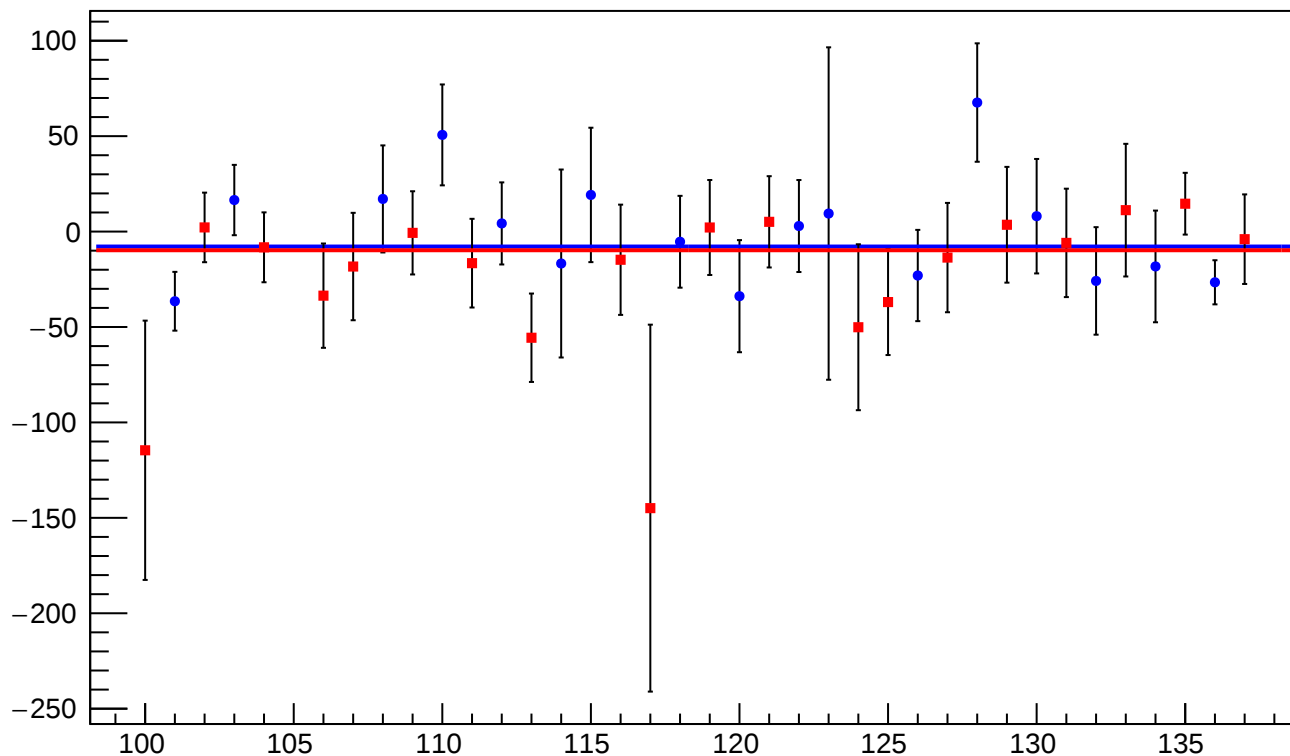


diff_bpm4aX_mean vs Slug



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

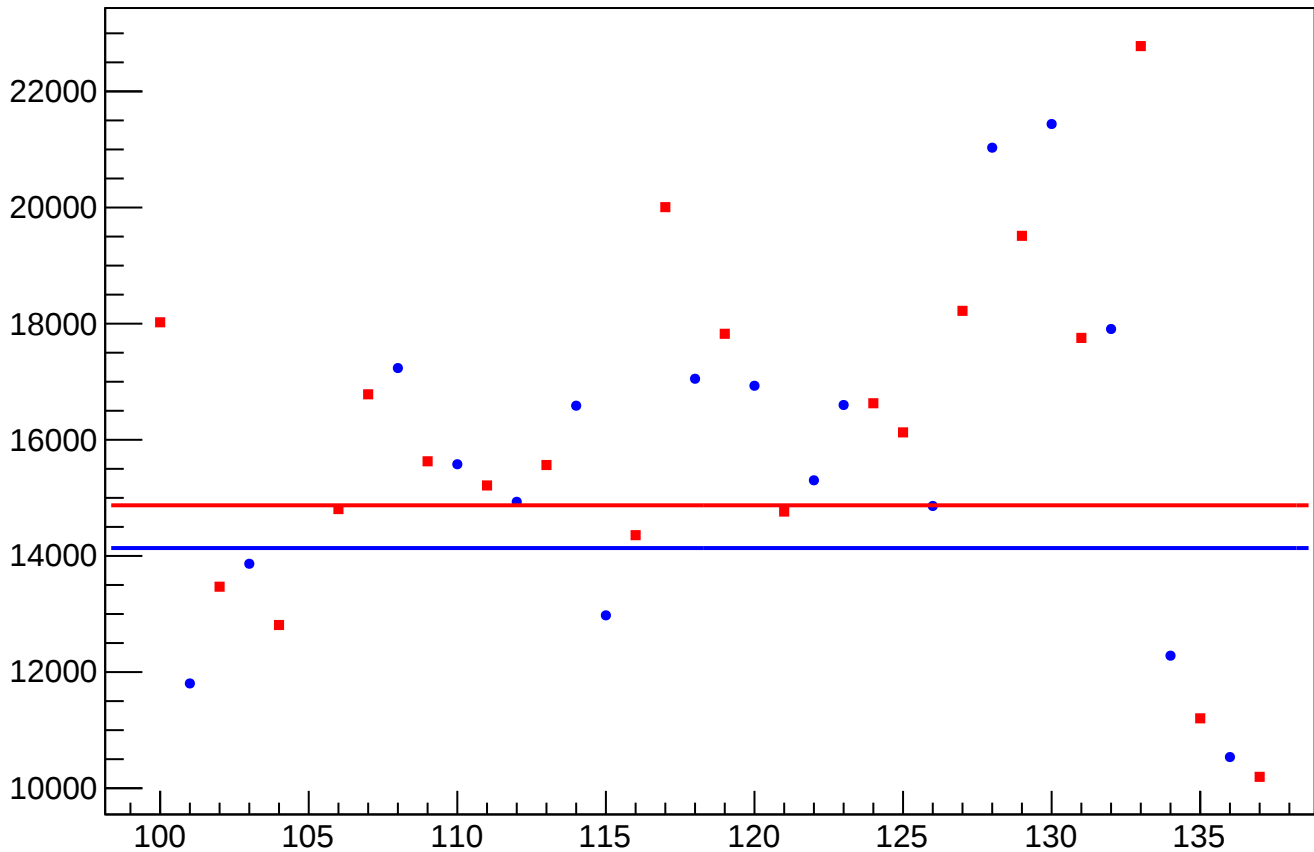
-7.841+/-5.608

χ^2/NDF : 22.6/16

-9.781+/-5.667

χ^2/NDF : 15.2/19

diff_bpm4aX_rms vs Slug



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

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

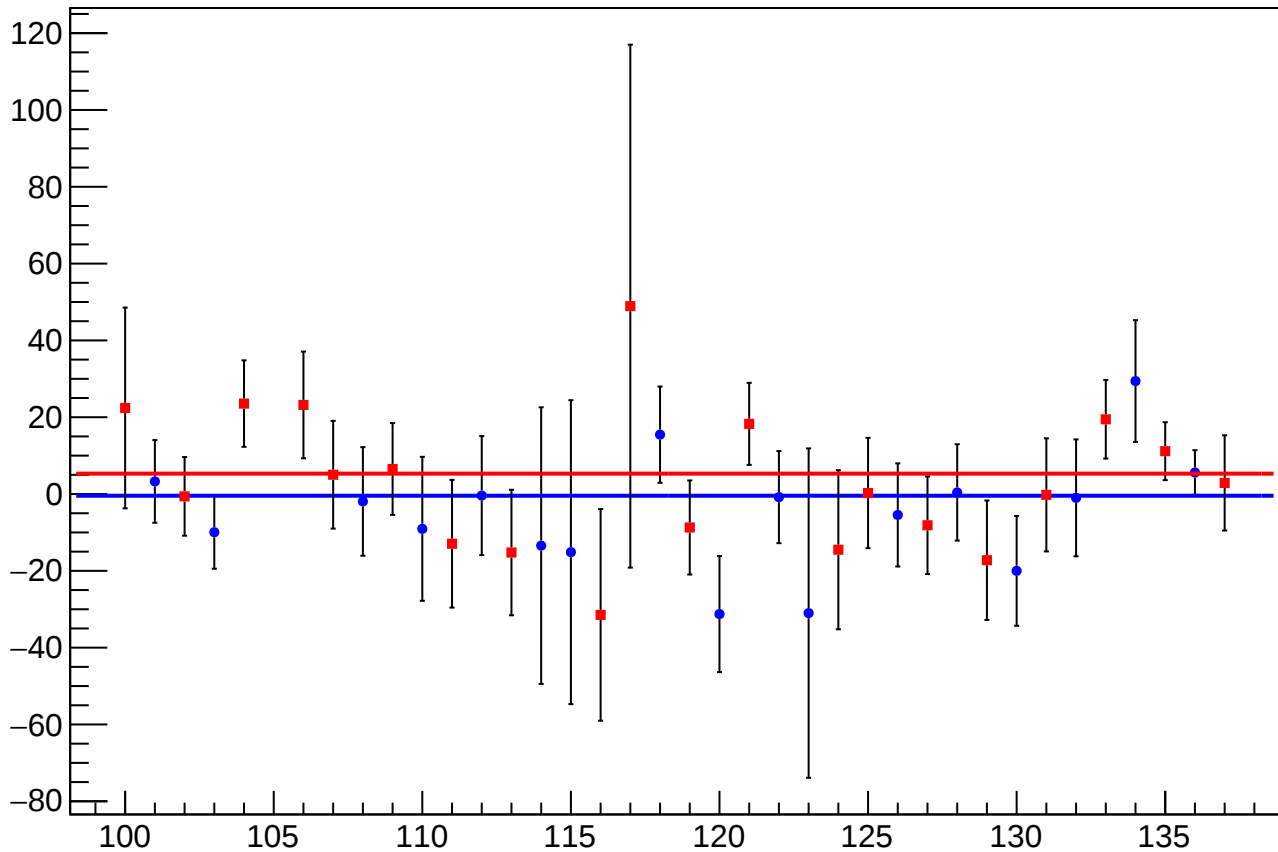
14135.800+/-3.966 χ^2/NDF : 597179.4/16

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

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

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

diff_bpm4aY_mean vs Slug



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

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

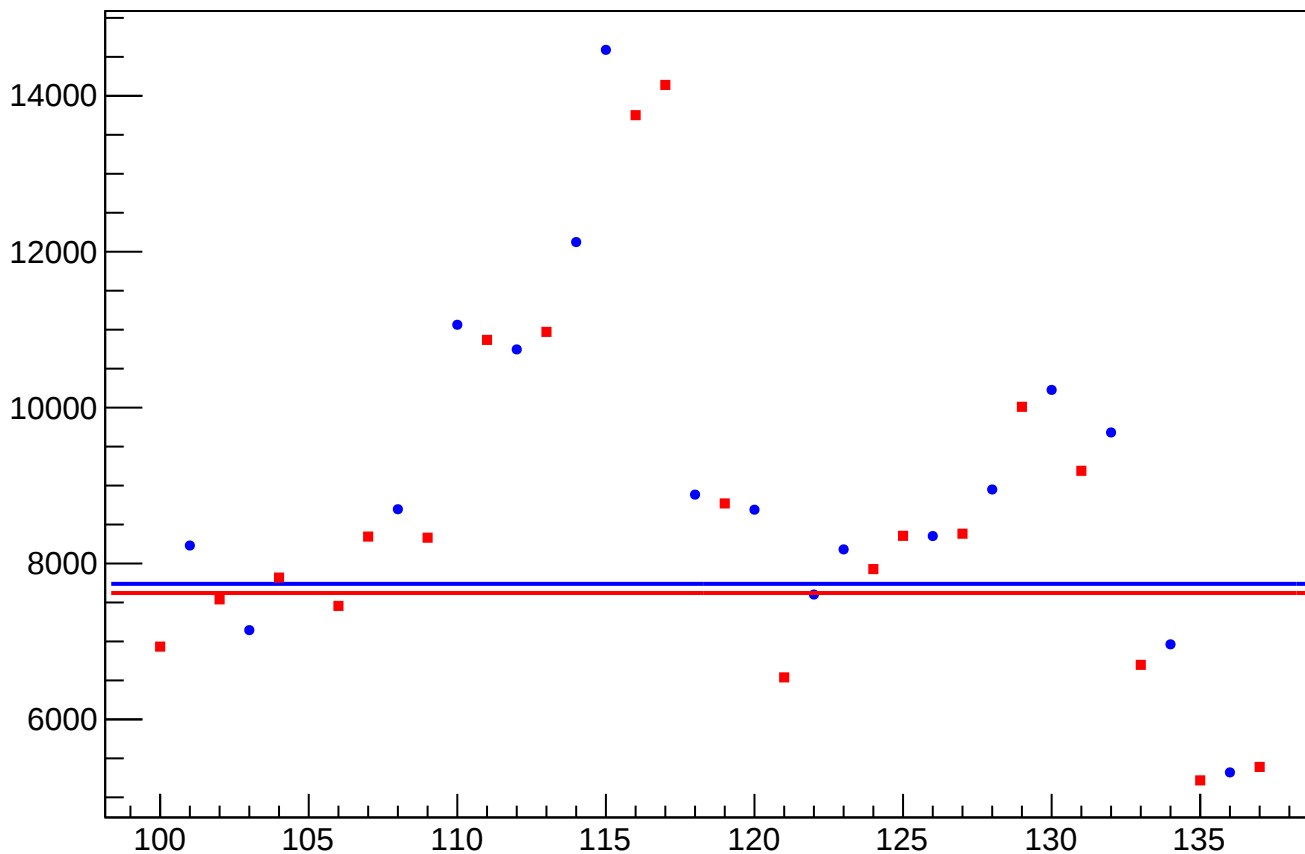
Right Out: 5.310 ± 2.933 χ^2/NDF : 19.8/19

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

-0.441 ± 3.071 χ^2/NDF : 14.5/16

5.310 ± 2.933 χ^2/NDF : 19.8/19

diff_bpm4aY_rms vs Slug



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

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

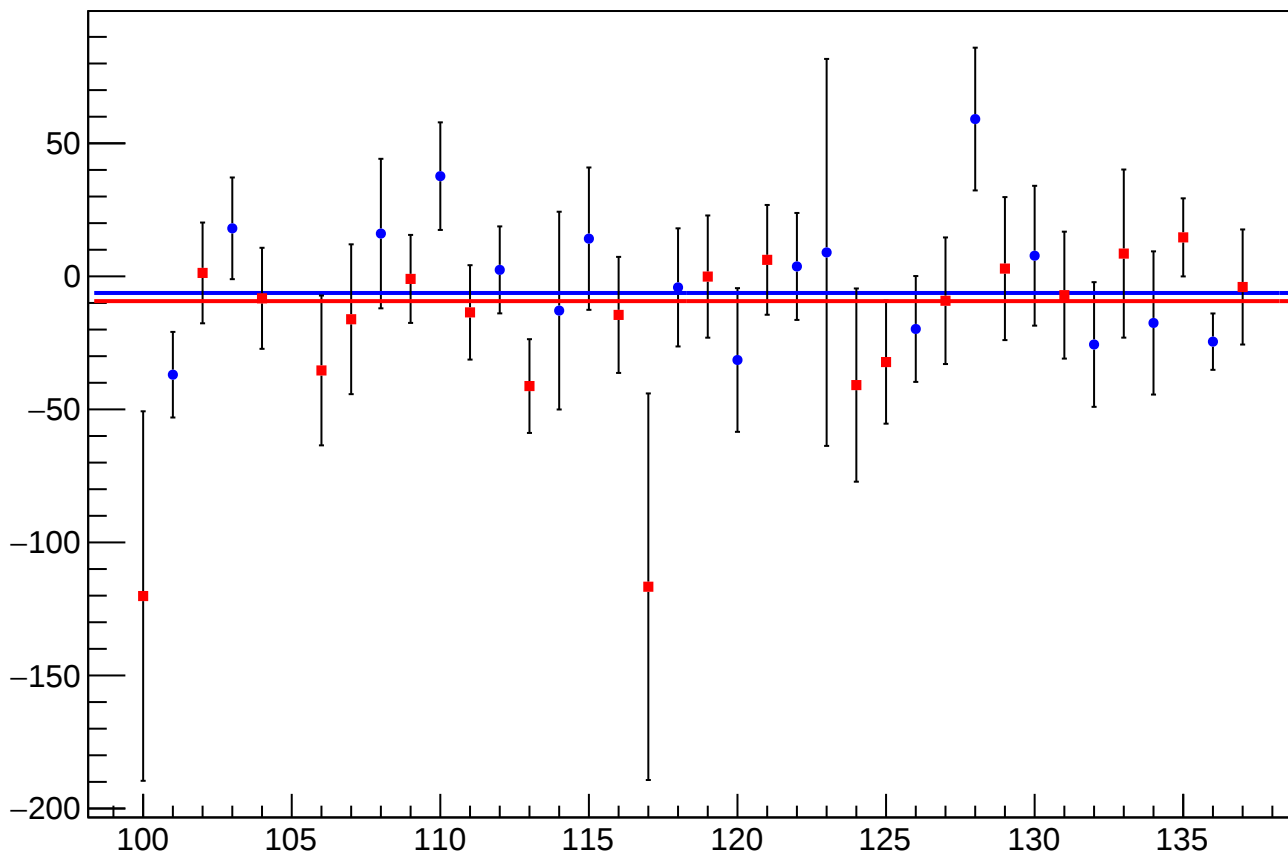
Right Out: 7621.652+/-2.074 χ^2/NDF : 697548.6/19

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

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

7621.652+/-2.074 χ^2/NDF : 697548.6/19

diff_bpm4eX_mean vs Slug



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

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

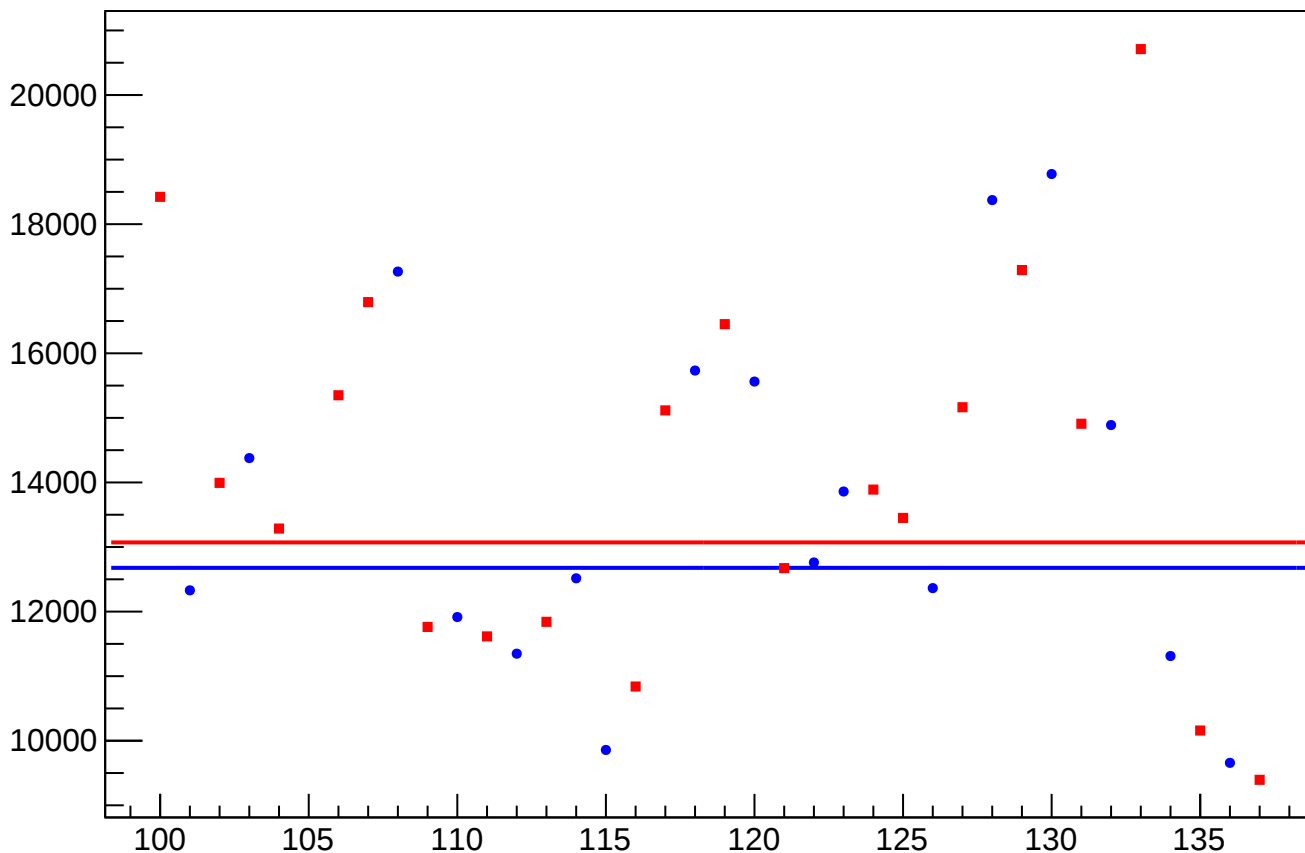
Right Out: -9.310+/-4.987 χ^2/NDF : 15.3/19

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

-6.244+/-5.017 χ^2/NDF : 23.2/16

-9.310+/-4.987 χ^2/NDF : 15.3/19

diff_bpm4eX_rms vs Slug



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

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

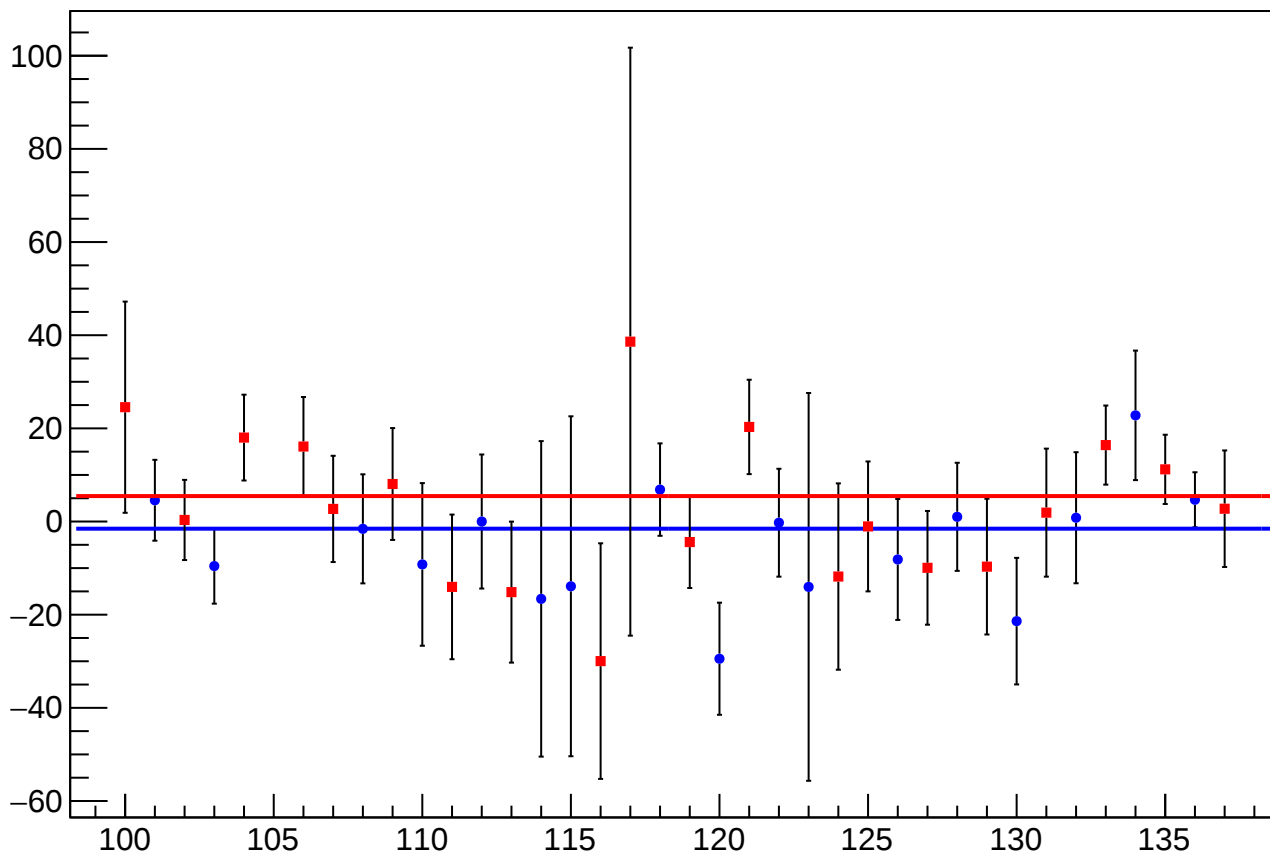
Right Out: 13071.522+/-3.527 χ^2/NDF : 499021.5/19

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

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

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

diff_bpm4eY_mean vs Slug



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

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

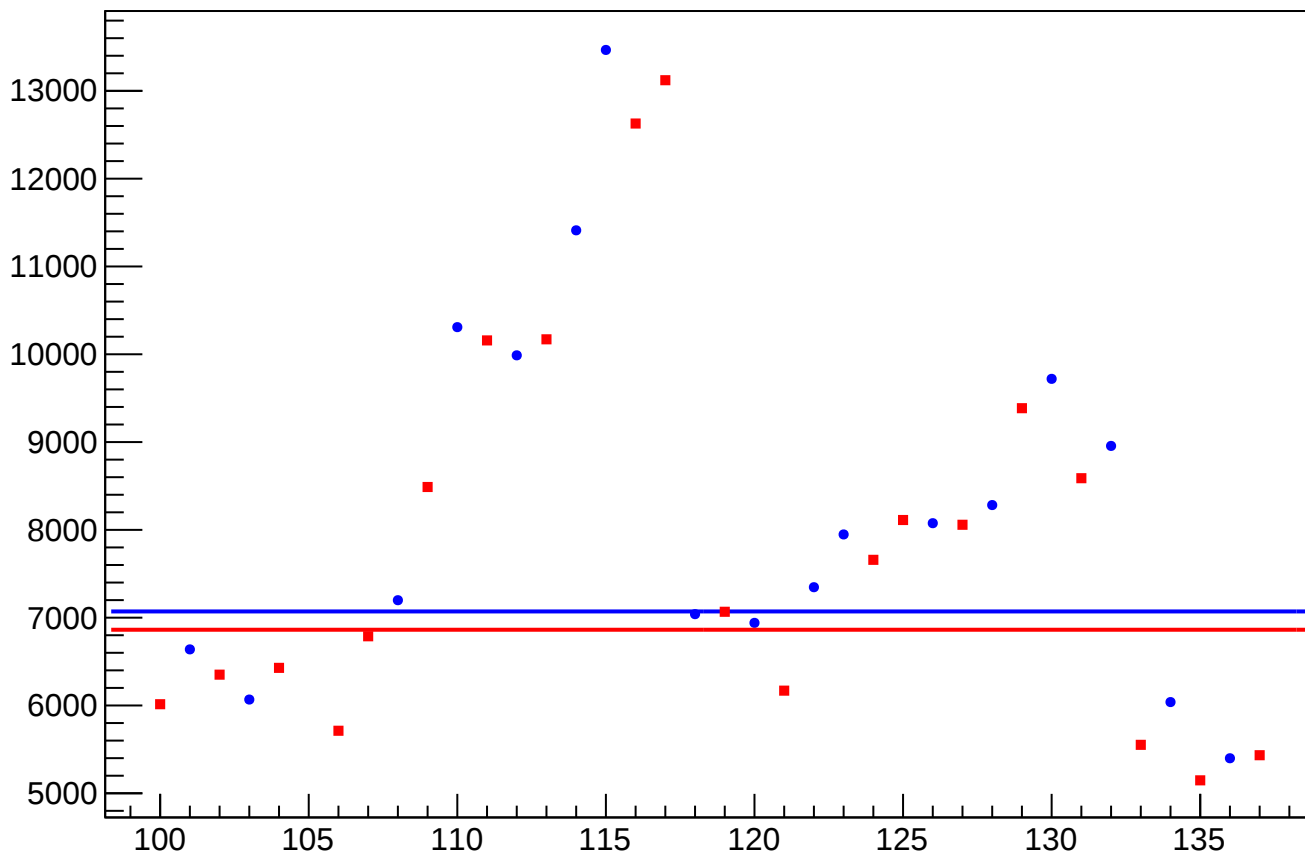
Right Out: 5.463+/-2.637 χ^2 /NDF: 18.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.538+/-2.790 χ^2 /NDF: 14.8/16

5.463+/-2.637 χ^2 /NDF: 18.9/19

diff_bpm4eY_rms vs Slug



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

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

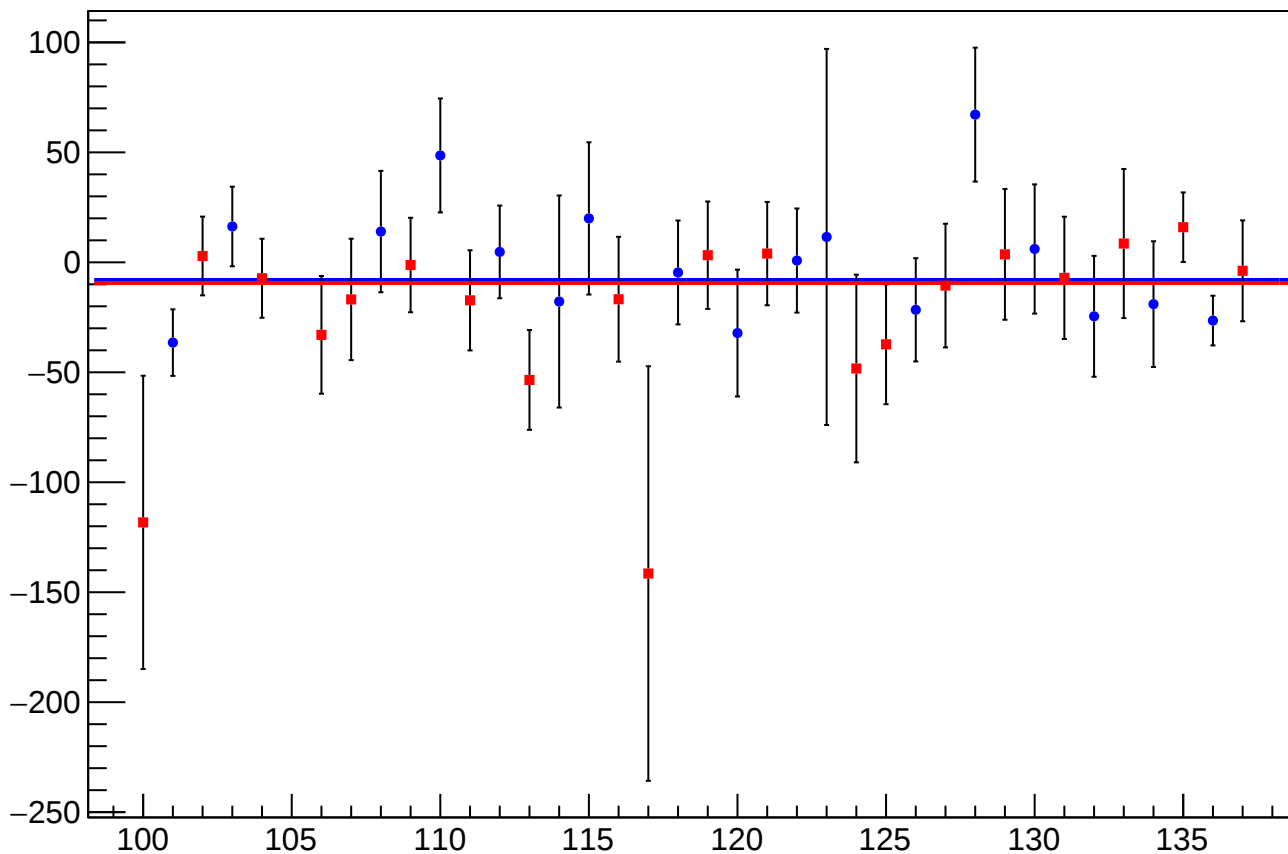
Right Out: 6862.551+/-1.865 χ^2/NDF : 704099.3/19

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

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

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

diff_bpm4acX_mean vs Slug



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

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

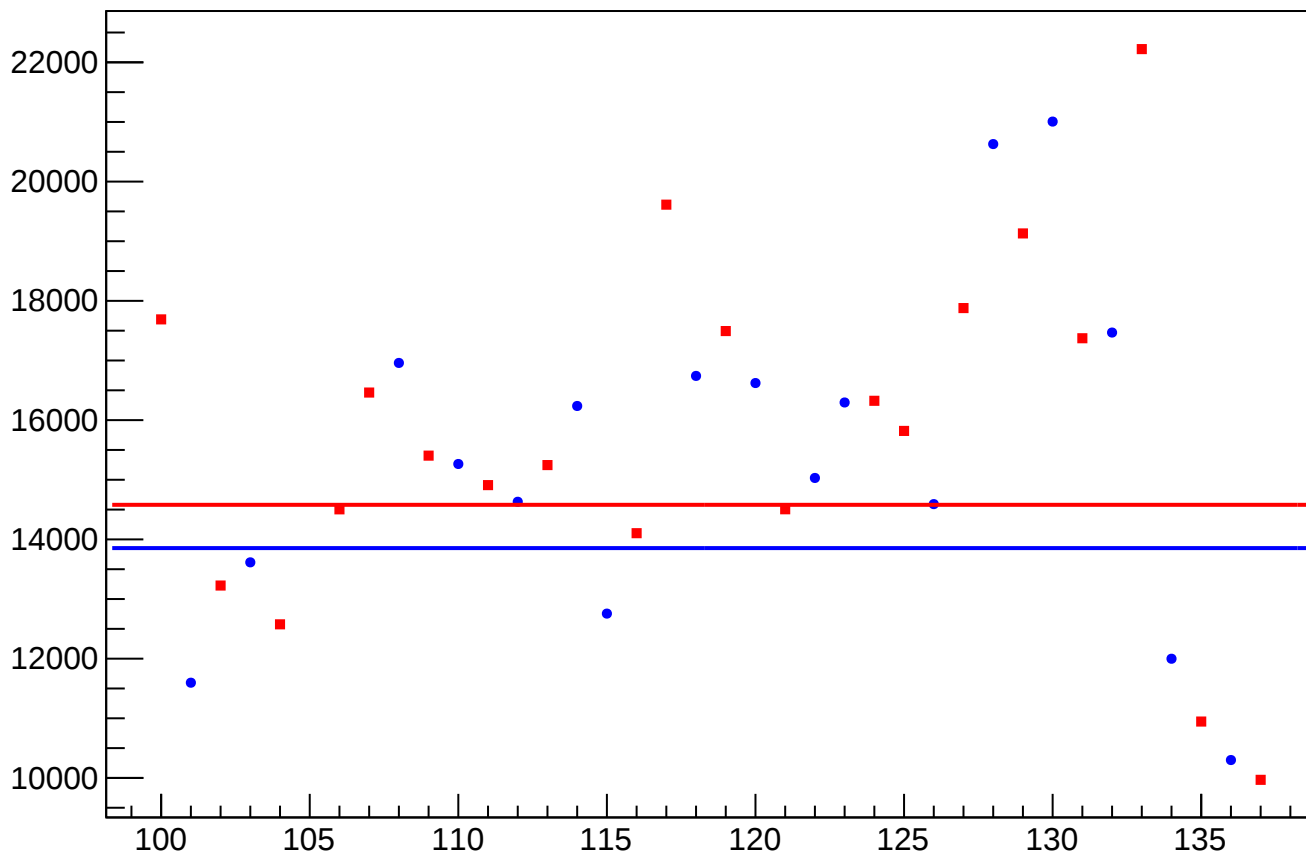
Right Out: -9.368+/-5.556 χ^2 /NDF: 15.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.036+/-5.497 χ^2 /NDF: 22.6/16

-9.368+/-5.556 χ^2 /NDF: 15.7/19

diff_bpm4acX_rms vs Slug



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

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

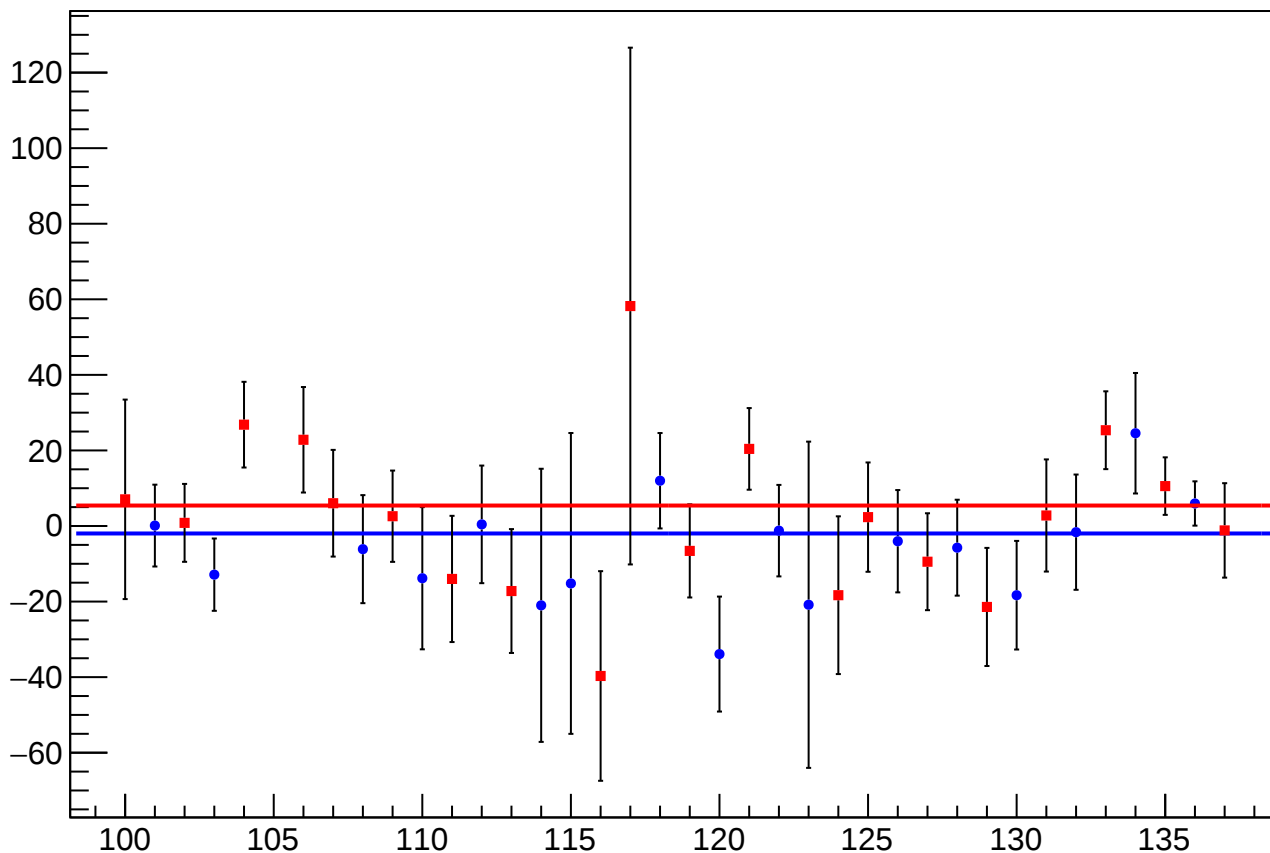
Right Out: 14579.863+/-3.929 χ^2/NDF : 480003.4/19

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

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

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

diff_bpm4acY_mean vs Slug



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

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

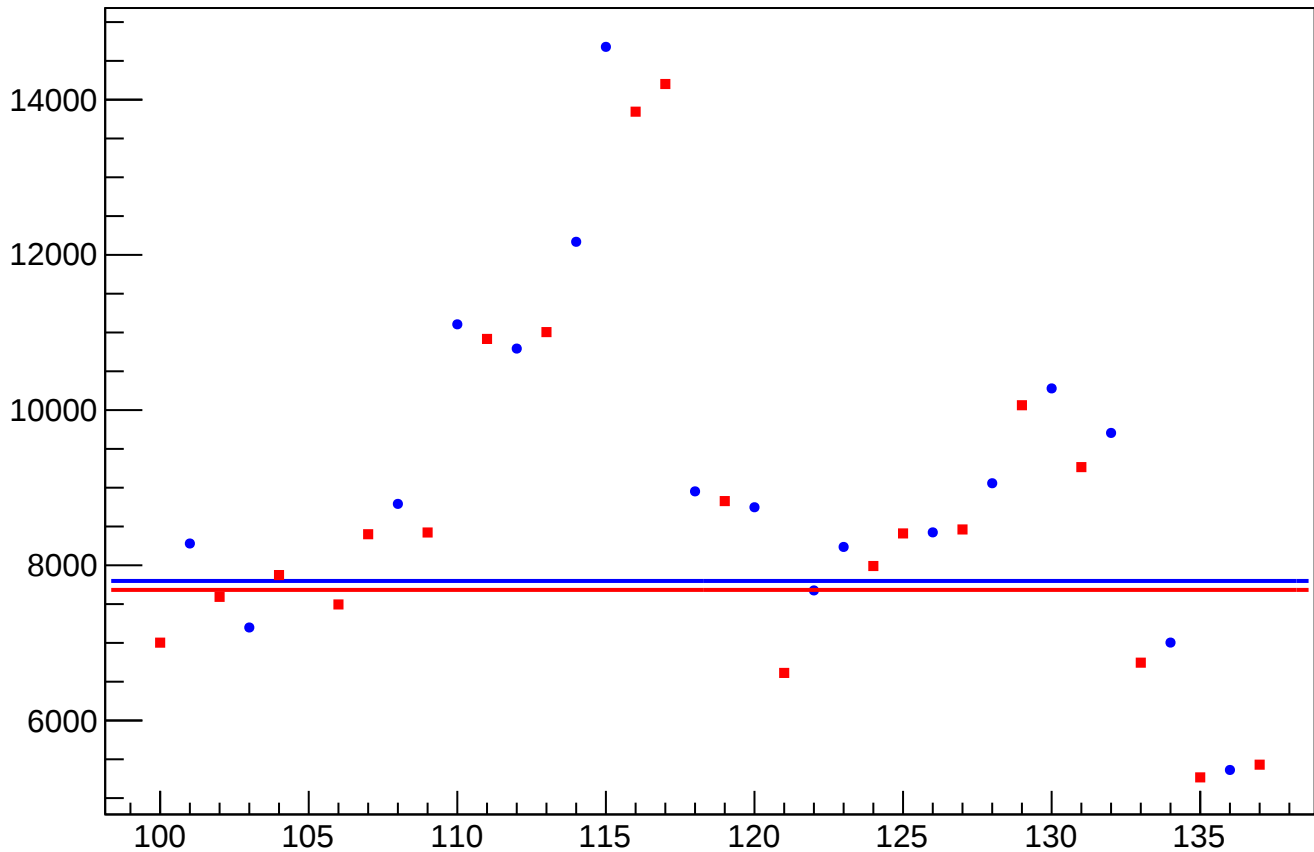
Right Out: 5.417+/-2.956 χ^2/NDF : 24.9/19

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

-1.978+/-3.094 χ^2/NDF : 14.0/16

5.417+/-2.956 χ^2/NDF : 24.9/19

diff_bpm4acY_rms vs Slug



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

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

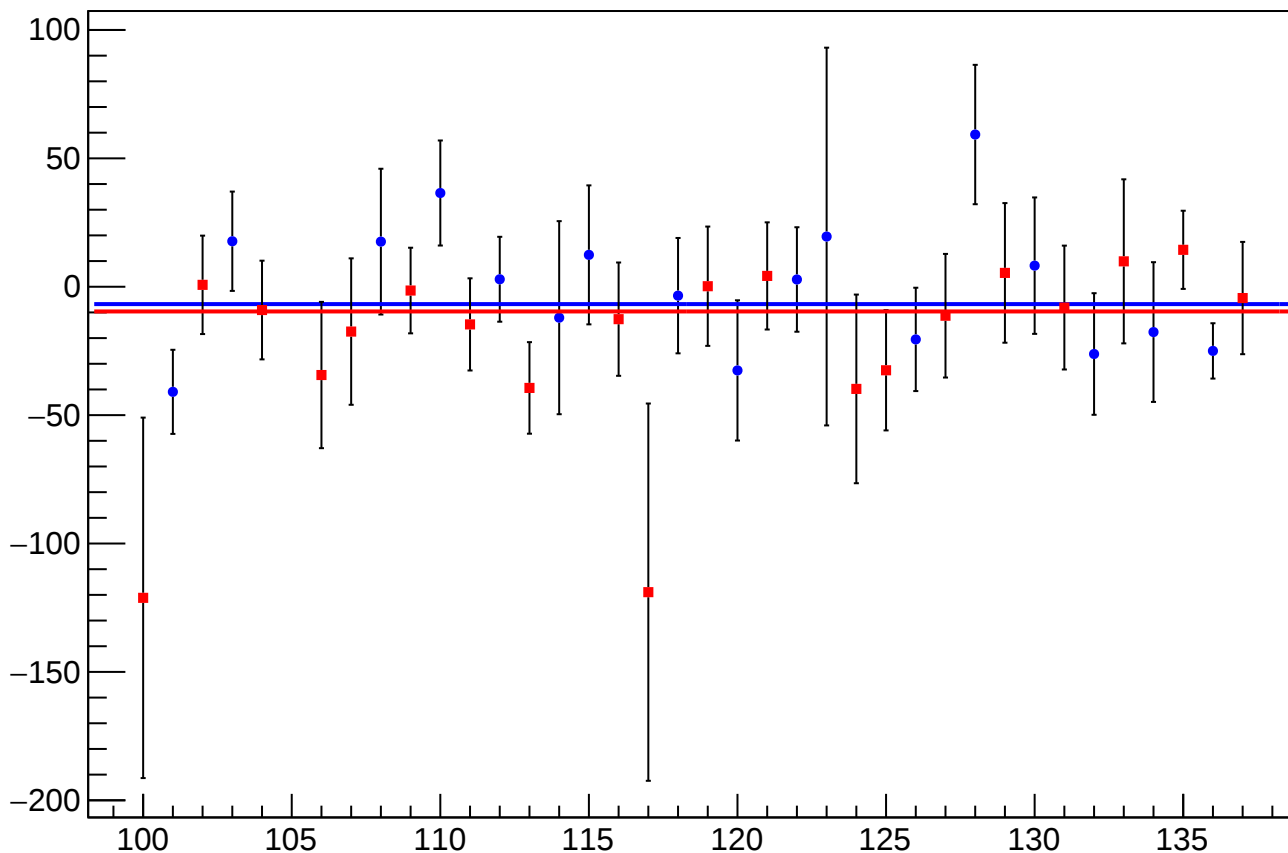
7798.267+/-2.188 χ^2/NDF : 736283.6/16

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

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

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

diff_bpm4ecX_mean vs Slug



Right In: -6.760 $\pm$ 5.085 χ^2 /NDF: 23.7/16

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

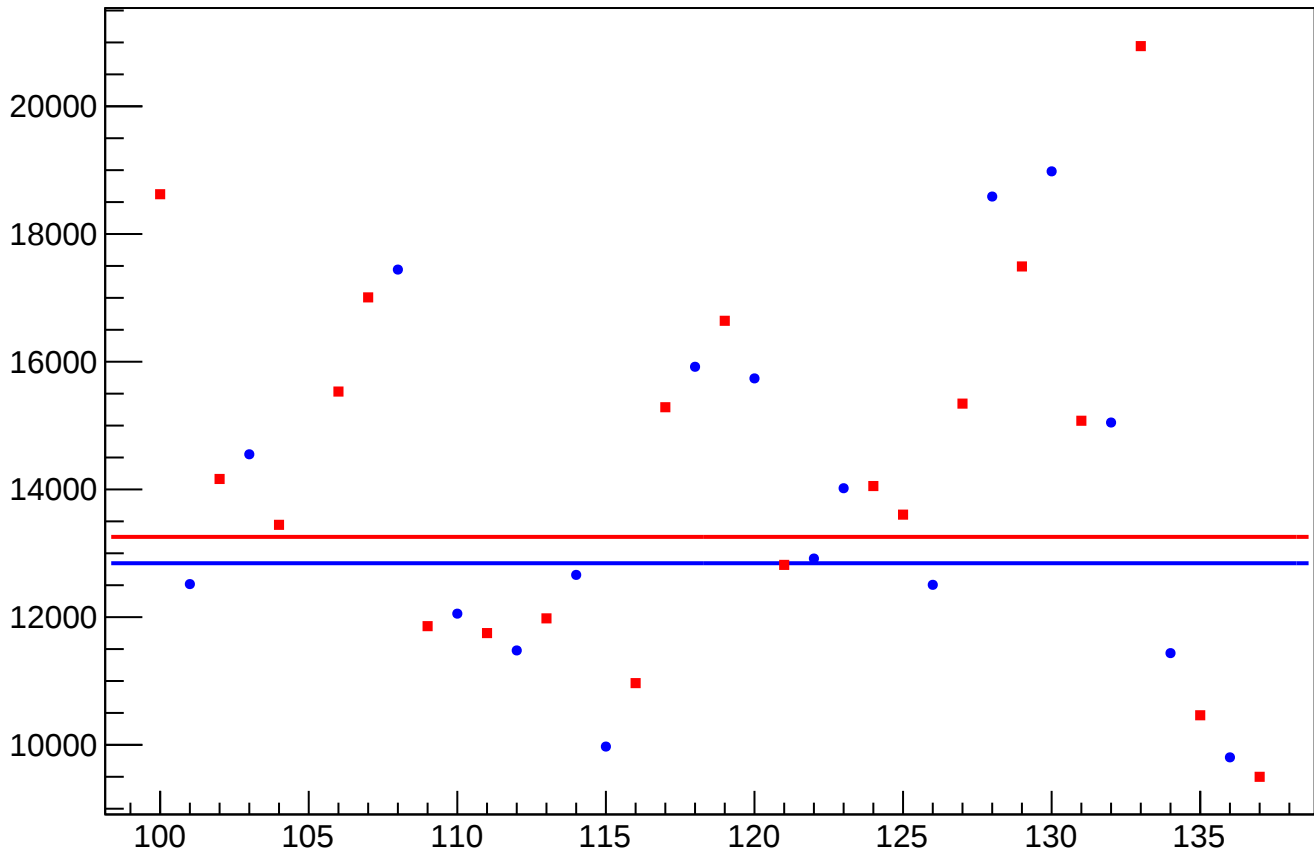
Right Out: -9.622 $\pm$ 5.058 χ^2 /NDF: 14.5/19

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

-6.760 $\pm$ 5.085 χ^2 /NDF: 23.7/16

-9.622 $\pm$ 5.058 χ^2 /NDF: 14.5/19

diff_bpm4ecX_rms vs Slug



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

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

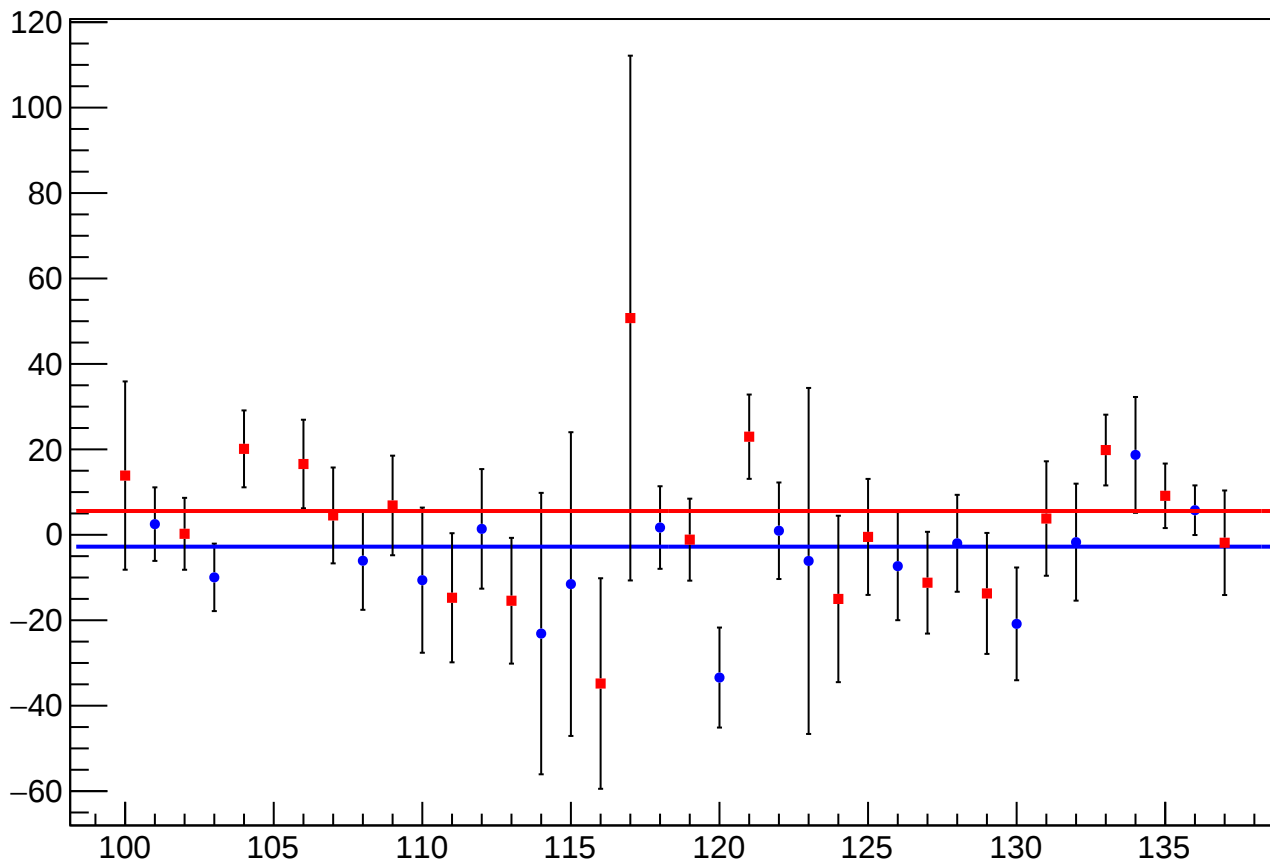
12844.321+/-3.595 χ^2/NDF : 547271.0/16

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

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

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

diff_bpm4ecY_mean vs Slug



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

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

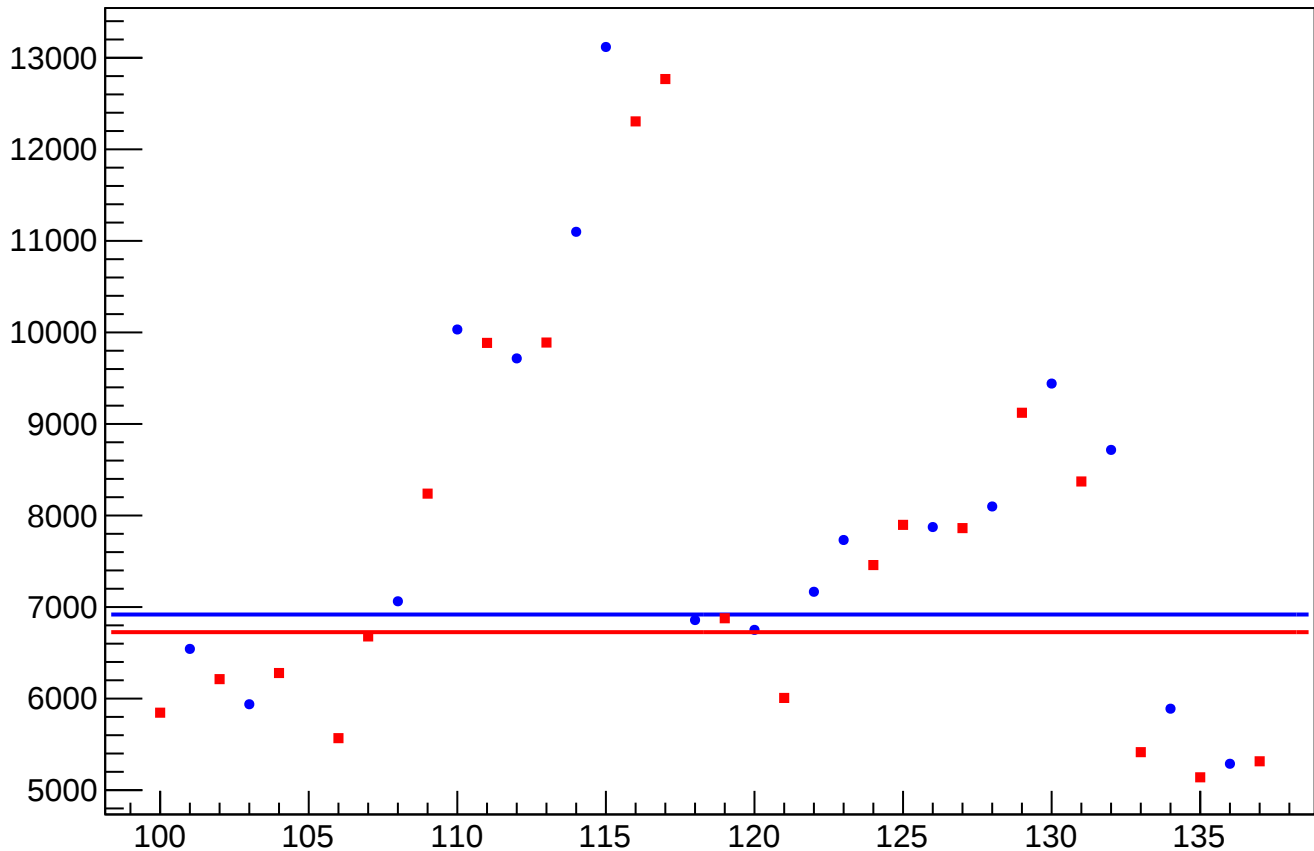
Right Out: 5.571+/-2.585 χ^2 /NDF: 23.7/19

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

-2.774+/-2.732 χ^2 /NDF: 15.9/16

5.571+/-2.585 χ^2 /NDF: 23.7/19

diff_bpm4ecY_rms vs Slug



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

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

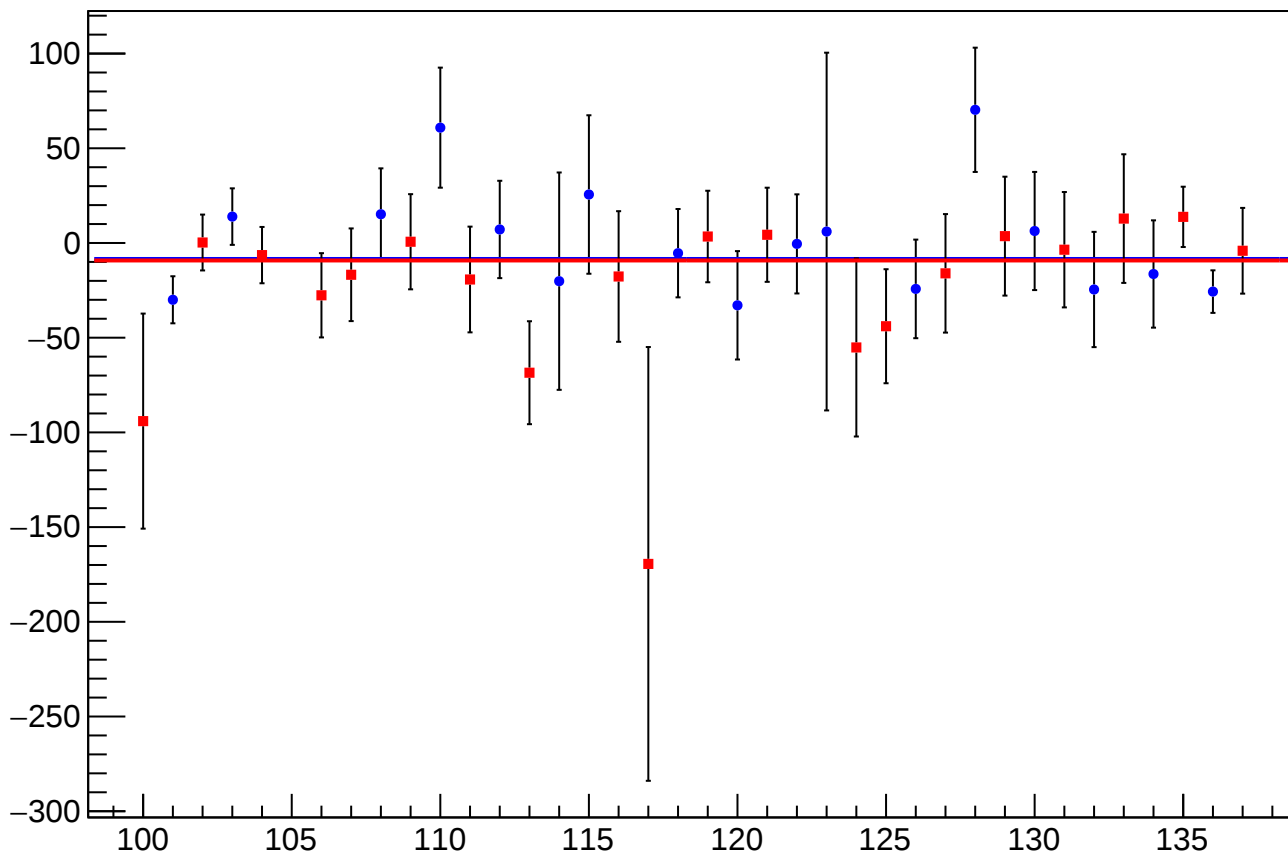
Right Out: 6725.745+/-1.828 χ^2/NDF : 675399.9/19

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

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

6725.745+/-1.828 χ^2/NDF : 675399.9/19

diff_bpm1X_mean vs Slug



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

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

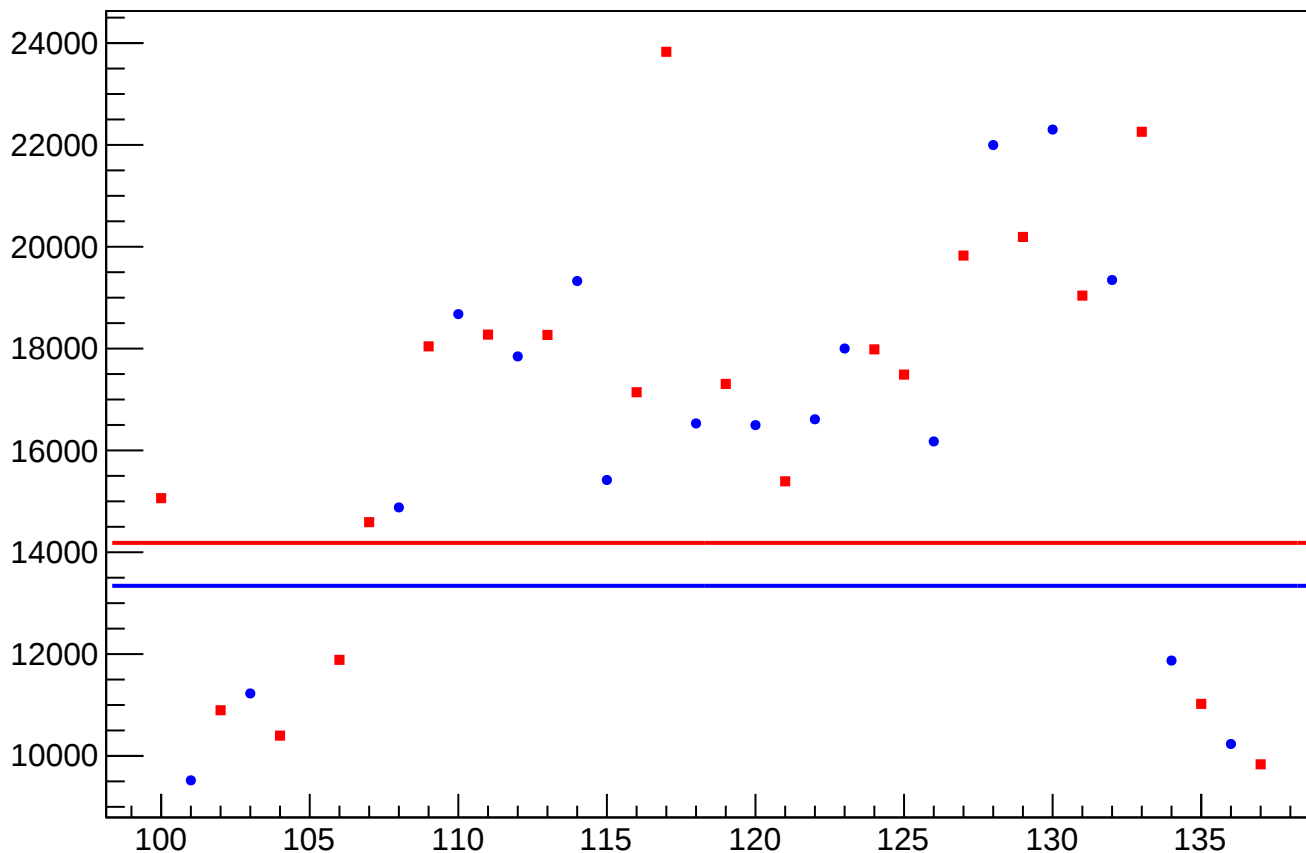
Right Out: -9.224+/-5.502 χ^2 /NDF: 16.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-8.448+/-5.393 χ^2 /NDF: 22.0/16

-9.224+/-5.502 χ^2 /NDF: 16.2/19

diff_bpm1X_rms vs Slug



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

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

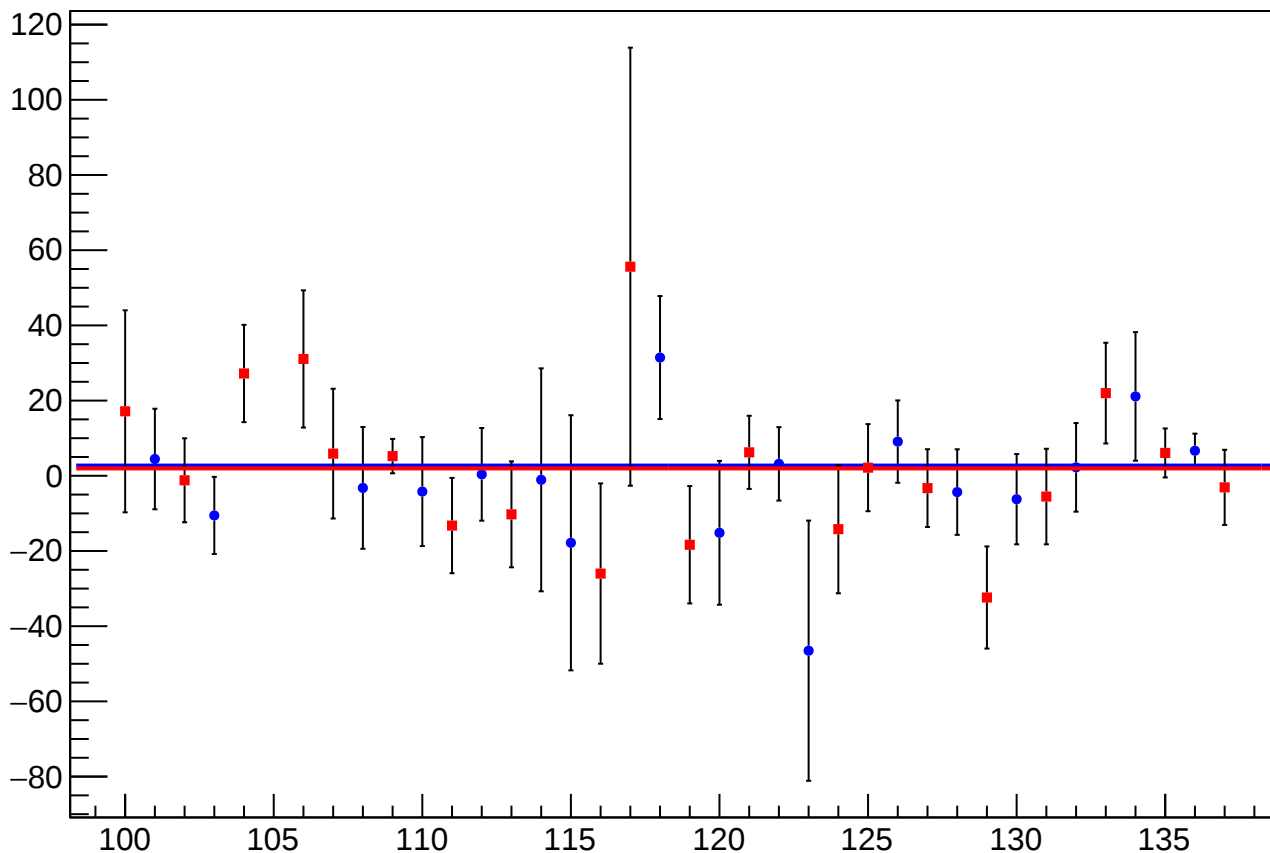
Right Out: 14184.146+/-3.891 χ^2/NDF : 946010.4/19

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

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

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

diff_bpm1Y_mean vs Slug



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

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

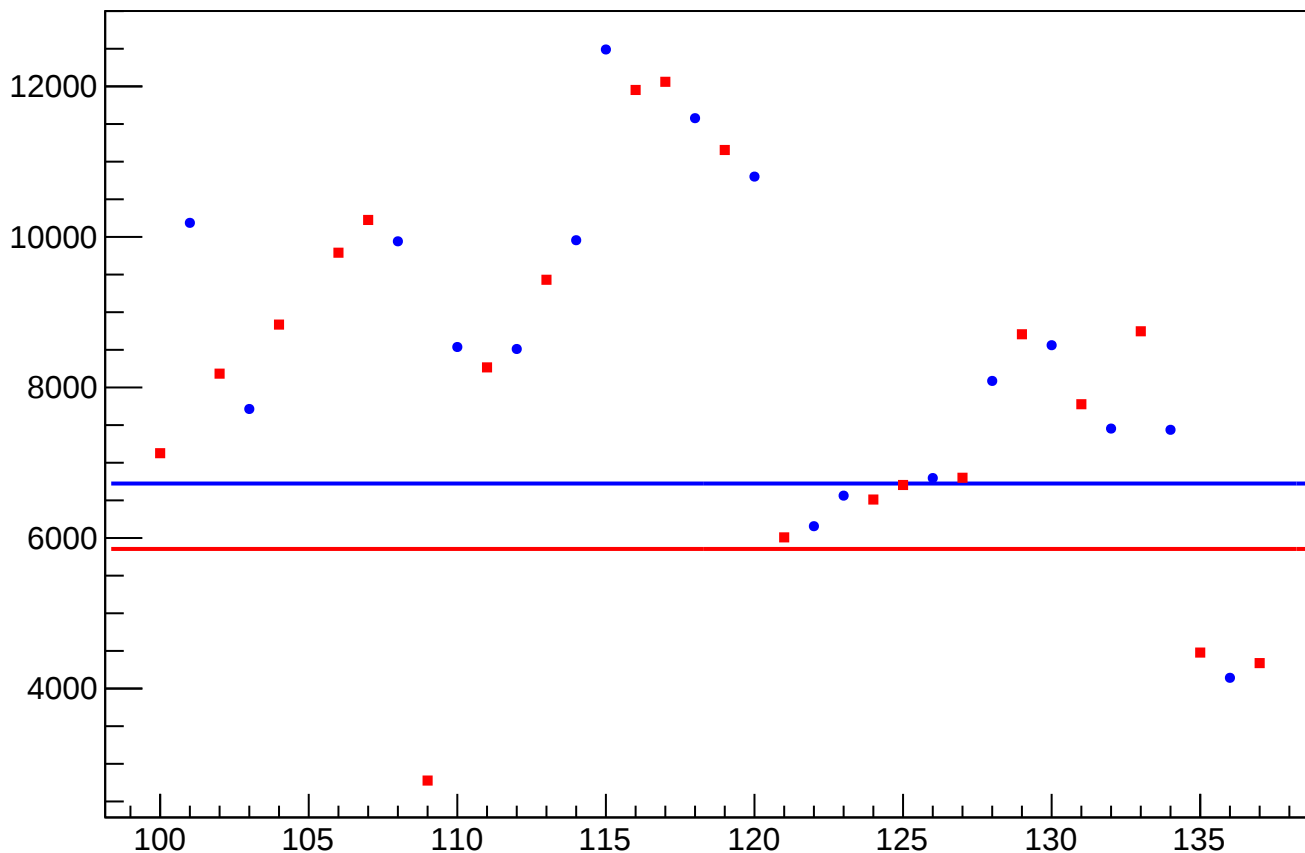
Right Out: 1.955+/-2.437 χ^2/NDF : 24.4/19

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

2.717+/-2.752 χ^2/NDF : 11.6/16

1.955+/-2.437 χ^2/NDF : 24.4/19

diff_bpm1Y_rms vs Slug



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

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

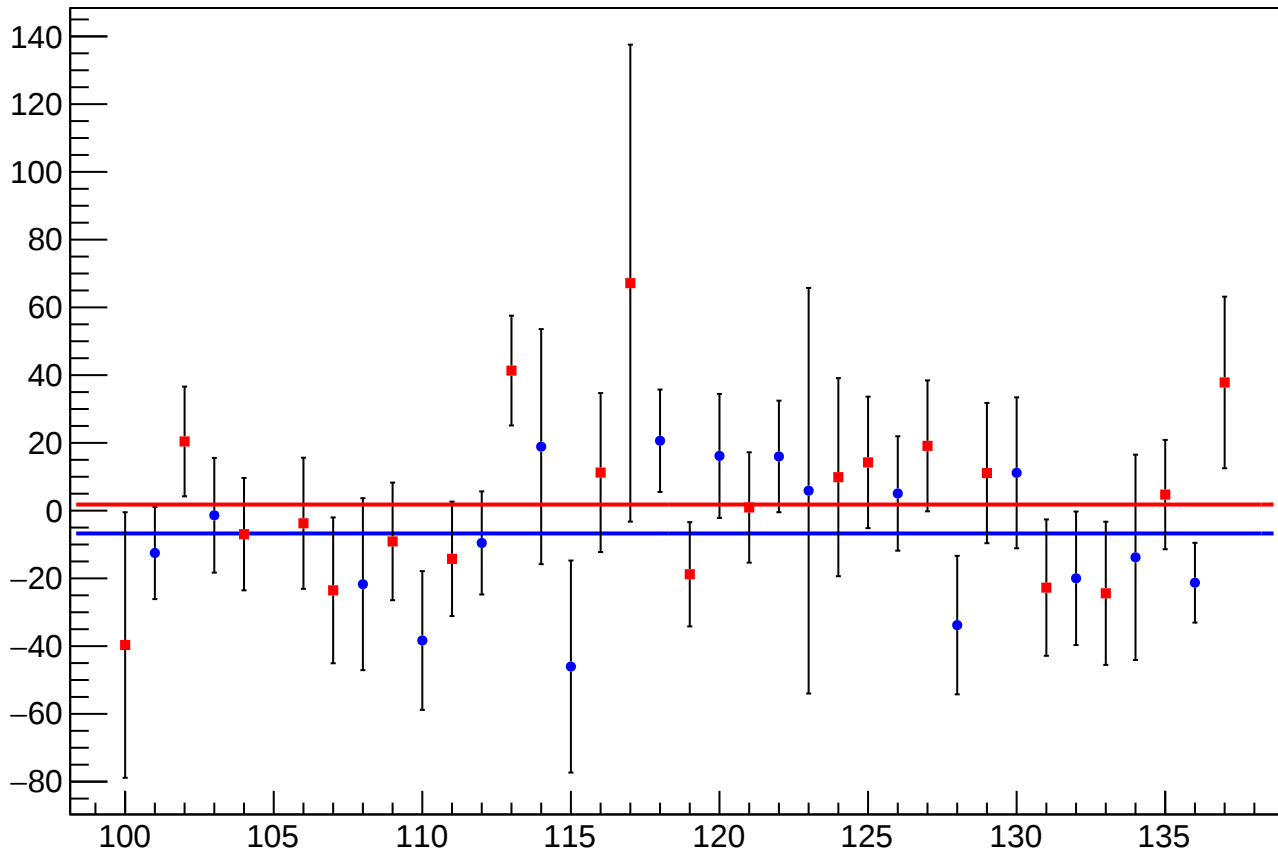
Right Out: 5854.708+/-1.723 χ^2/NDF : 2299964.9/19

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

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

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

diff_bpm11X_mean vs Slug



Right In: -6.736 $\pm$ 4.513 χ^2 /NDF: 16.9/16

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

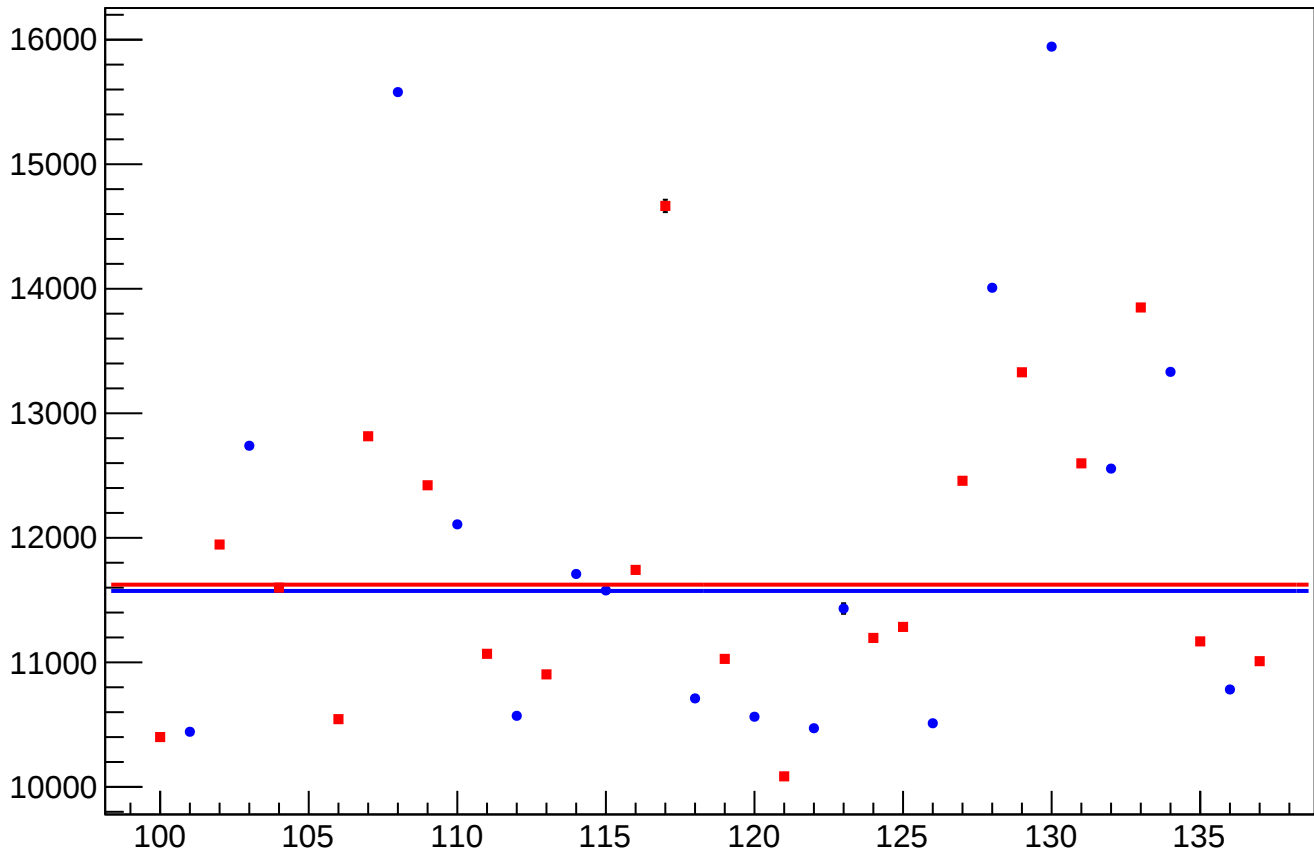
Right Out: 1.802 $\pm$ 4.364 χ^2 /NDF: 20.8/19

