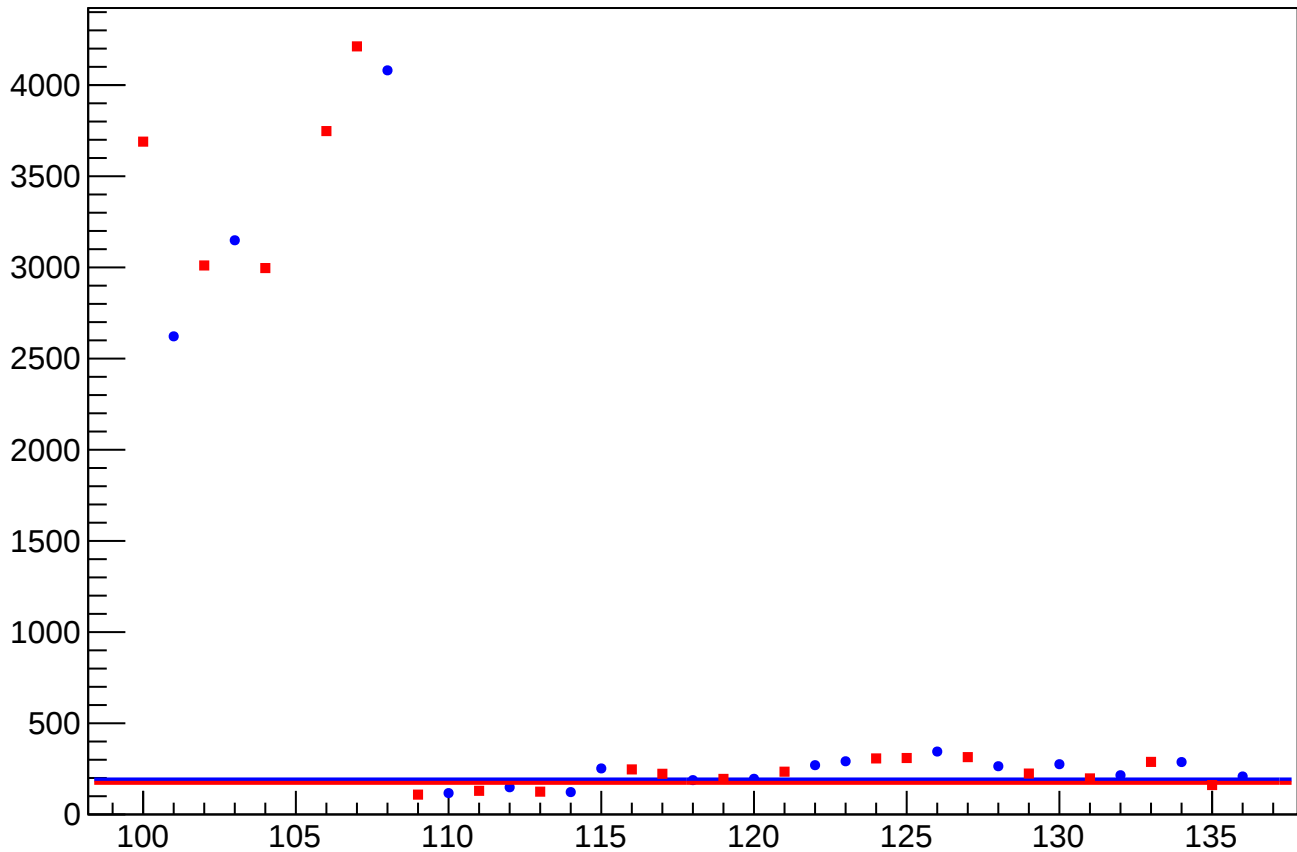
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.041+/-87.947 χ^2/NDF : 12.4/16

49.847+/-60.087 χ^2/NDF : 23.2/35

18.161+/-82.287 χ^2/NDF : 10.5/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.880+/-0.062 χ^2/NDF : 3573060.2/16

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

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

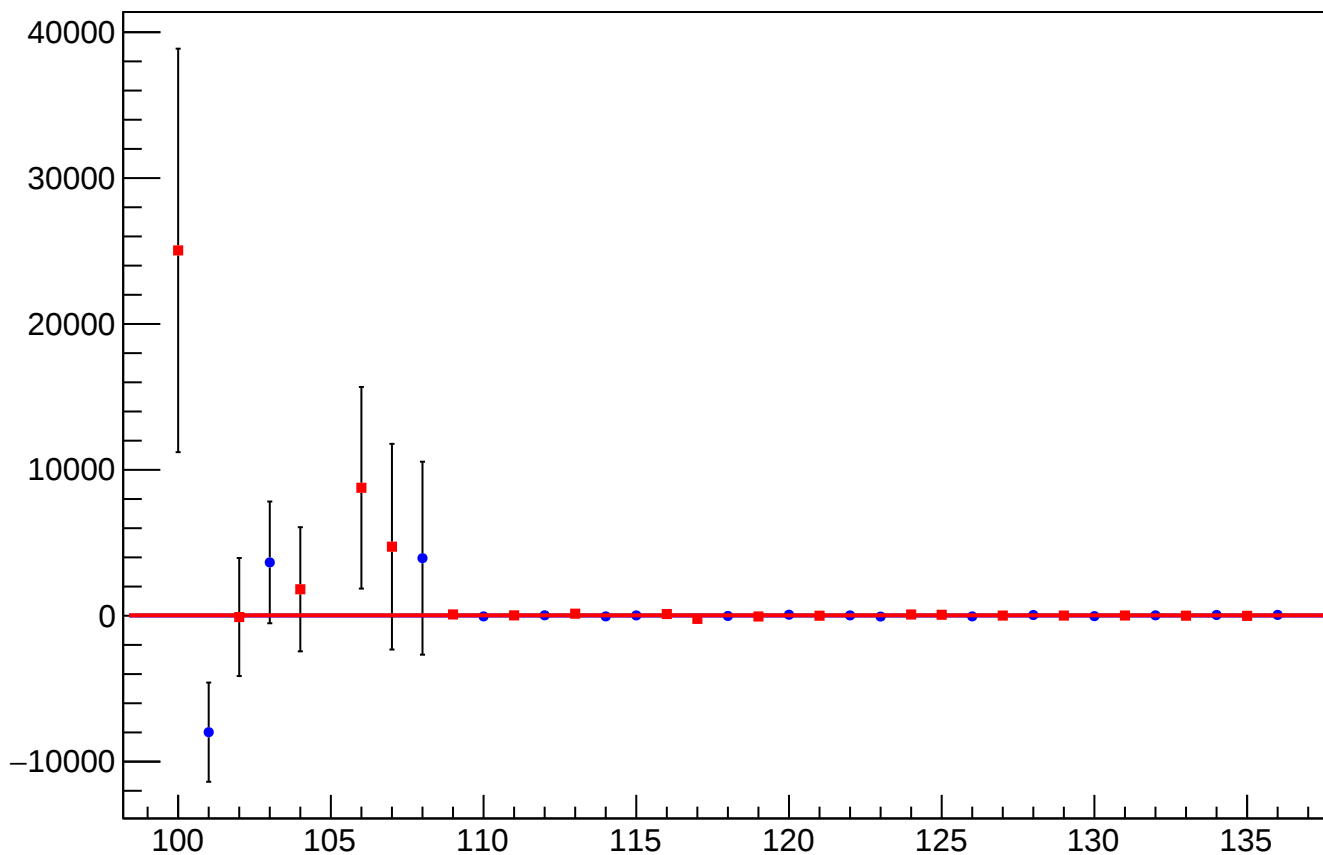
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.880+/-0.062 χ^2/NDF : 3573060.2/16

182.051+/-0.042 χ^2/NDF : 7830047.0/35

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: 14.121+/-13.618 χ^2/NDF : 15.2/16

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

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

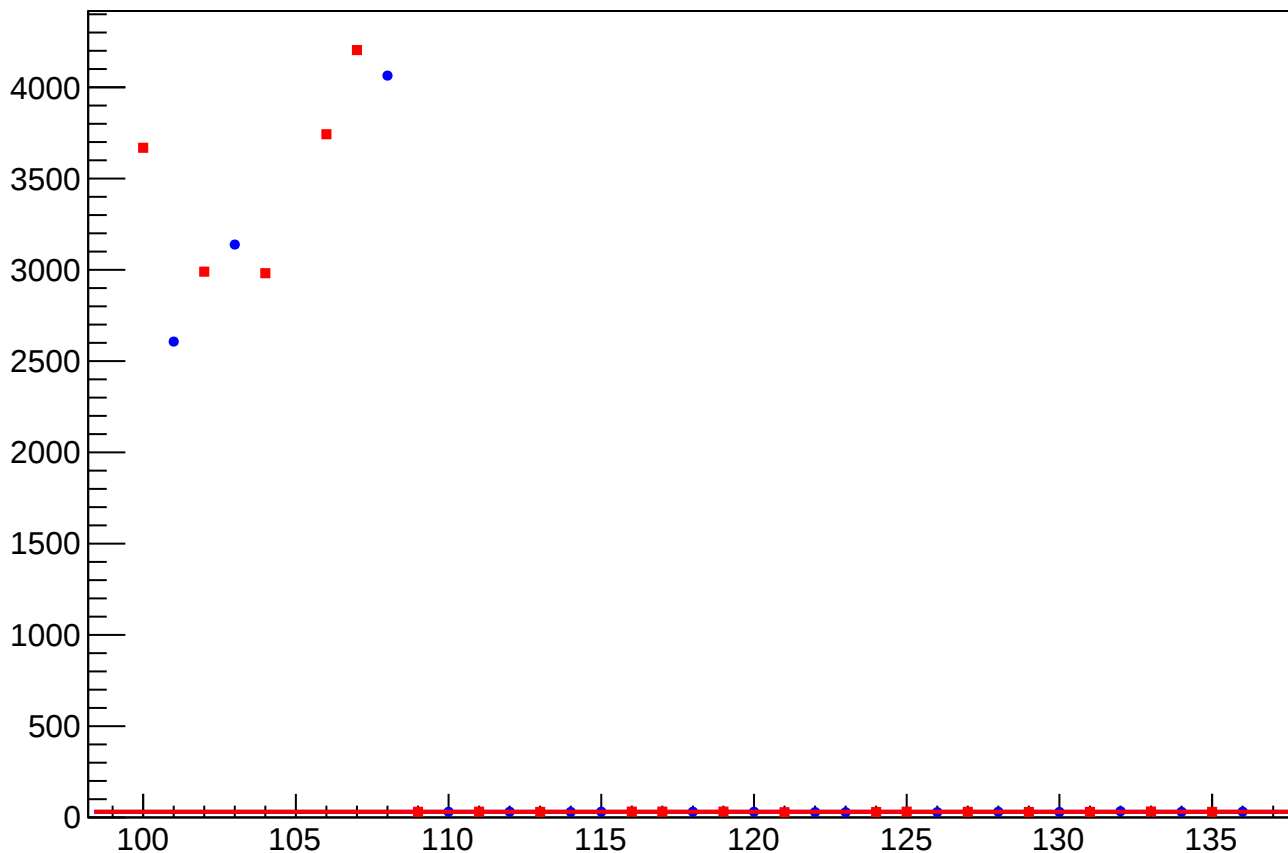
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.121+/-13.618 χ^2/NDF : 15.2/16

21.148+/-9.712 χ^2/NDF : 38.7/35

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: 31.127+/-0.010 χ^2/NDF : 3014425.9/16

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

Right Out: 30.969+/-0.010 χ^2/NDF : 3459018.4/18

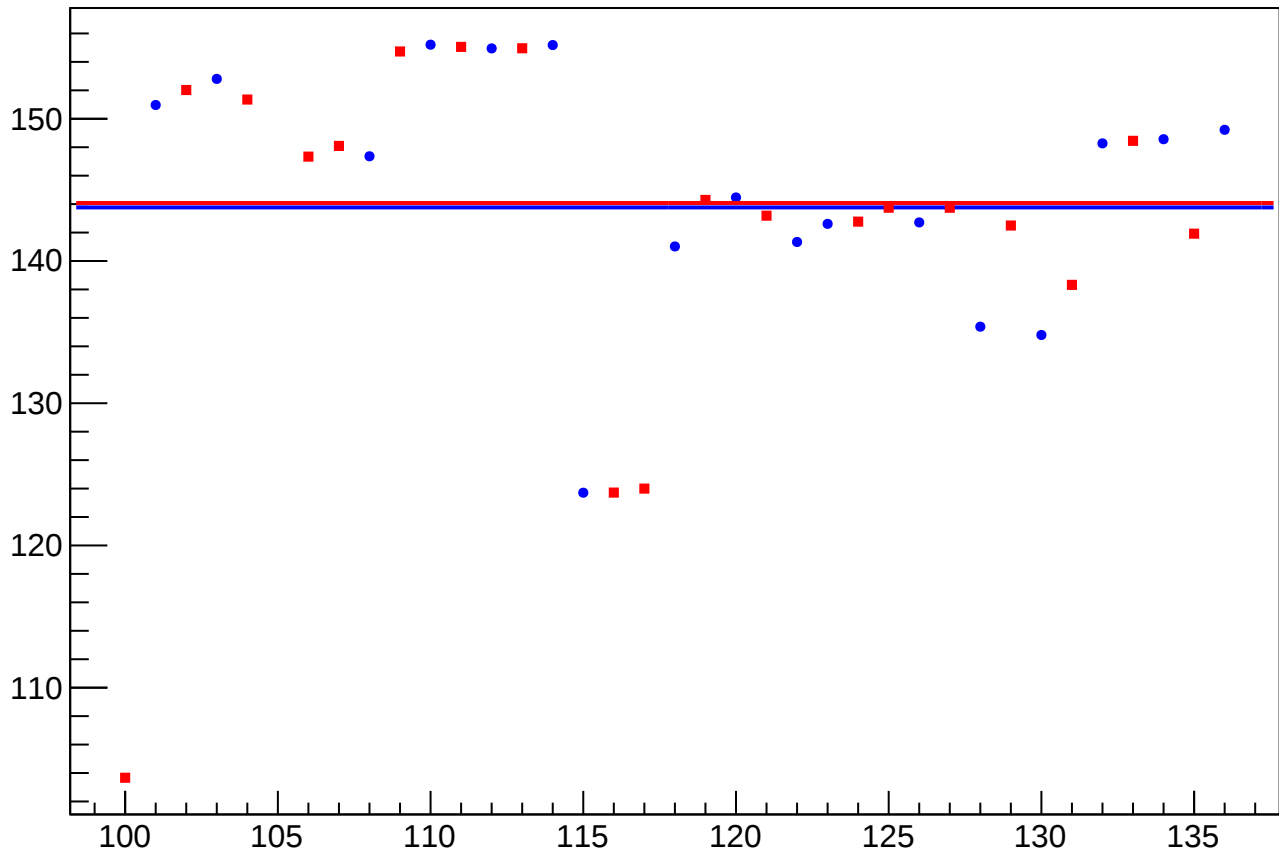
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.127+/-0.010 χ^2/NDF : 3014425.9/16

31.049+/-0.007 χ^2/NDF : 6473575.5/35

30.969+/-0.010 χ^2/NDF : 3459018.4/18

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.768+/-0.000 χ^2/NDF : 3532173868.5/16

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

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

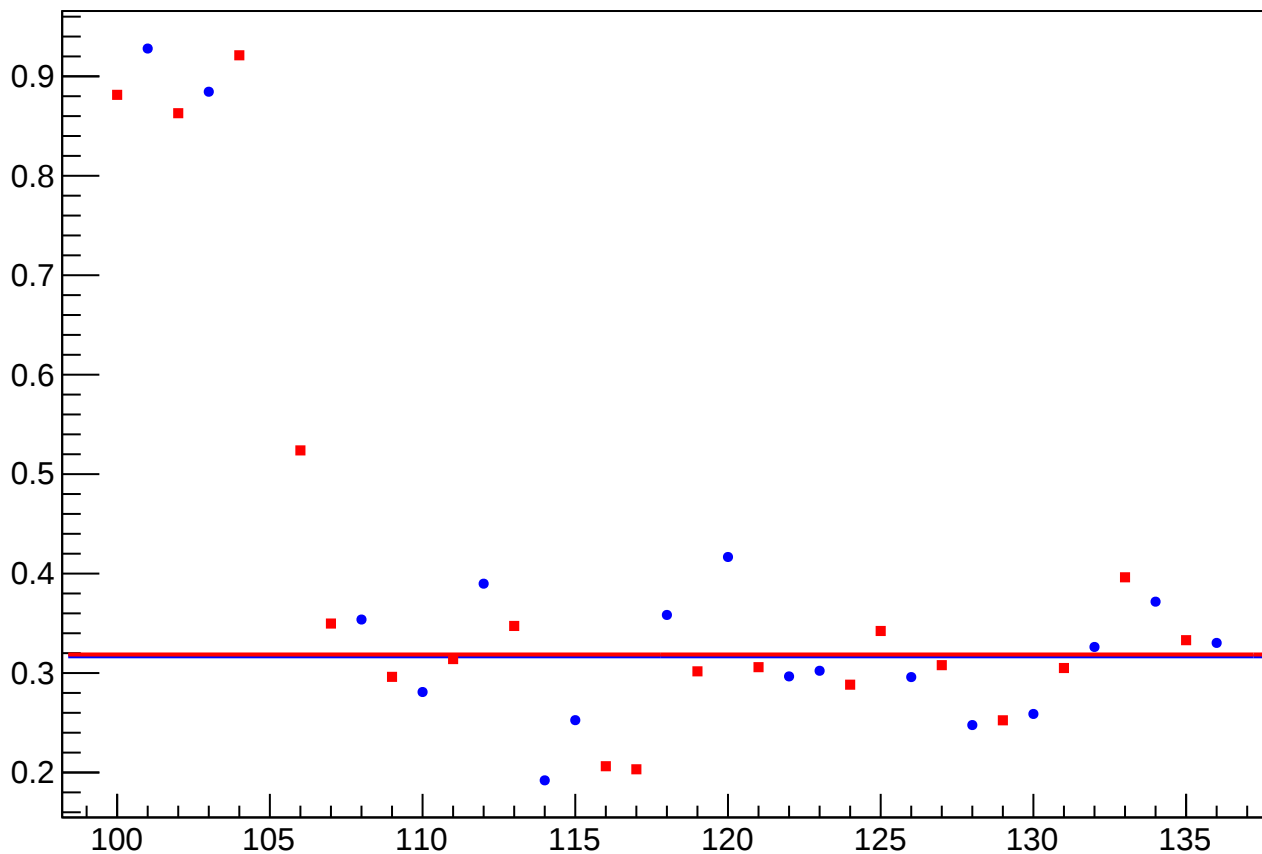
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.768+/-0.000 χ^2/NDF : 3532173868.5/16

143.925+/-0.000 χ^2/NDF : 8025538707.6/16

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

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1278613.2/16

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

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

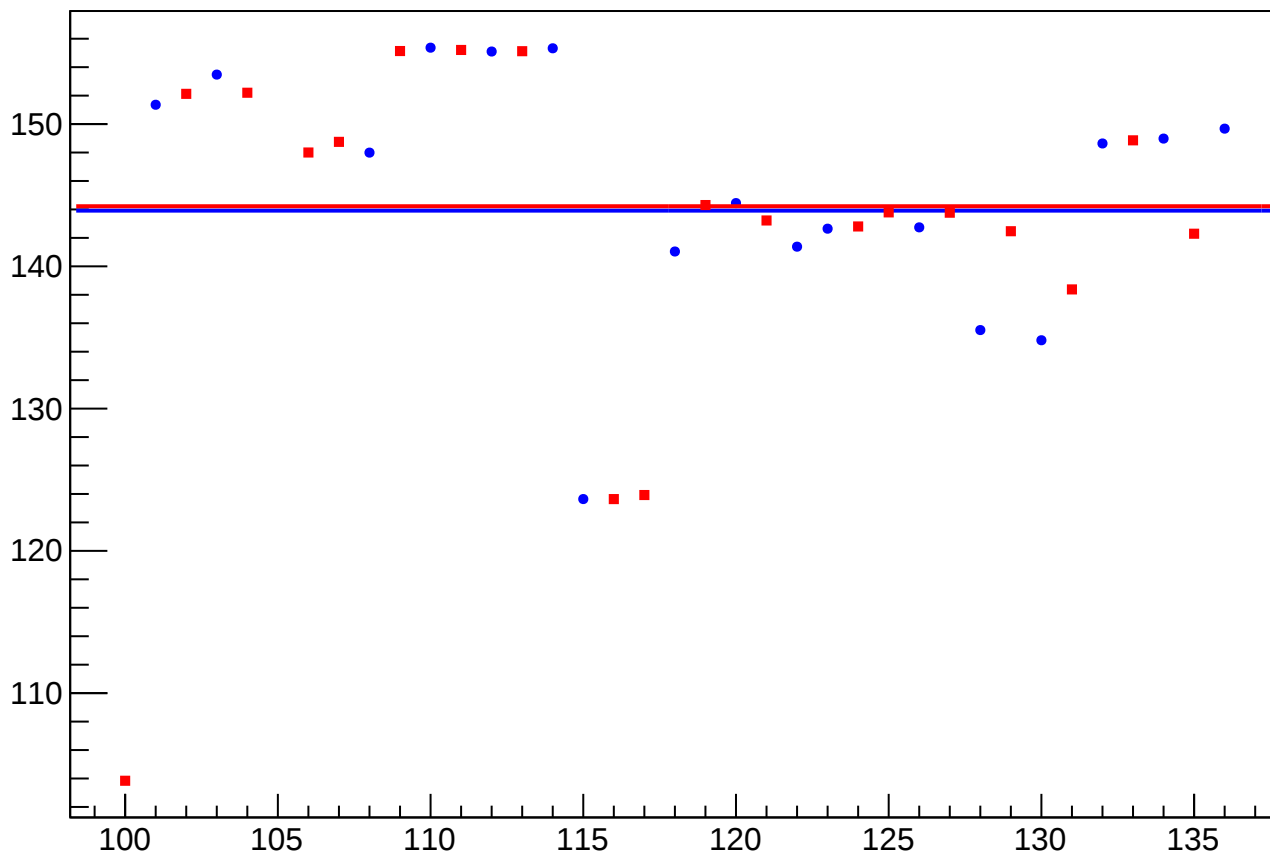
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.317+/-0.000 χ^2/NDF : 1278613.2/16

0.318+/-0.000 χ^2/NDF : 2507327.1/35

0.319+/-0.000 χ^2/NDF : 1228525.5/18

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.917+/-0.000 χ^2/NDF : 3584662767.5/16

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

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

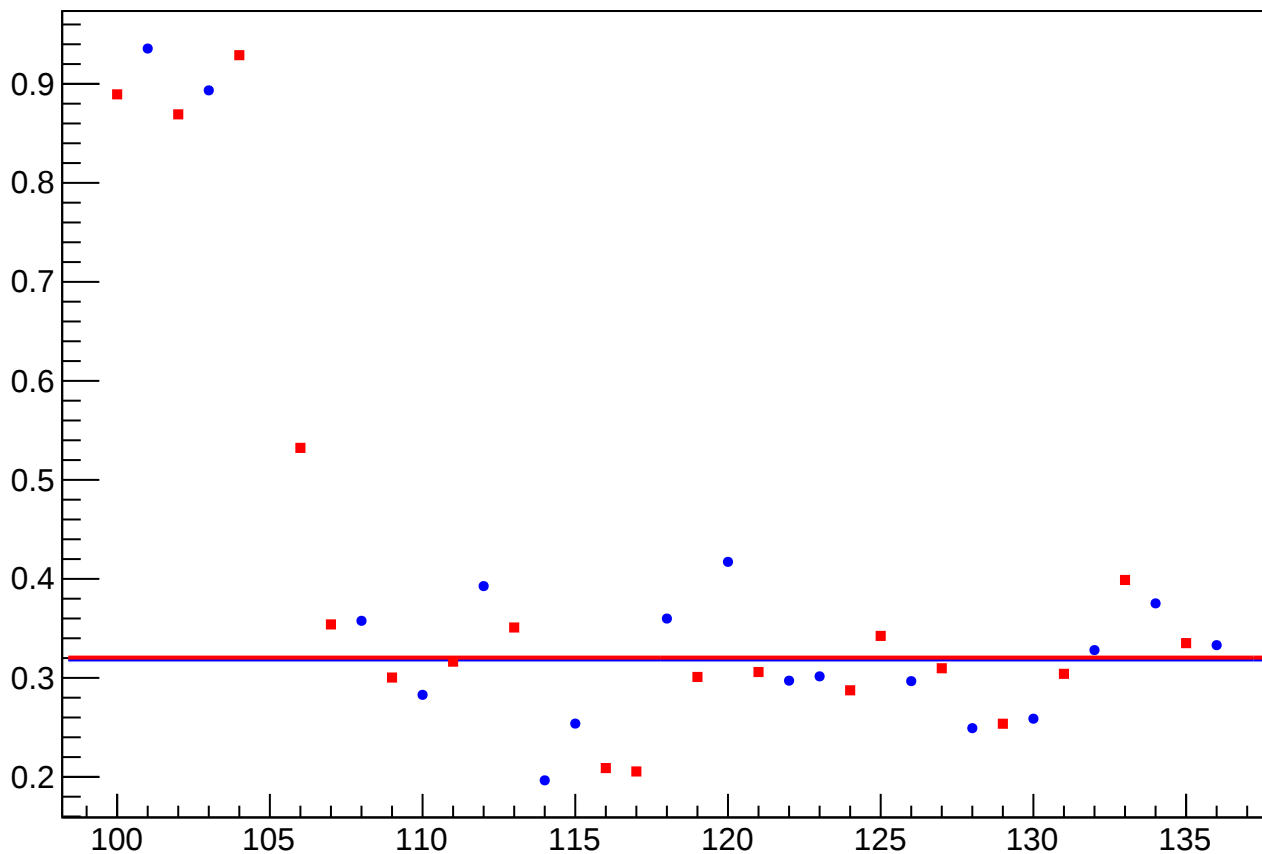
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.917+/-0.000 χ^2/NDF : 3584662767.5/16

144.071+/-0.000 χ^2/NDF : 8102258026.3/16

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

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 1280748.9/16

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

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

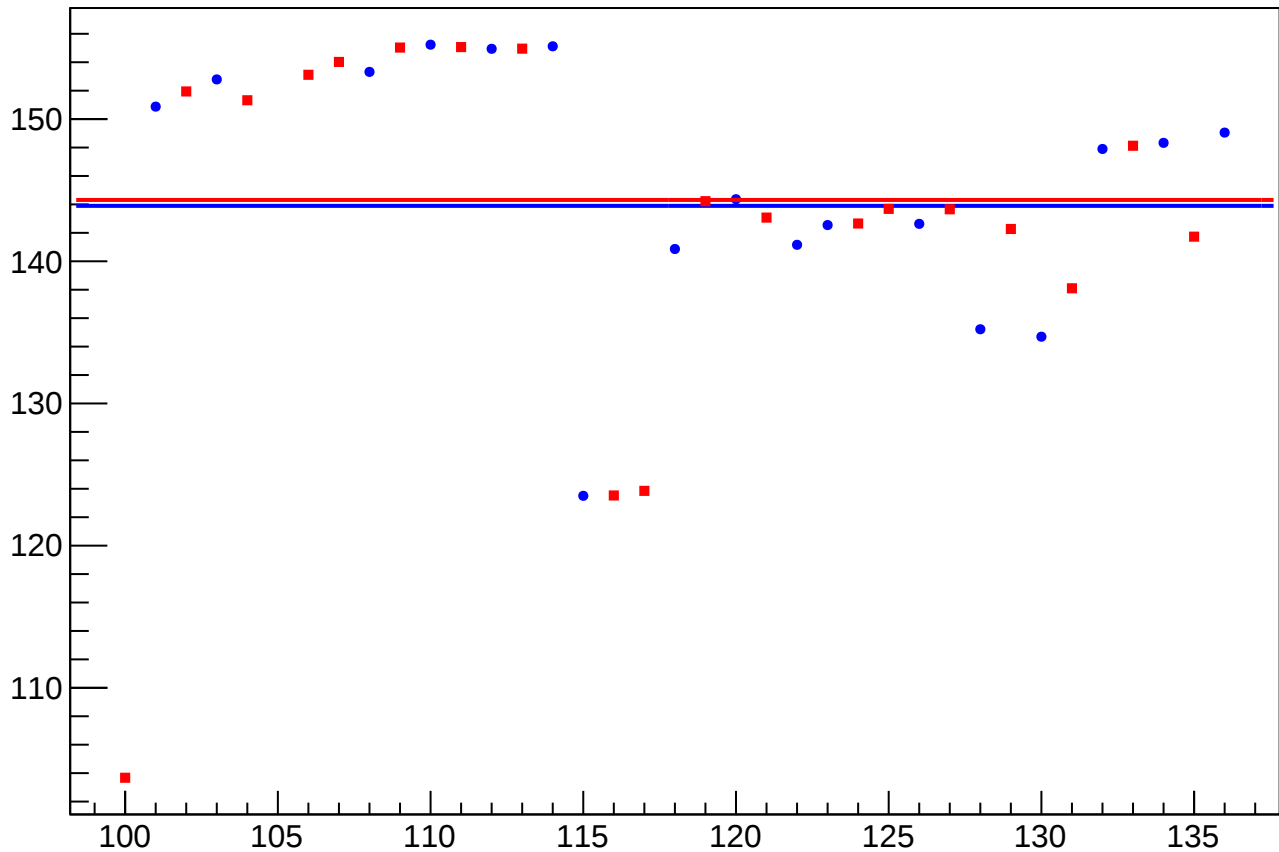
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.319+/-0.000 χ^2/NDF : 1280748.9/16

0.320+/-0.000 χ^2/NDF : 2511846.1/35

0.320+/-0.000 χ^2/NDF : 1230898.6/18

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.899+/-0.000 χ^2/NDF : 3749888331.0/16

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

143.899+/-0.000 χ^2/NDF : 3749888331.0/16

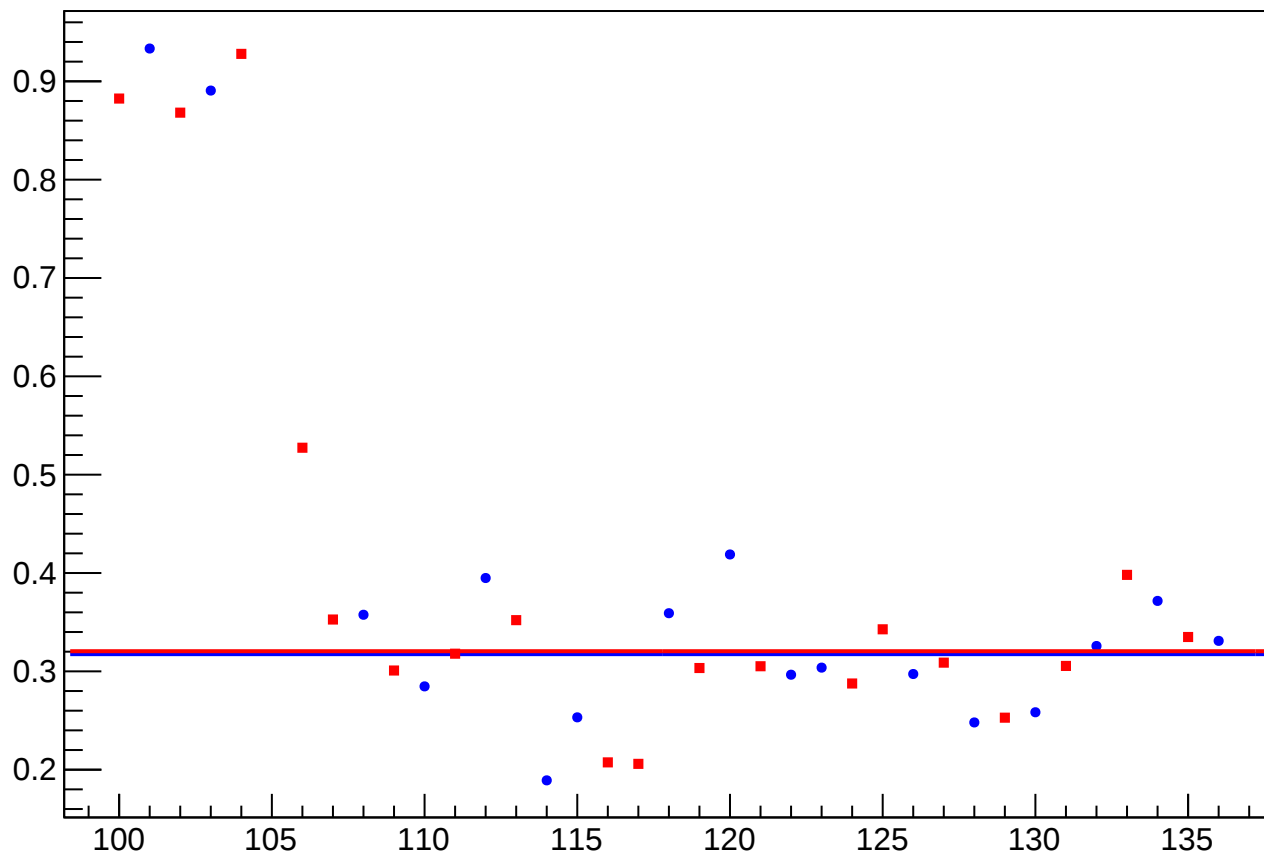
144.107+/-0.000 χ^2/NDF : 8546463784.7/16

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

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

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1293179.2/16

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

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

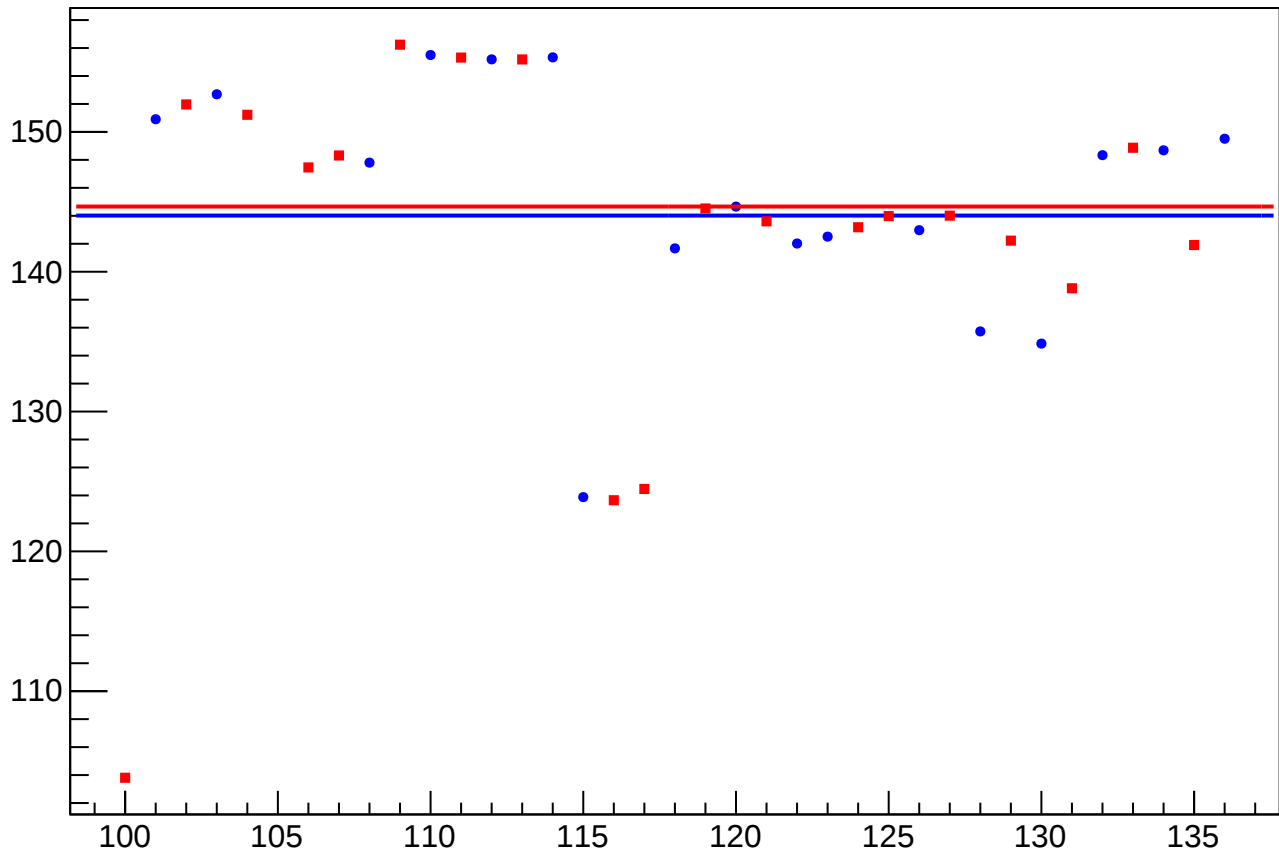
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.317+/-0.000 χ^2/NDF : 1293179.2/16

0.319+/-0.000 χ^2/NDF : 2525501.0/35

0.320+/-0.000 χ^2/NDF : 1231826.5/18

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.018+/-0.000 χ^2/NDF : 3238525527.6/16

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

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

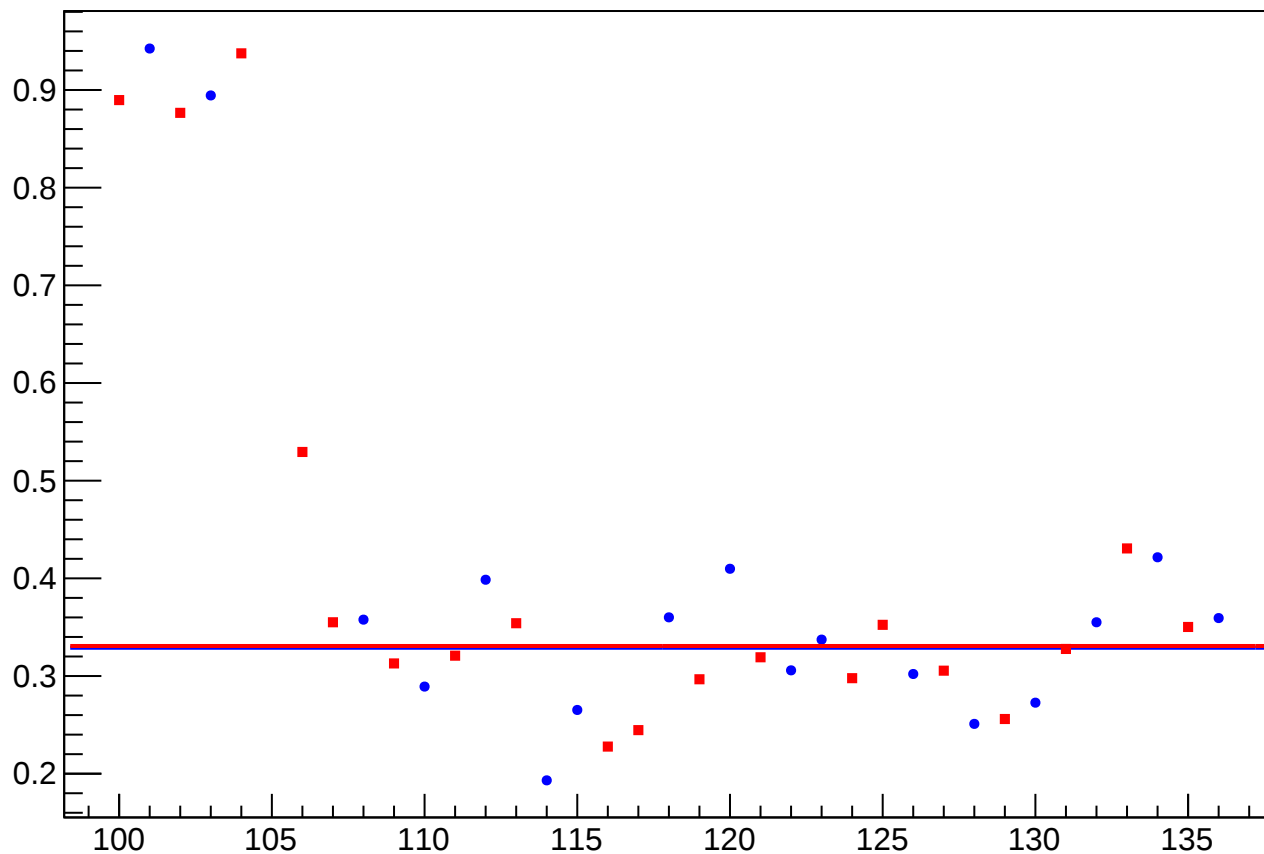
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.018+/-0.000 χ^2/NDF : 3238525527.6/16

144.343+/-0.000 χ^2/NDF : 7321592884.6/16

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

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1276118.3/16

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

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

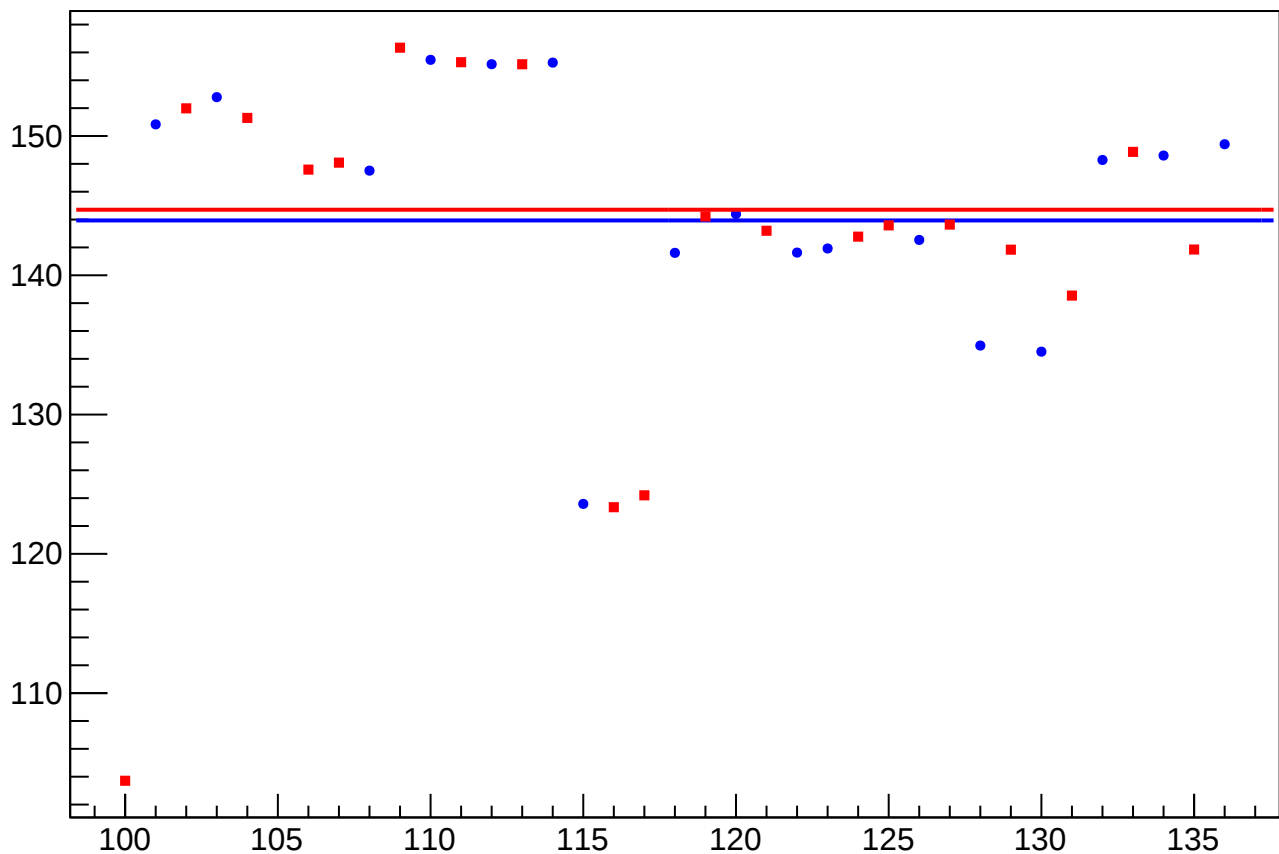
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.329+/-0.000 χ^2/NDF : 1276118.3/16

0.330+/-0.000 χ^2/NDF : 2455695.5/35

0.331+/-0.000 χ^2/NDF : 1179409.2/18

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.937 ± 0.000 χ^2/NDF : 3379203532.9/16

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

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

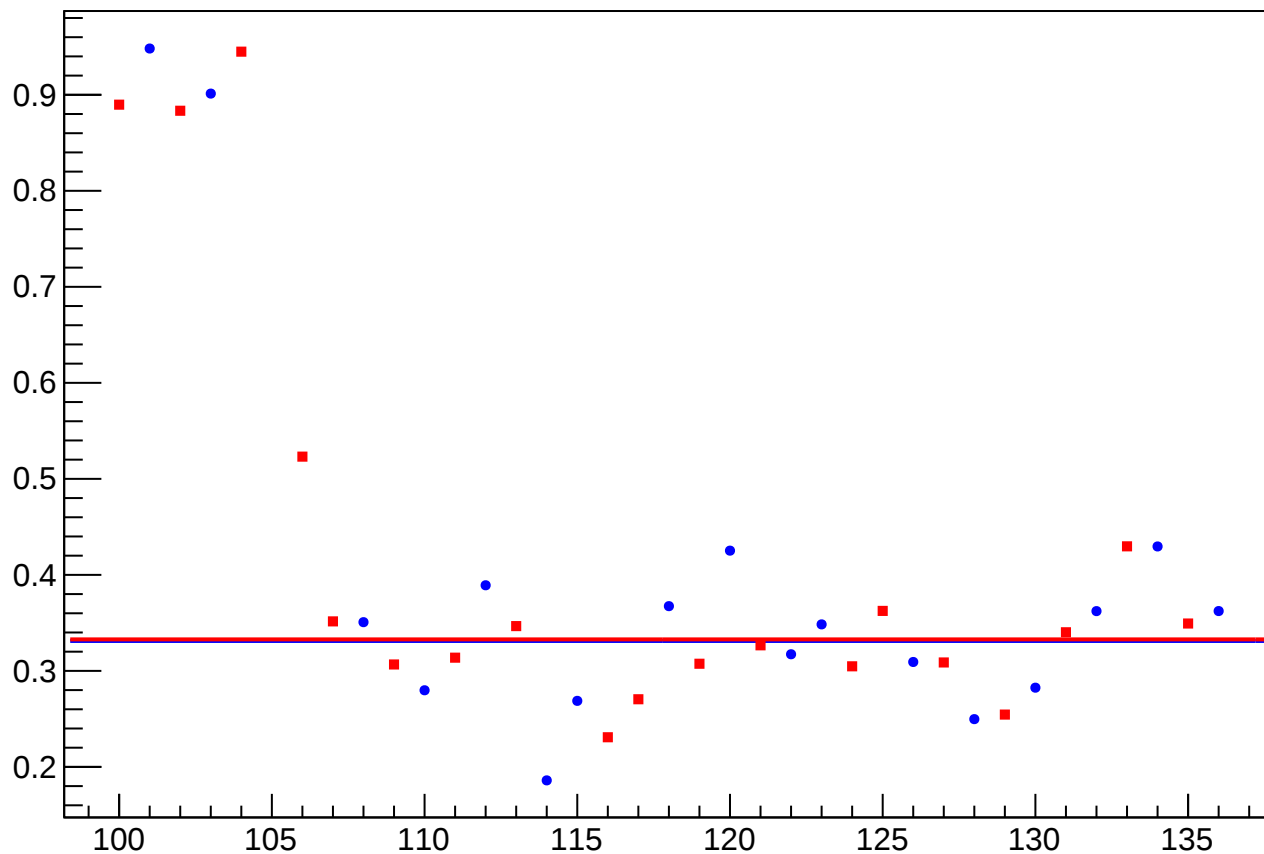
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

143.937 ± 0.000 χ^2/NDF : 3379203532.9/16

144.325 ± 0.000 χ^2/NDF : 7508657440.5/16

144.706 ± 0.000 χ^2/NDF : 4114342311.3/18

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331+/-0.000 χ^2/NDF : 1295749.0/16

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

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

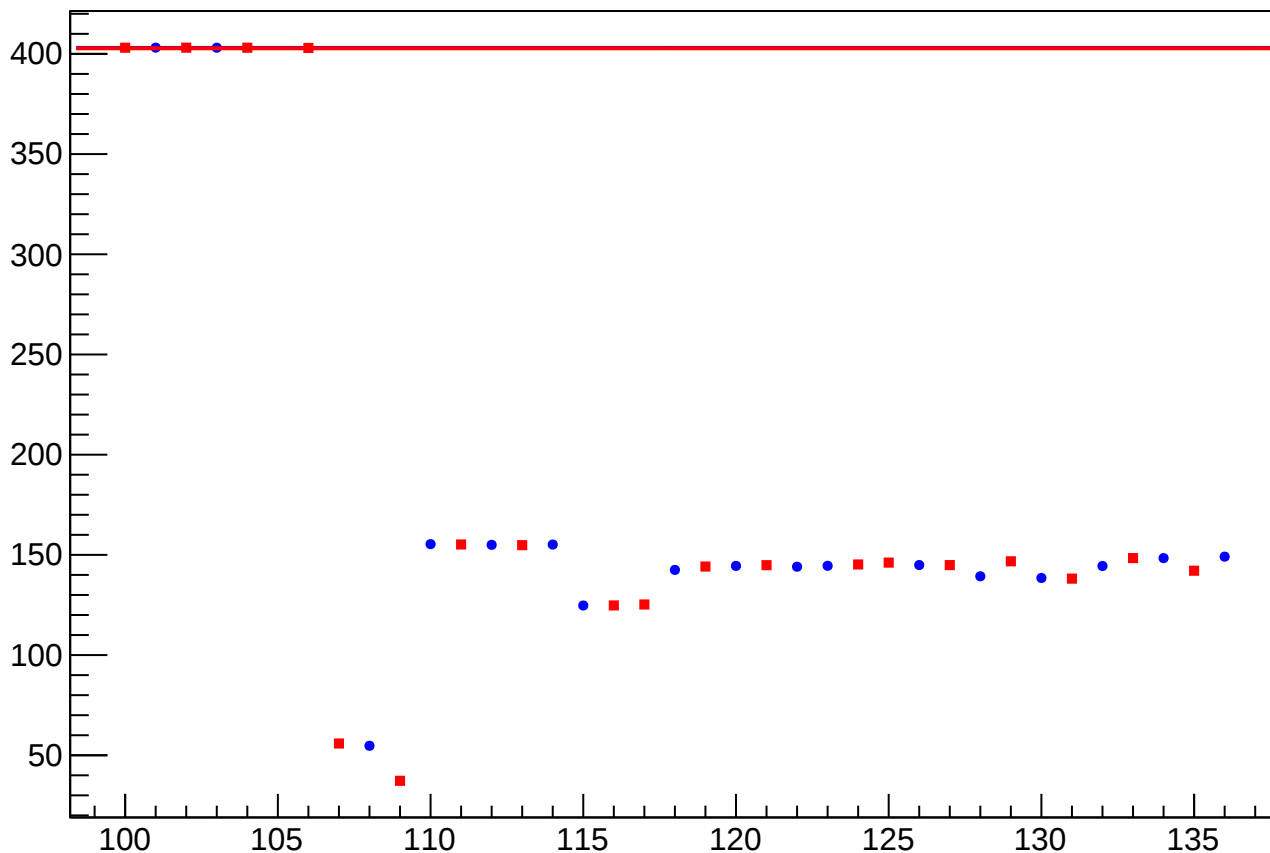
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.331+/-0.000 χ^2/NDF : 1295749.0/16

0.332+/-0.000 χ^2/NDF : 2461594.2/35

0.333+/-0.000 χ^2/NDF : 1165710.0/18

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.957+/-0.000 χ^2/NDF : 1096710296821.6/16

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

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

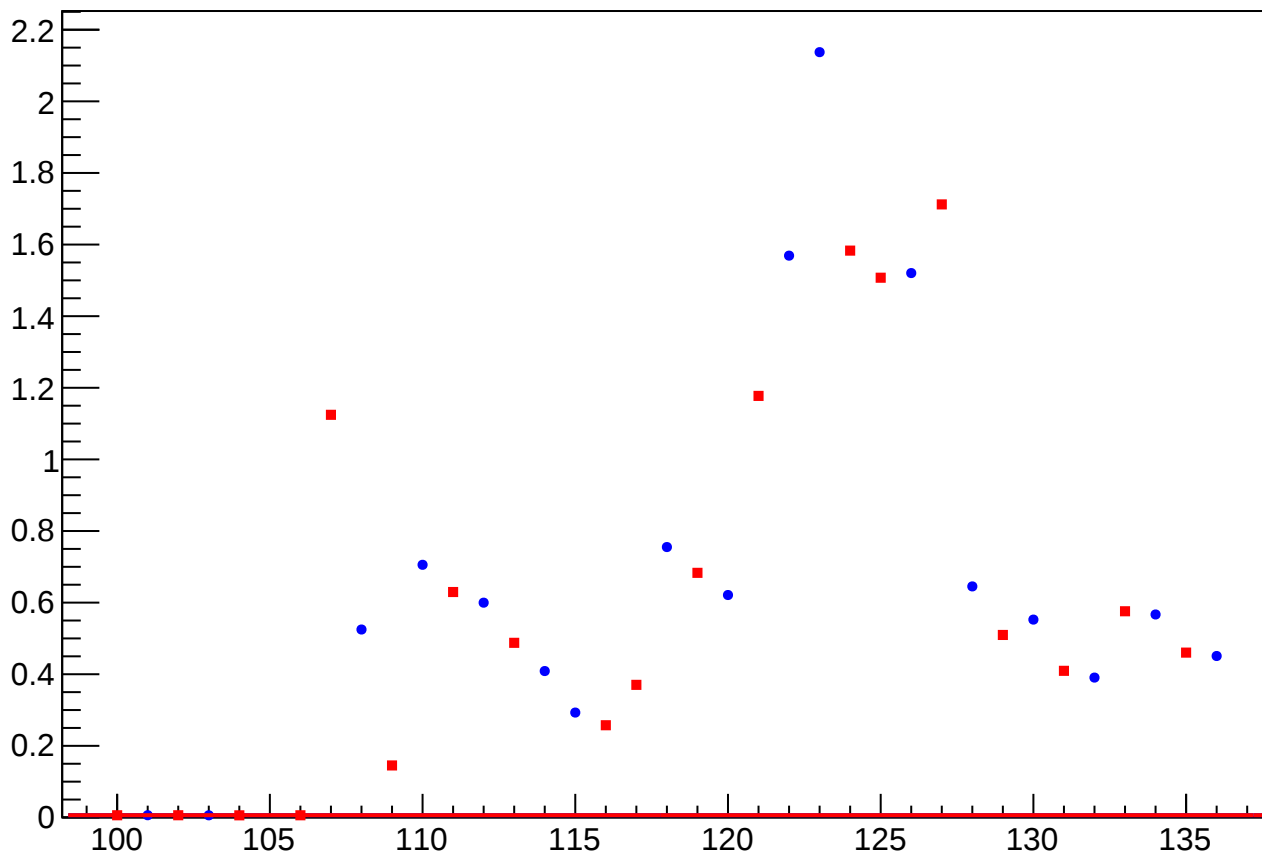
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.957+/-0.000 χ^2/NDF : 1096710296821.6/16

402.875+/-0.000 χ^2/NDF : 416255643498

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 : 9161050.1/16

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

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

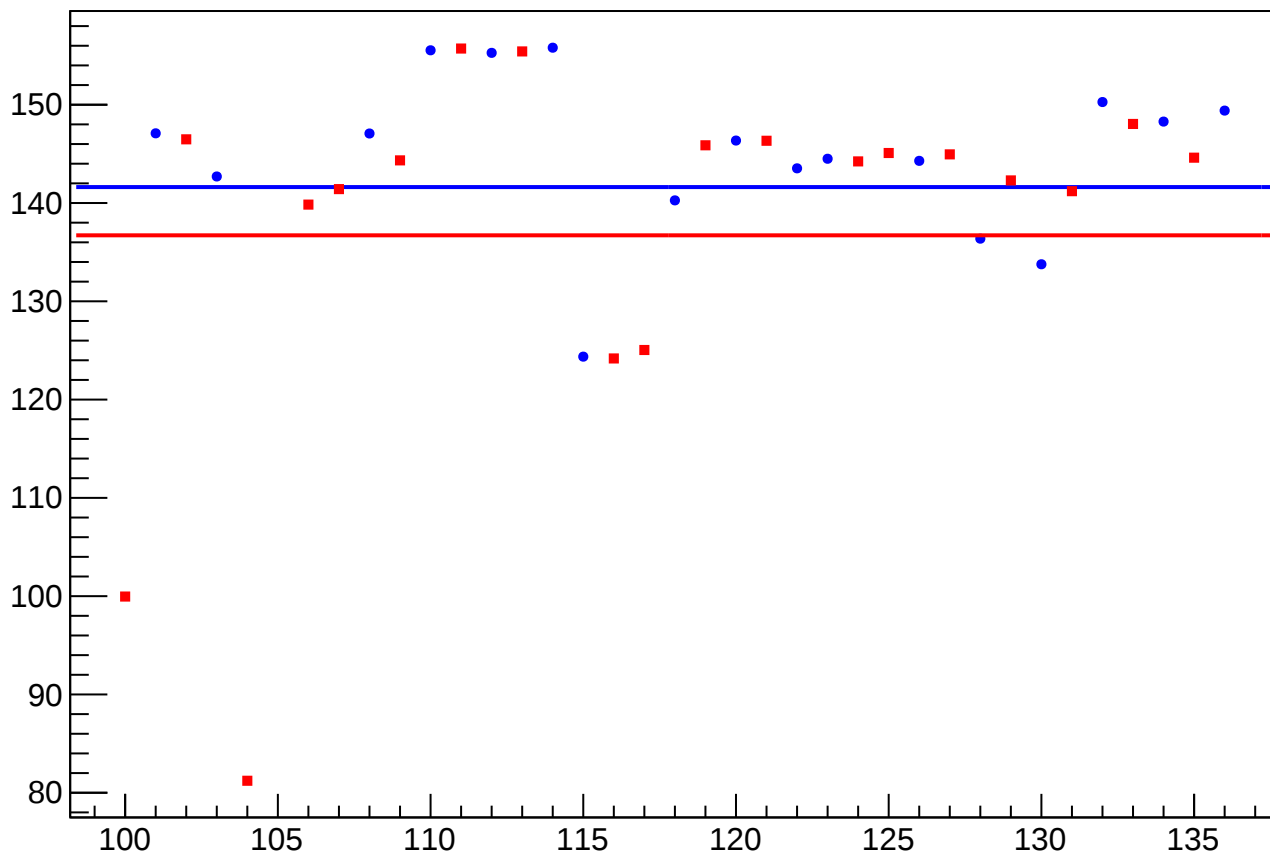
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 9161050.1/16

0.006+/-0.000 χ^2/NDF : 18079488.5/35

0.006+/-0.000 χ^2/NDF : 8918425.1/18

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

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

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

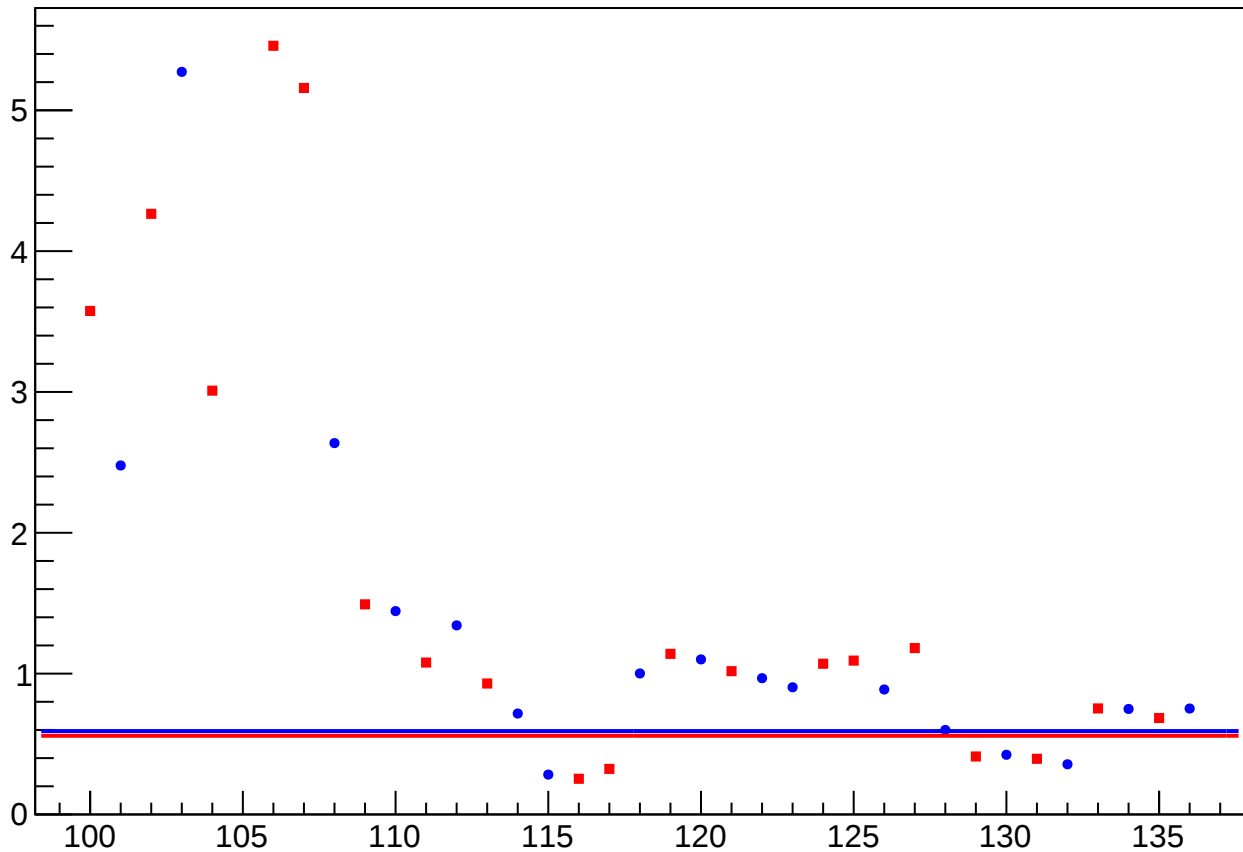
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

139.113 $\pm$ 0.000 χ^2 /NDF: 2410016374.7/16

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

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.592+/-0.000 χ^2/NDF : 3521577.2/16

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

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

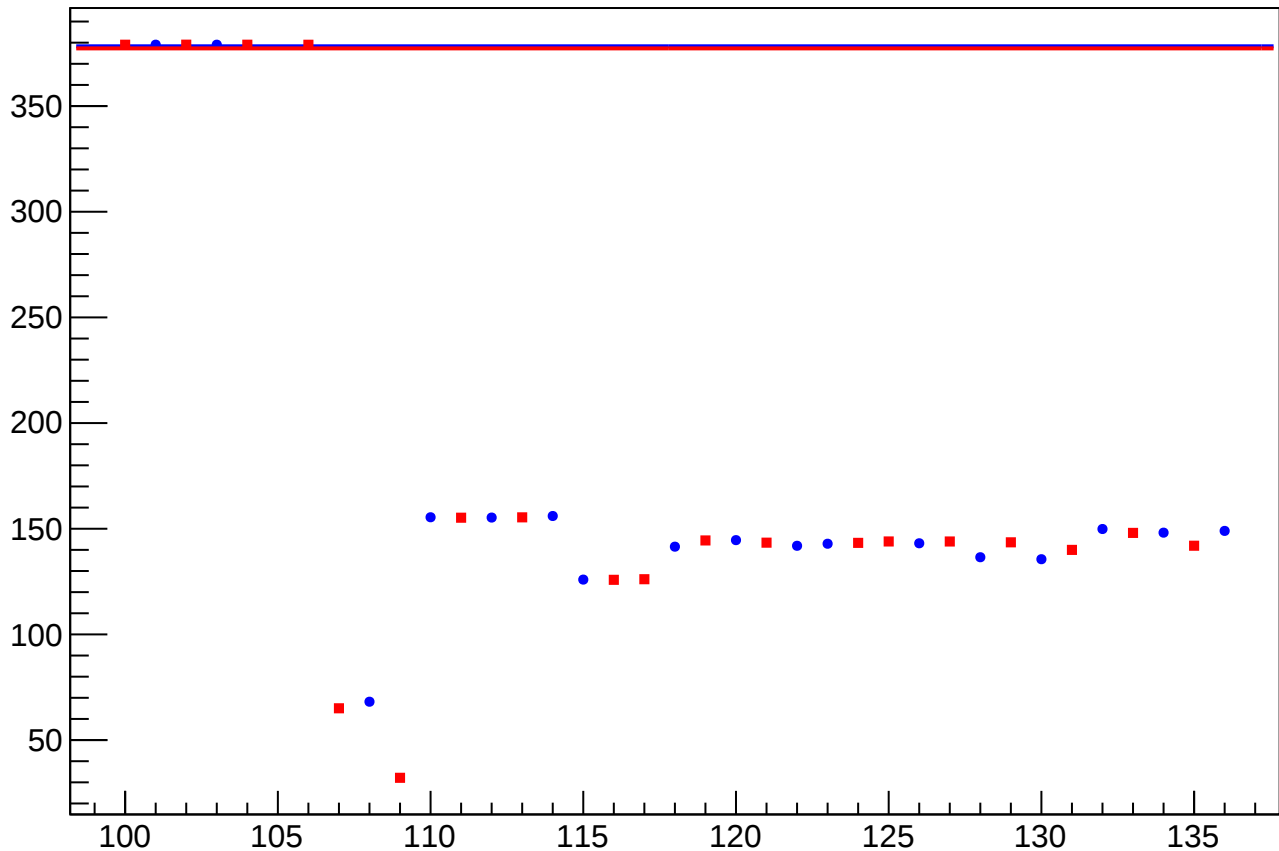
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.592+/-0.000 χ^2/NDF : 3521577.2/16

0.575+/-0.000 χ^2/NDF : 8253008.0/35

0.559+/-0.000 χ^2/NDF : 4719867.7/18

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.281+/-0.000 χ^2/NDF : 2512261599188.1/16

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

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

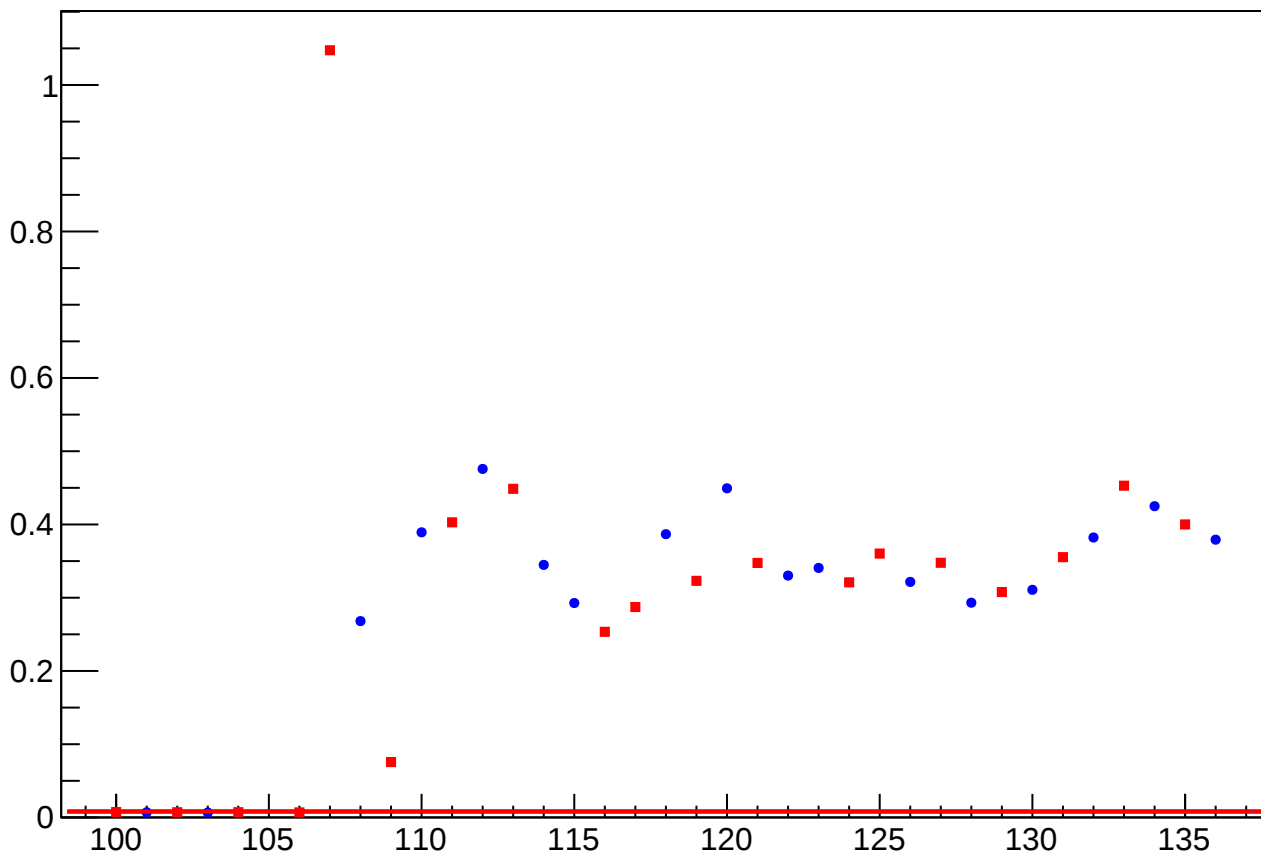
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.281+/-0.000 χ^2/NDF : 2512261599188.1/16

377.757+/-0.000 χ^2/NDF : 107773292629

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 : 9885759.8/16

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

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

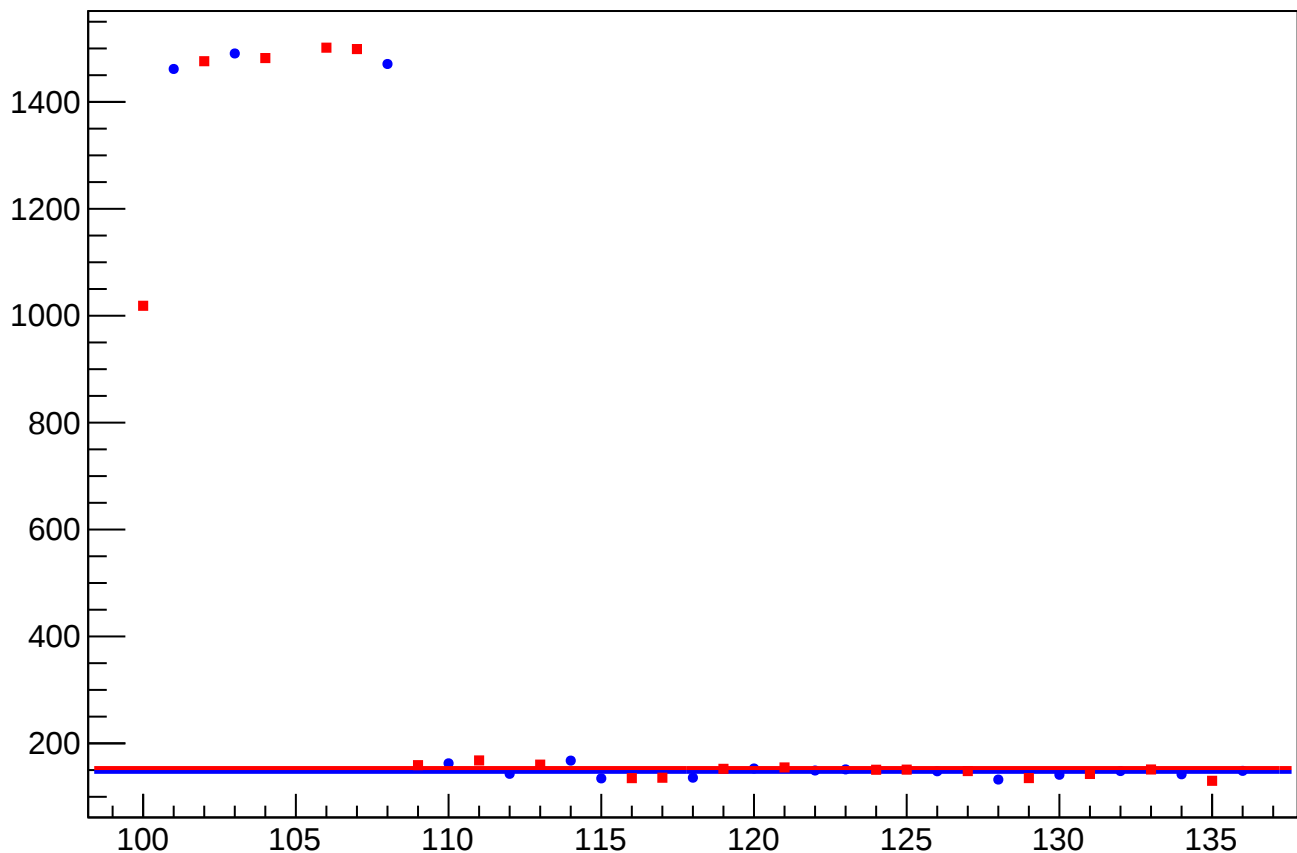
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 9885759.8/16

0.008+/-0.000 χ^2/NDF : 19128949.1/35

0.008+/-0.000 χ^2/NDF : 9243189.3/18

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.723+/-0.000 χ^2/NDF : 24350870553.3/16

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

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

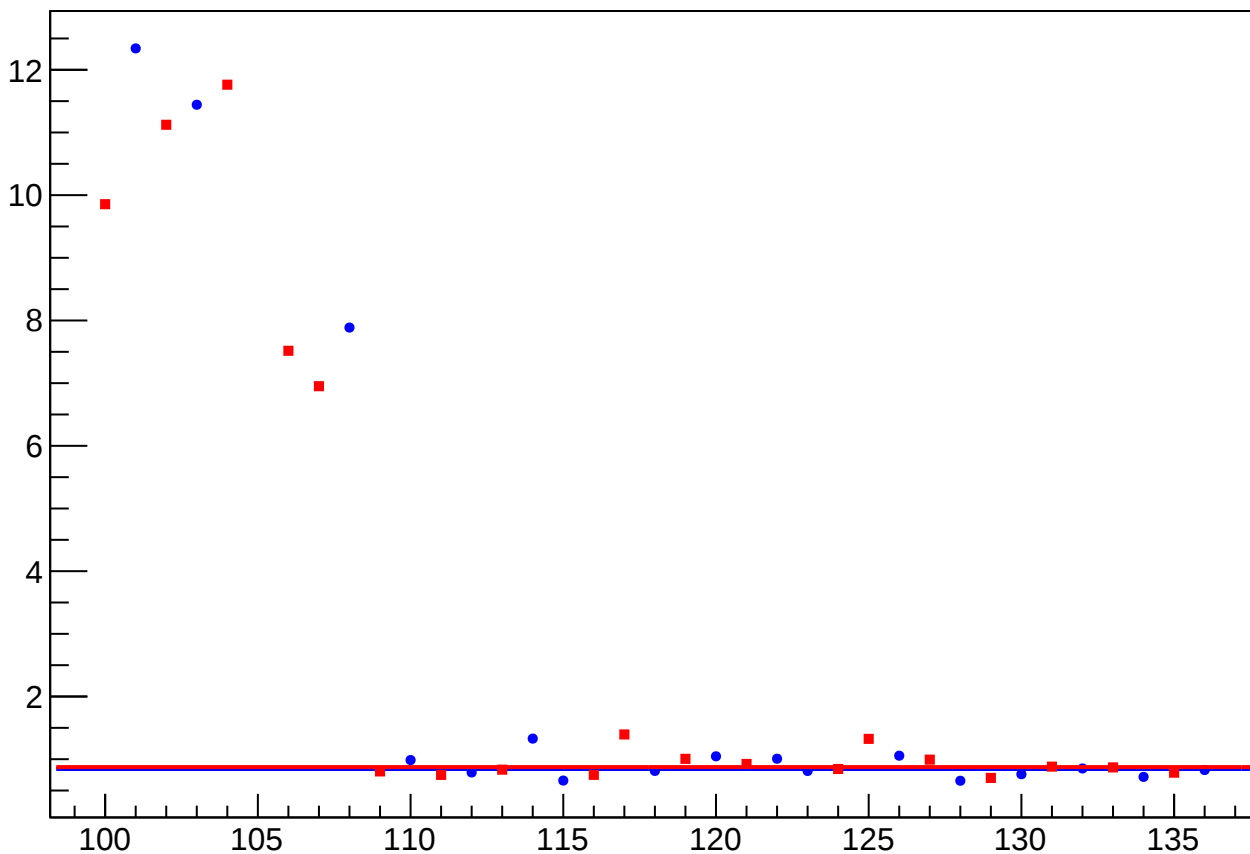
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.723+/-0.000 χ^2/NDF : 24350870553.3/16

150.221+/-0.000 χ^2/NDF : 58228348164.9

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

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.844+/-0.000 χ^2/NDF : 2670470.7/16

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

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

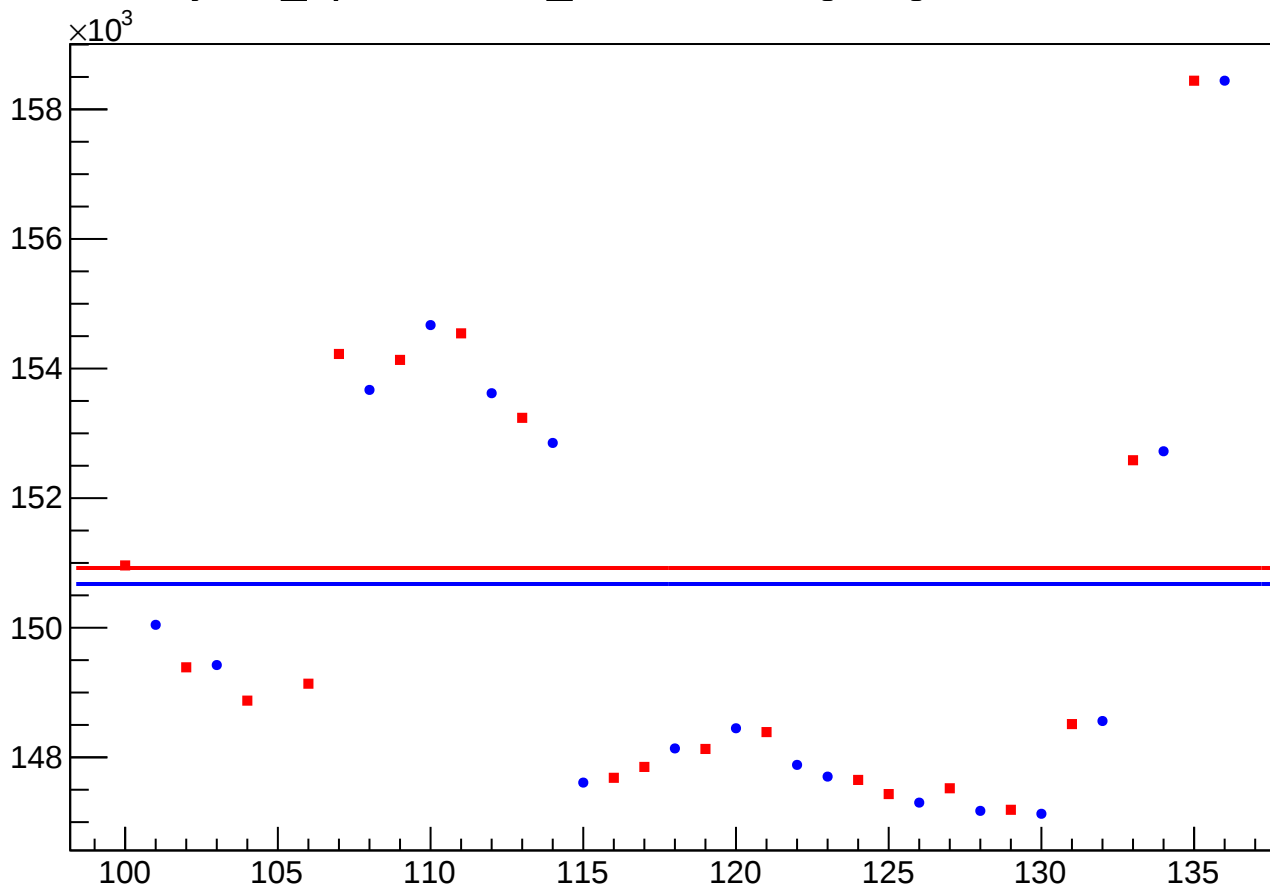
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.844+/-0.000 χ^2/NDF : 2670470.7/16

0.859+/-0.000 χ^2/NDF : 5472542.1/35

0.874+/-0.000 χ^2/NDF : 2797227.8/18

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150675.025 $\pm$ 0.063 χ^2 /NDF: 3309974859.4/16

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

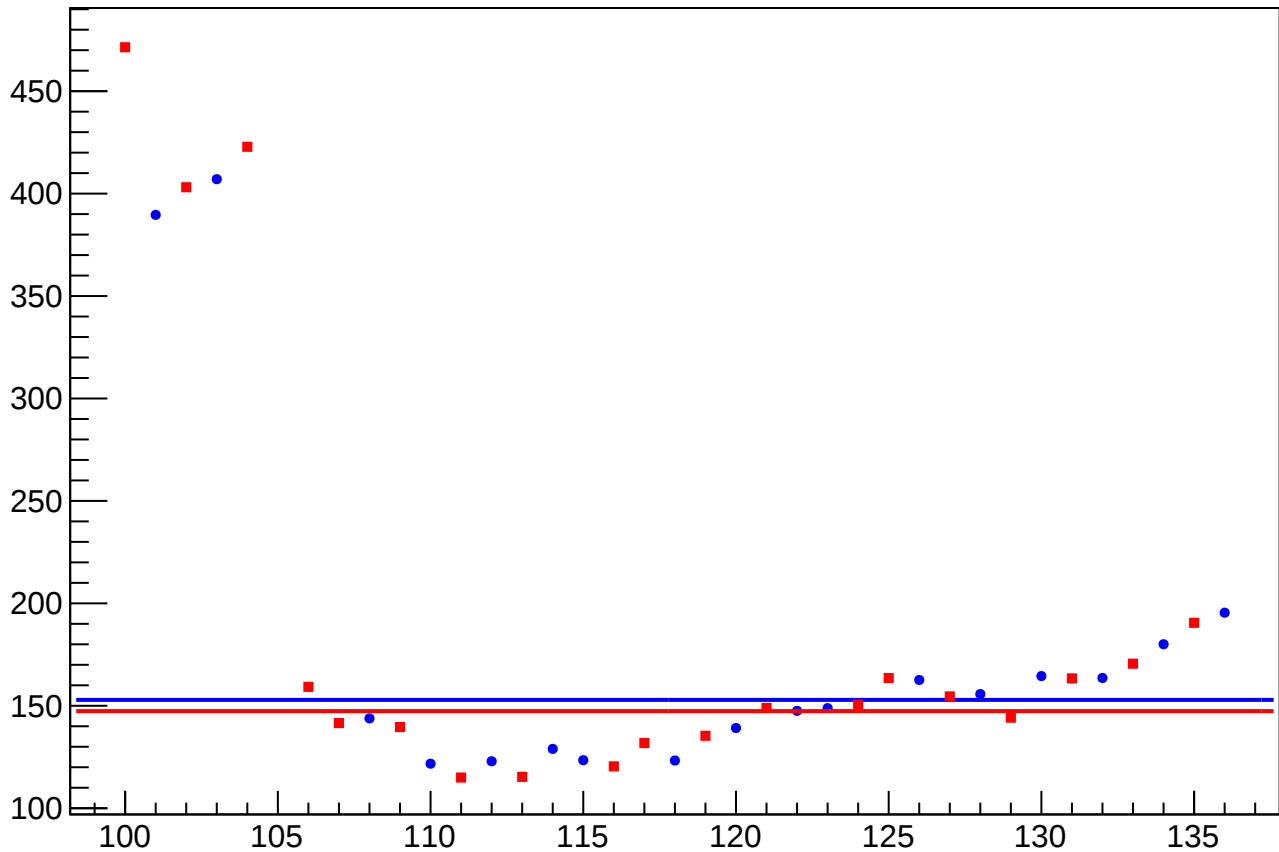
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150675.025 $\pm$ 0.063 χ^2 /NDF: 3309974859.4/16

150804.619 $\pm$ 0.043 χ^2 /NDF: 634380036

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

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 152.883+/-0.045 χ^2/NDF : 1154088.7/16

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

Right Out: 147.408+/-0.042 χ^2/NDF : 1167579.3/18

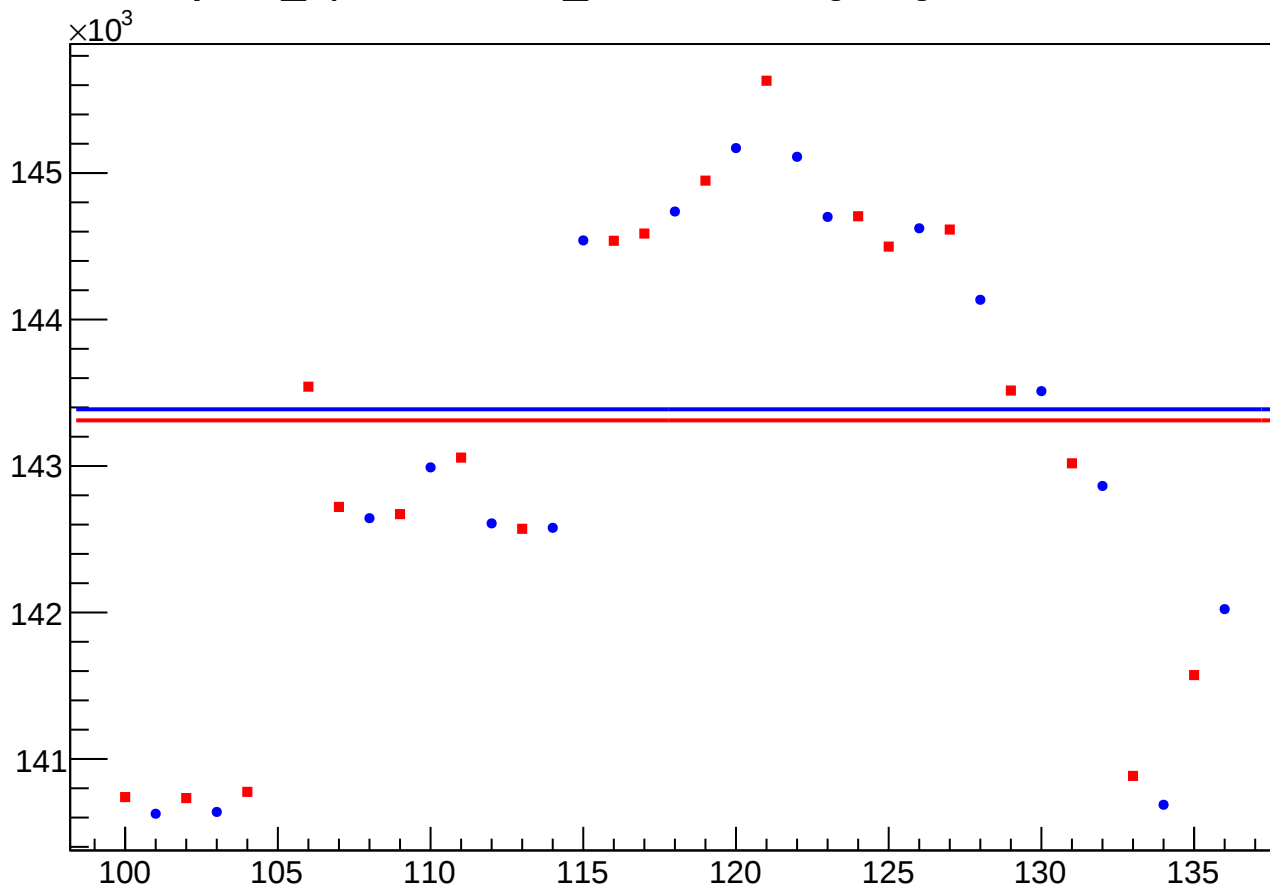
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.883+/-0.045 χ^2/NDF : 1154088.7/16

150.011+/-0.031 χ^2/NDF : 2329601.4/35

147.408+/-0.042 χ^2/NDF : 1167579.3/18

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

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

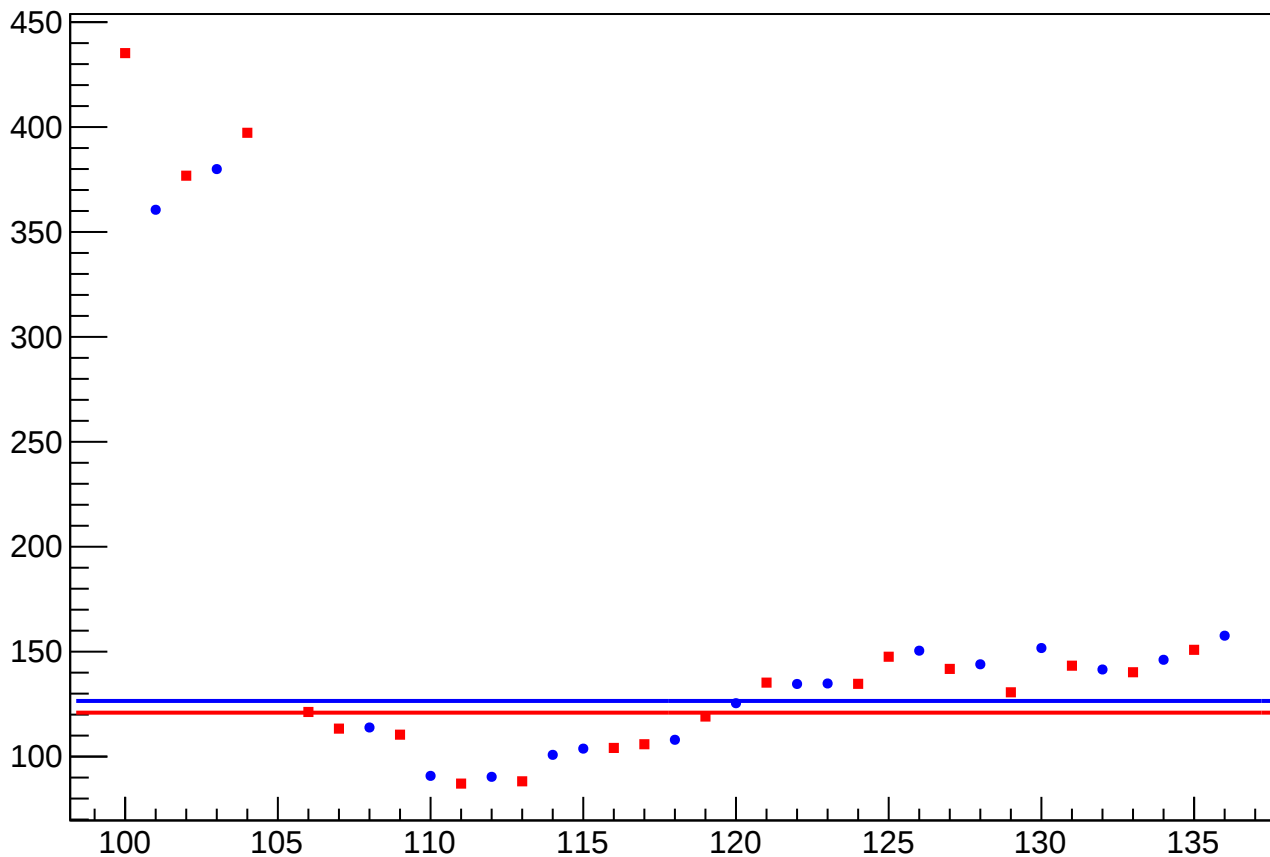
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

143346.779 $\pm$ 0.036 χ^2 /NDF: 113242475

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

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 126.514 $\pm$ 0.037 χ^2 /NDF: 1441685.0/16

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

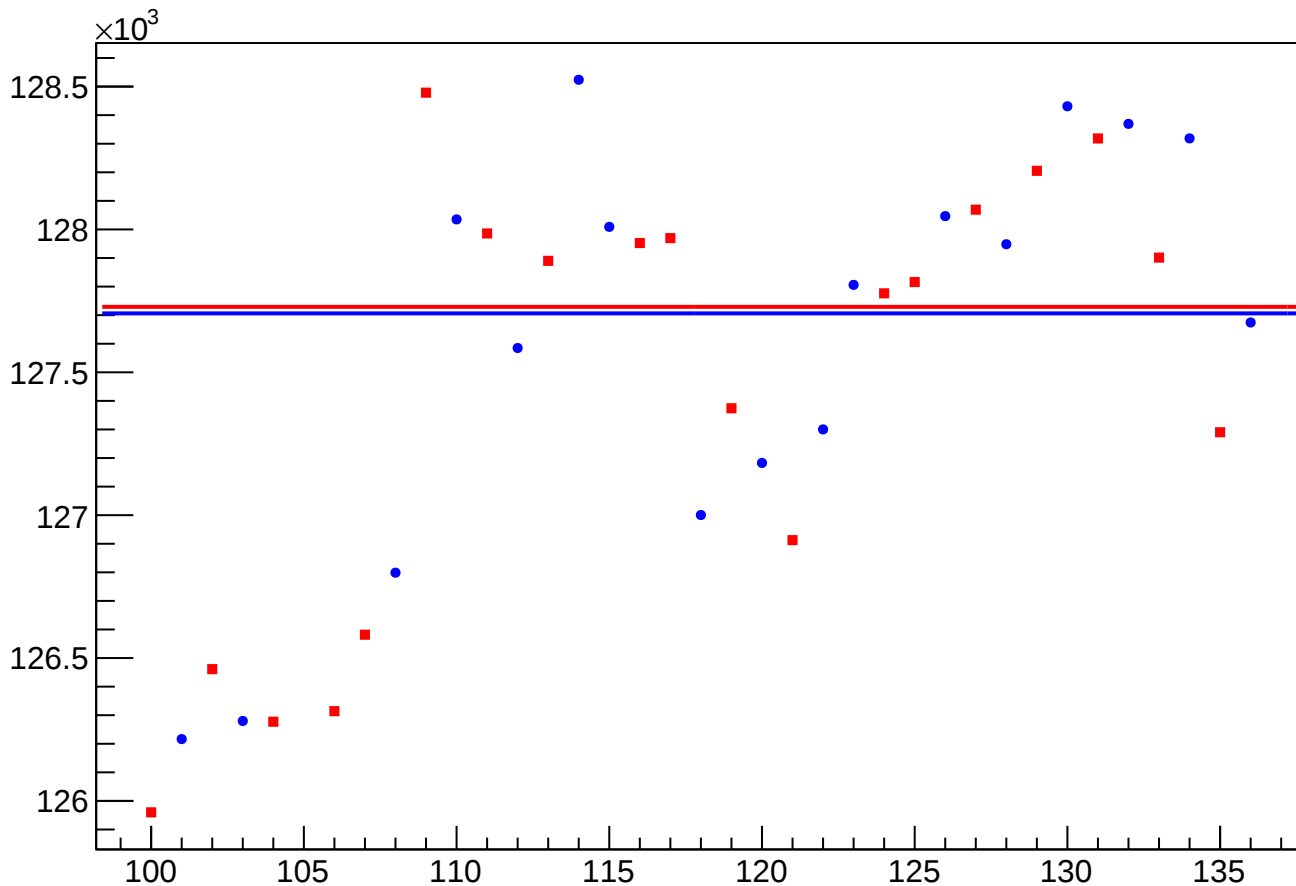
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.514 $\pm$ 0.037 χ^2 /NDF: 1441685.0/16

123.537 $\pm$ 0.025 χ^2 /NDF: 2896820.3/35

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

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127706.194 $\pm$ 0.058 χ^2 /NDF: 97860521.1/16

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

127706.194 $\pm$ 0.058 χ^2 /NDF: 97860521.1/16

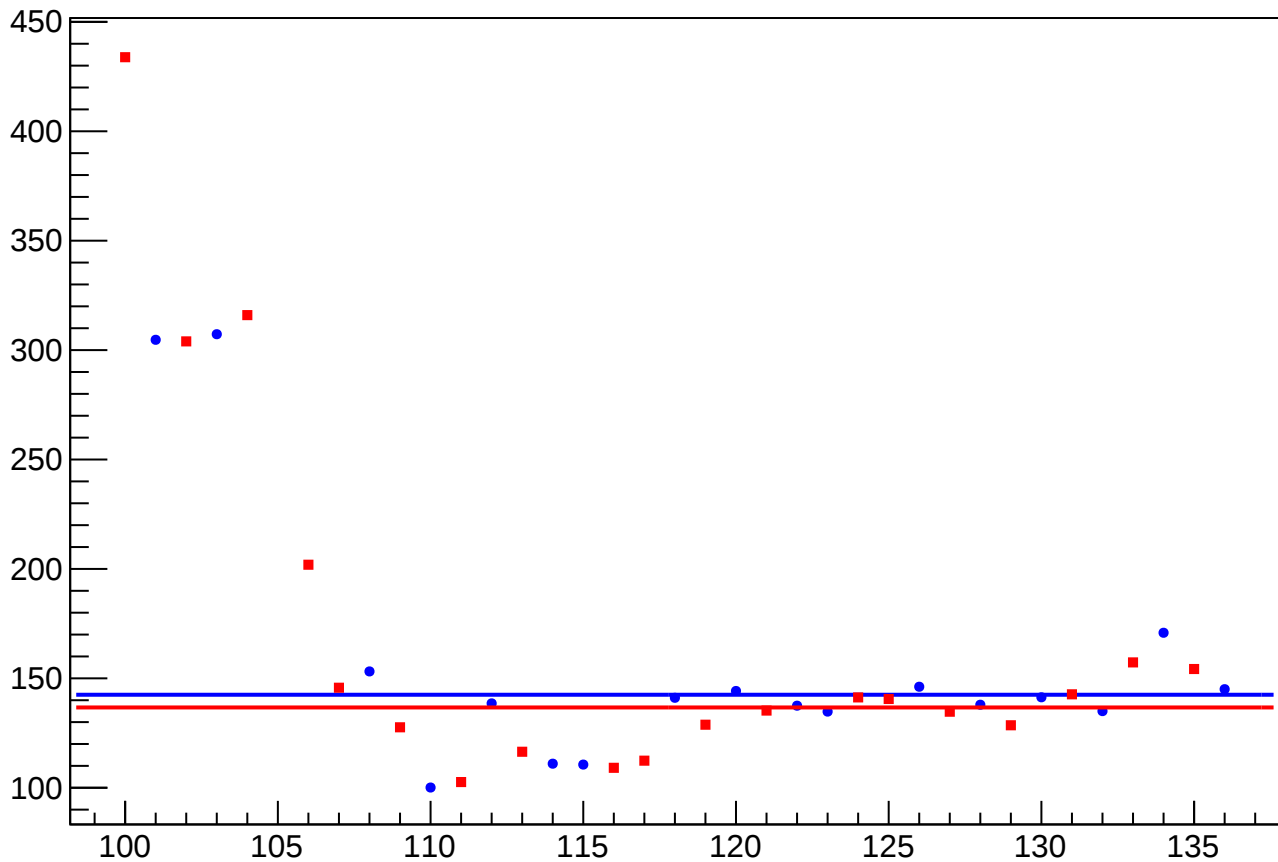
127718.282 $\pm$ 0.040 χ^2 /NDF: 210683647

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

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

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.502 $\pm$ 0.041 χ^2 /NDF: 836263.7/16

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

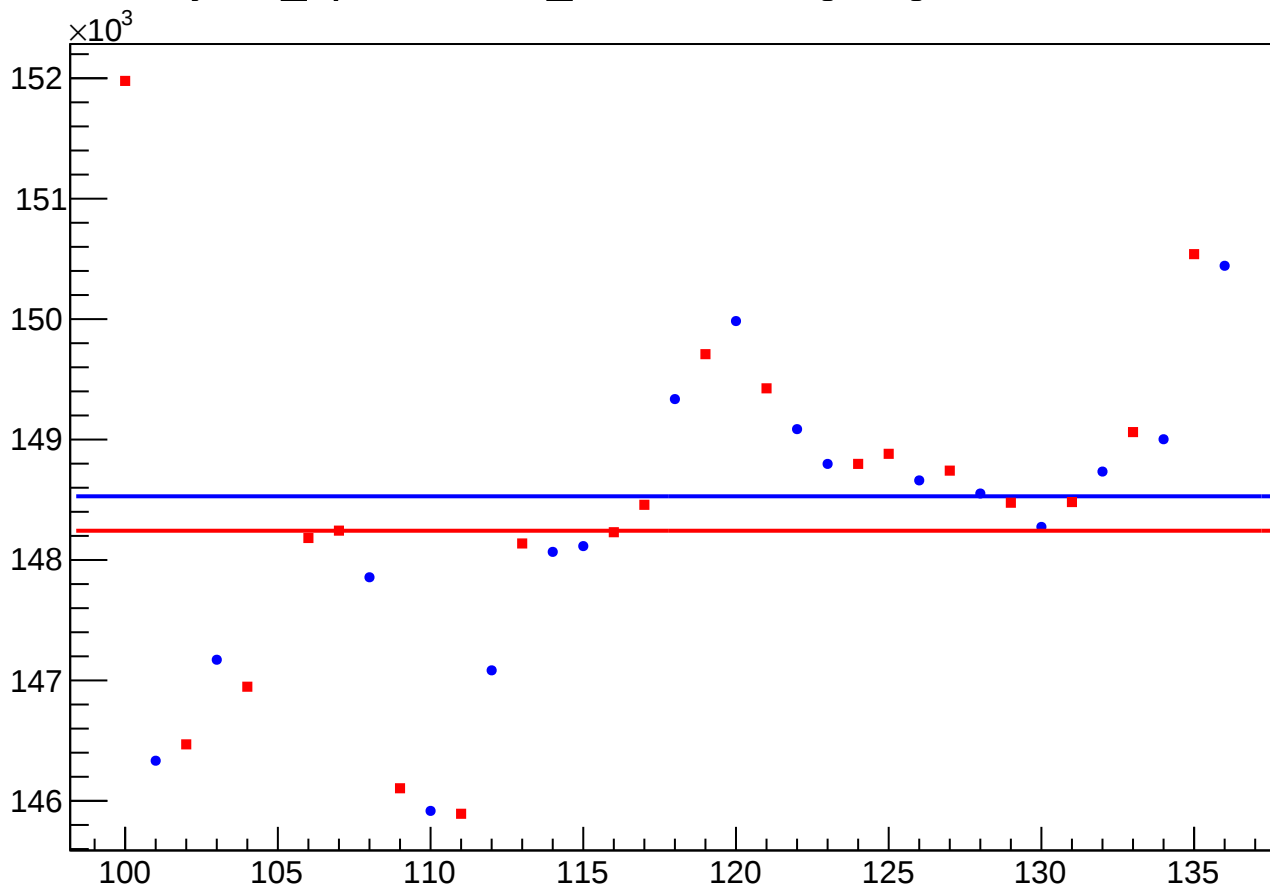
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.502 $\pm$ 0.041 χ^2 /NDF: 836263.7/16

139.438 $\pm$ 0.028 χ^2 /NDF: 1806382.4/35

136.694 $\pm$ 0.039 χ^2 /NDF: 959563.2/18

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148528.851 ± 0.082 χ^2/NDF : 209986594.2/16

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

Right Out: 148242.913 ± 0.077 χ^2/NDF : 273900341.8/18

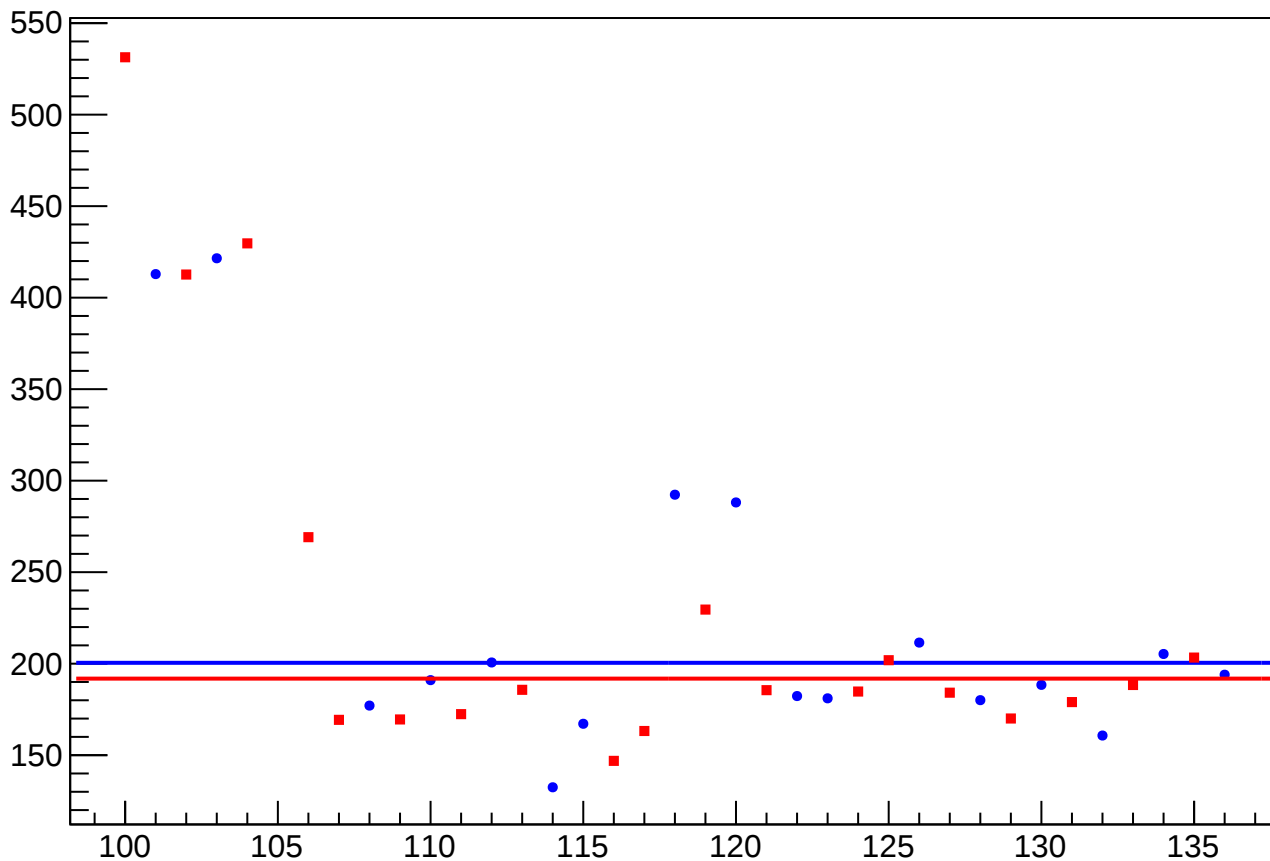
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

148528.851 ± 0.082 χ^2/NDF : 209986594.2/16

148376.975 ± 0.056 χ^2/NDF : 490334328

148242.913 ± 0.077 χ^2/NDF : 273900341.8/18

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 200.472+/-0.058 χ^2/NDF : 936547.2/16

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

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

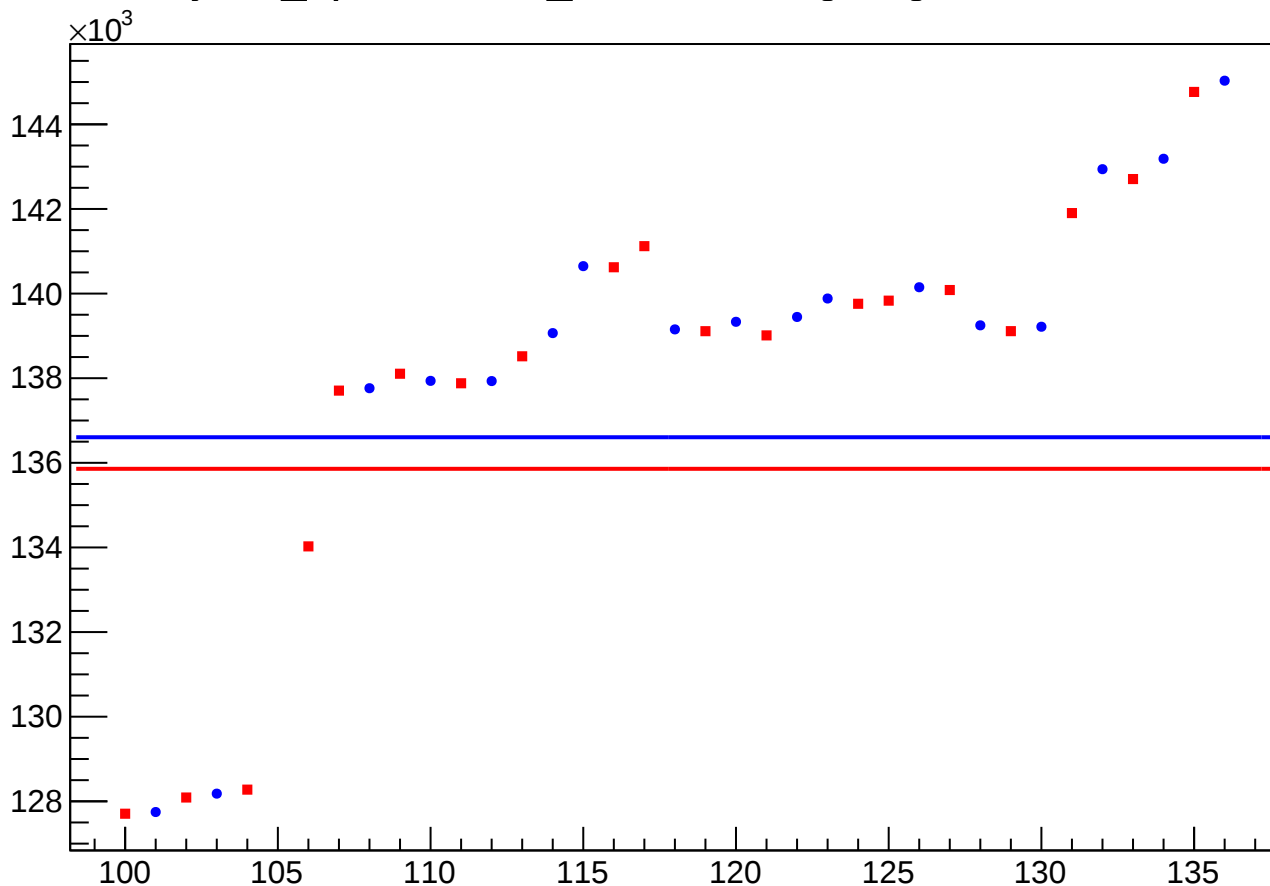
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.472+/-0.058 χ^2/NDF : 936547.2/16

195.886+/-0.040 χ^2/NDF : 1794923.1/35

191.837+/-0.055 χ^2/NDF : 846615.5/18

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

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

136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

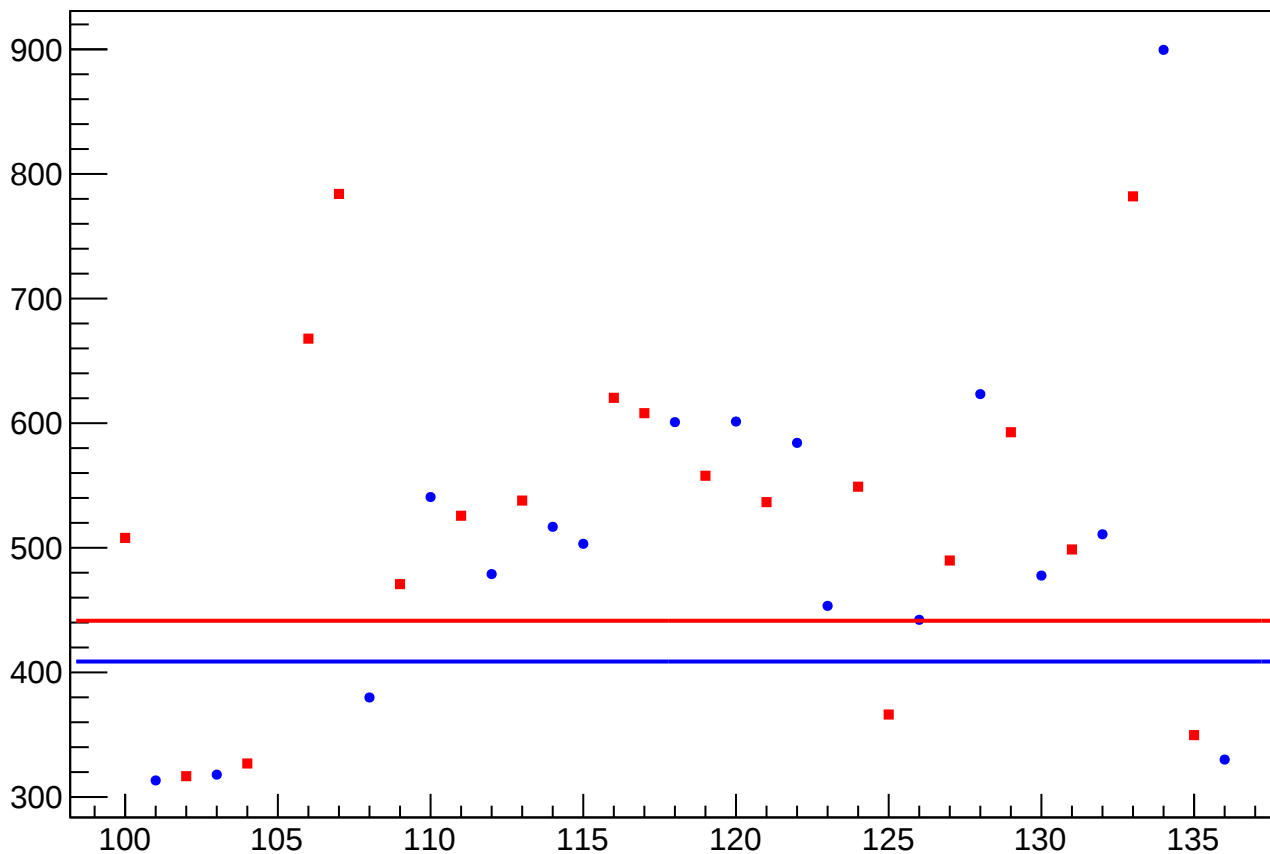
136257.565 $\pm$ 0.125 χ^2 /NDF: 255051530

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

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

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

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 408.729+/-0.121 χ^2/NDF : 823262.8/16

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

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

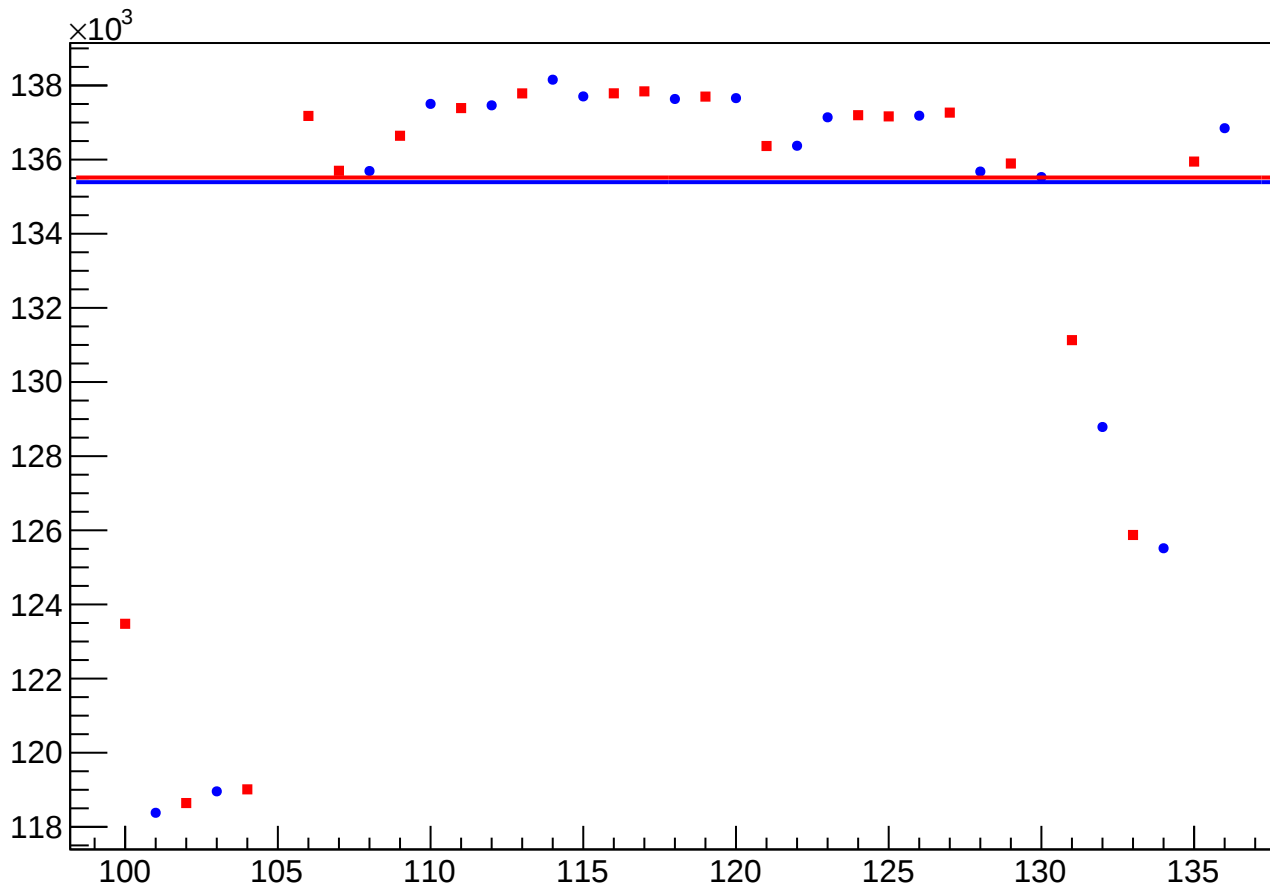
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

408.729+/-0.121 χ^2/NDF : 823262.8/16

423.946+/-0.089 χ^2/NDF : 1754092.9/35

441.443+/-0.130 χ^2/NDF : 896955.7/18

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135391.458 $\pm$ 0.068 χ^2 /NDF: 4580024611.0/16

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

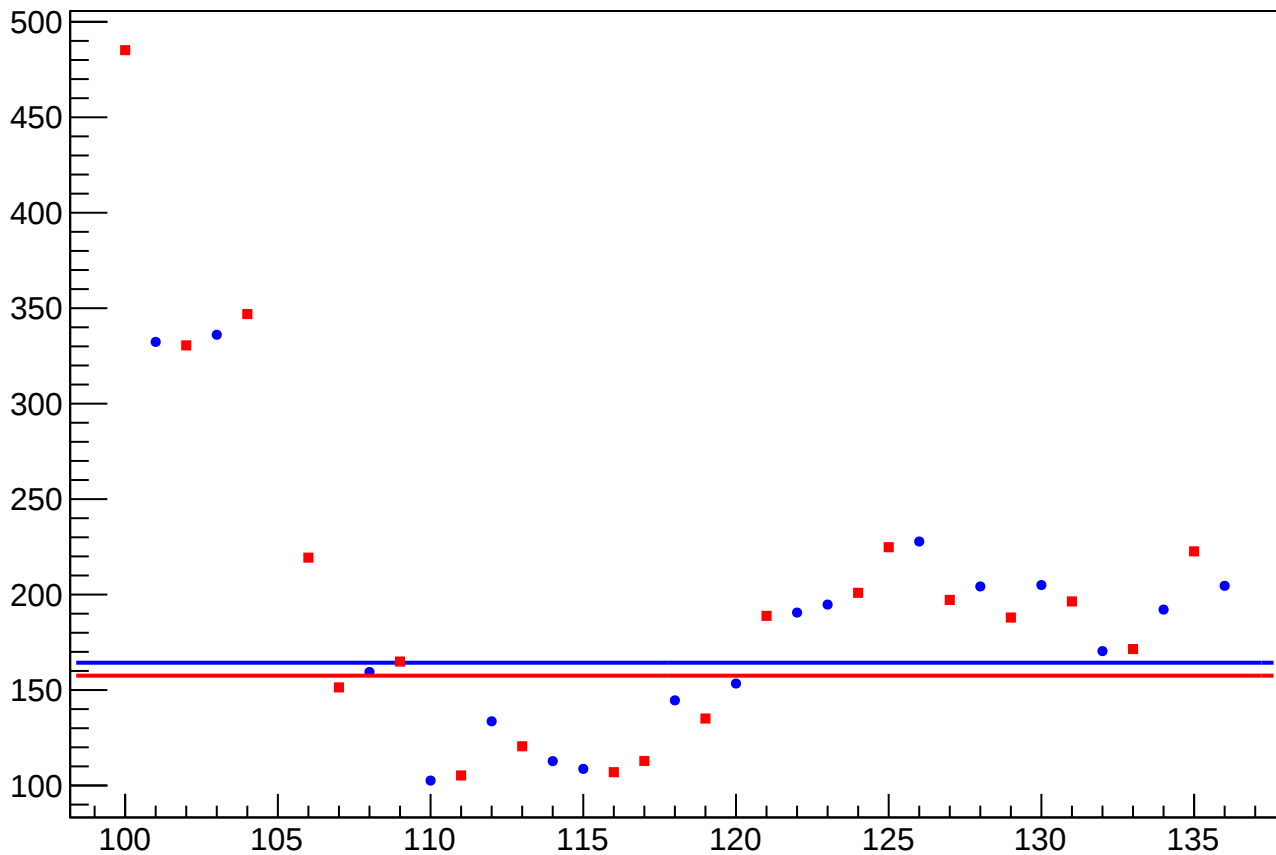
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135391.458 $\pm$ 0.068 χ^2 /NDF: 4580024611.0/16

135457.724 $\pm$ 0.047 χ^2 /NDF: 932528954

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

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 164.311+/-0.048 χ^2/NDF : 1230487.8/16

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

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

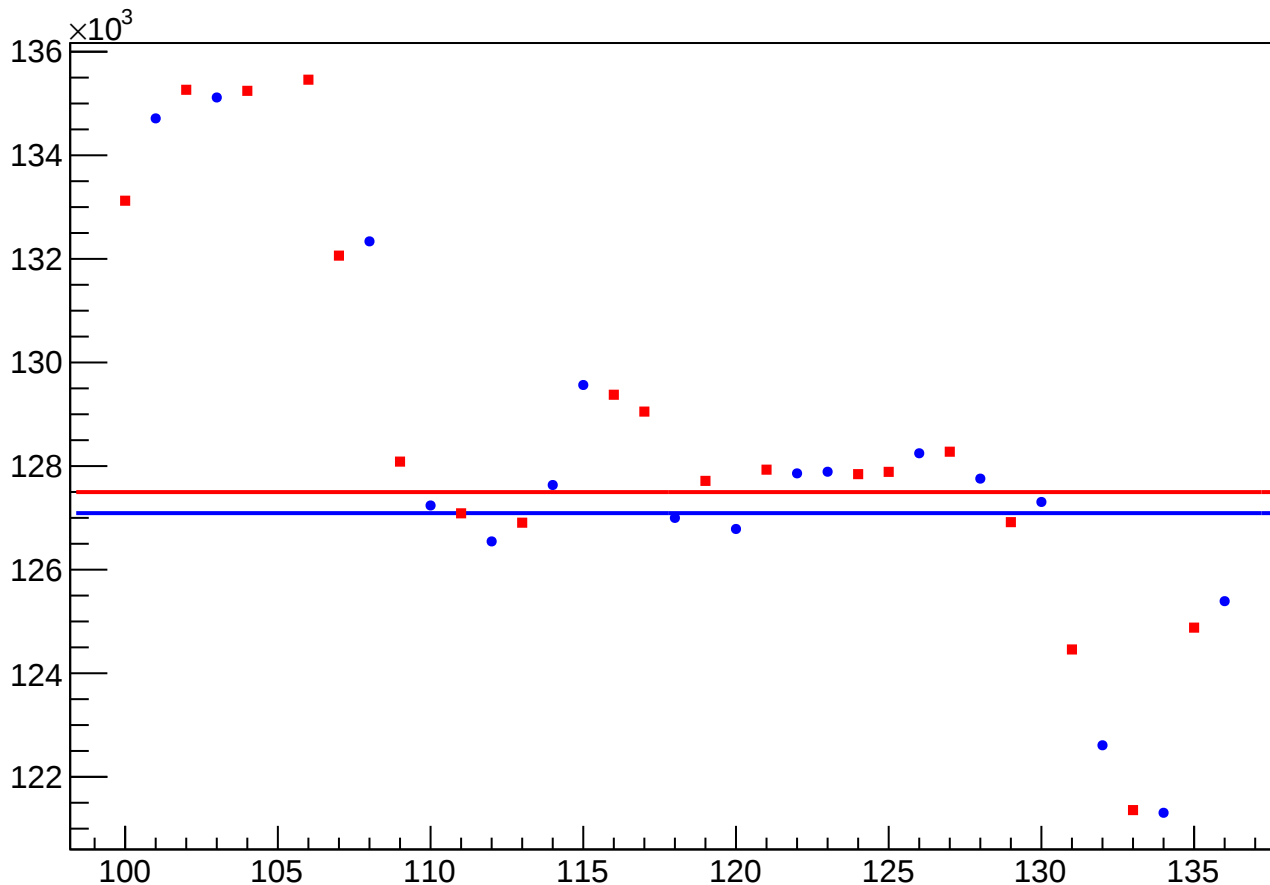
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.311+/-0.048 χ^2/NDF : 1230487.8/16

160.727+/-0.033 χ^2/NDF : 2621791.7/35

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

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127091.500 $\pm$ 0.066 χ^2 /NDF: 1717208780.6/16

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

127091.500 $\pm$ 0.066 χ^2 /NDF: 1717208780.6/16

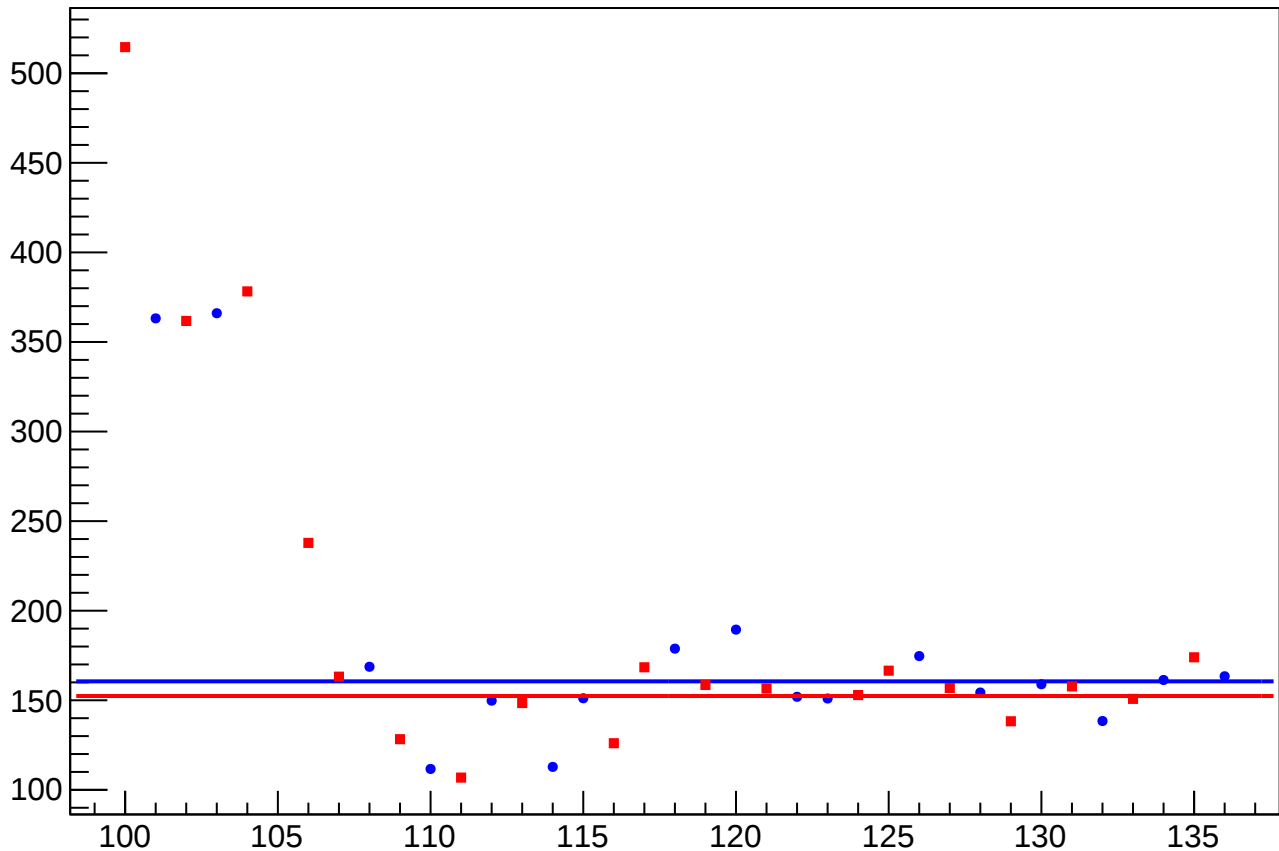
127307.649 $\pm$ 0.045 χ^2 /NDF: 379118077

