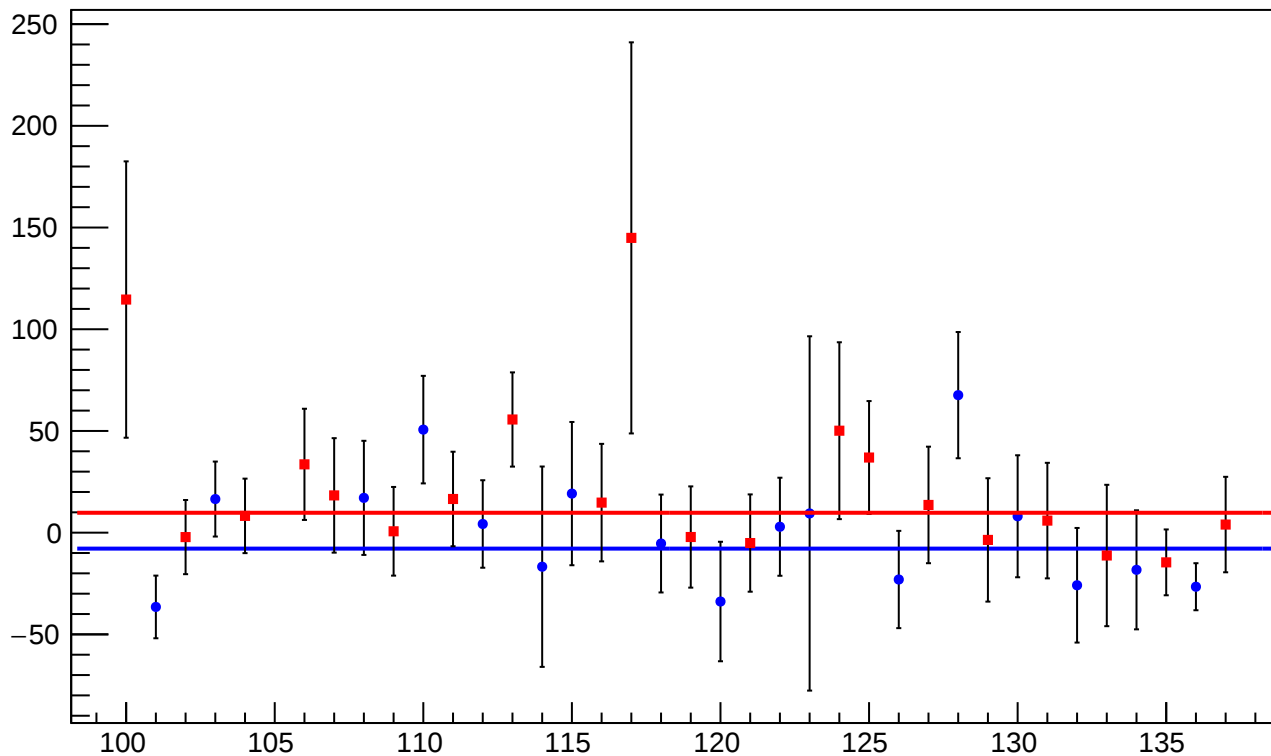


diff_bpm4aX_mean vs Slug, Sign Corrected



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: 9.781+/-5.667

χ^2/NDF : 15.2/19

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

-7.841+/-5.608

χ^2/NDF : 22.6/16

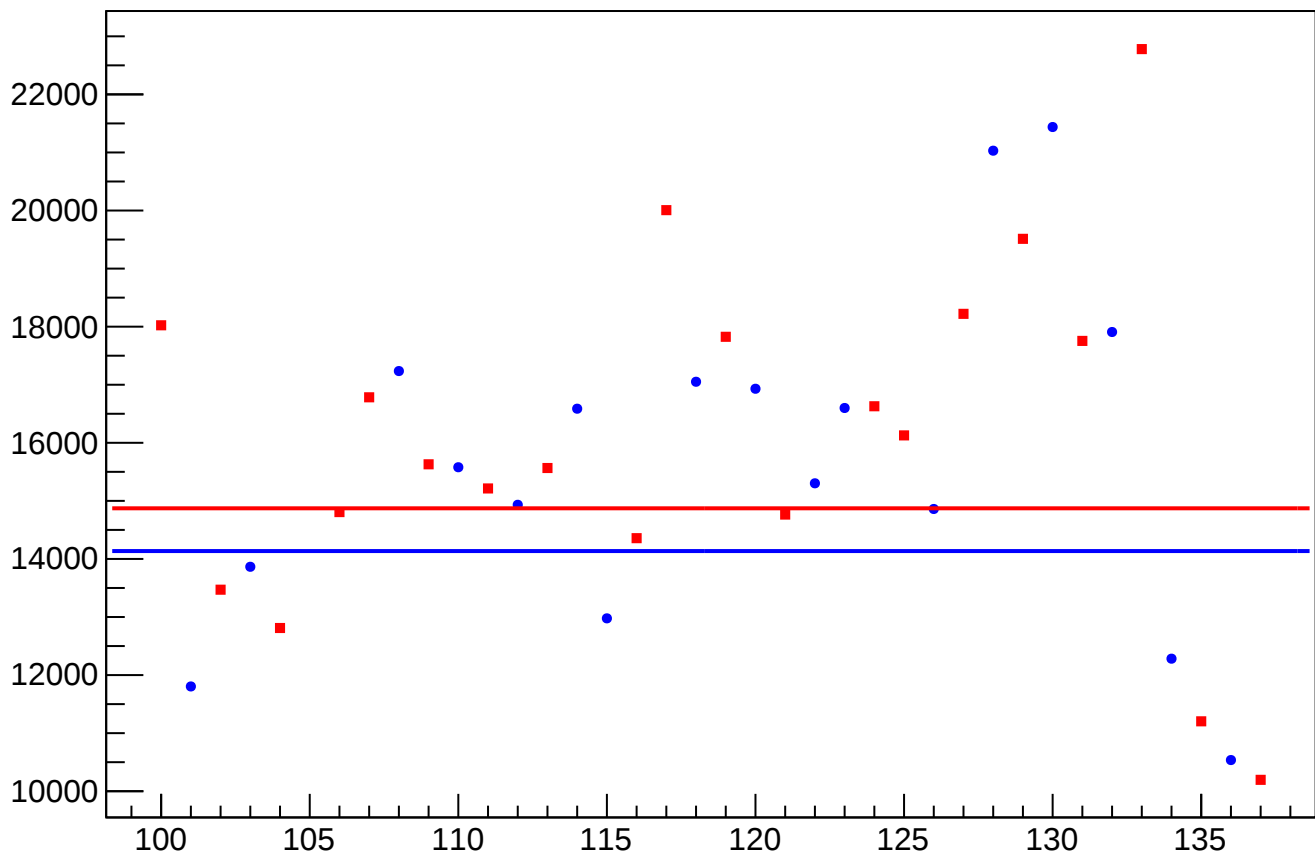
0.878+/-3.986

χ^2/NDF : 42.7/36

9.781+/-5.667

χ^2/NDF : 15.2/19

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: 14871.940+/-4.007 χ^2/NDF : 477742.9/19

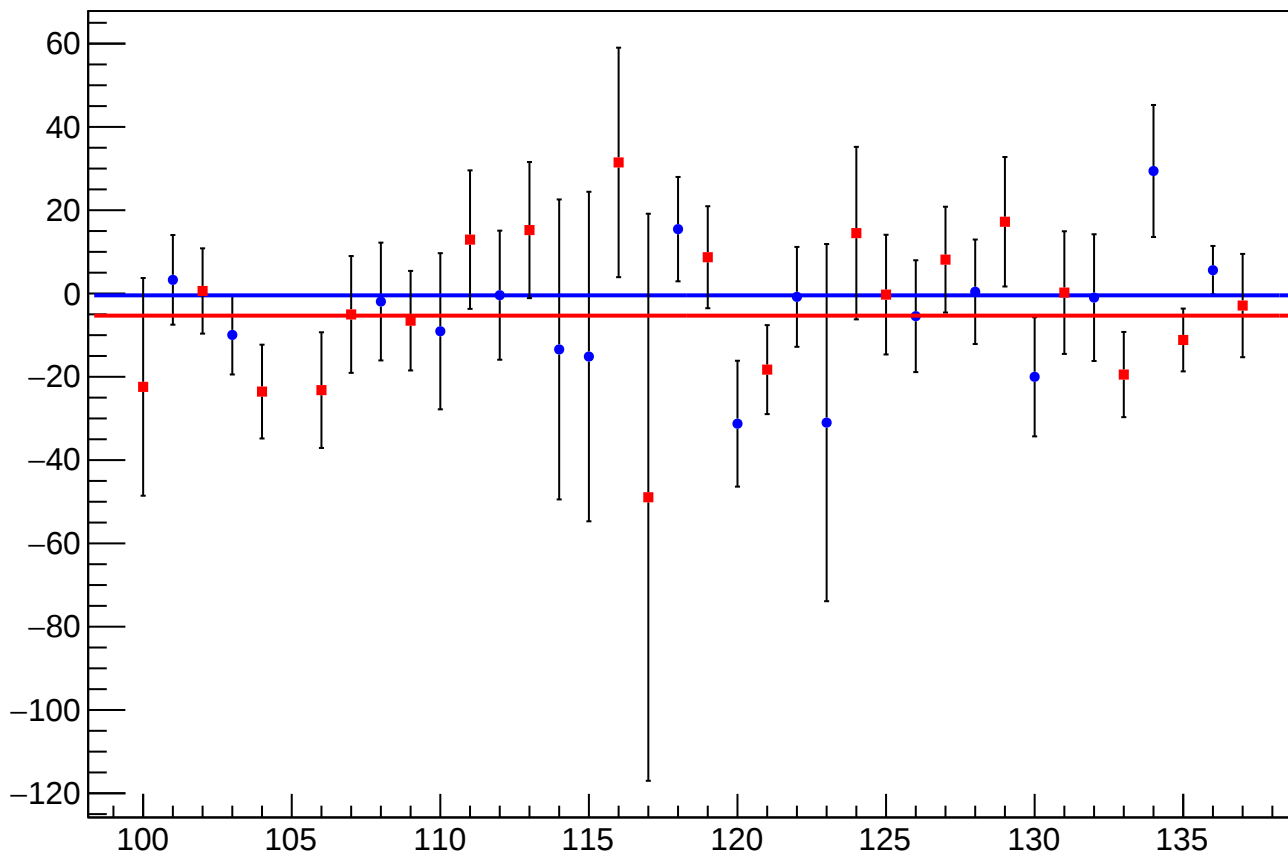
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

14500.017+/-2.819 χ^2/NDF : 1091970.8/3

14871.940+/-4.007 χ^2/NDF : 477742.9/19

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: -5.310+/-2.933 χ^2/NDF : 19.8/19

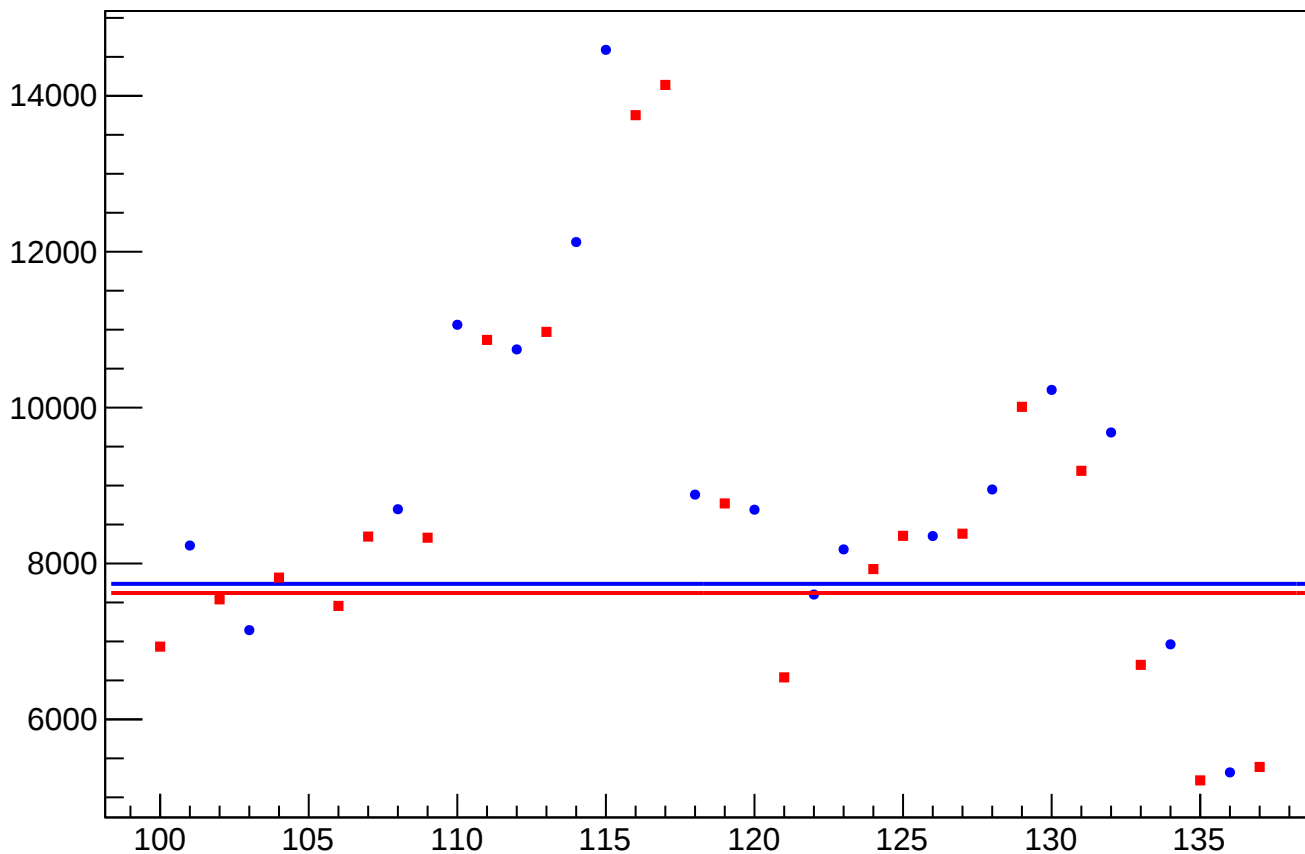
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.441+/-3.071 χ^2/NDF : 14.5/16

-2.988+/-2.121 χ^2/NDF : 35.6/36

-5.310+/-2.933 χ^2/NDF : 19.8/19

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7738.886 $\pm$ 2.172 χ^2 /NDF: 740836.7/16

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

Right Out: 7621.652 $\pm$ 2.074 χ^2 /NDF: 697548.6/19

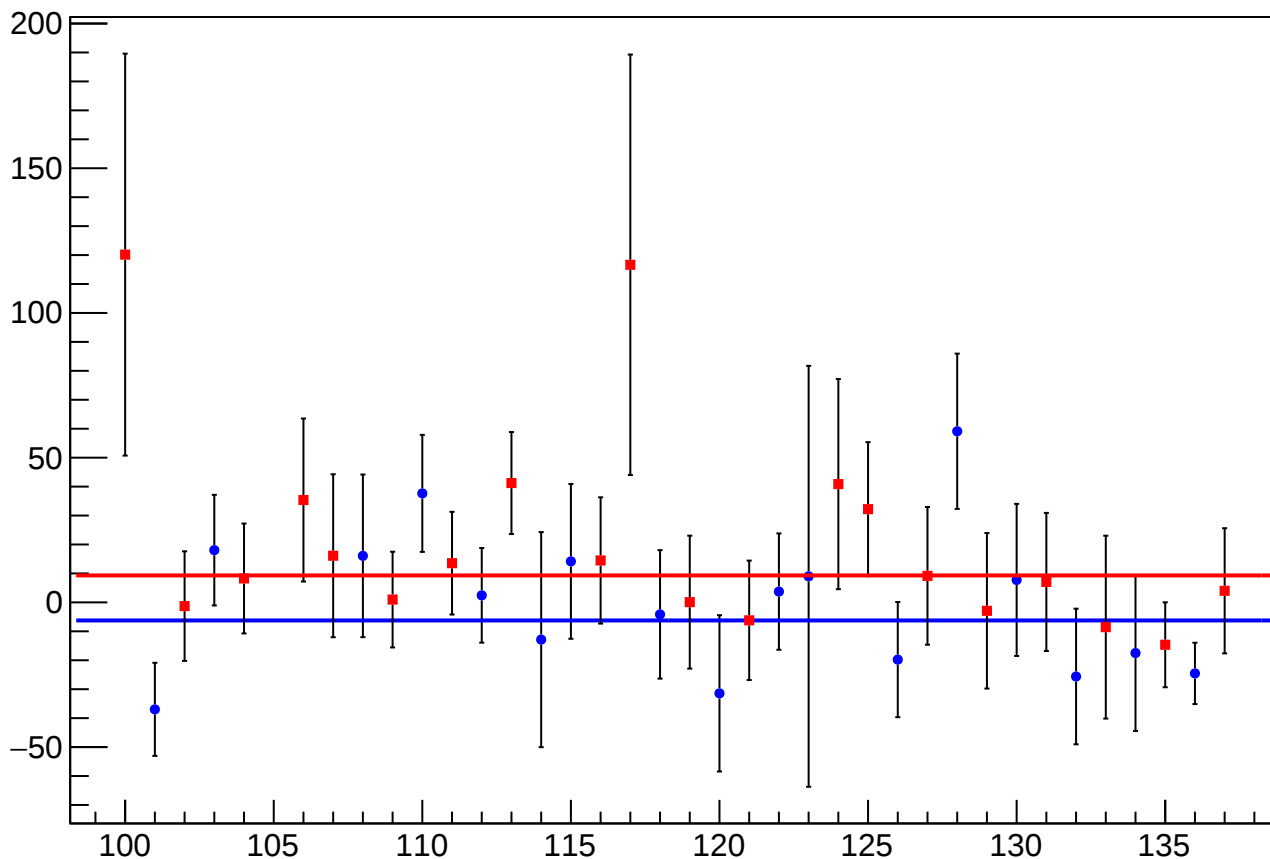
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7738.886 $\pm$ 2.172 χ^2 /NDF: 740836.7/16

7677.577 $\pm$ 1.500 χ^2 /NDF: 1439909.5/36

7621.652 $\pm$ 2.074 χ^2 /NDF: 697548.6/19

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: 9.310+/-4.987 χ^2/NDF : 15.3/19

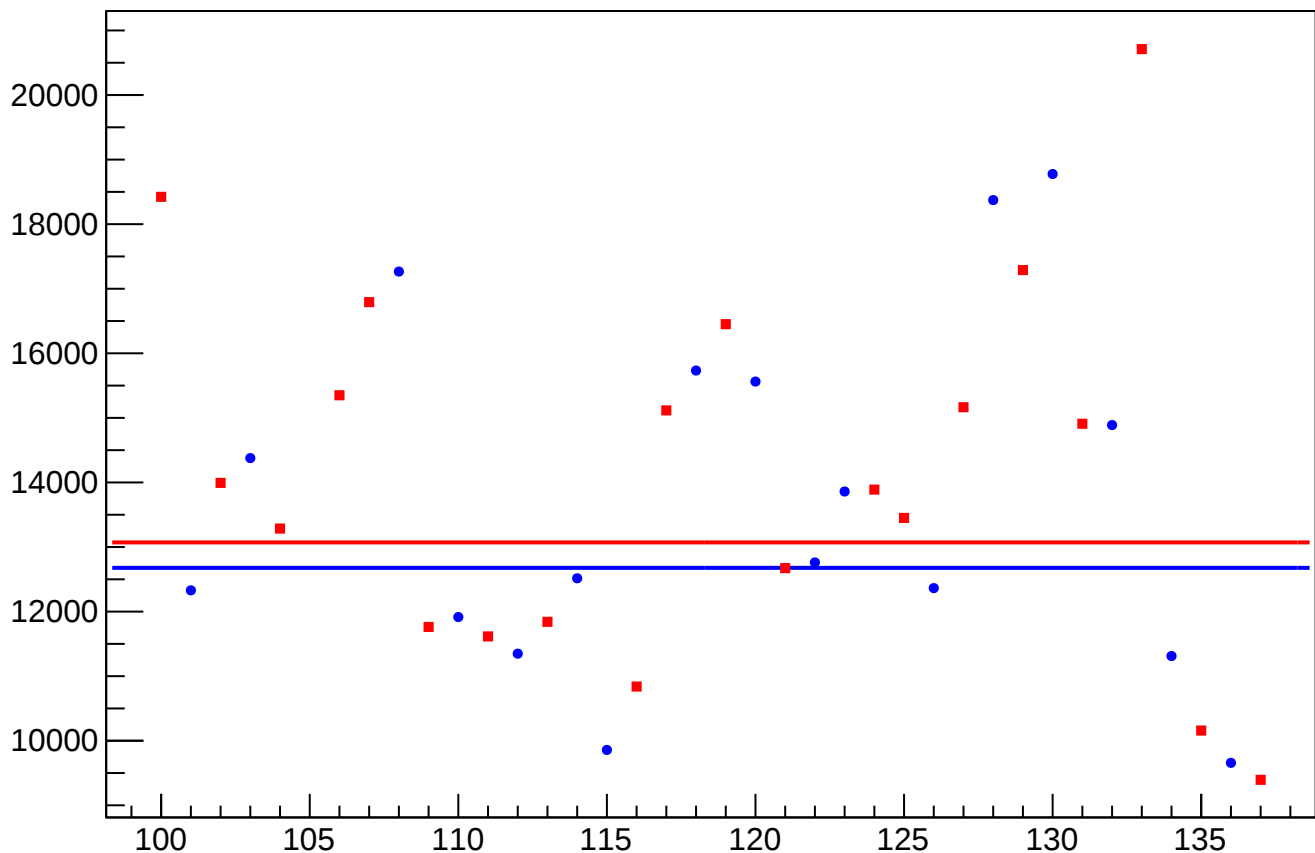
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.244+/-5.017 χ^2/NDF : 23.2/16

1.579+/-3.537 χ^2/NDF : 43.4/36

9.310+/-4.987 χ^2/NDF : 15.3/19

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: 13071.522+/-3.527 χ^2/NDF : 499021.5/19

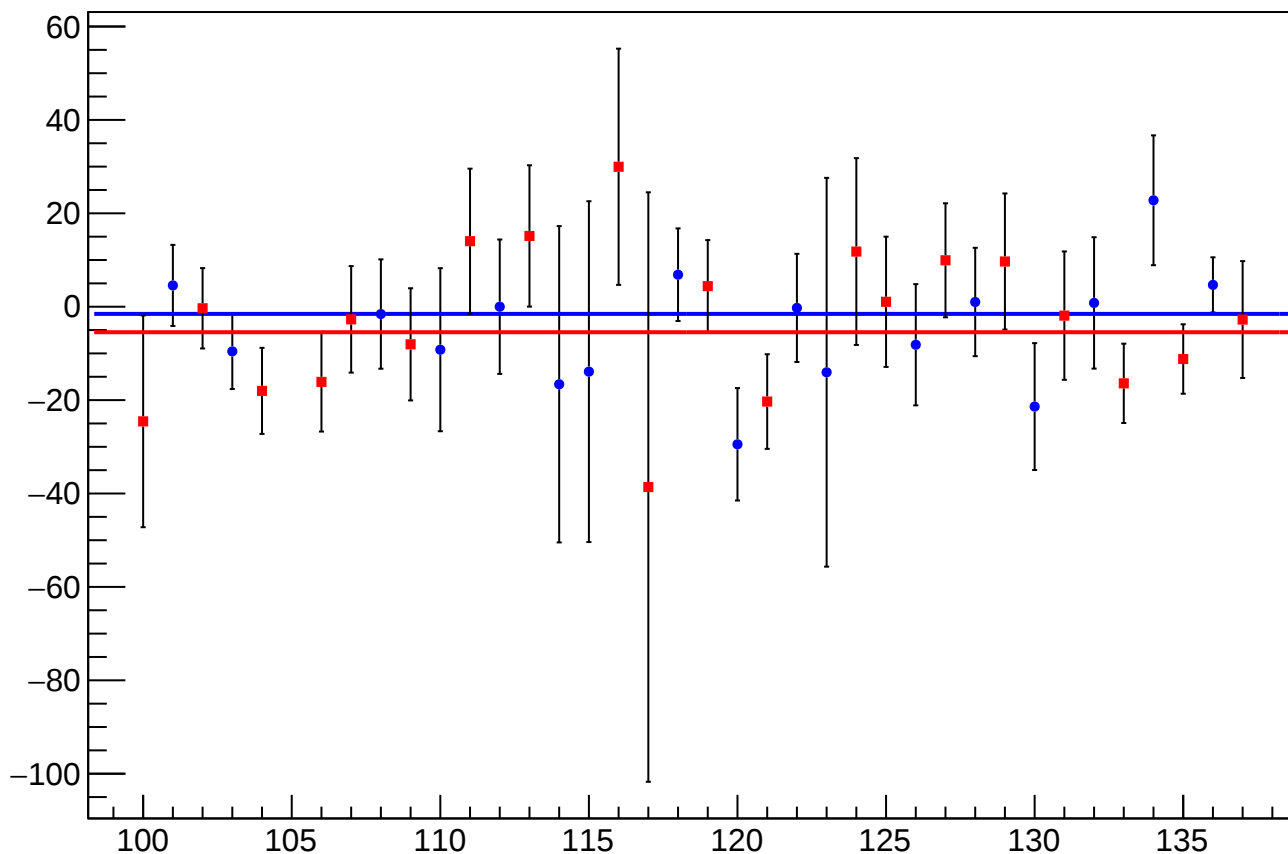
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

12875.695+/-2.501 χ^2/NDF : 1058830.6/3

13071.522+/-3.527 χ^2/NDF : 499021.5/19

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: -5.463+/-2.637 χ^2/NDF : 18.9/19

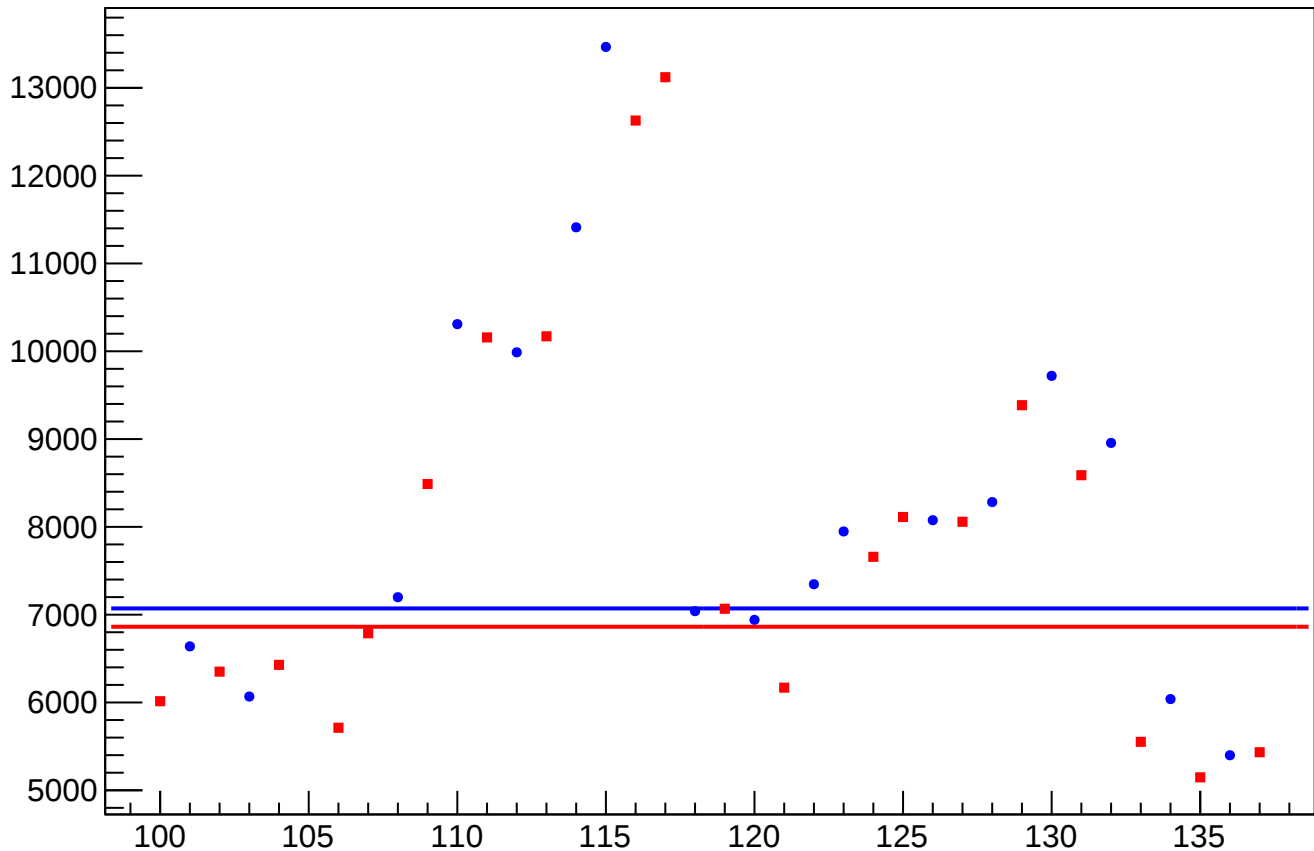
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.538+/-2.790 χ^2/NDF : 14.8/16

-3.611+/-1.917 χ^2/NDF : 34.7/36

-5.463+/-2.637 χ^2/NDF : 18.9/19

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: 6862.551+/-1.865 χ^2/NDF : 704099.3/19

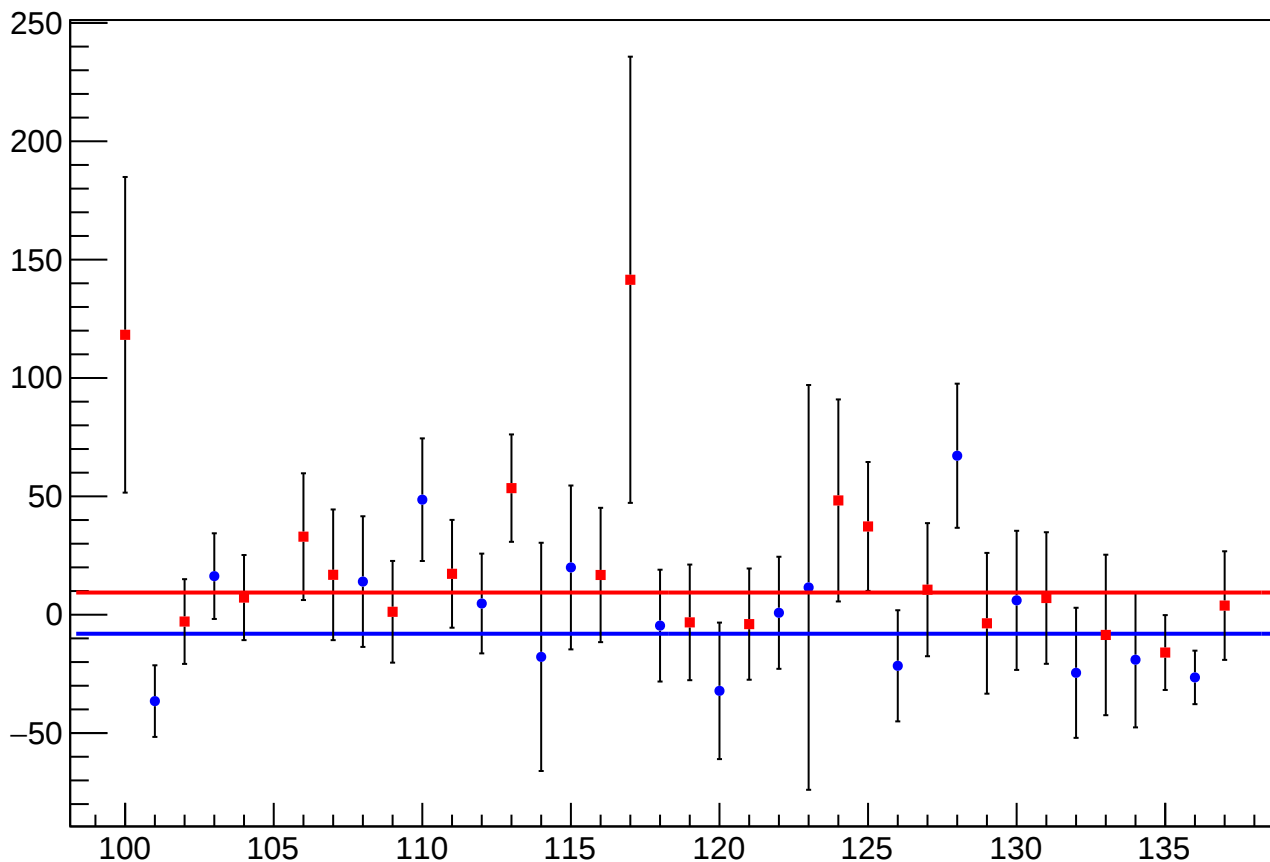
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6960.922+/-1.355 χ^2/NDF : 1310744.9/36

6862.551+/-1.865 χ^2/NDF : 704099.3/19

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: 9.368+/-5.556 χ^2/NDF : 15.7/19

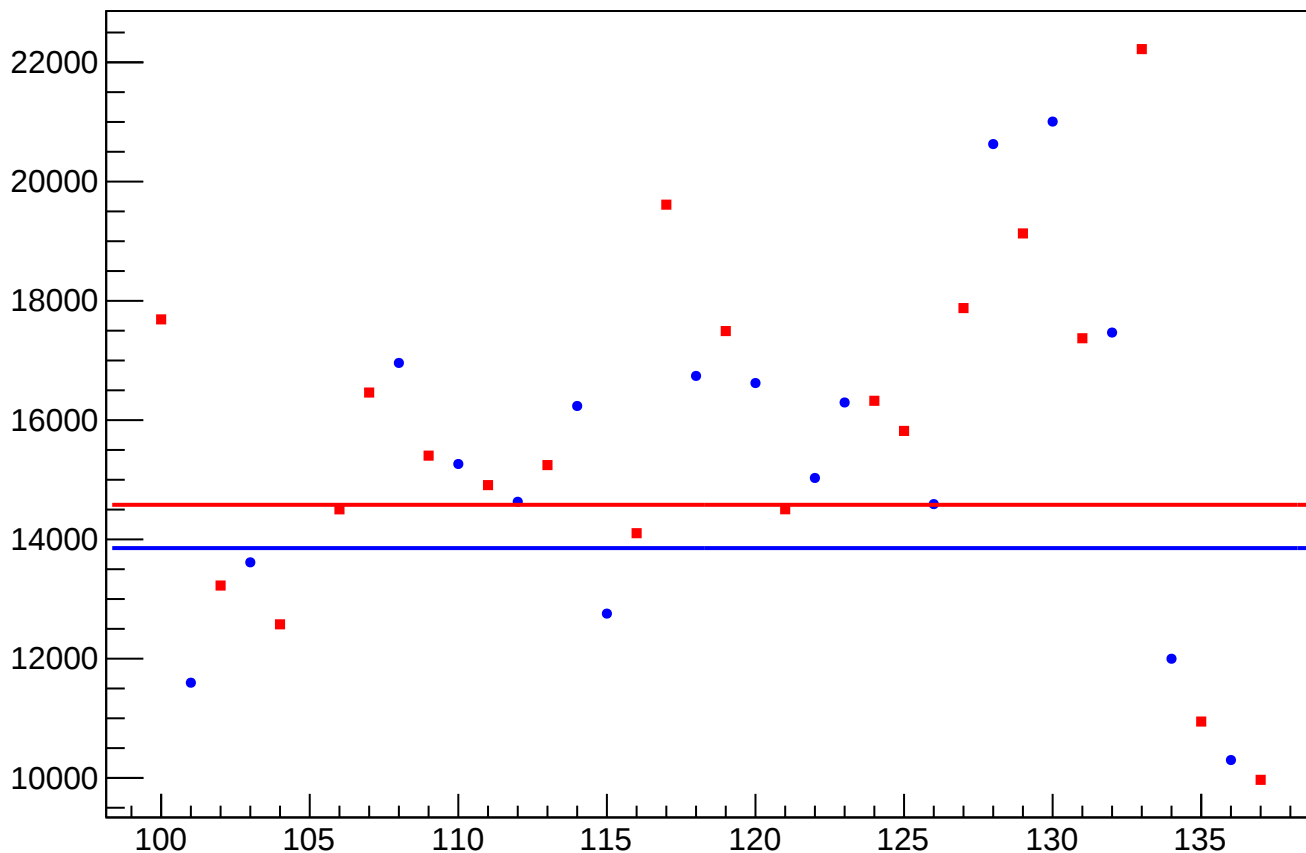
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.036+/-5.497 χ^2/NDF : 22.6/16

0.573+/-3.908 χ^2/NDF : 43.2/36

9.368+/-5.556 χ^2/NDF : 15.7/19

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: 14579.863+/-3.929 χ^2/NDF : 480003.4/19

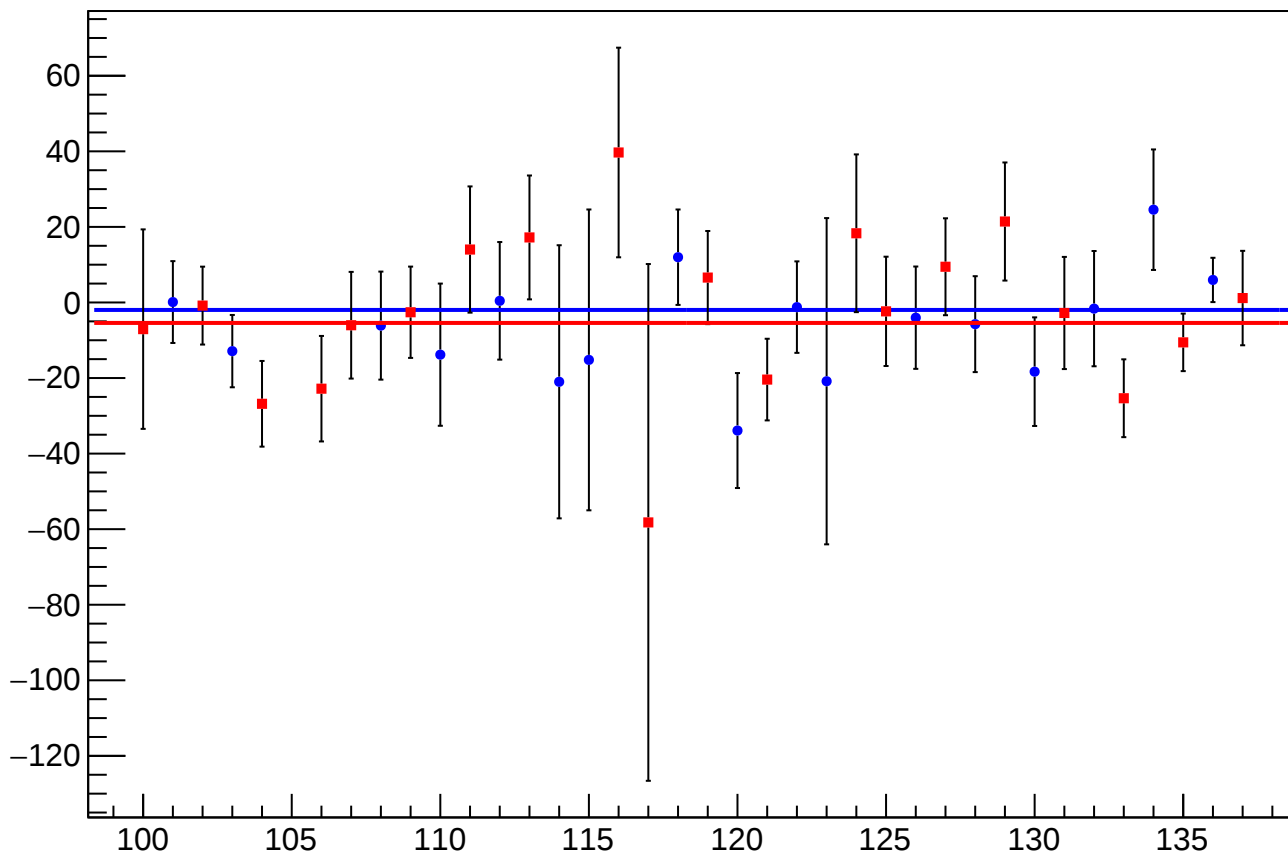
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

14213.145+/-2.763 χ^2/NDF : 1098205.5/3

14579.863+/-3.929 χ^2/NDF : 480003.4/19

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: -5.417+/-2.956 χ^2/NDF : 24.9/19

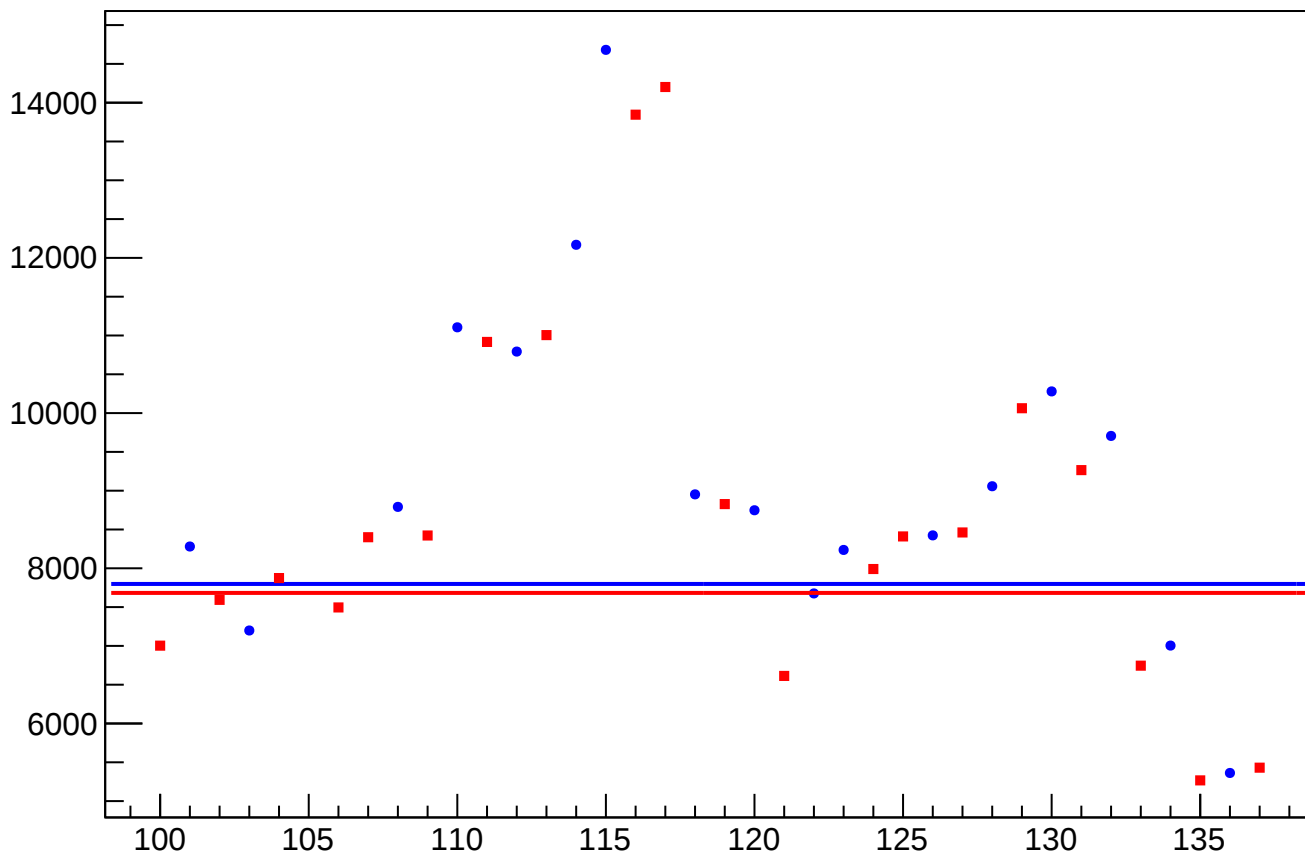
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.978+/-3.094 χ^2/NDF : 14.0/16

-3.776+/-2.137 χ^2/NDF : 39.6/36

-5.417+/-2.956 χ^2/NDF : 24.9/19

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7798.267+/-2.188 χ^2/NDF : 736283.6/16

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

Right Out: 7682.786+/-2.090 χ^2/NDF : 690901.2/19

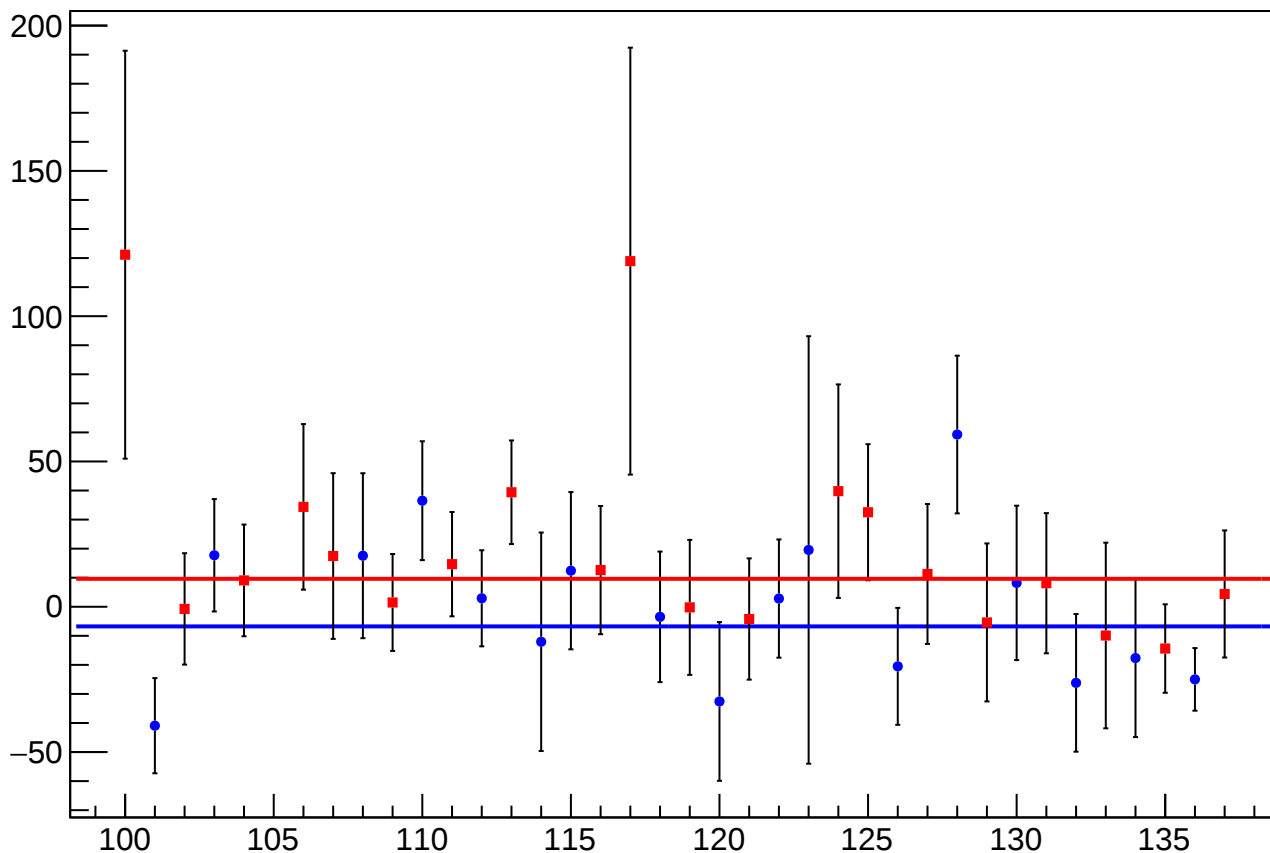
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7798.267+/-2.188 χ^2/NDF : 736283.6/16

7737.889+/-1.511 χ^2/NDF : 1428641.5/36

7682.786+/-2.090 χ^2/NDF : 690901.2/19

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: 9.622+/-5.058 χ^2/NDF : 14.5/19

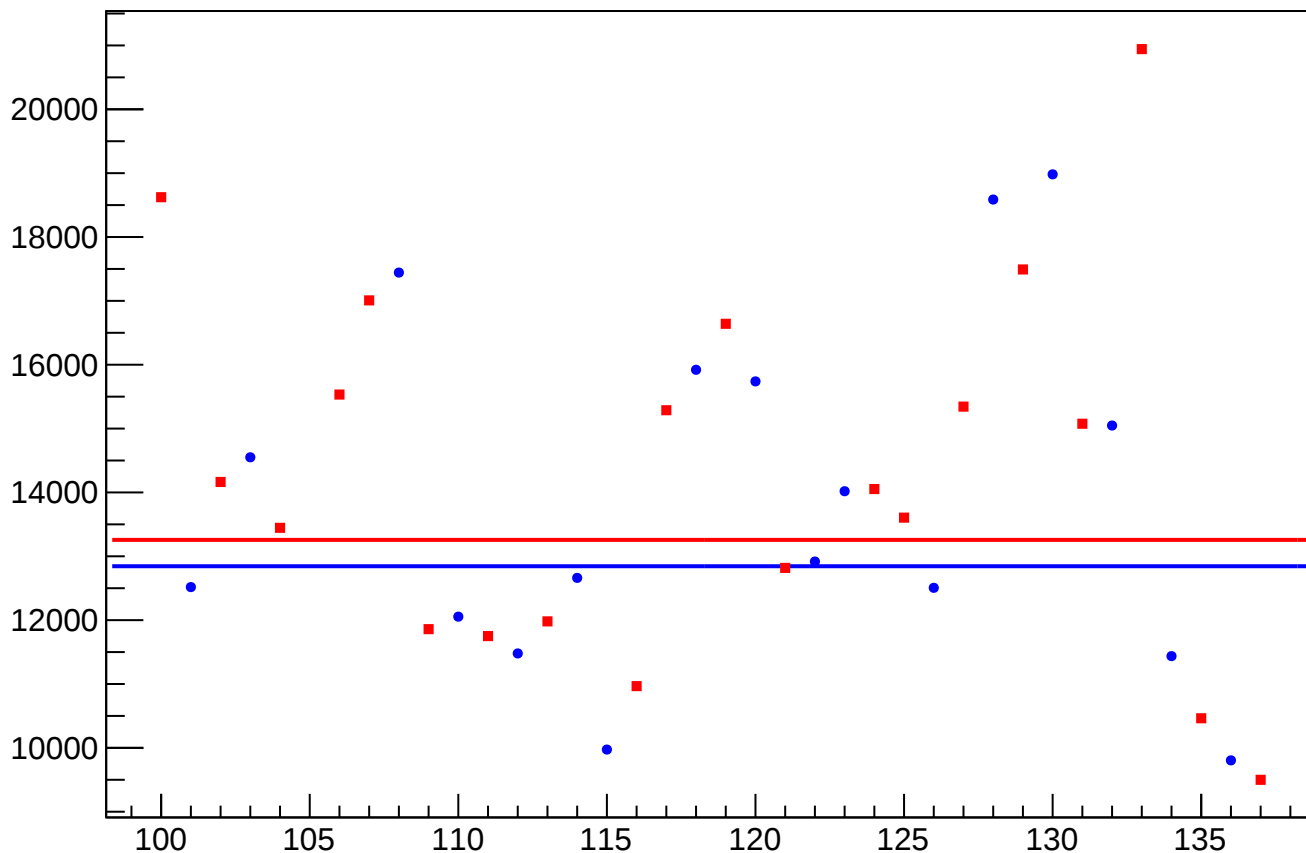
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.760+/-5.085 χ^2/NDF : 23.7/16

1.474+/-3.586 χ^2/NDF : 43.4/36

9.622+/-5.058 χ^2/NDF : 14.5/19

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: 13256.926+/-3.577 χ^2/NDF : 487016.8/19

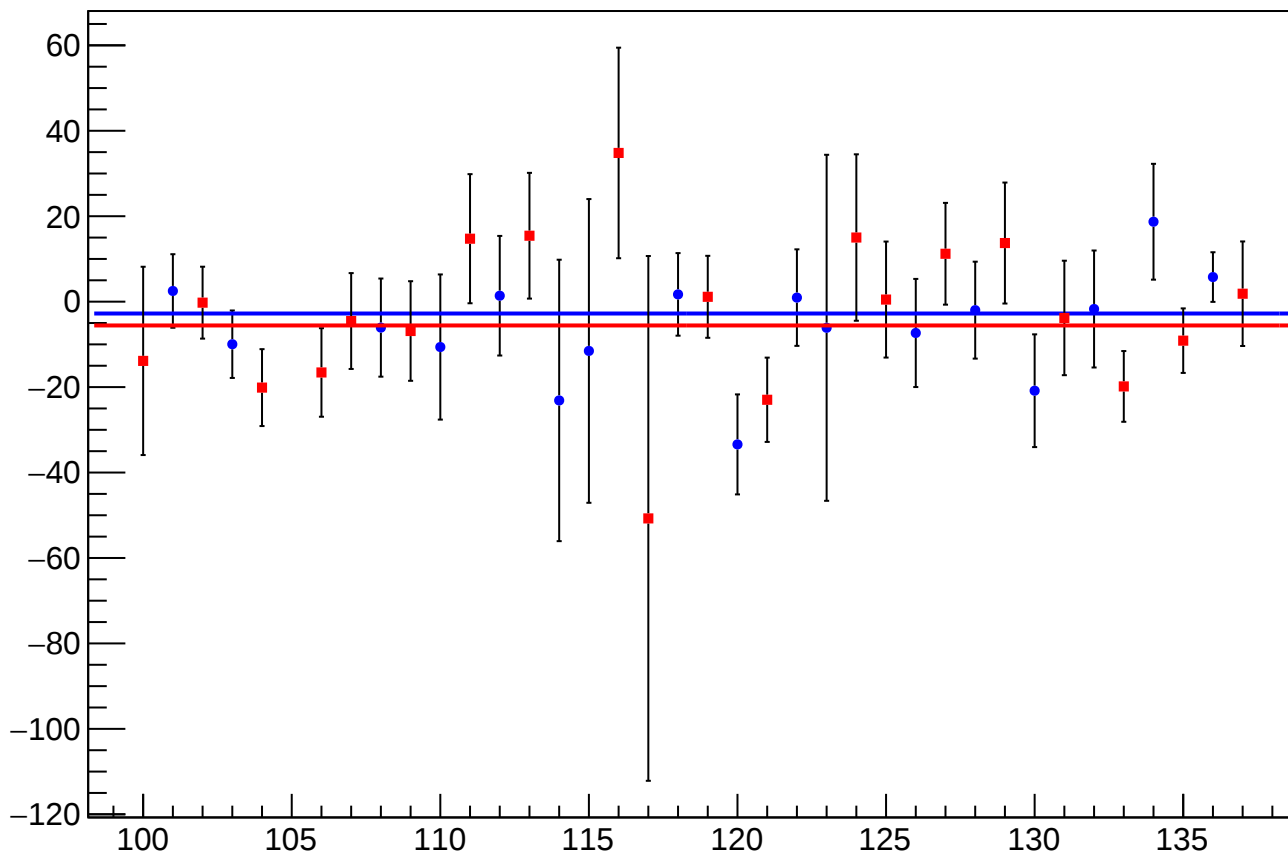
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13051.691+/-2.536 χ^2/NDF : 1040906.6/3

13256.926+/-3.577 χ^2/NDF : 487016.8/19

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: -5.571+/-2.585 χ^2 /NDF: 23.7/19

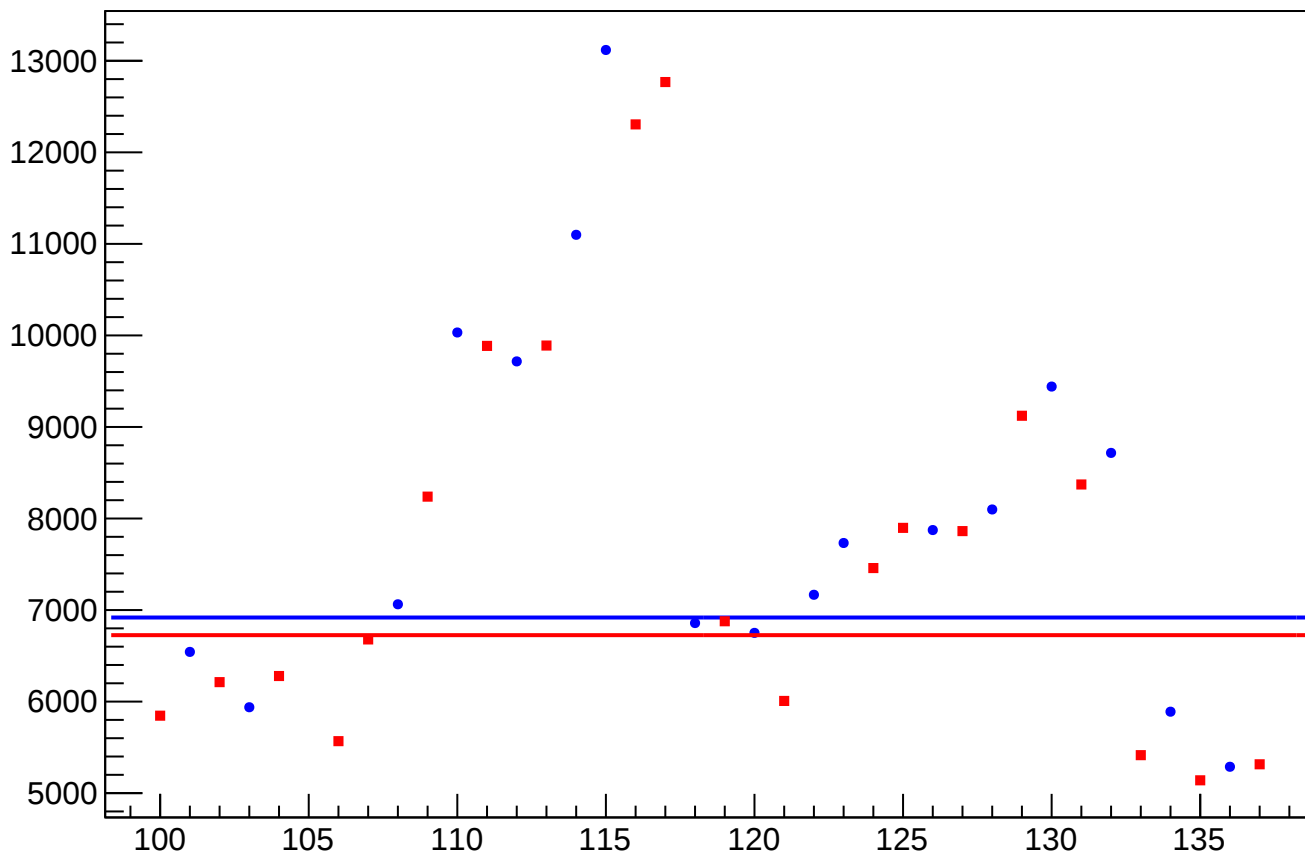
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.774+/-2.732 χ^2 /NDF: 15.9/16

-4.250+/-1.878 χ^2 /NDF: 40.2/36

-5.571+/-2.585 χ^2 /NDF: 23.7/19

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6918.477 $\pm$ 1.932 χ^2 /NDF: 587039.3/16

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

Right Out: 6725.745 $\pm$ 1.828 χ^2 /NDF: 675399.9/19

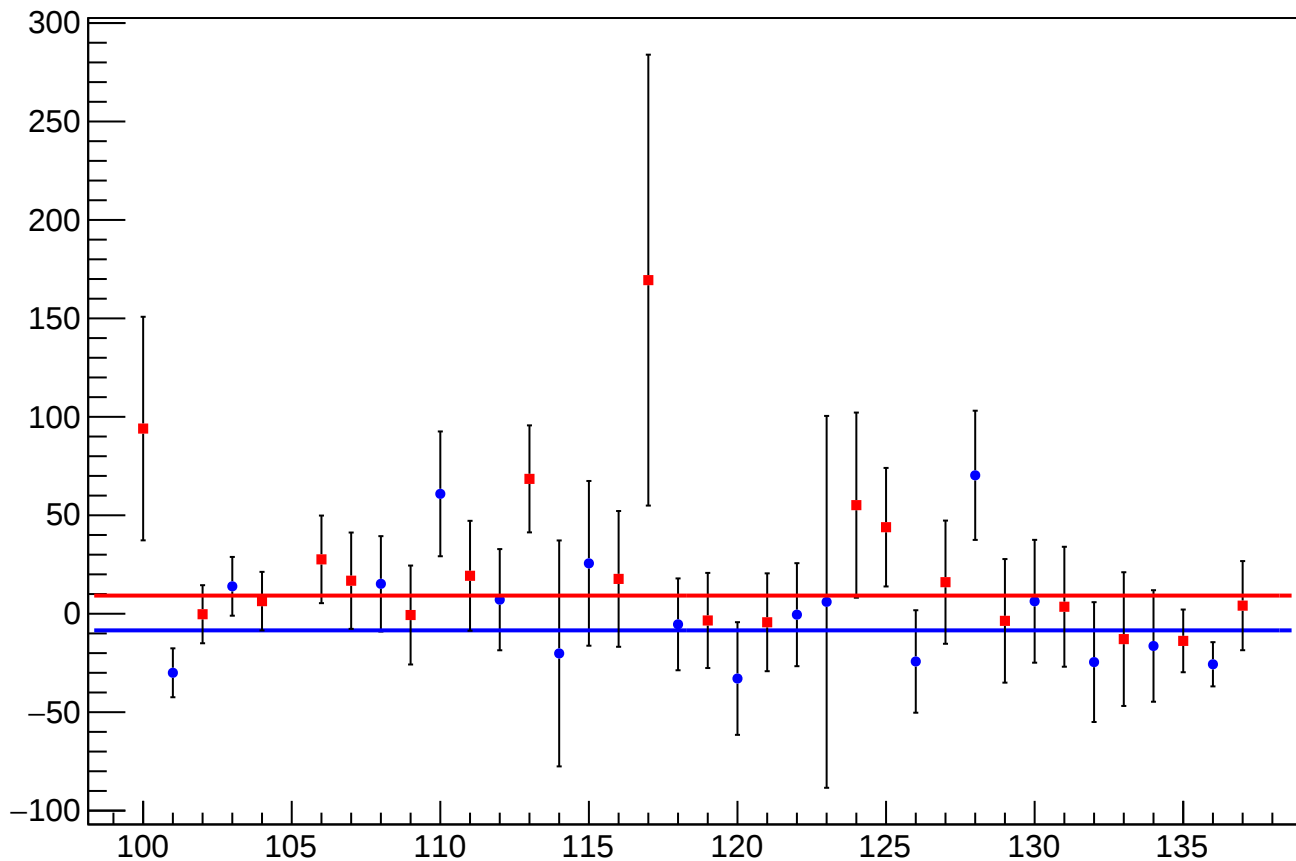
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6918.477 $\pm$ 1.932 χ^2 /NDF: 587039.3/16

6816.804 $\pm$ 1.328 χ^2 /NDF: 1267691.4/36

6725.745 $\pm$ 1.828 χ^2 /NDF: 675399.9/19

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: 9.224+/-5.502 χ^2/NDF : 16.2/19

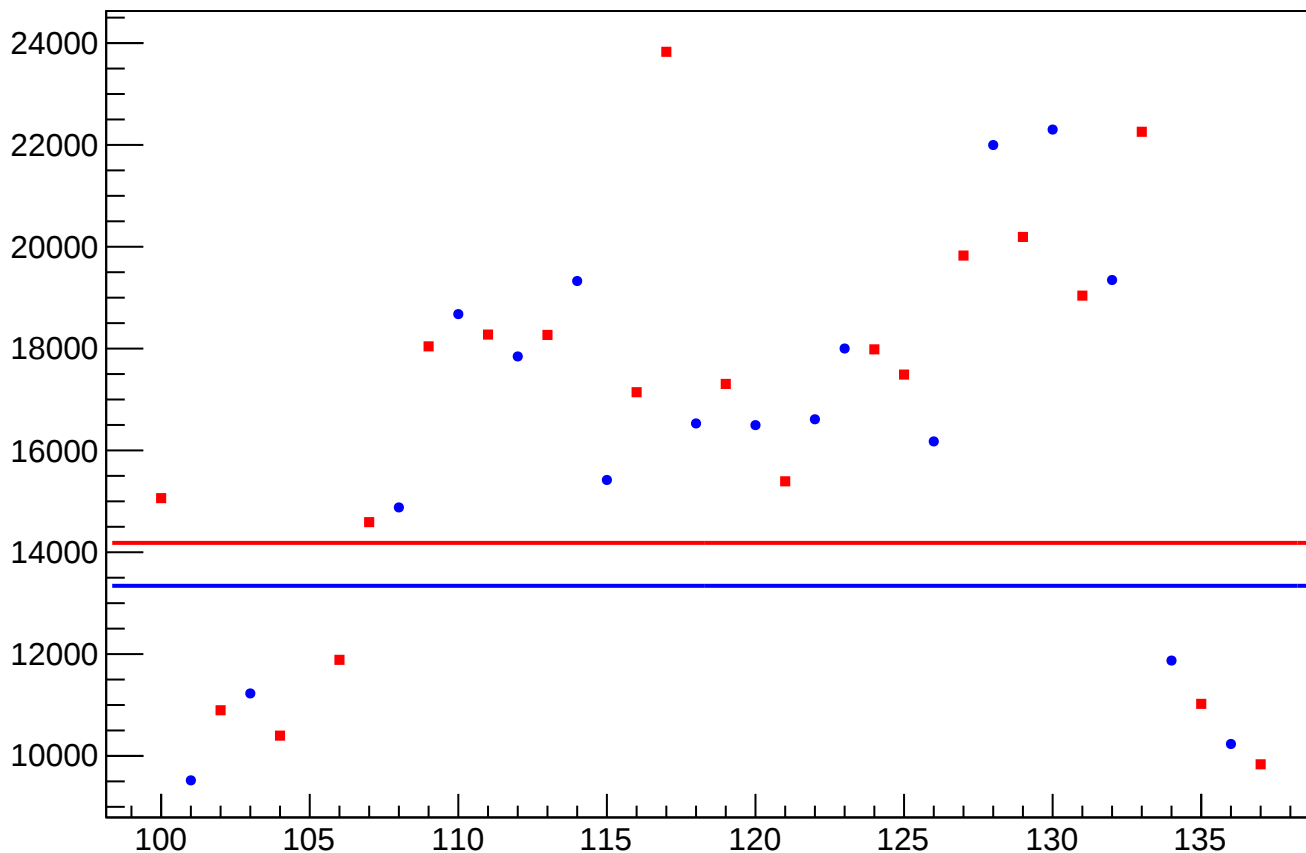
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.448+/-5.393 χ^2/NDF : 22.0/16

0.211+/-3.851 χ^2/NDF : 43.4/36

9.224+/-5.502 χ^2/NDF : 16.2/19

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: 14184.146+/-3.891 χ^2/NDF : 946010.4/19

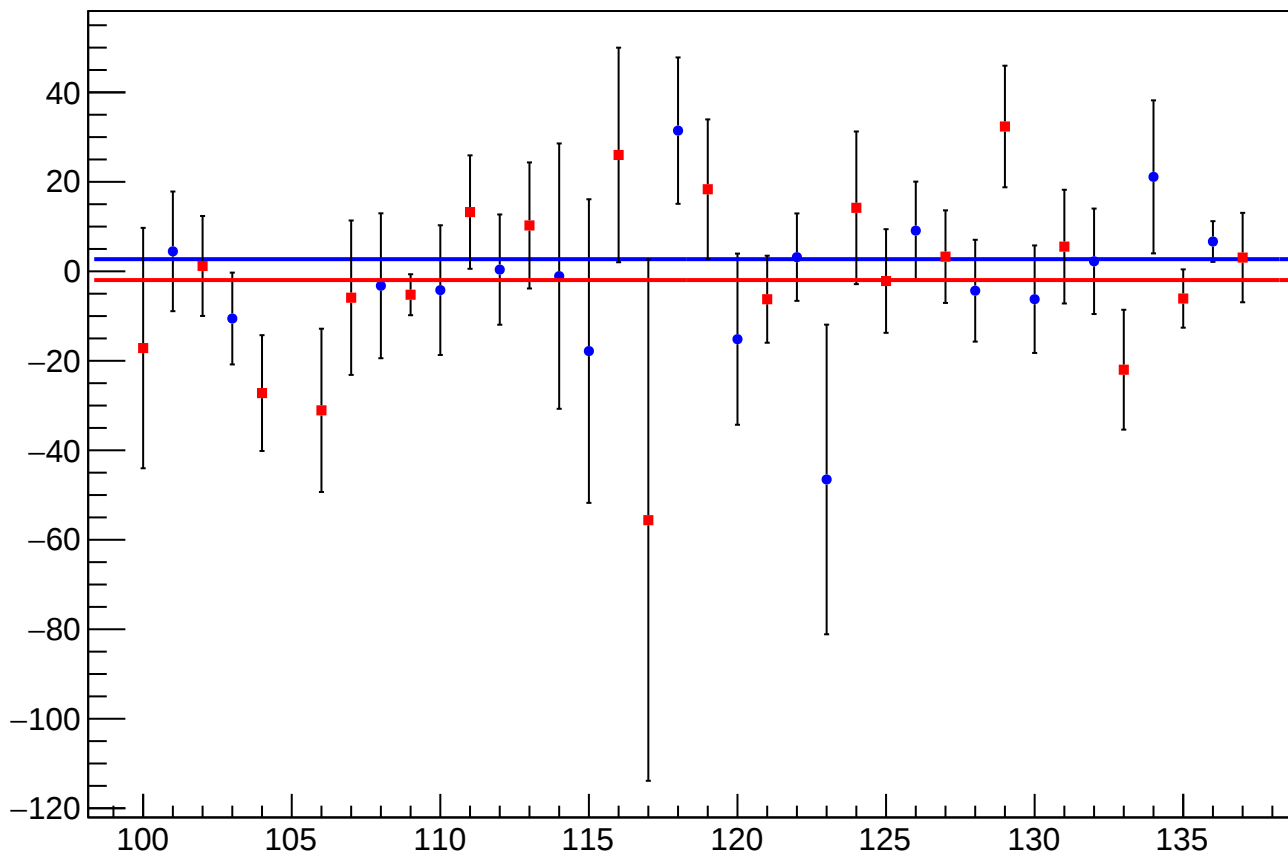
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13754.106+/-2.723 χ^2/NDF : 2014537.0/3

14184.146+/-3.891 χ^2/NDF : 946010.4/19

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: -1.955+/-2.437 χ^2/NDF : 24.4/19

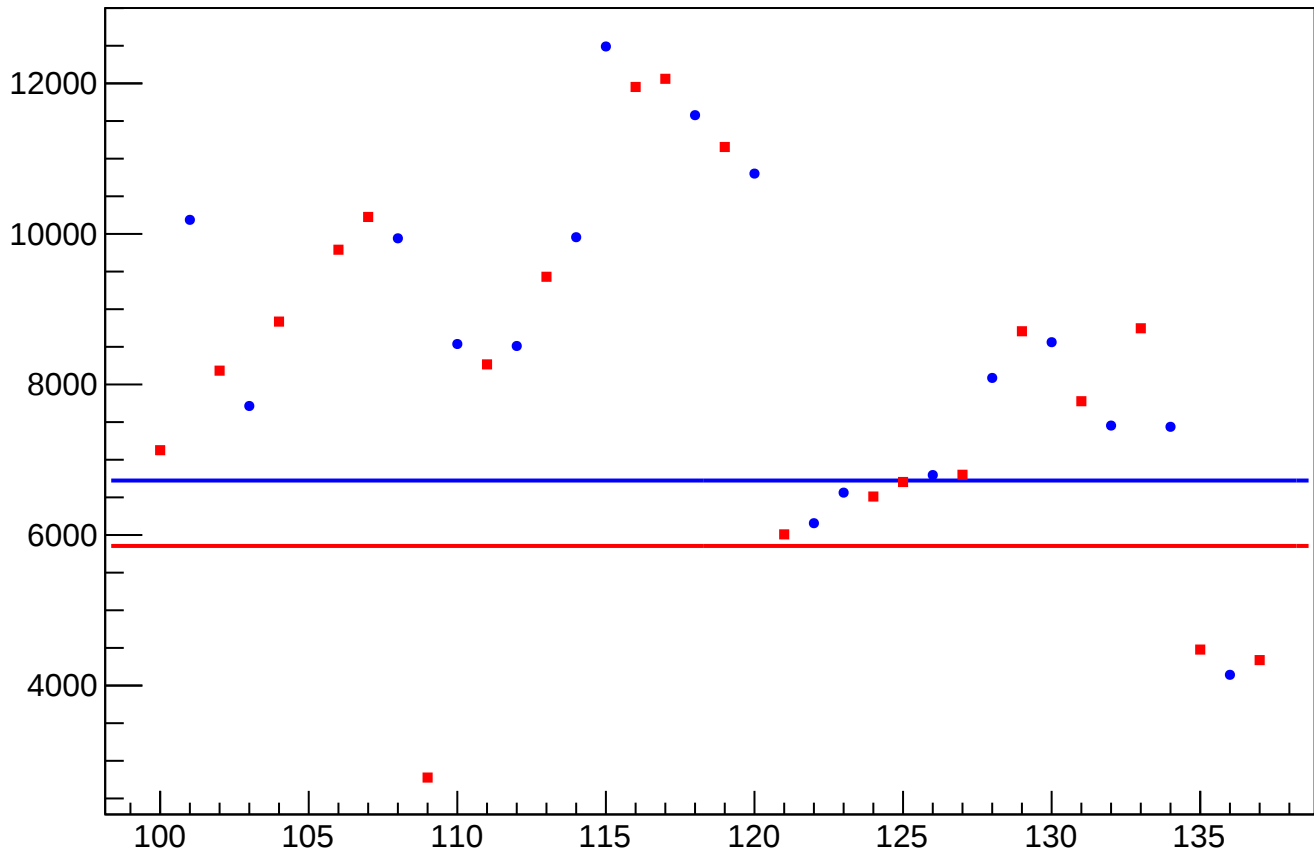
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.717+/-2.752 χ^2/NDF : 11.6/16

0.098+/-1.824 χ^2/NDF : 37.6/36

-1.955+/-2.437 χ^2/NDF : 24.4/19

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: 5854.708+/-1.723 χ^2/NDF : 2299964.9/19

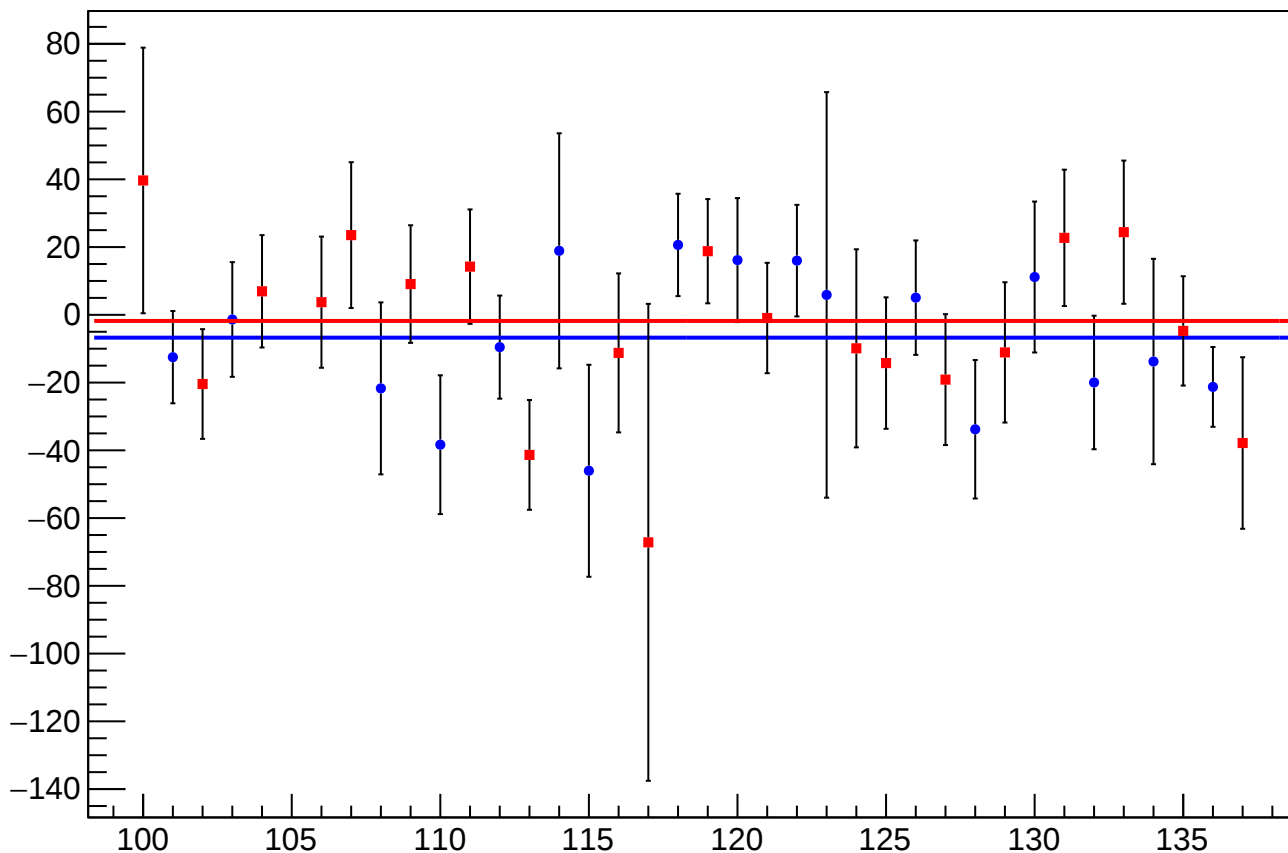
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6236.661+/-1.290 χ^2/NDF : 3803861.8/36

5854.708+/-1.723 χ^2/NDF : 2299964.9/19

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: -1.802+/-4.364 χ^2/NDF : 20.8/19

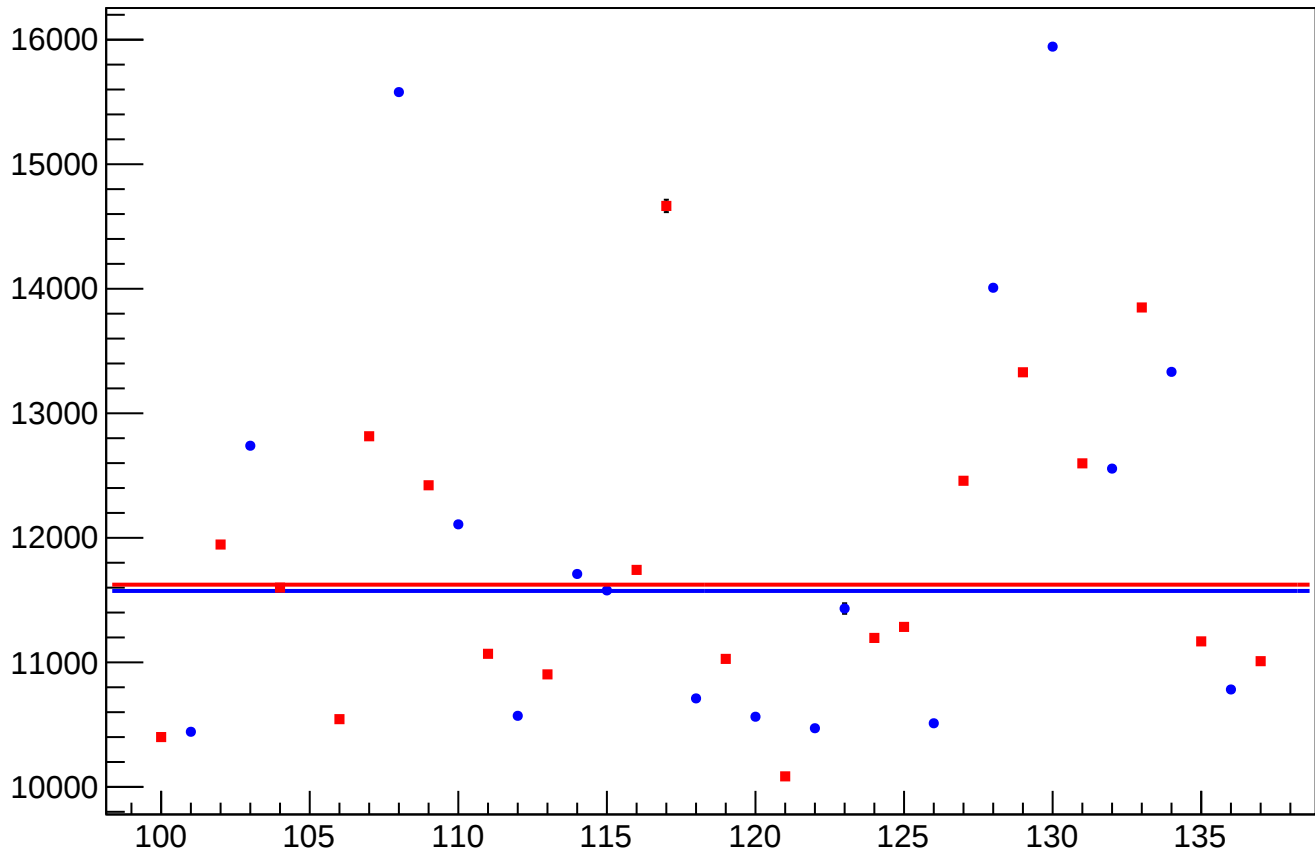
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.736+/-4.513 χ^2/NDF : 16.9/16

-4.186+/-3.137 χ^2/NDF : 38.3/36

-1.802+/-4.364 χ^2/NDF : 20.8/19

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: 11623.951+/-3.086 χ^2/NDF : 98055.0/19

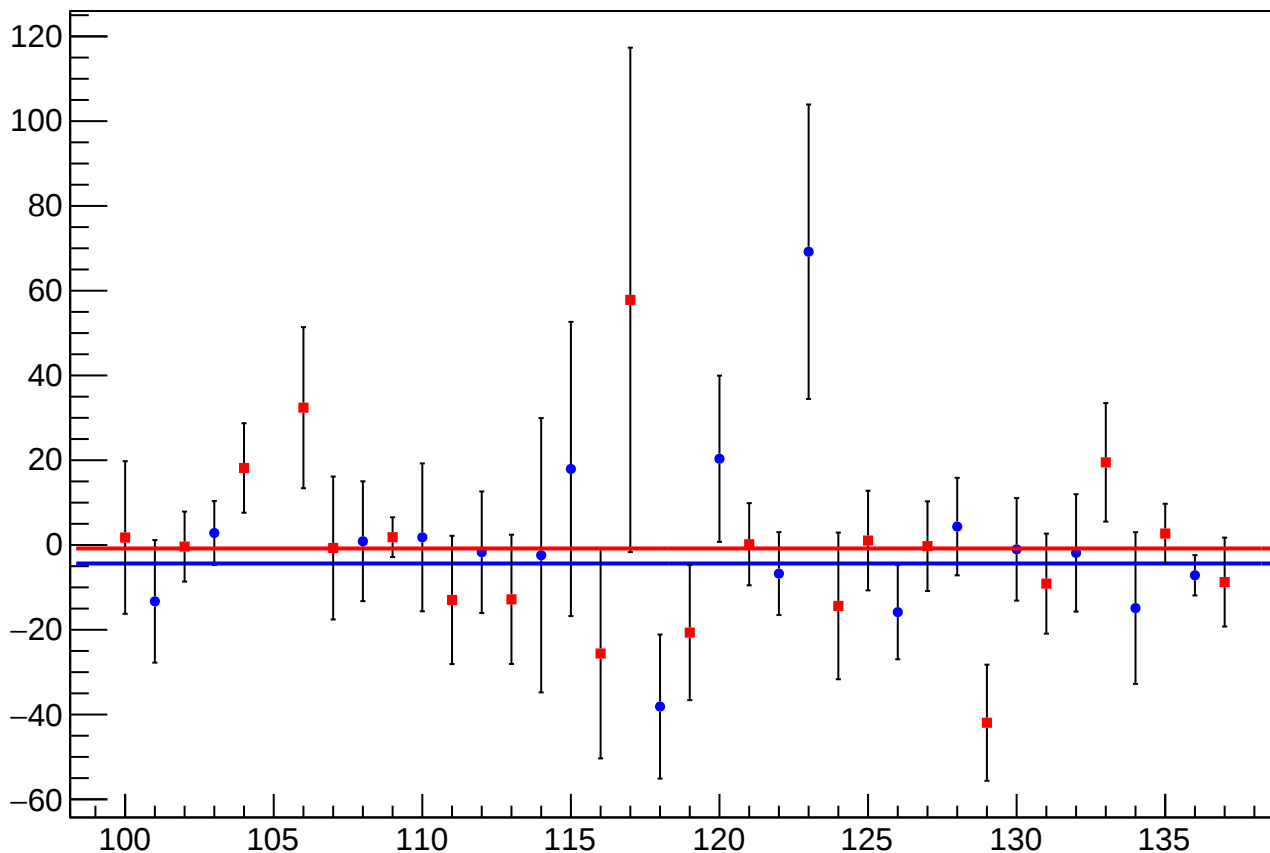
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

11599.567+/-2.218 χ^2/NDF : 336918.9/36

11623.951+/-3.086 χ^2/NDF : 98055.0/19

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: -0.816+/-2.424 χ^2/NDF : 24.5/19

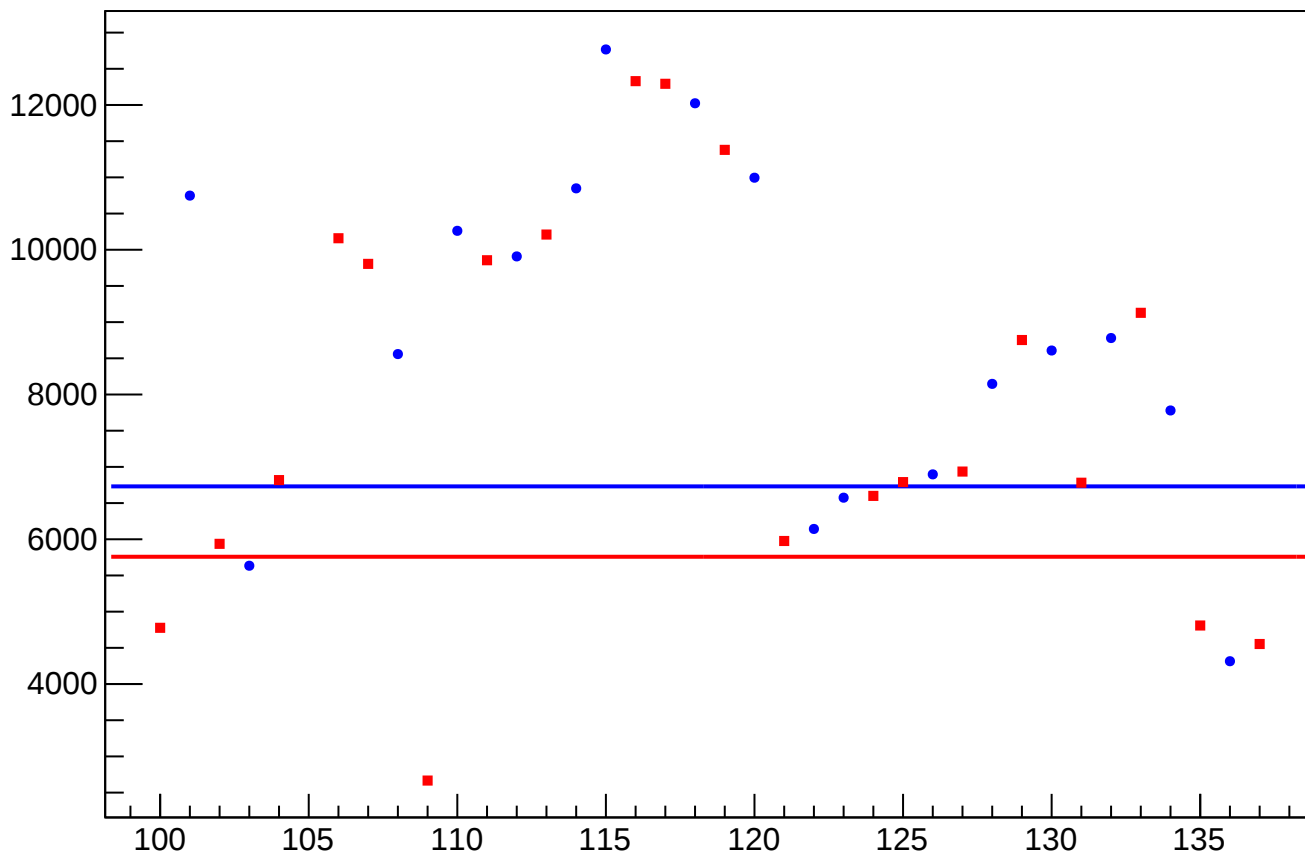
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.361+/-2.776 χ^2/NDF : 14.5/16

-2.350+/-1.826 χ^2/NDF : 40.0/36

-0.816+/-2.424 χ^2/NDF : 24.5/19

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: 5758.506+/-1.714 χ^2/NDF : 2186395.0/19

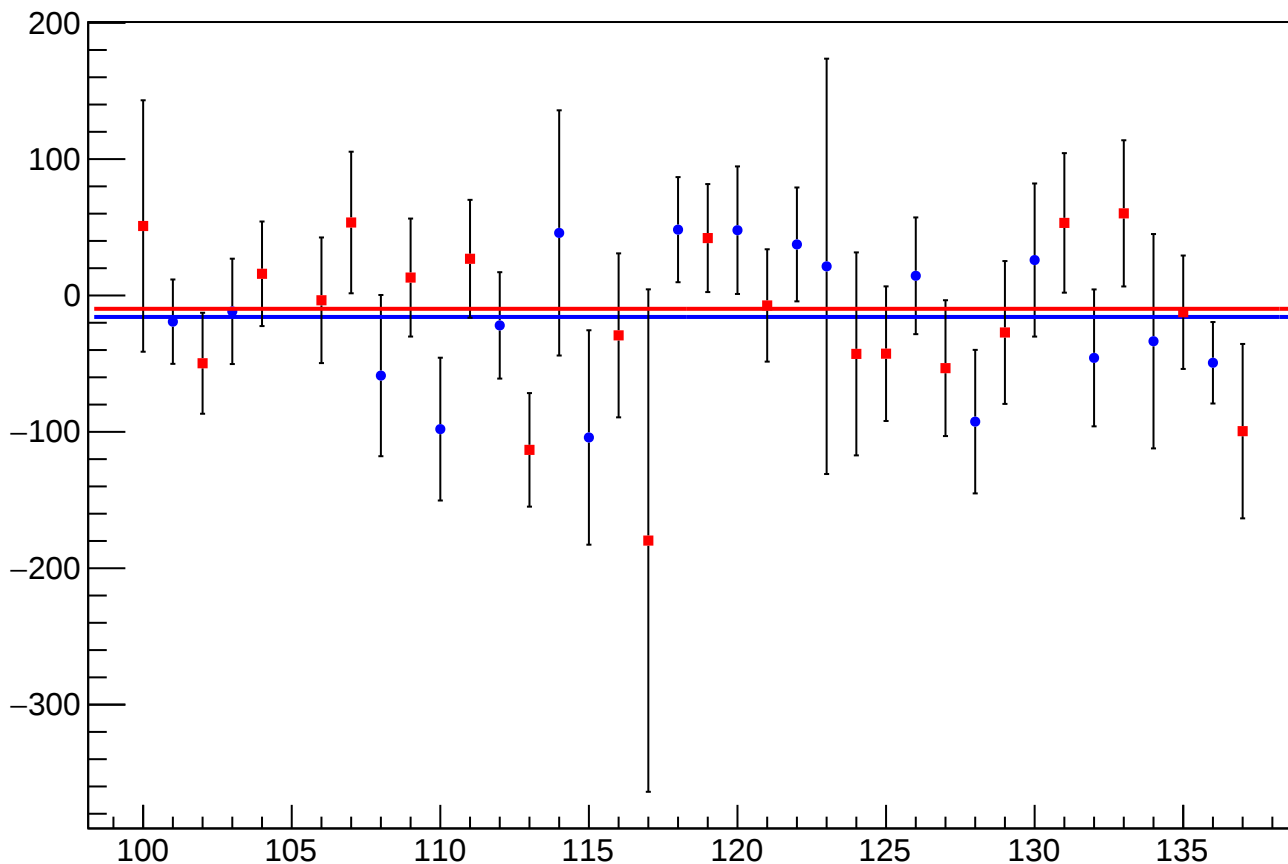
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6179.072+/-1.291 χ^2/NDF : 3770802.5/36

5758.506+/-1.714 χ^2/NDF : 2186395.0/19

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -15.751+/-11.207 χ^2 /NDF: 15.9/16

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

Right Out: -9.773+/-10.870 χ^2 /NDF: 20.1/19

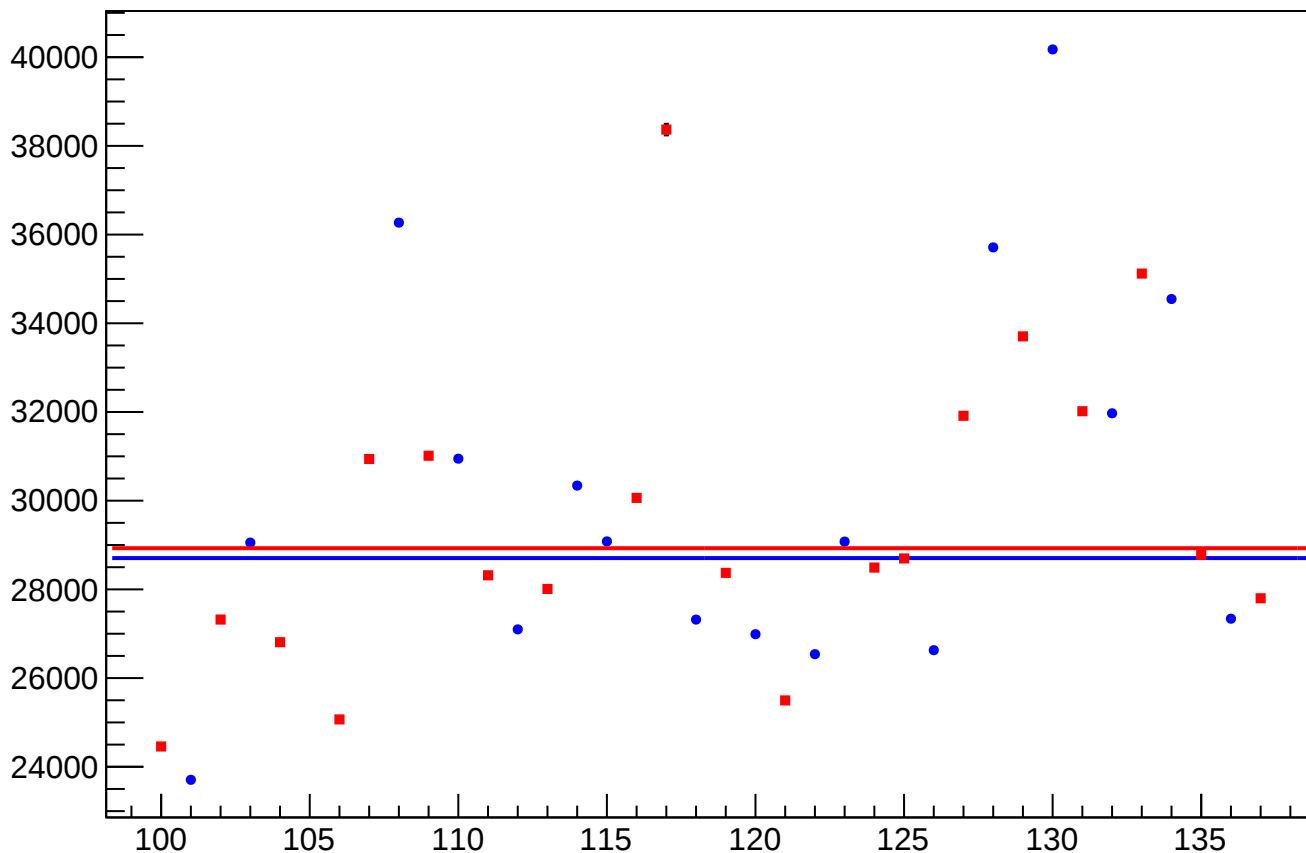
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-15.751+/-11.207 χ^2 /NDF: 15.9/16

-12.671+/-7.803 χ^2 /NDF: 36.2/36

-9.773+/-10.870 χ^2 /NDF: 20.1/19

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: 28928.520+/-7.686 χ^2/NDF : 116482.4/19

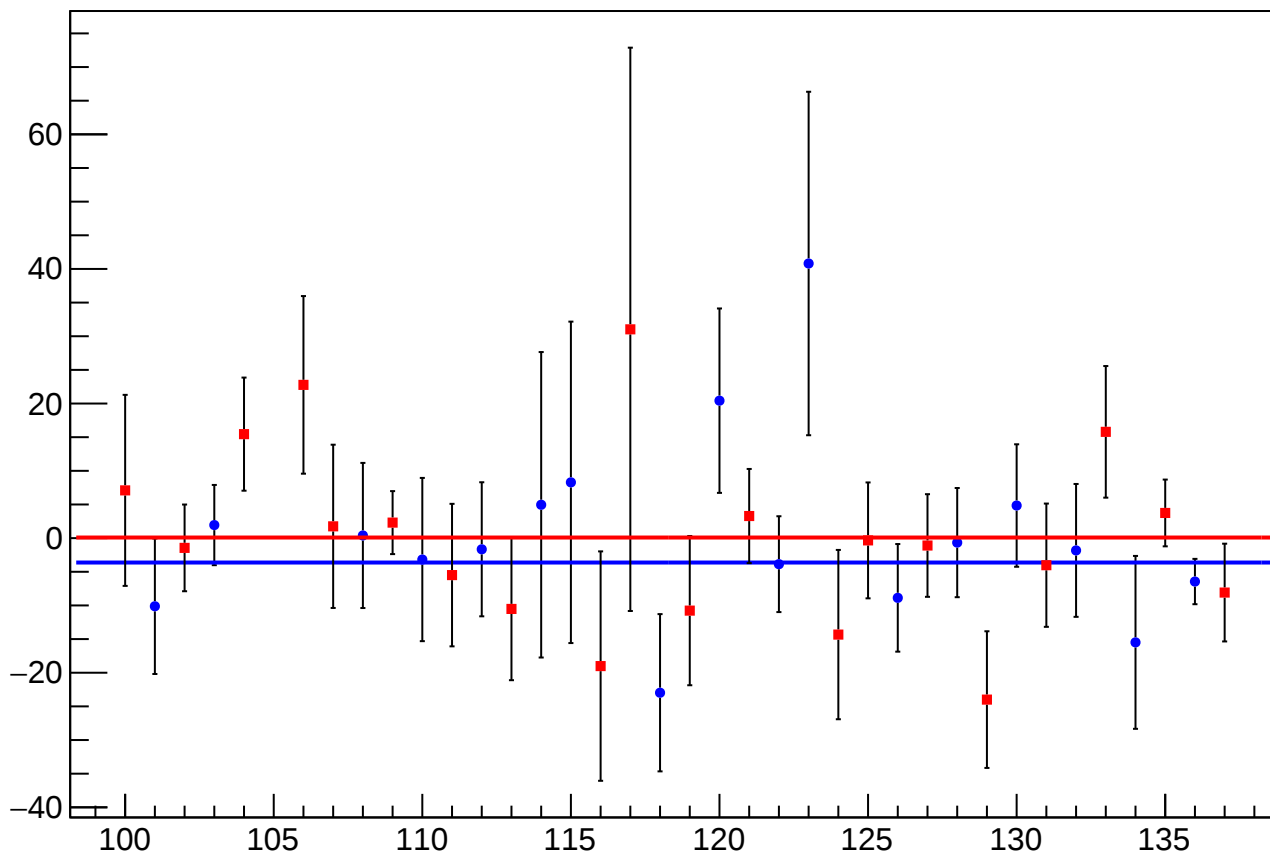
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

28820.450+/-5.517 χ^2/NDF : 367882.8/36

28928.520+/-7.686 χ^2/NDF : 116482.4/19

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: 0.090+/-1.888 χ^2 /NDF: 22.6/19

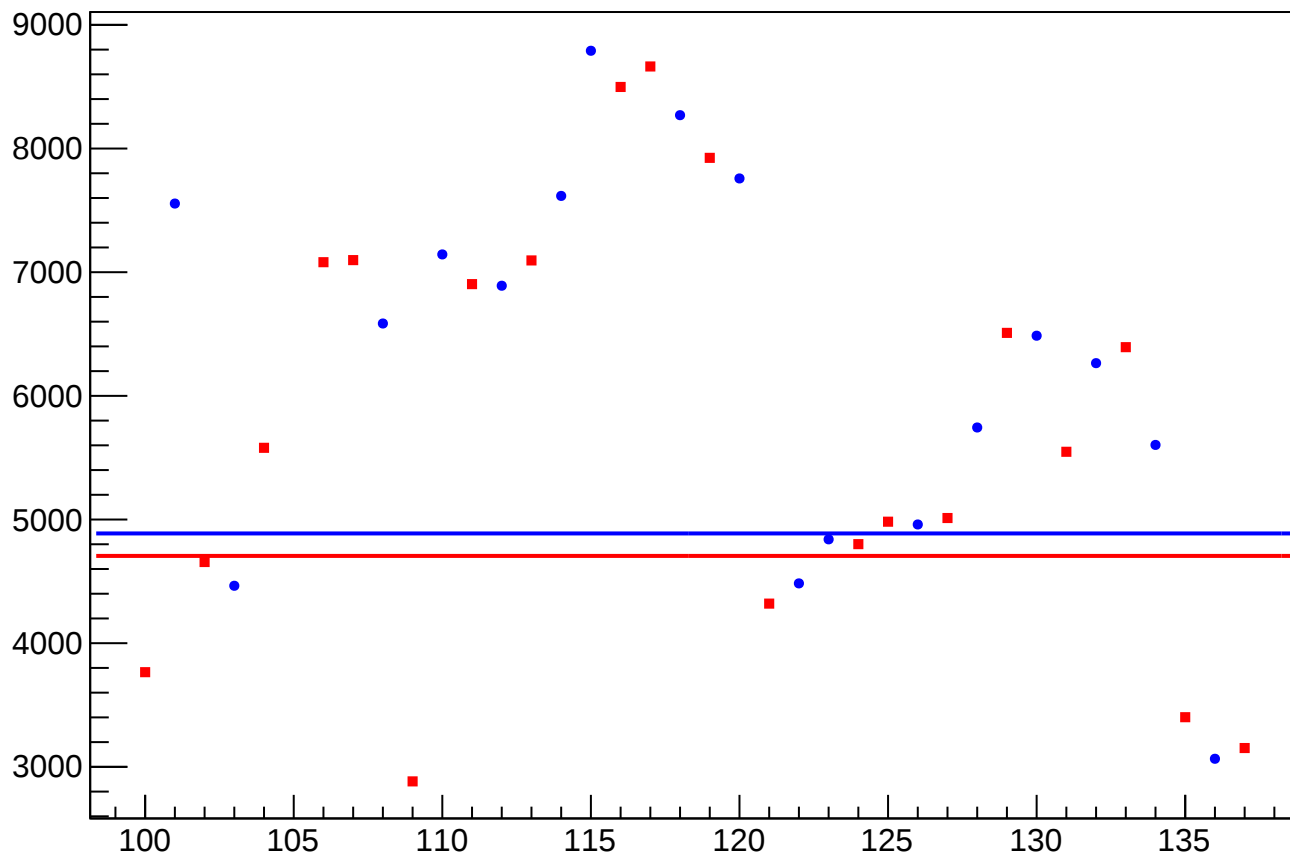
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.625+/-2.006 χ^2 /NDF: 13.7/16

-1.655+/-1.375 χ^2 /NDF: 38.2/36

0.090+/-1.888 χ^2 /NDF: 22.6/19

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: 4705.797 $\pm$ 1.335 χ^2 /NDF: 1331043.3/19

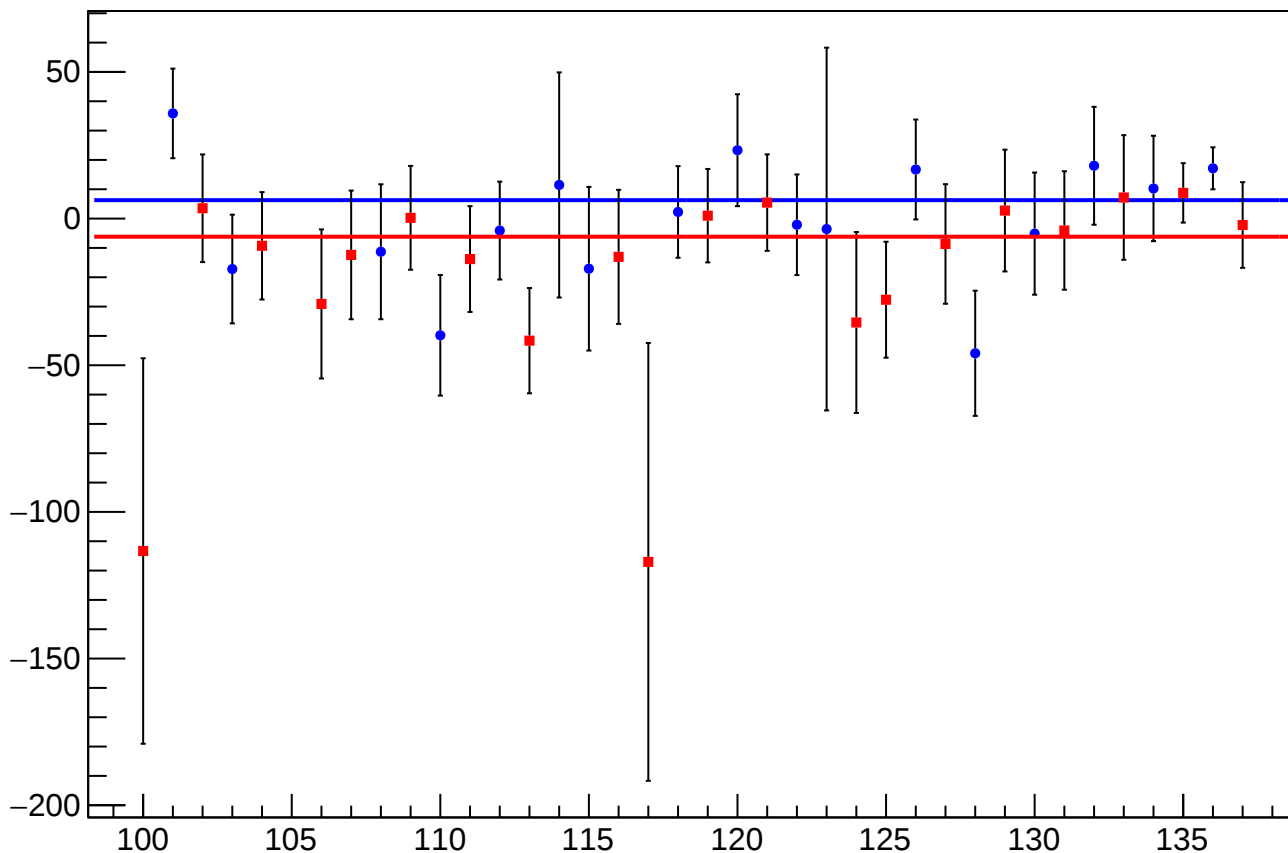
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

4791.155 $\pm$ 0.972 χ^2 /NDF: 2749042.9/36

4705.797 $\pm$ 1.335 χ^2 /NDF: 1331043.3/19

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.283 $\pm$ 4.064 χ^2 /NDF: 22.5/16

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

Right Out: -6.182 $\pm$ 4.212 χ^2 /NDF: 16.0/19

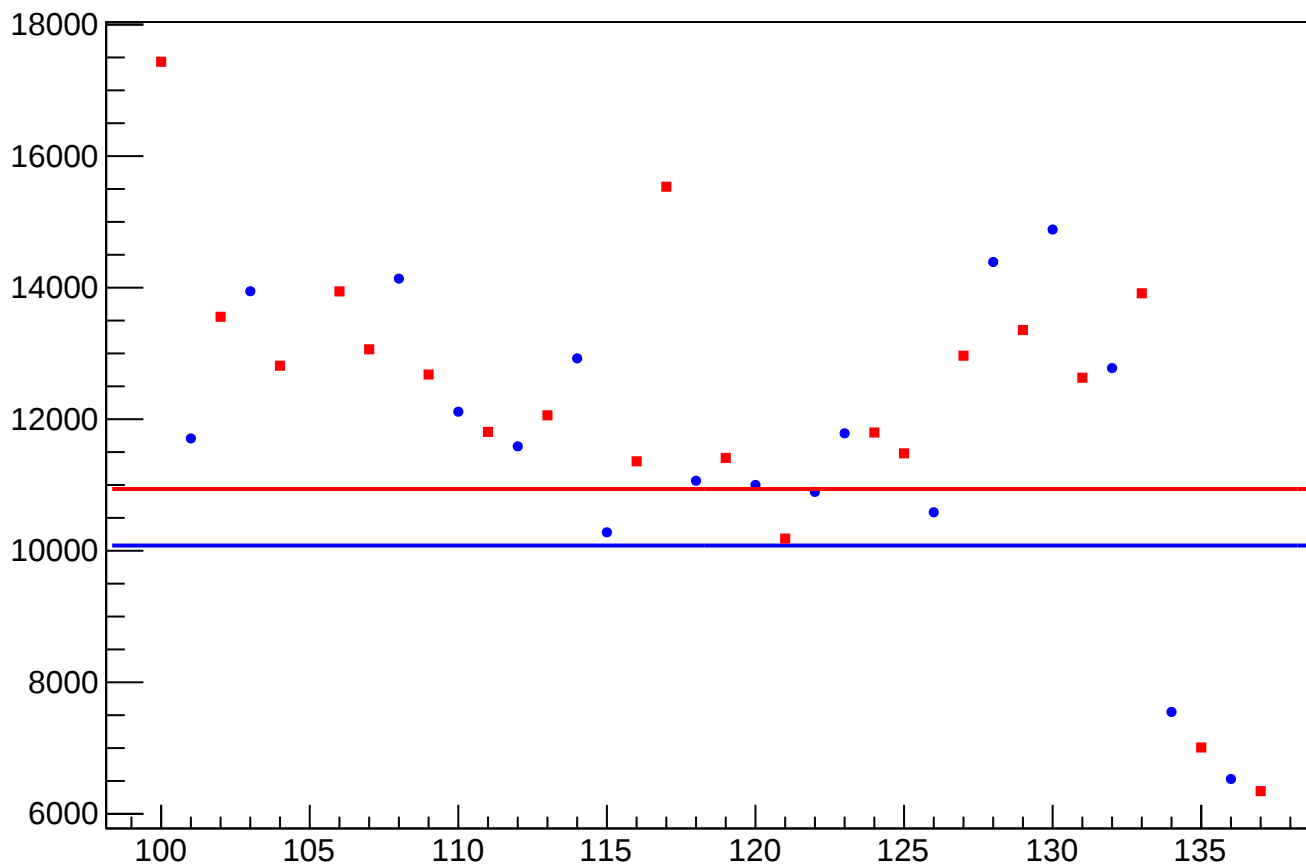
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.283 $\pm$ 4.064 χ^2 /NDF: 22.5/16

0.274 $\pm$ 2.925 χ^2 /NDF: 43.1/36

-6.182 $\pm$ 4.212 χ^2 /NDF: 16.0/19

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: 10939.227 $\pm$ 2.979 χ^2 /NDF: 776055.3/19

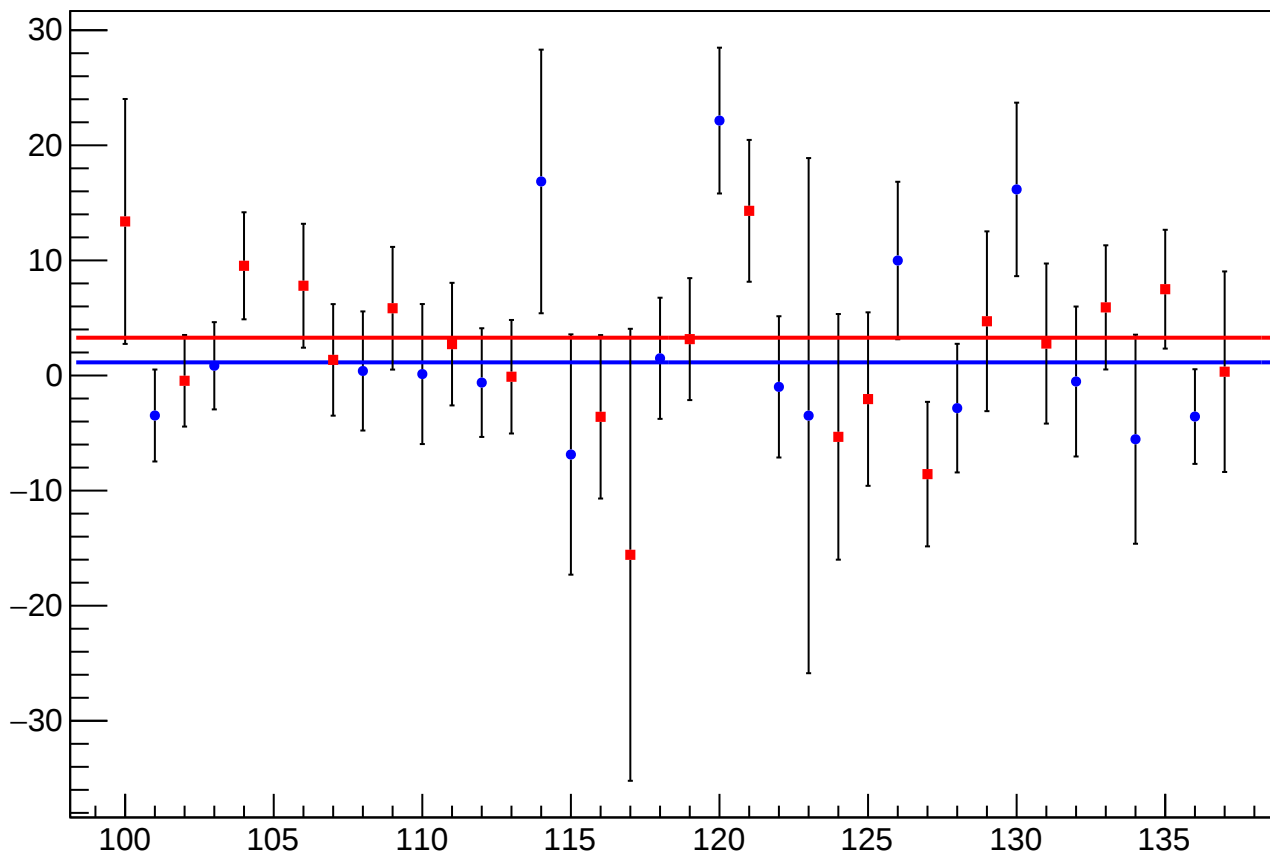
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

10493.947 $\pm$ 2.068 χ^2 /NDF: 1813890.1/3

10939.227 $\pm$ 2.979 χ^2 /NDF: 776055.3/19

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.142+/-1.395 χ^2/NDF : 23.2/16

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

Right Out: 3.284+/-1.330 χ^2/NDF : 16.0/19

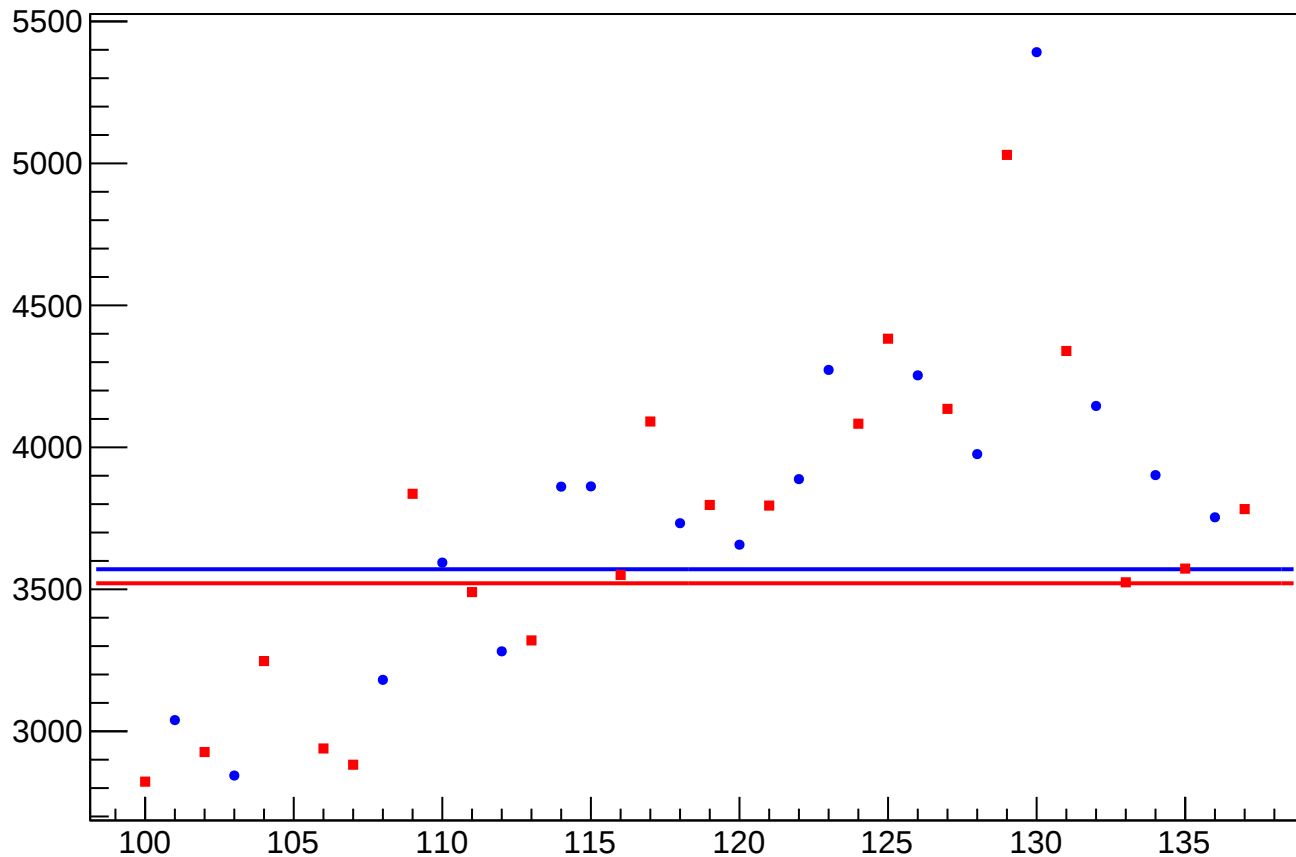
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.142+/-1.395 χ^2/NDF : 23.2/16

2.264+/-0.963 χ^2/NDF : 40.5/36

3.284+/-1.330 χ^2/NDF : 16.0/19

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: 3521.247 $\pm$ 0.941 χ^2 /NDF: 294919.2/19

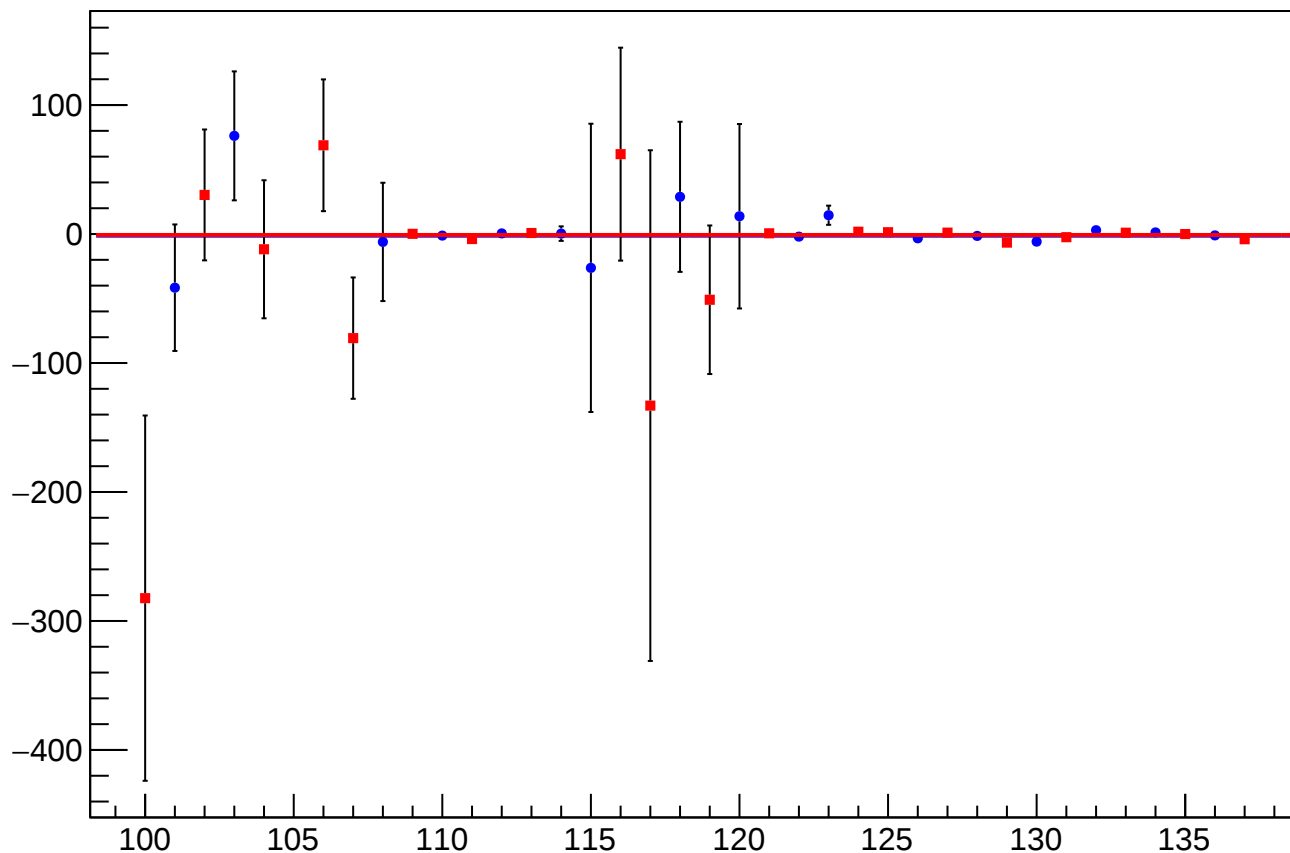
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

3544.796 $\pm$ 0.681 χ^2 /NDF: 605803.9/36

3521.247 $\pm$ 0.941 χ^2 /NDF: 294919.2/19

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: -0.735+/-0.710 χ^2 /NDF: 22.5/19

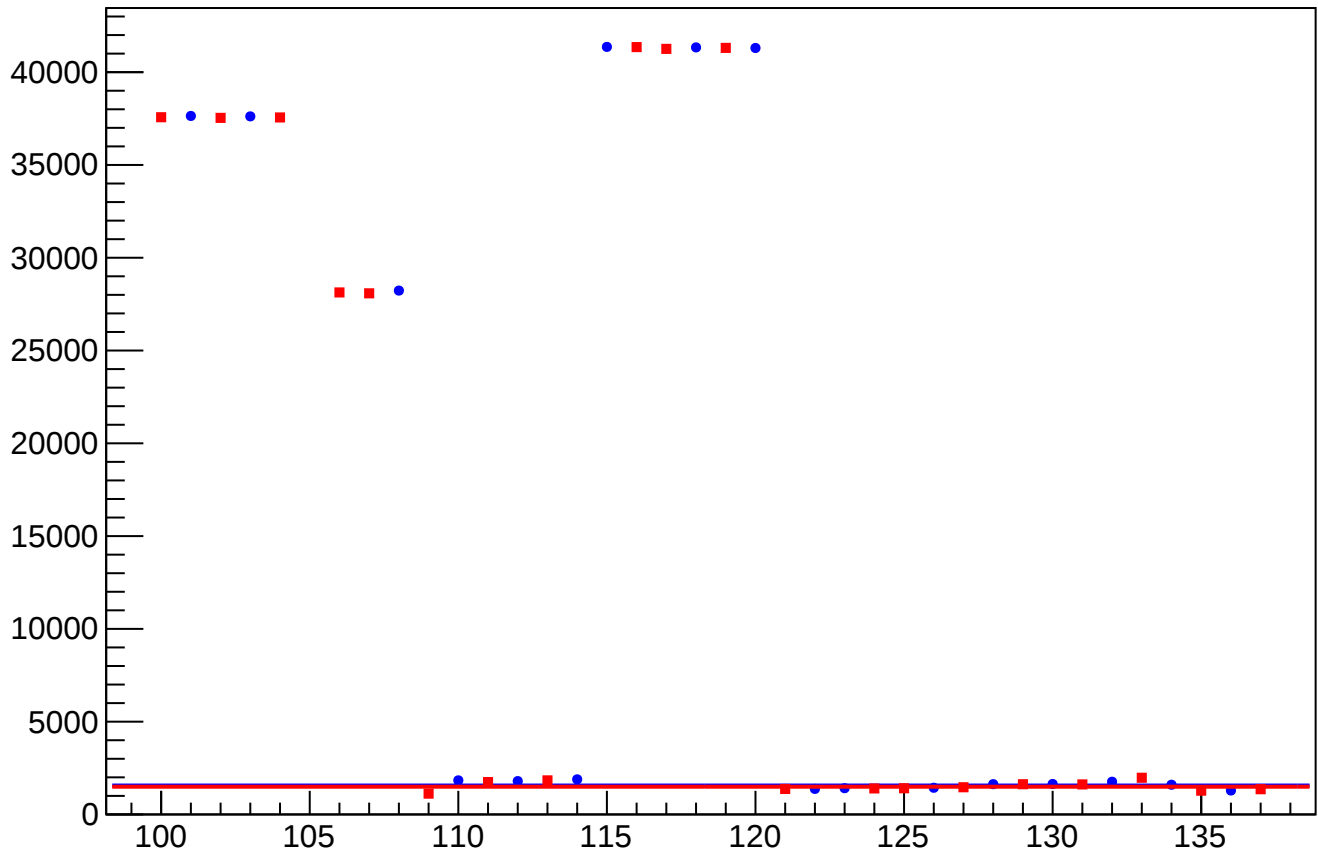
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.261+/-0.748 χ^2 /NDF: 16.3/16

-0.984+/-0.515 χ^2 /NDF: 39.1/36

-0.735+/-0.710 χ^2 /NDF: 22.5/19

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: 1495.131+/-0.502 χ^2/NDF : 4973587.9/19

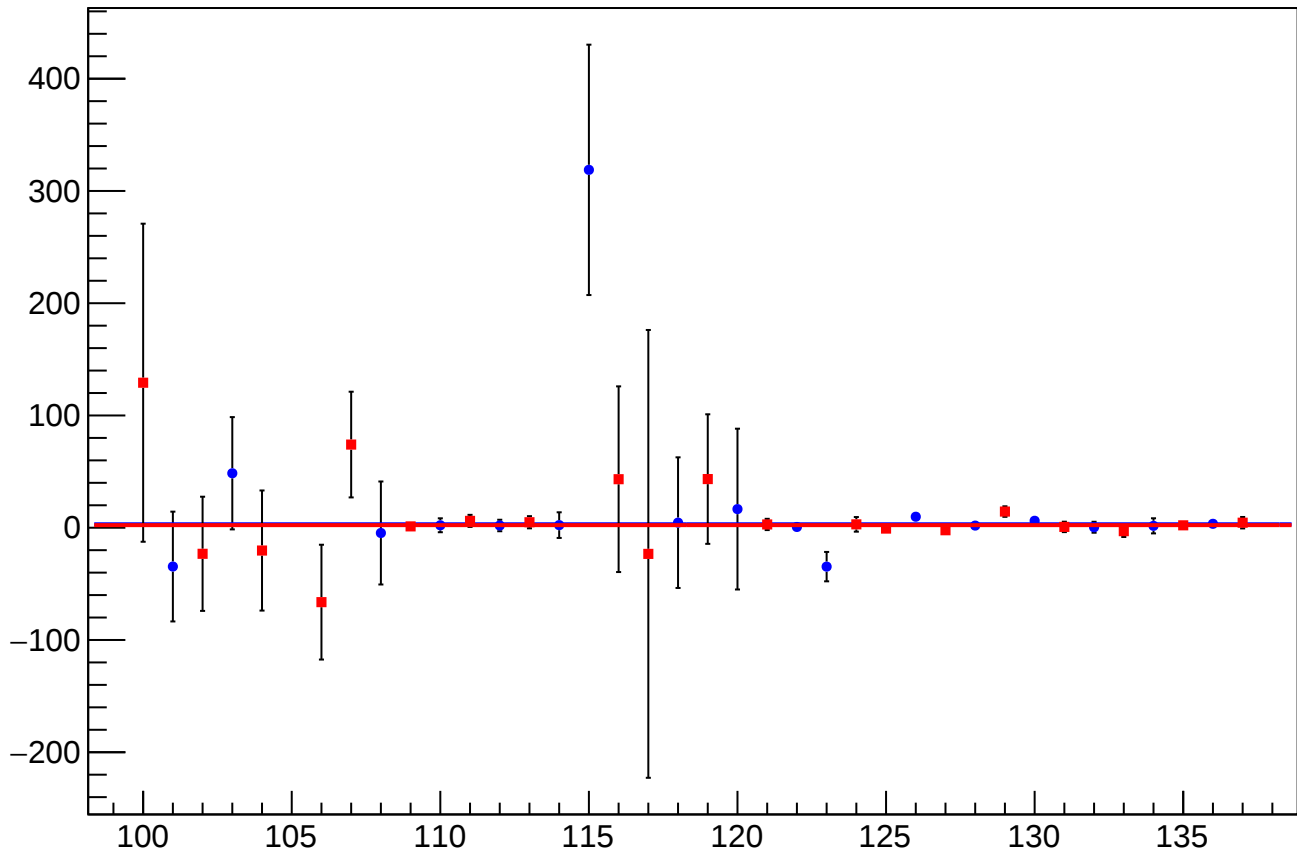
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1525.415+/-0.364 χ^2/NDF : 9734923.9/36

1495.131+/-0.502 χ^2/NDF : 4973587.9/19

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: 2.305+/-1.235 χ^2/NDF : 16.9/19

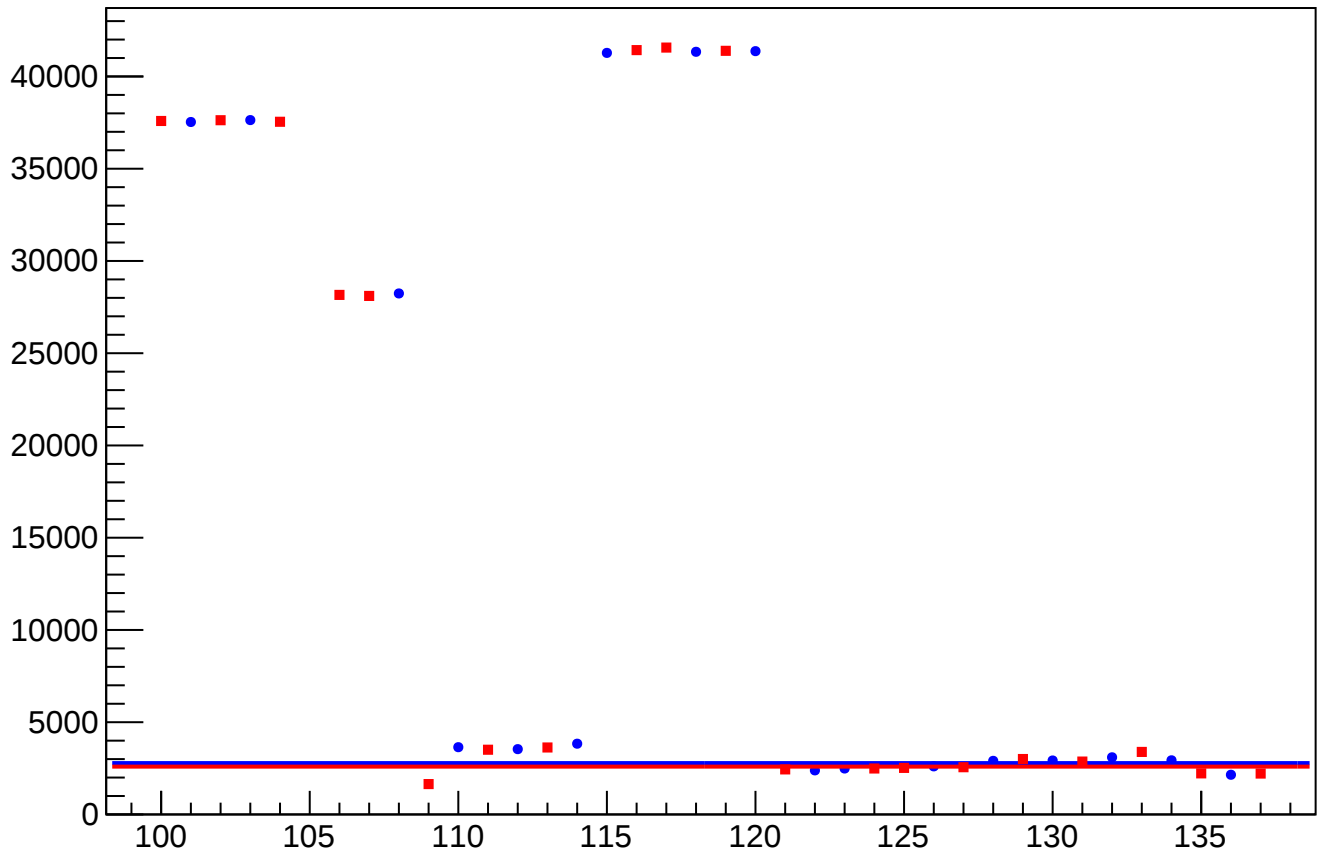
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.075+/-1.323 χ^2/NDF : 21.9/16

2.663+/-0.903 χ^2/NDF : 39.0/36

2.305+/-1.235 χ^2/NDF : 16.9/19

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: 2592.654+/-0.873 χ^2/NDF : 4923077.9/19

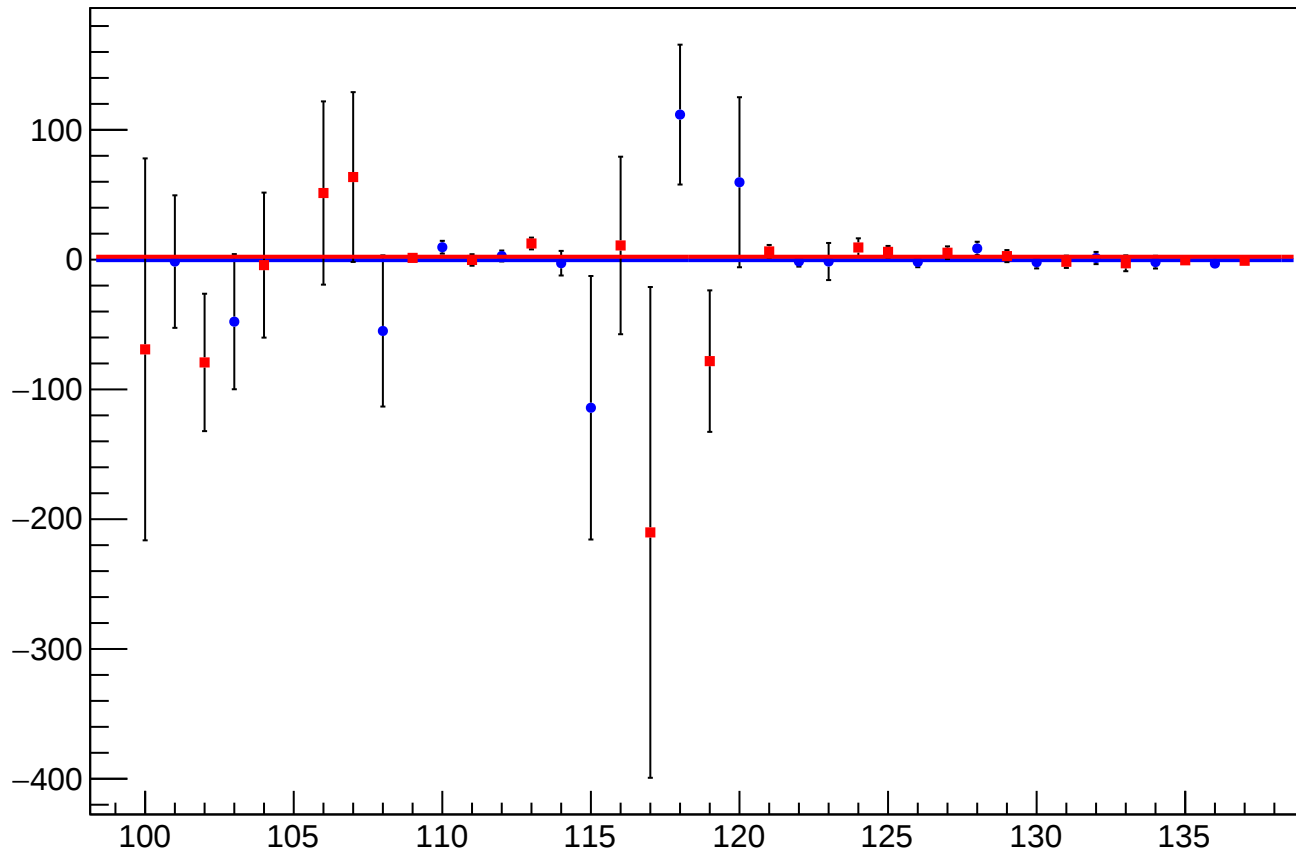
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2681.693+/-0.638 χ^2/NDF : 9522859.4/36

2592.654+/-0.873 χ^2/NDF : 4923077.9/19

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: 2.235+/-1.246 χ^2 /NDF: 18.7/19

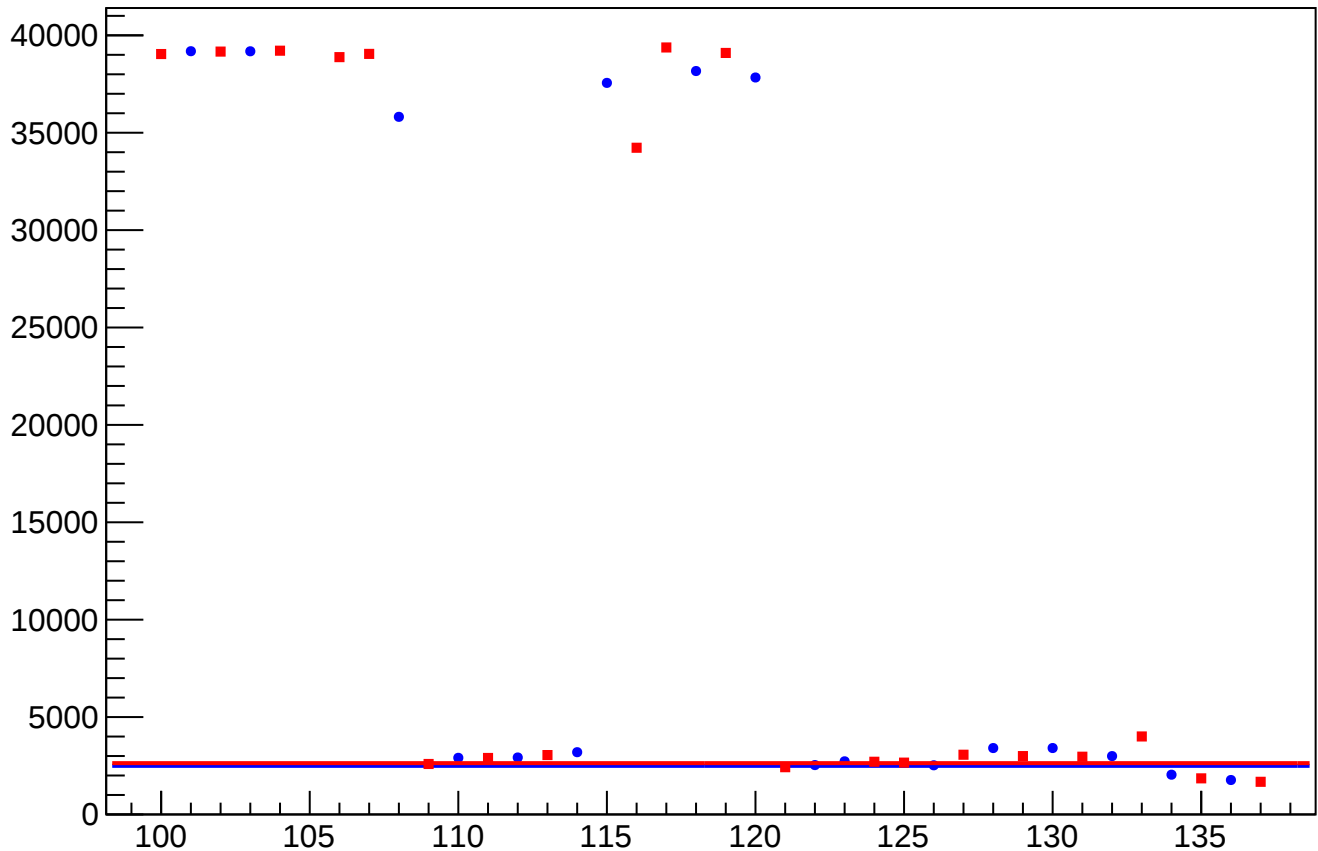
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.403+/-1.218 χ^2 /NDF: 18.3/16

0.886+/-0.871 χ^2 /NDF: 39.3/36

2.235+/-1.246 χ^2 /NDF: 18.7/19

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: 2634.840+/-0.881 χ^2/NDF : 4936039.0/19

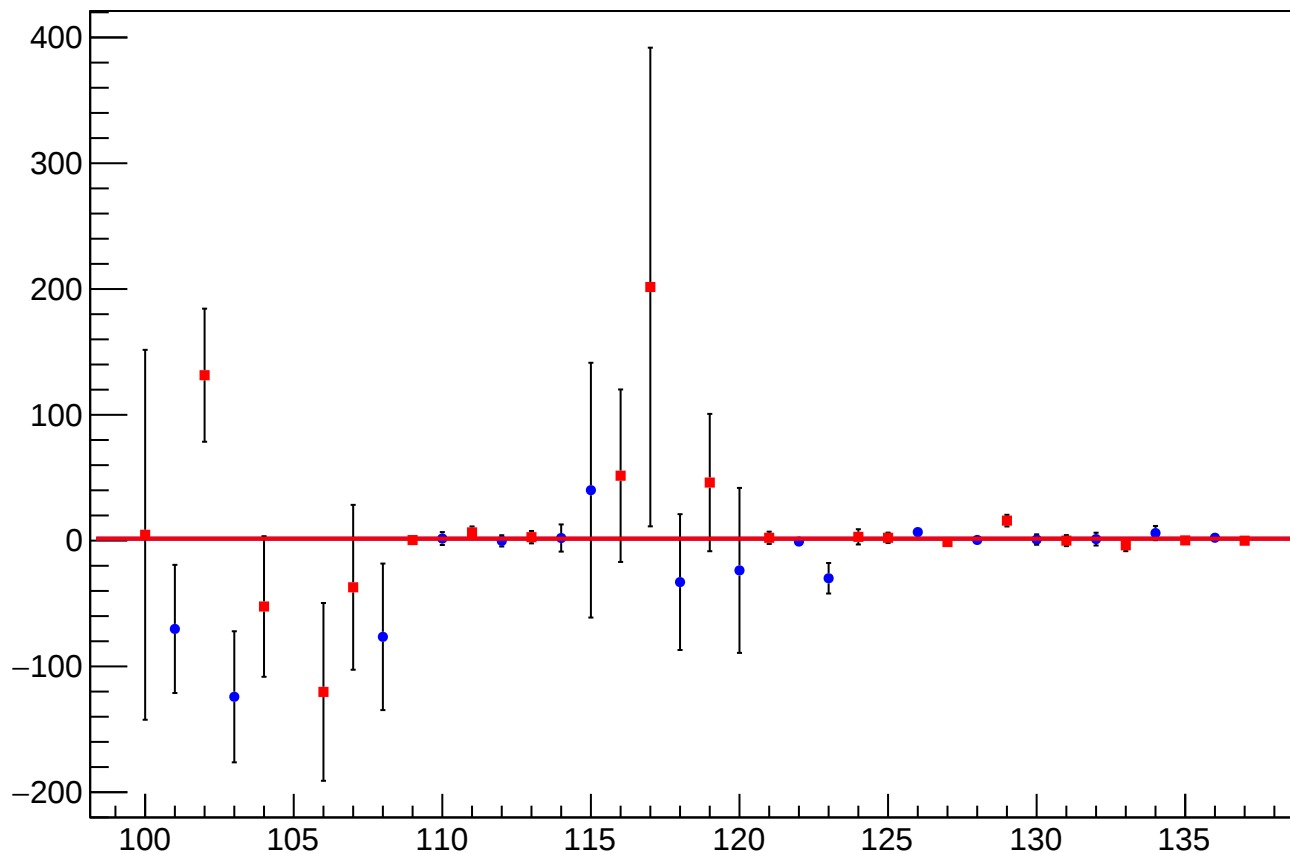
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2563.635+/-0.616 χ^2/NDF : 9831147.7/36

2634.840+/-0.881 χ^2/NDF : 4936039.0/19

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: 1.530+/-1.062 χ^2/NDF : 26.1/19

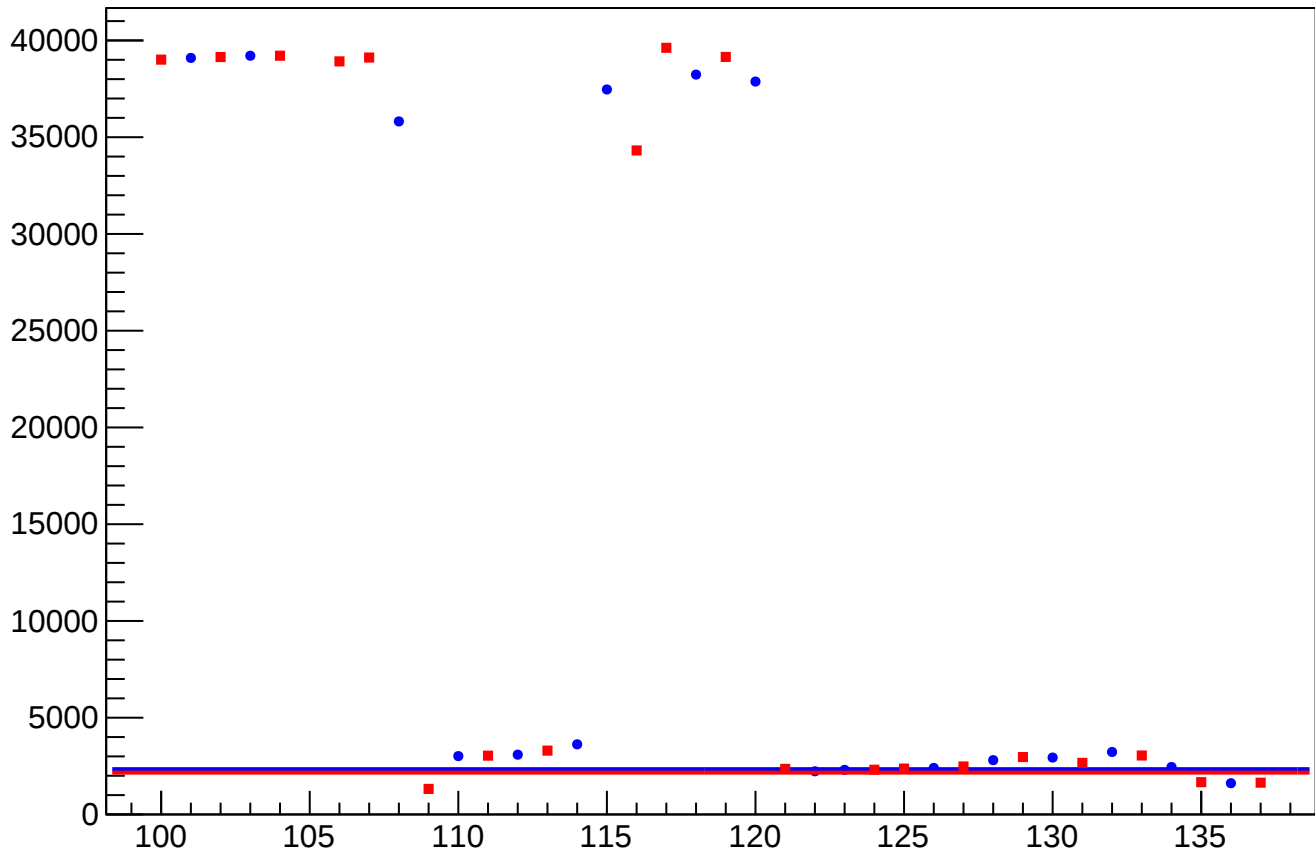
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.576+/-1.143 χ^2/NDF : 20.3/16

1.551+/-0.778 χ^2/NDF : 46.5/36

1.530+/-1.062 χ^2/NDF : 26.1/19

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: 2162.329+/-0.751 χ^2/NDF : 5376569.5/19

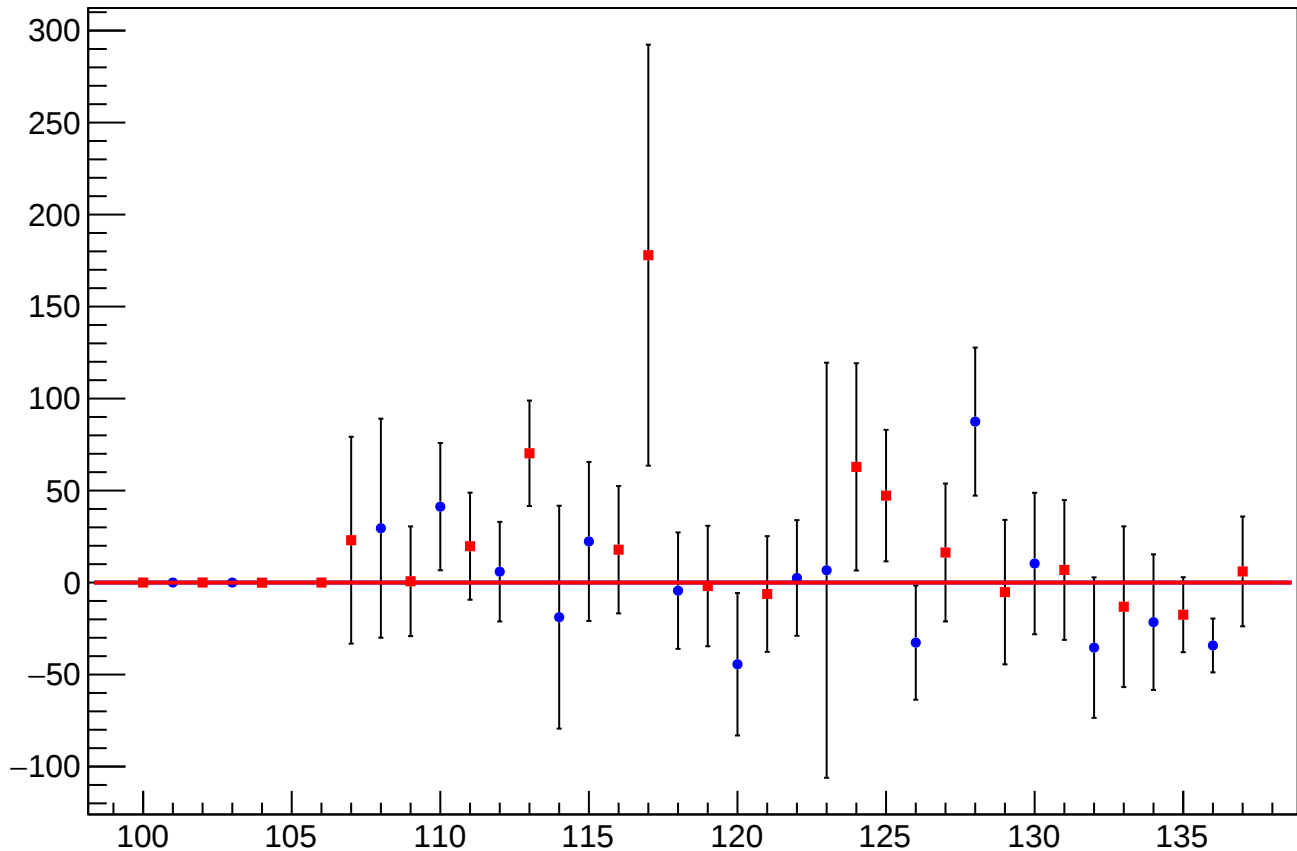
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2245.184+/-0.550 χ^2/NDF : 10409698.5/3

2162.329+/-0.751 χ^2/NDF : 5376569.5/19

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 : 18.3/19

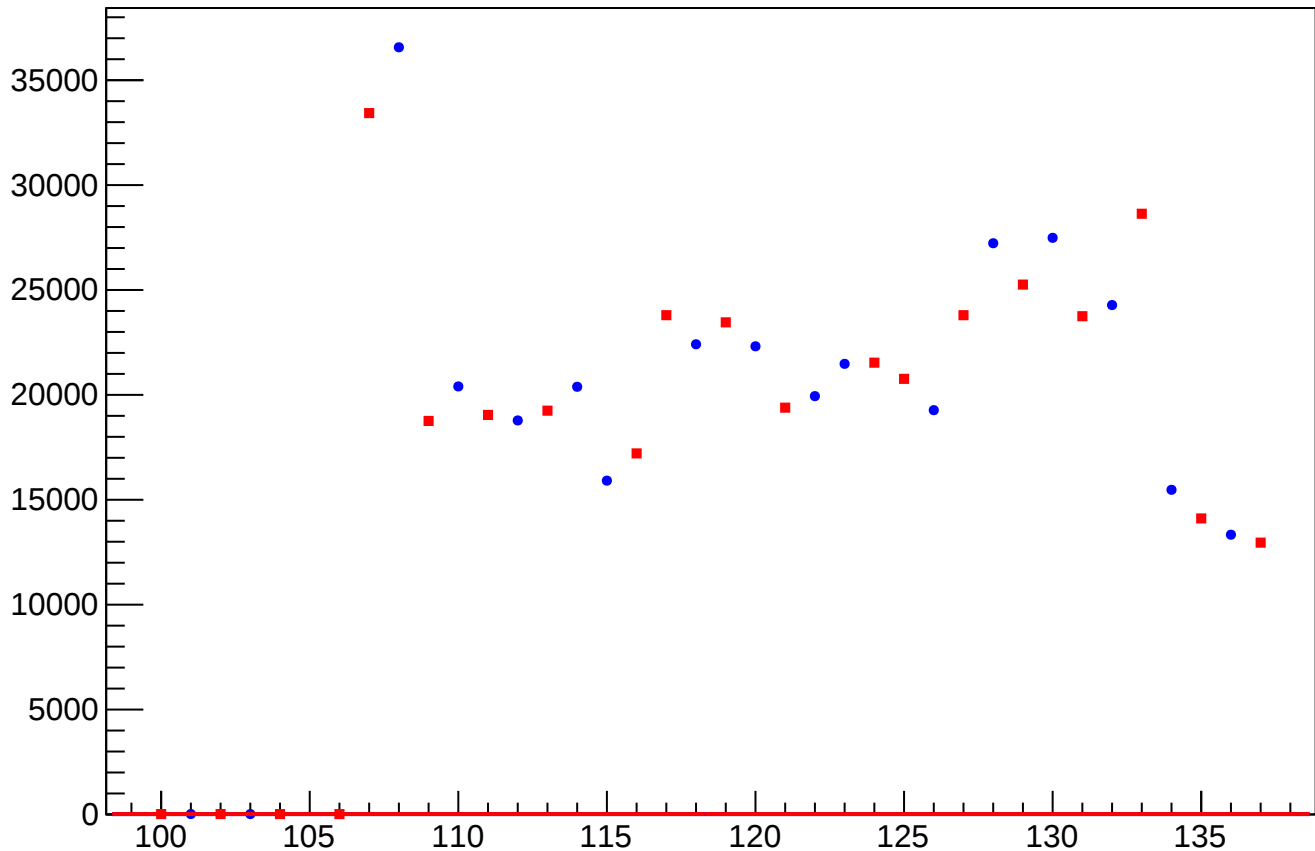
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 16.2/16

0.004+/-0.012 χ^2/NDF : 34.9/36

-0.003+/-0.016 χ^2/NDF : 18.3/19

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: 18.312 $\pm$ 0.011 χ^2 /NDF: 11197081.8/19

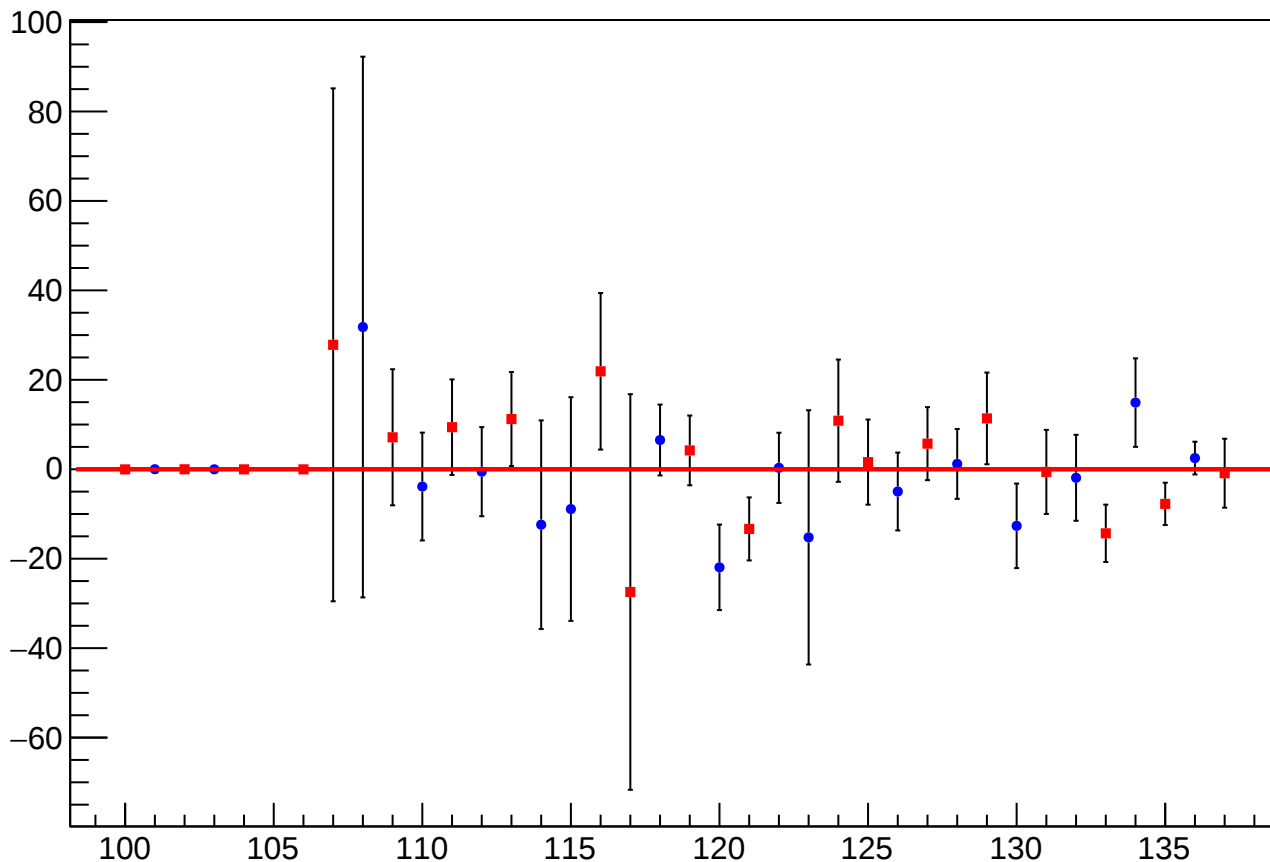
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

18.464 $\pm$ 0.008 χ^2 /NDF: 22181631.5/36

18.312 $\pm$ 0.011 χ^2 /NDF: 11197081.8/19

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 : 19.0/19

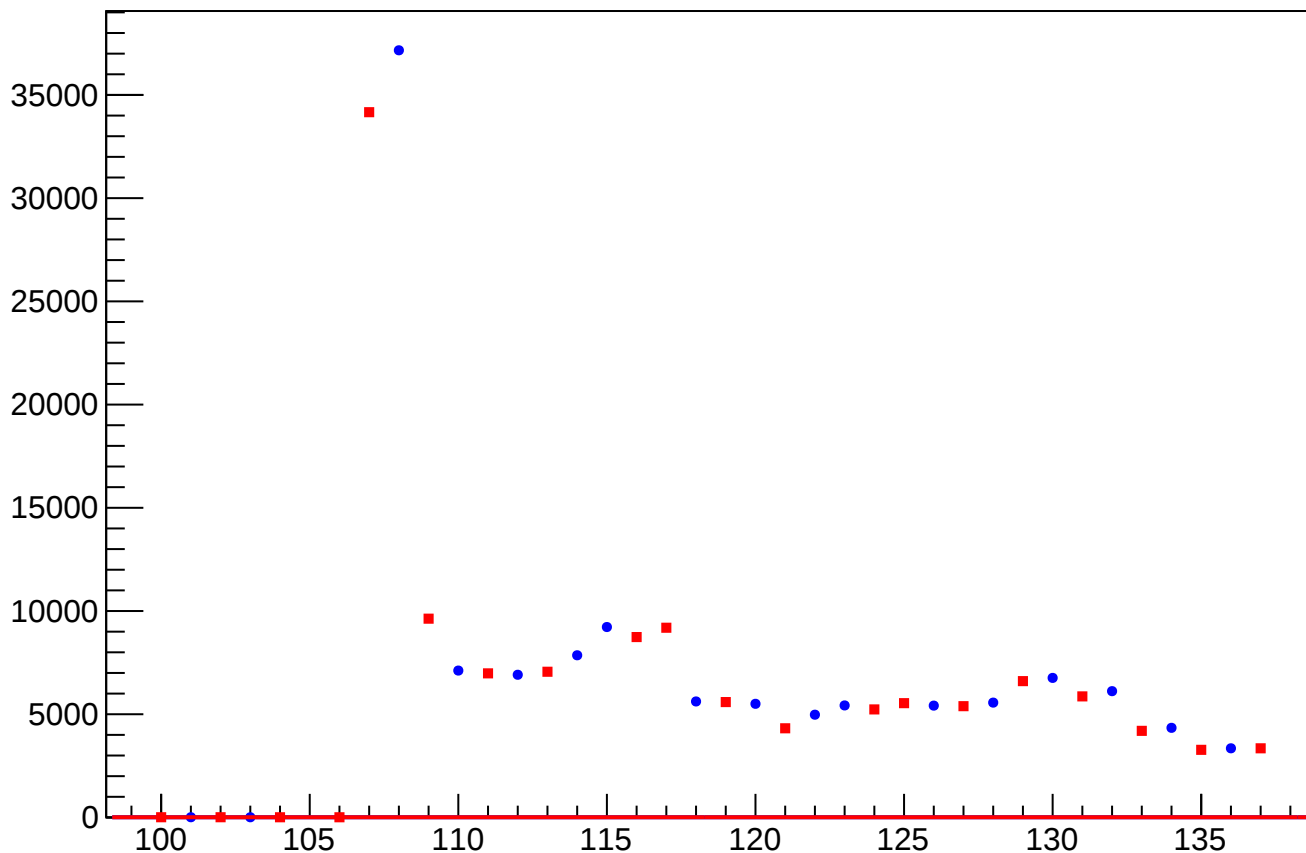
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 13.0/16

-0.007+/-0.006 χ^2/NDF : 33.4/36

-0.014+/-0.009 χ^2/NDF : 19.0/19

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: 9.855+/-0.006 χ^2/NDF : 11246160.9/19

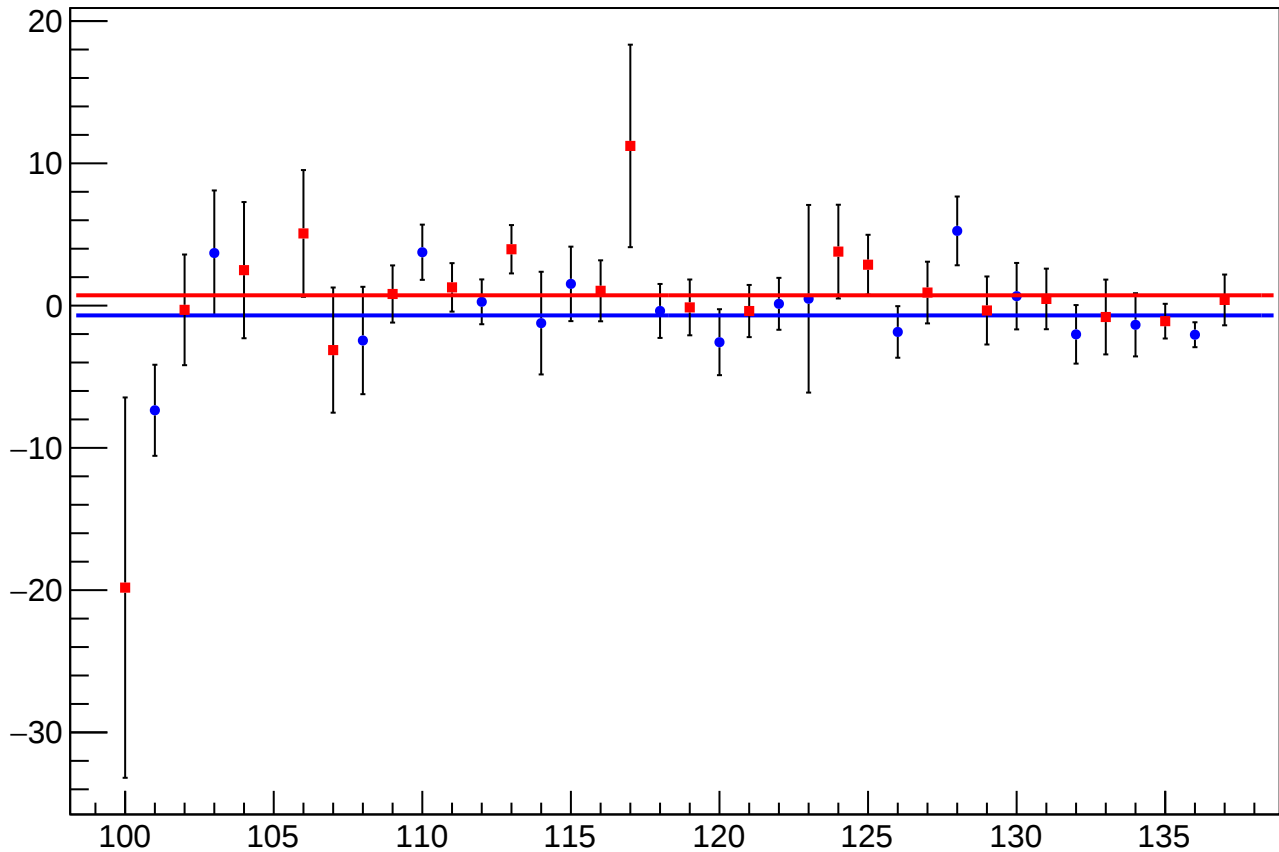
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.939+/-0.007 χ^2/NDF : 11114526.8/16

9.894+/-0.004 χ^2/NDF : 22360776.8/36

9.855+/-0.006 χ^2/NDF : 11246160.9/19

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: 0.724+/-0.499 χ^2/NDF : 15.5/19

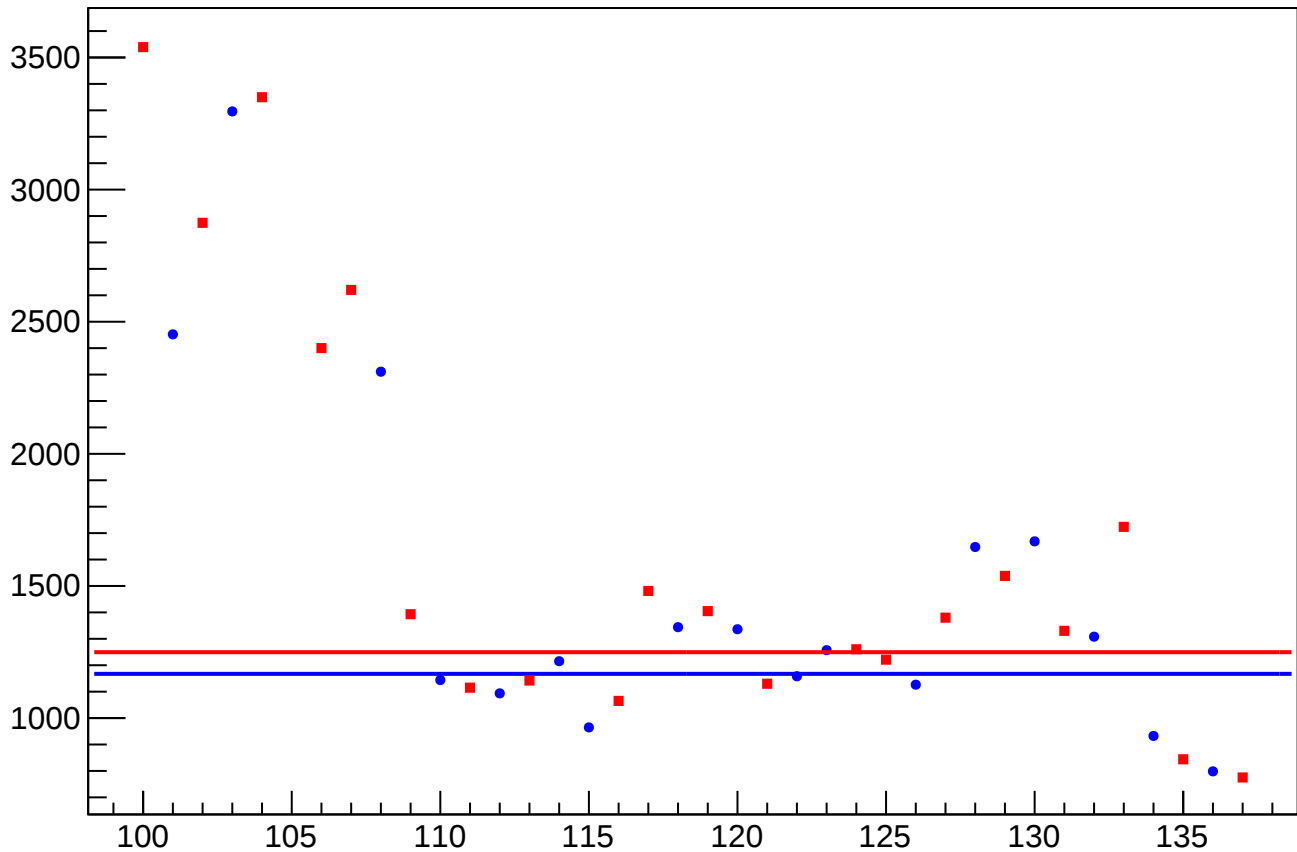
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.689+/-0.482 χ^2/NDF : 22.5/16

-0.007+/-0.347 χ^2/NDF : 42.2/36

0.724+/-0.499 χ^2/NDF : 15.5/19

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1167.397+/-0.341 χ^2 /NDF: 1578328.1/16

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

Right Out: 1249.388+/-0.353 χ^2 /NDF: 1656159.5/19

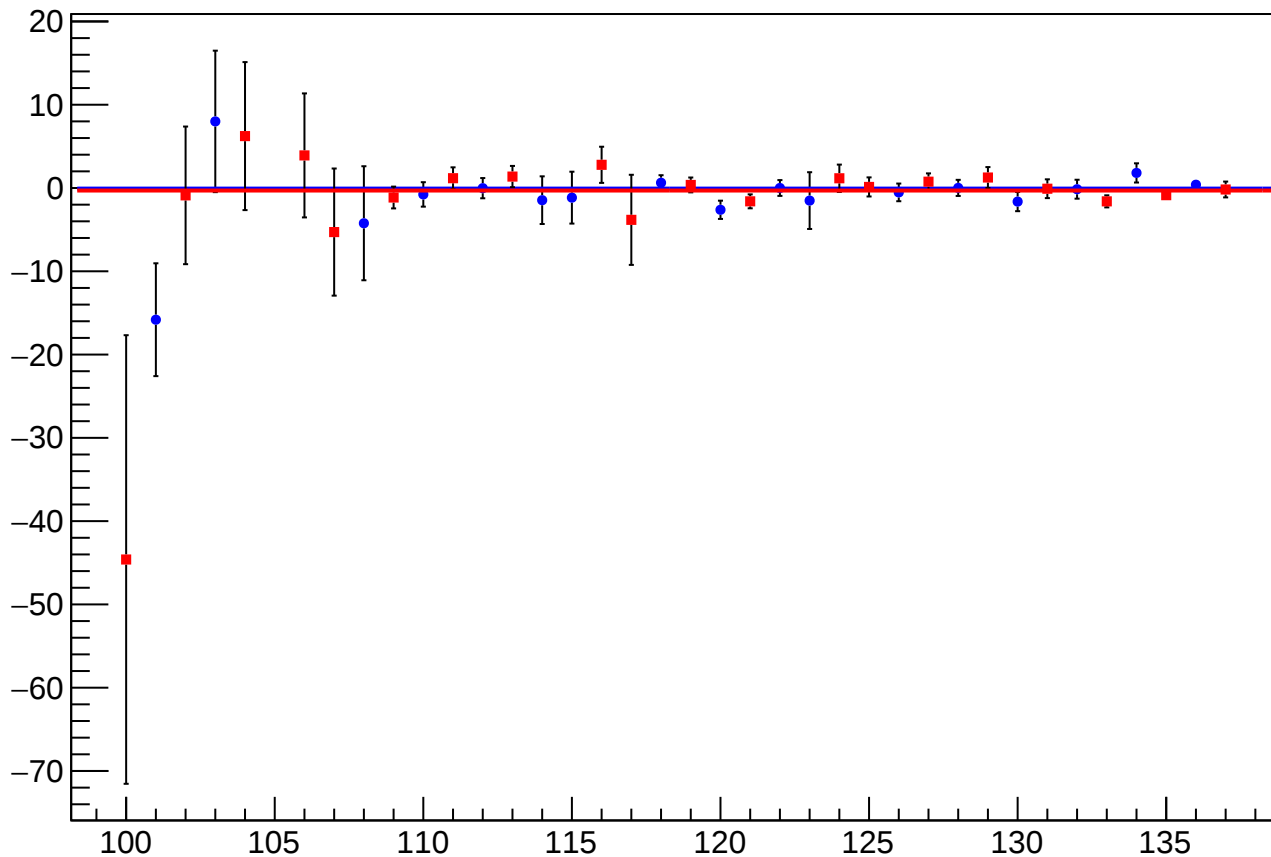
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1167.397+/-0.341 χ^2 /NDF: 1578328.1/16

1206.959+/-0.245 χ^2 /NDF: 3262380.2/36

1249.388+/-0.353 χ^2 /NDF: 1656159.5/19

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: -0.303+/-0.264 χ^2 /NDF: 20.7/19

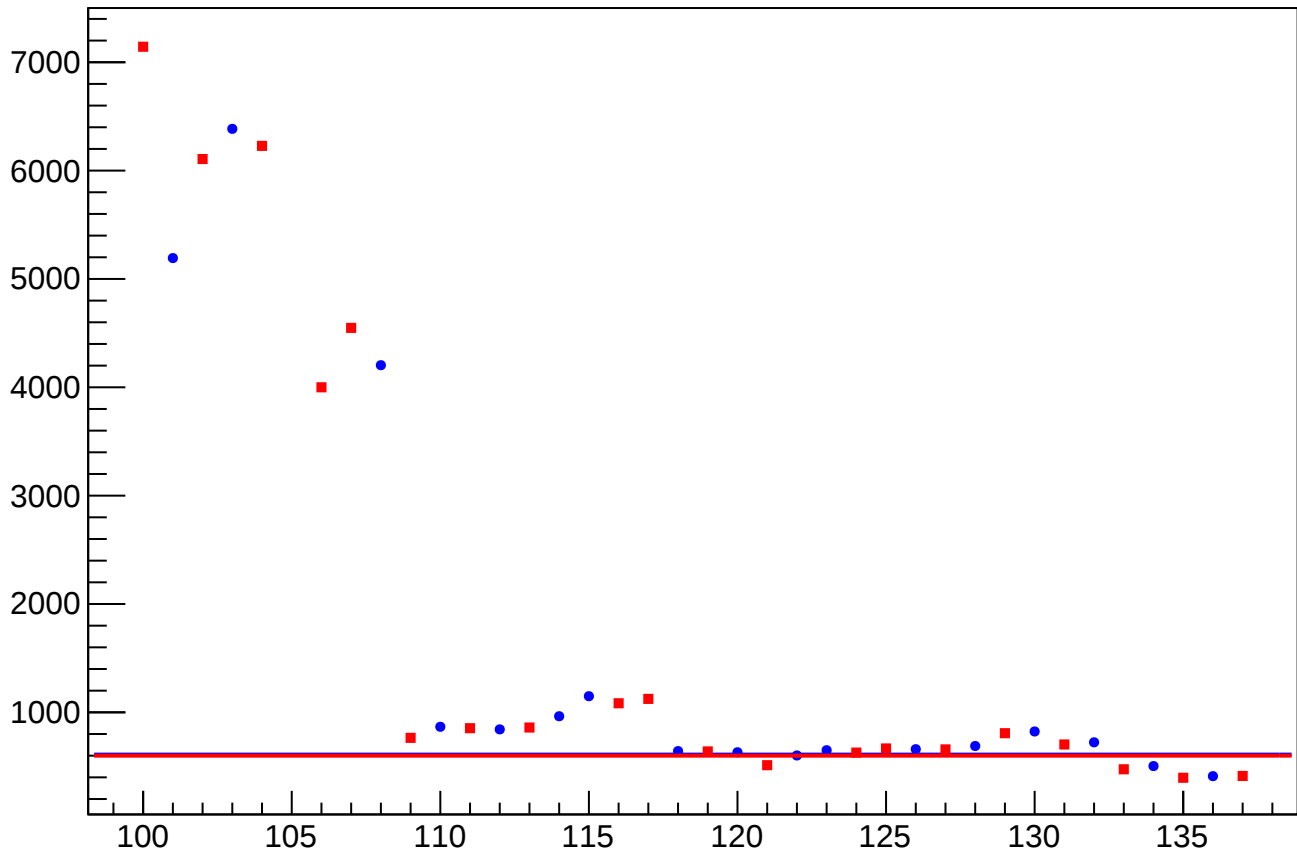
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.072+/-0.269 χ^2 /NDF: 19.2/16

-0.189+/-0.188 χ^2 /NDF: 40.3/36

-0.303+/-0.264 χ^2 /NDF: 20.7/19

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 609.780 $\pm$ 0.190 χ^2 /NDF: 3135978.5/16

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

Right Out: 600.264 $\pm$ 0.186 χ^2 /NDF: 3571191.0/19

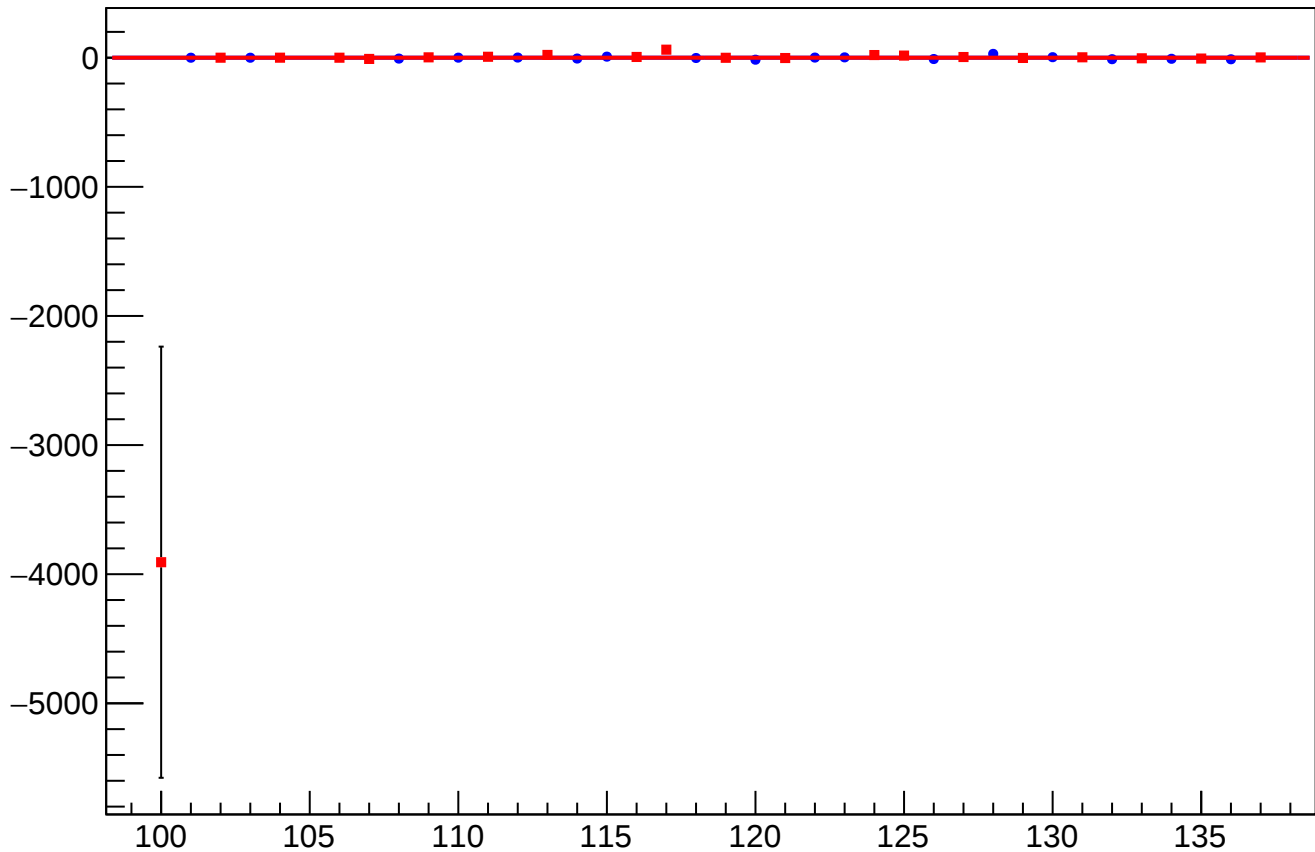
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

609.780 $\pm$ 0.190 χ^2 /NDF: 3135978.5/16

604.933 $\pm$ 0.133 χ^2 /NDF: 6708448.2/36

600.264 $\pm$ 0.186 χ^2 /NDF: 3571191.0/19

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.021 χ^2/NDF : 15.6/16

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

Right Out: 0.027 ± 0.020 χ^2/NDF : 20.5/19

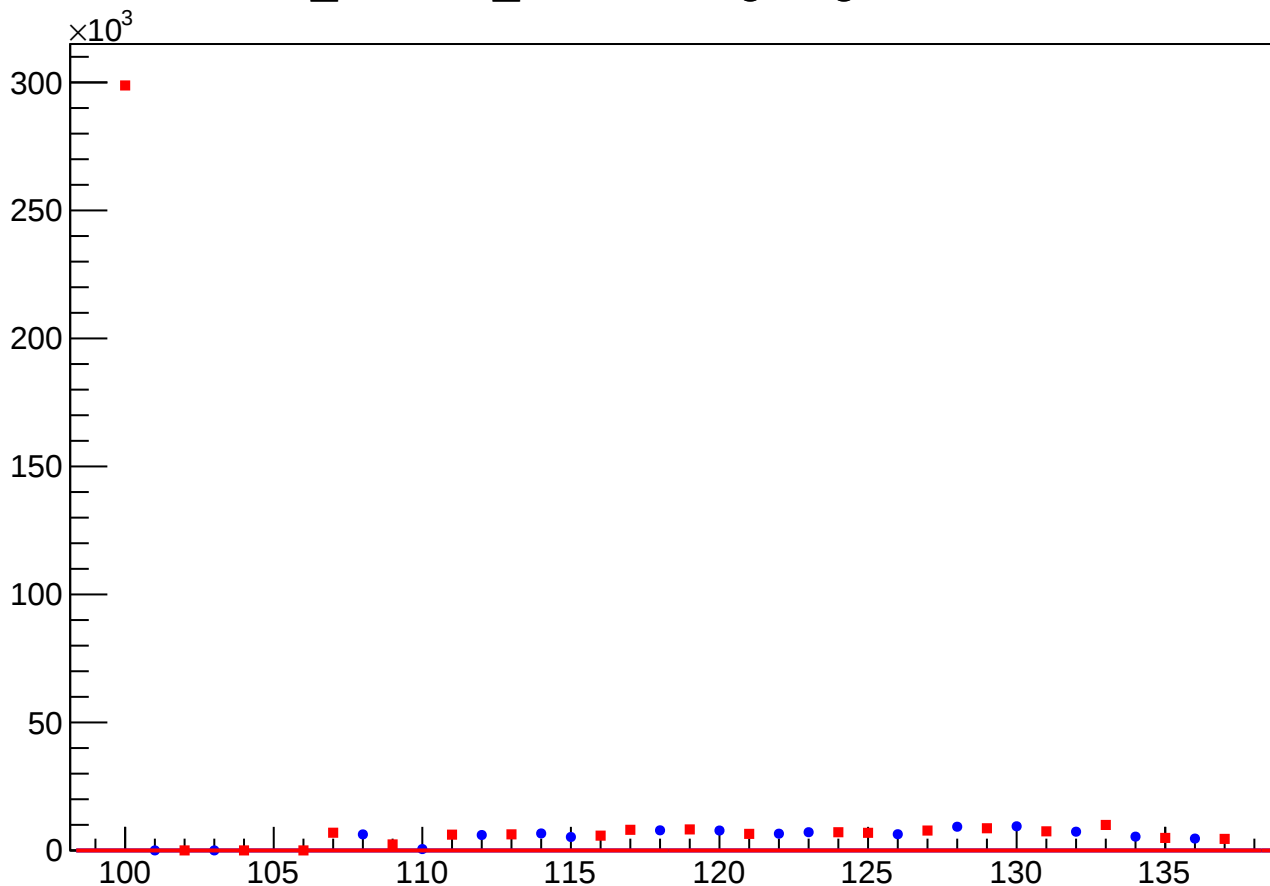
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.022 ± 0.021 χ^2/NDF : 15.6/16

0.004 ± 0.014 χ^2/NDF : 38.9/36

0.027 ± 0.020 χ^2/NDF : 20.5/19

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: 17.271 $\pm$ 0.014 χ^2 /NDF: 10906837.9/19

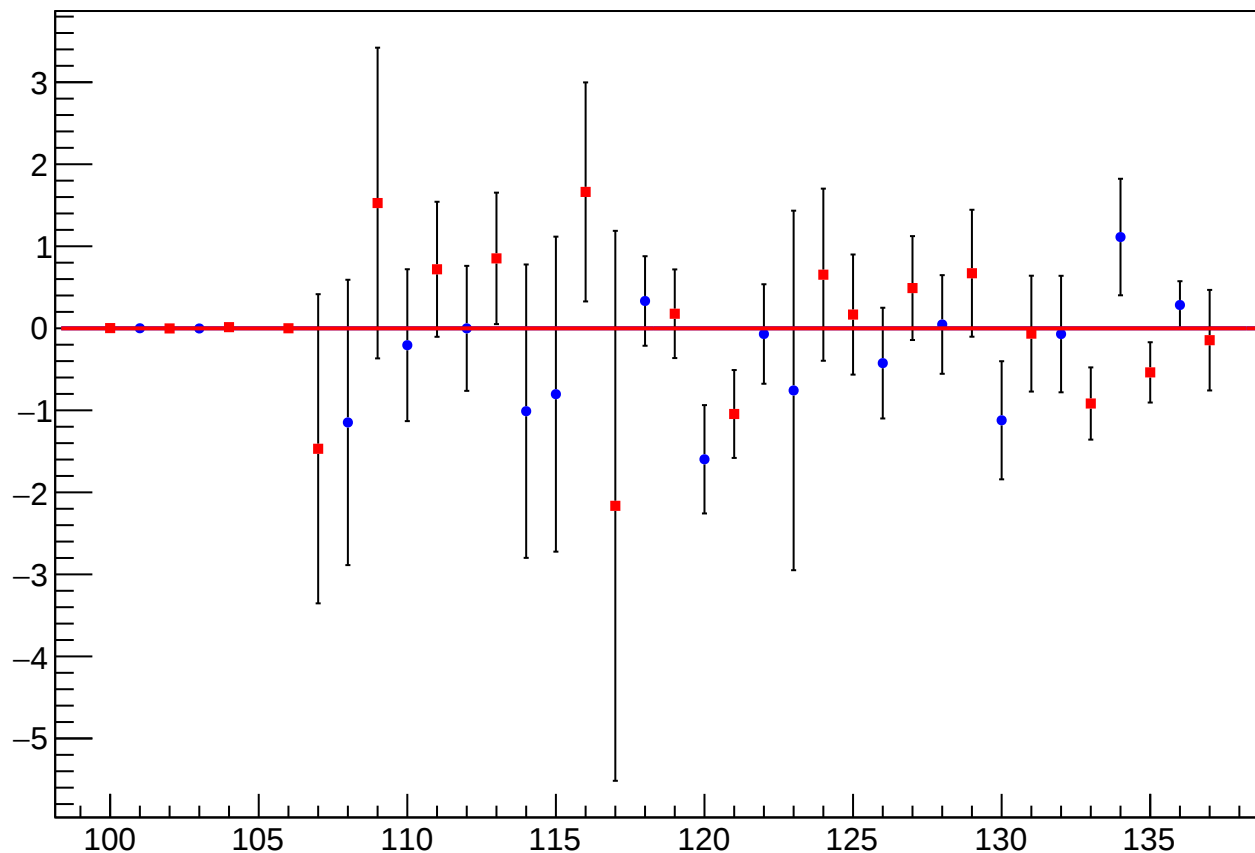
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

17.304 $\pm$ 0.010 χ^2 /NDF: 21408294.7/36

17.271 $\pm$ 0.014 χ^2 /NDF: 10906837.9/19

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: 18.3/19

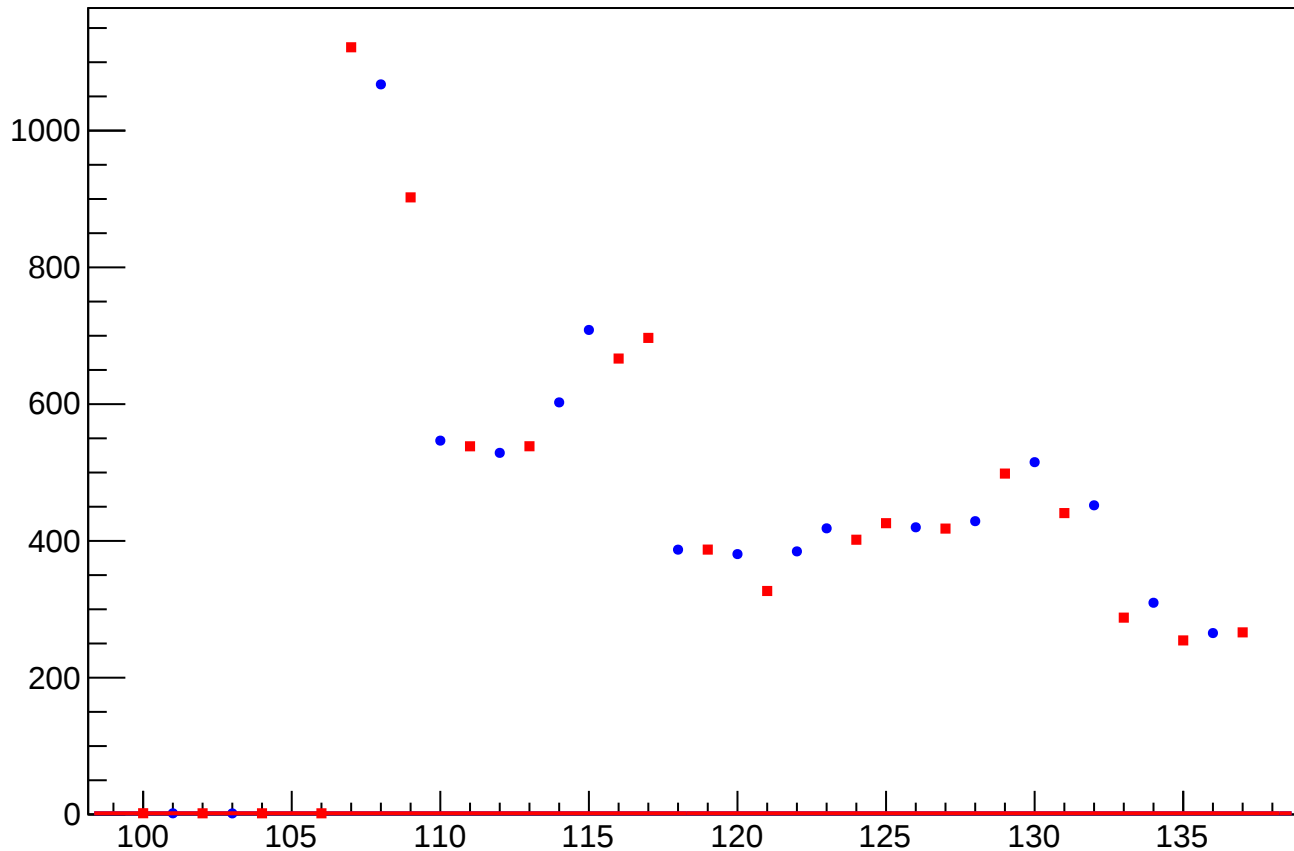
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 13.8/16

-0.000 $\pm$ 0.001 χ^2 /NDF: 32.2/36

-0.001 $\pm$ 0.002 χ^2 /NDF: 18.3/19

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: 1.729+/-0.001 χ^2/NDF : 10829914.3/19

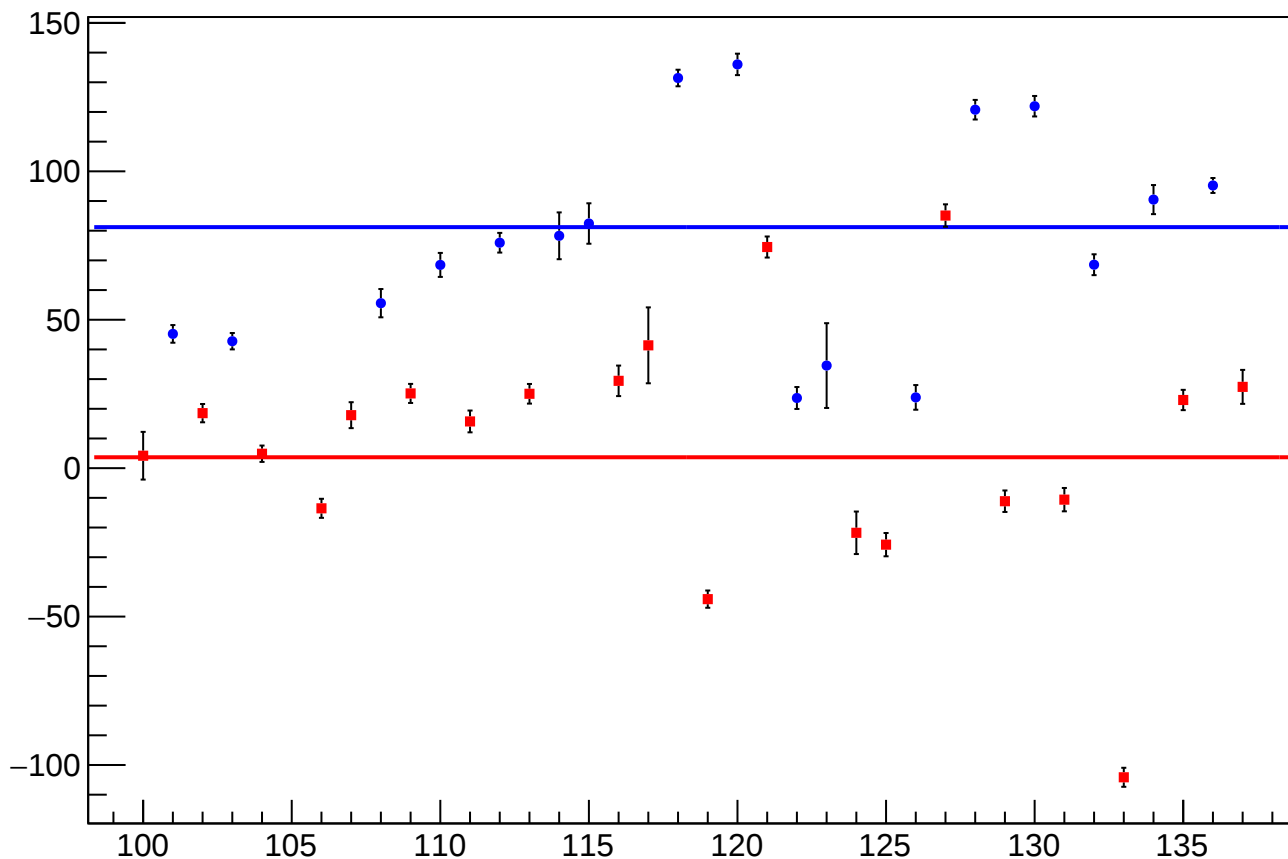
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.699+/-0.001 χ^2/NDF : 11053026.2/16

1.715+/-0.001 χ^2/NDF : 21883161.0/36

1.729+/-0.001 χ^2/NDF : 10829914.3/19

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 81.201+/-0.886 χ^2/NDF : 1709.8/16

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

Right Out: 3.672+/-0.841 χ^2/NDF : 2607.8/19

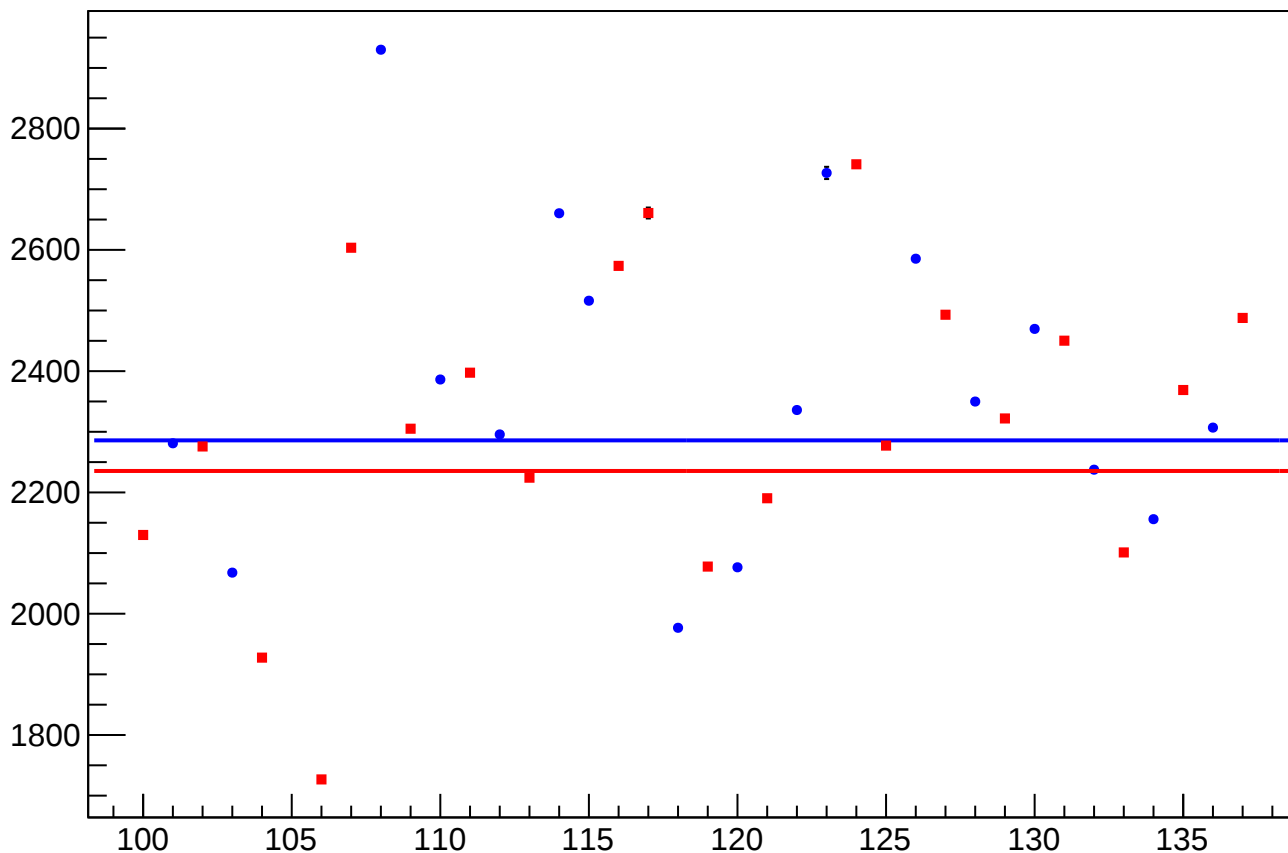
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.201+/-0.886 χ^2/NDF : 1709.8/16

40.417+/-0.610 χ^2/NDF : 8348.3/36

3.672+/-0.841 χ^2/NDF : 2607.8/19

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: 2235.394 $\pm$ 0.594 χ^2 /NDF: 149072.1/19

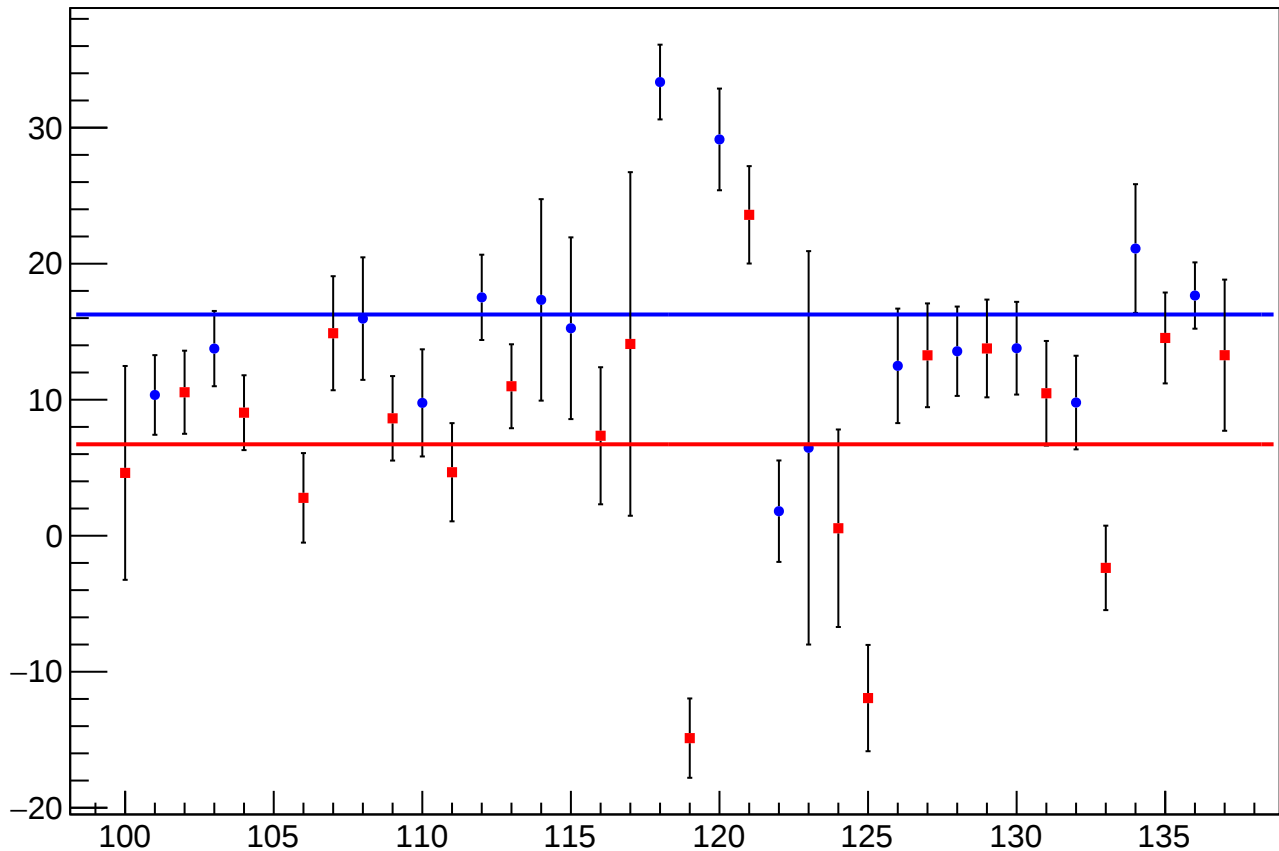
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2259.311 $\pm$ 0.431 χ^2 /NDF: 261823.6/36

2235.394 $\pm$ 0.594 χ^2 /NDF: 149072.1/19

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.265+/-0.872 χ^2/NDF : 80.8/16

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

Right Out: 6.722+/-0.829 χ^2/NDF : 134.3/19

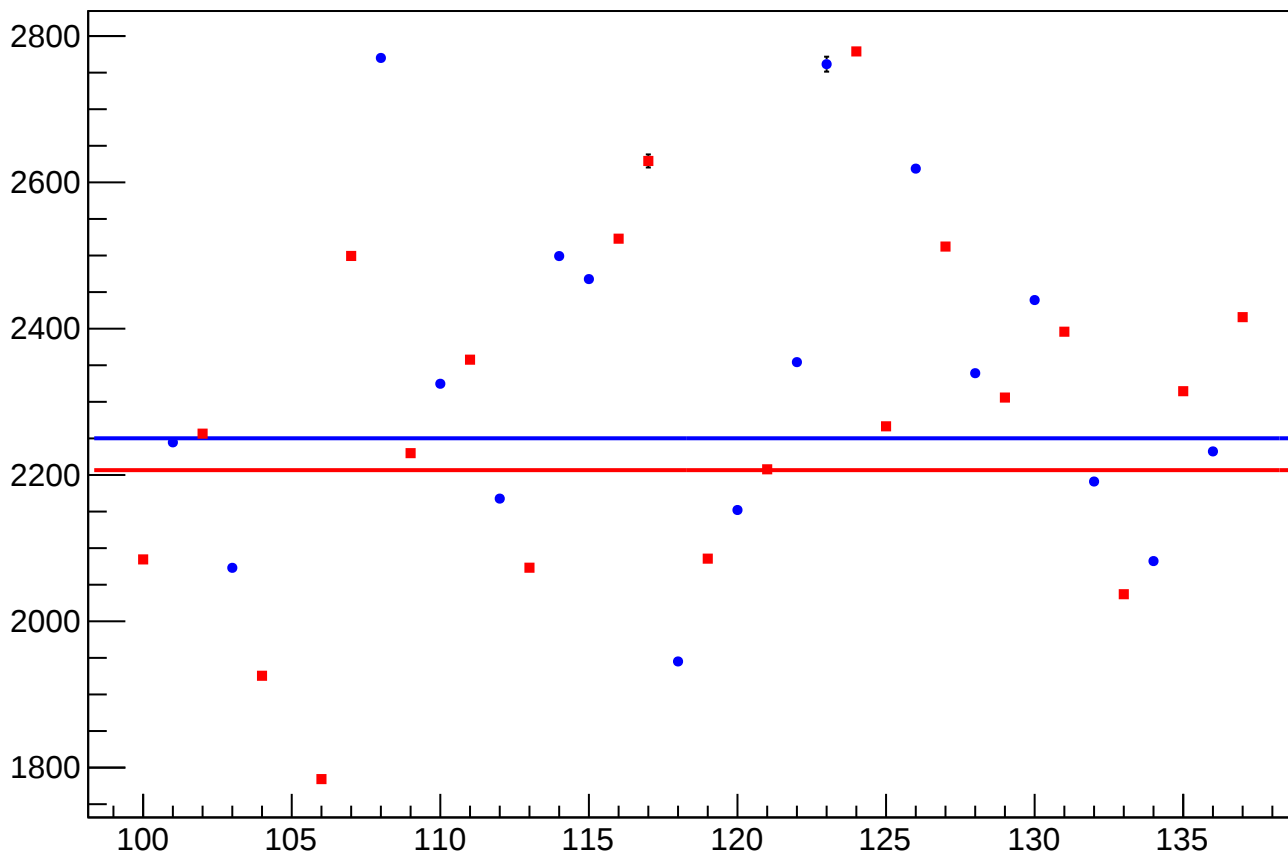
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.265+/-0.872 χ^2/NDF : 80.8/16

11.255+/-0.601 χ^2/NDF : 278.1/36

6.722+/-0.829 χ^2/NDF : 134.3/19

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2250.175+/-0.616 χ^2/NDF : 97578.1/16

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

Right Out: 2206.617+/-0.586 χ^2/NDF : 128476.5/19

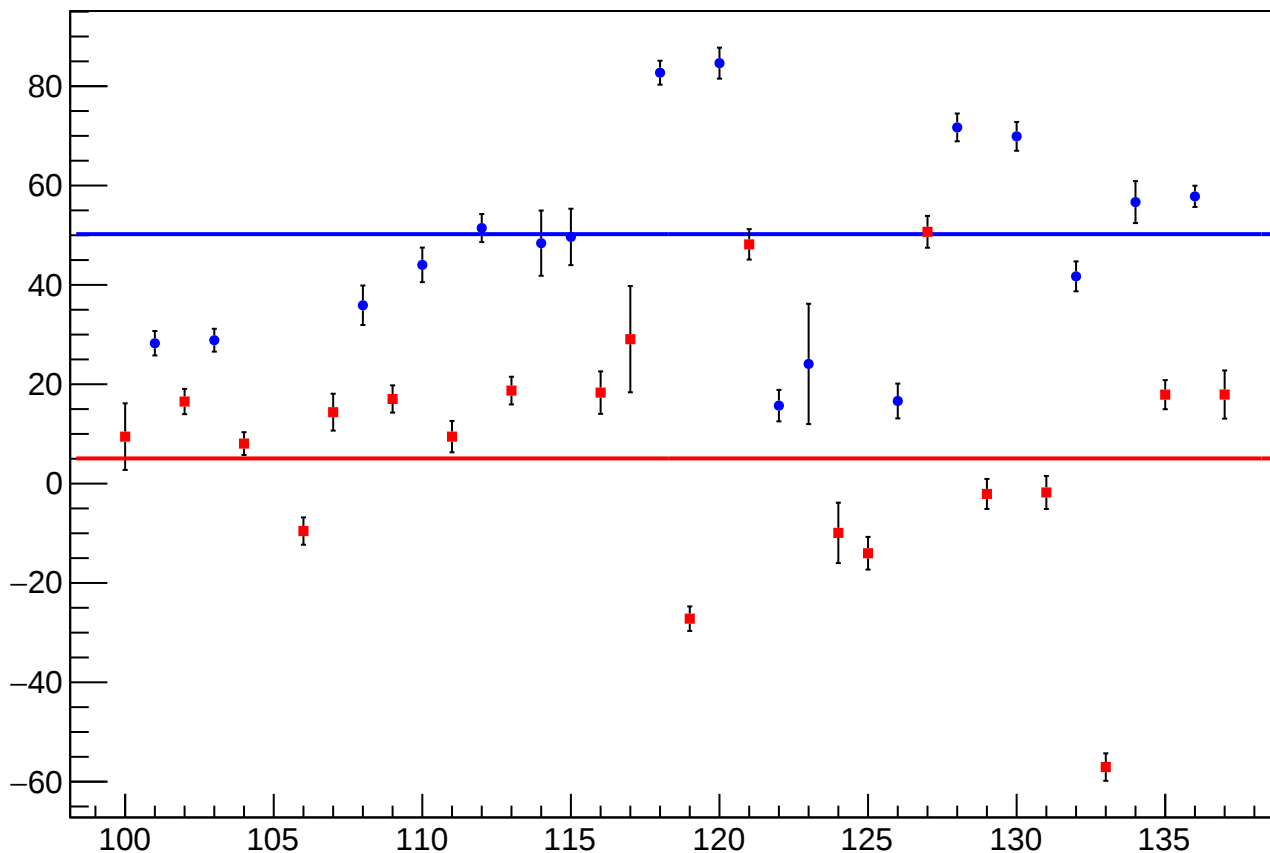
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2250.175+/-0.616 χ^2/NDF : 97578.1/16

2227.307+/-0.425 χ^2/NDF : 228677.5/36

2206.617+/-0.586 χ^2/NDF : 128476.5/19

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: 5.065+/-0.712 χ^2/NDF : 1267.6/19

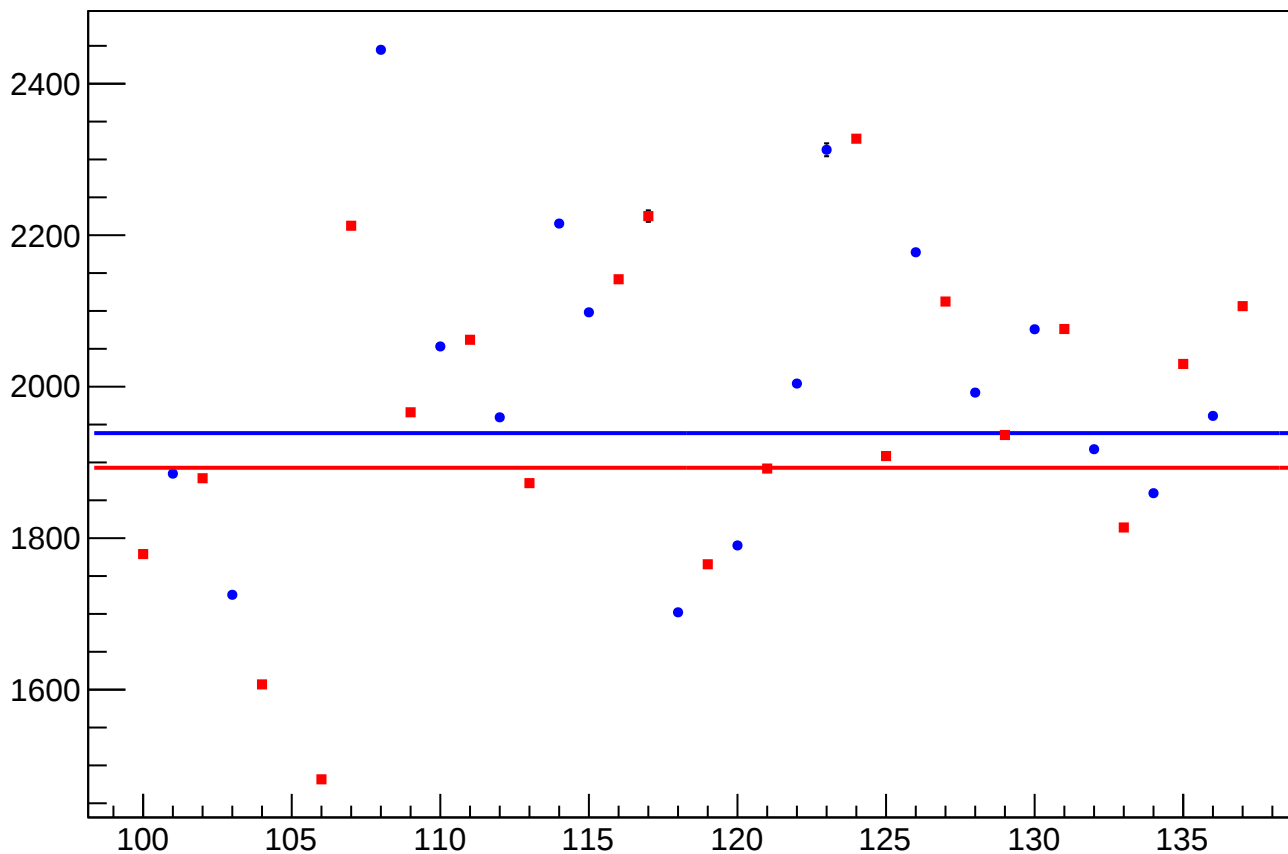
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.215+/-0.751 χ^2/NDF : 830.3/16

26.438+/-0.517 χ^2/NDF : 4002.5/36

5.065+/-0.712 χ^2/NDF : 1267.6/19

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: 1892.946 $\pm$ 0.503 χ^2 /NDF: 148563.2/19