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

-6.736 $\pm$ 4.513 χ^2 /NDF: 16.9/16

1.802 $\pm$ 4.364 χ^2 /NDF: 20.8/19

diff_bpm11X_rms vs Slug



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

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

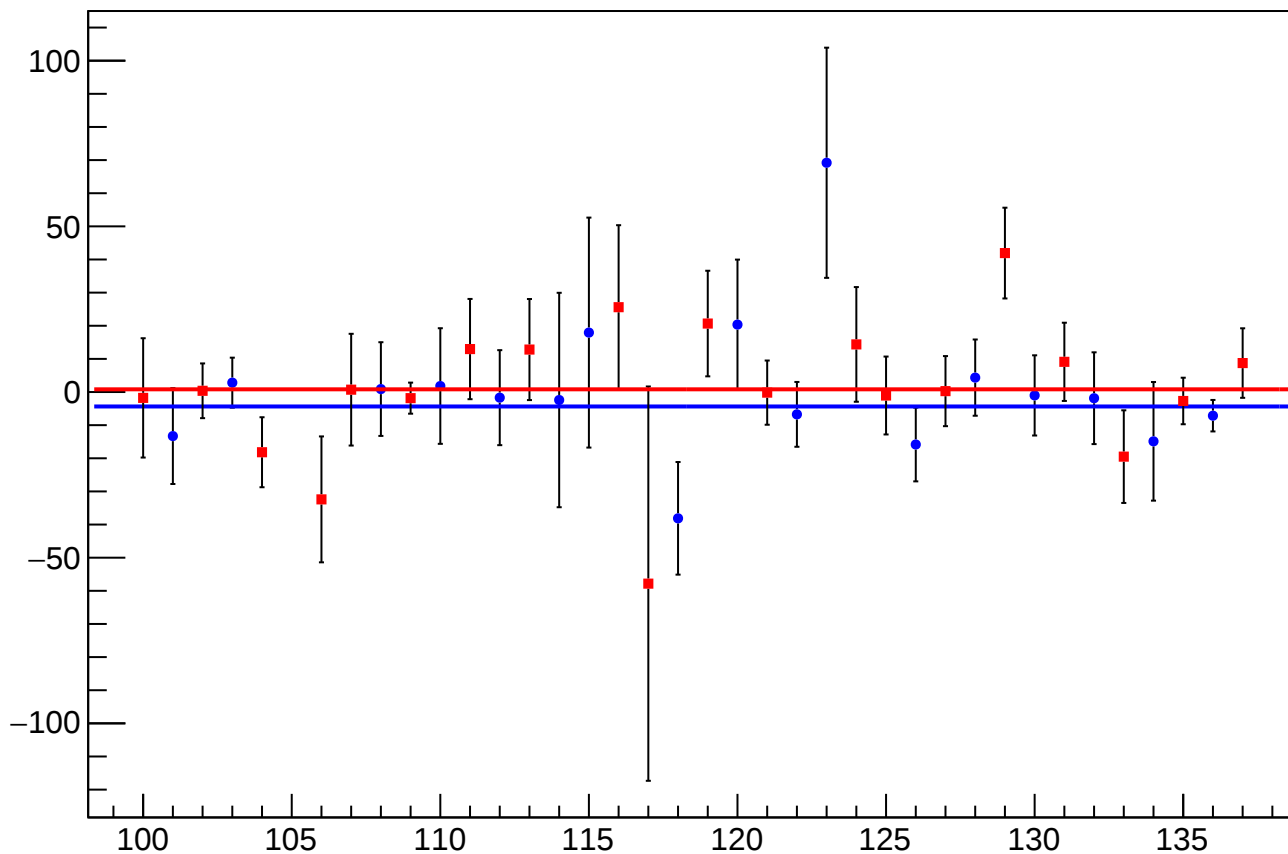
11573.490+/-3.191 χ^2/NDF : 238734.7/16

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

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

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

diff_bpm11Y_mean vs Slug



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

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

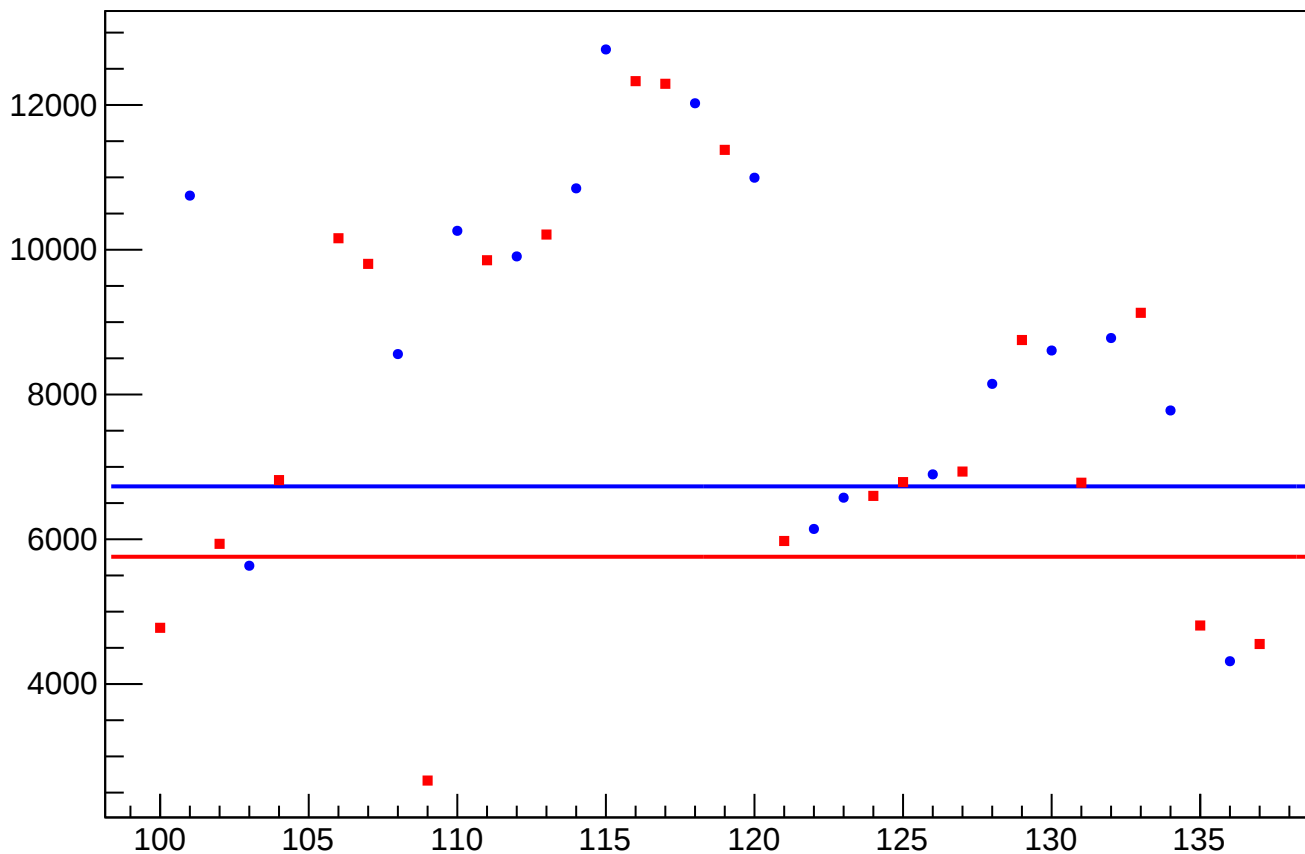
Right Out: 0.816 ± 2.424 χ^2/NDF : 24.5/19

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

-4.361 ± 2.776 χ^2/NDF : 14.5/16

0.816 ± 2.424 χ^2/NDF : 24.5/19

diff_bpm11Y_rms vs Slug



Right In: 6730.725 $\pm$ 1.963 χ^2 /NDF: 1445240.4/16

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

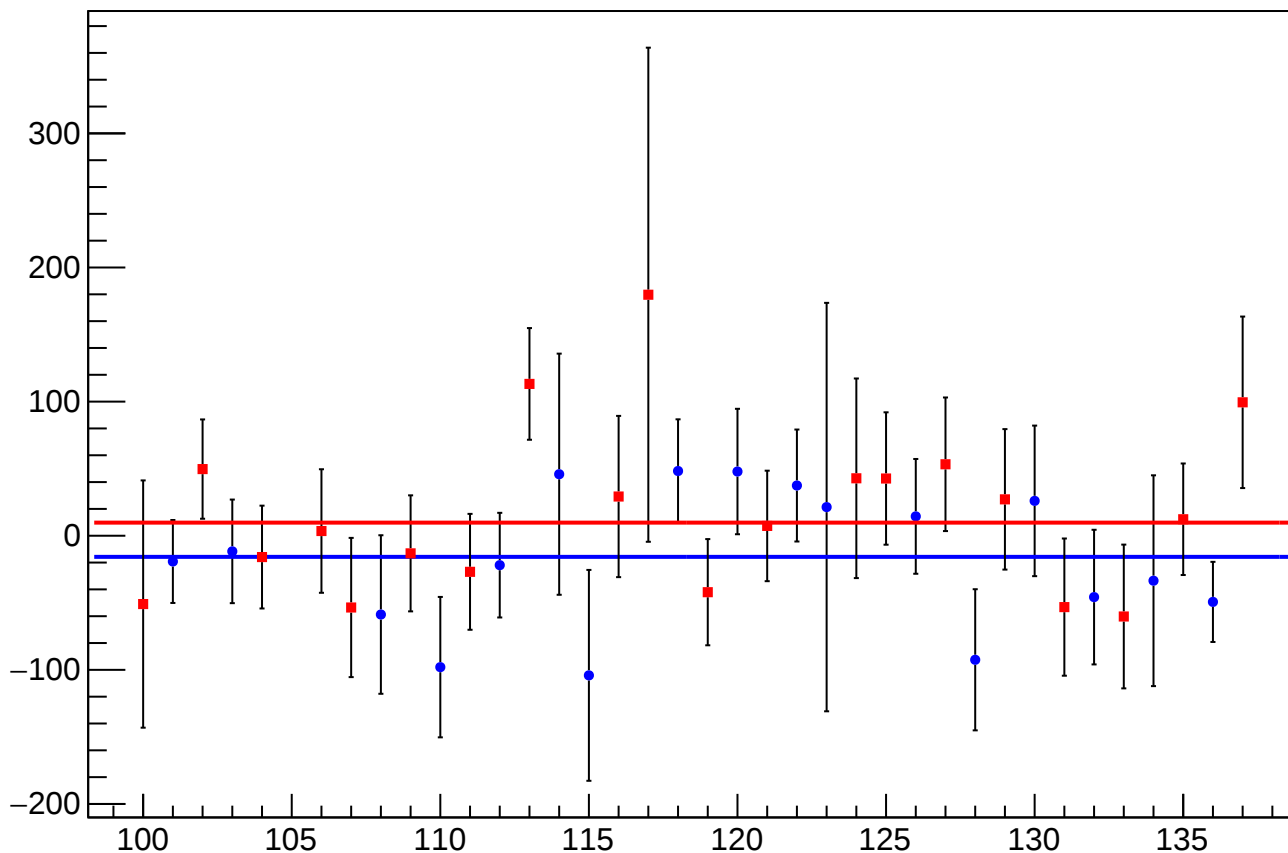
Right Out: 5758.506 $\pm$ 1.714 χ^2 /NDF: 2186395.0/19

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

6730.725 $\pm$ 1.963 χ^2 /NDF: 1445240.4/16

5758.506 $\pm$ 1.714 χ^2 /NDF: 2186395.0/19

diff_bpm12X_mean vs Slug



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

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

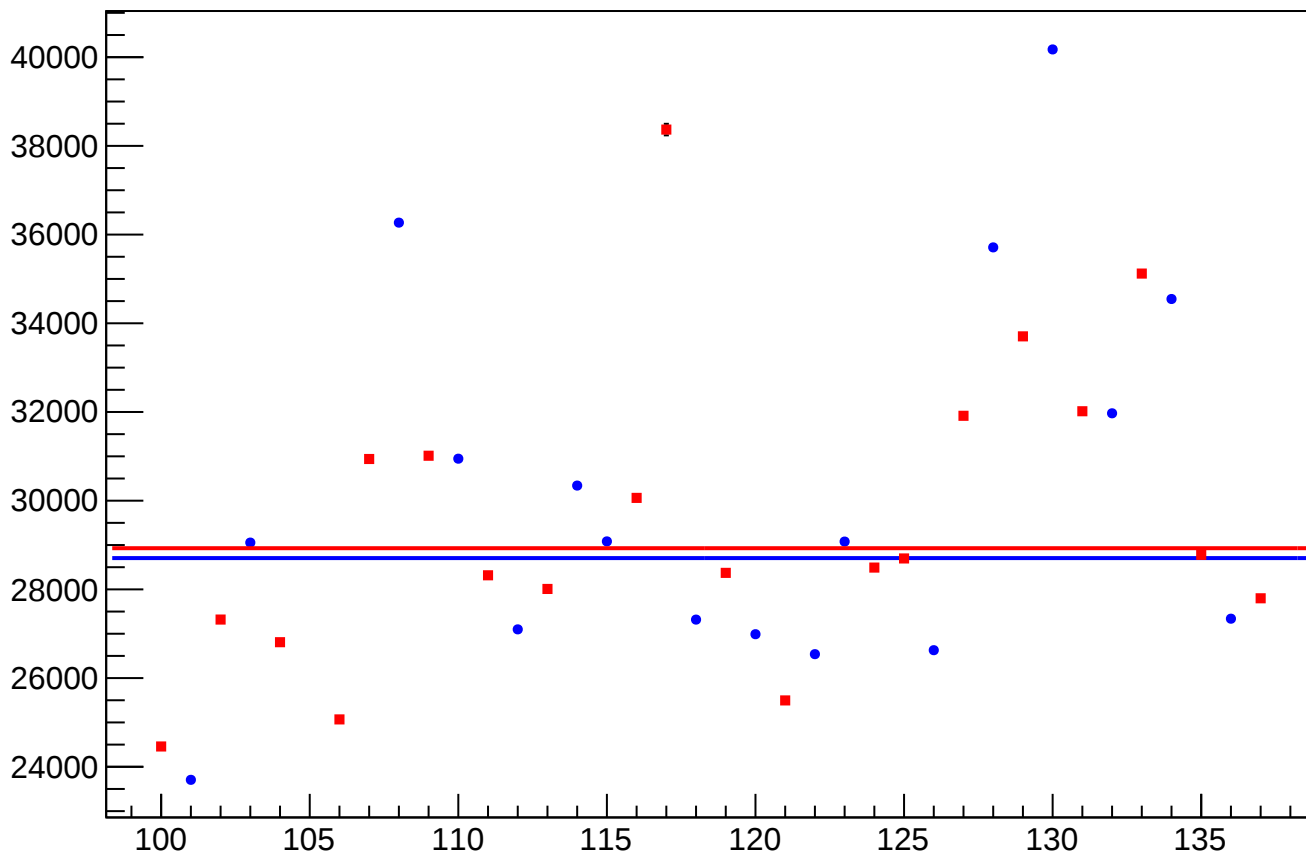
Right Out: 9.773 ± 10.870 χ^2/NDF : 20.1/19

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

-15.751 ± 11.207 χ^2/NDF : 15.9/16

9.773 ± 10.870 χ^2/NDF : 20.1/19

diff_bpm12X_rms vs Slug



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

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

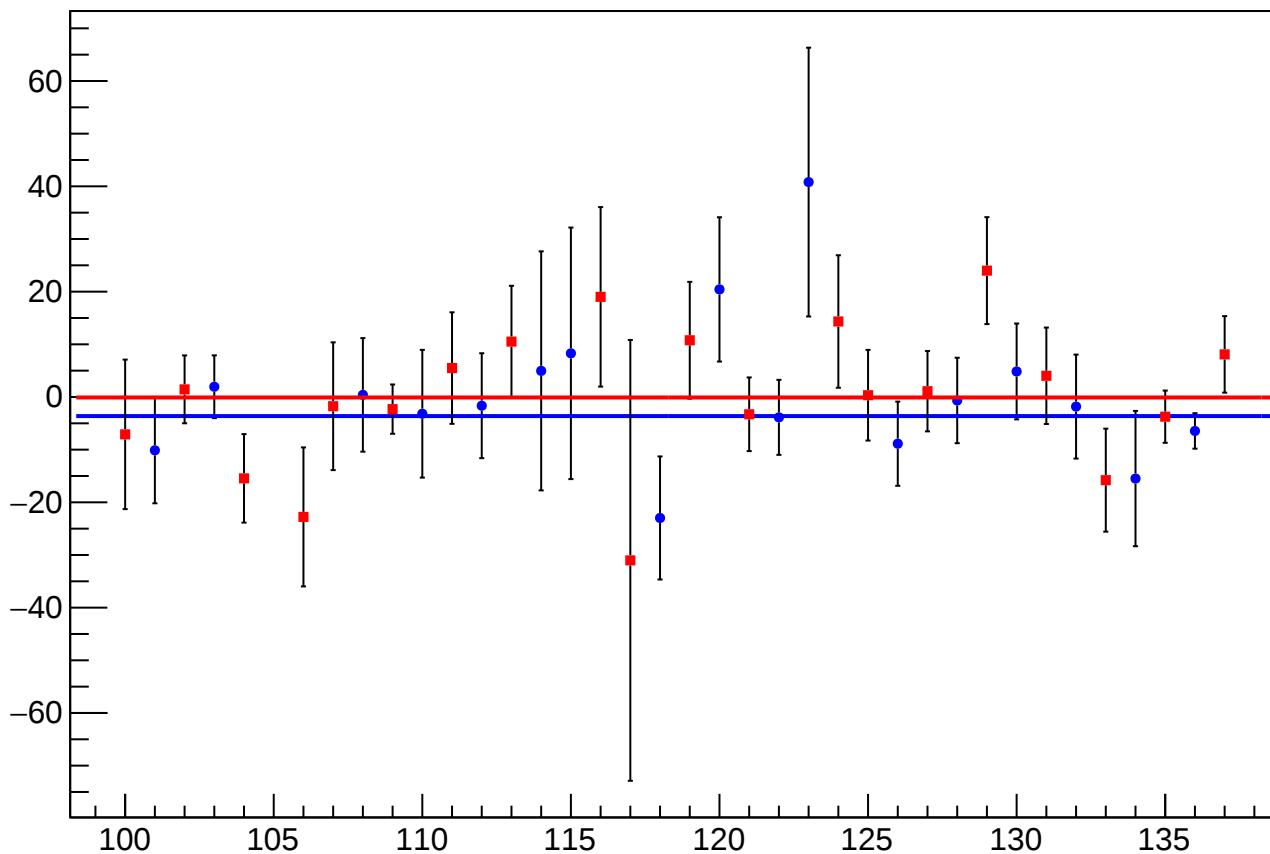
Right Out: 28928.520+/-7.686 χ^2/NDF : 116482.4/19

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

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

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

diff_bpm12Y_mean vs Slug



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

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

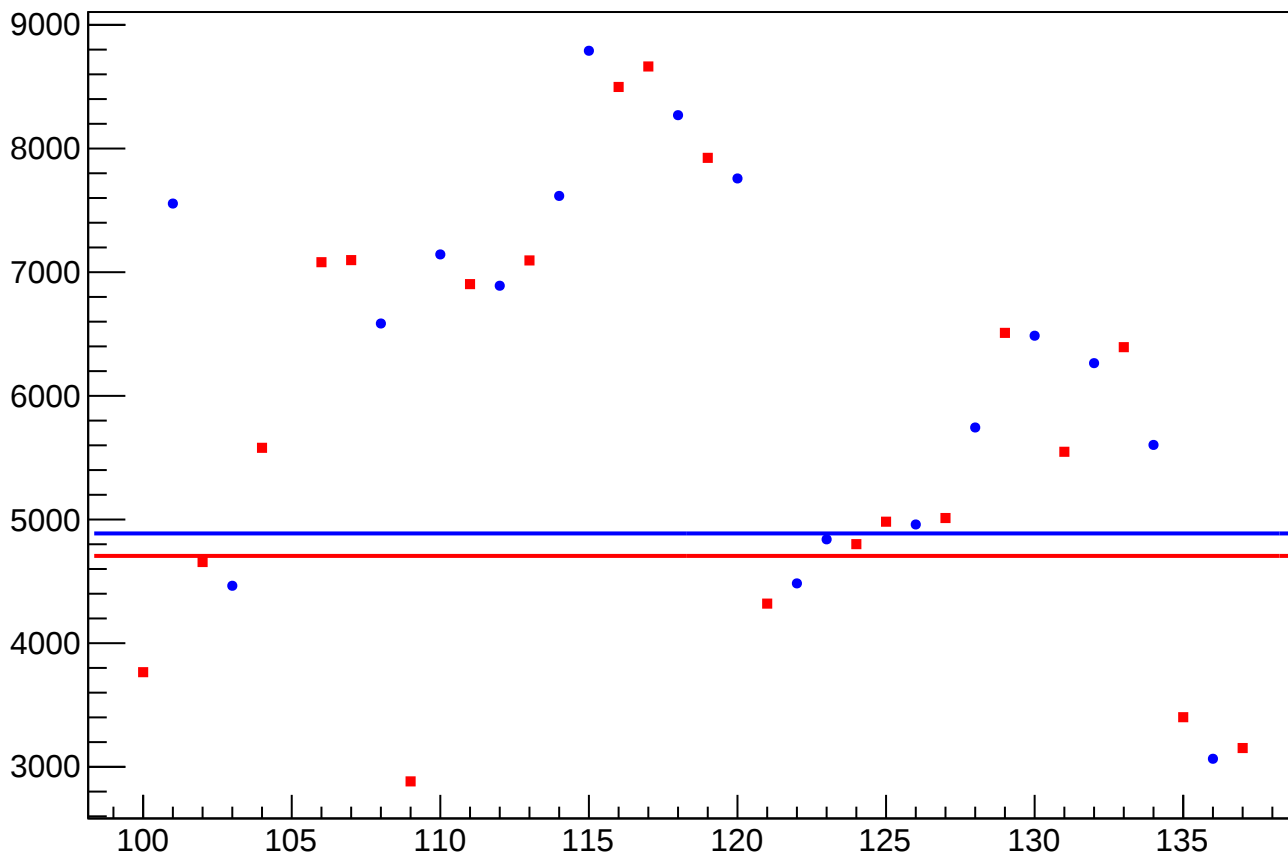
Right Out: -0.090+/-1.888 χ^2/NDF : 22.6/19

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

-3.625+/-2.006 χ^2/NDF : 13.7/16

-0.090+/-1.888 χ^2/NDF : 22.6/19

diff_bpm12Y_rms vs Slug



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

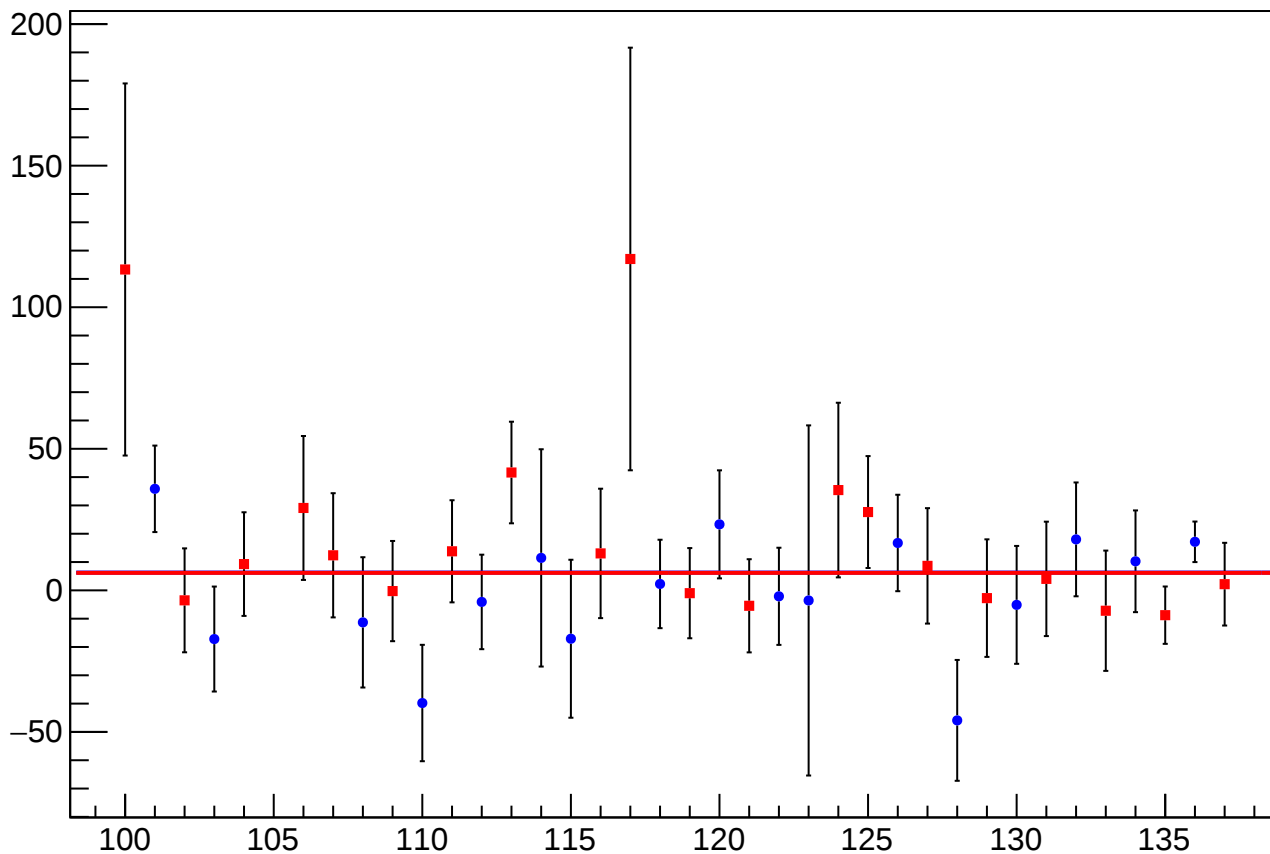
Right Out: 4705.797 $\pm$ 1.335 χ^2 /NDF: 1331043.3/19

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

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

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

diff_bpm16X_mean vs Slug



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

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

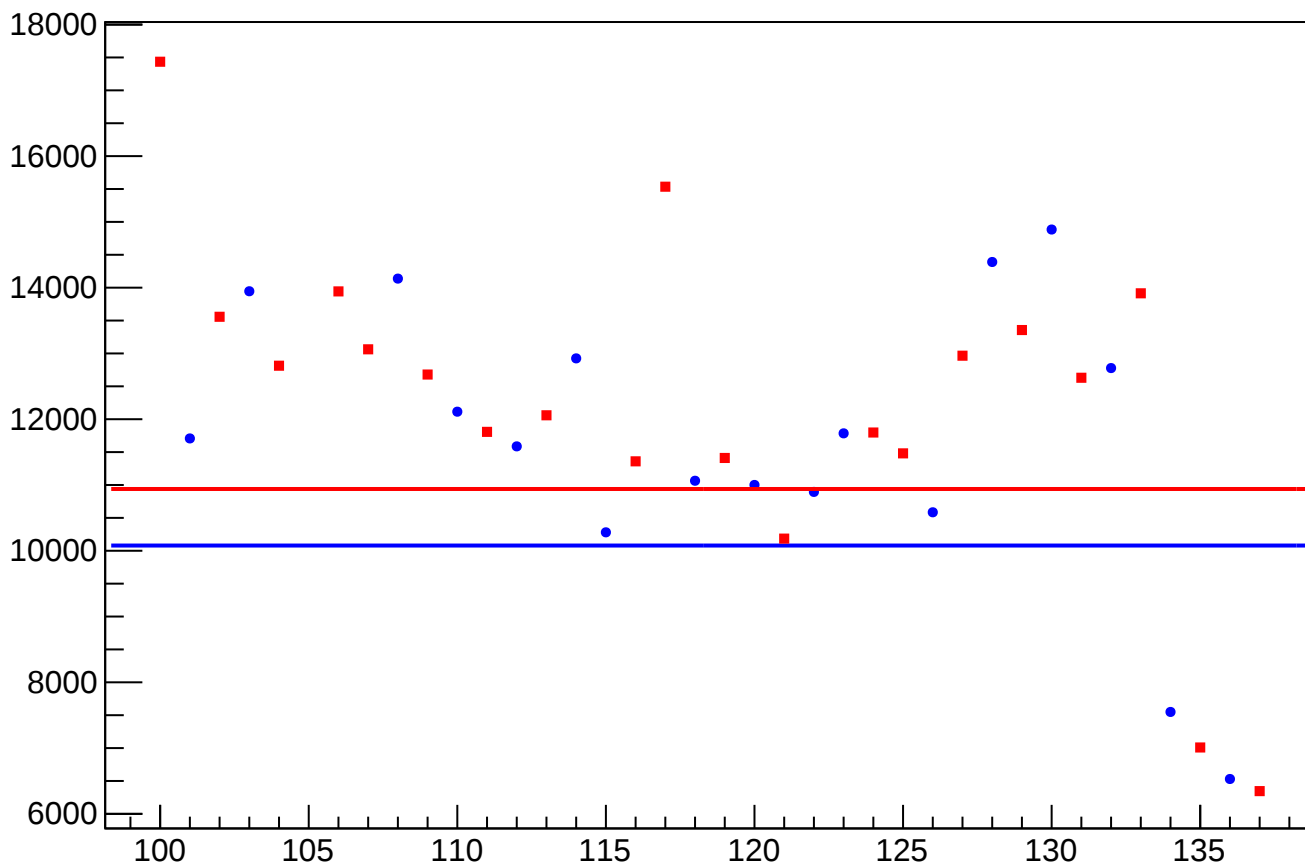
Right Out: 6.182+/-4.212 χ^2/NDF : 16.0/19

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

6.283+/-4.064 χ^2/NDF : 22.5/16

6.182+/-4.212 χ^2/NDF : 16.0/19

diff_bpm16X_rms vs Slug



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

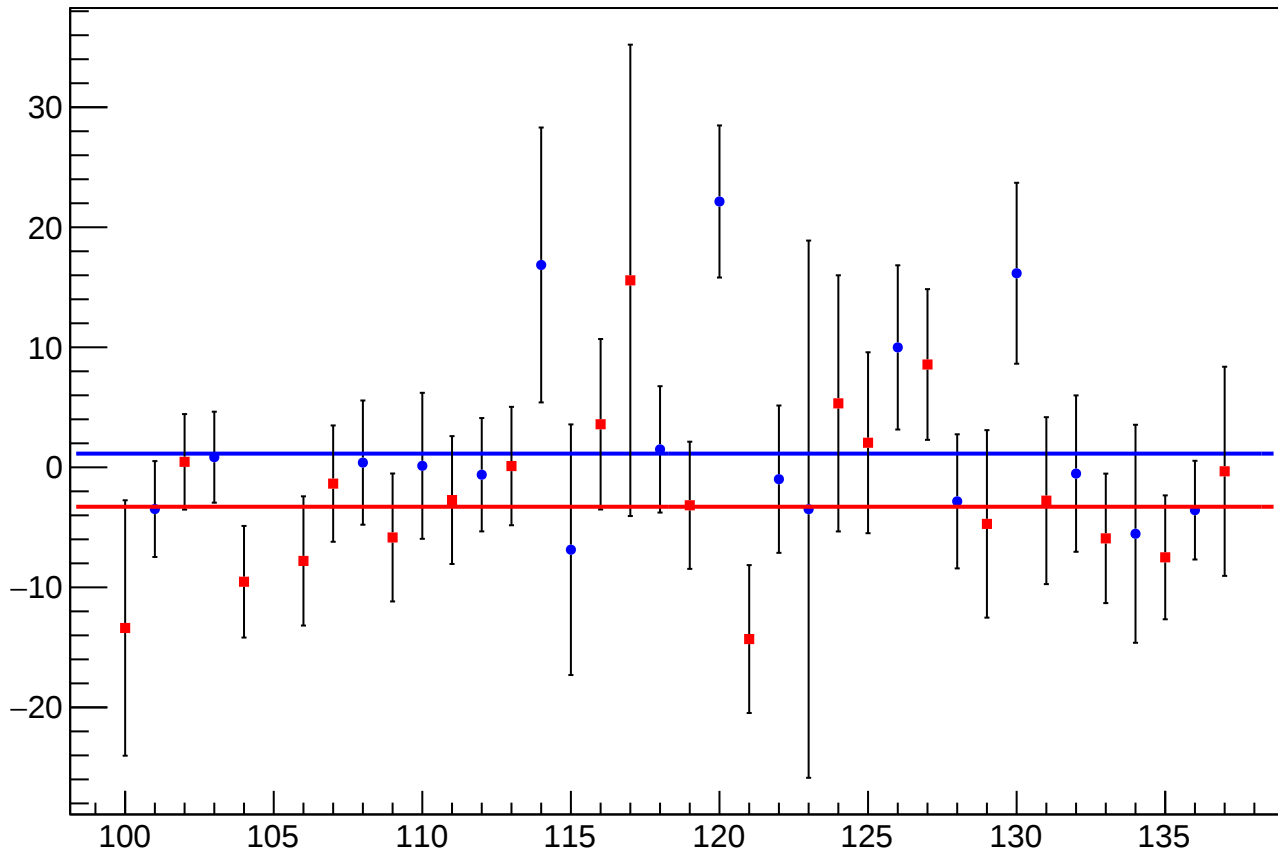
Right Out: 10939.227 $\pm$ 2.979 χ^2 /NDF: 776055.3/19

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

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

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

diff_bpm16Y_mean vs Slug



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

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

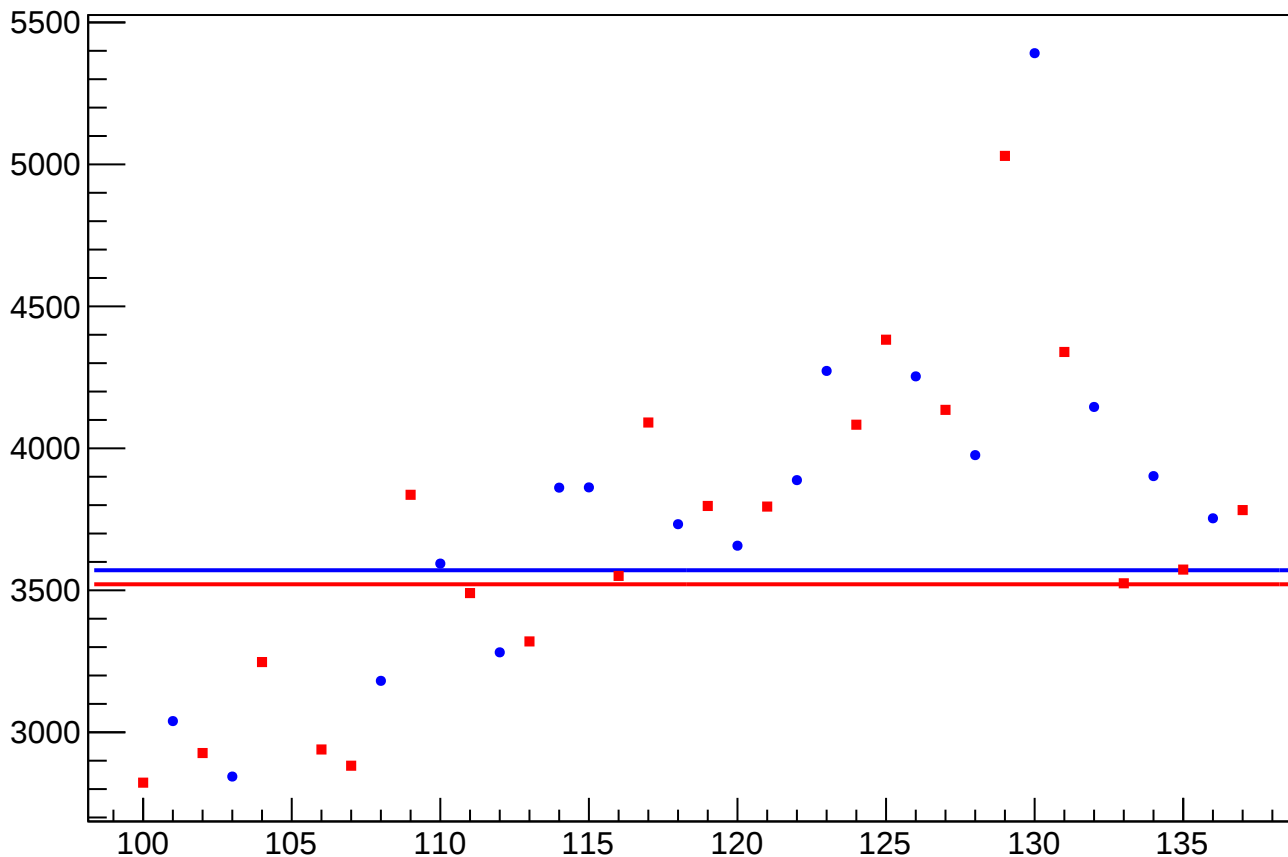
Right Out: -3.284+/-1.330 χ^2/NDF : 16.0/19

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

1.142+/-1.395 χ^2/NDF : 23.2/16

-3.284+/-1.330 χ^2/NDF : 16.0/19

diff_bpm16Y_rms vs Slug



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

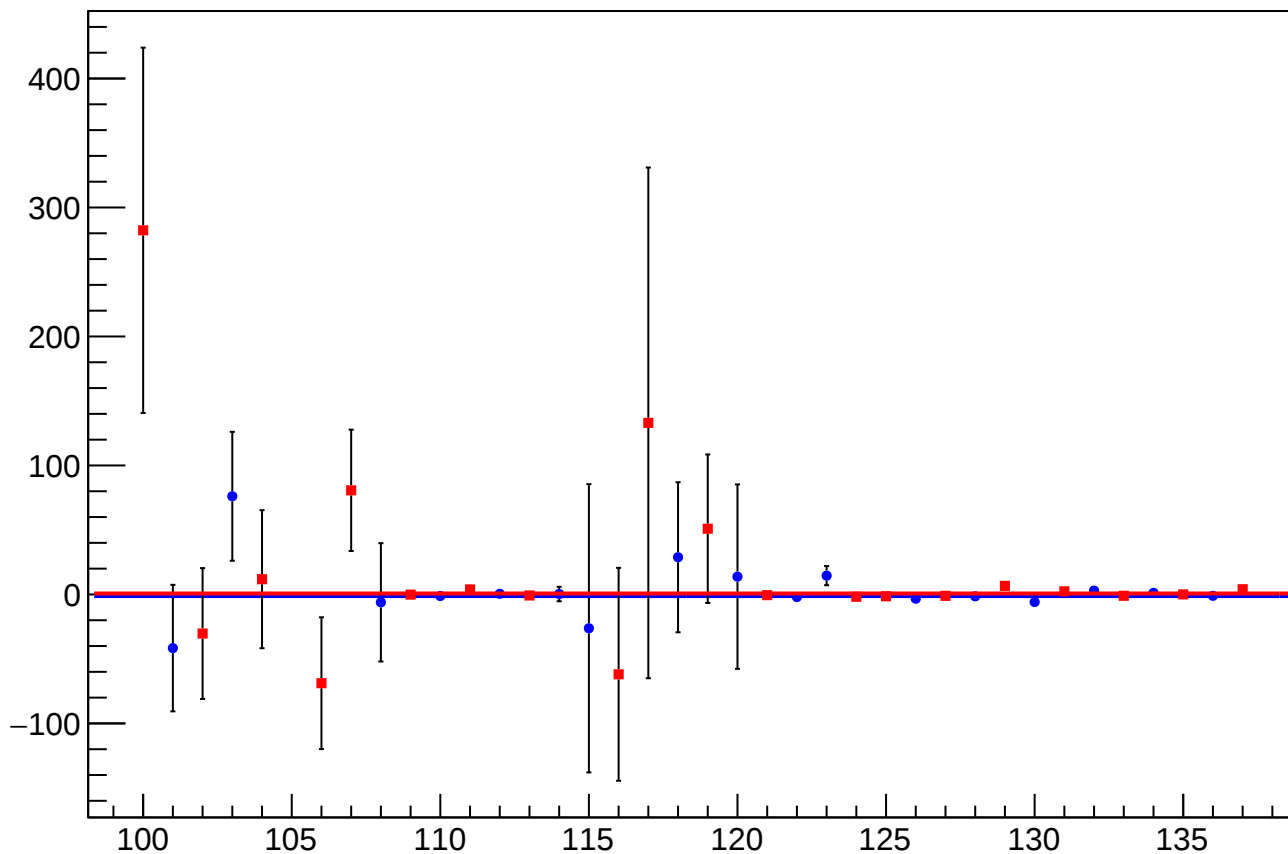
Right Out: 3521.247 $\pm$ 0.941 χ^2 /NDF: 294919.2/19

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

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

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

diff_bpm1p02bX_mean vs Slug



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

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

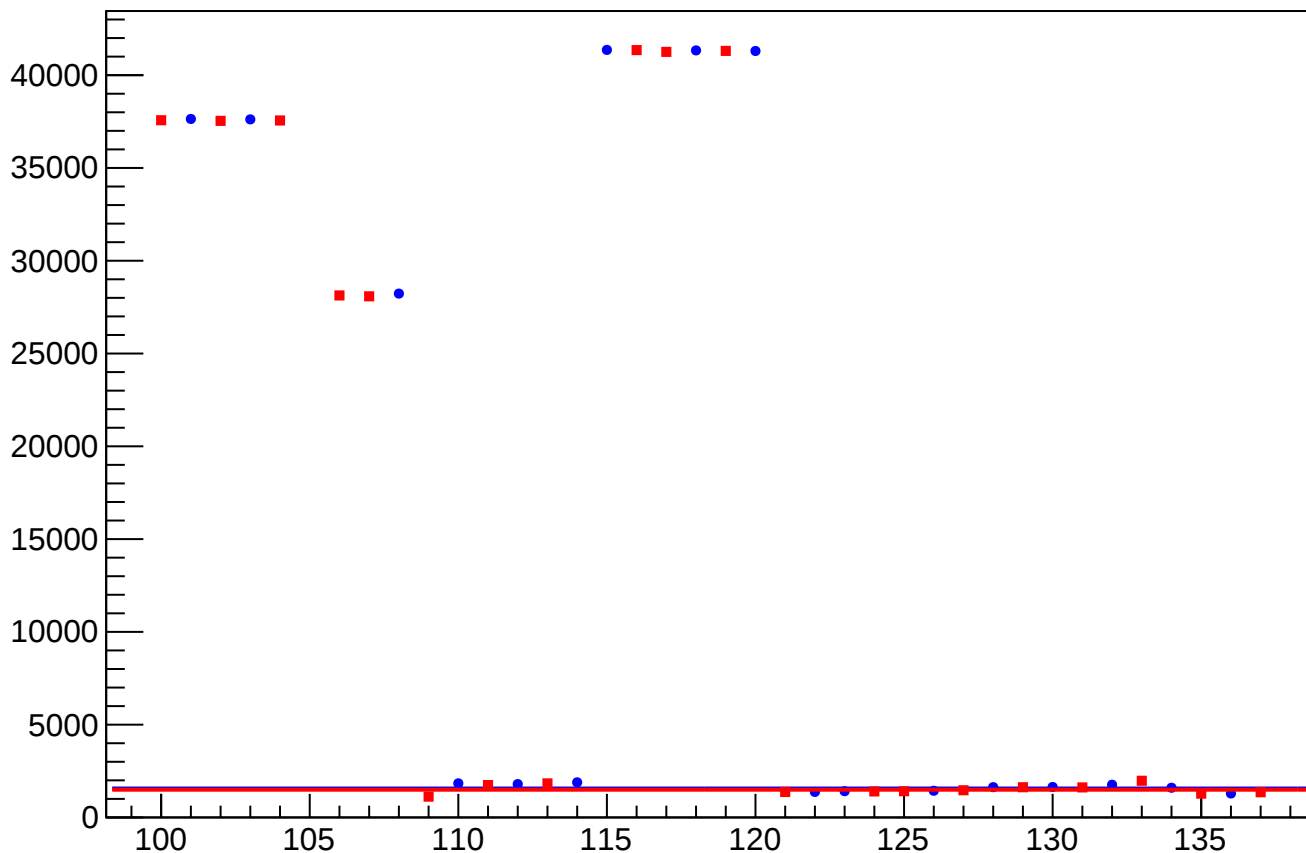
Right Out: 0.735+/-0.710 χ^2 /NDF: 22.5/19

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

-1.261+/-0.748 χ^2 /NDF: 16.3/16

0.735+/-0.710 χ^2 /NDF: 22.5/19

diff_bpm1p02bX_rms vs Slug



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

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

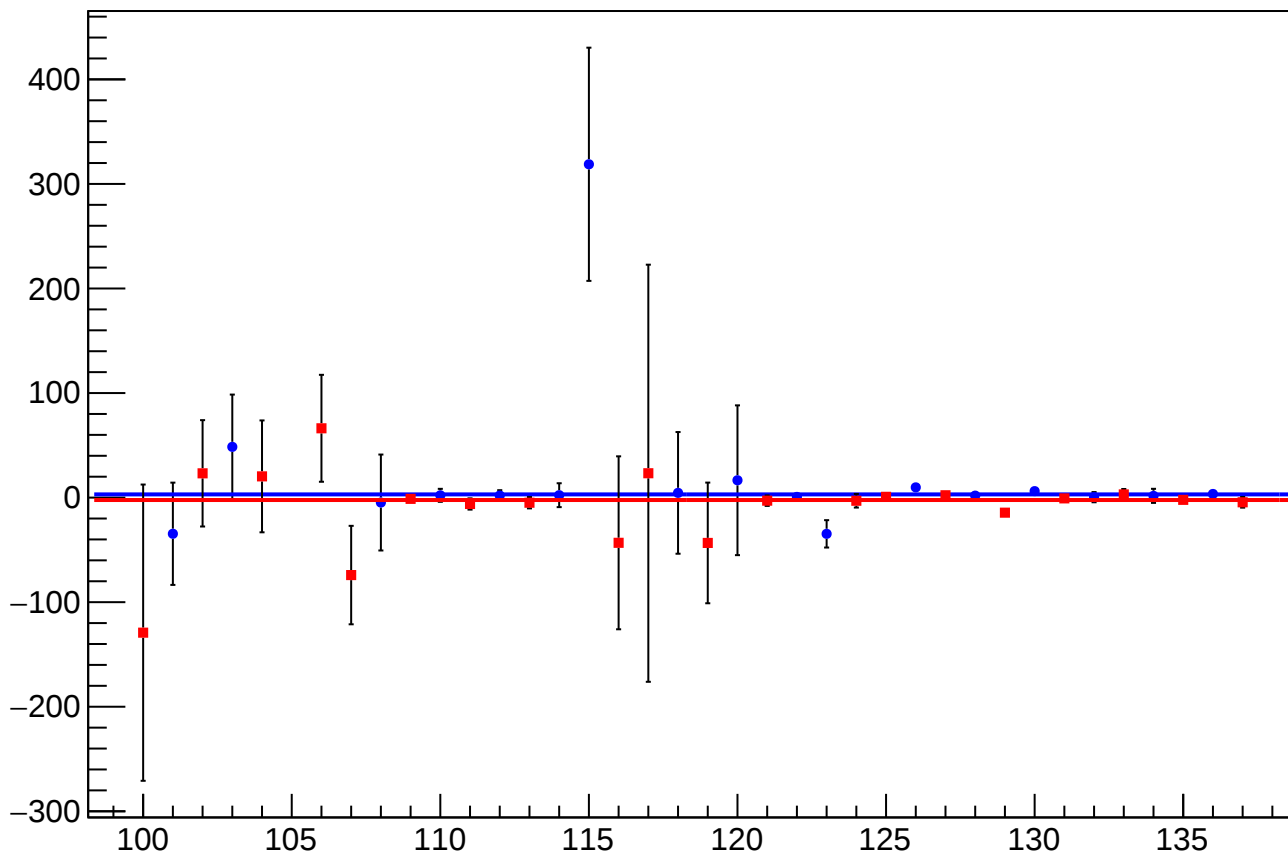
Right Out: 1495.131+/-0.502 χ^2/NDF : 4973587.9/19

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

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

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

diff_bpm1p02bY_mean vs Slug



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

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

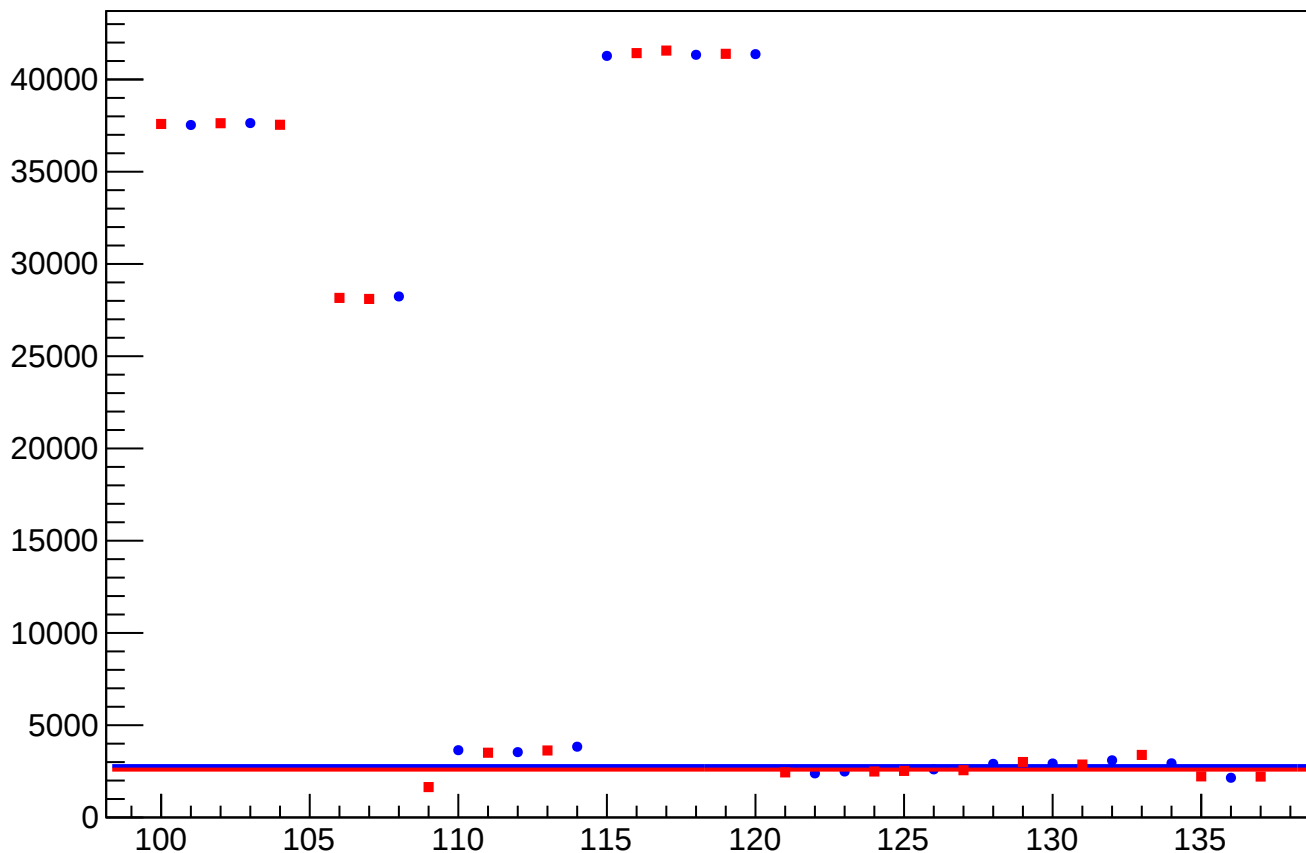
Right Out: -2.305+/-1.235 χ^2/NDF : 16.9/19

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

3.075+/-1.323 χ^2/NDF : 21.9/16

-2.305+/-1.235 χ^2/NDF : 16.9/19

diff_bpm1p02bY_rms vs Slug



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

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

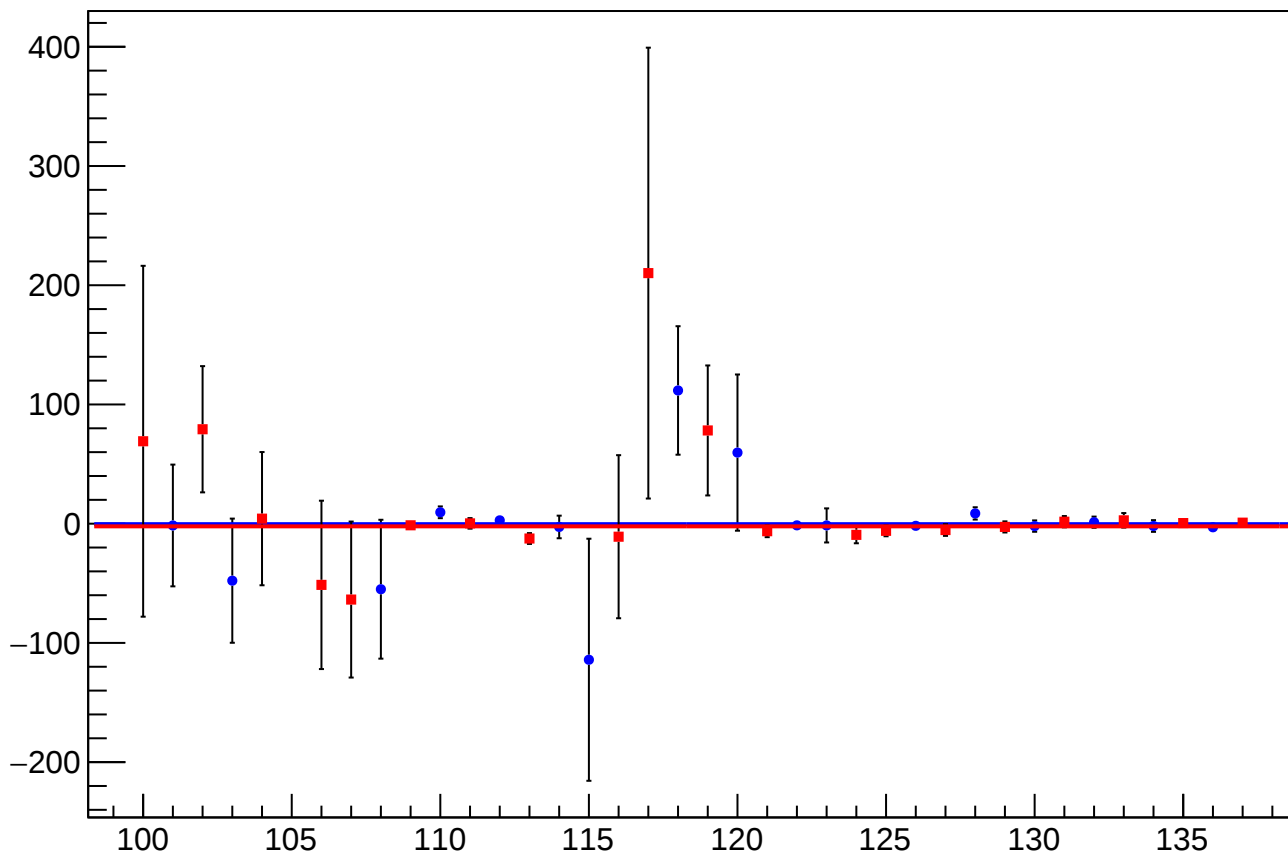
Right Out: 2592.654+/-0.873 χ^2/NDF : 4923077.9/19

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

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

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

diff_bpm1p03aX_mean vs Slug



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

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

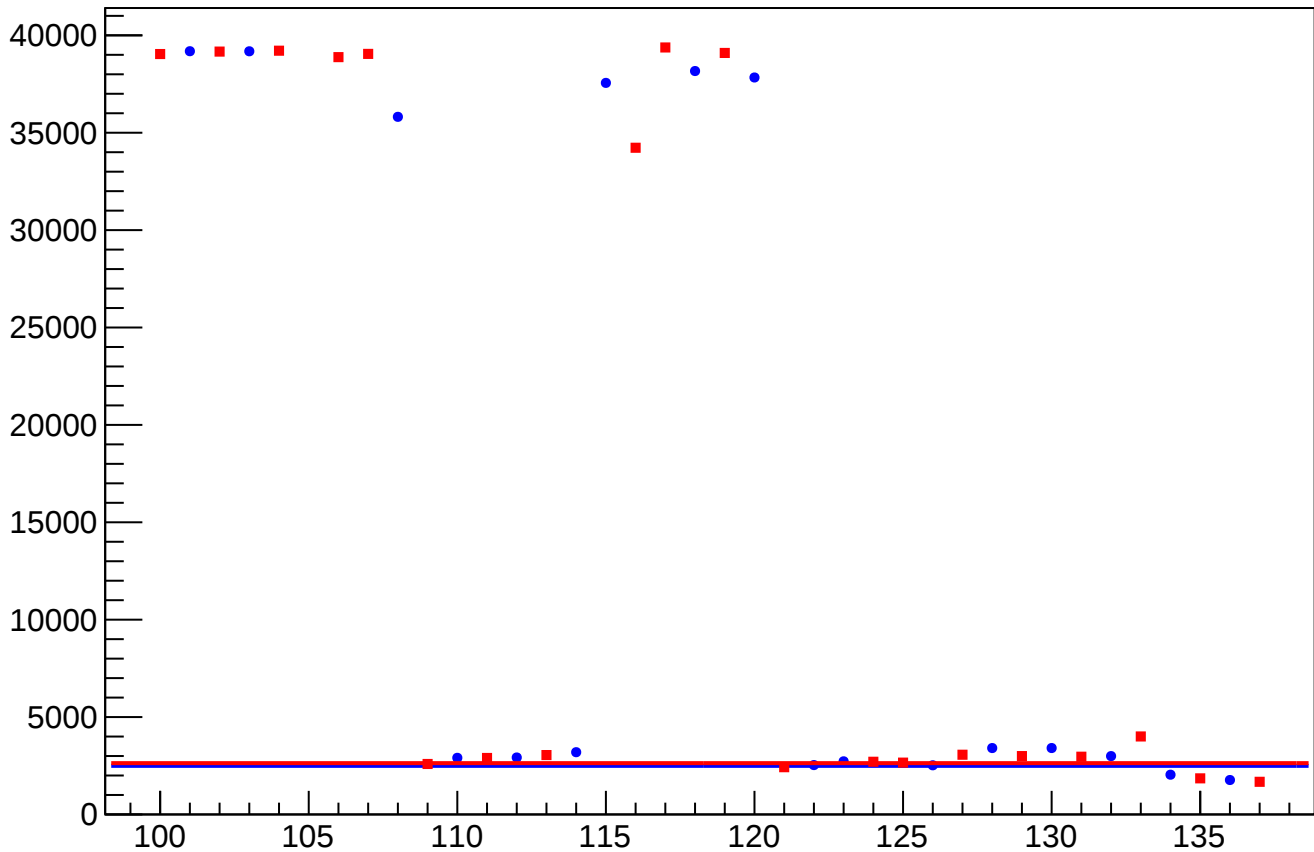
Right Out: -2.235+/-1.246 χ^2 /NDF: 18.7/19

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

-0.403+/-1.218 χ^2 /NDF: 18.3/16

-2.235+/-1.246 χ^2 /NDF: 18.7/19

diff_bpm1p03aX_rms vs Slug



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

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

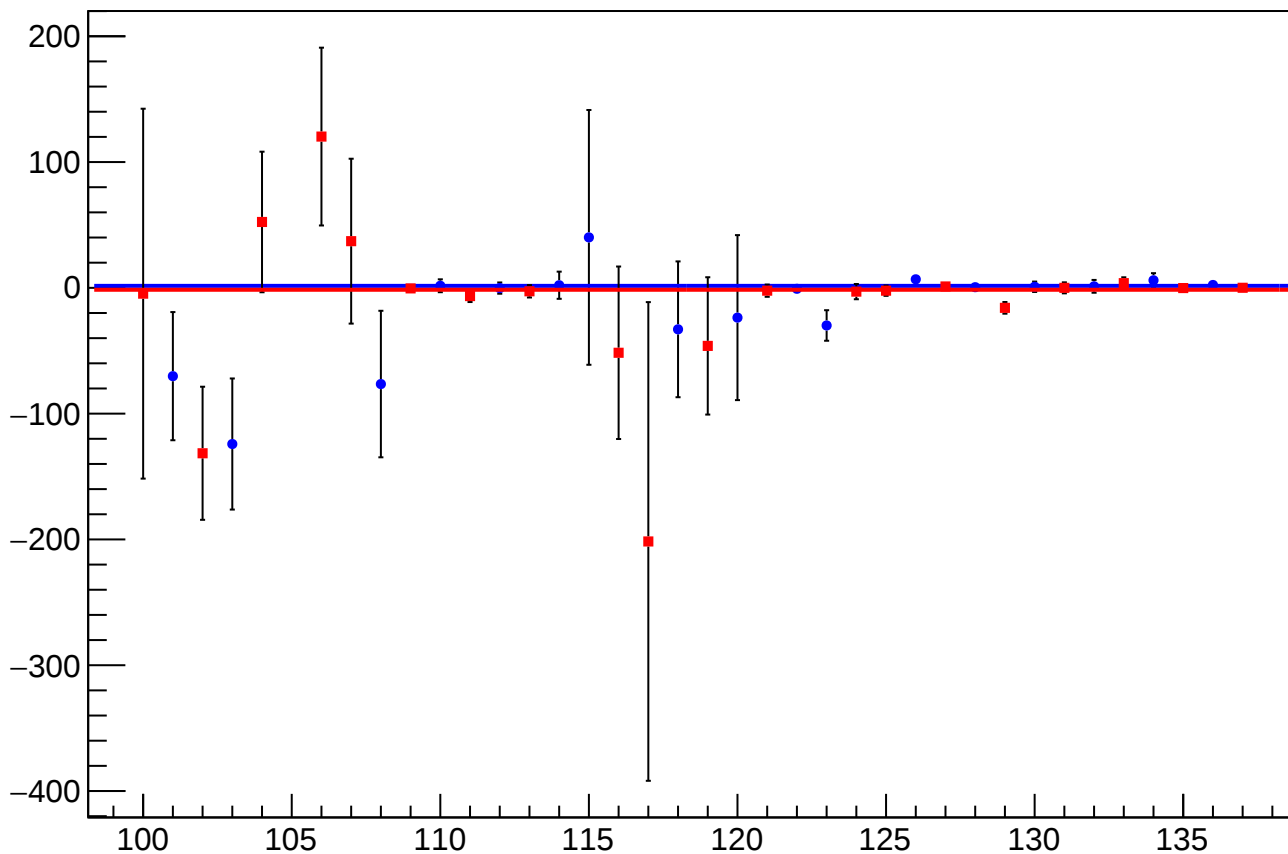
2495.603+/-0.861 χ^2/NDF : 4882334.6/16

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

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

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

diff_bpm1p03aY_mean vs Slug



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

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

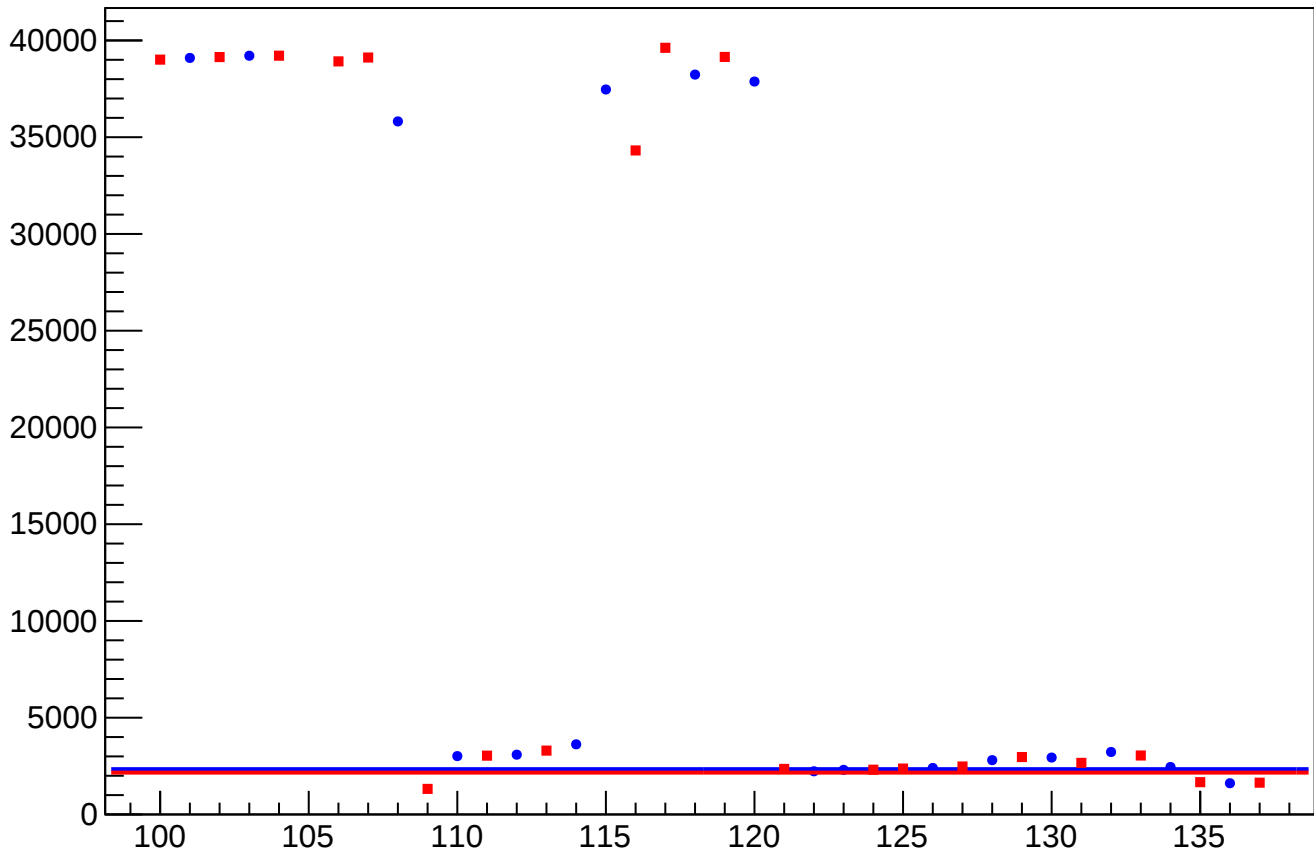
Right Out: -1.530+/-1.062 χ^2/NDF : 26.1/19

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

1.576+/-1.143 χ^2/NDF : 20.3/16

-1.530+/-1.062 χ^2/NDF : 26.1/19

diff_bpm1p03aY_rms vs Slug



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

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

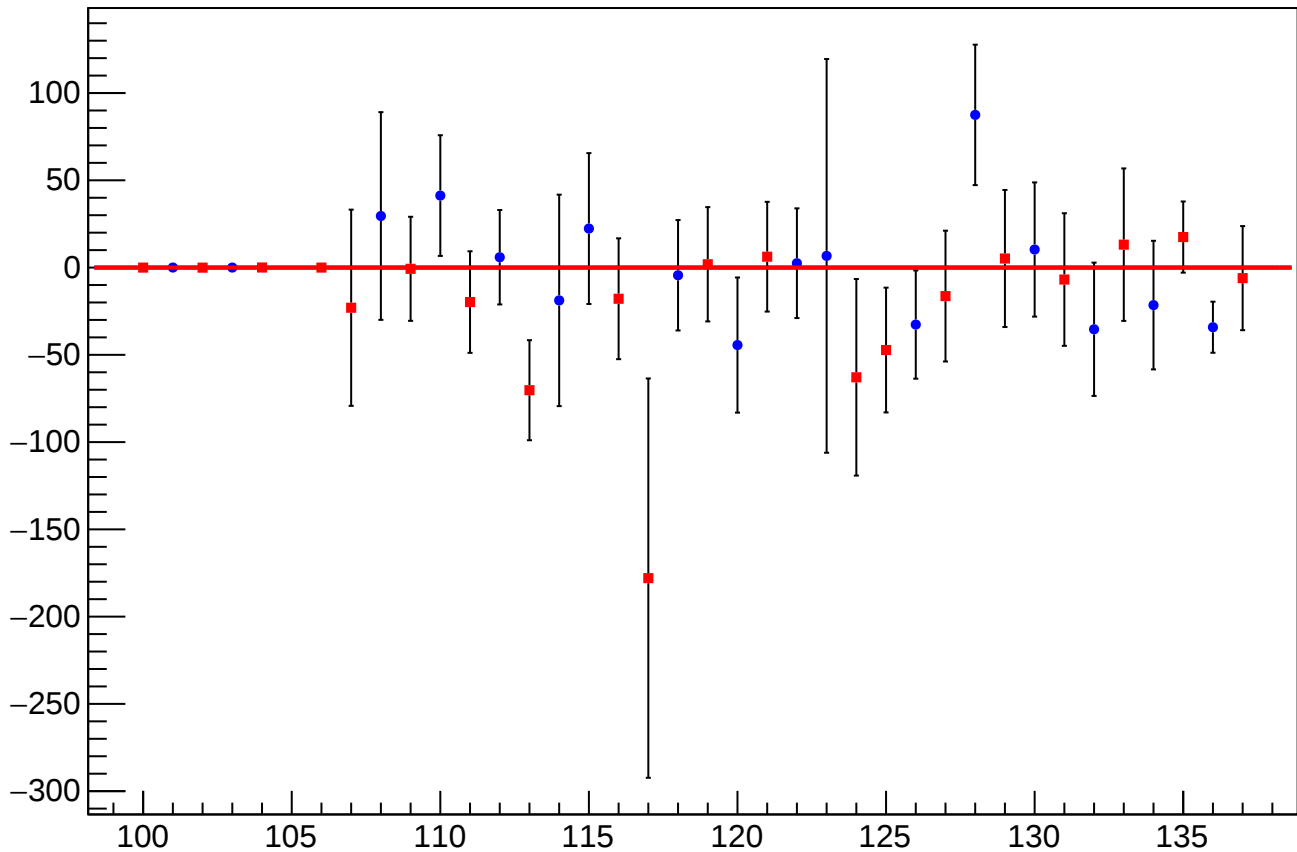
2341.130+/-0.808 χ^2/NDF : 5006864.7/16

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

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

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

diff_cav4bX_mean vs Slug



Right In: 0.013+/-0.017 χ^2/NDF : 16.2/16

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

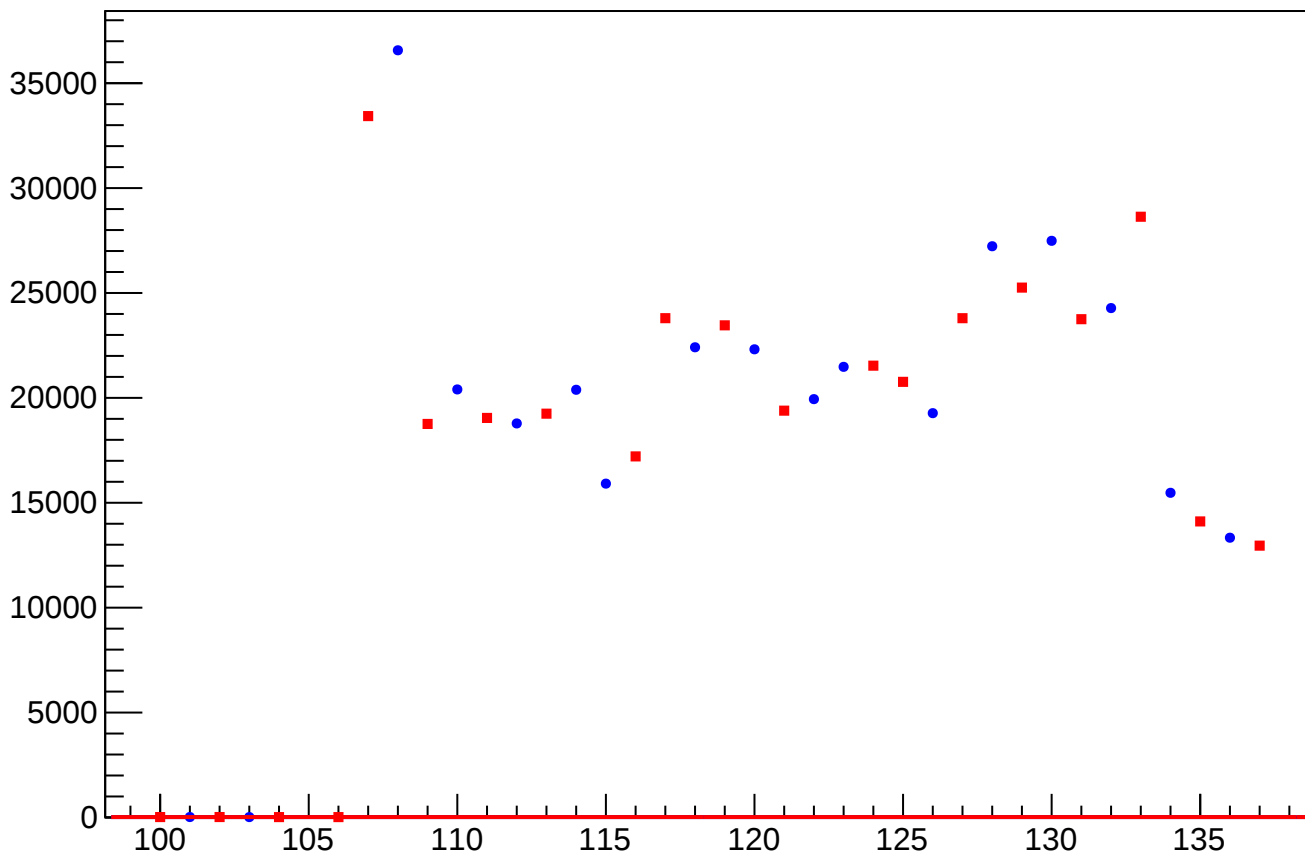
Right Out: 0.003+/-0.016 χ^2/NDF : 18.3/19

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

0.013+/-0.017 χ^2/NDF : 16.2/16

0.003+/-0.016 χ^2/NDF : 18.3/19

diff_cav4bX_rms vs Slug



Right In: 18.642+/-0.012 χ^2 /NDF: 10984160.5/16

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

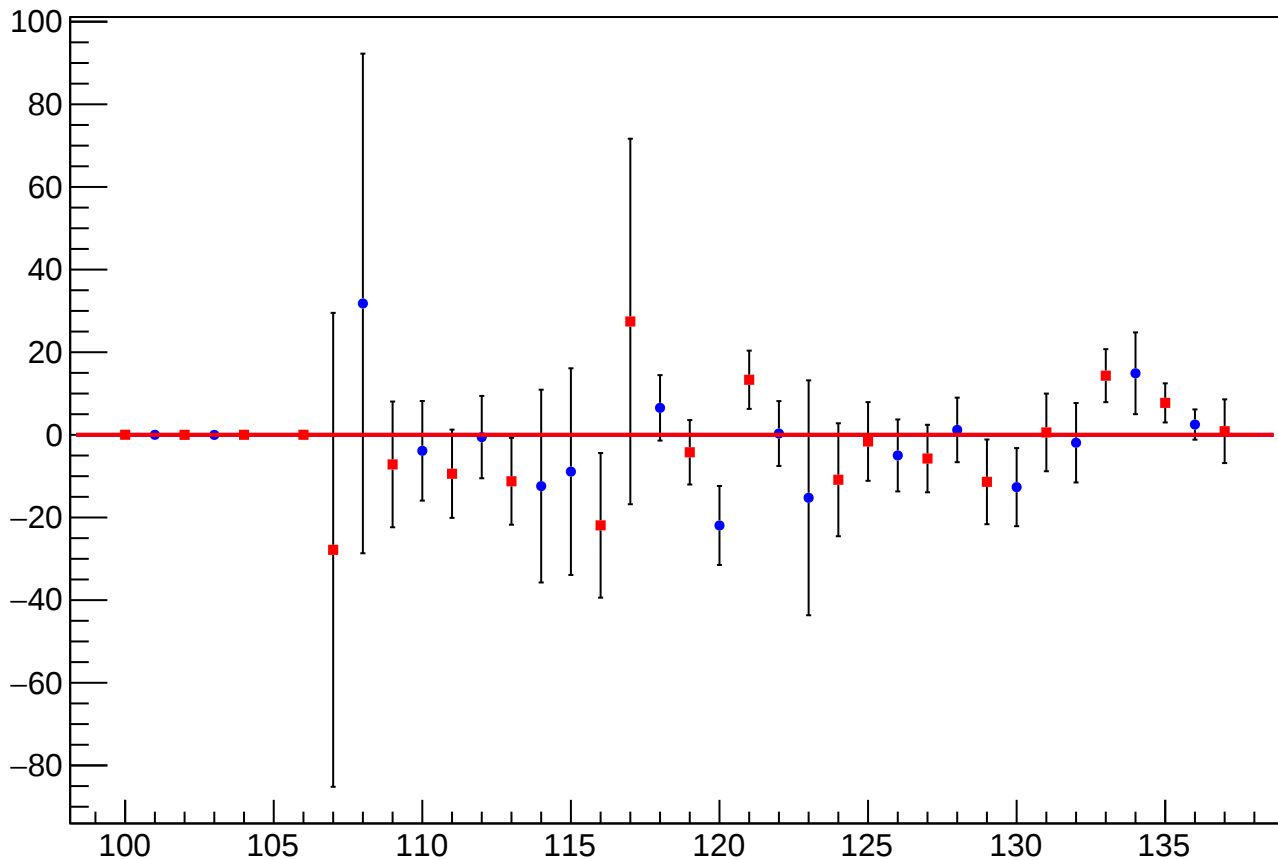
Right Out: 18.312+/-0.011 χ^2 /NDF: 11197081.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

18.642+/-0.012 χ^2 /NDF: 10984160.5/16

18.312+/-0.011 χ^2 /NDF: 11197081.8/19

diff_cav4bY_mean vs Slug



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

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

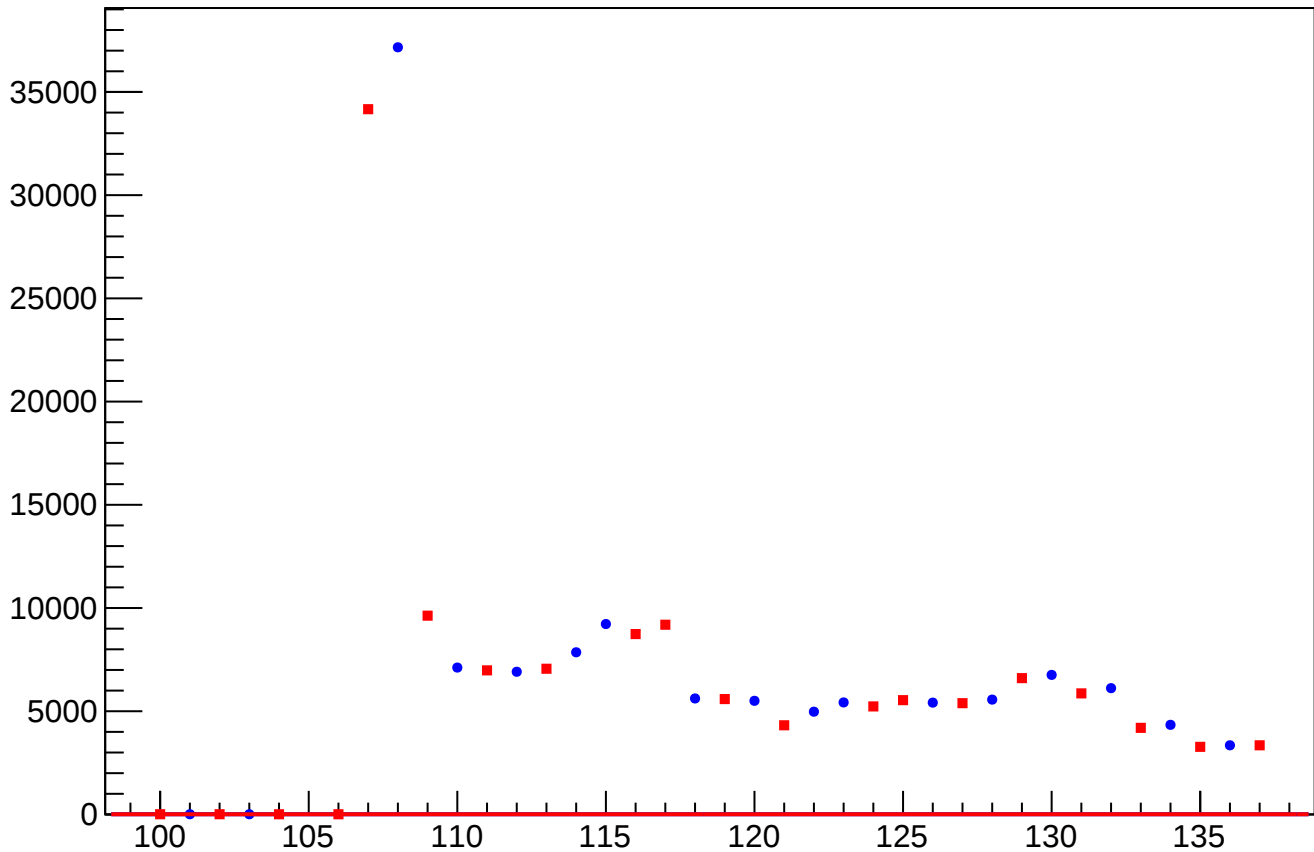
Right Out: 0.014+/-0.009 χ^2/NDF : 19.0/19

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

0.001+/-0.009 χ^2/NDF : 13.0/16

0.014+/-0.009 χ^2/NDF : 19.0/19

diff_cav4bY_rms vs Slug



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

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

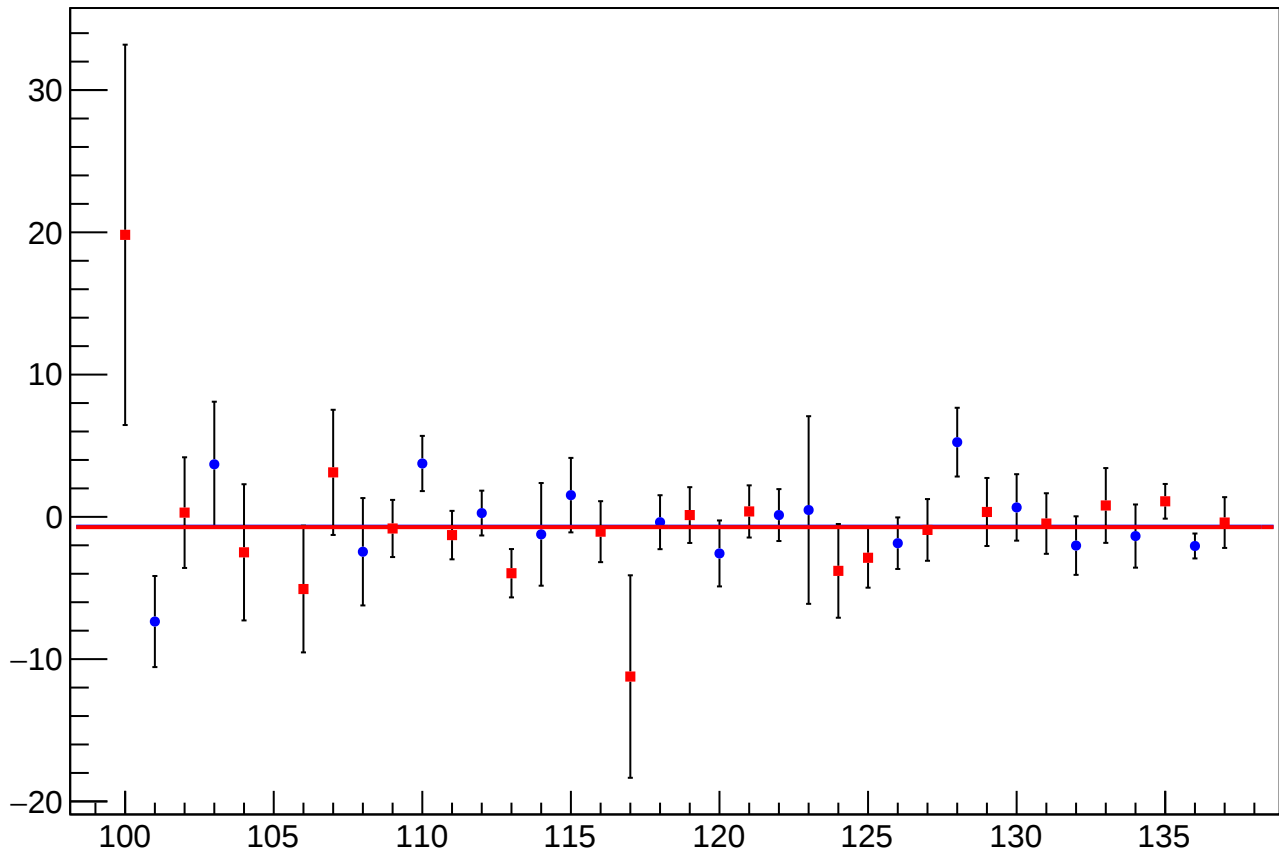
Right Out: 9.855+/-0.006 χ^2/NDF : 11246160.9/19