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

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

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

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.564+/-0.047 χ^2/NDF : 942747.0/16

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

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

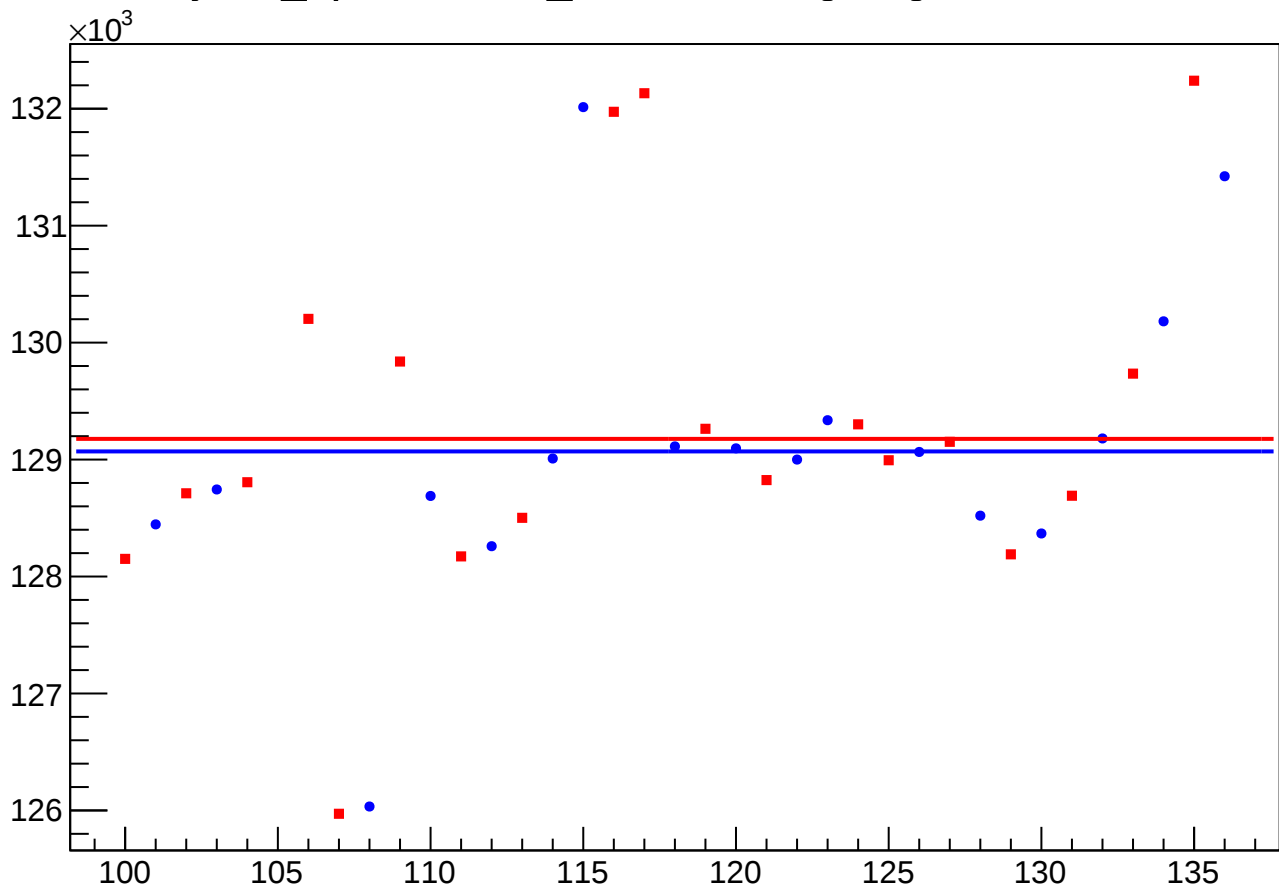
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.564+/-0.047 χ^2/NDF : 942747.0/16

156.210+/-0.032 χ^2/NDF : 2043935.2/35

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

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129069.668 $\pm$ 0.060 χ^2 /NDF: 476692316.5/16

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

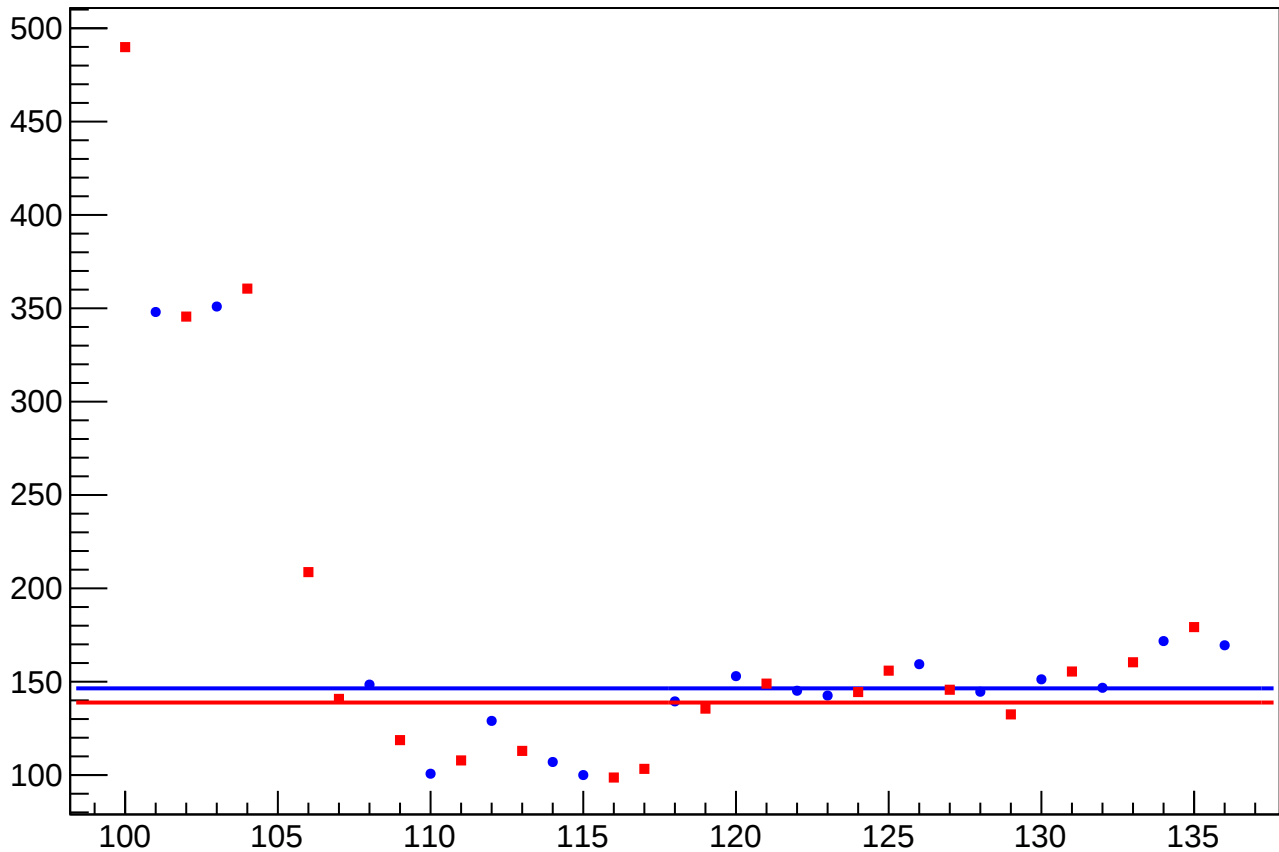
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

129069.668 $\pm$ 0.060 χ^2 /NDF: 476692316.5/16

129126.850 $\pm$ 0.041 χ^2 /NDF: 111132823.7/16

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

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 146.437+/-0.043 χ^2/NDF : 1064791.0/16

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

Right Out: 138.842+/-0.040 χ^2/NDF : 1202186.4/18

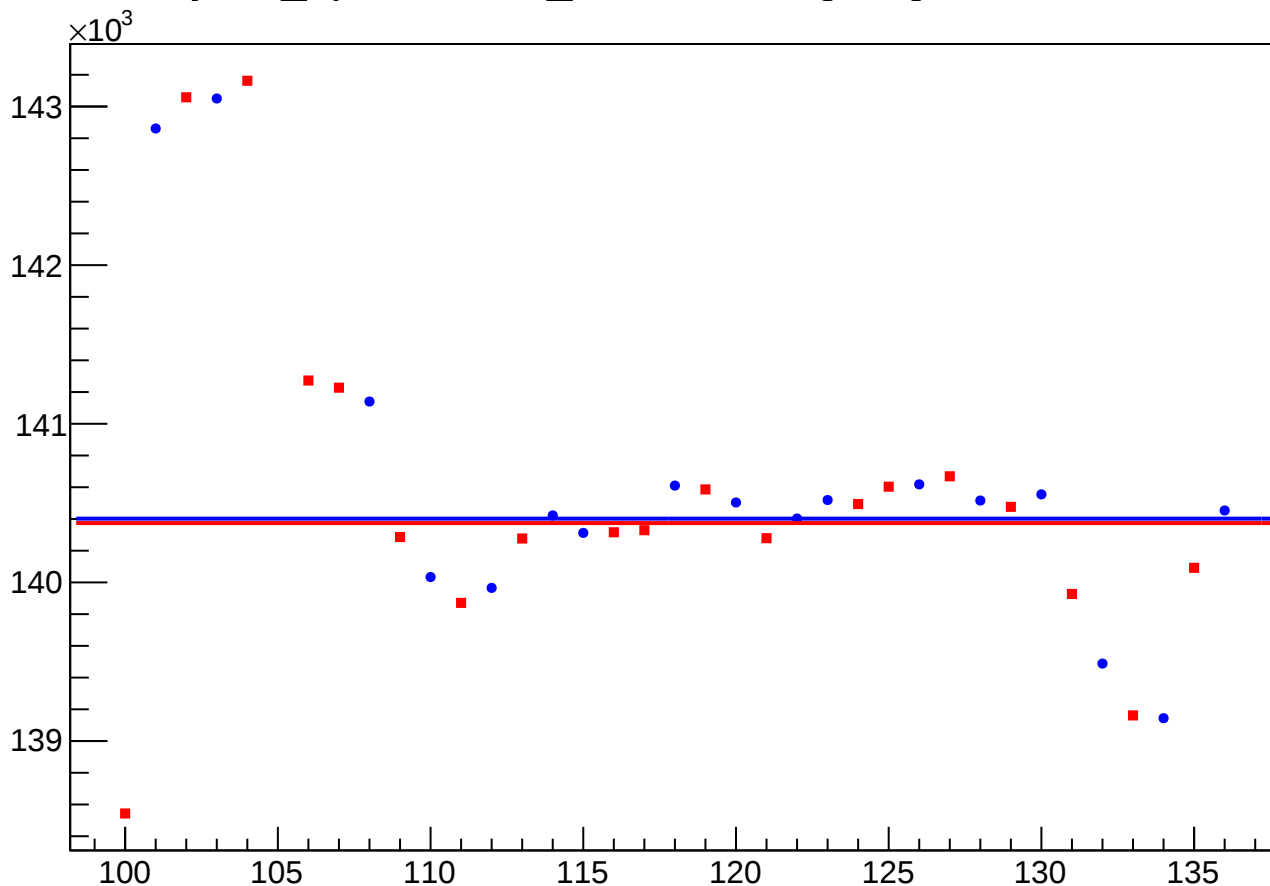
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.437+/-0.043 χ^2/NDF : 1064791.0/16

142.389+/-0.029 χ^2/NDF : 2283964.9/35

138.842+/-0.040 χ^2/NDF : 1202186.4/18

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

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

140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

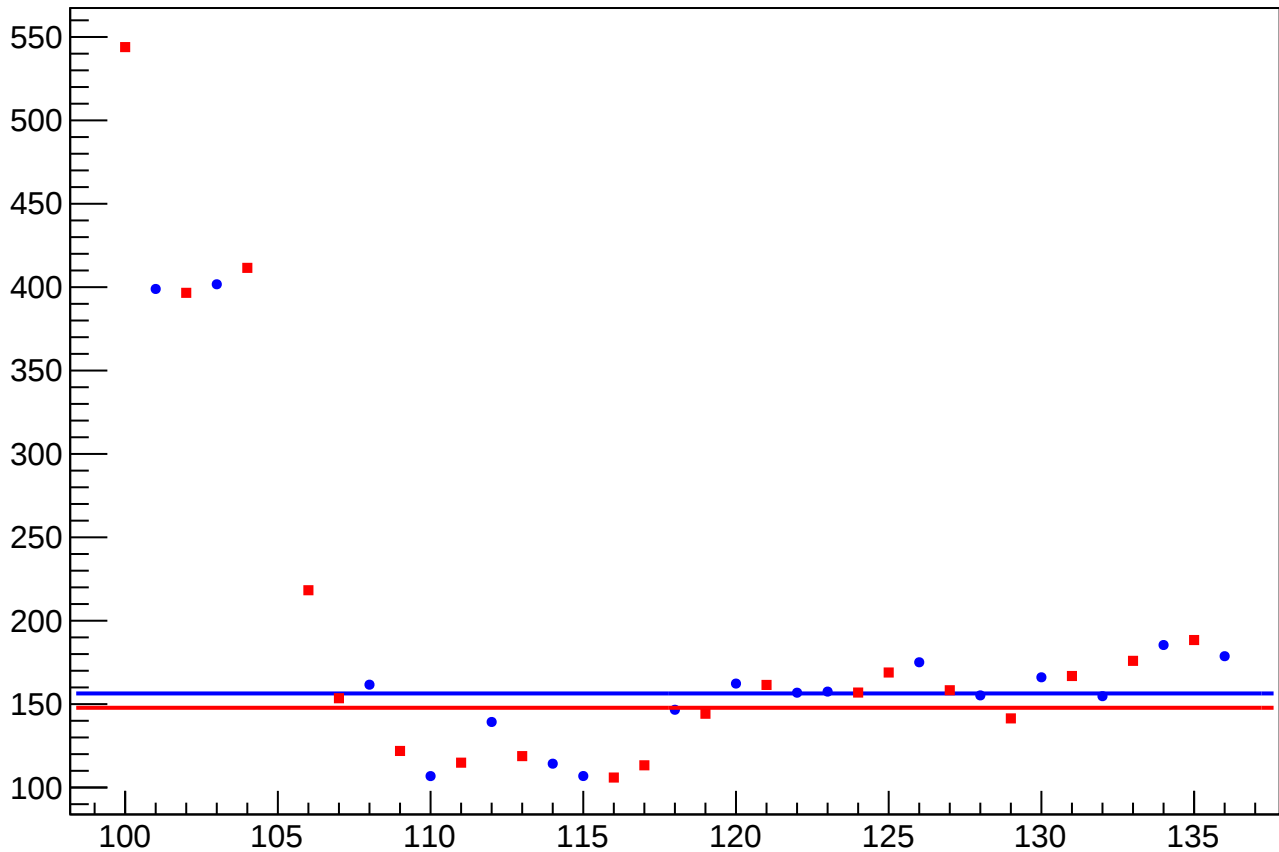
Right Out: 140374.037 $\pm$ 0.060 χ^2 /NDF: 99833148.6/18

140387.065 $\pm$ 0.044 χ^2 /NDF: 188005885

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

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 156.394+/-0.046 χ^2/NDF : 1154804.2/16

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

Right Out: 147.801+/-0.042 χ^2/NDF : 1301235.0/18

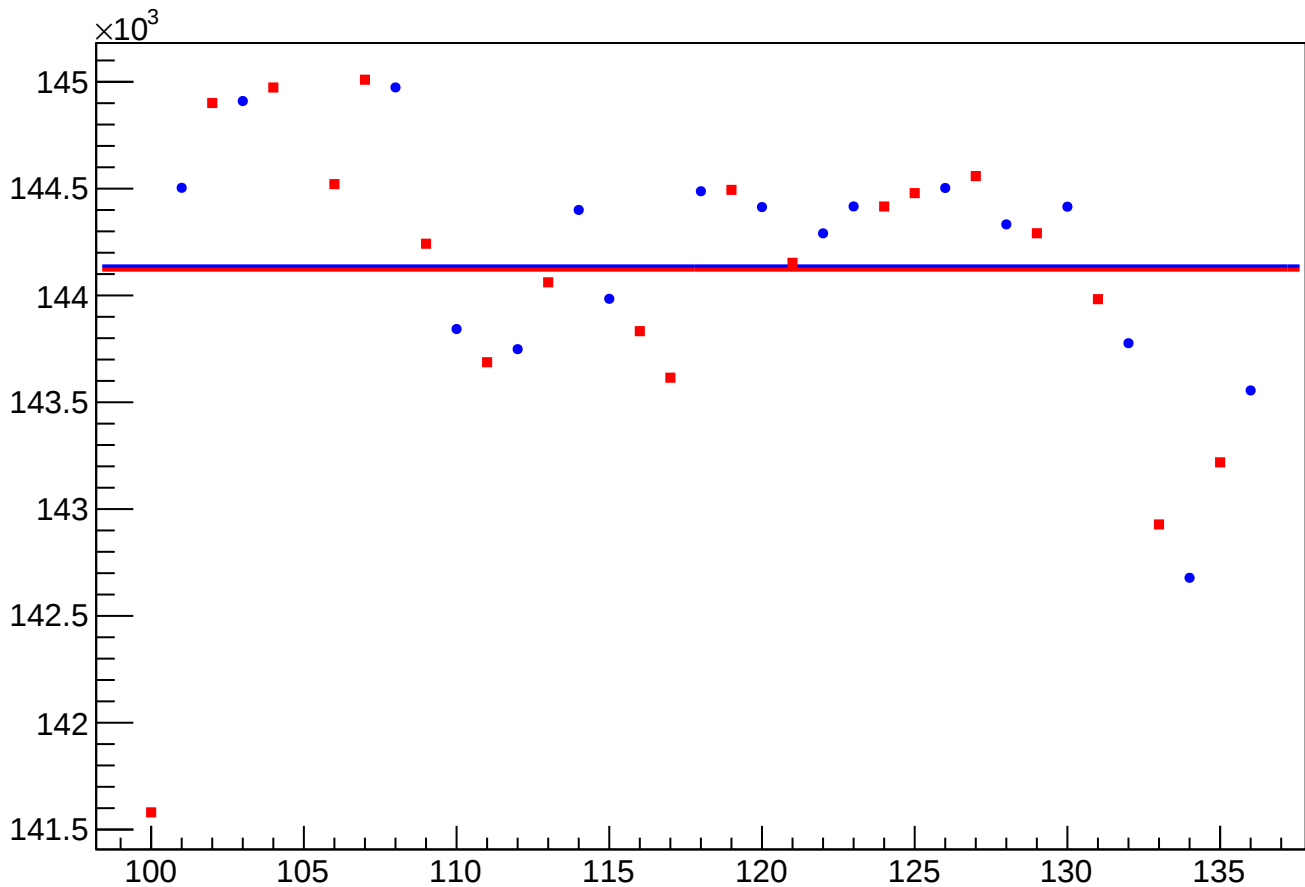
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.394+/-0.046 χ^2/NDF : 1154804.2/16

151.803+/-0.031 χ^2/NDF : 2475093.5/35

147.801+/-0.042 χ^2/NDF : 1301235.0/18

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144136.118 $\pm$ 0.067 χ^2 /NDF: 47069480.3/16

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

144136.118 $\pm$ 0.067 χ^2 /NDF: 47069480.3/16

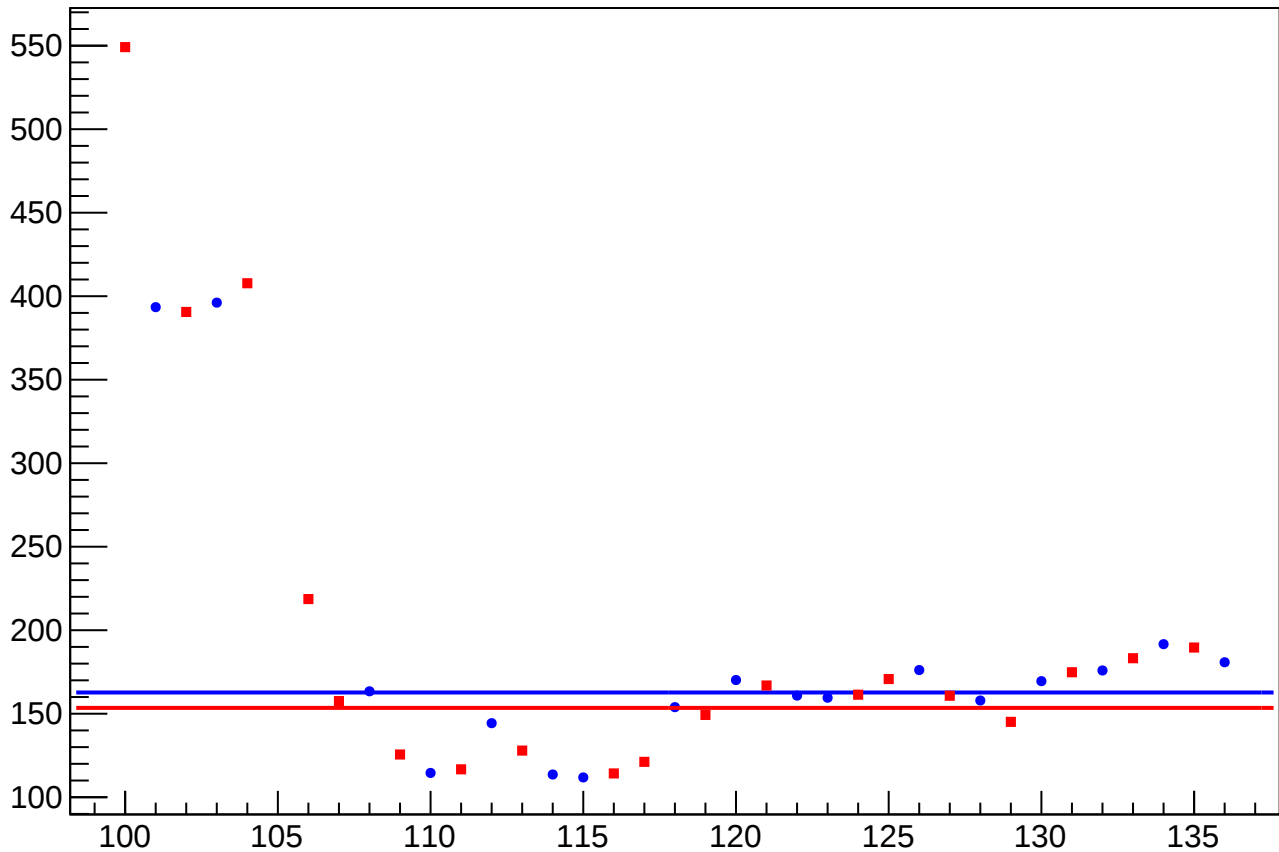
Right Out: 144120.657 $\pm$ 0.062 χ^2 /NDF: 62425052.5/18

144127.835 $\pm$ 0.045 χ^2 /NDF: 109523255

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

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 162.714 $\pm$ 0.047 χ^2 /NDF: 1066482.0/16

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

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

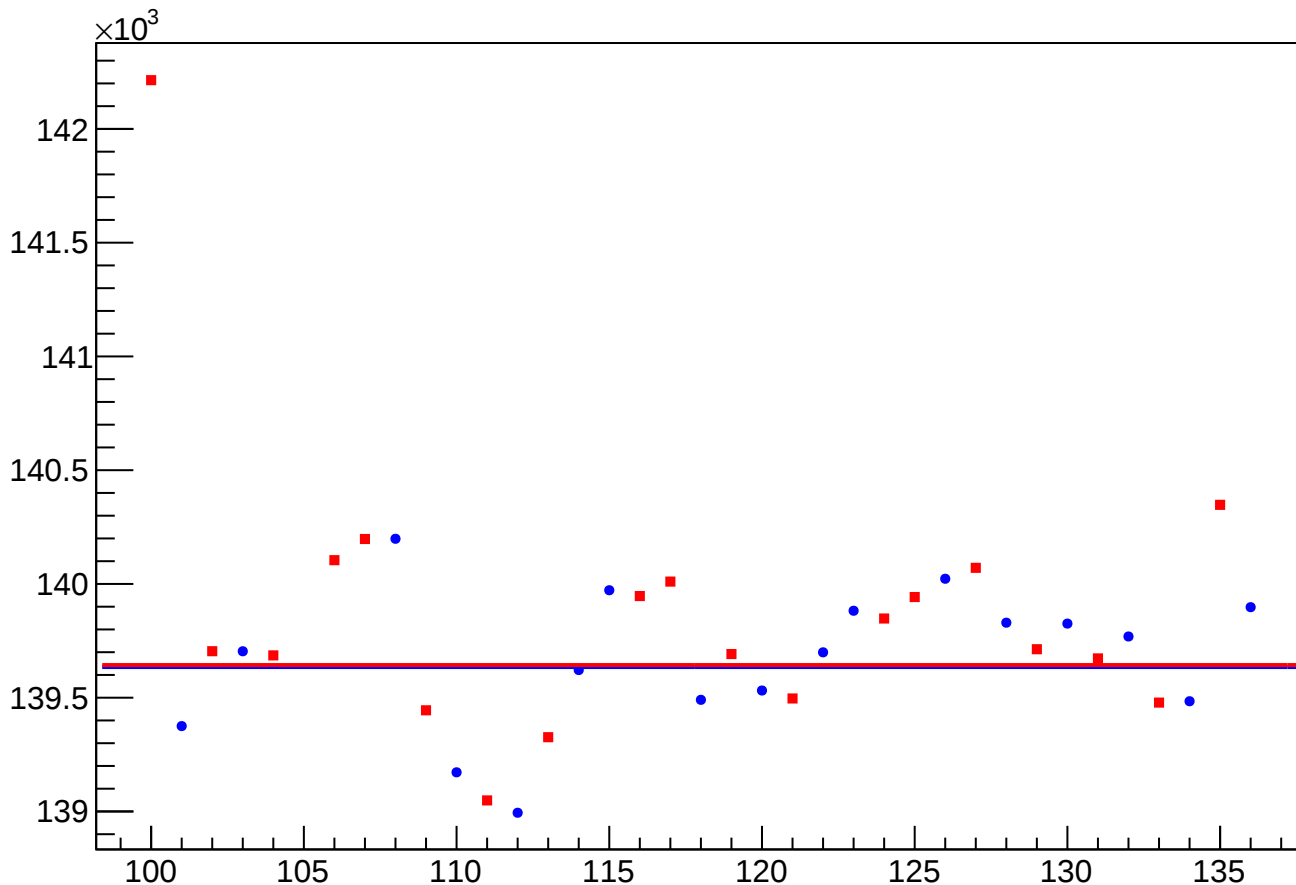
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

162.714 $\pm$ 0.047 χ^2 /NDF: 1066482.0/16

157.777 $\pm$ 0.032 χ^2 /NDF: 2299393.5/35

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

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

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

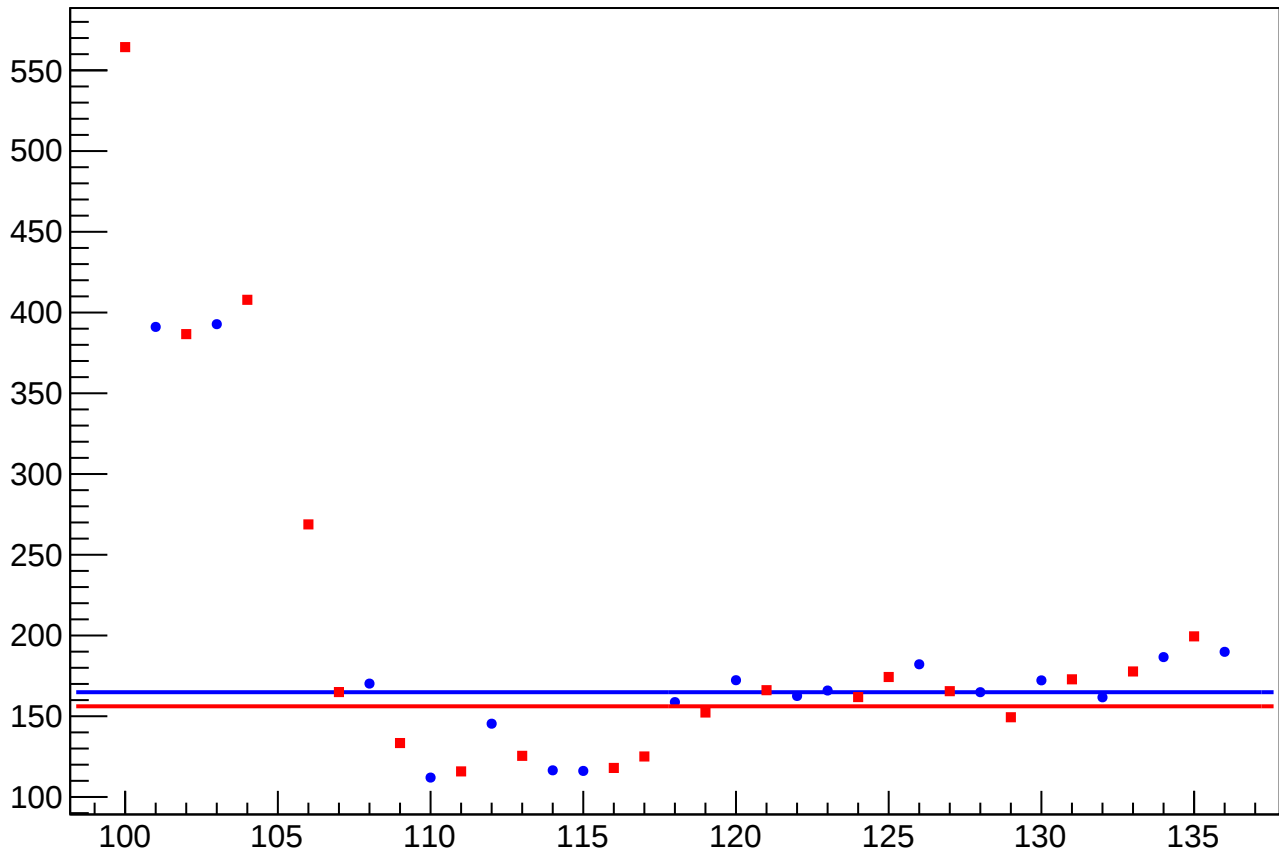
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

139639.424 $\pm$ 0.046 χ^2 /NDF: 57506026.7

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

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.884 $\pm$ 0.048 χ^2 /NDF: 1066270.8/16

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

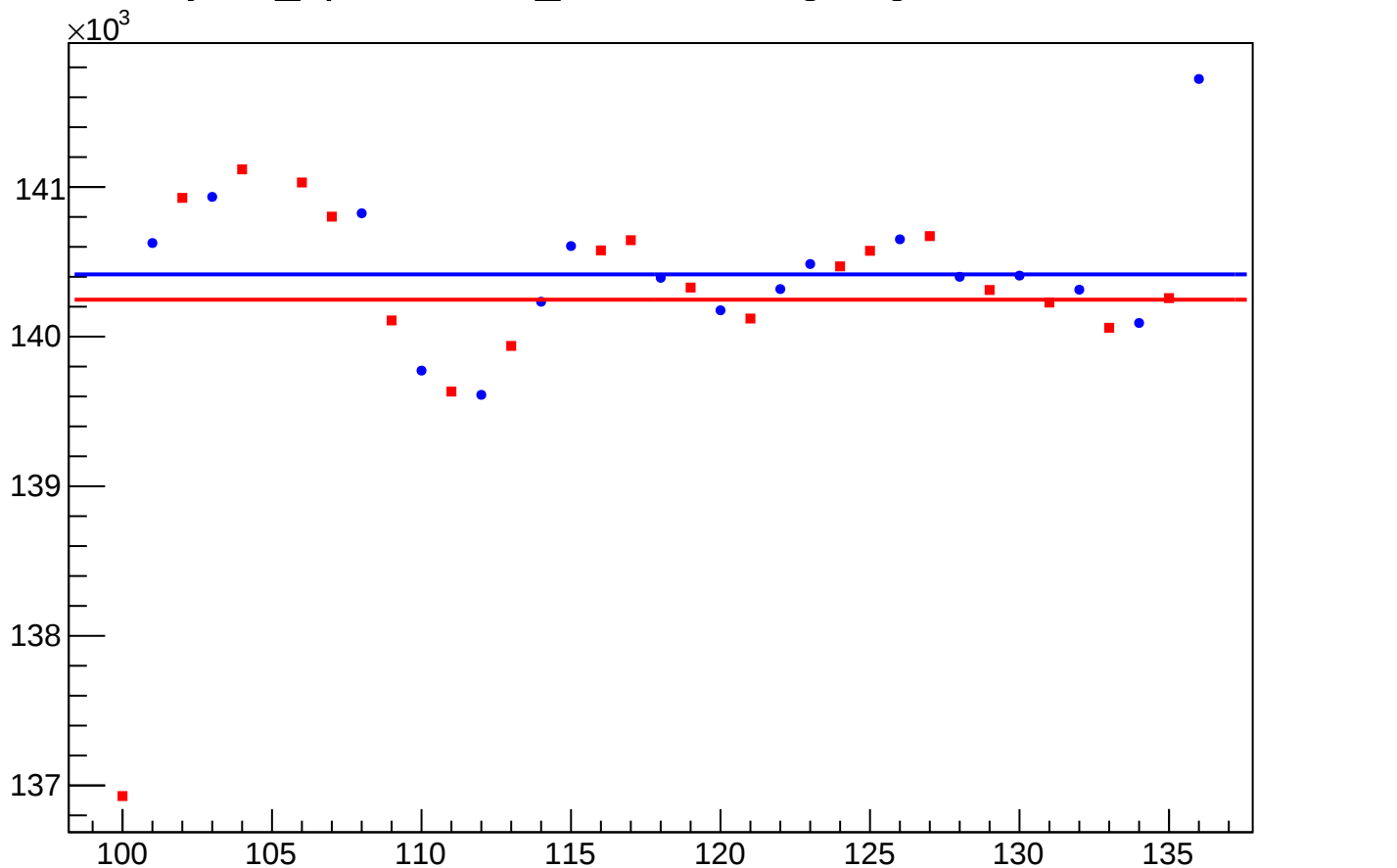
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

164.884 $\pm$ 0.048 χ^2 /NDF: 1066270.8/16

160.224 $\pm$ 0.033 χ^2 /NDF: 2322403.0/35

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

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140416.064 $\pm$ 0.068 χ^2 /NDF: 69975821.3/16

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

140416.064 $\pm$ 0.068 χ^2 /NDF: 69975821.3/16

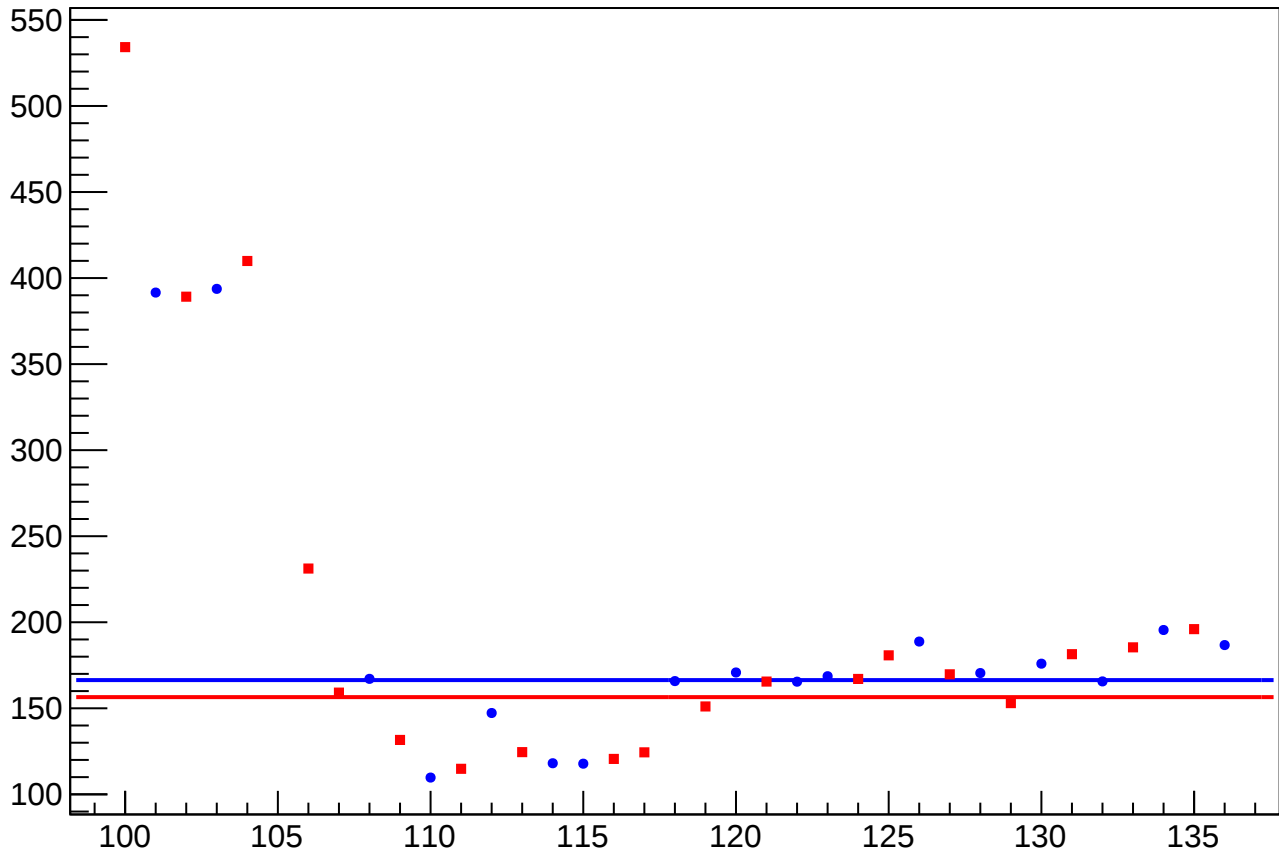
Right Out: 140246.878 $\pm$ 0.063 χ^2 /NDF: 36111349.1/18

140325.185 $\pm$ 0.047 χ^2 /NDF: 109374111

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

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

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388+/-0.048 χ^2/NDF : 1080964.8/16

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

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

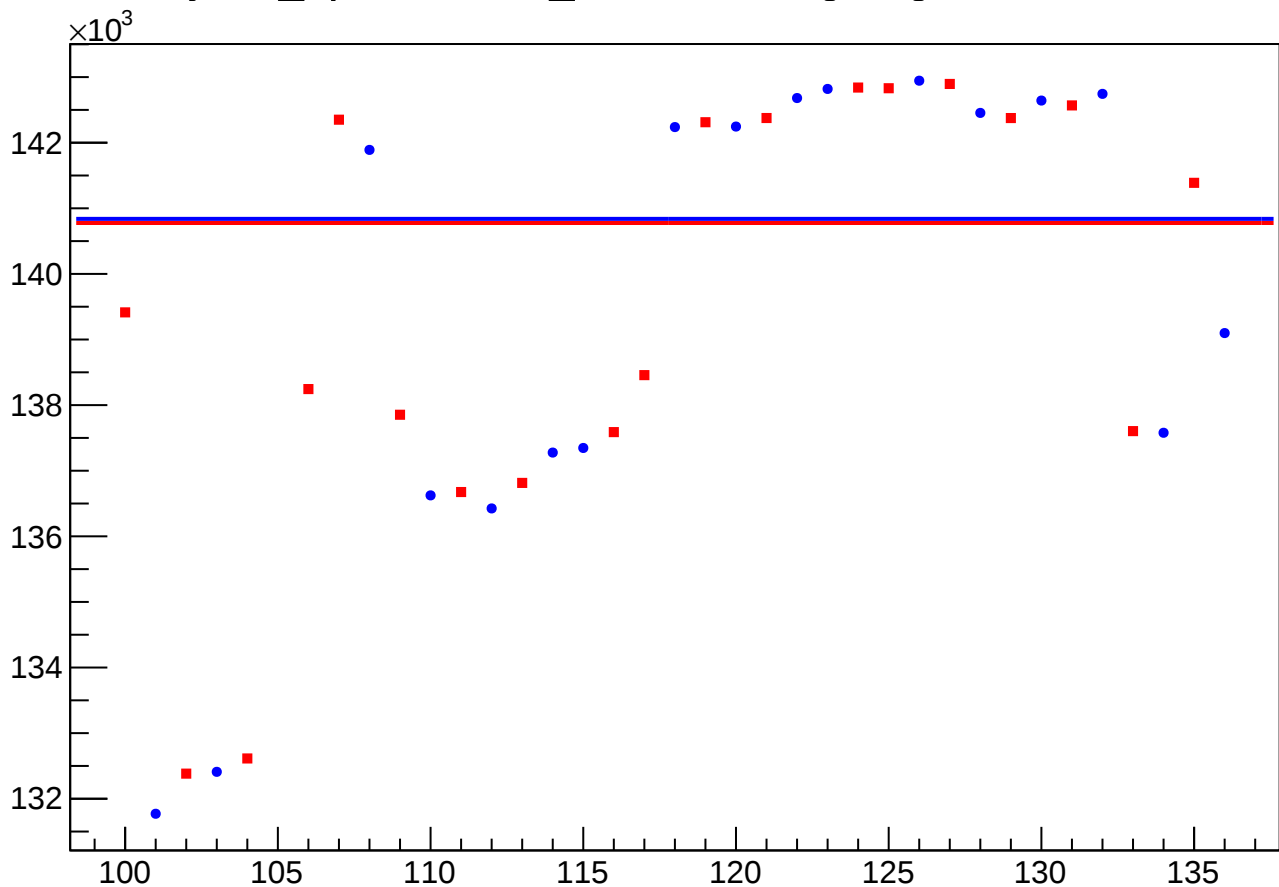
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

166.388+/-0.048 χ^2/NDF : 1080964.8/16

161.073+/-0.033 χ^2/NDF : 2330664.8/35

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

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

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

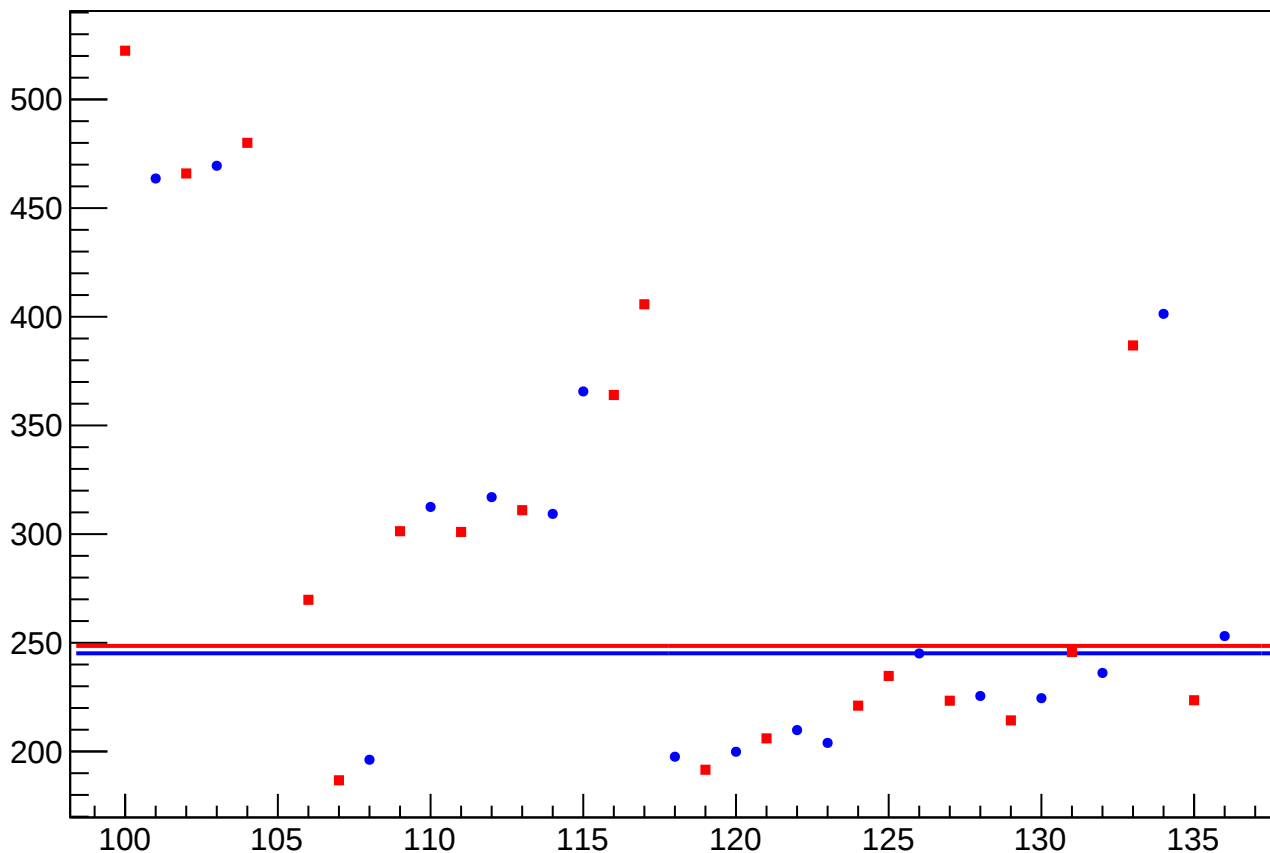
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

140807.564 $\pm$ 0.071 χ^2 /NDF: 160717821

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

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 245.159+/-0.071 χ^2/NDF : 869491.6/16

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

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

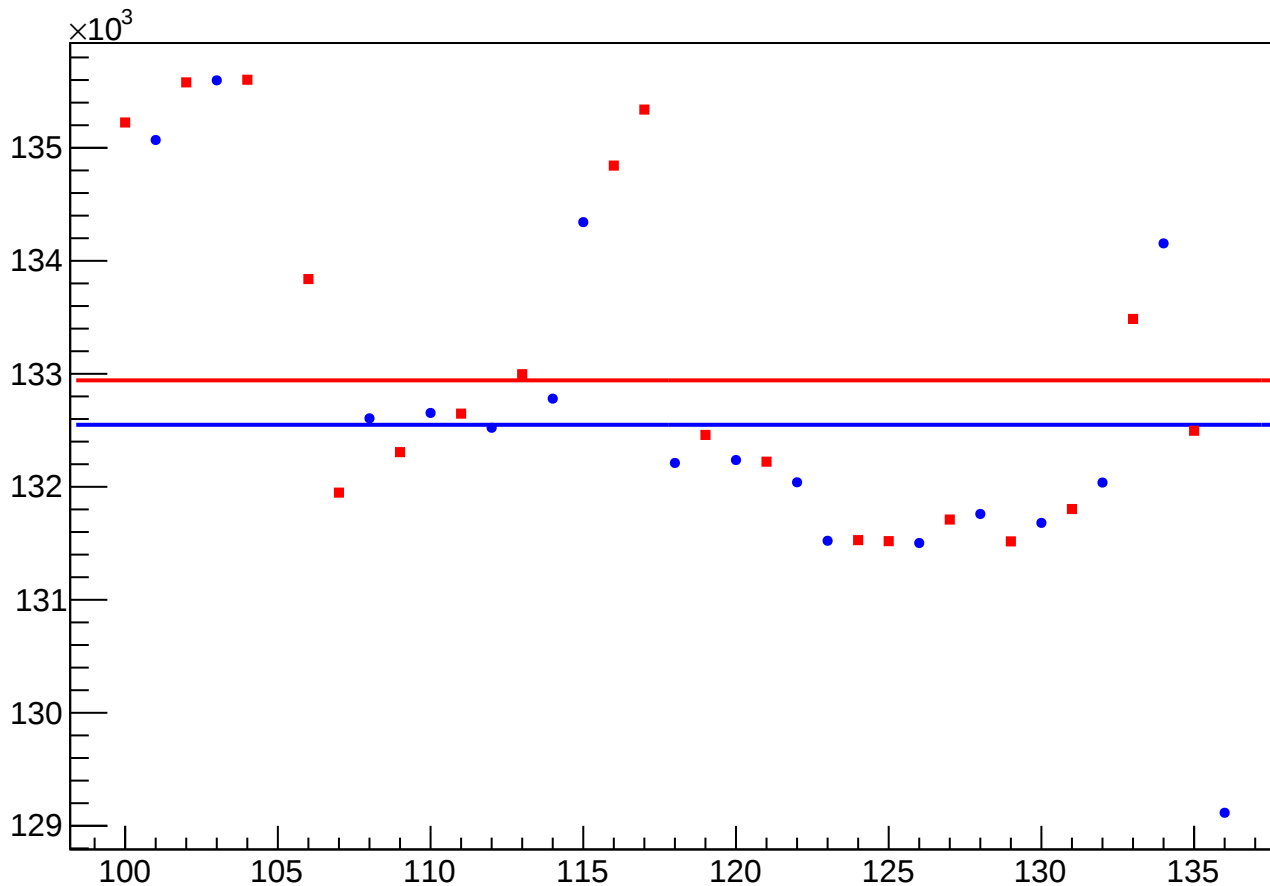
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

245.159+/-0.071 χ^2/NDF : 869491.6/16

246.866+/-0.050 χ^2/NDF : 1876778.8/35

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

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

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

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

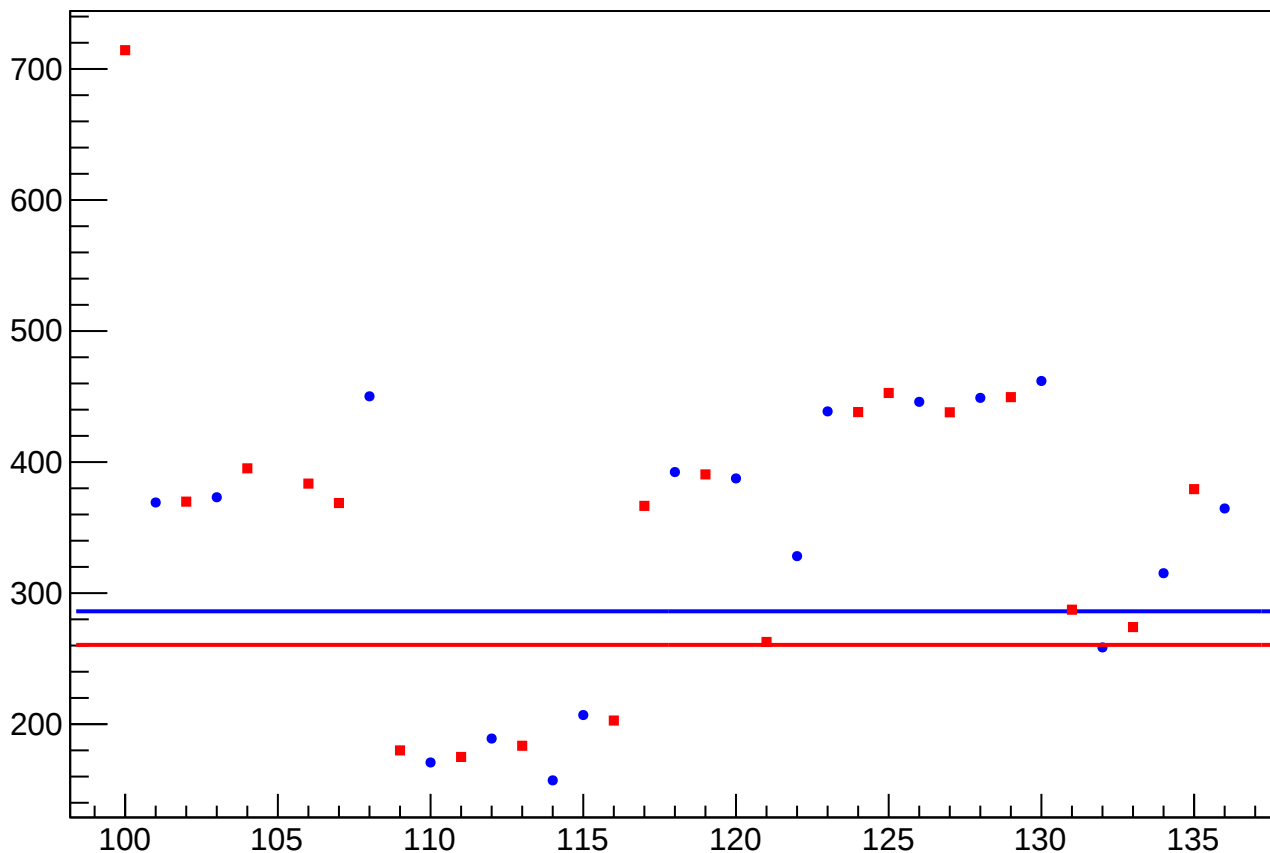
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

132765.414 $\pm$ 0.080 χ^2 /NDF: 274694145

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

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 286.122+/-0.084 χ^2/NDF : 1525266.4/16

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

Right Out: 260.500+/-0.076 χ^2/NDF : 1605959.3/18

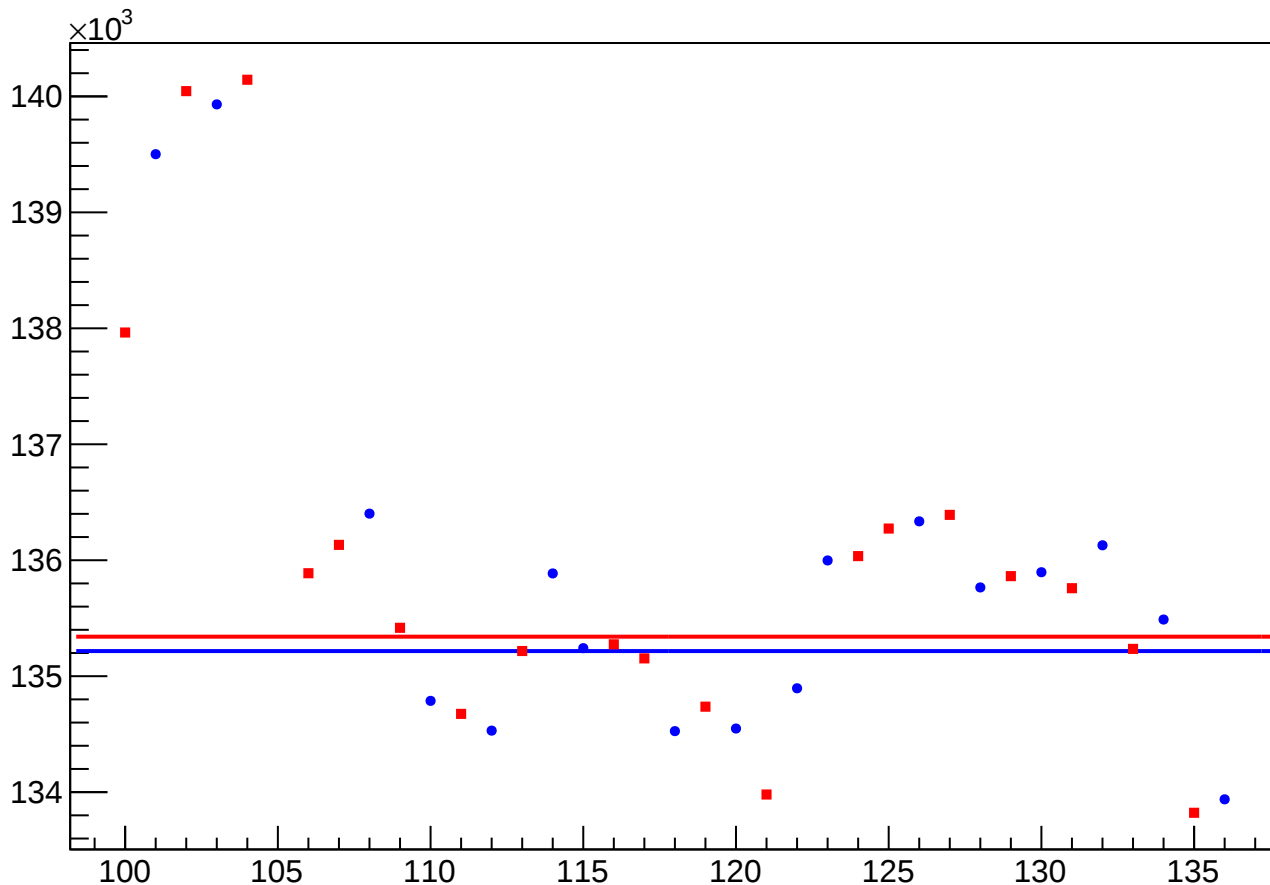
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

286.122+/-0.084 χ^2/NDF : 1525266.4/16

272.016+/-0.057 χ^2/NDF : 3181954.9/35

260.500+/-0.076 χ^2/NDF : 1605959.3/18

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

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

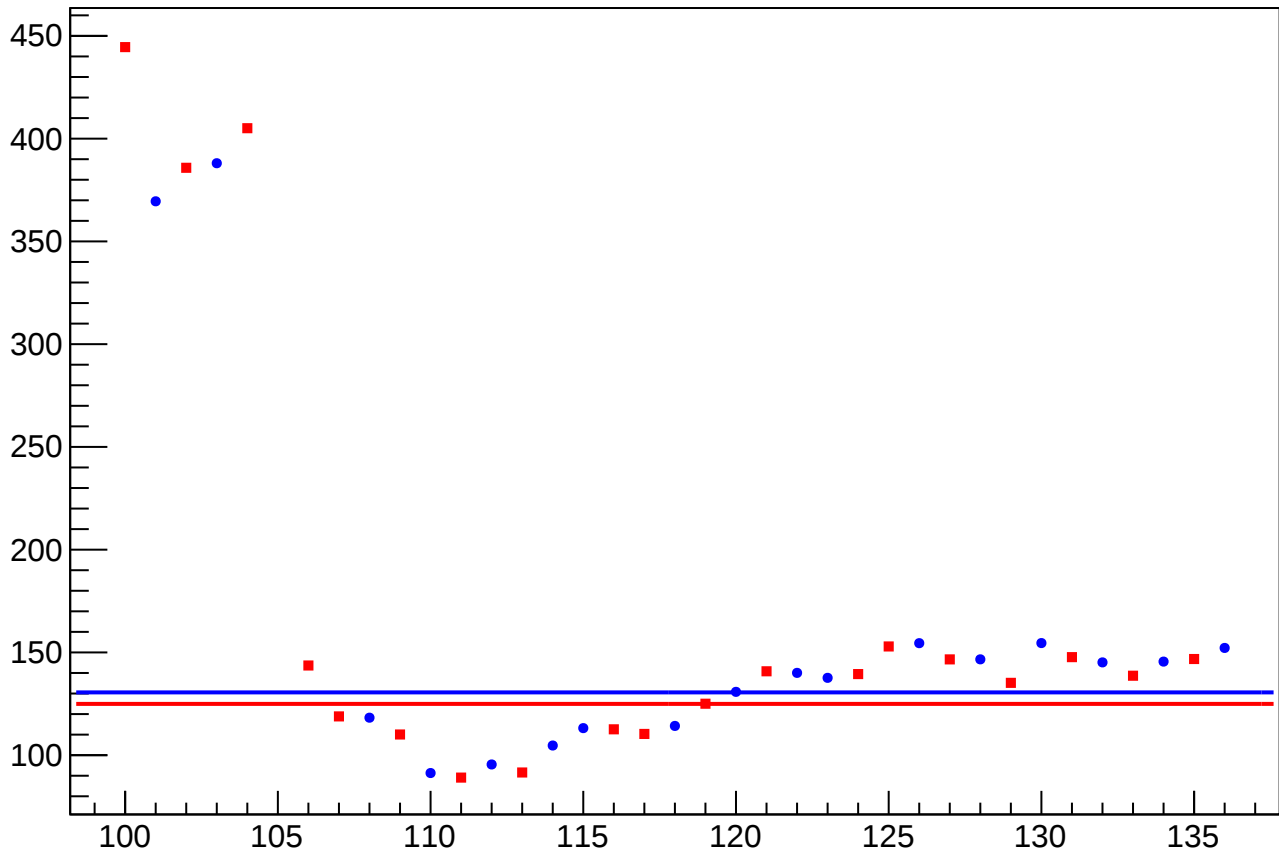
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

135282.152 $\pm$ 0.037 χ^2 /NDF: 704998791

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

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.552+/-0.038 χ^2/NDF : 1373104.9/16

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

Right Out: 124.956+/-0.036 χ^2/NDF : 1425288.3/18

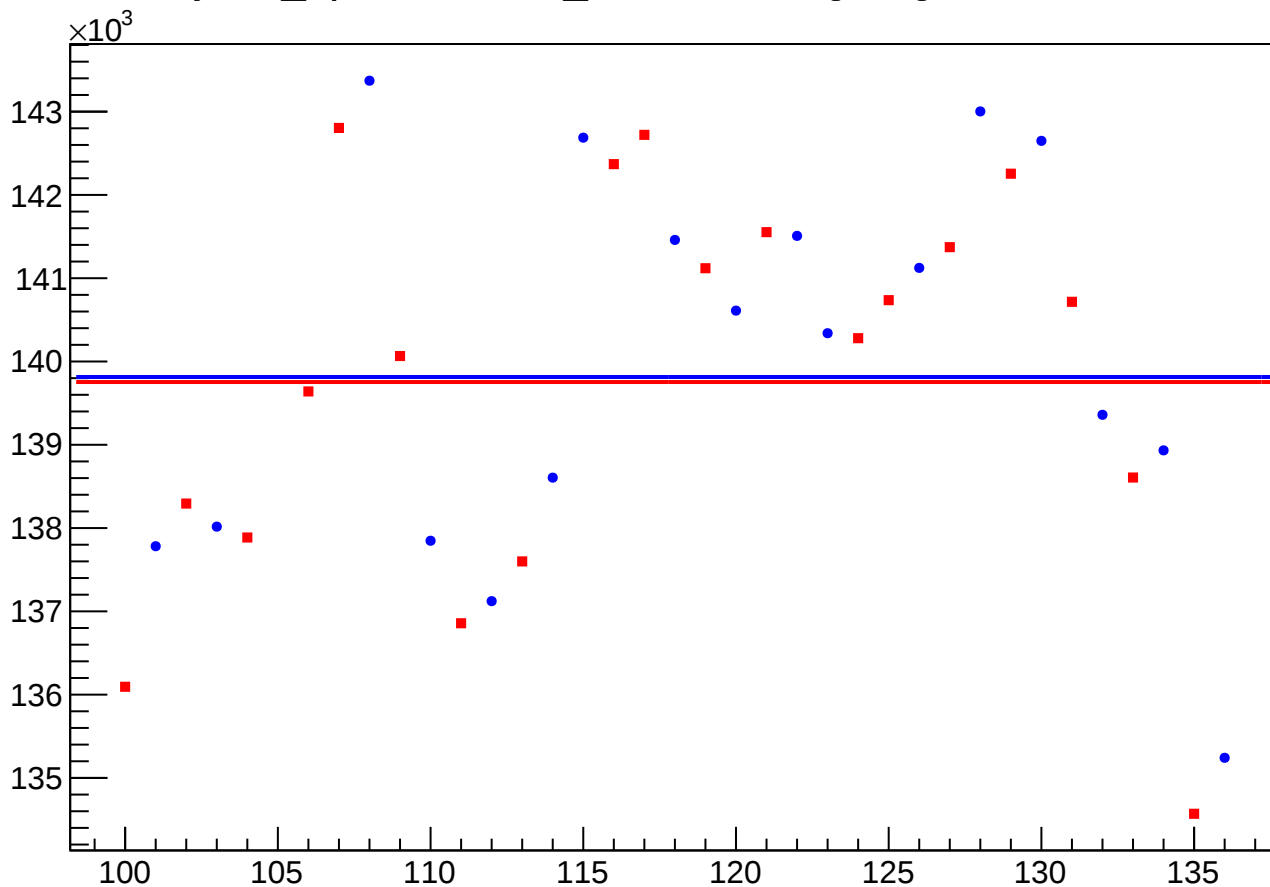
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

130.552+/-0.038 χ^2/NDF : 1373104.9/16

127.598+/-0.026 χ^2/NDF : 2809582.3/35

124.956+/-0.036 χ^2/NDF : 1425288.3/18

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

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

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

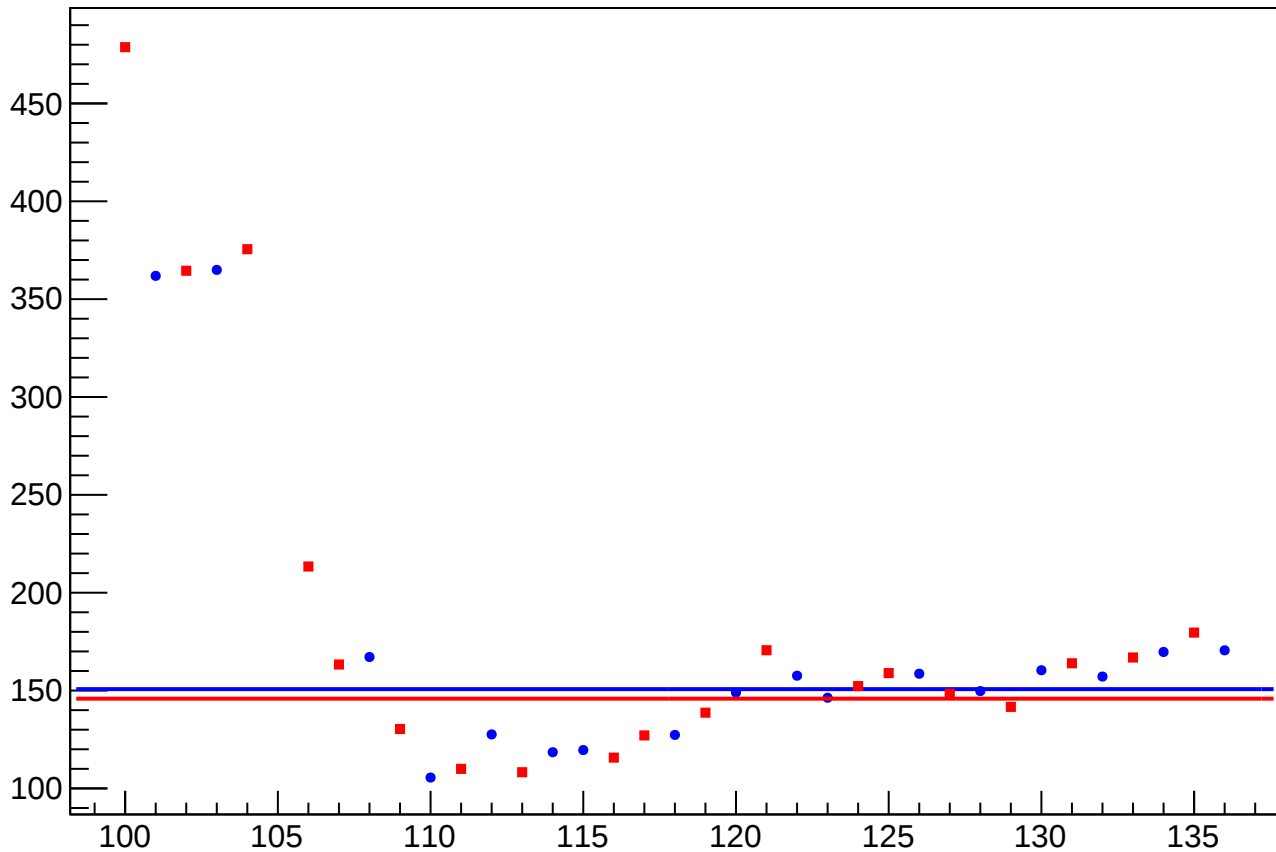
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

139782.372 $\pm$ 0.043 χ^2 /NDF: 307923007

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

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

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

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

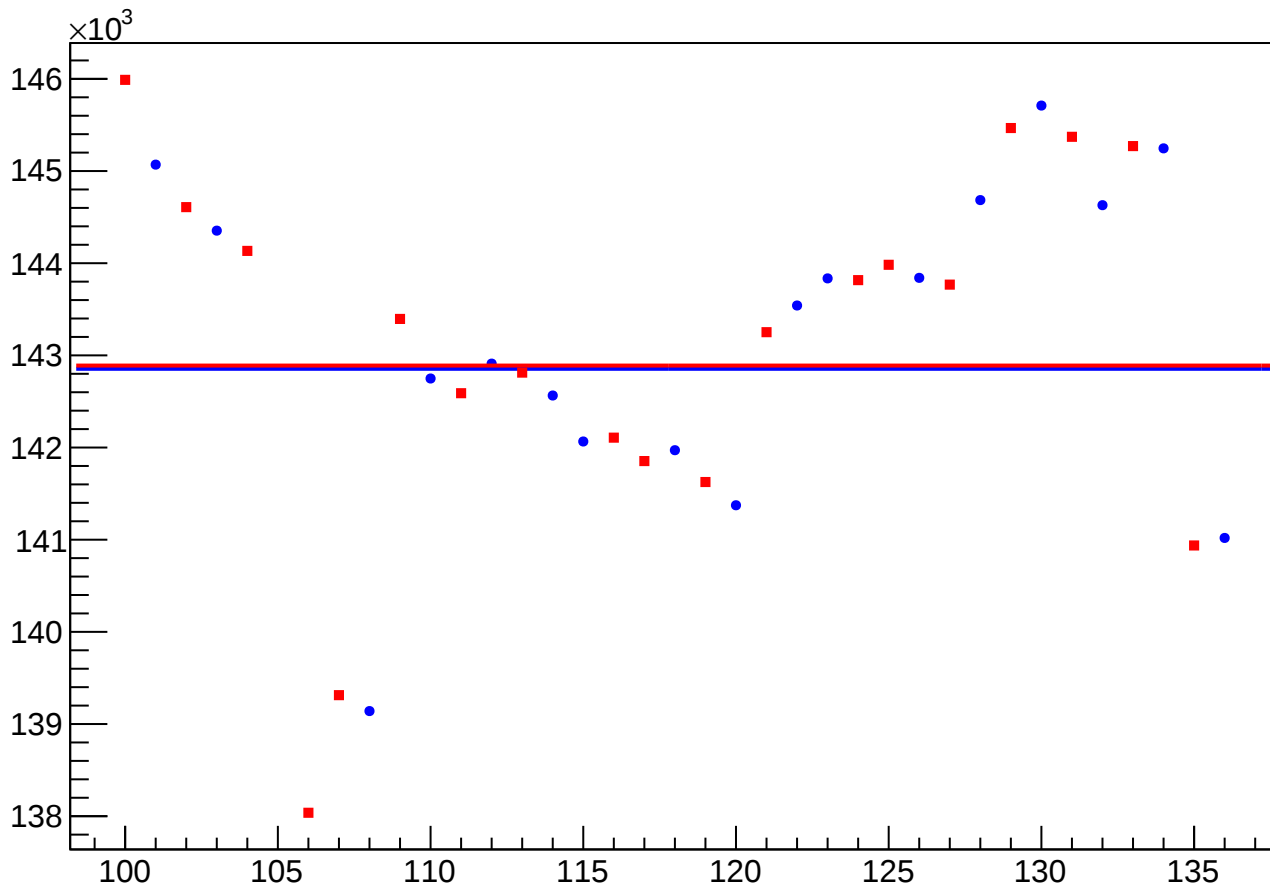
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

150.733+/-0.044 χ^2/NDF : 1050071.6/16

148.200+/-0.030 χ^2/NDF : 2250593.2/35

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

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

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

142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

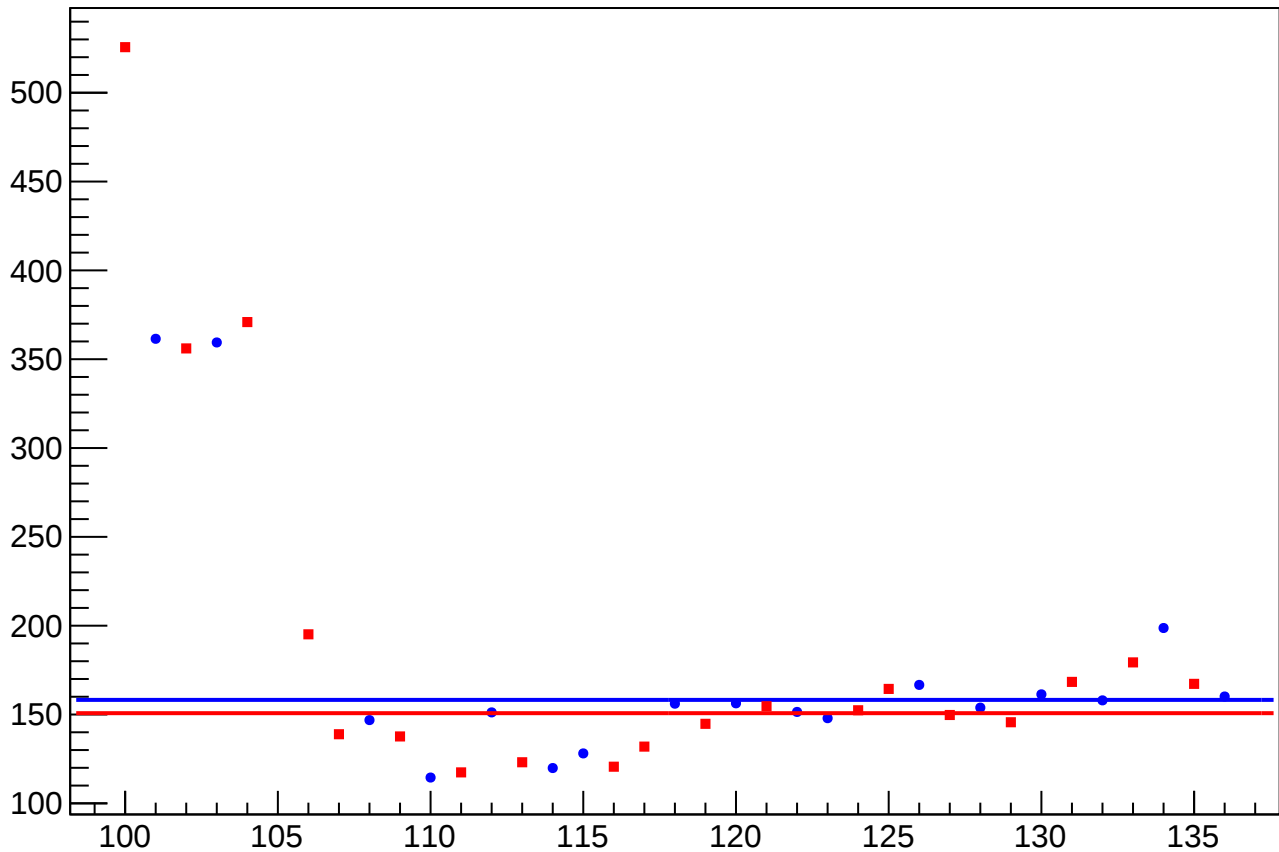
142872.853 $\pm$ 0.044 χ^2 /NDF: 156878240

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

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

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

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 158.233+/-0.046 χ^2/NDF : 883513.4/16

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

Right Out: 150.755+/-0.043 χ^2/NDF : 1003850.7/18

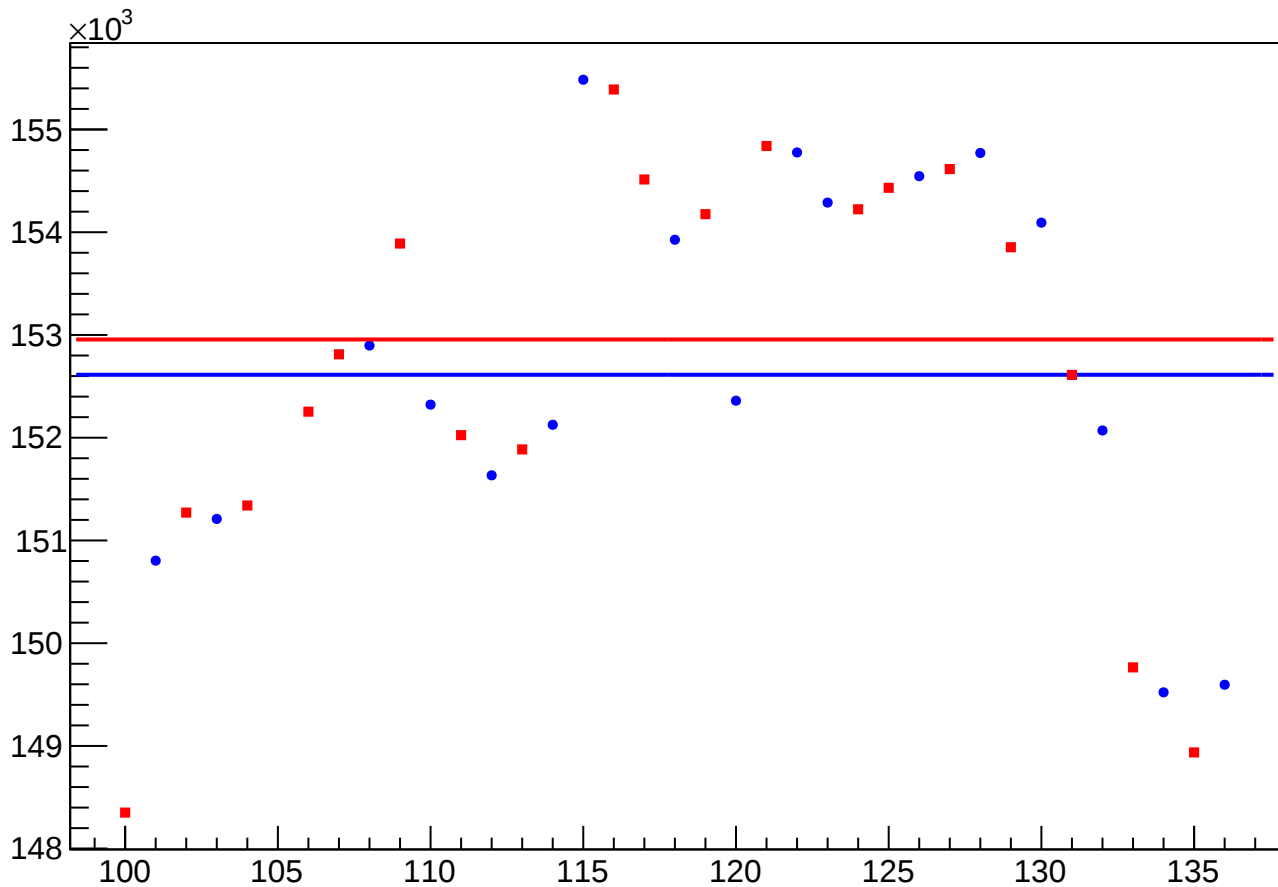
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

158.233+/-0.046 χ^2/NDF : 883513.4/16

154.272+/-0.031 χ^2/NDF : 1901530.3/35

150.755+/-0.043 χ^2/NDF : 1003850.7/18

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

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

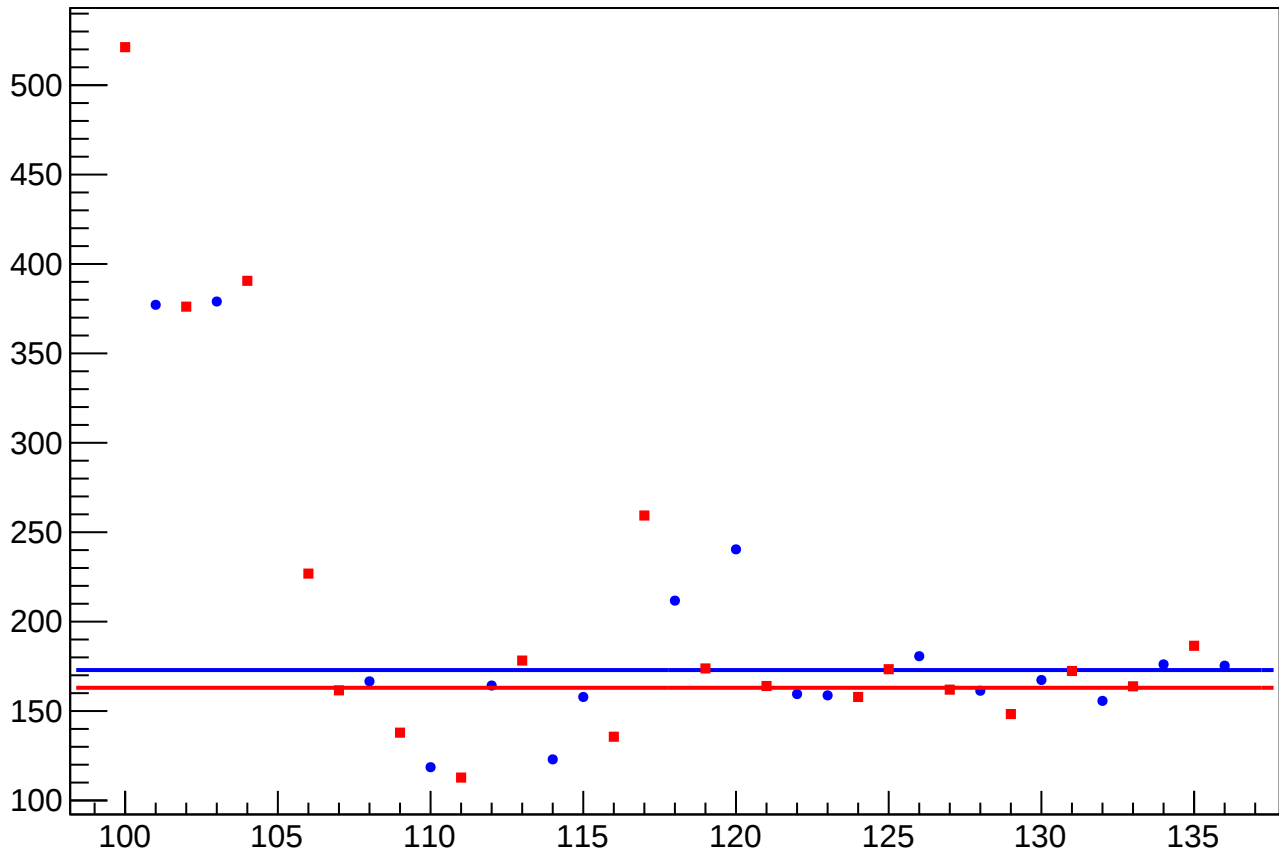
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

152797.047 $\pm$ 0.049 χ^2 /NDF: 129318480

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

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

Right Out: 163.009+/-0.047 χ^2/NDF : 1042054.6/18

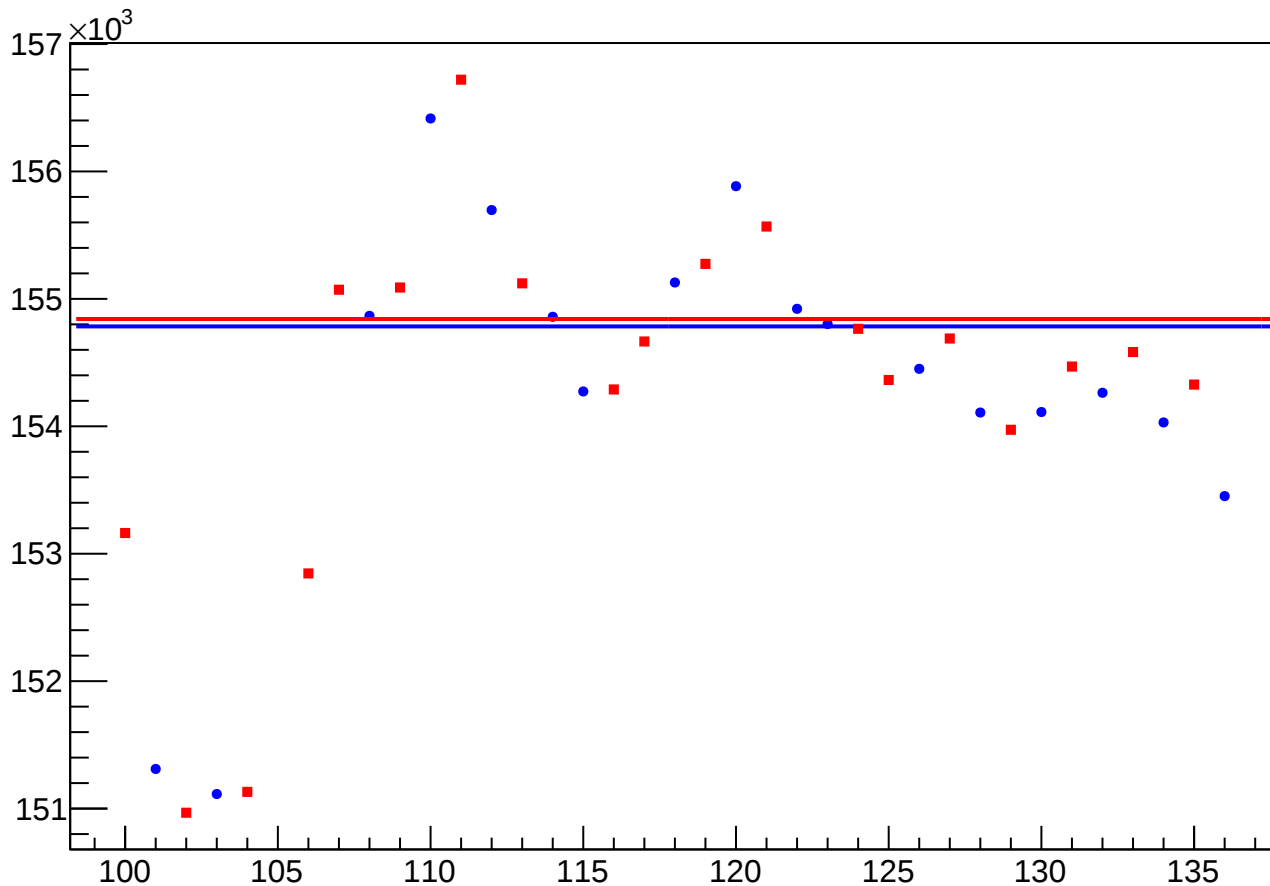
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.921+/-0.051 χ^2/NDF : 941954.0/16

167.598+/-0.035 χ^2/NDF : 2004269.6/35

163.009+/-0.047 χ^2/NDF : 1042054.6/18

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154783.944 $\pm$ 0.065 χ^2 /NDF: 265581398.0/16

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

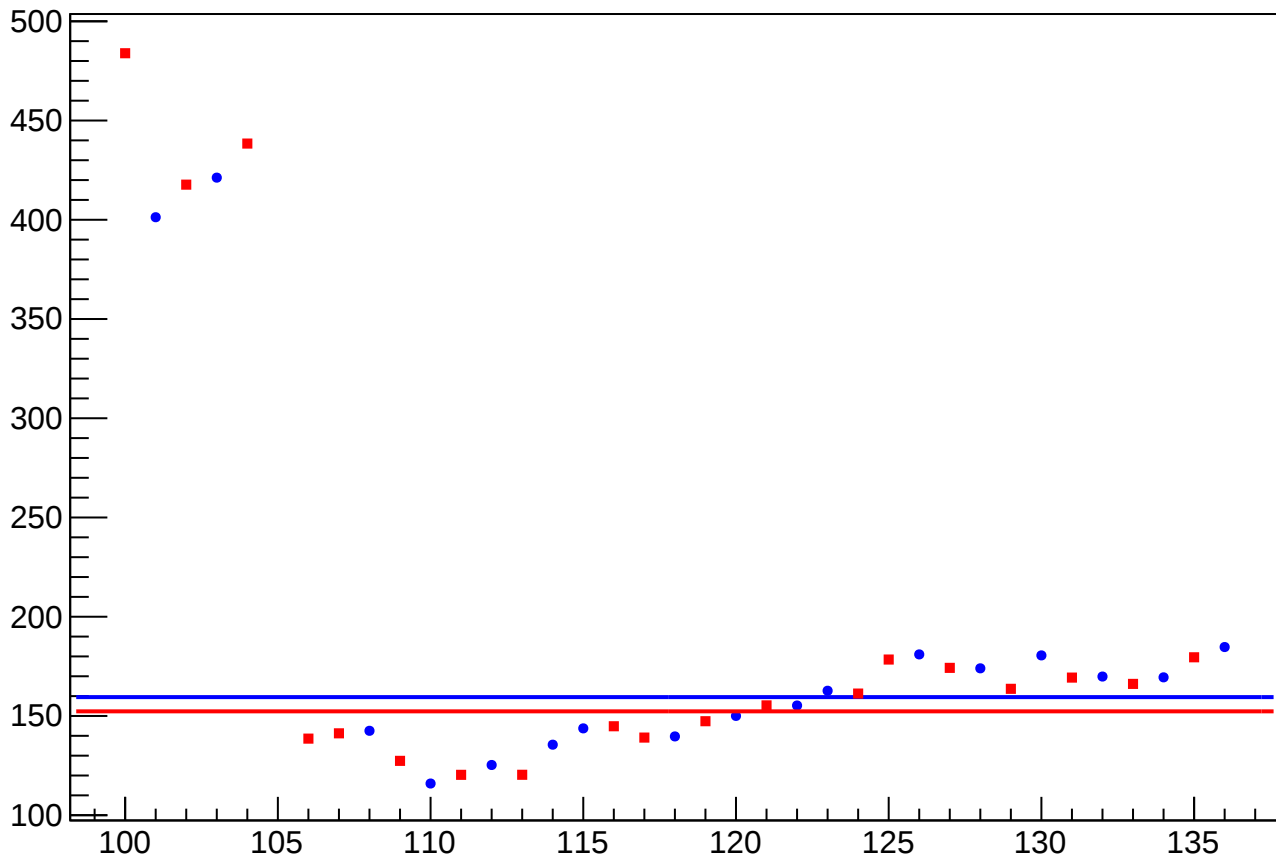
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154783.944 $\pm$ 0.065 χ^2 /NDF: 265581398.0/16

154814.964 $\pm$ 0.045 χ^2 /NDF: 553651931

154842.185 $\pm$ 0.061 χ^2 /NDF: 287647721.3/18

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 159.504 $\pm$ 0.046 χ^2 /NDF: 1131844.5/16

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

Right Out: 152.329 $\pm$ 0.043 χ^2 /NDF: 1160844.1/18

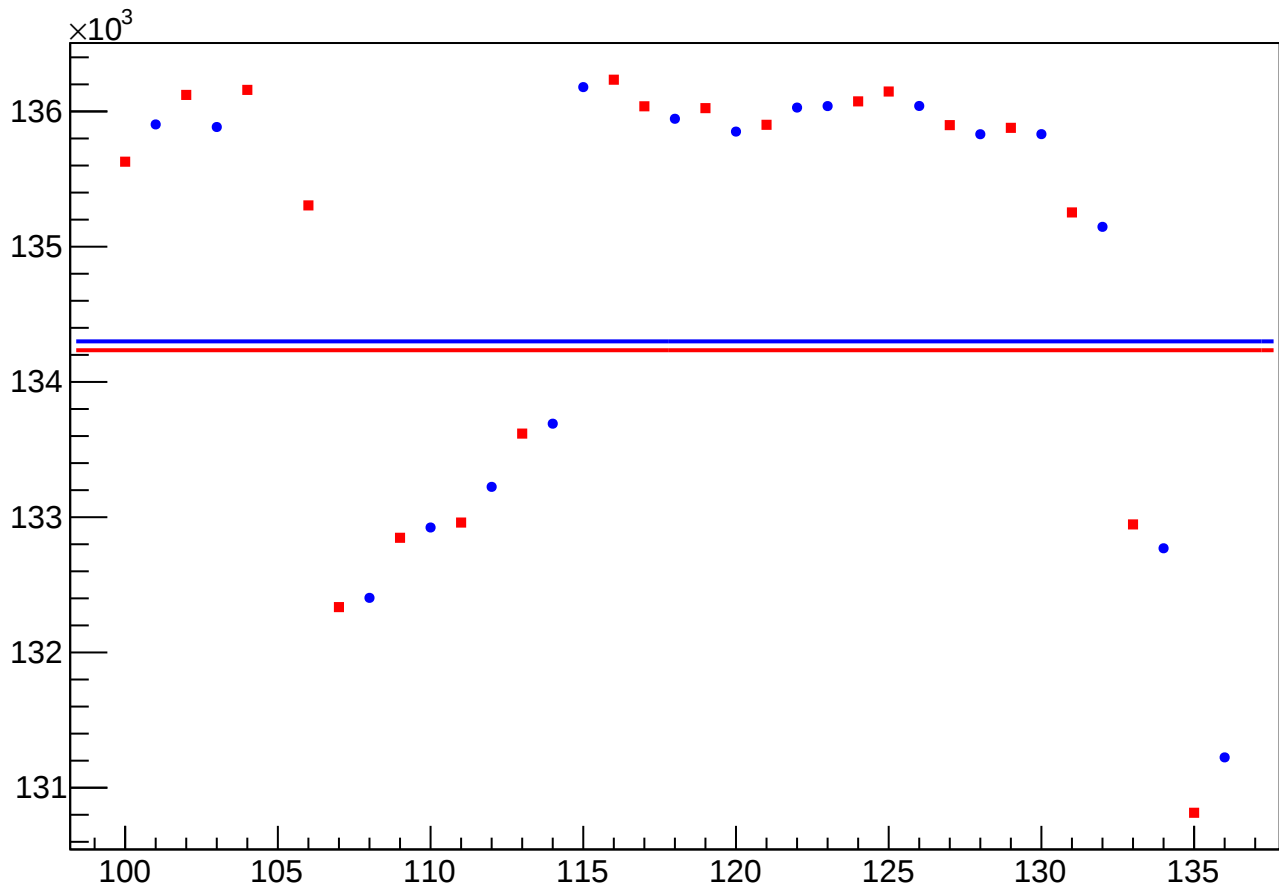
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

159.504 $\pm$ 0.046 χ^2 /NDF: 1131844.5/16

155.682 $\pm$ 0.032 χ^2 /NDF: 2305521.0/35

152.329 $\pm$ 0.043 χ^2 /NDF: 1160844.1/18

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

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

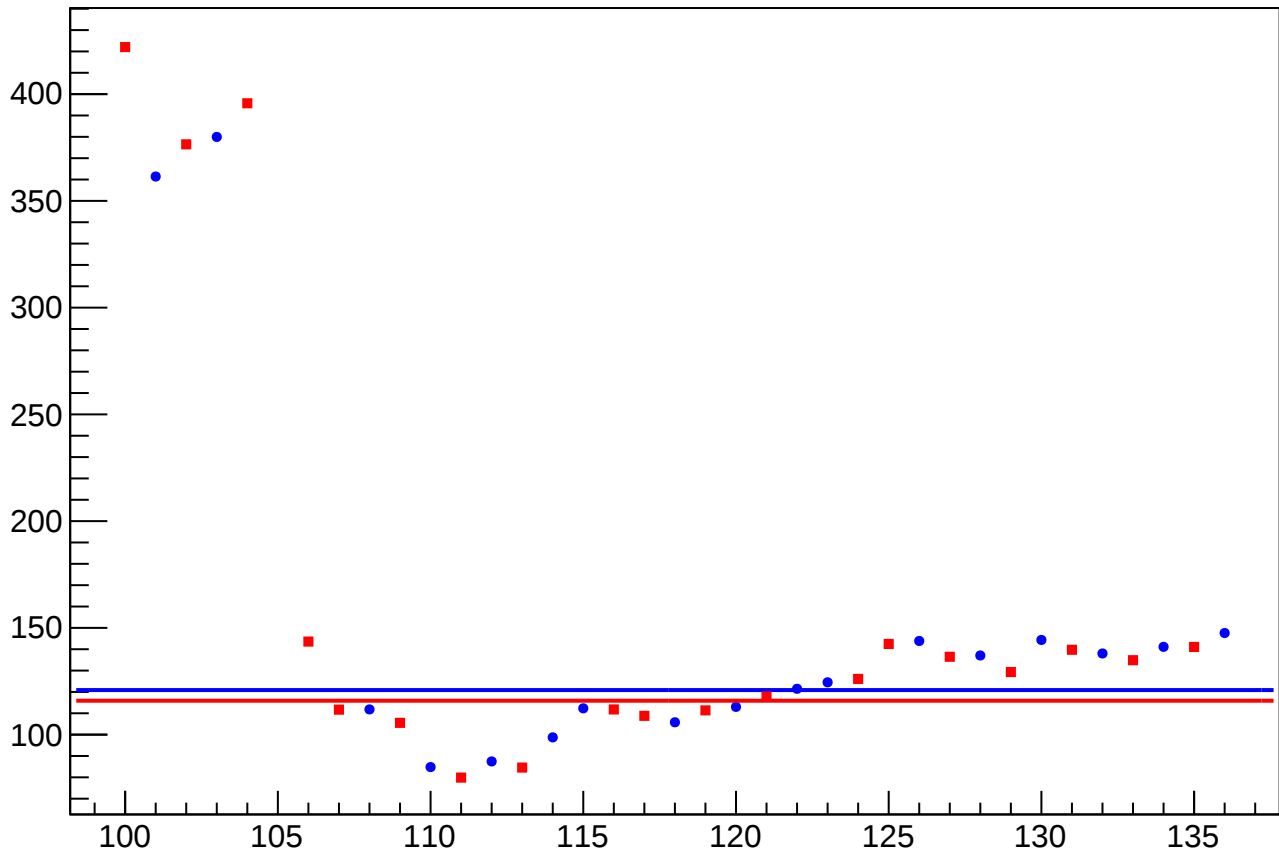
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

134265.450 $\pm$ 0.035 χ^2 /NDF: 230639598

134234.484 $\pm$ 0.048 χ^2 /NDF: 1155920043.6/18

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 120.872 $\pm$ 0.036 χ^2 /NDF: 1463728.4/16

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

Right Out: 115.889 $\pm$ 0.034 χ^2 /NDF: 1522177.5/18

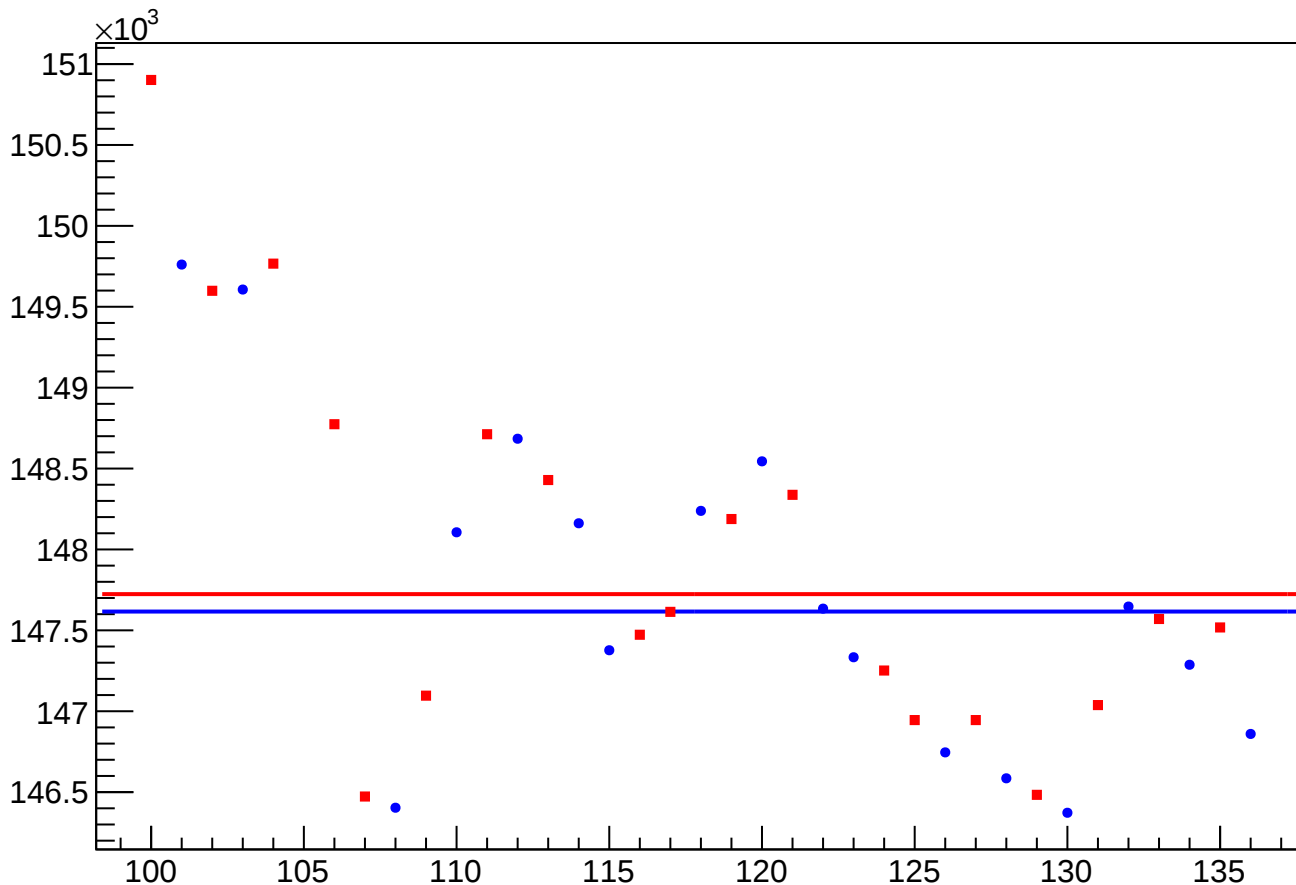
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

120.872 $\pm$ 0.036 χ^2 /NDF: 1463728.4/16

118.244 $\pm$ 0.024 χ^2 /NDF: 2996244.8/35

115.889 $\pm$ 0.034 χ^2 /NDF: 1522177.5/18

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147616.150+/-0.062 χ^2/NDF : 199263428.7/16

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

147616.150+/-0.062 χ^2/NDF : 199263428.7/16

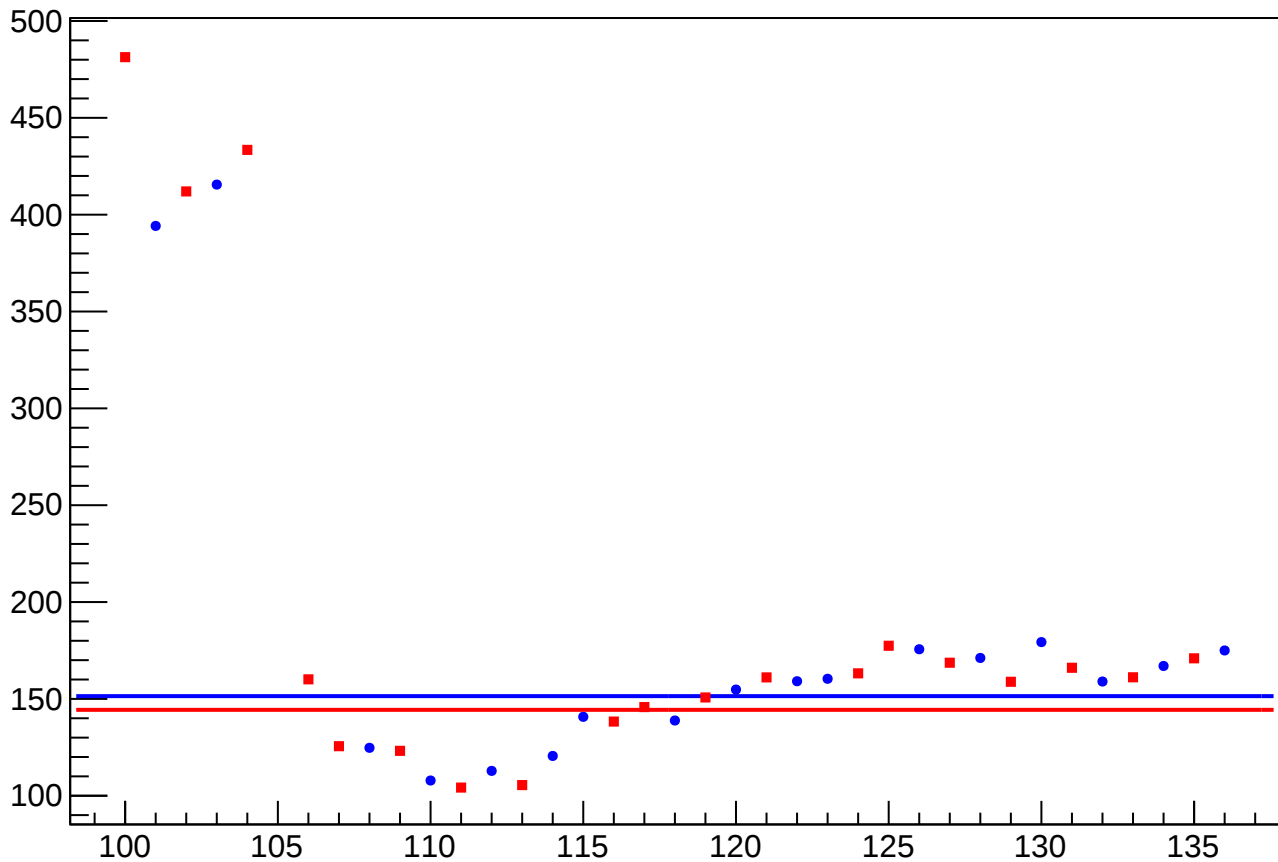
147673.346+/-0.043 χ^2/NDF : 401566835

Right Out: 147723.853+/-0.059 χ^2/NDF : 200725579.3/18

147723.853+/-0.059 χ^2/NDF : 200725579.3/18

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

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 151.424+/-0.044 χ^2/NDF : 1257843.0/16

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

Right Out: 144.352+/-0.042 χ^2/NDF : 1361892.1/18

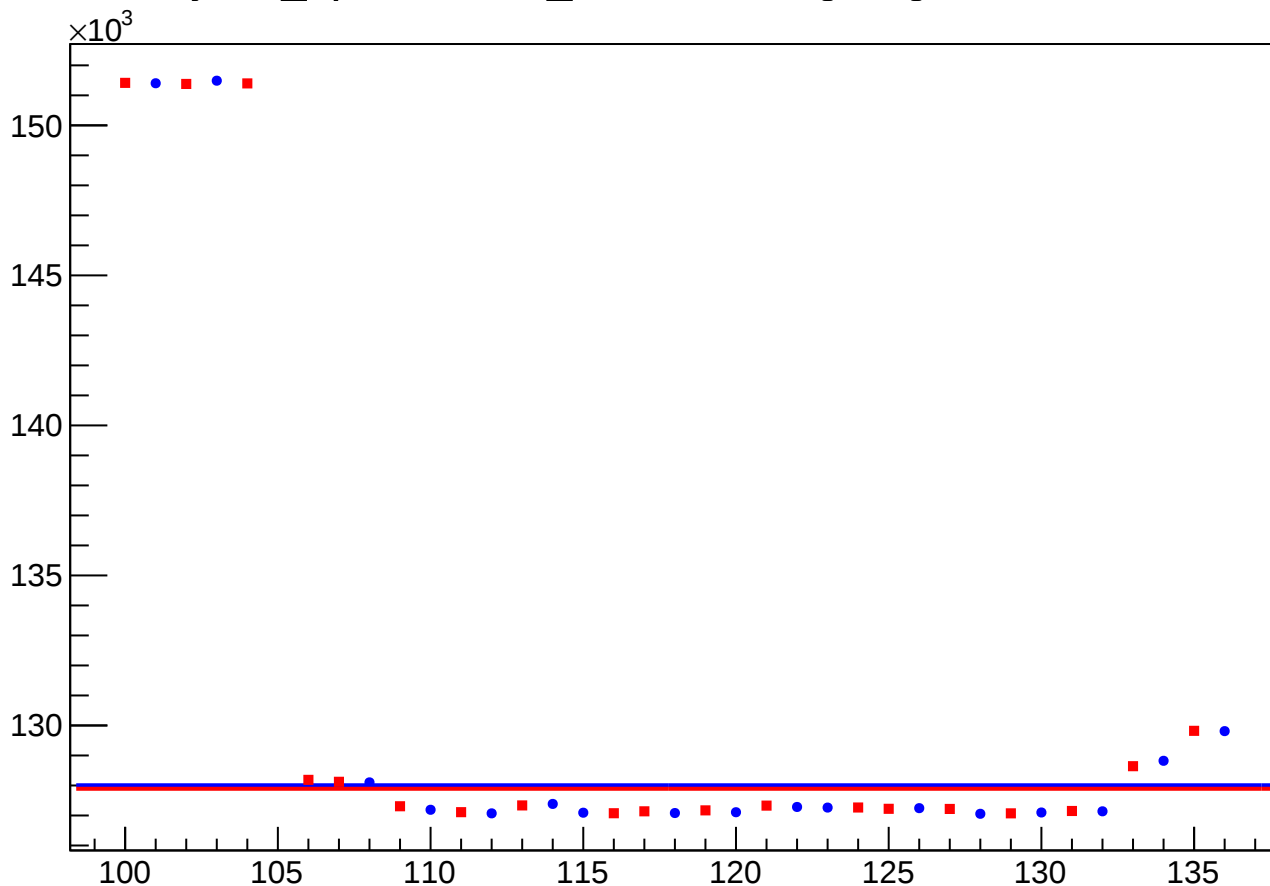
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.424+/-0.044 χ^2/NDF : 1257843.0/16

147.668+/-0.030 χ^2/NDF : 2633341.3/35

144.352+/-0.042 χ^2/NDF : 1361892.1/18

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128007.364 $\pm$ 0.054 χ^2 /NDF: 4319785674.5/16

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

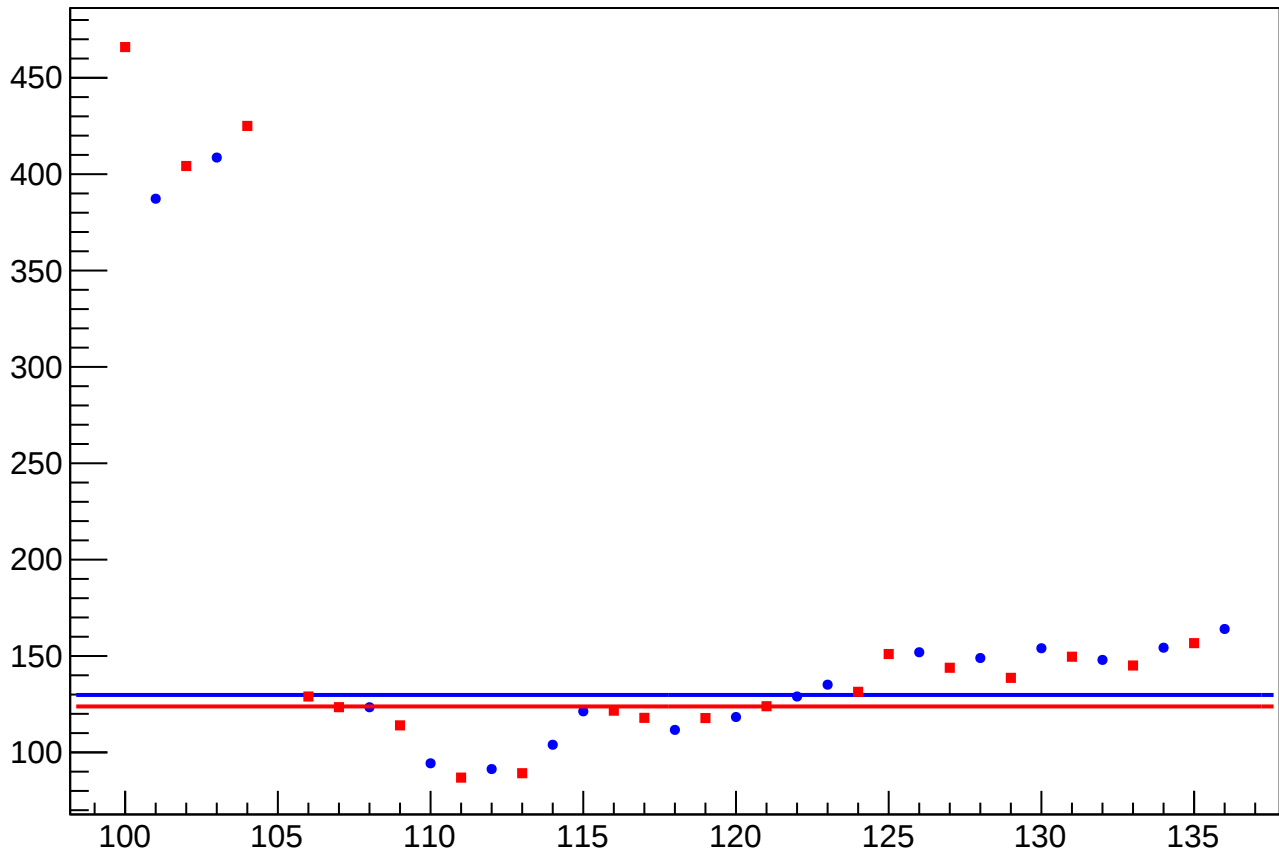
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128007.364 $\pm$ 0.054 χ^2 /NDF: 4319785674.5/16

127944.878 $\pm$ 0.037 χ^2 /NDF: 806625187

127890.230 $\pm$ 0.051 χ^2 /NDF: 3743967629.7/18

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796 $\pm$ 0.038 χ^2 /NDF: 1485294.2/16

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

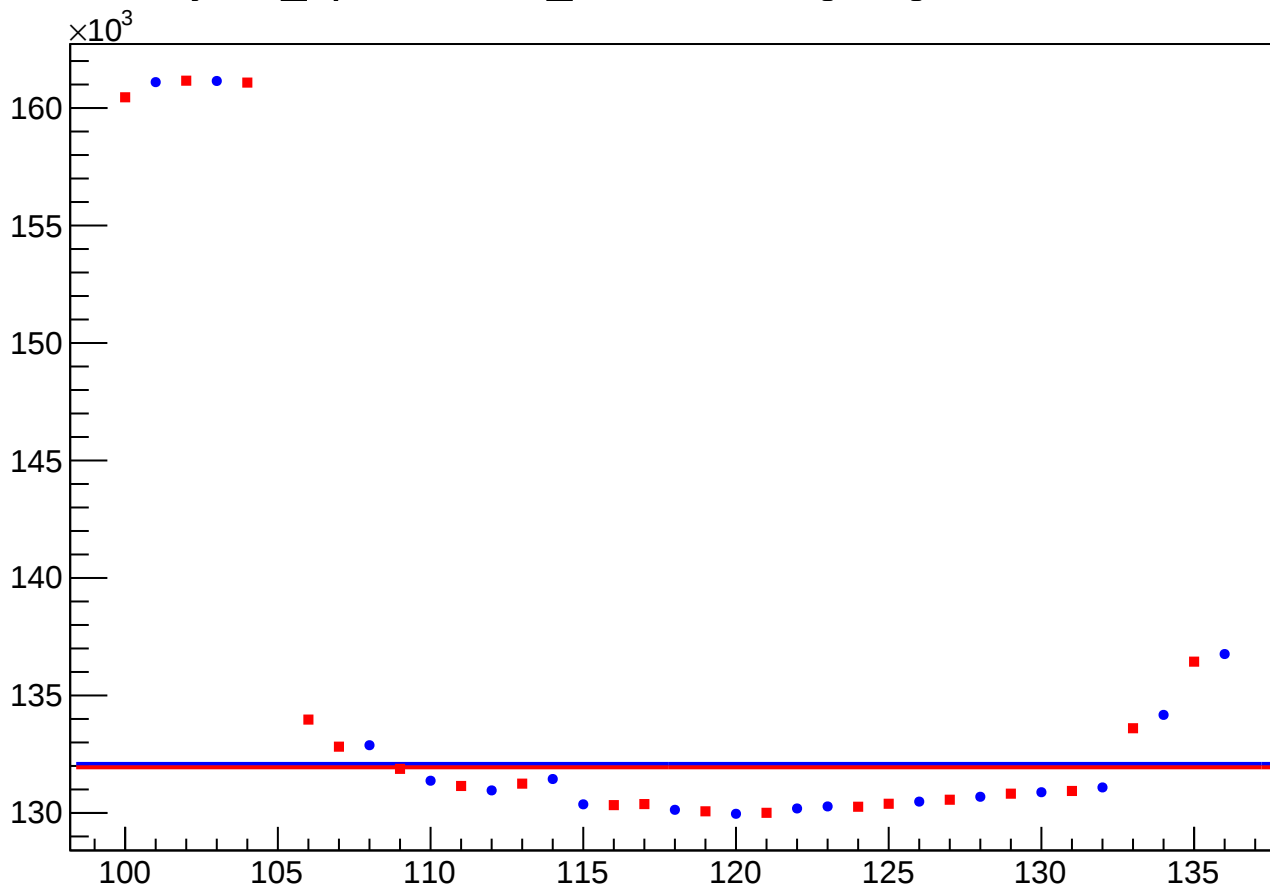
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

129.796 $\pm$ 0.038 χ^2 /NDF: 1485294.2/16

126.616 $\pm$ 0.026 χ^2 /NDF: 3005342.4/35

123.835 $\pm$ 0.036 χ^2 /NDF: 1507105.6/18

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16

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

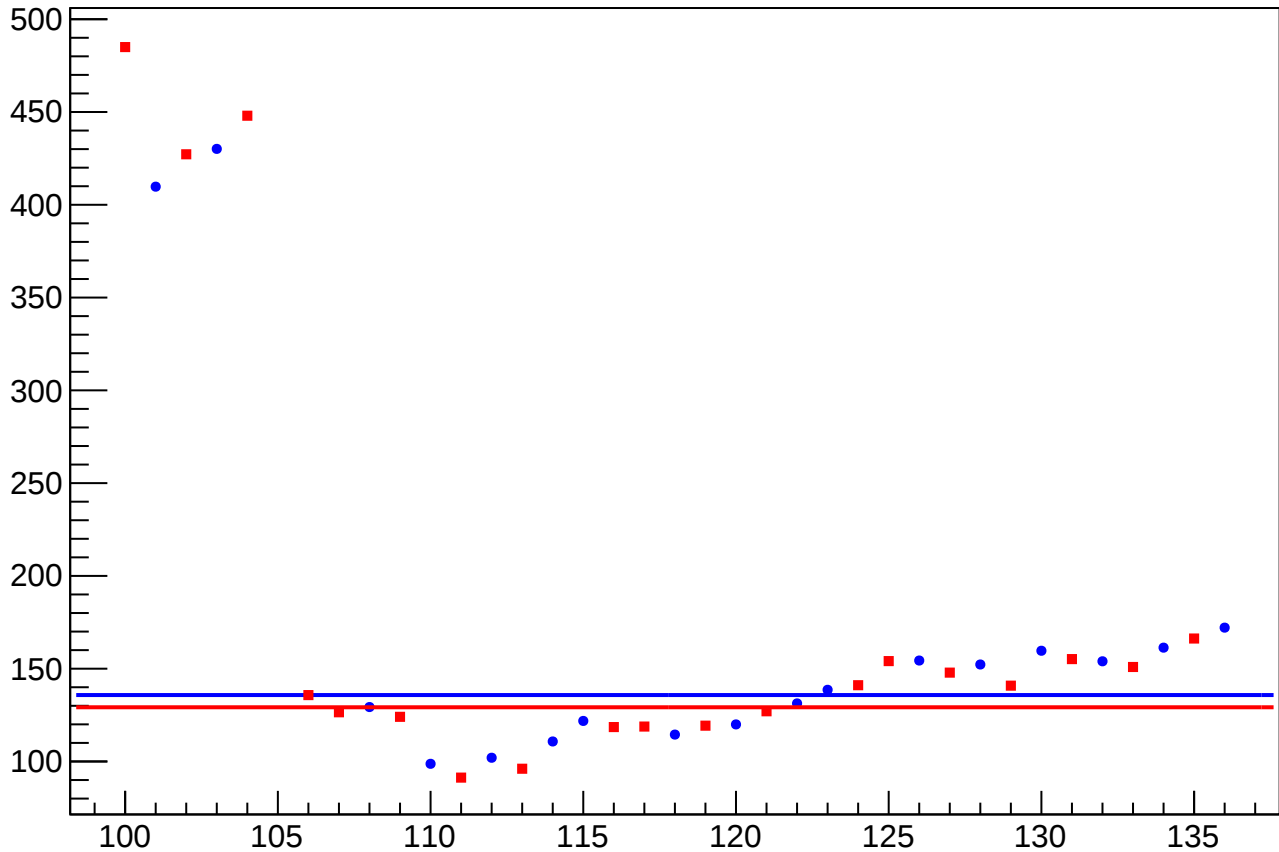
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16

132009.700 $\pm$ 0.039 χ^2 /NDF: 124874813

131942.544 $\pm$ 0.053 χ^2 /NDF: 5750769810.7/18

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.796+/-0.040 χ^2/NDF : 1441904.9/16

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

Right Out: 129.206+/-0.037 χ^2/NDF : 1479619.7/18

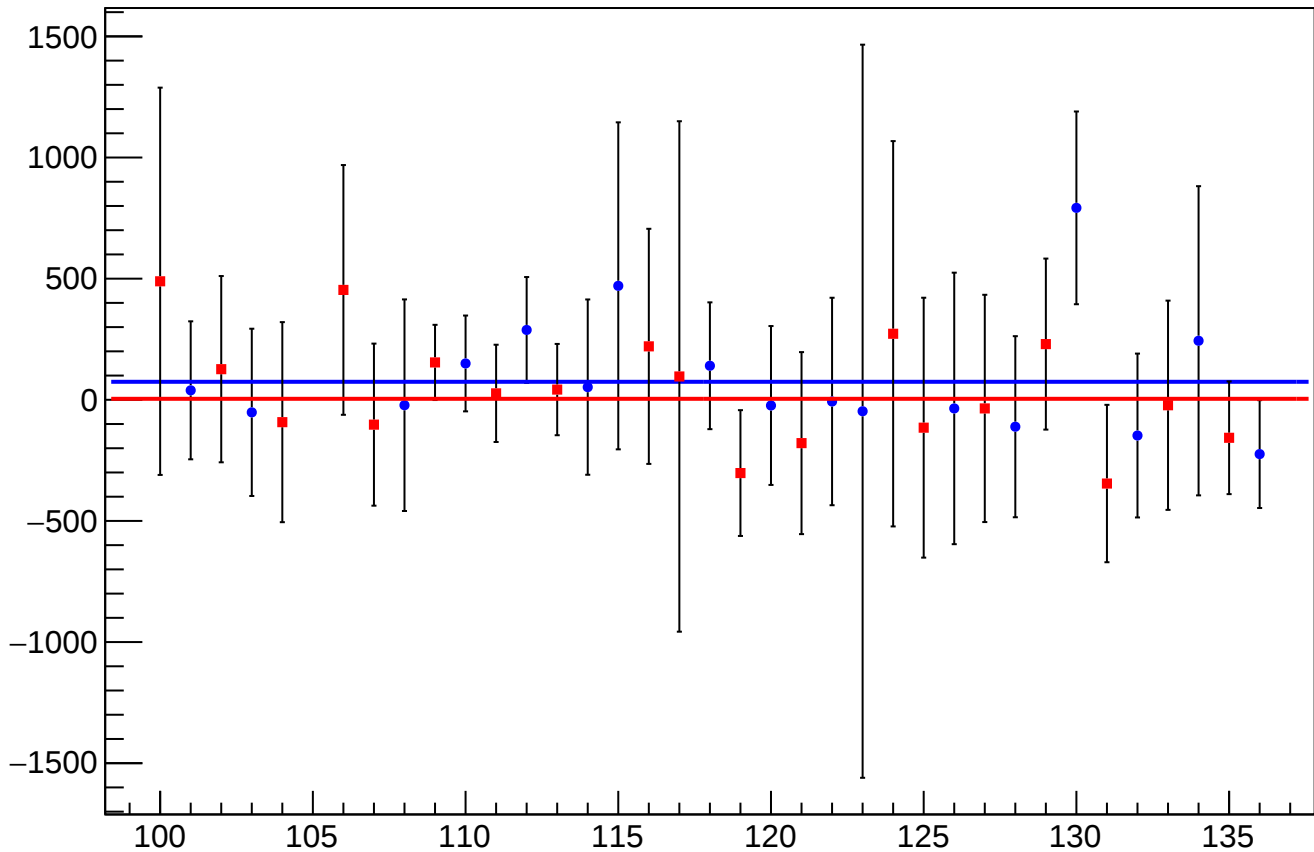
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.796+/-0.040 χ^2/NDF : 1441904.9/16

132.274+/-0.027 χ^2/NDF : 2936054.1/35

129.206+/-0.037 χ^2/NDF : 1479619.7/18

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 74.294+/-79.018 χ^2/NDF : 7.7/16

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

Right Out: 4.053+/-70.811 χ^2/NDF : 6.4/18

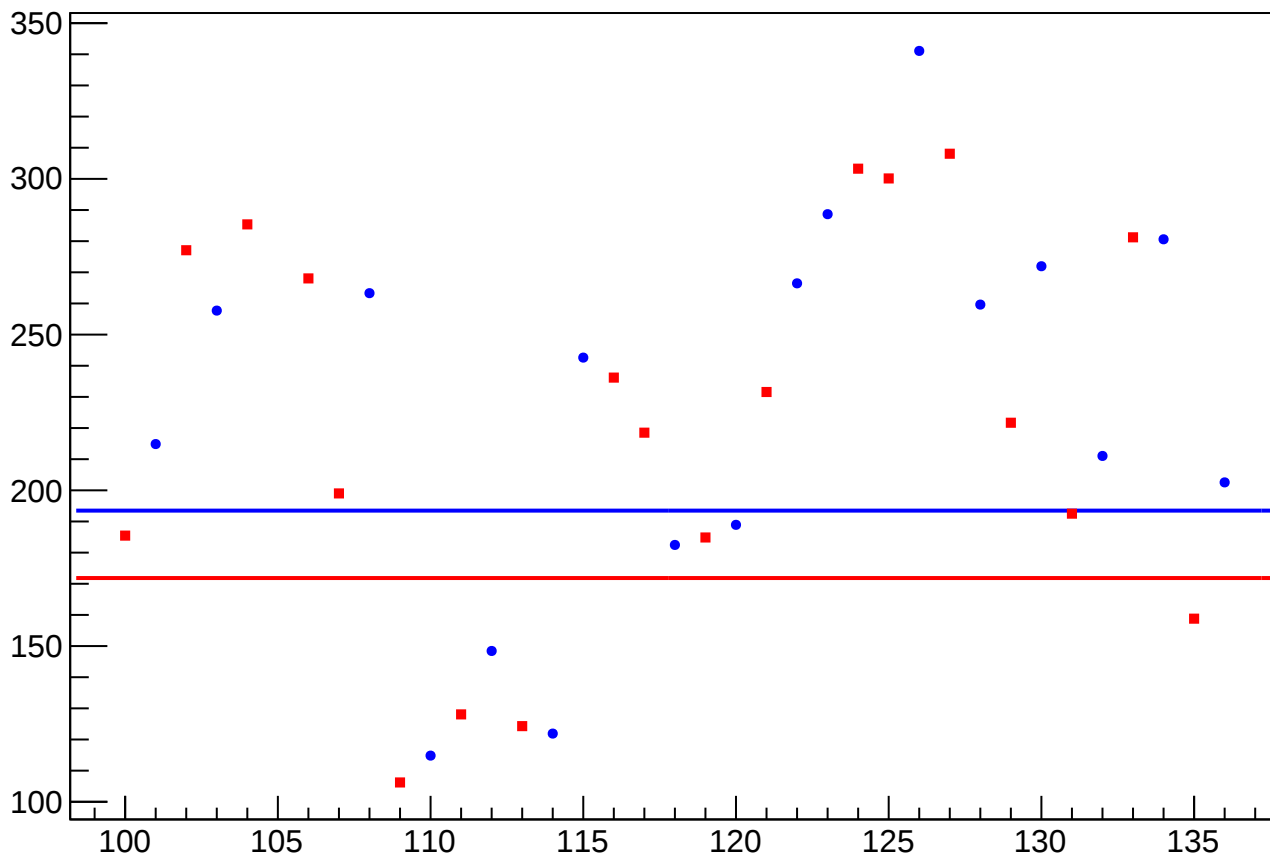
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.294+/-79.018 χ^2/NDF : 7.7/16

35.337+/-52.735 χ^2/NDF : 14.6/35

4.053+/-70.811 χ^2/NDF : 6.4/18

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.488+/-0.056 χ^2/NDF : 1017195.7/16