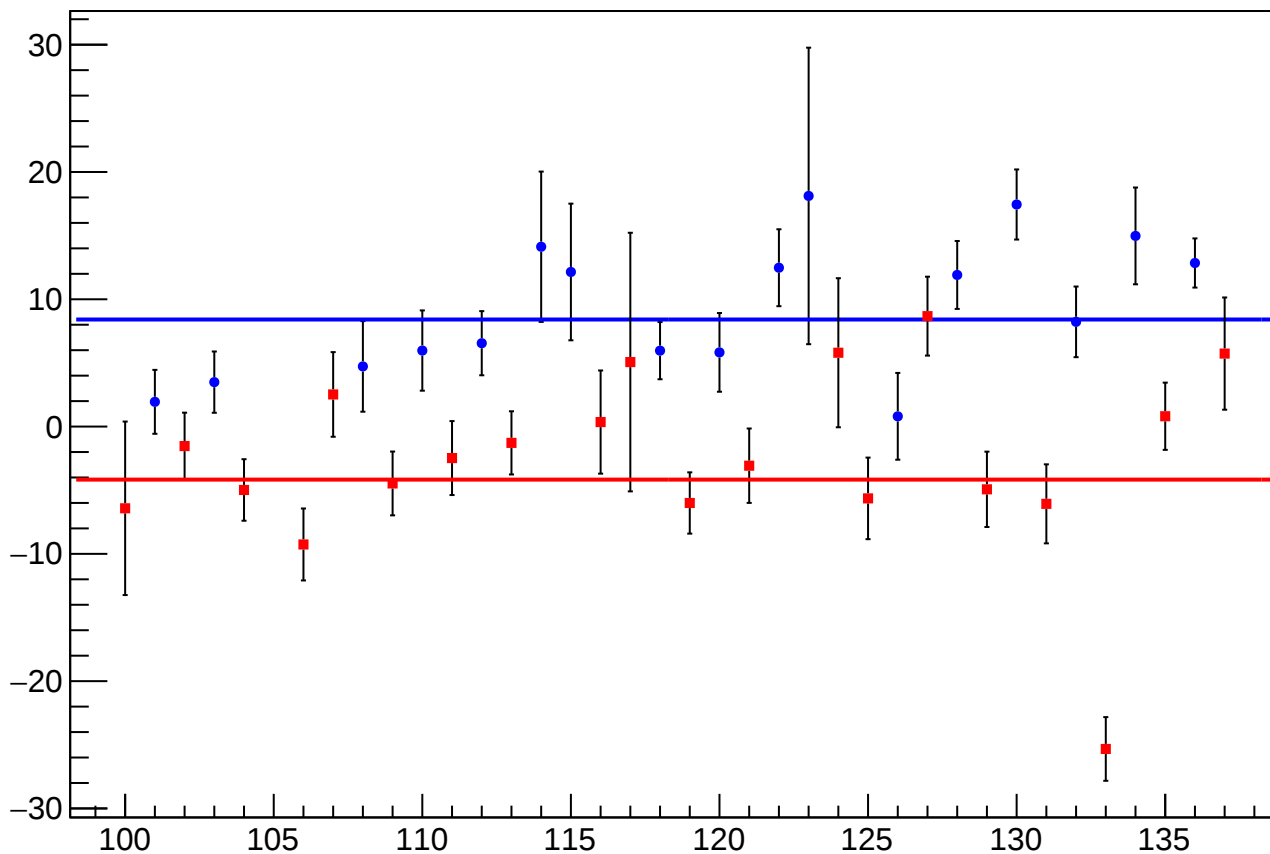
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1914.599 $\pm$ 0.365 χ^2 /NDF: 252616.0/36

1892.946 $\pm$ 0.503 χ^2 /NDF: 148563.2/19

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: -4.167 $\pm$ 0.681 χ^2/NDF : 113.9/19

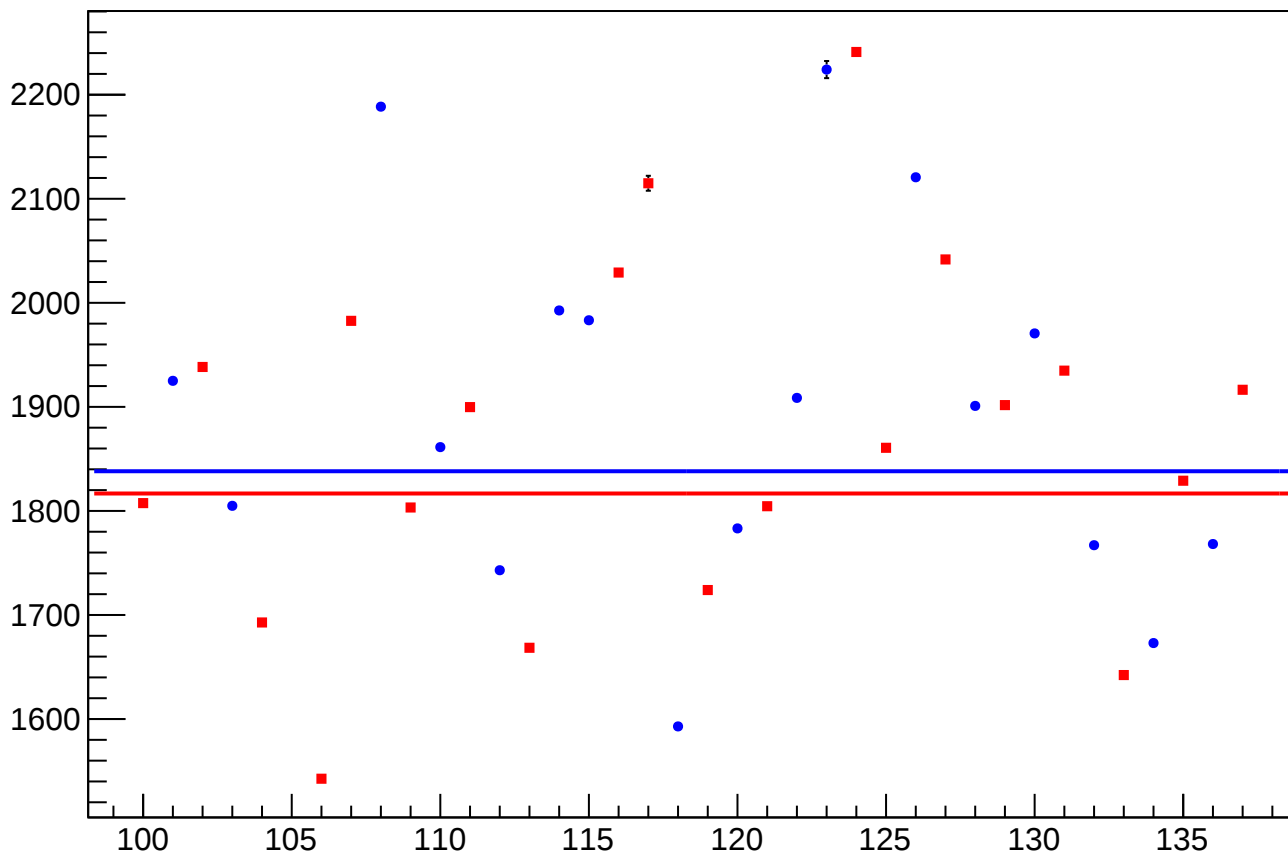
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

8.411 $\pm$ 0.711 χ^2/NDF : 44.6/16

1.848 $\pm$ 0.492 χ^2/NDF : 321.7/36

-4.167 $\pm$ 0.681 χ^2/NDF : 113.9/19

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: 1816.748 $\pm$ 0.481 χ^2 /NDF: 89149.7/19

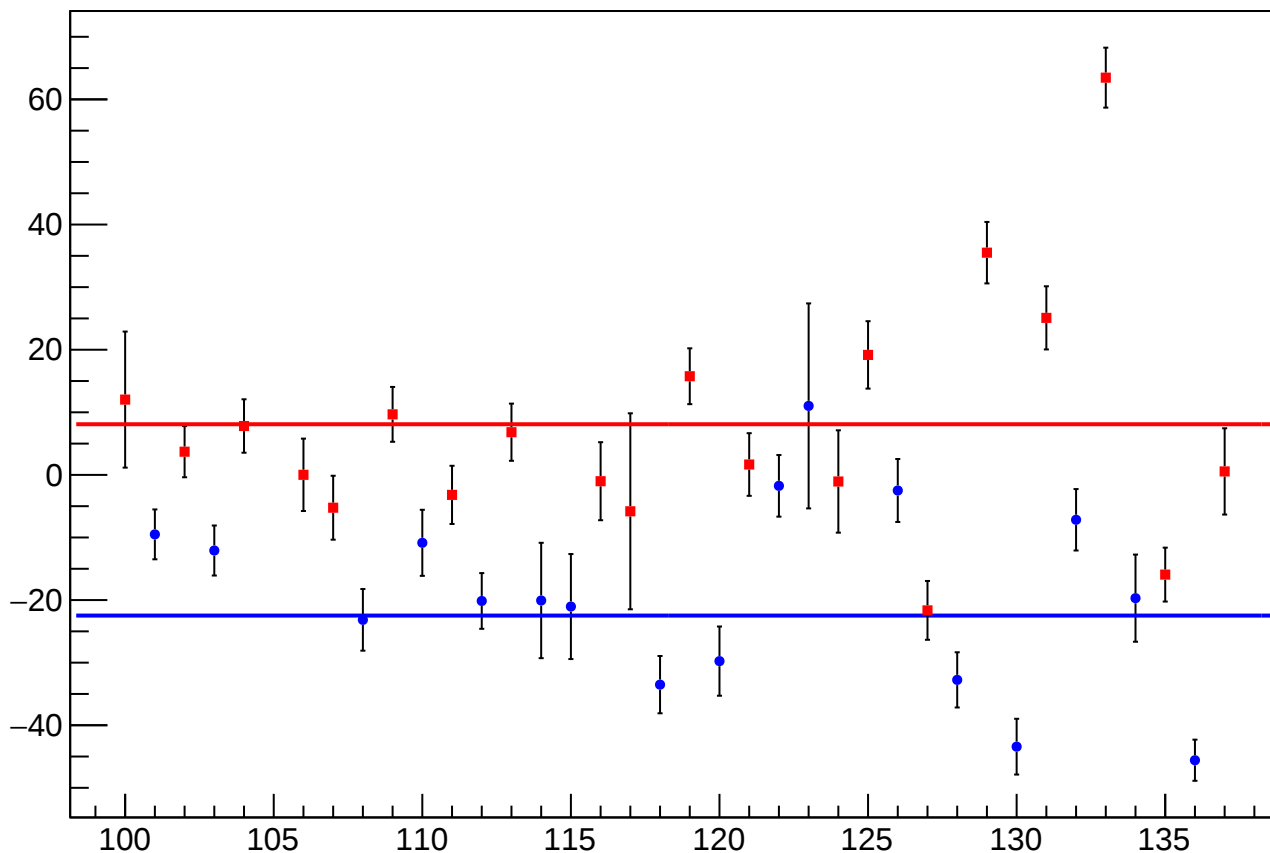
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1826.979 $\pm$ 0.348 χ^2 /NDF: 172972.8/36

1816.748 $\pm$ 0.481 χ^2 /NDF: 89149.7/19

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.477 $\pm$ 1.195 χ^2 /NDF: 154.7/16

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

Right Out: 8.093 $\pm$ 1.153 χ^2 /NDF: 277.7/19

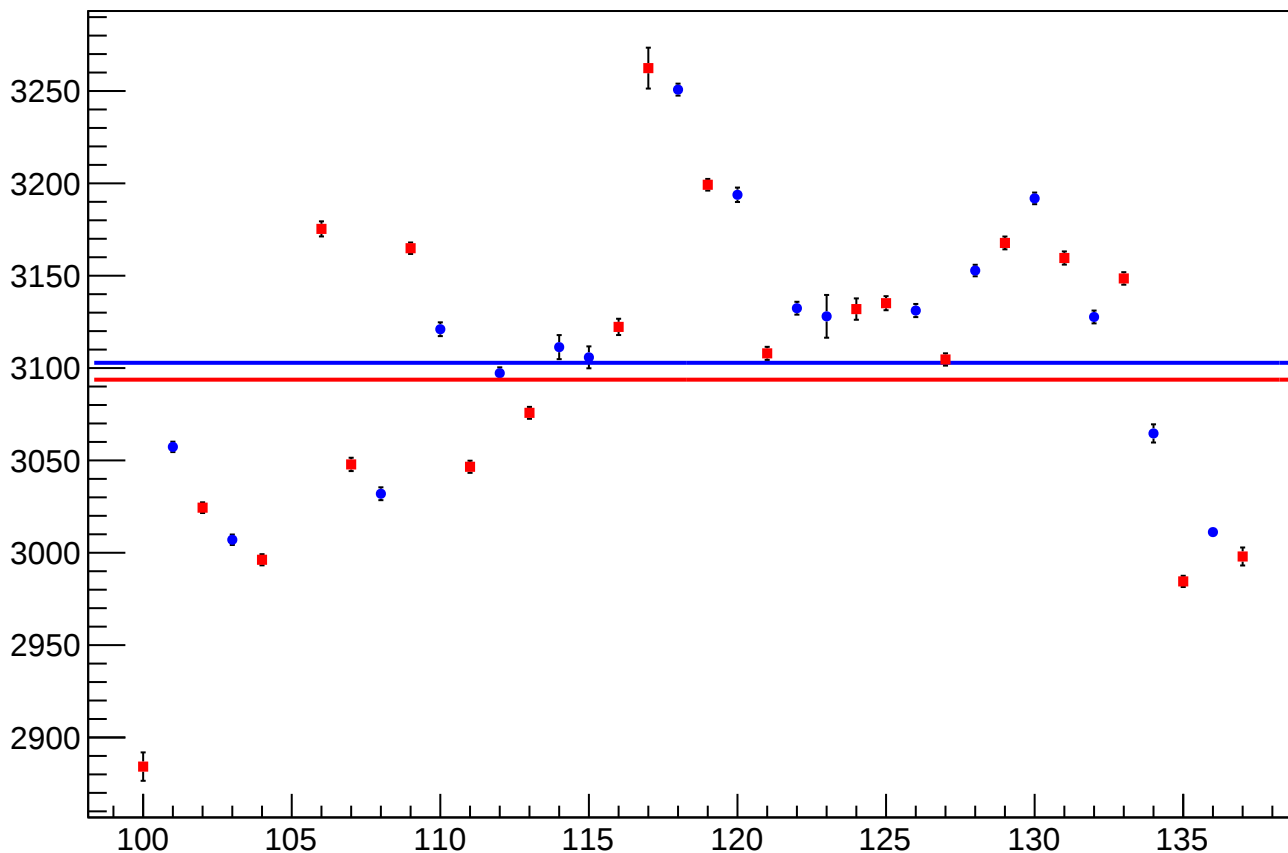
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-22.477 $\pm$ 1.195 χ^2 /NDF: 154.7/16

-6.654 $\pm$ 0.830 χ^2 /NDF: 771.3/36

8.093 $\pm$ 1.153 χ^2 /NDF: 277.7/19

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3102.846+/-0.845 χ^2/NDF : 7344.9/16

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

Right Out: 3093.715+/-0.816 χ^2/NDF : 7996.8/19

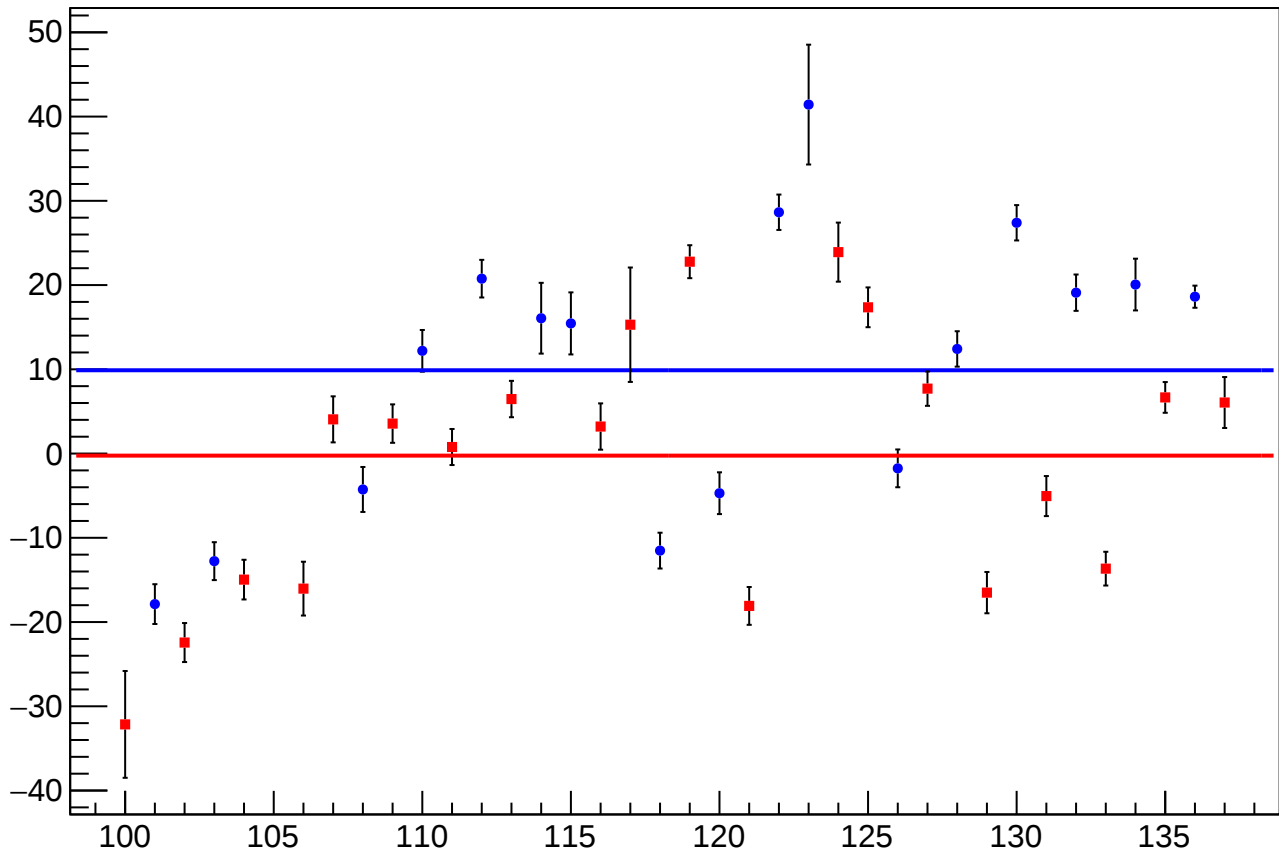
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3102.846+/-0.845 χ^2/NDF : 7344.9/16

3098.120+/-0.587 χ^2/NDF : 15402.2/36

3093.715+/-0.816 χ^2/NDF : 7996.8/19

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 9.887+/-0.559 χ^2/NDF : 703.6/16

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

Right Out: -0.245+/-0.545 χ^2/NDF : 634.1/19

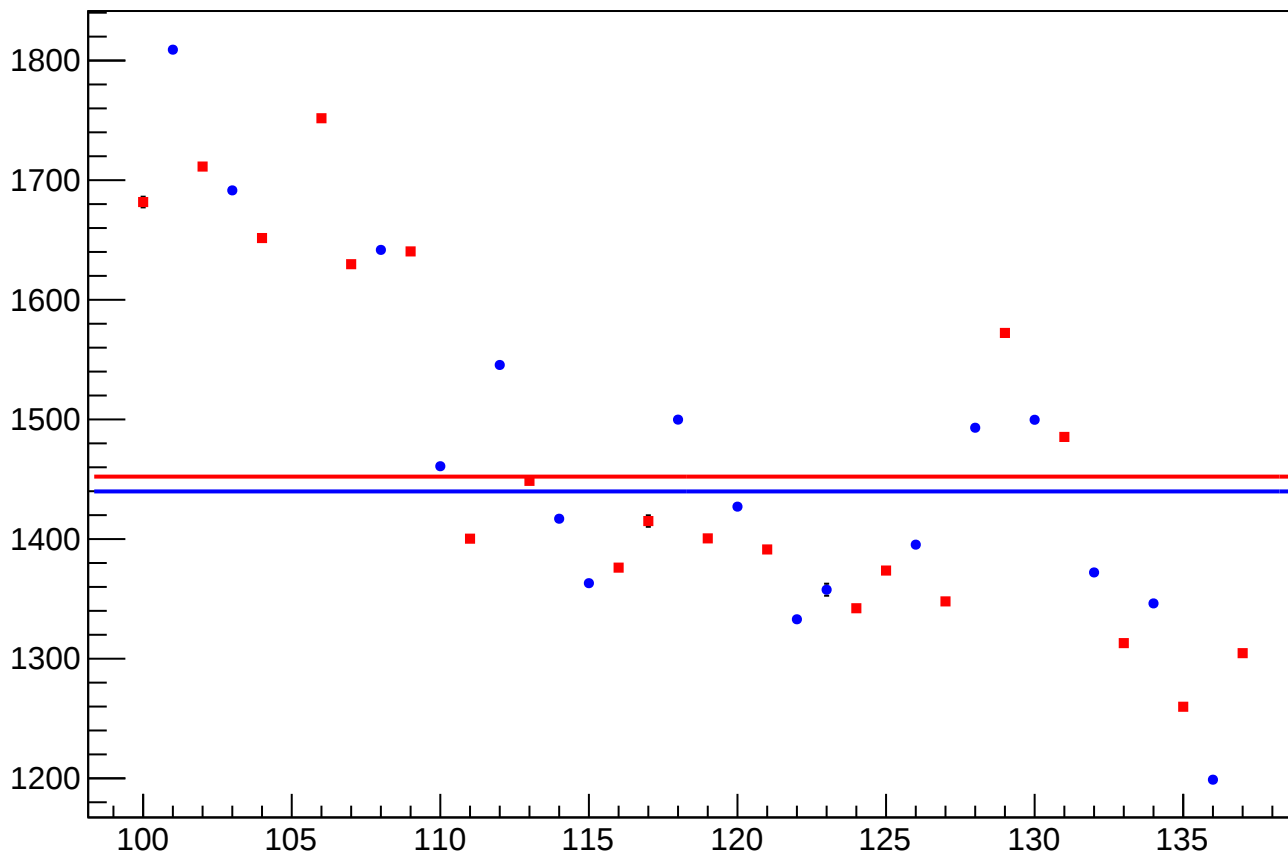
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.887+/-0.559 χ^2/NDF : 703.6/16

4.689+/-0.390 χ^2/NDF : 1506.0/36

-0.245+/-0.545 χ^2/NDF : 634.1/19

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: 1452.211 $\pm$ 0.385 χ^2 /NDF: 138579.9/19

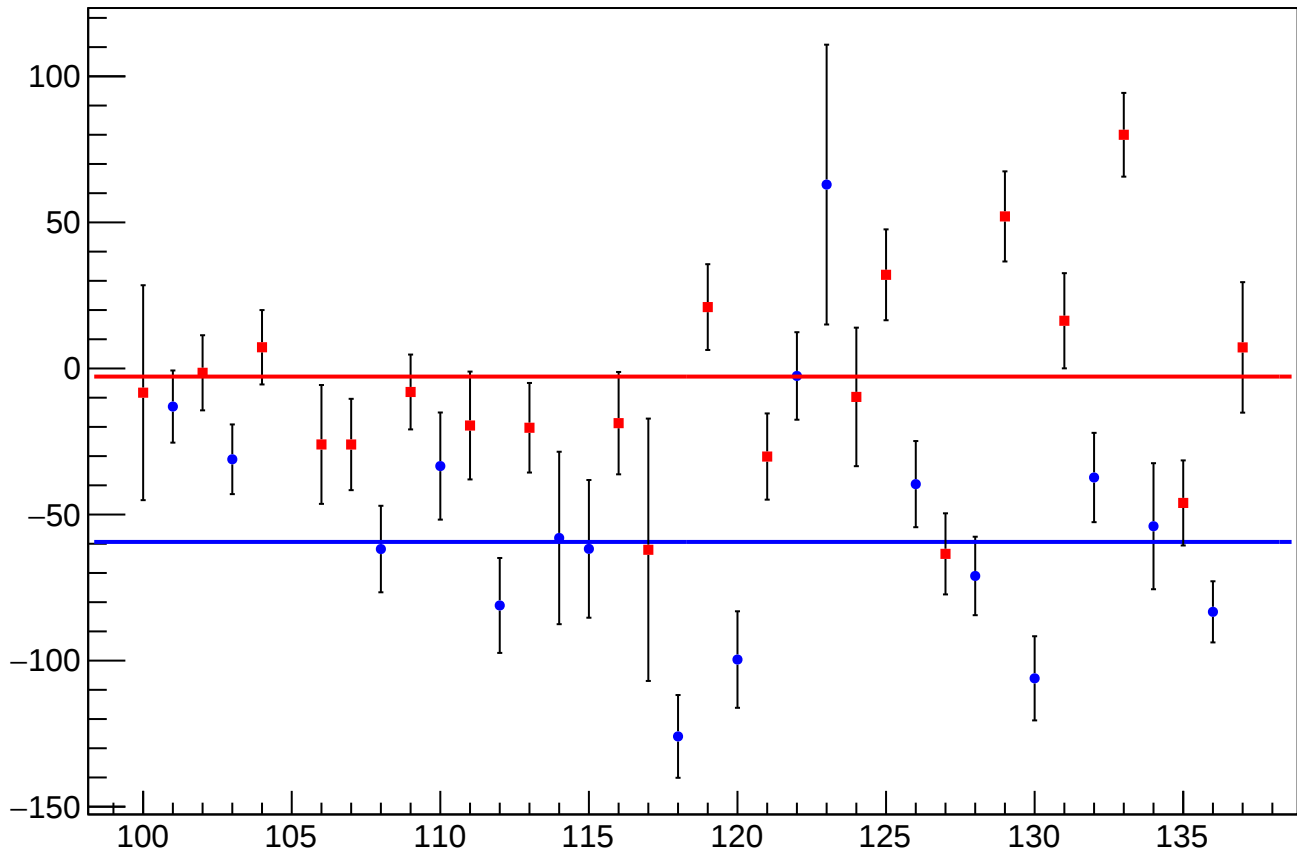
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1446.180 $\pm$ 0.276 χ^2 /NDF: 311906.2/36

1452.211 $\pm$ 0.385 χ^2 /NDF: 138579.9/19

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: -2.776+/-3.618 χ^2/NDF : 95.7/19

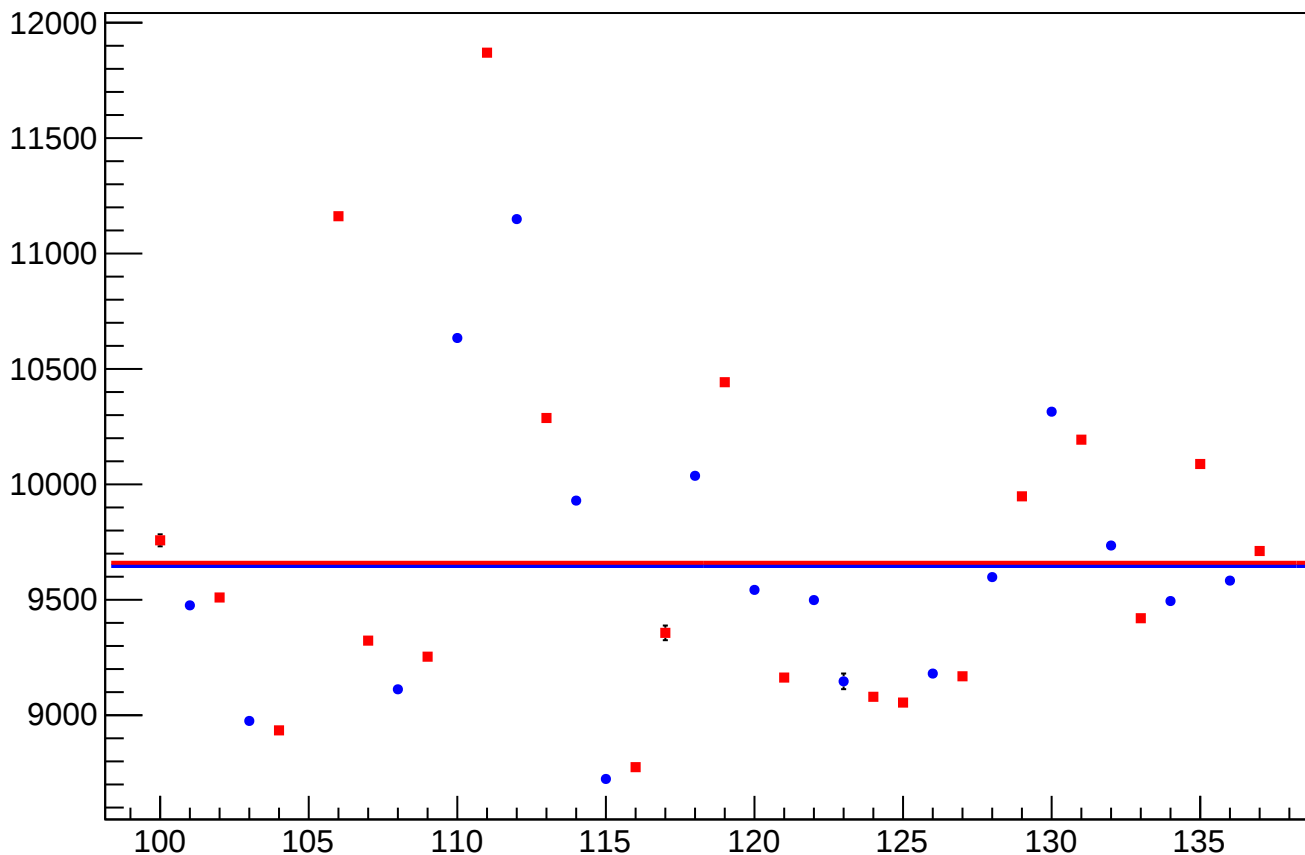
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-59.374+/-3.729 χ^2/NDF : 92.9/16

-30.220+/-2.597 χ^2/NDF : 307.3/36

-2.776+/-3.618 χ^2/NDF : 95.7/19

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: 9660.380 $\pm$ 2.558 χ^2 /NDF: 77676.0/19

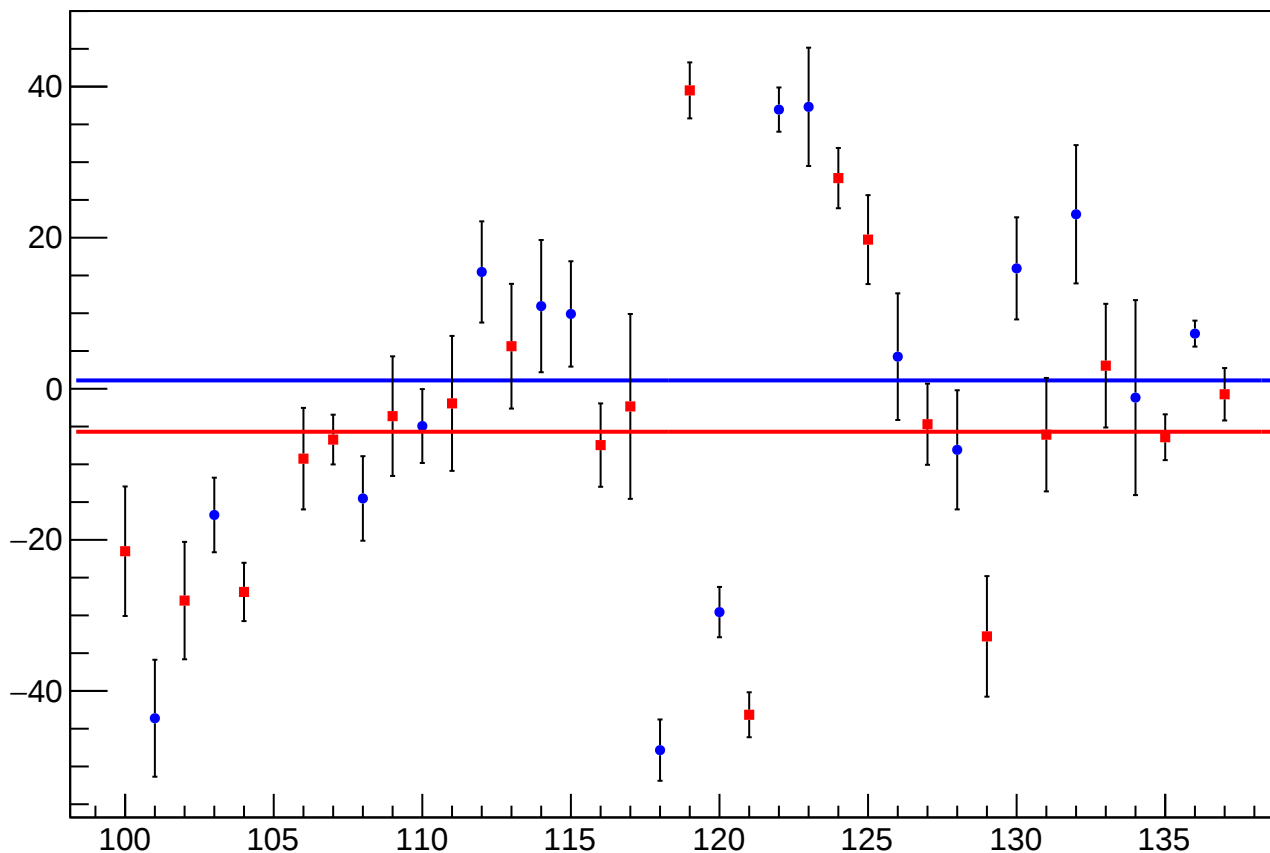
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

9653.640 $\pm$ 1.836 χ^2 /NDF: 121750.6/36

9660.380 $\pm$ 2.558 χ^2 /NDF: 77676.0/19

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: -5.689+/-1.087 χ^2/NDF : 456.0/19

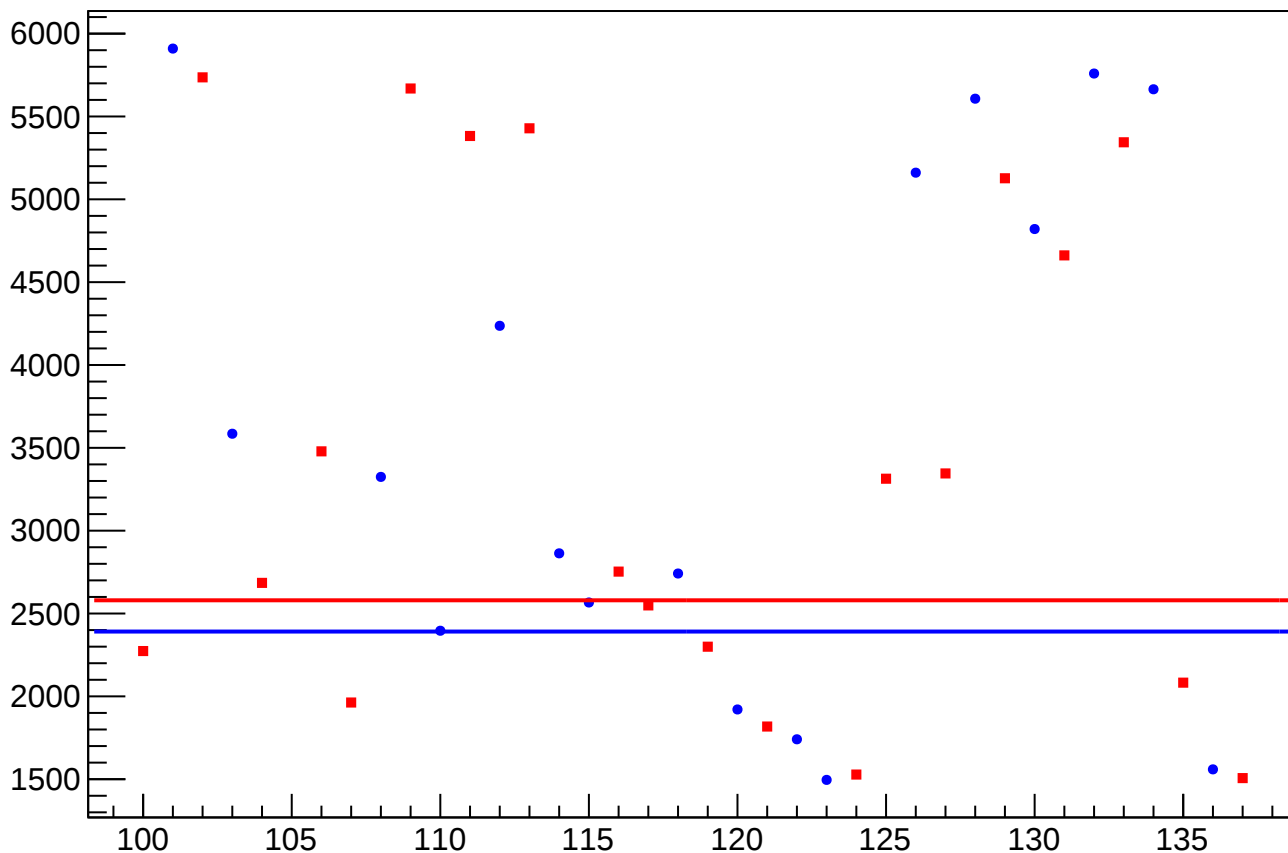
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.106+/-1.066 χ^2/NDF : 489.7/16

-2.227+/-0.761 χ^2/NDF : 965.6/36

-5.689+/-1.087 χ^2/NDF : 456.0/19

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2391.162 $\pm$ 0.754 χ^2 /NDF: 2600547.2/16

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

Right Out: 2579.794 $\pm$ 0.768 χ^2 /NDF: 2365284.2/19

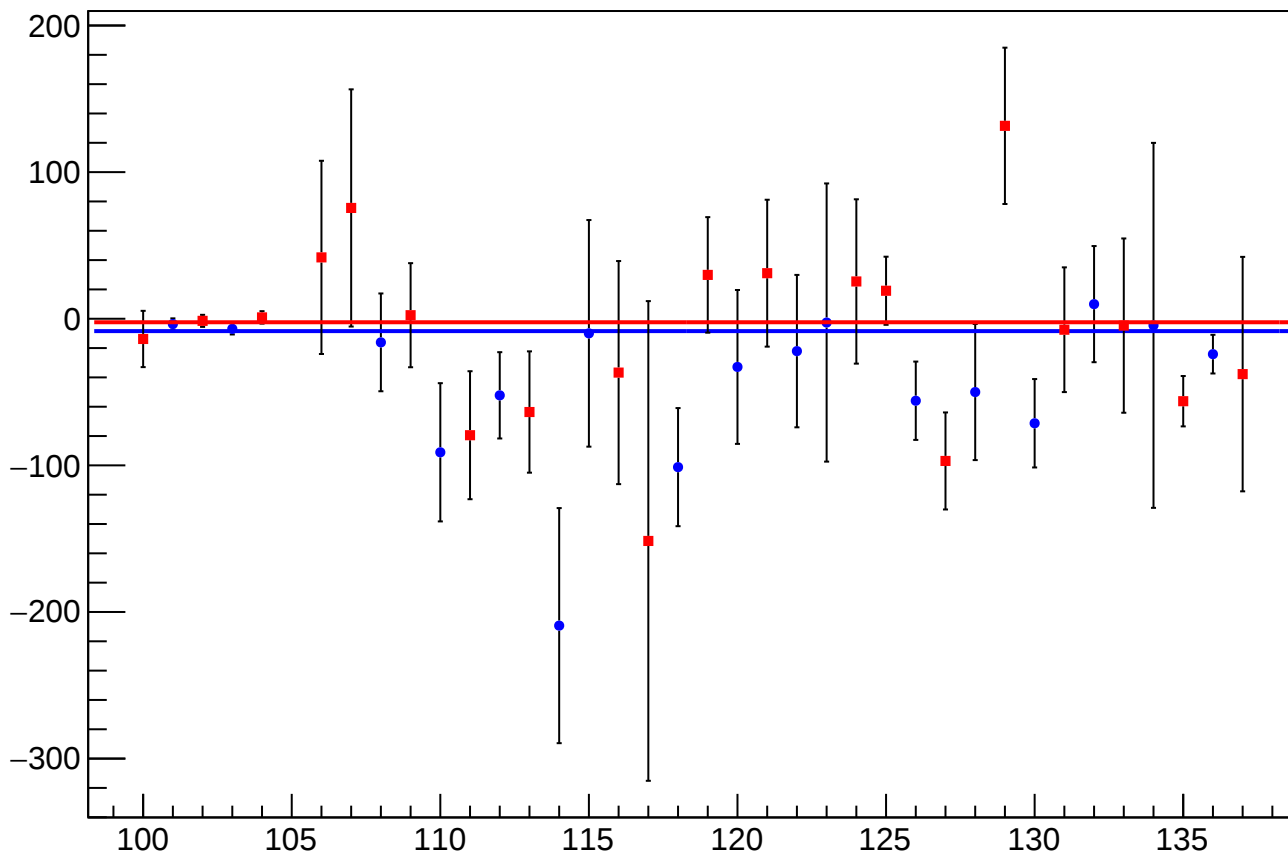
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

2391.162 $\pm$ 0.754 χ^2 /NDF: 2600547.2/16

2483.697 $\pm$ 0.538 χ^2 /NDF: 4996525.8/36

2579.794 $\pm$ 0.768 χ^2 /NDF: 2365284.2/19

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: -2.392+/-2.786 χ^2 /NDF: 35.5/19

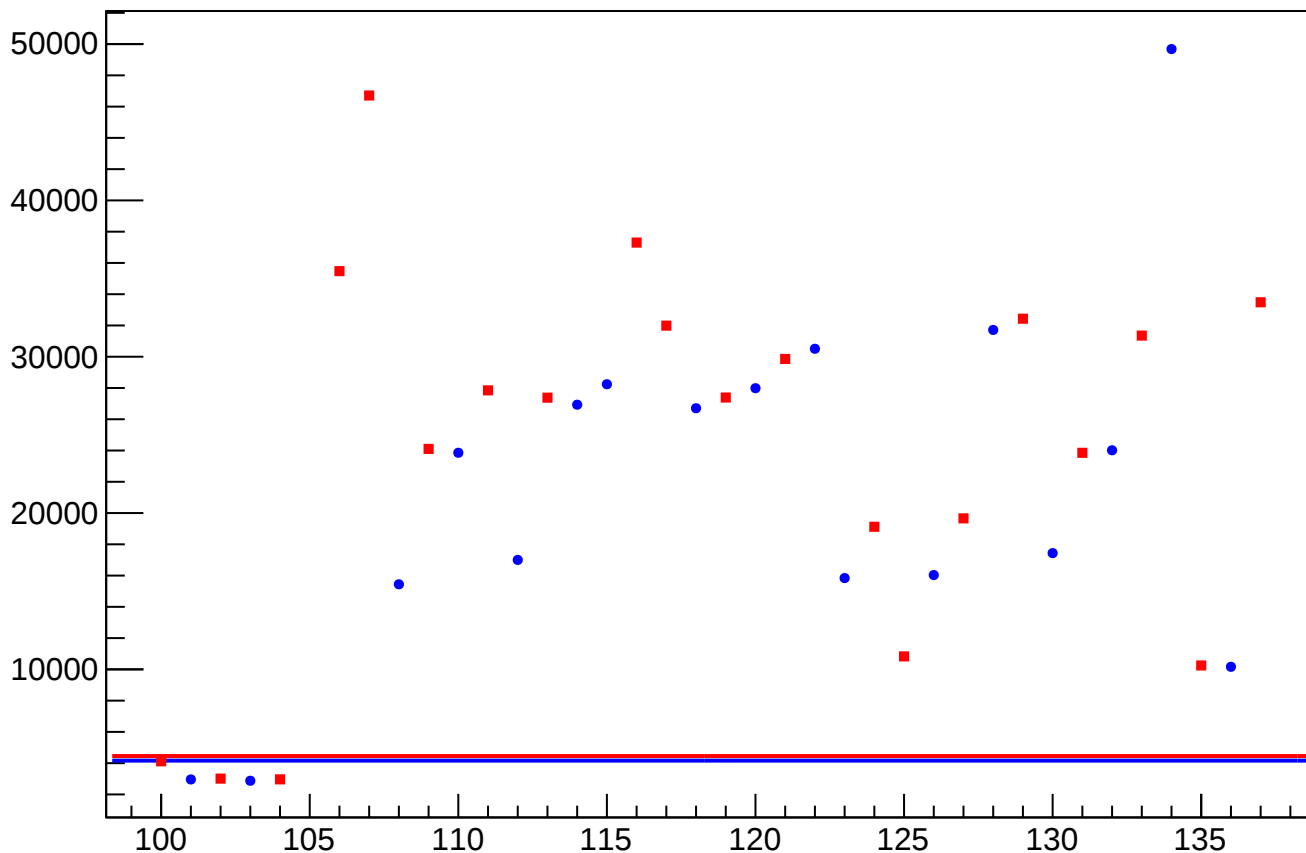
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.430+/-2.587 χ^2 /NDF: 28.9/16

-5.634+/-1.896 χ^2 /NDF: 66.9/36

-2.392+/-2.786 χ^2 /NDF: 35.5/19

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: 4455.114 $\pm$ 1.970 χ^2/NDF : 7483602.5/19

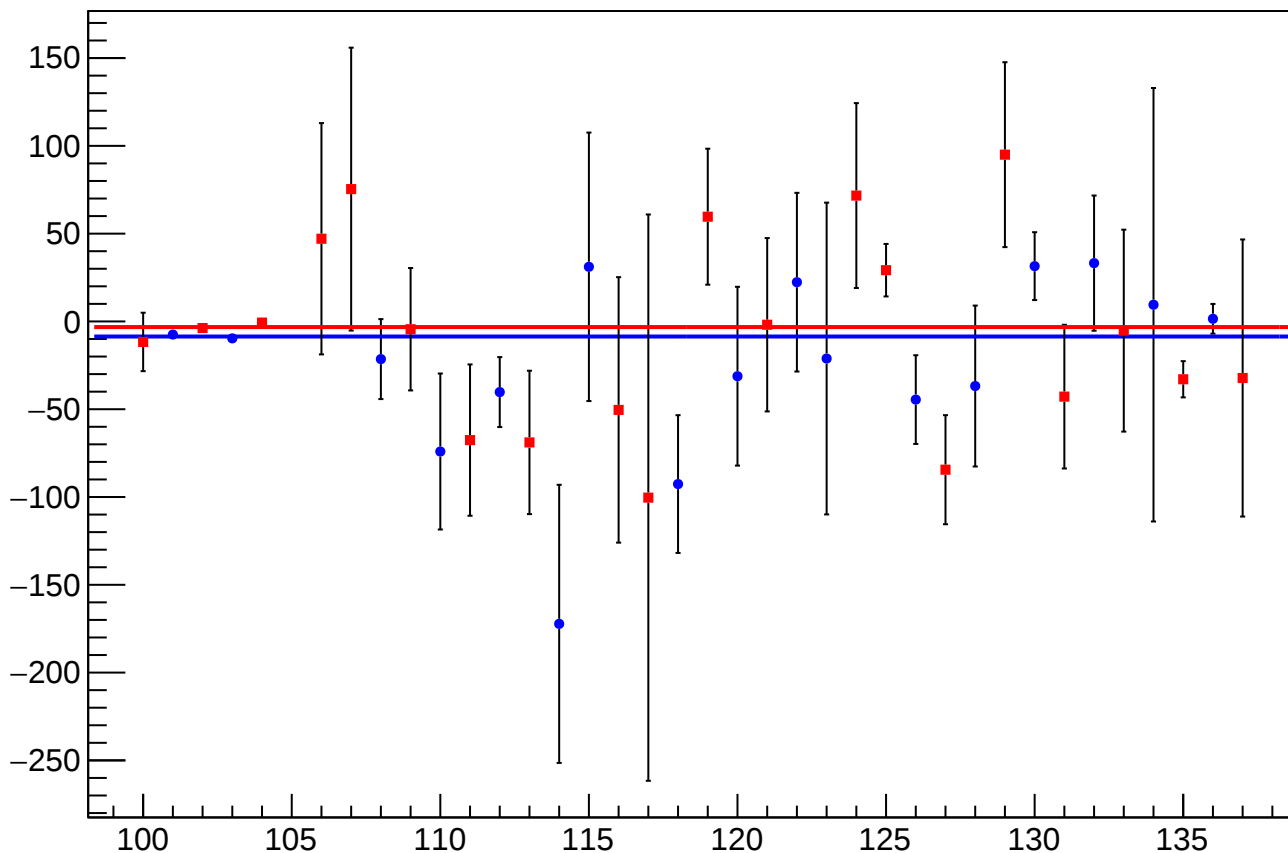
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

4297.888 $\pm$ 1.341 χ^2/NDF : 13485531.2/3

4455.114 $\pm$ 1.970 χ^2/NDF : 7483602.5/19

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: -3.208+/-1.922 χ^2/NDF : 37.2/19

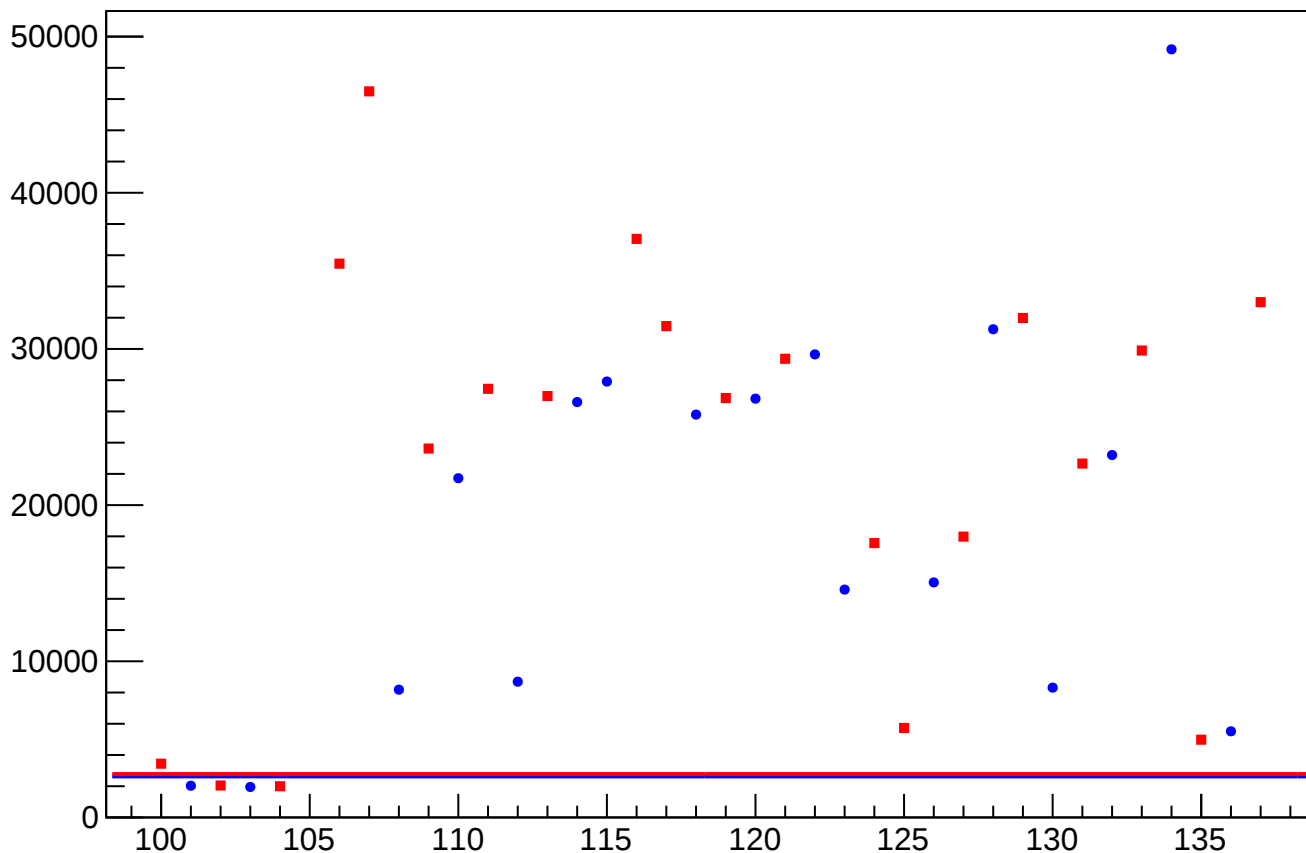
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.586+/-1.778 χ^2/NDF : 24.4/16

-6.107+/-1.305 χ^2/NDF : 65.9/36

-3.208+/-1.922 χ^2/NDF : 37.2/19

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: 2777.521+/-1.359 χ^2/NDF : 7899165.0/19

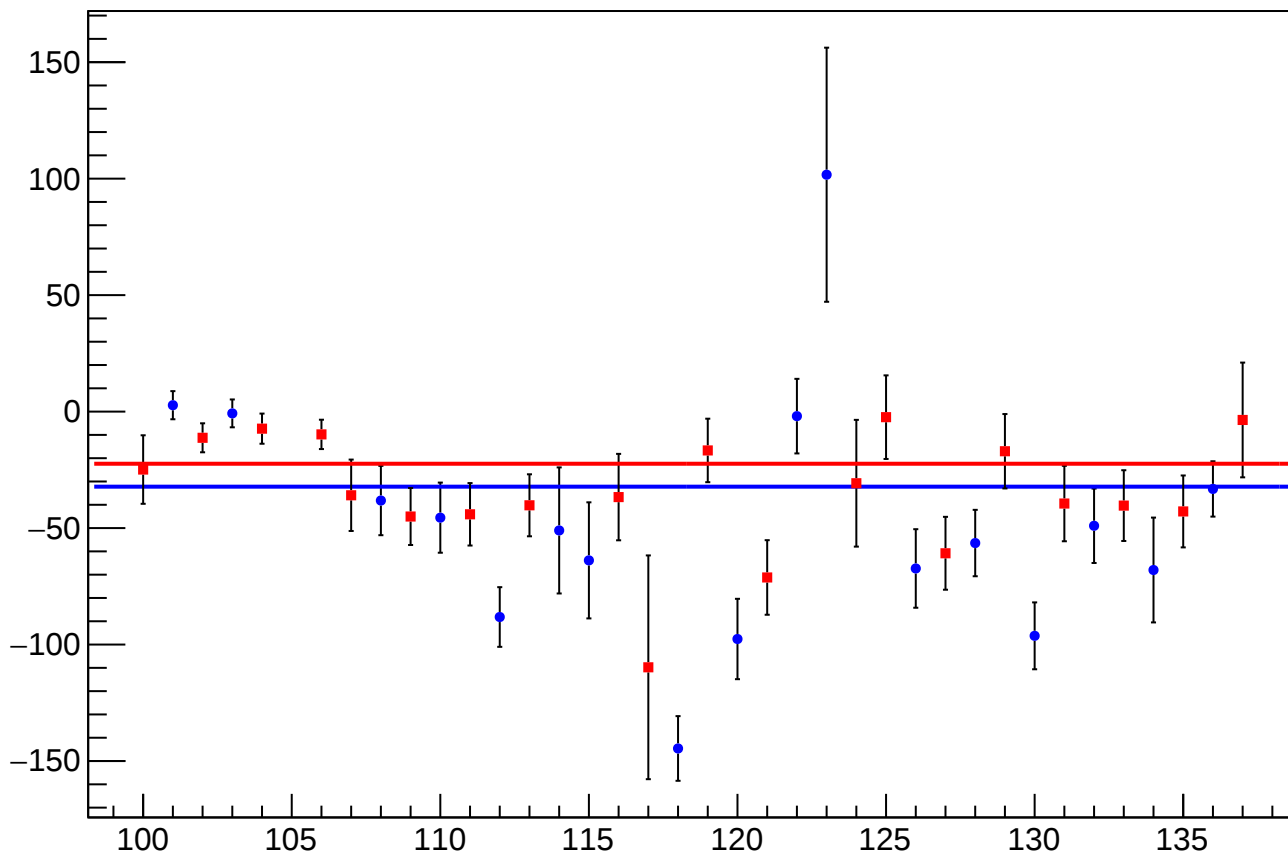
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2698.308+/-0.923 χ^2/NDF : 13494449.2/3

2777.521+/-1.359 χ^2/NDF : 7899165.0/19

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -32.222+/-2.981 χ^2/NDF : 203.7/16

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

Right Out: -22.381+/-2.665 χ^2/NDF : 47.0/19

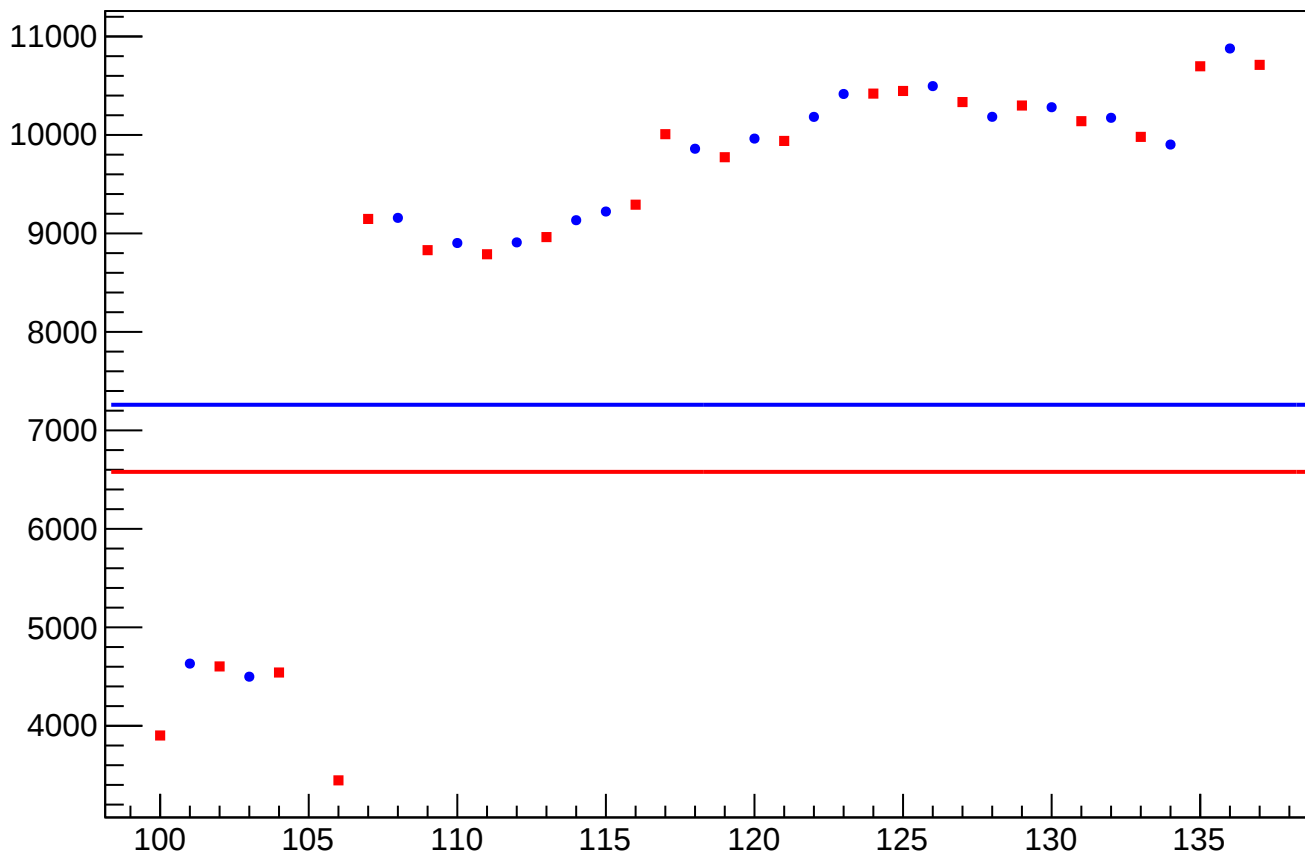
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.222+/-2.981 χ^2/NDF : 203.7/16

-26.752+/-1.987 χ^2/NDF : 256.7/36

-22.381+/-2.665 χ^2/NDF : 47.0/19

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: 6578.773+/-1.885 χ^2/NDF : 2206772.9/19

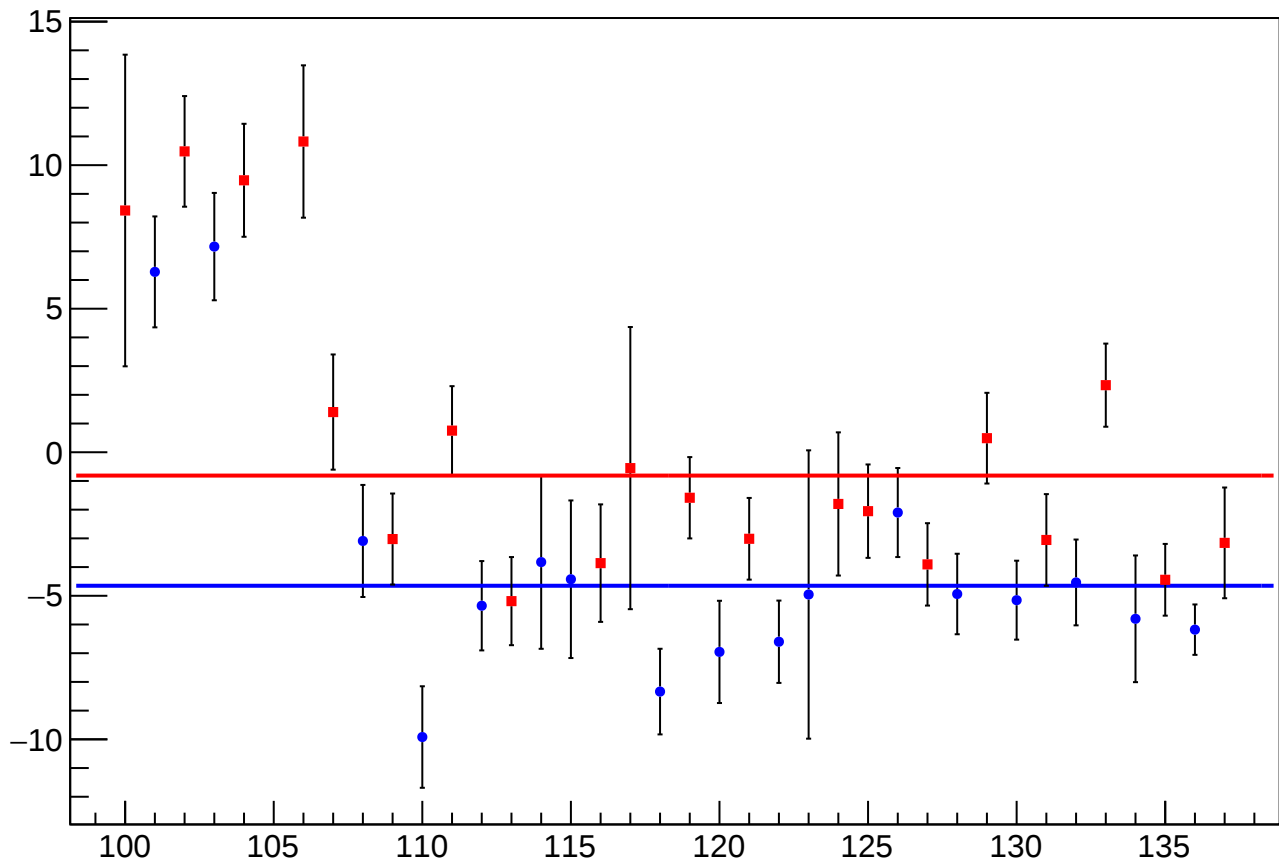
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6881.393+/-1.405 χ^2/NDF : 3901197.8/36

6578.773+/-1.885 χ^2/NDF : 2206772.9/19

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: -0.813 ± 0.387 χ^2/NDF : 123.7/19

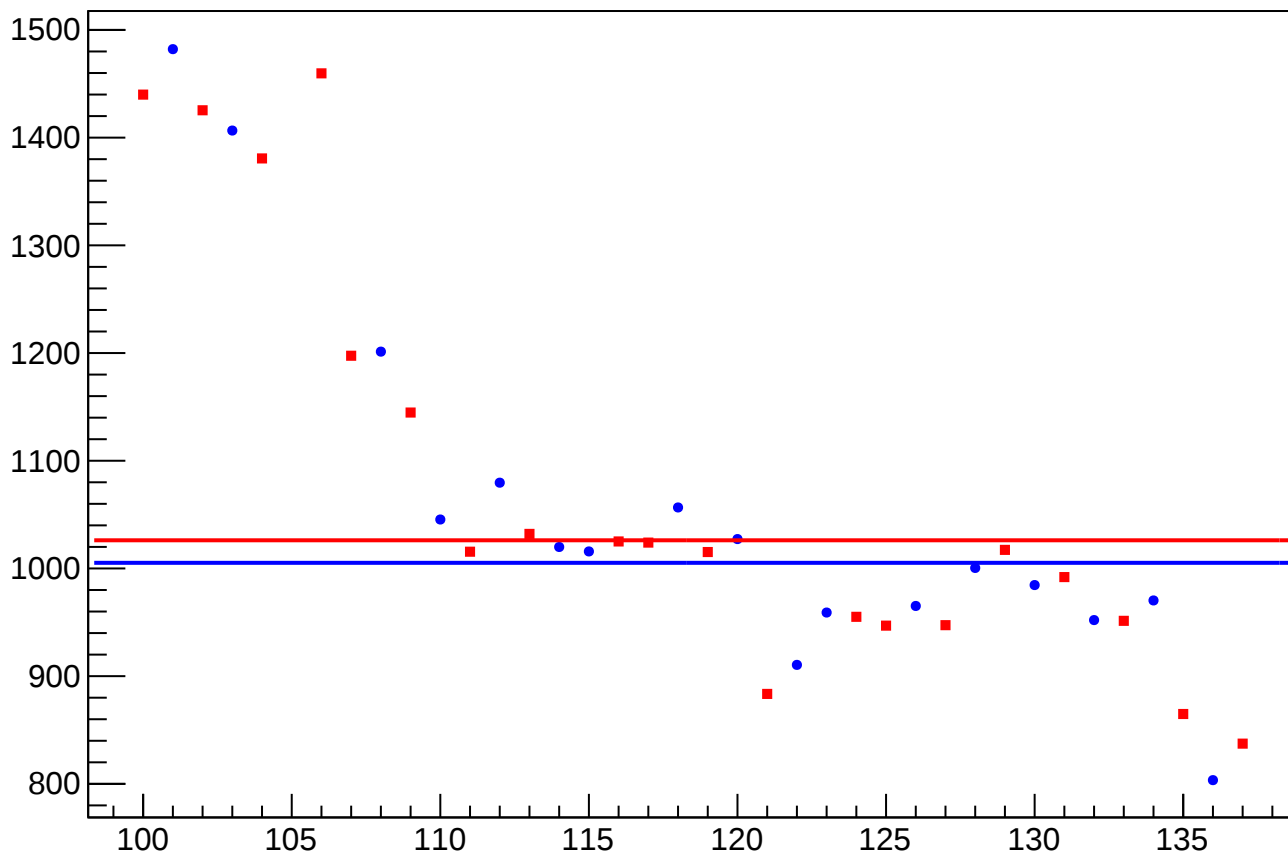
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.651 ± 0.393 χ^2/NDF : 97.6/16

-2.705 ± 0.276 χ^2/NDF : 269.7/36

-0.813 ± 0.387 χ^2/NDF : 123.7/19

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: 1026.145+/-0.274 χ^2/NDF : 333119.4/19

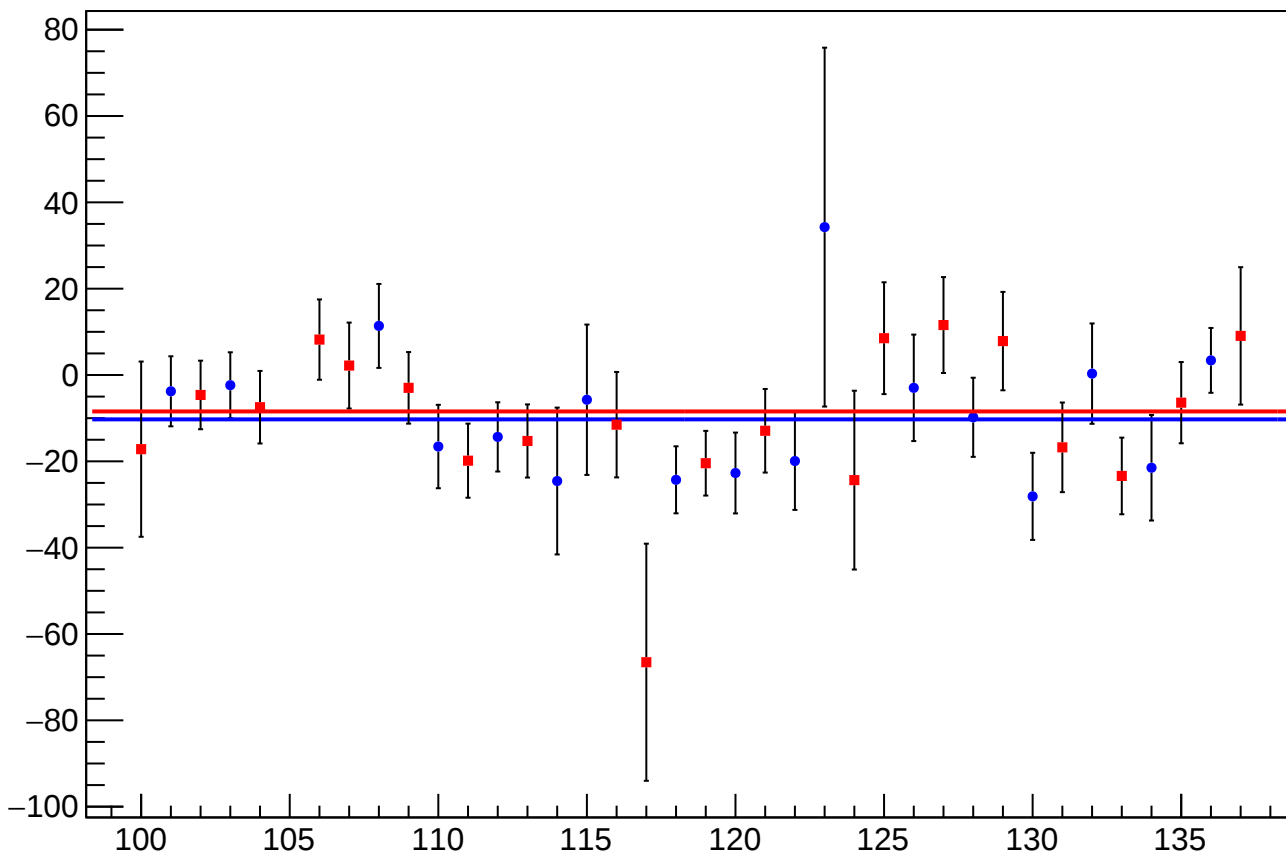
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1015.829+/-0.195 χ^2/NDF : 697951.0/36

1026.145+/-0.274 χ^2/NDF : 333119.4/19

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: -8.441+/-2.271 χ^2/NDF : 27.3/19

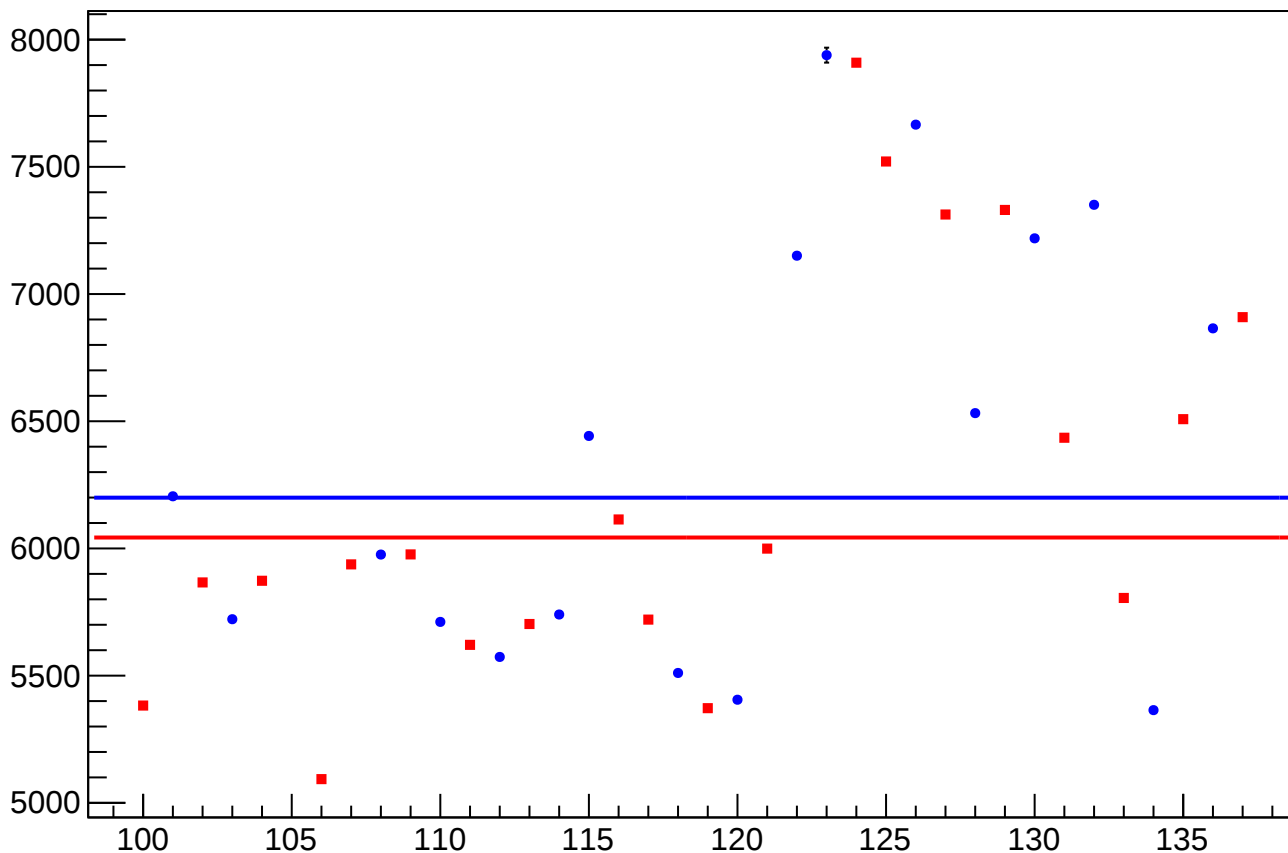
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.277+/-2.408 χ^2/NDF : 23.5/16

-9.305+/-1.652 χ^2/NDF : 51.1/36

-8.441+/-2.271 χ^2/NDF : 27.3/19

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: 6042.952 $\pm$ 1.606 χ^2 /NDF: 158600.9/19

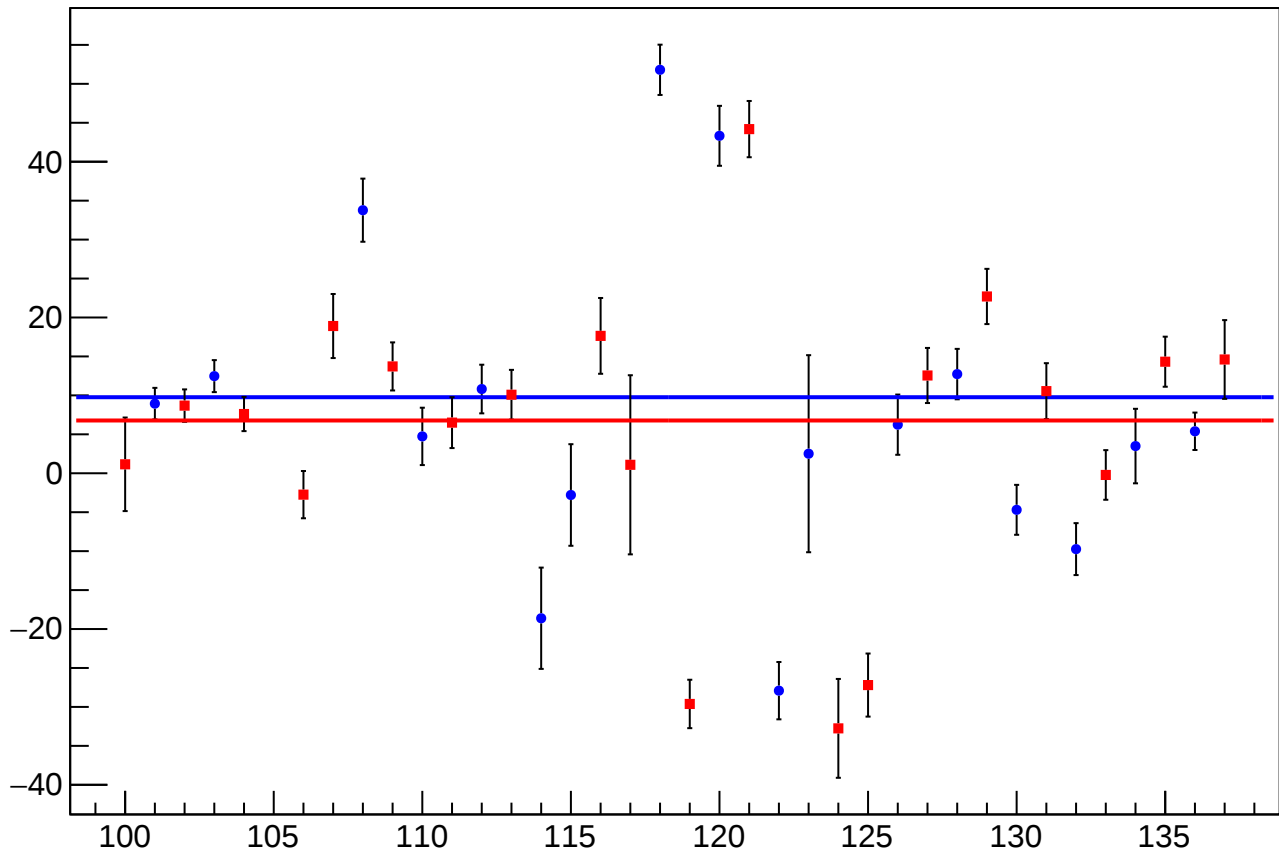
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

6116.694 $\pm$ 1.168 χ^2 /NDF: 334843.0/36

6042.952 $\pm$ 1.606 χ^2 /NDF: 158600.9/19

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 9.764+/-0.797 χ^2/NDF : 473.8/16

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

Right Out: 6.776+/-0.763 χ^2/NDF : 422.1/19

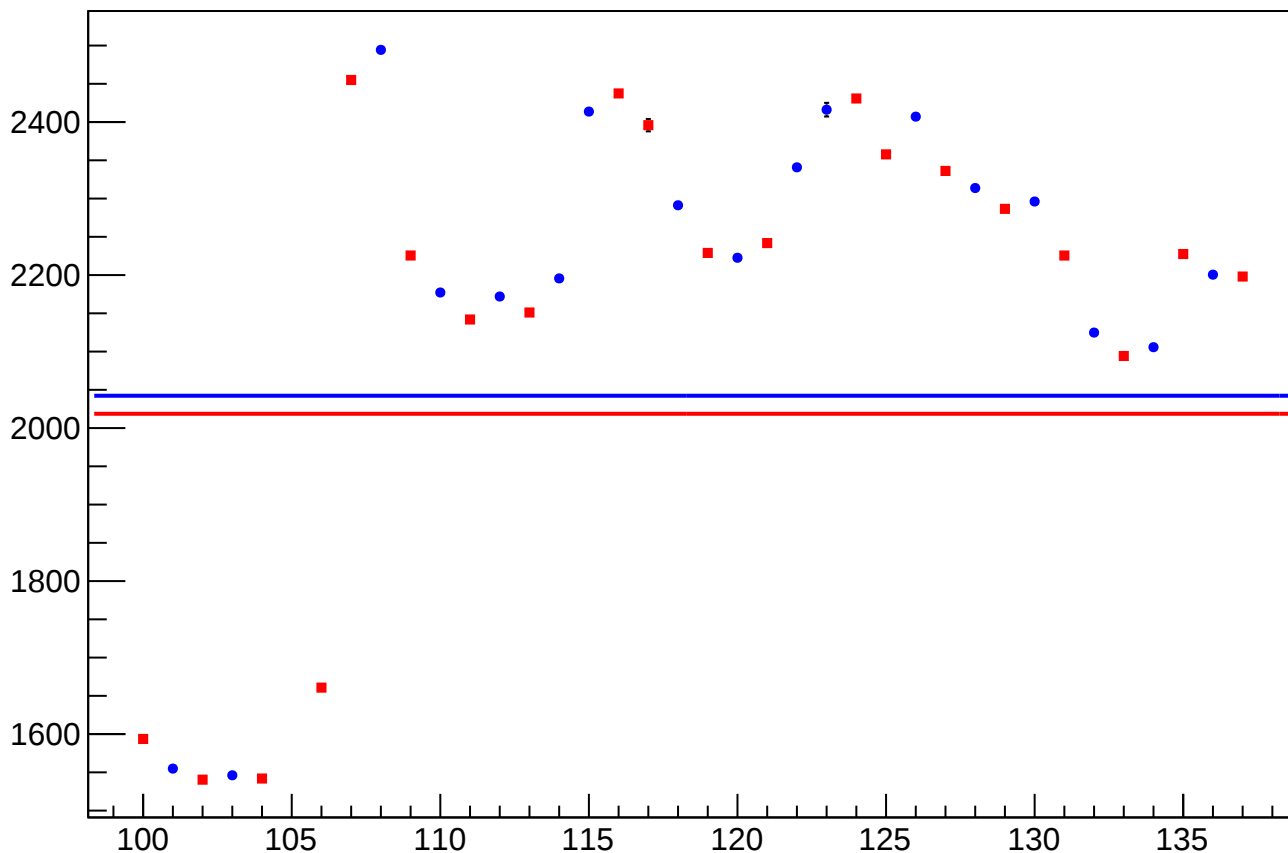
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.764+/-0.797 χ^2/NDF : 473.8/16

8.205+/-0.551 χ^2/NDF : 903.2/36

6.776+/-0.763 χ^2/NDF : 422.1/19

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: 2018.694+/-0.540 χ^2/NDF : 377792.4/19

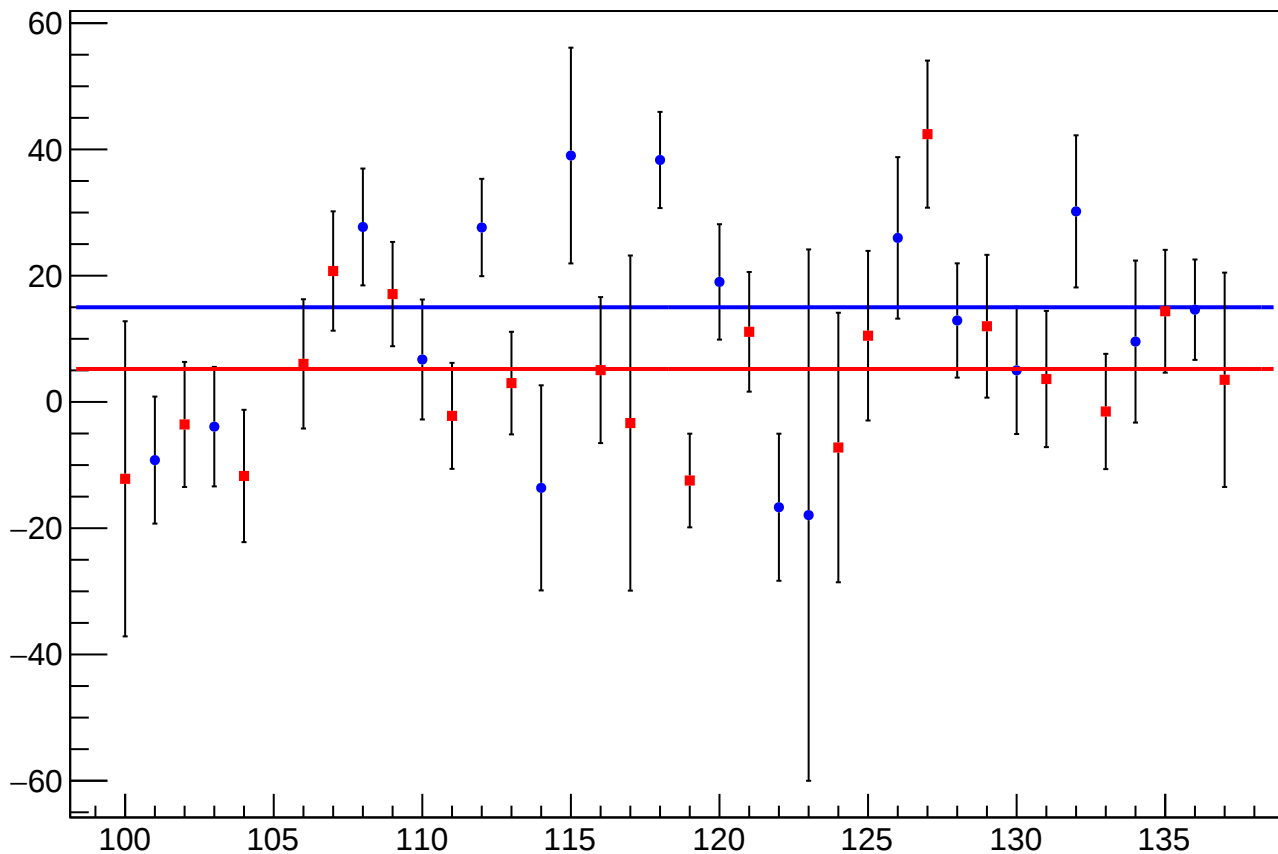
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2042.269+/-0.563 χ^2/NDF : 356820.1/16

2029.971+/-0.390 χ^2/NDF : 735525.6/36

2018.694+/-0.540 χ^2/NDF : 377792.4/19

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: 5.223 $\pm$ 2.348 χ^2 /NDF: 28.2/19

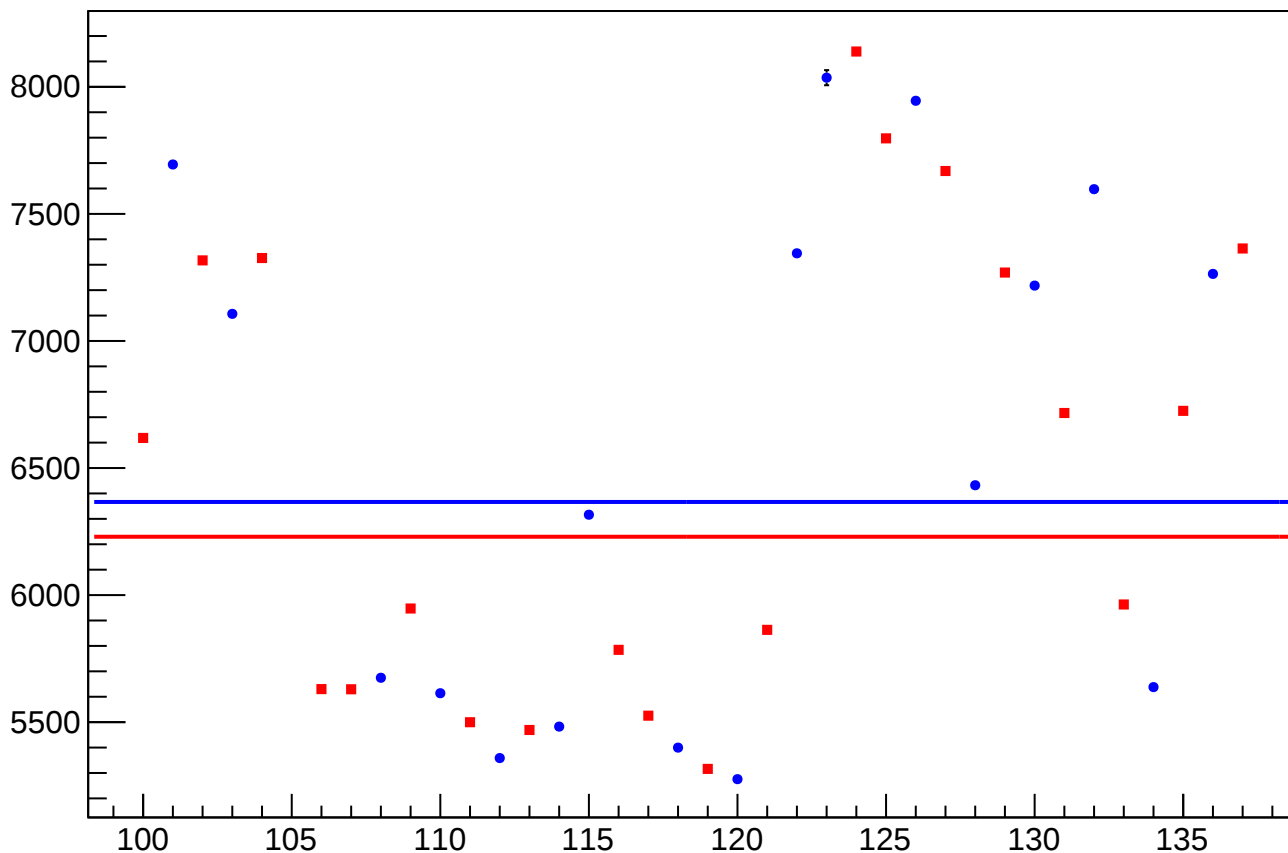
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.997 $\pm$ 2.485 χ^2 /NDF: 41.3/16

9.833 $\pm$ 1.707 χ^2 /NDF: 77.7/36

5.223 $\pm$ 2.348 χ^2 /NDF: 28.2/19

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: 6229.625+/-1.660 χ^2/NDF : 244622.7/19

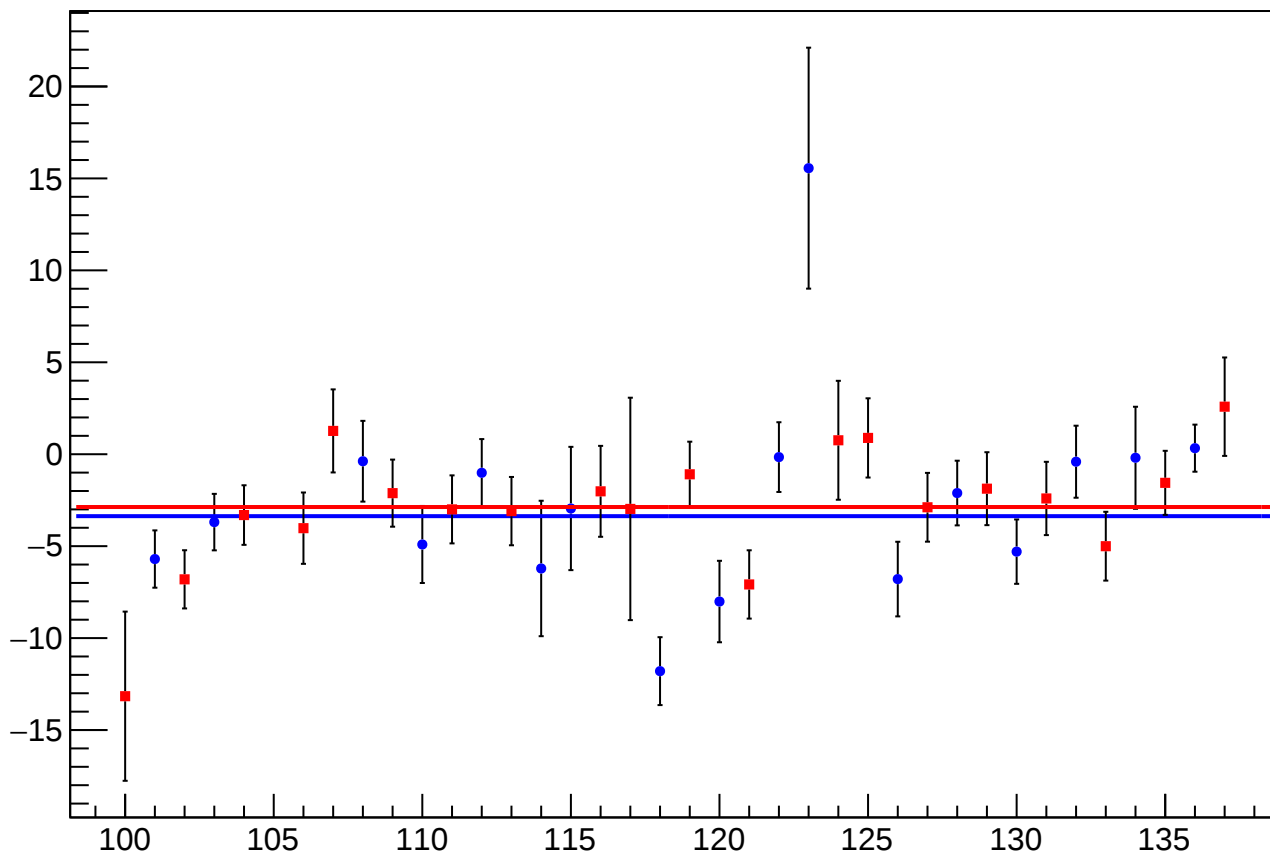
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6294.177+/-1.207 χ^2/NDF : 534322.0/36

6229.625+/-1.660 χ^2/NDF : 244622.7/19

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: -2.871+/-0.455 χ^2/NDF : 32.0/19

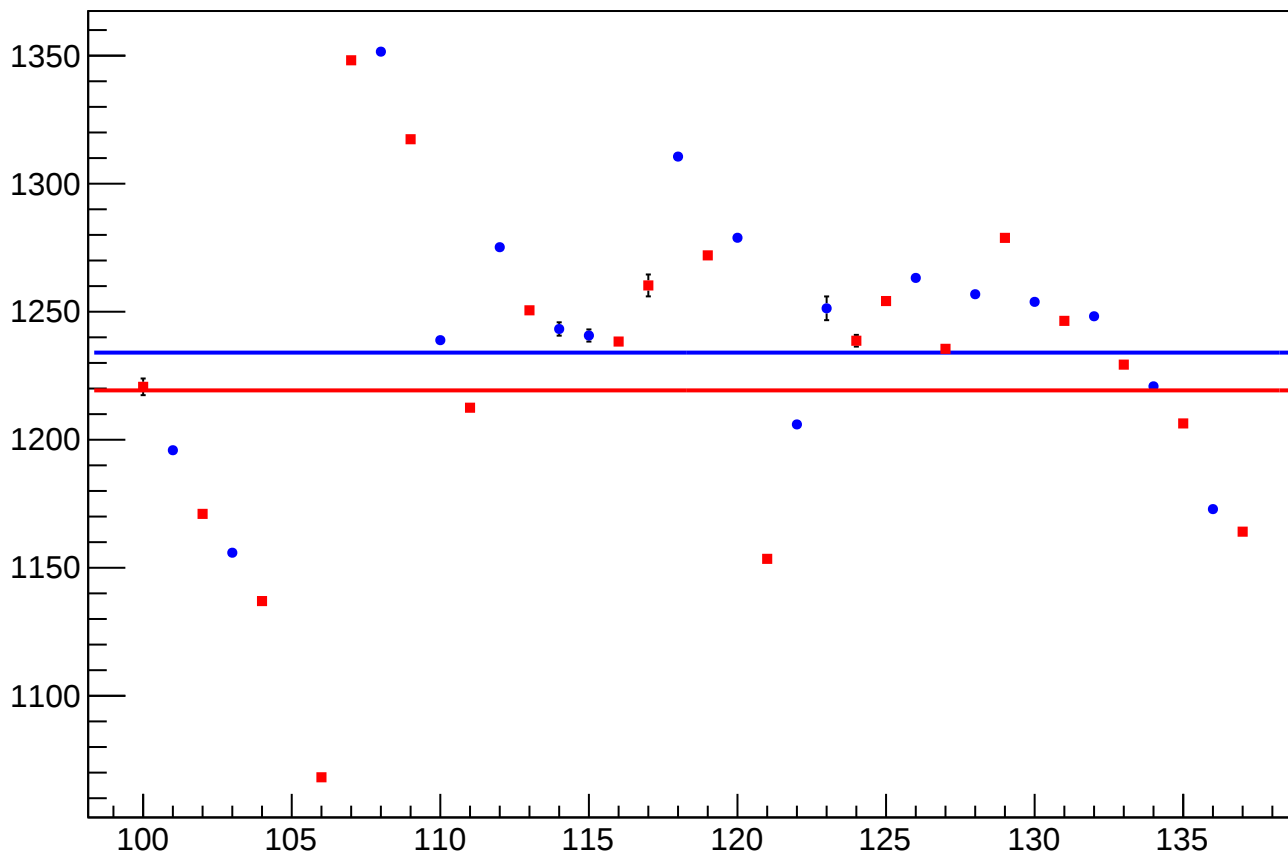
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.368+/-0.476 χ^2/NDF : 59.9/16

-3.109+/-0.329 χ^2/NDF : 92.5/36

-2.871+/-0.455 χ^2/NDF : 32.0/19

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: 1219.275 $\pm$ 0.322 χ^2 /NDF: 40462.8/19

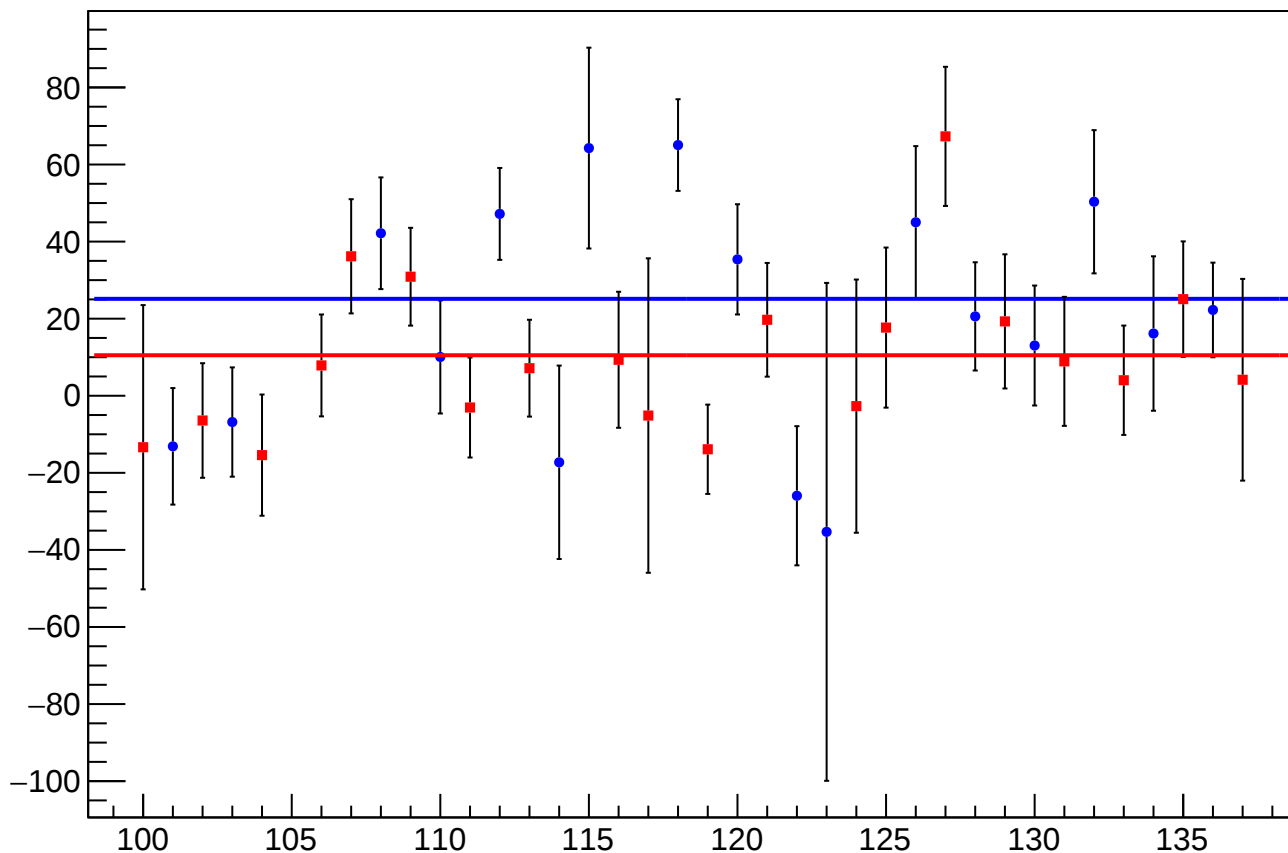
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1226.330 $\pm$ 0.232 χ^2 /NDF: 65033.4/36

1219.275 $\pm$ 0.322 χ^2 /NDF: 40462.8/19

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: 10.513+/-3.581 χ^2 /NDF: 27.8/19

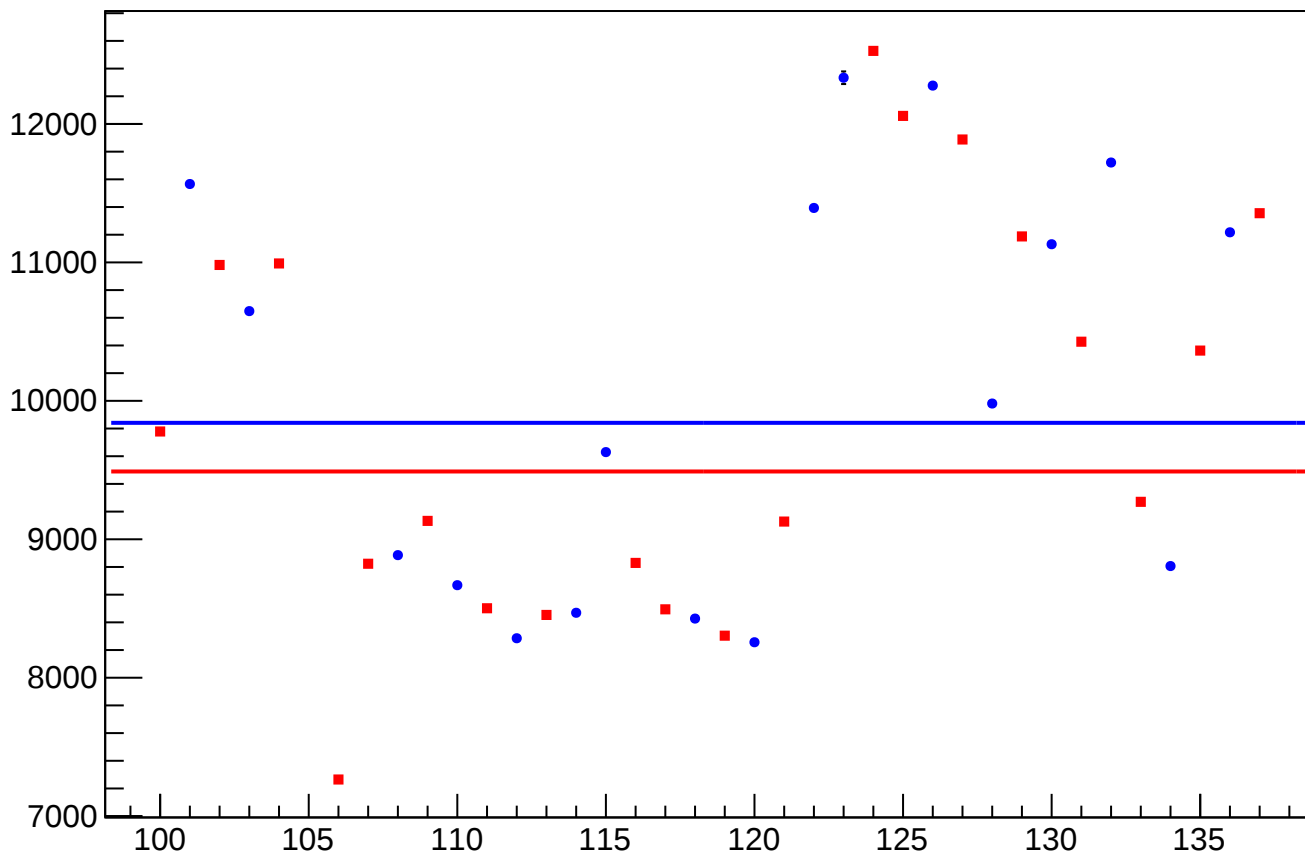
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

25.149+/-3.837 χ^2 /NDF: 46.9/16

17.325+/-2.618 χ^2 /NDF: 82.6/36

10.513+/-3.581 χ^2 /NDF: 27.8/19

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: 9489.753+/-2.532 χ^2/NDF : 277900.5/19

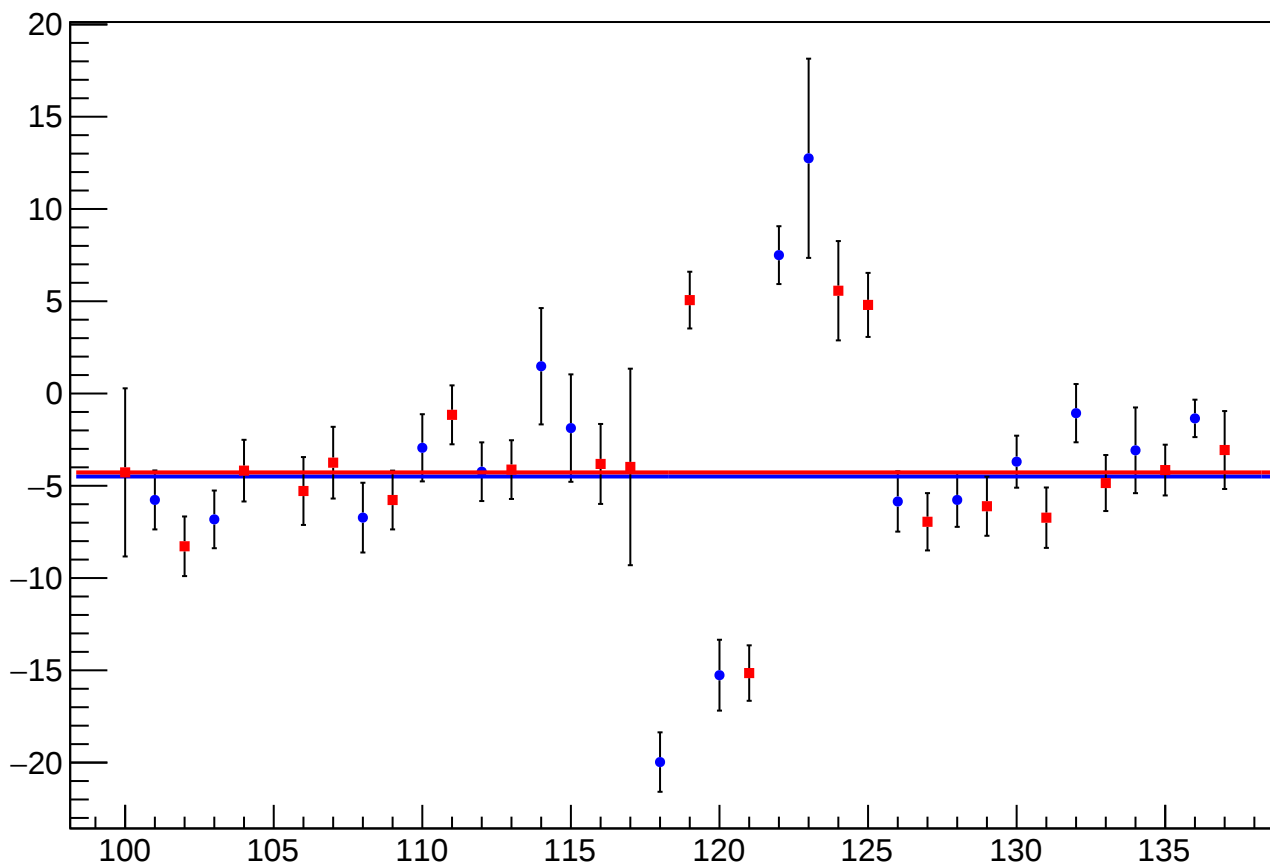
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

9653.323+/-1.851 χ^2/NDF : 546929.0/36

9489.753+/-2.532 χ^2/NDF : 277900.5/19

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: -4.275+/-0.393 χ^2/NDF : 148.2/19

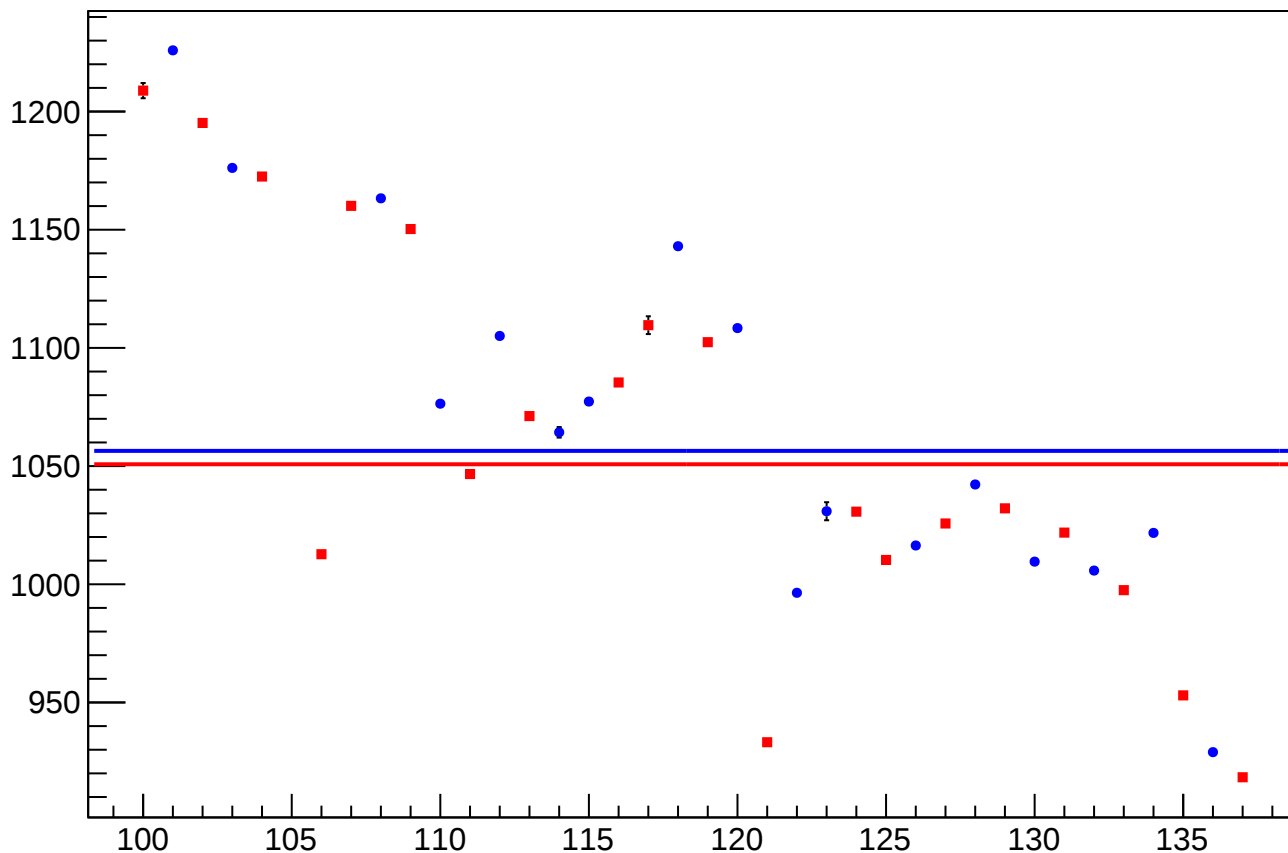
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.497+/-0.408 χ^2/NDF : 218.4/16

-4.382+/-0.283 χ^2/NDF : 366.8/36

-4.275+/-0.393 χ^2/NDF : 148.2/19

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: 1050.765 $\pm$ 0.278 χ^2 /NDF: 82642.2/19

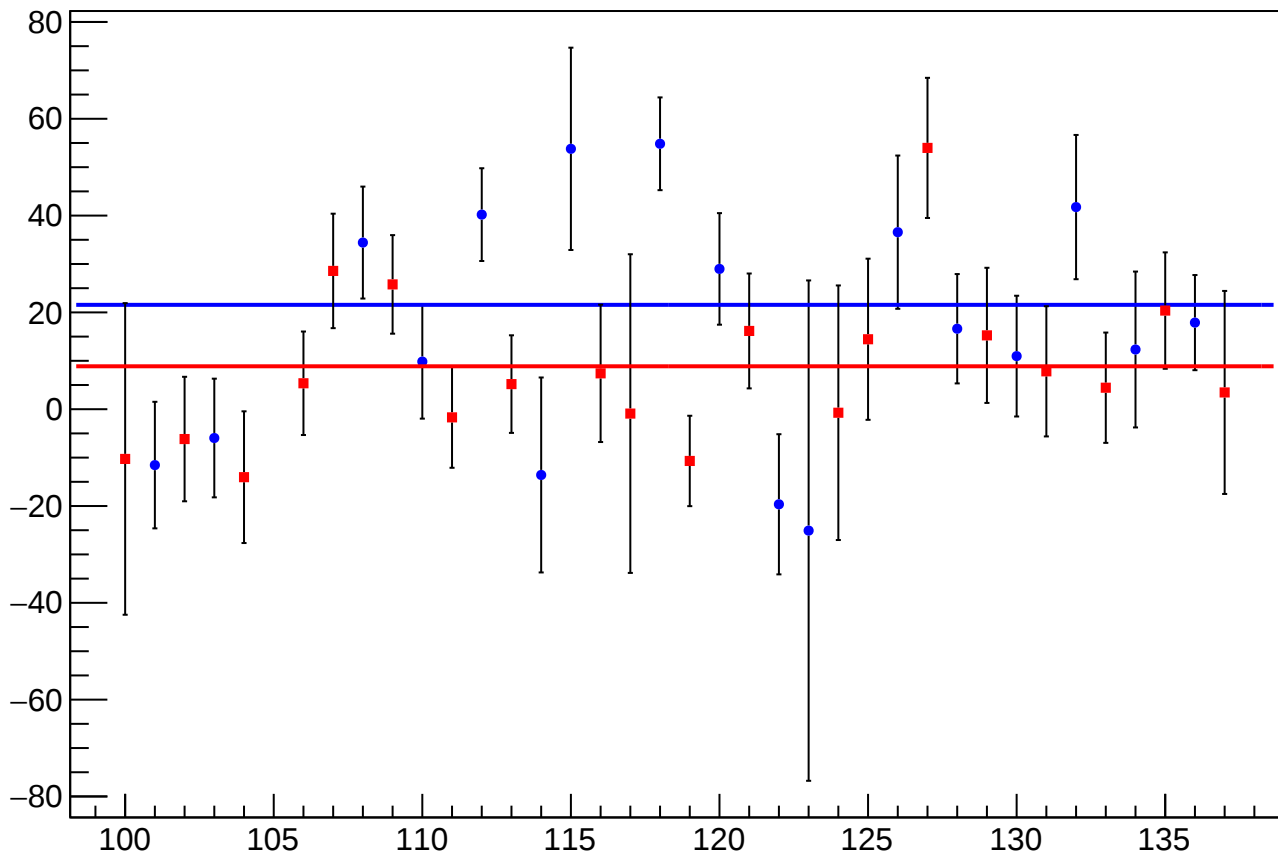
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1053.492 $\pm$ 0.200 χ^2 /NDF: 173615.6/36

1050.765 $\pm$ 0.278 χ^2 /NDF: 82642.2/19

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: 8.867+/-2.901 χ^2 /NDF: 27.5/19

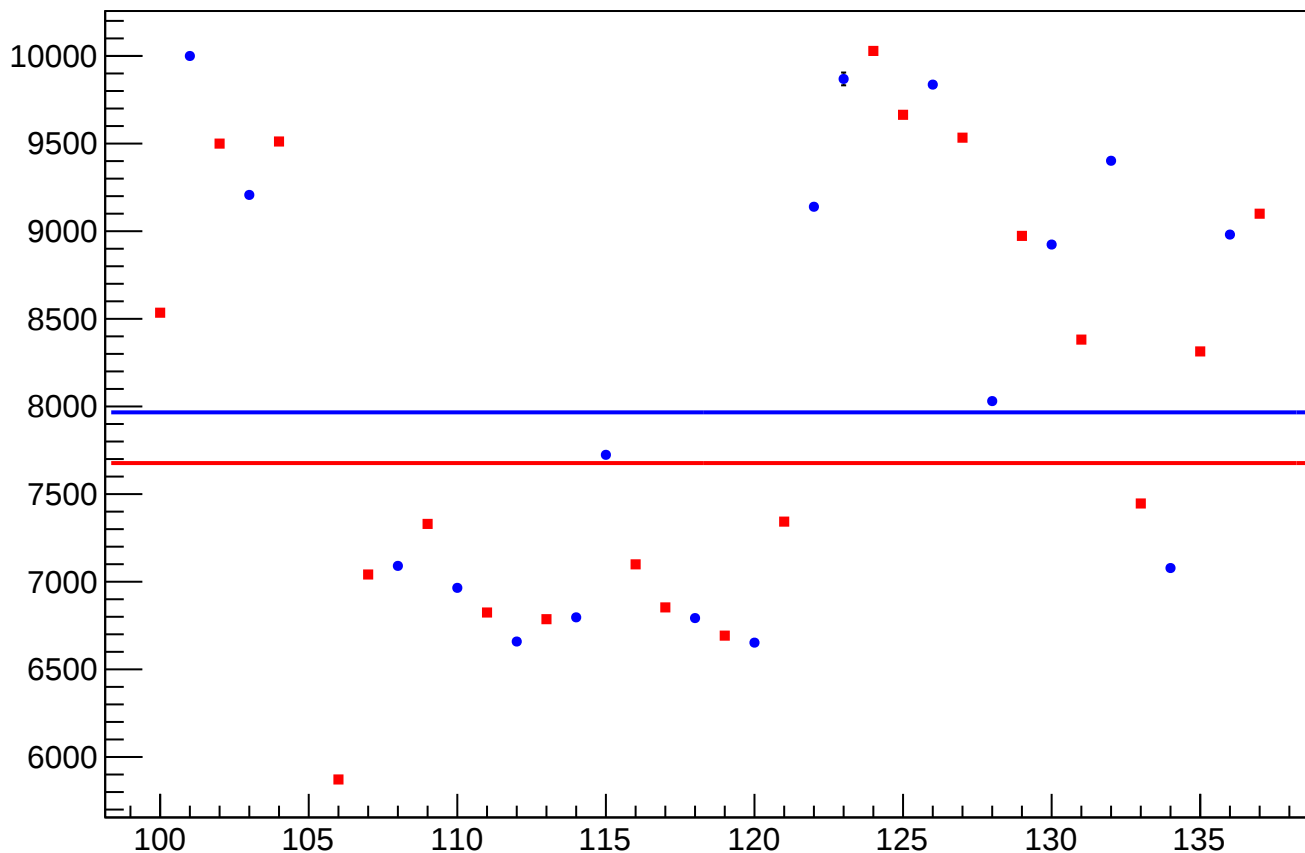
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

21.561+/-3.110 χ^2 /NDF: 48.4/16

14.771+/-2.121 χ^2 /NDF: 84.8/36

8.867+/-2.901 χ^2 /NDF: 27.5/19

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: 7677.035 $\pm$ 2.051 χ^2 /NDF: 316295.2/19

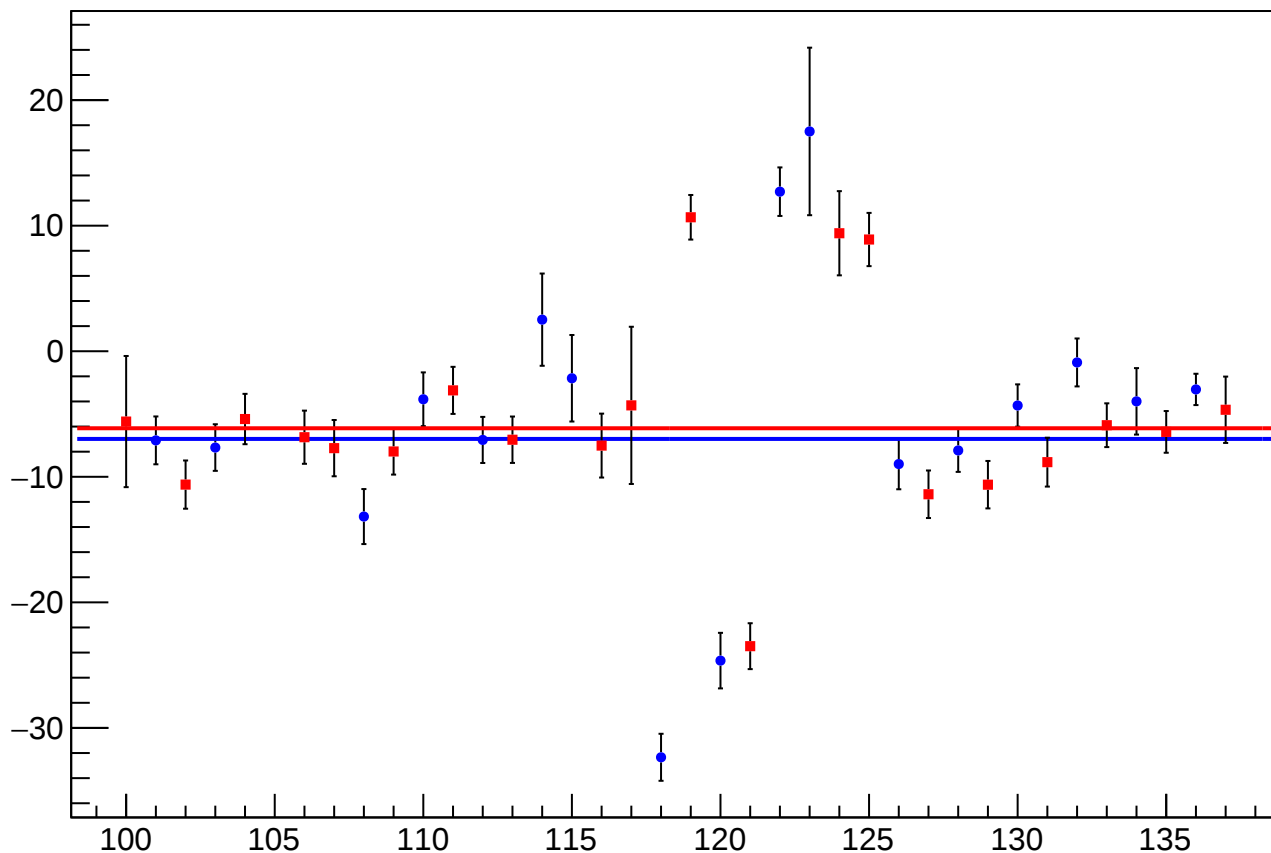
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

7811.632 $\pm$ 1.500 χ^2 /NDF: 622165.2/36

7677.035 $\pm$ 2.051 χ^2 /NDF: 316295.2/19

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: -6.135 ± 0.465 χ^2/NDF : 277.6/19

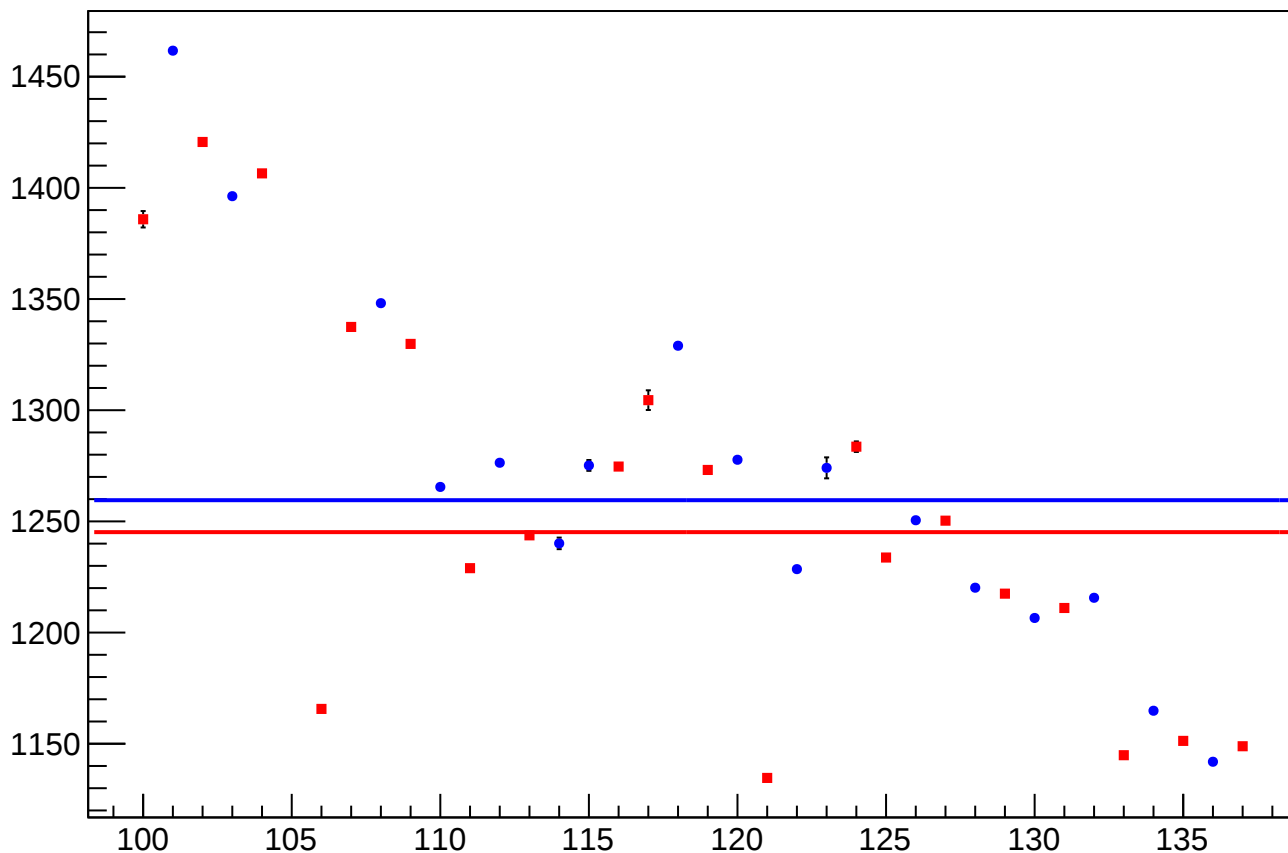
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.984 ± 0.486 χ^2/NDF : 408.5/16

-6.541 ± 0.336 χ^2/NDF : 687.7/36

-6.135 ± 0.465 χ^2/NDF : 277.6/19

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: 1245.167+/-0.329 χ^2/NDF : 67006.8/19

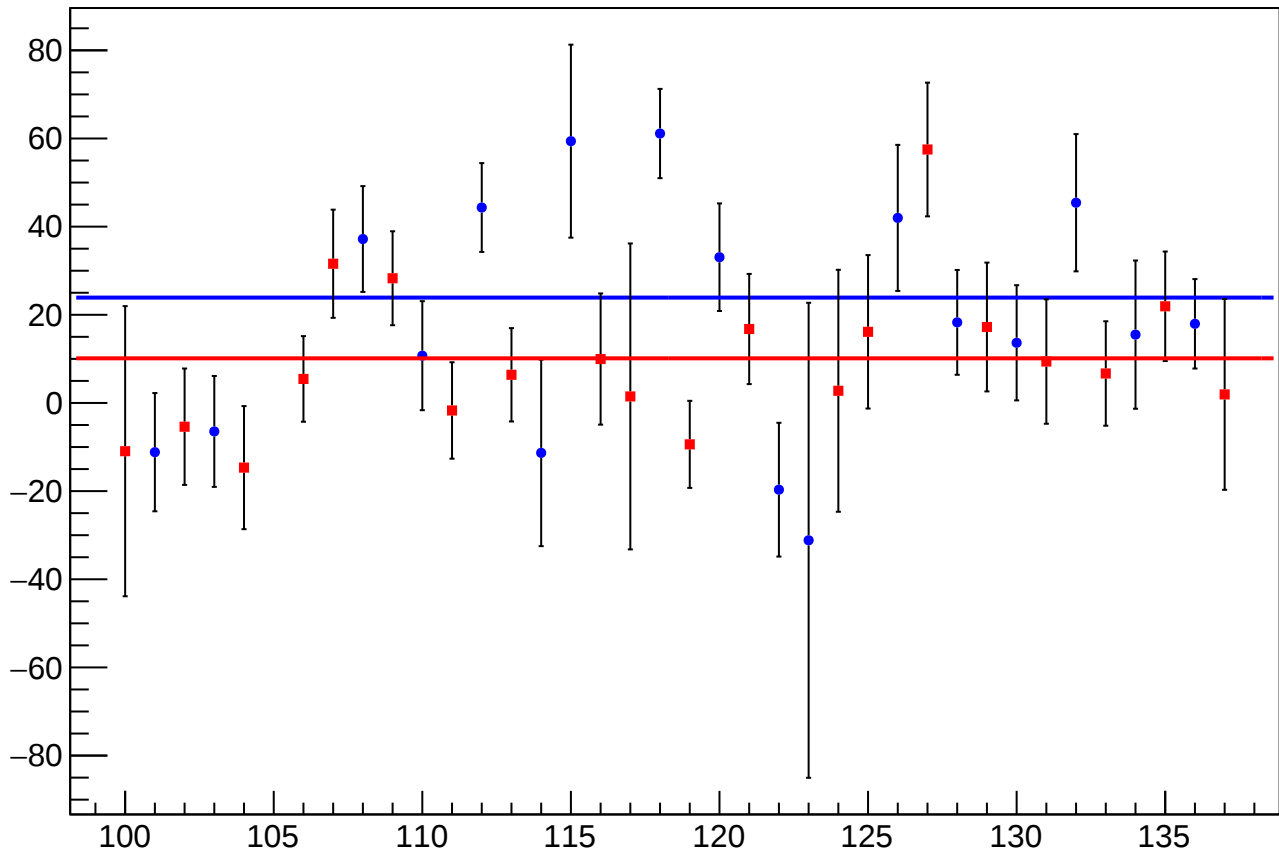
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1259.531+/-0.344 χ^2/NDF : 64844.4/16

1252.035+/-0.238 χ^2/NDF : 132762.3/36

1245.167+/-0.329 χ^2/NDF : 67006.8/19

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: 10.125 $\pm$ 2.994 χ^2 /NDF: 28.0/19

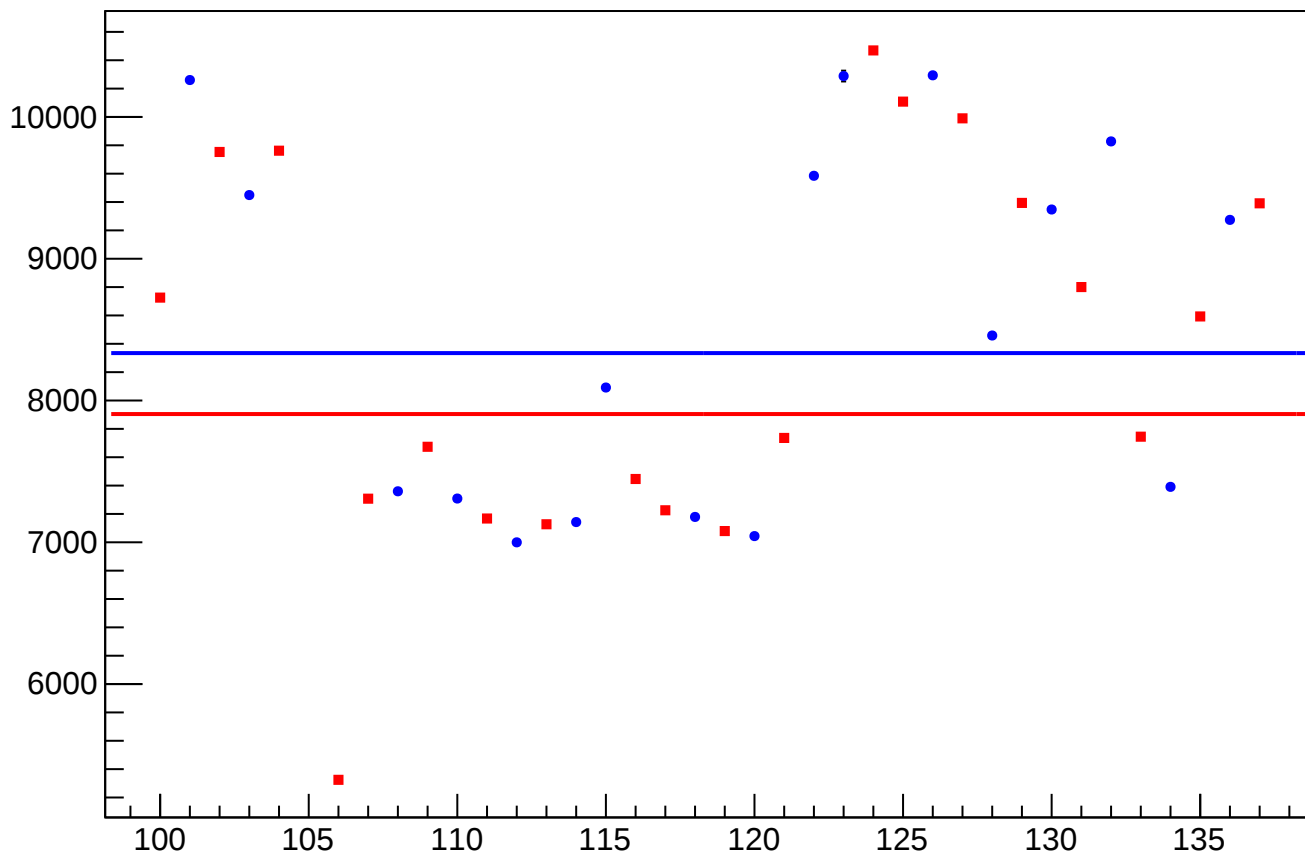
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.904 $\pm$ 3.251 χ^2 /NDF: 52.4/16

16.450 $\pm$ 2.202 χ^2 /NDF: 90.2/36

10.125 $\pm$ 2.994 χ^2 /NDF: 28.0/19

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: 7904.529 $\pm$ 2.117 χ^2 /NDF: 391589.9/19

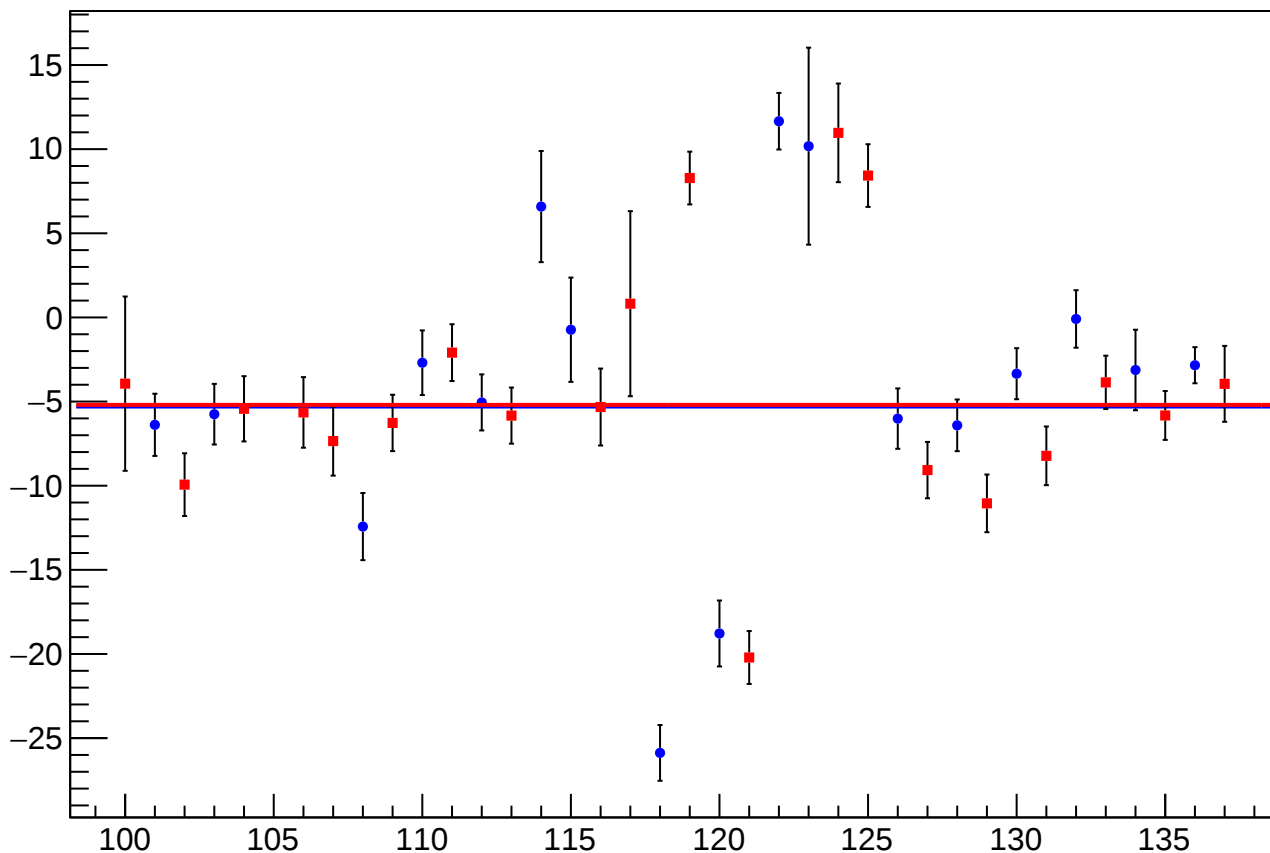
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

8101.908 $\pm$ 1.557 χ^2 /NDF: 682823.1/36

7904.529 $\pm$ 2.117 χ^2 /NDF: 391589.9/19

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: -5.198+/-0.420 χ^2/NDF : 283.1/19

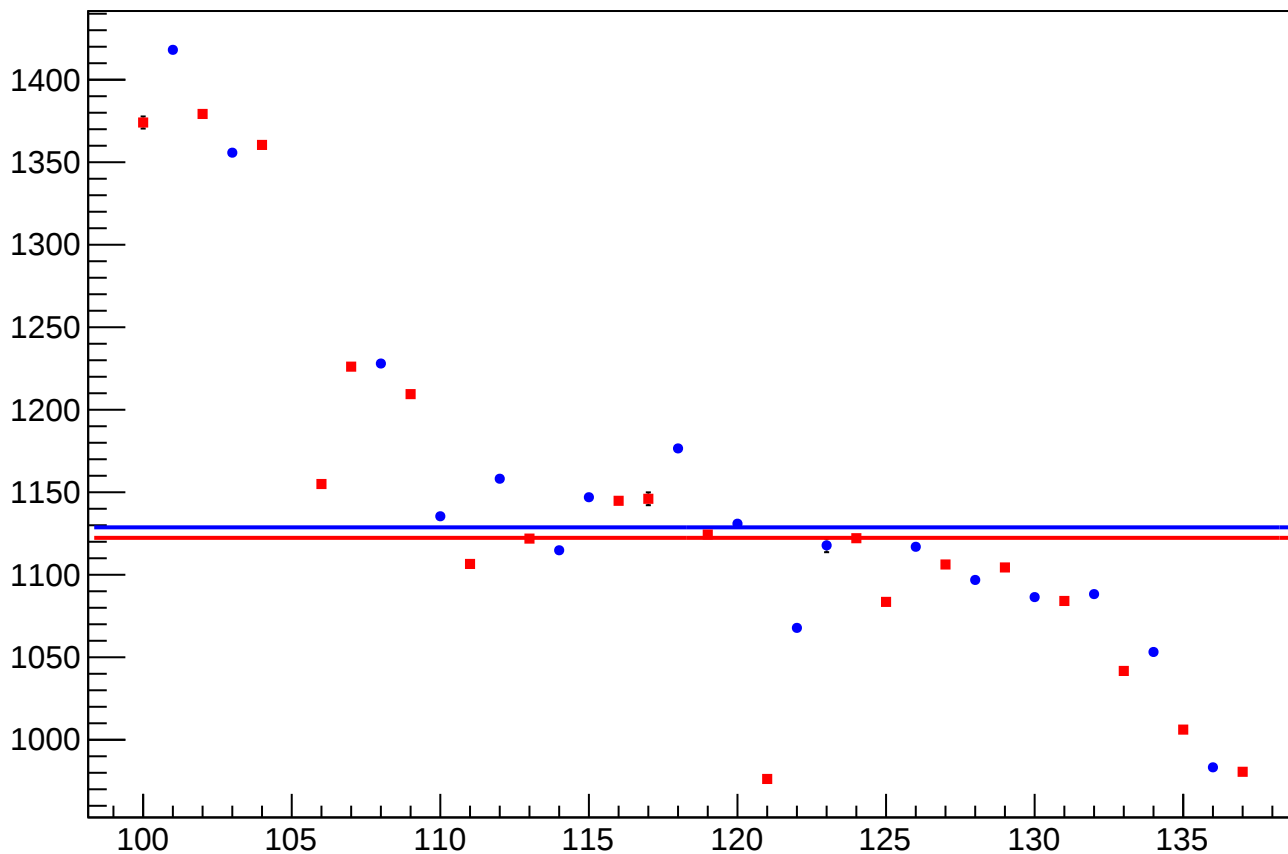
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.295+/-0.437 χ^2/NDF : 358.1/16

-5.245+/-0.303 χ^2/NDF : 641.2/36

-5.198+/-0.420 χ^2/NDF : 283.1/19

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: 1122.377 $\pm$ 0.297 χ^2 /NDF: 129638.9/19

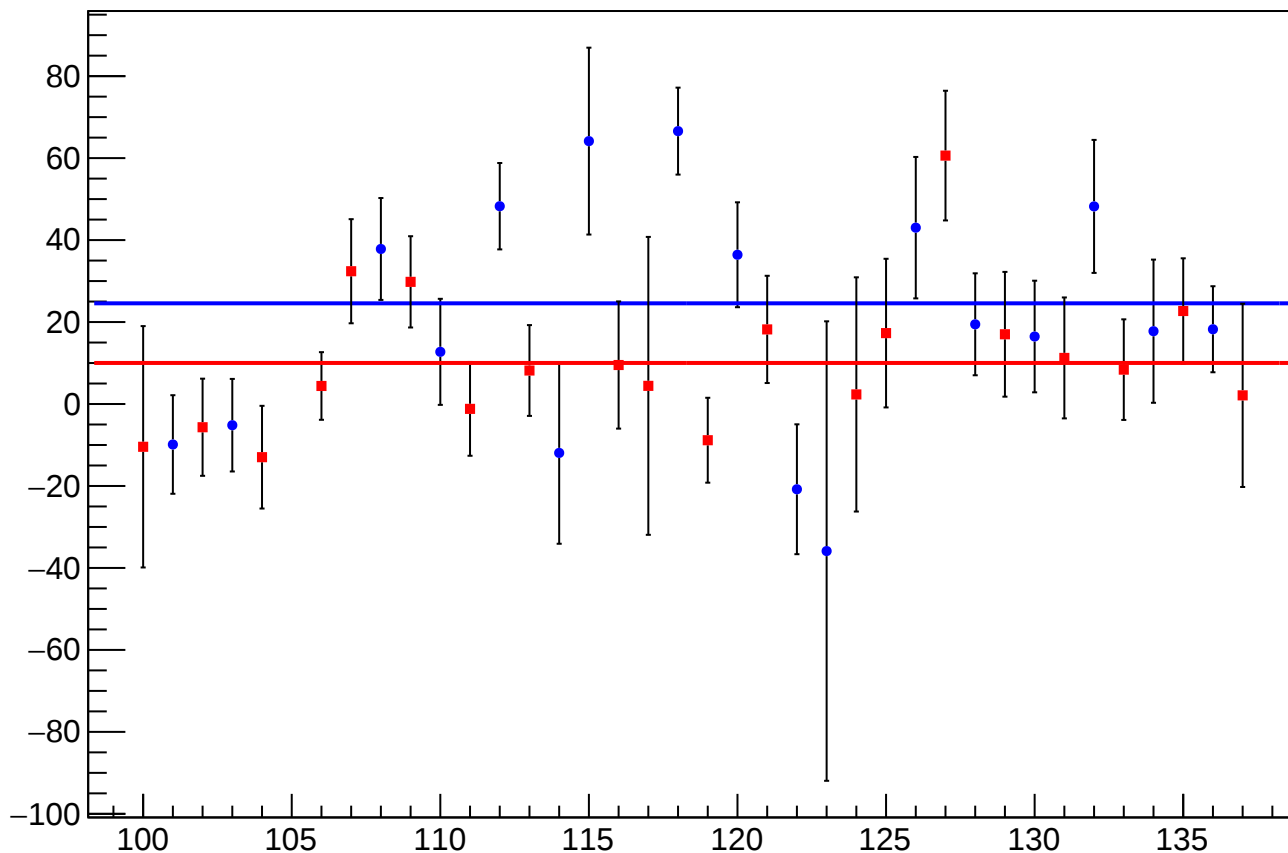
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1125.437 $\pm$ 0.214 χ^2 /NDF: 262956.0/36

1122.377 $\pm$ 0.297 χ^2 /NDF: 129638.9/19

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: 10.019+/-2.997 χ^2 /NDF: 28.8/19

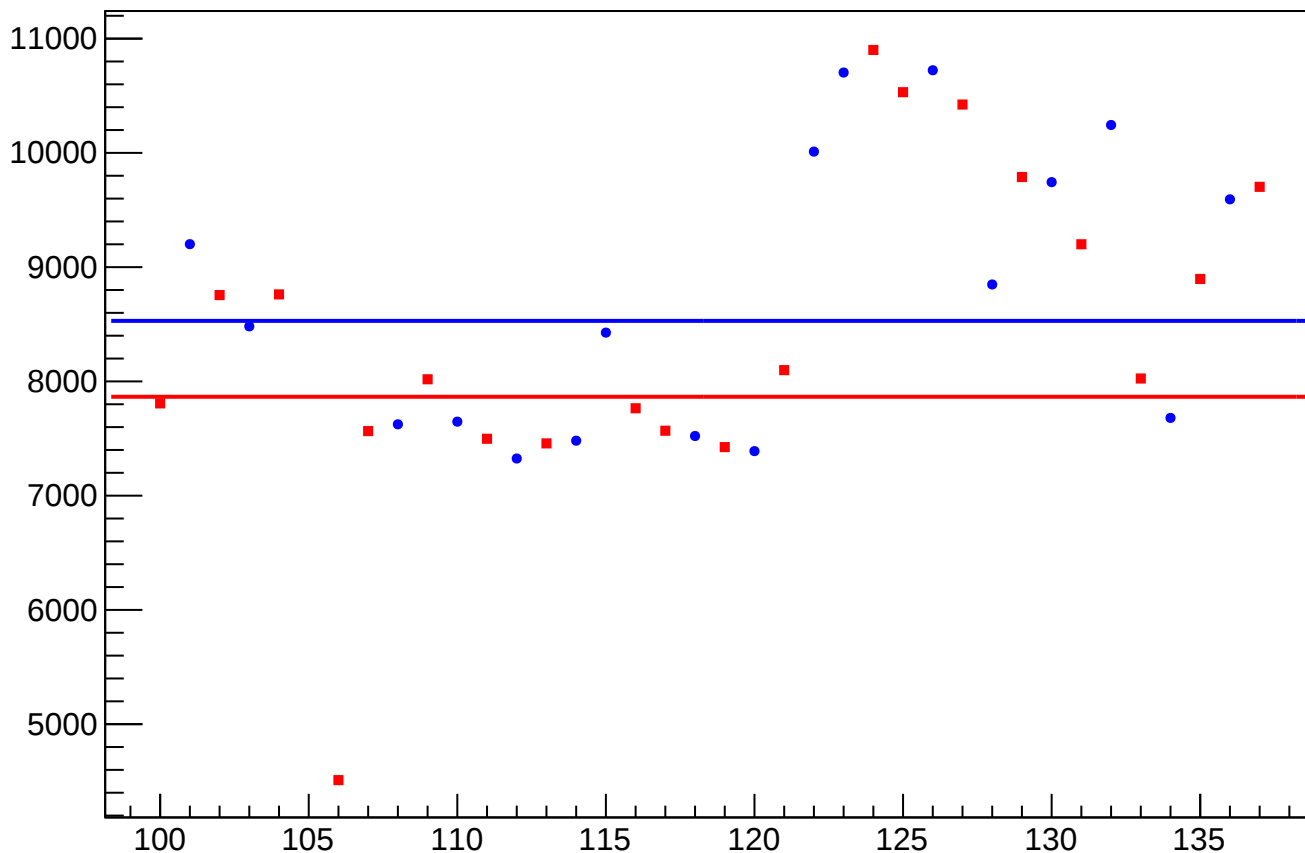
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

24.569+/-3.318 χ^2 /NDF: 58.1/16

16.556+/-2.224 χ^2 /NDF: 97.5/36

10.019+/-2.997 χ^2 /NDF: 28.8/19

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8529.821+/-2.346 χ^2/NDF : 208336.1/16

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

Right Out: 7865.549+/-2.119 χ^2/NDF : 555976.4/19

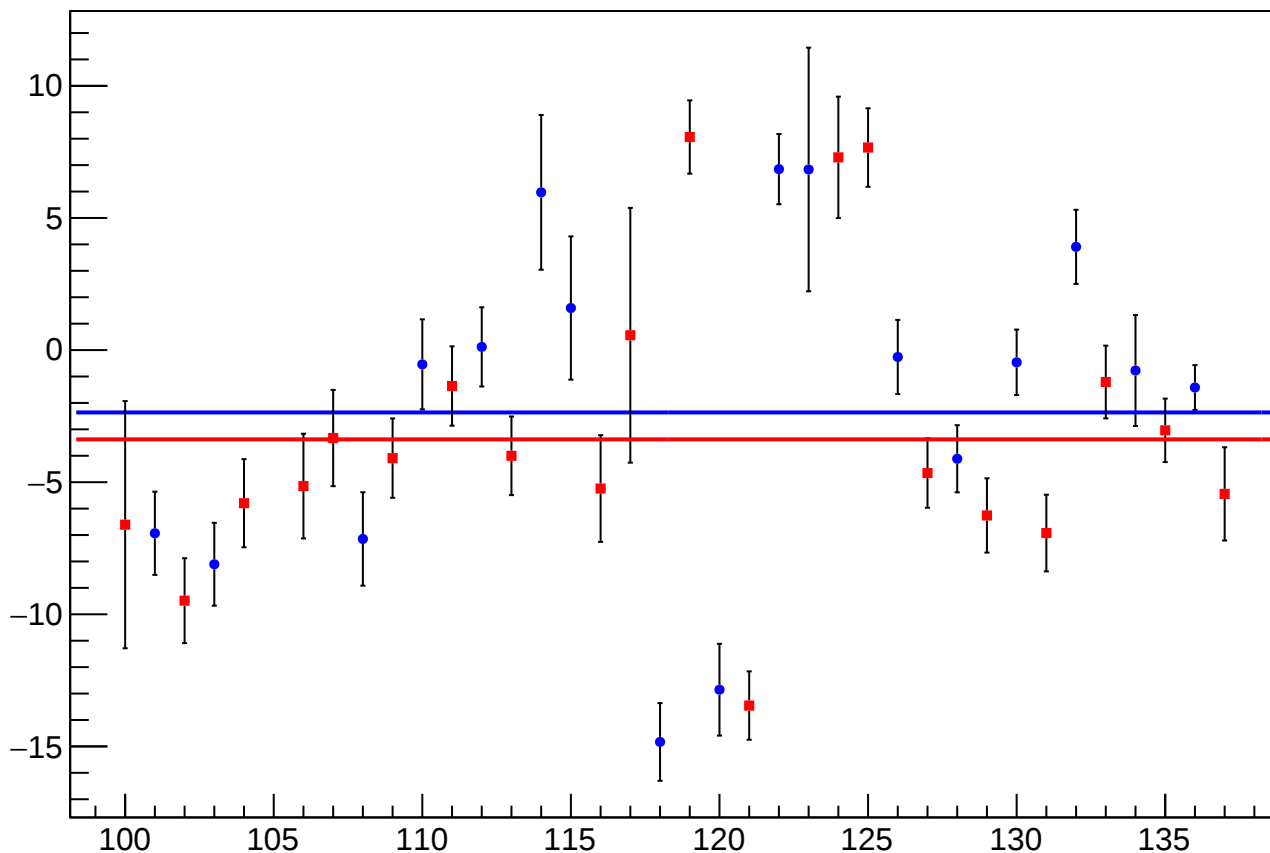
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8529.821+/-2.346 χ^2/NDF : 208336.1/16

8164.013+/-1.573 χ^2/NDF : 808447.0/36

7865.549+/-2.119 χ^2/NDF : 555976.4/19

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.360+/-0.366 χ^2/NDF : 232.0/16

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

Right Out: -3.379+/-0.357 χ^2/NDF : 242.1/19

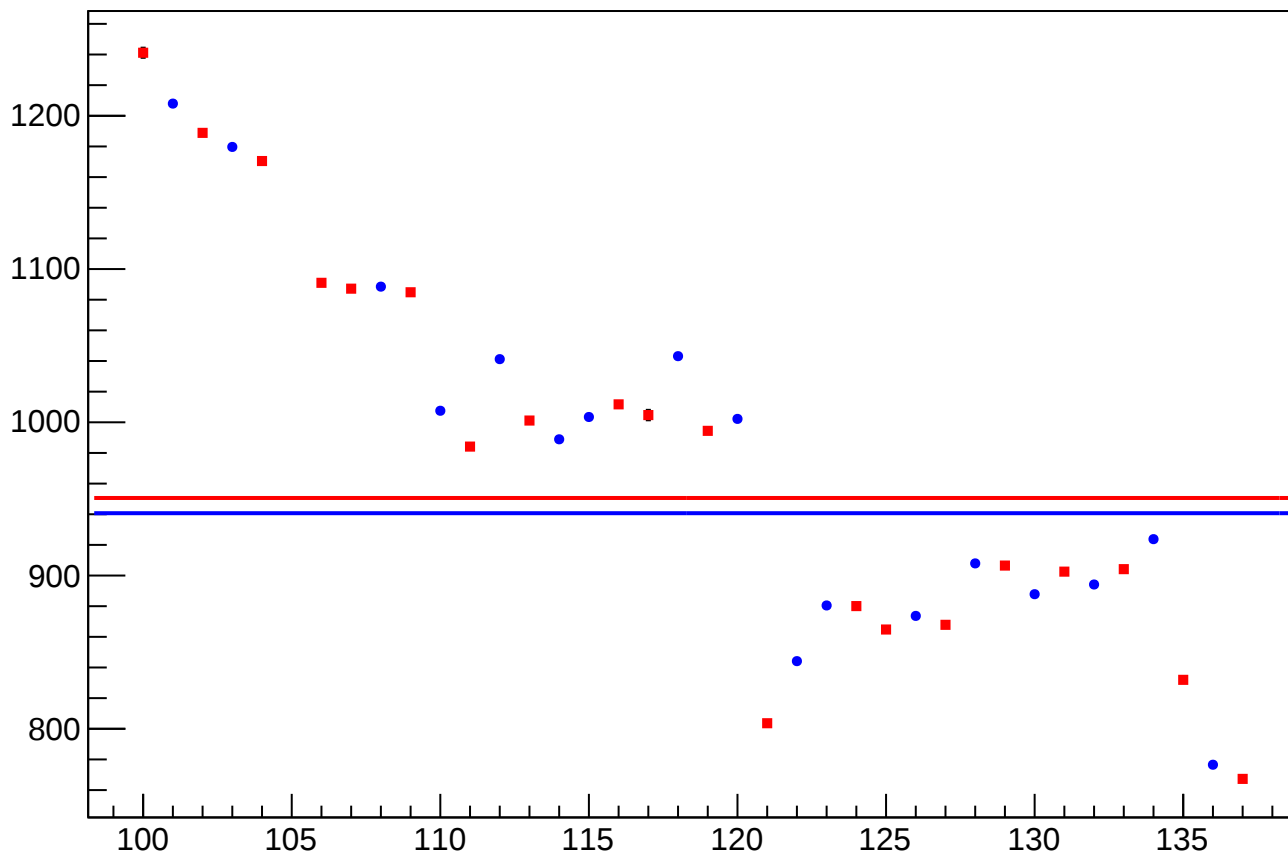
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.360+/-0.366 χ^2/NDF : 232.0/16

-2.881+/-0.255 χ^2/NDF : 478.1/36

-3.379+/-0.357 χ^2/NDF : 242.1/19

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: 950.615+/-0.253 χ^2/NDF : 220931.3/19

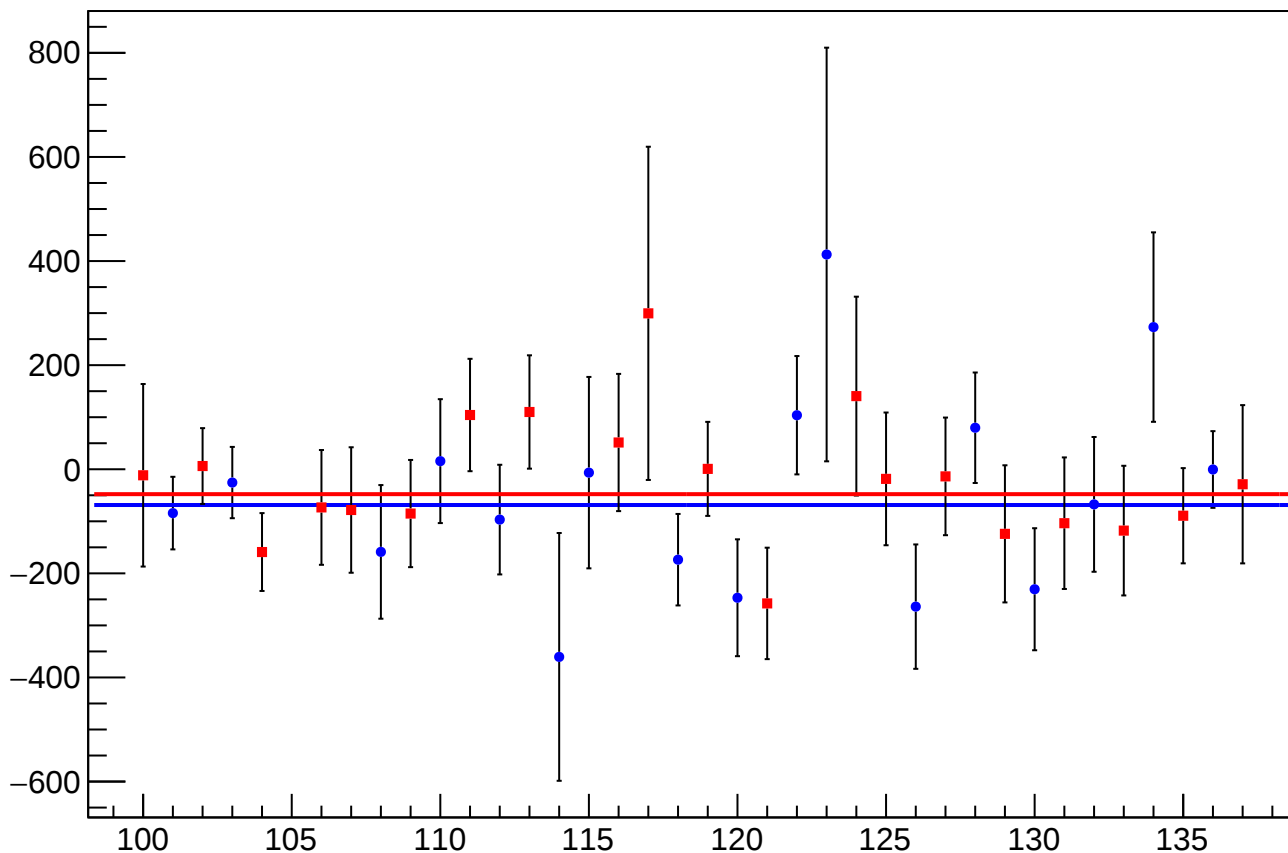
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

940.683+/-0.258 χ^2/NDF : 241768.4/16

945.763+/-0.181 χ^2/NDF : 463454.9/36

950.615+/-0.253 χ^2/NDF : 220931.3/19

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -68.688 ± 25.946 χ^2/NDF : 21.8/16

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

Right Out: -47.835 ± 24.944 χ^2/NDF : 15.2/19

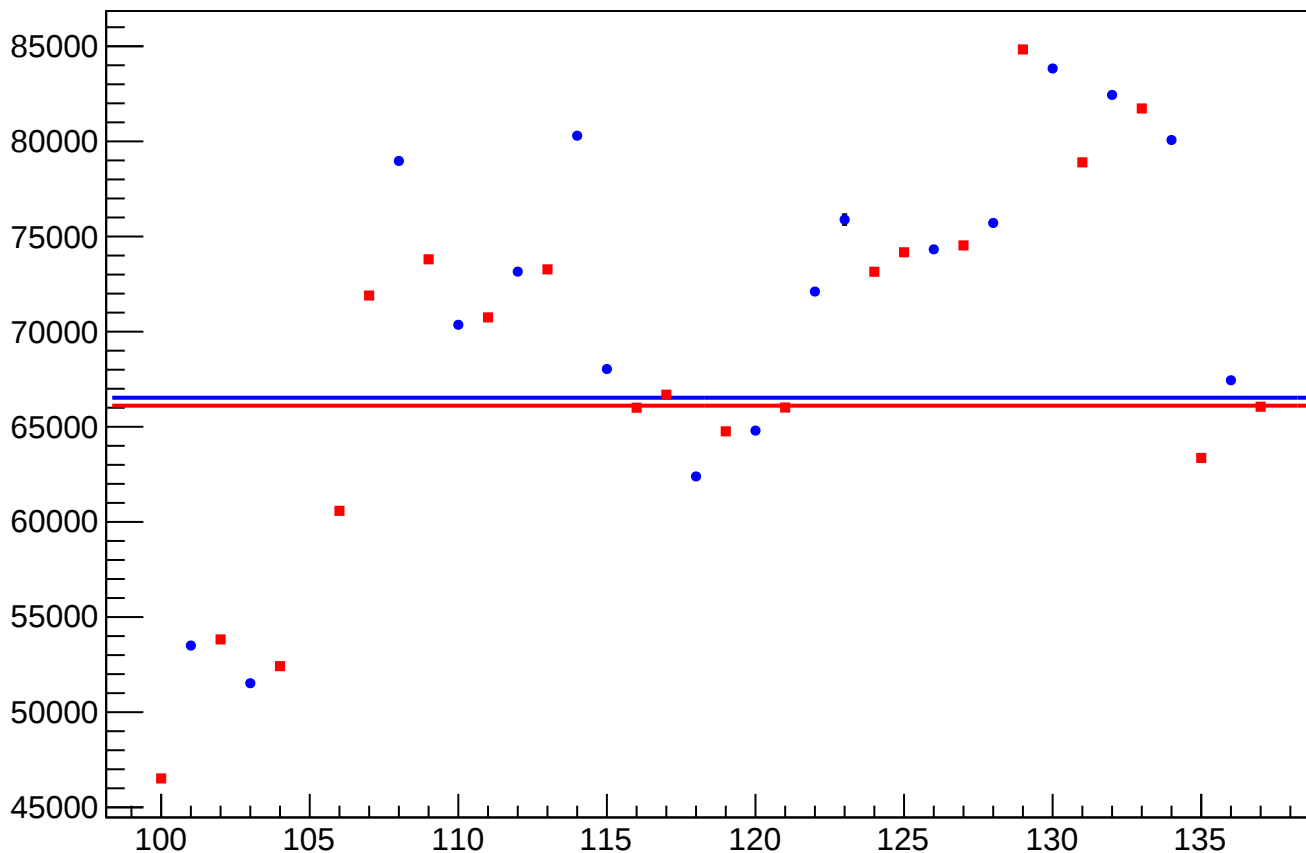
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-68.688 ± 25.946 χ^2/NDF : 21.8/16

-57.851 ± 17.982 χ^2/NDF : 37.3/36

-47.835 ± 24.944 χ^2/NDF : 15.2/19

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: 66109.383+/-17.638 χ^2 /NDF: 298491.9/19

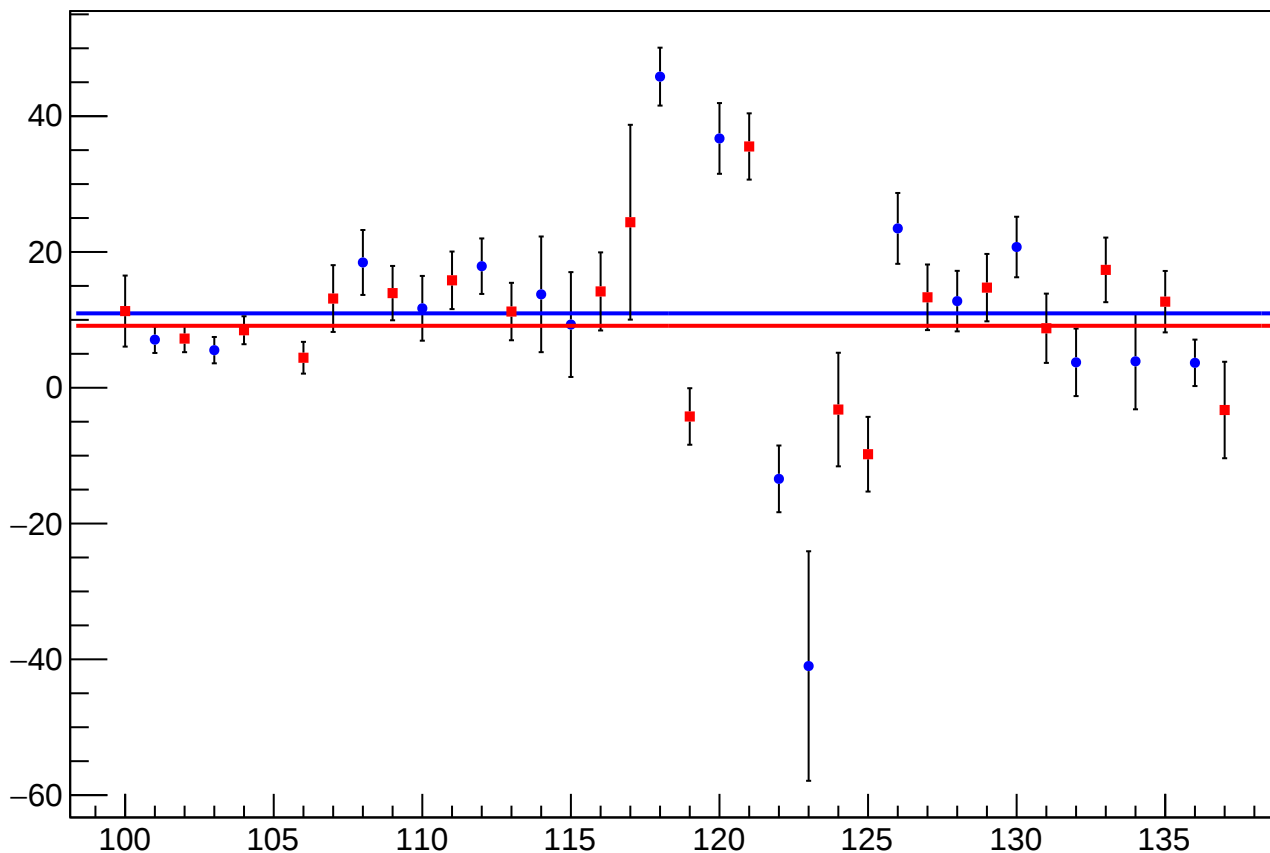
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

66310.089+/-12.715 χ^2 /NDF: 619648.8/3

66109.383+/-17.638 χ^2 /NDF: 298491.9/19

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.958+/-0.943 χ^2/NDF : 160.9/16

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

Right Out: 9.127+/-0.865 χ^2/NDF : 74.2/19

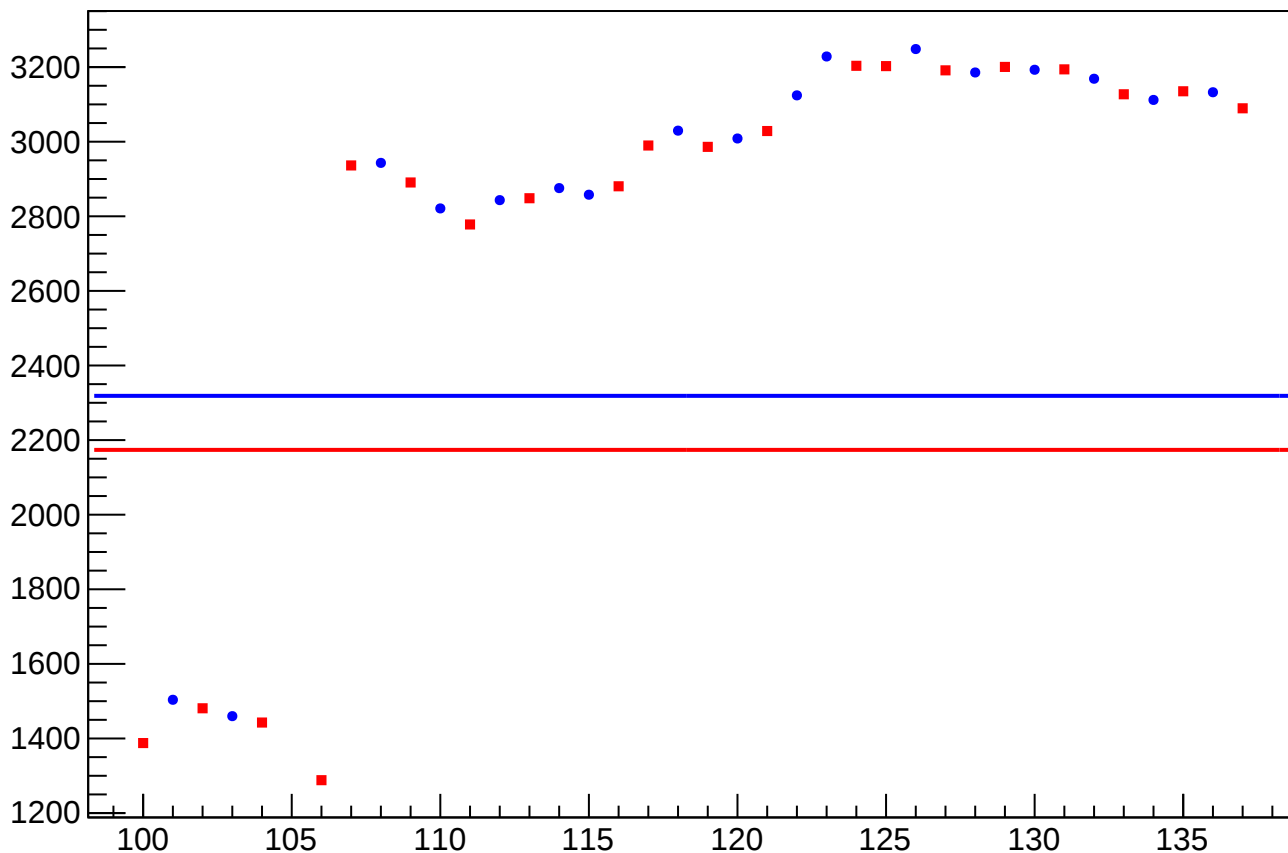
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.958+/-0.943 χ^2/NDF : 160.9/16

9.963+/-0.637 χ^2/NDF : 237.2/36

9.127+/-0.865 χ^2/NDF : 74.2/19

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: 2173.762 $\pm$ 0.611 χ^2 /NDF: 1760181.2/19

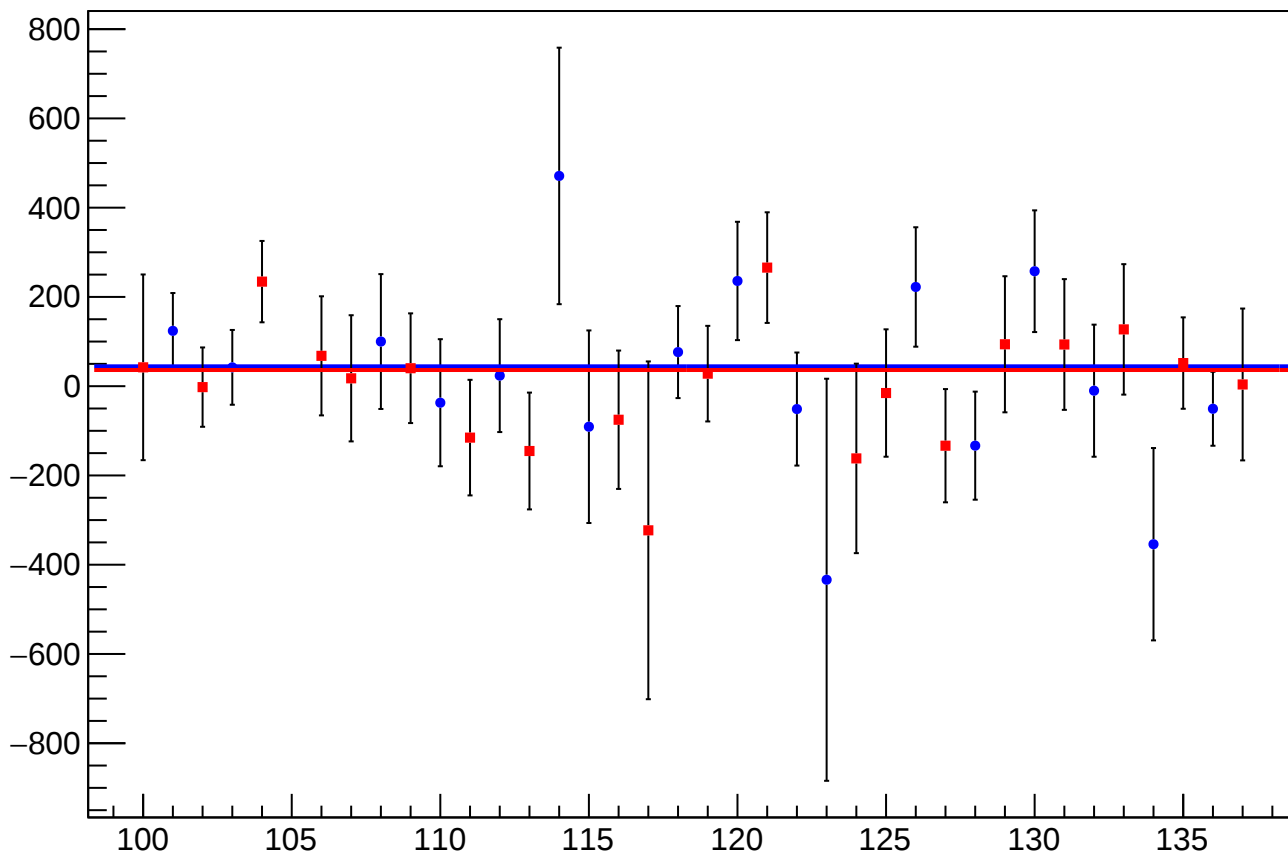
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2239.921 $\pm$ 0.451 χ^2 /NDF: 3194113.5/36

2173.762 $\pm$ 0.611 χ^2 /NDF: 1760181.2/19

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: 36.251+/-29.346 χ^2/NDF : 16.7/19

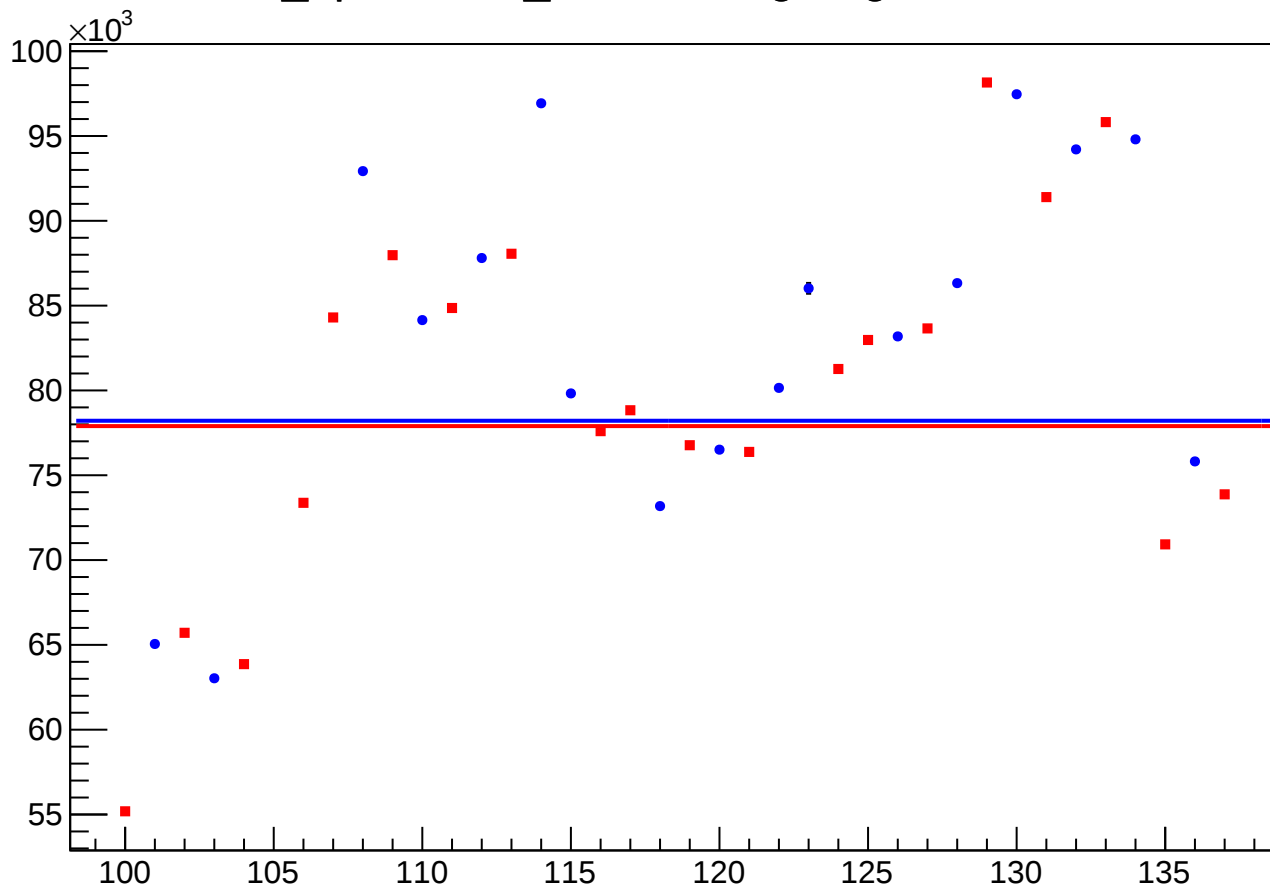
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.484+/-30.432 χ^2/NDF : 19.1/16

40.218+/-21.124 χ^2/NDF : 35.8/36

36.251+/-29.346 χ^2/NDF : 16.7/19

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: 77897.594+/-20.751 χ^2/NDF : 246982.5/19

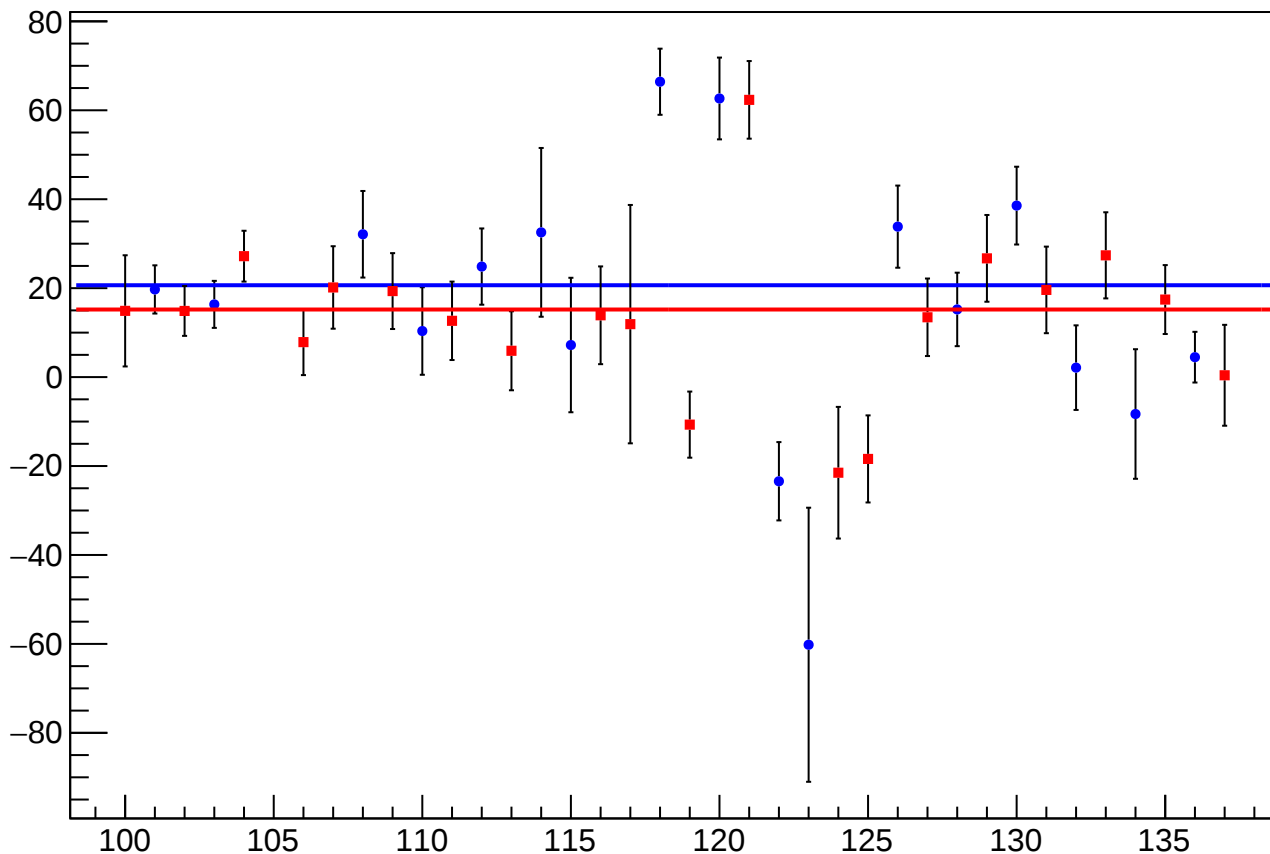
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

78049.584+/-14.937 χ^2/NDF : 498150.5/3

77897.594+/-20.751 χ^2/NDF : 246982.5/19

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 20.657 $\pm$ 2.036 χ^2 /NDF: 117.7/16

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

Right Out: 15.198 $\pm$ 1.950 χ^2 /NDF: 71.3/19

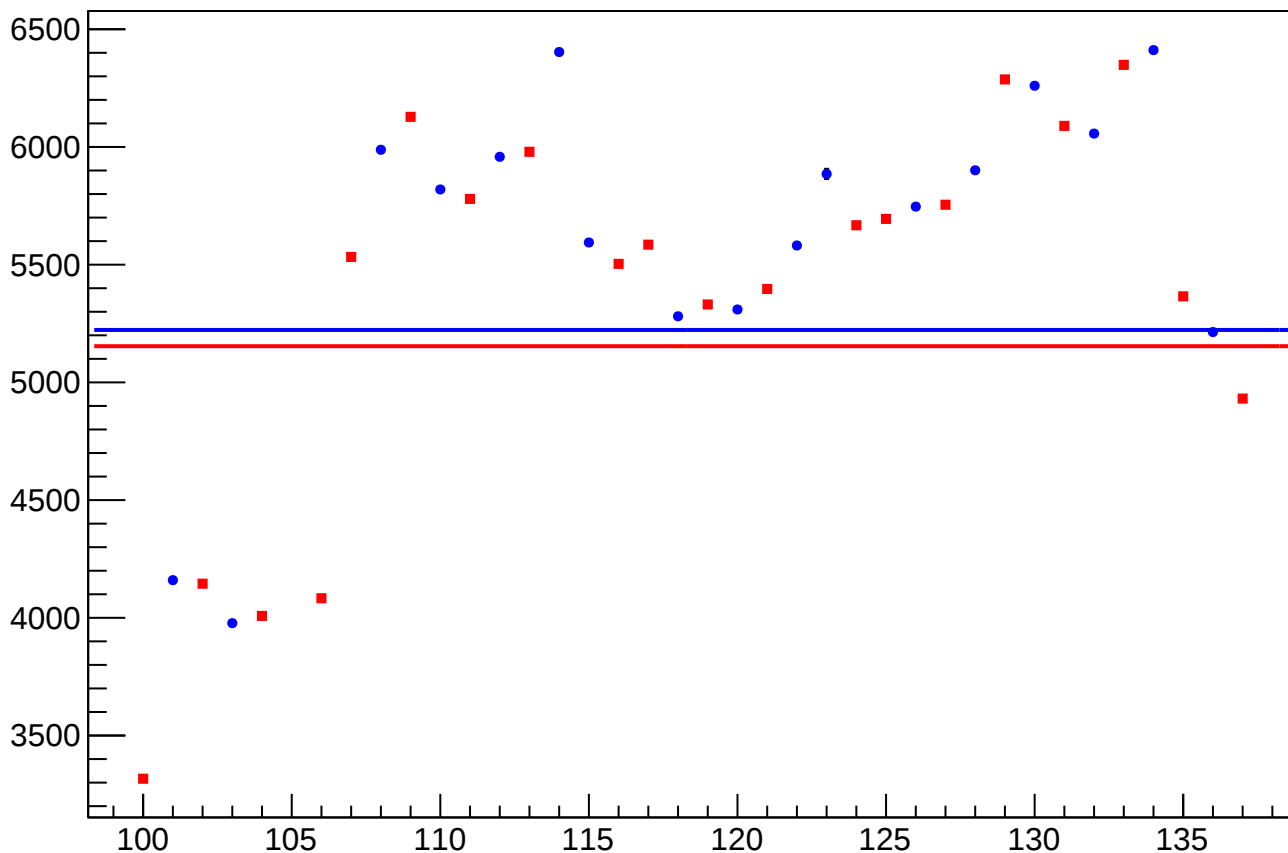
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.657 $\pm$ 2.036 χ^2 /NDF: 117.7/16

17.810 $\pm$ 1.408 χ^2 /NDF: 192.8/36

15.198 $\pm$ 1.950 χ^2 /NDF: 71.3/19

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: 5153.826 $\pm$ 1.379 χ^2 /NDF: 388205.9/19

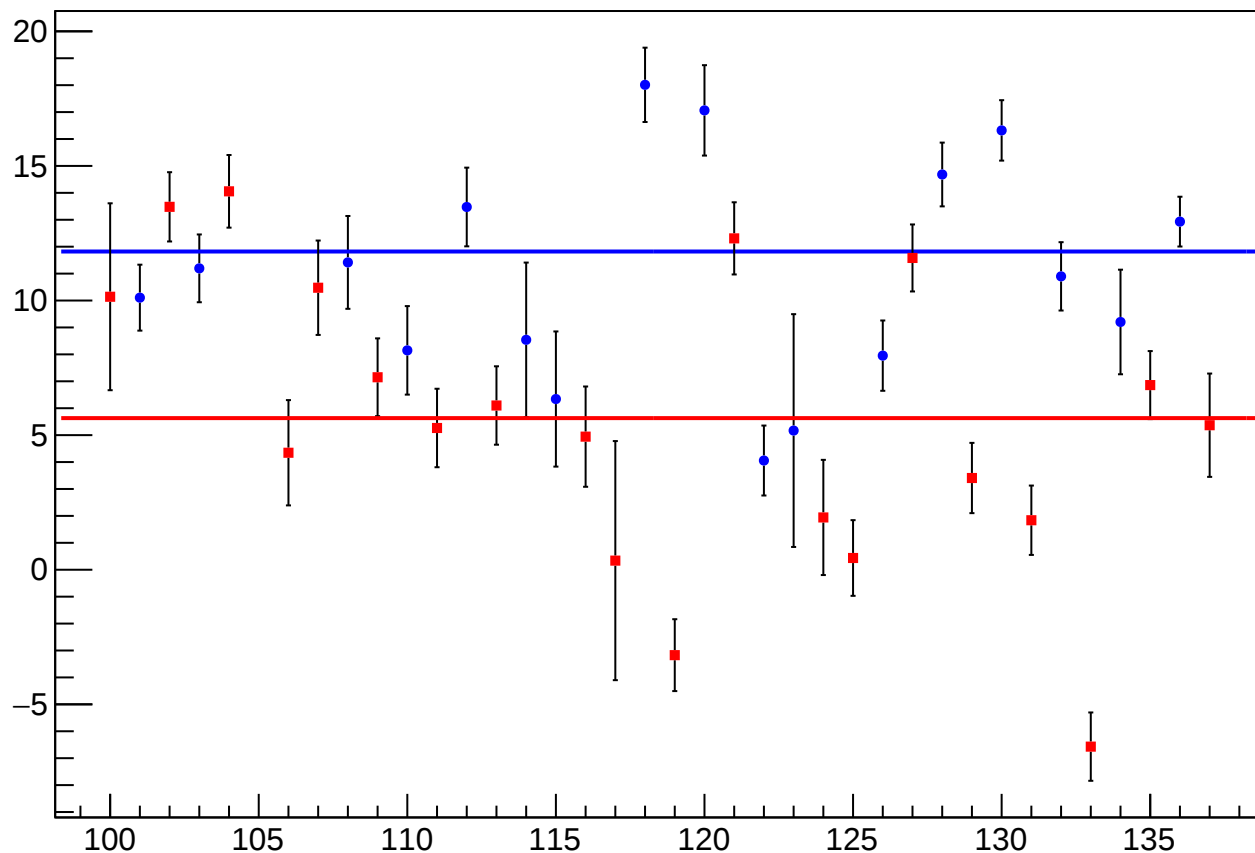
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

5186.803 $\pm$ 0.996 χ^2 /NDF: 701900.2/36

5153.826 $\pm$ 1.379 χ^2 /NDF: 388205.9/19

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: 5.632+/-0.337 χ^2/NDF : 301.6/19

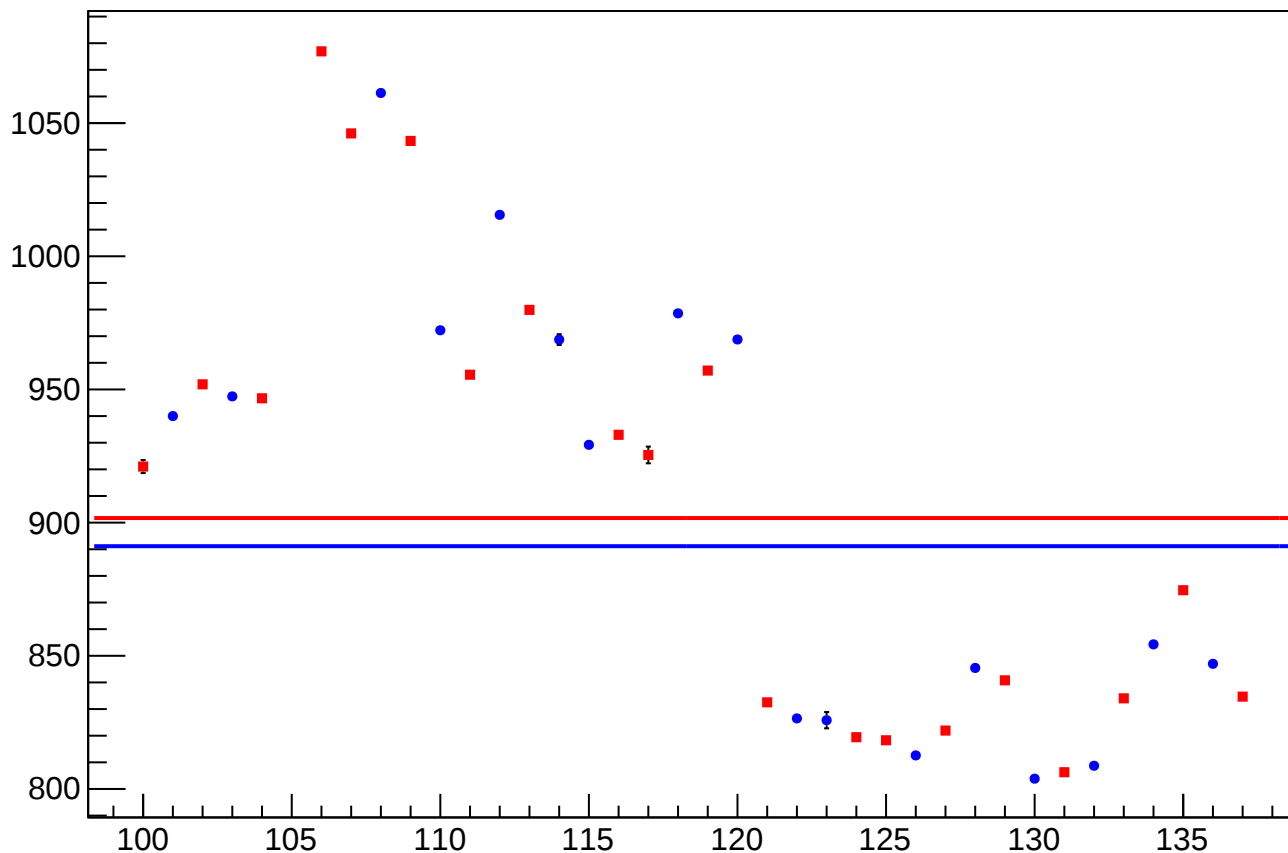
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.821+/-0.344 χ^2/NDF : 117.0/16

8.663+/-0.241 χ^2/NDF : 583.3/36

5.632+/-0.337 χ^2/NDF : 301.6/19

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: 901.725+/-0.239 χ^2/NDF : 114648.1/19

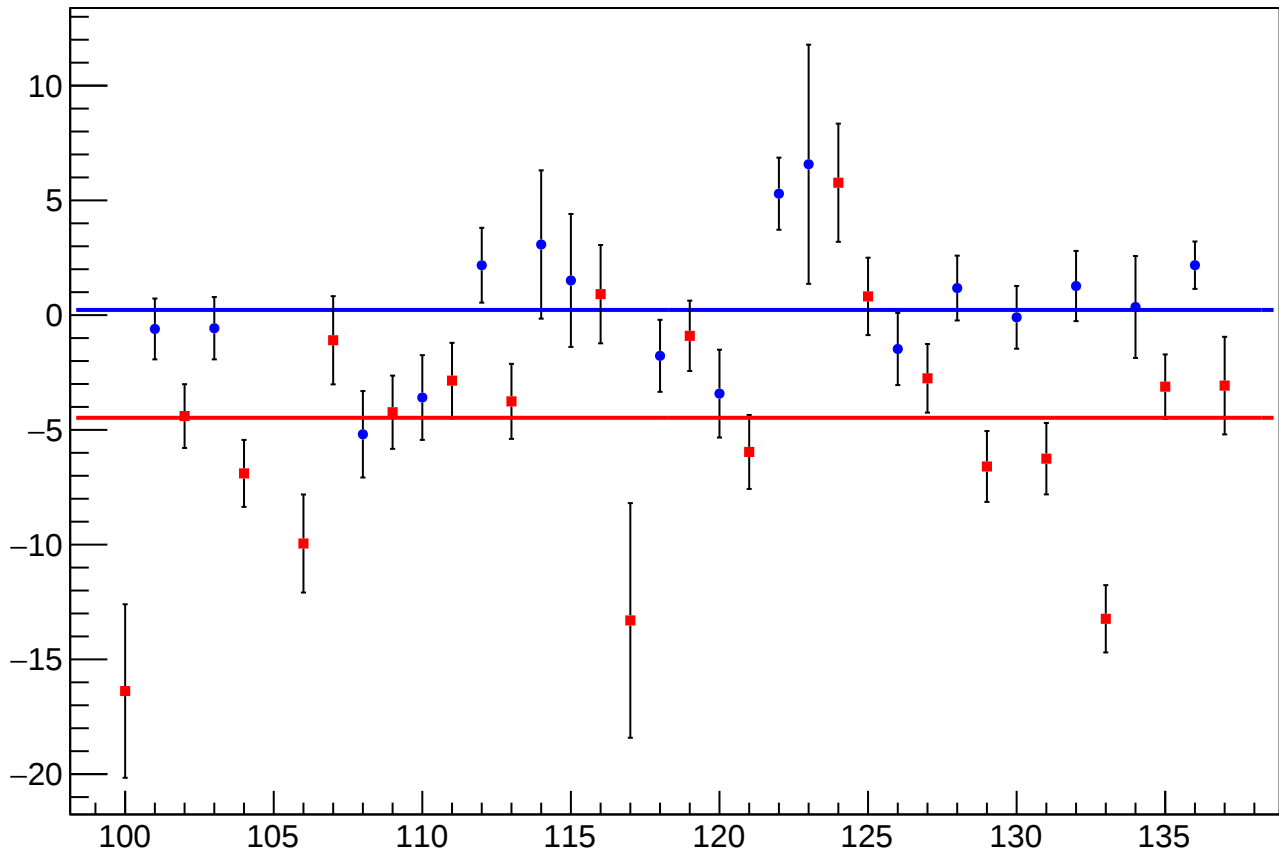
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

891.149+/-0.244 χ^2/NDF : 101659.1/16

896.546+/-0.170 χ^2/NDF : 217269.1/36

901.725+/-0.239 χ^2/NDF : 114648.1/19

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: -4.473+/-0.386 χ^2/NDF : 106.3/19

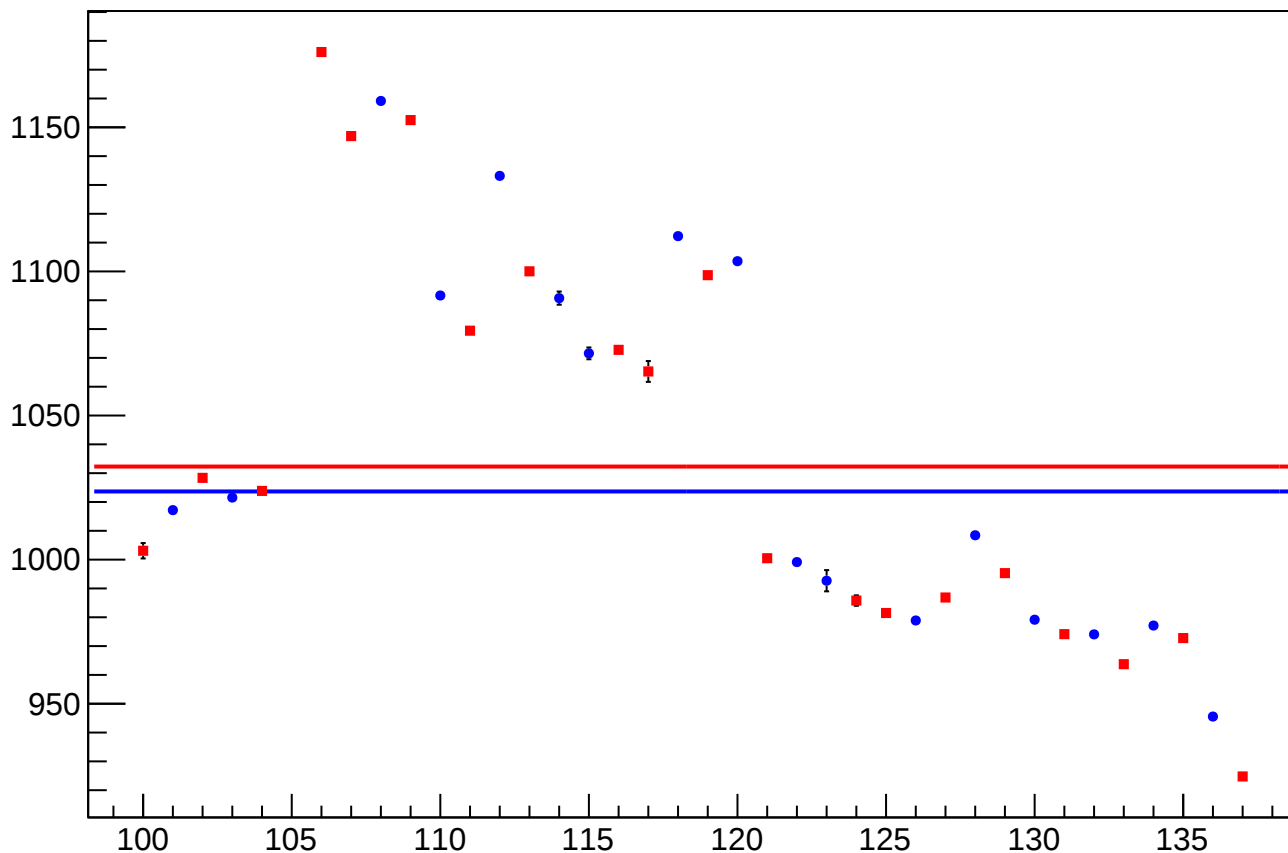
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.227+/-0.395 χ^2/NDF : 38.5/16

-2.180+/-0.276 χ^2/NDF : 217.4/36

-4.473+/-0.386 χ^2/NDF : 106.3/19

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: 1032.296+/-0.273 χ^2/NDF : 59475.4/19

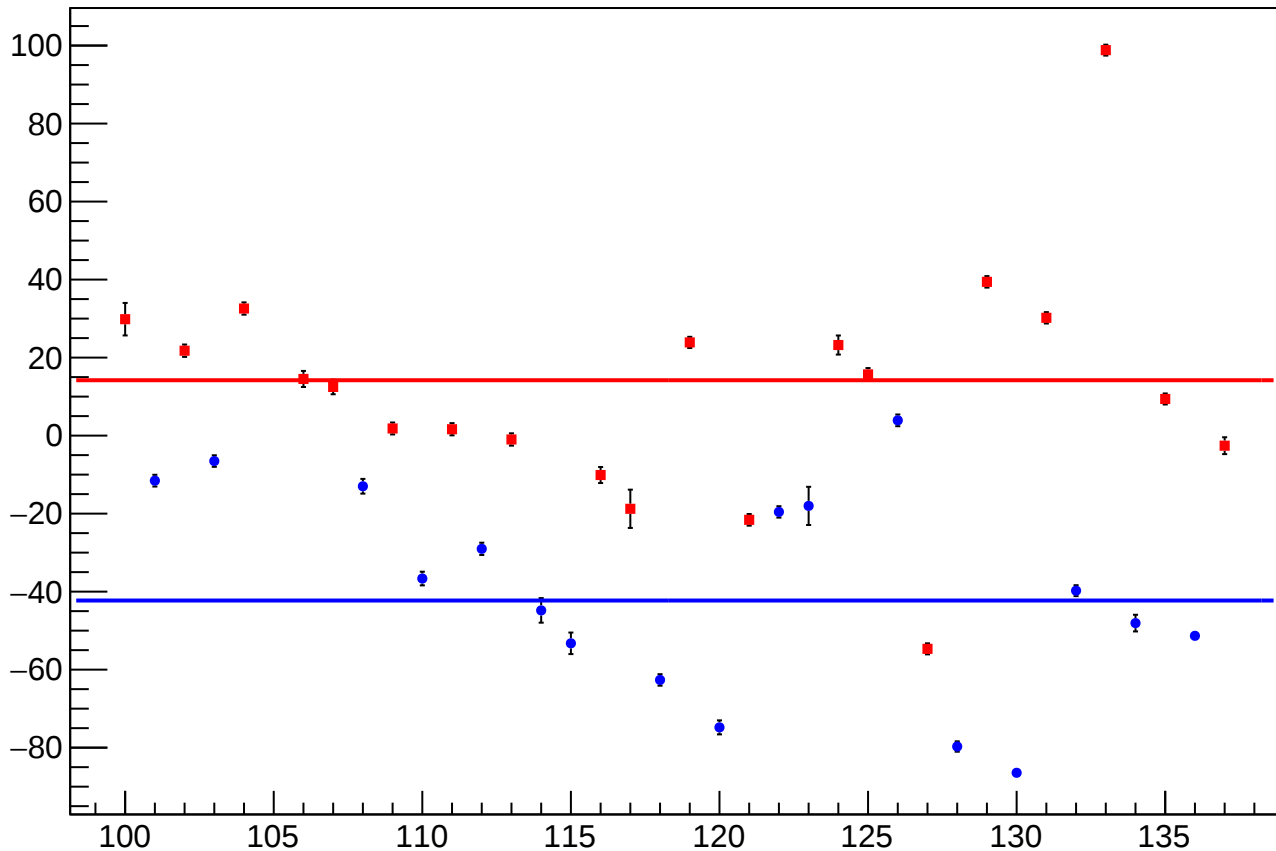
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1023.655+/-0.279 χ^2/NDF : 52373.8/16

1028.079+/-0.195 χ^2/NDF : 112339.2/36

1032.296+/-0.273 χ^2/NDF : 59475.4/19

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: 14.197 ± 0.377 $\chi^2/\text{NDF}: 7715.1/19$

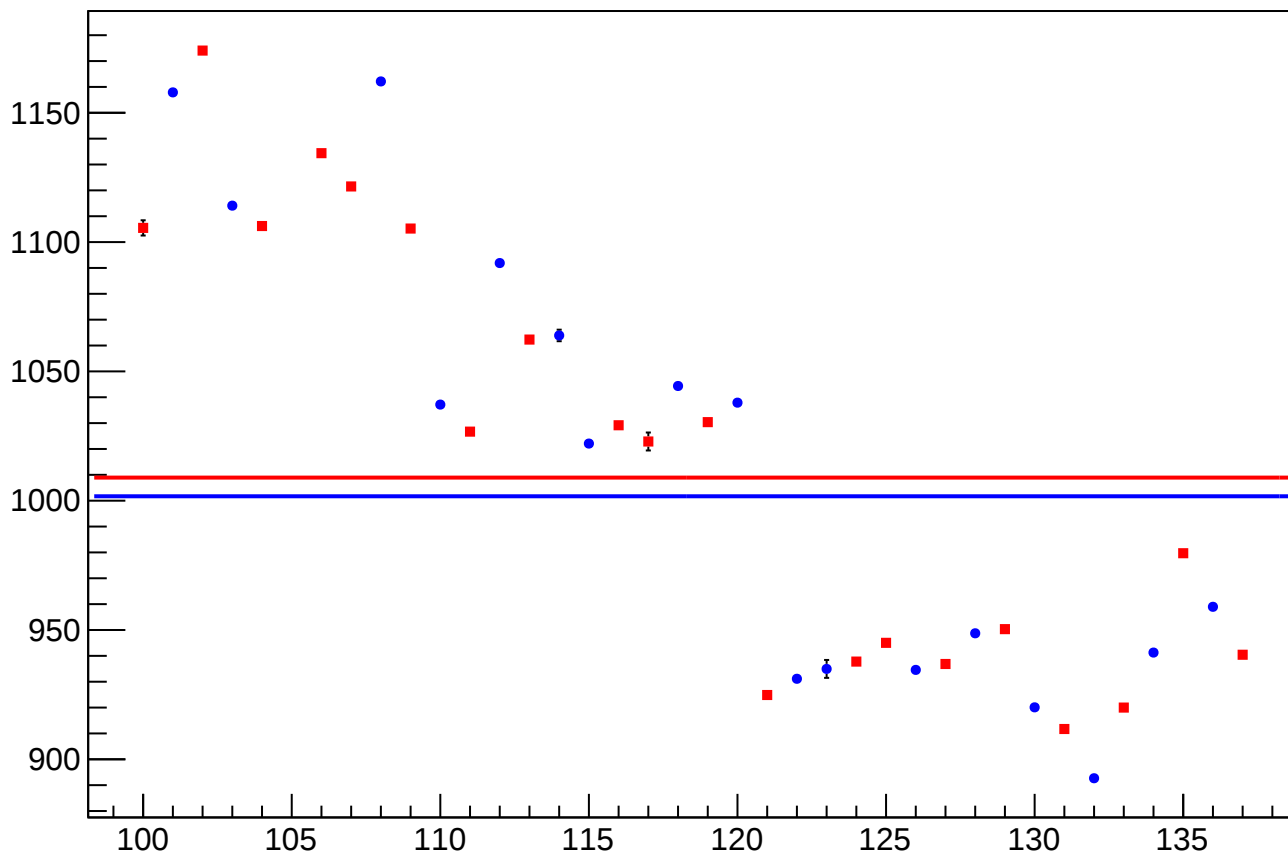
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-13.318 ± 0.270 $\chi^2/\text{NDF}: 23755.5/36$

14.197 ± 0.377 $\chi^2/\text{NDF}: 7715.1/19$

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: 1008.931 $\pm$ 0.267 χ^2 /NDF: 95366.1/19

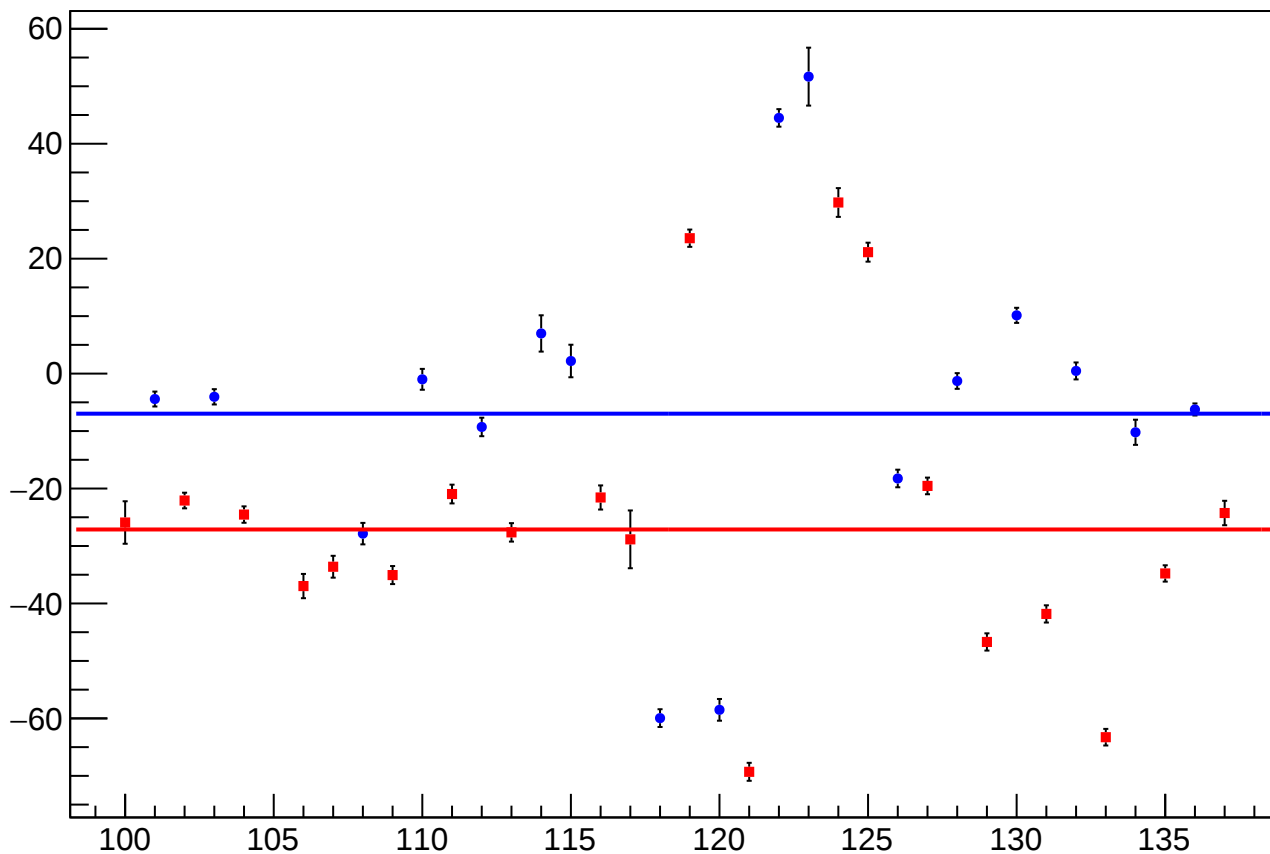
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

1005.411 $\pm$ 0.191 χ^2 /NDF: 191203.3/36

1008.931 $\pm$ 0.267 χ^2 /NDF: 95366.1/19

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: -27.125 ± 0.379 χ^2/NDF : 4283.6/19

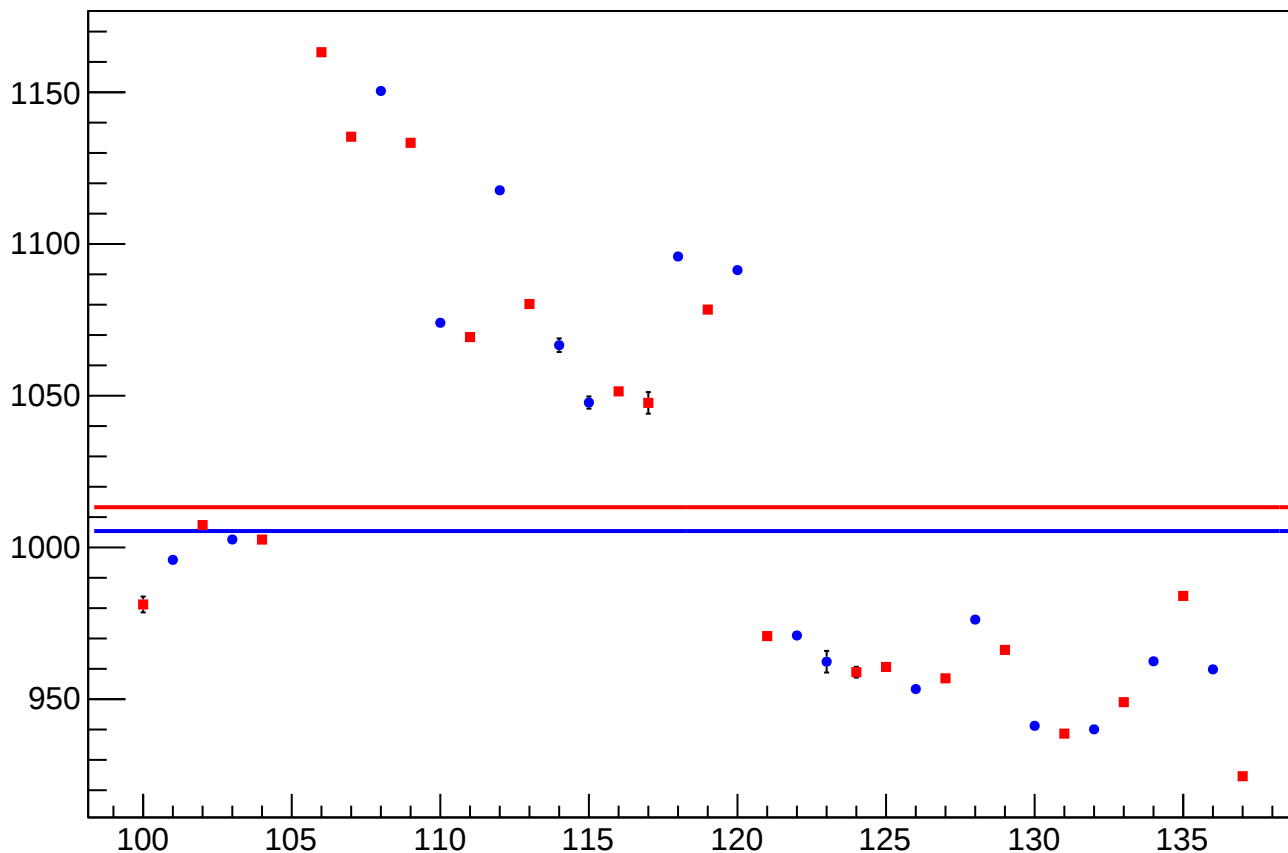
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-6.974 ± 0.388 χ^2/NDF : 3636.9/16

-17.298 ± 0.271 χ^2/NDF : 9302.7/36

-27.125 ± 0.379 χ^2/NDF : 4283.6/19

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: 1013.260+/-0.268 χ^2/NDF : 63359.8/19

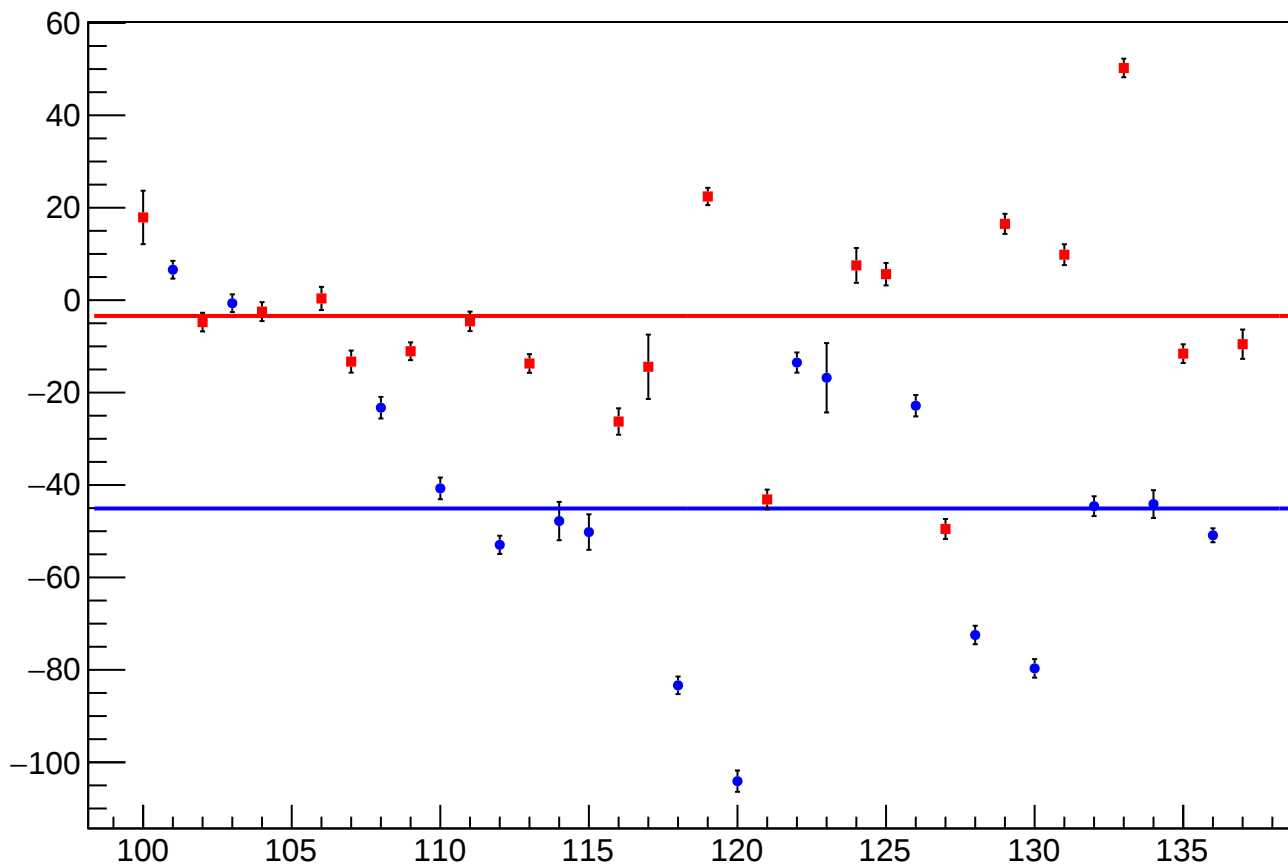
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1005.409+/-0.274 χ^2/NDF : 54586.0/16

1009.431+/-0.192 χ^2/NDF : 118365.4/36

1013.260+/-0.268 χ^2/NDF : 63359.8/19

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: -3.419 ± 0.520 χ^2/NDF : 2008.2/19