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

9.939+/-0.007 χ^2/NDF : 11114526.8/16

9.855+/-0.006 χ^2/NDF : 11246160.9/19

diff_cav4cX_mean vs Slug



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

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

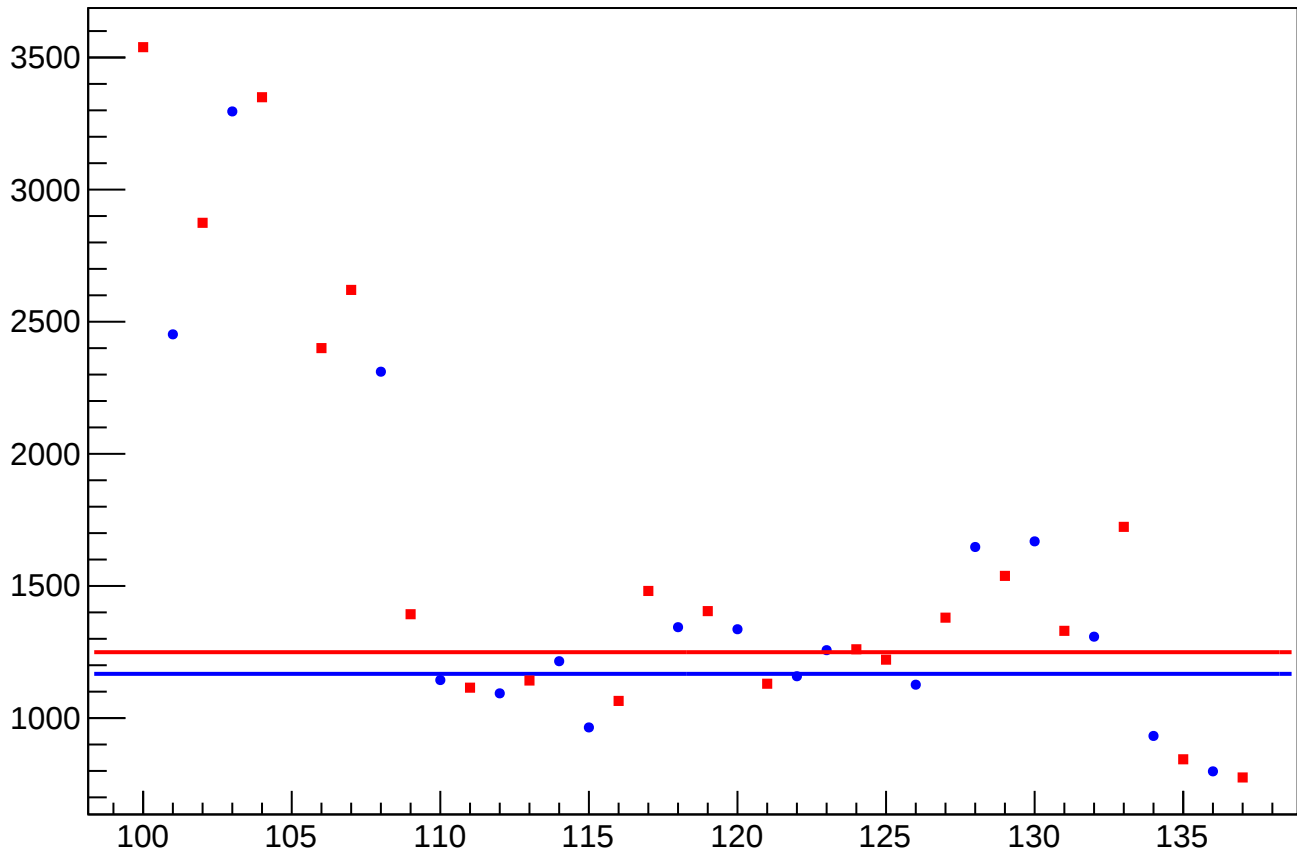
Right Out: -0.724+/-0.499 χ^2 /NDF: 15.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.689+/-0.482 χ^2 /NDF: 22.5/16

-0.724+/-0.499 χ^2 /NDF: 15.5/19

diff_cav4cX_rms vs Slug



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

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

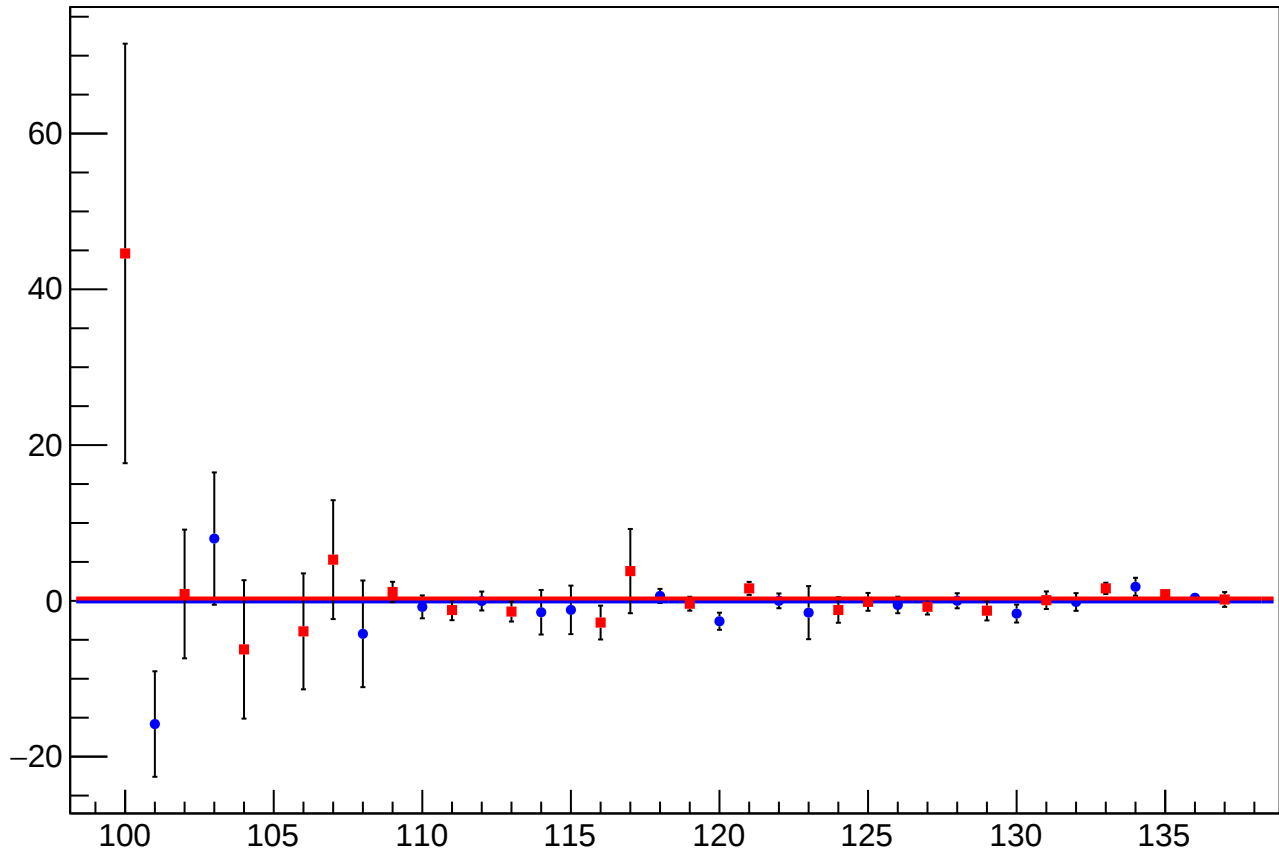
Right Out: 1249.388 $\pm$ 0.353 χ^2 /NDF: 1656159.5/19

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

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

1249.388 $\pm$ 0.353 χ^2 /NDF: 1656159.5/19

diff_cav4cY_mean vs Slug



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

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

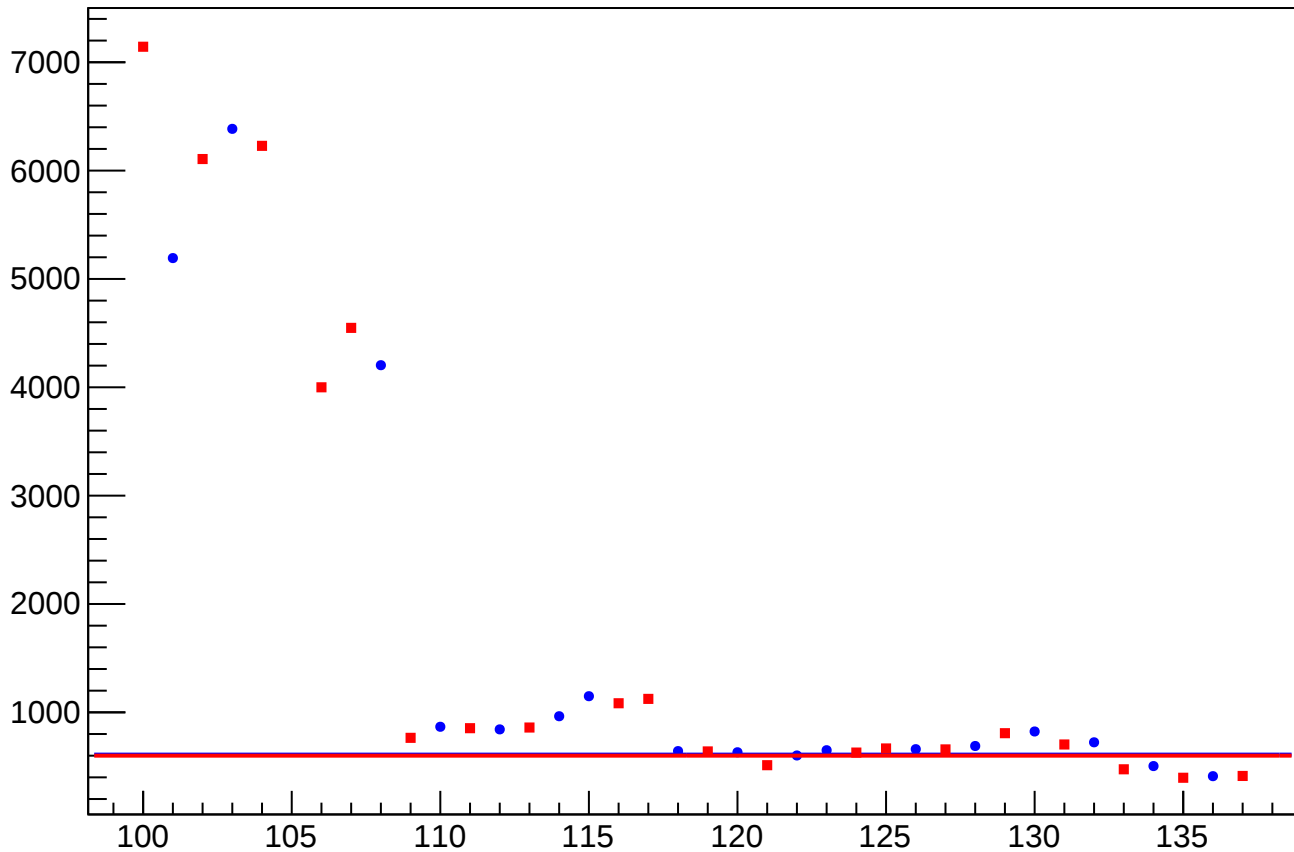
Right Out: 0.303+/-0.264 χ^2 /NDF: 20.7/19

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

-0.072+/-0.269 χ^2 /NDF: 19.2/16

0.303+/-0.264 χ^2 /NDF: 20.7/19

diff_cav4cY_rms vs Slug



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

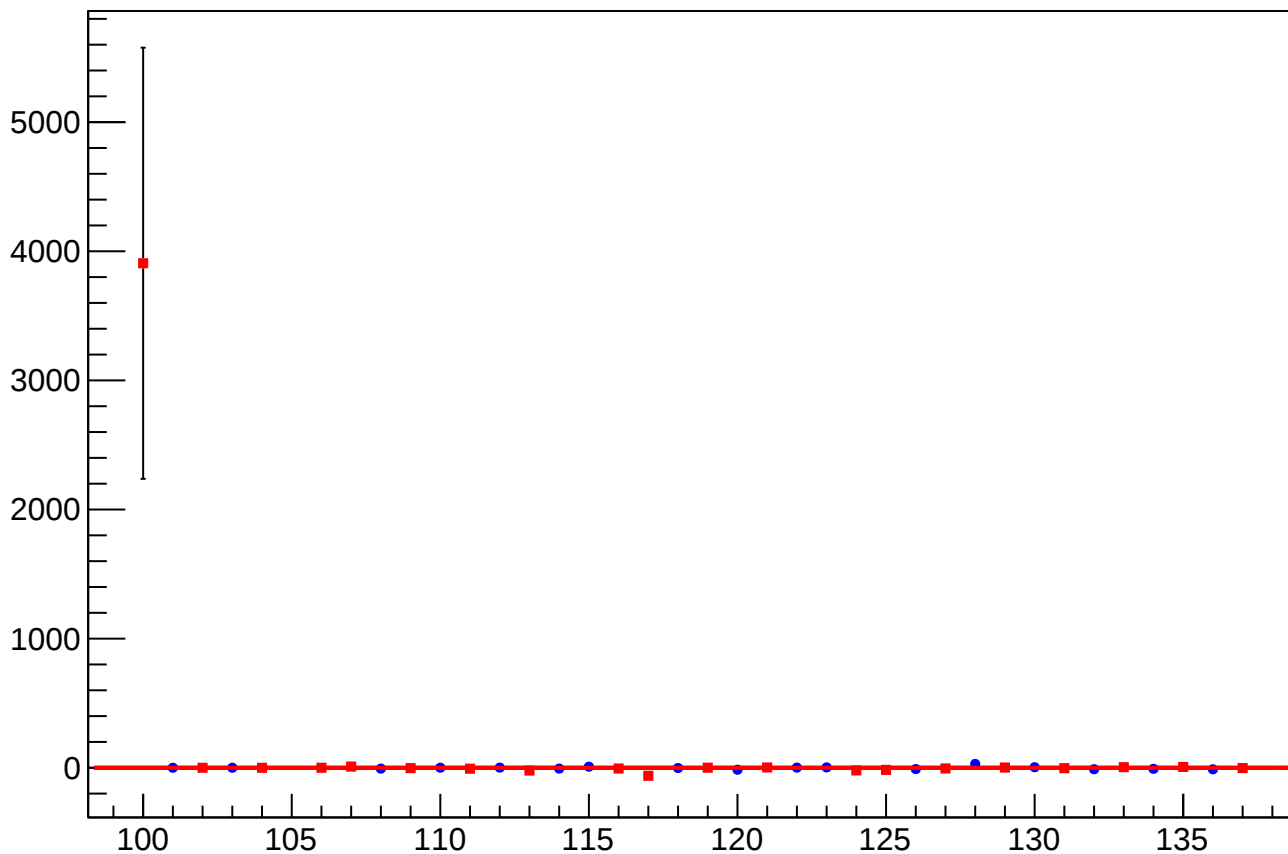
609.780 $\pm$ 0.190 χ^2 /NDF: 3135978.5/16

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

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

diff_cav4dX_mean vs Slug



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

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

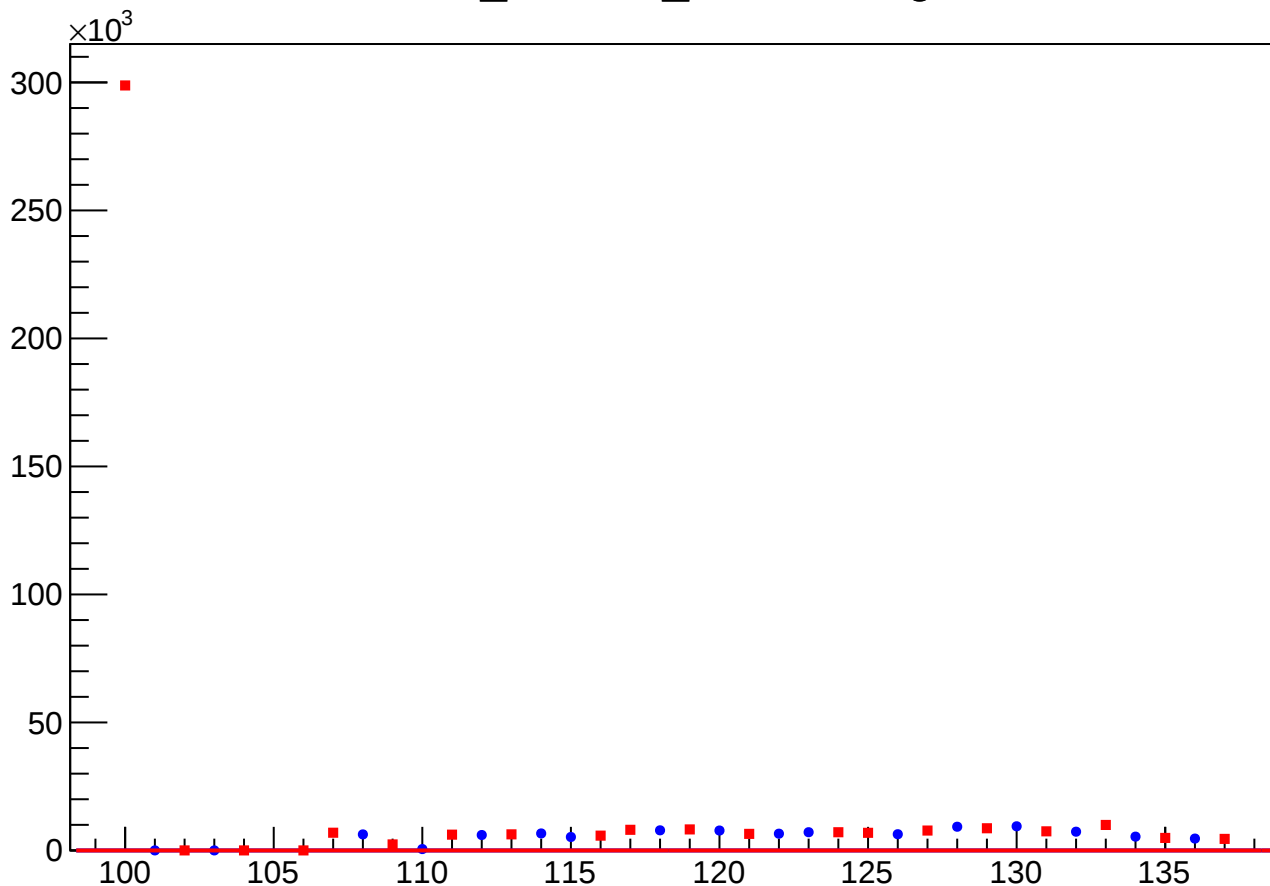
Right Out: -0.027+/-0.020 χ^2/NDF : 20.5/19

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

-0.022+/-0.021 χ^2/NDF : 15.6/16

-0.027+/-0.020 χ^2/NDF : 20.5/19

diff_cav4dX_rms vs Slug



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

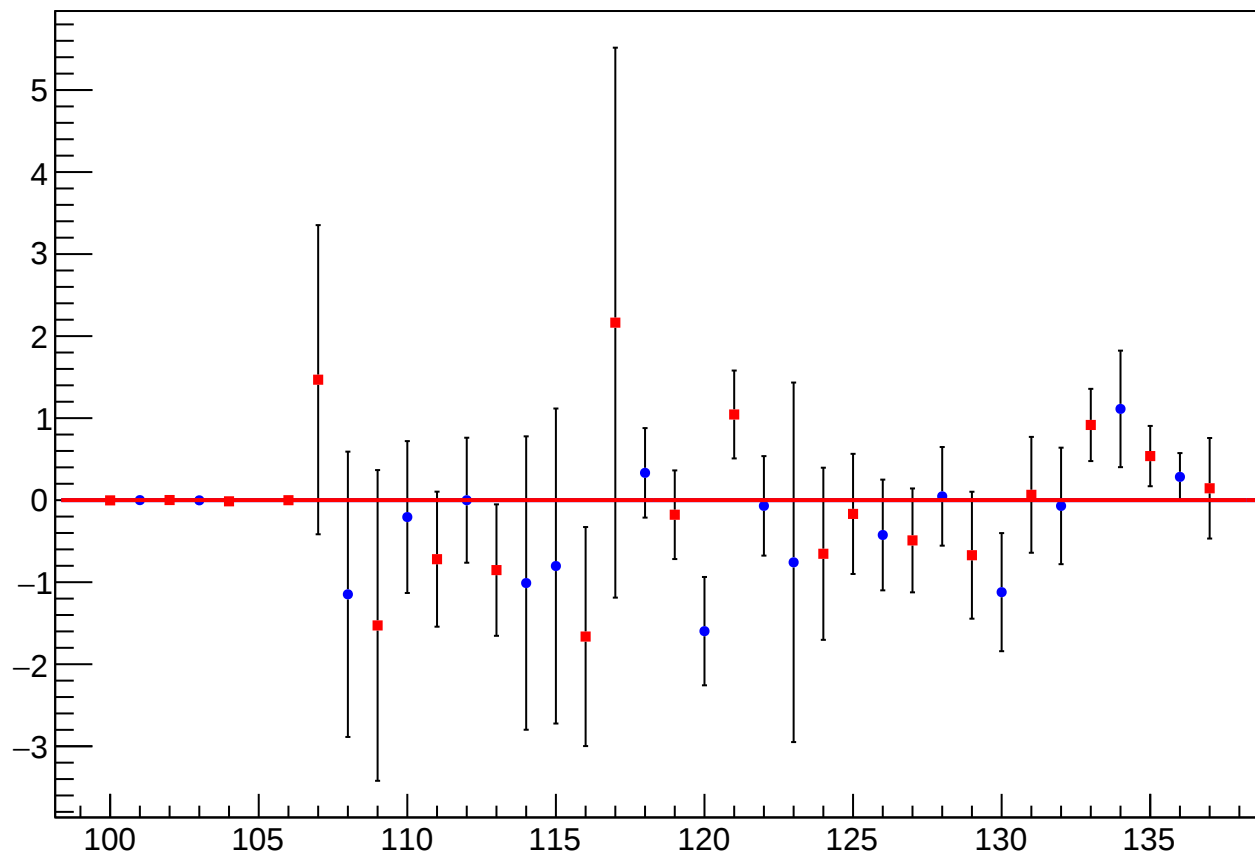
Right Out: 17.271 $\pm$ 0.014 χ^2 /NDF: 10906837.9/19

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

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

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

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 13.8/16

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

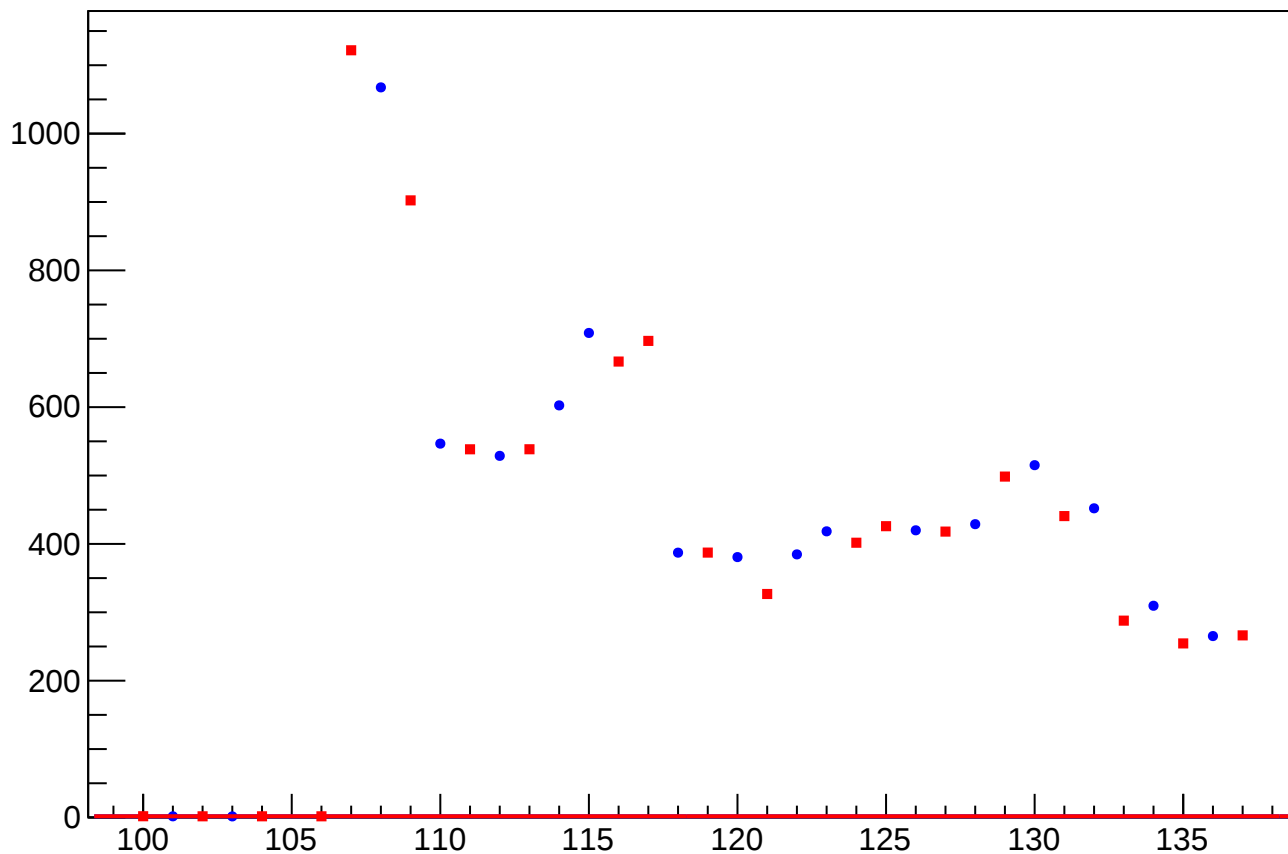
Right Out: 0.001+/-0.002 χ^2/NDF : 18.3/19

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

0.000+/-0.002 χ^2/NDF : 13.8/16

0.001+/-0.002 χ^2/NDF : 18.3/19

diff_cav4dY_rms vs Slug



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

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

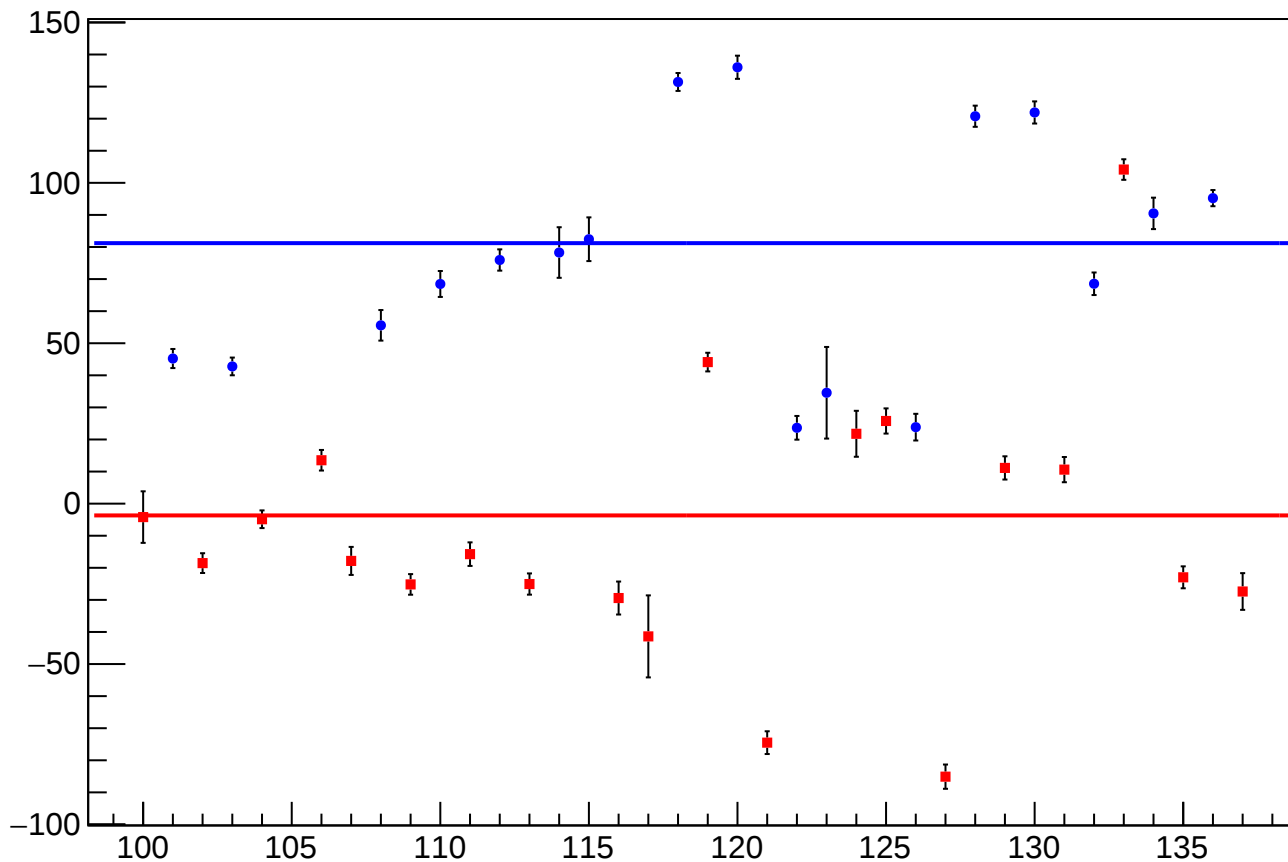
Right Out: 1.729+/-0.001 χ^2/NDF : 10829914.3/19

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

1.699+/-0.001 χ^2/NDF : 11053026.2/16

1.729+/-0.001 χ^2/NDF : 10829914.3/19

diff_bpm0i01X_mean vs Slug



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

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

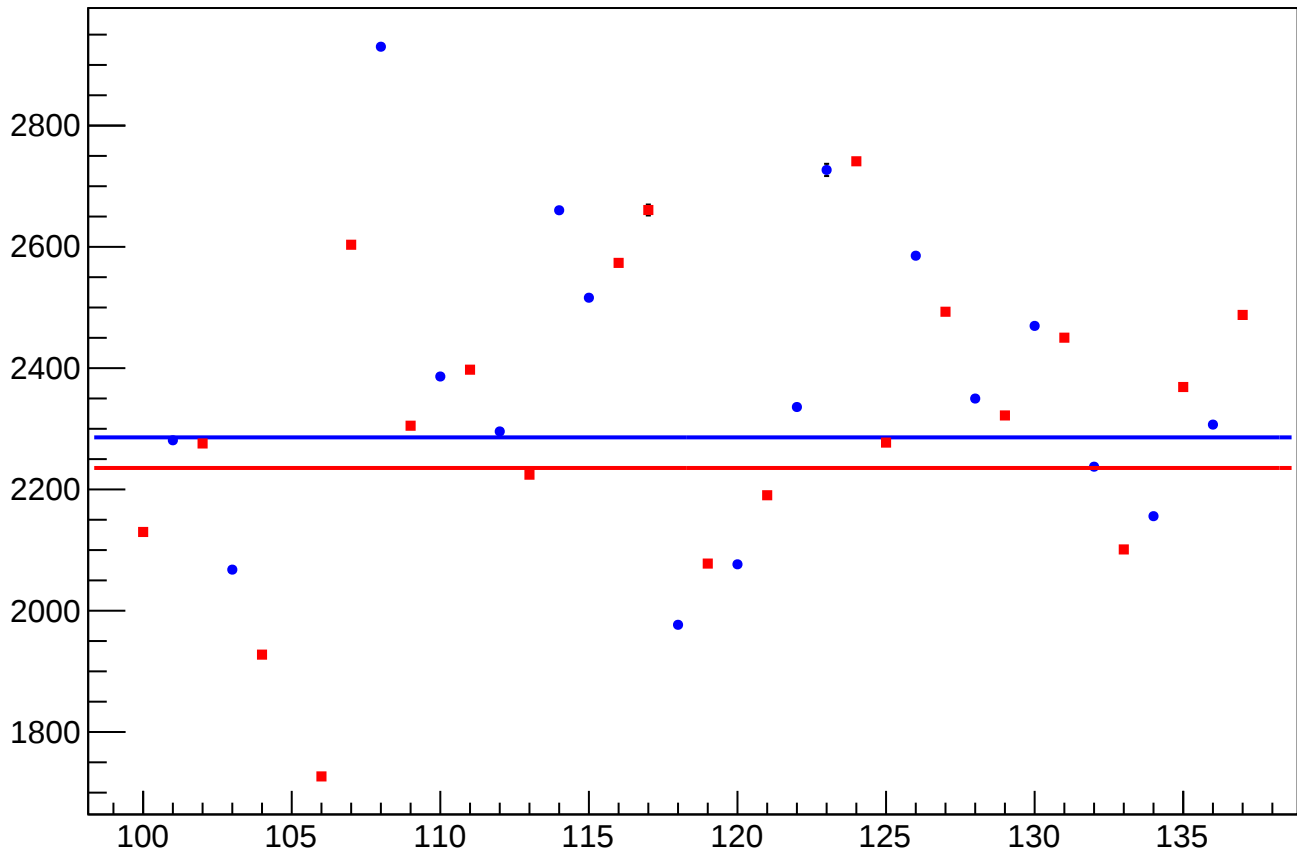
Right Out: -3.672 $\pm$ 0.841 χ^2 /NDF: 2607.8/19

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

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

-3.672 $\pm$ 0.841 χ^2 /NDF: 2607.8/19

diff_bpm0i01X_rms vs Slug



Right In: 2285.855+/-0.626 χ^2/NDF : 109336.5/16

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

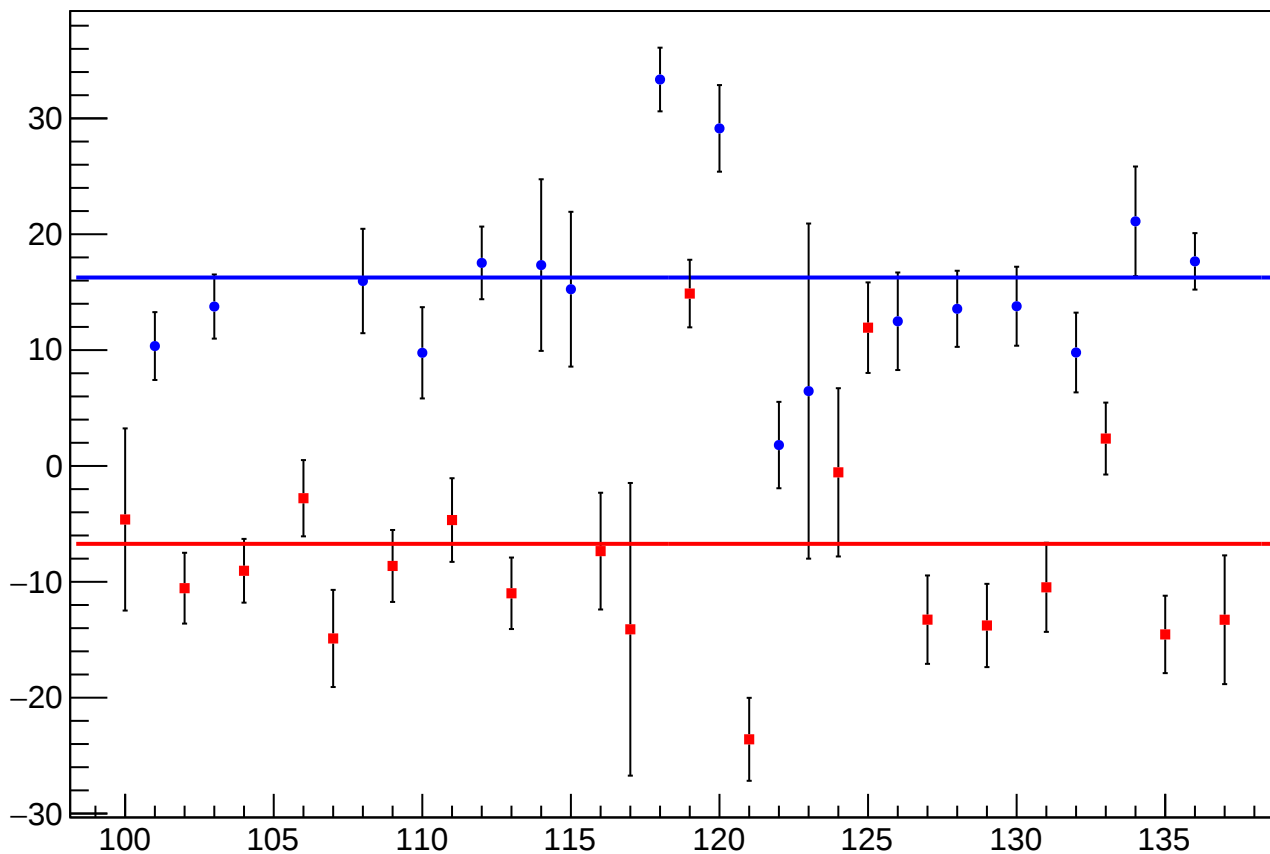
Right Out: 2235.394+/-0.594 χ^2/NDF : 149072.1/19

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

2285.855+/-0.626 χ^2/NDF : 109336.5/16

2235.394+/-0.594 χ^2/NDF : 149072.1/19

diff_bpm0i01Y_mean vs Slug



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

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

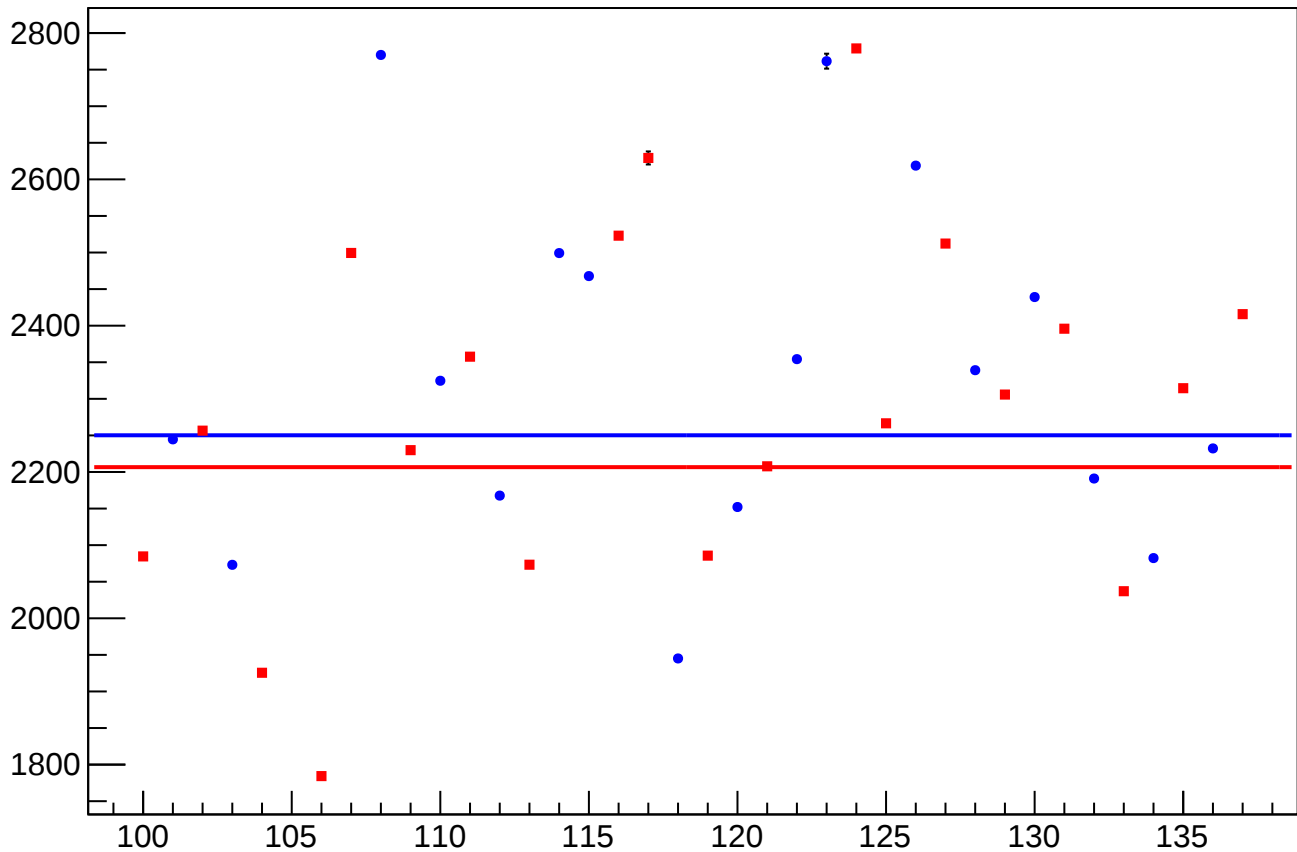
Right Out: -6.722+/-0.829 χ^2/NDF : 134.3/19

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

16.265+/-0.872 χ^2/NDF : 80.8/16

-6.722+/-0.829 χ^2/NDF : 134.3/19

diff_bpm0i01Y_rms vs Slug



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

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

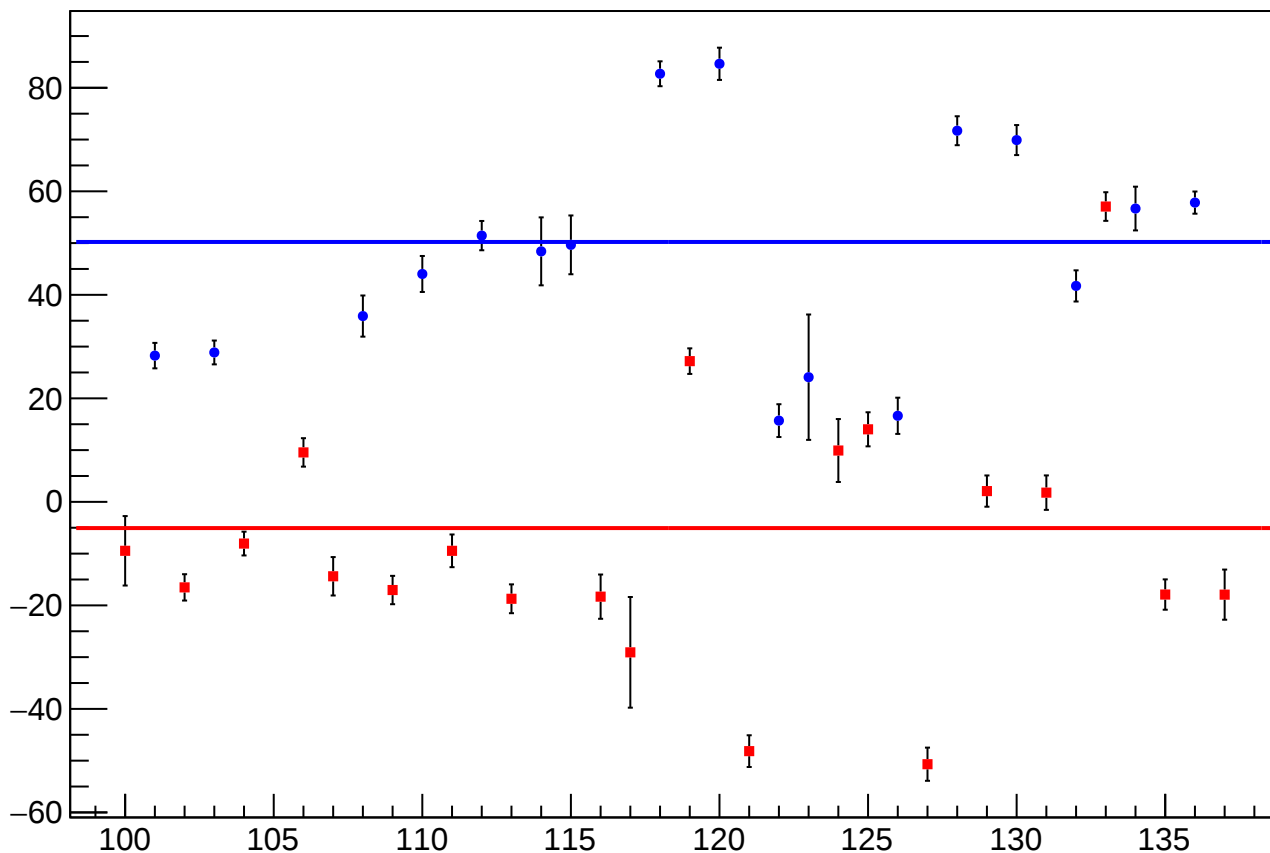
2250.175+/-0.616 χ^2 /NDF: 97578.1/16

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

diff_bpm0i01aX_mean vs Slug



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

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

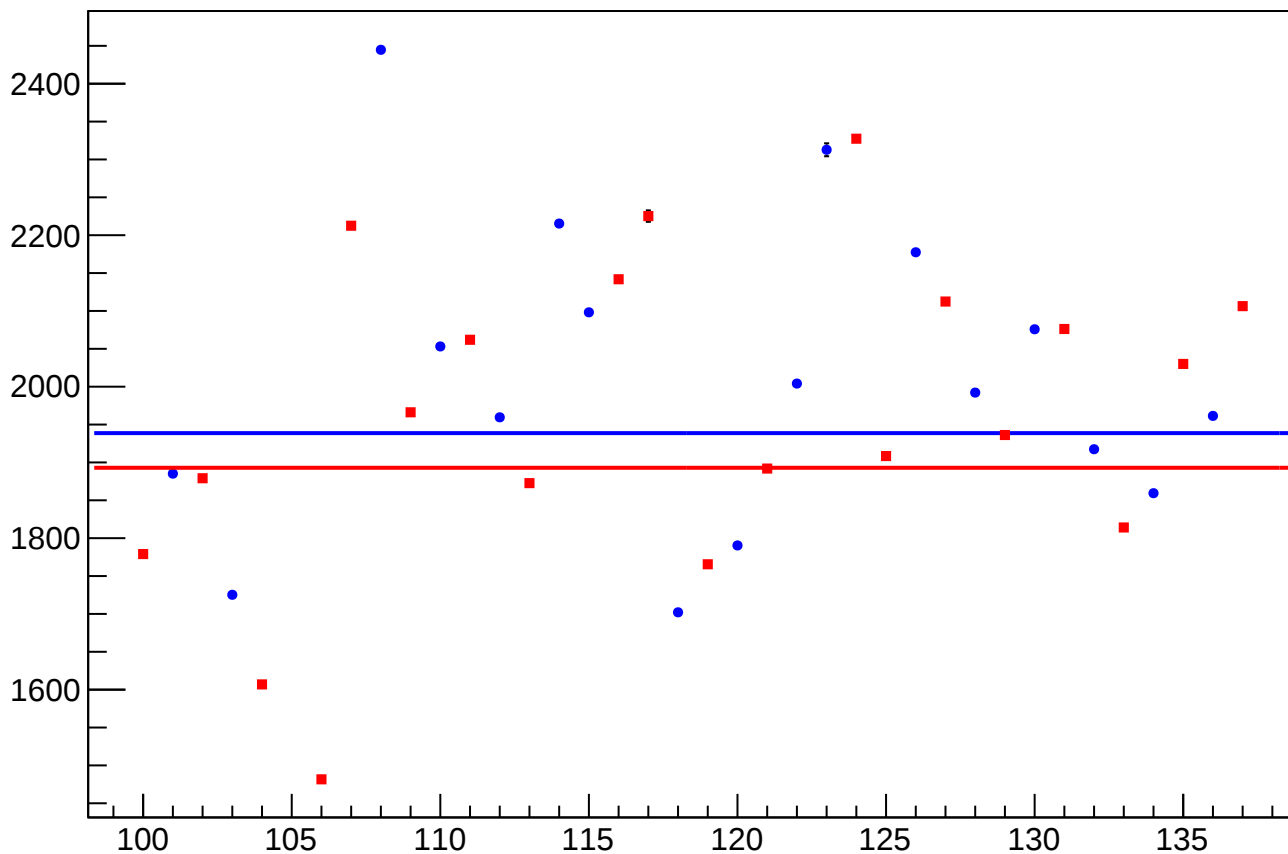
Right Out: -5.065+/-0.712 χ^2/NDF : 1267.6/19

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

50.215+/-0.751 χ^2/NDF : 830.3/16

-5.065+/-0.712 χ^2/NDF : 1267.6/19

diff_bpm0i01aX_rms vs Slug



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

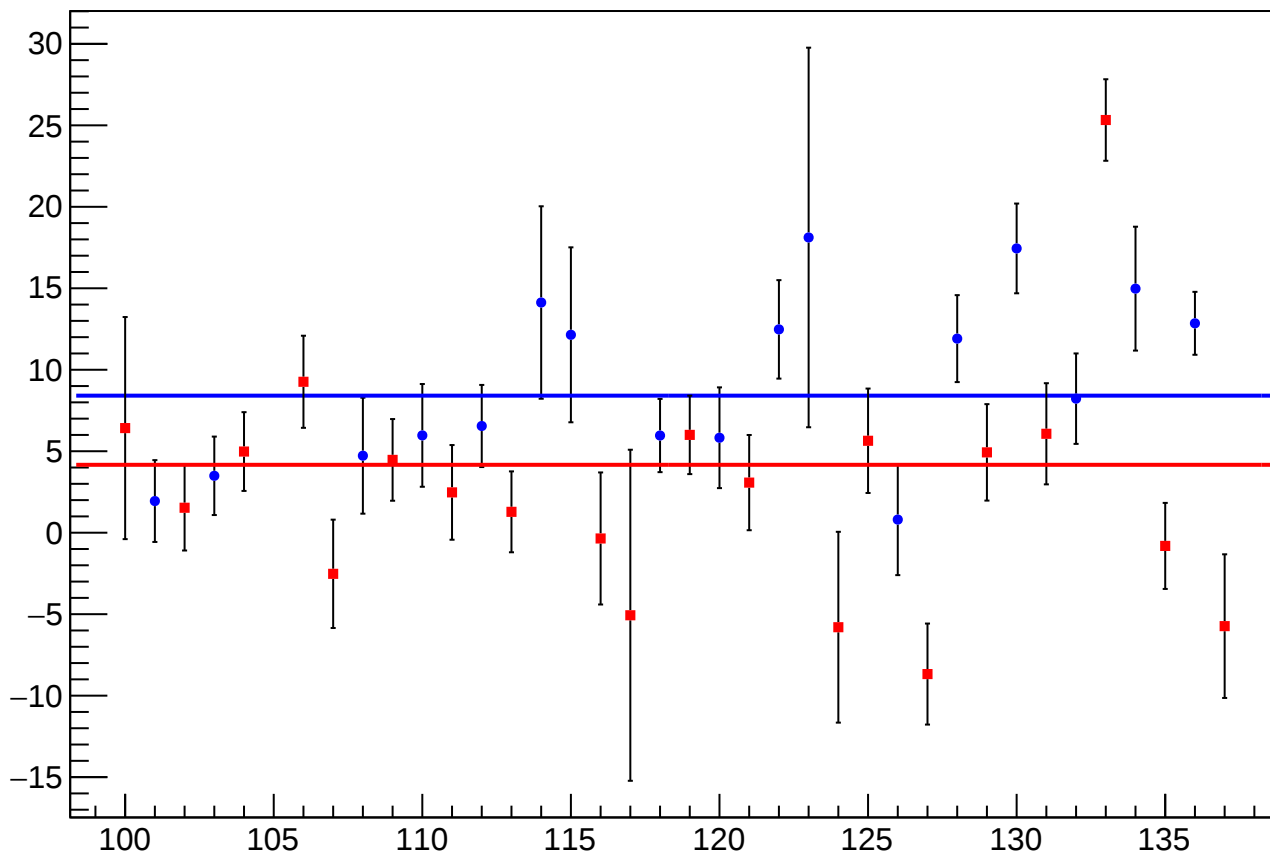
Right Out: 1892.946 $\pm$ 0.503 χ^2 /NDF: 148563.2/19

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

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

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

diff_bpm0i01aY_mean vs Slug



Right In: 8.411+/-0.711 χ^2/NDF : 44.6/16

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

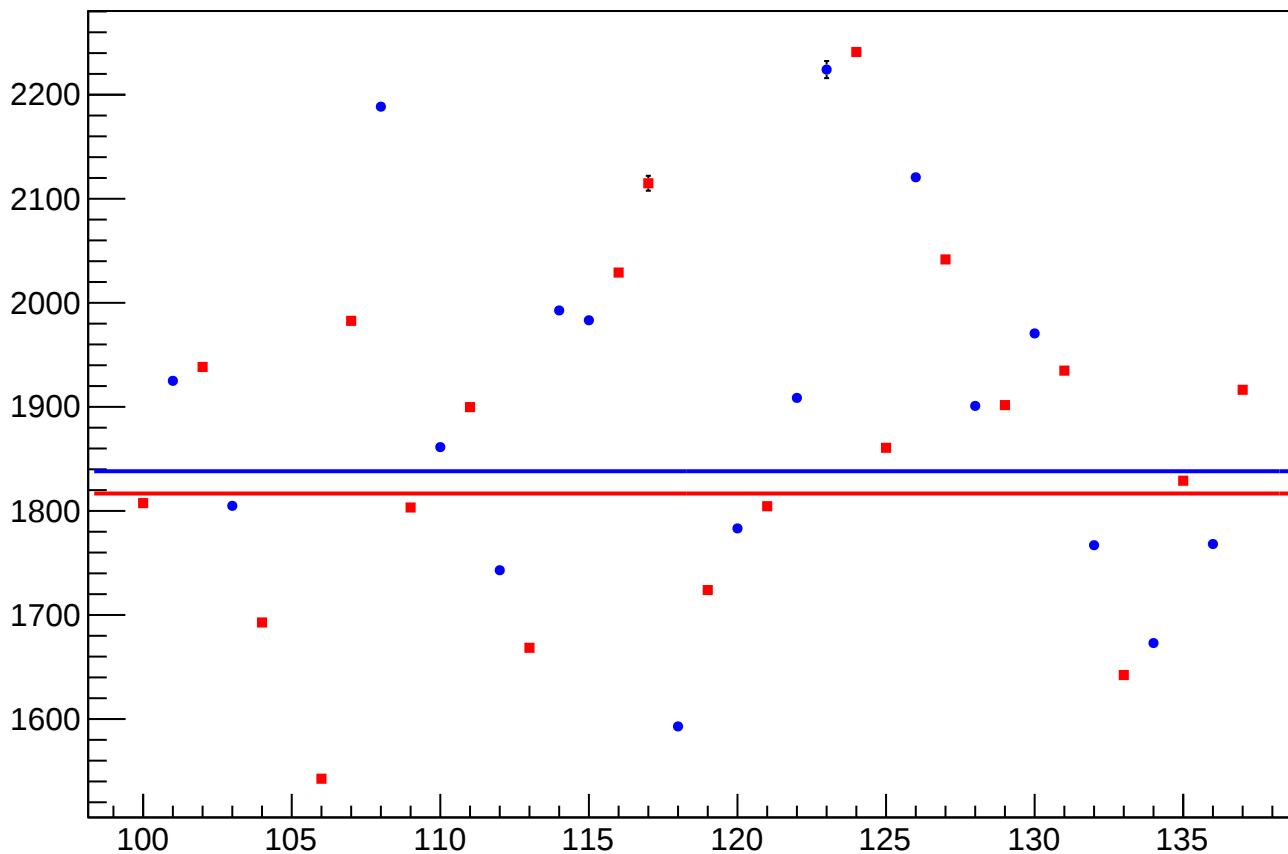
Right Out: 4.167+/-0.681 χ^2/NDF : 113.9/19

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

8.411+/-0.711 χ^2/NDF : 44.6/16

4.167+/-0.681 χ^2/NDF : 113.9/19

diff_bpm0i01aY_rms vs Slug



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

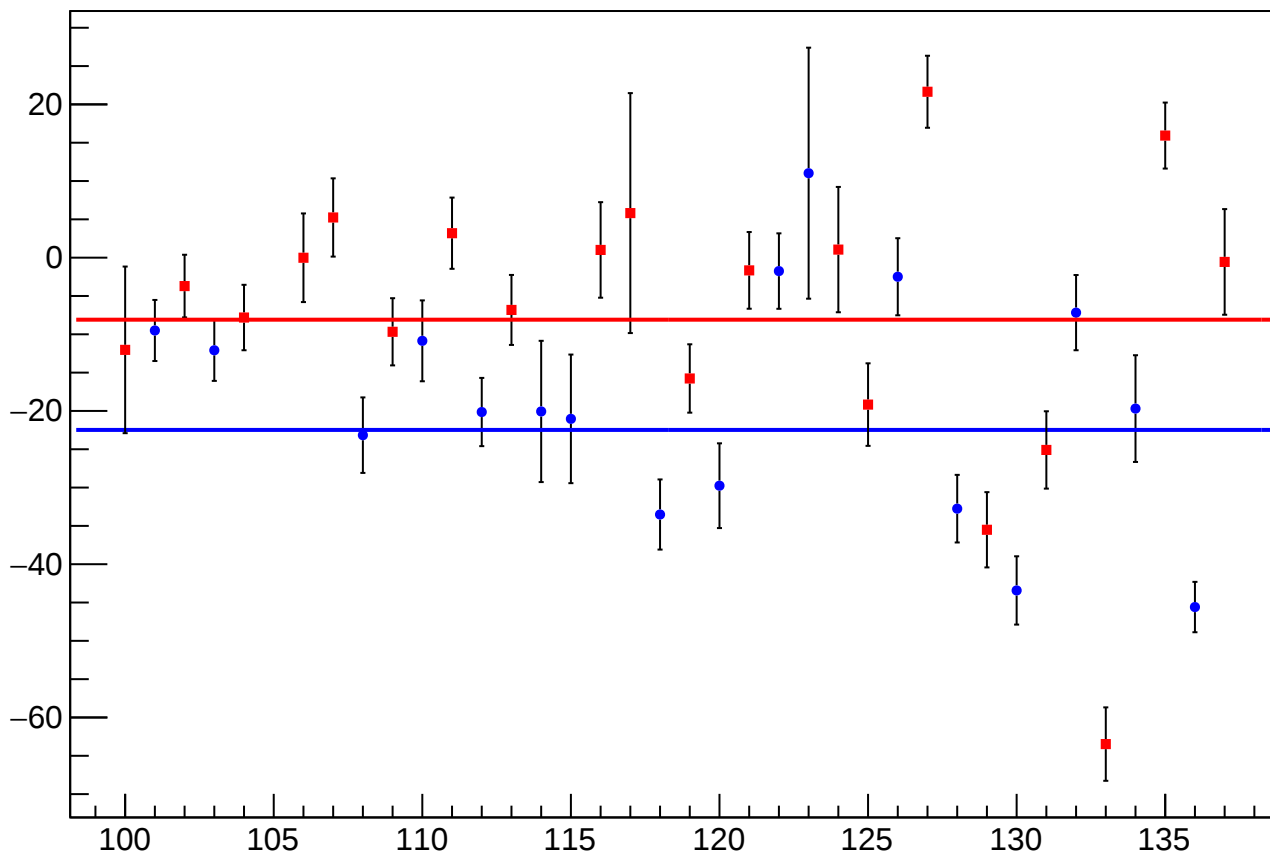
Right Out: 1816.748 $\pm$ 0.481 χ^2 /NDF: 89149.7/19

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

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

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

diff_bpm0l01X_mean vs Slug



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

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

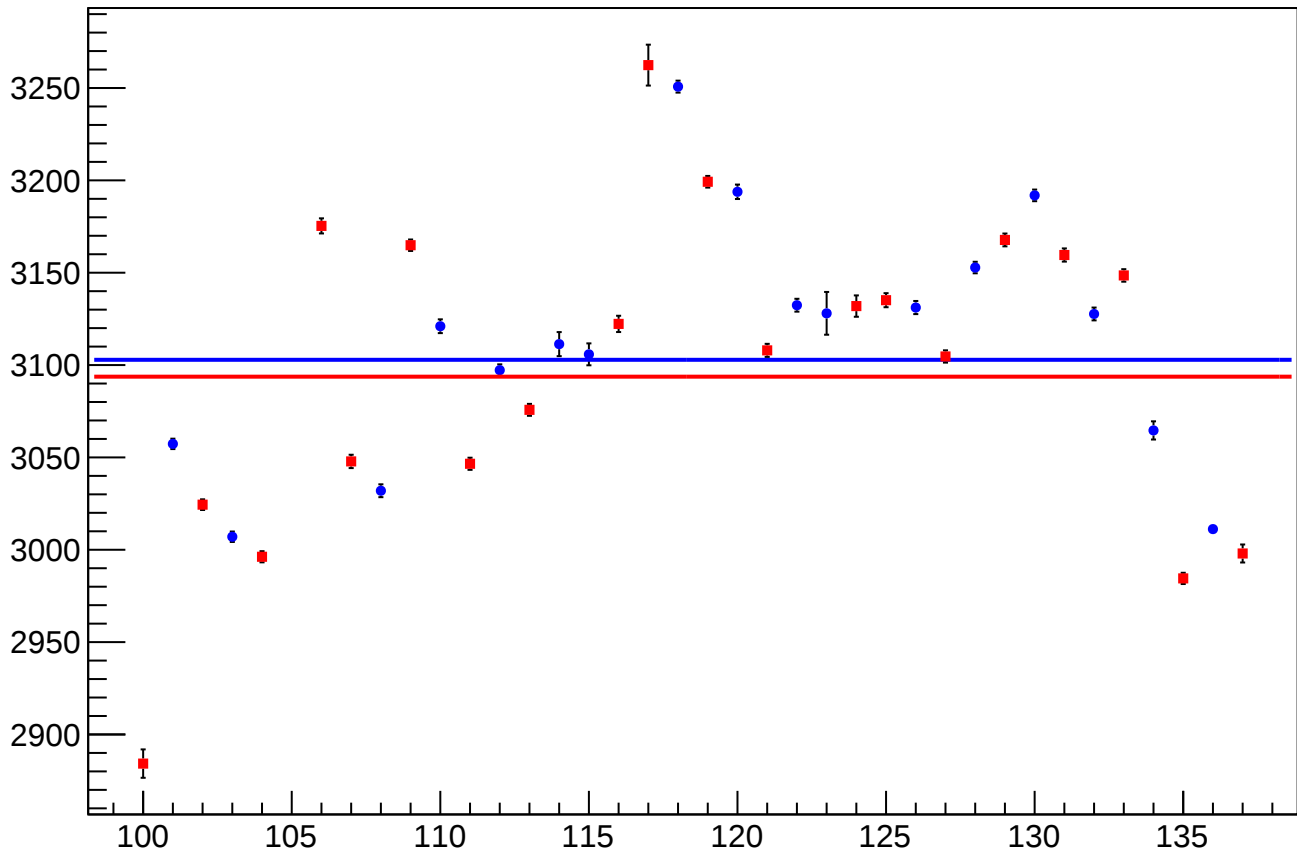
Right Out: -8.093 ± 1.153 χ^2/NDF : 277.7/19

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

-22.477 ± 1.195 χ^2/NDF : 154.7/16

-8.093 ± 1.153 χ^2/NDF : 277.7/19

diff_bpm0l01X_rms vs Slug



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

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

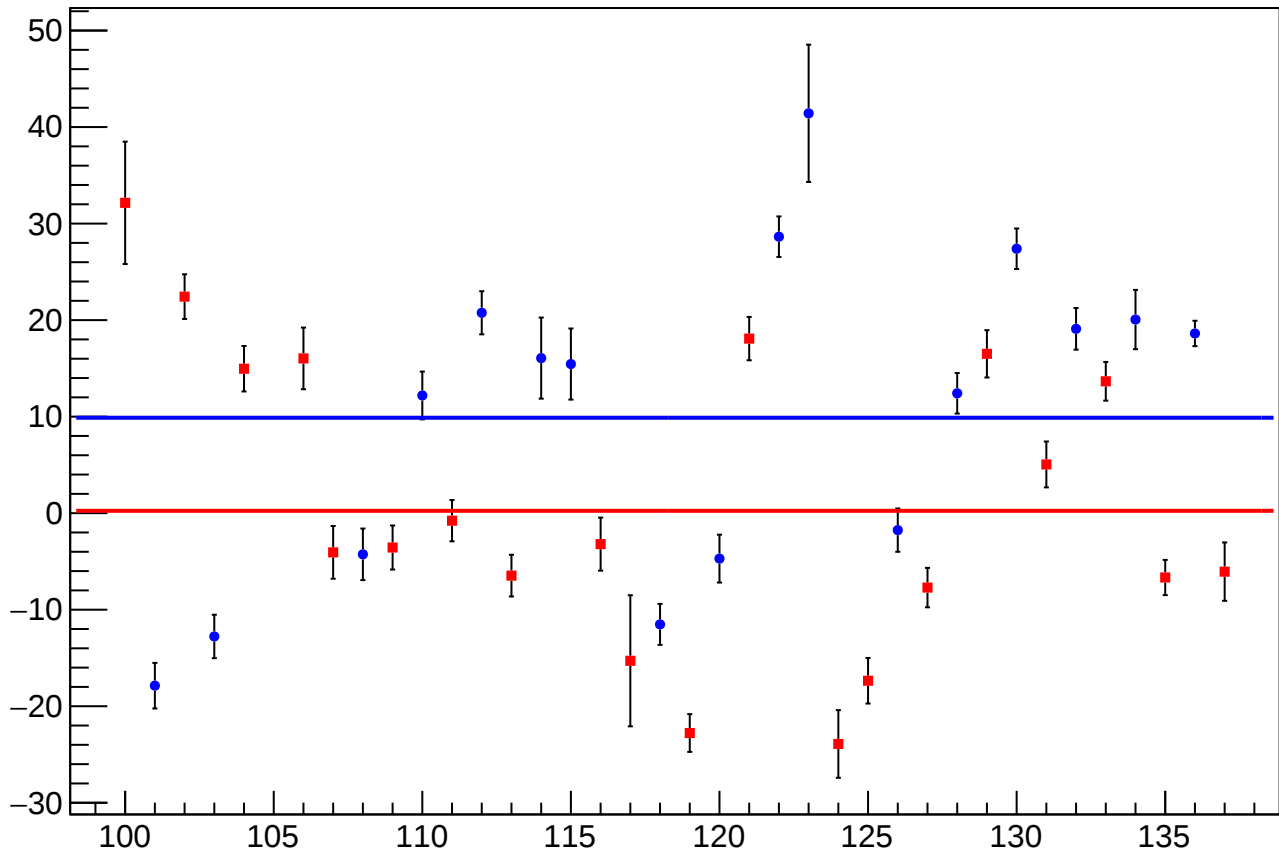
Right Out: 3093.715 $\pm$ 0.816 χ^2 /NDF: 7996.8/19

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

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

3093.715 $\pm$ 0.816 χ^2 /NDF: 7996.8/19

diff_bpm0l01Y_mean vs Slug



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

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

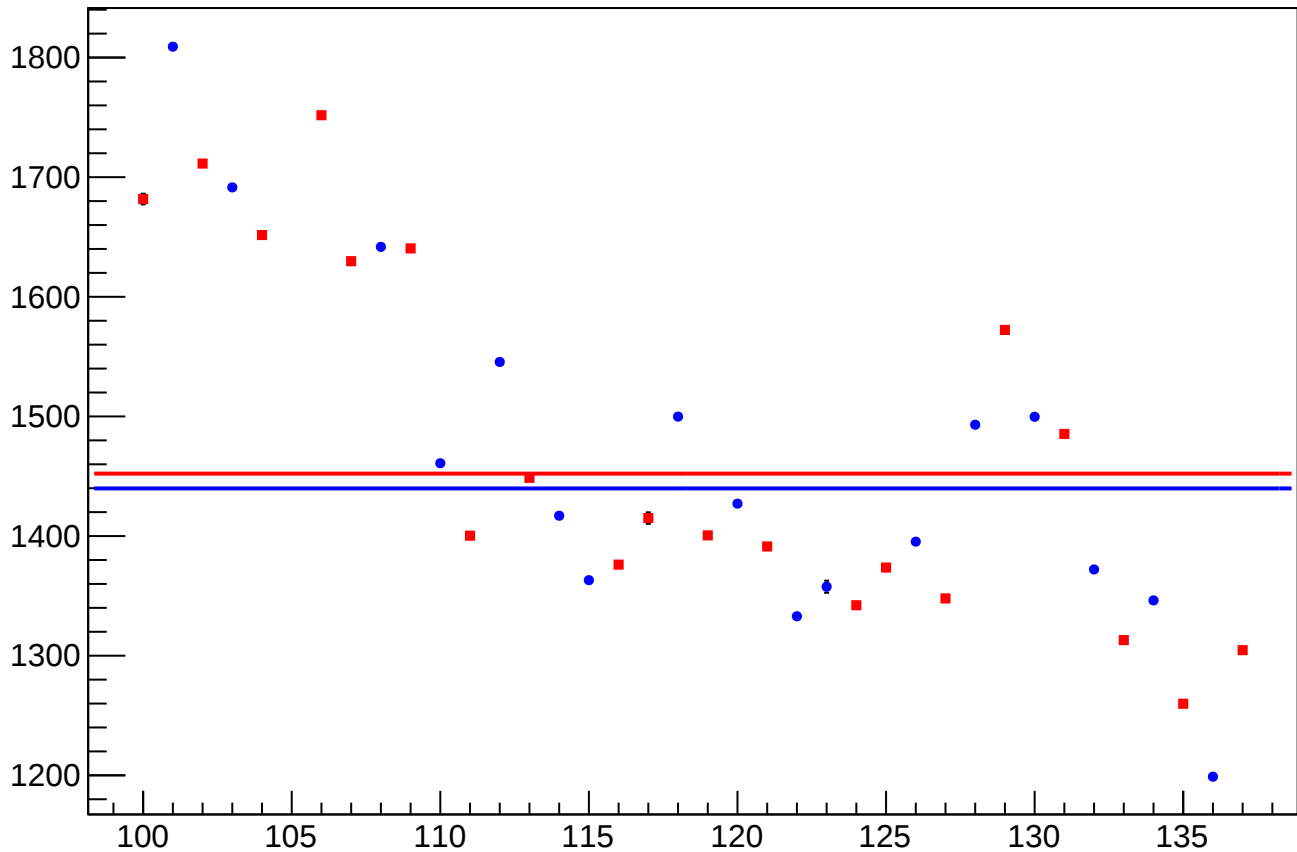
Right Out: 0.245+/-0.545 χ^2/NDF : 634.1/19

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

9.887+/-0.559 χ^2/NDF : 703.6/16

0.245+/-0.545 χ^2/NDF : 634.1/19

diff_bpm0l01Y_rms vs Slug



Right In: 1439.826+/-0.396 χ^2/NDF : 172823.5/16

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

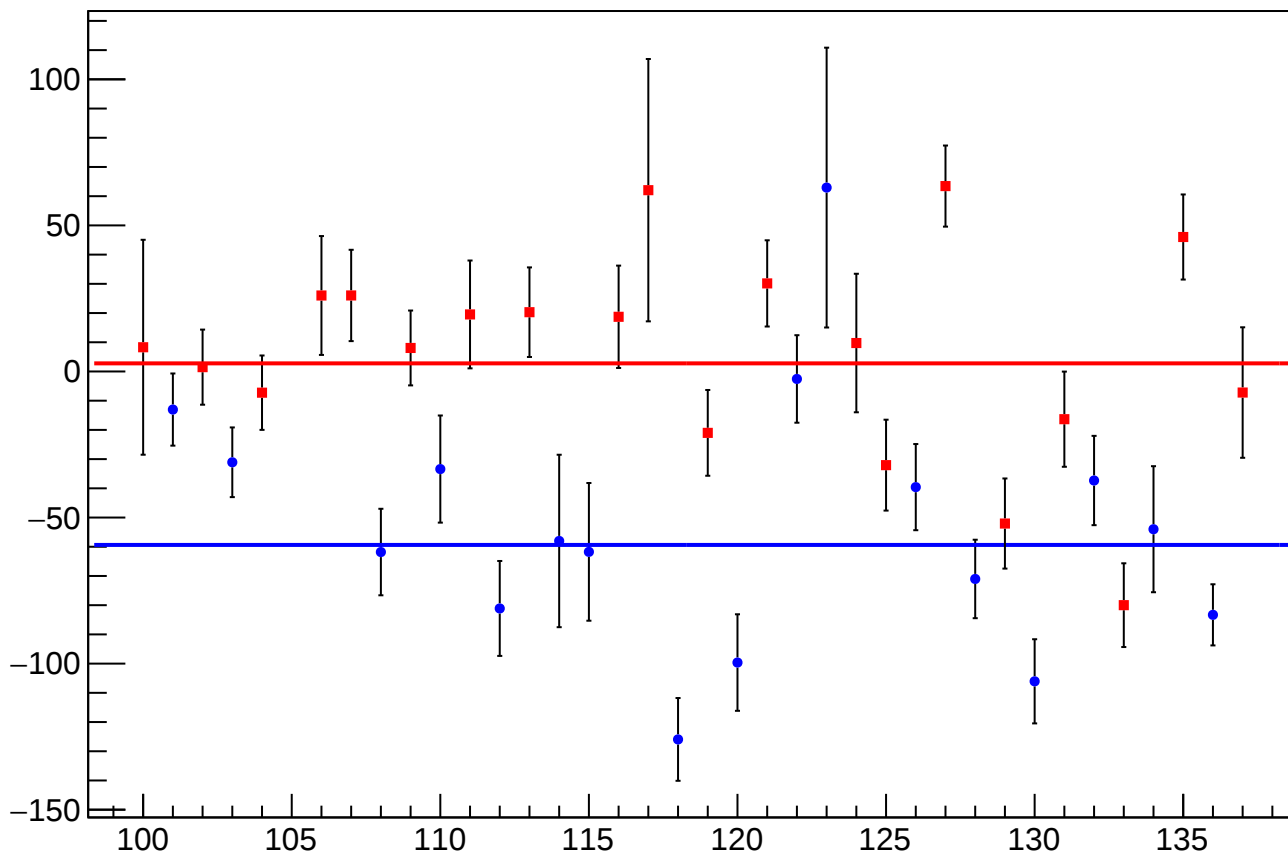
1439.826+/-0.396 χ^2/NDF : 172823.5/16

Right Out: 1452.211+/-0.385 χ^2/NDF : 138579.9/19

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

1452.211+/-0.385 χ^2/NDF : 138579.9/19

diff_bpm0l02X_mean vs Slug



Right In: -59.374 $\pm$ 3.729 χ^2 /NDF: 92.9/16

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

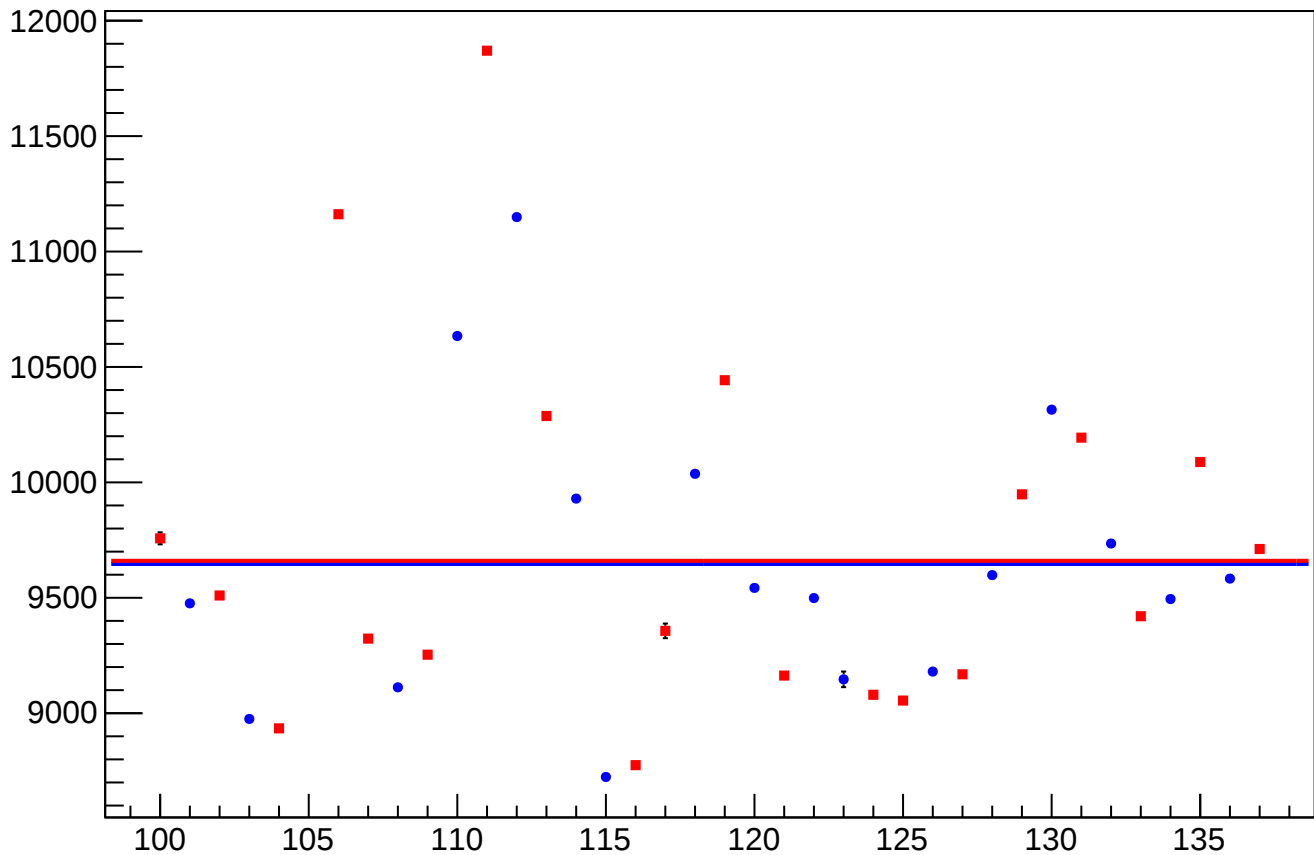
Right Out: 2.776 $\pm$ 3.618 χ^2 /NDF: 95.7/19

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

-59.374 $\pm$ 3.729 χ^2 /NDF: 92.9/16

2.776 $\pm$ 3.618 χ^2 /NDF: 95.7/19

diff_bpm0l02X_rms vs Slug



Right In: 9646.480+/-2.637 χ^2 /NDF: 44060.3/16

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

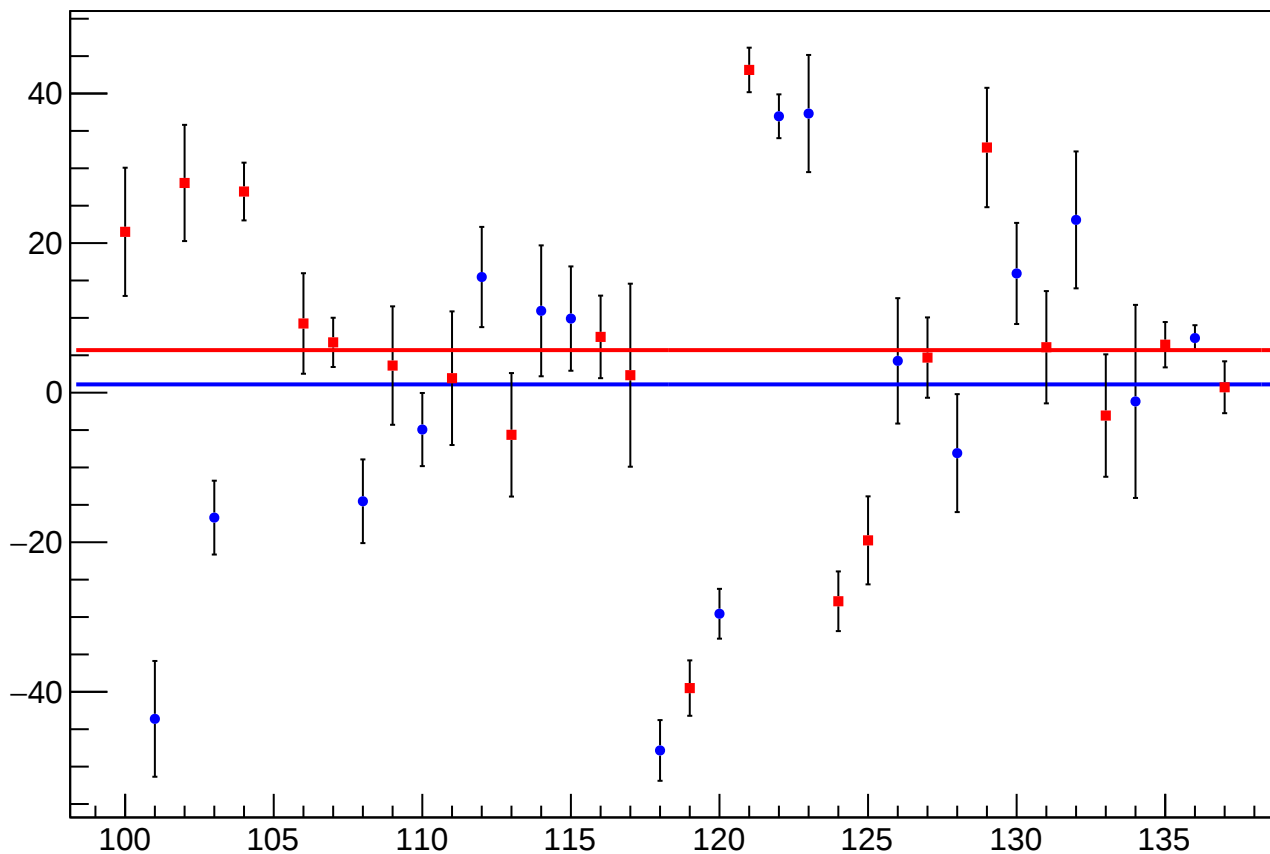
Right Out: 9660.380+/-2.558 χ^2 /NDF: 77676.0/19

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

9646.480+/-2.637 χ^2 /NDF: 44060.3/16

9660.380+/-2.558 χ^2 /NDF: 77676.0/19

diff_bpm0l02Y_mean vs Slug



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

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

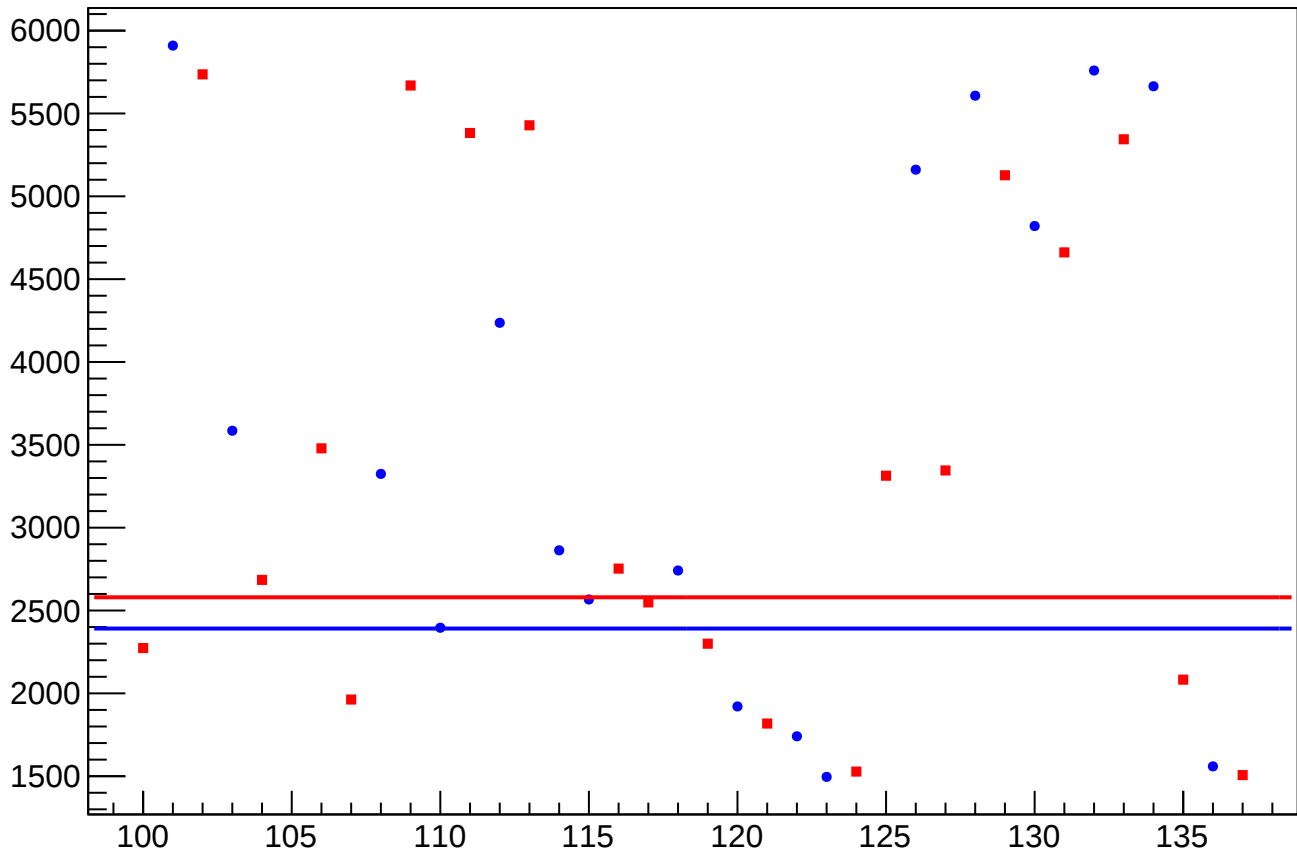
Right Out: 5.689+/-1.087 χ^2/NDF : 456.0/19