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

Right Out: 171.841+/-0.050 χ^2/NDF : 1579967.4/18

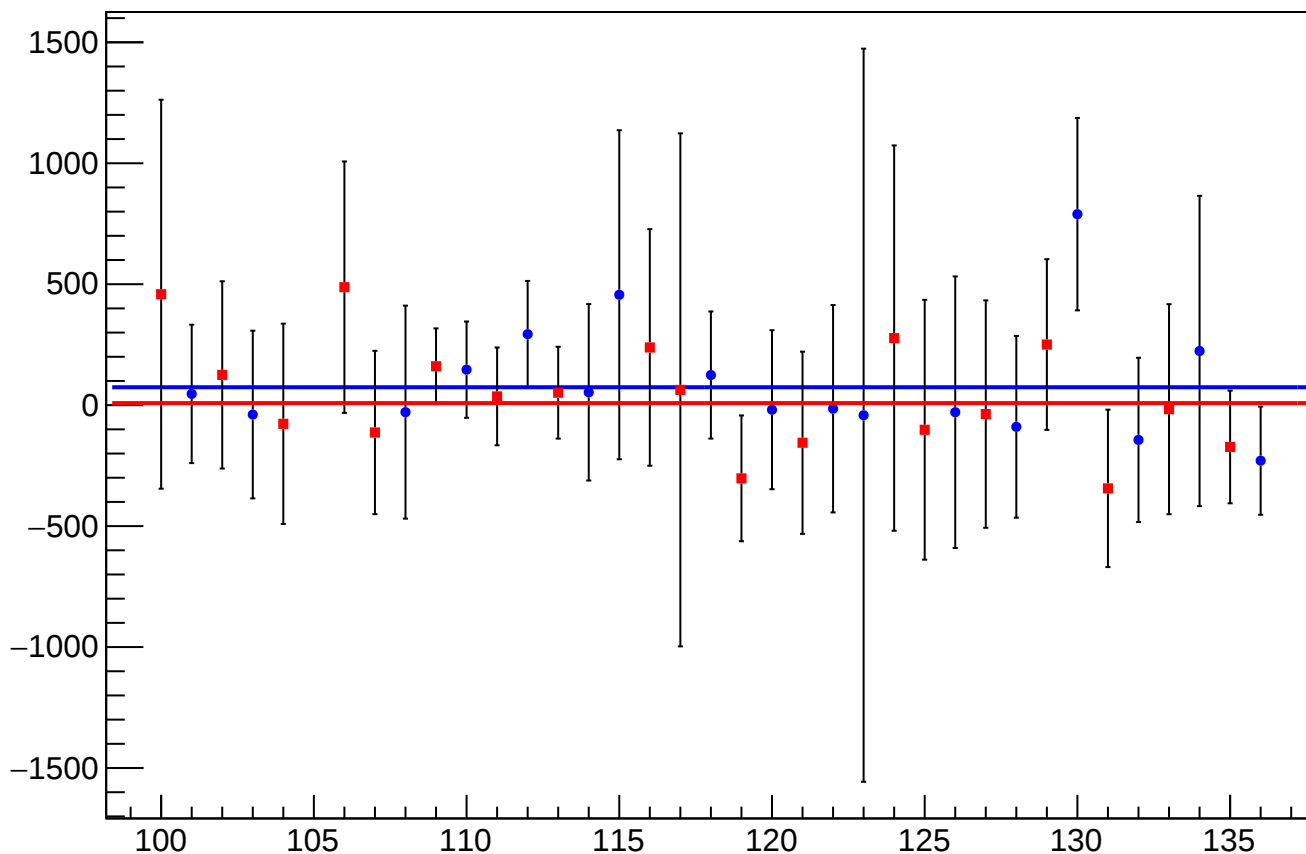
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.488+/-0.056 χ^2/NDF : 1017195.7/16

181.482+/-0.037 χ^2/NDF : 2680405.7/35

171.841+/-0.050 χ^2/NDF : 1579967.4/18

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 74.098+/-79.404 χ^2/NDF : 7.6/16

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

Right Out: 8.577+/-71.185 χ^2/NDF : 6.7/18

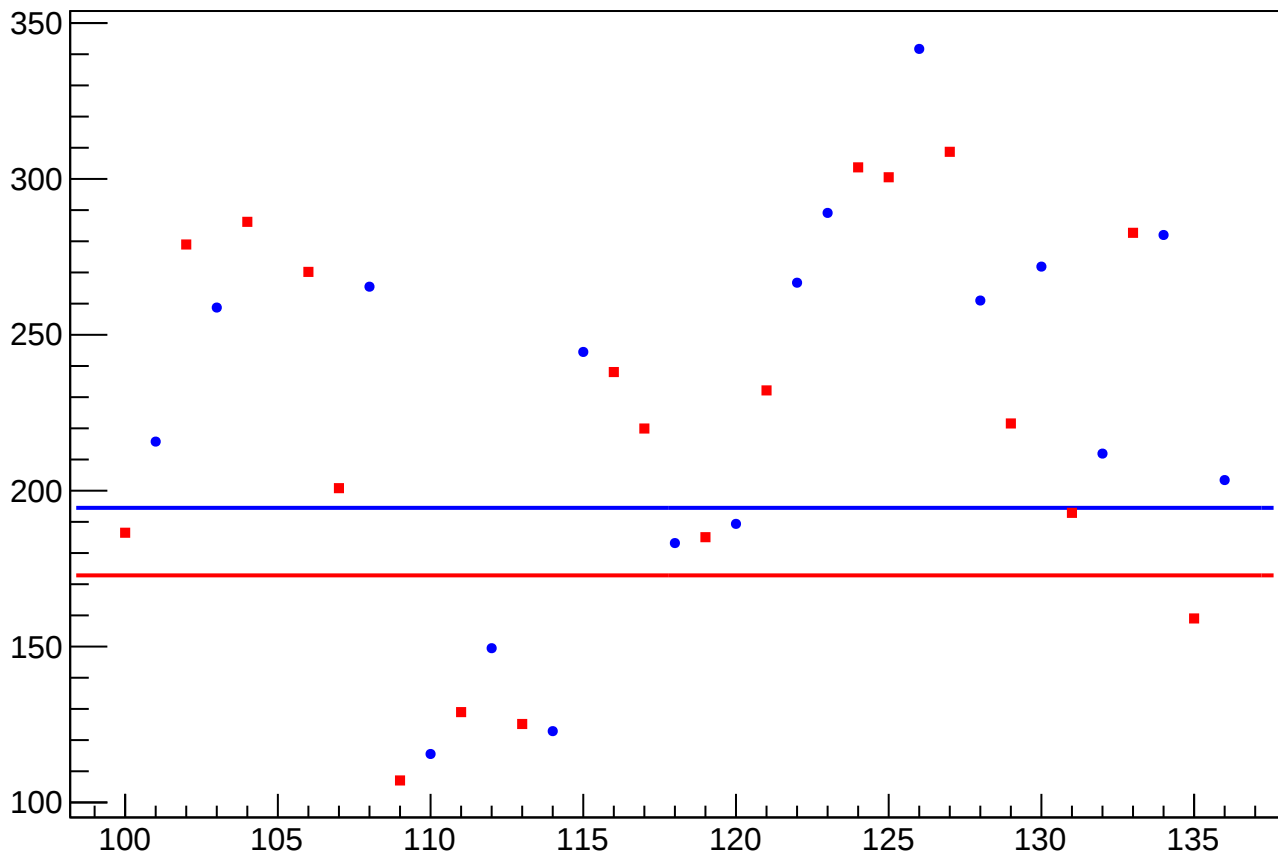
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.098+/-79.404 χ^2/NDF : 7.6/16

37.772+/-53.003 χ^2/NDF : 14.6/35

8.577+/-71.185 χ^2/NDF : 6.7/18

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.496 $\pm$ 0.056 χ^2 /NDF: 1008514.7/16

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

Right Out: 172.834 $\pm$ 0.050 χ^2 /NDF: 1567610.8/18

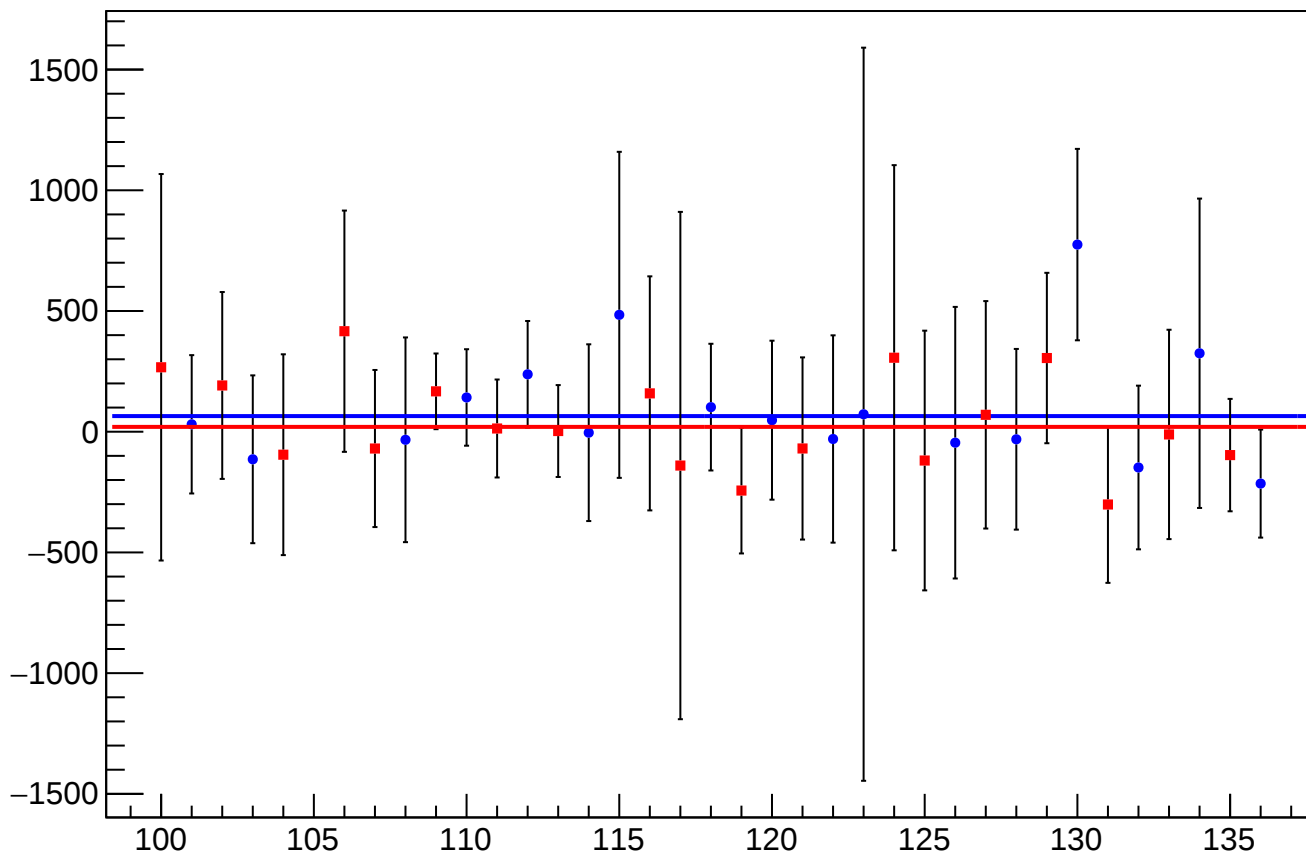
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.496 $\pm$ 0.056 χ^2 /NDF: 1008514.7/16

182.487 $\pm$ 0.037 χ^2 /NDF: 2658650.2/35

172.834 $\pm$ 0.050 χ^2 /NDF: 1567610.8/18

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 64.733+/-79.399 χ^2/NDF : 7.0/16

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

Right Out: 20.024+/-71.101 χ^2/NDF : 5.2/18

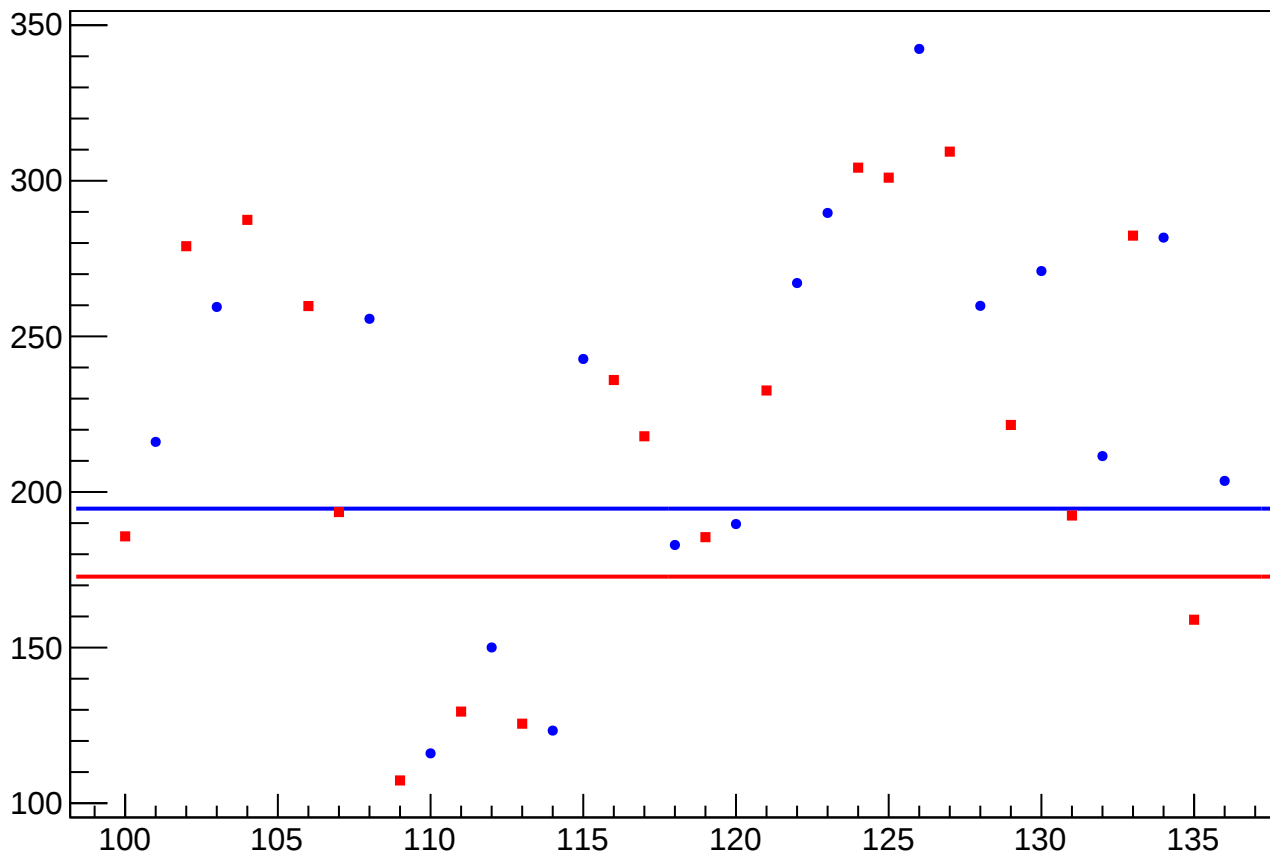
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.733+/-79.399 χ^2/NDF : 7.0/16

39.921+/-52.968 χ^2/NDF : 12.4/35

20.024+/-71.101 χ^2/NDF : 5.2/18

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.652+/-0.056 χ^2/NDF : 986798.9/16

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

Right Out: 172.802+/-0.050 χ^2/NDF : 1544419.6/18

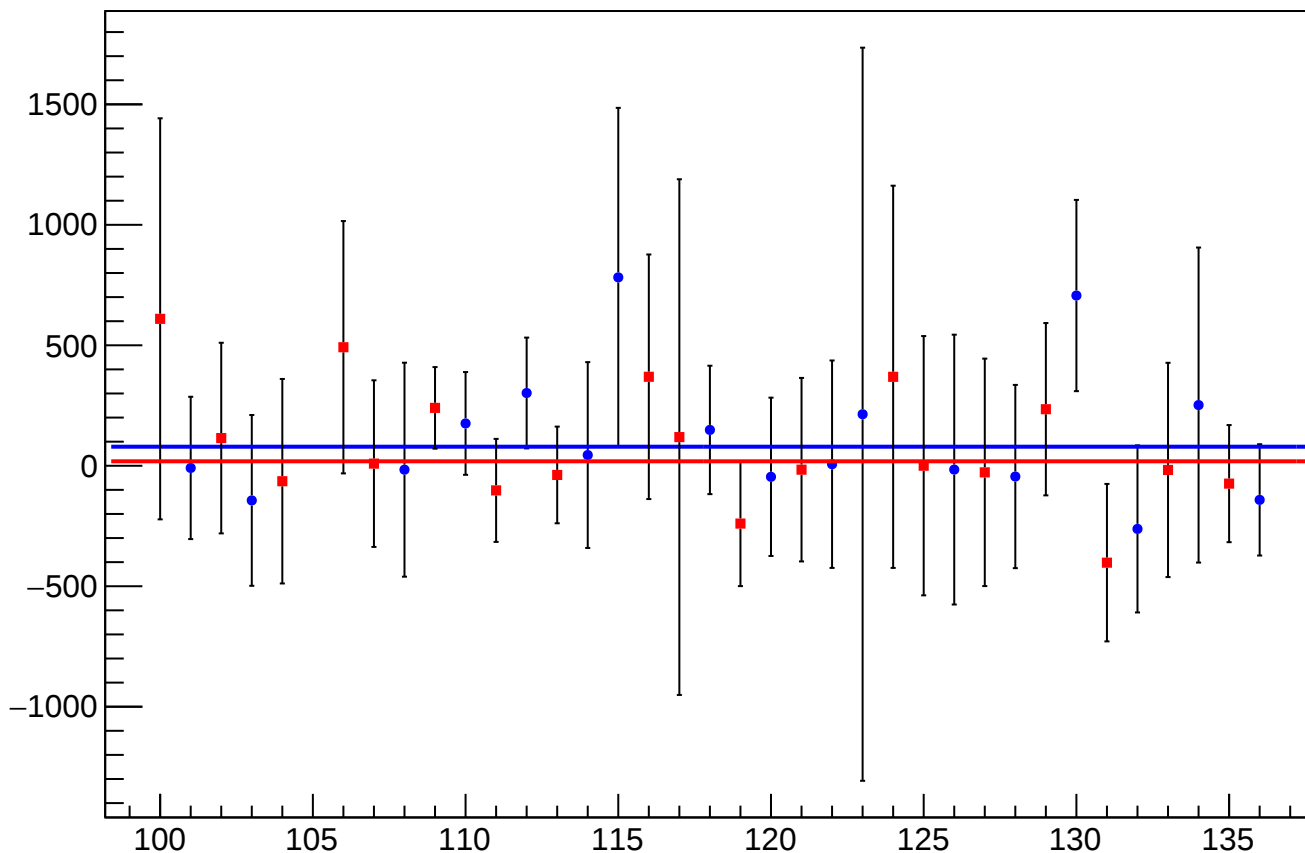
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.652+/-0.056 χ^2/NDF : 986798.9/16

182.526+/-0.037 χ^2/NDF : 2615276.0/35

172.802+/-0.050 χ^2/NDF : 1544419.6/18

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 79.128 $\pm$ 81.874 χ^2 /NDF: 7.5/16

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

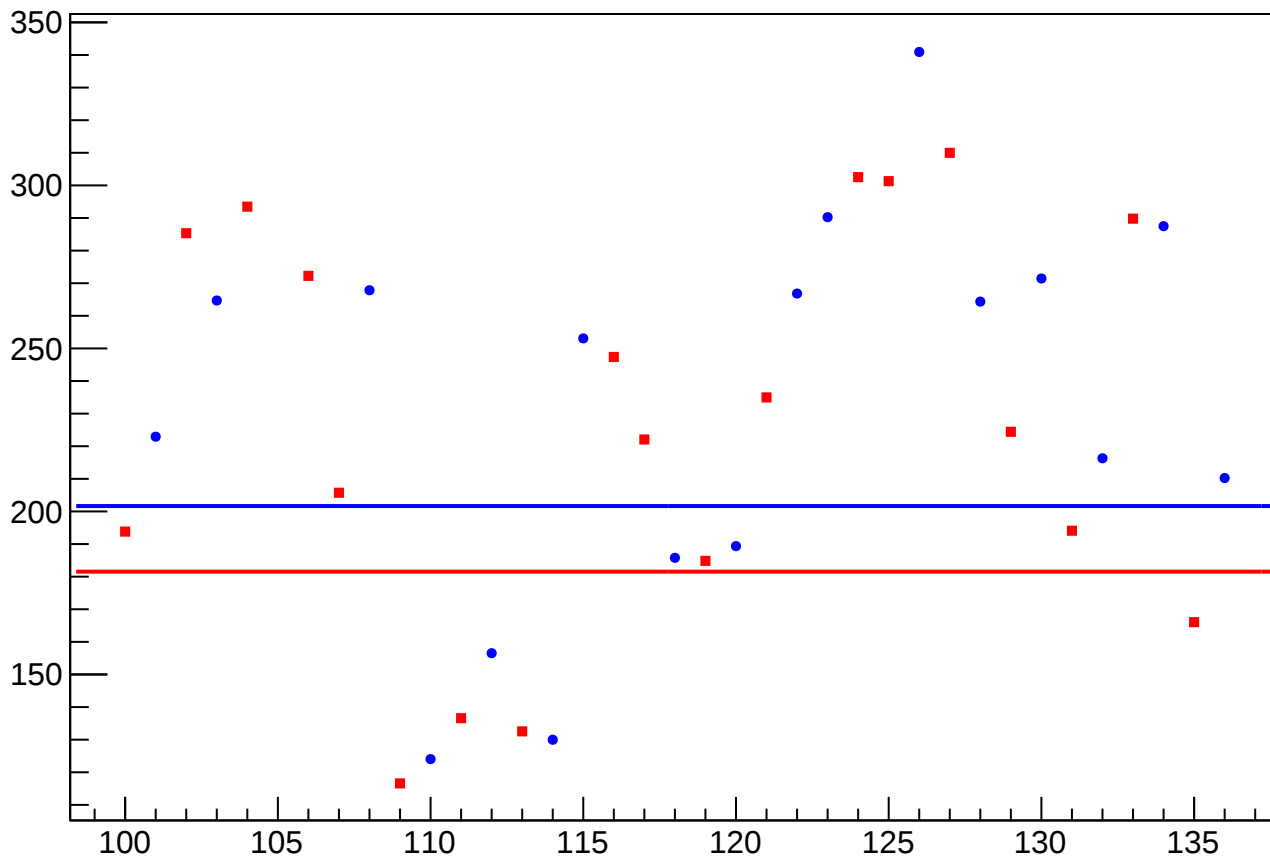
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

79.128 $\pm$ 81.874 χ^2 /NDF: 7.5/16

45.818 $\pm$ 54.934 χ^2 /NDF: 15.2/35

18.545 $\pm$ 74.084 χ^2 /NDF: 7.4/18

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

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

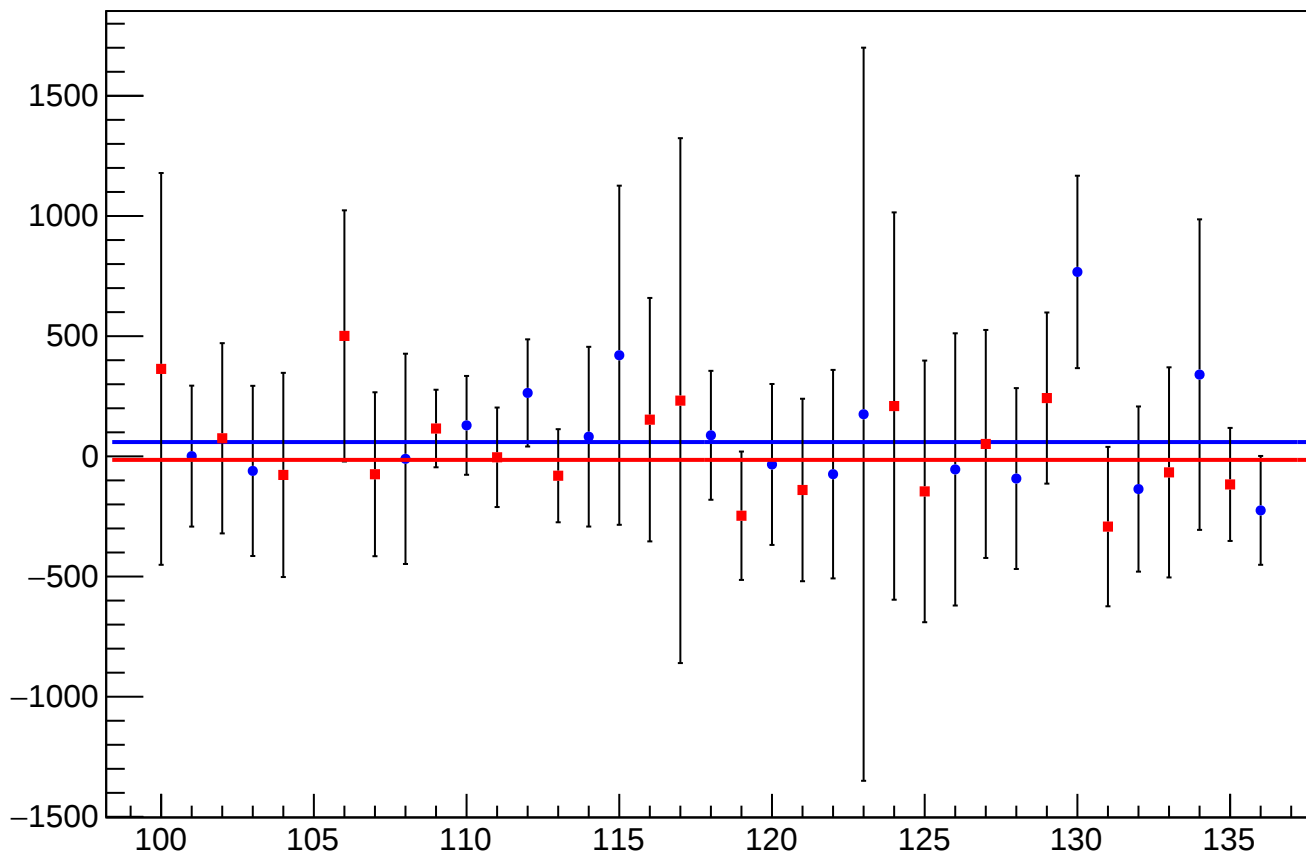
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

190.594 $\pm$ 0.039 χ^2 /NDF: 2326954.4/35

181.538 $\pm$ 0.052 χ^2 /NDF: 1377393.3/18

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.496+/-80.808 χ^2/NDF : 7.0/16

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

Right Out: -14.686+/-72.648 χ^2/NDF : 4.7/18

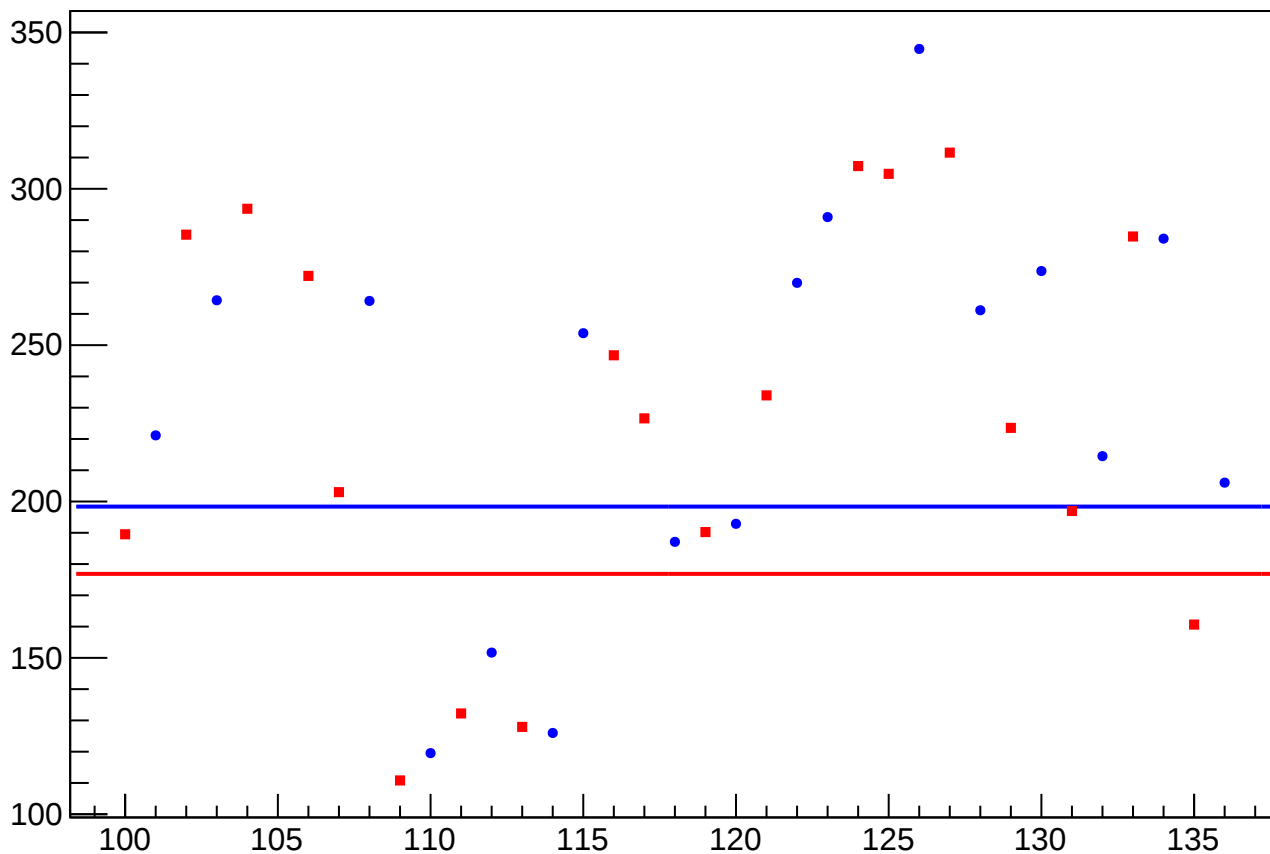
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.496+/-80.808 χ^2/NDF : 7.0/16

18.471+/-54.025 χ^2/NDF : 12.1/35

-14.686+/-72.648 χ^2/NDF : 4.7/18

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378 $\pm$ 0.057 χ^2 /NDF: 963672.6/16

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

Right Out: 176.862 $\pm$ 0.051 χ^2 /NDF: 1525900.3/18

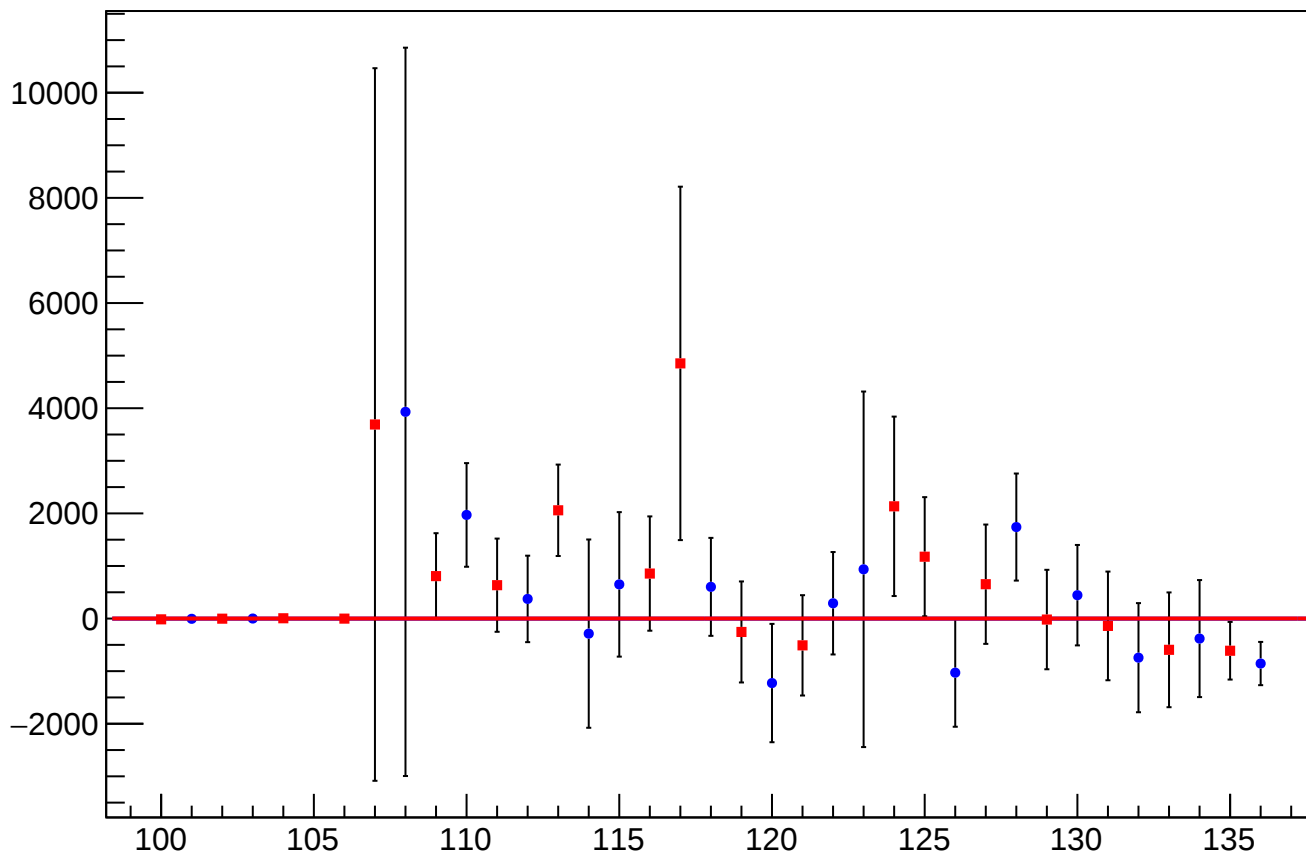
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

198.378 $\pm$ 0.057 χ^2 /NDF: 963672.6/16

186.479 $\pm$ 0.038 χ^2 /NDF: 2567984.5/35

176.862 $\pm$ 0.051 χ^2 /NDF: 1525900.3/18

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529+/-2.251 χ^2/NDF : 17.0/16

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

Right Out: 0.732+/-2.111 χ^2/NDF : 20.9/18

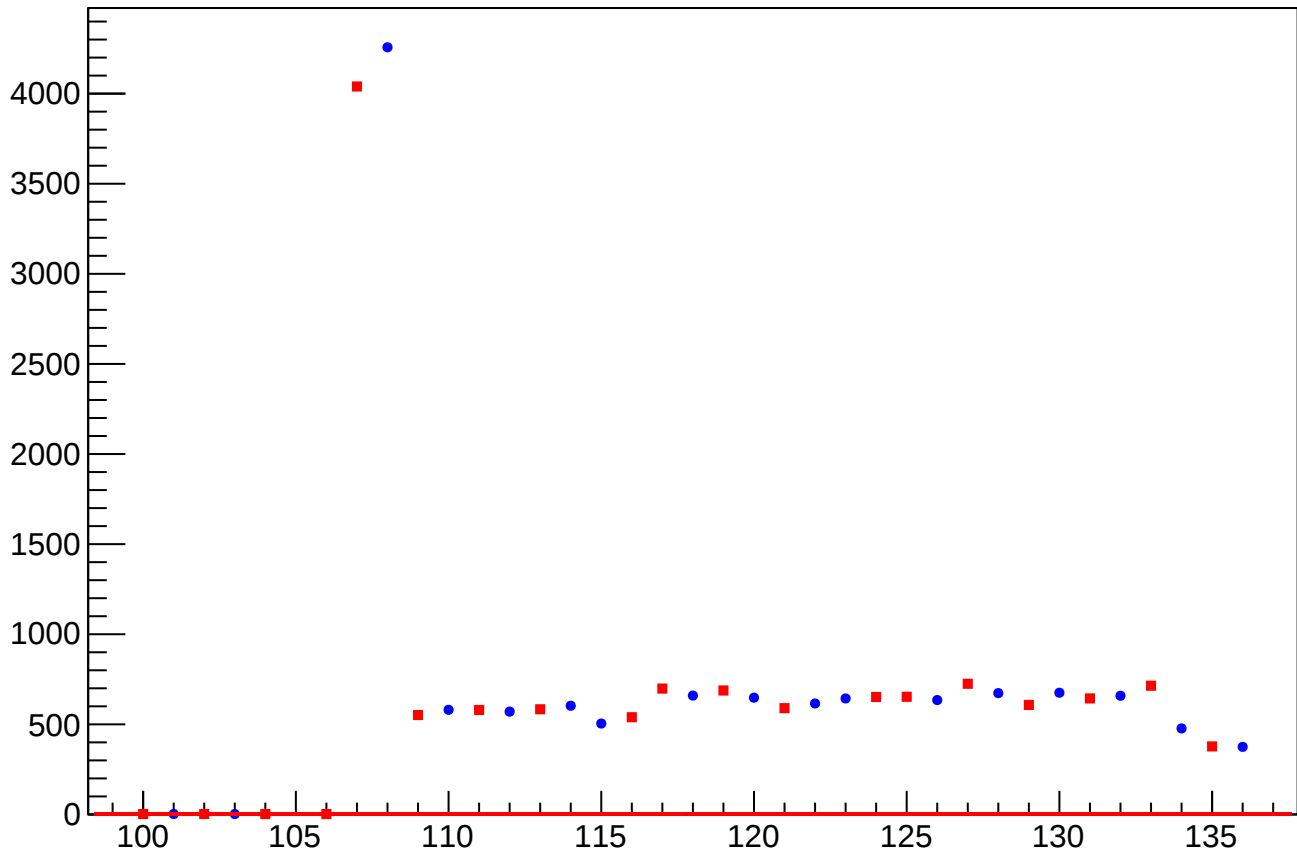
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.529+/-2.251 χ^2/NDF : 17.0/16

-0.326+/-1.540 χ^2/NDF : 38.4/35

0.732+/-2.111 χ^2/NDF : 20.9/18

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.457+/-0.002 χ^2/NDF : 10847802.4/16

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

Right Out: 2.435+/-0.001 χ^2/NDF : 10862146.0/18

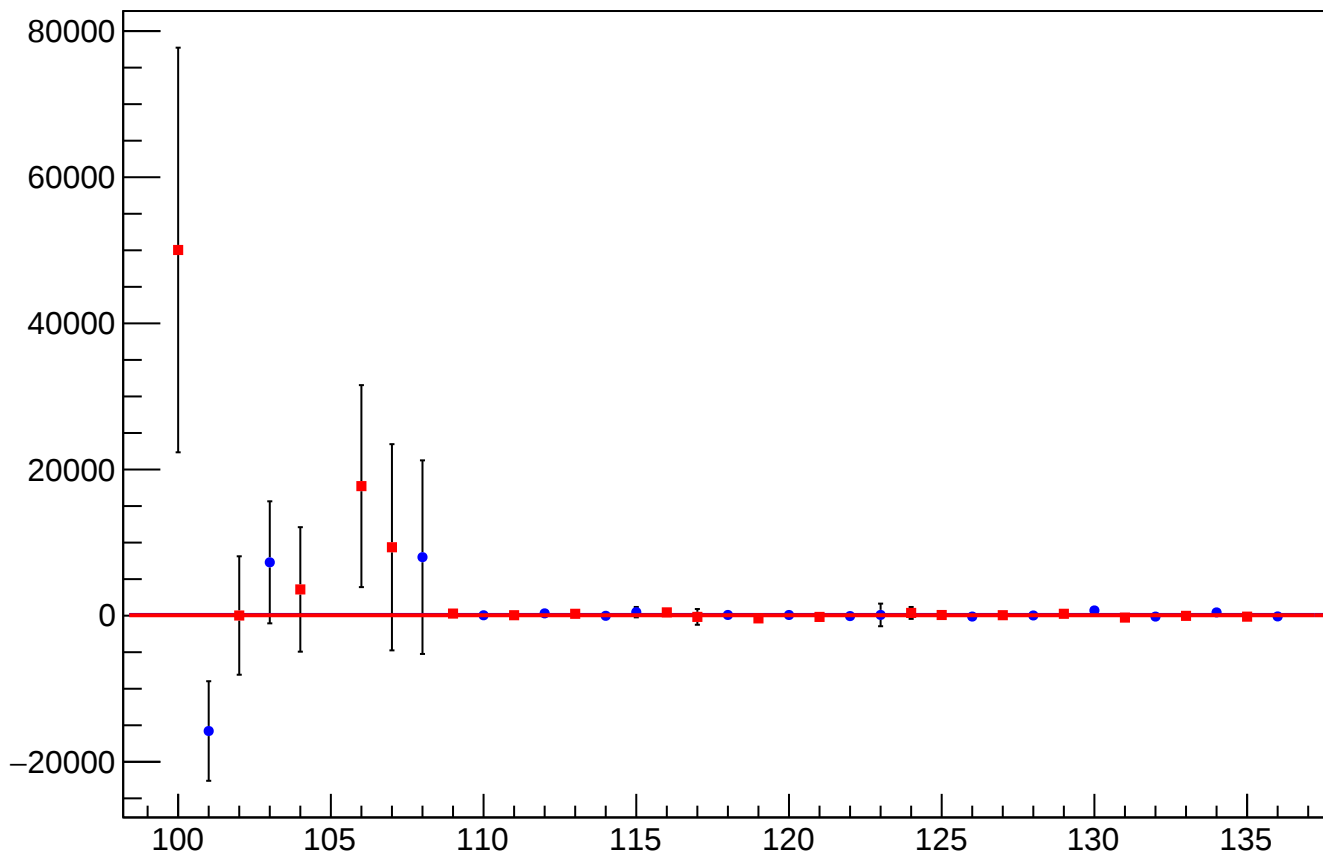
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.457+/-0.002 χ^2/NDF : 10847802.4/16

2.445+/-0.001 χ^2/NDF : 21710049.9/35

2.435+/-0.001 χ^2/NDF : 10862146.0/18

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 98.643+/-90.860 χ^2/NDF : 11.9/16

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

Right Out: 58.191+/-85.602 χ^2/NDF : 12.7/18

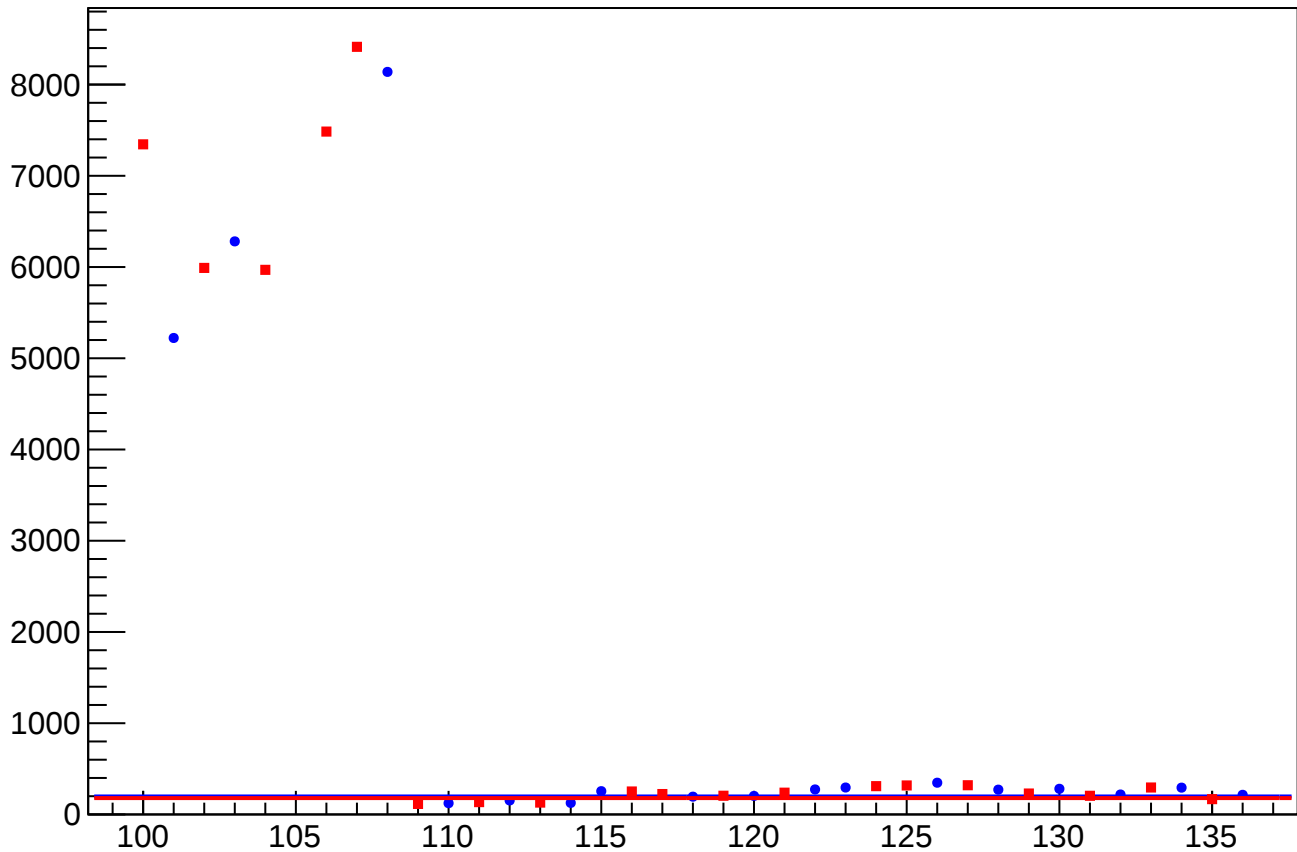
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.643+/-90.860 χ^2/NDF : 11.9/16

77.213+/-62.306 χ^2/NDF : 24.6/35

58.191+/-85.602 χ^2/NDF : 12.7/18

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086 $\pm$ 0.064 χ^2 /NDF: 3693614.0/16

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

Right Out: 179.402 $\pm$ 0.061 χ^2 /NDF: 4318734.0/18

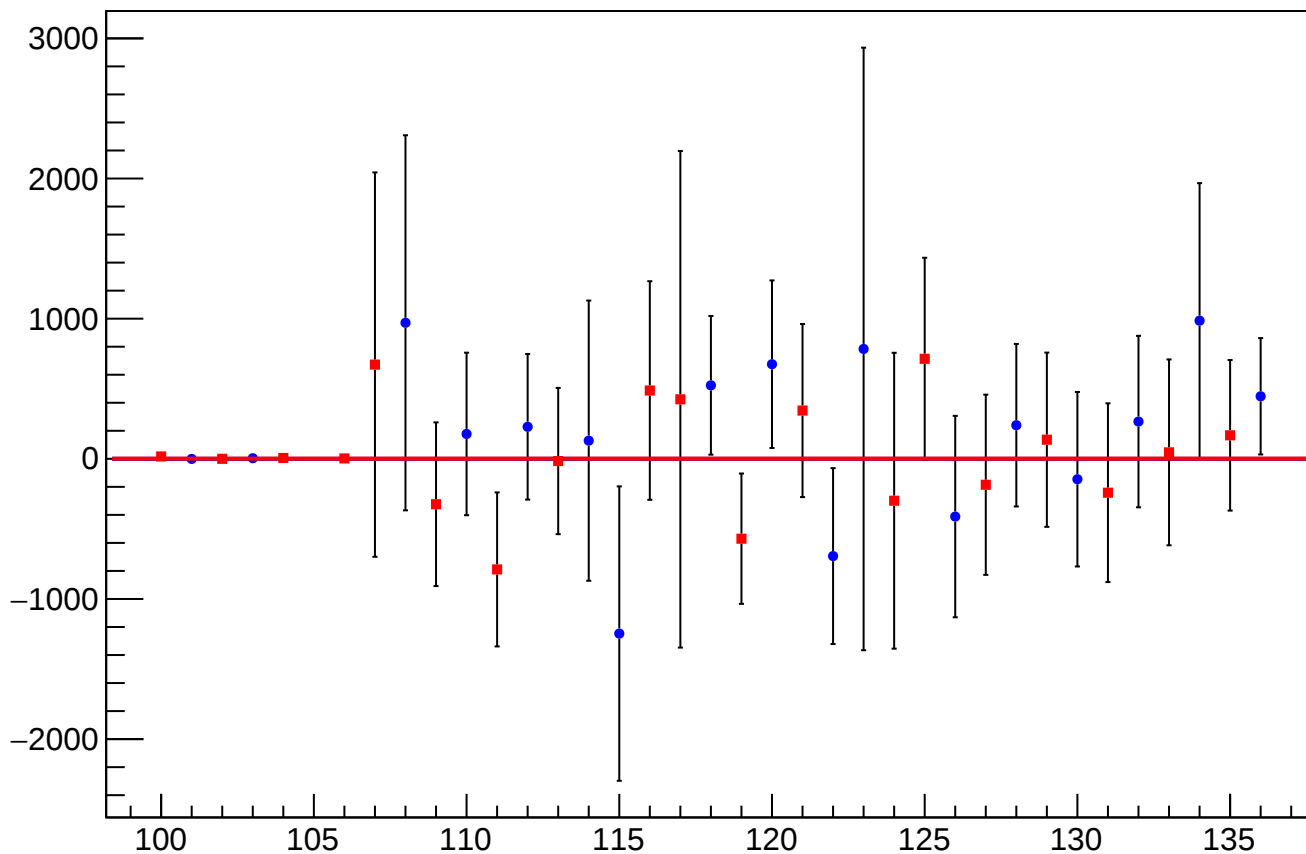
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

197.086 $\pm$ 0.064 χ^2 /NDF: 3693614.0/16

187.718 $\pm$ 0.044 χ^2 /NDF: 8052479.7/35

179.402 $\pm$ 0.061 χ^2 /NDF: 4318734.0/18

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.138 ± 1.737 χ^2/NDF : 9.7/16

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

Right Out: 1.326 ± 1.623 χ^2/NDF : 9.0/18

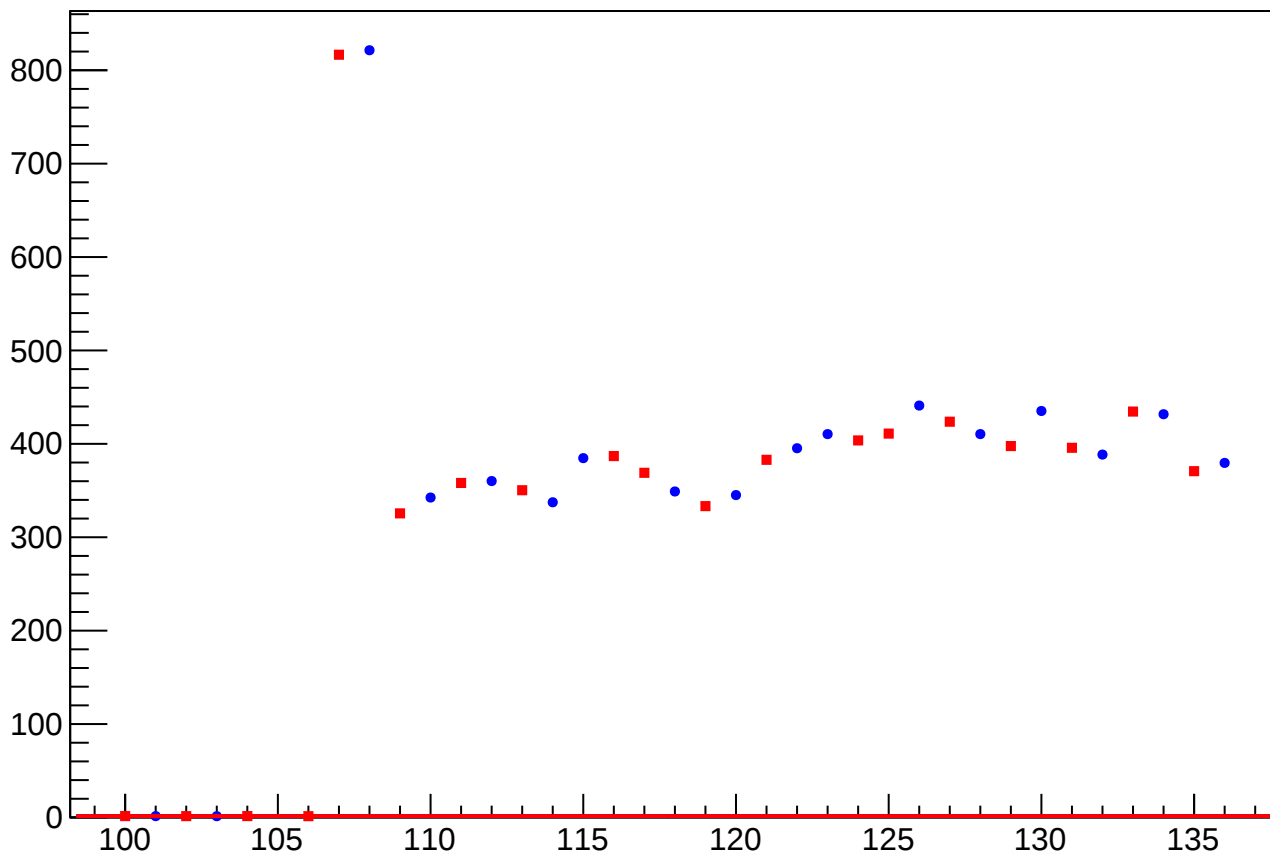
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.138 ± 1.737 χ^2/NDF : 9.7/16

0.644 ± 1.186 χ^2/NDF : 19.2/35

1.326 ± 1.623 χ^2/NDF : 9.0/18

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.453+/-0.001 χ^2/NDF : 10957986.8/16

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

Right Out: 1.450+/-0.001 χ^2/NDF : 10591898.0/18

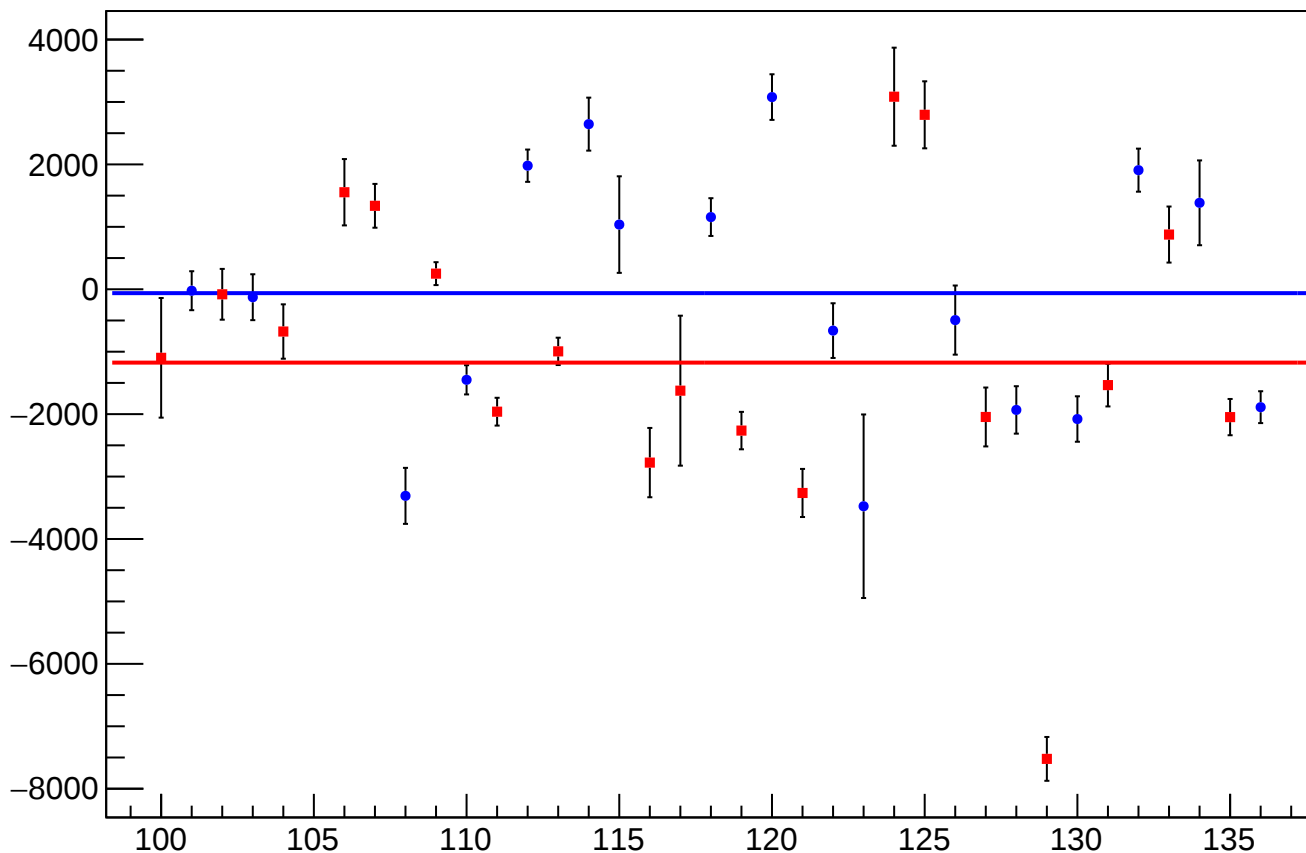
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.453+/-0.001 χ^2/NDF : 10957986.8/16

1.451+/-0.001 χ^2/NDF : 21549887.5/35

1.450+/-0.001 χ^2/NDF : 10591898.0/18

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -62.164+/-87.424 χ^2 /NDF: 433.9/16

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

Right Out: -1174.811+/-79.136 χ^2 /NDF: 656.2/18

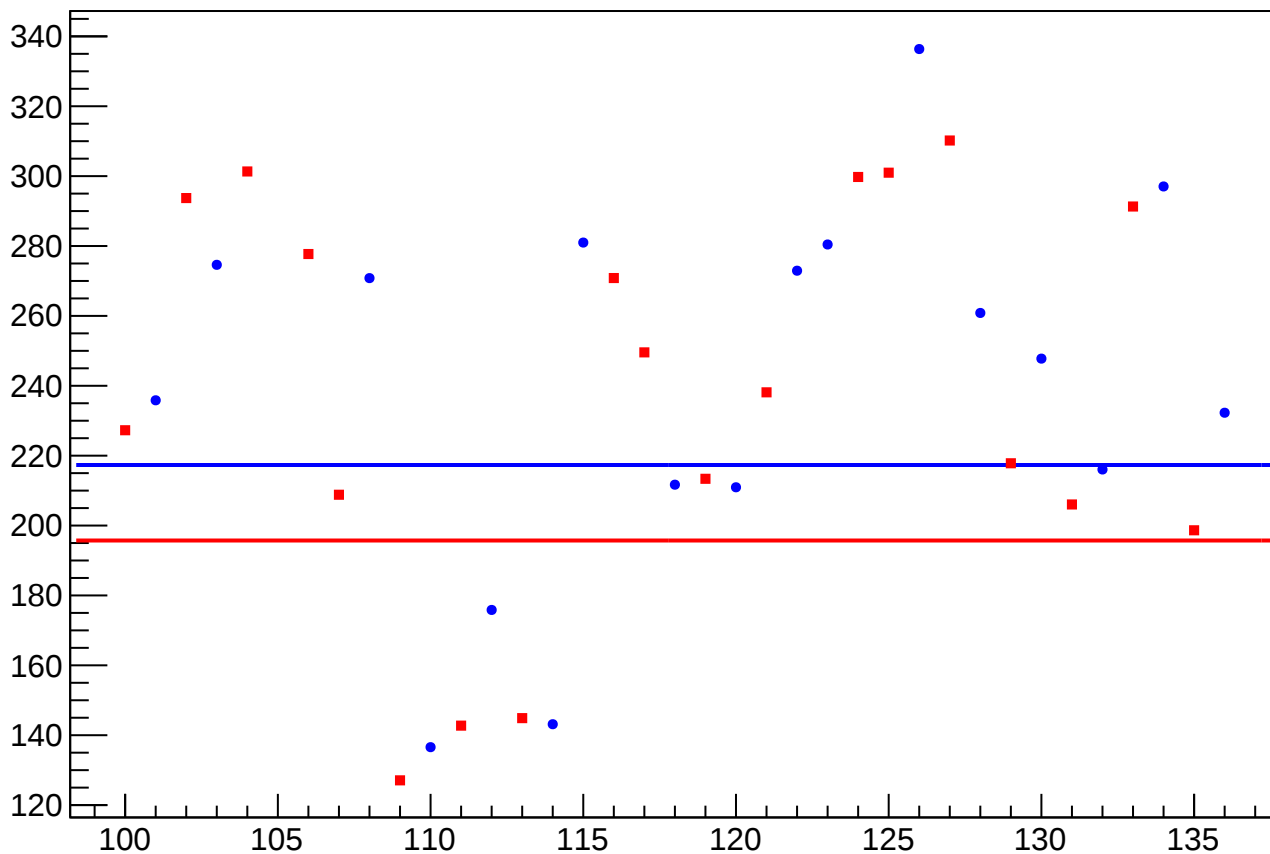
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-62.164+/-87.424 χ^2 /NDF: 433.9/16

-673.714+/-58.669 χ^2 /NDF: 1179.1/35

-1174.811+/-79.136 χ^2 /NDF: 656.2/18

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330+/-0.062 χ^2/NDF : 652722.5/16

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

Right Out: 195.721+/-0.056 χ^2/NDF : 1189585.6/18

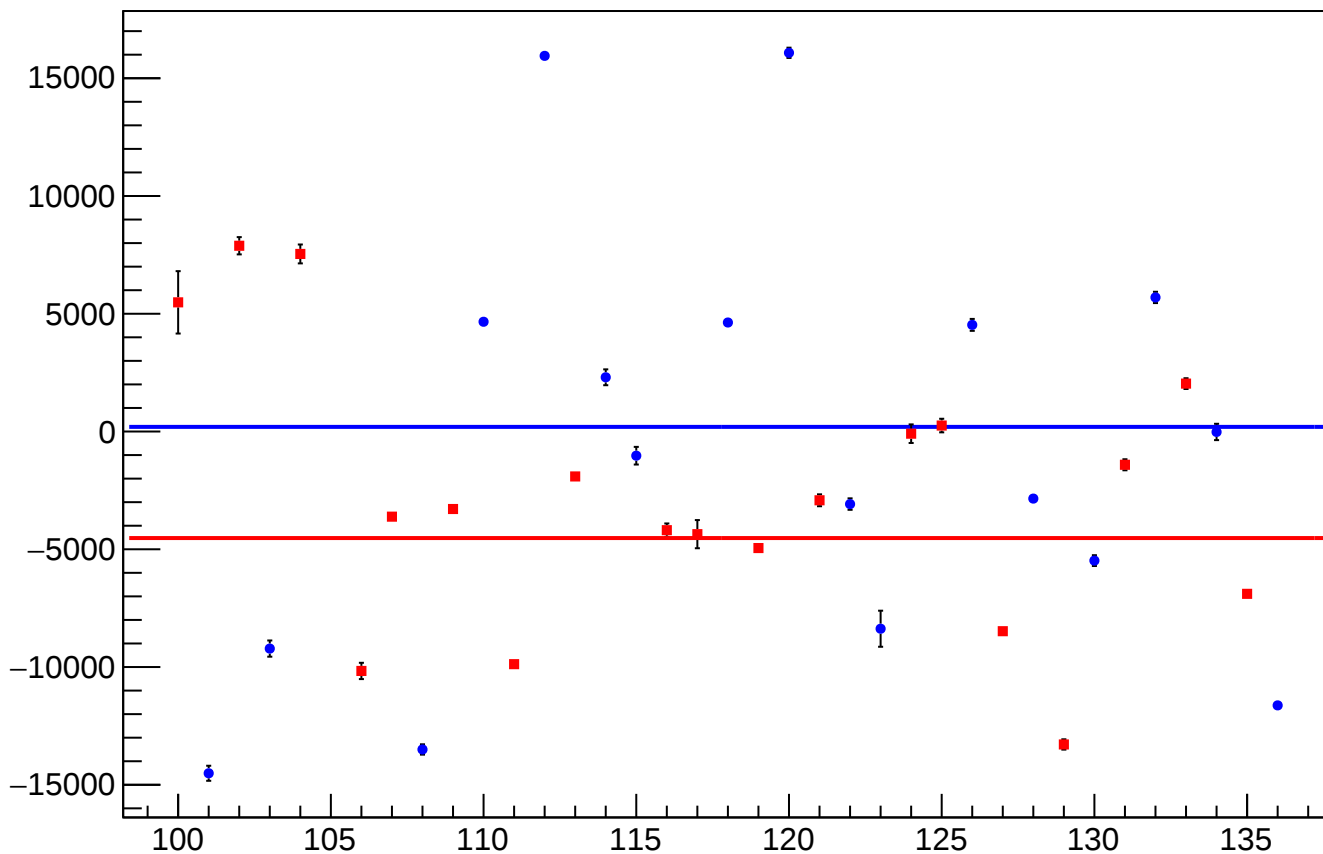
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

217.330+/-0.062 χ^2/NDF : 652722.5/16

205.453+/-0.041 χ^2/NDF : 1909471.0/35

195.721+/-0.056 χ^2/NDF : 1189585.6/18

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008+/-54.799 χ^2/NDF : 30658.3/16

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

Right Out: -4523.728+/-52.867 χ^2/NDF : 7476.0/18

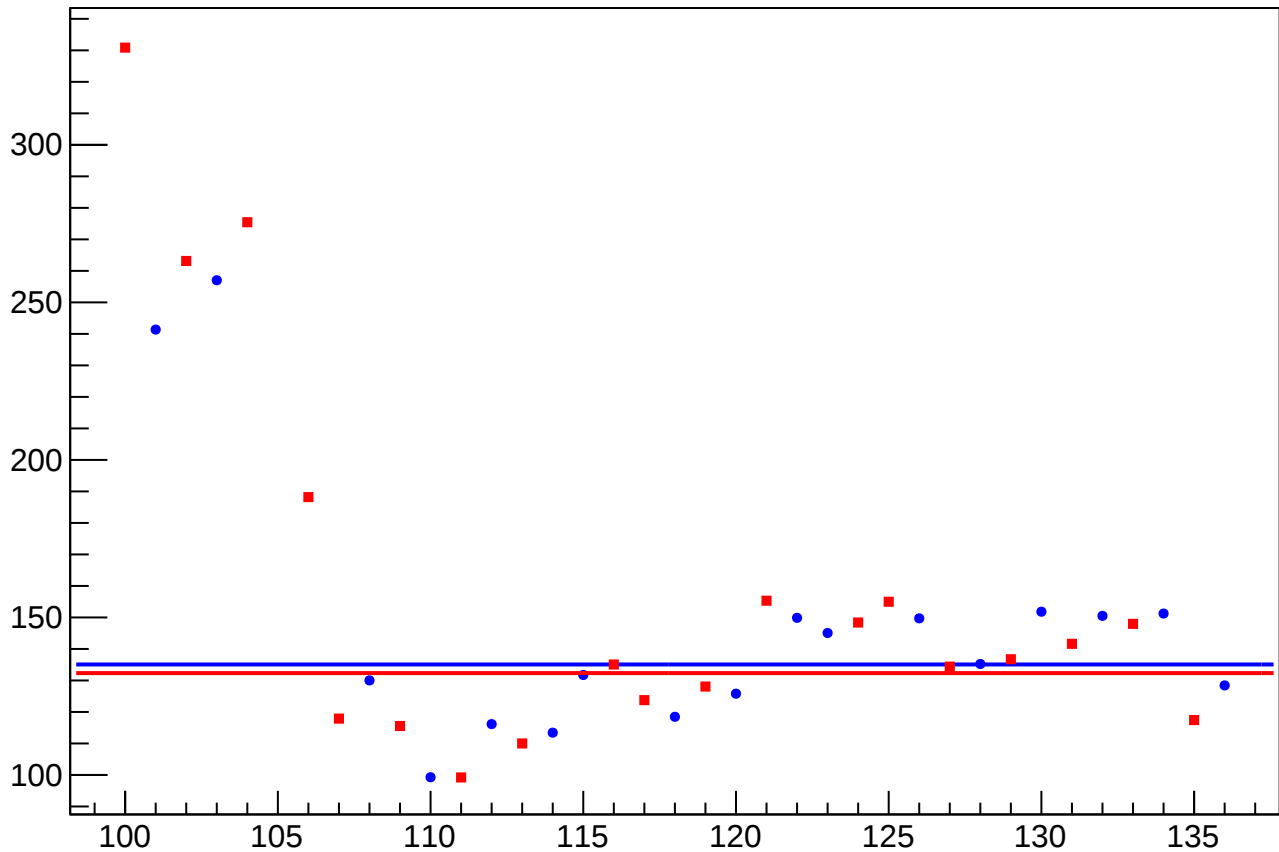
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.008+/-54.799 χ^2/NDF : 30658.3/16

-2248.017+/-38.047 χ^2/NDF : 41978.0/35

-4523.728+/-52.867 χ^2/NDF : 7476.0/18

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072 $\pm$ 0.039 χ^2 /NDF: 658703.5/16

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

Right Out: 132.339 $\pm$ 0.037 χ^2 /NDF: 826428.0/18

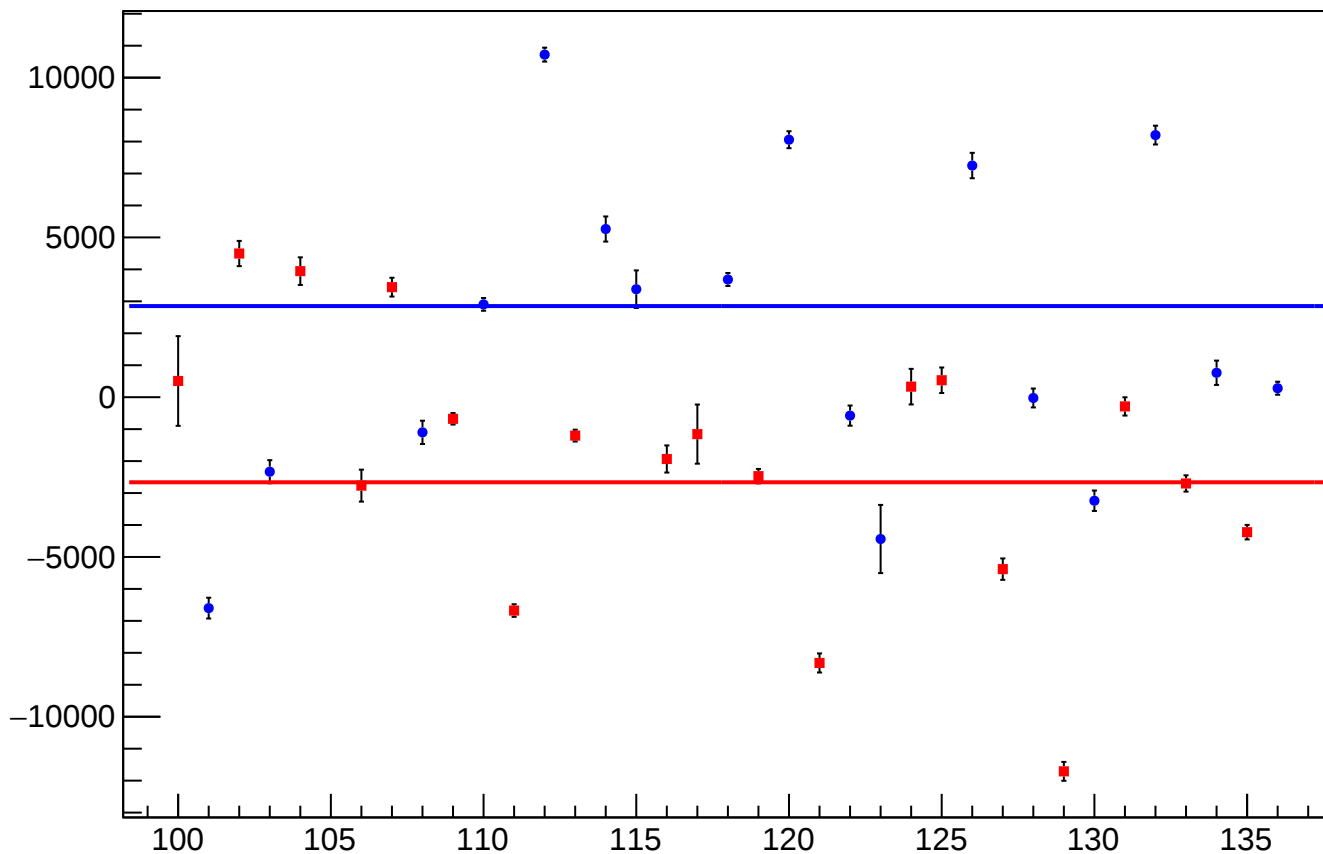
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.072 $\pm$ 0.039 χ^2 /NDF: 658703.5/16

133.657 $\pm$ 0.027 χ^2 /NDF: 1487707.1/35

132.339 $\pm$ 0.037 χ^2 /NDF: 826428.0/18

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437+/-70.753 χ^2/NDF : 4178.1/16

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

Right Out: -2663.043+/-66.244 χ^2/NDF : 3173.2/18

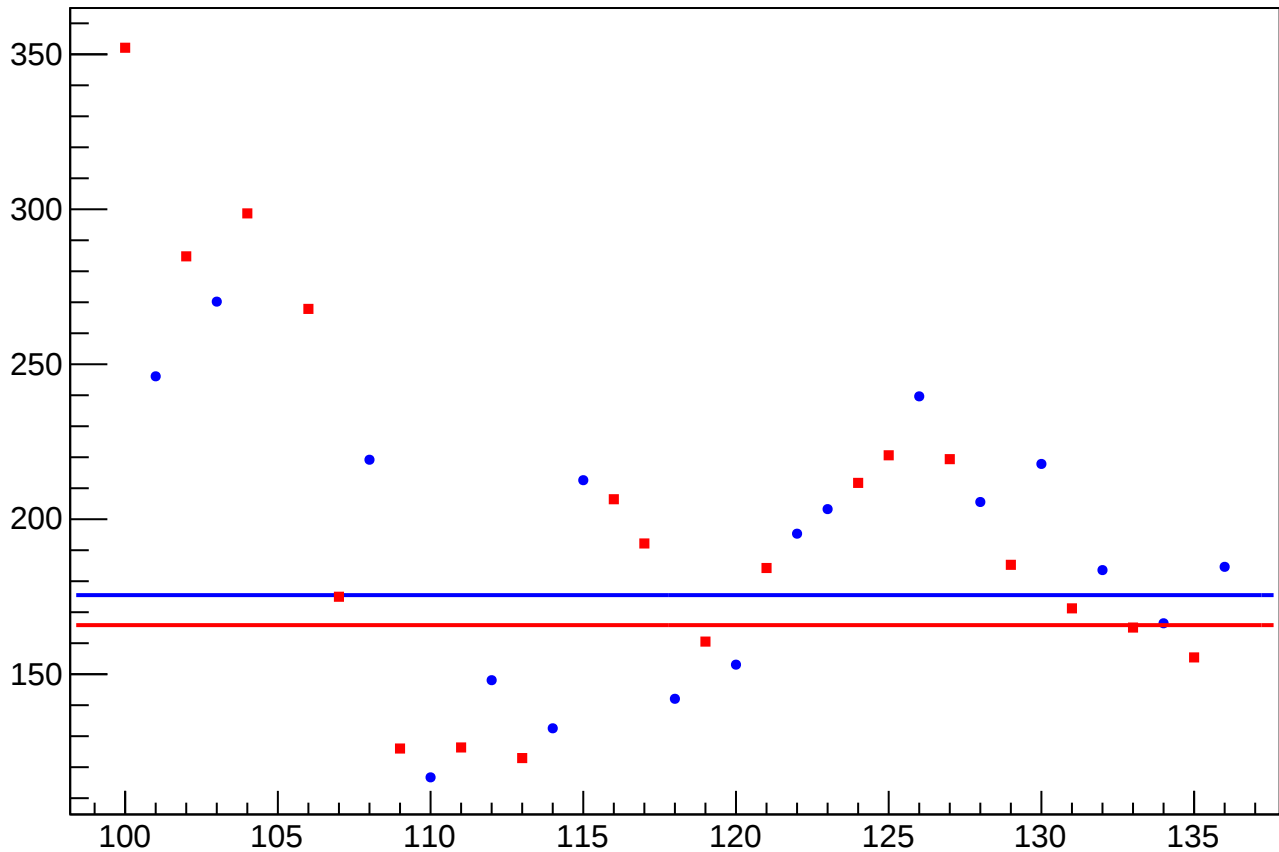
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2851.437+/-70.753 χ^2/NDF : 4178.1/16

-87.109+/-48.357 χ^2/NDF : 10588.3/35

-2663.043+/-66.244 χ^2/NDF : 3173.2/18

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514+/-0.050 χ^2/NDF : 689642.3/16

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

Right Out: 165.834+/-0.047 χ^2/NDF : 920475.2/18

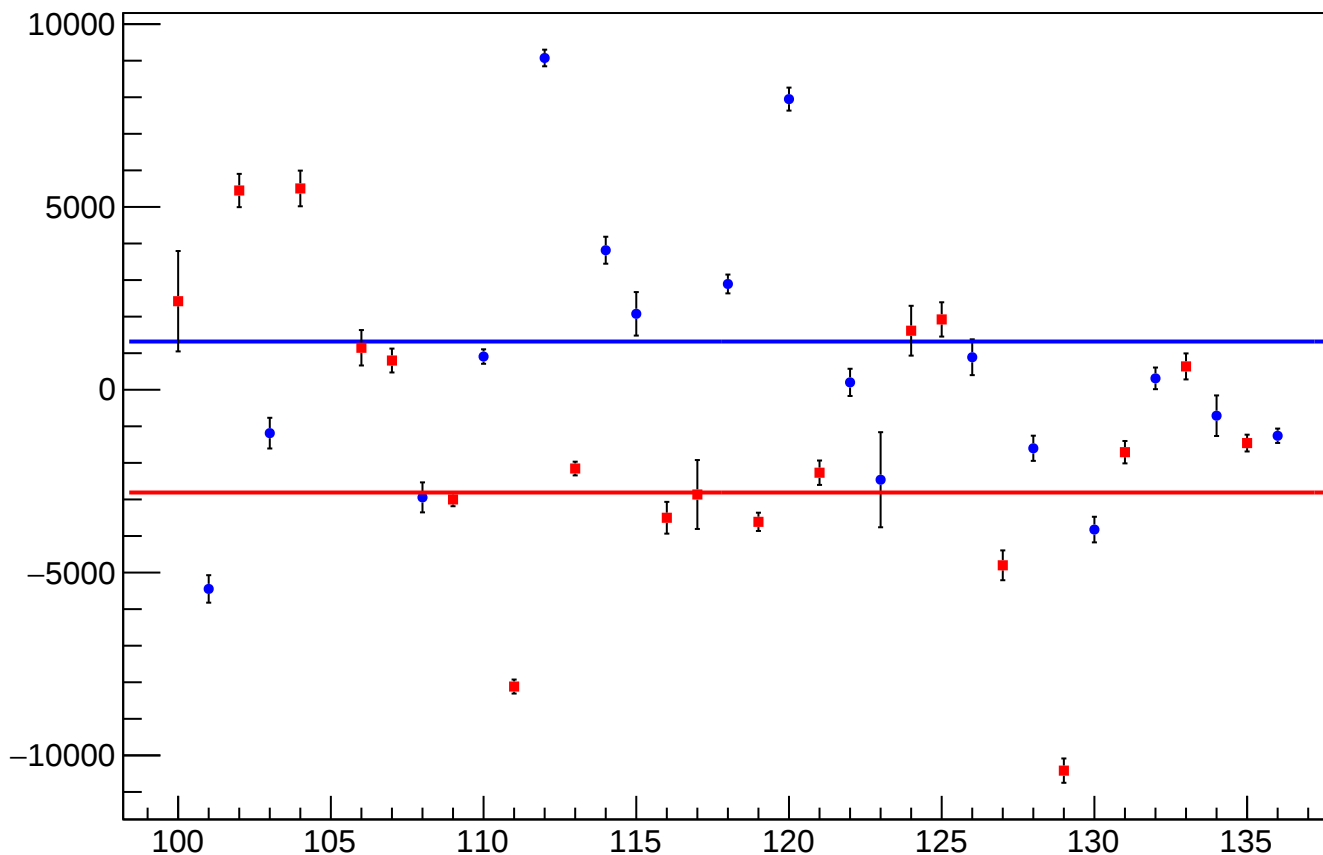
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.514+/-0.050 χ^2/NDF : 689642.3/16

170.356+/-0.034 χ^2/NDF : 1630068.7/35

165.834+/-0.047 χ^2/NDF : 920475.2/18

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009+/-77.146 χ^2/NDF : 2667.0/16

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

Right Out: -2810.103+/-70.942 χ^2/NDF : 2453.2/18

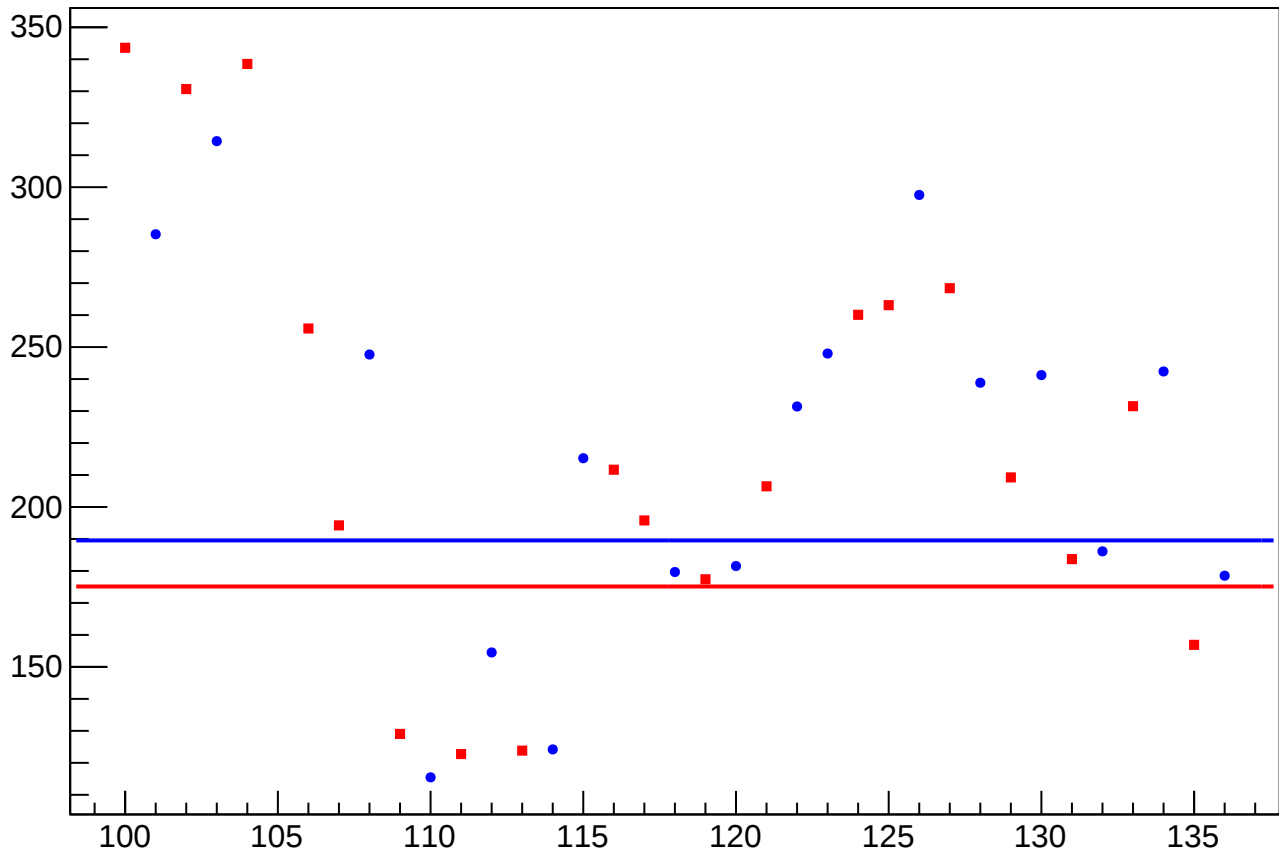
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1319.009+/-77.146 χ^2/NDF : 2667.0/16

-918.224+/-52.219 χ^2/NDF : 6672.4/35

-2810.103+/-70.942 χ^2/NDF : 2453.2/18

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544+/-0.055 χ^2/NDF : 980744.6/16

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

Right Out: 175.140+/-0.050 χ^2/NDF : 1297993.9/18

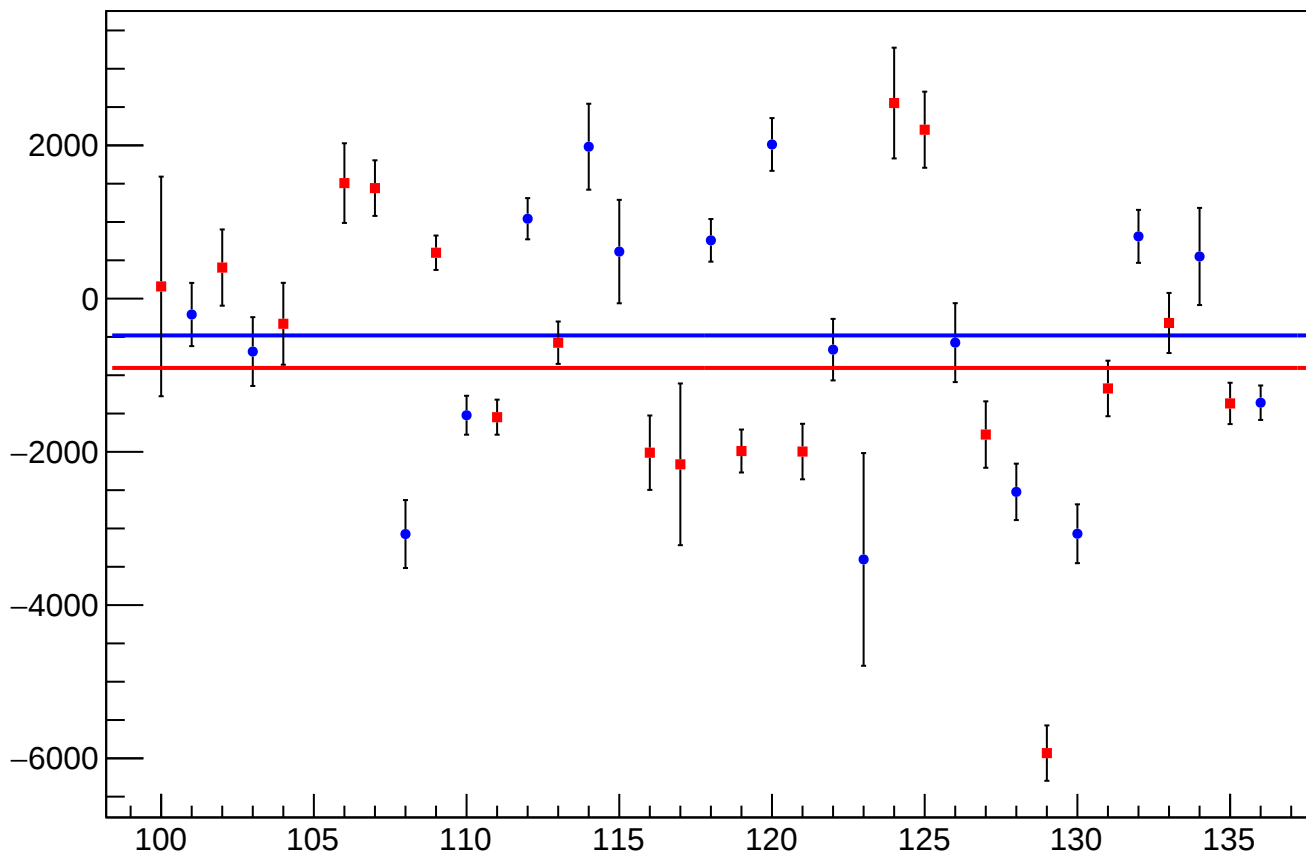
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.544+/-0.055 χ^2/NDF : 980744.6/16

181.740+/-0.037 χ^2/NDF : 2316519.1/35

175.140+/-0.050 χ^2/NDF : 1297993.9/18

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578+/-88.640 χ^2/NDF : 290.7/16

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

Right Out: -904.828+/-83.439 χ^2/NDF : 422.1/18

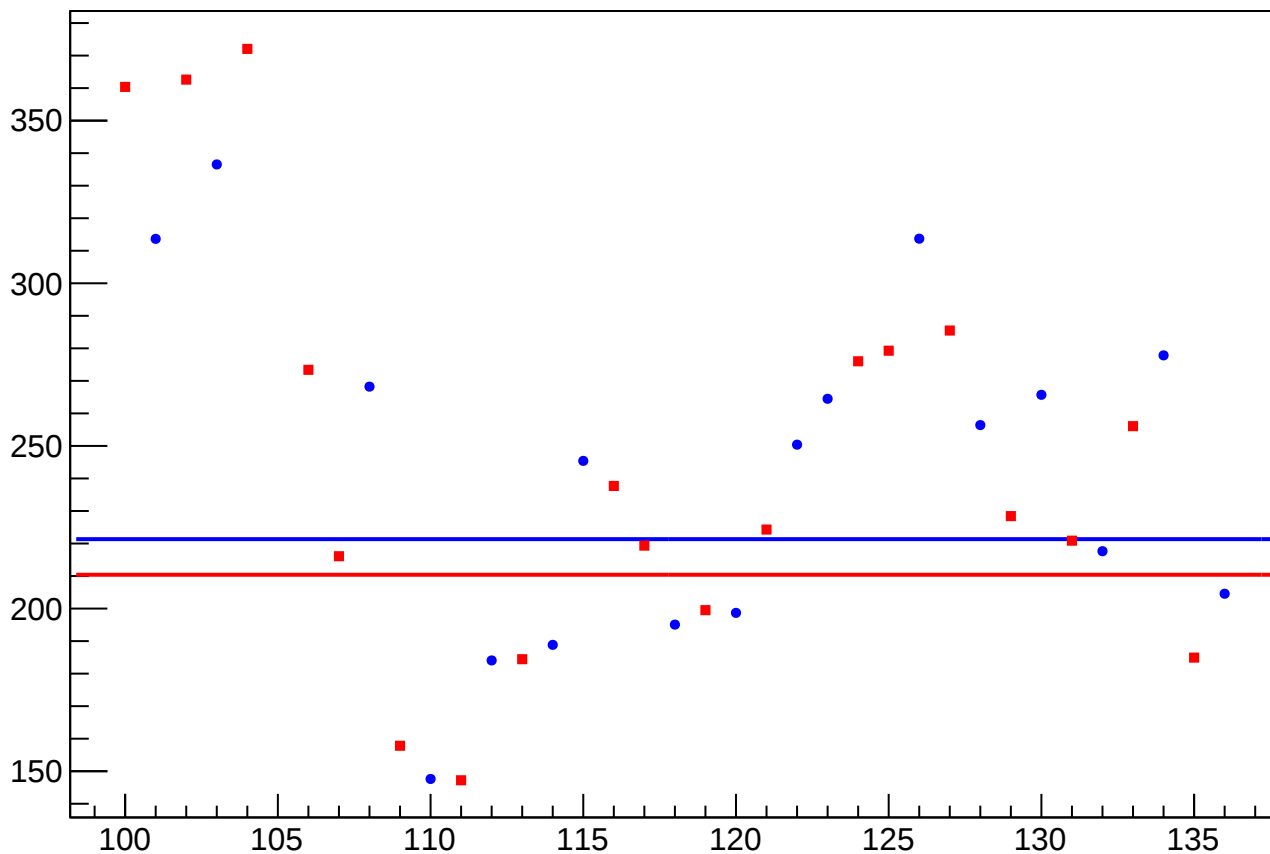
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-480.578+/-88.640 χ^2/NDF : 290.7/16

-705.514+/-60.756 χ^2/NDF : 725.0/35

-904.828+/-83.439 χ^2/NDF : 422.1/18

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

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

Right Out: 210.397 $\pm$ 0.059 χ^2 /NDF: 880843.7/18

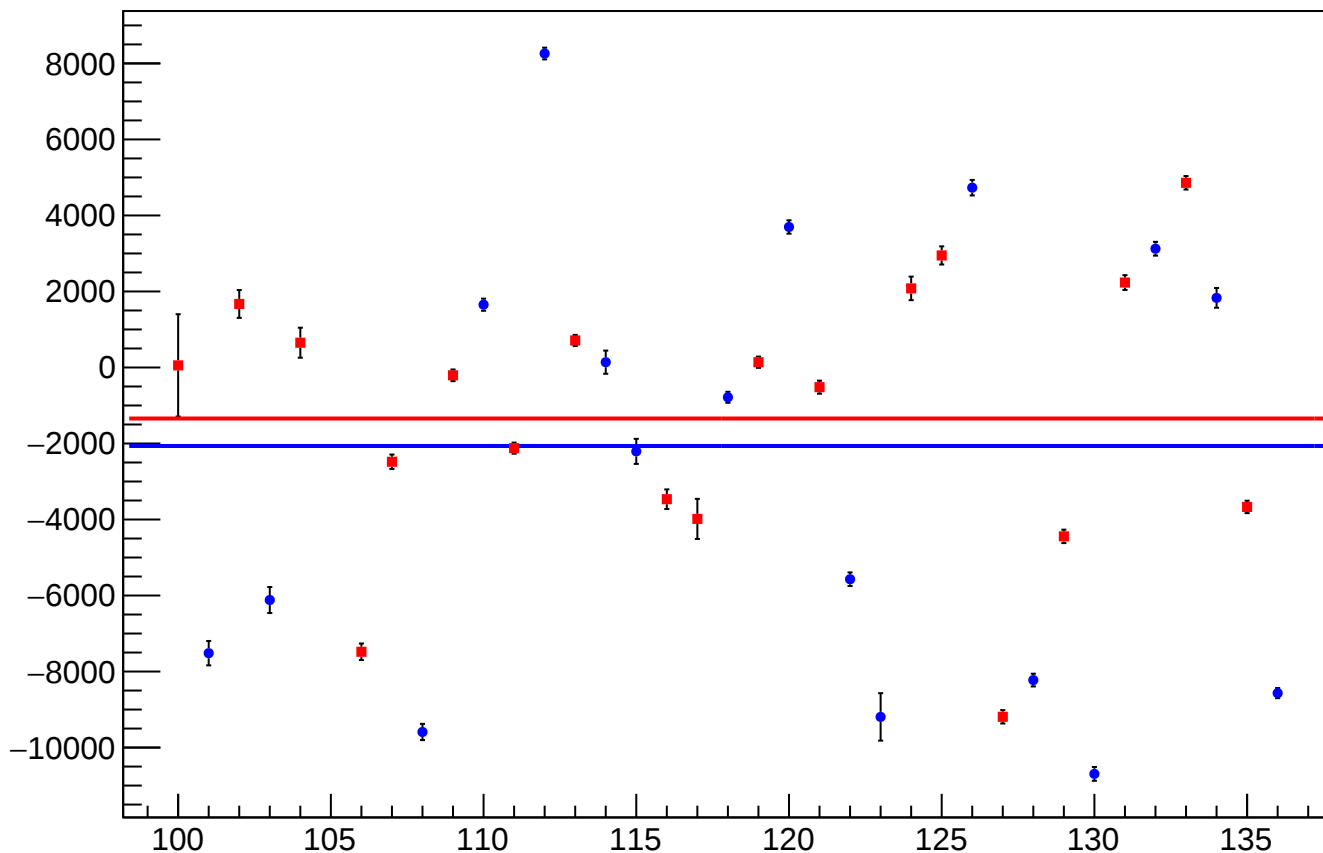
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

215.539 $\pm$ 0.043 χ^2 /NDF: 1542699.5/35

210.397 $\pm$ 0.059 χ^2 /NDF: 880843.7/18

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160 ± 47.322 $\chi^2/\text{NDF}: 16533.3/16$

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

Right Out: -1342.733 ± 45.424 $\chi^2/\text{NDF}: 5915.7/18$

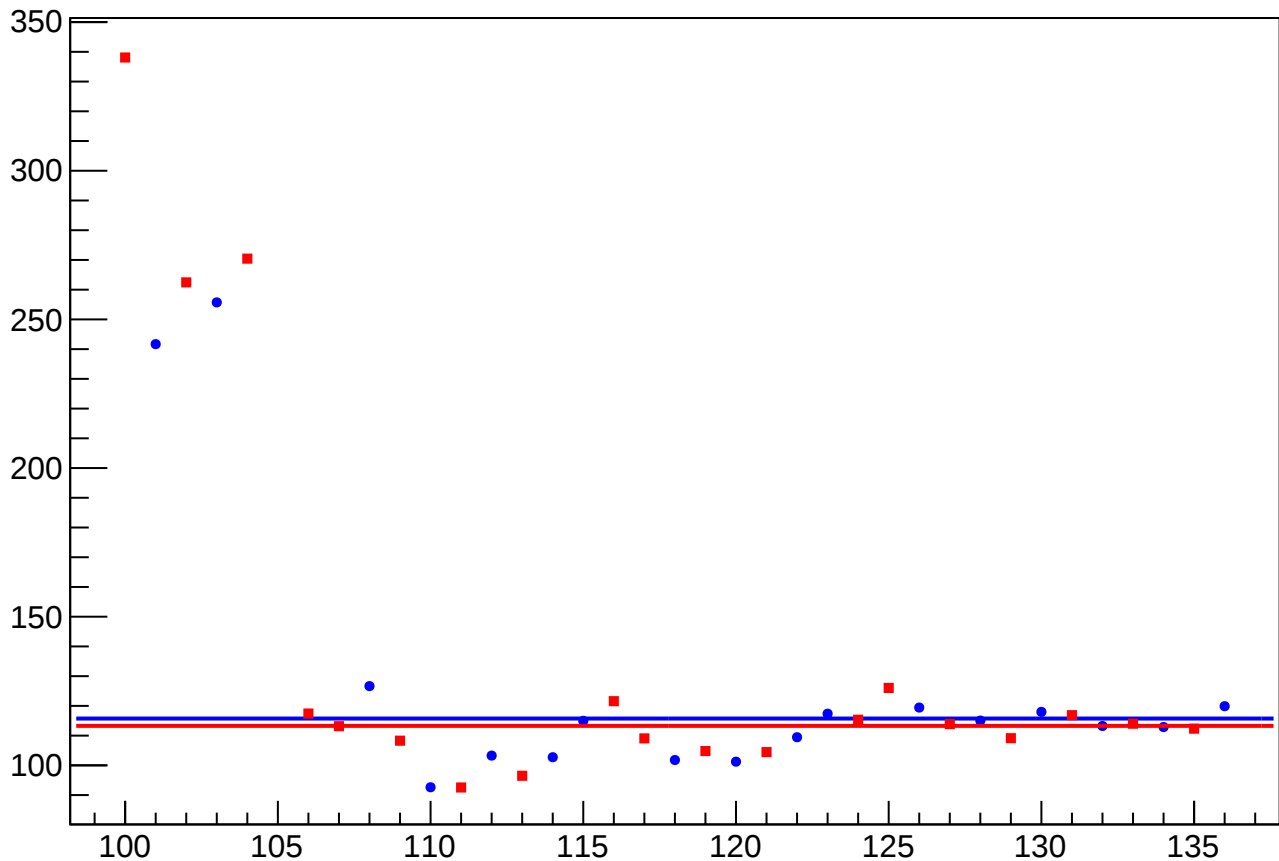
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2065.160 ± 47.322 $\chi^2/\text{NDF}: 16533.3/16$

-1689.164 ± 32.770 $\chi^2/\text{NDF}: 22570.2/35$

-1342.733 ± 45.424 $\chi^2/\text{NDF}: 5915.7/18$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741 $\pm$ 0.033 χ^2 /NDF: 744017.7/16

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

Right Out: 113.283 $\pm$ 0.032 χ^2 /NDF: 795200.0/18

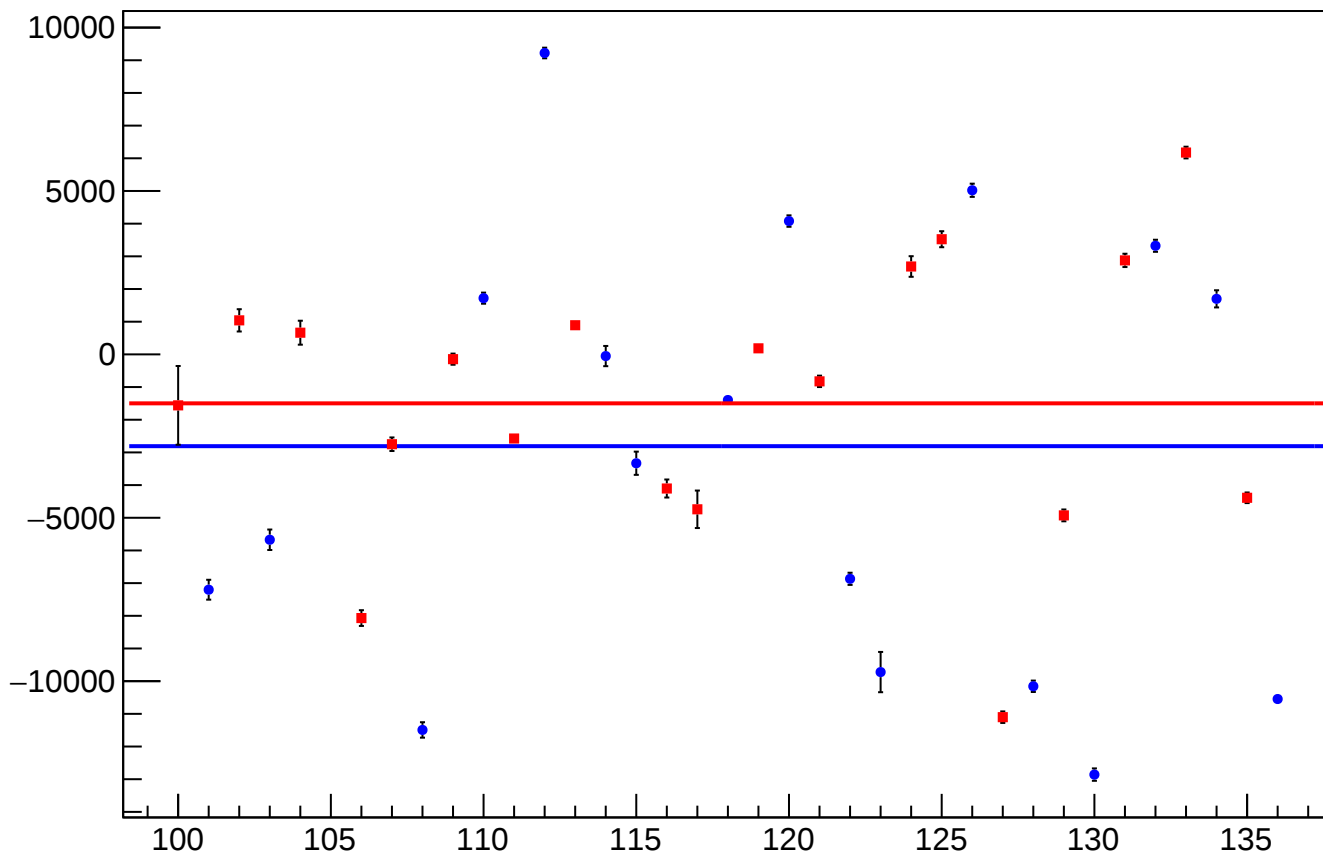
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

115.741 $\pm$ 0.033 χ^2 /NDF: 744017.7/16

114.461 $\pm$ 0.023 χ^2 /NDF: 1542025.9/35

113.283 $\pm$ 0.032 χ^2 /NDF: 795200.0/18

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101 $\pm$ 48.284 χ^2 /NDF: 21263.1/16

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

Right Out: -1498.632 $\pm$ 46.952 χ^2 /NDF: 8034.8/18

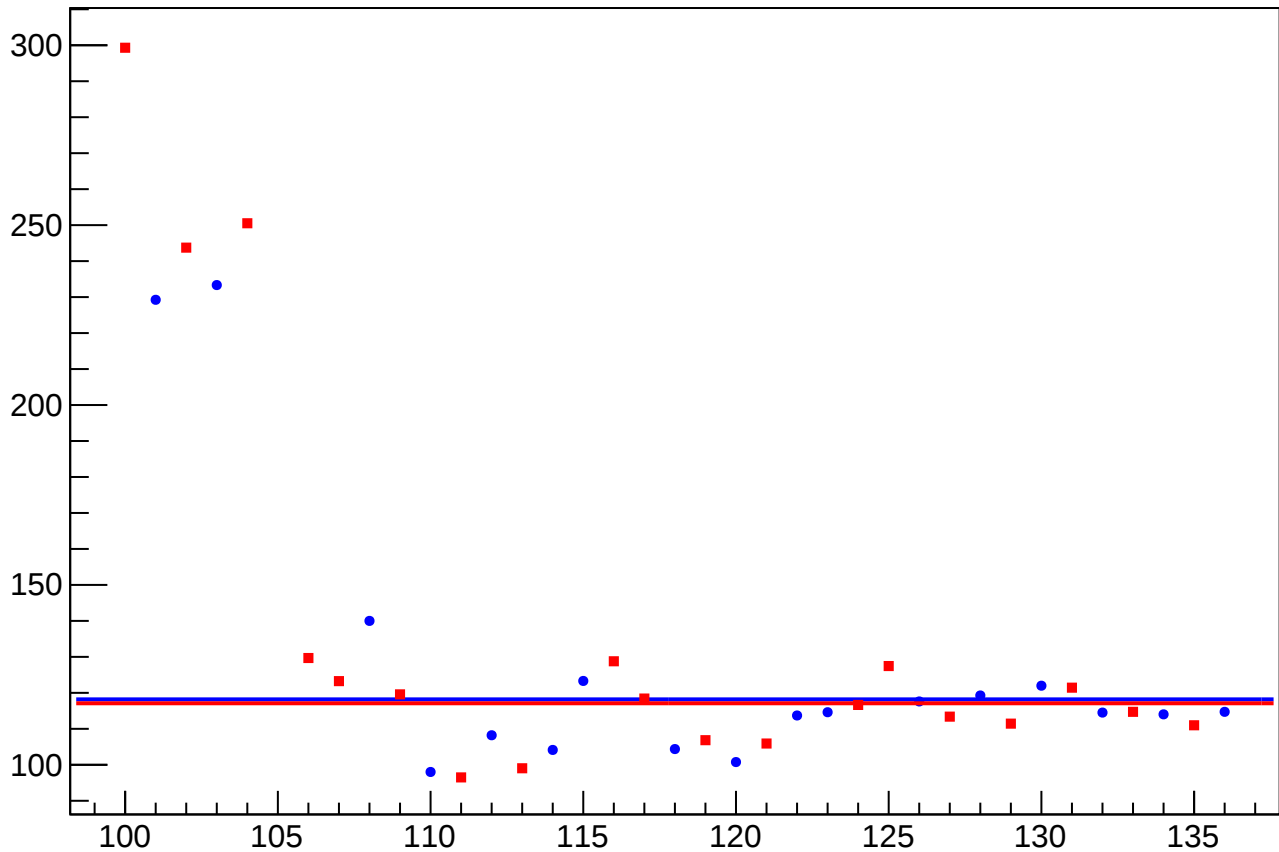
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2809.101 $\pm$ 48.284 χ^2 /NDF: 21263.1/16

-2135.529 $\pm$ 33.661 χ^2 /NDF: 29676.6/35

-1498.632 $\pm$ 46.952 χ^2 /NDF: 8034.8/18

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

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

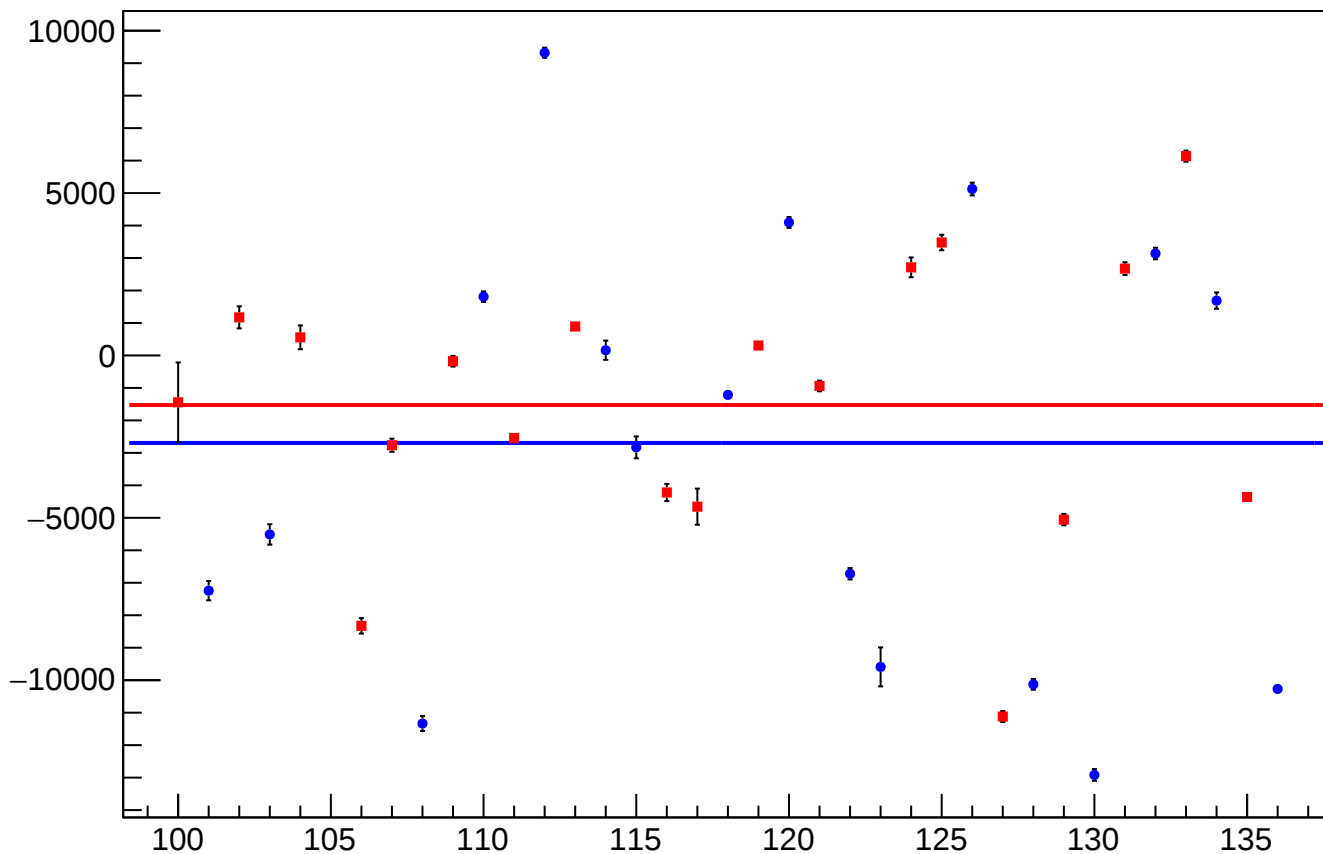
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

117.630 $\pm$ 0.024 χ^2 /NDF: 1327349.7/35

117.102 $\pm$ 0.033 χ^2 /NDF: 690577.7/18

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2694.260+/-46.347 χ^2/NDF : 22860.3/16

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

Right Out: -1526.874+/-44.962 χ^2/NDF : 8747.3/18

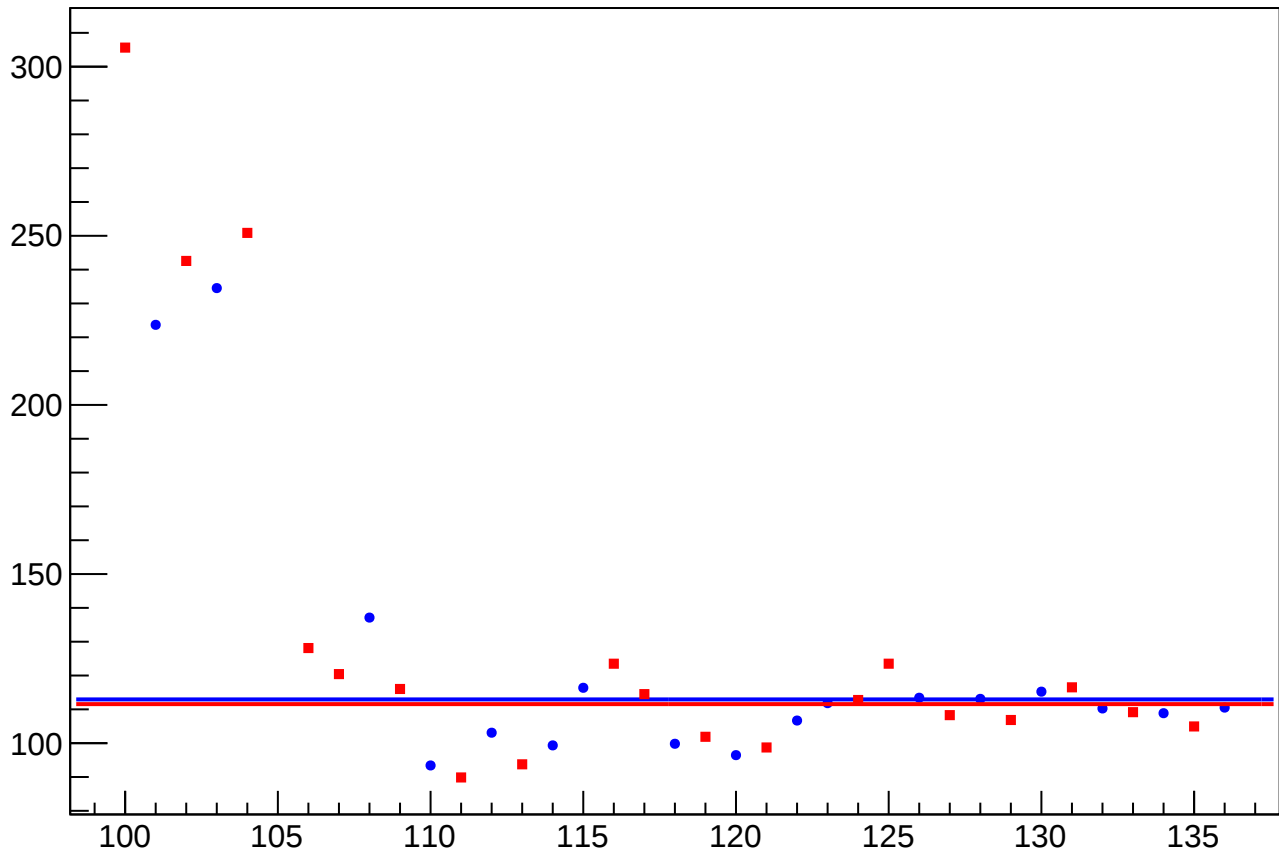
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2694.260+/-46.347 χ^2/NDF : 22860.3/16

-2092.867+/-32.272 χ^2/NDF : 31934.4/35

-1526.874+/-44.962 χ^2/NDF : 8747.3/18

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940+/-0.033 χ^2/NDF : 680283.1/16

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

Right Out: 111.546+/-0.032 χ^2/NDF : 765550.5/18

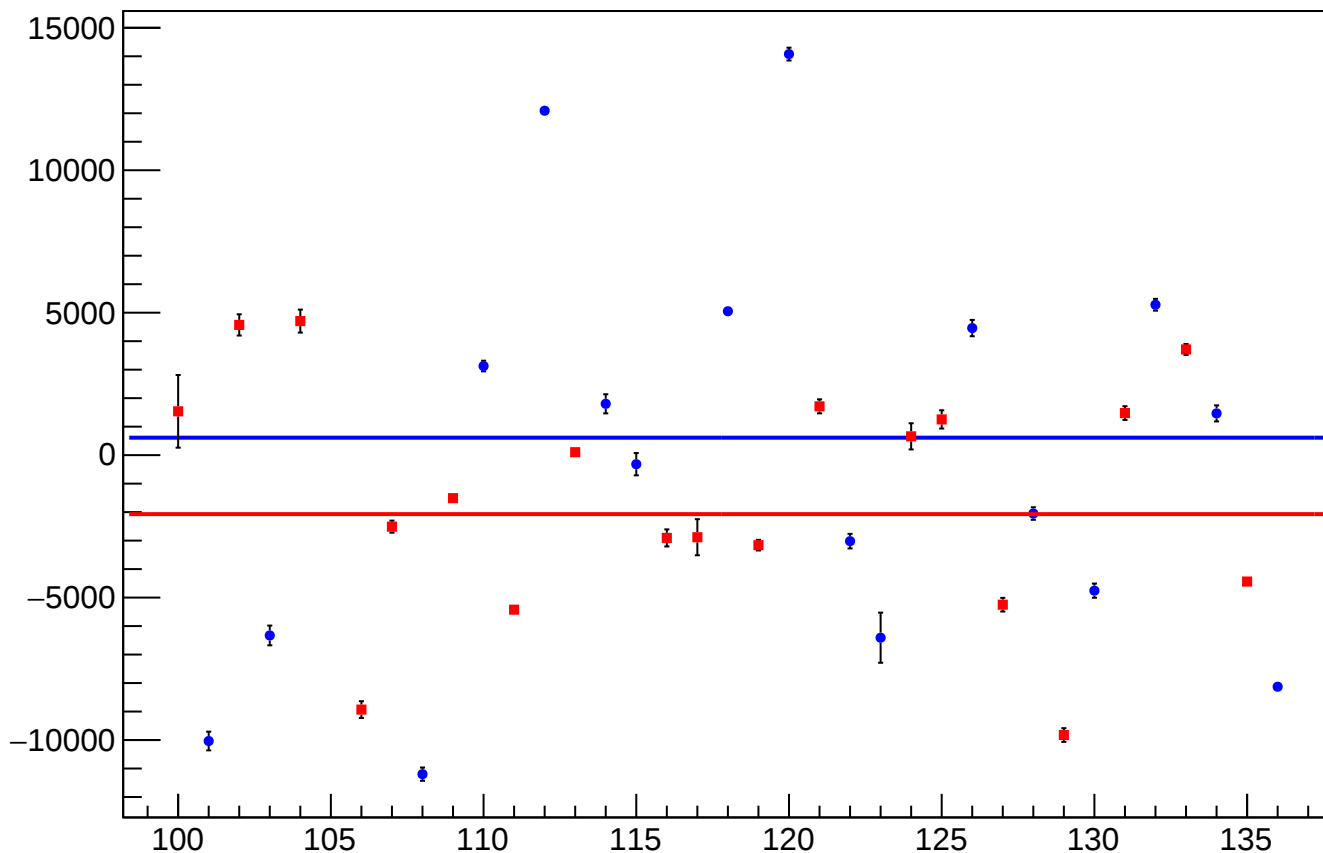
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.940+/-0.033 χ^2/NDF : 680283.1/16

112.222+/-0.023 χ^2/NDF : 1446765.6/35

111.546+/-0.032 χ^2/NDF : 765550.5/18

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621 ± 56.062 $\chi^2/\text{NDF}: 18243.4/16$

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

Right Out: -2070.567 ± 54.666 $\chi^2/\text{NDF}: 4644.3/18$

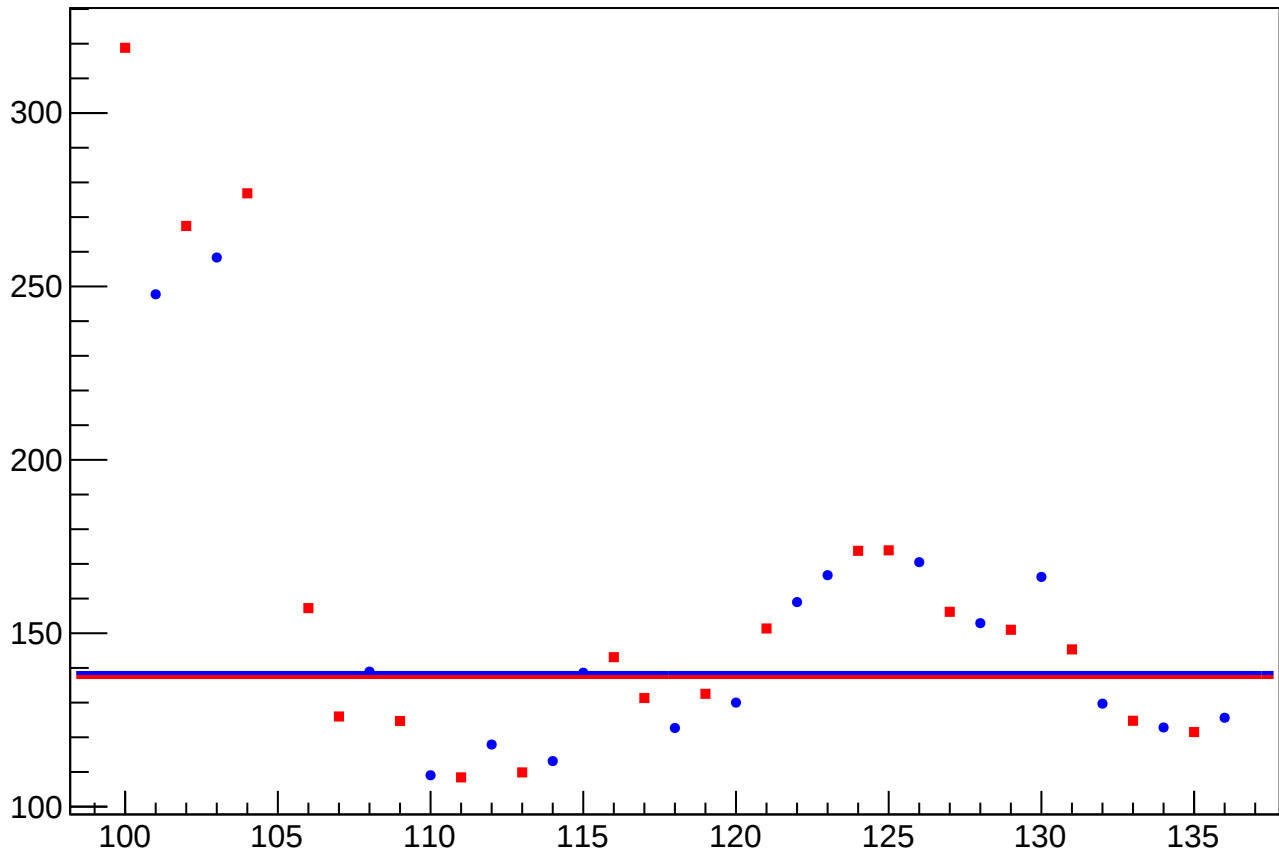
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

612.621 ± 56.062 $\chi^2/\text{NDF}: 18243.4/16$

-762.785 ± 39.139 $\chi^2/\text{NDF}: 24061.9/35$

-2070.567 ± 54.666 $\chi^2/\text{NDF}: 4644.3/18$

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.542+/-0.040 χ^2/NDF : 668941.7/16

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

Right Out: 137.377+/-0.039 χ^2/NDF : 753124.0/18

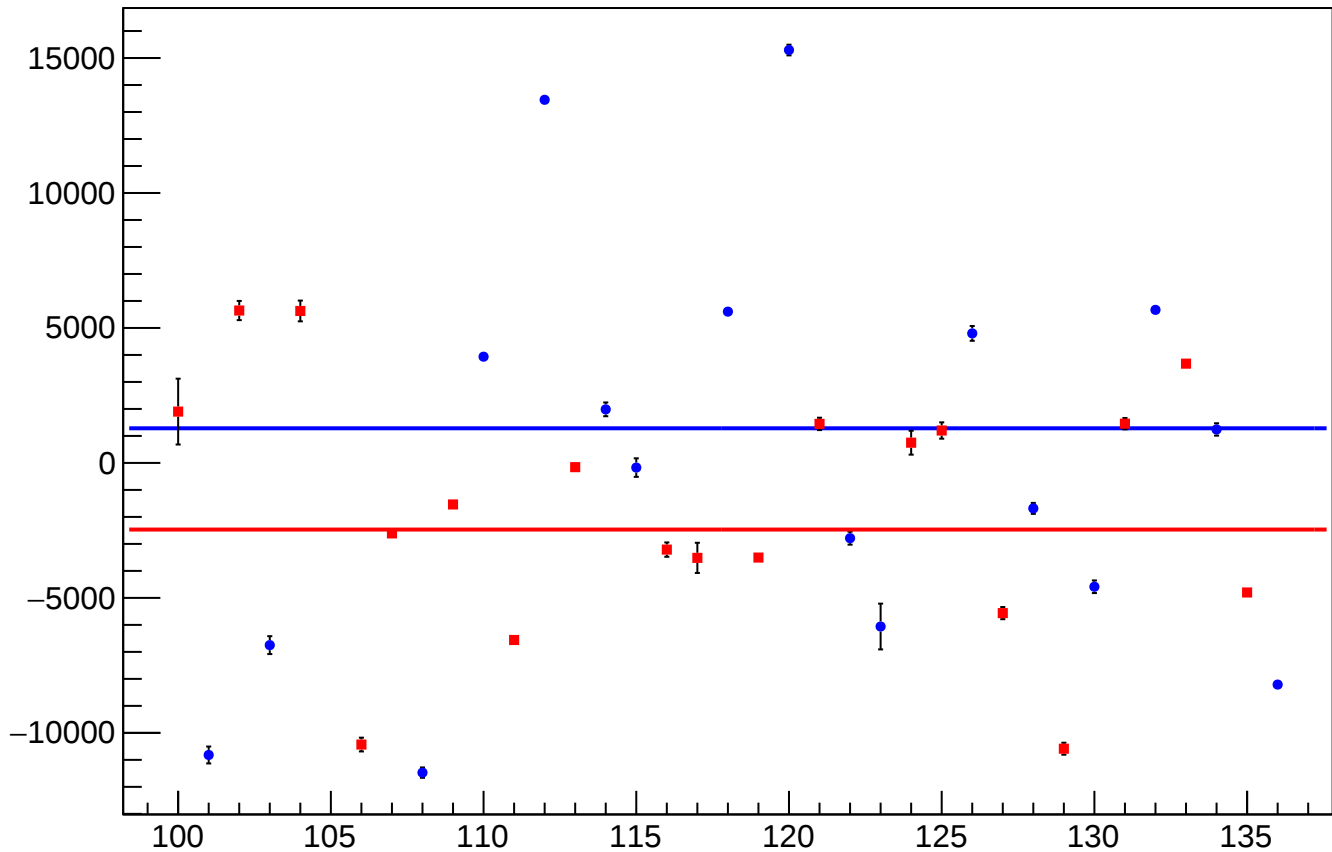
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.542+/-0.040 χ^2/NDF : 668941.7/16

137.944+/-0.028 χ^2/NDF : 1422508.5/35

137.377+/-0.039 χ^2/NDF : 753124.0/18

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 1282.978+/-46.572 χ^2/NDF : 30540.8/16