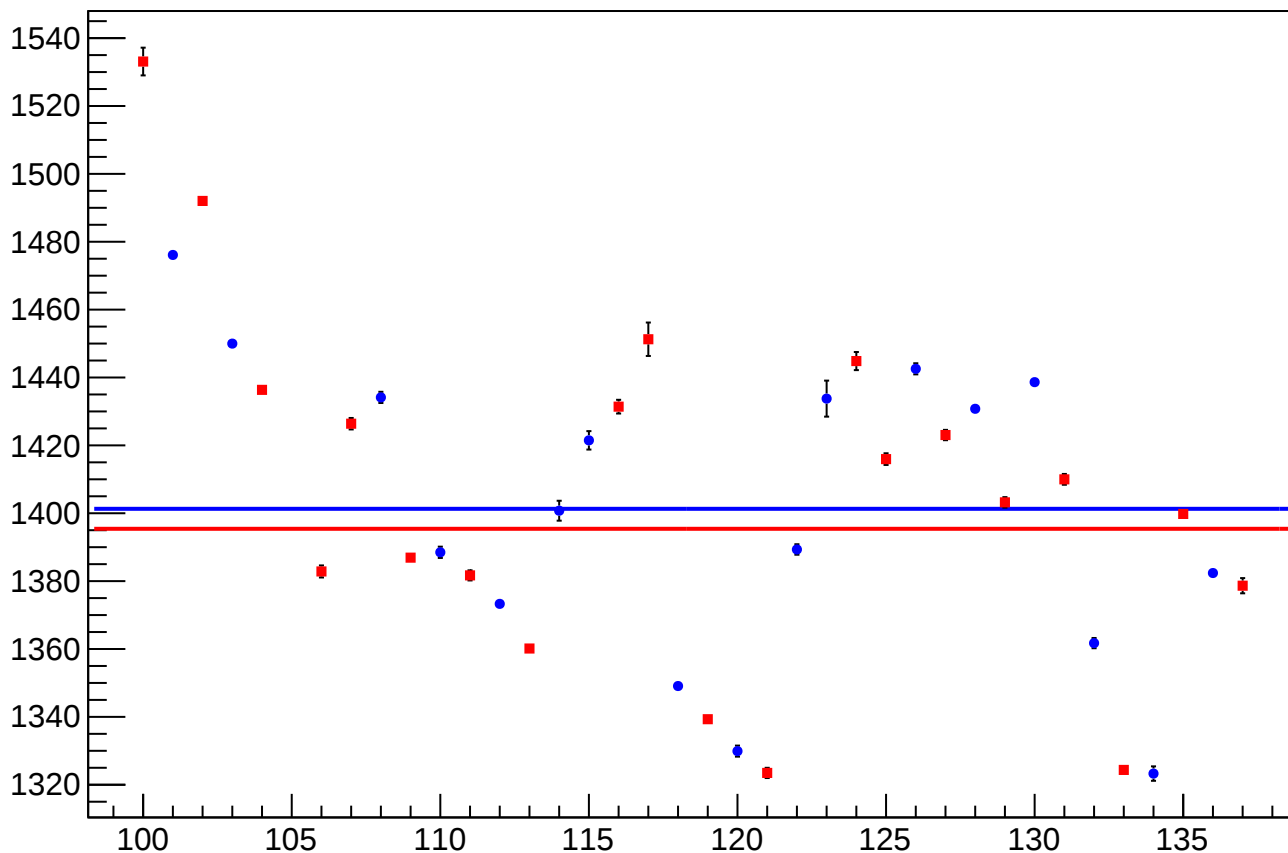
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.081 ± 0.540 χ^2/NDF : 3238.1/16

-23.490 ± 0.375 χ^2/NDF : 8334.5/36

-3.419 ± 0.520 χ^2/NDF : 2008.2/19

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: 1395.419+/-0.368 χ^2/NDF : 15649.3/19

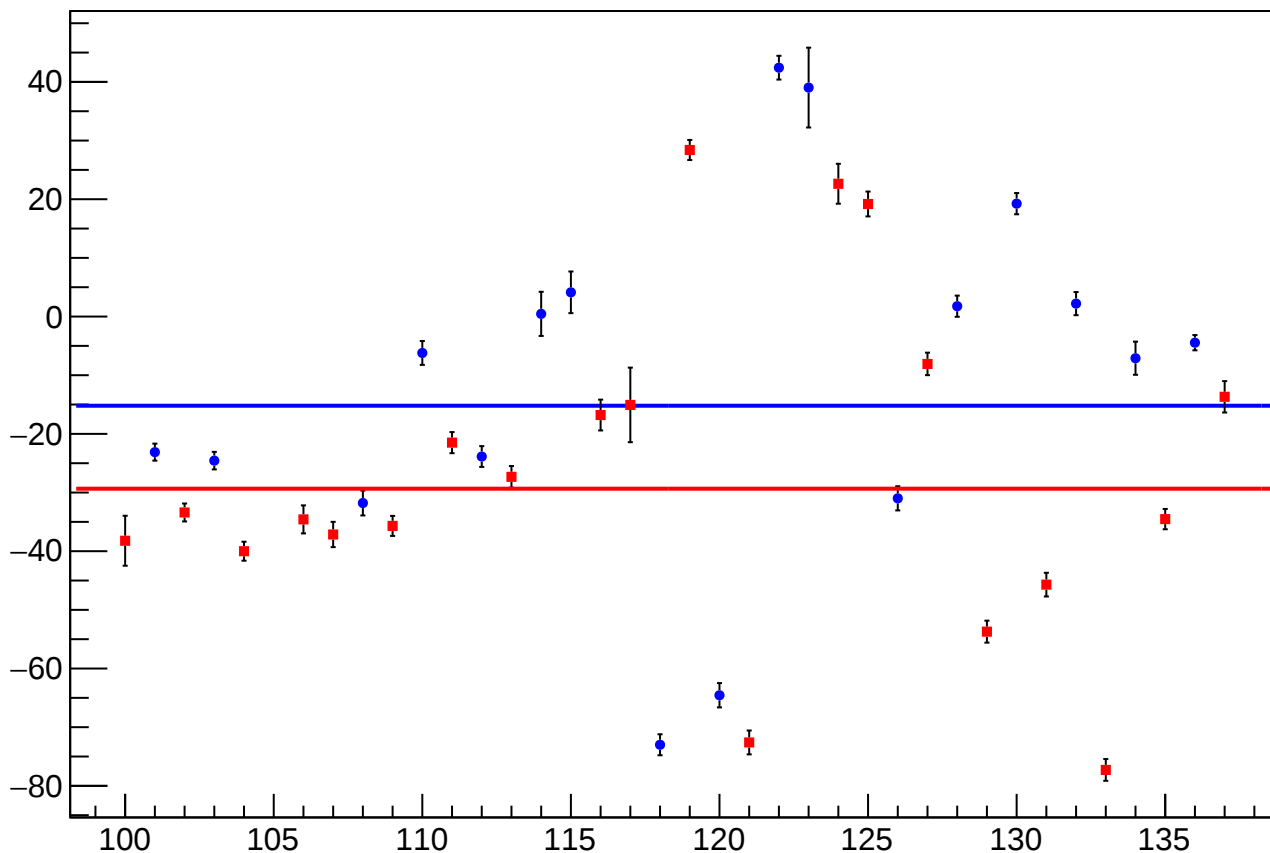
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1401.307+/-0.382 χ^2/NDF : 12852.1/16

1398.256+/-0.265 χ^2/NDF : 28624.8/36

1395.419+/-0.368 χ^2/NDF : 15649.3/19

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -15.202 ± 0.472 χ^2/NDF : 3362.5/16

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

Right Out: -29.344 ± 0.455 χ^2/NDF : 3549.9/19

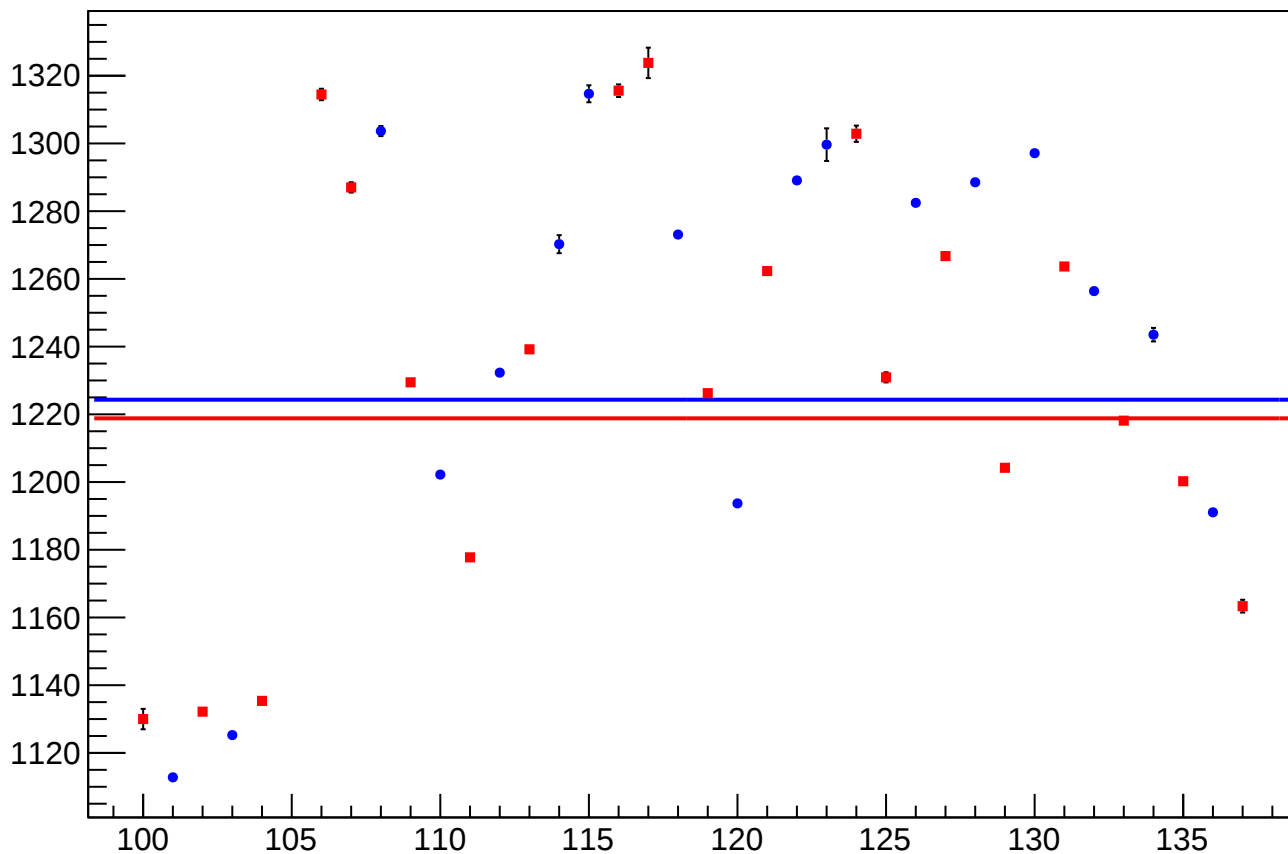
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.202 ± 0.472 χ^2/NDF : 3362.5/16

-22.533 ± 0.328 χ^2/NDF : 7377.7/36

-29.344 ± 0.455 χ^2/NDF : 3549.9/19

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: 1218.817+/-0.322 χ^2/NDF : 28121.5/19

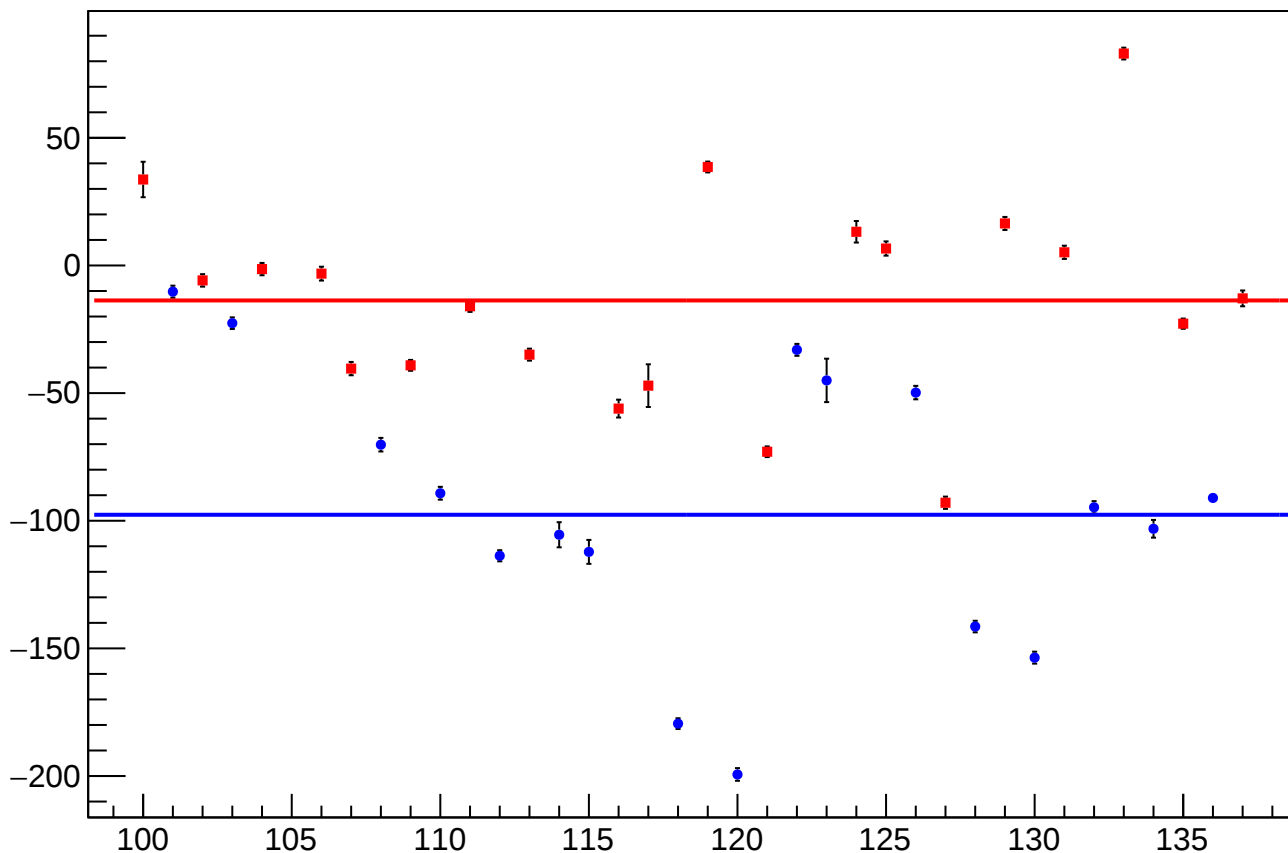
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1224.320+/-0.334 χ^2/NDF : 38778.2/16

1221.467+/-0.232 χ^2/NDF : 67040.6/36

1218.817+/-0.322 χ^2/NDF : 28121.5/19

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: -13.698+/-0.578 χ^2/NDF : 5144.2/19

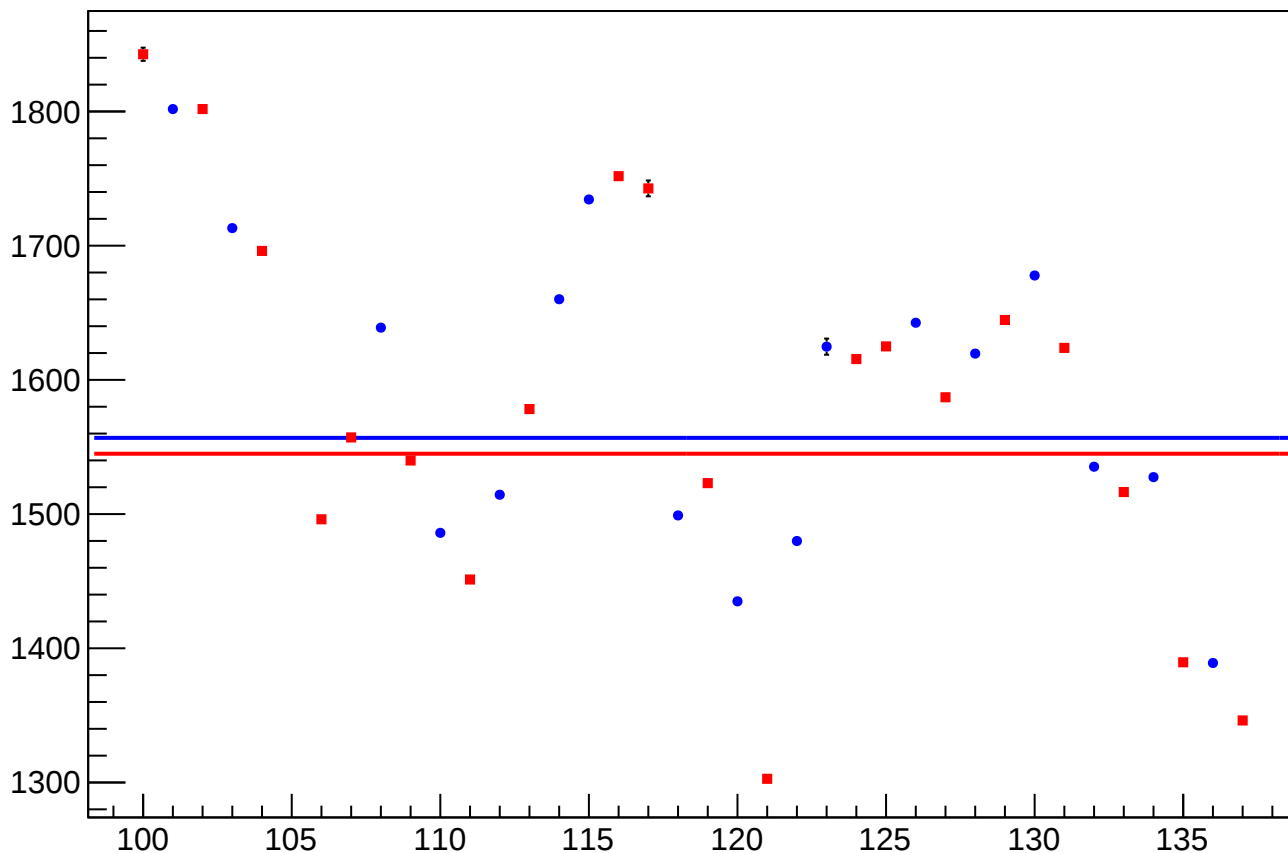
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-97.657+/-0.601 χ^2/NDF : 7936.6/16

-54.018+/-0.417 χ^2/NDF : 23213.8/36

-13.698+/-0.578 χ^2/NDF : 5144.2/19

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1556.799 $\pm$ 0.425 χ^2 /NDF: 81549.2/16

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

Right Out: 1544.983 $\pm$ 0.409 χ^2 /NDF: 101624.6/19

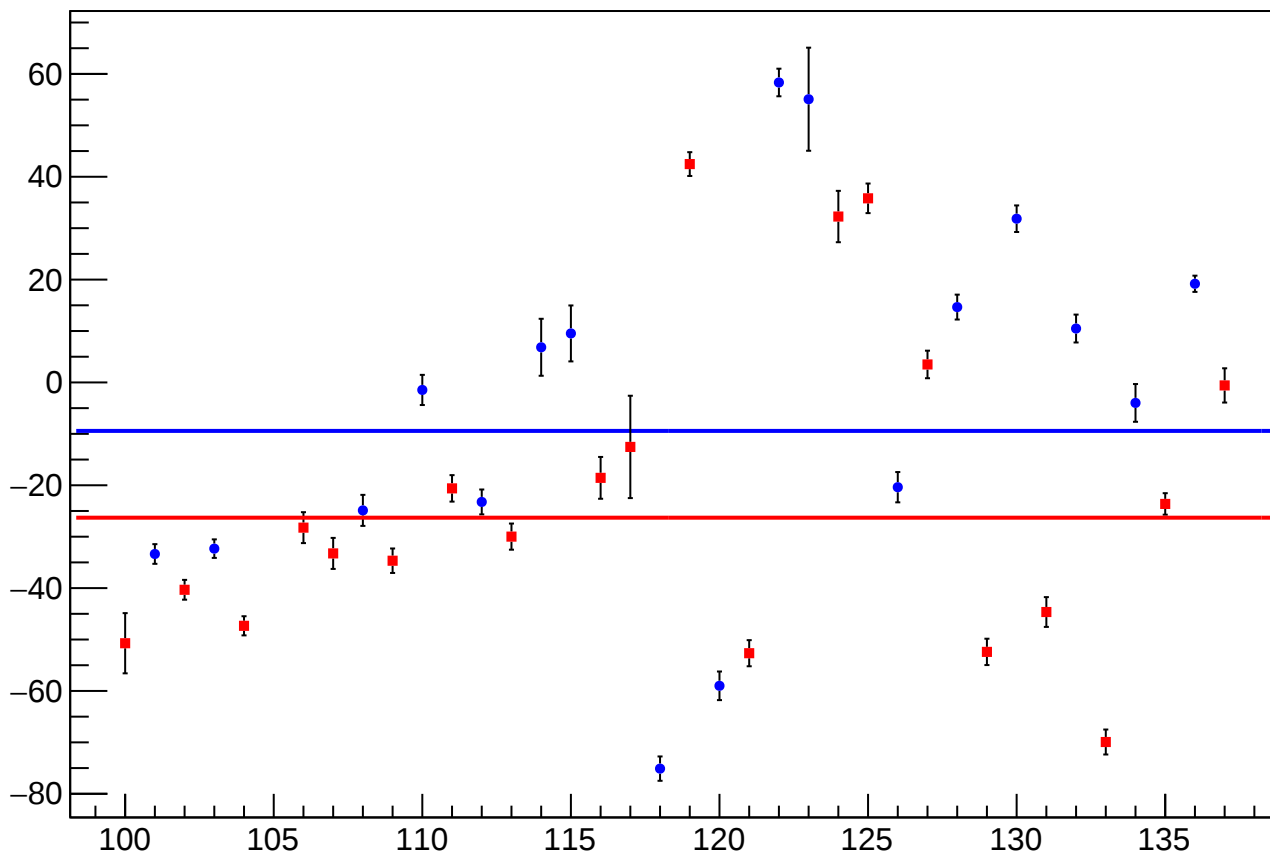
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1556.799 $\pm$ 0.425 χ^2 /NDF: 81549.2/16

1550.657 $\pm$ 0.295 χ^2 /NDF: 183575.3/36

1544.983 $\pm$ 0.409 χ^2 /NDF: 101624.6/19

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: -26.304+/-0.602 χ^2/NDF : 2474.0/19

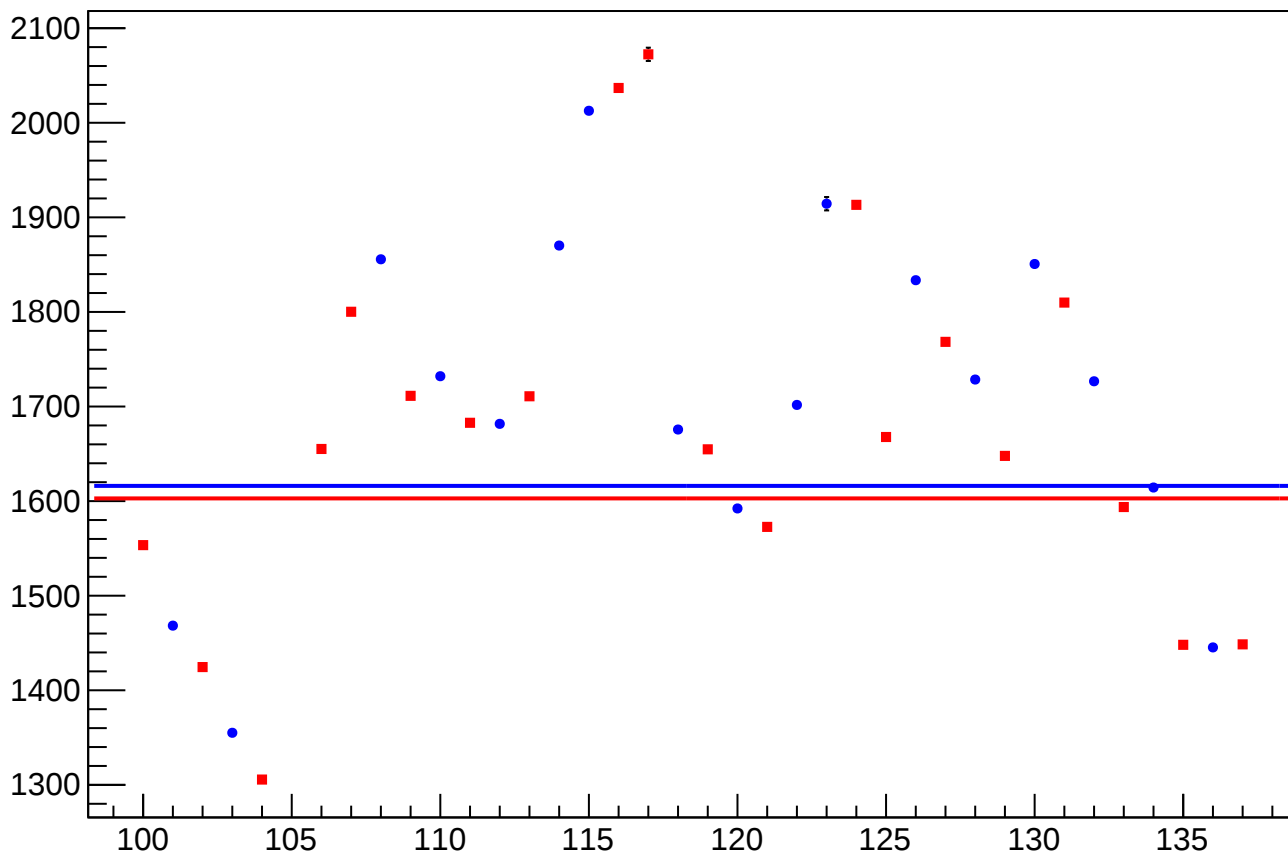
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.427+/-0.626 χ^2/NDF : 2924.1/16

-18.206+/-0.434 χ^2/NDF : 5775.6/36

-26.304+/-0.602 χ^2/NDF : 2474.0/19

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: 1602.857 $\pm$ 0.425 χ^2 /NDF: 158119.5/19

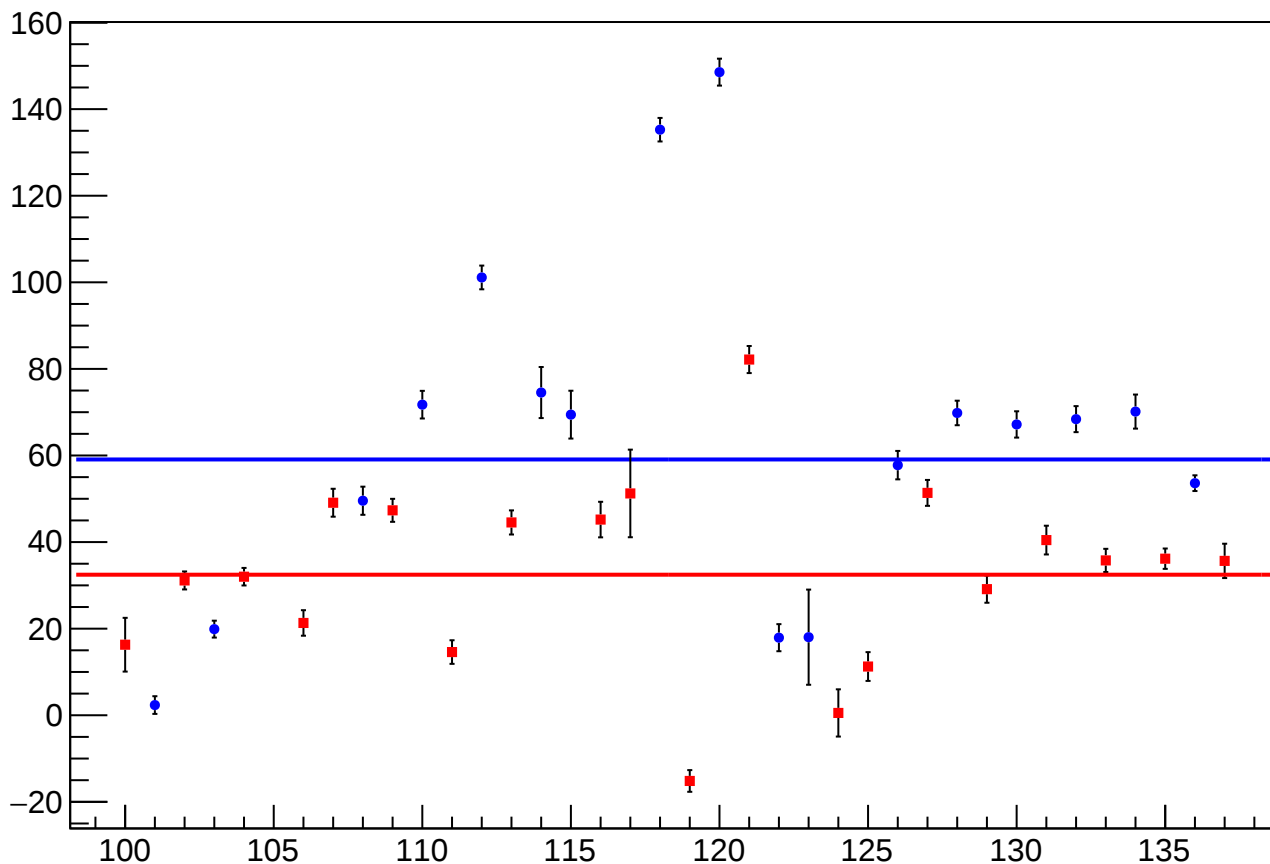
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1609.209 $\pm$ 0.307 χ^2 /NDF: 308180.3/36

1602.857 $\pm$ 0.425 χ^2 /NDF: 158119.5/19

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.081 $\pm$ 0.699 χ^2 /NDF: 3293.6/16

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

Right Out: 32.463 $\pm$ 0.665 χ^2 /NDF: 894.9/19

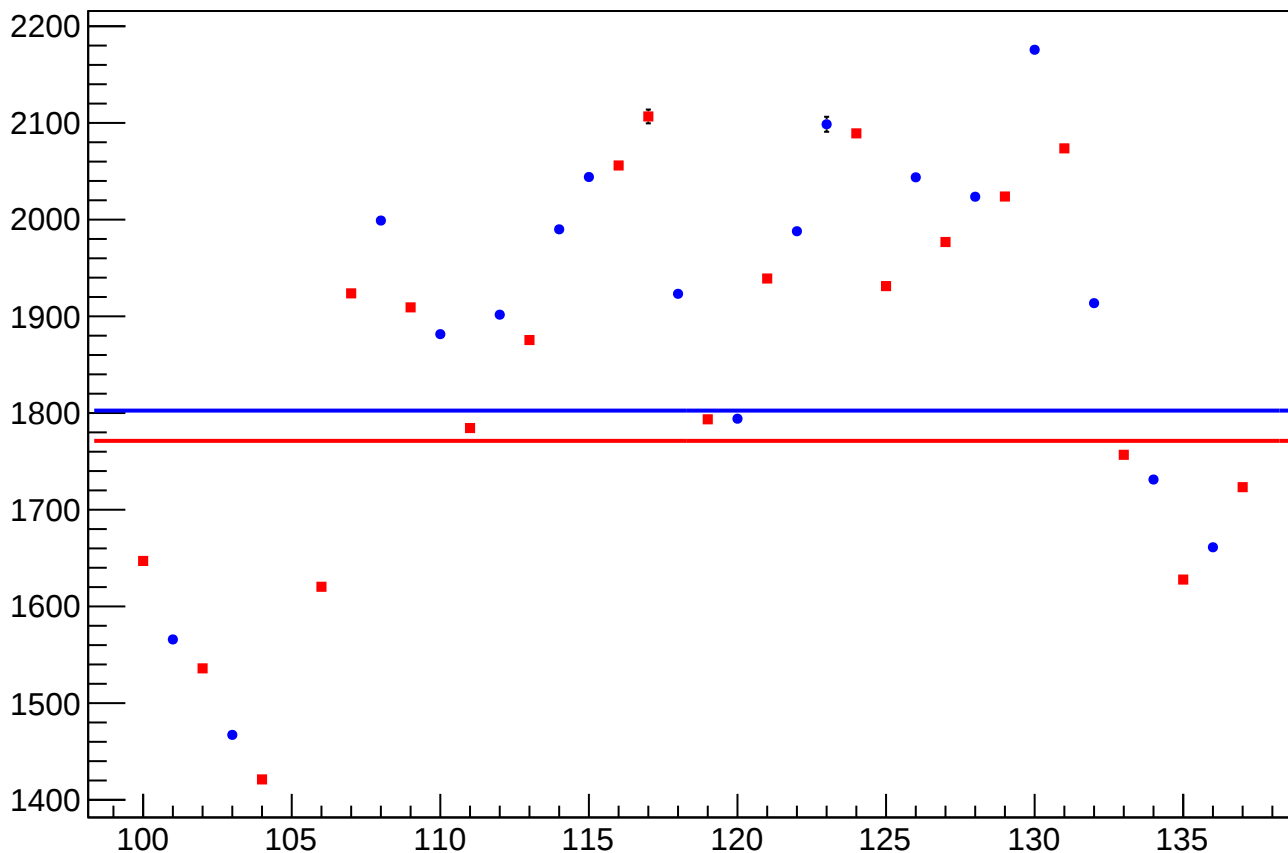
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

59.081 $\pm$ 0.699 χ^2 /NDF: 3293.6/16

45.101 $\pm$ 0.482 χ^2 /NDF: 4949.2/36

32.463 $\pm$ 0.665 χ^2 /NDF: 894.9/19

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: 1771.228+/-0.470 χ^2/NDF : 180101.6/19

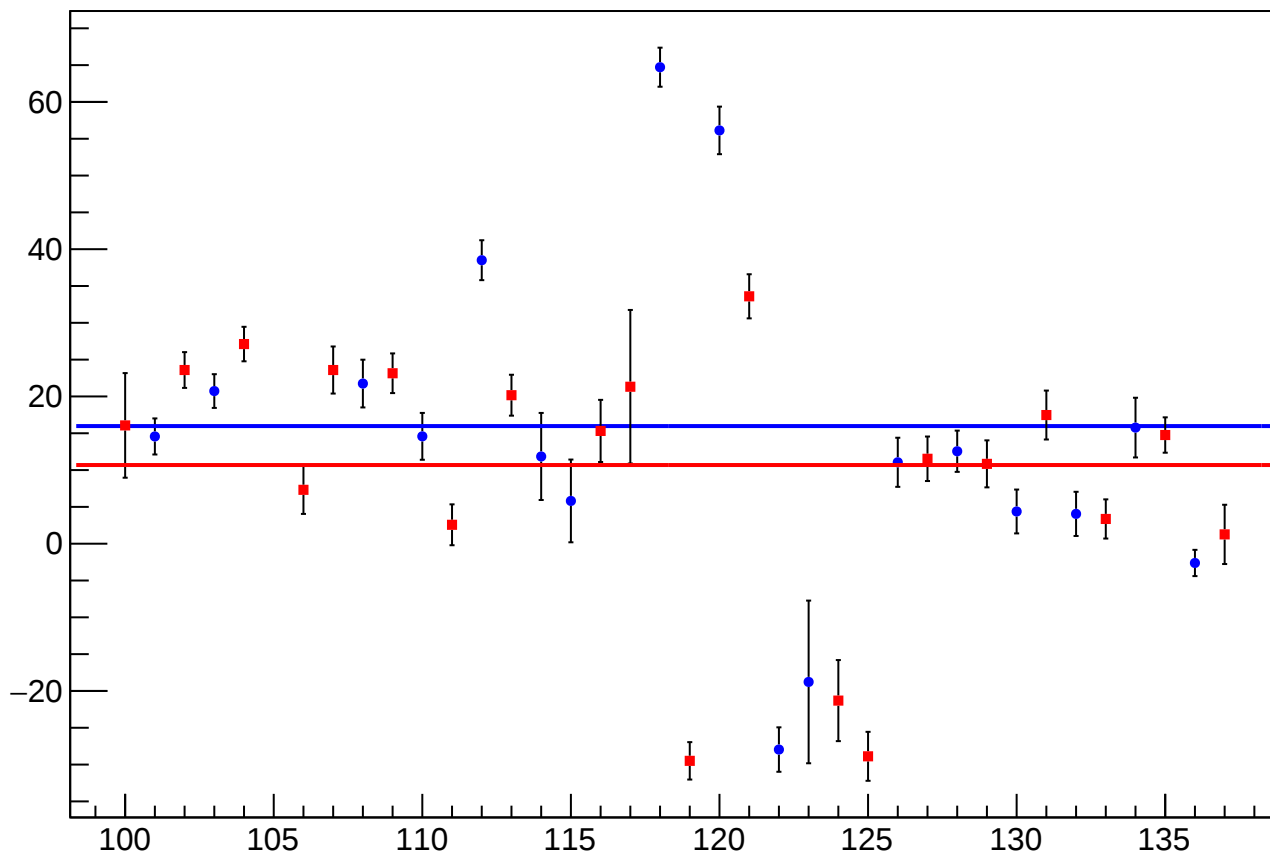
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1786.087+/-0.341 χ^2/NDF : 366273.4/36

1771.228+/-0.470 χ^2/NDF : 180101.6/19

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: 10.685+/-0.692 χ^2/NDF : 643.2/19

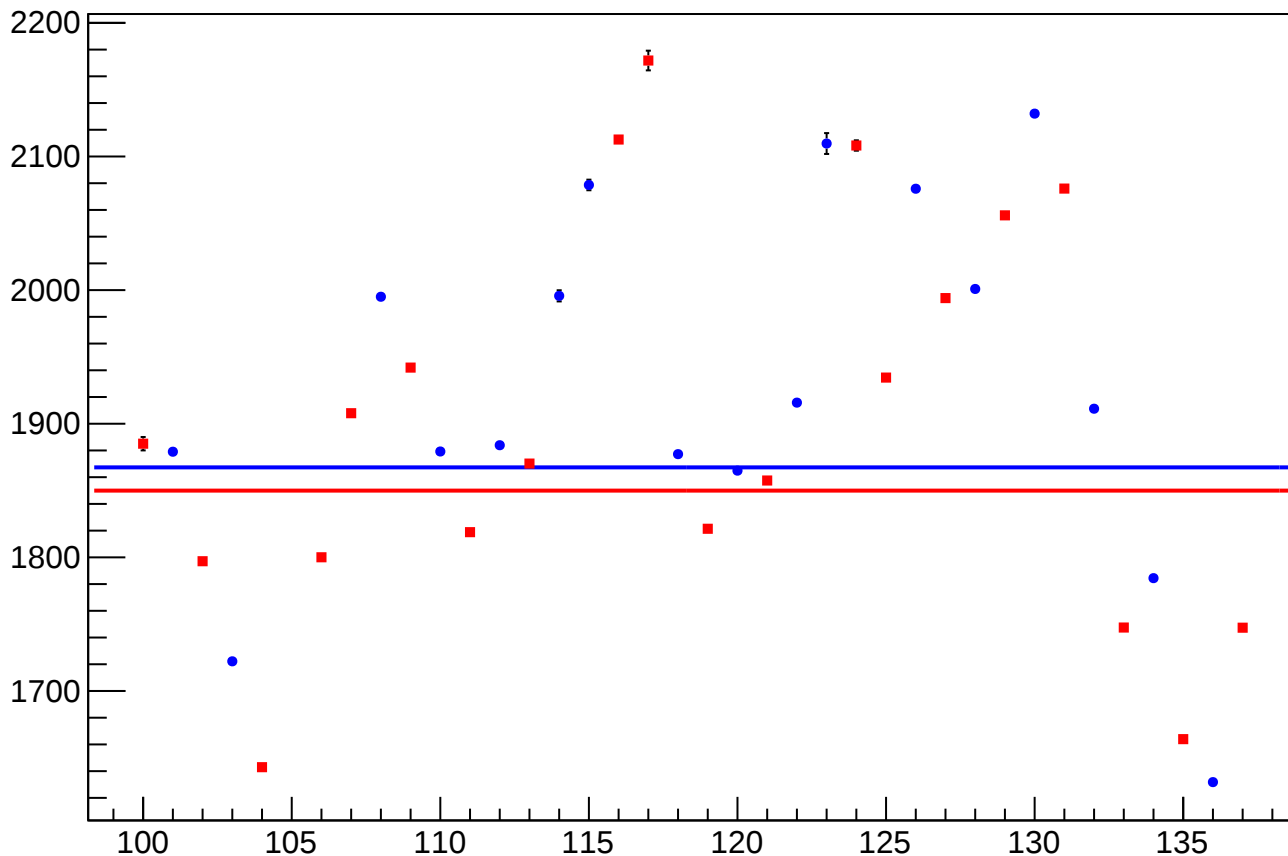
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.976+/-0.722 χ^2/NDF : 938.4/16

13.219+/-0.499 χ^2/NDF : 1609.5/36

10.685+/-0.692 χ^2/NDF : 643.2/19

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: 1849.954+/-0.489 χ^2/NDF : 74440.9/19

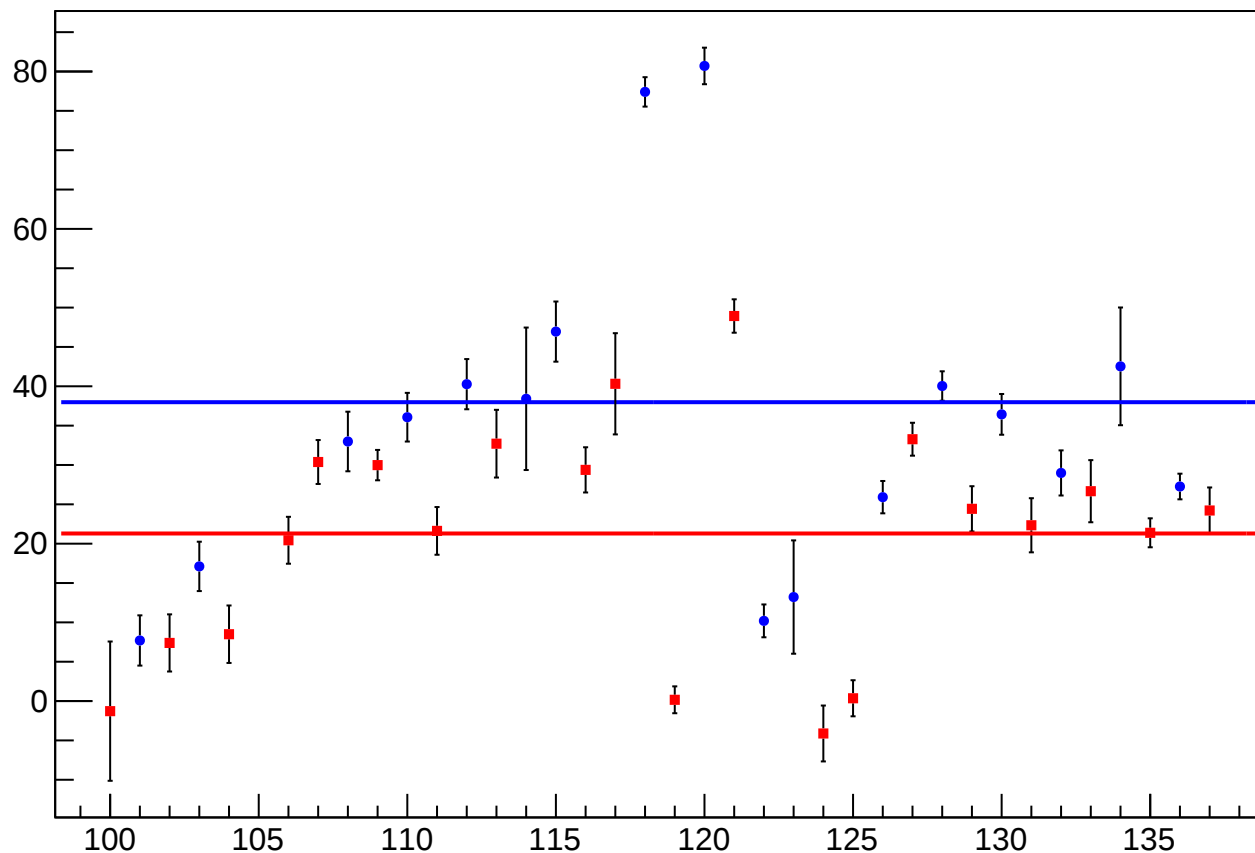
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1867.343+/-0.510 χ^2/NDF : 80926.4/16

1858.282+/-0.353 χ^2/NDF : 155972.3/36

1849.954+/-0.489 χ^2/NDF : 74440.9/19

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 37.979+/-0.637 χ^2/NDF : 1204.3/16

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

Right Out: 21.294+/-0.606 χ^2/NDF : 582.5/19

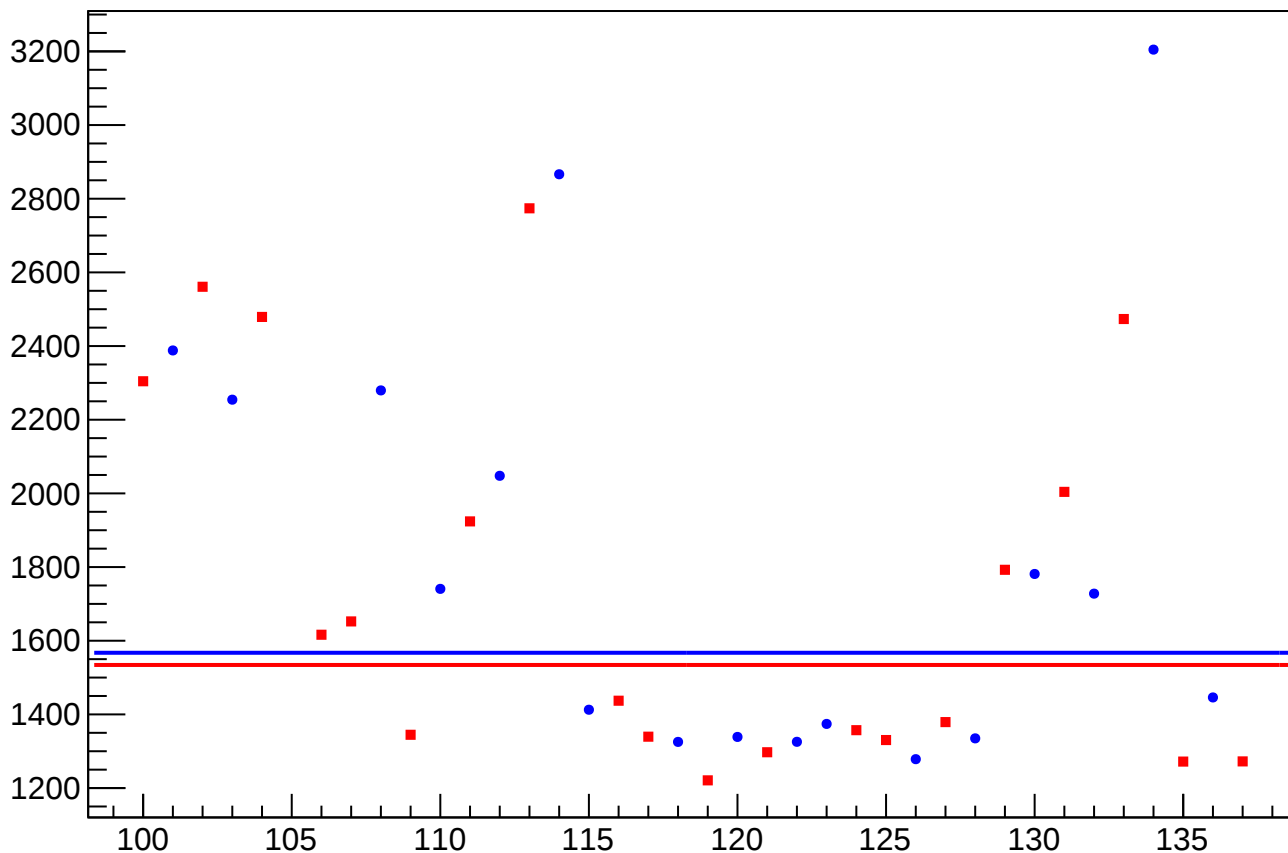
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.979+/-0.637 χ^2/NDF : 1204.3/16

29.211+/-0.439 χ^2/NDF : 2146.8/36

21.294+/-0.606 χ^2/NDF : 582.5/19

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: 1534.225+/-0.428 χ^2/NDF : 883947.6/19

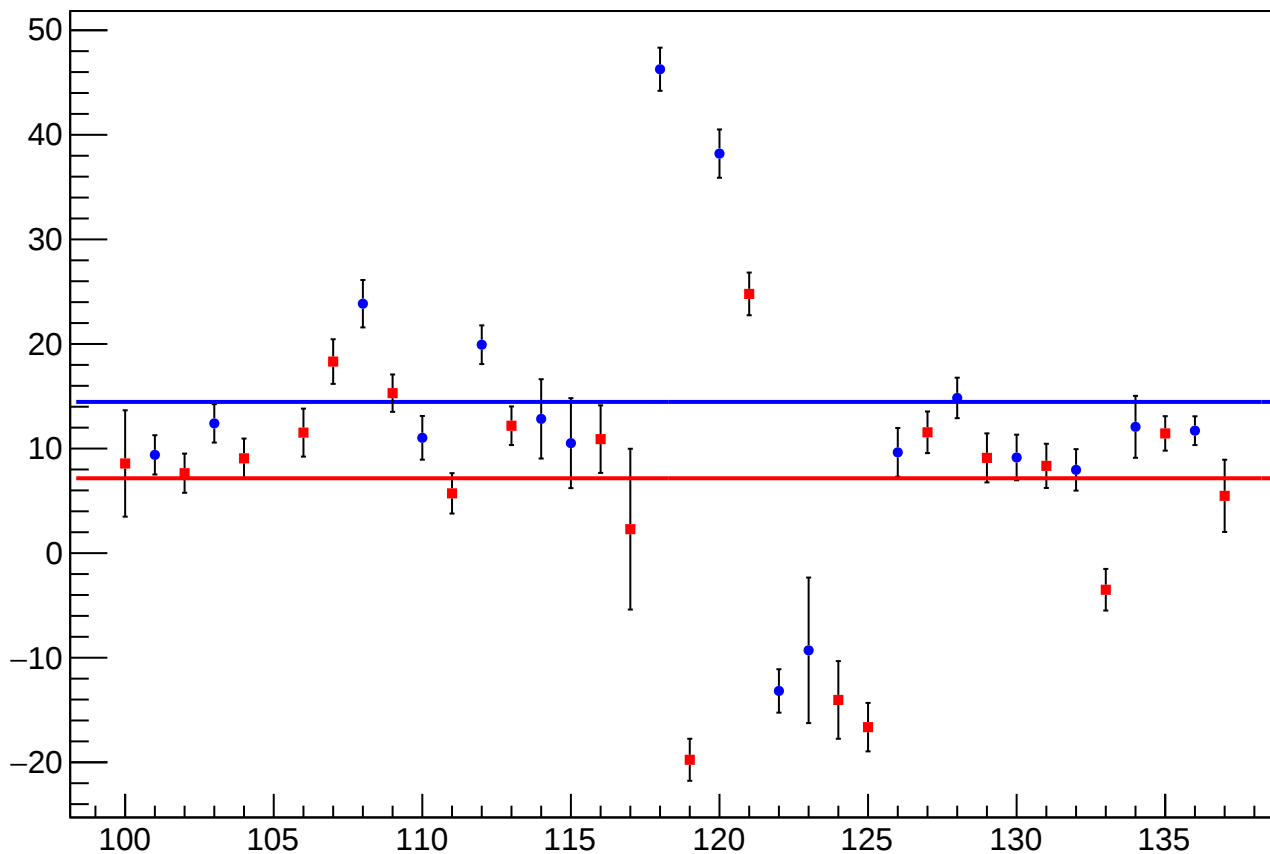
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1549.933+/-0.310 χ^2/NDF : 1560233.3/36

1534.225+/-0.428 χ^2/NDF : 883947.6/19

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: 7.161+/-0.493 χ^2/NDF : 496.1/19

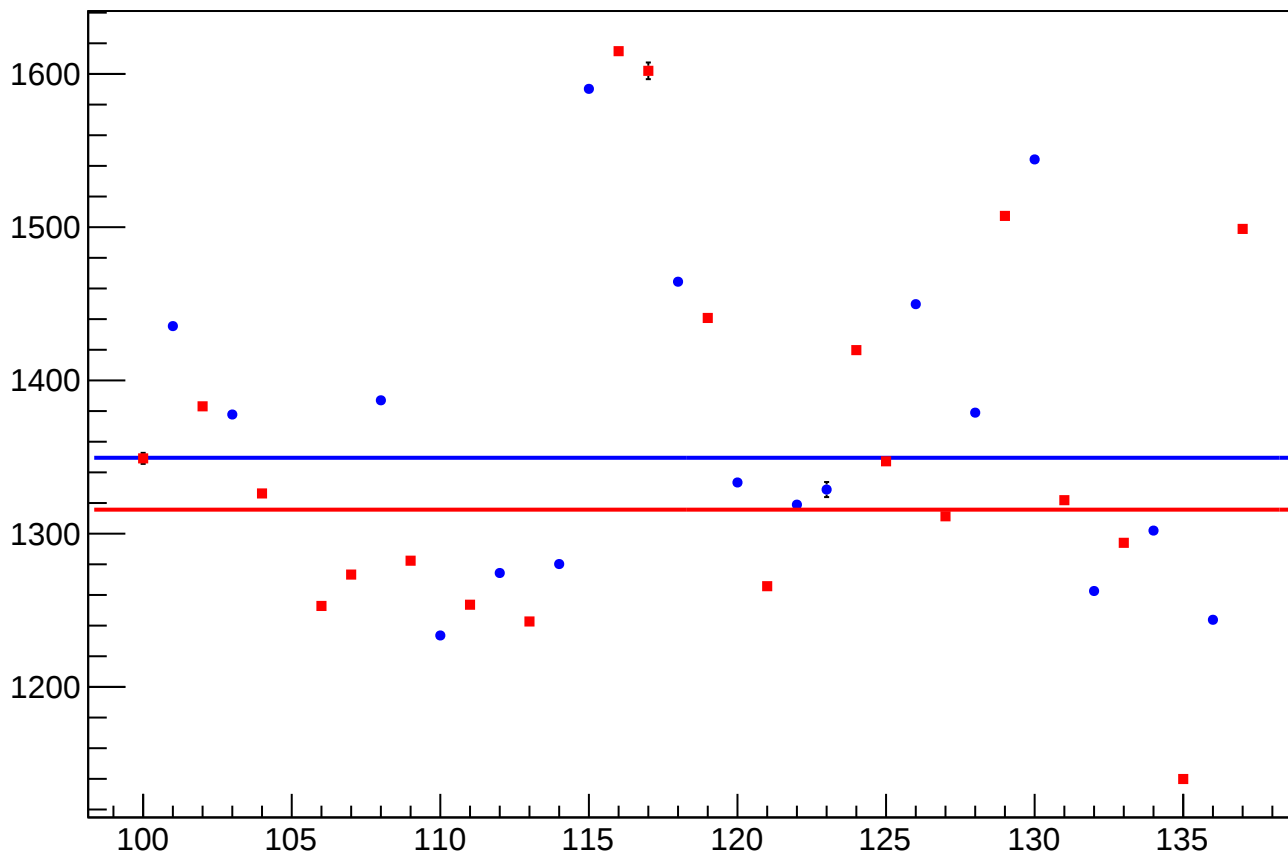
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.461+/-0.523 χ^2/NDF : 595.9/16

10.597+/-0.359 χ^2/NDF : 1195.0/36

7.161+/-0.493 χ^2/NDF : 496.1/19

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: 1315.669+/-0.349 χ^2/NDF : 83739.0/19

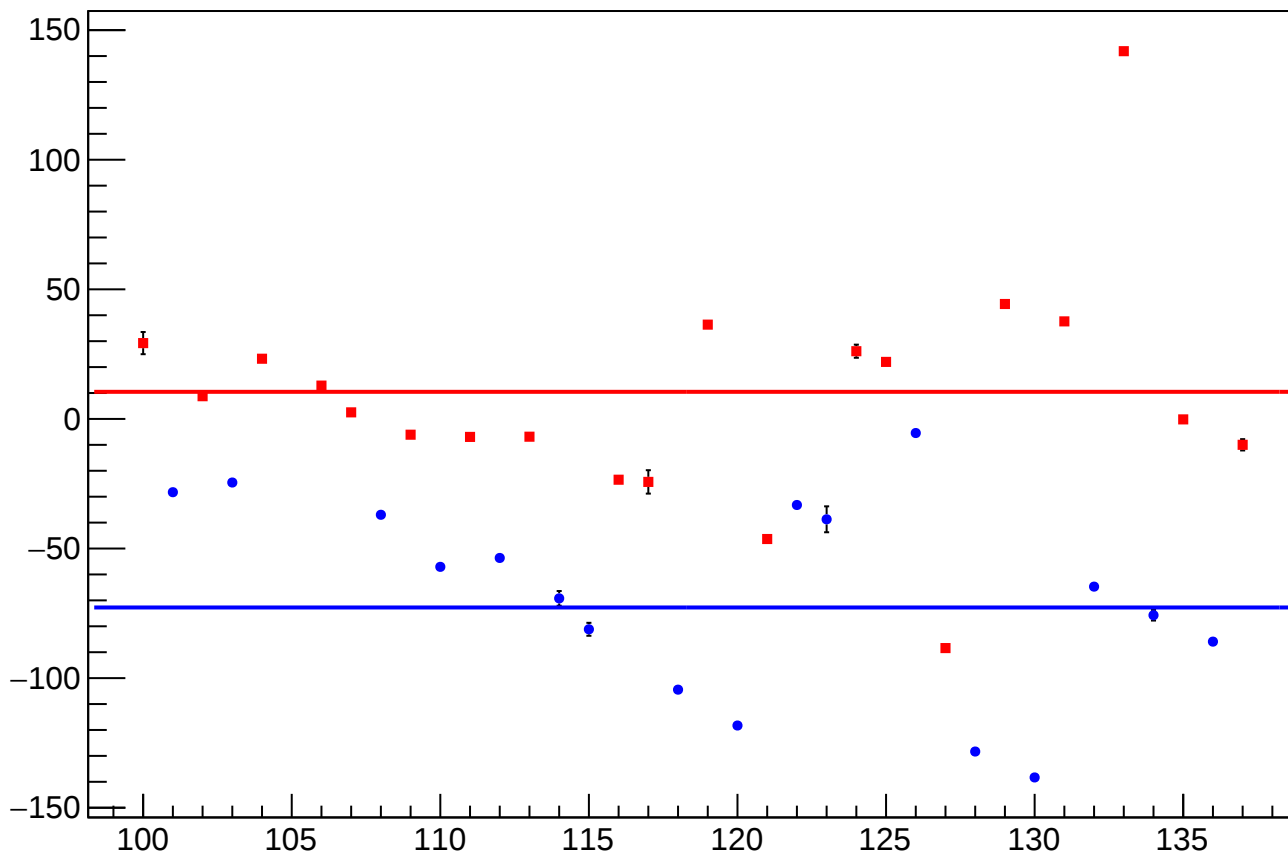
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1349.522+/-0.370 χ^2/NDF : 64667.6/16

1331.602+/-0.254 χ^2/NDF : 152838.8/36

1315.669+/-0.349 χ^2/NDF : 83739.0/19

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: 10.459 ± 0.351 χ^2/NDF : 18230.6/19

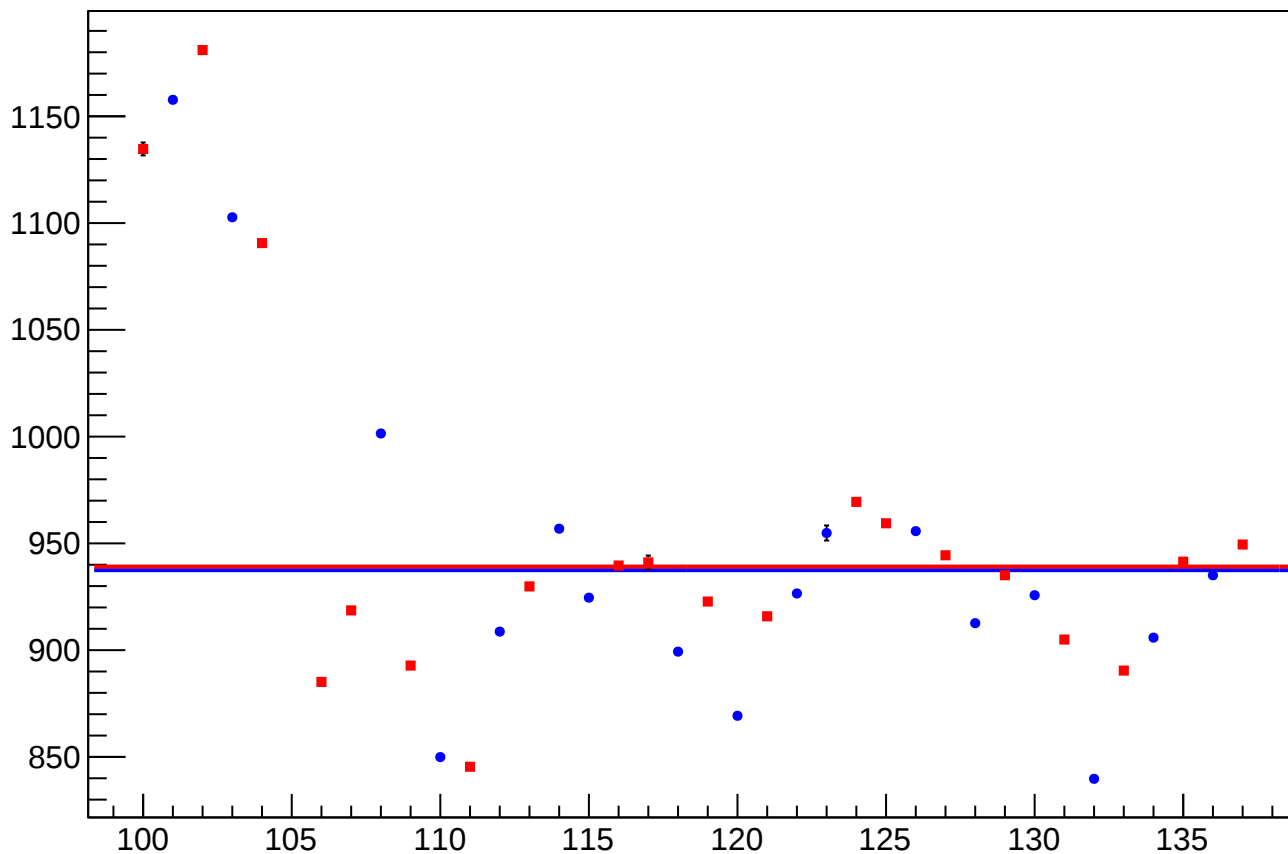
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-72.741 ± 0.362 χ^2/NDF : 11690.4/16

-29.848 ± 0.252 χ^2/NDF : 57100.8/36

10.459 ± 0.351 χ^2/NDF : 18230.6/19

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: 939.152+/-0.248 χ^2/NDF : 90253.6/19

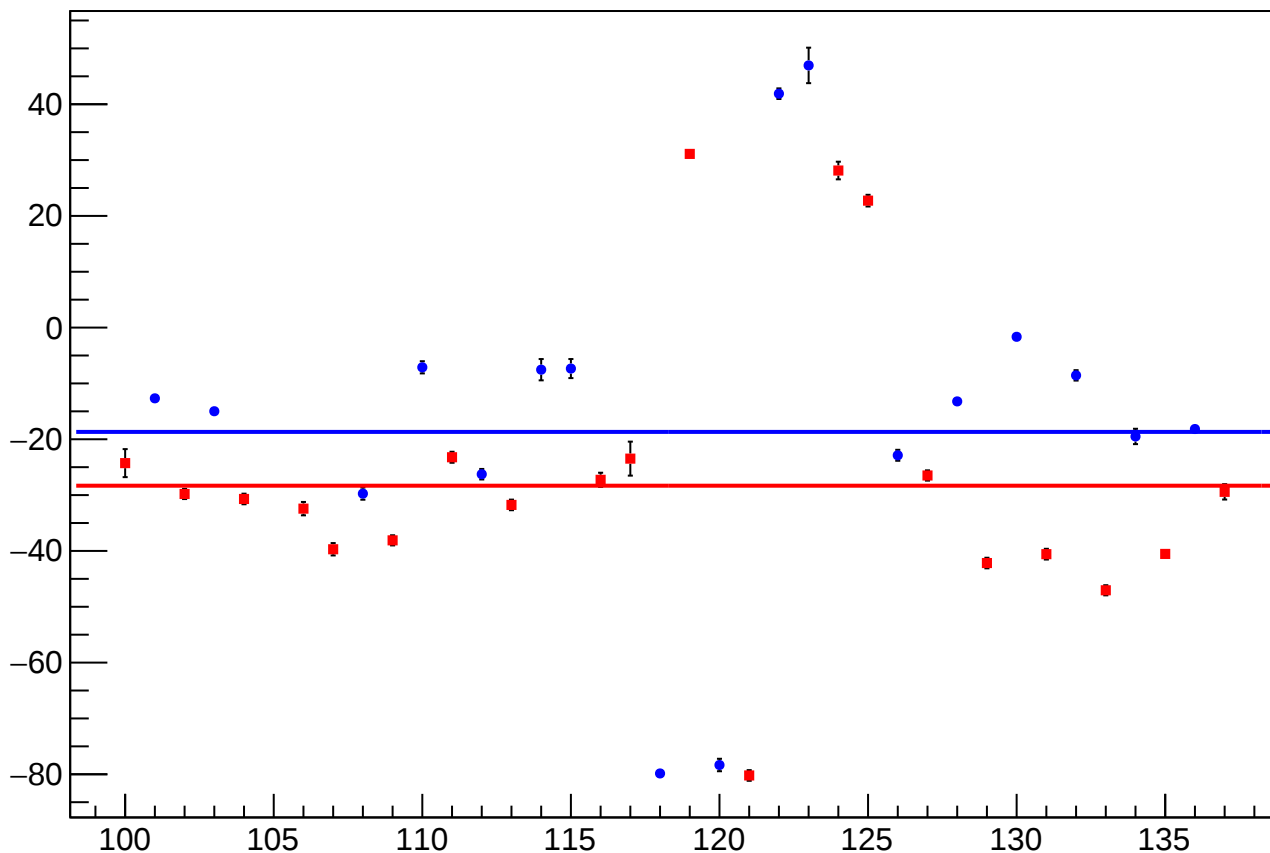
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.454+/-0.256 χ^2/NDF : 98307.6/16

938.329+/-0.178 χ^2/NDF : 188583.8/36

939.152+/-0.248 χ^2/NDF : 90253.6/19

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: -28.318 ± 0.235 χ^2/NDF : 12510.6/19

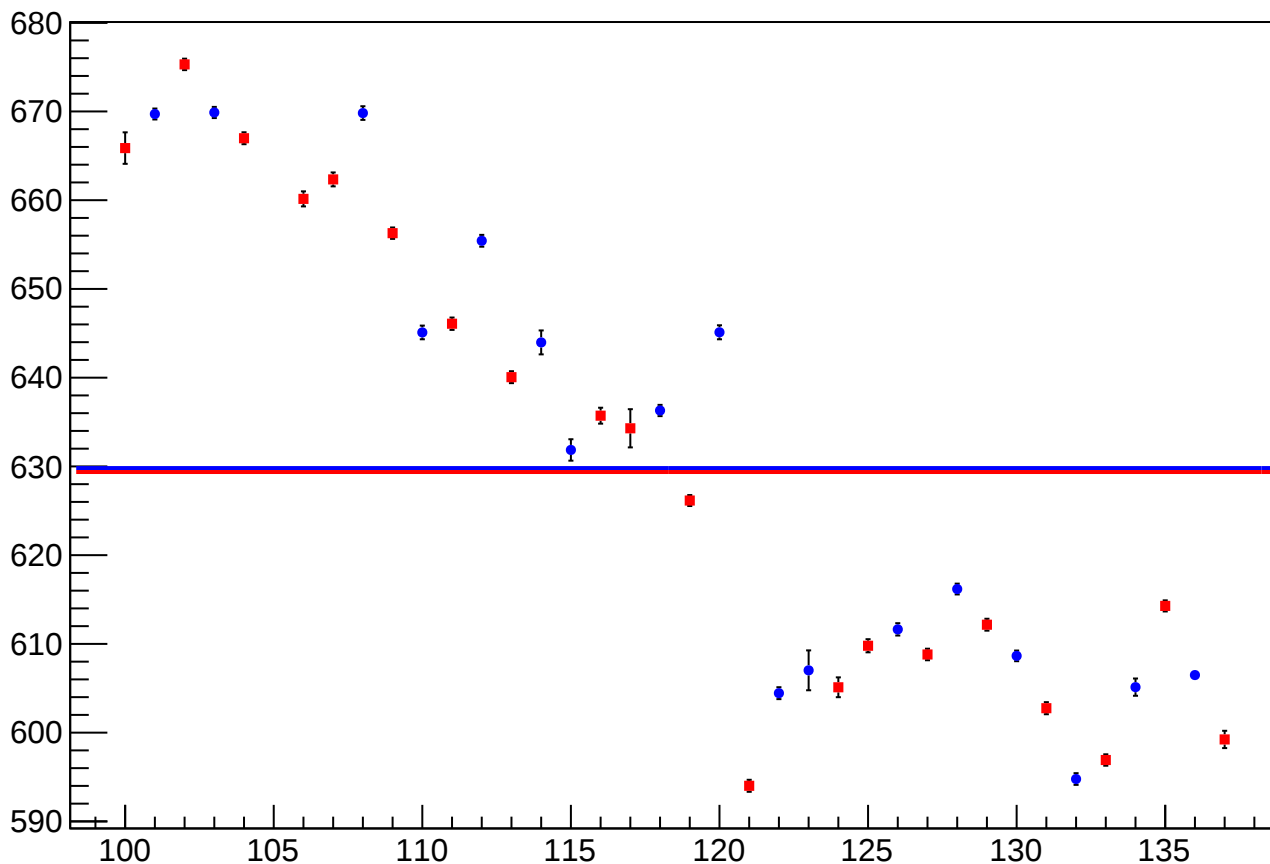
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.683 ± 0.243 χ^2/NDF : 13006.2/16

-23.660 ± 0.169 χ^2/NDF : 26331.2/36

-28.318 ± 0.235 χ^2/NDF : 12510.6/19

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 629.815 $\pm$ 0.172 χ^2 /NDF: 23298.3/16

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

Right Out: 629.370 $\pm$ 0.166 χ^2 /NDF: 25543.7/19

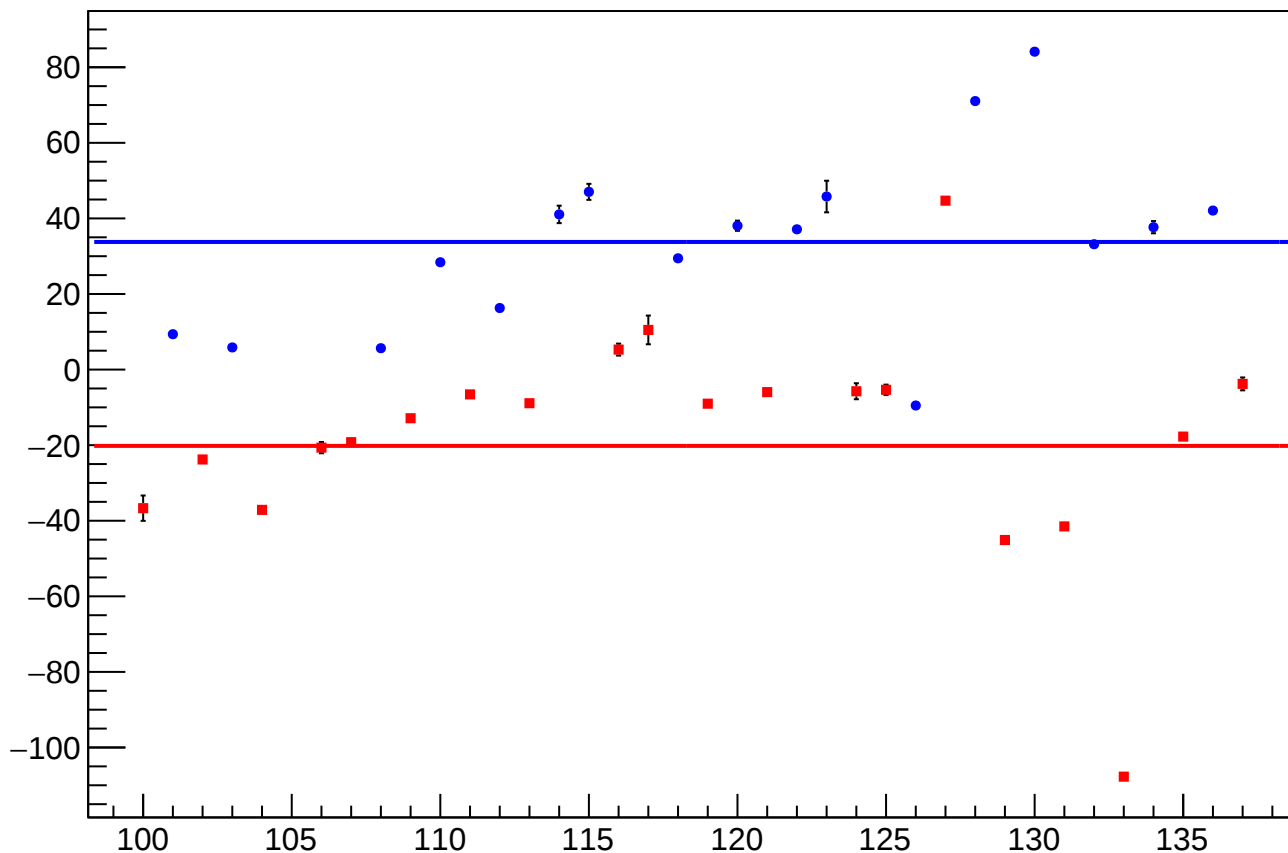
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

629.815 $\pm$ 0.172 χ^2 /NDF: 23298.3/16

629.585 $\pm$ 0.119 χ^2 /NDF: 48845.6/36

629.370 $\pm$ 0.166 χ^2 /NDF: 25543.7/19

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: -20.193+/-0.292 χ^2/NDF : 11353.3/19

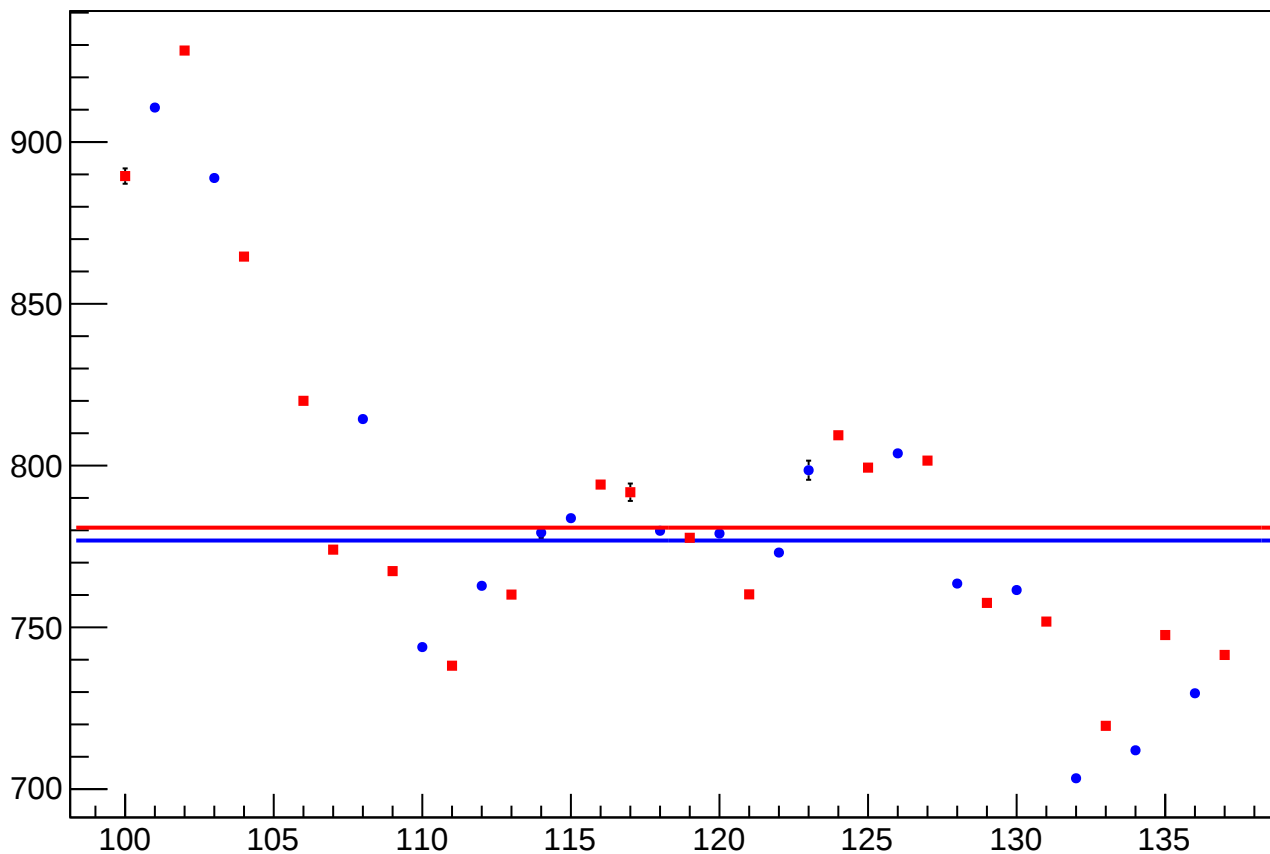
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.773+/-0.300 χ^2/NDF : 6487.9/16

6.039+/-0.209 χ^2/NDF : 34482.7/36

-20.193+/-0.292 χ^2/NDF : 11353.3/19

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 776.838+/-0.212 χ^2/NDF : 67487.1/16

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

Right Out: 780.820+/-0.206 χ^2/NDF : 57445.6/19

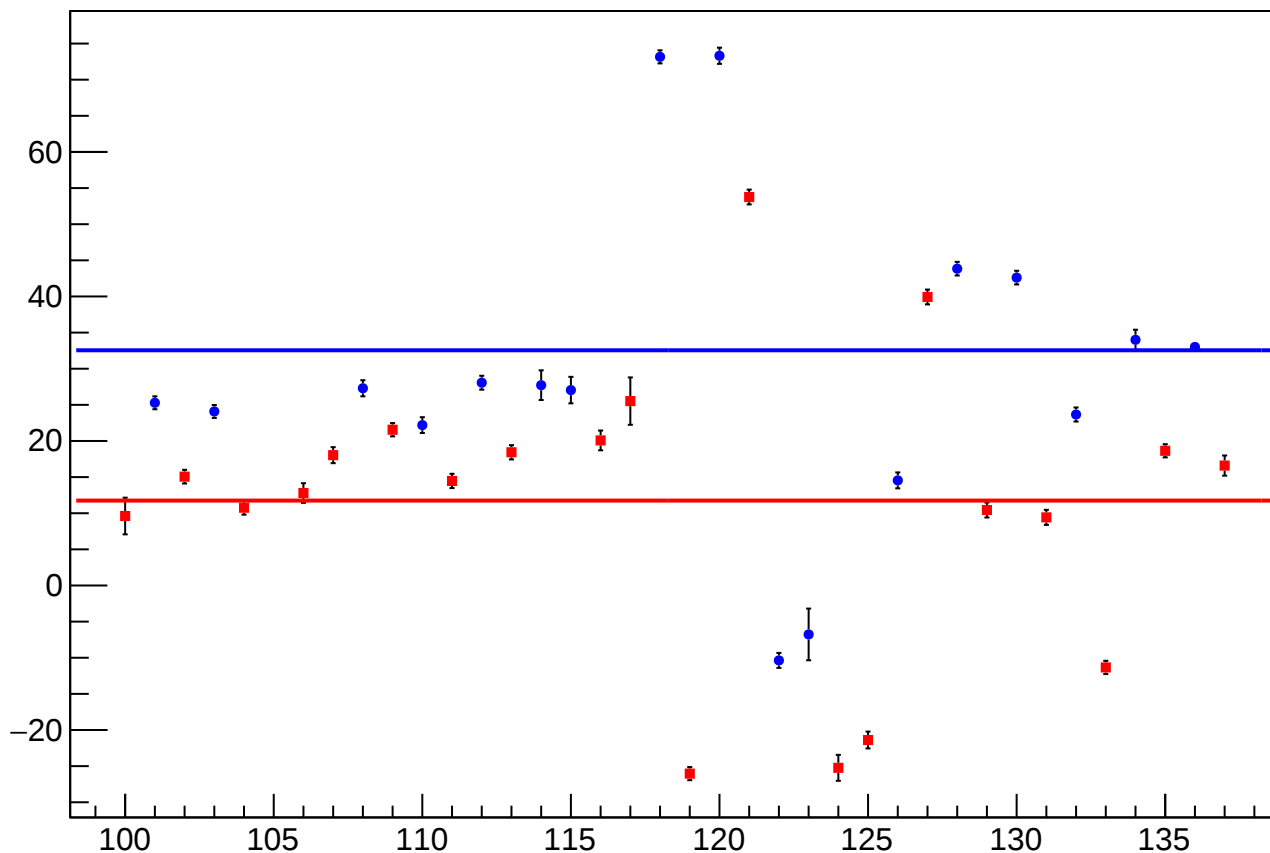
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

776.838+/-0.212 χ^2/NDF : 67487.1/16

778.884+/-0.148 χ^2/NDF : 125114.0/36

780.820+/-0.206 χ^2/NDF : 57445.6/19

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.552 $\pm$ 0.253 χ^2 /NDF: 6073.0/16

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

Right Out: 11.752 $\pm$ 0.246 χ^2 /NDF: 6375.4/19

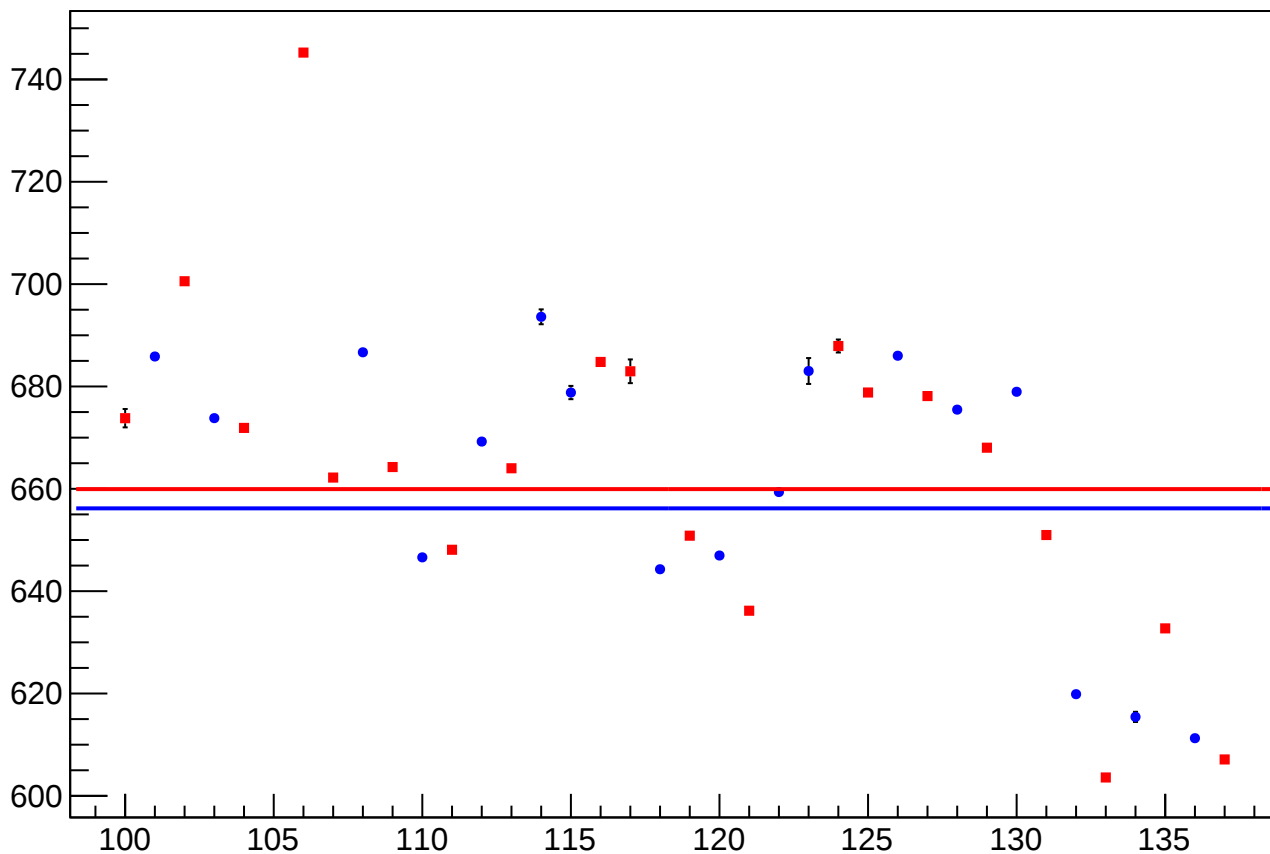
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

32.552 $\pm$ 0.253 χ^2 /NDF: 6073.0/16

21.878 $\pm$ 0.176 χ^2 /NDF: 15920.7/36

11.752 $\pm$ 0.246 χ^2 /NDF: 6375.4/19

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: 659.944+/-0.174 χ^2/NDF : 28425.0/19

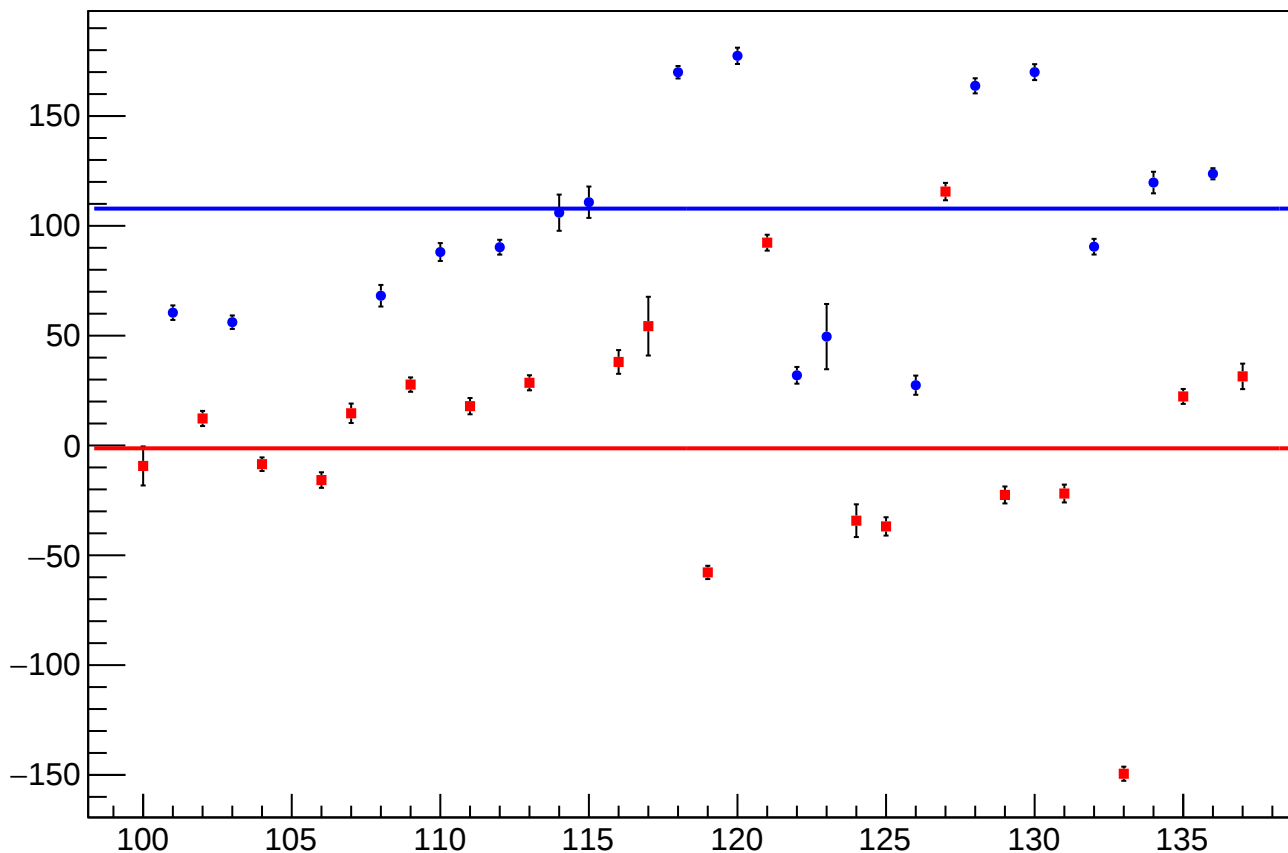
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

656.181+/-0.179 χ^2/NDF : 23569.6/16

658.112+/-0.125 χ^2/NDF : 52221.8/36

659.944+/-0.174 χ^2/NDF : 28425.0/19

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: -1.299 $\pm$ 0.881 χ^2 /NDF: 4541.1/19

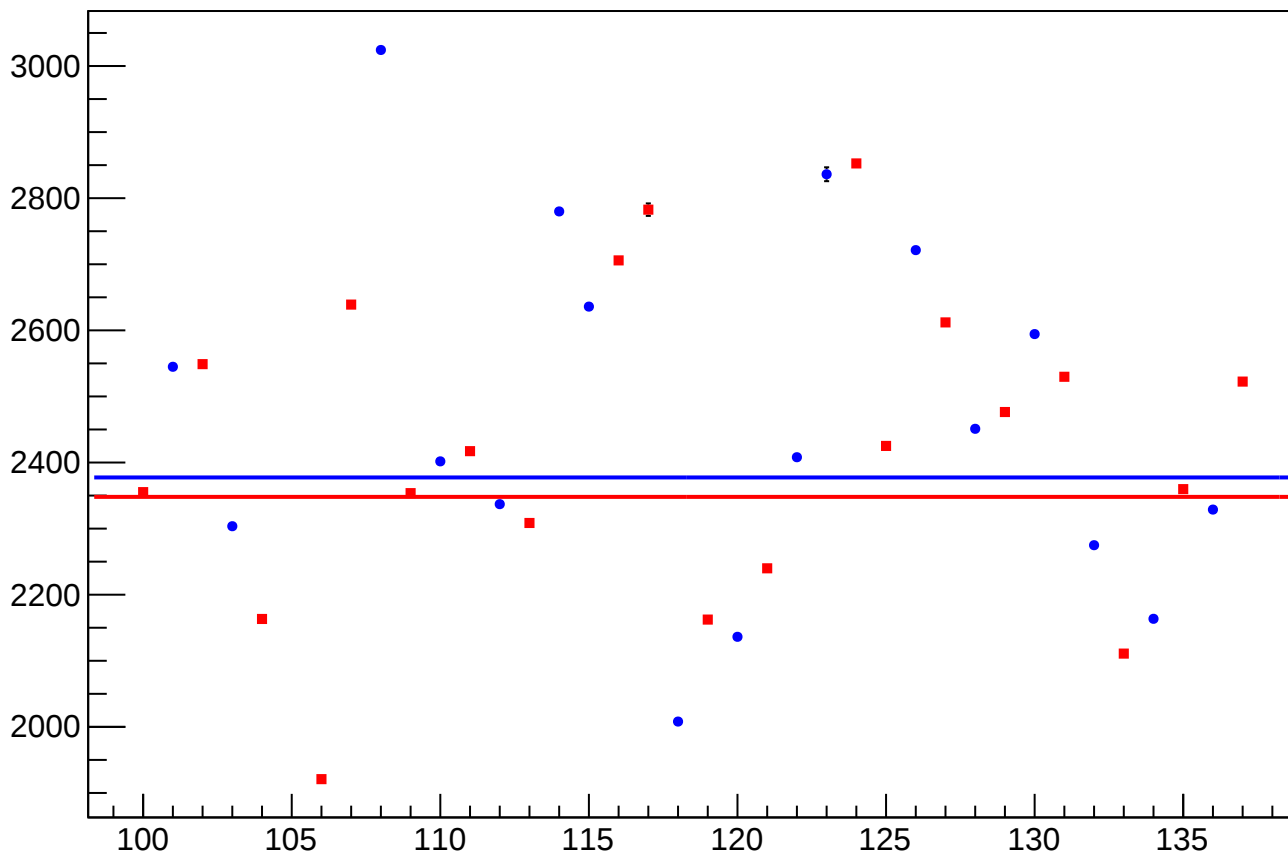
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

50.847 $\pm$ 0.637 χ^2 /NDF: 14676.9/36

-1.299 $\pm$ 0.881 χ^2 /NDF: 4541.1/19

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2377.423 $\pm$ 0.652 χ^2 /NDF: 119648.6/16

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

Right Out: 2348.017 $\pm$ 0.623 χ^2 /NDF: 110379.6/19

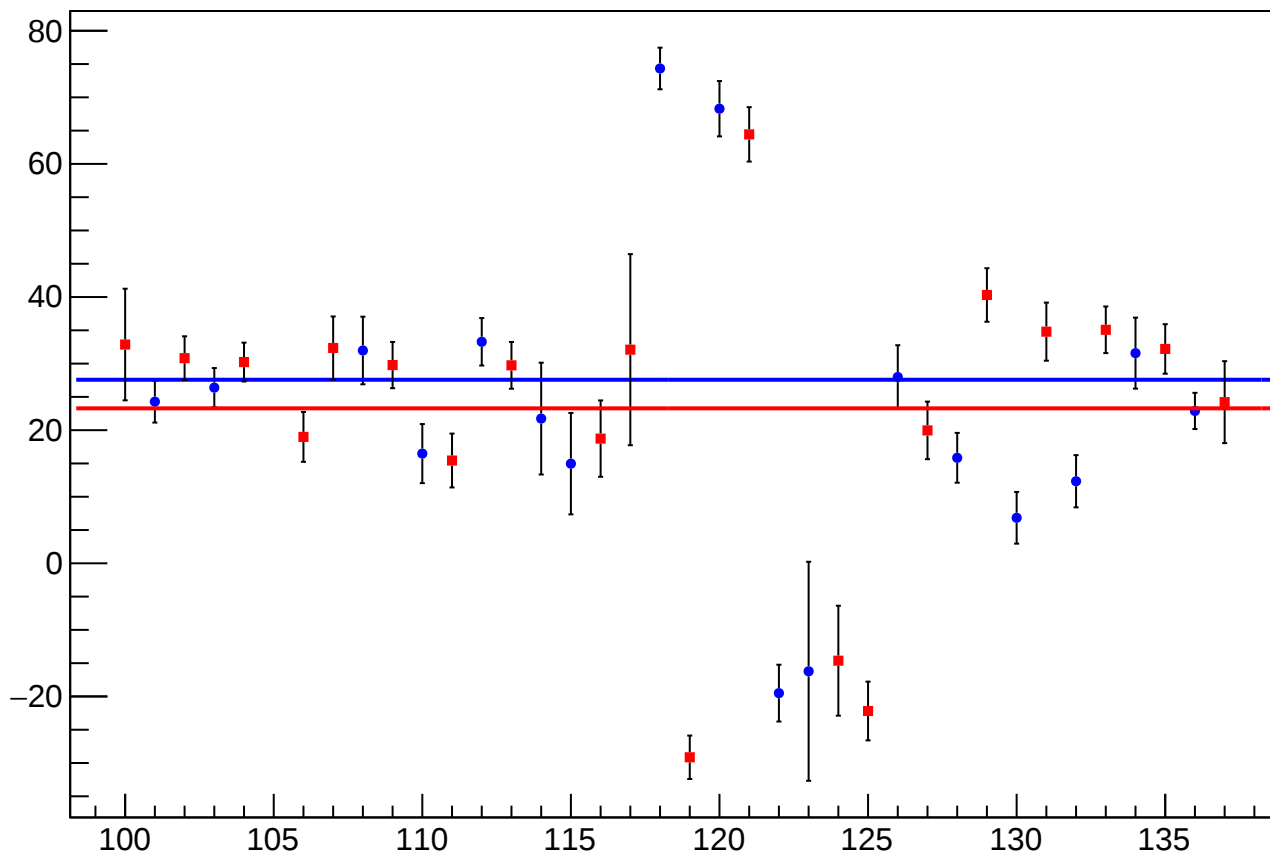
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2377.423 $\pm$ 0.652 χ^2 /NDF: 119648.6/16

2362.066 $\pm$ 0.450 χ^2 /NDF: 231091.7/36

2348.017 $\pm$ 0.623 χ^2 /NDF: 110379.6/19

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: 23.280+/-0.925 χ^2 /NDF: 558.2/19

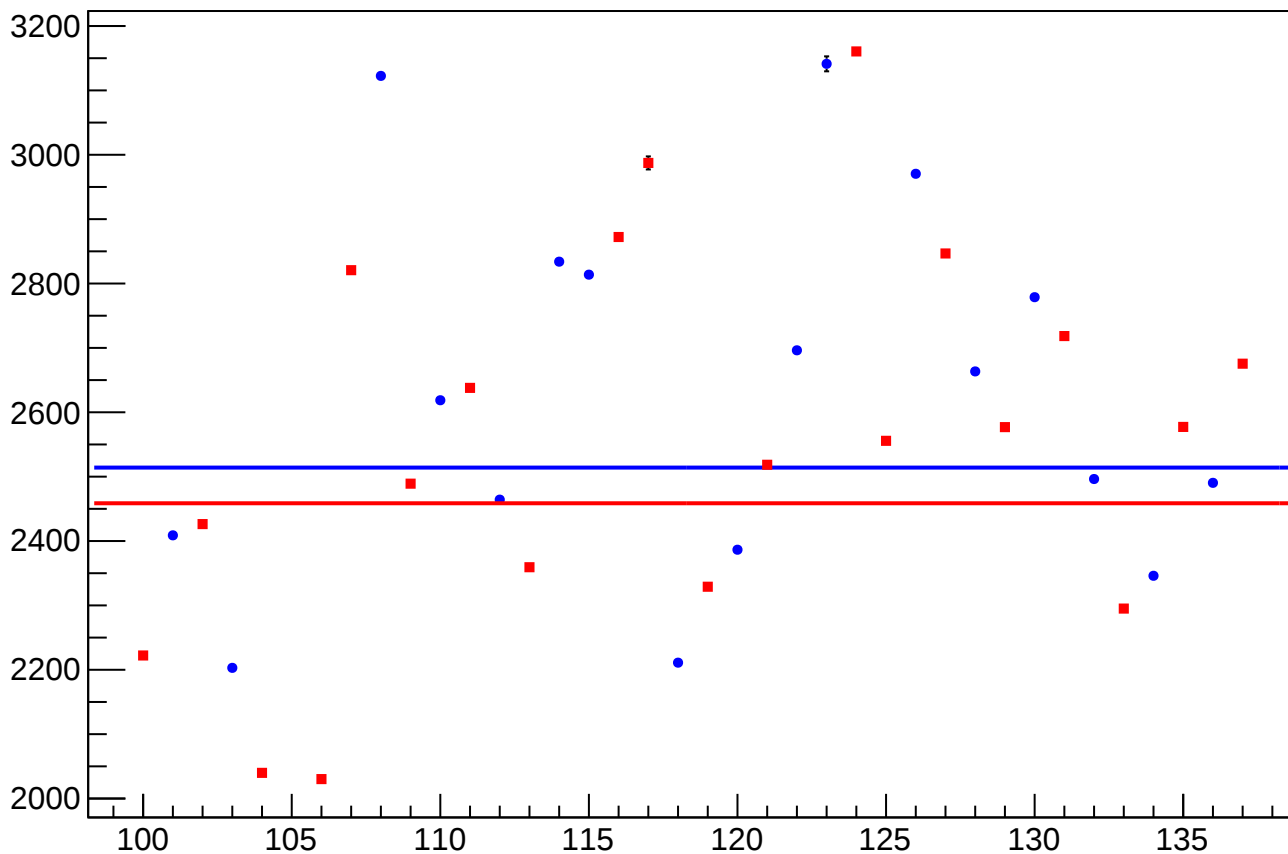
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.577+/-0.975 χ^2 /NDF: 519.6/16

25.316+/-0.671 χ^2 /NDF: 1088.0/36

23.280+/-0.925 χ^2 /NDF: 558.2/19

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: 2458.665+/-0.654 χ^2/NDF : 152458.1/19

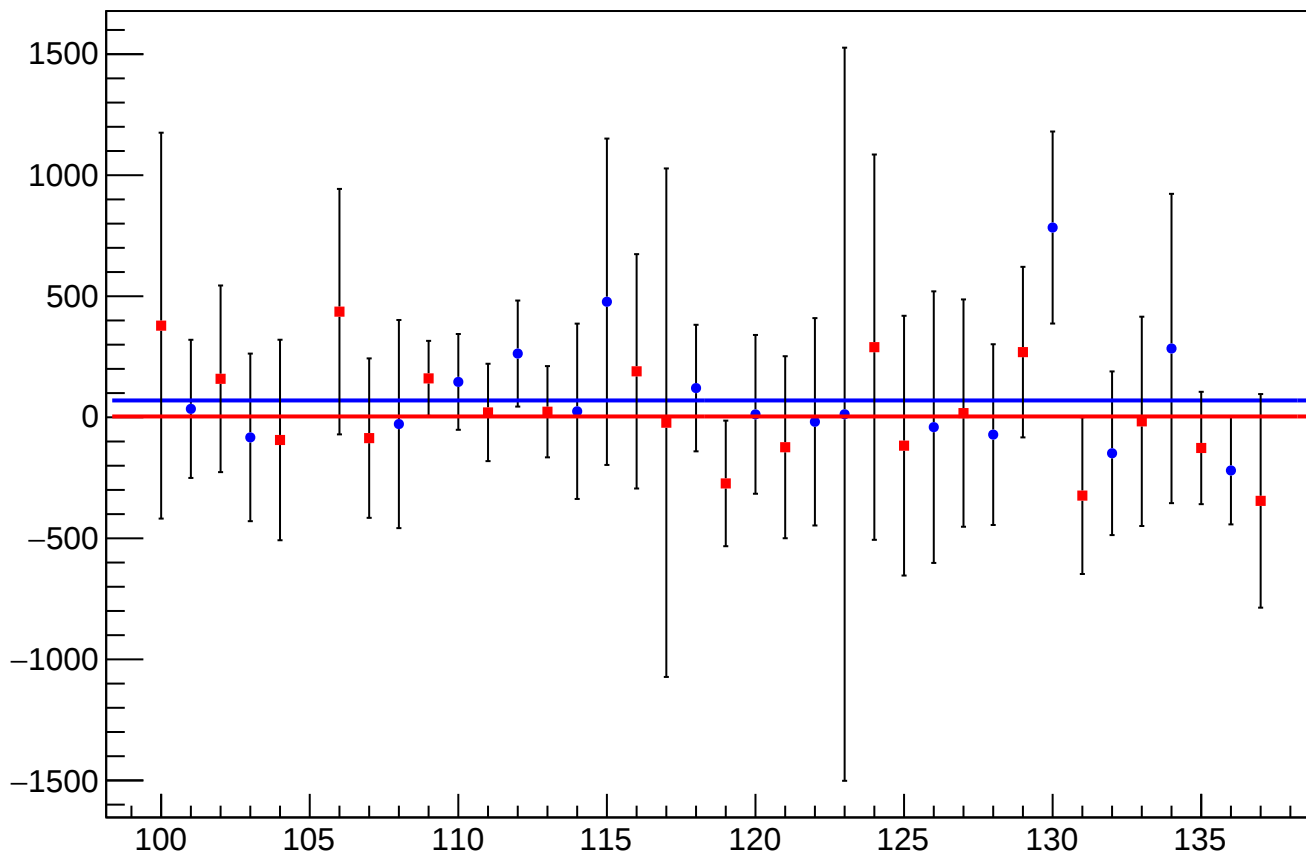
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2484.928+/-0.474 χ^2/NDF : 276821.2/36

2458.665+/-0.654 χ^2/NDF : 152458.1/19

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 69.587 $\pm$ 79.023 χ^2 /NDF: 7.3/16

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

Right Out: 3.448 $\pm$ 69.825 χ^2 /NDF: 6.4/19

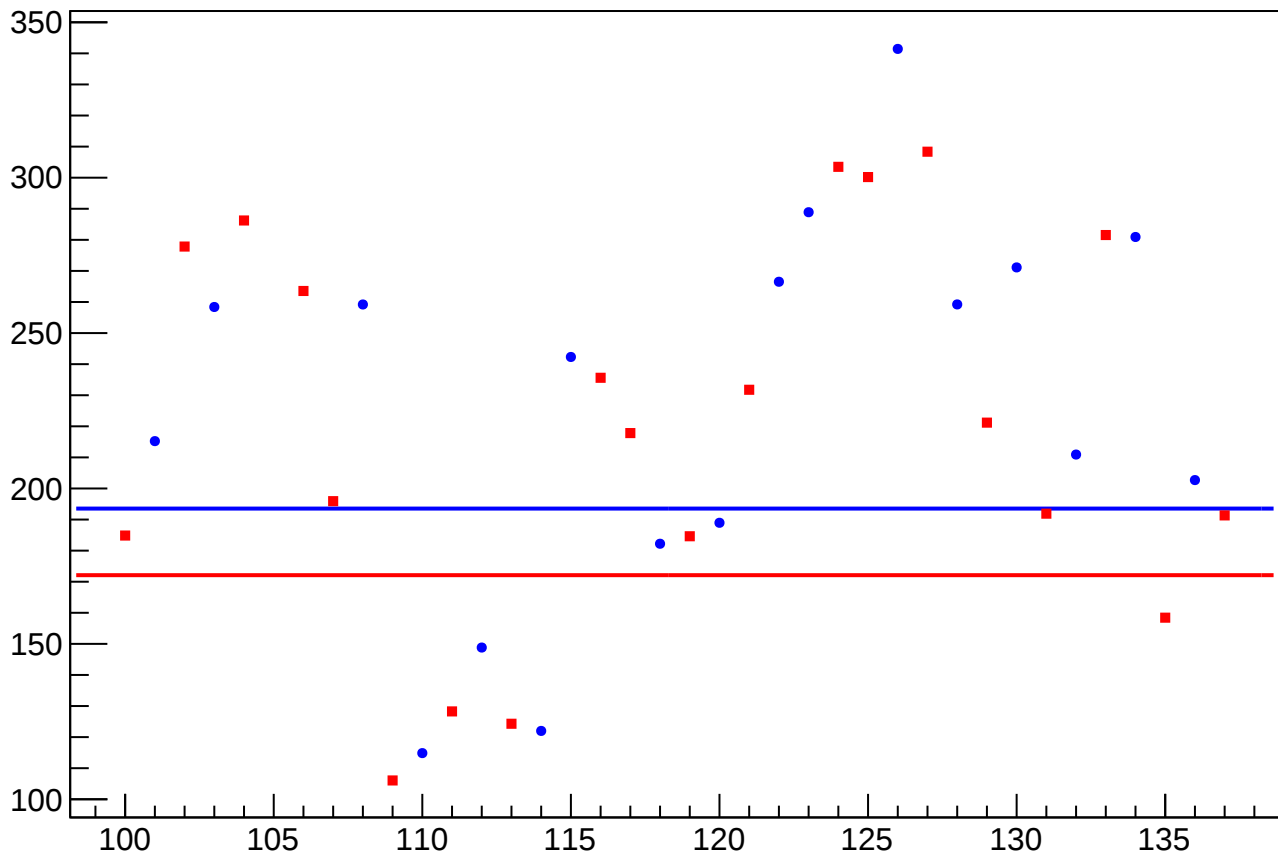
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.587 $\pm$ 79.023 χ^2 /NDF: 7.3/16

32.445 $\pm$ 52.325 χ^2 /NDF: 14.1/36

3.448 $\pm$ 69.825 χ^2 /NDF: 6.4/19

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: 172.104+/-0.049 χ^2/NDF : 1580690.9/19

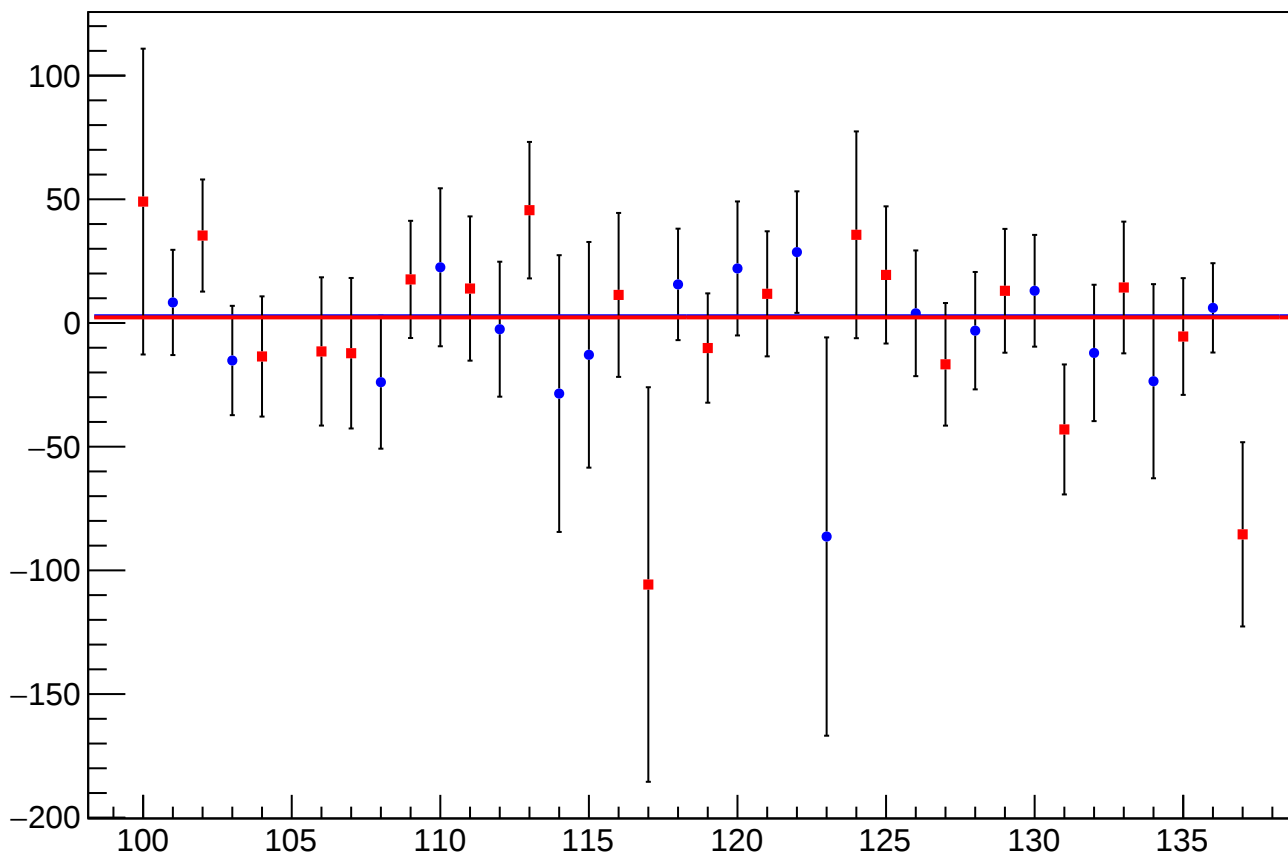
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

181.499+/-0.037 χ^2/NDF : 2673711.3/36

172.104+/-0.049 χ^2/NDF : 1580690.9/19

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.733+/-6.424 χ^2/NDF : 6.8/16

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

Right Out: 2.259+/-6.259 χ^2/NDF : 19.6/19

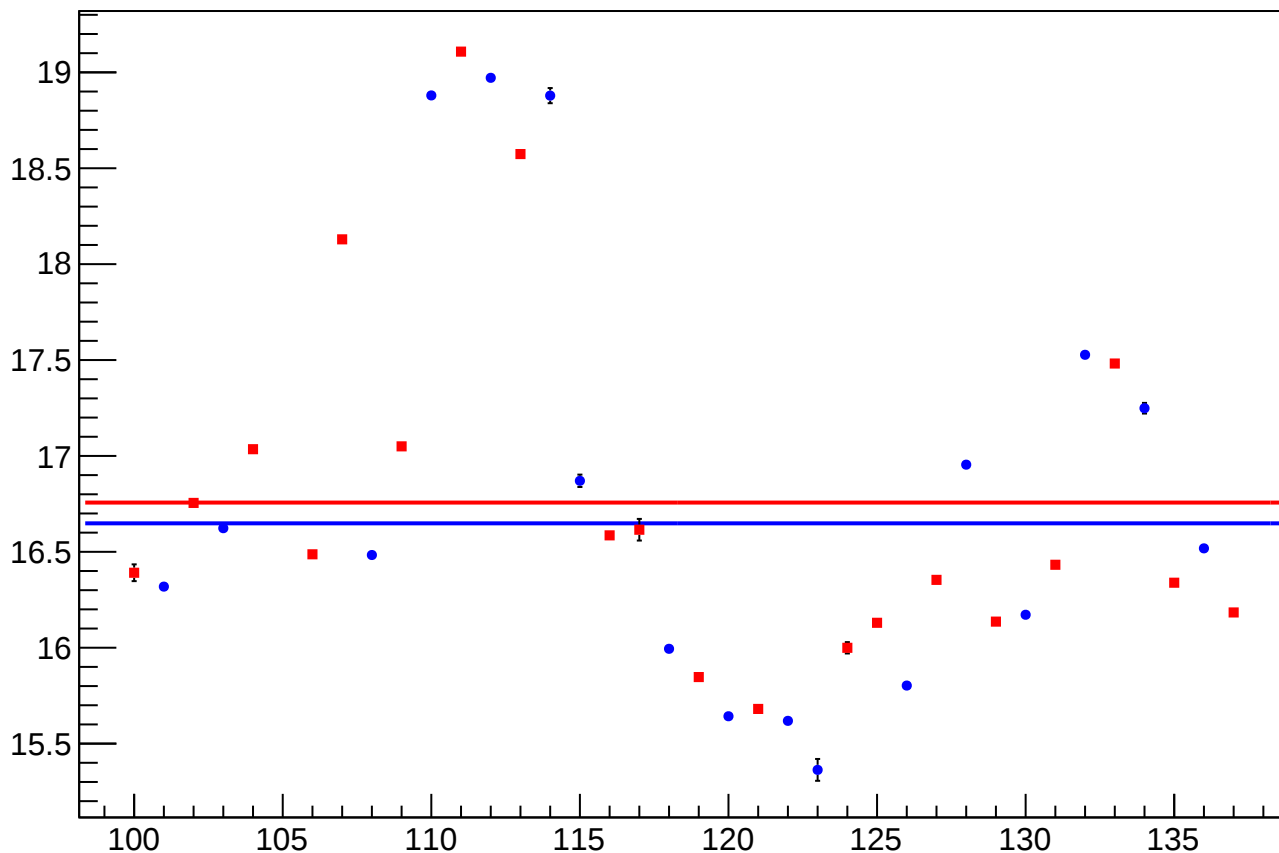
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.733+/-6.424 χ^2/NDF : 6.8/16

2.490+/-4.483 χ^2/NDF : 26.4/36

2.259+/-6.259 χ^2/NDF : 19.6/19

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: 16.757+/-0.004 χ^2/NDF : 39957.1/19

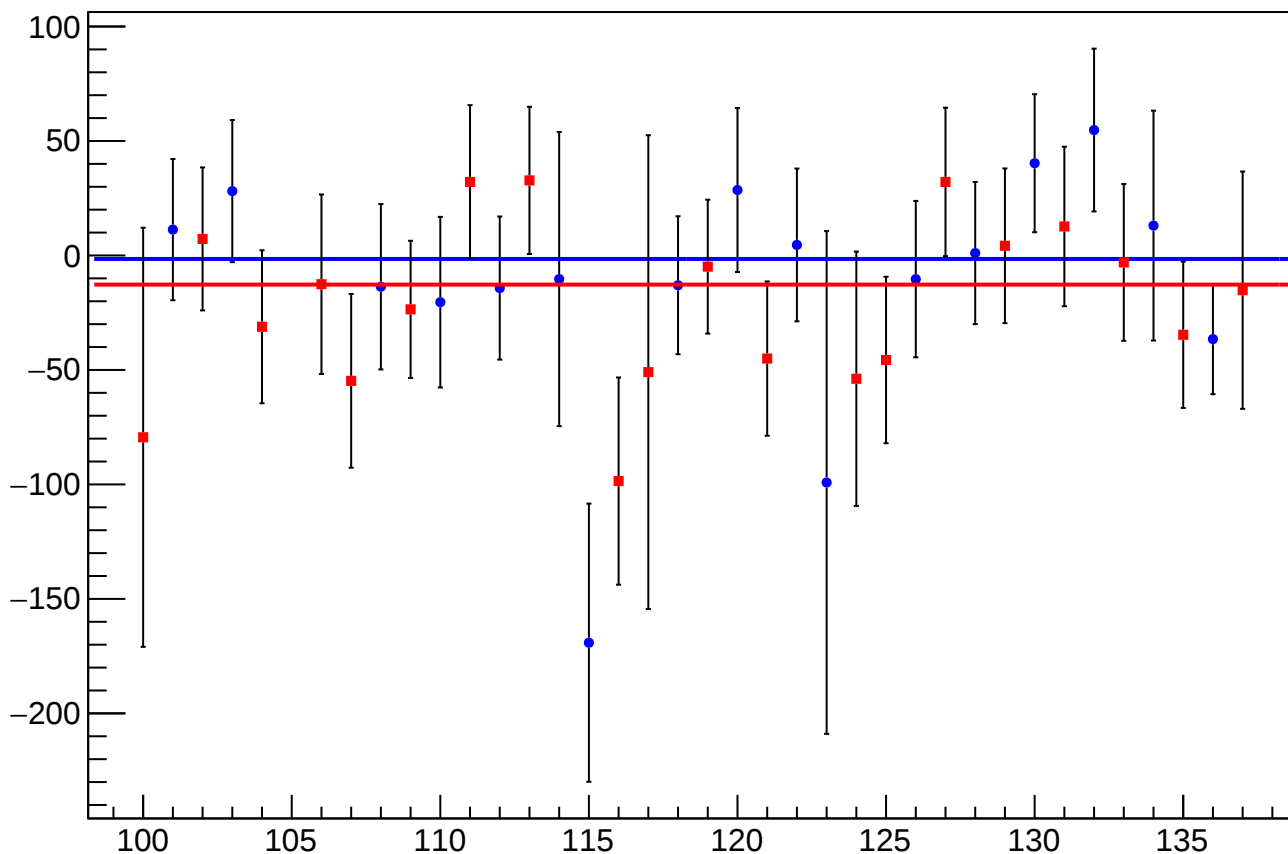
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.649+/-0.005 χ^2/NDF : 42566.9/16

16.704+/-0.003 χ^2/NDF : 82815.5/36

16.757+/-0.004 χ^2/NDF : 39957.1/19

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: -12.716+/-8.185 χ^2 /NDF: 15.7/19

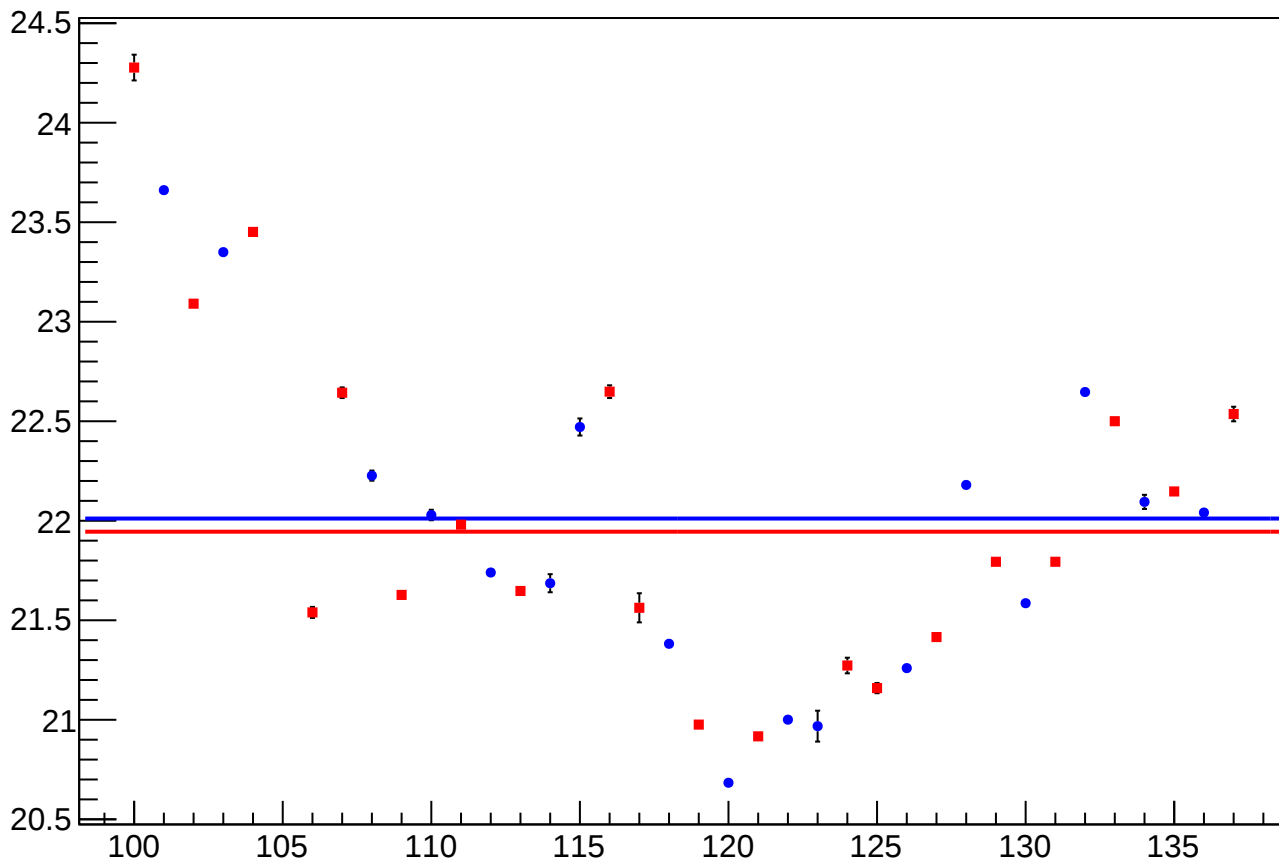
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.523+/-8.485 χ^2 /NDF: 17.6/16

-7.321+/-5.891 χ^2 /NDF: 34.3/36

-12.716+/-8.185 χ^2 /NDF: 15.7/19

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.011+/-0.006 $\chi^2/\text{NDF}: 17546.9/16$

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

Right Out: 21.945+/-0.006 $\chi^2/\text{NDF}: 16620.2/19$

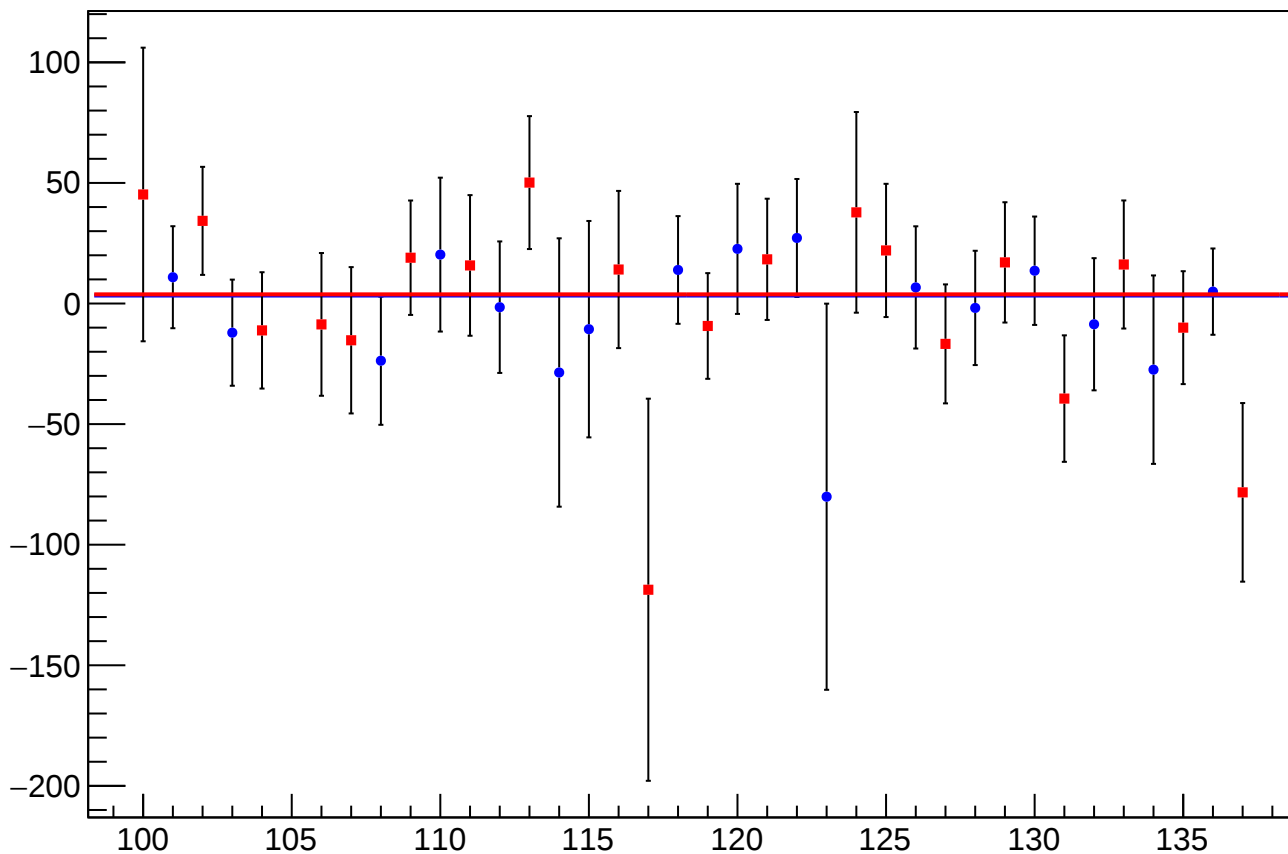
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

22.011+/-0.006 $\chi^2/\text{NDF}: 17546.9/16$

21.977+/-0.004 $\chi^2/\text{NDF}: 34230.1/36$

21.945+/-0.006 $\chi^2/\text{NDF}: 16620.2/19$

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.317+/-6.388 χ^2/NDF : 6.3/16

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

Right Out: 3.800+/-6.224 χ^2/NDF : 20.1/19

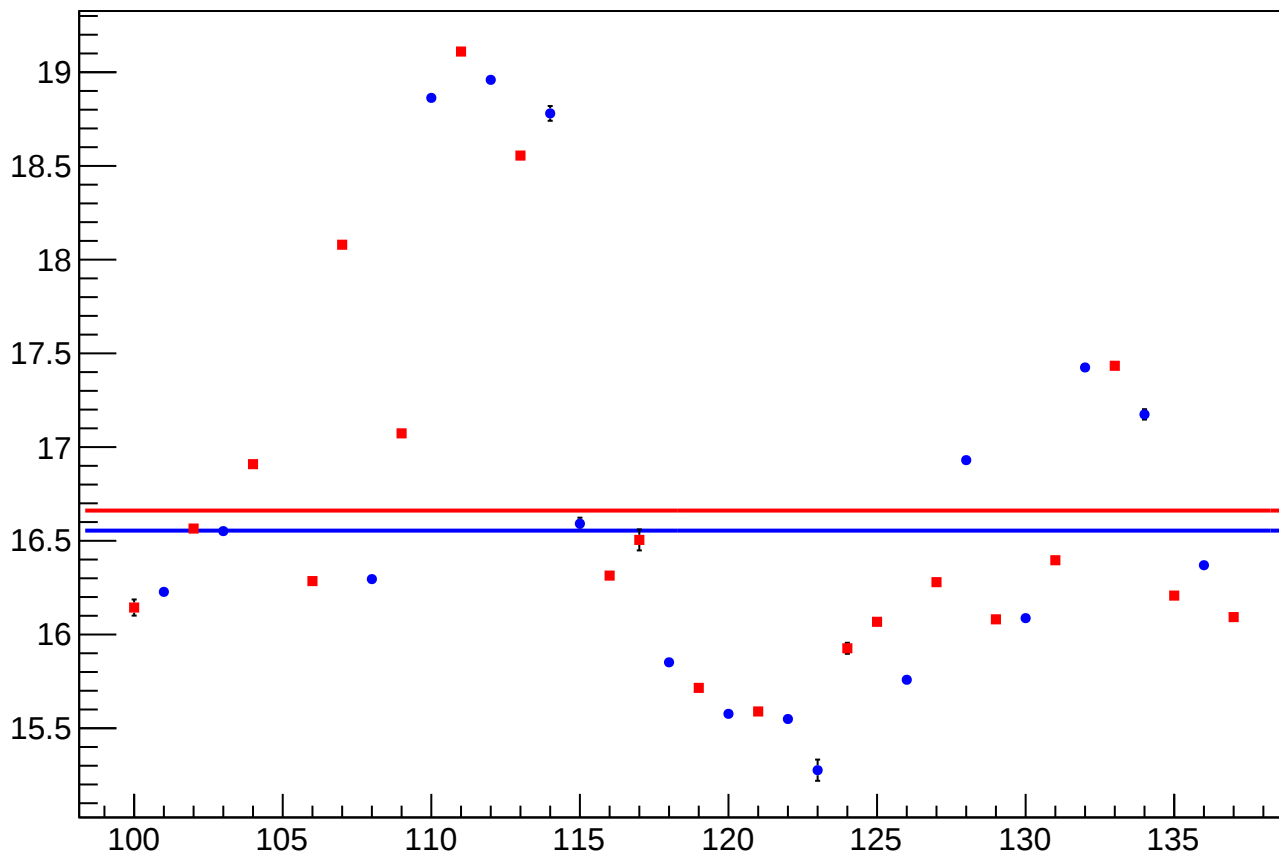
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.317+/-6.388 χ^2/NDF : 6.3/16

3.565+/-4.458 χ^2/NDF : 26.4/36

3.800+/-6.224 χ^2/NDF : 20.1/19

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: 16.661+/-0.004 χ^2 /NDF: 43071.4/19

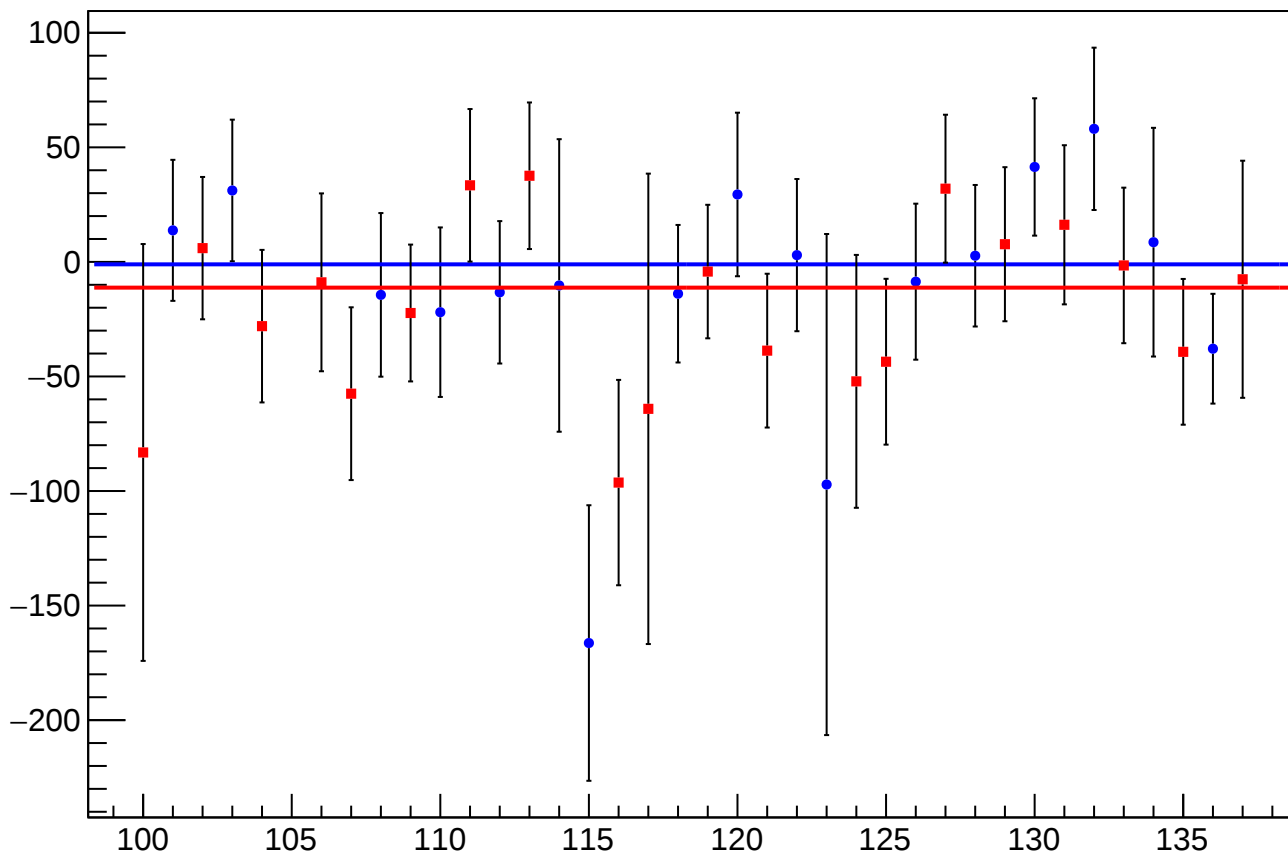
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

16.554+/-0.005 χ^2 /NDF: 44475.2/16

16.609+/-0.003 χ^2 /NDF: 87834.2/36

16.661+/-0.004 χ^2 /NDF: 43071.4/19

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: -11.235+/-8.143 χ^2/NDF : 16.5/19

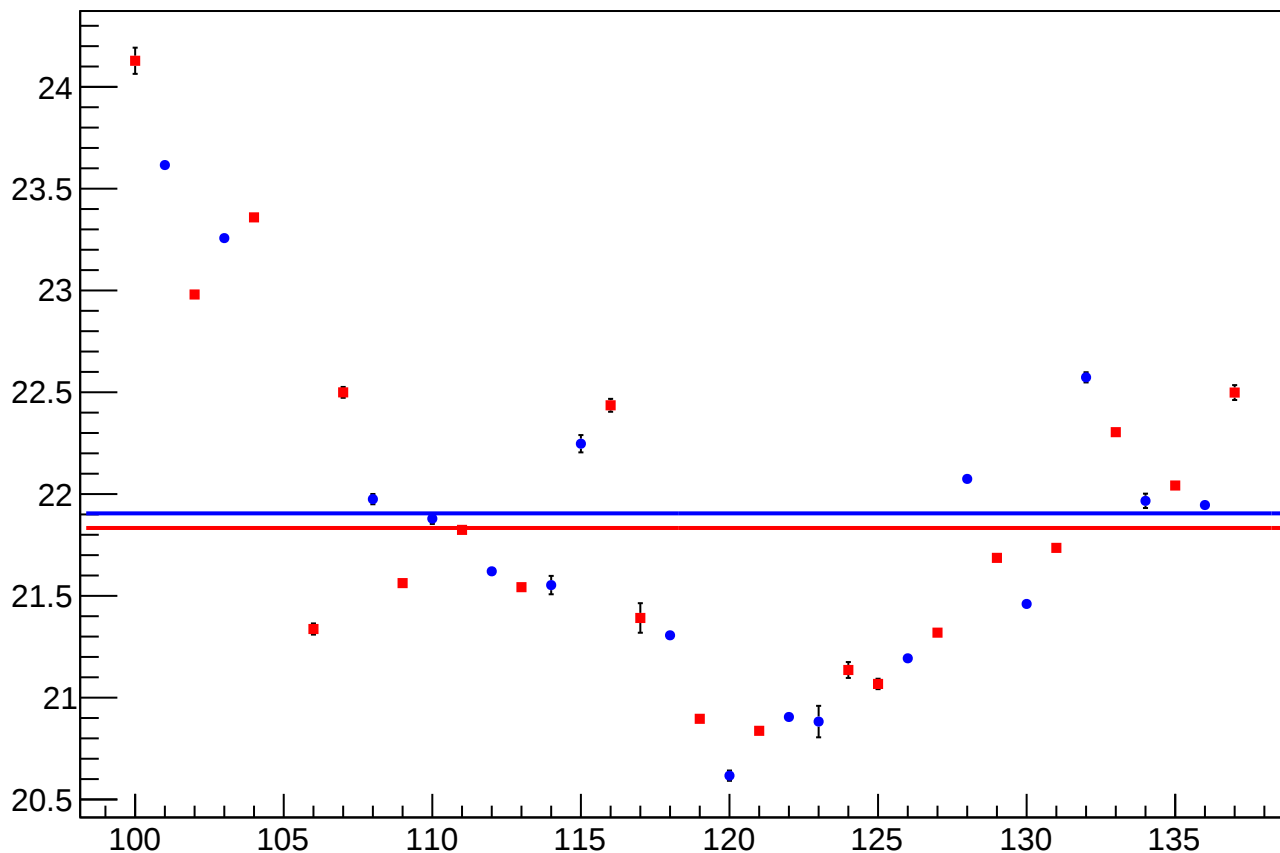
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.068+/-8.444 χ^2/NDF : 18.5/16

-6.336+/-5.862 χ^2/NDF : 35.7/36

-11.235+/-8.143 χ^2/NDF : 16.5/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.905 $\pm$ 0.006 χ^2 /NDF: 17794.2/16

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

Right Out: 21.833 $\pm$ 0.006 χ^2 /NDF: 16288.5/19

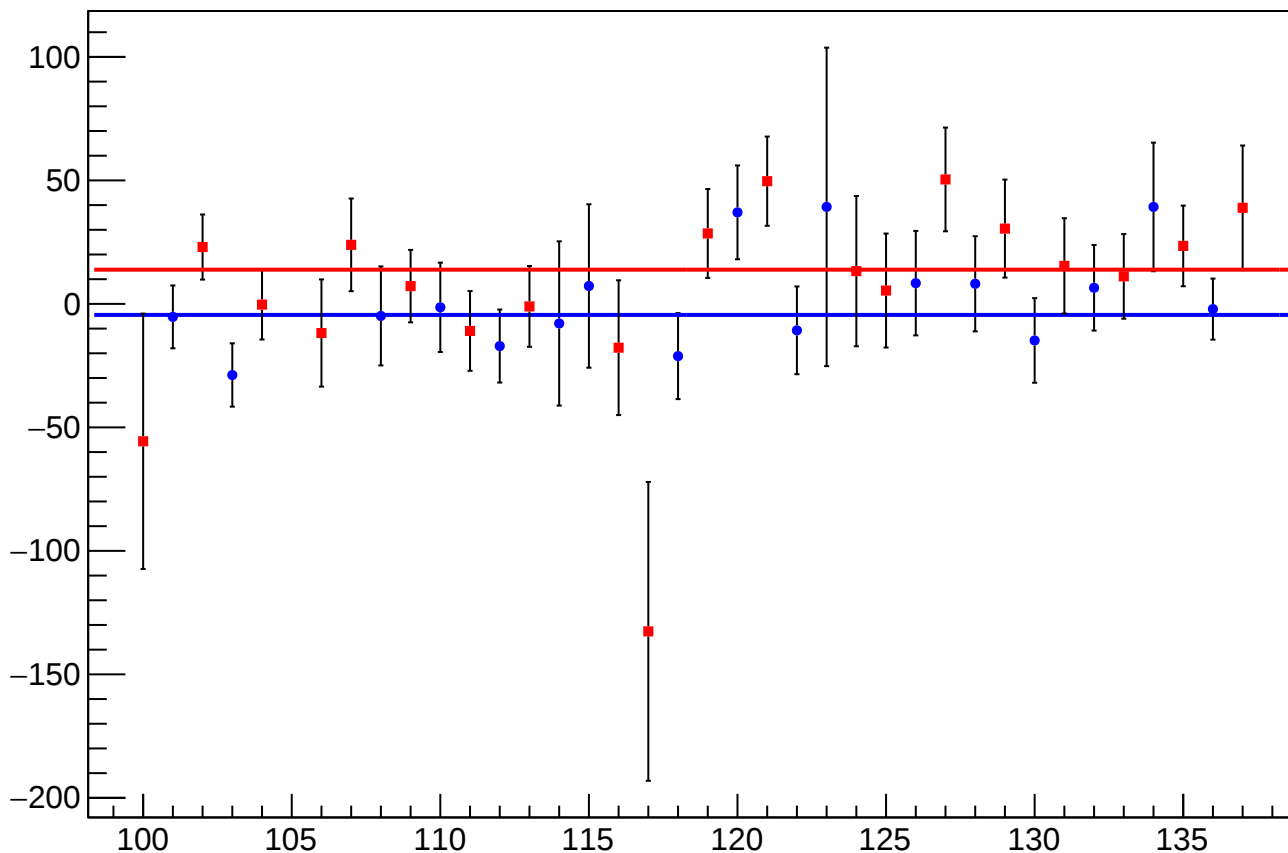
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.905 $\pm$ 0.006 χ^2 /NDF: 17794.2/16

21.868 $\pm$ 0.004 χ^2 /NDF: 34157.6/36

21.833 $\pm$ 0.006 χ^2 /NDF: 16288.5/19

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.461 $\pm$ 4.329 χ^2 /NDF: 15.2/16

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

Right Out: 13.851 $\pm$ 4.253 χ^2 /NDF: 25.4/19

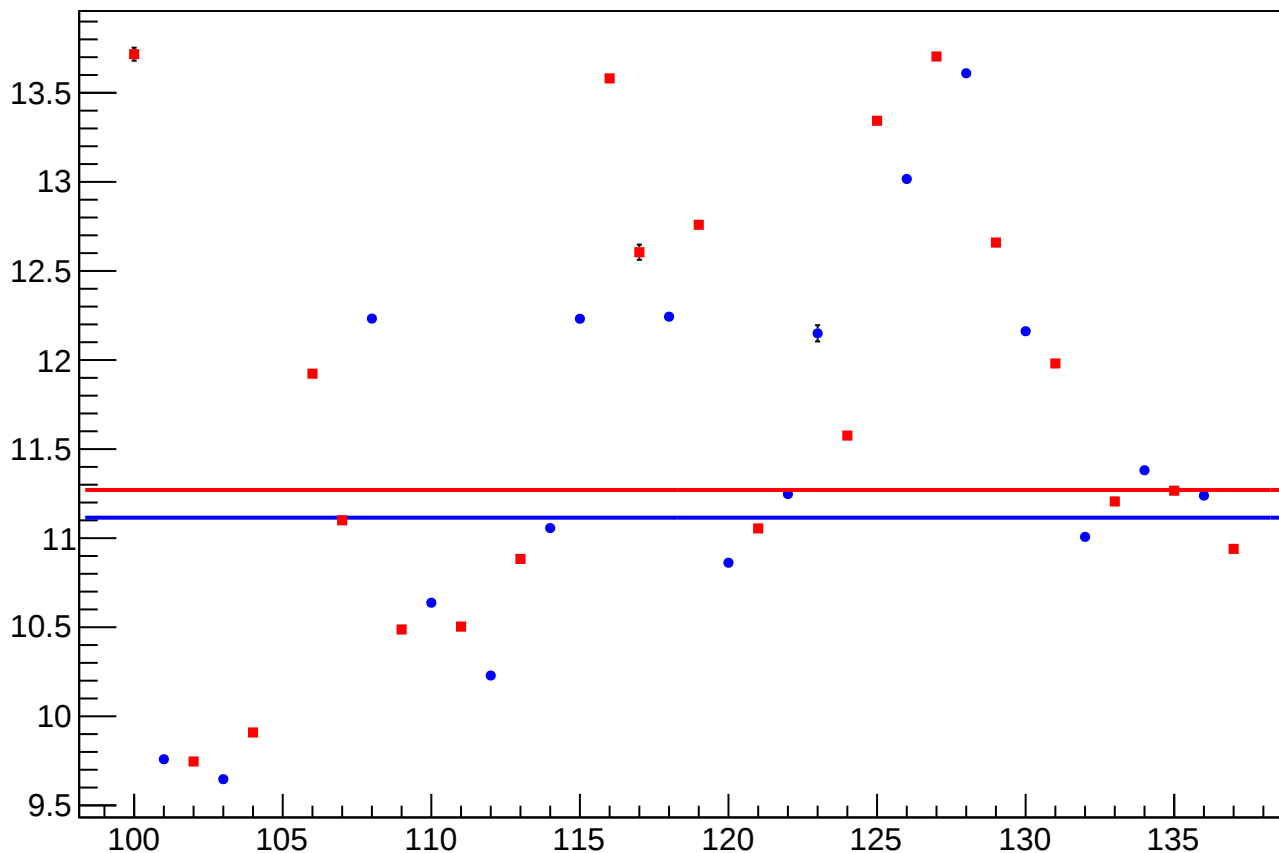
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-4.461 $\pm$ 4.329 χ^2 /NDF: 15.2/16

4.856 $\pm$ 3.034 χ^2 /NDF: 49.7/36

13.851 $\pm$ 4.253 χ^2 /NDF: 25.4/19

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: 11.271+/-0.003 χ^2/NDF : 148461.6/19

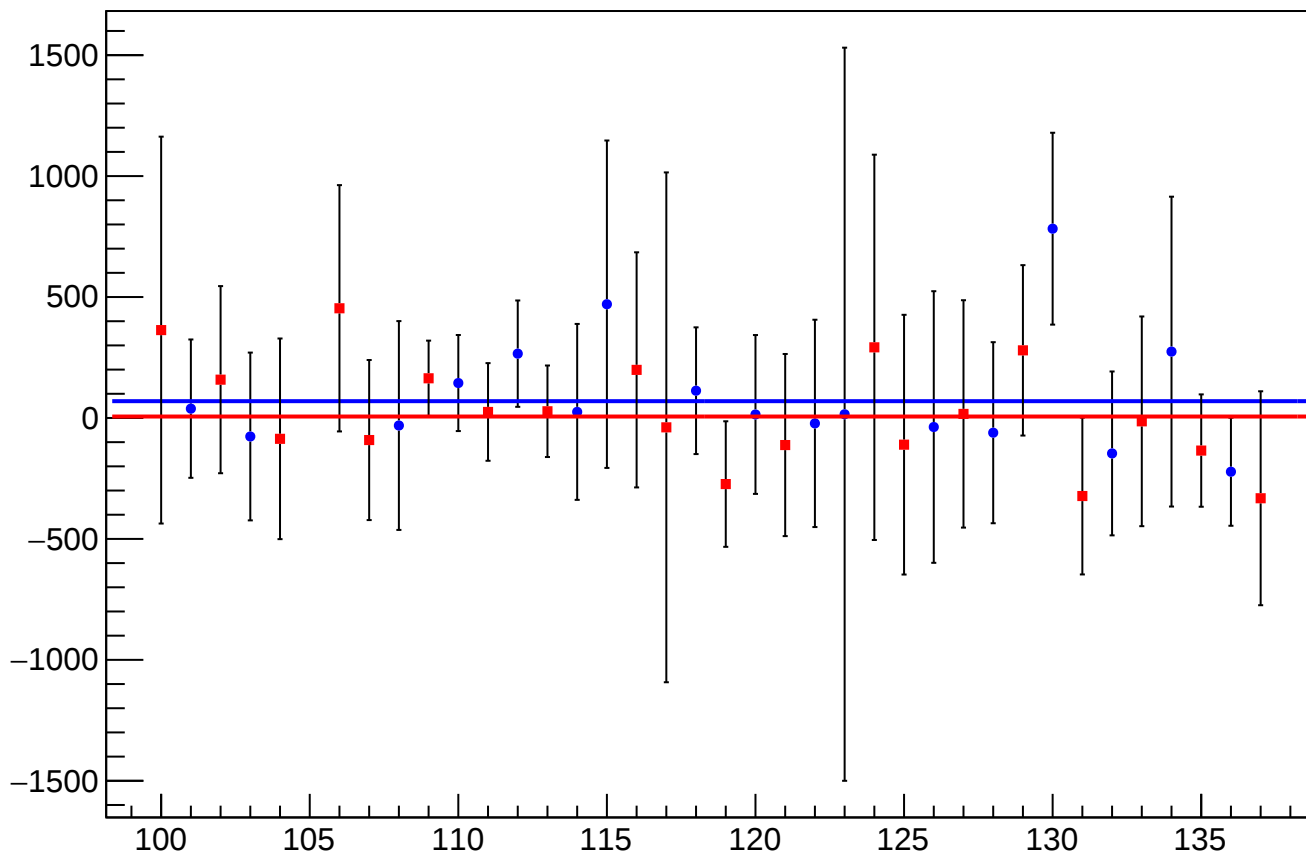
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.115+/-0.003 χ^2/NDF : 133059.3/16

11.194+/-0.002 χ^2/NDF : 282834.7/36

11.271+/-0.003 χ^2/NDF : 148461.6/19

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: 5.996+/-70.027 χ^2/NDF : 6.5/19

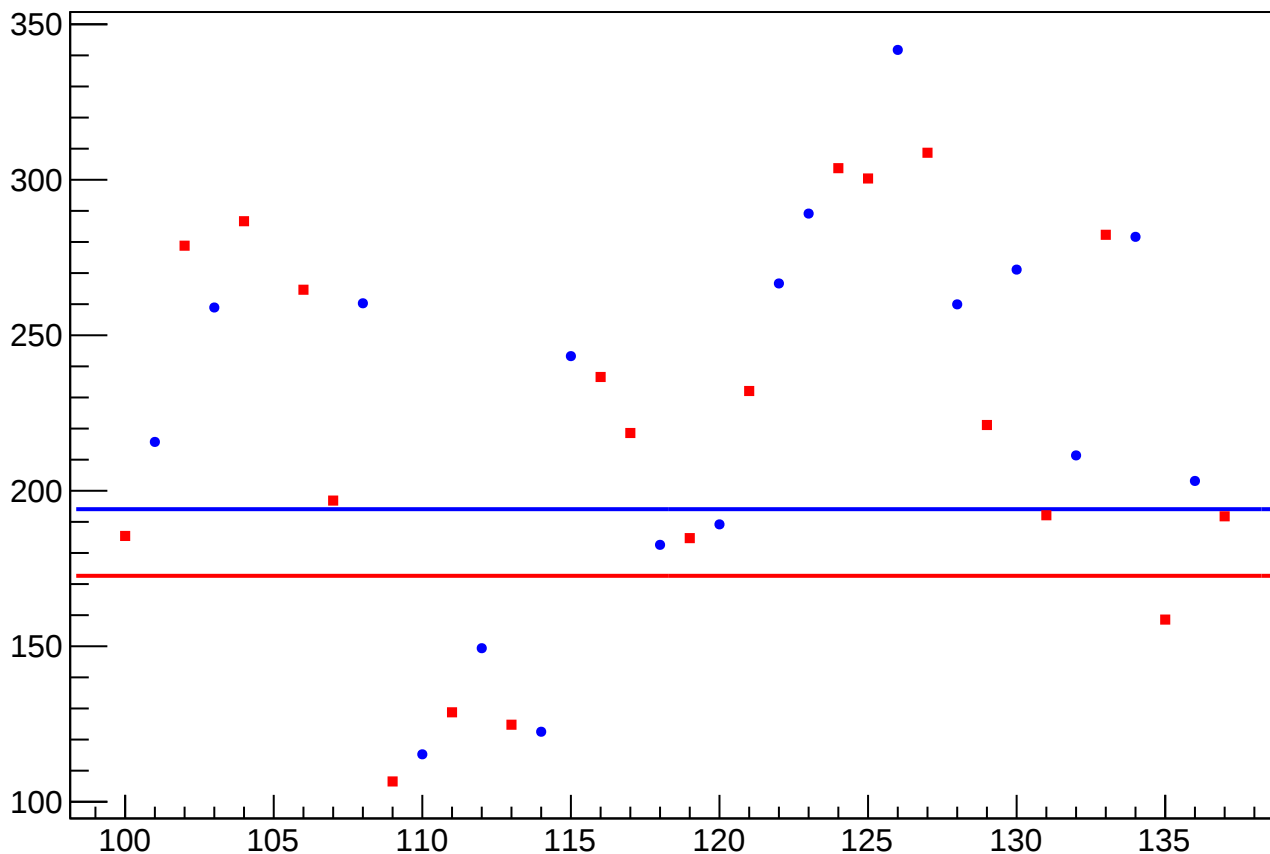
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.470+/-79.231 χ^2/NDF : 7.3/16

33.834+/-52.471 χ^2/NDF : 14.1/36

5.996+/-70.027 χ^2/NDF : 6.5/19

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: 172.655 $\pm$ 0.050 χ^2 /NDF: 1573277.0/19

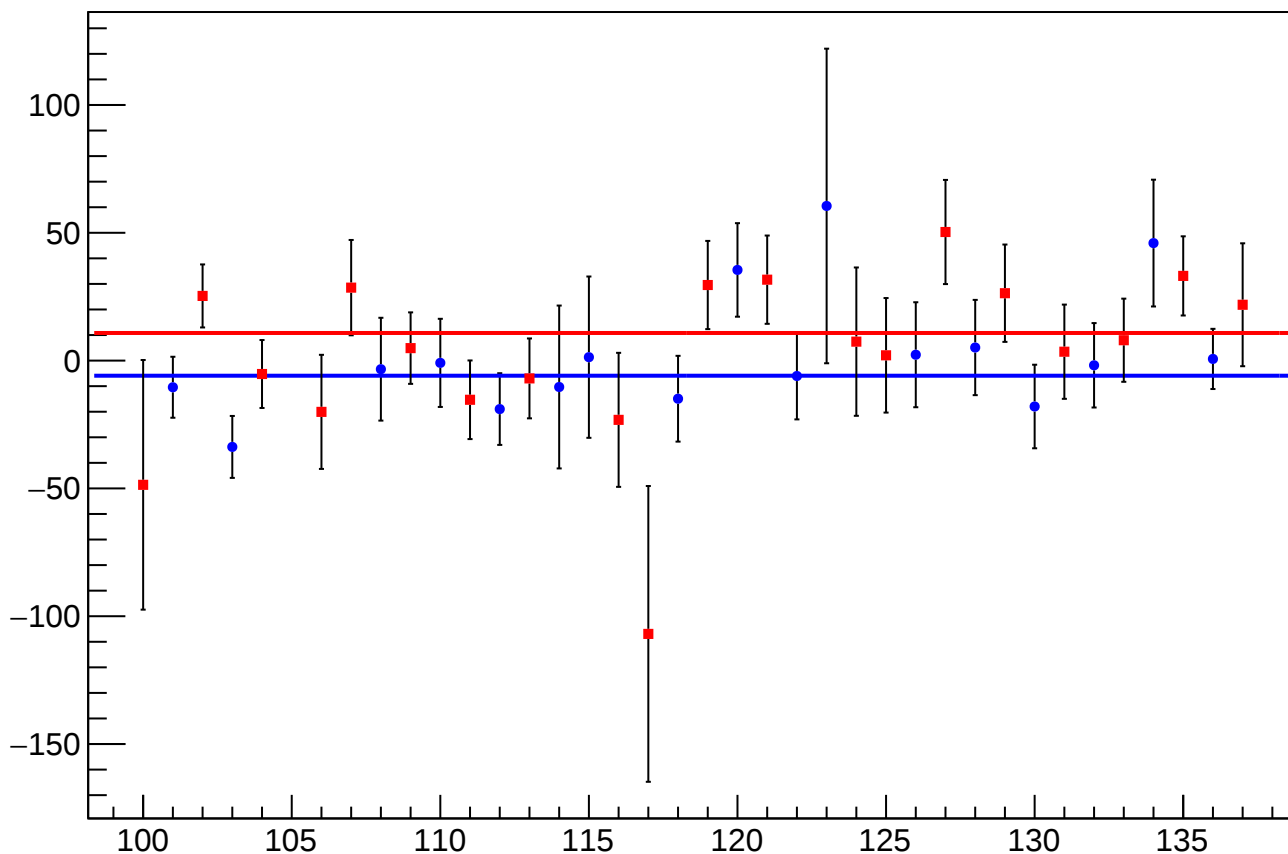
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

182.052 $\pm$ 0.037 χ^2 /NDF: 2660788.1/36

172.655 $\pm$ 0.050 χ^2 /NDF: 1573277.0/19

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: 10.806+/-4.068 χ^2/NDF : 27.0/19

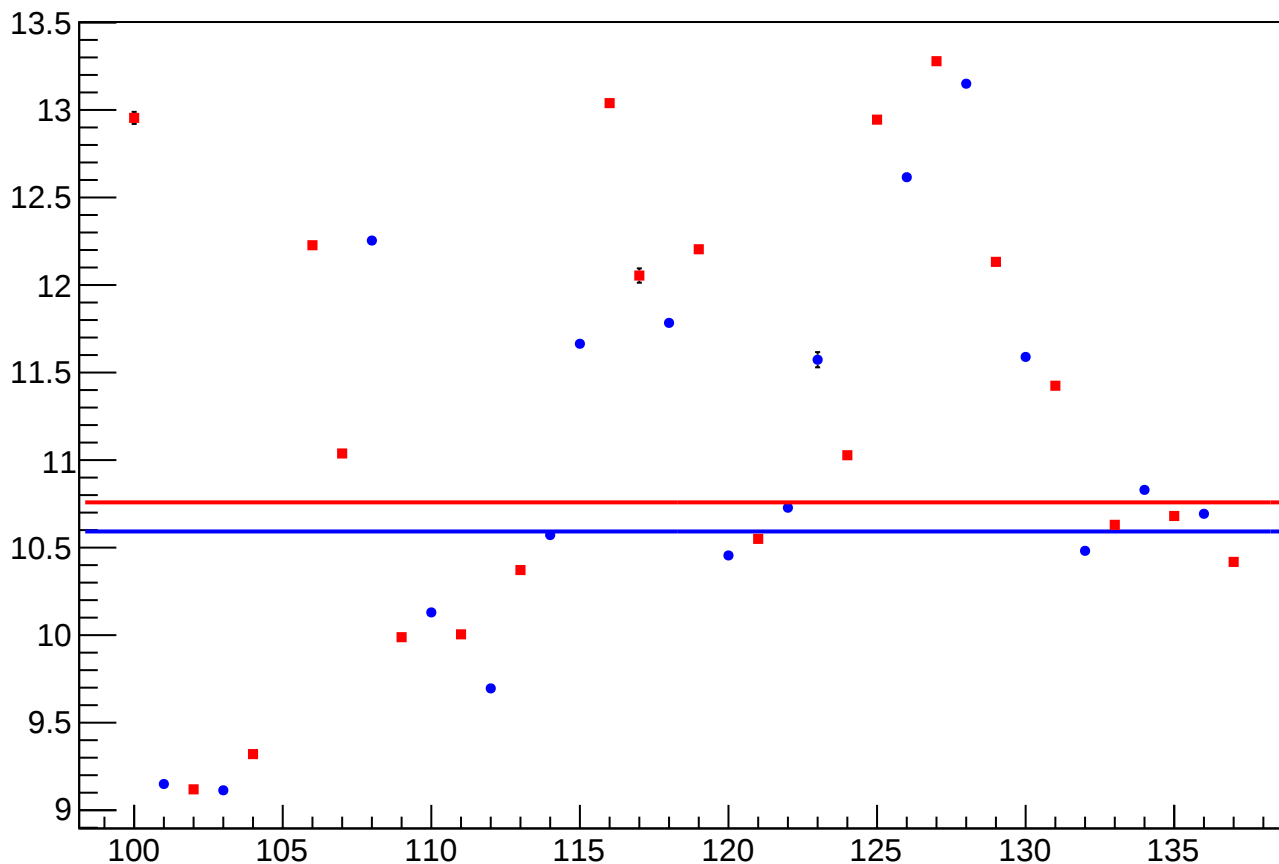
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.912+/-4.133 χ^2/NDF : 18.8/16

2.579+/-2.900 χ^2/NDF : 54.2/36

10.806+/-4.068 χ^2/NDF : 27.0/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.592 $\pm$ 0.003 χ^2 /NDF: 160397.9/16

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

Right Out: 10.758 $\pm$ 0.003 χ^2 /NDF: 177903.3/19

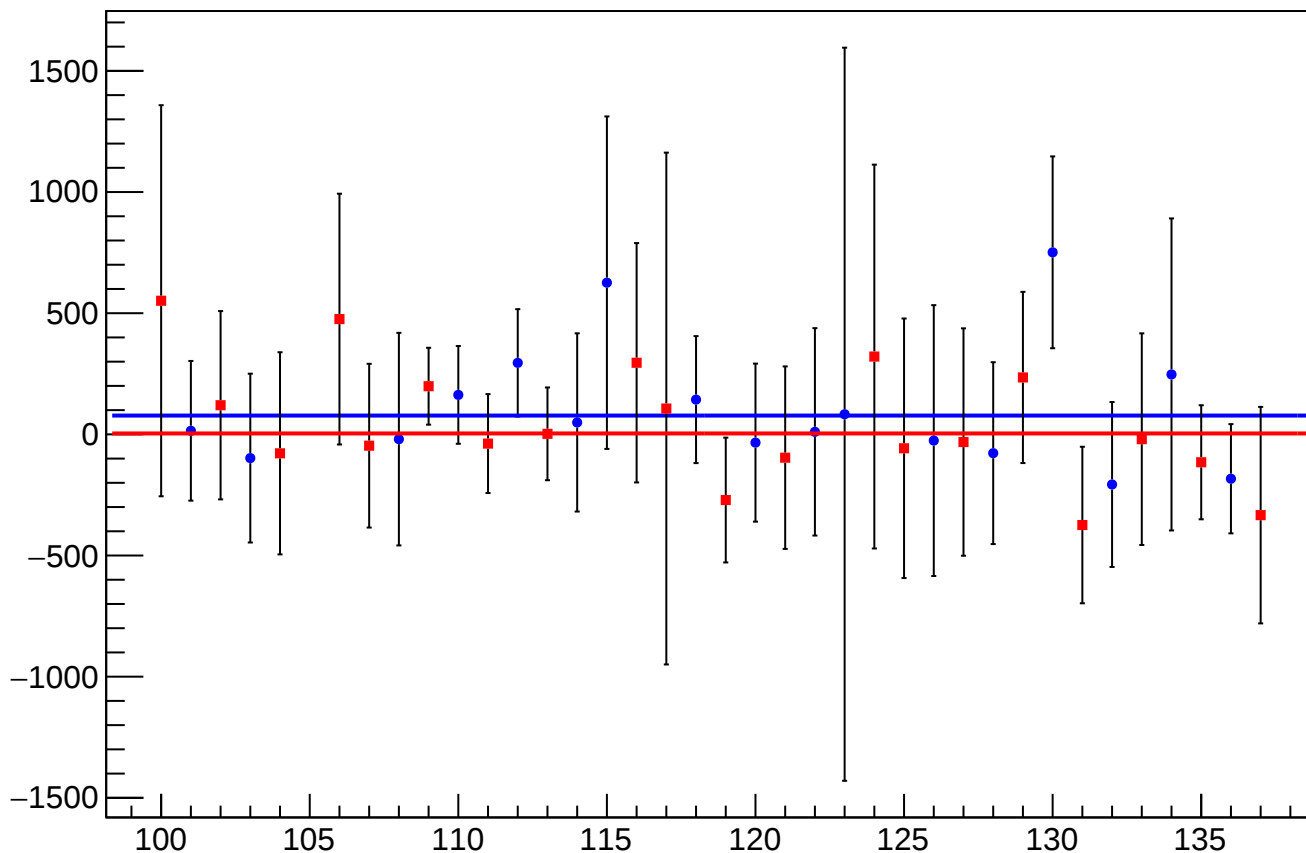
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.592 $\pm$ 0.003 χ^2 /NDF: 160397.9/16

10.677 $\pm$ 0.002 χ^2 /NDF: 339943.9/36

10.758 $\pm$ 0.003 χ^2 /NDF: 177903.3/19

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: 3.768+/-70.696 χ^2/NDF : 7.4/19

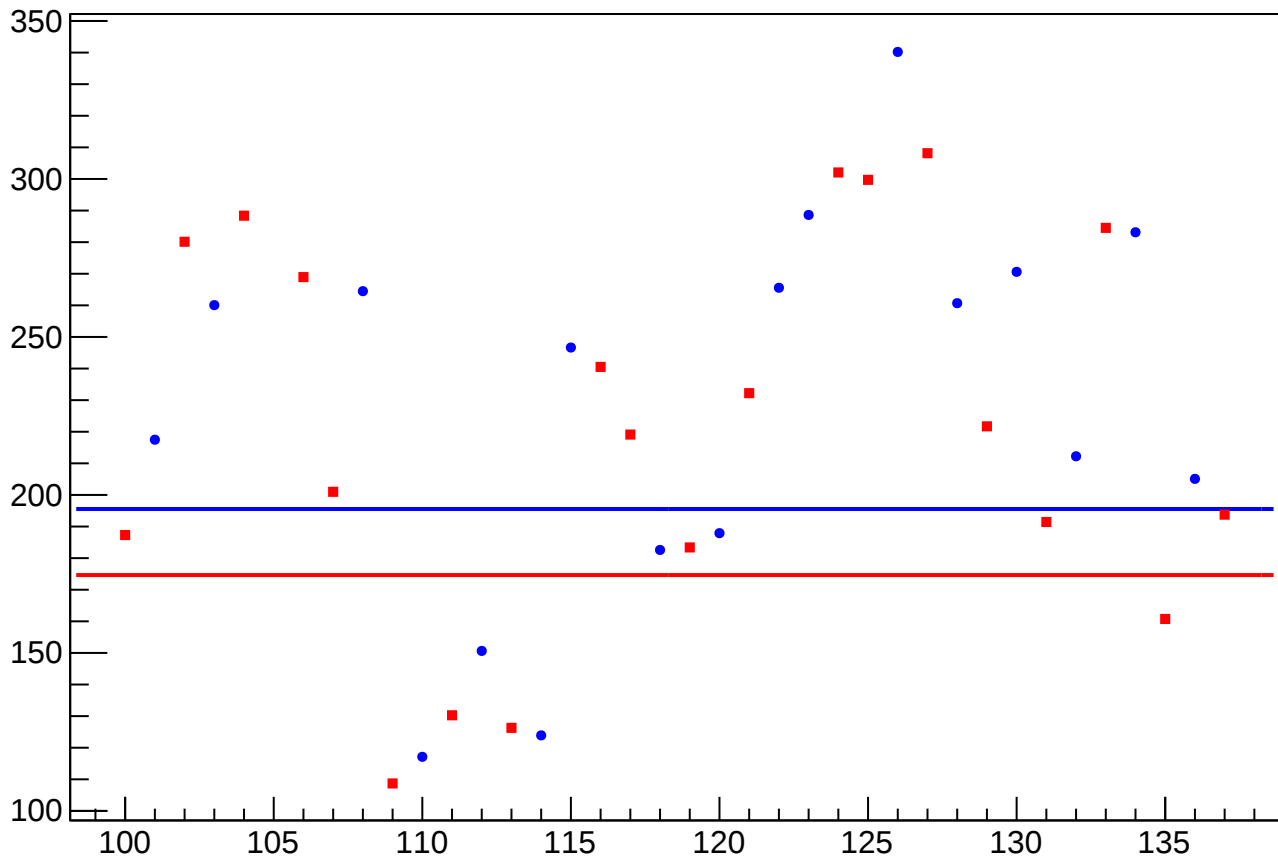
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

77.589+/-79.751 χ^2/NDF : 7.6/16

36.252+/-52.902 χ^2/NDF : 15.4/36

3.768+/-70.696 χ^2/NDF : 7.4/19

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: 174.649+/-0.050 χ^2/NDF : 1532189.1/19

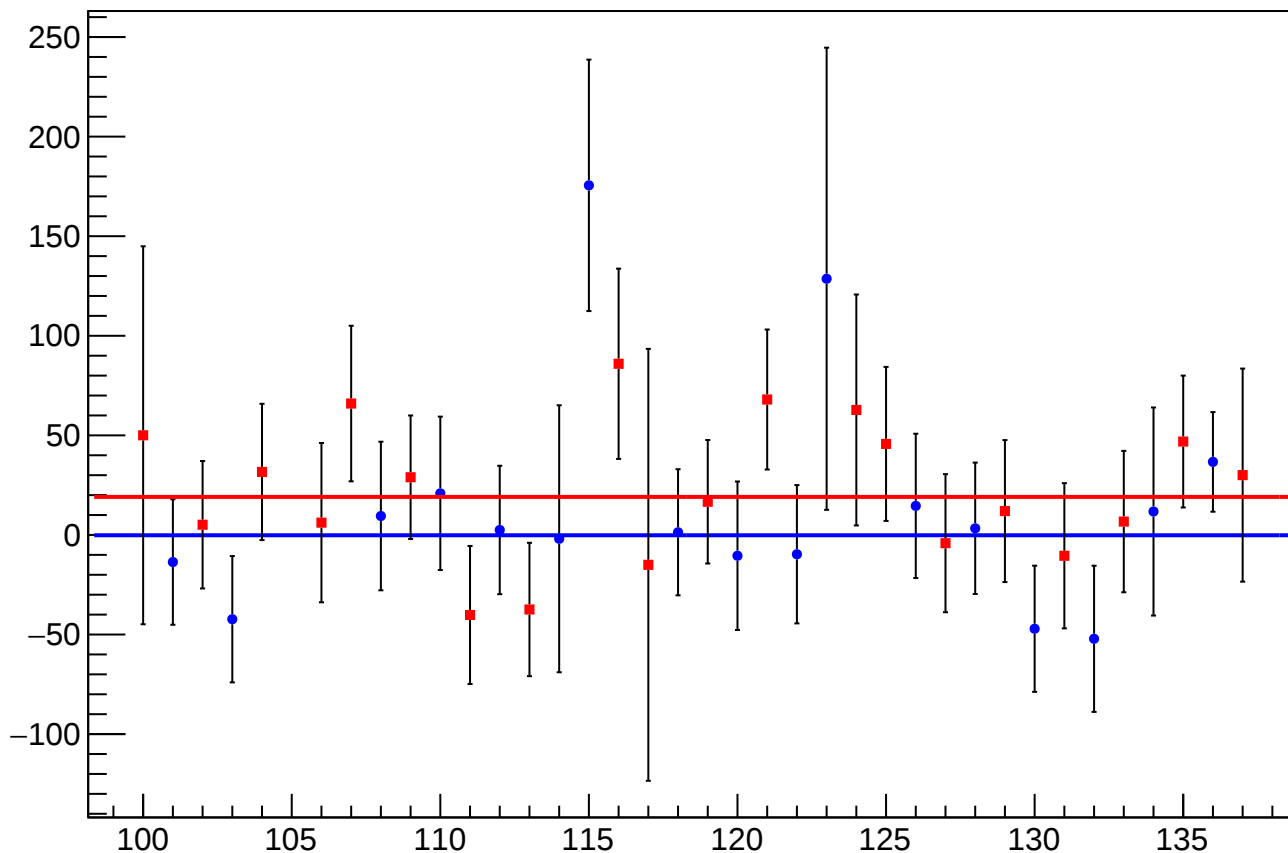
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.551+/-0.056 χ^2/NDF : 979937.7/16

183.847+/-0.037 χ^2/NDF : 2589055.6/36

174.649+/-0.050 χ^2/NDF : 1532189.1/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.158 $\pm$ 8.826 χ^2/NDF : 18.1/16

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

Right Out: 19.104 $\pm$ 8.527 χ^2/NDF : 14.9/19

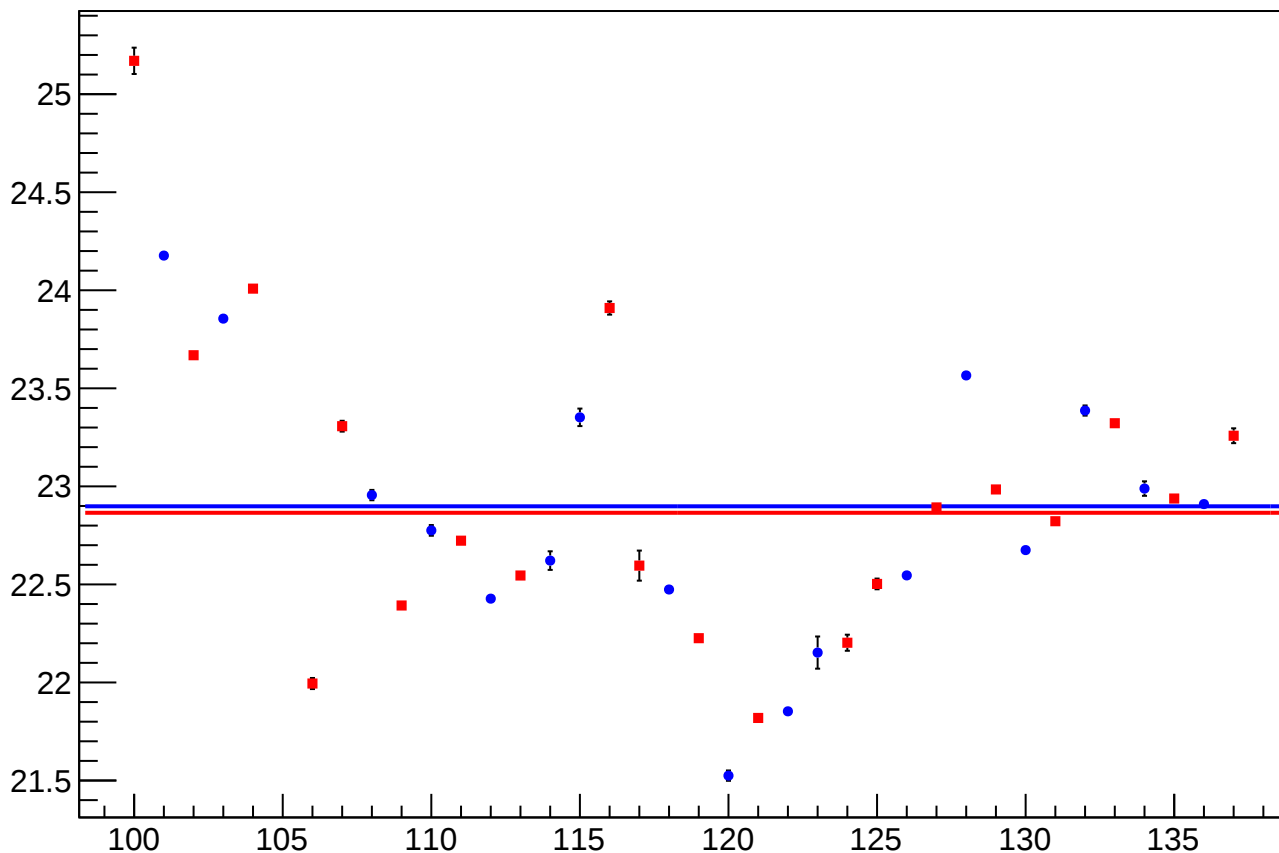
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.158 $\pm$ 8.826 χ^2/NDF : 18.1/16

9.805 $\pm$ 6.133 χ^2/NDF : 35.4/36

19.104 $\pm$ 8.527 χ^2/NDF : 14.9/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.898+/-0.006 χ^2/NDF : 12143.3/16

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

Right Out: 22.865+/-0.006 χ^2/NDF : 11060.8/19

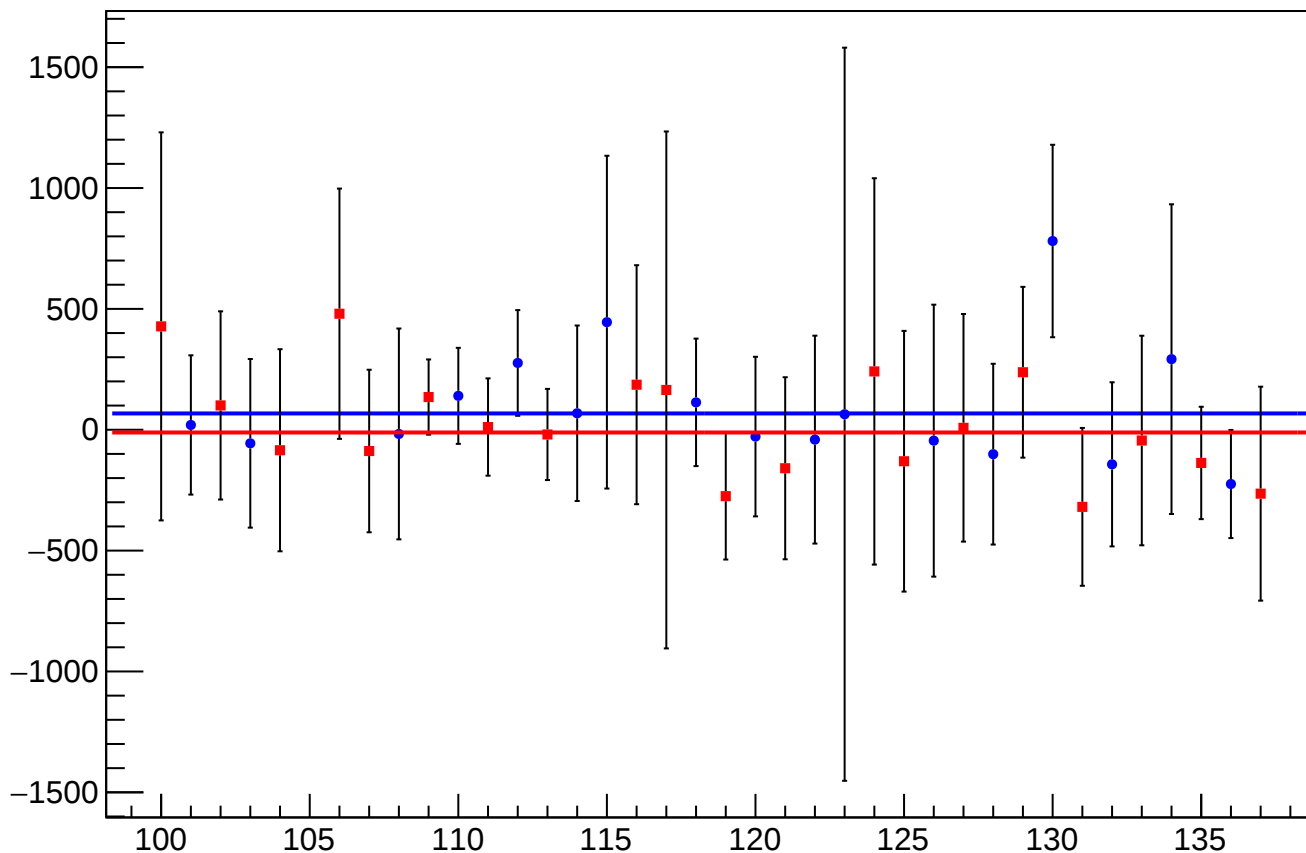
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.898+/-0.006 χ^2/NDF : 12143.3/16

22.881+/-0.004 χ^2/NDF : 23218.6/36

22.865+/-0.006 χ^2/NDF : 11060.8/19

asym_bcm_ds_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: -11.355+/-70.203 χ^2/NDF : 5.8/19

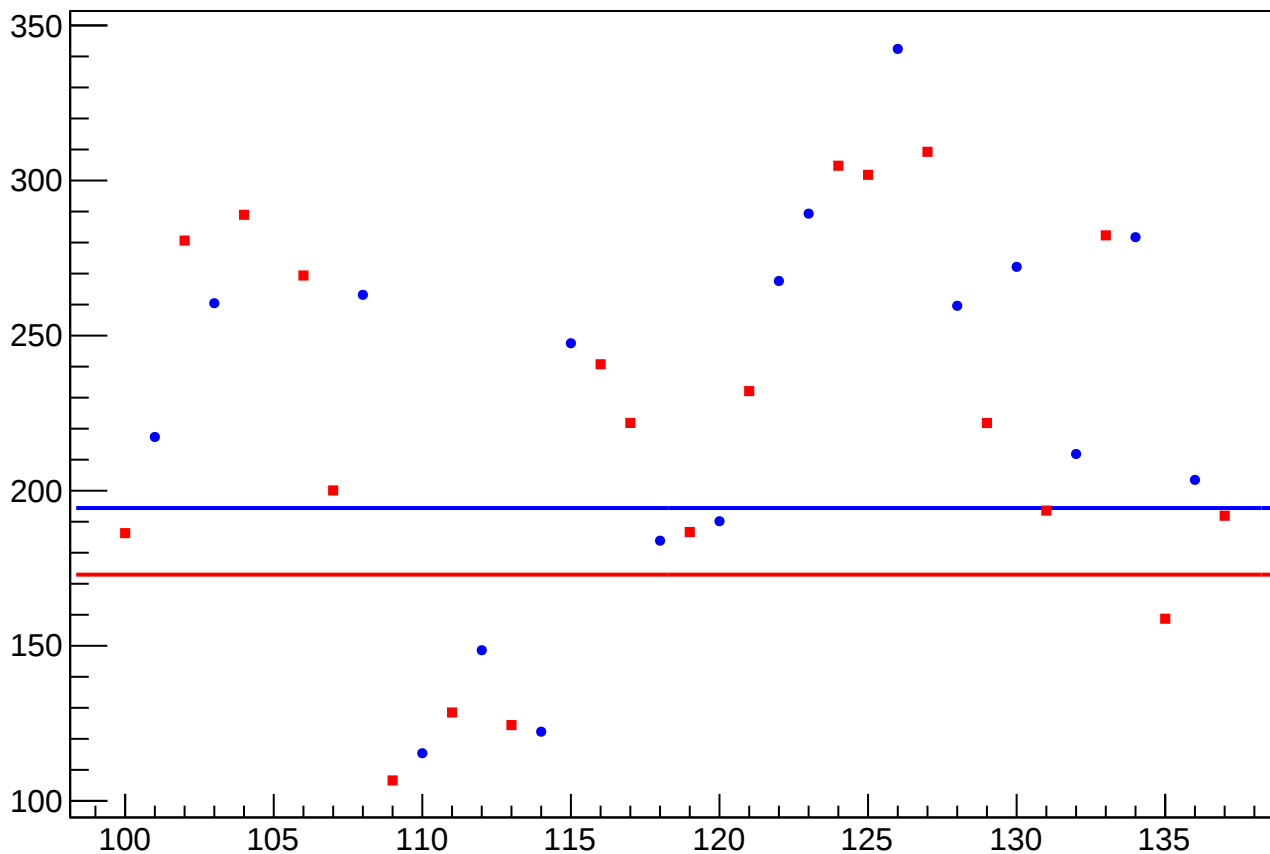
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.449+/-79.404 χ^2/NDF : 7.4/16

23.218+/-52.595 χ^2/NDF : 13.7/36

-11.355+/-70.203 χ^2/NDF : 5.8/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.411+/-0.056 χ^2/NDF : 1019913.2/16

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

Right Out: 172.942+/-0.050 χ^2/NDF : 1600959.1/19

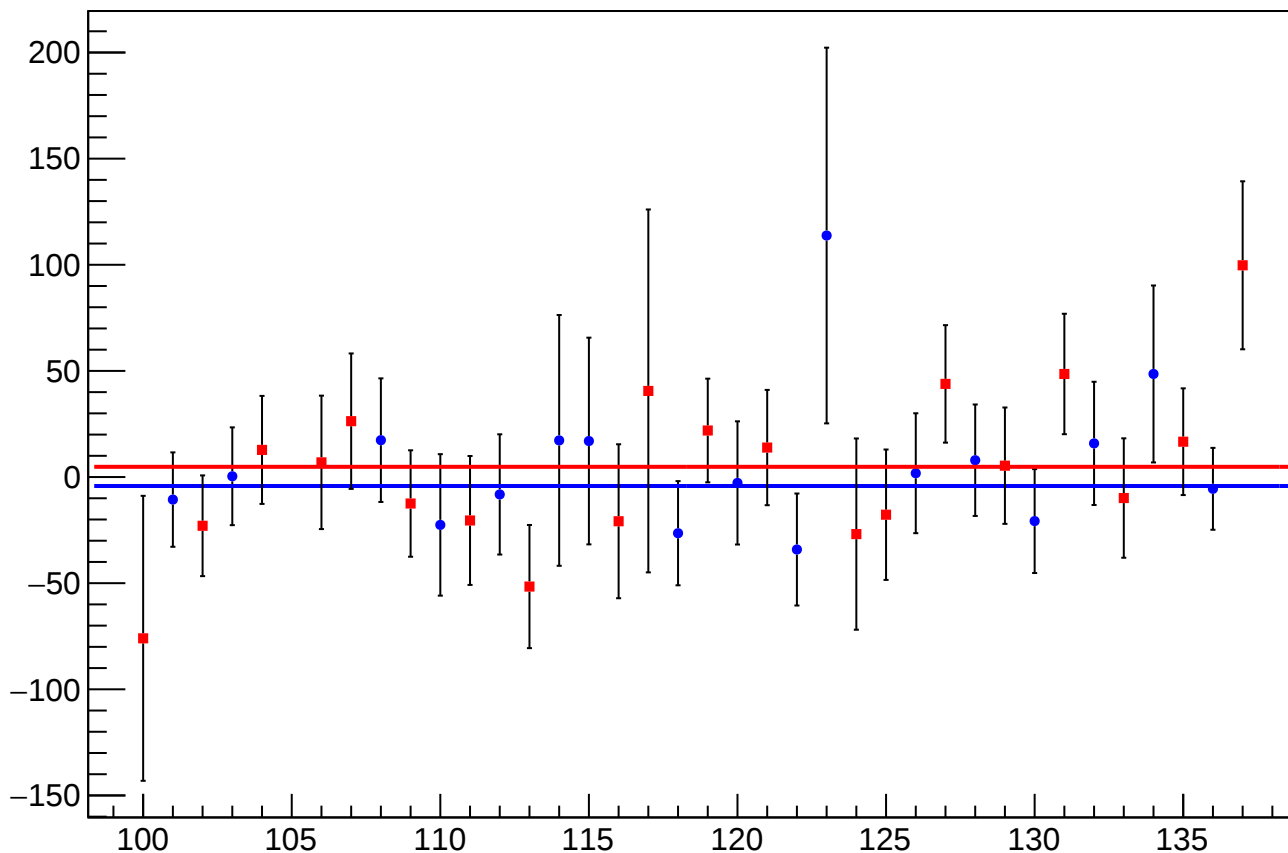
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.411+/-0.056 χ^2/NDF : 1019913.2/16

182.361+/-0.037 χ^2/NDF : 2702930.3/36

172.942+/-0.050 χ^2/NDF : 1600959.1/19

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: 4.820+/-6.704 χ^2/NDF : 21.3/19

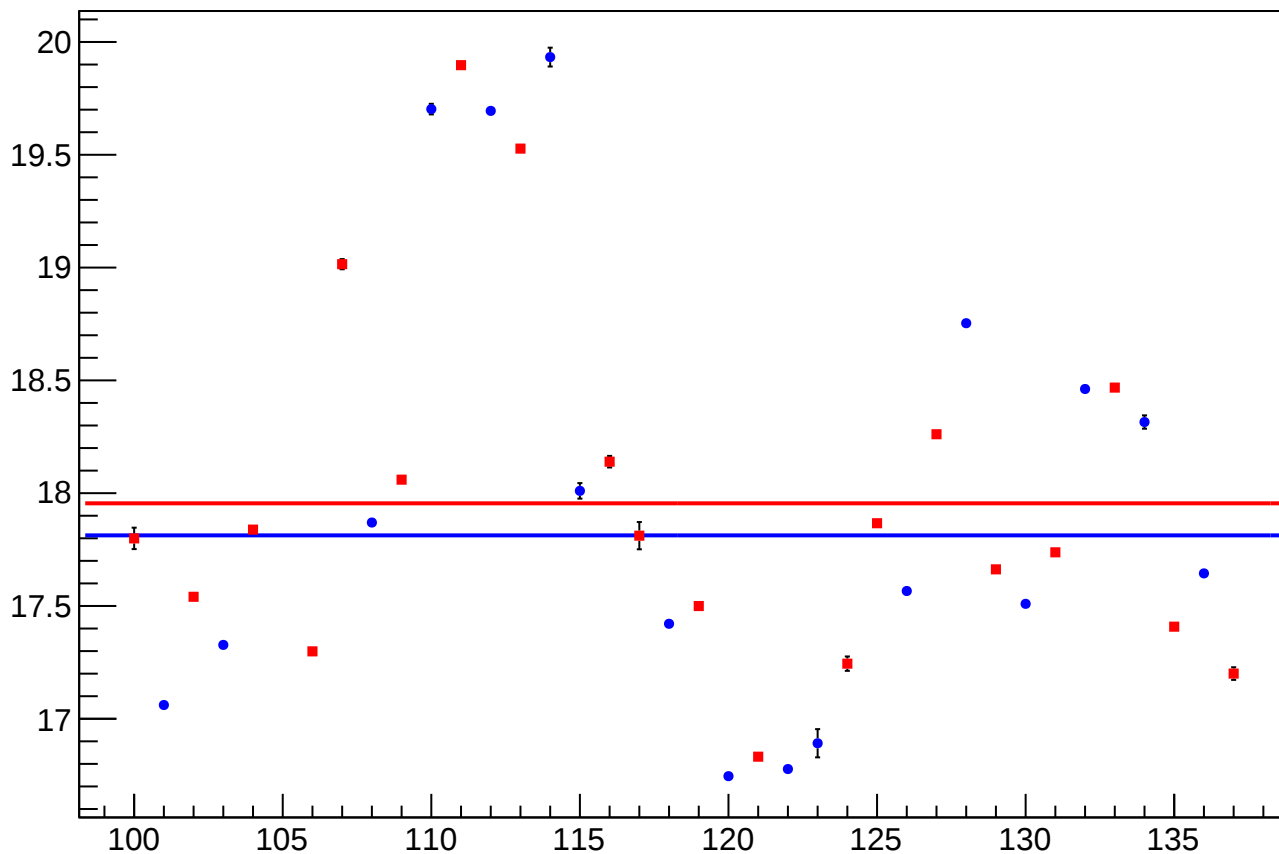
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.223+/-6.871 χ^2/NDF : 8.0/16

0.410+/-4.799 χ^2/NDF : 30.2/36

4.820+/-6.704 χ^2/NDF : 21.3/19

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: 17.955+/-0.005 χ^2 /NDF: 25451.0/19

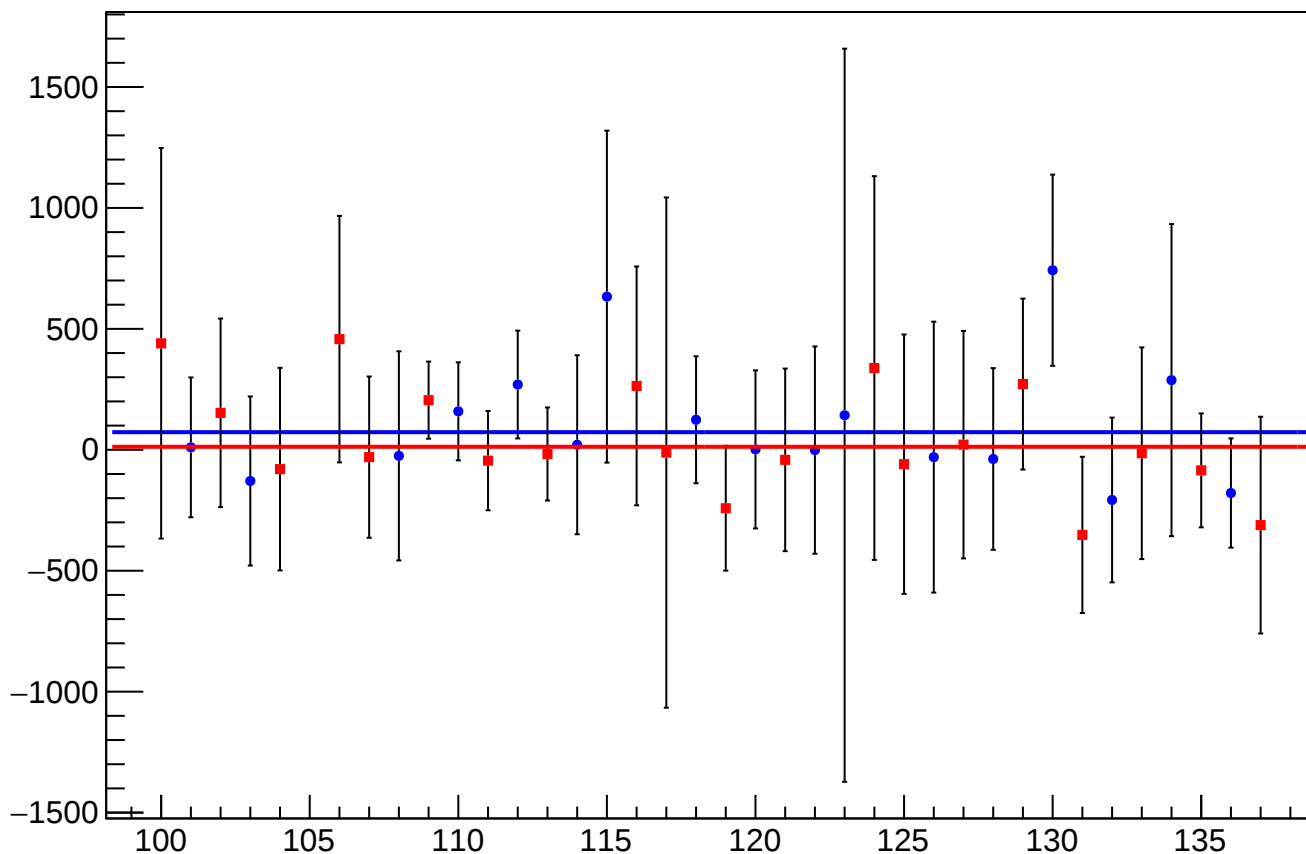
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.813+/-0.005 χ^2 /NDF: 32034.8/16

17.886+/-0.003 χ^2 /NDF: 57923.8/36

17.955+/-0.005 χ^2 /NDF: 25451.0/19

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: 12.456+/-70.853 χ^2/NDF : 6.7/19

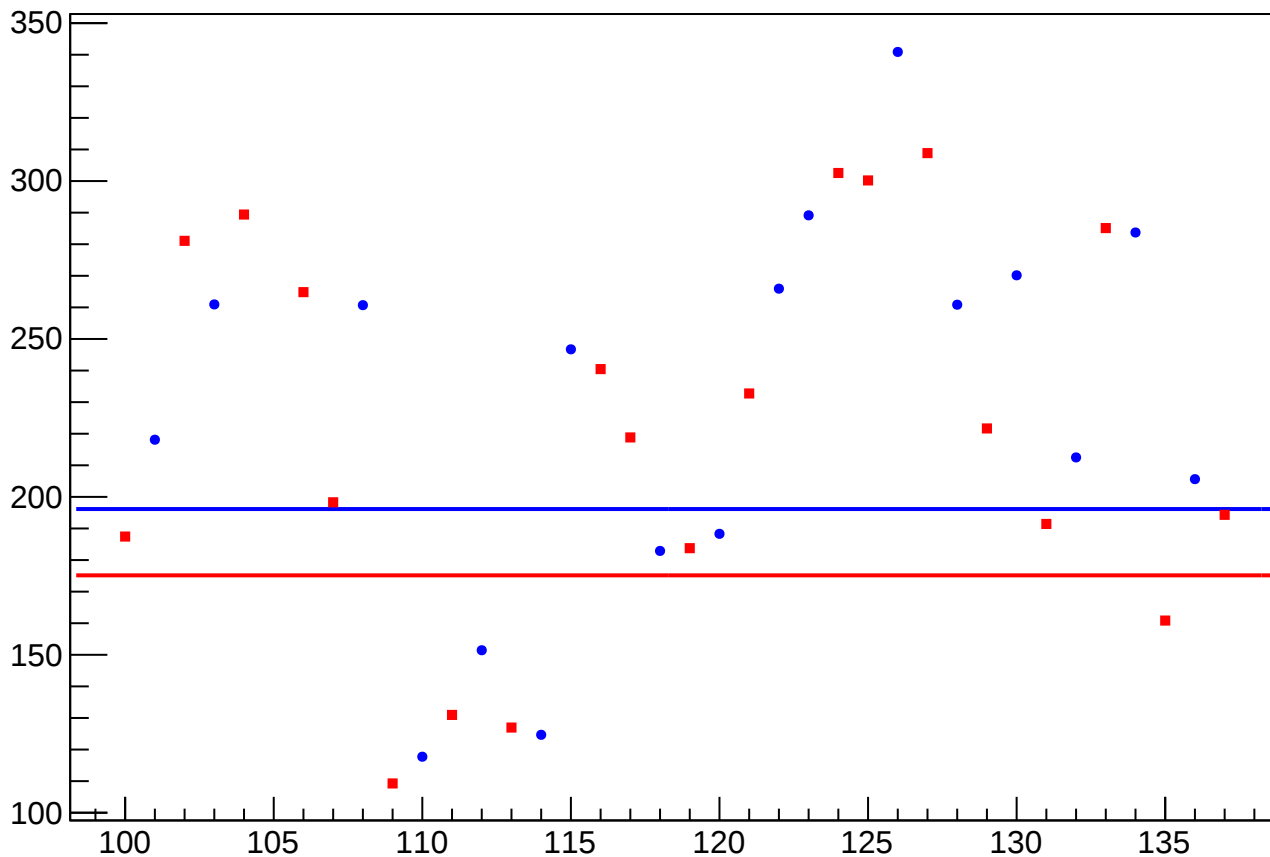
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.888+/-79.948 χ^2/NDF : 7.2/16

39.040+/-53.026 χ^2/NDF : 14.3/36

12.456+/-70.853 χ^2/NDF : 6.7/19

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: 175.163+/-0.050 χ^2/NDF : 1514398.4/19

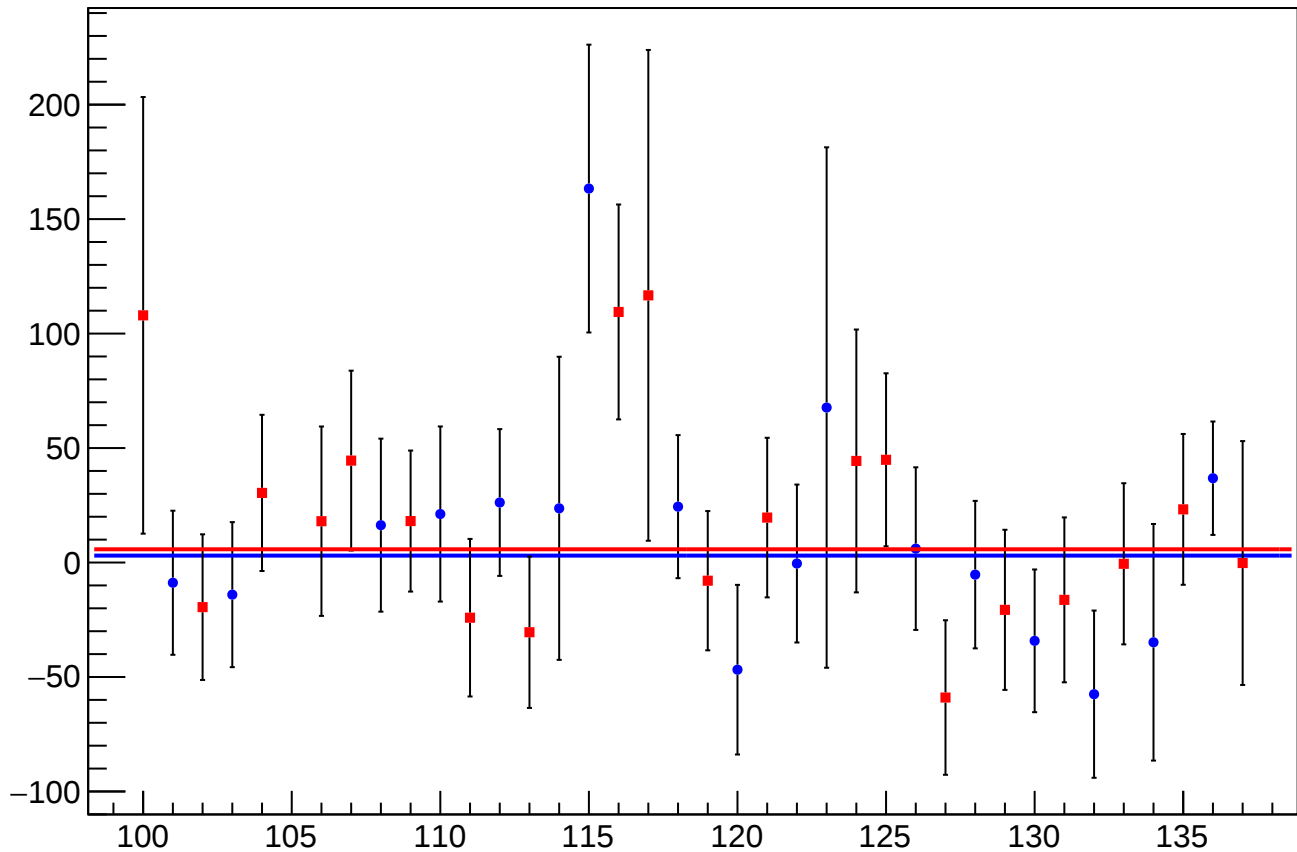
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.151+/-0.057 χ^2/NDF : 964998.4/16

184.395+/-0.037 χ^2/NDF : 2556599.2/36

175.163+/-0.050 χ^2/NDF : 1514398.4/19

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: 5.786+/-8.451 χ^2/NDF : 18.3/19

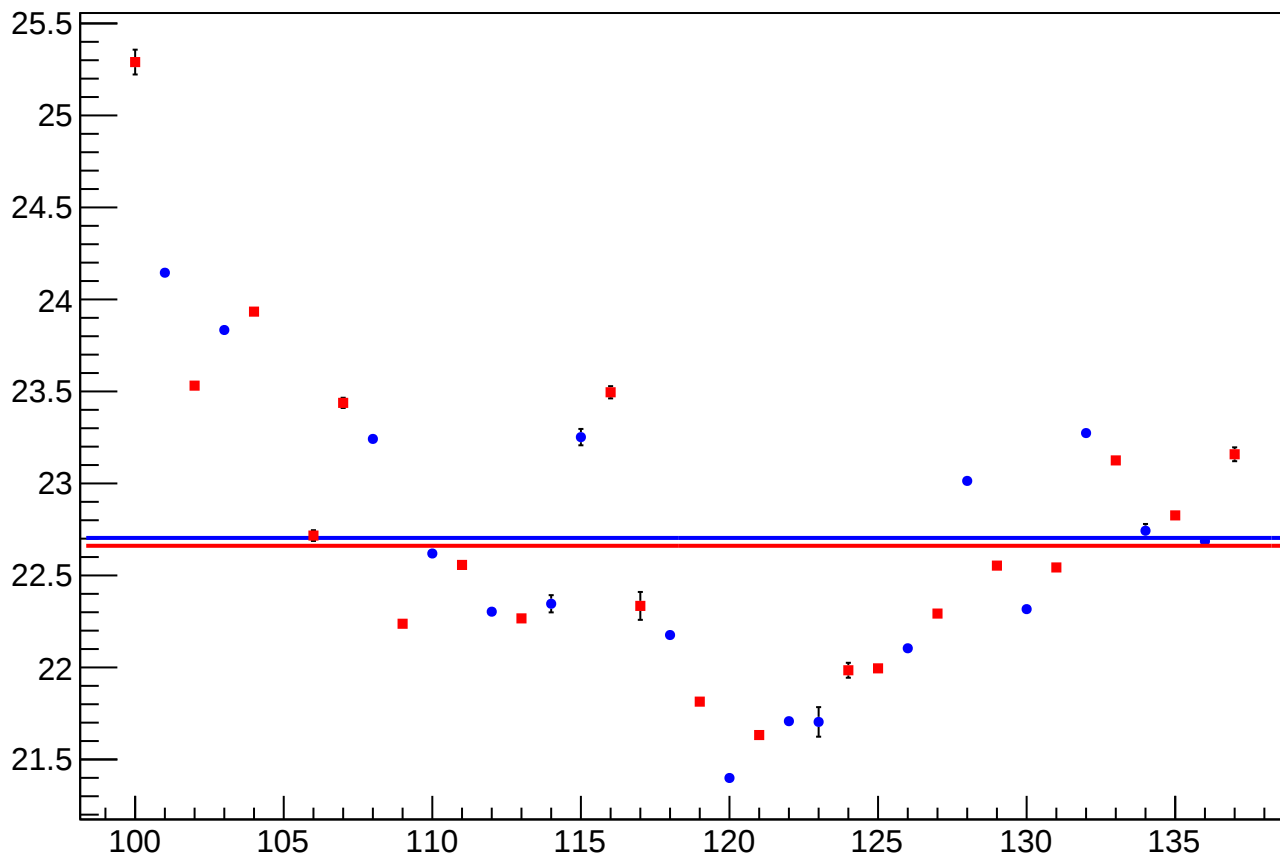
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.022+/-8.751 χ^2/NDF : 17.2/16

4.452+/-6.079 χ^2/NDF : 35.5/36

5.786+/-8.451 χ^2/NDF : 18.3/19

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: 22.661 ± 0.006 $\chi^2/\text{NDF}: 12962.1/19$

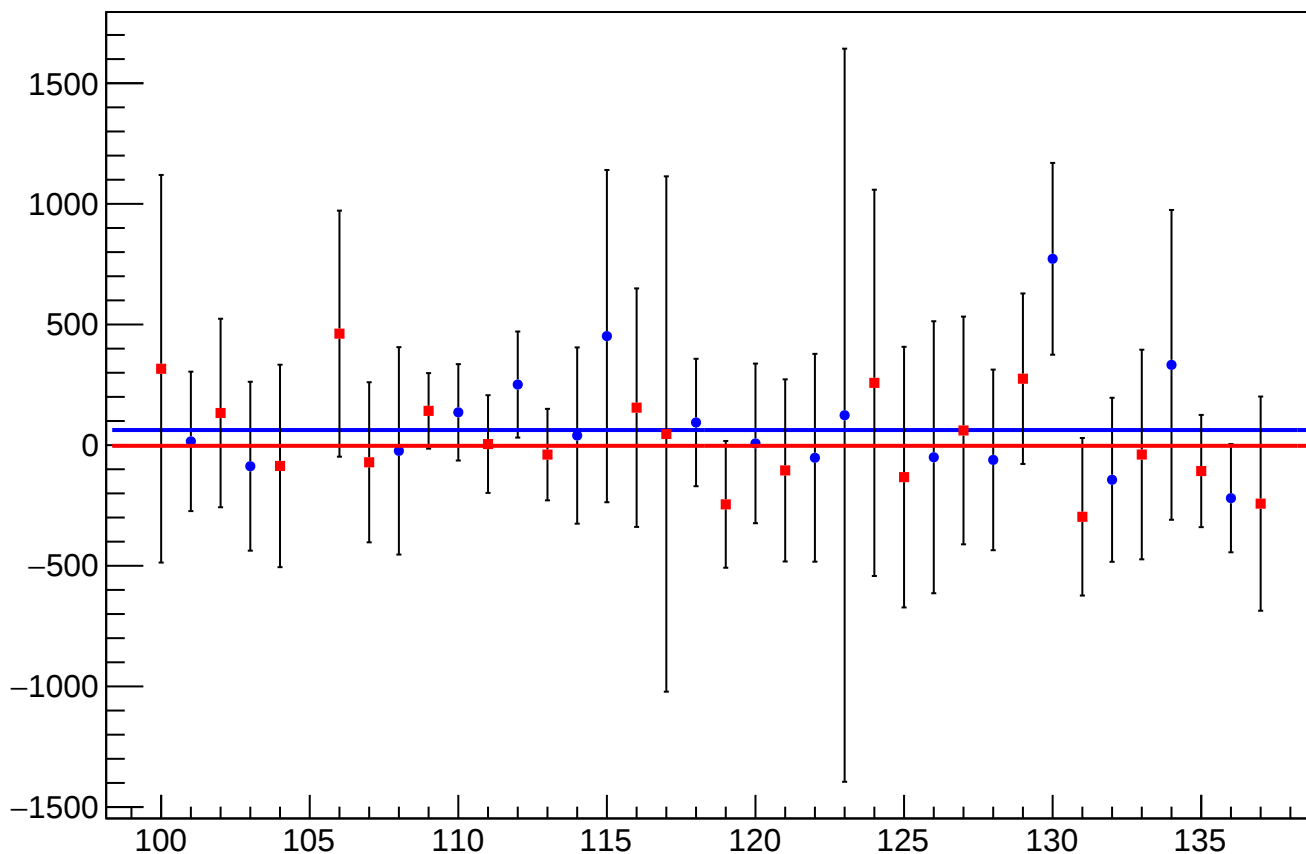
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

22.704 ± 0.006 $\chi^2/\text{NDF}: 14105.8/16$

22.682 ± 0.004 $\chi^2/\text{NDF}: 27092.6/36$

22.661 ± 0.006 $\chi^2/\text{NDF}: 12962.1/19$

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: -2.824+/-70.364 χ^2/NDF : 5.2/19

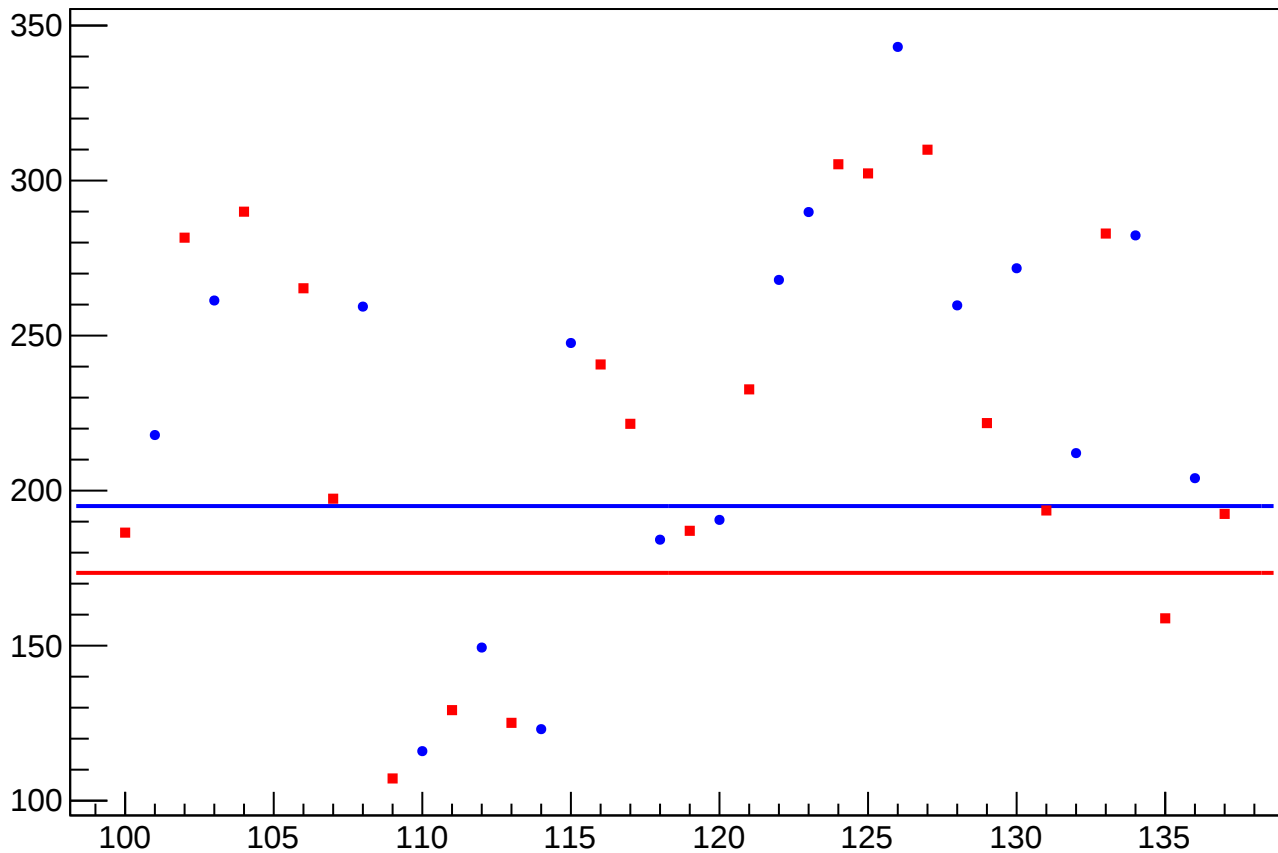
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.573+/-79.605 χ^2/NDF : 7.0/16

25.860+/-52.721 χ^2/NDF : 12.6/36

-2.824+/-70.364 χ^2/NDF : 5.2/19

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: 173.471+/-0.050 χ^2/NDF : 1582273.4/19

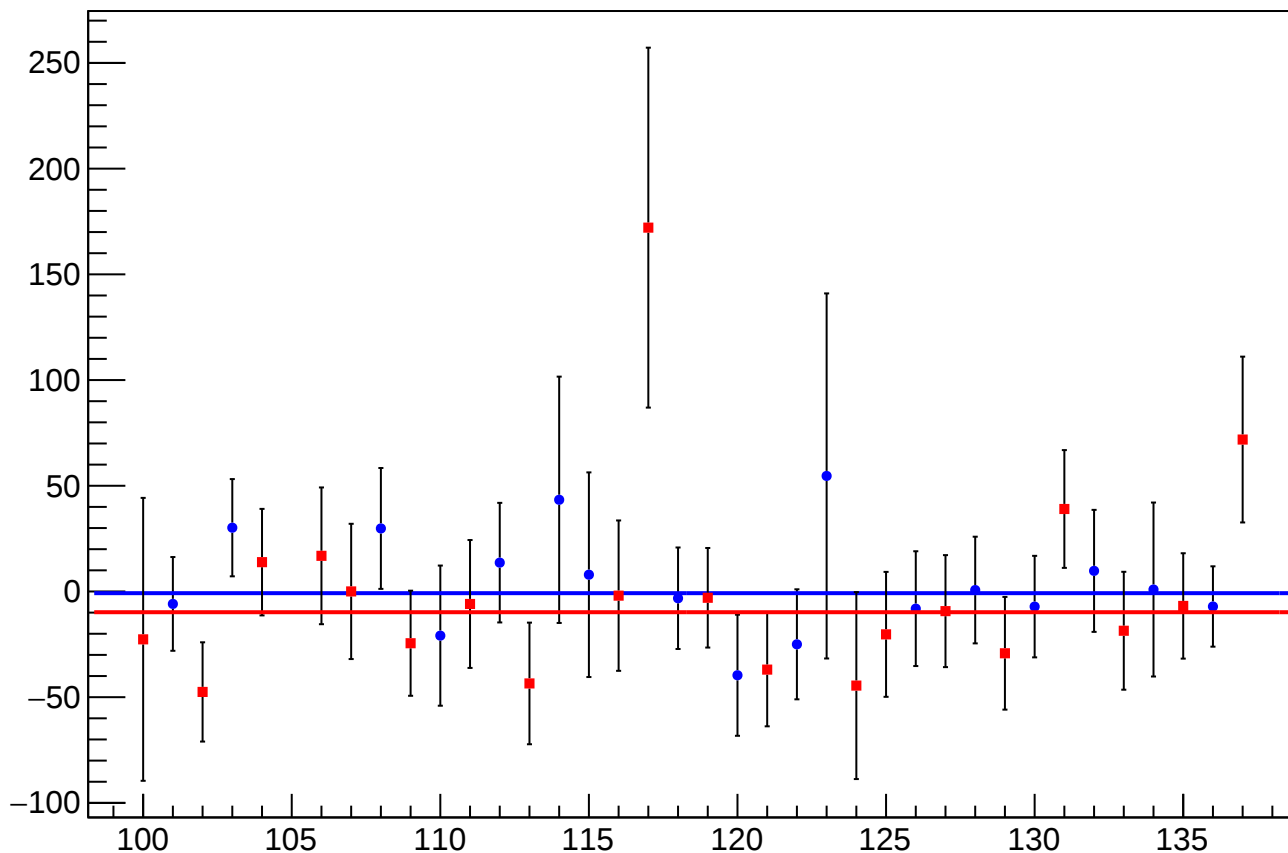
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

195.022+/-0.056 χ^2/NDF : 1004284.9/16

182.924+/-0.037 χ^2/NDF : 2668844.9/36

173.471+/-0.050 χ^2/NDF : 1582273.4/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.801 ± 6.770 $\chi^2/\text{NDF}: 7.8/16$