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

1.106+/-1.066 χ^2/NDF : 489.7/16

5.689+/-1.087 χ^2/NDF : 456.0/19

diff_bpm0l02Y_rms vs Slug



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

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

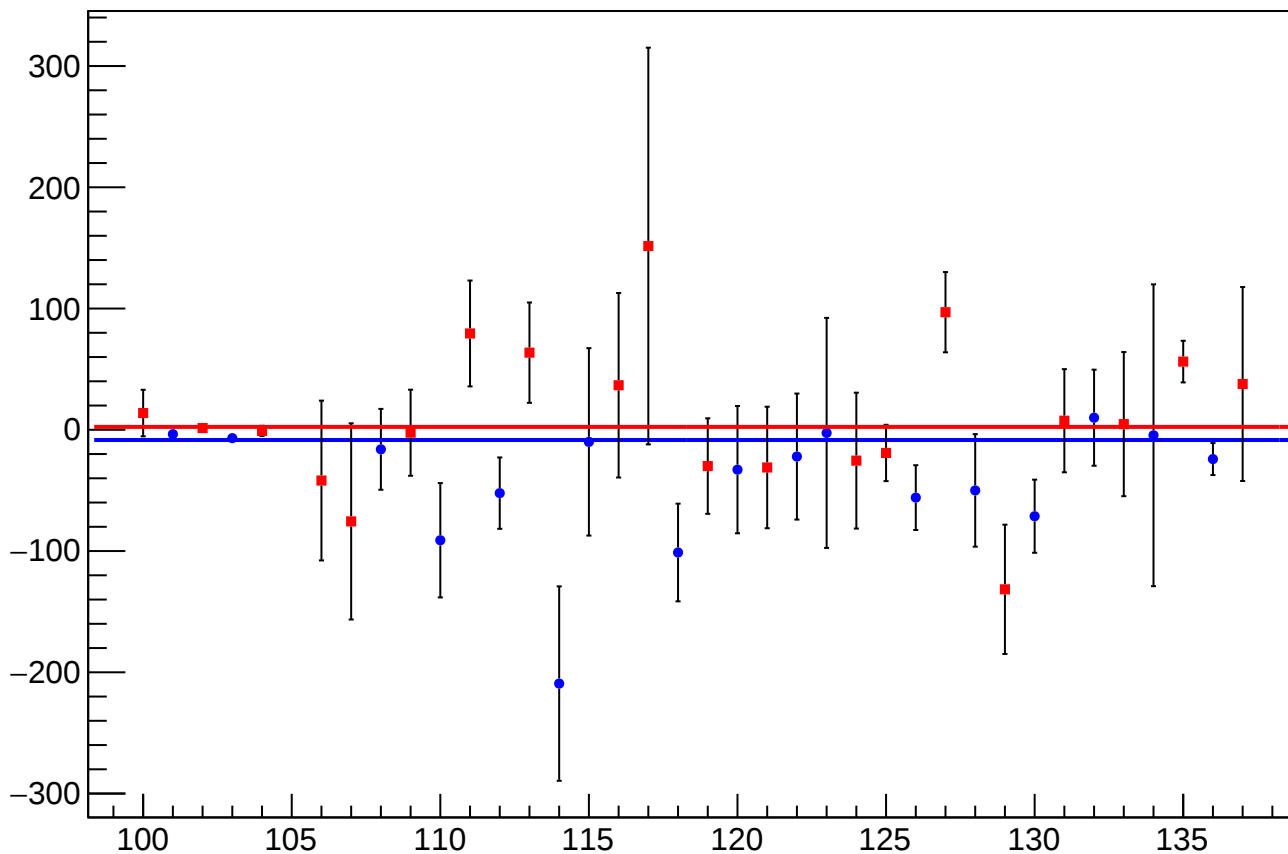
Right Out: 2579.794+/-0.768 χ^2/NDF : 2365284.2/19

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

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

2579.794+/-0.768 χ^2/NDF : 2365284.2/19

diff_bpm0l03X_mean vs Slug



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

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

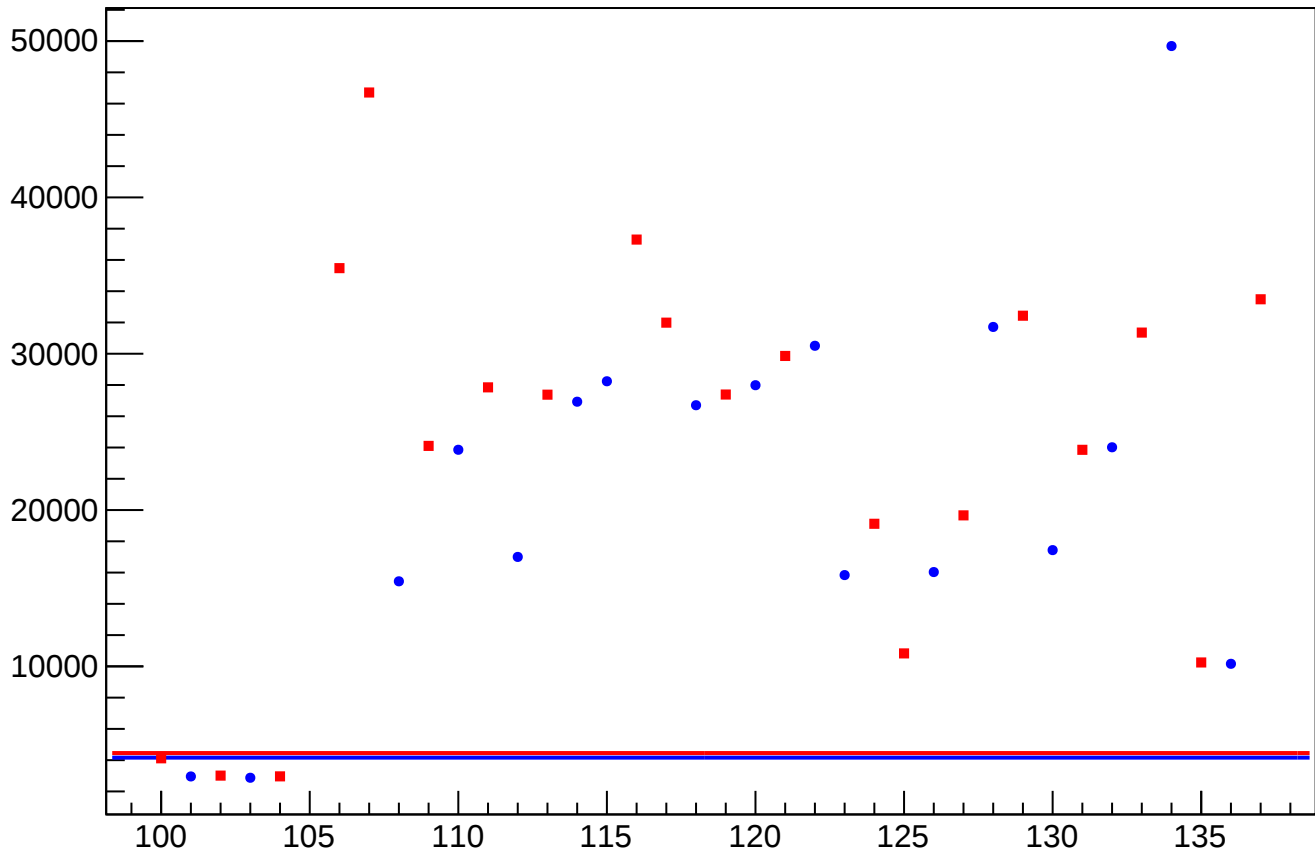
Right Out: 2.392+/-2.786 χ^2 /NDF: 35.5/19

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

-8.430+/-2.587 χ^2 /NDF: 28.9/16

2.392+/-2.786 χ^2 /NDF: 35.5/19

diff_bpm0l03X_rms vs Slug



Right In: 4162.318+/-1.830 χ^2/NDF : 5990070.5/16

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

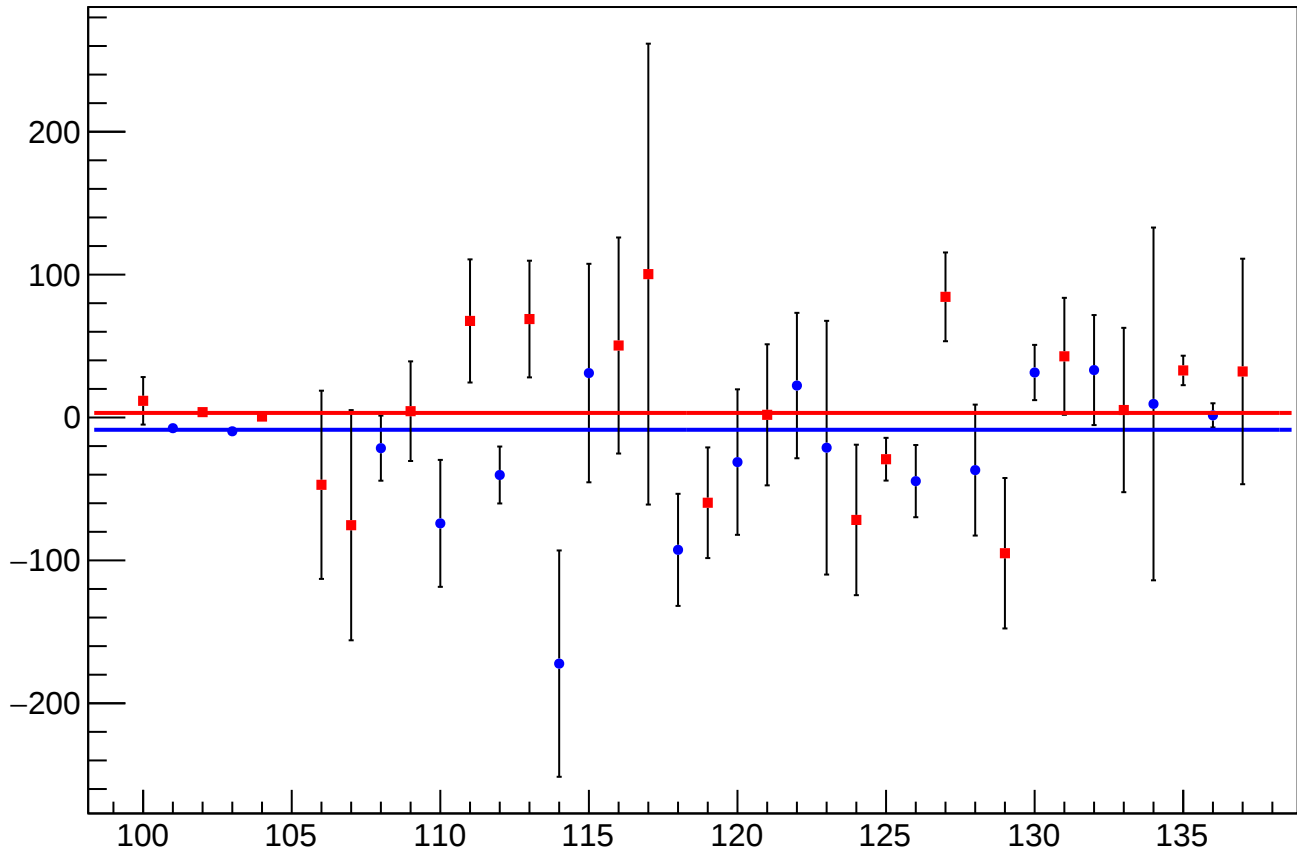
Right Out: 4455.114+/-1.970 χ^2/NDF : 7483602.5/19

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

4162.318+/-1.830 χ^2/NDF : 5990070.5/16

4455.114+/-1.970 χ^2/NDF : 7483602.5/19

diff_bpm0l03Y_mean vs Slug



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

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

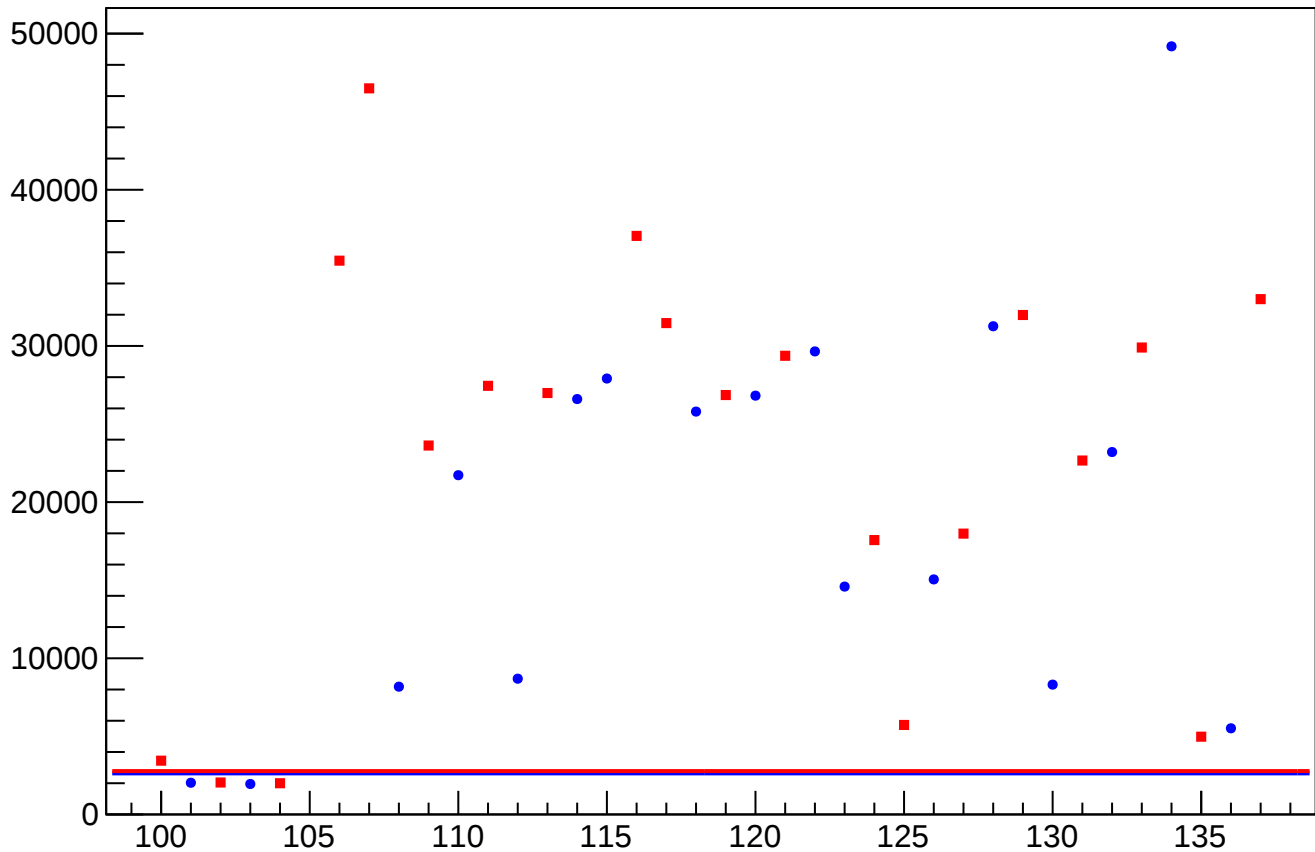
Right Out: 3.208+/-1.922 χ^2/NDF : 37.2/19

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

-8.586+/-1.778 χ^2/NDF : 24.4/16

3.208+/-1.922 χ^2/NDF : 37.2/19

diff_bpm0l03Y_rms vs Slug



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

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

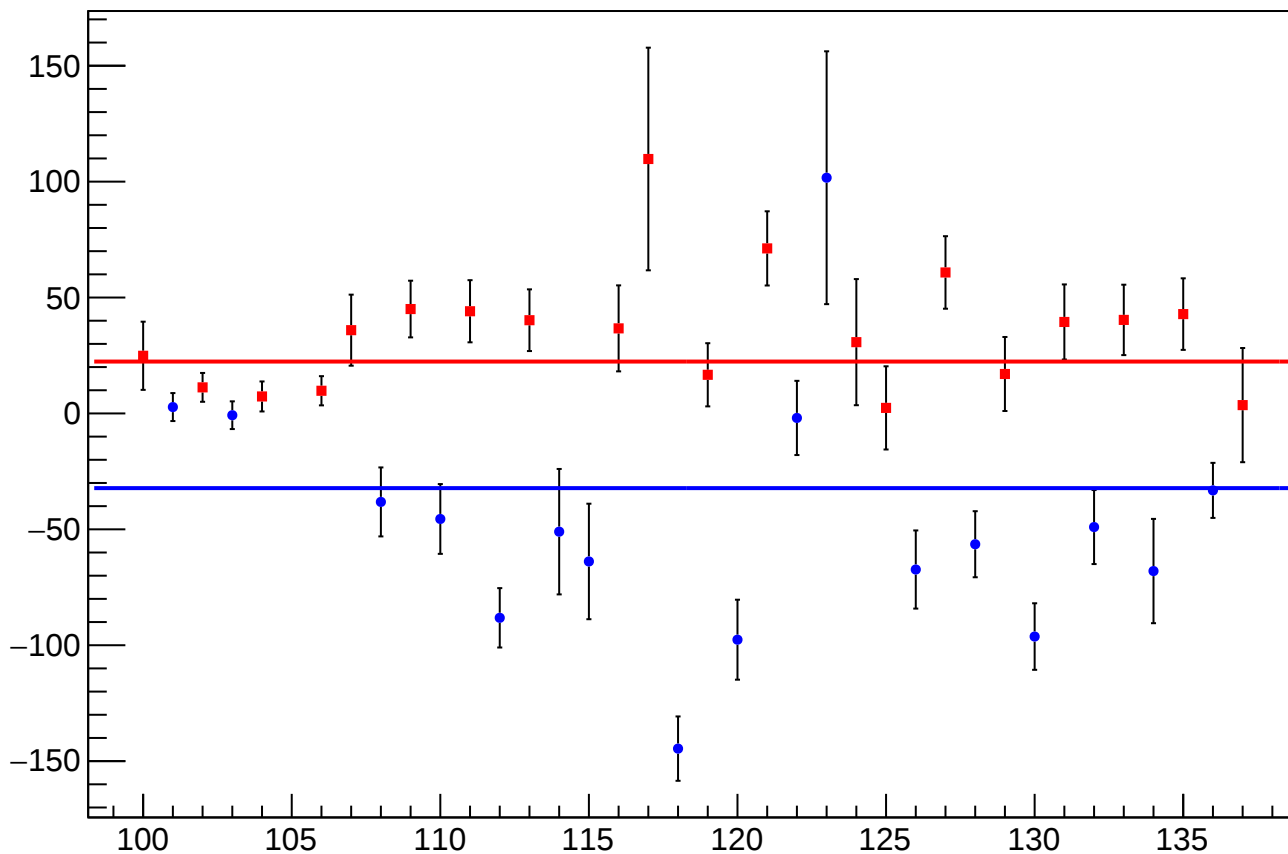
Right Out: 2777.521+/-1.359 χ^2/NDF : 7899165.0/19

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

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

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

diff_bpm0l04X_mean vs Slug



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

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

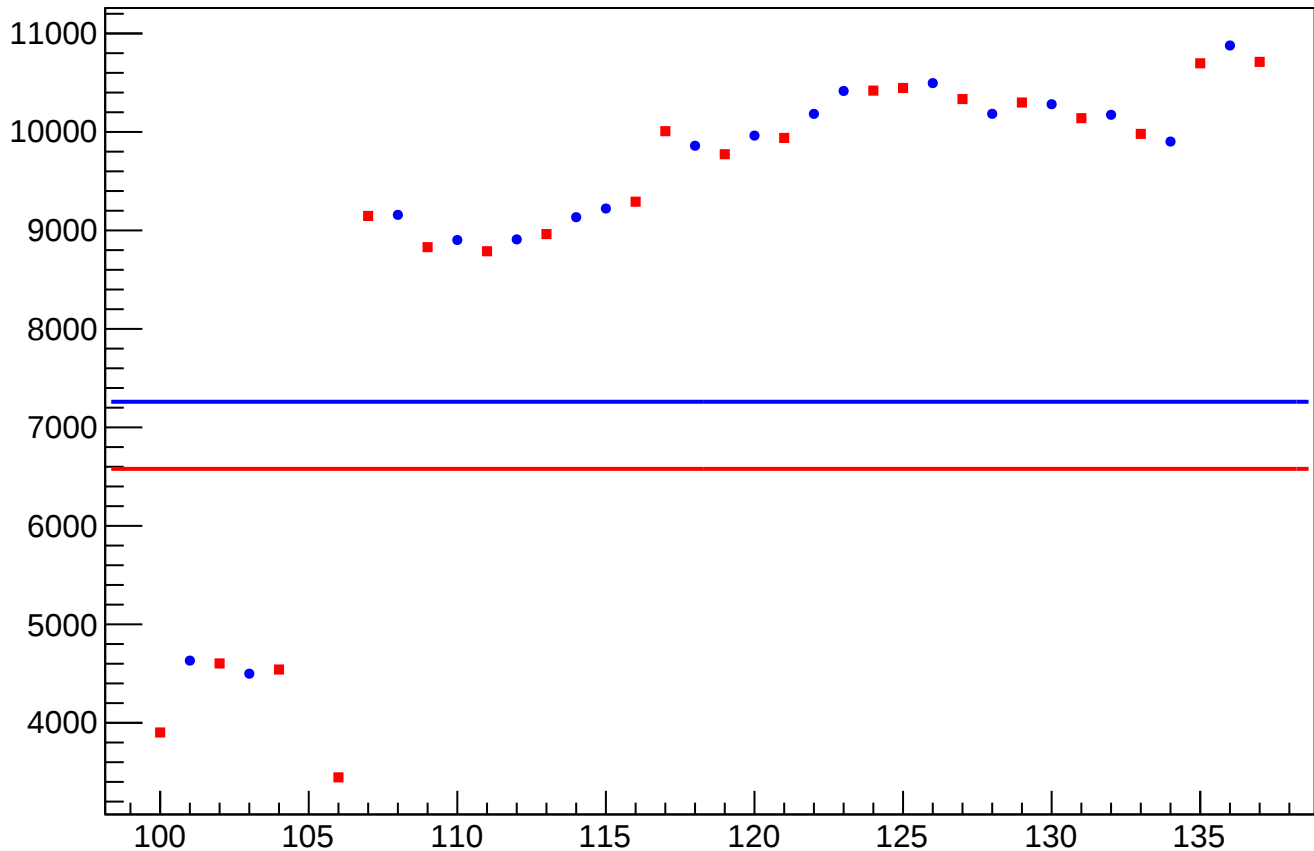
Right Out: 22.381+/-2.665 χ^2/NDF : 47.0/19

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

-32.222+/-2.981 χ^2/NDF : 203.7/16

22.381+/-2.665 χ^2/NDF : 47.0/19

diff_bpm0l04X_rms vs Slug



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

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

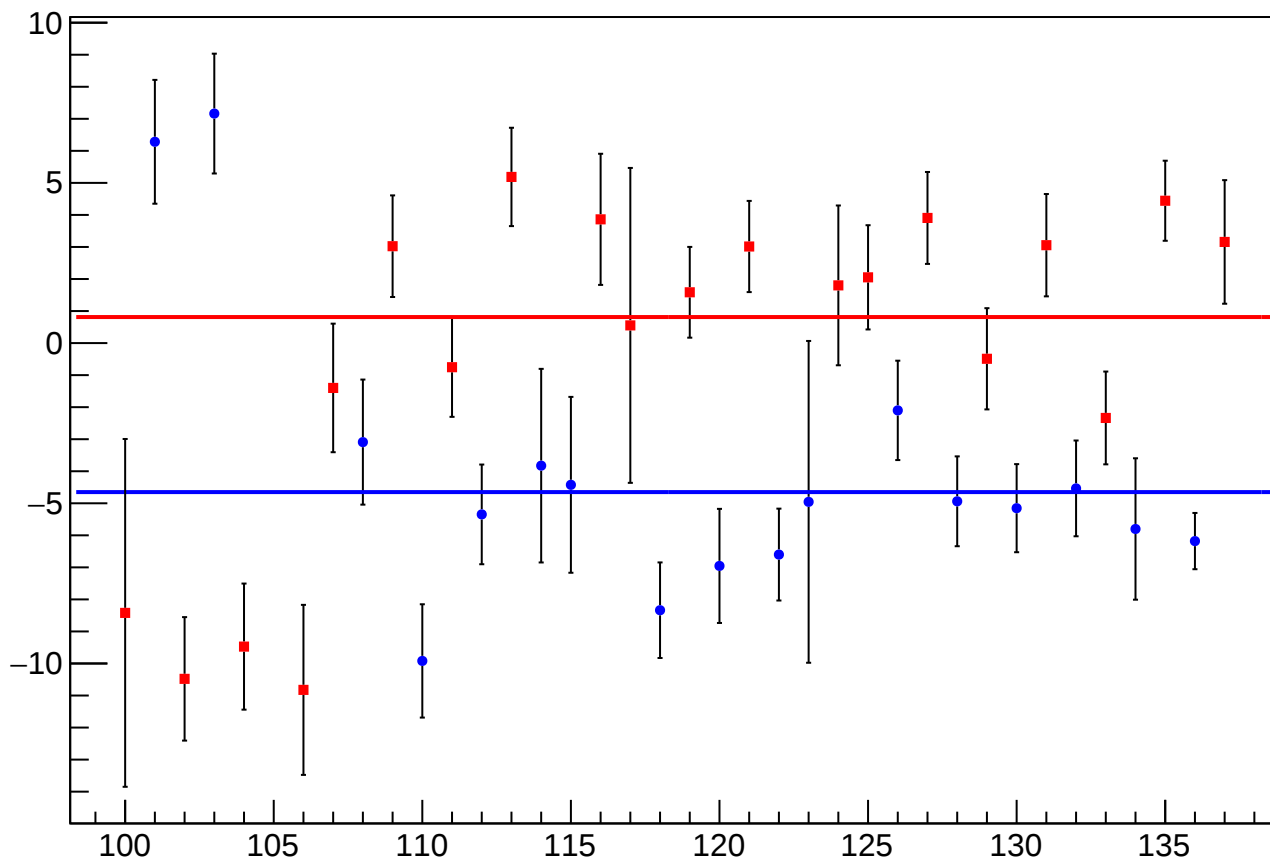
7260.081+/-2.108 χ^2/NDF : 1636373.2/16

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

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

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

diff_bpm0l04Y_mean vs Slug



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

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

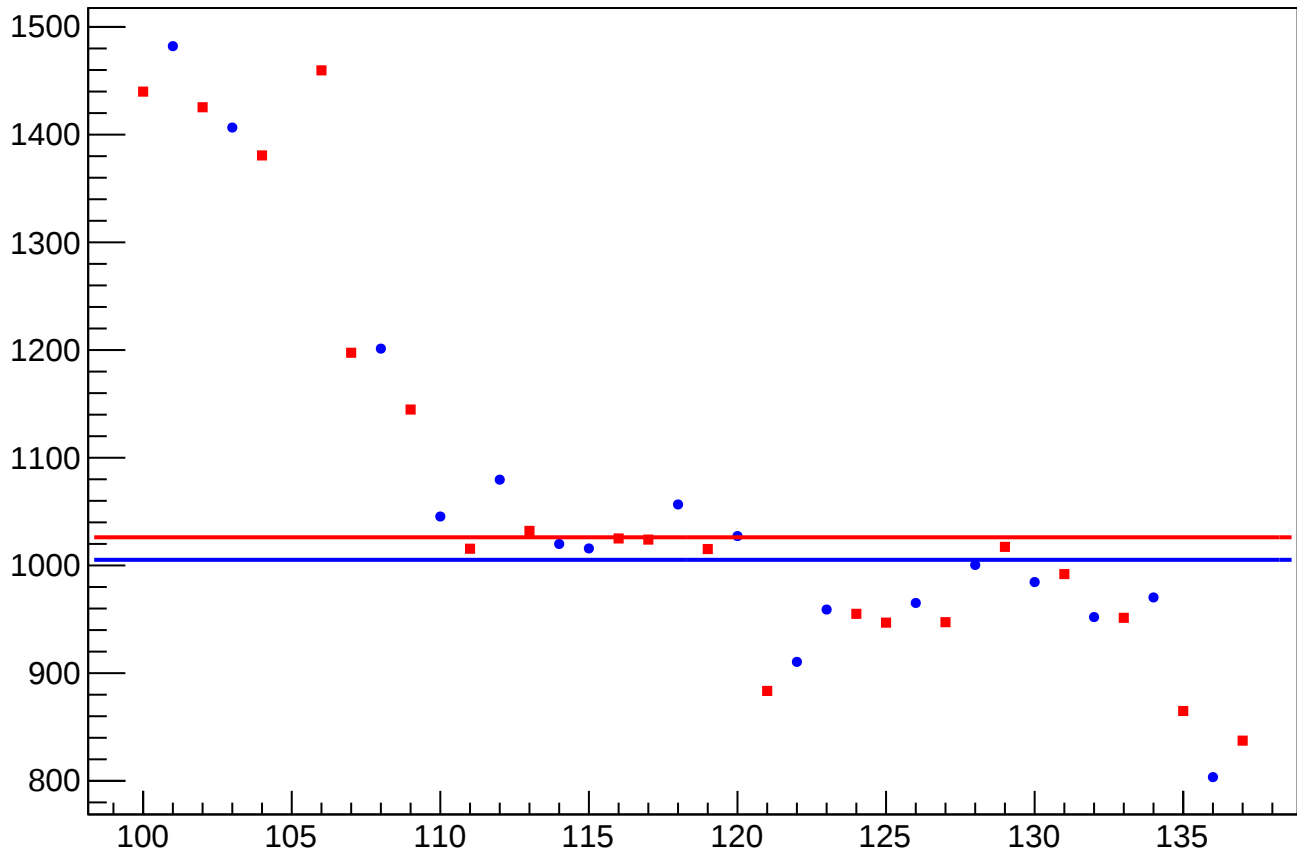
Right Out: 0.813+/-0.387 χ^2/NDF : 123.7/19

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

-4.651+/-0.393 χ^2/NDF : 97.6/16

0.813+/-0.387 χ^2/NDF : 123.7/19

diff_bpm0l04Y_rms vs Slug



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

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

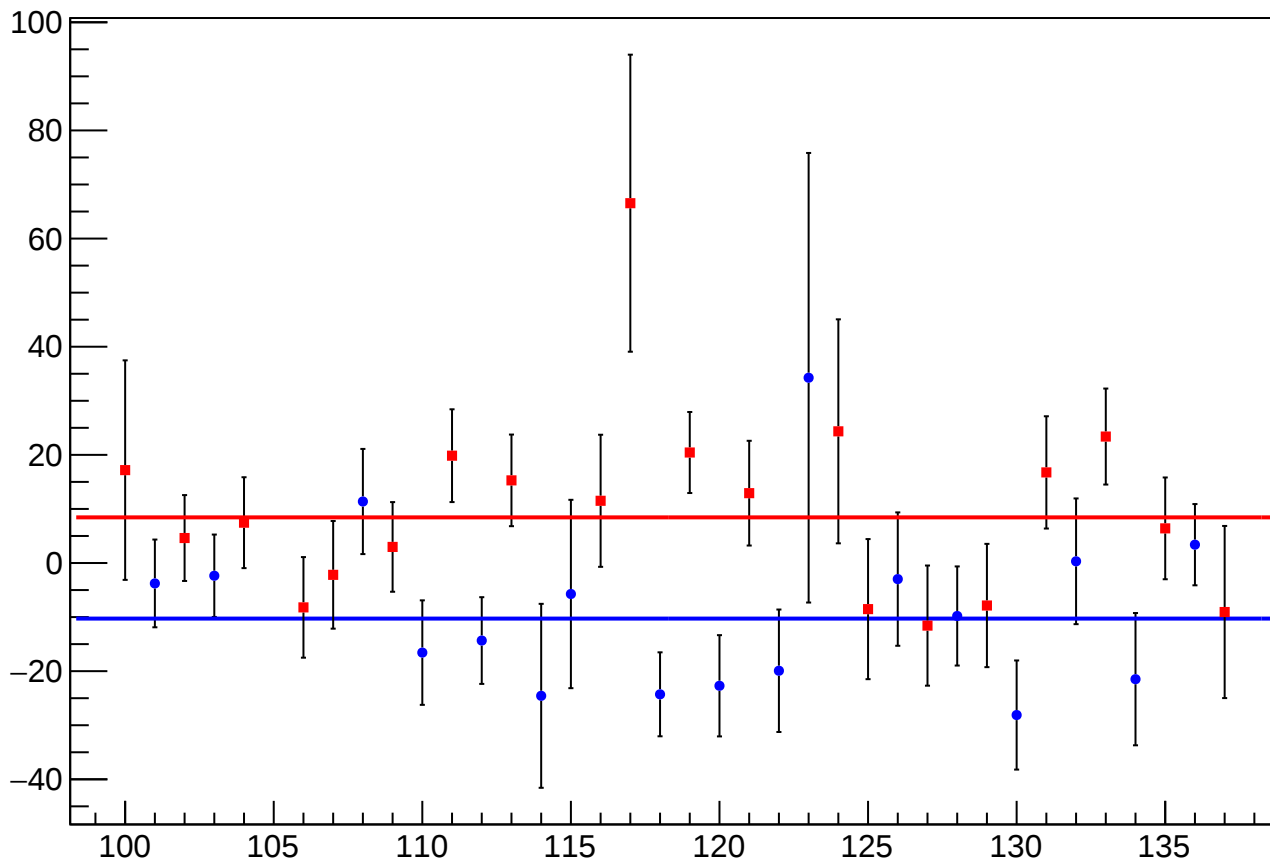
Right Out: 1026.145+/-0.274 χ^2/NDF : 333119.4/19

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

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

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

diff_bpm0l05X_mean vs Slug



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

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

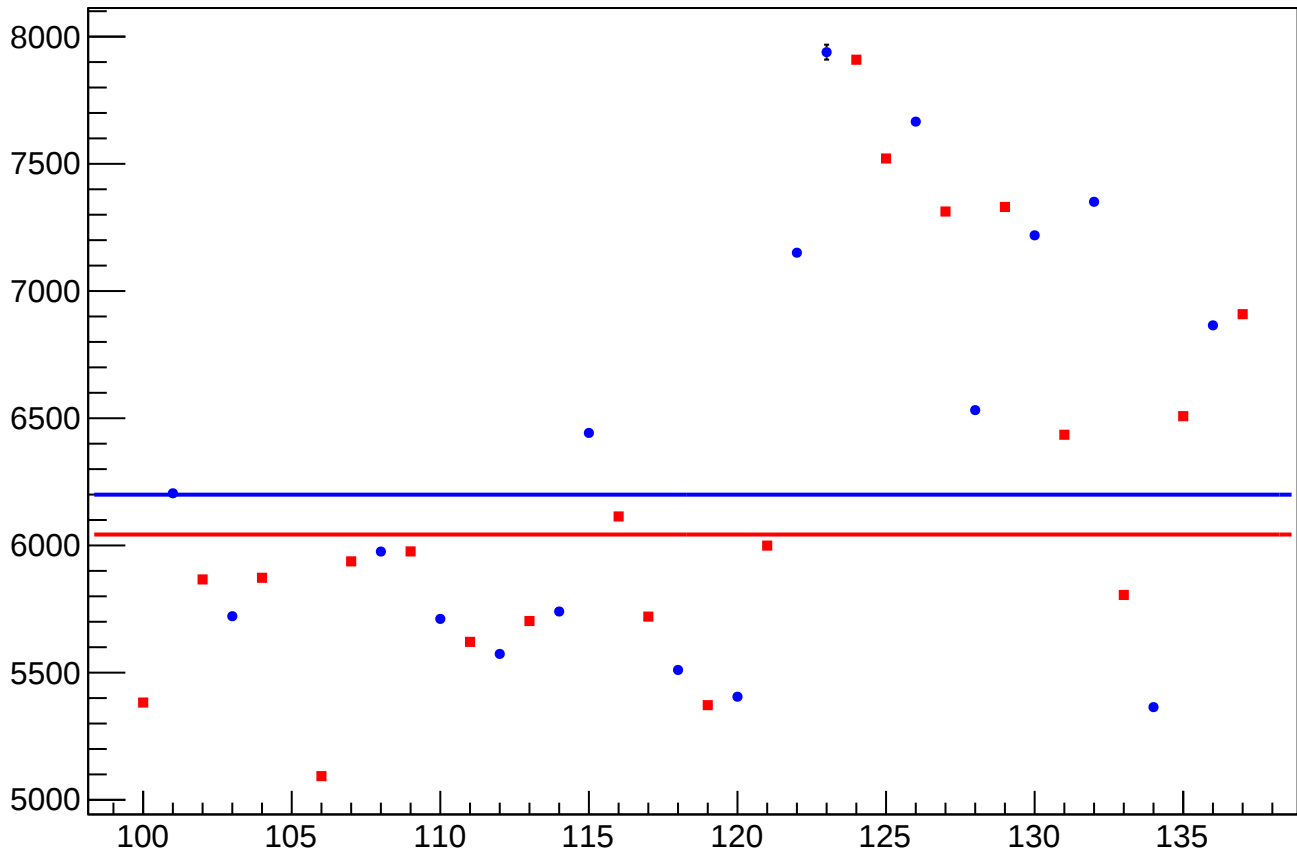
Right Out: 8.441 ± 2.271 χ^2/NDF : 27.3/19

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

-10.277 ± 2.408 χ^2/NDF : 23.5/16

8.441 ± 2.271 χ^2/NDF : 27.3/19

diff_bpm0l05X_rms vs Slug



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

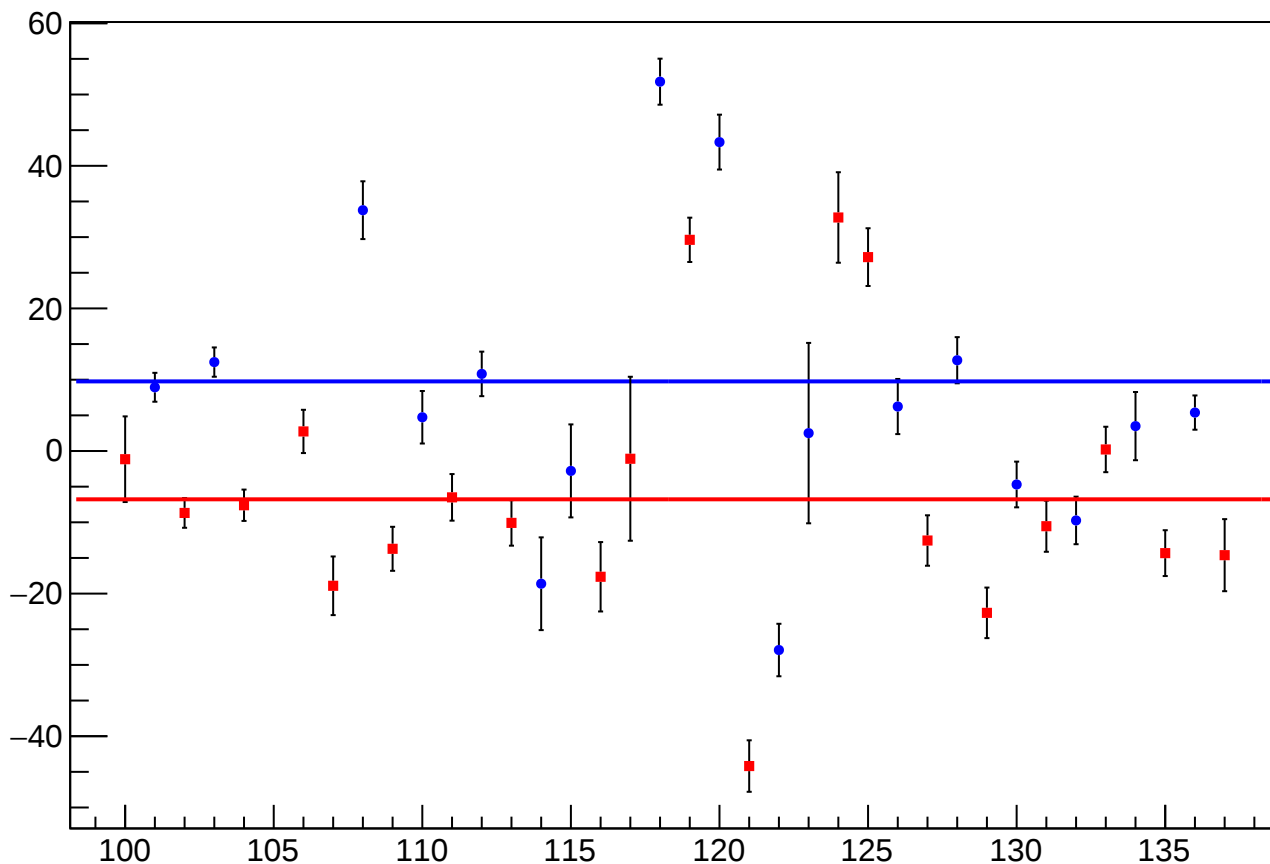
Right Out: 6042.952 $\pm$ 1.606 χ^2 /NDF: 158600.9/19

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

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

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

diff_bpm0l05Y_mean vs Slug



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

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

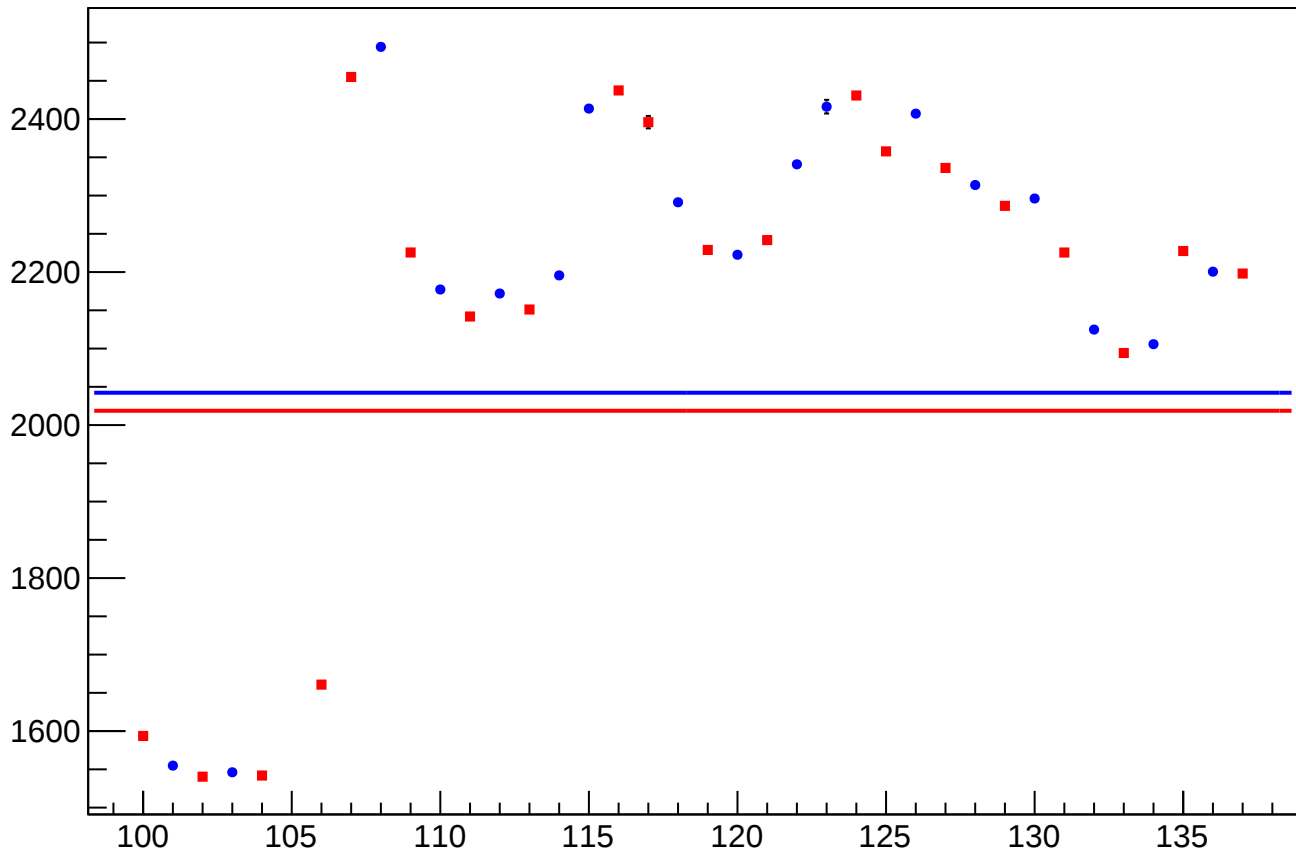
Right Out: -6.776+/-0.763 χ^2/NDF : 422.1/19

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

9.764+/-0.797 χ^2/NDF : 473.8/16

-6.776+/-0.763 χ^2/NDF : 422.1/19

diff_bpm0l05Y_rms vs Slug



Right In: 2042.269 $\pm$ 0.563 χ^2 /NDF: 356820.1/16

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

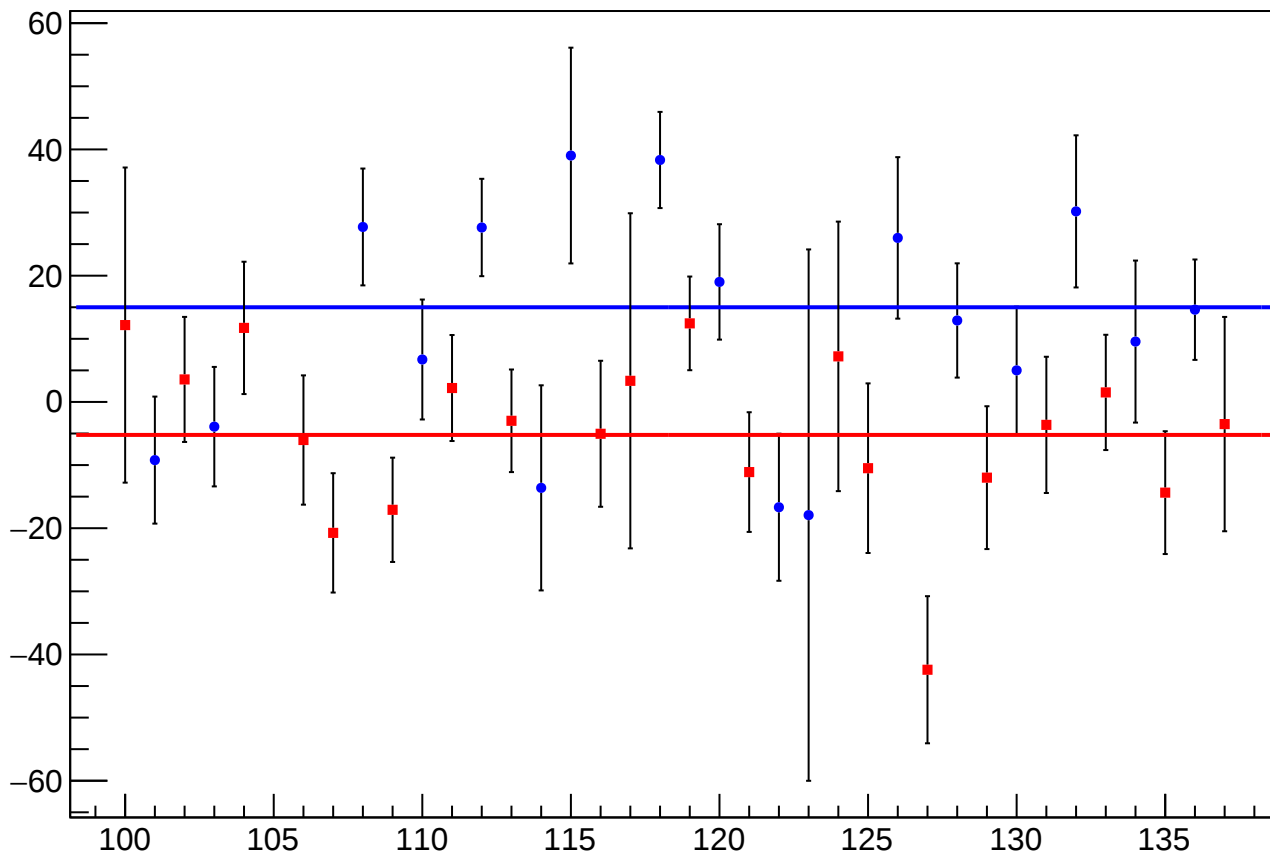
2042.269 $\pm$ 0.563 χ^2 /NDF: 356820.1/16

Right Out: 2018.694 $\pm$ 0.540 χ^2 /NDF: 377792.4/19

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

2018.694 $\pm$ 0.540 χ^2 /NDF: 377792.4/19

diff_bpm0l06X_mean vs Slug



Right In: 14.997+/-2.485 χ^2/NDF : 41.3/16

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

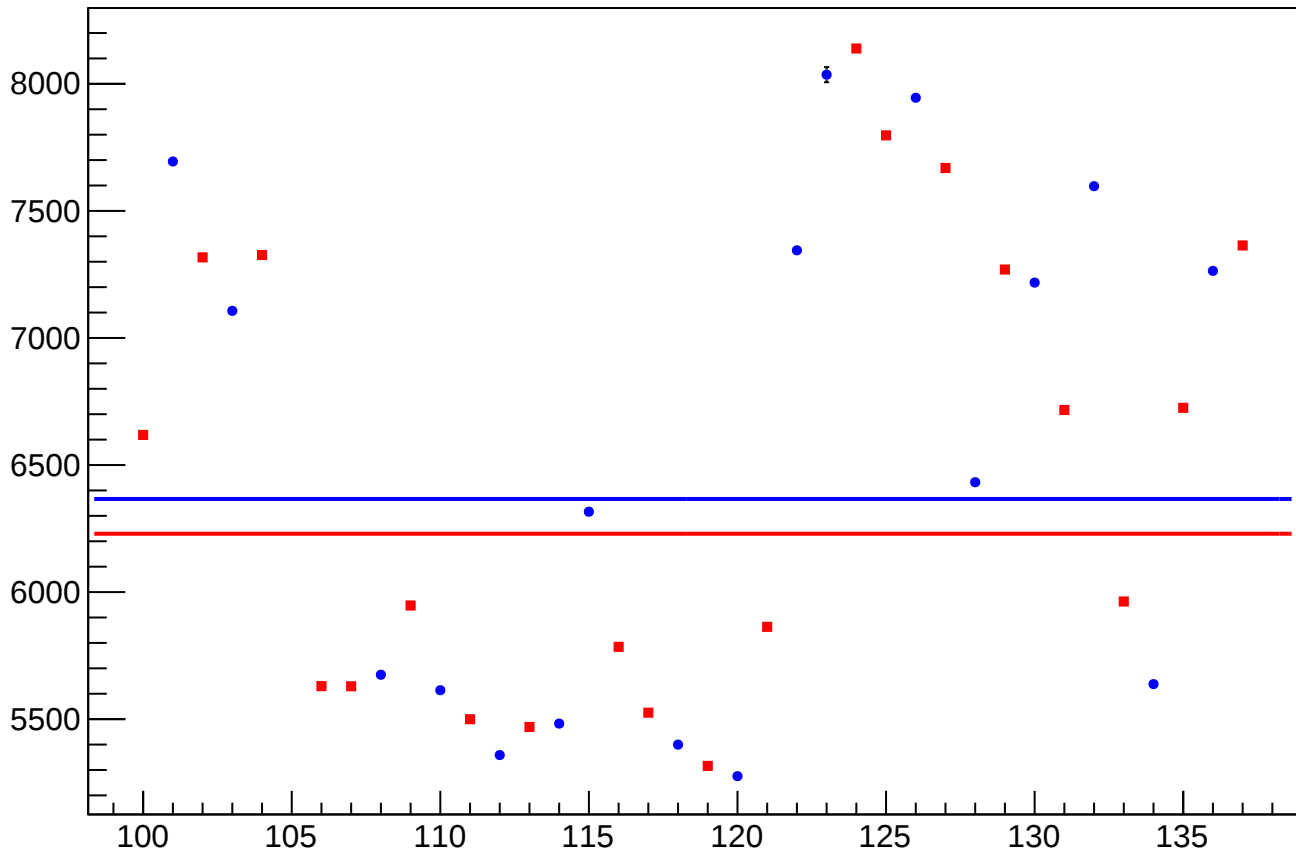
Right Out: -5.223+/-2.348 χ^2/NDF : 28.2/19

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

14.997+/-2.485 χ^2/NDF : 41.3/16

-5.223+/-2.348 χ^2/NDF : 28.2/19

diff_bpm0l06X_rms vs Slug



Right In: 6366.491 $\pm$ 1.757 χ^2 /NDF: 286494.5/16

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

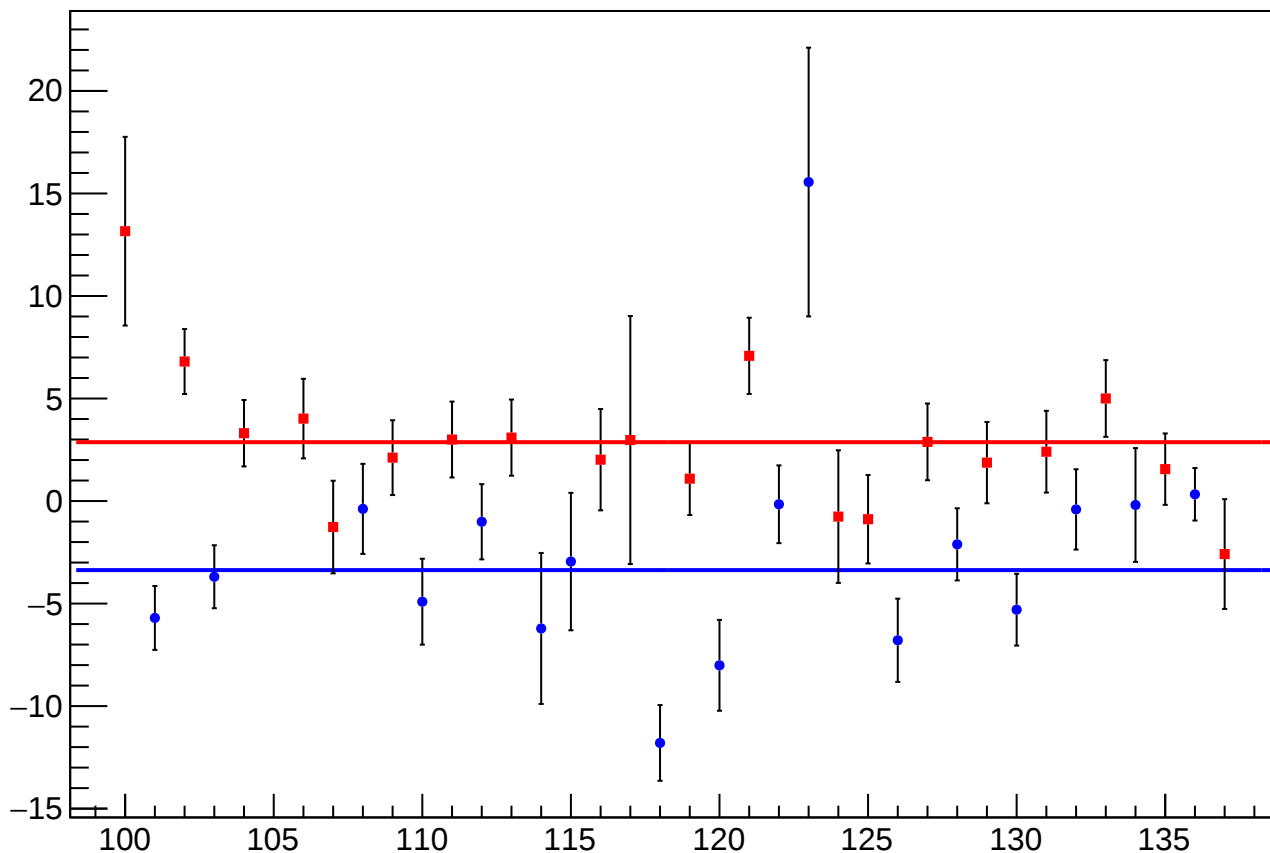
Right Out: 6229.625 $\pm$ 1.660 χ^2 /NDF: 244622.7/19

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

6366.491 $\pm$ 1.757 χ^2 /NDF: 286494.5/16

6229.625 $\pm$ 1.660 χ^2 /NDF: 244622.7/19

diff_bpm0l06Y_mean vs Slug



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

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

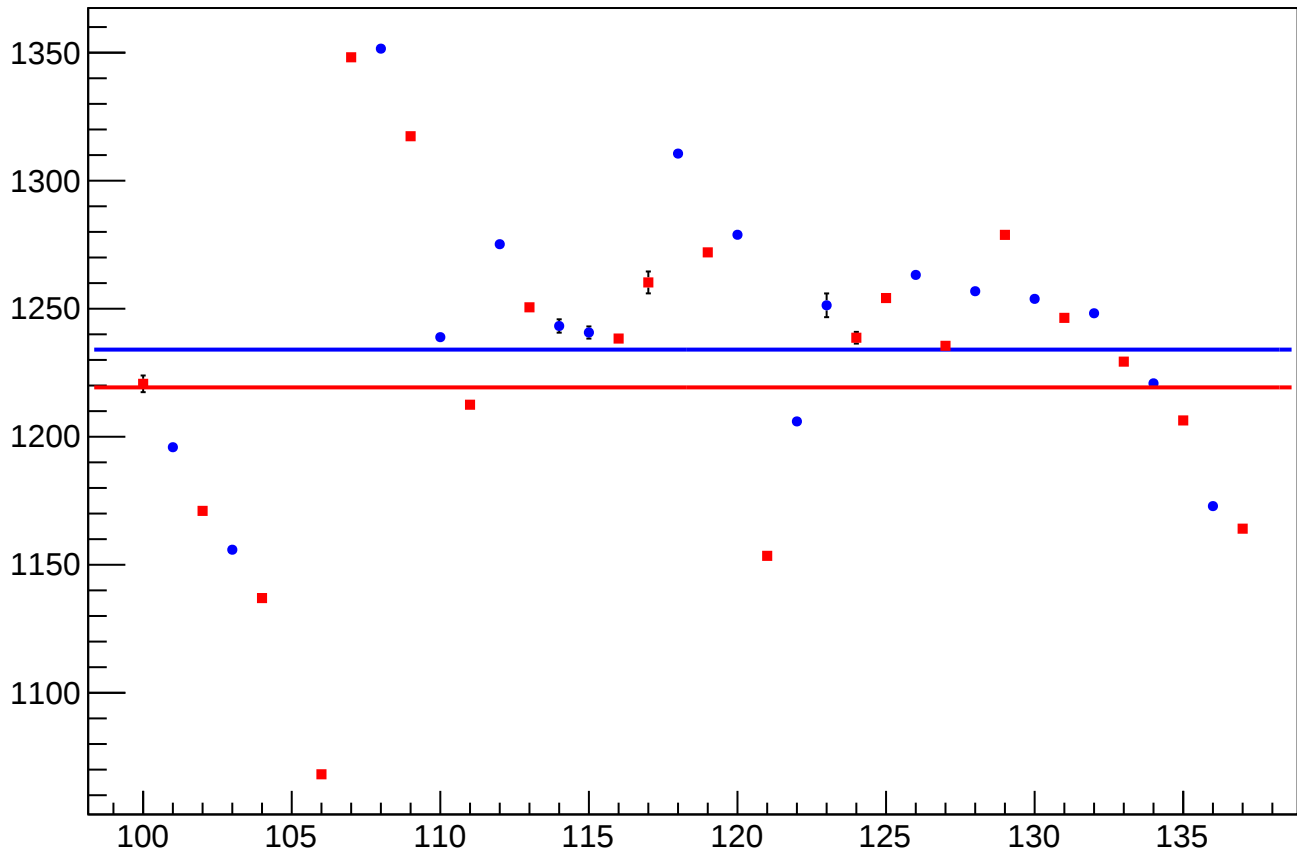
Right Out: 2.871+/-0.455 χ^2/NDF : 32.0/19

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

-3.368+/-0.476 χ^2/NDF : 59.9/16

2.871+/-0.455 χ^2/NDF : 32.0/19

diff_bpm0l06Y_rms vs Slug



Right In: 1234.032+/-0.336 χ^2/NDF : 23565.3/16

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

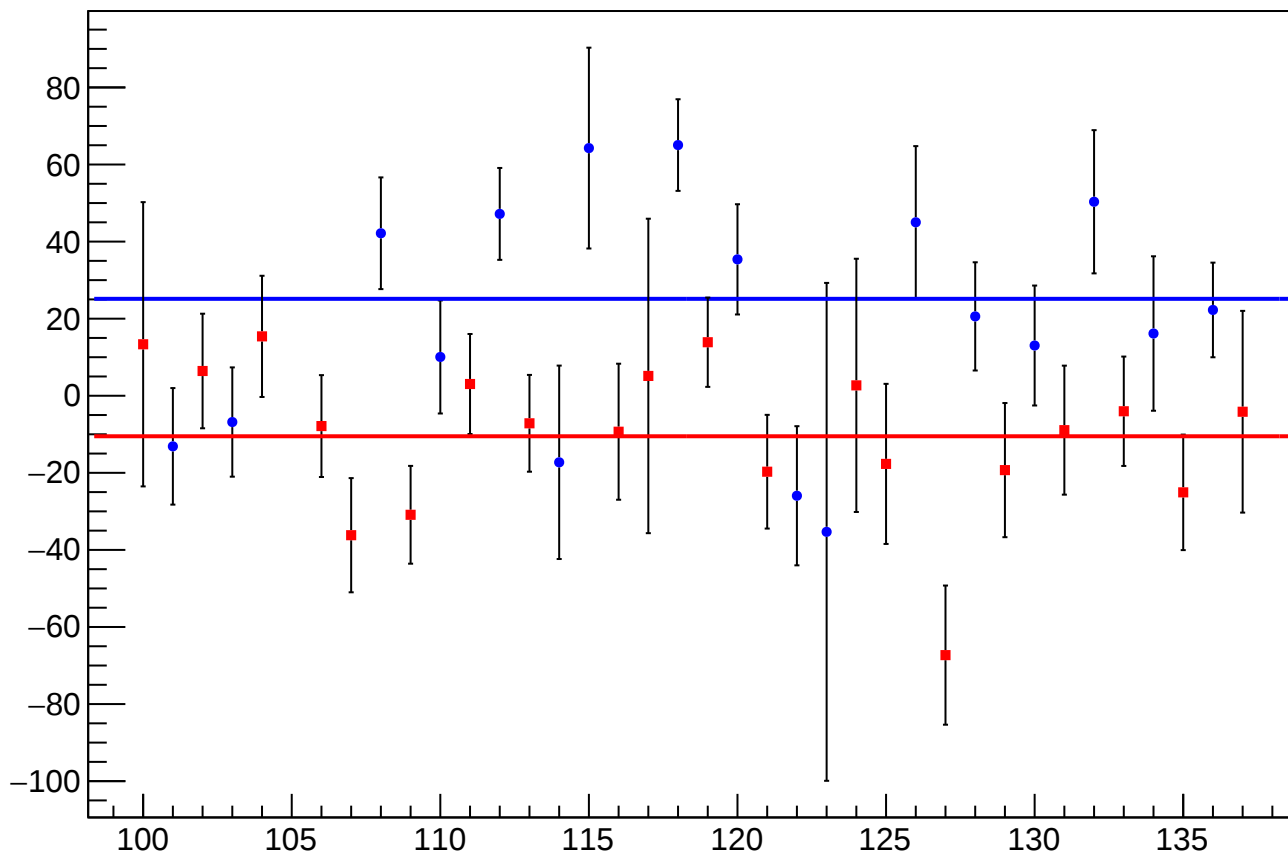
Right Out: 1219.275+/-0.322 χ^2/NDF : 40462.8/19

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

1234.032+/-0.336 χ^2/NDF : 23565.3/16

1219.275+/-0.322 χ^2/NDF : 40462.8/19

diff_bpm0l07X_mean vs Slug



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

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

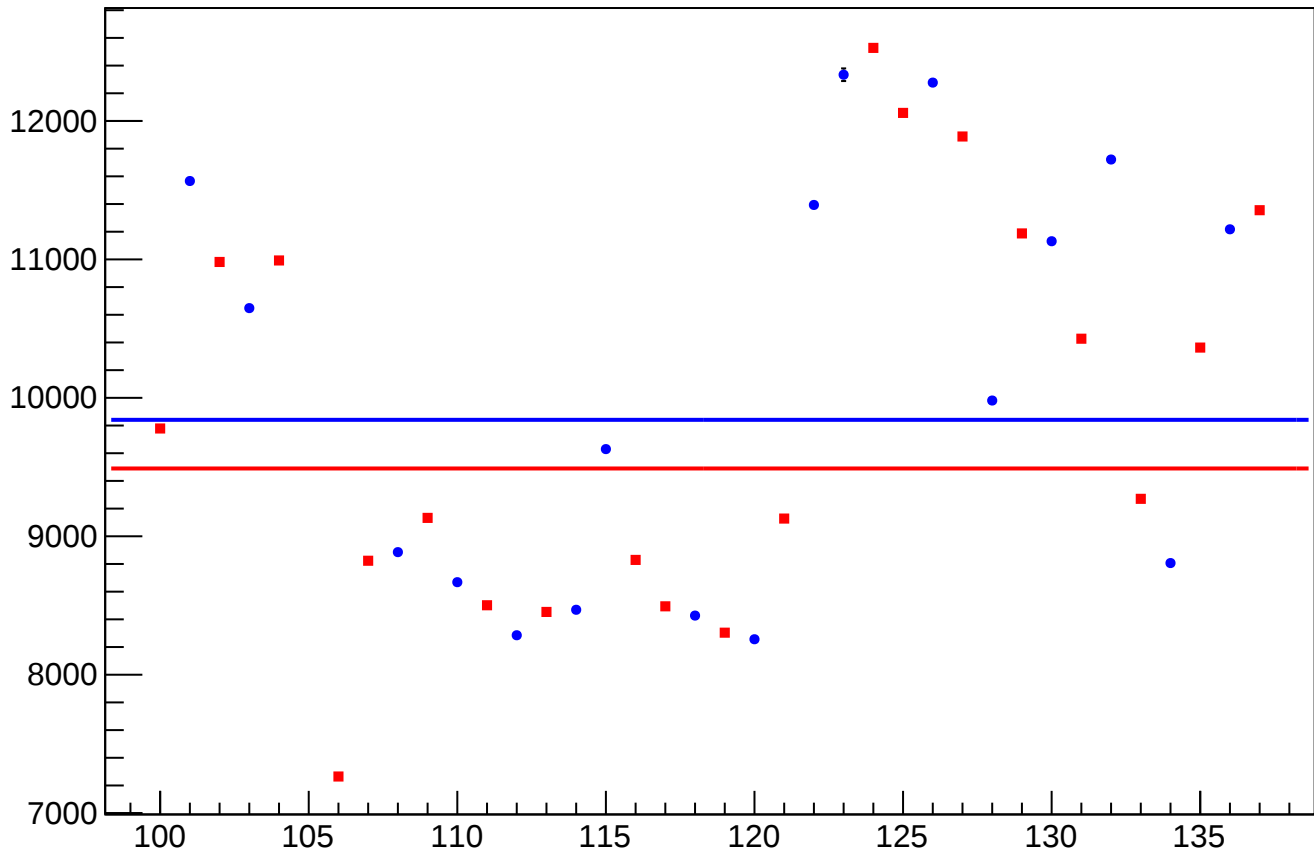
Right Out: -10.513+/-3.581 χ^2 /NDF: 27.8/19

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

25.149+/-3.837 χ^2 /NDF: 46.9/16

-10.513+/-3.581 χ^2 /NDF: 27.8/19

diff_bpm0l07X_rms vs Slug



Right In: 9841.174 $\pm$ 2.713 χ^2 /NDF: 260062.4/16

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

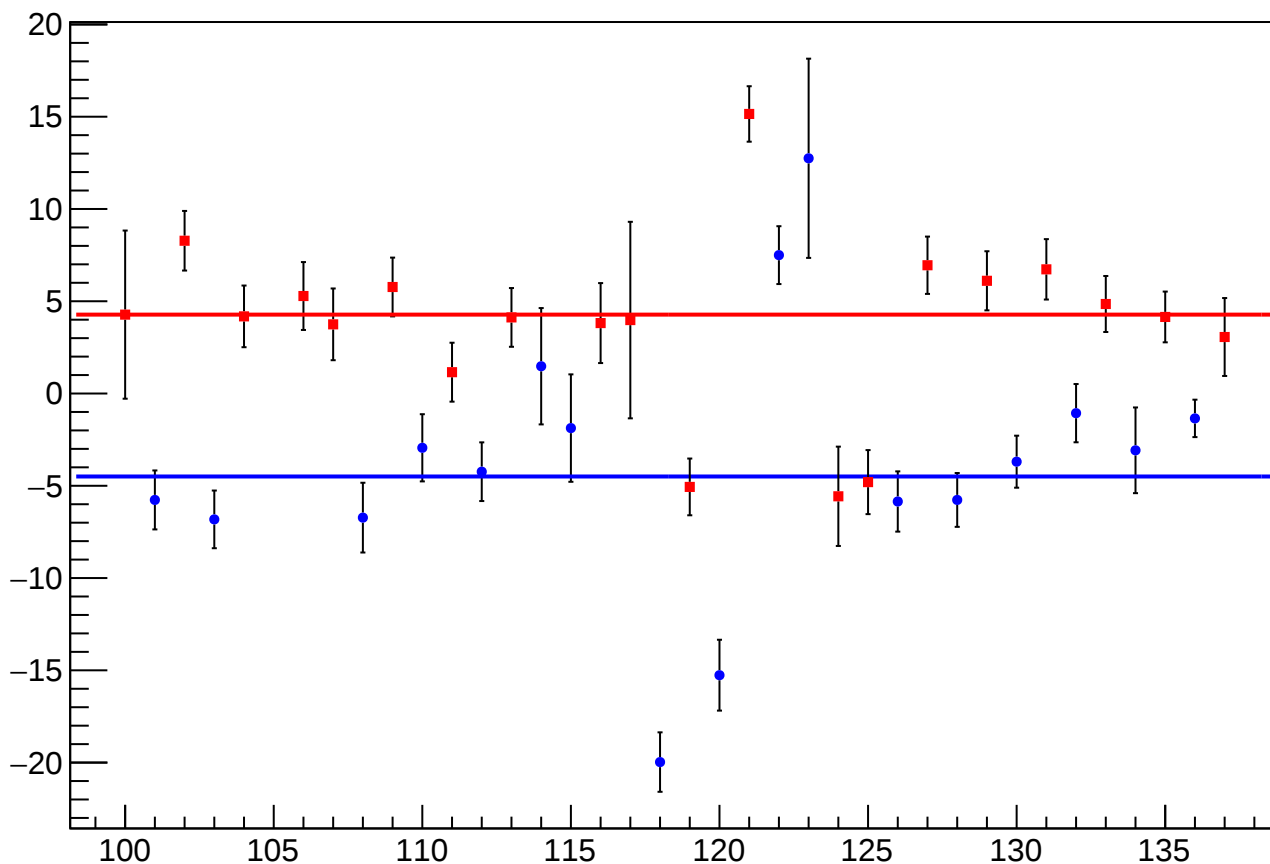
9841.174 $\pm$ 2.713 χ^2 /NDF: 260062.4/16

Right Out: 9489.753 $\pm$ 2.532 χ^2 /NDF: 277900.5/19

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

9489.753 $\pm$ 2.532 χ^2 /NDF: 277900.5/19

diff_bpm0l07Y_mean vs Slug



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

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

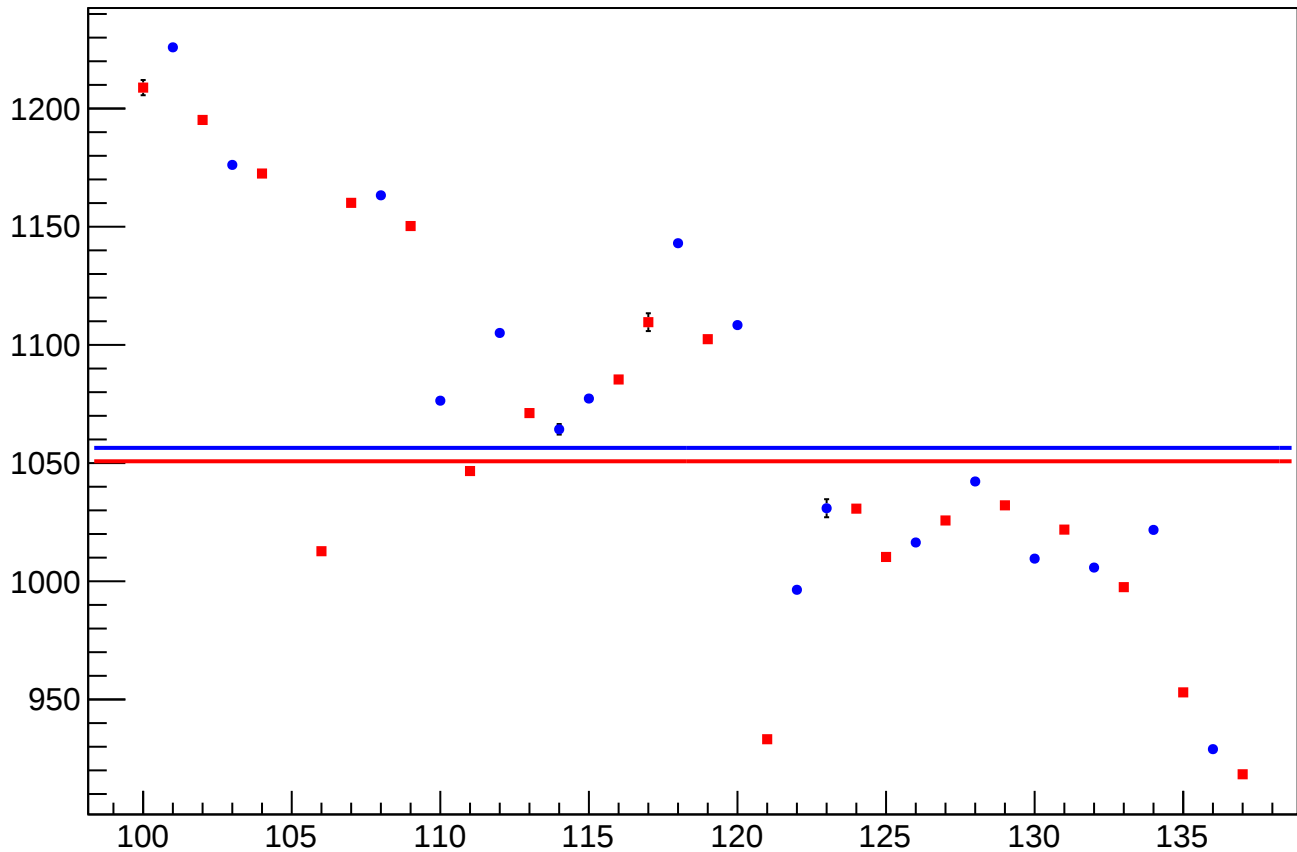
Right Out: 4.275+/-0.393 χ^2/NDF : 148.2/19

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

-4.497+/-0.408 χ^2/NDF : 218.4/16

4.275+/-0.393 χ^2/NDF : 148.2/19

diff_bpm0l07Y_rms vs Slug



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

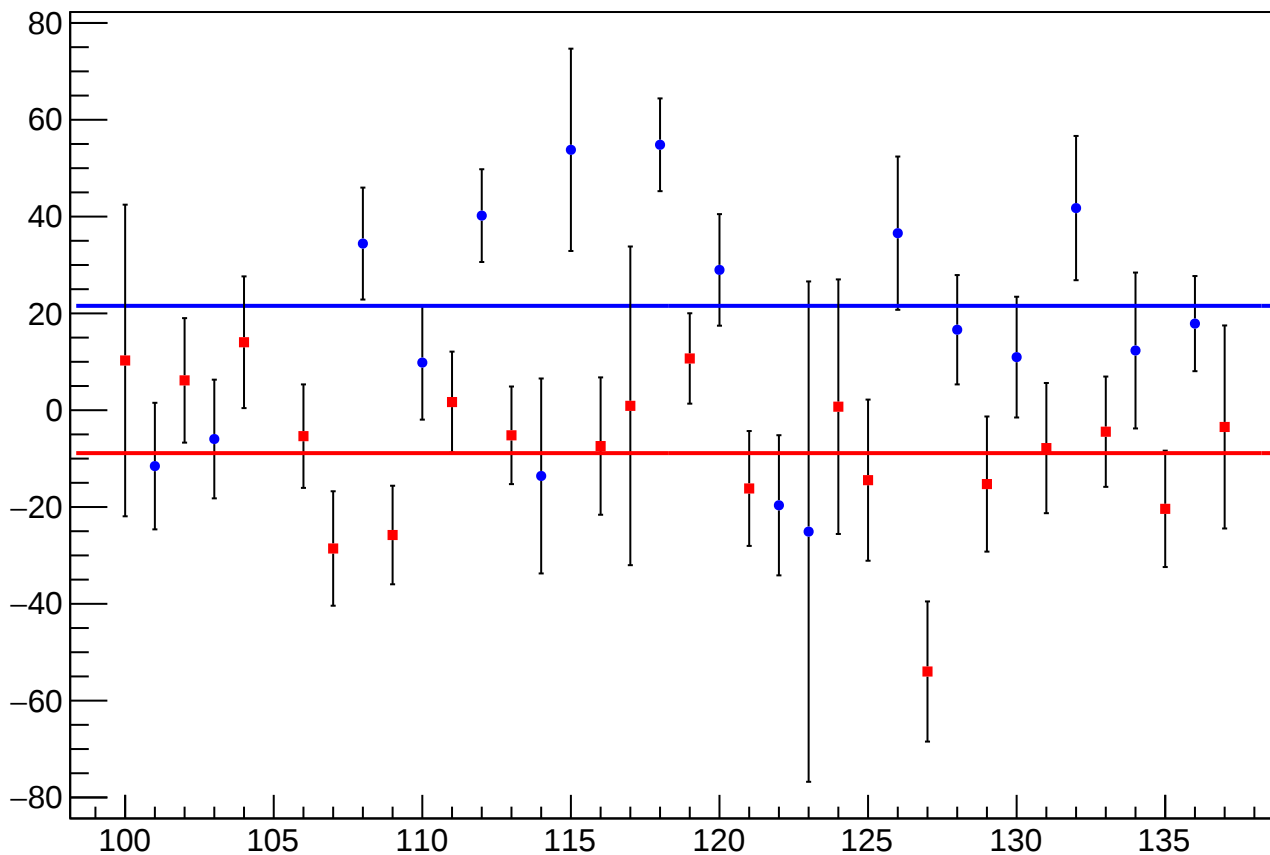
Right Out: 1050.765 $\pm$ 0.278 χ^2 /NDF: 82642.2/19

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

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

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

diff_bpm0l08X_mean vs Slug



Right In: 21.561 $\pm$ 3.110 χ^2 /NDF: 48.4/16

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

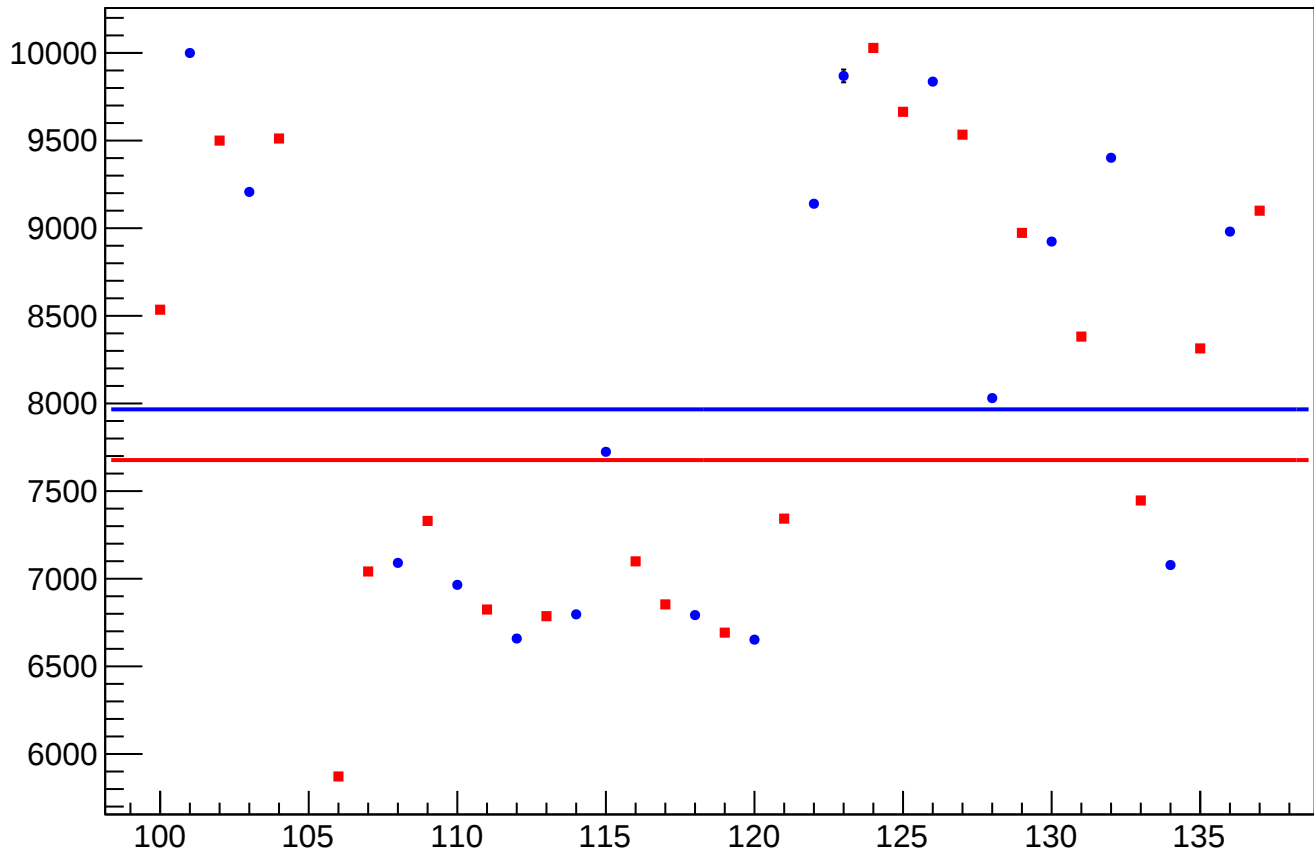
Right Out: -8.867 $\pm$ 2.901 χ^2 /NDF: 27.5/19