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

Right Out: -2468.039+/-44.972 χ^2/NDF : 7675.2/18

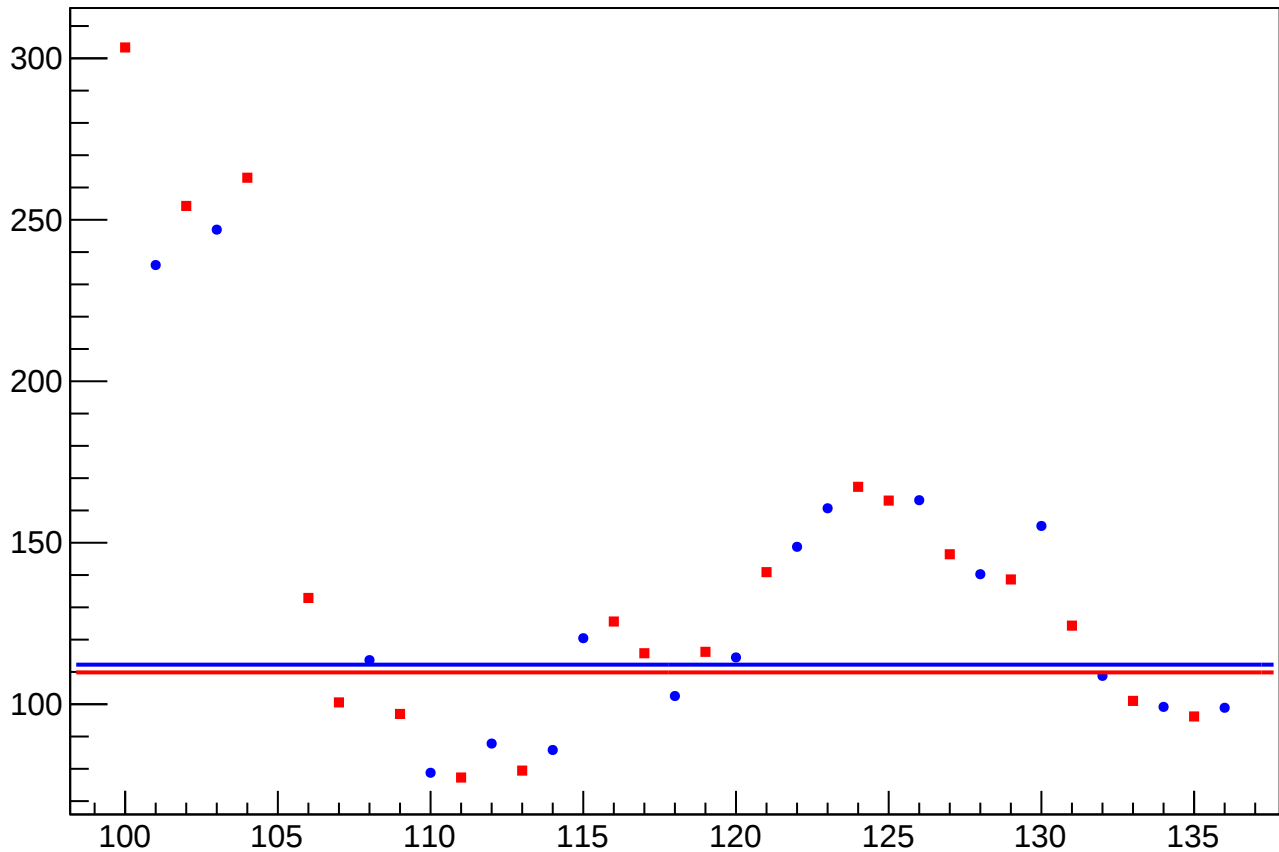
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1282.978+/-46.572 χ^2/NDF : 30540.8/16

-658.094+/-32.351 χ^2/NDF : 41572.9/35

-2468.039+/-44.972 χ^2/NDF : 7675.2/18

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.251+/-0.033 χ^2/NDF : 1125537.4/16

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

Right Out: 109.852+/-0.032 χ^2/NDF : 1266505.8/18

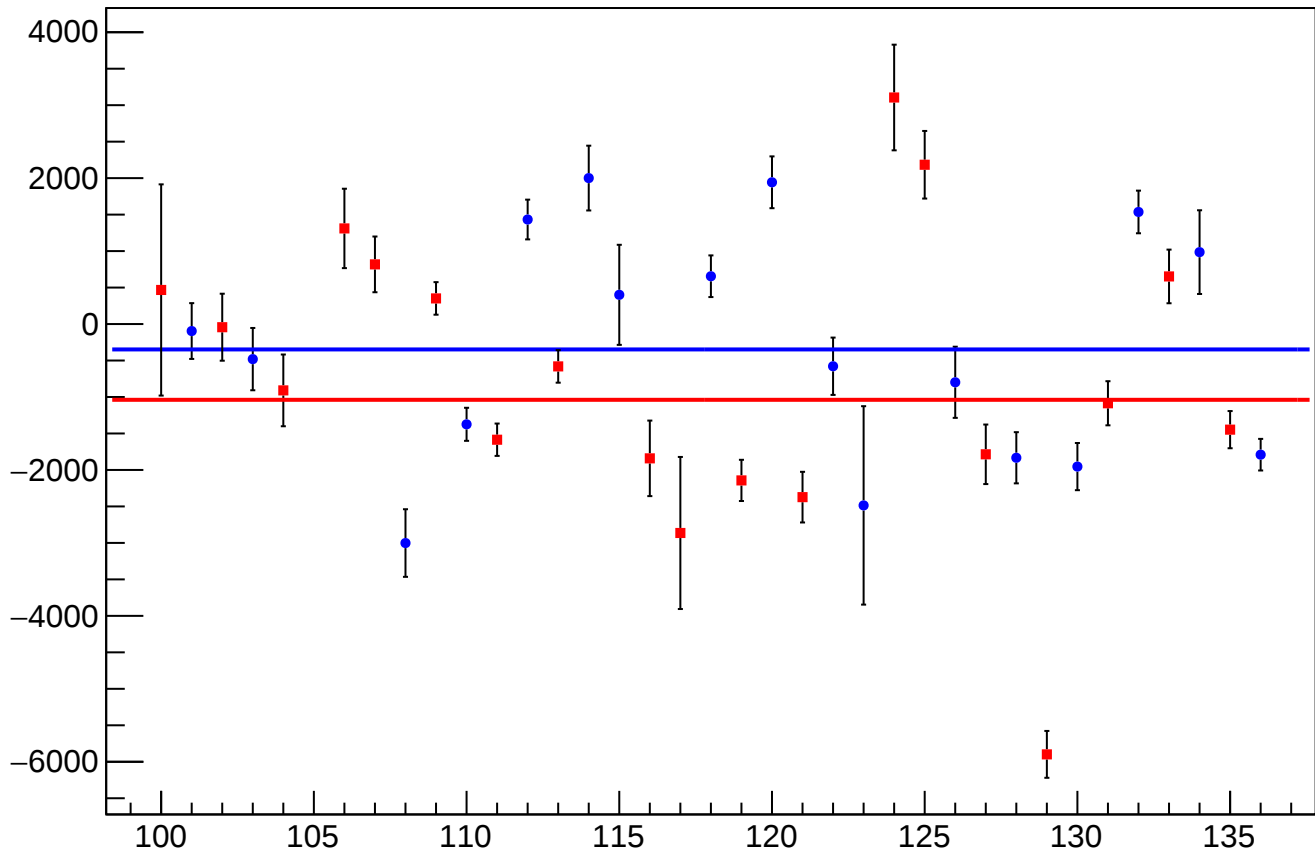
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.251+/-0.033 χ^2/NDF : 1125537.4/16

111.009+/-0.023 χ^2/NDF : 2394788.8/35

109.852+/-0.032 χ^2/NDF : 1266505.8/18

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -348.055+/-83.826 χ^2/NDF : 317.3/16

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

Right Out: -1038.545+/-78.673 χ^2/NDF : 470.0/18

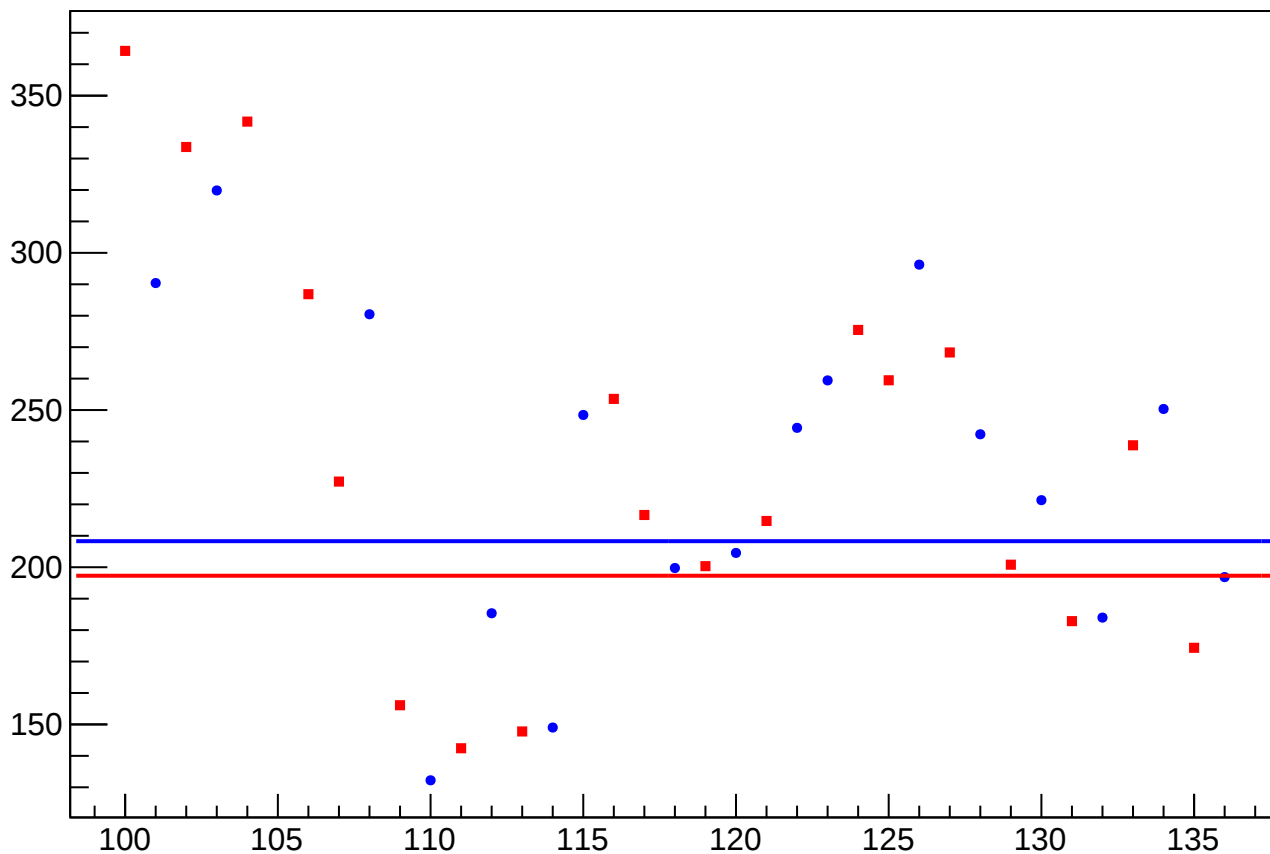
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-348.055+/-83.826 χ^2/NDF : 317.3/16

-715.176+/-57.366 χ^2/NDF : 823.4/35

-1038.545+/-78.673 χ^2/NDF : 470.0/18

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.288+/-0.059 χ^2/NDF : 698491.0/16

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

Right Out: 197.296+/-0.056 χ^2/NDF : 927288.7/18

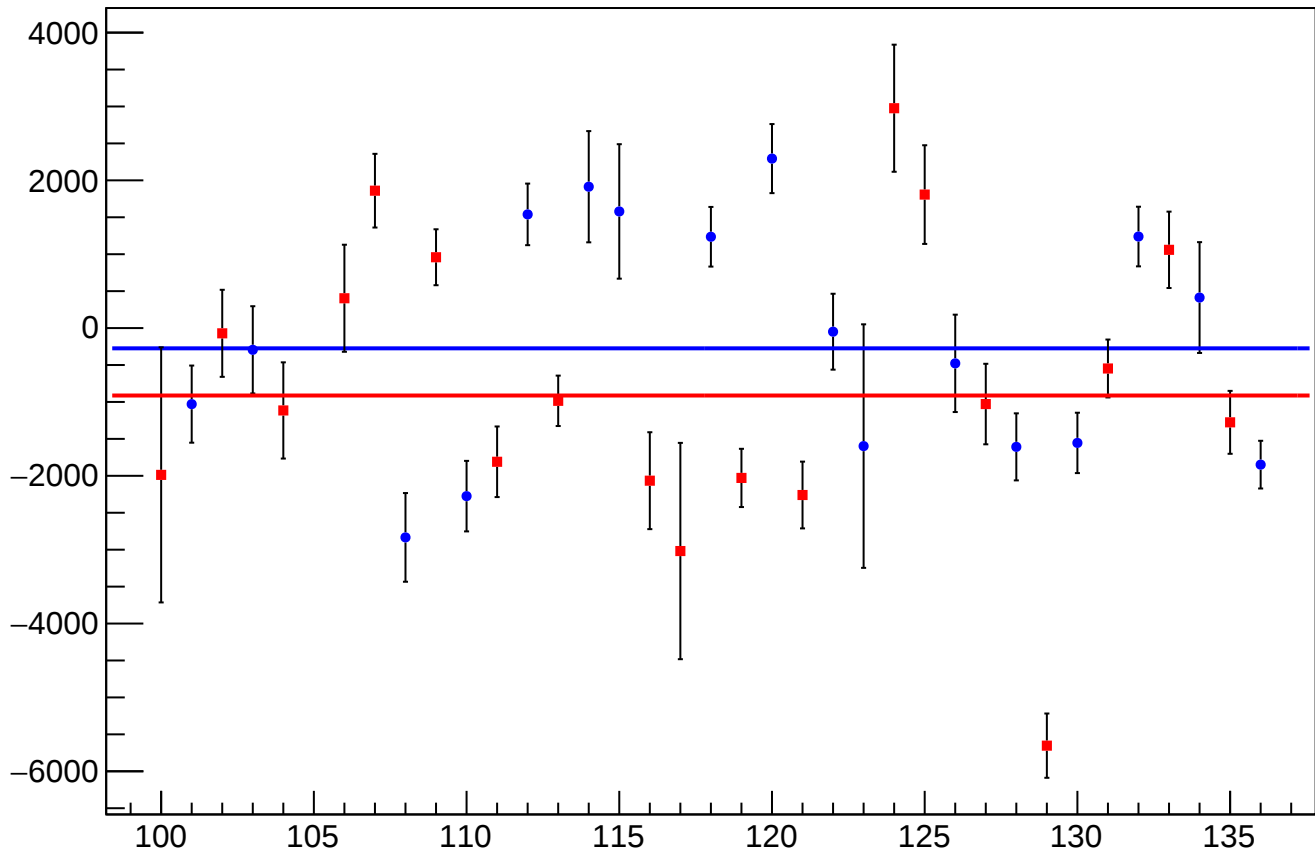
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.288+/-0.059 χ^2/NDF : 698491.0/16

202.444+/-0.041 χ^2/NDF : 1644062.1/35

197.296+/-0.056 χ^2/NDF : 927288.7/18

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -274.260+/-121.326 χ^2/NDF : 171.6/16

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

Right Out: -912.890+/-116.591 χ^2/NDF : 258.7/18

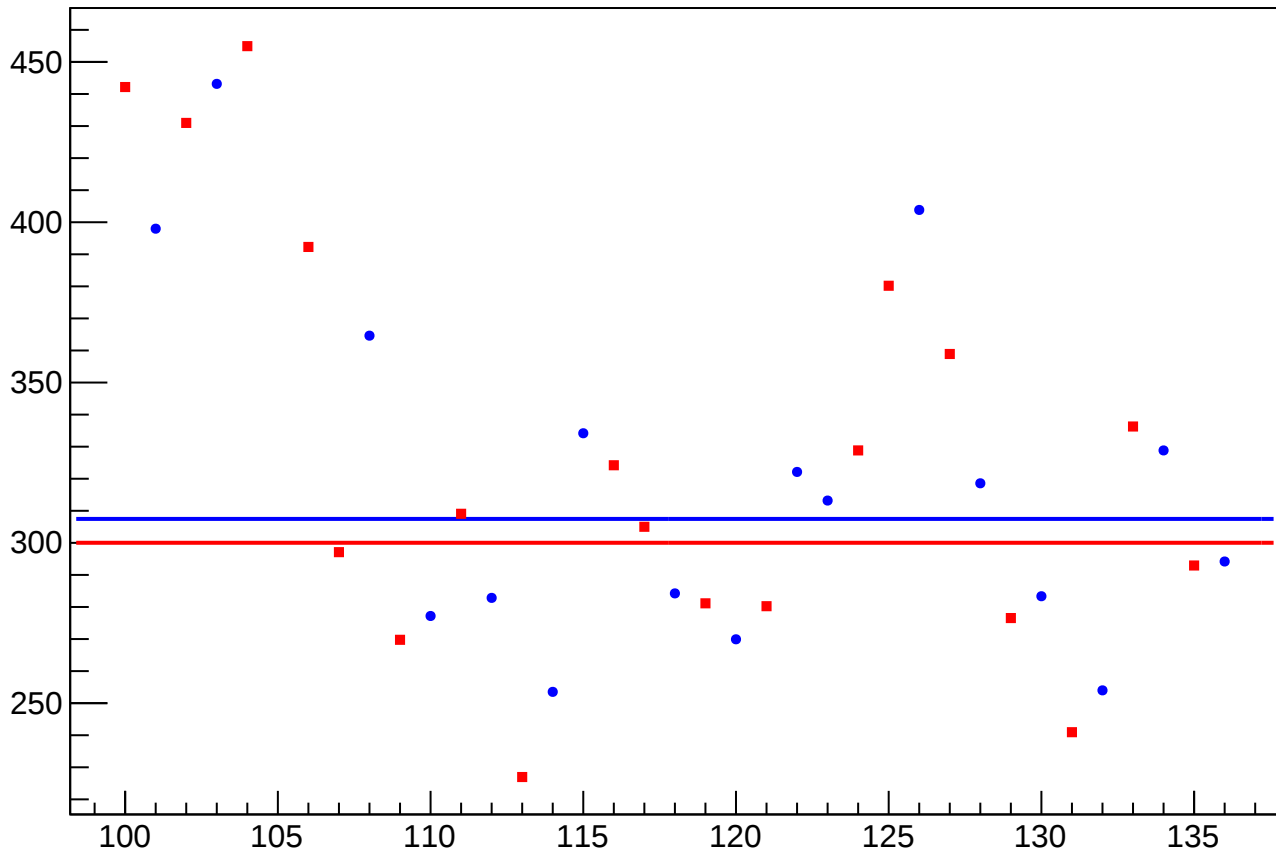
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-274.260+/-121.326 χ^2/NDF : 171.6/16

-606.278+/-84.066 χ^2/NDF : 444.6/35

-912.890+/-116.591 χ^2/NDF : 258.7/18

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 307.468+/-0.086 χ^2/NDF : 323096.7/16

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

Right Out: 300.026+/-0.082 χ^2/NDF : 490392.0/18

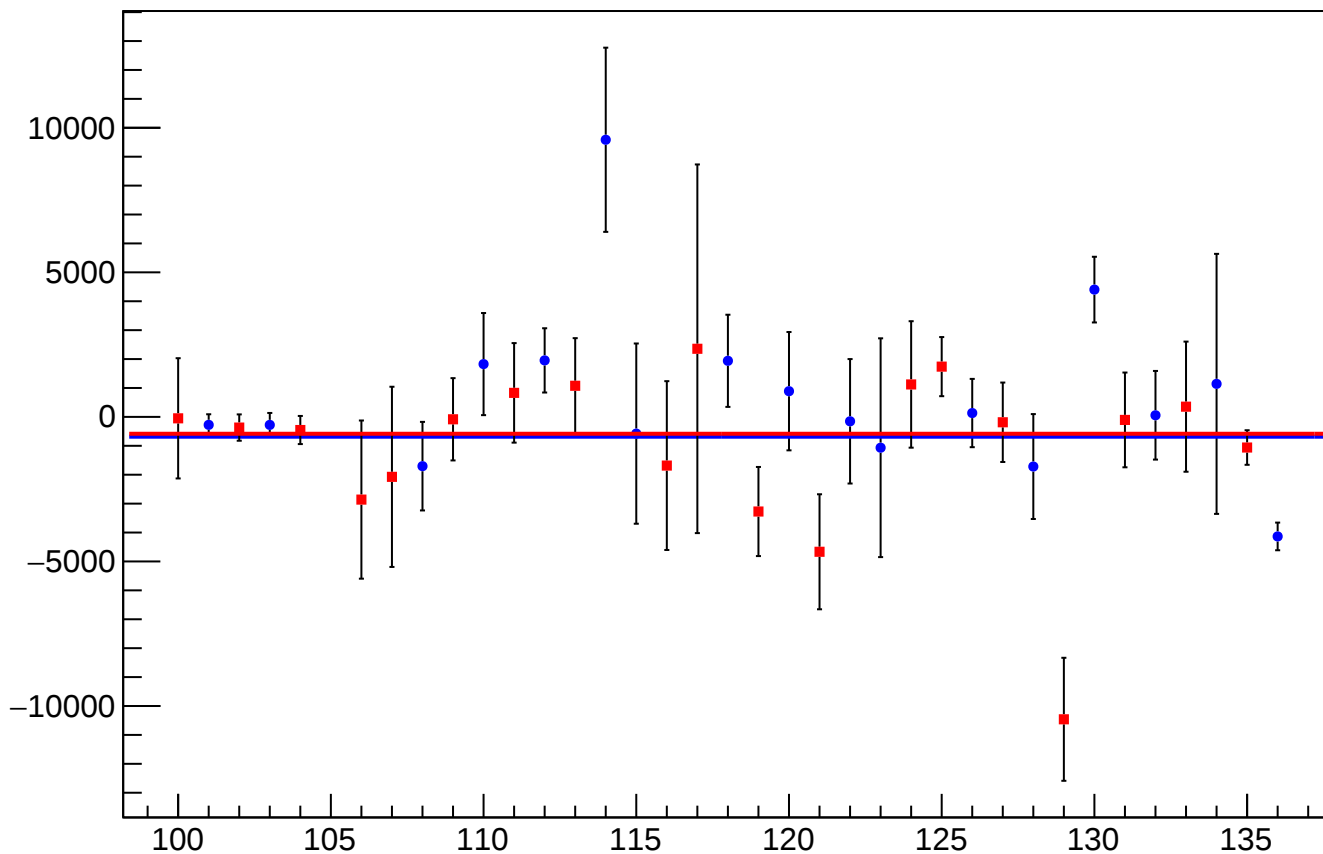
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

307.468+/-0.086 χ^2/NDF : 323096.7/16

303.599+/-0.059 χ^2/NDF : 817400.8/35

300.026+/-0.082 χ^2/NDF : 490392.0/18

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -685.056+/-210.341 χ^2 /NDF: 97.4/16

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

Right Out: -583.478+/-243.887 χ^2 /NDF: 39.0/18

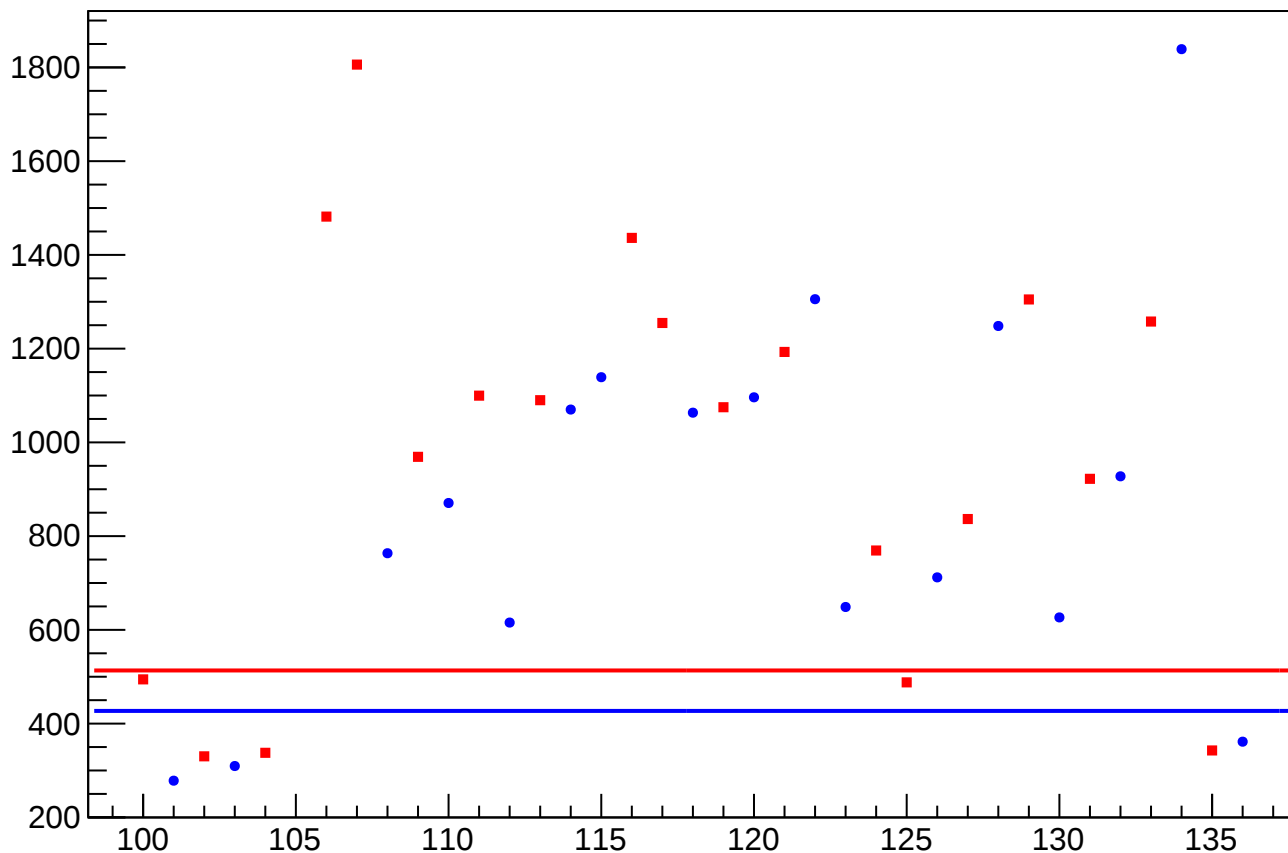
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-685.056+/-210.341 χ^2 /NDF: 97.4/16

-641.728+/-159.284 χ^2 /NDF: 136.5/35

-583.478+/-243.887 χ^2 /NDF: 39.0/18

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.079+/-0.149 χ^2/NDF : 2865678.7/16

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

Right Out: 513.393+/-0.172 χ^2/NDF : 3509824.7/18

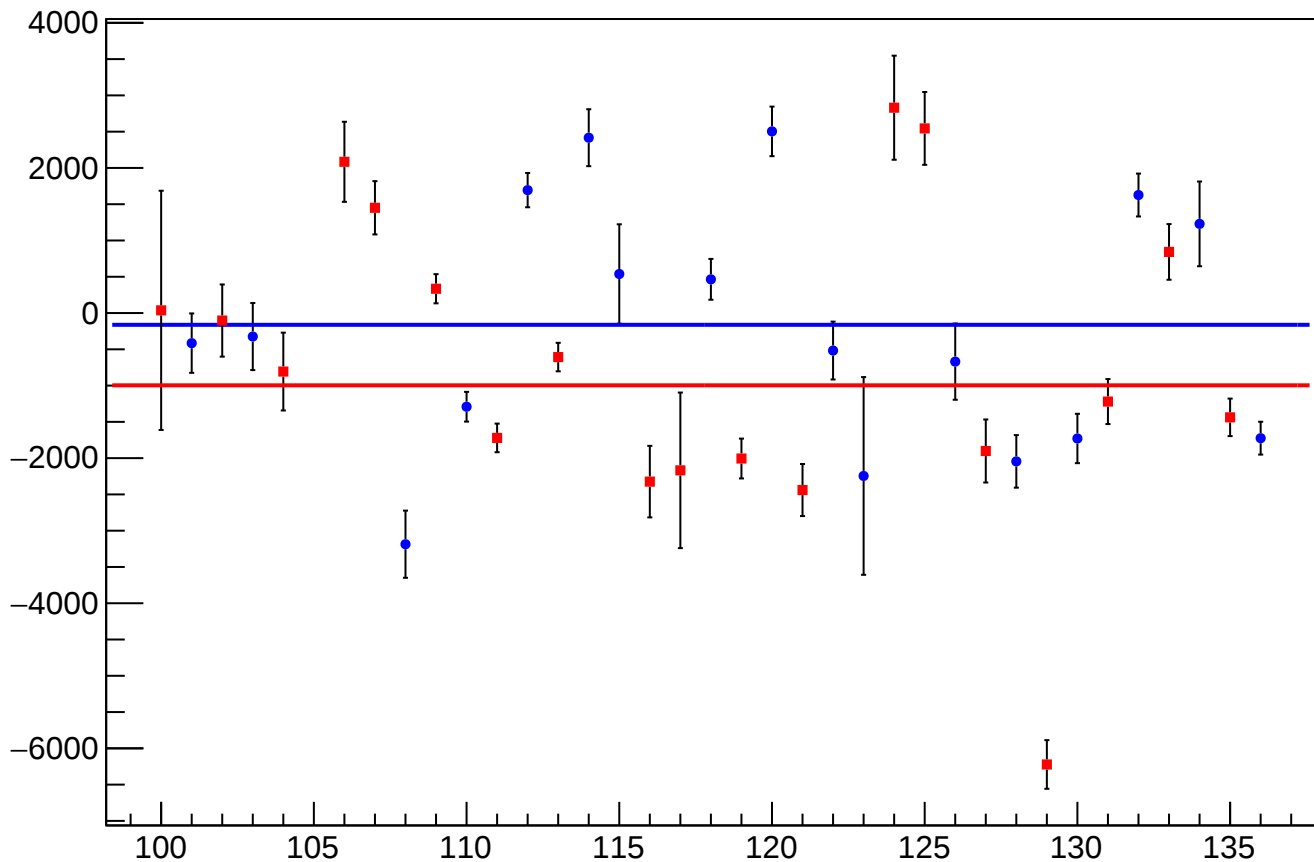
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.079+/-0.149 χ^2/NDF : 2865678.7/16

463.896+/-0.113 χ^2/NDF : 6519153.1/35

513.393+/-0.172 χ^2/NDF : 3509824.7/18

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -162.333+/-82.350 χ^2/NDF : 387.6/16

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

Right Out: -996.165+/-75.965 χ^2/NDF : 530.6/18

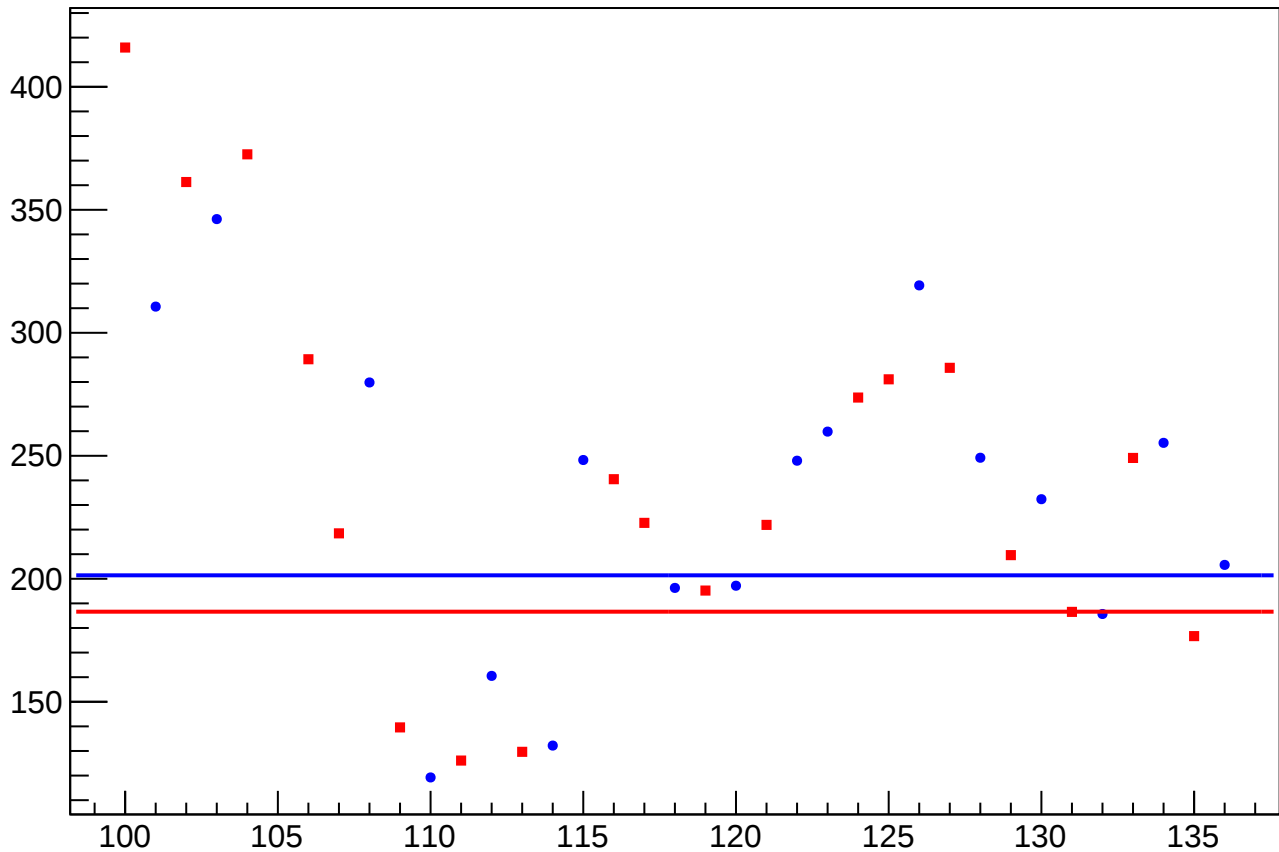
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-162.333+/-82.350 χ^2/NDF : 387.6/16

-612.824+/-55.836 χ^2/NDF : 973.5/35

-996.165+/-75.965 χ^2/NDF : 530.6/18

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.409+/-0.058 χ^2/NDF : 1056022.1/16

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

Right Out: 186.625+/-0.054 χ^2/NDF : 1393821.1/18

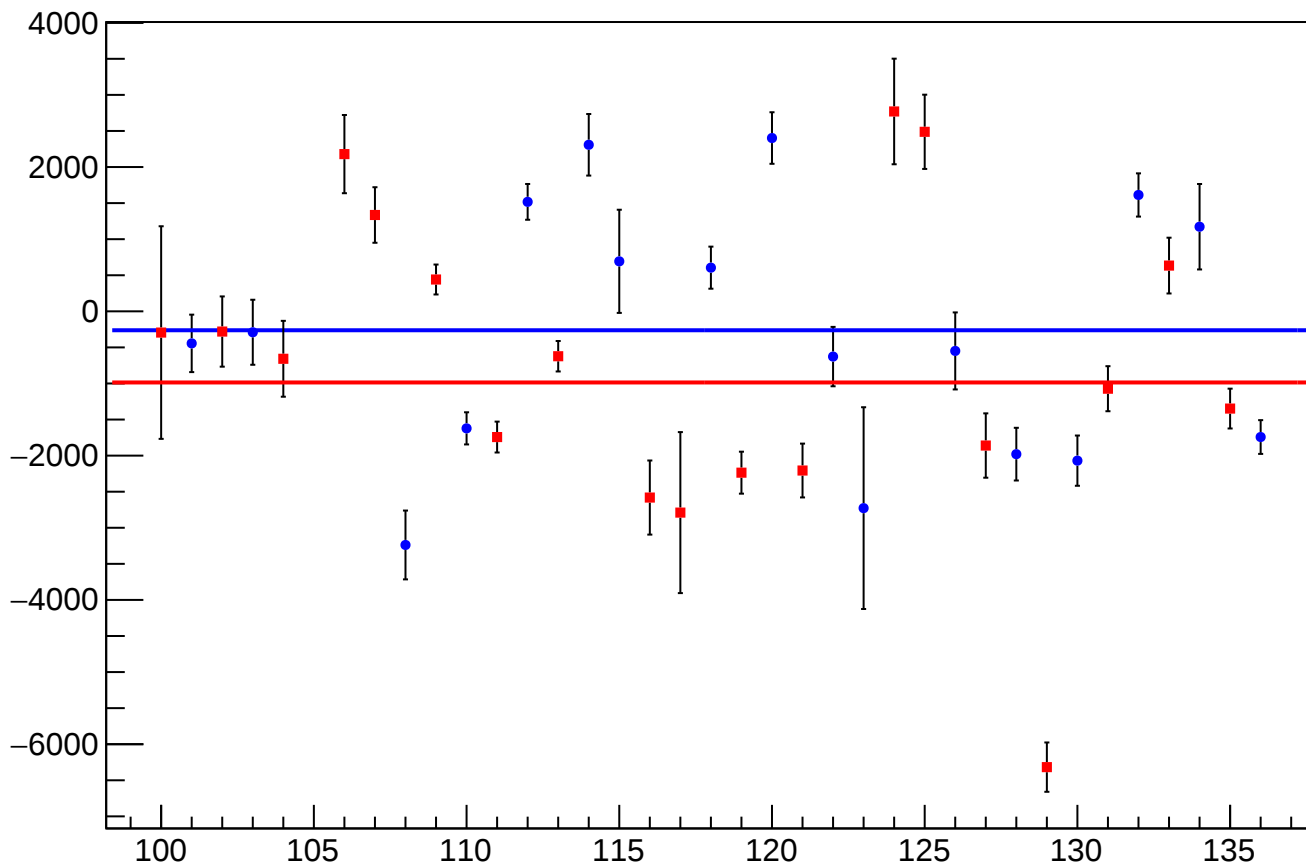
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.409+/-0.058 χ^2/NDF : 1056022.1/16

193.422+/-0.039 χ^2/NDF : 2484667.3/35

186.625+/-0.054 χ^2/NDF : 1393821.1/18

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -262.324+/-85.433 χ^2/NDF : 368.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -986.000+/-79.340 χ^2/NDF : 515.8/18

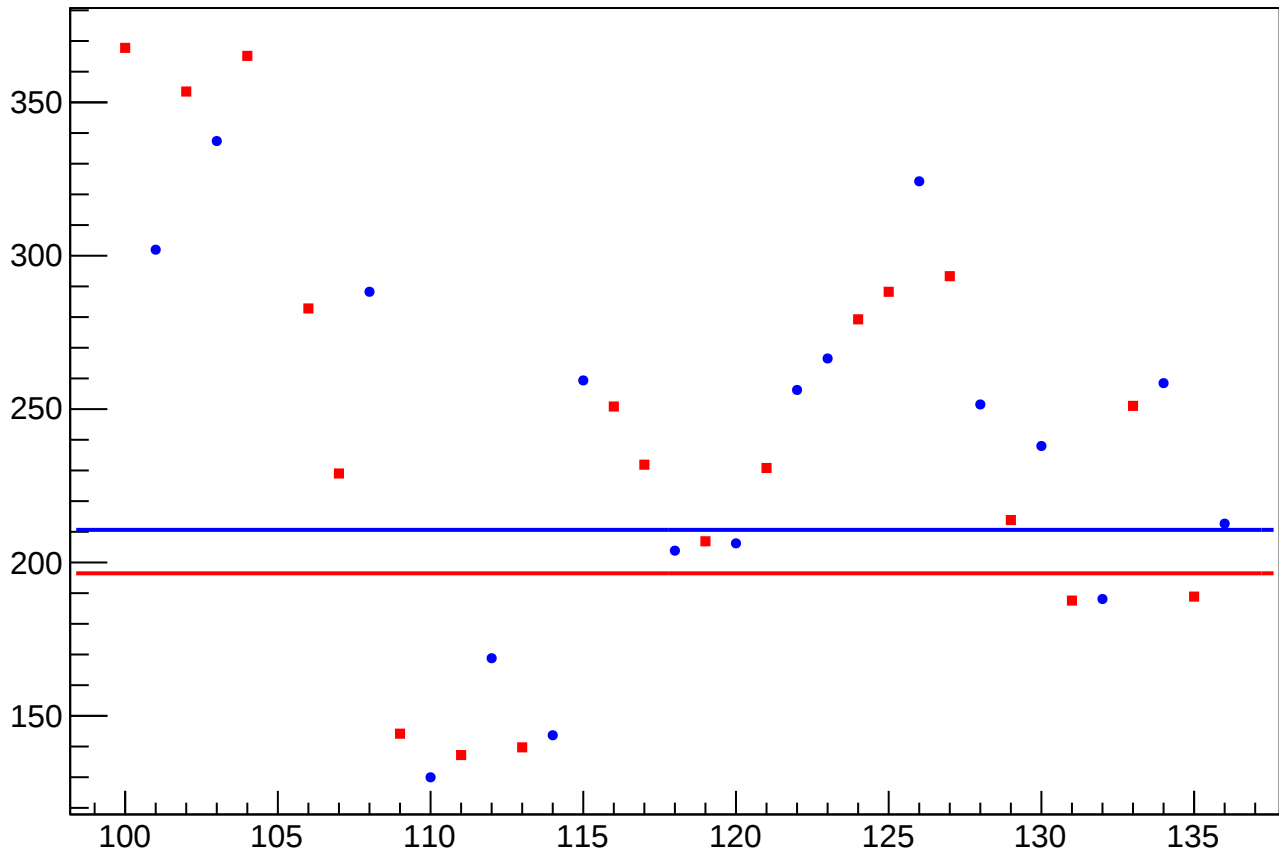
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-262.324+/-85.433 χ^2/NDF : 368.7/16

-650.887+/-58.137 χ^2/NDF : 923.0/35

-986.000+/-79.340 χ^2/NDF : 515.8/18

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636 $\pm$ 0.060 χ^2 /NDF: 875776.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.471 $\pm$ 0.056 χ^2 /NDF: 1206471.4/18

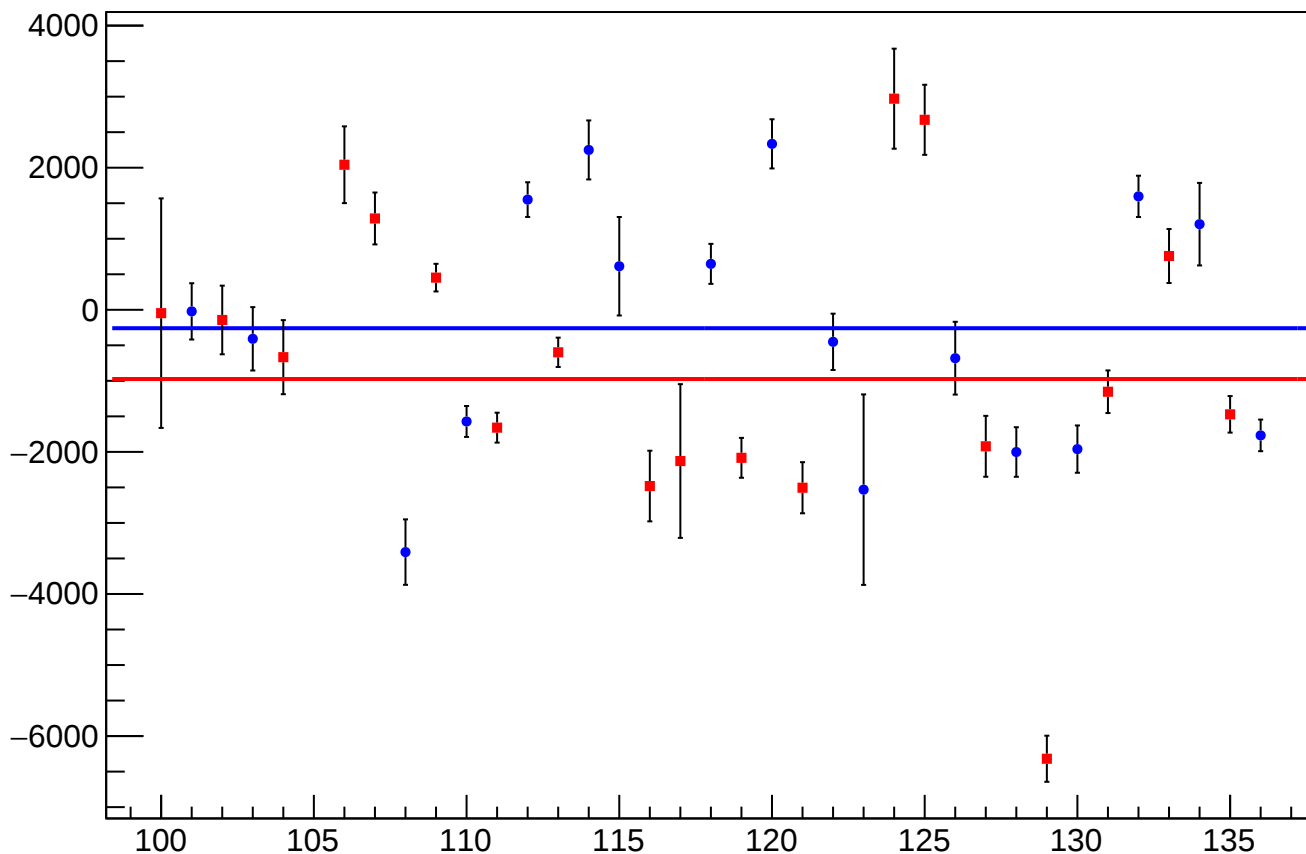
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

210.636 $\pm$ 0.060 χ^2 /NDF: 875776.4/16

203.030 $\pm$ 0.041 χ^2 /NDF: 2111769.0/35

196.471 $\pm$ 0.056 χ^2 /NDF: 1206471.4/18

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -259.139+/-82.802 χ^2/NDF : 391.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -974.325+/-76.407 χ^2/NDF : 571.9/18

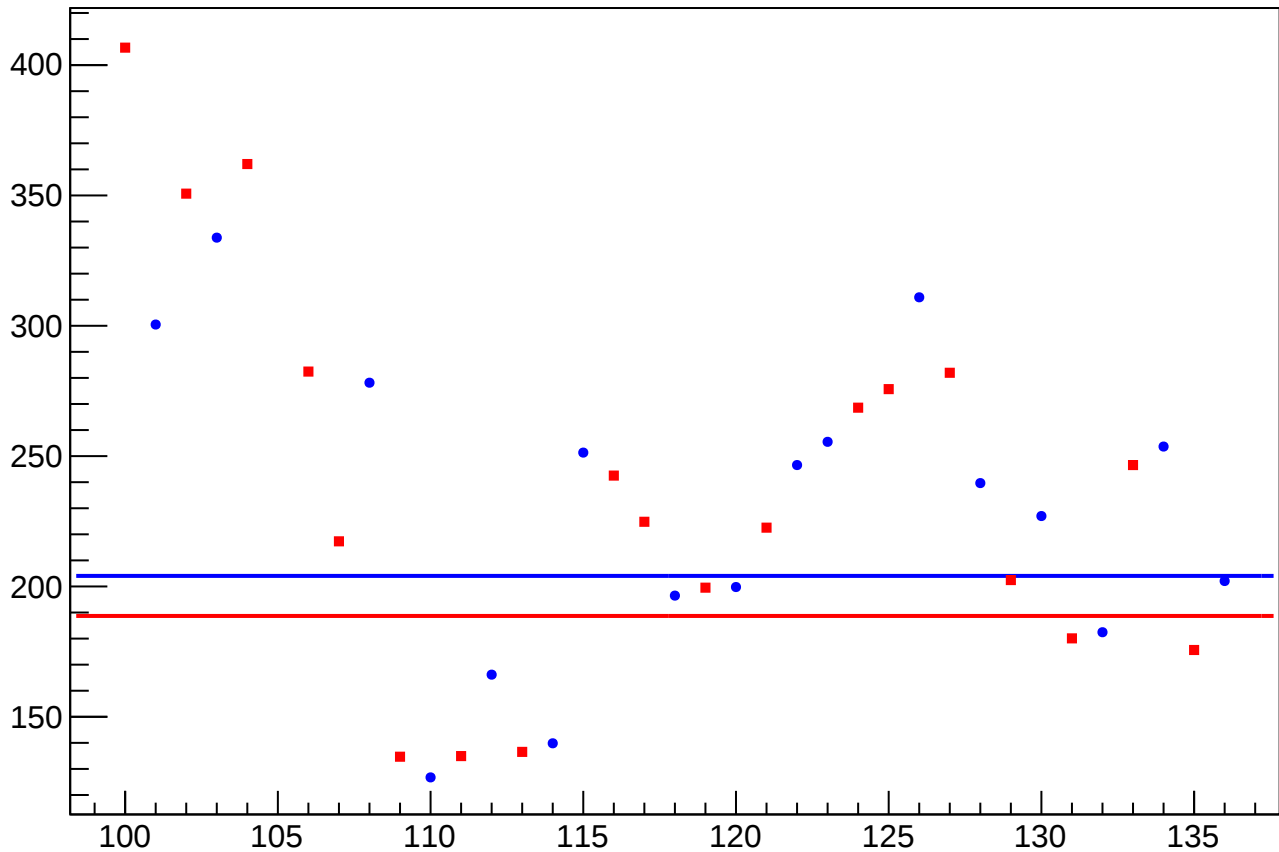
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-259.139+/-82.802 χ^2/NDF : 391.2/16

-645.413+/-56.153 χ^2/NDF : 1003.4/35

-974.325+/-76.407 χ^2/NDF : 571.9/18

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.051+/-0.059 χ^2/NDF : 868423.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.687+/-0.054 χ^2/NDF : 1252983.4/18

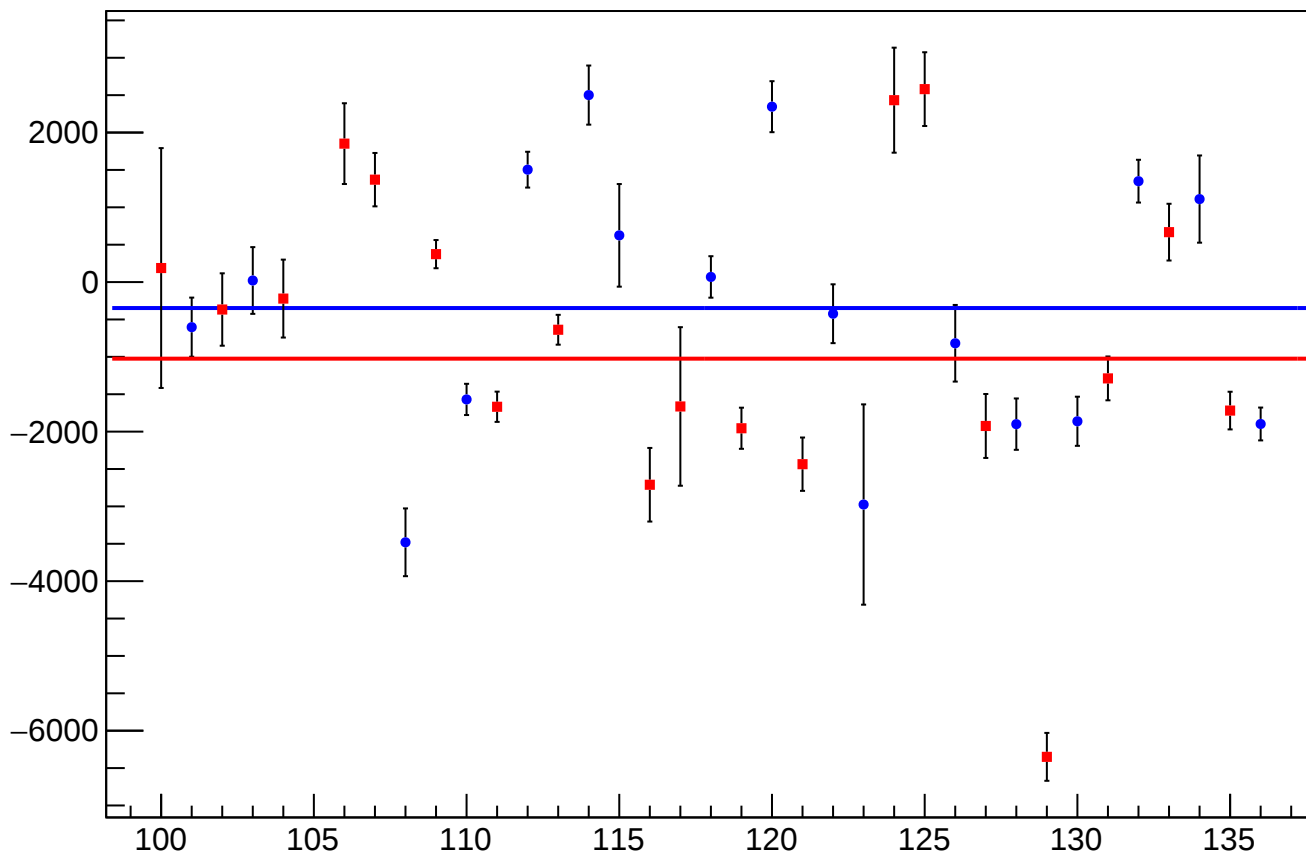
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.051+/-0.059 χ^2/NDF : 868423.0/16

195.753+/-0.040 χ^2/NDF : 2158596.6/35

188.687+/-0.054 χ^2/NDF : 1252983.4/18

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -347.240+/-81.318 χ^2/NDF : 399.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.246+/-74.737 χ^2/NDF : 573.0/18

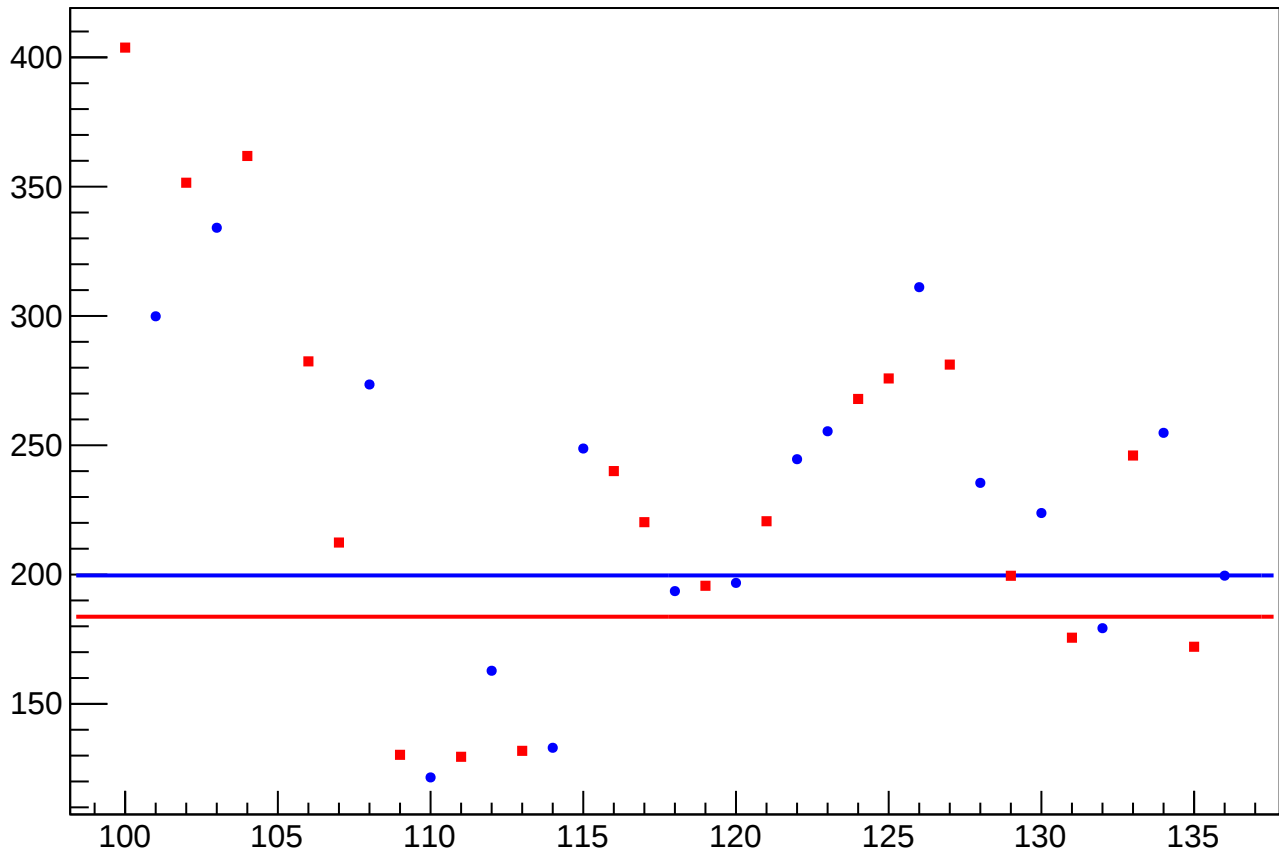
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-347.240+/-81.318 χ^2/NDF : 399.1/16

-714.241+/-55.027 χ^2/NDF : 1009.7/35

-1024.246+/-74.737 χ^2/NDF : 573.0/18

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.669+/-0.058 χ^2/NDF : 943155.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.710+/-0.053 χ^2/NDF : 1350989.4/18

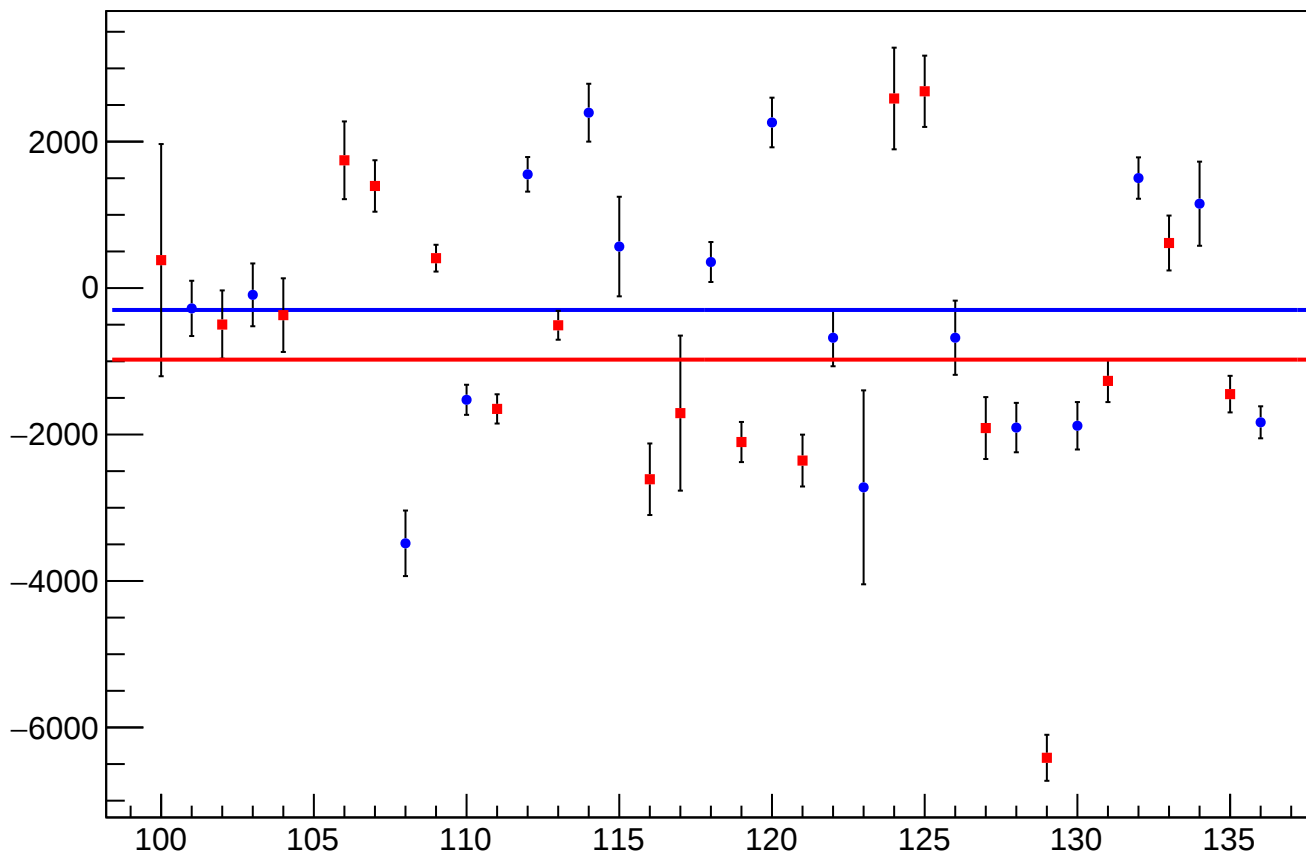
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.669+/-0.058 χ^2/NDF : 943155.1/16

191.018+/-0.039 χ^2/NDF : 2335904.1/35

183.710+/-0.053 χ^2/NDF : 1350989.4/18

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -298.963+/-80.162 χ^2/NDF : 406.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -977.170+/-73.563 χ^2/NDF : 603.2/18

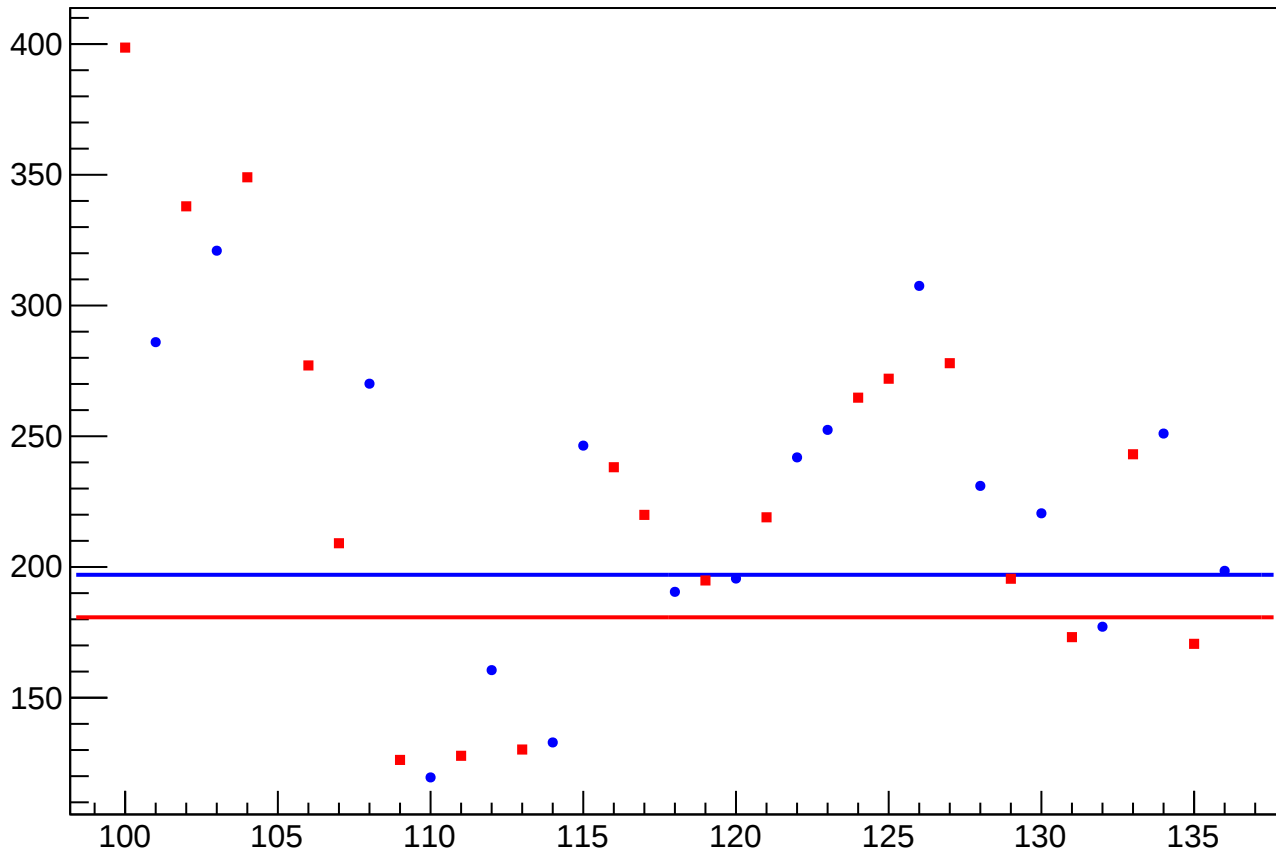
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-298.963+/-80.162 χ^2/NDF : 406.6/16

-667.124+/-54.200 χ^2/NDF : 1048.7/35

-977.170+/-73.563 χ^2/NDF : 603.2/18

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 197.013+/-0.057 χ^2/NDF : 911923.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.756+/-0.052 χ^2/NDF : 1346840.5/18

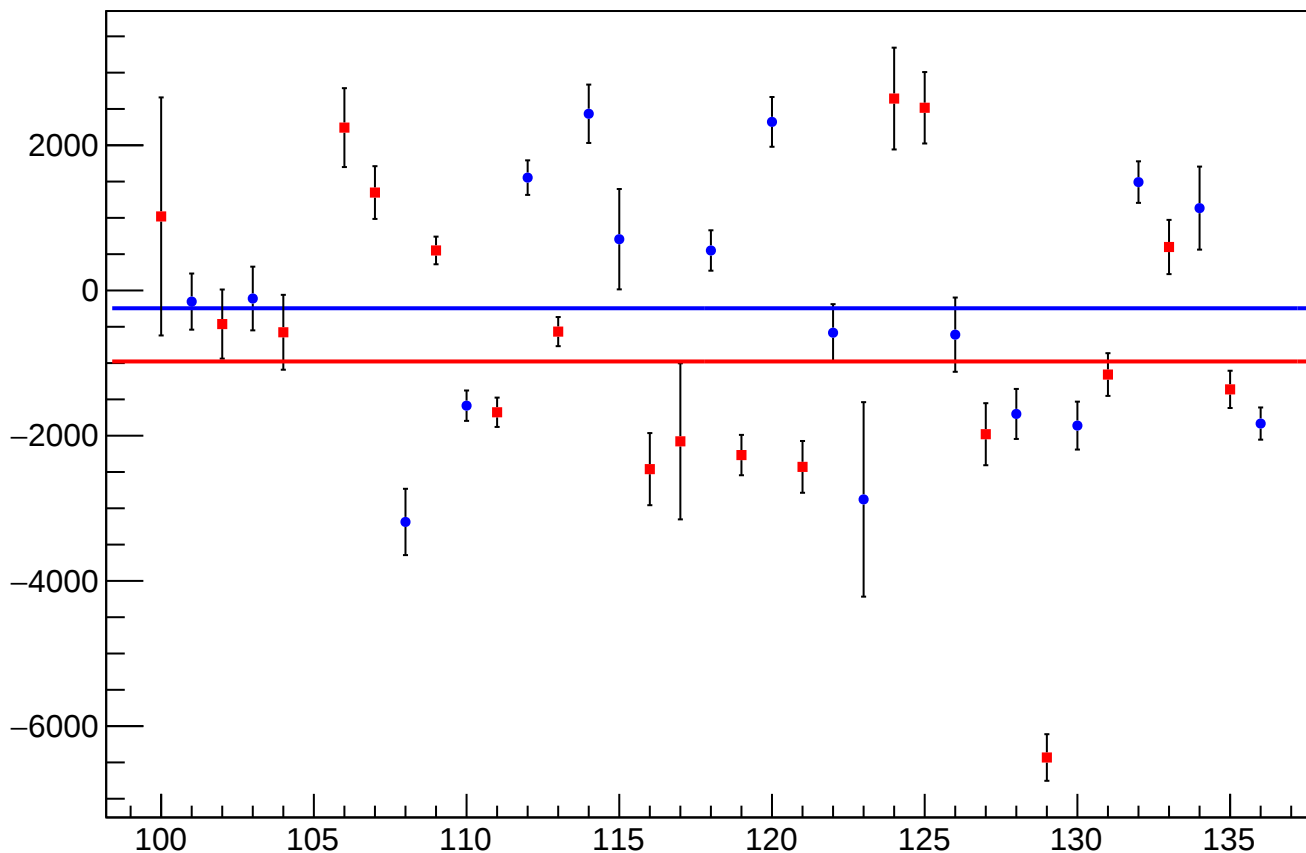
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.013+/-0.057 χ^2/NDF : 911923.5/16

188.188+/-0.038 χ^2/NDF : 2303421.1/35

180.756+/-0.052 χ^2/NDF : 1346840.5/18

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.925+/-81.395 χ^2/NDF : 391.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -977.637+/-75.068 χ^2/NDF : 600.0/18

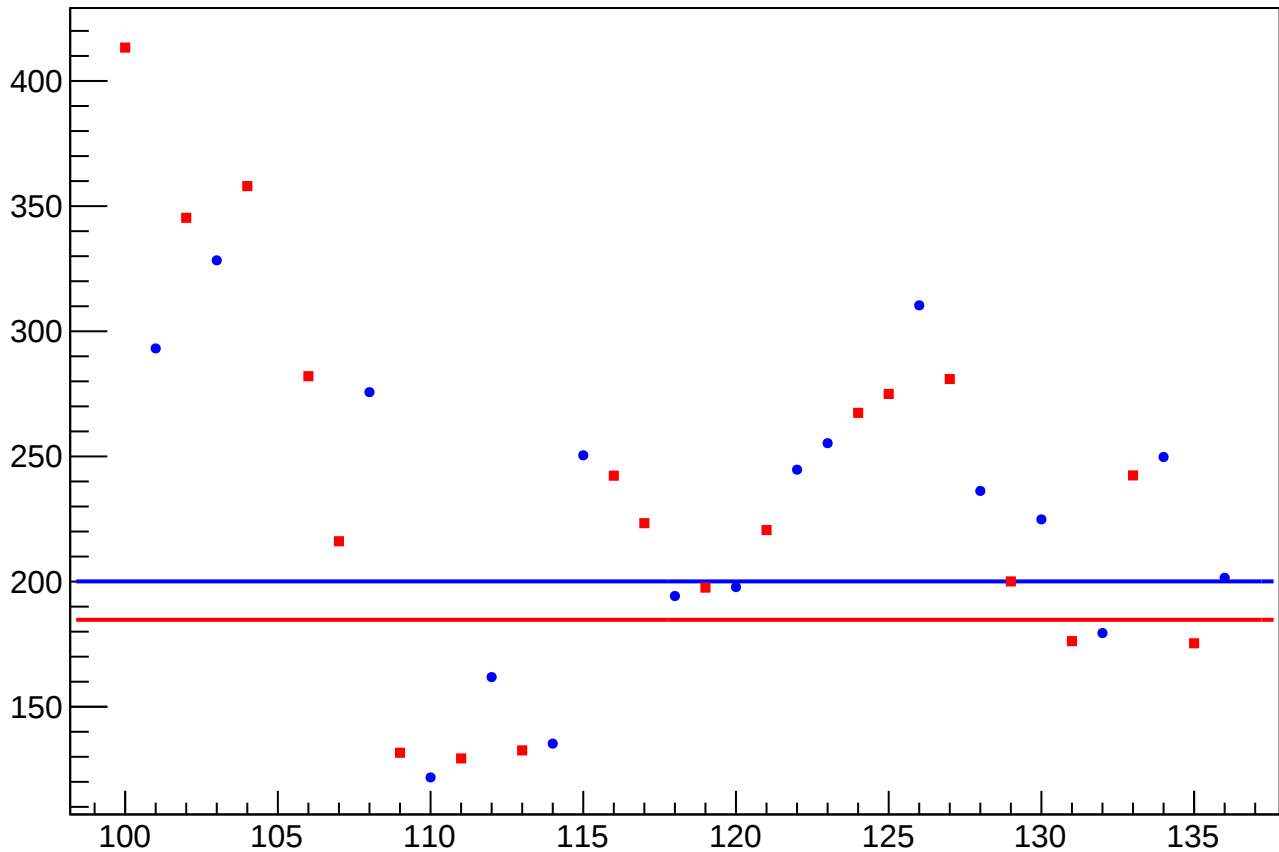
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-244.925+/-81.395 χ^2/NDF : 391.4/16

-640.862+/-55.182 χ^2/NDF : 1035.2/35

-977.637+/-75.068 χ^2/NDF : 600.0/18

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.078+/-0.058 χ^2/NDF : 918309.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.737+/-0.053 χ^2/NDF : 1319997.2/18

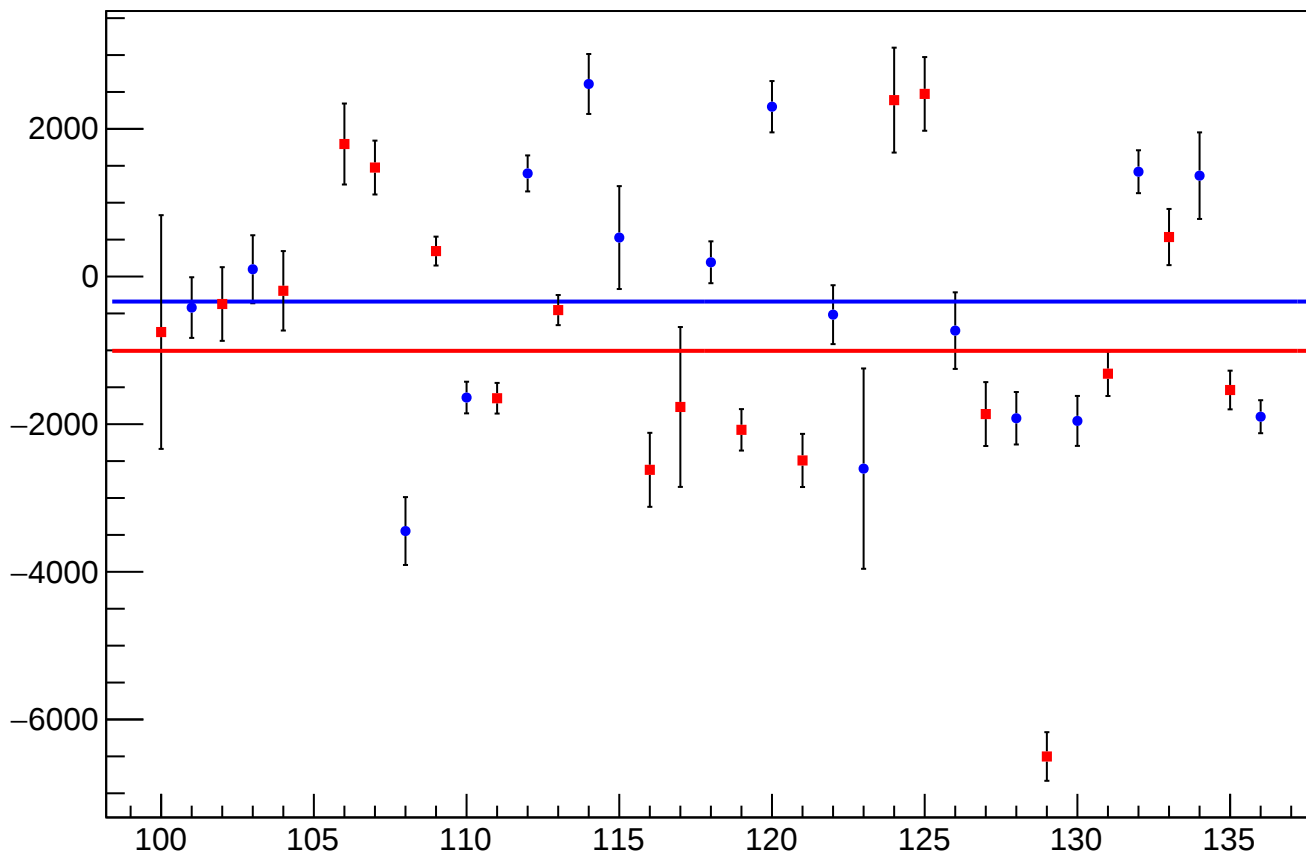
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.078+/-0.058 χ^2/NDF : 918309.2/16

191.788+/-0.039 χ^2/NDF : 2276700.0/35

184.737+/-0.053 χ^2/NDF : 1319997.2/18

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -338.966+/-83.123 χ^2/NDF : 389.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1006.588+/-76.641 χ^2/NDF : 558.5/18

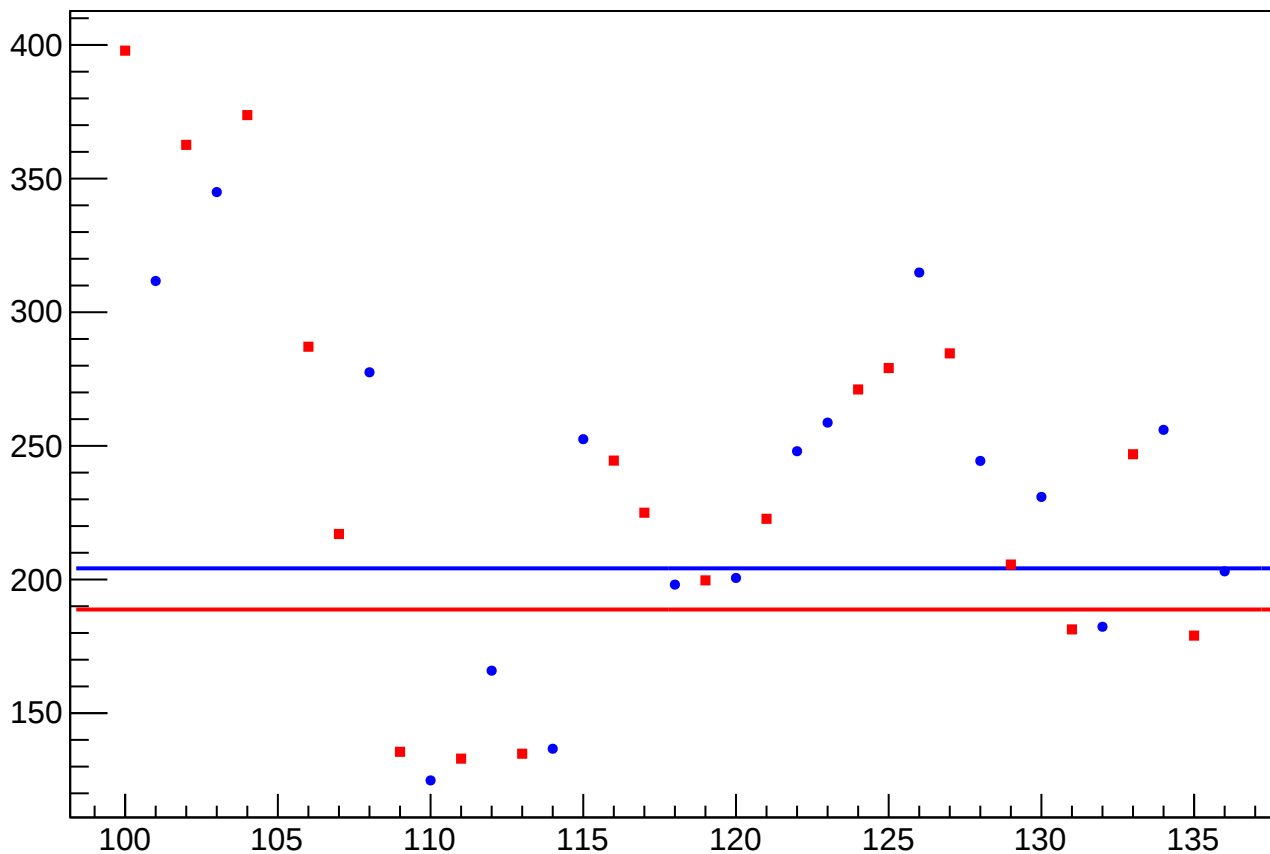
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-338.966+/-83.123 χ^2/NDF : 389.5/16

-699.819+/-56.346 χ^2/NDF : 982.8/35

-1006.588+/-76.641 χ^2/NDF : 558.5/18

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.175+/-0.059 χ^2/NDF : 947438.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.783+/-0.054 χ^2/NDF : 1316552.5/18

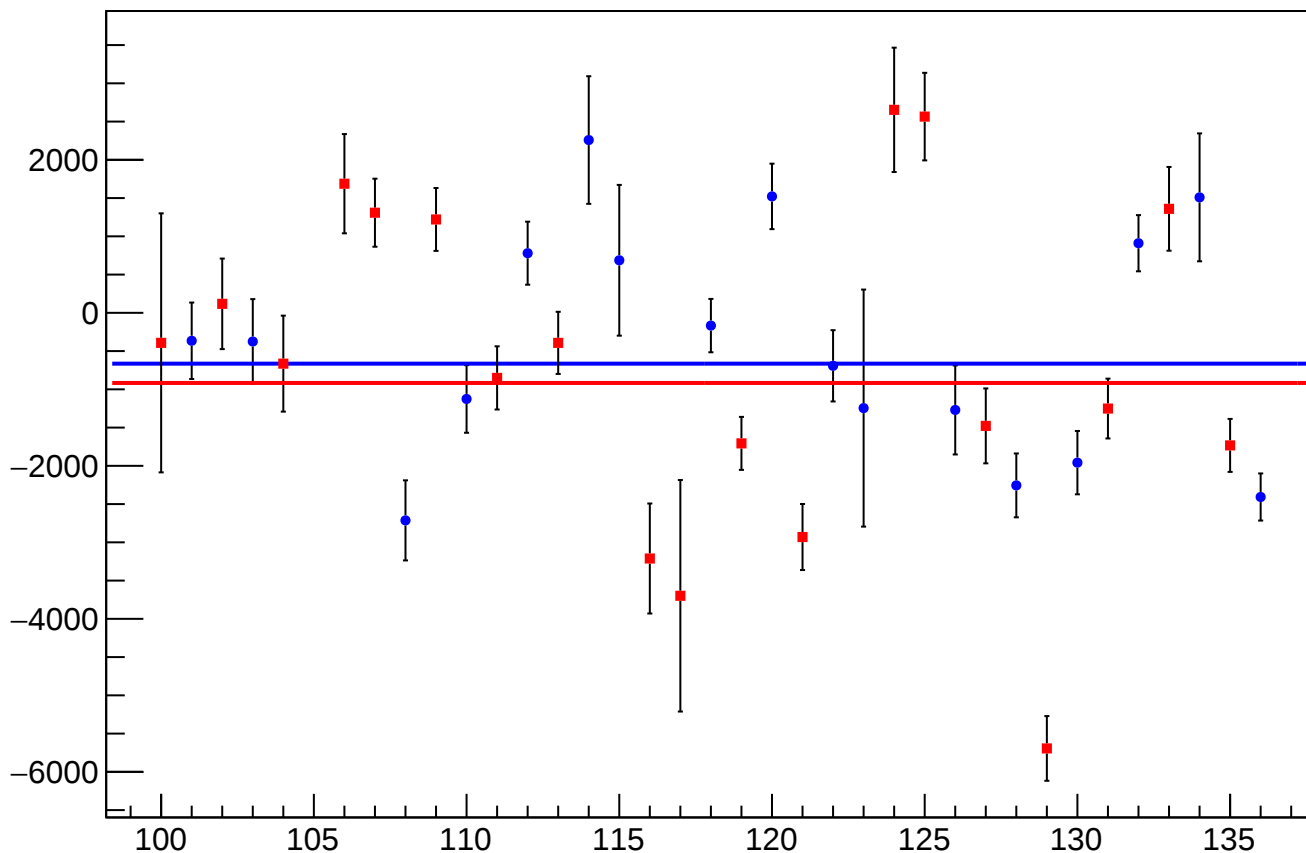
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.175+/-0.059 χ^2/NDF : 947438.5/16

195.856+/-0.040 χ^2/NDF : 2301058.0/35

188.783+/-0.054 χ^2/NDF : 1316552.5/18

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.383+/-113.949 χ^2/NDF : 154.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -916.661+/-112.052 χ^2/NDF : 322.5/18

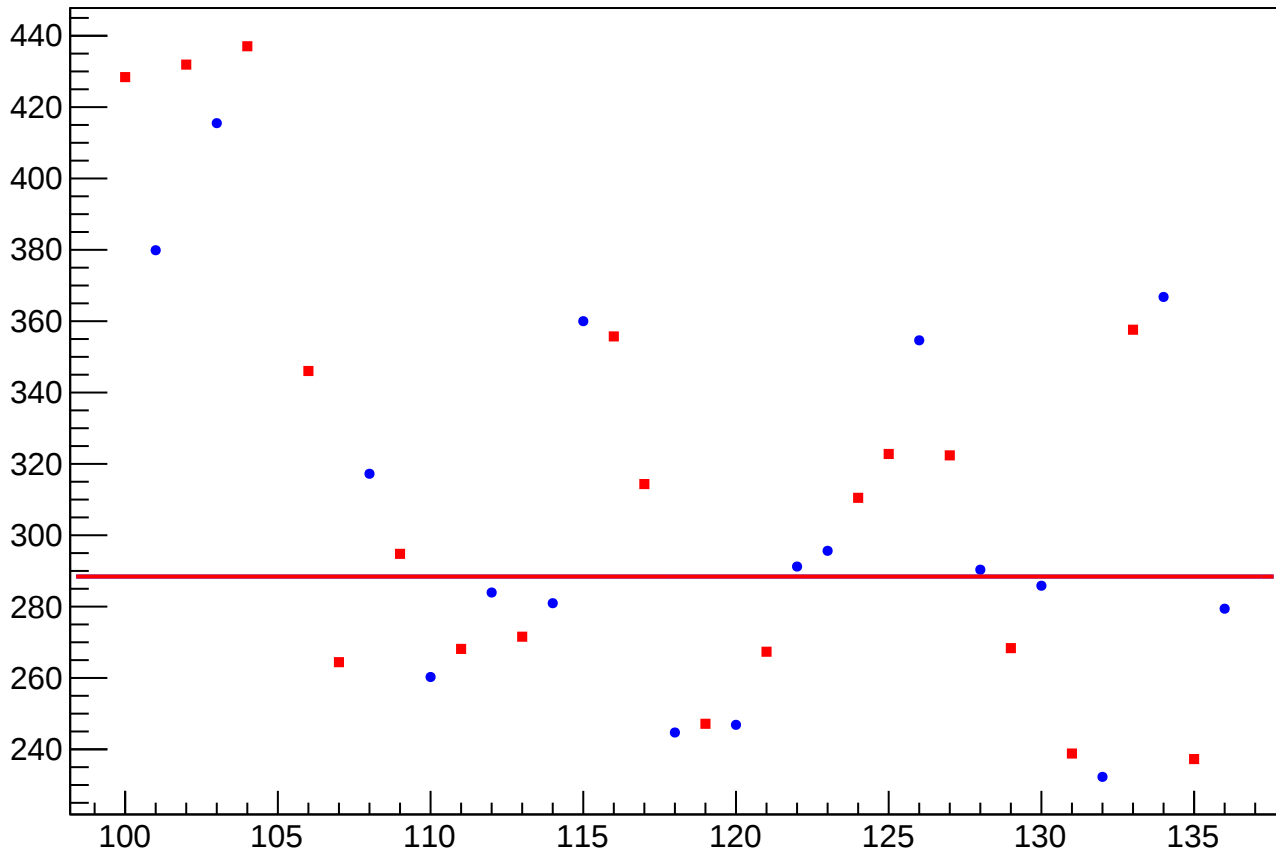
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-664.383+/-113.949 χ^2/NDF : 154.3/16

-792.639+/-79.895 χ^2/NDF : 479.3/35

-916.661+/-112.052 χ^2/NDF : 322.5/18

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 288.428+/-0.081 χ^2/NDF : 339820.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.429+/-0.079 χ^2/NDF : 455664.1/18

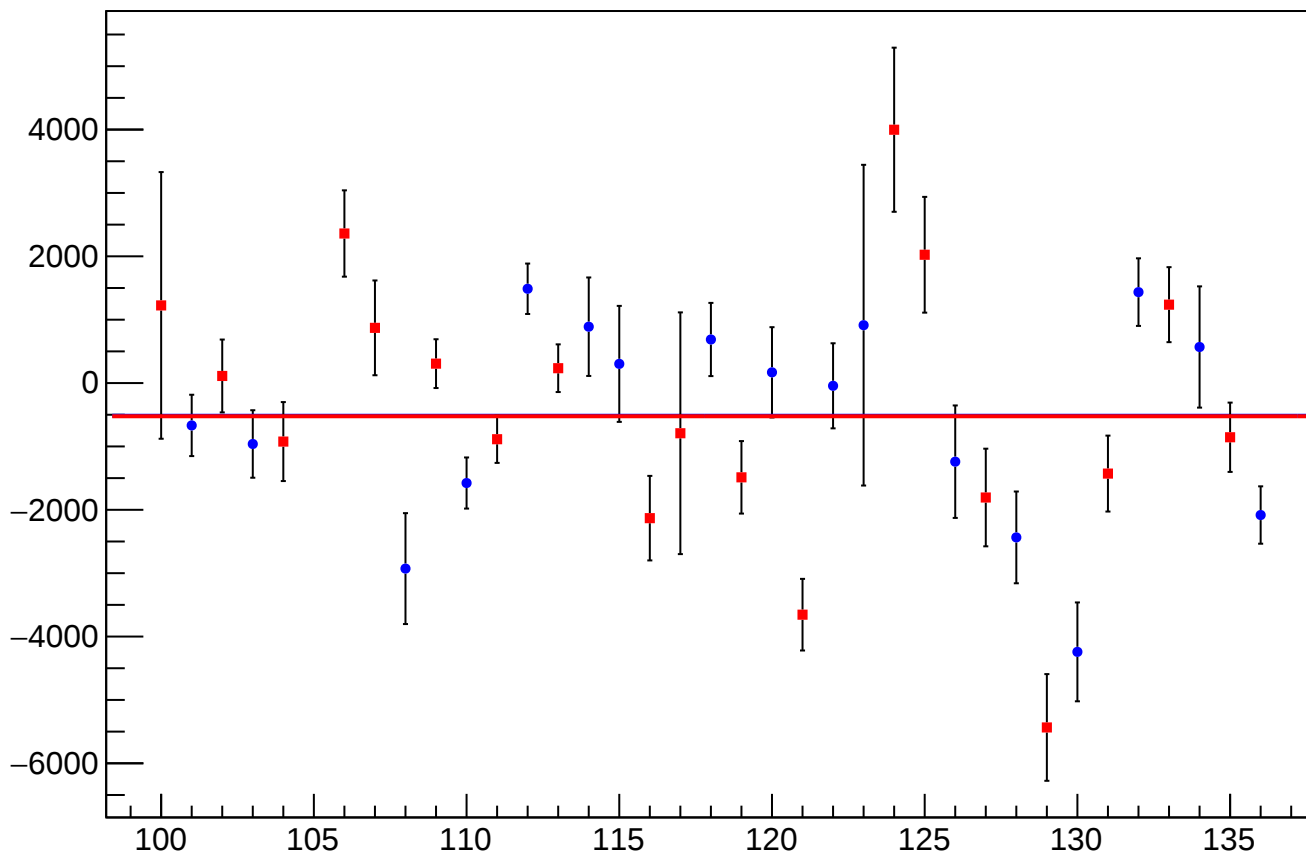
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.428+/-0.081 χ^2/NDF : 339820.0/16

288.428+/-0.056 χ^2/NDF : 795484.1/35

288.429+/-0.079 χ^2/NDF : 455664.1/18

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -515.894+/-147.326 χ^2 /NDF: 108.0/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -523.947+/-136.931 χ^2 /NDF: 141.0/18

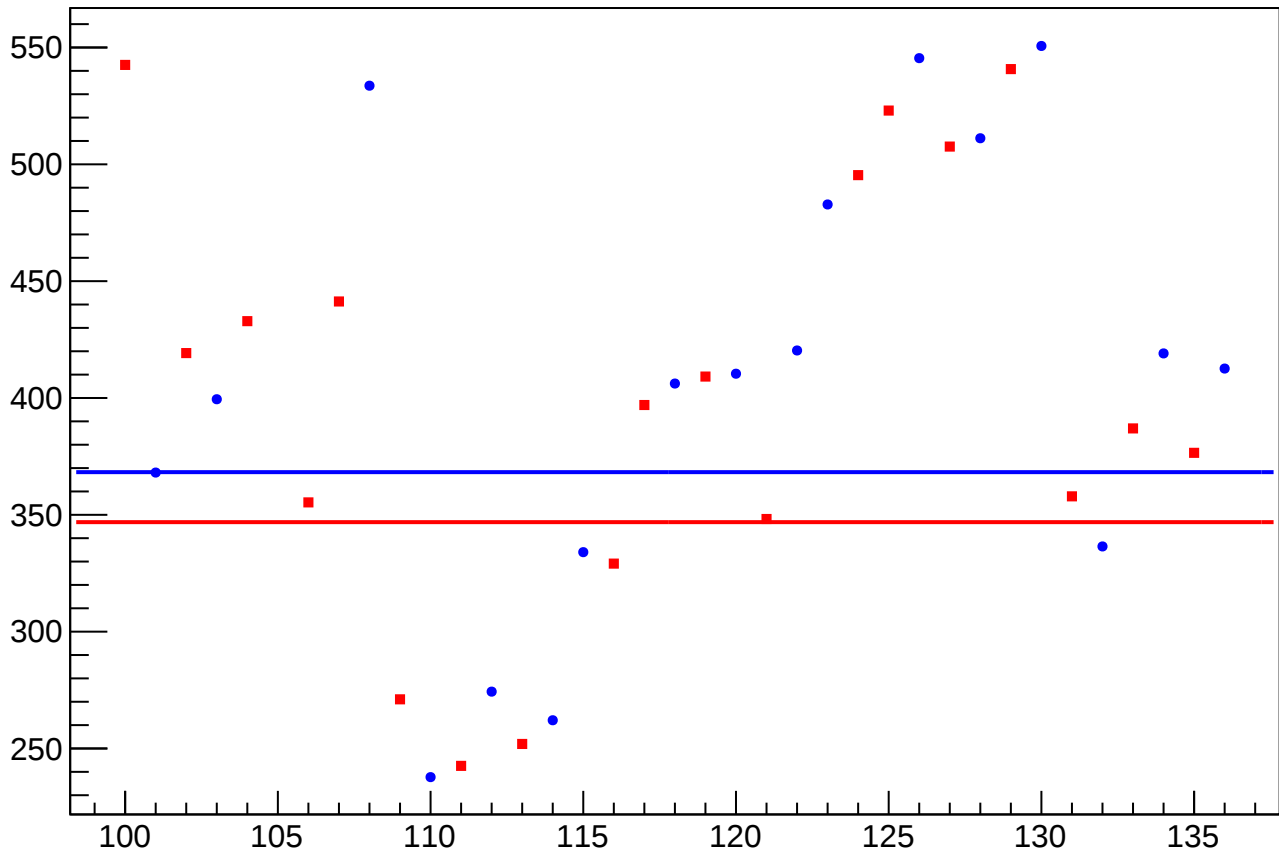
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-515.894+/-147.326 χ^2 /NDF: 108.0/16

-520.214+/-100.299 χ^2 /NDF: 249.0/35

-523.947+/-136.931 χ^2 /NDF: 141.0/18

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 368.264 $\pm$ 0.104 χ^2 /NDF: 770116.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 346.866 $\pm$ 0.097 χ^2 /NDF: 816201.2/18

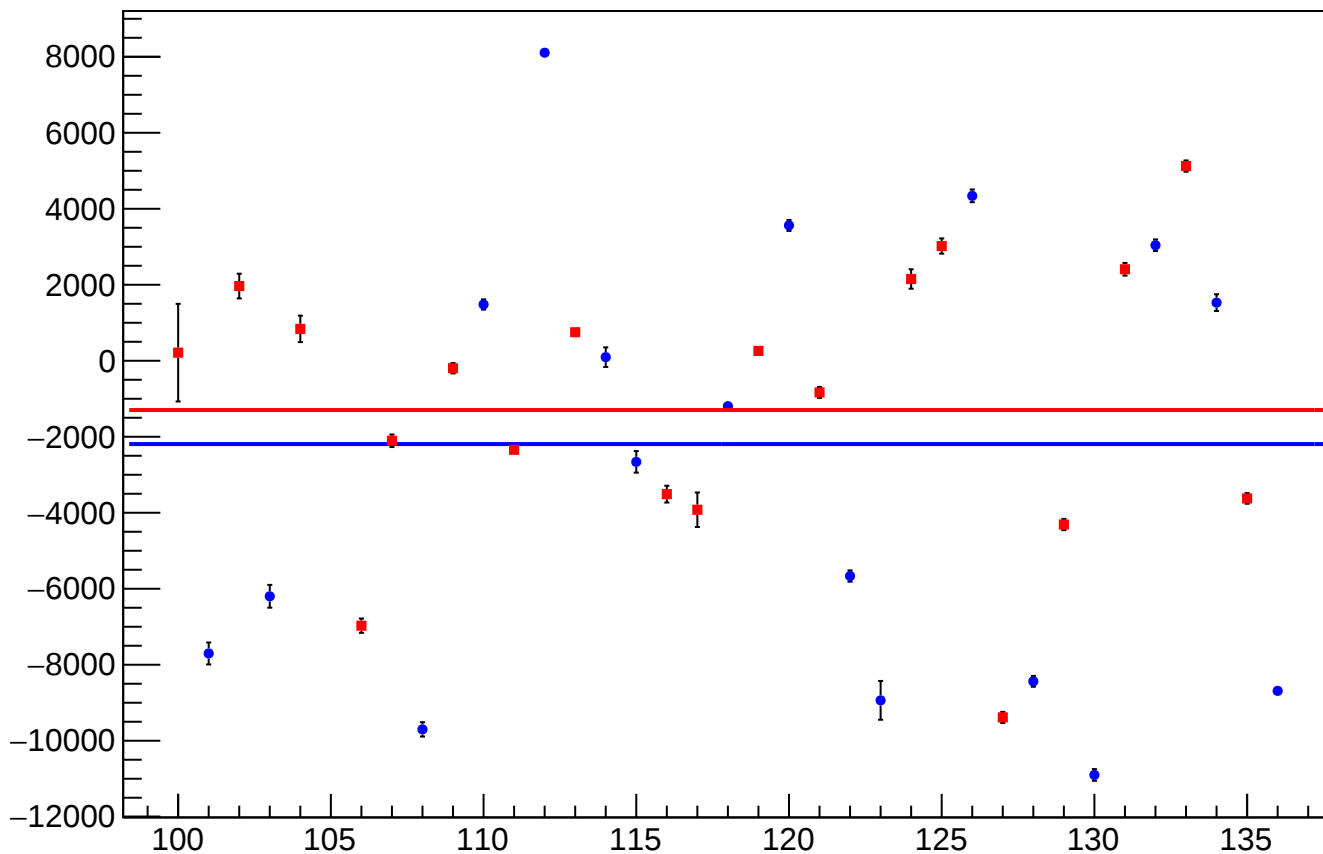
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

368.264 $\pm$ 0.104 χ^2 /NDF: 770116.6/16

356.783 $\pm$ 0.071 χ^2 /NDF: 1608955.3/35

346.866 $\pm$ 0.097 χ^2 /NDF: 816201.2/18

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2192.327+/-39.944 χ^2/NDF : 22813.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1296.575+/-38.413 χ^2/NDF : 8580.7/18

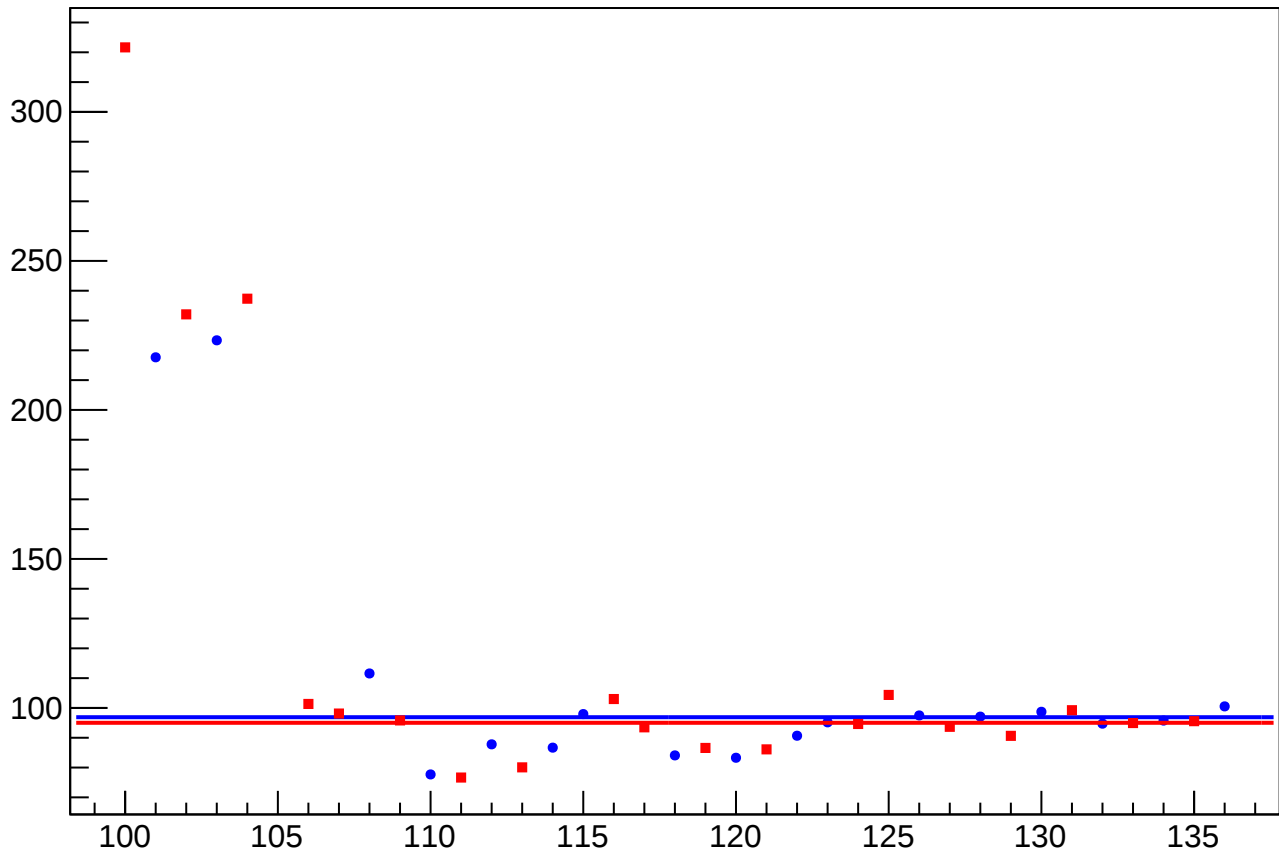
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2192.327+/-39.944 χ^2/NDF : 22813.5/16

-1726.962+/-27.688 χ^2/NDF : 31655.5/35

-1296.575+/-38.413 χ^2/NDF : 8580.7/18

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.894 $\pm$ 0.028 χ^2/NDF : 817229.9/16

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

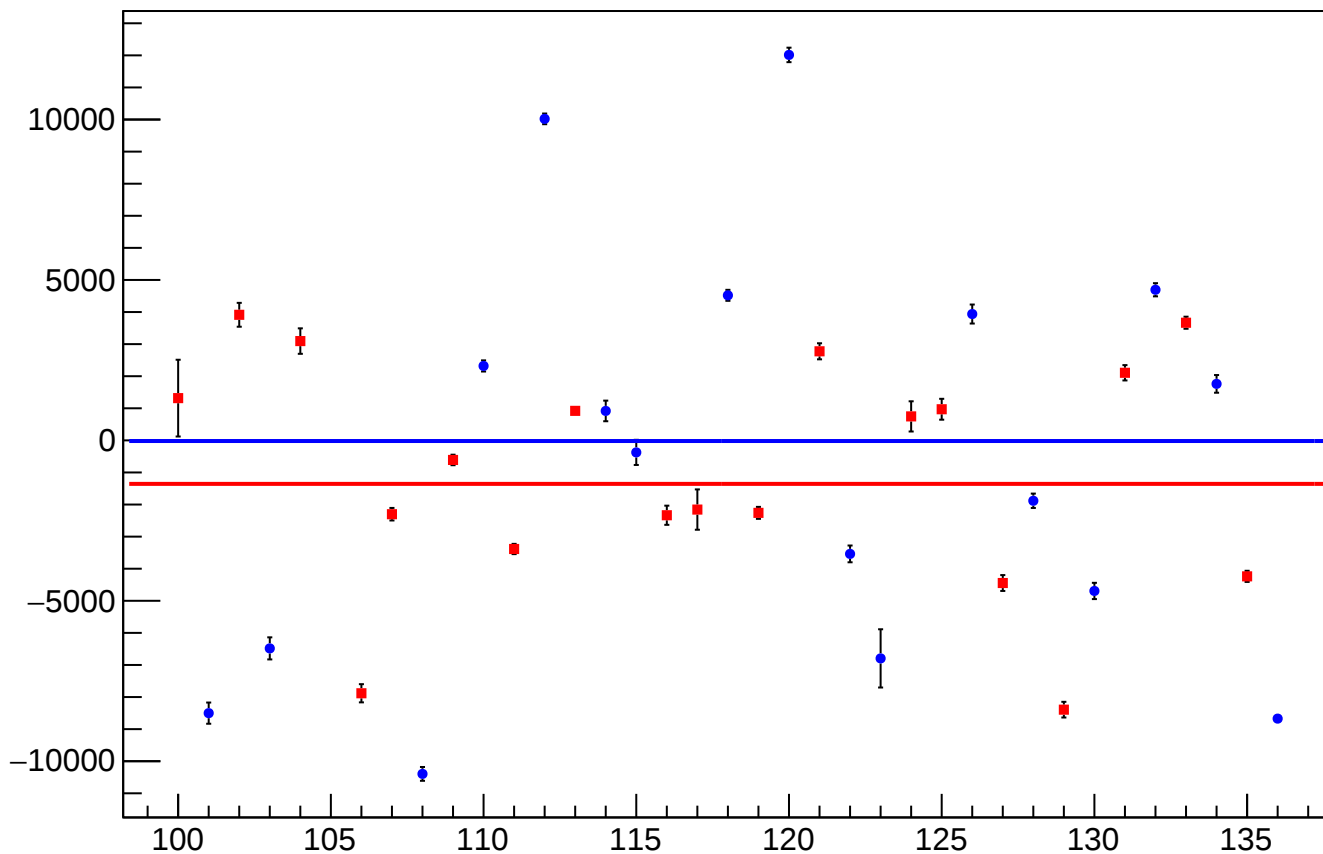
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

96.894 $\pm$ 0.028 χ^2/NDF : 817229.9/16

95.920 $\pm$ 0.020 χ^2/NDF : 1677625.6/35

95.020 $\pm$ 0.027 χ^2/NDF : 858109.4/18

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -19.990 ± 54.643 $\chi^2/\text{NDF}: 16361.0/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1355.869 ± 53.153 $\chi^2/\text{NDF}: 3838.7/18$

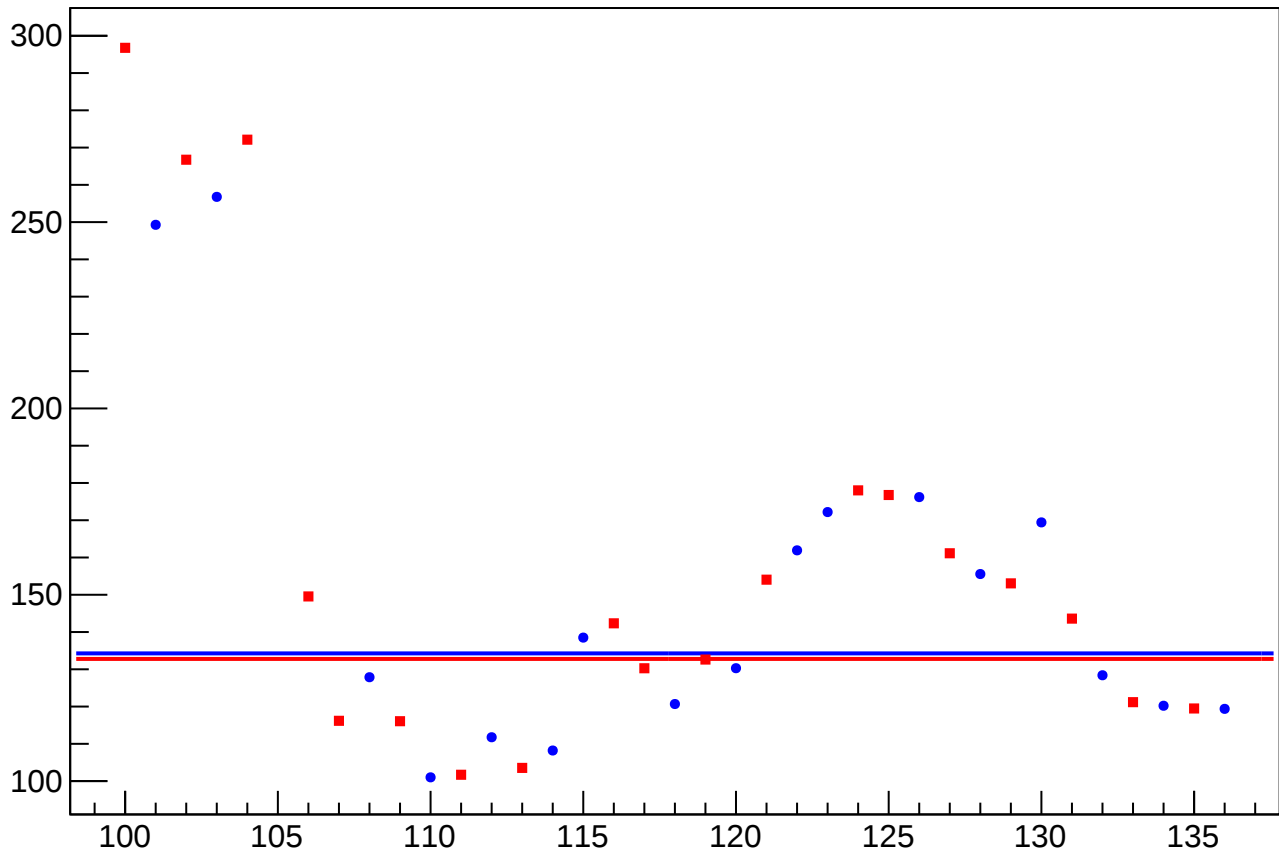
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.990 ± 54.643 $\chi^2/\text{NDF}: 16361.0/16$

-706.391 ± 38.101 $\chi^2/\text{NDF}: 20506.8/35$

-1355.869 ± 53.153 $\chi^2/\text{NDF}: 3838.7/18$

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.039 χ^2/NDF : 788647.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.785+/-0.038 χ^2/NDF : 865062.5/18

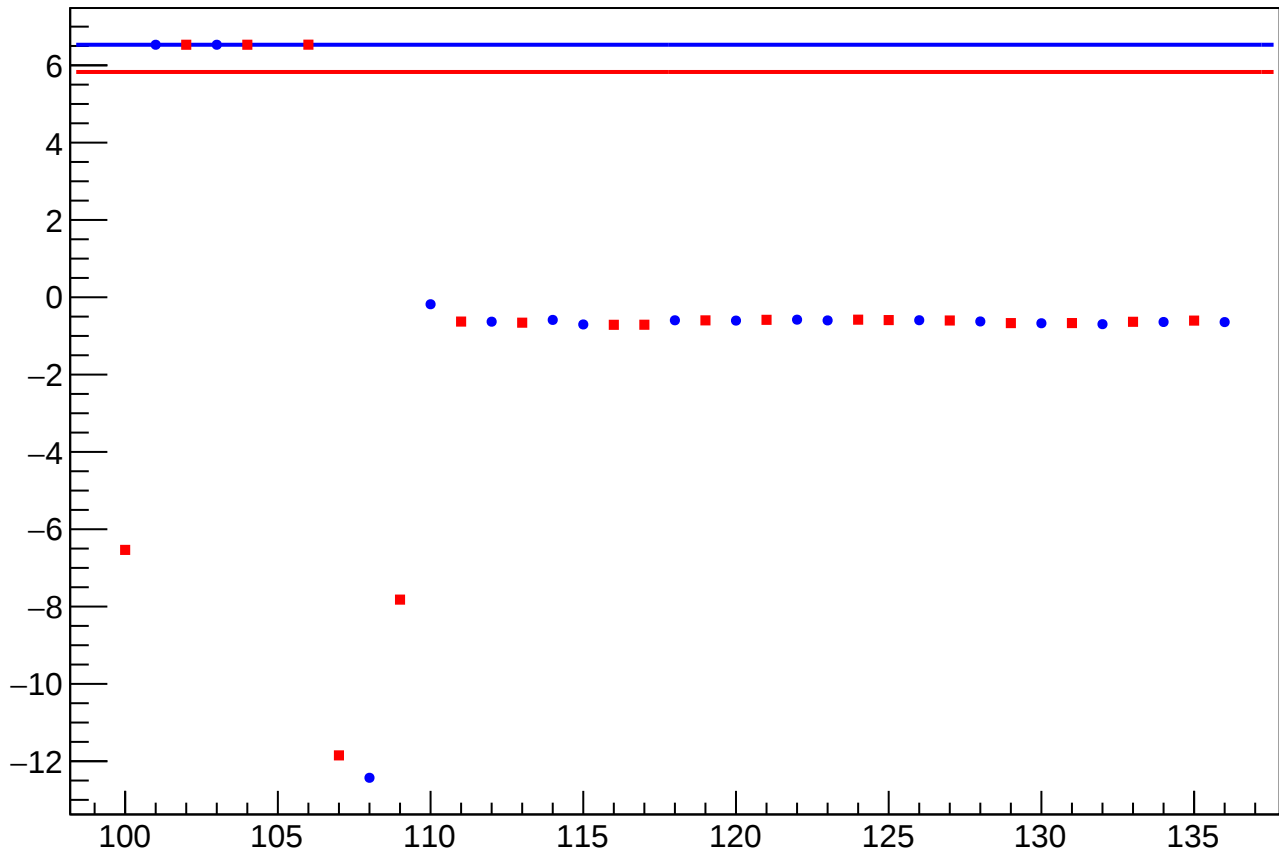
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.268+/-0.039 χ^2/NDF : 788647.0/16

133.506+/-0.027 χ^2/NDF : 1654465.6/35

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 : 127906780672.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 127906780672.7/16

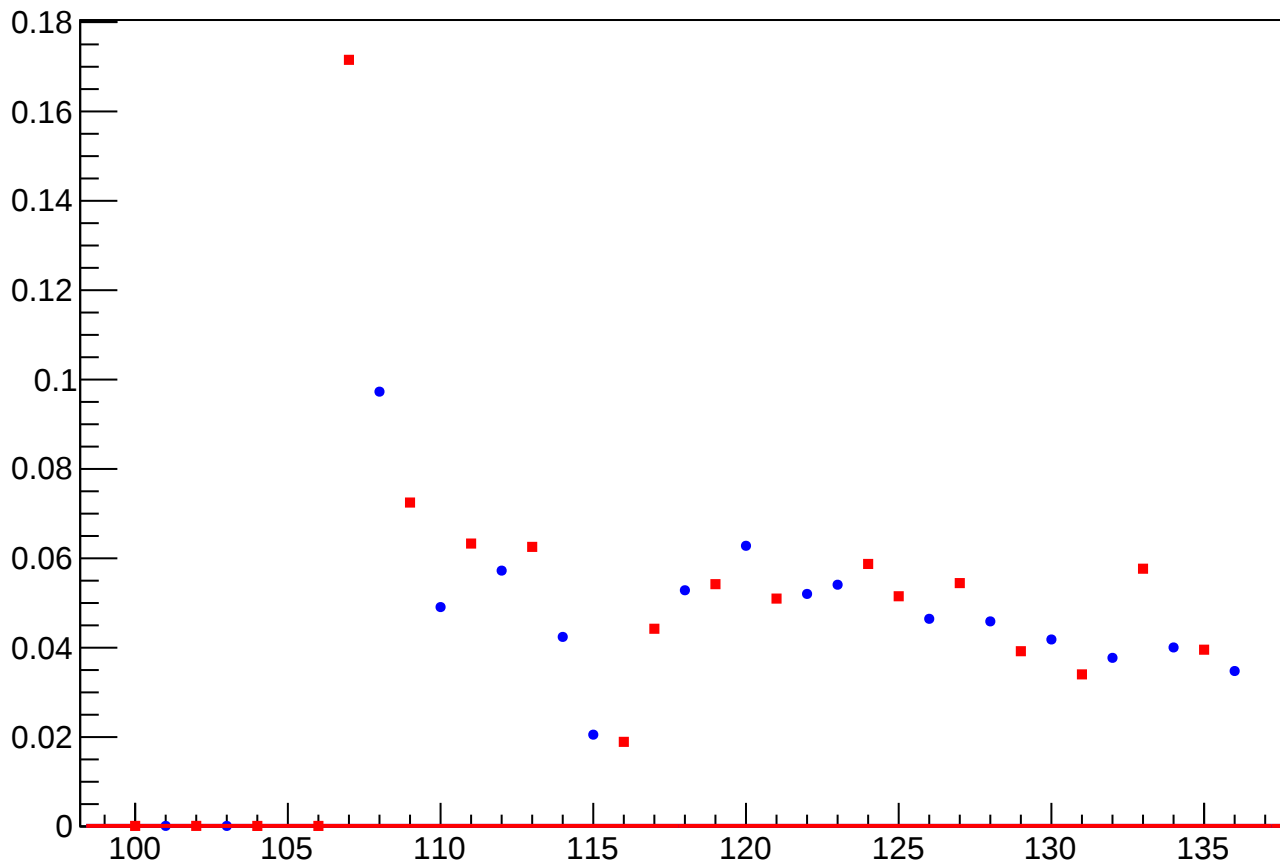
6.155+/-0.000 χ^2/NDF : 77607358698805

Right Out: 5.827+/-0.000 χ^2/NDF : 755942999633876.4/18

5.827+/-0.000 χ^2/NDF : 755942999633876.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9028405.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9175789.6/18

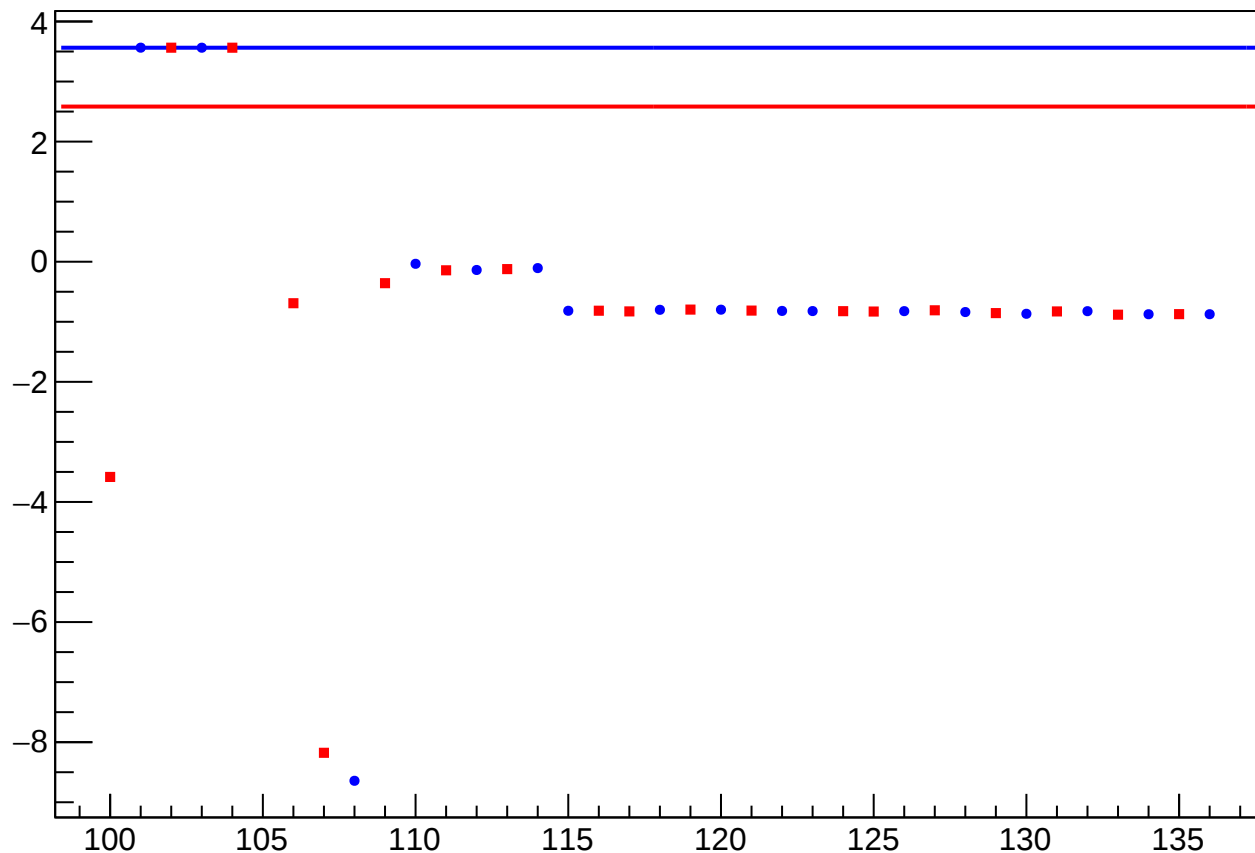
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9028405.7/16

0.000+/-0.000 χ^2/NDF : 18204456.5/35

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 : 486958795673.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.583+/-0.000 χ^2/NDF : 1253476454091711.2/18

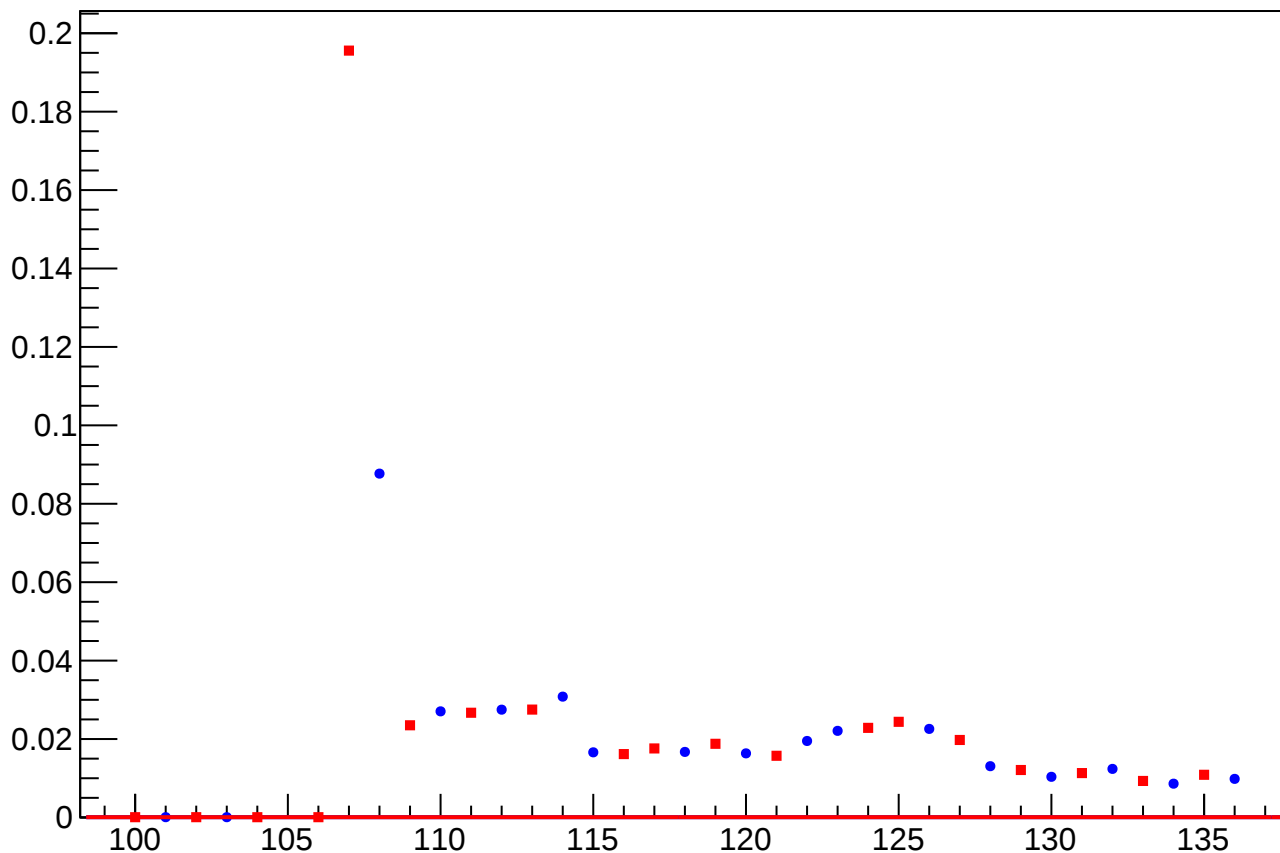
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 486958795673.0/16

3.040+/-0.000 χ^2/NDF : 13822262509732

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 : 9848258.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9640267.2/18

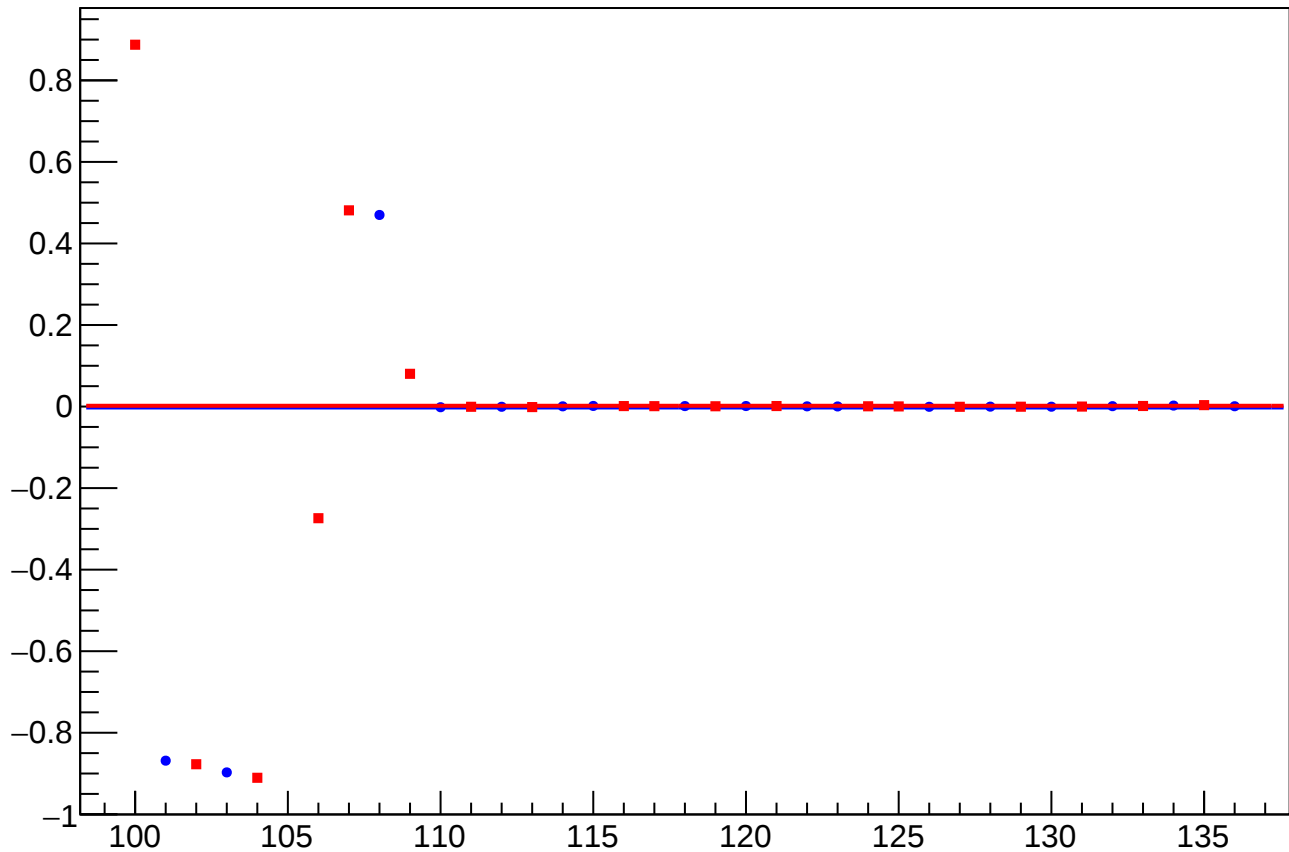
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9848258.0/16

0.000+/-0.000 χ^2/NDF : 19488841.9/35

0.000+/-0.000 χ^2/NDF : 9640267.2/18

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 9795424036.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3041203439.6/18