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

Right Out: -9.809 ± 6.606 $\chi^2/\text{NDF}: 20.5/19$

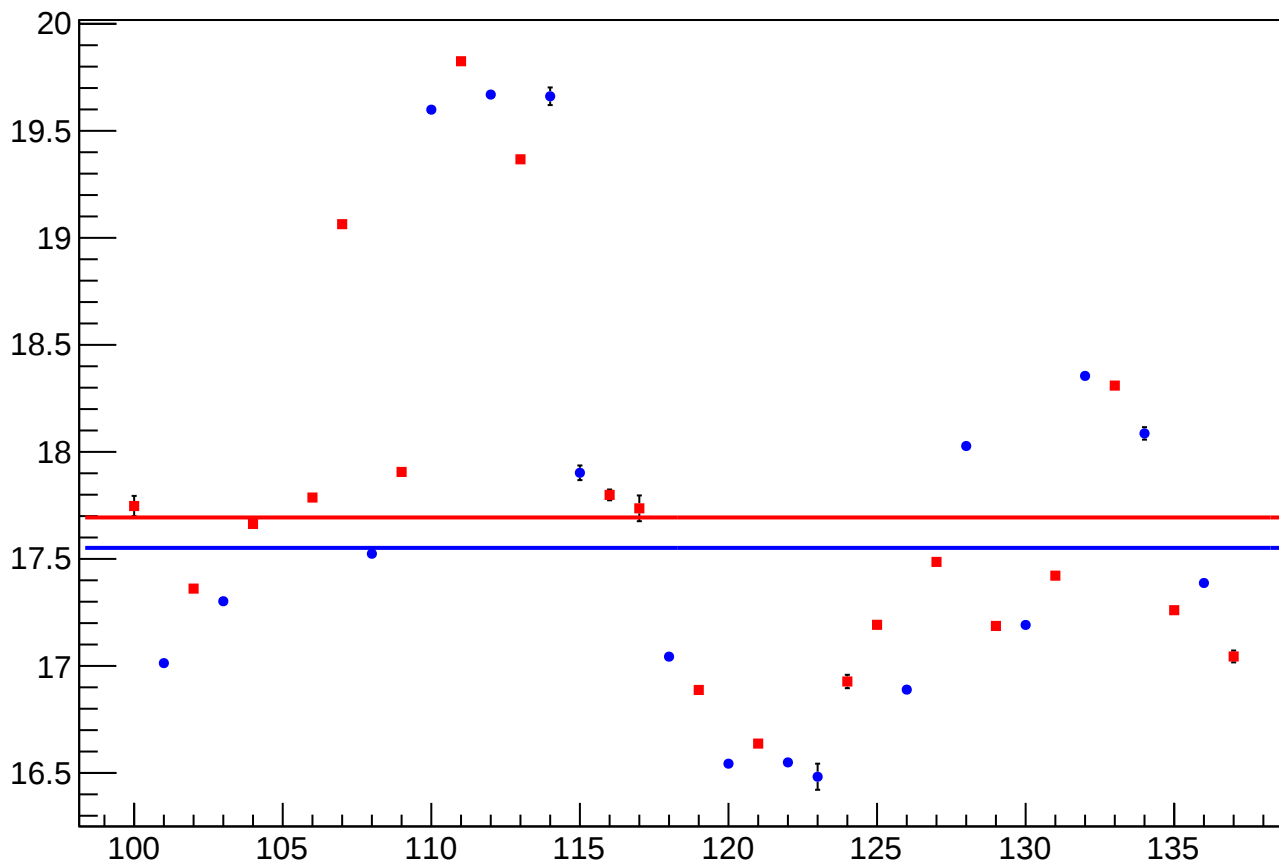
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.801 ± 6.770 $\chi^2/\text{NDF}: 7.8/16$

-5.416 ± 4.728 $\chi^2/\text{NDF}: 29.2/36$

-9.809 ± 6.606 $\chi^2/\text{NDF}: 20.5/19$

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: 17.694+/-0.005 χ^2/NDF : 30742.5/19

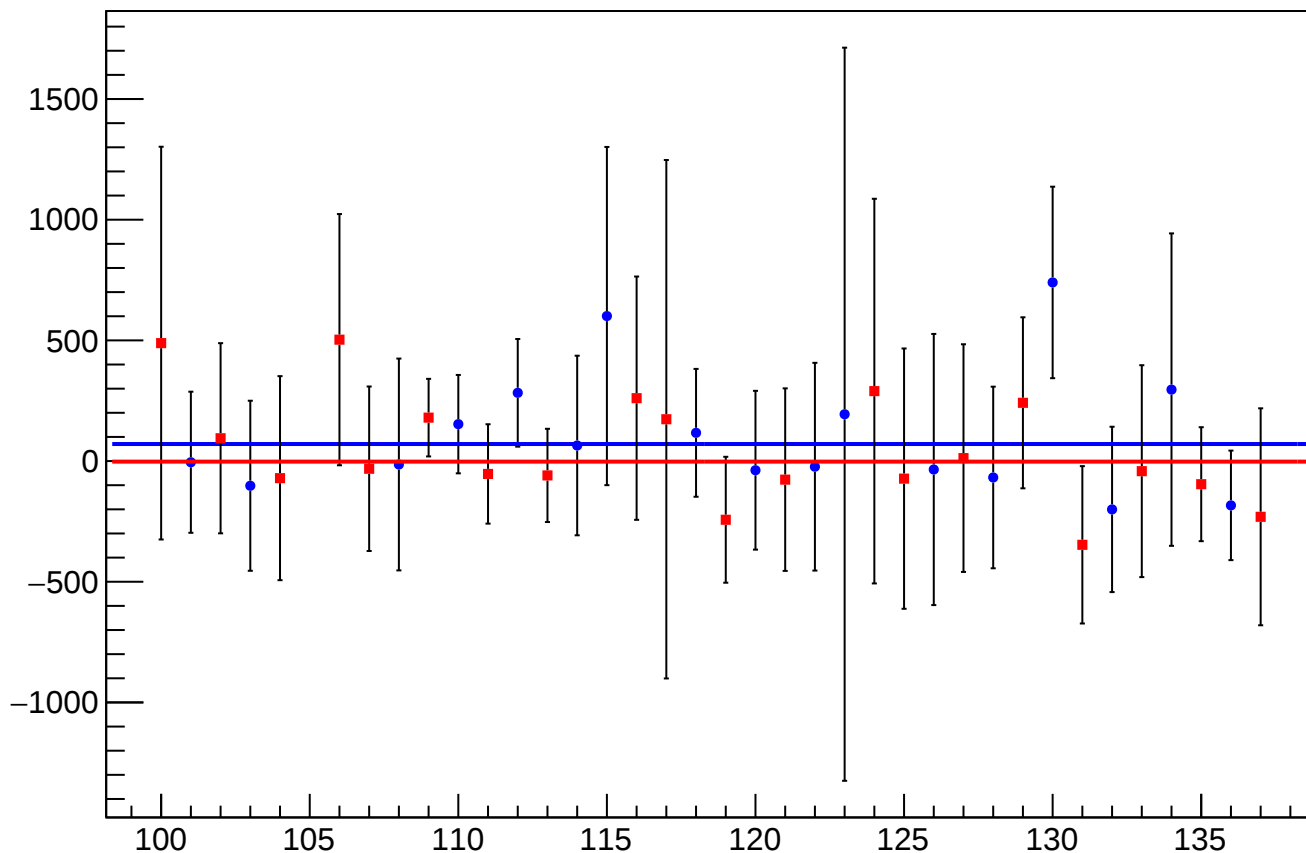
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.552+/-0.005 χ^2/NDF : 34027.1/16

17.624+/-0.003 χ^2/NDF : 65221.1/36

17.694+/-0.005 χ^2/NDF : 30742.5/19

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: -2.285+/-71.350 χ^2/NDF : 6.2/19

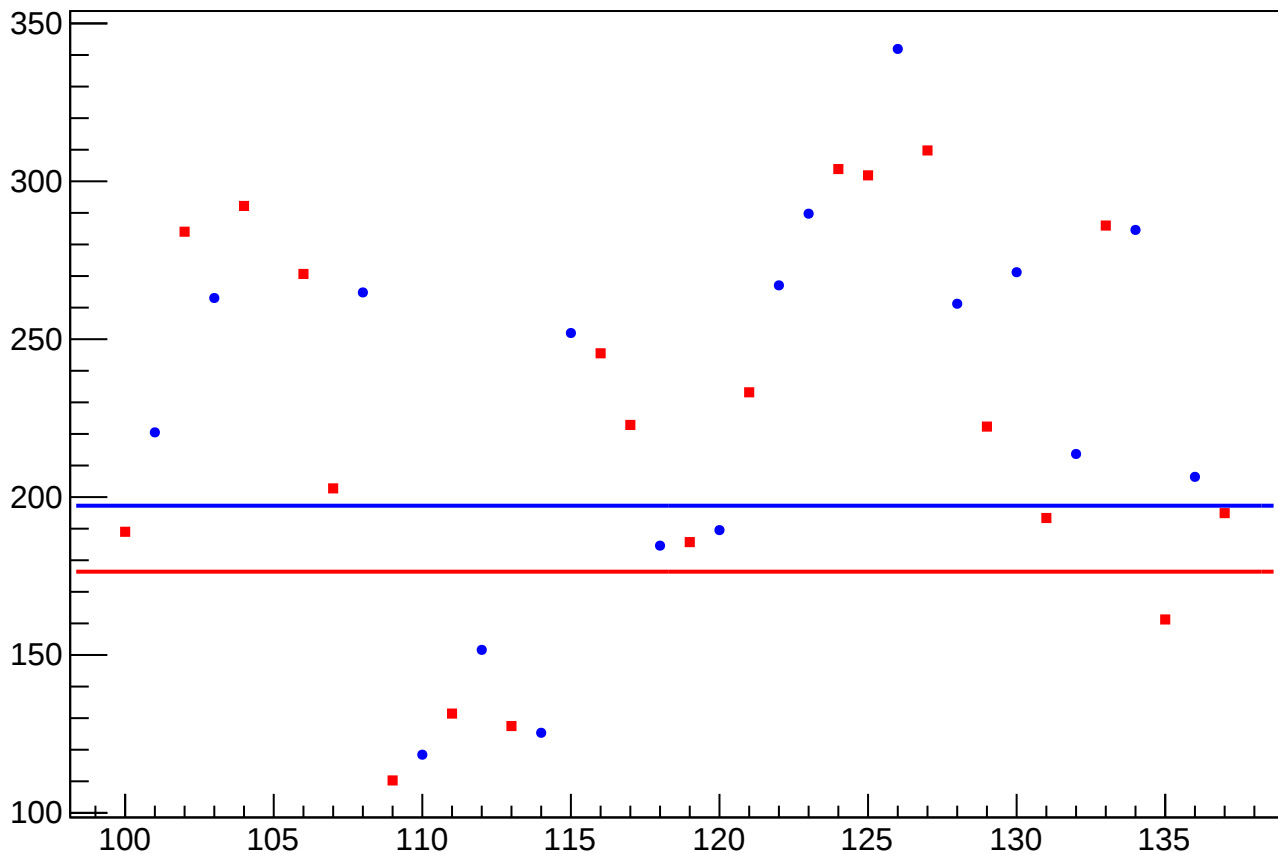
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.634+/-80.409 χ^2/NDF : 7.2/16

29.837+/-53.369 χ^2/NDF : 13.9/36

-2.285+/-71.350 χ^2/NDF : 6.2/19

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: 176.387+/-0.050 χ^2/NDF : 1523467.7/19

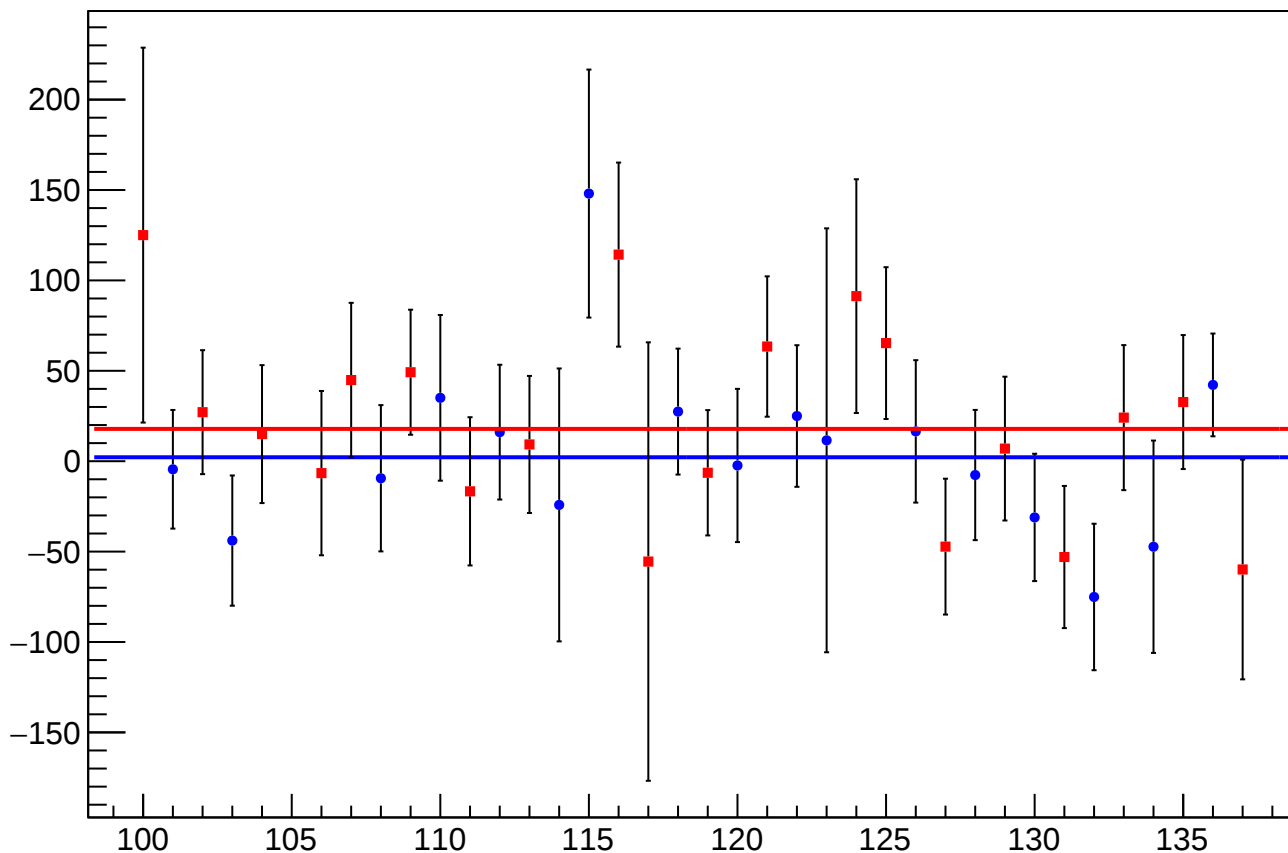
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.271+/-0.057 χ^2/NDF : 969549.7/16

185.587+/-0.038 χ^2/NDF : 2568503.0/36

176.387+/-0.050 χ^2/NDF : 1523467.7/19

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: 17.869+/-9.468 χ^2/NDF : 20.0/19

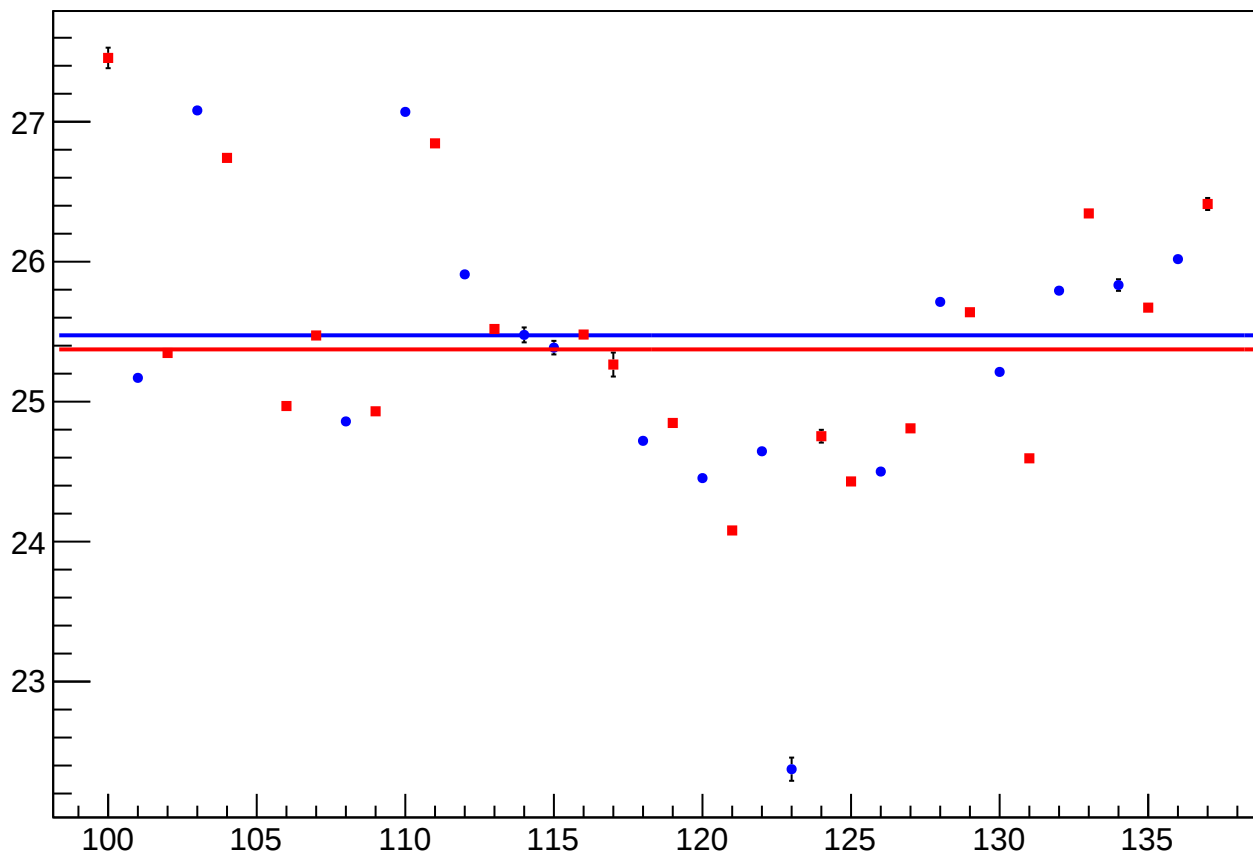
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.178+/-9.825 χ^2/NDF : 15.4/16

10.314+/-6.818 χ^2/NDF : 36.7/36

17.869+/-9.468 χ^2/NDF : 20.0/19

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: 25.373+/-0.007 χ^2/NDF : 13582.8/19

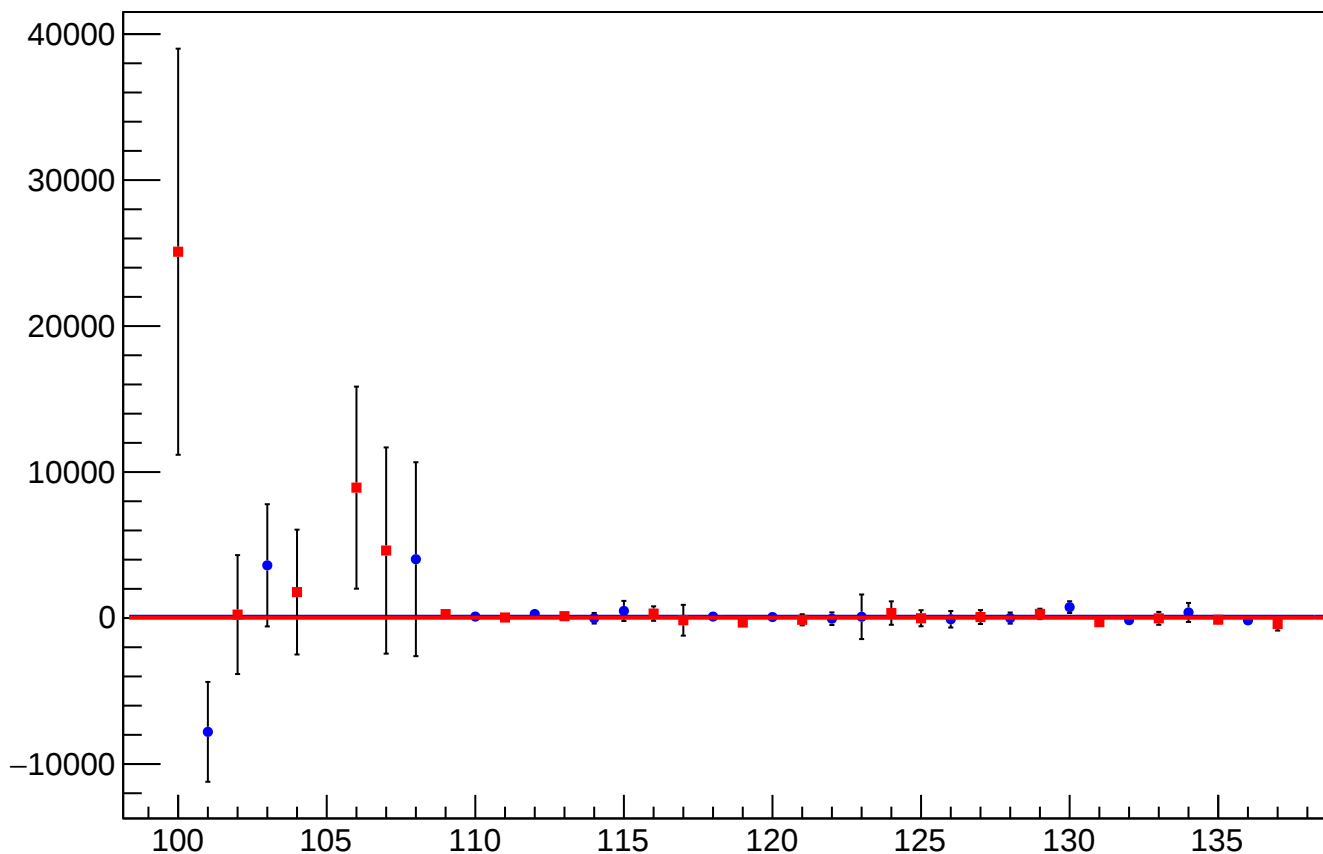
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.474+/-0.007 χ^2/NDF : 14061.2/16

25.422+/-0.005 χ^2/NDF : 27752.8/36

25.373+/-0.007 χ^2/NDF : 13582.8/19

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: 21.600+/-80.665 χ^2/NDF : 11.9/19

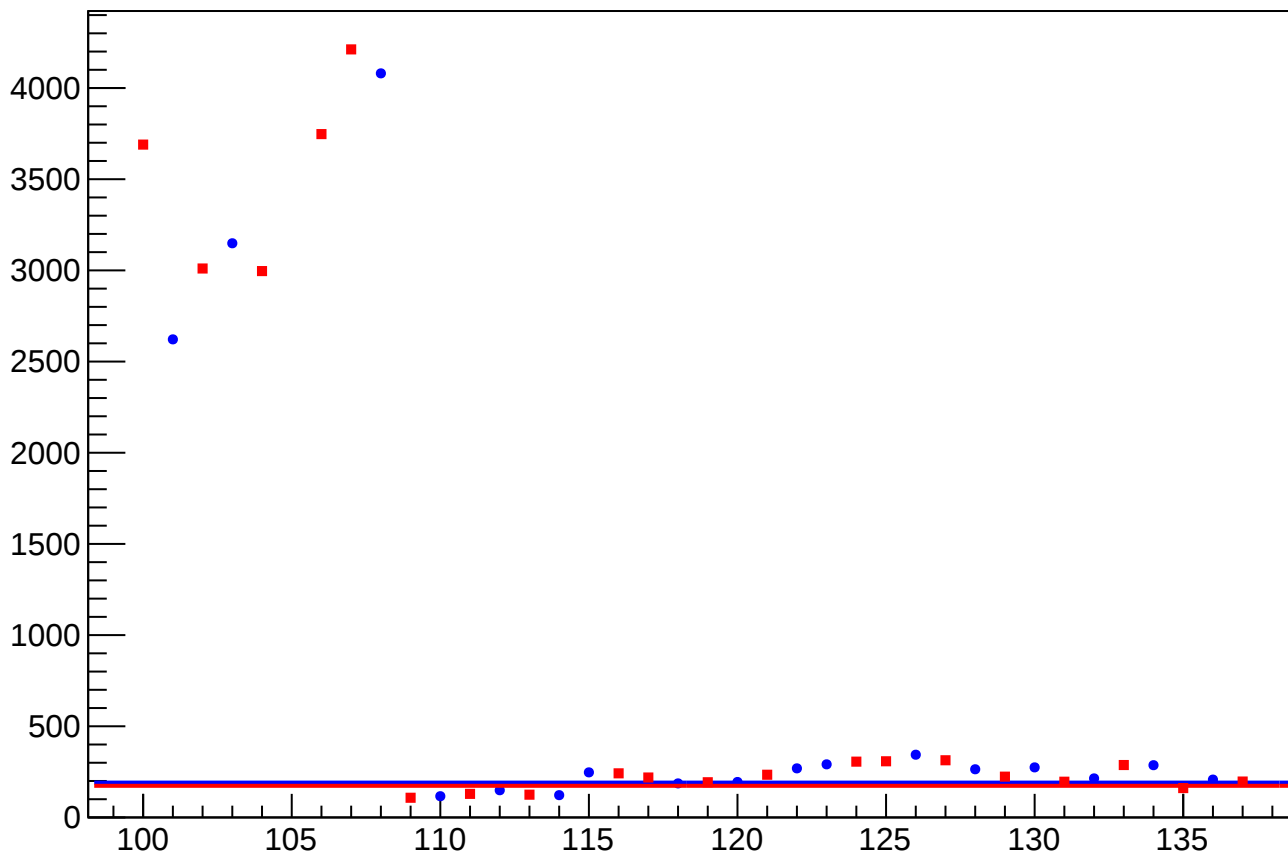
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.619+/-87.630 χ^2/NDF : 12.3/16

52.799+/-59.349 χ^2/NDF : 24.5/36

21.600+/-80.665 χ^2/NDF : 11.9/19

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: 173.536+/-0.057 χ^2/NDF : 4210933.2/19

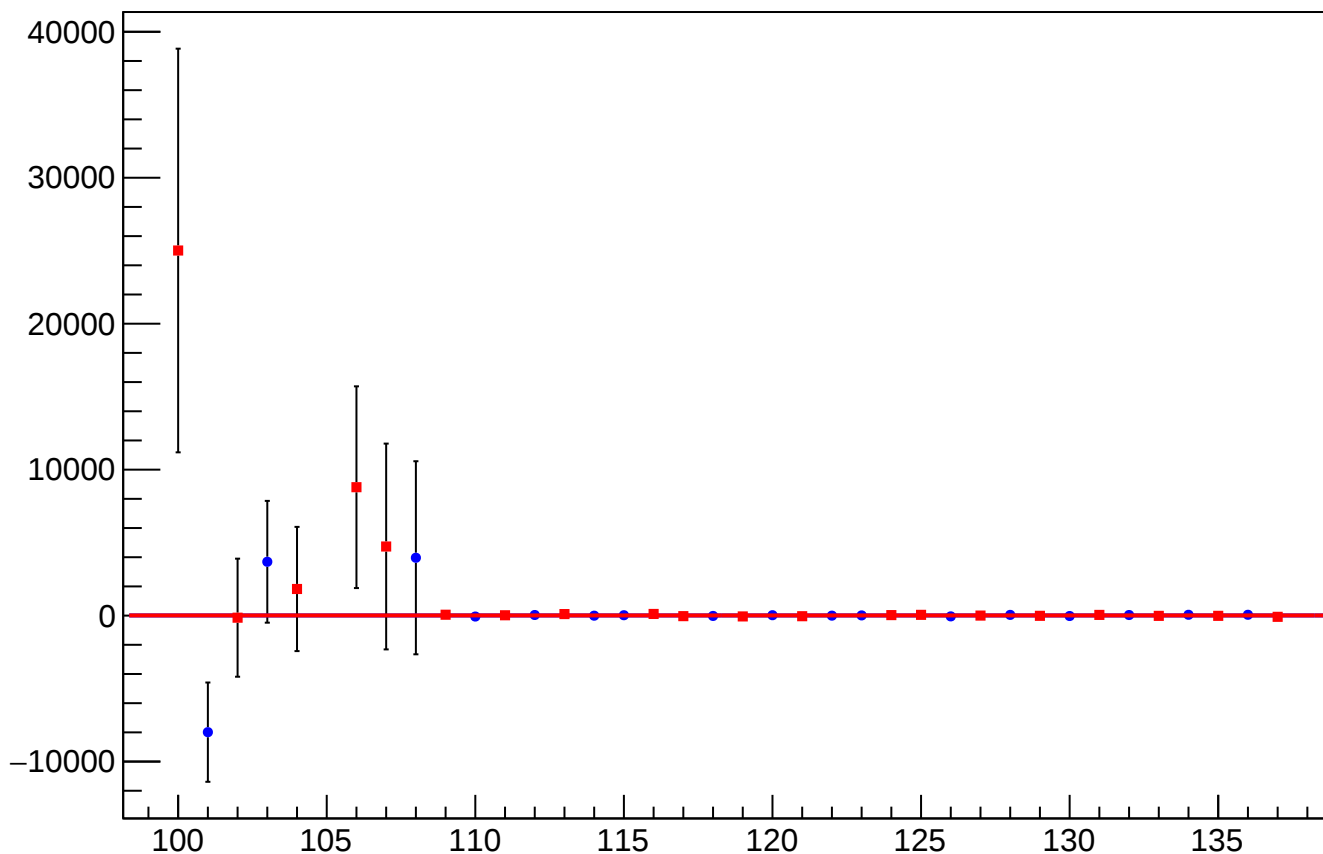
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.190+/-0.062 χ^2/NDF : 3571747.5/16

181.634+/-0.042 χ^2/NDF : 7826618.3/36

173.536+/-0.057 χ^2/NDF : 4210933.2/19

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: 12.573+/-12.182 χ^2/NDF : 24.5/19

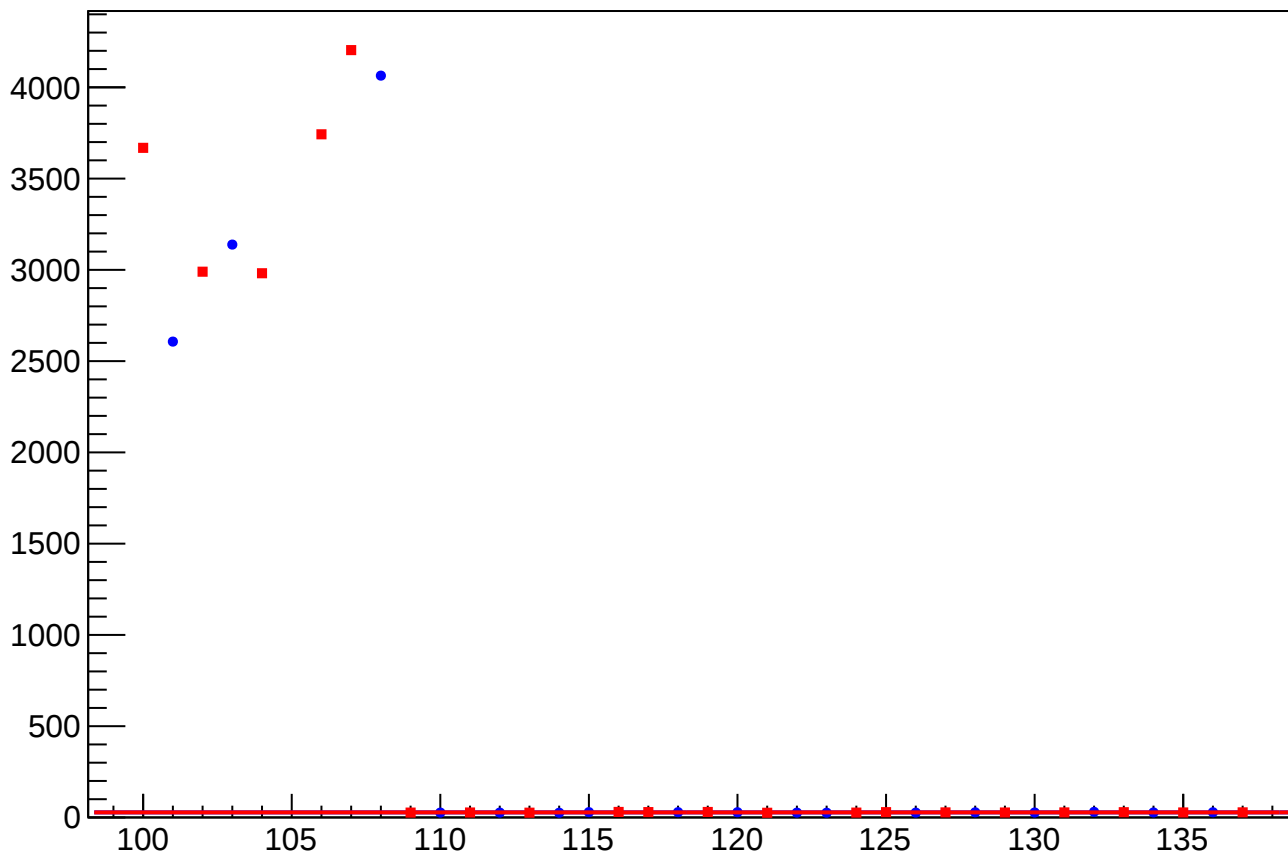
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.398+/-12.190 χ^2/NDF : 18.3/16

11.487+/-8.617 χ^2/NDF : 42.8/36

12.573+/-12.182 χ^2/NDF : 24.5/19

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: 27.706+/-0.009 χ^2/NDF : 3477080.4/19

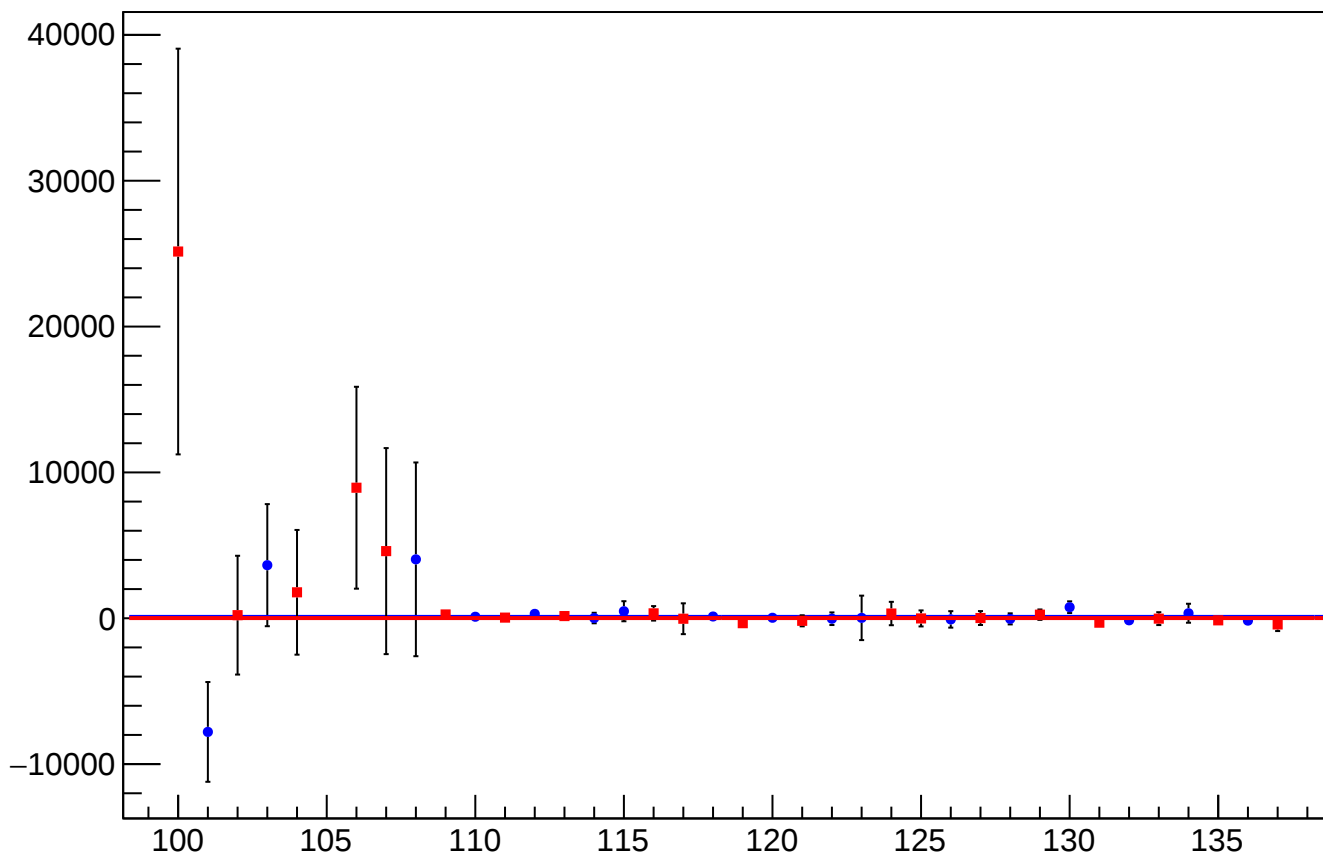
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.837+/-0.009 χ^2/NDF : 3026887.2/16

27.771+/-0.006 χ^2/NDF : 6504081.5/36

27.706+/-0.009 χ^2/NDF : 3477080.4/19

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: 12.509+/-80.407 χ^2/NDF : 12.7/19

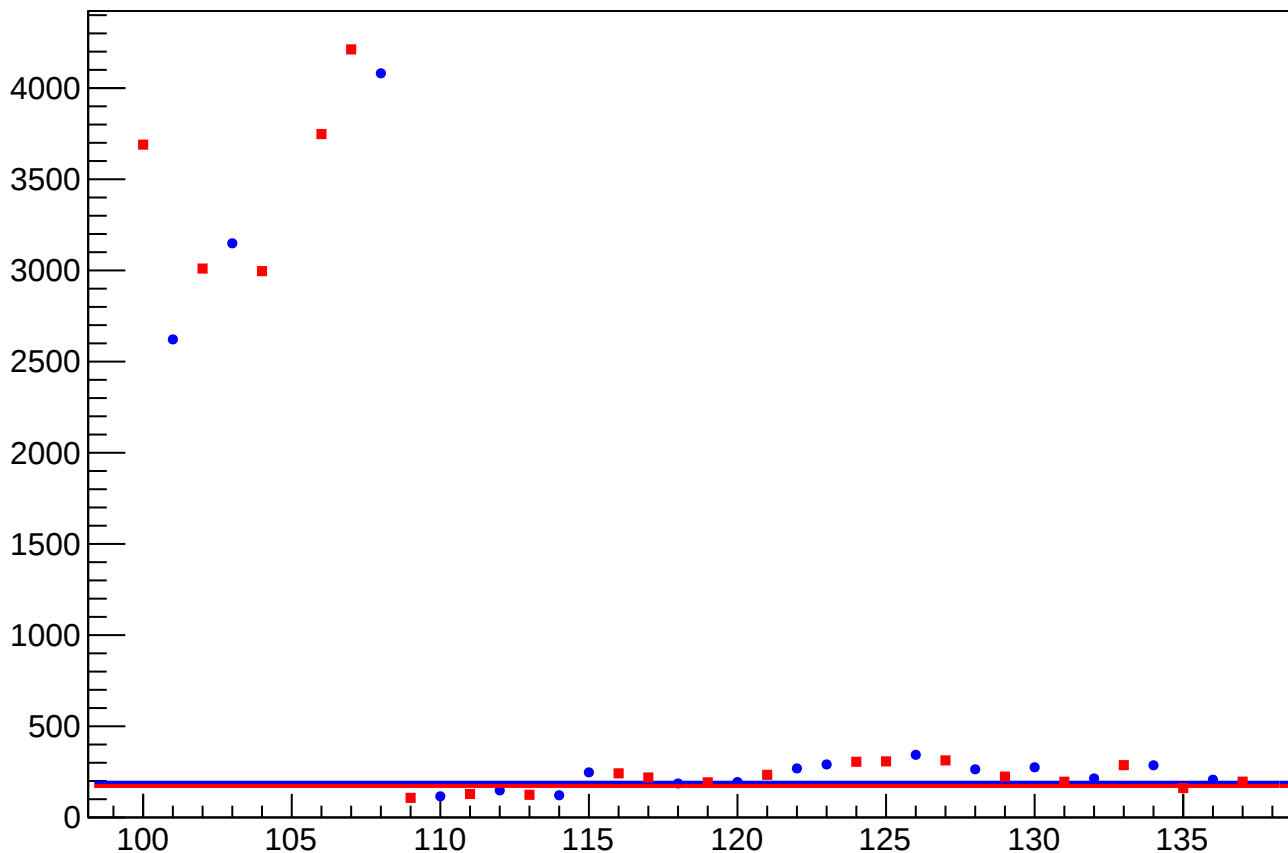
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.840+/-87.359 χ^2/NDF : 12.6/16

49.351+/-59.161 χ^2/NDF : 25.7/36

12.509+/-80.407 χ^2/NDF : 12.7/19

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: 172.872+/-0.057 χ^2/NDF : 4222275.2/19

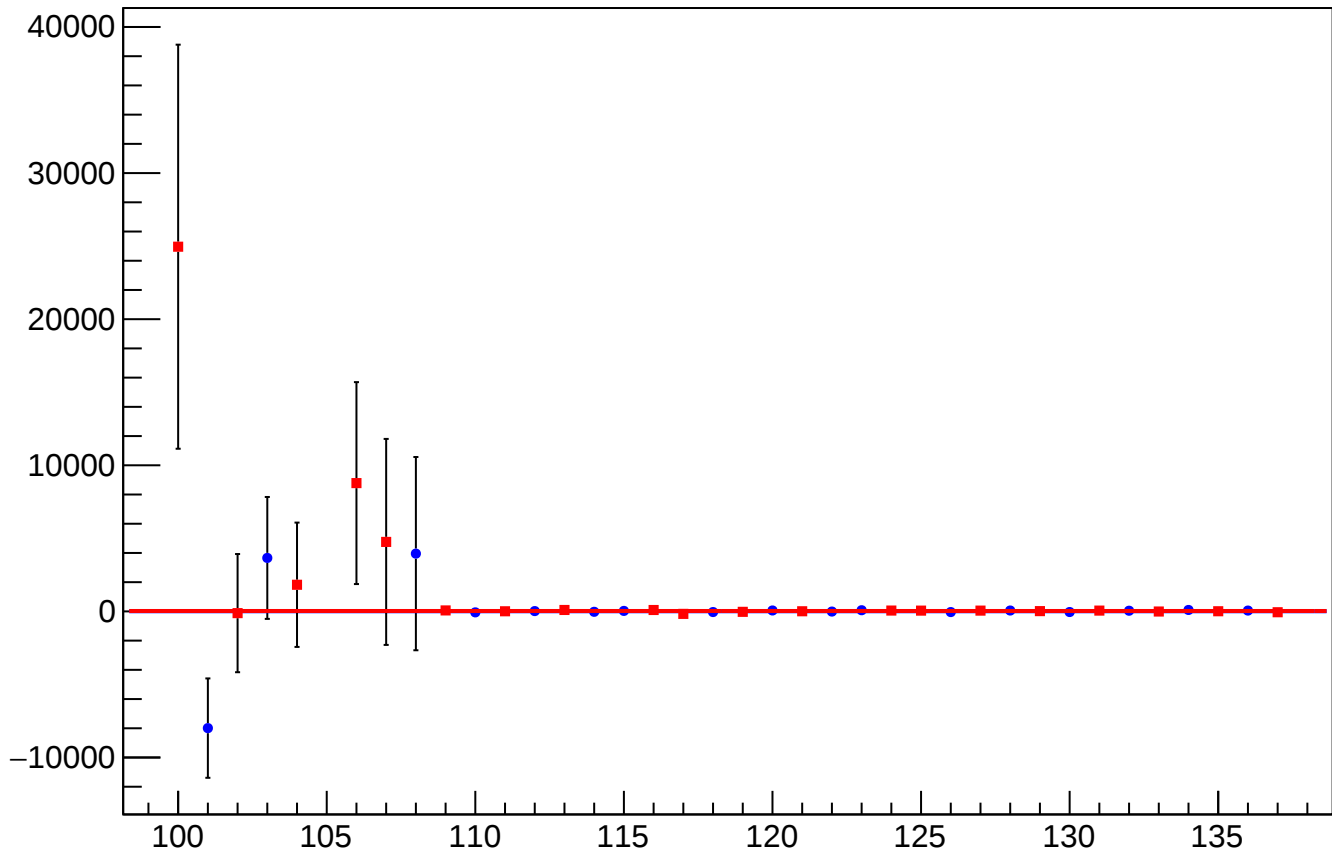
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.485+/-0.062 χ^2/NDF : 3583573.2/16

180.950+/-0.042 χ^2/NDF : 7849862.8/36

172.872+/-0.057 χ^2/NDF : 4222275.2/19

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: 28.128+/-12.282 χ^2 /NDF: 18.5/19

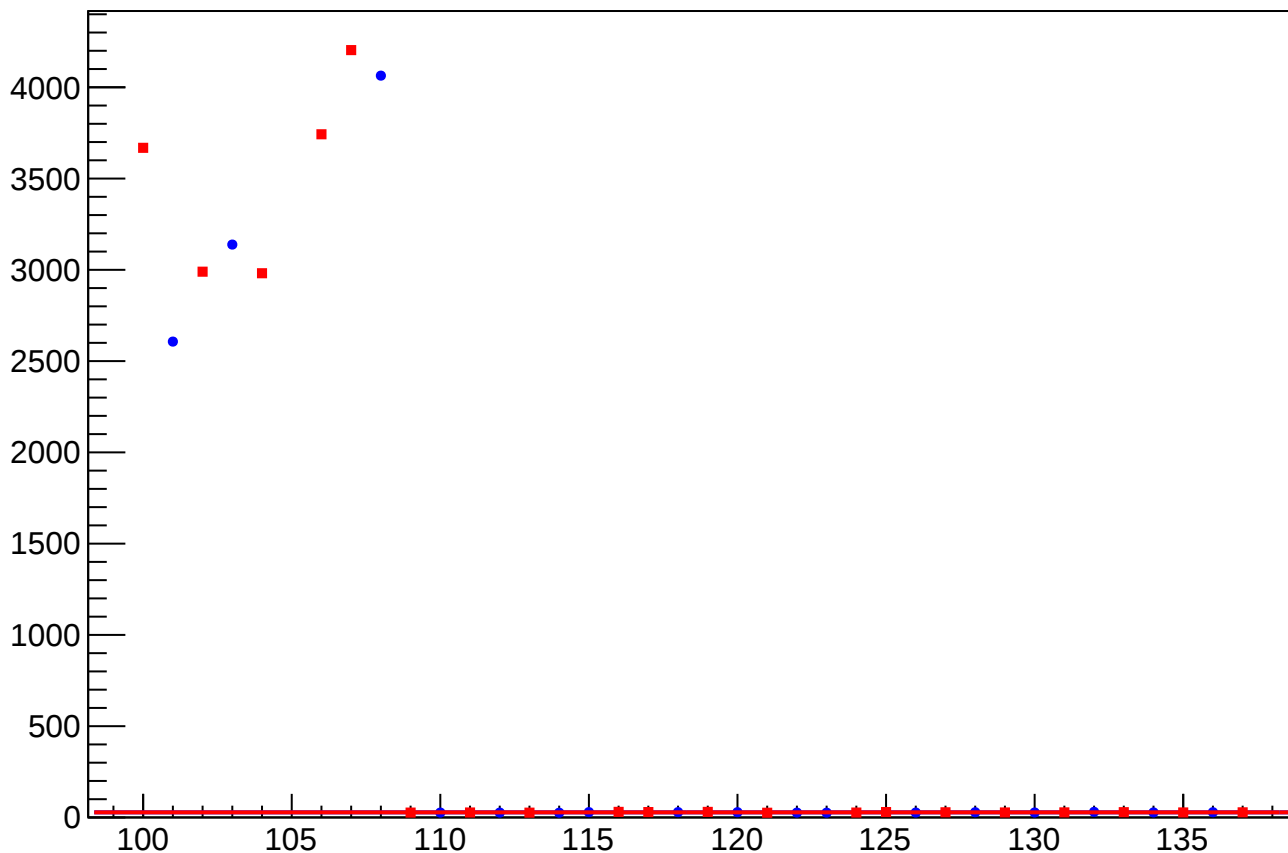
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

9.600+/-12.273 χ^2 /NDF: 23.2/16

18.858+/-8.682 χ^2 /NDF: 42.8/36

28.128+/-12.282 χ^2 /NDF: 18.5/19

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: 27.929+/-0.009 χ^2/NDF : 3479867.7/19

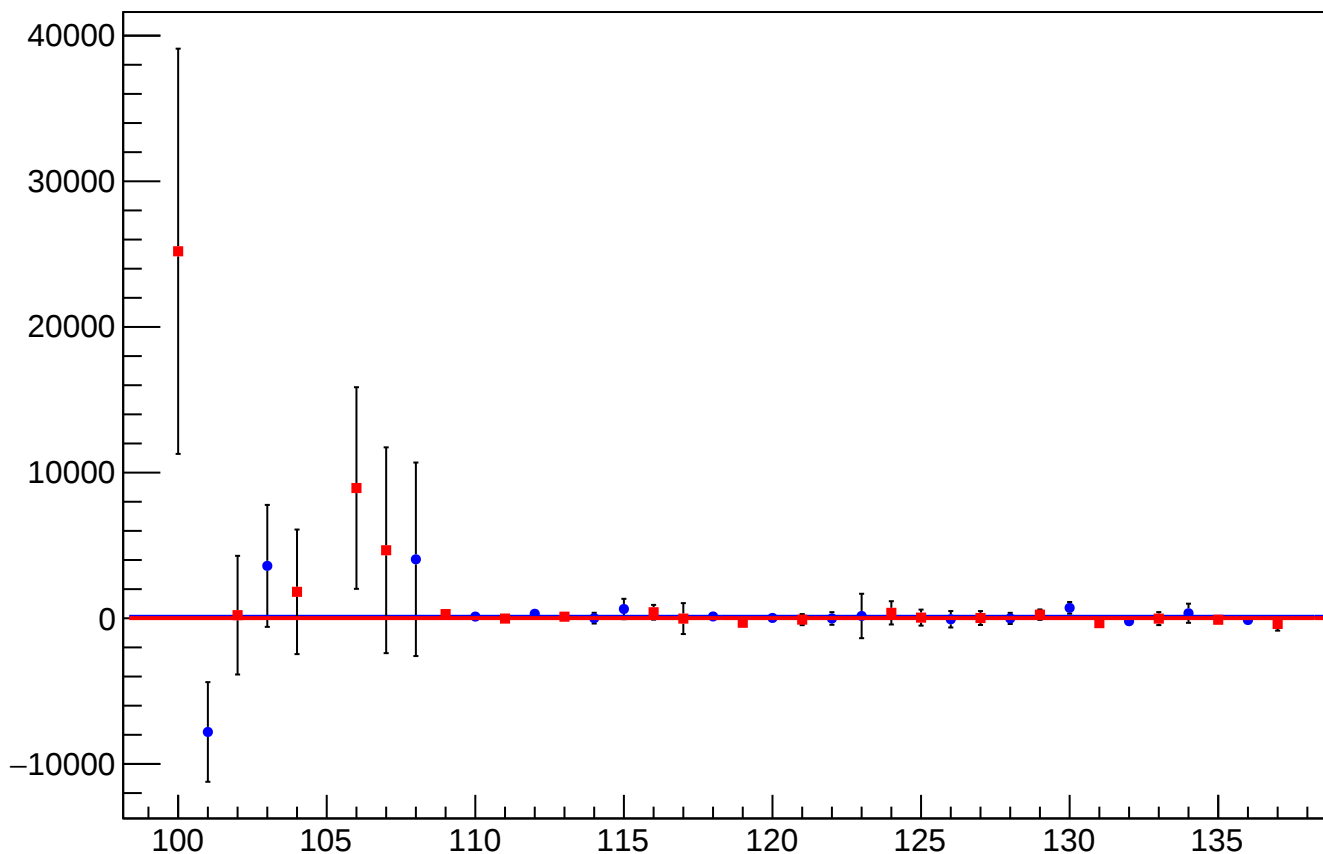
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.023+/-0.009 χ^2/NDF : 3027003.0/16

27.976+/-0.006 χ^2/NDF : 6506929.0/36

27.929+/-0.009 χ^2/NDF : 3479867.7/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 101.772 $\pm$ 88.390 χ^2 /NDF: 12.4/16

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

Right Out: 11.037 $\pm$ 81.486 χ^2 /NDF: 12.3/19

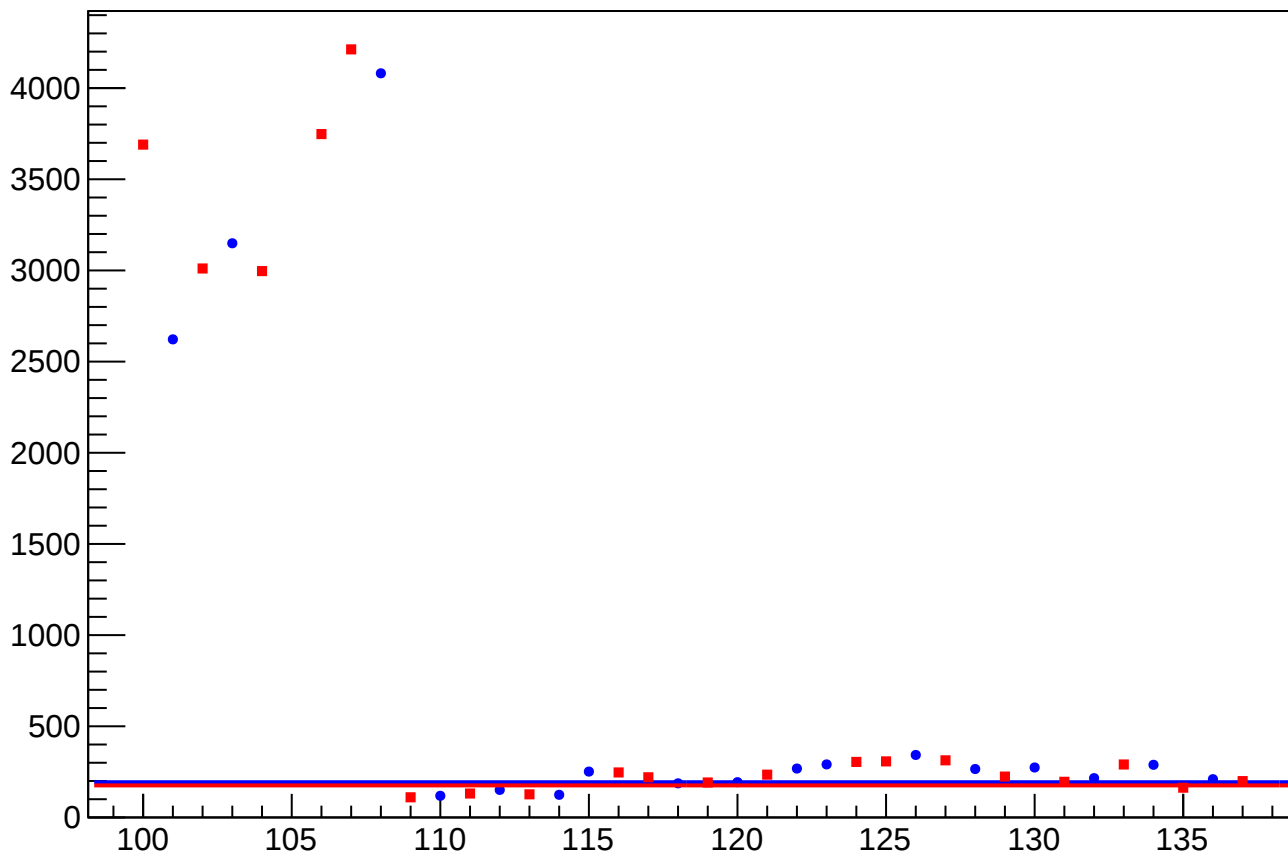
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

101.772 $\pm$ 88.390 χ^2 /NDF: 12.4/16

52.723 $\pm$ 59.912 χ^2 /NDF: 25.2/36

11.037 $\pm$ 81.486 χ^2 /NDF: 12.3/19

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: 175.749+/-0.058 χ^2/NDF : 4168935.2/19

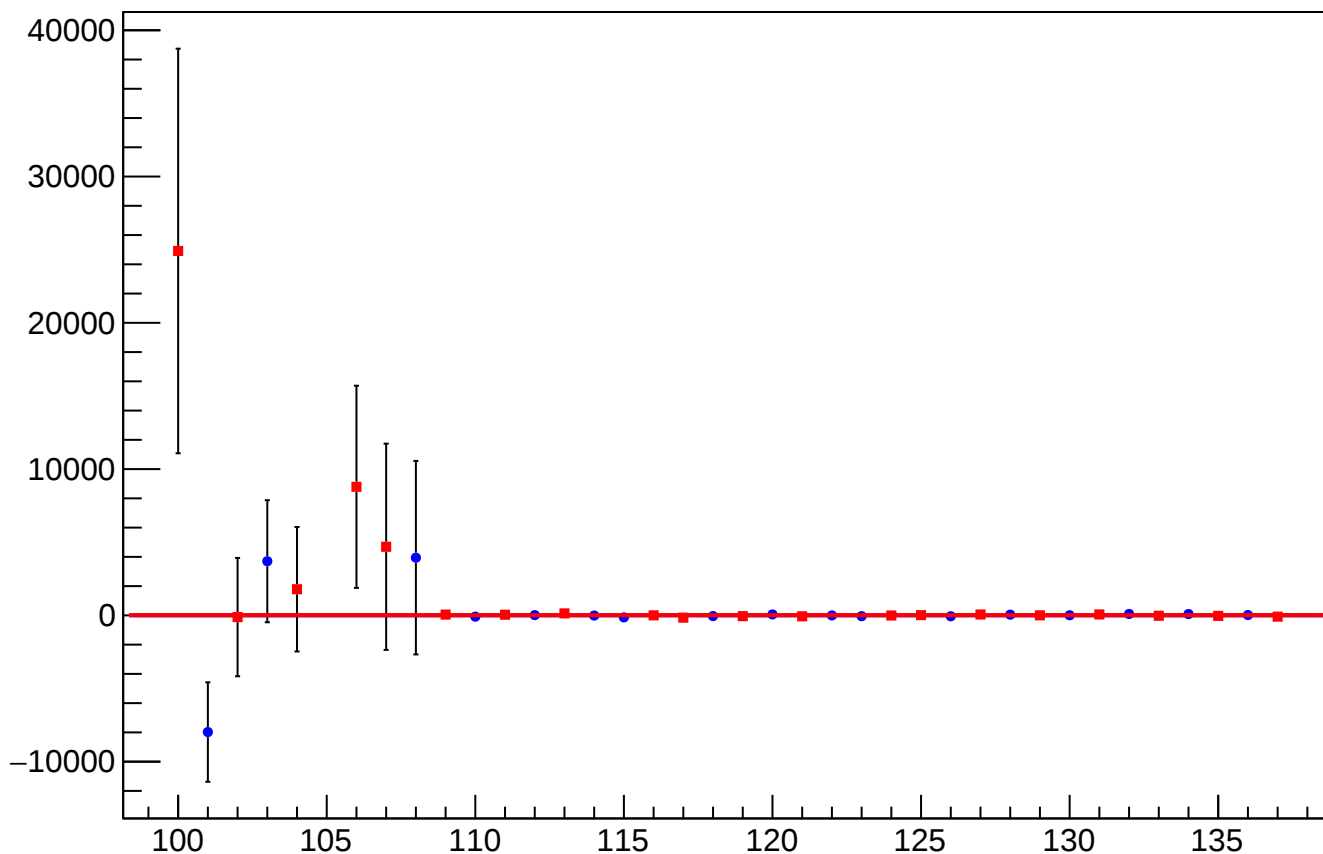
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.190+/-0.063 χ^2/NDF : 3536123.5/16

183.762+/-0.042 χ^2/NDF : 7747150.6/36

175.749+/-0.058 χ^2/NDF : 4168935.2/19

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: 11.101+/-14.886 χ^2/NDF : 22.7/19

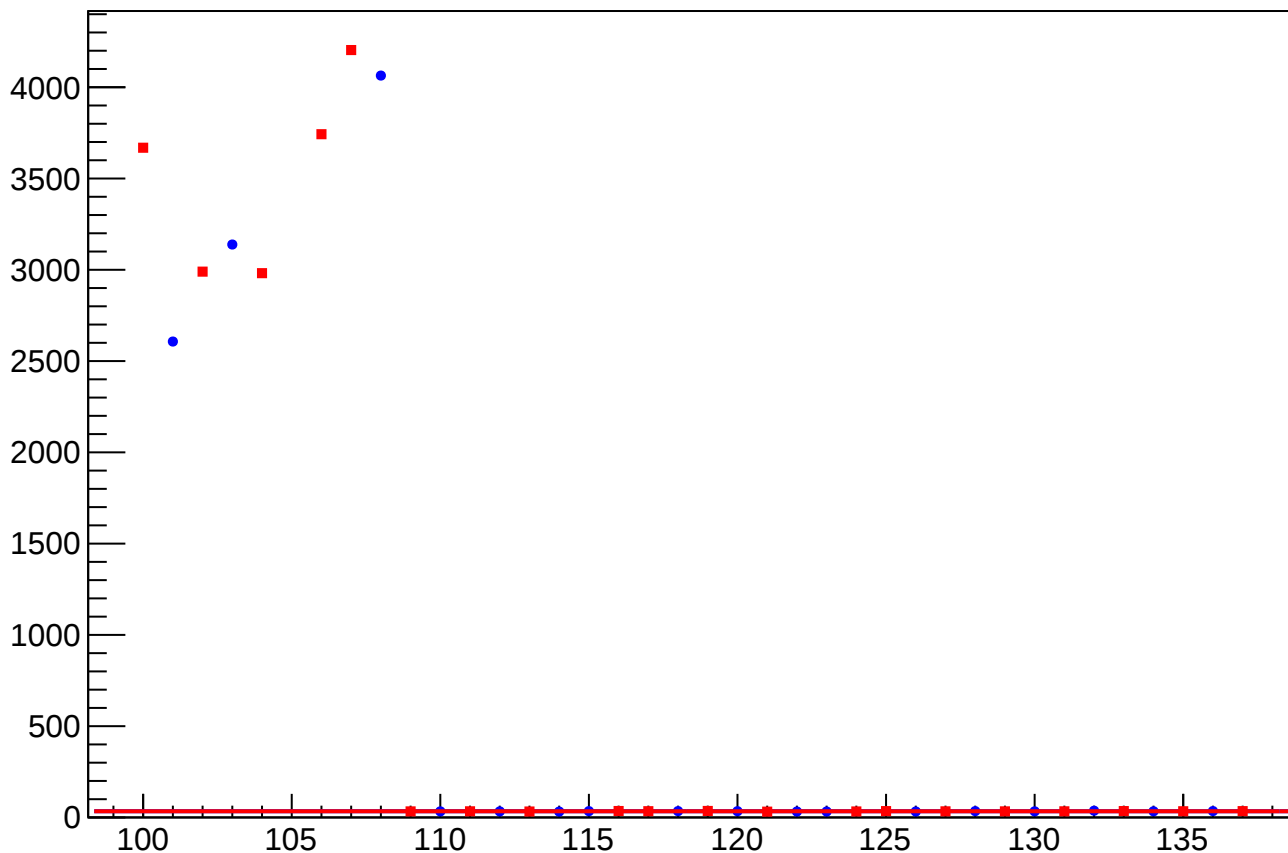
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.651+/-14.935 χ^2/NDF : 20.4/16

7.887+/-10.543 χ^2/NDF : 43.2/36

11.101+/-14.886 χ^2/NDF : 22.7/19

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: 33.915+/-0.011 χ^2 /NDF: 3451897.1/19

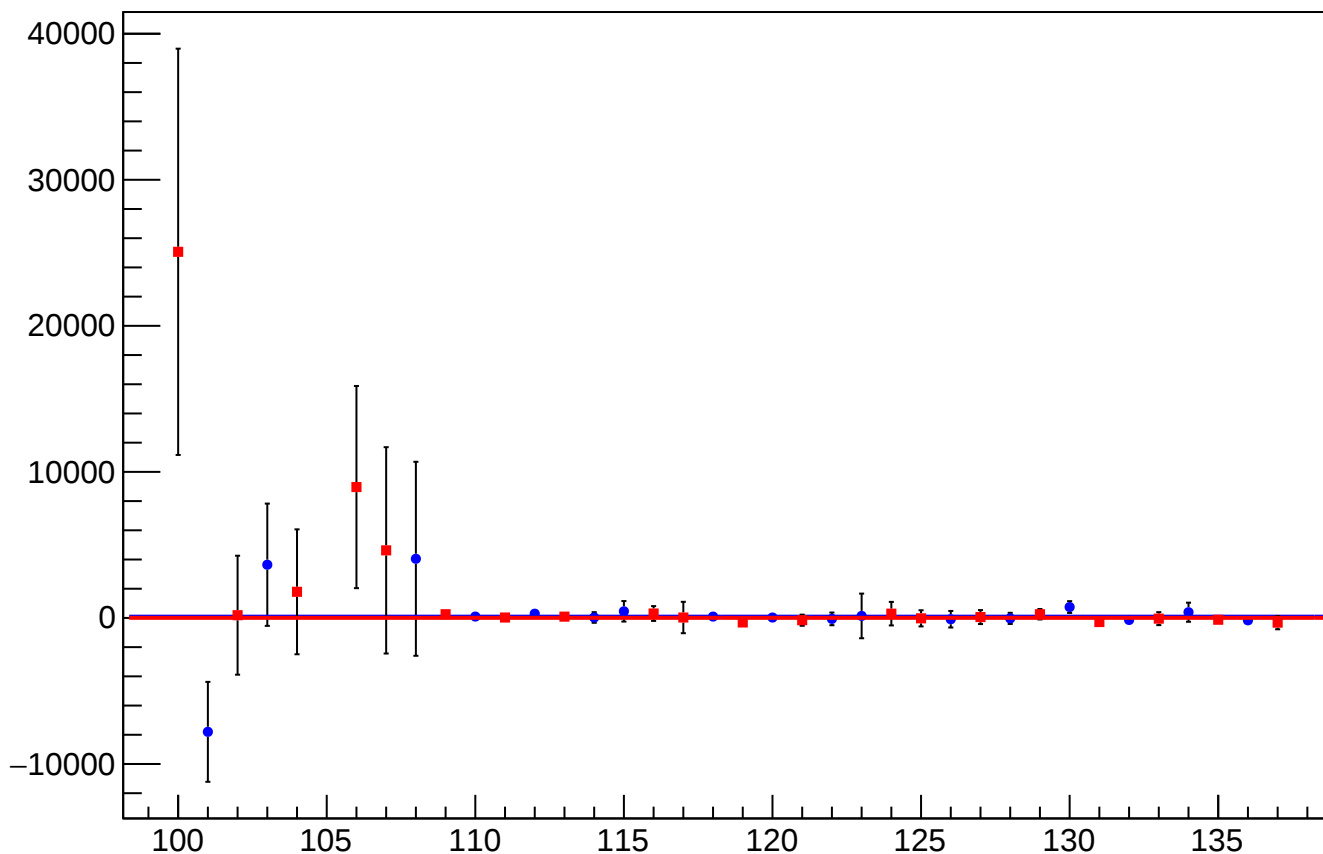
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

34.137+/-0.011 χ^2 /NDF: 3006248.0/16

34.026+/-0.007 χ^2 /NDF: 6458366.6/36

33.915+/-0.011 χ^2 /NDF: 3451897.1/19

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: 7.420+/-80.977 χ^2/NDF : 11.1/19

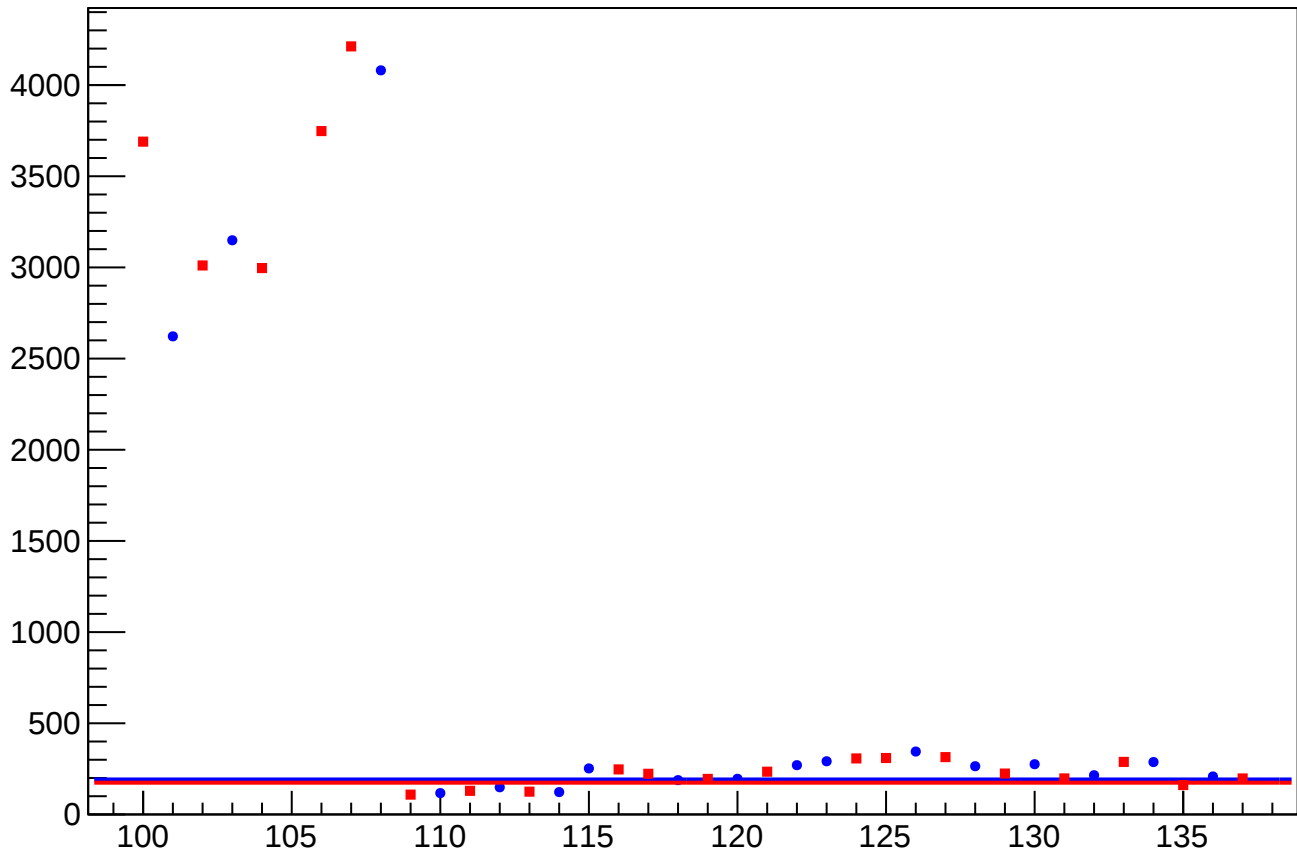
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.041+/-87.947 χ^2/NDF : 12.4/16

43.492+/-59.572 χ^2/NDF : 23.9/36

7.420+/-80.977 χ^2/NDF : 11.1/19

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: 174.207+/-0.057 χ^2/NDF : 4215538.3/19

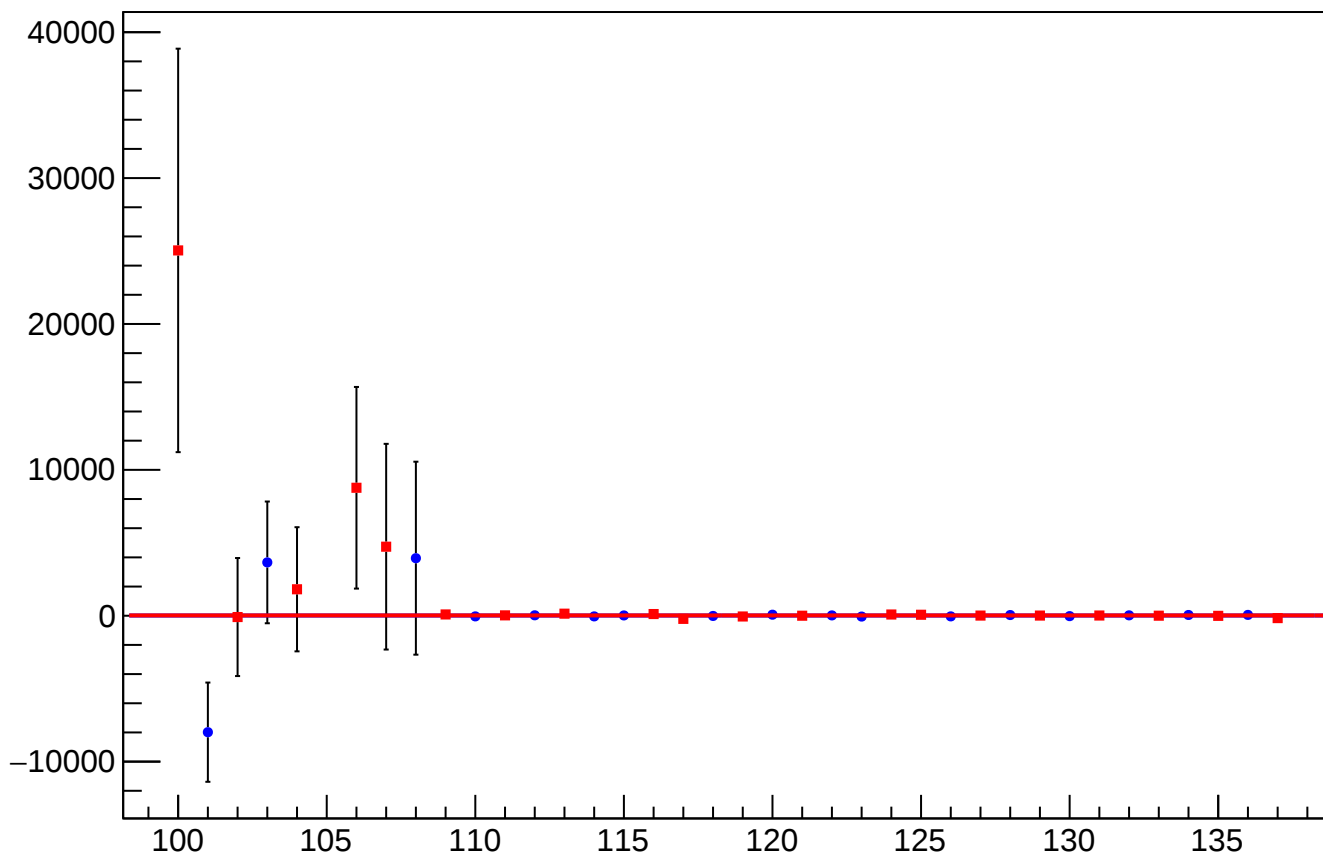
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

191.880+/-0.062 χ^2/NDF : 3573060.2/16

182.315+/-0.042 χ^2/NDF : 7832308.8/36

174.207+/-0.057 χ^2/NDF : 4215538.3/19

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: 21.490+/-13.601 χ^2/NDF : 29.9/19

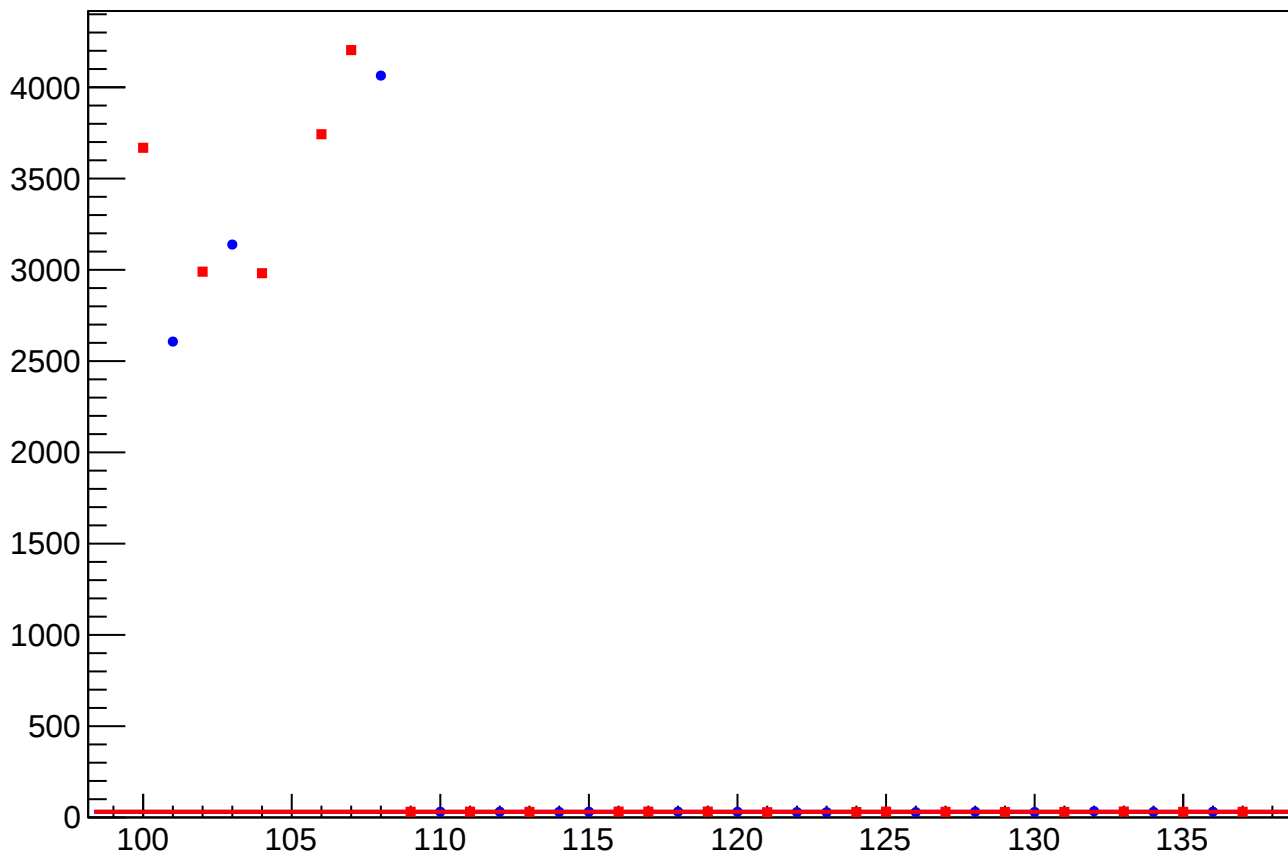
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.121+/-13.618 χ^2/NDF : 15.2/16

17.810+/-9.623 χ^2/NDF : 45.2/36

21.490+/-13.601 χ^2/NDF : 29.9/19

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: 30.970+/-0.010 χ^2/NDF : 3459018.8/19

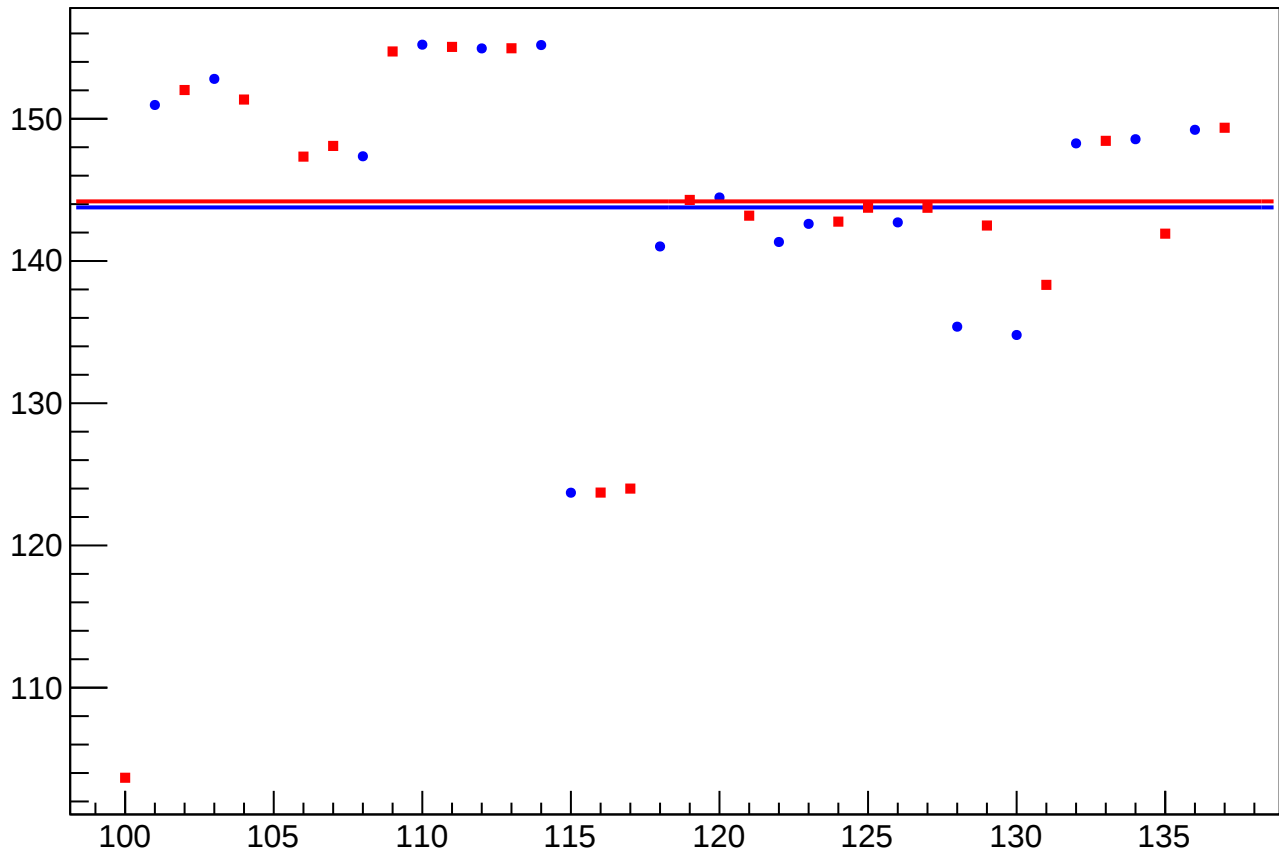
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.127+/-0.010 χ^2/NDF : 3014425.9/16

31.048+/-0.007 χ^2/NDF : 6473576.4/36

30.970+/-0.010 χ^2/NDF : 3459018.8/19

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

143.768+/-0.000 χ^2/NDF : 3532173868.5/16

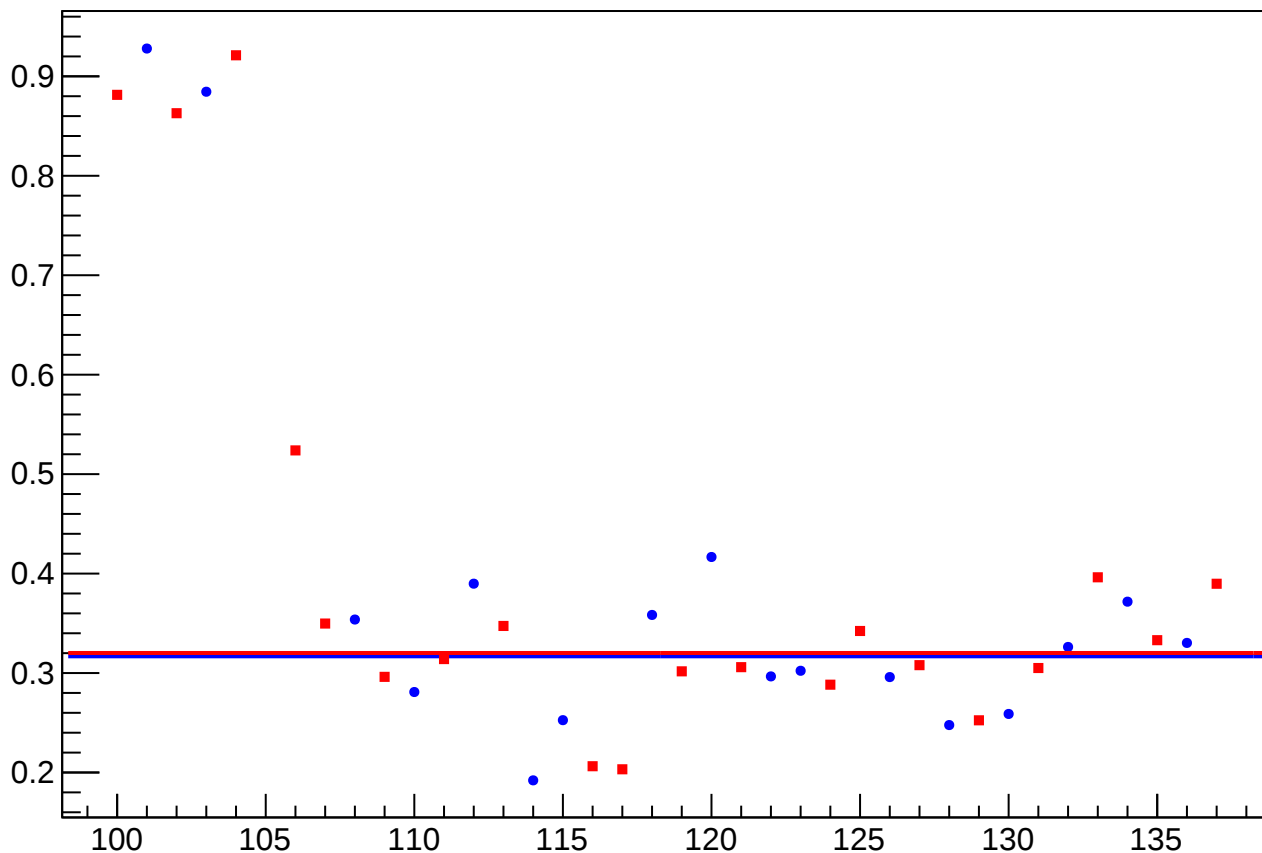
143.983+/-0.000 χ^2/NDF : 8061297075.1/16

Right Out: 144.192+/-0.000 χ^2/NDF : 4524049993.1/19

144.192+/-0.000 χ^2/NDF : 4524049993.1/19

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

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: 0.320+/-0.000 χ^2/NDF : 1240600.2/19

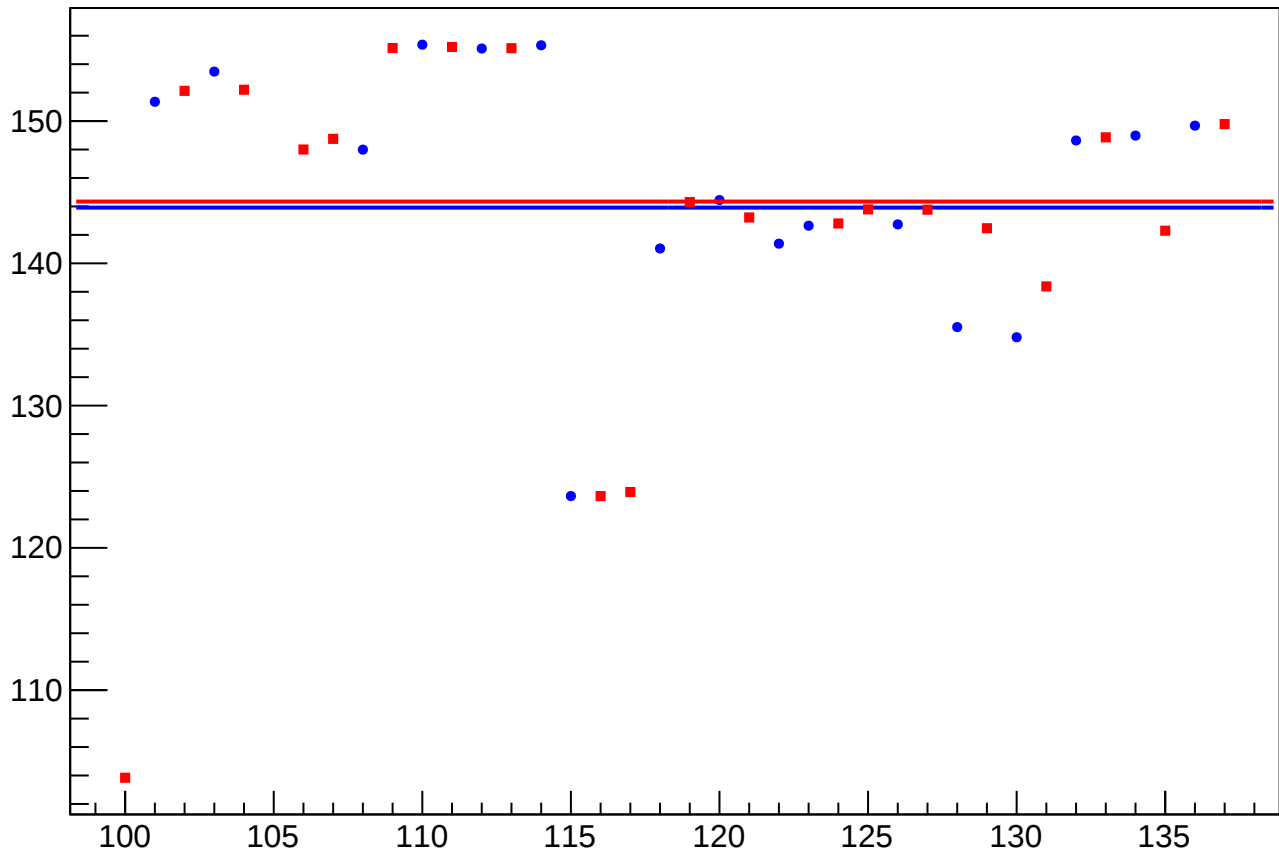
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.317+/-0.000 χ^2/NDF : 1278613.2/16

0.319+/-0.000 χ^2/NDF : 2519846.2/36

0.320+/-0.000 χ^2/NDF : 1240600.2/19

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: 144.342+/-0.000 χ^2/NDF : 4551365931.0/19

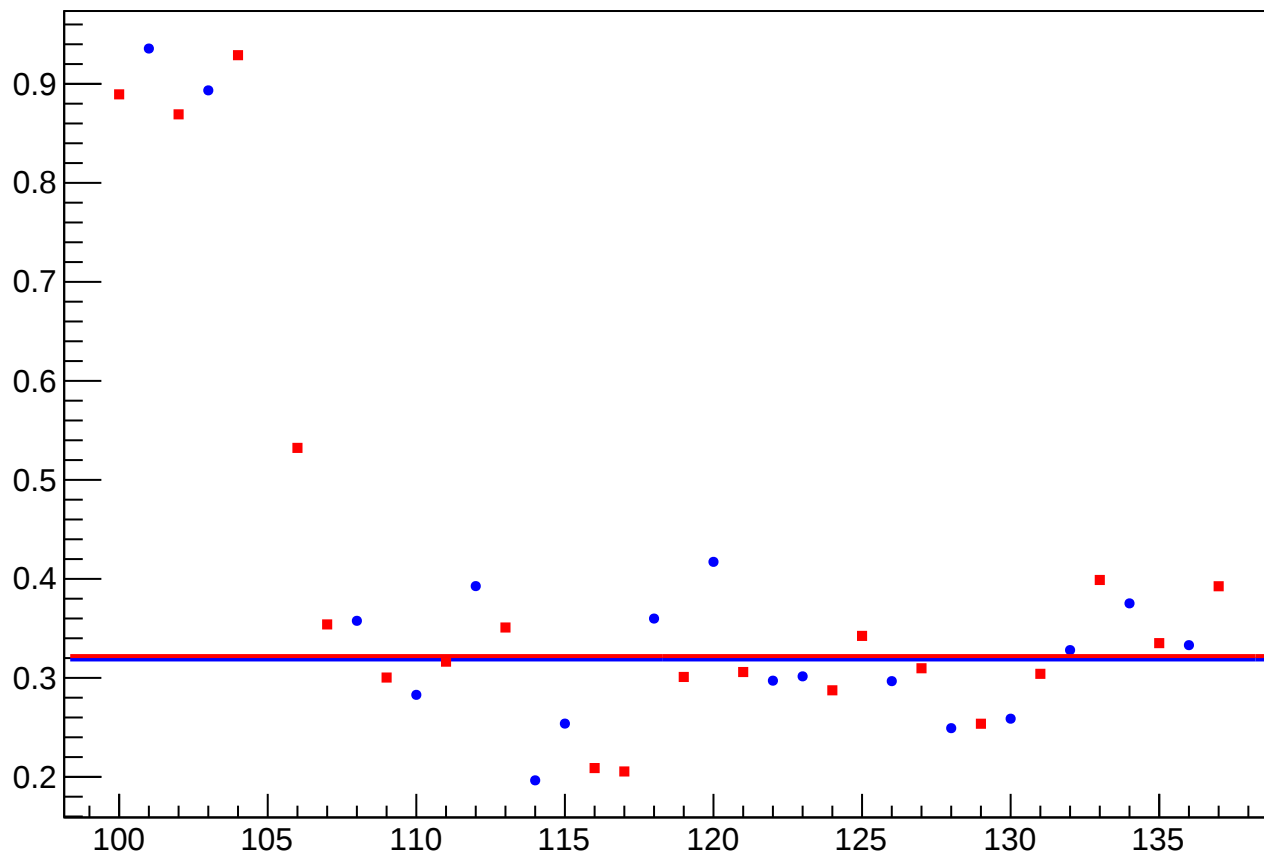
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.917+/-0.000 χ^2/NDF : 3584662767.5/16

144.133+/-0.000 χ^2/NDF : 8141092638.3/19

144.342+/-0.000 χ^2/NDF : 4551365931.0/19

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: 0.322+/-0.000 χ^2/NDF : 1243109.0/19

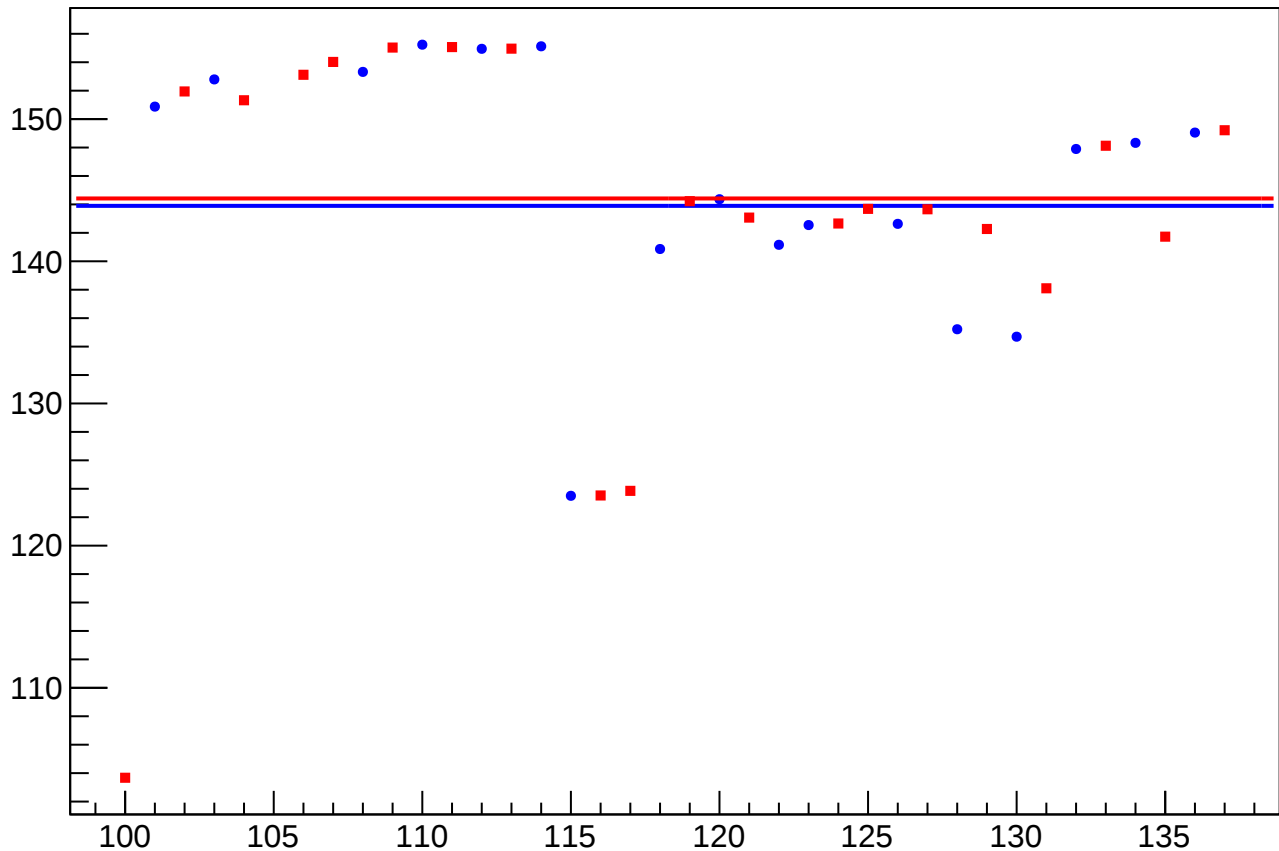
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.319+/-0.000 χ^2/NDF : 1280748.9/16

0.320+/-0.000 χ^2/NDF : 2524512.0/36

0.322+/-0.000 χ^2/NDF : 1243109.0/19

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

Right Out: 144.419+/-0.000 χ^2/NDF : 4820290476.6/19

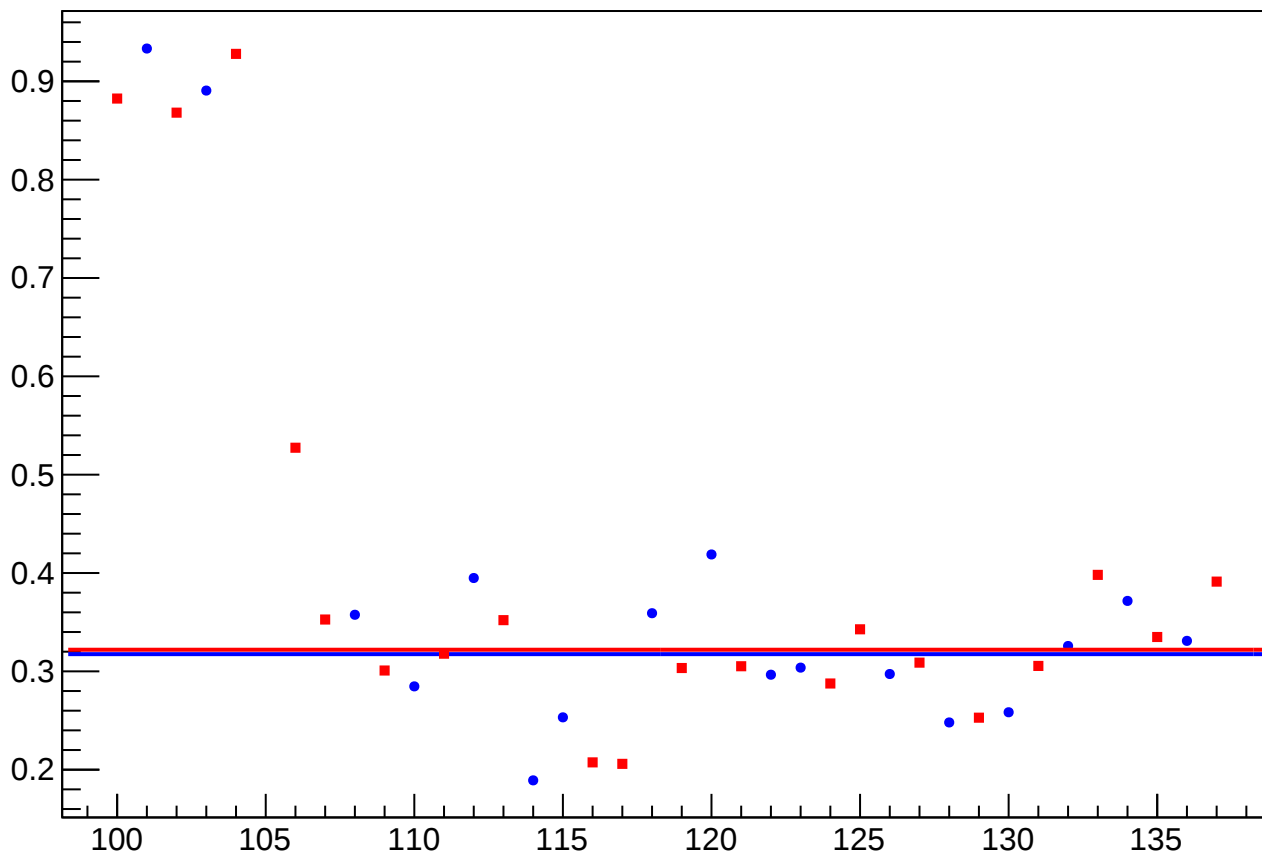
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143.899+/-0.000 χ^2/NDF : 3749888331.0/16

144.162+/-0.000 χ^2/NDF : 8577760451.3/19

144.419+/-0.000 χ^2/NDF : 4820290476.6/19

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: 0.322+/-0.000 χ^2/NDF : 1243703.4/19

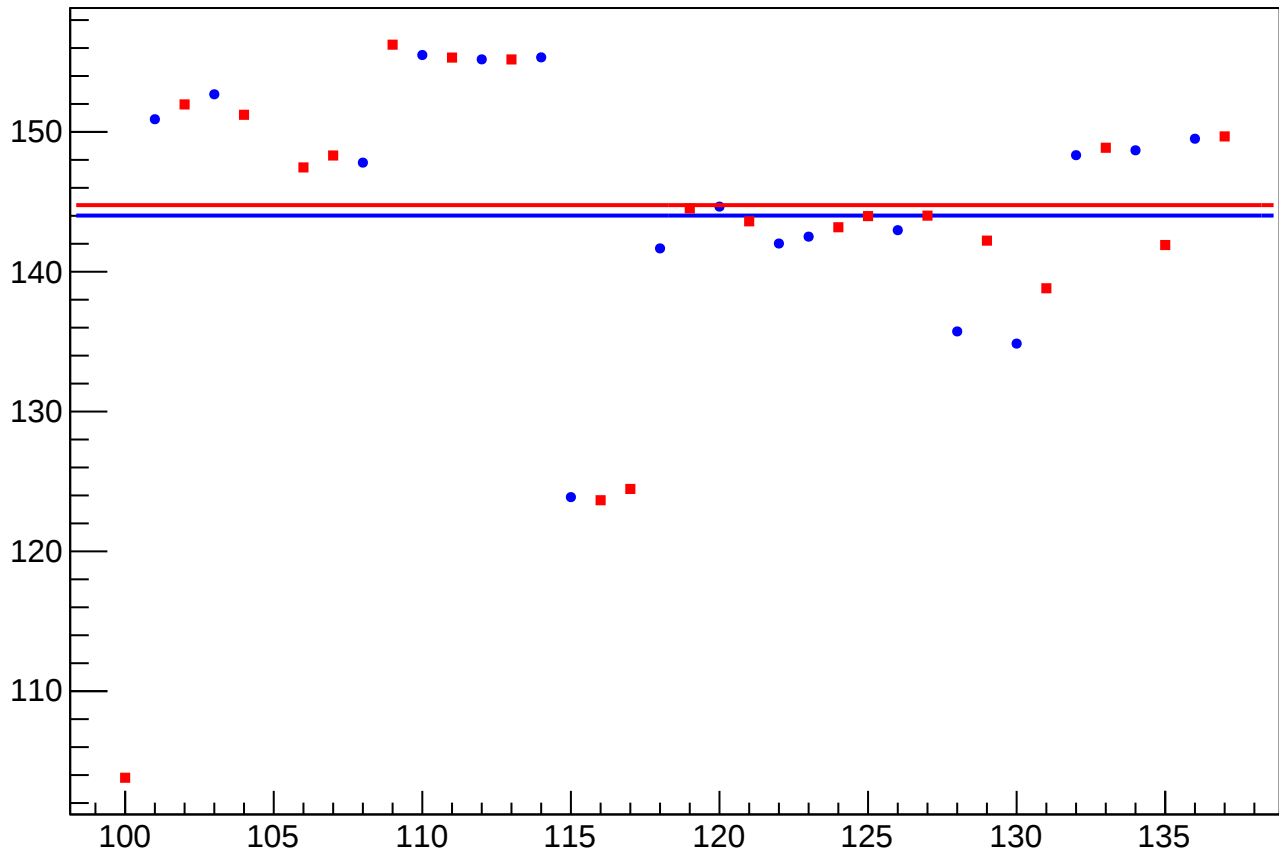
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.317+/-0.000 χ^2/NDF : 1293179.2/16

0.320+/-0.000 χ^2/NDF : 2538017.0/36

0.322+/-0.000 χ^2/NDF : 1243703.4/19

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

144.018+/-0.000 χ^2/NDF : 3238525527.6/16

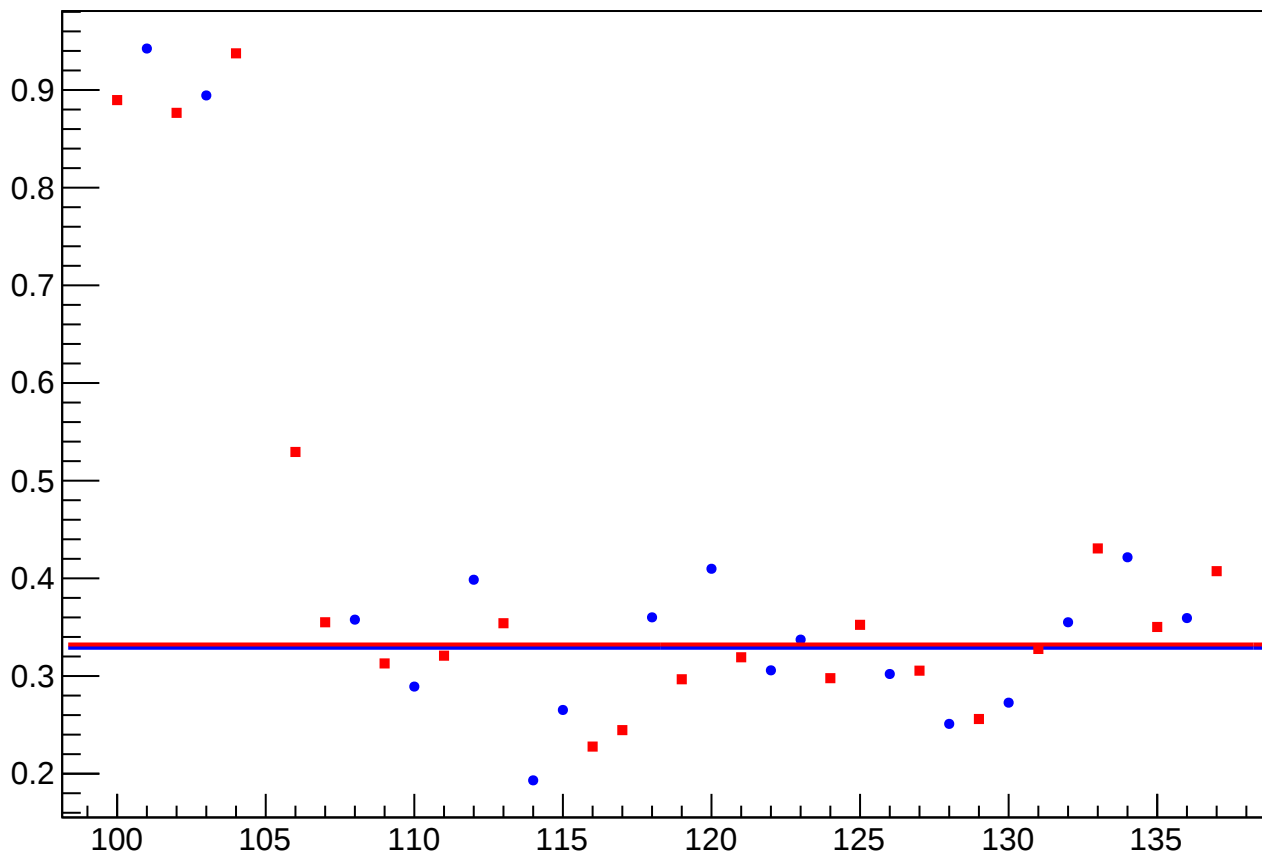
144.397+/-0.000 χ^2/NDF : 7351549105.7/16

Right Out: 144.764+/-0.000 χ^2/NDF : 4098462011.9/19

144.764+/-0.000 χ^2/NDF : 4098462011.9/19

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

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: 0.332+/-0.000 χ^2/NDF : 1191637.2/19

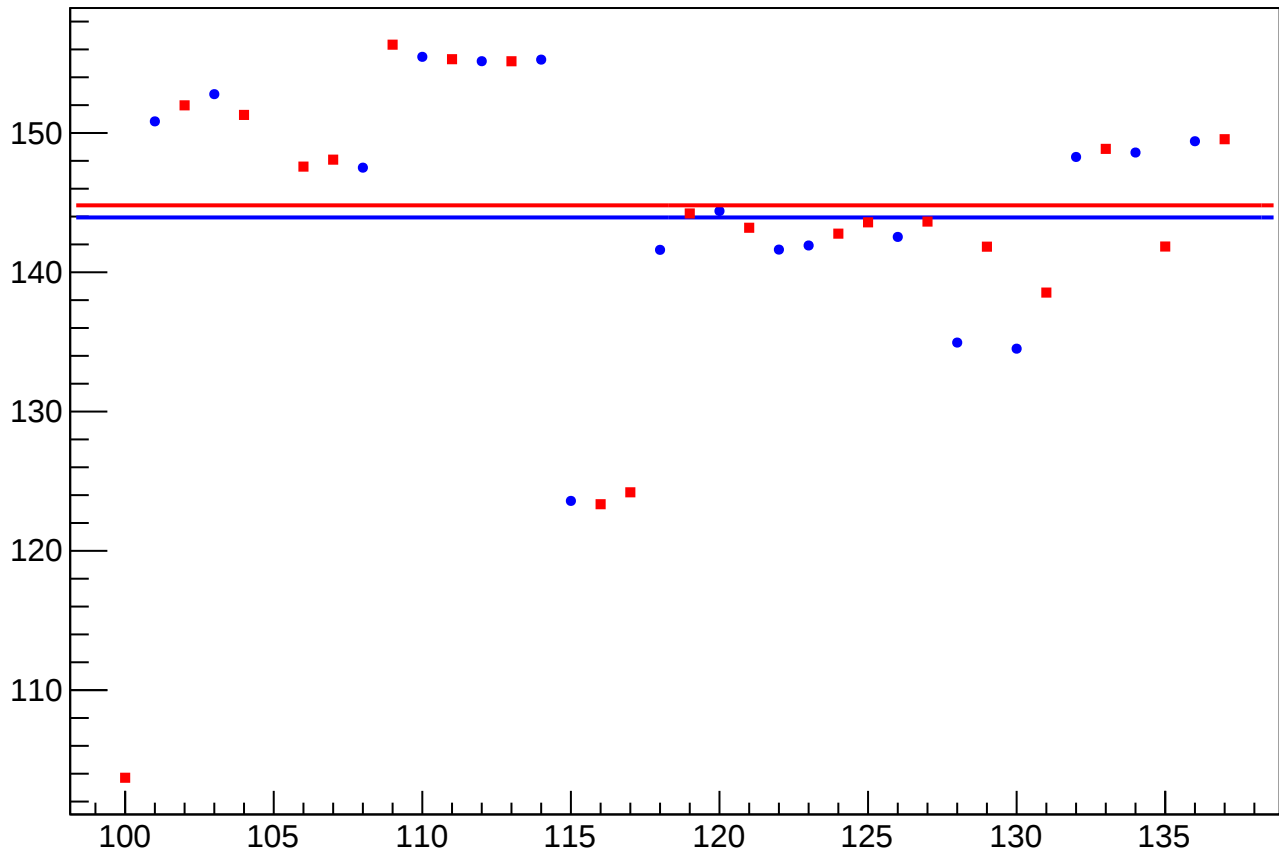
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.329+/-0.000 χ^2/NDF : 1276118.3/16

0.331+/-0.000 χ^2/NDF : 2468335.2/36

0.332+/-0.000 χ^2/NDF : 1191637.2/19

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.937 $\pm$ 0.000 χ^2 /NDF: 3379203532.9/16

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

Right Out: 144.806 $\pm$ 0.000 χ^2 /NDF: 4139087143.3/19

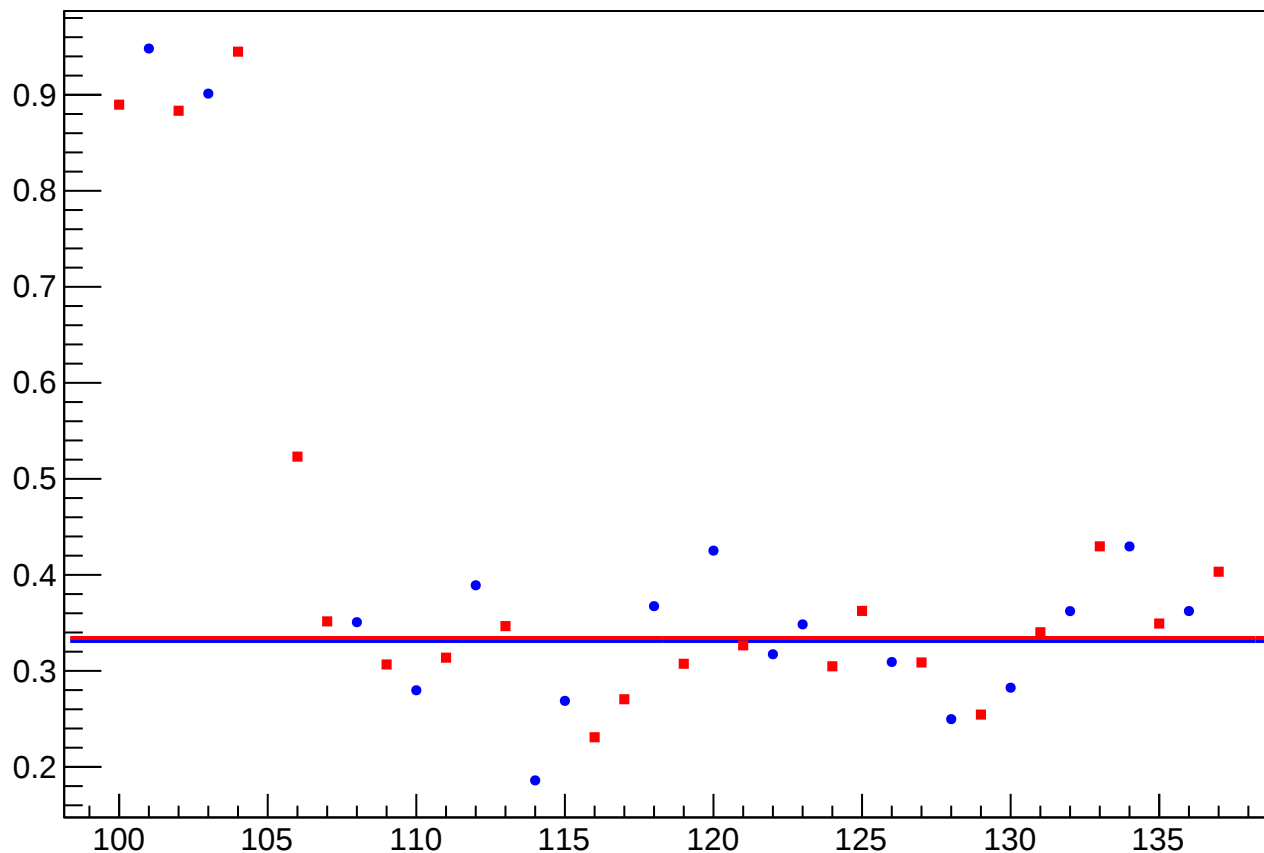
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.937 $\pm$ 0.000 χ^2 /NDF: 3379203532.9/16

144.380 $\pm$ 0.000 χ^2 /NDF: 7537738740.1/16

144.806 $\pm$ 0.000 χ^2 /NDF: 4139087143.3/19

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: 0.334+/-0.000 χ^2/NDF : 1176170.4/19

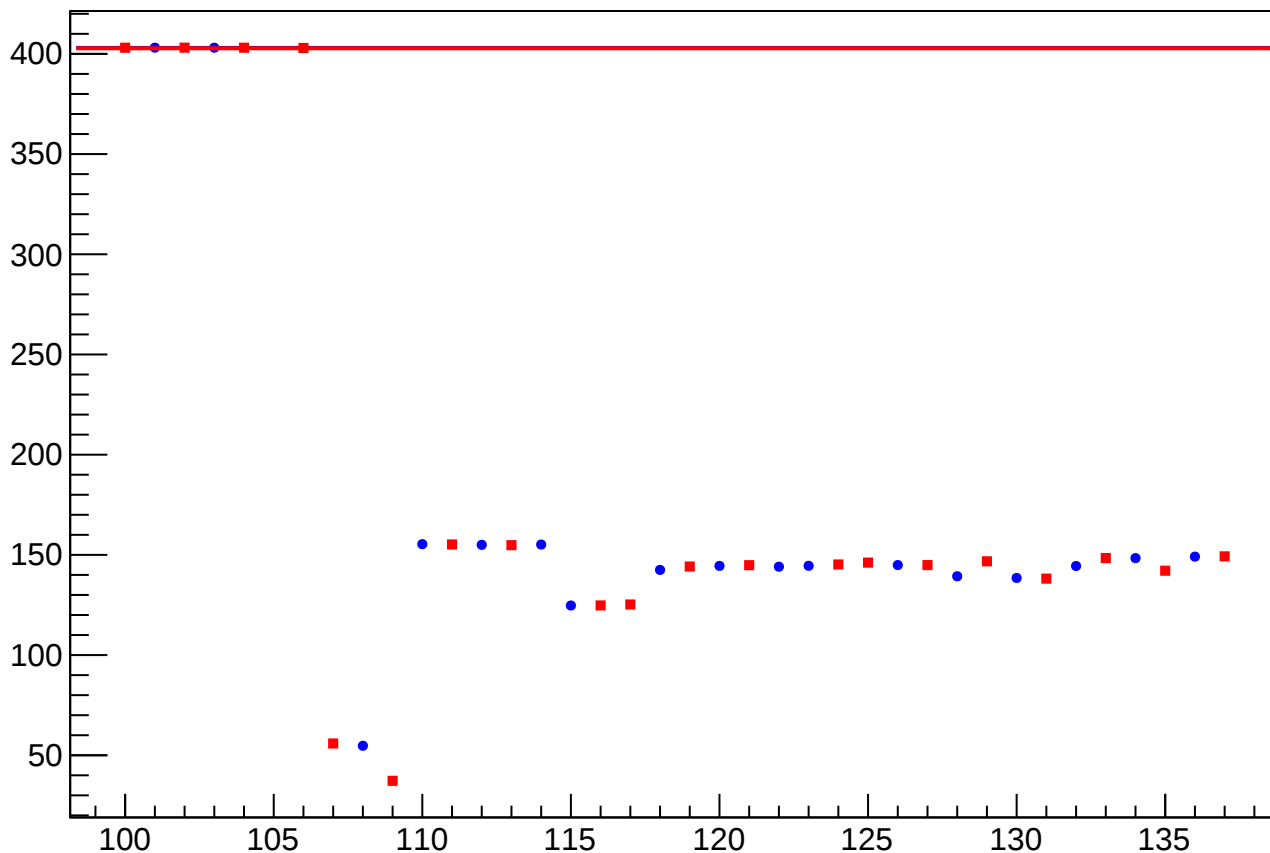
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.331+/-0.000 χ^2/NDF : 1295749.0/16

0.333+/-0.000 χ^2/NDF : 2472404.6/36

0.334+/-0.000 χ^2/NDF : 1176170.4/19

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: 402.797+/-0.000 χ^2/NDF : 3122752044607.2/19

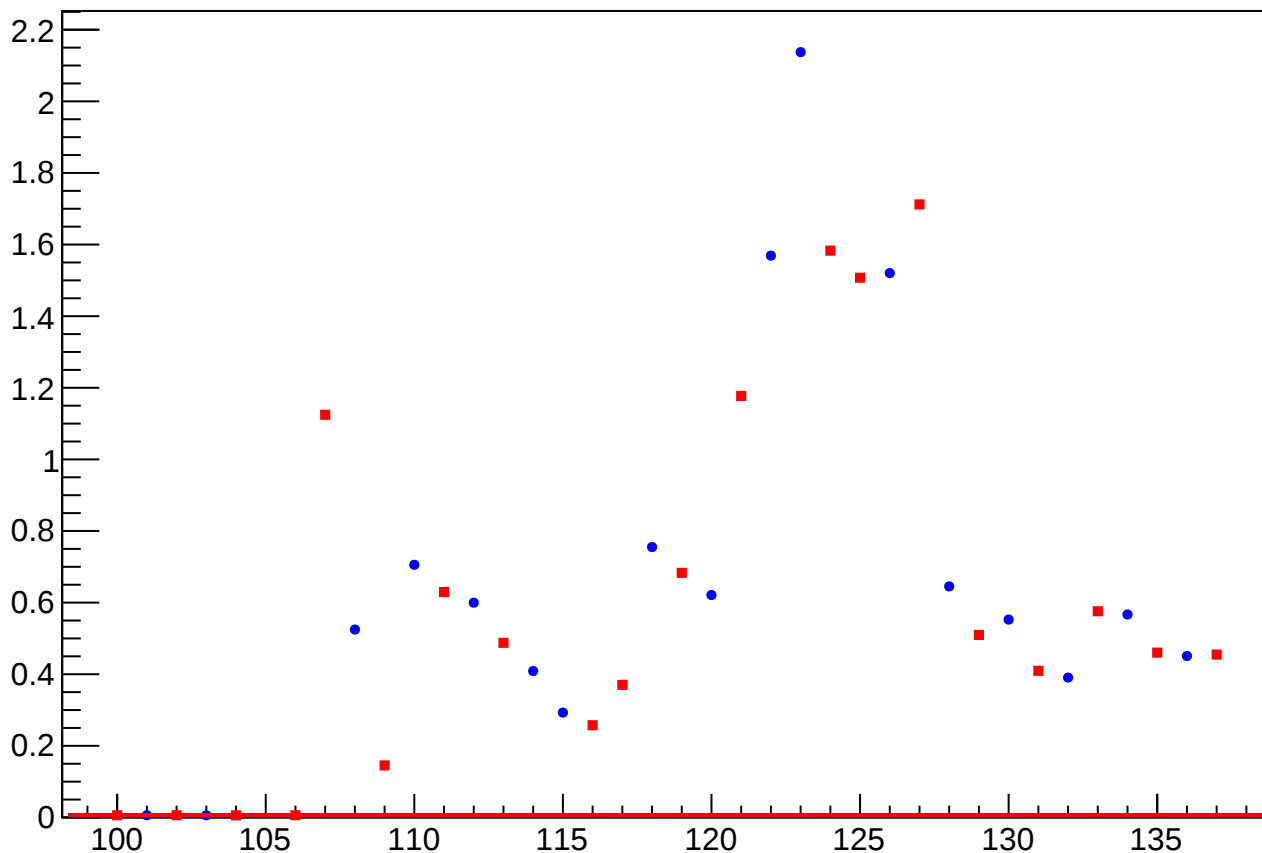
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

402.957+/-0.000 χ^2/NDF : 1096710296821.6/16

402.872+/-0.000 χ^2/NDF : 421988909389

402.797+/-0.000 χ^2/NDF : 3122752044607.2/19

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 : 9277290.2/19

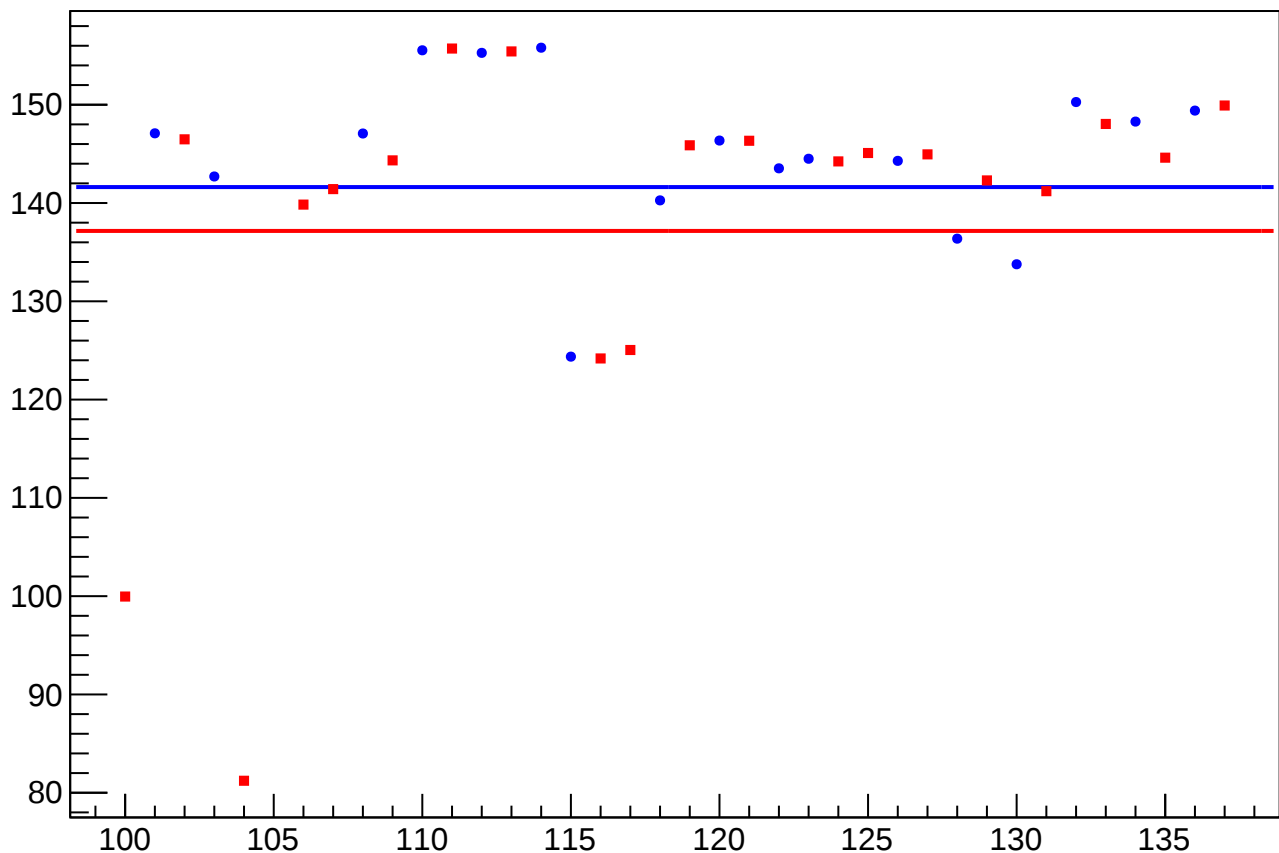
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 9161050.1/16

0.006+/-0.000 χ^2/NDF : 18438342.8/36

0.006+/-0.000 χ^2/NDF : 9277290.2/19

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.622+/-0.000 χ^2/NDF : 982037737.7/16

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

Right Out: 137.160+/-0.000 χ^2/NDF : 1365742338.8/19

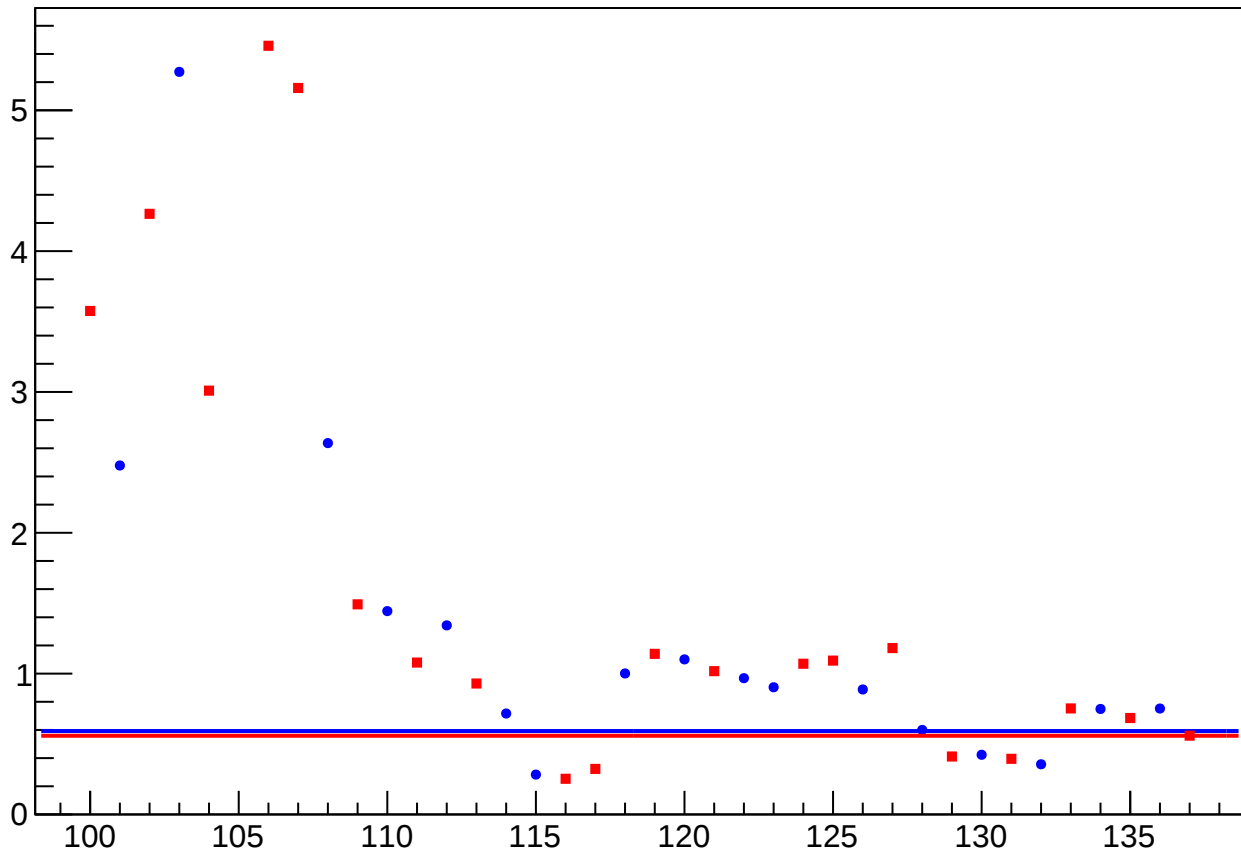
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

141.622+/-0.000 χ^2/NDF : 982037737.7/16

139.303+/-0.000 χ^2/NDF : 2452522104.6/19

137.160+/-0.000 χ^2/NDF : 1365742338.8/19

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 : 4719868.1/19

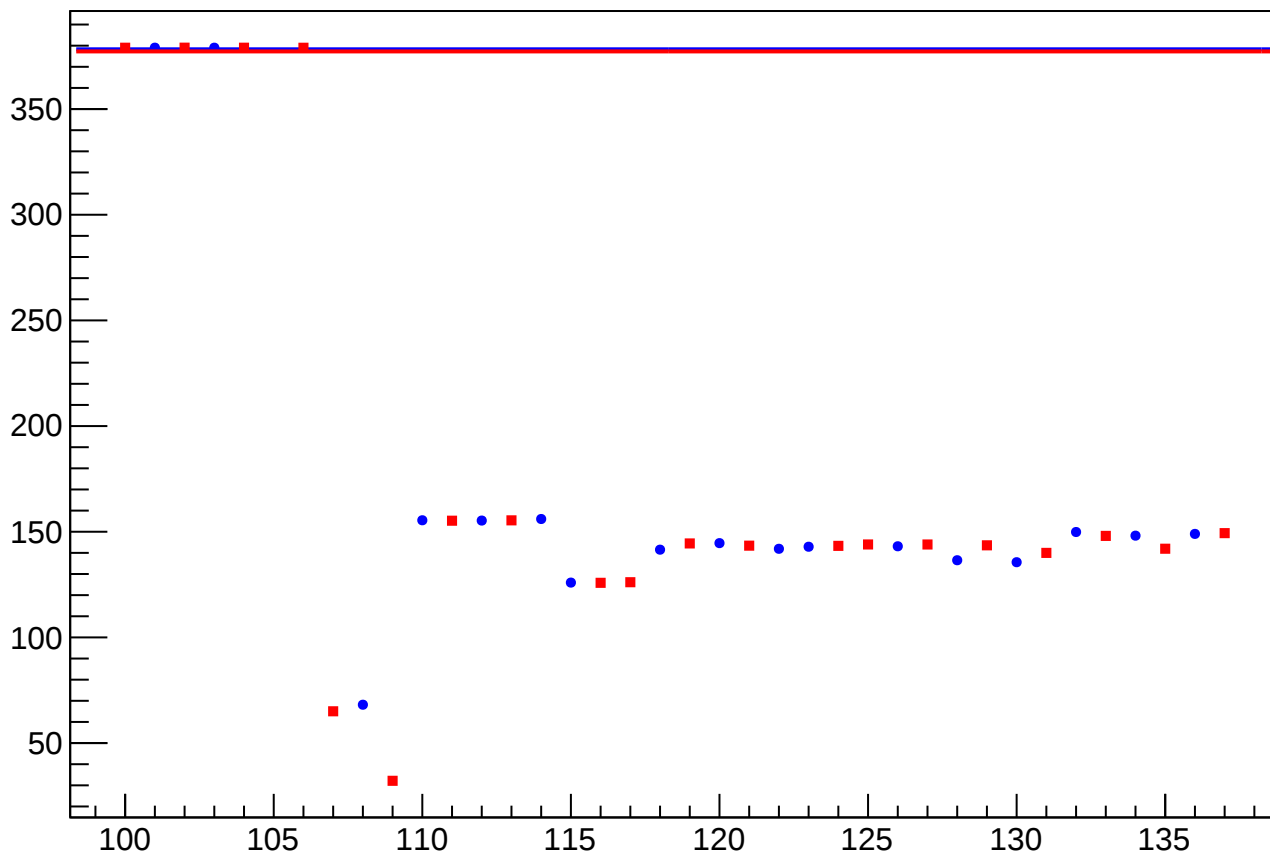
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.592+/-0.000 χ^2/NDF : 3521577.2/16

0.575+/-0.000 χ^2/NDF : 8253184.5/36

0.559+/-0.000 χ^2/NDF : 4719868.1/19

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: 377.282+/-0.000 χ^2/NDF : 8306405788315.4/19

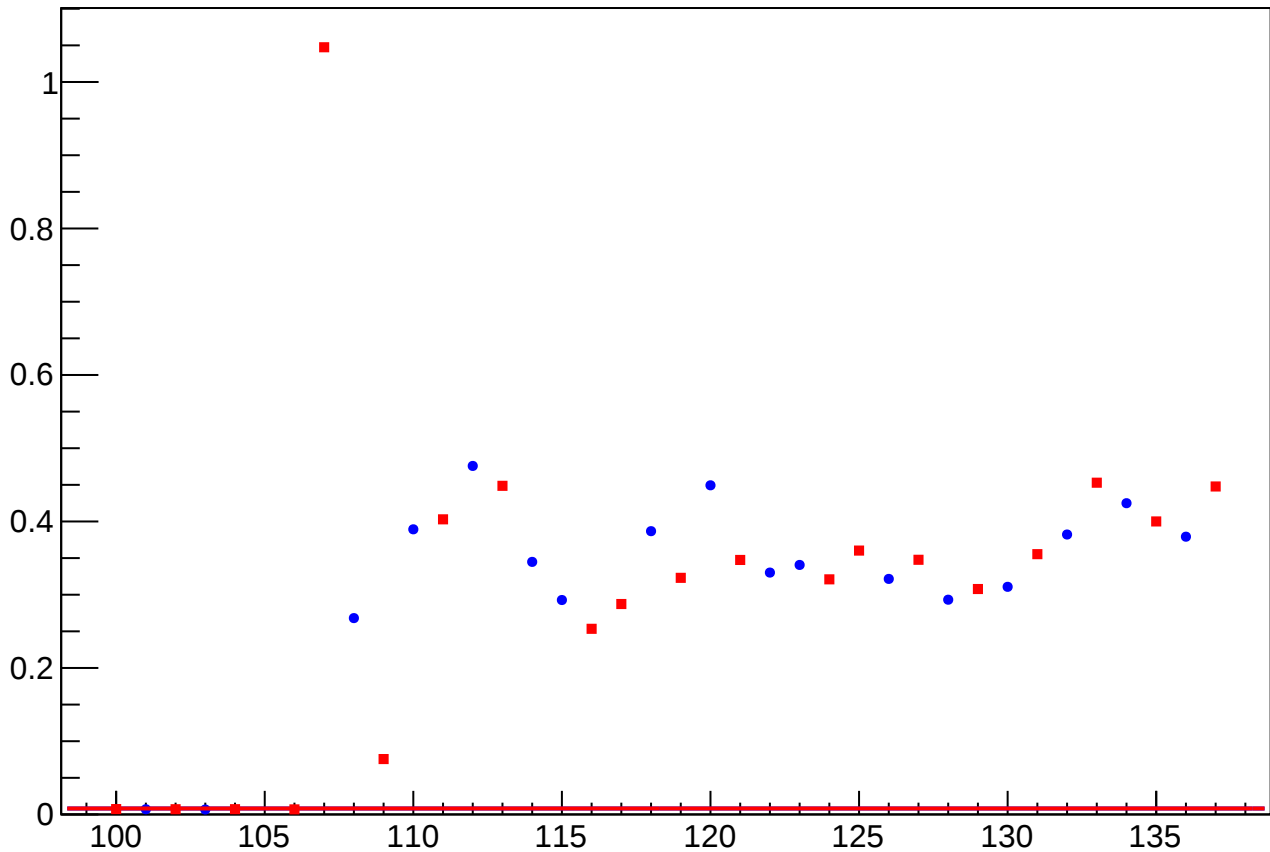
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.281+/-0.000 χ^2/NDF : 2512261599188.1/16

377.749+/-0.000 χ^2/NDF : 108257523742

377.282+/-0.000 χ^2/NDF : 8306405788315.4/19

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 : 9601959.4/19

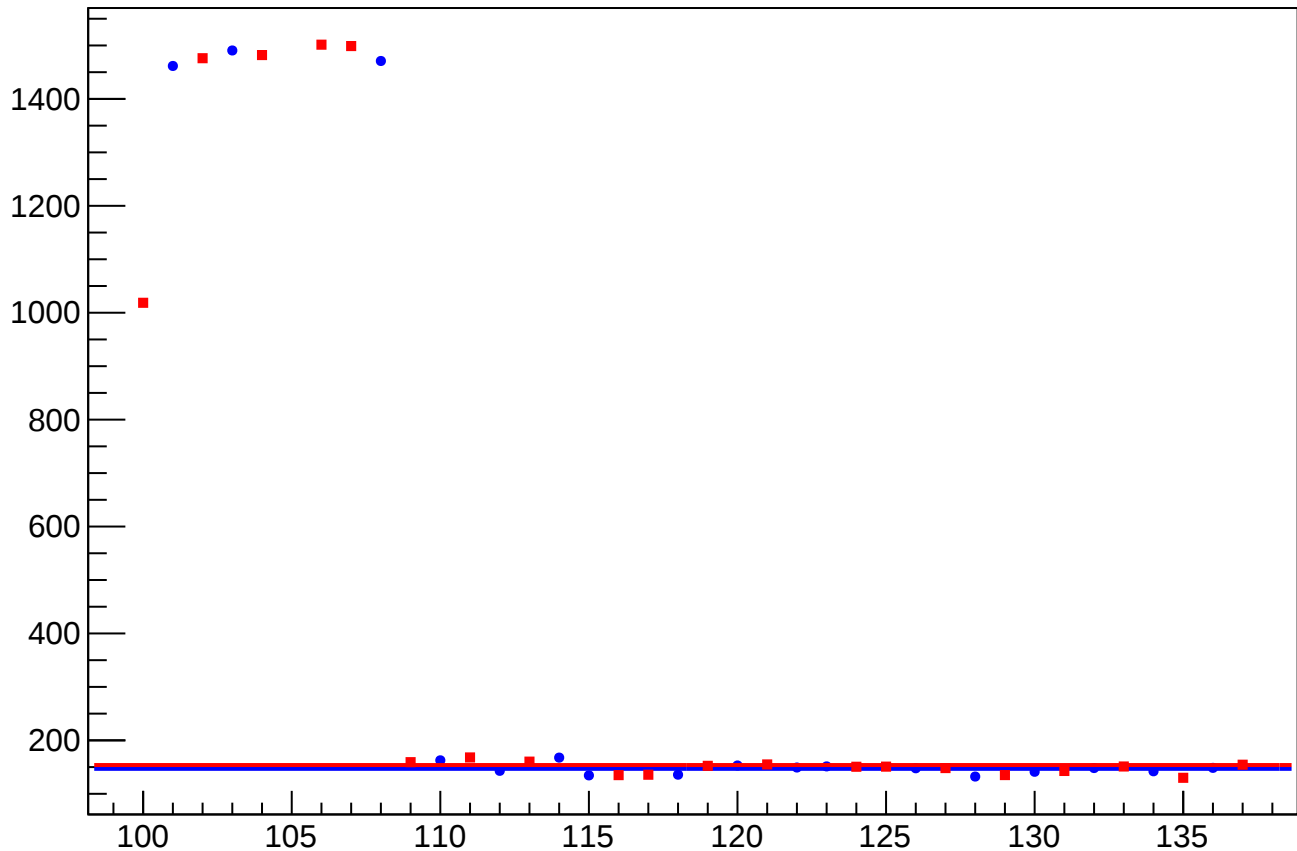
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 9885759.8/16

0.008+/-0.000 χ^2/NDF : 19487729.8/36

0.008+/-0.000 χ^2/NDF : 9601959.4/19

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: 153.818+/-0.000 χ^2/NDF : 33744777744.4/19

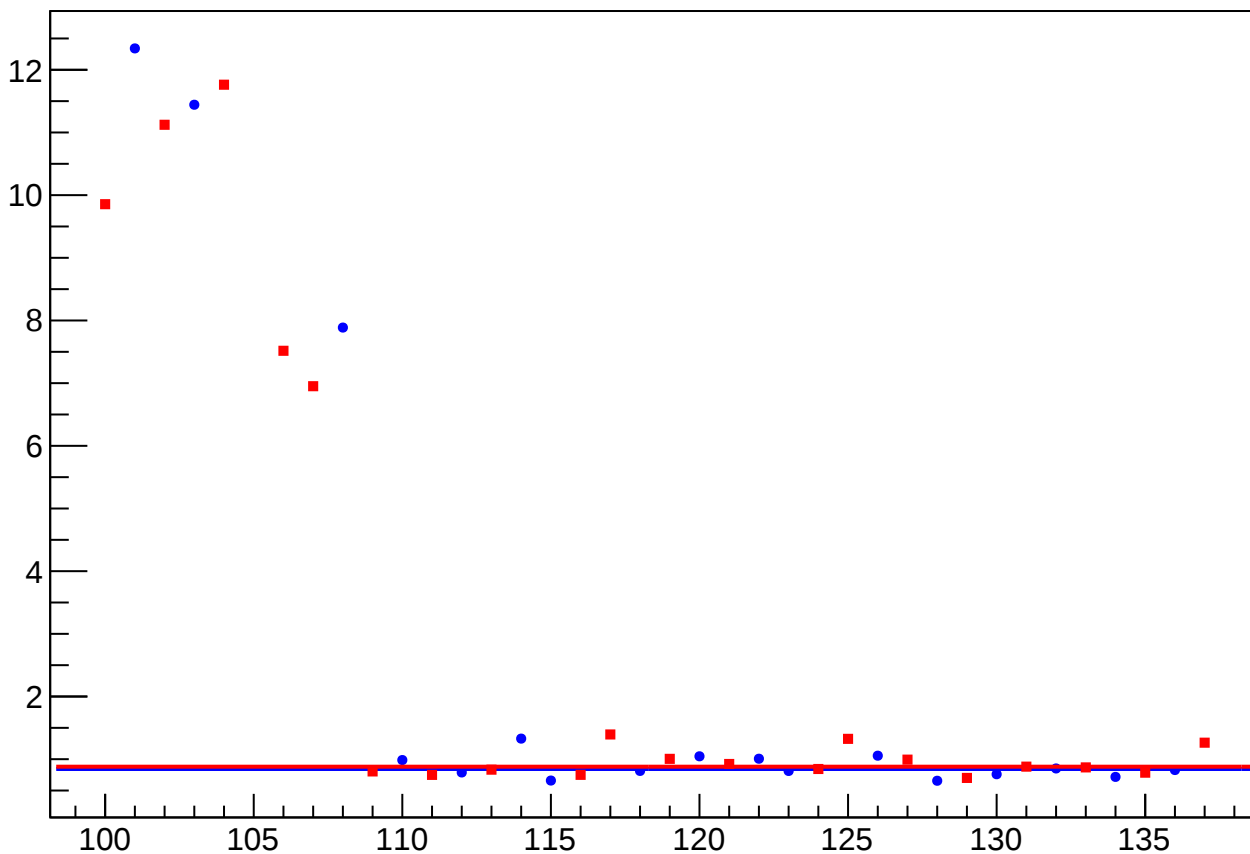
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146.723+/-0.000 χ^2/NDF : 24350870553.3/16

150.256+/-0.000 χ^2/NDF : 58229881822.2

153.818+/-0.000 χ^2/NDF : 33744777744.4/19

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: 0.880+/-0.000 χ^2/NDF : 2823230.1/19

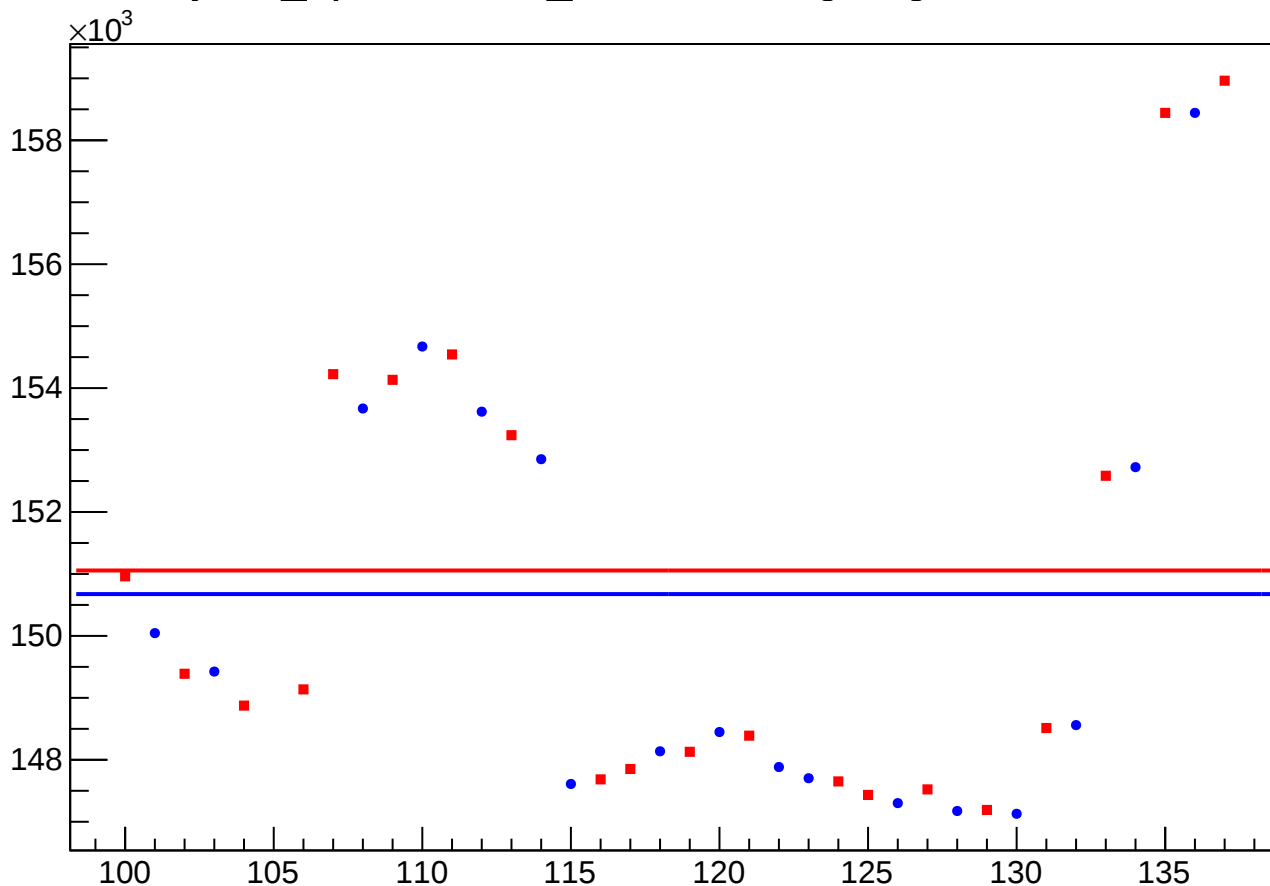
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.844+/-0.000 χ^2/NDF : 2670470.7/16

0.862+/-0.000 χ^2/NDF : 5500865.4/36

0.880+/-0.000 χ^2/NDF : 2823230.1/19

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

150675.025 $\pm$ 0.063 χ^2 /NDF: 3309974859.4/16

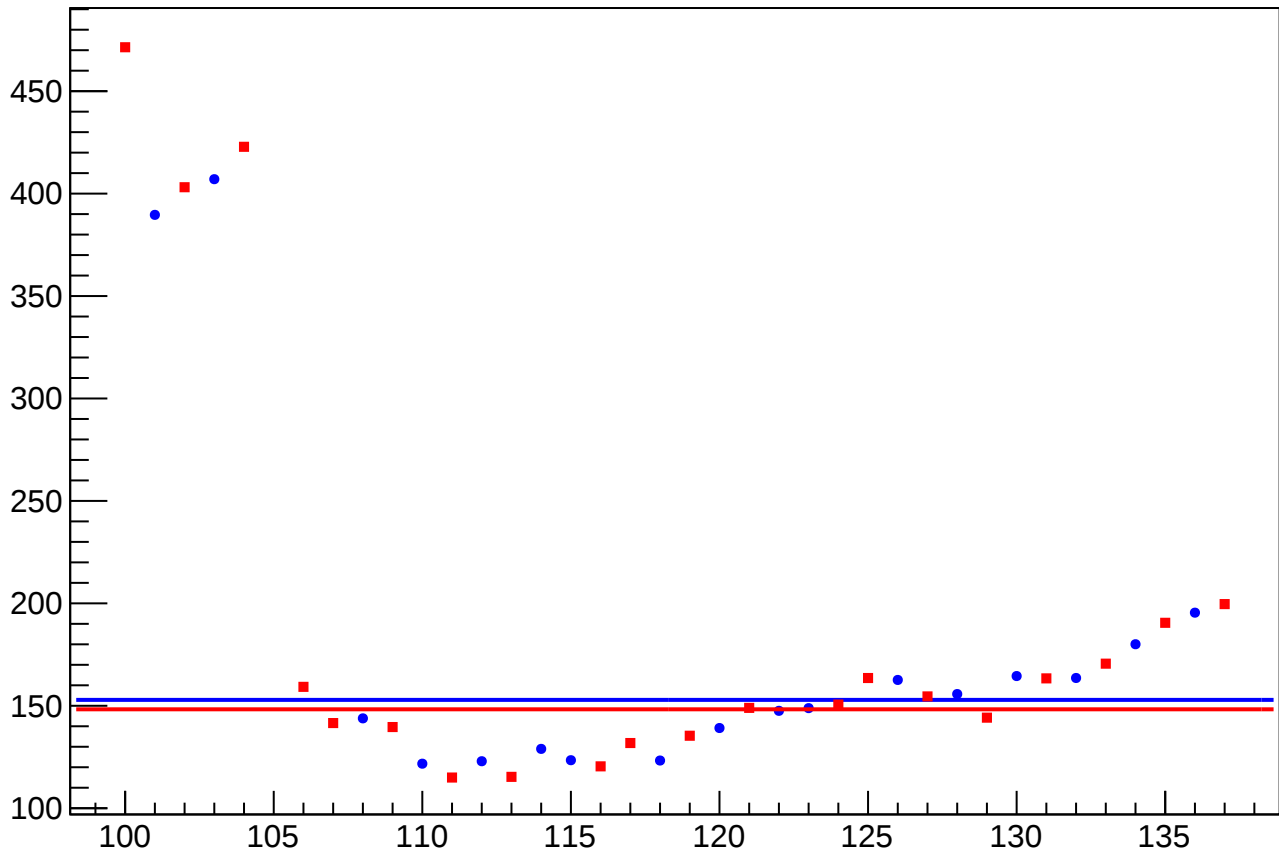
150876.488 $\pm$ 0.043 χ^2 /NDF: 665485774

Right Out: 151056.044 $\pm$ 0.059 χ^2 /NDF: 3325519080.9/19

151056.044 $\pm$ 0.059 χ^2 /NDF: 3325519080.9/19

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

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: 148.278+/-0.042 χ^2/NDF : 1192879.8/19

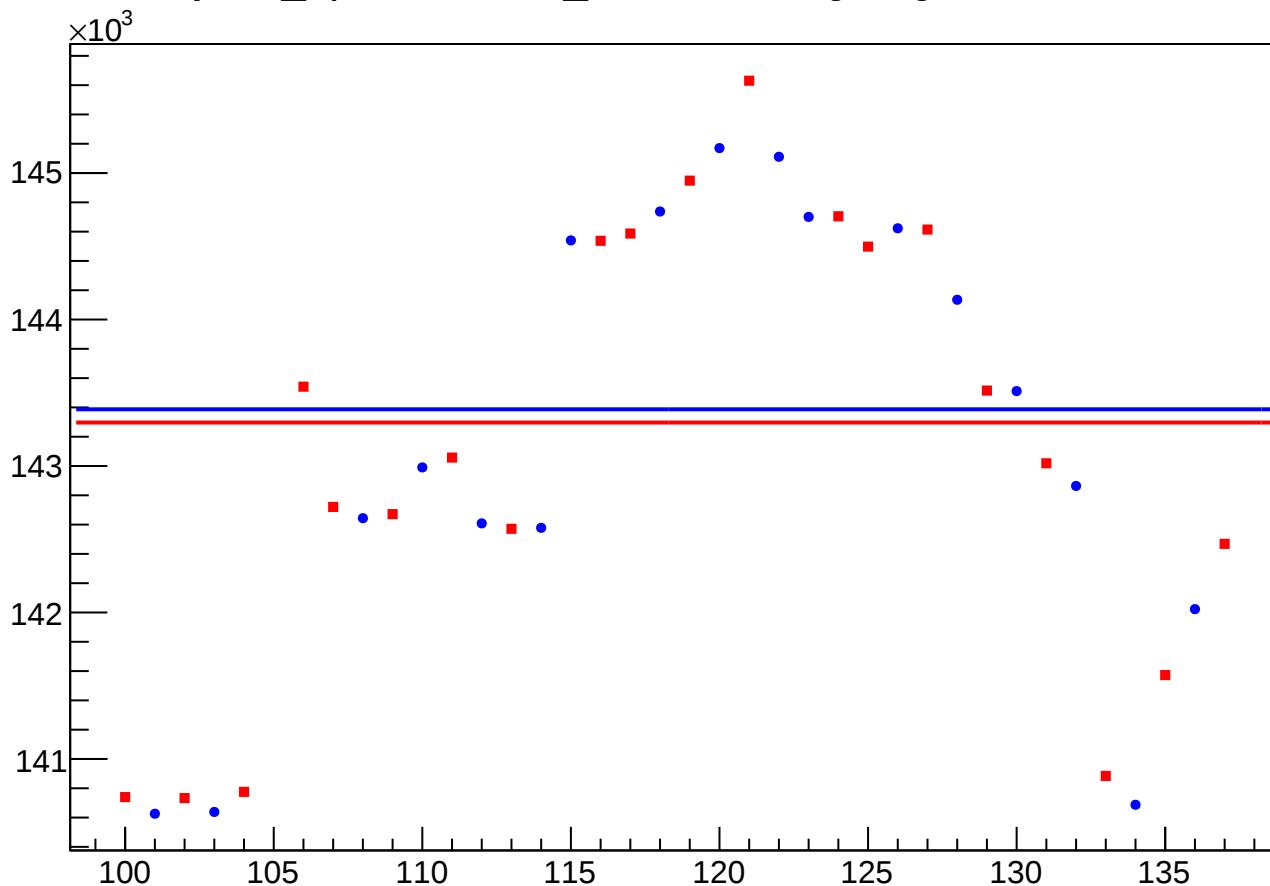
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.883+/-0.045 χ^2/NDF : 1154088.7/16

150.448+/-0.031 χ^2/NDF : 2352625.2/36

148.278+/-0.042 χ^2/NDF : 1192879.8/19

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143387.099+/-0.053 χ^2/NDF : 521299875.7/16

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

Right Out: 143296.790+/-0.049 χ^2/NDF : 615134284.0/19

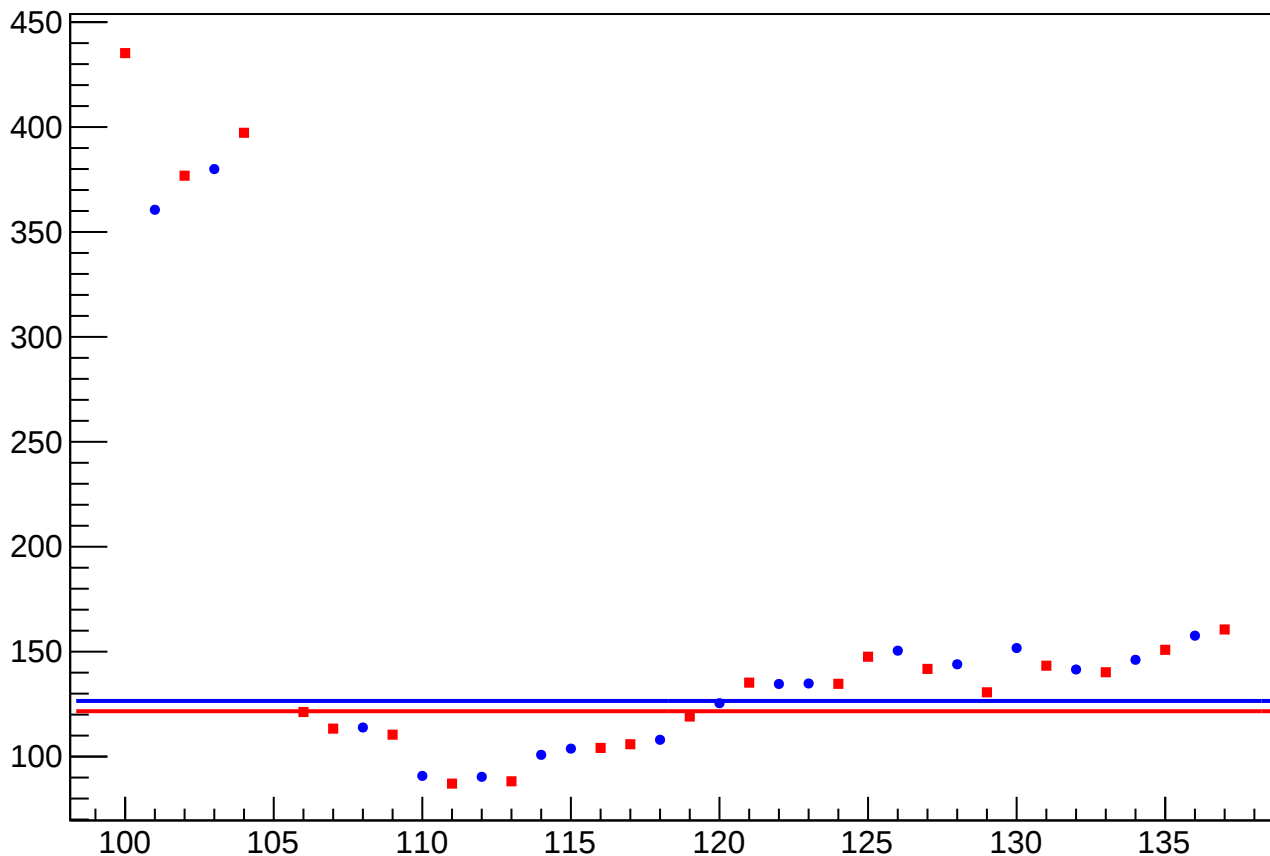
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

143387.099+/-0.053 χ^2/NDF : 521299875.7/16

143338.527+/-0.036 χ^2/NDF : 113801217

143296.790+/-0.049 χ^2/NDF : 615134284.0/19

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: 121.625 $\pm$ 0.035 χ^2 /NDF: 1465763.8/19

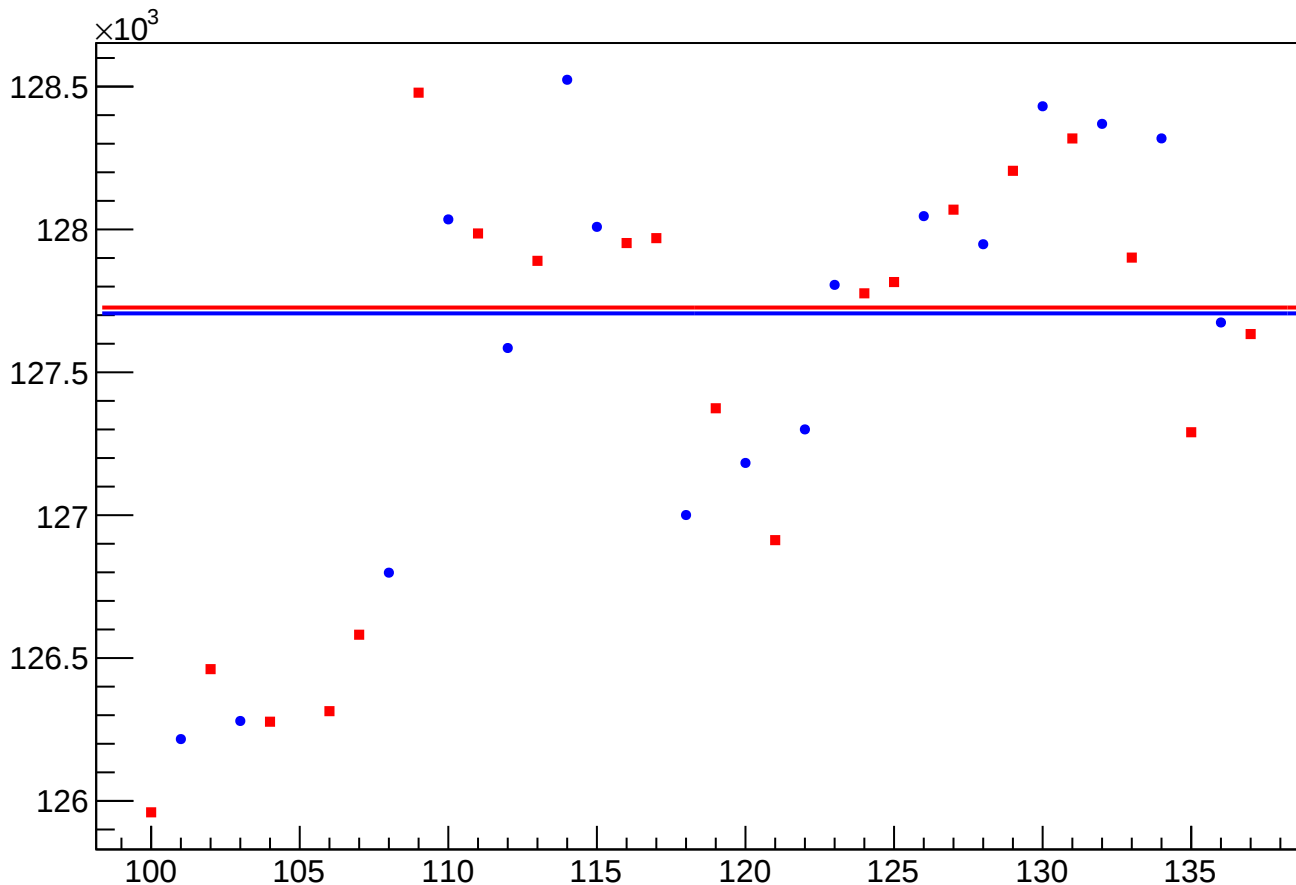
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

126.514 $\pm$ 0.037 χ^2 /NDF: 1441685.0/16

123.885 $\pm$ 0.025 χ^2 /NDF: 2916696.8/36

121.625 $\pm$ 0.035 χ^2 /NDF: 1465763.8/19

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

Right Out: 127726.708 $\pm$ 0.054 χ^2 /NDF: 112816704.3/19

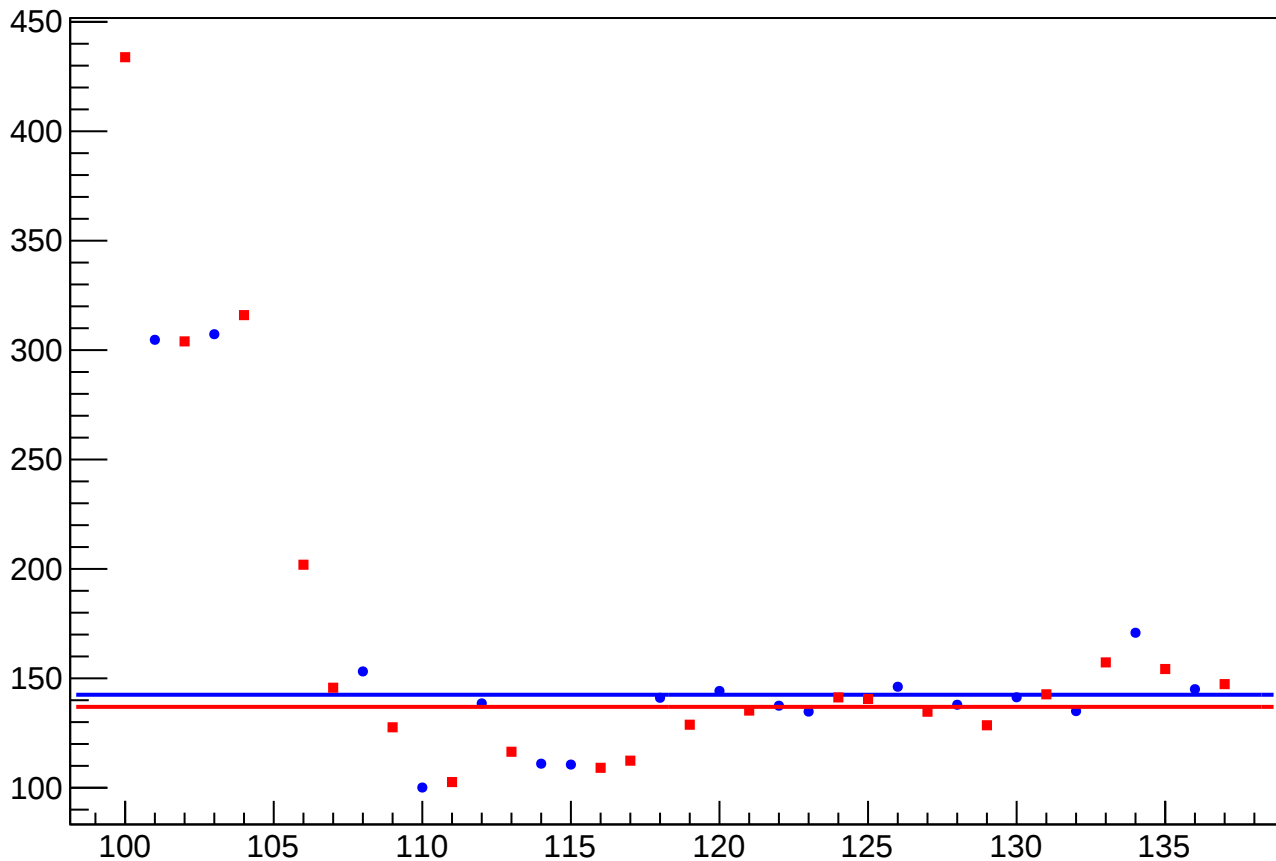
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127706.194 $\pm$ 0.058 χ^2 /NDF: 97860521.1/16

127717.145 $\pm$ 0.040 χ^2 /NDF: 210743874

127726.708 $\pm$ 0.054 χ^2 /NDF: 112816704.3/19

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: 136.963 $\pm$ 0.038 χ^2 /NDF: 961465.0/19

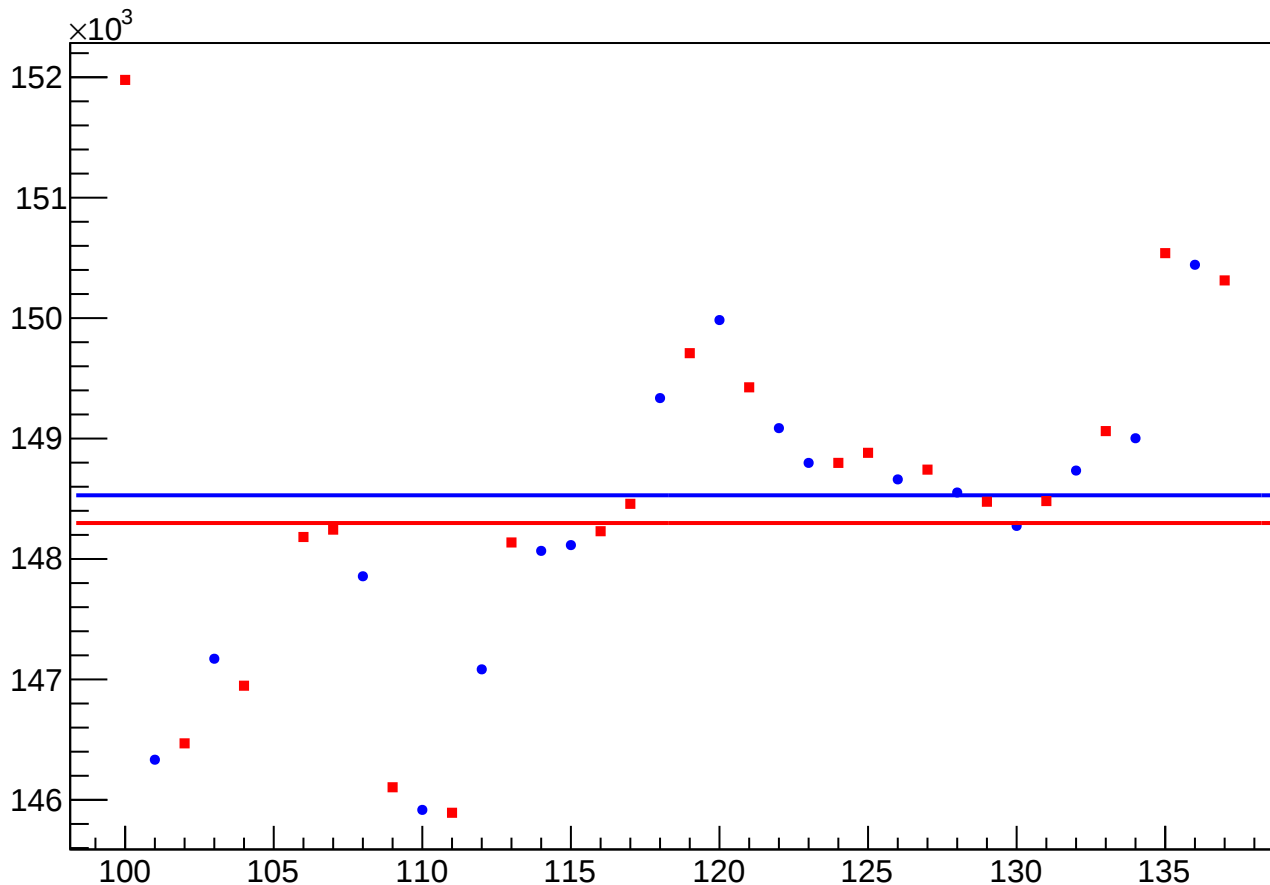
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.502 $\pm$ 0.041 χ^2 /NDF: 836263.7/16

139.545 $\pm$ 0.028 χ^2 /NDF: 1807444.1/36

136.963 $\pm$ 0.038 χ^2 /NDF: 961465.0/19

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148528.851 $\pm$ 0.082 χ^2 /NDF: 209986594.2/16

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

Right Out: 148298.586 $\pm$ 0.076 χ^2 /NDF: 293284830.9/19

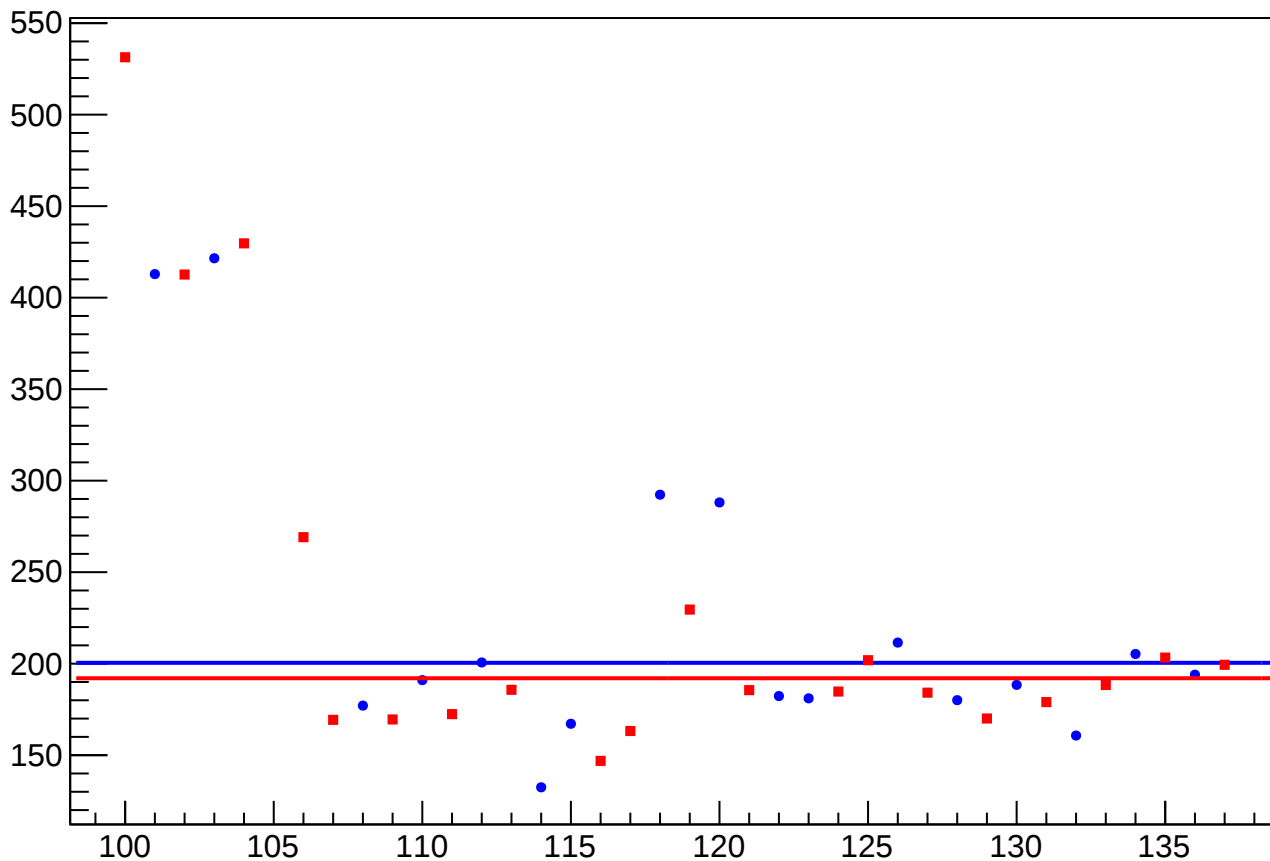
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148528.851 $\pm$ 0.082 χ^2 /NDF: 209986594.2/16

148404.984 $\pm$ 0.056 χ^2 /NDF: 507505967

148298.586 $\pm$ 0.076 χ^2 /NDF: 293284830.9/19

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: 192.040+/-0.054 χ^2/NDF : 847133.0/19

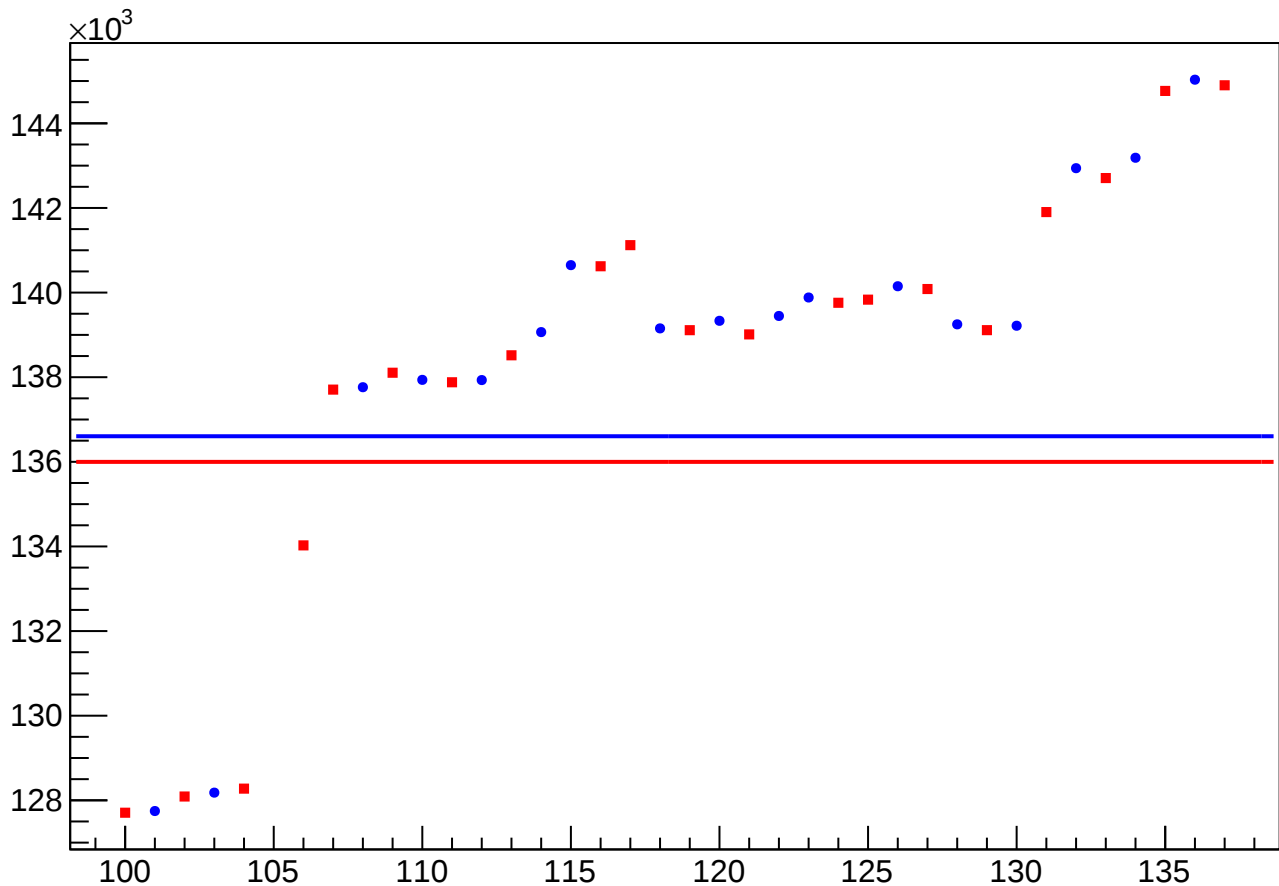
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.472+/-0.058 χ^2/NDF : 936547.2/16

195.936+/-0.039 χ^2/NDF : 1795036.3/36

192.040+/-0.054 χ^2/NDF : 847133.0/19

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

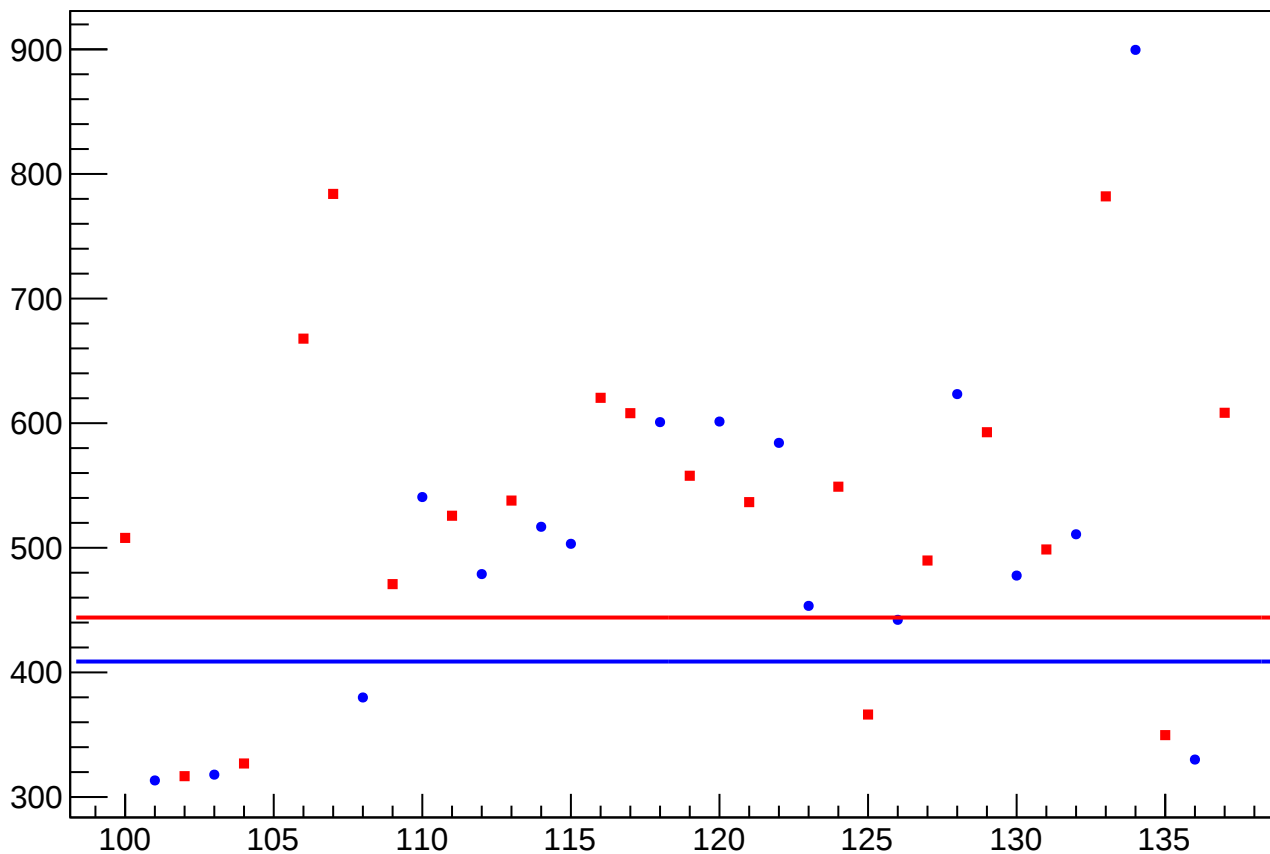
136320.488 $\pm$ 0.125 χ^2 /NDF: 258510691

Right Out: 135998.851 $\pm$ 0.182 χ^2 /NDF: 1084895879.4/19

135998.851 $\pm$ 0.182 χ^2 /NDF: 1084895879.4/19

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: 444.034+/-0.129 χ^2/NDF : 922545.8/19

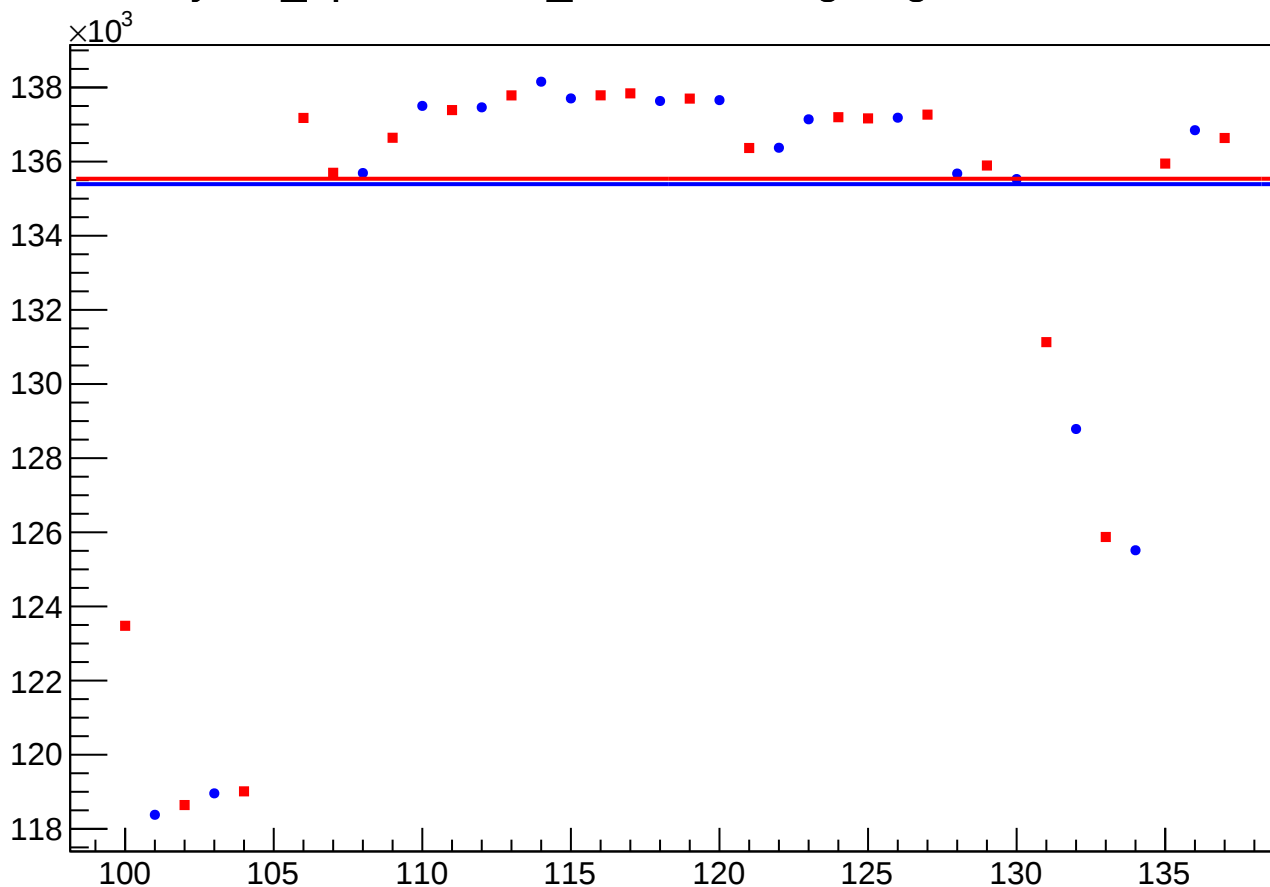
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

408.729+/-0.121 χ^2/NDF : 823262.8/16

425.289+/-0.088 χ^2/NDF : 1785591.1/36

444.034+/-0.129 χ^2/NDF : 922545.8/19

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: 135537.290 $\pm$ 0.064 χ^2 /NDF: 4748951957.4/19

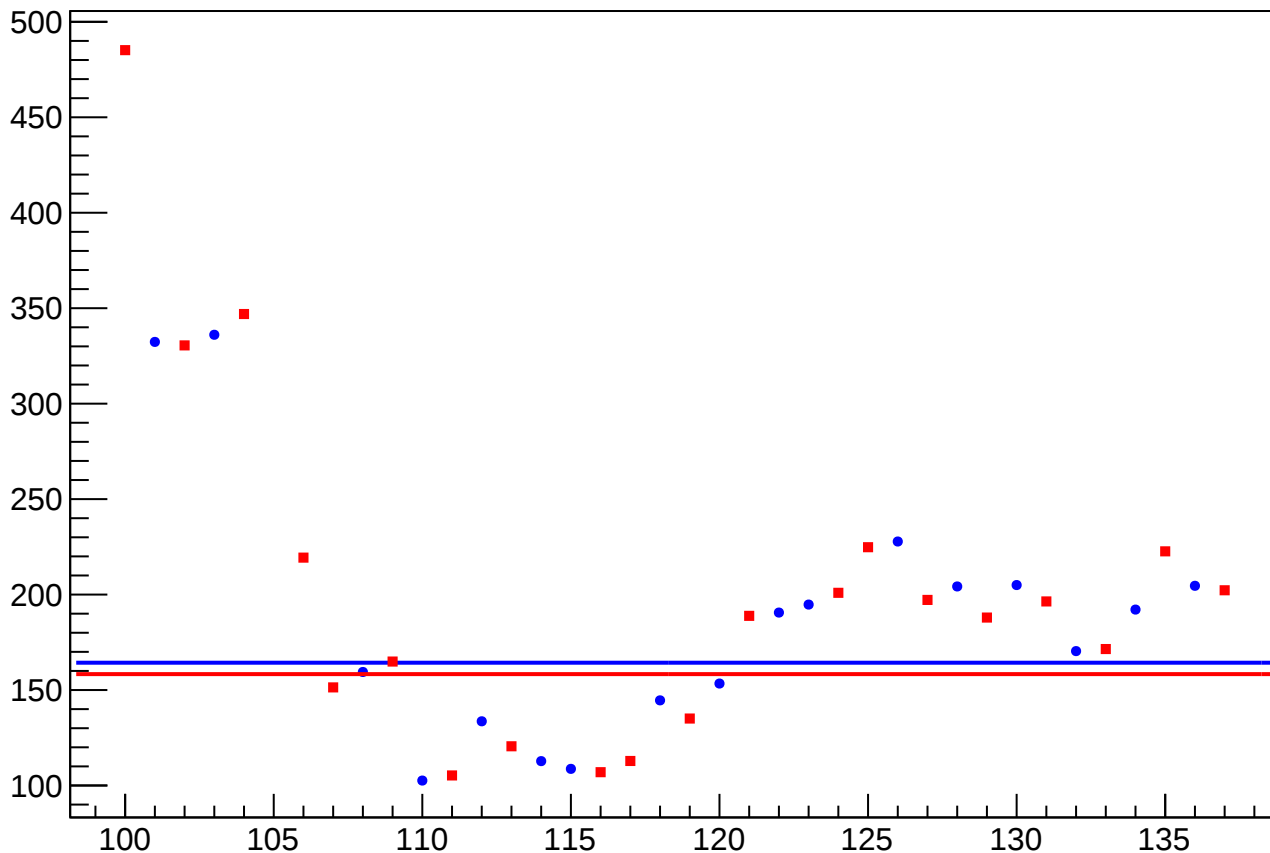
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135391.458 $\pm$ 0.068 χ^2 /NDF: 4580024611.0/16

135469.136 $\pm$ 0.047 χ^2 /NDF: 933140750

135537.290 $\pm$ 0.064 χ^2 /NDF: 4748951957.4/19

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: 158.336+/-0.045 χ^2/NDF : 1398323.7/19

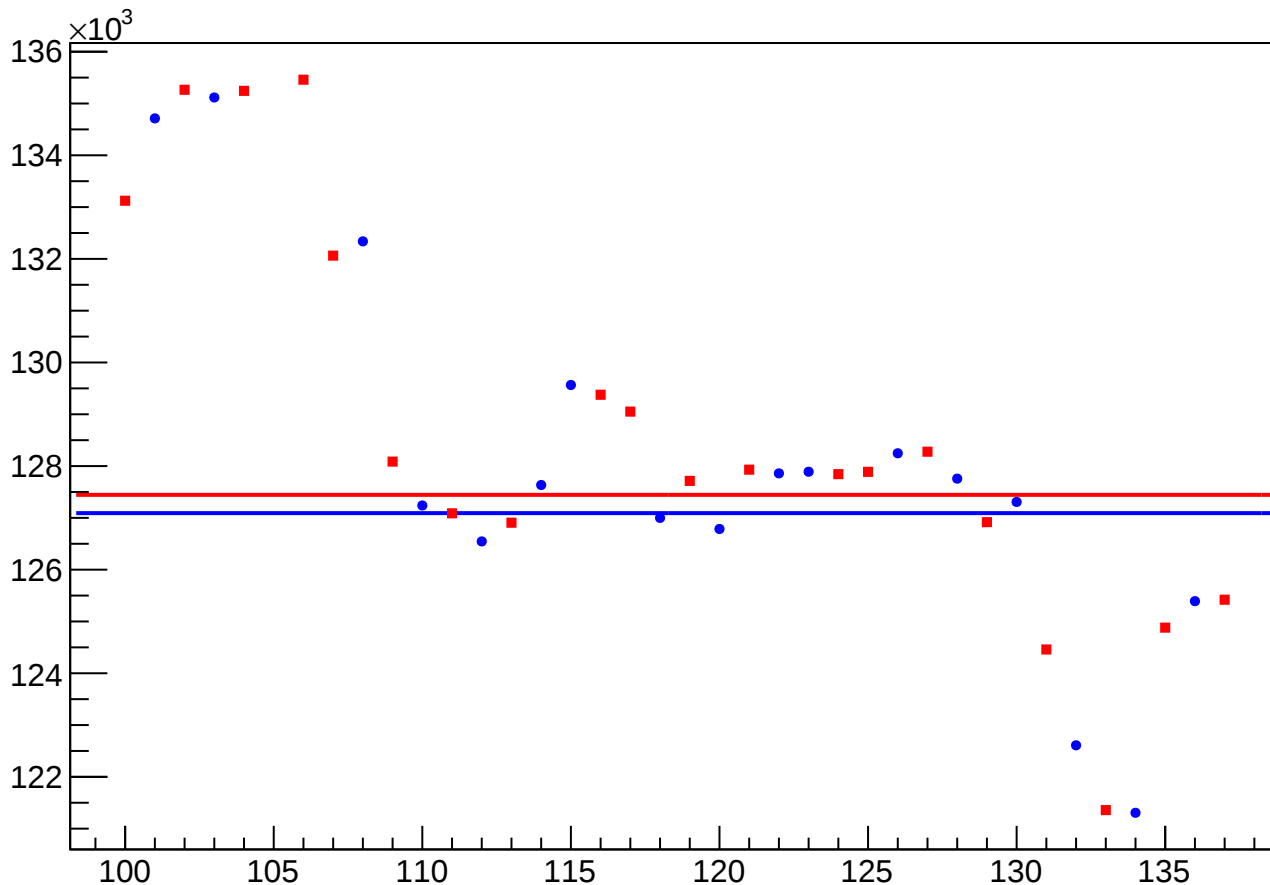
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.311+/-0.048 χ^2/NDF : 1230487.8/16

161.129+/-0.033 χ^2/NDF : 2636972.3/36

158.336+/-0.045 χ^2/NDF : 1398323.7/19

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

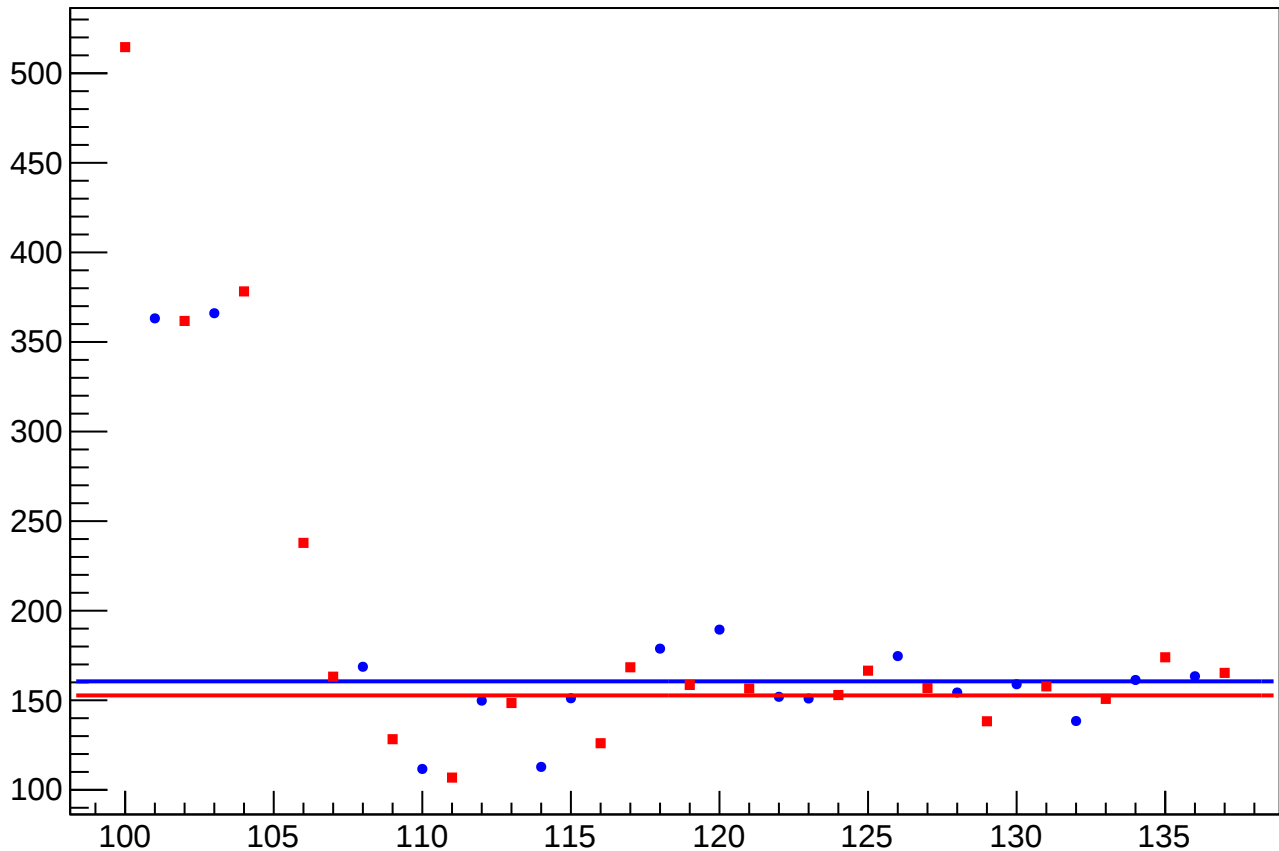
127281.562 $\pm$ 0.045 χ^2 /NDF: 381511580

Right Out: 127444.472 $\pm$ 0.061 χ^2 /NDF: 2082646787.7/19

127444.472 $\pm$ 0.061 χ^2 /NDF: 2082646787.7/19

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: 152.711+/-0.043 χ^2/NDF : 1087186.3/19

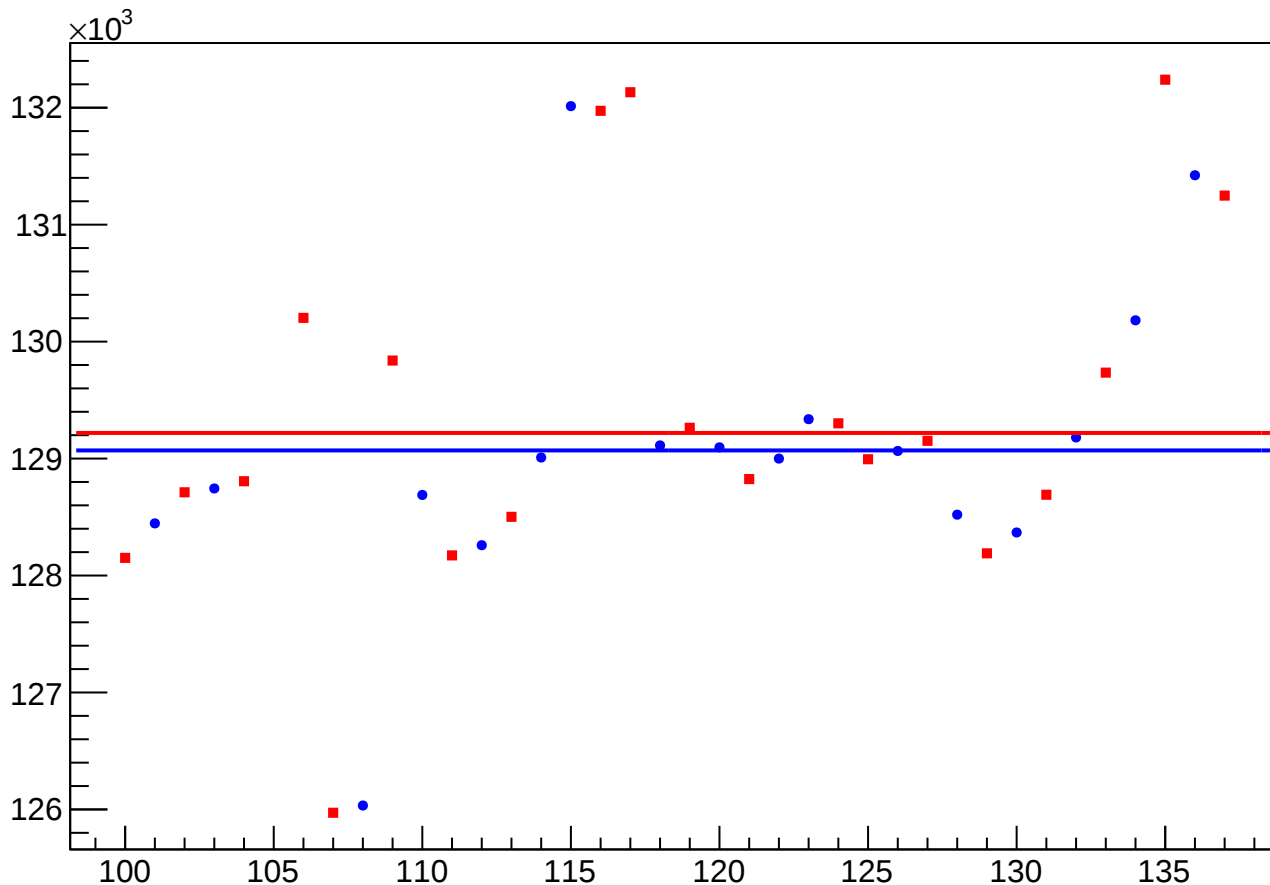
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.564+/-0.047 χ^2/NDF : 942747.0/16

156.335+/-0.032 χ^2/NDF : 2045042.6/36

152.711+/-0.043 χ^2/NDF : 1087186.3/19

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: 129219.072 $\pm$ 0.056 χ^2 /NDF: 660468184.1/19

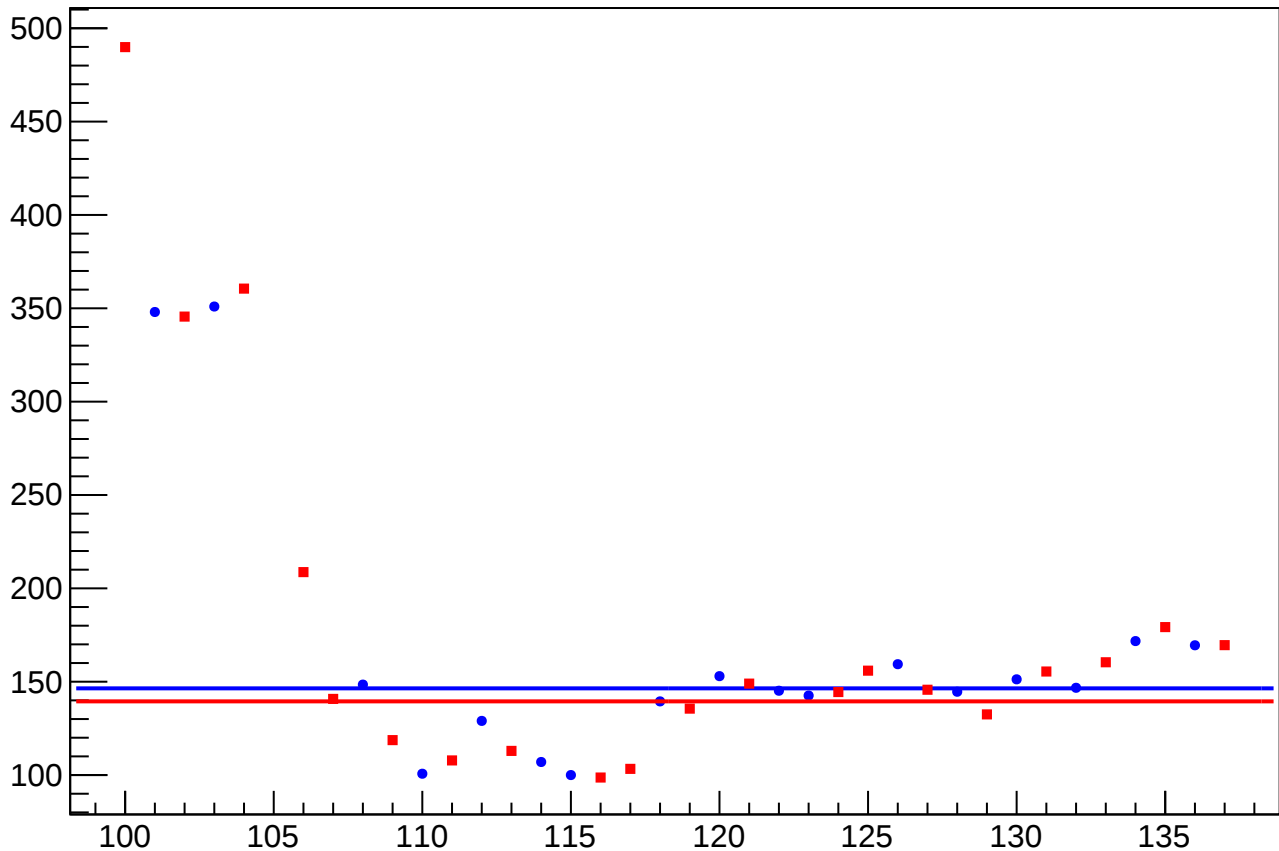
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

129069.668 $\pm$ 0.060 χ^2 /NDF: 476692316.5/16

129150.076 $\pm$ 0.041 χ^2 /NDF: 114047866

129219.072 $\pm$ 0.056 χ^2 /NDF: 660468184.1/19

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 146.437 $\pm$ 0.043 χ^2 /NDF: 1064791.0/16

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

Right Out: 139.468 $\pm$ 0.039 χ^2 /NDF: 1214310.8/19

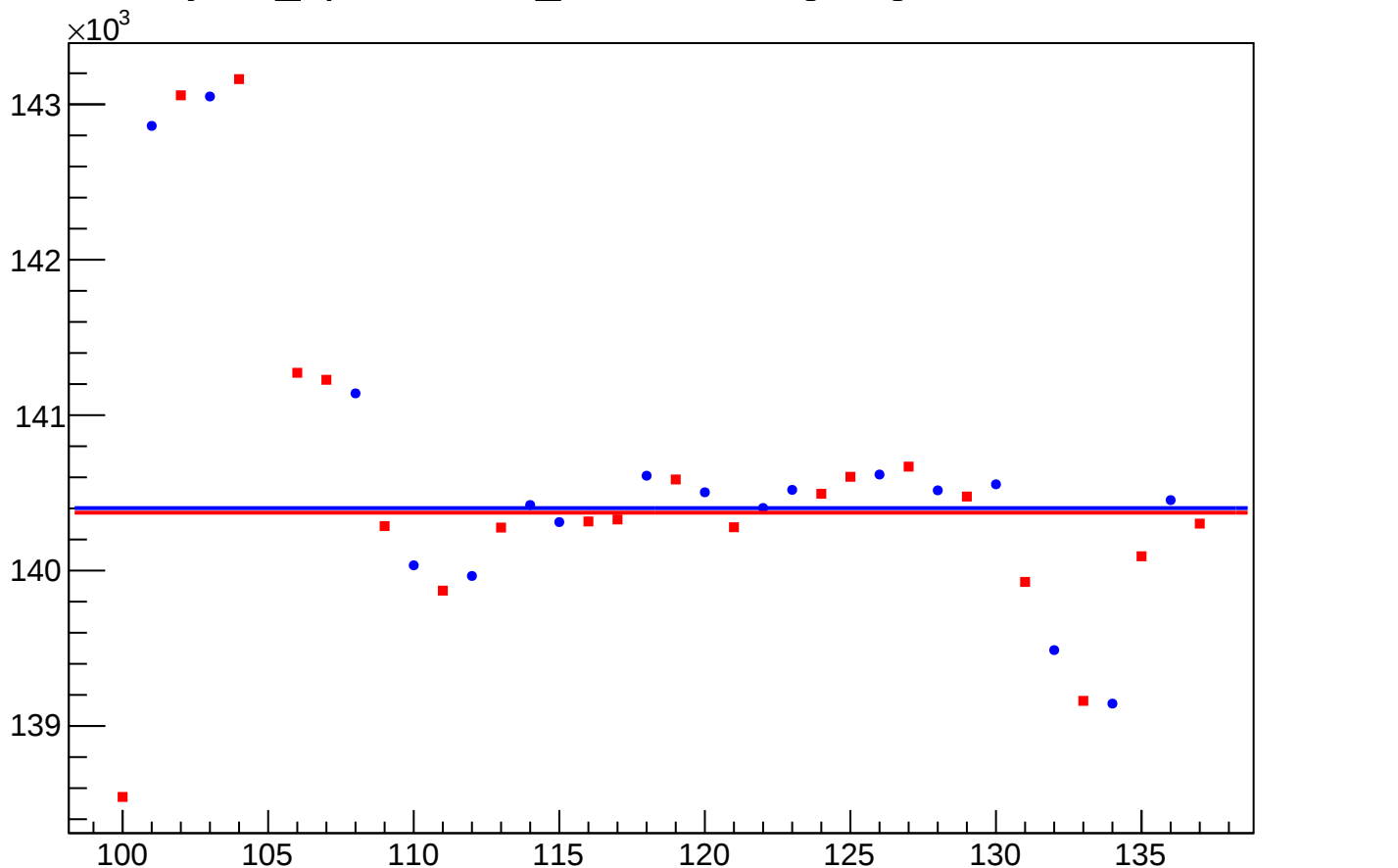
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.437 $\pm$ 0.043 χ^2 /NDF: 1064791.0/16

142.686 $\pm$ 0.029 χ^2 /NDF: 2293544.4/36

139.468 $\pm$ 0.039 χ^2 /NDF: 1214310.8/19

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

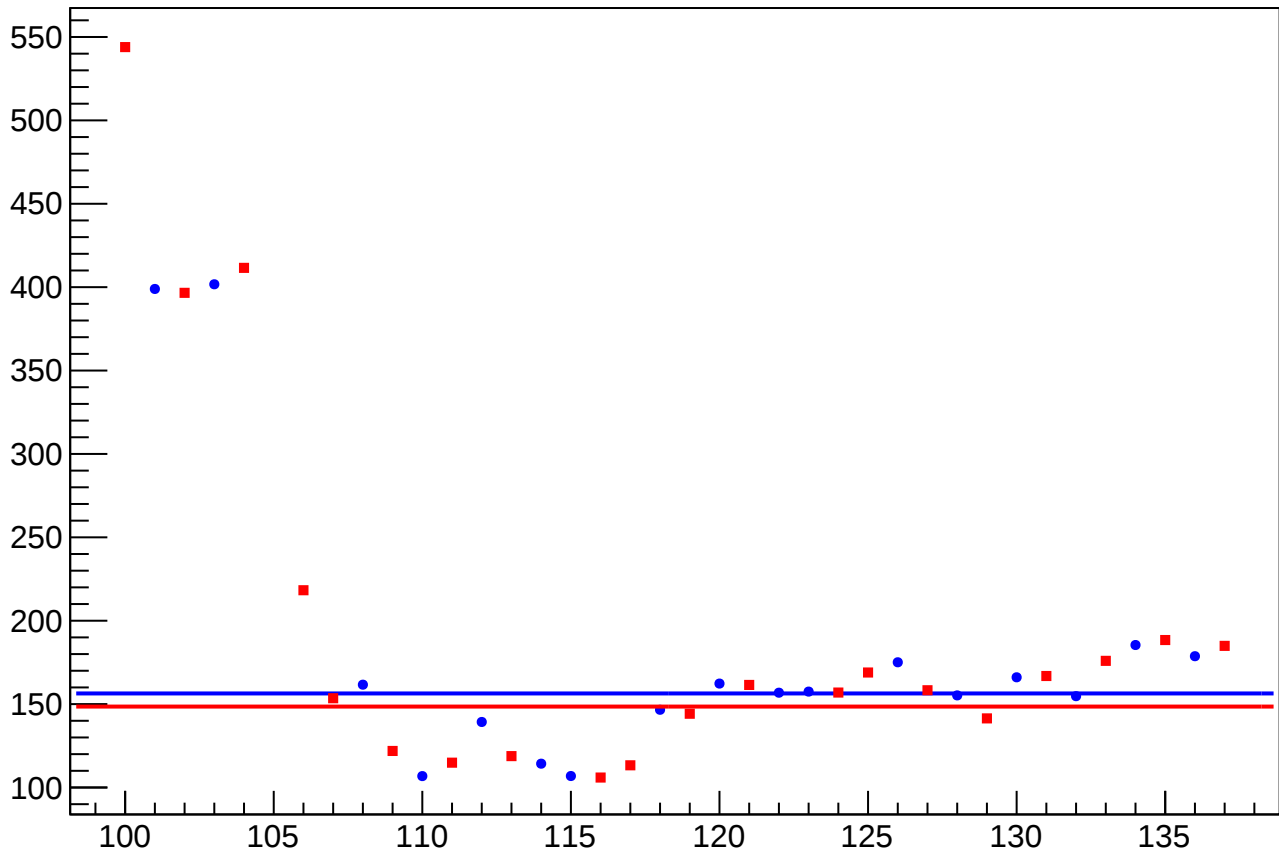
Right Out: 140372.636 $\pm$ 0.059 χ^2 /NDF: 99861038.9/19

140386.173 $\pm$ 0.044 χ^2 /NDF: 188045159

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

140372.636 $\pm$ 0.059 χ^2 /NDF: 99861038.9/19

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 156.394 $\pm$ 0.046 χ^2 /NDF: 1154804.2/16

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

Right Out: 148.524 $\pm$ 0.042 χ^2 /NDF: 1316113.9/19

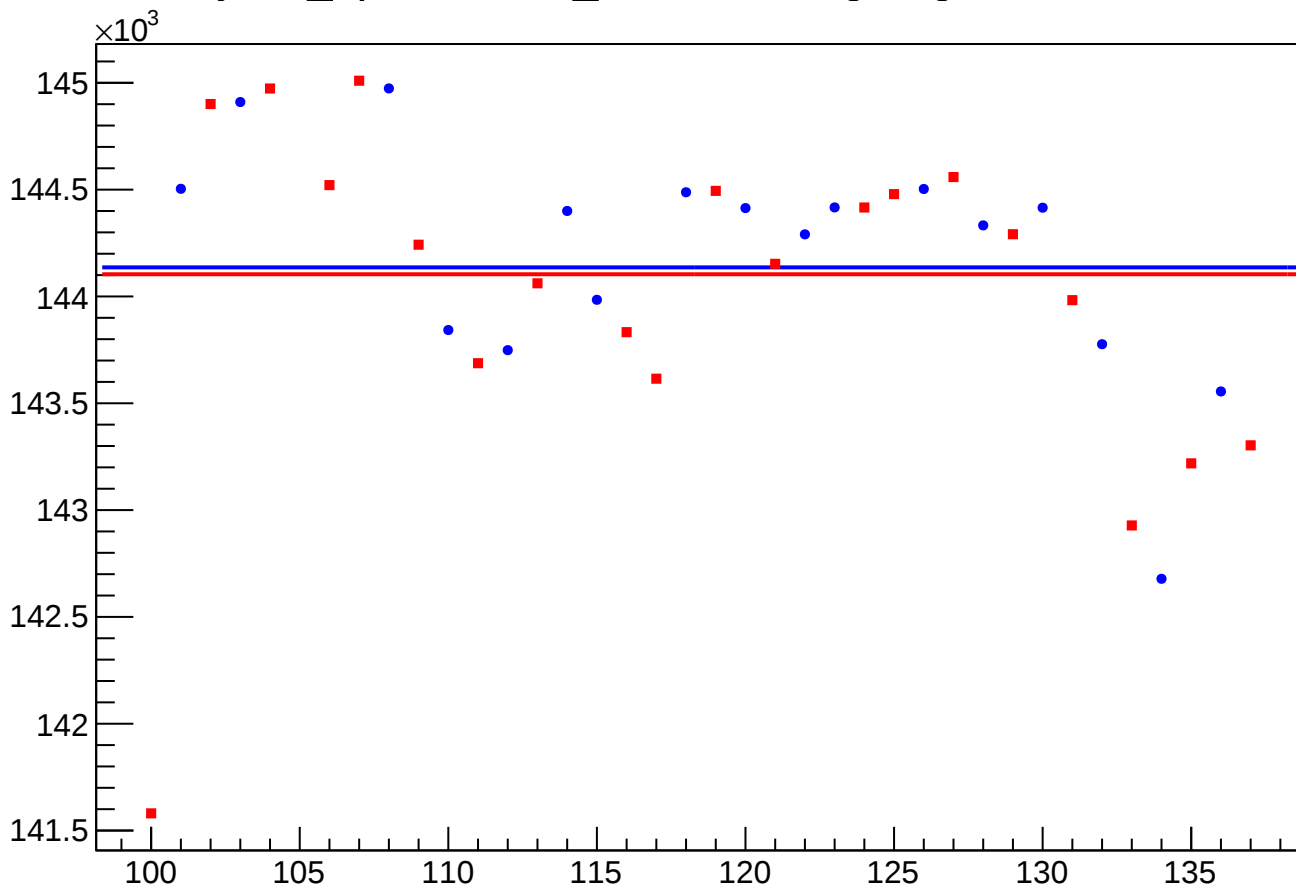
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