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

21.561 $\pm$ 3.110 χ^2 /NDF: 48.4/16

-8.867 $\pm$ 2.901 χ^2 /NDF: 27.5/19

diff_bpm0l08X_rms vs Slug



Right In: 7966.405+/-2.199 χ^2/NDF : 296611.1/16

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

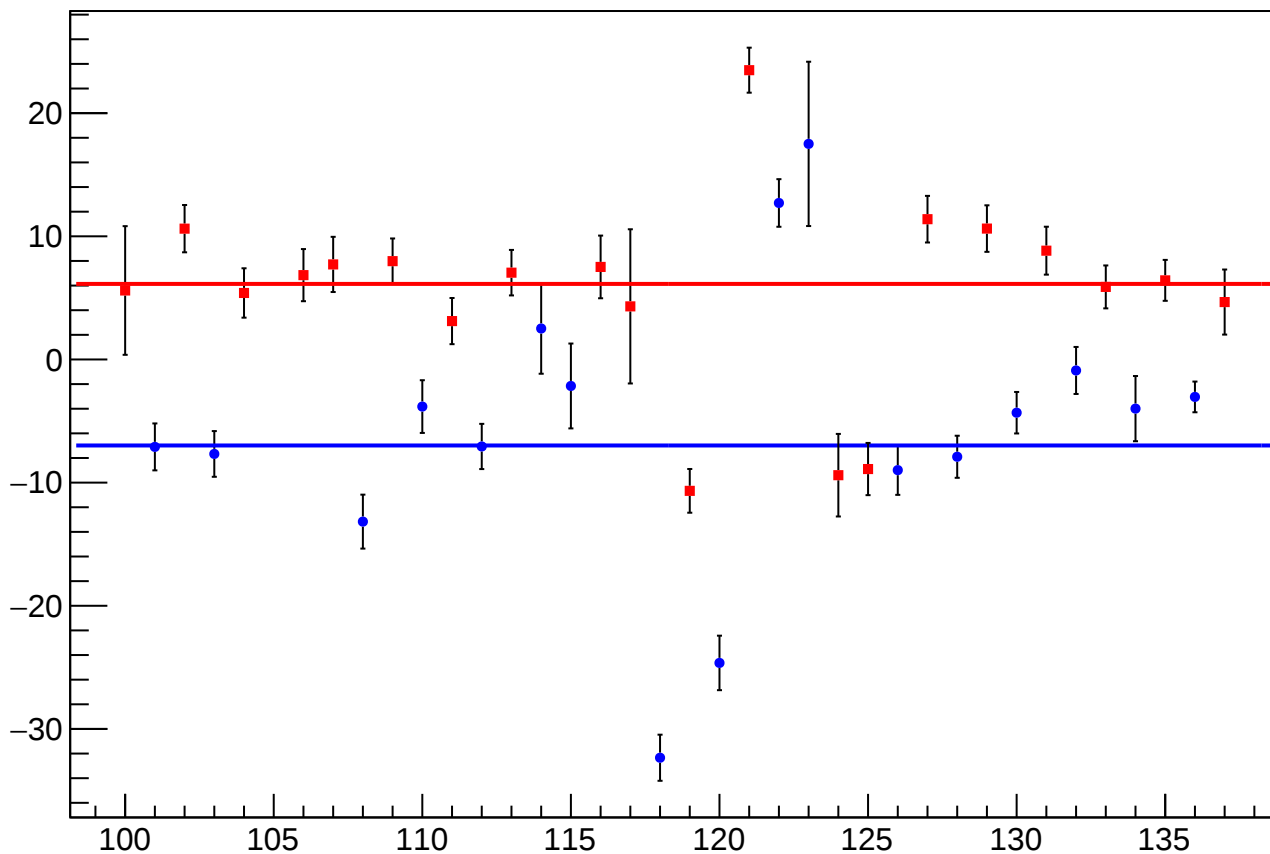
Right Out: 7677.035+/-2.051 χ^2/NDF : 316295.2/19

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

7966.405+/-2.199 χ^2/NDF : 296611.1/16

7677.035+/-2.051 χ^2/NDF : 316295.2/19

diff_bpm0l08Y_mean vs Slug



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

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

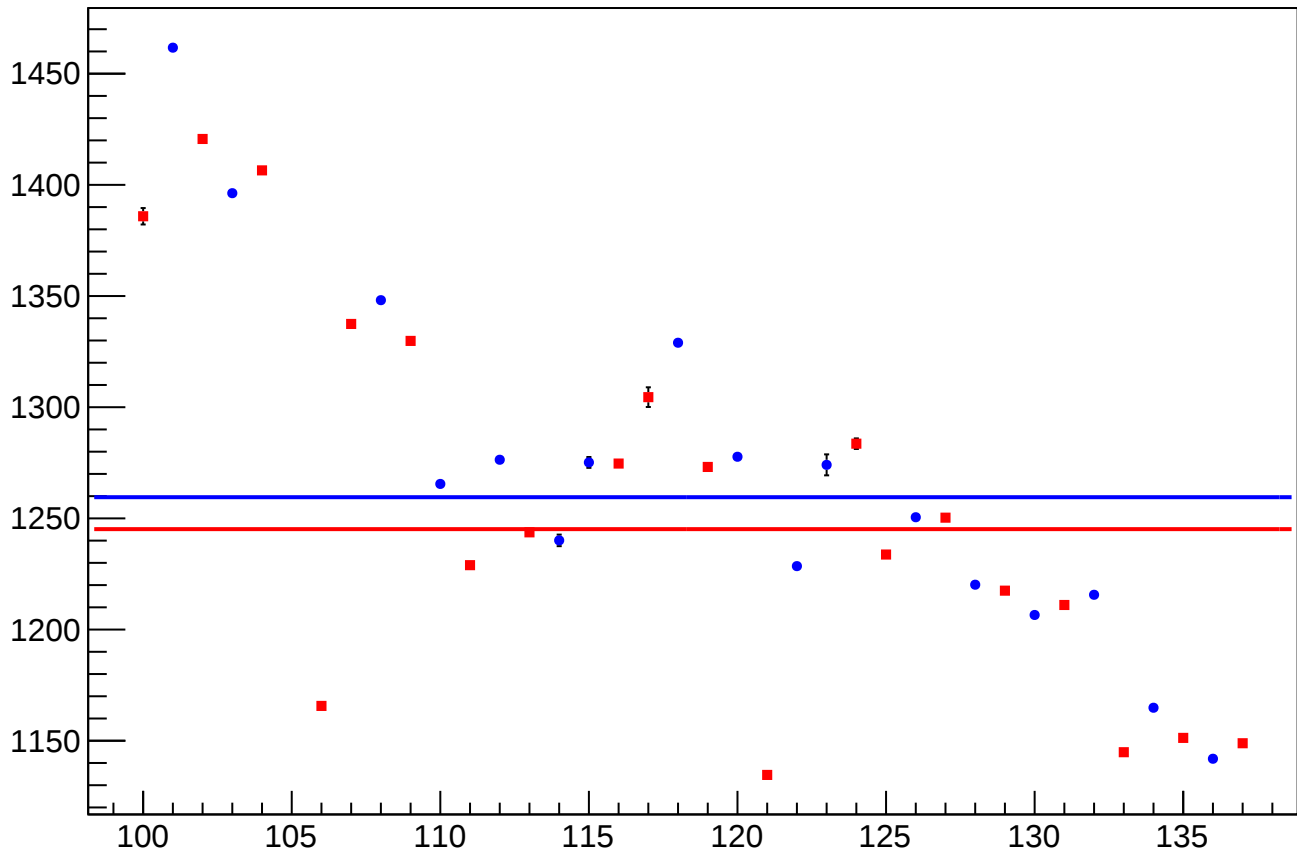
Right Out: 6.135+/-0.465 χ^2/NDF : 277.6/19

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

-6.984+/-0.486 χ^2/NDF : 408.5/16

6.135+/-0.465 χ^2/NDF : 277.6/19

diff_bpm0l08Y_rms vs Slug



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

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

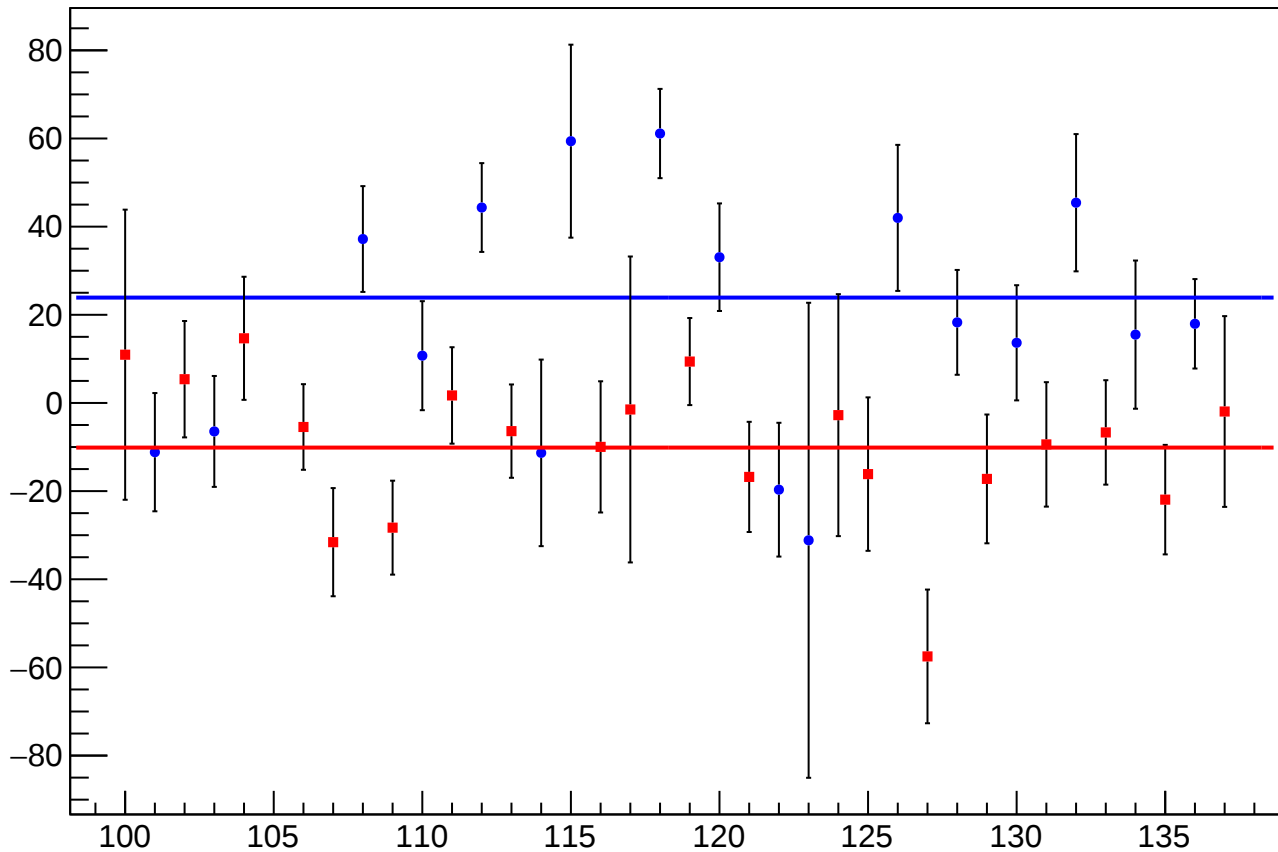
Right Out: 1245.167+/-0.329 χ^2/NDF : 67006.8/19

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

1259.531+/-0.344 χ^2/NDF : 64844.4/16

1245.167+/-0.329 χ^2/NDF : 67006.8/19

diff_bpm0l09X_mean vs Slug



Right In: 23.904+/-3.251 χ^2/NDF : 52.4/16

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

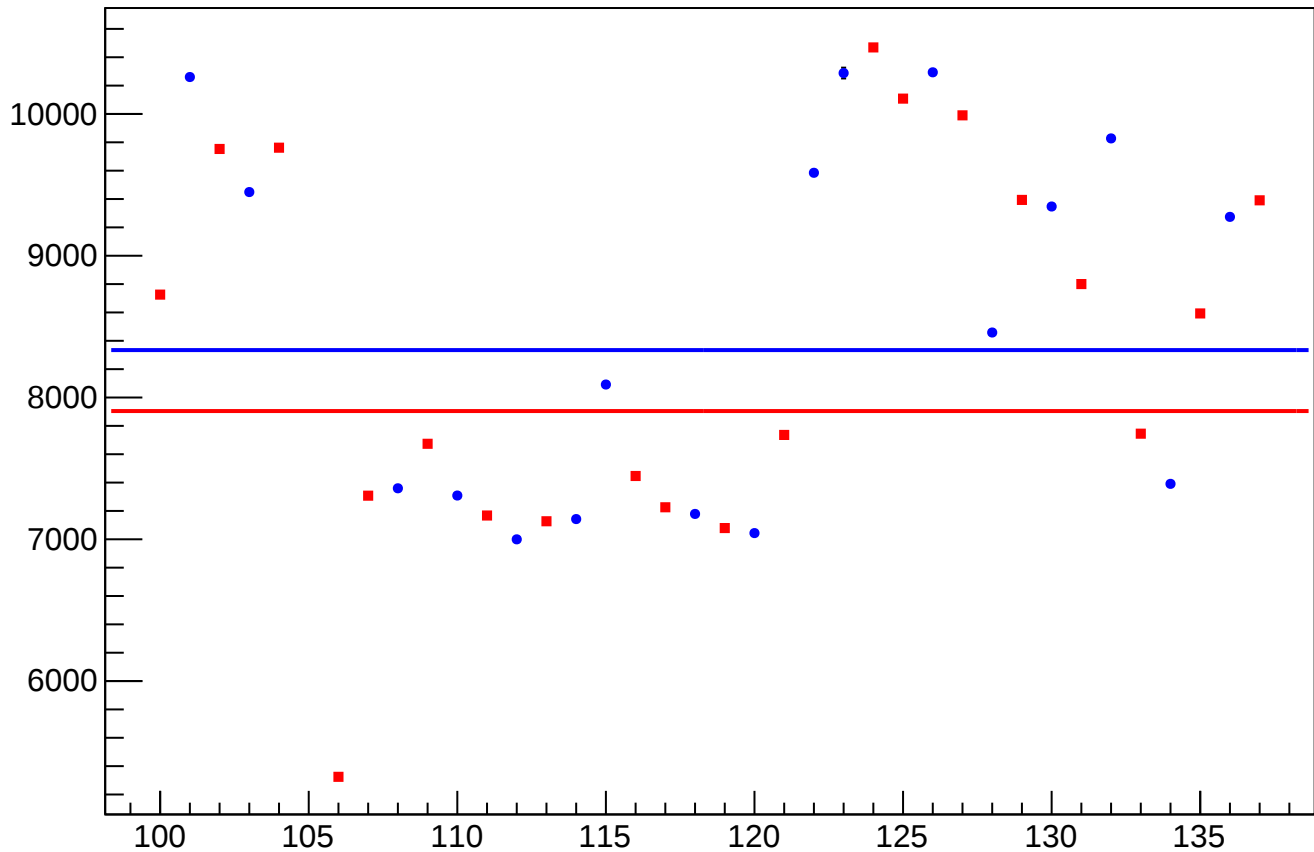
Right Out: -10.125+/-2.994 χ^2/NDF : 28.0/19

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

23.904+/-3.251 χ^2/NDF : 52.4/16

-10.125+/-2.994 χ^2/NDF : 28.0/19

diff_bpm0l09X_rms vs Slug



Right In: 8334.507+/-2.299 χ^2/NDF : 272302.6/16

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

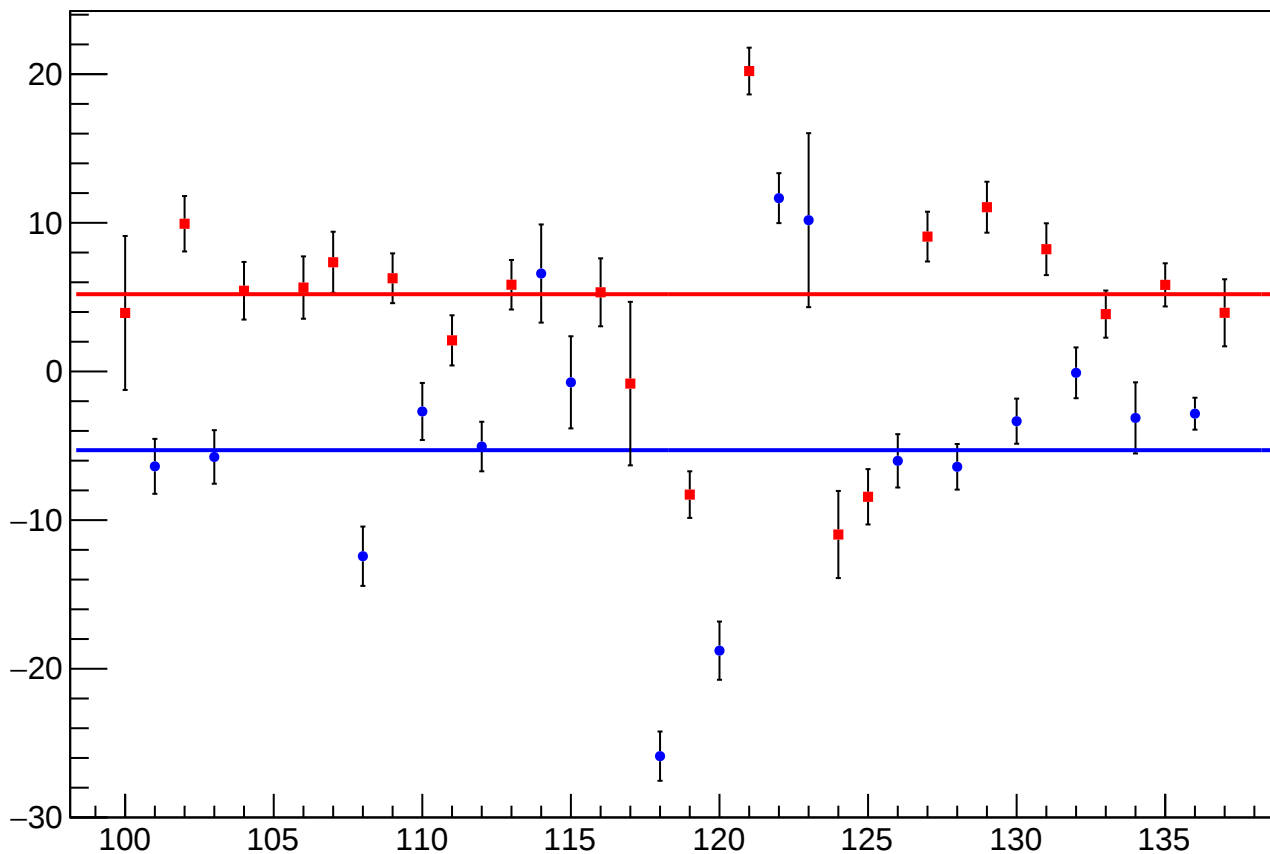
8334.507+/-2.299 χ^2/NDF : 272302.6/16

Right Out: 7904.529+/-2.117 χ^2/NDF : 391589.9/19

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

7904.529+/-2.117 χ^2/NDF : 391589.9/19

diff_bpm0l09Y_mean vs Slug



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

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

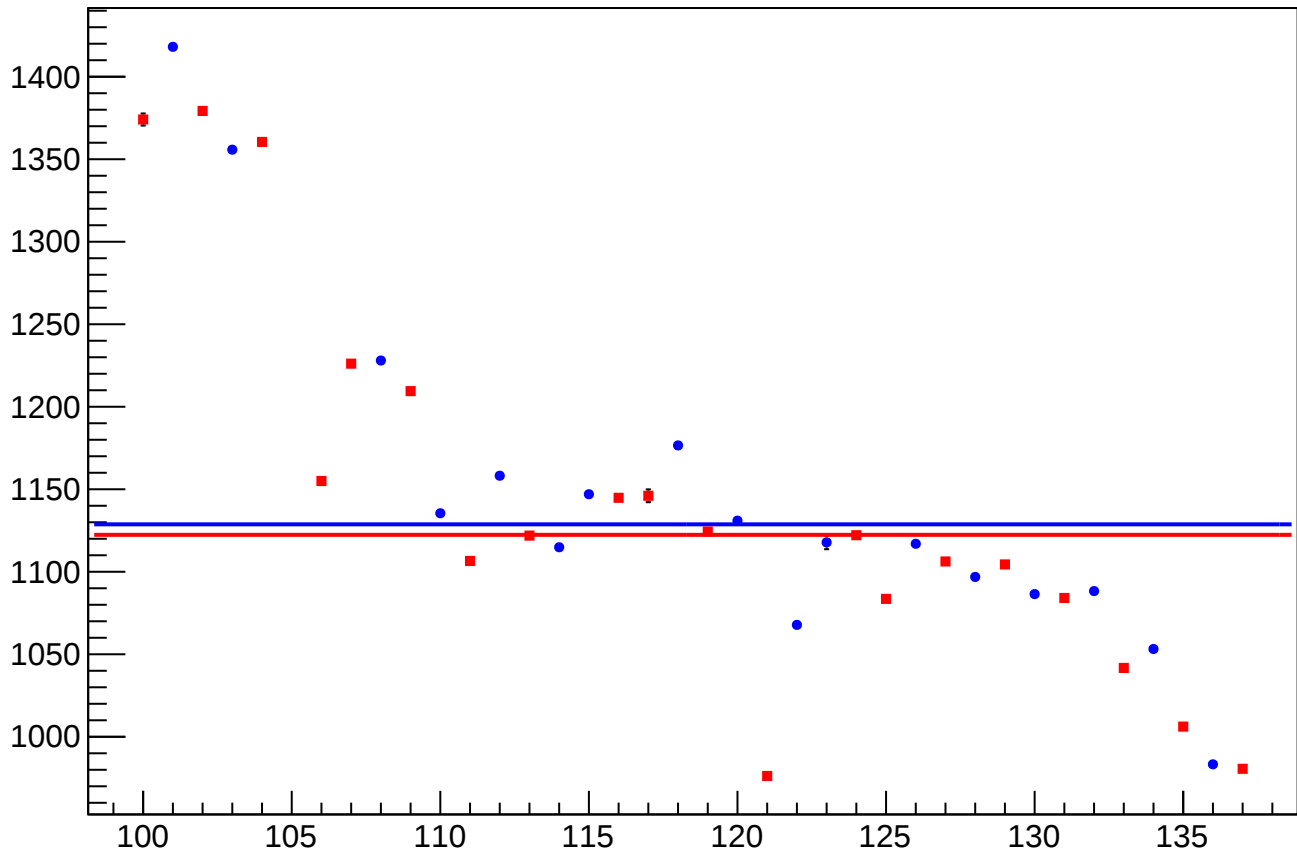
Right Out: 5.198 ± 0.420 χ^2/NDF : 283.1/19

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

-5.295 ± 0.437 χ^2/NDF : 358.1/16

5.198 ± 0.420 χ^2/NDF : 283.1/19

diff_bpm0l09Y_rms vs Slug



Right In: 1128.740+/-0.309 χ^2/NDF : 133096.9/16

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

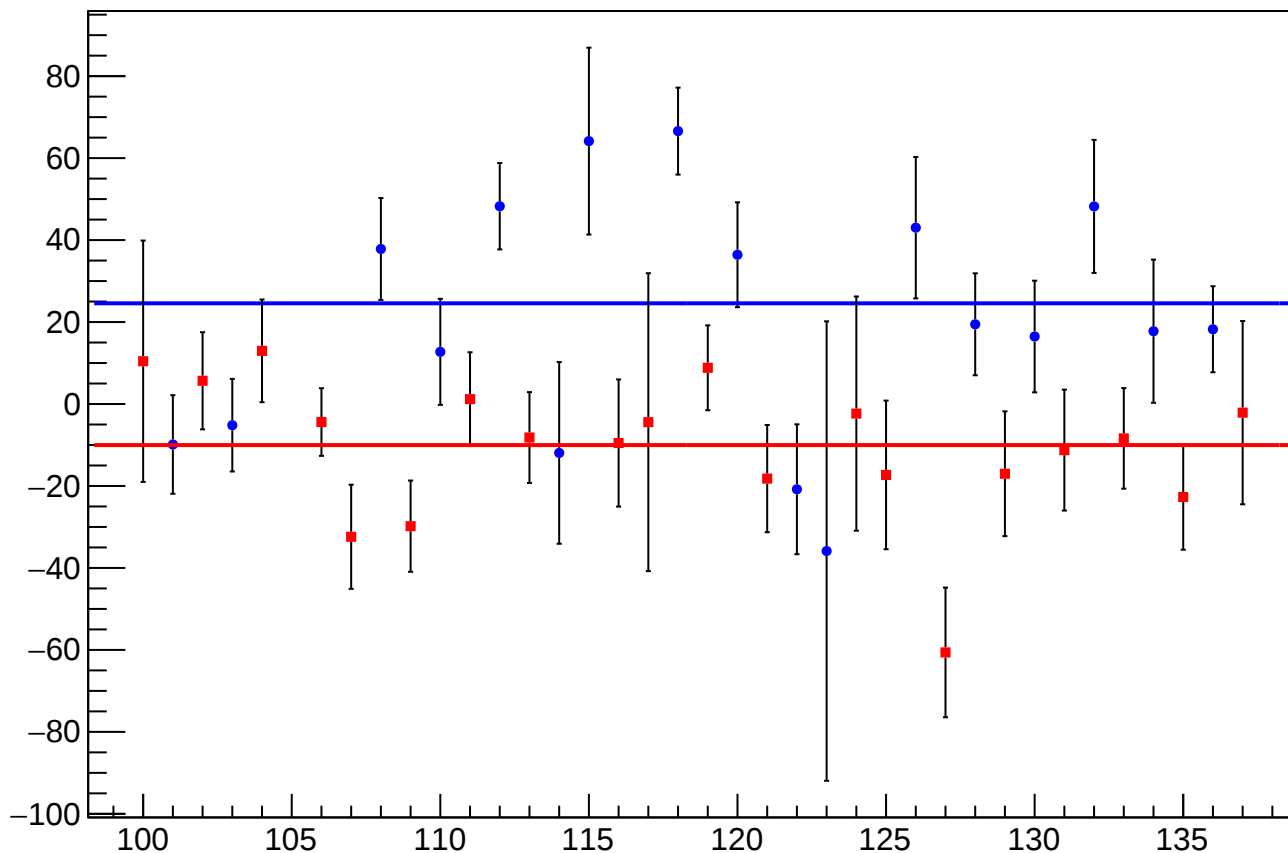
1128.740+/-0.309 χ^2/NDF : 133096.9/16

Right Out: 1122.377+/-0.297 χ^2/NDF : 129638.9/19

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

1122.377+/-0.297 χ^2/NDF : 129638.9/19

diff_bpm0l10X_mean vs Slug



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

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

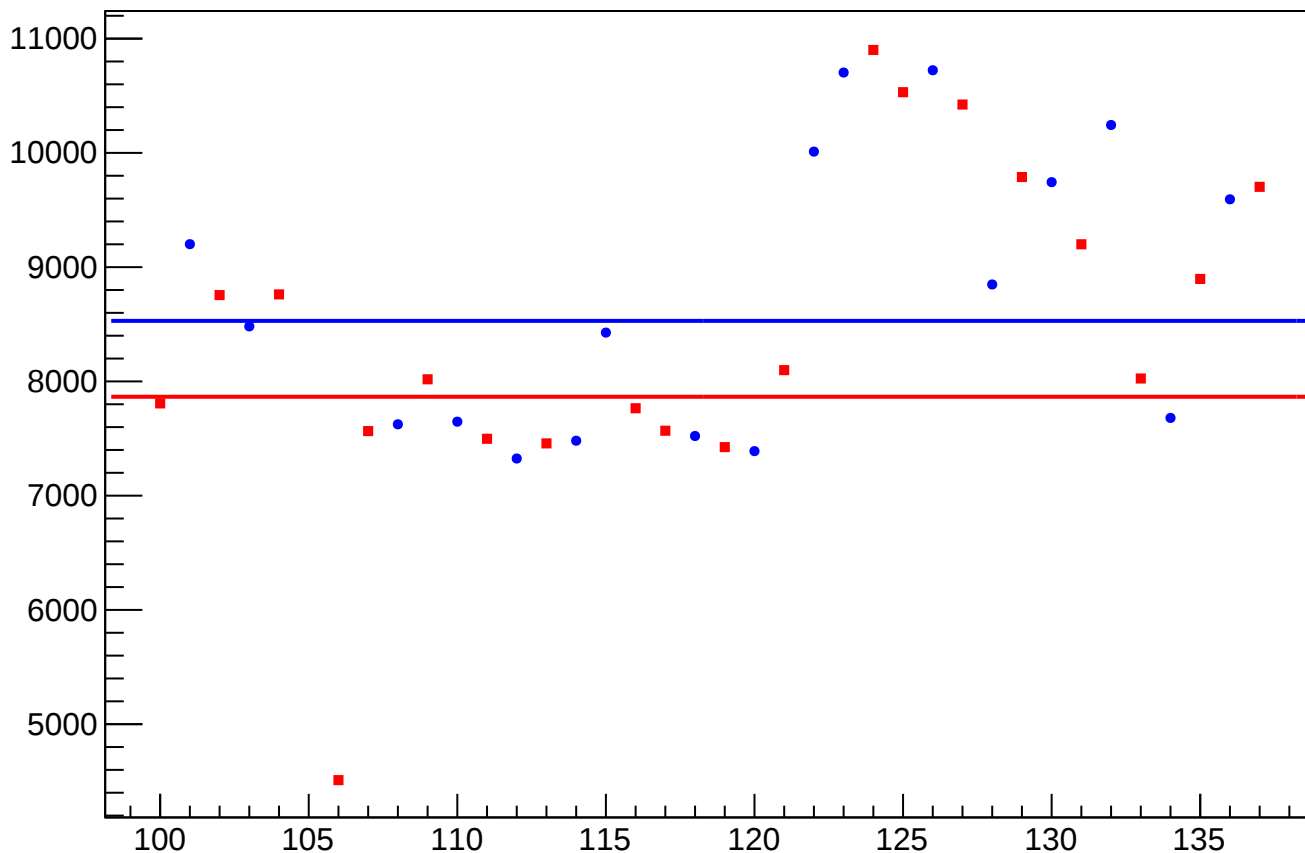
Right Out: -10.019+/-2.997 χ^2/NDF : 28.8/19

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

24.569+/-3.318 χ^2/NDF : 58.1/16

-10.019+/-2.997 χ^2/NDF : 28.8/19

diff_bpm0l10X_rms vs Slug



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

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

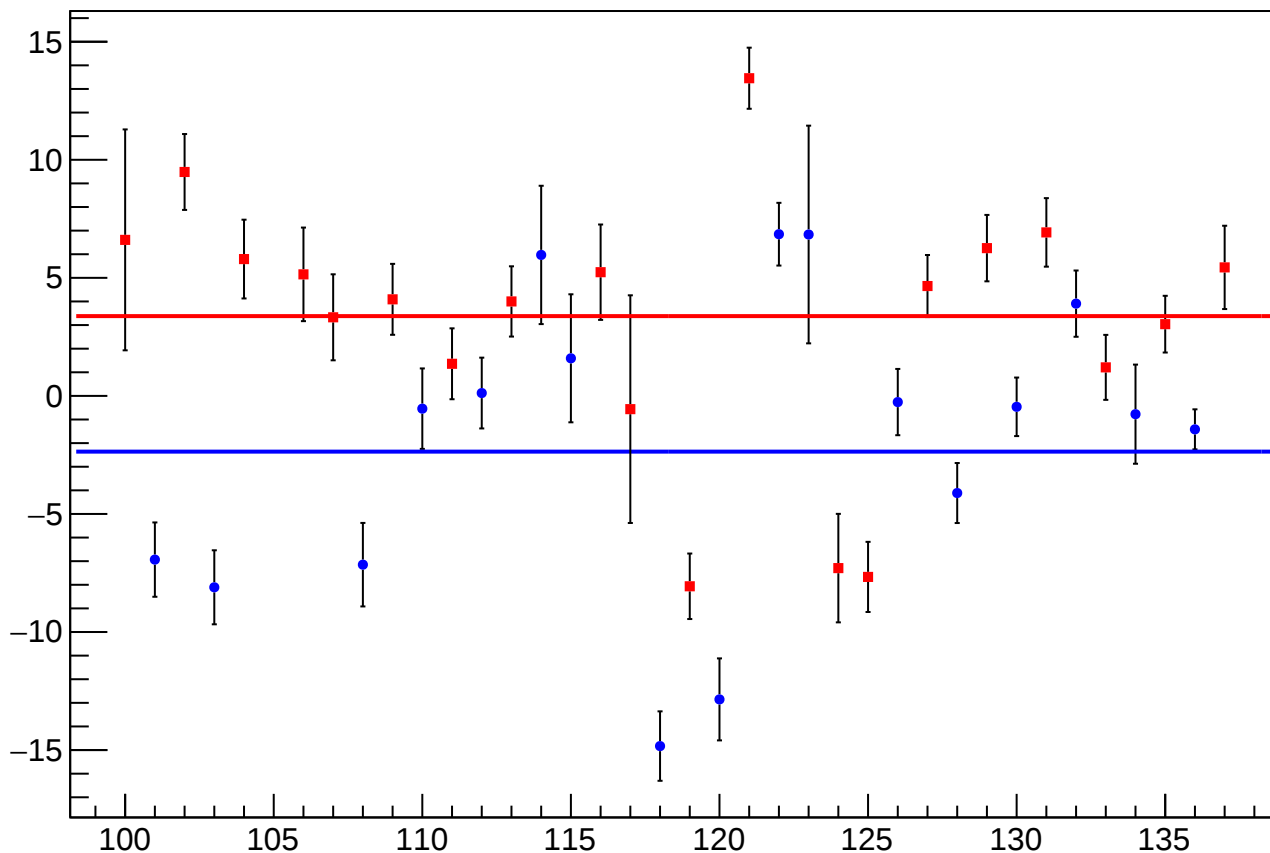
Right Out: 7865.549 $\pm$ 2.119 χ^2 /NDF: 555976.4/19

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

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

7865.549 $\pm$ 2.119 χ^2 /NDF: 555976.4/19

diff_bpm0l10Y_mean vs Slug



Right In: -2.360 ± 0.366 $\chi^2/\text{NDF}: 232.0/16$

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

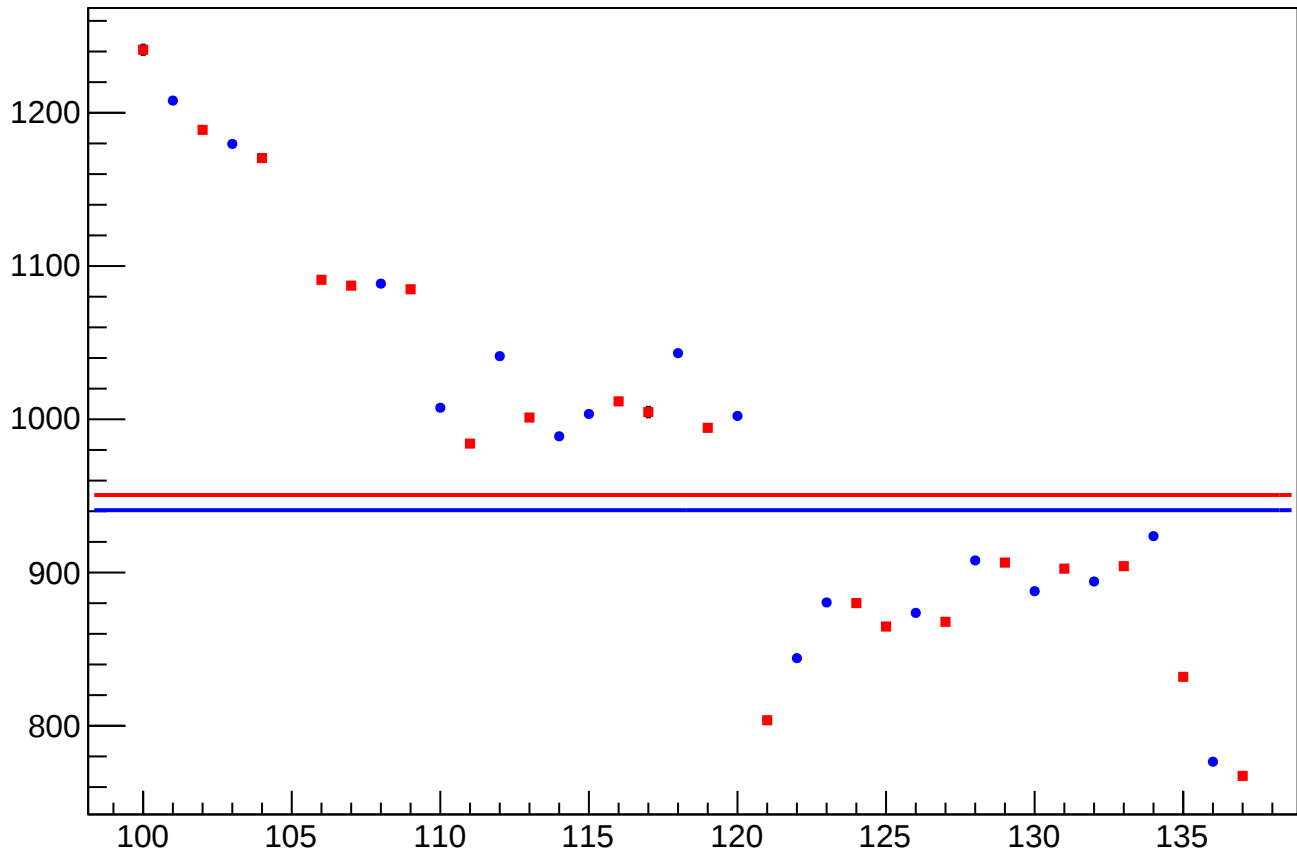
Right Out: 3.379 ± 0.357 $\chi^2/\text{NDF}: 242.1/19$

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

-2.360 ± 0.366 $\chi^2/\text{NDF}: 232.0/16$

3.379 ± 0.357 $\chi^2/\text{NDF}: 242.1/19$

diff_bpm0l10Y_rms vs Slug



Right In: 940.683 $\pm$ 0.258 χ^2 /NDF: 241768.4/16

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

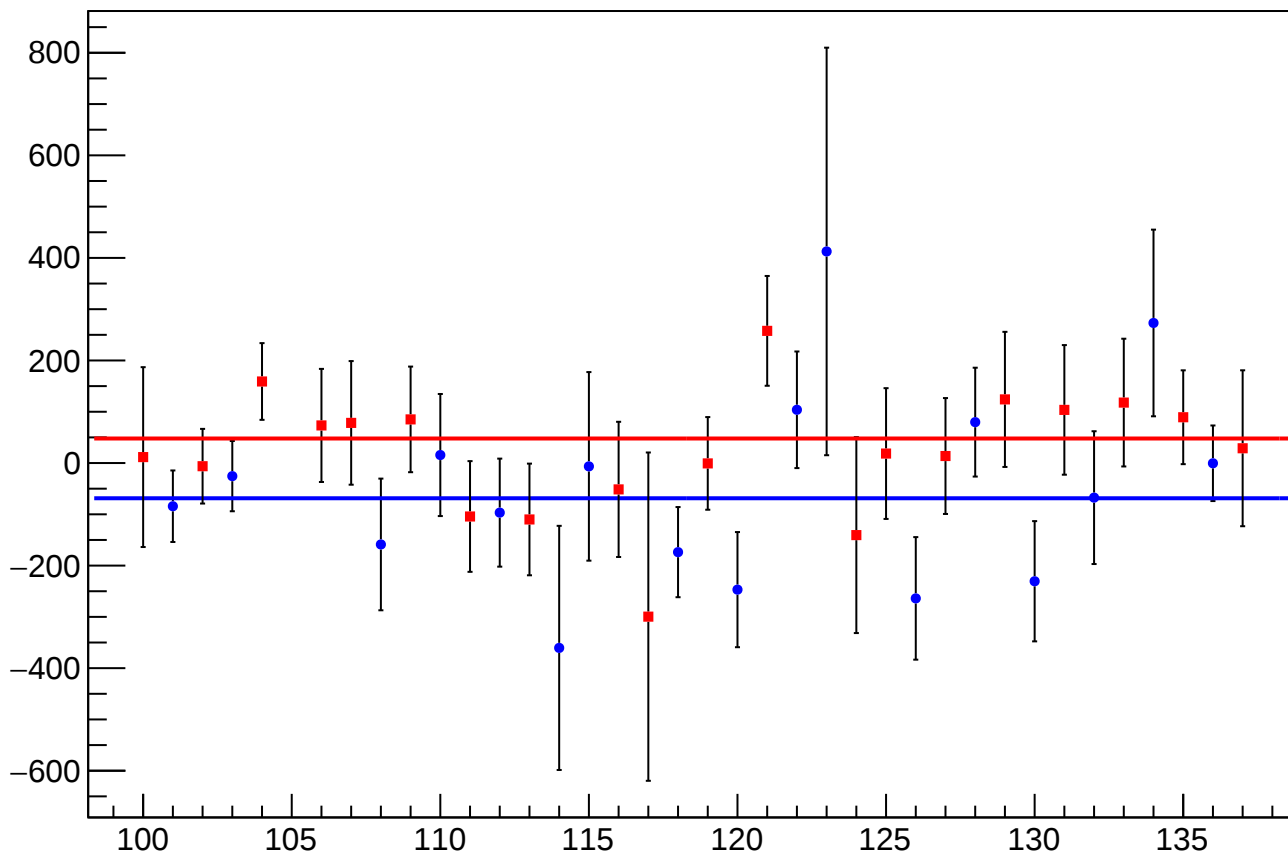
Right Out: 950.615 $\pm$ 0.253 χ^2 /NDF: 220931.3/19

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

940.683 $\pm$ 0.258 χ^2 /NDF: 241768.4/16

950.615 $\pm$ 0.253 χ^2 /NDF: 220931.3/19

diff_bpm0r03X_mean vs Slug



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

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

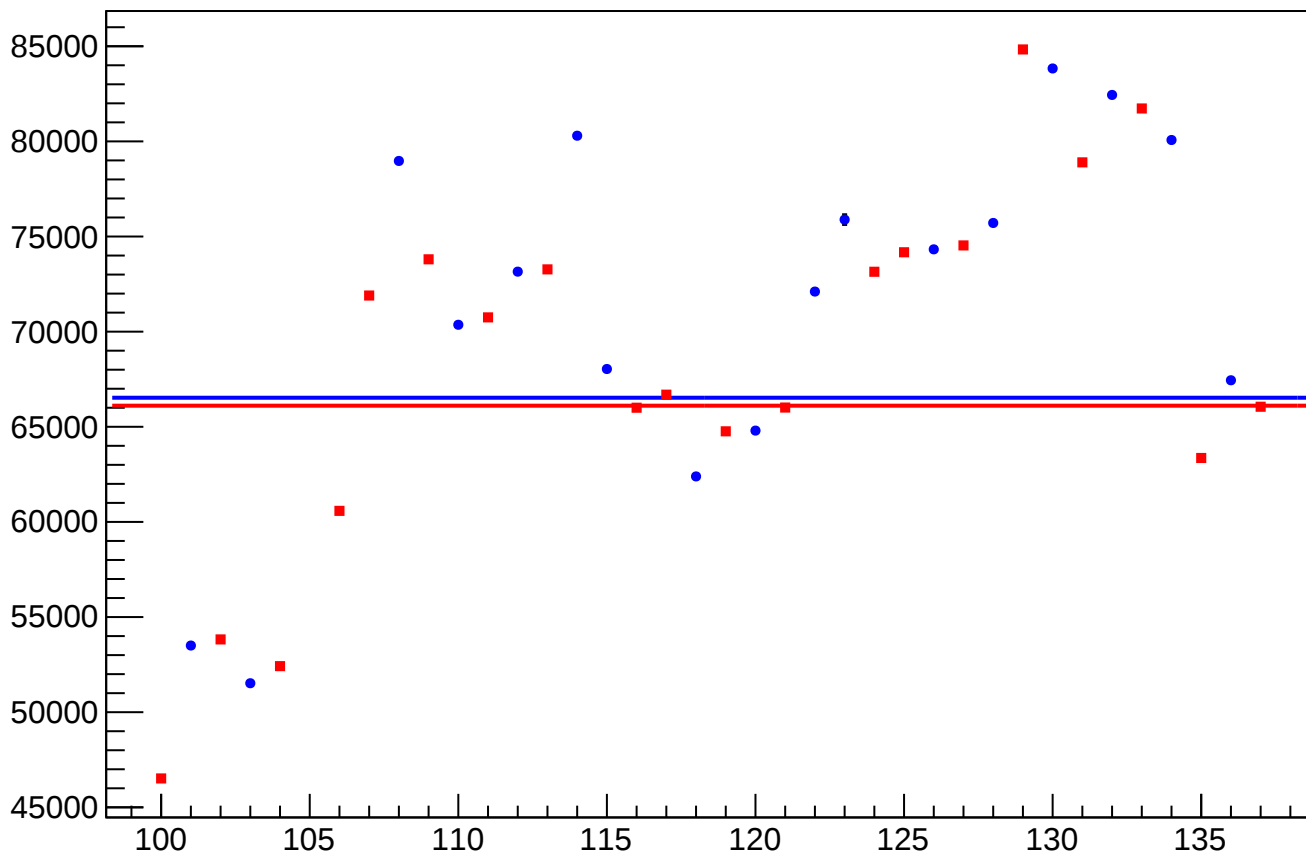
Right Out: 47.835 $\pm$ 24.944 χ^2 /NDF: 15.2/19

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

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

47.835 $\pm$ 24.944 χ^2 /NDF: 15.2/19

diff_bpm0r03X_rms vs Slug



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

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

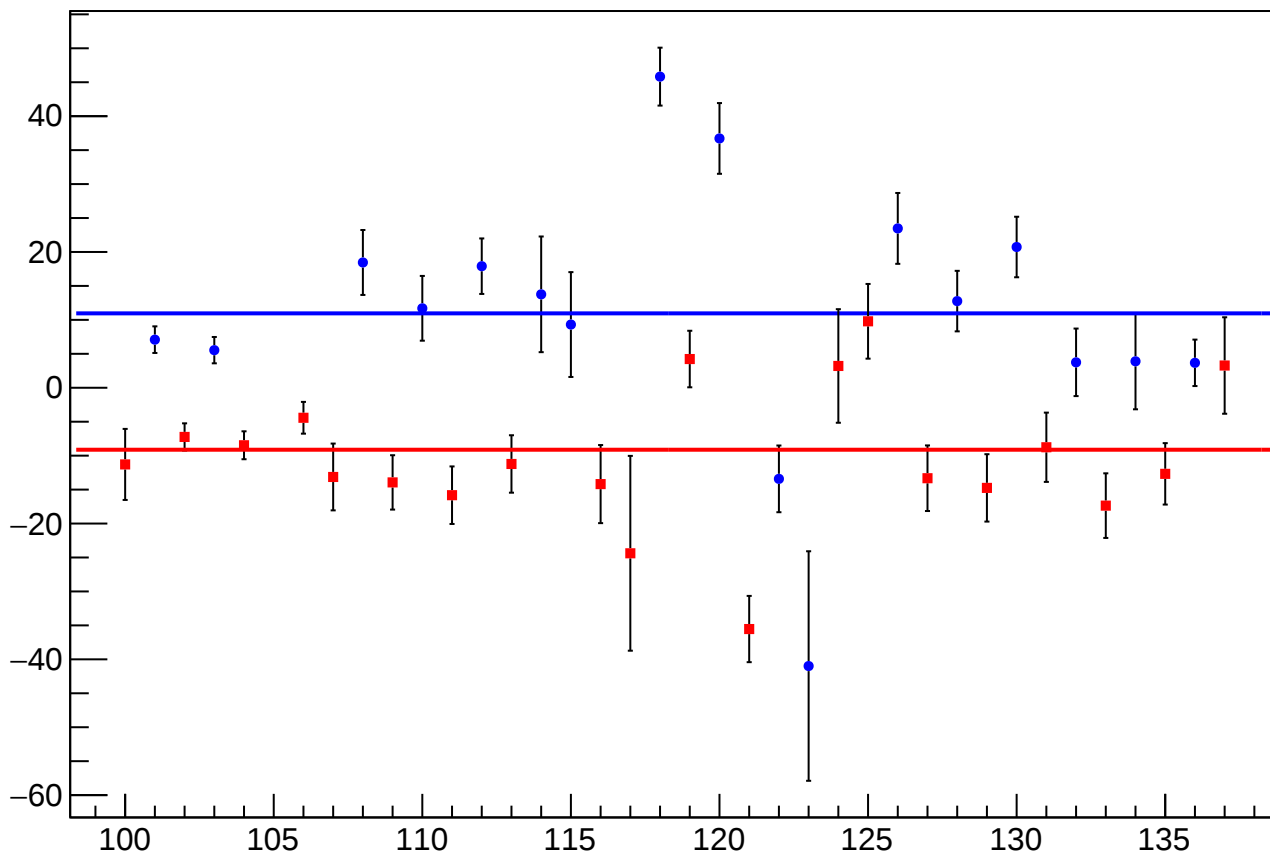
Right Out: 66109.383+/-17.638 χ^2/NDF : 298491.9/19

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

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

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

diff_bpm0r03Y_mean vs Slug



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

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

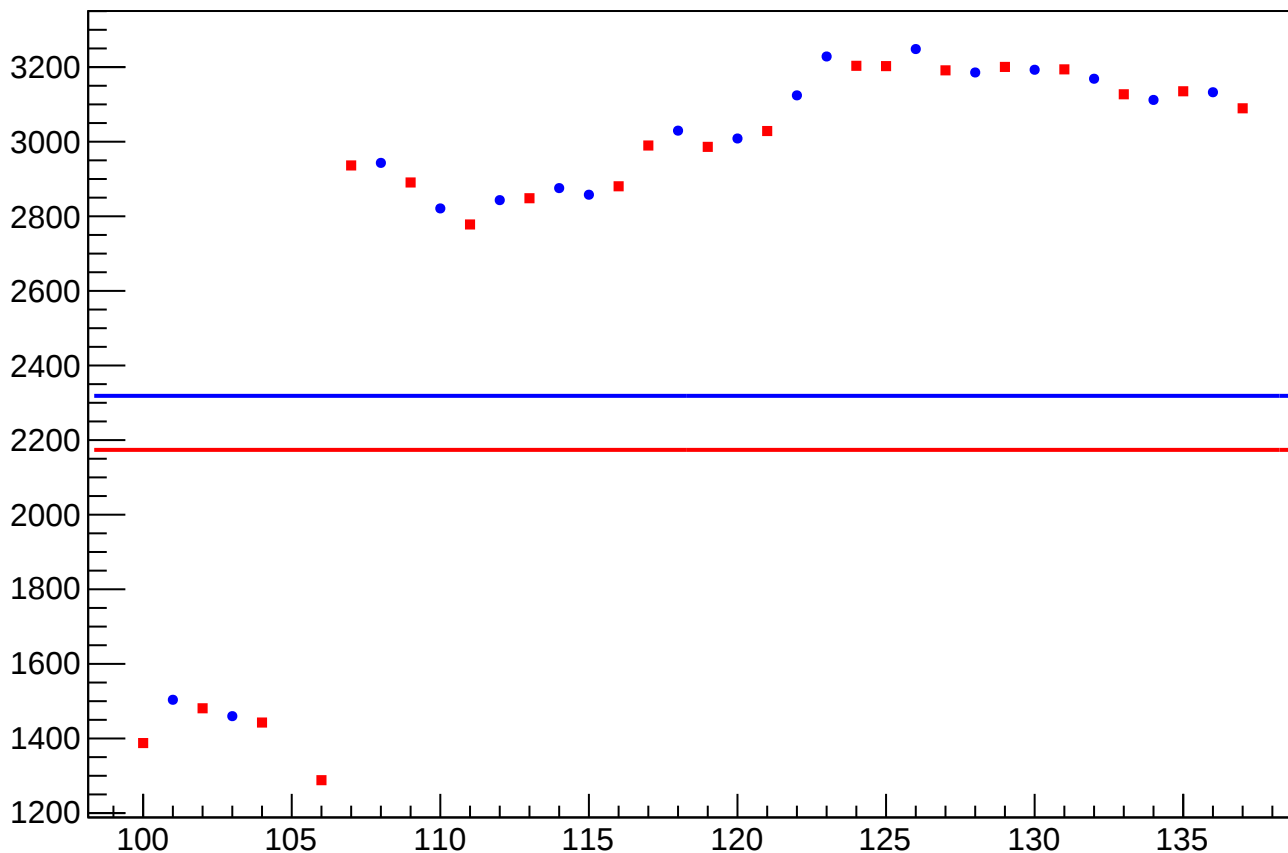
Right Out: -9.127+/-0.865 χ^2 /NDF: 74.2/19

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

10.958+/-0.943 χ^2 /NDF: 160.9/16

-9.127+/-0.865 χ^2 /NDF: 74.2/19

diff_bpm0r03Y_rms vs Slug



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

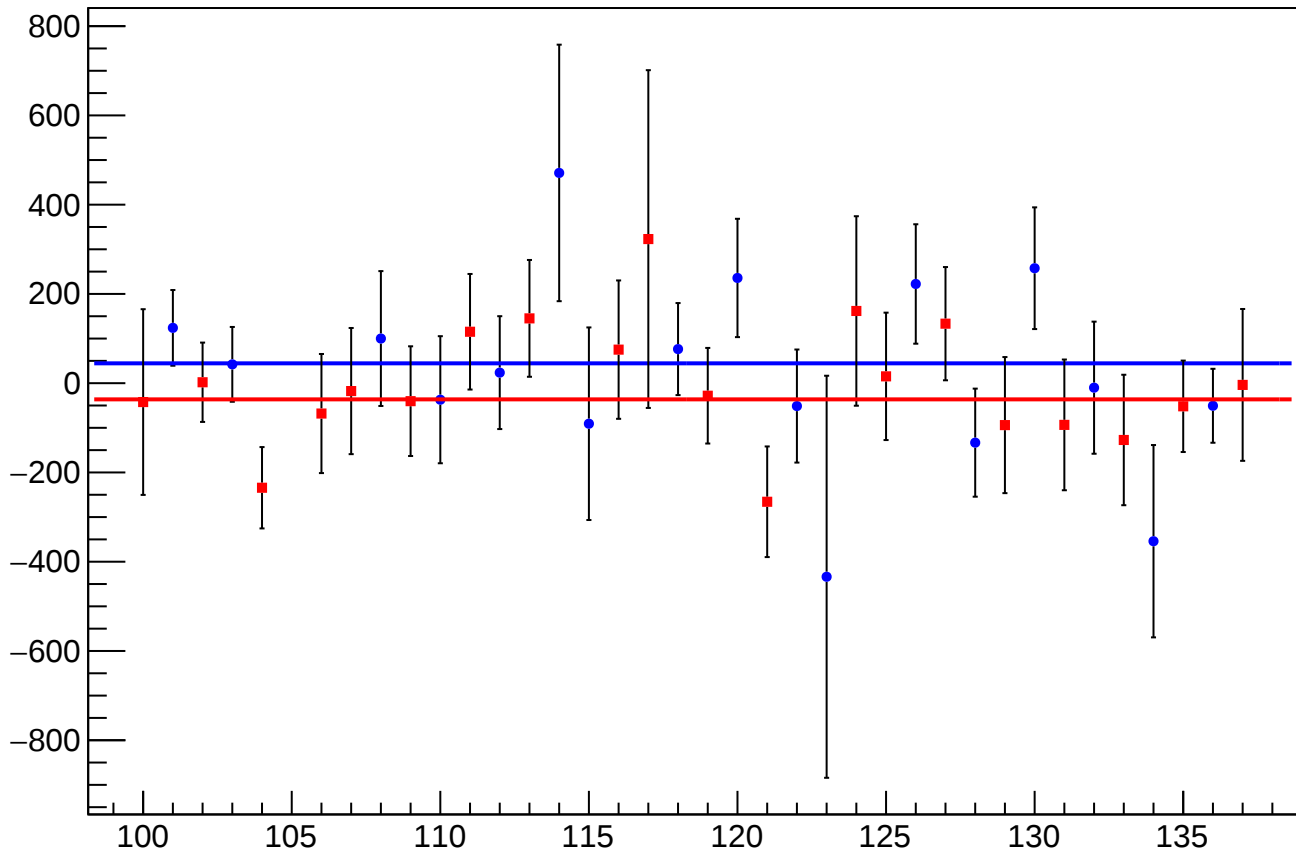
Right Out: 2173.762 $\pm$ 0.611 χ^2 /NDF: 1760181.2/19

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

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

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

diff_bpm0r05X_mean vs Slug



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

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

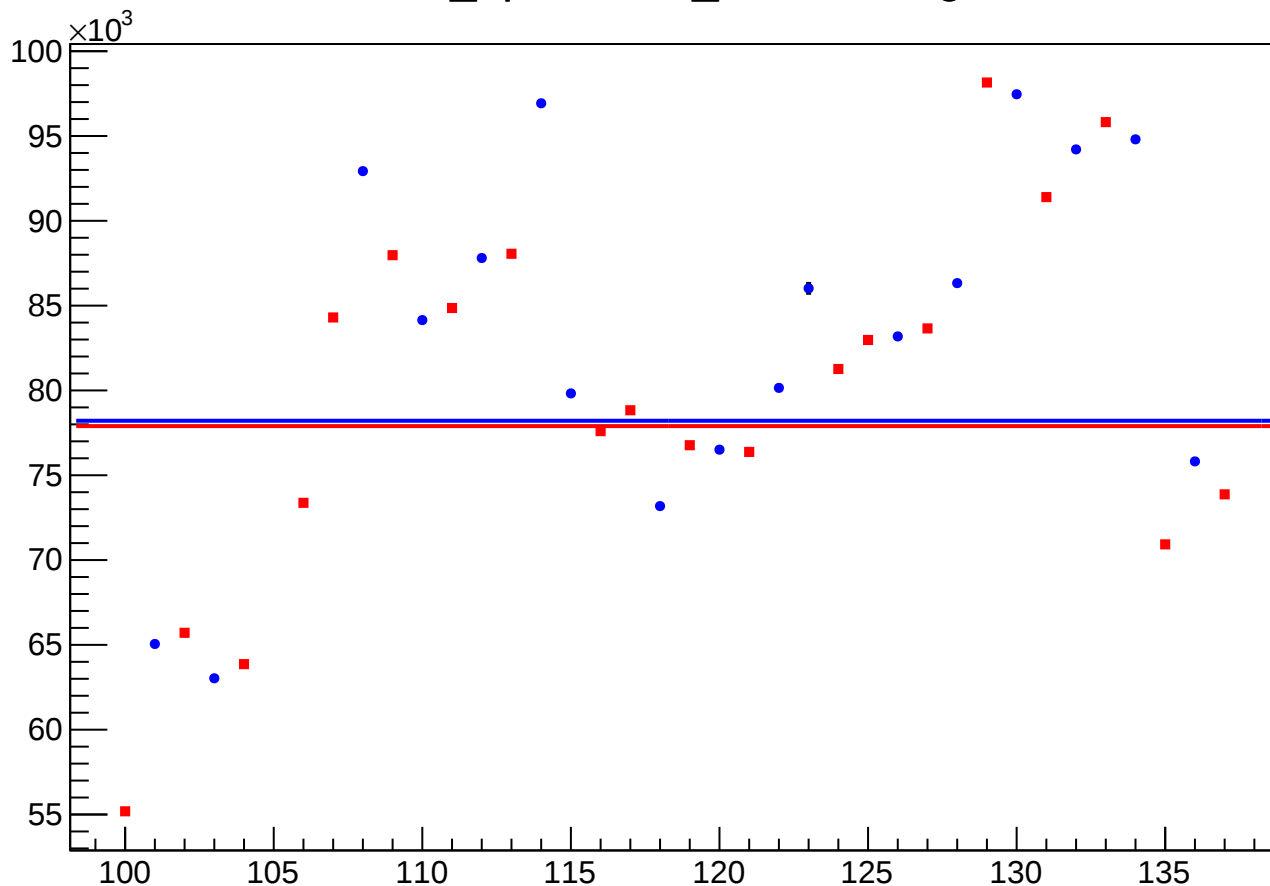
Right Out: -36.251+/-29.346 χ^2/NDF : 16.7/19

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

44.484+/-30.432 χ^2/NDF : 19.1/16

-36.251+/-29.346 χ^2/NDF : 16.7/19

diff_bpm0r05X_rms vs Slug



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

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

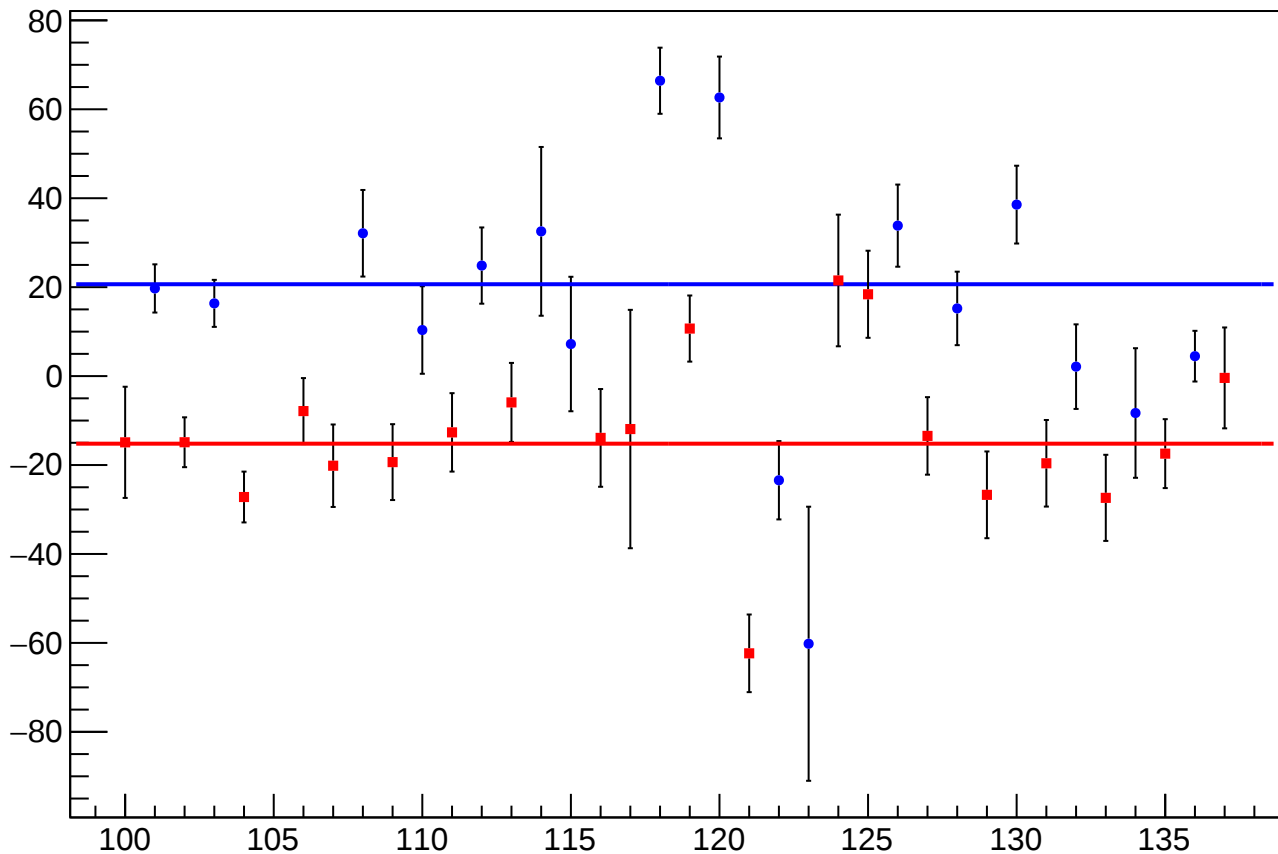
Right Out: 77897.594+/-20.751 χ^2/NDF : 246982.5/19

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

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

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

diff_bpm0r05Y_mean vs Slug



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

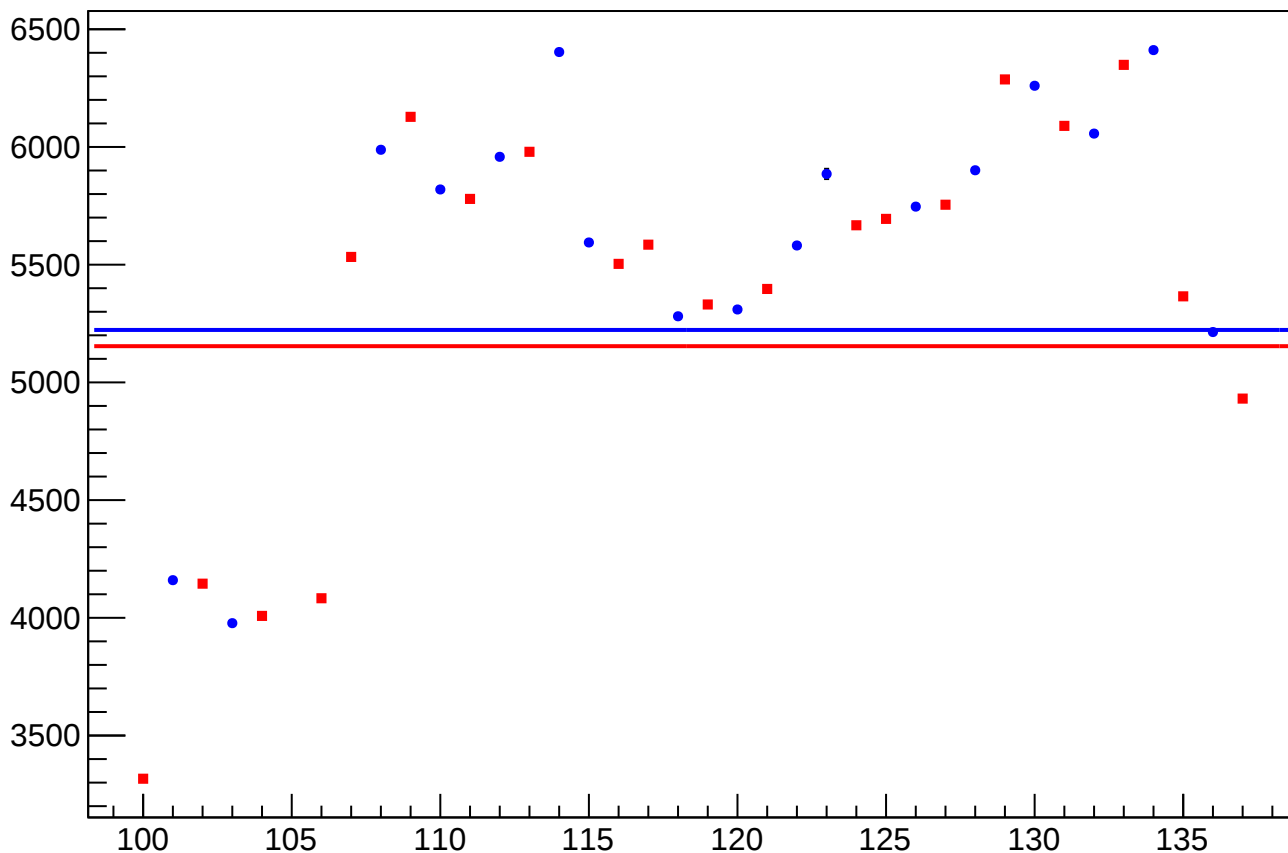
Right Out: -15.198 $\pm$ 1.950 χ^2 /NDF: 71.3/19

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

20.657 $\pm$ 2.036 χ^2 /NDF: 117.7/16

-15.198 $\pm$ 1.950 χ^2 /NDF: 71.3/19

diff_bpm0r05Y_rms vs Slug



Right In: 5222.767+/-1.440 χ^2/NDF : 312497.9/16

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

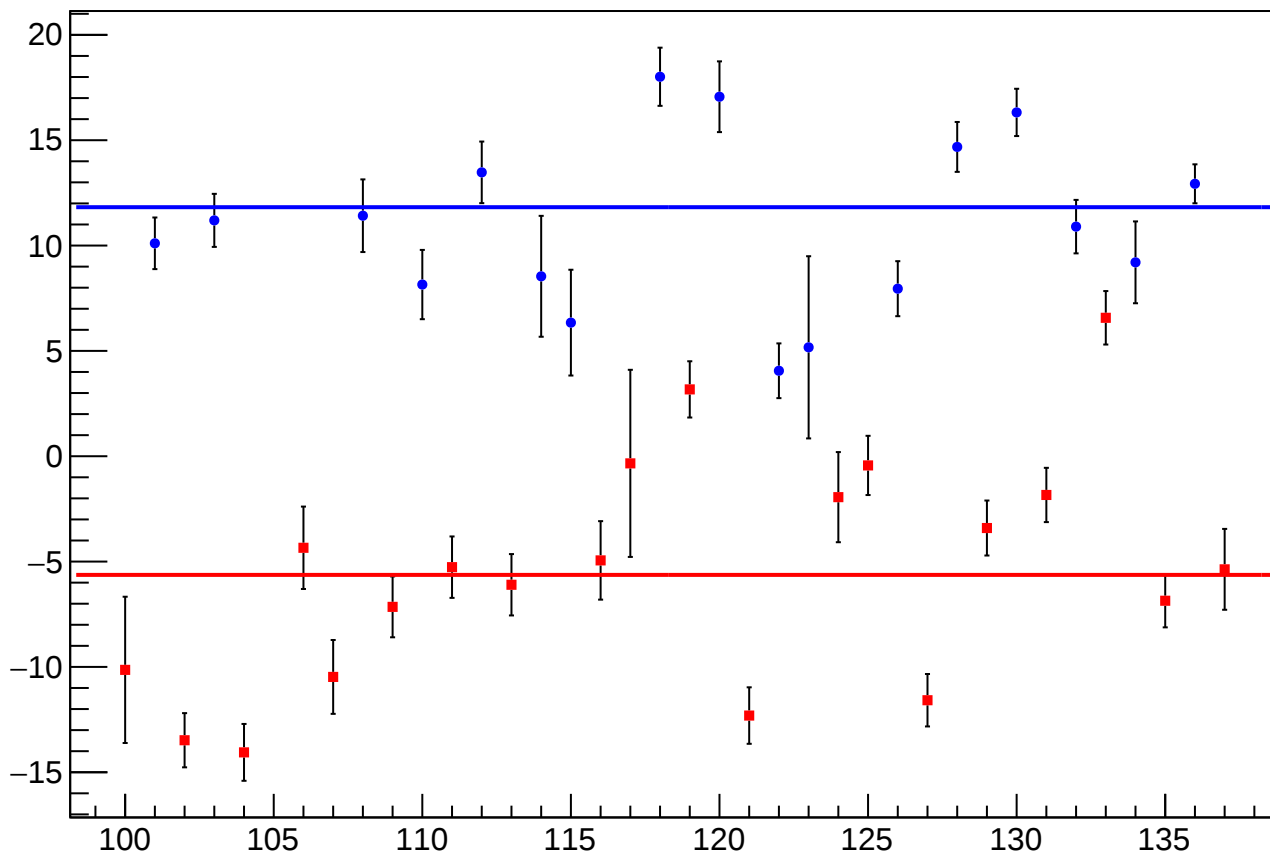
Right Out: 5153.826+/-1.379 χ^2/NDF : 388205.9/19

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

5222.767+/-1.440 χ^2/NDF : 312497.9/16

5153.826+/-1.379 χ^2/NDF : 388205.9/19

diff_bpm2i01X_mean vs Slug



Right In: 11.821 $\pm$ 0.344 χ^2 /NDF: 117.0/16

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

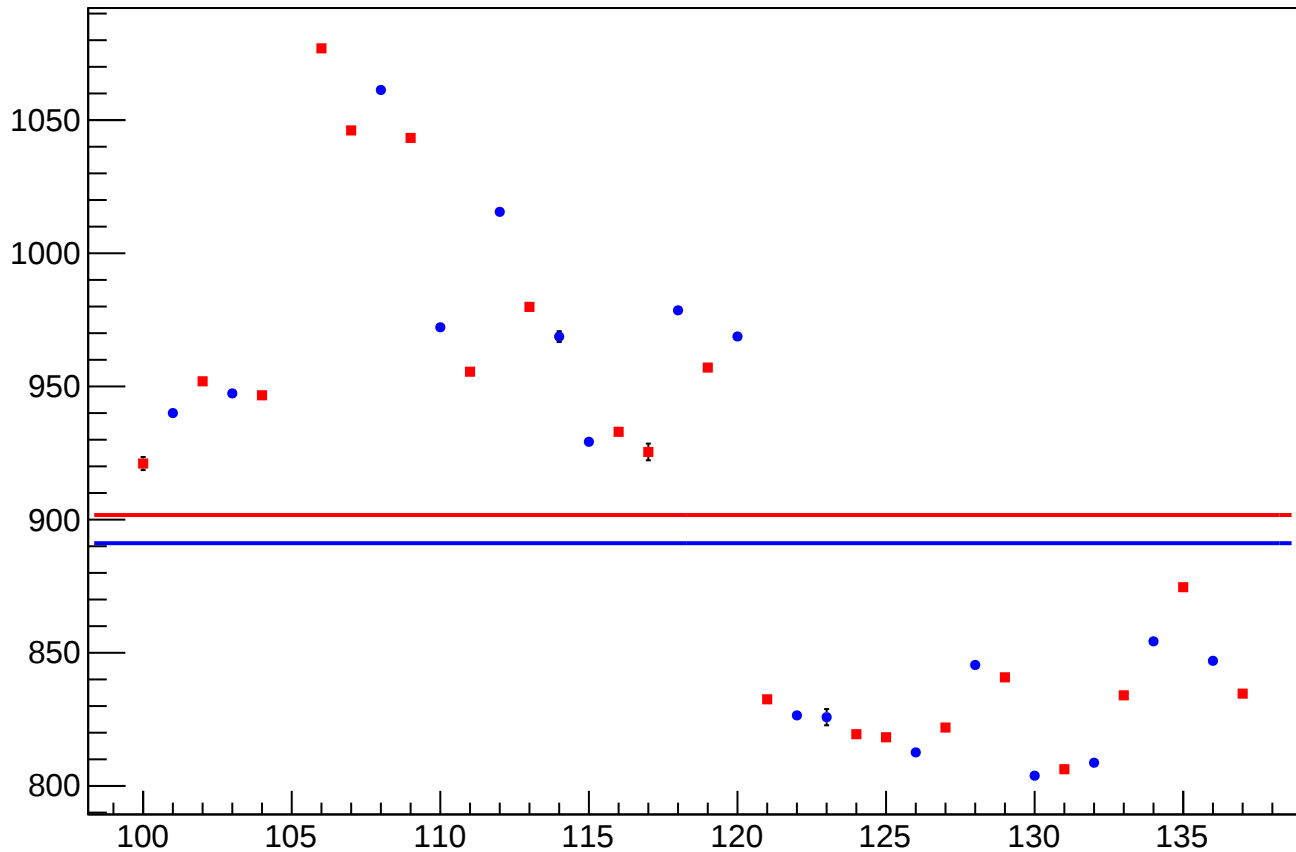
Right Out: -5.632 $\pm$ 0.337 χ^2 /NDF: 301.6/19

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

11.821 $\pm$ 0.344 χ^2 /NDF: 117.0/16

-5.632 $\pm$ 0.337 χ^2 /NDF: 301.6/19

diff_bpm2i01X_rms vs Slug



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

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

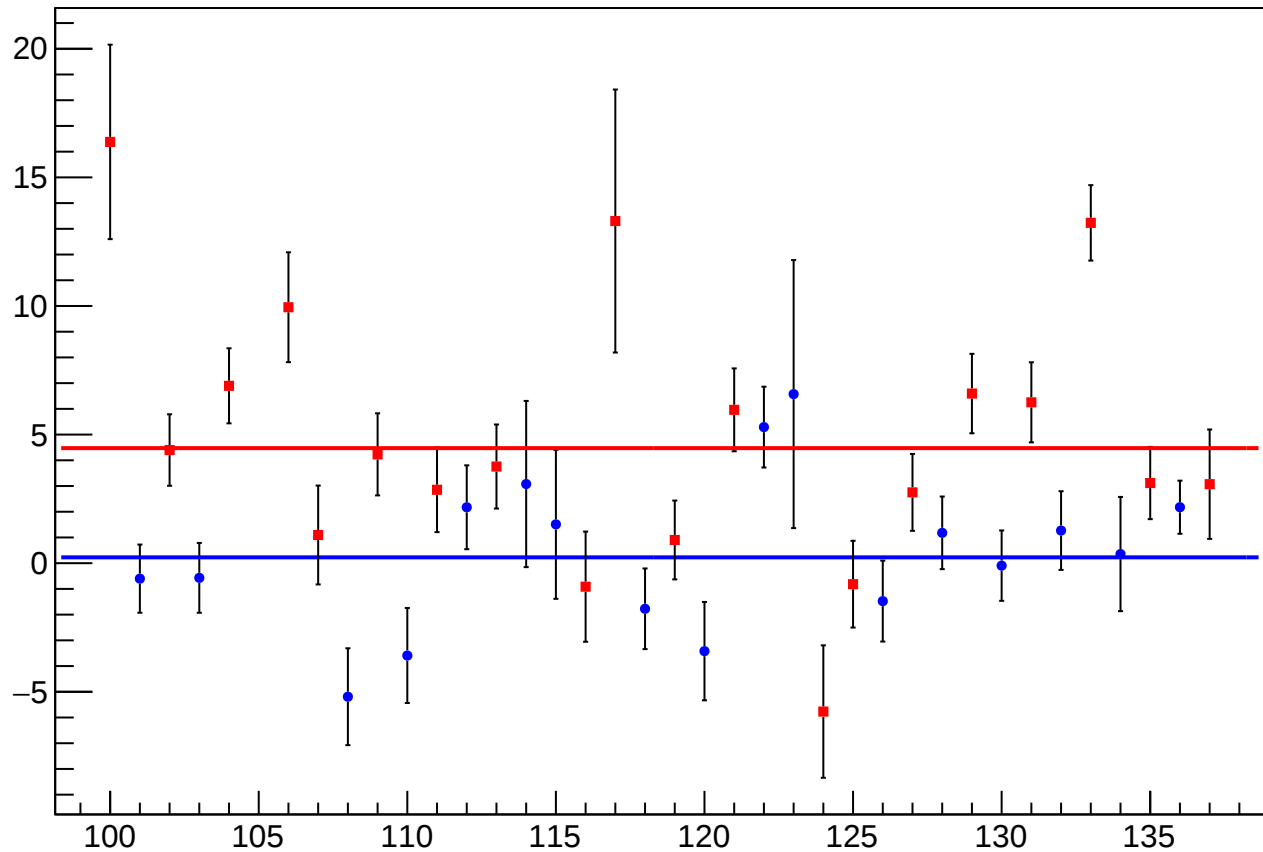
Right Out: 901.725+/-0.239 χ^2/NDF : 114648.1/19

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

891.149+/-0.244 χ^2/NDF : 101659.1/16

901.725+/-0.239 χ^2/NDF : 114648.1/19

diff_bpm2i01Y_mean vs Slug



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

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

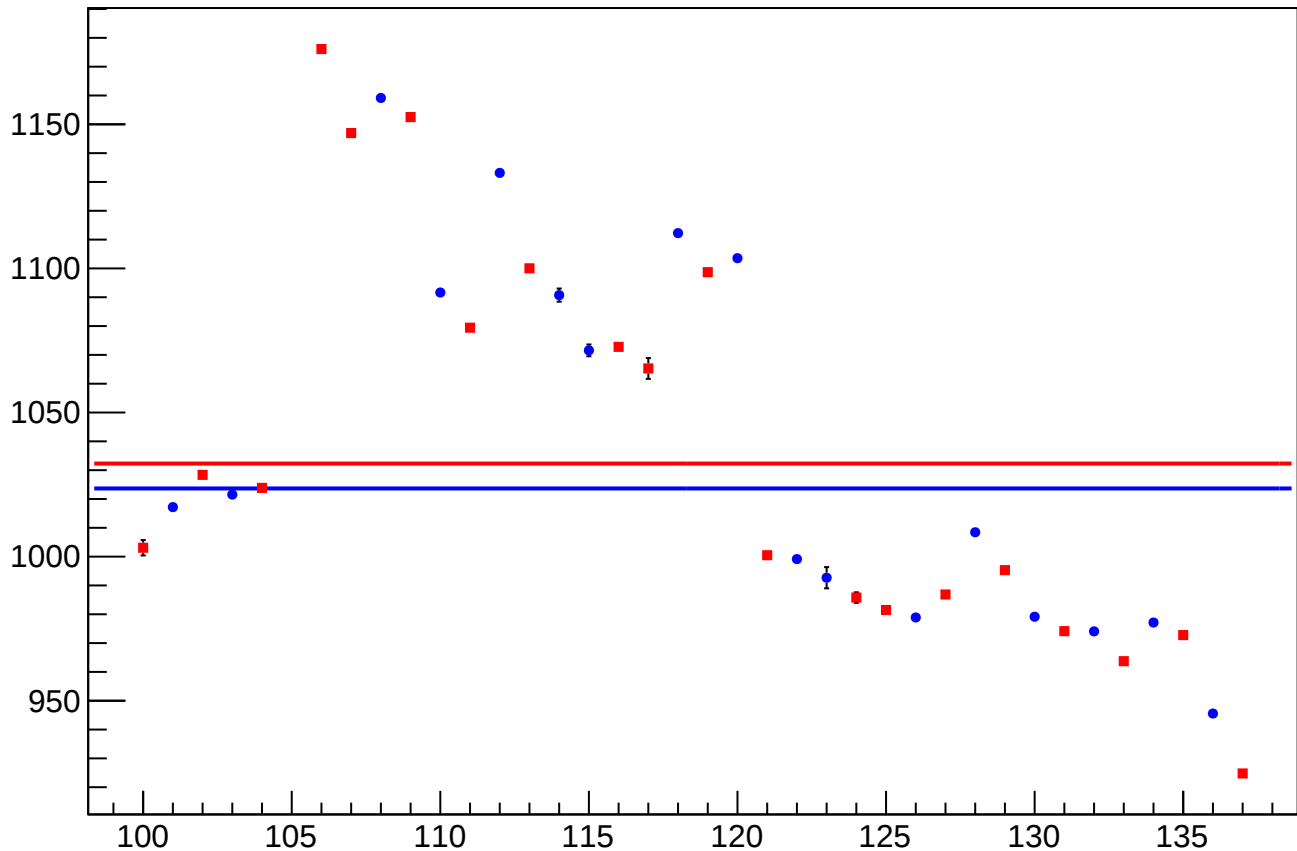
Right Out: 4.473+/-0.386 χ^2/NDF : 106.3/19