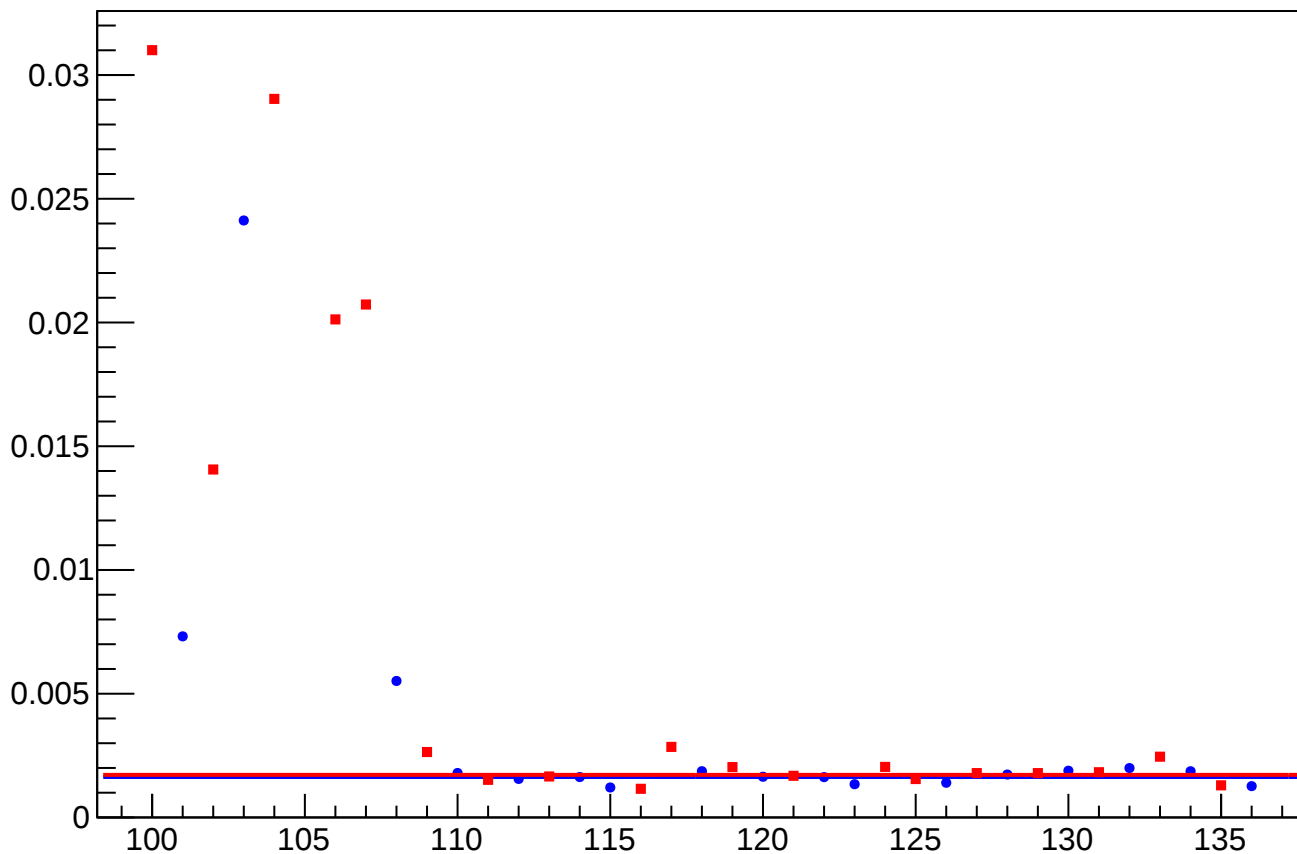
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.002+/-0.000 χ^2/NDF : 9795424036.3/16

-0.000+/-0.000 χ^2/NDF : 12850499747.0/0

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 : 1919127.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3022077.9/18

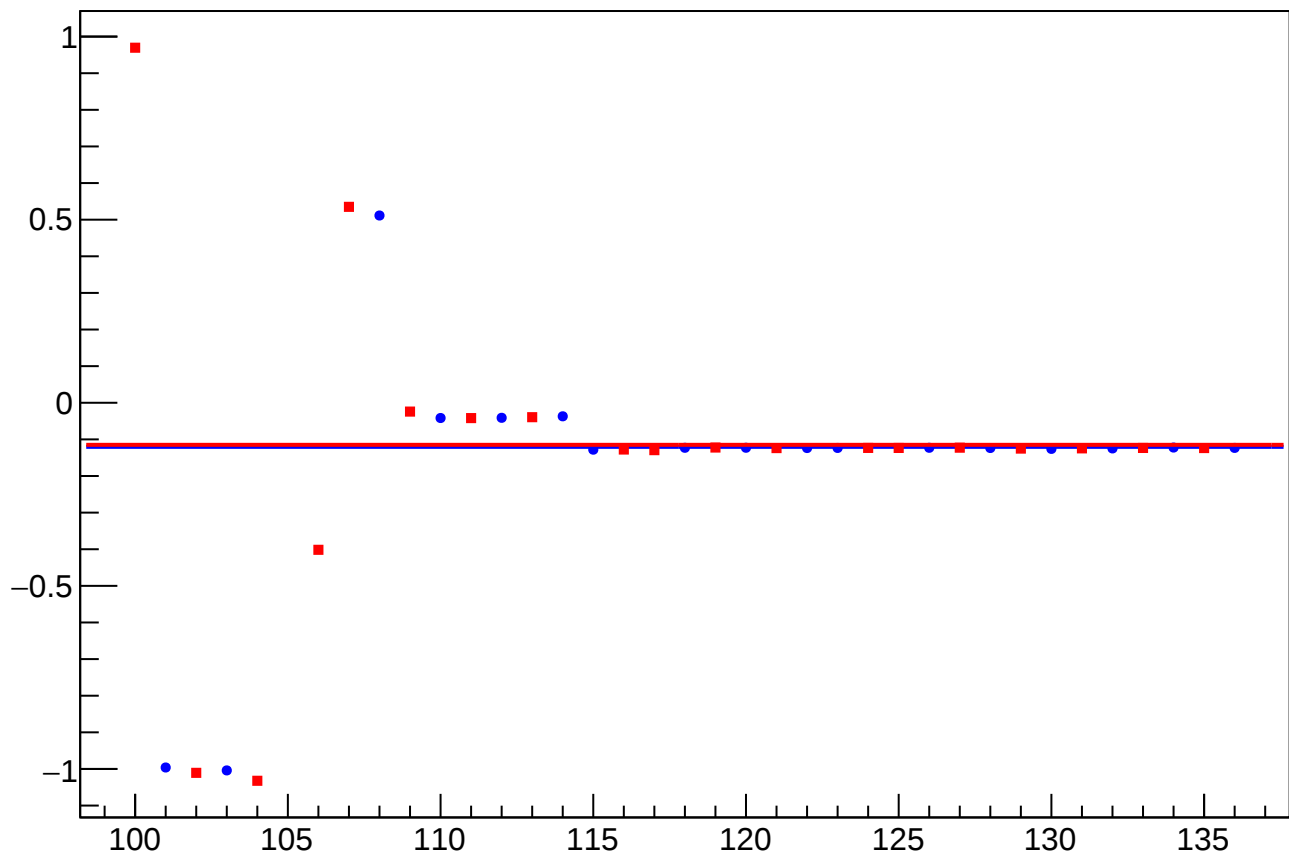
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1919127.9/16

0.002+/-0.000 χ^2/NDF : 4952345.3/35

0.002+/-0.000 χ^2/NDF : 3022077.9/18

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932311162.8/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 2449220400.2/18

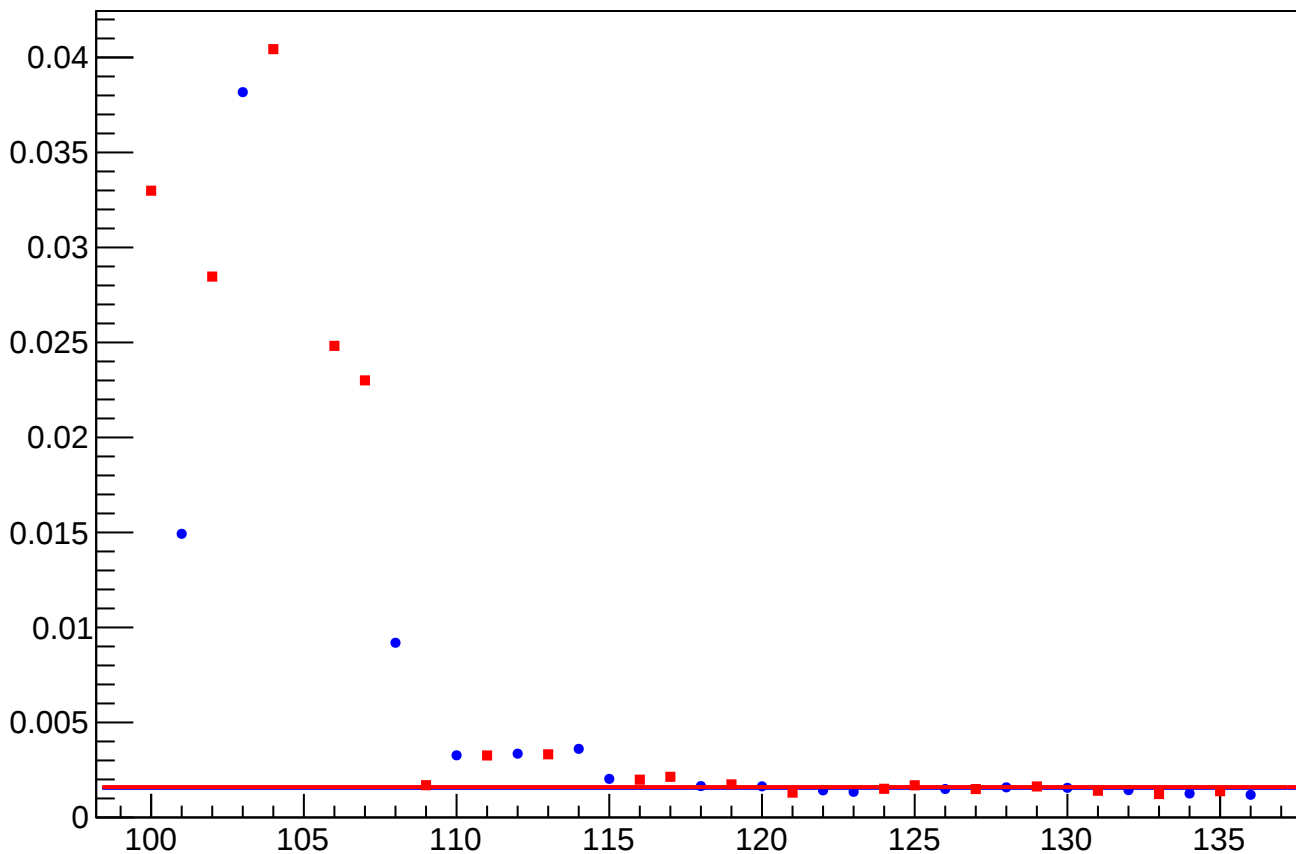
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.120+/-0.000 χ^2/NDF : 3932311162.8/16

-0.118+/-0.000 χ^2/NDF : 6409175364.6/30

-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 : 2903607.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3453051.3/18

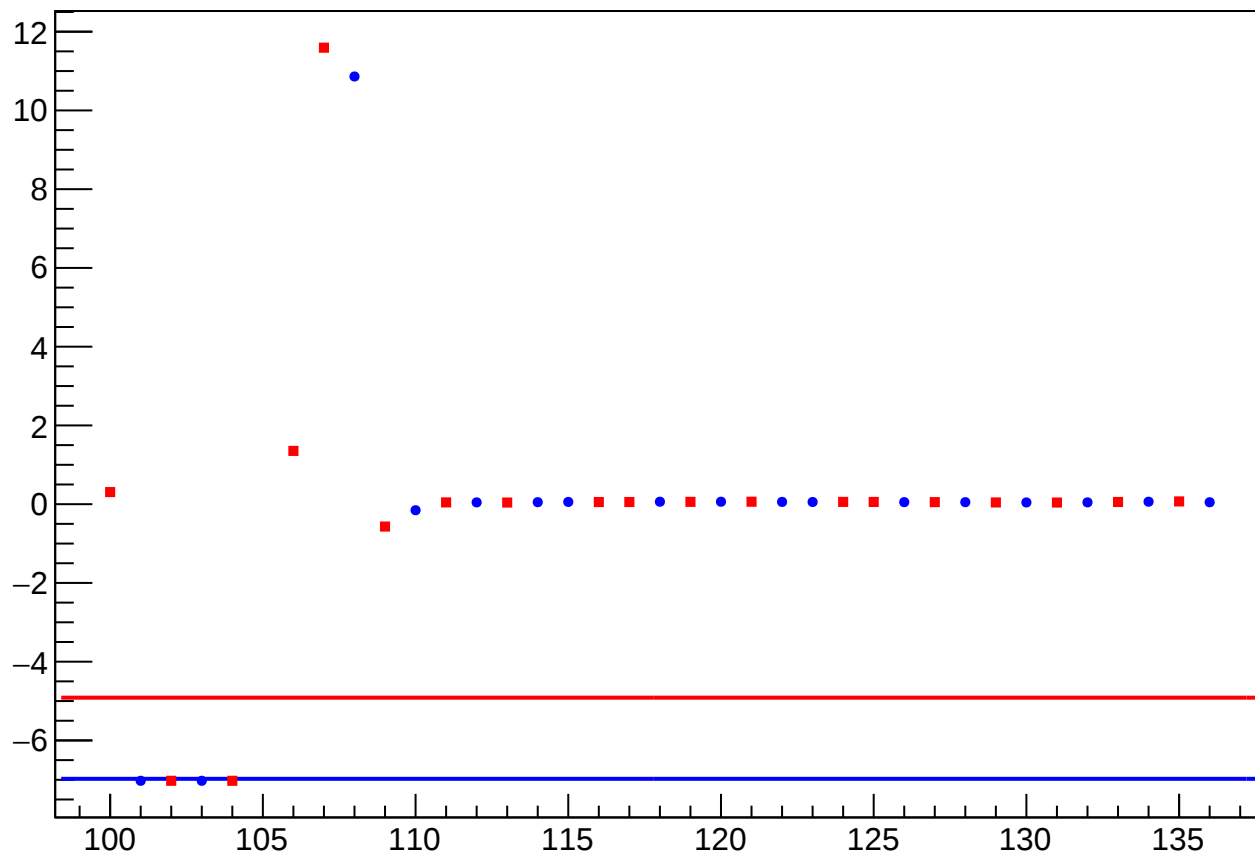
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2903607.4/16

0.002+/-0.000 χ^2/NDF : 6359813.8/35

0.002+/-0.000 χ^2/NDF : 3453051.3/18

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.914+/-0.000 χ^2/NDF : 365302719565979.2/18

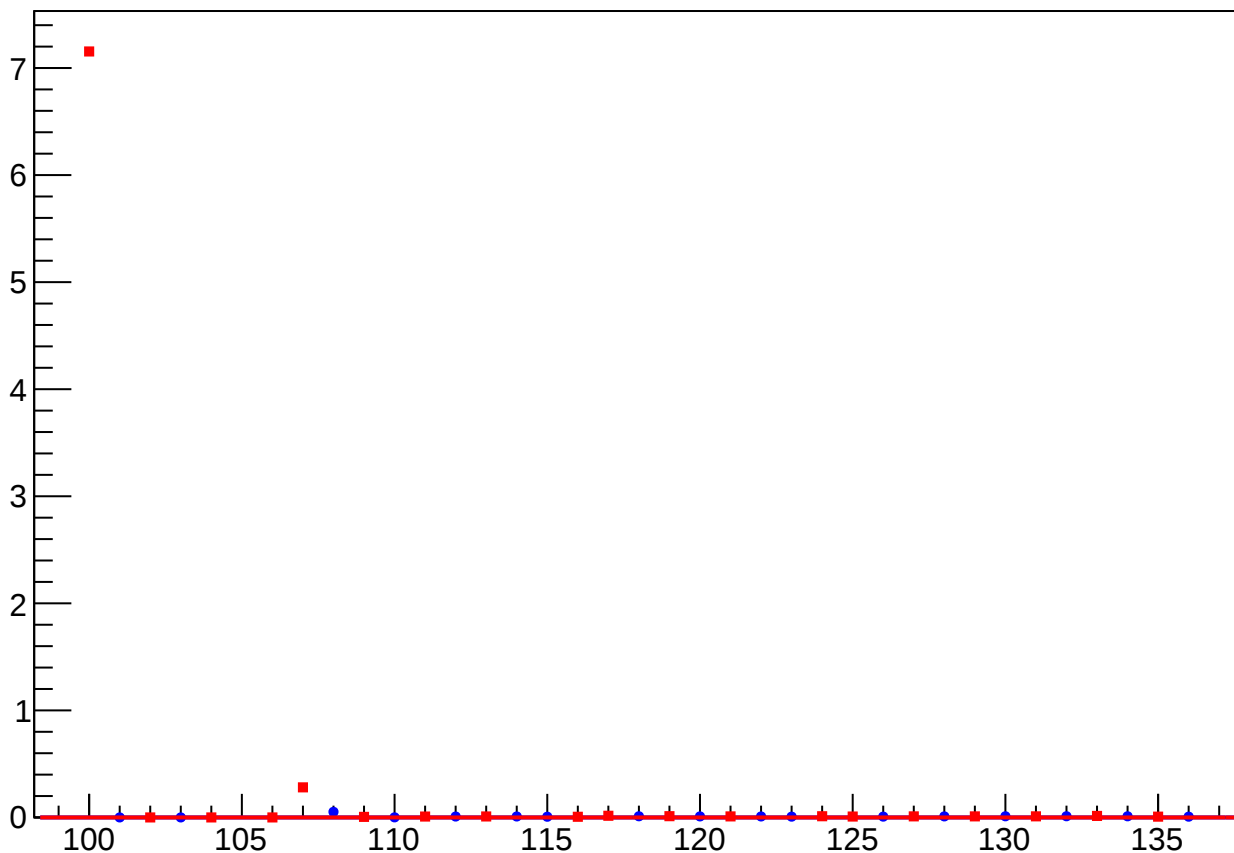
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

-5.900+/-0.000 χ^2/NDF : 43025476529980.0/16

-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 : 8362763.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8586958.4/18

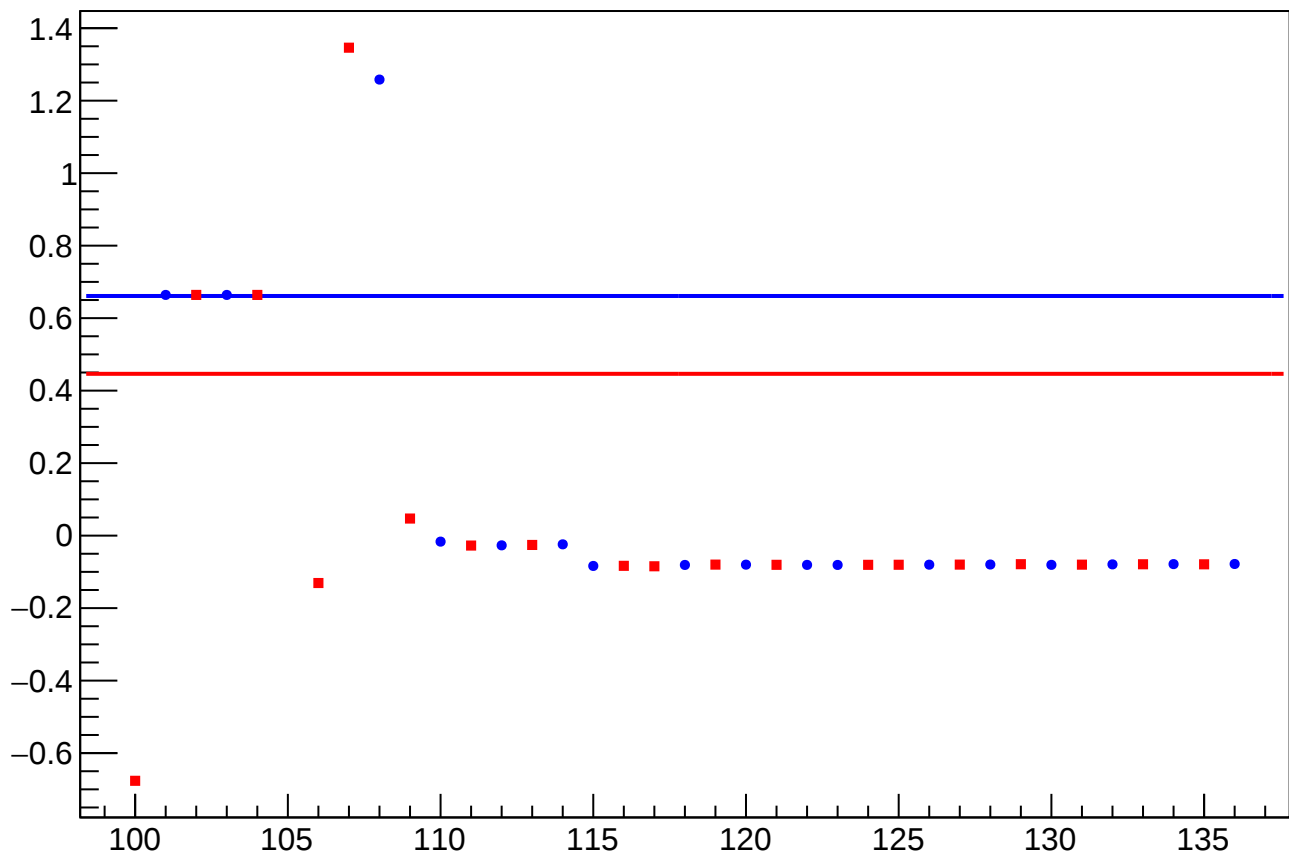
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8362763.6/16

0.000+/-0.000 χ^2/NDF : 16950177.0/35

0.000+/-0.000 χ^2/NDF : 8586958.4/18

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 405222539804362.2/18

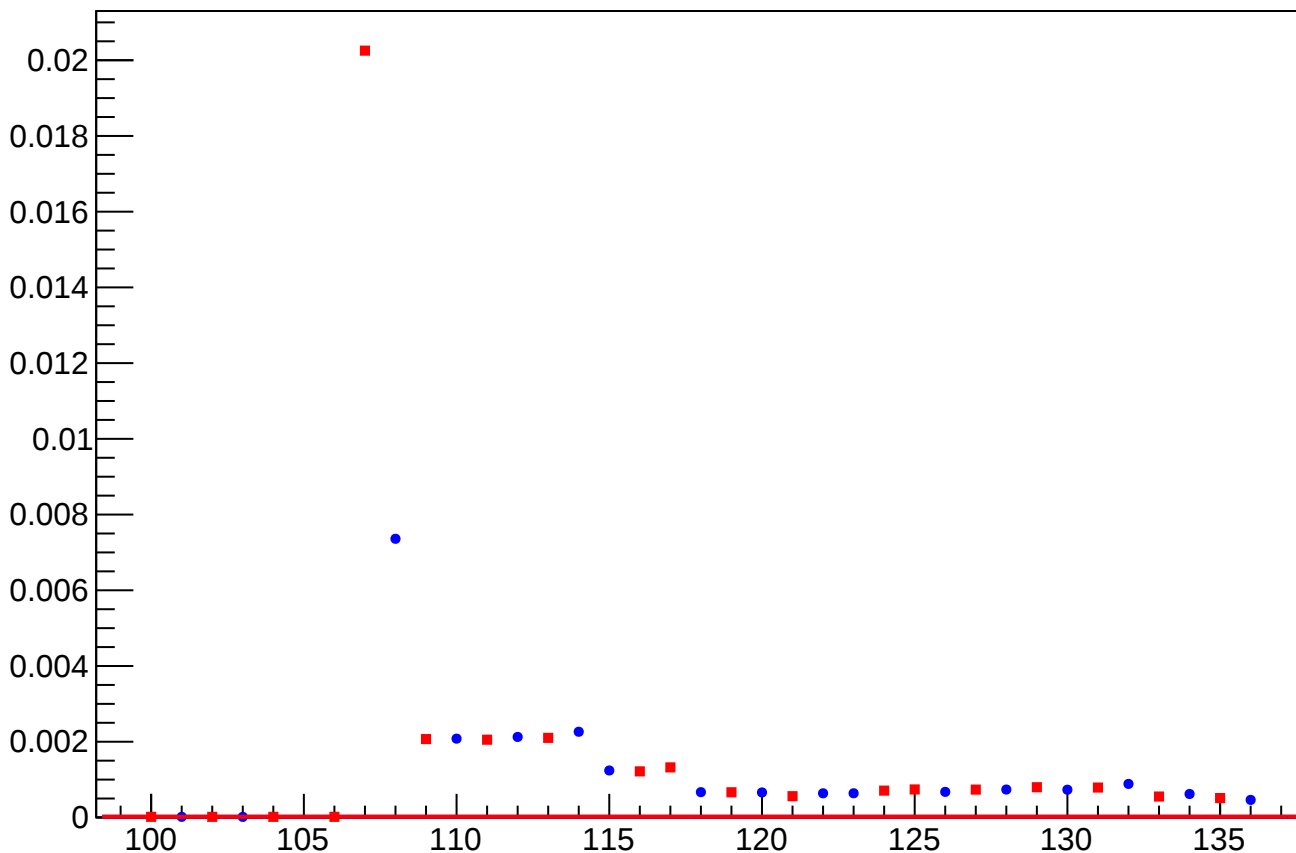
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

0.549+/-0.000 χ^2/NDF : 47372030076765

0.446+/-0.000 χ^2/NDF : 405222539804362.2/18

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9997012.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9244026.1/18

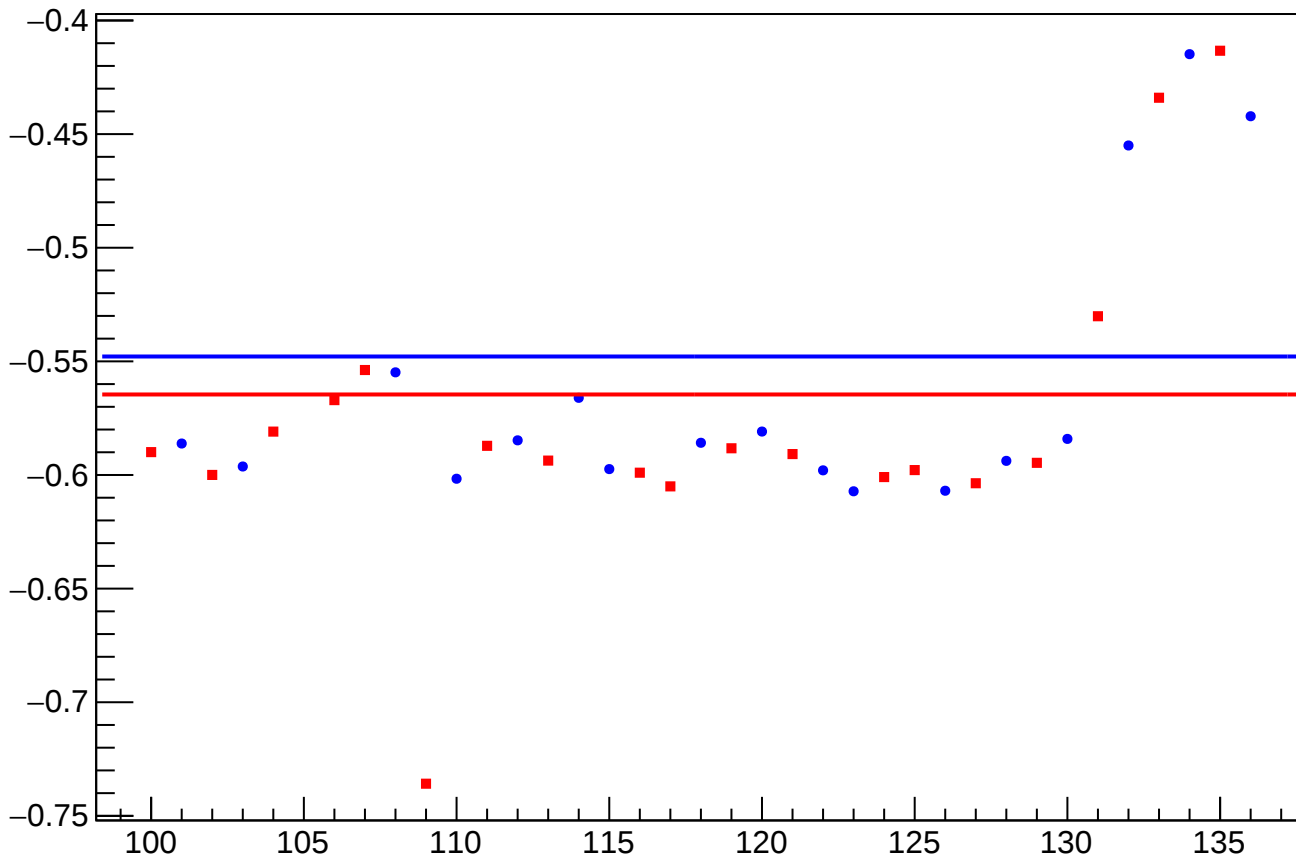
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9997012.7/16

0.000+/-0.000 χ^2/NDF : 19241142.9/35

0.000+/-0.000 χ^2/NDF : 9244026.1/18

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48579920.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-0.000 χ^2/NDF : 59229504.9/18

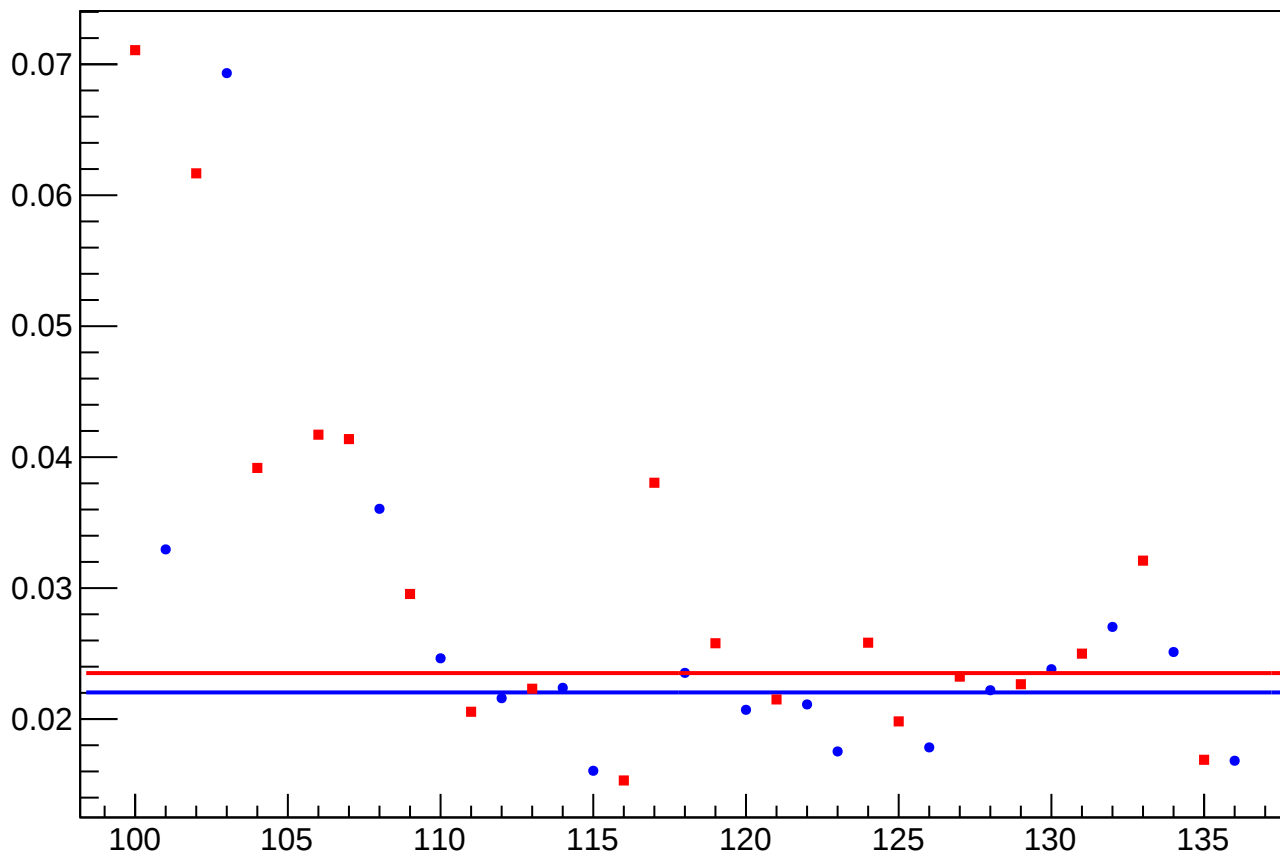
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.548+/-0.000 χ^2/NDF : 48579920.8/16

-0.556+/-0.000 χ^2/NDF : 109200377.7/35

-0.565+/-0.000 χ^2/NDF : 59229504.9/18

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 958966.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 1139631.3/18

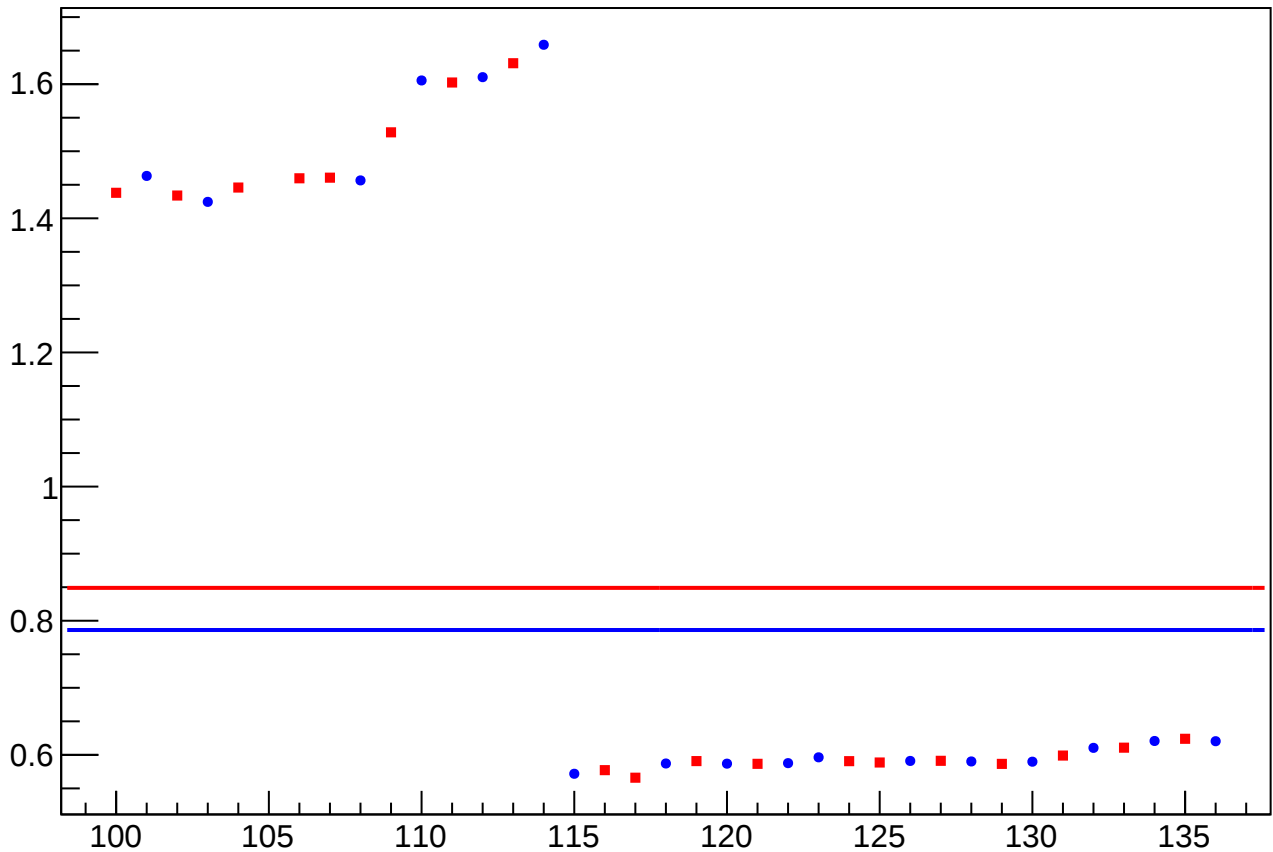
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 958966.6/16

0.023+/-0.000 χ^2/NDF : 2120329.4/35

0.024+/-0.000 χ^2/NDF : 1139631.3/18

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.786+/-0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.849+/-0.000 χ^2/NDF : 4064353260.6/18

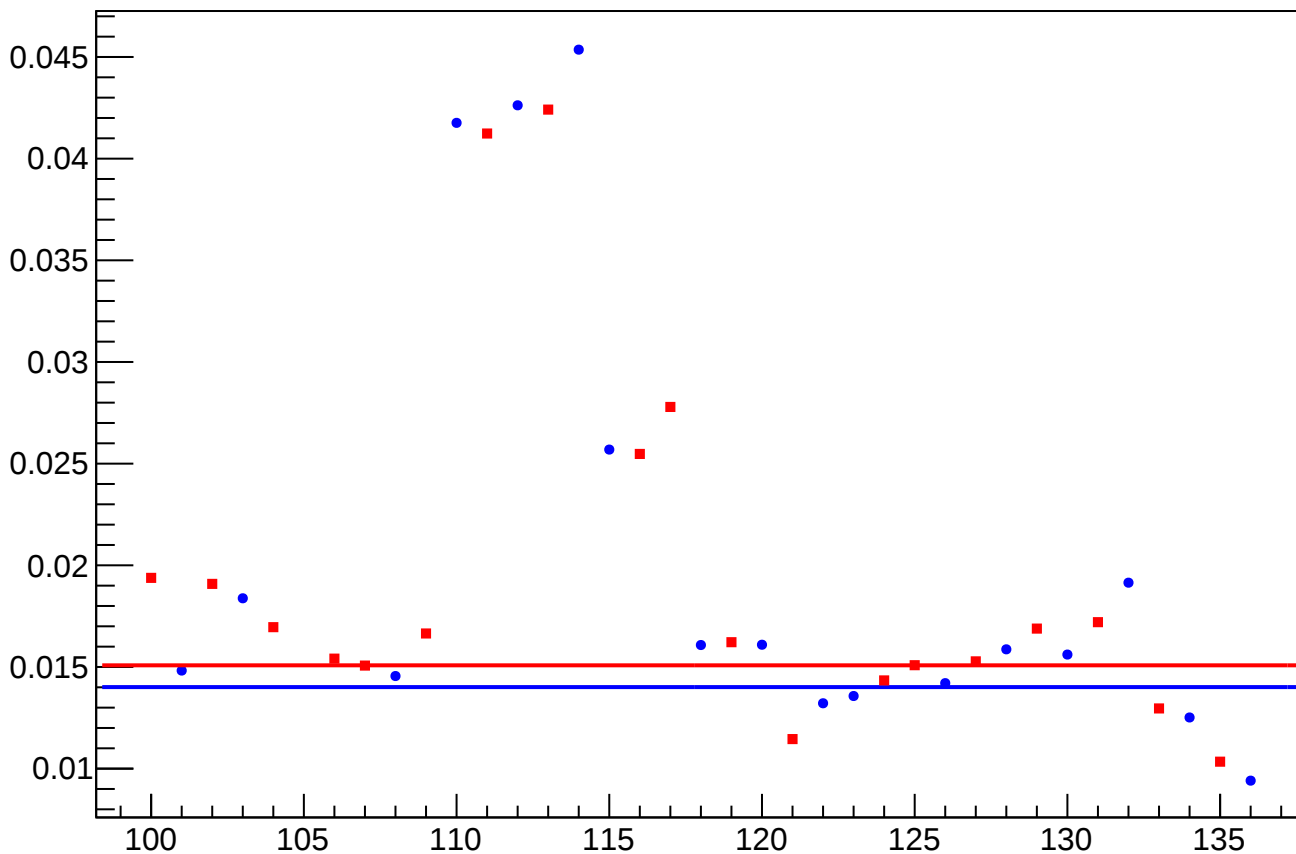
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.786+/-0.000 χ^2/NDF : 3590113316.1/16

0.816+/-0.000 χ^2/NDF : 7708538172.3/35

0.849+/-0.000 χ^2/NDF : 4064353260.6/18

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1169912.5/18

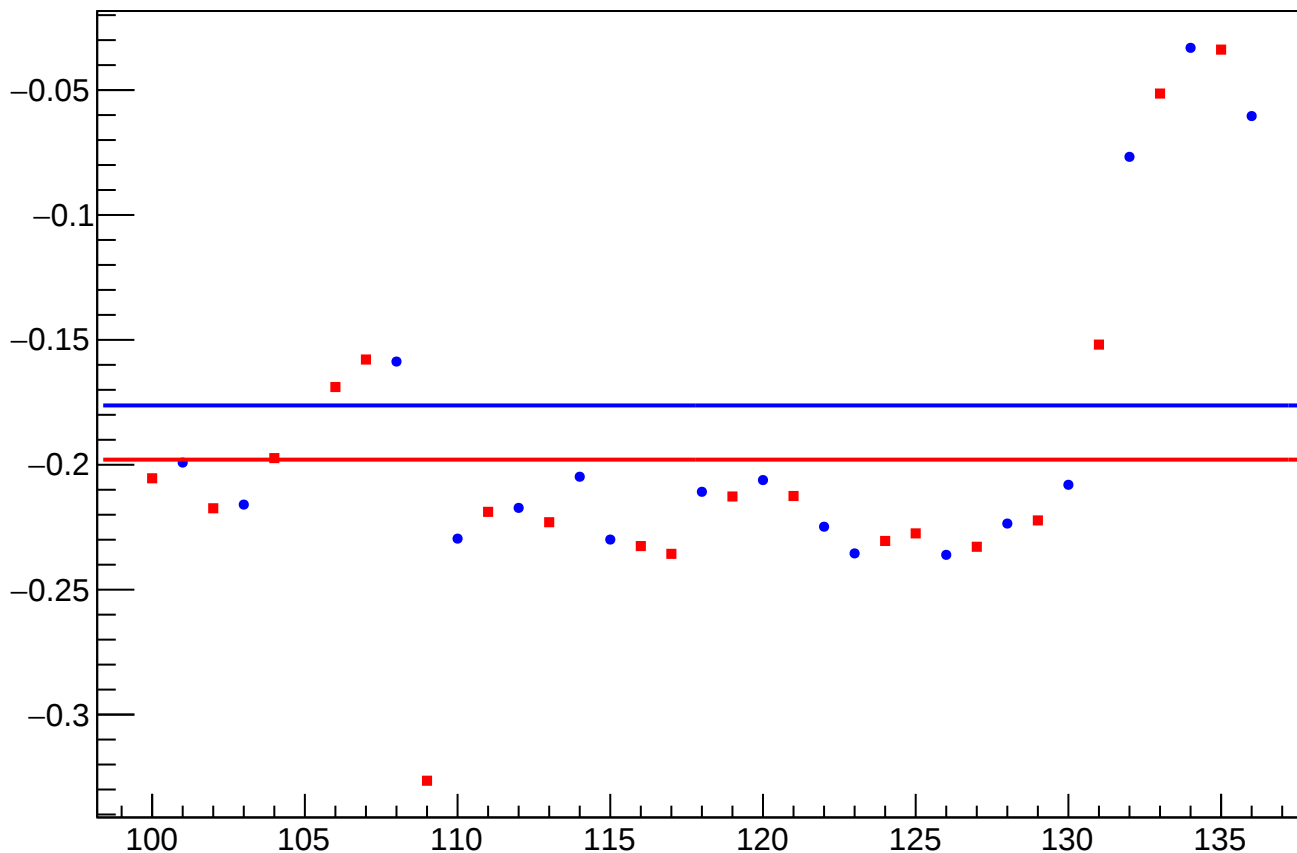
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1404865.3/16

0.015+/-0.000 χ^2/NDF : 2606173.4/35

0.015+/-0.000 χ^2/NDF : 1169912.5/18

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70137178.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.198+/-0.000 χ^2/NDF : 73457469.1/18

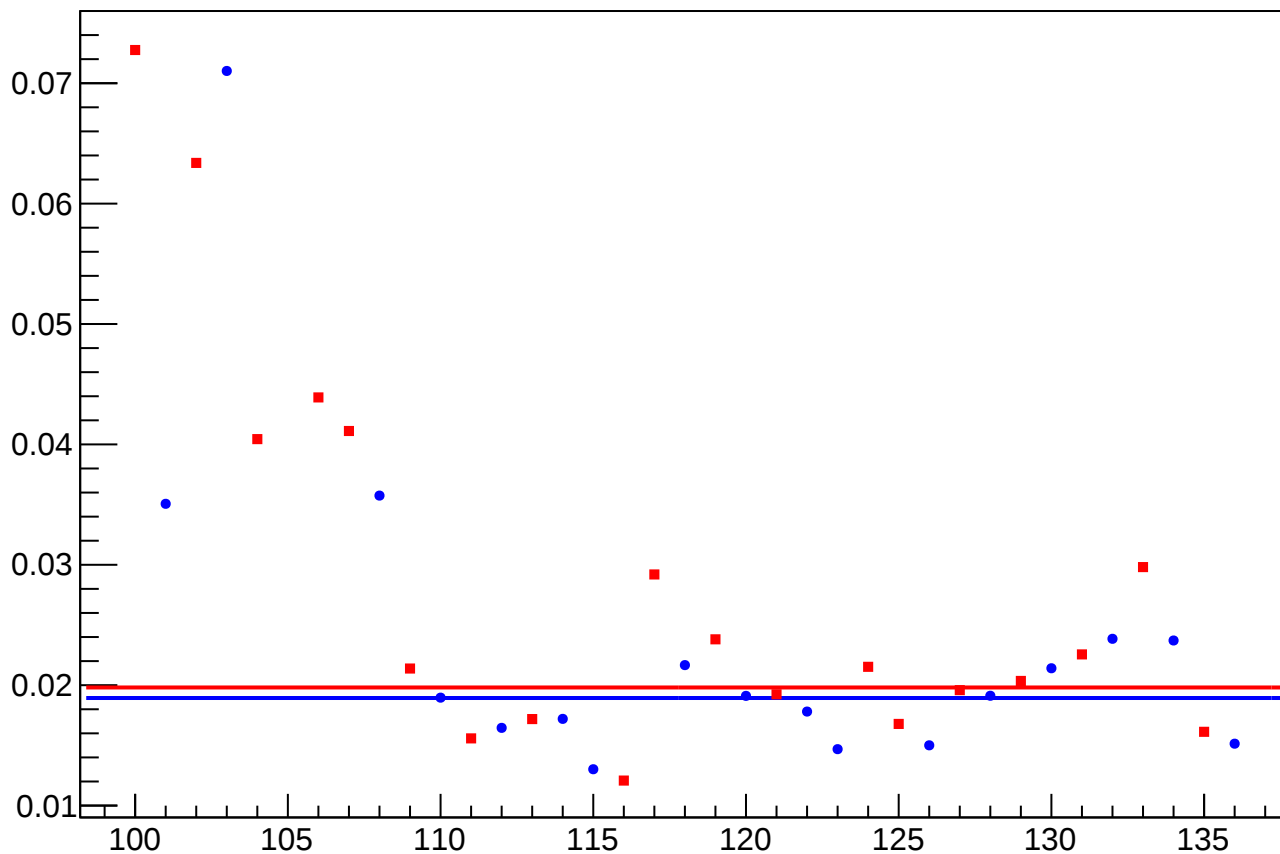
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.176+/-0.000 χ^2/NDF : 70137178.3/16

-0.187+/-0.000 χ^2/NDF : 146758239.3/35

-0.198+/-0.000 χ^2/NDF : 73457469.1/18

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1205858.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1449873.4/18

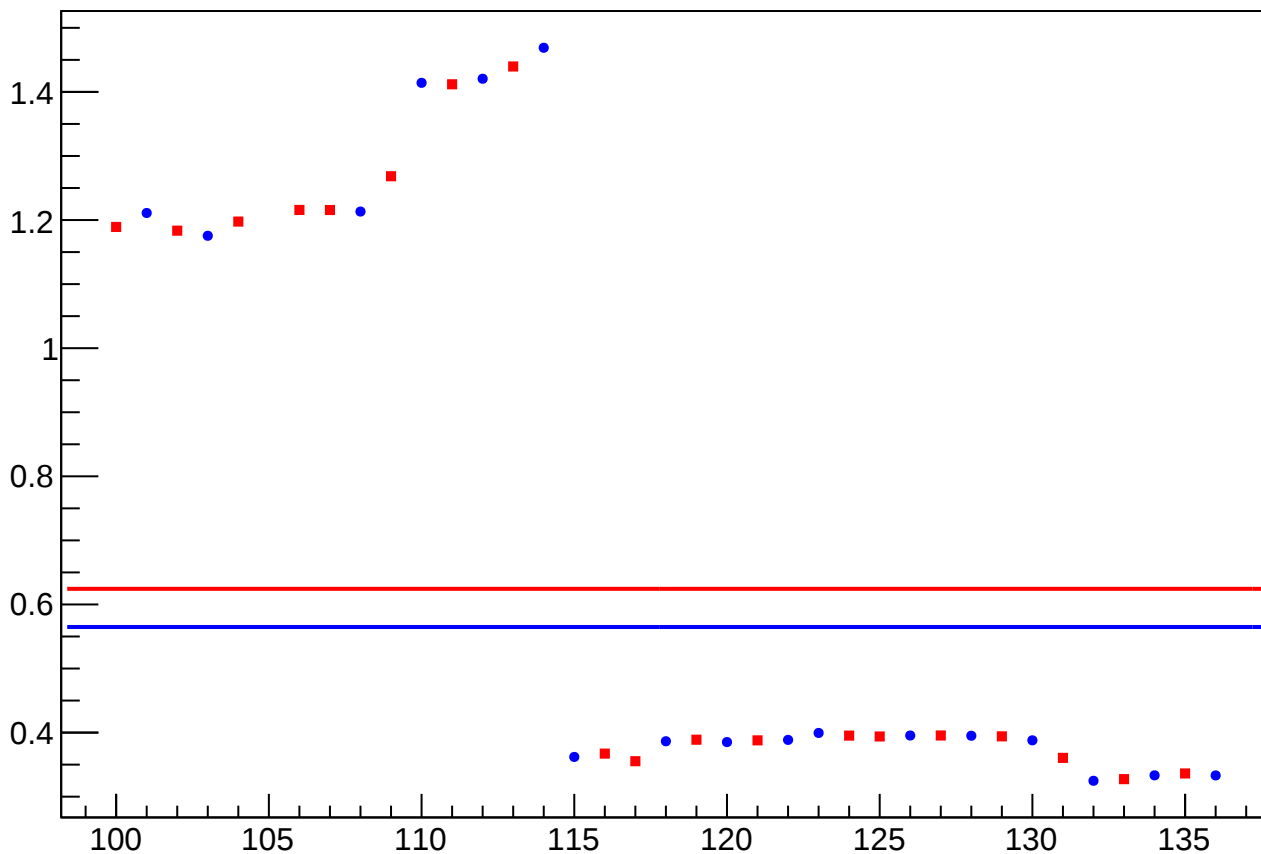
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1205858.0/16

0.019+/-0.000 χ^2/NDF : 2666017.3/35

0.020+/-0.000 χ^2/NDF : 1449873.4/18

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.565+/-0.000 χ^2/NDF : 5030969499.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.624+/-0.000 χ^2/NDF : 5334216101.8/18

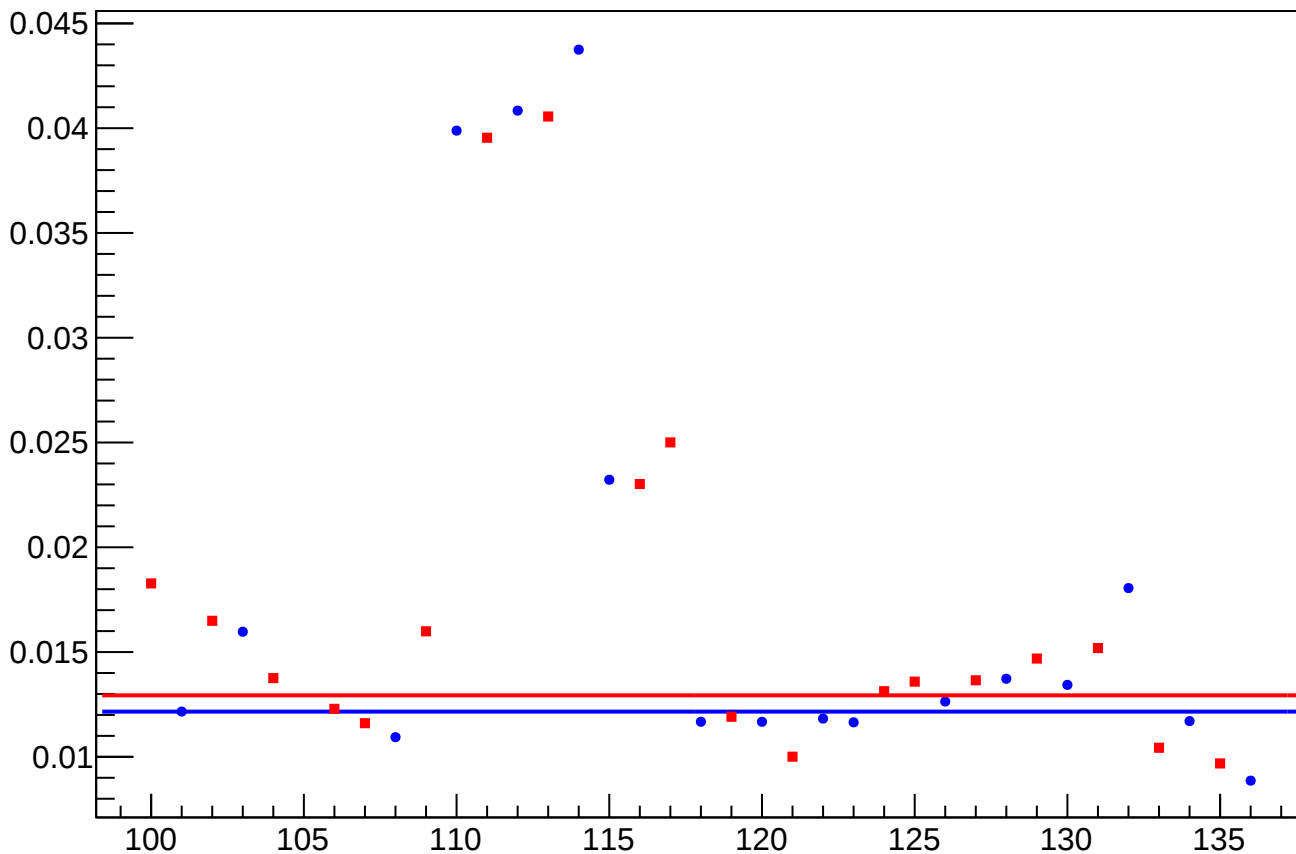
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.565+/-0.000 χ^2/NDF : 5030969499.3/16

0.593+/-0.000 χ^2/NDF : 10429667001.6/3

0.624+/-0.000 χ^2/NDF : 5334216101.8/18

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1309888.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1217024.2/18

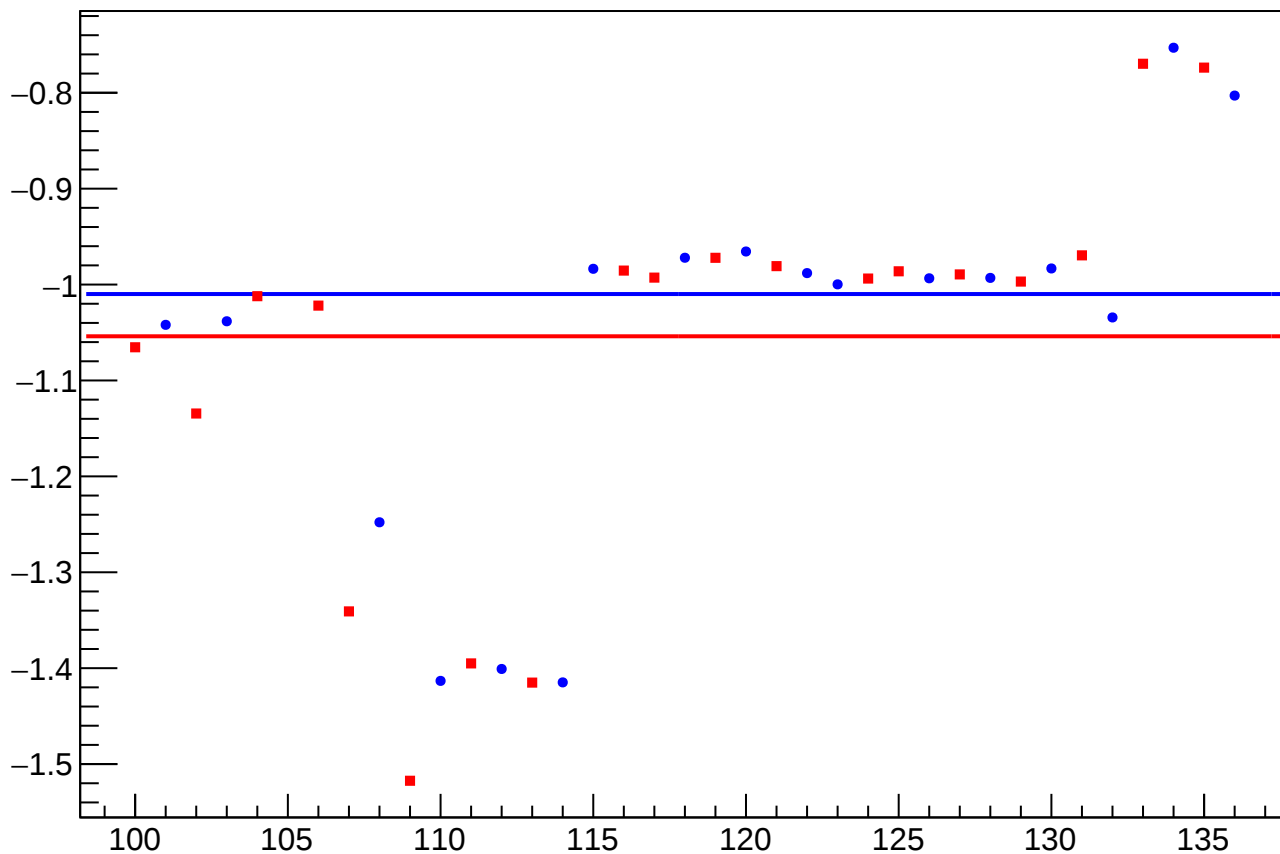
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1309888.8/16

0.013+/-0.000 χ^2/NDF : 2548843.9/35

0.013+/-0.000 χ^2/NDF : 1217024.2/18

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.010+/-0.000 χ^2/NDF : 387650332.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.054+/-0.000 χ^2/NDF : 501373746.3/18

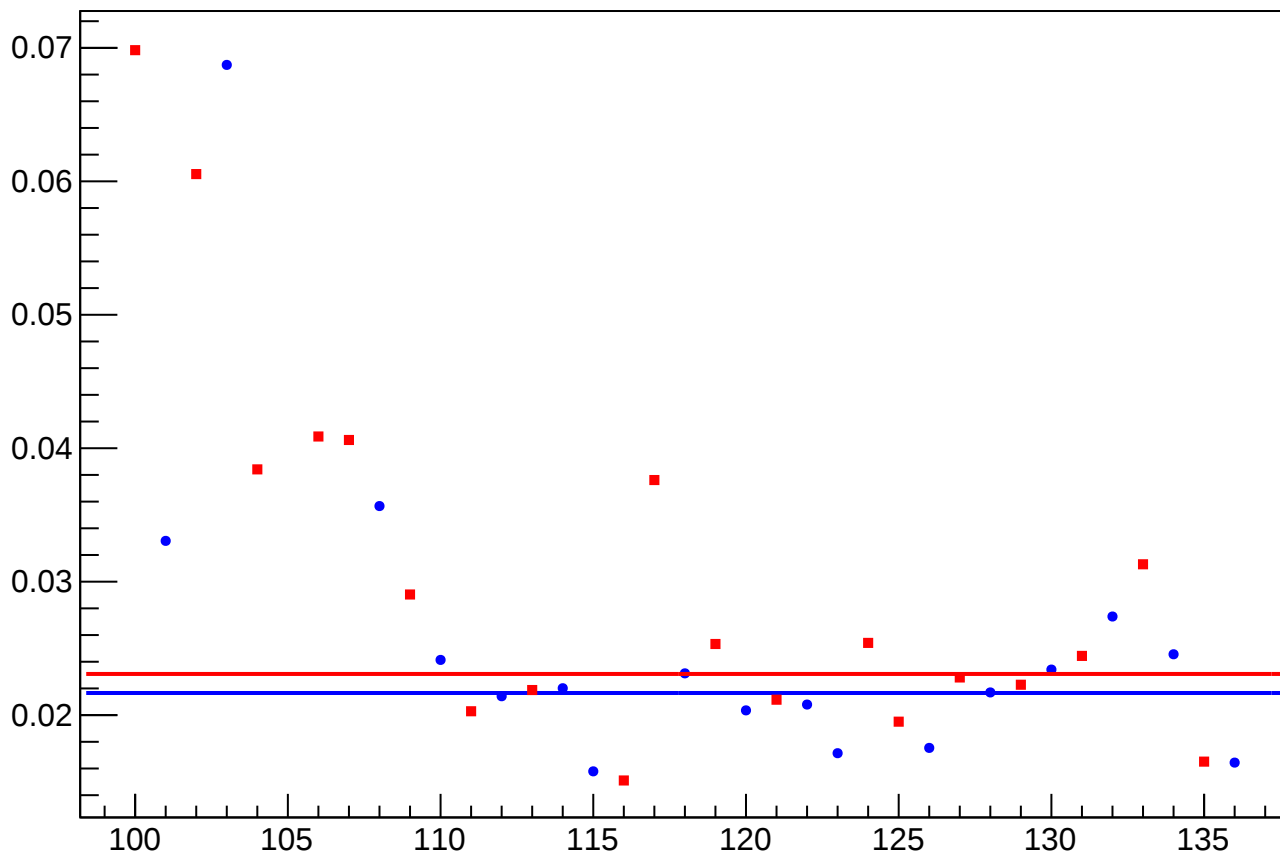
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.010+/-0.000 χ^2/NDF : 387650332.0/16

-1.031+/-0.000 χ^2/NDF : 899016176.8/35

-1.054+/-0.000 χ^2/NDF : 501373746.3/18

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 983499.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1135233.9/18

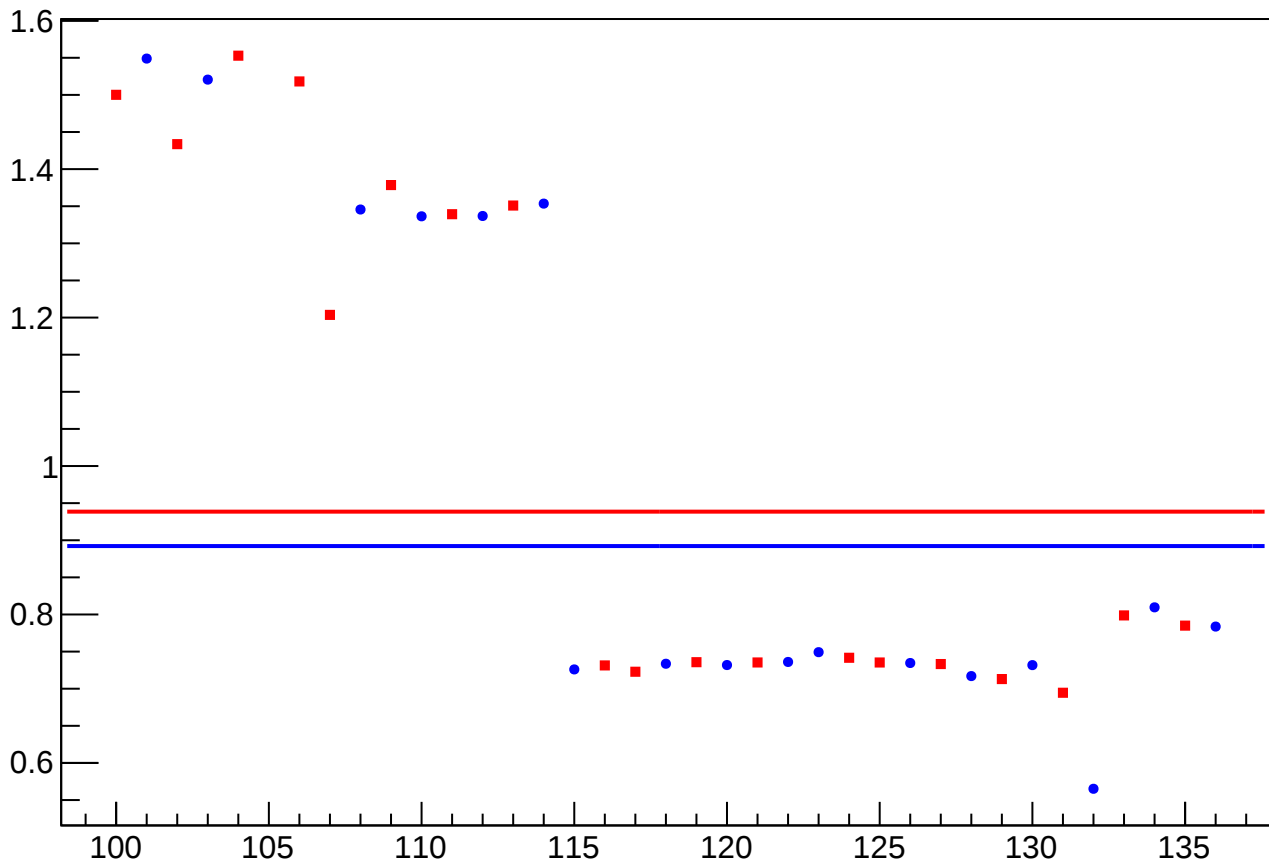
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 983499.8/16

0.022+/-0.000 χ^2/NDF : 2139689.2/35

0.023+/-0.000 χ^2/NDF : 1135233.9/18

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.892+/-0.000 χ^2/NDF : 2413732173.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.939+/-0.000 χ^2/NDF : 2397136346.1/18

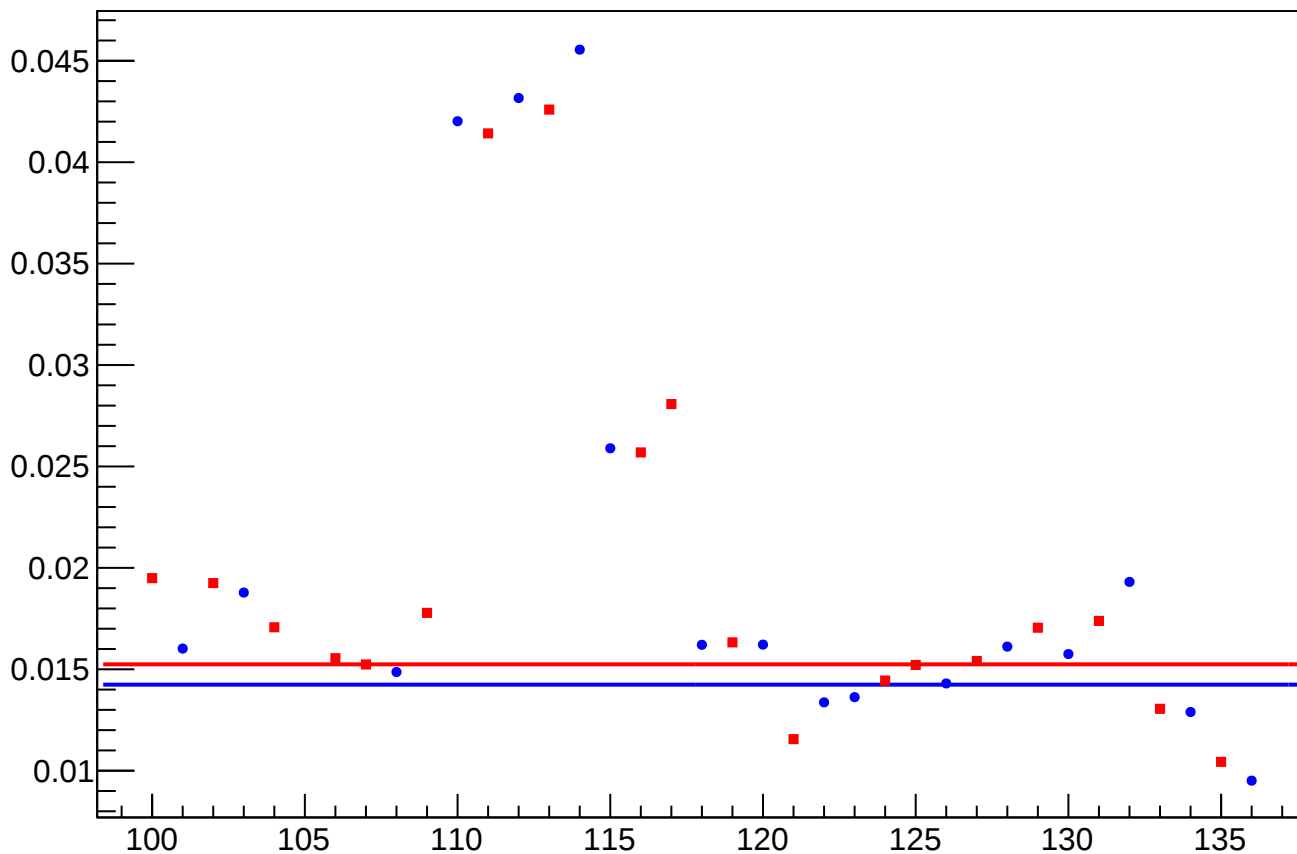
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.892+/-0.000 χ^2/NDF : 2413732173.6/16

0.914+/-0.000 χ^2/NDF : 4839410258.4/35

0.939+/-0.000 χ^2/NDF : 2397136346.1/18

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1415681.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1174337.3/18

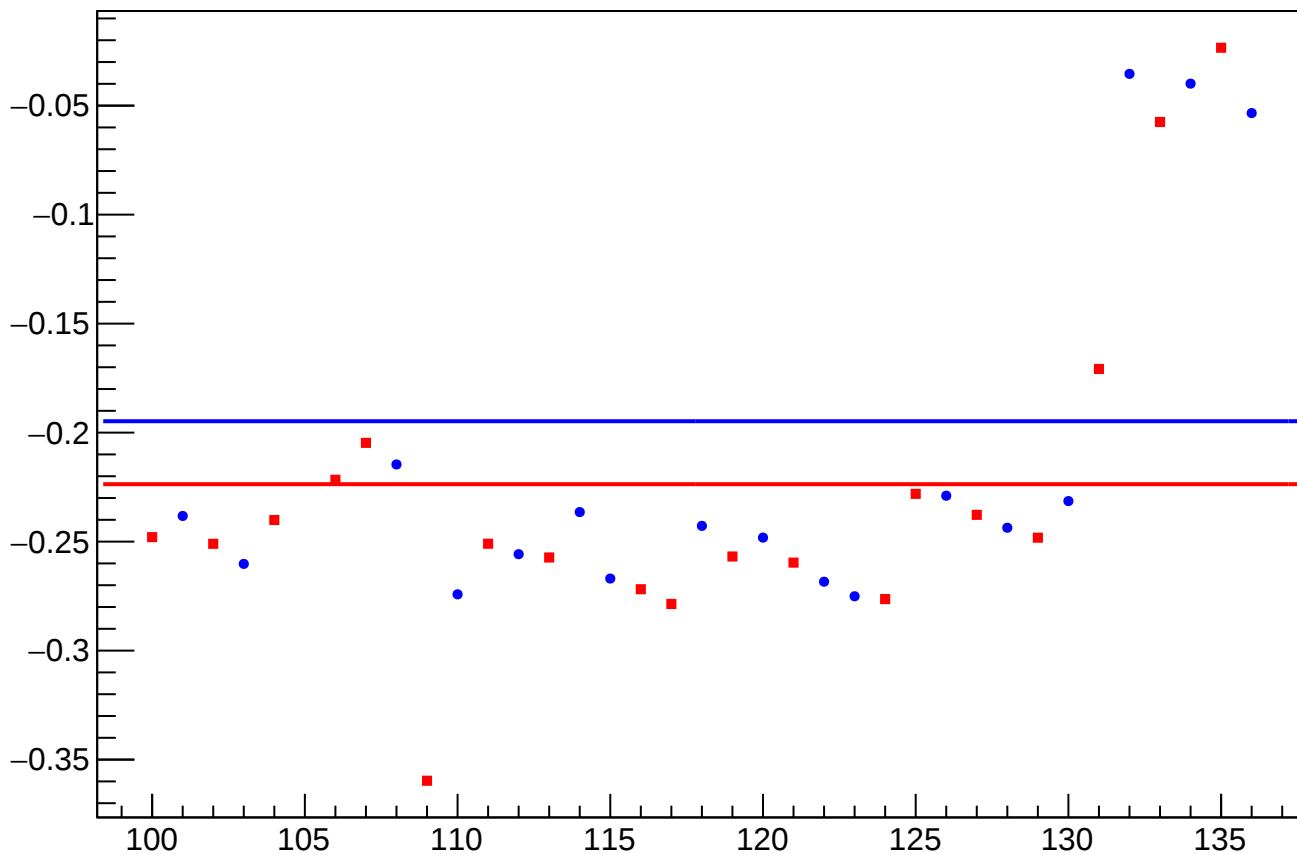
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1415681.3/16

0.015+/-0.000 χ^2/NDF : 2616599.8/35

0.015+/-0.000 χ^2/NDF : 1174337.3/18

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.195+/-0.000 χ^2/NDF : 108656195.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 96219000.0/18

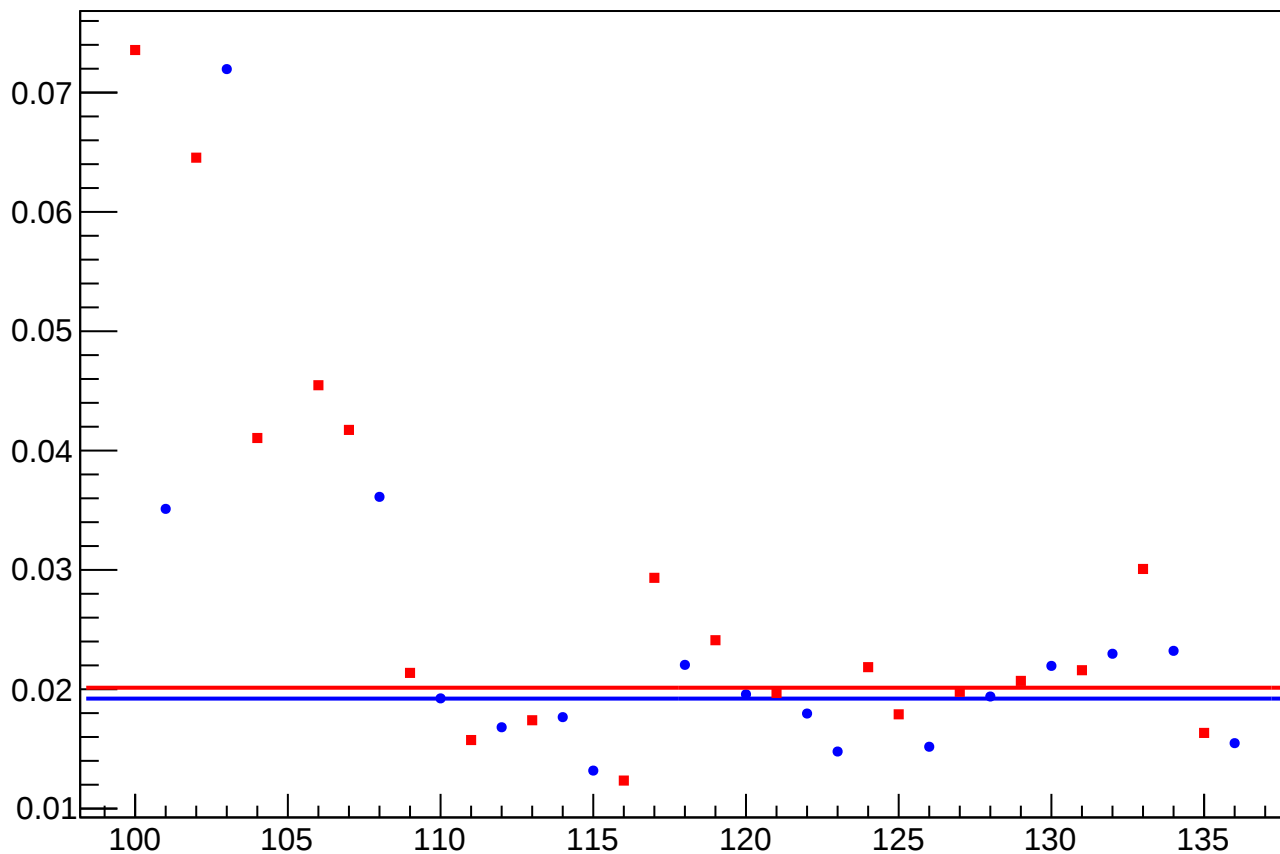
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.195+/-0.000 χ^2/NDF : 108656195.5/16

-0.209+/-0.000 χ^2/NDF : 210314906.1/35

-0.224+/-0.000 χ^2/NDF : 96219000.0/18

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1177085.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1436165.0/18

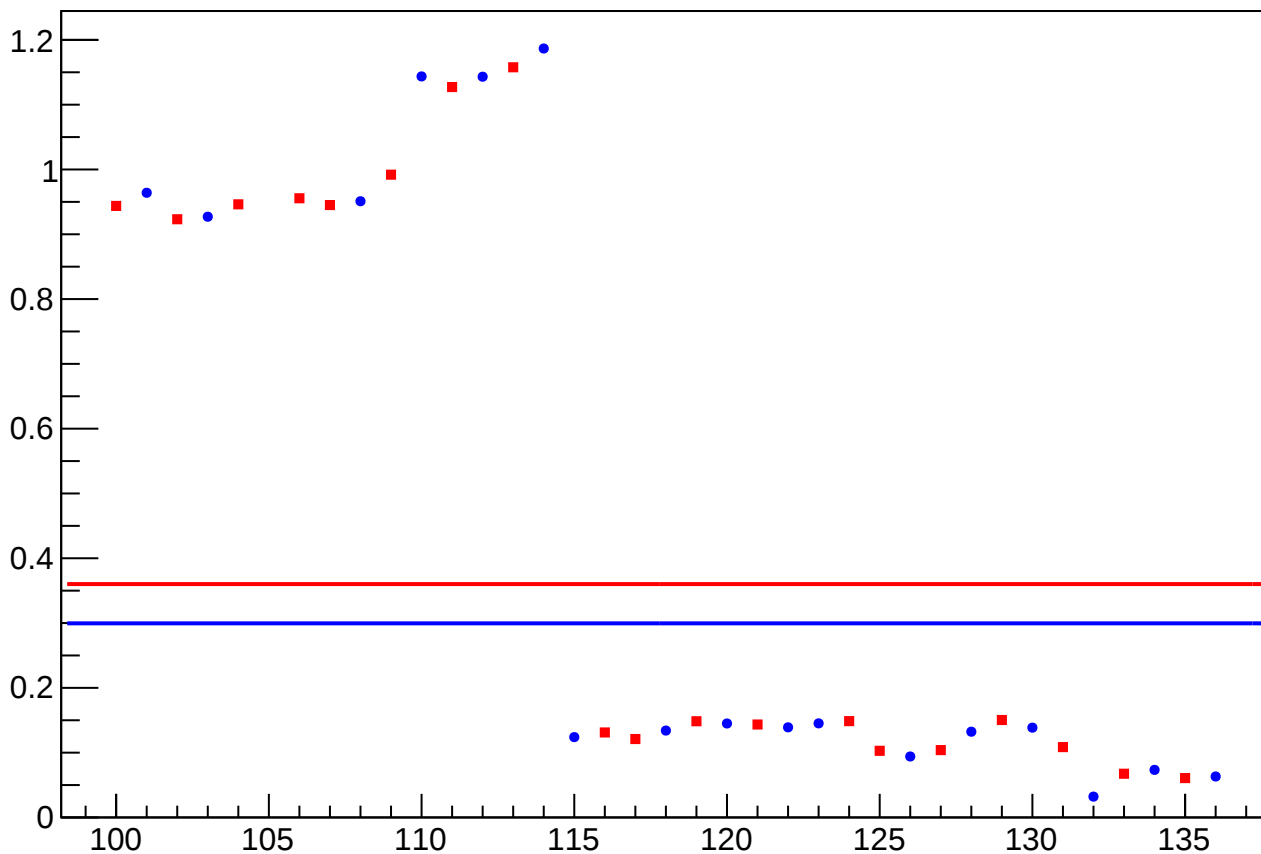
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1177085.4/16

0.020+/-0.000 χ^2/NDF : 2624094.7/35

0.020+/-0.000 χ^2/NDF : 1436165.0/18

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.300+/-0.000 χ^2/NDF : 5165052137.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.360+/-0.000 χ^2/NDF : 5255105587.1/18

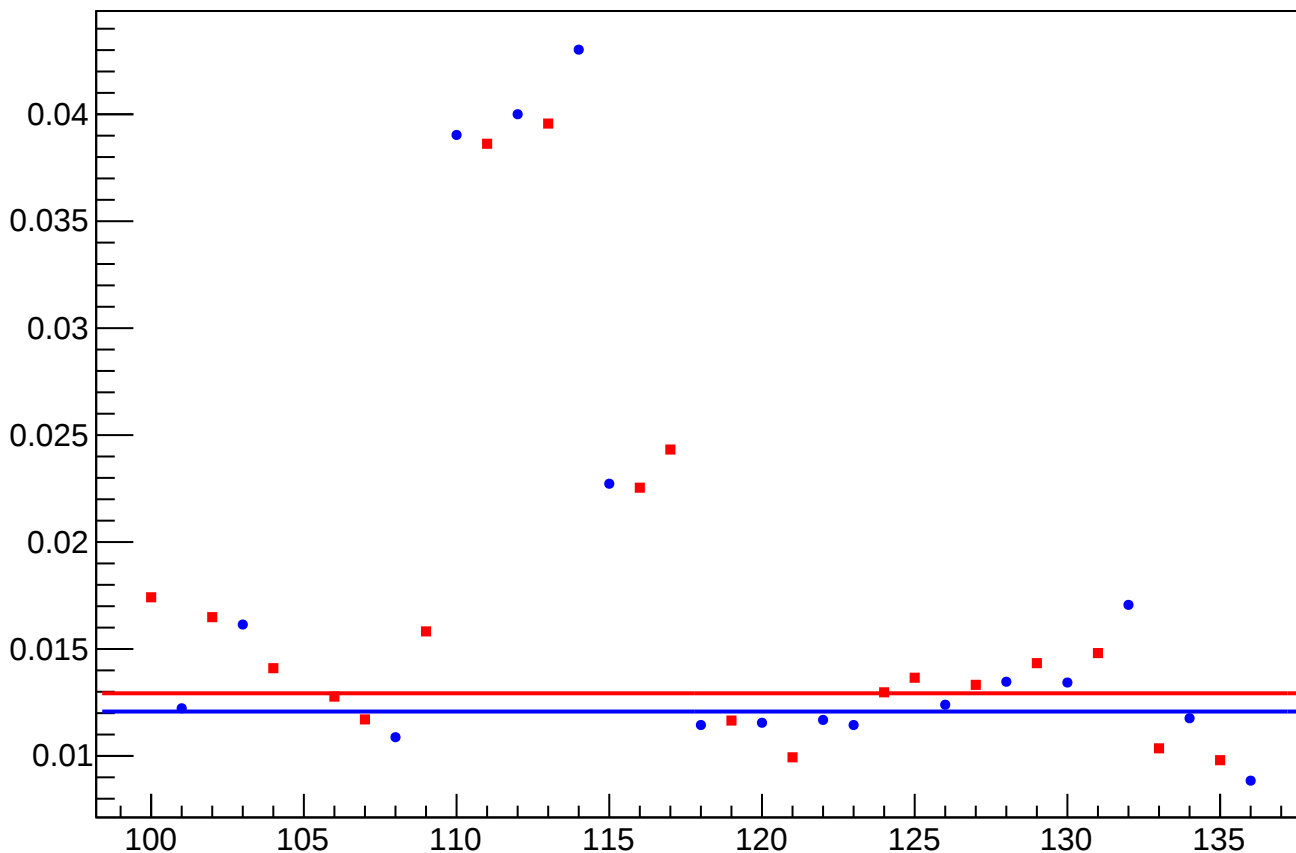
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.300+/-0.000 χ^2/NDF : 5165052137.6/16

0.328+/-0.000 χ^2/NDF : 10487410391.6/3

0.360+/-0.000 χ^2/NDF : 5255105587.1/18

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1282097.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1177738.7/18

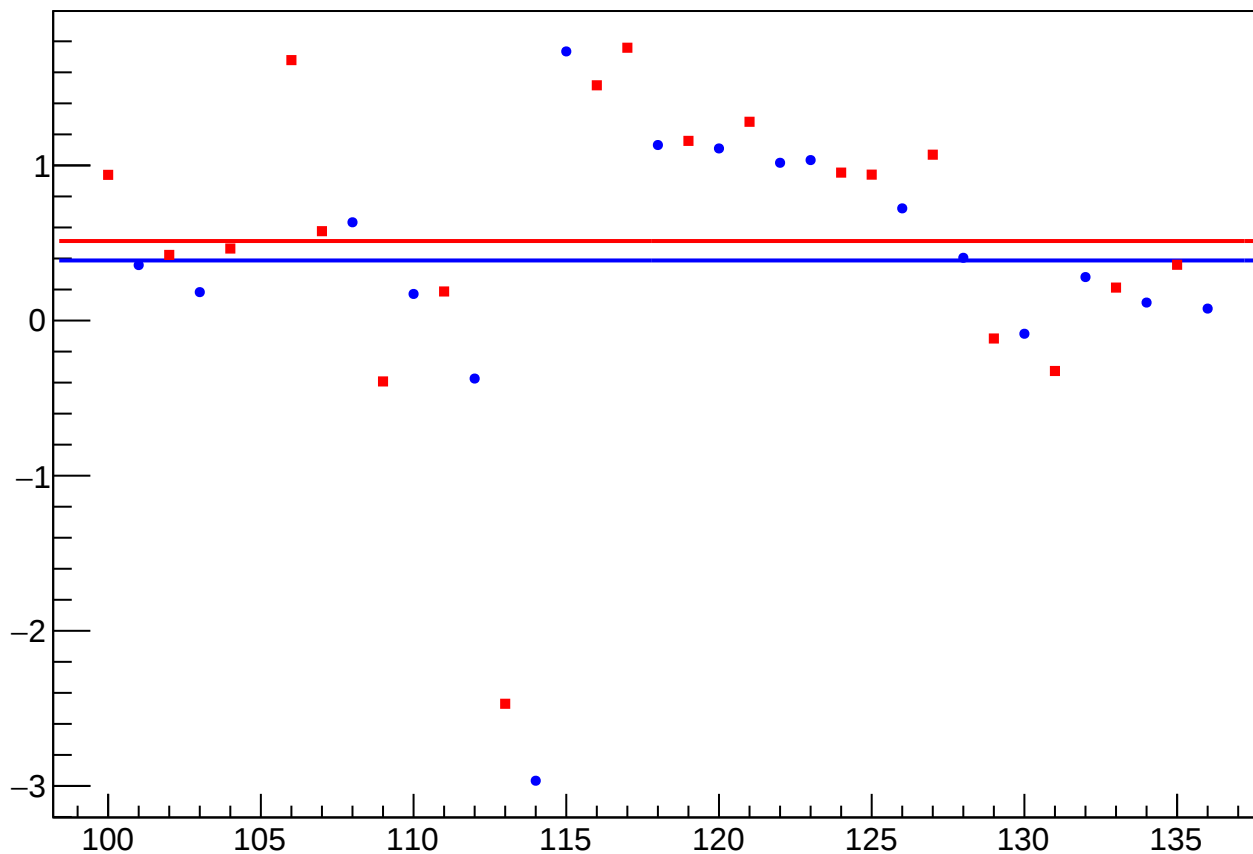
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1282097.7/16

0.012+/-0.000 χ^2/NDF : 2486490.9/35

0.013+/-0.000 χ^2/NDF : 1177738.7/18

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387+/-0.000 χ^2/NDF : 247912593.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.513+/-0.000 χ^2/NDF : 993396169.4/18

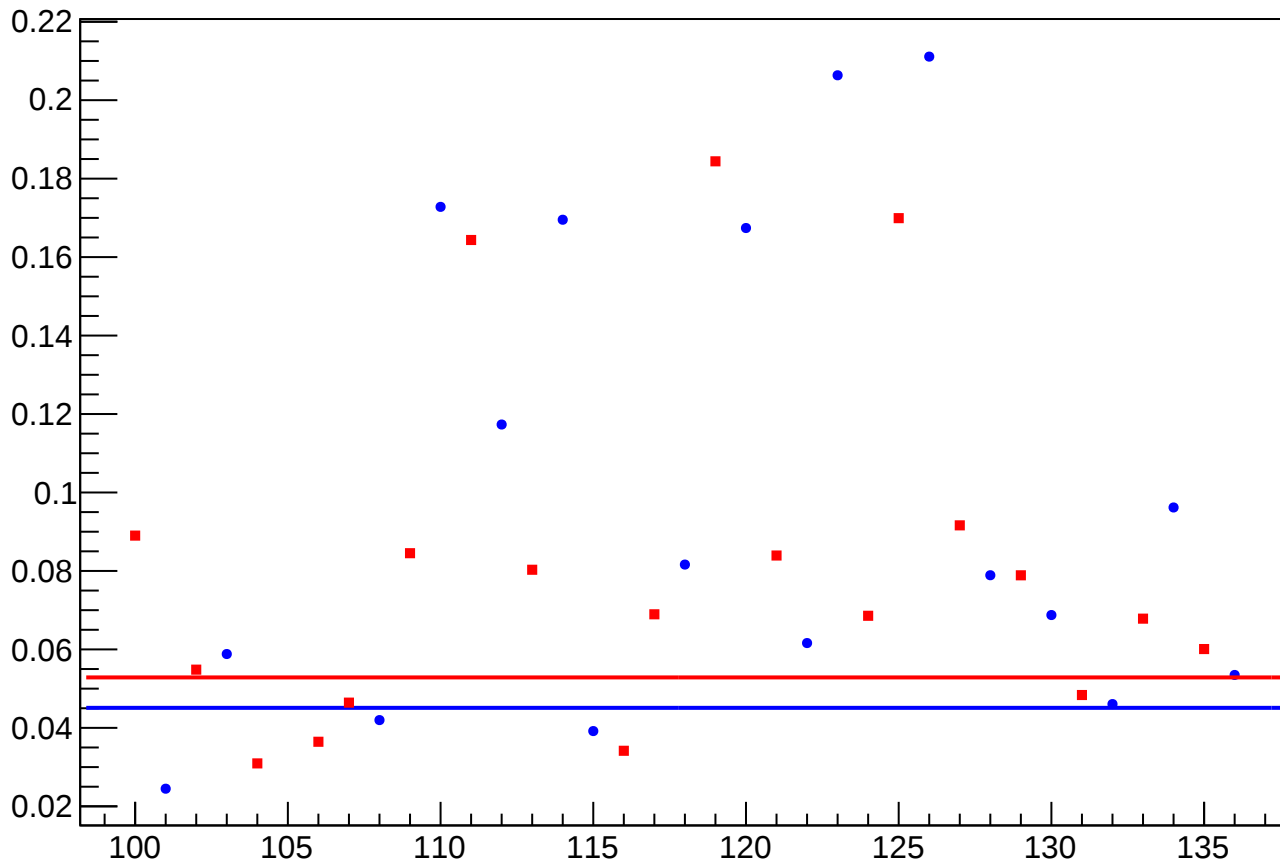
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.387+/-0.000 χ^2/NDF : 247912593.5/16

0.444+/-0.000 χ^2/NDF : 1253800343.1/35

0.513+/-0.000 χ^2/NDF : 993396169.4/18

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2846218.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 2191707.8/18

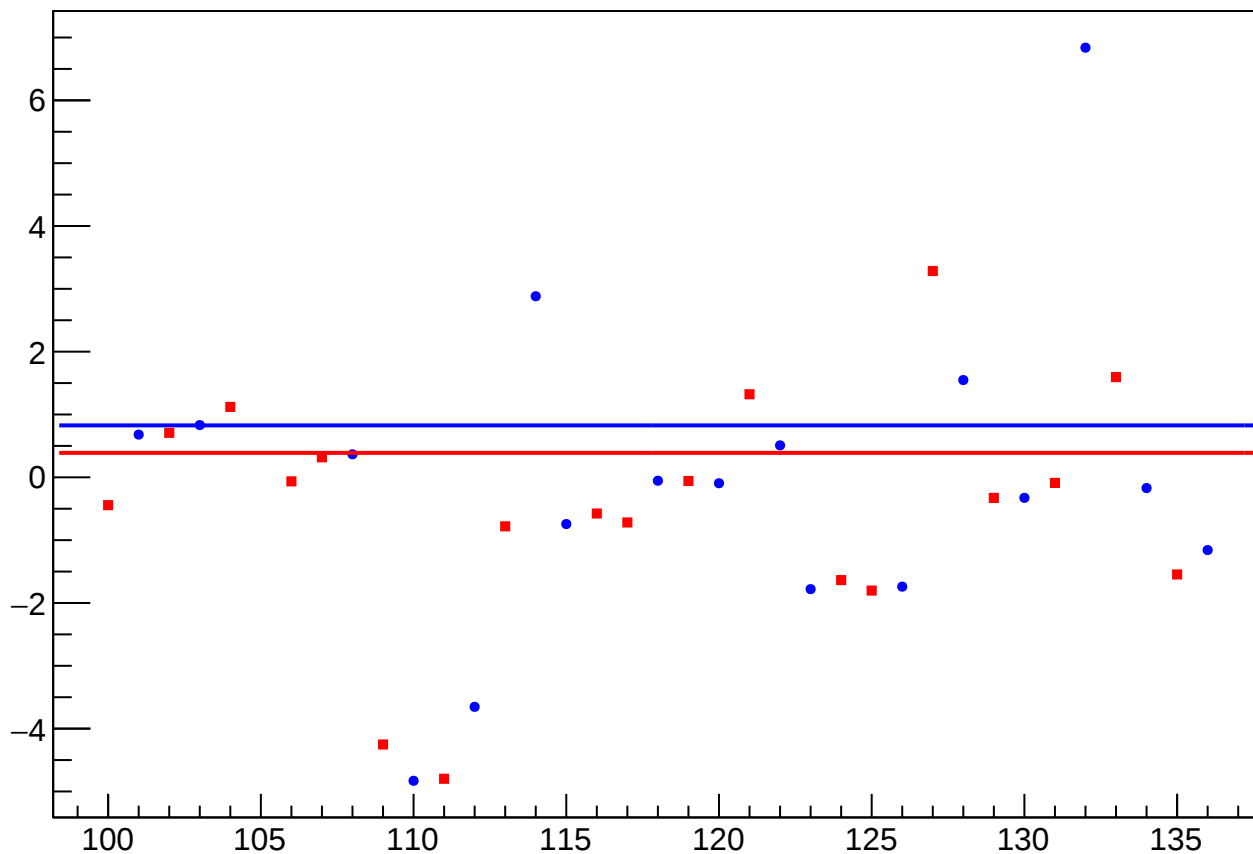
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.045+/-0.000 χ^2/NDF : 2846218.9/16

0.049+/-0.000 χ^2/NDF : 5133629.1/35

0.053+/-0.000 χ^2/NDF : 2191707.8/18

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.827+/-0.000 χ^2/NDF : 10936458870.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.389+/-0.000 χ^2/NDF : 4860384446.4/18

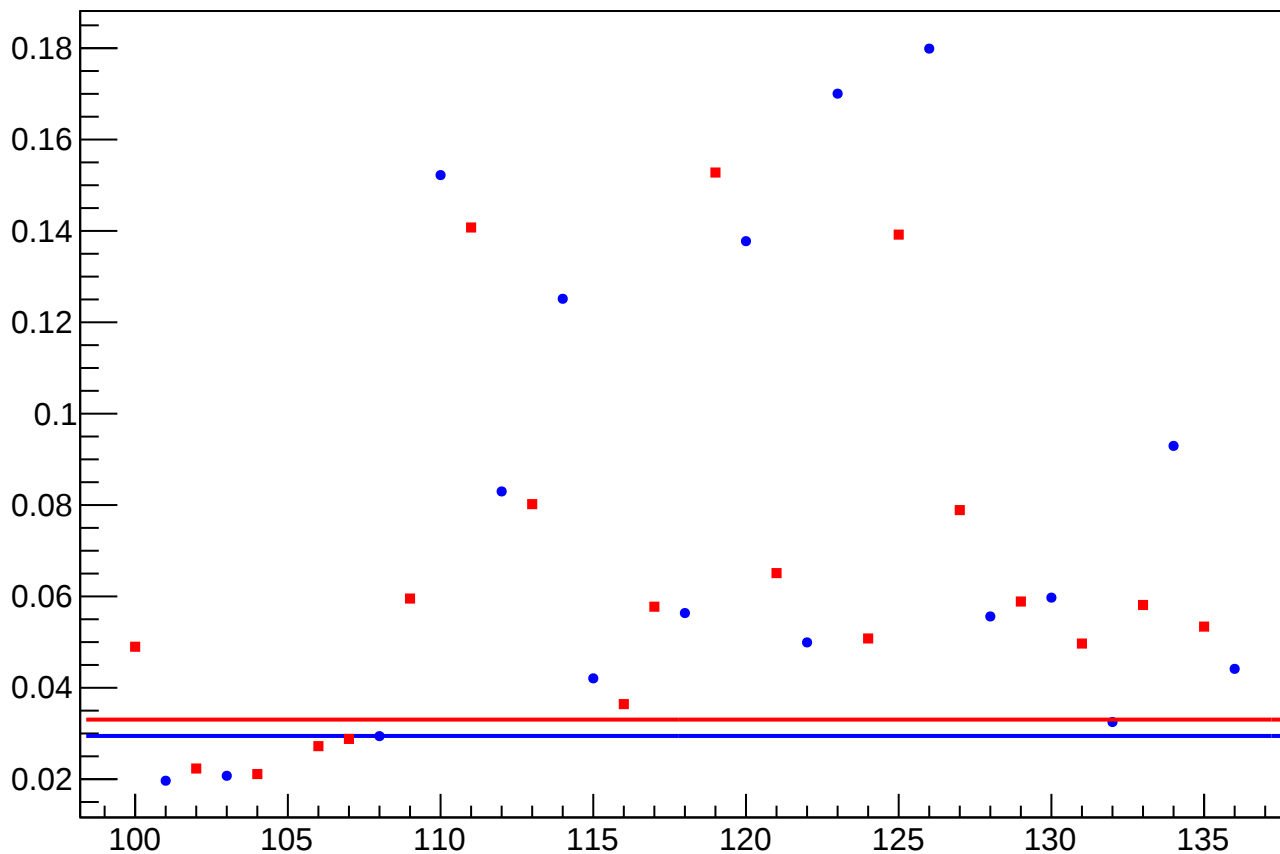
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.827+/-0.000 χ^2/NDF : 10936458870.4/16

0.622+/-0.000 χ^2/NDF : 16149414718.9/3

0.389+/-0.000 χ^2/NDF : 4860384446.4/18

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3089355.1/18

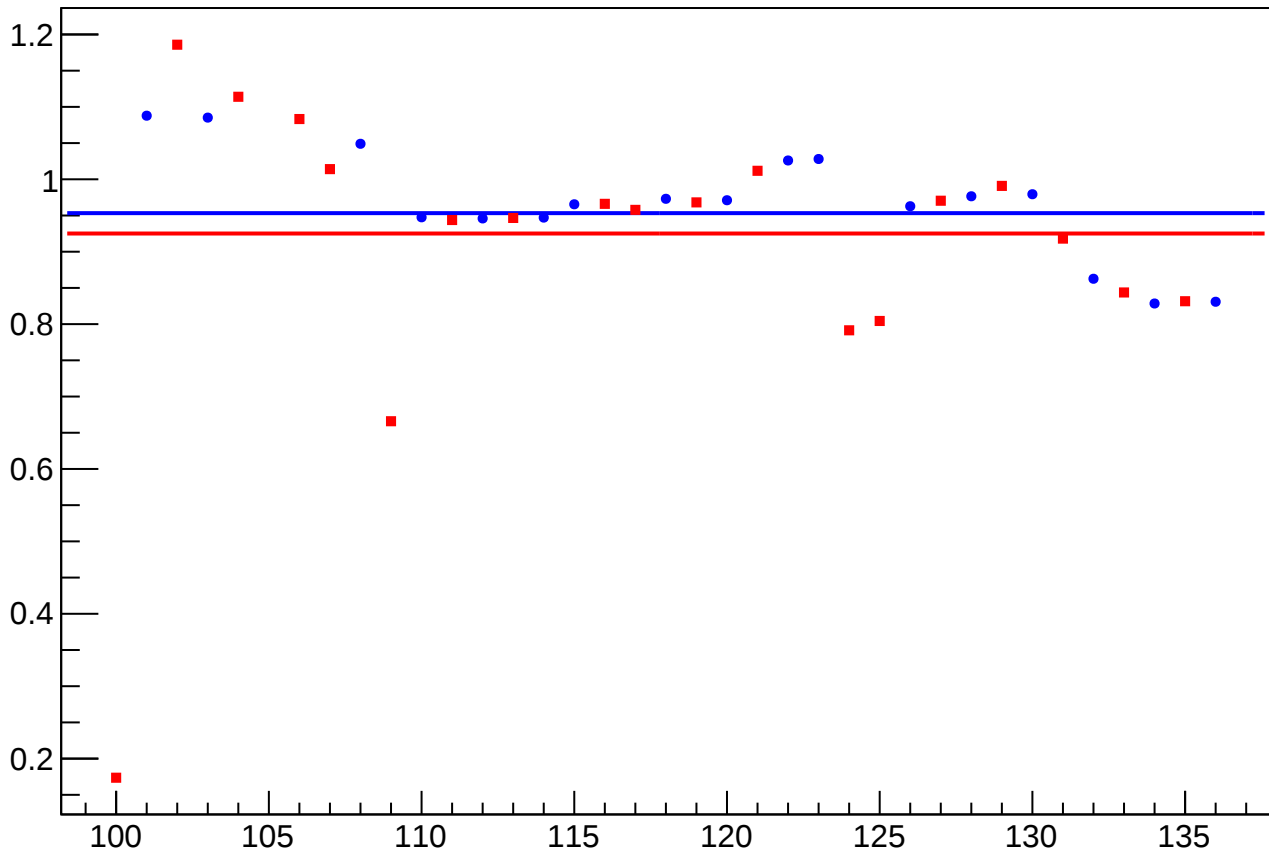
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 3053519.6/16

0.031+/-0.000 χ^2/NDF : 6190118.2/35

0.033+/-0.000 χ^2/NDF : 3089355.1/18

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.000 χ^2/NDF : 175396553.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.925+/-0.000 χ^2/NDF : 364031230.7/18

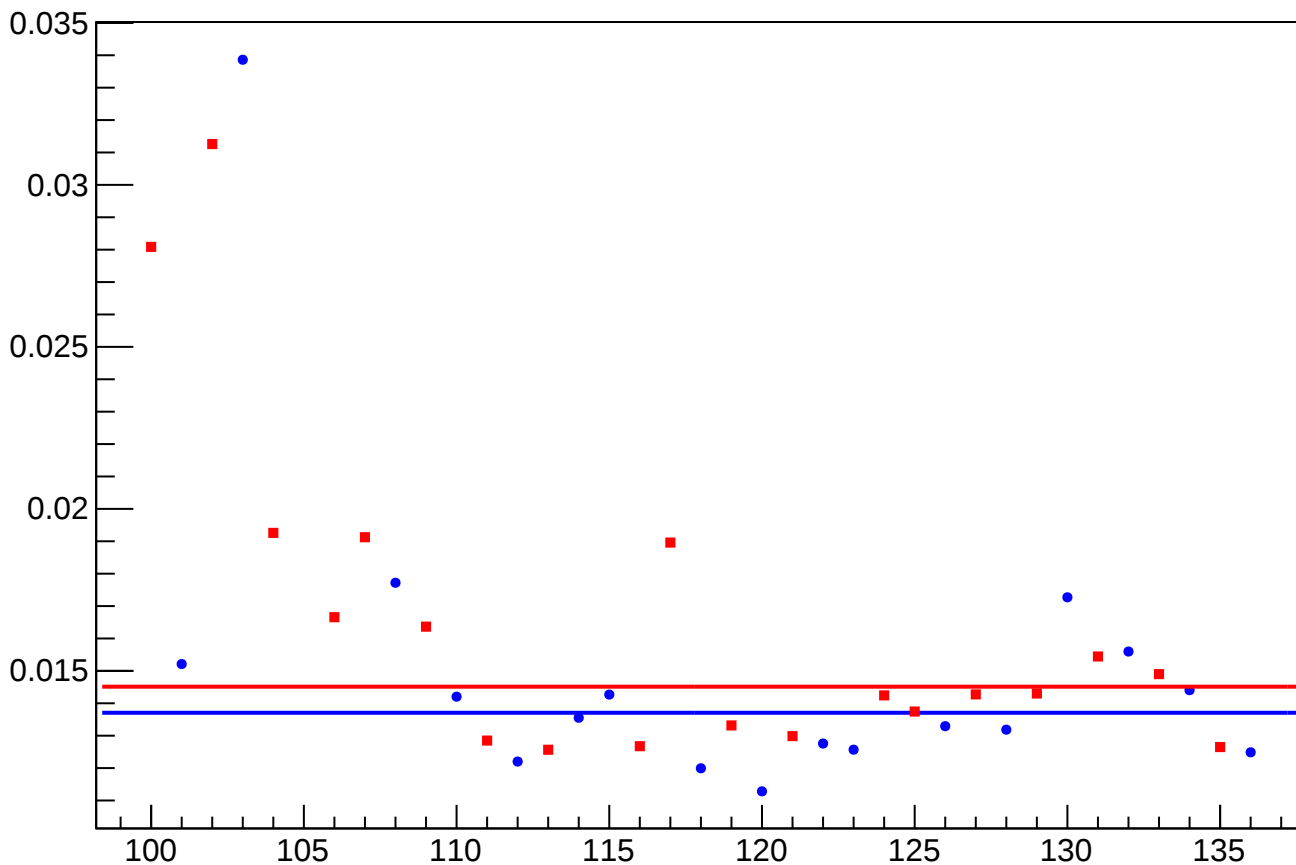
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.953+/-0.000 χ^2/NDF : 175396553.4/16

0.940+/-0.000 χ^2/NDF : 551120658.7/35

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 : 546317.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 494757.8/18

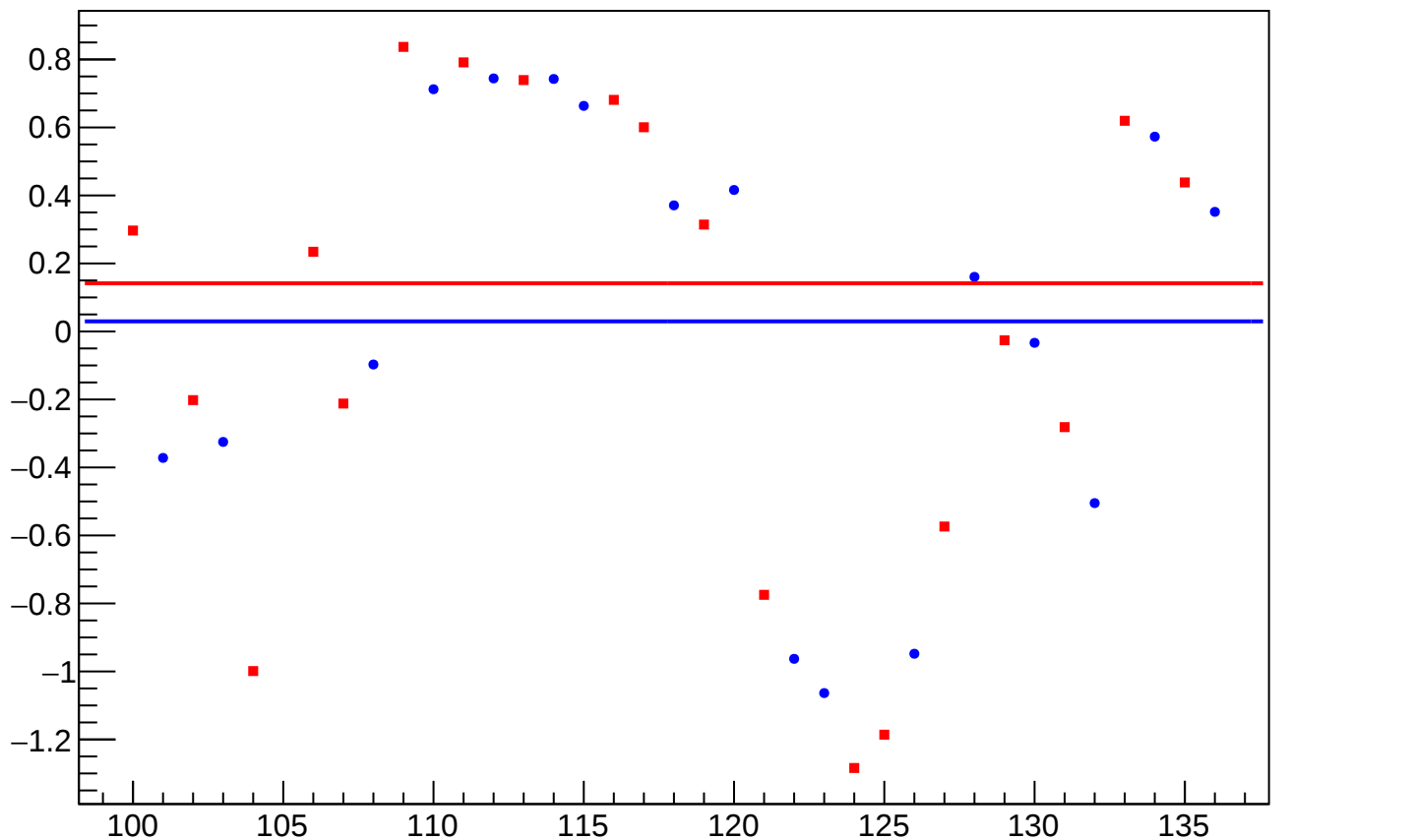
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 546317.6/16

0.014+/-0.000 χ^2/NDF : 1060219.4/35

0.015+/-0.000 χ^2/NDF : 494757.8/18

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 6294824795.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.000 χ^2/NDF : 12615568290.4/18

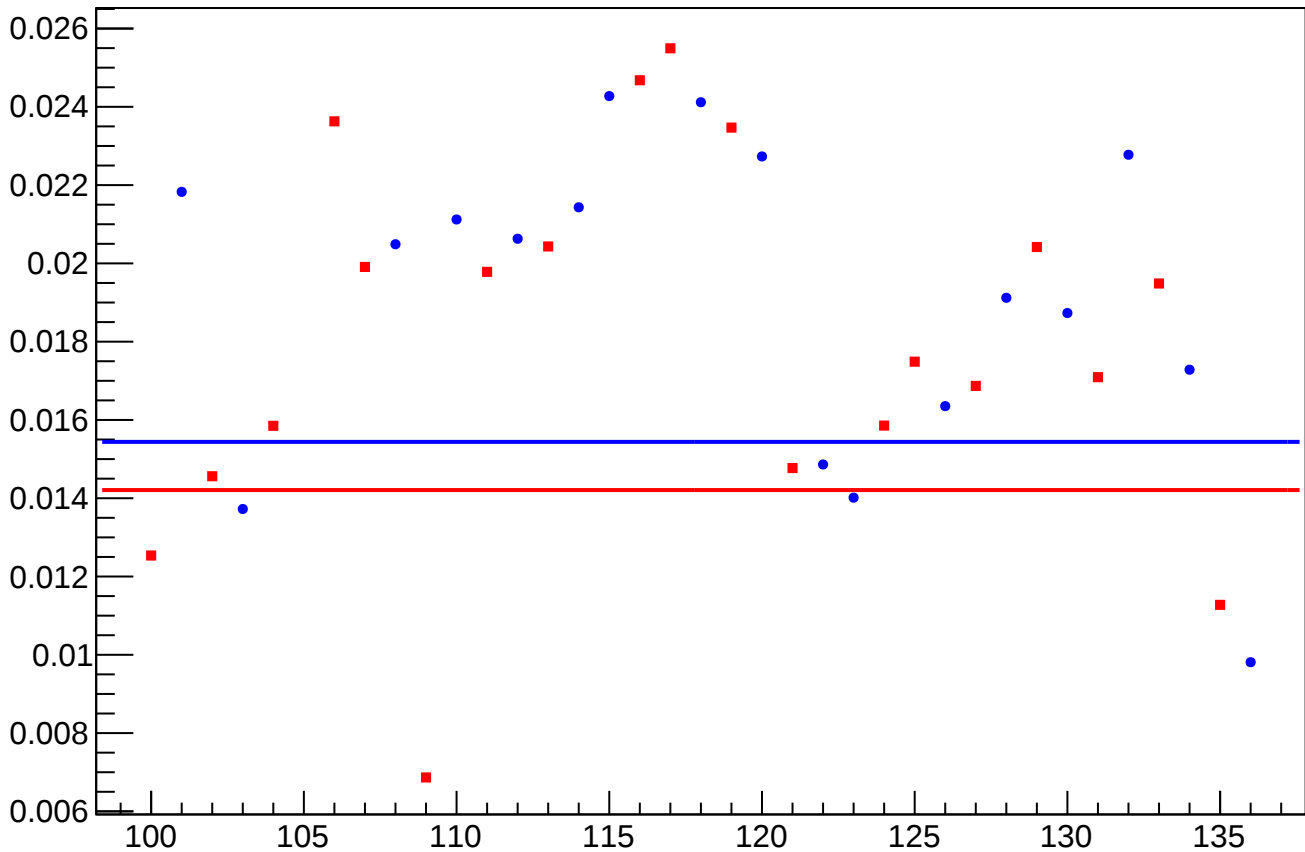
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 6294824795.0/16

0.089+/-0.000 χ^2/NDF : 19068890848.9/3

0.142+/-0.000 χ^2/NDF : 12615568290.4/18

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1535952.8/18

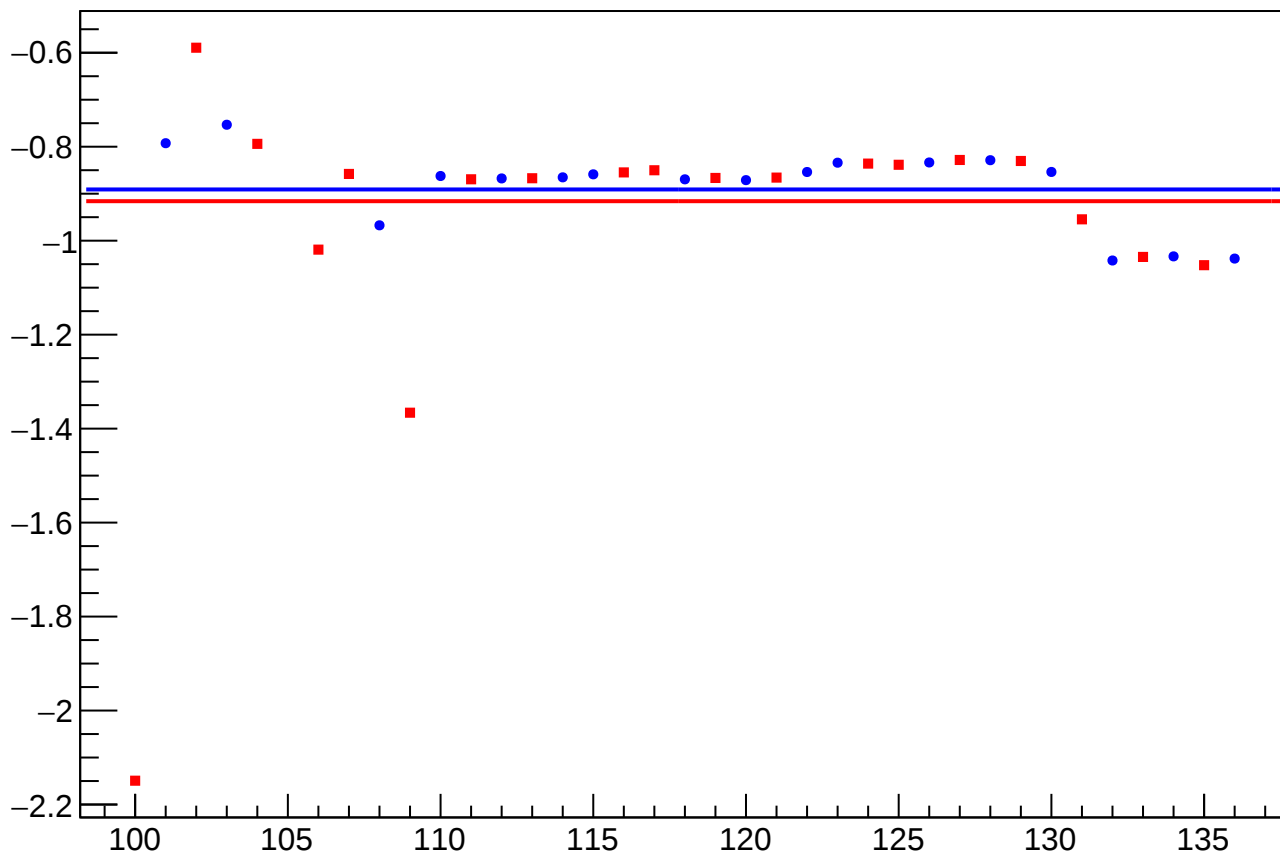
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1161852.5/16

0.015+/-0.000 χ^2/NDF : 2736155.7/35

0.014+/-0.000 χ^2/NDF : 1535952.8/18

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.891+/-0.000 χ^2/NDF : 39578323.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.916+/-0.000 χ^2/NDF : 128360647.9/18

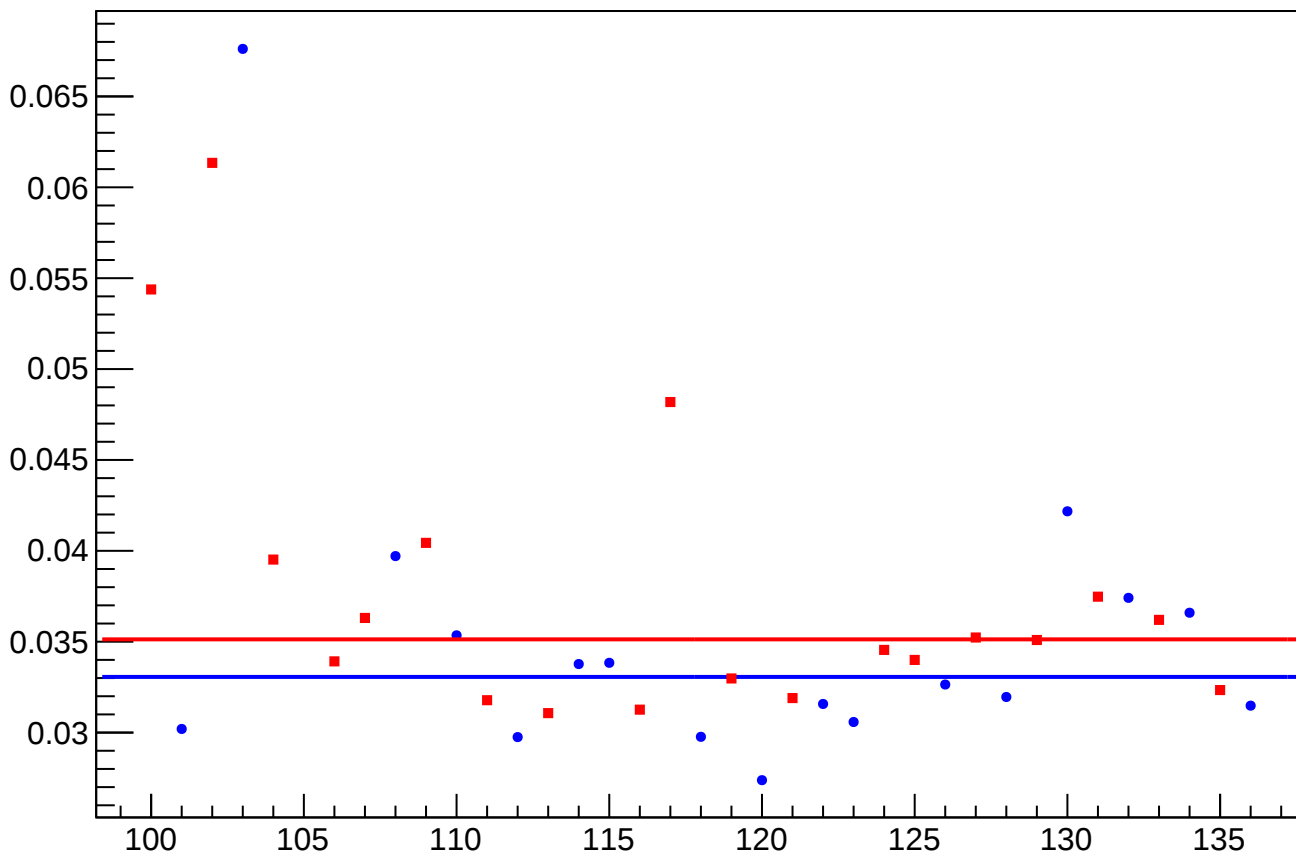
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.891+/-0.000 χ^2/NDF : 39578323.2/16

-0.903+/-0.000 χ^2/NDF : 169533631.6/35

-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 : 409286.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 272262.8/18

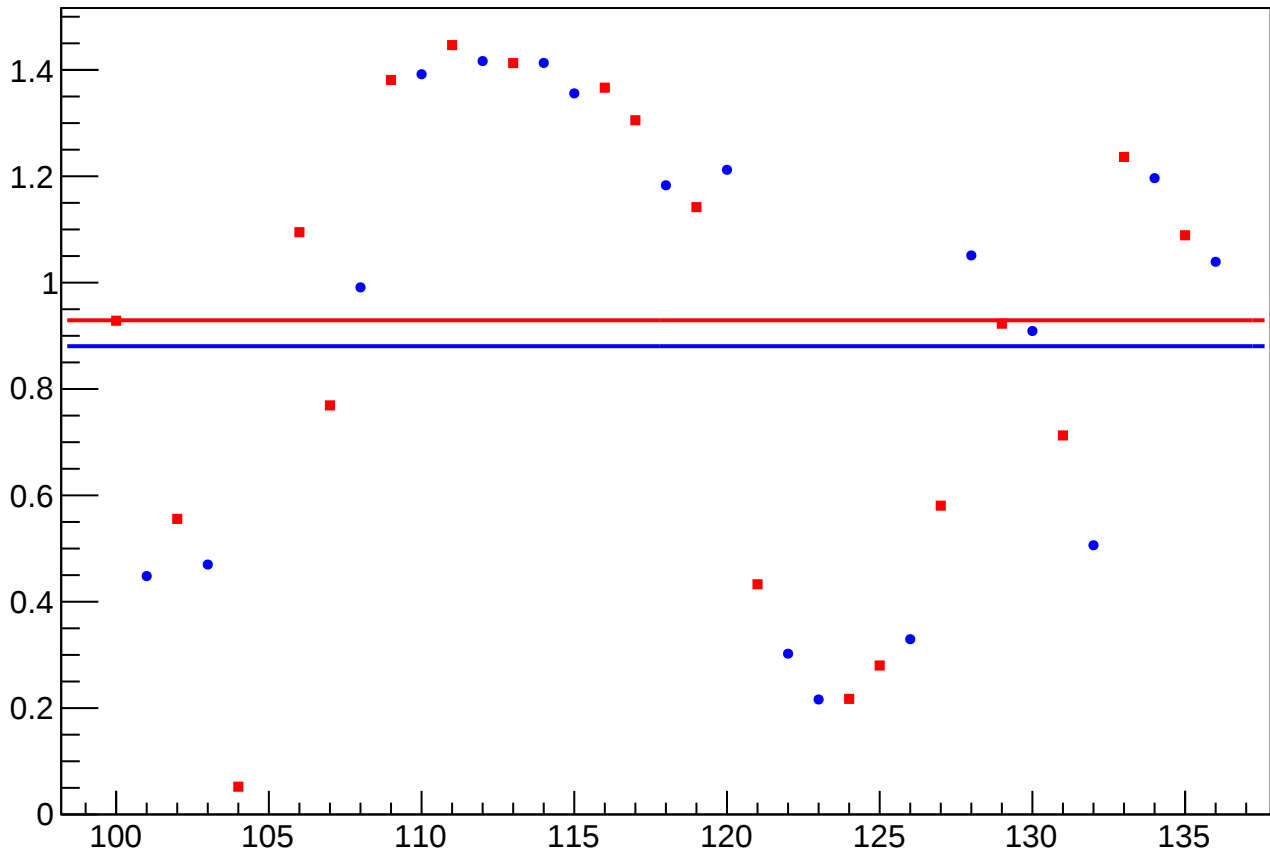
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 409286.7/16

0.034+/-0.000 χ^2/NDF : 703387.9/35

0.035+/-0.000 χ^2/NDF : 272262.8/18

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.880+/-0.000 χ^2/NDF : 6400108121.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.929+/-0.000 χ^2/NDF : 9815324489.4/18

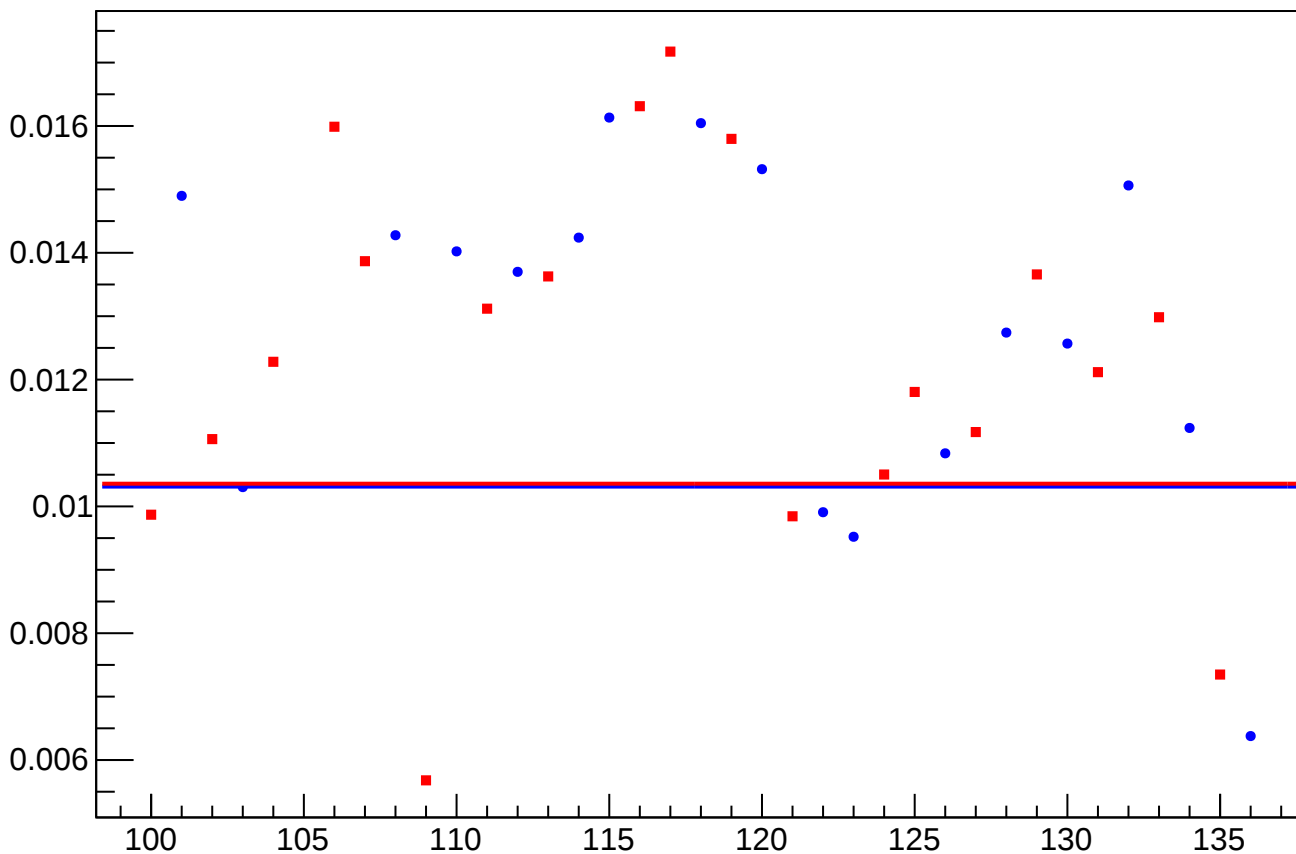
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.880+/-0.000 χ^2/NDF : 6400108121.4/16

0.905+/-0.000 χ^2/NDF : 16278441121.2/3

0.929+/-0.000 χ^2/NDF : 9815324489.4/18

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1231066.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1102452.2/18