156.394 $\pm$ 0.046 χ^2 /NDF: 1154804.2/16

152.151 $\pm$ 0.031 χ^2 /NDF: 2487045.6/36

148.524 $\pm$ 0.042 χ^2 /NDF: 1316113.9/19

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

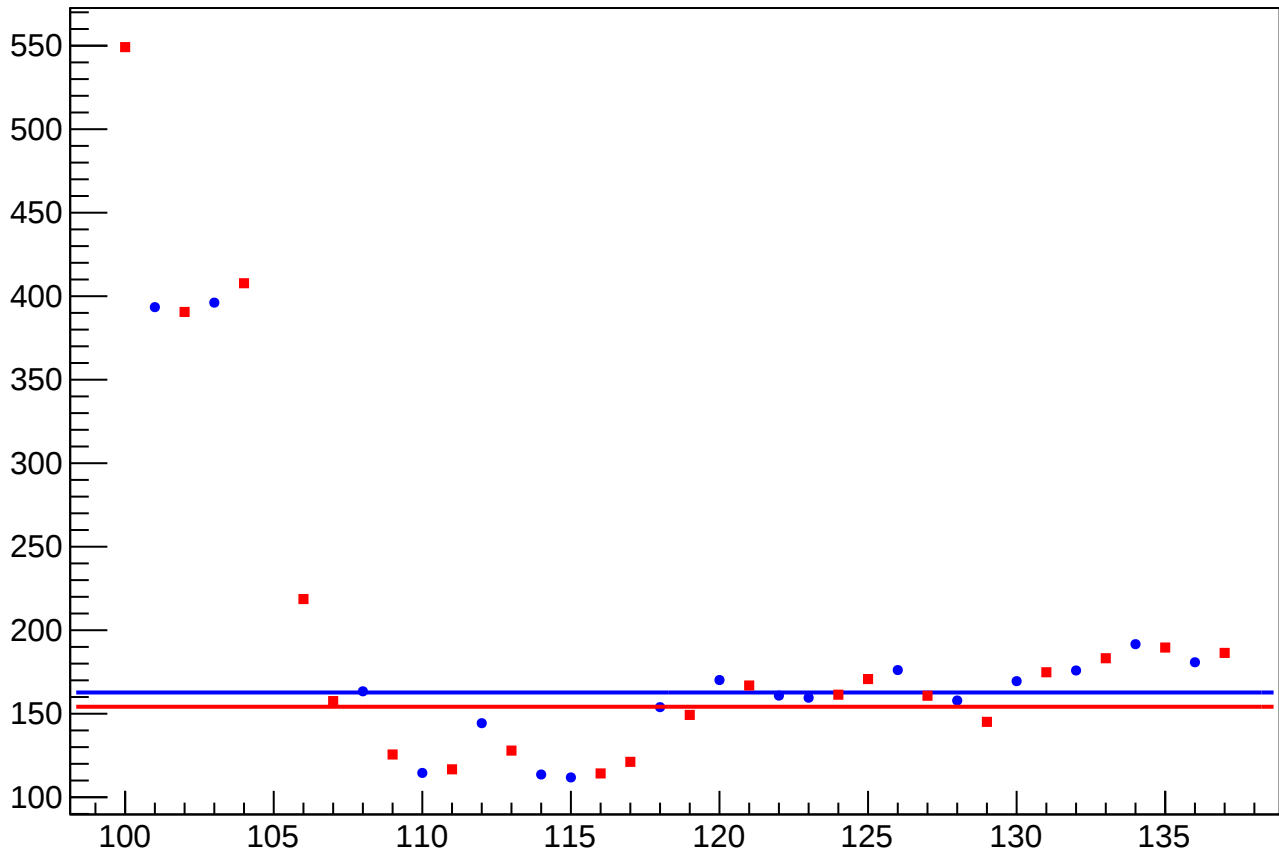
Right Out: 144103.887 $\pm$ 0.062 χ^2 /NDF: 65973087.5/19

144118.686 $\pm$ 0.045 χ^2 /NDF: 113168592

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

144103.887 $\pm$ 0.062 χ^2 /NDF: 65973087.5/19

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: 154.174 $\pm$ 0.044 χ^2 /NDF: 1224004.2/19

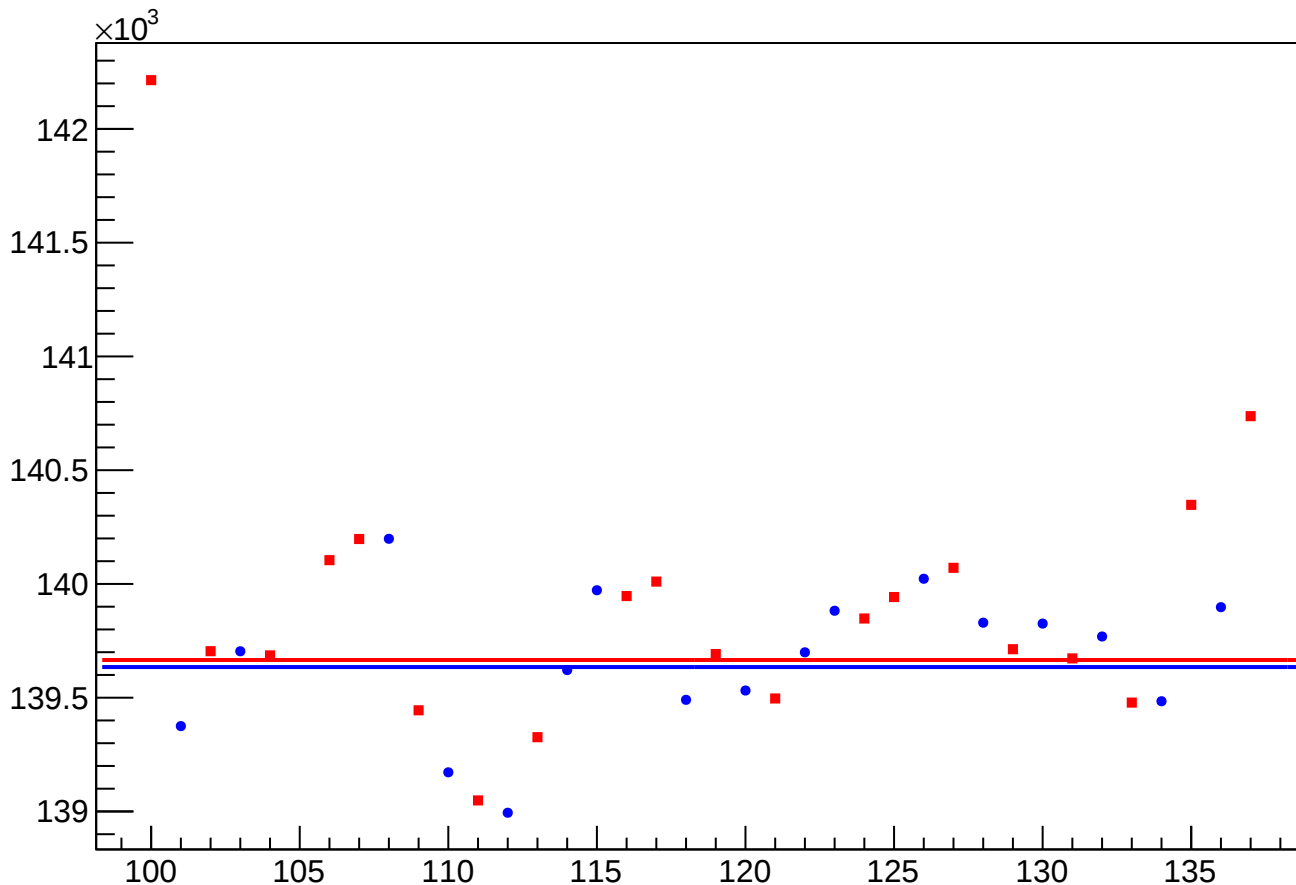
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

162.714 $\pm$ 0.047 χ^2 /NDF: 1066482.0/16

158.095 $\pm$ 0.032 χ^2 /NDF: 2308183.7/36

154.174 $\pm$ 0.044 χ^2 /NDF: 1224004.2/19

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

139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

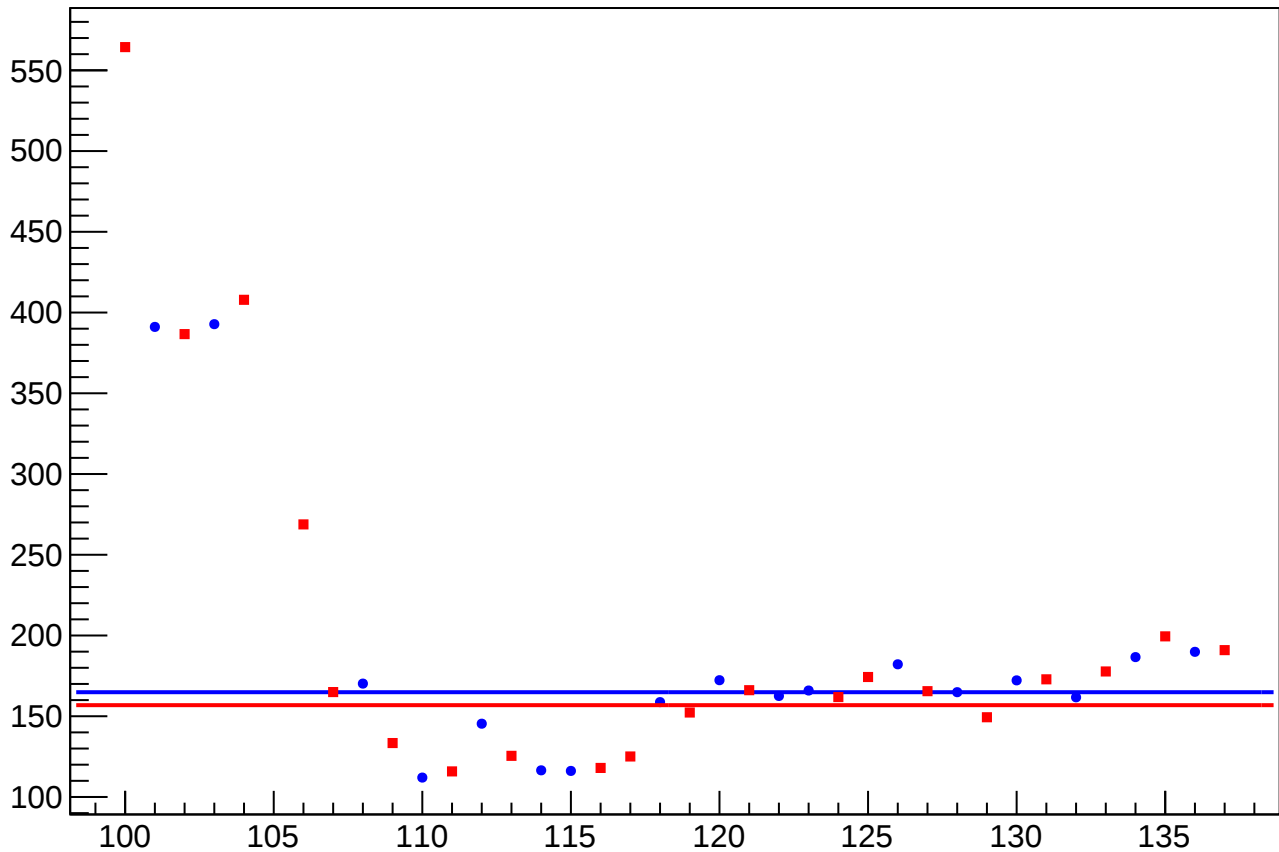
139651.429 $\pm$ 0.046 χ^2 /NDF: 63661687.3

Right Out: 139665.743 $\pm$ 0.063 χ^2 /NDF: 38703726.2/19

139665.743 $\pm$ 0.063 χ^2 /NDF: 38703726.2/19

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

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.884+/-0.048 χ^2/NDF : 1066270.8/16

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

Right Out: 156.859+/-0.044 χ^2/NDF : 1250656.2/19

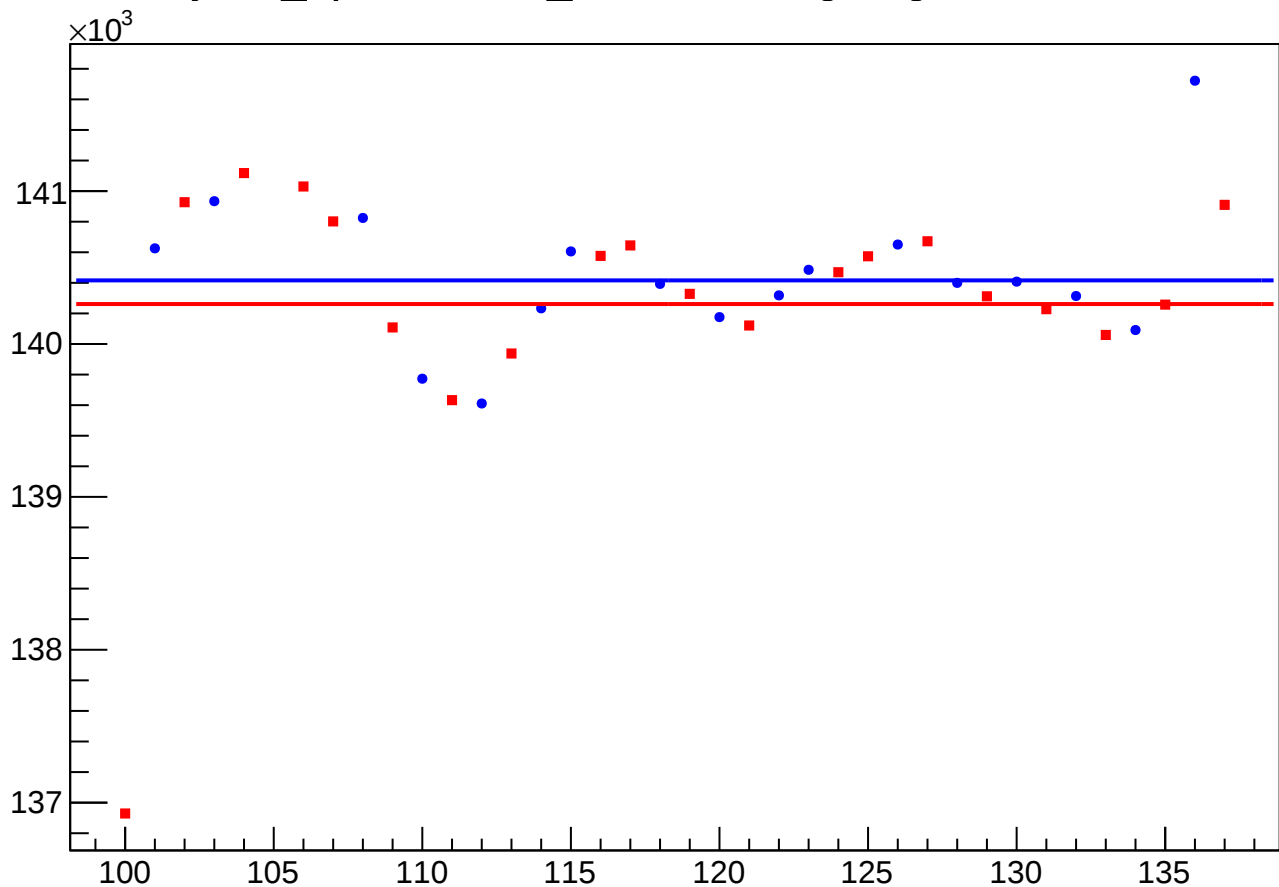
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

164.884+/-0.048 χ^2/NDF : 1066270.8/16

160.560+/-0.033 χ^2/NDF : 2332037.0/36

156.859+/-0.044 χ^2/NDF : 1250656.2/19

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

Right Out: 140261.267 $\pm$ 0.063 χ^2 /NDF: 38479140.4/19

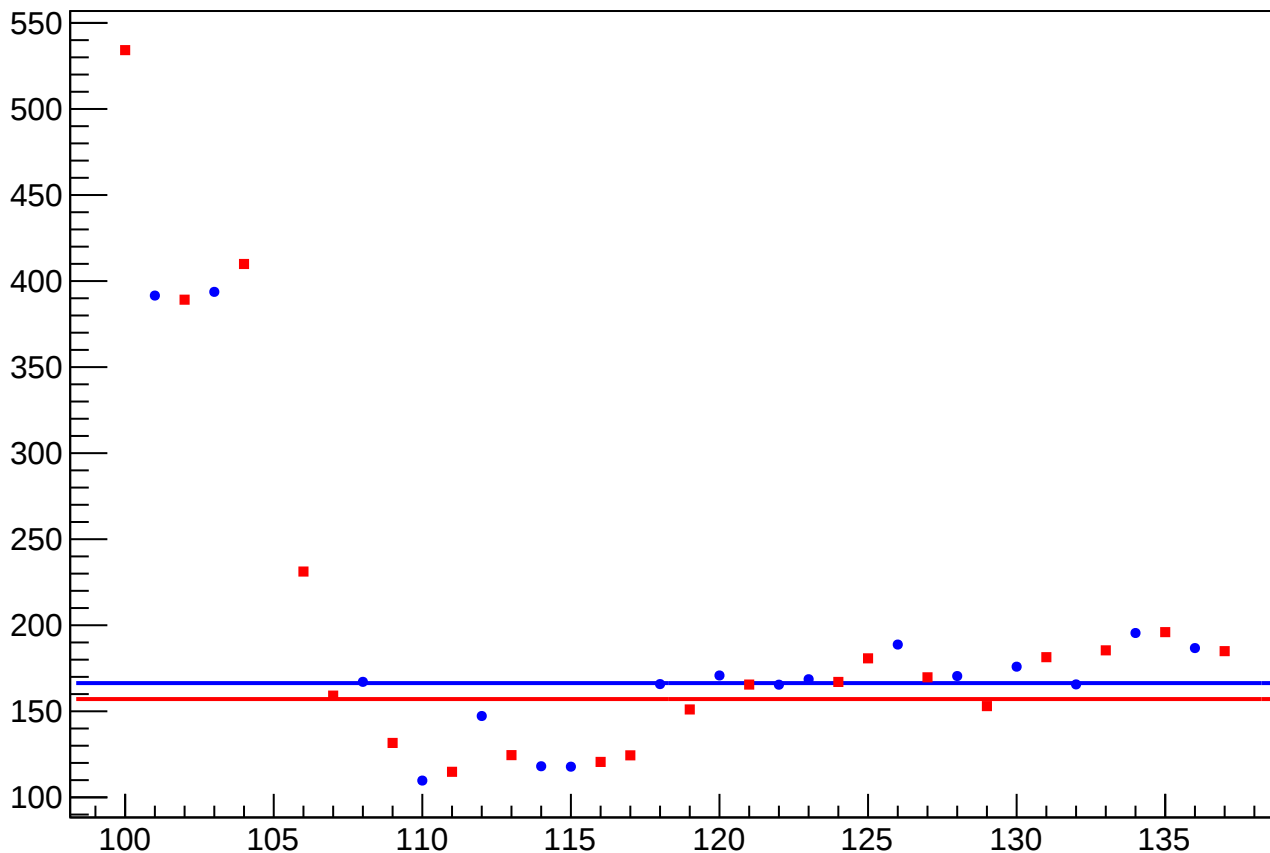
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140416.064 $\pm$ 0.068 χ^2 /NDF: 69975821.3/16

140332.070 $\pm$ 0.046 χ^2 /NDF: 111234492

140261.267 $\pm$ 0.063 χ^2 /NDF: 38479140.4/19

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388 $\pm$ 0.048 χ^2 /NDF: 1080964.8/16

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

Right Out: 157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

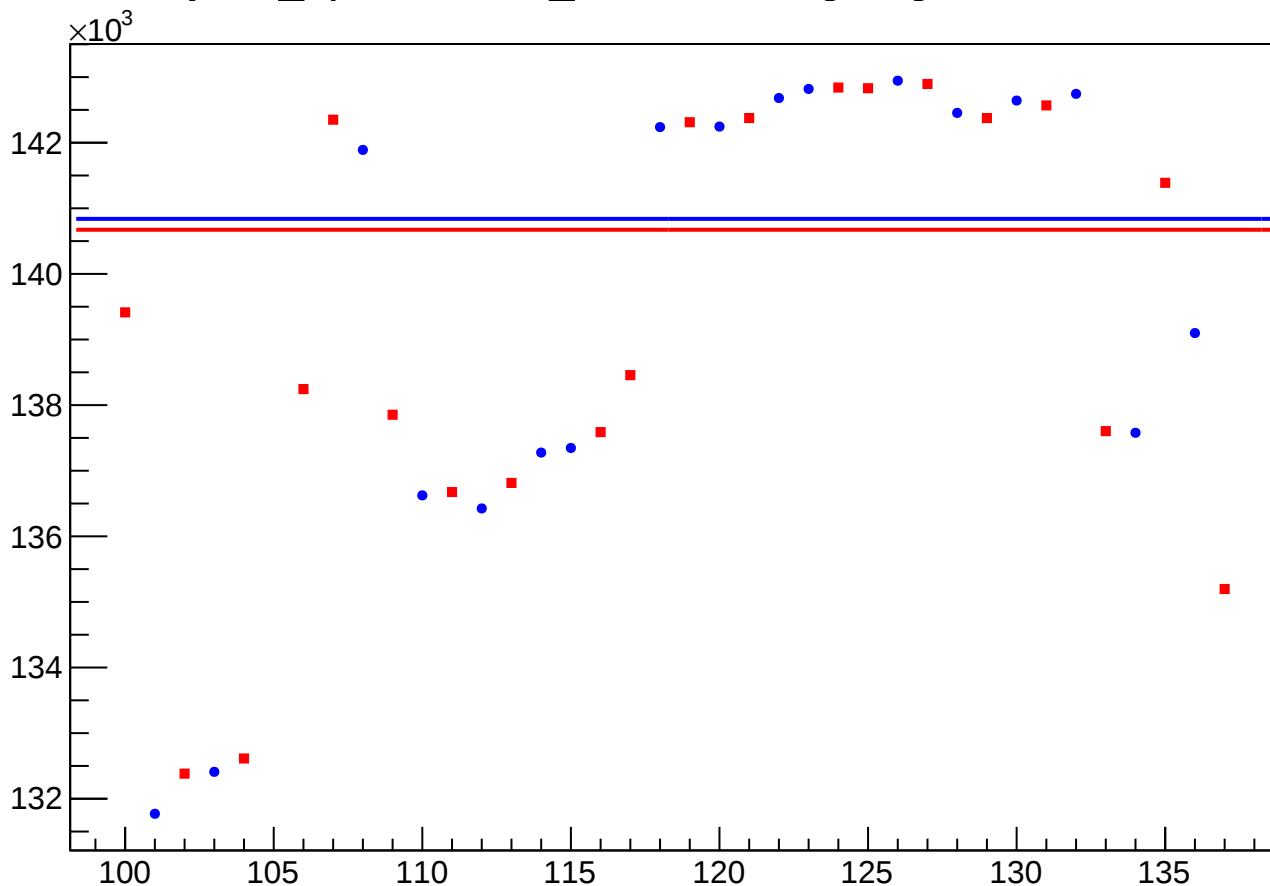
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

166.388 $\pm$ 0.048 χ^2 /NDF: 1080964.8/16

161.354 $\pm$ 0.033 χ^2 /NDF: 2336866.5/36

157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

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: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

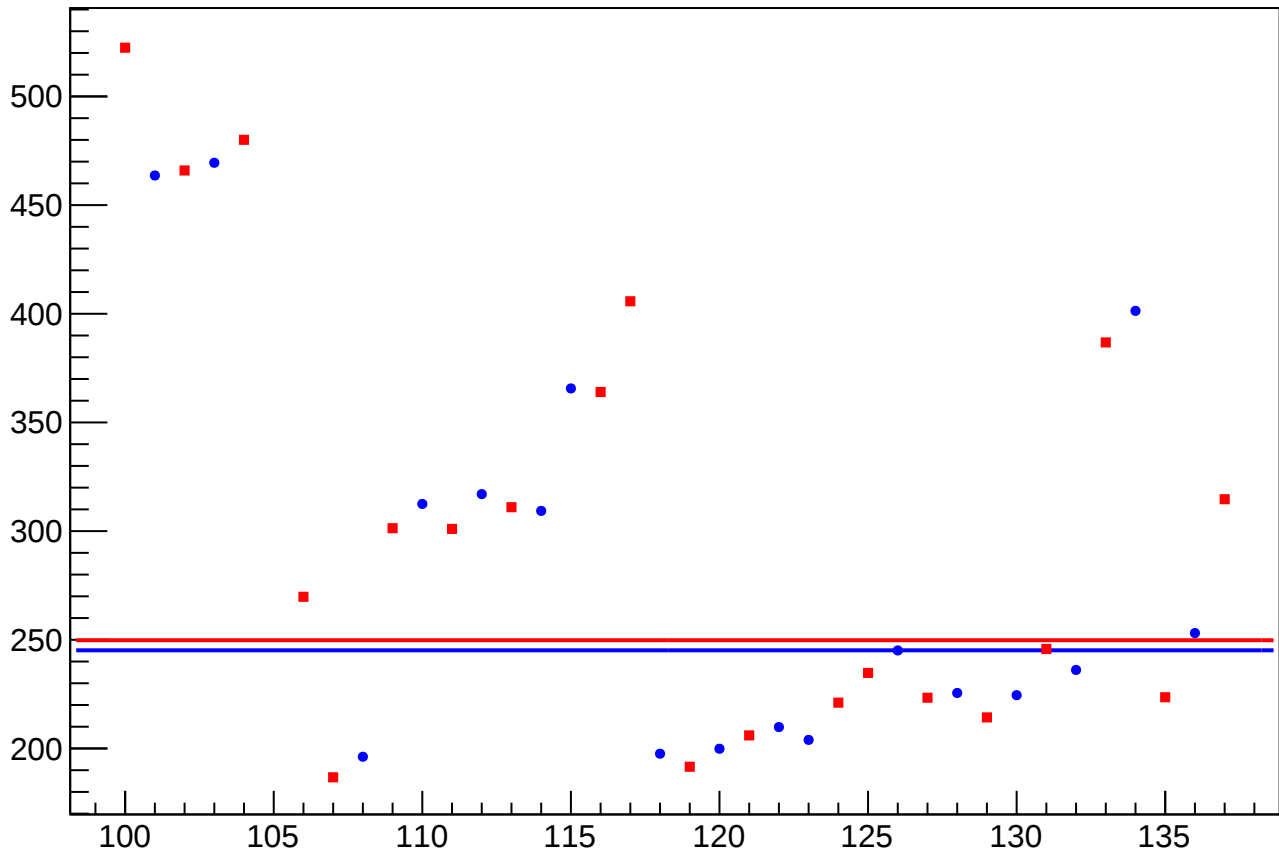
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

140755.150 $\pm$ 0.070 χ^2 /NDF: 166604413

140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

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: 249.792+/-0.070 χ^2/NDF : 1022316.0/19

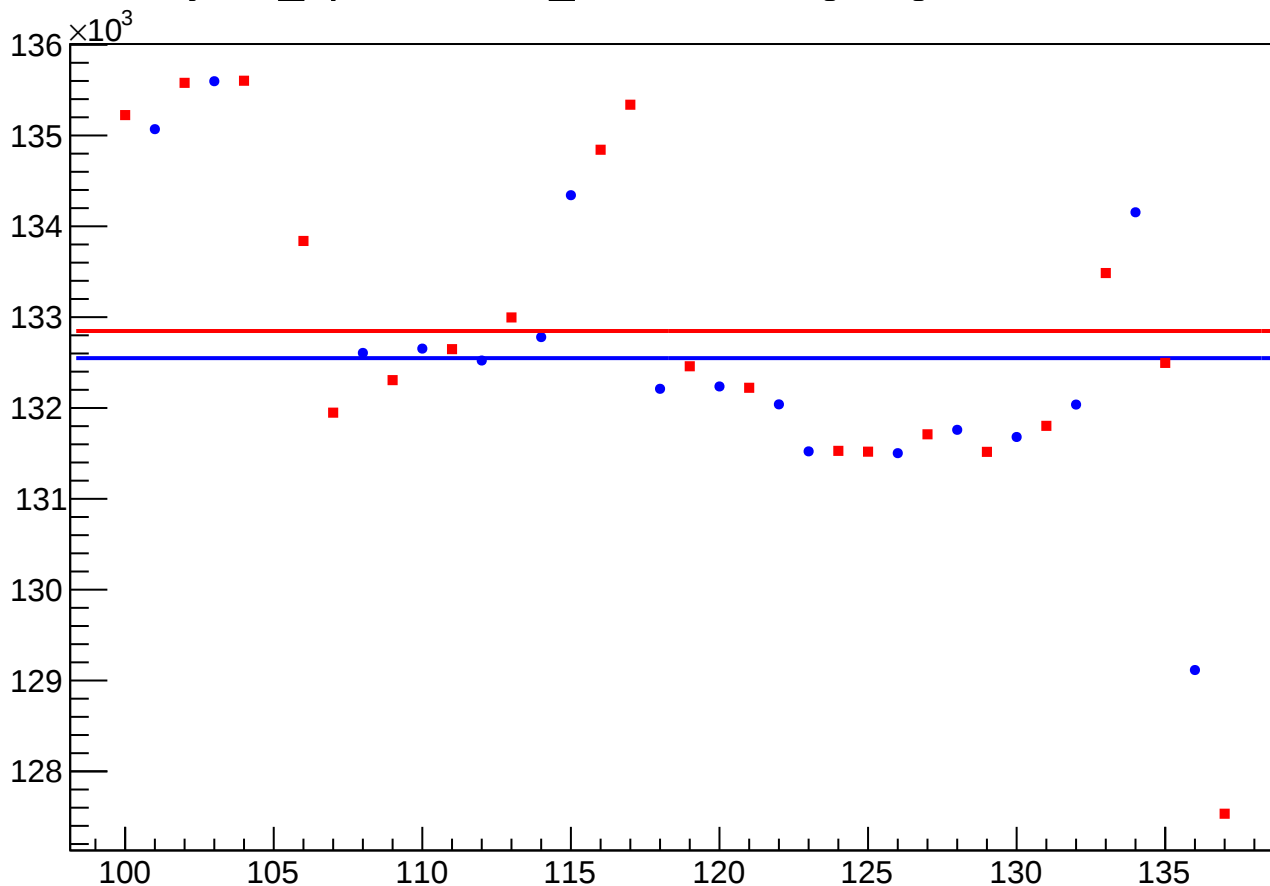
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

245.159+/-0.071 χ^2/NDF : 869491.6/16

247.500+/-0.050 χ^2/NDF : 1893976.1/36

249.792+/-0.070 χ^2/NDF : 1022316.0/19

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: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

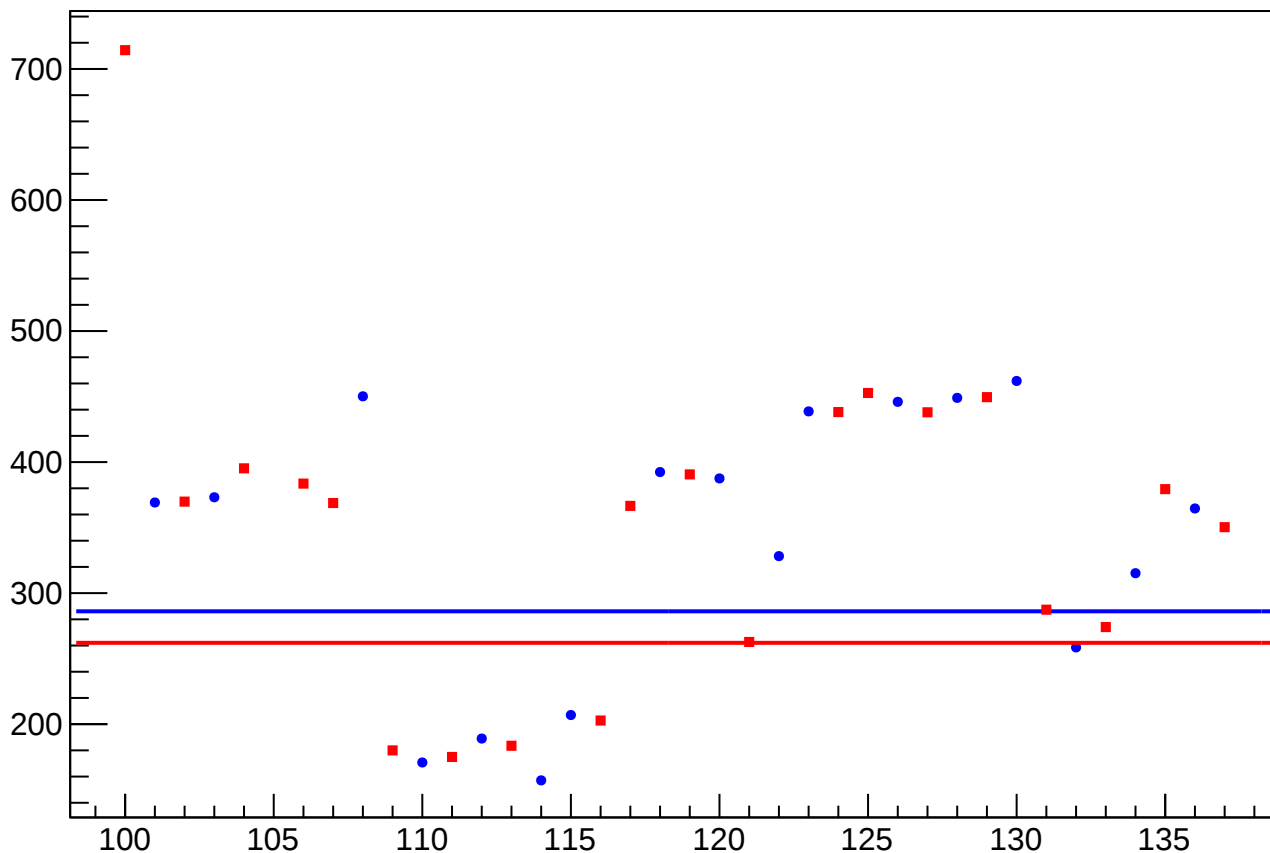
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

132714.600 $\pm$ 0.080 χ^2 /NDF: 316206346

132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

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: 262.073+/-0.076 χ^2/NDF : 1630239.5/19

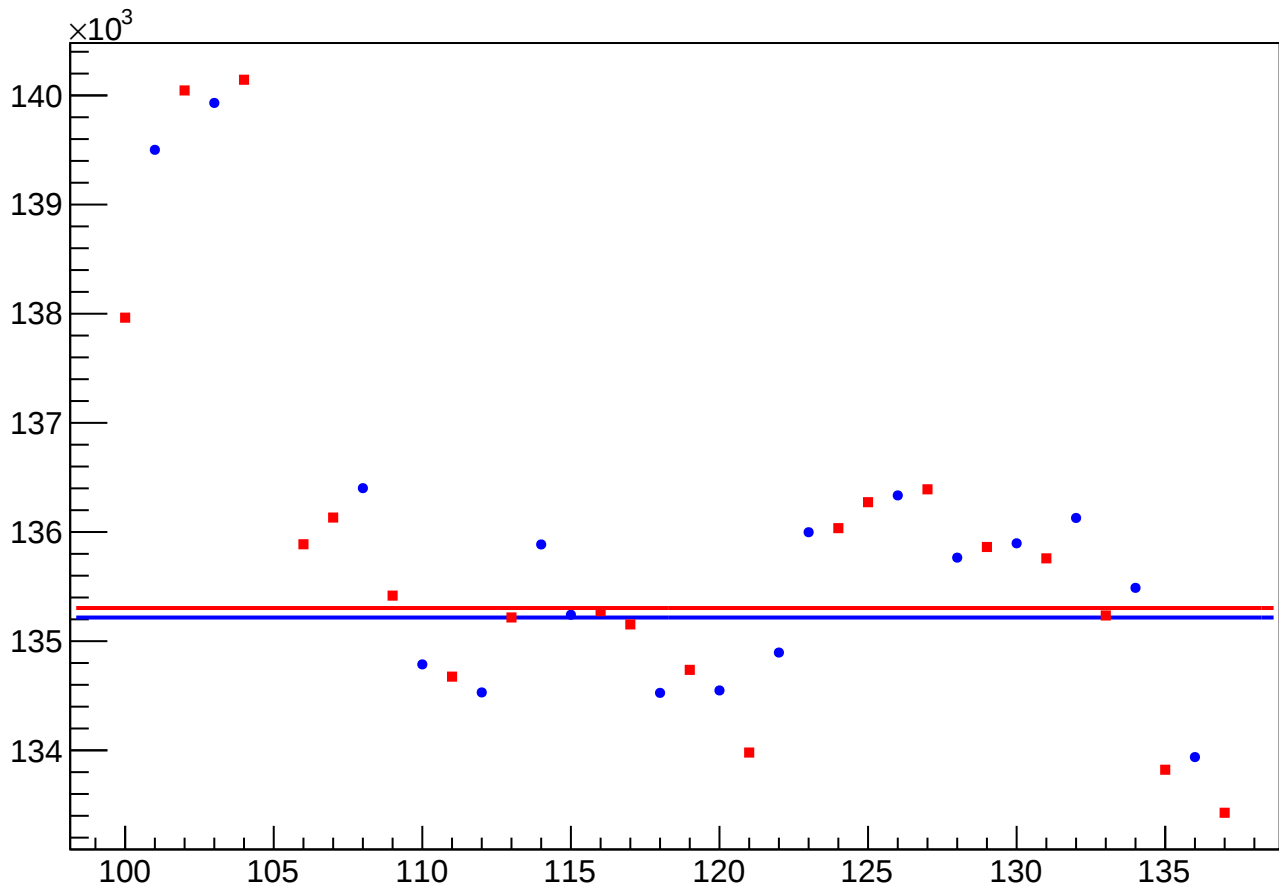
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

286.122+/-0.084 χ^2/NDF : 1525266.4/16

272.776+/-0.056 χ^2/NDF : 3200555.2/36

262.073+/-0.076 χ^2/NDF : 1630239.5/19

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

135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

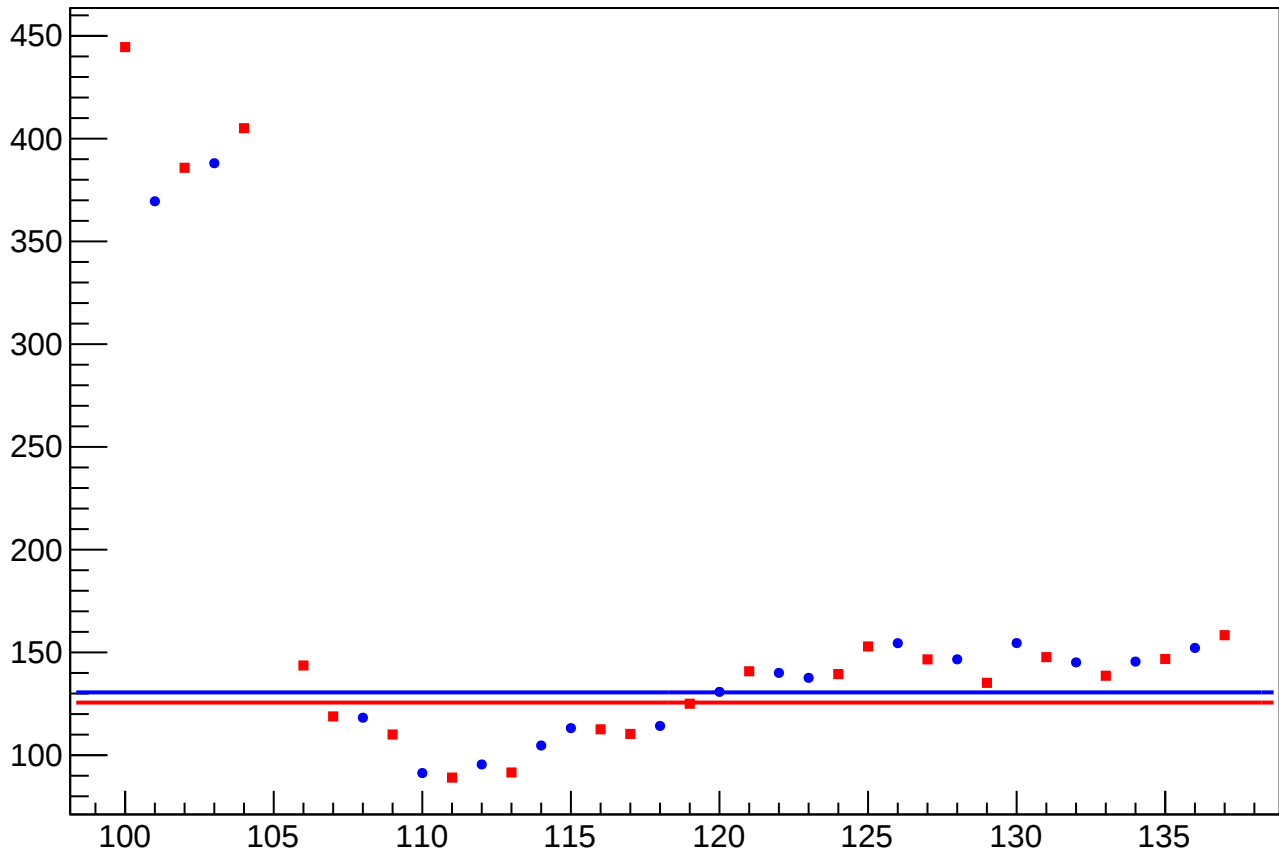
135263.016 $\pm$ 0.037 χ^2 /NDF: 730435103

Right Out: 135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

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

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.552 $\pm$ 0.038 χ^2 /NDF: 1373104.9/16

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

Right Out: 125.603 $\pm$ 0.036 χ^2 /NDF: 1441677.4/19

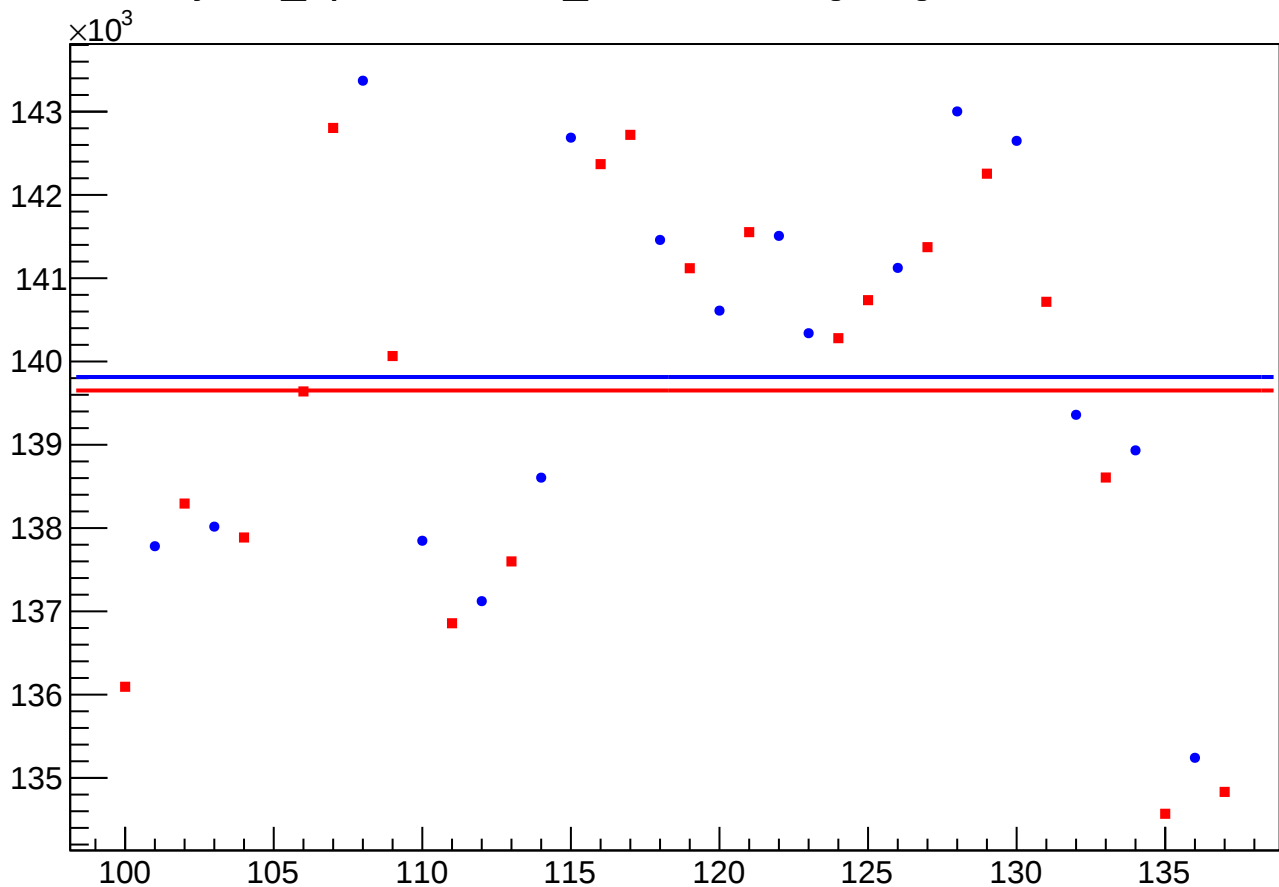
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.552 $\pm$ 0.038 χ^2 /NDF: 1373104.9/16

127.915 $\pm$ 0.026 χ^2 /NDF: 2823612.0/36

125.603 $\pm$ 0.036 χ^2 /NDF: 1441677.4/19

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

139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

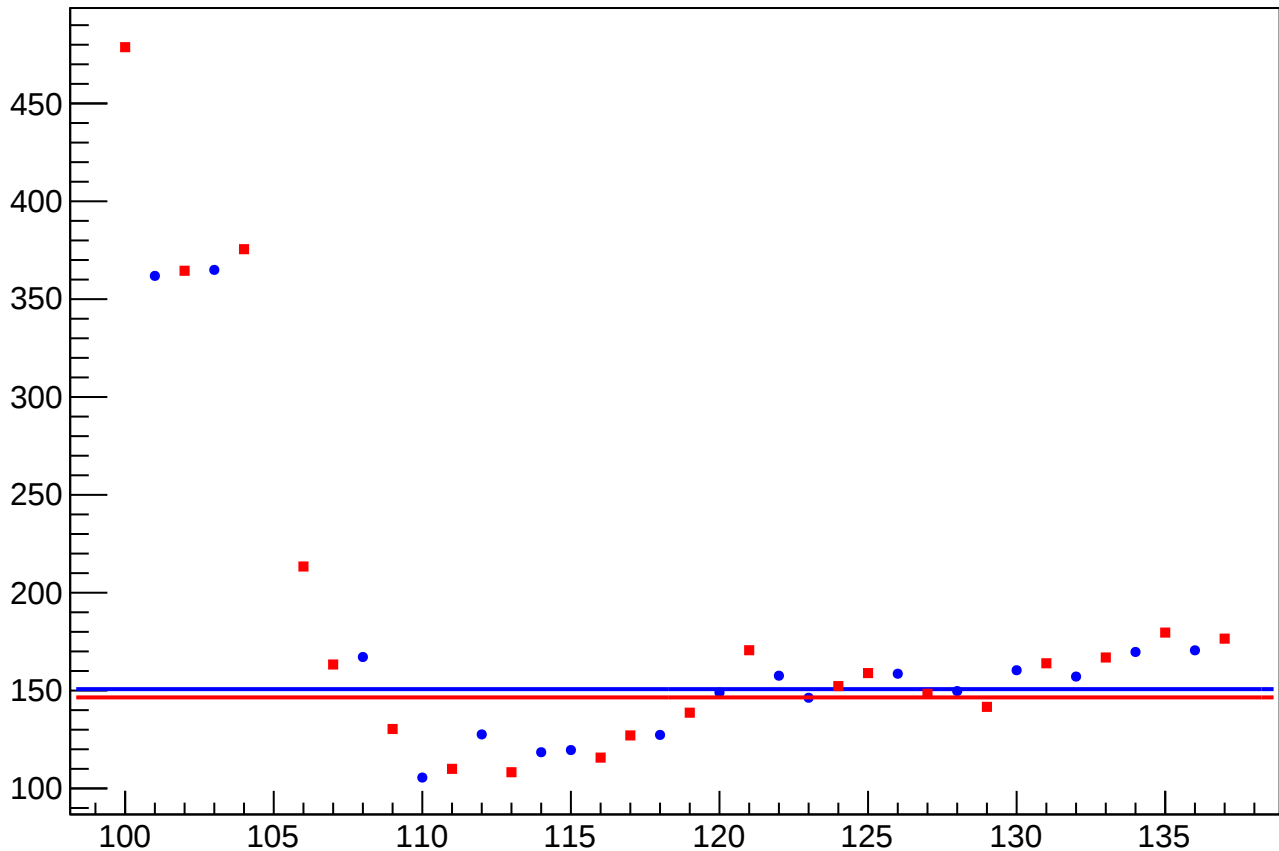
139728.488 $\pm$ 0.043 χ^2 /NDF: 322447979

Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

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

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: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

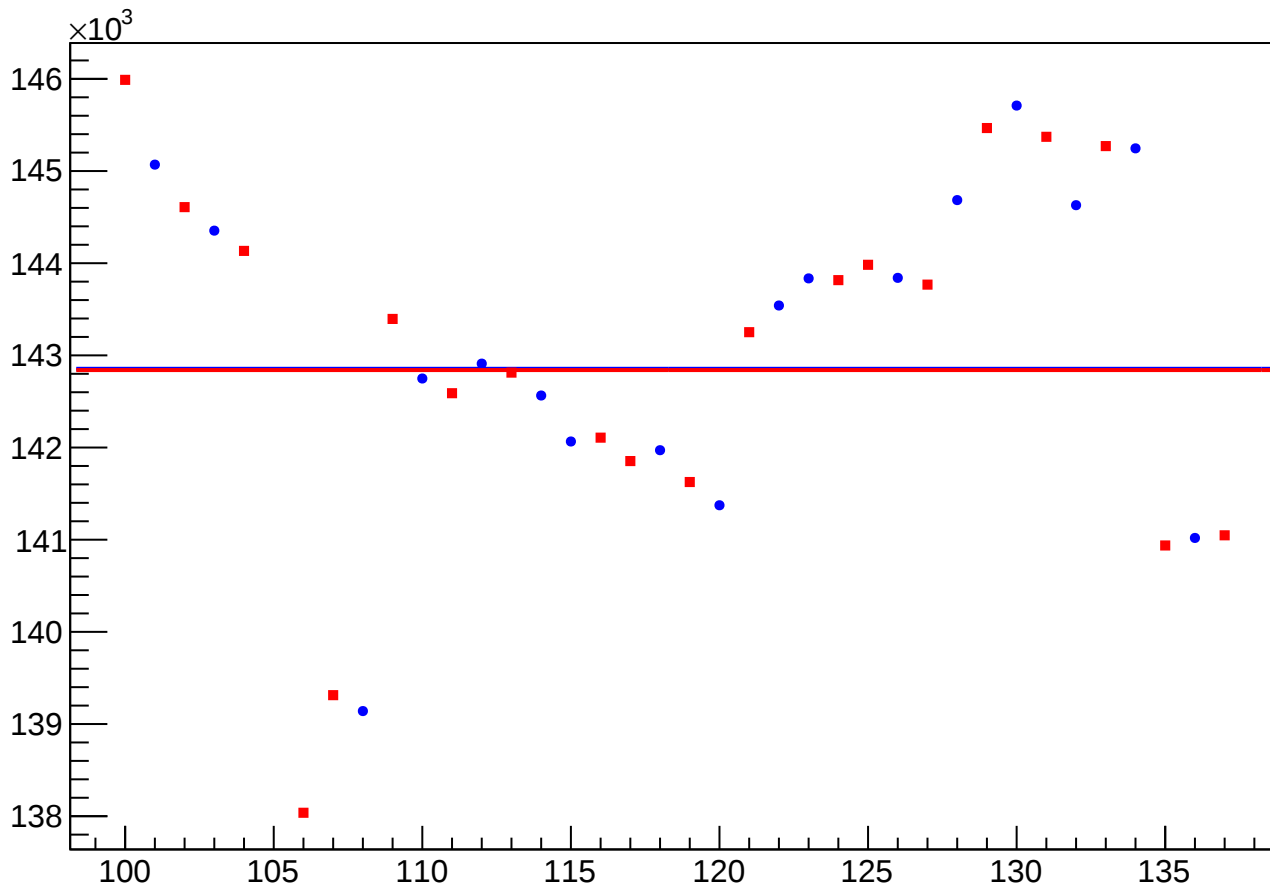
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

150.733+/-0.044 χ^2/NDF : 1050071.6/16

148.508+/-0.030 χ^2/NDF : 2260108.1/36

146.506+/-0.042 χ^2/NDF : 1205131.2/19

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

Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

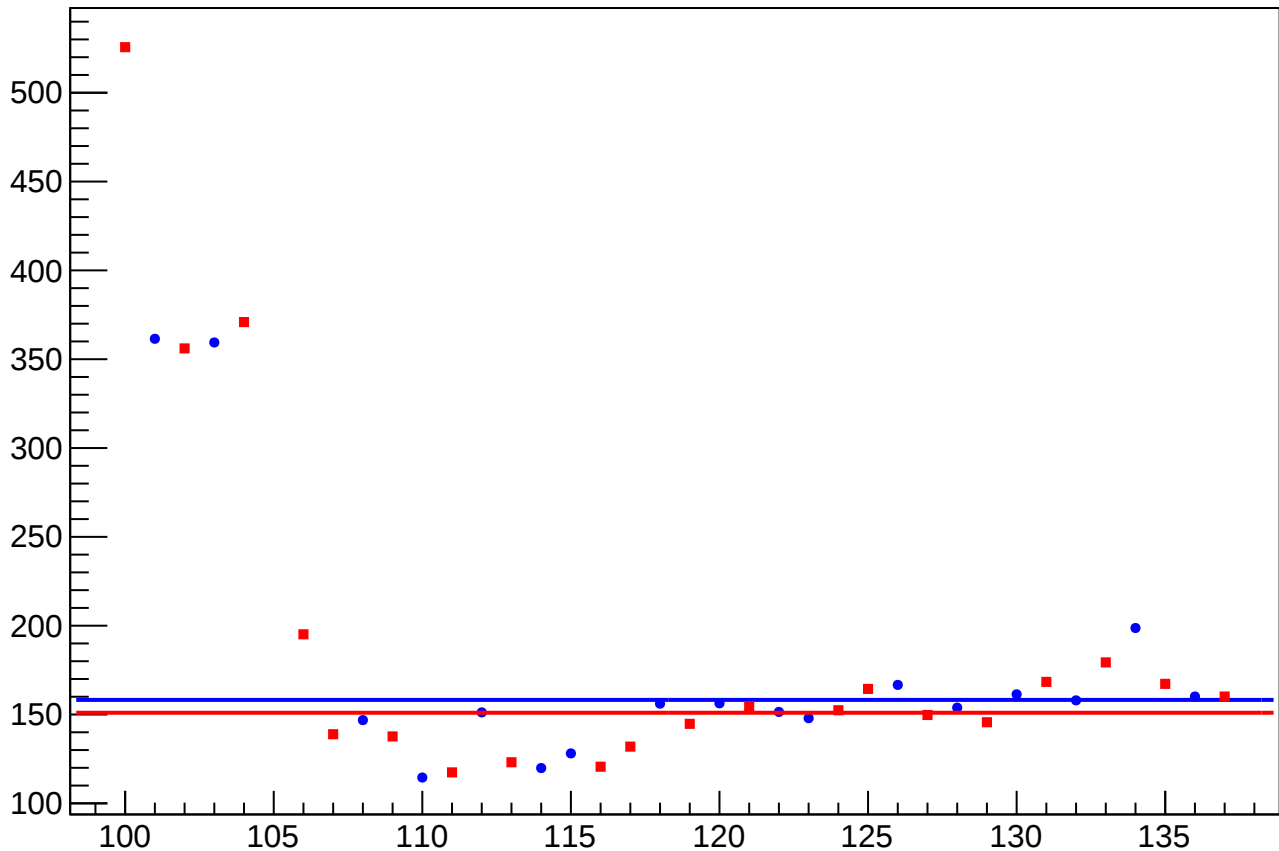
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

142846.889 $\pm$ 0.044 χ^2 /NDF: 159287600

142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

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: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

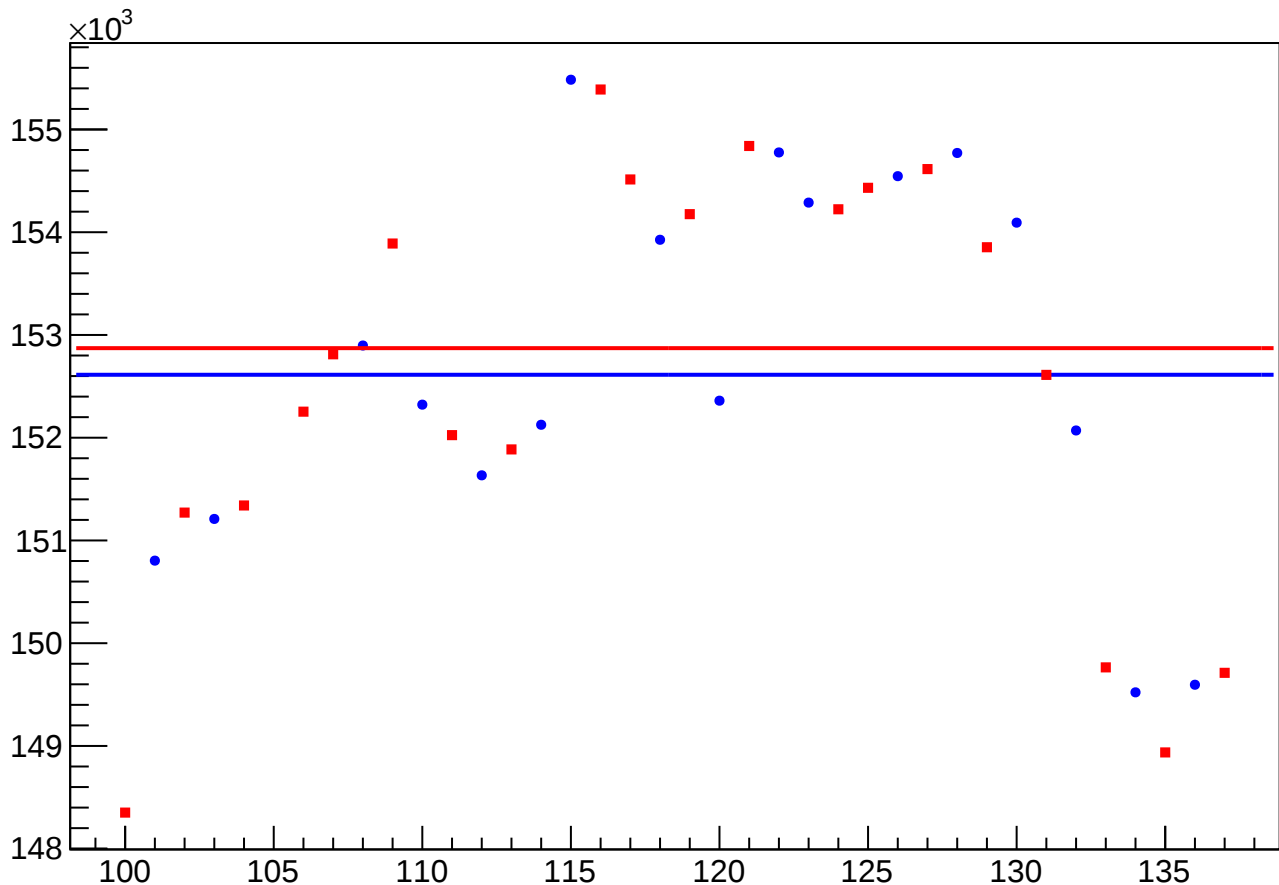
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

158.233+/-0.046 χ^2/NDF : 883513.4/16

154.355+/-0.031 χ^2/NDF : 1902025.8/36

151.003+/-0.043 χ^2/NDF : 1005104.9/19

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: 152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

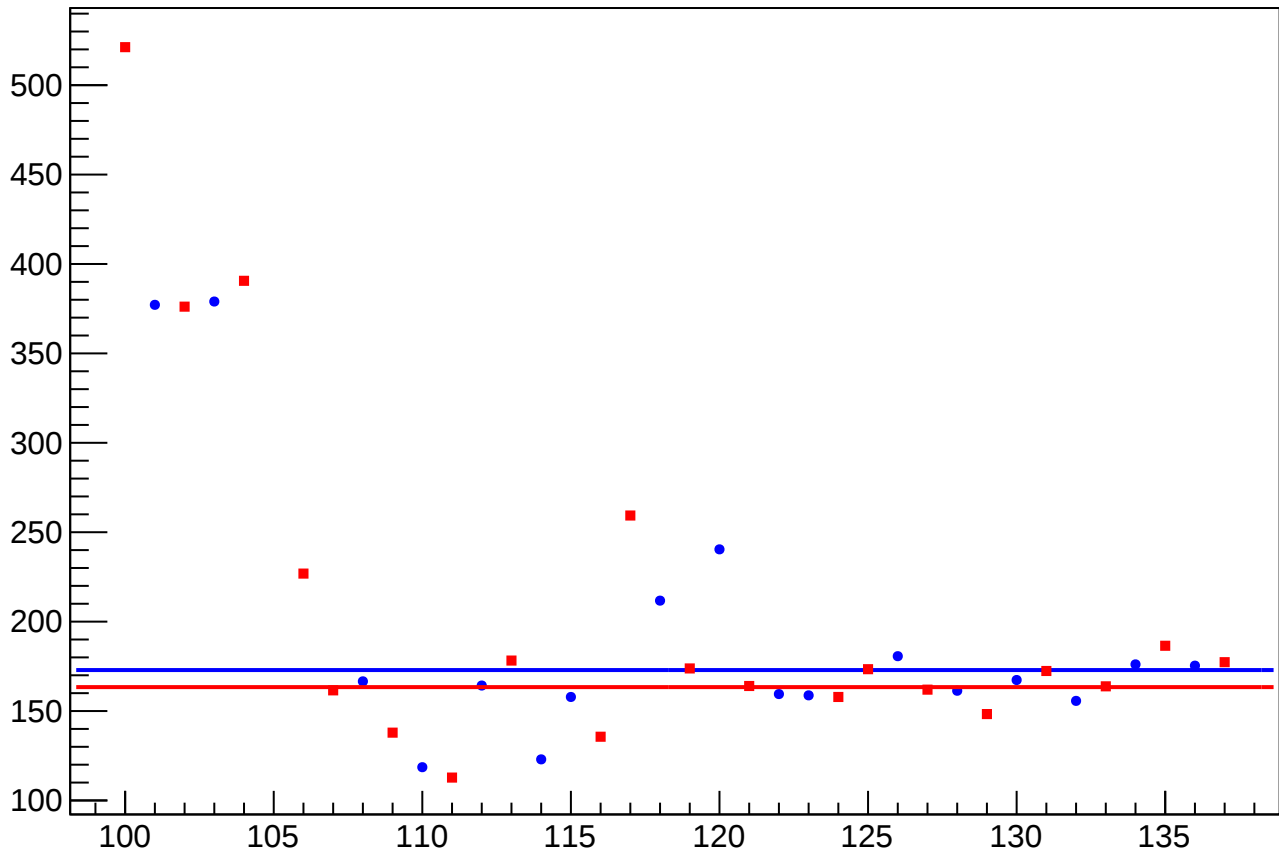
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

152753.380 $\pm$ 0.049 χ^2 /NDF: 134905844

152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

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: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

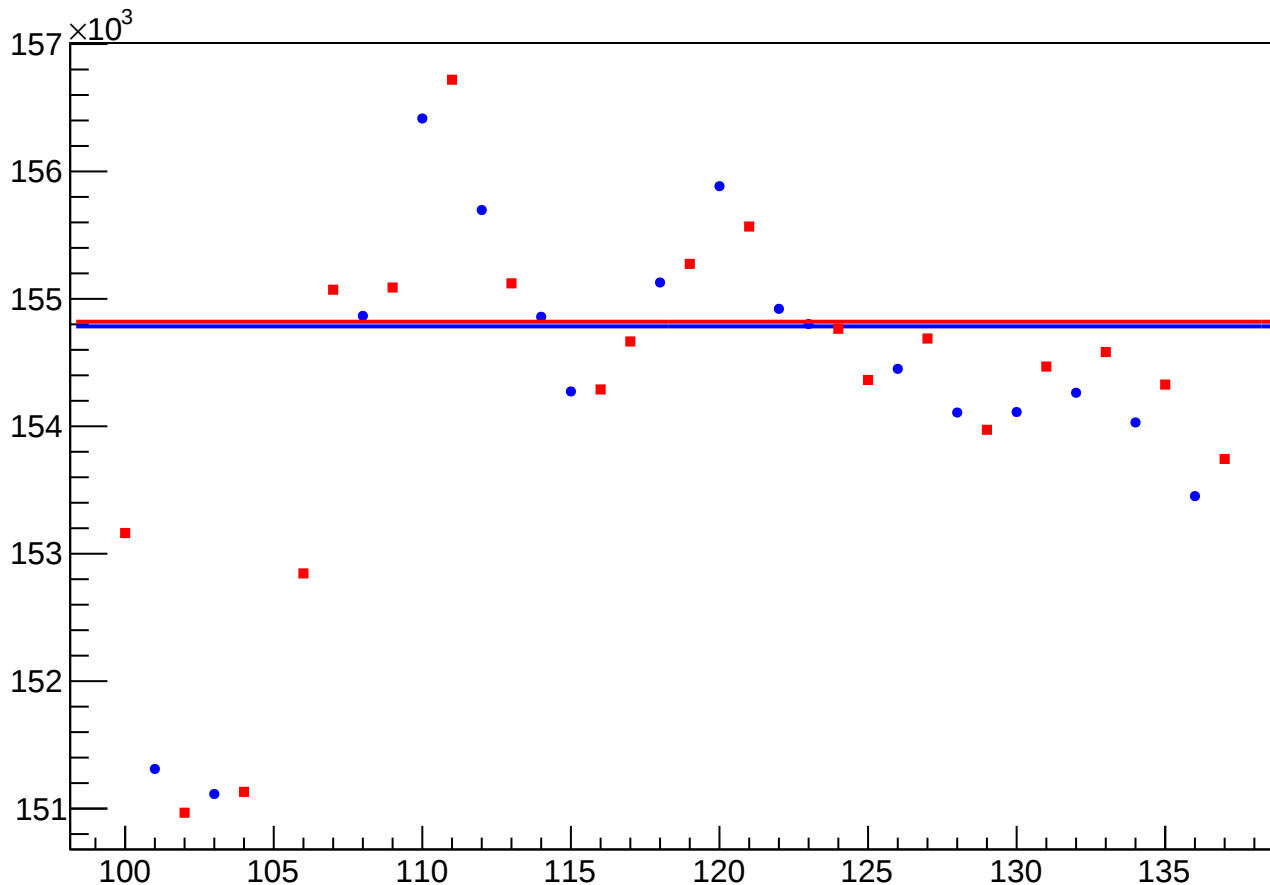
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.921+/-0.051 χ^2/NDF : 941954.0/16

167.736+/-0.034 χ^2/NDF : 2005380.0/36

163.382+/-0.047 χ^2/NDF : 1044431.2/19

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: 154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

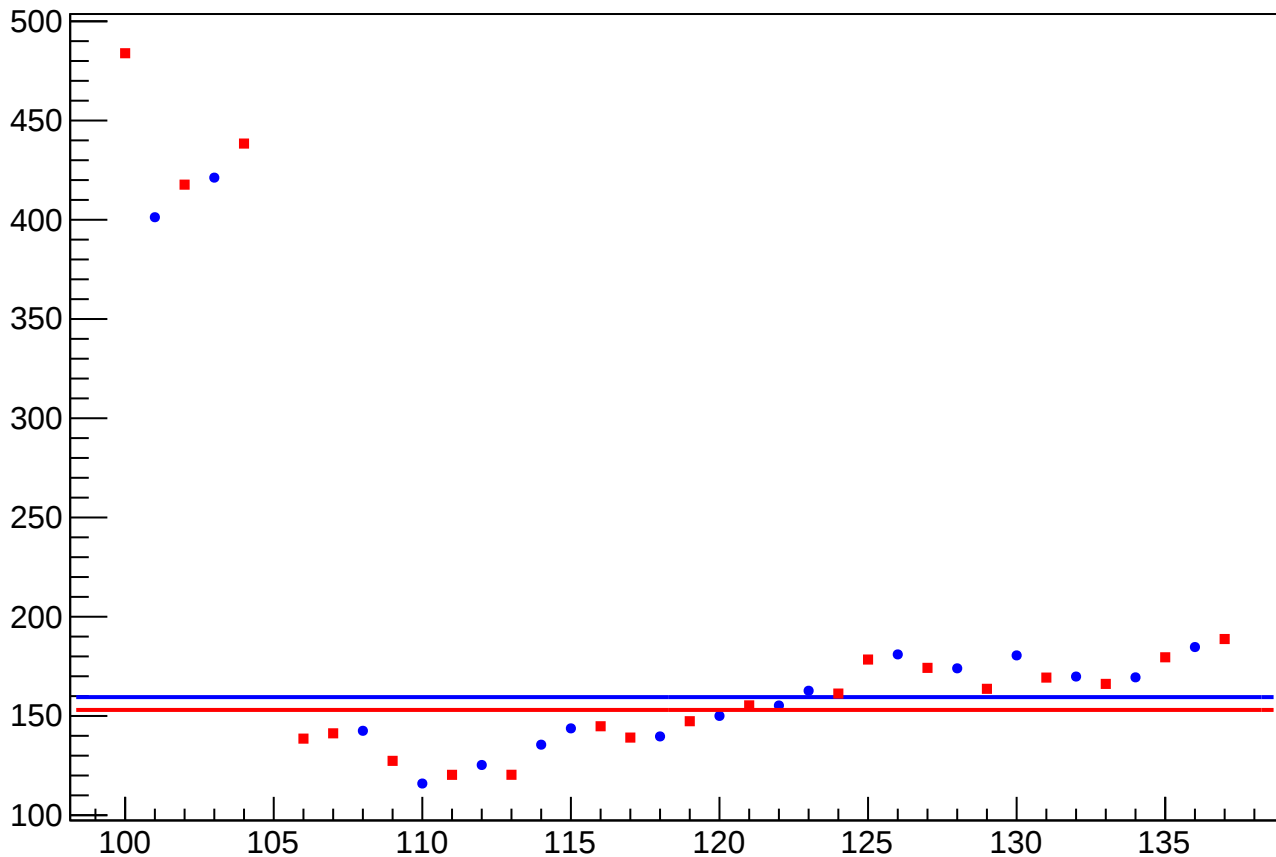
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154783.944 $\pm$ 0.065 χ^2 /NDF: 265581398.0/16

154803.767 $\pm$ 0.044 χ^2 /NDF: 559657428

154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

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: 153.038 $\pm$ 0.043 χ^2 /NDF: 1174616.4/19

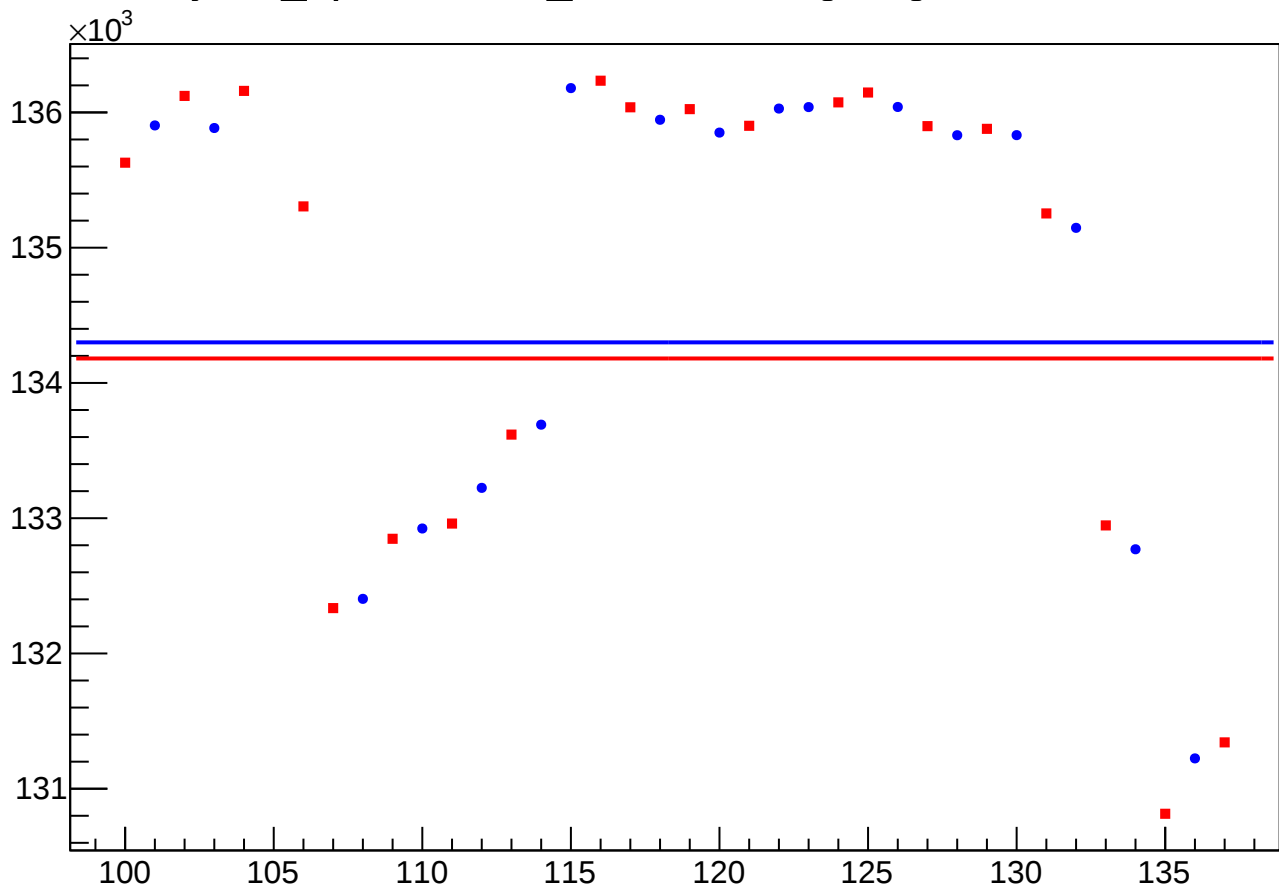
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

159.504 $\pm$ 0.046 χ^2 /NDF: 1131844.5/16

156.028 $\pm$ 0.031 χ^2 /NDF: 2316979.2/36

153.038 $\pm$ 0.043 χ^2 /NDF: 1174616.4/19

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: 134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

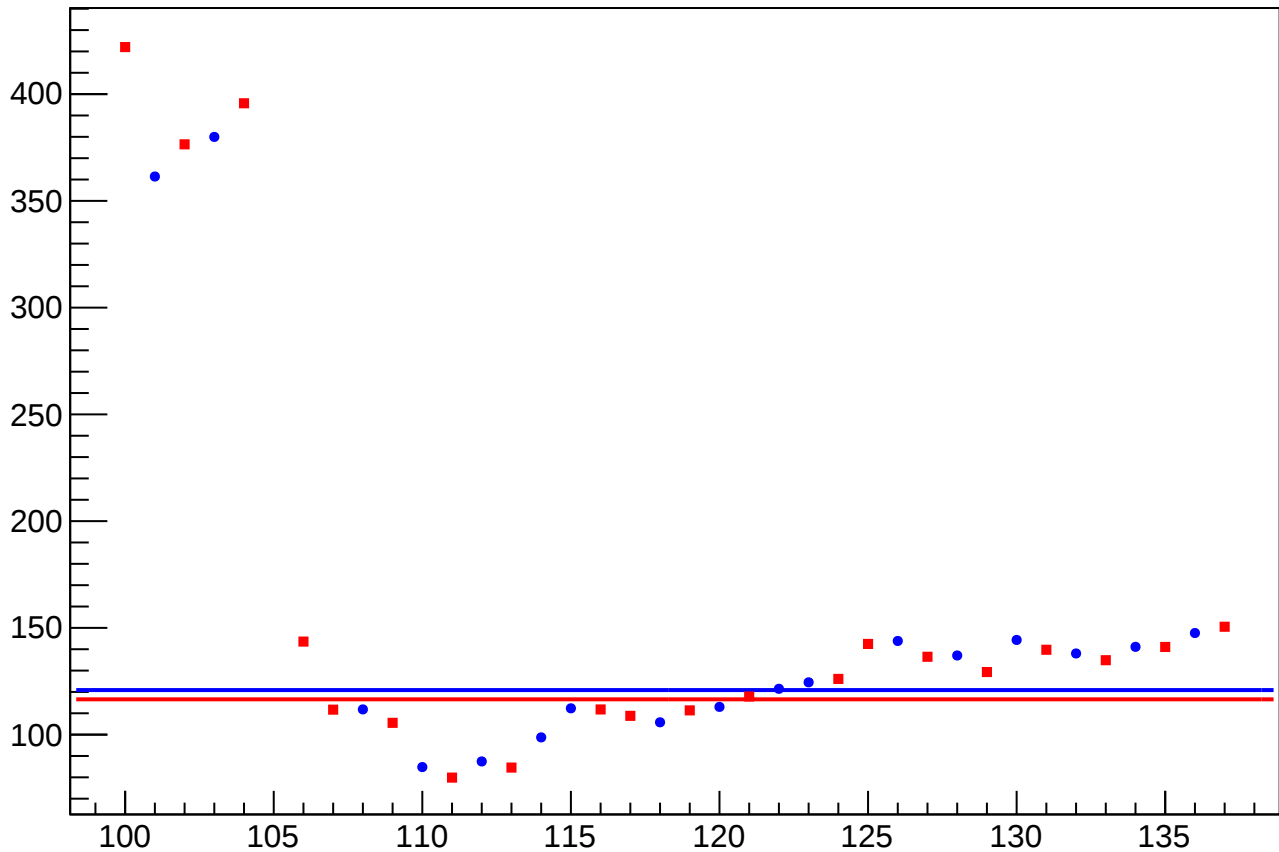
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

134236.622 $\pm$ 0.034 χ^2 /NDF: 237676456

134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 120.872 +/- 0.036 χ^2/NDF : 1463728.4/16

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

Right Out: 116.531 +/- 0.033 χ^2/NDF : 1541779.4/19

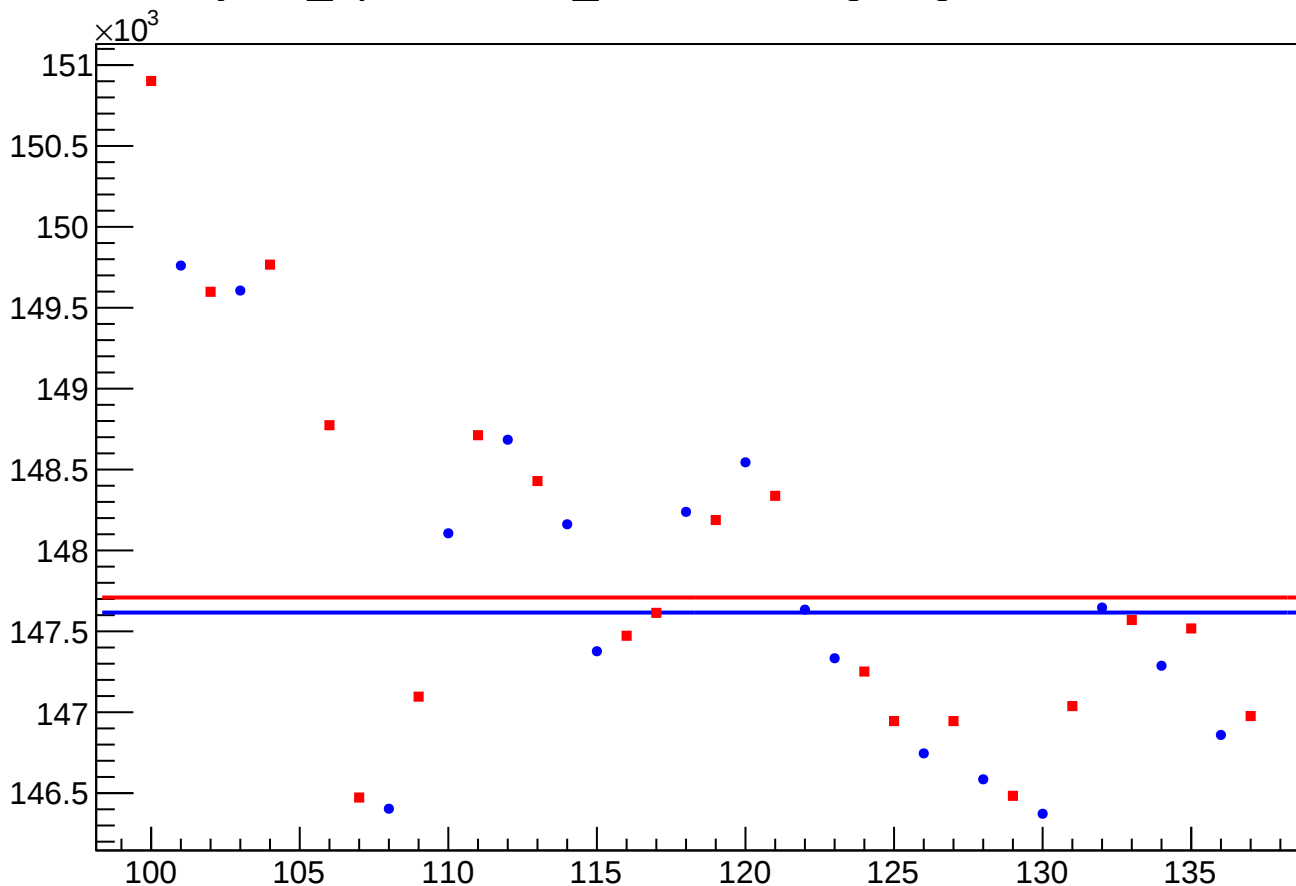
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

120.872 +/- 0.036 χ^2/NDF : 1463728.4/16

118.562 +/- 0.024 χ^2/NDF : 3013423.4/36

116.531 +/- 0.033 χ^2/NDF : 1541779.4/19

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147616.150 $\pm$ 0.062 χ^2 /NDF: 199263428.7/16

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

Right Out: 147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

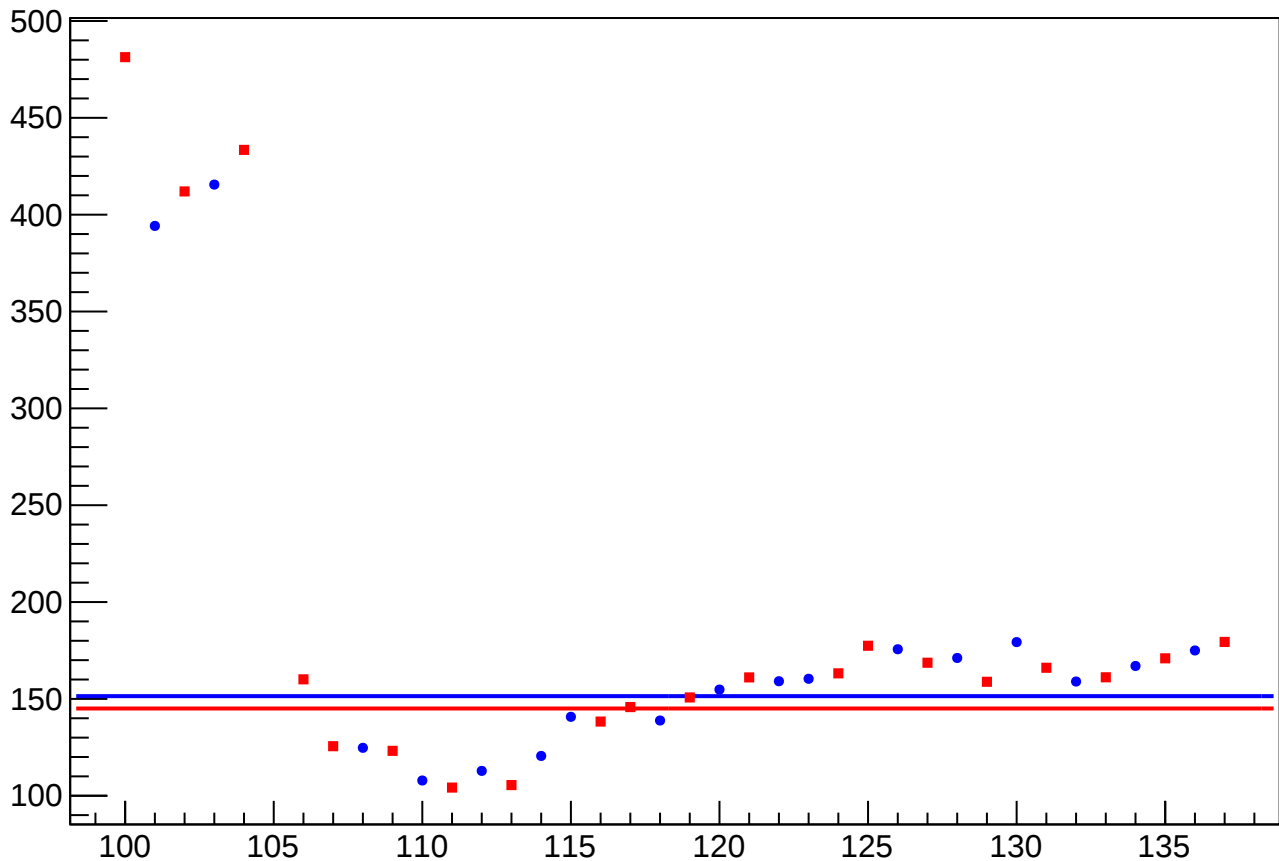
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147616.150 $\pm$ 0.062 χ^2 /NDF: 199263428.7/16

147665.970 $\pm$ 0.043 χ^2 /NDF: 404373763

147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

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: 145.044+/-0.041 χ^2/NDF : 1375974.1/19

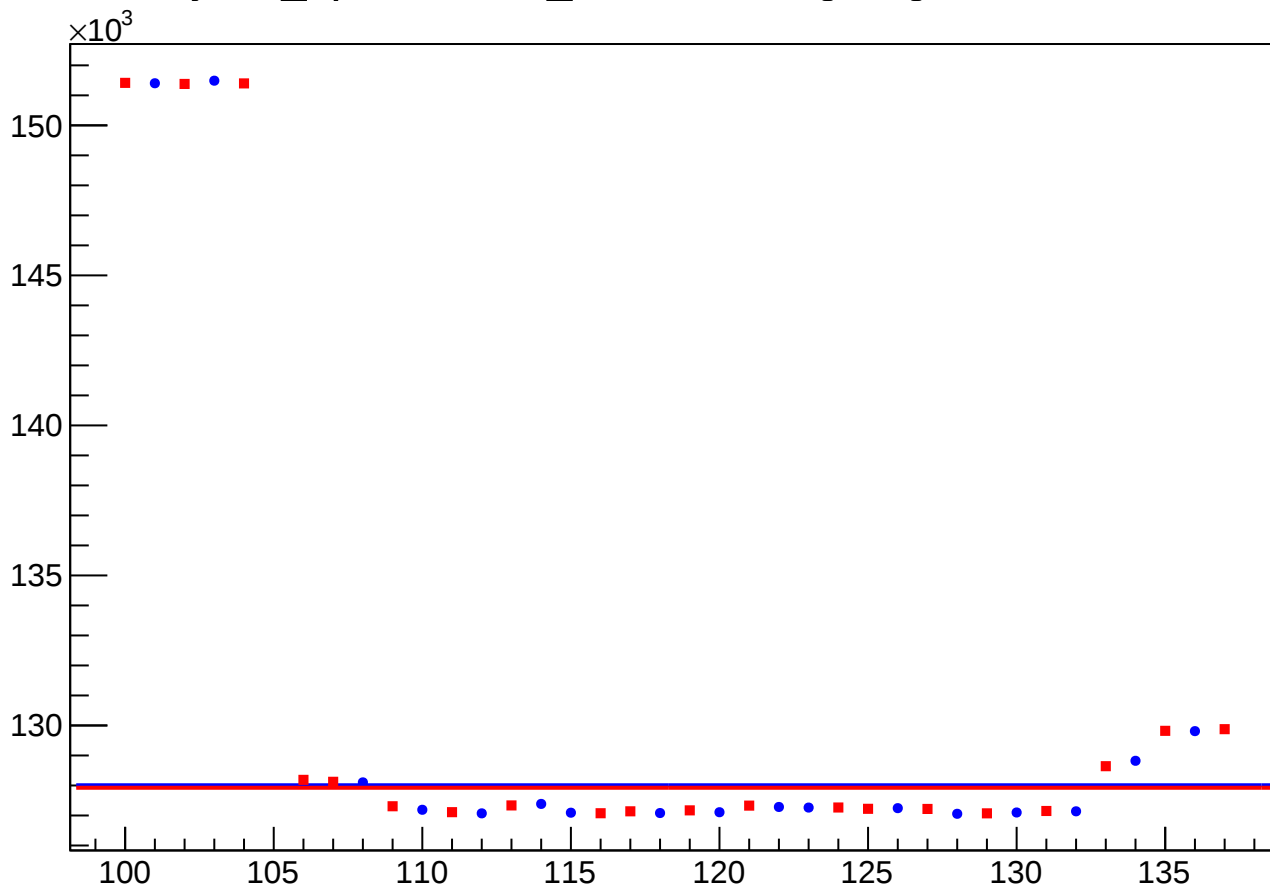
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

151.424+/-0.044 χ^2/NDF : 1257843.0/16

148.004+/-0.030 χ^2/NDF : 2644993.2/36

145.044+/-0.041 χ^2/NDF : 1375974.1/19

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: 127923.940 $\pm$ 0.050 χ^2 /NDF: 3770107280.1/19

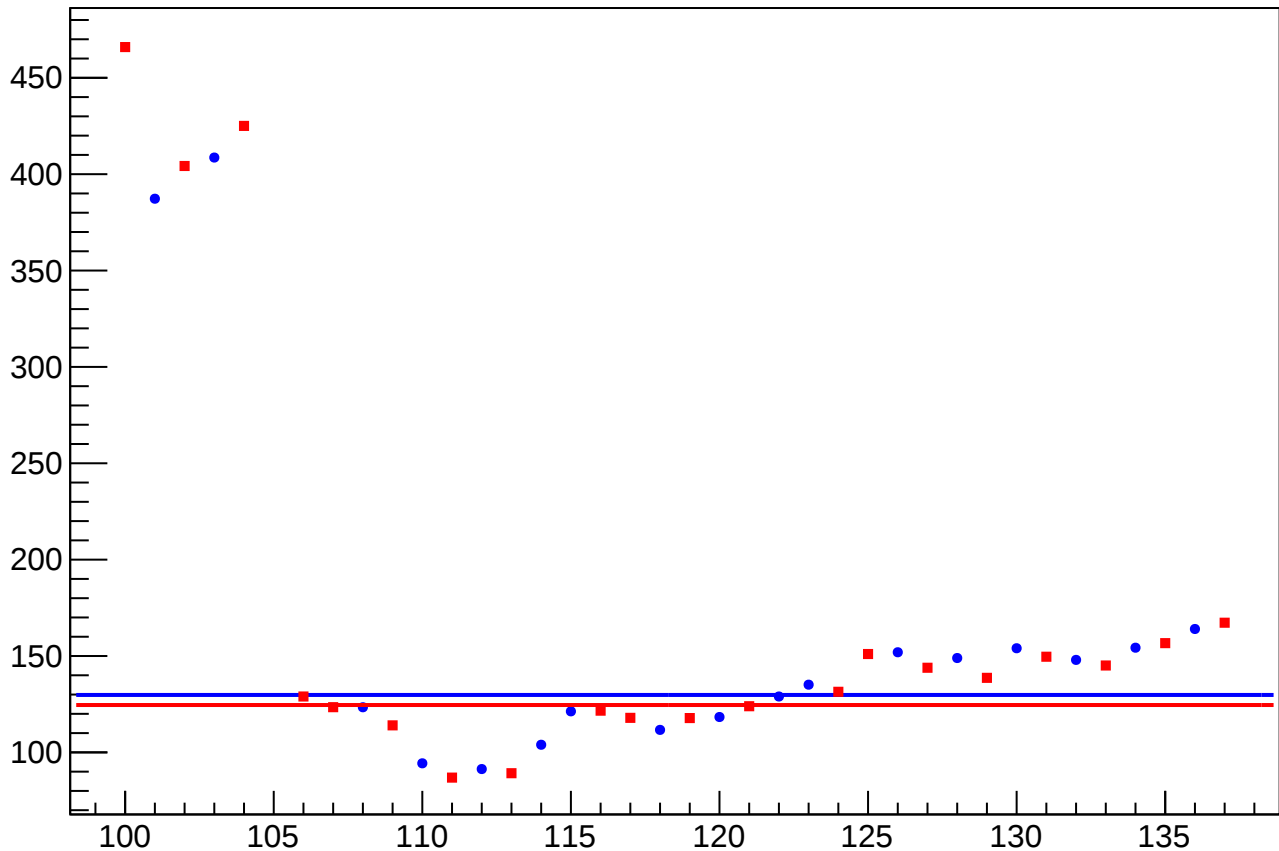
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128007.364 $\pm$ 0.054 χ^2 /NDF: 4319785674.5/16

127962.505 $\pm$ 0.037 χ^2 /NDF: 809117045

127923.940 $\pm$ 0.050 χ^2 /NDF: 3770107280.1/19

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796+/-0.038 χ^2/NDF : 1485294.2/16

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

Right Out: 124.572+/-0.035 χ^2/NDF : 1532105.0/19

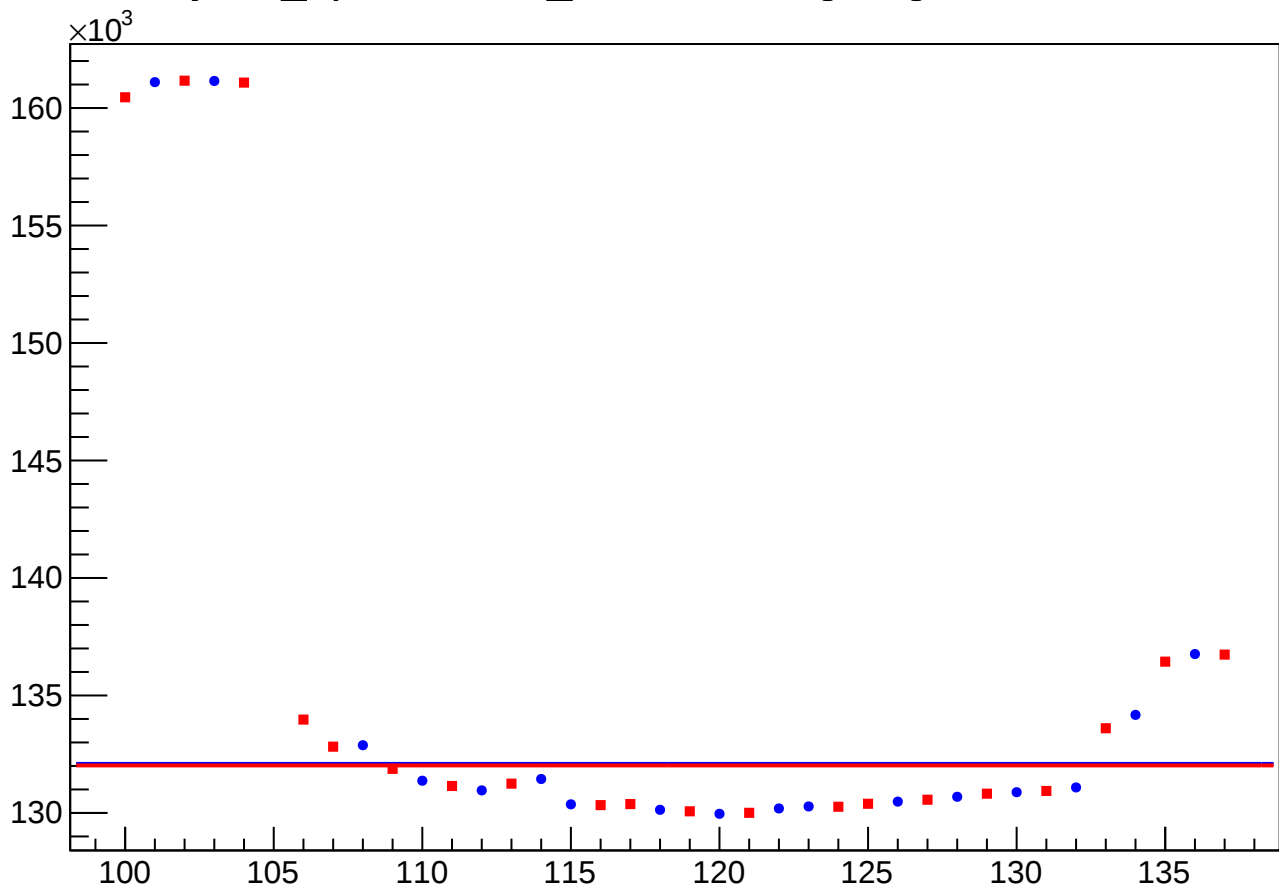
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.796+/-0.038 χ^2/NDF : 1485294.2/16

126.987+/-0.026 χ^2/NDF : 3027418.2/36

124.572+/-0.035 χ^2/NDF : 1532105.0/19

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: 132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

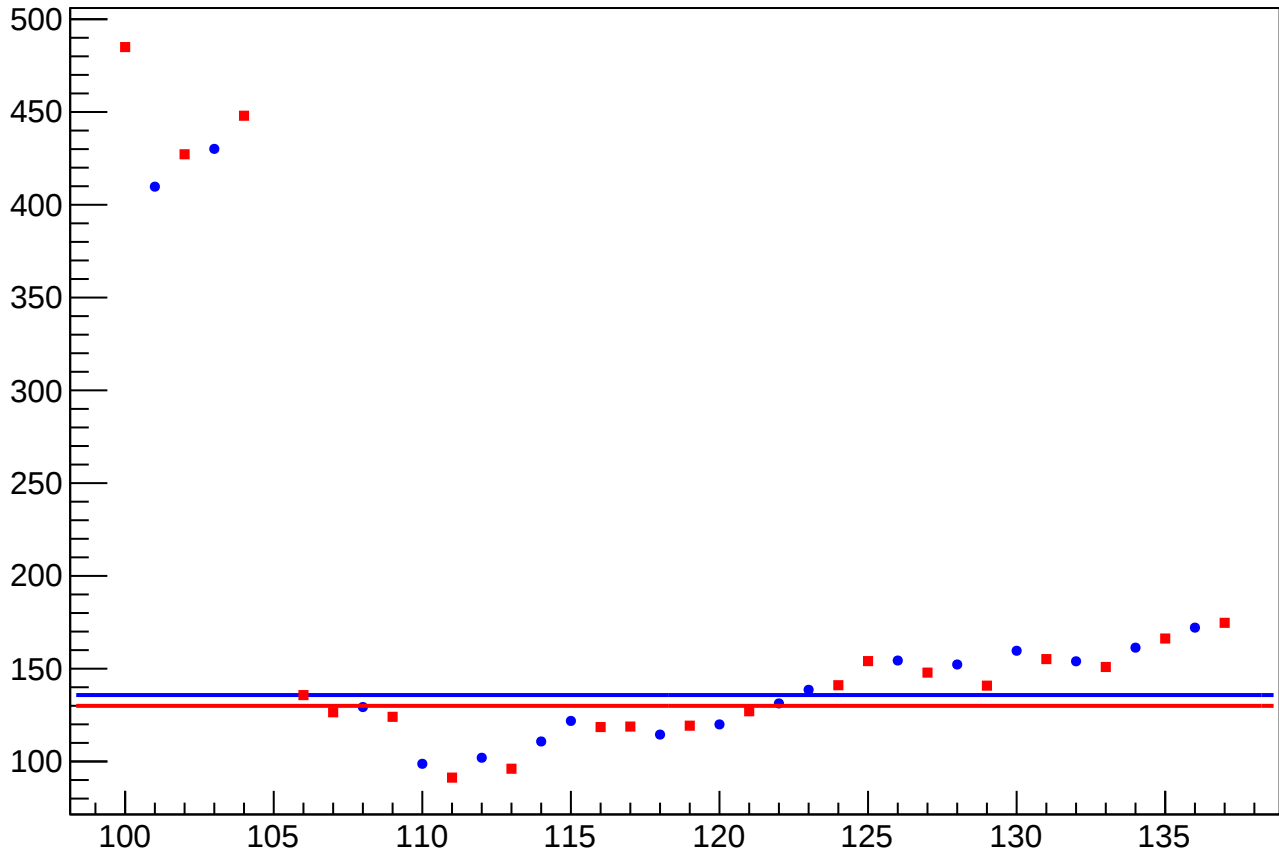
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16

132052.758 $\pm$ 0.038 χ^2 /NDF: 126243965

132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

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: 129.975+/-0.037 χ^2/NDF : 1504768.0/19

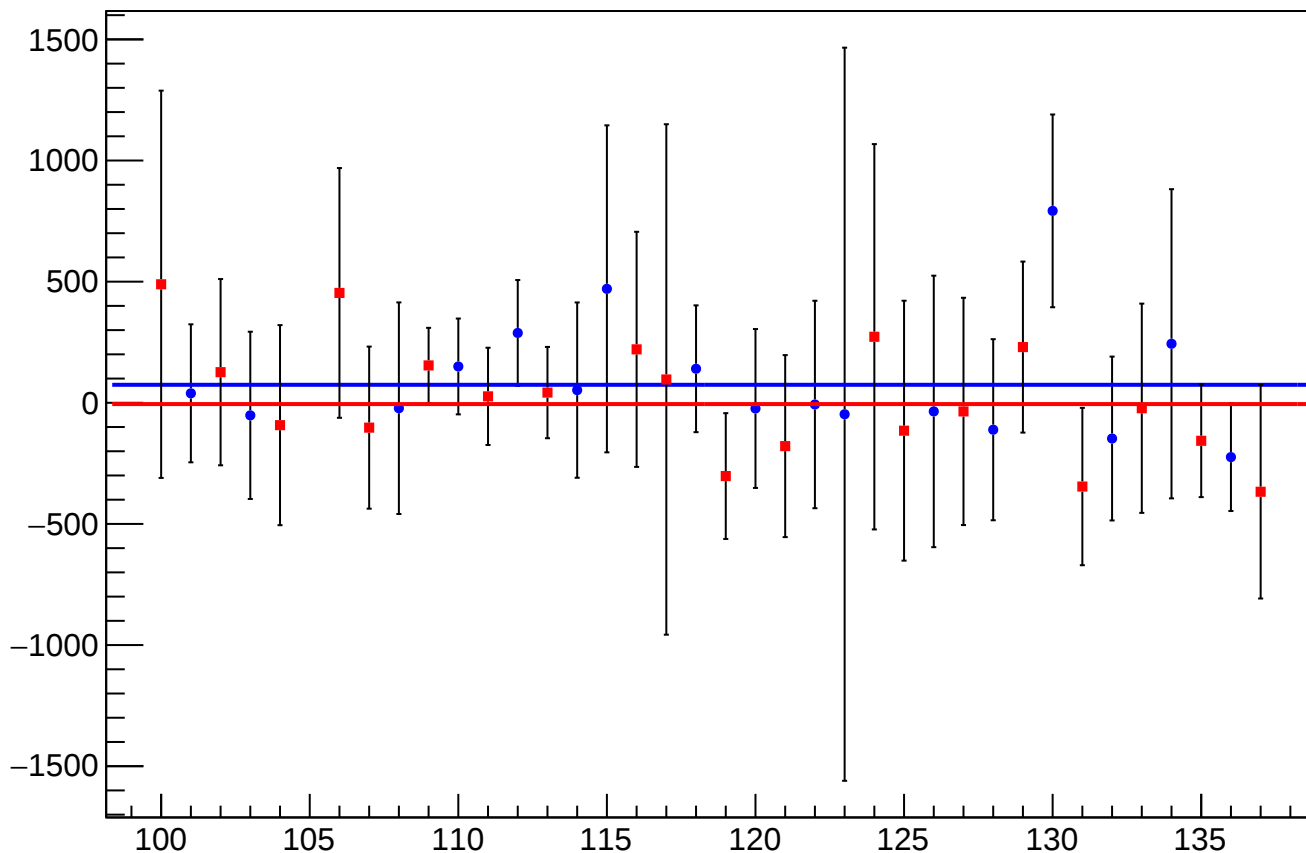
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.796+/-0.040 χ^2/NDF : 1441904.9/16

132.660+/-0.027 χ^2/NDF : 2958099.2/36

129.975+/-0.037 χ^2/NDF : 1504768.0/19

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: -5.290+/-69.914 χ^2/NDF : 7.1/19

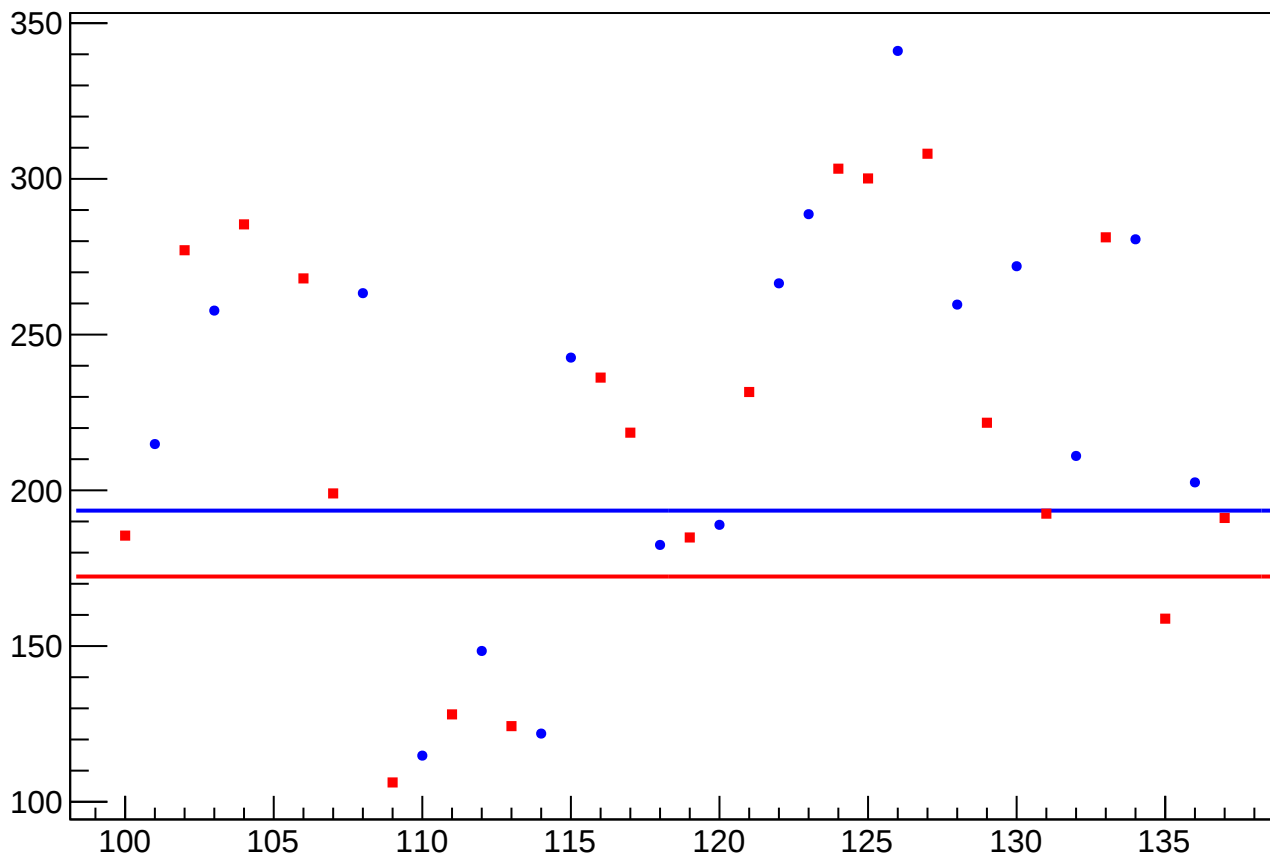
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.294+/-79.018 χ^2/NDF : 7.7/16

29.655+/-52.361 χ^2/NDF : 15.4/36

-5.290+/-69.914 χ^2/NDF : 7.1/19

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: 172.327+/-0.049 χ^2/NDF : 1583701.4/19

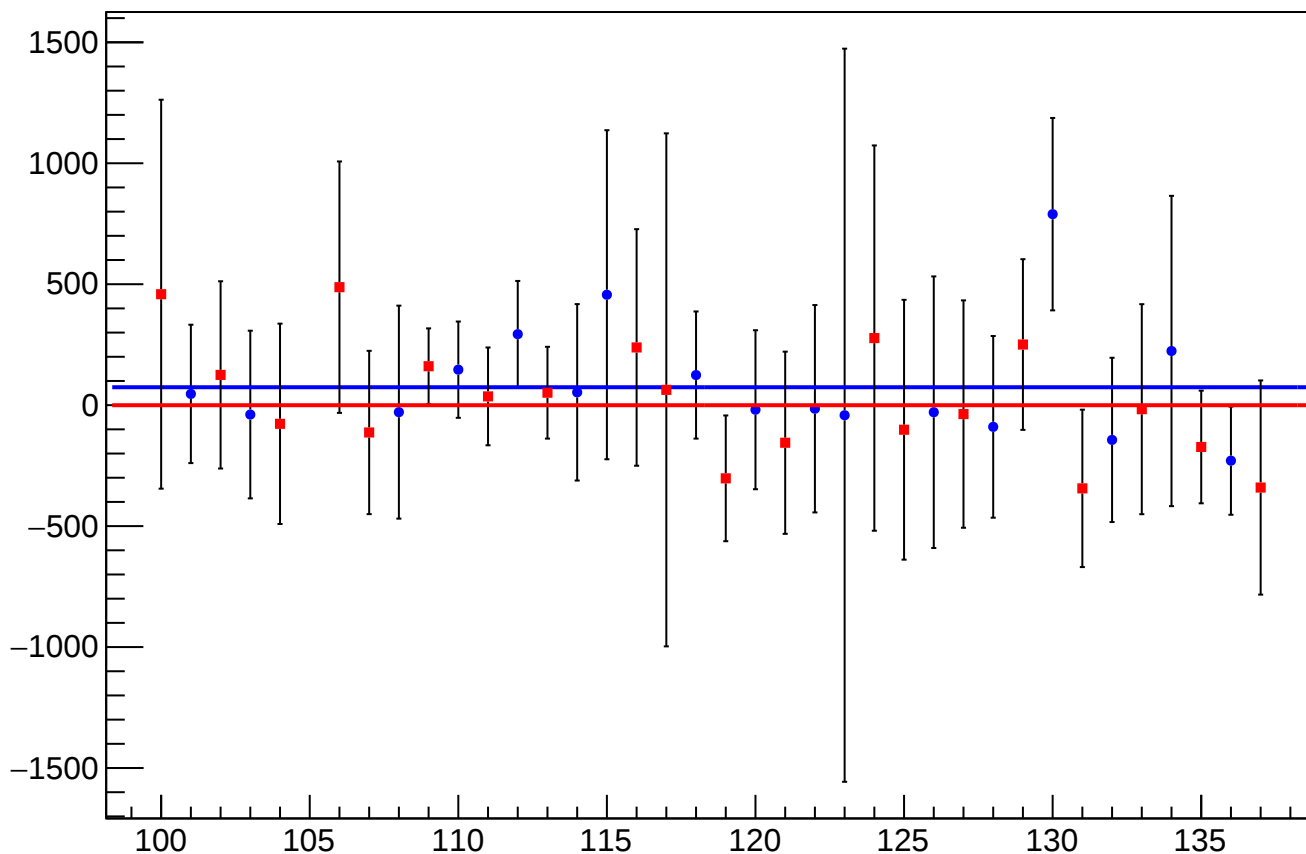
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.488+/-0.056 χ^2/NDF : 1017195.7/16

181.619+/-0.037 χ^2/NDF : 2681350.3/36

172.327+/-0.049 χ^2/NDF : 1583701.4/19

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: -0.223+/-70.282 χ^2/NDF : 7.3/19

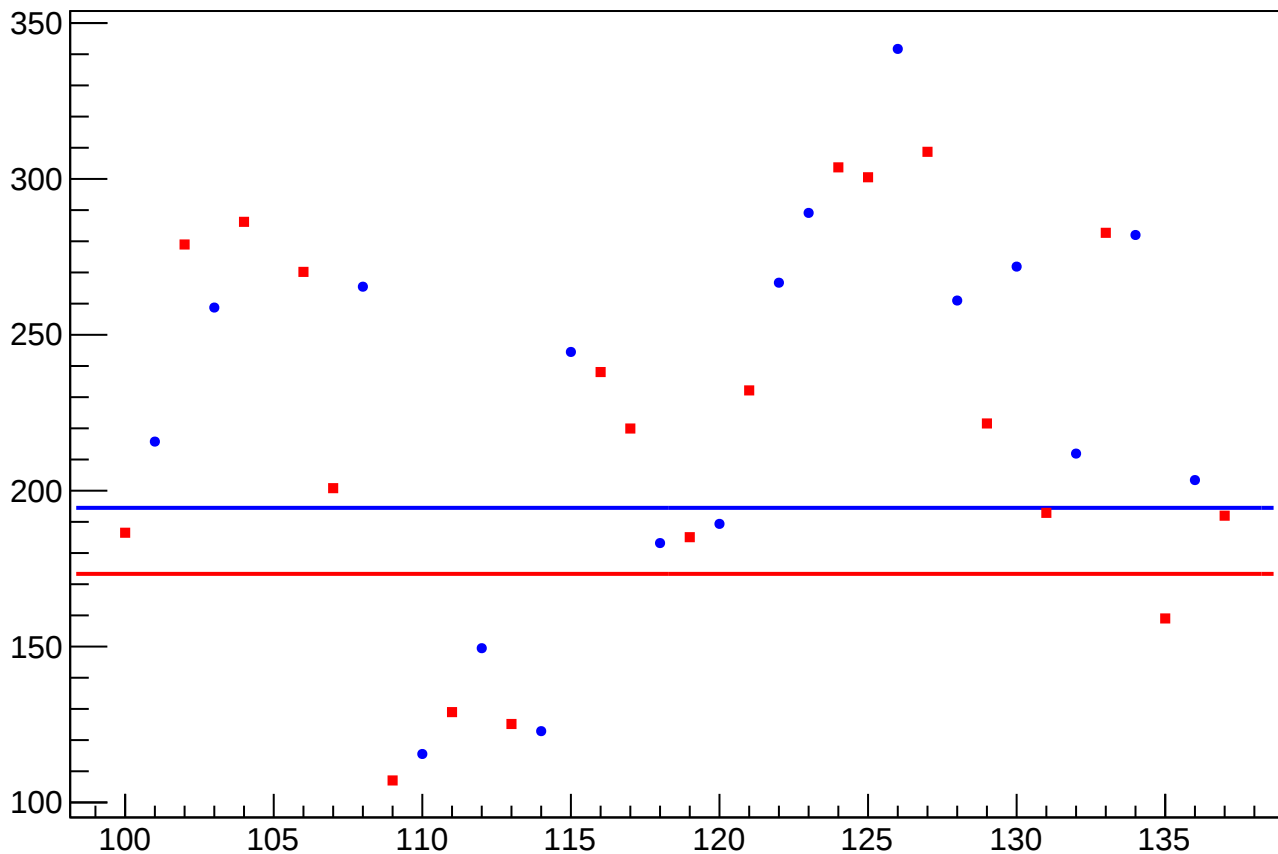
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.098+/-79.404 χ^2/NDF : 7.6/16

32.425+/-52.628 χ^2/NDF : 15.4/36

-0.223+/-70.282 χ^2/NDF : 7.3/19

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: 173.317 $\pm$ 0.050 χ^2 /NDF: 1571258.4/19

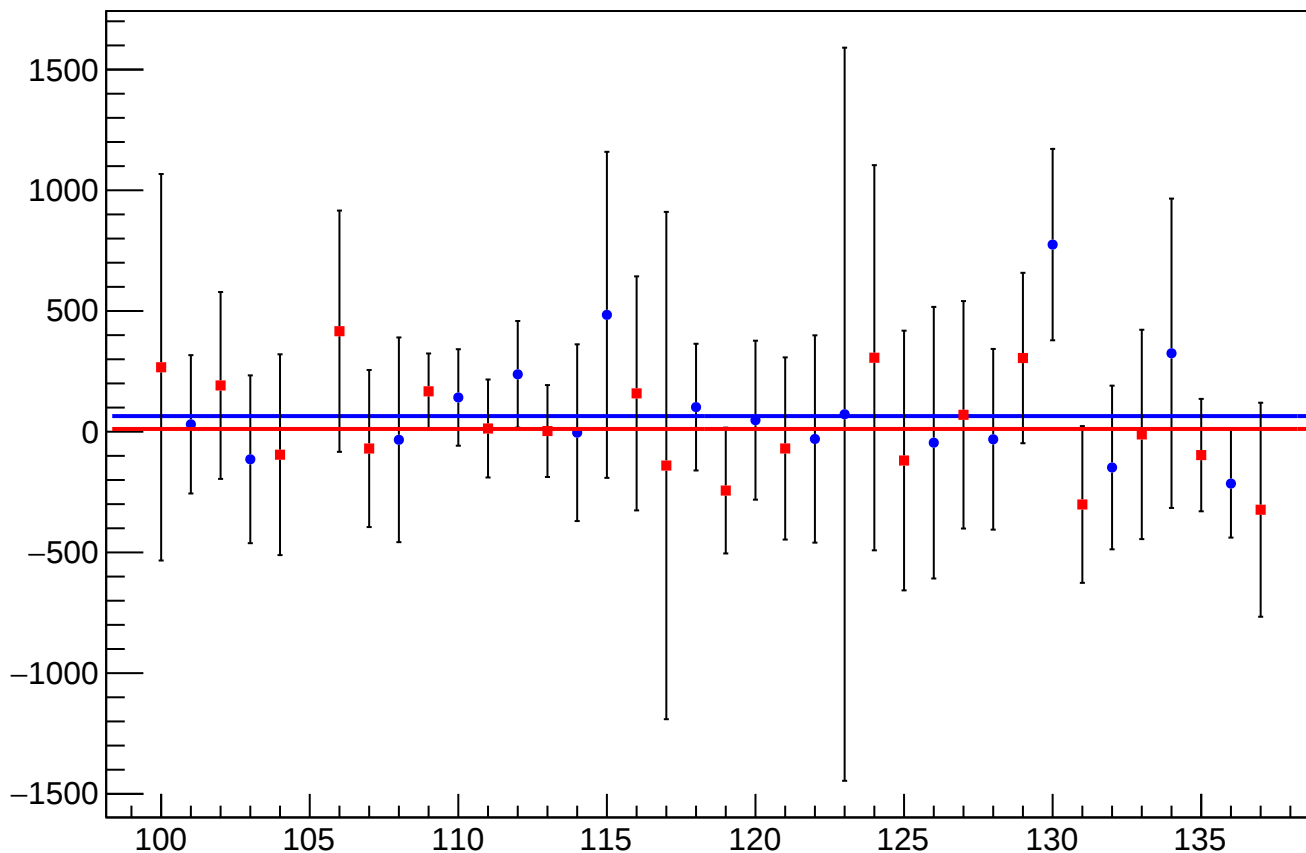
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.496 $\pm$ 0.056 χ^2 /NDF: 1008514.7/16

182.621 $\pm$ 0.037 χ^2 /NDF: 2659557.4/36

173.317 $\pm$ 0.050 χ^2 /NDF: 1571258.4/19

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: 11.414+/-70.204 χ^2/NDF : 5.8/19

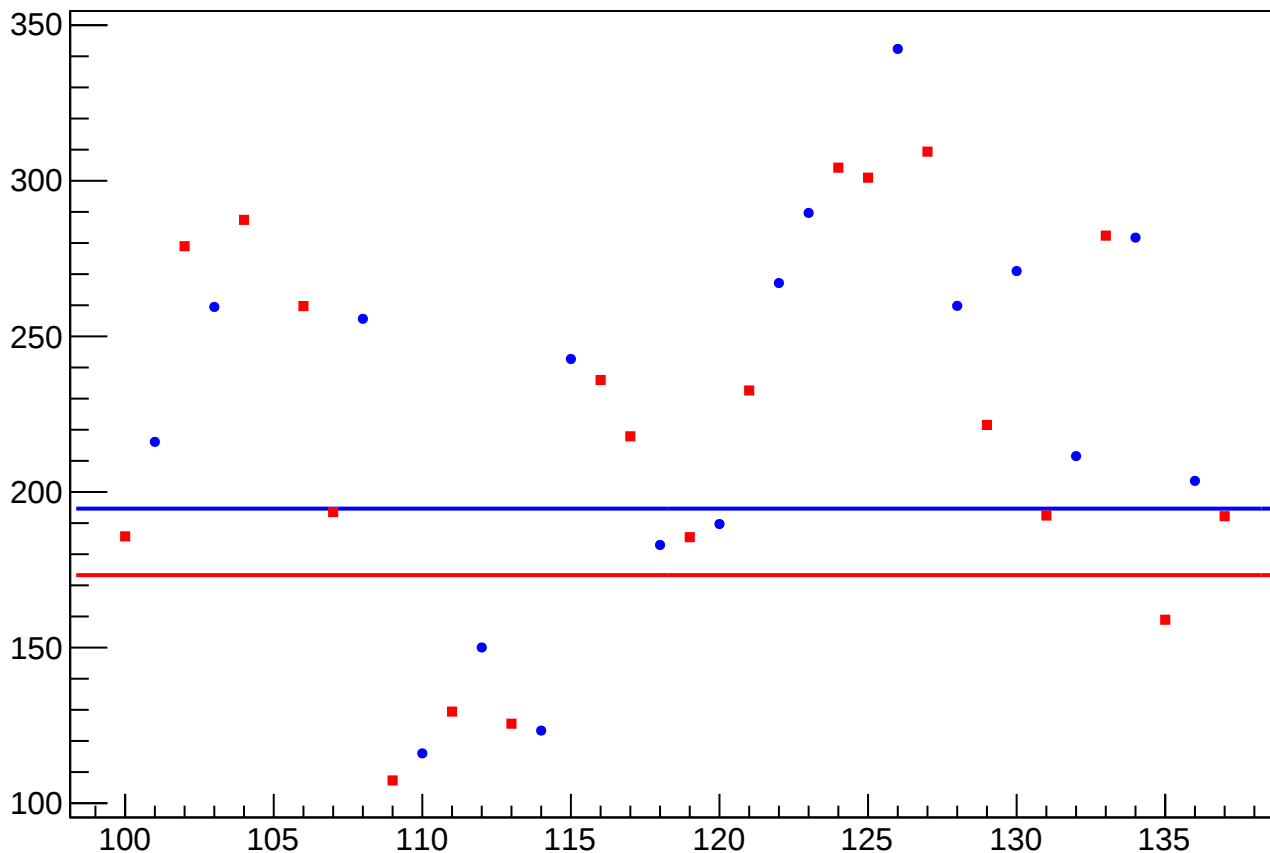
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.733+/-79.399 χ^2/NDF : 7.0/16

34.809+/-52.593 χ^2/NDF : 13.1/36

11.414+/-70.204 χ^2/NDF : 5.8/19

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: 173.289+/-0.050 χ^2/NDF : 1548162.6/19

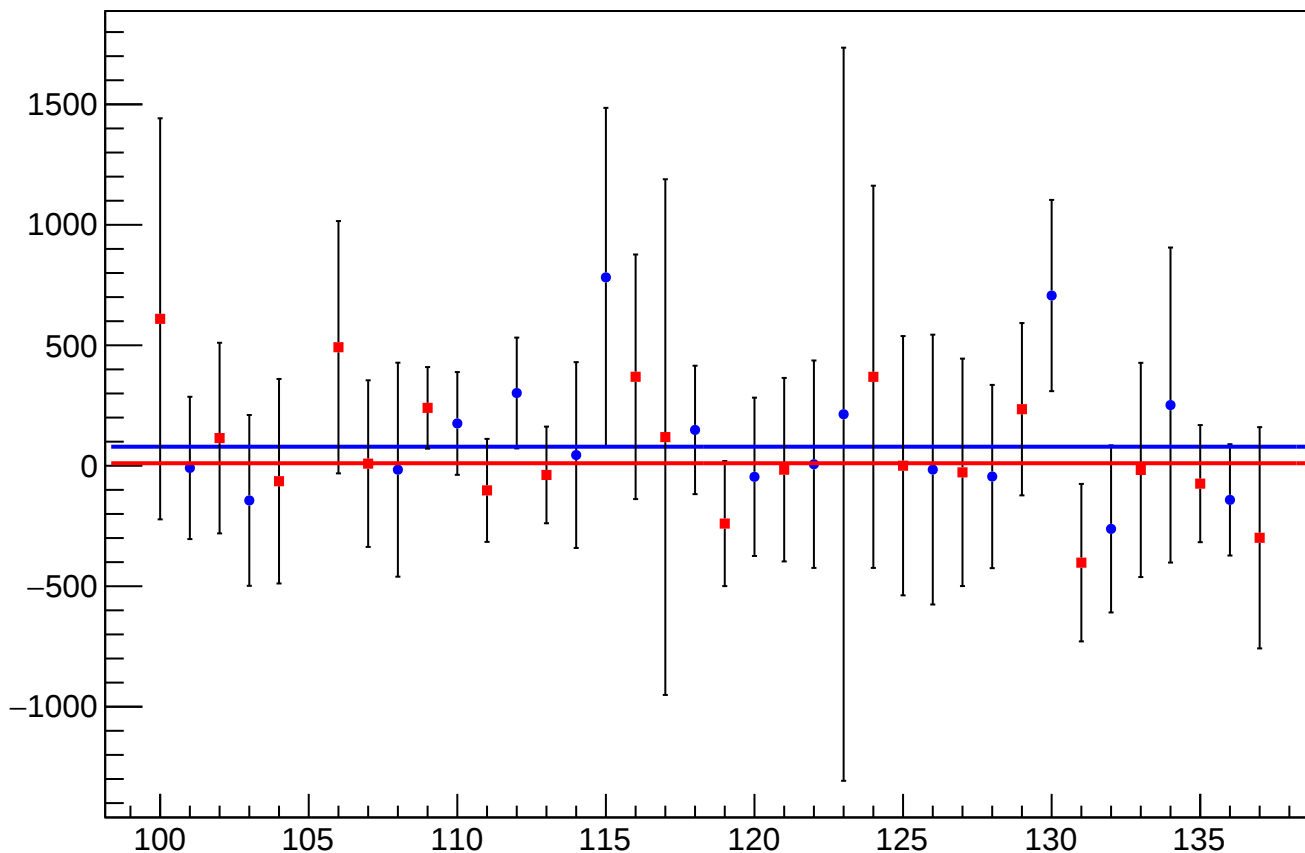
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

194.652+/-0.056 χ^2/NDF : 986798.9/16

182.662+/-0.037 χ^2/NDF : 2616219.6/36

173.289+/-0.050 χ^2/NDF : 1548162.6/19

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 79.128+/-81.874 χ^2/NDF : 7.5/16

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

Right Out: 10.491+/-73.139 χ^2/NDF : 7.9/19

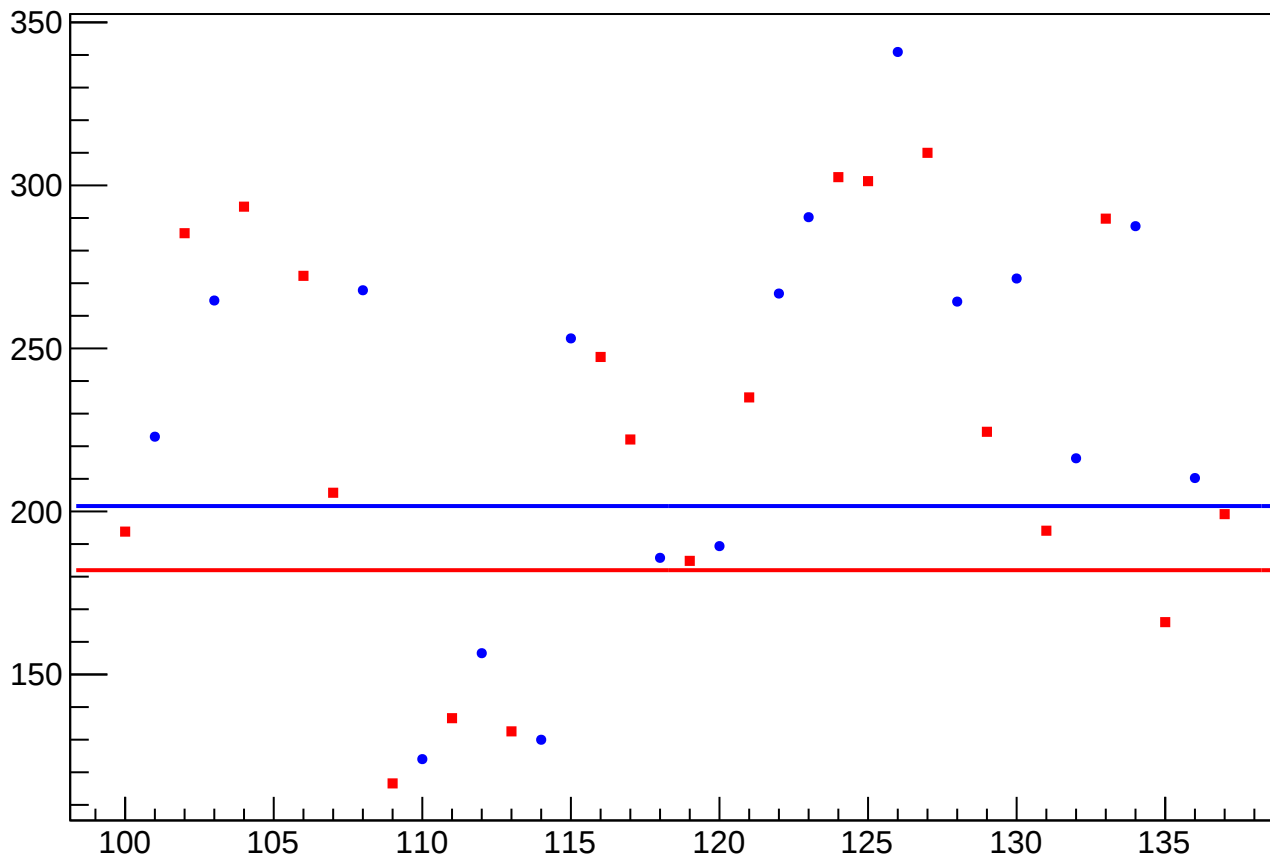
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

79.128+/-81.874 χ^2/NDF : 7.5/16

40.954+/-54.545 χ^2/NDF : 15.8/36

10.491+/-73.139 χ^2/NDF : 7.9/19

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: 181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

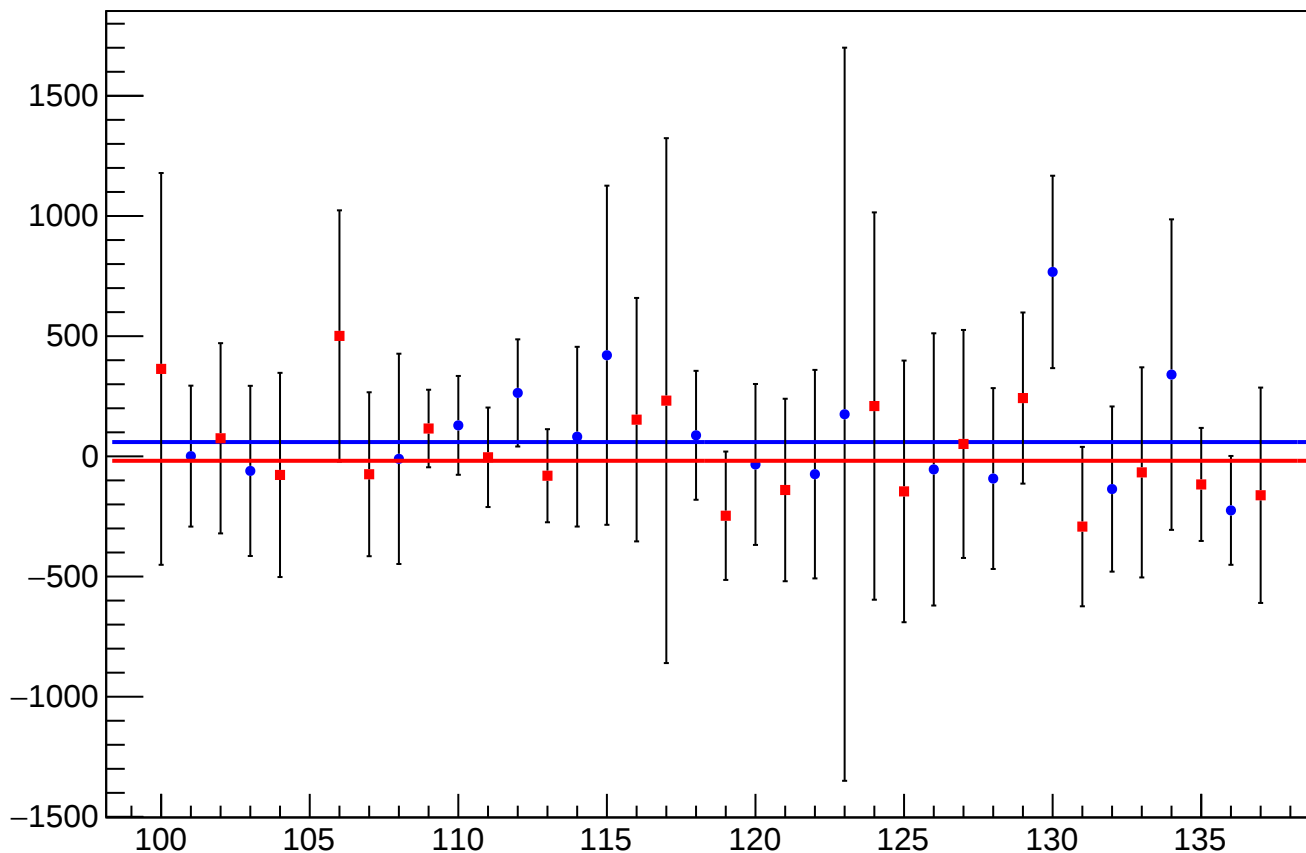
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

190.715 $\pm$ 0.039 χ^2 /NDF: 2327643.1/36

181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

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: -18.457+/-71.711 χ^2/NDF : 4.8/19

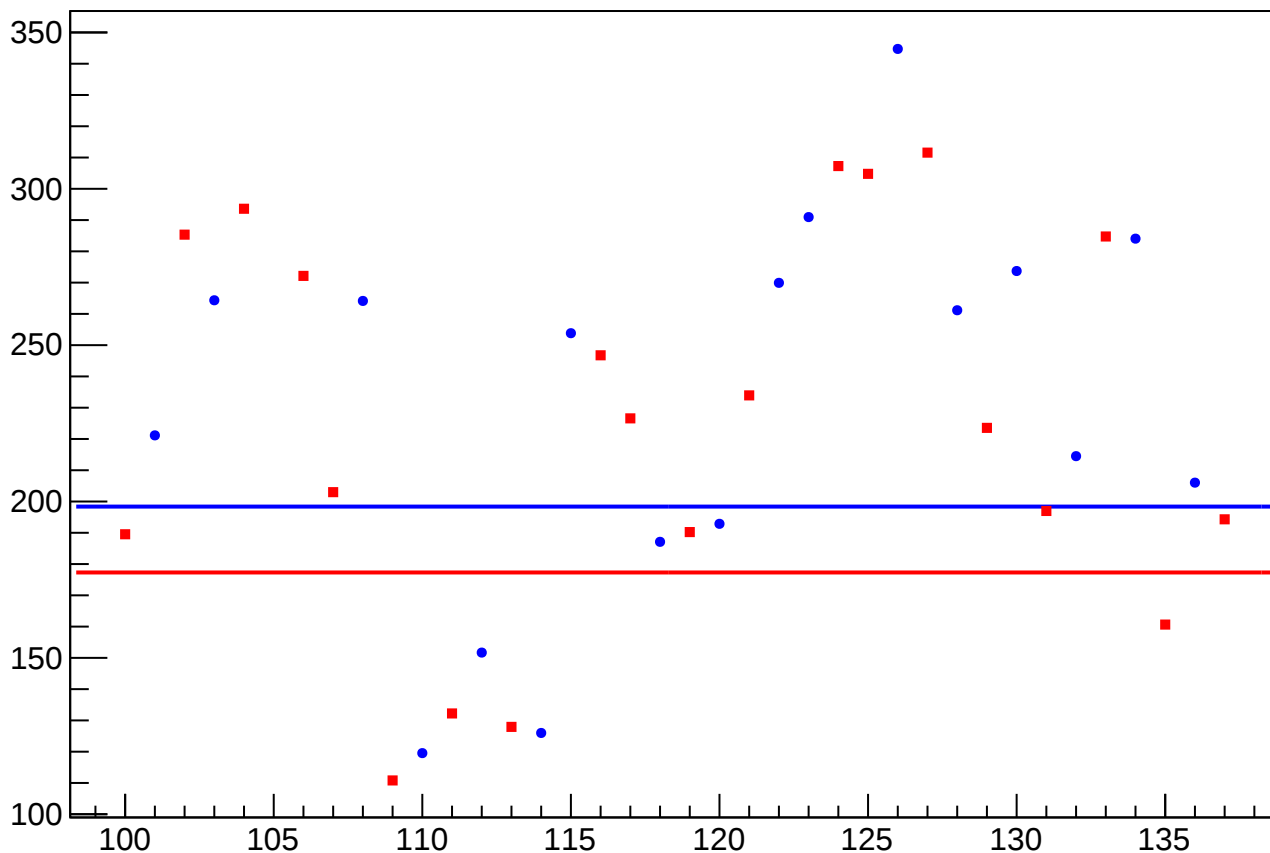
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.496+/-80.808 χ^2/NDF : 7.0/16

15.886+/-53.637 χ^2/NDF : 12.3/36

-18.457+/-71.711 χ^2/NDF : 4.8/19

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378+/-0.057 χ^2/NDF : 963672.6/16

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

Right Out: 177.309+/-0.051 χ^2/NDF : 1528855.2/19

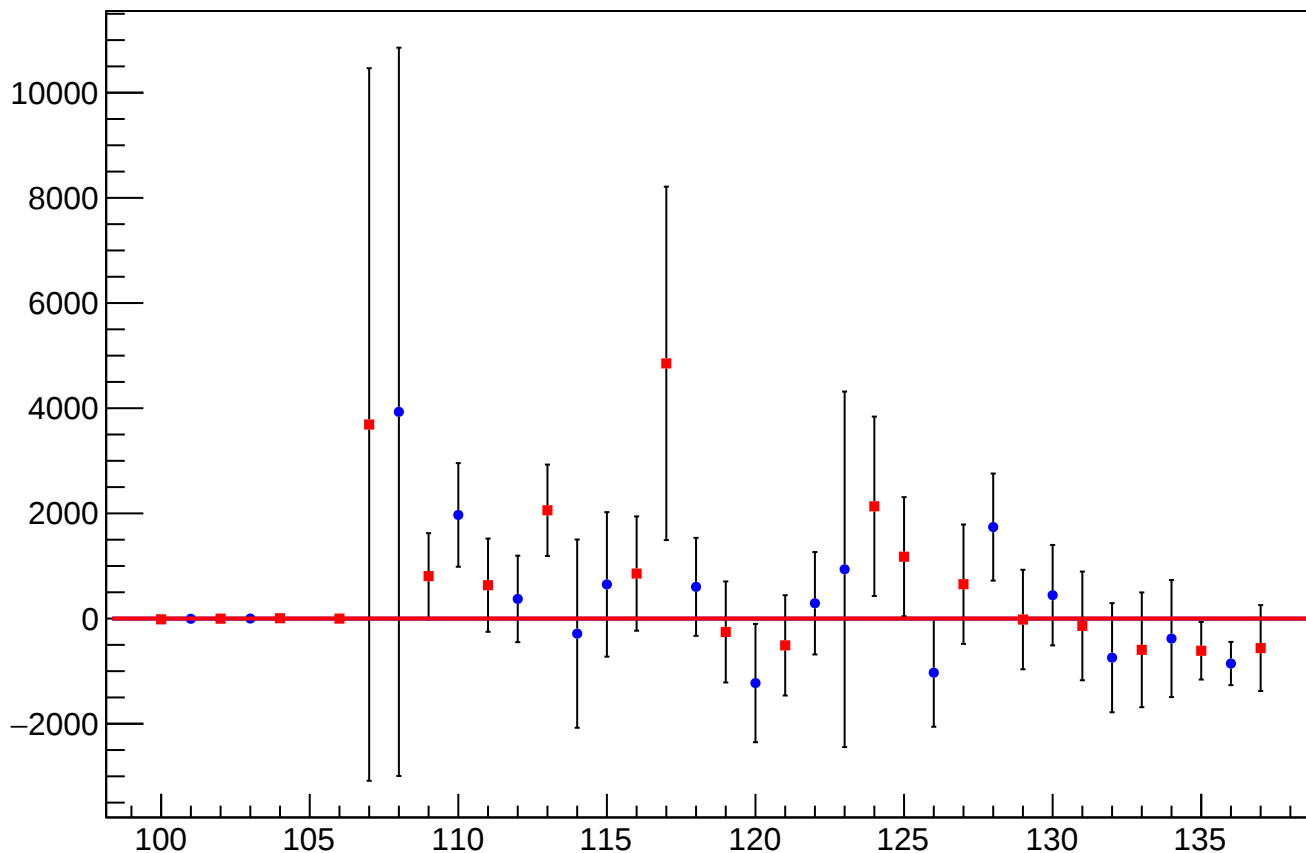
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.378+/-0.057 χ^2/NDF : 963672.6/16

186.592+/-0.038 χ^2/NDF : 2568586.5/36

177.309+/-0.051 χ^2/NDF : 1528855.2/19

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: 0.728+/-2.111 χ^2/NDF : 21.4/19

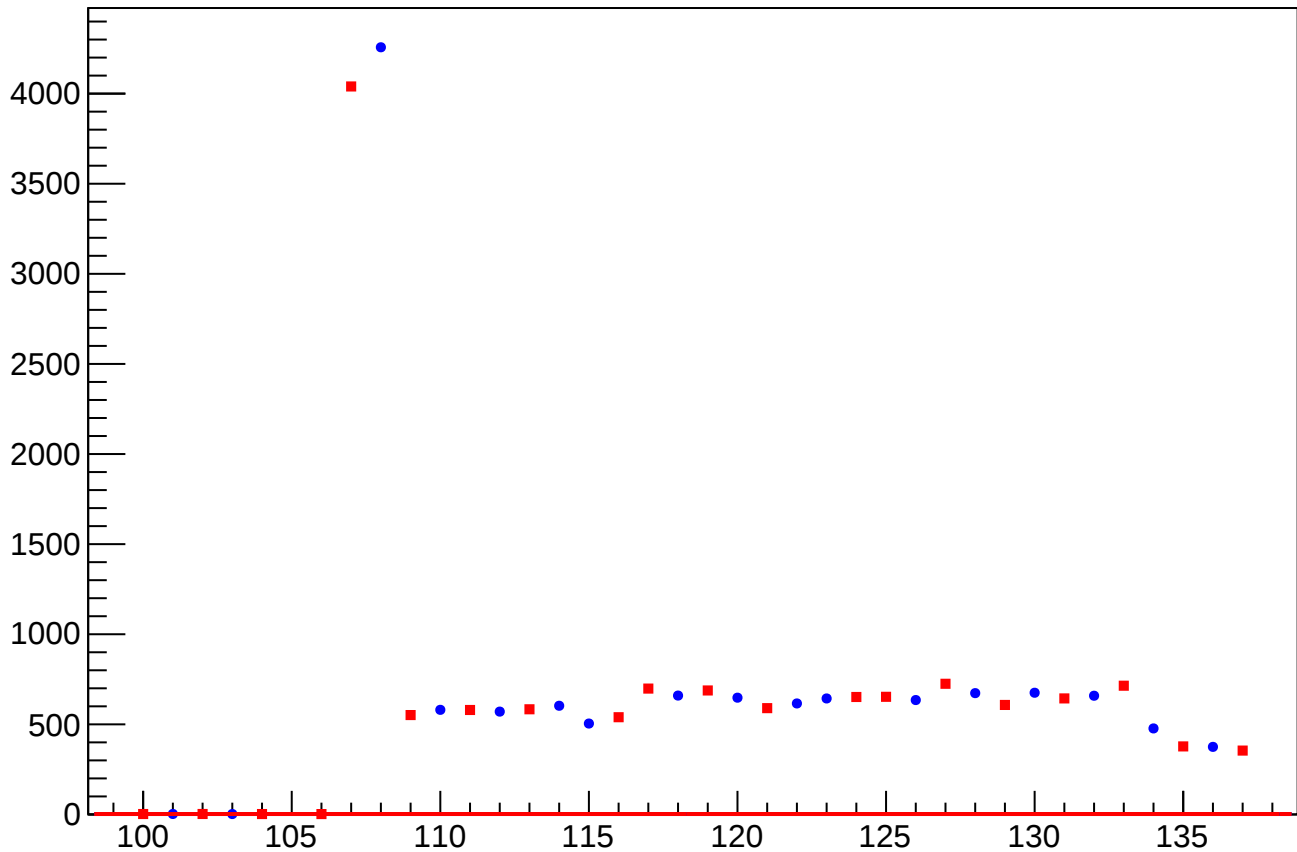
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.529+/-2.251 χ^2/NDF : 17.0/16

-0.328+/-1.540 χ^2/NDF : 38.9/36

0.728+/-2.111 χ^2/NDF : 21.4/19

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: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

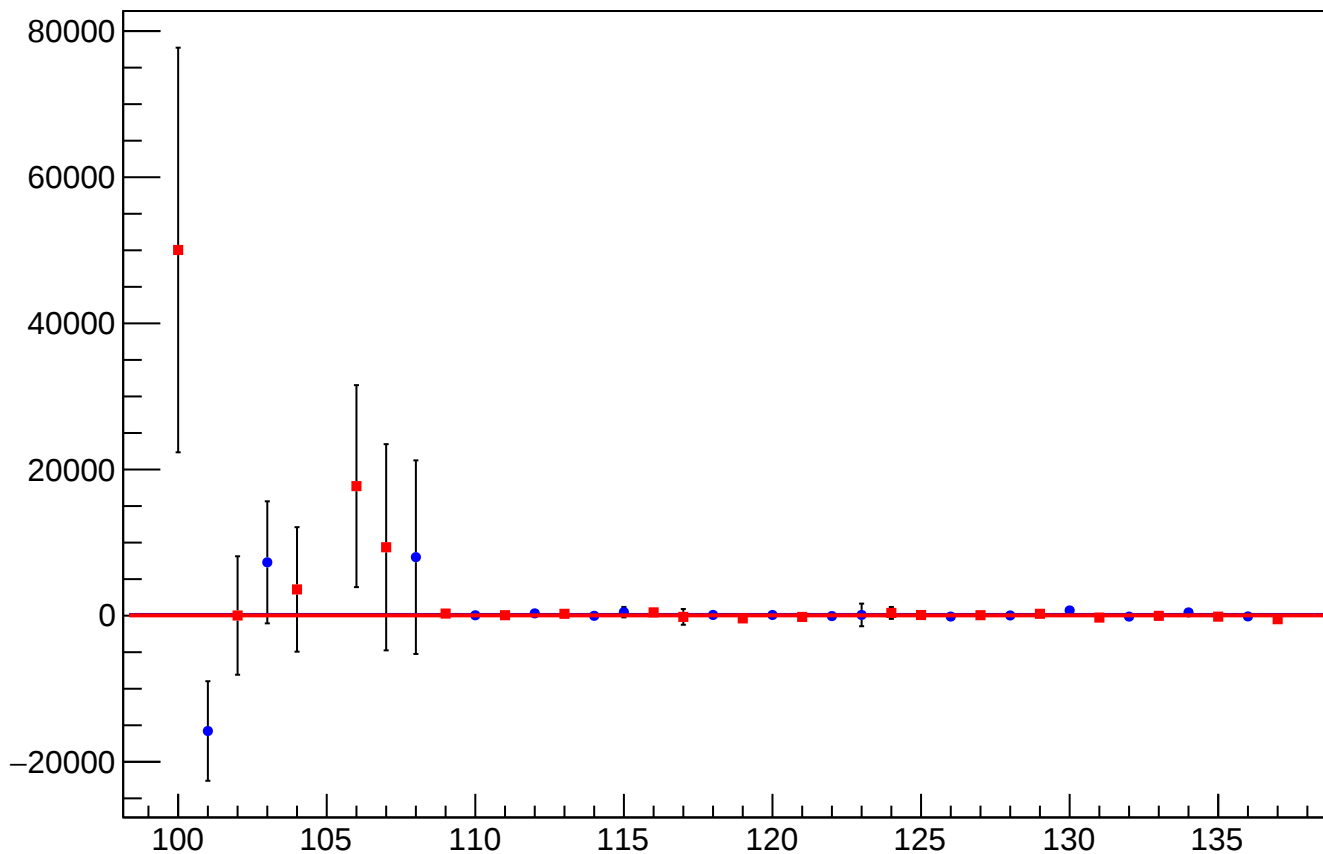
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.457+/-0.002 χ^2/NDF : 10847802.4/16

2.446+/-0.001 χ^2/NDF : 22081091.3/36

2.437+/-0.001 χ^2/NDF : 11233207.9/19

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: 41.024+/-84.237 χ^2/NDF : 13.9/19

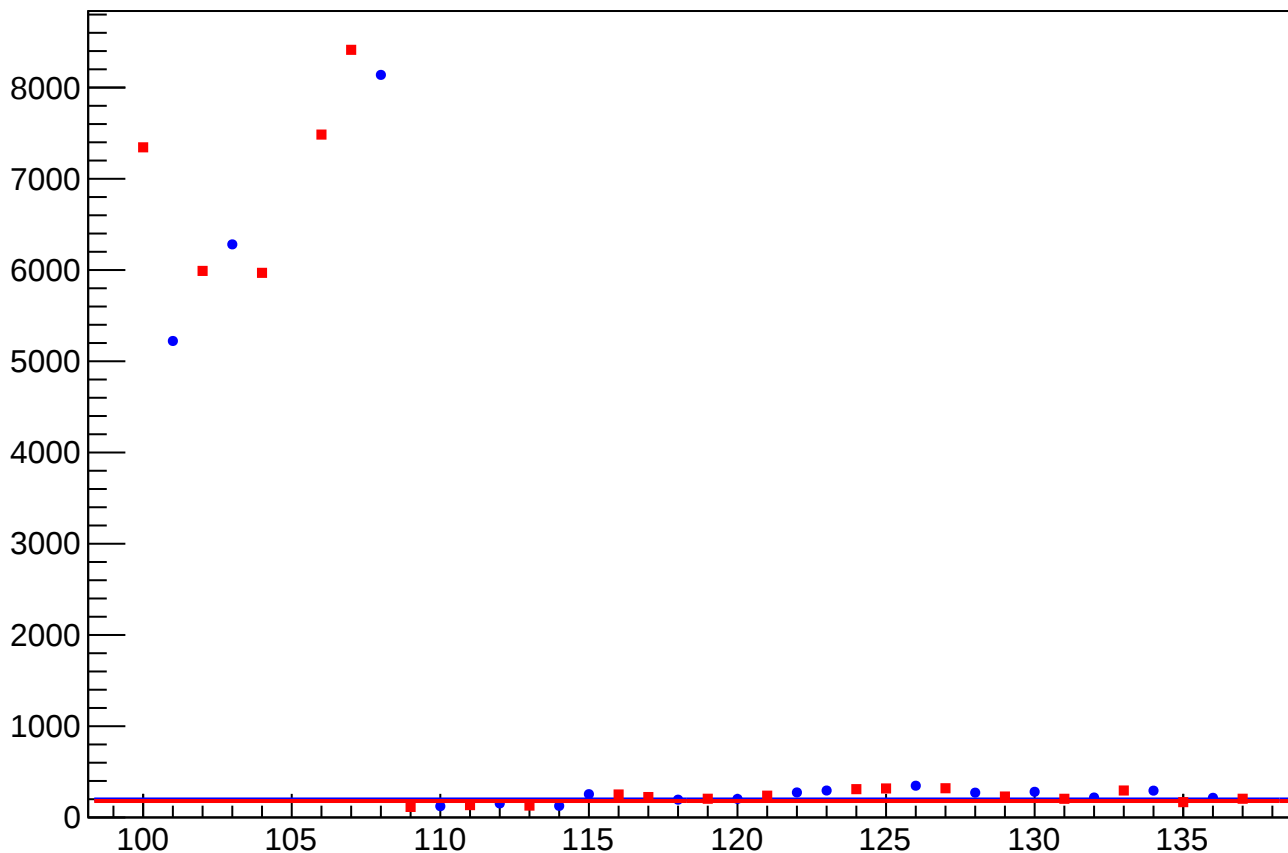
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.643+/-90.860 χ^2/NDF : 11.9/16

67.657+/-61.773 χ^2/NDF : 26.0/36

41.024+/-84.237 χ^2/NDF : 13.9/19

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086+/-0.064 χ^2/NDF : 3693614.0/16

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

Right Out: 180.217+/-0.060 χ^2/NDF : 4324457.3/19

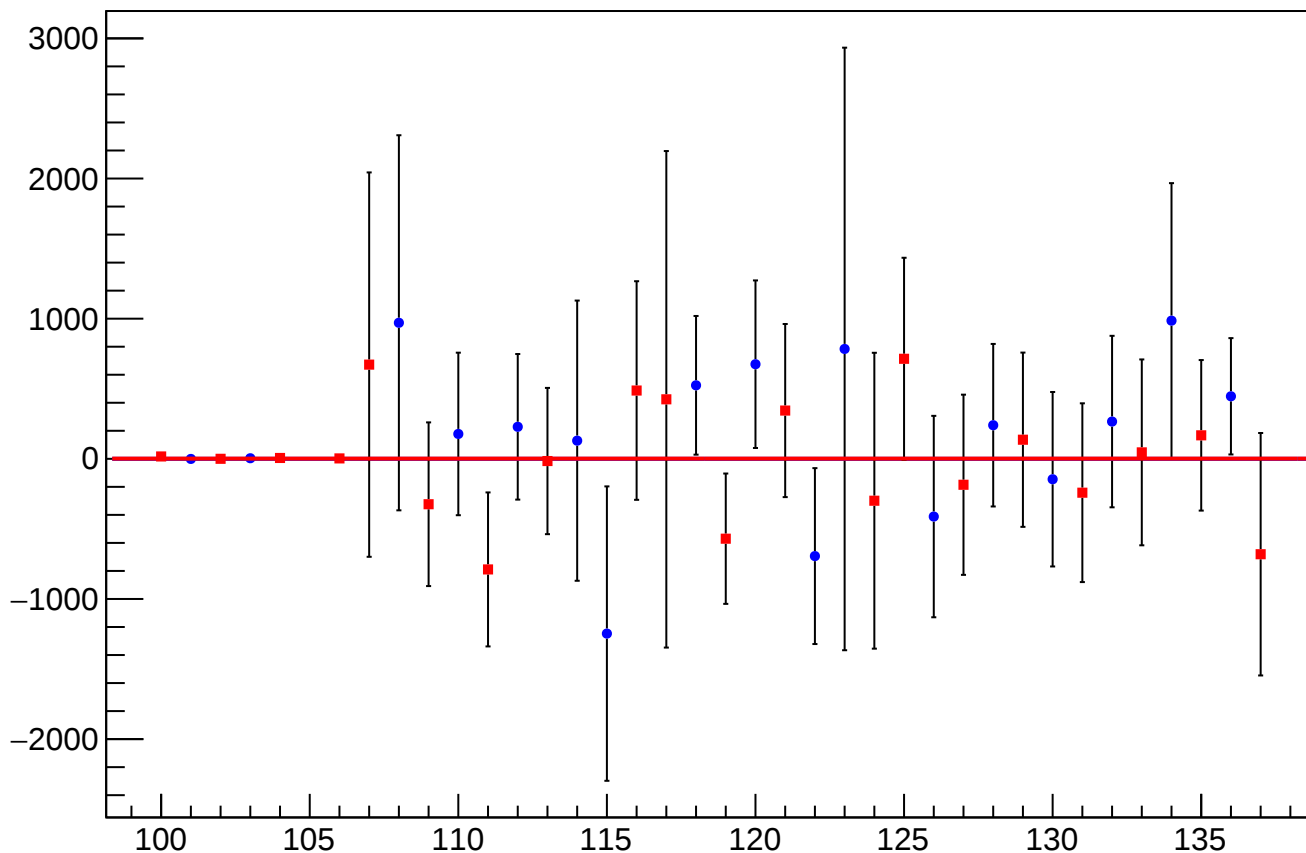
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.086+/-0.064 χ^2/NDF : 3693614.0/16

188.014+/-0.044 χ^2/NDF : 8055142.3/36

180.217+/-0.060 χ^2/NDF : 4324457.3/19

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: 1.324+/-1.623 χ^2/NDF : 9.7/19

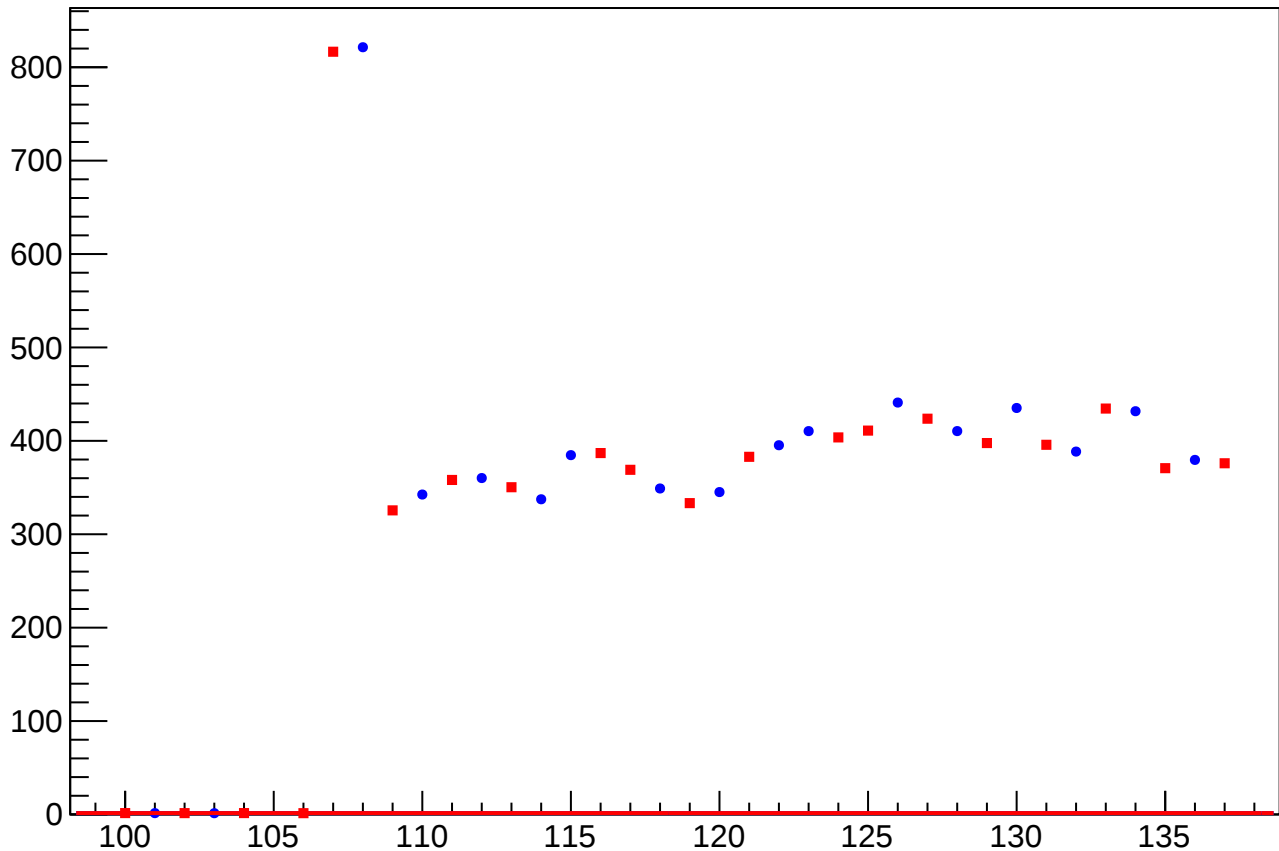
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.138+/-1.737 χ^2/NDF : 9.7/16

0.642+/-1.186 χ^2/NDF : 19.8/36

1.324+/-1.623 χ^2/NDF : 9.7/19

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: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

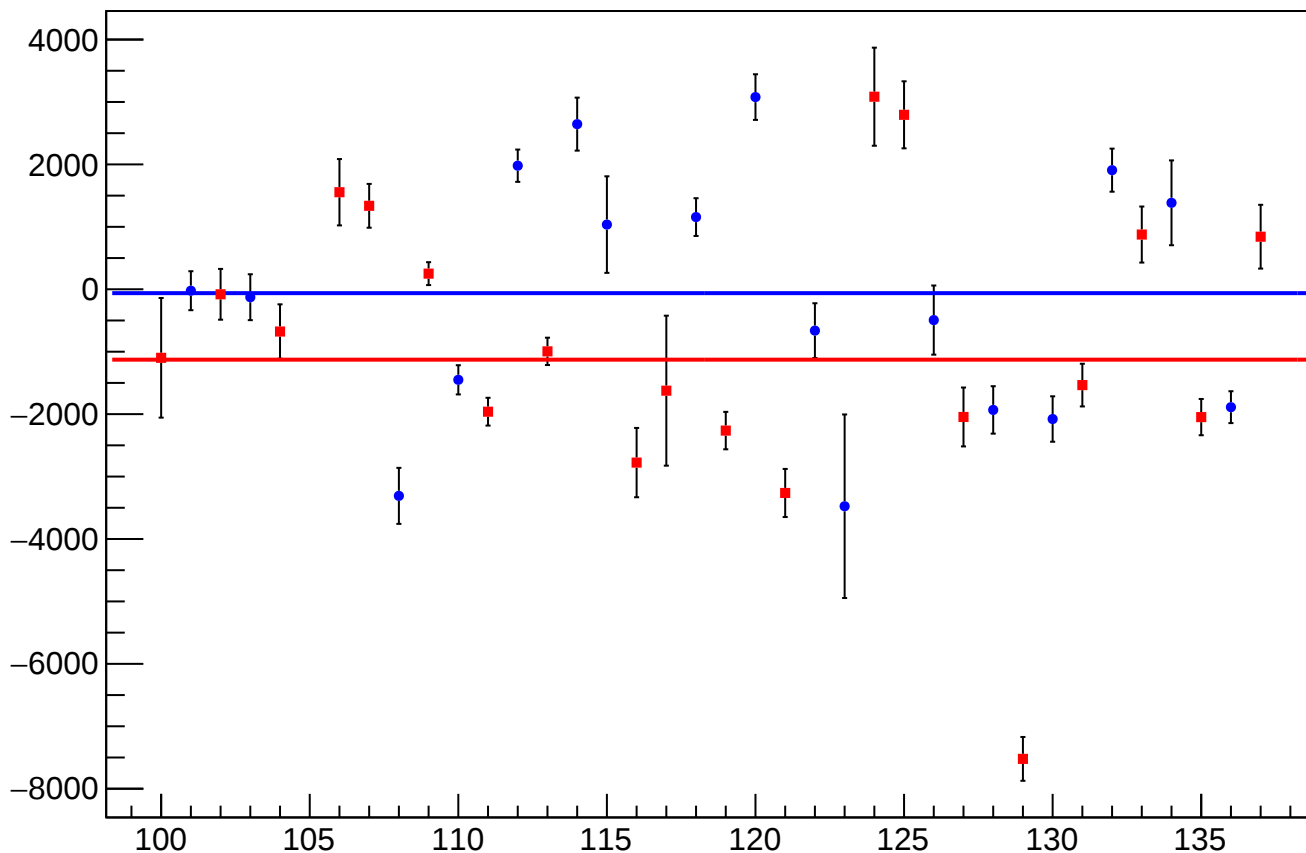
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.453+/-0.001 χ^2/NDF : 10957986.8/16

1.452+/-0.001 χ^2/NDF : 21924820.2/36

1.451+/-0.001 χ^2/NDF : 10966832.6/19

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -62.164 $\pm$ 87.424 χ^2 /NDF: 433.9/16

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

Right Out: -1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

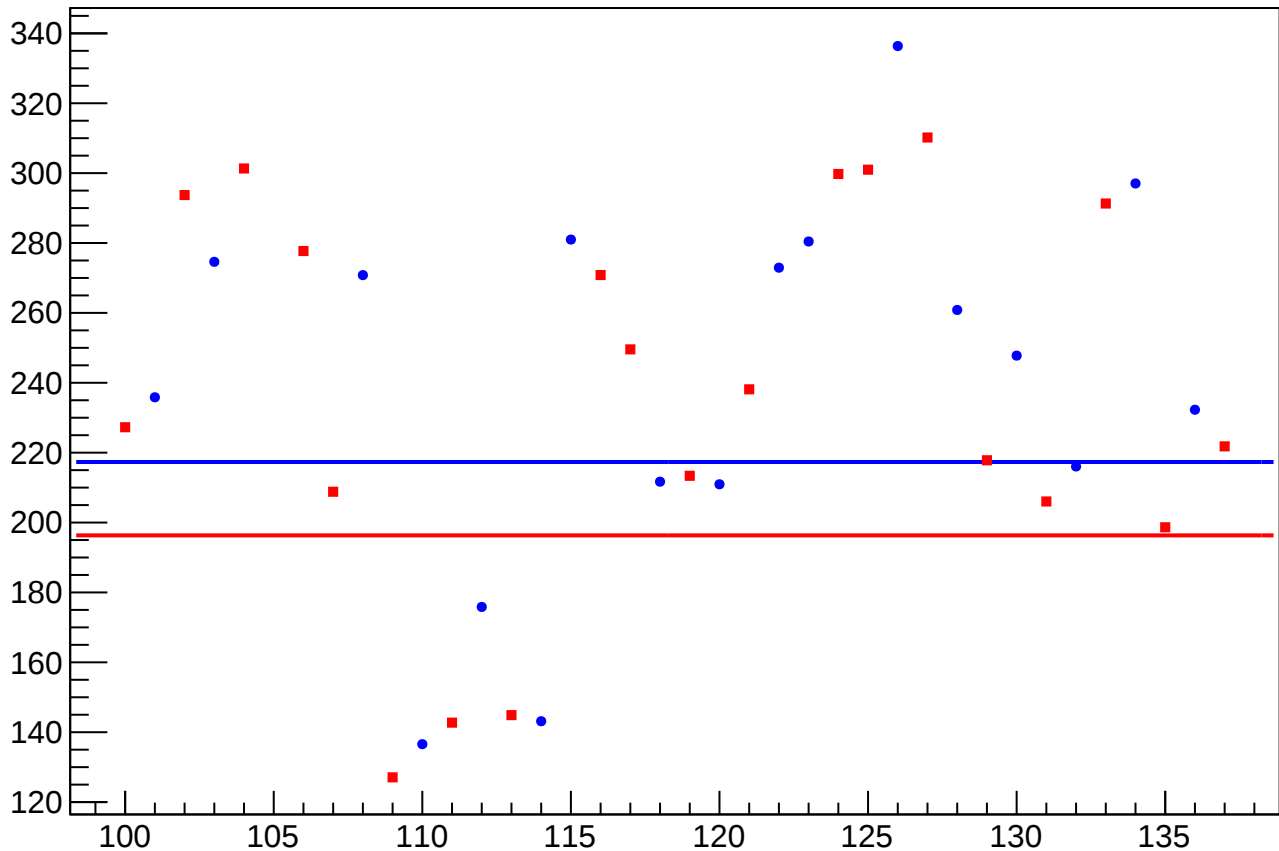
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-62.164 $\pm$ 87.424 χ^2 /NDF: 433.9/16

-653.985 $\pm$ 58.286 χ^2 /NDF: 1187.8/36

-1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330 $\pm$ 0.062 χ^2 /NDF: 652722.5/16

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

Right Out: 196.332 $\pm$ 0.055 χ^2 /NDF: 1194678.0/19

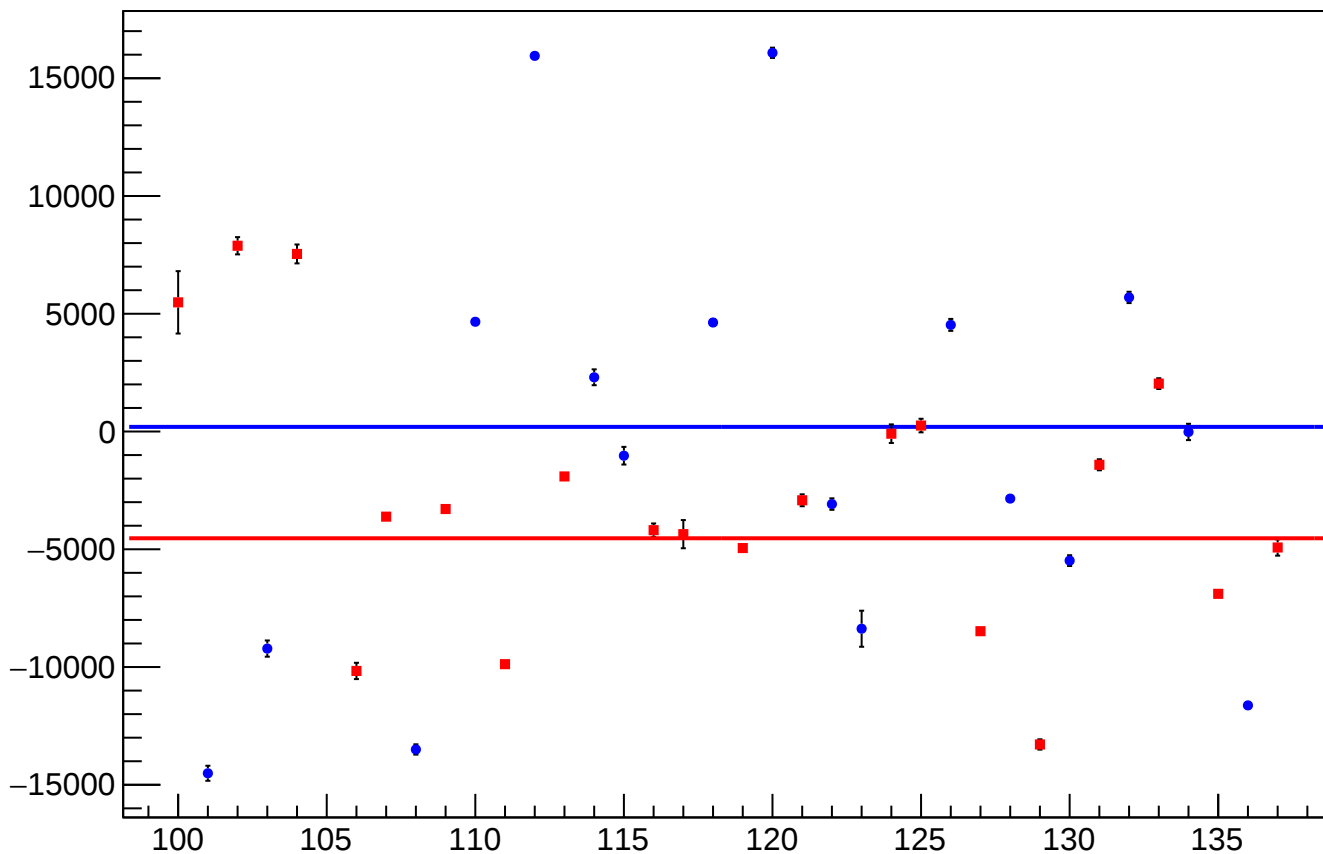
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

217.330 $\pm$ 0.062 χ^2 /NDF: 652722.5/16

205.666 $\pm$ 0.041 χ^2 /NDF: 1911493.8/36

196.332 $\pm$ 0.055 χ^2 /NDF: 1194678.0/19

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: -4532.856+/-52.261 χ^2/NDF : 7477.3/19

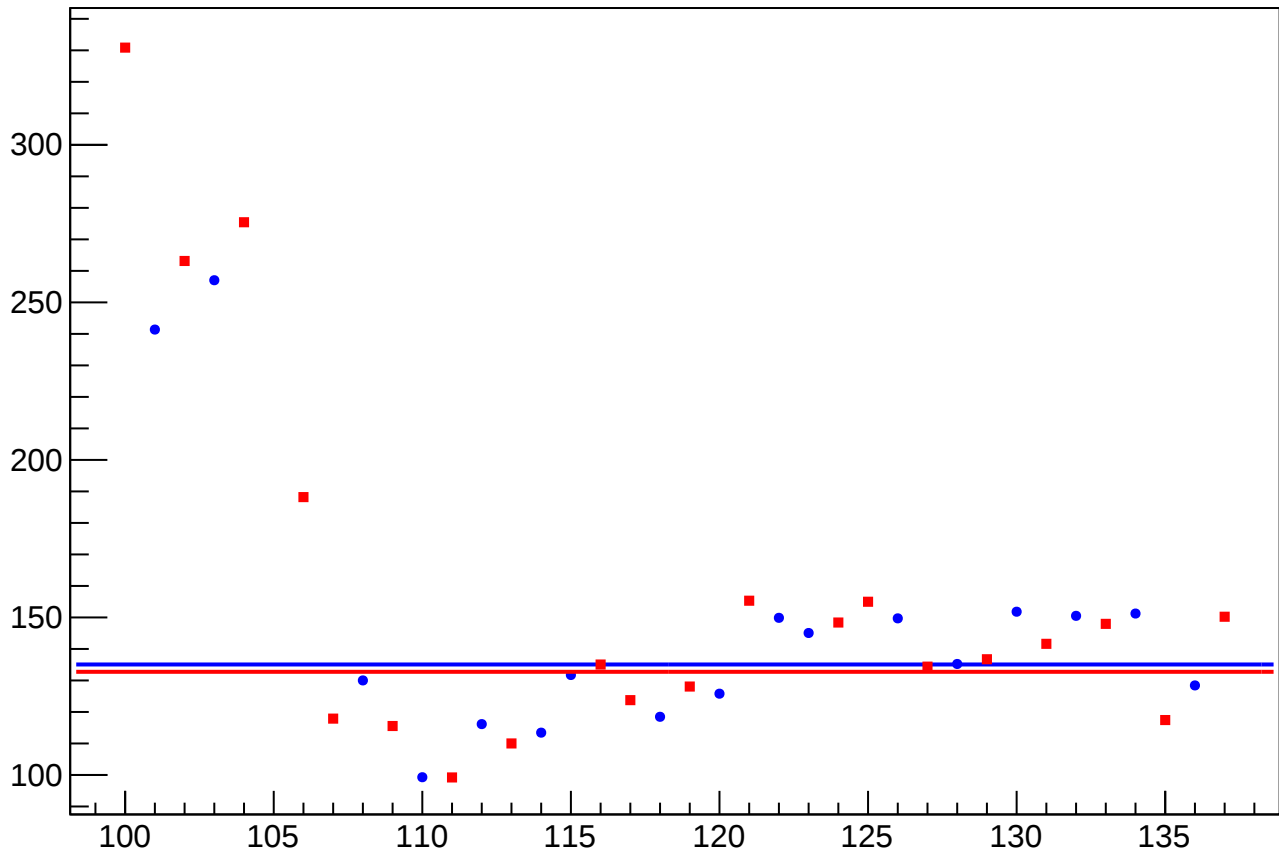
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.008+/-54.799 χ^2/NDF : 30658.3/16

-2279.966+/-37.819 χ^2/NDF : 42037.1/36

-4532.856+/-52.261 χ^2/NDF : 7477.3/19

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072+/-0.039 χ^2/NDF : 658703.5/16

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

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

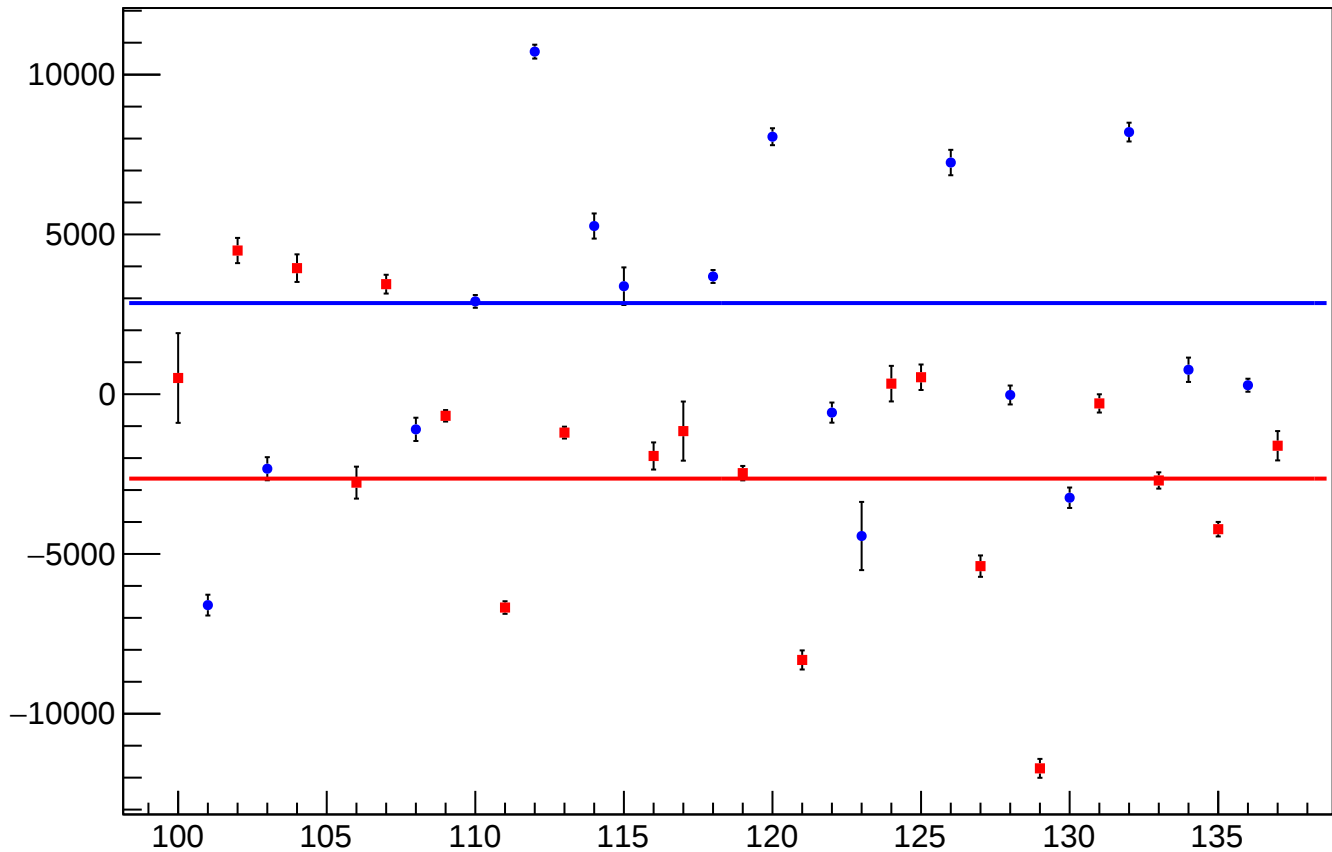
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.072+/-0.039 χ^2/NDF : 658703.5/16

133.854+/-0.027 χ^2/NDF : 1492235.7/36

132.747+/-0.037 χ^2/NDF : 831647.2/19

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: -2641.642+/-65.566 χ^2/NDF : 3178.3/19

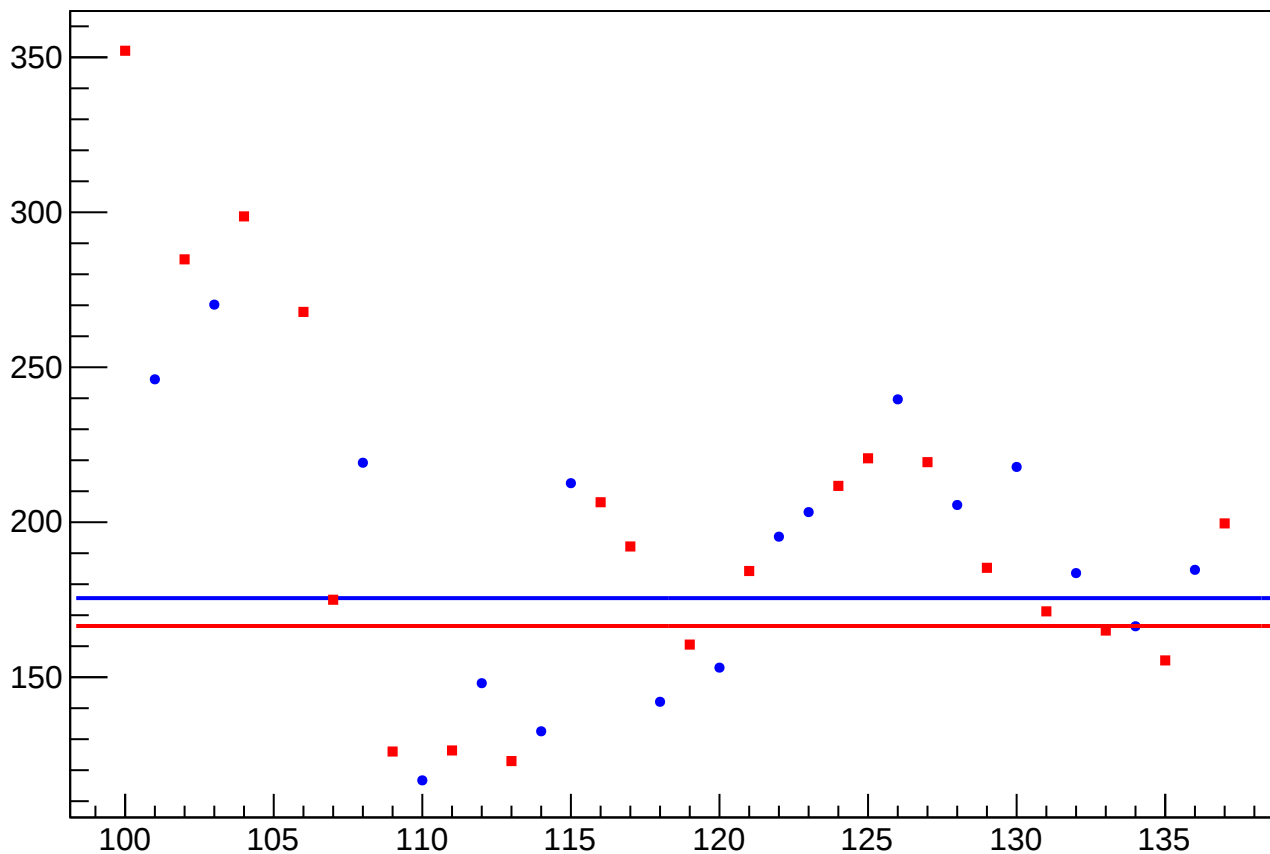
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2851.437+/-70.753 χ^2/NDF : 4178.1/16

-103.846+/-48.091 χ^2/NDF : 10599.2/36

-2641.642+/-65.566 χ^2/NDF : 3178.3/19

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: 166.522+/-0.046 χ^2/NDF : 931079.9/19

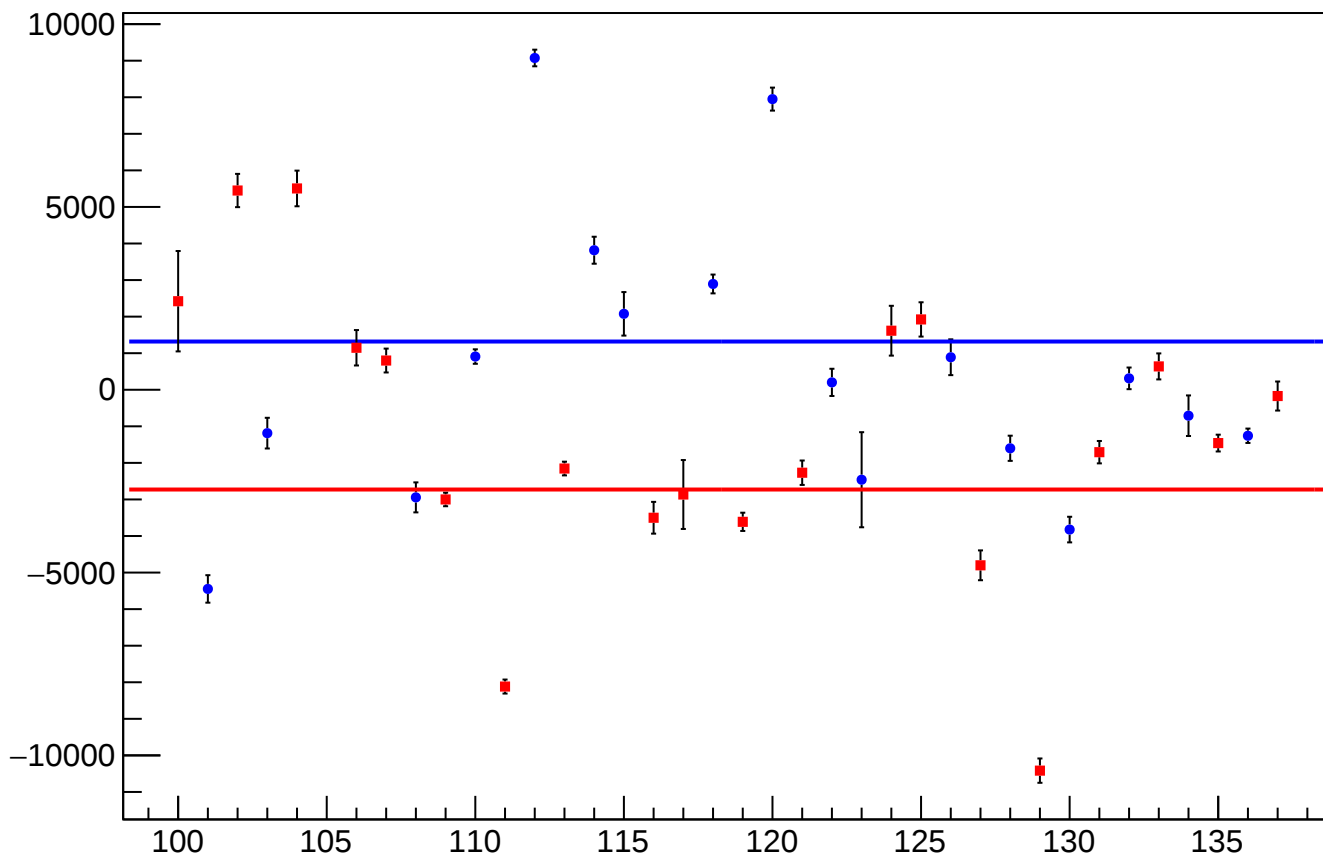
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.514+/-0.050 χ^2/NDF : 689642.3/16

170.677+/-0.034 χ^2/NDF : 1638101.1/36

166.522+/-0.046 χ^2/NDF : 931079.9/19

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: -2728.550+/-69.837 χ^2/NDF : 2495.9/19

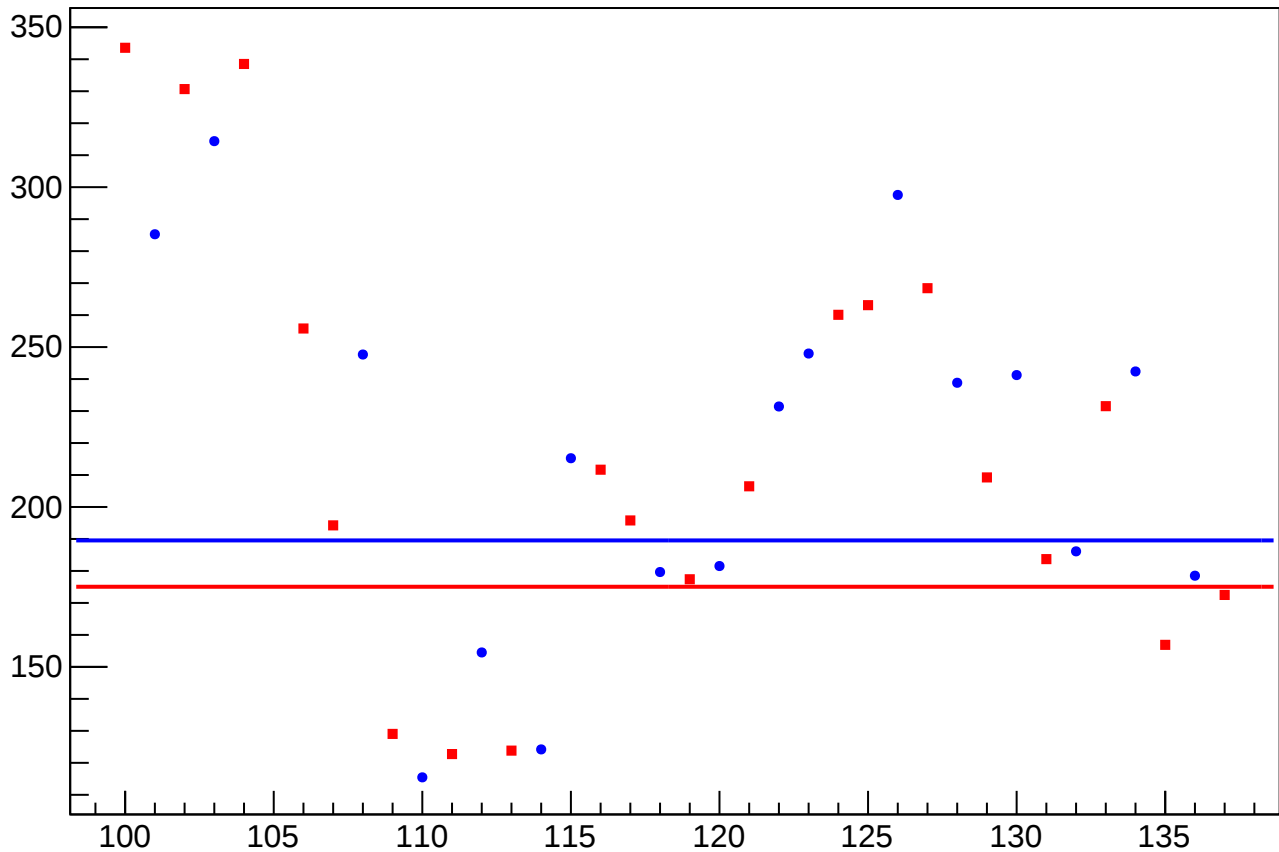
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1319.009+/-77.146 χ^2/NDF : 2667.0/16

-905.543+/-51.774 χ^2/NDF : 6675.9/36

-2728.550+/-69.837 χ^2/NDF : 2495.9/19

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: 175.058+/-0.049 χ^2/NDF : 1298079.7/19

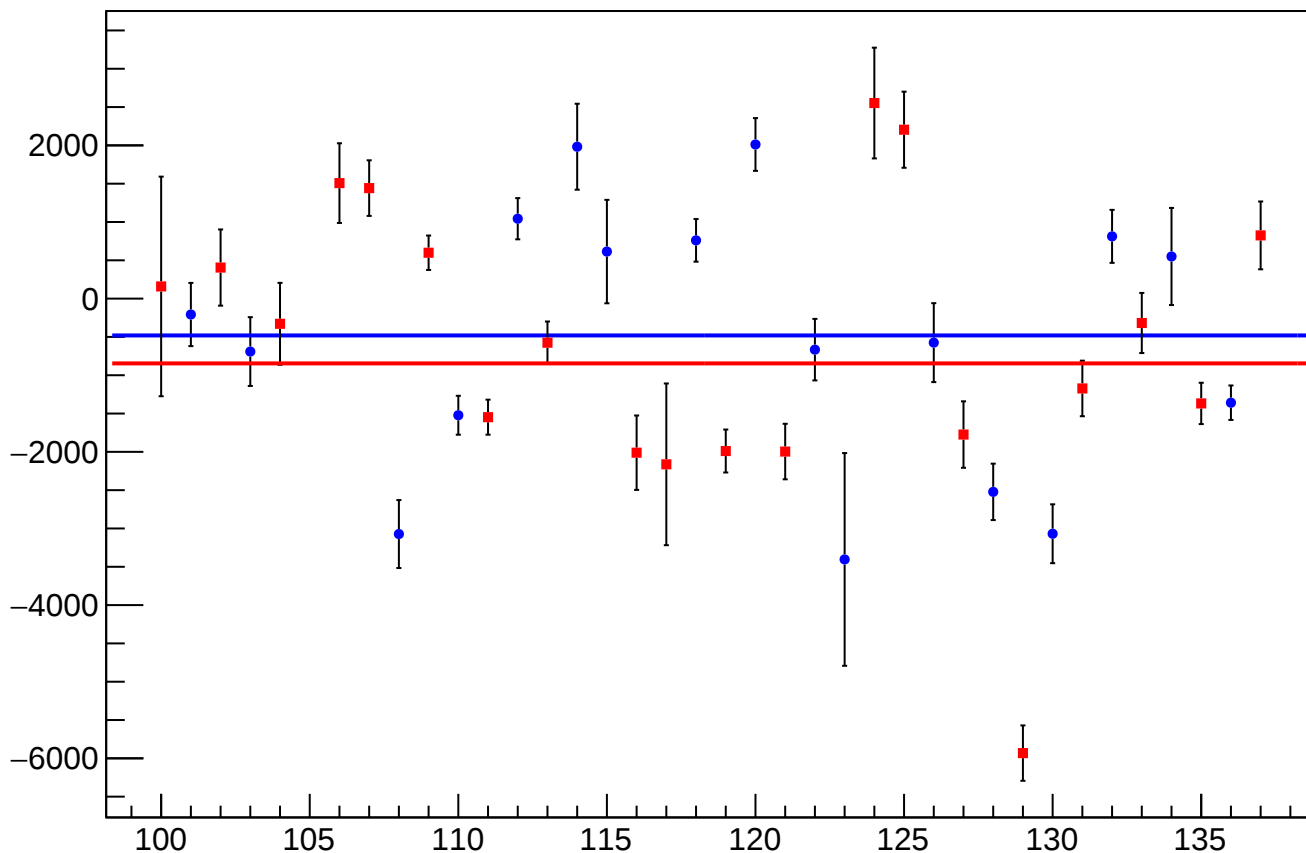
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.544+/-0.055 χ^2/NDF : 980744.6/16

181.583+/-0.037 χ^2/NDF : 2317583.5/36

175.058+/-0.049 χ^2/NDF : 1298079.7/19

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: -845.444+/-81.995 χ^2/NDF : 436.9/19

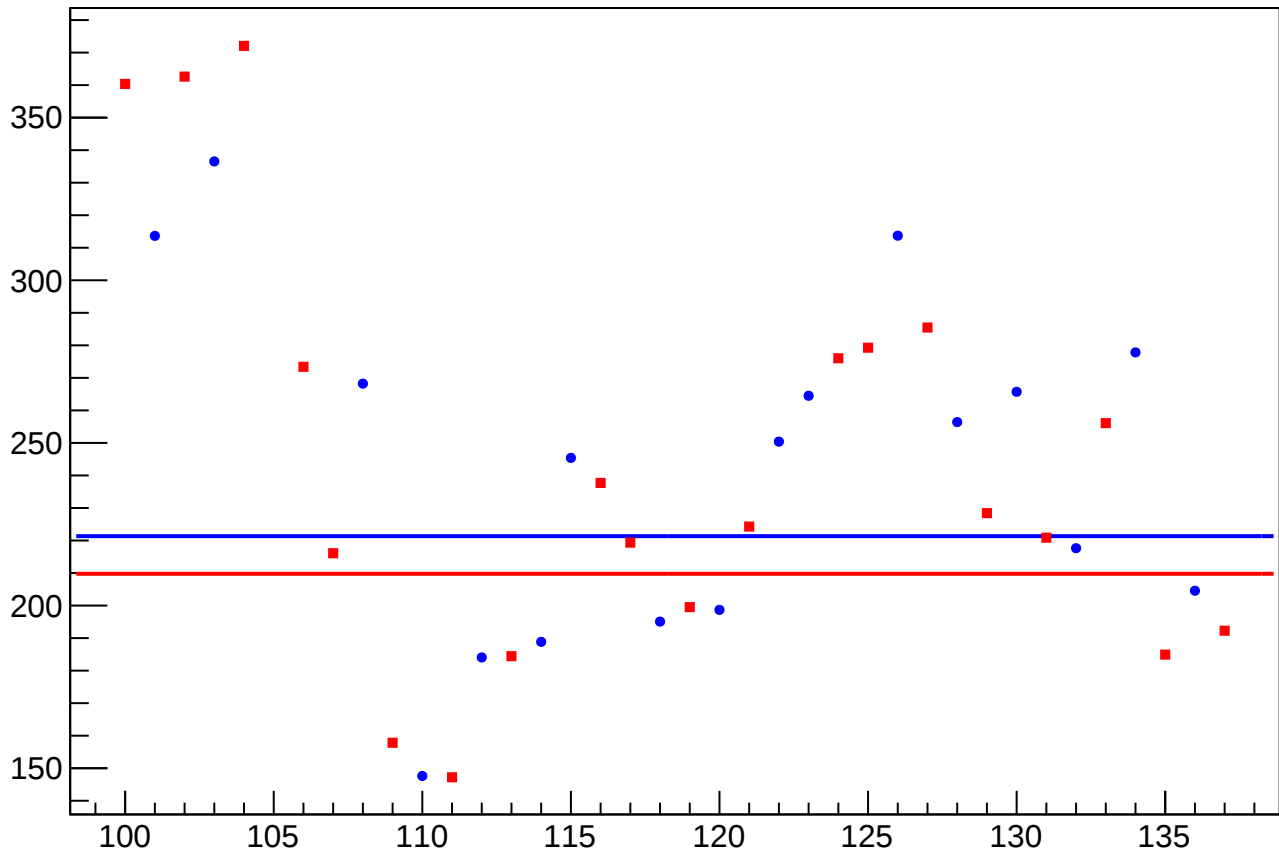
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-480.578+/-88.640 χ^2/NDF : 290.7/16

-677.200+/-60.191 χ^2/NDF : 736.7/36

-845.444+/-81.995 χ^2/NDF : 436.9/19

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: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

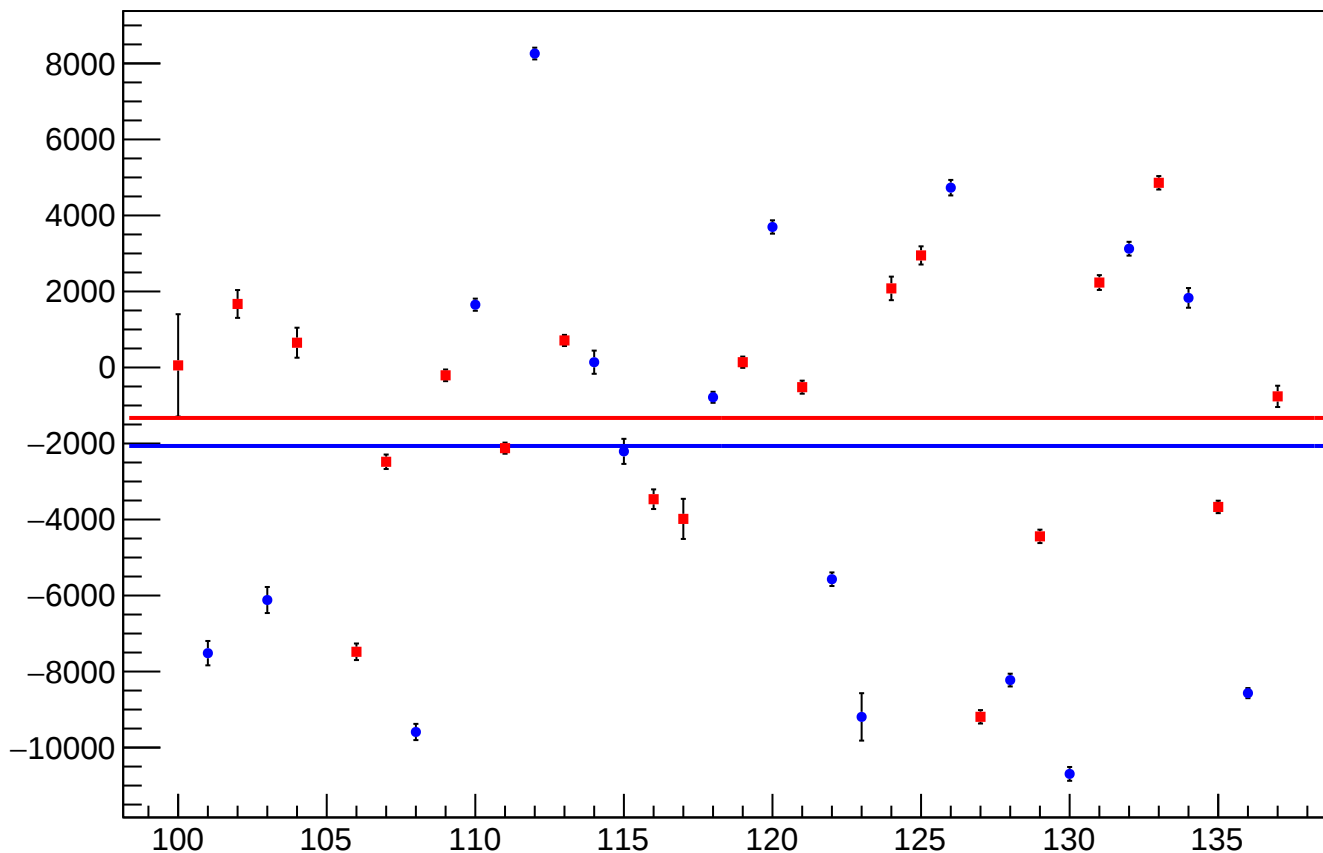
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

215.109 $\pm$ 0.043 χ^2 /NDF: 1548125.9/36

209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

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: -1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

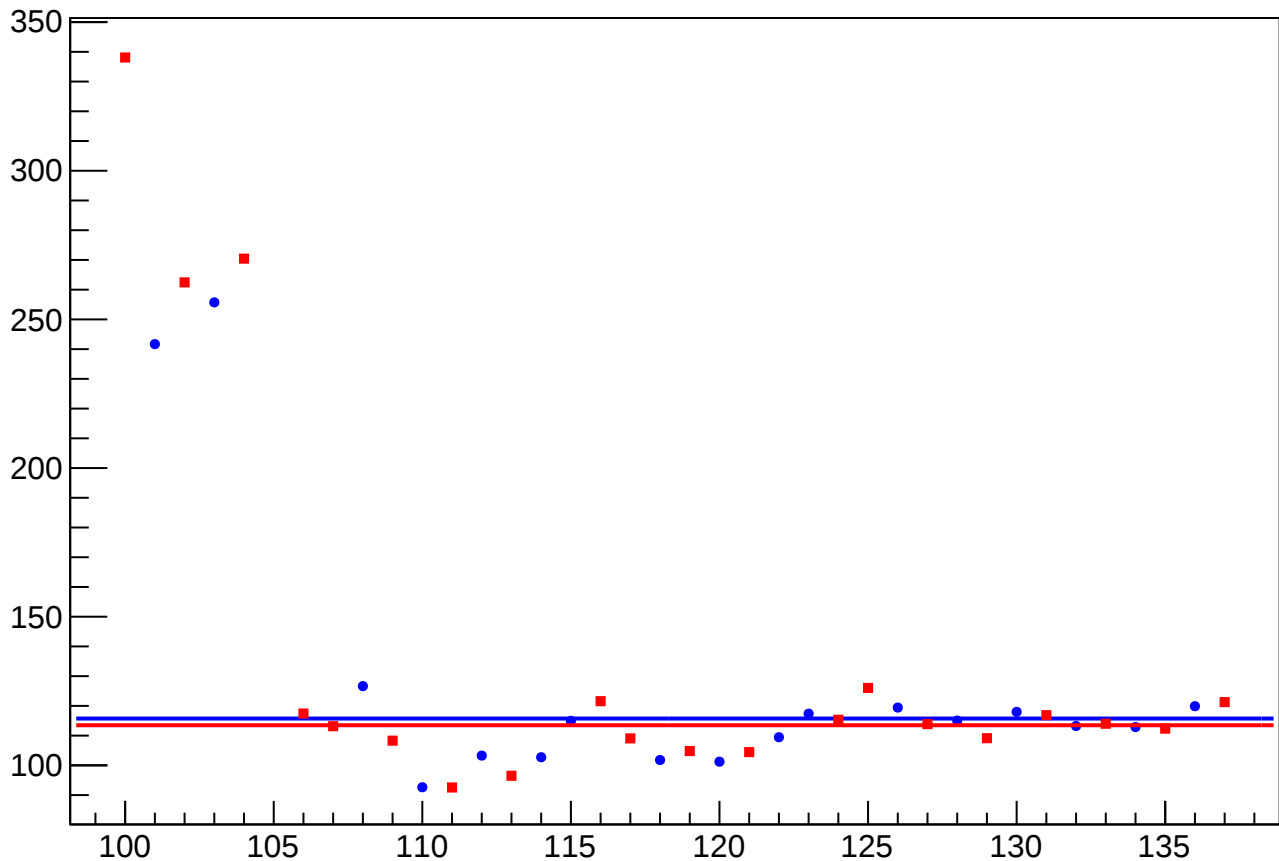
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2065.160 ± 47.322 $\chi^2/\text{NDF}: 16533.3/16$

-1676.632 ± 32.548 $\chi^2/\text{NDF}: 22581.1/36$

-1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741+/-0.033 χ^2/NDF : 744017.7/16

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

Right Out: 113.487+/-0.032 χ^2/NDF : 796781.7/19

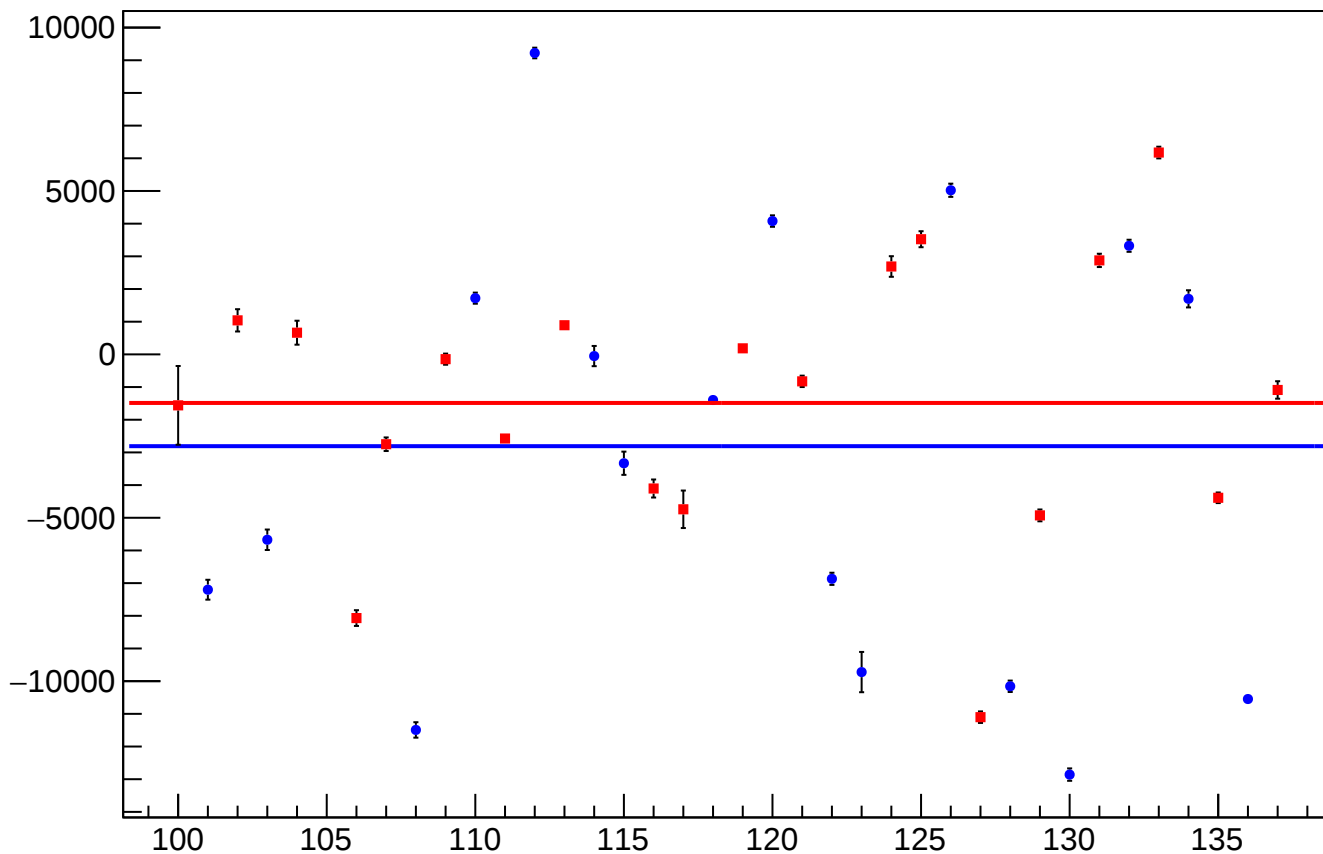
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.741+/-0.033 χ^2/NDF : 744017.7/16

114.553+/-0.023 χ^2/NDF : 1543189.4/36

113.487+/-0.032 χ^2/NDF : 796781.7/19

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101 ± 48.284 χ^2/NDF : 21263.1/16

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

Right Out: -1486.369 ± 46.243 χ^2/NDF : 8037.1/19

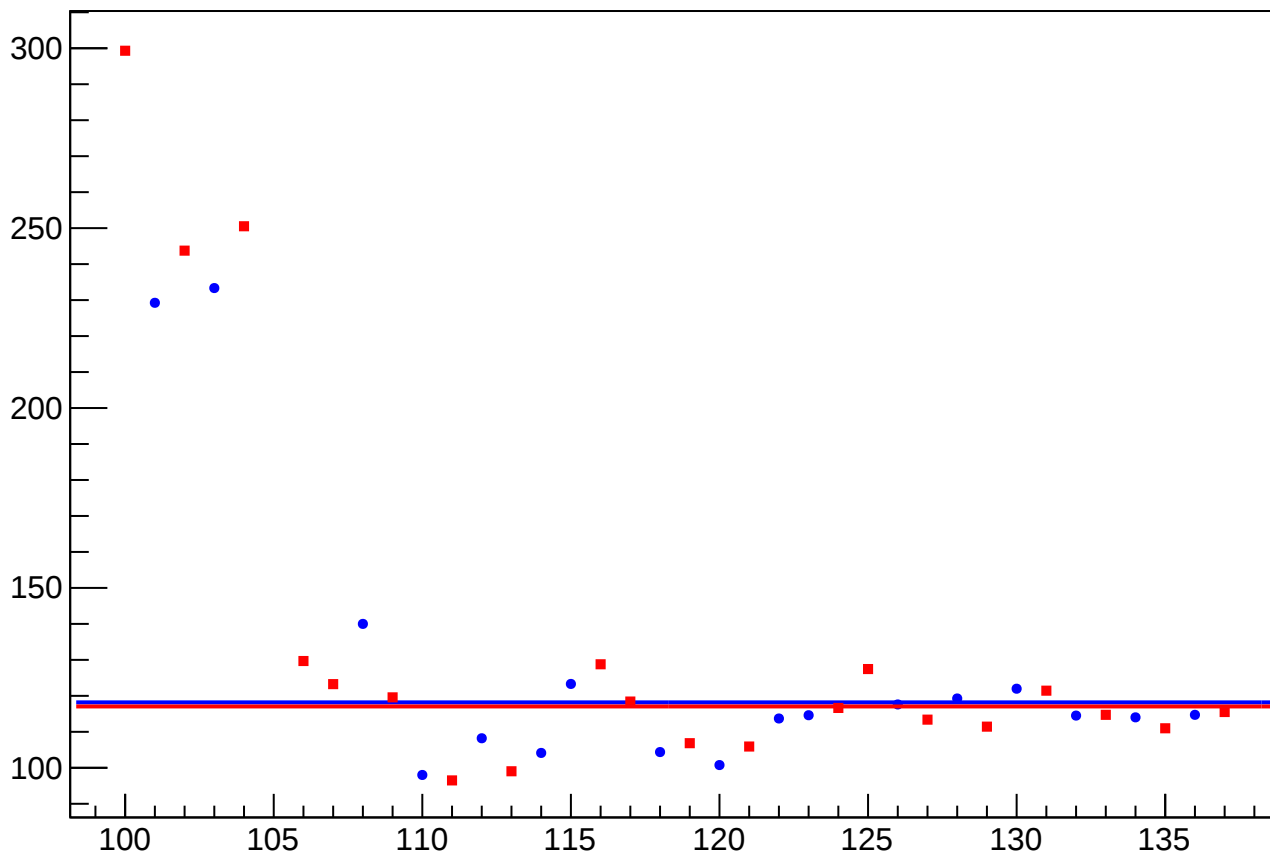
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2809.101 ± 48.284 χ^2/NDF : 21263.1/16

-2119.187 ± 33.397 χ^2/NDF : 29691.7/36

-1486.369 ± 46.243 χ^2/NDF : 8037.1/19

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.188 ± 0.034 χ^2/NDF : 636252.0/16

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

Right Out: 117.054 ± 0.033 χ^2/NDF : 690646.8/19

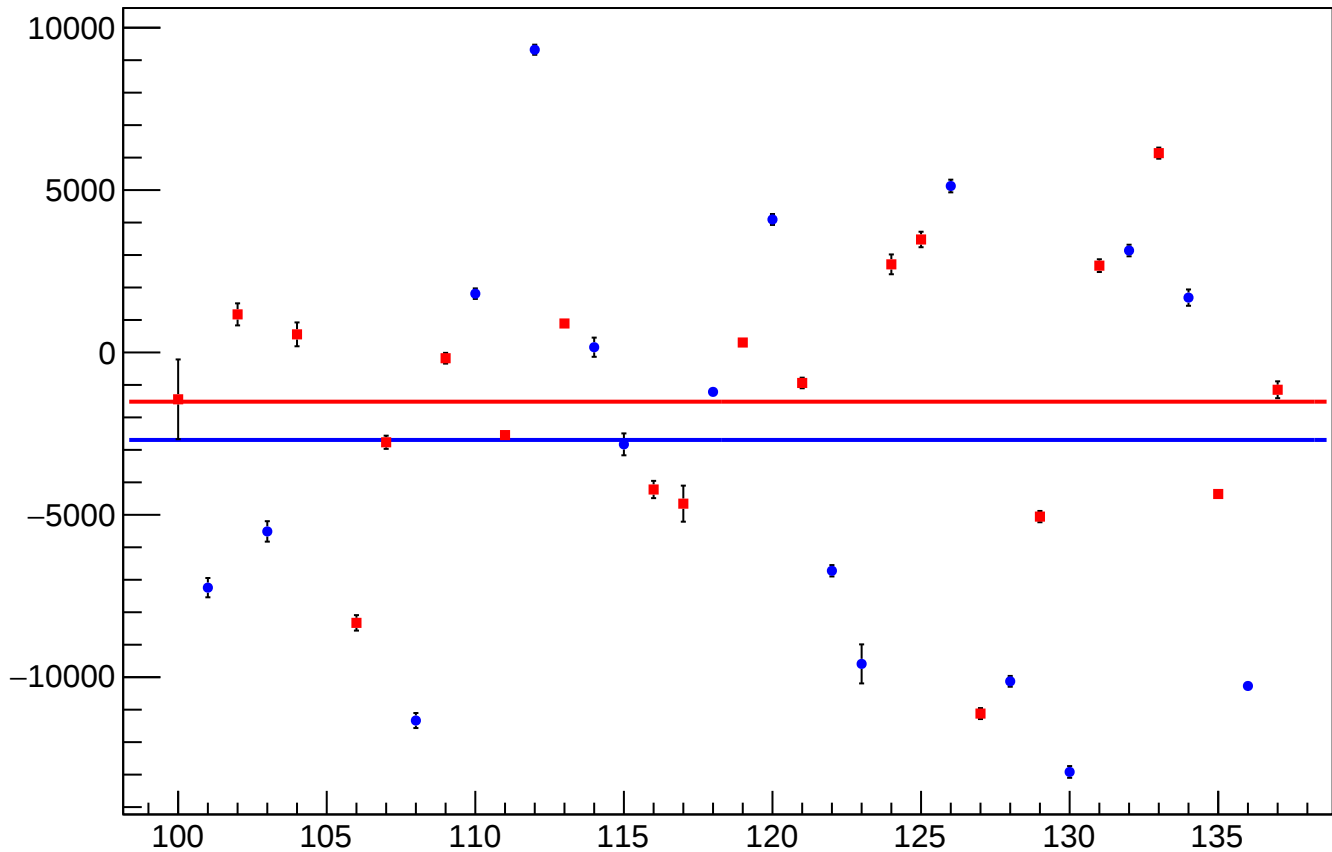
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

118.188 ± 0.034 χ^2/NDF : 636252.0/16

117.597 ± 0.024 χ^2/NDF : 1327473.9/36

117.054 ± 0.033 χ^2/NDF : 690646.8/19

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: -1515.863 ± 44.303 χ^2/NDF : 8749.3/19

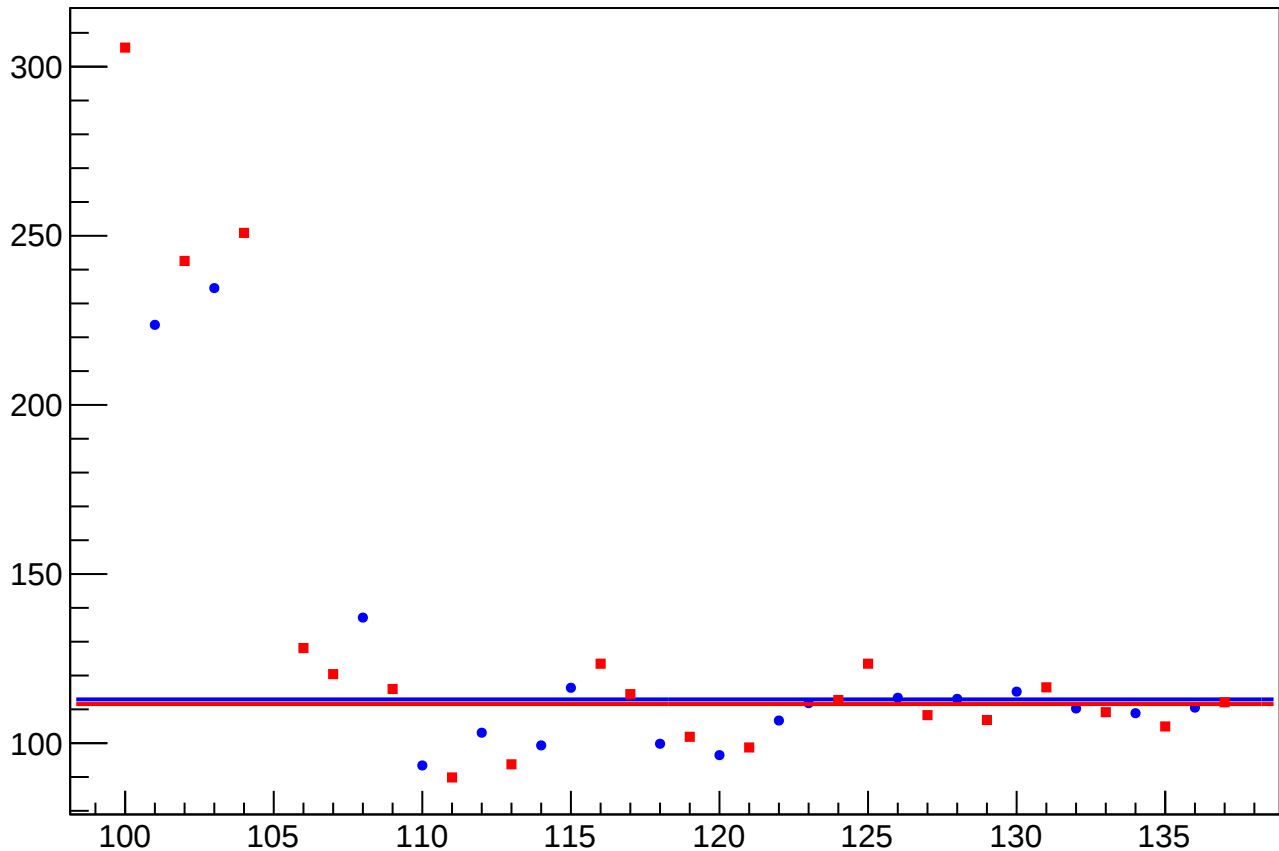
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2694.260 ± 46.347 χ^2/NDF : 22860.3/16