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

0.227+/-0.395 χ^2/NDF : 38.5/16

4.473+/-0.386 χ^2/NDF : 106.3/19

diff_bpm2i01Y_rms vs Slug



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

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

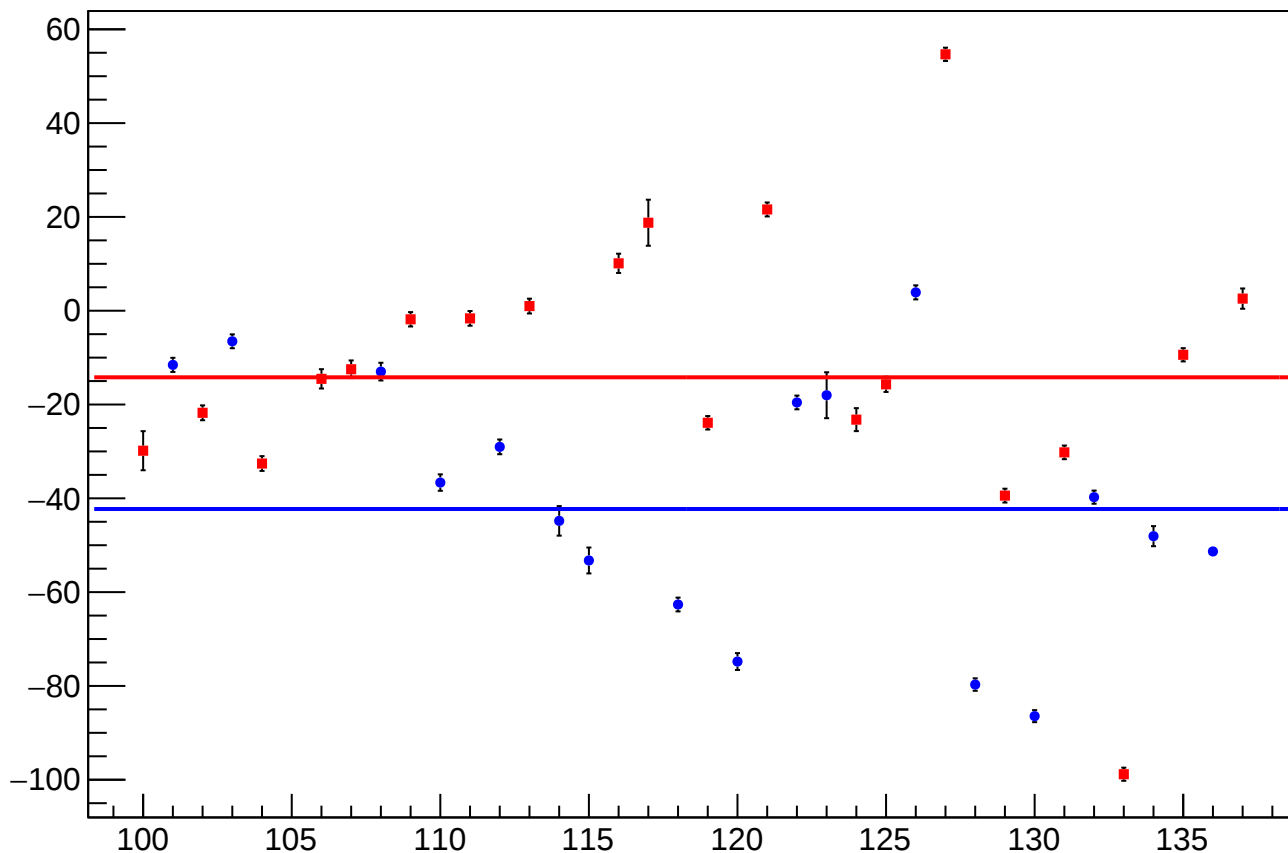
Right Out: 1032.296+/-0.273 χ^2/NDF : 59475.4/19

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

1023.655+/-0.279 χ^2/NDF : 52373.8/16

1032.296+/-0.273 χ^2/NDF : 59475.4/19

diff_bpm2i02X_mean vs Slug



Right In: -42.278+/-0.387 χ^2/NDF : 5126.8/16

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

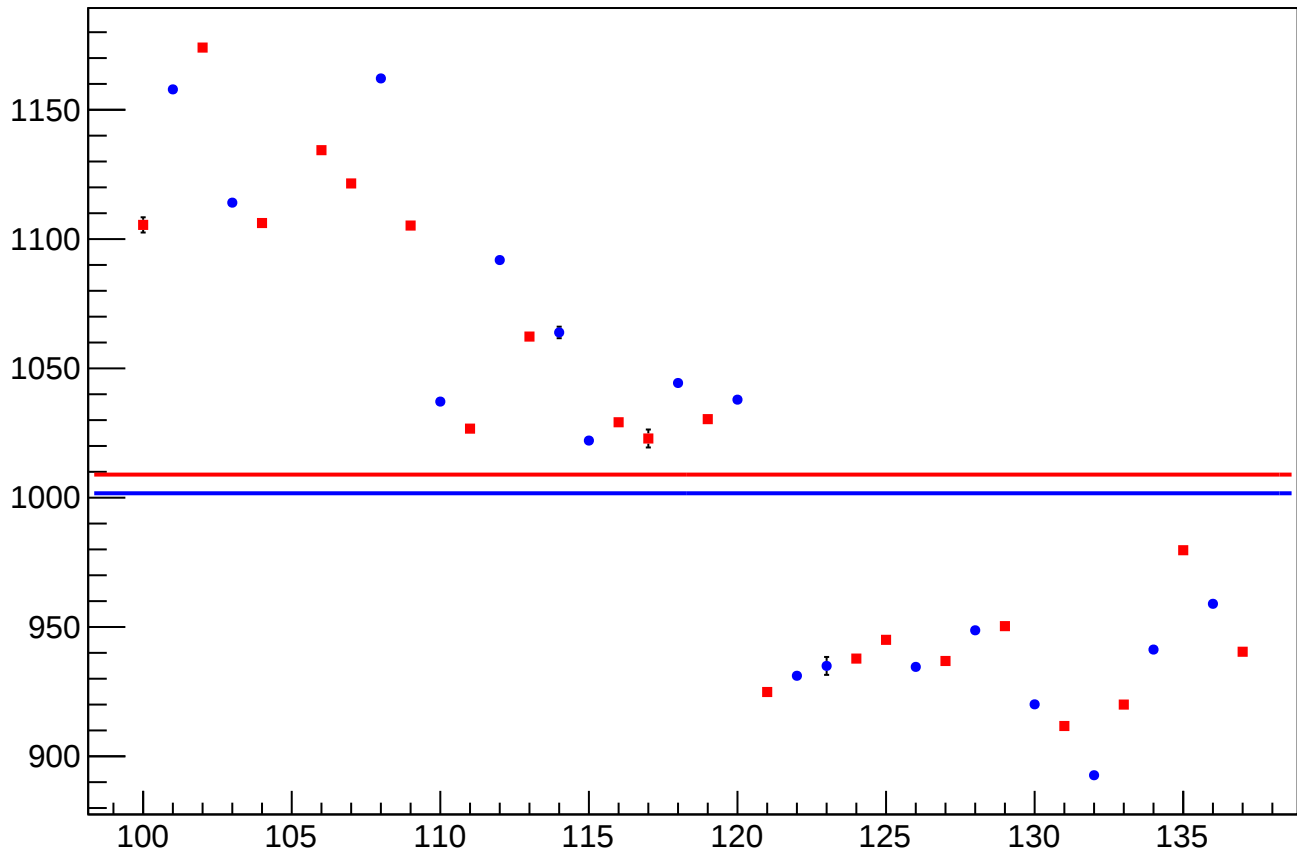
Right Out: -14.197+/-0.377 χ^2/NDF : 7715.1/19

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

-42.278+/-0.387 χ^2/NDF : 5126.8/16

-14.197+/-0.377 χ^2/NDF : 7715.1/19

diff_bpm2i02X_rms vs Slug



Right In: 1001.706+/-0.274 χ^2/NDF : 95480.0/16

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

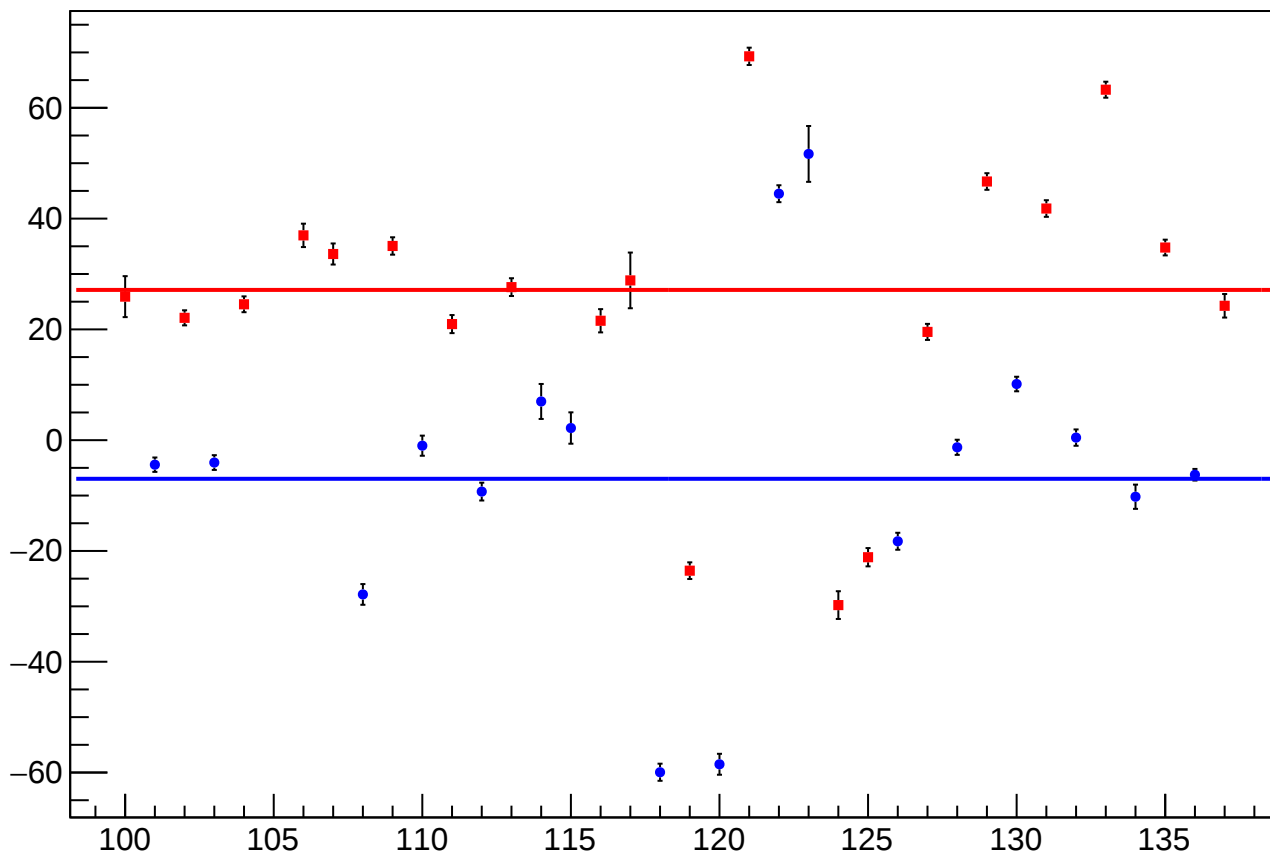
Right Out: 1008.931+/-0.267 χ^2/NDF : 95366.1/19

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

1001.706+/-0.274 χ^2/NDF : 95480.0/16

1008.931+/-0.267 χ^2/NDF : 95366.1/19

diff_bpm2i02Y_mean vs Slug



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

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

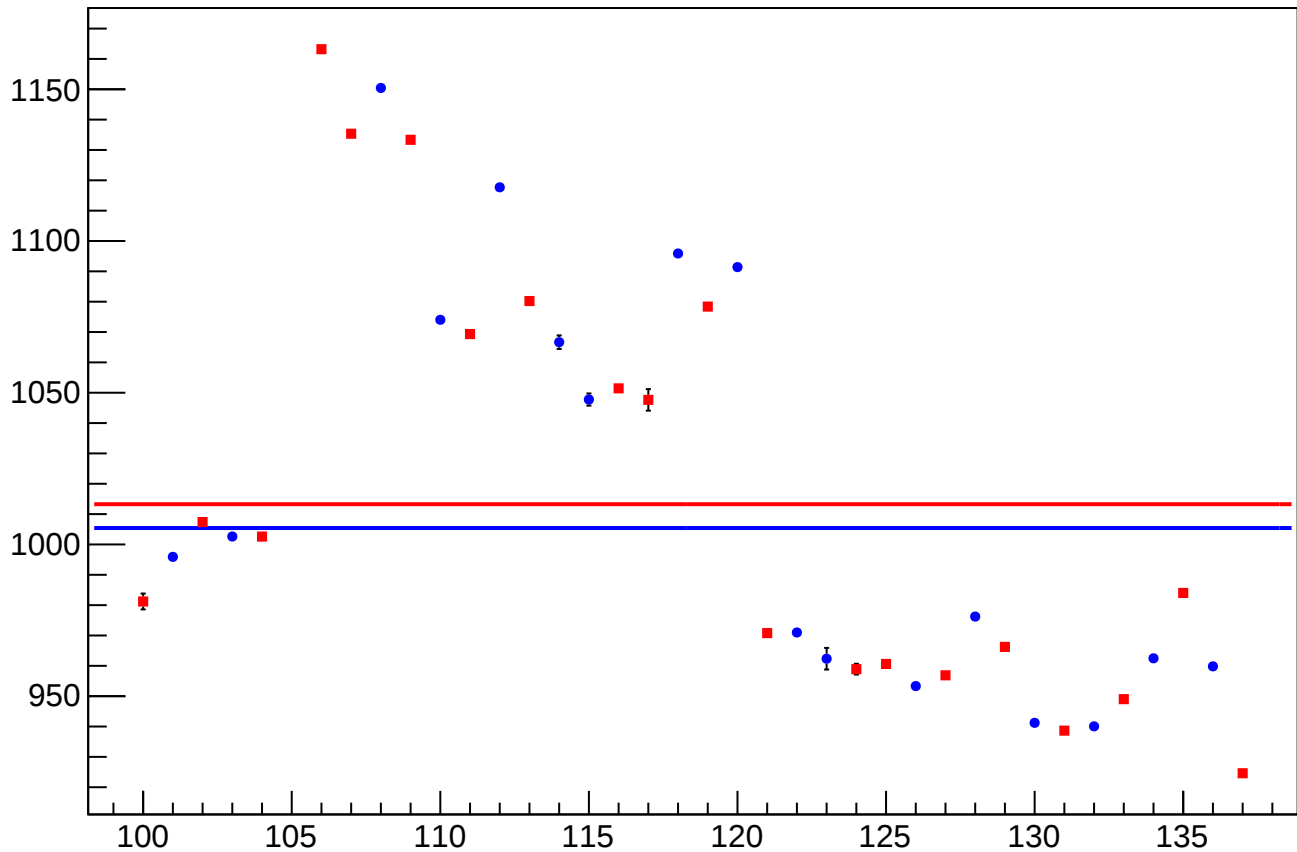
Right Out: 27.125 ± 0.379 χ^2/NDF : 4283.6/19

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

-6.974 ± 0.388 χ^2/NDF : 3636.9/16

27.125 ± 0.379 χ^2/NDF : 4283.6/19

diff_bpm2i02Y_rms vs Slug



Right In: 1005.409 $\pm$ 0.274 χ^2 /NDF: 54586.0/16

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

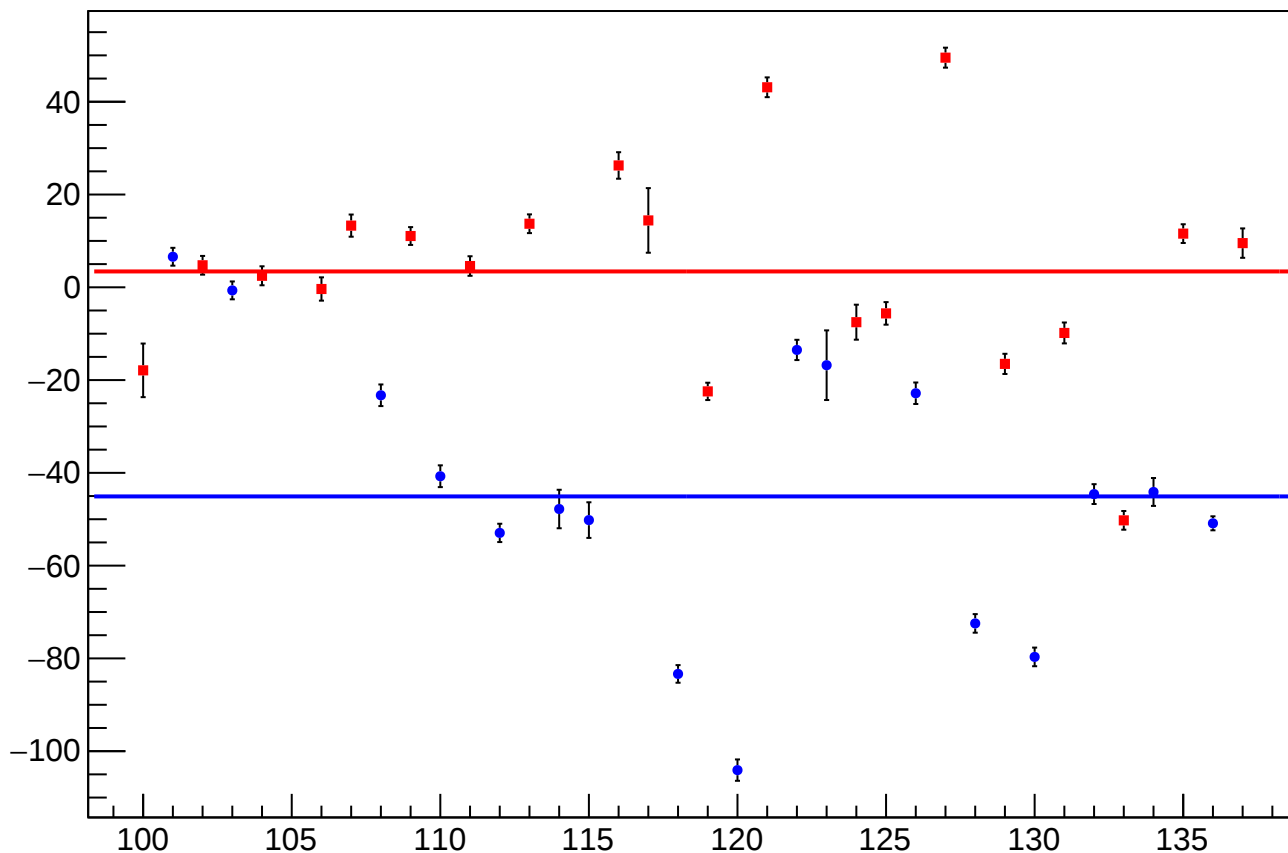
Right Out: 1013.260 $\pm$ 0.268 χ^2 /NDF: 63359.8/19

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

1005.409 $\pm$ 0.274 χ^2 /NDF: 54586.0/16

1013.260 $\pm$ 0.268 χ^2 /NDF: 63359.8/19

diff_bpm0i02X_mean vs Slug



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

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

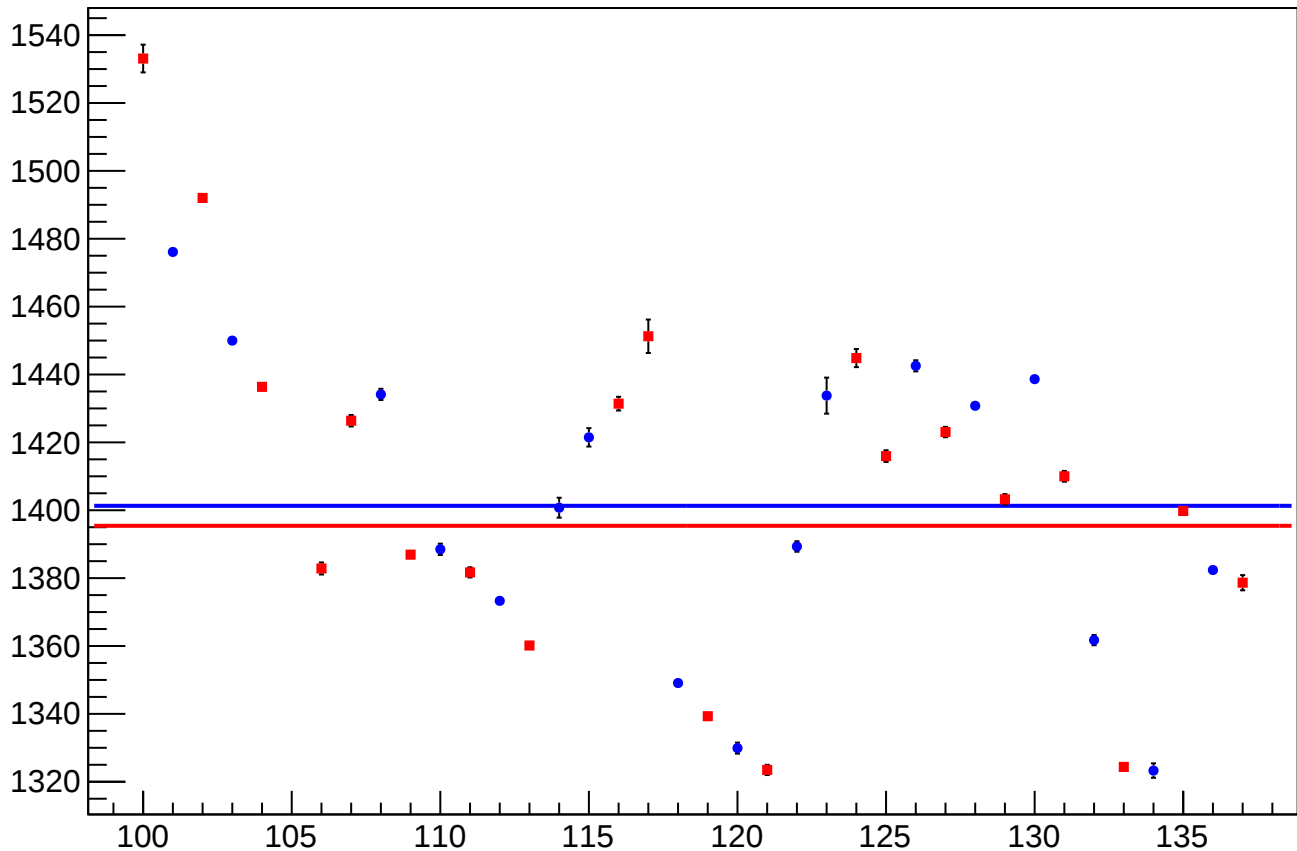
Right Out: 3.419+/-0.520 χ^2/NDF : 2008.2/19

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

-45.081+/-0.540 χ^2/NDF : 3238.1/16

3.419+/-0.520 χ^2/NDF : 2008.2/19

diff_bpm0i02X_rms vs Slug



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

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

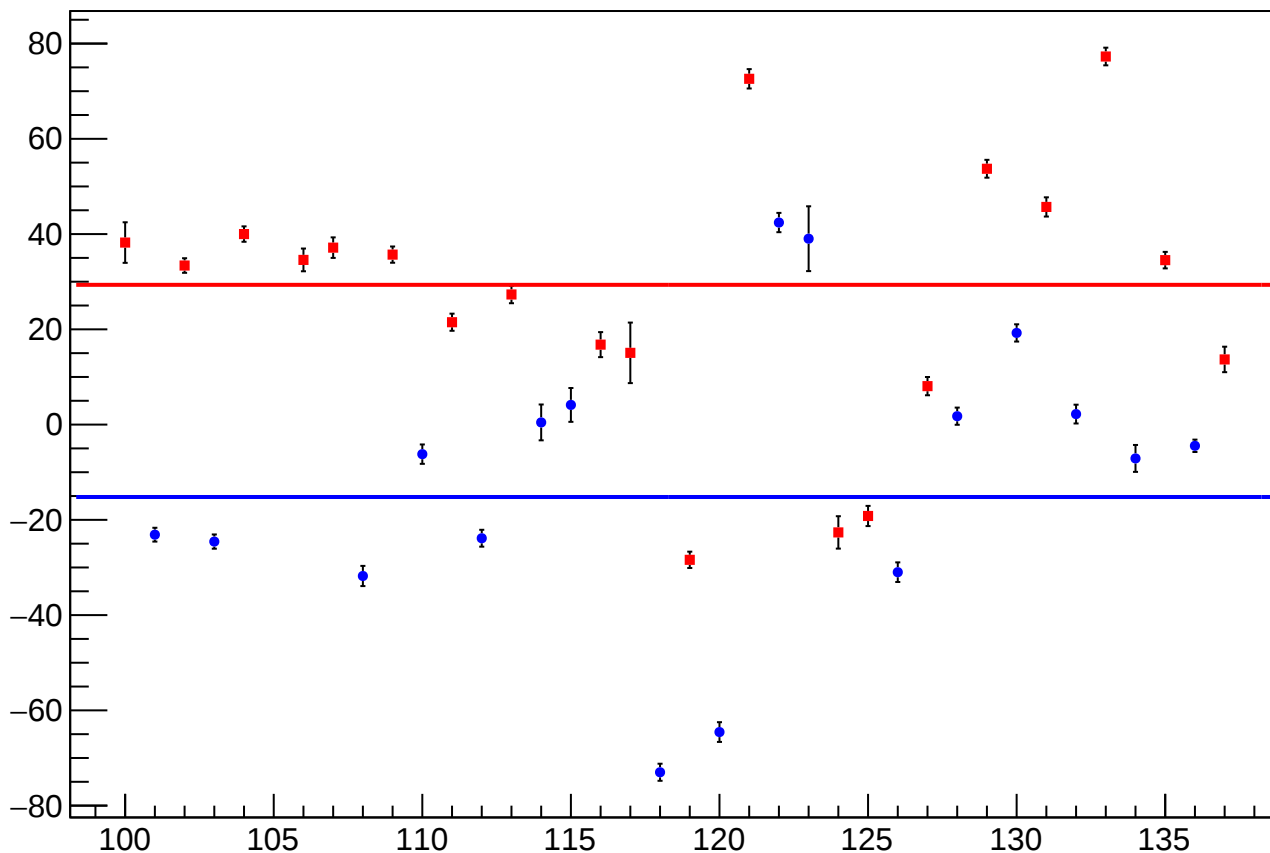
Right Out: 1395.419+/-0.368 χ^2/NDF : 15649.3/19

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

1401.307+/-0.382 χ^2/NDF : 12852.1/16

1395.419+/-0.368 χ^2/NDF : 15649.3/19

diff_bpm0i02Y_mean vs Slug



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

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

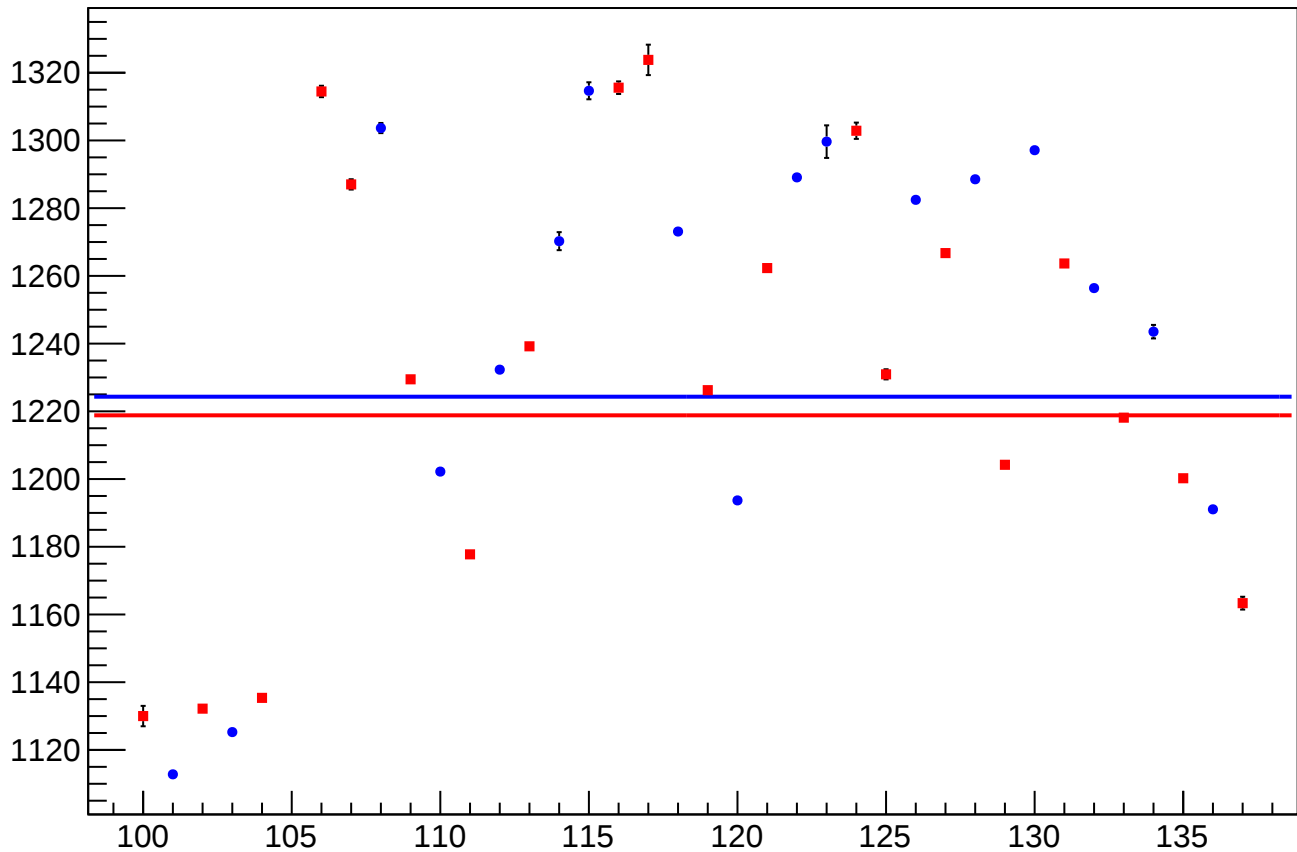
Right Out: 29.344 $\pm$ 0.455 χ^2 /NDF: 3549.9/19

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

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

29.344 $\pm$ 0.455 χ^2 /NDF: 3549.9/19

diff_bpm0i02Y_rms vs Slug



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

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

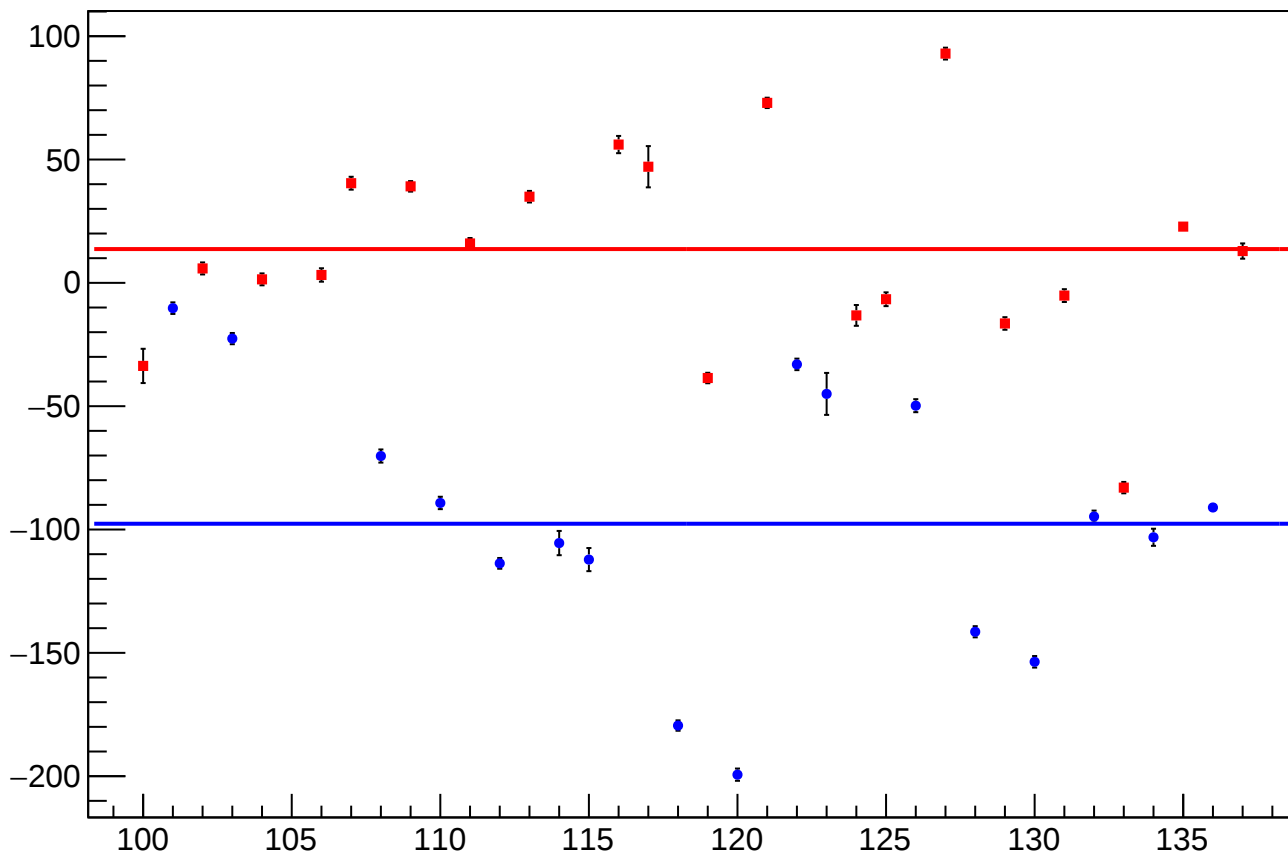
Right Out: 1218.817+/-0.322 χ^2/NDF : 28121.5/19

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

1224.320+/-0.334 χ^2/NDF : 38778.2/16

1218.817+/-0.322 χ^2/NDF : 28121.5/19

diff_bpm0i02aX_mean vs Slug



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

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

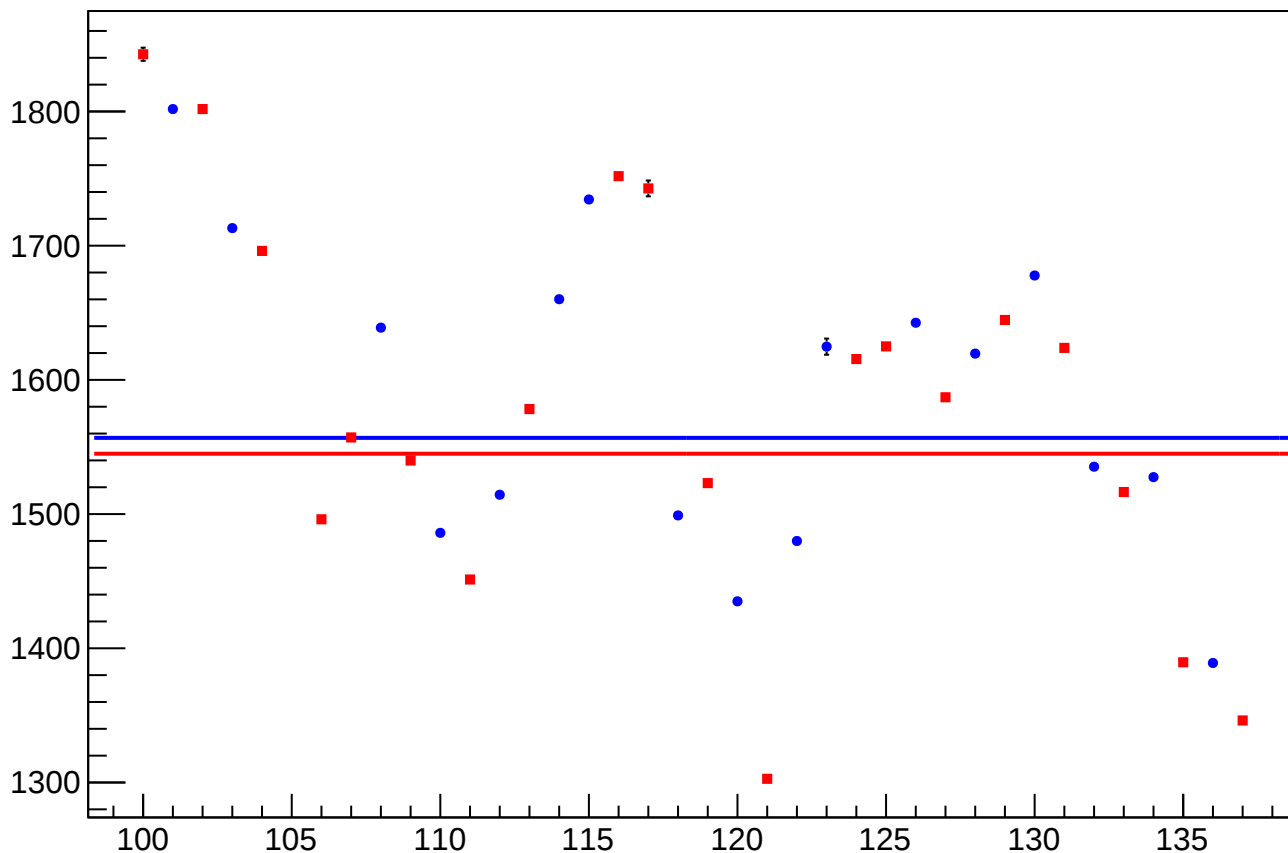
Right Out: 13.698+/-0.578 χ^2/NDF : 5144.2/19

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

-97.657+/-0.601 χ^2/NDF : 7936.6/16

13.698+/-0.578 χ^2/NDF : 5144.2/19

diff_bpm0i02aX_rms vs Slug



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

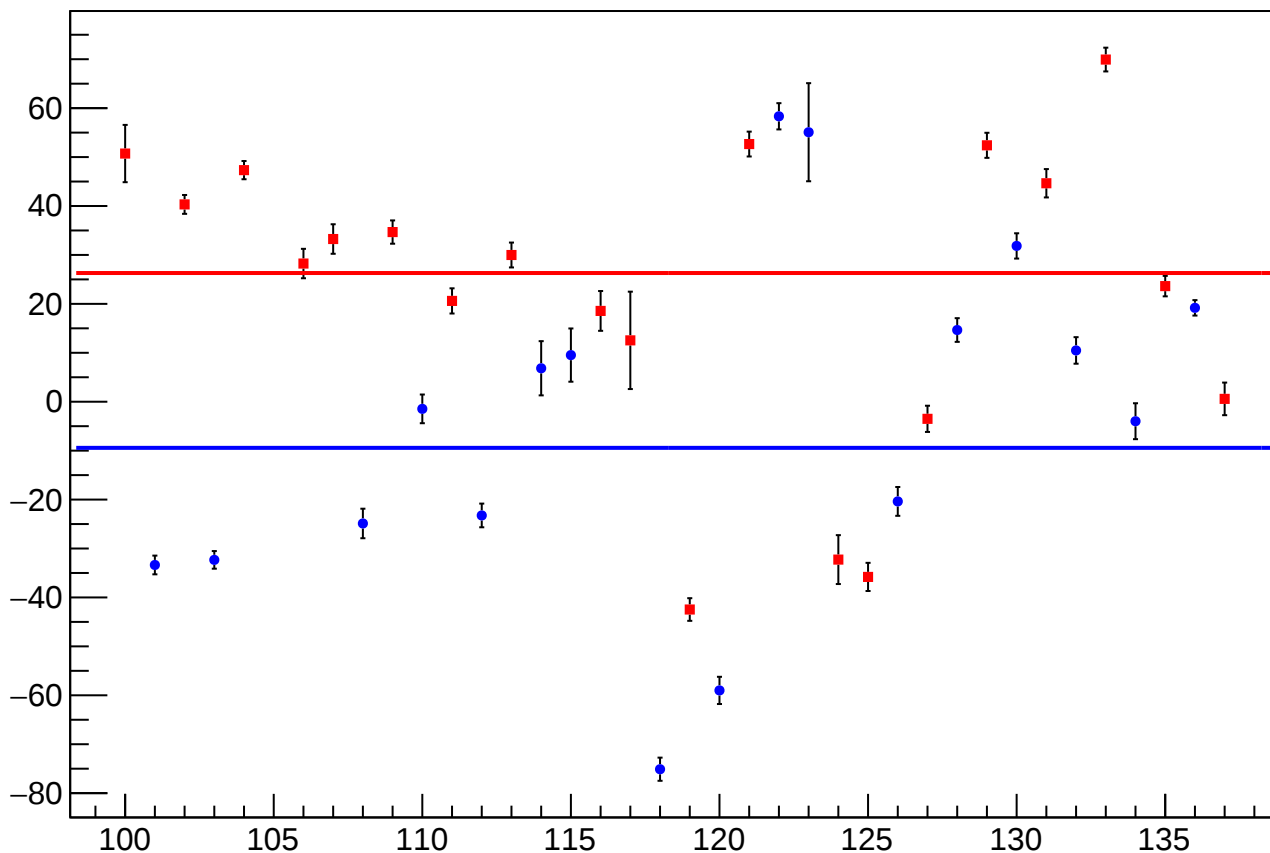
Right Out: 1544.983 $\pm$ 0.409 χ^2 /NDF: 101624.6/19

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

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

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

diff_bpm0i02aY_mean vs Slug



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

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

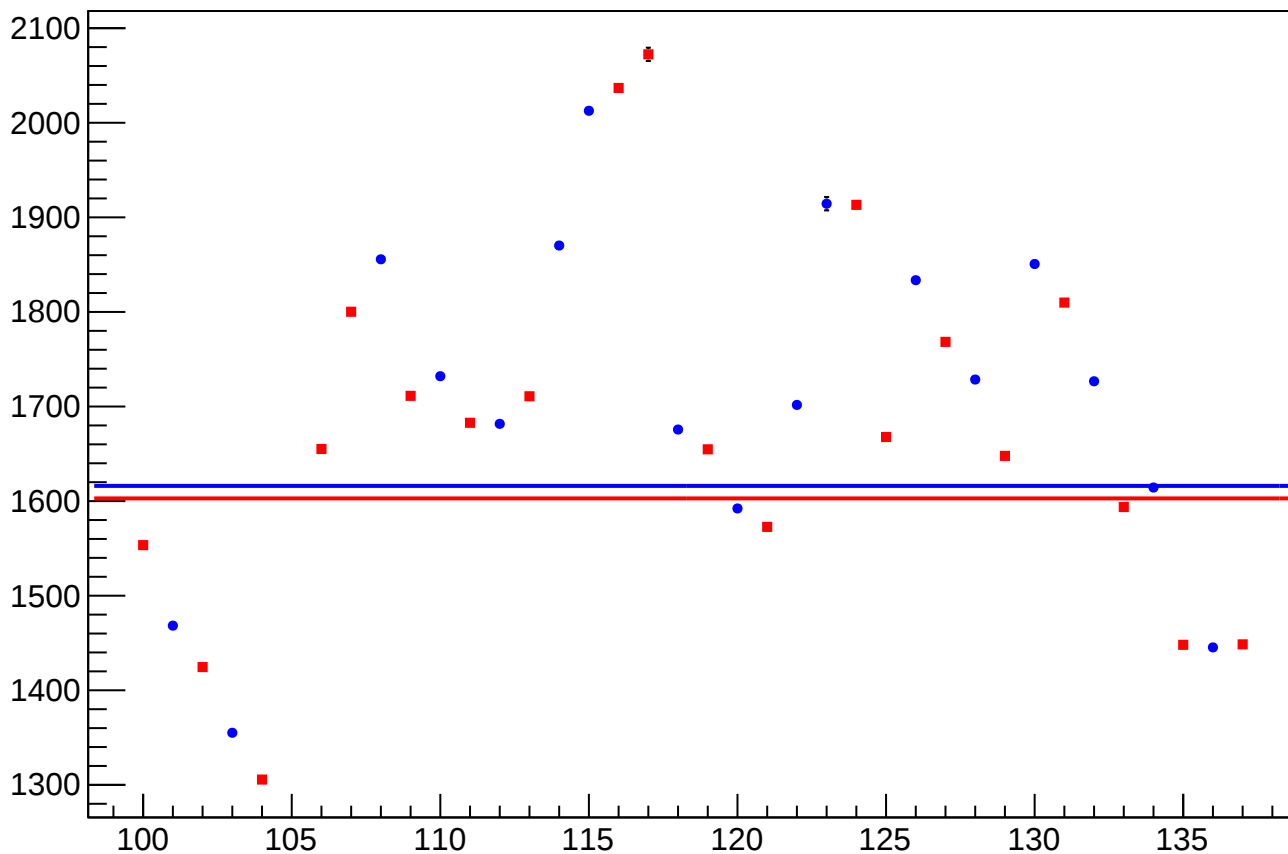
Right Out: 26.304+/-0.602 χ^2/NDF : 2474.0/19

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

-9.427+/-0.626 χ^2/NDF : 2924.1/16

26.304+/-0.602 χ^2/NDF : 2474.0/19

diff_bpm0i02aY_rms vs Slug



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

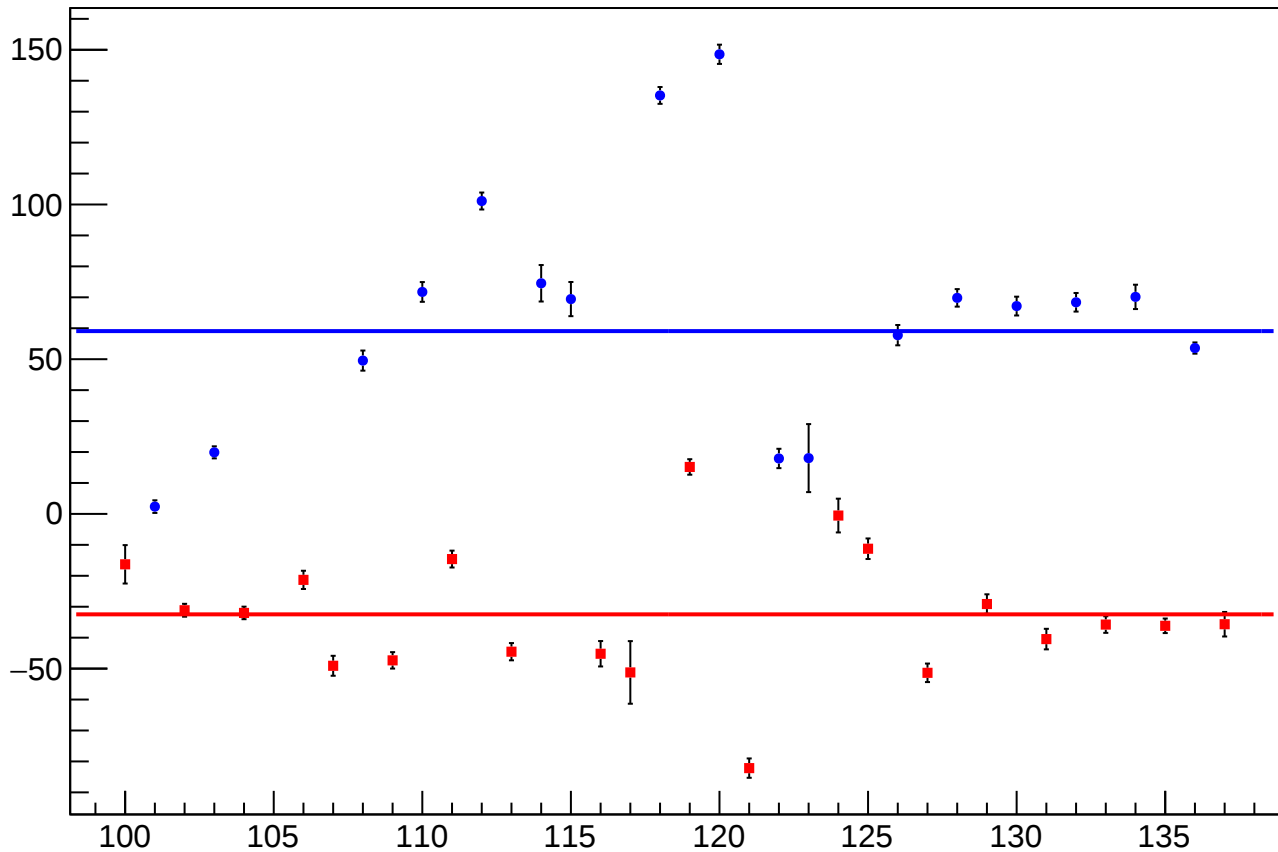
Right Out: 1602.857 $\pm$ 0.425 χ^2 /NDF: 158119.5/19

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

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

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

diff_bpm0i05X_mean vs Slug



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

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

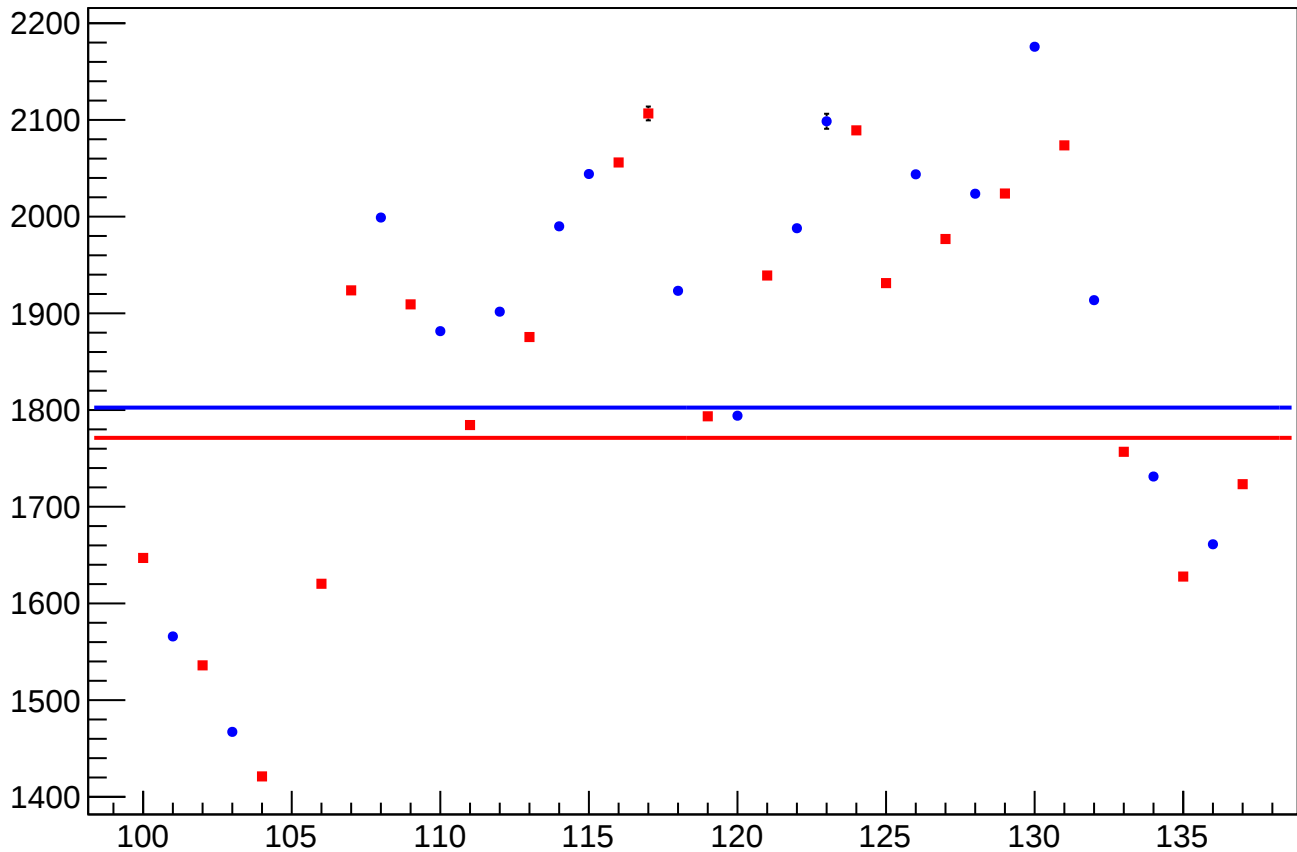
59.081+/-0.699 χ^2 /NDF: 3293.6/16

Right Out: -32.463+/-0.665 χ^2 /NDF: 894.9/19

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

-32.463+/-0.665 χ^2 /NDF: 894.9/19

diff_bpm0i05X_rms vs Slug



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

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

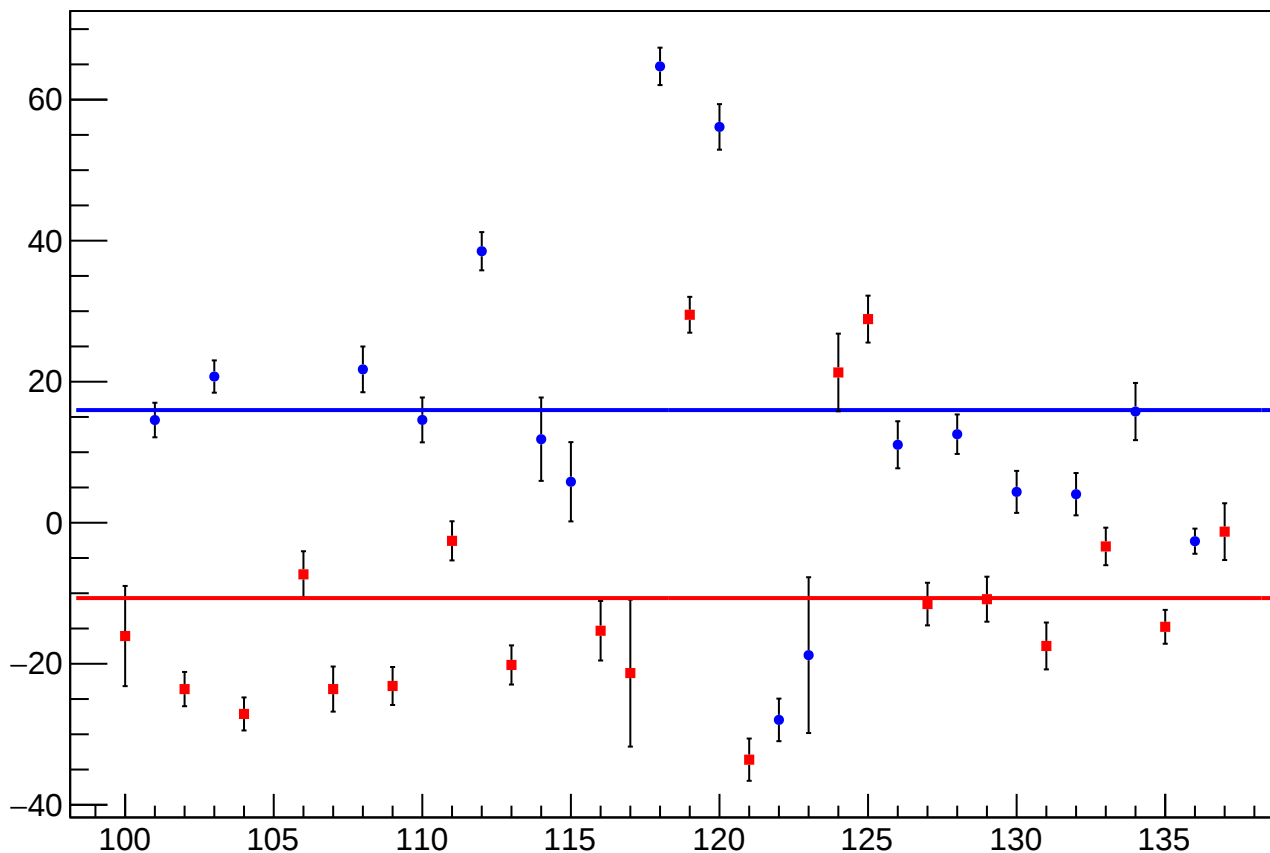
1802.524+/-0.495 χ^2/NDF : 184069.0/16

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

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

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

diff_bpm0i05Y_mean vs Slug



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

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

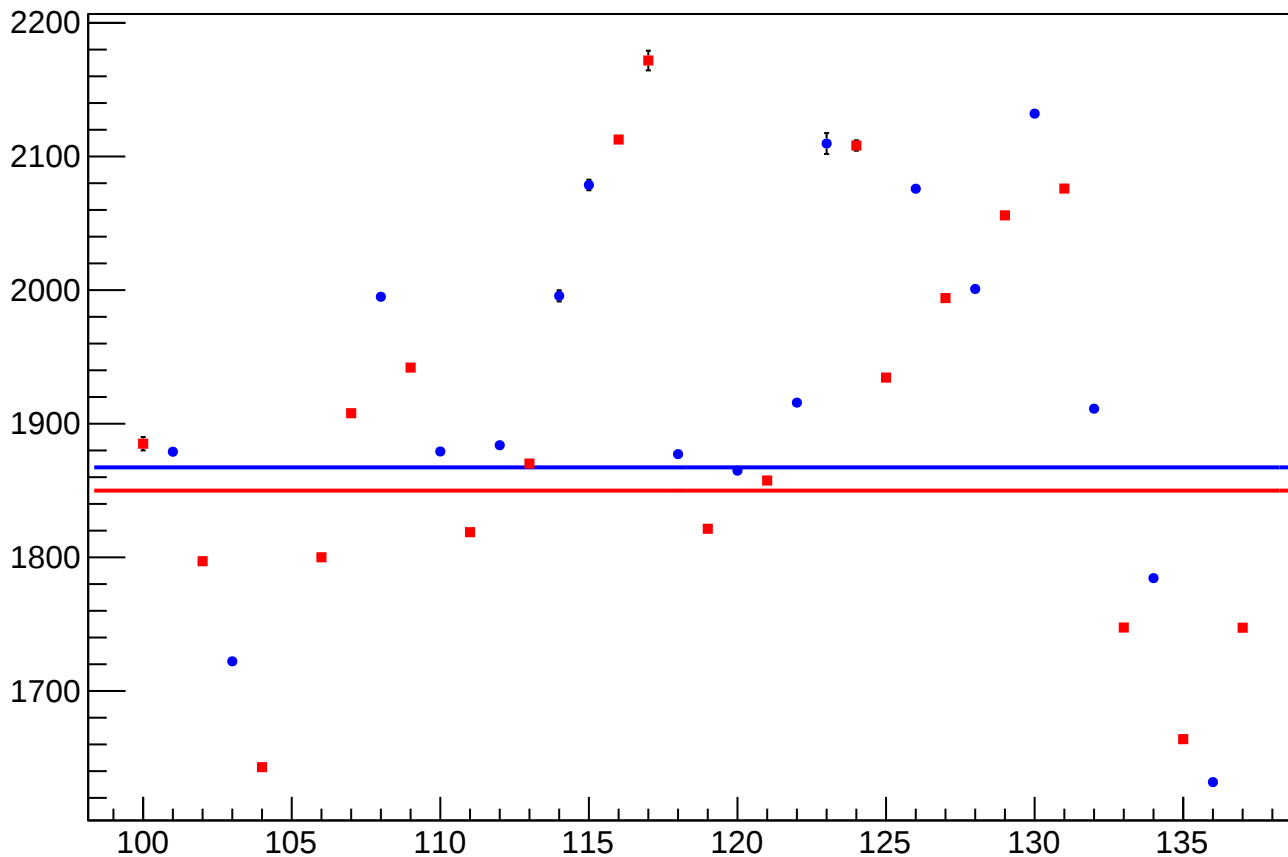
Right Out: -10.685+/-0.692 χ^2 /NDF: 643.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

15.976+/-0.722 χ^2 /NDF: 938.4/16

-10.685+/-0.692 χ^2 /NDF: 643.2/19

diff_bpm0i05Y_rms vs Slug



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

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

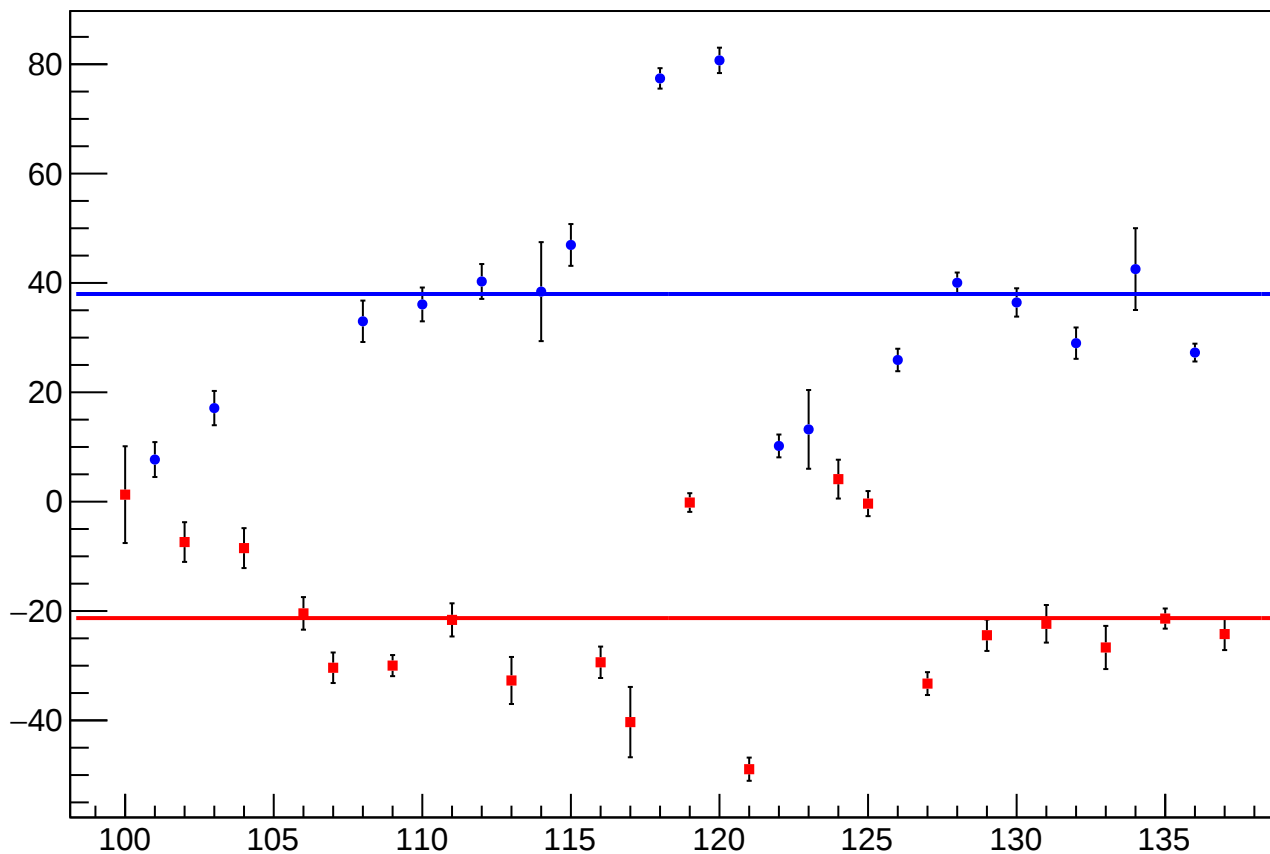
Right Out: 1849.954+/-0.489 χ^2/NDF : 74440.9/19

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

1867.343+/-0.510 χ^2/NDF : 80926.4/16

1849.954+/-0.489 χ^2/NDF : 74440.9/19

diff_bpm0i07X_mean vs Slug



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

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

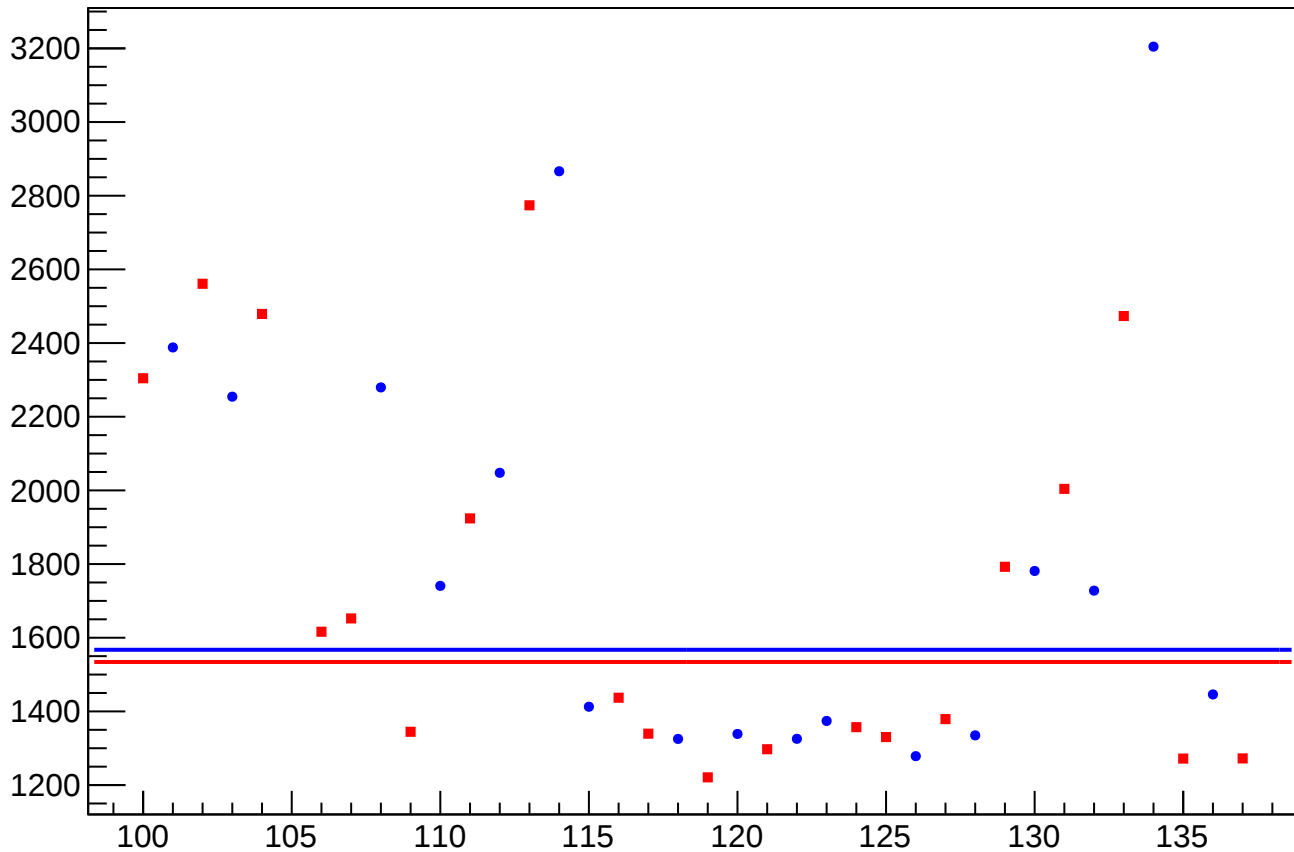
Right Out: -21.294+/-0.606 χ^2 /NDF: 582.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

37.979+/-0.637 χ^2 /NDF: 1204.3/16

-21.294+/-0.606 χ^2 /NDF: 582.5/19

diff_bpm0i07X_rms vs Slug



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

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

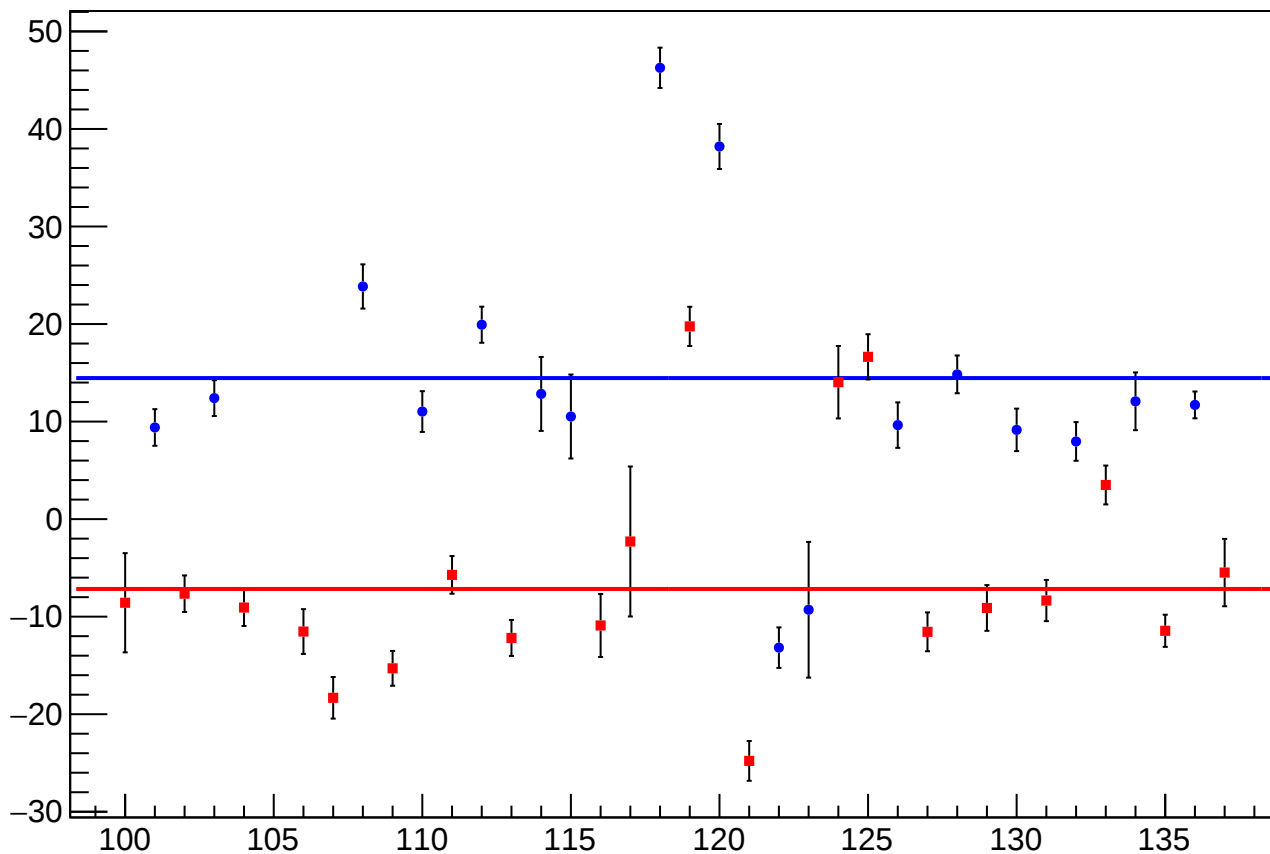
1567.328+/-0.451 χ^2 /NDF: 673450.6/16

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

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

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

diff_bpm0i07Y_mean vs Slug



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

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

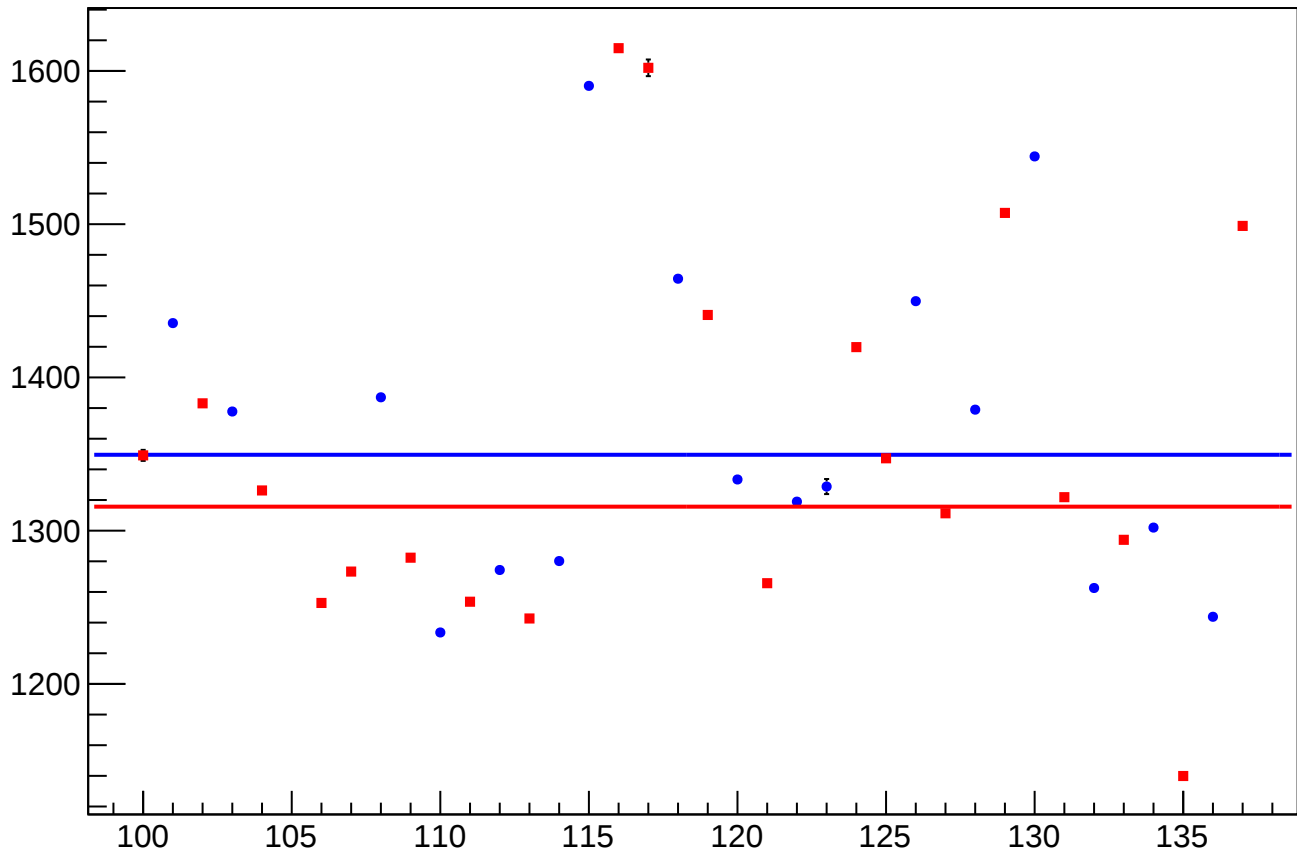
Right Out: -7.161+/-0.493 χ^2/NDF : 496.1/19

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

14.461+/-0.523 χ^2/NDF : 595.9/16

-7.161+/-0.493 χ^2/NDF : 496.1/19

diff_bpm0i07Y_rms vs Slug



Right In: 1349.522 $\pm$ 0.370 χ^2 /NDF: 64667.6/16

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

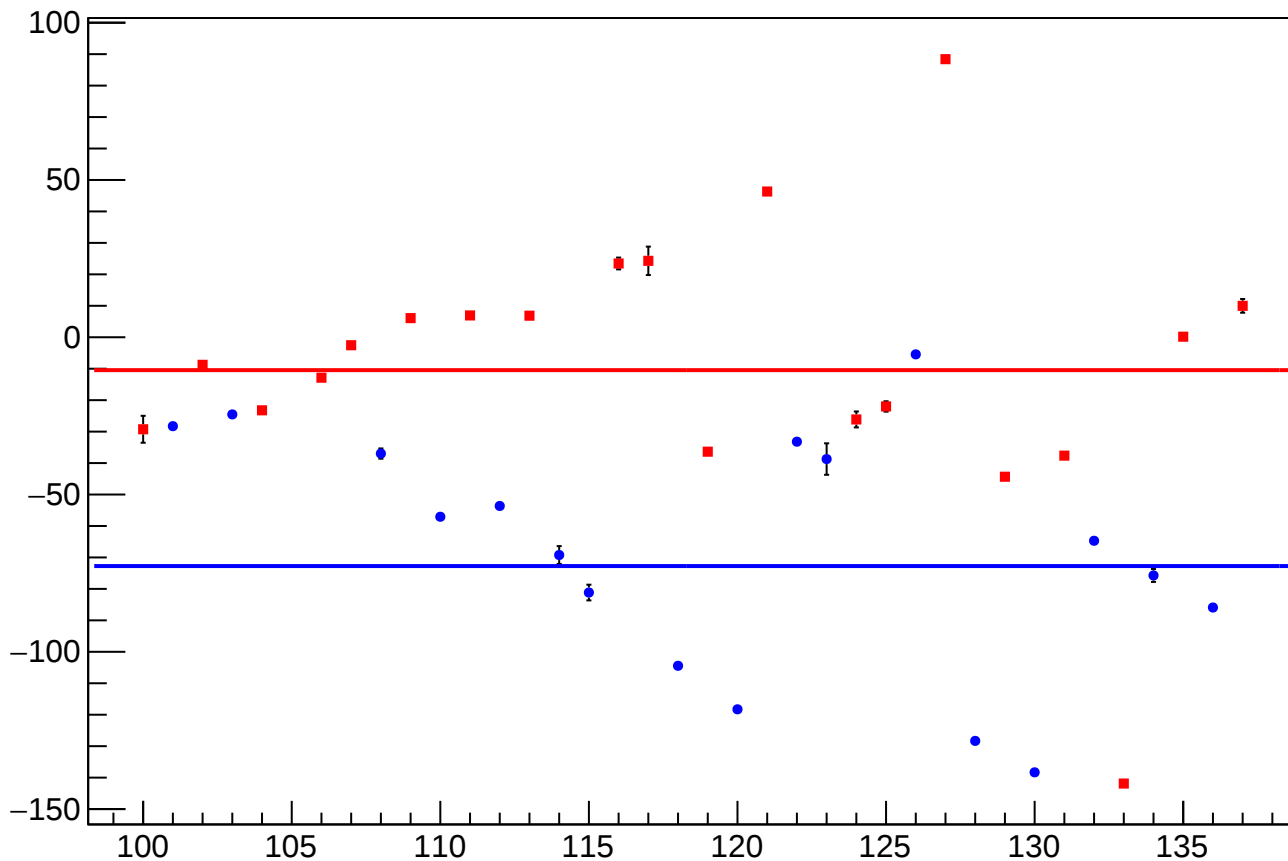
Right Out: 1315.669 $\pm$ 0.349 χ^2 /NDF: 83739.0/19

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

1349.522 $\pm$ 0.370 χ^2 /NDF: 64667.6/16

1315.669 $\pm$ 0.349 χ^2 /NDF: 83739.0/19

diff_bpm1i02X_mean vs Slug



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

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

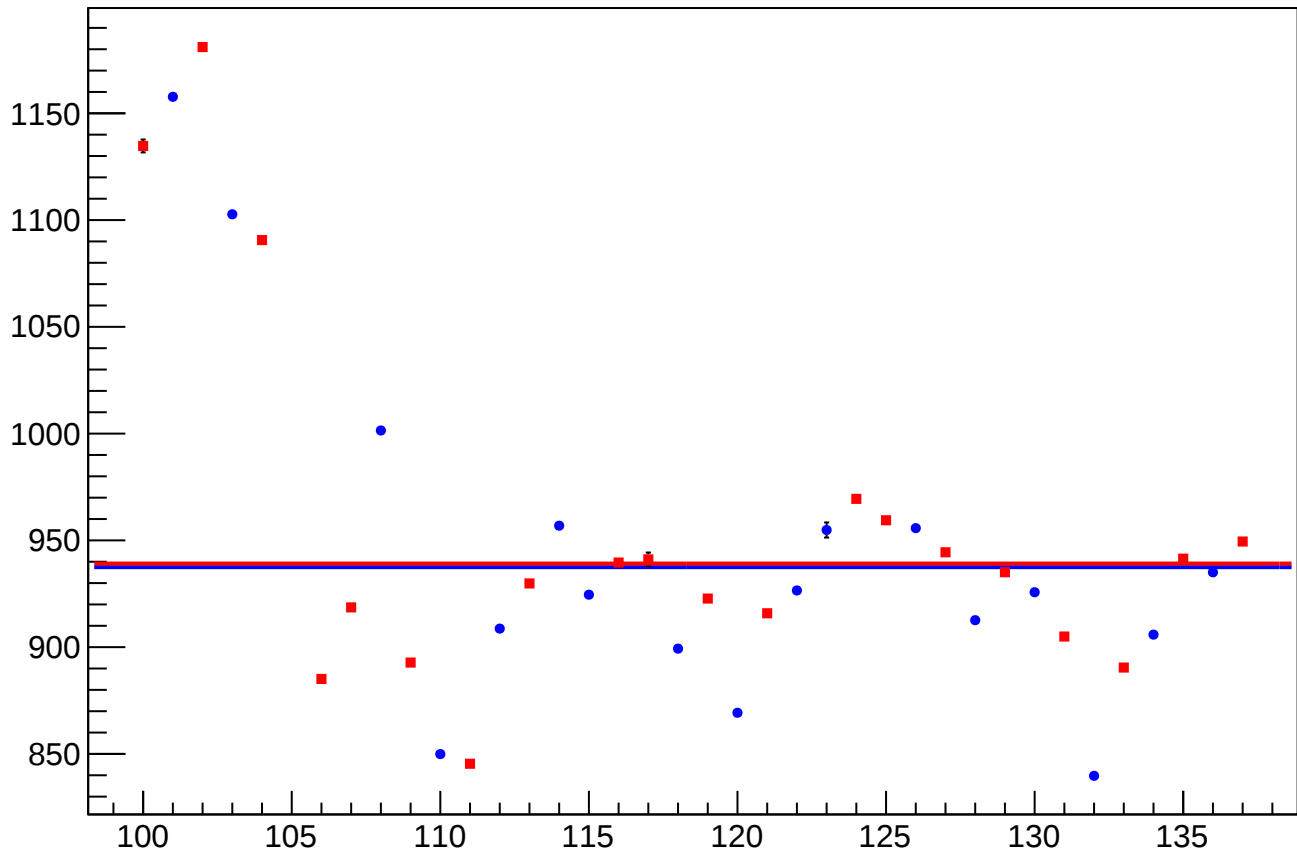
Right Out: -10.459+/-0.351 χ^2/NDF : 18230.6/19

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

-72.741+/-0.362 χ^2/NDF : 11690.4/16

-10.459+/-0.351 χ^2/NDF : 18230.6/19

diff_bpm1i02X_rms vs Slug



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

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

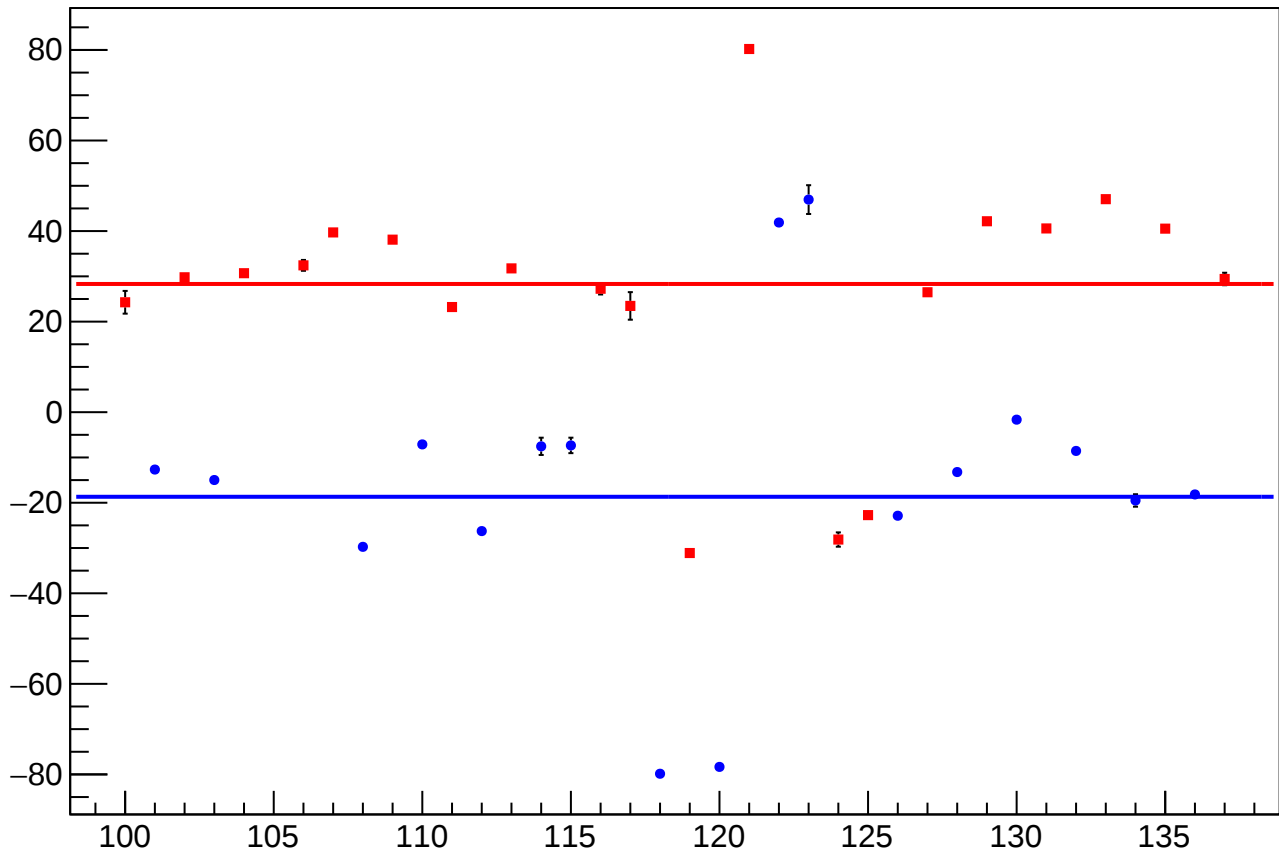
Right Out: 939.152+/-0.248 χ^2/NDF : 90253.6/19