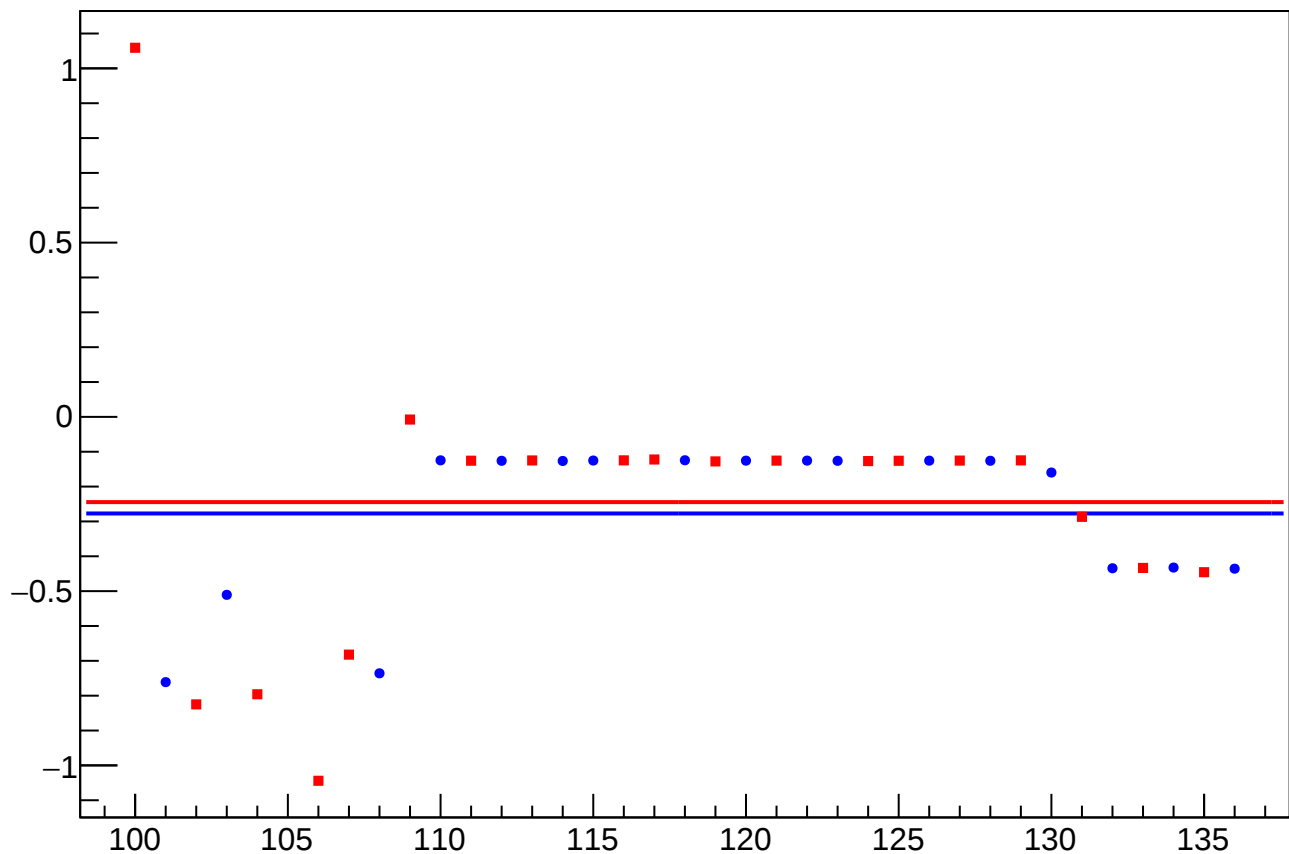
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 1231066.2/16

0.010+/-0.000 χ^2/NDF : 2333627.9/35

0.010+/-0.000 χ^2/NDF : 1102452.2/18

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.277+/-0.000 χ^2/NDF : 940562986.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.000 χ^2/NDF : 914978663.2/18

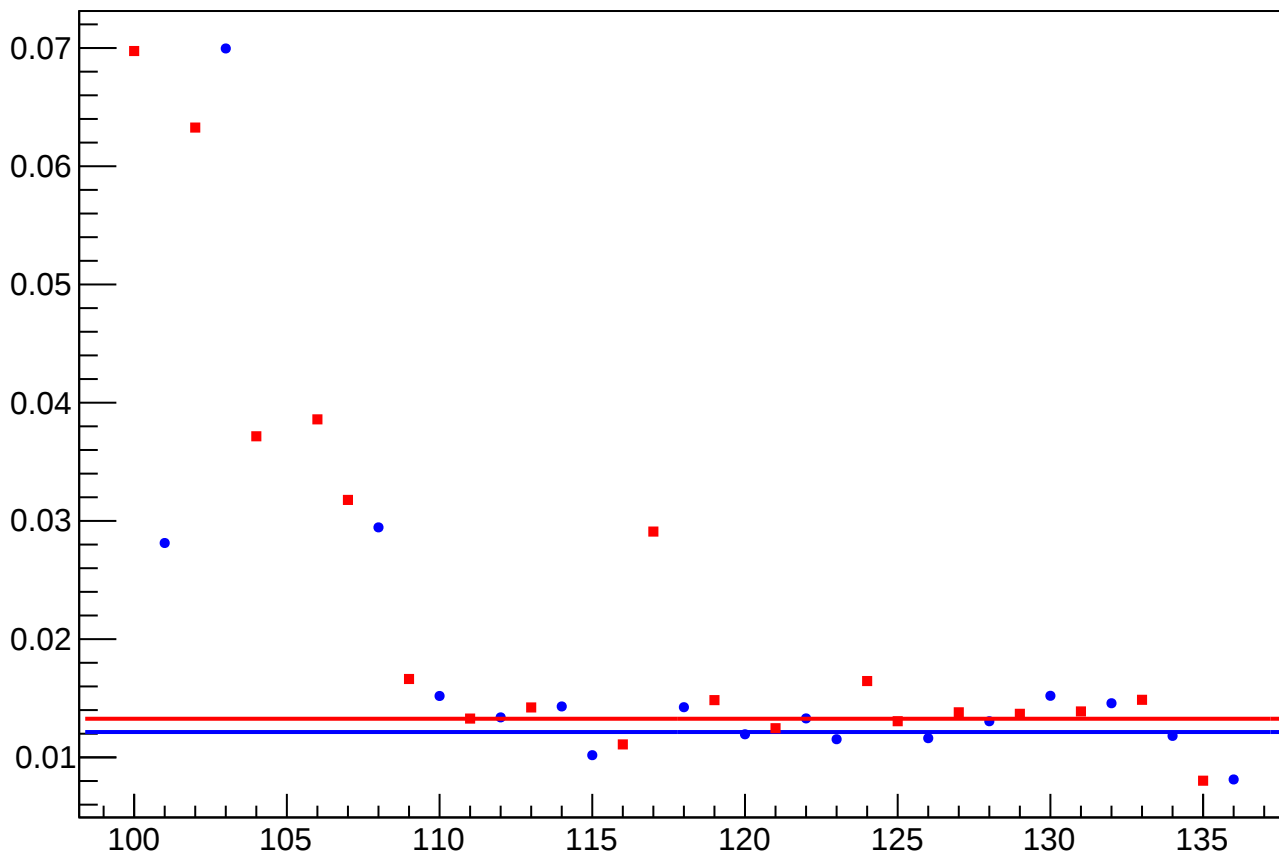
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.277+/-0.000 χ^2/NDF : 940562986.7/16

-0.262+/-0.000 χ^2/NDF : 1871159979.5/3

-0.245+/-0.000 χ^2/NDF : 914978663.2/18

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1727494.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1842480.9/18

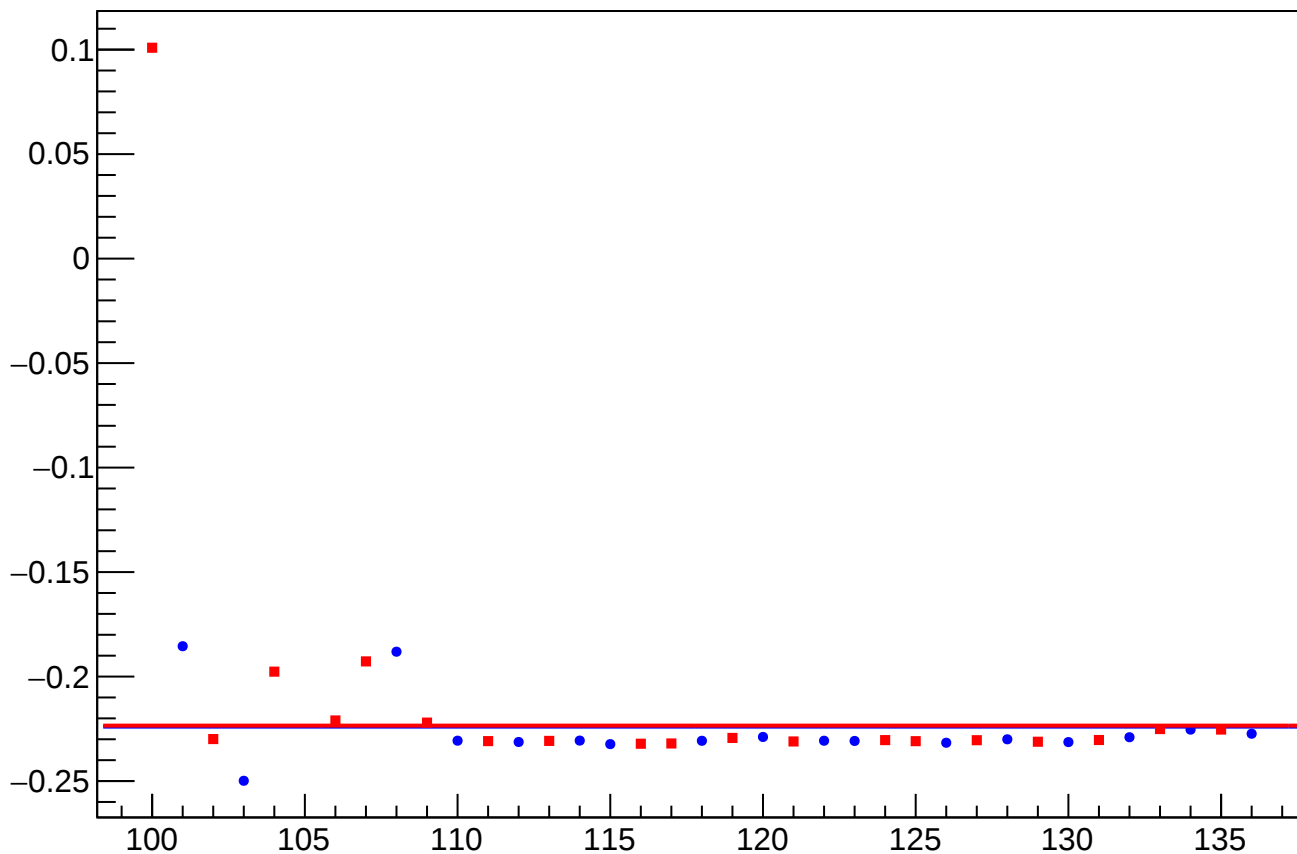
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1727494.7/16

0.013+/-0.000 χ^2/NDF : 3607049.8/35

0.013+/-0.000 χ^2/NDF : 1842480.9/18

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74704721.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 168123188.3/18

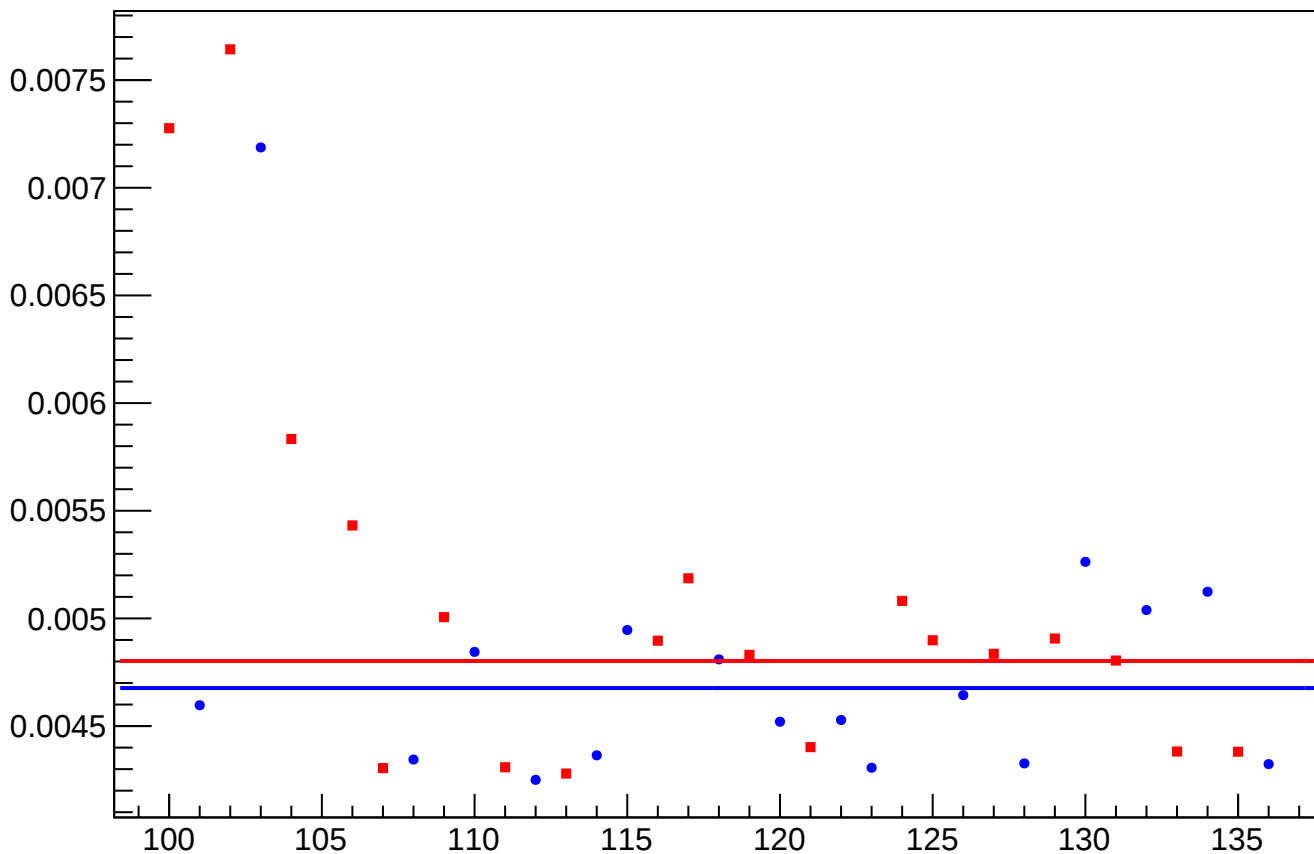
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.224+/-0.000 χ^2/NDF : 74704721.6/16

-0.224+/-0.000 χ^2/NDF : 242858422.8/35

-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 : 181335.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 245407.4/18

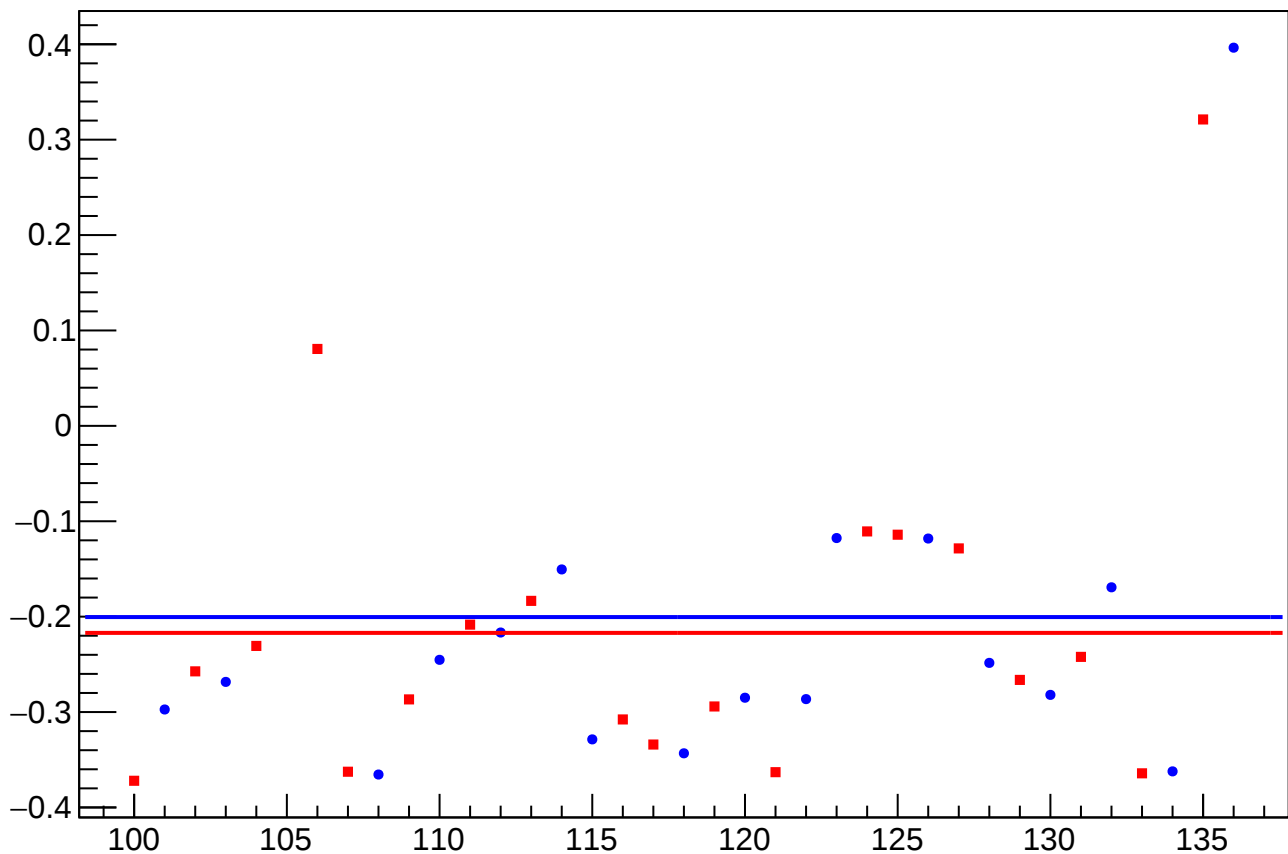
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 181335.1/16

0.005+/-0.000 χ^2/NDF : 431062.5/35

0.005+/-0.000 χ^2/NDF : 245407.4/18

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 5973556486.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.000 χ^2/NDF : 3715830920.6/18

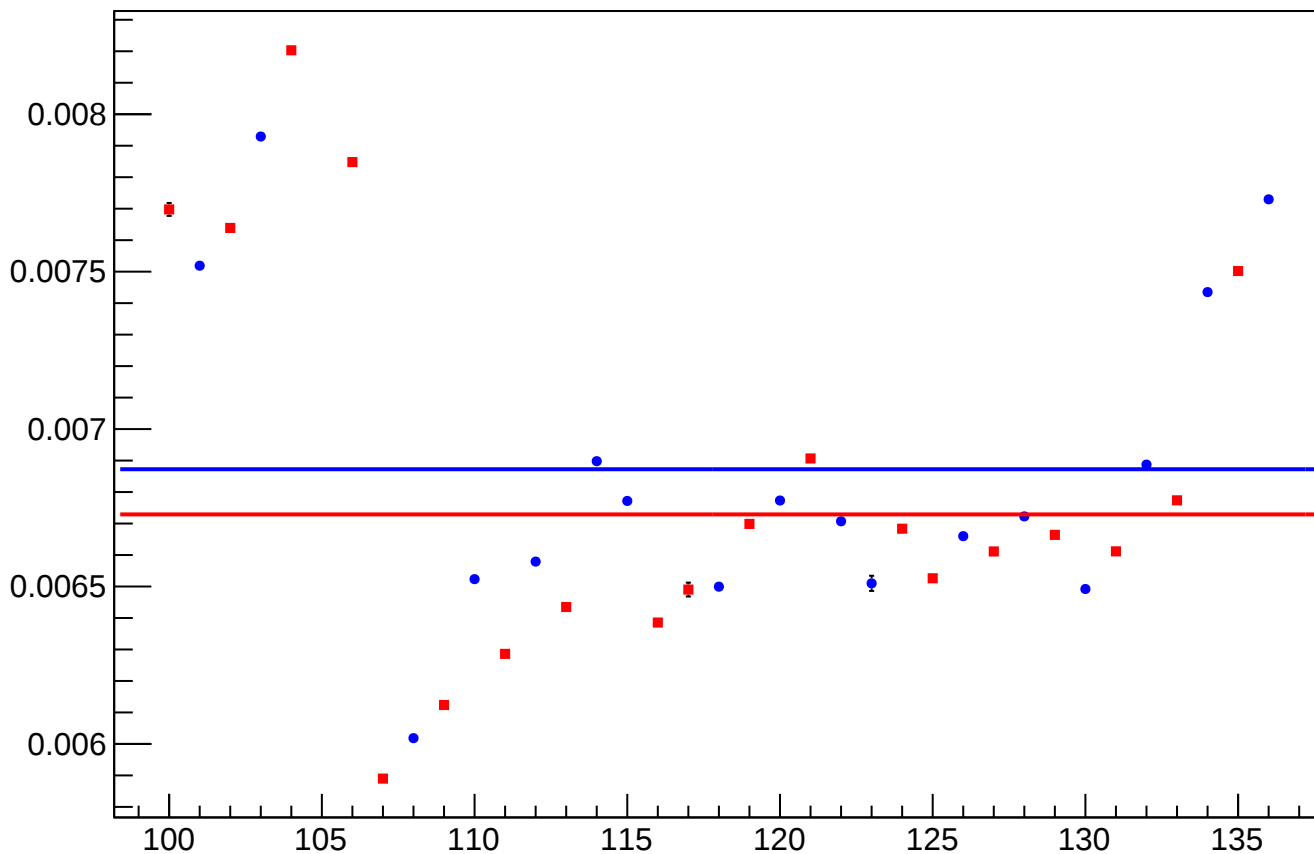
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.200+/-0.000 χ^2/NDF : 5973556486.0/16

-0.209+/-0.000 χ^2/NDF : 9709156094.8/3

-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 : 78611.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 99817.3/18

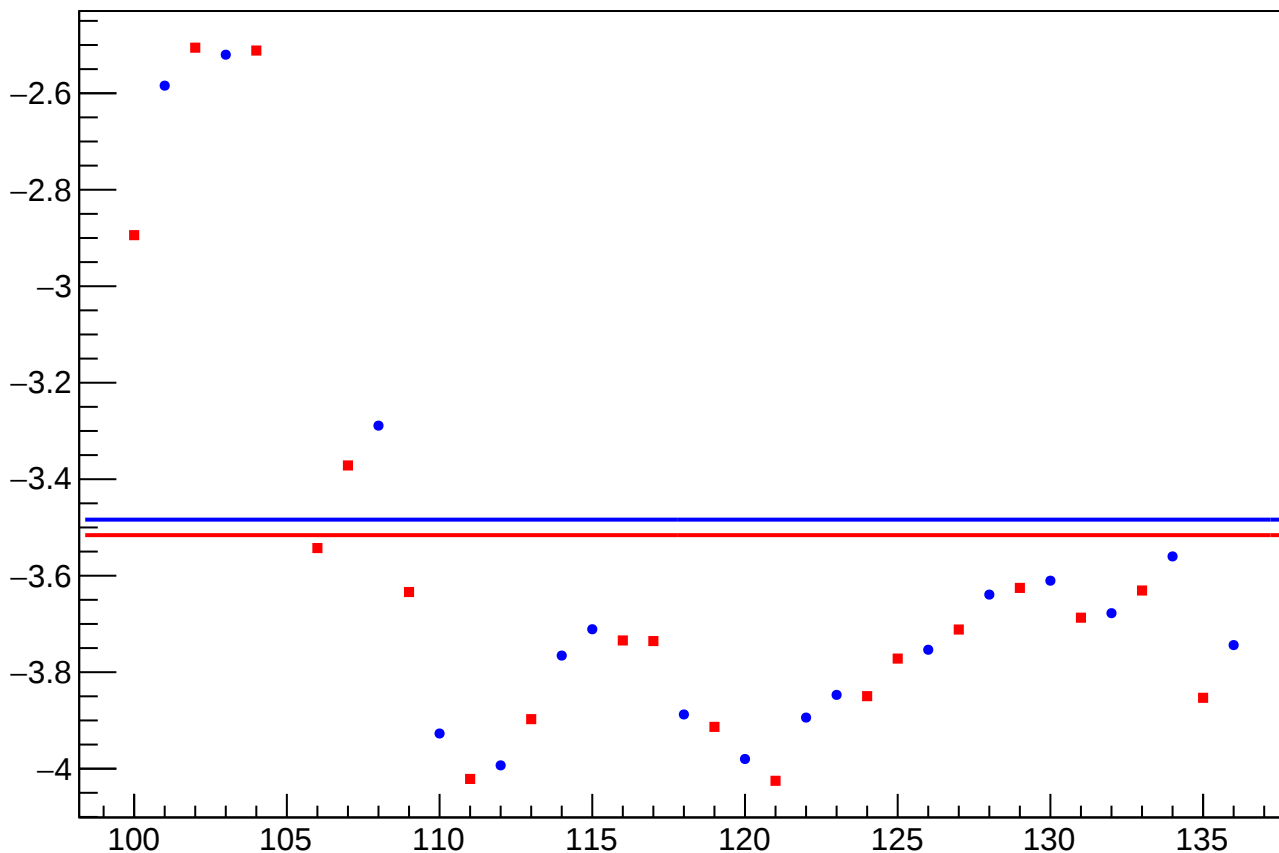
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 78611.6/16

0.007+/-0.000 χ^2/NDF : 181385.9/35

0.007+/-0.000 χ^2/NDF : 99817.3/18

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.484+/-0.000 χ^2/NDF : 27174302276.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.484+/-0.000 χ^2/NDF : 27174302276.9/16

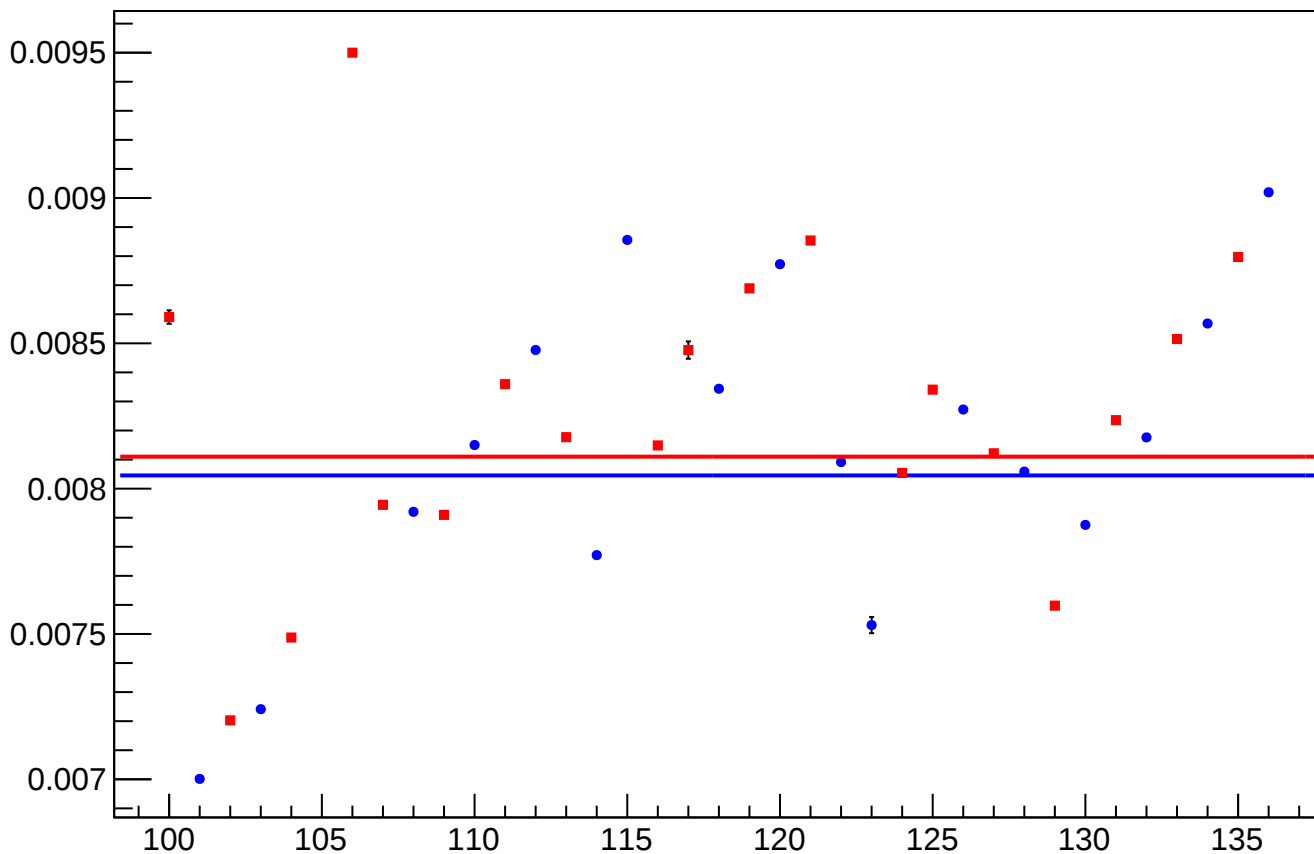
-3.500+/-0.000 χ^2/NDF : 53537143080.4/16

Right Out: -3.516+/-0.000 χ^2/NDF : 26310756641.9/18

-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 : 71989.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 53673.2/18

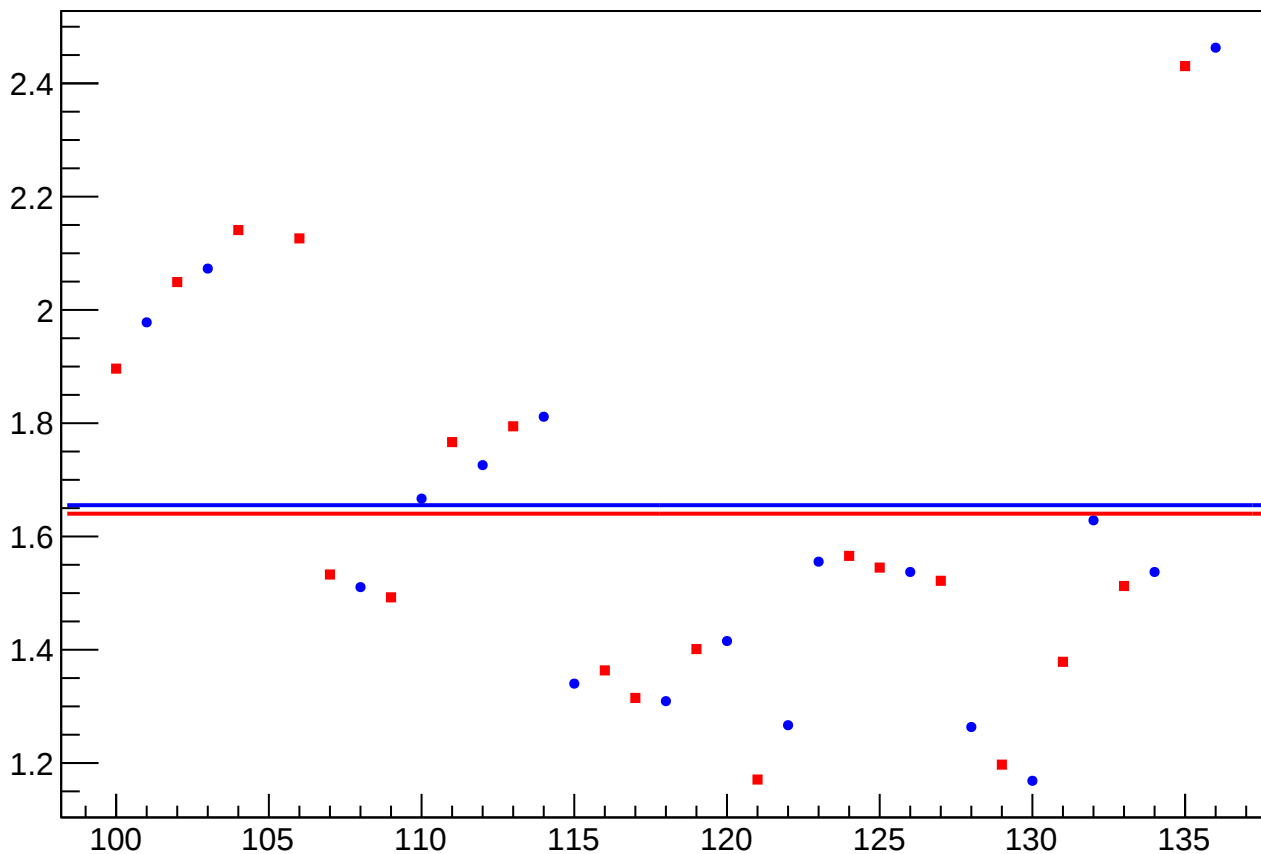
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 71989.8/16

0.008+/-0.000 χ^2/NDF : 126084.3/35

0.008+/-0.000 χ^2/NDF : 53673.2/18

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.655+/-0.000 χ^2/NDF : 6476474909.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.640+/-0.000 χ^2/NDF : 5172887233.3/18

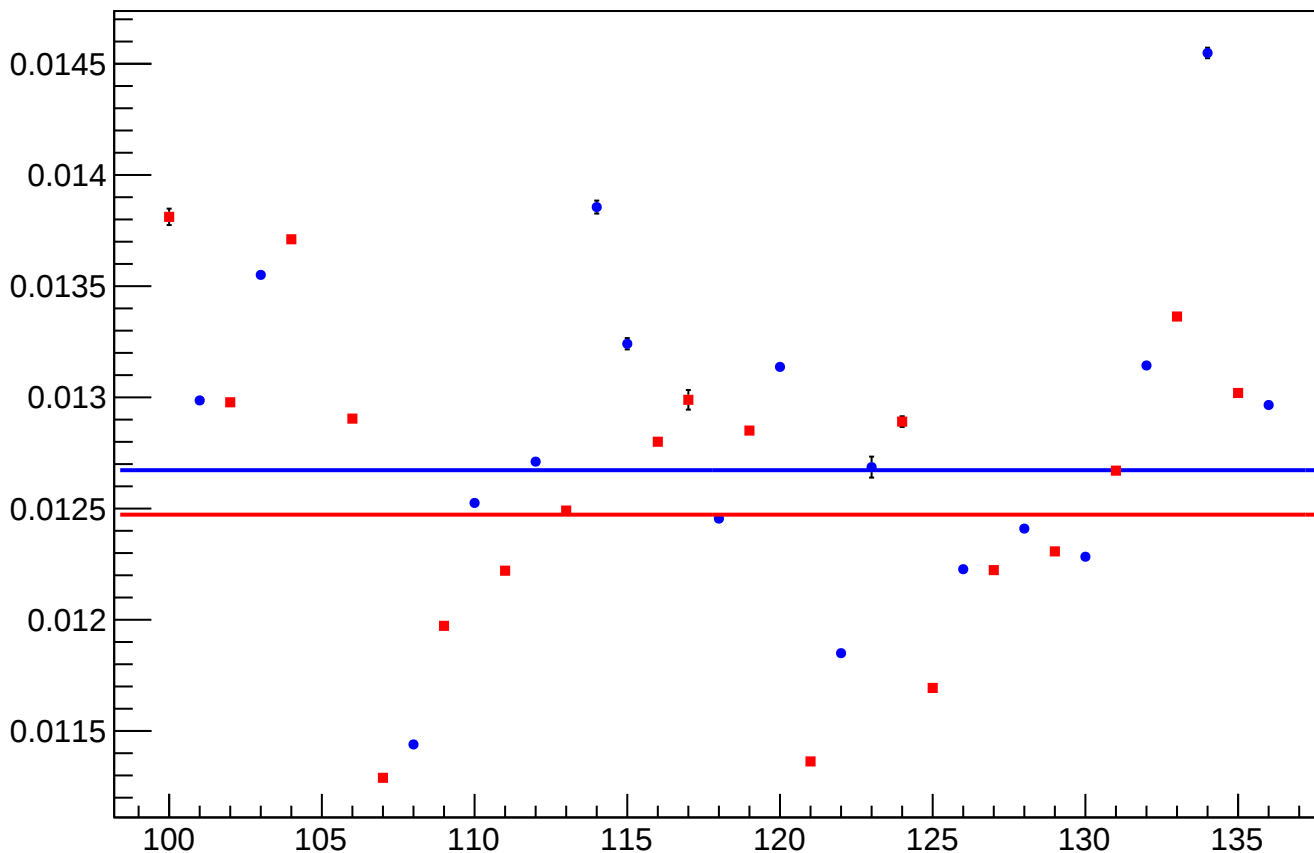
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.655+/-0.000 χ^2/NDF : 6476474909.3/16

1.648+/-0.000 χ^2/NDF : 11654101334.0/3

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 : 31801.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 39121.5/18

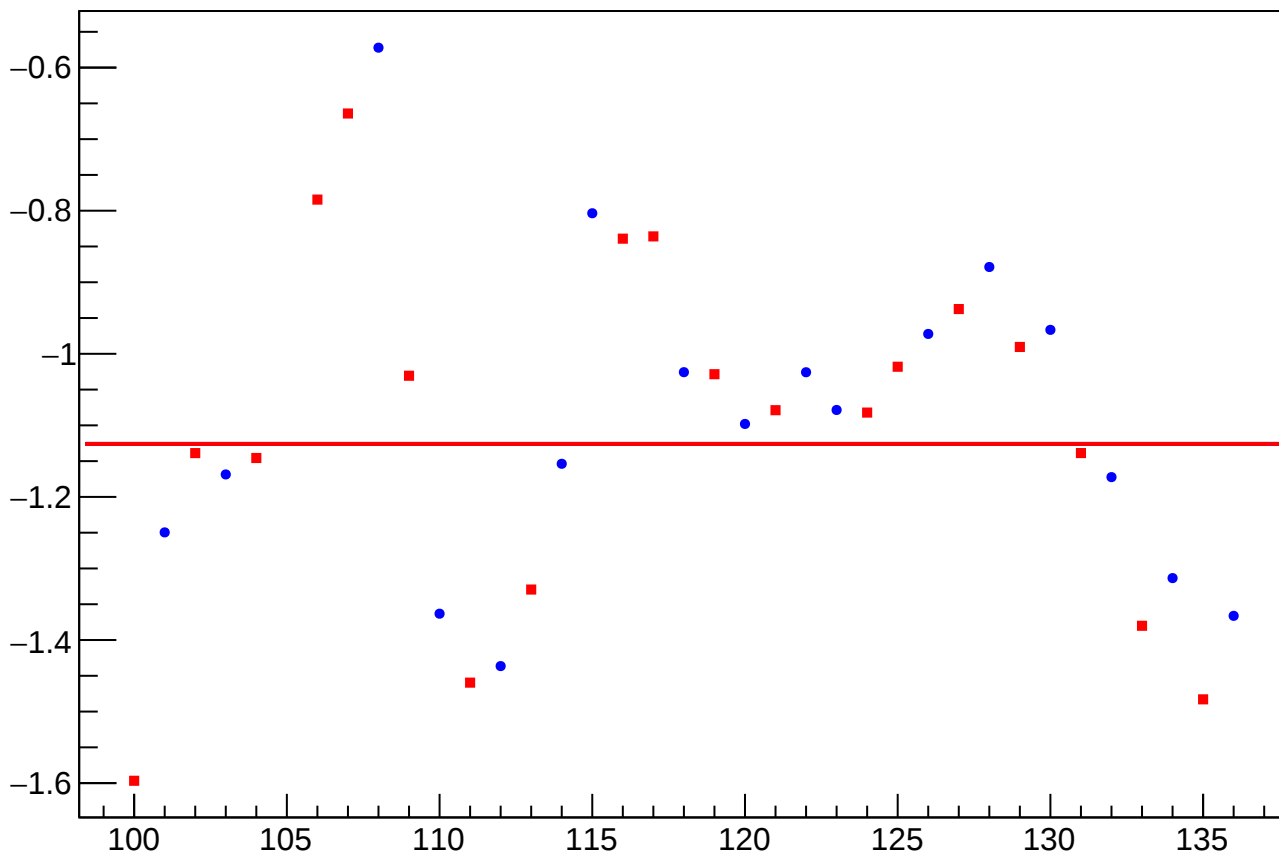
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 31801.3/16

0.013+/-0.000 χ^2/NDF : 72604.5/35

0.012+/-0.000 χ^2/NDF : 39121.5/18

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2/NDF : 3574776639.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.126+/-0.000 χ^2/NDF : 3529671801.1/18

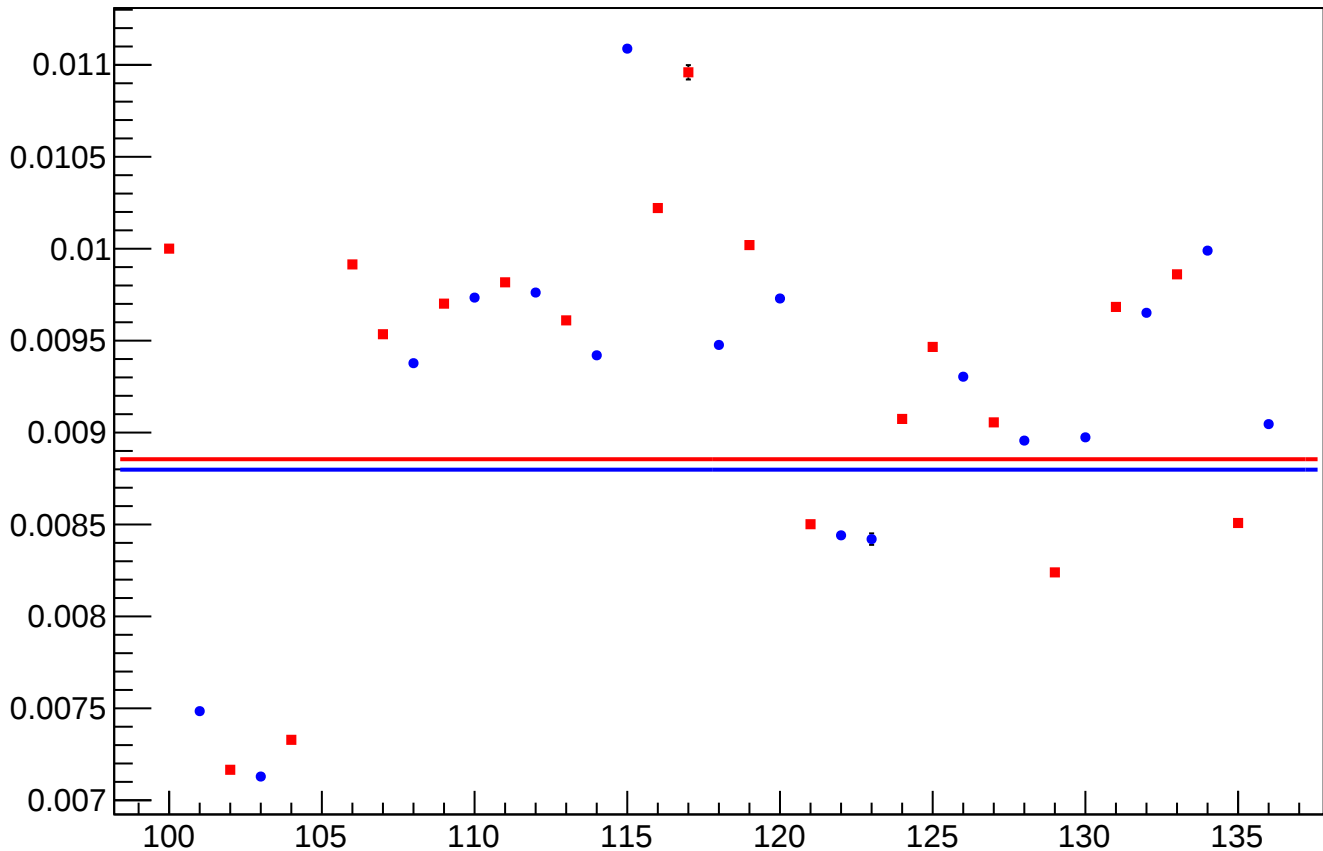
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.126+/-0.000 χ^2/NDF : 3574776639.2/16

-1.126+/-0.000 χ^2/NDF : 7104448442.2/35

-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 : 151586.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 176779.1/18

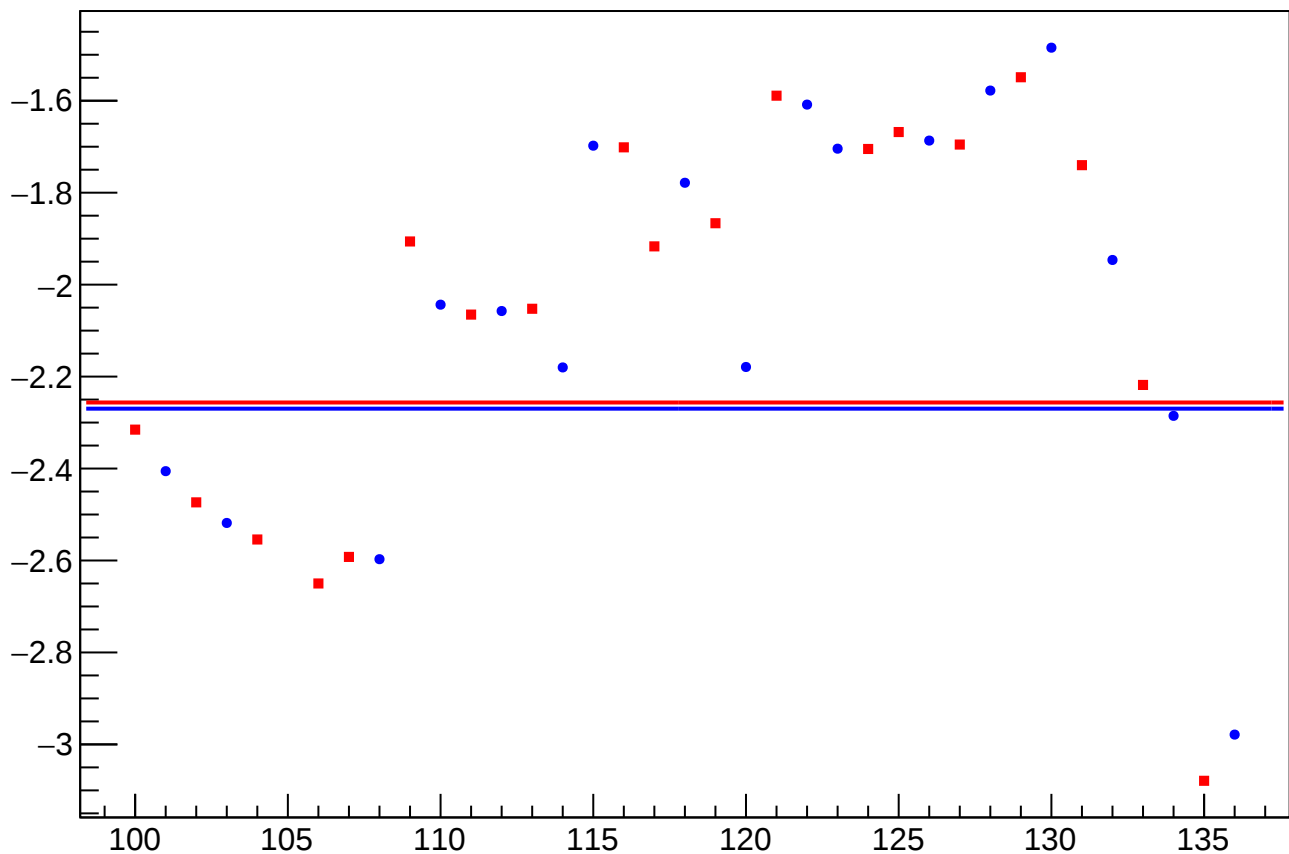
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 151586.8/16

0.009+/-0.000 χ^2/NDF : 328632.2/35

0.009+/-0.000 χ^2/NDF : 176779.1/18

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.270+/-0.000 χ^2/NDF : 17408567065.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.256+/-0.000 χ^2/NDF : 17996164949.9/18

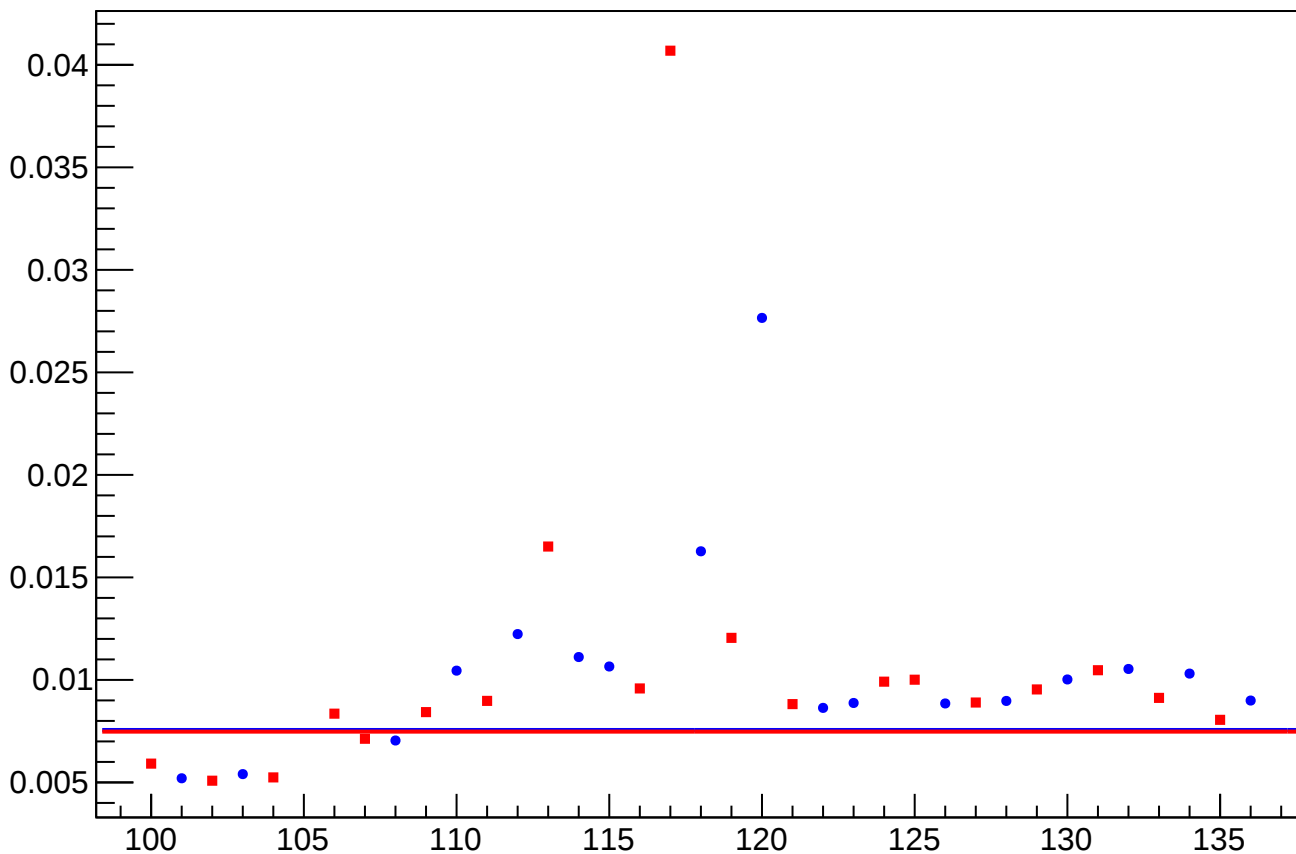
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.270+/-0.000 χ^2/NDF : 17408567065.9/16

-2.263+/-0.000 χ^2/NDF : 35413062084.6/3

-2.256+/-0.000 χ^2/NDF : 17996164949.9/18

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1221004.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 977707.8/18

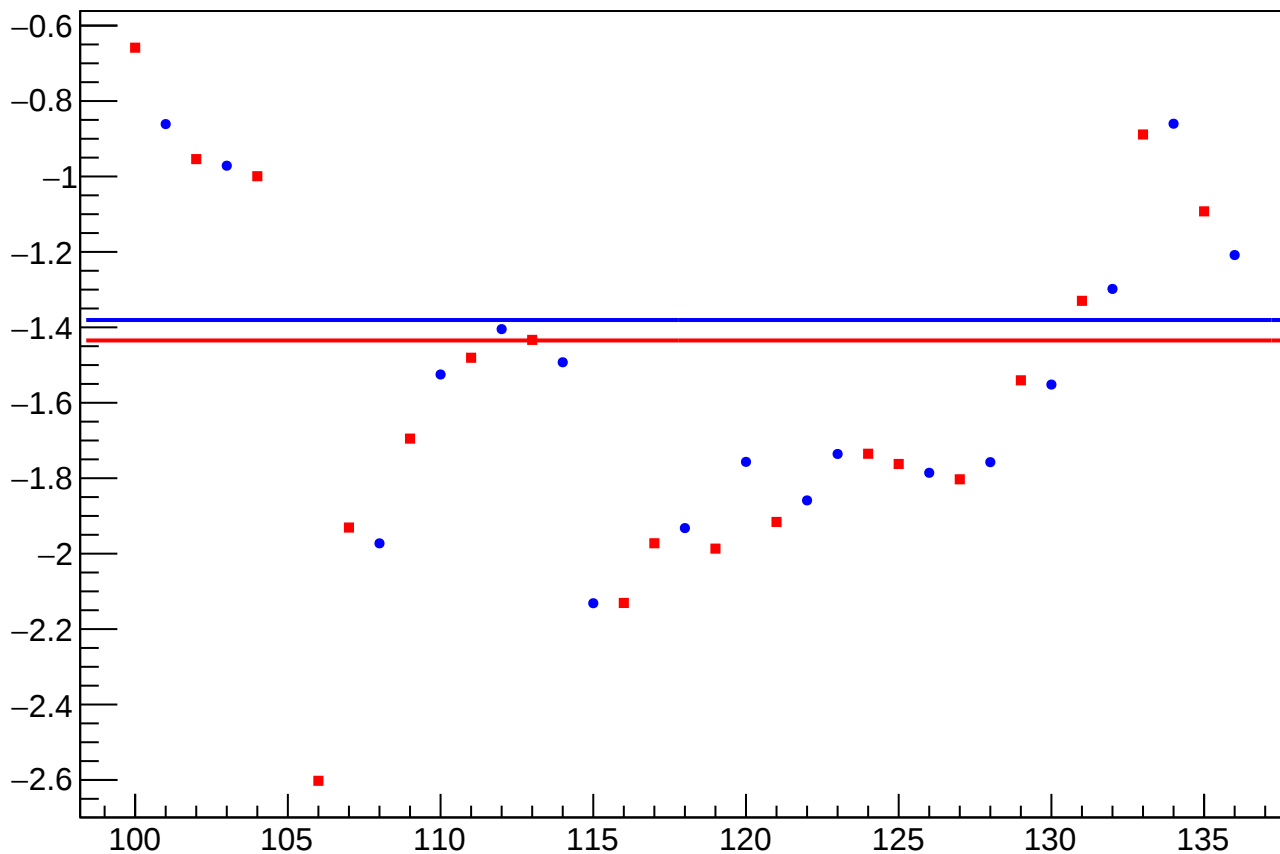
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 1221004.0/16

0.008+/-0.000 χ^2/NDF : 2199312.1/35

0.007+/-0.000 χ^2/NDF : 977707.8/18

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381+/-0.000 χ^2/NDF : 20001018652.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.381+/-0.000 χ^2/NDF : 20001018652.5/16

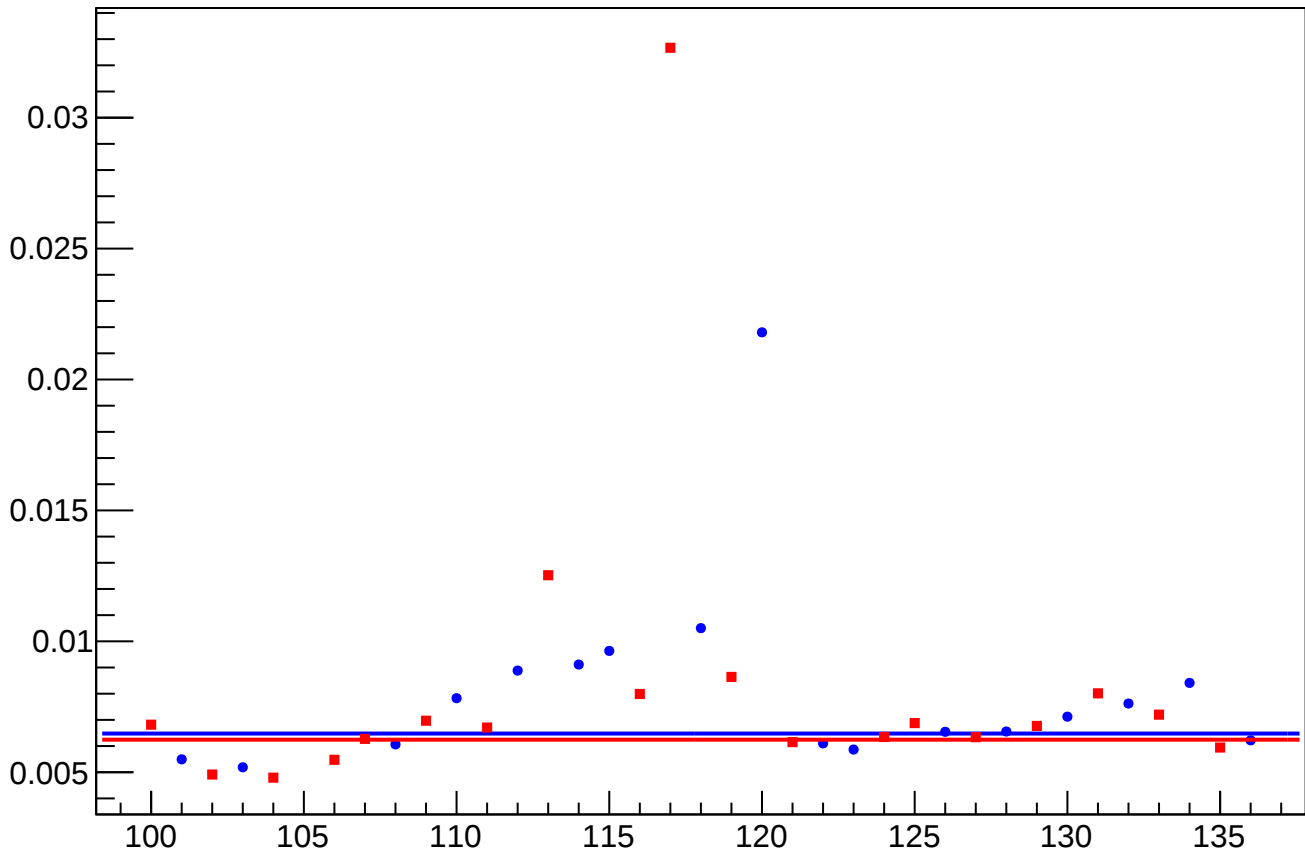
-1.409+/-0.000 χ^2/NDF : 49600161998.5/16

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: 0.006+/-0.000 χ^2/NDF : 572678.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 470439.4/18

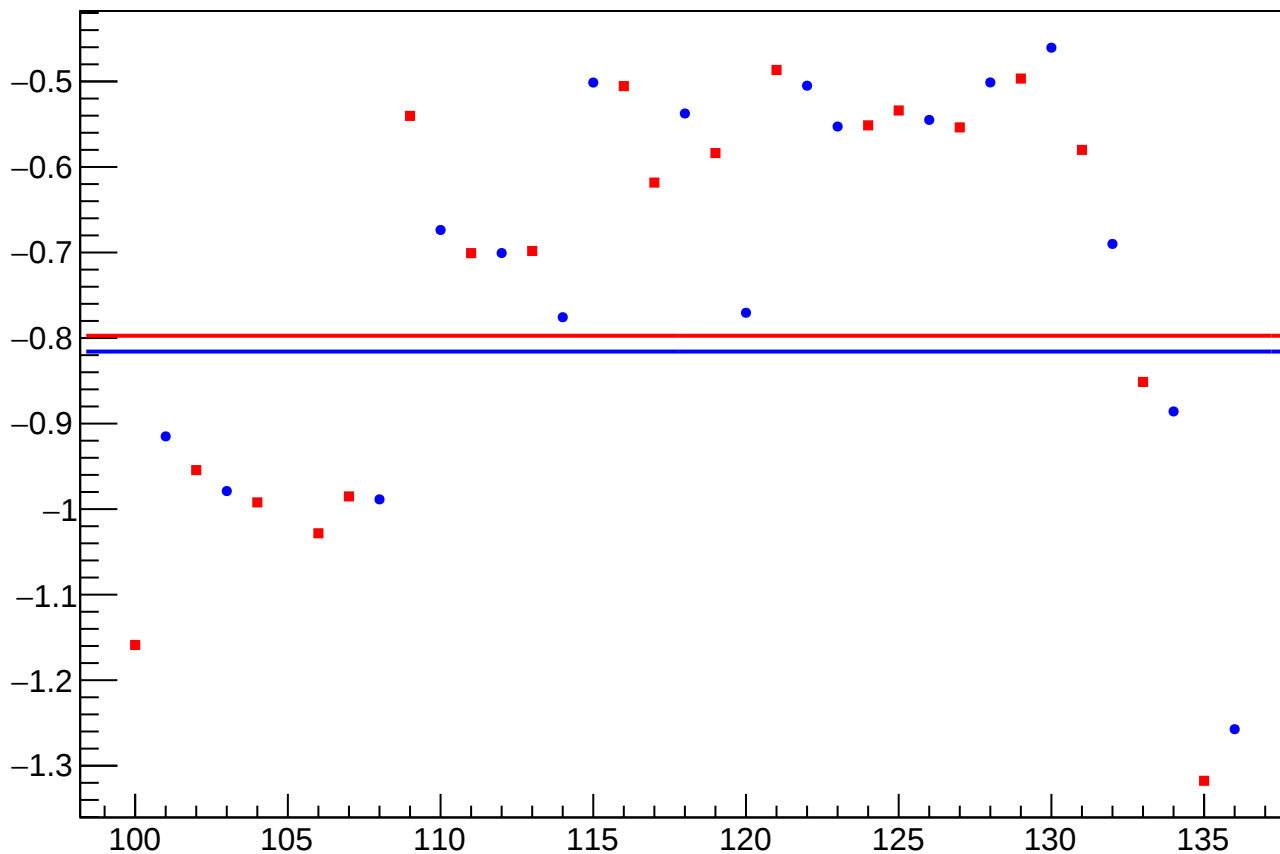
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 572678.4/16

0.006+/-0.000 χ^2/NDF : 1050673.8/35

0.006+/-0.000 χ^2/NDF : 470439.4/18

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.816+/-0.000 χ^2 /NDF: 14172884795.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.797+/-0.000 χ^2 /NDF: 15399641574.0/18

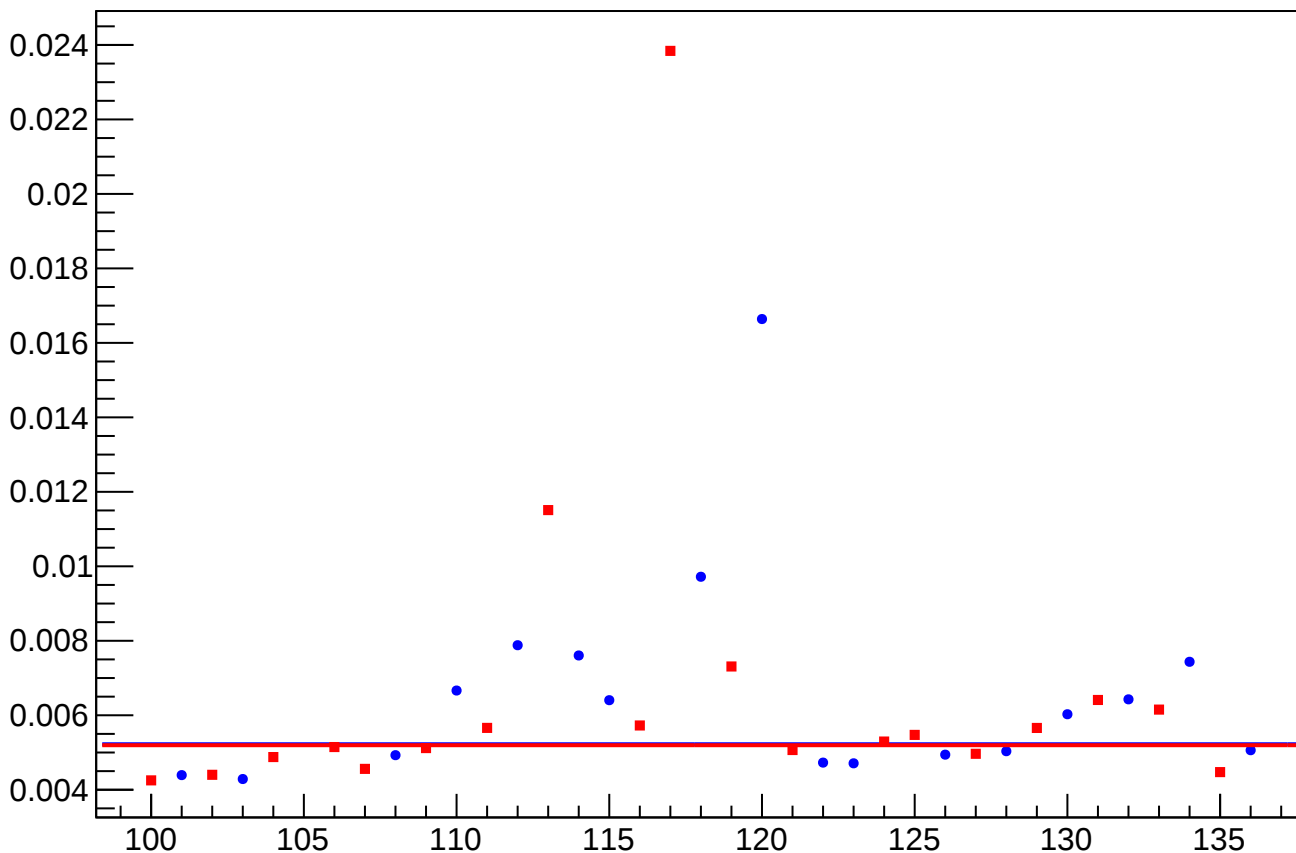
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.816+/-0.000 χ^2 /NDF: 14172884795.2/16

-0.806+/-0.000 χ^2 /NDF: 29607542064.5/16

-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 : 664386.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 409129.5/18

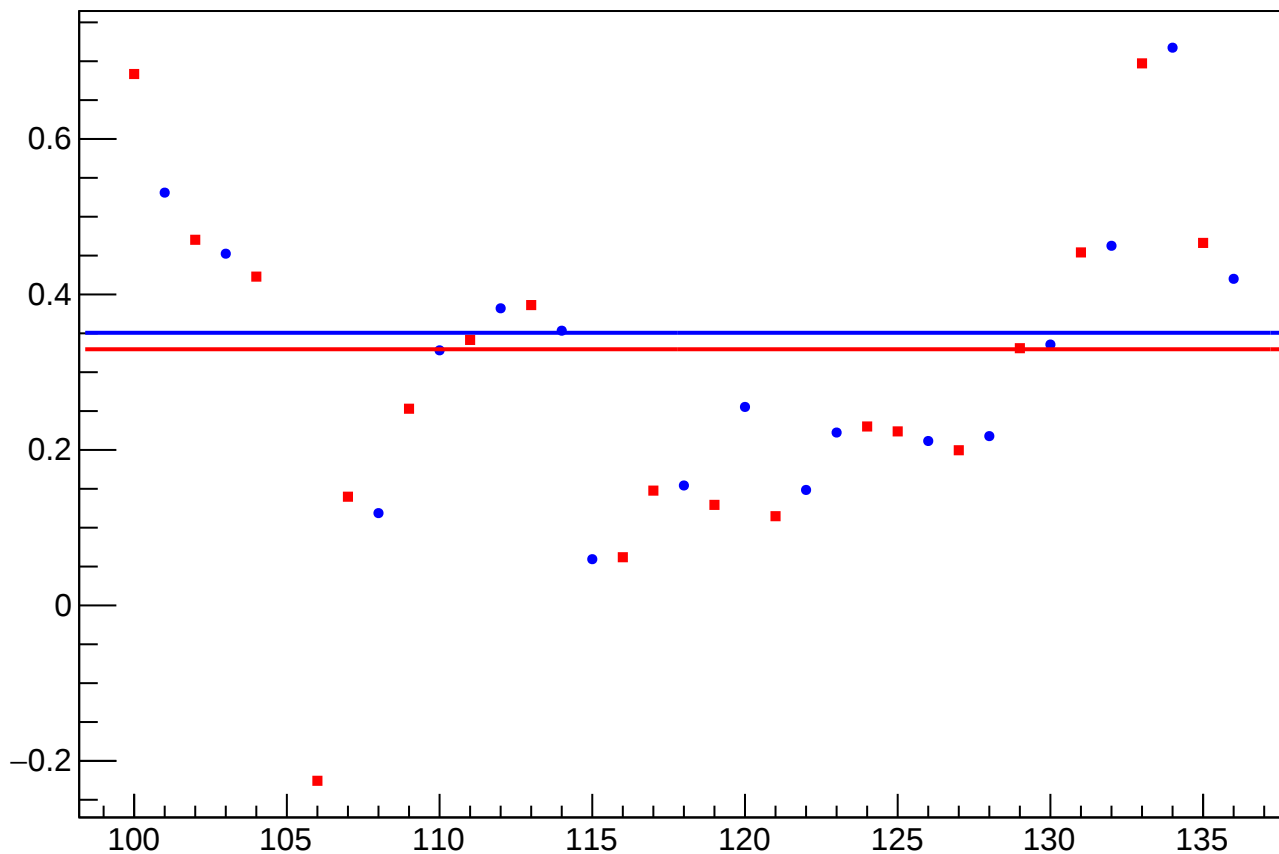
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 664386.8/16

0.005+/-0.000 χ^2/NDF : 1073649.5/35

0.005+/-0.000 χ^2/NDF : 409129.5/18

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.330+/-0.000 χ^2/NDF : 11734004288.5/18

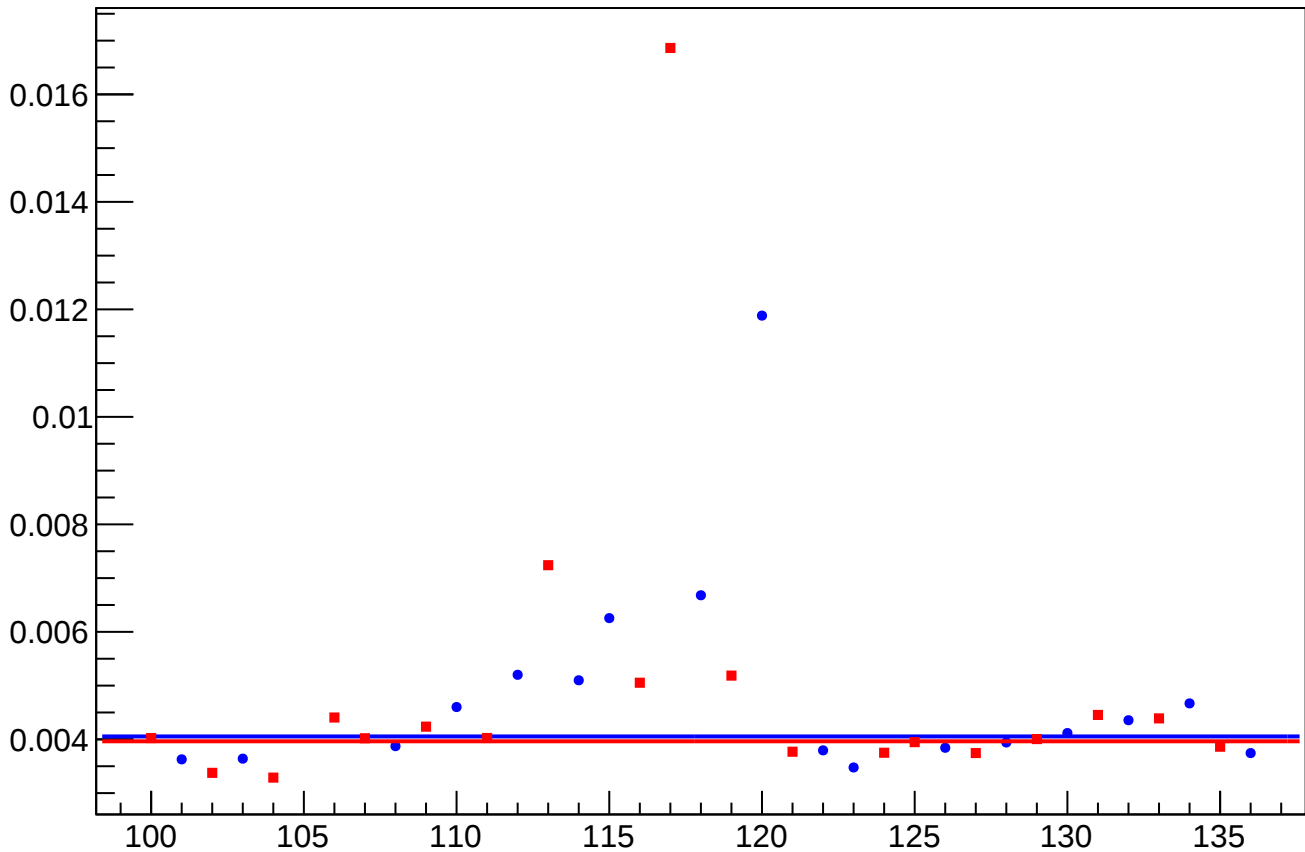
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.351+/-0.000 χ^2/NDF : 7410859446.3/16

0.340+/-0.000 χ^2/NDF : 19226171489.4/3

0.330+/-0.000 χ^2/NDF : 11734004288.5/18

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 455318.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 300744.7/18

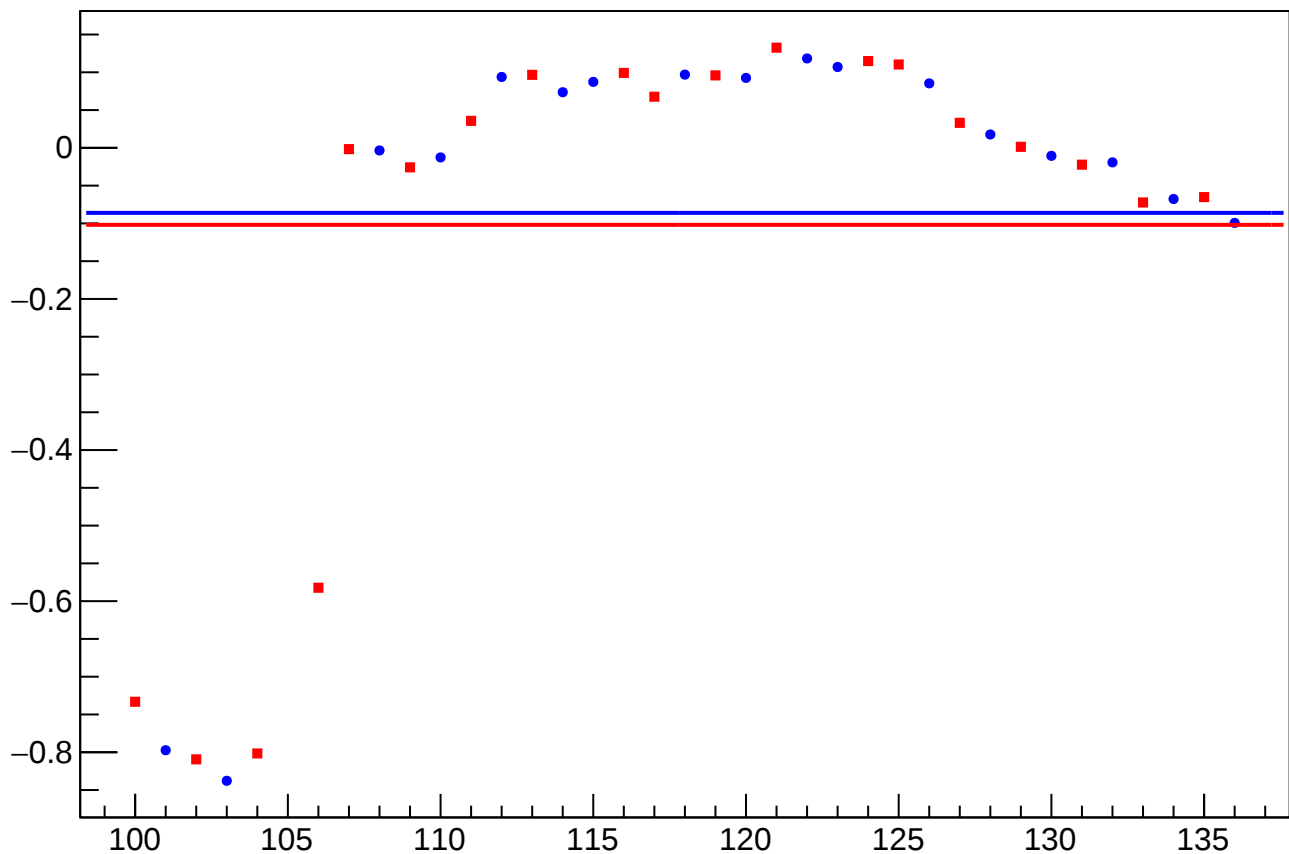
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 455318.3/16

0.004+/-0.000 χ^2/NDF : 759008.5/35

0.004+/-0.000 χ^2/NDF : 300744.7/18

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.000 χ^2/NDF : 4989387592.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.102+/-0.000 χ^2/NDF : 5565988848.6/18

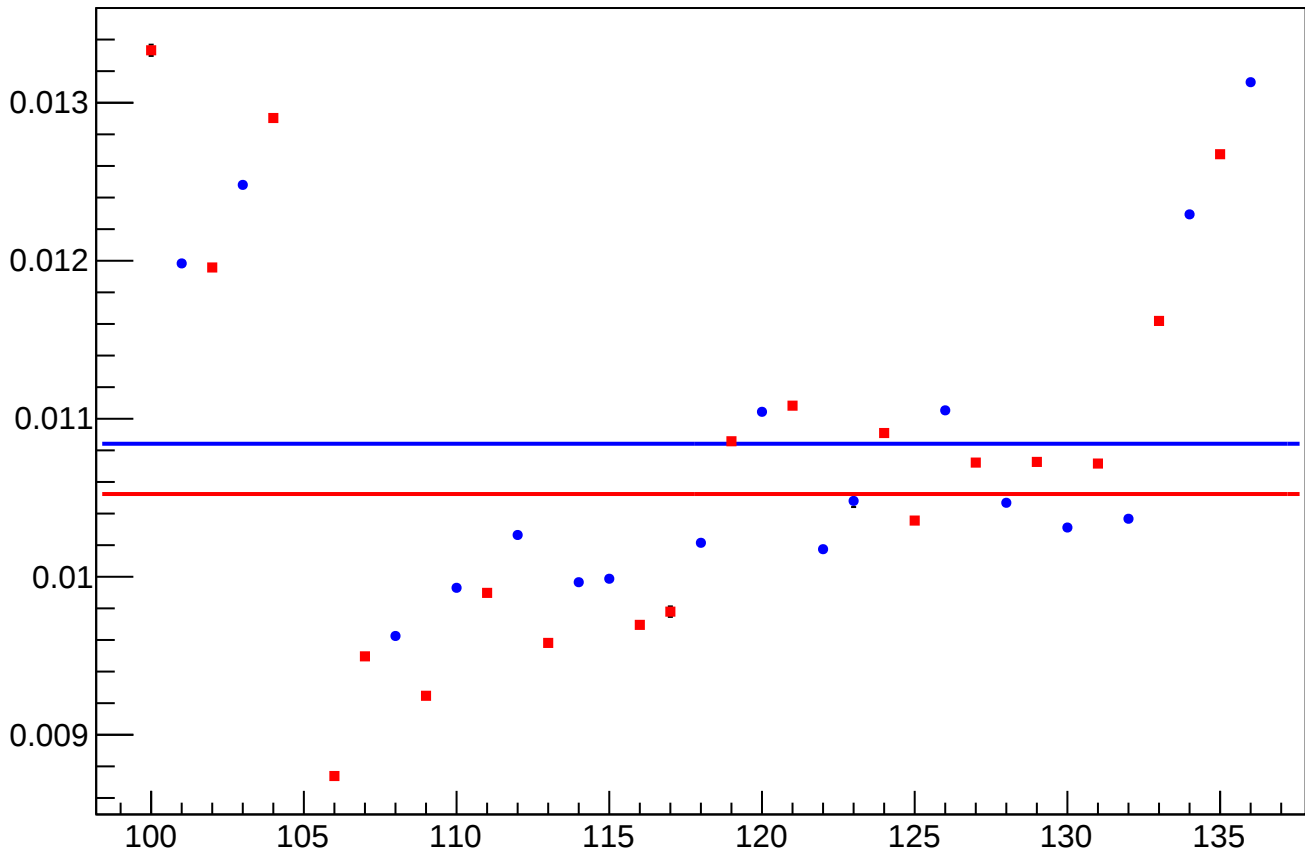
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.086+/-0.000 χ^2/NDF : 4989387592.7/16

-0.094+/-0.000 χ^2/NDF : 10562814699.5/16

-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 : 124260.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 164038.8/18

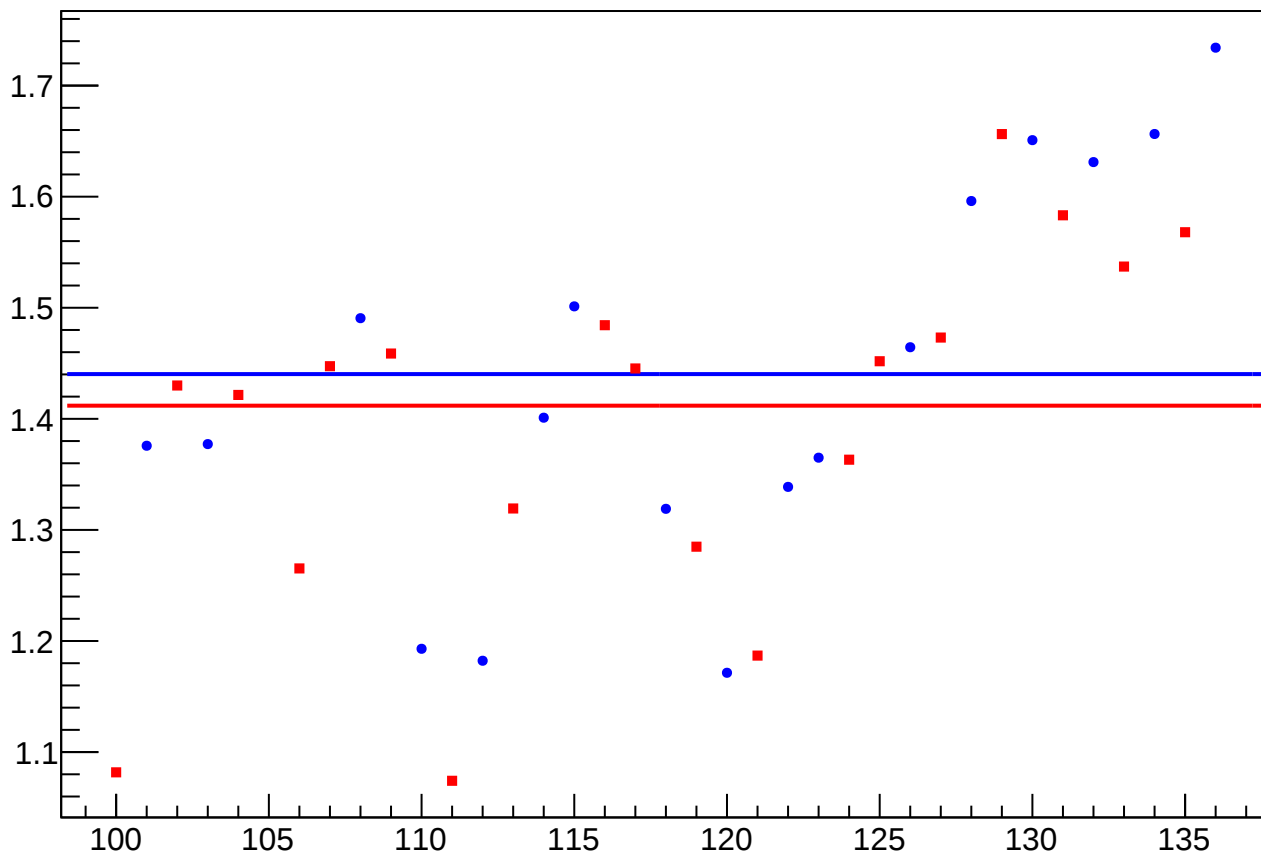
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 124260.3/16

0.011+/-0.000 χ^2/NDF : 294285.7/35

0.011+/-0.000 χ^2/NDF : 164038.8/18

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.440+/-0.000 χ^2/NDF : 3449252780.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.412+/-0.000 χ^2/NDF : 2499262831.9/18

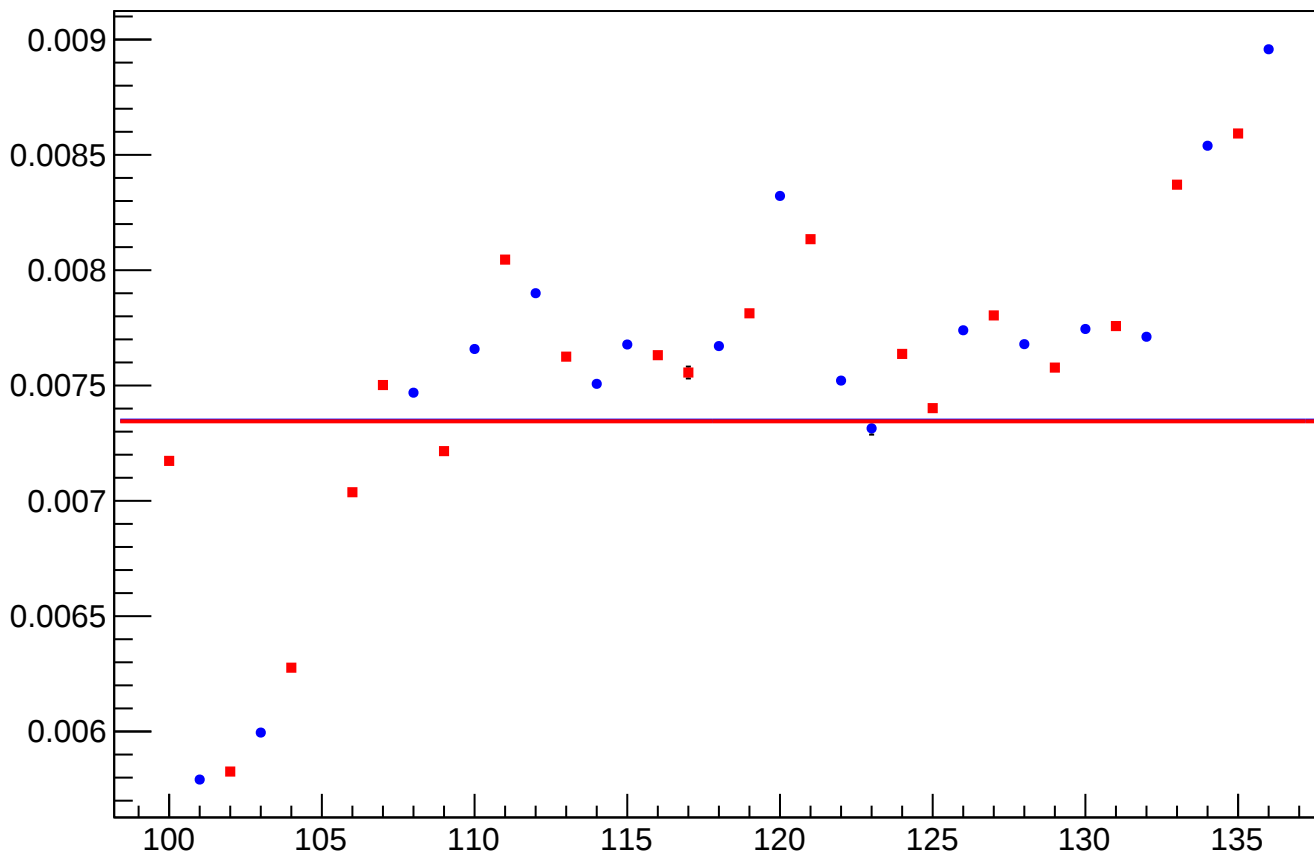
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.440+/-0.000 χ^2/NDF : 3449252780.8/16

1.426+/-0.000 χ^2/NDF : 5998911713.9/35

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 : 228163.6/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 162318.1/18

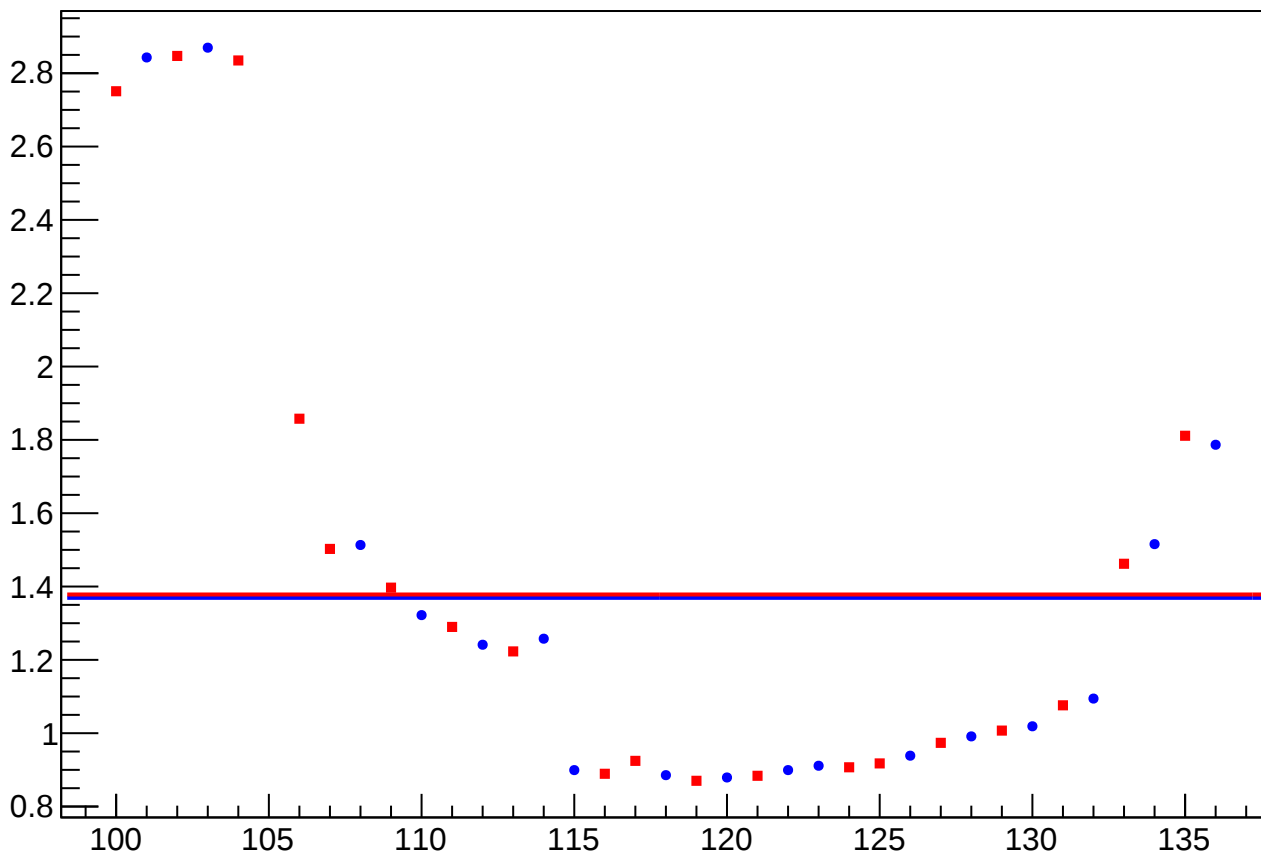
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.007+/-0.000 χ^2/NDF : 228163.6/16

0.007+/-0.000 χ^2/NDF : 390482.9/35

0.007+/-0.000 χ^2/NDF : 162318.1/18

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.369+/-0.000 χ^2/NDF : 54205395389.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.378+/-0.000 χ^2/NDF : 49731378678.6/18

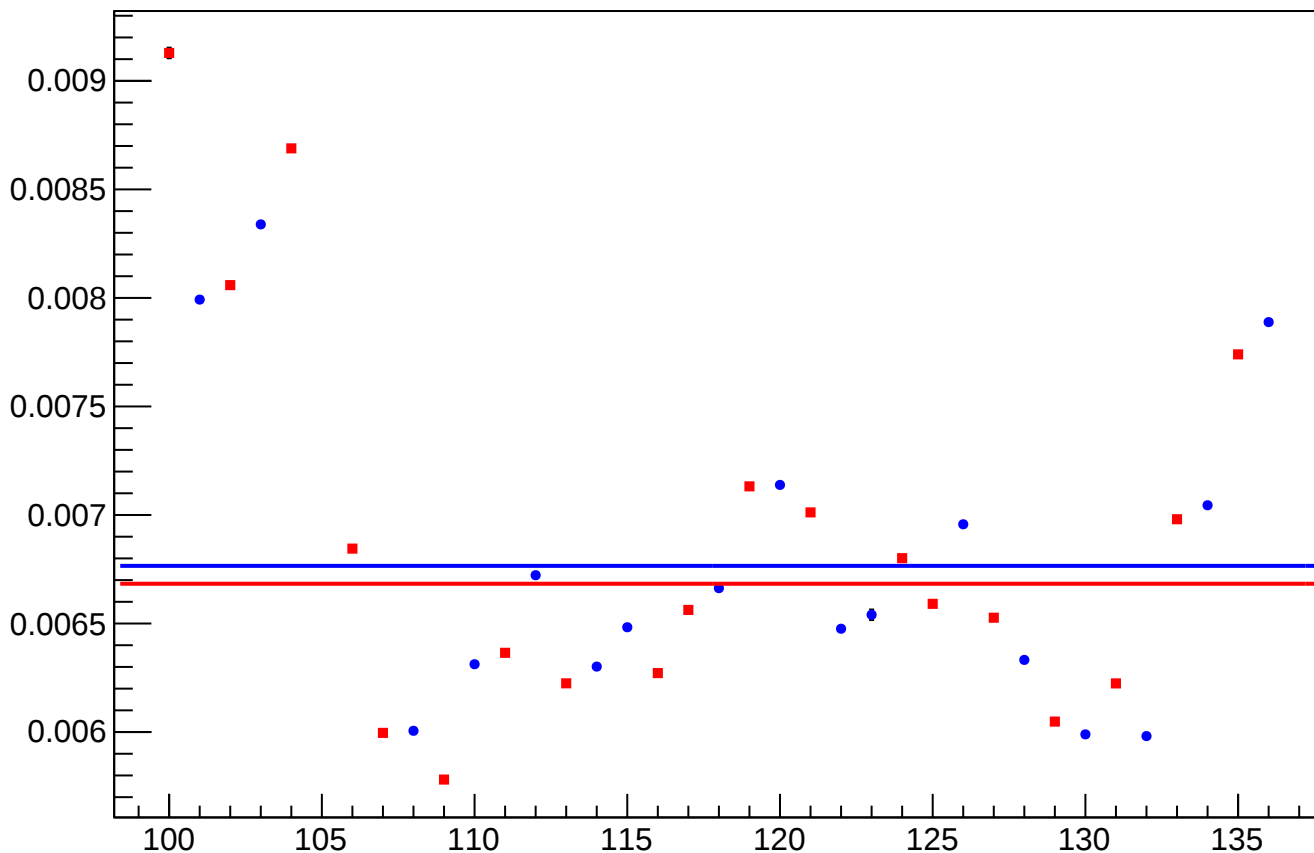
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.369+/-0.000 χ^2/NDF : 54205395389.8/16

1.374+/-0.000 χ^2/NDF : 103942968494.3/16

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 : 159554.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 177222.3/18

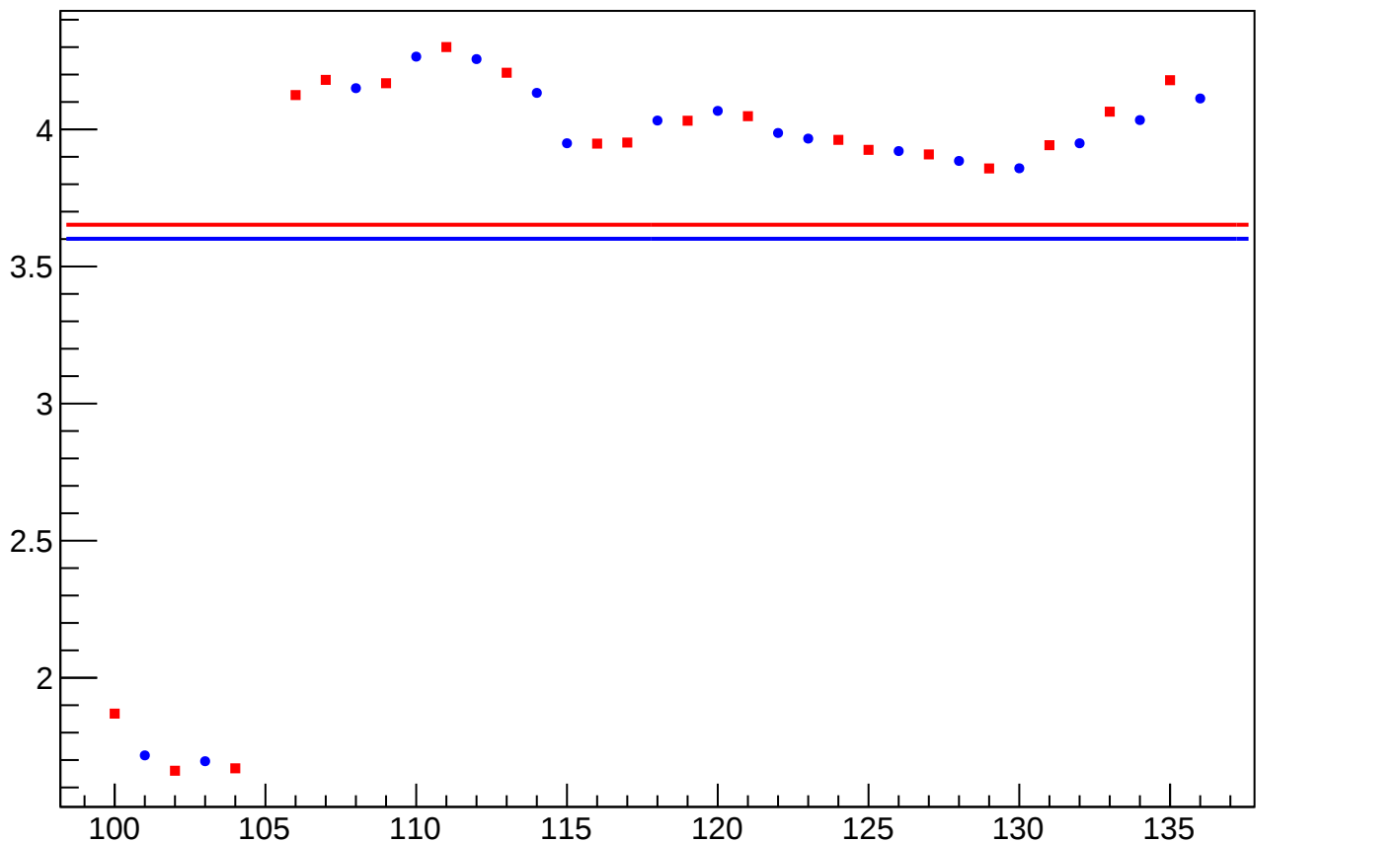
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 159554.9/16

0.007+/-0.000 χ^2/NDF : 337788.3/35

0.007+/-0.000 χ^2/NDF : 177222.3/18

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.601+/-0.000 χ^2/NDF : 185806937655.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.601+/-0.000 χ^2/NDF : 185806937655.3/16

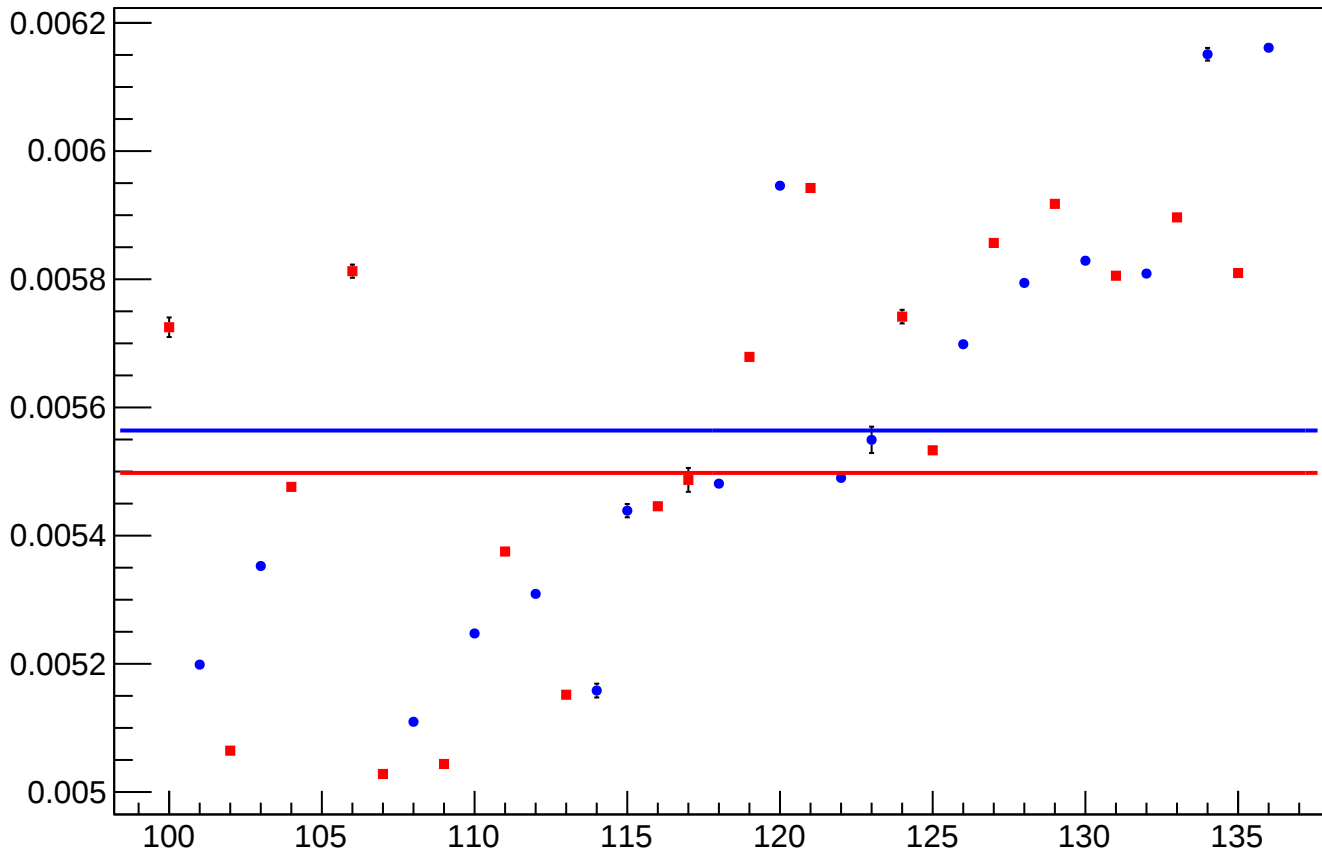
3.627+/-0.000 χ^2/NDF : 377551835099.9/16

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: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 50509.4/18

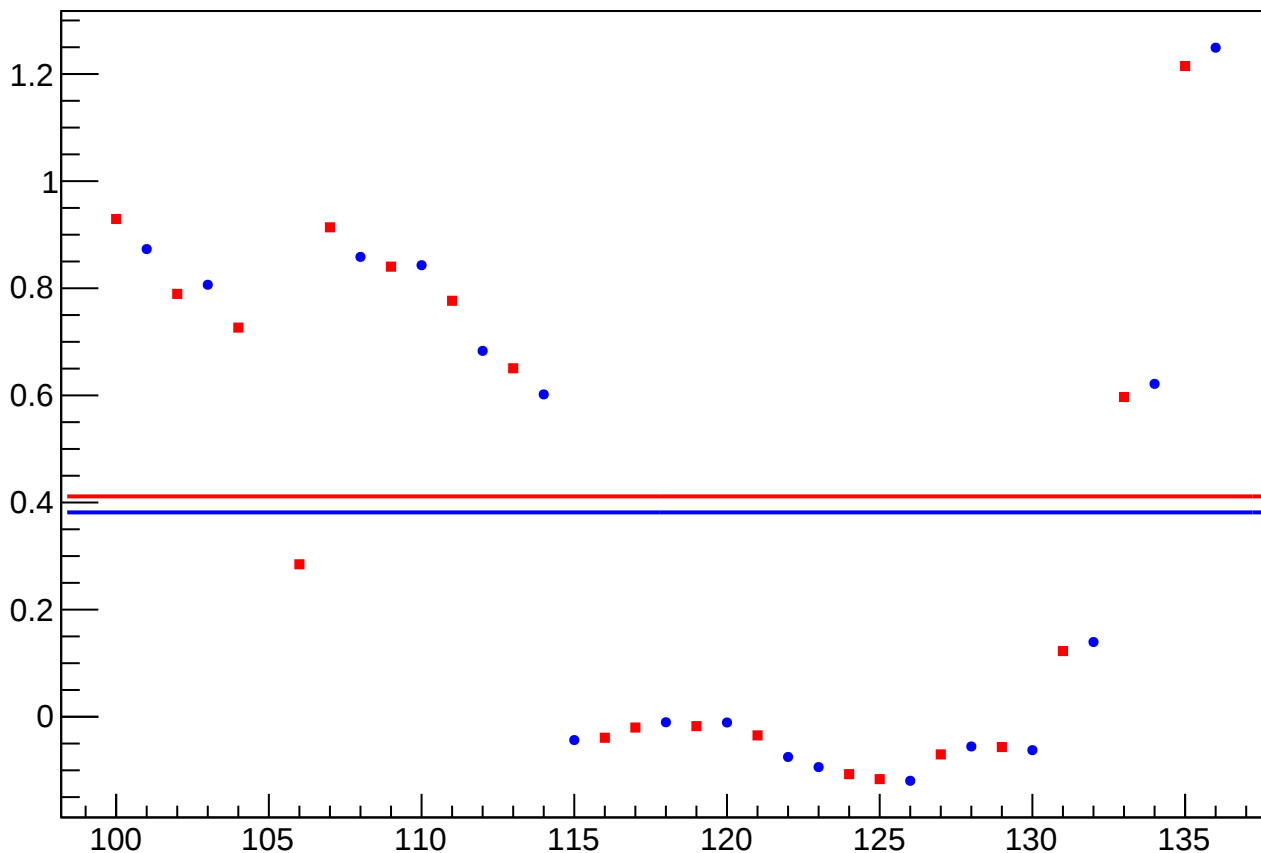
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 47588.2/16

0.006+/-0.000 χ^2/NDF : 99062.4/35

0.005+/-0.000 χ^2/NDF : 50509.4/18

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.382+/-0.000 χ^2/NDF : 7124759123.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.411+/-0.000 χ^2/NDF : 6253920209.0/18

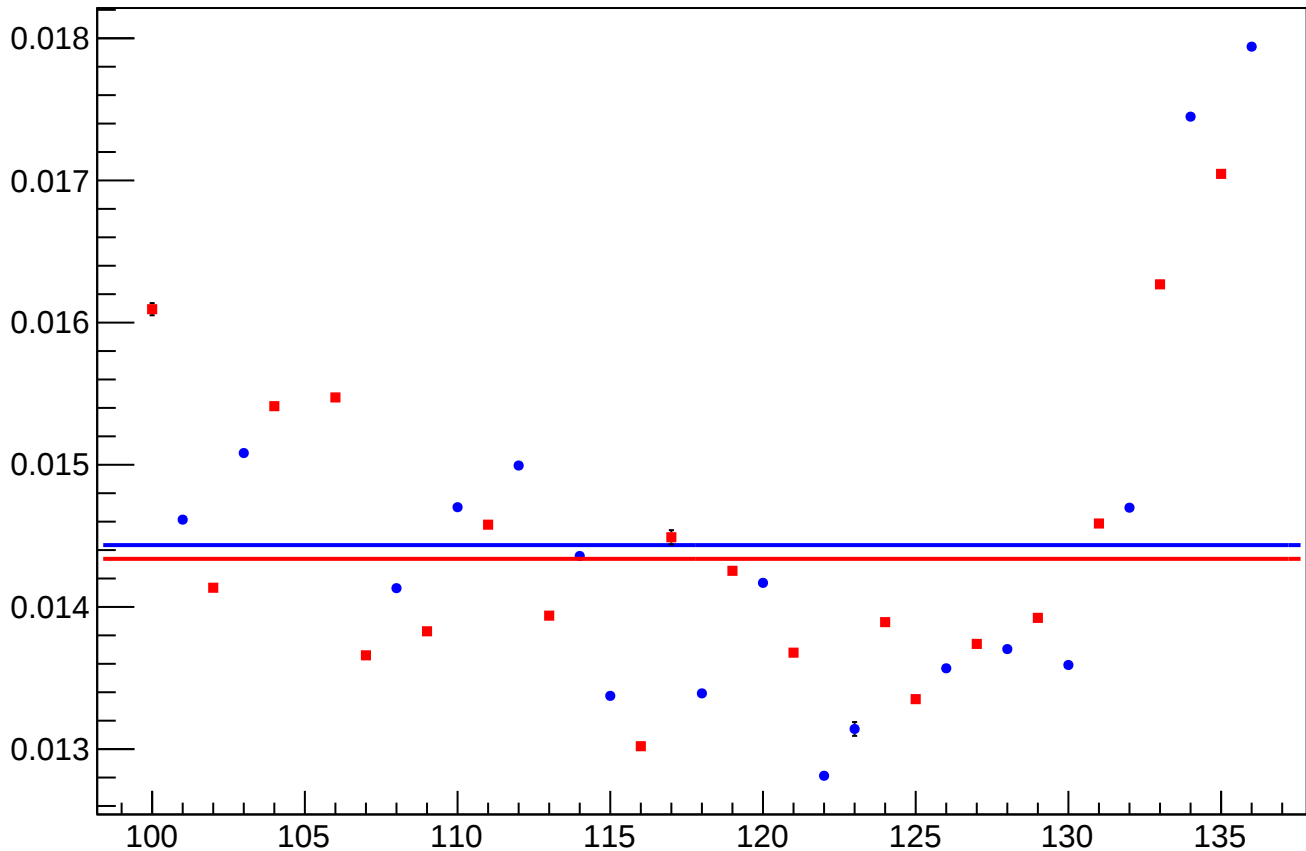
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.382+/-0.000 χ^2/NDF : 7124759123.1/16

0.397+/-0.000 χ^2/NDF : 13393158872.7/3

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 : 110224.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 62402.9/18

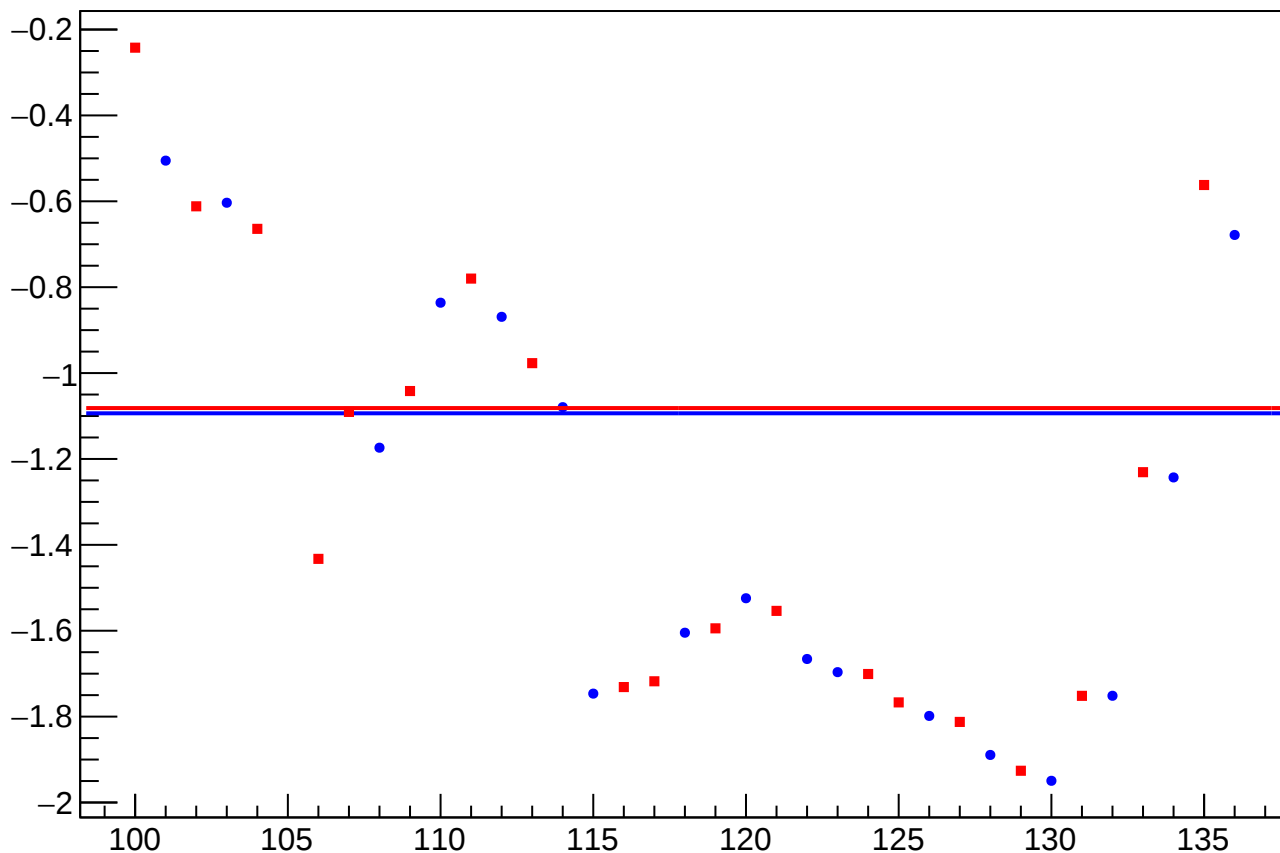
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 110224.4/16

0.014+/-0.000 χ^2/NDF : 172930.4/35

0.014+/-0.000 χ^2/NDF : 62402.9/18

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.094+/-0.000 χ^2/NDF : 55960104370.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.094+/-0.000 χ^2/NDF : 55960104370.4/16

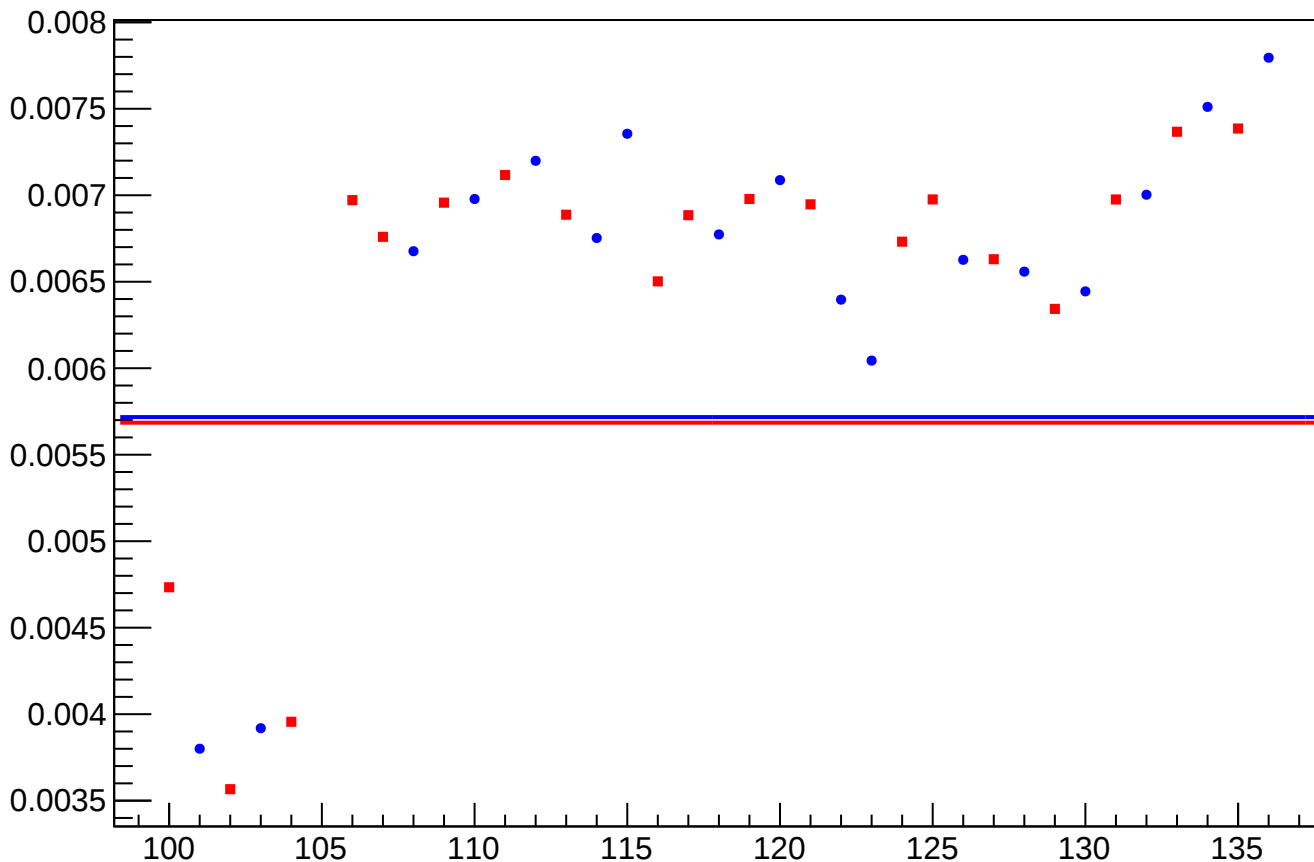
-1.088+/-0.000 χ^2/NDF : 102581729139.5

Right Out: -1.081+/-0.000 χ^2/NDF : 46607932358.1/18

-1.081+/-0.000 χ^2/NDF : 46607932358.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 837775.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 901059.3/18

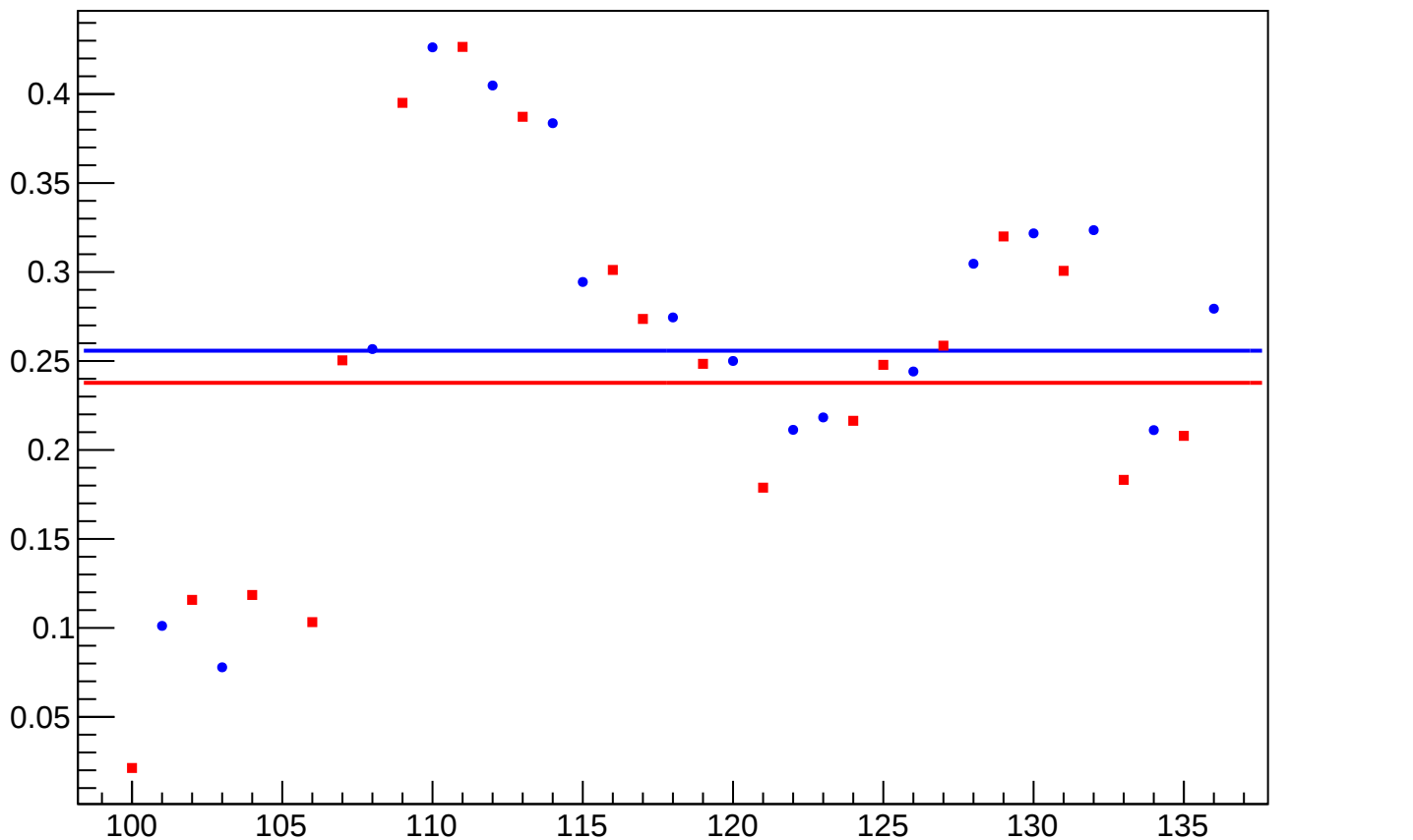
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 837775.0/16

0.006+/-0.000 χ^2/NDF : 1739027.3/35

0.006+/-0.000 χ^2/NDF : 901059.3/18

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.000 χ^2/NDF : 21365489849.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.000 χ^2/NDF : 26077731211.1/18

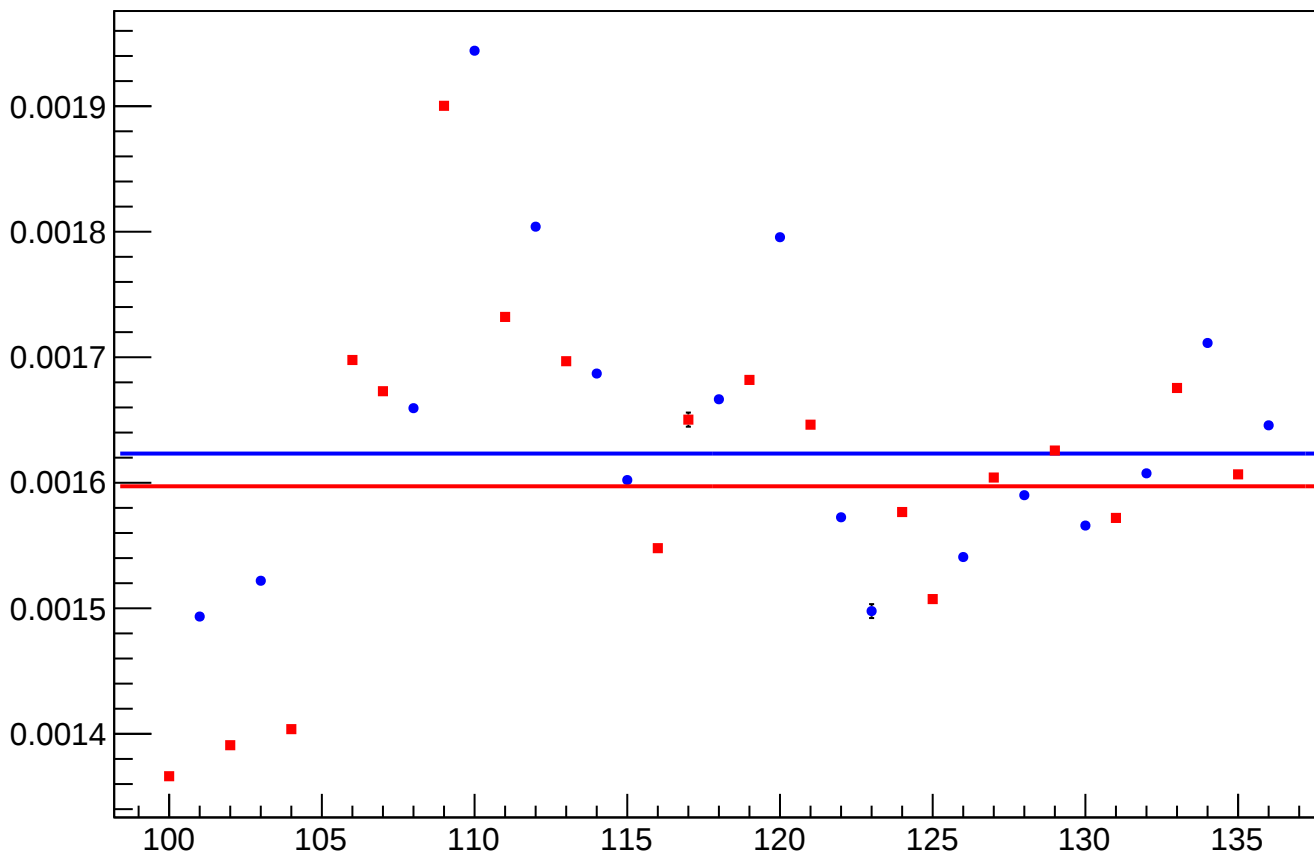
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.256+/-0.000 χ^2/NDF : 21365489849.4/16

0.246+/-0.000 χ^2/NDF : 47859153680.1/3

0.238+/-0.000 χ^2/NDF : 26077731211.1/18

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 52468.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 90499.7/18

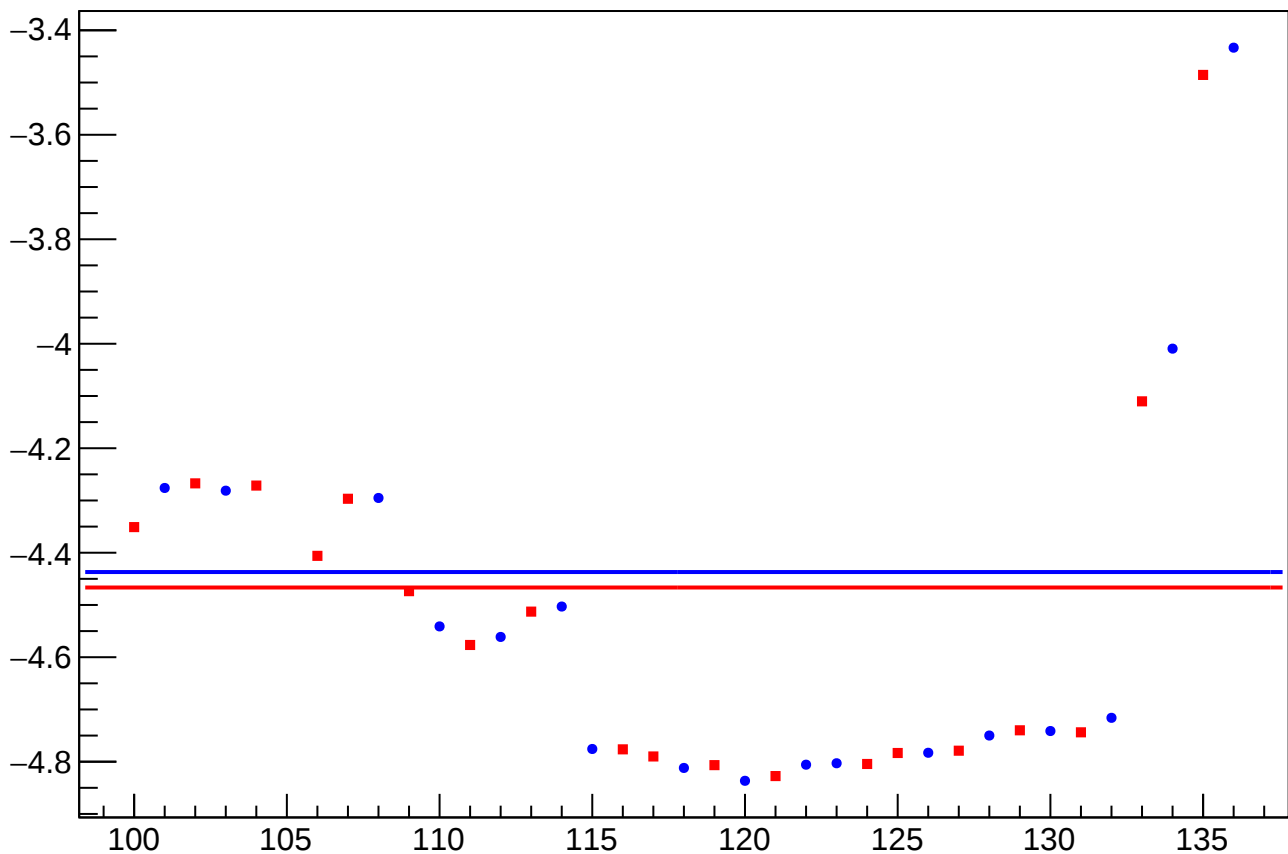
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52468.7/16