-2078.503 ± 32.025 χ^2/NDF : 31947.5/36

-1515.863 ± 44.303 χ^2/NDF : 8749.3/19

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940 $\pm$ 0.033 χ^2 /NDF: 680283.1/16

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

Right Out: 111.562 $\pm$ 0.031 χ^2 /NDF: 765559.1/19

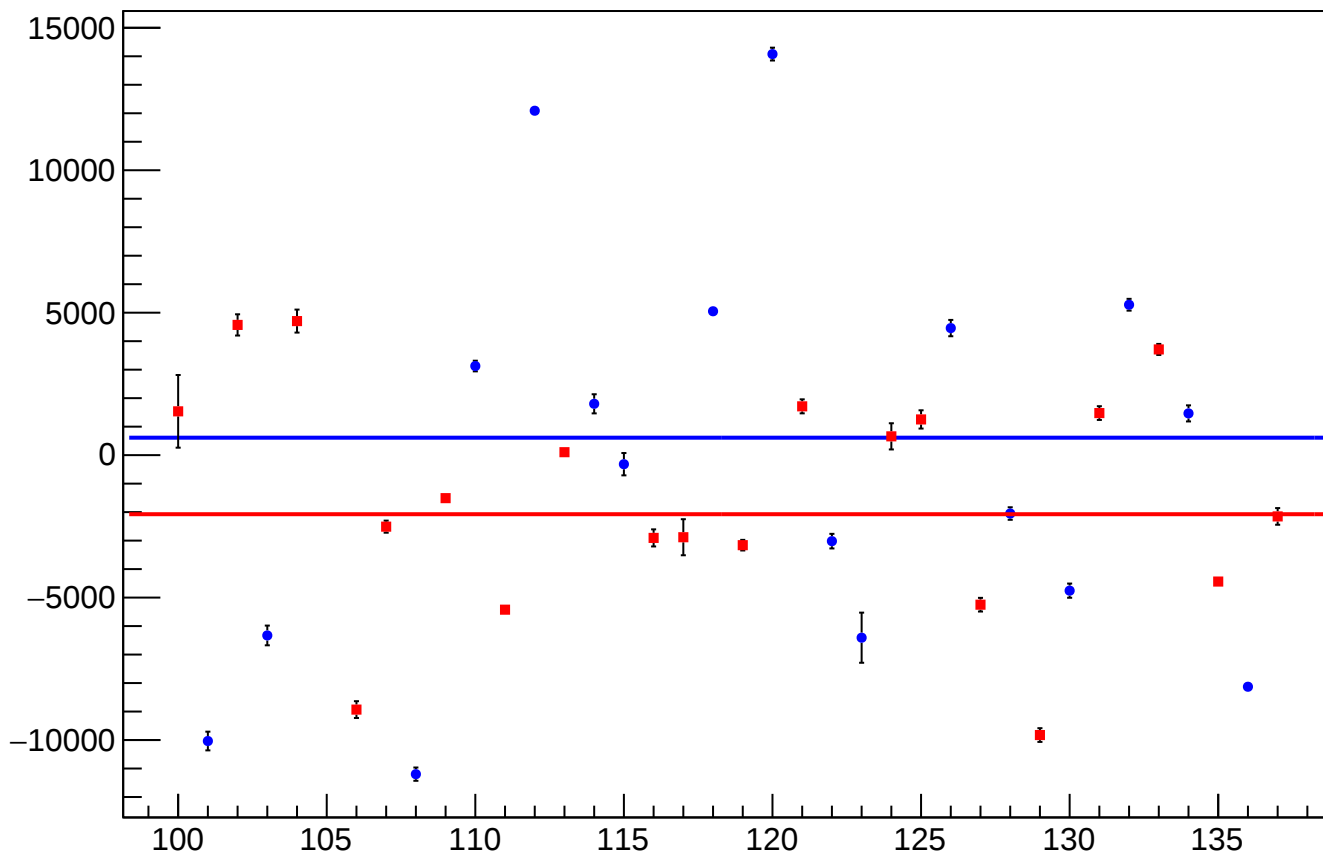
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.940 $\pm$ 0.033 χ^2 /NDF: 680283.1/16

112.220 $\pm$ 0.023 χ^2 /NDF: 1446766.1/36

111.562 $\pm$ 0.031 χ^2 /NDF: 765559.1/19

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621+/-56.062 χ^2/NDF : 18243.4/16

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

Right Out: -2073.278+/-53.736 χ^2/NDF : 4644.3/19

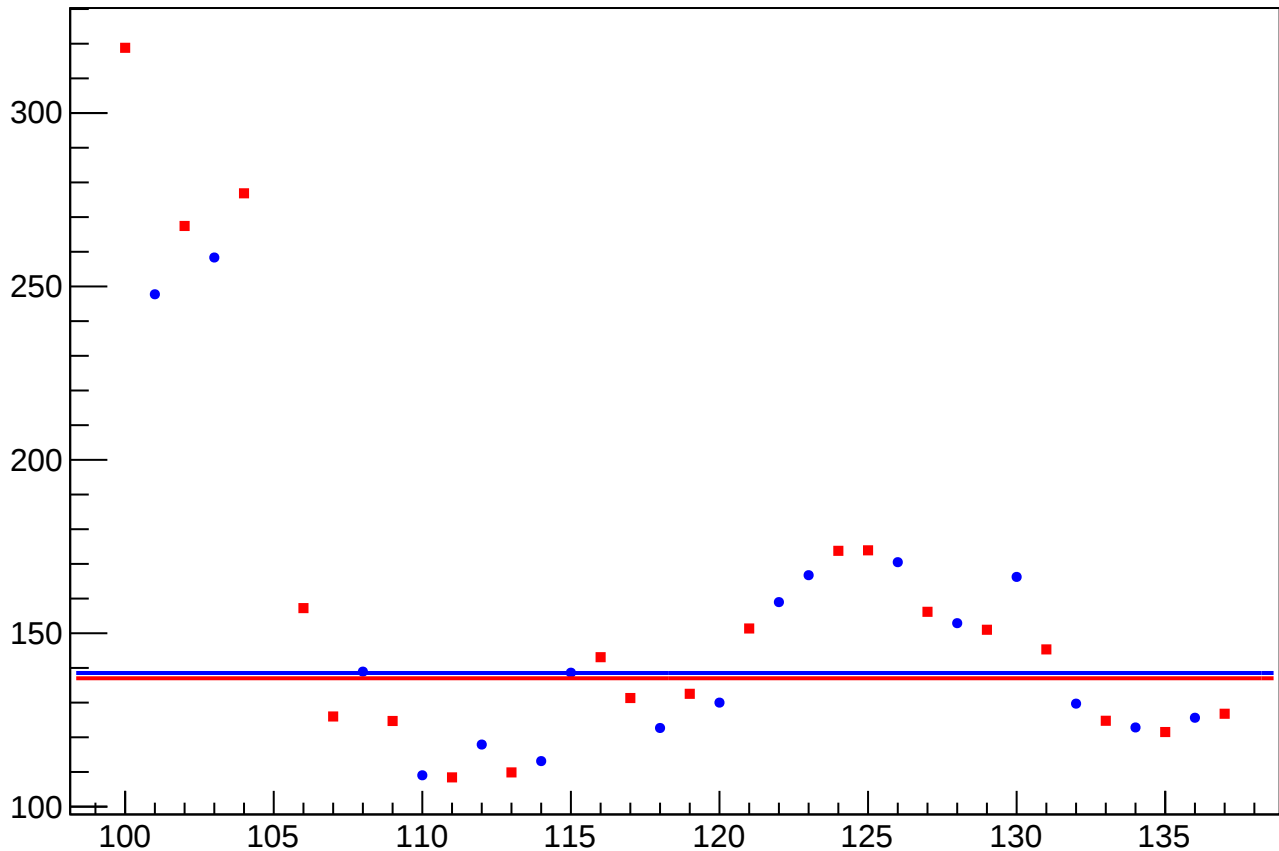
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

612.621+/-56.062 χ^2/NDF : 18243.4/16

-787.195+/-38.793 χ^2/NDF : 24084.0/36

-2073.278+/-53.736 χ^2/NDF : 4644.3/19

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: 137.019+/-0.038 χ^2/NDF : 755655.0/19

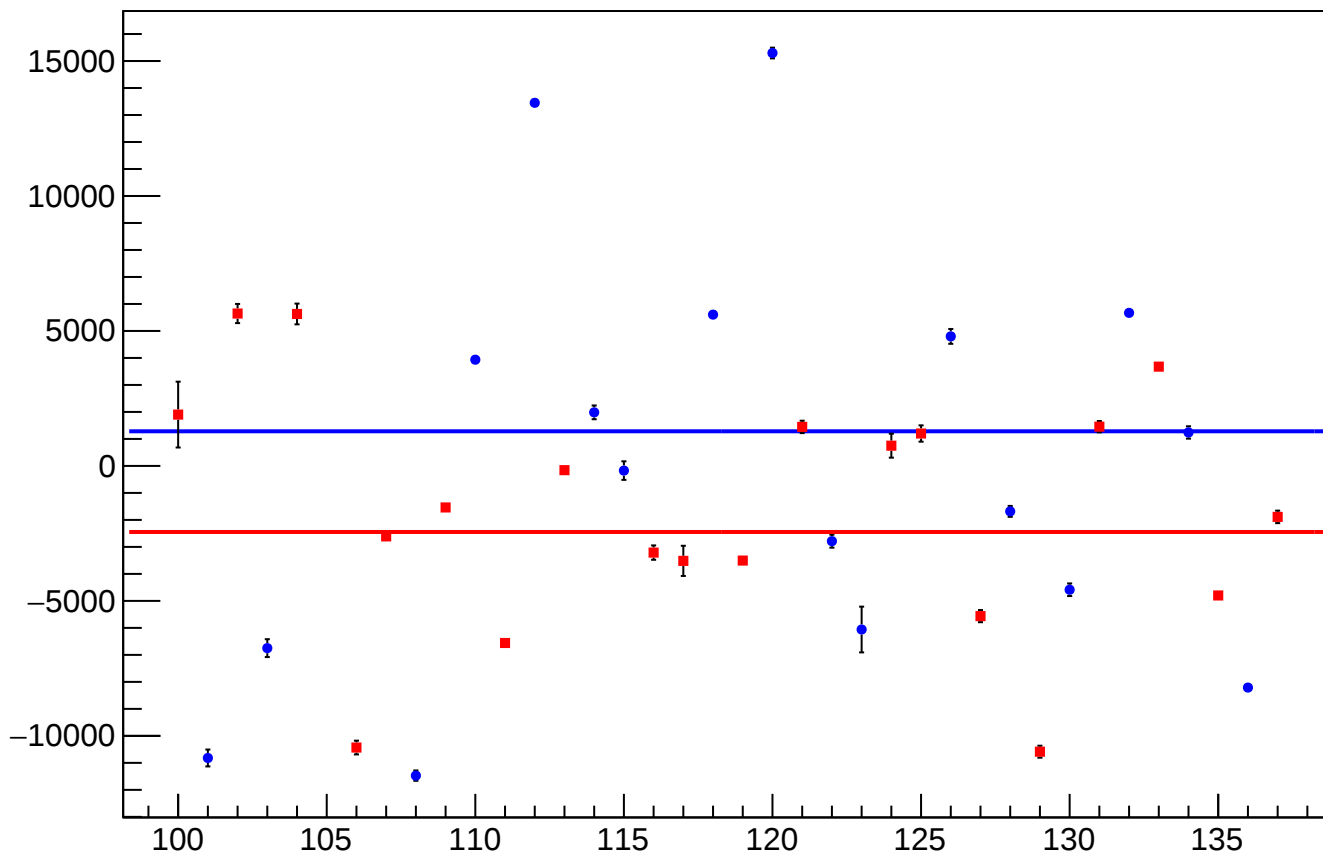
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.542+/-0.040 χ^2/NDF : 668941.7/16

137.748+/-0.027 χ^2/NDF : 1425365.3/36

137.019+/-0.038 χ^2/NDF : 755655.0/19

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: -2446.970+/-44.148 χ^2/NDF : 7681.2/19

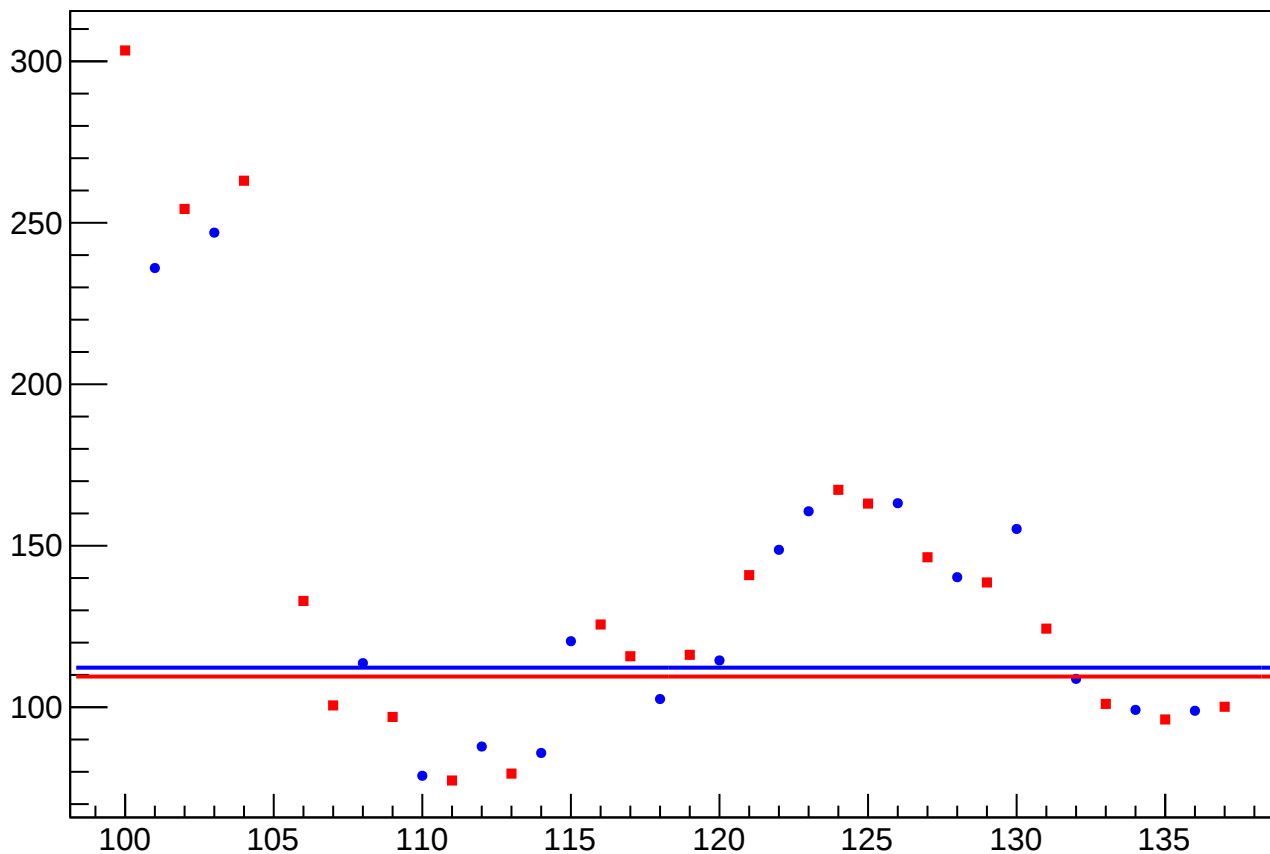
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1282.978+/-46.572 χ^2/NDF : 30540.8/16

-681.608+/-32.040 χ^2/NDF : 41600.5/36

-2446.970+/-44.148 χ^2/NDF : 7681.2/19

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: 109.500+/-0.031 χ^2/NDF : 1269887.8/19

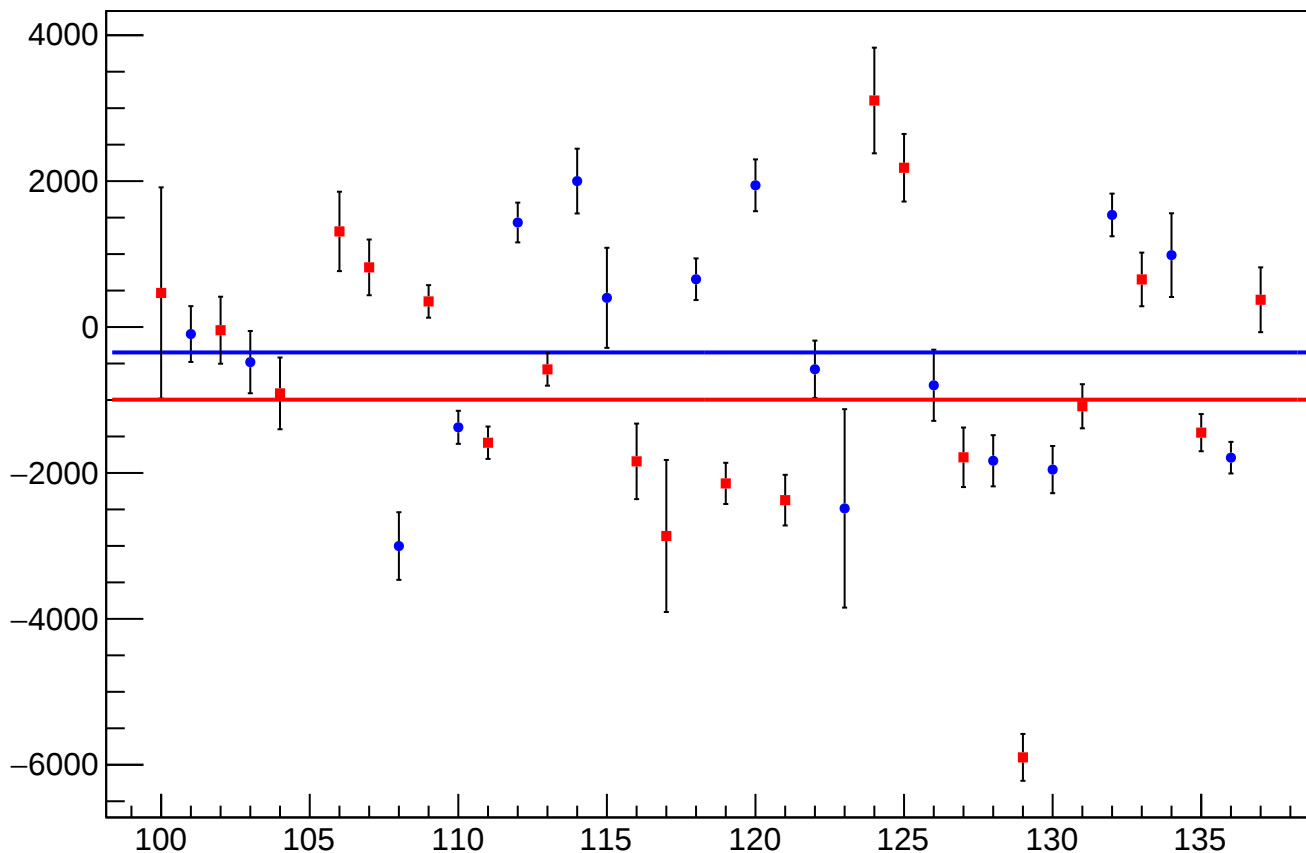
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.251+/-0.033 χ^2/NDF : 1125537.4/16

110.802+/-0.023 χ^2/NDF : 2399101.1/36

109.500+/-0.031 χ^2/NDF : 1269887.8/19

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: -995.622+/-77.468 χ^2/NDF : 479.8/19

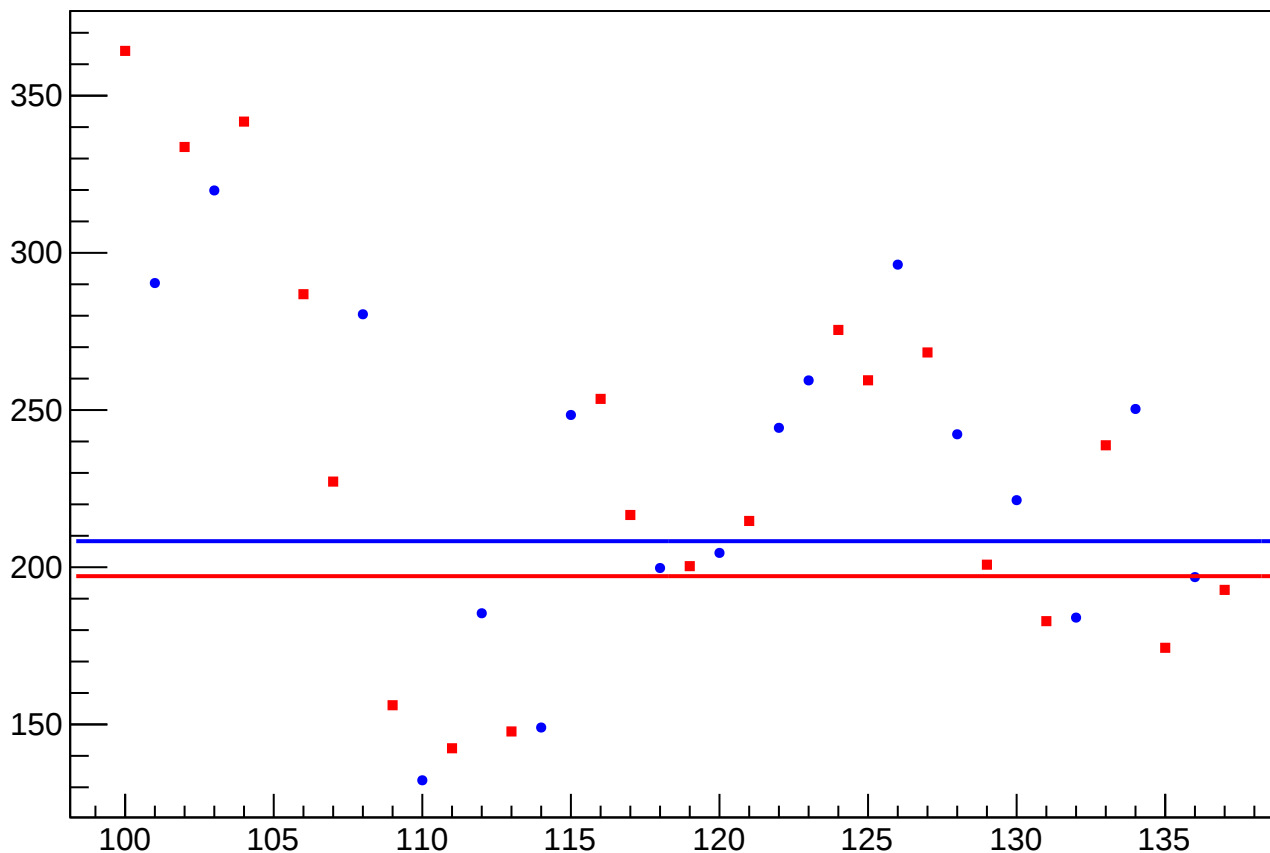
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-348.055+/-83.826 χ^2/NDF : 317.3/16

-697.326+/-56.893 χ^2/NDF : 829.3/36

-995.622+/-77.468 χ^2/NDF : 479.8/19

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: 197.159+/-0.055 χ^2/NDF : 927487.8/19

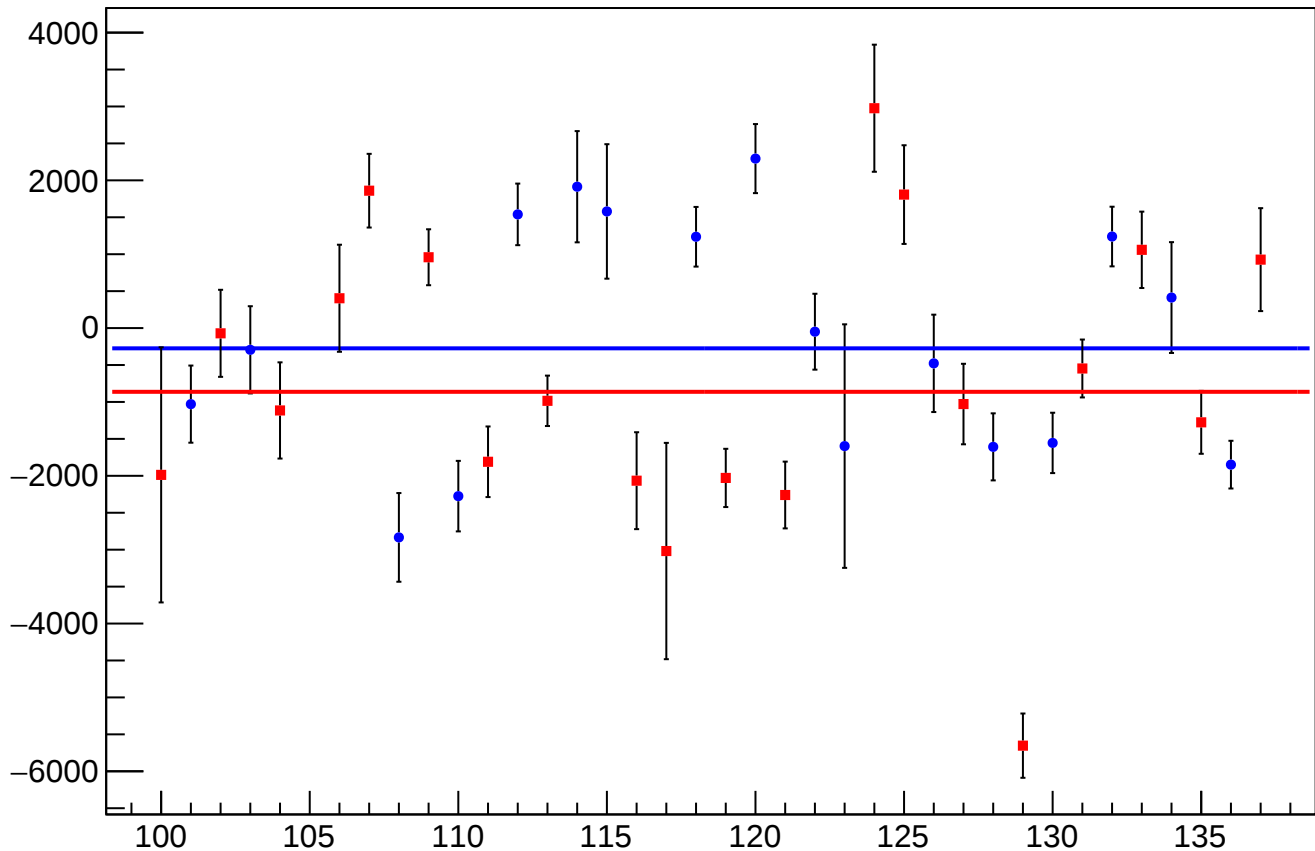
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.288+/-0.059 χ^2/NDF : 698491.0/16

202.285+/-0.040 χ^2/NDF : 1644989.8/36

197.159+/-0.055 χ^2/NDF : 927487.8/19

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: -862.791+/-114.993 χ^2/NDF : 265.4/19

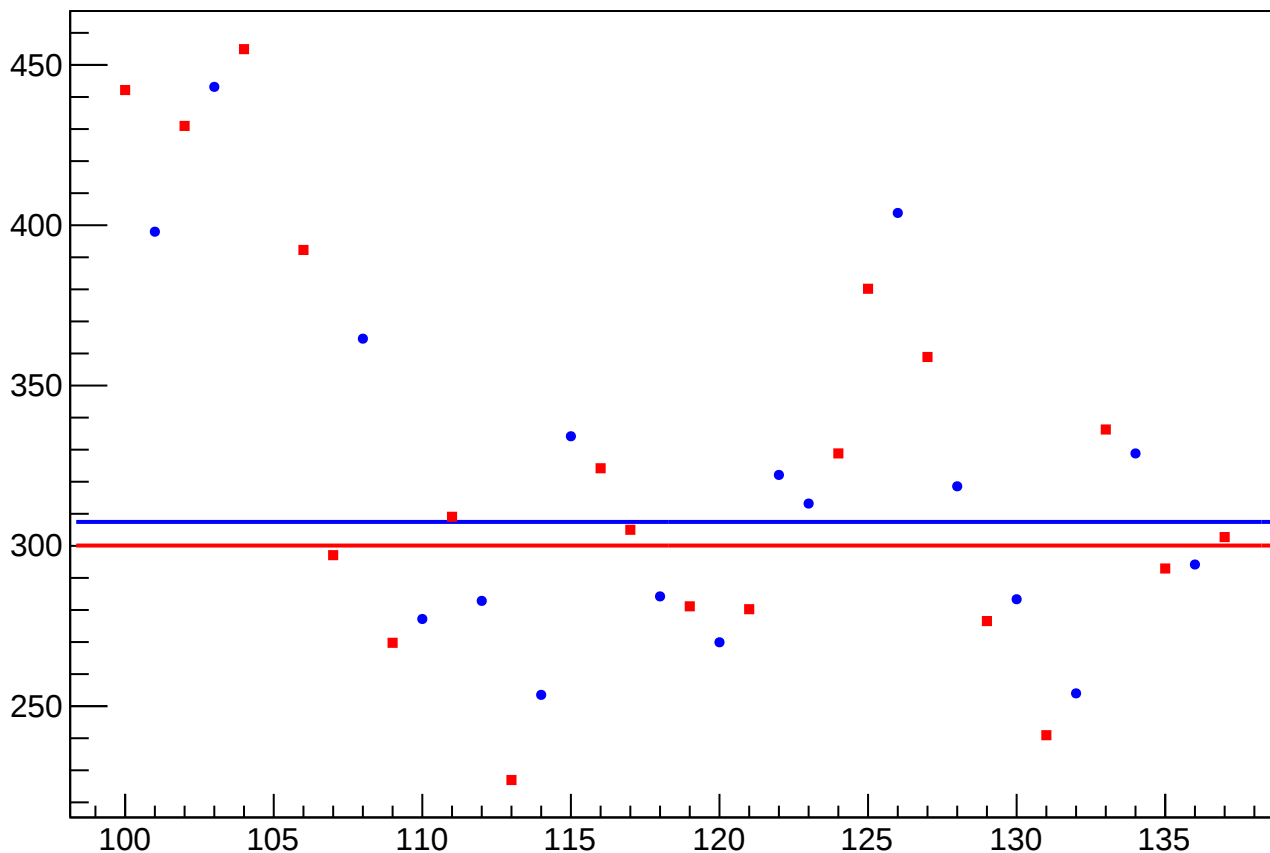
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-274.260+/-121.326 χ^2/NDF : 171.6/16

-584.286+/-83.461 χ^2/NDF : 449.4/36

-862.791+/-114.993 χ^2/NDF : 265.4/19

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: 300.100+/-0.081 χ^2/NDF : 490421.6/19

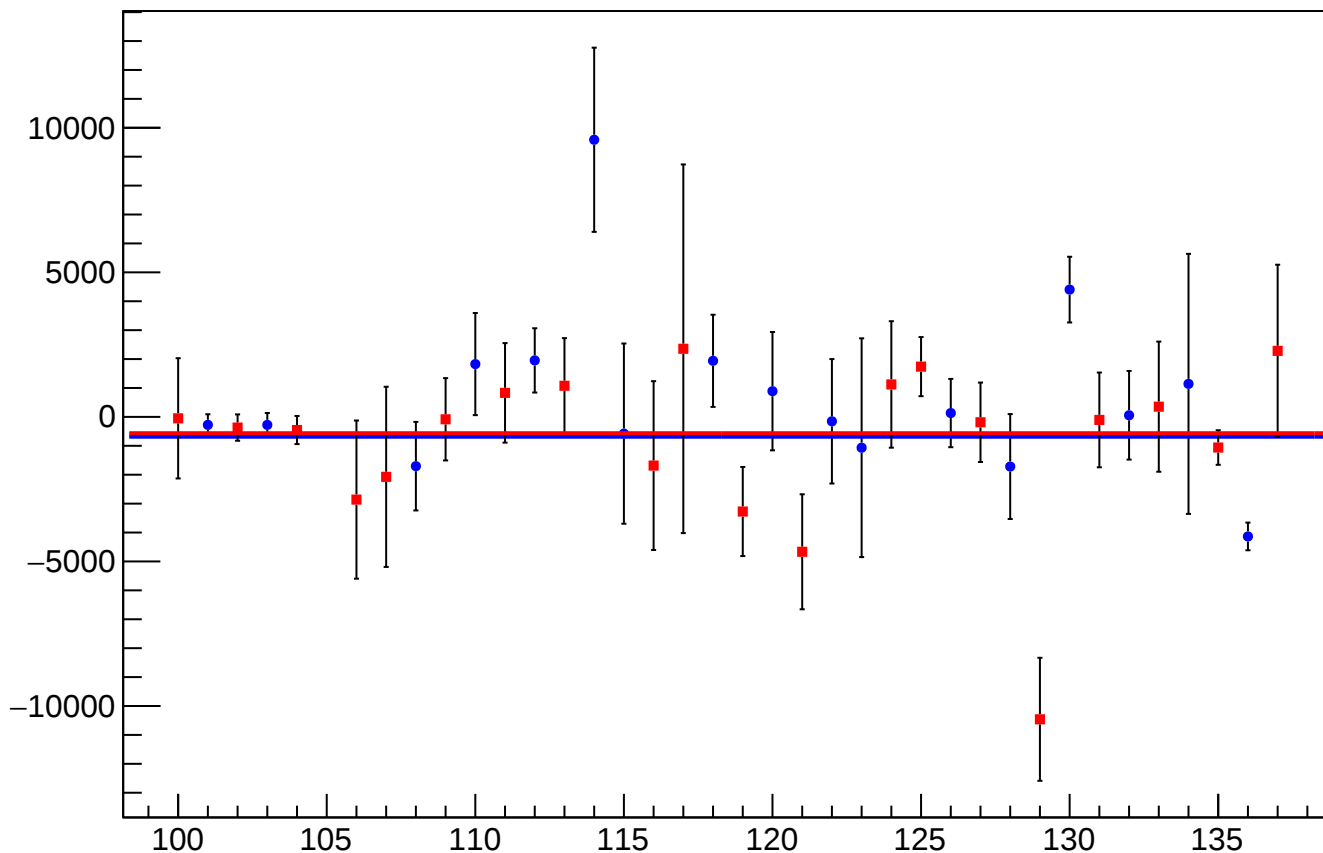
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

307.468+/-0.086 χ^2/NDF : 323096.7/16

303.587+/-0.059 χ^2/NDF : 817403.8/36

300.100+/-0.081 χ^2/NDF : 490421.6/19

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: -564.400+/-243.074 χ^2 /NDF: 39.9/19

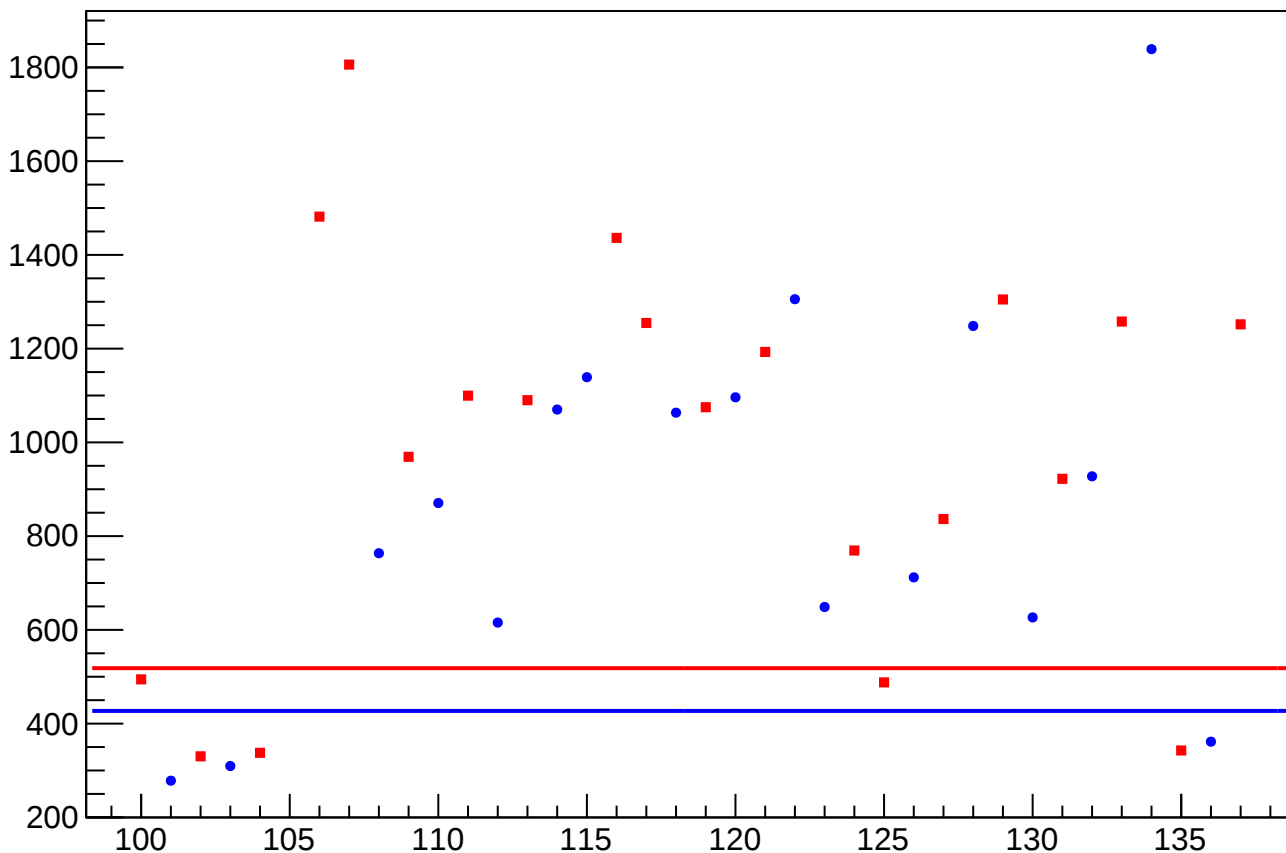
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-685.056+/-210.341 χ^2 /NDF: 97.4/16

-633.393+/-159.057 χ^2 /NDF: 137.4/36

-564.400+/-243.074 χ^2 /NDF: 39.9/19

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: 518.306+/-0.172 χ^2/NDF : 3631833.9/19

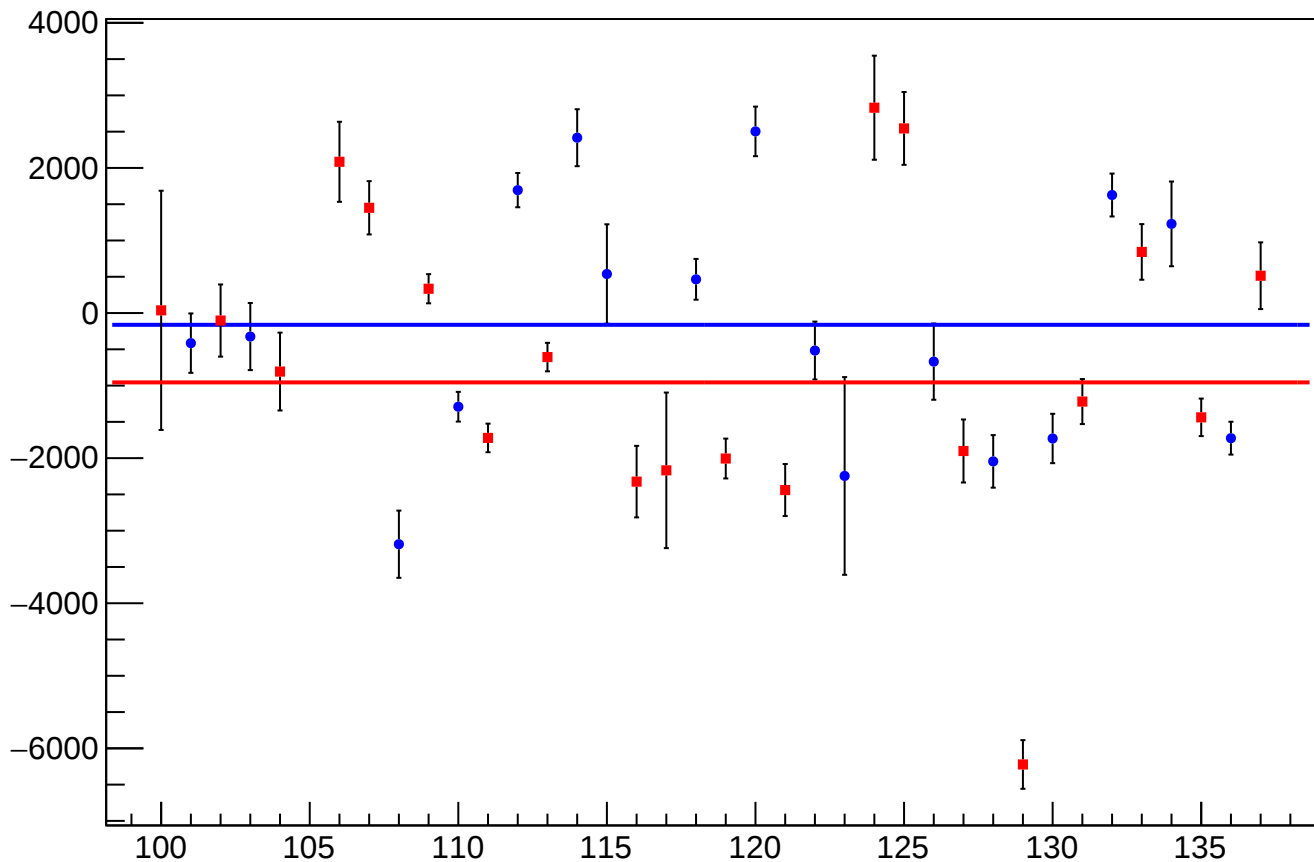
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.079+/-0.149 χ^2/NDF : 2865678.7/16

466.141+/-0.112 χ^2/NDF : 6658598.7/36

518.306+/-0.172 χ^2/NDF : 3631833.9/19

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: -956.044+/-74.949 χ^2/NDF : 541.1/19

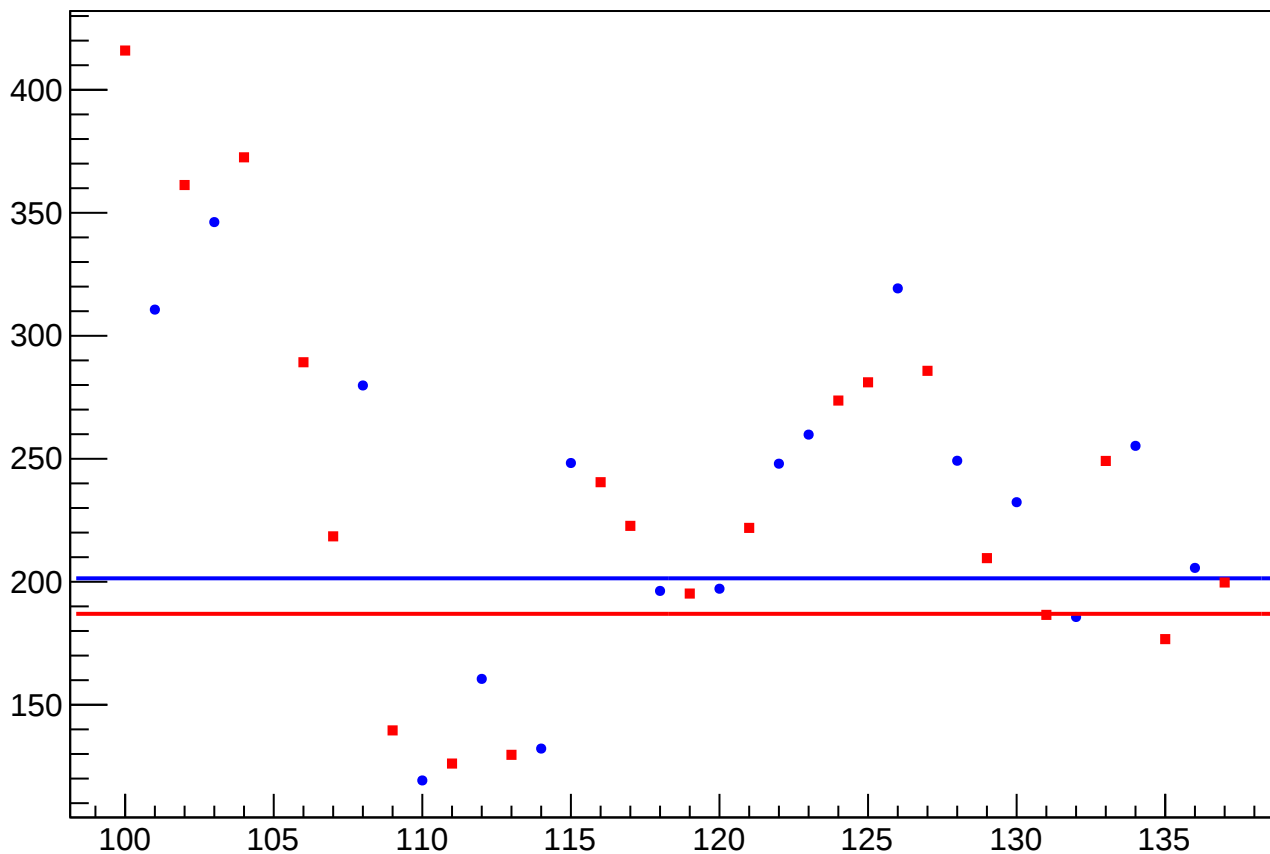
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-162.333+/-82.350 χ^2/NDF : 387.6/16

-596.450+/-55.429 χ^2/NDF : 979.4/36

-956.044+/-74.949 χ^2/NDF : 541.1/19

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: 186.973+/-0.053 χ^2/NDF : 1395397.8/19

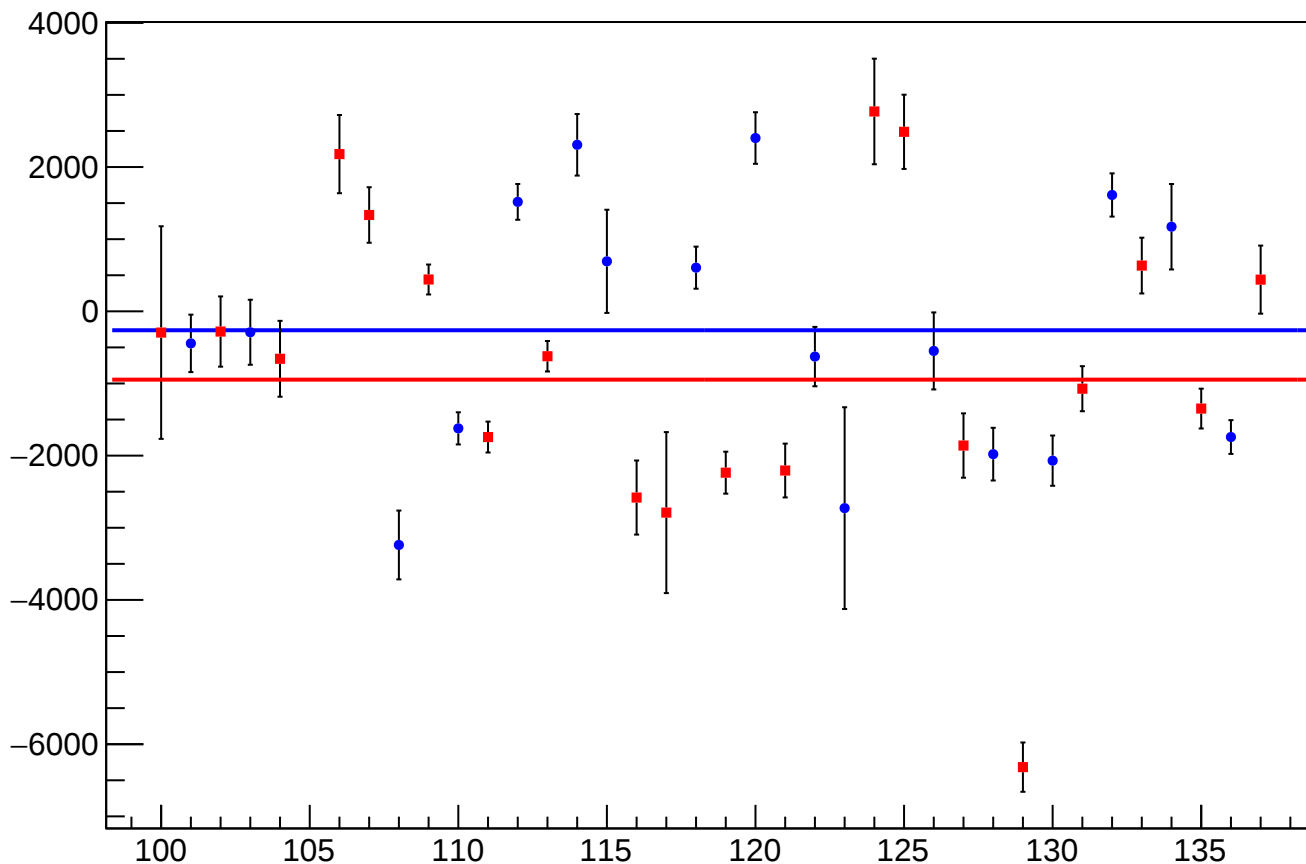
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.409+/-0.058 χ^2/NDF : 1056022.1/16

193.513+/-0.039 χ^2/NDF : 2485036.1/36

186.973+/-0.053 χ^2/NDF : 1395397.8/19

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: -946.785+/-78.241 χ^2/NDF : 524.6/19

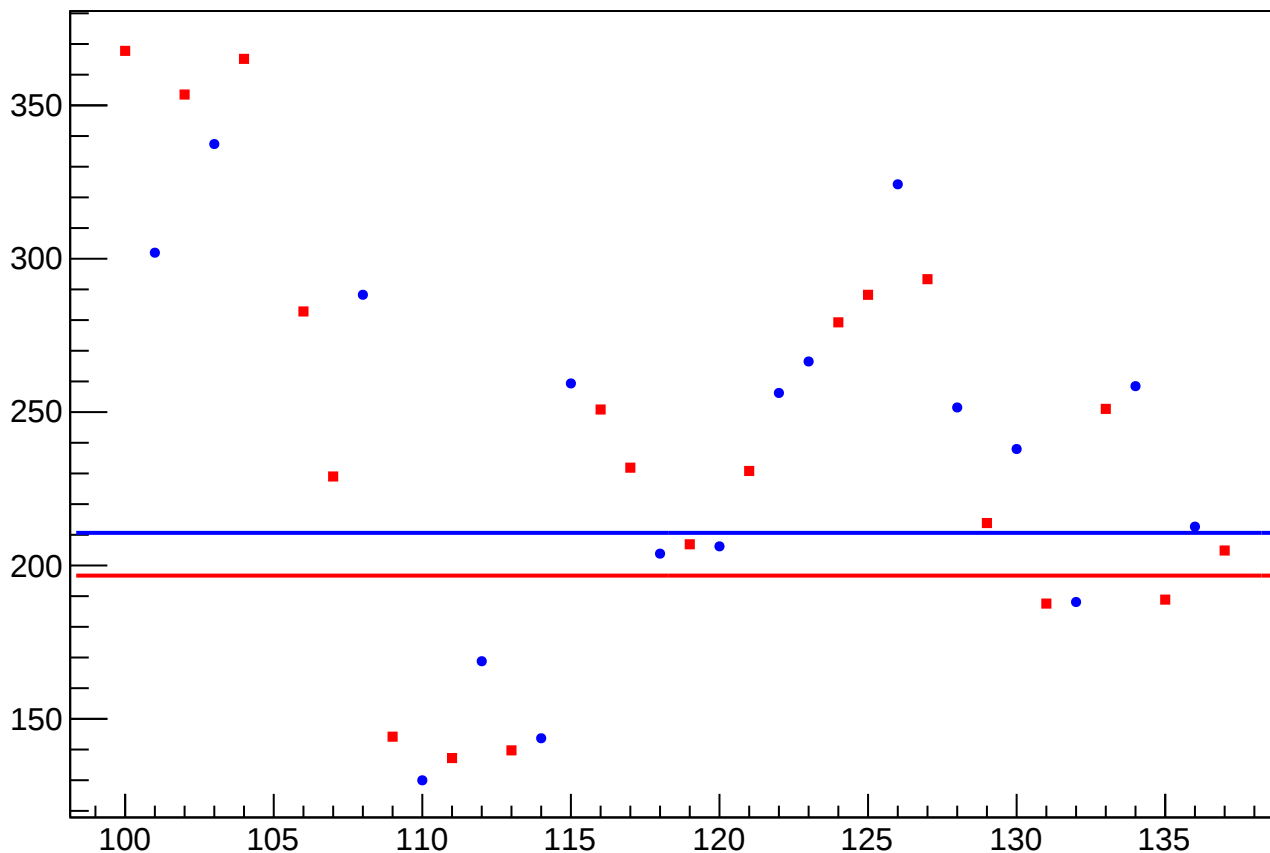
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-262.324+/-85.433 χ^2/NDF : 368.7/16

-634.574+/-57.700 χ^2/NDF : 928.3/36

-946.785+/-78.241 χ^2/NDF : 524.6/19

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636 ± 0.060 χ^2/NDF : 875776.4/16

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

Right Out: 196.702 ± 0.055 χ^2/NDF : 1207089.6/19

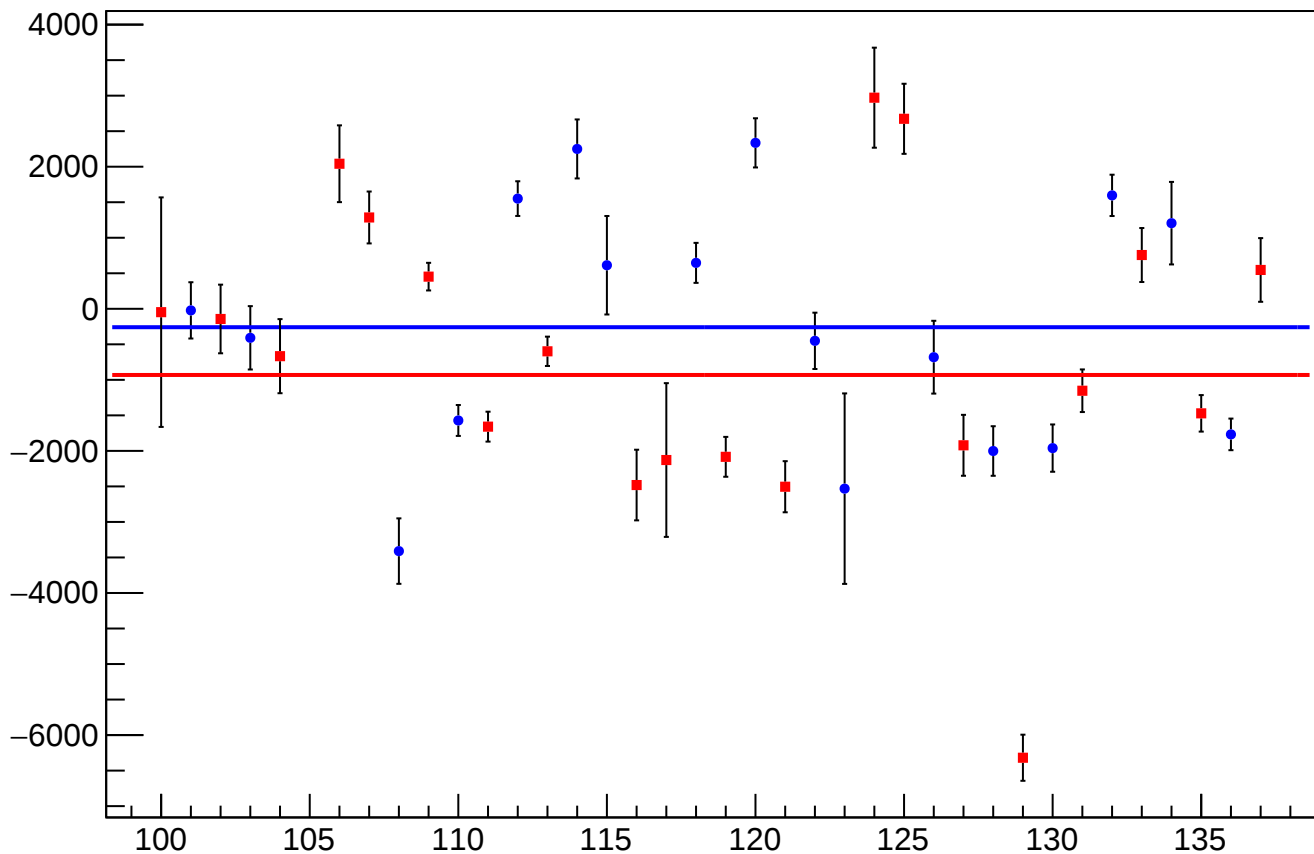
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

210.636 ± 0.060 χ^2/NDF : 875776.4/16

203.058 ± 0.041 χ^2/NDF : 2111799.3/36

196.702 ± 0.055 χ^2/NDF : 1207089.6/19

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: -931.363+/-75.320 χ^2/NDF : 583.1/19

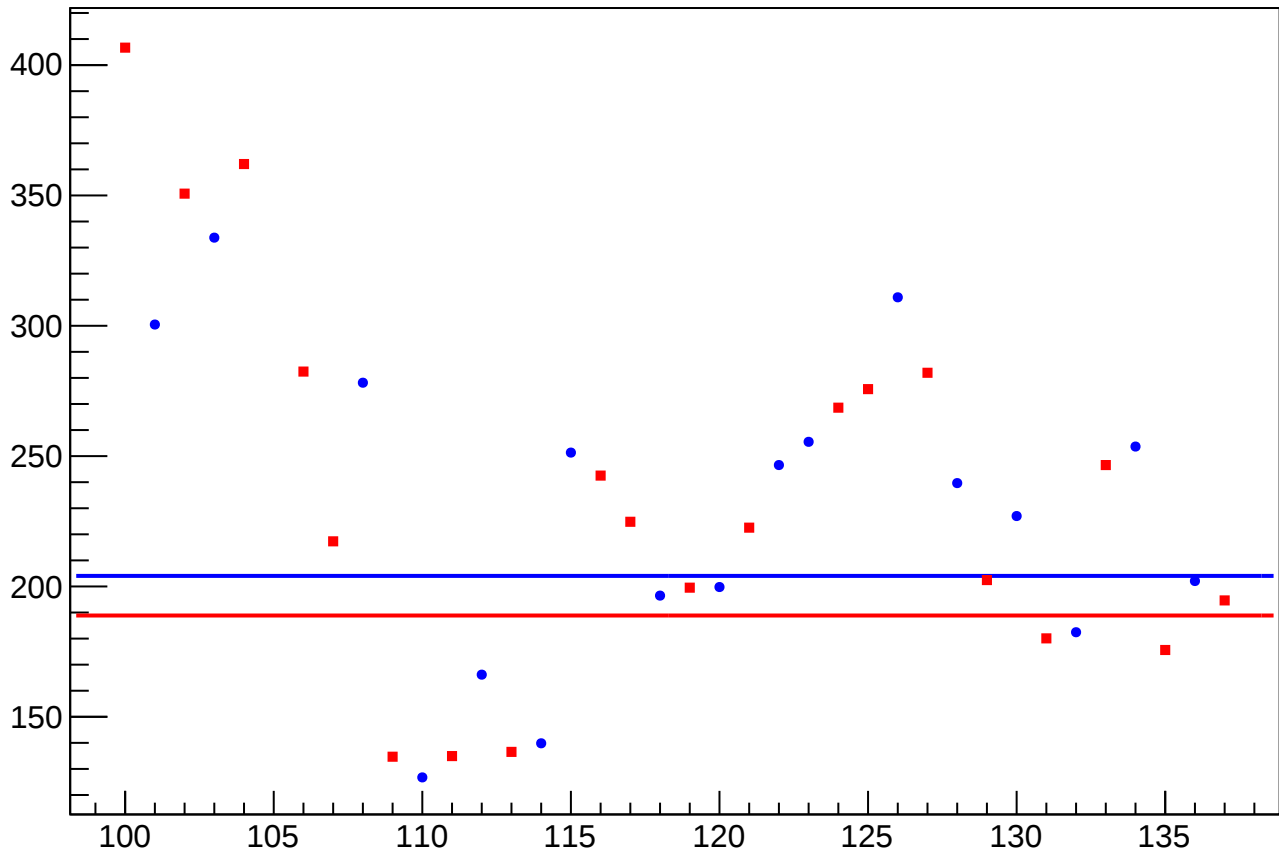
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-259.139+/-82.802 χ^2/NDF : 391.2/16

-626.987+/-55.717 χ^2/NDF : 1010.4/36

-931.363+/-75.320 χ^2/NDF : 583.1/19

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: 188.856+/-0.053 χ^2/NDF : 1253327.1/19

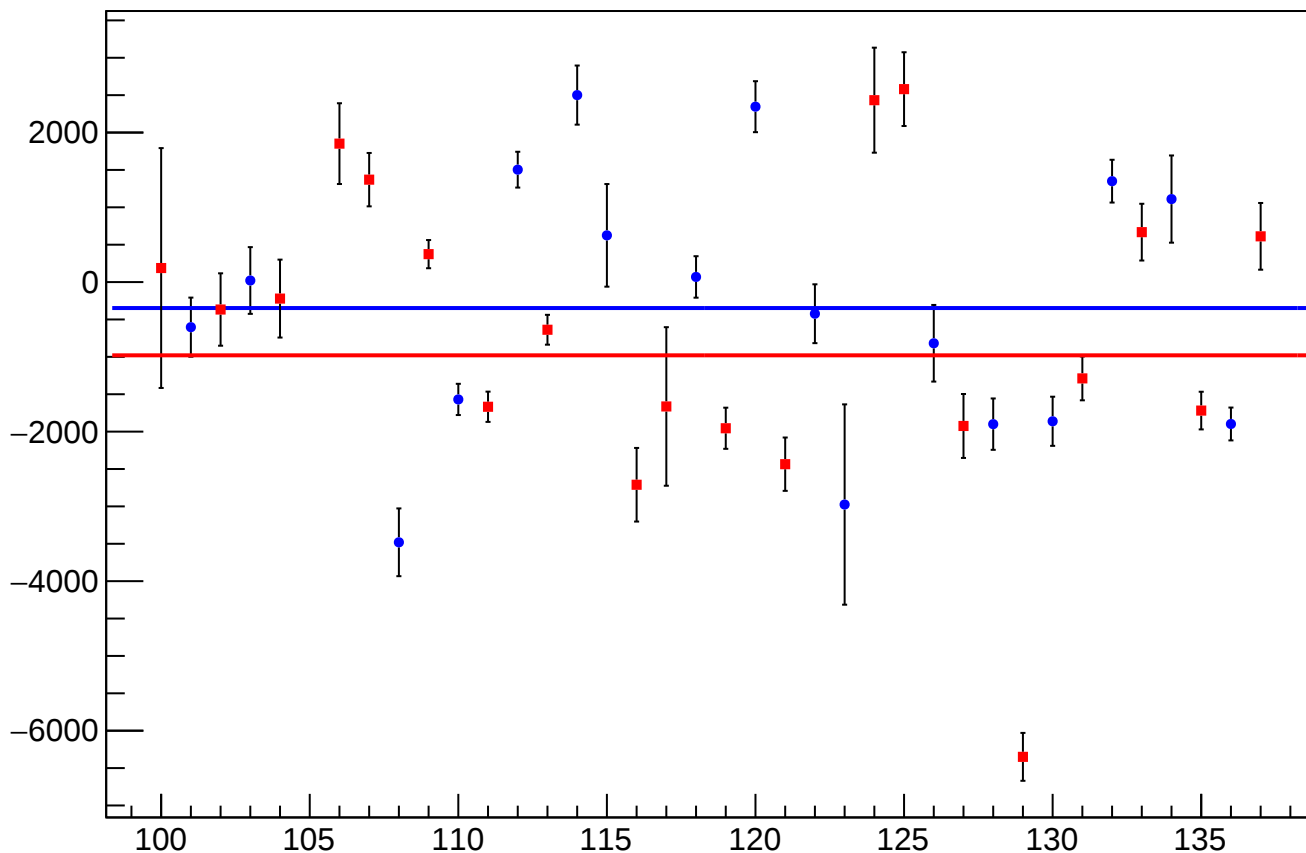
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.051+/-0.059 χ^2/NDF : 868423.0/16

195.736+/-0.039 χ^2/NDF : 2158608.6/36

188.856+/-0.053 χ^2/NDF : 1253327.1/19

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: -979.606+/-73.710 χ^2/NDF : 586.1/19

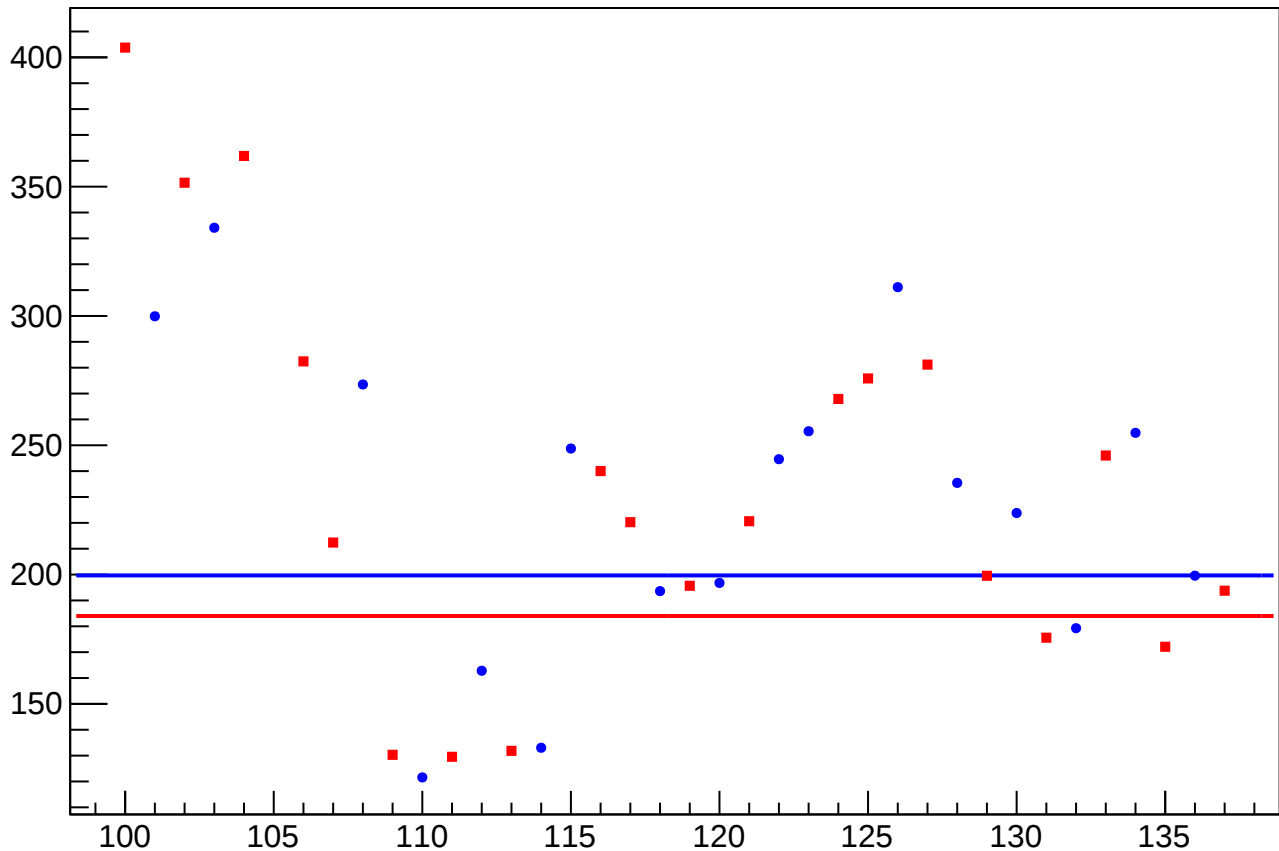
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-347.240+/-81.318 χ^2/NDF : 399.1/16

-694.380+/-54.613 χ^2/NDF : 1018.4/36

-979.606+/-73.710 χ^2/NDF : 586.1/19

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: 183.984+/-0.052 χ^2/NDF : 1351978.1/19

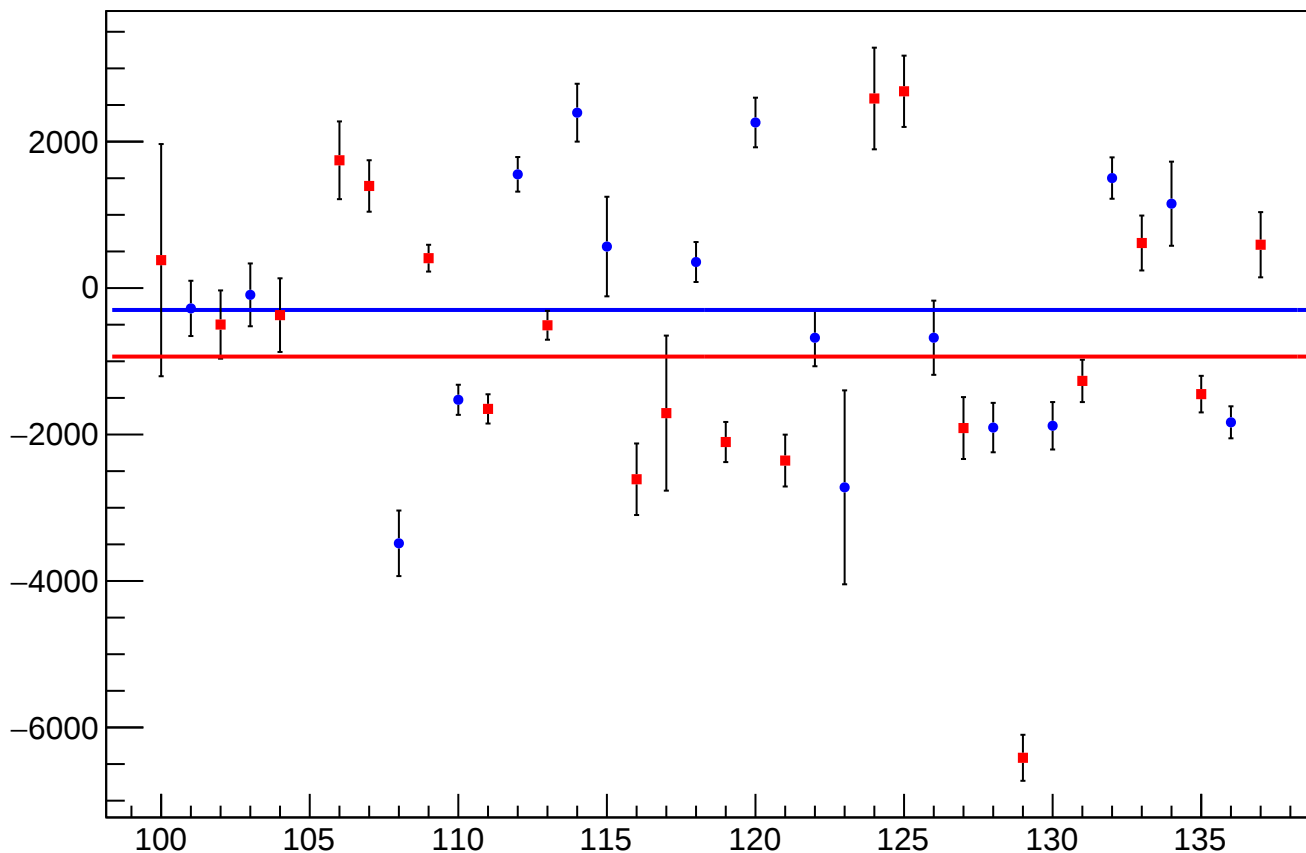
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.669+/-0.058 χ^2/NDF : 943155.1/16

191.059+/-0.039 χ^2/NDF : 2335979.0/36

183.984+/-0.052 χ^2/NDF : 1351978.1/19

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: -935.490+/-72.580 χ^2/NDF : 615.3/19

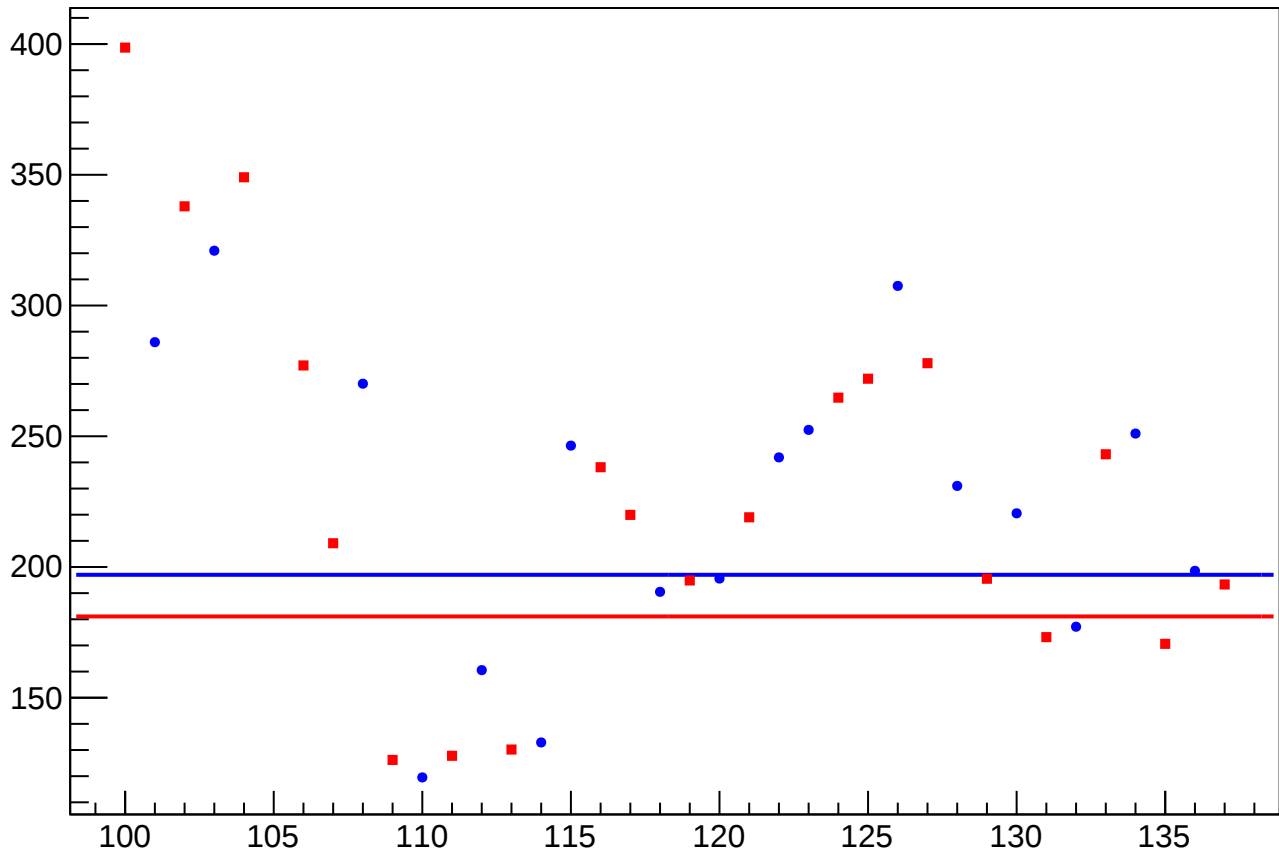
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-298.963+/-80.162 χ^2/NDF : 406.6/16

-648.746+/-53.803 χ^2/NDF : 1056.6/36

-935.490+/-72.580 χ^2/NDF : 615.3/19

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: 181.089+/-0.051 χ^2/NDF : 1348390.5/19

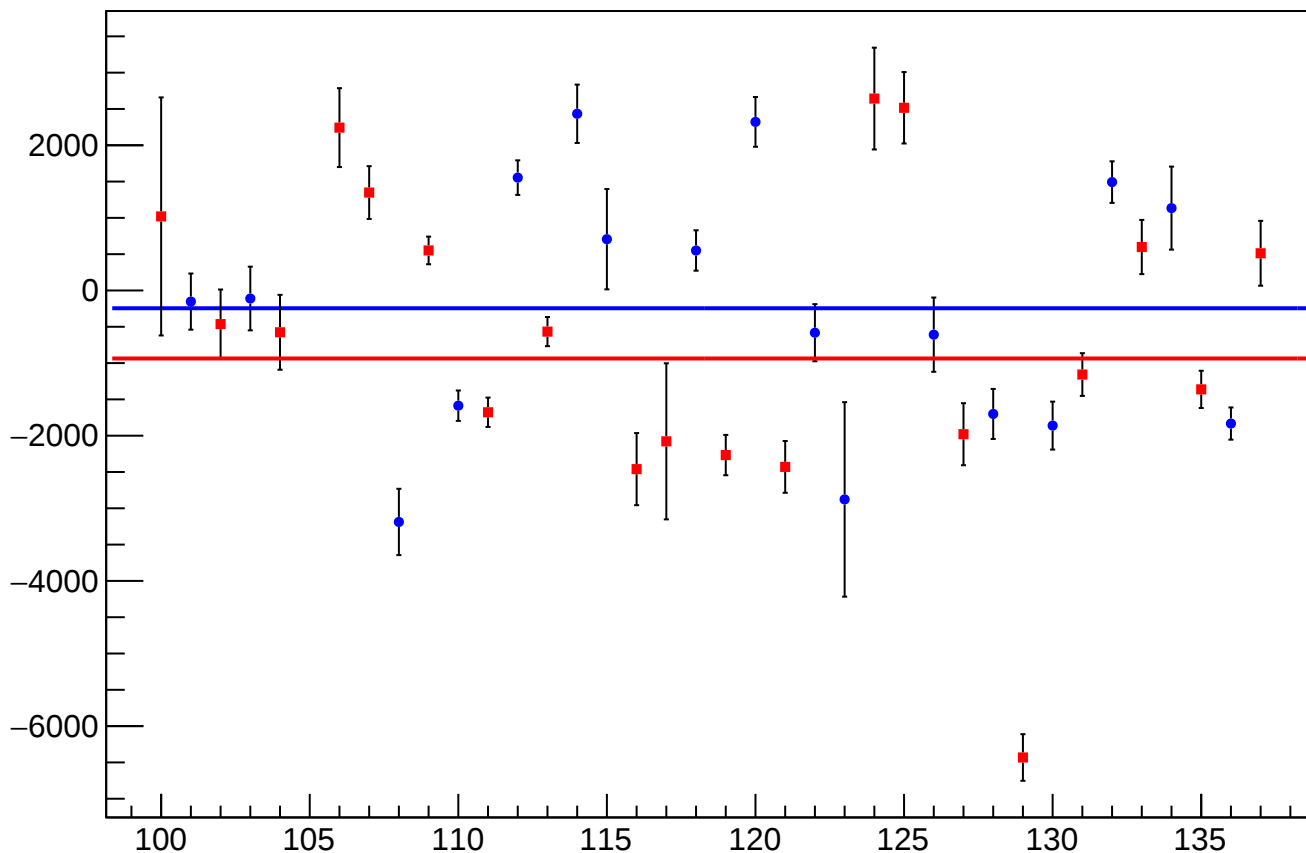
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.013+/-0.057 χ^2/NDF : 911923.5/16

188.263+/-0.038 χ^2/NDF : 2303683.0/36

181.089+/-0.051 χ^2/NDF : 1348390.5/19

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: -936.709+/-74.030 χ^2/NDF : 610.9/19

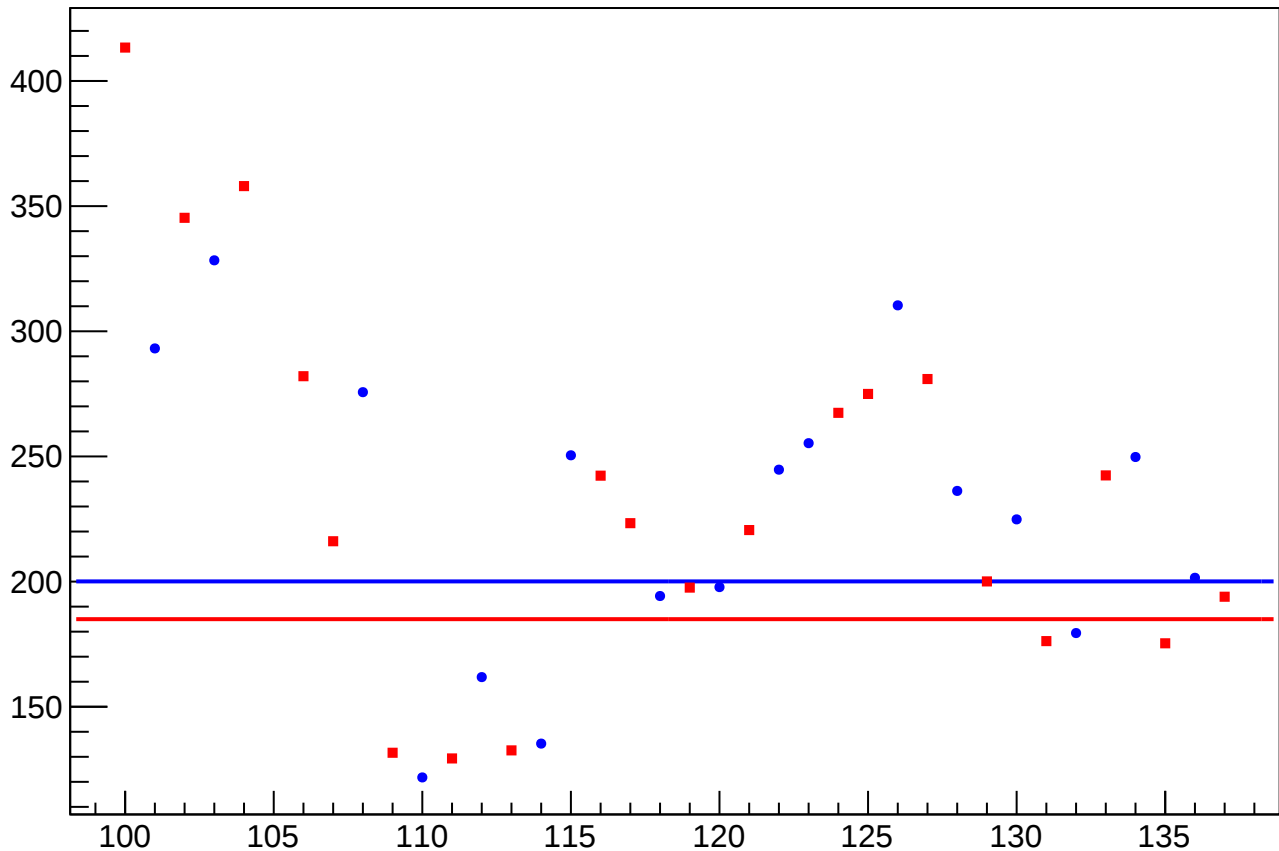
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-244.925+/-81.395 χ^2/NDF : 391.4/16

-623.527+/-54.766 χ^2/NDF : 1041.8/36

-936.709+/-74.030 χ^2/NDF : 610.9/19

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: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

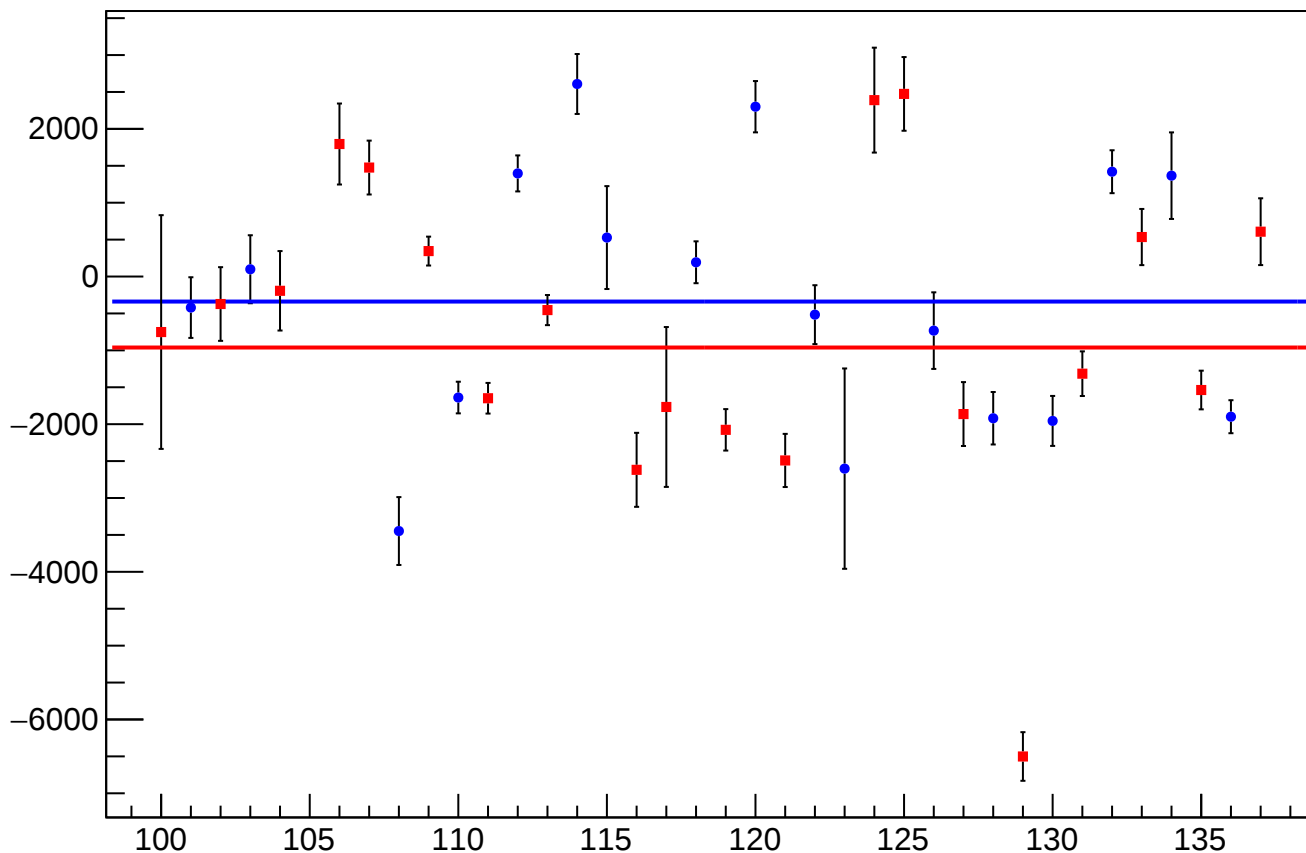
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.078+/-0.058 χ^2/NDF : 918309.2/16

191.821+/-0.039 χ^2/NDF : 2276746.2/36

184.990+/-0.052 χ^2/NDF : 1320825.4/19

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: -961.556+/-75.564 χ^2/NDF : 570.9/19

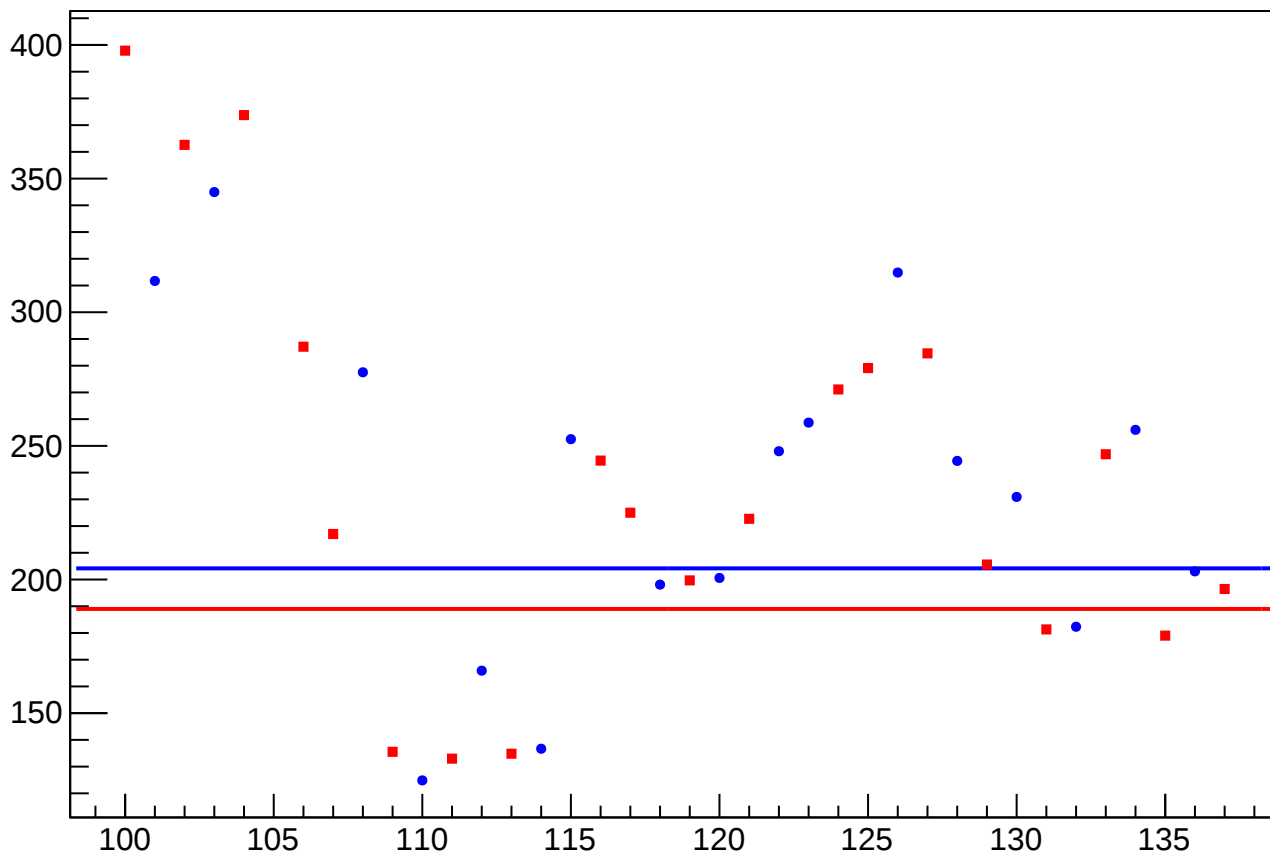
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-338.966+/-83.123 χ^2/NDF : 389.5/16

-679.849+/-55.914 χ^2/NDF : 991.0/36

-961.556+/-75.564 χ^2/NDF : 570.9/19

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: 188.997+/-0.053 χ^2/NDF : 1317112.1/19

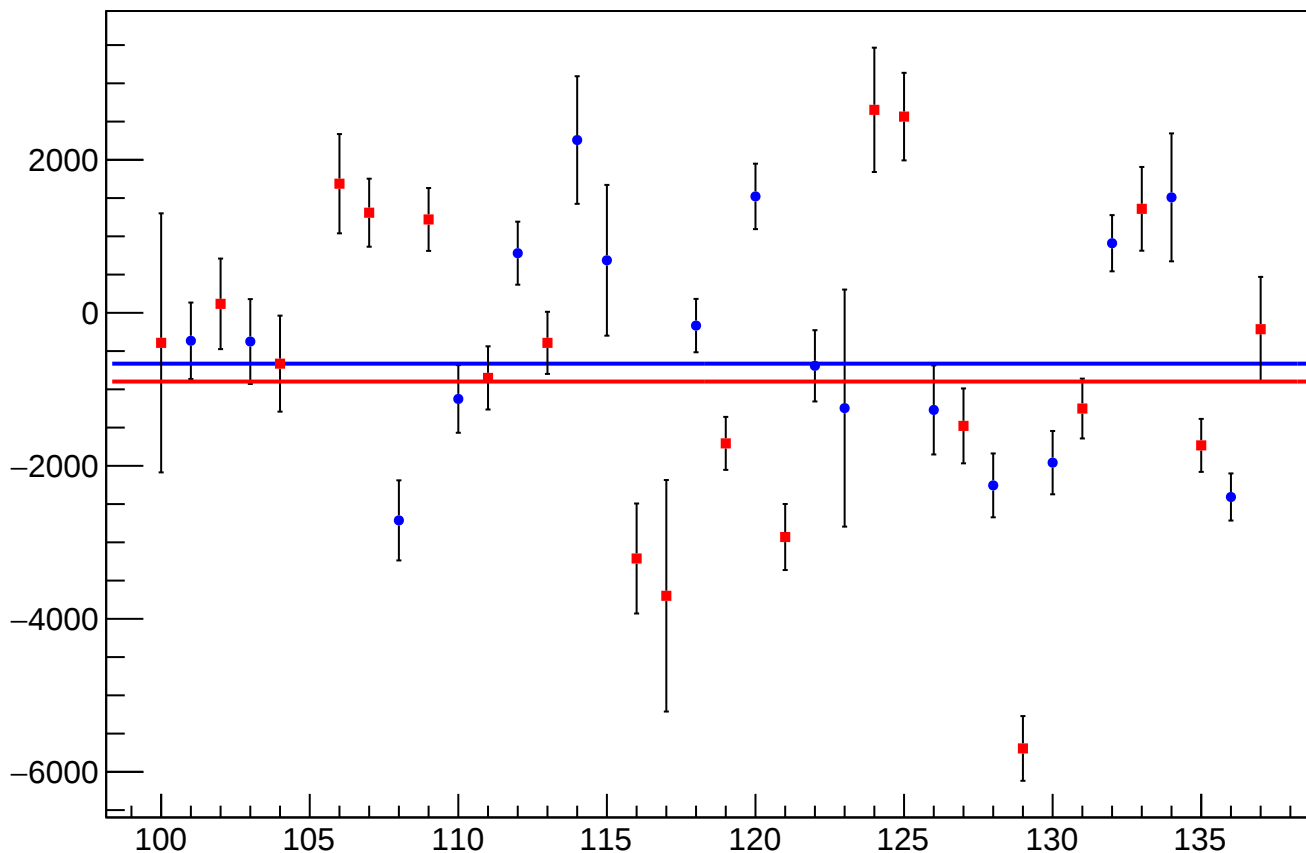
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.175+/-0.059 χ^2/NDF : 947438.5/16

195.865+/-0.040 χ^2/NDF : 2301061.5/36

188.997+/-0.053 χ^2/NDF : 1317112.1/19

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: -898.290+/-110.578 χ^2/NDF : 323.5/19

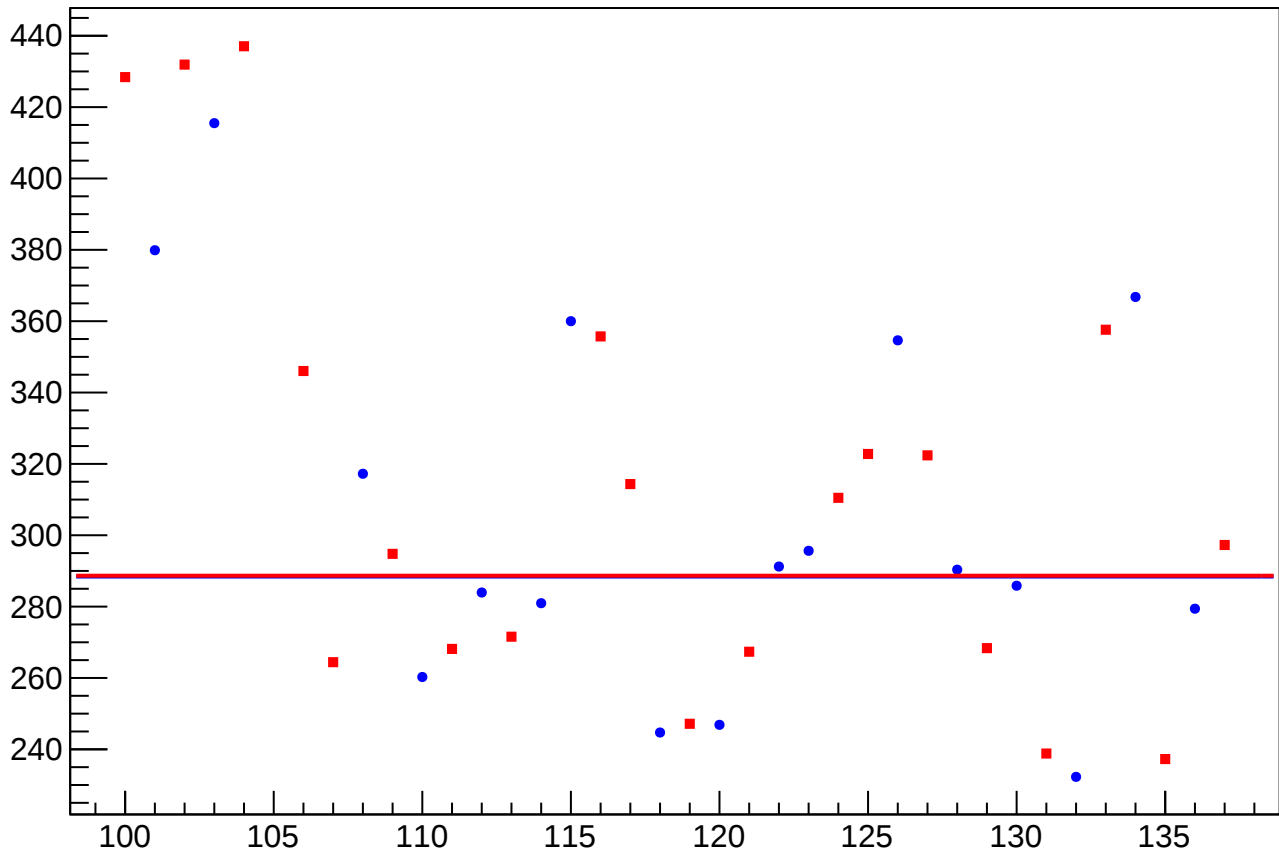
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-664.383+/-113.949 χ^2/NDF : 154.3/16

-784.847+/-79.355 χ^2/NDF : 480.0/36

-898.290+/-110.578 χ^2/NDF : 323.5/19

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: 288.660+/-0.078 χ^2/NDF : 455989.7/19

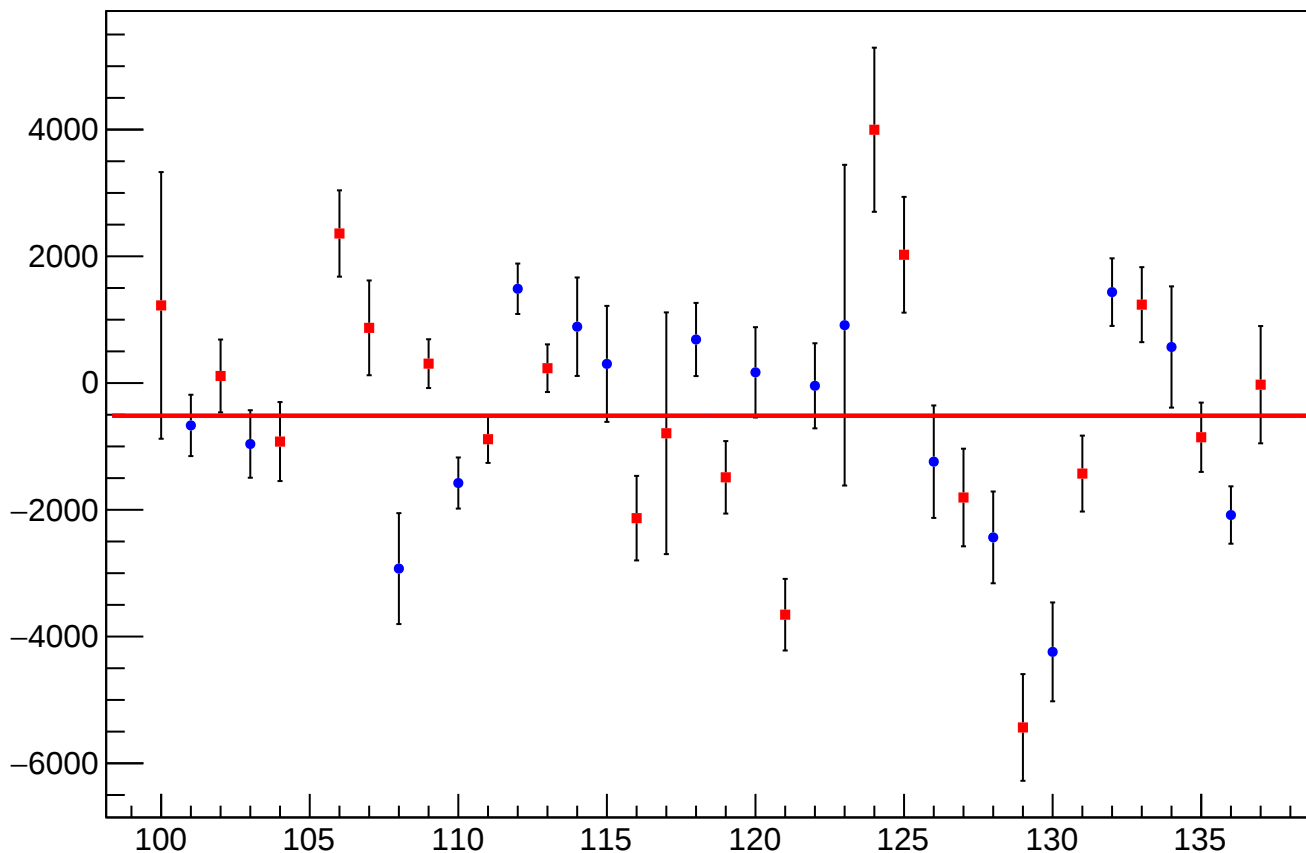
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.428+/-0.081 χ^2/NDF : 339820.0/16

288.547+/-0.056 χ^2/NDF : 795814.0/36

288.660+/-0.078 χ^2/NDF : 455989.7/19

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: -513.264+/-135.456 χ^2 /NDF: 141.3/19

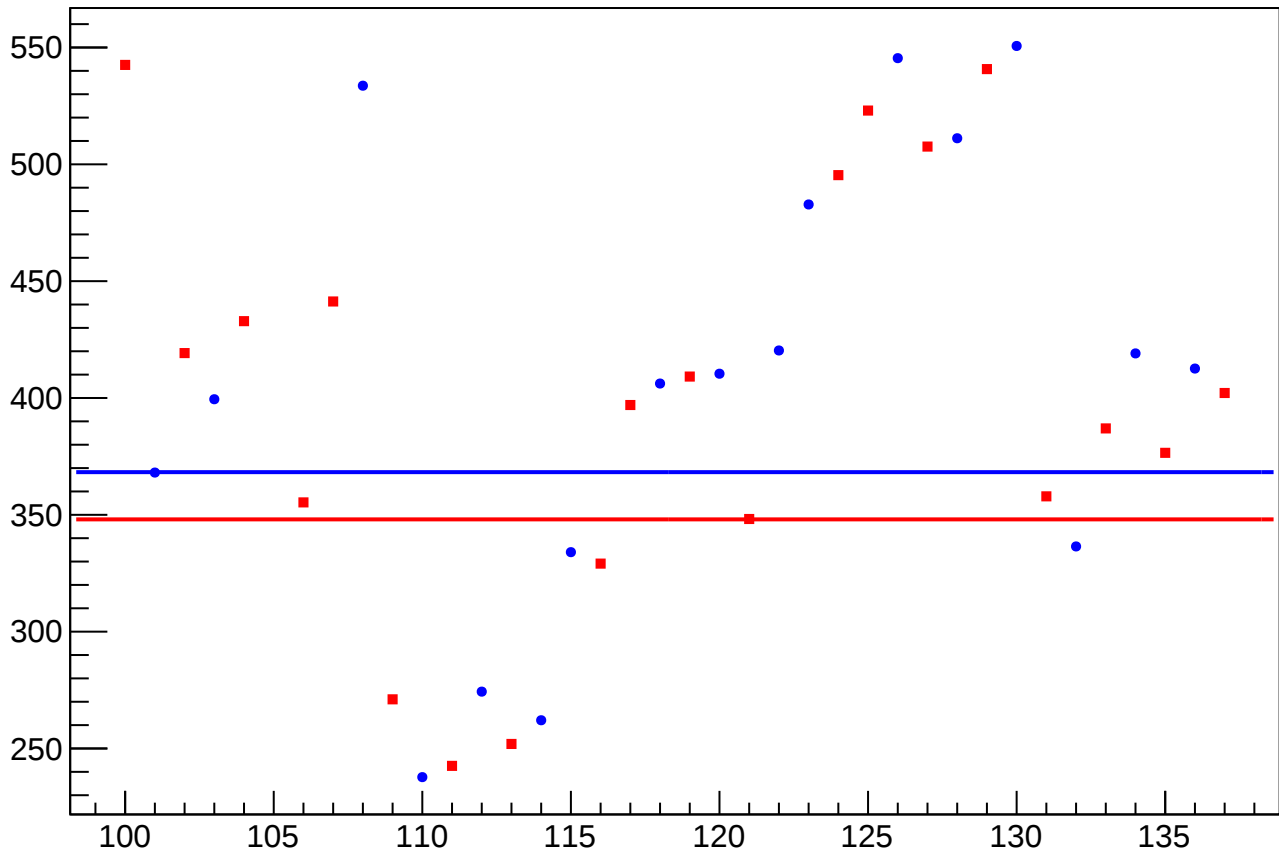
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-515.894+/-147.326 χ^2 /NDF: 108.0/16

-514.469+/-99.714 χ^2 /NDF: 249.3/36

-513.264+/-135.456 χ^2 /NDF: 141.3/19

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: 348.050 $\pm$ 0.096 χ^2 /NDF: 823186.4/19

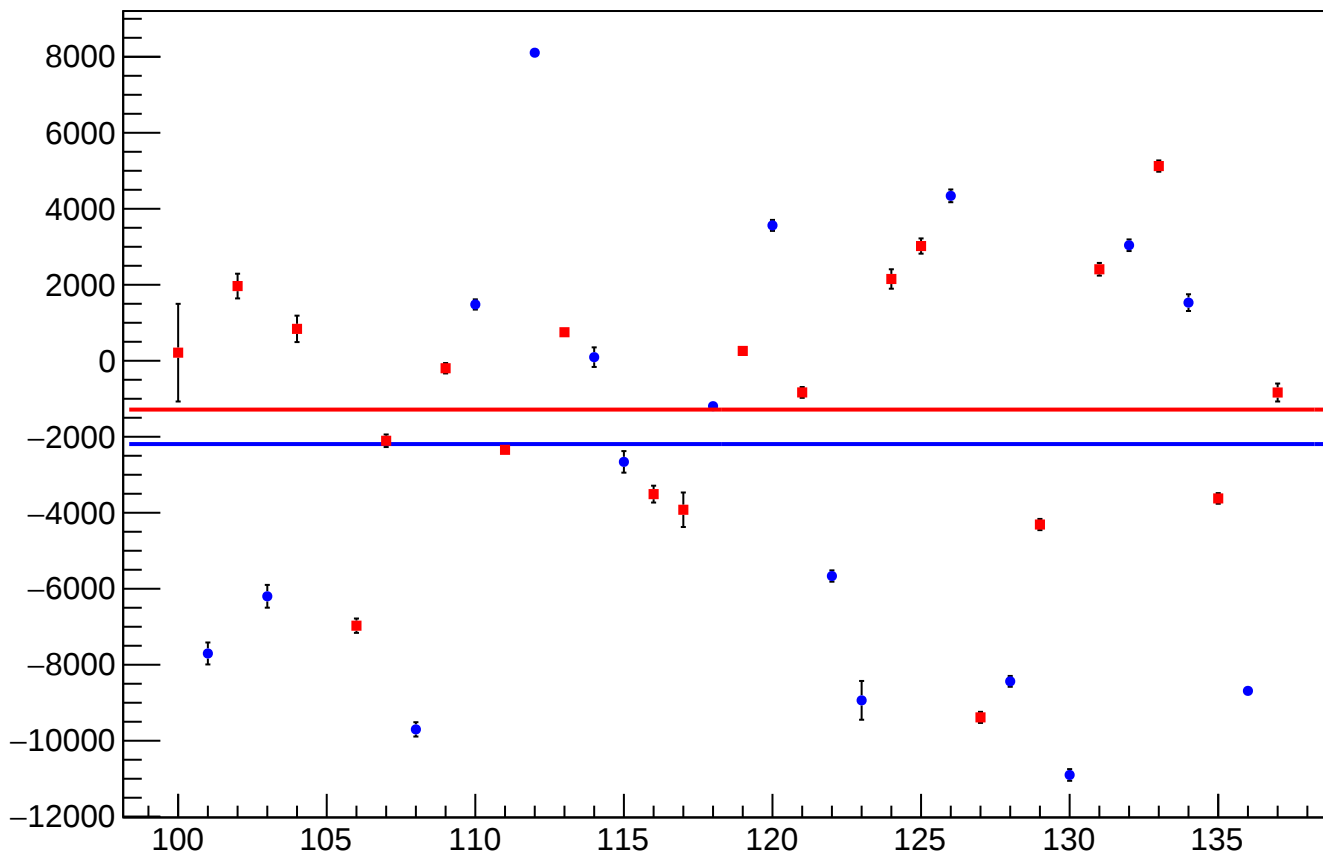
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

368.264 $\pm$ 0.104 χ^2 /NDF: 770116.6/16

357.310 $\pm$ 0.071 χ^2 /NDF: 1613705.8/36

348.050 $\pm$ 0.096 χ^2 /NDF: 823186.4/19

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2192.327 $\pm$ 39.944 χ^2 /NDF: 22813.5/16

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

Right Out: -1284.692 $\pm$ 37.915 χ^2 /NDF: 8584.4/19

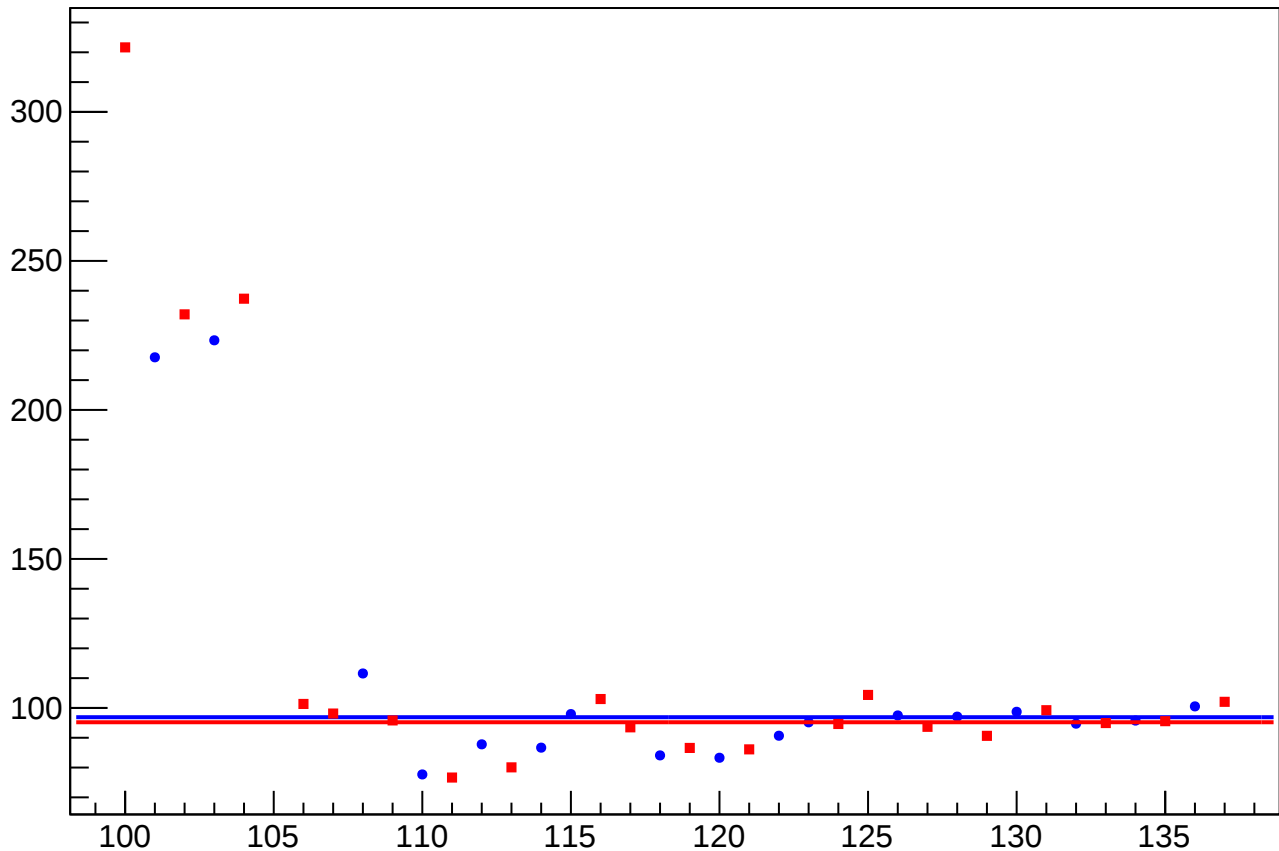
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-2192.327 $\pm$ 39.944 χ^2 /NDF: 22813.5/16

-1714.877 $\pm$ 27.499 χ^2 /NDF: 31669.6/36

-1284.692 $\pm$ 37.915 χ^2 /NDF: 8584.4/19

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: 95.201 $\pm$ 0.027 χ^2 /NDF: 859838.2/19

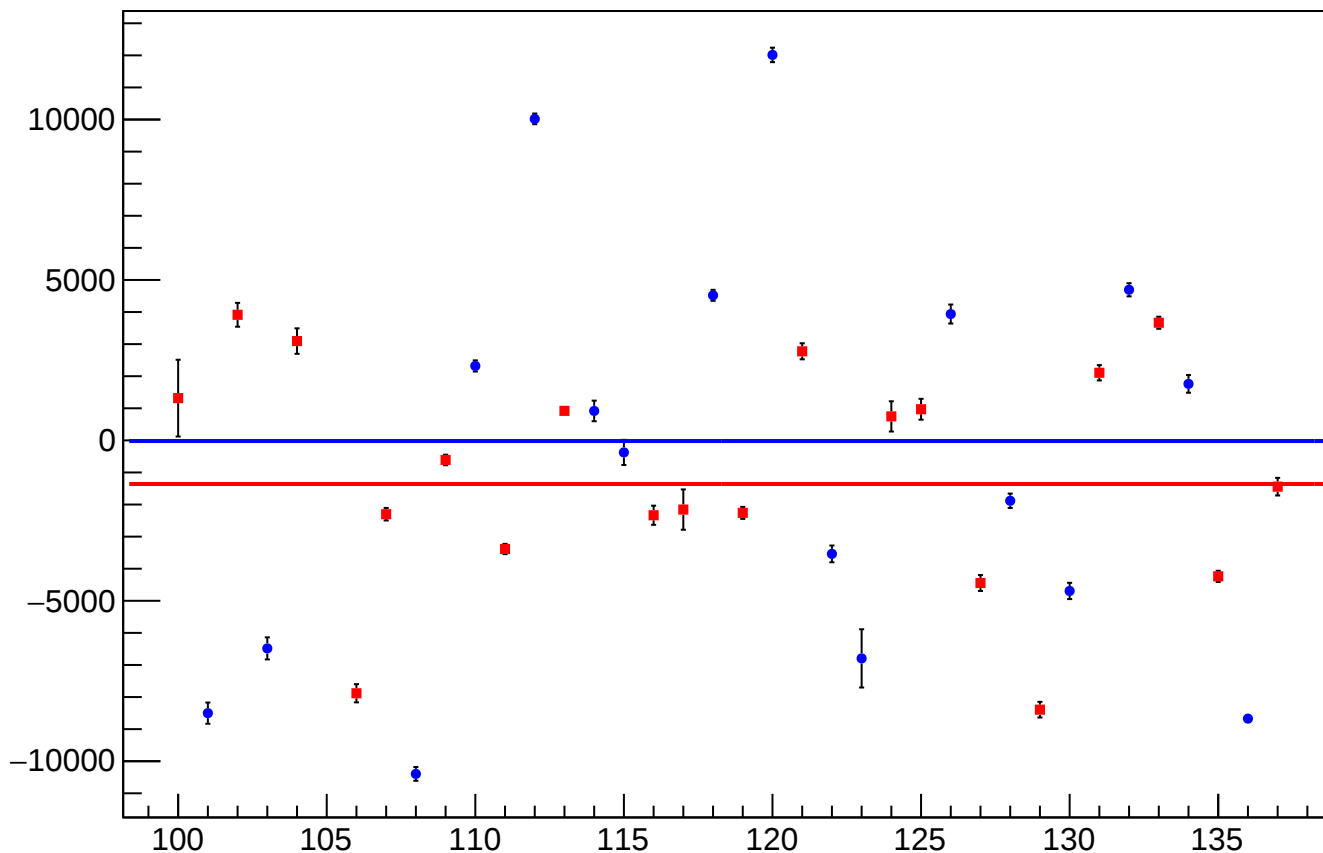
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

96.894 $\pm$ 0.028 χ^2 /NDF: 817229.9/16

96.004 $\pm$ 0.019 χ^2 /NDF: 1678956.7/36

95.201 $\pm$ 0.027 χ^2 /NDF: 859838.2/19

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -19.990+/-54.643 χ^2 /NDF: 16361.0/16

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

Right Out: -1359.001+/-52.186 χ^2 /NDF: 3838.8/19

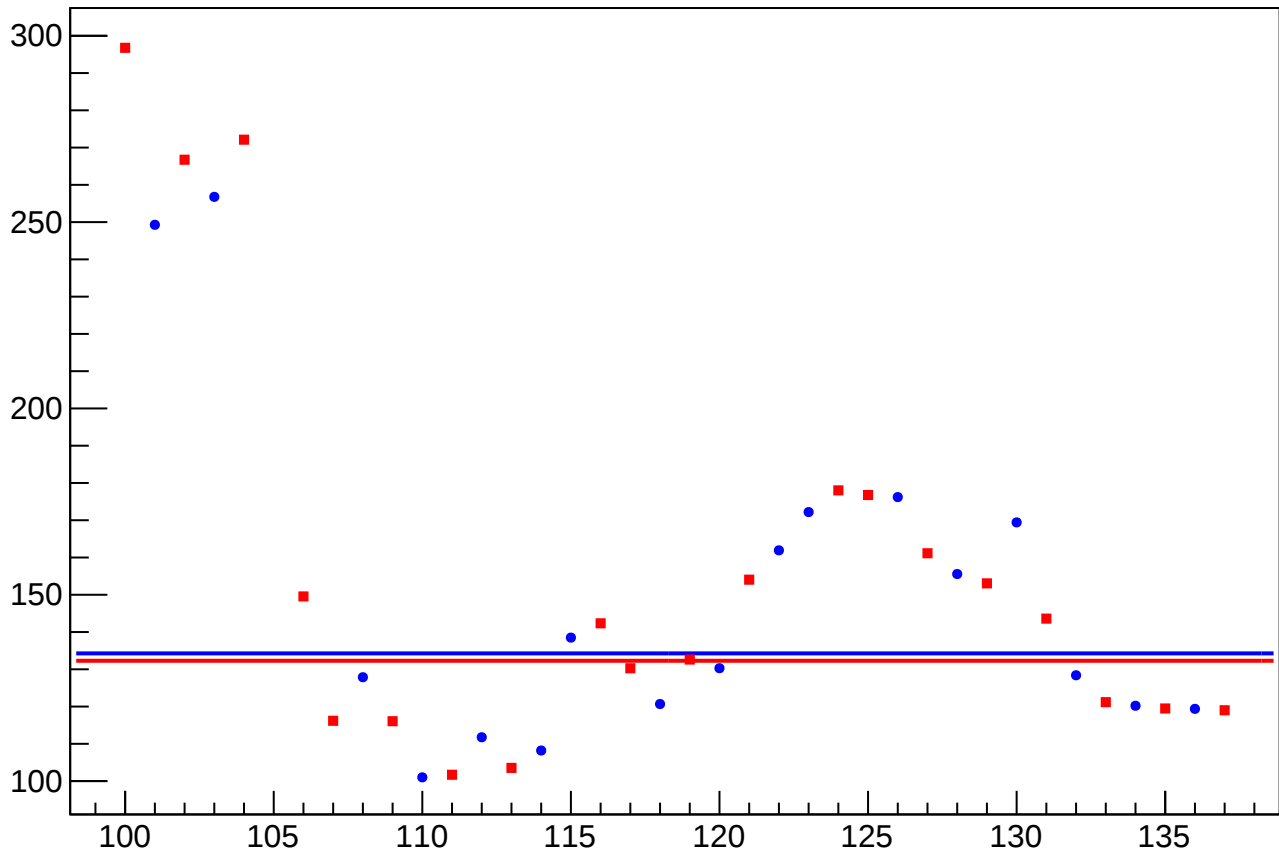
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-19.990+/-54.643 χ^2 /NDF: 16361.0/16

-720.283+/-37.740 χ^2 /NDF: 20513.9/36

-1359.001+/-52.186 χ^2 /NDF: 3838.8/19

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: 132.288+/-0.037 χ^2/NDF : 869913.4/19

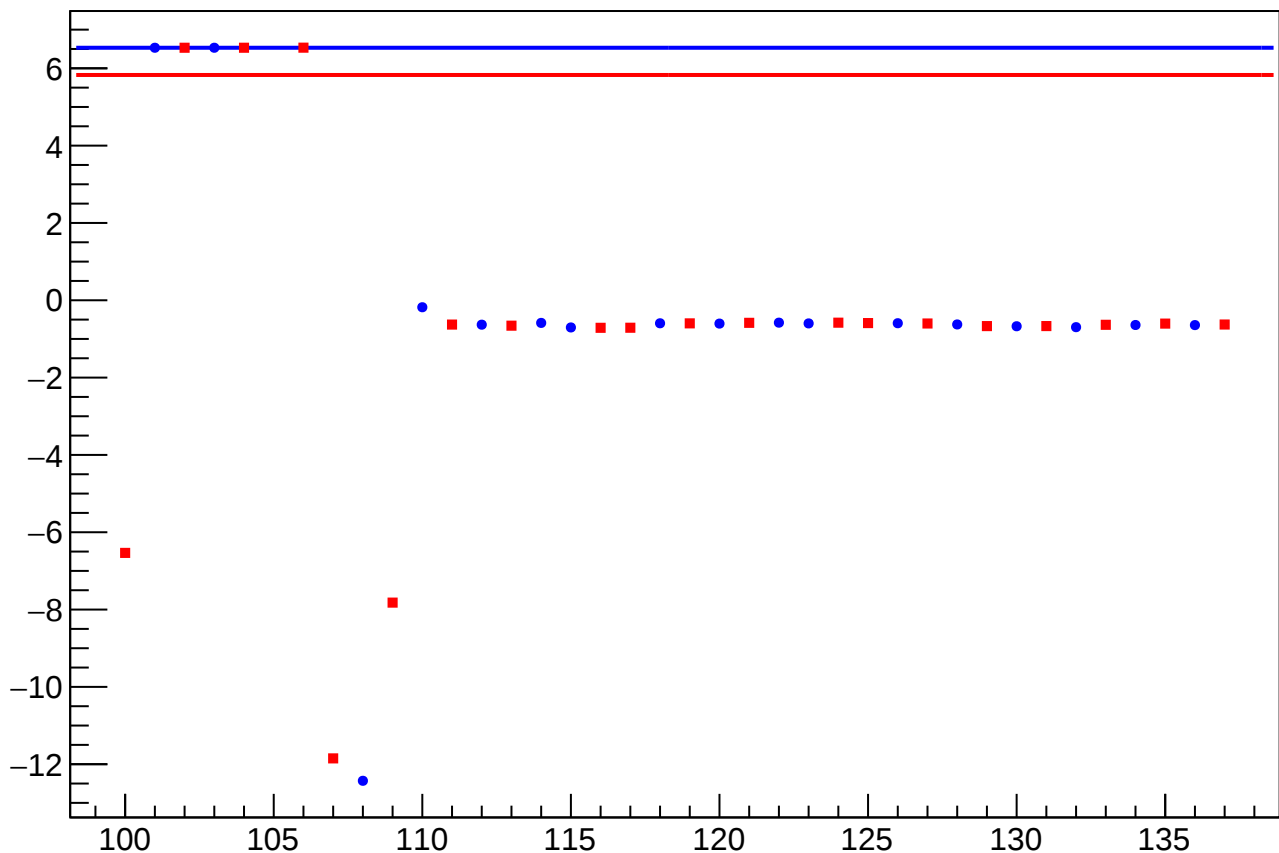
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.268+/-0.039 χ^2/NDF : 788647.0/16

133.232+/-0.027 χ^2/NDF : 1659932.9/36

132.288+/-0.037 χ^2/NDF : 869913.4/19

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

Right Out: 5.827+/-0.000 χ^2/NDF : 755949520765363.8/19

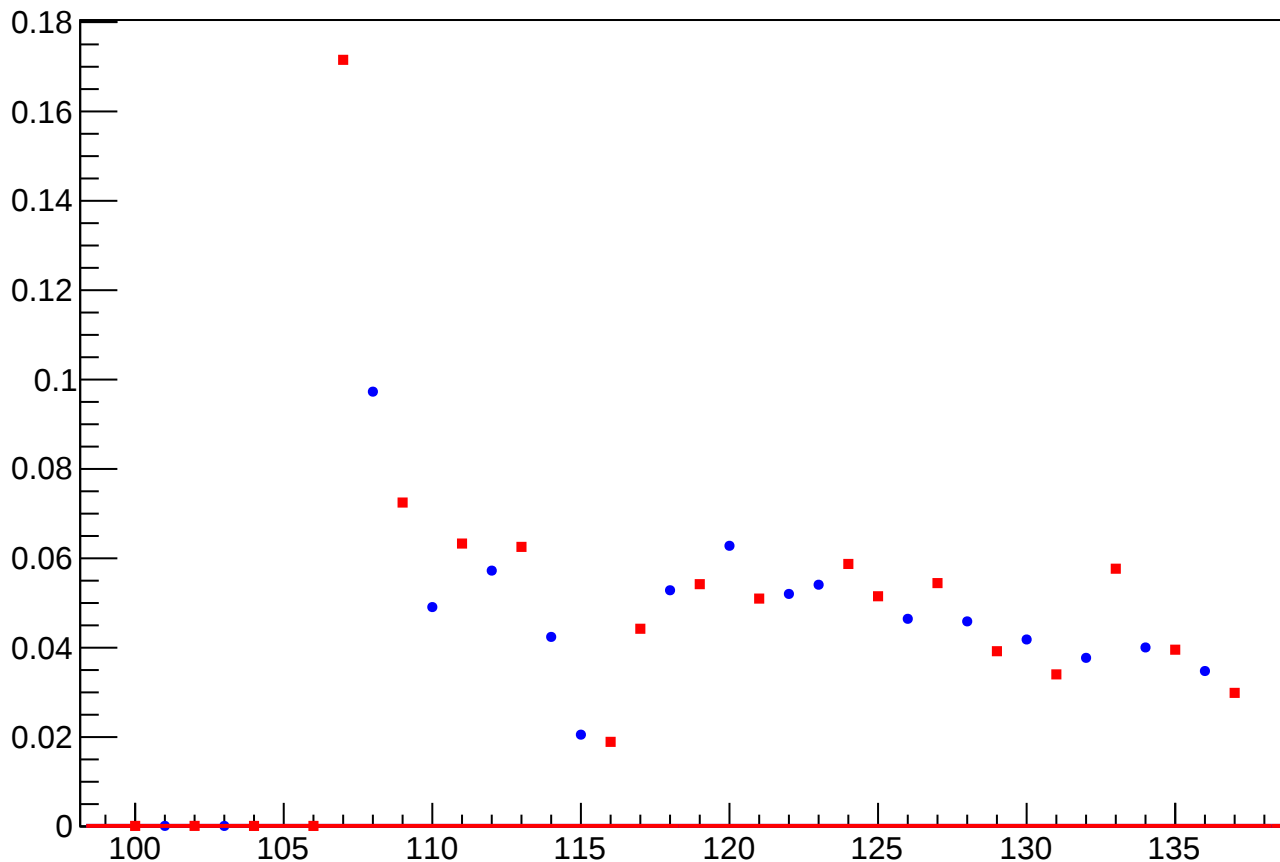
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 127906780672.7/16

6.155+/-0.000 χ^2/NDF : 77608078625207

5.827+/-0.000 χ^2/NDF : 755949520765363.8/19

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 : 9453181.1/19

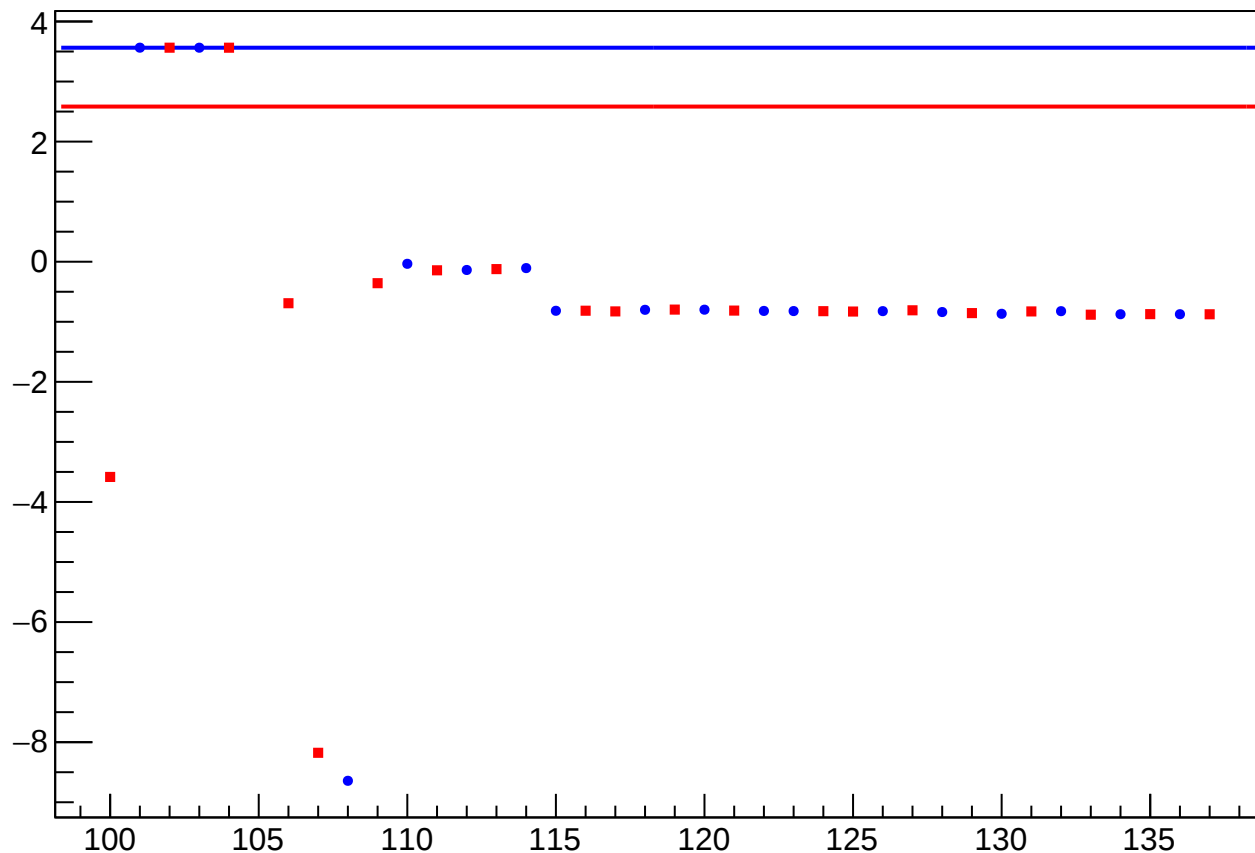
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9028405.7/16

0.000+/-0.000 χ^2/NDF : 18481832.6/36

0.000+/-0.000 χ^2/NDF : 9453181.1/19

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 : 1253506756008351.0/19

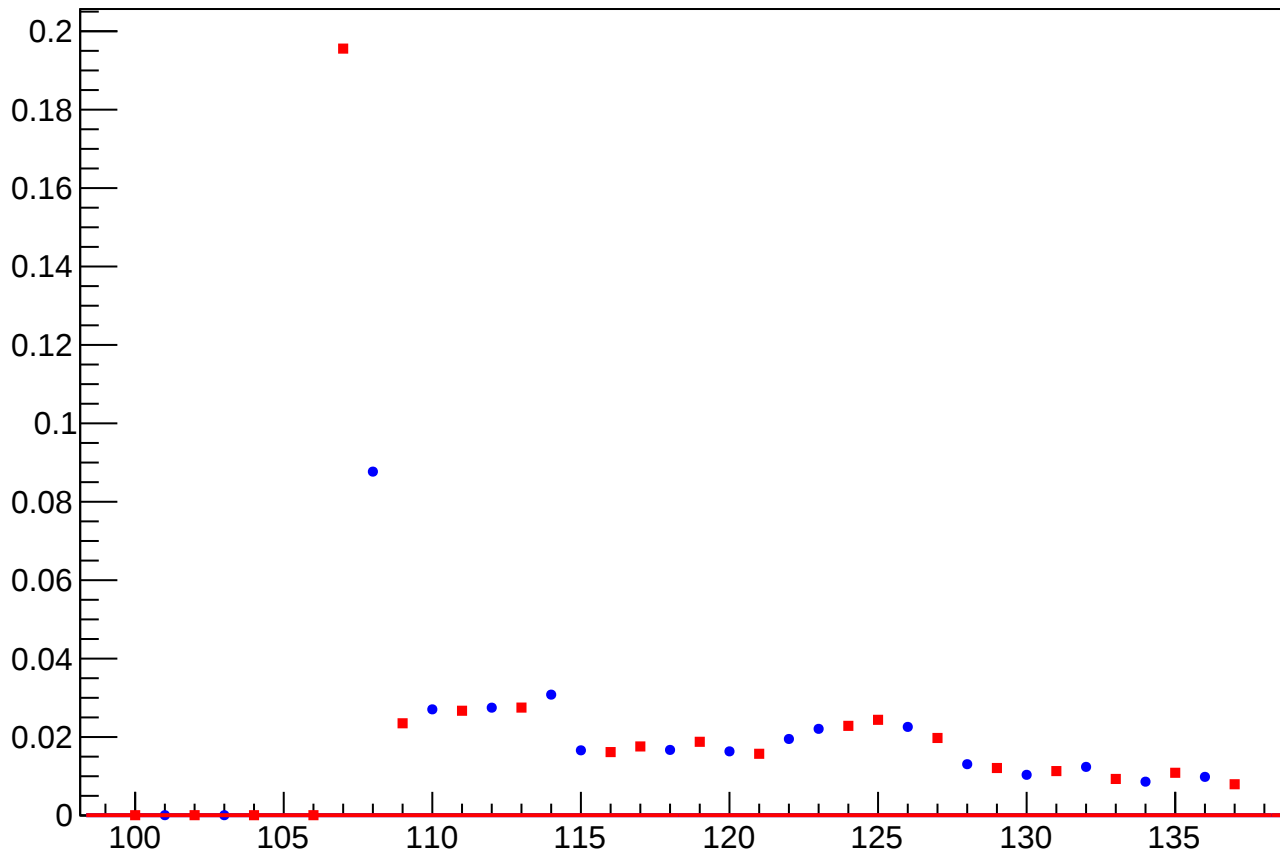
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 486958795673.0/16

3.040+/-0.000 χ^2/NDF : 13822650895982

2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

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 : 9955781.5/19

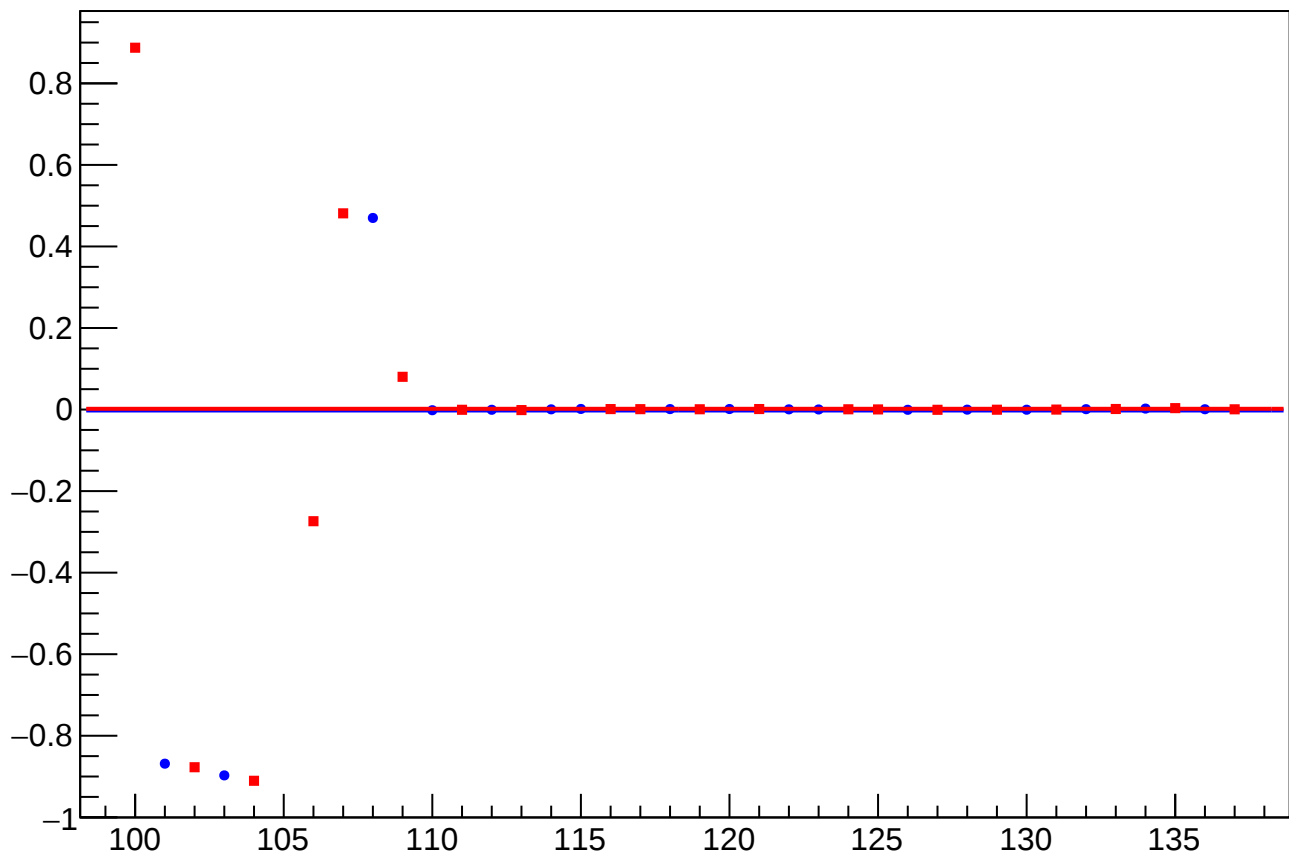
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9848258.0/16

0.000+/-0.000 χ^2/NDF : 19804316.9/36

0.000+/-0.000 χ^2/NDF : 9955781.5/19

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 : 3041335141.0/19

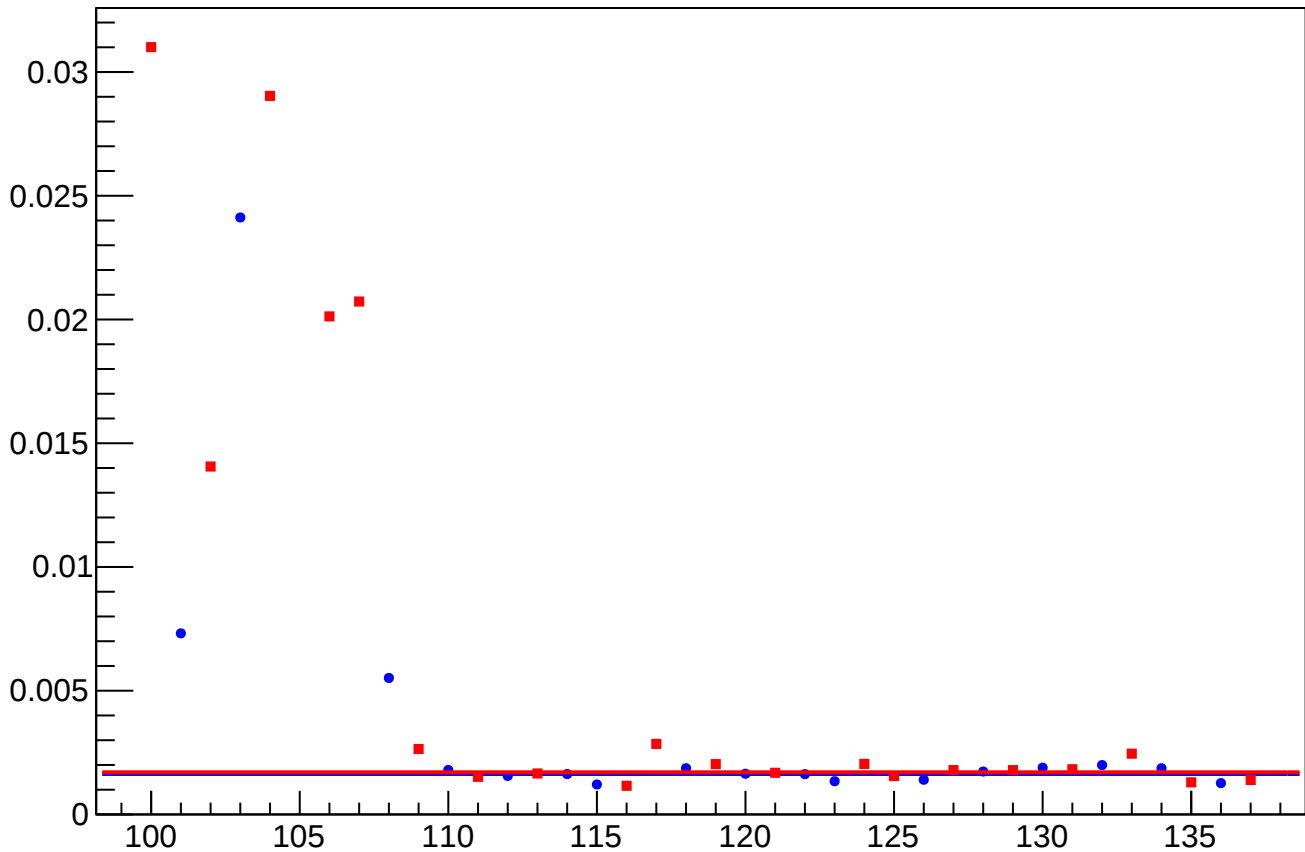
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.002+/-0.000 χ^2/NDF : 9795424036.3/16

-0.000+/-0.000 χ^2/NDF : 12850567467.8/19

0.002+/-0.000 χ^2/NDF : 3041335141.0/19

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 : 3038397.4/19

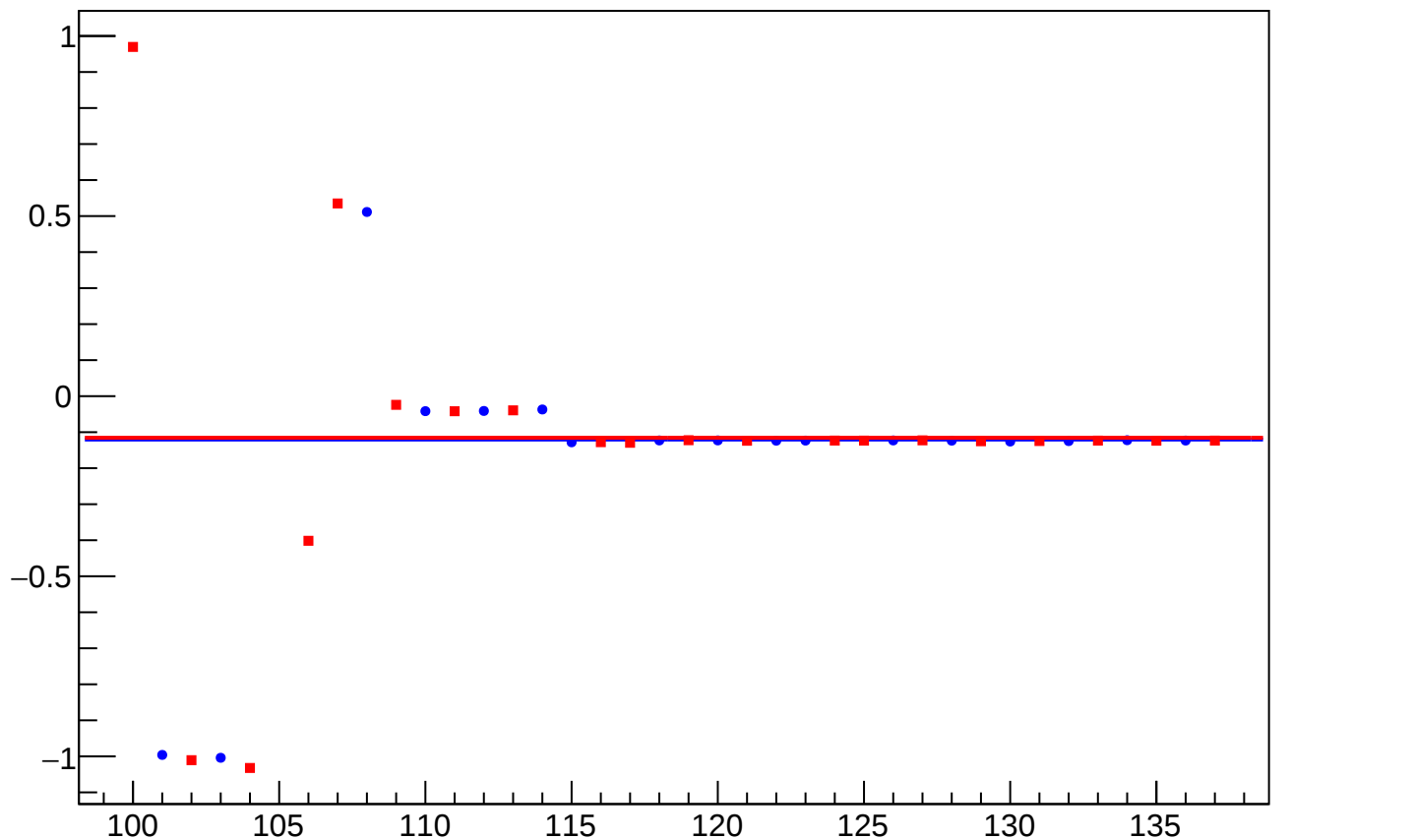
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1919127.9/16

0.002+/-0.000 χ^2/NDF : 4964833.2/36

0.002+/-0.000 χ^2/NDF : 3038397.4/19

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 : 2458720596.9/19

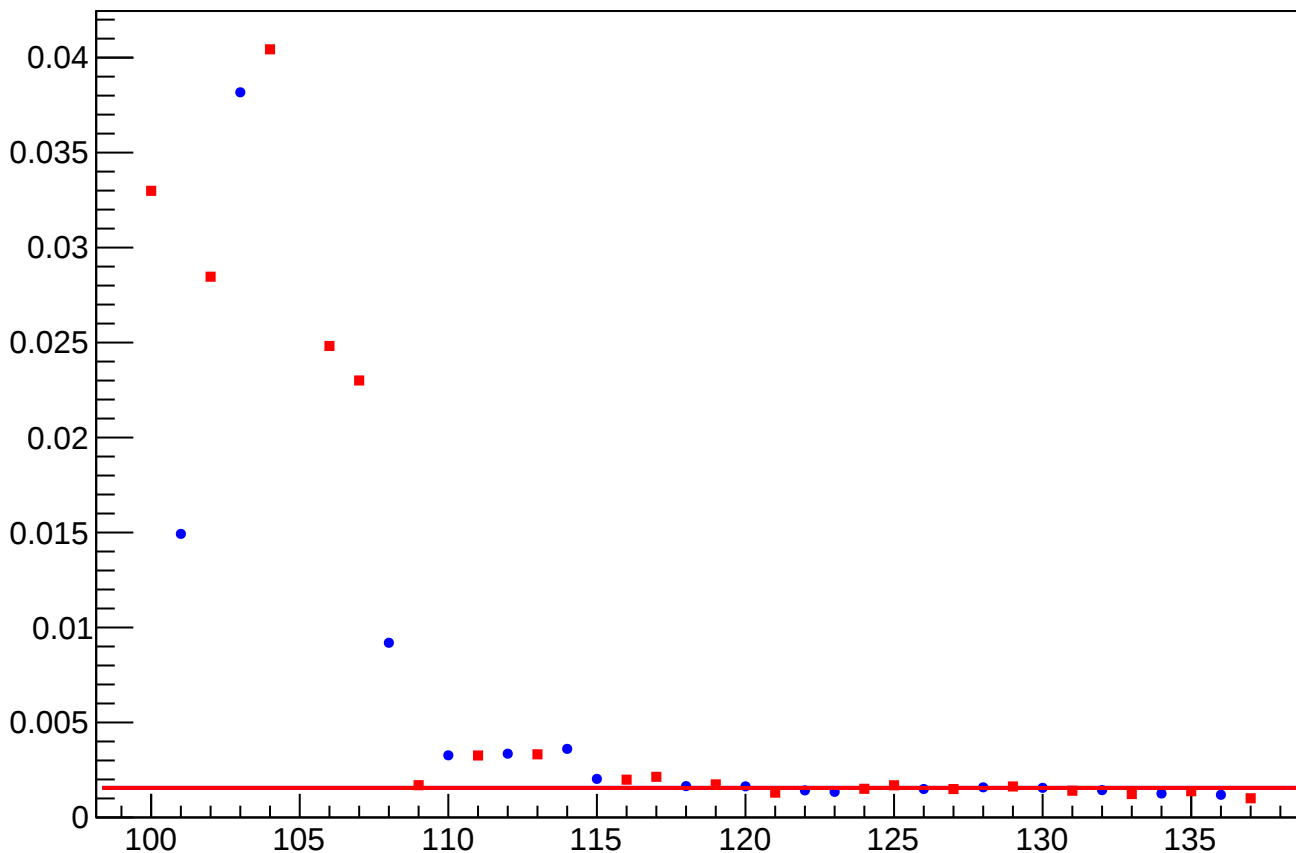
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.120+/-0.000 χ^2/NDF : 3932311162.8/16

-0.118+/-0.000 χ^2/NDF : 6413528691.4/30

-0.115+/-0.000 χ^2/NDF : 2458720596.9/19

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2903607.4/16

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

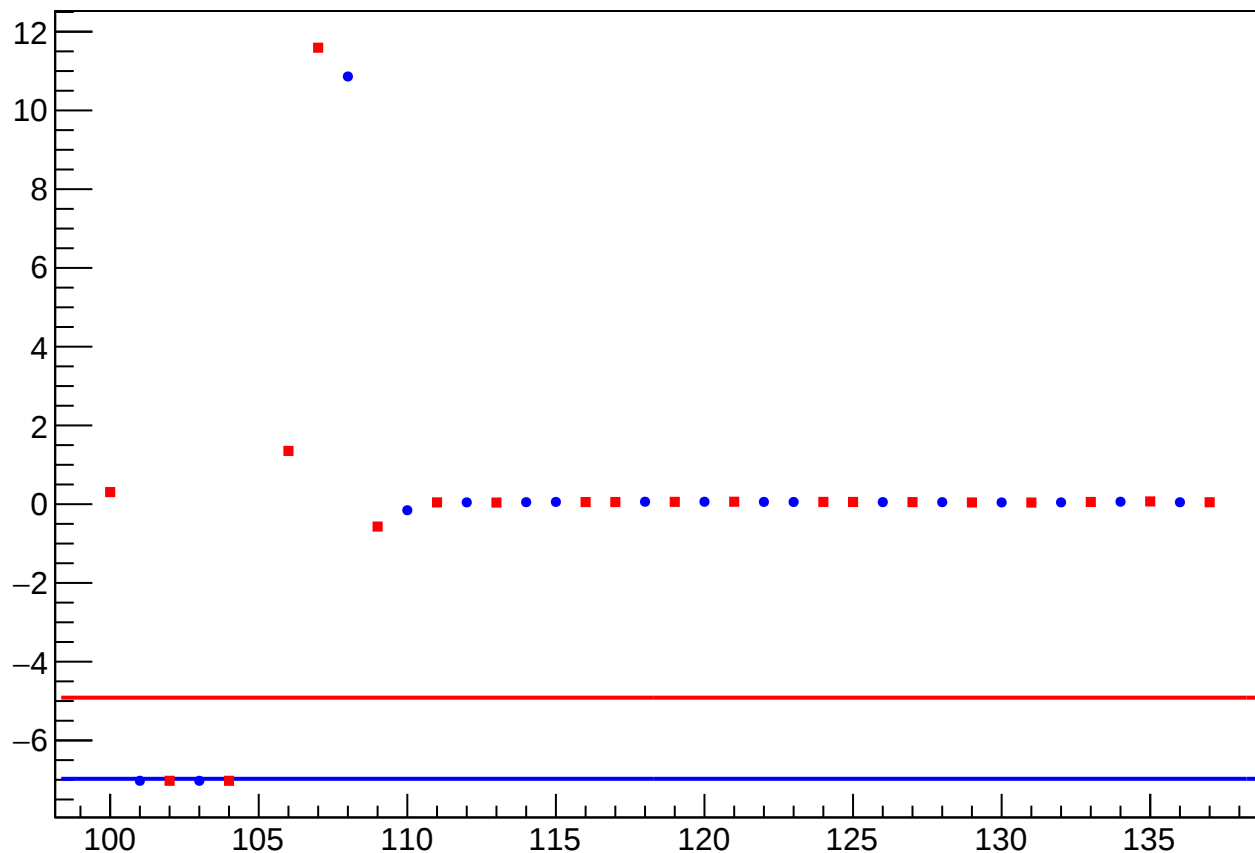
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 2903607.4/16

0.002 $\pm$ 0.000 χ^2 /NDF: 6447996.8/36

0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

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 : 365366243956054.8/19

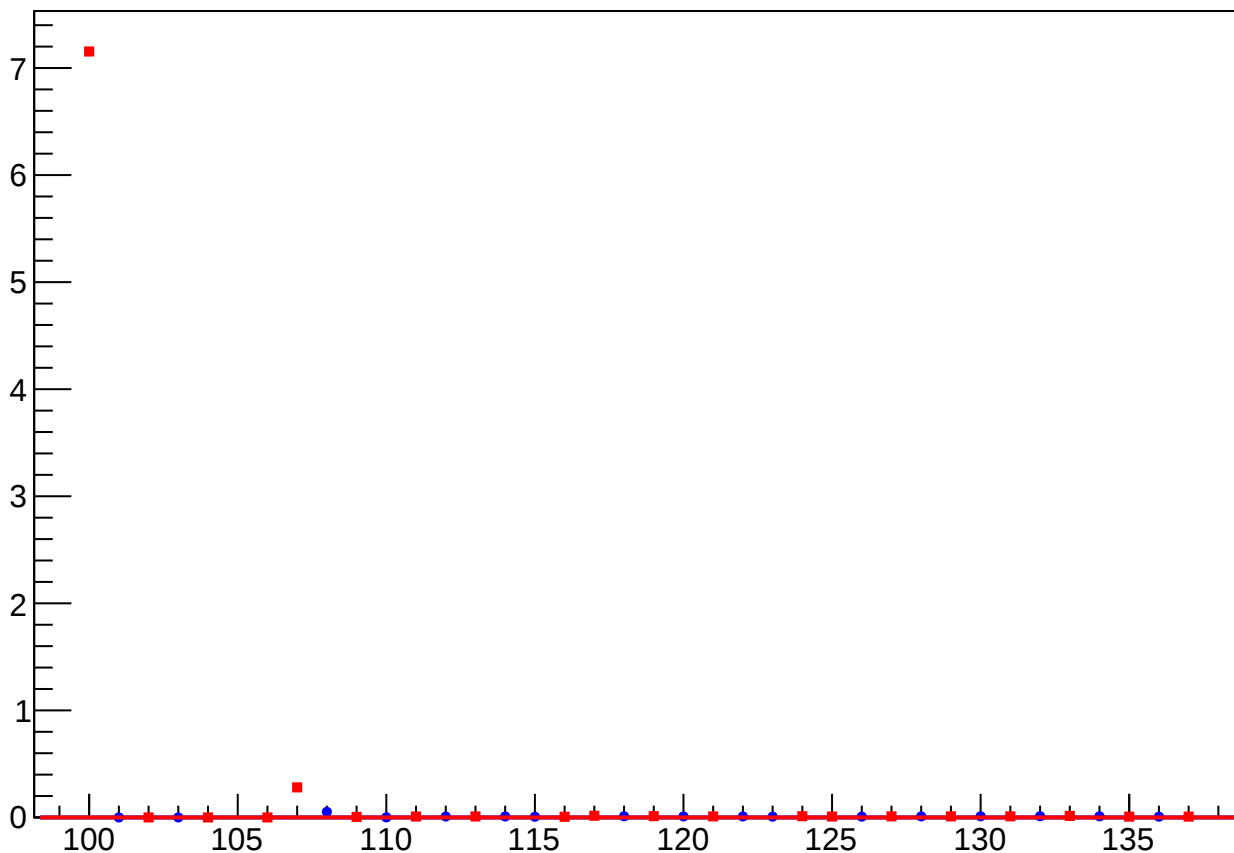
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

-5.900+/-0.000 χ^2/NDF : 4303460335840.0/16

-4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

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: 8880914.4/19

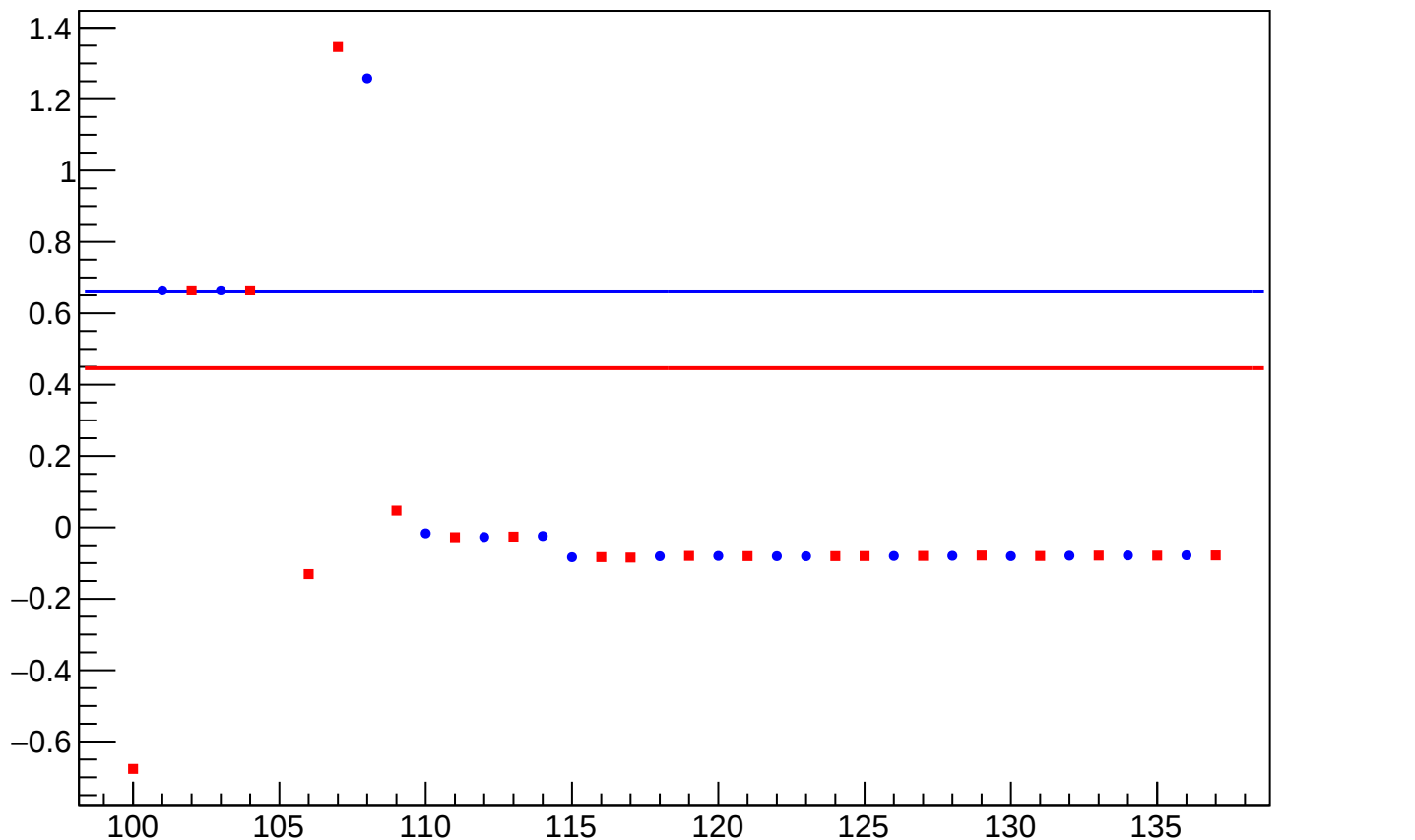
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 8362763.6/16

0.000+/-0.000 χ^2 /NDF: 17243991.6/36

0.000+/-0.000 χ^2 /NDF: 8880914.4/19

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 : 405434749783850.4/19

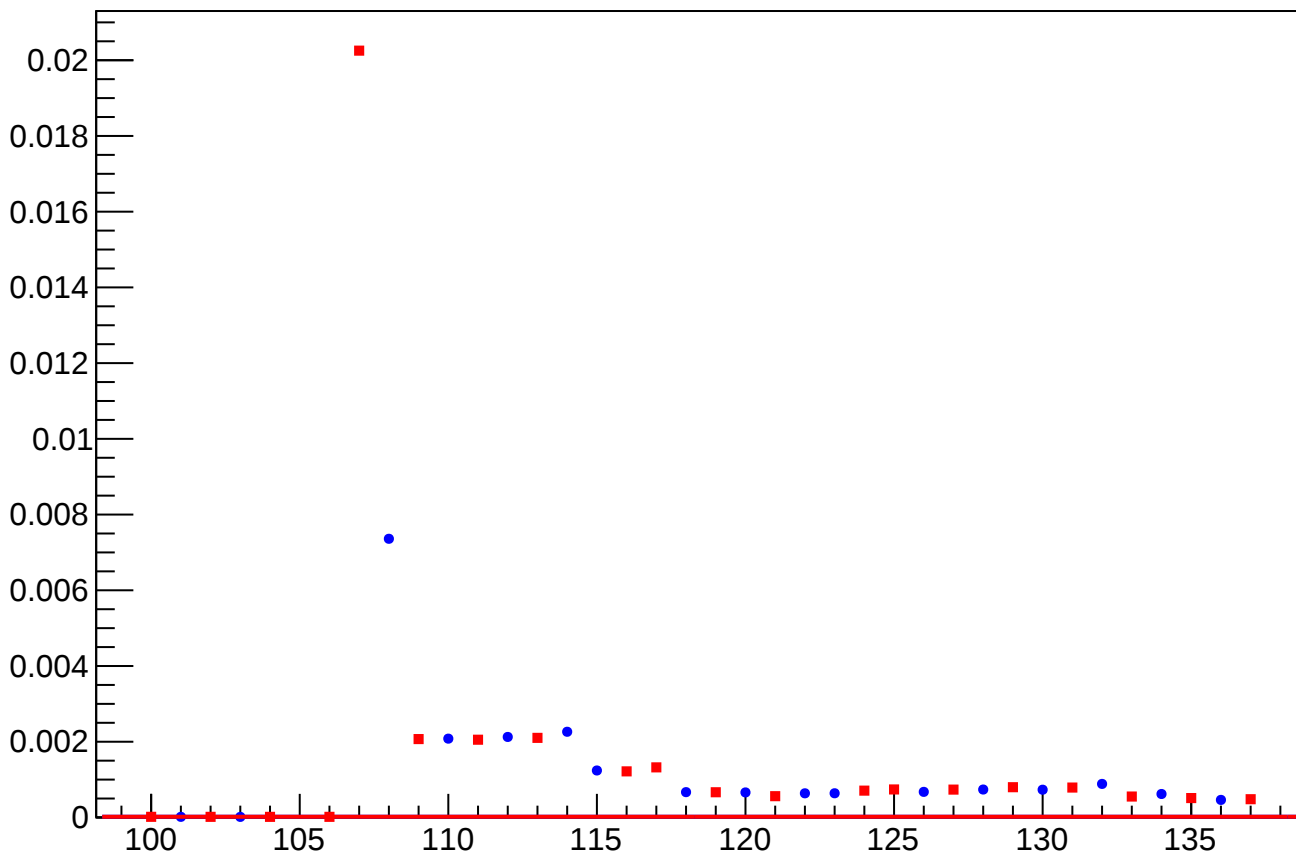
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

0.549+/-0.000 χ^2/NDF : 47402355009330

0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

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 : 9575039.3/19

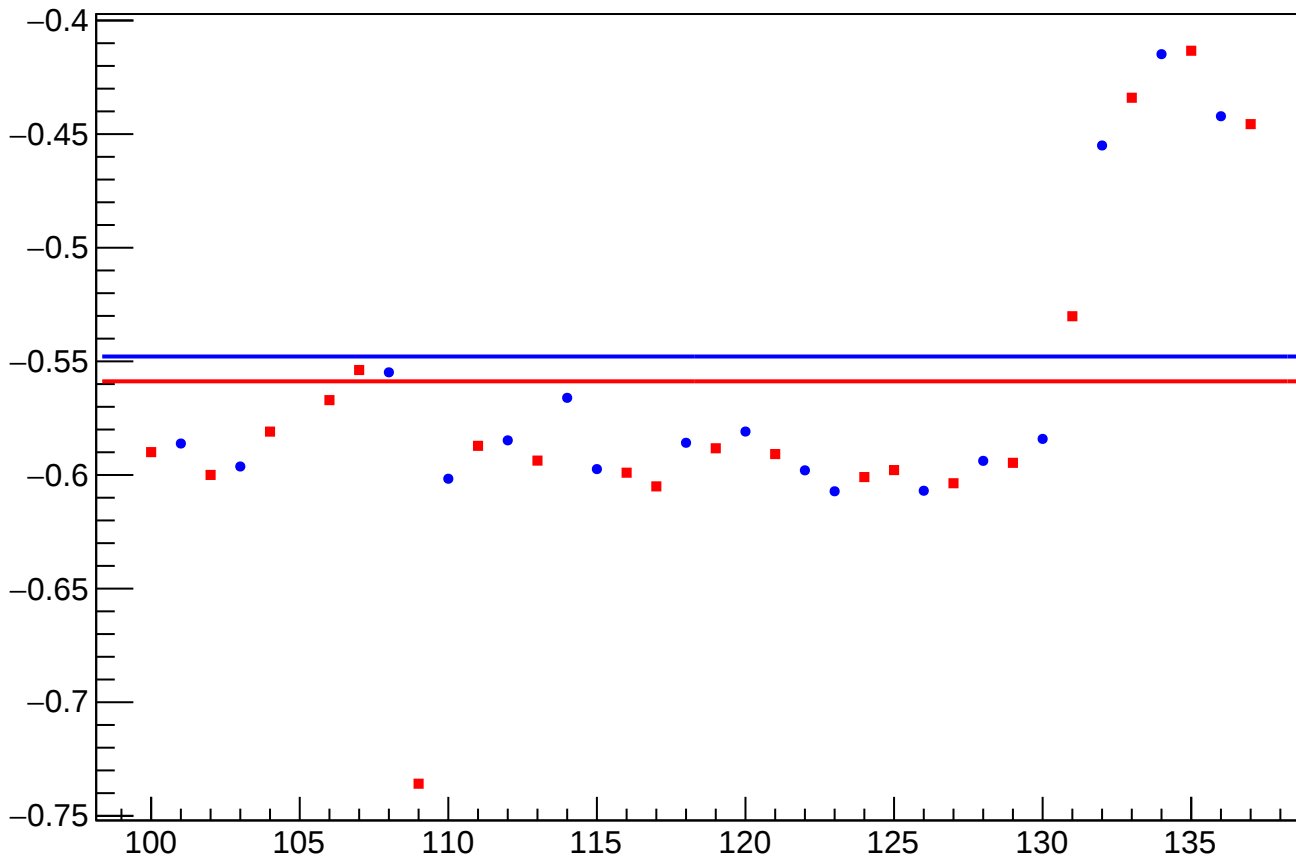
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 9997012.7/16

0.000+/-0.000 χ^2/NDF : 19572065.5/36

0.000+/-0.000 χ^2/NDF : 9575039.3/19

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: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

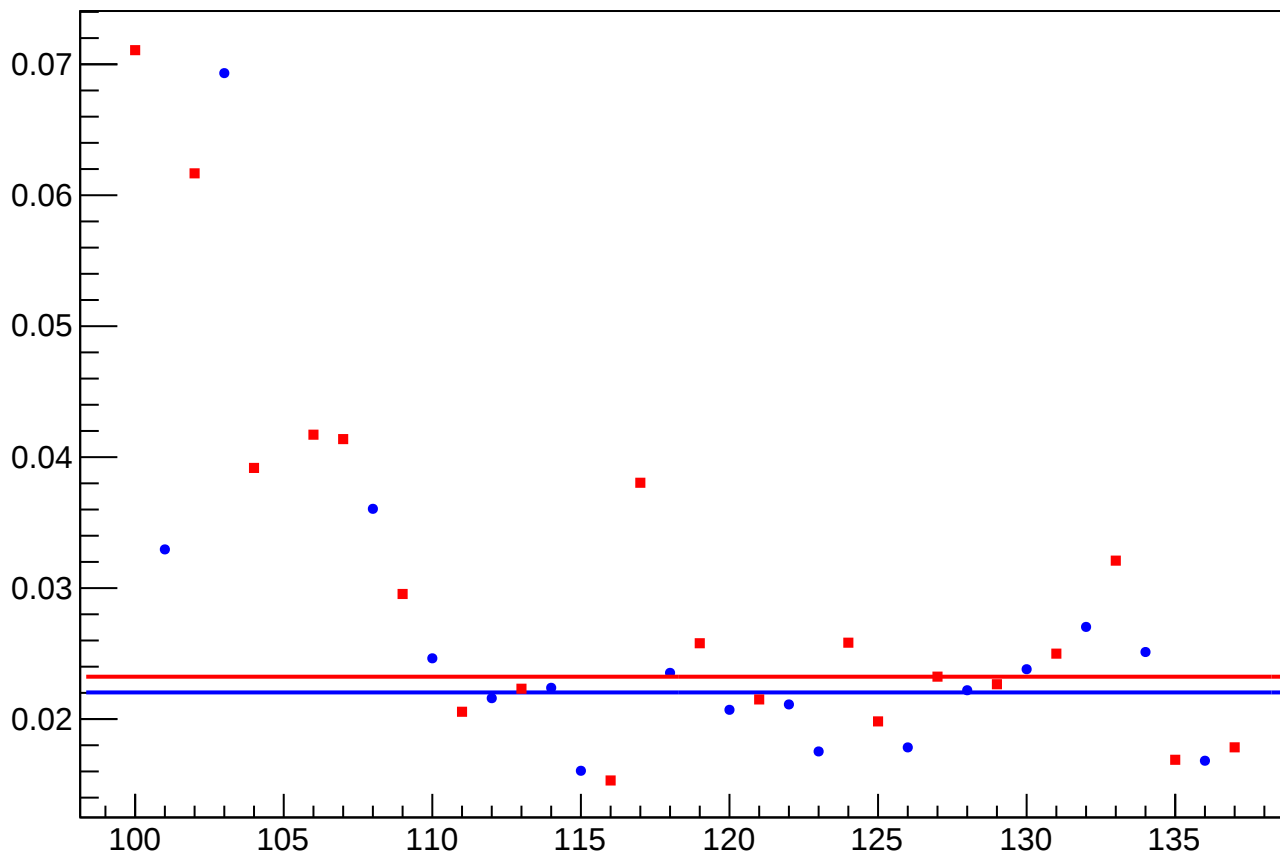
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.548+/-0.000 χ^2/NDF : 48579920.8/16

-0.553+/-0.000 χ^2/NDF : 114931886.4/36

-0.559+/-0.000 χ^2/NDF : 65741796.4/19

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: 0.023+/-0.000 χ^2/NDF : 1169205.3/19

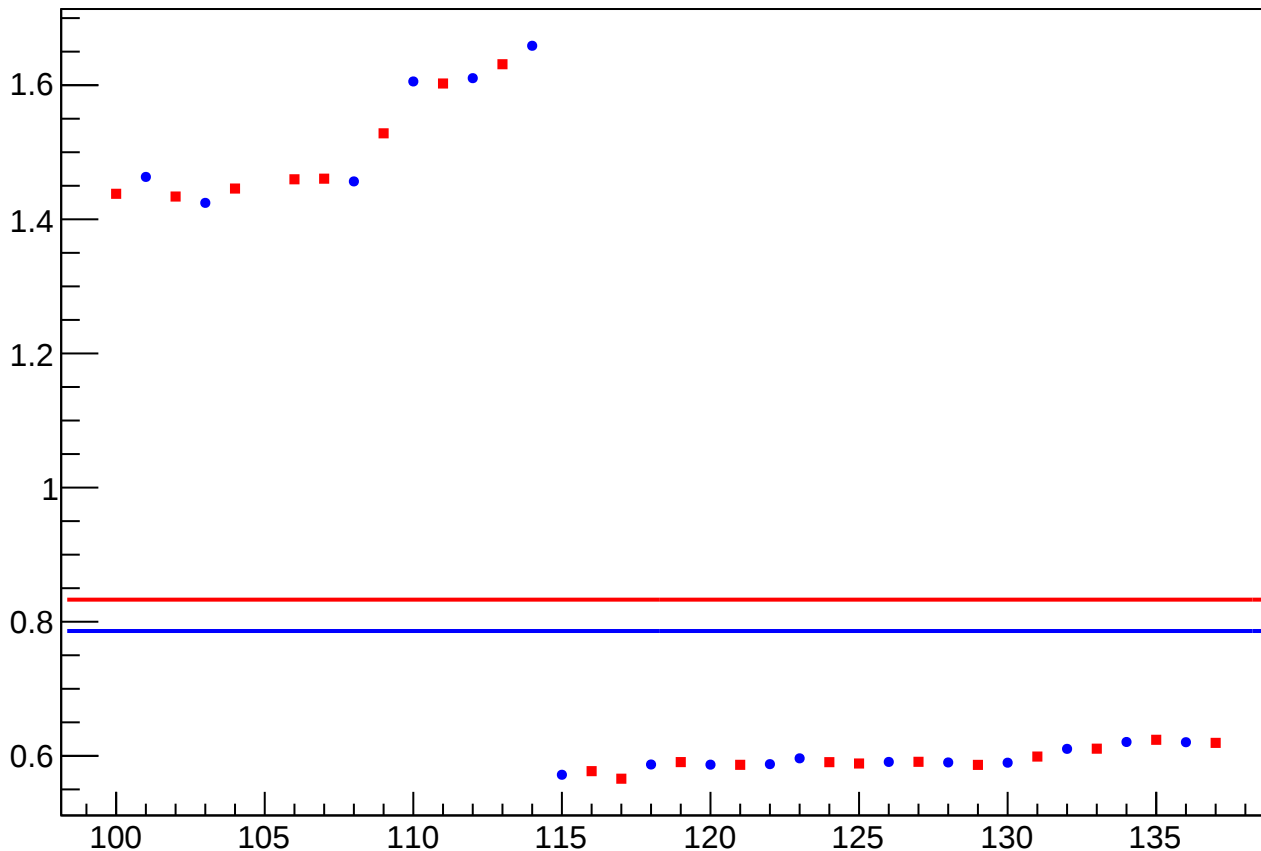
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 958966.6/16

0.023+/-0.000 χ^2/NDF : 2142925.6/36

0.023+/-0.000 χ^2/NDF : 1169205.3/19

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: 0.833+/-0.000 χ^2/NDF : 4160348649.7/19

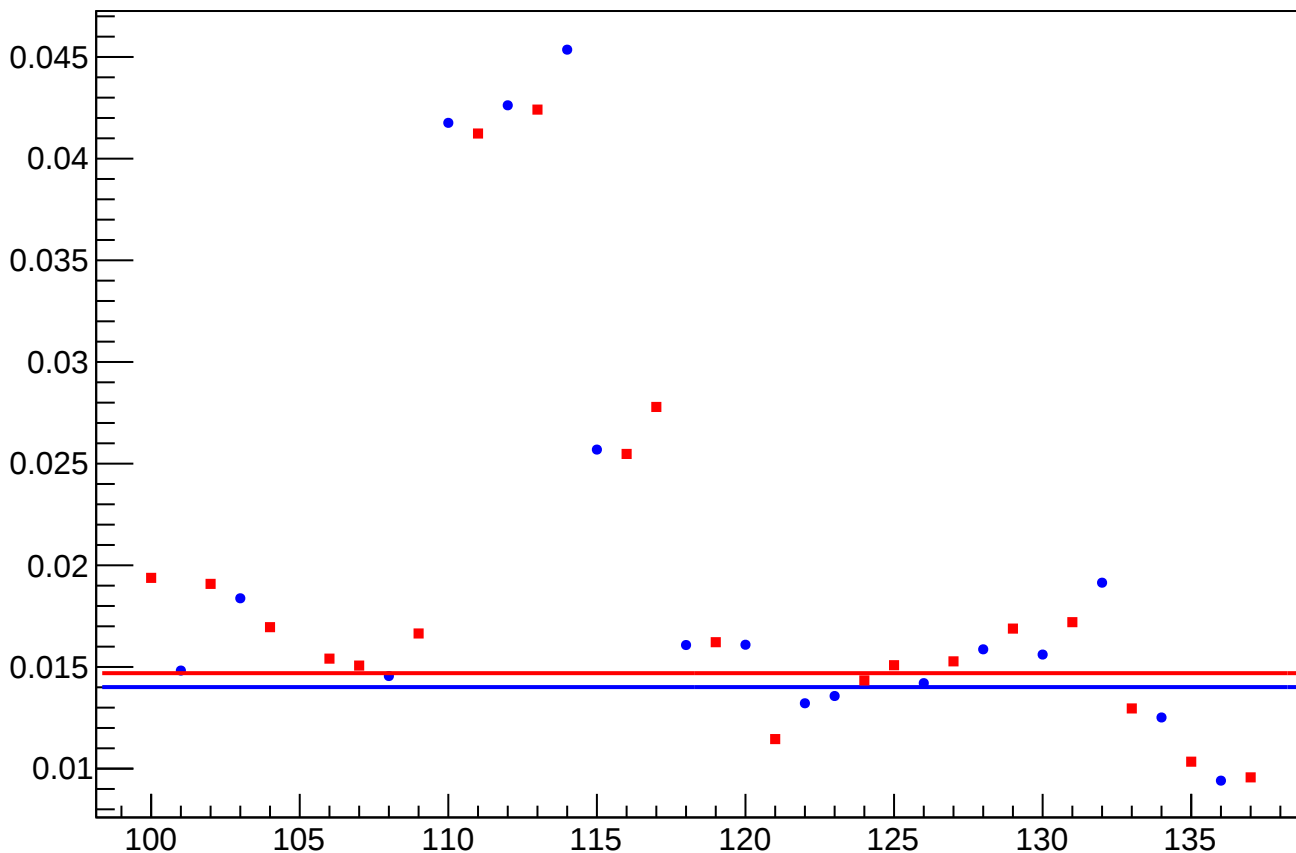
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.786+/-0.000 χ^2/NDF : 3590113316.1/16

0.809+/-0.000 χ^2/NDF : 7781561847.3/36

0.833+/-0.000 χ^2/NDF : 4160348649.7/19

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 : 1280473.4/19

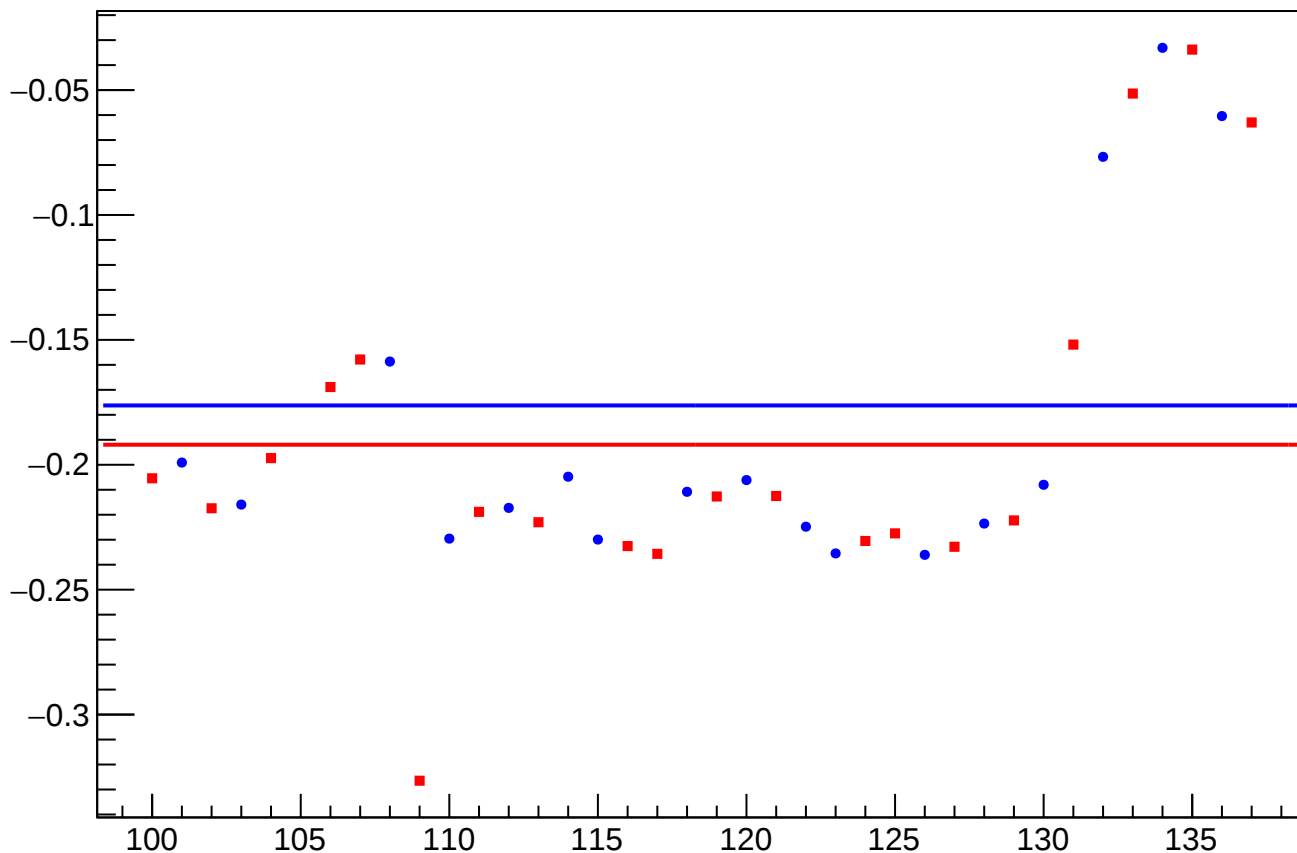
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1404865.3/16

0.014+/-0.000 χ^2/NDF : 2698684.6/36

0.015+/-0.000 χ^2/NDF : 1280473.4/19

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: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

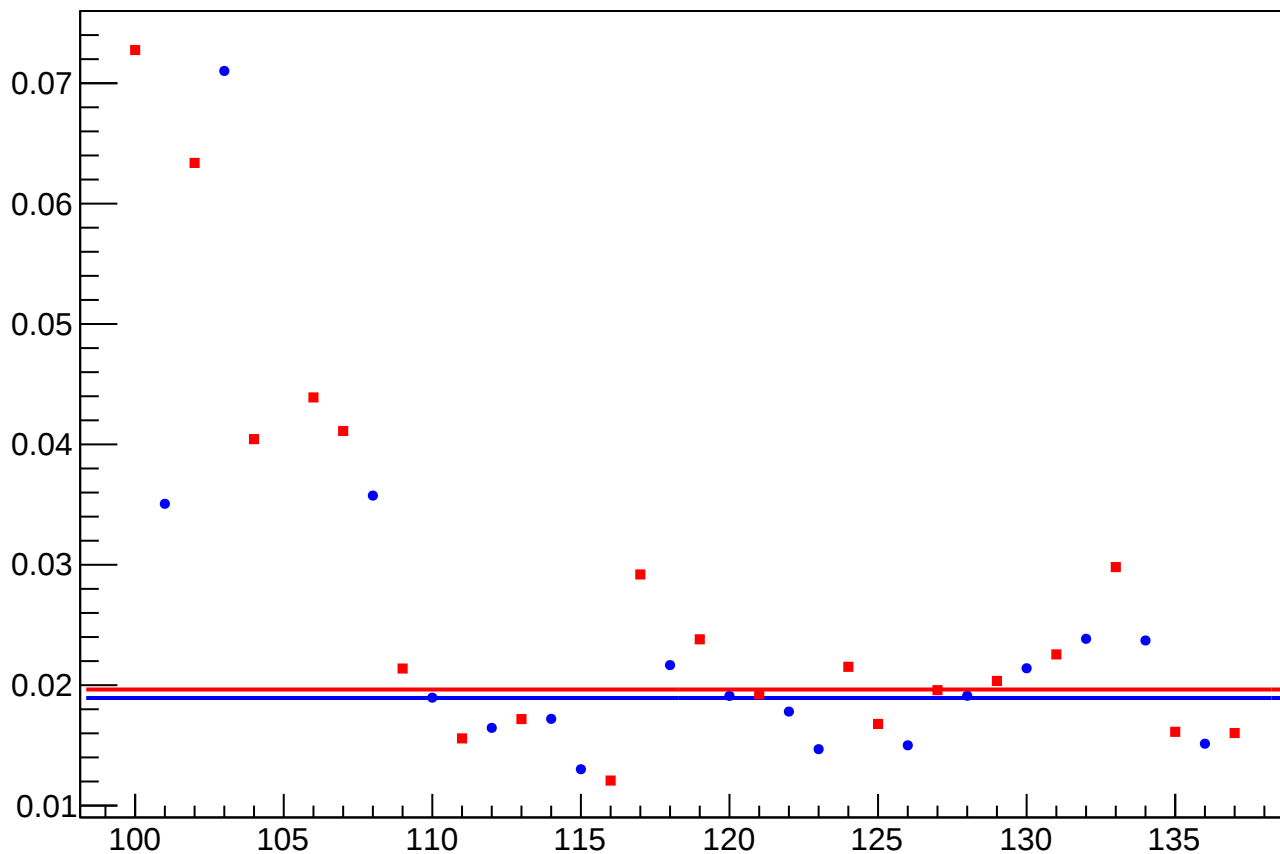
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.176+/-0.000 χ^2/NDF : 70137178.3/16

-0.184+/-0.000 χ^2/NDF : 155737371.6/36

-0.192+/-0.000 χ^2/NDF : 83899255.4/19

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 : 1466285.9/19

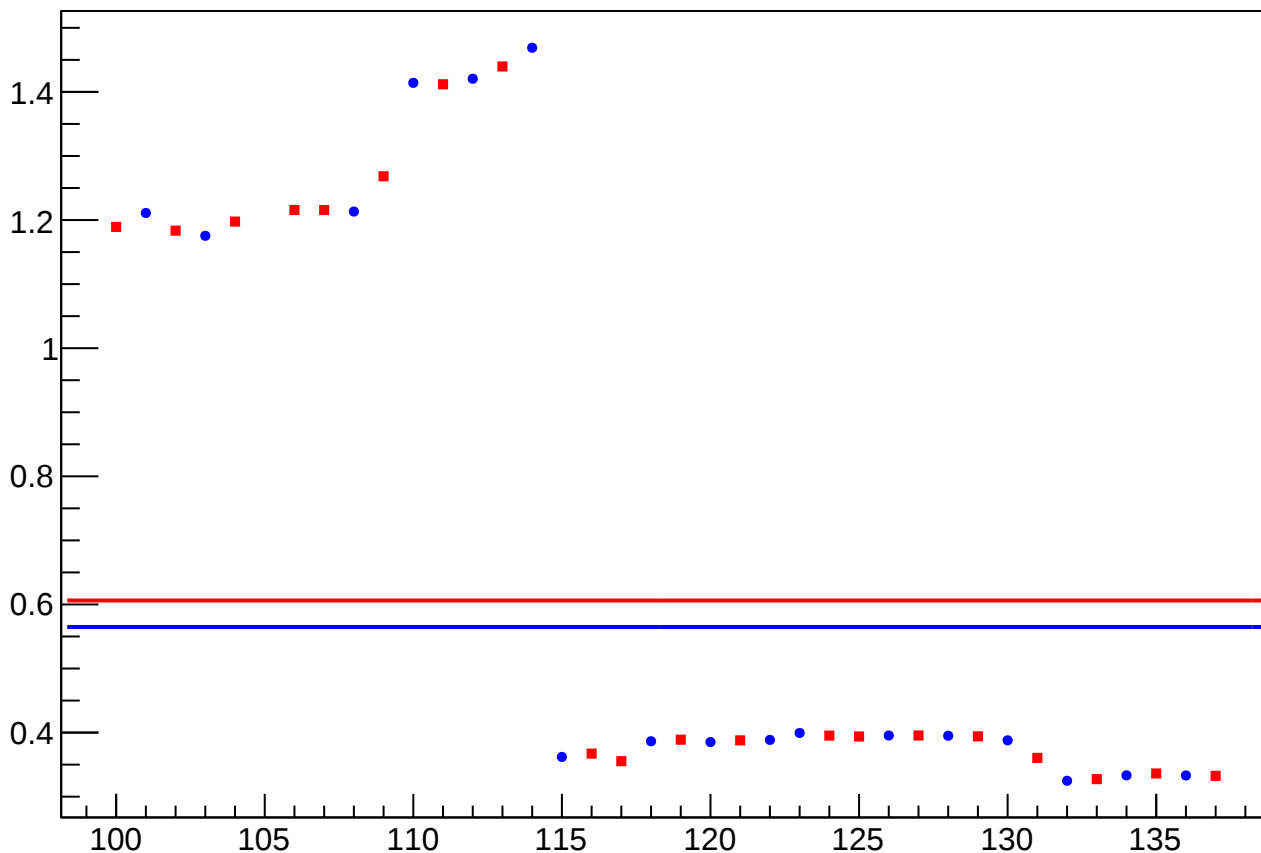
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1205858.0/16

0.019+/-0.000 χ^2/NDF : 2679027.9/36

0.020+/-0.000 χ^2/NDF : 1466285.9/19

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: 0.606+/-0.000 χ^2/NDF : 5517630064.2/19

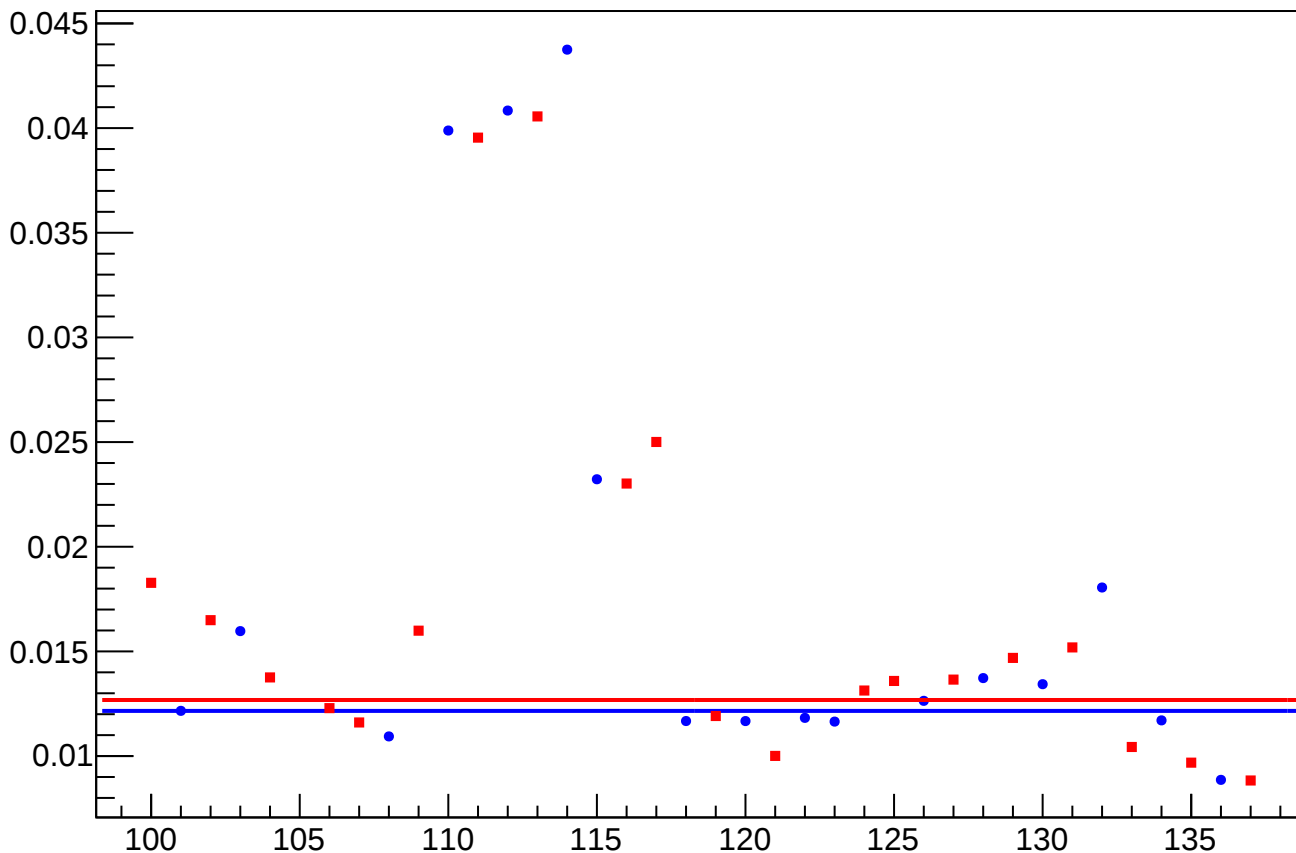
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.565+/-0.000 χ^2/NDF : 5030969499.3/16

0.585+/-0.000 χ^2/NDF : 10580770590.1/3

0.606+/-0.000 χ^2/NDF : 5517630064.2/19

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 : 1289415.7/19

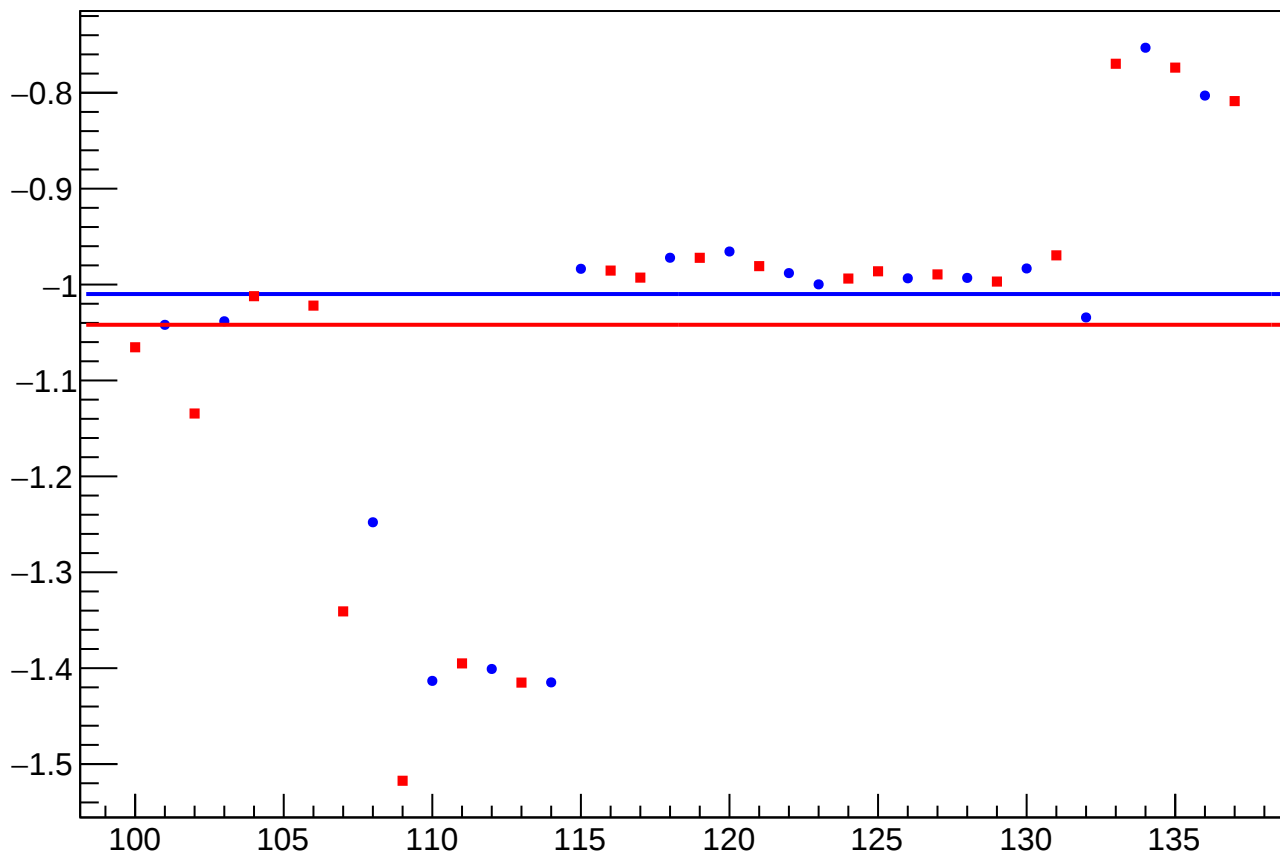
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1309888.8/16

0.012+/-0.000 χ^2/NDF : 2609515.8/36

0.013+/-0.000 χ^2/NDF : 1289415.7/19

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: -1.042+/-0.000 χ^2 /NDF: 530175104.2/19

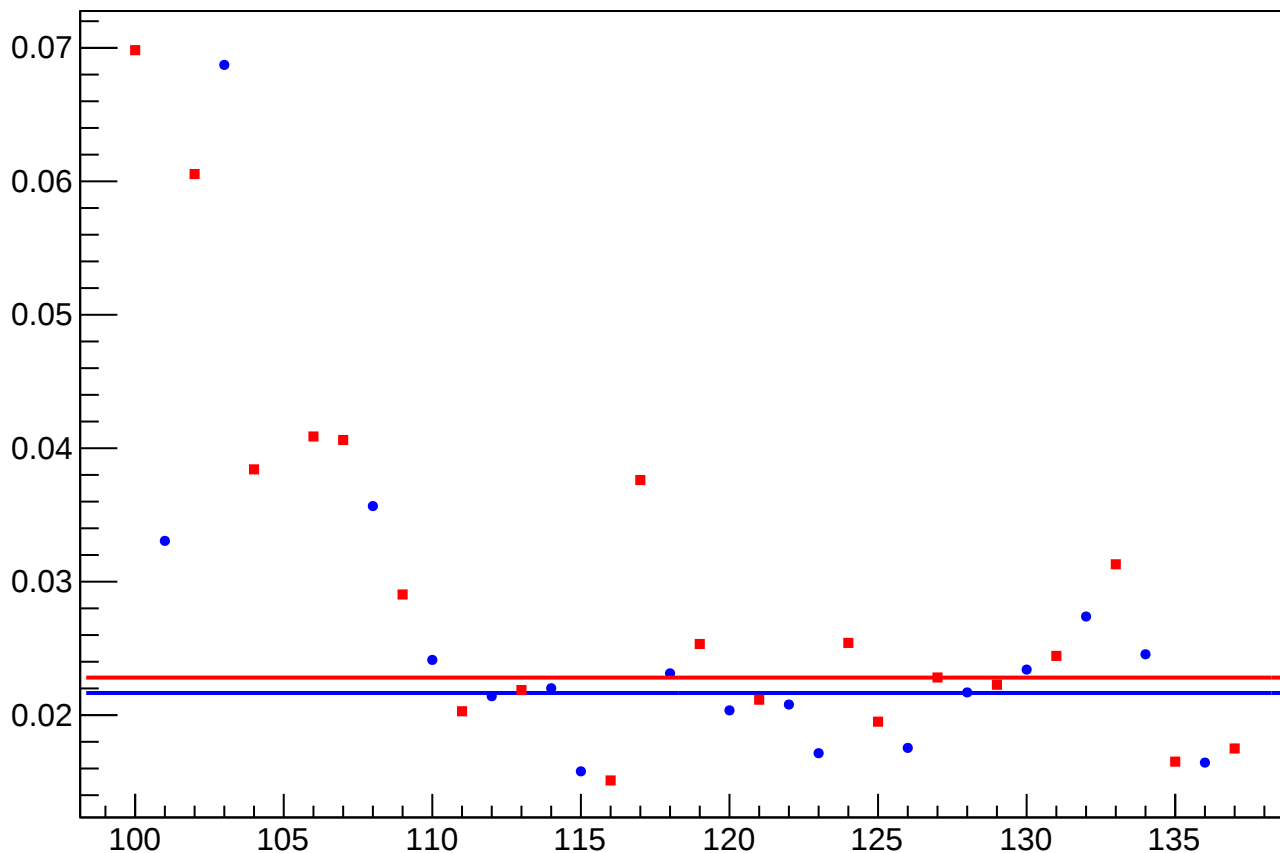
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.010+/-0.000 χ^2 /NDF: 387650332.0/16

-1.025+/-0.000 χ^2 /NDF: 923255754.4/36

-1.042+/-0.000 χ^2 /NDF: 530175104.2/19

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 : 1165116.5/19

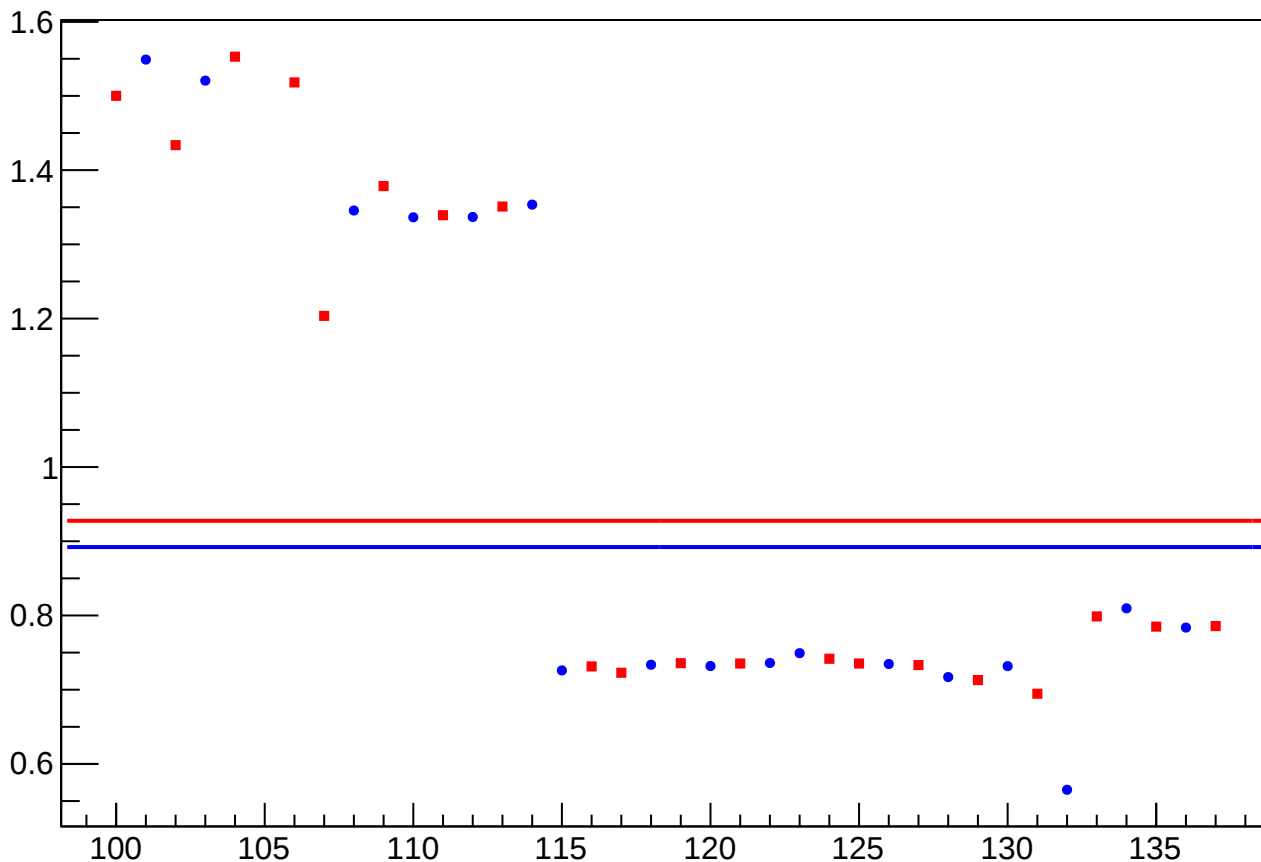
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 983499.8/16

0.022+/-0.000 χ^2/NDF : 2162673.9/36

0.023+/-0.000 χ^2/NDF : 1165116.5/19

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: 0.928+/-0.000 χ^2/NDF : 2439574936.7/19

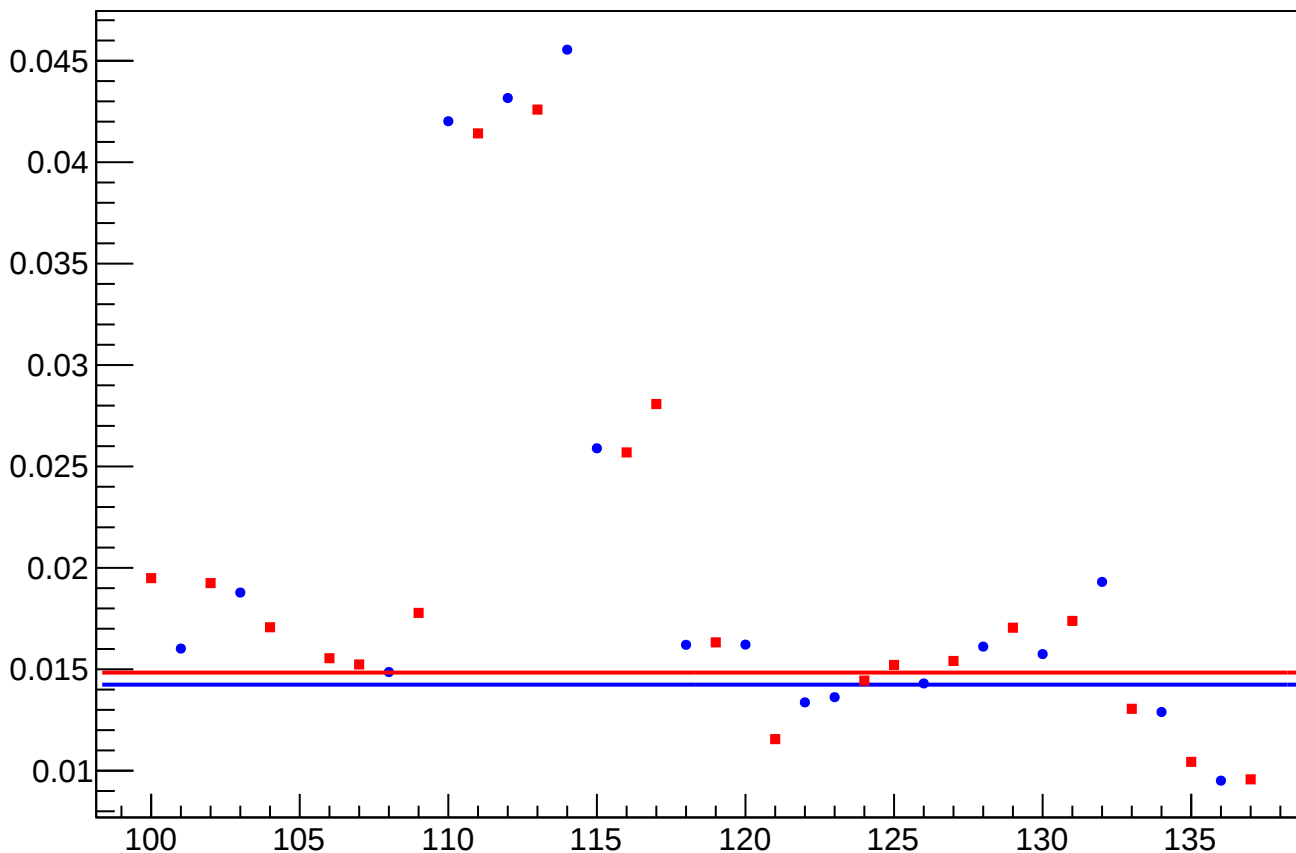
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.892+/-0.000 χ^2/NDF : 2413732173.6/16

0.910+/-0.000 χ^2/NDF : 4870614110.1/36

0.928+/-0.000 χ^2/NDF : 2439574936.7/19

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 : 1291174.0/19

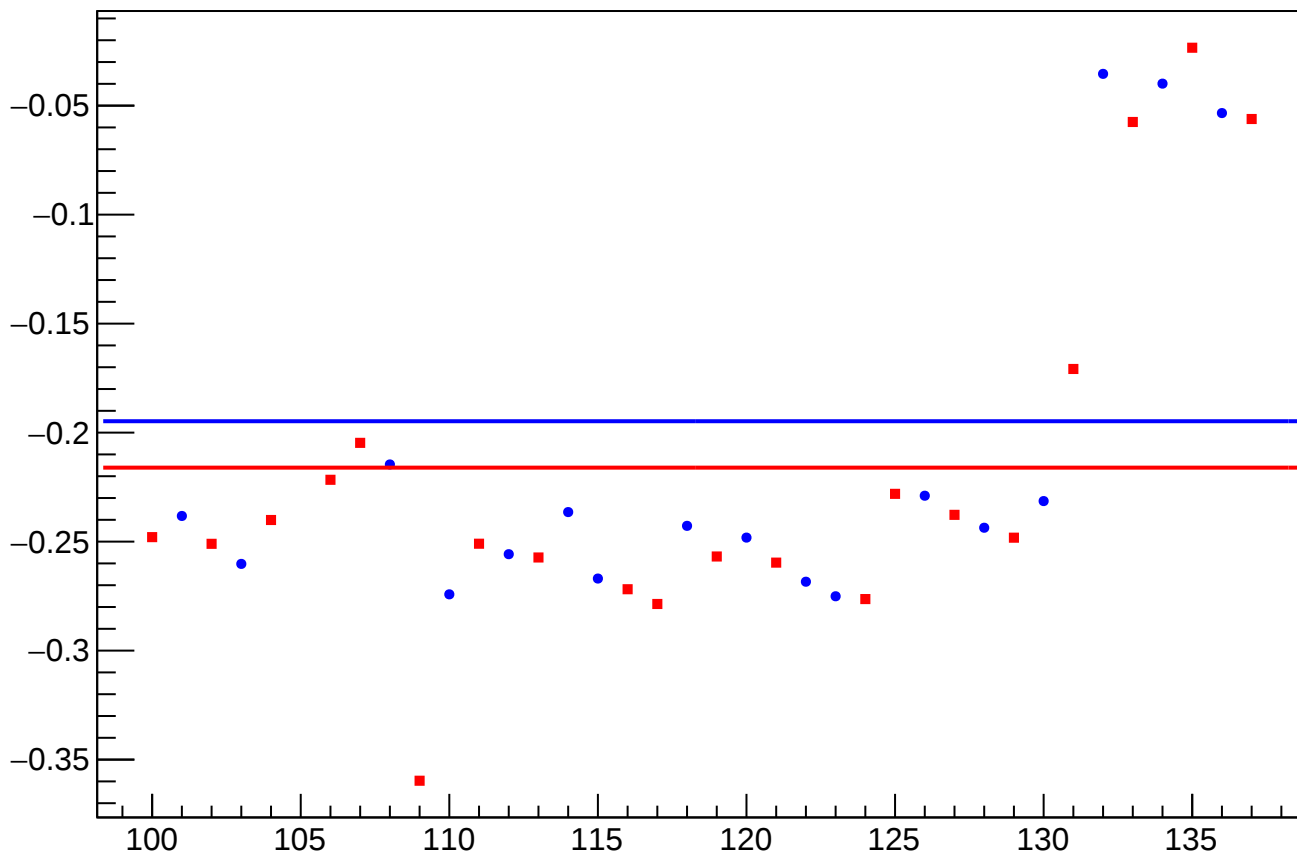
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1415681.3/16

0.015+/-0.000 χ^2/NDF : 2716605.4/36

0.015+/-0.000 χ^2/NDF : 1291174.0/19

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: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

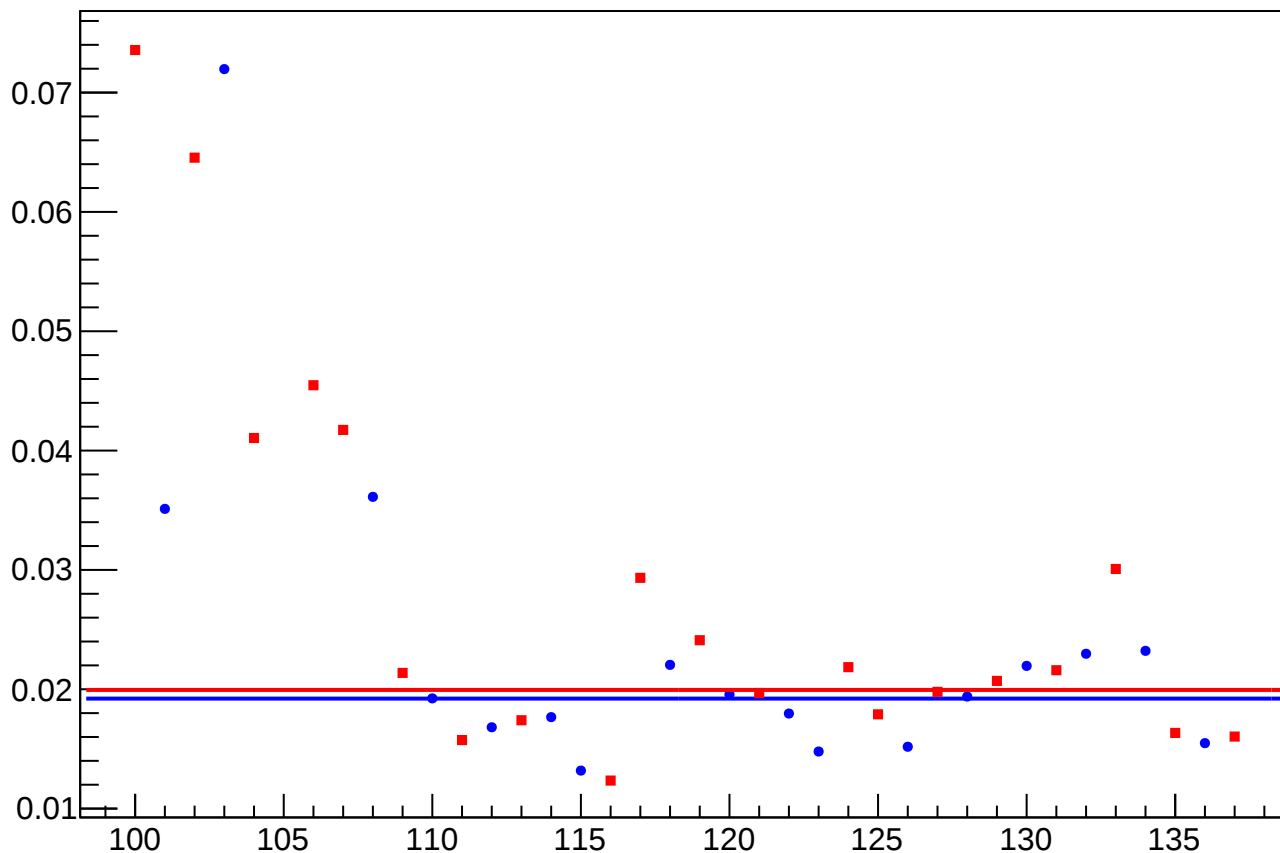
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.195+/-0.000 χ^2/NDF : 108656195.5/16