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

937.454+/-0.256 χ^2/NDF : 98307.6/16

939.152+/-0.248 χ^2/NDF : 90253.6/19

diff_bpm1i02Y_mean vs Slug



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

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

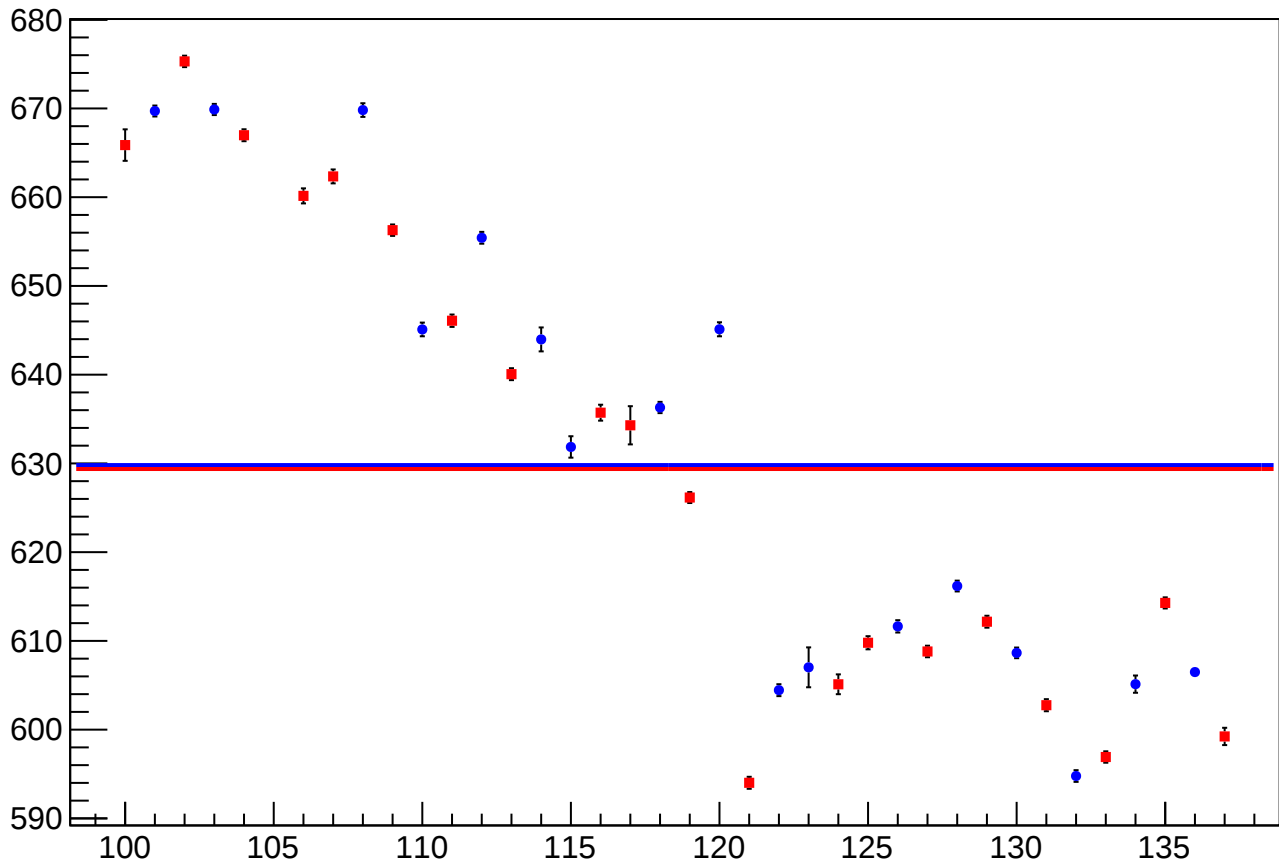
Right Out: 28.318 ± 0.235 χ^2/NDF : 12510.6/19

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

-18.683 ± 0.243 χ^2/NDF : 13006.2/16

28.318 ± 0.235 χ^2/NDF : 12510.6/19

diff_bpm1i02Y_rms vs Slug



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

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

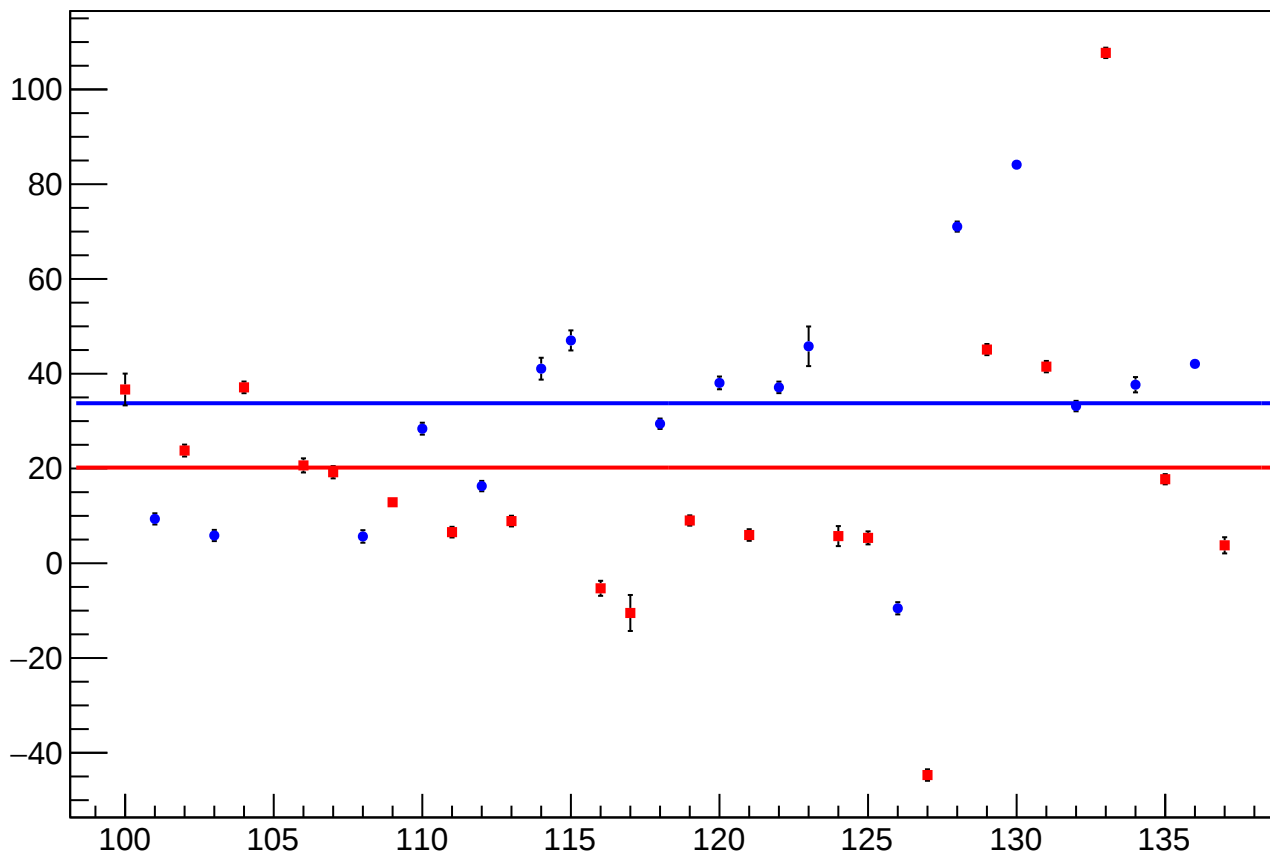
Right Out: 629.370+/-0.166 χ^2/NDF : 25543.7/19

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

629.815+/-0.172 χ^2/NDF : 23298.3/16

629.370+/-0.166 χ^2/NDF : 25543.7/19

diff_bpm1i04X_mean vs Slug



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

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

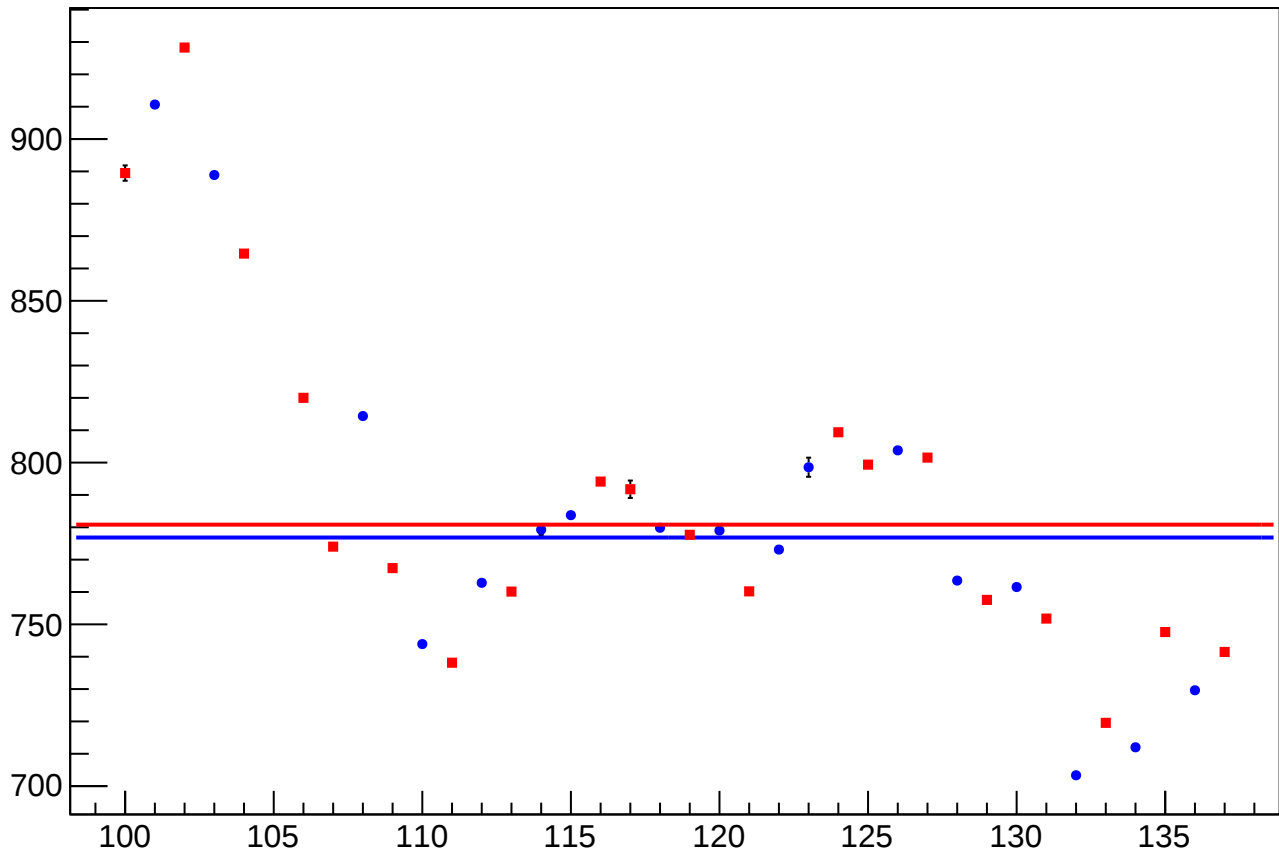
Right Out: 20.193+/-0.292 χ^2/NDF : 11353.3/19

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

33.773+/-0.300 χ^2/NDF : 6487.9/16

20.193+/-0.292 χ^2/NDF : 11353.3/19

diff_bpm1i04X_rms vs Slug



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

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

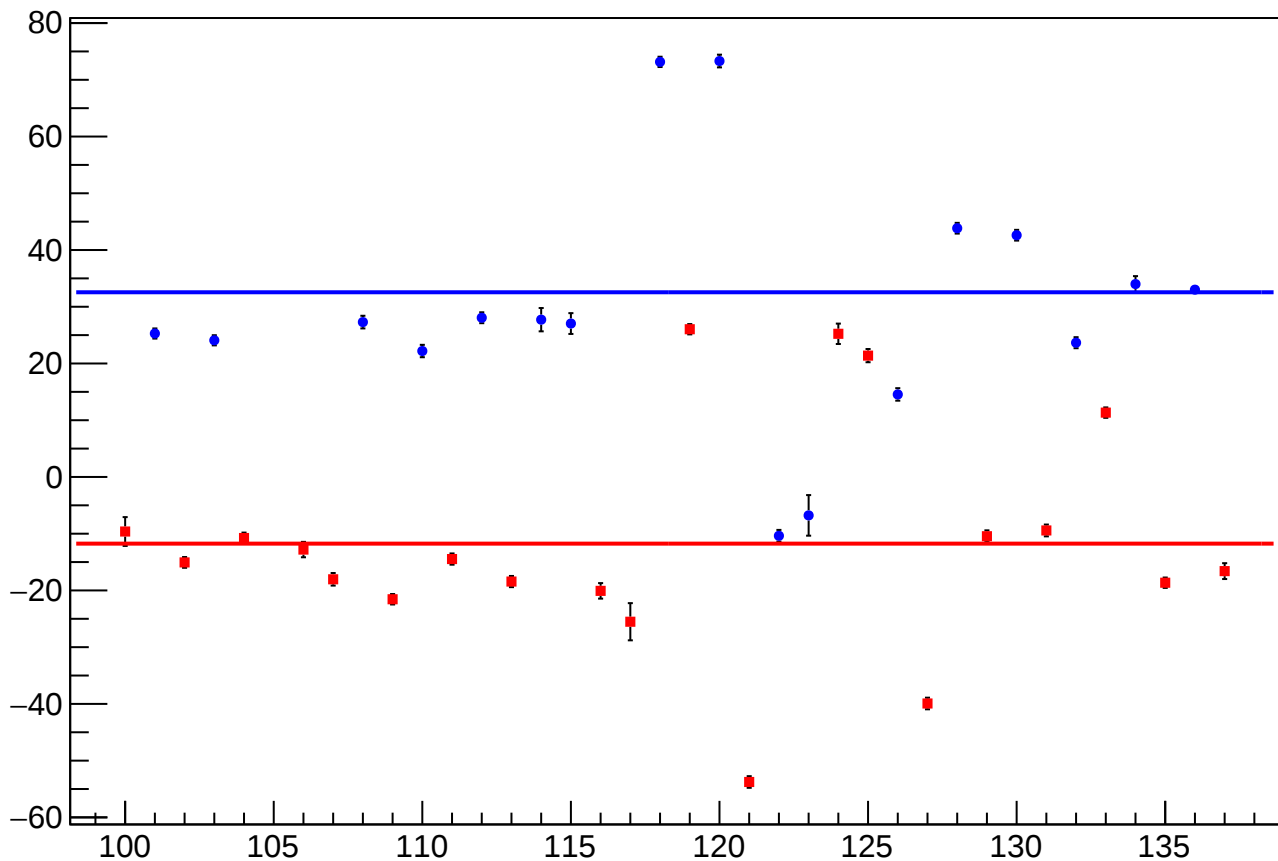
Right Out: 780.820 $\pm$ 0.206 χ^2 /NDF: 57445.6/19

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

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

780.820 $\pm$ 0.206 χ^2 /NDF: 57445.6/19

diff_bpm1i04Y_mean vs Slug



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

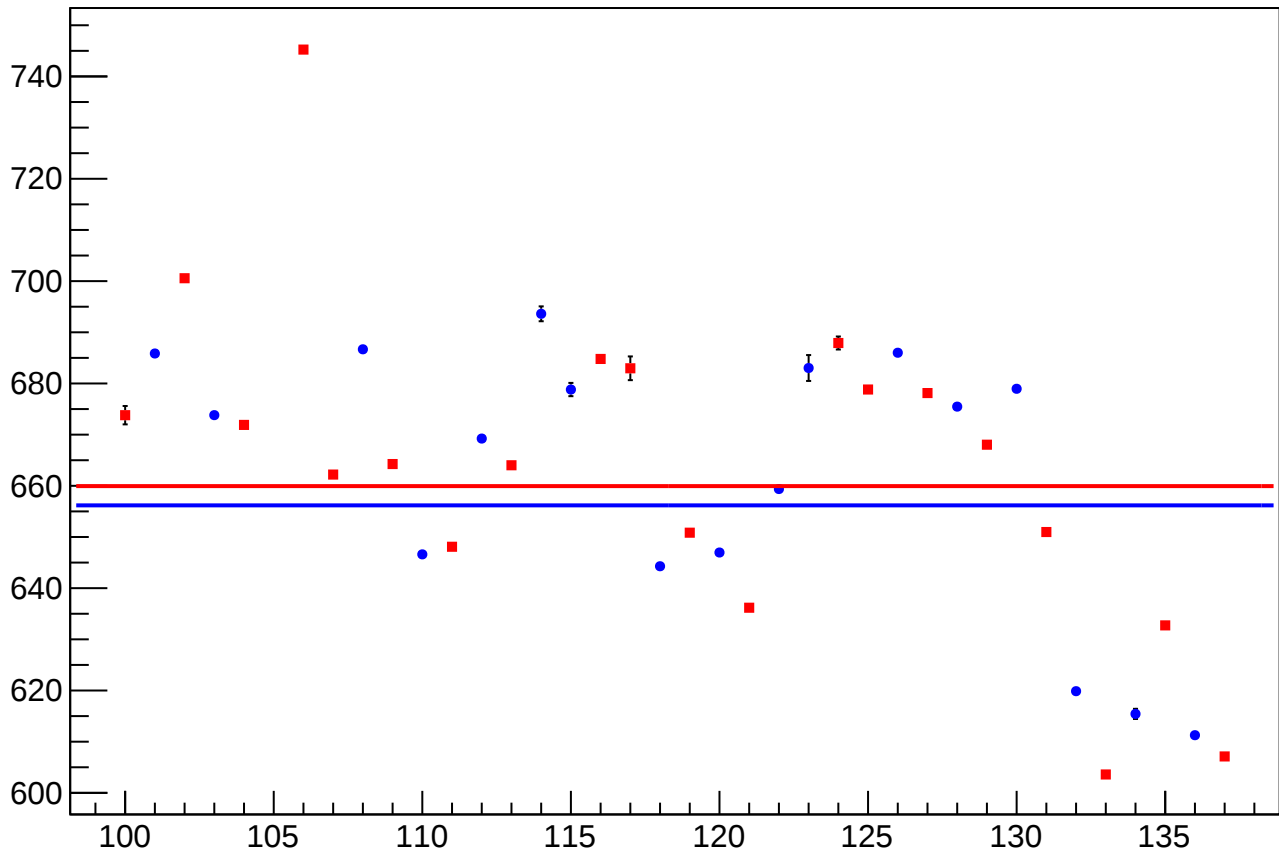
Right Out: -11.752 $\pm$ 0.246 χ^2 /NDF: 6375.4/19

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

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

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

diff_bpm1i04Y_rms vs Slug



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

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

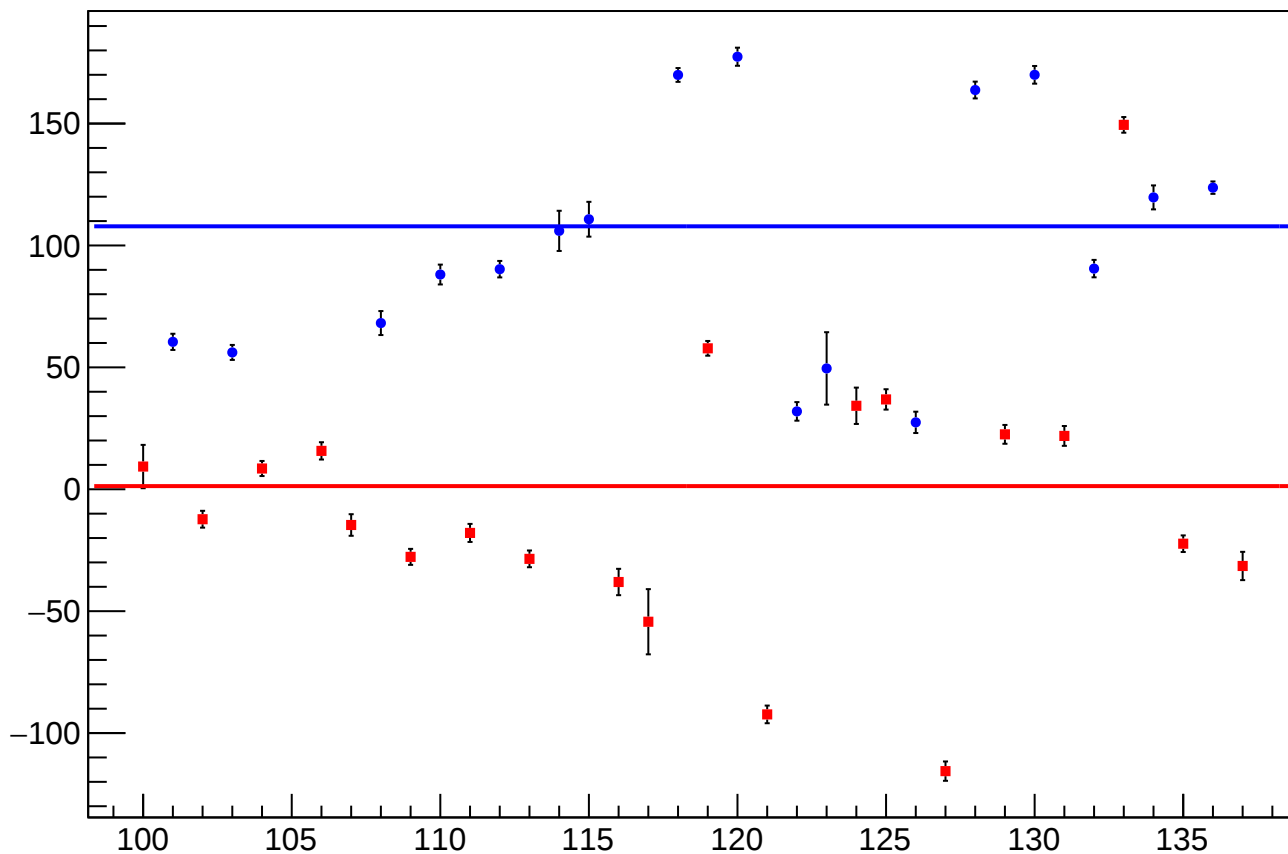
Right Out: 659.944+/-0.174 χ^2/NDF : 28425.0/19

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

656.181+/-0.179 χ^2/NDF : 23569.6/16

659.944+/-0.174 χ^2/NDF : 28425.0/19

diff_bpm1i06X_mean vs Slug



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

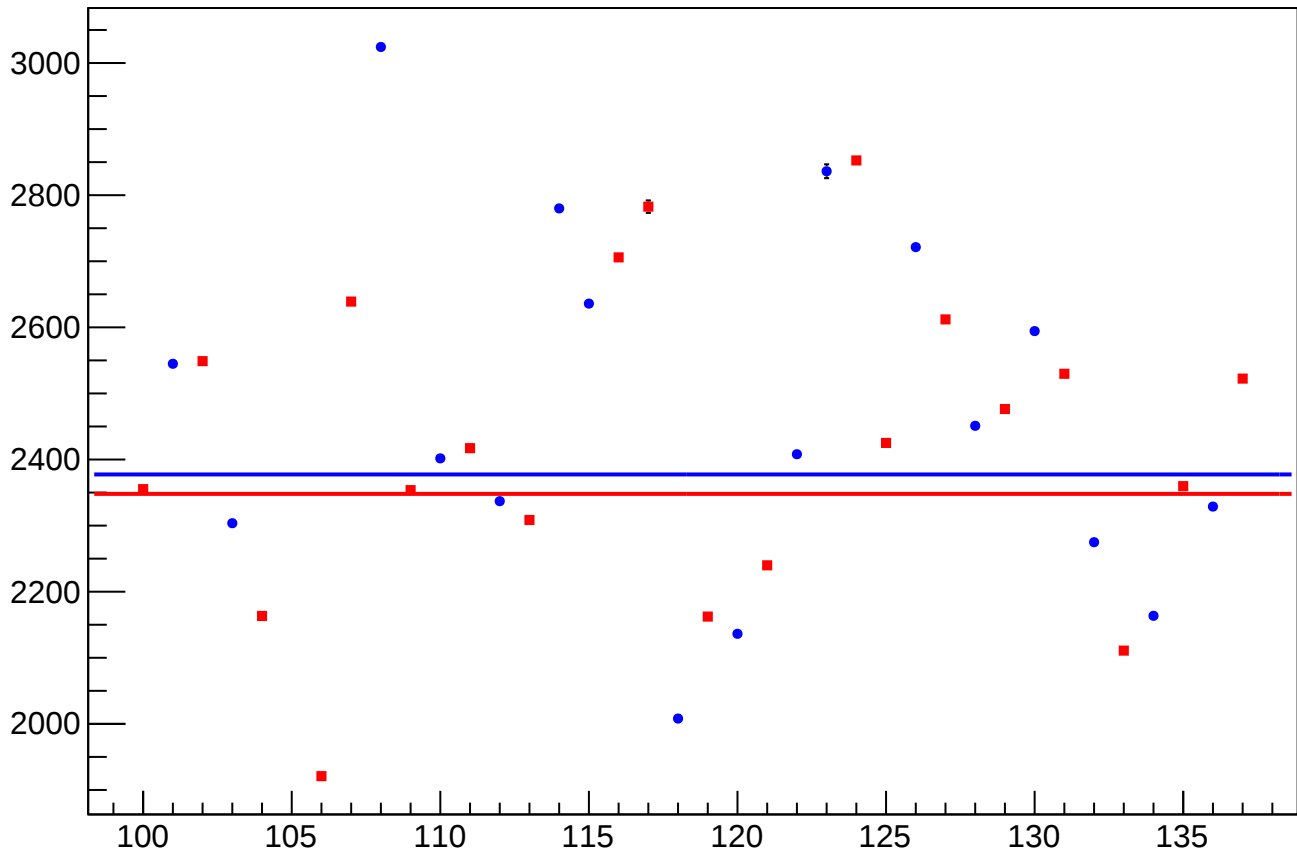
Right Out: 1.299 $\pm$ 0.881 χ^2 /NDF: 4541.1/19

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

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

1.299 $\pm$ 0.881 χ^2 /NDF: 4541.1/19

diff_bpm1i06X_rms vs Slug



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

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

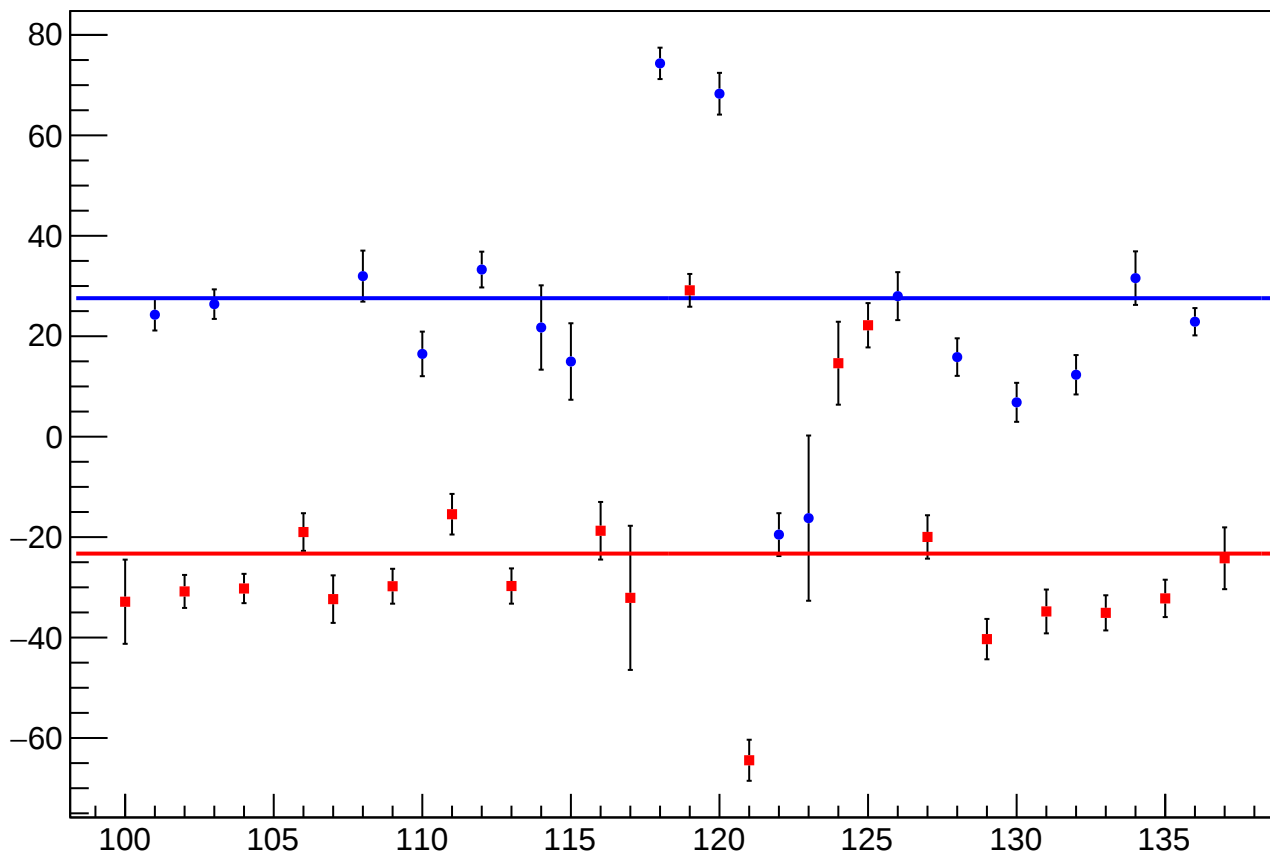
Right Out: 2348.017+/-0.623 χ^2/NDF : 110379.6/19

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

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

2348.017+/-0.623 χ^2/NDF : 110379.6/19

diff_bpm1i06Y_mean vs Slug



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

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

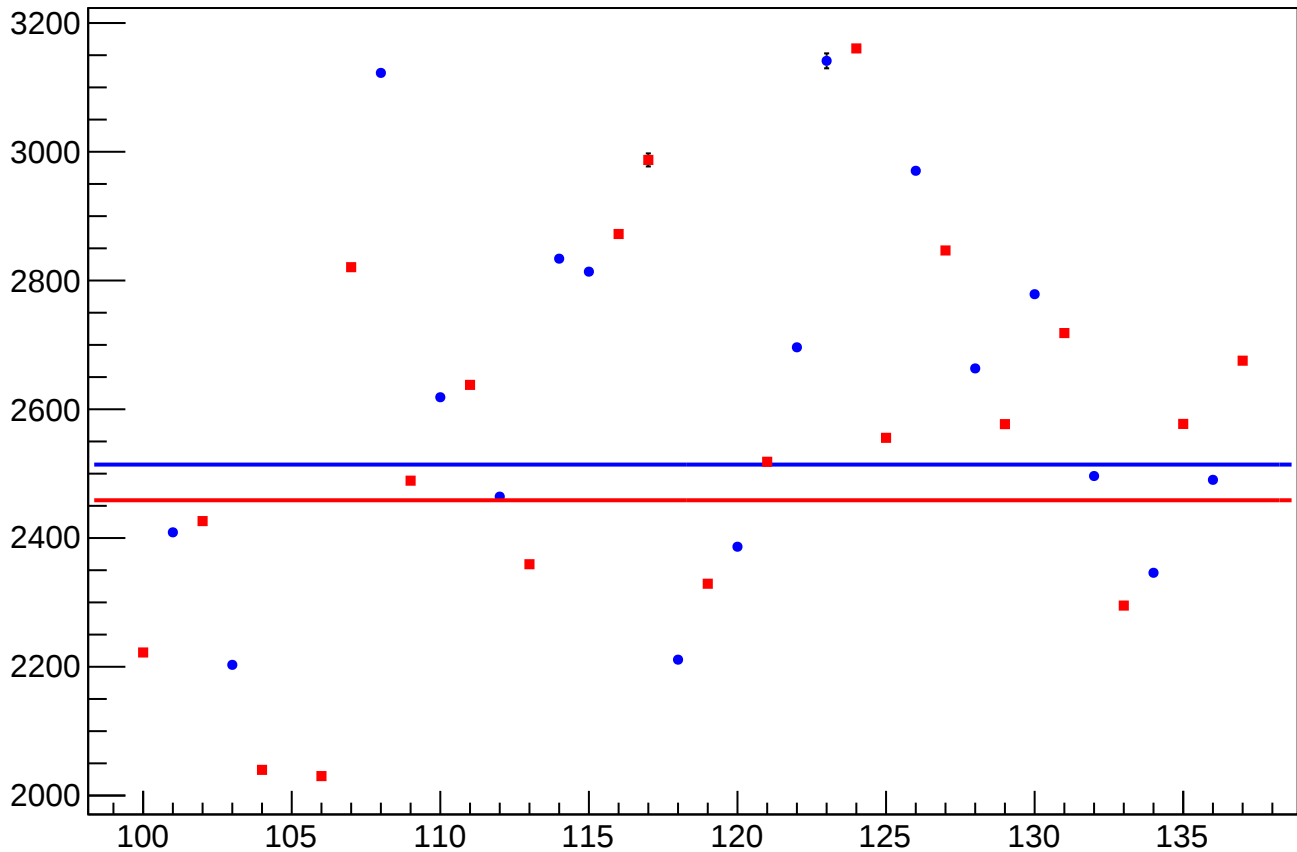
Right Out: -23.280+/-0.925 χ^2/NDF : 558.2/19

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

27.577+/-0.975 χ^2/NDF : 519.6/16

-23.280+/-0.925 χ^2/NDF : 558.2/19

diff_bpm1i06Y_rms vs Slug



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

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

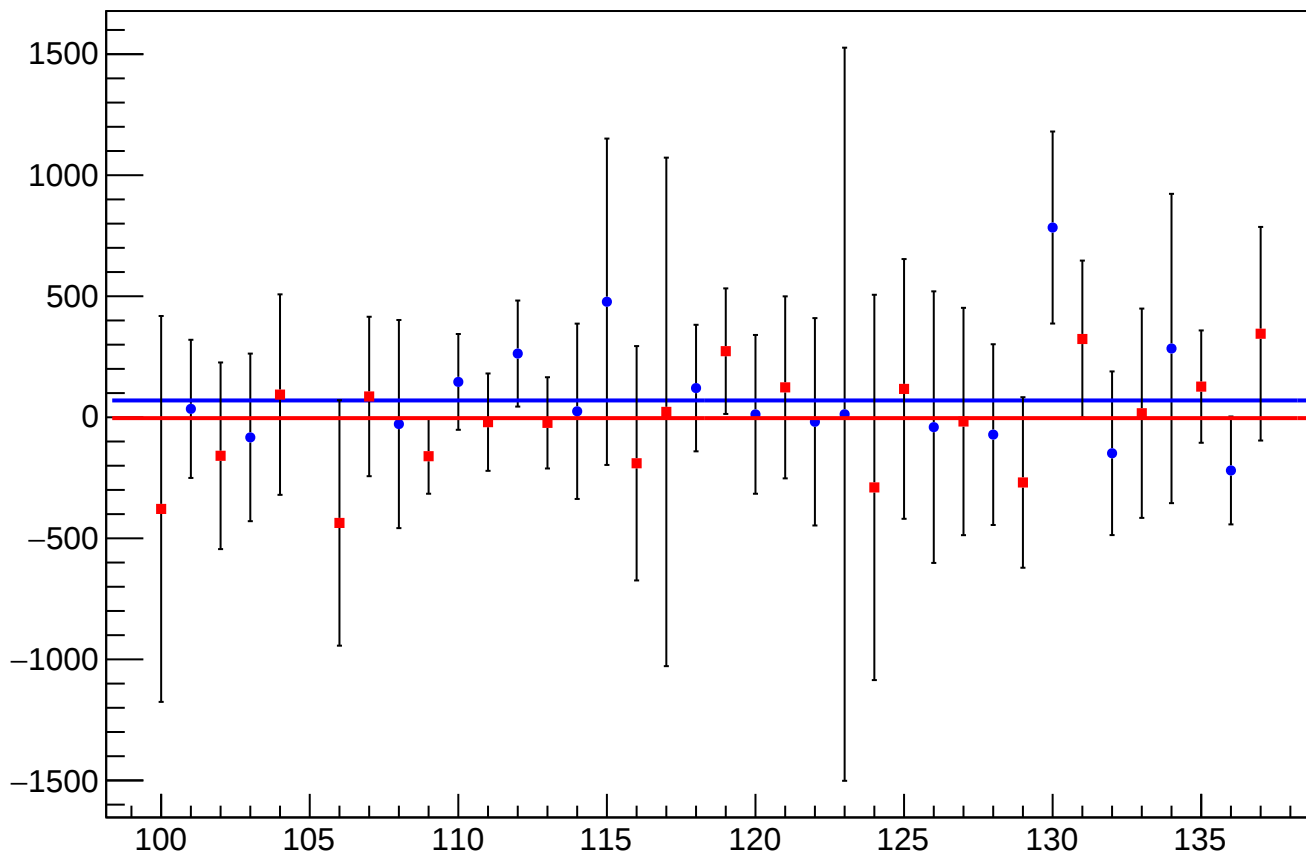
Right Out: 2458.665+/-0.654 χ^2/NDF : 152458.1/19

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

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

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



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

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

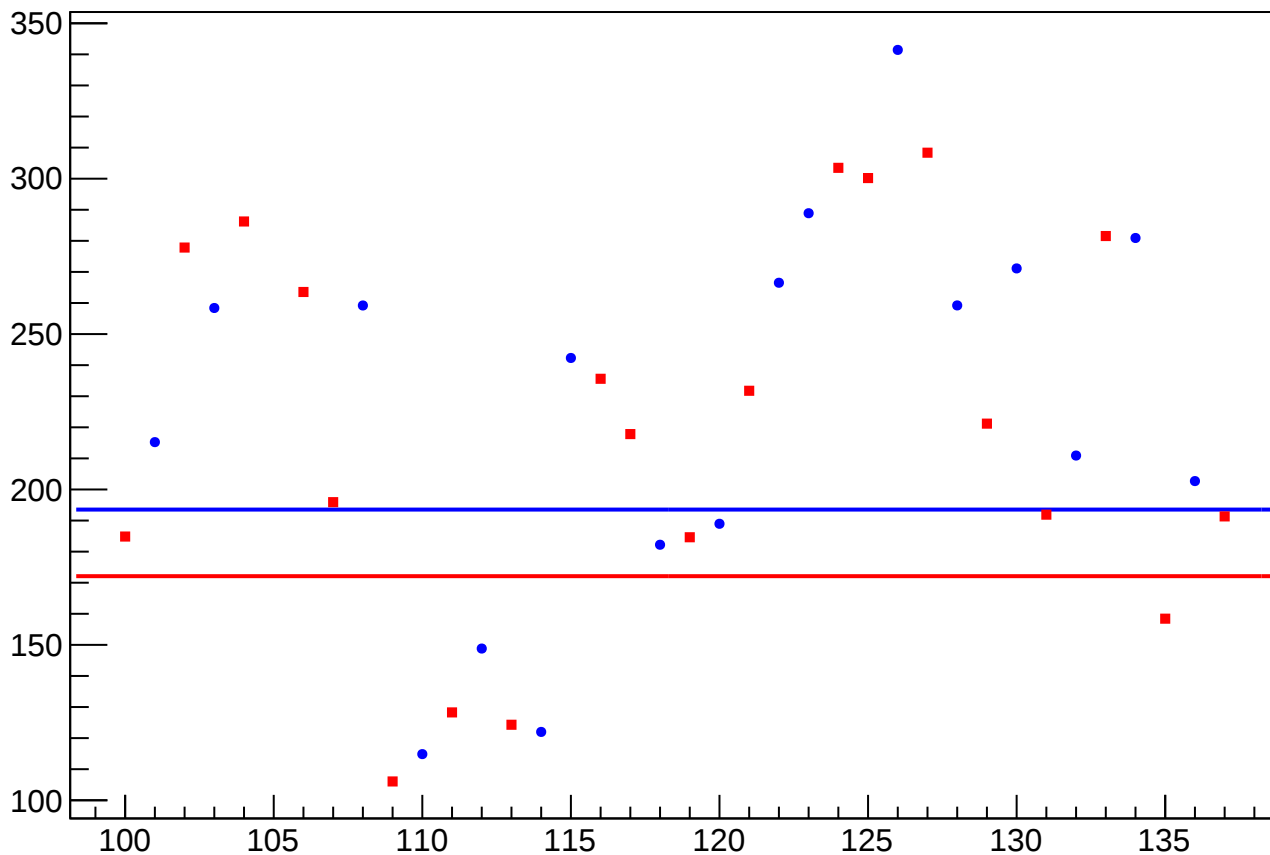
Right Out: -3.448+/-69.825 χ^2/NDF : 6.4/19

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

69.587+/-79.023 χ^2/NDF : 7.3/16

-3.448+/-69.825 χ^2/NDF : 6.4/19

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



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

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

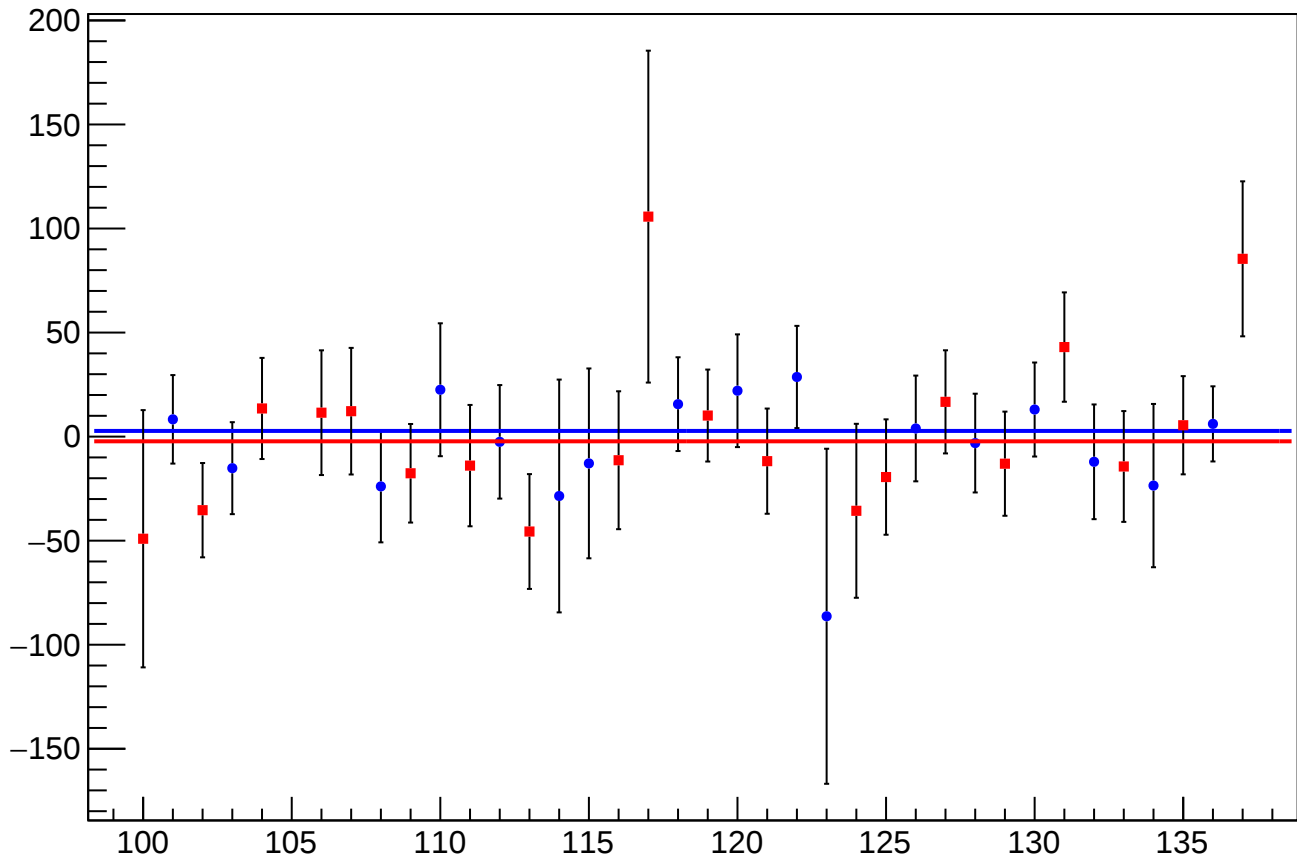
Right Out: 172.104+/-0.049 χ^2/NDF : 1580690.9/19

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

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

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

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



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

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

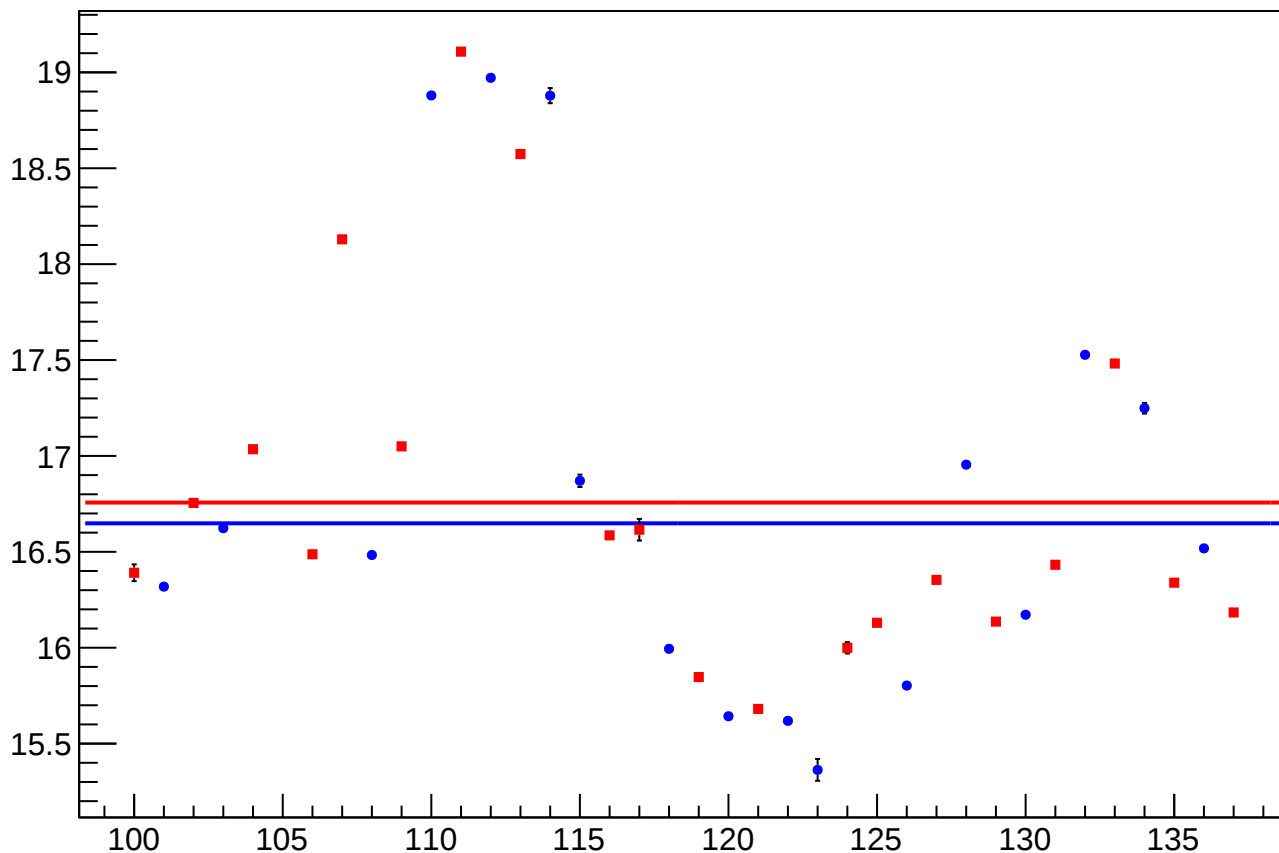
Right Out: -2.259+/-6.259 χ^2/NDF : 19.6/19

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

2.733+/-6.424 χ^2/NDF : 6.8/16

-2.259+/-6.259 χ^2/NDF : 19.6/19

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



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

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

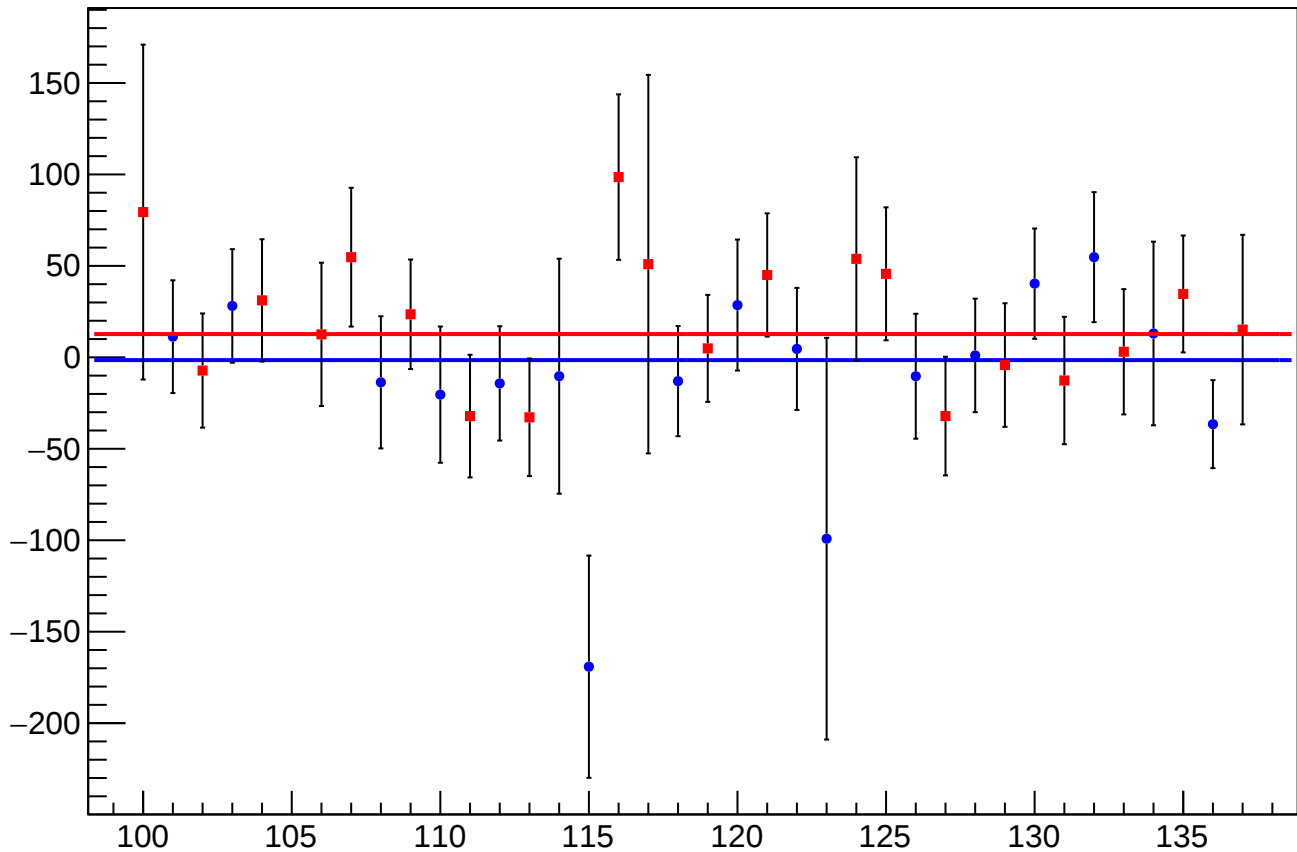
Right Out: 16.757+/-0.004 χ^2/NDF : 39957.1/19

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

16.649+/-0.005 χ^2/NDF : 42566.9/16

16.757+/-0.004 χ^2/NDF : 39957.1/19

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



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

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

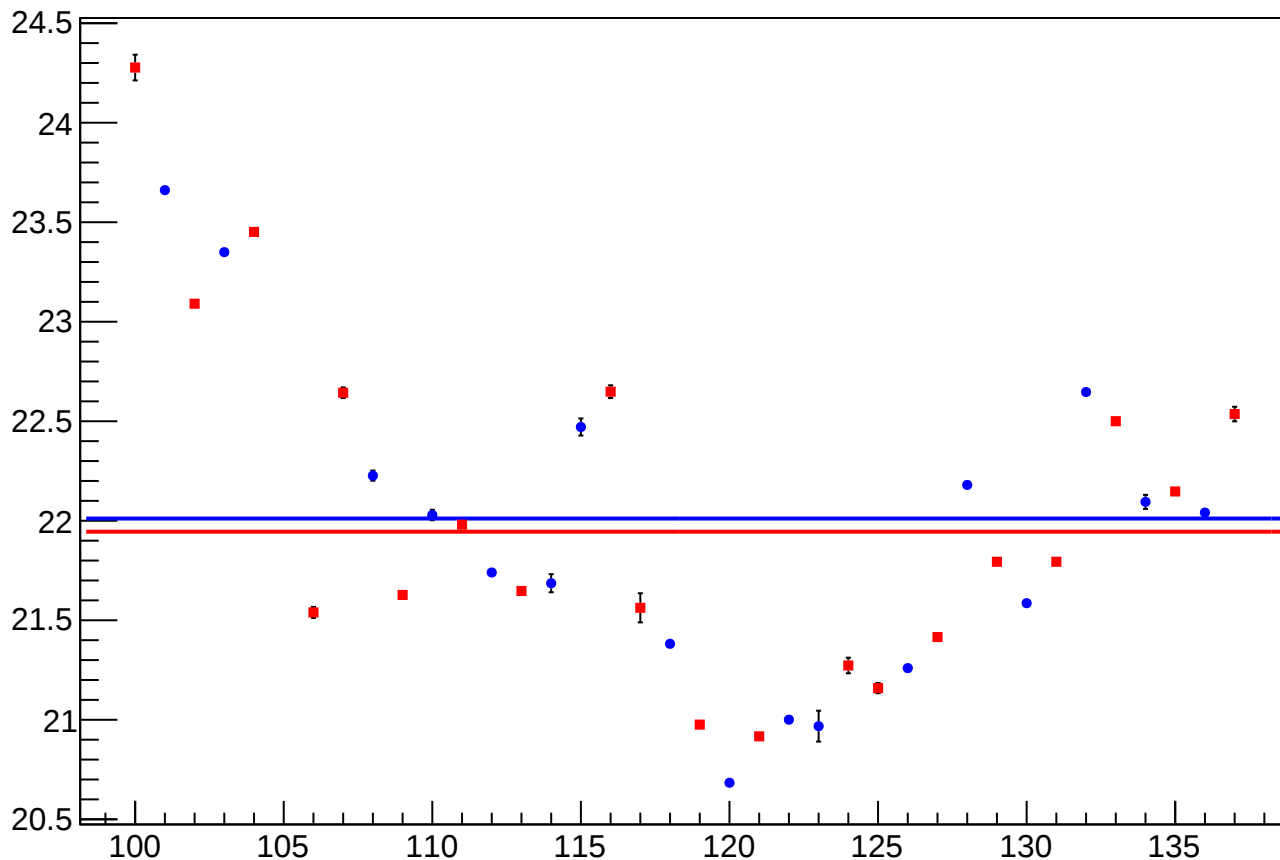
Right Out: 12.716+/-8.185 χ^2/NDF : 15.7/19

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

-1.523+/-8.485 χ^2/NDF : 17.6/16

12.716+/-8.185 χ^2/NDF : 15.7/19

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



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

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

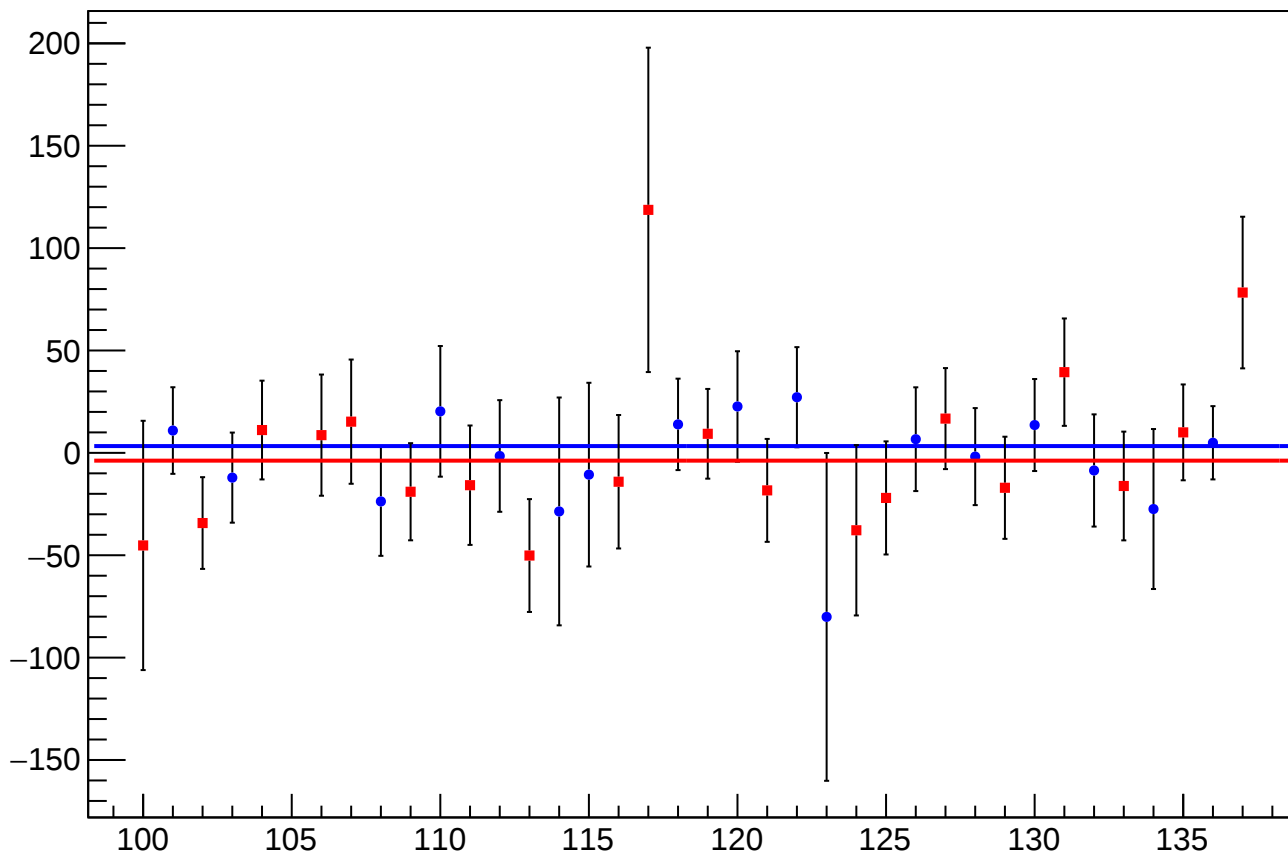
Right Out: 21.945+/-0.006 χ^2/NDF : 16620.2/19

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

22.011+/-0.006 χ^2/NDF : 17546.9/16

21.945+/-0.006 χ^2/NDF : 16620.2/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



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

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

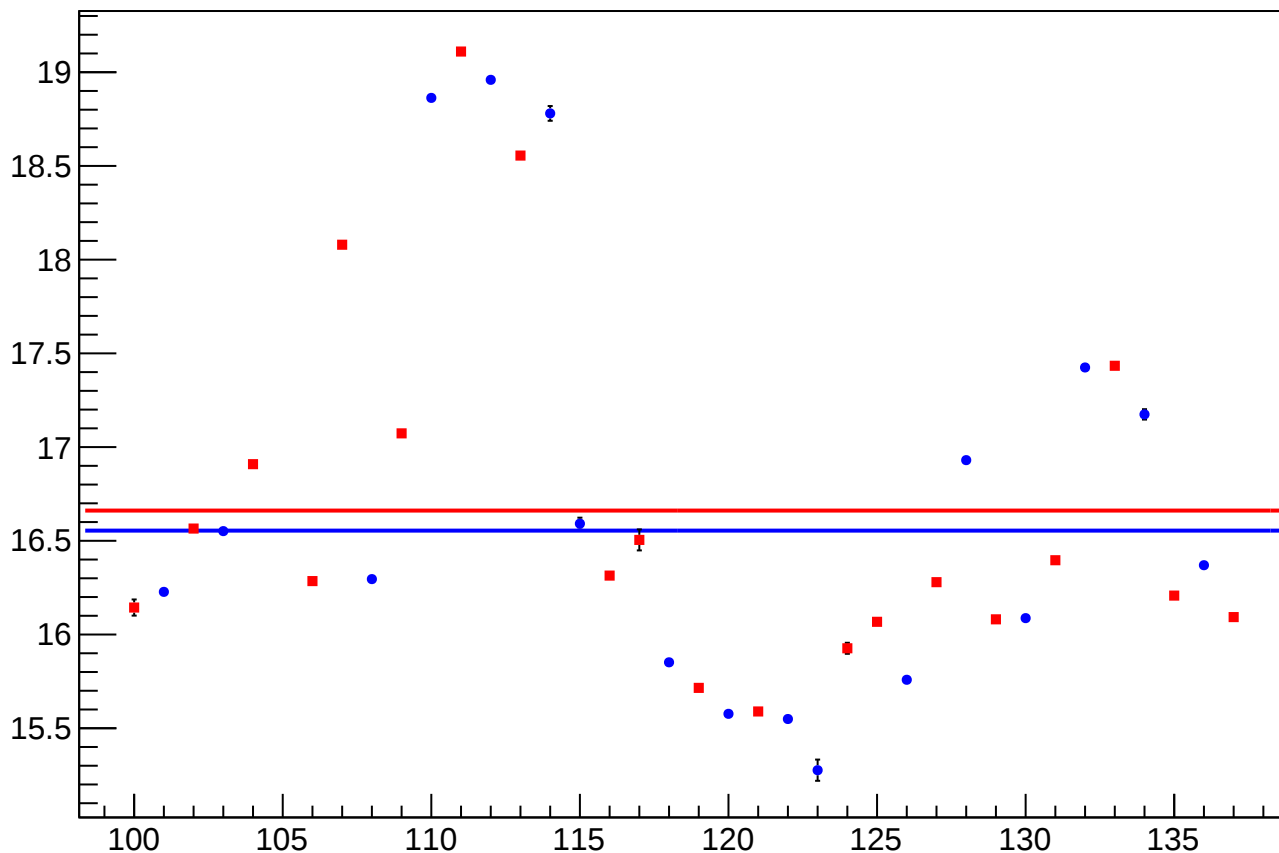
Right Out: -3.800+/-6.224 χ^2/NDF : 20.1/19

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

3.317+/-6.388 χ^2/NDF : 6.3/16

-3.800+/-6.224 χ^2/NDF : 20.1/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.554+/-0.005 χ^2/NDF : 44475.2/16

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

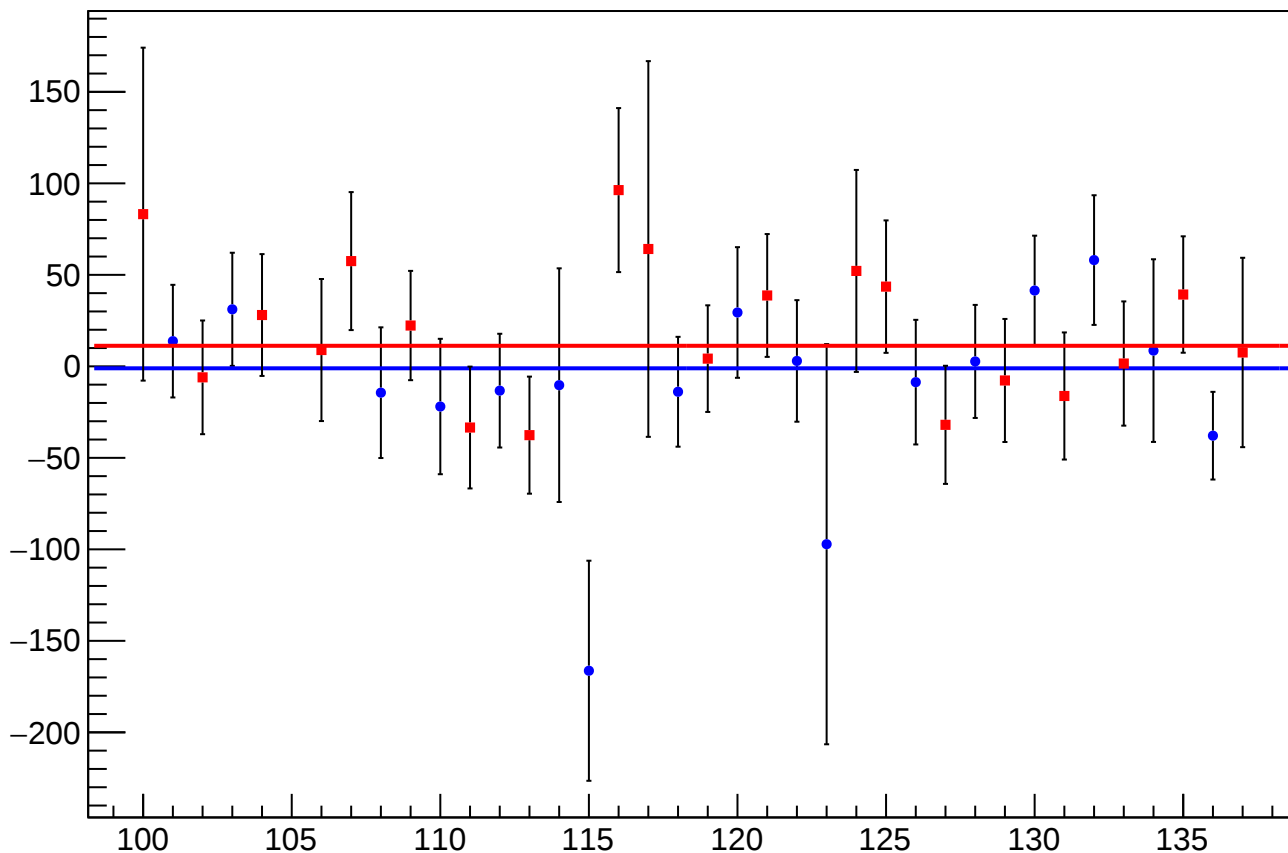
Right Out: 16.661+/-0.004 χ^2/NDF : 43071.4/19

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

16.554+/-0.005 χ^2/NDF : 44475.2/16

16.661+/-0.004 χ^2/NDF : 43071.4/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -1.068+/-8.444 χ^2 /NDF: 18.5/16

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

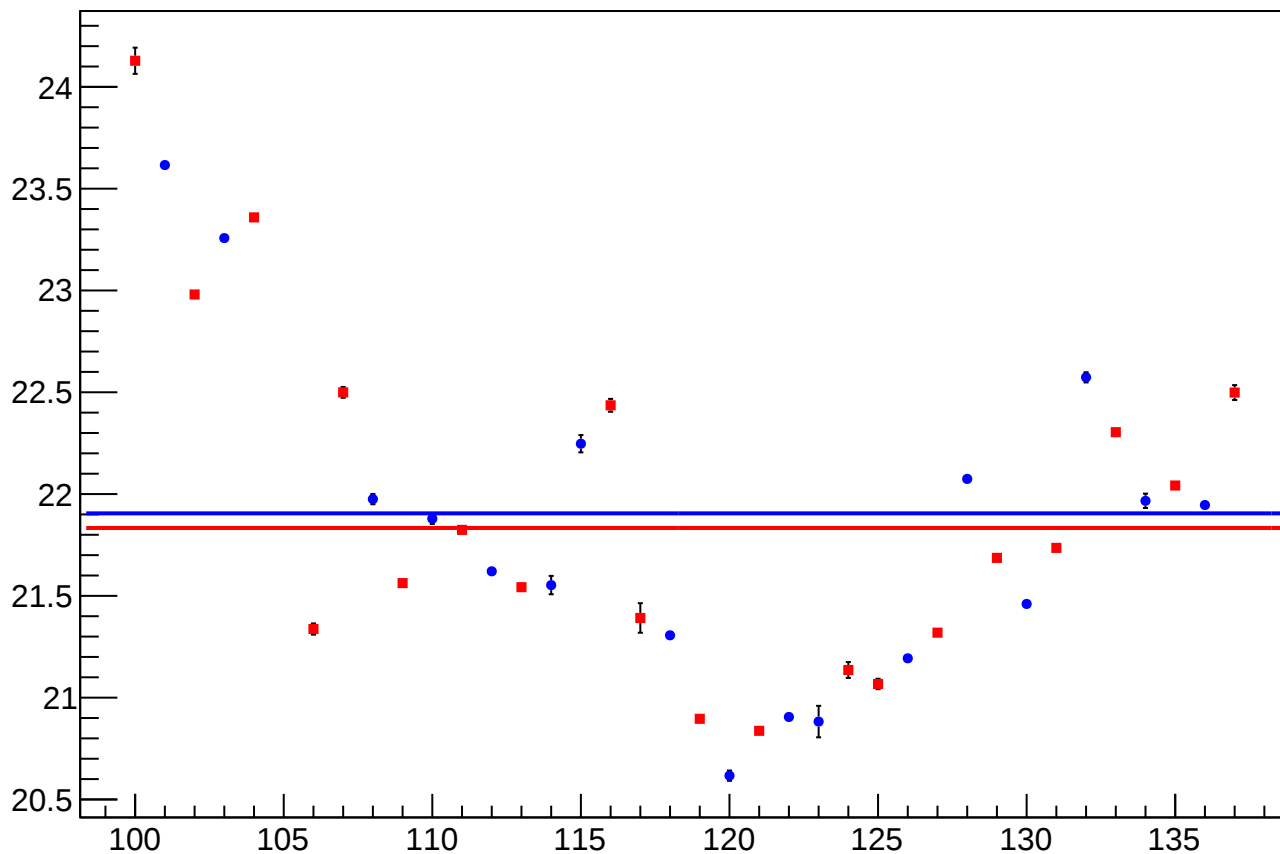
Right Out: 11.235+/-8.143 χ^2 /NDF: 16.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.068+/-8.444 χ^2 /NDF: 18.5/16

11.235+/-8.143 χ^2 /NDF: 16.5/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



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

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

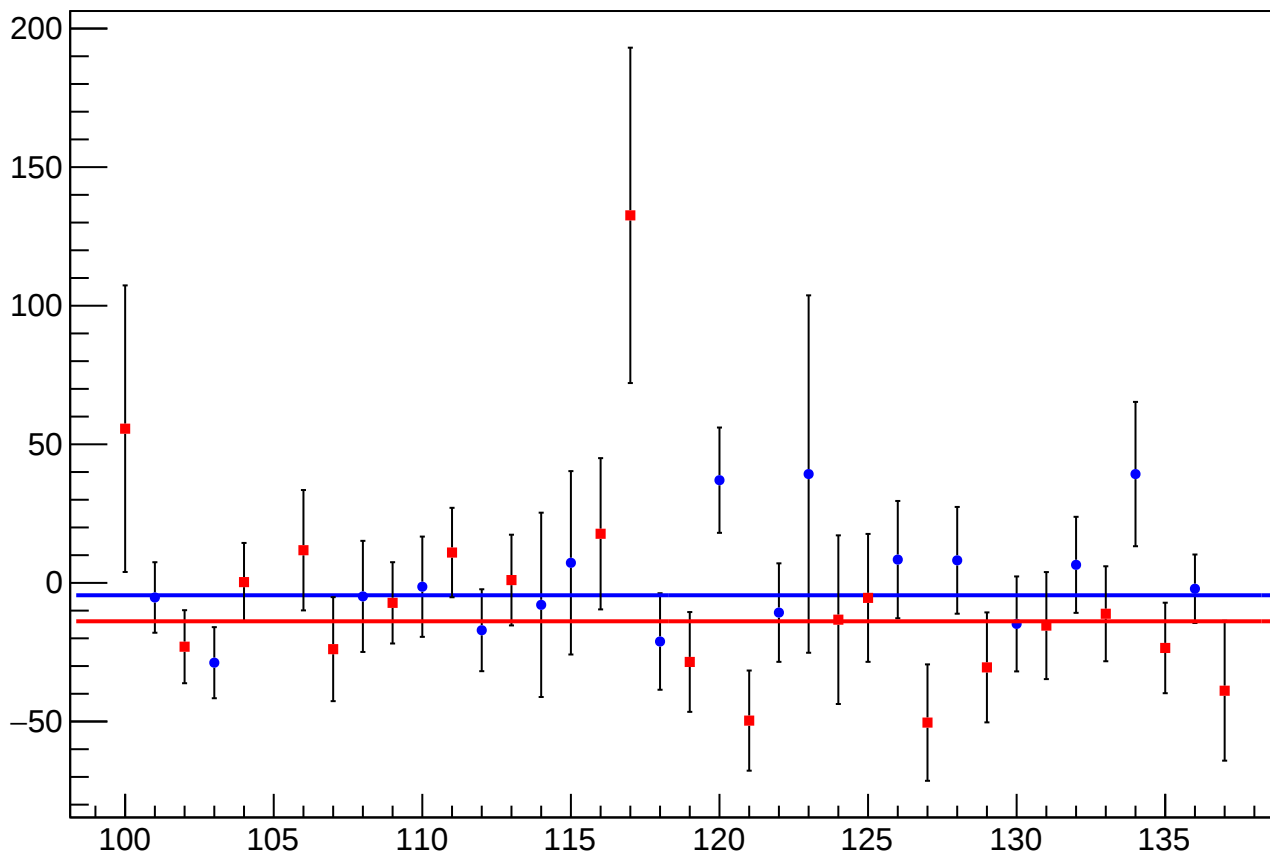
Right Out: 21.833+/-0.006 χ^2/NDF : 16288.5/19

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

21.905+/-0.006 χ^2/NDF : 17794.2/16

21.833+/-0.006 χ^2/NDF : 16288.5/19

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



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

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

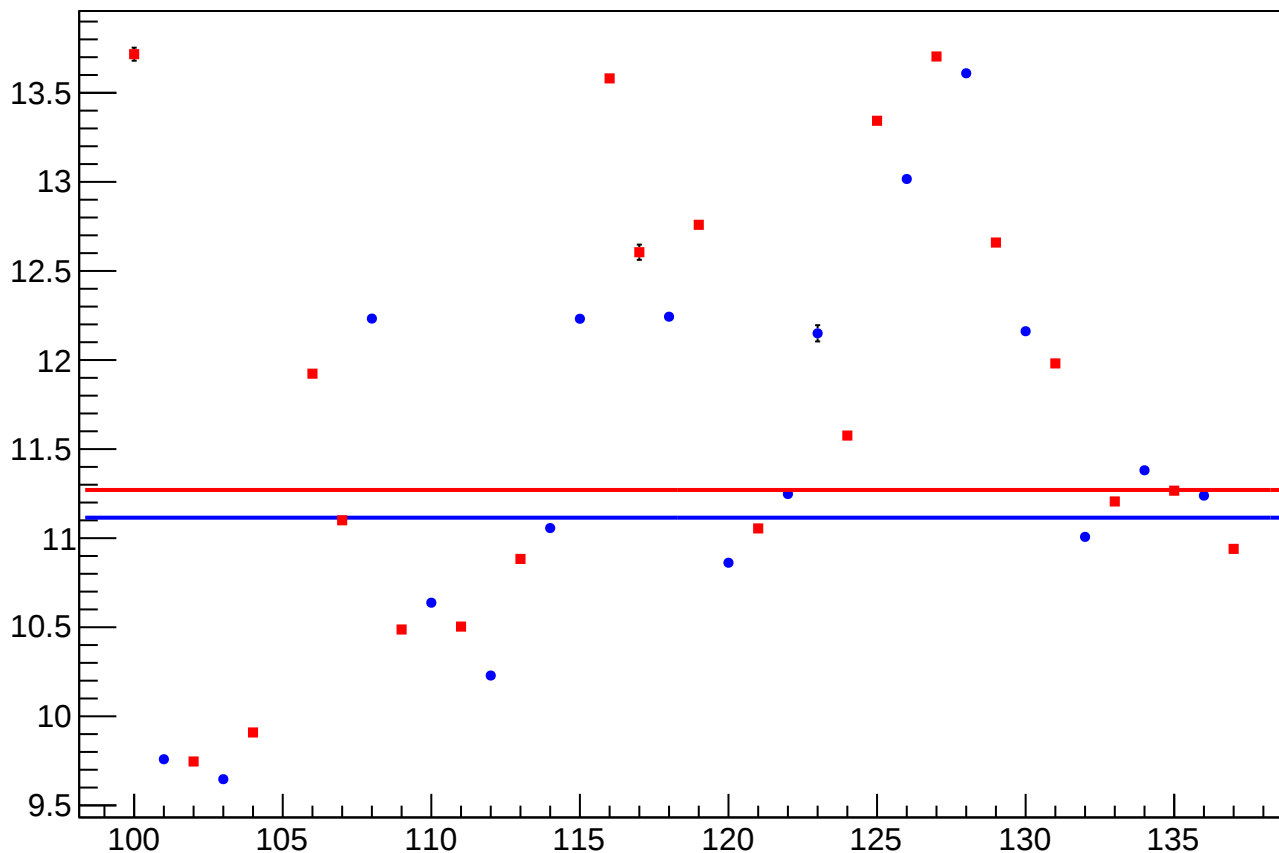
Right Out: -13.851 ± 4.253 χ^2/NDF : 25.4/19

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

-4.461 ± 4.329 χ^2/NDF : 15.2/16

-13.851 ± 4.253 χ^2/NDF : 25.4/19

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



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

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

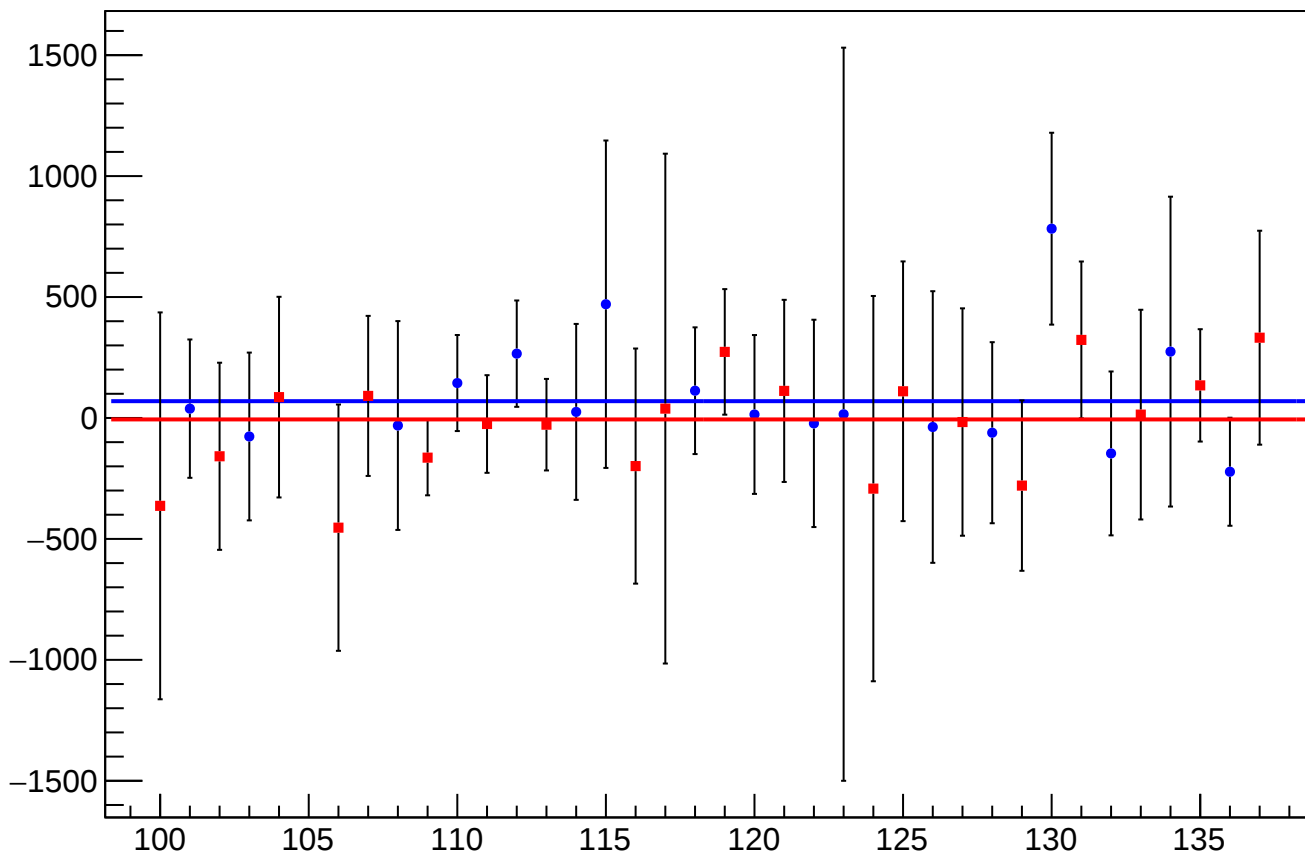
Right Out: 11.271+/-0.003 χ^2/NDF : 148461.6/19

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

11.115+/-0.003 χ^2/NDF : 133059.3/16

11.271+/-0.003 χ^2/NDF : 148461.6/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 69.470+/-79.231 χ^2/NDF : 7.3/16