0.002+/-0.000 χ^2/NDF : 144703.9/35

0.002+/-0.000 χ^2/NDF : 90499.7/18

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.437+/-0.000 χ^2/NDF : 392812415429.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.437+/-0.000 χ^2/NDF : 392812415429.0/16

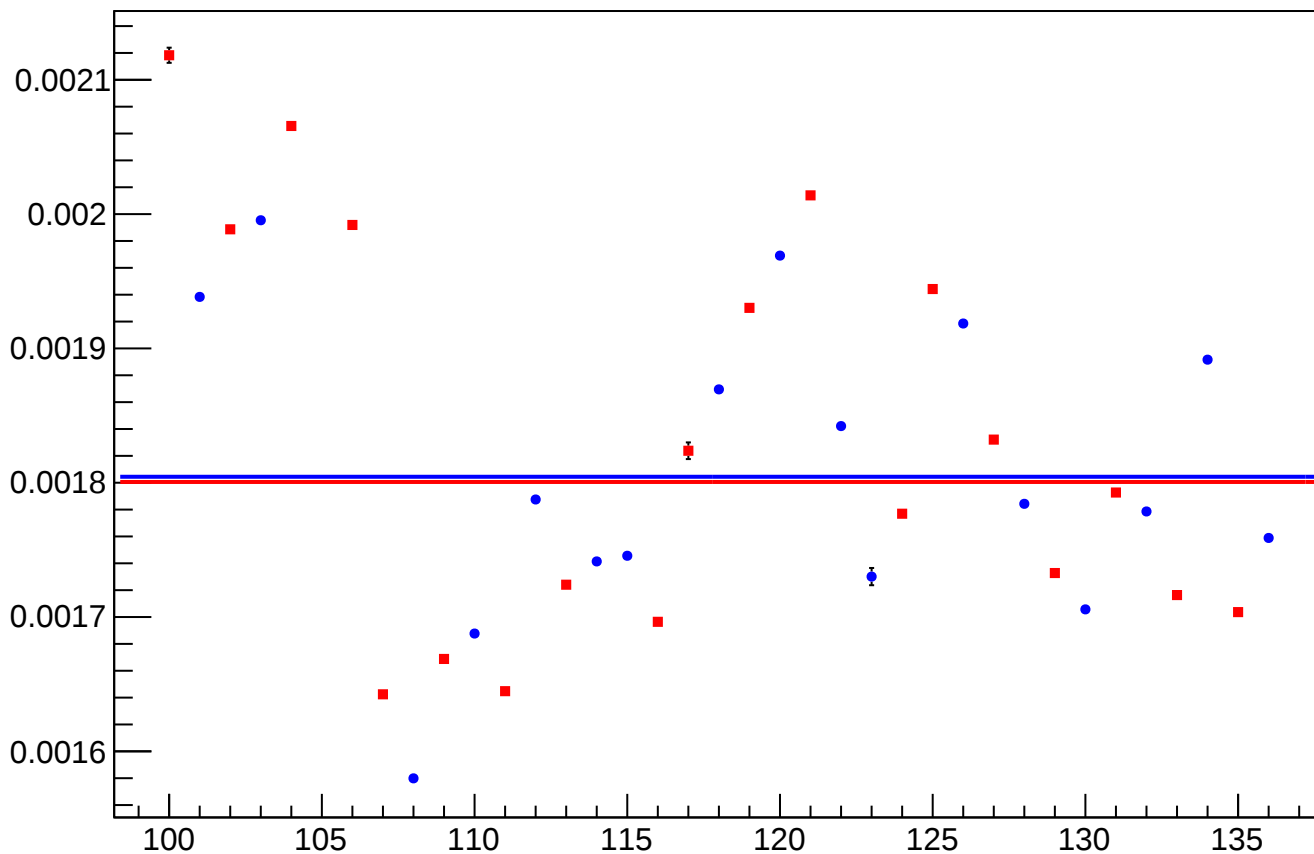
-4.452+/-0.000 χ^2/NDF : 661163679095.2

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 : 49103.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 80511.2/18

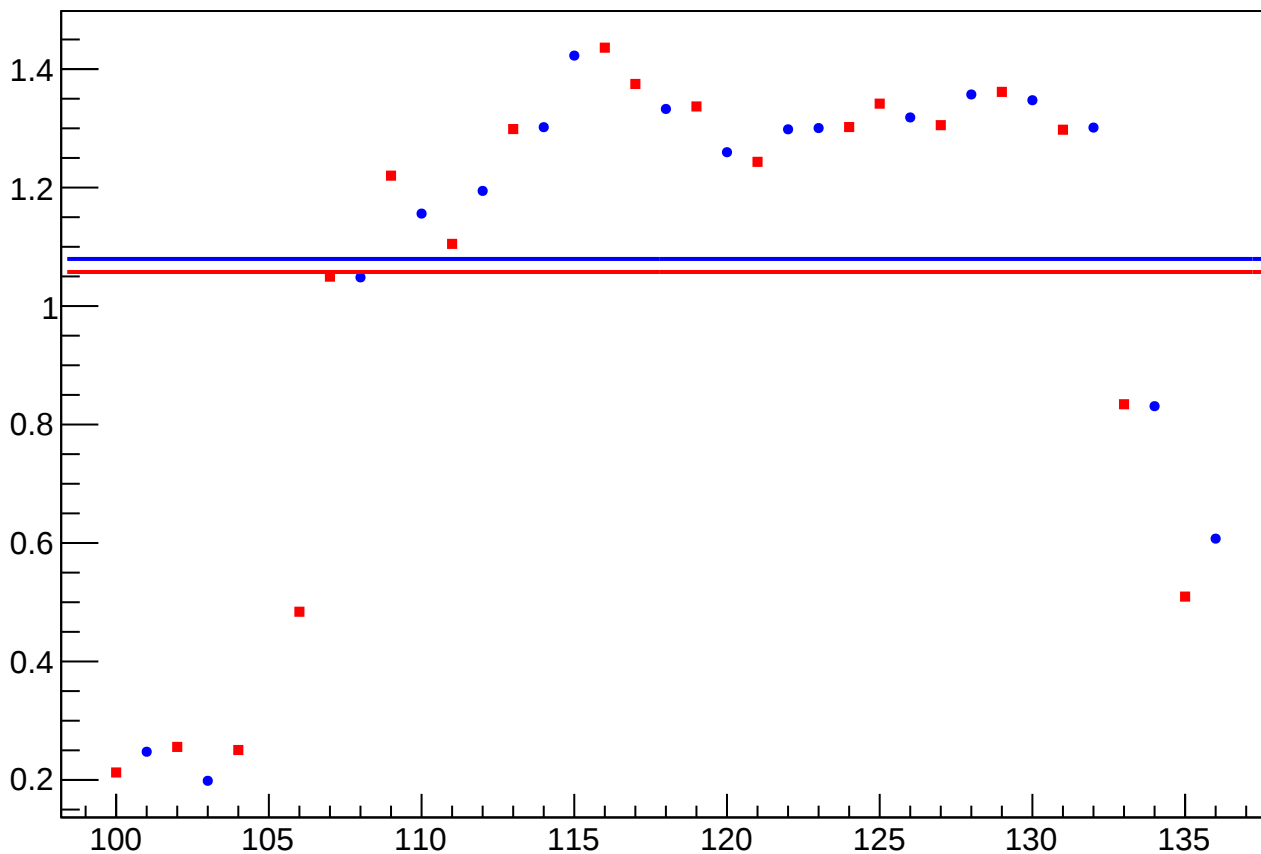
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 49103.2/16

0.002+/-0.000 χ^2/NDF : 129645.0/35

0.002+/-0.000 χ^2/NDF : 80511.2/18

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.080+/-0.000 χ^2/NDF : 17533321220.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.057+/-0.000 χ^2/NDF : 19218328700.3/18

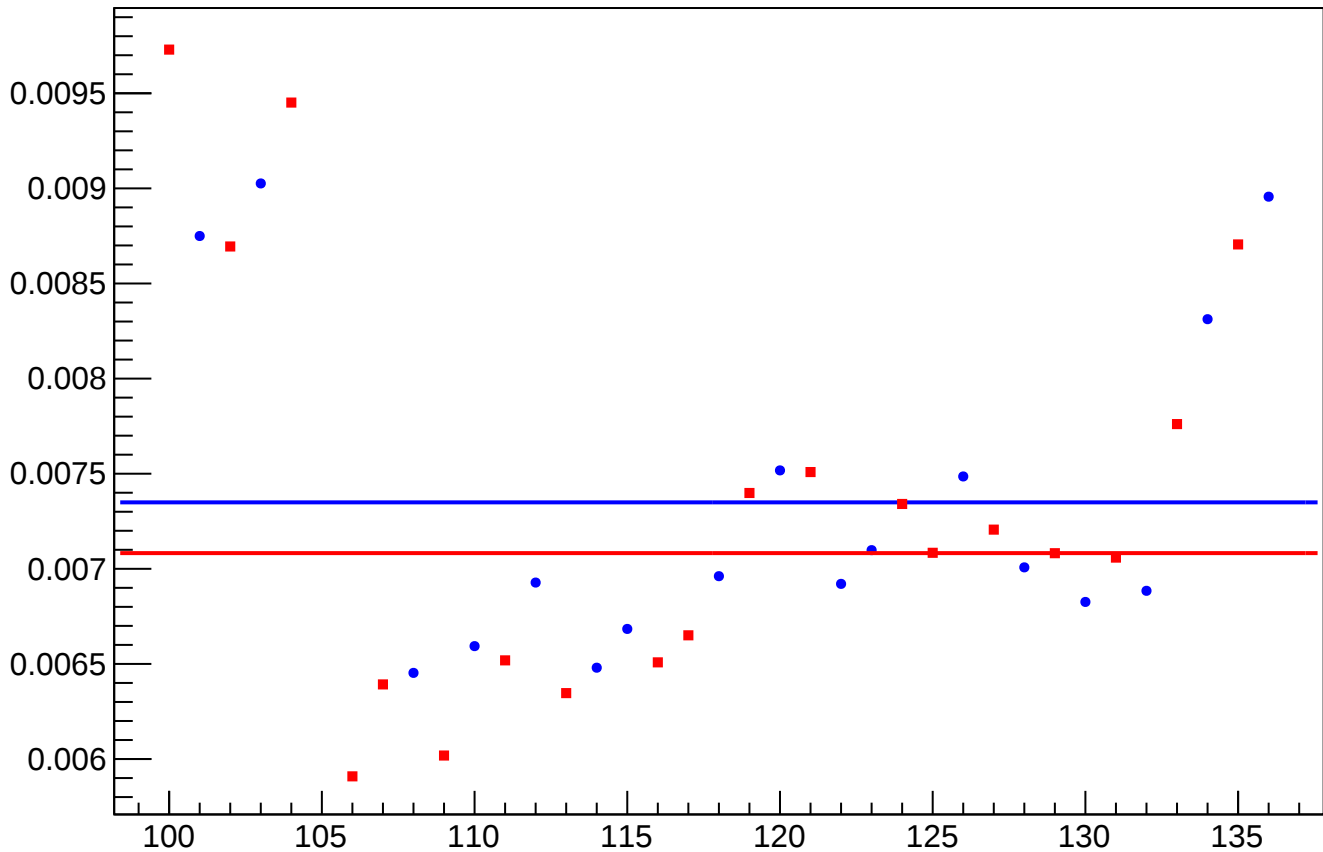
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.080+/-0.000 χ^2/NDF : 17533321220.5/16

1.068+/-0.000 χ^2/NDF : 36782922052.4/3

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 : 180818.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 241433.9/18

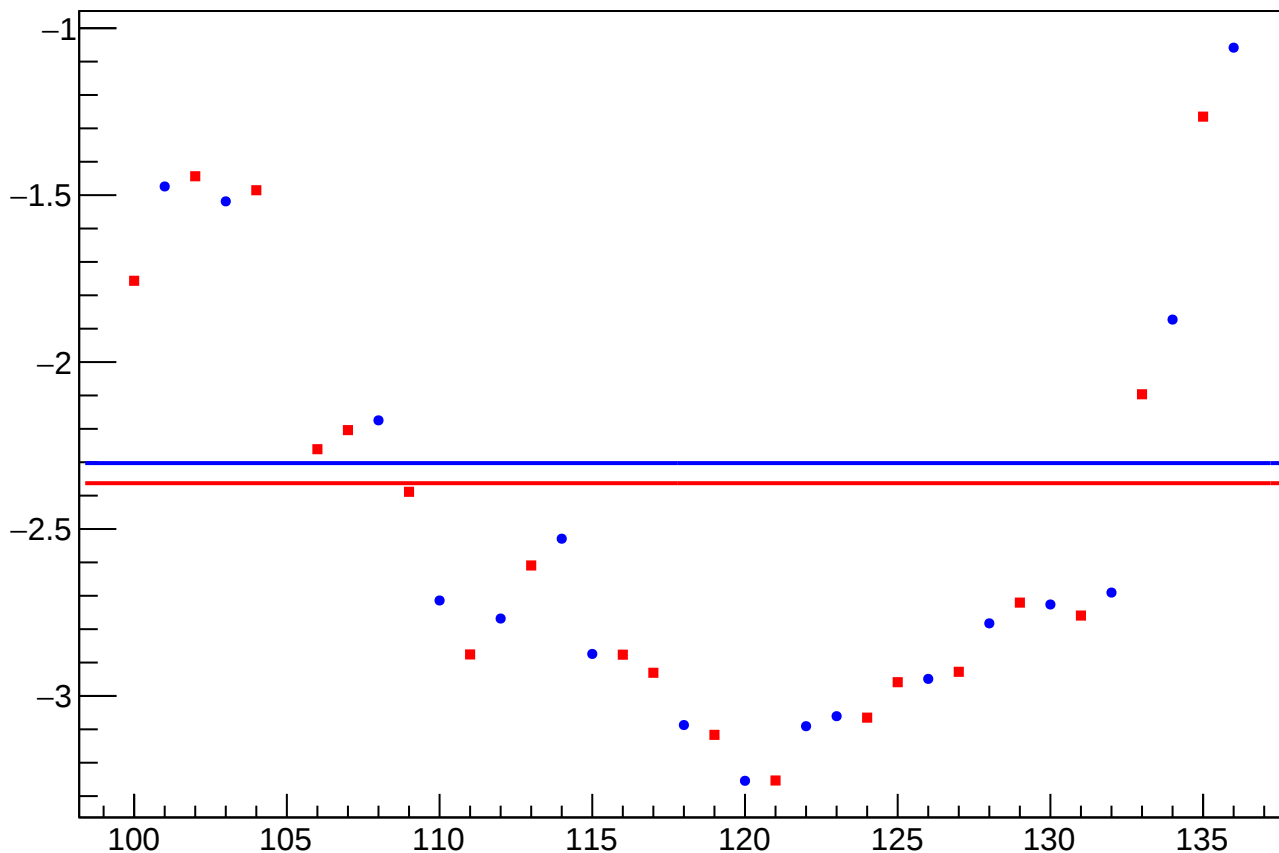
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 180818.7/16

0.007+/-0.000 χ^2/NDF : 431432.2/35

0.007+/-0.000 χ^2/NDF : 241433.9/18

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.303+/-0.000 χ^2/NDF : 73755914805.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.303+/-0.000 χ^2/NDF : 73755914805.8/16

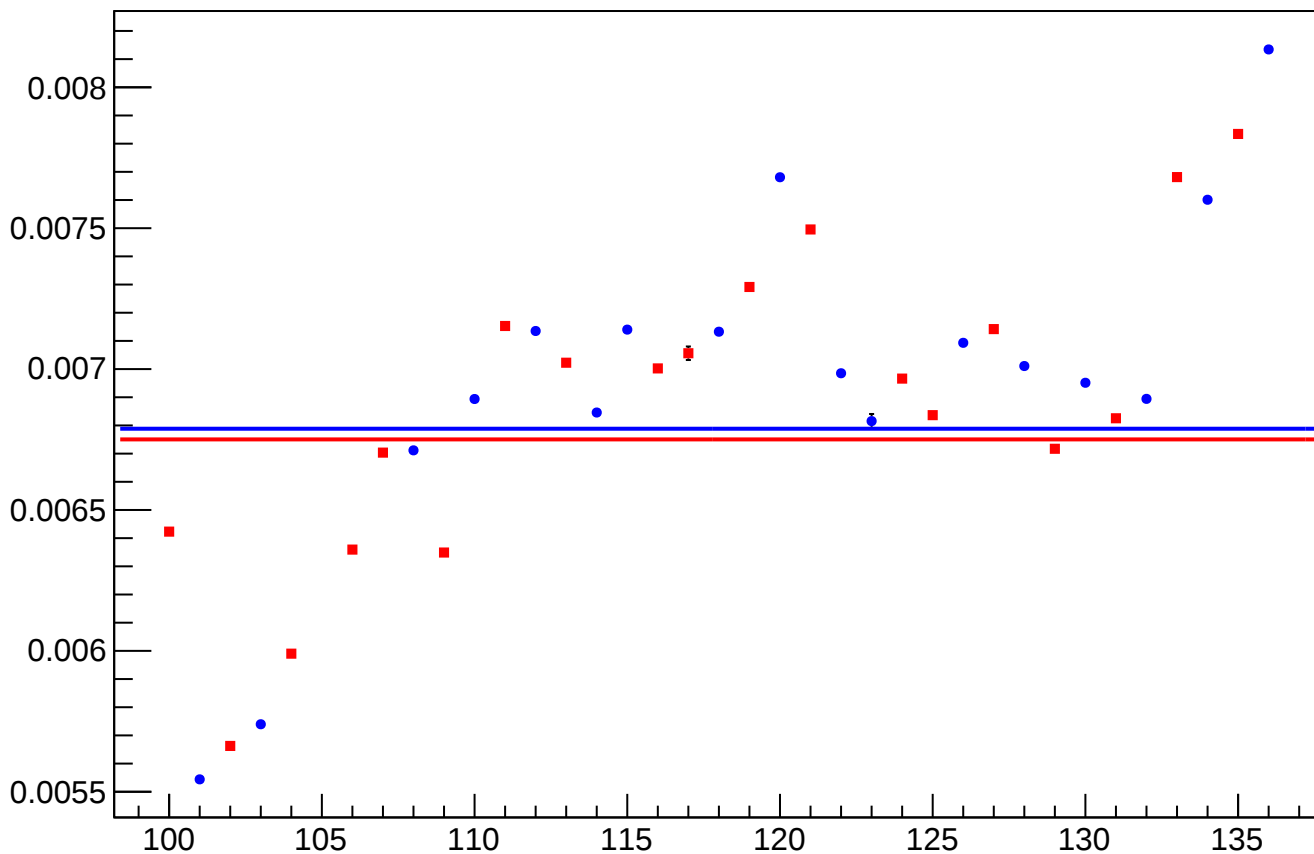
-2.333+/-0.000 χ^2/NDF : 134351444893.9

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 : 165199.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 115036.5/18

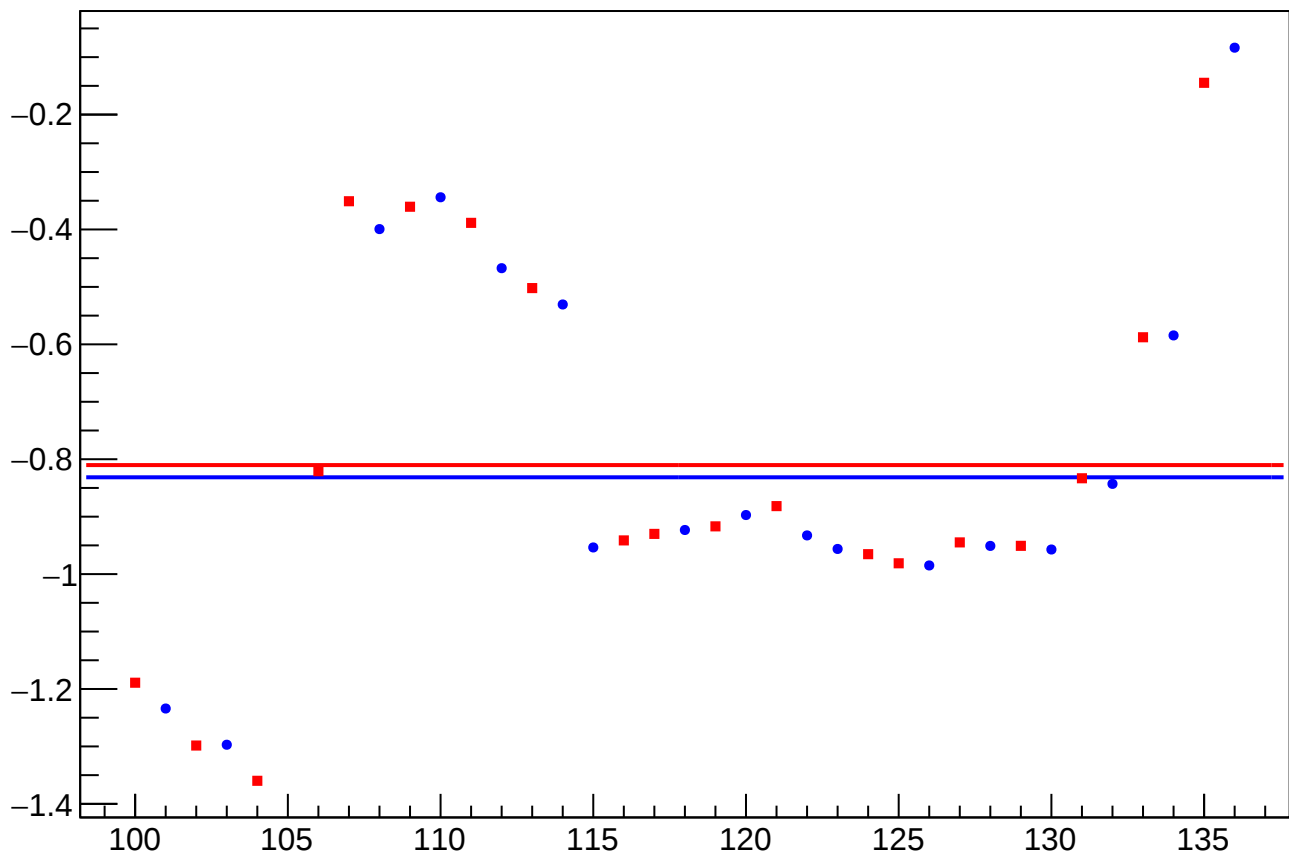
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 165199.2/16

0.007+/-0.000 χ^2/NDF : 280447.9/35

0.007+/-0.000 χ^2/NDF : 115036.5/18

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831+/-0.000 χ^2/NDF : 6692170860.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.810+/-0.000 χ^2/NDF : 7172810067.8/18

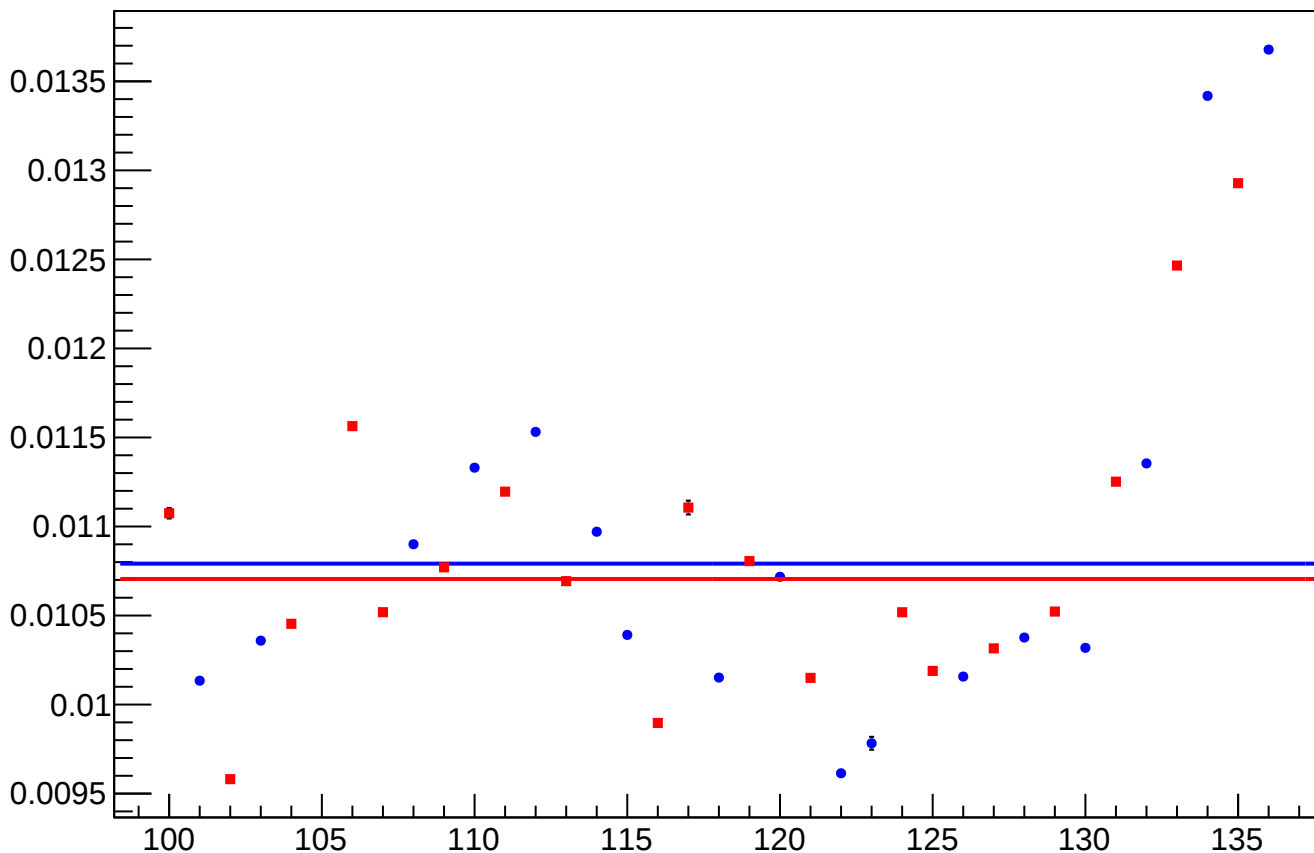
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.831+/-0.000 χ^2/NDF : 6692170860.9/16

-0.821+/-0.000 χ^2/NDF : 13878015927.6/16

-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 : 125802.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 75750.3/18

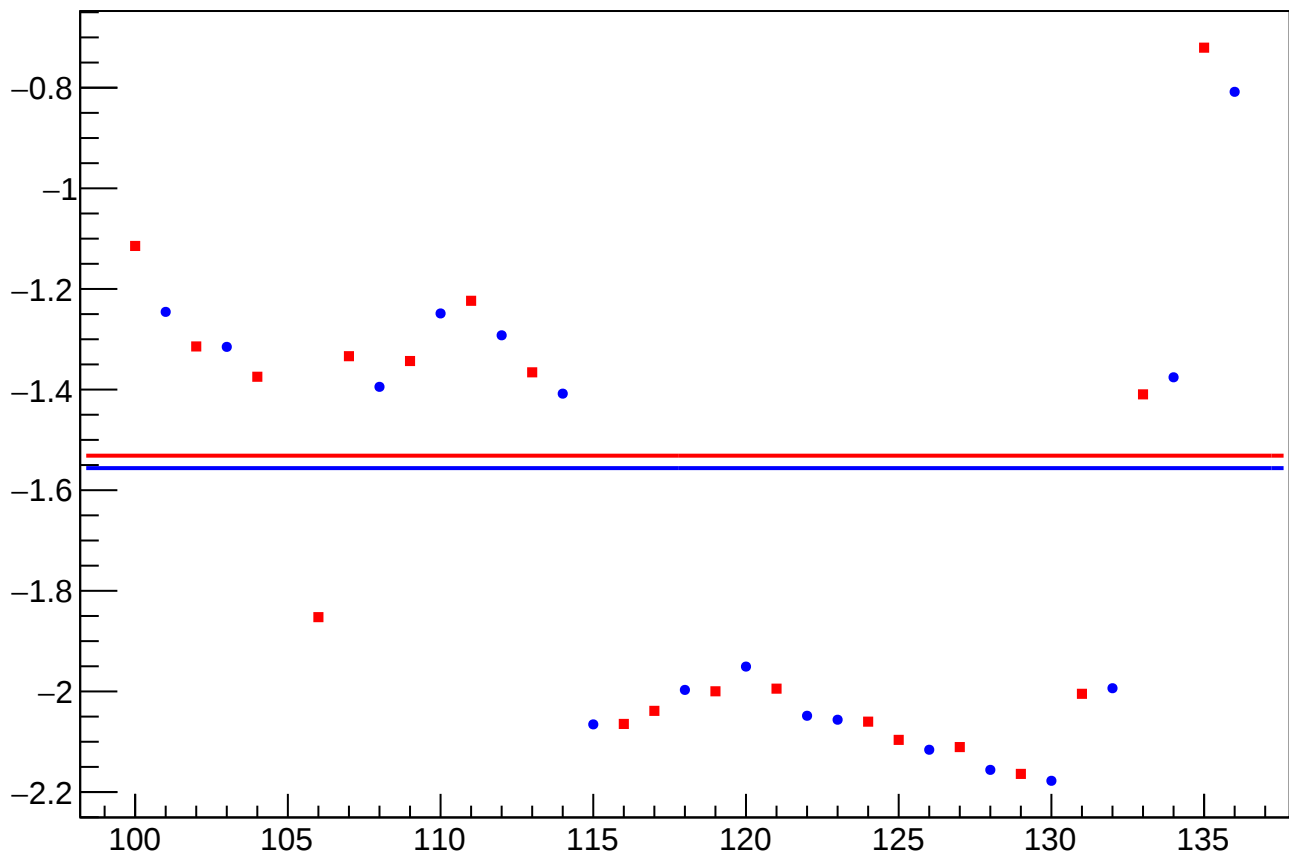
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 125802.4/16

0.011+/-0.000 χ^2/NDF : 201979.9/35

0.011+/-0.000 χ^2/NDF : 75750.3/18

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.556+/-0.000 χ^2/NDF : 154972763568.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.556+/-0.000 χ^2/NDF : 154972763568.8/16

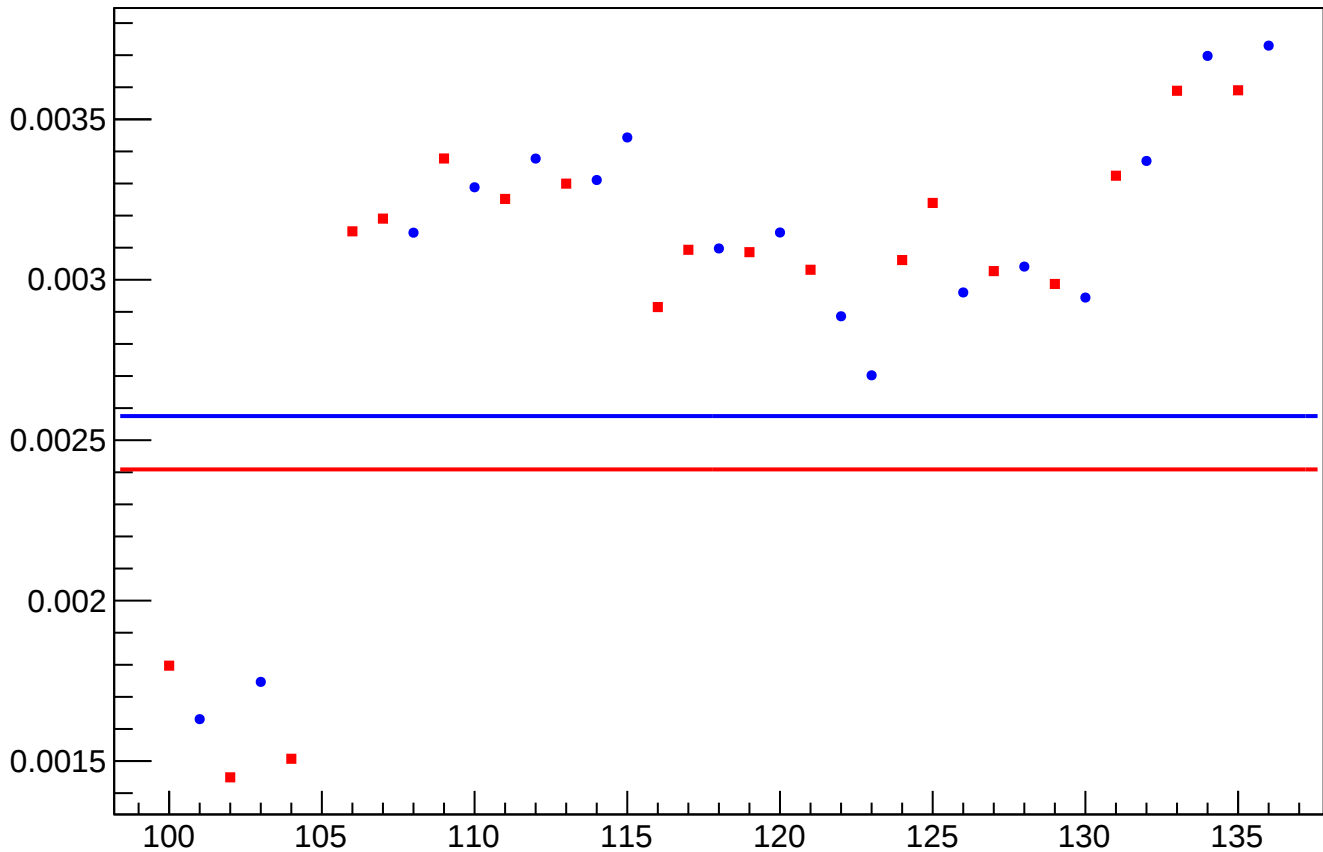
-1.543+/-0.000 χ^2/NDF : 287863012703.9

Right Out: -1.531+/-0.000 χ^2/NDF : 132613890066.4/18

-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: 0.003+/-0.000 χ^2/NDF : 1013833.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1453503.0/18

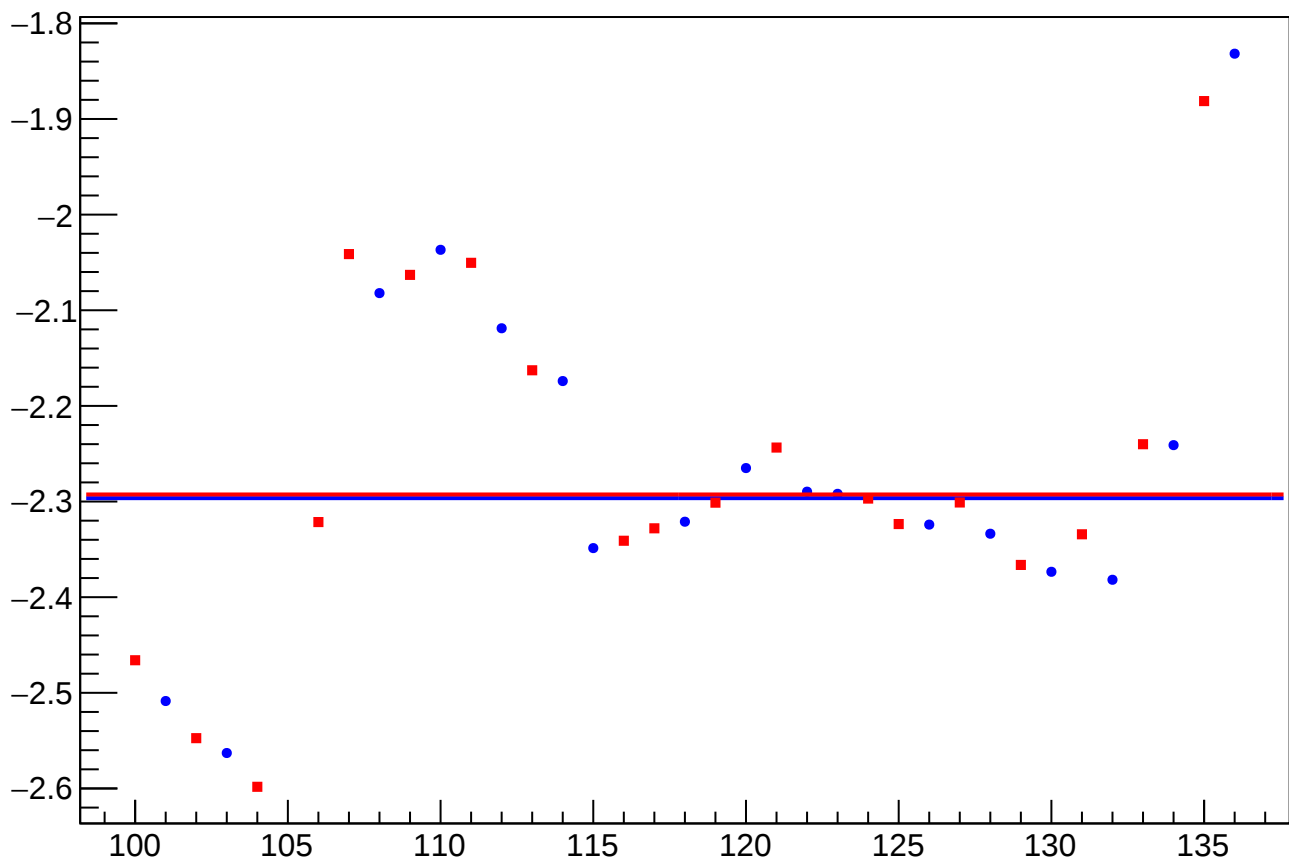
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 1013833.9/16

0.002+/-0.000 χ^2/NDF : 2492275.7/35

0.002+/-0.000 χ^2/NDF : 1453503.0/18

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.296+/-0.000 χ^2/NDF : 5782980938.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.293+/-0.000 χ^2/NDF : 5795913669.2/18

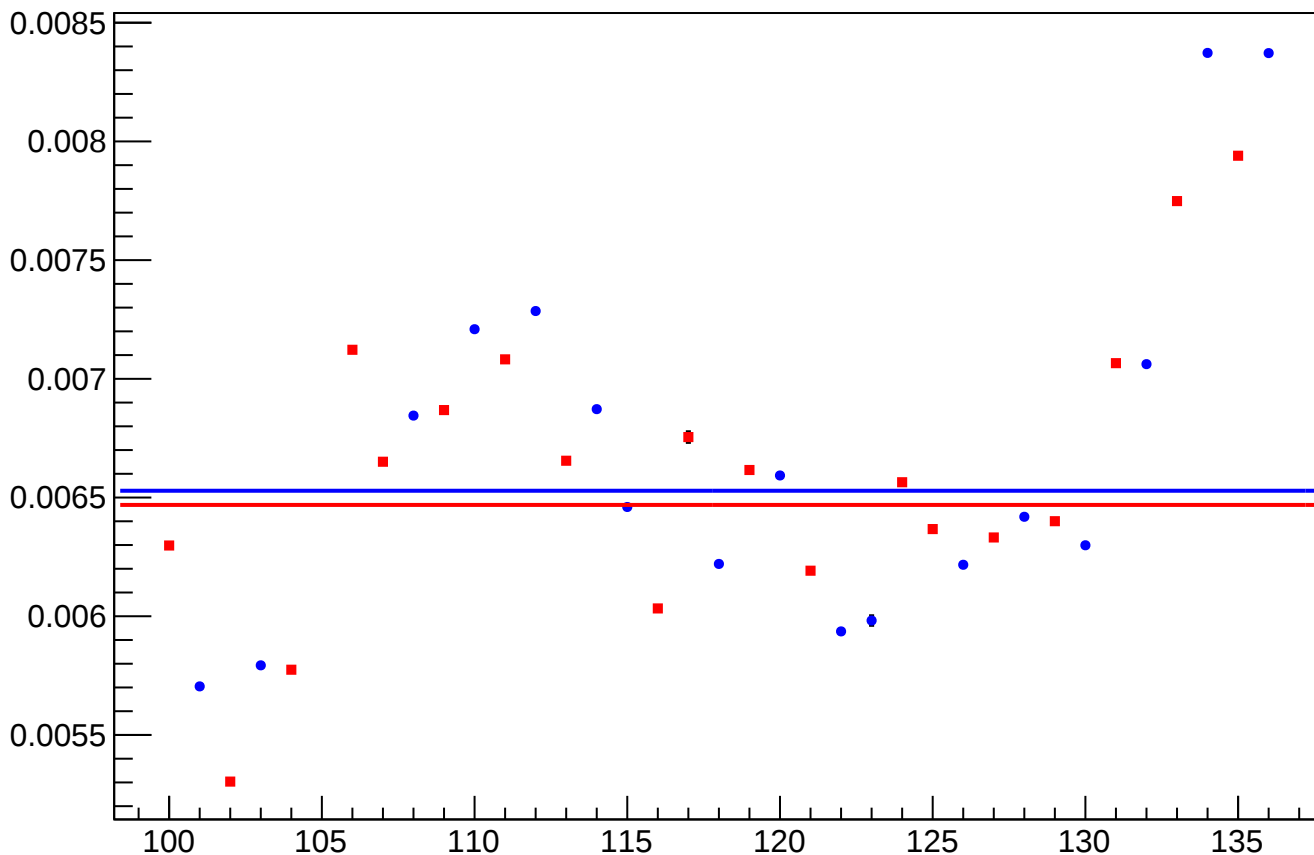
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.296+/-0.000 χ^2/NDF : 5782980938.4/16

-2.294+/-0.000 χ^2/NDF : 11580047922.9/3

-2.293+/-0.000 χ^2/NDF : 5795913669.2/18

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 176467.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 147108.5/18

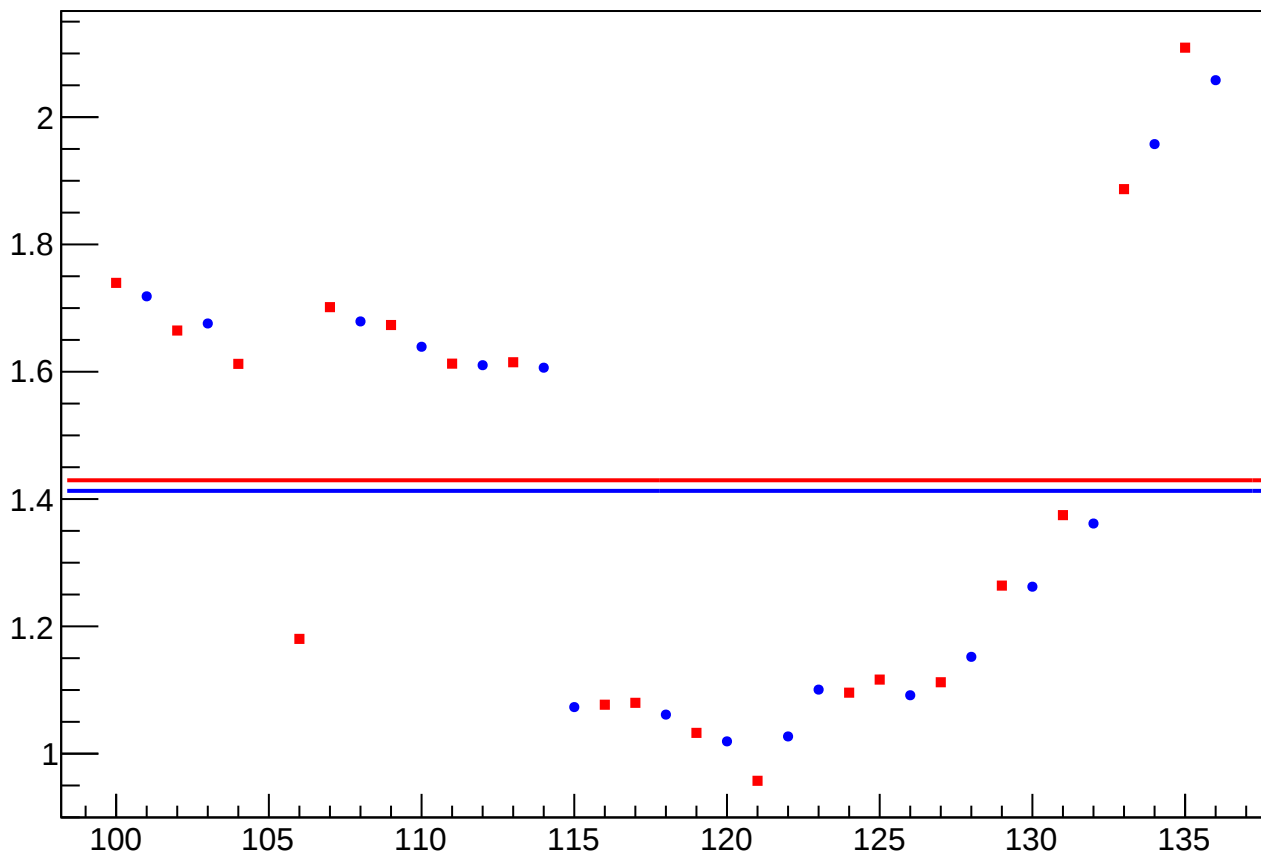
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 176467.7/16

0.006+/-0.000 χ^2/NDF : 324129.6/35

0.006+/-0.000 χ^2/NDF : 147108.5/18

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.429+/-0.000 χ^2/NDF : 163191552857.3/18

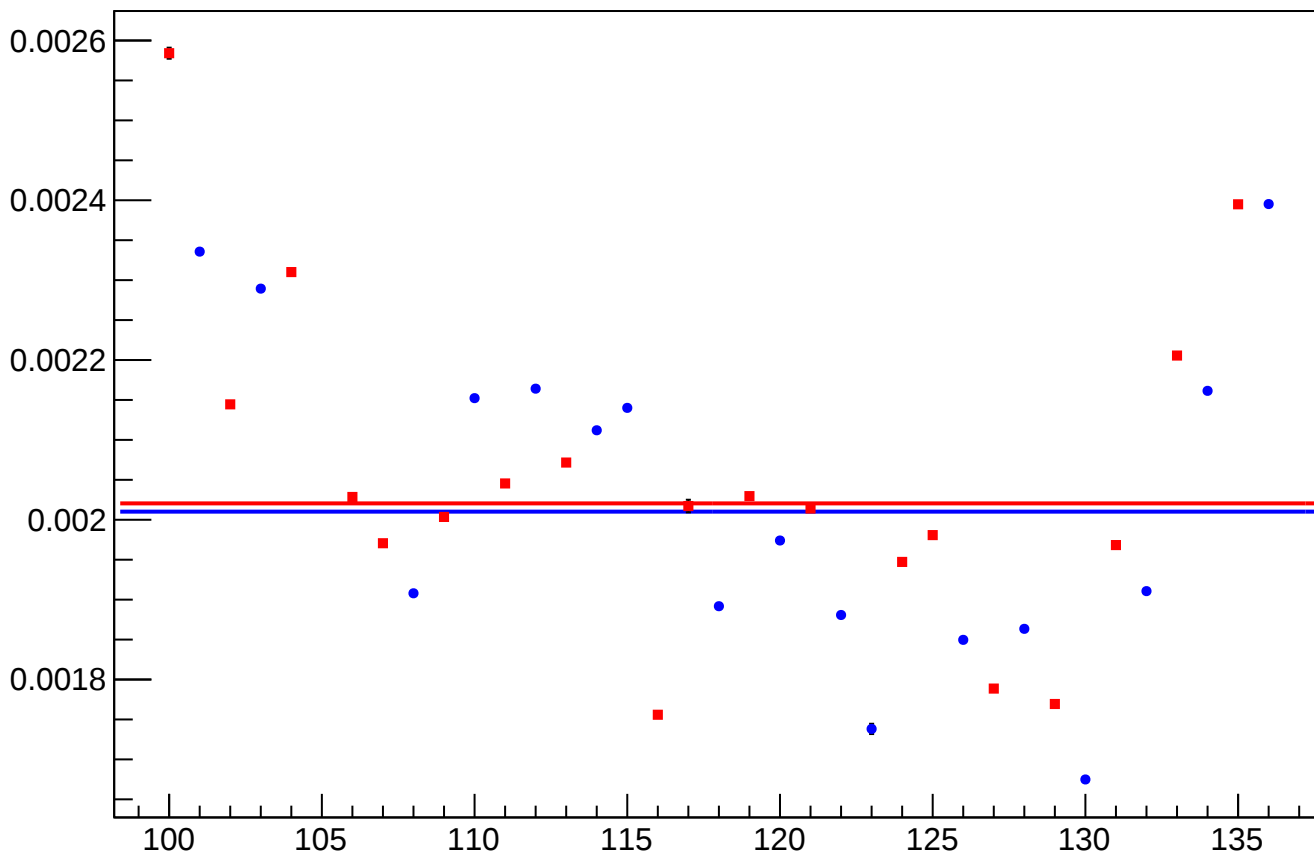
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.413+/-0.000 χ^2/NDF : 172560306608.0/16

1.421+/-0.000 χ^2/NDF : 335965158677.1/18

1.429+/-0.000 χ^2/NDF : 163191552857.3/18

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 152530.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 96930.2/18

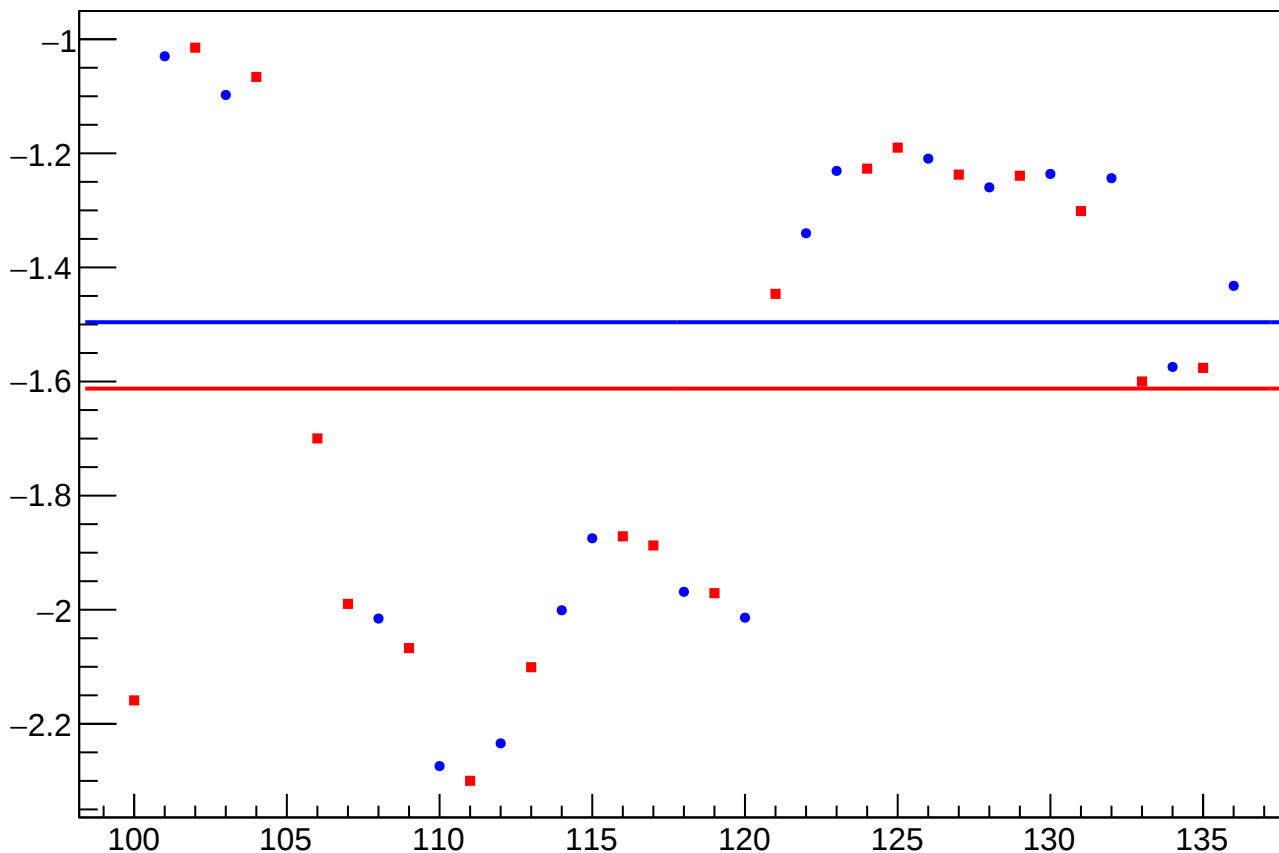
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 152530.4/16

0.002+/-0.000 χ^2/NDF : 249625.2/35

0.002+/-0.000 χ^2/NDF : 96930.2/18

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22525130000.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.612+/-0.000 χ^2/NDF : 27860881485.6/18

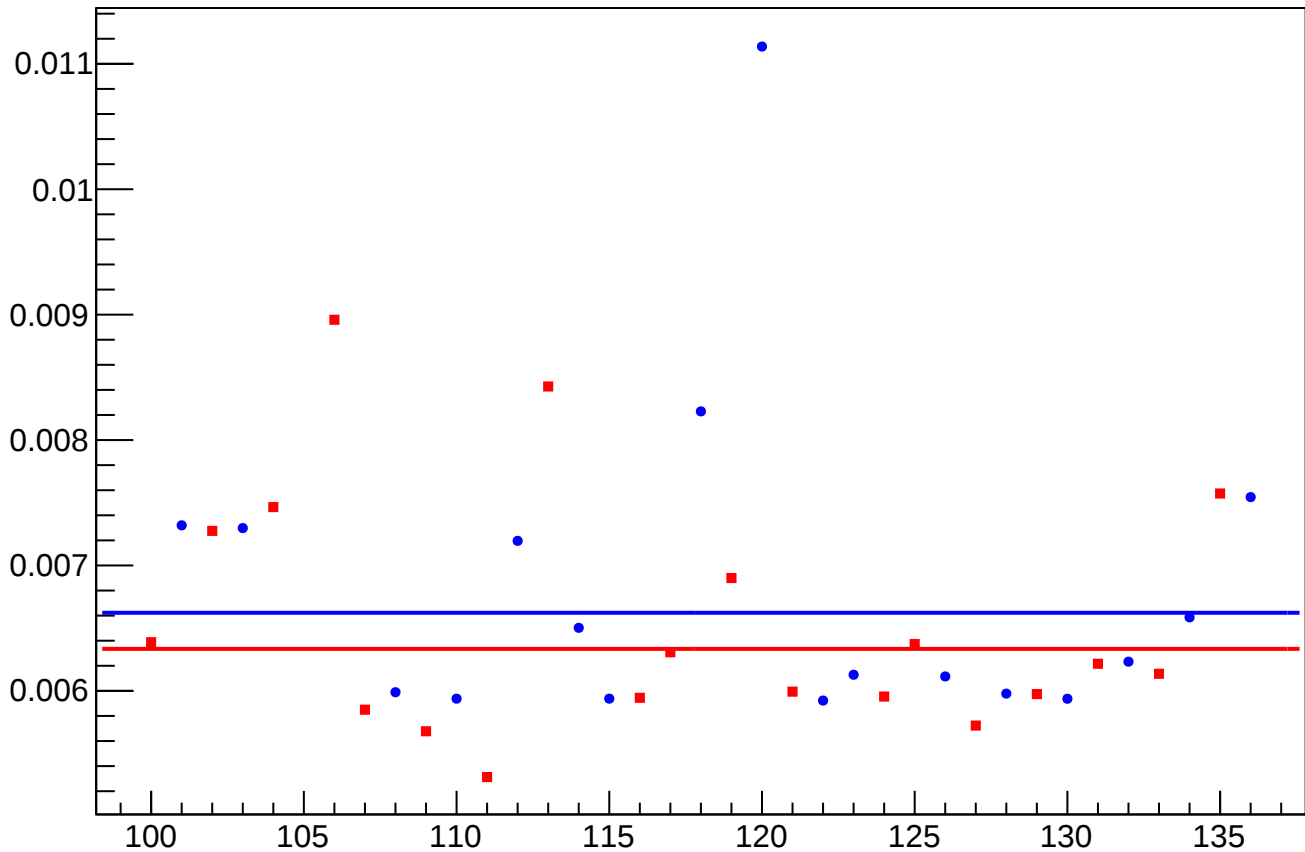
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.496+/-0.000 χ^2/NDF : 22525130000.3/16

-1.558+/-0.000 χ^2/NDF : 51393883098.4/16

-1.612+/-0.000 χ^2/NDF : 27860881485.6/18

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 232630.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 221992.5/18

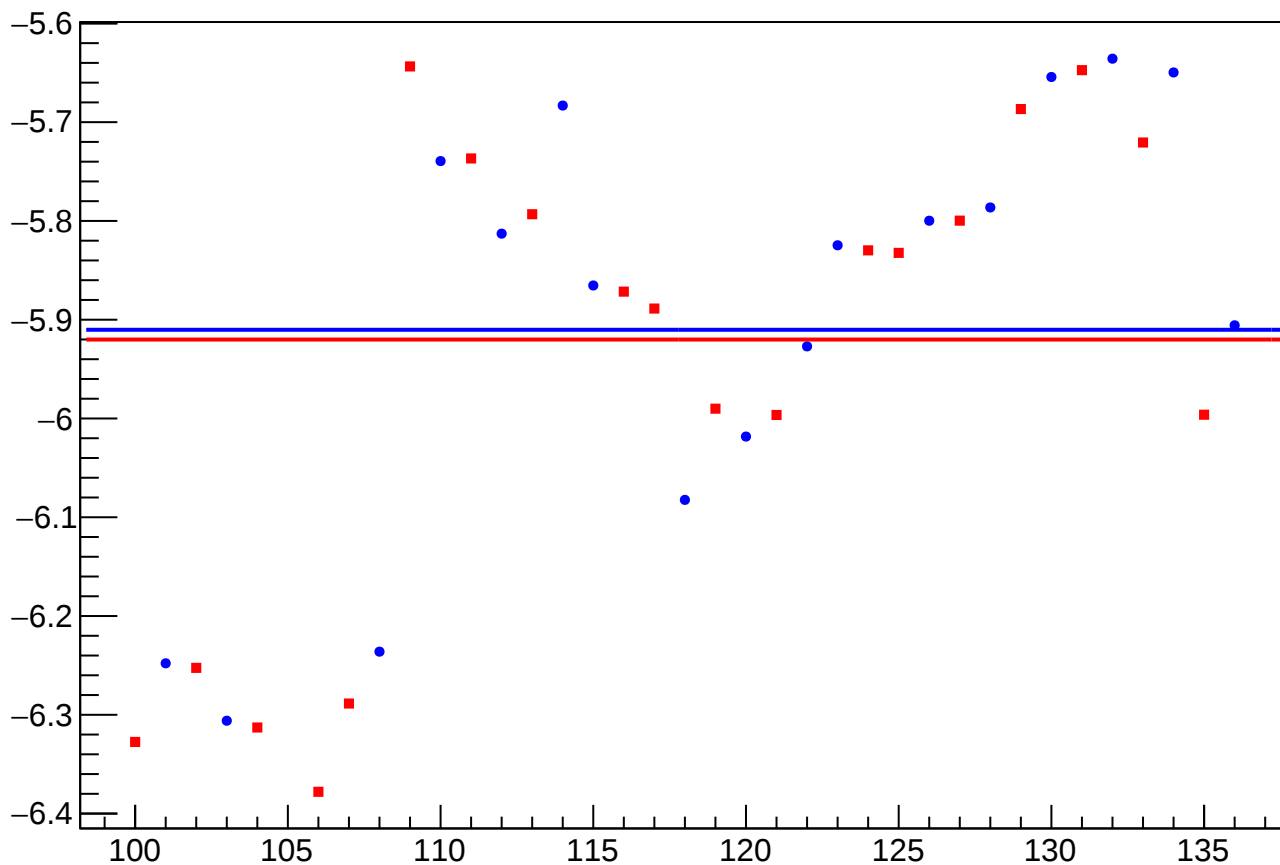
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 232630.4/16

0.006+/-0.000 χ^2/NDF : 466960.9/35

0.006+/-0.000 χ^2/NDF : 221992.5/18

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.910+/-0.000 χ^2 /NDF: 11154434512.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.920+/-0.000 χ^2 /NDF: 12785281807.5/18

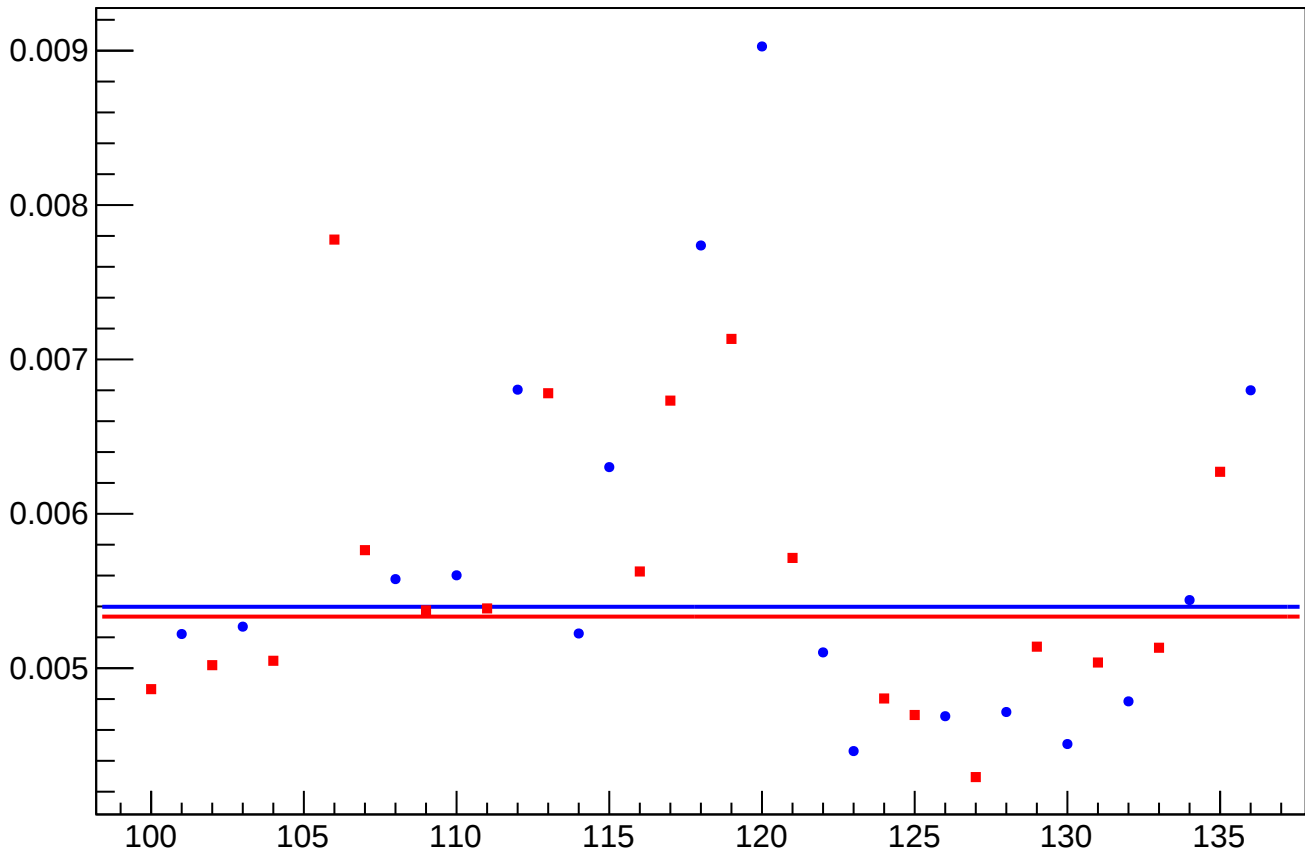
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.910+/-0.000 χ^2 /NDF: 11154434512.7/16

-5.915+/-0.000 χ^2 /NDF: 23950006214.8/16

-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 : 371347.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 244735.5/18

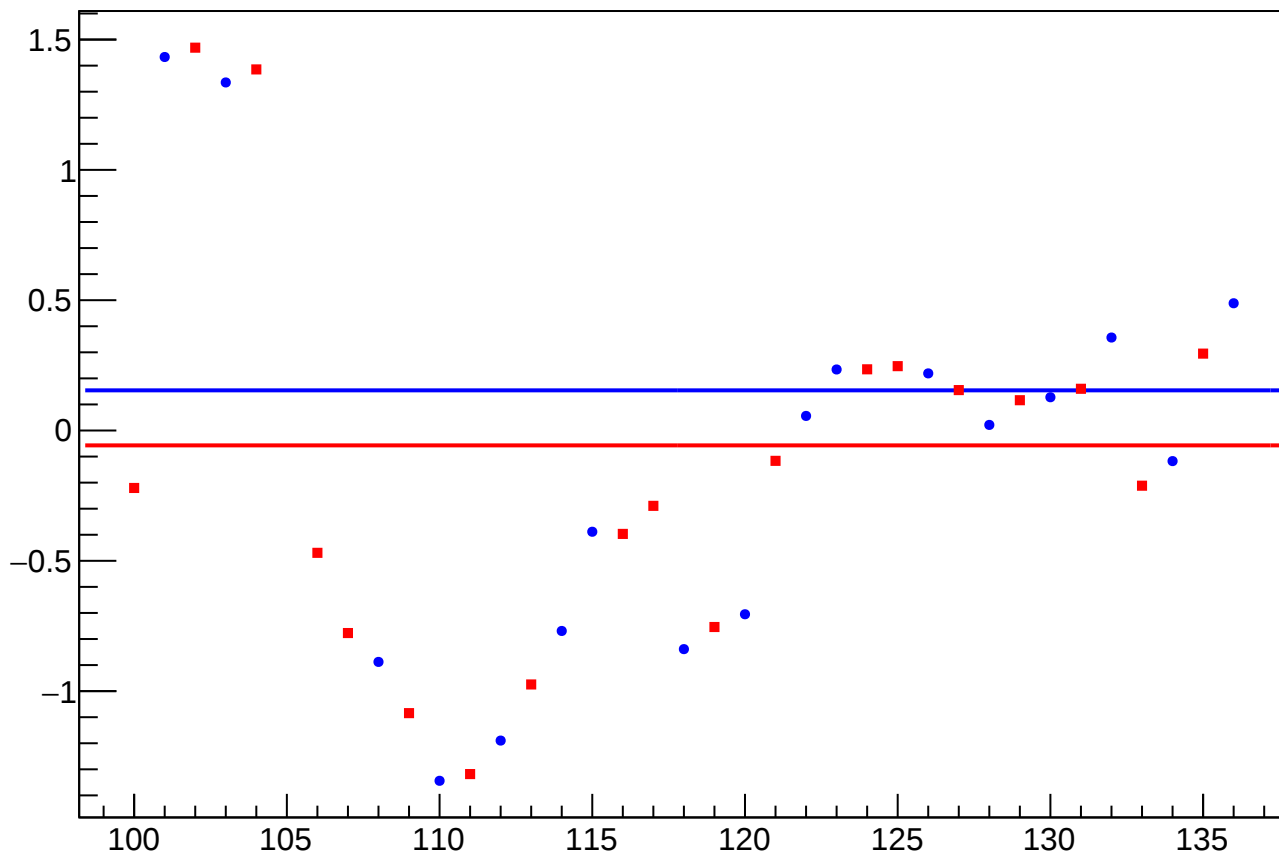
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 371347.4/16

0.005+/-0.000 χ^2/NDF : 616937.2/35

0.005+/-0.000 χ^2/NDF : 244735.5/18

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.154+/-0.000 χ^2/NDF : 16988256953.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.000 χ^2/NDF : 21061014360.4/18

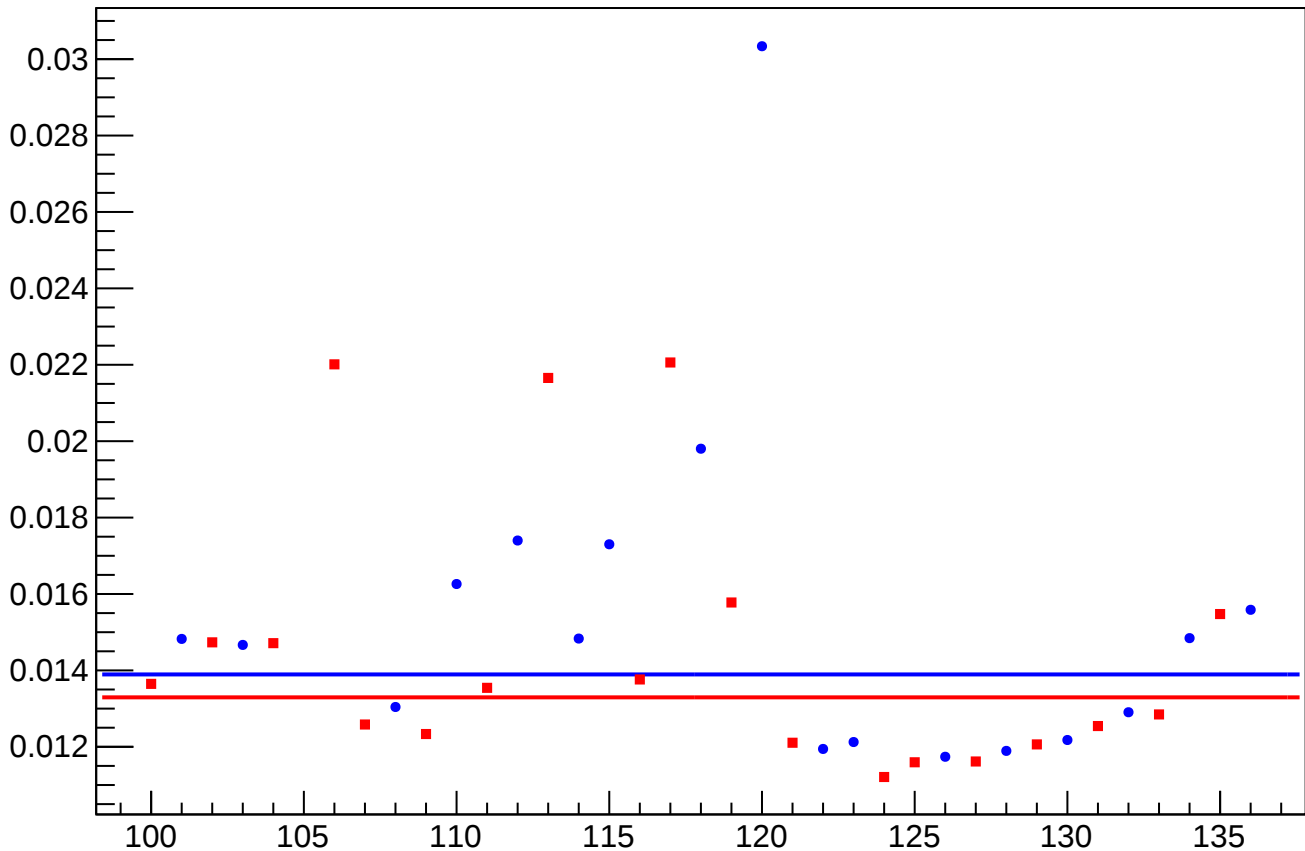
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-0.000 χ^2/NDF : 16988256953.8/16

0.040+/-0.000 χ^2/NDF : 38785008155.9/3

-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 : 400569.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 297708.7/18

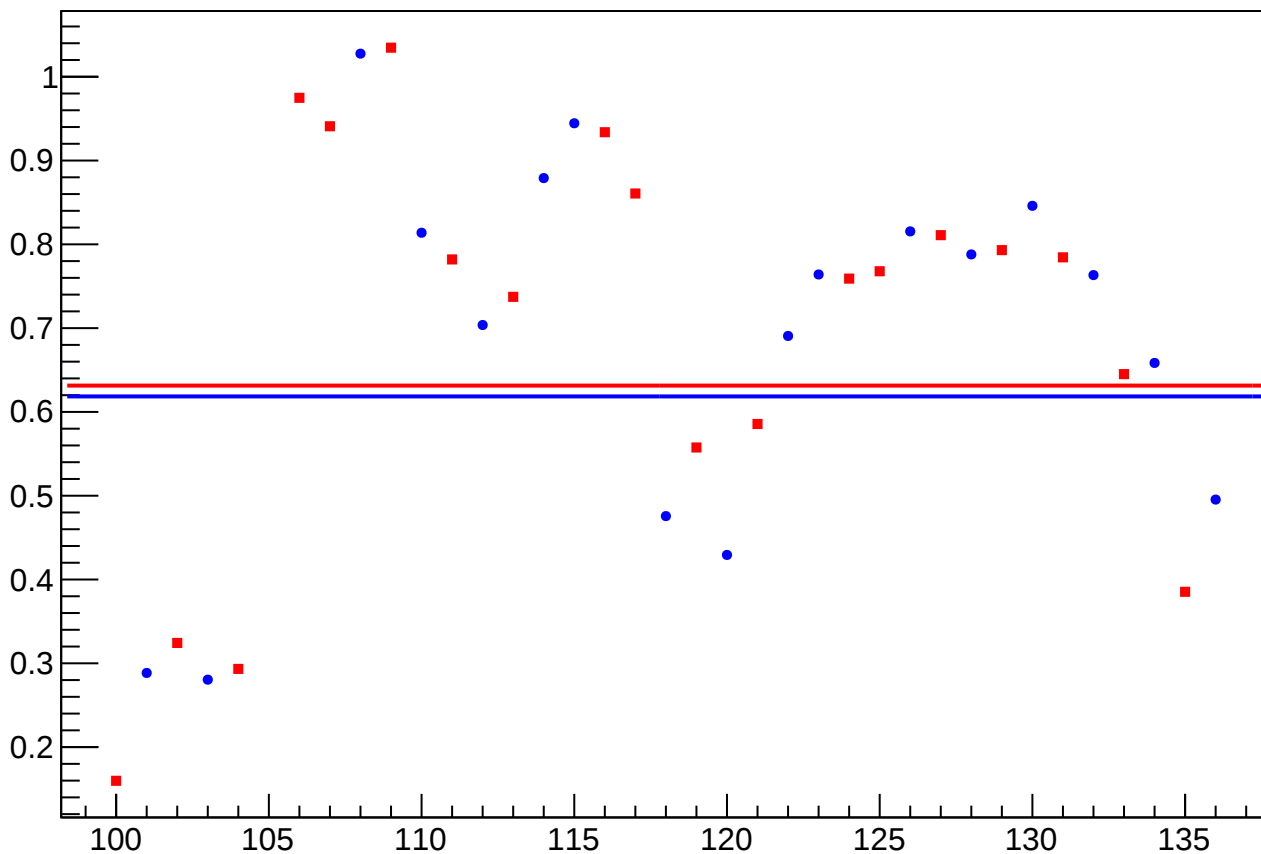
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 400569.4/16

0.014+/-0.000 χ^2/NDF : 710159.1/35

0.013+/-0.000 χ^2/NDF : 297708.7/18

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.631+/-0.000 χ^2/NDF : 6291017661.4/18

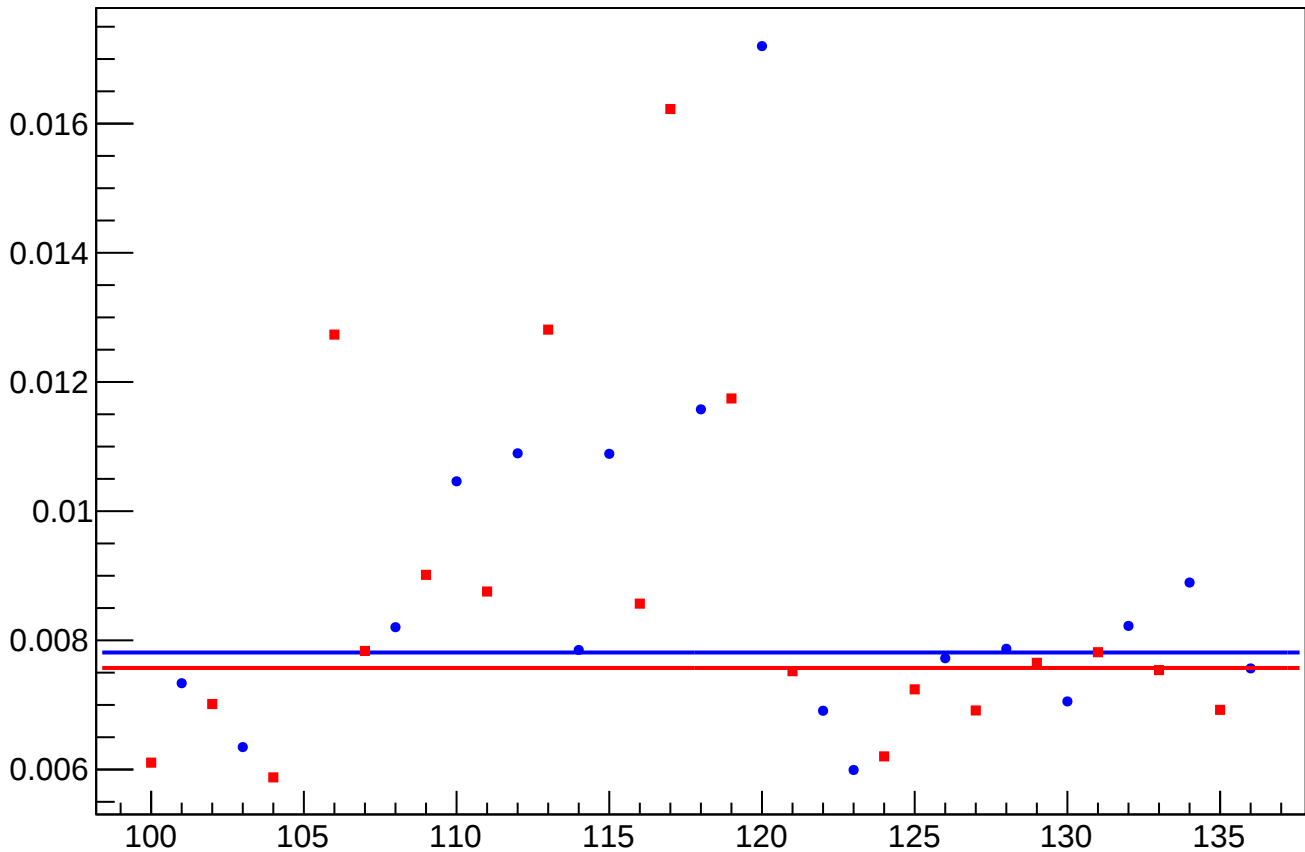
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.619+/-0.000 χ^2/NDF : 5416939288.1/16

0.625+/-0.000 χ^2/NDF : 11716320215.6/3

0.631+/-0.000 χ^2/NDF : 6291017661.4/18

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 466827.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 461866.9/18

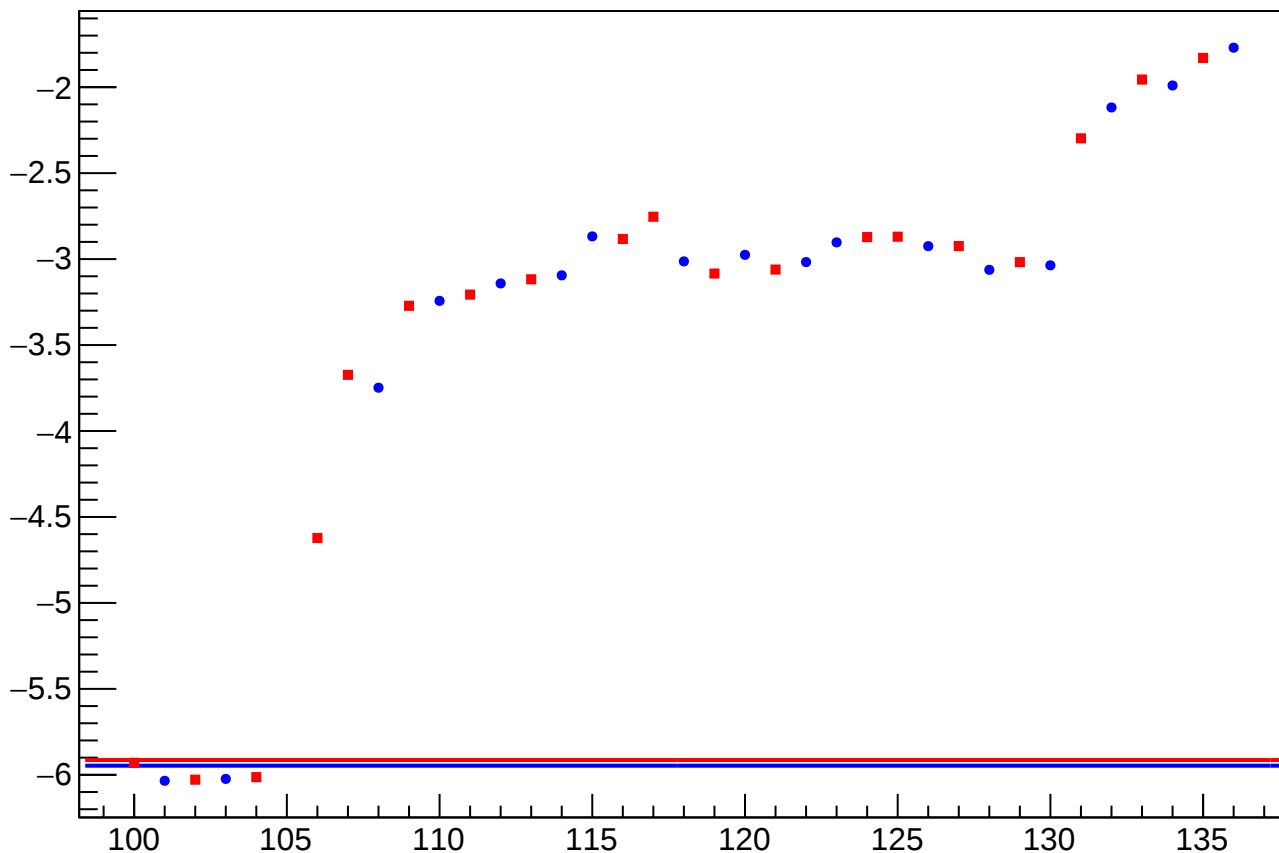
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 466827.3/16

0.008+/-0.000 χ^2/NDF : 934439.5/35

0.008+/-0.000 χ^2/NDF : 461866.9/18

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.947+/-0.000 χ^2/NDF : 13165963559.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.914+/-0.000 χ^2/NDF : 14376214574.6/18

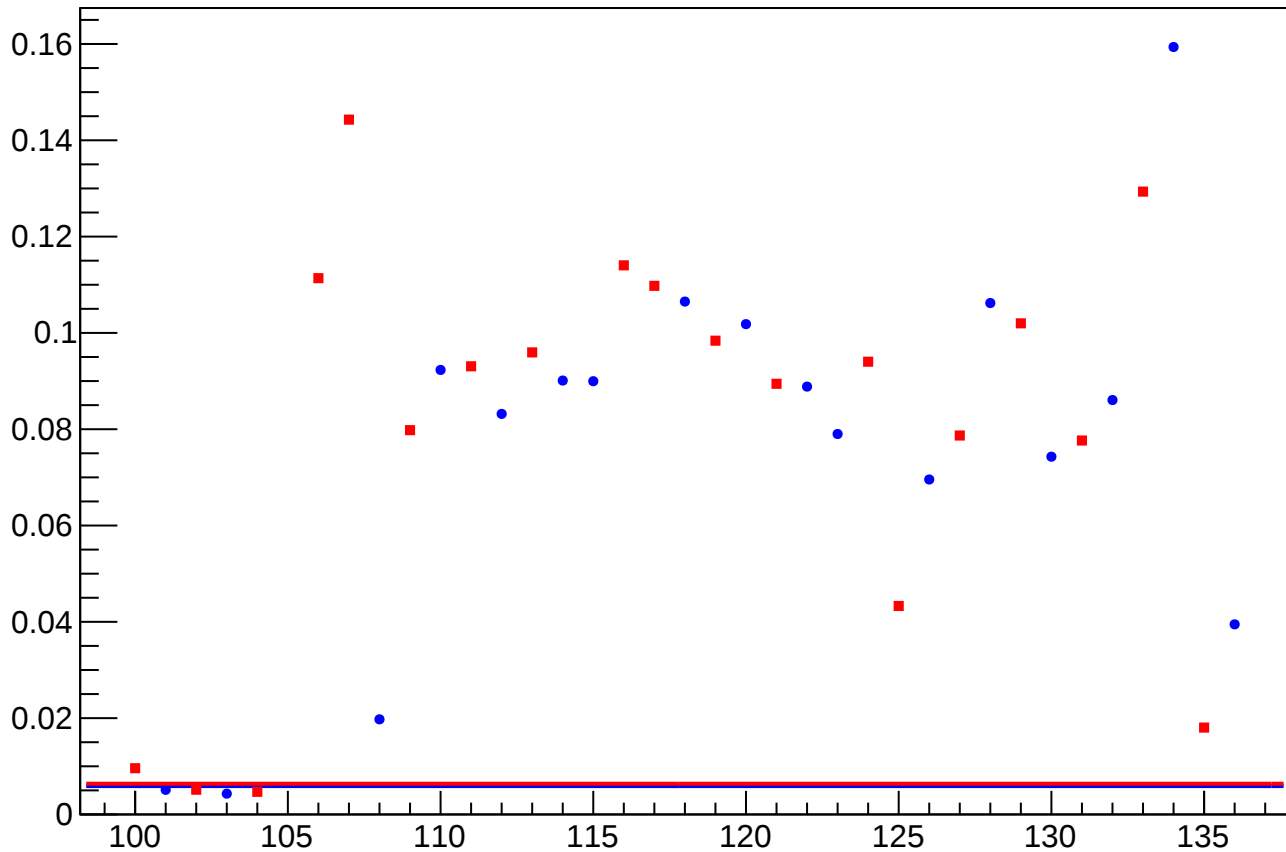
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.947+/-0.000 χ^2/NDF : 13165963559.5/16

-5.932+/-0.000 χ^2/NDF : 27565143974.1/16

-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 : 7934545.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8267427.8/18

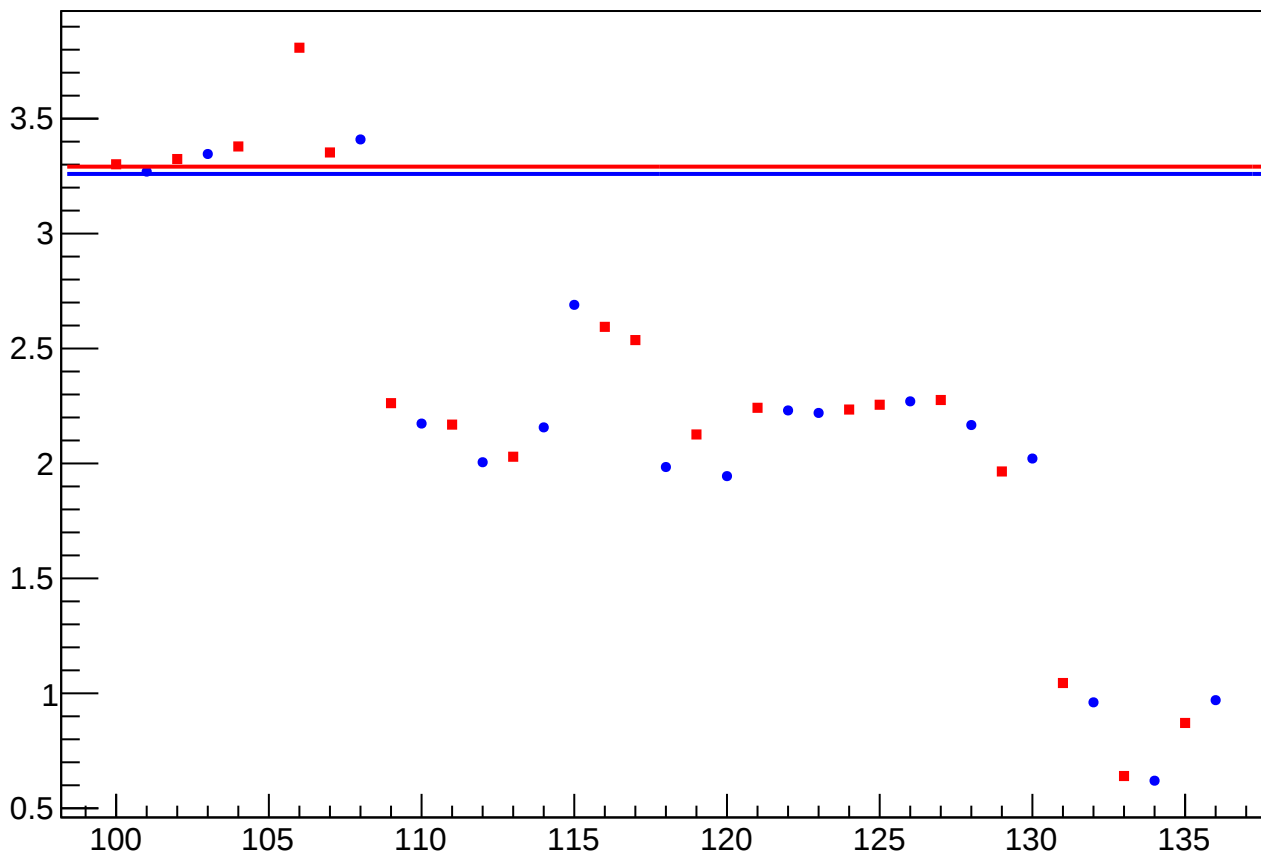
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7934545.2/16

0.006+/-0.000 χ^2/NDF : 16212240.2/35

0.006+/-0.000 χ^2/NDF : 8267427.8/18

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.259+/-0.000 χ^2/NDF : 2921931976.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.291+/-0.000 χ^2/NDF : 3183349620.2/18

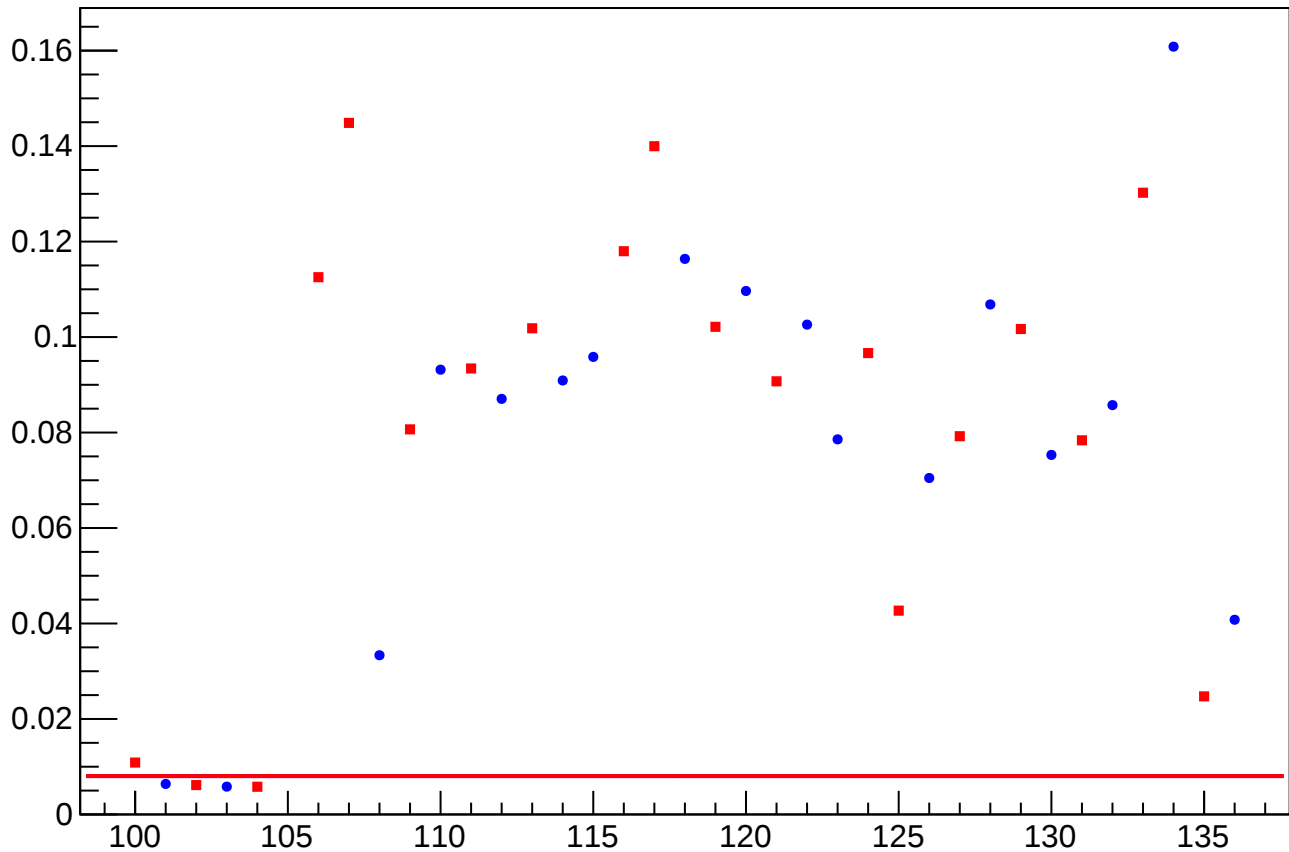
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.259+/-0.000 χ^2/NDF : 2921931976.8/16

3.275+/-0.000 χ^2/NDF : 6119184430.6/35

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 : 7742048.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8087195.8/18

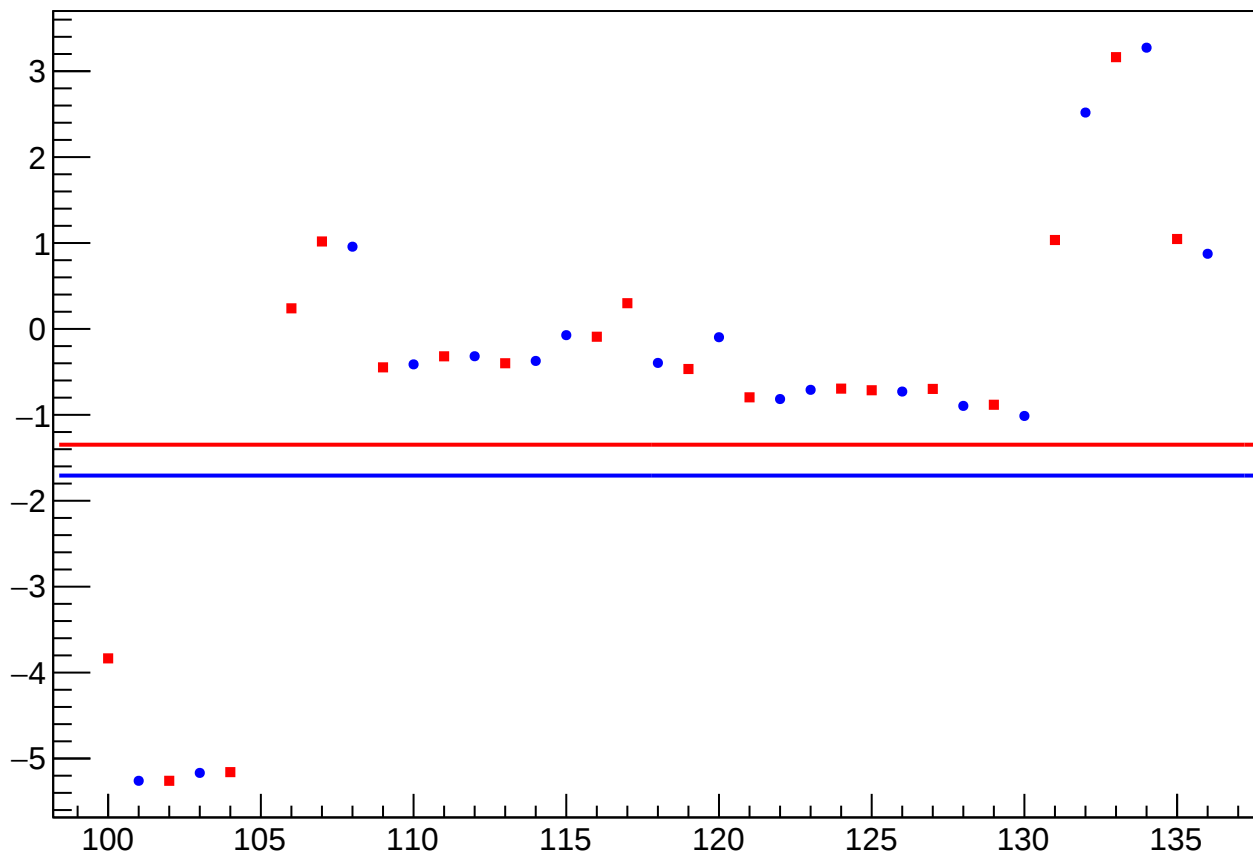
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7742048.1/16

0.008+/-0.000 χ^2/NDF : 15829243.9/35

0.008+/-0.000 χ^2/NDF : 8087195.8/18

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.707+/-0.000 χ^2/NDF : 166125579390.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.707+/-0.000 χ^2/NDF : 166125579390.4/16

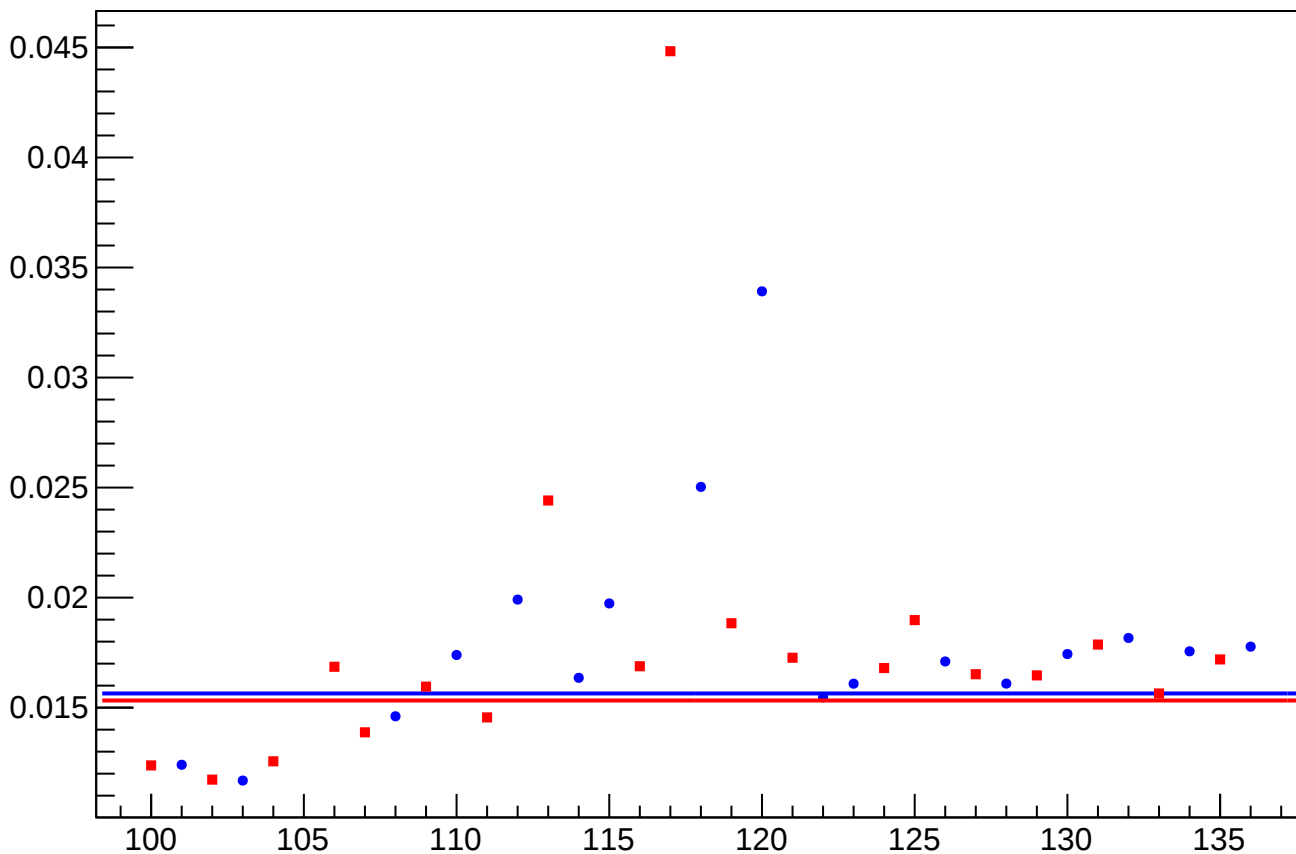
-1.517+/-0.000 χ^2/NDF : 342927633259.8

Right Out: -1.348+/-0.000 χ^2/NDF : 175236346805.3/18

-1.348+/-0.000 χ^2/NDF : 175236346805.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 578244.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 383866.4/18

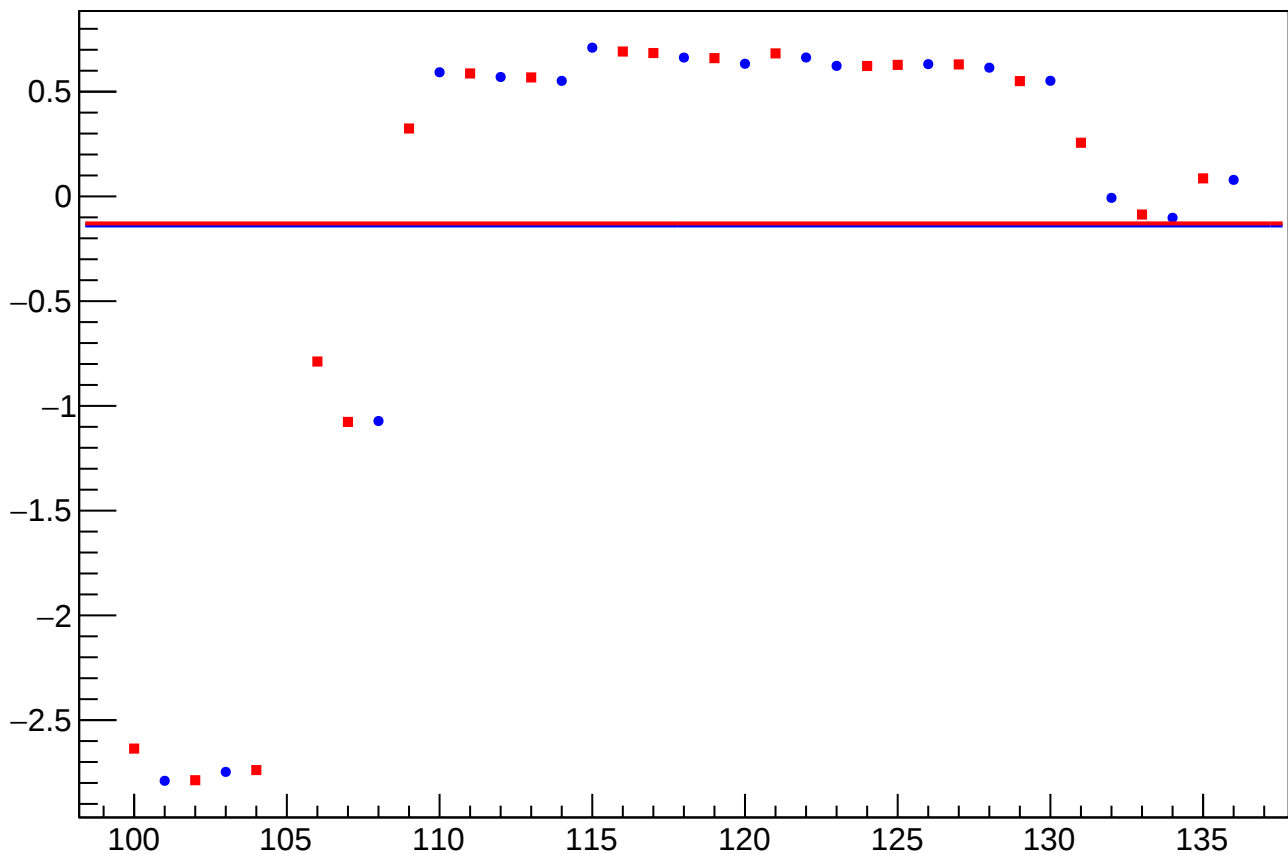
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 578244.3/16

0.015+/-0.000 χ^2/NDF : 964585.9/35

0.015+/-0.000 χ^2/NDF : 383866.4/18

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.000 χ^2/NDF : 715049983856.2/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.139+/-0.000 χ^2/NDF : 715049983856.2/16

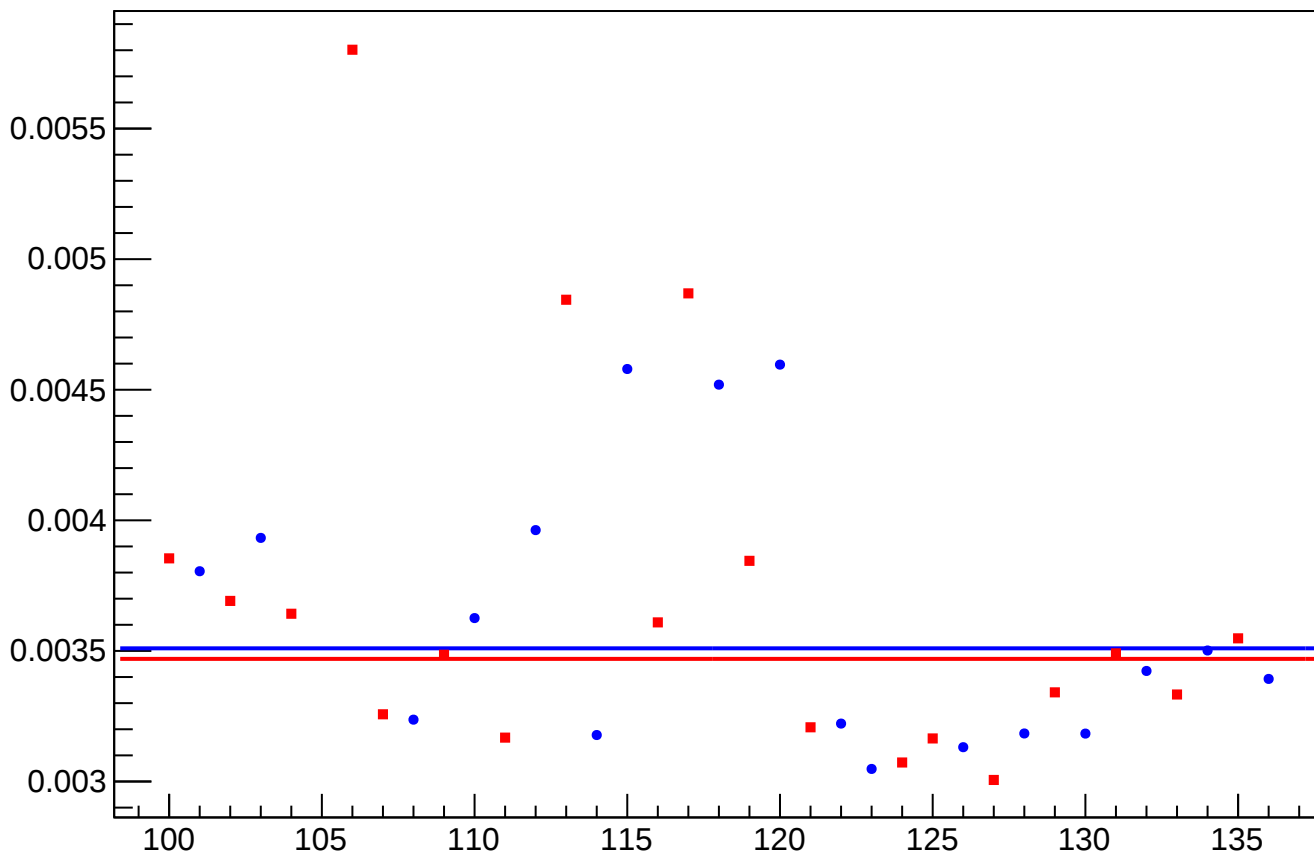
Right Out: -0.129+/-0.000 χ^2/NDF : 761873184054.0/18

-0.134+/-0.000 χ^2/NDF : 1476949062963.0/16

-0.129+/-0.000 χ^2/NDF : 761873184054.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 171337.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 222034.2/18

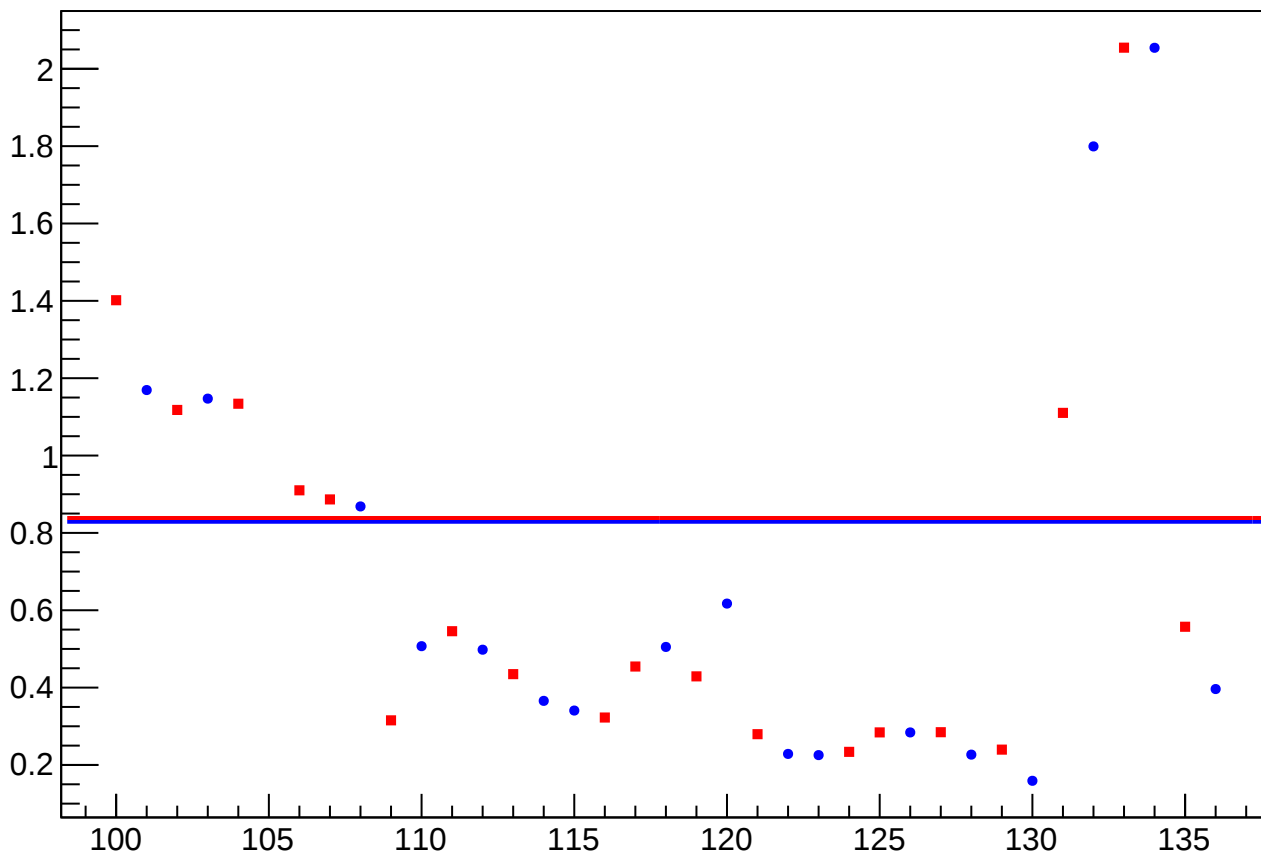
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 171337.9/16

0.003+/-0.000 χ^2/NDF : 394234.8/35

0.003+/-0.000 χ^2/NDF : 222034.2/18

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.839+/-0.000 χ^2/NDF : 32743665743.4/18

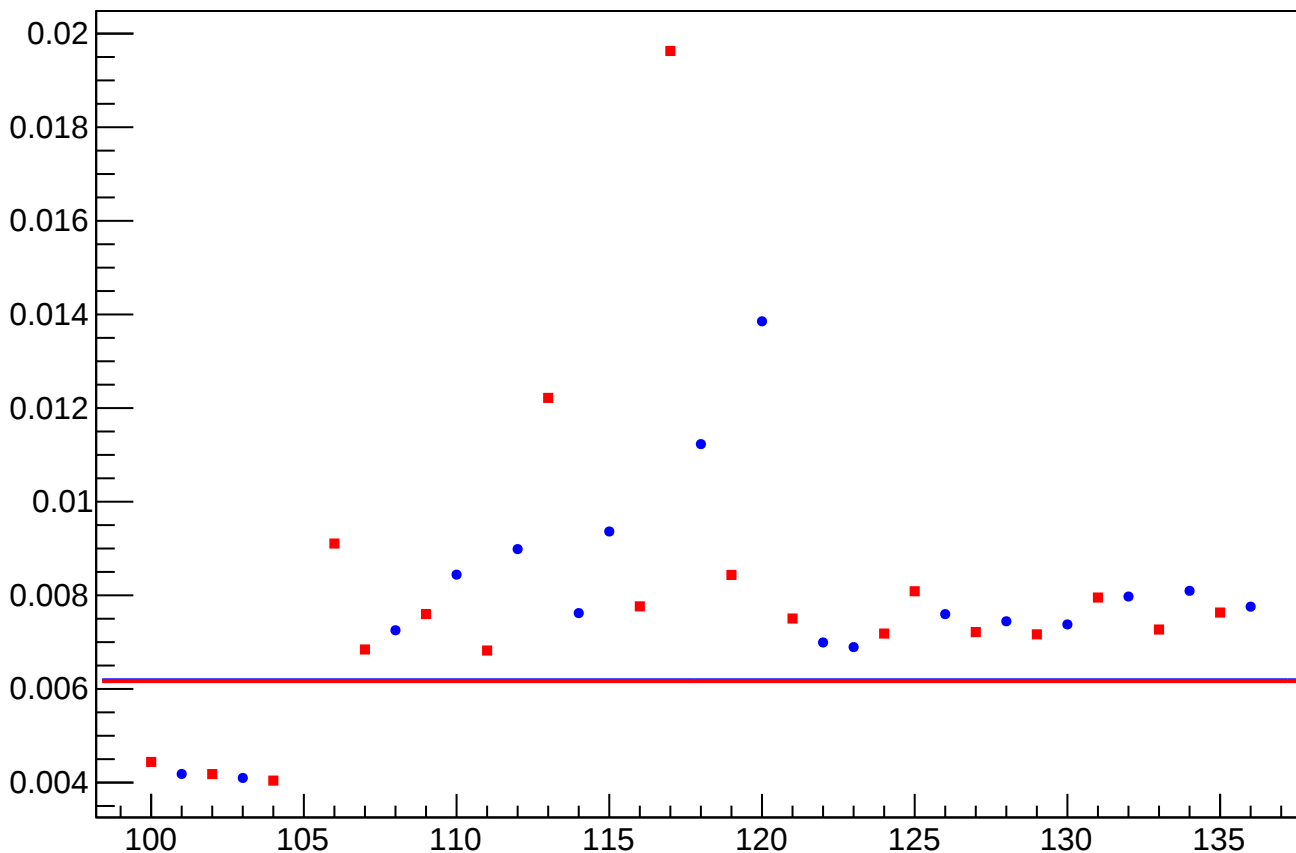
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.829+/-0.000 χ^2/NDF : 31718573821.2/16

0.834+/-0.000 χ^2/NDF : 64468994632.3/3

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 : 1228962.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1053477.0/18

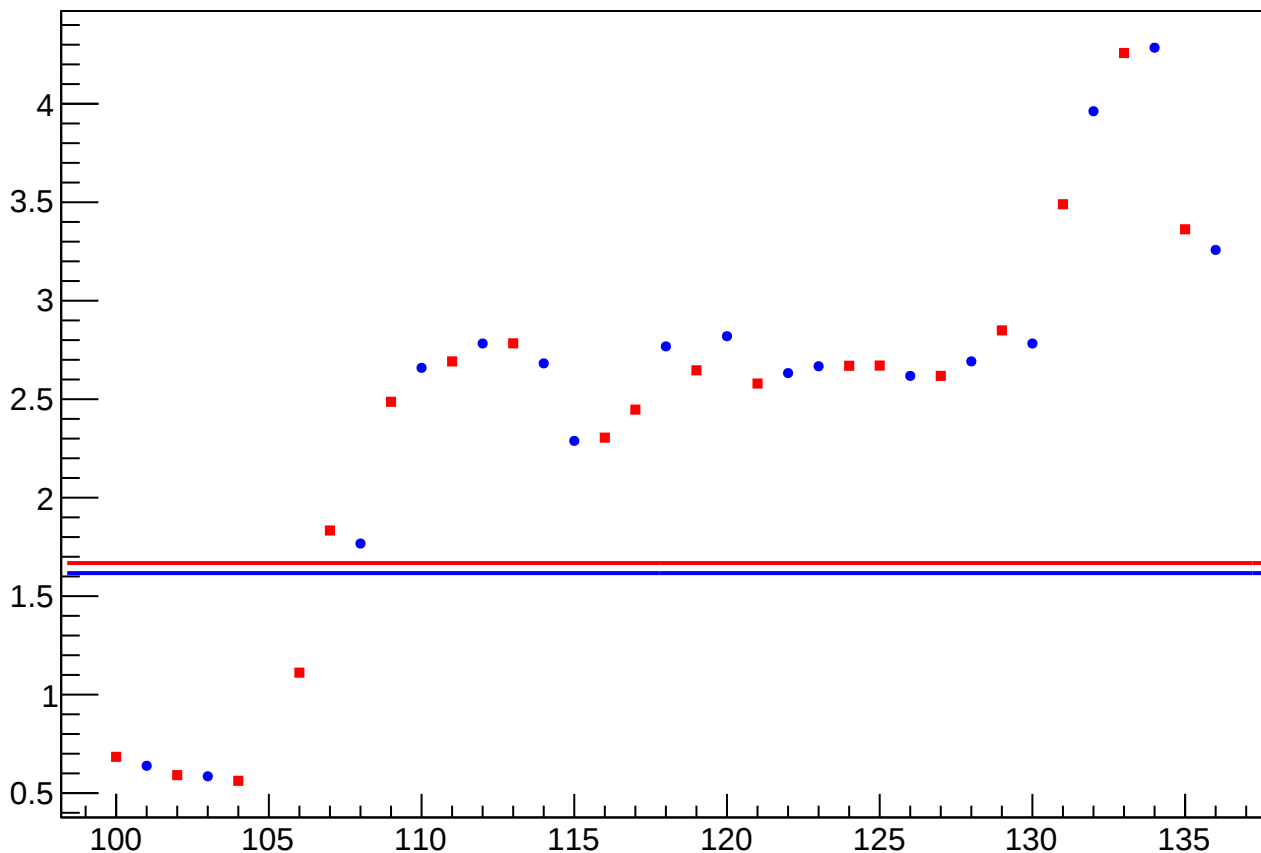
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1228962.4/16

0.006+/-0.000 χ^2/NDF : 2282481.9/35

0.006+/-0.000 χ^2/NDF : 1053477.0/18

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.617+/-0.000 χ^2/NDF : 202886791000.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.617+/-0.000 χ^2/NDF : 202886791000.7/16

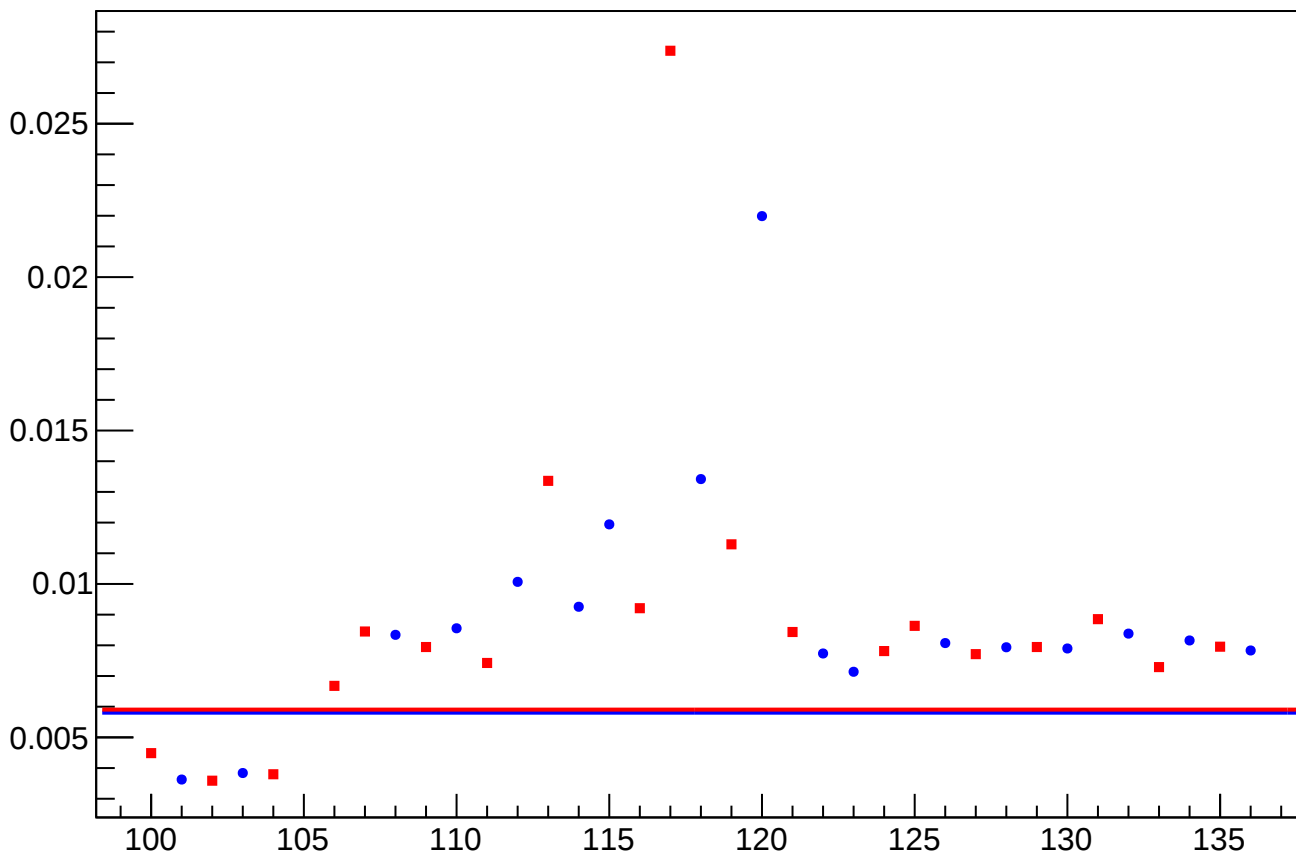
1.643+/-0.000 χ^2/NDF : 423419653442.2/16

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 : 1917989.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1715330.4/18

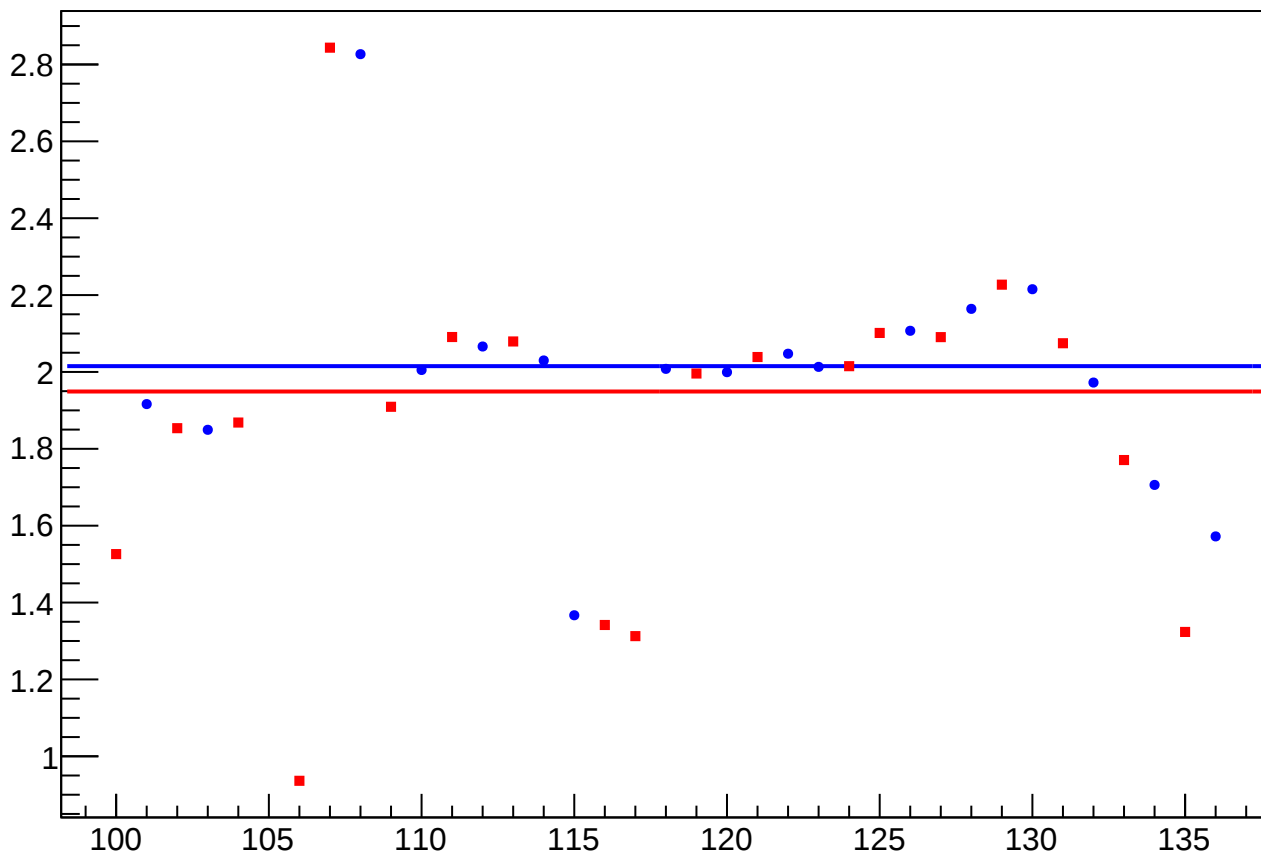
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1917989.1/16

0.006+/-0.000 χ^2/NDF : 3634774.1/35

0.006+/-0.000 χ^2/NDF : 1715330.4/18

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.015+/-0.000 χ^2/NDF : 12228403202.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.015+/-0.000 χ^2/NDF : 12228403202.6/16

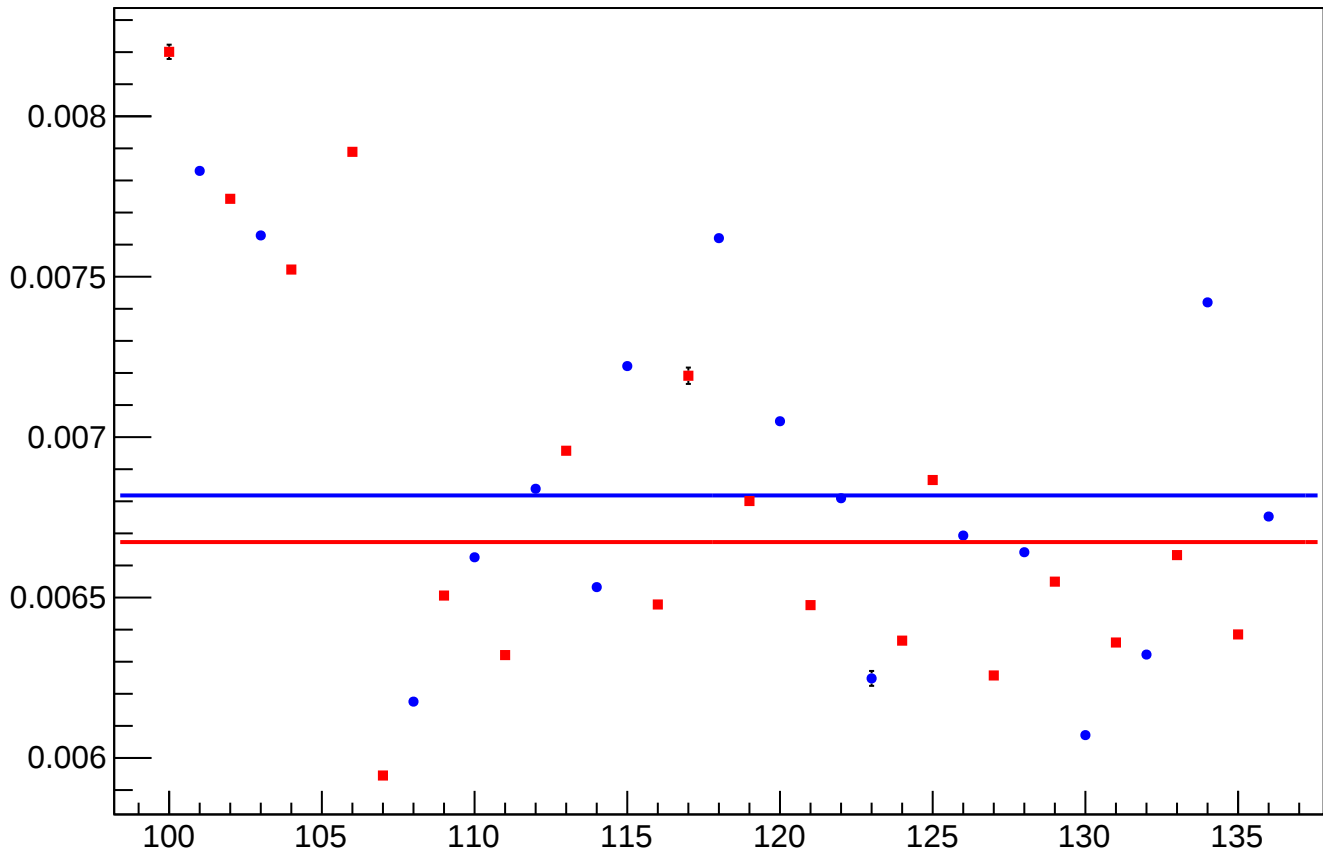
1.981+/-0.000 χ^2/NDF : 33802326995.4/3

Right Out: 1.949+/-0.000 χ^2/NDF : 21263047374.0/18

1.949+/-0.000 χ^2/NDF : 21263047374.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 75813.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 75266.2/18