-0.205+/-0.000 χ^2/NDF : 223849767.6/36

-0.216+/-0.000 χ^2/NDF : 112167032.2/19

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 : 1455211.7/19

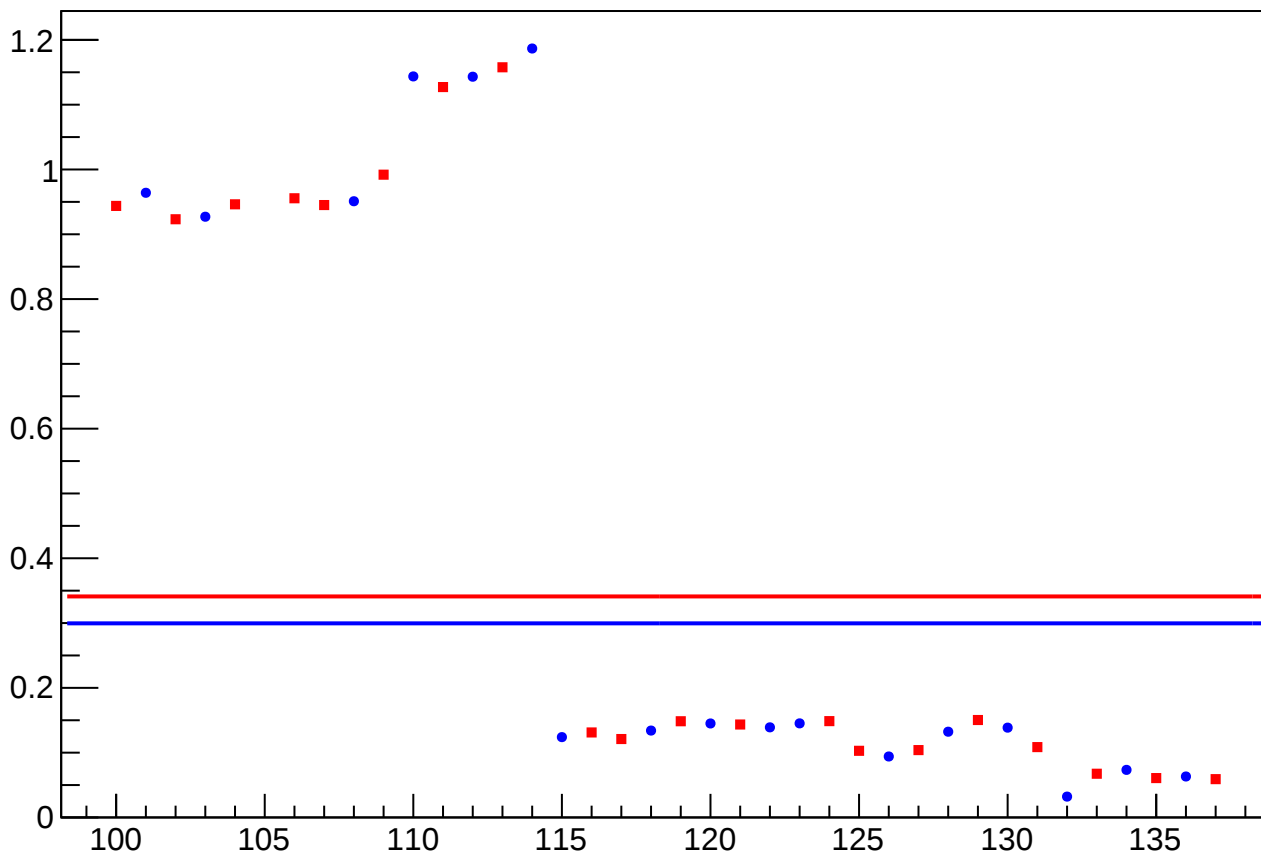
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1177085.4/16

0.020+/-0.000 χ^2/NDF : 2639342.8/36

0.020+/-0.000 χ^2/NDF : 1455211.7/19

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: 0.341+/-0.000 χ^2/NDF : 5453748737.7/19

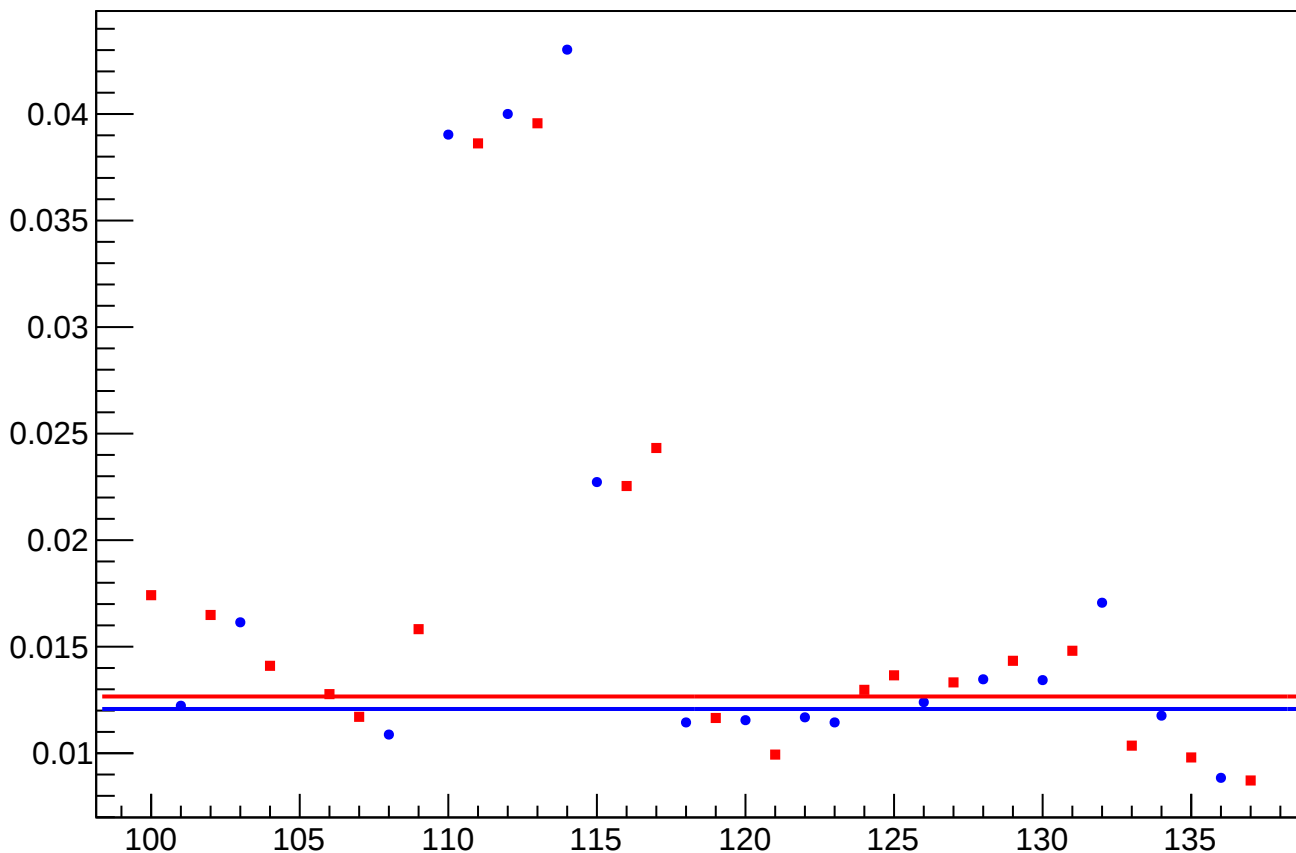
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.300+/-0.000 χ^2/NDF : 5165052137.6/16

0.320+/-0.000 χ^2/NDF : 10651483928.6/3

0.341+/-0.000 χ^2/NDF : 5453748737.7/19

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1282097.7/16

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

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

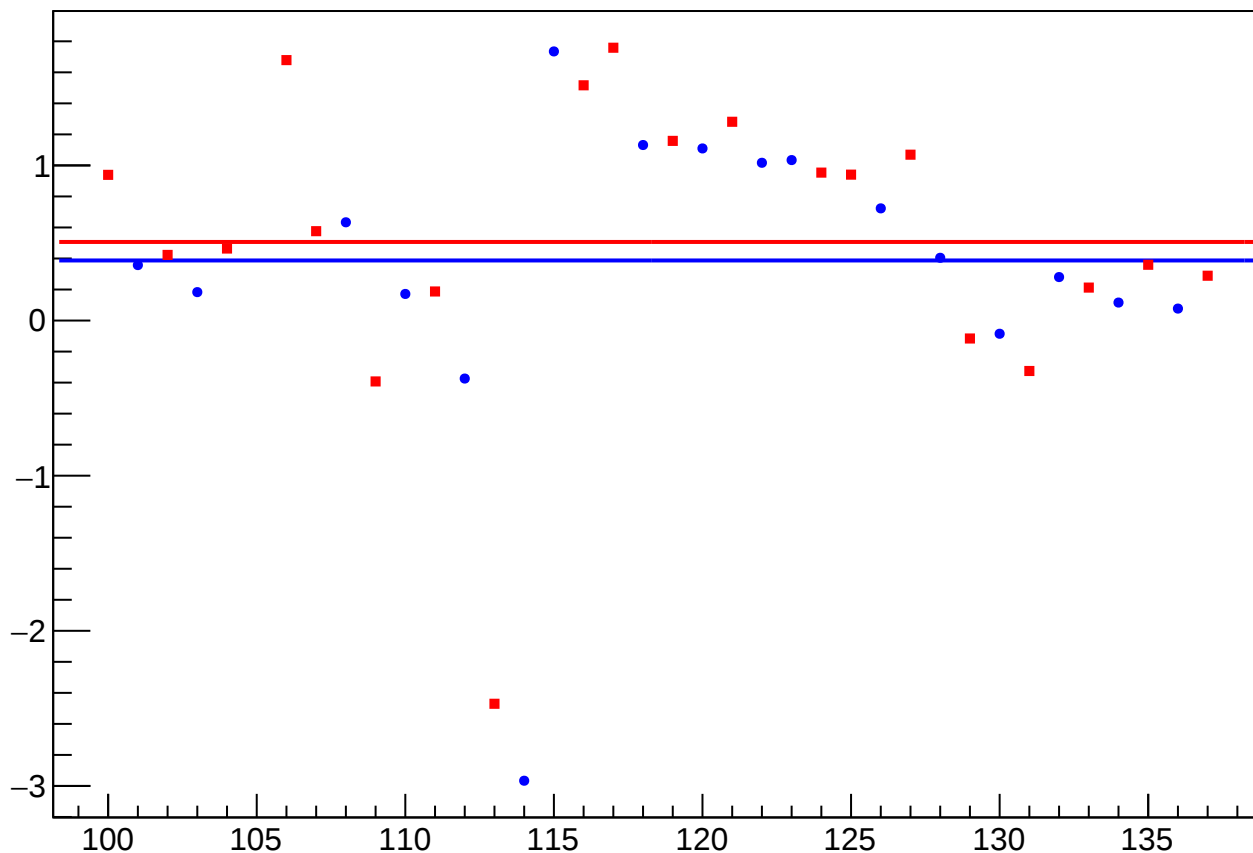
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1282097.7/16

0.012 $\pm$ 0.000 χ^2 /NDF: 2550523.9/36

0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387 $\pm$ 0.000 χ^2 /NDF: 247912593.5/16

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

Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995347030.4/19

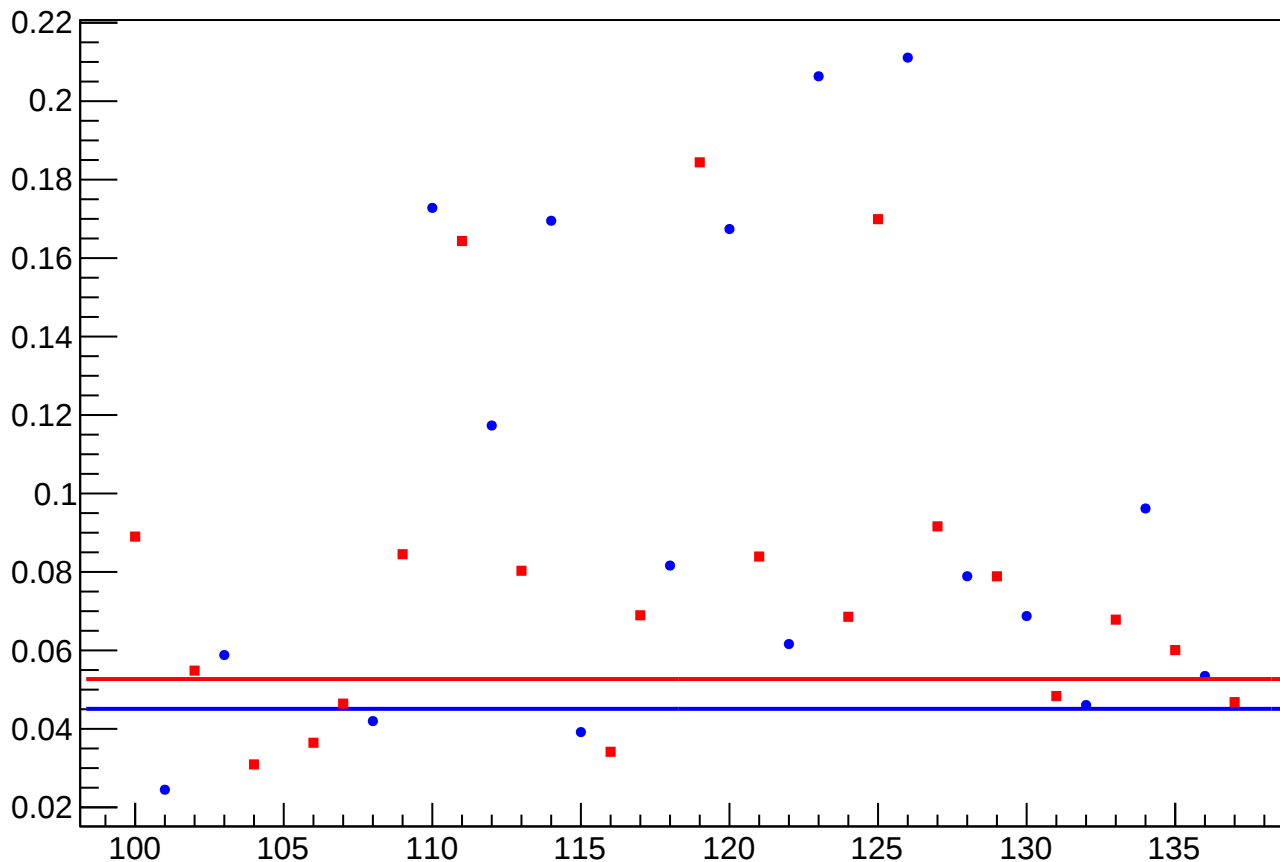
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.387 $\pm$ 0.000 χ^2 /NDF: 247912593.5/16

0.442 $\pm$ 0.000 χ^2 /NDF: 1254755973.2/36

0.507 $\pm$ 0.000 χ^2 /NDF: 995347030.4/19

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 : 2194555.4/19

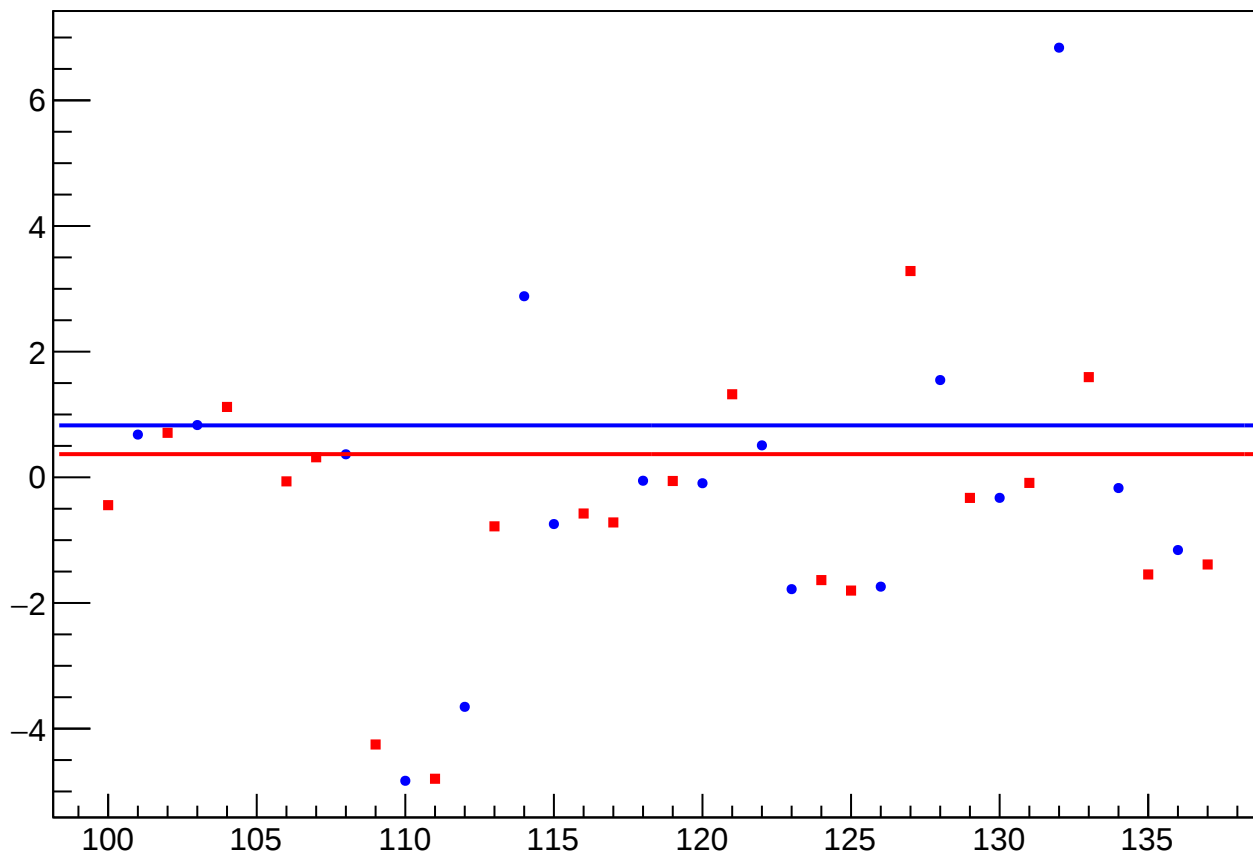
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.045+/-0.000 χ^2/NDF : 2846218.9/16

0.049+/-0.000 χ^2/NDF : 5133890.5/36

0.053+/-0.000 χ^2/NDF : 2194555.4/19

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: 0.369+/-0.000 χ^2/NDF : 4985860510.0/19

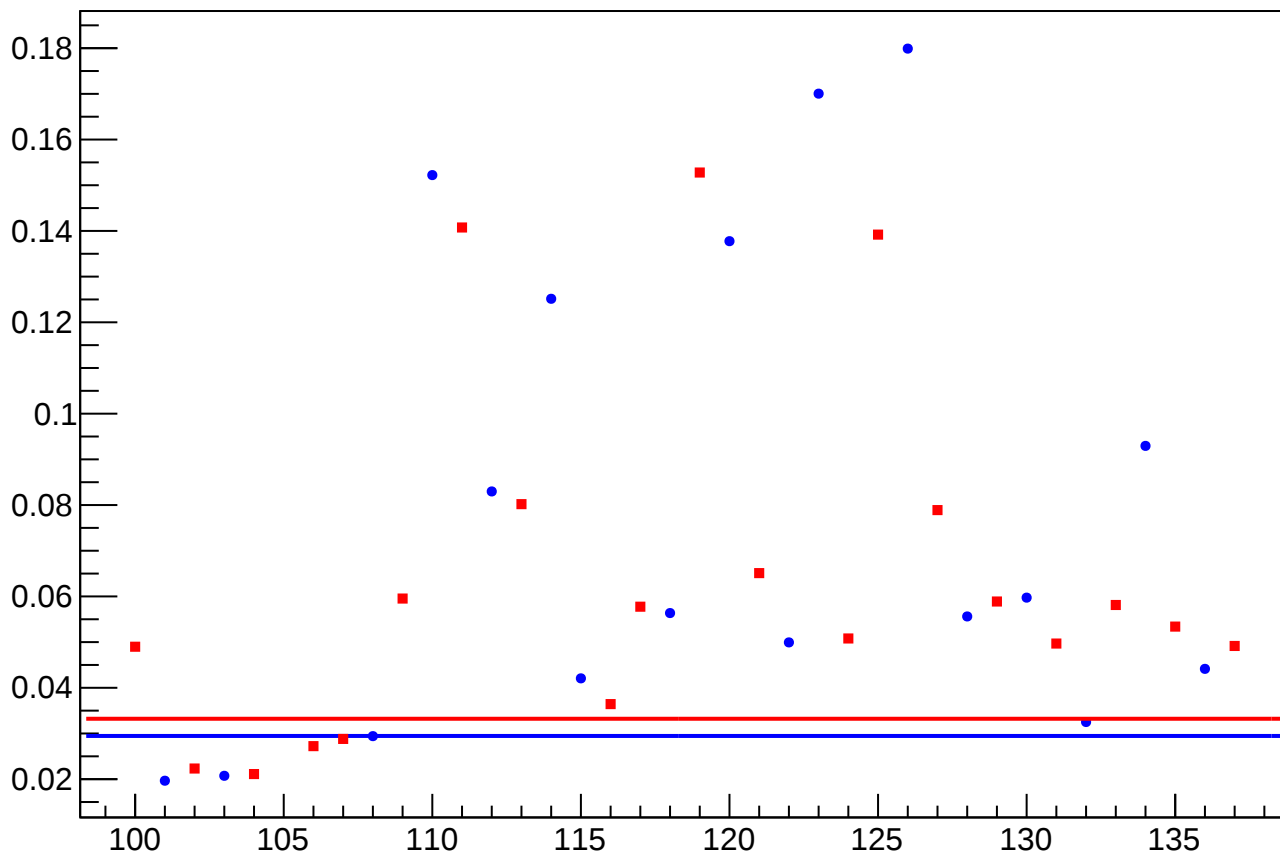
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.827+/-0.000 χ^2/NDF : 10936458870.4/16

0.611+/-0.000 χ^2/NDF : 16310854910.0/3

0.369+/-0.000 χ^2/NDF : 4985860510.0/19

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 : 3110014.7/19

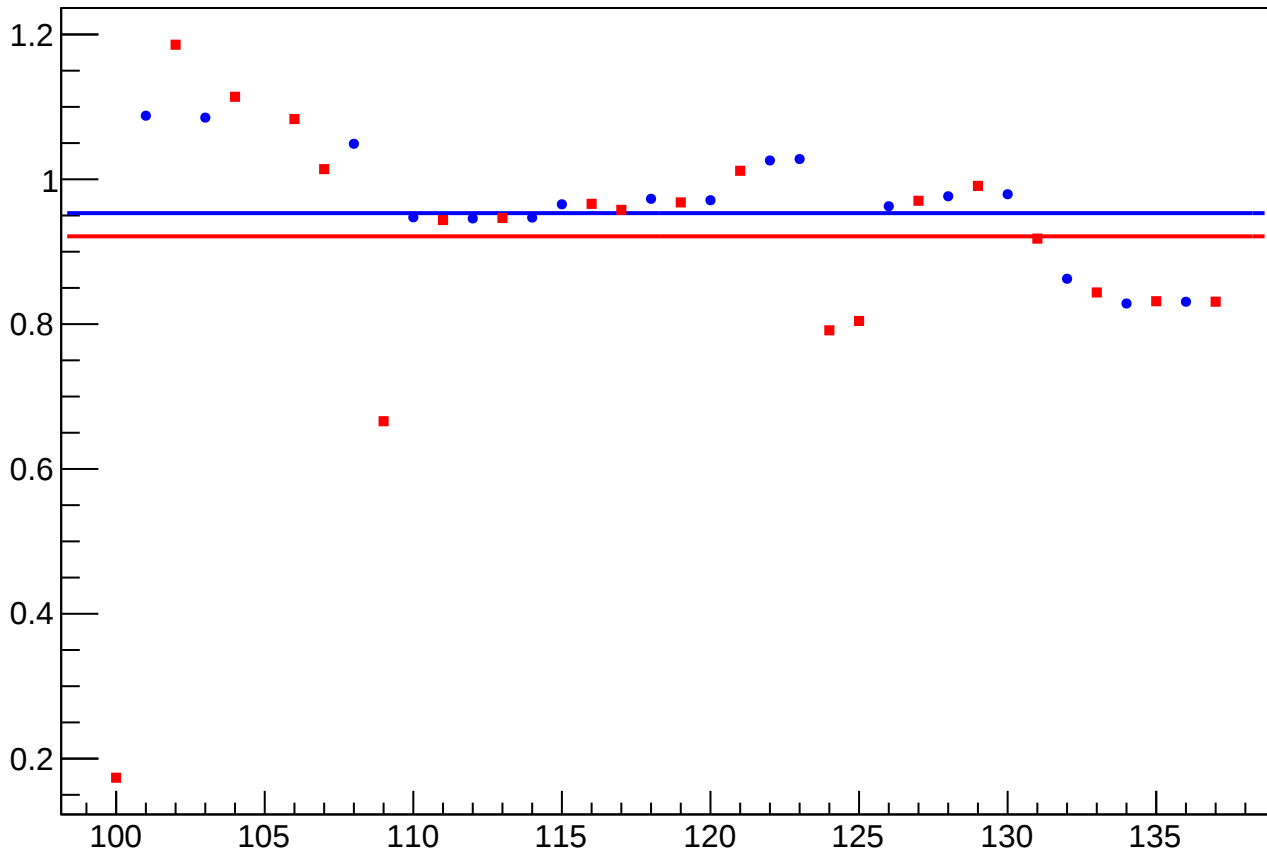
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 3053519.6/16

0.031+/-0.000 χ^2/NDF : 6216100.6/36

0.033+/-0.000 χ^2/NDF : 3110014.7/19

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: 0.921+/-0.000 χ^2/NDF : 374376205.4/19

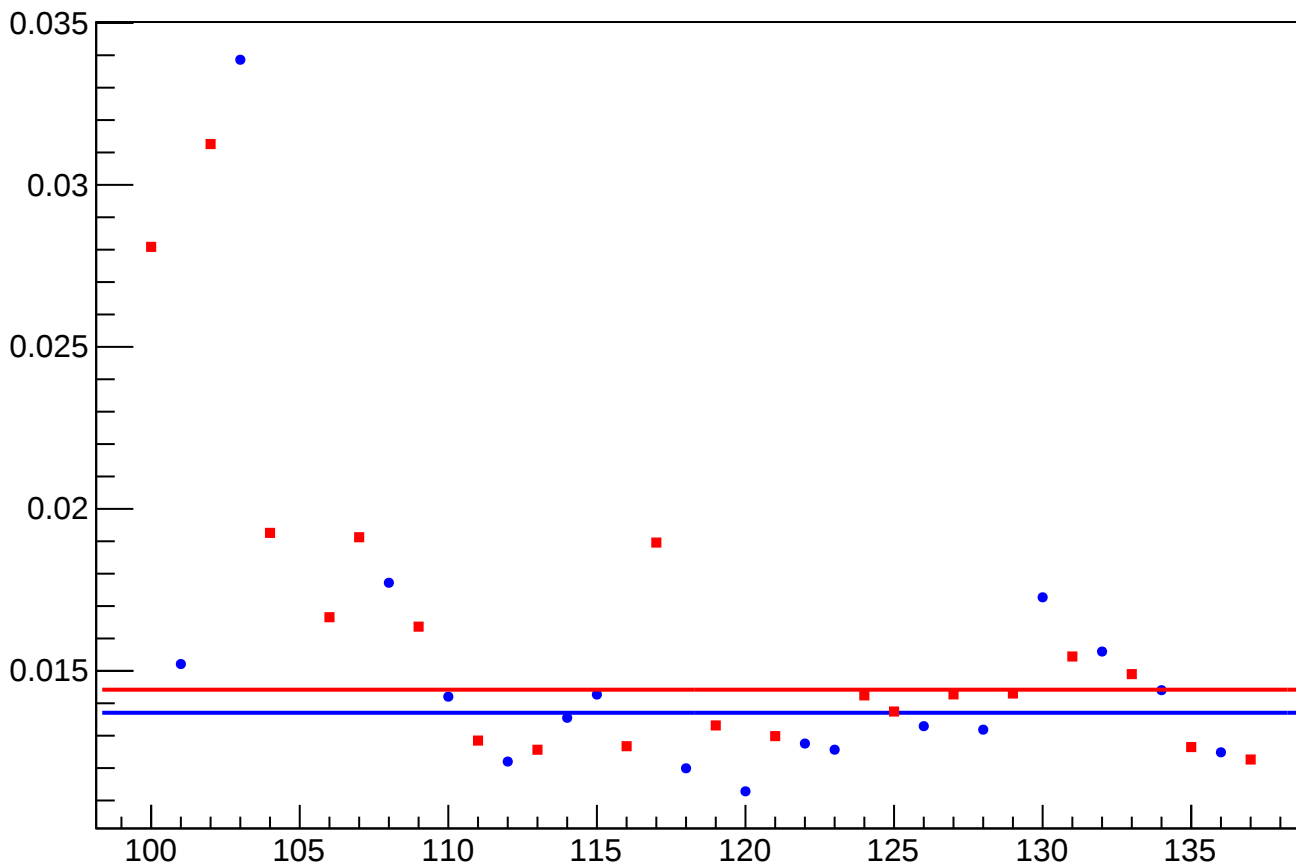
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.953+/-0.000 χ^2/NDF : 175396553.4/16

0.938+/-0.000 χ^2/NDF : 565256409.7/36

0.921+/-0.000 χ^2/NDF : 374376205.4/19

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: 0.014+/-0.000 χ^2/NDF : 506553.4/19

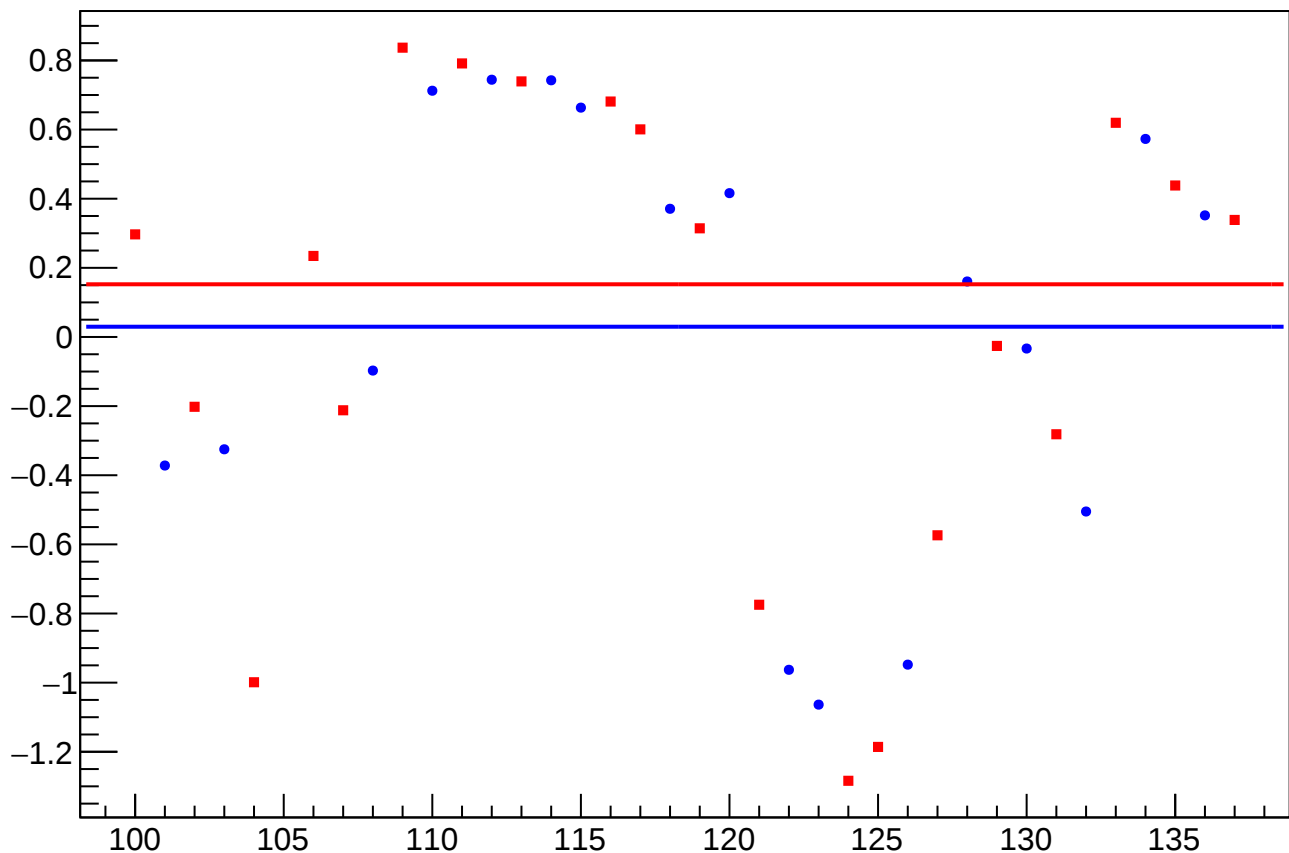
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 546317.6/16

0.014+/-0.000 χ^2/NDF : 1068183.5/36

0.014+/-0.000 χ^2/NDF : 506553.4/19

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: 0.152+/-0.000 χ^2/NDF : 12673501089.9/19

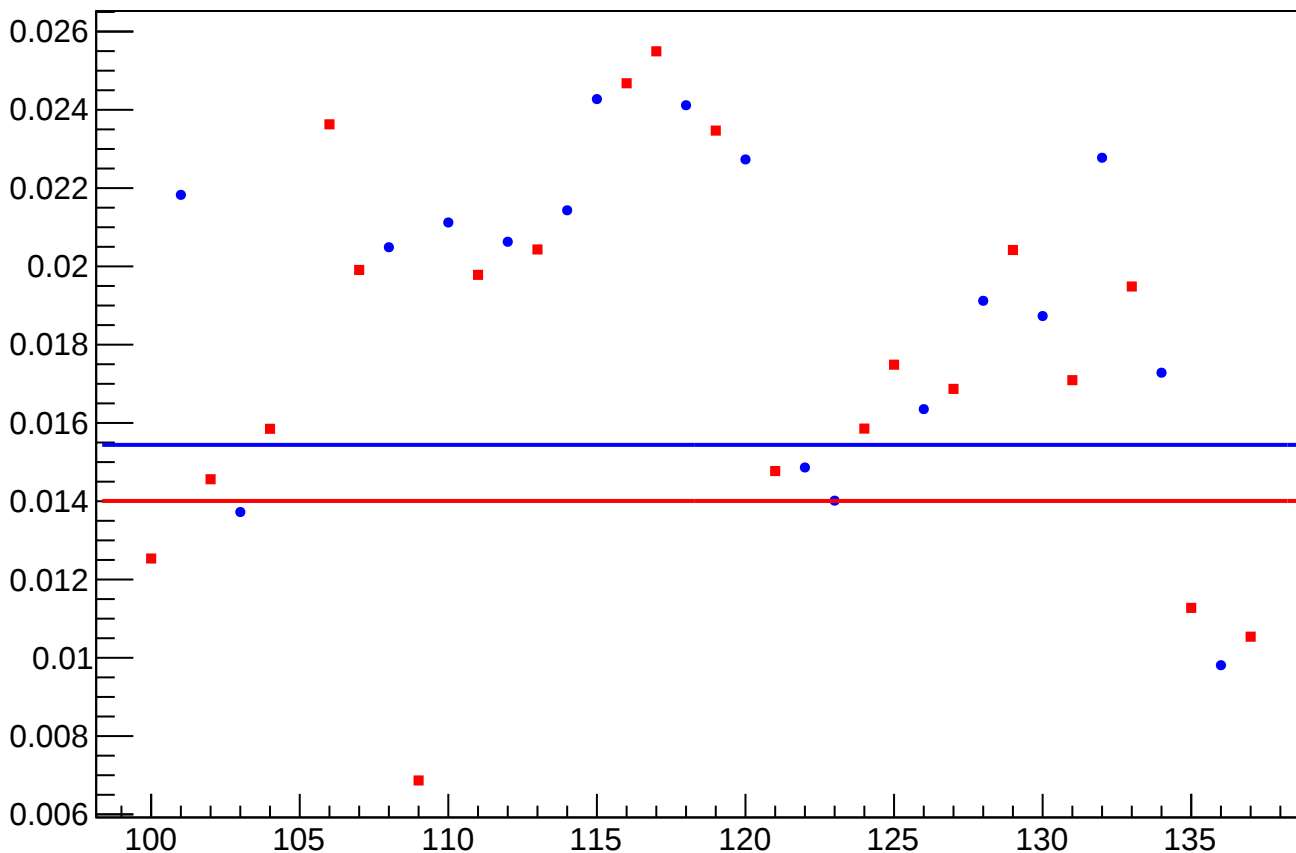
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 6294824795.0/16

0.097+/-0.000 χ^2/NDF : 19164058148.2/3

0.152+/-0.000 χ^2/NDF : 12673501089.9/19

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 : 1576149.9/19

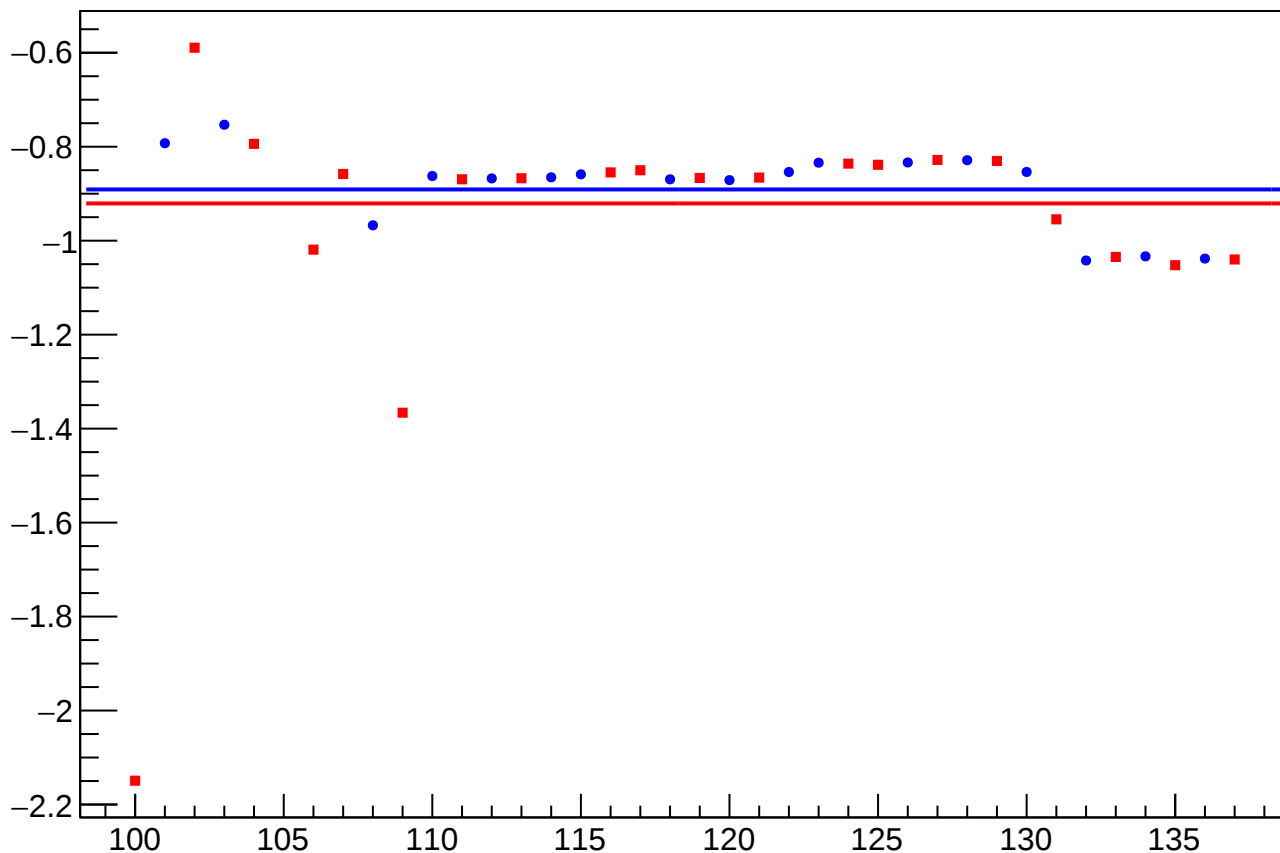
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1161852.5/16

0.015+/-0.000 χ^2/NDF : 2791342.2/36

0.014+/-0.000 χ^2/NDF : 1576149.9/19

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: -0.921+/-0.000 χ^2/NDF : 131271770.4/19

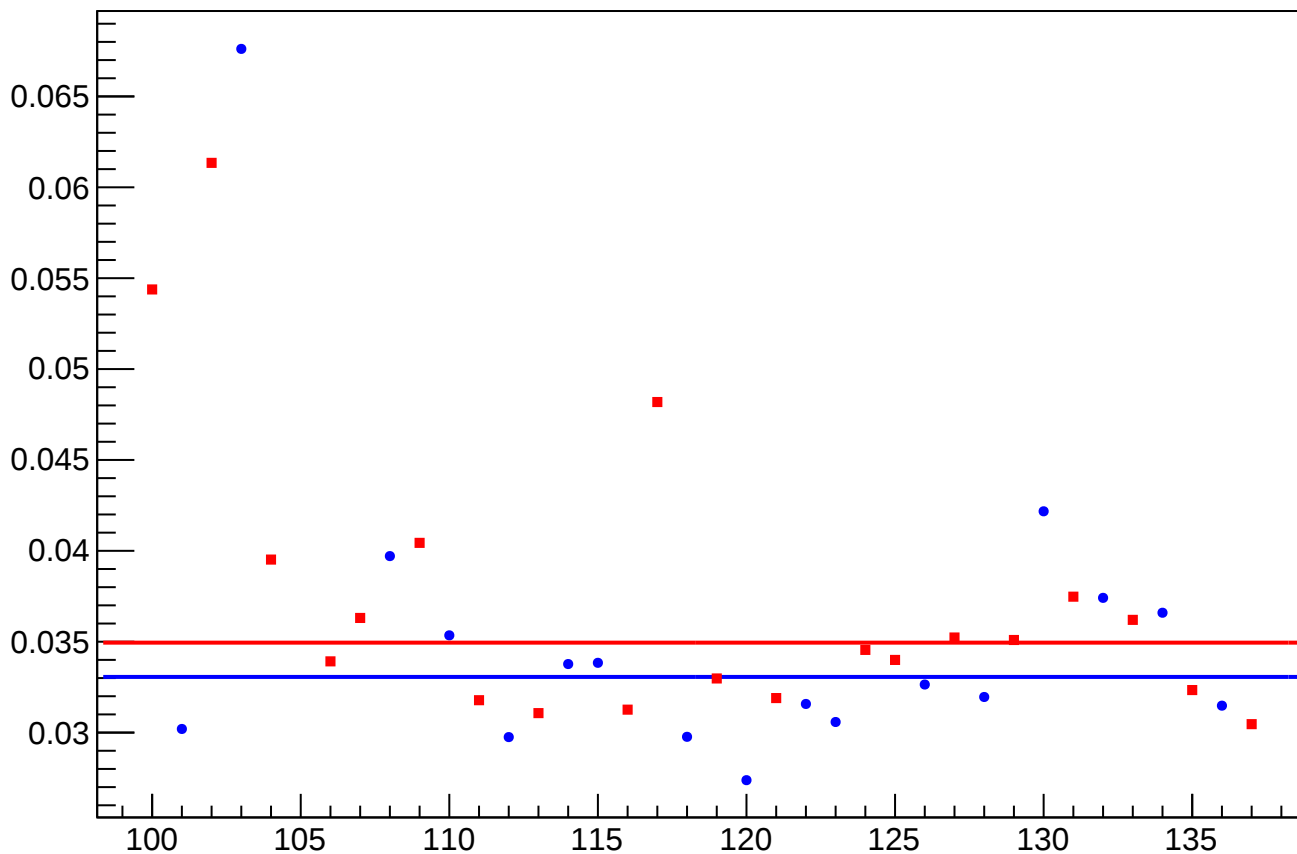
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.891+/-0.000 χ^2/NDF : 39578323.2/16

-0.905+/-0.000 χ^2/NDF : 173165903.3/36

-0.921+/-0.000 χ^2/NDF : 131271770.4/19

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 : 280500.4/19

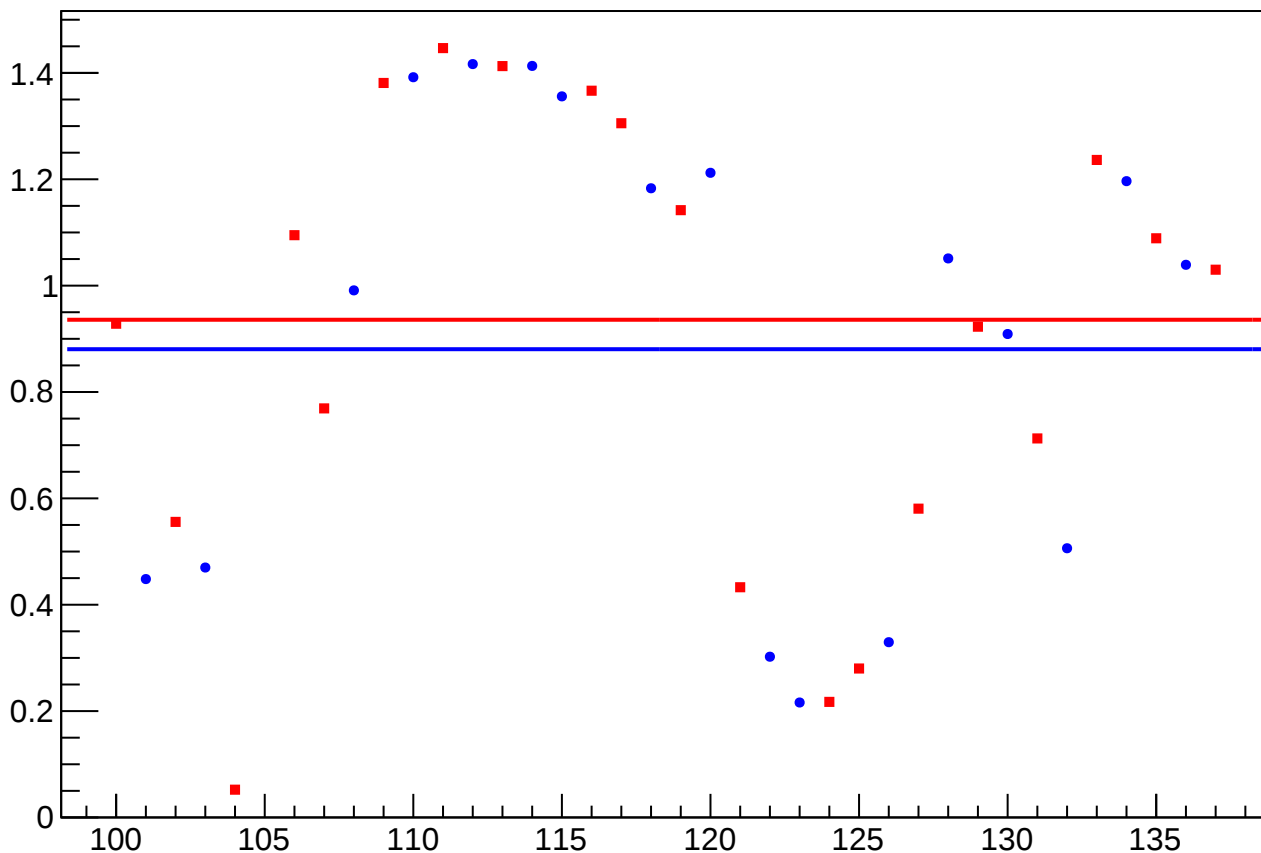
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 409286.7/16

0.034+/-0.000 χ^2/NDF : 708343.8/36

0.035+/-0.000 χ^2/NDF : 280500.4/19

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: 0.936+/-0.000 χ^2/NDF : 9851303698.9/19

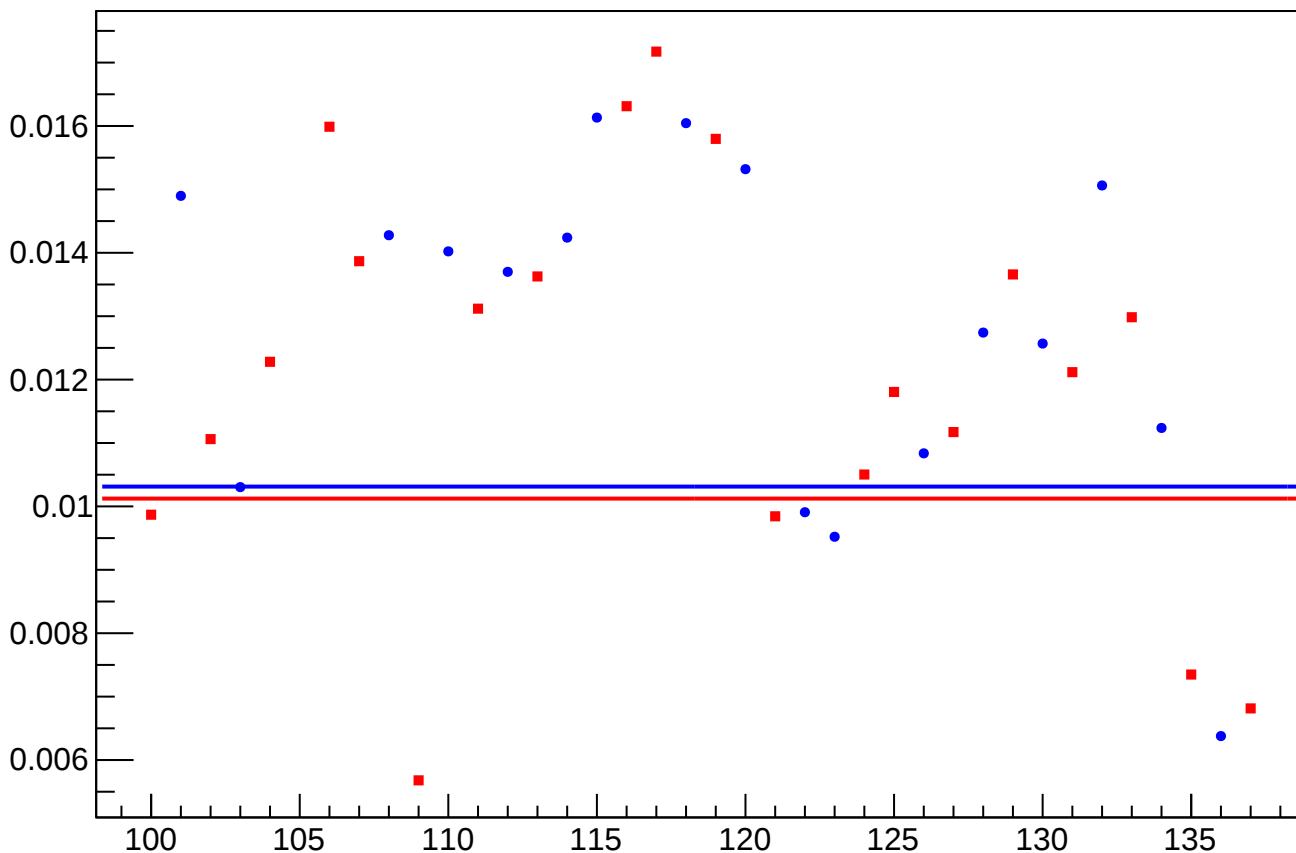
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.880+/-0.000 χ^2/NDF : 6400108121.4/16

0.909+/-0.000 χ^2/NDF : 16335640013.1/3

0.936+/-0.000 χ^2/NDF : 9851303698.9/19

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 : 1191429.9/19

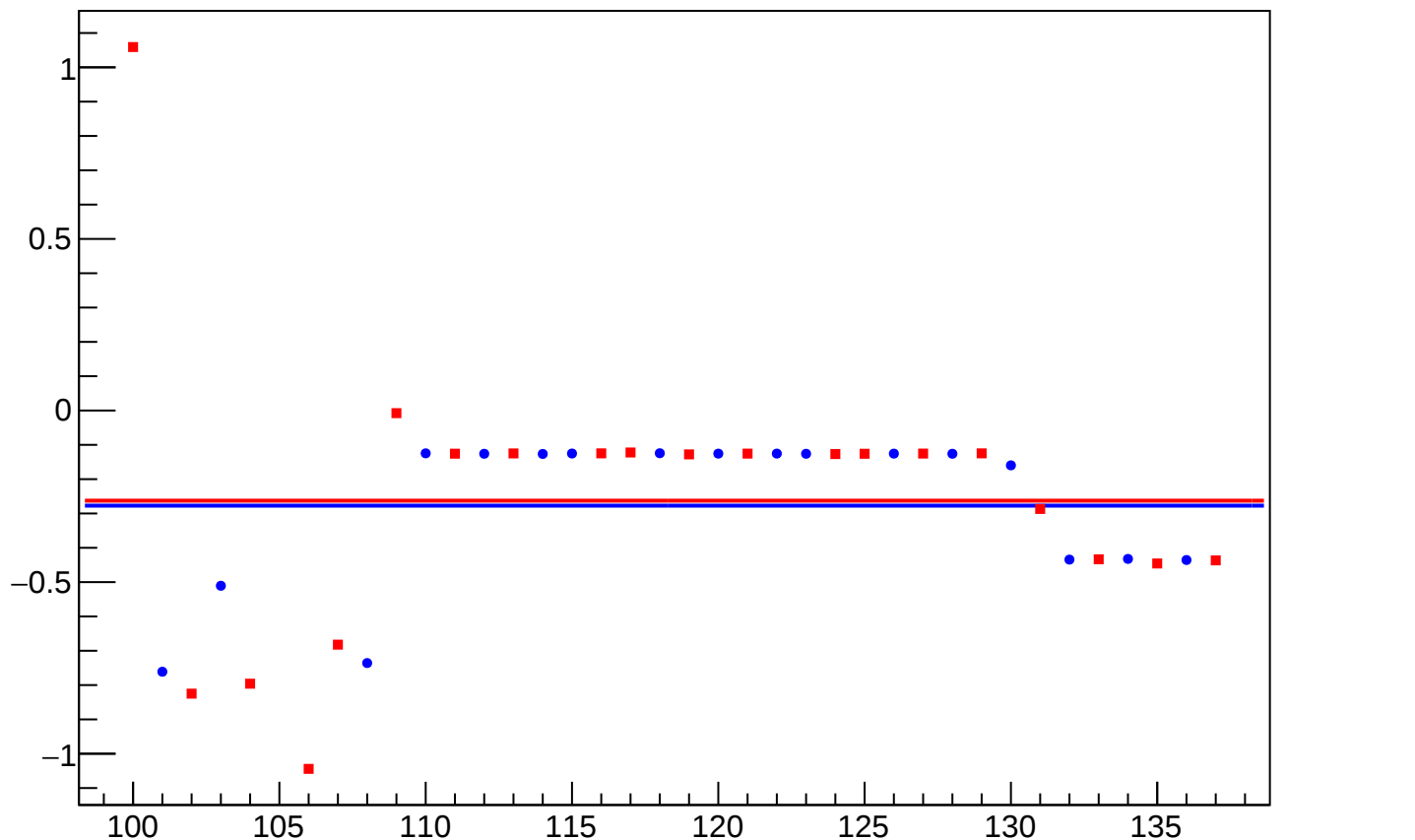
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 1231066.2/16

0.010+/-0.000 χ^2/NDF : 2424463.8/36

0.010+/-0.000 χ^2/NDF : 1191429.9/19

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: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

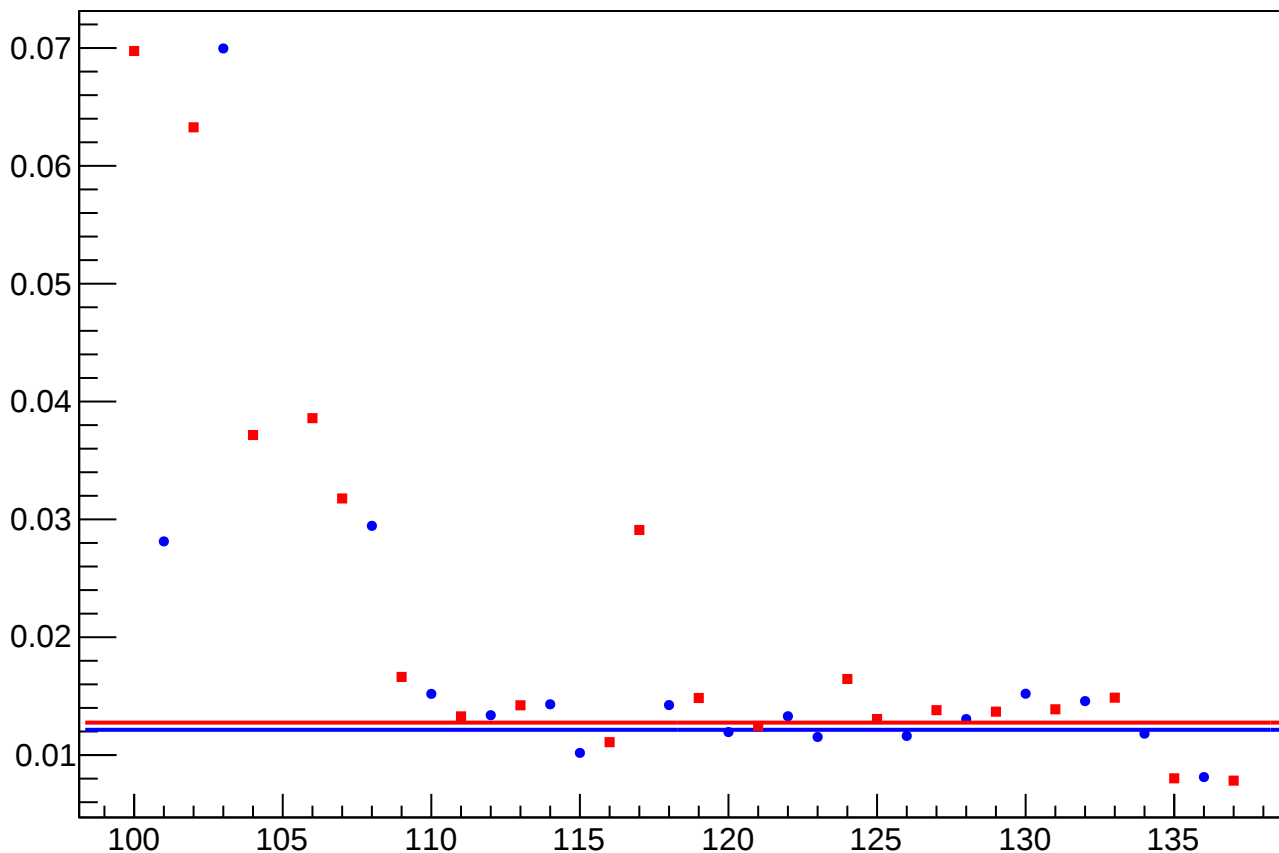
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.277+/-0.000 χ^2/NDF : 940562986.7/16

-0.270+/-0.000 χ^2/NDF : 1953126085.8/30

-0.263+/-0.000 χ^2/NDF : 1009303829.9/19

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 : 1993726.2/19

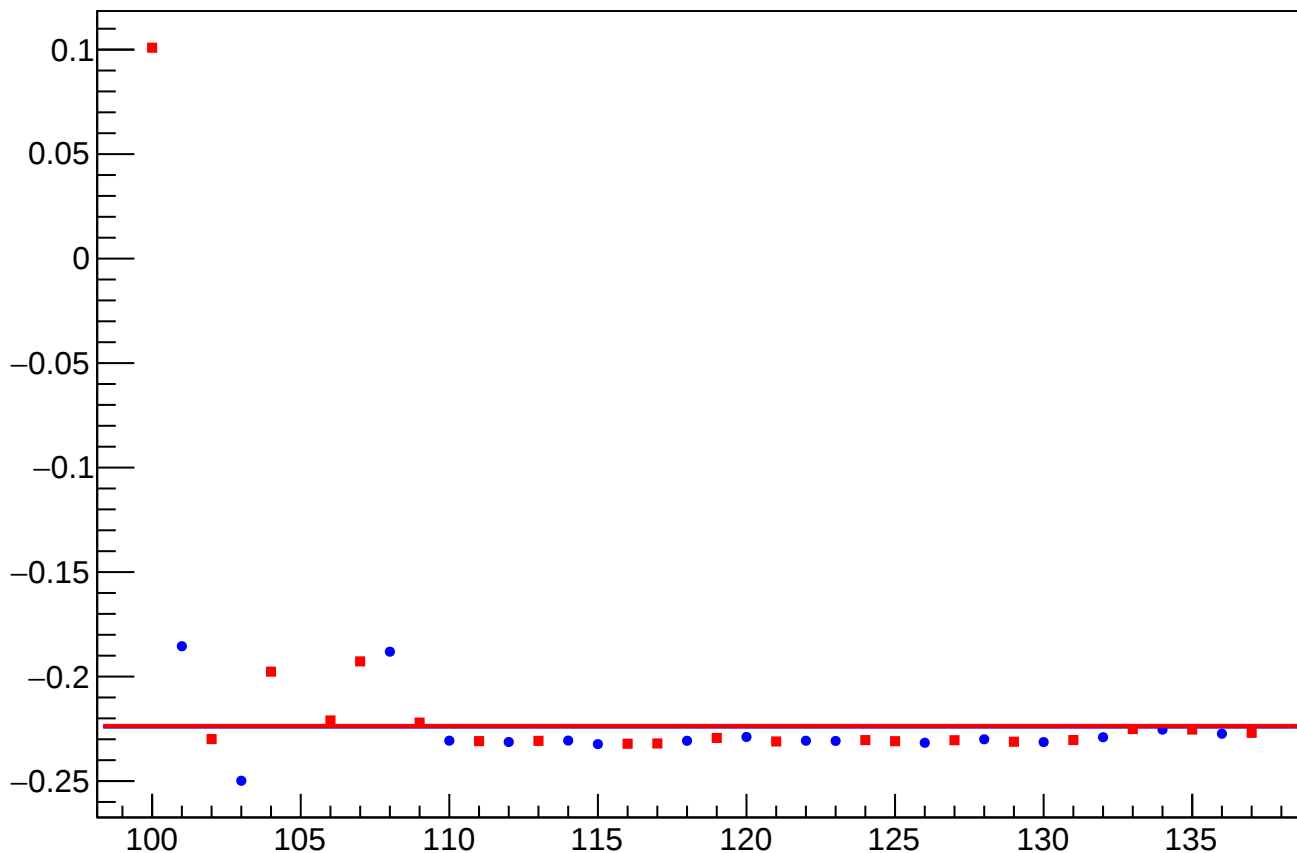
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1727494.7/16

0.012+/-0.000 χ^2/NDF : 3732776.6/36

0.013+/-0.000 χ^2/NDF : 1993726.2/19

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: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

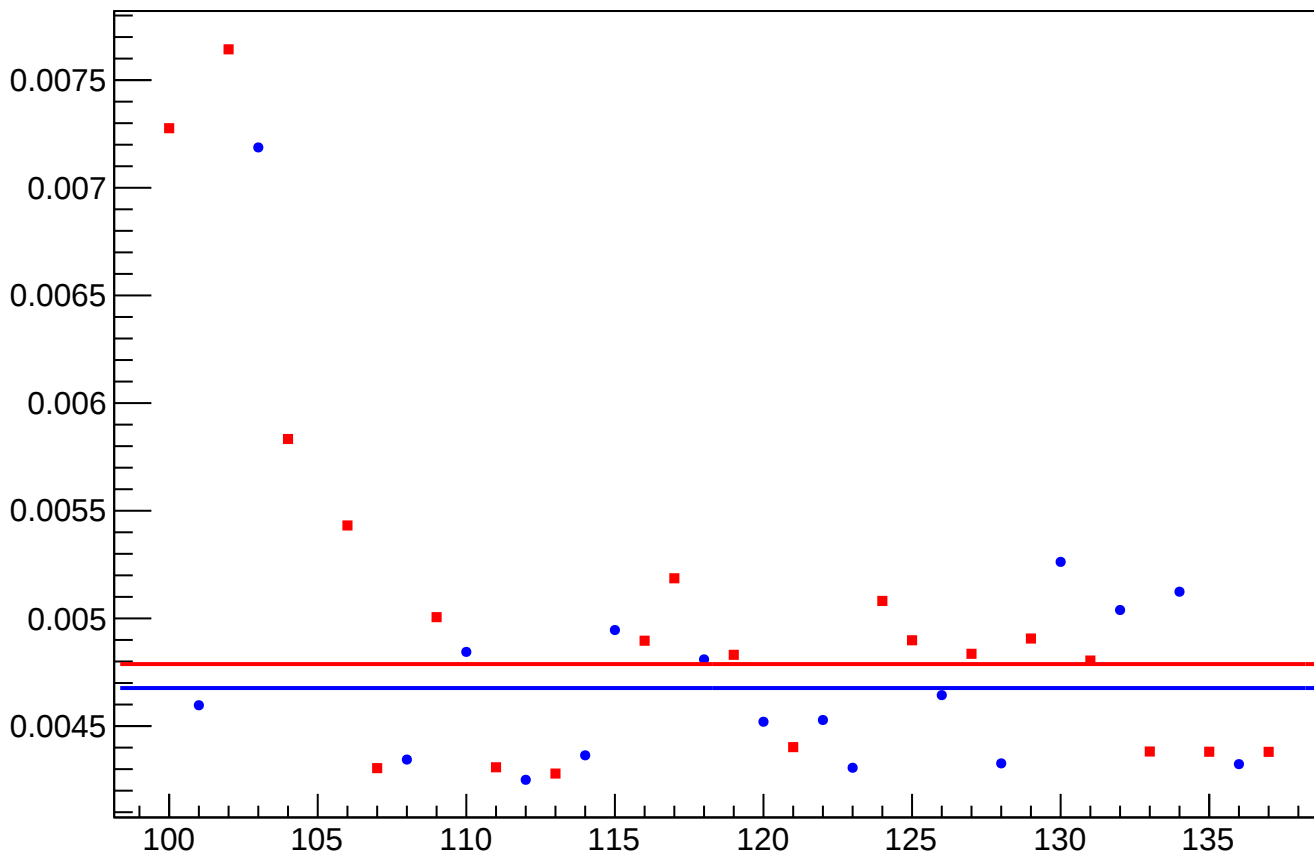
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.224+/-0.000 χ^2/NDF : 74704721.6/16

-0.224+/-0.000 χ^2/NDF : 242953643.1/36

-0.224+/-0.000 χ^2/NDF : 168231258.4/19

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 : 248668.3/19

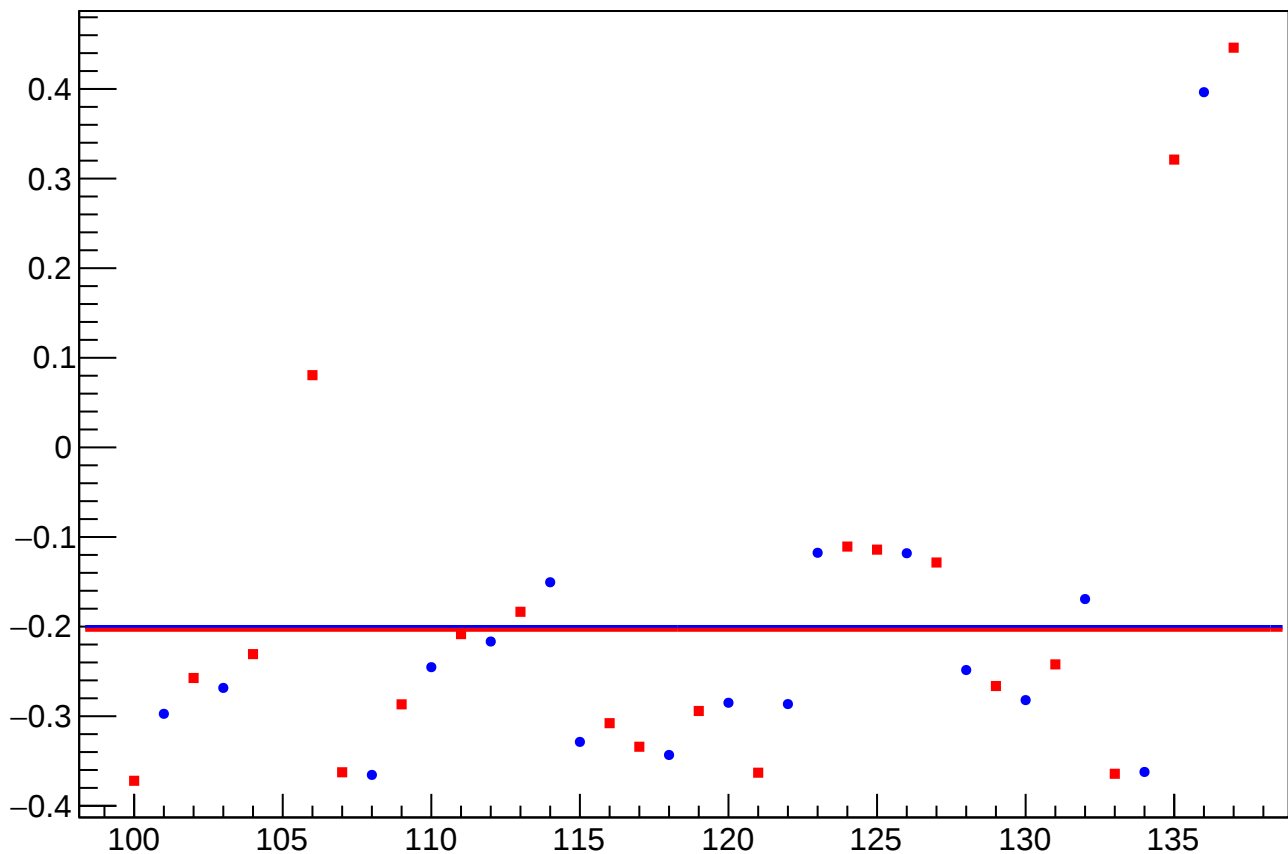
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 181335.1/16

0.005+/-0.000 χ^2/NDF : 433457.9/36

0.005+/-0.000 χ^2/NDF : 248668.3/19

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: -0.204+/-0.000 χ^2 /NDF: 5045878528.0/19

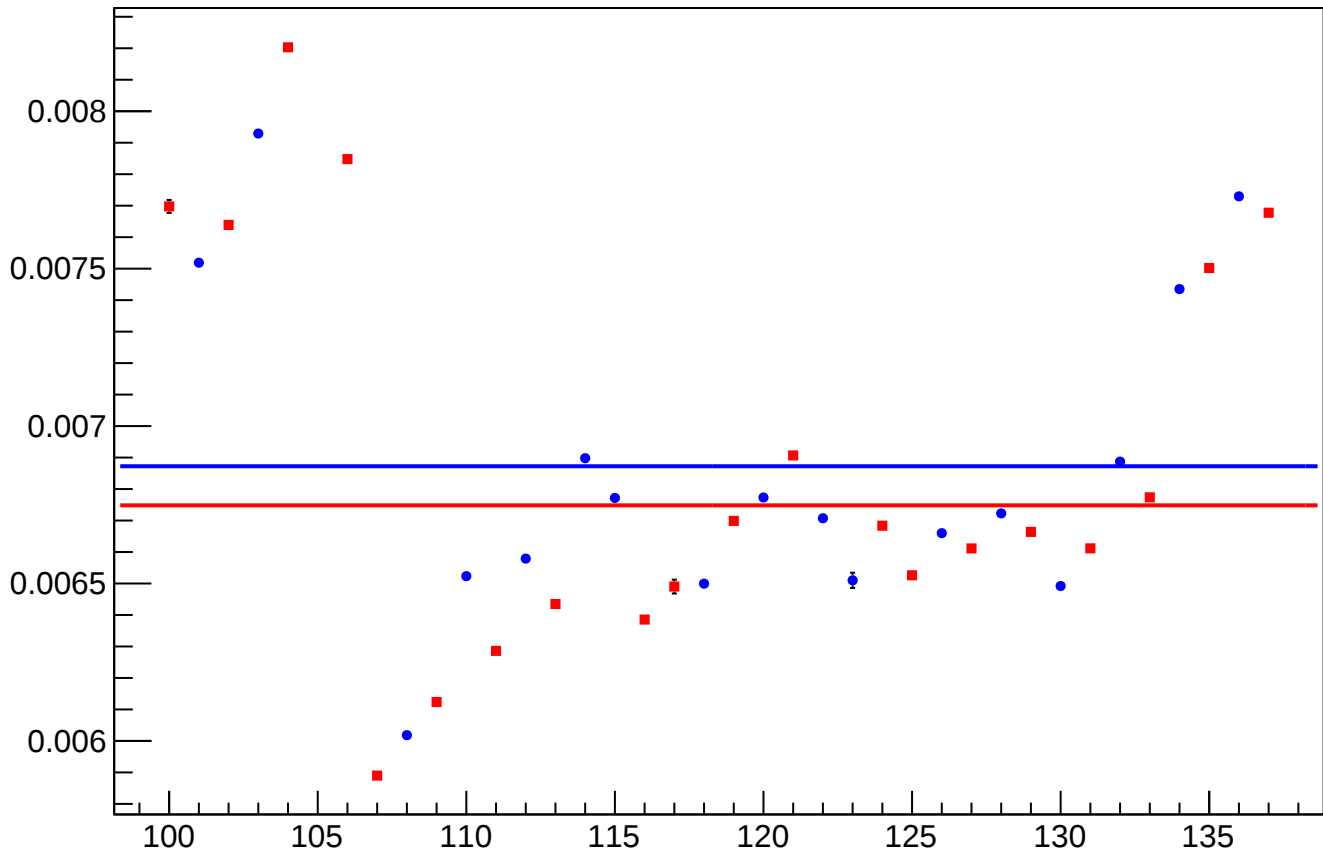
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.200+/-0.000 χ^2 /NDF: 5973556486.0/16

-0.202+/-0.000 χ^2 /NDF: 11020136049.5/3

-0.204+/-0.000 χ^2 /NDF: 5045878528.0/19

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 : 105262.1/19

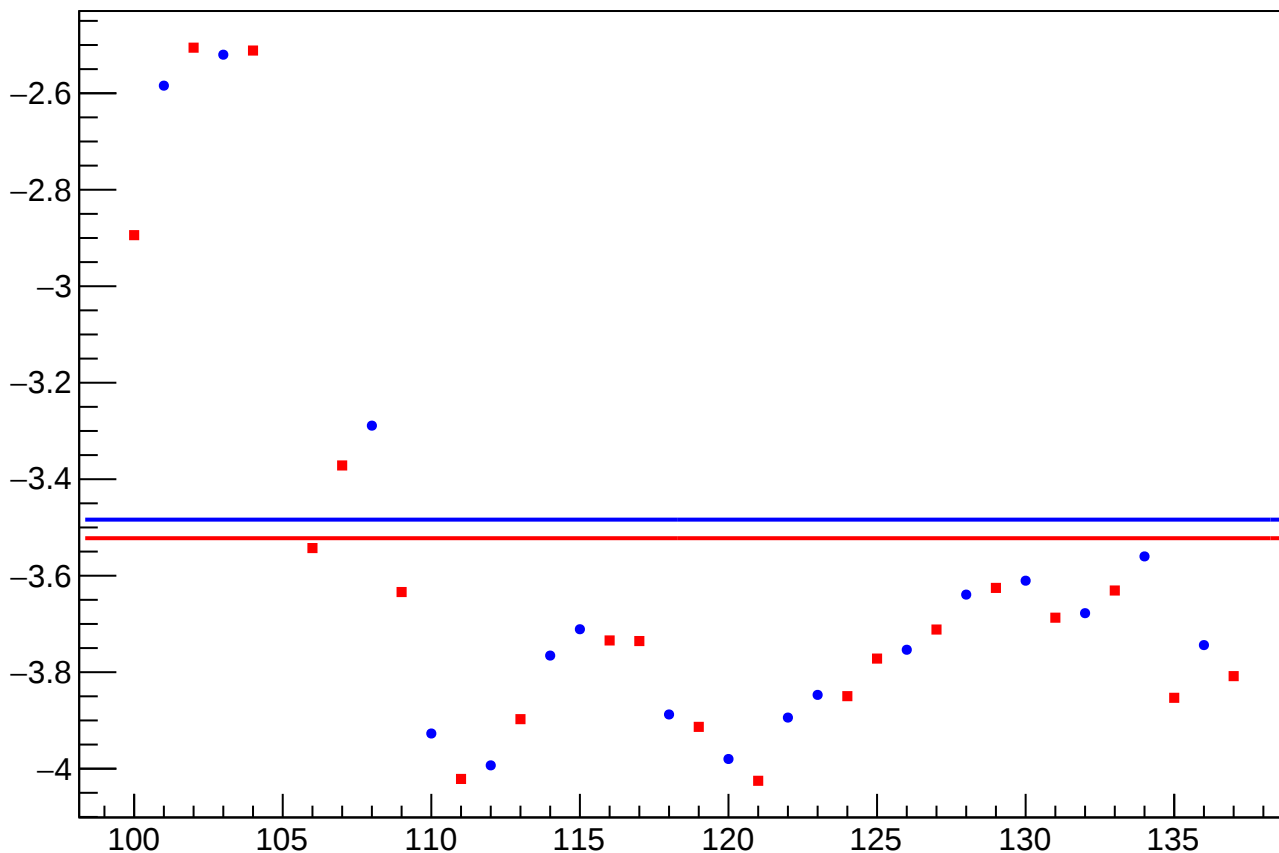
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 78611.6/16

0.007+/-0.000 χ^2/NDF : 186111.0/36

0.007+/-0.000 χ^2/NDF : 105262.1/19

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

Right Out: -3.522+/-0.000 χ^2/NDF : 26497611752.4/19

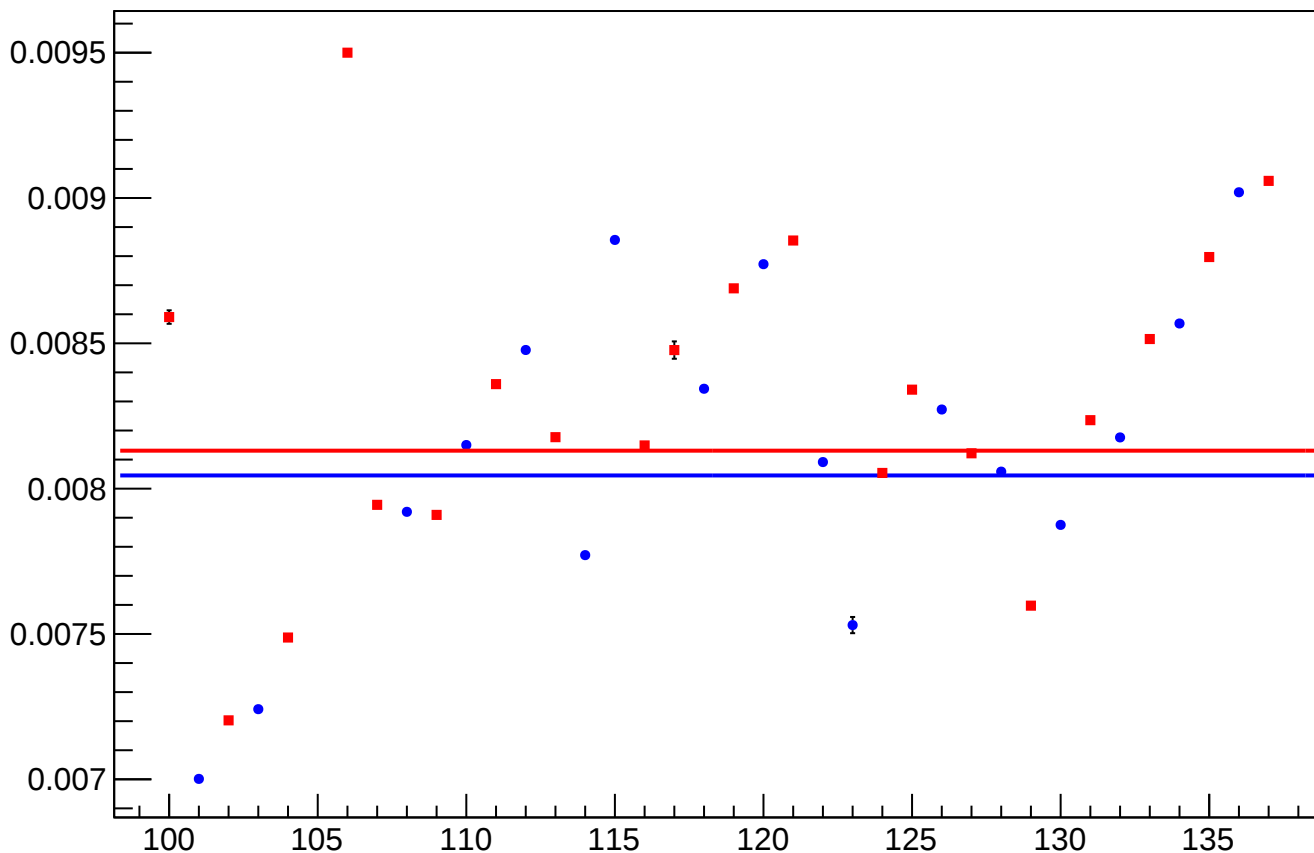
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.484+/-0.000 χ^2/NDF : 27174302276.9/16

-3.503+/-0.000 χ^2/NDF : 53747375655.4/19

-3.522+/-0.000 χ^2/NDF : 26497611752.4/19

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 : 57613.2/19

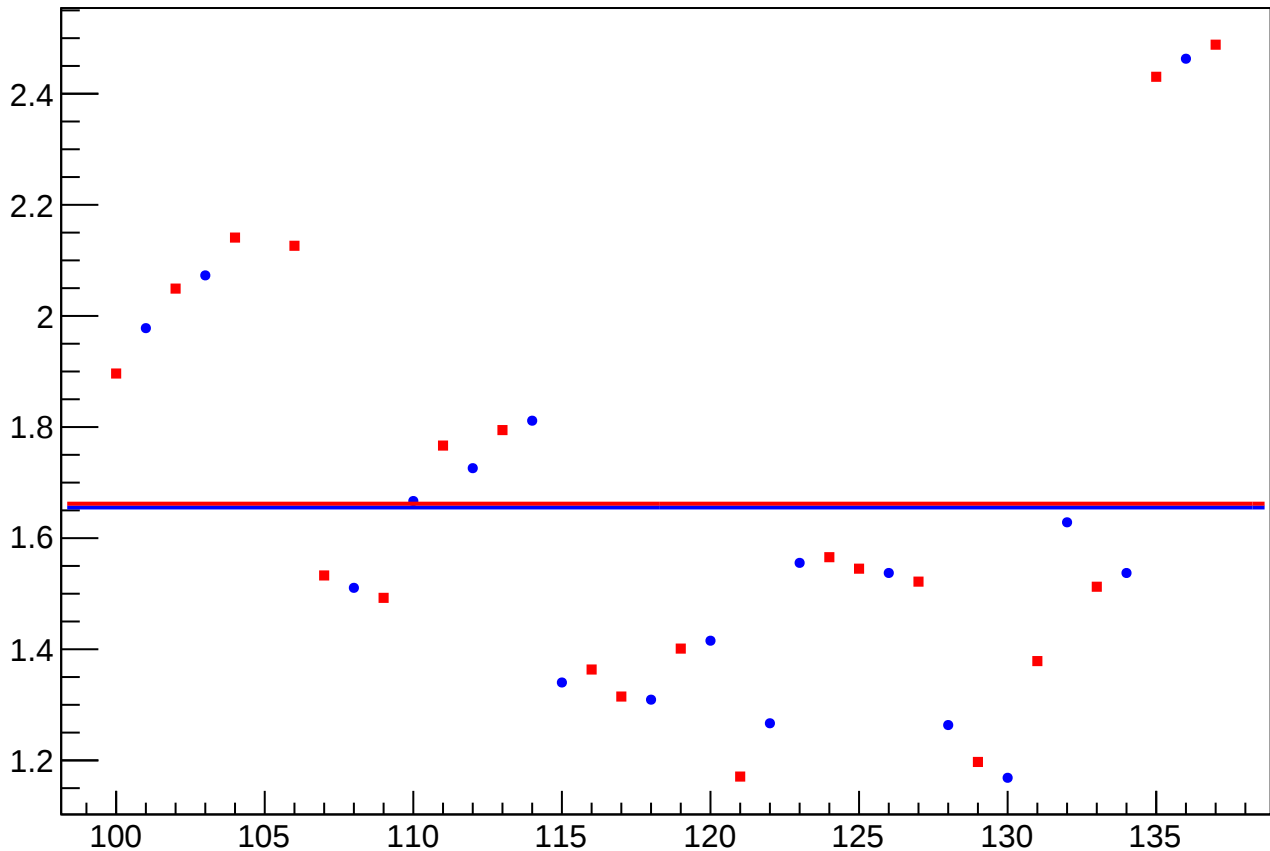
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 71989.8/16

0.008+/-0.000 χ^2/NDF : 130343.2/36

0.008+/-0.000 χ^2/NDF : 57613.2/19

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: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

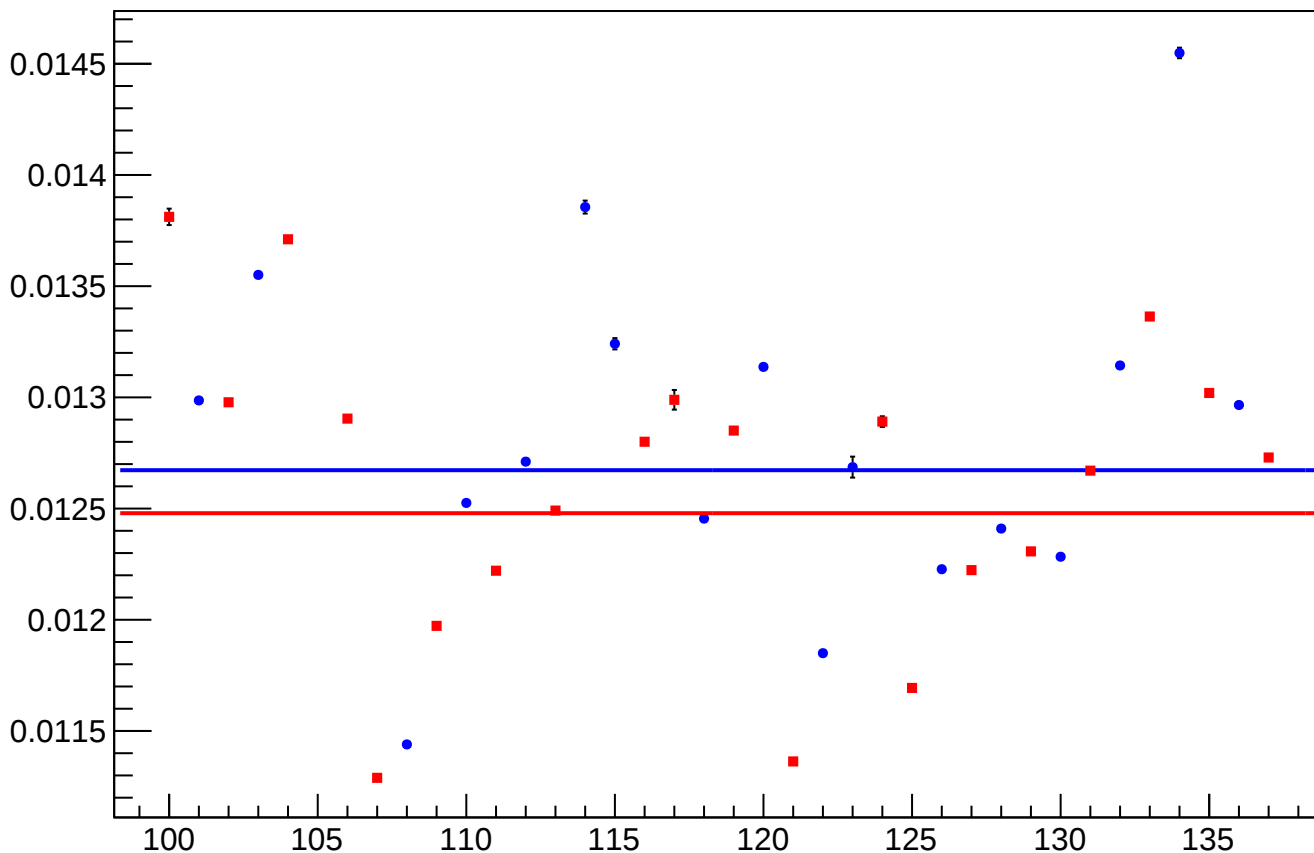
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.655+/-0.000 χ^2/NDF : 6476474909.3/16

1.659+/-0.000 χ^2/NDF : 12452809783.4/3

1.662+/-0.000 χ^2/NDF : 5975345573.0/19

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 : 39268.9/19

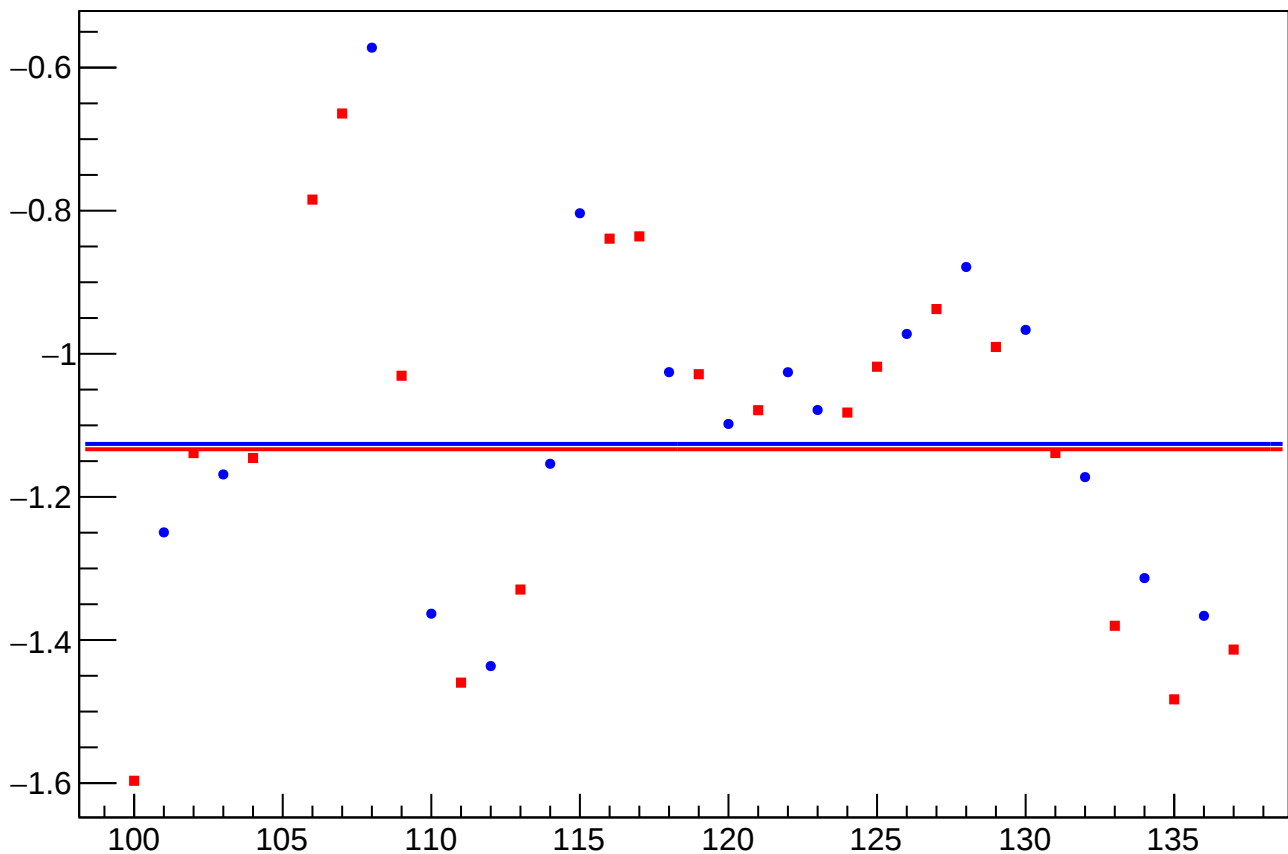
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 31801.3/16

0.013+/-0.000 χ^2/NDF : 72662.3/36

0.012+/-0.000 χ^2/NDF : 39268.9/19

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: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

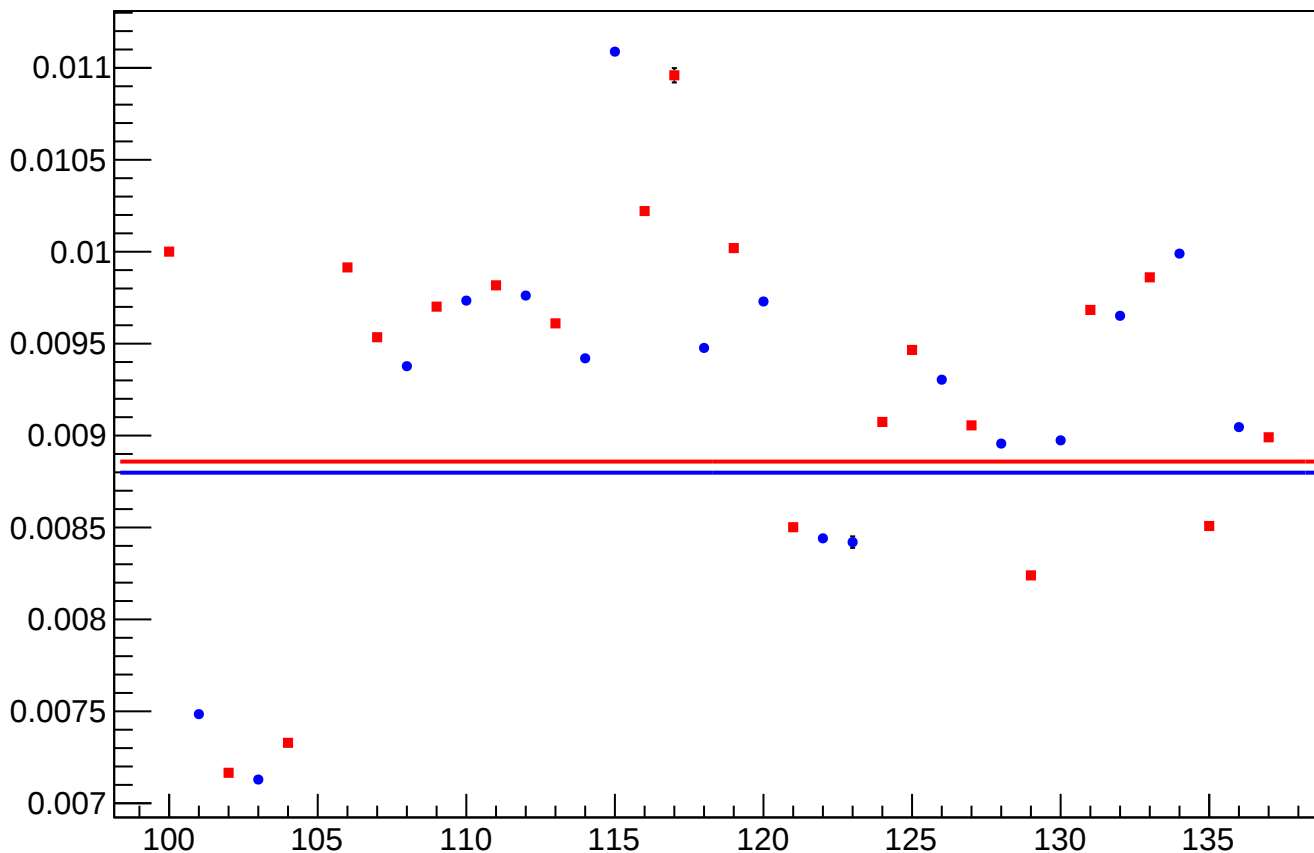
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.126+/-0.000 χ^2/NDF : 3574776639.2/16

-1.130+/-0.000 χ^2/NDF : 7283619670.9/30

-1.133+/-0.000 χ^2/NDF : 3706528266.7/19

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 : 176858.0/19

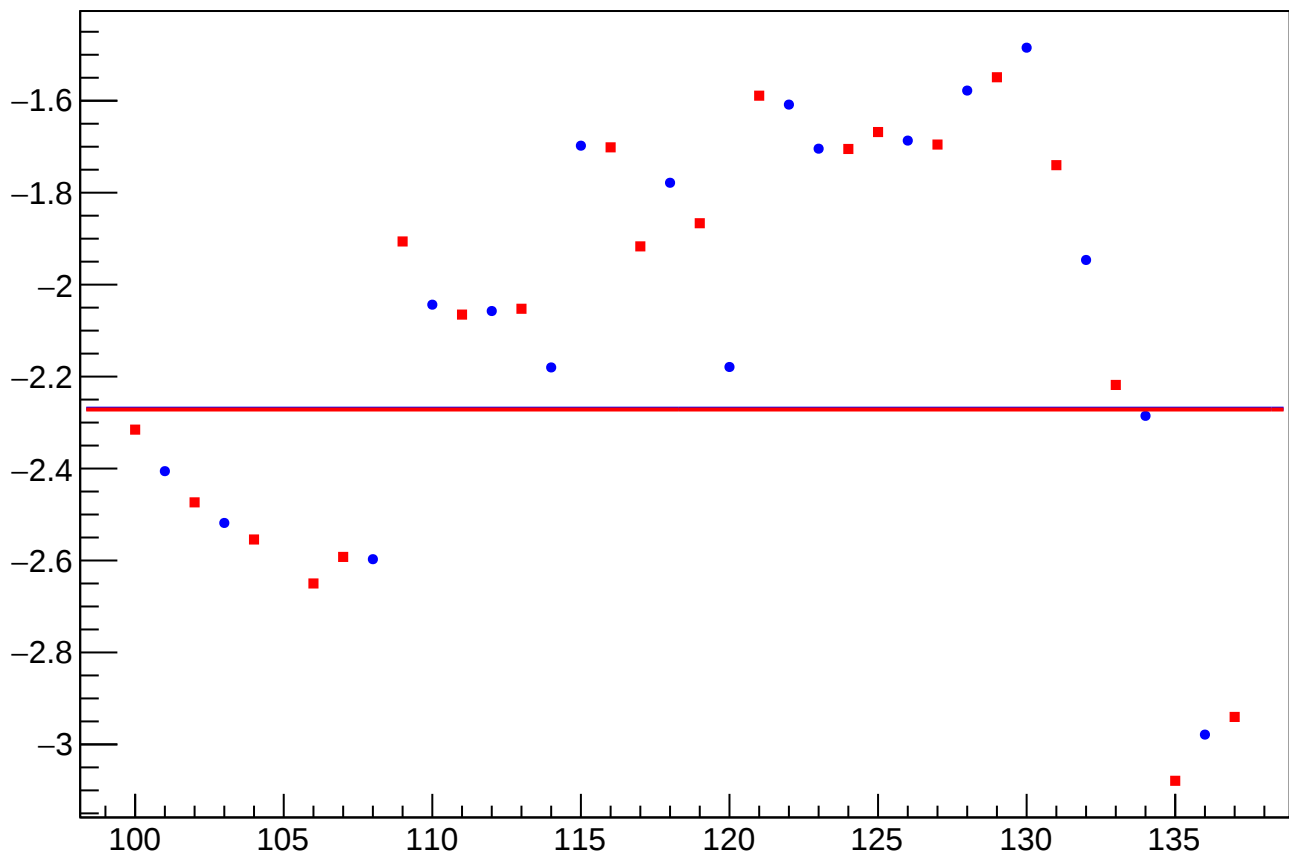
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 151586.8/16

0.009+/-0.000 χ^2/NDF : 328749.0/36

0.009+/-0.000 χ^2/NDF : 176858.0/19

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: -2.272+/-0.000 χ^2/NDF : 19012236430.2/19

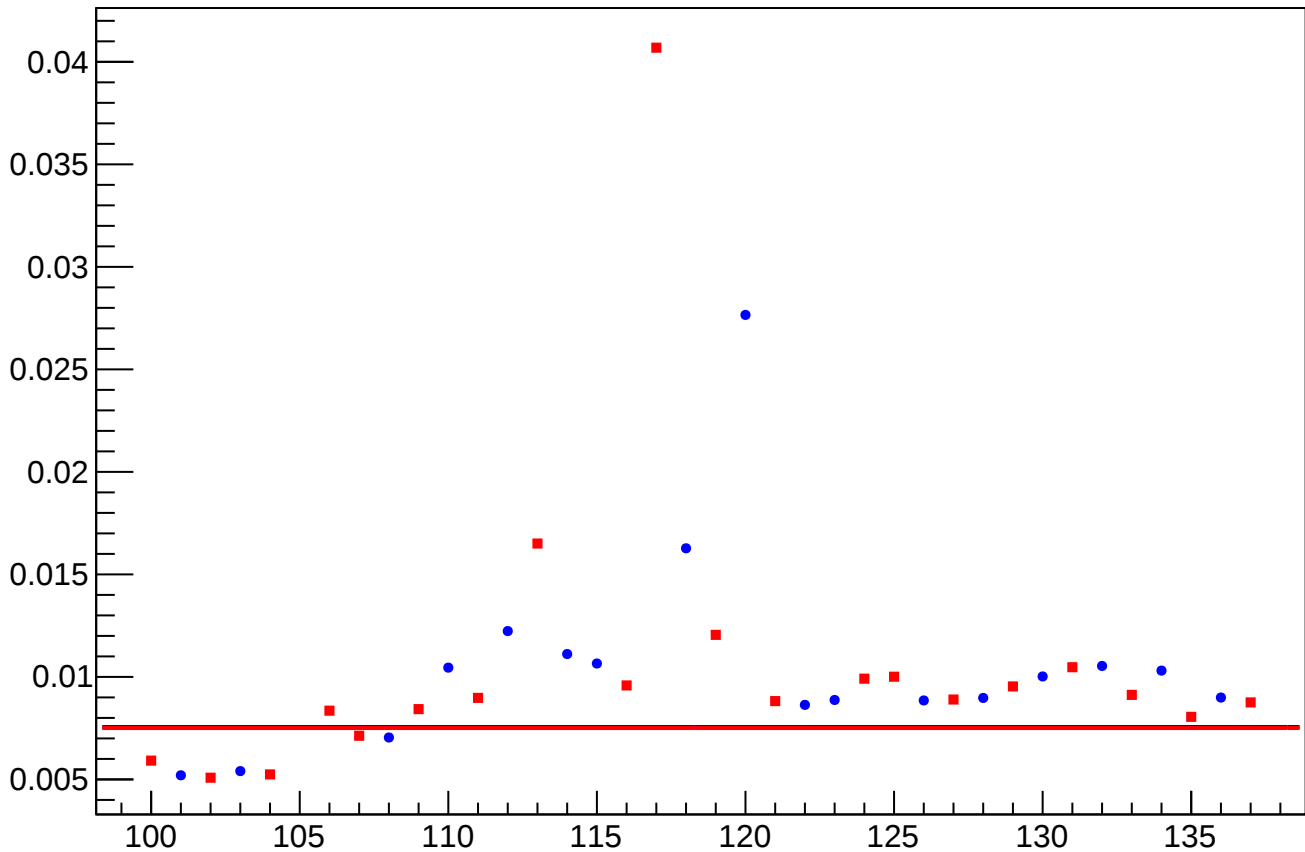
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.270+/-0.000 χ^2/NDF : 17408567065.9/16

-2.271+/-0.000 χ^2/NDF : 36420961228.2/19

-2.272+/-0.000 χ^2/NDF : 19012236430.2/19

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: 0.008+/-0.000 χ^2/NDF : 984811.6/19

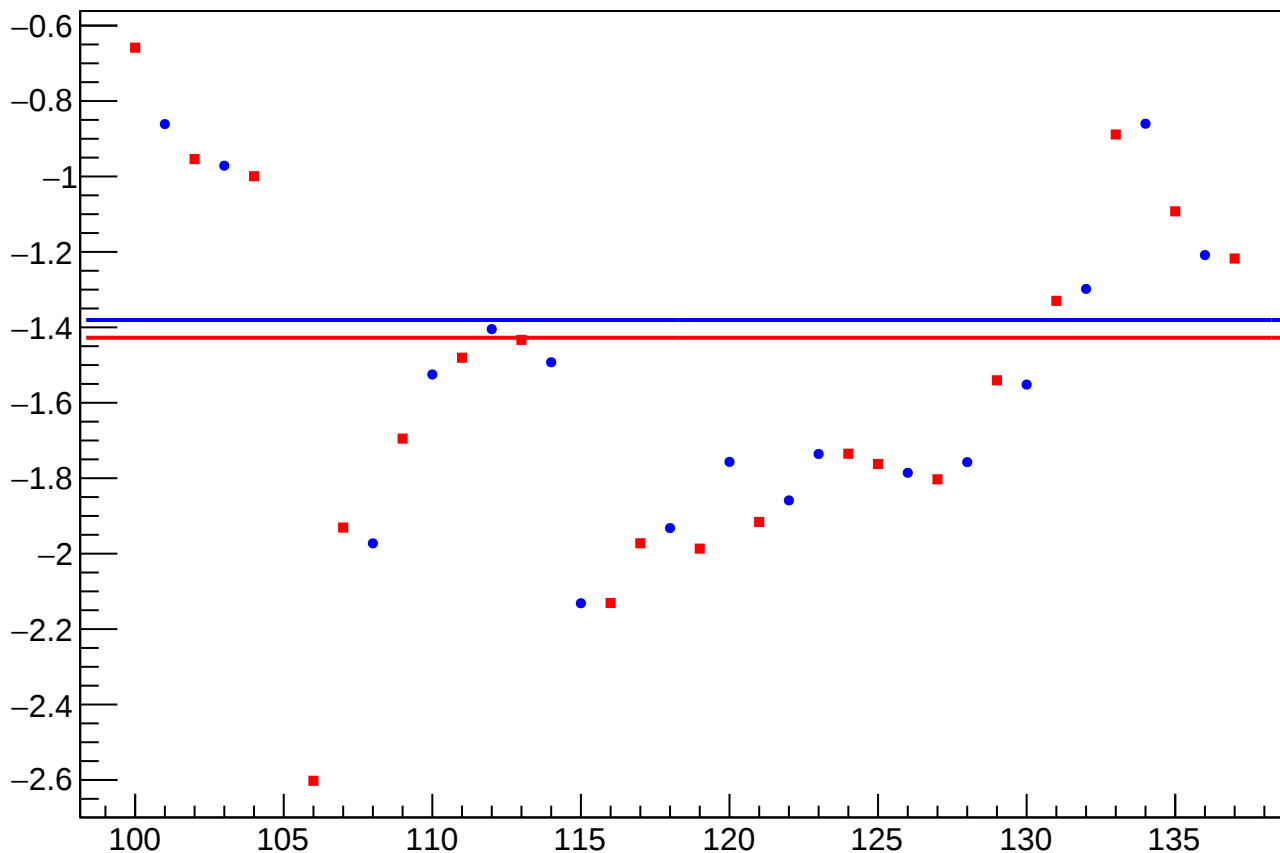
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 1221004.0/16

0.008+/-0.000 χ^2/NDF : 2206068.7/36

0.008+/-0.000 χ^2/NDF : 984811.6/19

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

Right Out: -1.428+/-0.000 χ^2/NDF : 29626603581.6/19

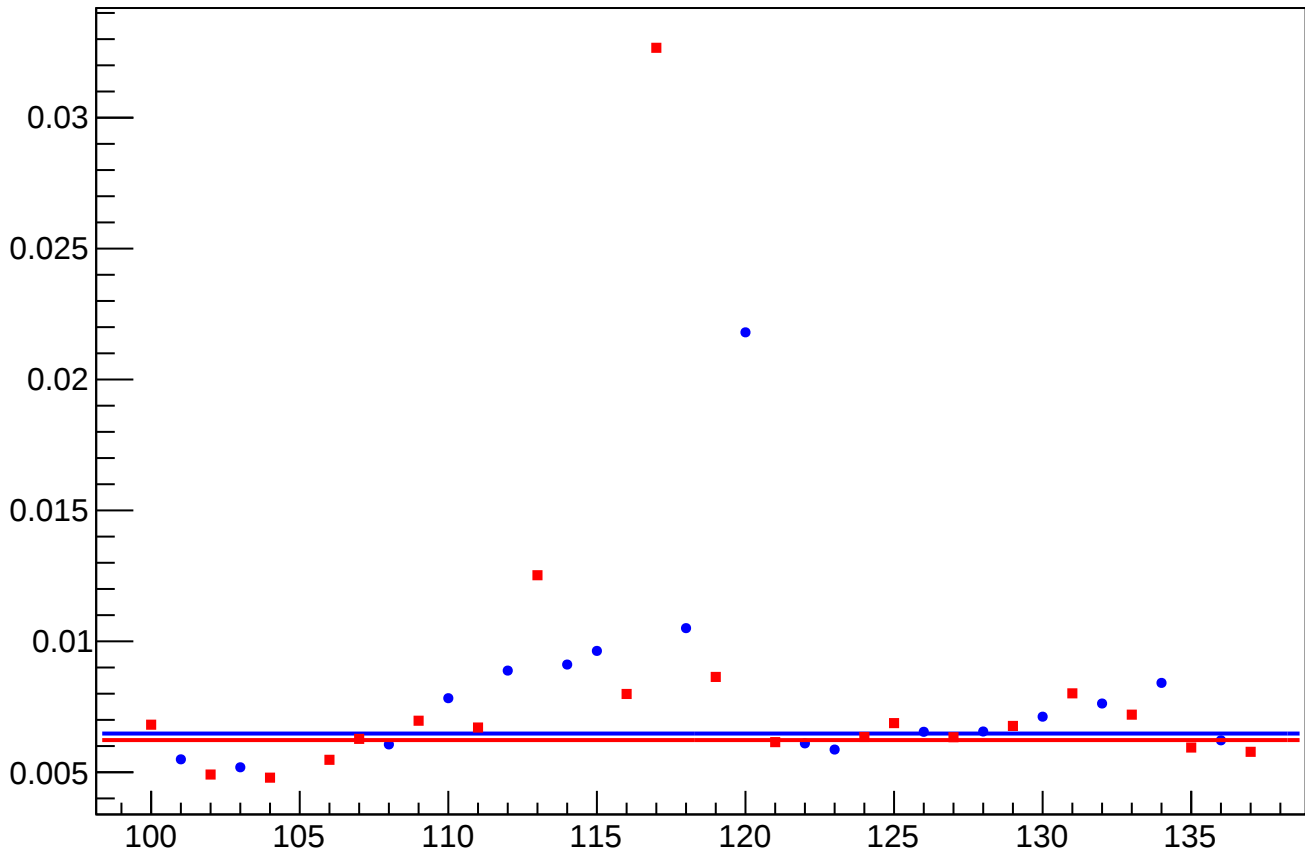
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.381+/-0.000 χ^2/NDF : 20001018652.5/16

-1.406+/-0.000 χ^2/NDF : 49782247591.0/0

-1.428+/-0.000 χ^2/NDF : 29626603581.6/19

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 : 472534.6/19

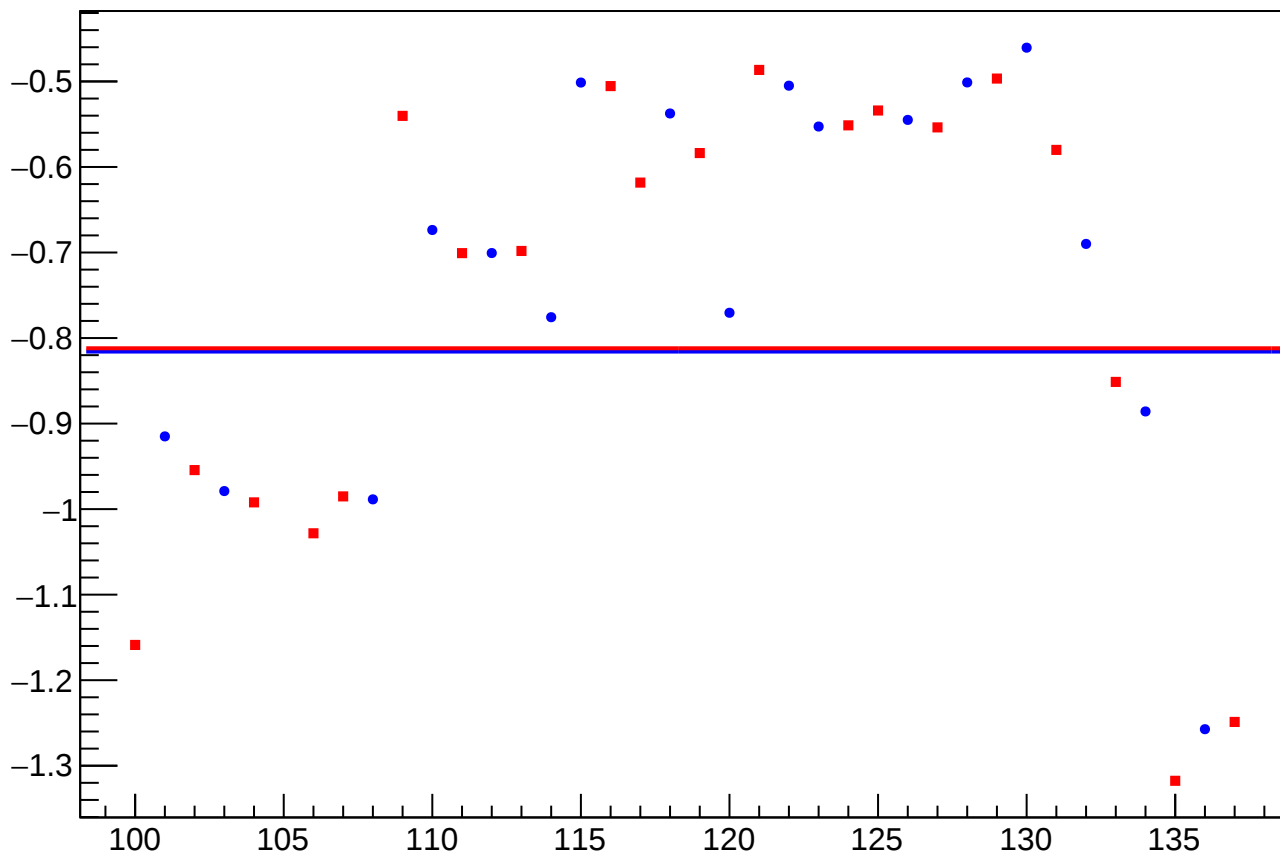
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 572678.4/16

0.006+/-0.000 χ^2/NDF : 1053929.9/36

0.006+/-0.000 χ^2/NDF : 472534.6/19

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: -0.812+/-0.000 χ^2/NDF : 16818378599.3/19

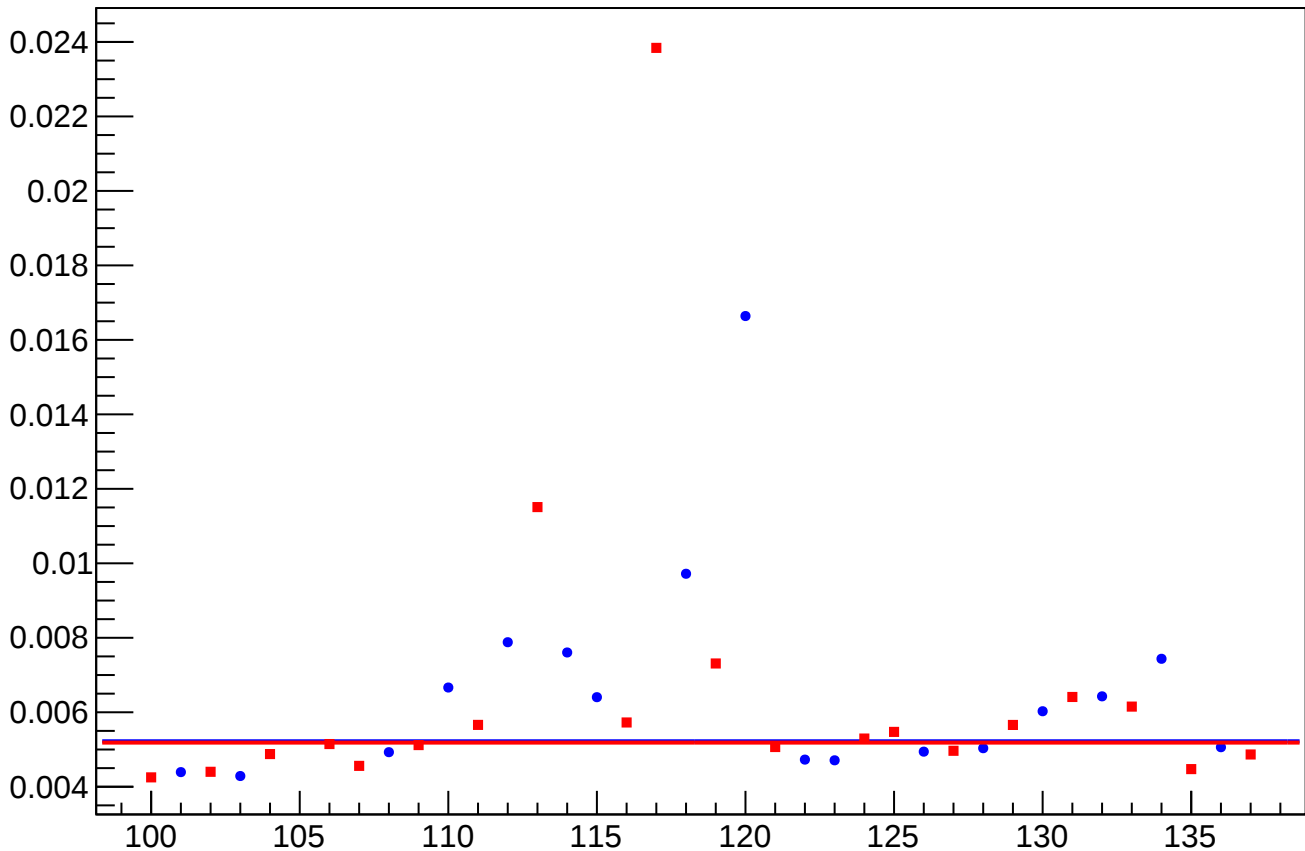
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.816+/-0.000 χ^2/NDF : 14172884795.2/16

-0.814+/-0.000 χ^2/NDF : 30992786329.3/19

-0.812+/-0.000 χ^2/NDF : 16818378599.3/19

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 : 410640.5/19

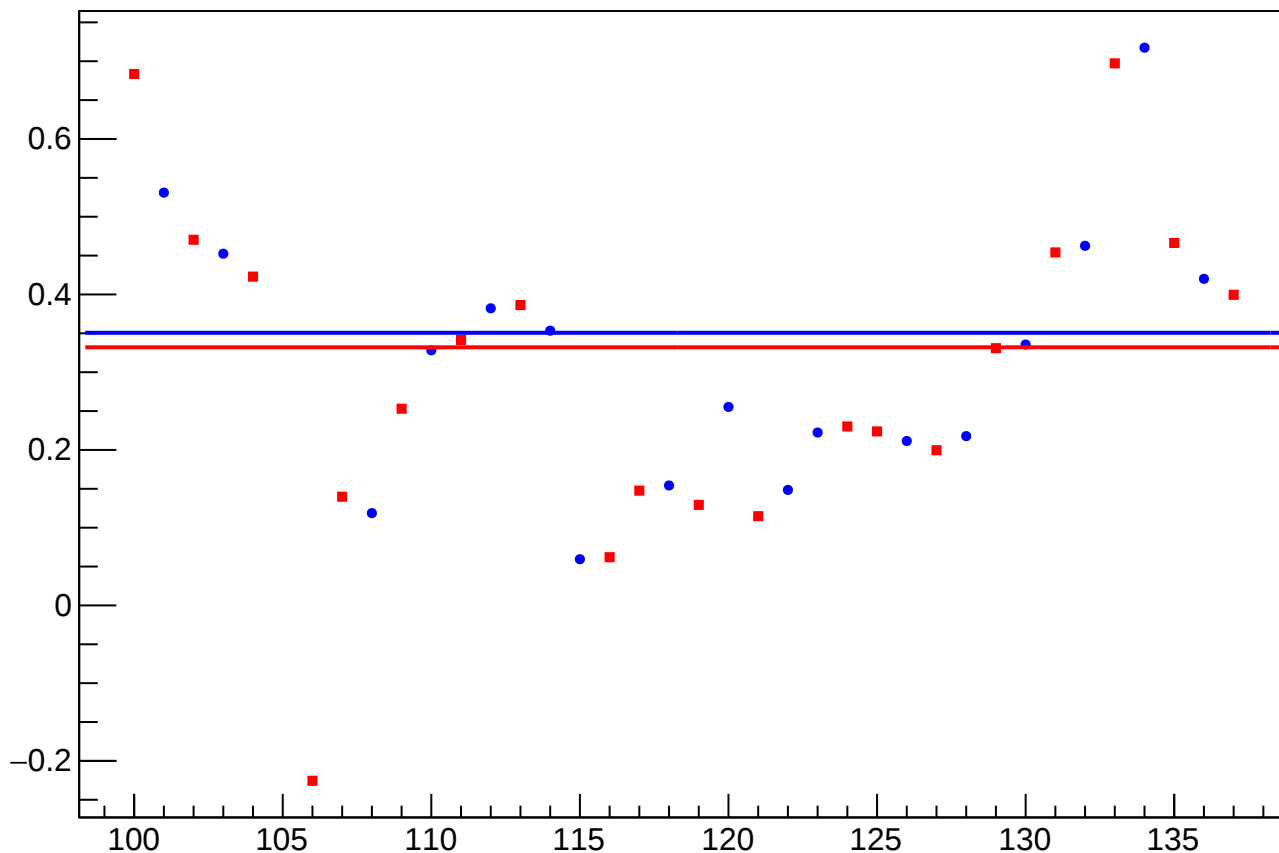
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 664386.8/16

0.005+/-0.000 χ^2/NDF : 1075299.9/36

0.005+/-0.000 χ^2/NDF : 410640.5/19

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: 0.332 ± 0.000 χ^2/NDF : 11800695210.2/19

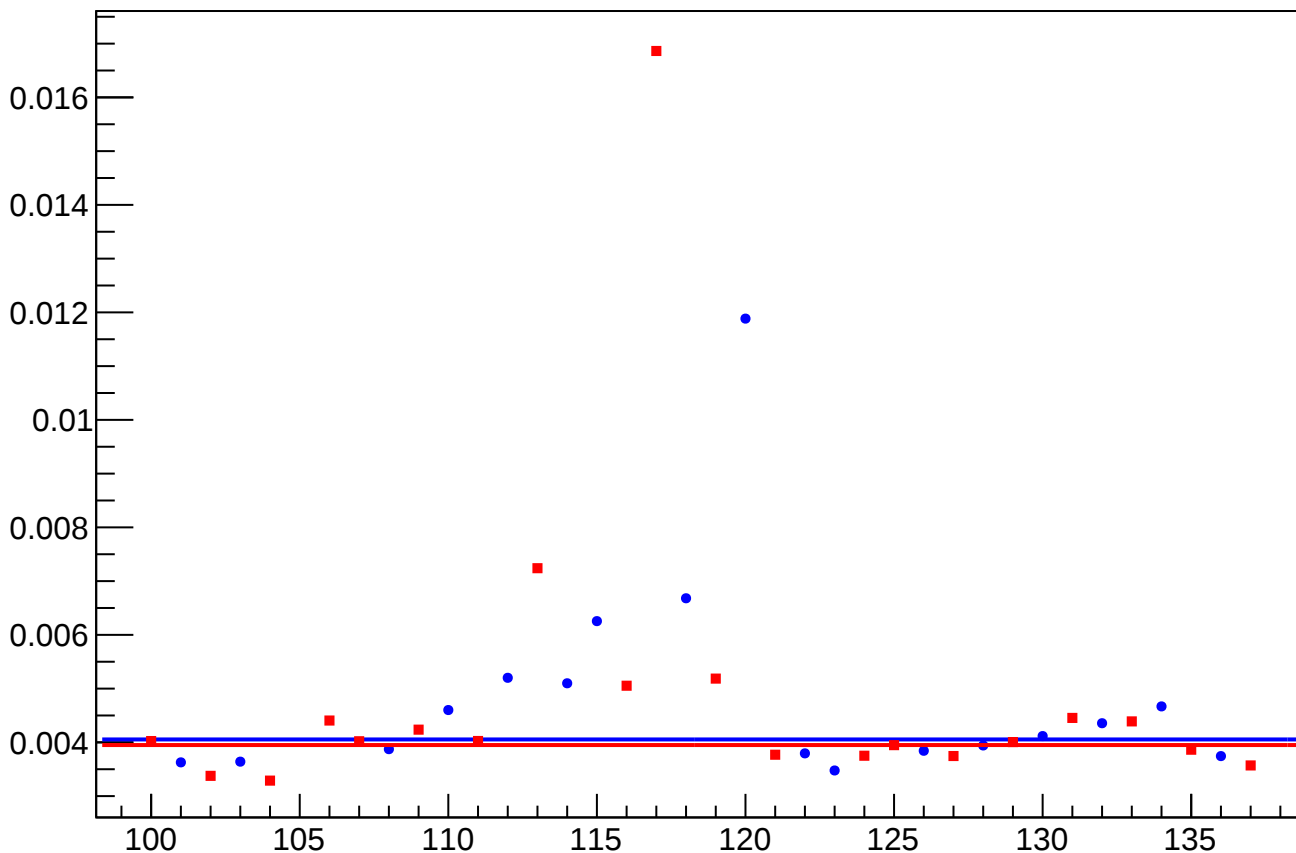
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.351 ± 0.000 χ^2/NDF : 7410859446.3/16

0.341 ± 0.000 χ^2/NDF : 19275835053.4/3

0.332 ± 0.000 χ^2/NDF : 11800695210.2/19

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 : 304954.7/19

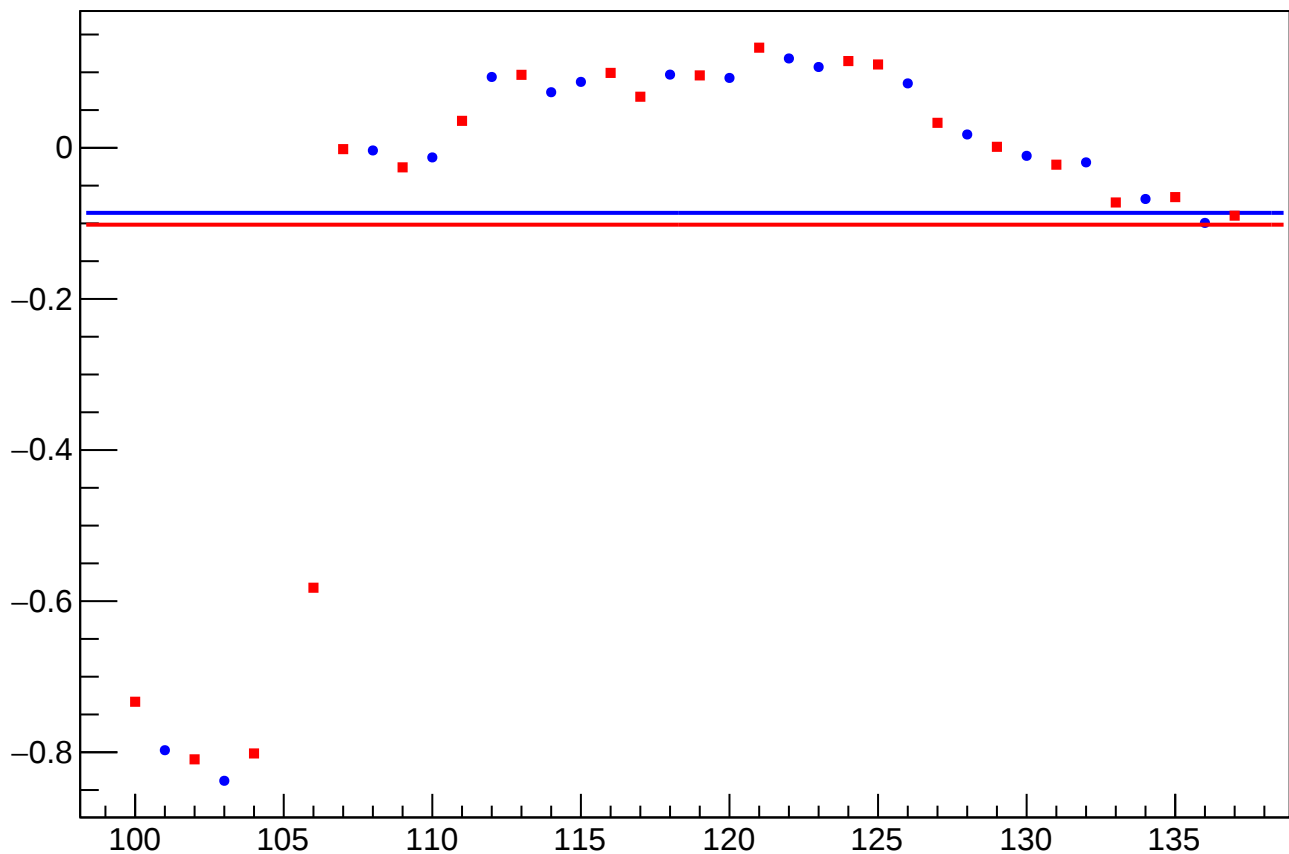
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 455318.3/16

0.004+/-0.000 χ^2/NDF : 764280.7/36

0.004+/-0.000 χ^2/NDF : 304954.7/19

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 : 5566142794.2/19

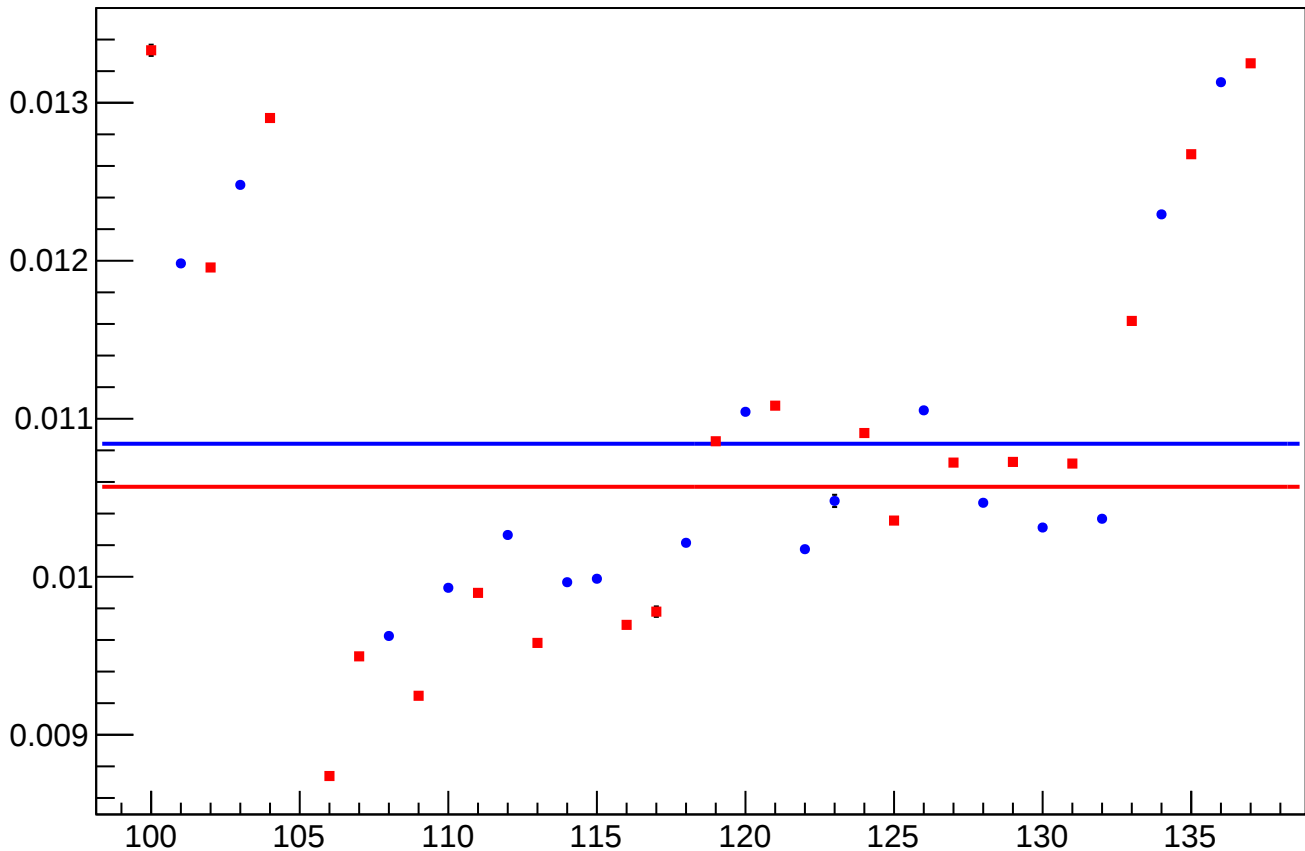
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.086+/-0.000 χ^2/NDF : 4989387592.7/16

-0.094+/-0.000 χ^2/NDF : 10562836915.5/3

-0.102+/-0.000 χ^2/NDF : 5566142794.2/19

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 : 179537.7/19

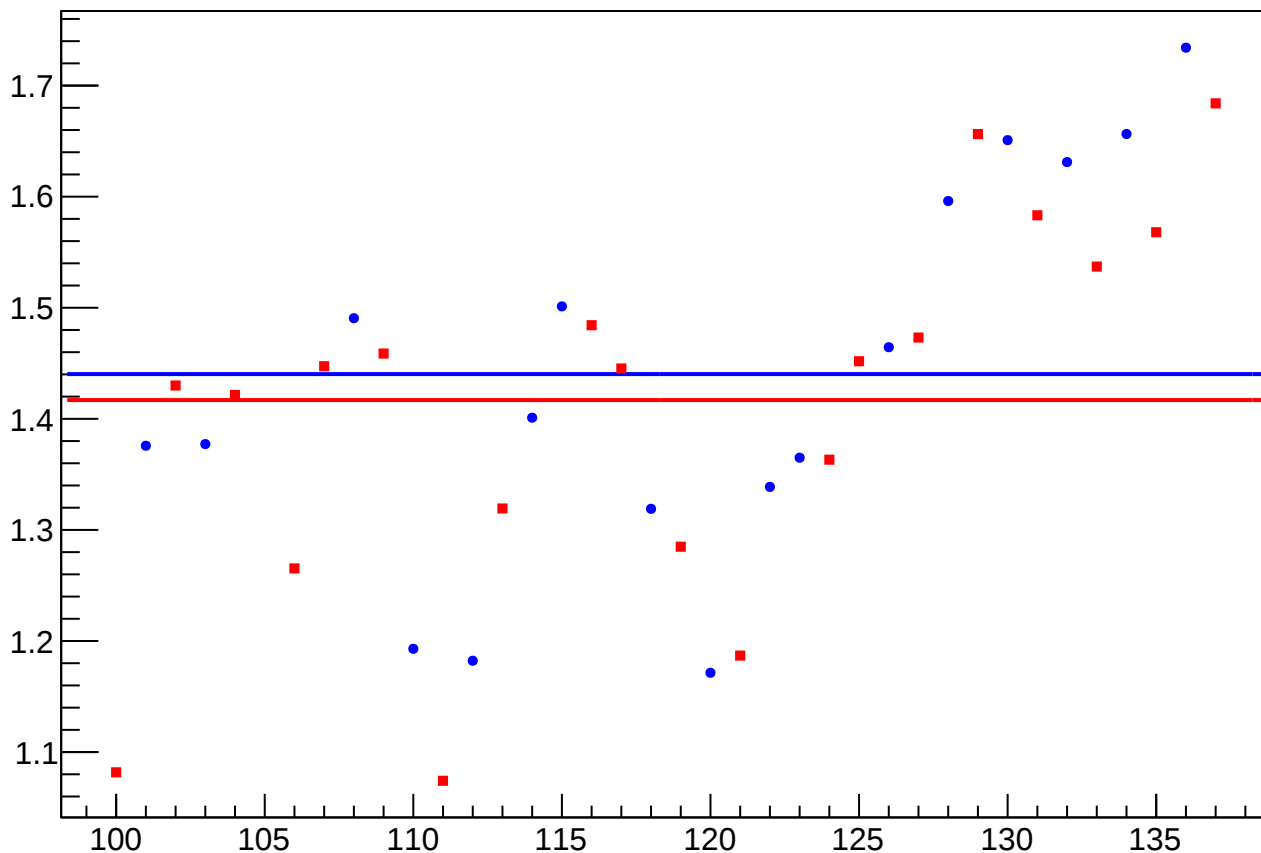
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 124260.3/16

0.011+/-0.000 χ^2/NDF : 308221.1/36

0.011+/-0.000 χ^2/NDF : 179537.7/19

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: 1.417+/-0.000 χ^2/NDF : 2674679406.4/19

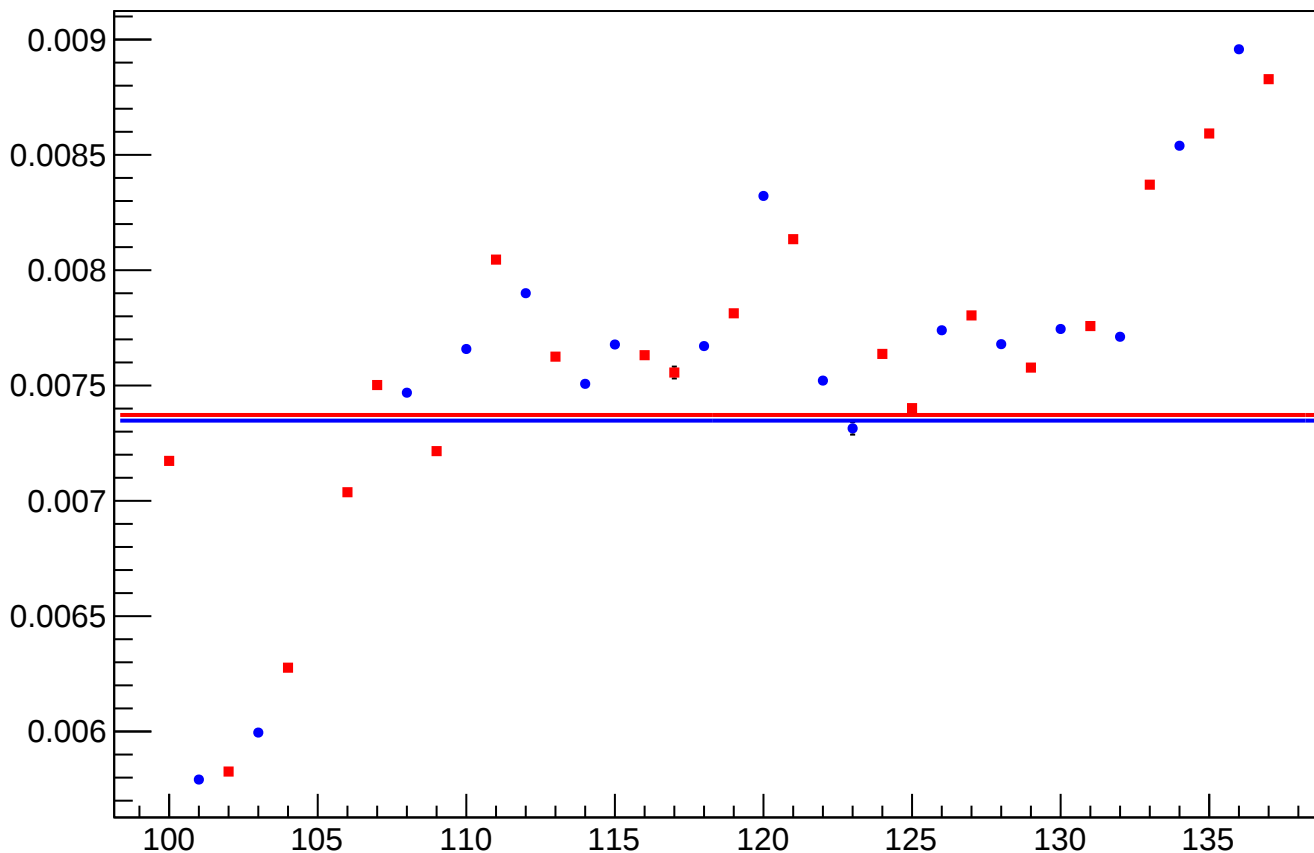
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.440+/-0.000 χ^2/NDF : 3449252780.8/16

1.428+/-0.000 χ^2/NDF : 6158310213.1/36

1.417+/-0.000 χ^2/NDF : 2674679406.4/19

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 : 172741.0/19

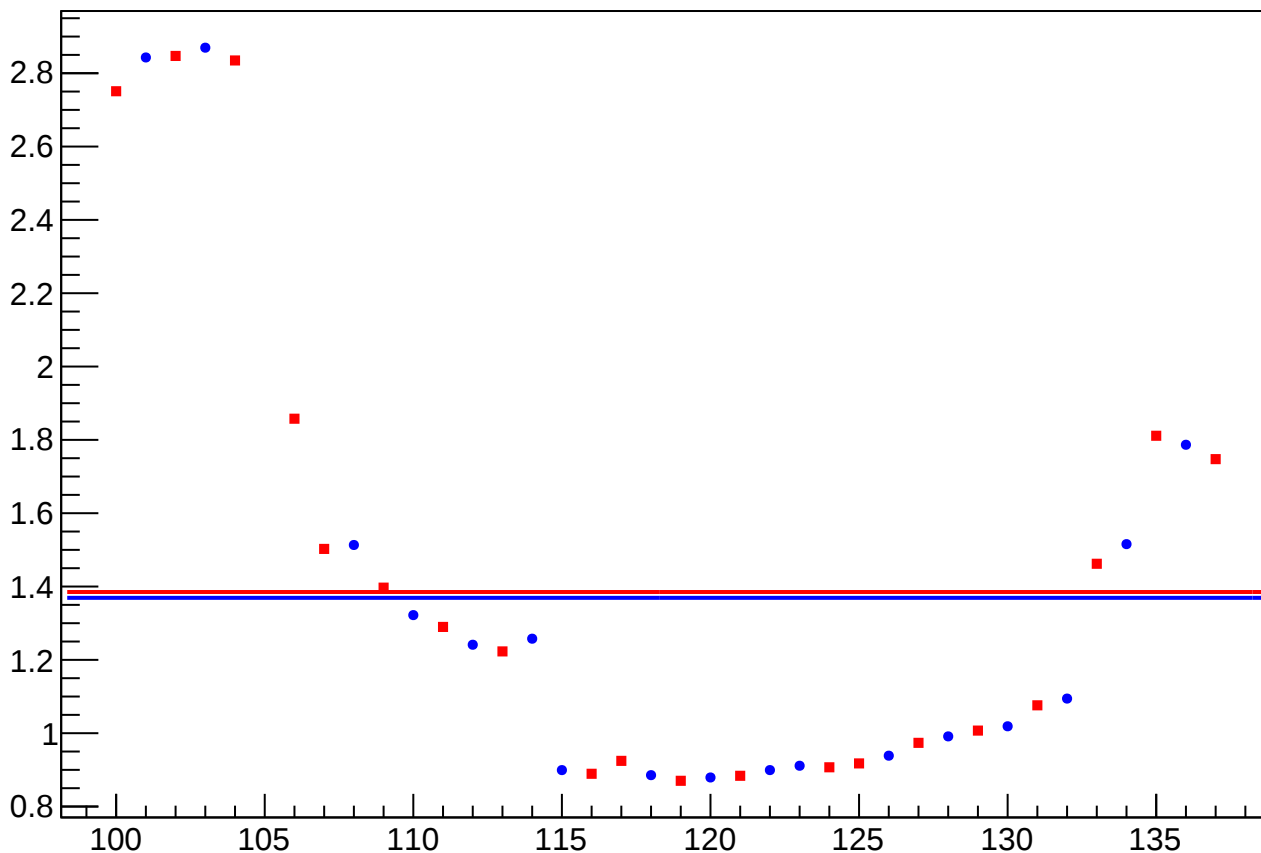
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.007+/-0.000 χ^2/NDF : 228163.6/16

0.007+/-0.000 χ^2/NDF : 400980.0/36

0.007+/-0.000 χ^2/NDF : 172741.0/19

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: 1.385+/-0.000 χ^2/NDF : 50114562617.6/19

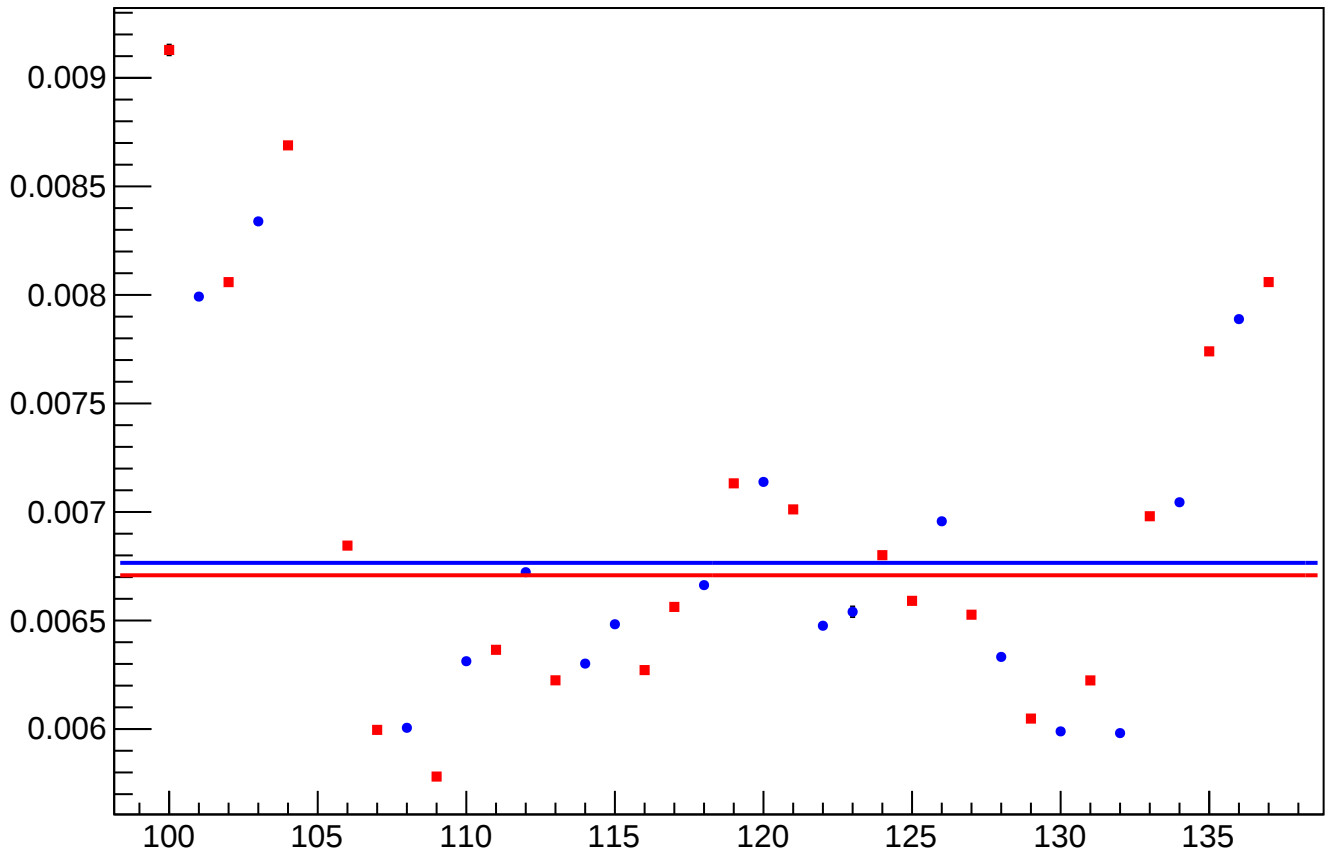
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.369+/-0.000 χ^2/NDF : 54205395389.8/16

1.377+/-0.000 χ^2/NDF : 104338894544.3/16

1.385+/-0.000 χ^2/NDF : 50114562617.6/19

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 : 187869.7/19

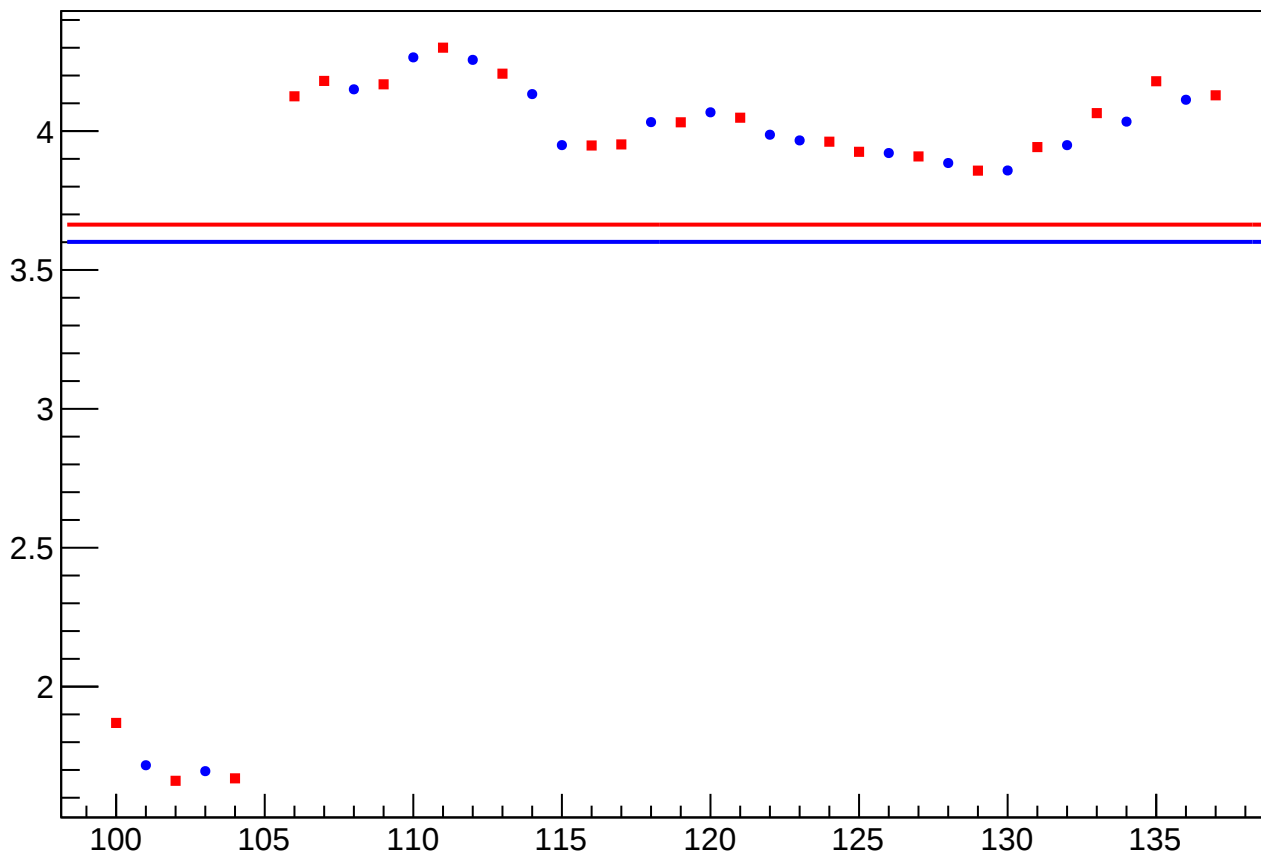
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 159554.9/16

0.007+/-0.000 χ^2/NDF : 347916.5/36

0.007+/-0.000 χ^2/NDF : 187869.7/19

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

Right Out: 3.663+/-0.000 χ^2/NDF : 192640409625.9/19

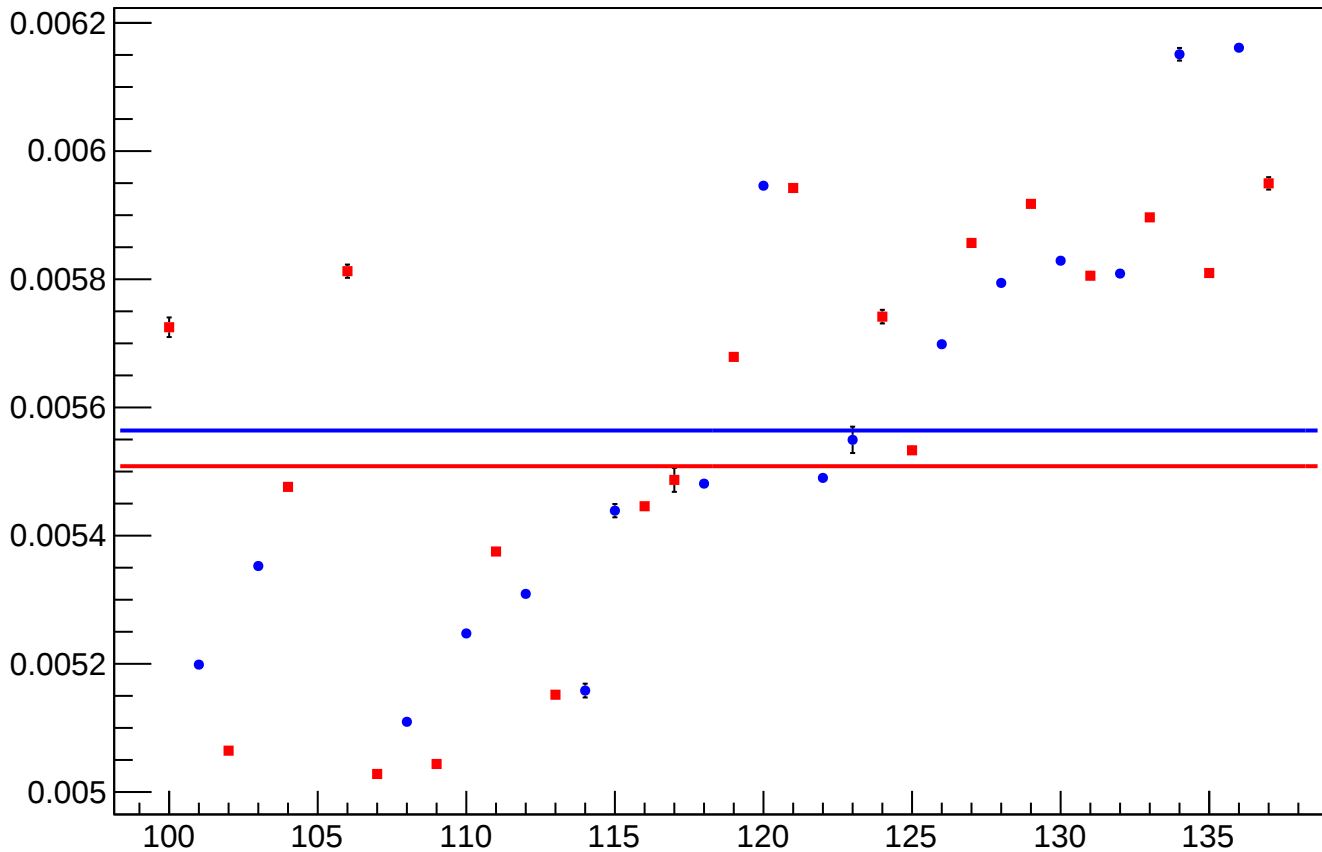
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.601+/-0.000 χ^2/NDF : 185806937655.3/16

3.633+/-0.000 χ^2/NDF : 378877627398.1/19

3.663+/-0.000 χ^2/NDF : 192640409625.9/19

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: 0.006+/-0.000 χ^2/NDF : 52636.1/19

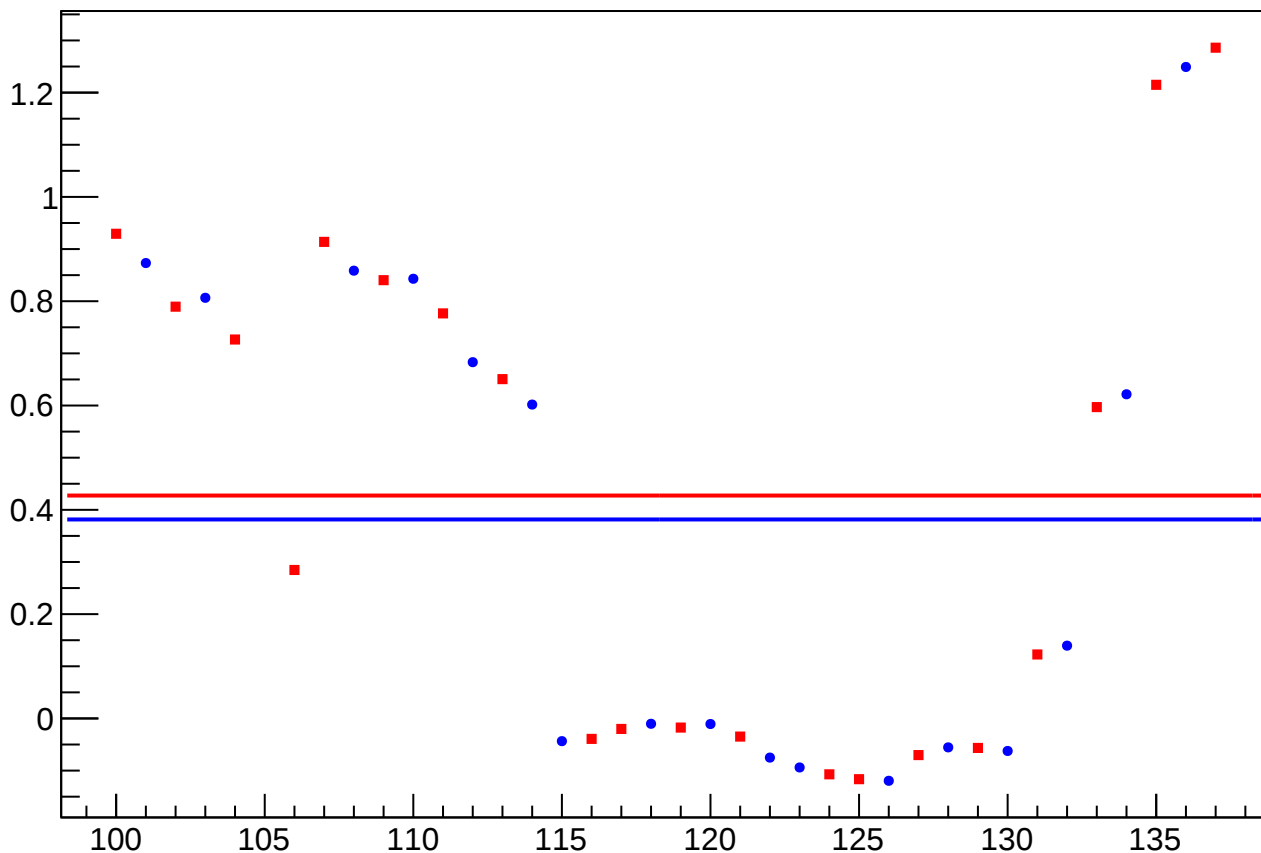
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 47588.2/16

0.006+/-0.000 χ^2/NDF : 100916.3/36

0.006+/-0.000 χ^2/NDF : 52636.1/19

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: 0.427+/-0.000 χ^2/NDF : 6716521382.4/19

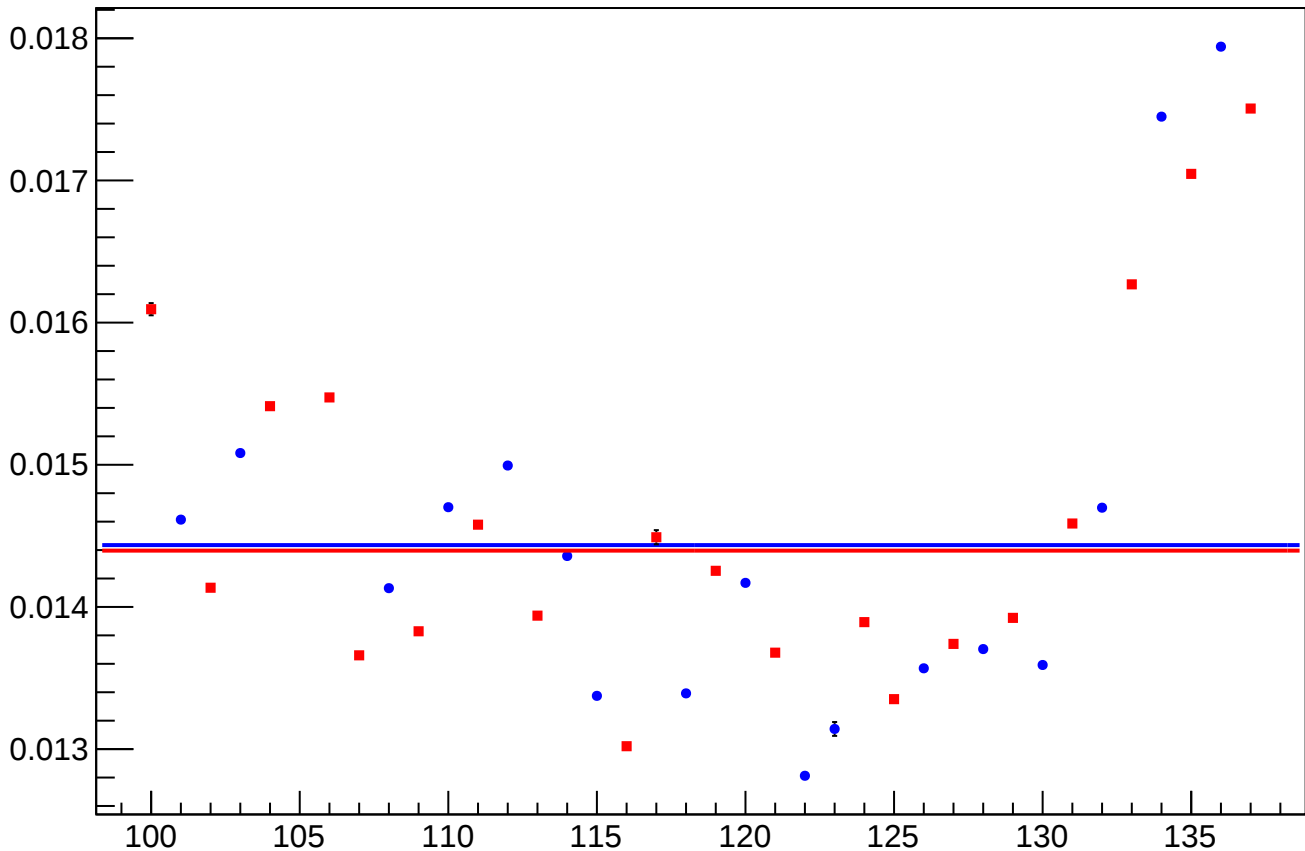
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.382+/-0.000 χ^2/NDF : 7124759123.1/16

0.405+/-0.000 χ^2/NDF : 13875696158.9/3

0.427+/-0.000 χ^2/NDF : 6716521382.4/19

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 : 74535.1/19

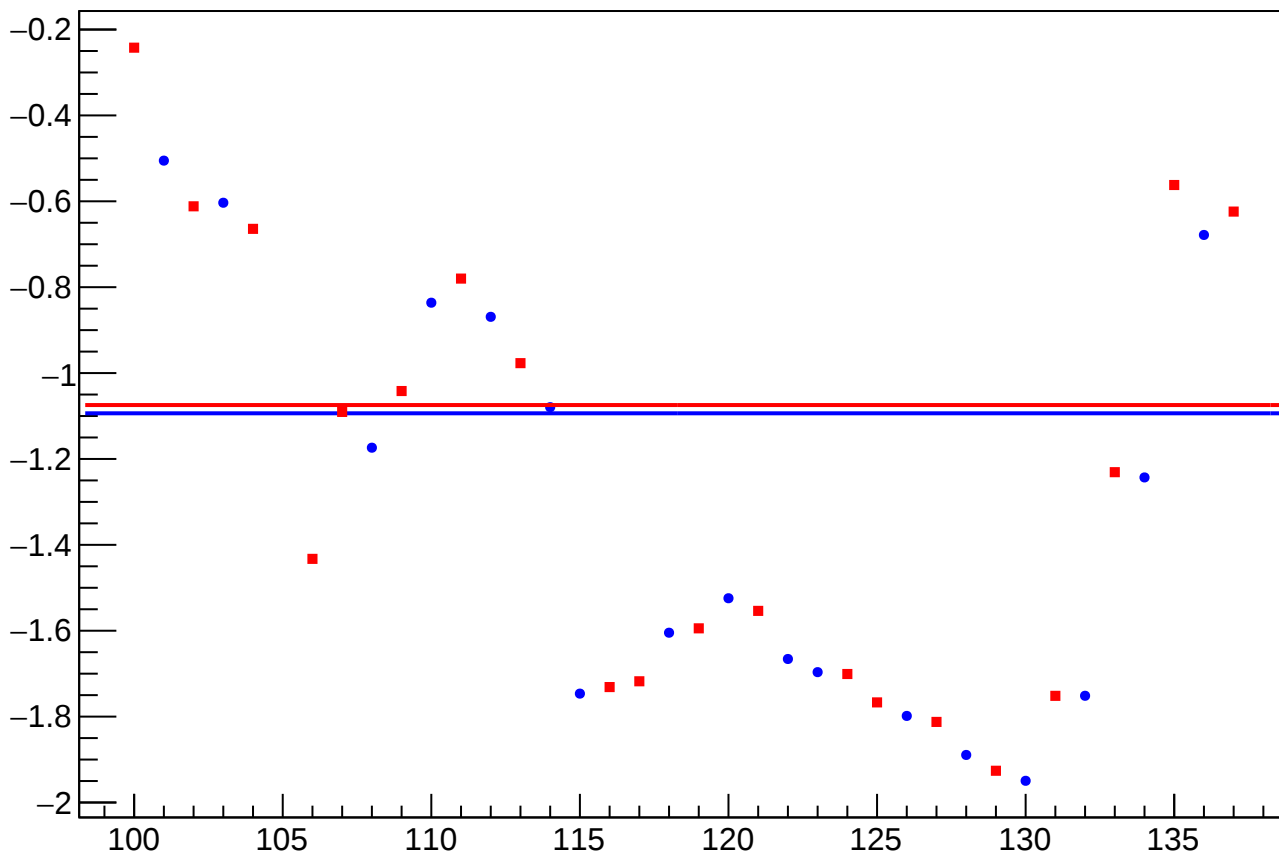
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 110224.4/16

0.014+/-0.000 χ^2/NDF : 184808.8/36

0.014+/-0.000 χ^2/NDF : 74535.1/19

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

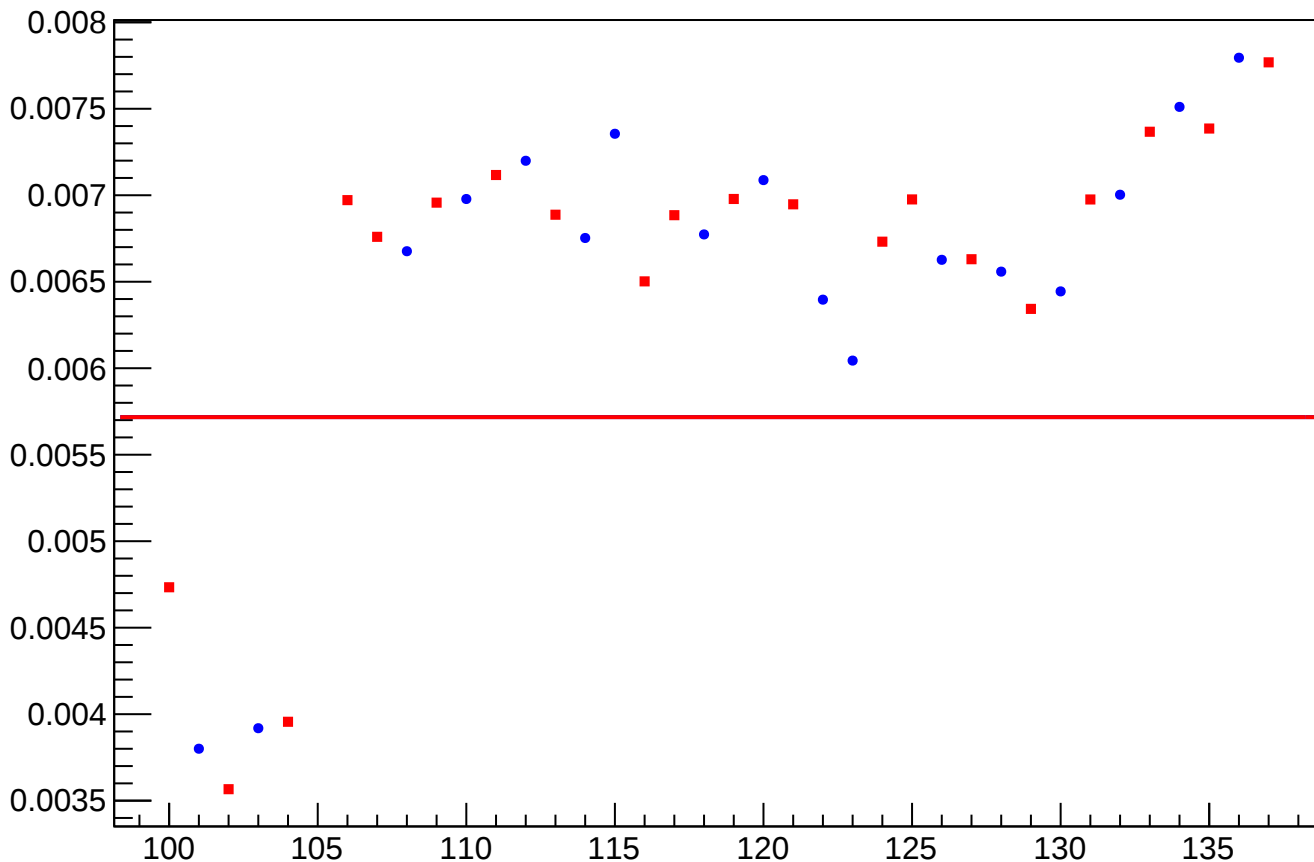
Right Out: -1.074+/-0.000 χ^2/NDF : 47208439320.8/19

-1.084+/-0.000 χ^2/NDF : 103202832260.4

-1.074+/-0.000 χ^2/NDF : 47208439320.8/19

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 : 925957.4/19

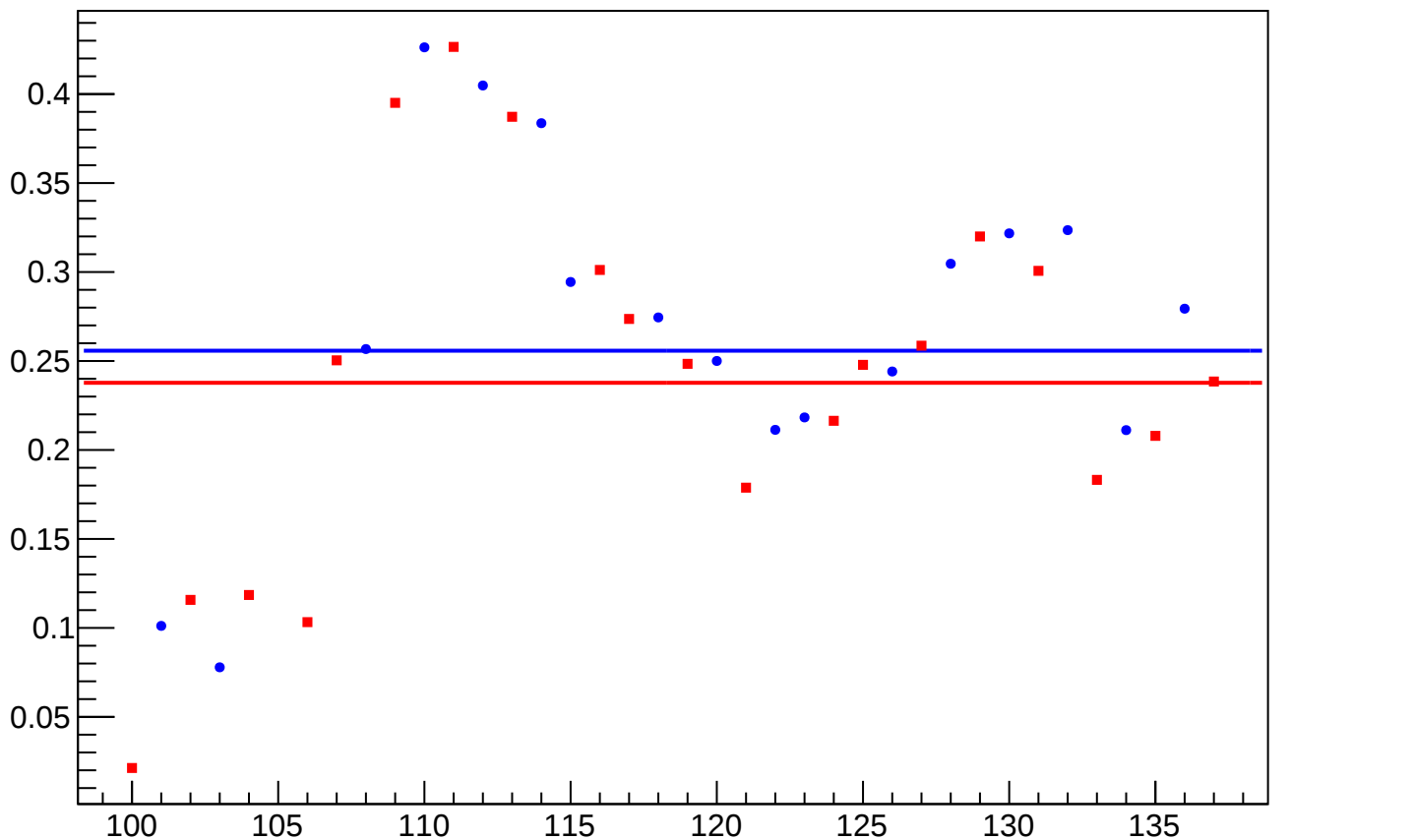
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 837775.0/16

0.006+/-0.000 χ^2/NDF : 1763732.4/36

0.006+/-0.000 χ^2/NDF : 925957.4/19

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 : 26077768189.7/19

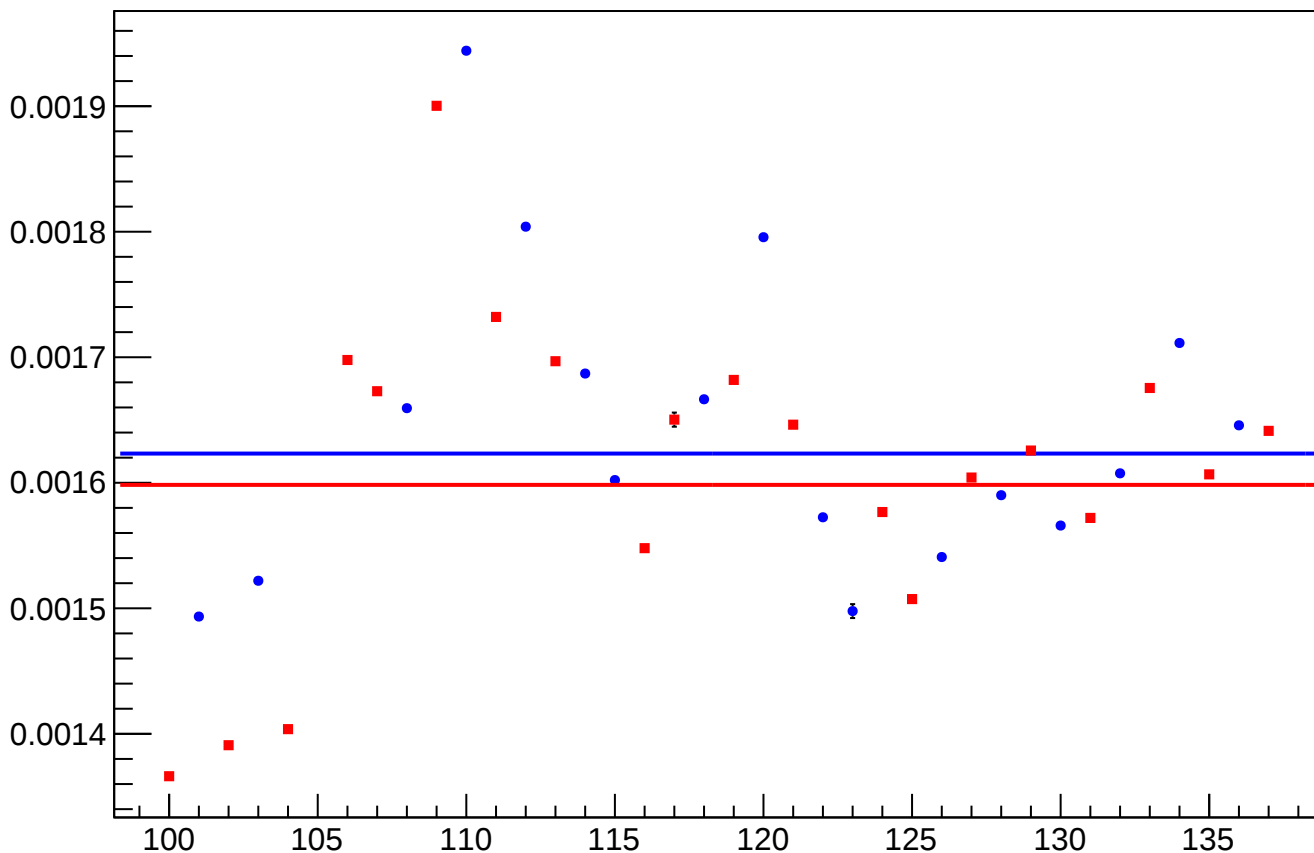
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.256+/-0.000 χ^2/NDF : 21365489849.4/16

0.246+/-0.000 χ^2/NDF : 47863433772.3/3

0.238+/-0.000 χ^2/NDF : 26077768189.7/19

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 : 90764.4/19

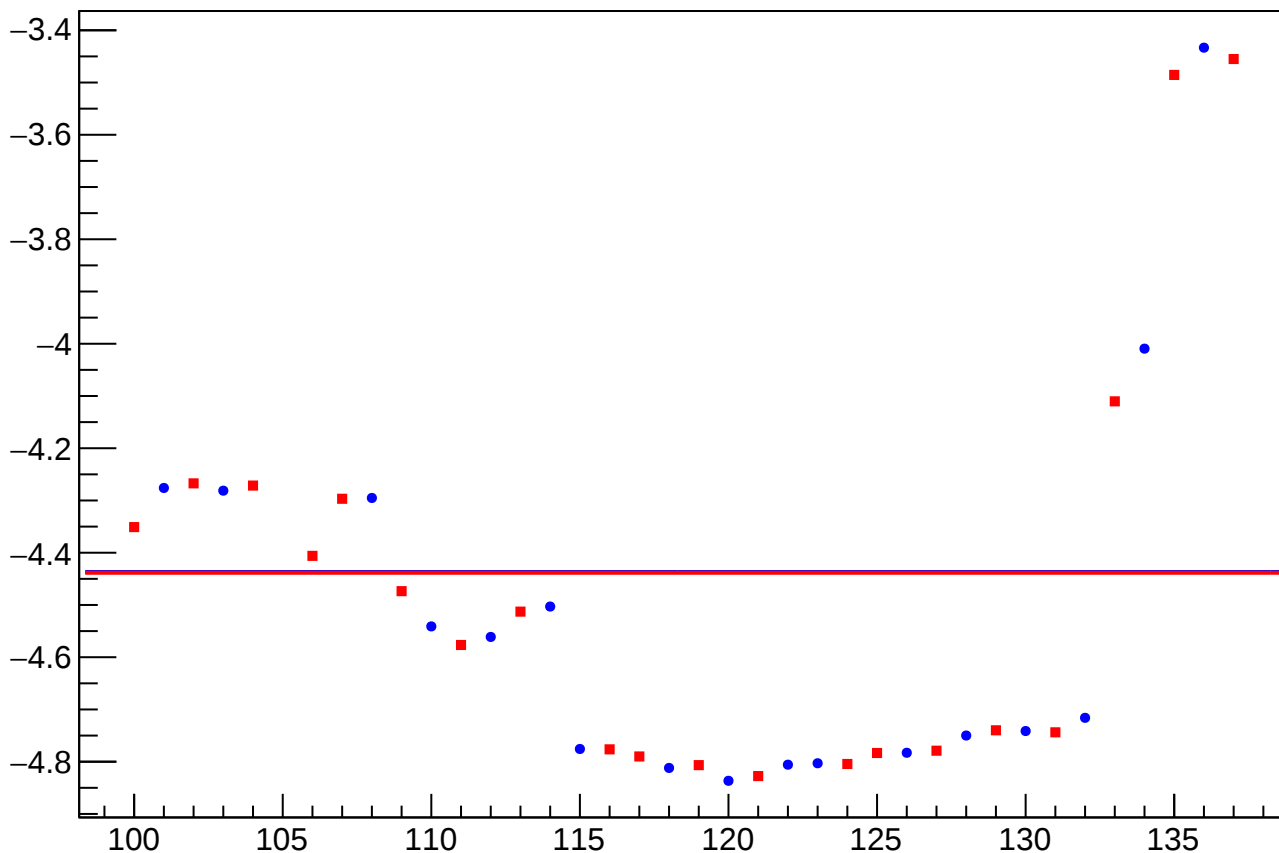
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52468.7/16

0.002+/-0.000 χ^2/NDF : 144841.9/36

0.002+/-0.000 χ^2/NDF : 90764.4/19

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

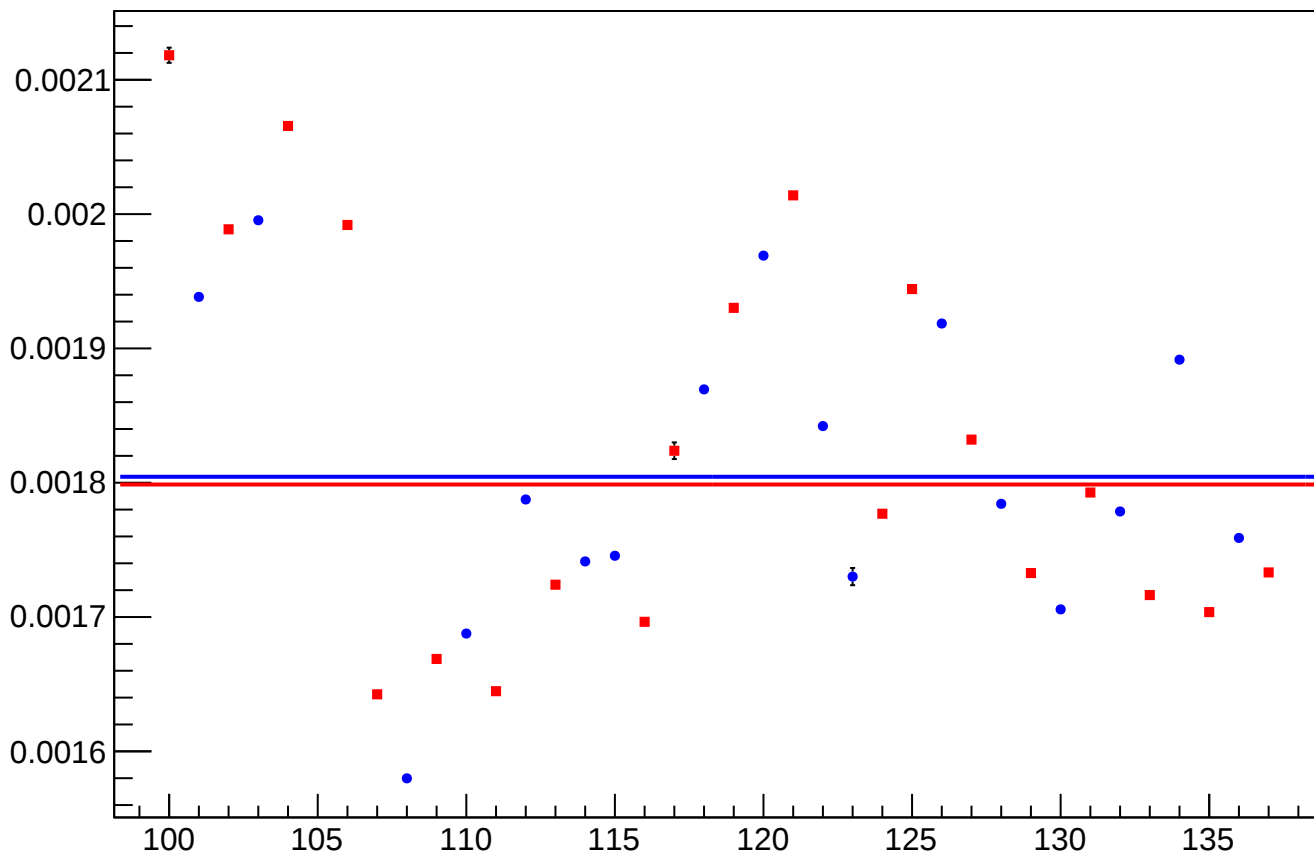
Right Out: -4.438+/-0.000 χ^2/NDF : 326800745779.7/19

-4.438+/-0.000 χ^2/NDF : 719615072395.7

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

-4.438+/-0.000 χ^2/NDF : 326800745779.7/19

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 : 81037.5/19

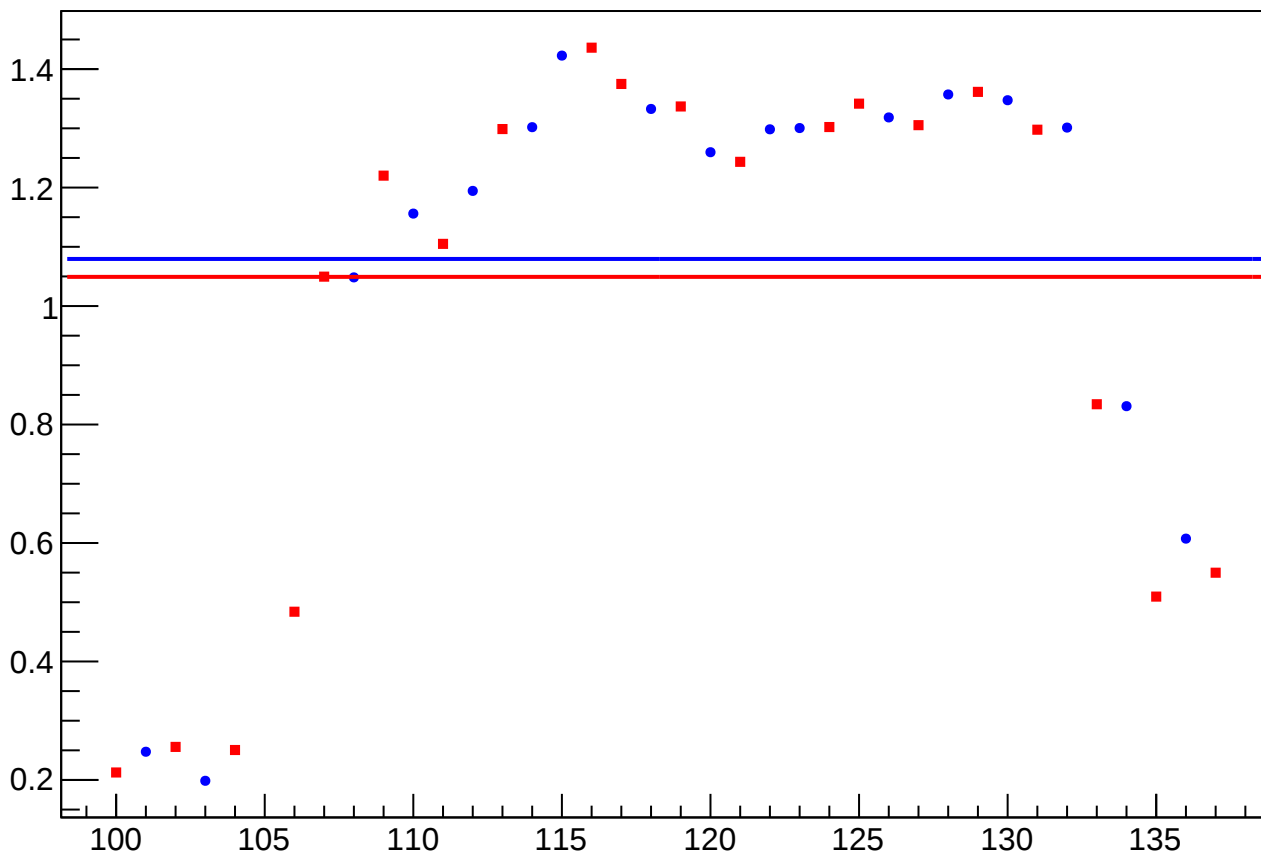
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 49103.2/16

0.002+/-0.000 χ^2/NDF : 130209.1/36

0.002+/-0.000 χ^2/NDF : 81037.5/19

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: 1.049+/-0.000 χ^2/NDF : 19787986428.4/19

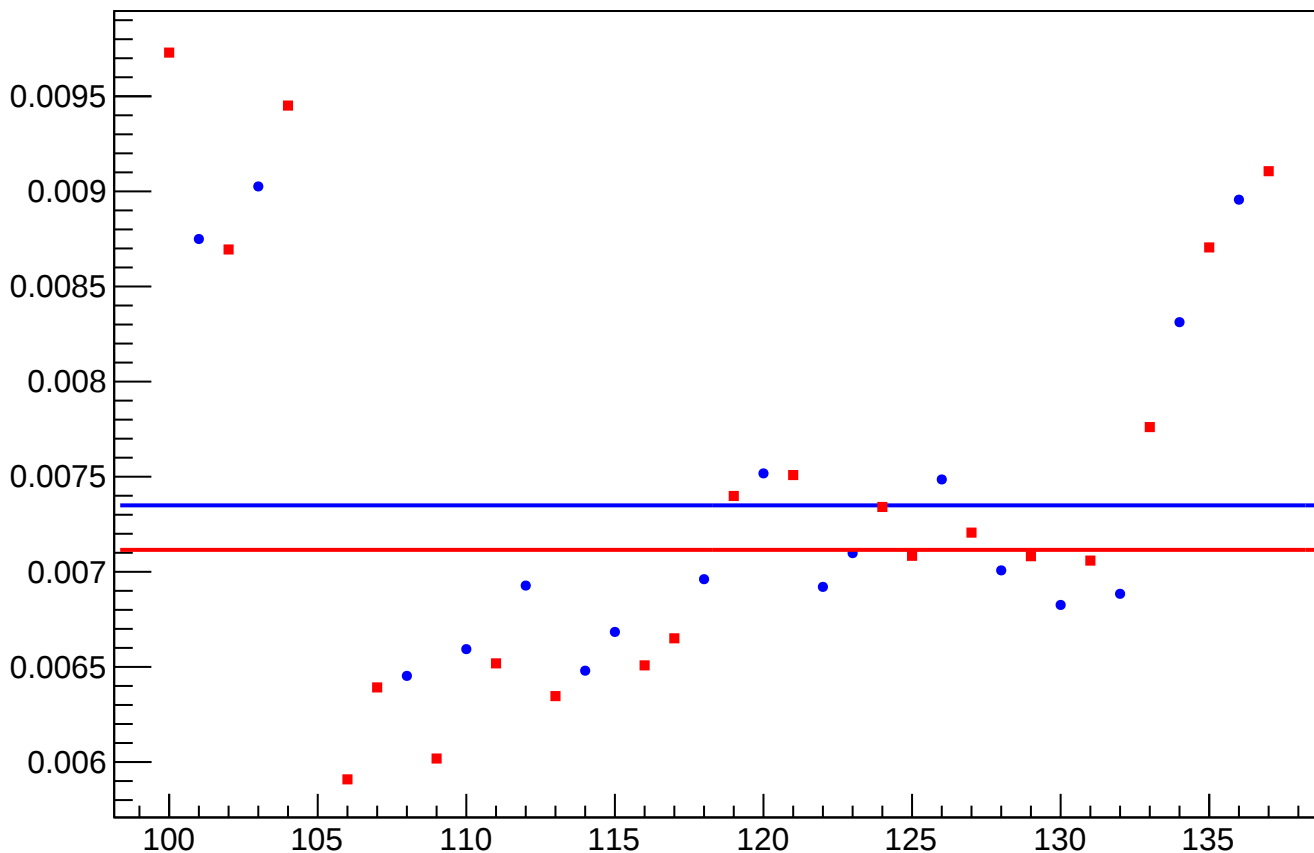
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.080+/-0.000 χ^2/NDF : 17533321220.5/16

1.063+/-0.000 χ^2/NDF : 37380767777.2/3

1.049+/-0.000 χ^2/NDF : 19787986428.4/19

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 : 259539.3/19

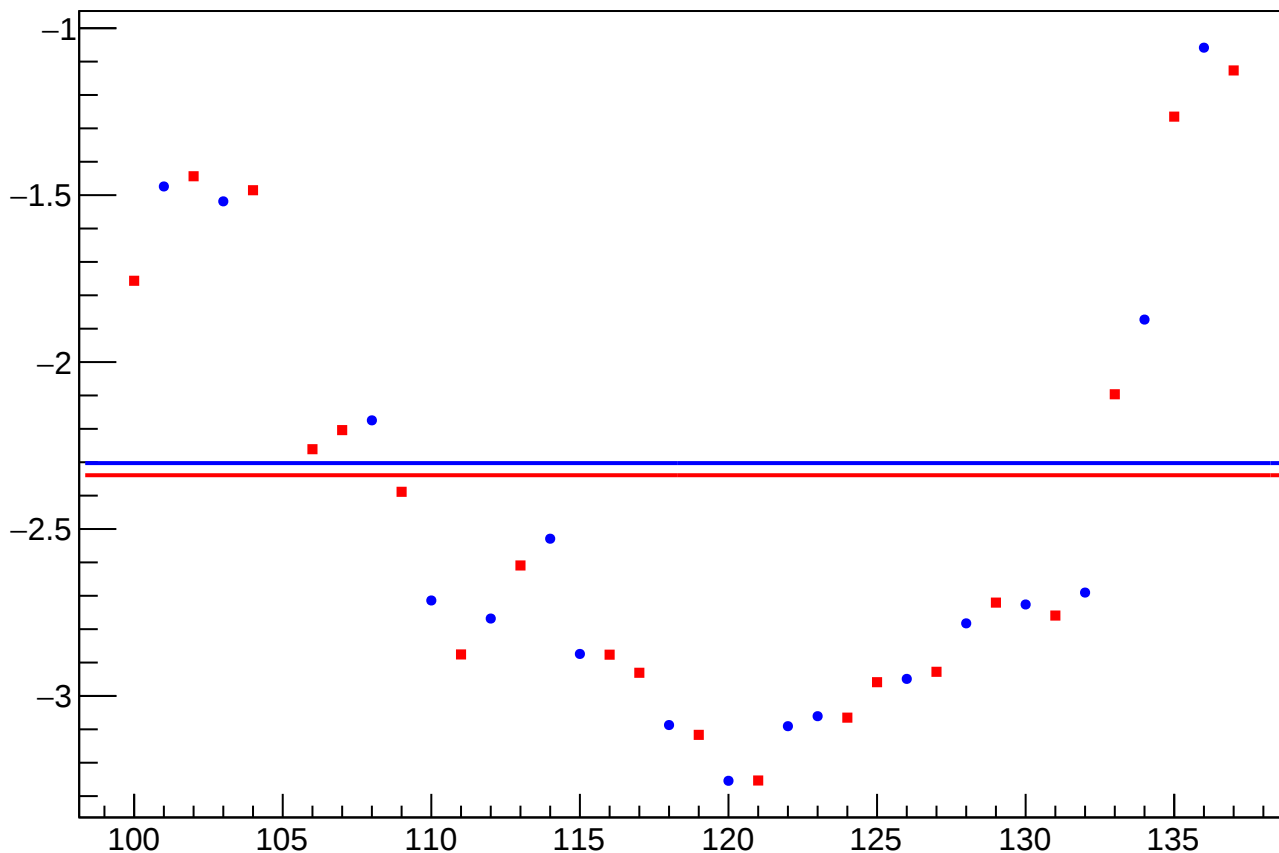
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 180818.7/16

0.007+/-0.000 χ^2/NDF : 447473.8/36

0.007+/-0.000 χ^2/NDF : 259539.3/19

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

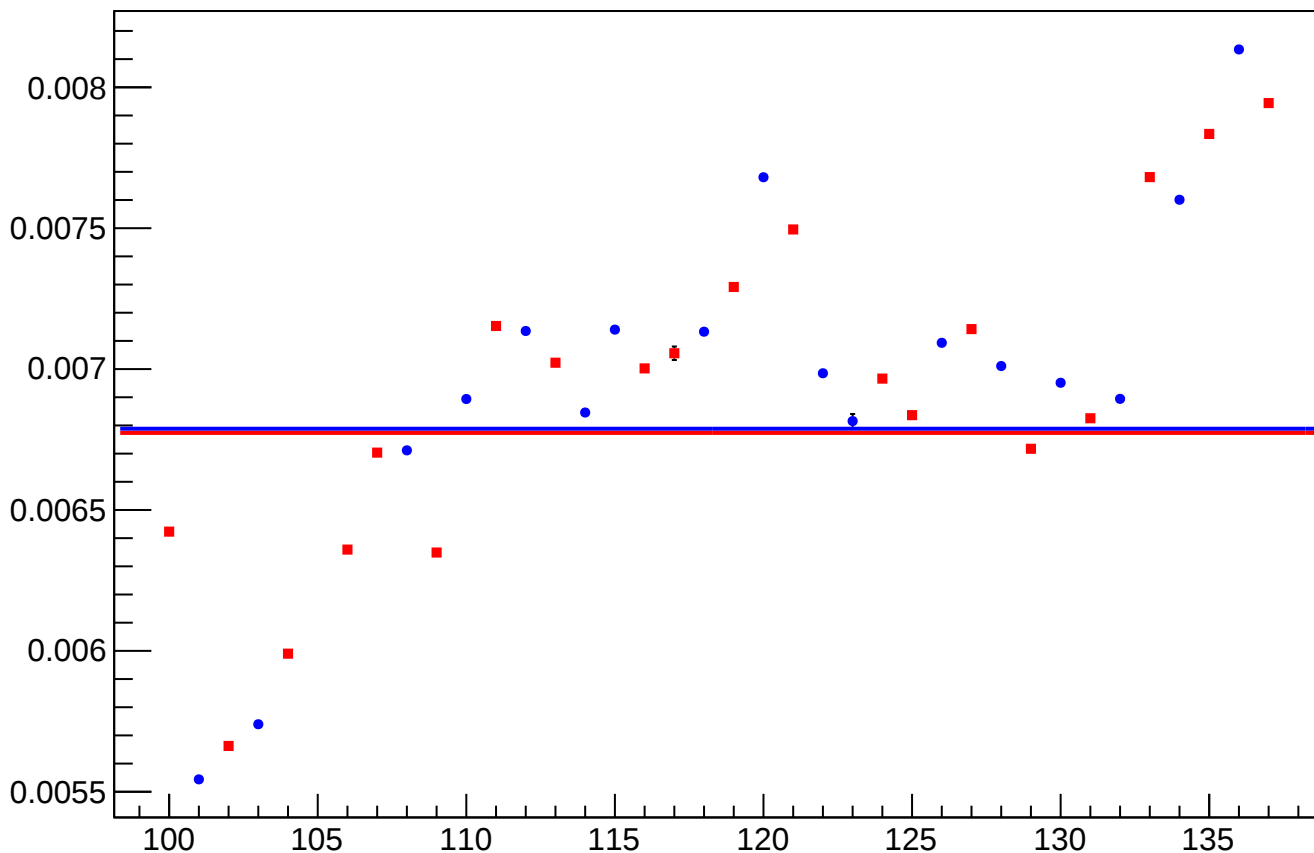
-2.321+/-0.000 χ^2 /NDF: 138659266070.2

Right Out: -2.339+/-0.000 χ^2 /NDF: 64804828308.5/19

-2.339+/-0.000 χ^2 /NDF: 64804828308.5/19

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 : 123383.6/19

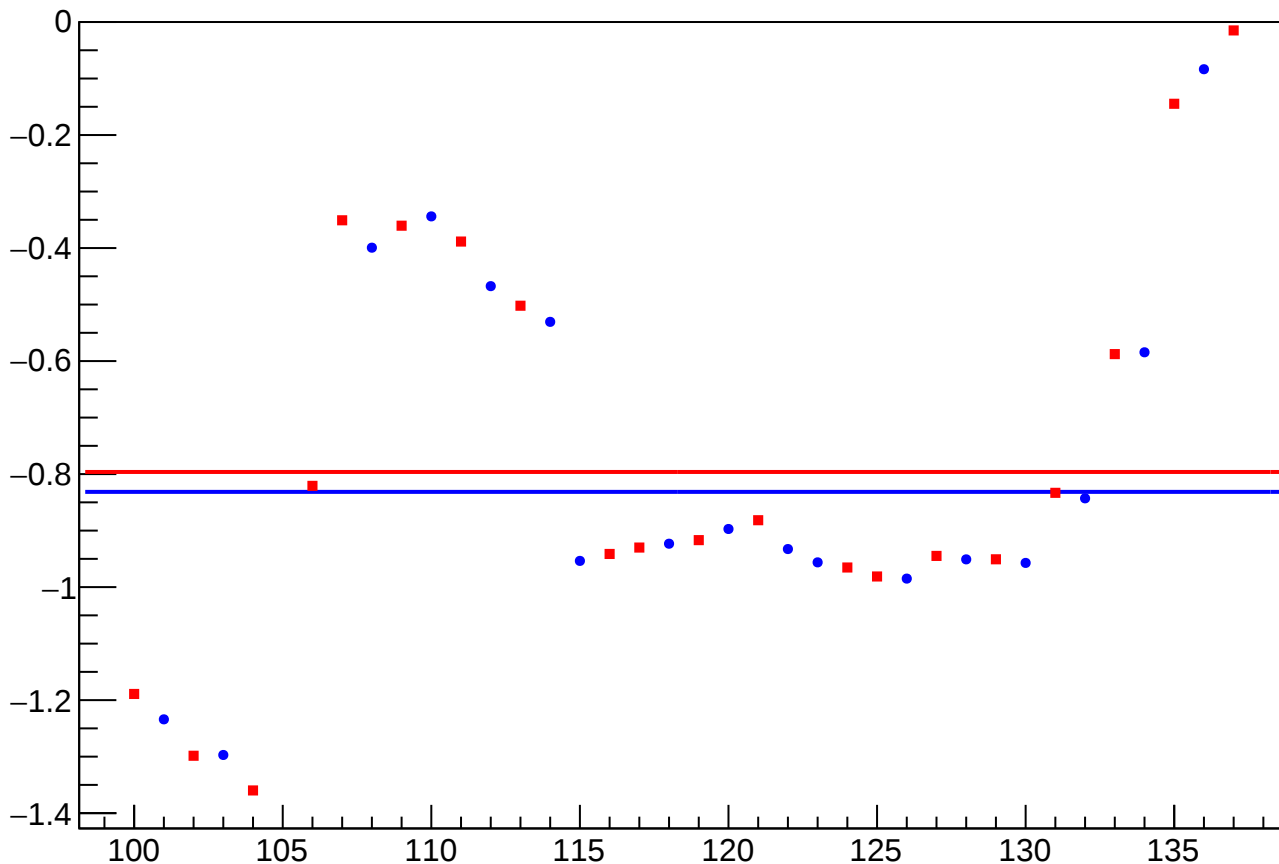
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 165199.2/16

0.007+/-0.000 χ^2/NDF : 288615.7/36

0.007+/-0.000 χ^2/NDF : 123383.6/19

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: -0.796+/-0.000 χ^2 /NDF: 7827622544.3/19

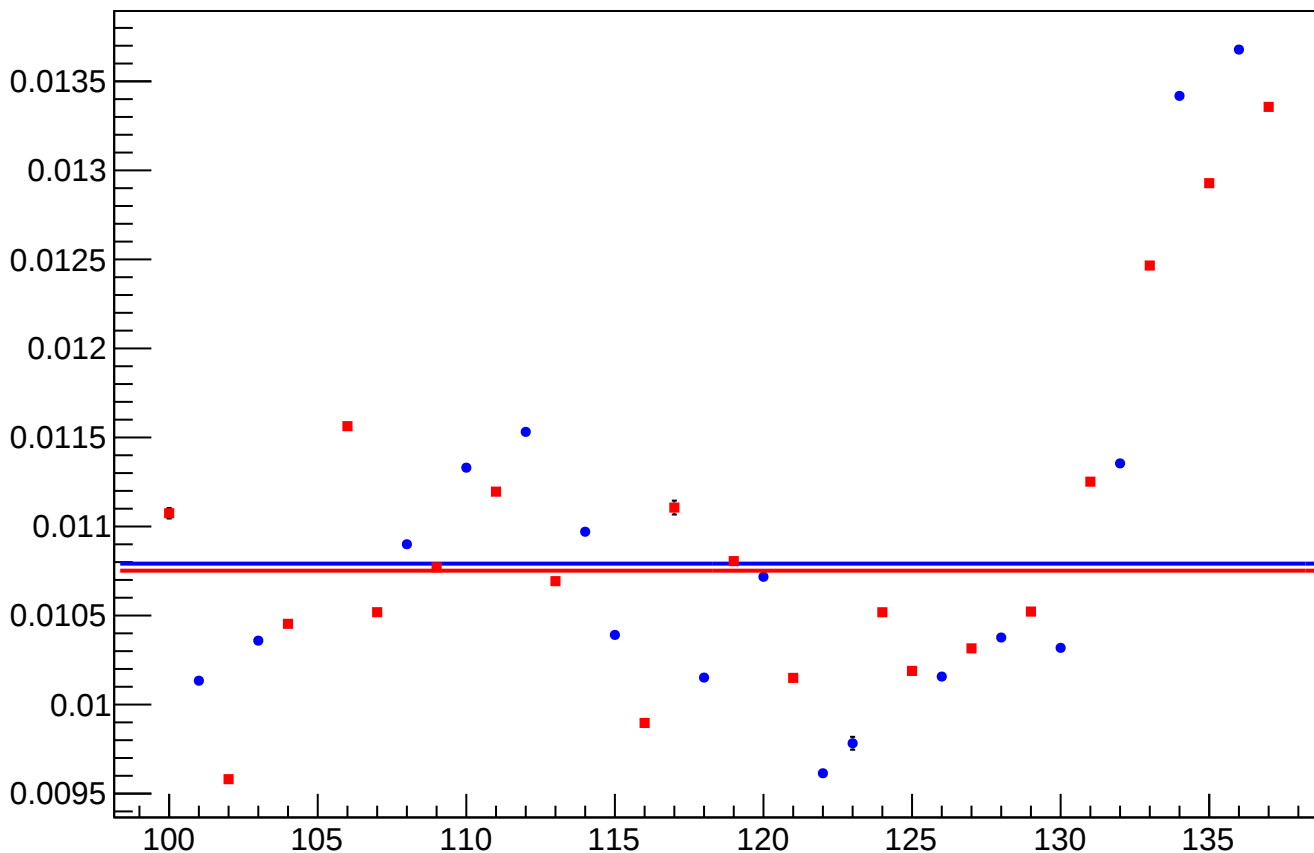
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.831+/-0.000 χ^2 /NDF: 6692170860.9/16

-0.813+/-0.000 χ^2 /NDF: 14555887769.4/3

-0.796+/-0.000 χ^2 /NDF: 7827622544.3/19

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 : 90303.3/19

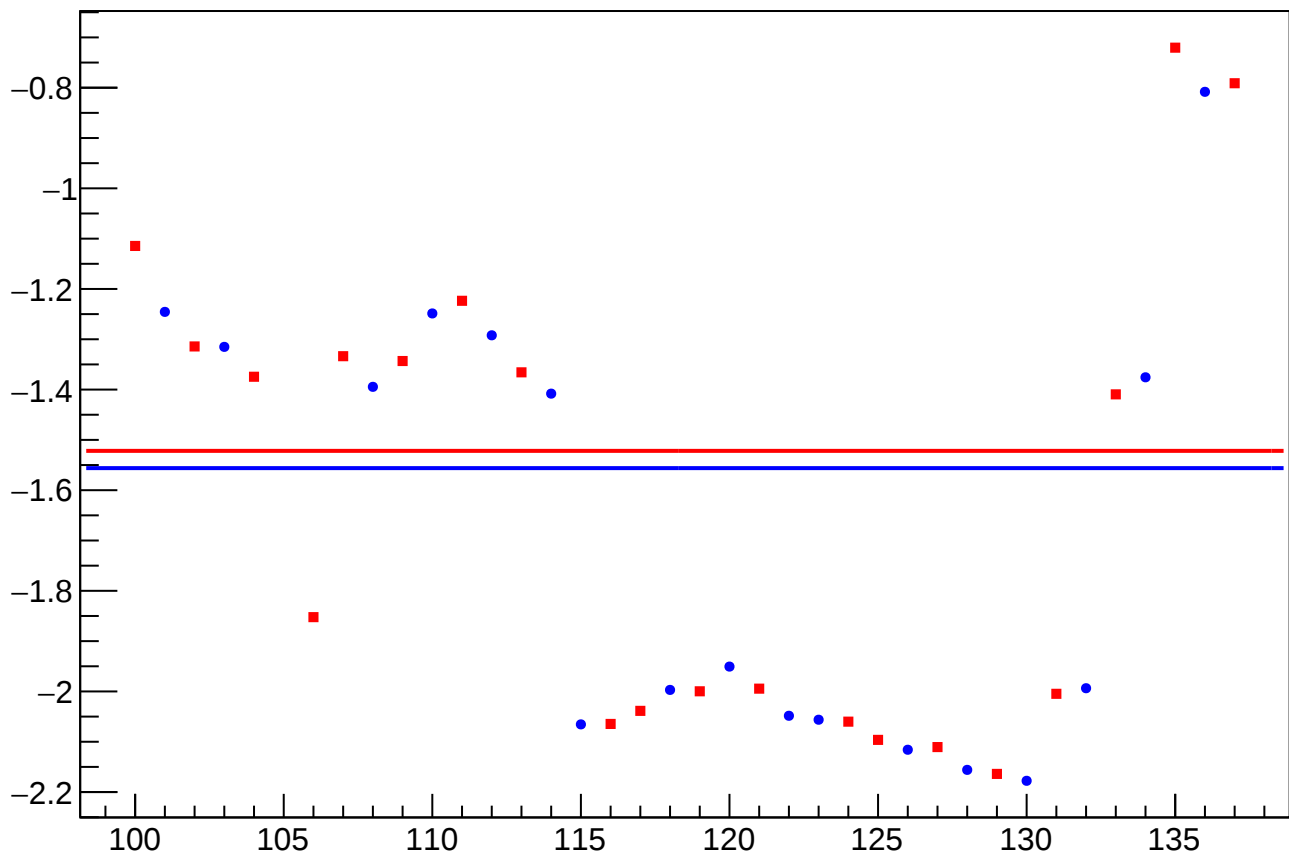
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 125802.4/16

0.011+/-0.000 χ^2/NDF : 216196.6/36

0.011+/-0.000 χ^2/NDF : 90303.3/19

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

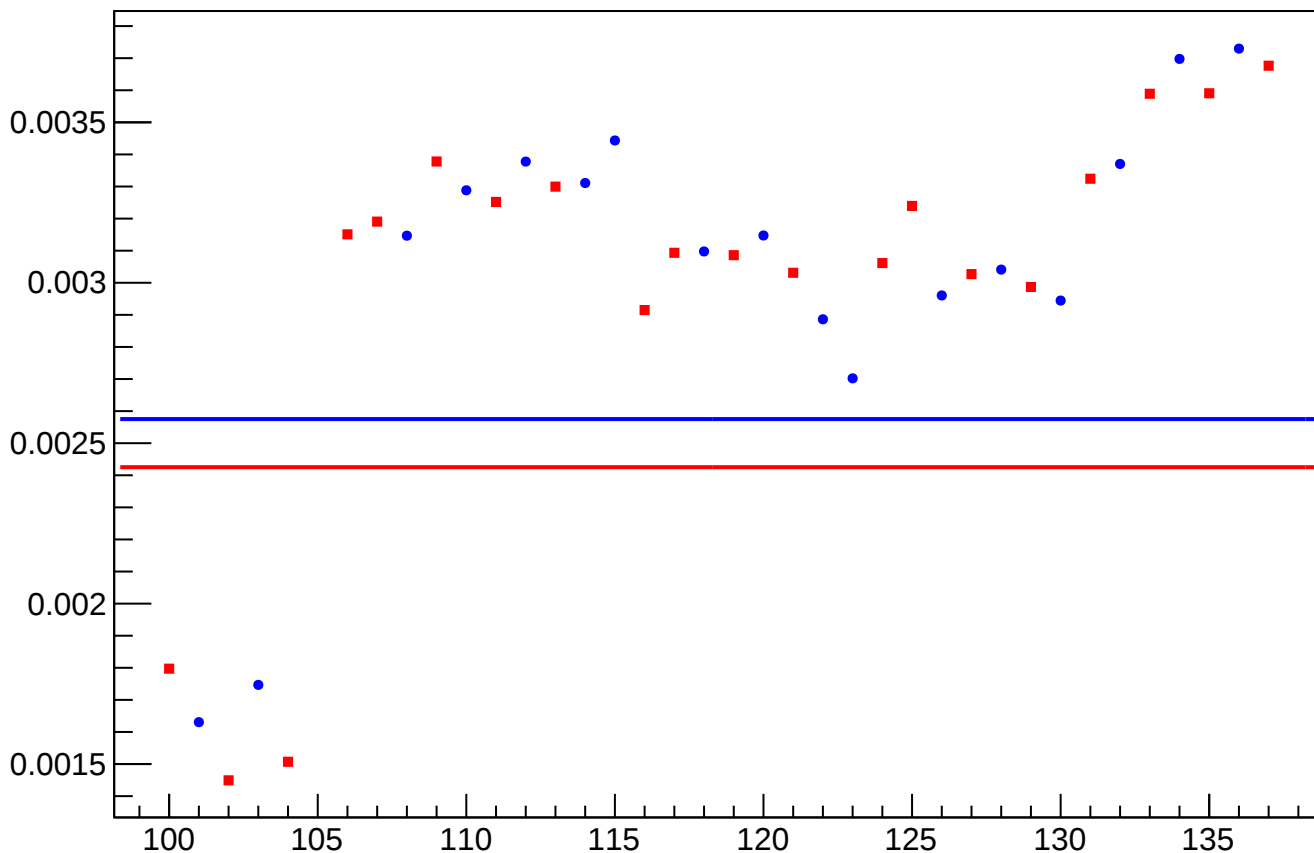
Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

-1.538+/-0.000 χ^2/NDF : 294892306644.9

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

-1.522+/-0.000 χ^2/NDF : 139385229659.4/19

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 : 1493210.7/19

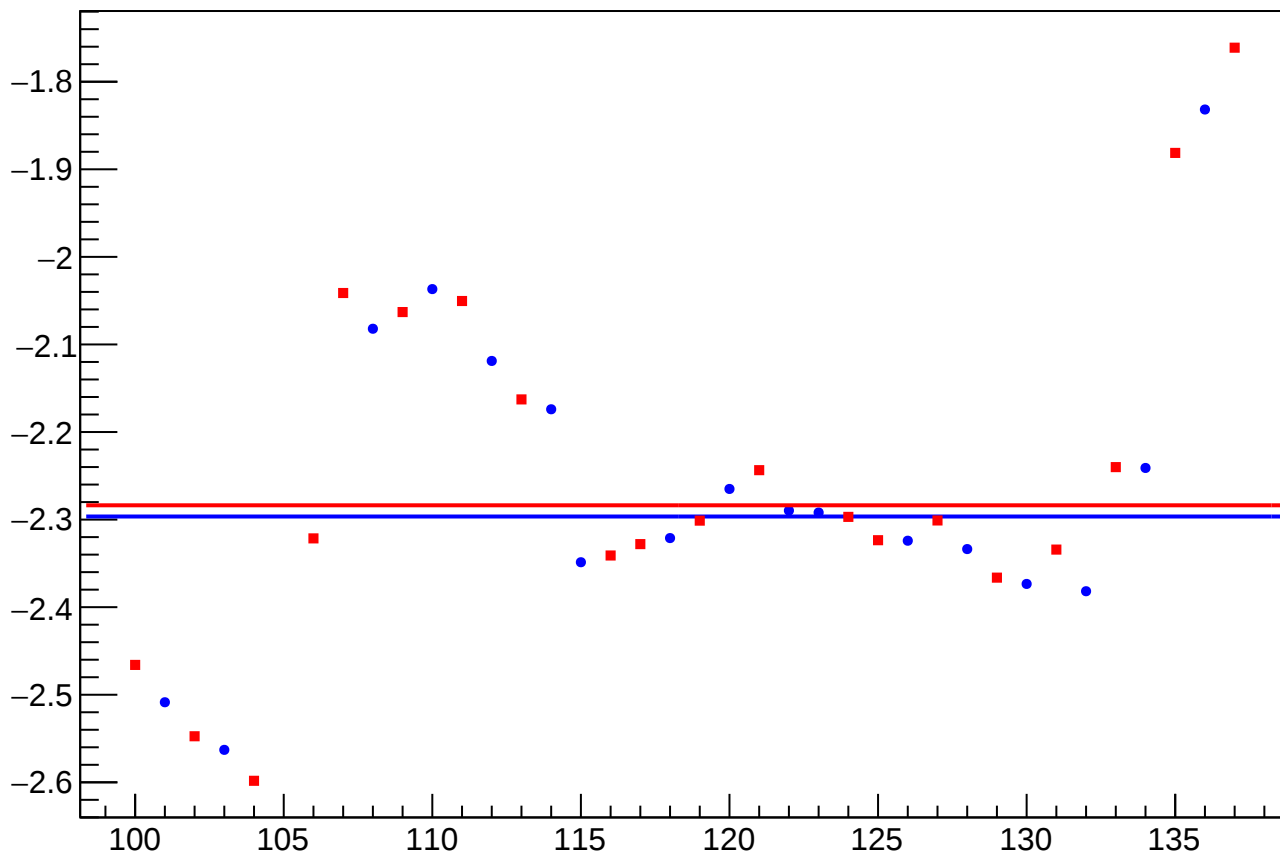
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 1013833.9/16

0.002+/-0.000 χ^2/NDF : 2527438.5/36

0.002+/-0.000 χ^2/NDF : 1493210.7/19

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: -2.284+/-0.000 χ^2/NDF : 6550363990.6/19

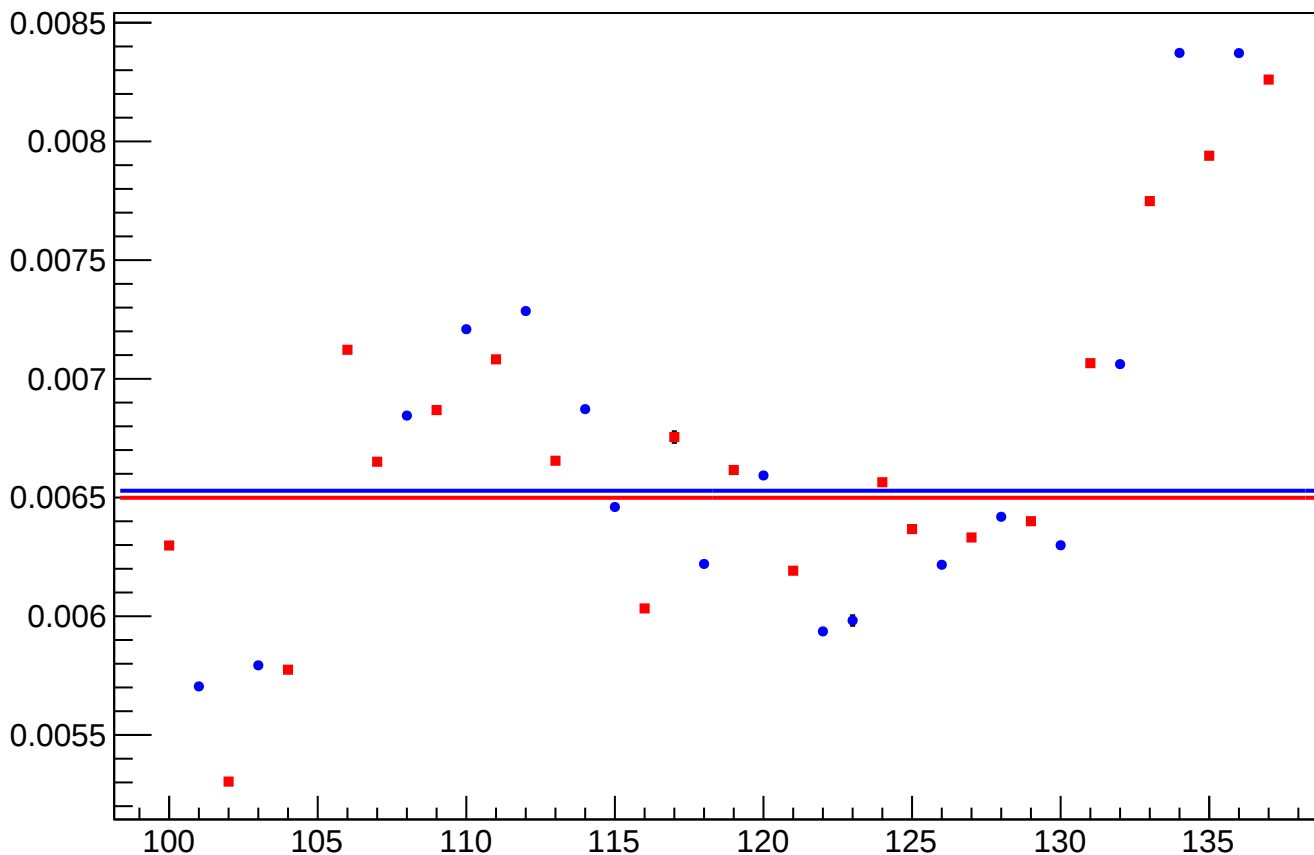
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.296+/-0.000 χ^2/NDF : 5782980938.4/16

-2.290+/-0.000 χ^2/NDF : 12346151388.4/3

-2.284+/-0.000 χ^2/NDF : 6550363990.6/19

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 : 164253.8/19

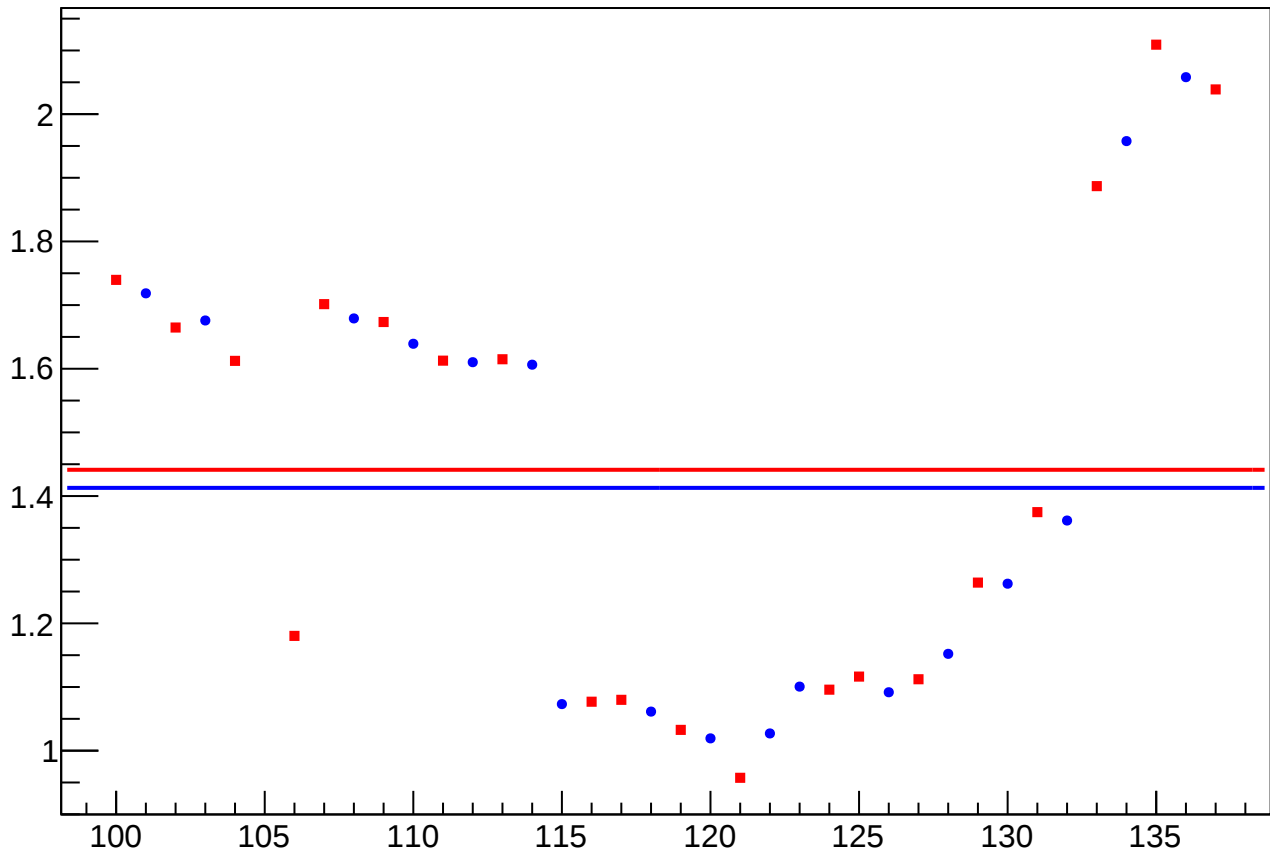
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 176467.7/16

0.007+/-0.000 χ^2/NDF : 340858.4/36

0.006+/-0.000 χ^2/NDF : 164253.8/19

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

1.413+/-0.000 χ^2/NDF : 172560306608.0/16

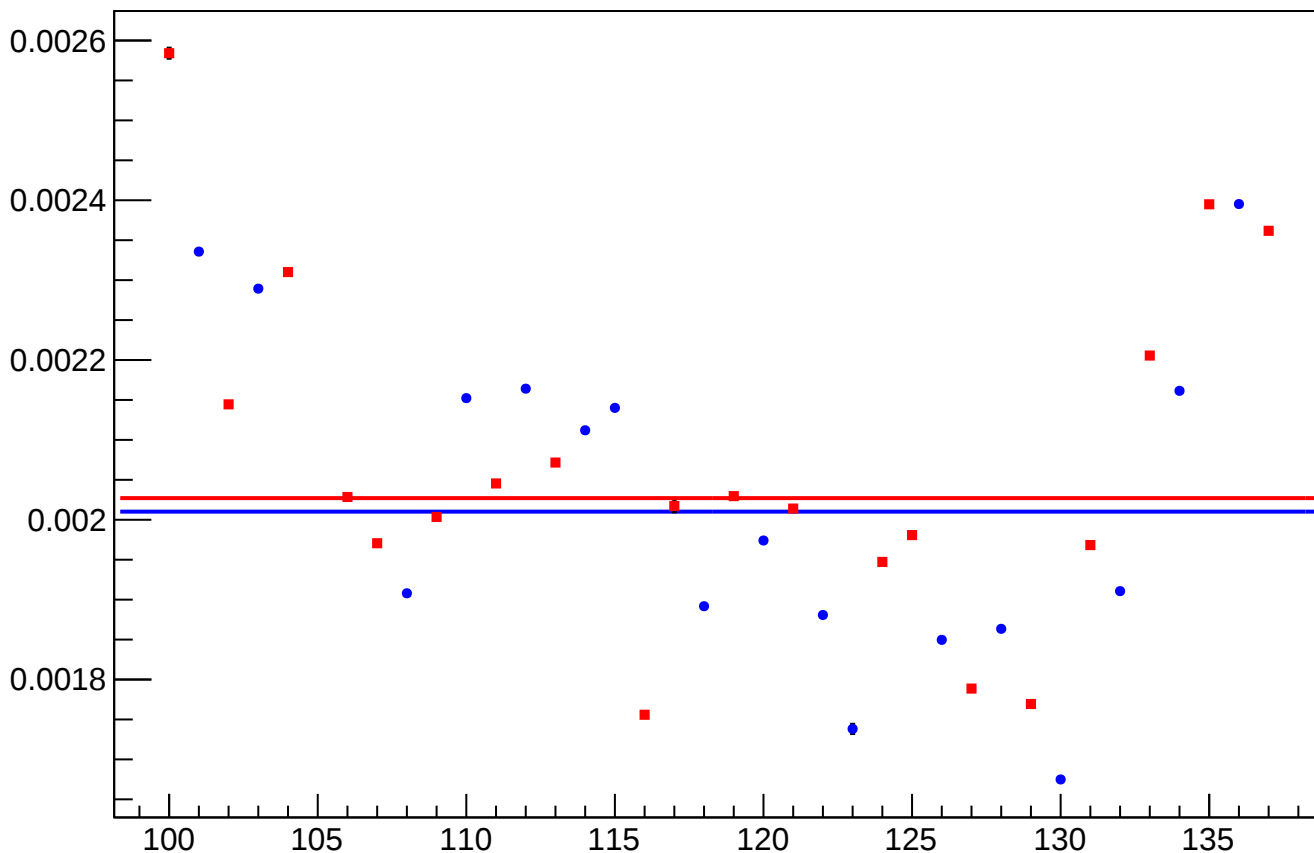
1.427+/-0.000 χ^2/NDF : 347534971948.7/16

Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

1.441+/-0.000 χ^2/NDF : 174346888744.4/19

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

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 152530.4/16

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

Right Out: 0.002+/-0.000 χ^2/NDF : 103927.8/19

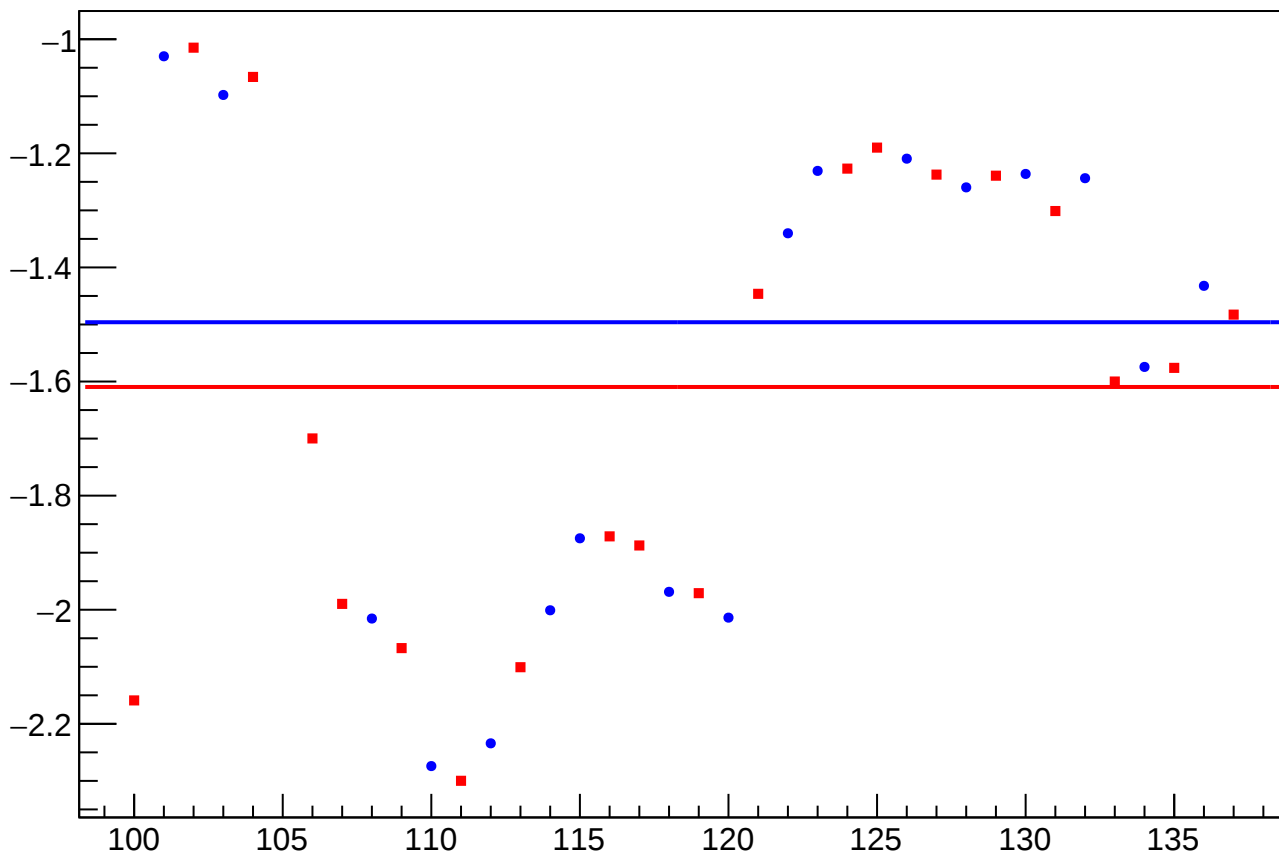
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 152530.4/16

0.002+/-0.000 χ^2/NDF : 256903.9/36

0.002+/-0.000 χ^2/NDF : 103927.8/19

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: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

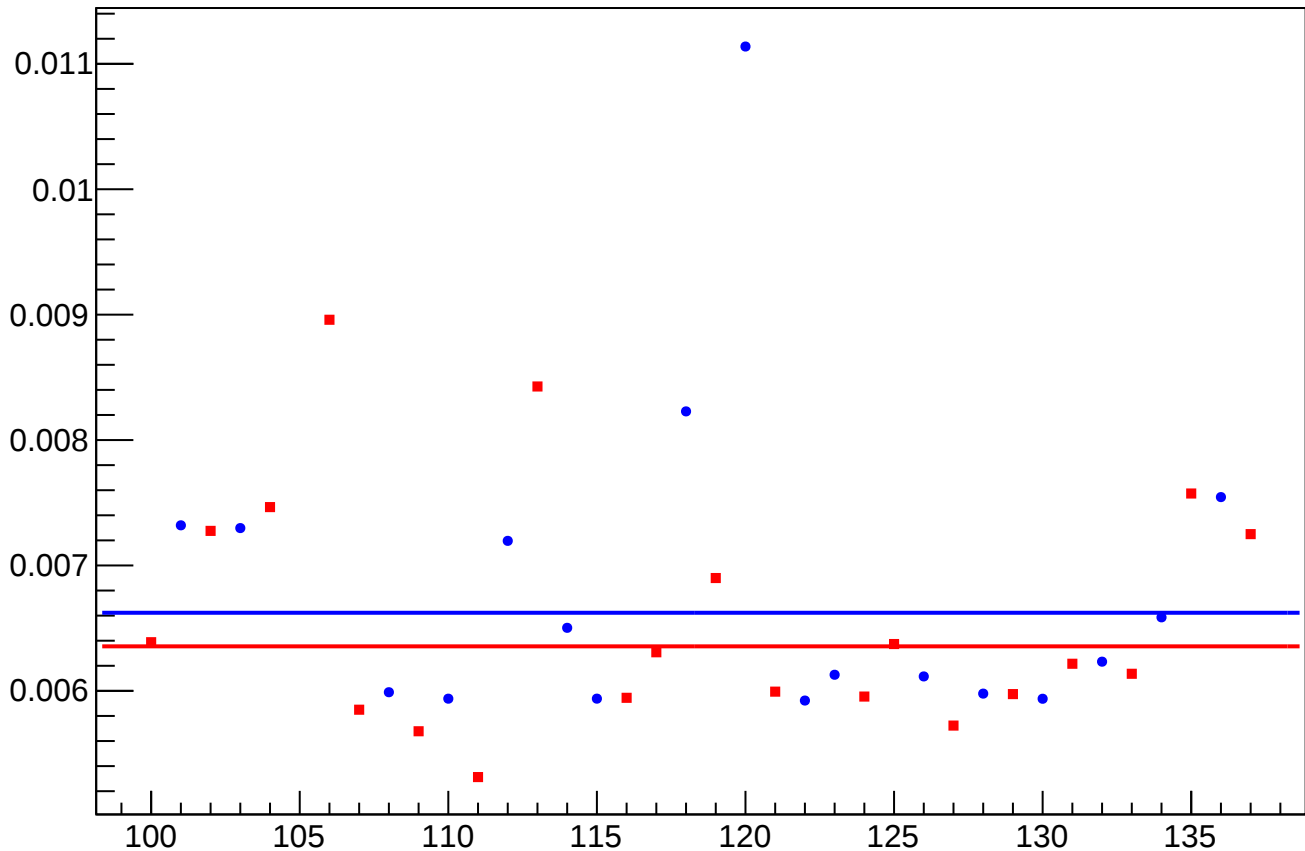
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.496+/-0.000 χ^2/NDF : 22525130000.3/16

-1.558+/-0.000 χ^2/NDF : 51414198089.1/19

-1.610+/-0.000 χ^2/NDF : 27919840690.9/19

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 : 227865.9/19

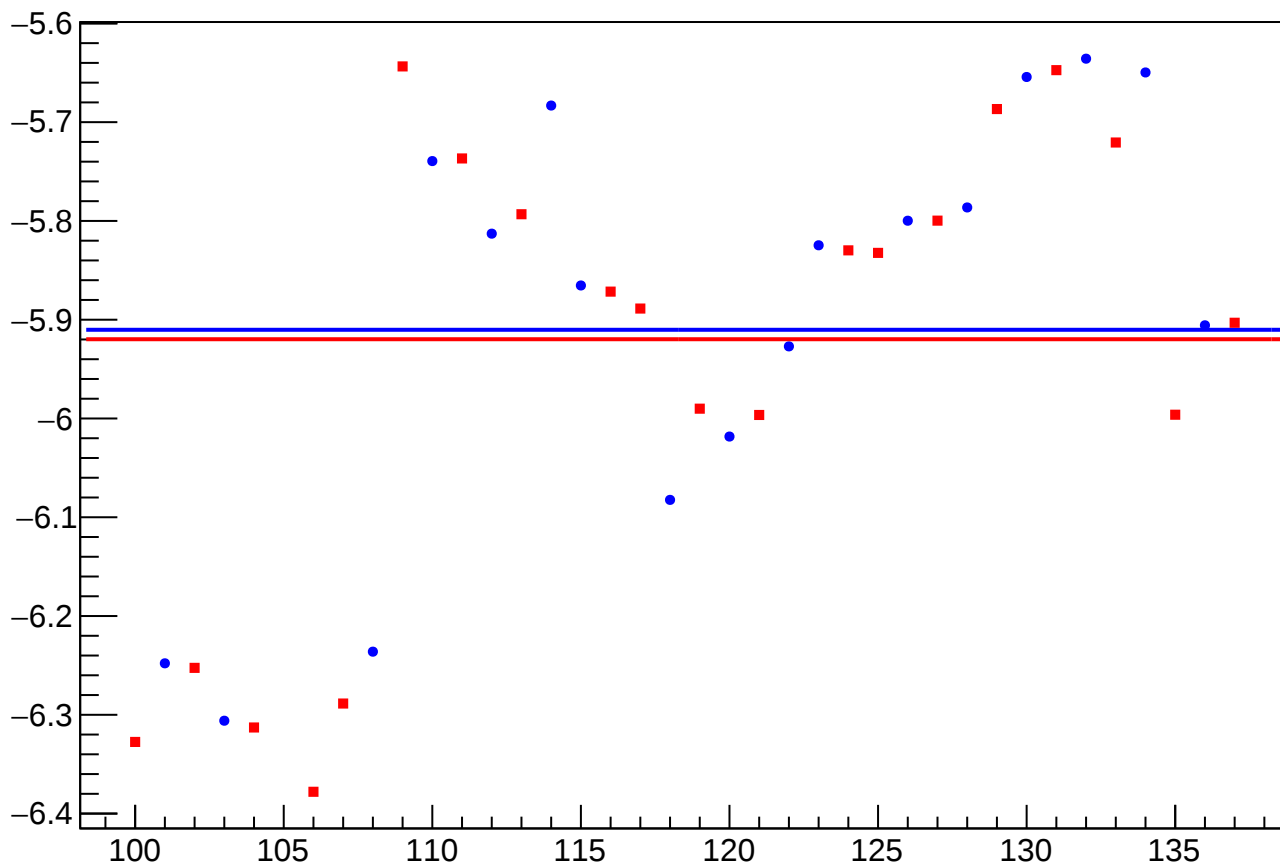
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 232630.4/16

0.006+/-0.000 χ^2/NDF : 471290.1/36

0.006+/-0.000 χ^2/NDF : 227865.9/19

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 : 12786449843.6/19

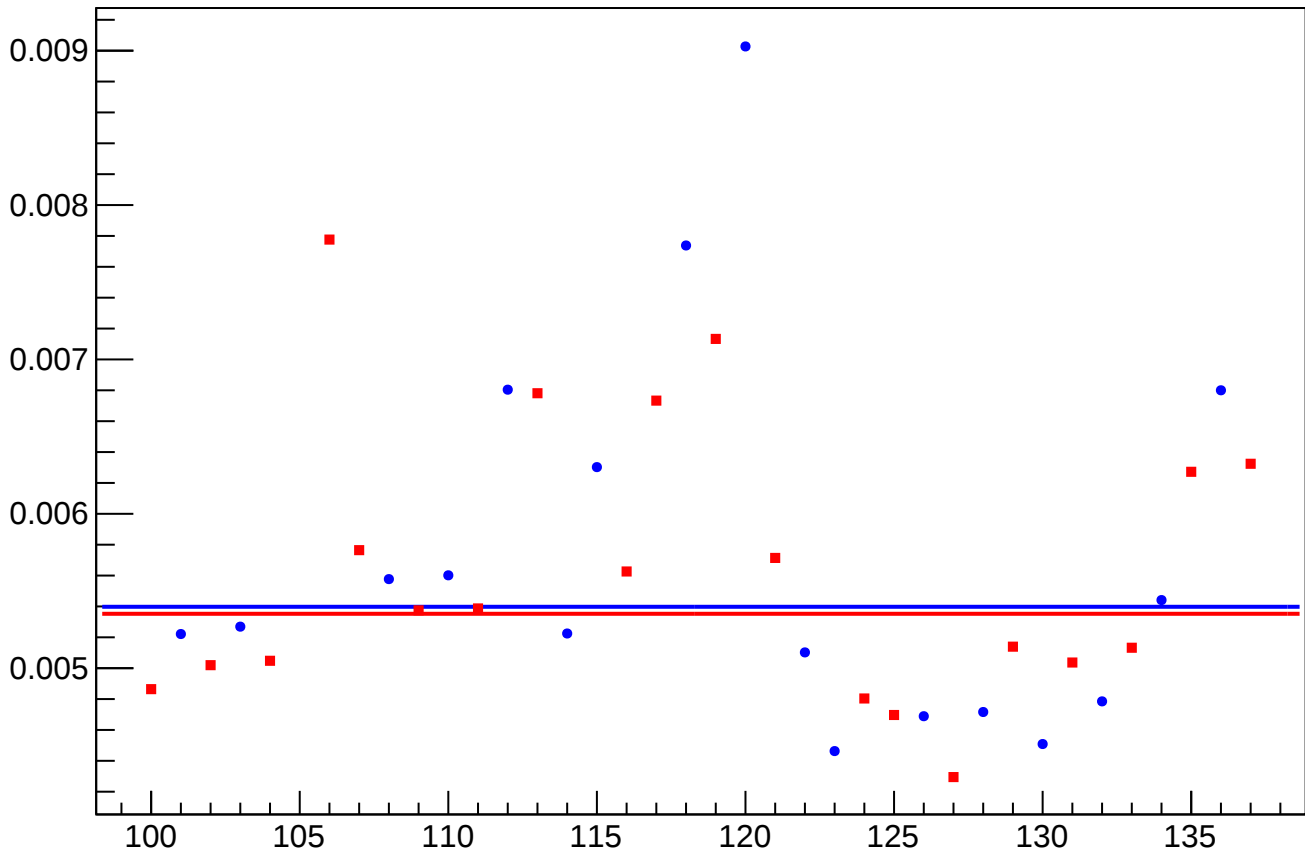
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.910+/-0.000 χ^2/NDF : 11154434512.7/16

-5.915+/-0.000 χ^2/NDF : 23950618438.2/16

-5.920+/-0.000 χ^2/NDF : 12786449843.6/19

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 : 252664.1/19

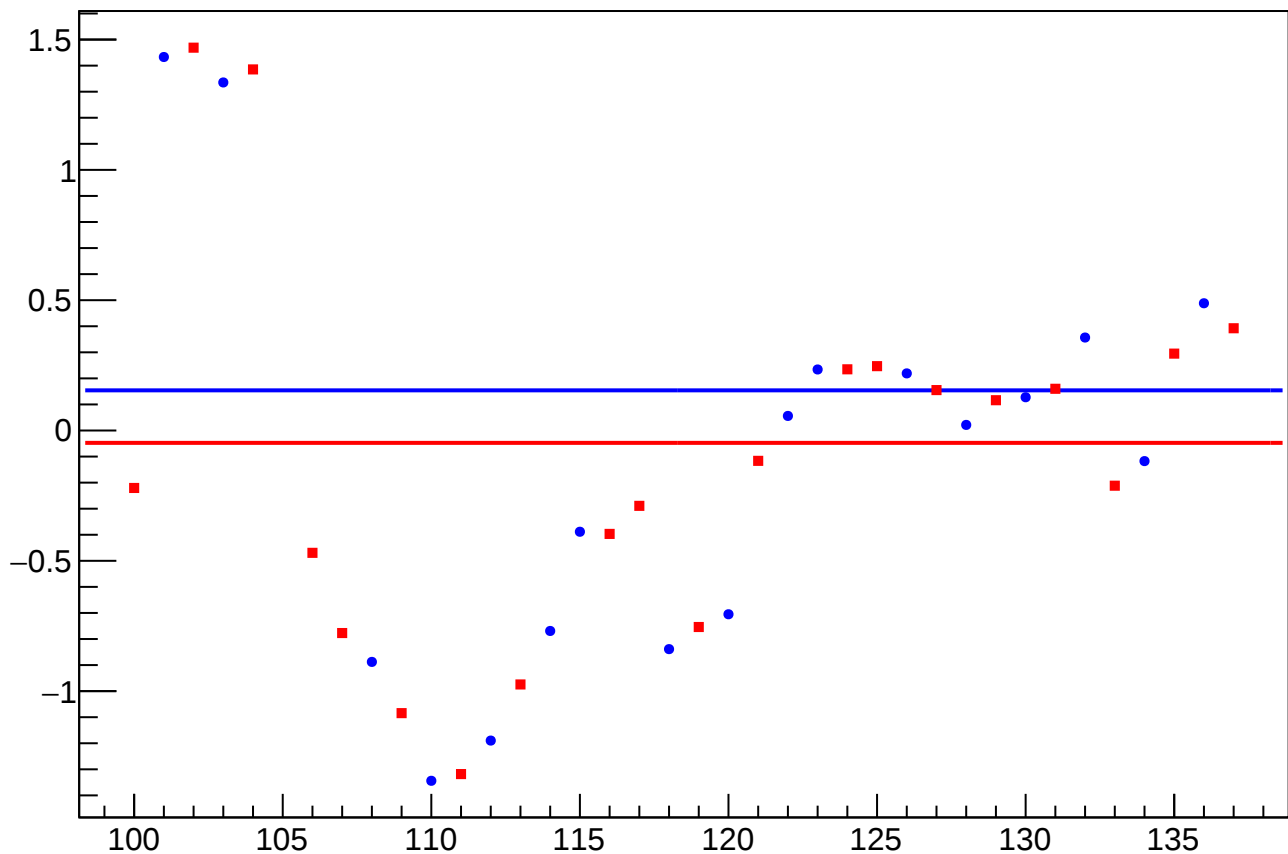
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 371347.4/16

0.005+/-0.000 χ^2/NDF : 624450.2/36

0.005+/-0.000 χ^2/NDF : 252664.1/19

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: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

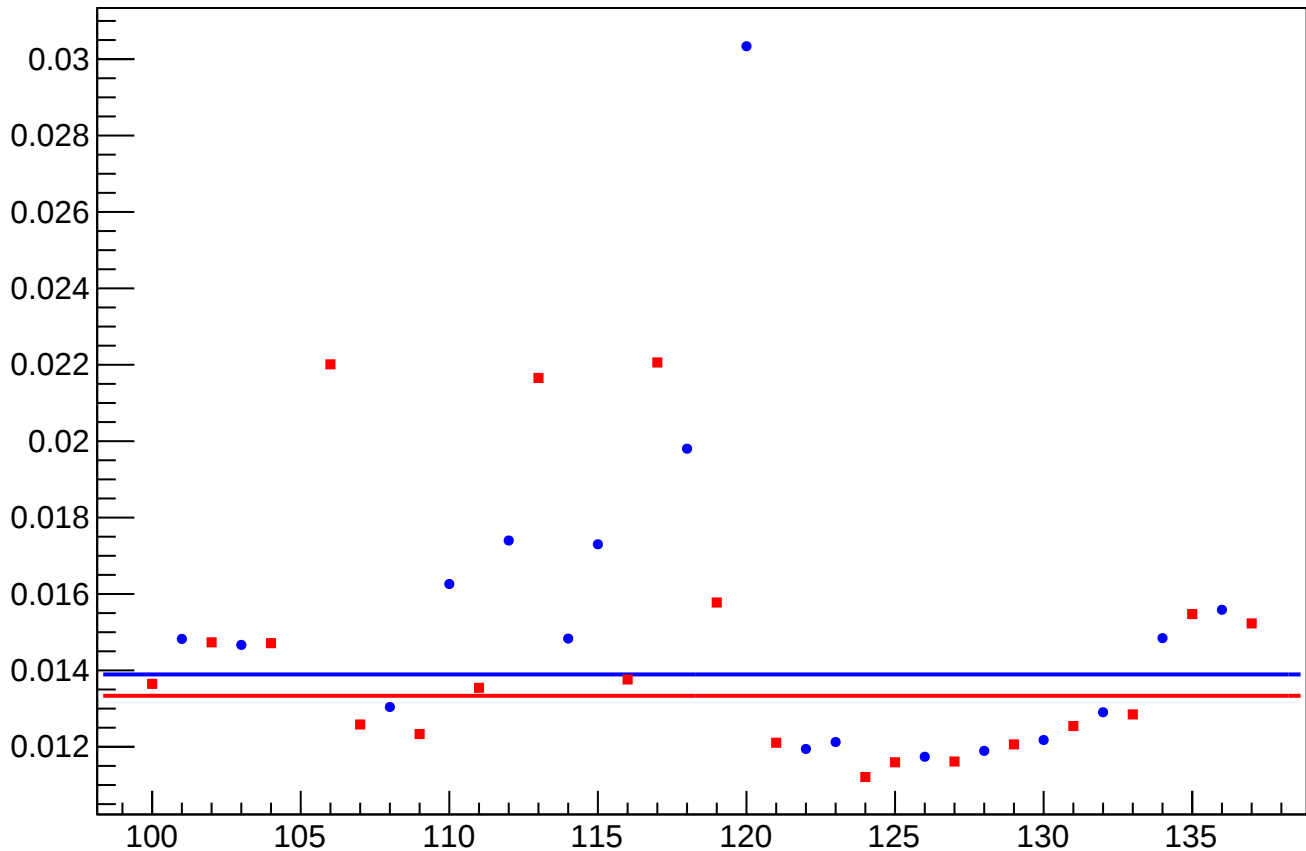
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-0.000 χ^2/NDF : 16988256953.8/16

0.045+/-0.000 χ^2/NDF : 38881011272.1/3

-0.047+/-0.000 χ^2/NDF : 21216074494.2/19

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 : 303459.9/19

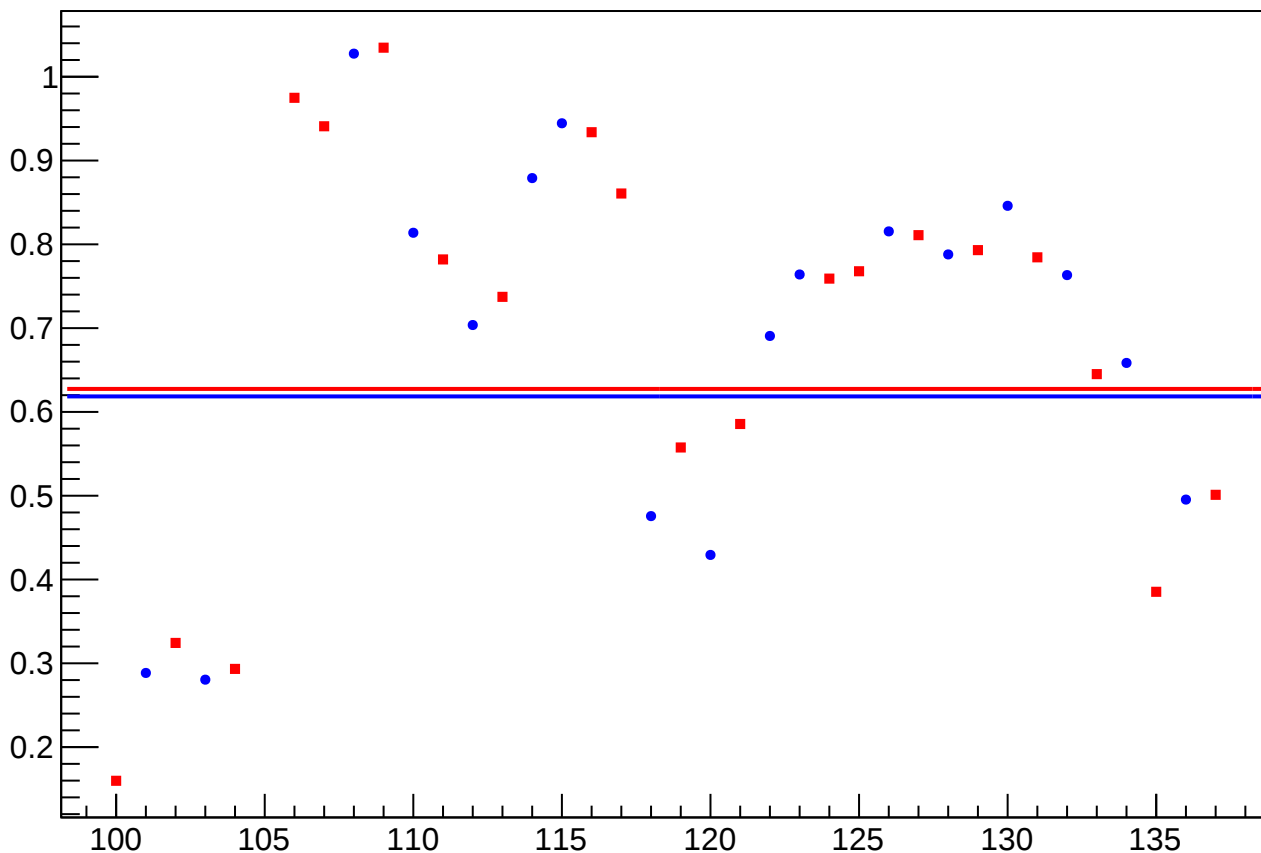
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 400569.4/16

0.014+/-0.000 χ^2/NDF : 714423.3/36

0.013+/-0.000 χ^2/NDF : 303459.9/19

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: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

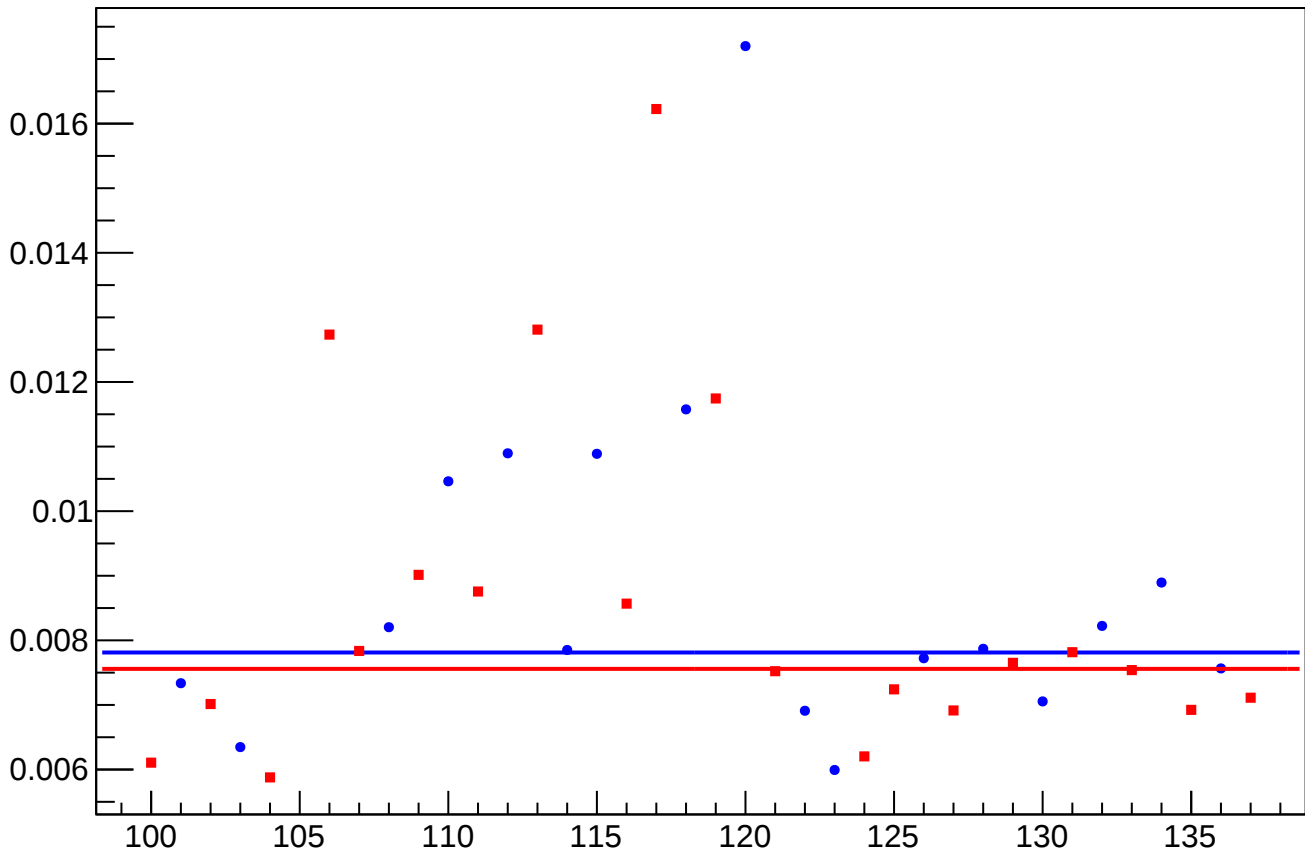
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.619+/-0.000 χ^2/NDF : 5416939288.1/16

0.623+/-0.000 χ^2/NDF : 11766693178.0/3

0.627+/-0.000 χ^2/NDF : 6345684740.0/19

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 : 463232.7/19

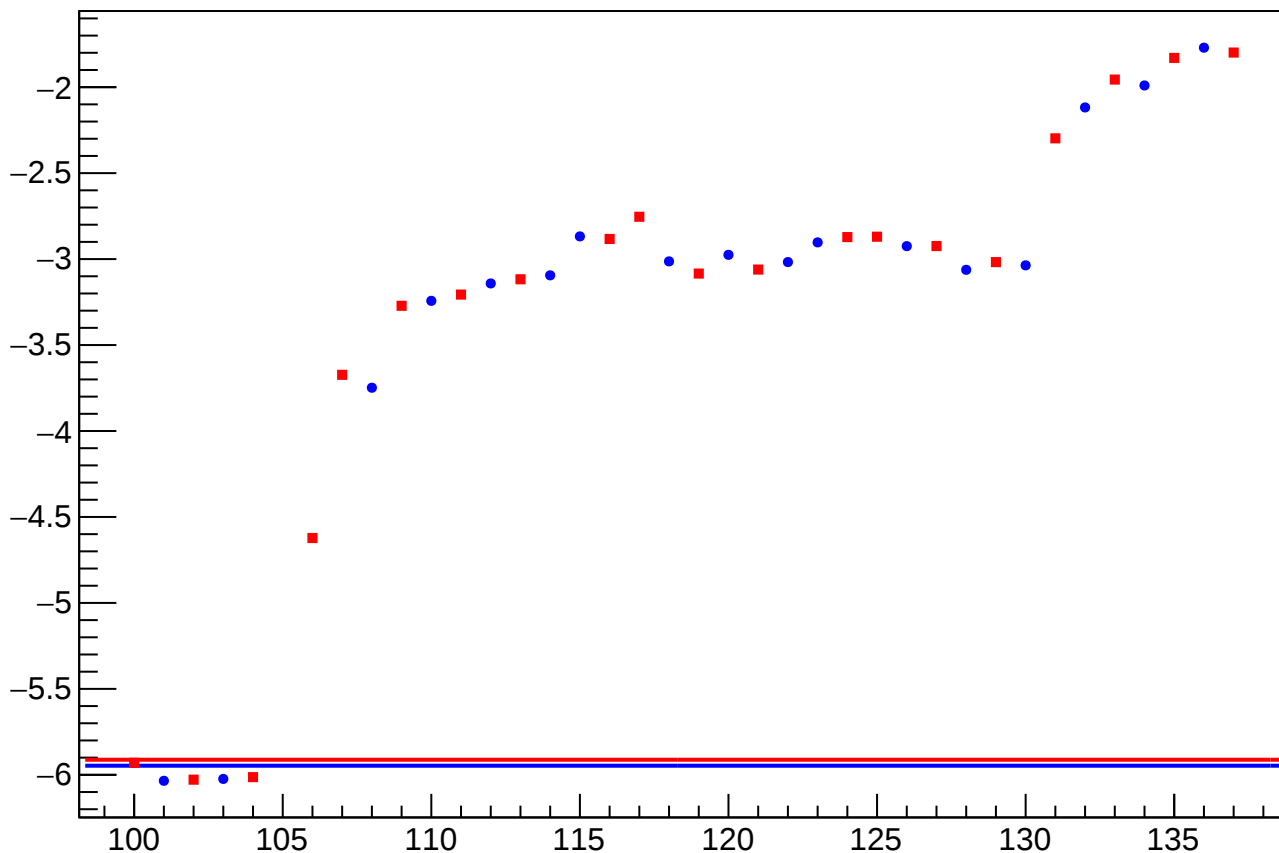
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 466827.3/16

0.008+/-0.000 χ^2/NDF : 936593.5/36

0.008+/-0.000 χ^2/NDF : 463232.7/19

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

-5.947+/-0.000 χ^2/NDF : 13165963559.5/16

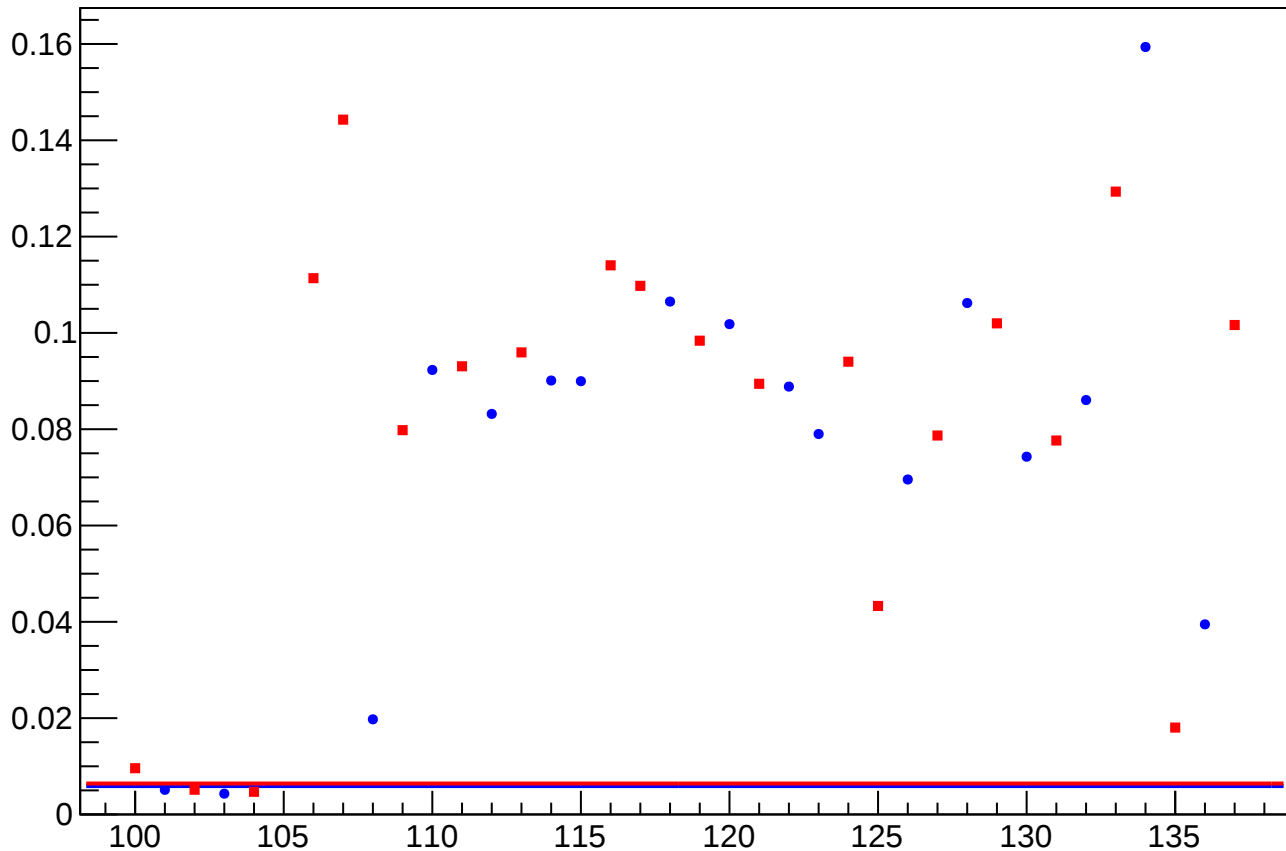
Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

-5.931+/-0.000 χ^2/NDF : 27839466526.4/19

-5.912+/-0.000 χ^2/NDF : 14648055548.9/19

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

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 : 8558731.2/19

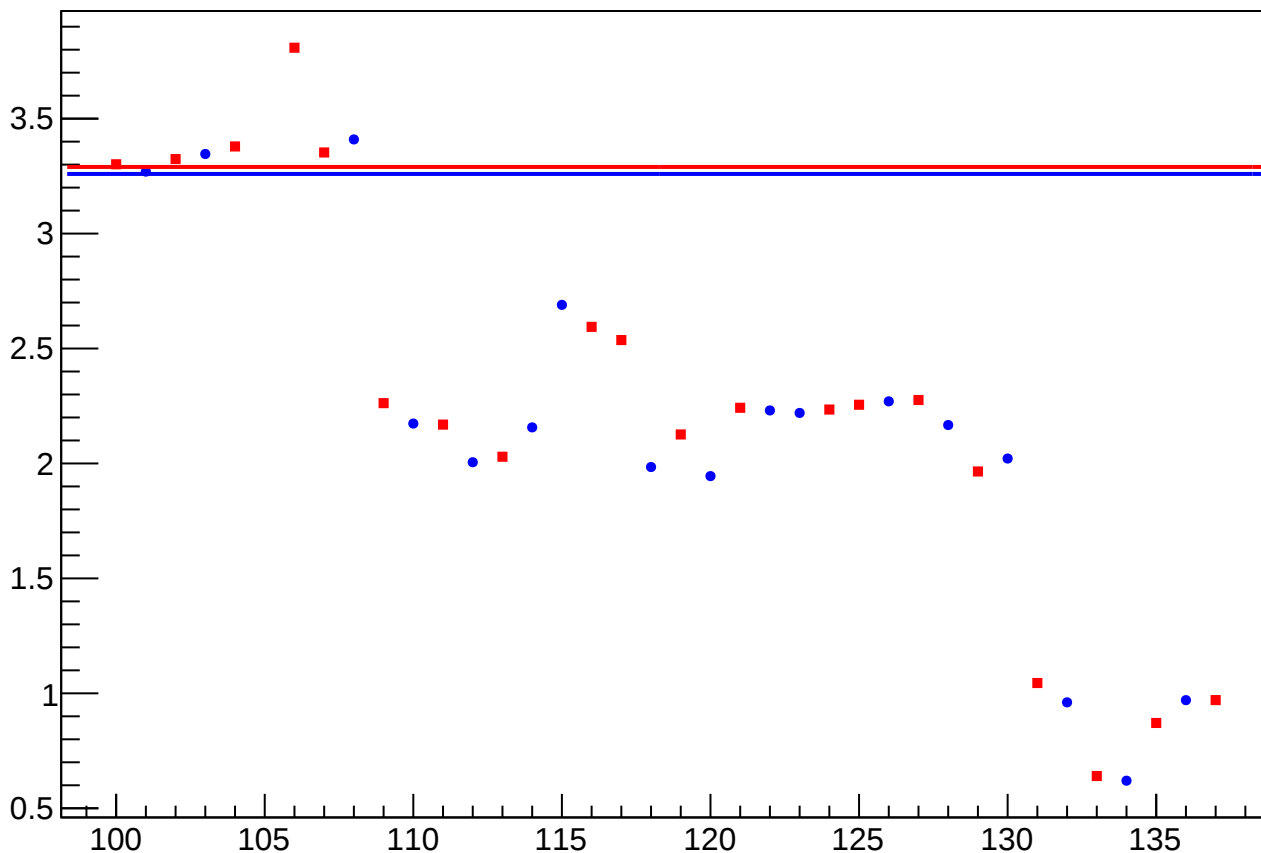
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 7934545.2/16

0.006+/-0.000 χ^2/NDF : 16505283.9/36

0.006+/-0.000 χ^2/NDF : 8558731.2/19

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: 3.290+/-0.000 χ^2/NDF : 3263300926.6/19

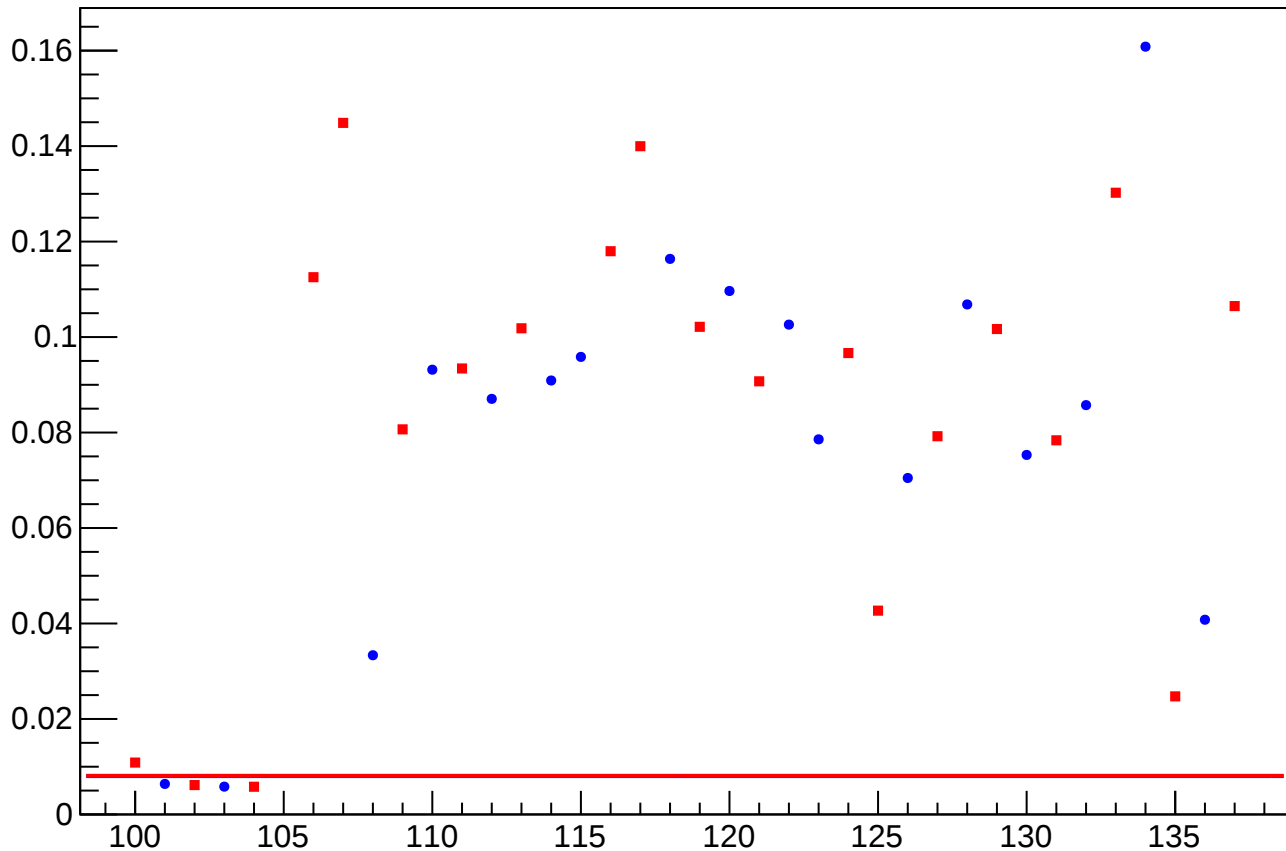
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.259+/-0.000 χ^2/NDF : 2921931976.8/16

3.274+/-0.000 χ^2/NDF : 6198023062.5/36

3.290+/-0.000 χ^2/NDF : 3263300926.6/19

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 : 8375005.0/19

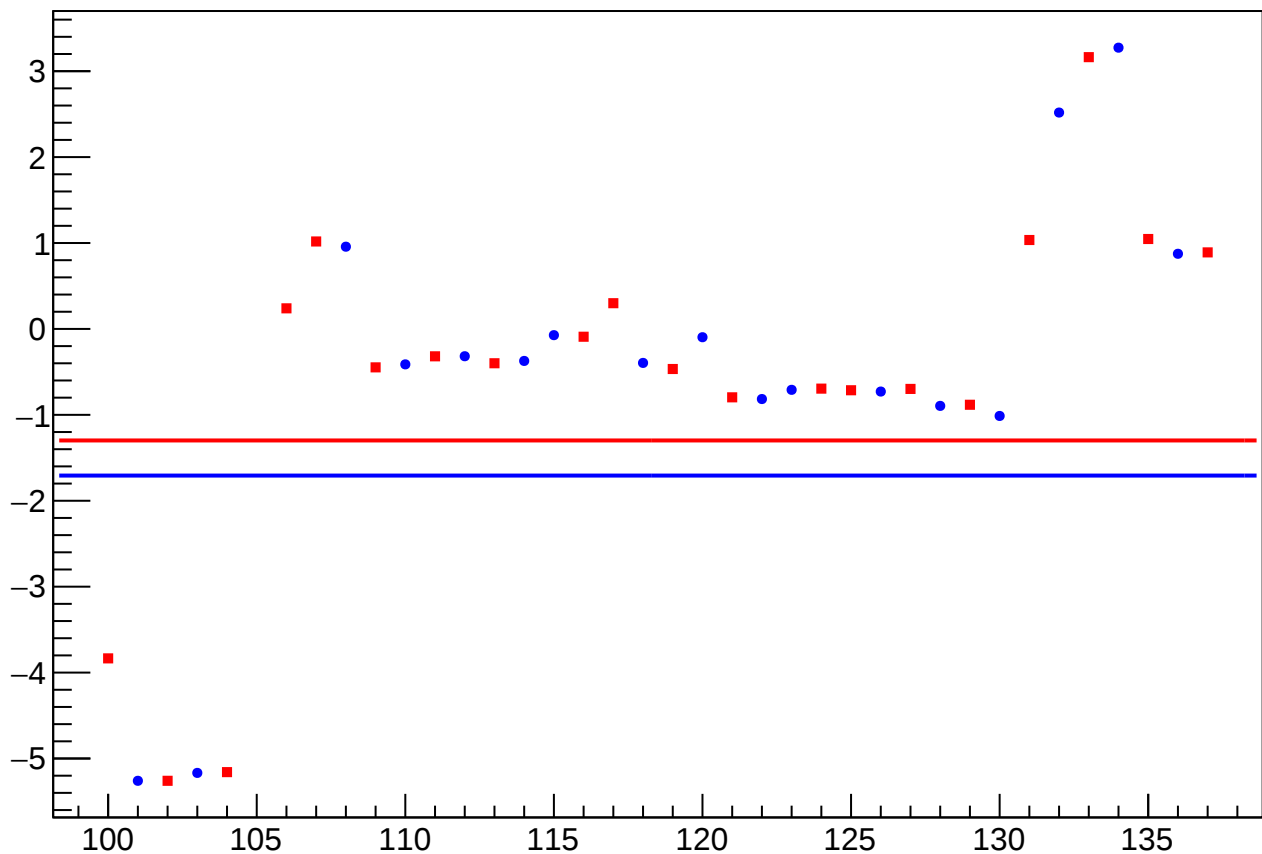
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7742048.1/16

0.008+/-0.000 χ^2/NDF : 16117132.3/36

0.008+/-0.000 χ^2/NDF : 8375005.0/19

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

Right Out: -1.298+/-0.000 χ^2/NDF : 178085926993.4/19

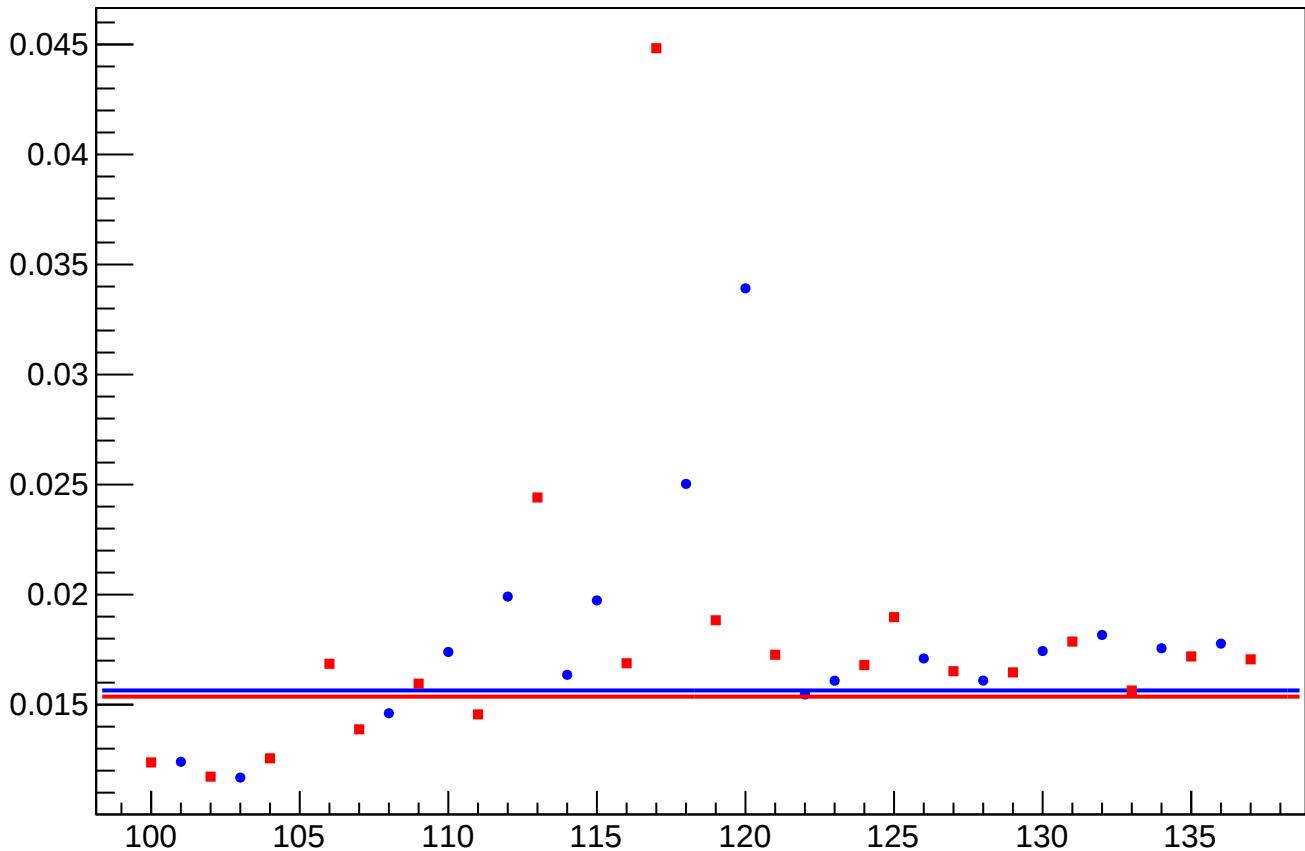
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.707+/-0.000 χ^2/NDF : 166125579390.4/16

-1.488+/-0.000 χ^2/NDF : 346258569322.0

-1.298+/-0.000 χ^2/NDF : 178085926993.4/19

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 : 387283.2/19

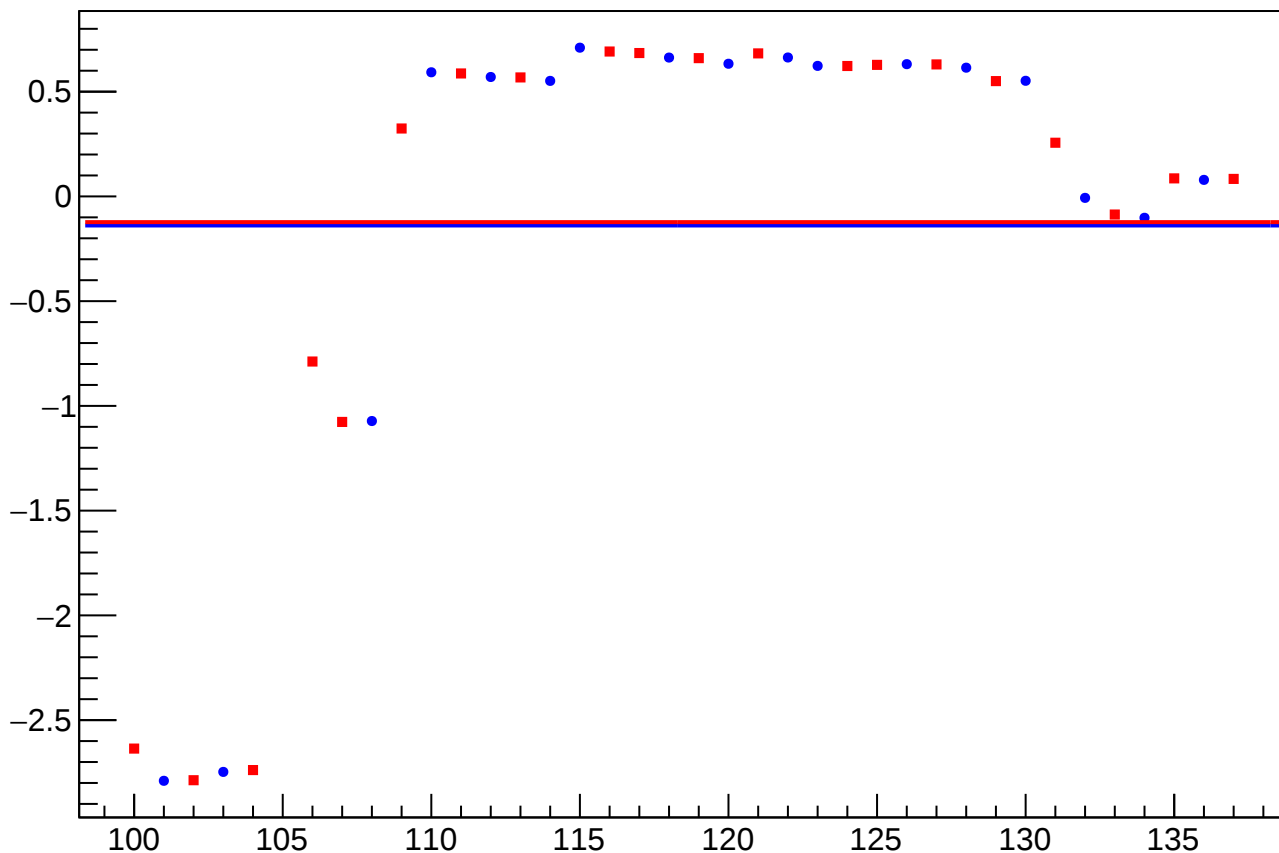
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 578244.3/16

0.015+/-0.000 χ^2/NDF : 967465.6/36

0.015+/-0.000 χ^2/NDF : 387283.2/19

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

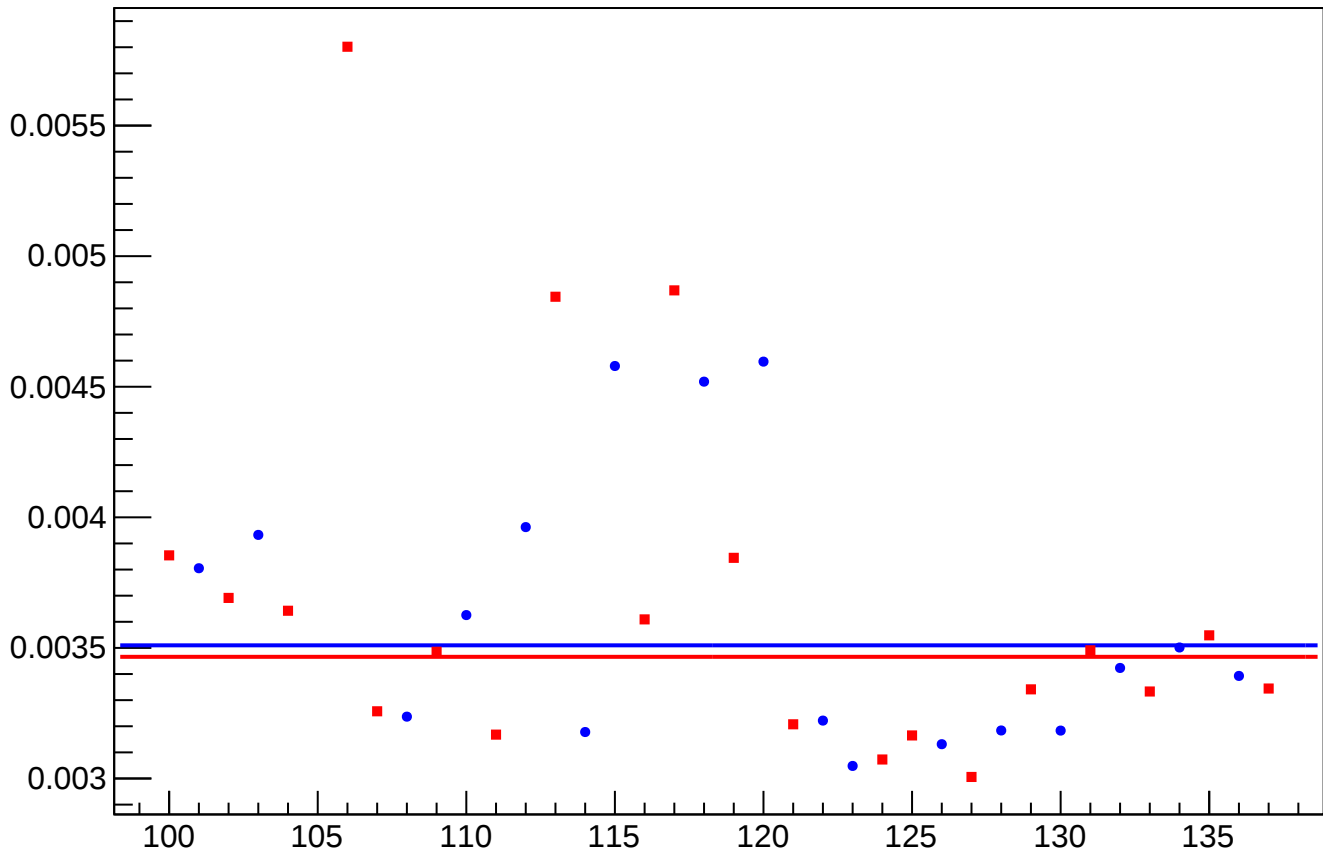
-0.130+/-0.000 χ^2/NDF : 1477699181015.

Right Out: -0.123+/-0.000 χ^2/NDF : 762580598699.5/19

-0.123+/-0.000 χ^2/NDF : 762580598699.5/19

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 : 222524.1/19

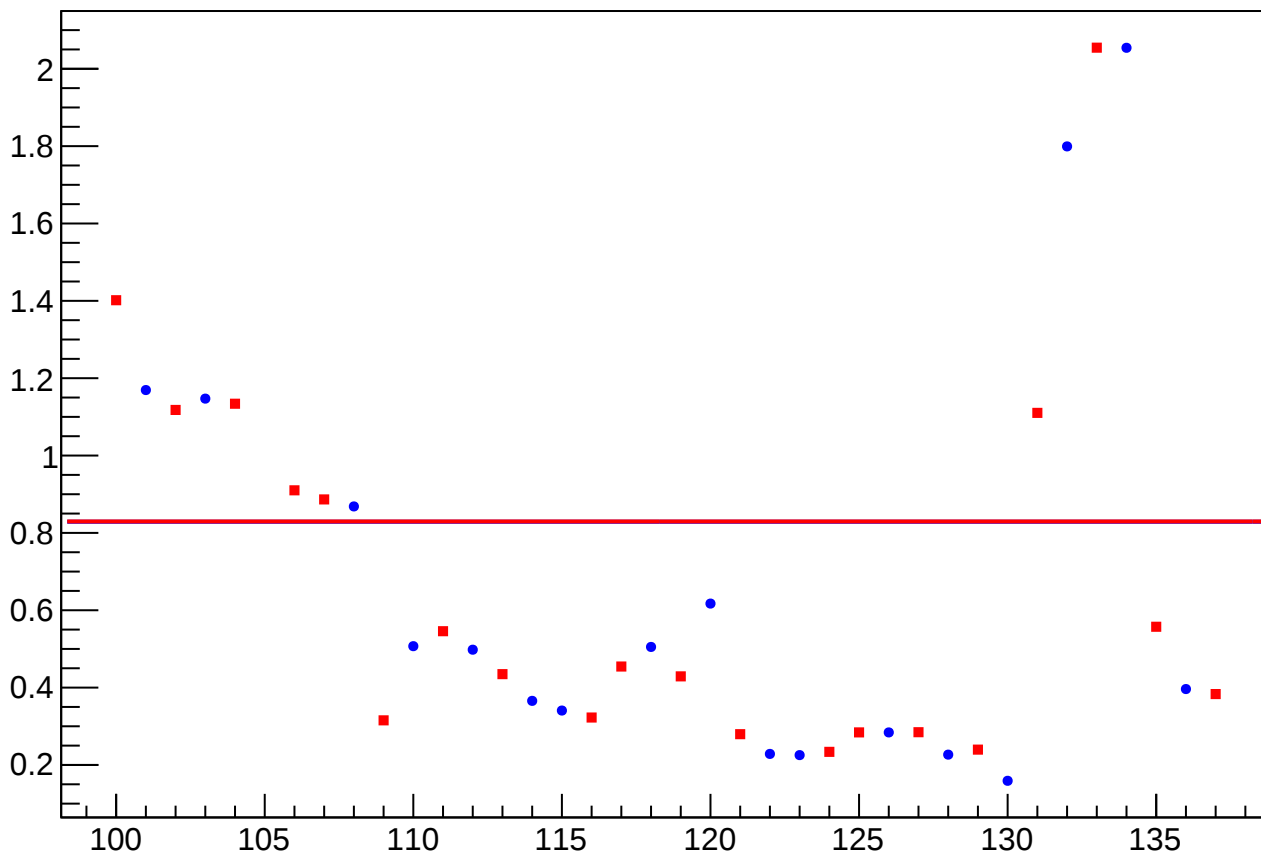
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 171337.9/16

0.003+/-0.000 χ^2/NDF : 394899.2/36

0.003+/-0.000 χ^2/NDF : 222524.1/19

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: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

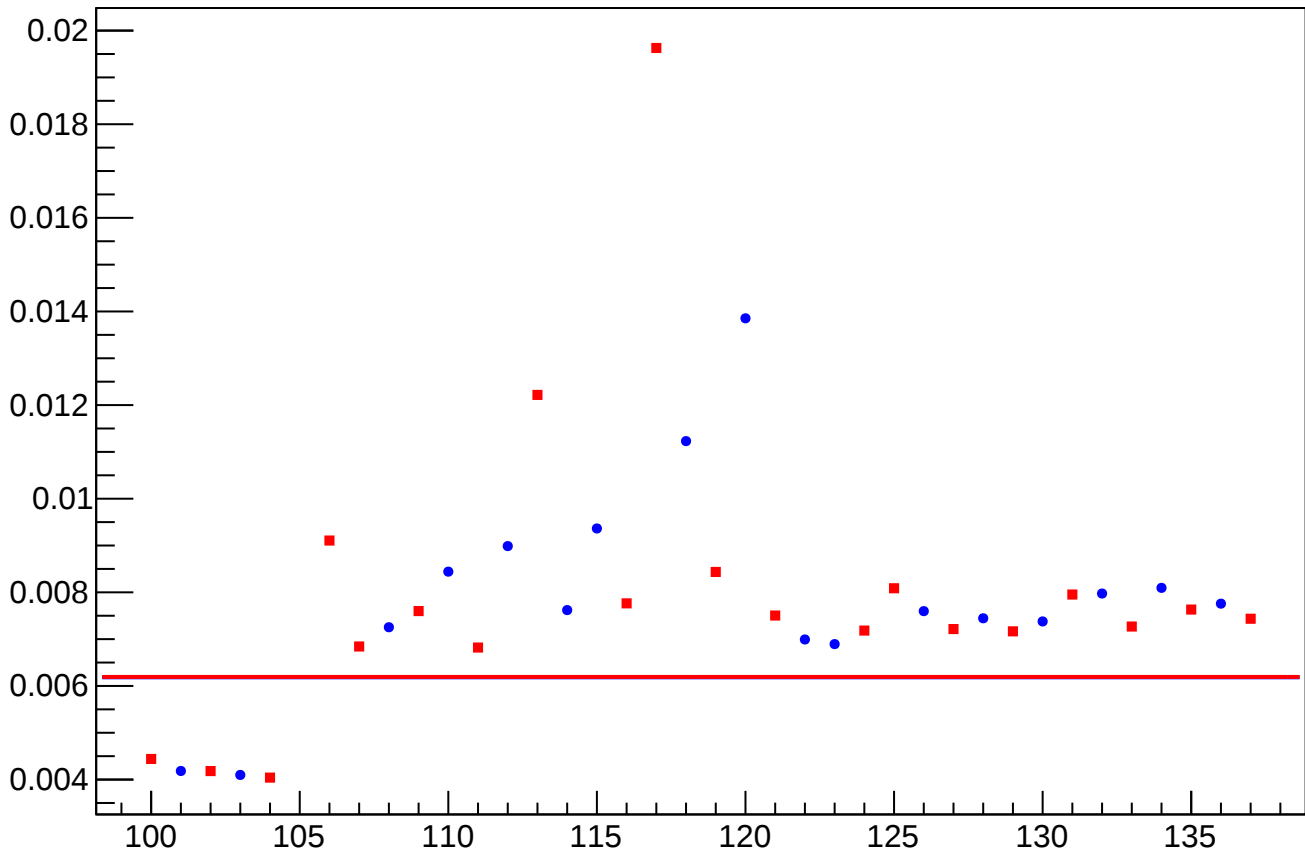
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.829+/-0.000 χ^2/NDF : 31718573821.2/16

0.829+/-0.000 χ^2/NDF : 65068328972.3/3

0.830+/-0.000 χ^2/NDF : 33349713412.0/19

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 : 1062886.2/19

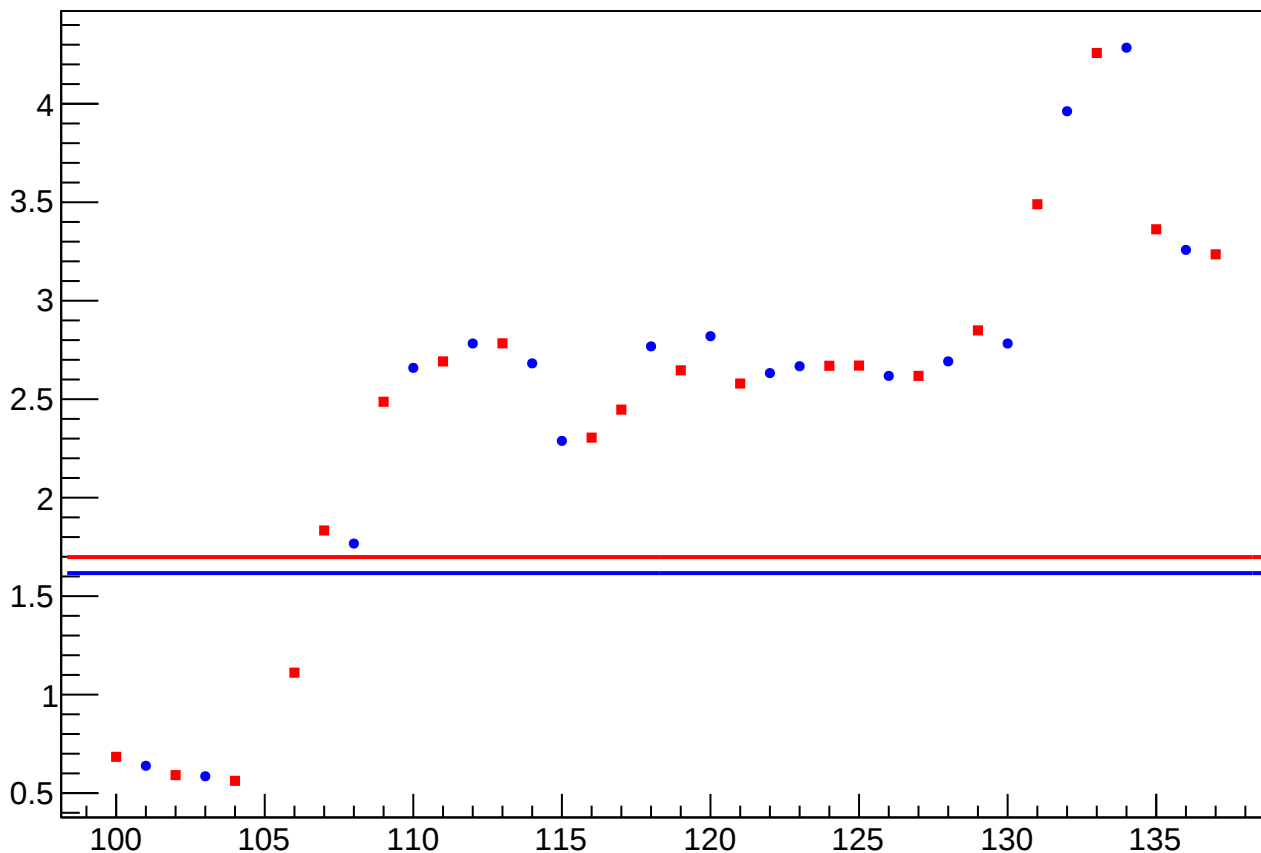
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1228962.4/16

0.006+/-0.000 χ^2/NDF : 2291857.2/36

0.006+/-0.000 χ^2/NDF : 1062886.2/19

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

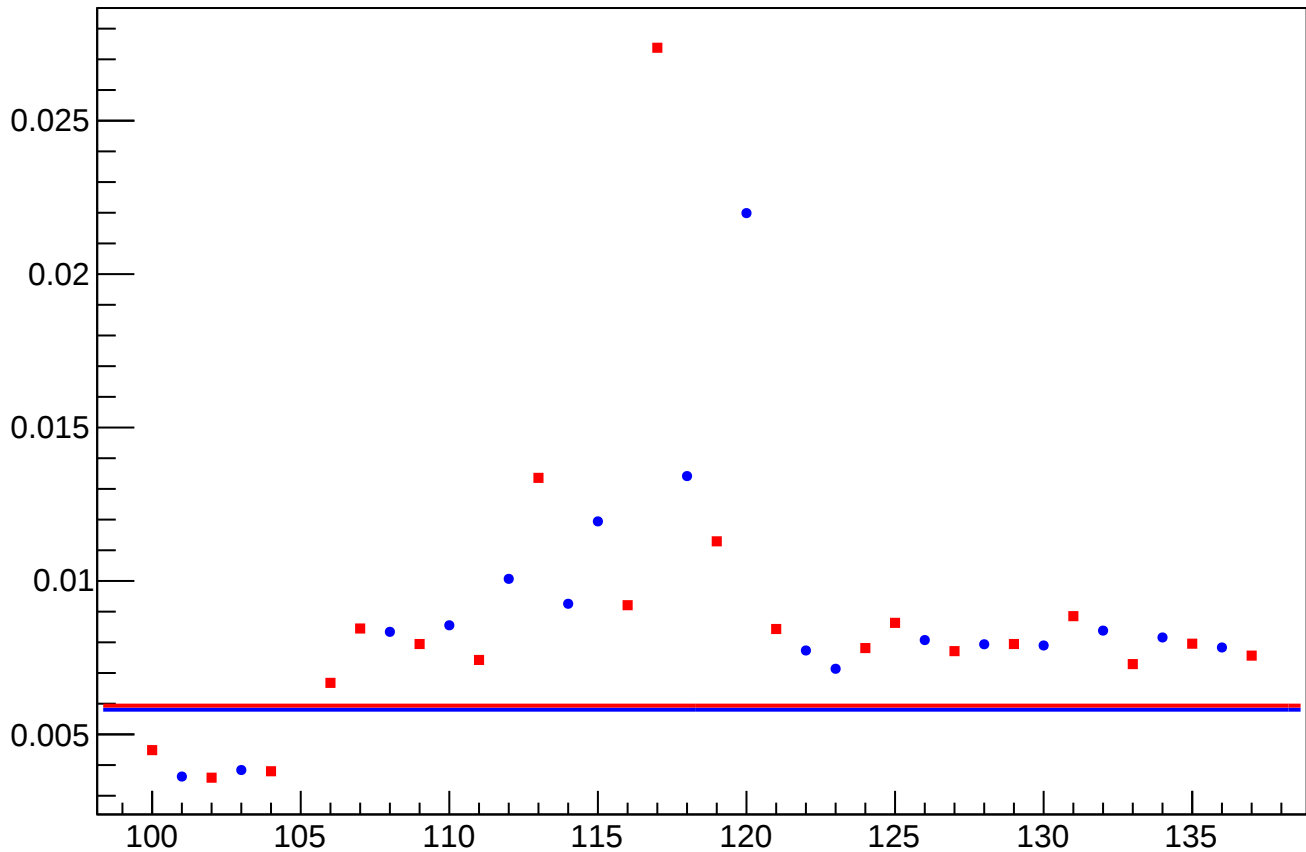
1.659+/-0.000 χ^2/NDF : 430812114974.8/16

Right Out: 1.698+/-0.000 χ^2/NDF : 227436227264.4/19

1.698+/-0.000 χ^2/NDF : 227436227264.4/19

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 : 1731283.0/19

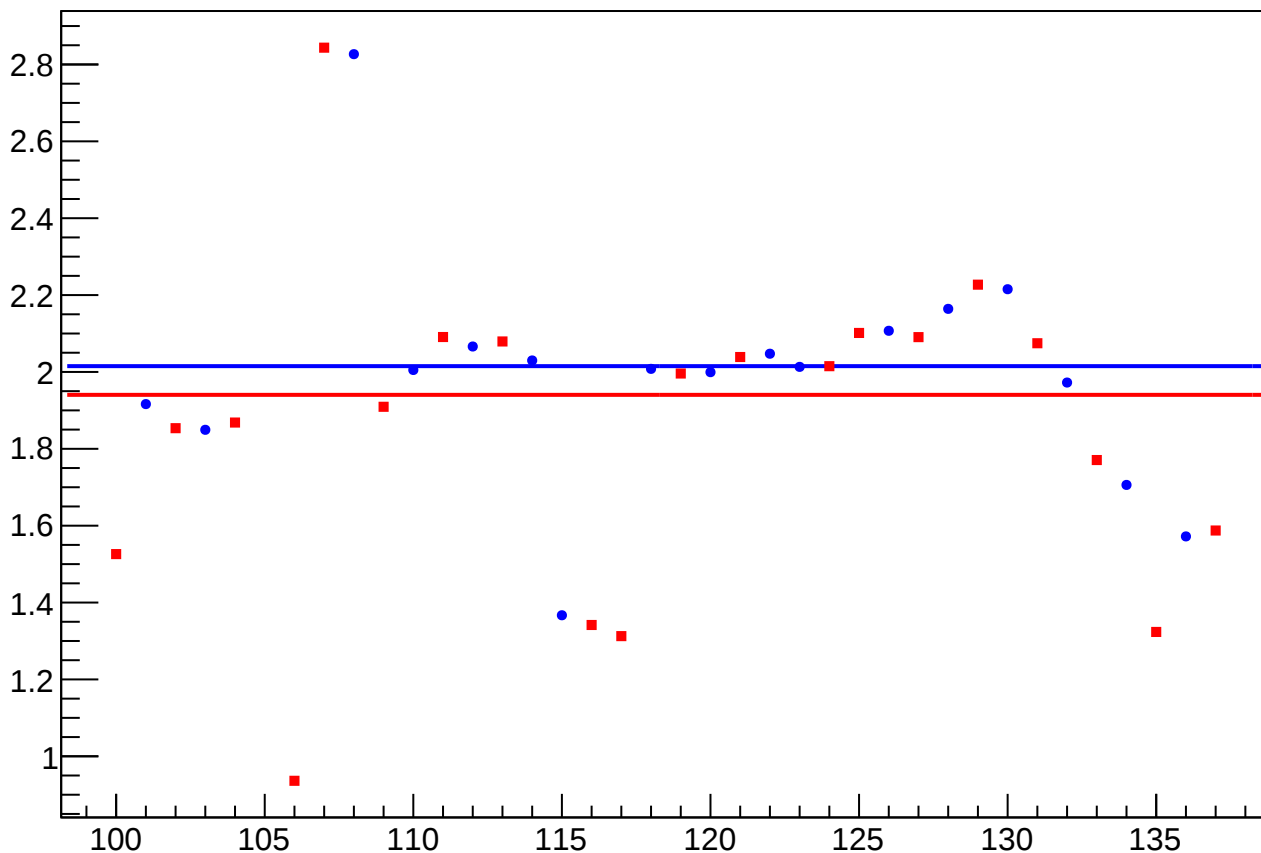
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1917989.1/16

0.006+/-0.000 χ^2/NDF : 3651838.7/36

0.006+/-0.000 χ^2/NDF : 1731283.0/19

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

Right Out: 1.940+/-0.000 χ^2/NDF : 21732099424.5/19

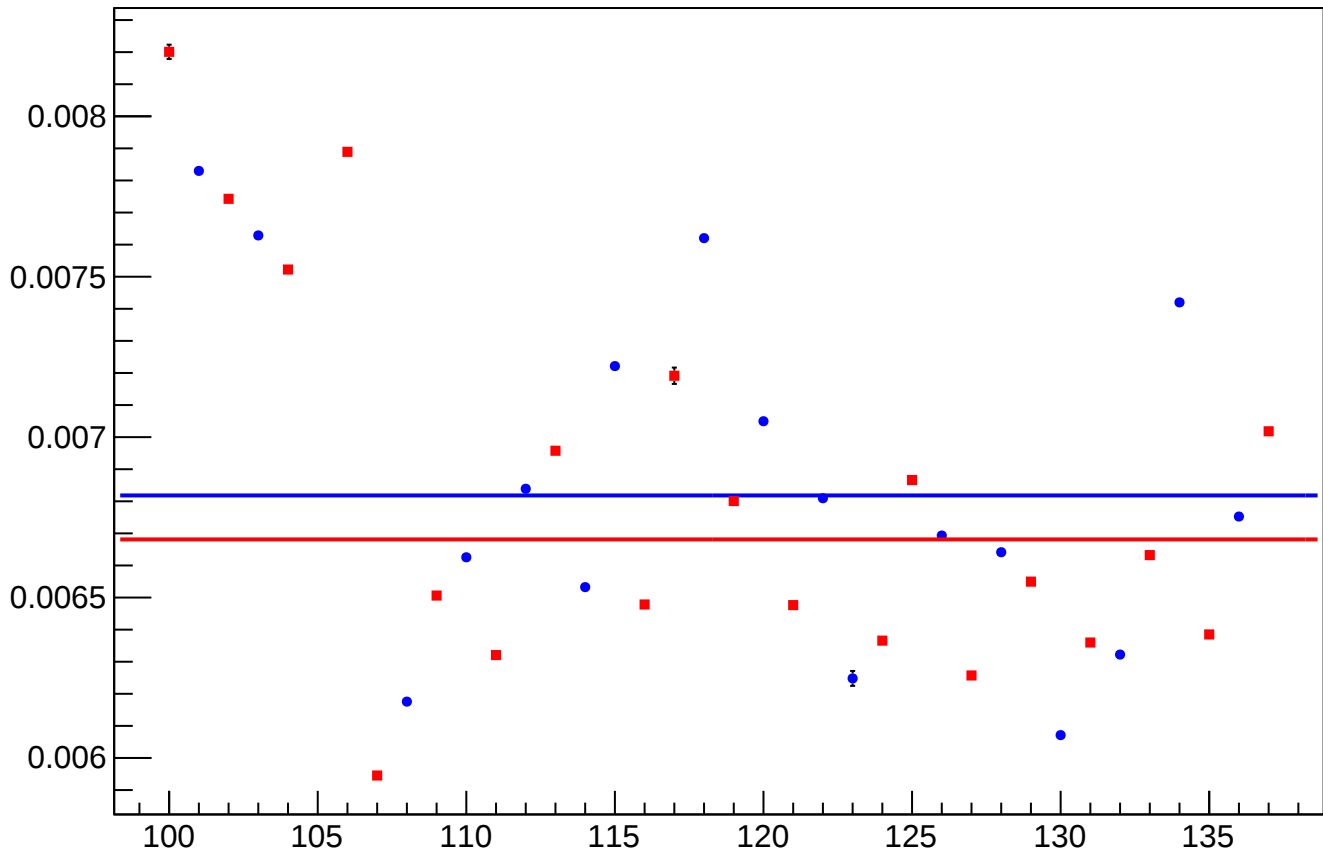
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.015+/-0.000 χ^2/NDF : 12228403202.6/16

1.976+/-0.000 χ^2/NDF : 34363275411.9/3

1.940+/-0.000 χ^2/NDF : 21732099424.5/19

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 : 76121.2/19

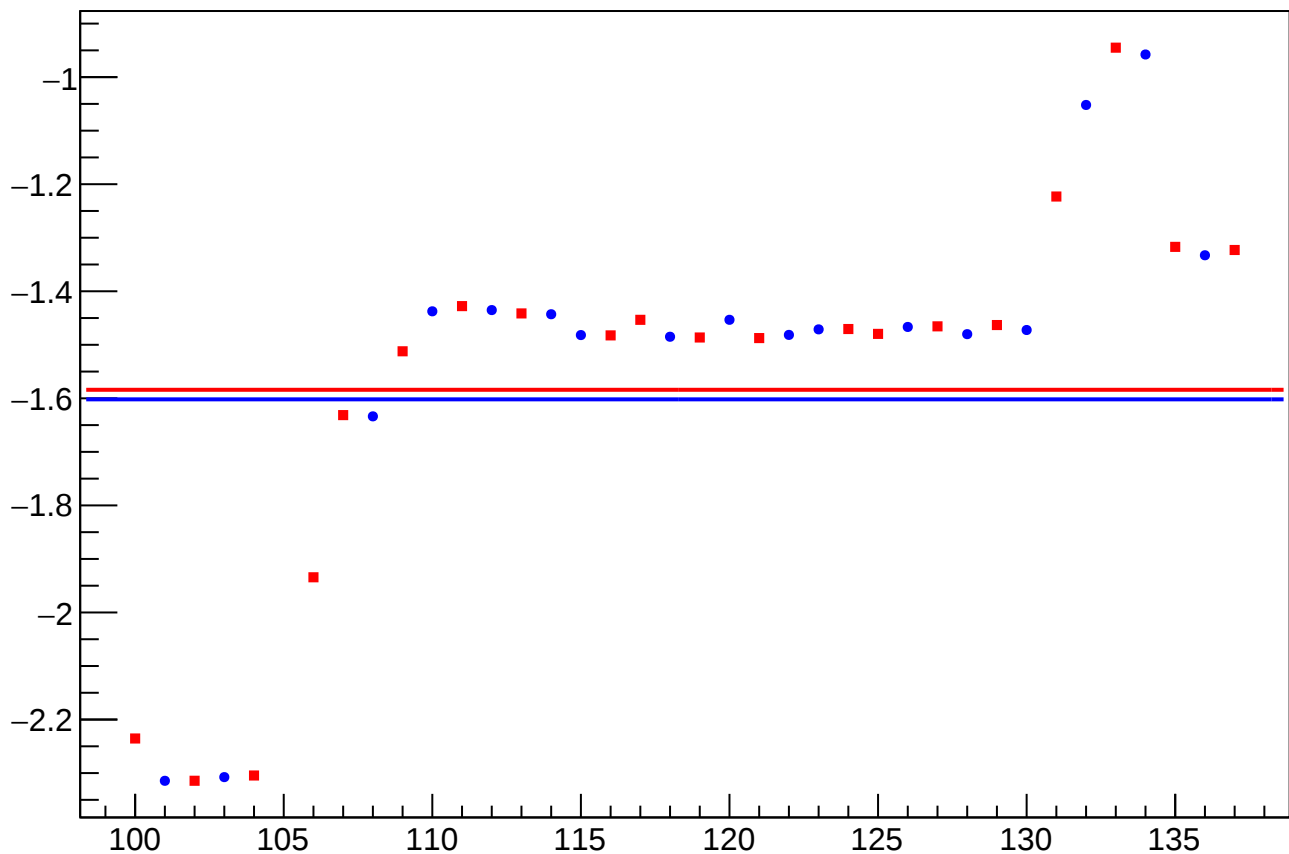
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 75813.9/16

0.007+/-0.000 χ^2/NDF : 154647.5/36

0.007+/-0.000 χ^2/NDF : 76121.2/19

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

Right Out: -1.584+/-0.000 χ^2 /NDF: 143612120137.8/19

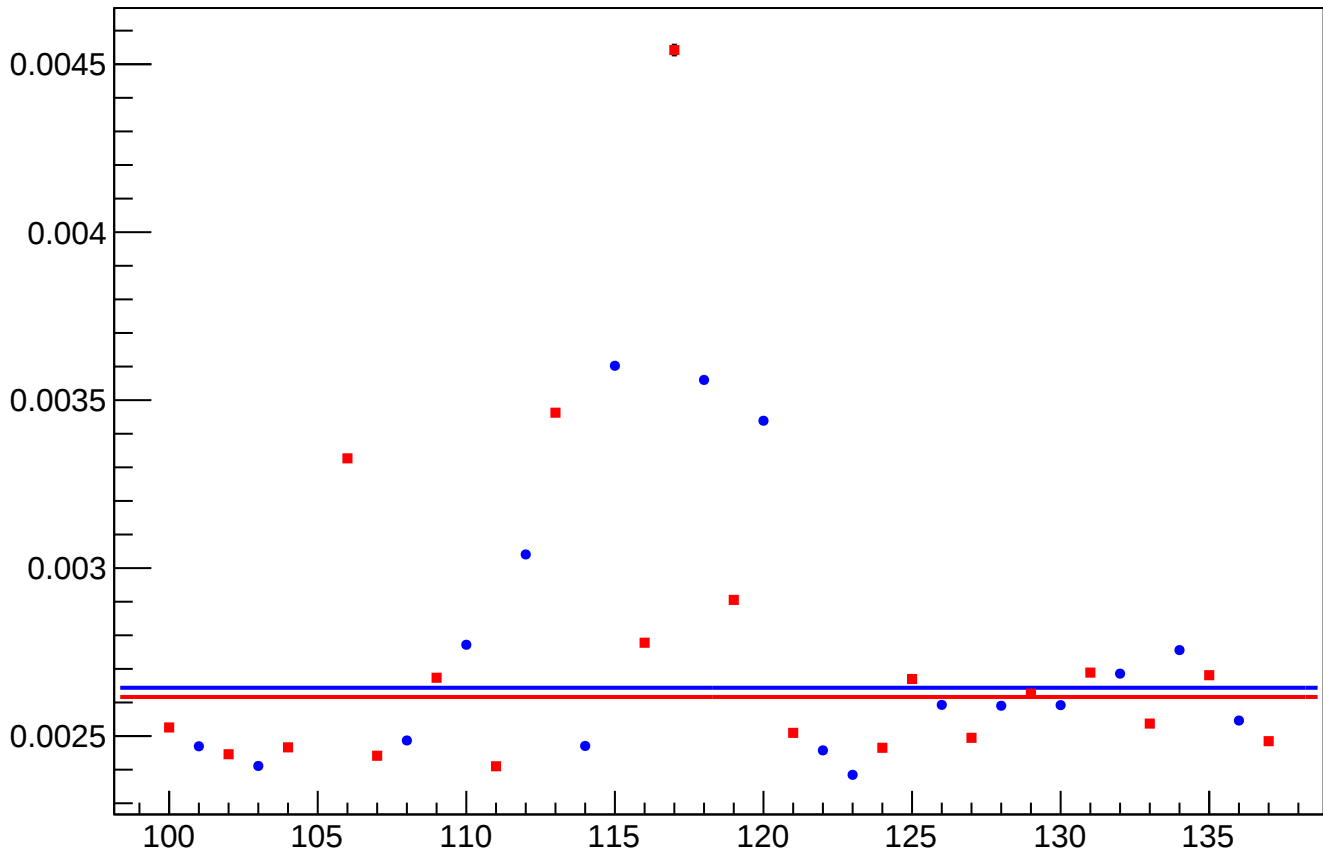
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.602+/-0.000 χ^2 /NDF: 140200656044.3/16

-1.593+/-0.000 χ^2 /NDF: 283962454961.0

-1.584+/-0.000 χ^2 /NDF: 143612120137.8/19

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 : 119852.1/19

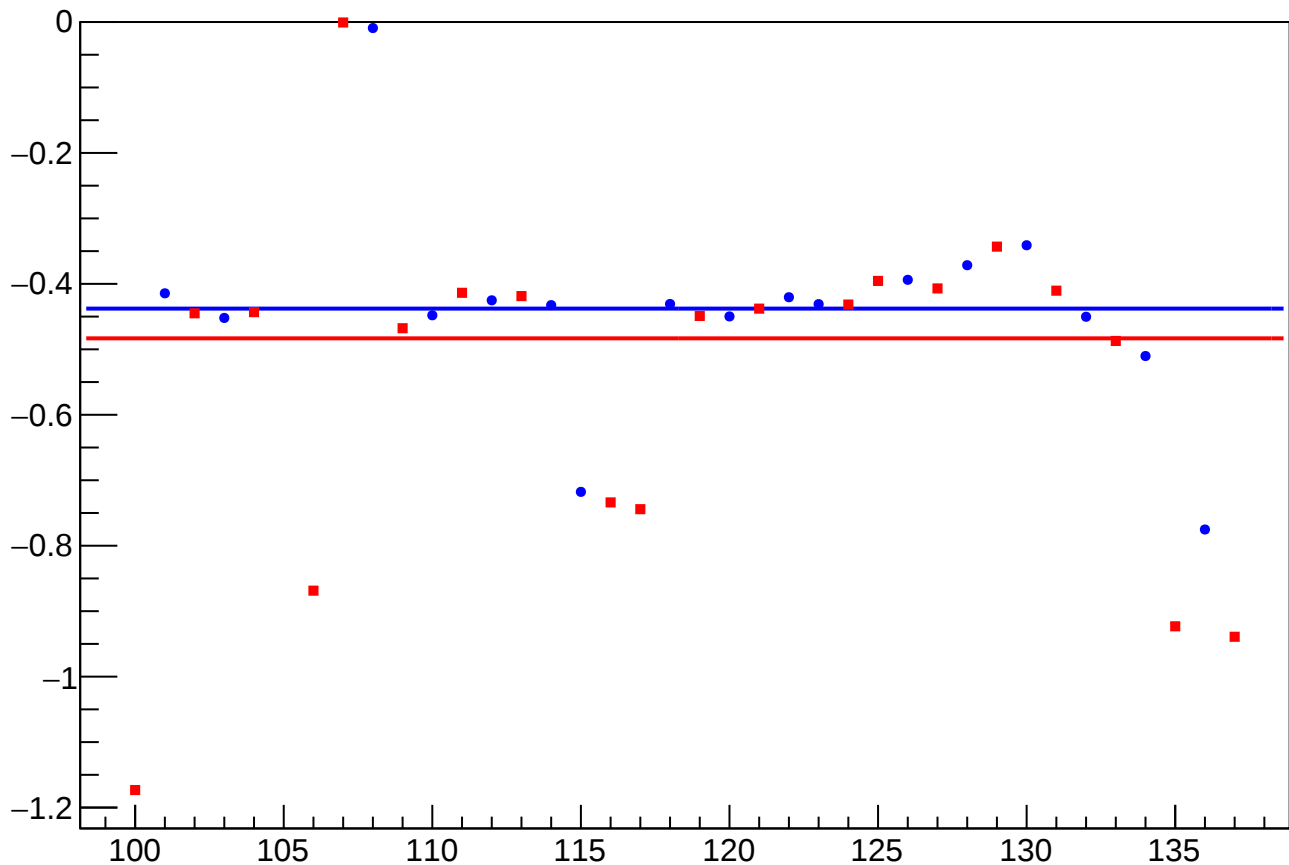
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 151383.5/16

0.003+/-0.000 χ^2/NDF : 271941.3/36

0.003+/-0.000 χ^2/NDF : 119852.1/19

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: -0.483+/-0.000 χ^2/NDF : 2714164016.2/19

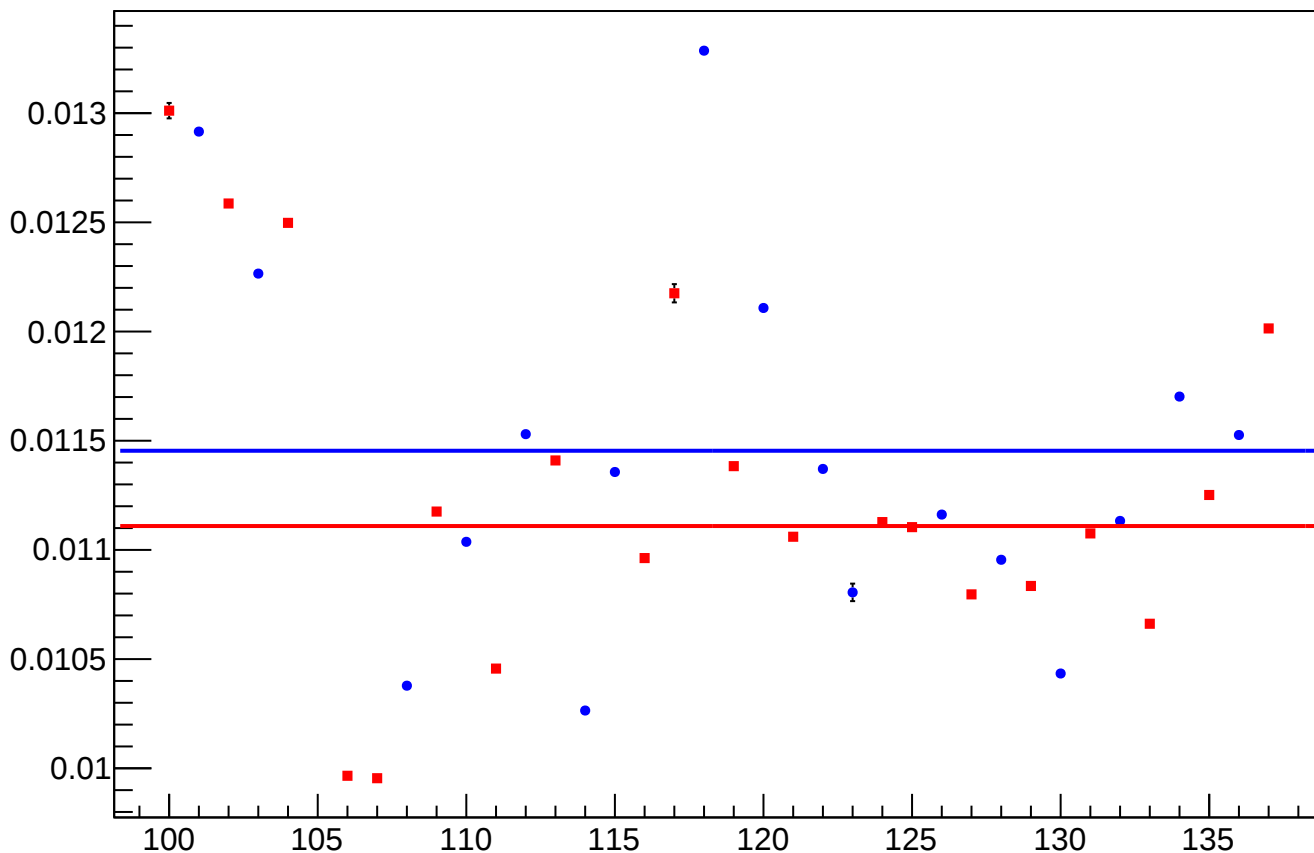
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.438+/-0.000 χ^2/NDF : 1462454117.6/16

-0.462+/-0.000 χ^2/NDF : 4231020454.0/30

-0.483+/-0.000 χ^2/NDF : 2714164016.2/19

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 : 56696.9/19

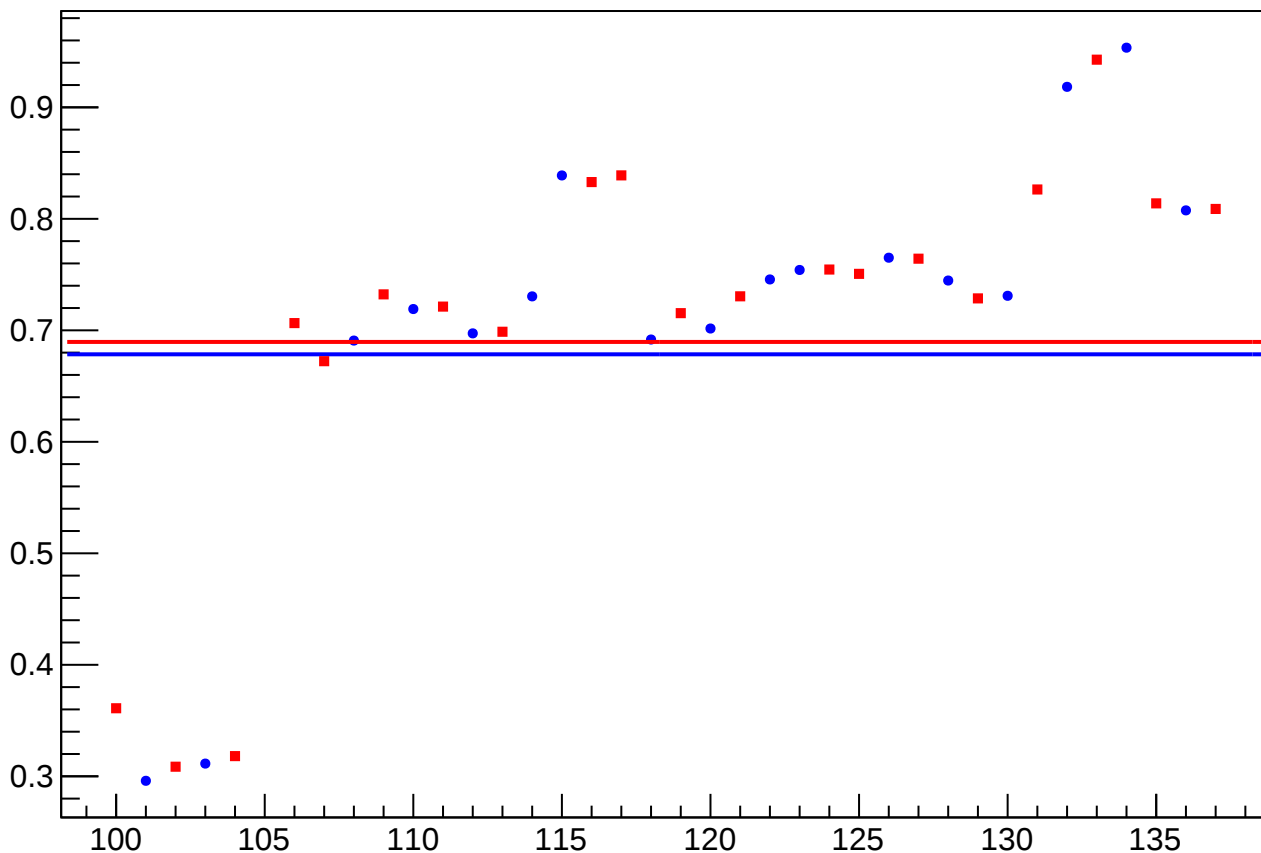
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 64687.8/16

0.011+/-0.000 χ^2/NDF : 127647.0/36

0.011+/-0.000 χ^2/NDF : 56696.9/19

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

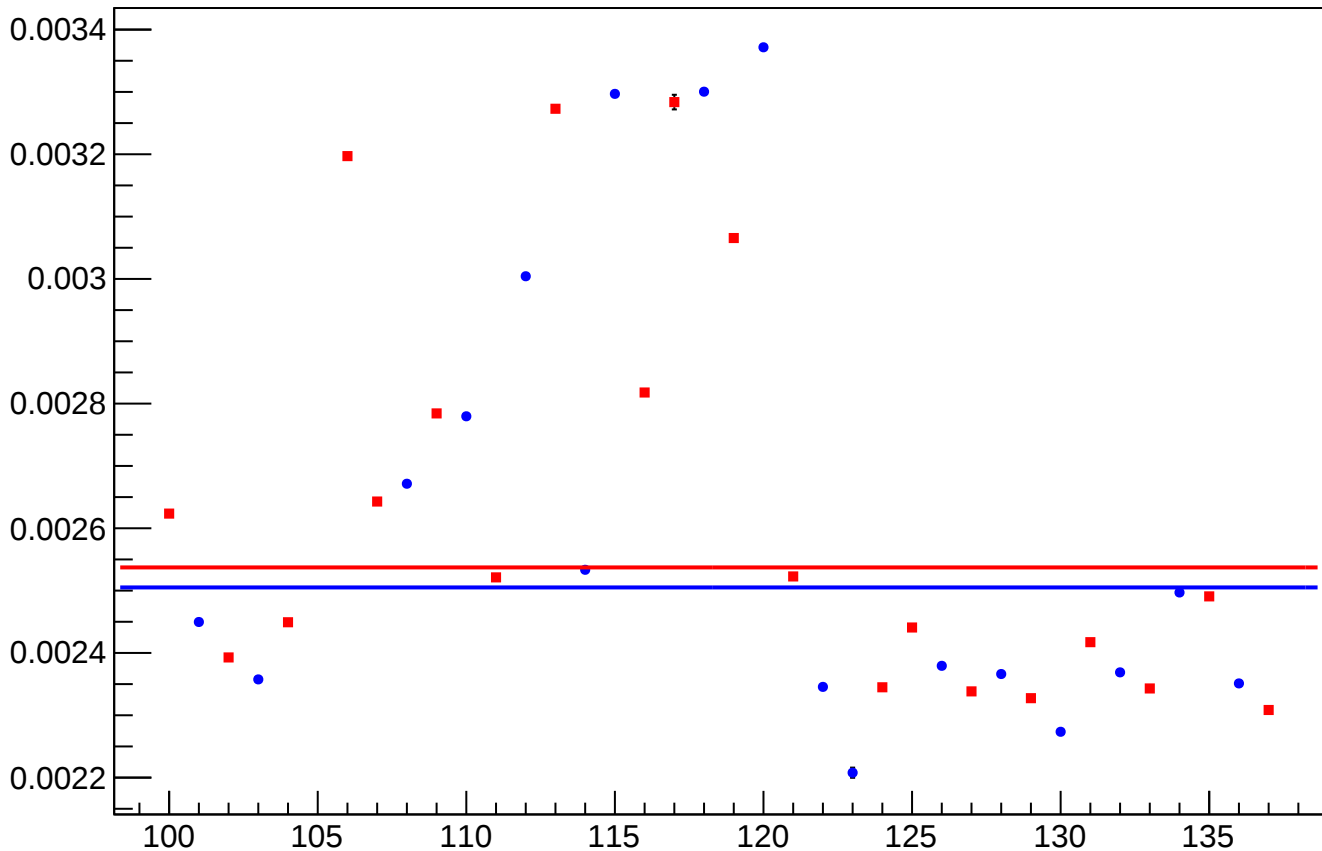
0.684+/-0.000 χ^2/NDF : 74009523056.5/3

Right Out: 0.690+/-0.000 χ^2/NDF : 35439496983.3/19

0.690+/-0.000 χ^2/NDF : 35439496983.3/19

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 : 135649.7/19

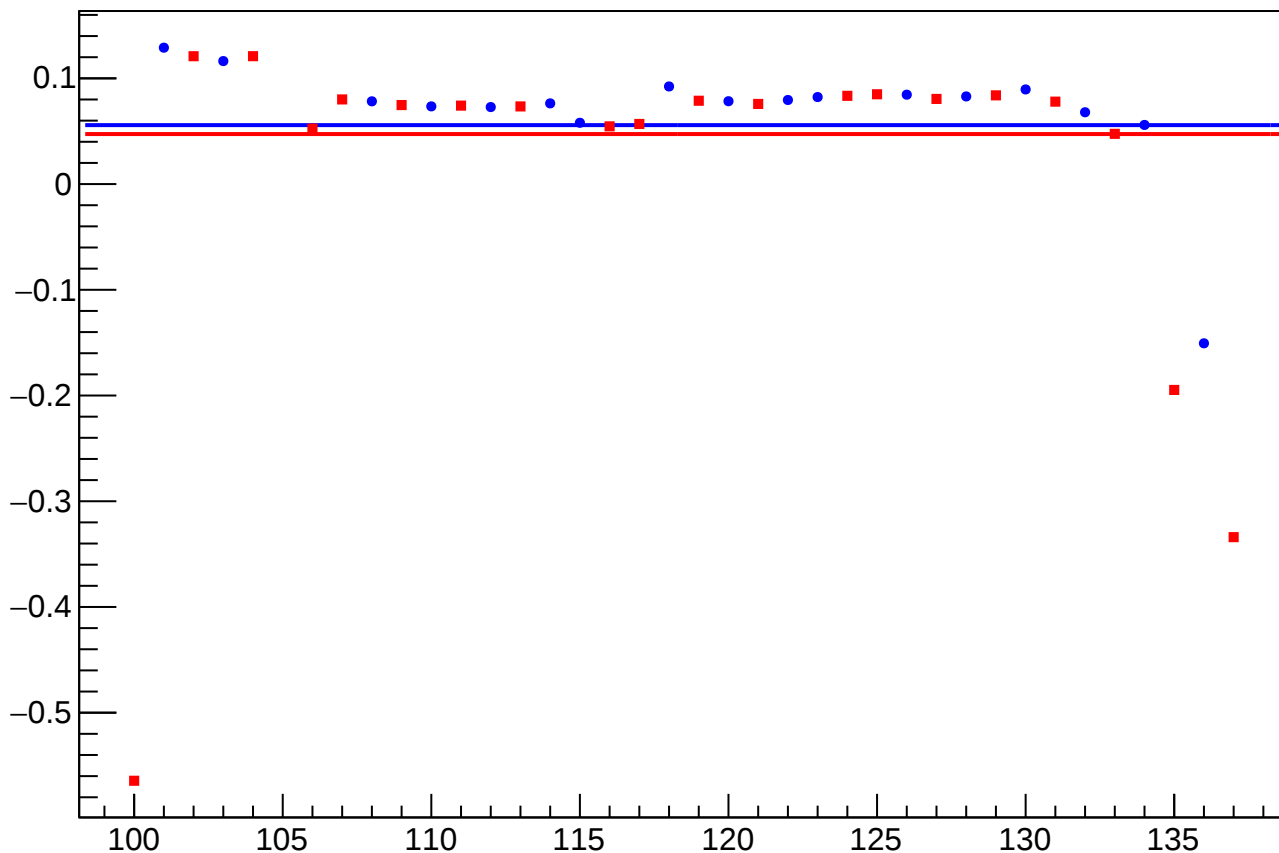
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 175524.0/16

0.003+/-0.000 χ^2/NDF : 312235.7/36

0.003+/-0.000 χ^2/NDF : 135649.7/19

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: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

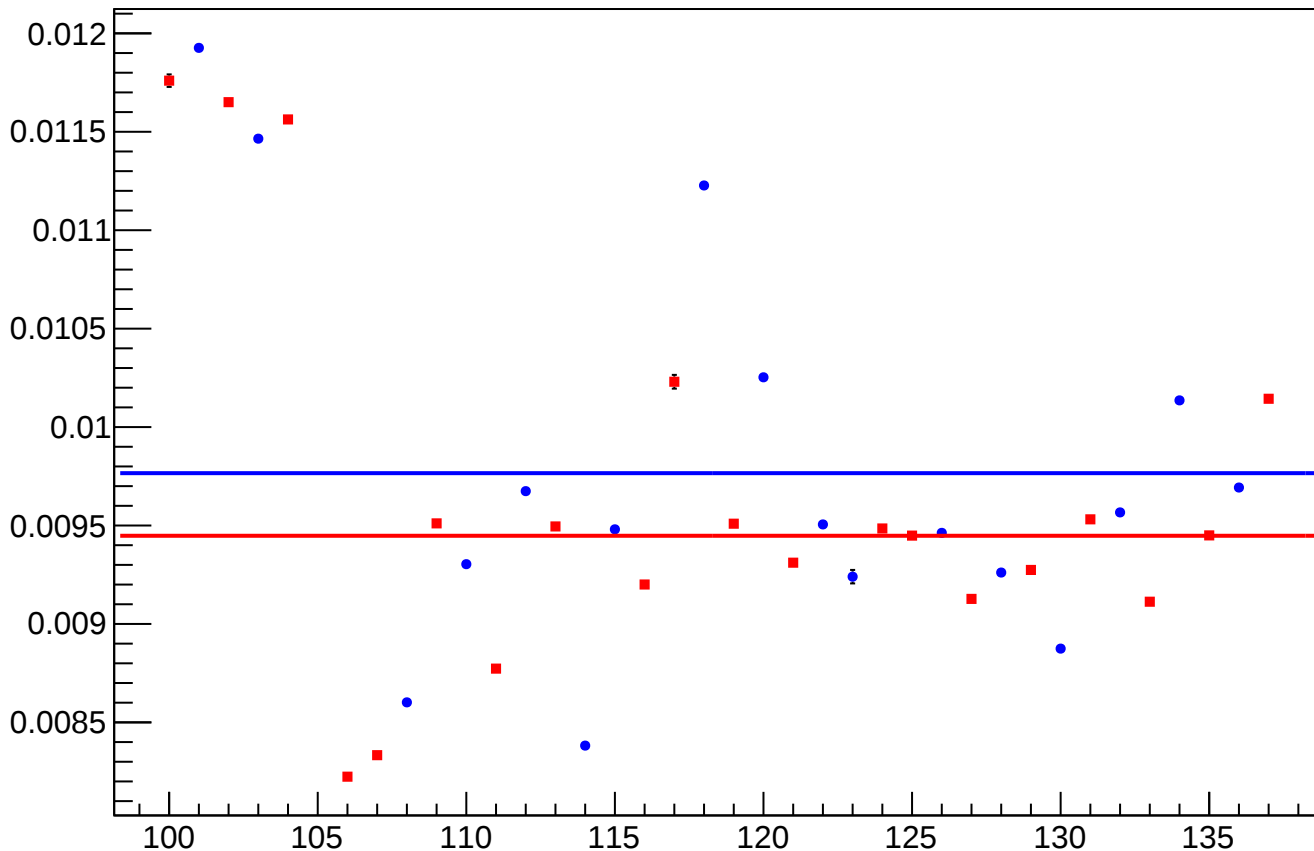
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.056+/-0.000 χ^2/NDF : 423003688.1/16

0.051+/-0.000 χ^2/NDF : 1245210601.9/36

0.047+/-0.000 χ^2/NDF : 819626031.7/19

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 : 111197.0/19

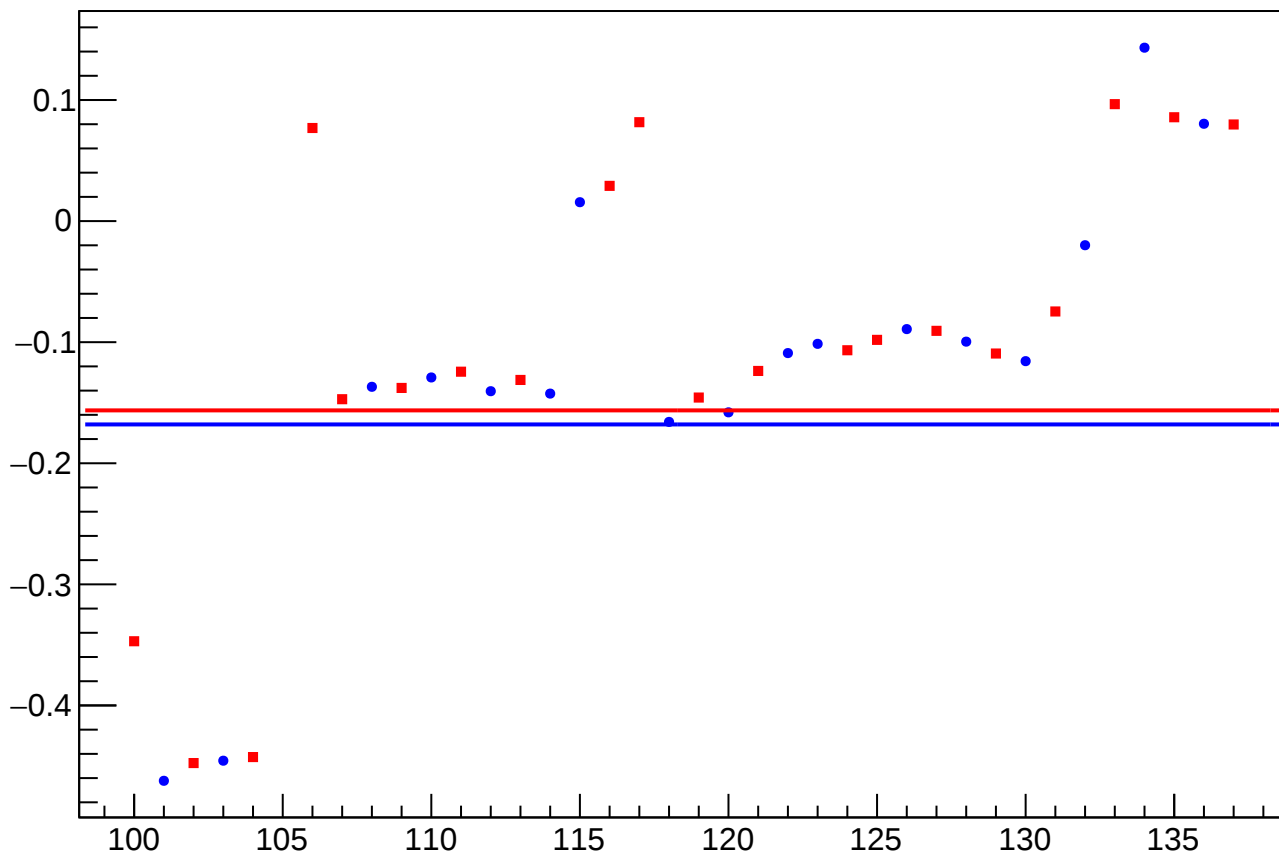
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116638.3/16

0.010+/-0.000 χ^2/NDF : 235144.3/36

0.009+/-0.000 χ^2/NDF : 111197.0/19

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

Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

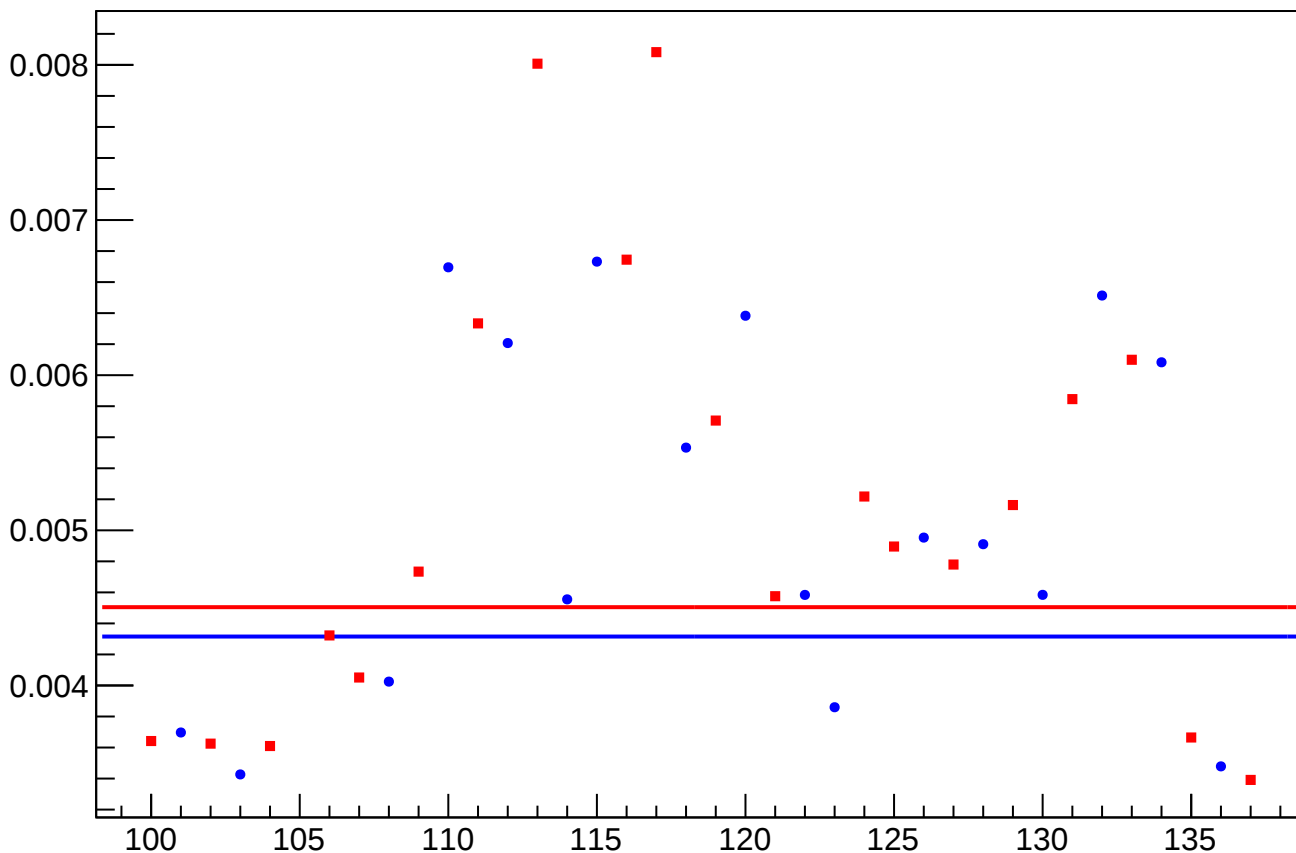
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.168+/-0.000 χ^2/NDF : 12331812610.6/16

-0.162+/-0.000 χ^2/NDF : 23413819720.2/3

-0.156+/-0.000 χ^2/NDF : 11061140252.3/19

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 : 665152.6/19

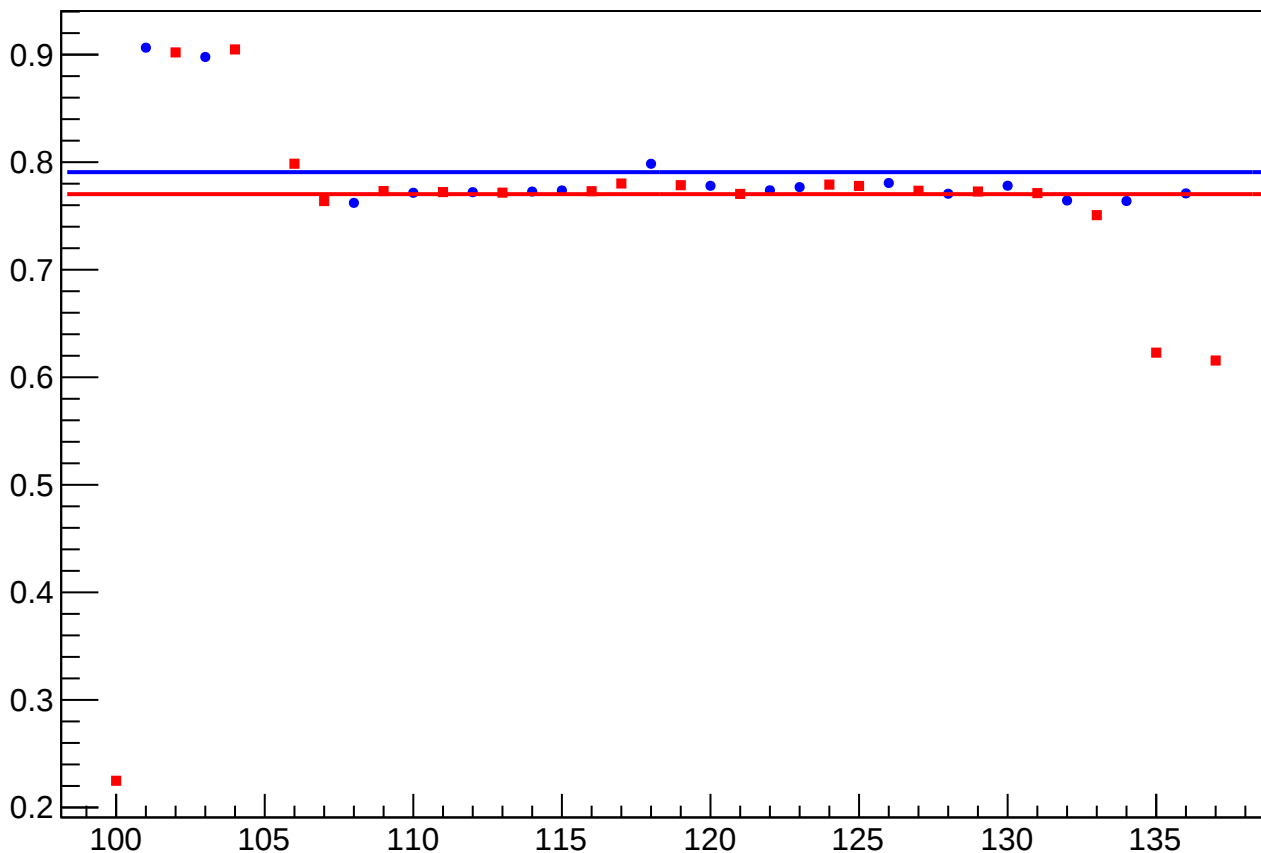
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 619744.7/16

0.004+/-0.000 χ^2/NDF : 1296004.9/36

0.005+/-0.000 χ^2/NDF : 665152.6/19

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.791+/-0.000 χ^2/NDF : 106705767.1/16

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

Right Out: 0.770+/-0.000 χ^2/NDF : 375473971.0/19

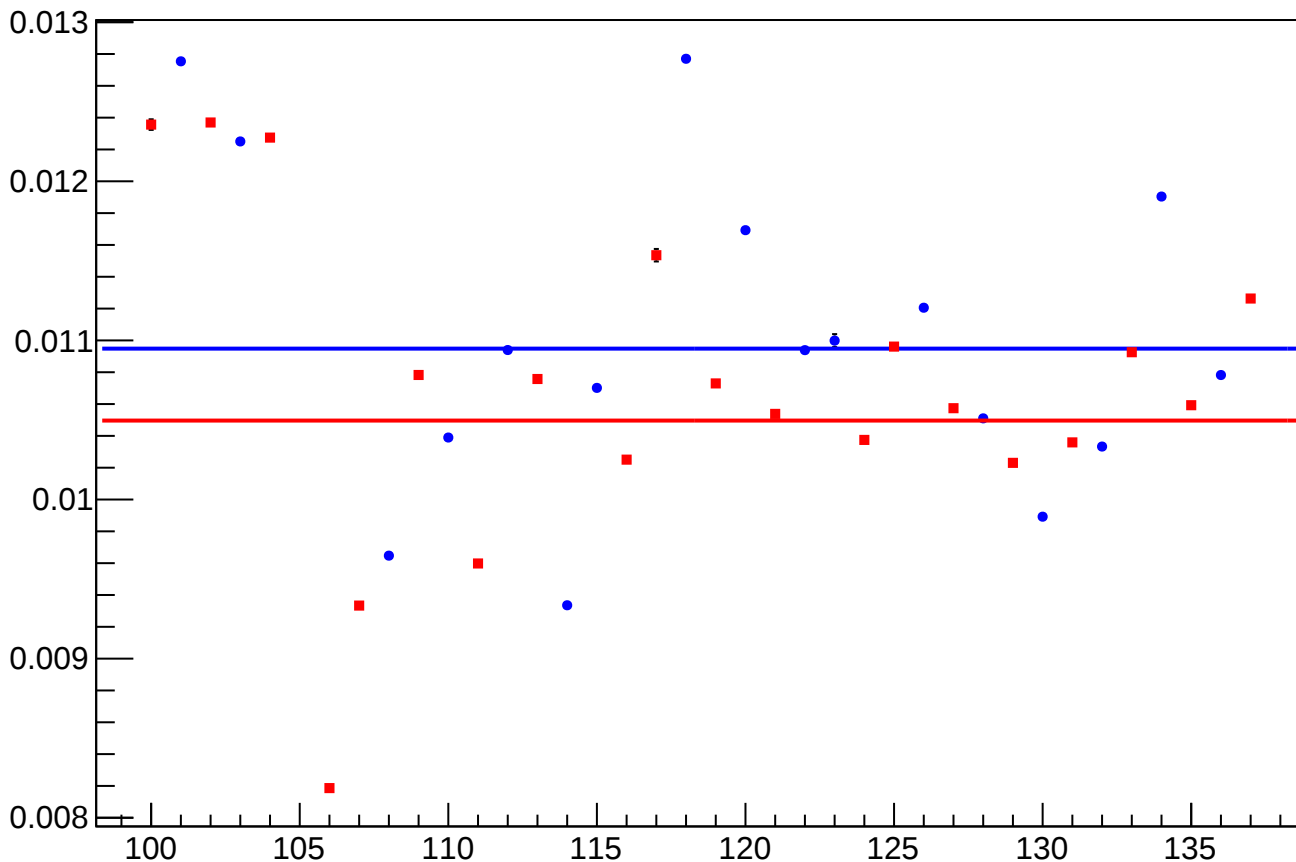
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.791+/-0.000 χ^2/NDF : 106705767.1/16

0.780+/-0.000 χ^2/NDF : 494318078.7/36

0.770+/-0.000 χ^2/NDF : 375473971.0/19

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 : 120120.6/19

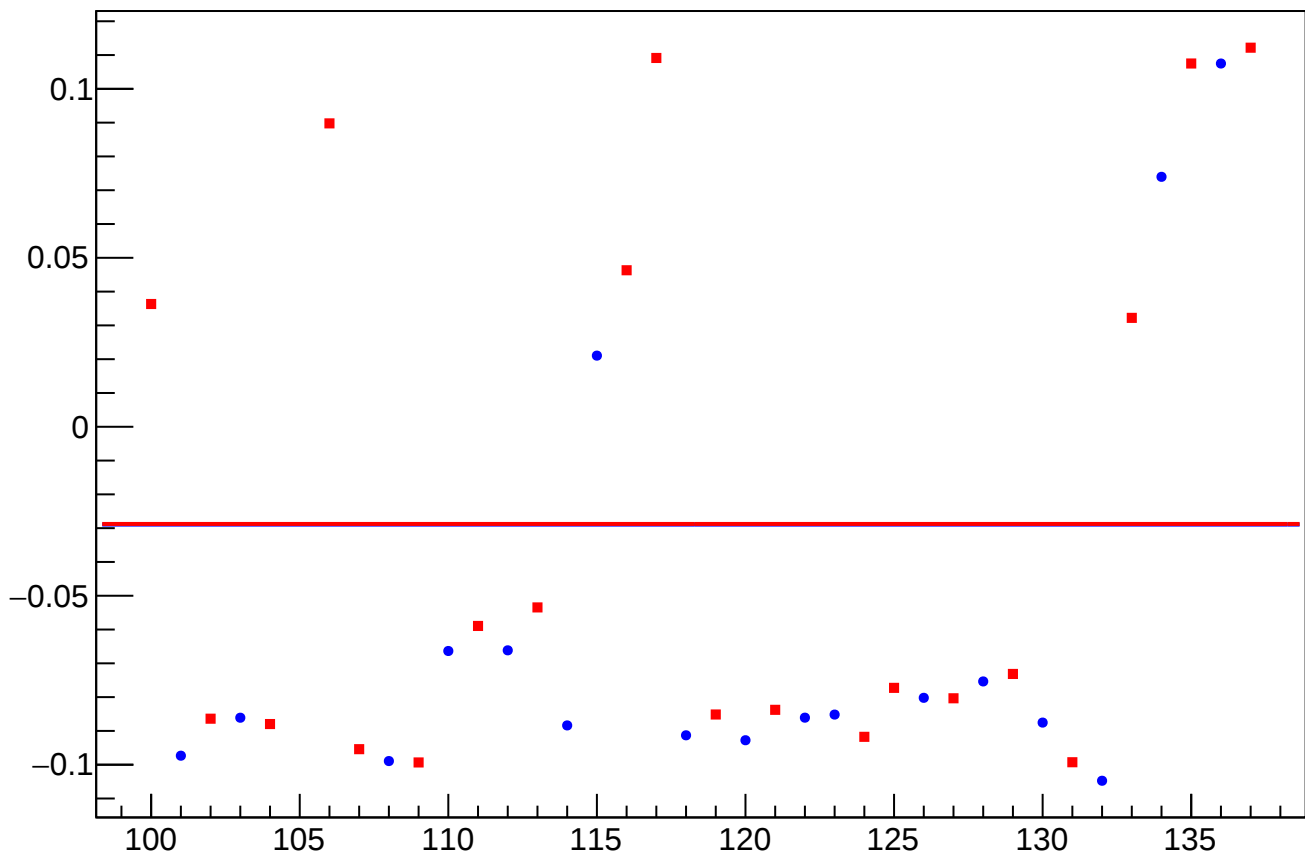
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98551.4/16

0.011+/-0.000 χ^2/NDF : 230533.3/36

0.010+/-0.000 χ^2/NDF : 120120.6/19

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: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

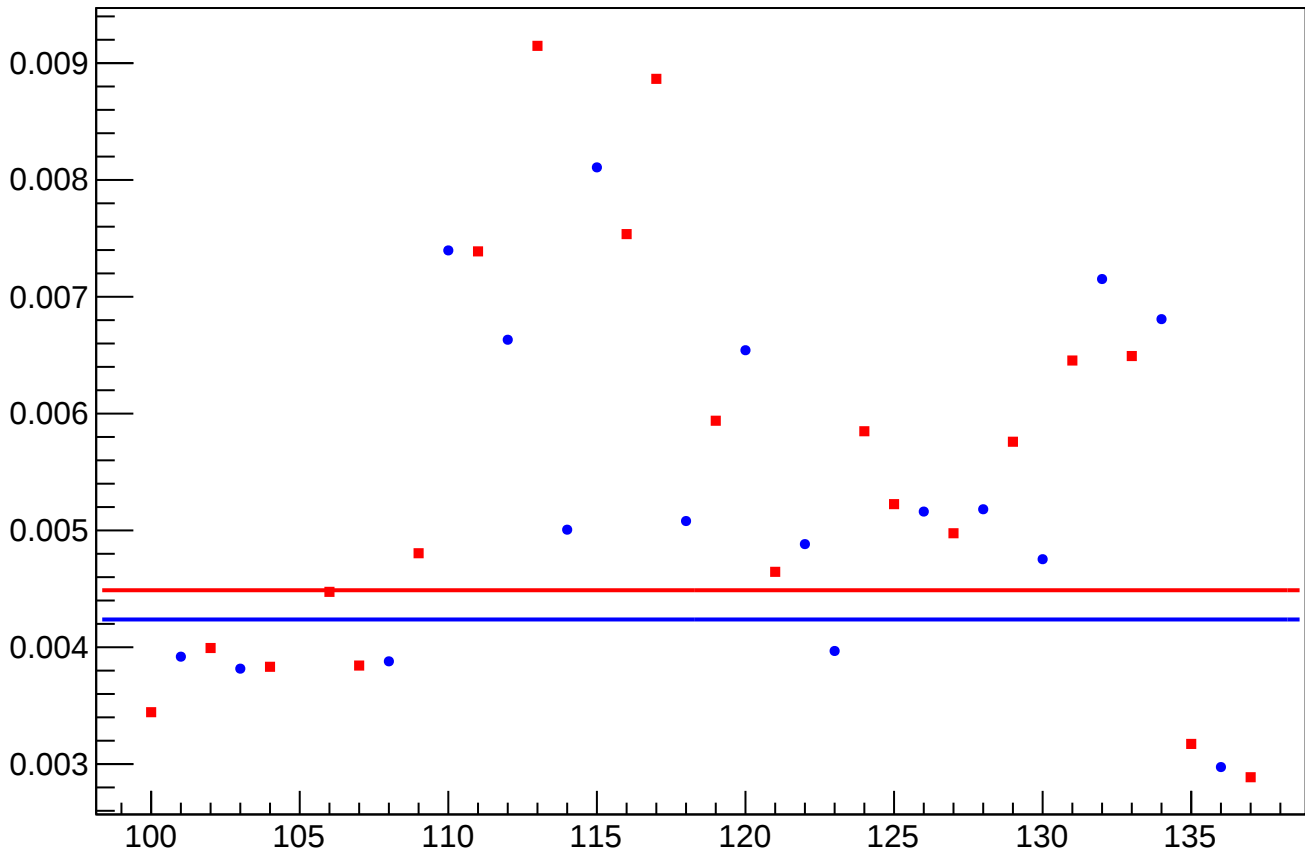
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.029+/-0.000 χ^2/NDF : 2445975608.2/16

-0.029+/-0.000 χ^2/NDF : 4568899489.8/30

-0.029+/-0.000 χ^2/NDF : 2122918772.1/19

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: 0.004+/-0.000 χ^2/NDF : 1003473.4/19

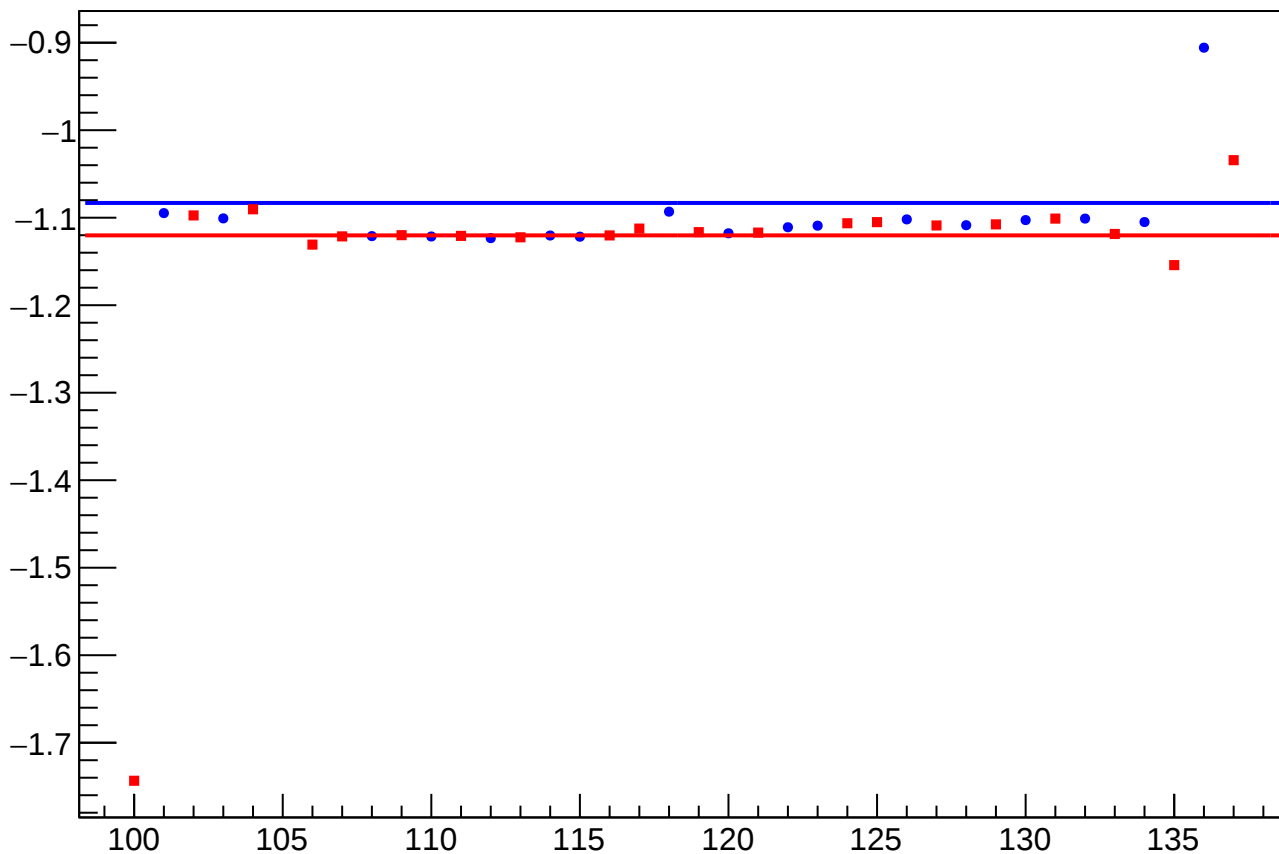
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 881584.1/16

0.004+/-0.000 χ^2/NDF : 1903718.1/36

0.004+/-0.000 χ^2/NDF : 1003473.4/19

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: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

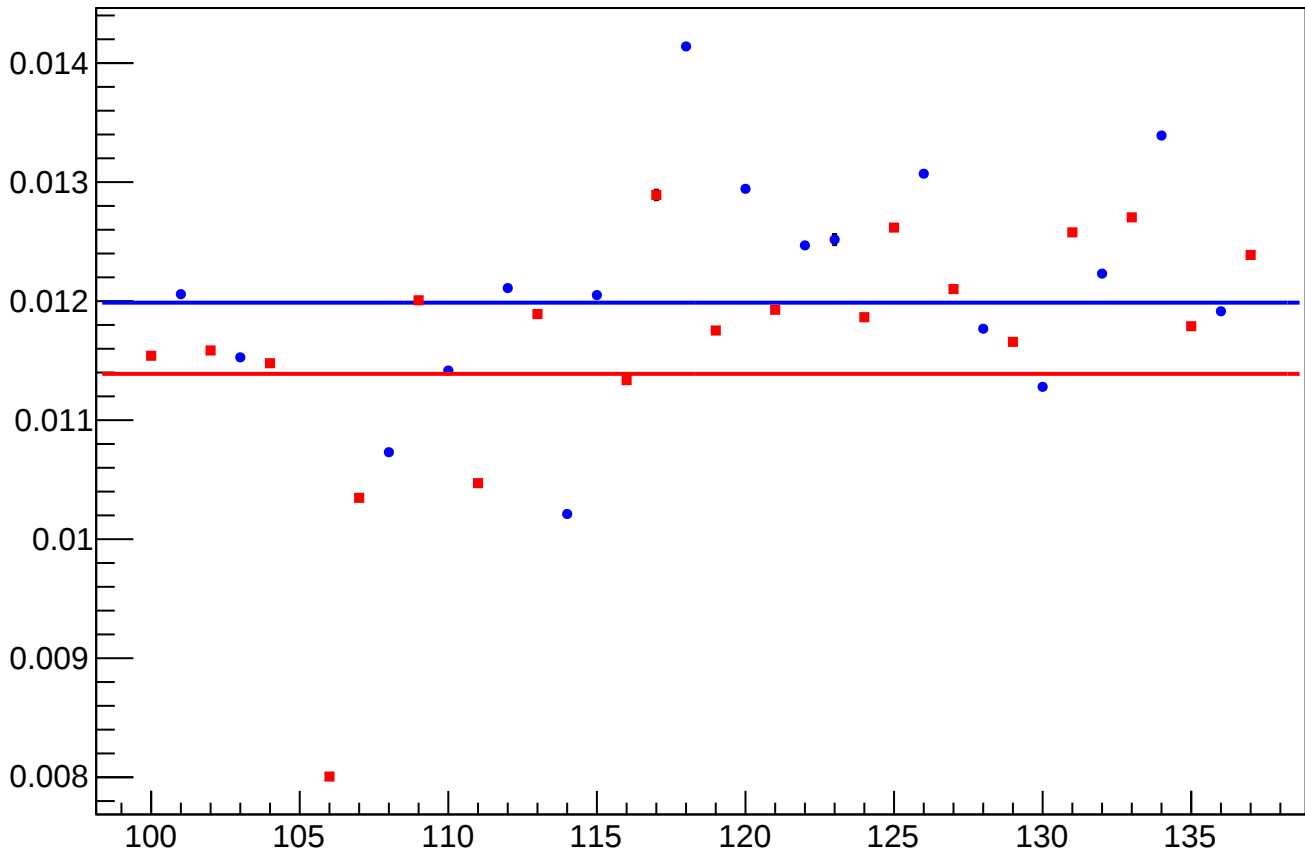
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.083+/-0.000 χ^2/NDF : 202920901.6/16

-1.103+/-0.000 χ^2/NDF : 456876627.3/36

-1.120+/-0.000 χ^2/NDF : 220586820.0/19

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 60402.0/16

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

Right Out: 0.011+/-0.000 χ^2/NDF : 155700.3/19

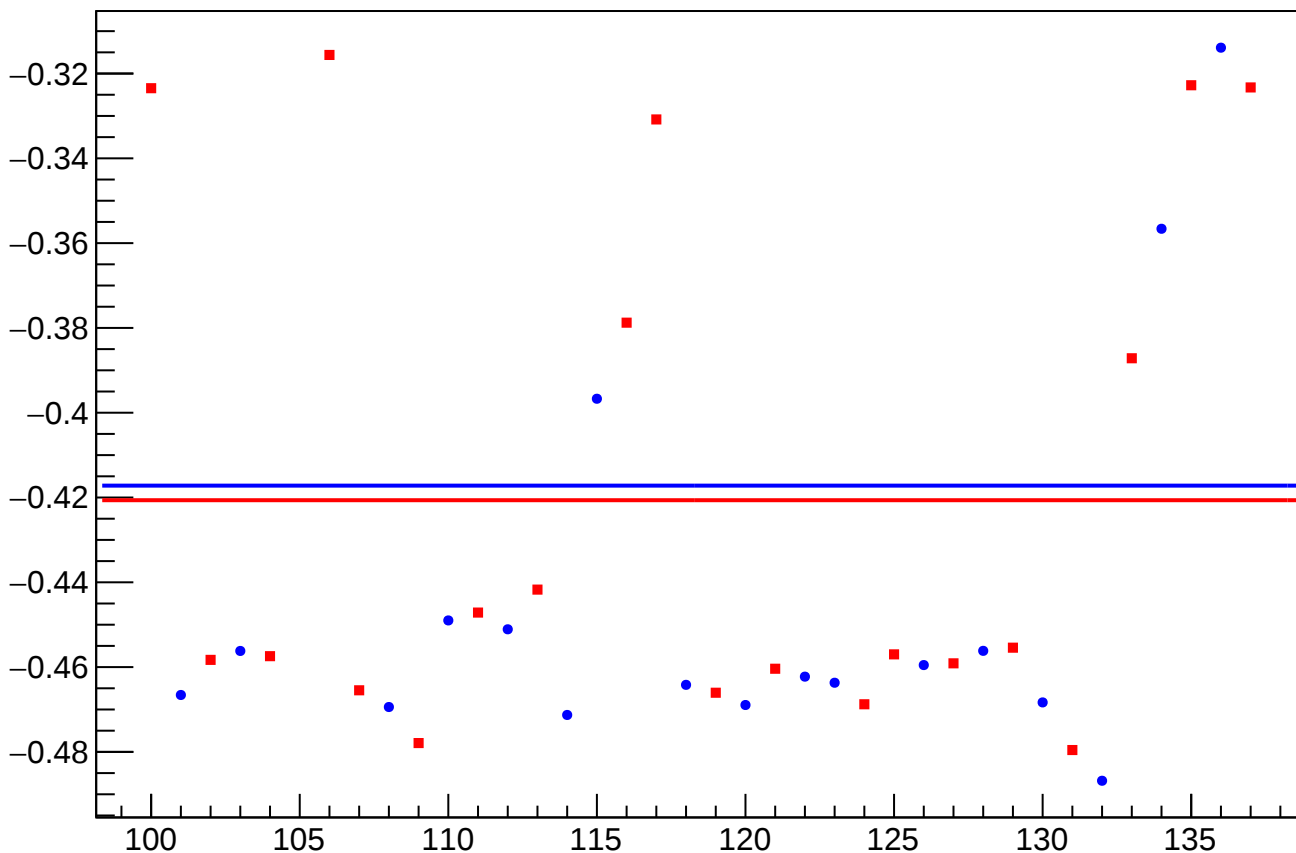
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 60402.0/16

0.012+/-0.000 χ^2/NDF : 233496.2/36

0.011+/-0.000 χ^2/NDF : 155700.3/19

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: -0.421+/-0.000 χ^2/NDF : 1652792044.5/19

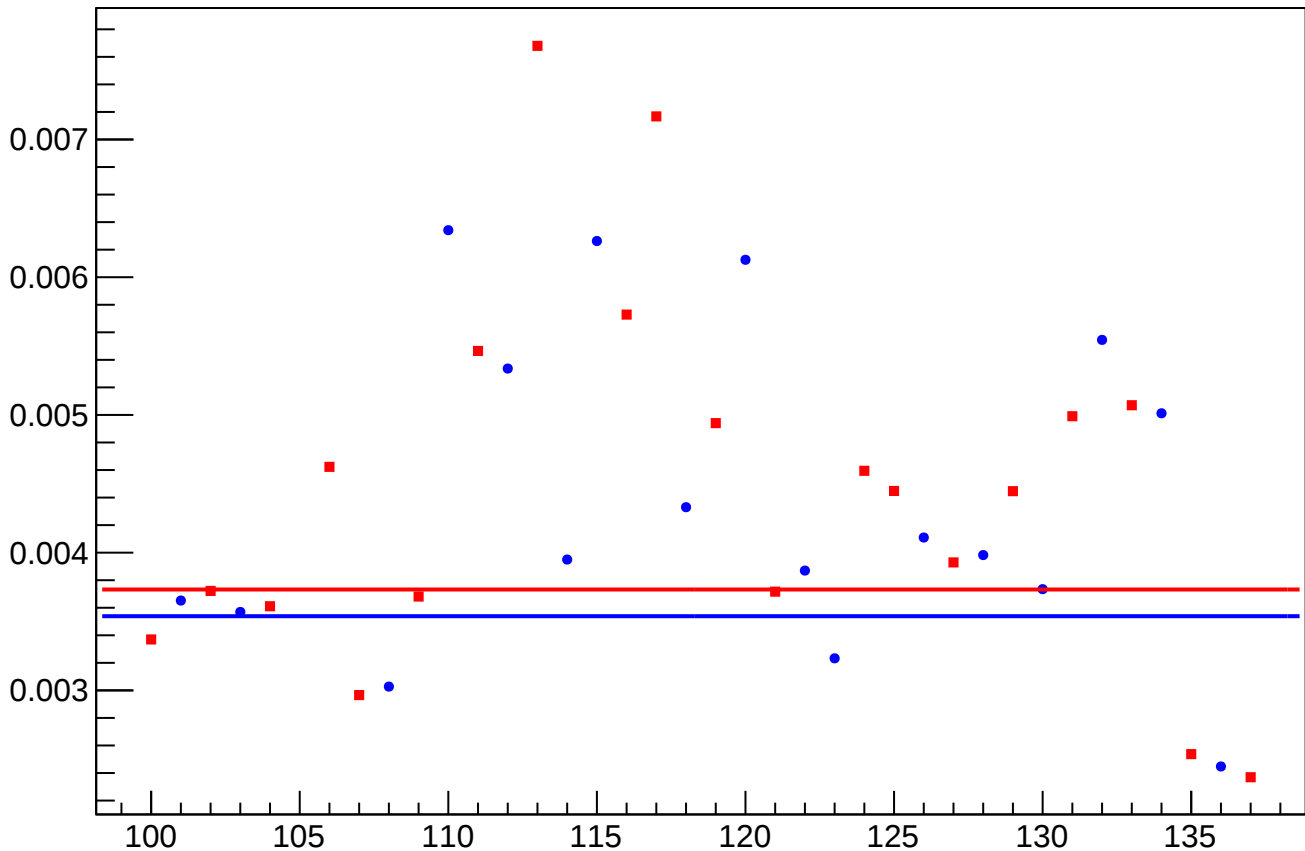
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.417+/-0.000 χ^2/NDF : 2039045143.8/16

-0.419+/-0.000 χ^2/NDF : 3694372870.0/30

-0.421+/-0.000 χ^2/NDF : 1652792044.5/19

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 : 916963.6/19

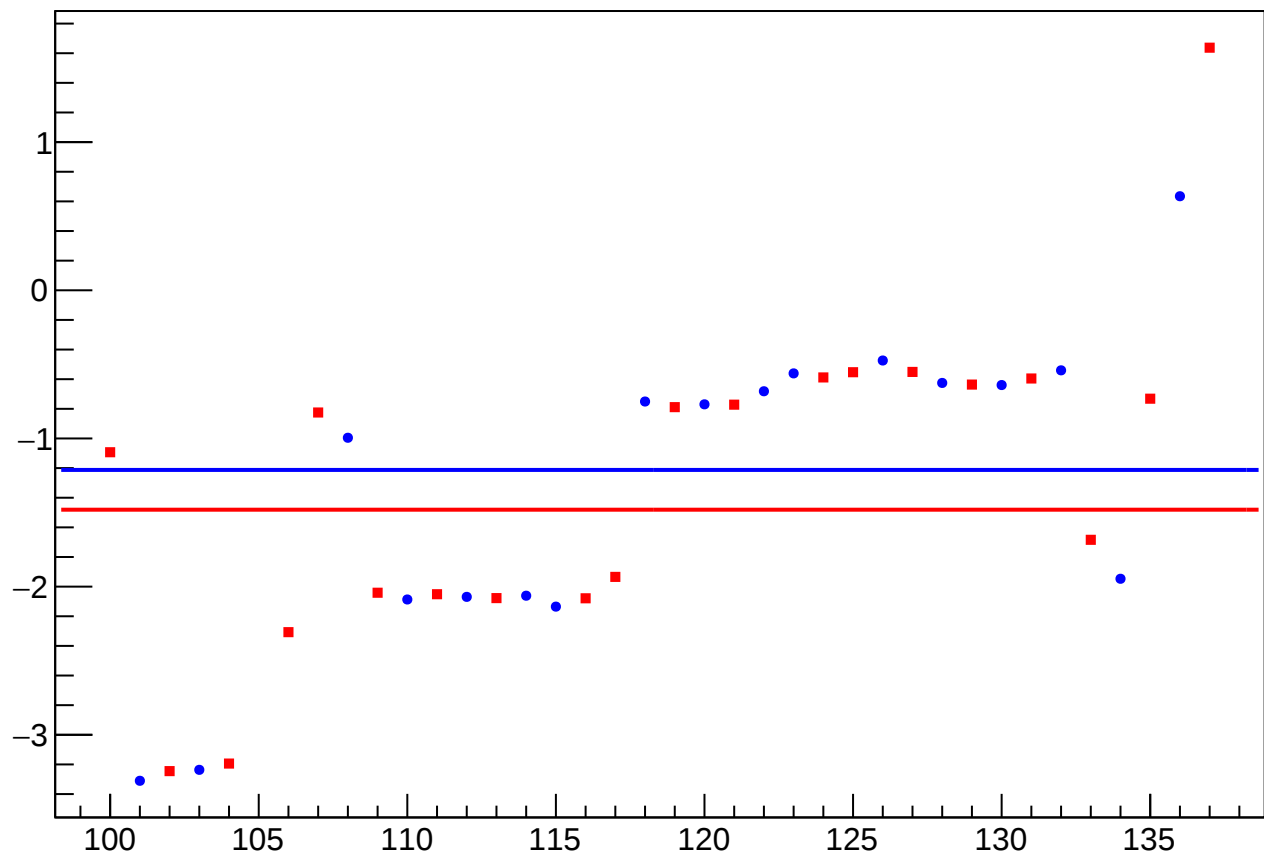
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 836154.0/16

0.004+/-0.000 χ^2/NDF : 1769228.0/36

0.004+/-0.000 χ^2/NDF : 916963.6/19

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: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

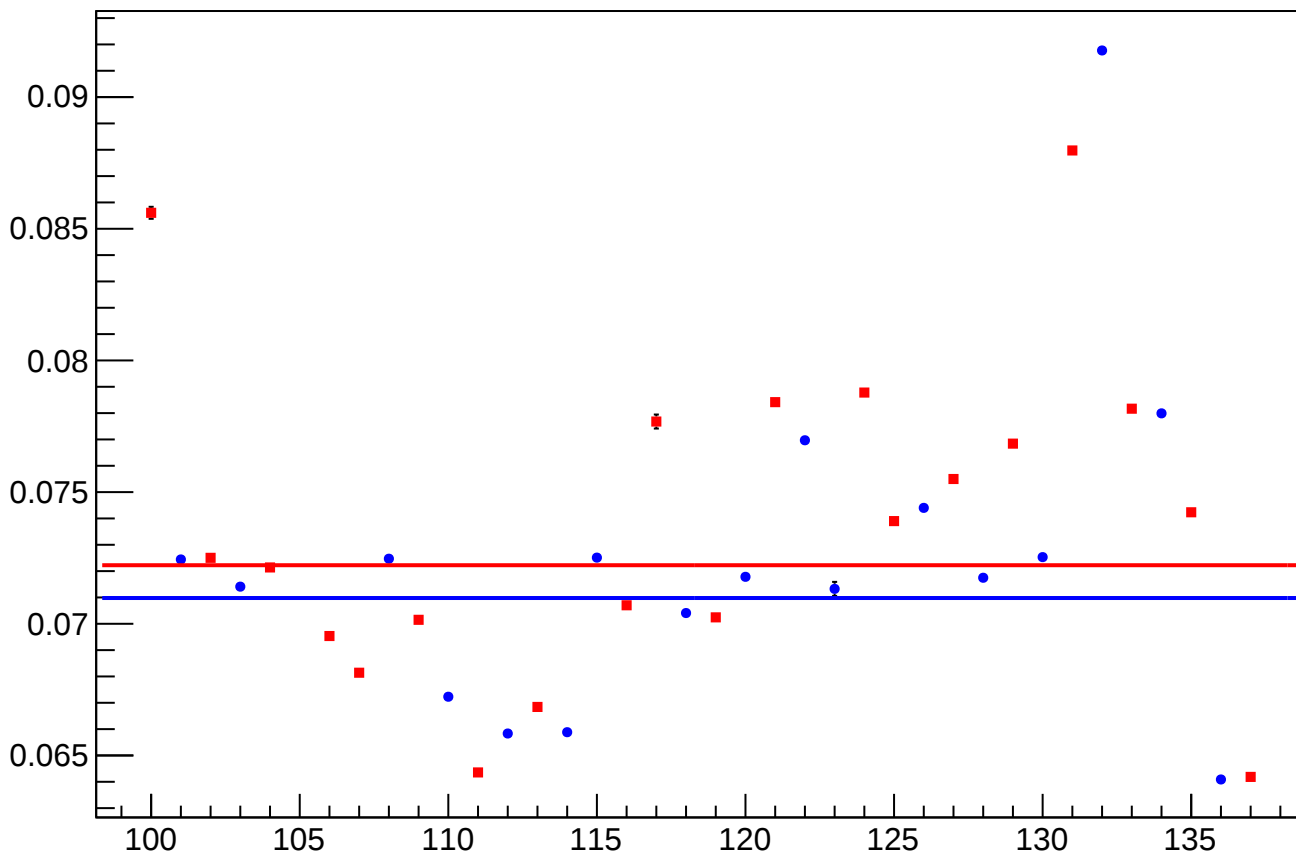
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.212+/-0.000 χ^2/NDF : 1992853443.9/16

-1.348+/-0.000 χ^2/NDF : 3620222378.8/30

-1.481+/-0.000 χ^2/NDF : 1579722113.8/19

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: 0.072+/-0.000 χ^2/NDF : 73650.9/19

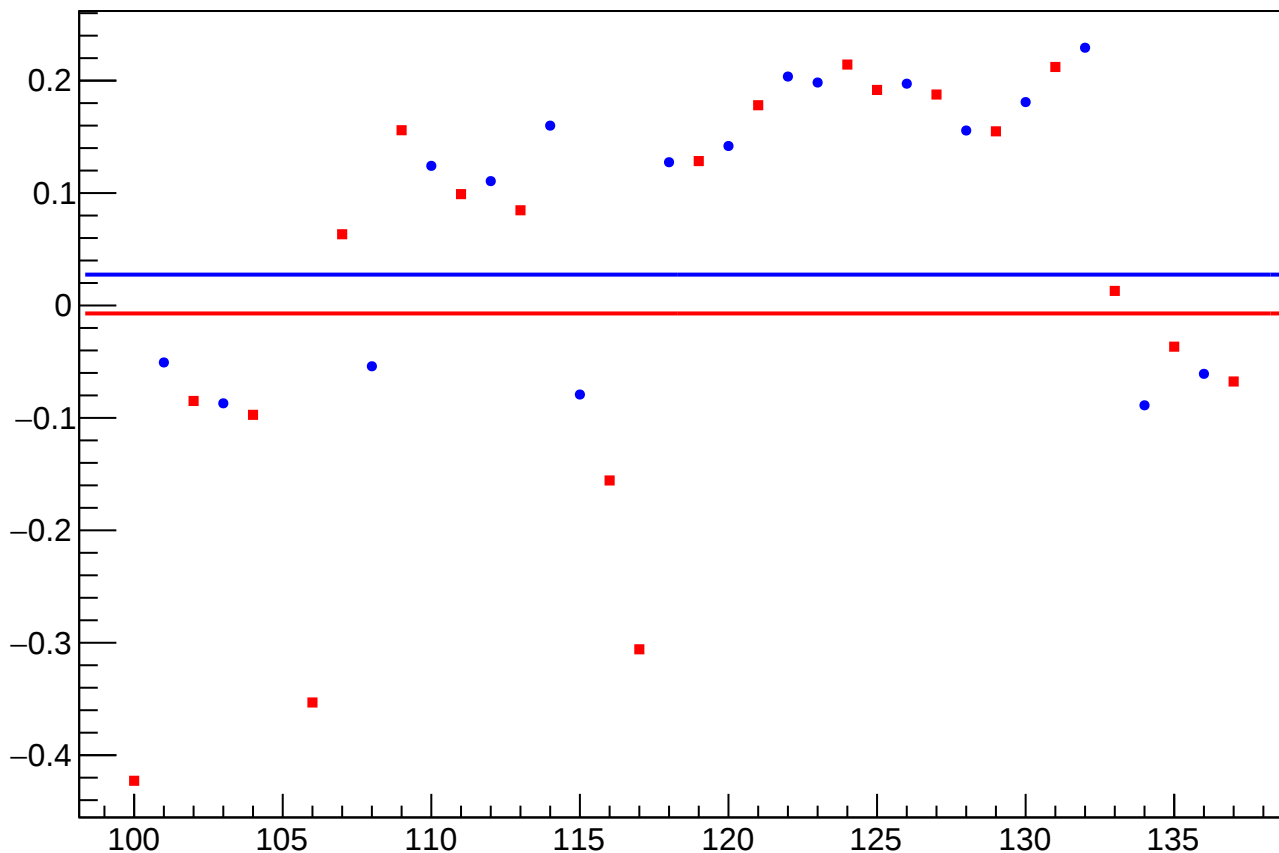
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 77589.5/16

0.072+/-0.000 χ^2/NDF : 153292.1/36

0.072+/-0.000 χ^2/NDF : 73650.9/19

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: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

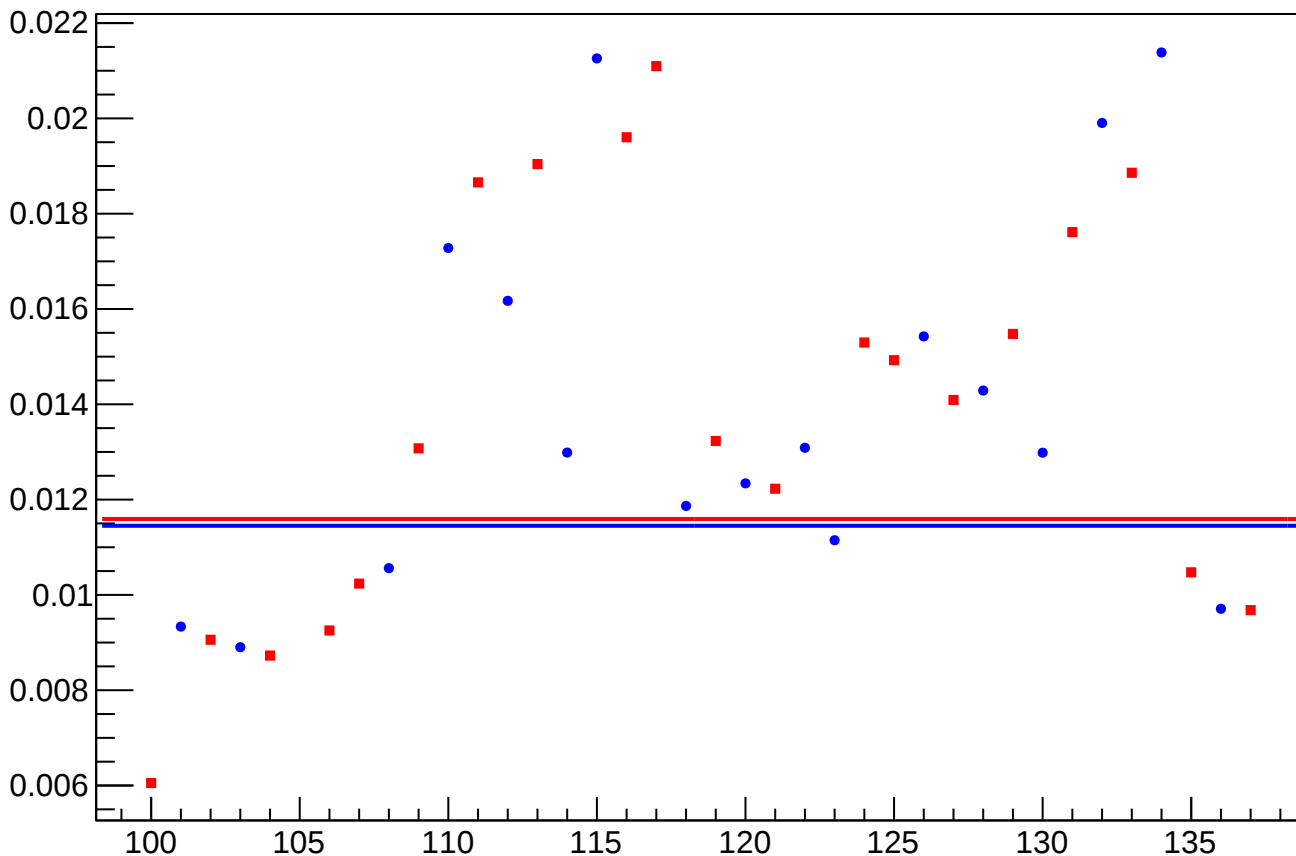
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 562337631.4/16

0.010+/-0.000 χ^2/NDF : 1795660102.6/36

-0.007+/-0.000 χ^2/NDF : 1207003891.2/19

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 : 1012799.2/19

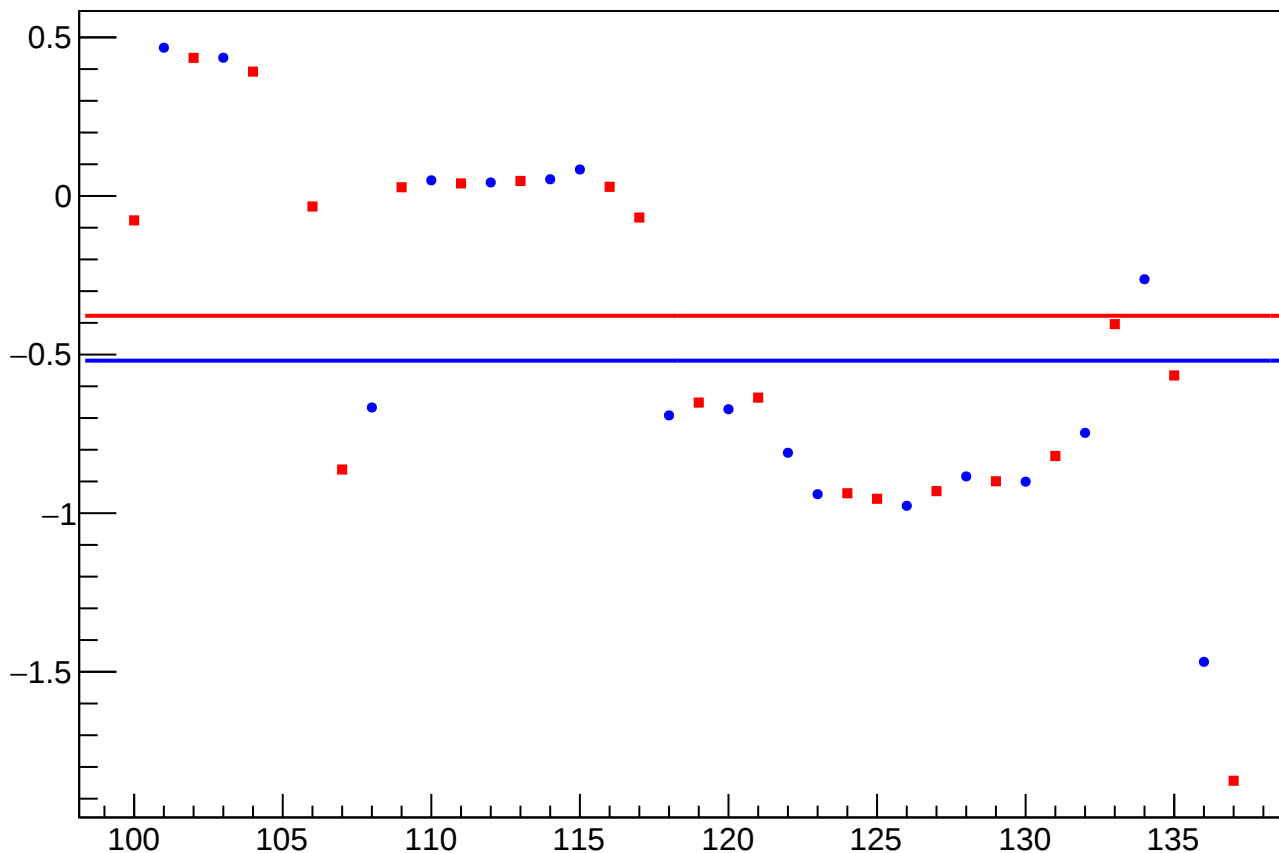
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 679628.0/16

0.012+/-0.000 χ^2/NDF : 1693325.4/36

0.012+/-0.000 χ^2/NDF : 1012799.2/19

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: -0.378+/-0.000 χ^2/NDF : 269130827.6/19

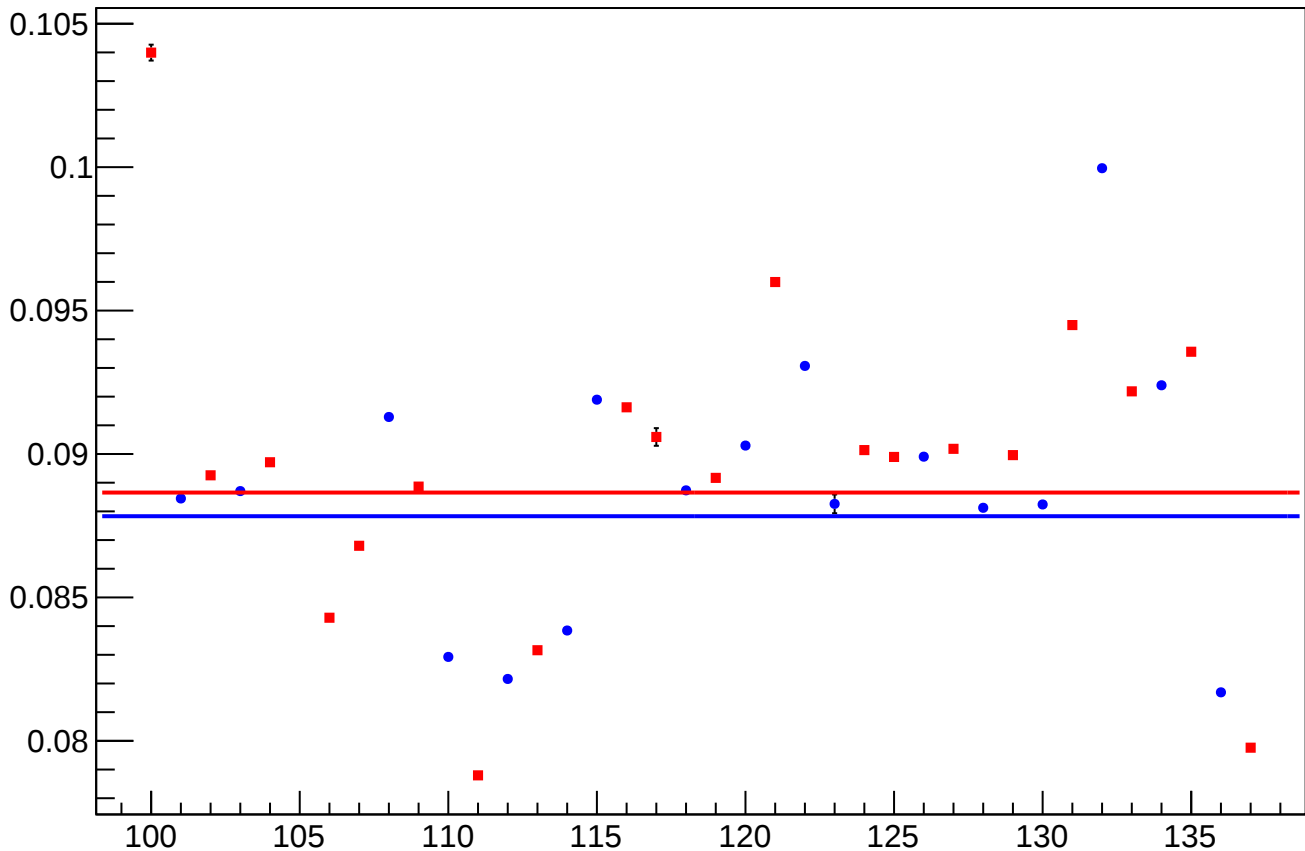
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.519+/-0.000 χ^2/NDF : 339383872.4/16

-0.447+/-0.000 χ^2/NDF : 617392921.3/36

-0.378+/-0.000 χ^2/NDF : 269130827.6/19

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 : 39762.8/19

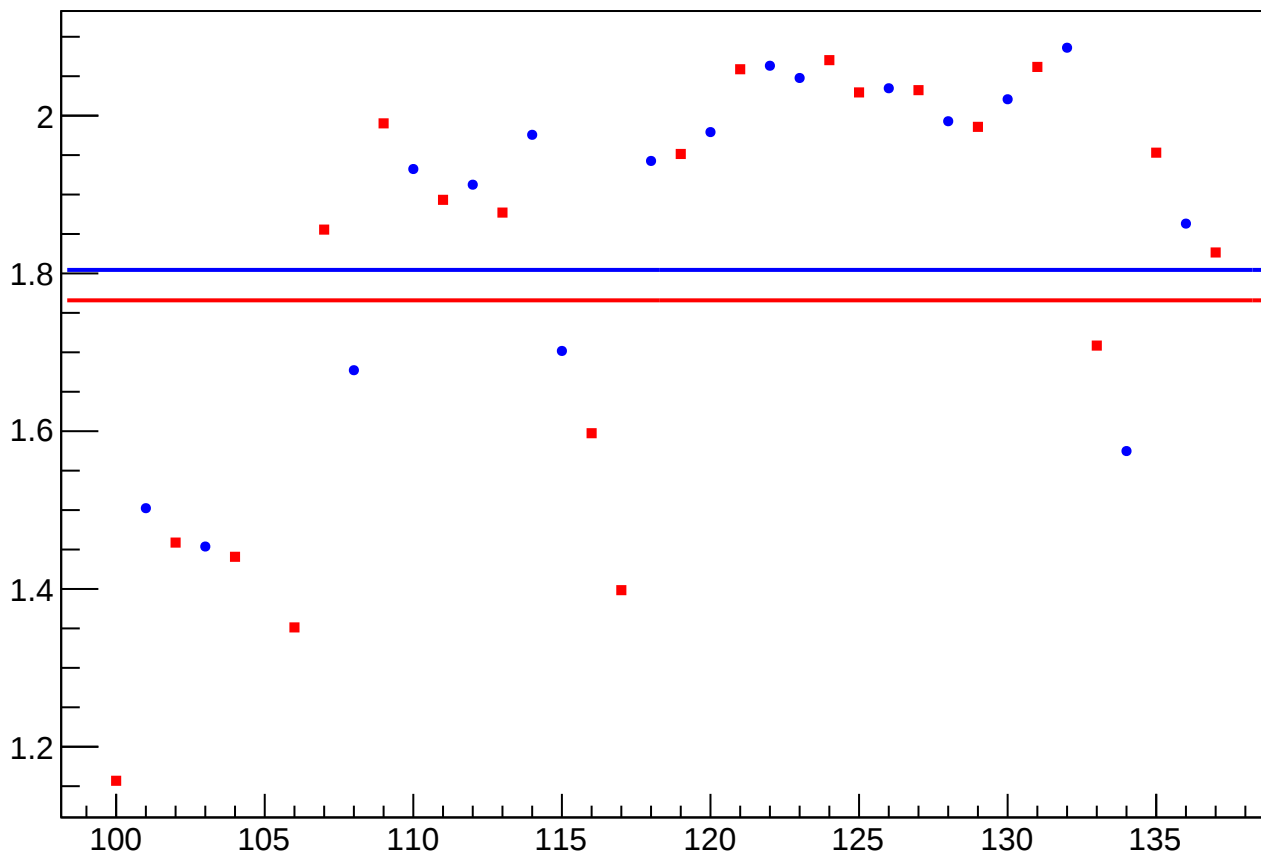
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 34954.4/16

0.088+/-0.000 χ^2/NDF : 75320.6/36

0.089+/-0.000 χ^2/NDF : 39762.8/19

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: 1.766+/-0.000 χ^2/NDF : 1717275187.7/19

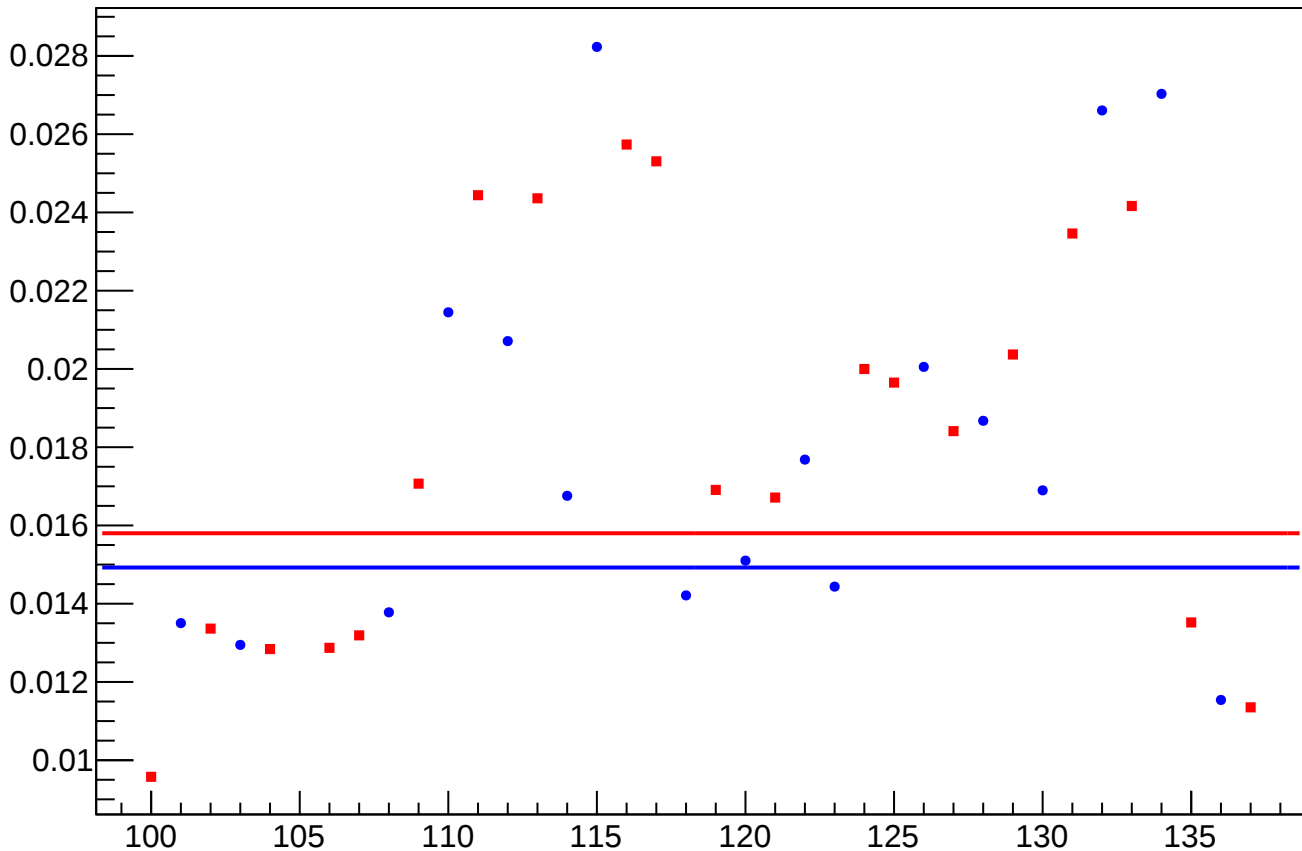
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.804+/-0.000 χ^2/NDF : 1156747883.2/16

1.786+/-0.000 χ^2/NDF : 2892647064.3/36

1.766+/-0.000 χ^2/NDF : 1717275187.7/19

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 : 796839.8/19

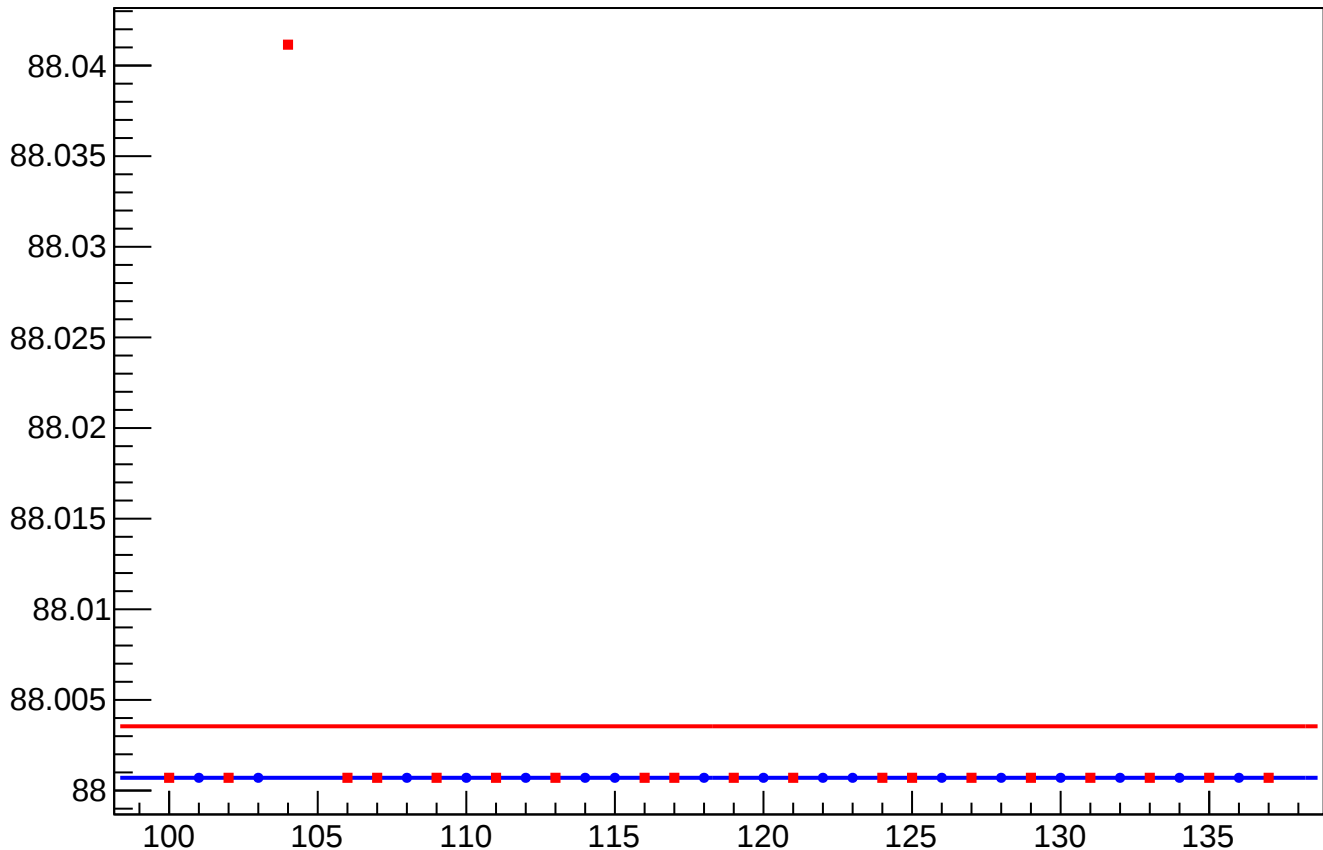
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 643651.9/16

0.015+/-0.000 χ^2/NDF : 1459696.5/36

0.016+/-0.000 χ^2/NDF : 796839.8/19

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

Right Out: 88.004+/-0.000 χ^2/NDF : 77578366411928007427611426816.0/19

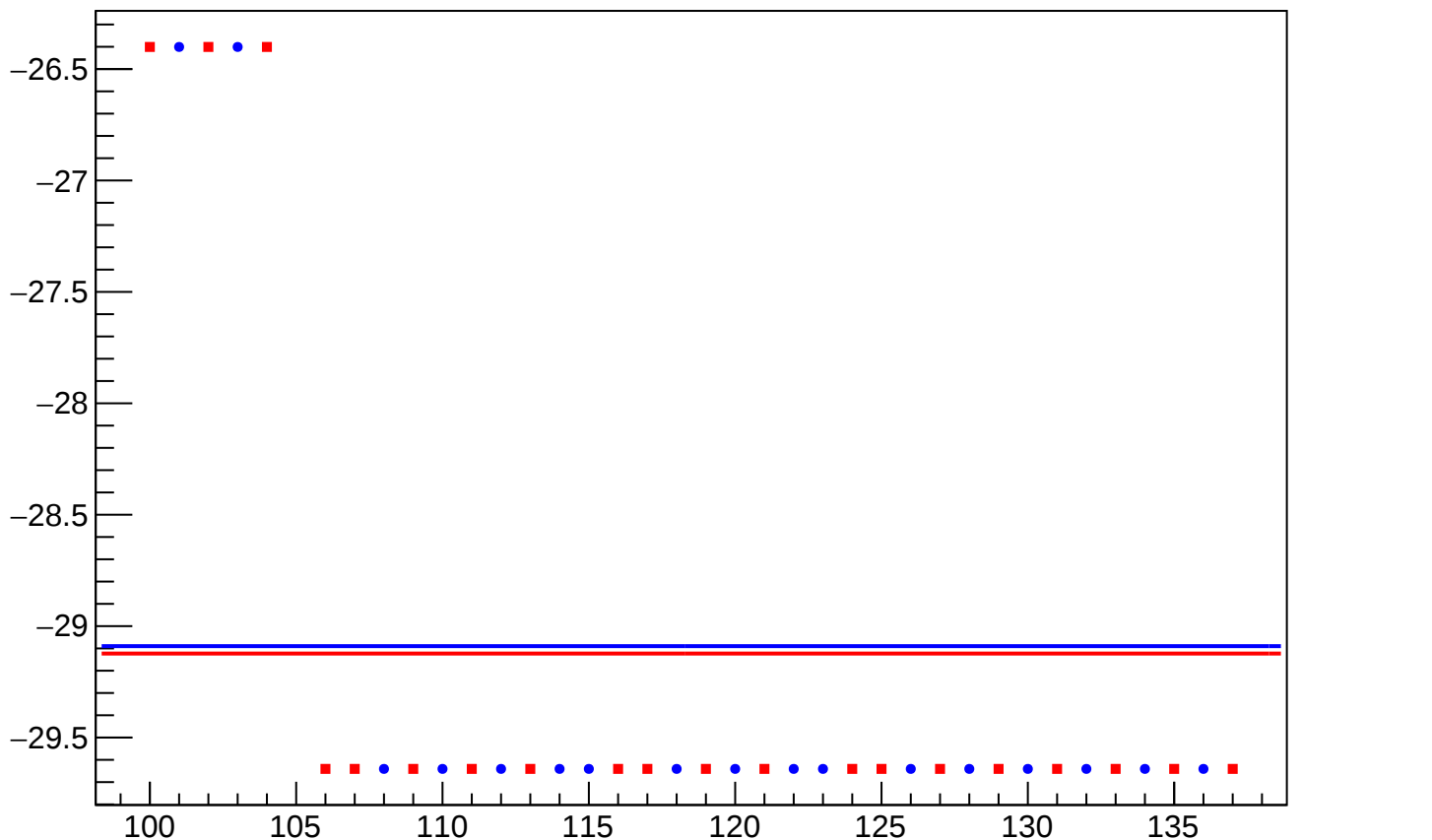
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.001+/-0.000 χ^2/NDF : 1852068.7/16

88.002+/-0.000 χ^2/NDF : 8044305989216

88.004+/-0.000 χ^2/NDF : 775783664119280074

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: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19

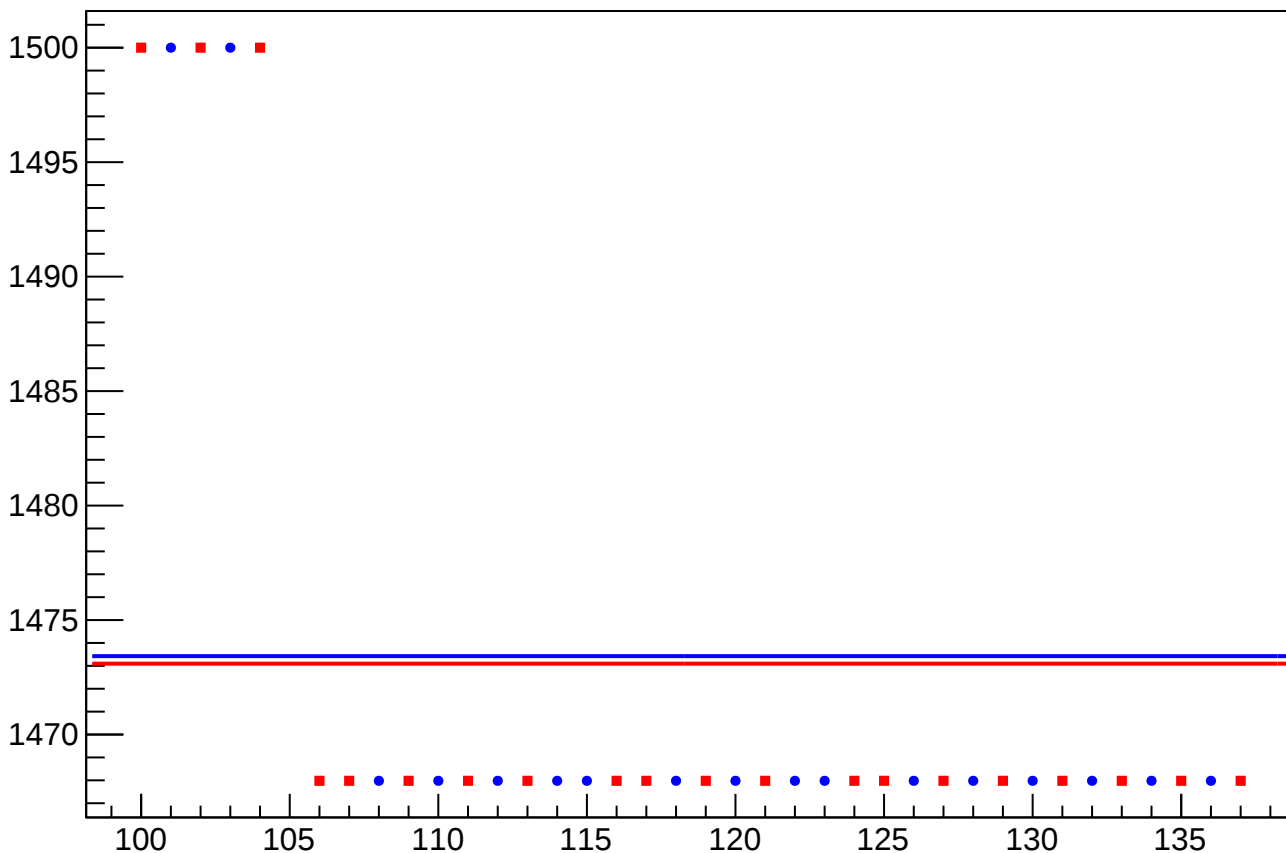
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.090+/-0.000 χ^2/NDF : 10280992461095219

-29.107+/-0.000 χ^2/NDF : 205164502985

-29.123+/-0.000 χ^2/NDF : 10231545123967022

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

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

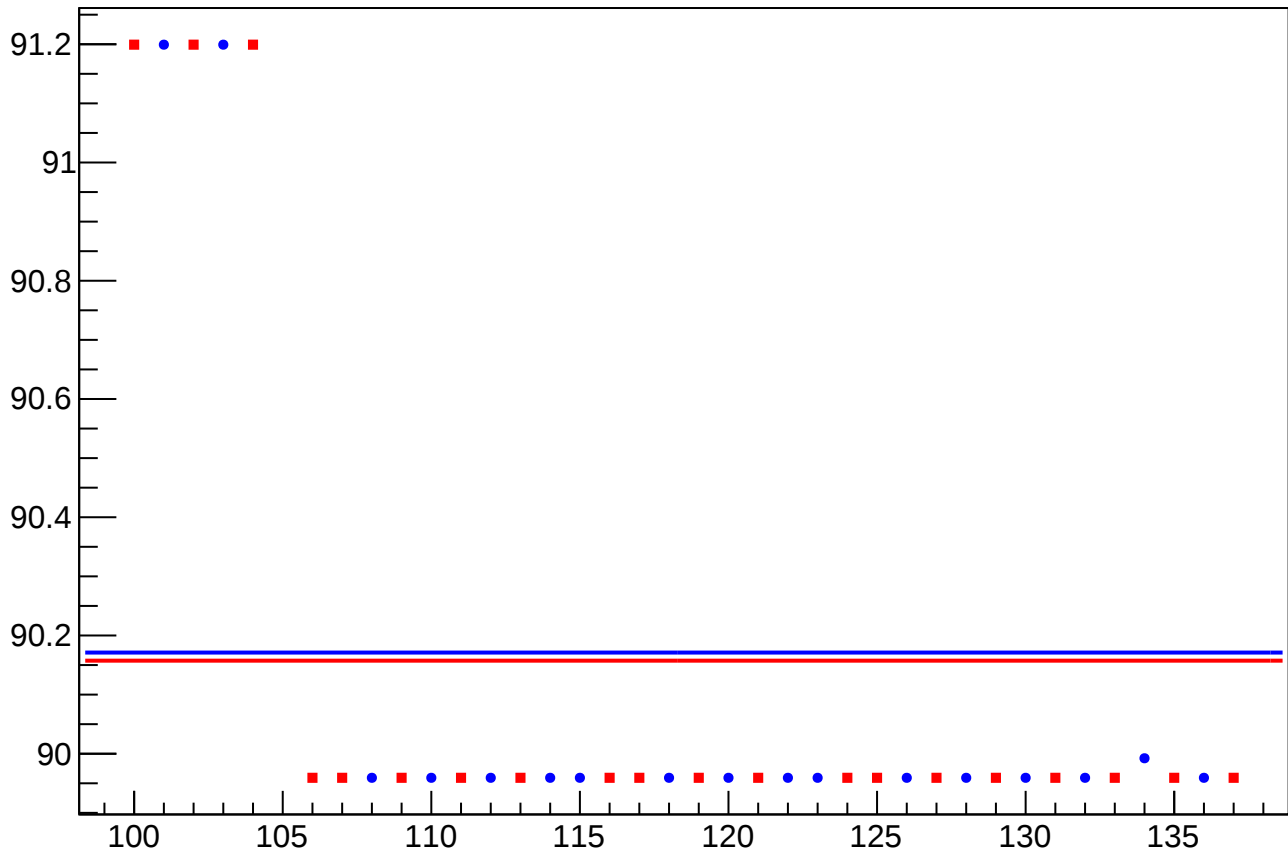
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1473.424+/-0.000 χ^2/NDF : 1004212958282455

1473.256+/-0.000 χ^2/NDF : 20039782468

1473.096+/-0.000 χ^2/NDF : 9993831077709961

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: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

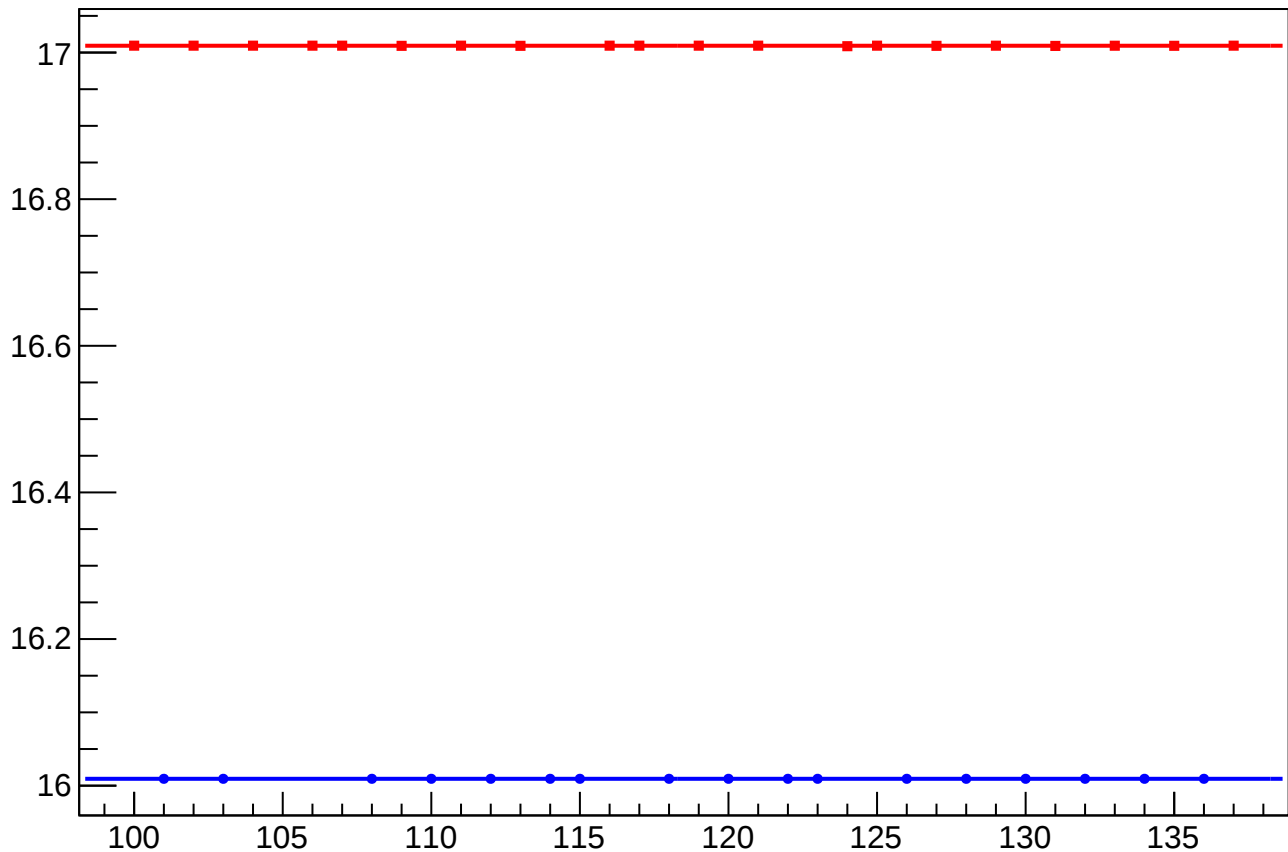
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.171+/-0.000 χ^2/NDF : 150316905454500935857801185460224.0/16

90.164+/-0.000 χ^2/NDF : 3002466419898

90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

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

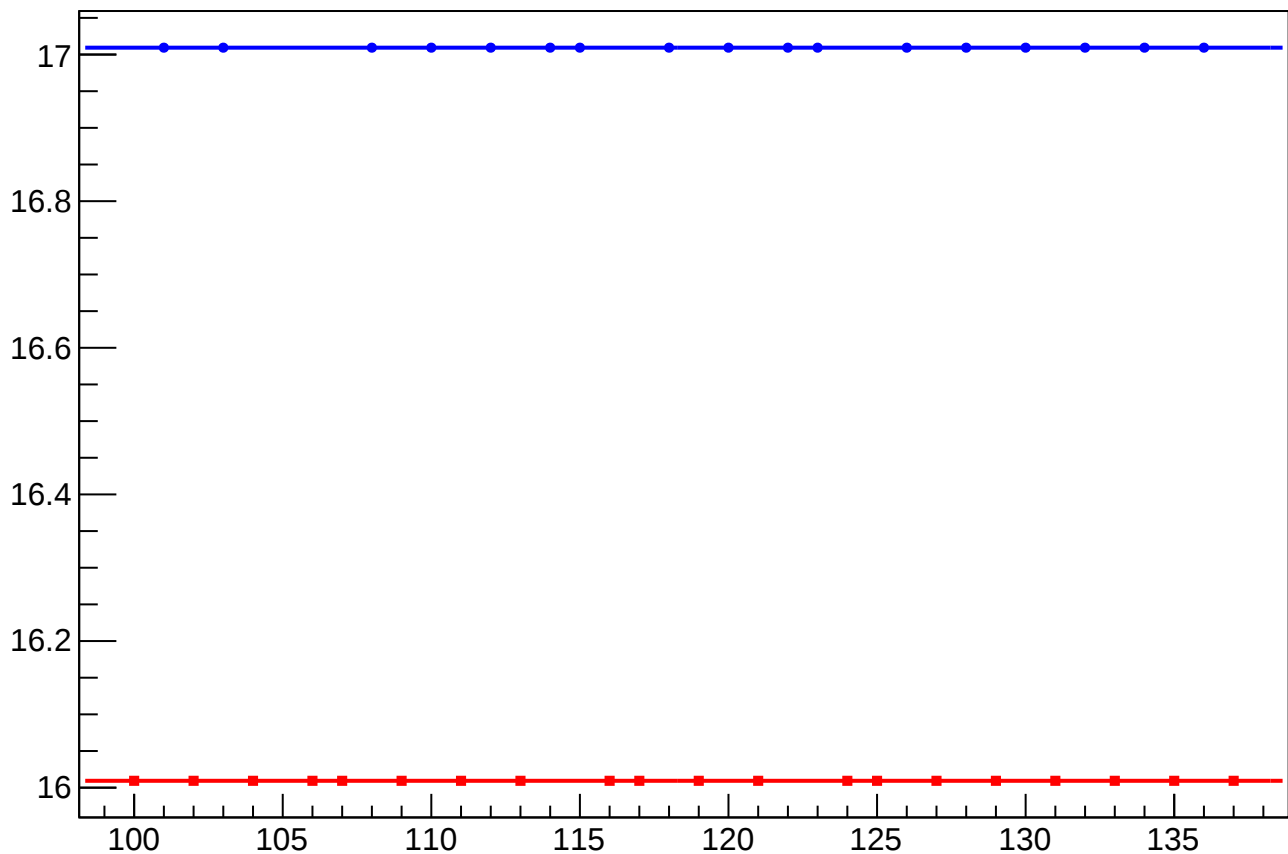
16.508+/-0.000 χ^2/NDF : 3299374300084

Right Out: 17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

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: 42750.0/19

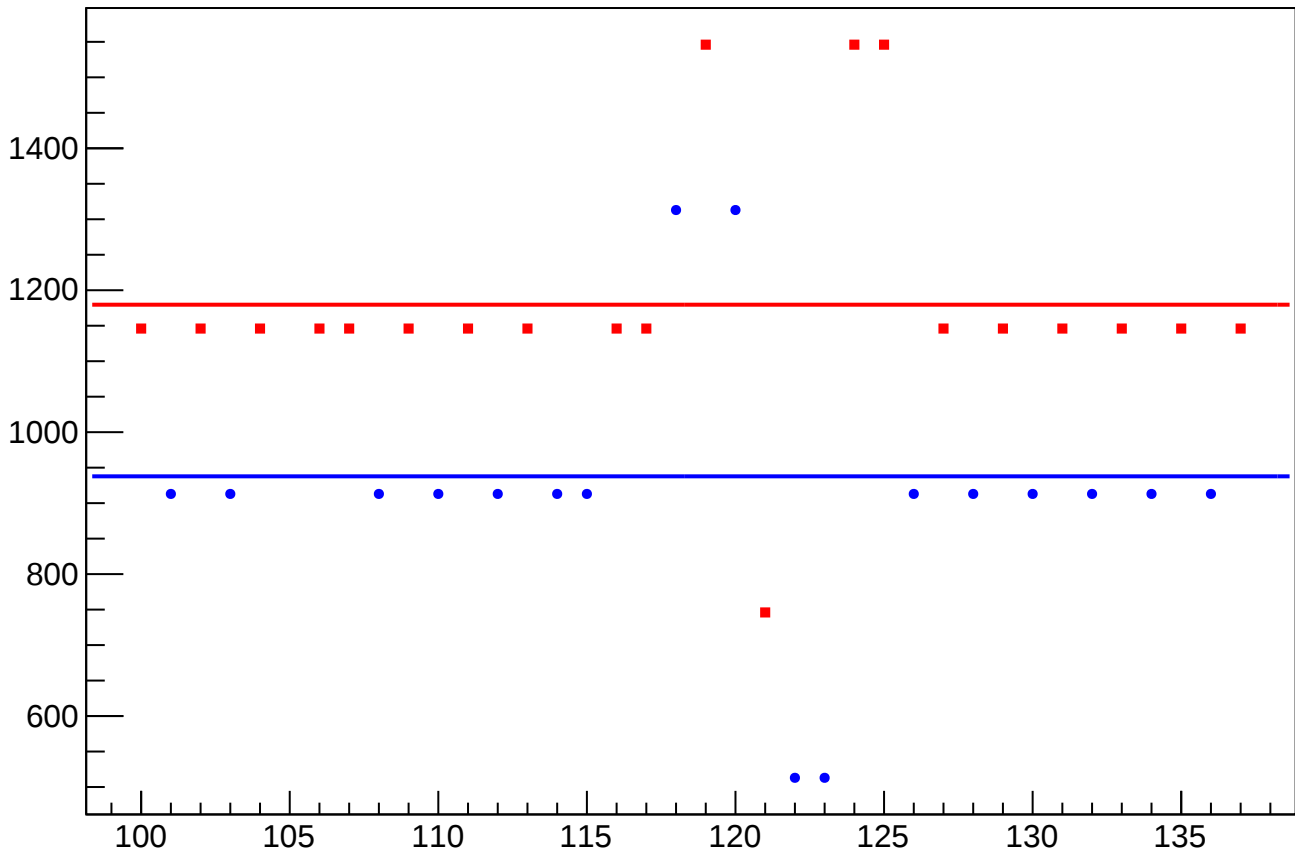
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.009+/-0.000 χ^2 /NDF: 132629.6/16

16.489+/-0.000 χ^2 /NDF: 3446618392469

16.009+/-0.000 χ^2 /NDF: 42750.0/19

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

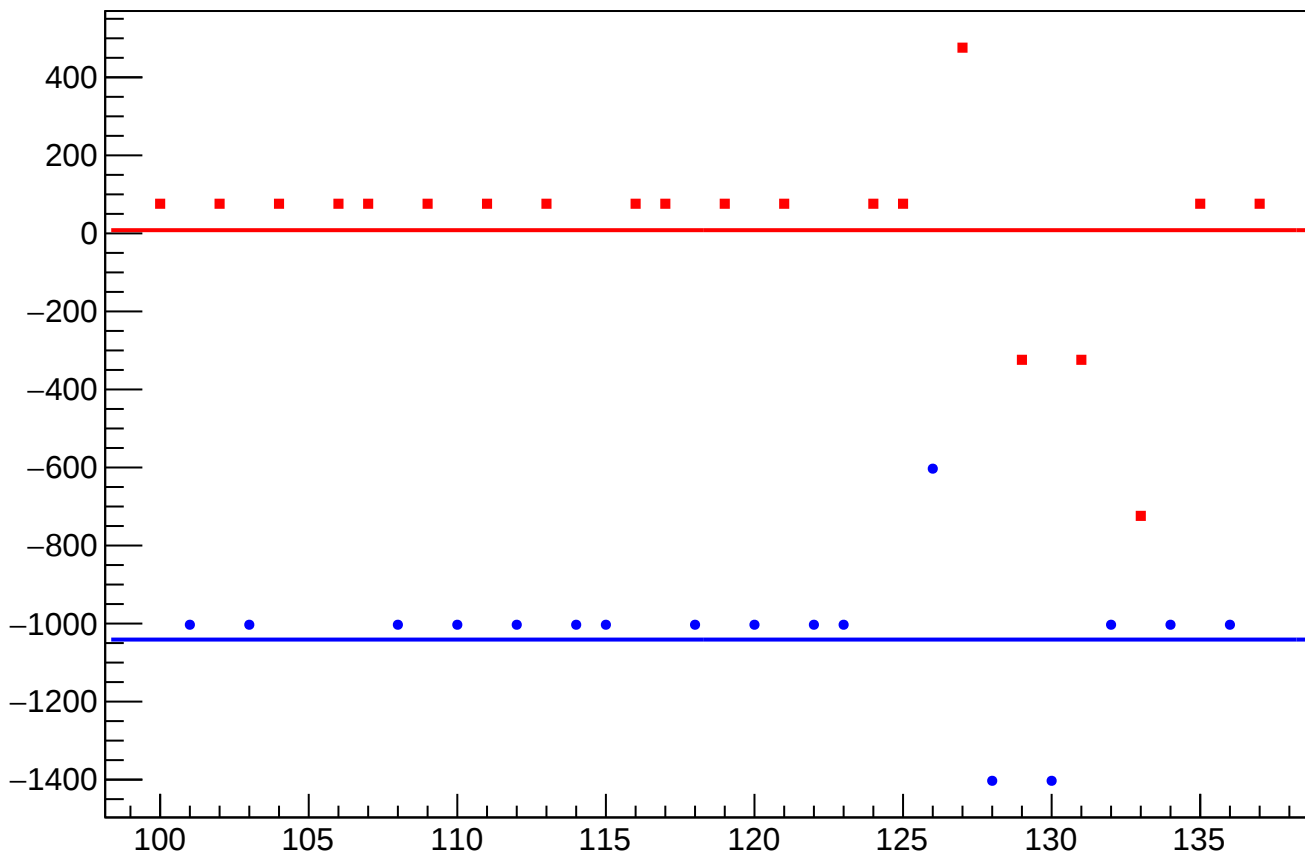
1061.424+/-0.000 χ^2/NDF : 63027824518

Right Out: 1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

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: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

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

-1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

-504.572+/-0.000 χ^2/NDF : 45718578823010279424.0/19

8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19