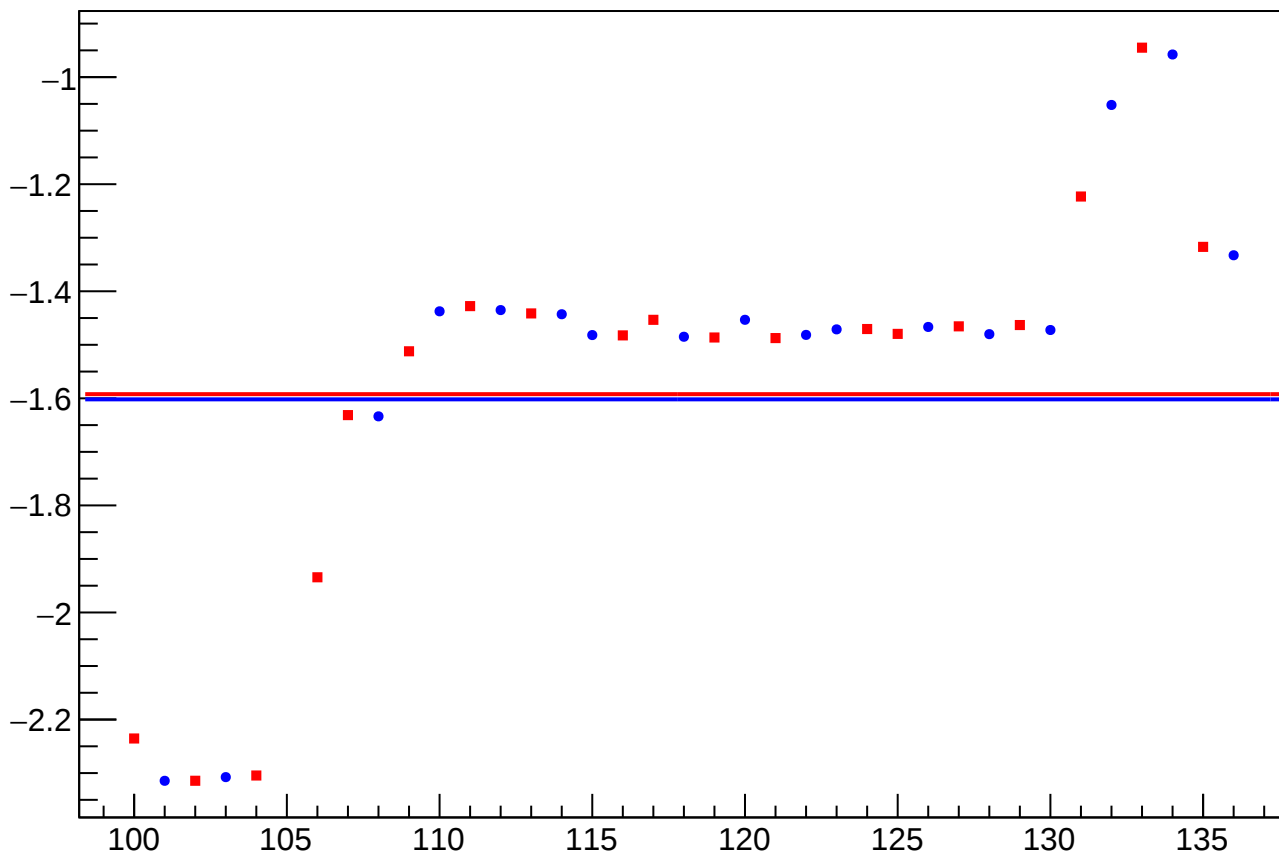
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 75813.9/16

0.007+/-0.000 χ^2/NDF : 154095.8/35

0.007+/-0.000 χ^2/NDF : 75266.2/18

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.602+/-0.000 χ^2/NDF : 140200656044.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.602+/-0.000 χ^2/NDF : 140200656044.3/16

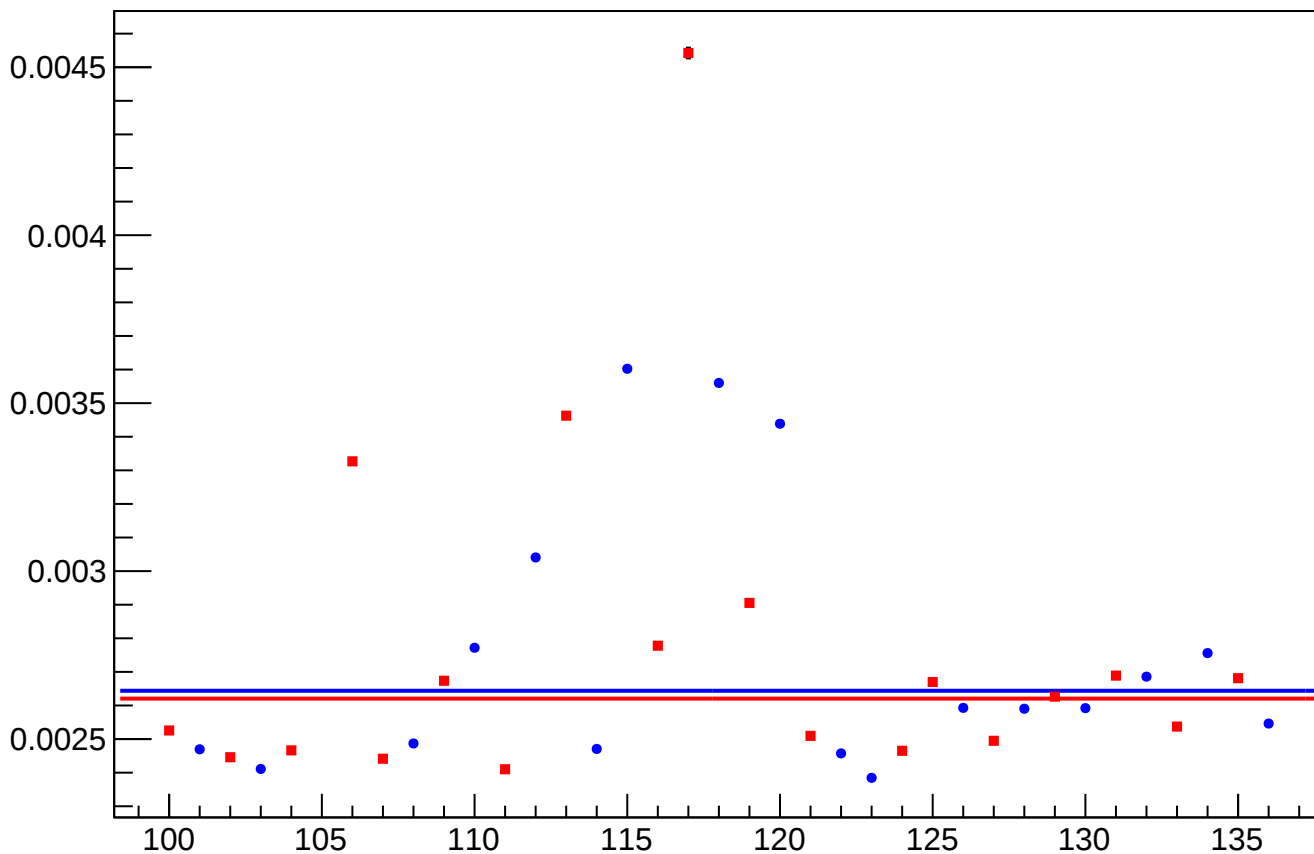
-1.597+/-0.000 χ^2/NDF : 281763545726.4

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 : 151383.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 118789.5/18

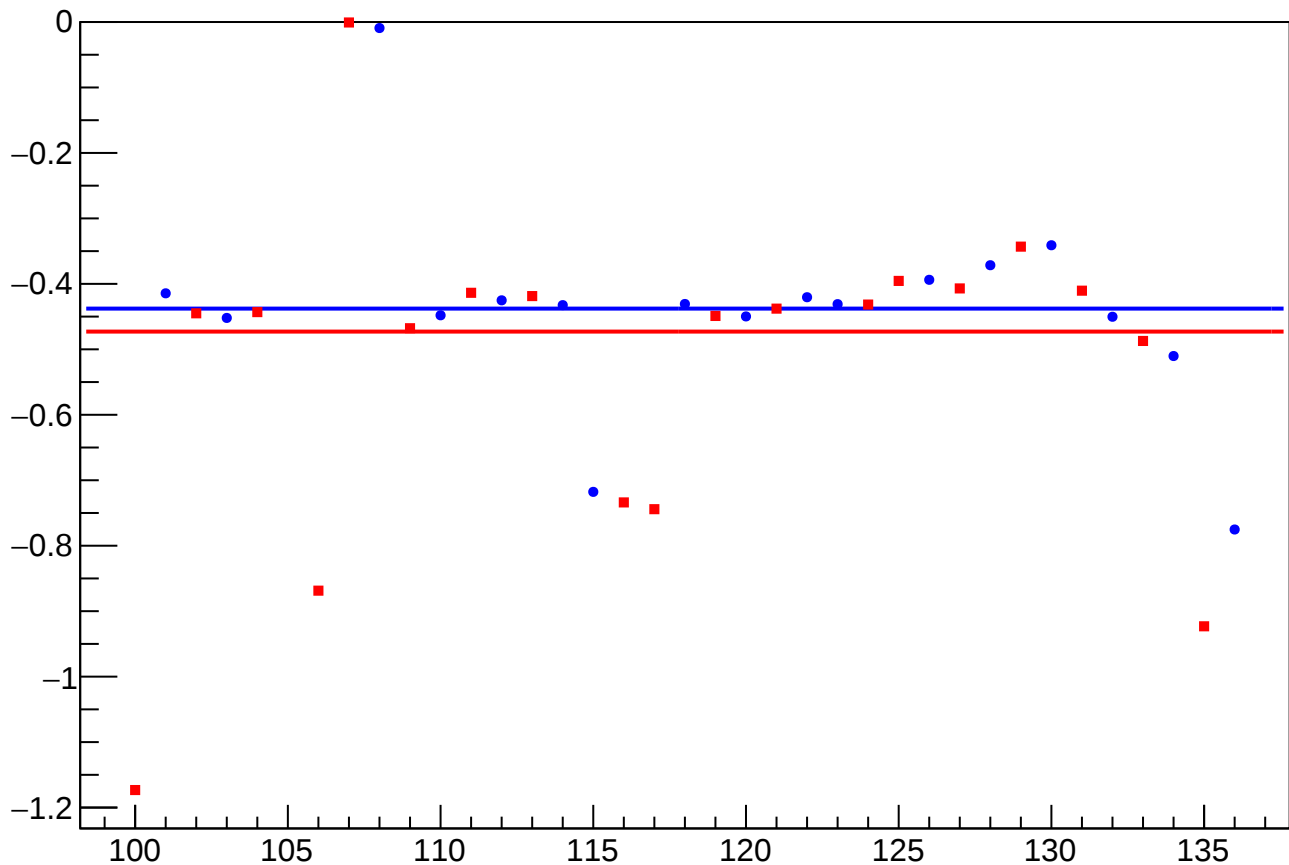
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 151383.5/16

0.003+/-0.000 χ^2/NDF : 270675.2/35

0.003+/-0.000 χ^2/NDF : 118789.5/18

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.438+/-0.000 χ^2/NDF : 1462454117.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.473+/-0.000 χ^2/NDF : 2447877183.9/18

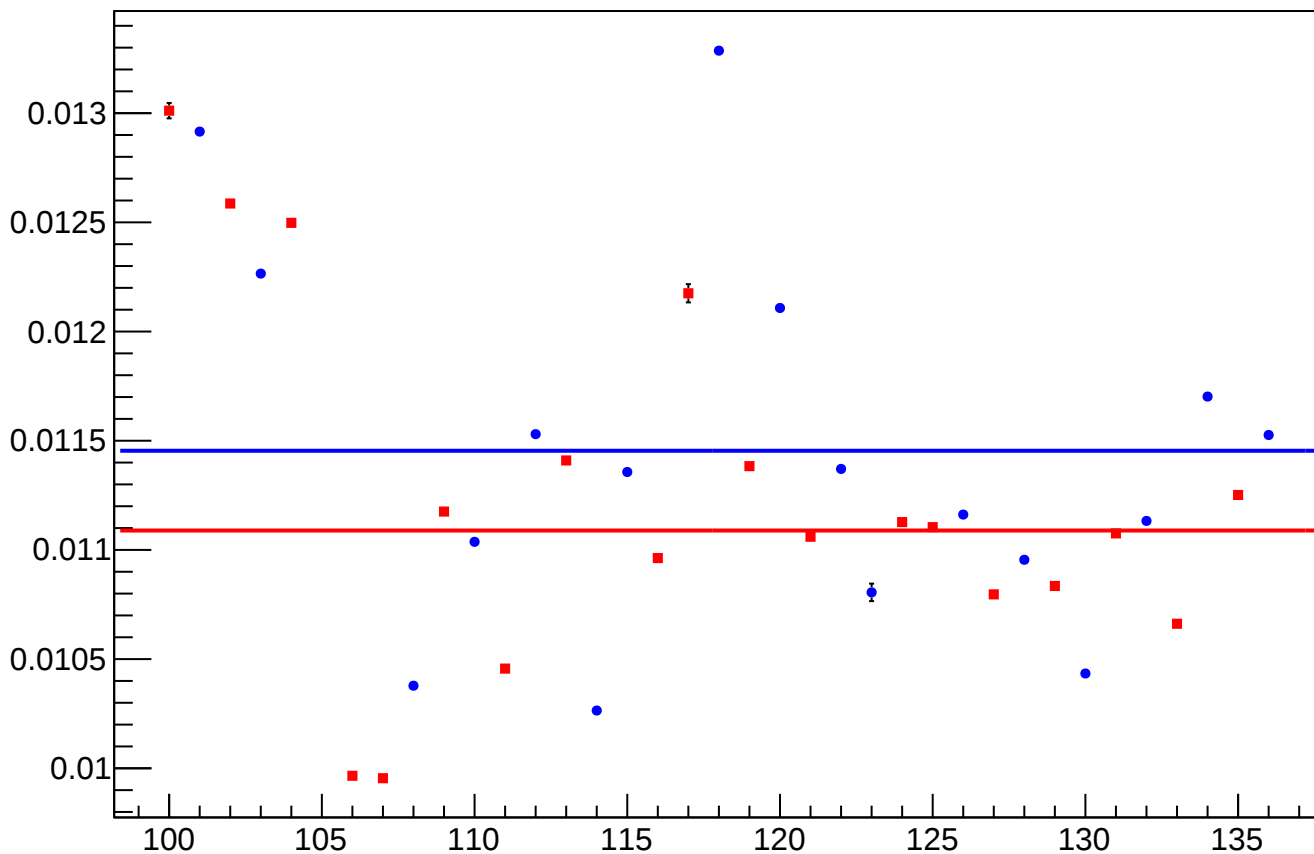
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.438+/-0.000 χ^2/NDF : 1462454117.6/16

-0.456+/-0.000 χ^2/NDF : 3942473402.5/39

-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 : 64687.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 54598.6/18

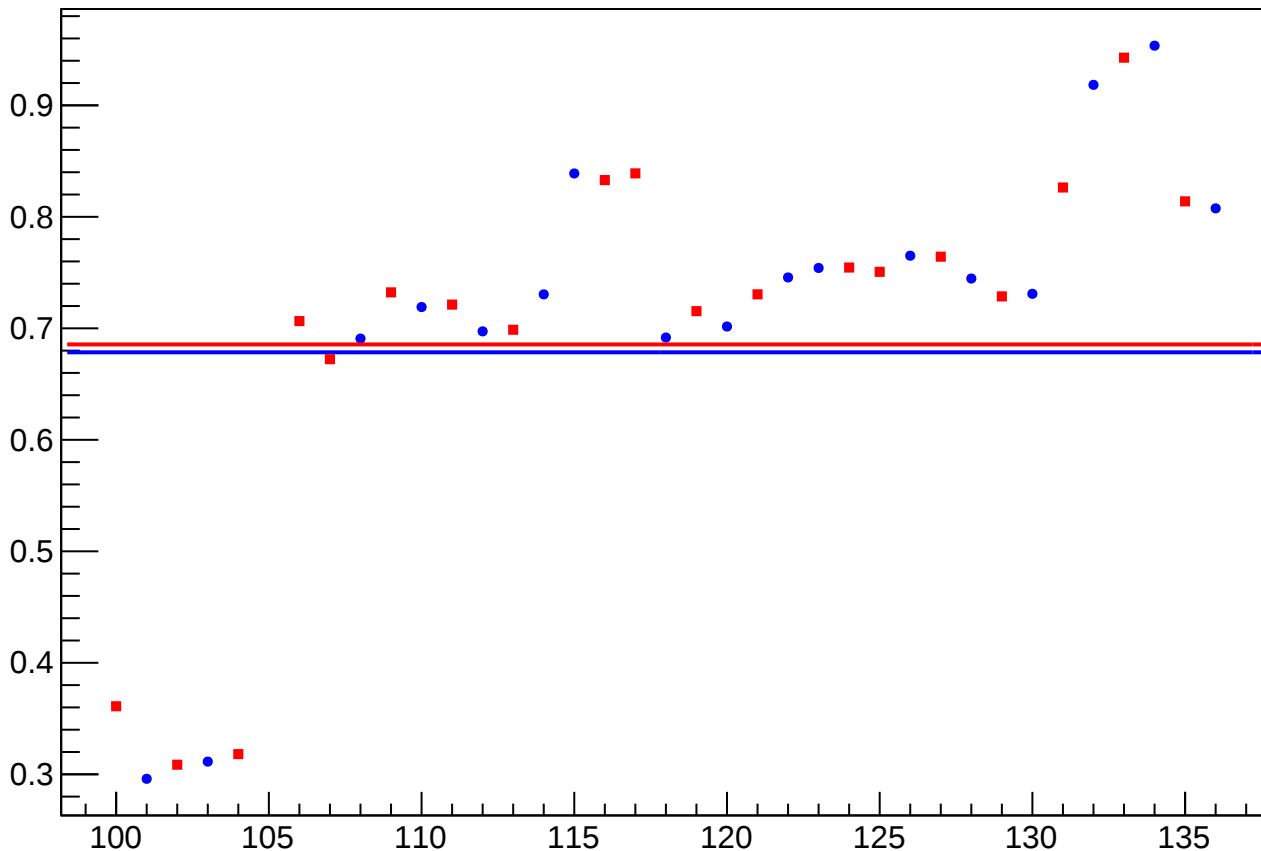
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64687.8/16

0.011+/-0.000 χ^2/NDF : 126242.2/35

0.011+/-0.000 χ^2/NDF : 54598.6/18

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.678+/-0.000 χ^2/NDF : 38506442638.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.678+/-0.000 χ^2/NDF : 38506442638.3/16

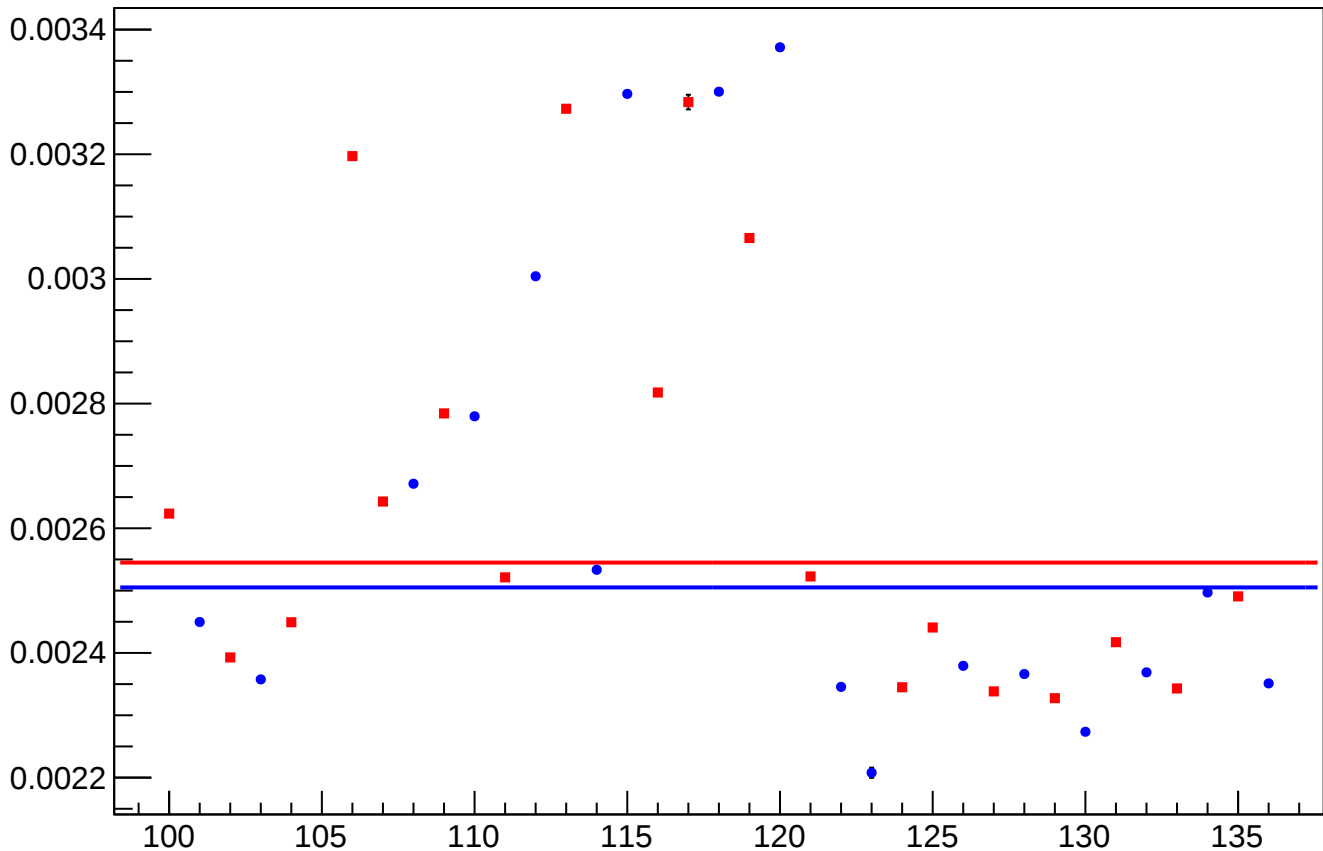
0.682+/-0.000 χ^2/NDF : 73465746870.1/3

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 : 175524.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 131932.9/18

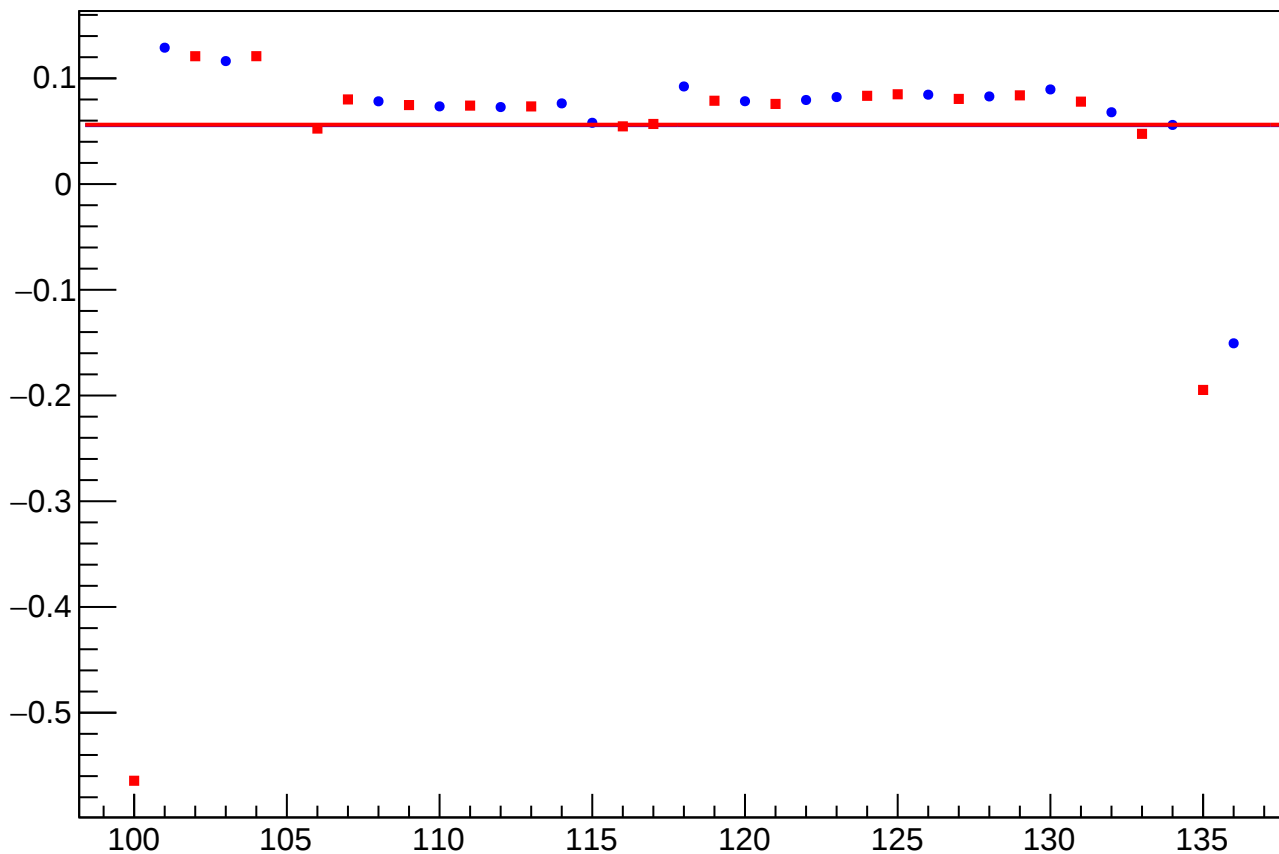
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 175524.0/16

0.003+/-0.000 χ^2/NDF : 309067.8/35

0.003+/-0.000 χ^2/NDF : 131932.9/18

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.000 χ^2/NDF : 423003688.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.000 χ^2/NDF : 557295647.2/18

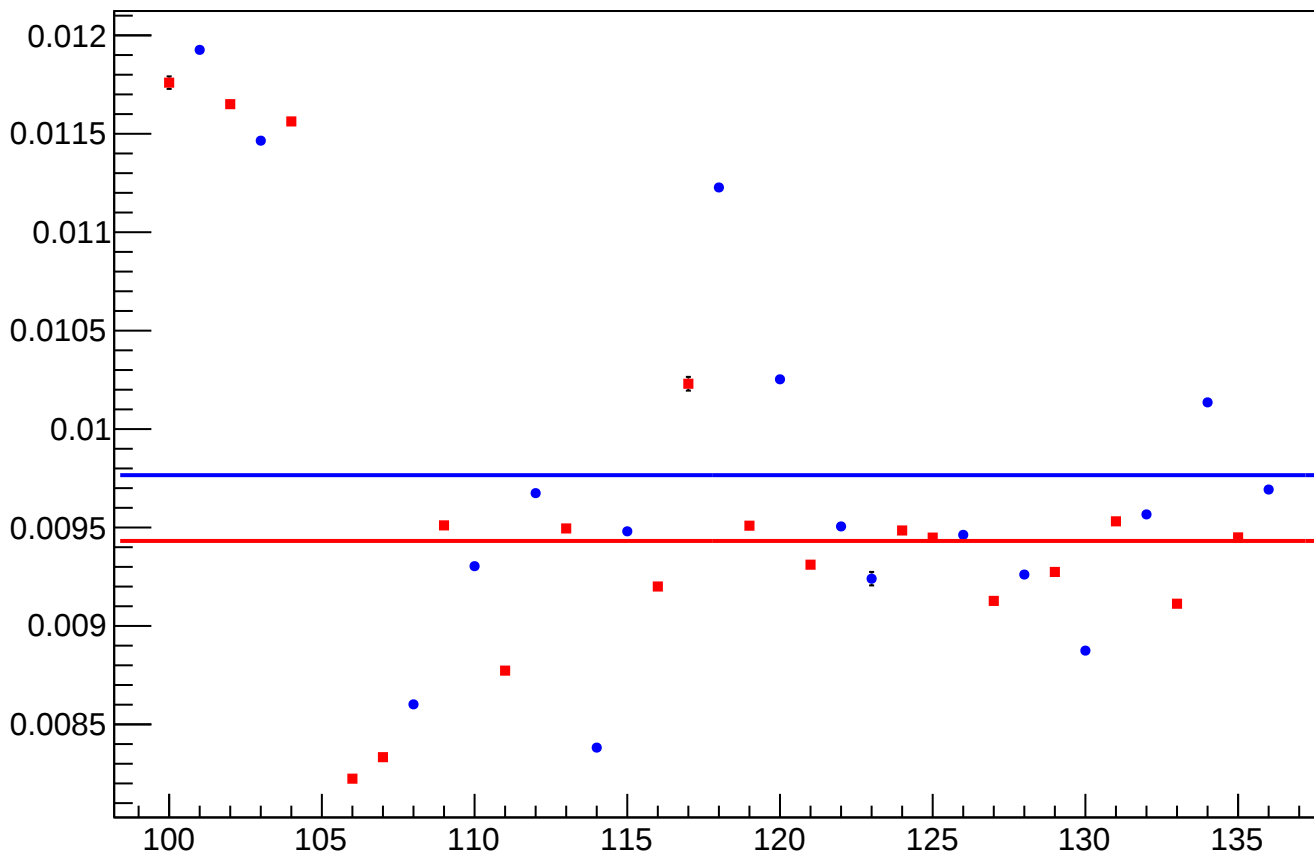
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.056+/-0.000 χ^2/NDF : 423003688.1/16

0.056+/-0.000 χ^2/NDF : 980304863.2/35

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 : 116638.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 109448.9/18

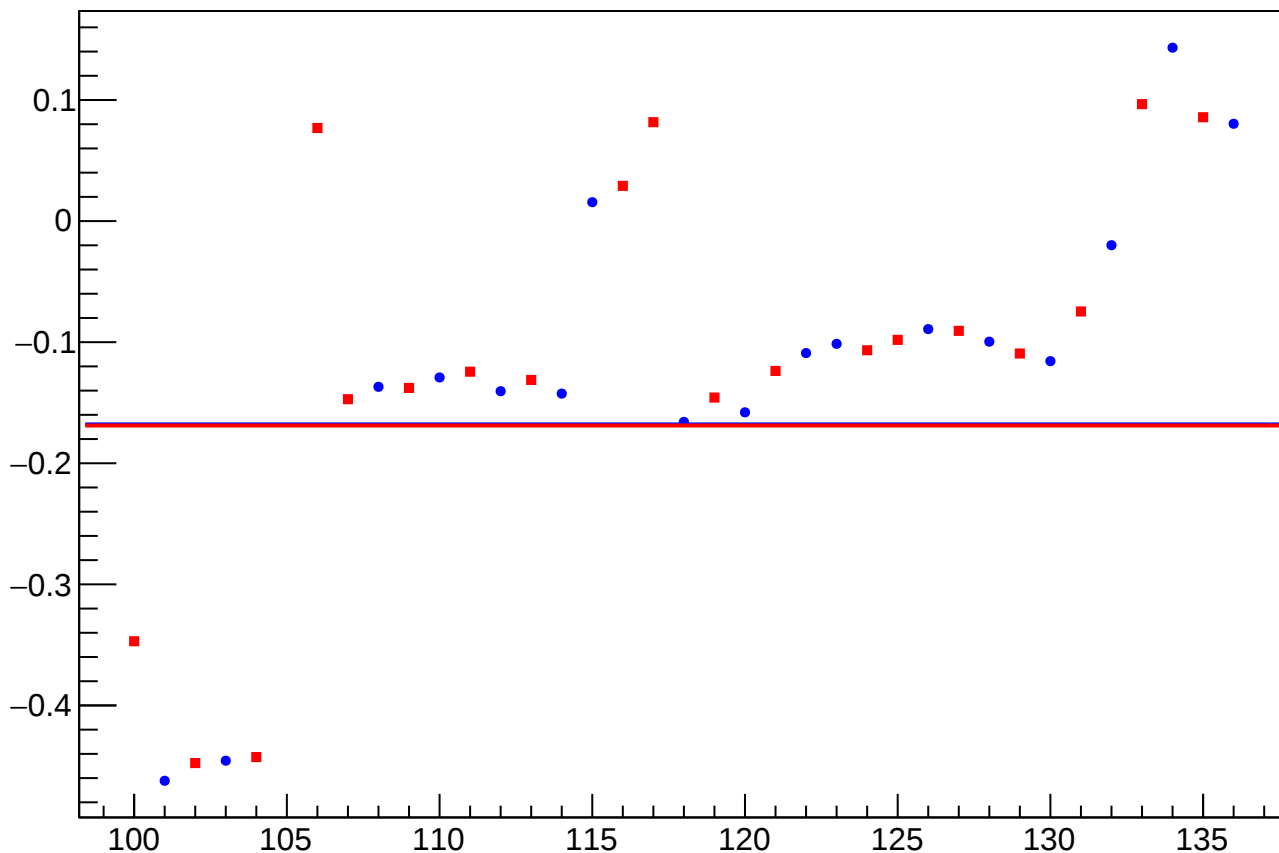
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116638.3/16

0.010+/-0.000 χ^2/NDF : 234071.0/35

0.009+/-0.000 χ^2/NDF : 109448.9/18

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 12331812610.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.168+/-0.000 χ^2/NDF : 12331812610.6/16

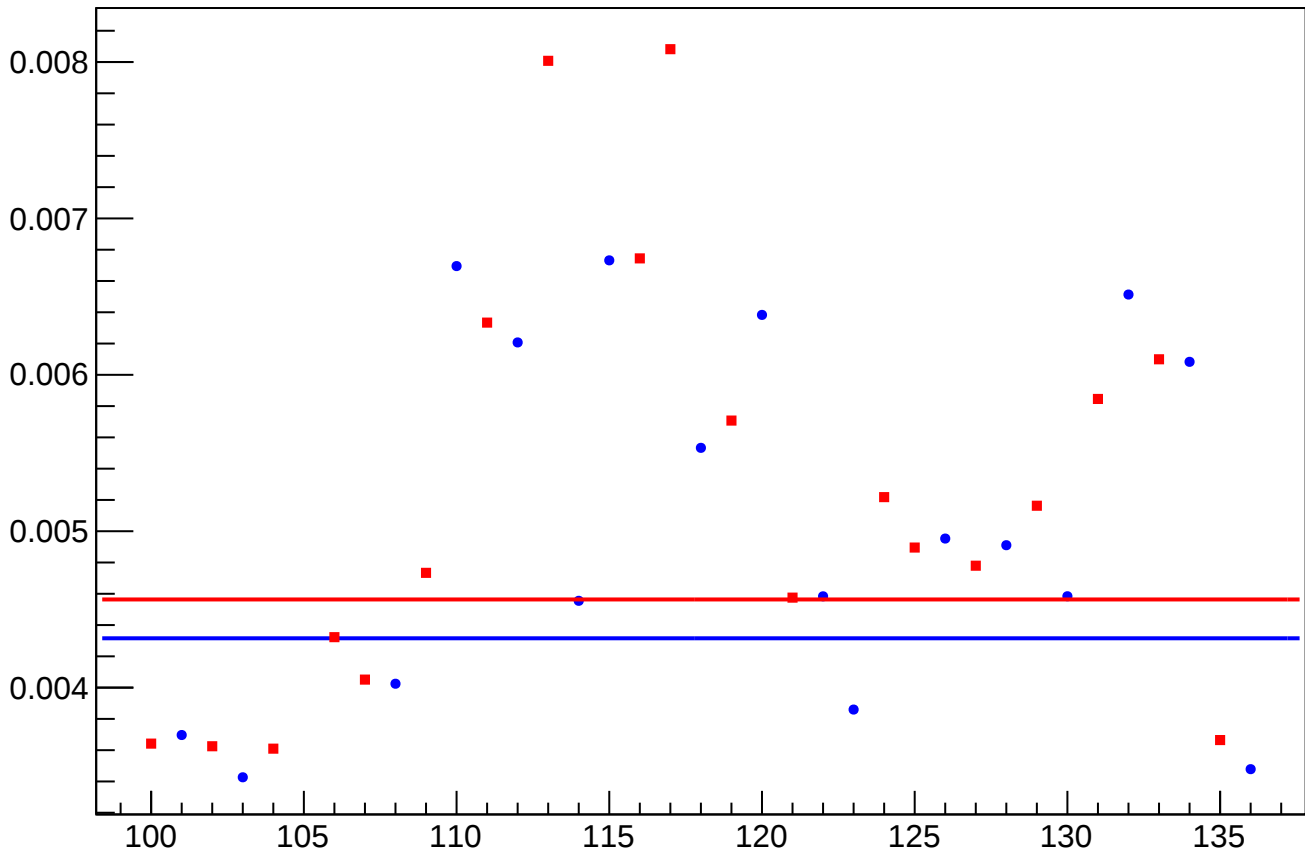
-0.168+/-0.000 χ^2/NDF : 22483161825.6/3

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: 0.004+/-0.000 χ^2/NDF : 619744.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 624682.5/18

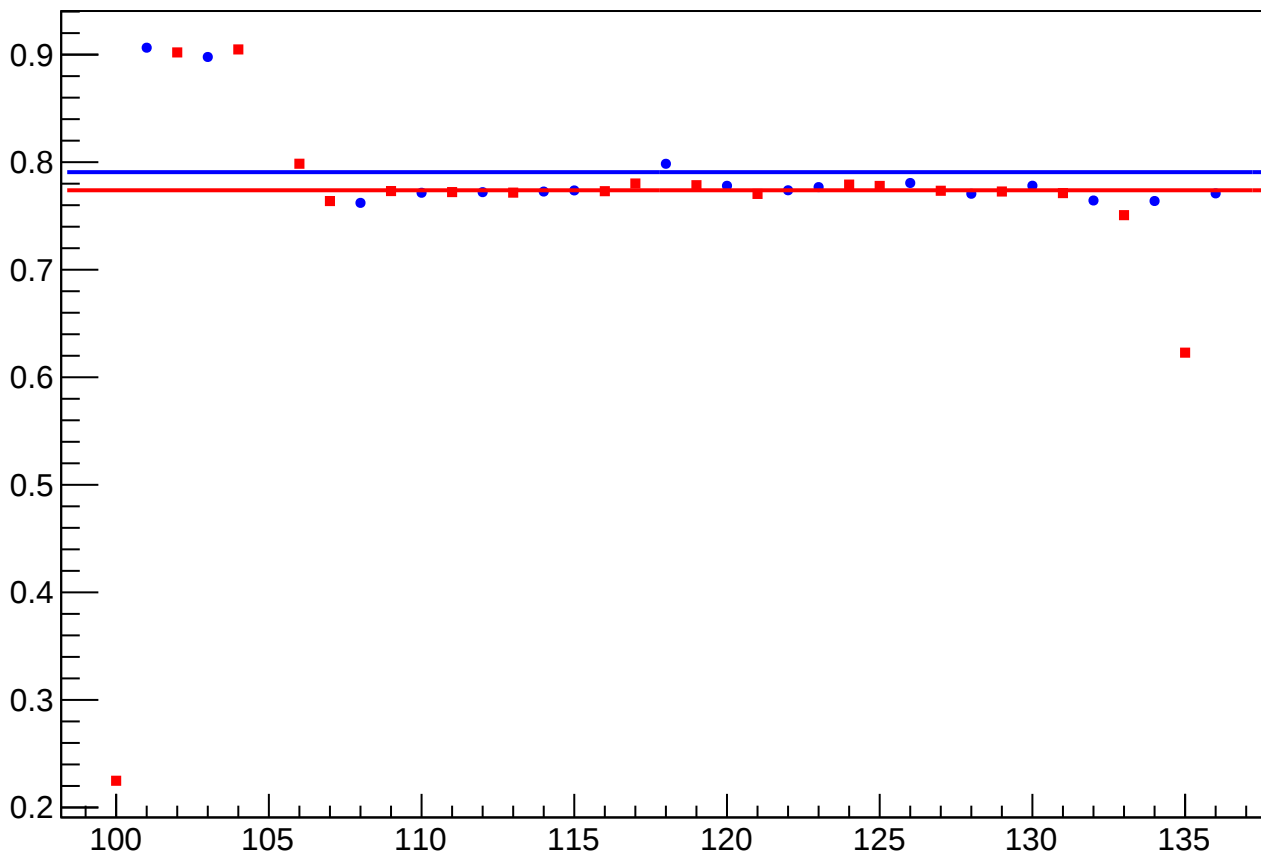
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 619744.7/16

0.004+/-0.000 χ^2/NDF : 1263040.1/35

0.005+/-0.000 χ^2/NDF : 624682.5/18

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.791 $\pm$ 0.000 χ^2 /NDF: 106705767.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.774 $\pm$ 0.000 χ^2 /NDF: 340379614.2/18

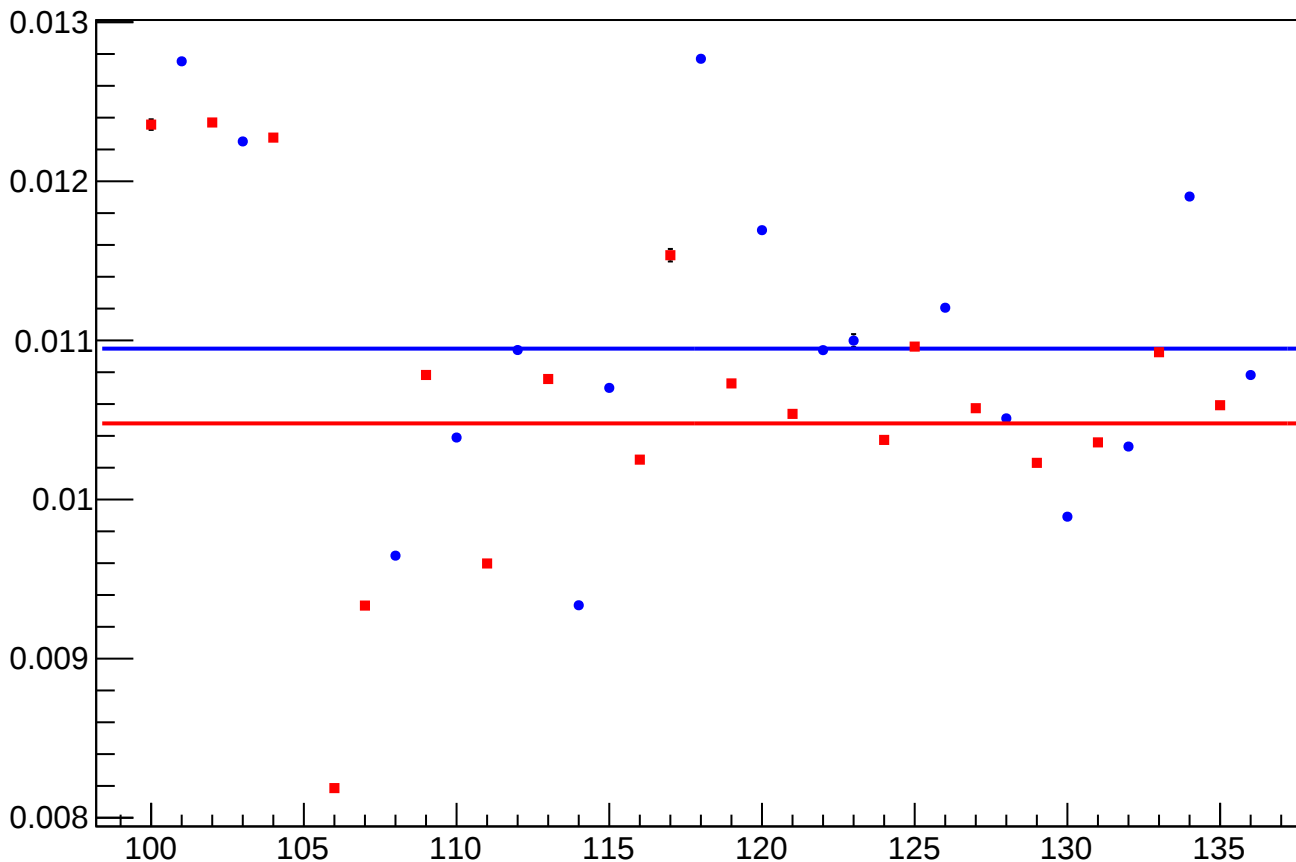
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.791 $\pm$ 0.000 χ^2 /NDF: 106705767.1/16

0.782 $\pm$ 0.000 χ^2 /NDF: 455239560.6/35

0.774 $\pm$ 0.000 χ^2 /NDF: 340379614.2/18

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 98551.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 118395.1/18

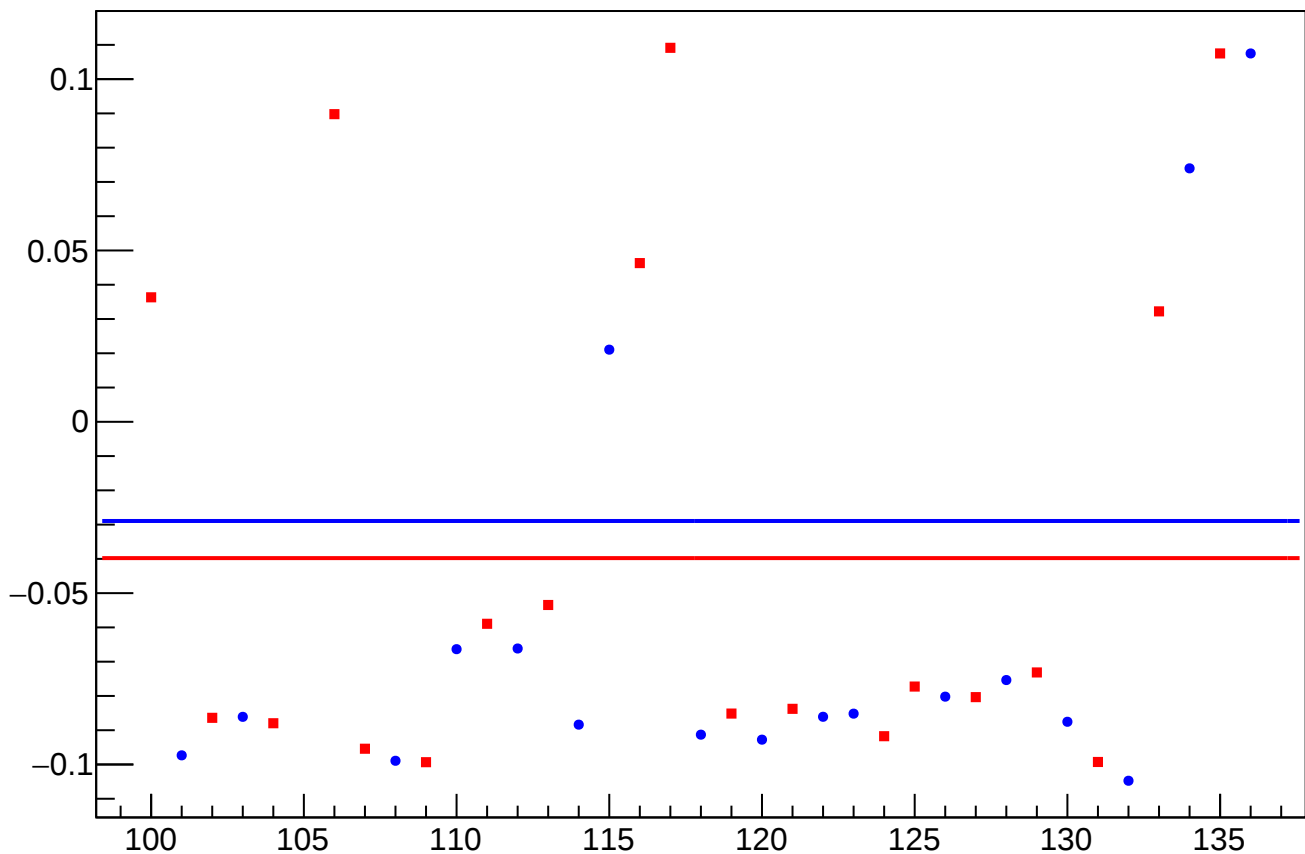
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98551.4/16

0.011+/-0.000 χ^2/NDF : 229627.0/35

0.010+/-0.000 χ^2/NDF : 118395.1/18

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.000 χ^2/NDF : 2445975608.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.000 χ^2/NDF : 1670013623.8/18

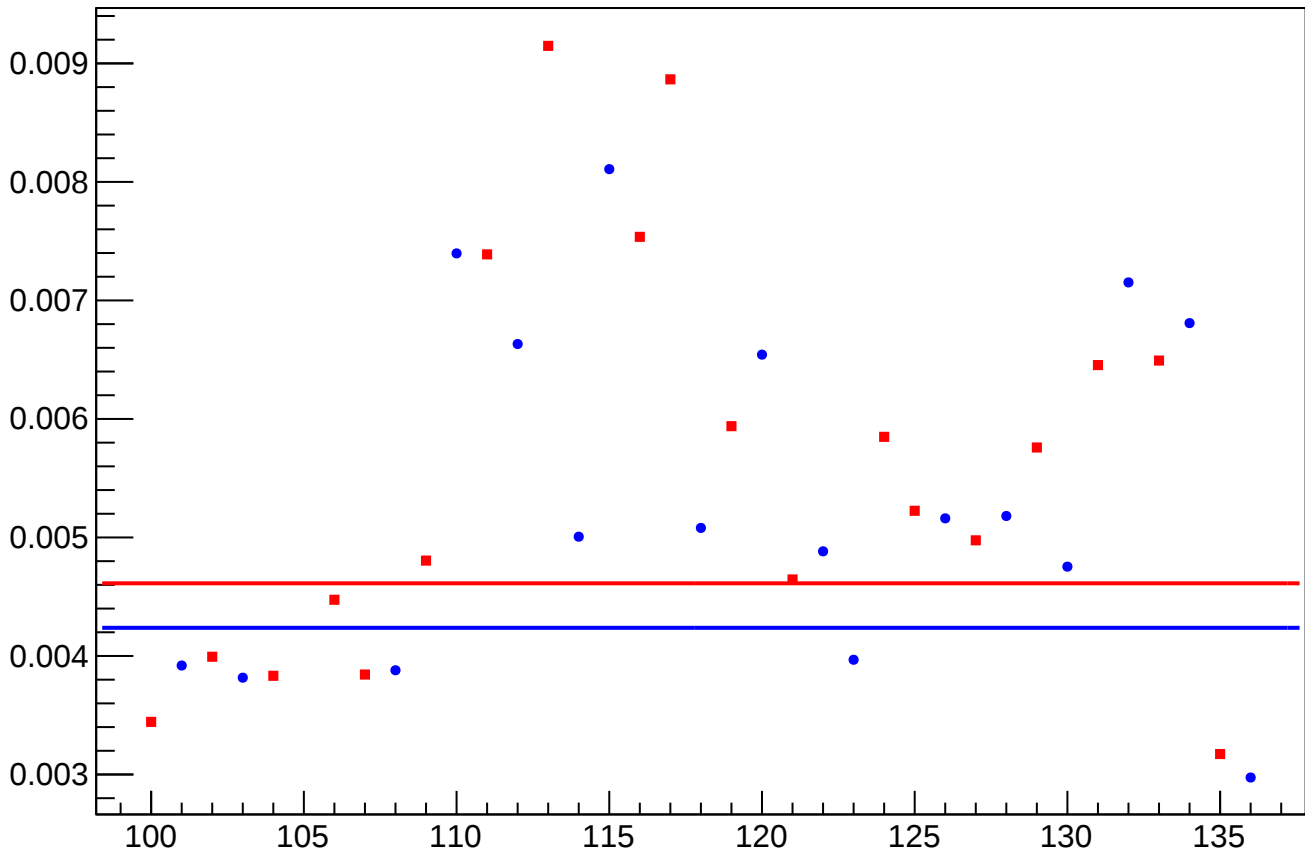
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.029+/-0.000 χ^2/NDF : 2445975608.2/16

-0.034+/-0.000 χ^2/NDF : 4132809111.6/3

-0.040+/-0.000 χ^2/NDF : 1670013623.8/18

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 881584.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 886639.2/18

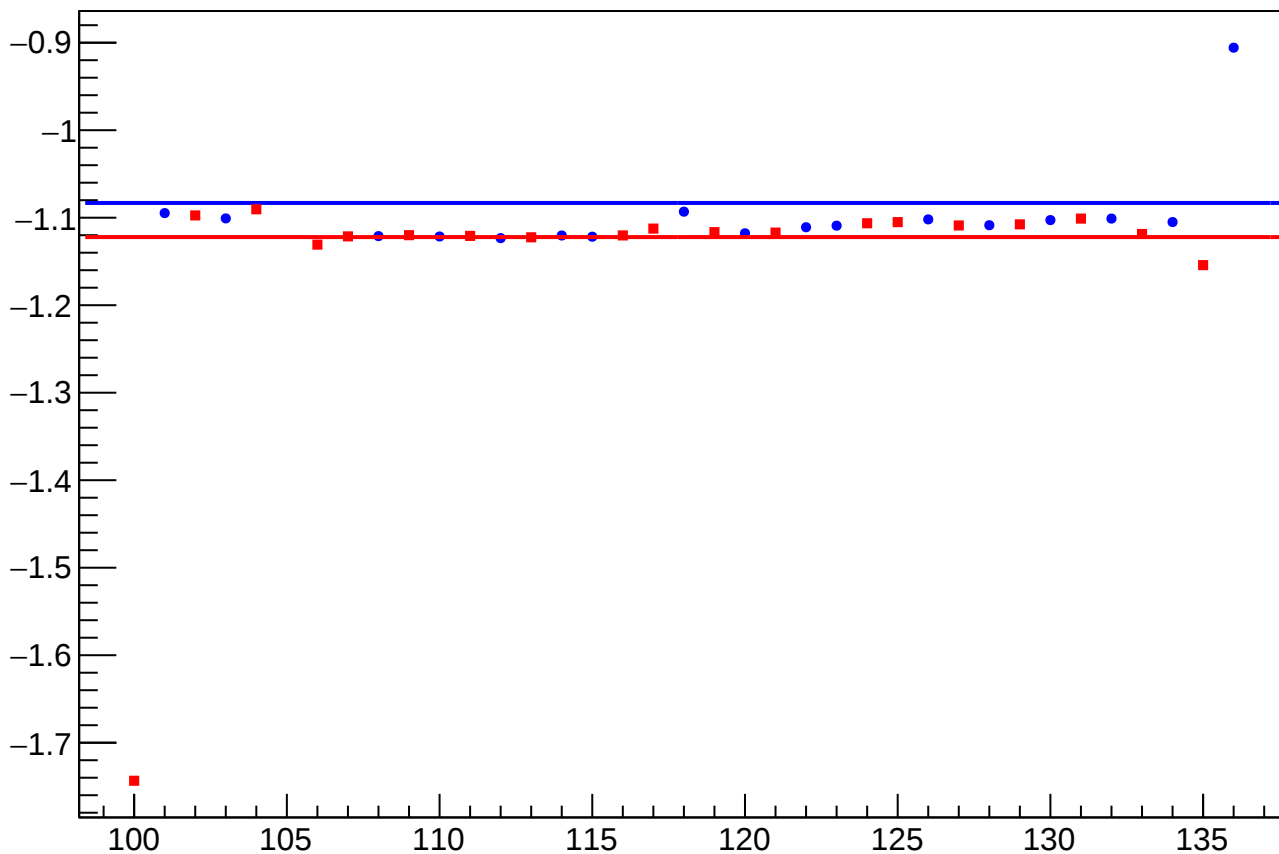
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 881584.1/16

0.004+/-0.000 χ^2/NDF : 1808604.5/35

0.005+/-0.000 χ^2/NDF : 886639.2/18

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 202920901.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.122+/-0.000 χ^2/NDF : 211640105.1/18

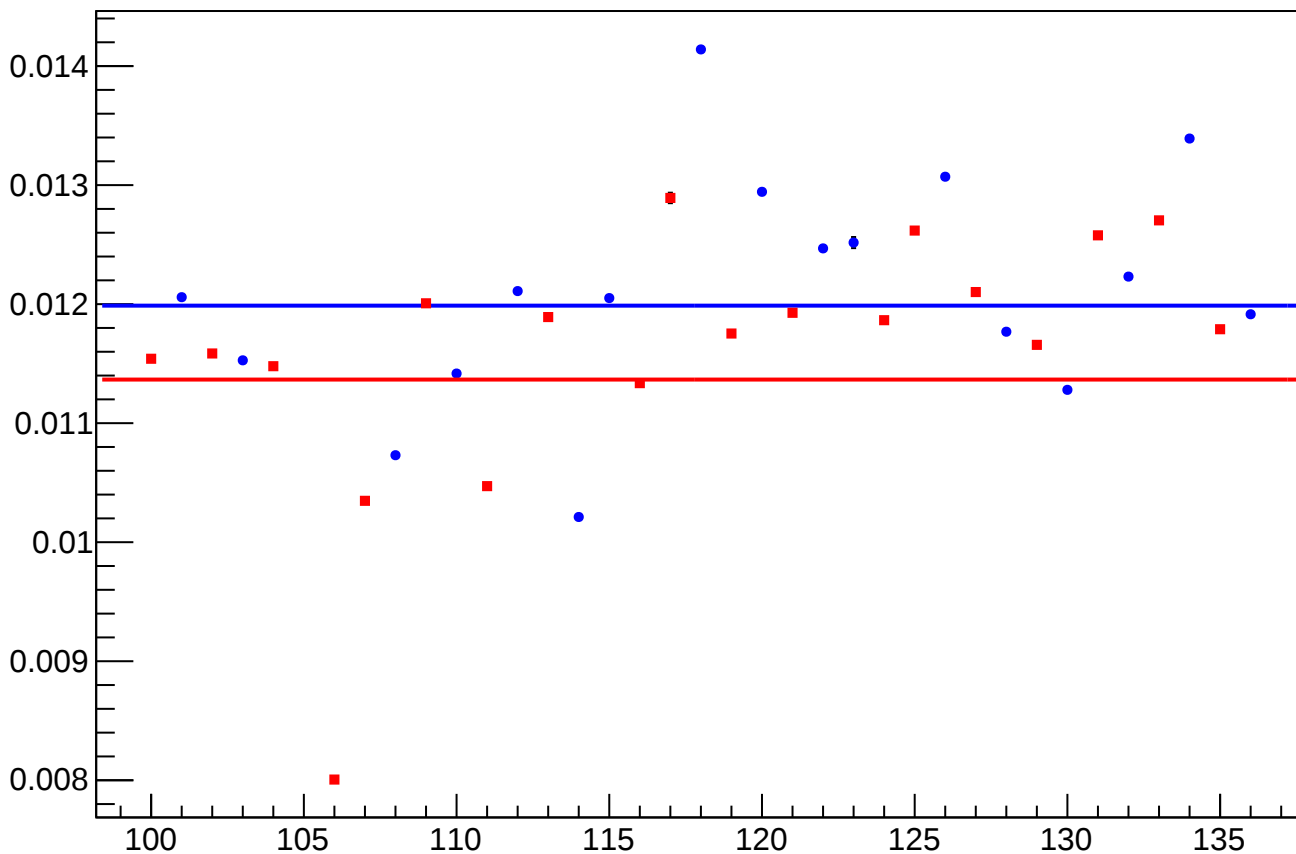
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.083+/-0.000 χ^2/NDF : 202920901.6/16

-1.104+/-0.000 χ^2/NDF : 451170868.8/35

-1.122+/-0.000 χ^2/NDF : 211640105.1/18

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 60402.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 153283.3/18

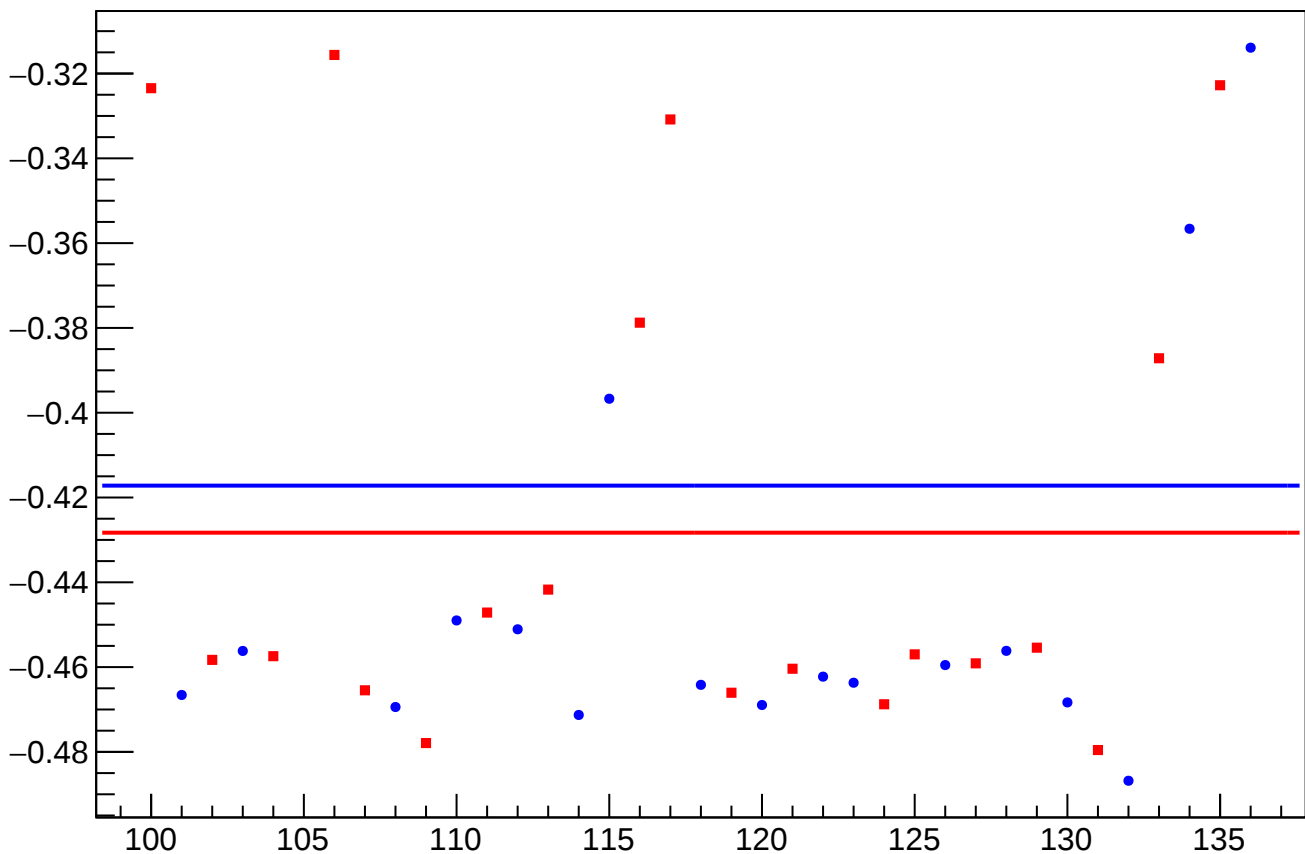
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 60402.0/16

0.012 $\pm$ 0.000 χ^2 /NDF: 232235.3/35

0.011 $\pm$ 0.000 χ^2 /NDF: 153283.3/18

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.417+/-0.000 χ^2/NDF : 2039045143.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.428+/-0.000 χ^2/NDF : 1337567847.1/18

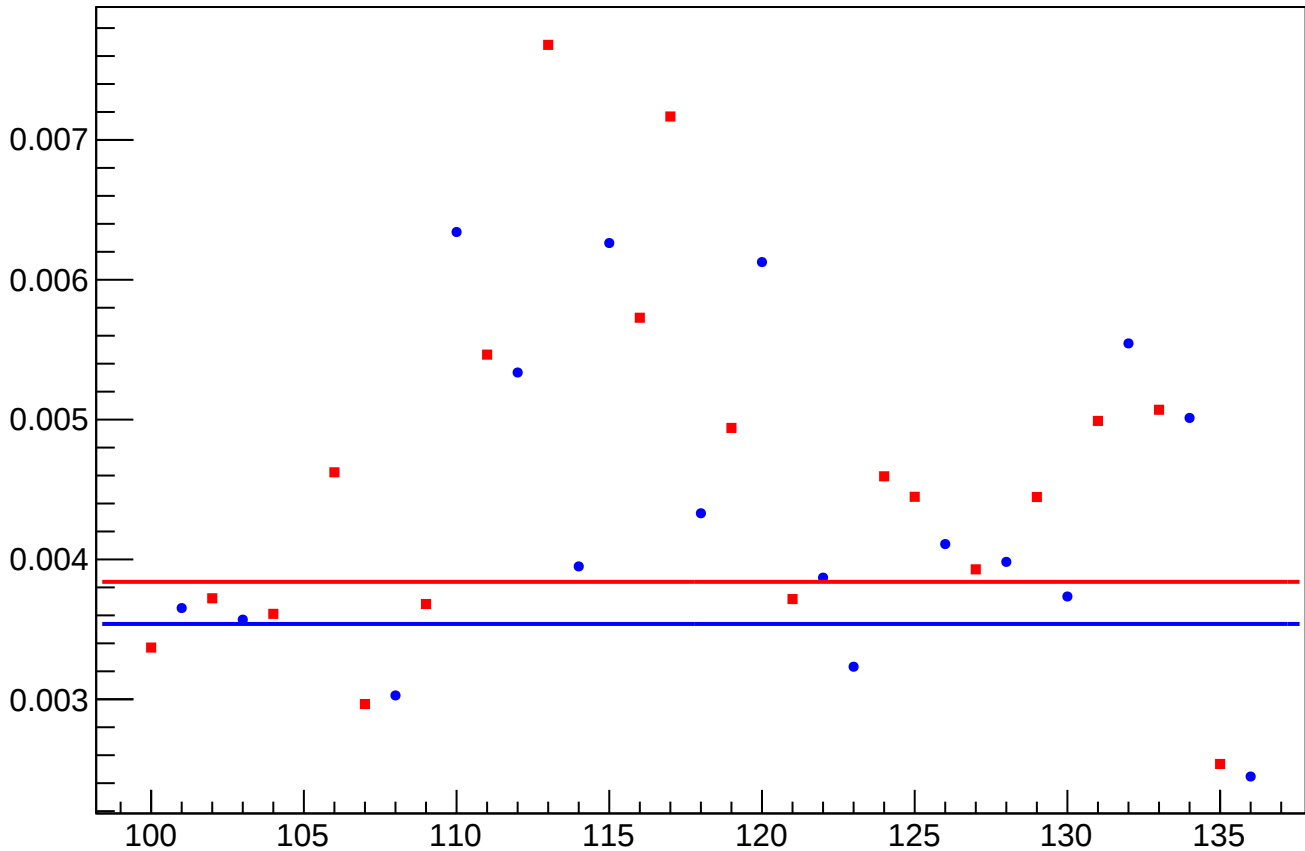
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.417+/-0.000 χ^2/NDF : 2039045143.8/16

-0.422+/-0.000 χ^2/NDF : 3401996323.8/3

-0.428+/-0.000 χ^2/NDF : 1337567847.1/18

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 836154.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 793359.3/18

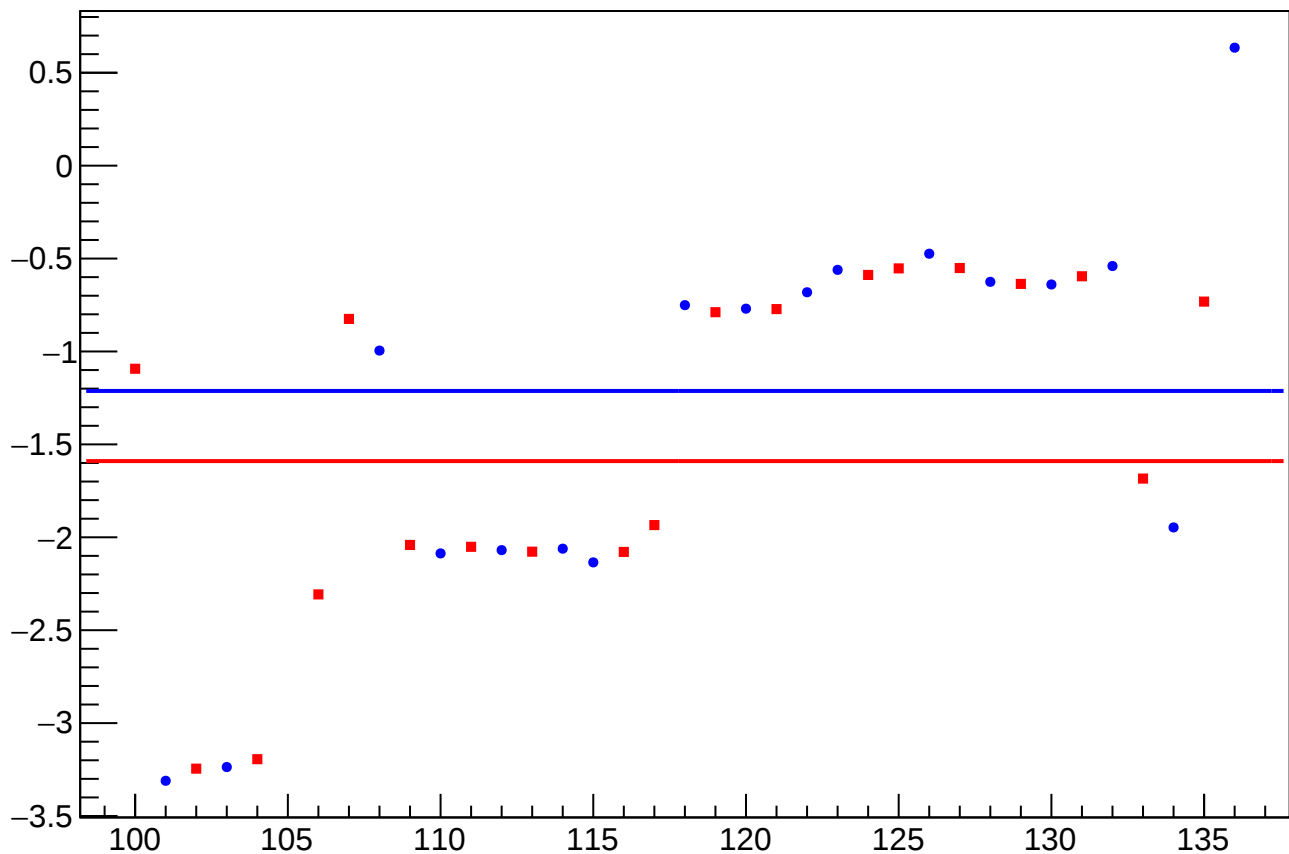
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 836154.0/16

0.004+/-0.000 χ^2/NDF : 1666883.4/35

0.004+/-0.000 χ^2/NDF : 793359.3/18

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.212+/-0.000 χ^2/NDF : 1992853443.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.590+/-0.000 χ^2/NDF : 1123053810.7/18

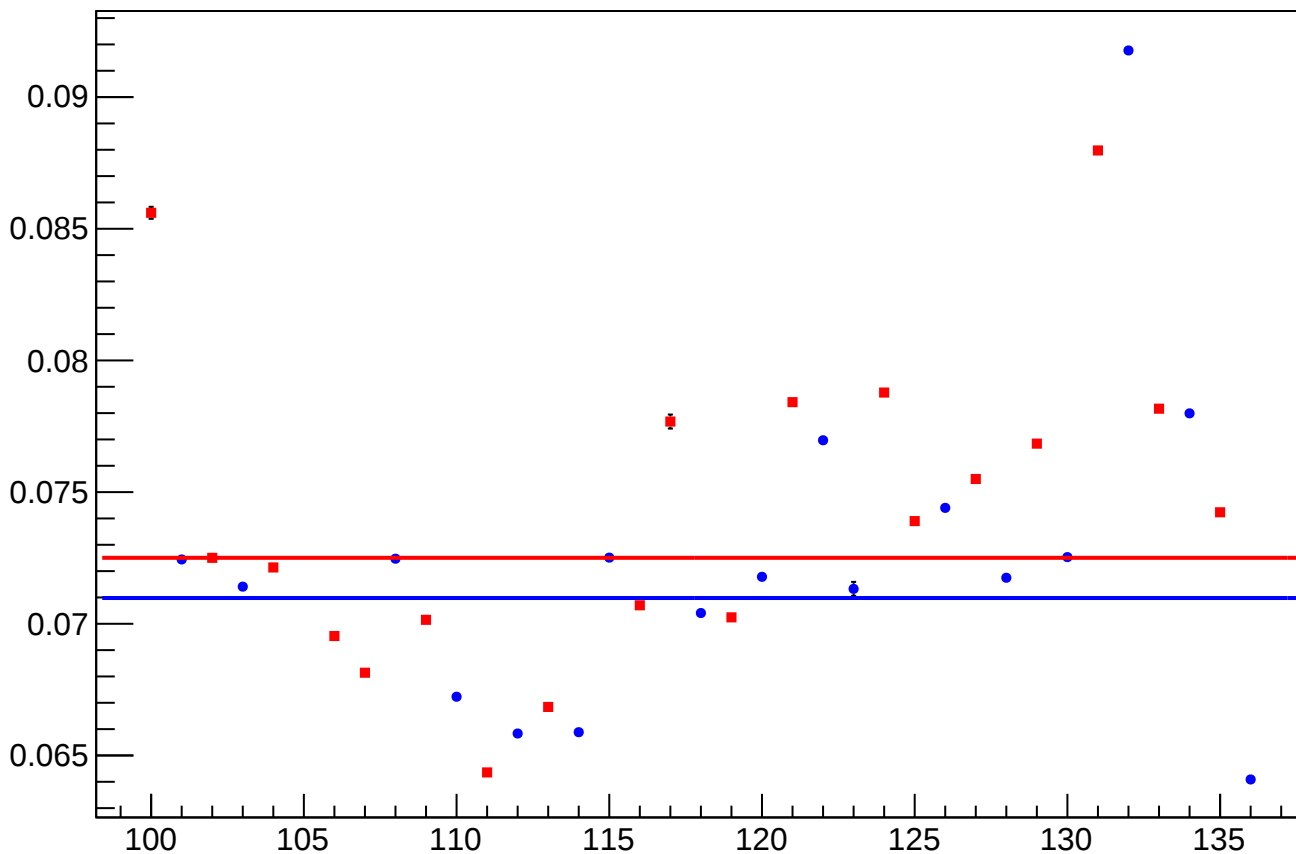
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.212+/-0.000 χ^2/NDF : 1992853443.9/16

-1.401+/-0.000 χ^2/NDF : 3208582734.1/3

-1.590+/-0.000 χ^2/NDF : 1123053810.7/18

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 77589.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 67580.8/18

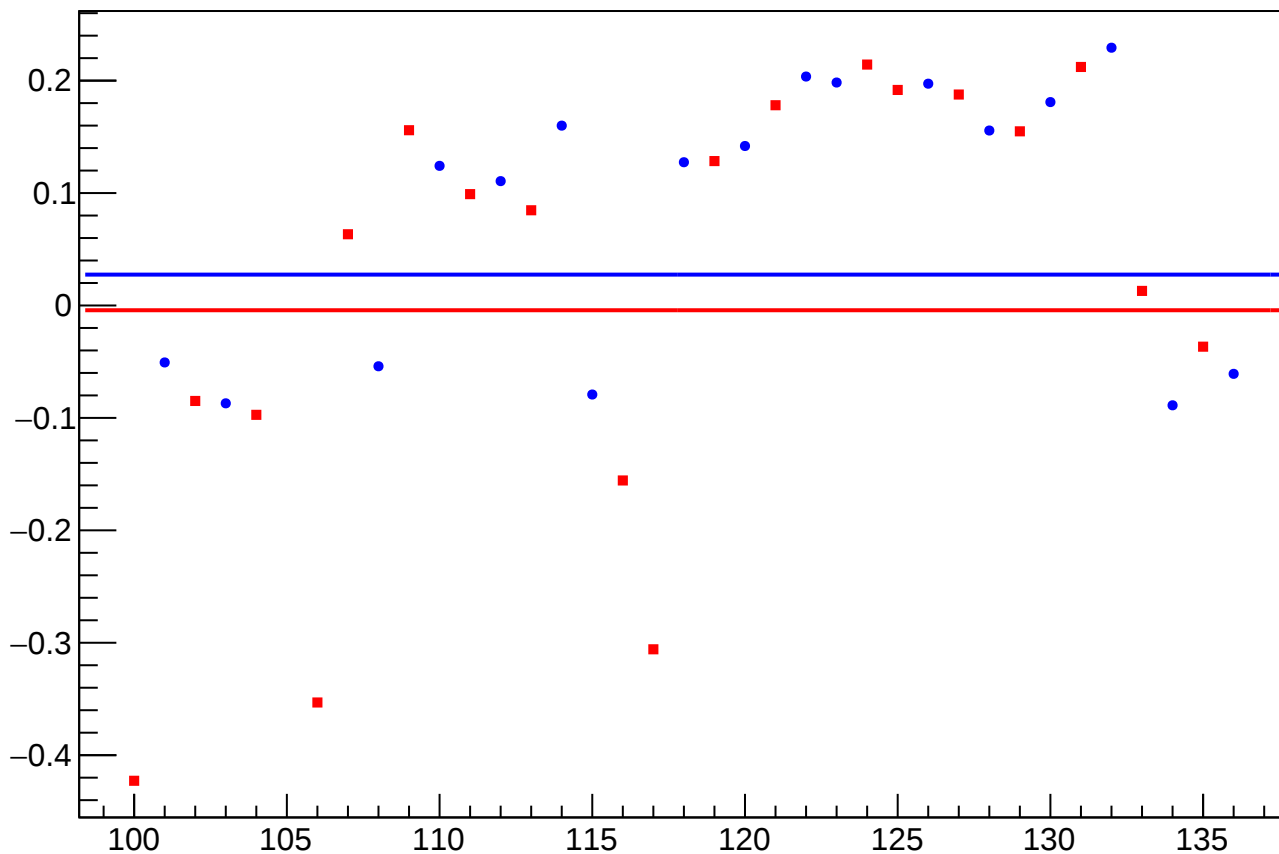
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 77589.5/16

0.072+/-0.000 χ^2/NDF : 148201.6/35

0.073+/-0.000 χ^2/NDF : 67580.8/18

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 562337631.4/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.000 χ^2/NDF : 1199338884.4/18

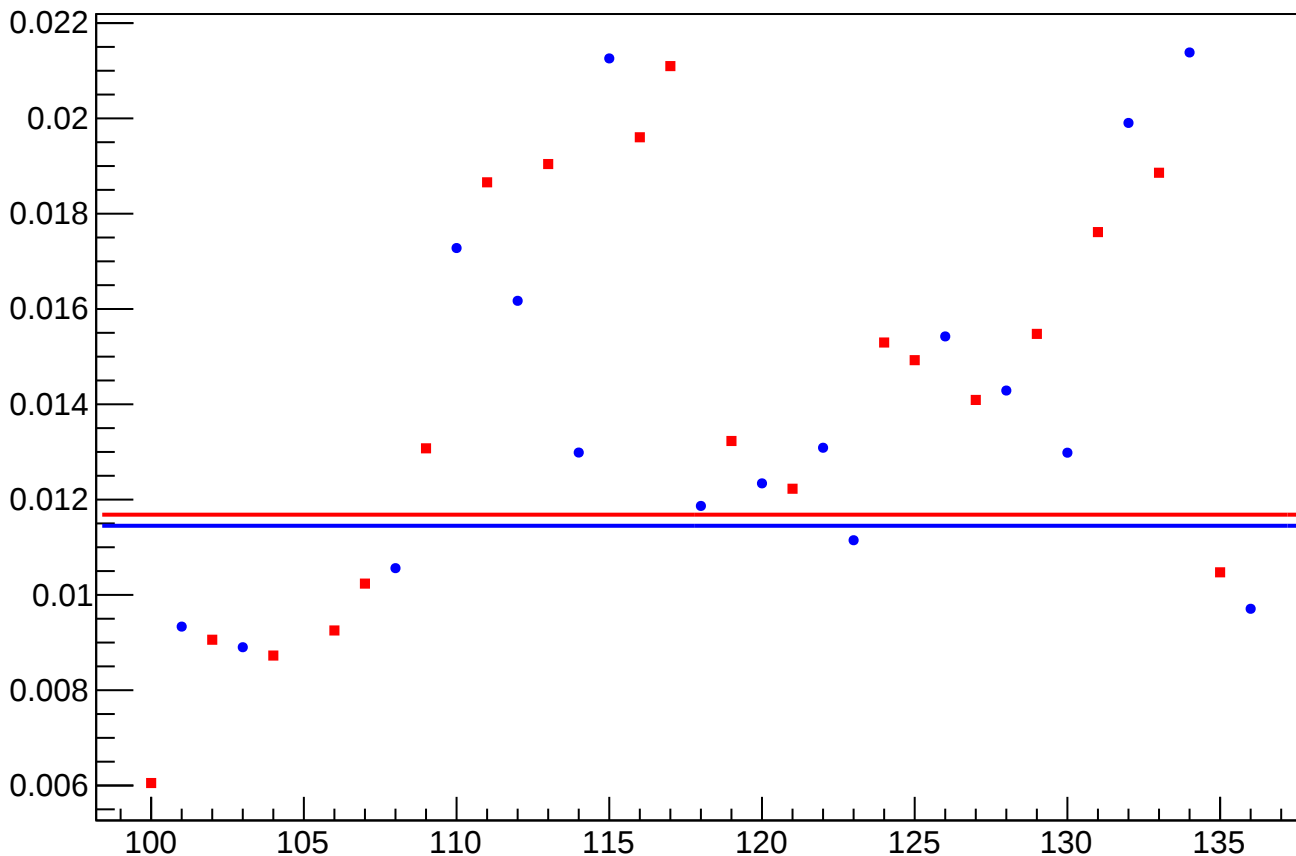
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.027+/-0.000 χ^2/NDF : 562337631.4/16

0.012+/-0.000 χ^2/NDF : 1783319232.0/35

-0.004+/-0.000 χ^2/NDF : 1199338884.4/18

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 997490.9/18

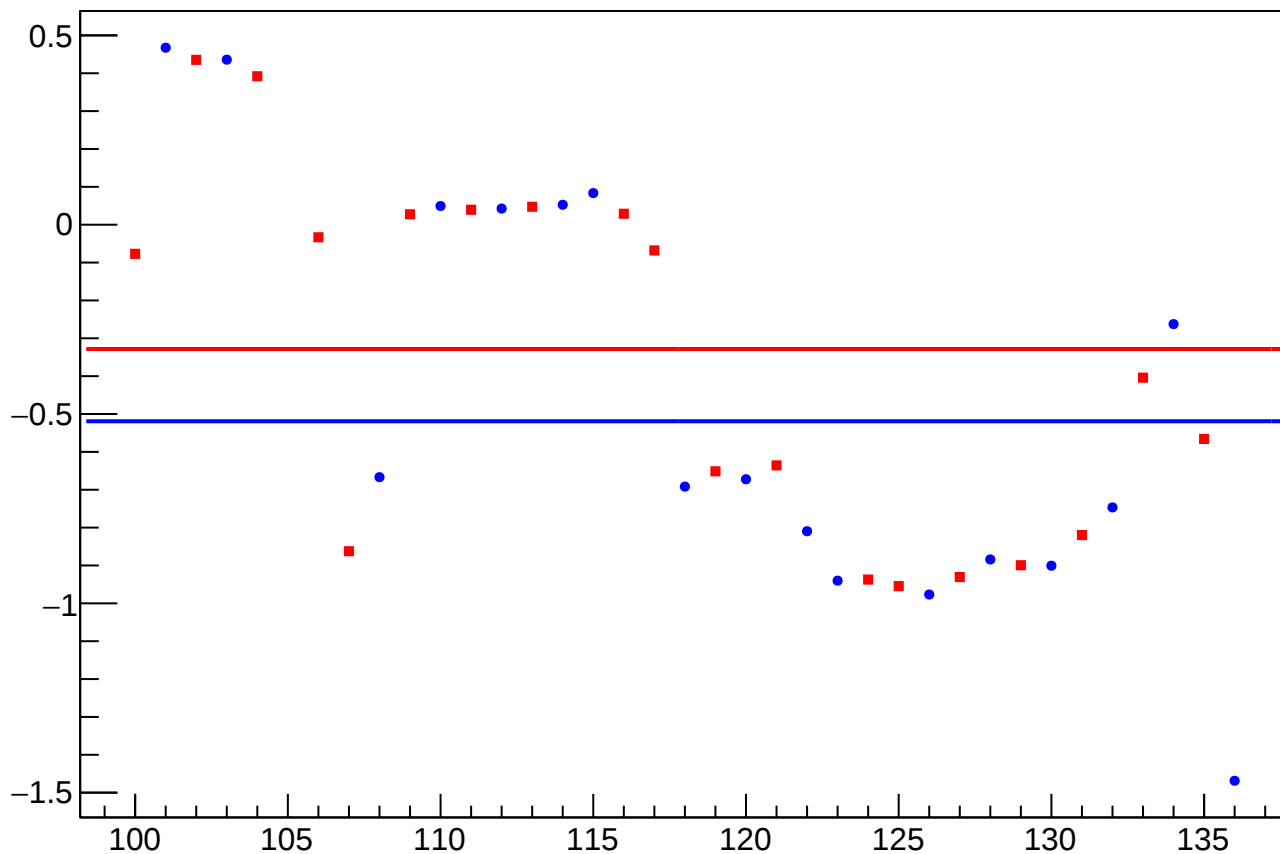
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 679628.0/16

0.012+/-0.000 χ^2/NDF : 1679456.3/35

0.012+/-0.000 χ^2/NDF : 997490.9/18

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.519+/-0.000 χ^2/NDF : 339383872.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.328+/-0.000 χ^2/NDF : 203482263.0/18

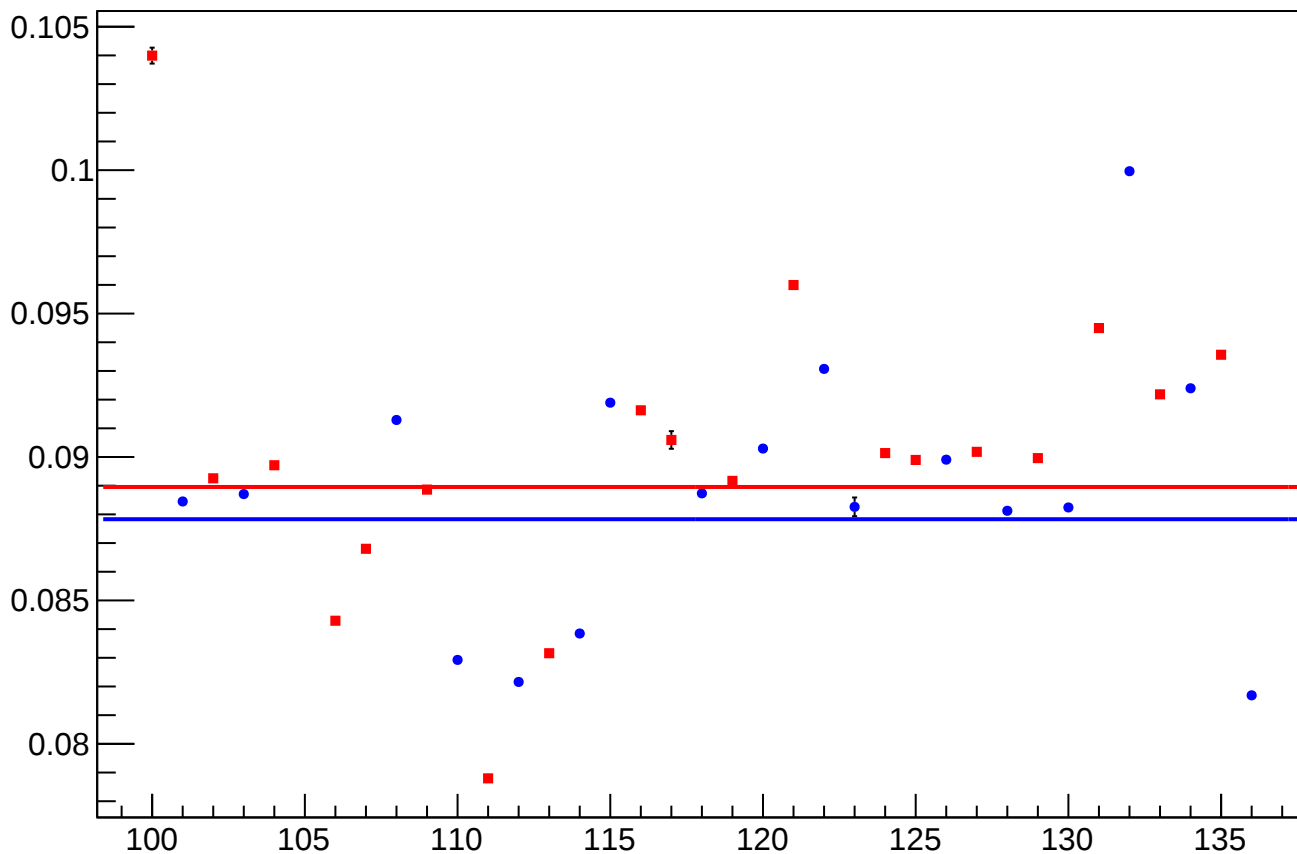
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.519+/-0.000 χ^2/NDF : 339383872.4/16

-0.423+/-0.000 χ^2/NDF : 558751840.0/35

-0.328+/-0.000 χ^2/NDF : 203482263.0/18

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 34954.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.000 χ^2/NDF : 34928.7/18

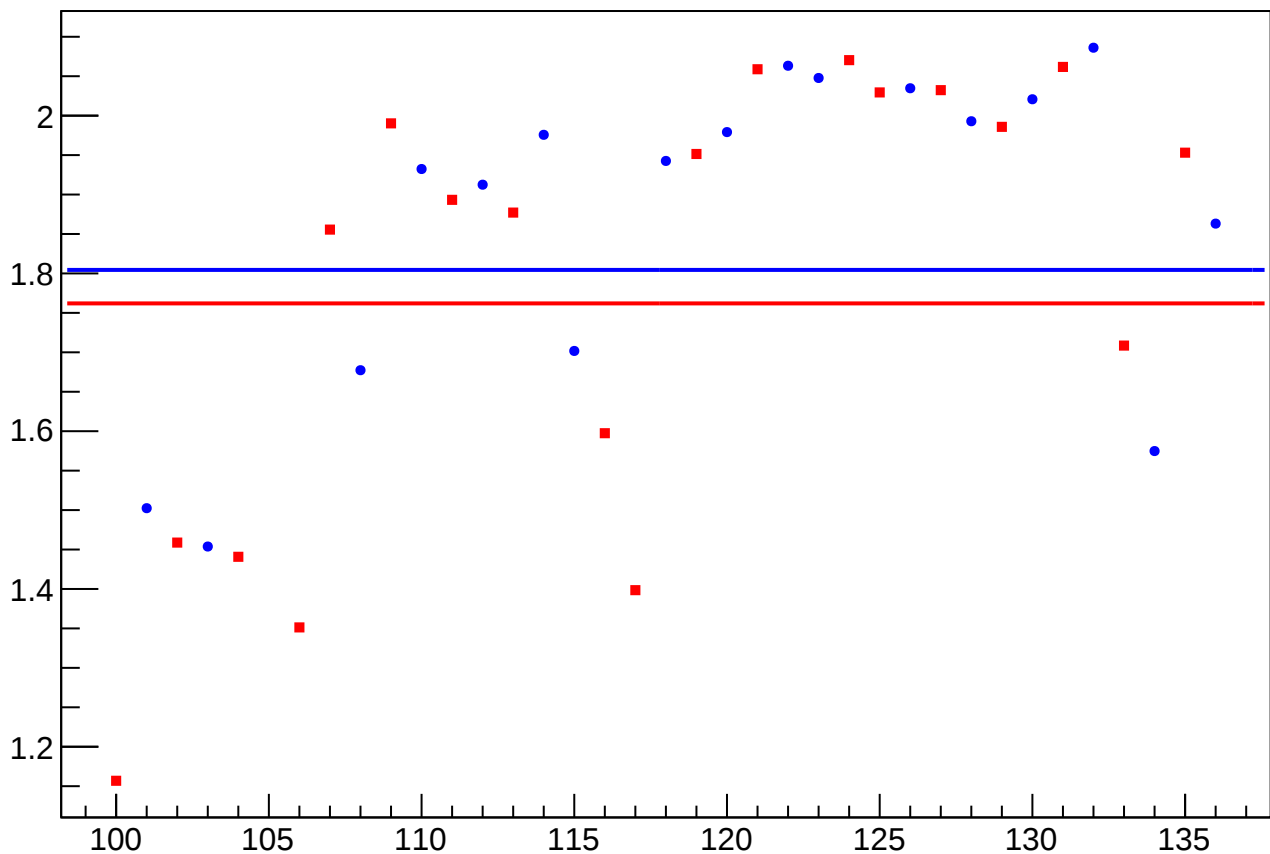
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 34954.4/16

0.088+/-0.000 χ^2/NDF : 70985.8/35

0.089+/-0.000 χ^2/NDF : 34928.7/18

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.804+/-0.000 χ^2/NDF : 1156747883.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.762+/-0.000 χ^2/NDF : 1711558076.9/18

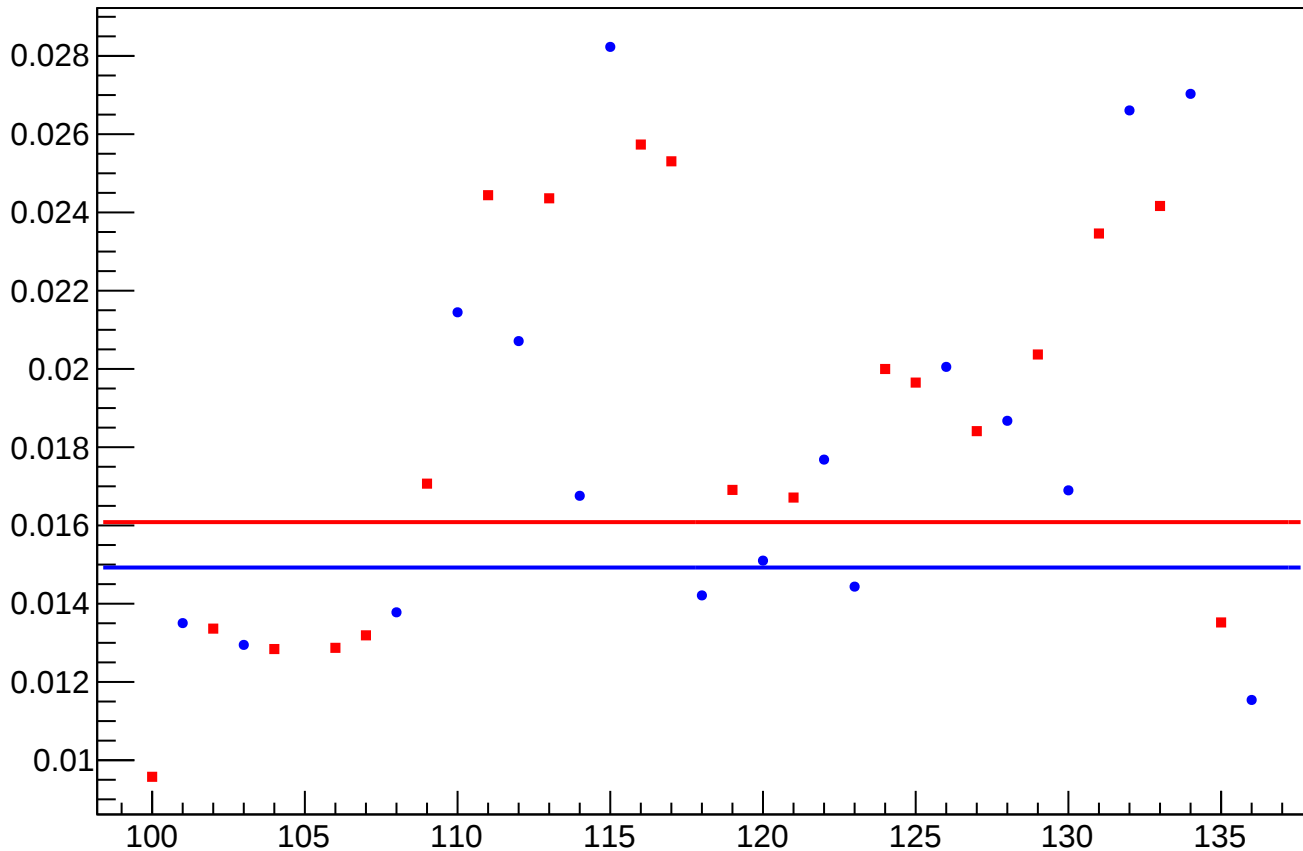
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.804+/-0.000 χ^2/NDF : 1156747883.2/16

1.785+/-0.000 χ^2/NDF : 2890144333.7/35

1.762+/-0.000 χ^2/NDF : 1711558076.9/18

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 735345.1/18

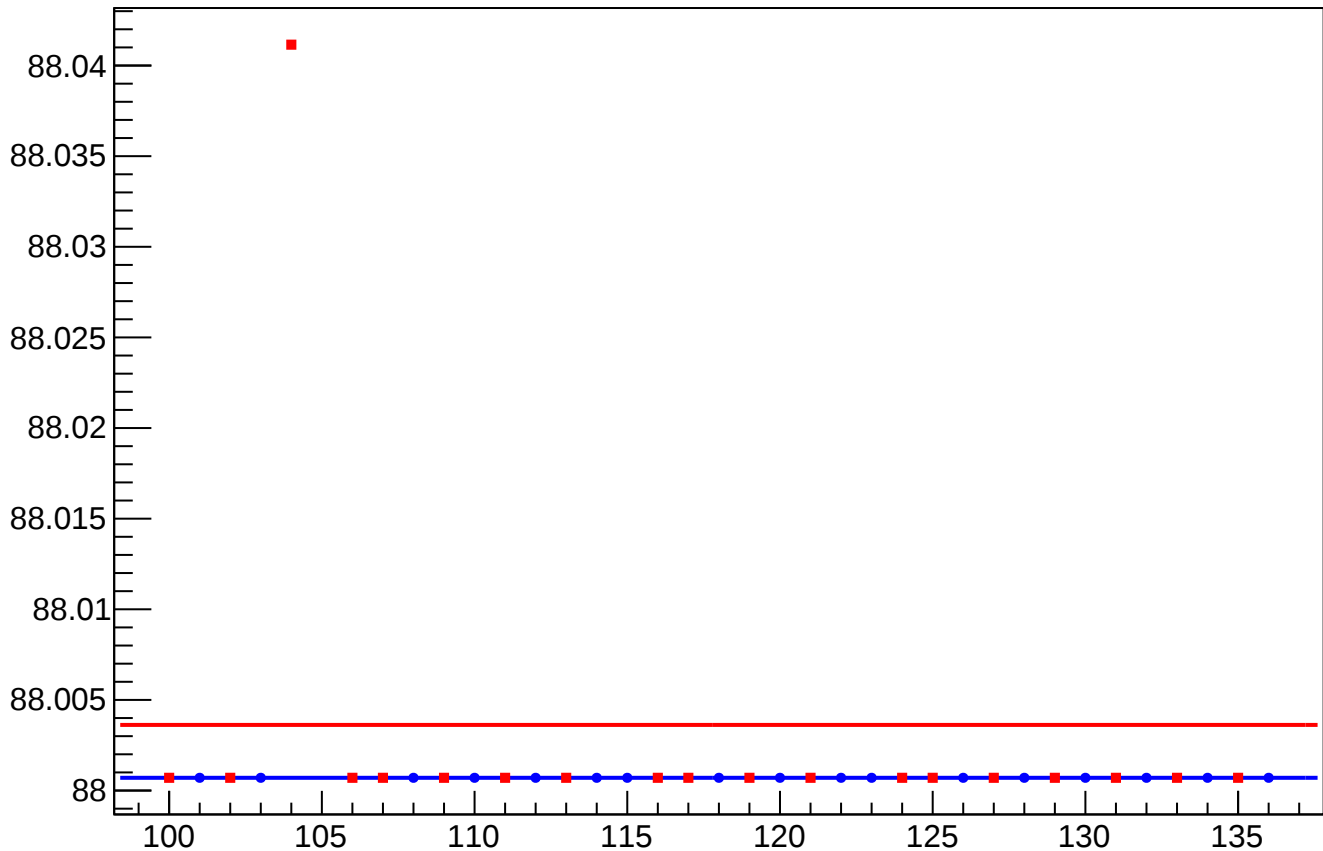
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 643651.9/16

0.015+/-0.000 χ^2/NDF : 1411626.2/35

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: 1852068.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 1852068.7/16

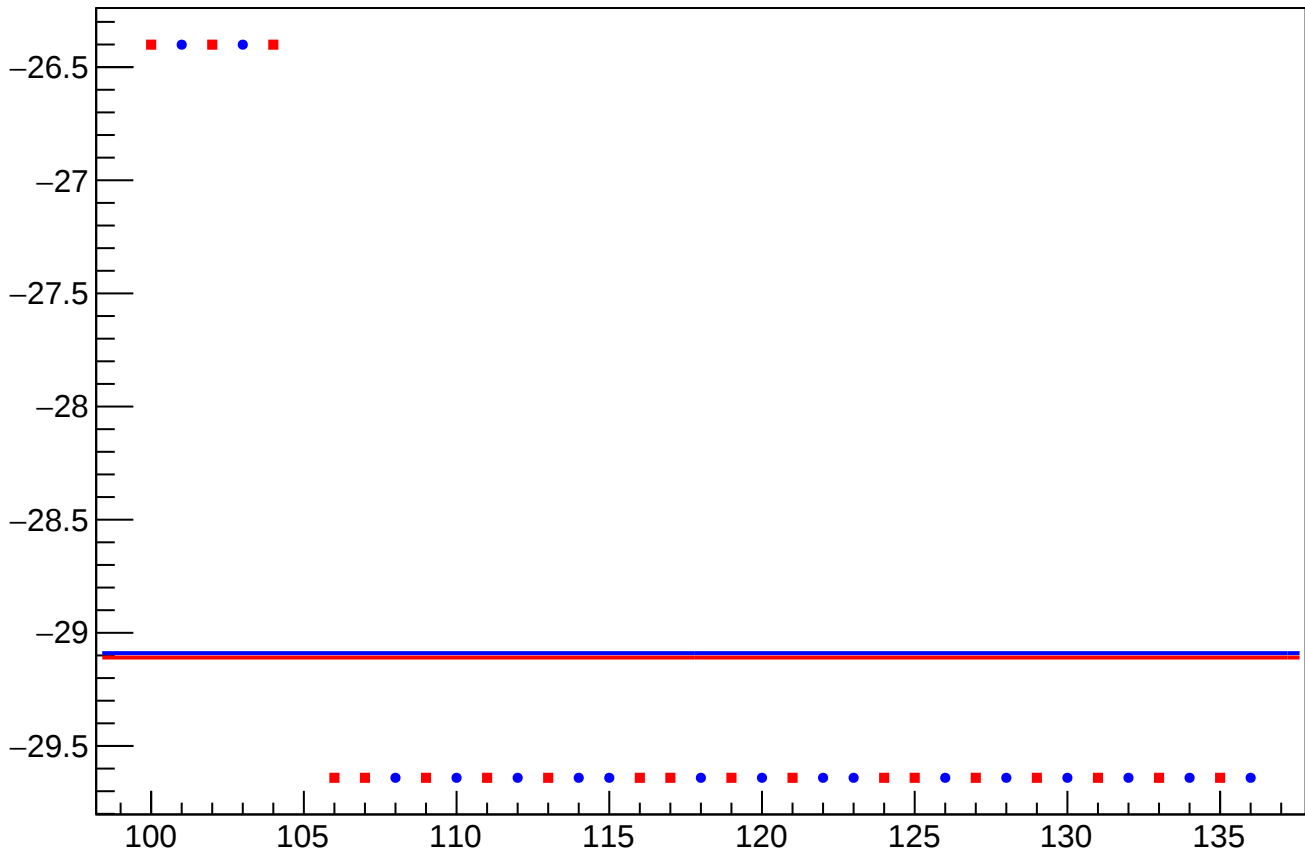
88.002+/-0.000 χ^2 /NDF: 8040241829418

Right Out: 88.004+/-0.000 χ^2 /NDF: 77420844410665340590884913152.0/18

88.004+/-0.000 χ^2 /NDF: 774208444106653405

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -29.090+/-0.000 χ^2/NDF : 1028099246109521929793835198578688.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.109+/-0.000 χ^2/NDF : 1017925693917970822754182727991296.0/18

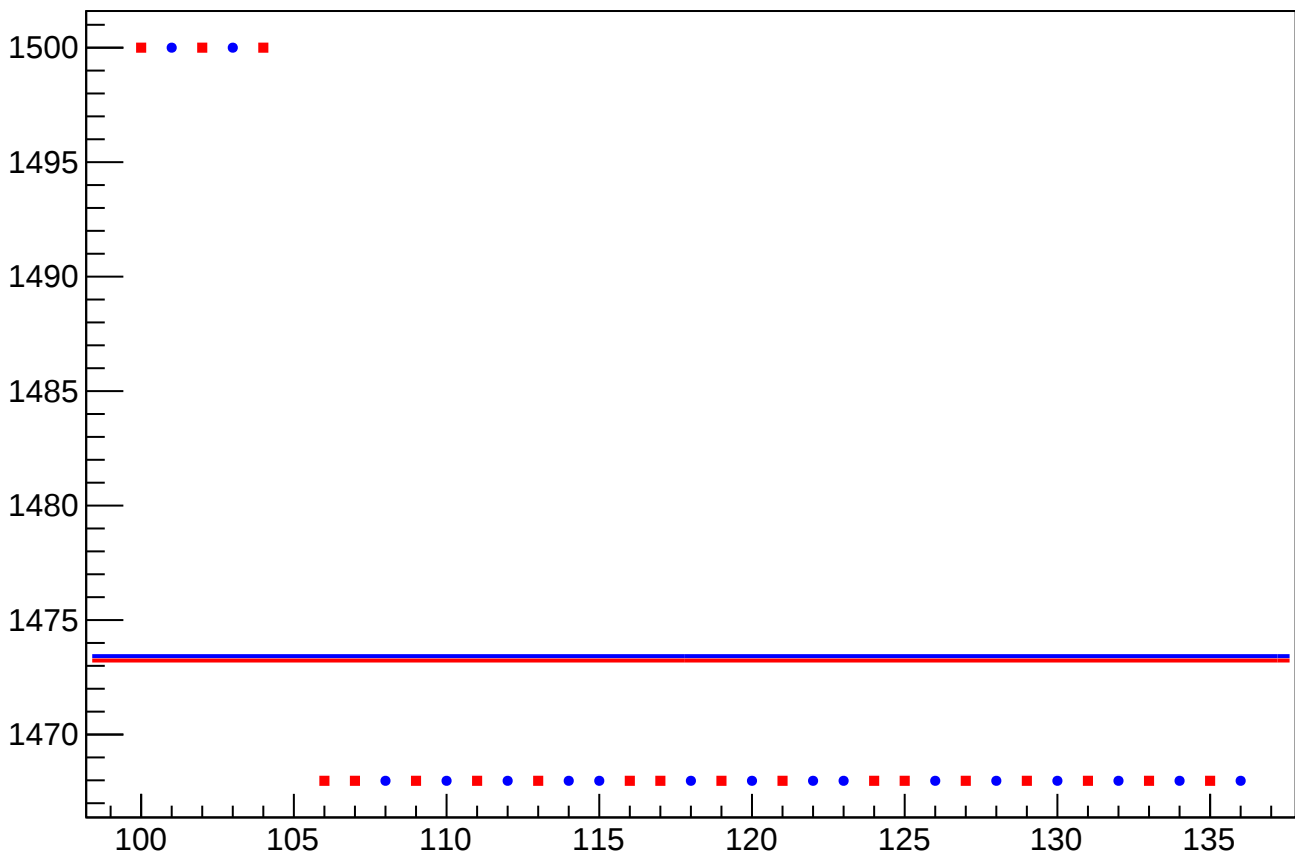
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.090+/-0.000 χ^2/NDF : 10280992461095219

-29.100+/-0.000 χ^2/NDF : 204615532676

-29.109+/-0.000 χ^2/NDF : 10179256939179708

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

1473.424+/-0.000 χ^2/NDF : 1004212958282455

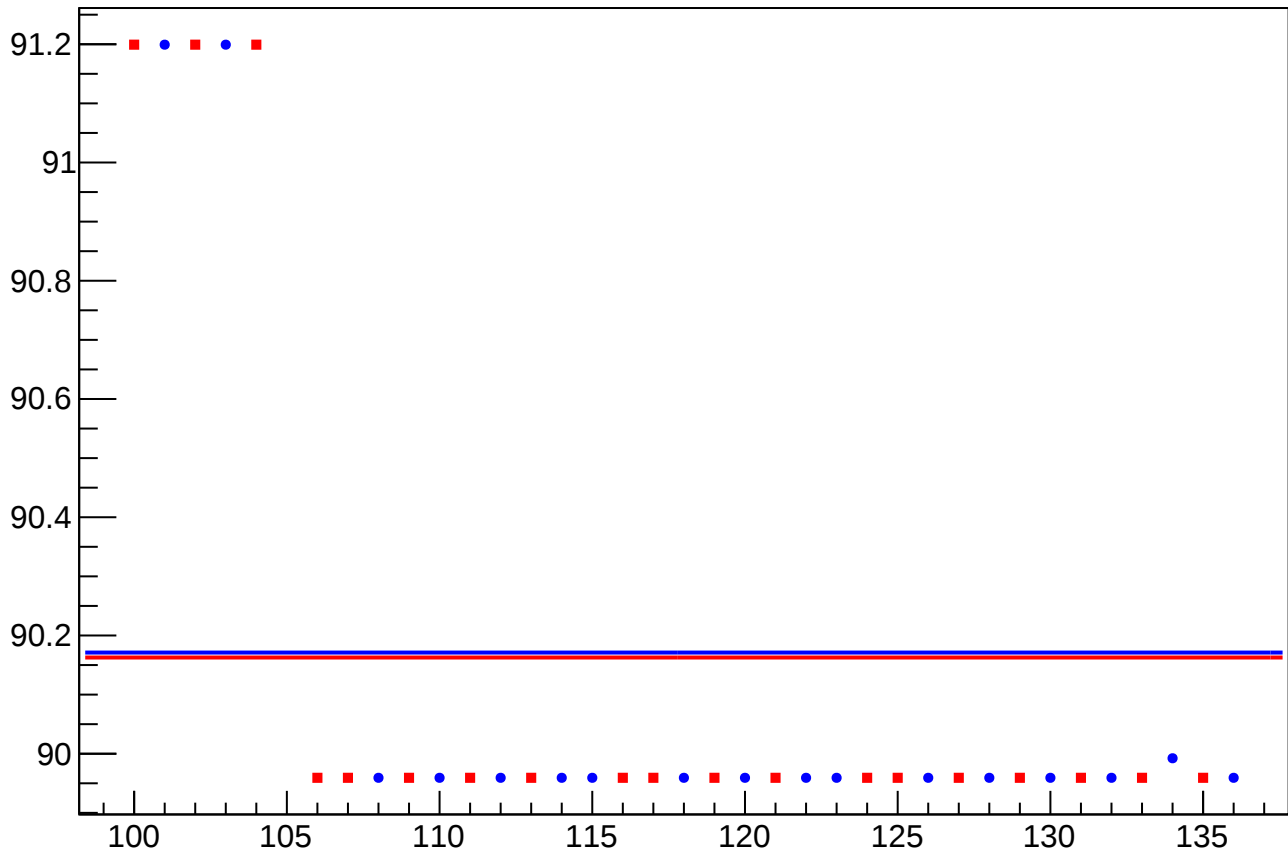
Right Out: 1473.233+/-0.000 χ^2/NDF : 99427577276154165802398425836158976.0/18

1473.328+/-0.000 χ^2/NDF : 19986160884

1473.233+/-0.000 χ^2/NDF : 9942757727615416

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.171+/-0.000 χ^2/NDF : 150316905454500935857801185460224.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.163+/-0.000 χ^2/NDF : 149097179066509003823234091581440.0/18

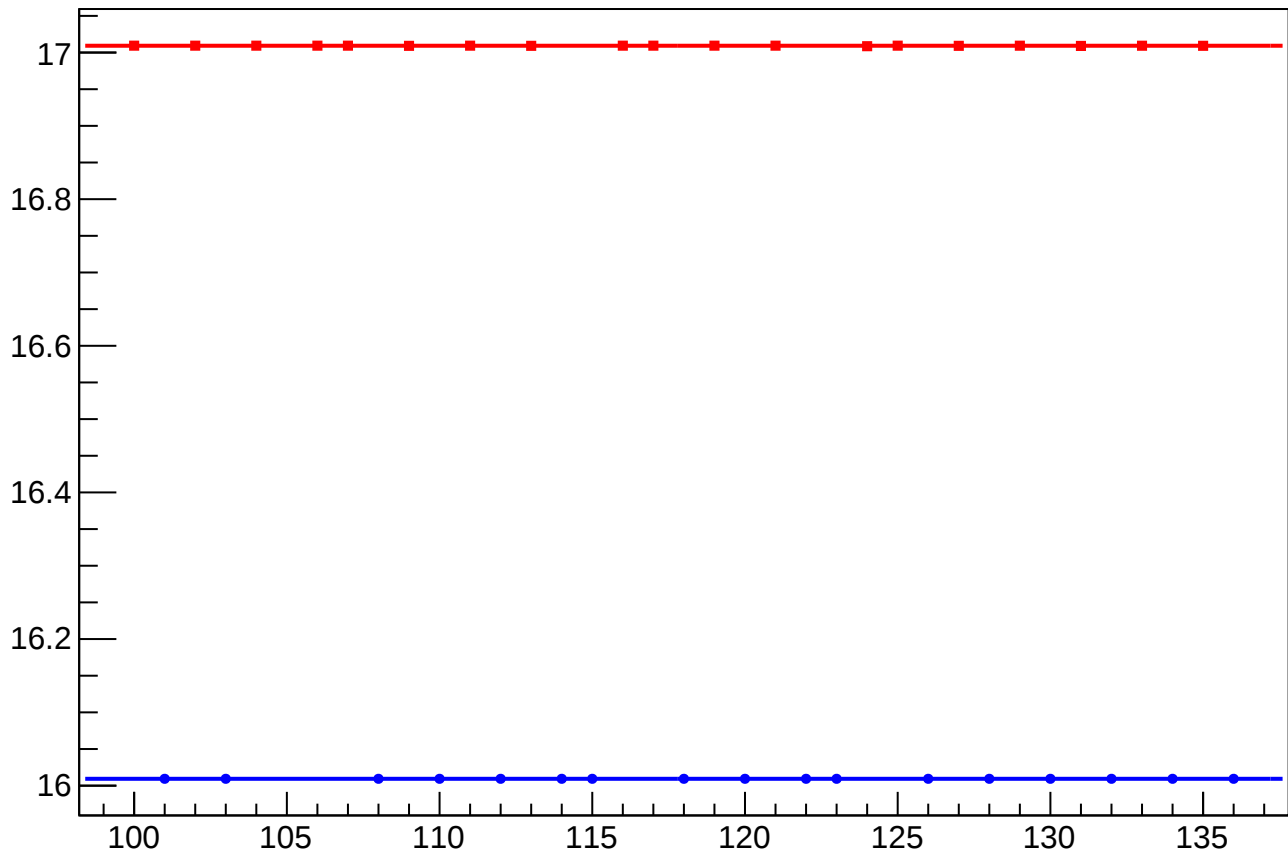
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.171+/-0.000 χ^2/NDF : 150316905454500935857801185460224.0/16

90.167+/-0.000 χ^2/NDF : 2994387053686

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 : 44327.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.009+/-0.000 χ^2/NDF : 44327.7/16

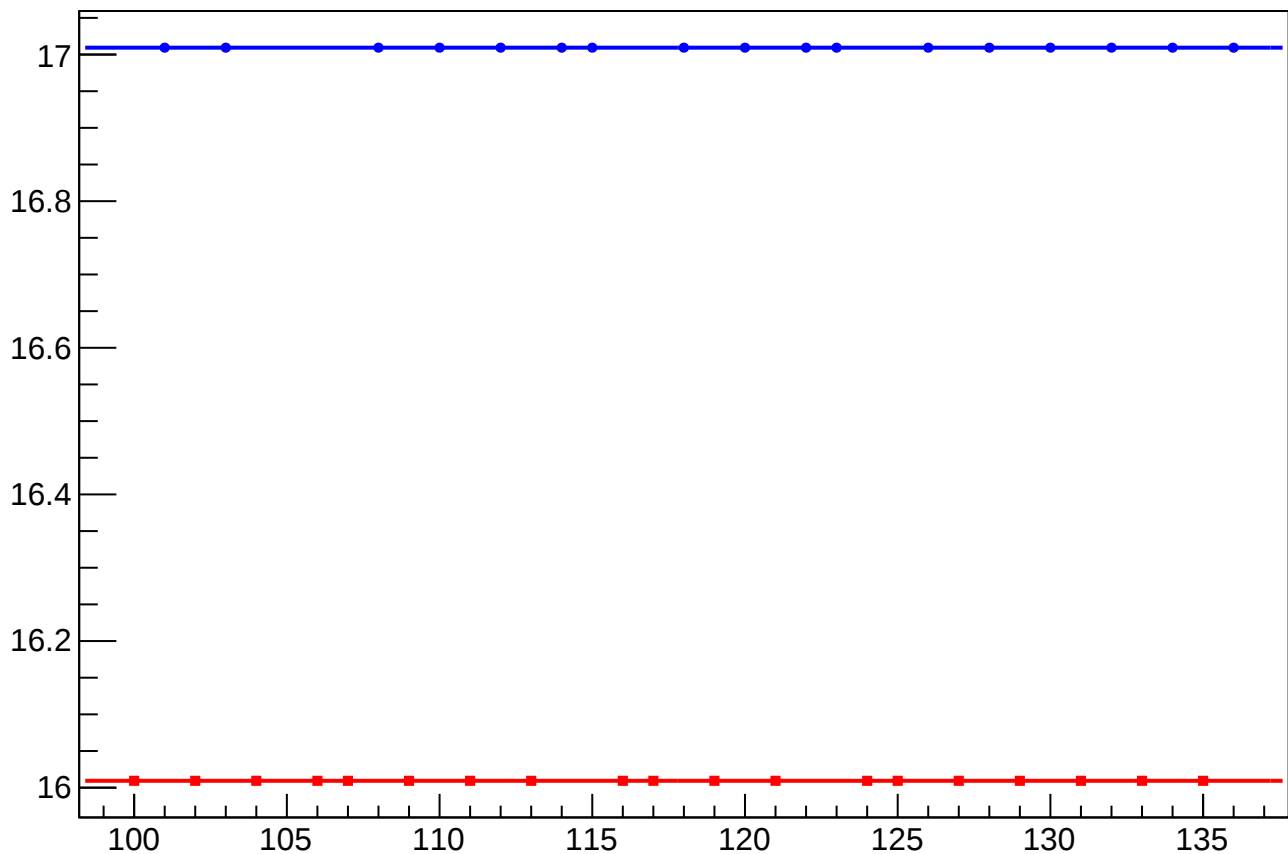
16.500+/-0.000 χ^2/NDF : 3250879379484

Right Out: 17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

17.009+/-0.000 χ^2/NDF : 12389476647225414836551680.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2 /NDF: 132629.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009+/-0.000 χ^2 /NDF: 23337.7/18

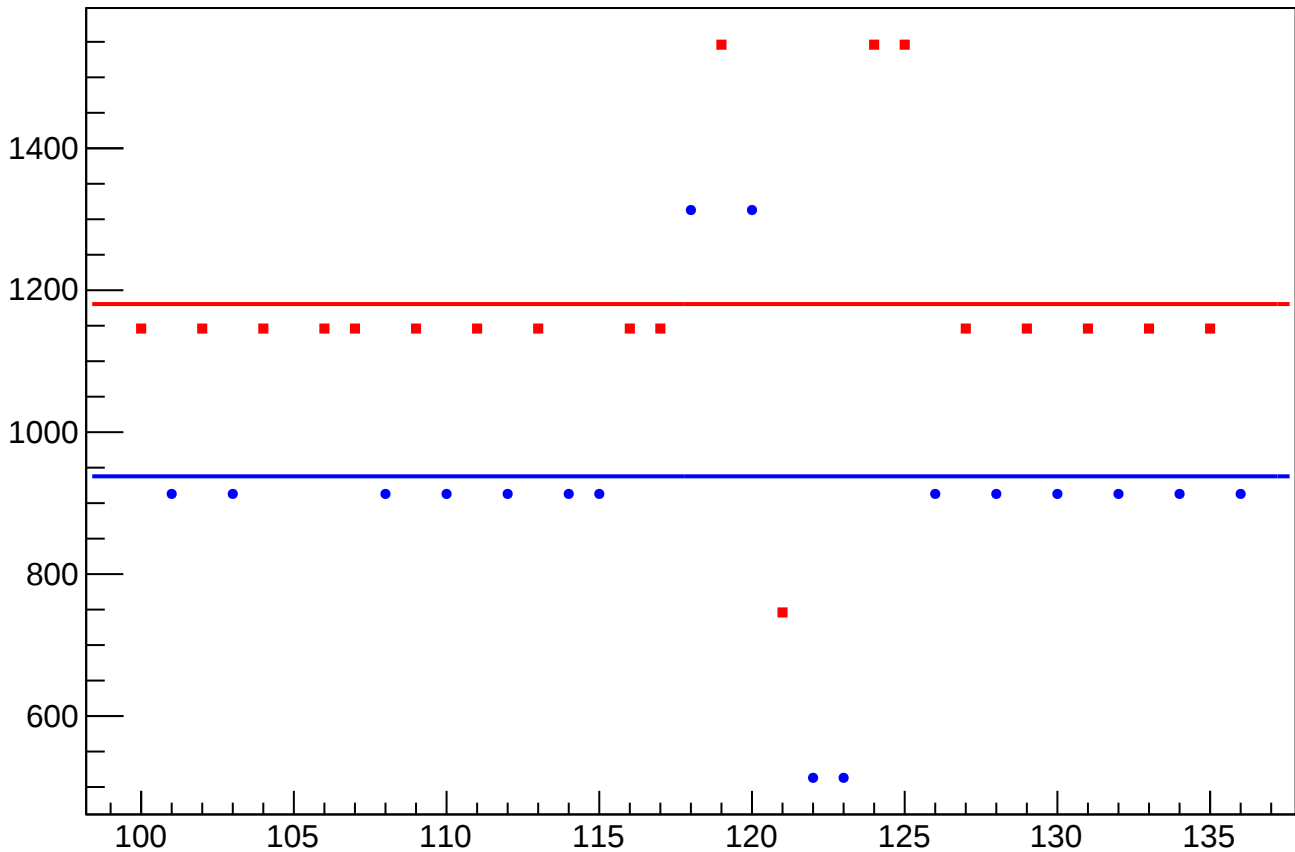
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.009+/-0.000 χ^2 /NDF: 132629.6/16

16.495+/-0.000 χ^2 /NDF: 3402349486049

16.009+/-0.000 χ^2 /NDF: 23337.7/18

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

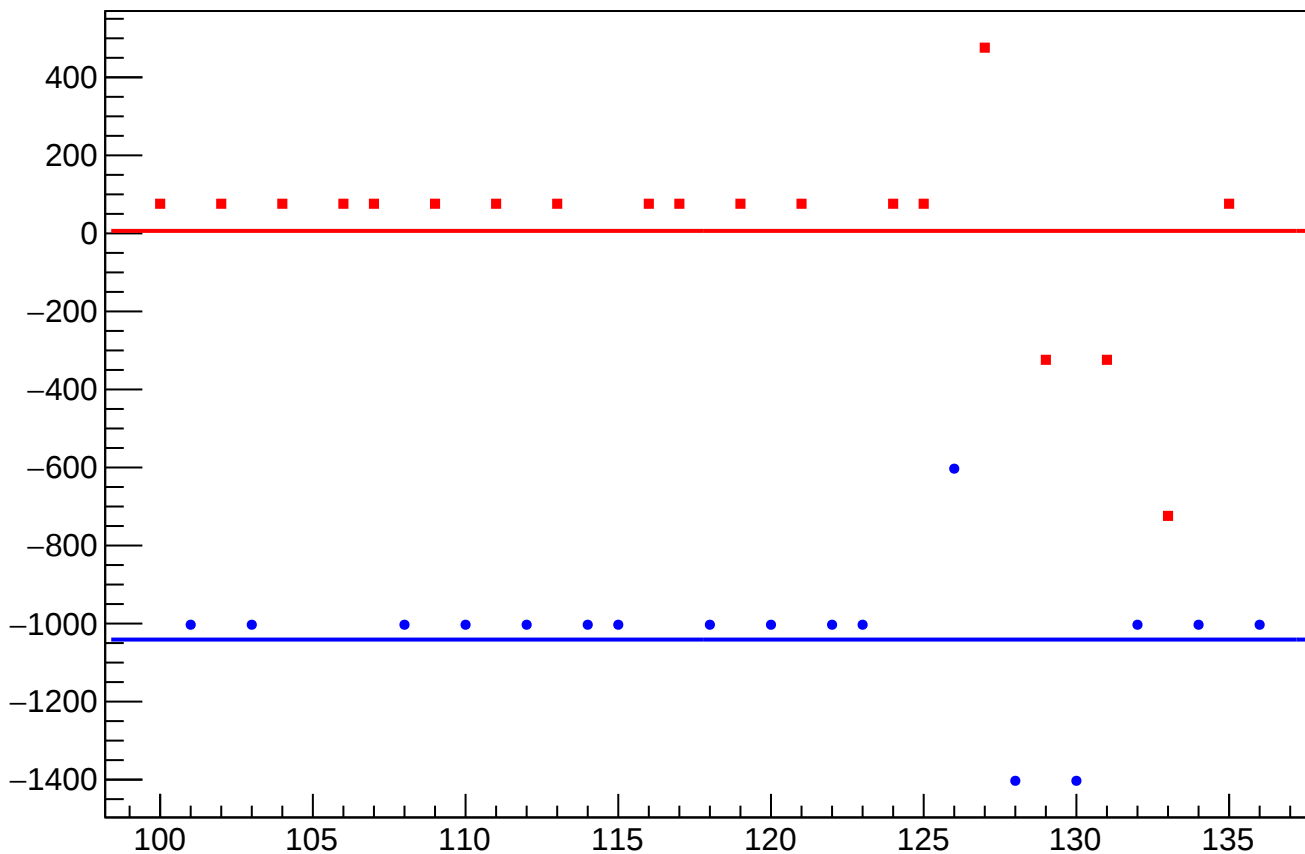
1060.277+/-0.000 χ^2/NDF : 62890041761

Right Out: 1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

1180.522+/-0.000 χ^2/NDF : 21398620707516997563123126535953842176.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

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

-1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

-512.445+/-0.000 χ^2/NDF : 45069451832.0/16

6.419+/-0.000 χ^2/NDF : 43775786851623464135037405036363644928.0/18