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

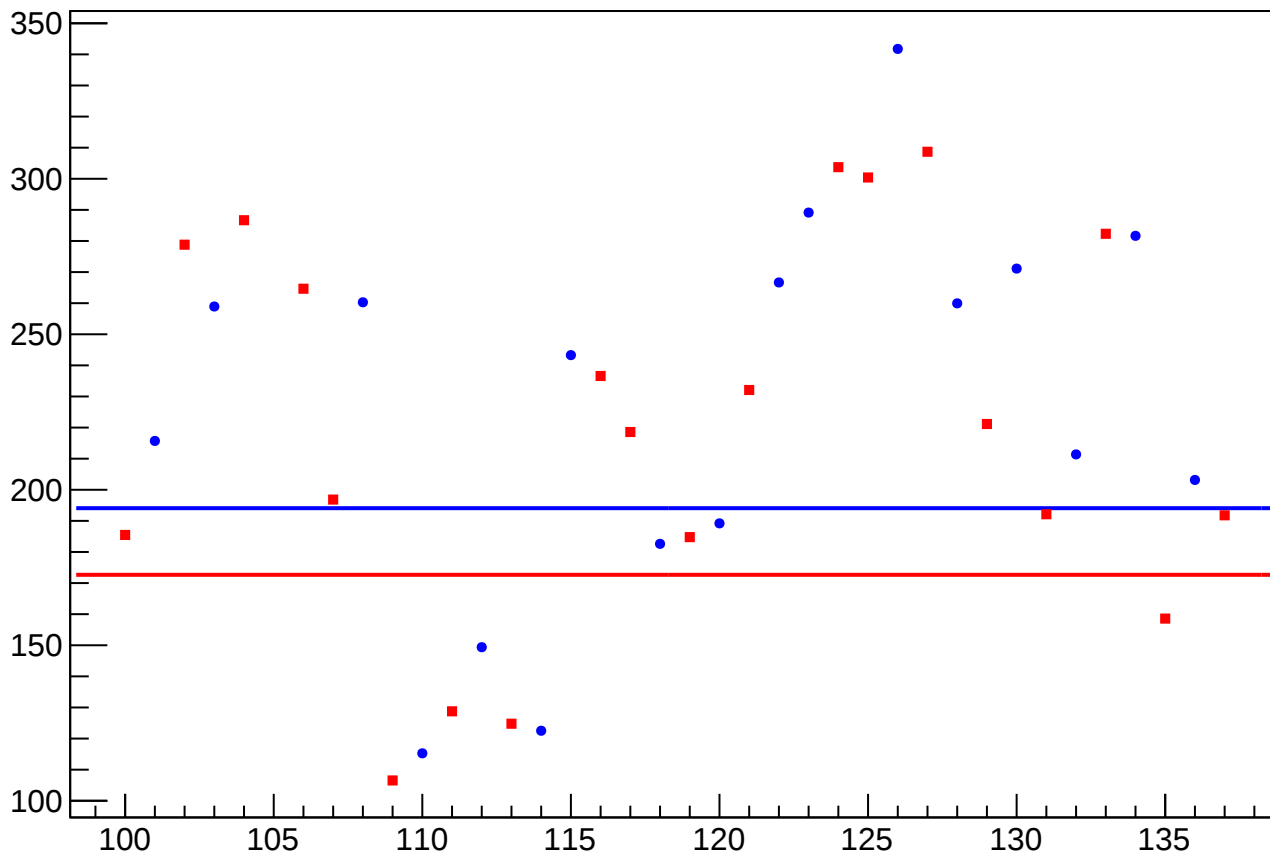
Right Out: -5.996+/-70.027 χ^2/NDF : 6.5/19

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

69.470+/-79.231 χ^2/NDF : 7.3/16

-5.996+/-70.027 χ^2/NDF : 6.5/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



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

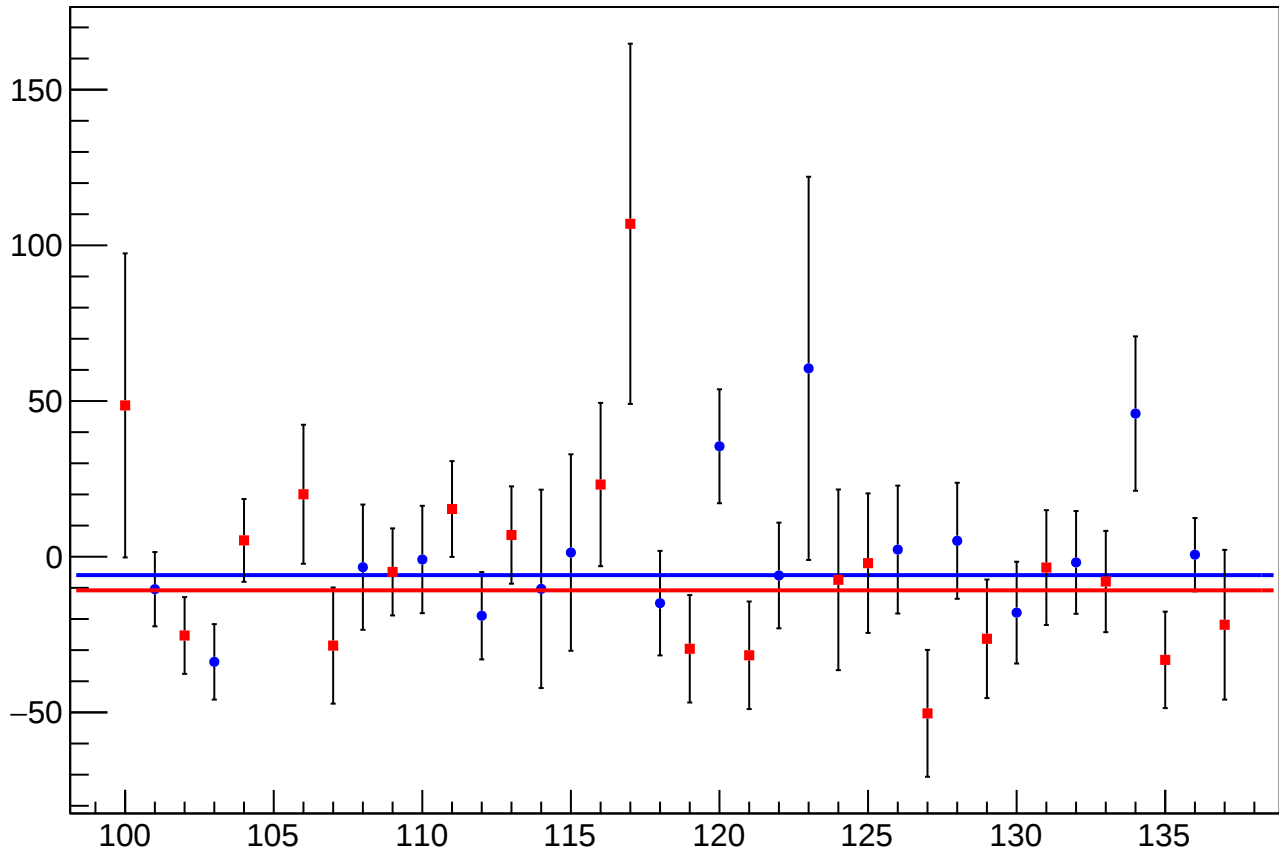
194.082 $\pm$ 0.056 χ^2 /NDF: 1005395.7/16

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

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

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



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

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

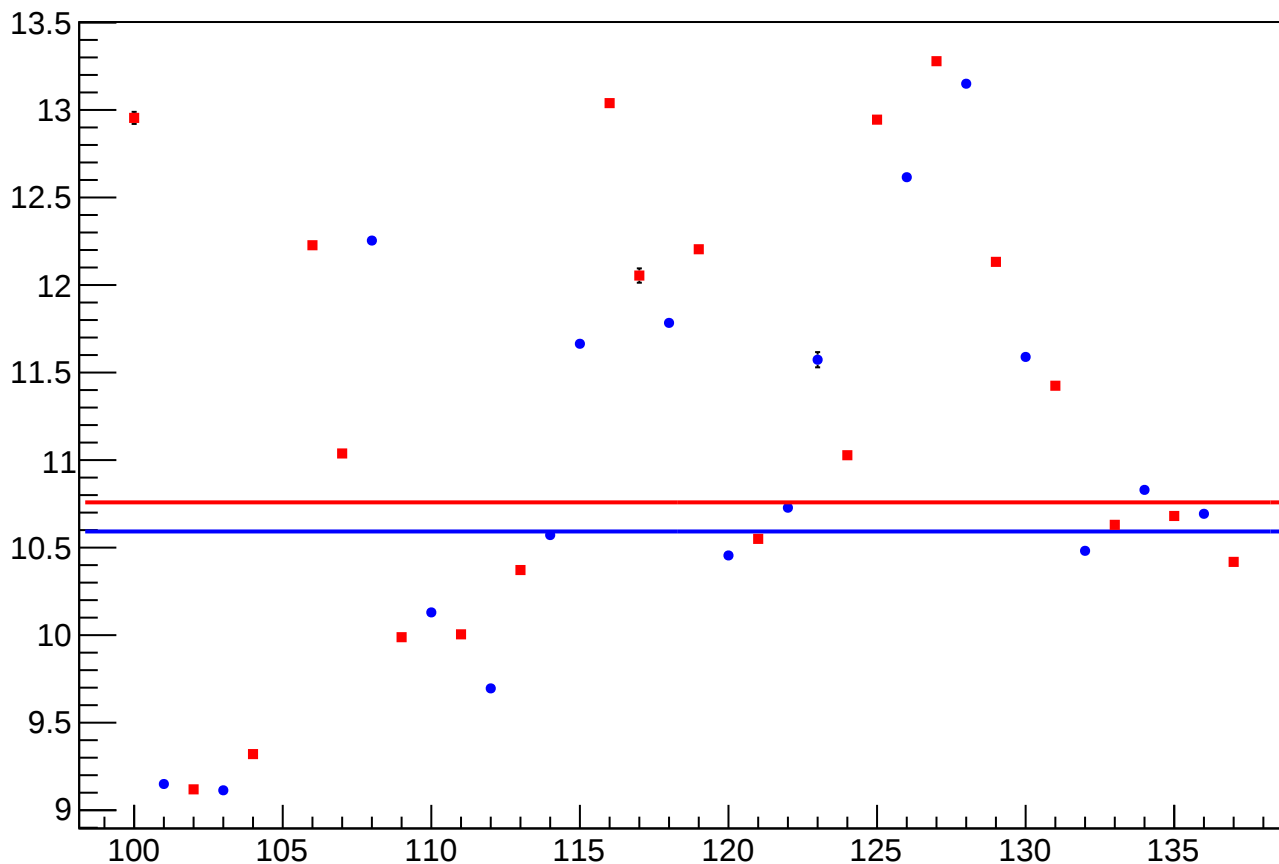
Right Out: -10.806+/-4.068 χ^2/NDF : 27.0/19

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

-5.912+/-4.133 χ^2/NDF : 18.8/16

-10.806+/-4.068 χ^2/NDF : 27.0/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



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

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

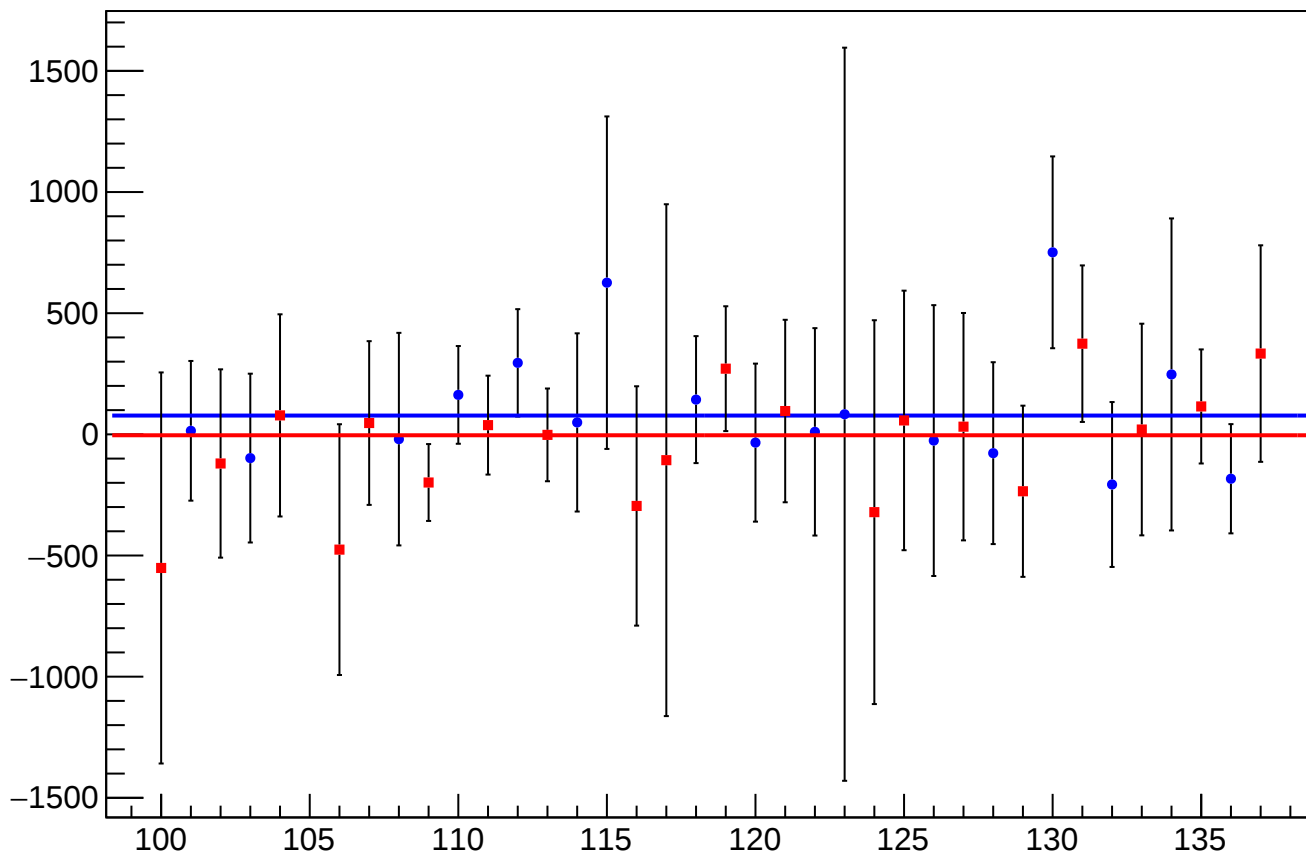
10.592+/-0.003 χ^2 /NDF: 160397.9/16

Right Out: 10.758+/-0.003 χ^2 /NDF: 177903.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.758+/-0.003 χ^2 /NDF: 177903.3/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 77.589+/-79.751 χ^2/NDF : 7.6/16

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

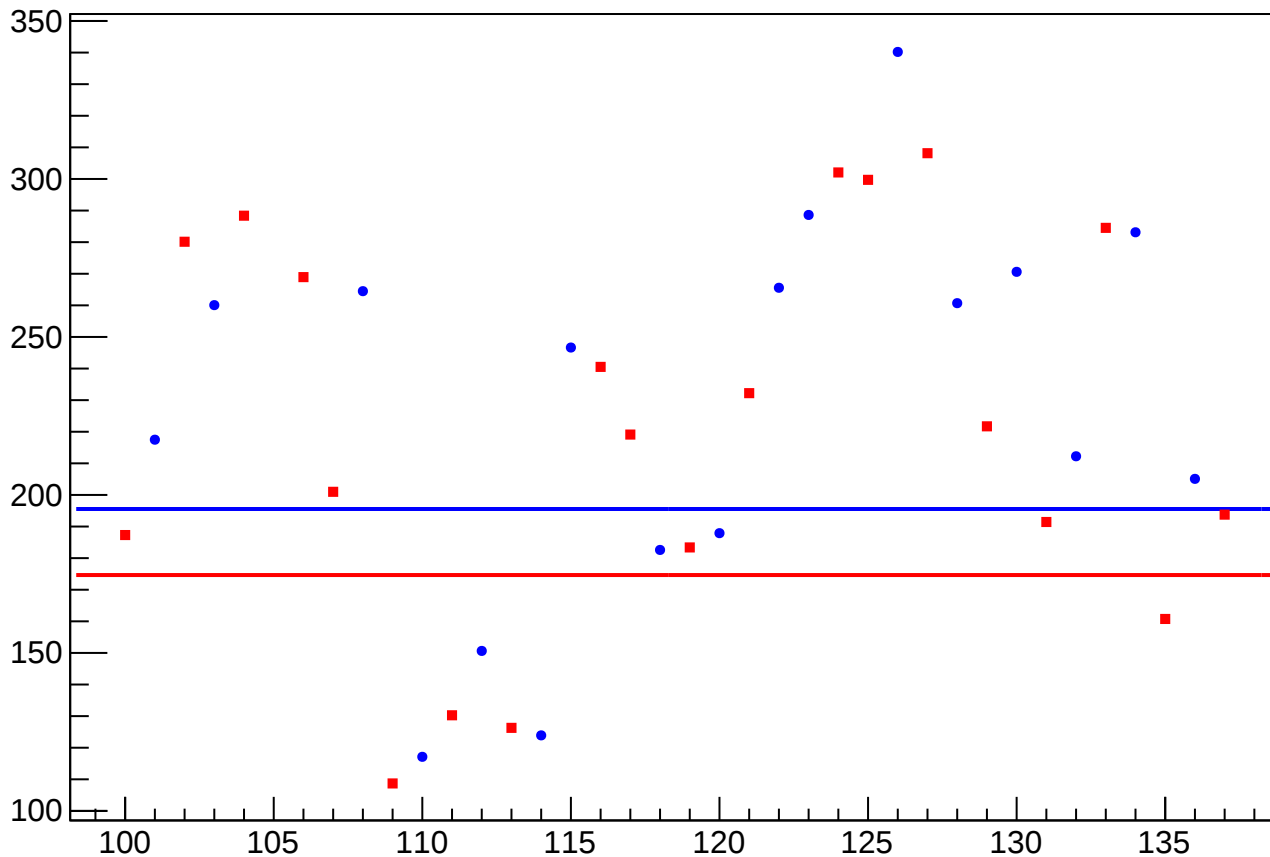
Right Out: -3.768+/-70.696 χ^2/NDF : 7.4/19

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

77.589+/-79.751 χ^2/NDF : 7.6/16

-3.768+/-70.696 χ^2/NDF : 7.4/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



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

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

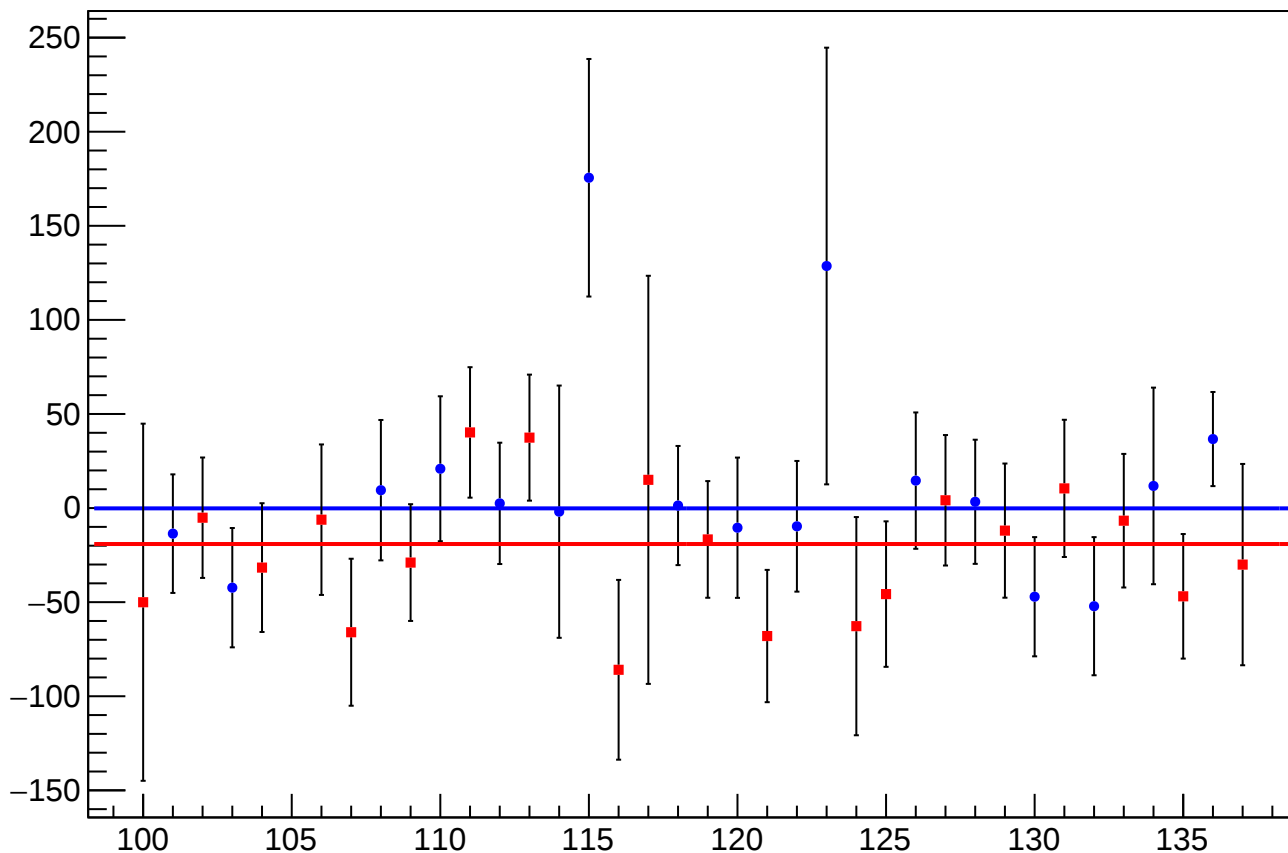
Right Out: 174.649+/-0.050 χ^2/NDF : 1532189.1/19

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

195.551+/-0.056 χ^2/NDF : 979937.7/16

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

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -0.158+/-8.826 χ^2 /NDF: 18.1/16

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

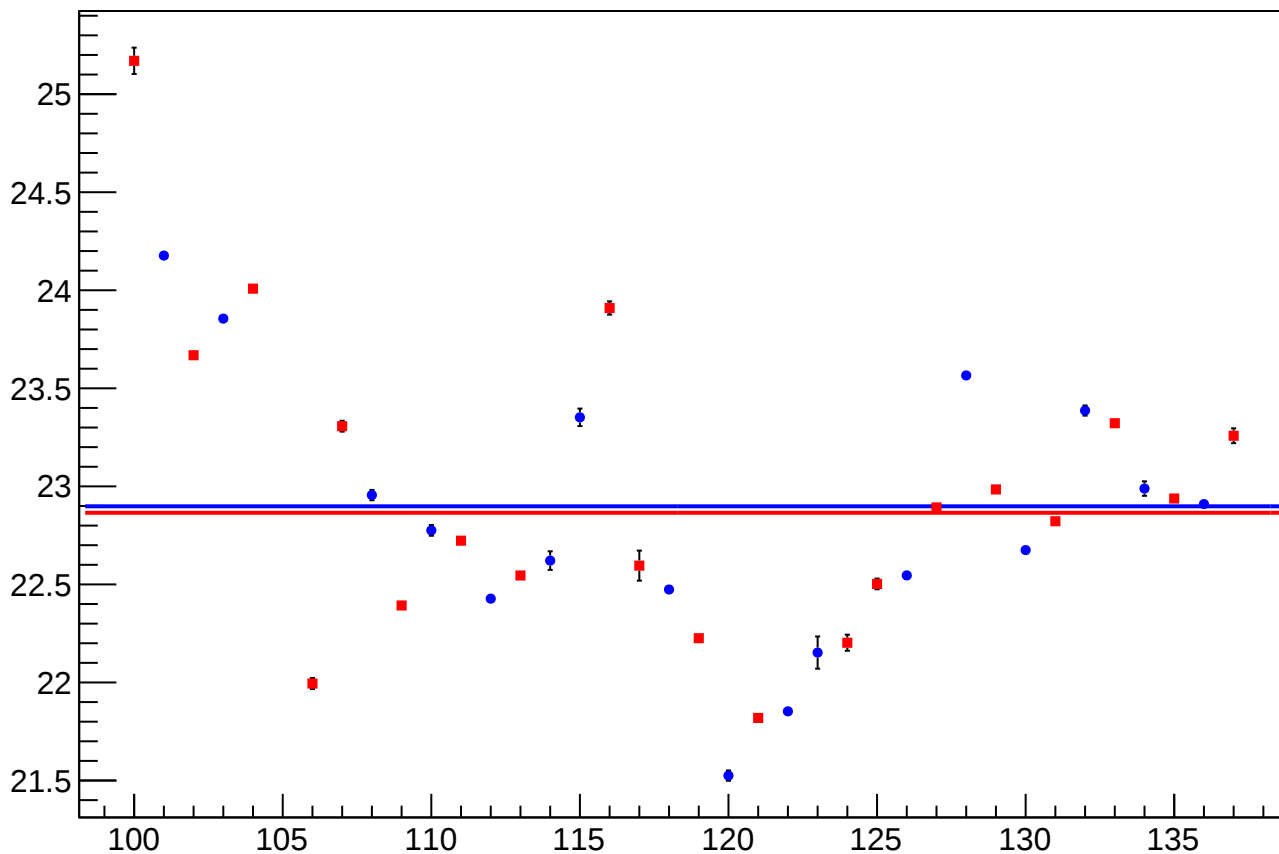
Right Out: -19.104+/-8.527 χ^2 /NDF: 14.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.158+/-8.826 χ^2 /NDF: 18.1/16

-19.104+/-8.527 χ^2 /NDF: 14.9/19

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



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

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

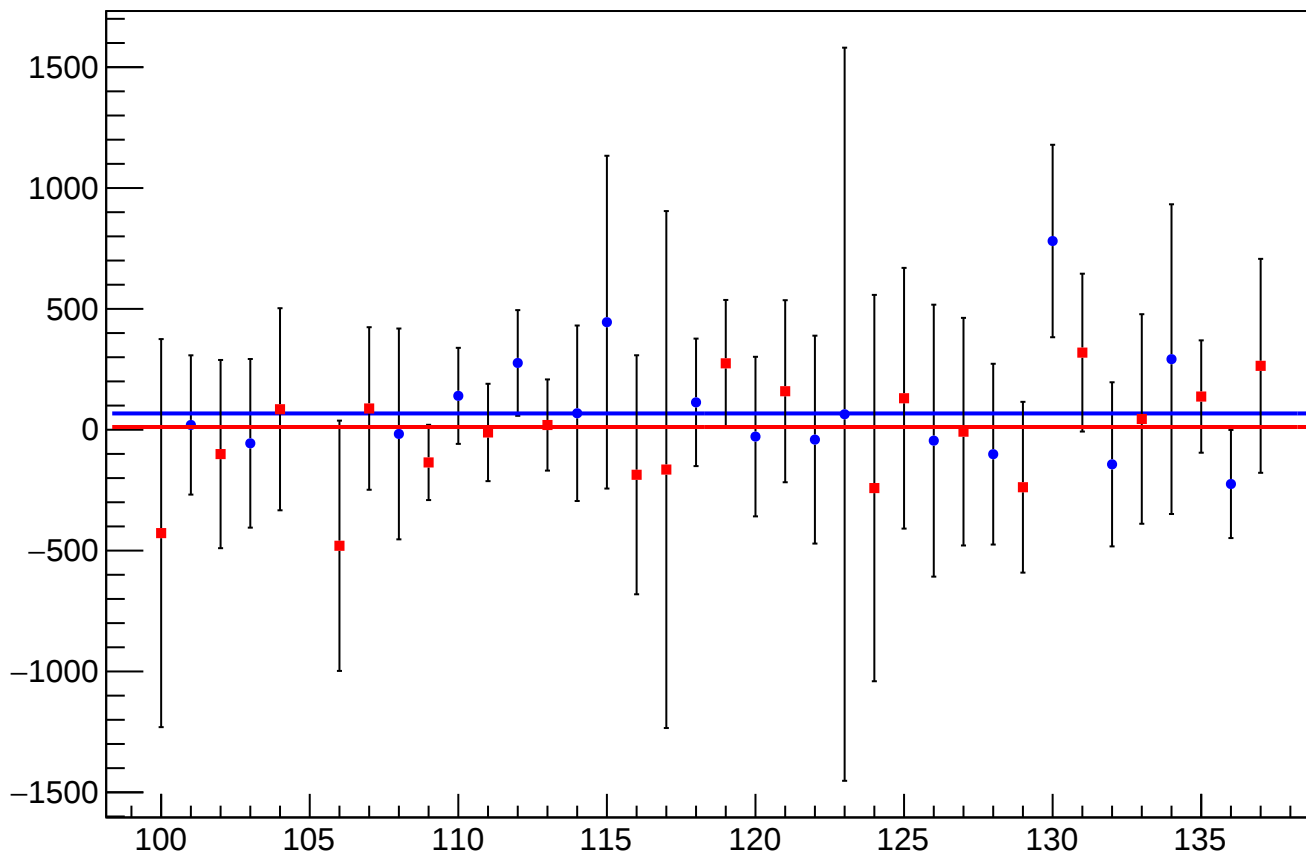
22.898+/-0.006 χ^2/NDF : 12143.3/16

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

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

22.865+/-0.006 χ^2/NDF : 11060.8/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.449+/-79.404 χ^2/NDF : 7.4/16

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

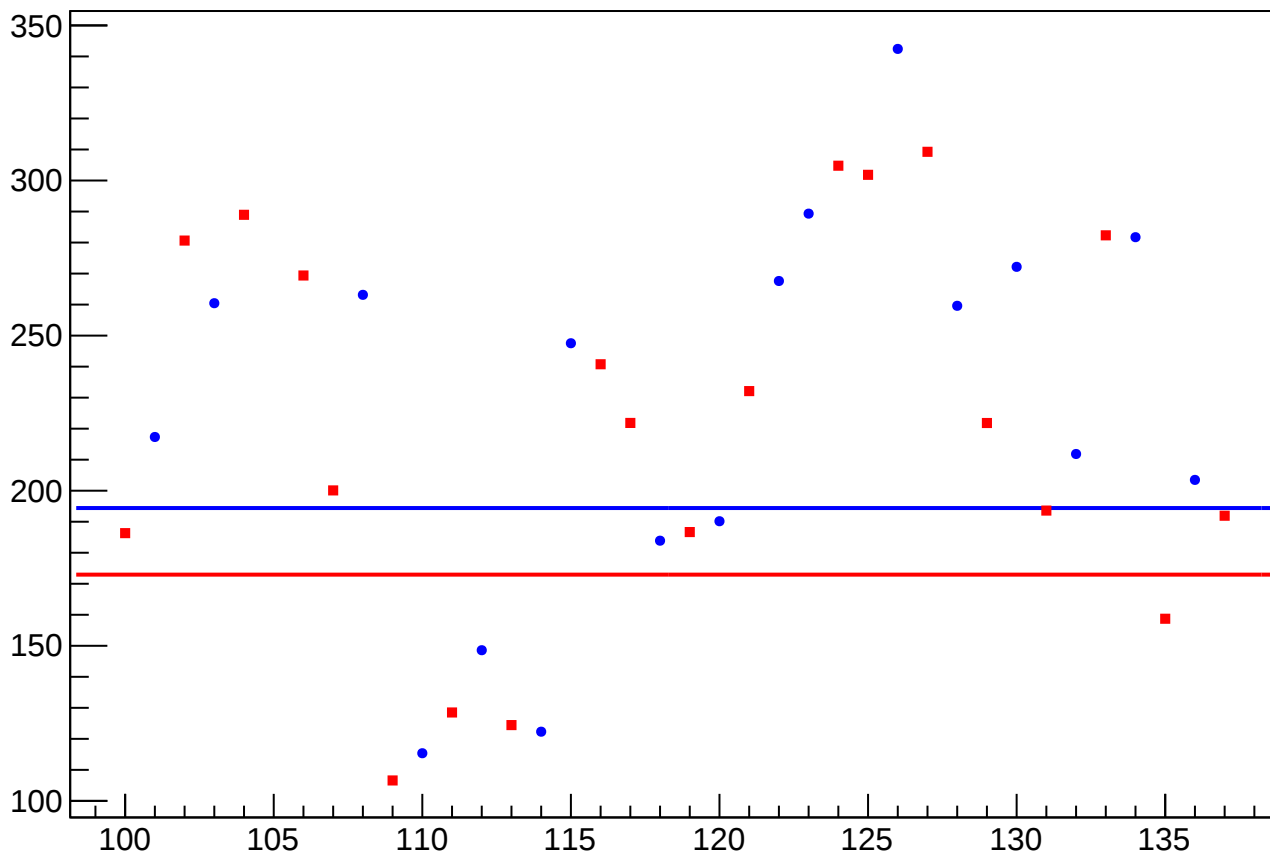
Right Out: 11.355+/-70.203 χ^2/NDF : 5.8/19

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

67.449+/-79.404 χ^2/NDF : 7.4/16

11.355+/-70.203 χ^2/NDF : 5.8/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



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

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

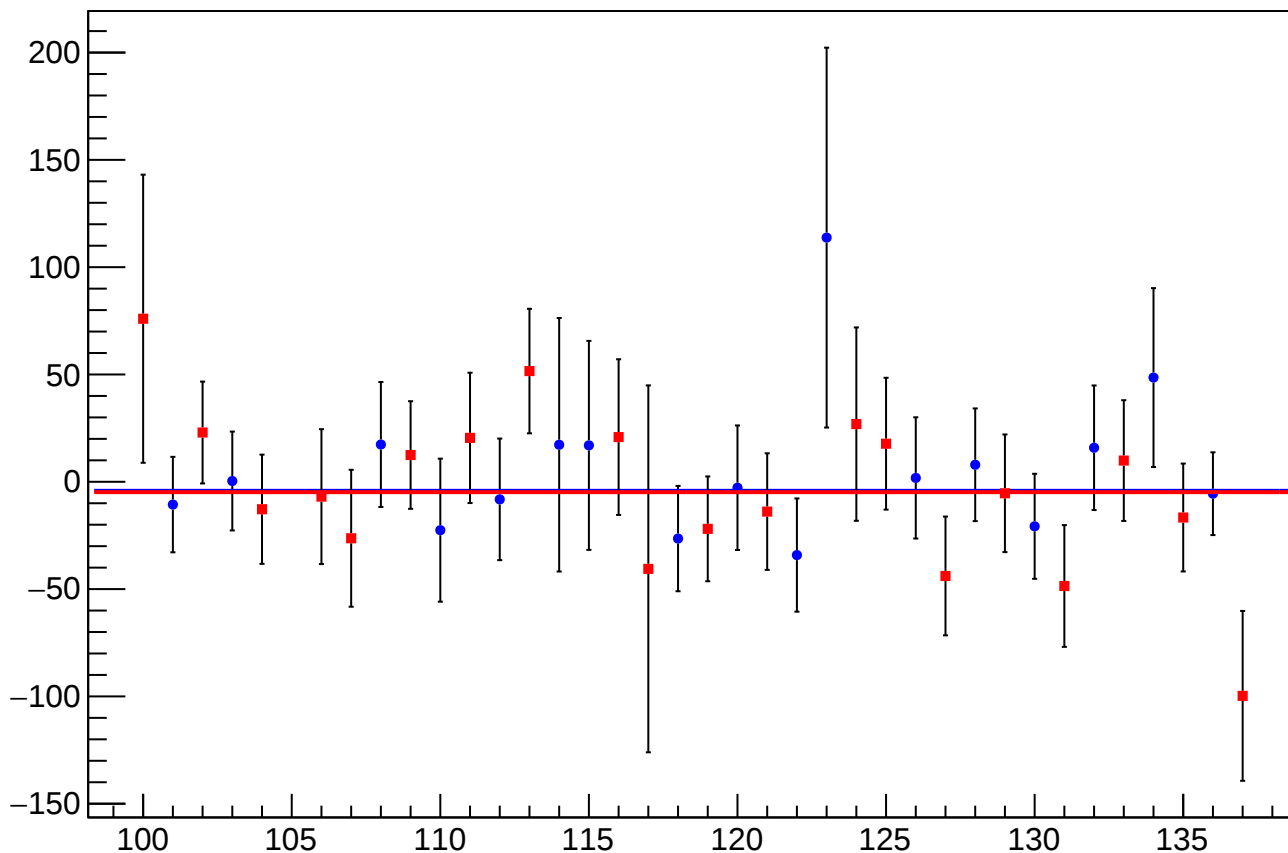
Right Out: 172.942+/-0.050 χ^2/NDF : 1600959.1/19

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

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

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -4.223+/-6.871 χ^2/NDF : 8.0/16

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

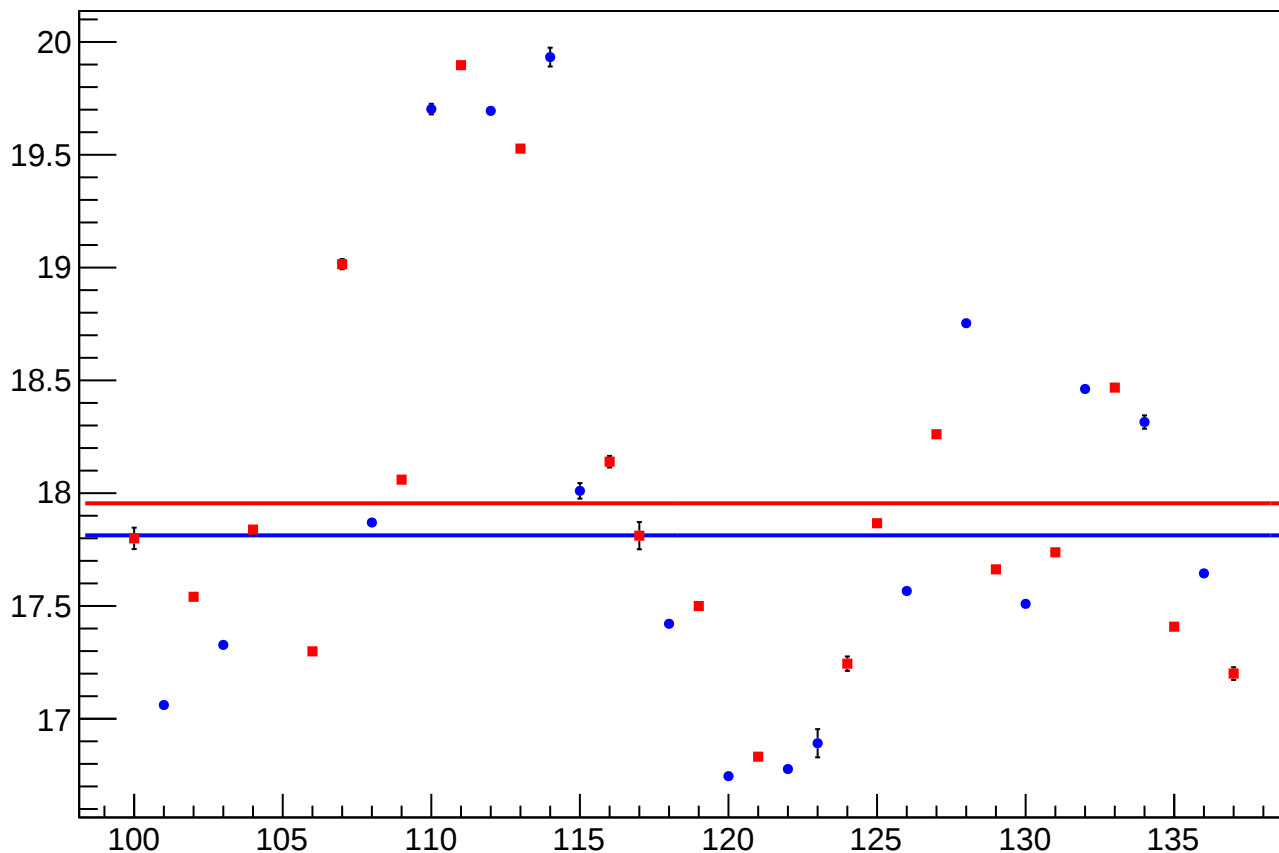
Right Out: -4.820+/-6.704 χ^2/NDF : 21.3/19

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

-4.223+/-6.871 χ^2/NDF : 8.0/16

-4.820+/-6.704 χ^2/NDF : 21.3/19

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.813+/-0.005 χ^2/NDF : 32034.8/16

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

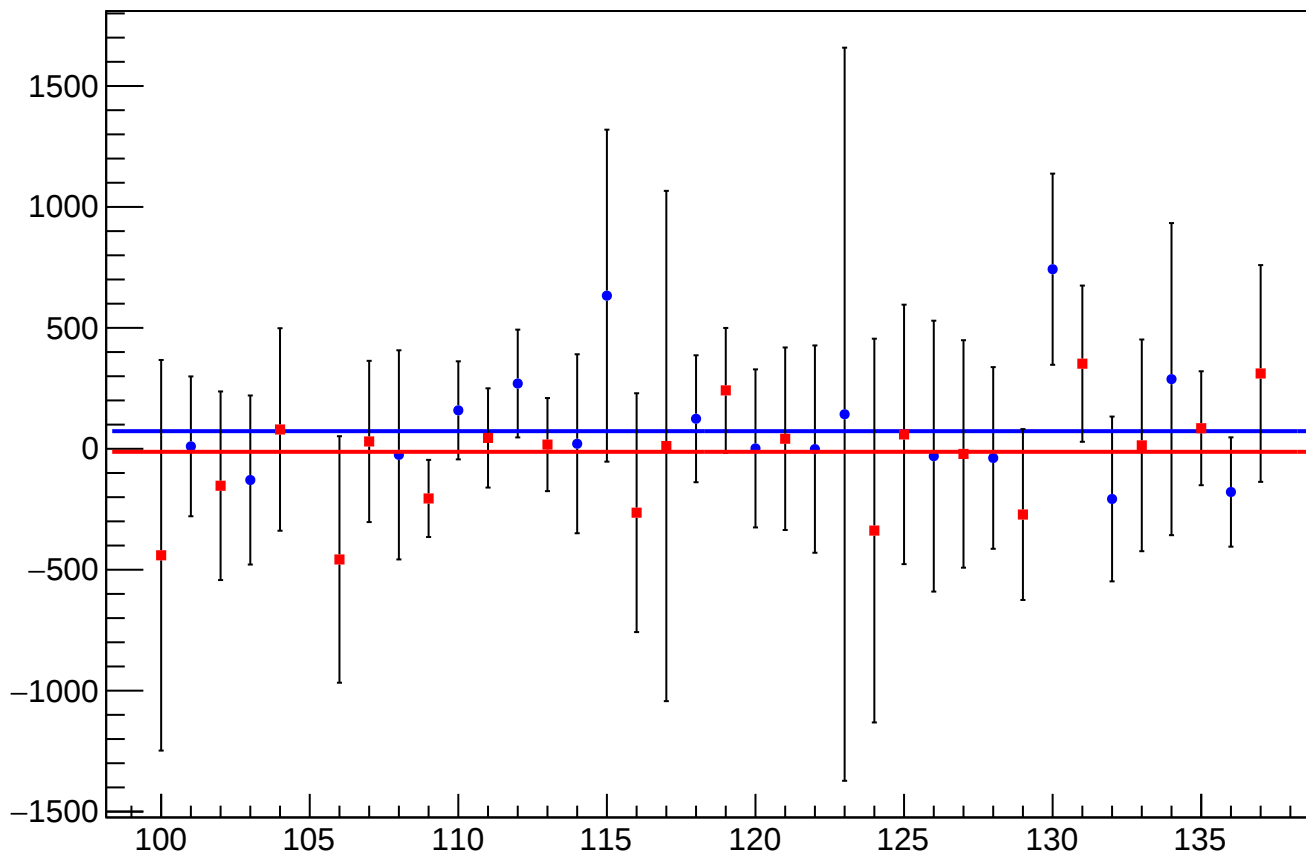
Right Out: 17.955+/-0.005 χ^2/NDF : 25451.0/19

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

17.813+/-0.005 χ^2/NDF : 32034.8/16

17.955+/-0.005 χ^2/NDF : 25451.0/19

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 72.888+/-79.948 χ^2/NDF : 7.2/16

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

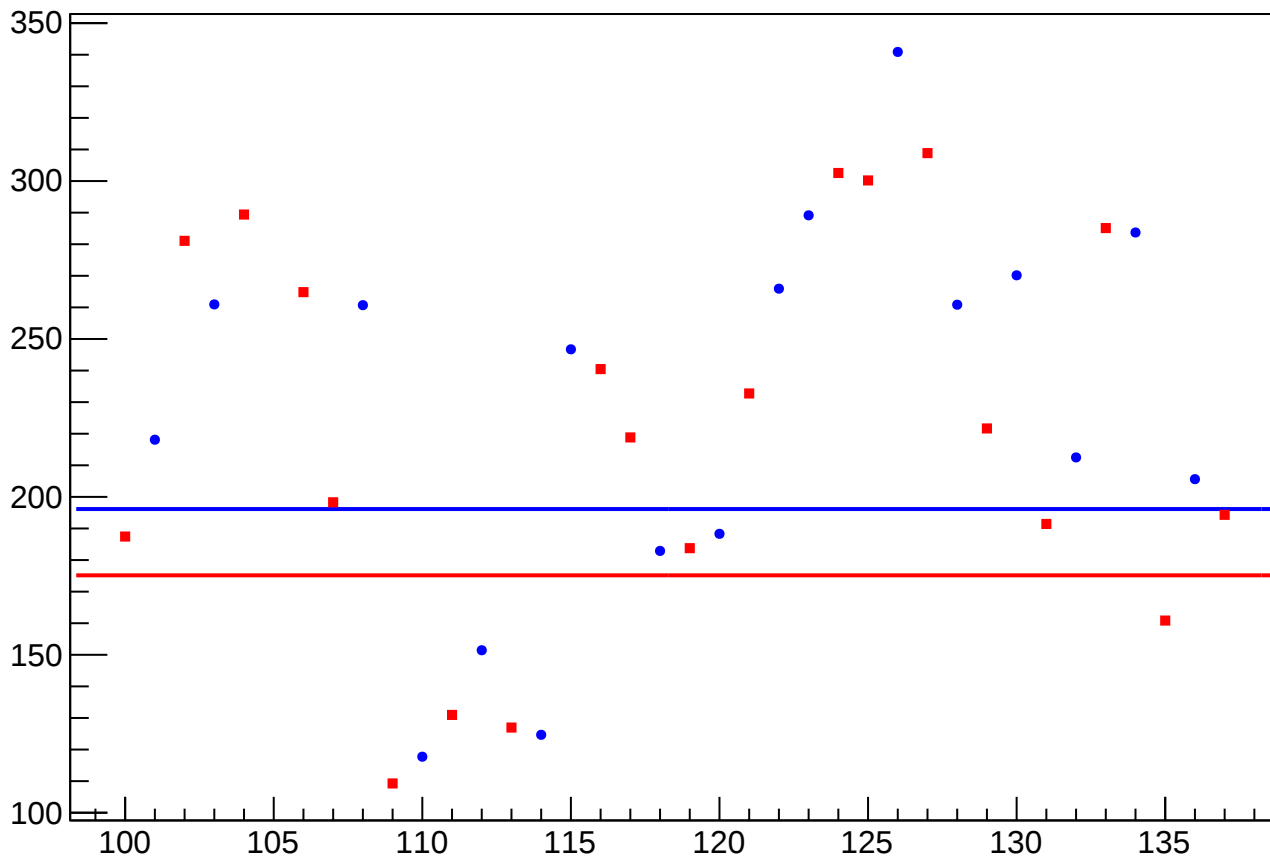
Right Out: -12.456+/-70.853 χ^2/NDF : 6.7/19

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

72.888+/-79.948 χ^2/NDF : 7.2/16

-12.456+/-70.853 χ^2/NDF : 6.7/19

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.151+/-0.057 χ^2/NDF : 964998.4/16

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

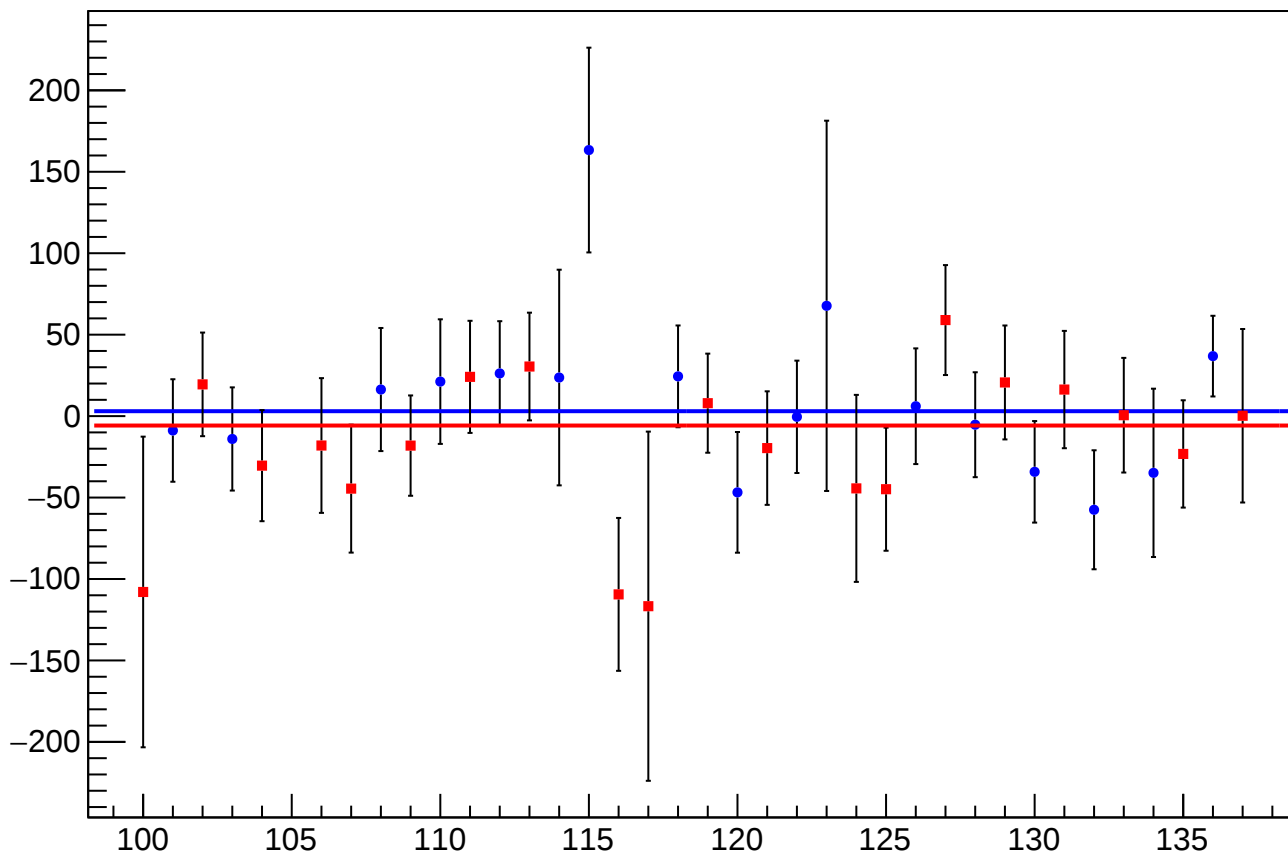
196.151+/-0.057 χ^2/NDF : 964998.4/16

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

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

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

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 3.022+/-8.751 χ^2/NDF : 17.2/16

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

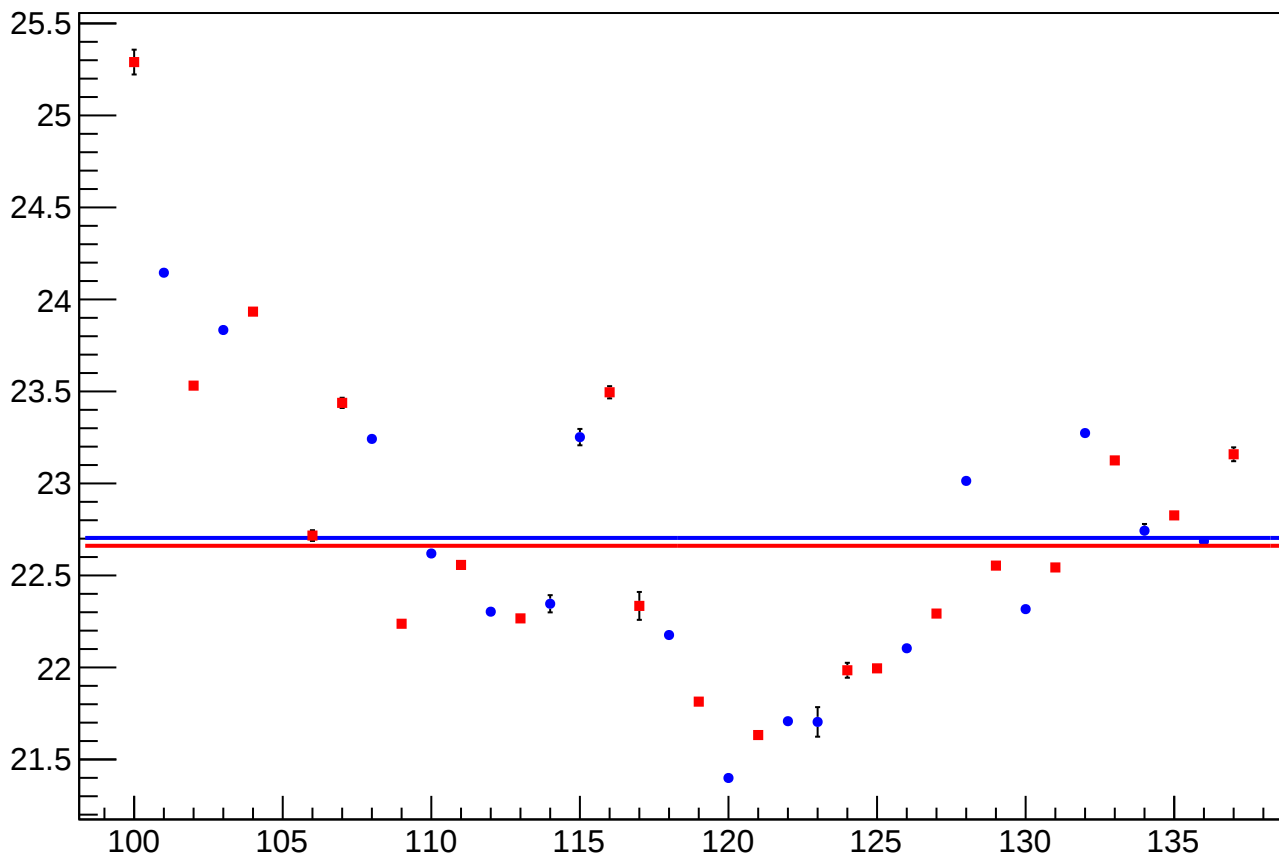
Right Out: -5.786+/-8.451 χ^2/NDF : 18.3/19

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

3.022+/-8.751 χ^2/NDF : 17.2/16

-5.786+/-8.451 χ^2/NDF : 18.3/19

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.704+/-0.006 χ^2 /NDF: 14105.8/16

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

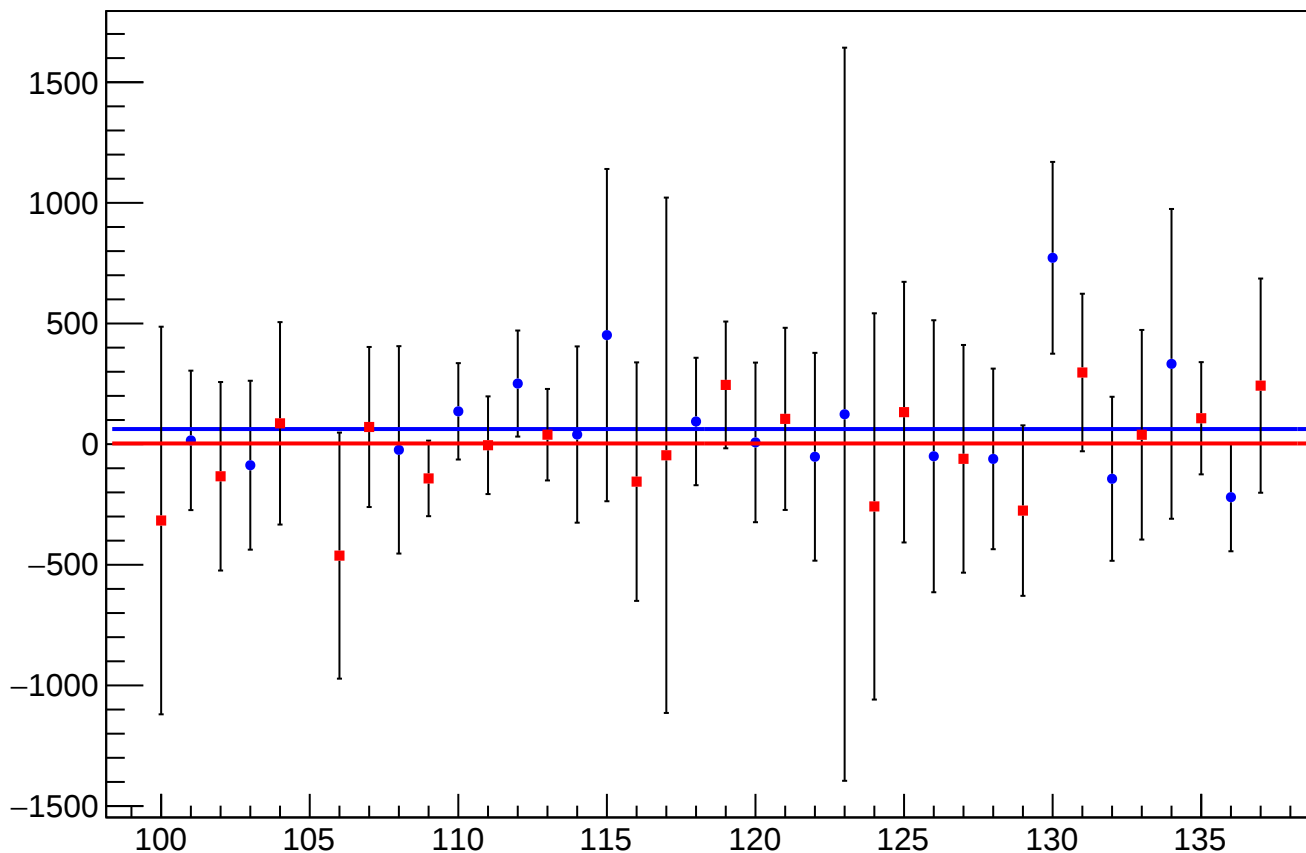
22.704+/-0.006 χ^2 /NDF: 14105.8/16

Right Out: 22.661+/-0.006 χ^2 /NDF: 12962.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.661+/-0.006 χ^2 /NDF: 12962.1/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 62.573+/-79.605 χ^2/NDF : 7.0/16

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

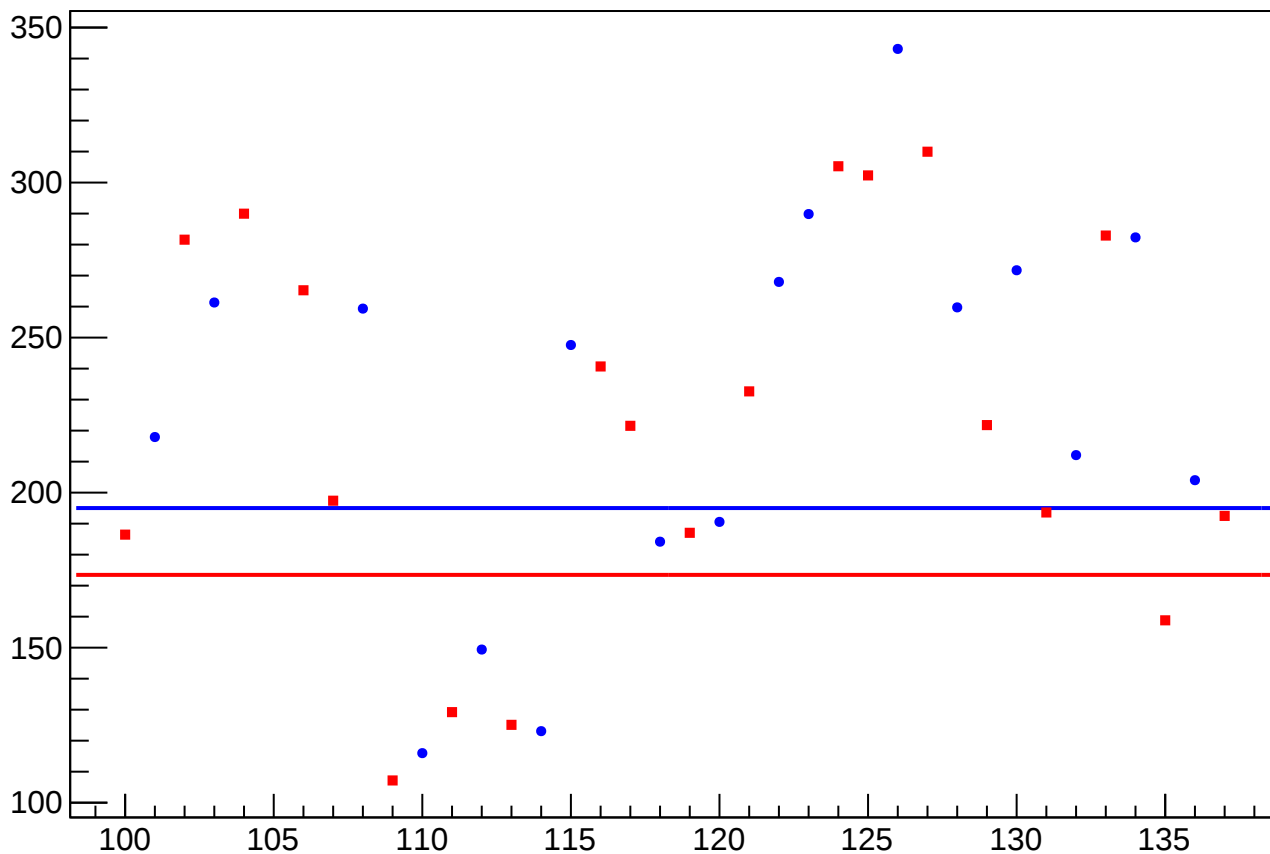
Right Out: 2.824+/-70.364 χ^2/NDF : 5.2/19

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

62.573+/-79.605 χ^2/NDF : 7.0/16

2.824+/-70.364 χ^2/NDF : 5.2/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



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

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

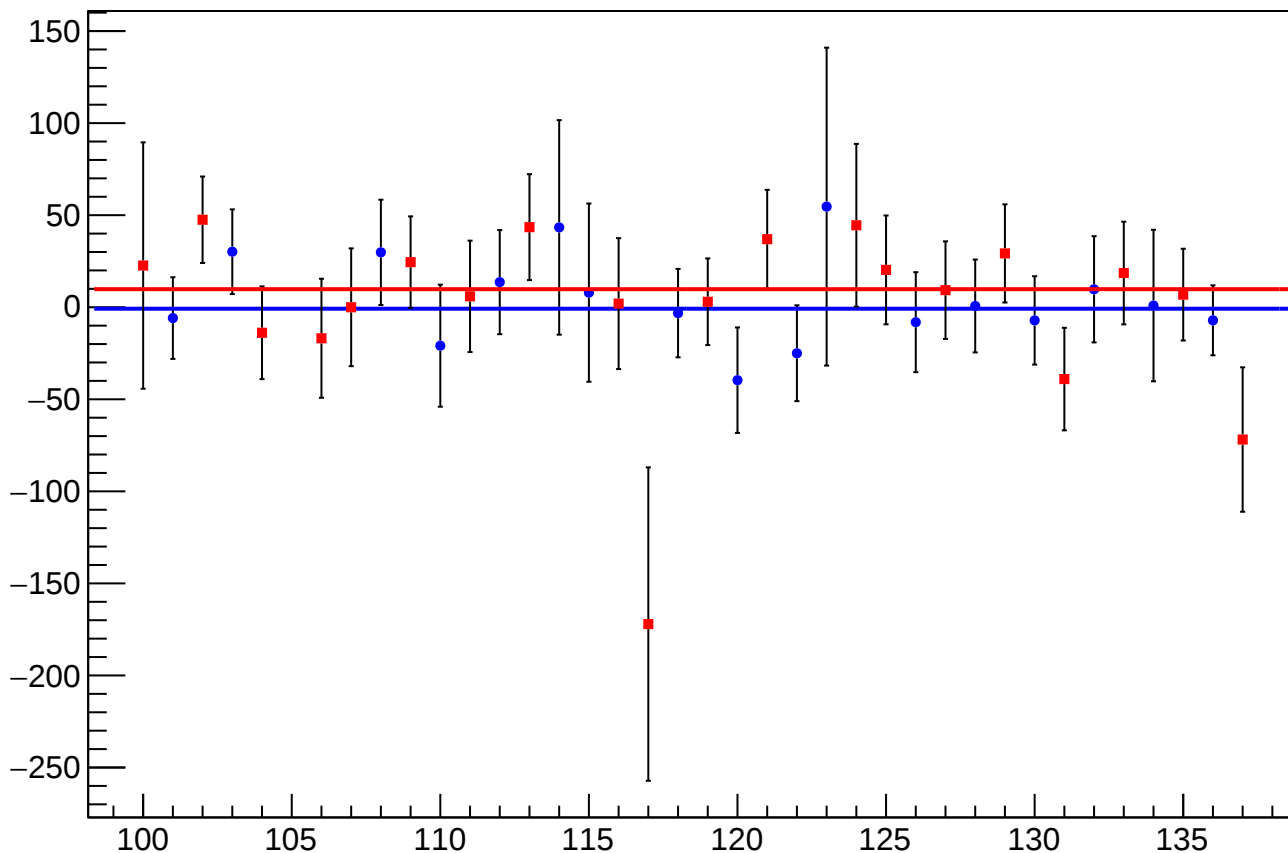
Right Out: 173.471+/-0.050 χ^2/NDF : 1582273.4/19

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

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

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: -0.801 ± 6.770 χ^2/NDF : 7.8/16

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

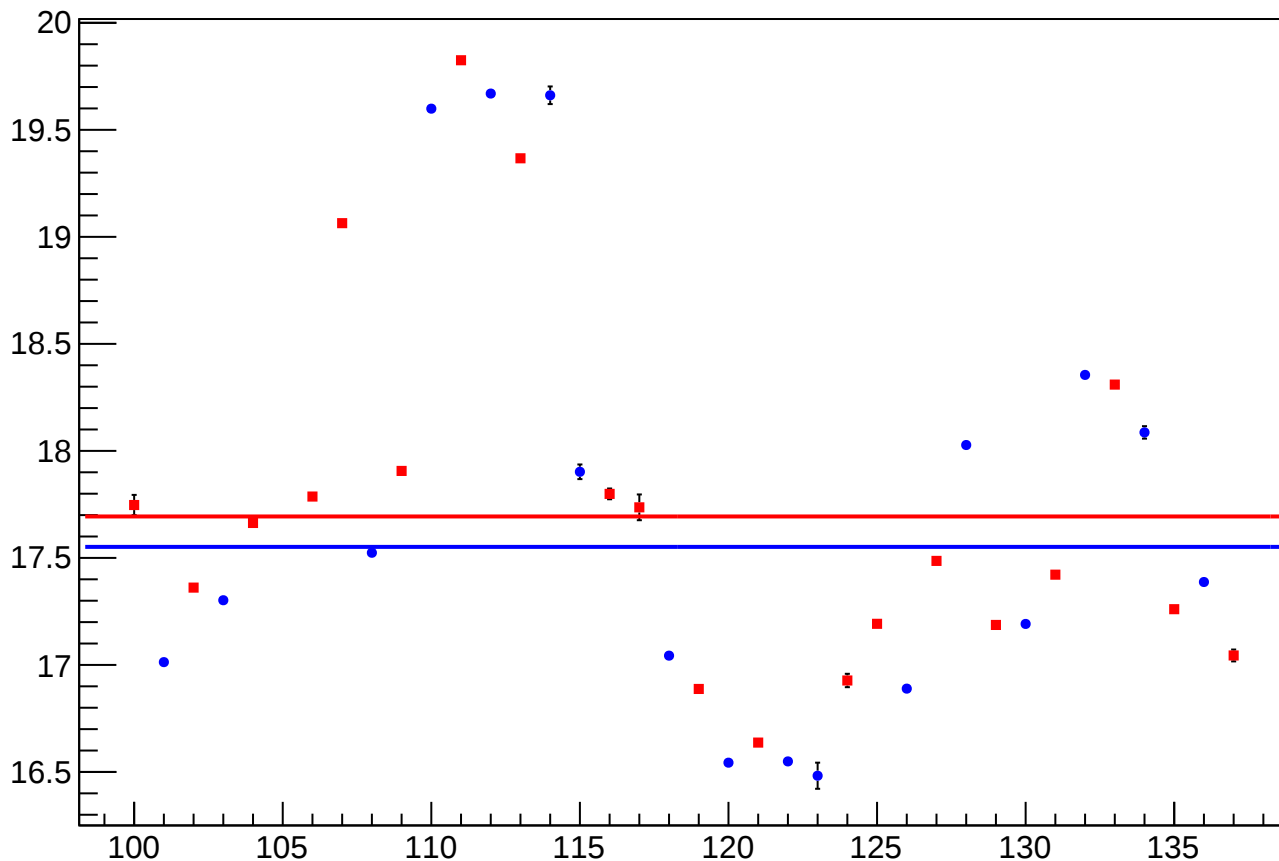
Right Out: 9.809 ± 6.606 χ^2/NDF : 20.5/19

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

-0.801 ± 6.770 χ^2/NDF : 7.8/16

9.809 ± 6.606 χ^2/NDF : 20.5/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.552+/-0.005 χ^2/NDF : 34027.1/16

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

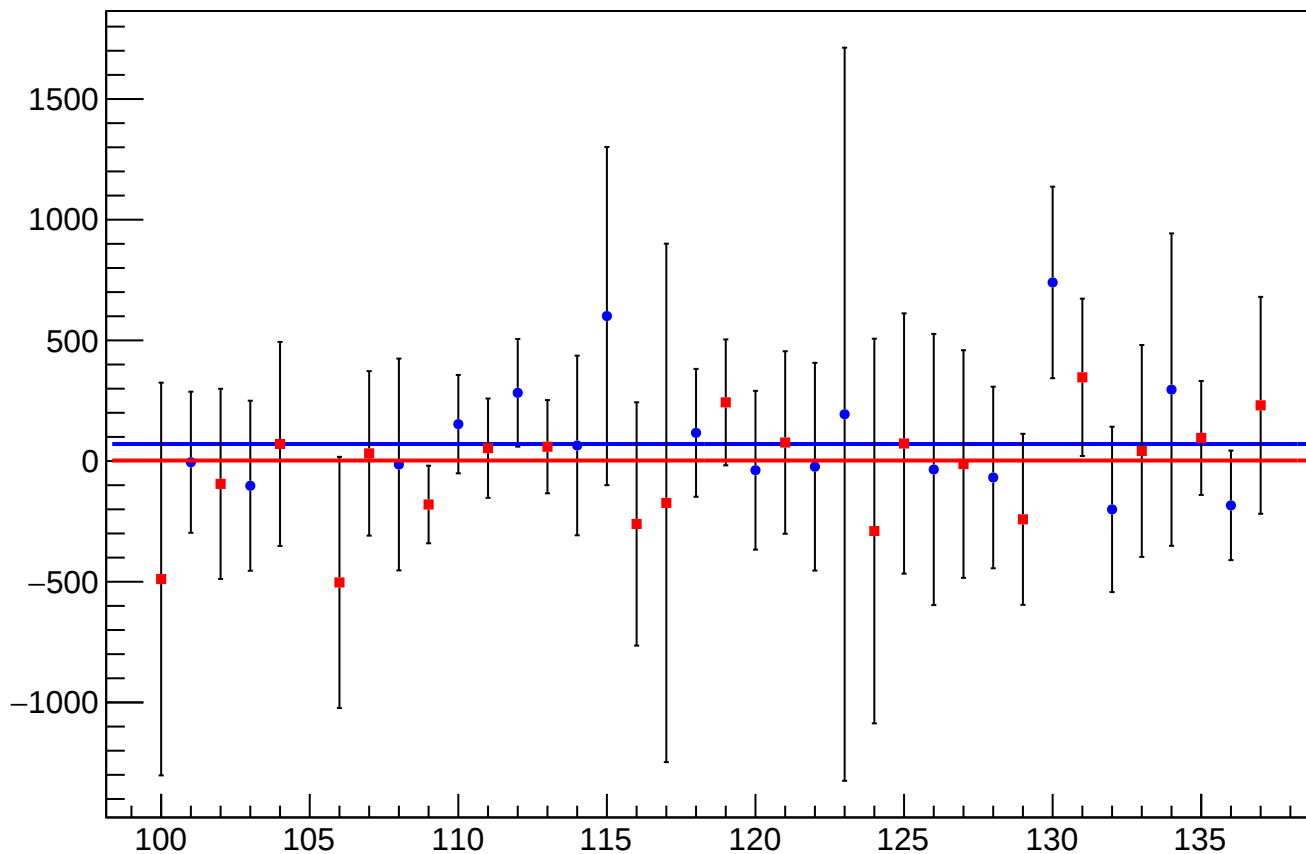
Right Out: 17.694+/-0.005 χ^2/NDF : 30742.5/19

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

17.552+/-0.005 χ^2/NDF : 34027.1/16

17.694+/-0.005 χ^2/NDF : 30742.5/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 70.634+/-80.409 χ^2/NDF : 7.2/16

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

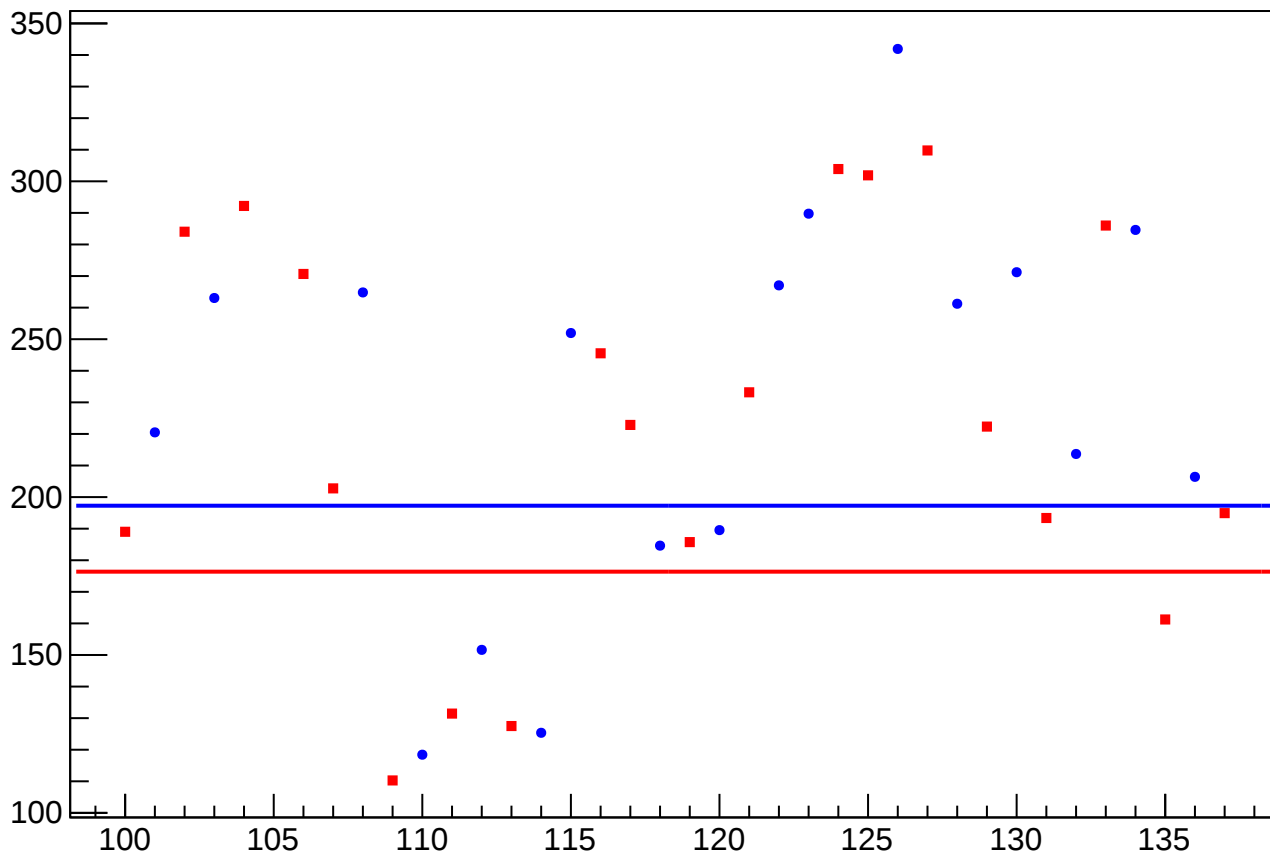
Right Out: 2.285+/-71.350 χ^2/NDF : 6.2/19

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

70.634+/-80.409 χ^2/NDF : 7.2/16

2.285+/-71.350 χ^2/NDF : 6.2/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.271+/-0.057 χ^2/NDF : 969549.7/16

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

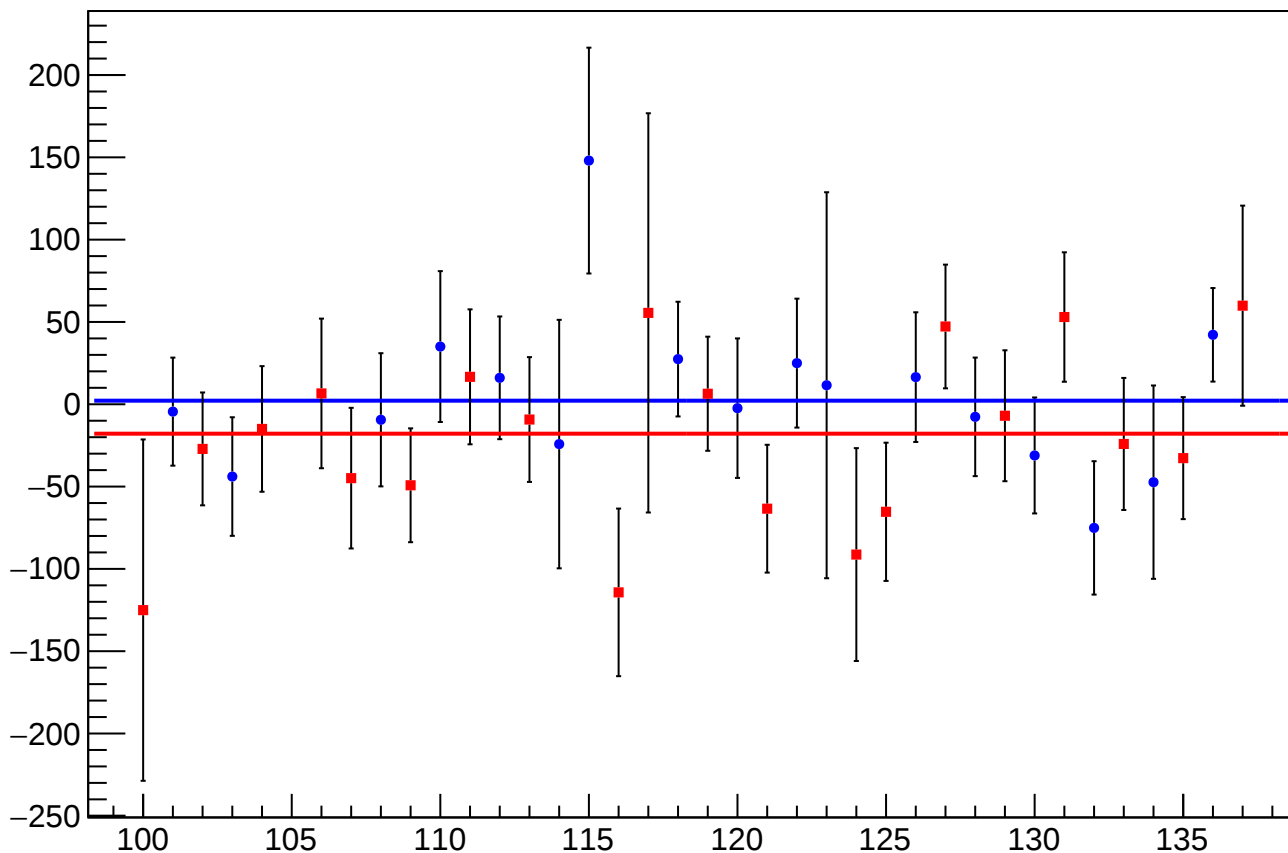
Right Out: 176.387+/-0.050 χ^2/NDF : 1523467.7/19

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

197.271+/-0.057 χ^2/NDF : 969549.7/16

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

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 2.178+/-9.825 χ^2/NDF : 15.4/16

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

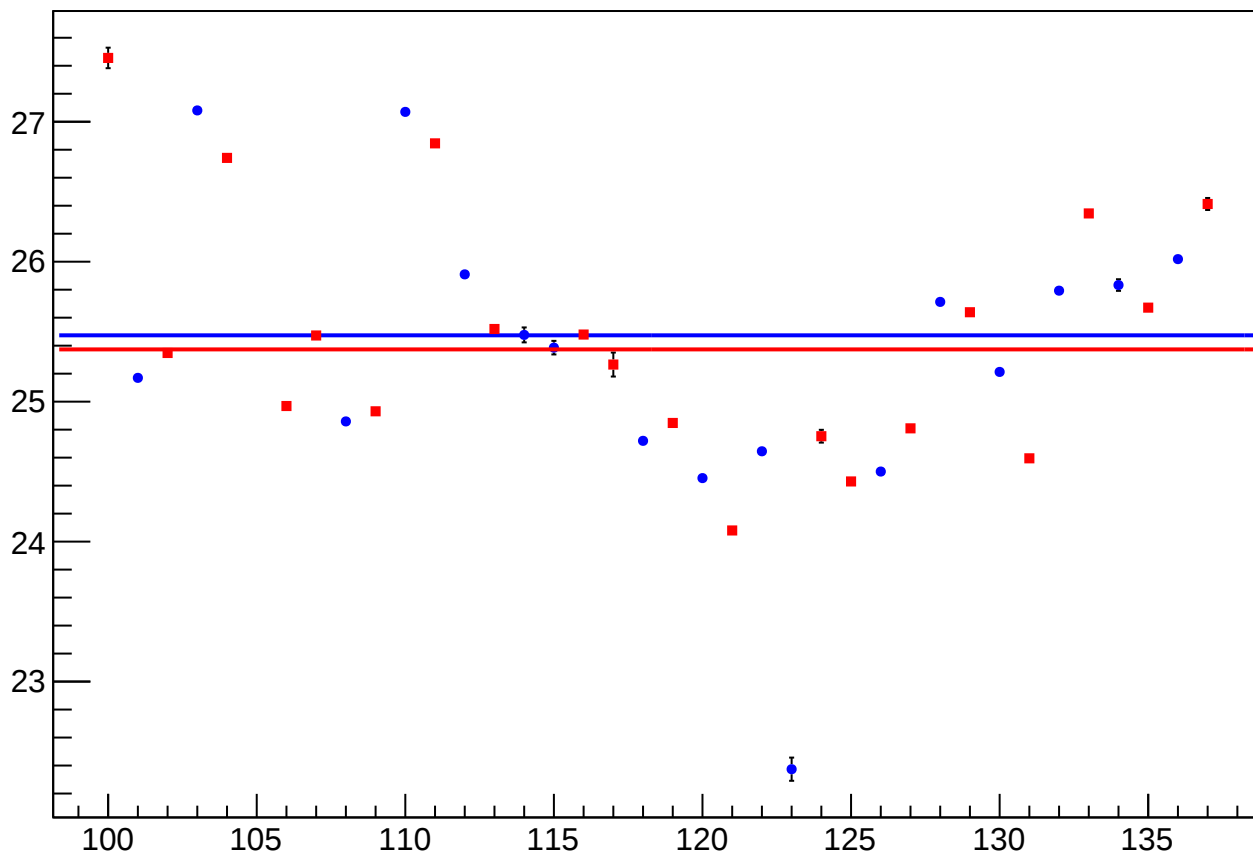
Right Out: -17.869+/-9.468 χ^2/NDF : 20.0/19

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

2.178+/-9.825 χ^2/NDF : 15.4/16

-17.869+/-9.468 χ^2/NDF : 20.0/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.474 $\pm$ 0.007 χ^2 /NDF: 14061.2/16

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

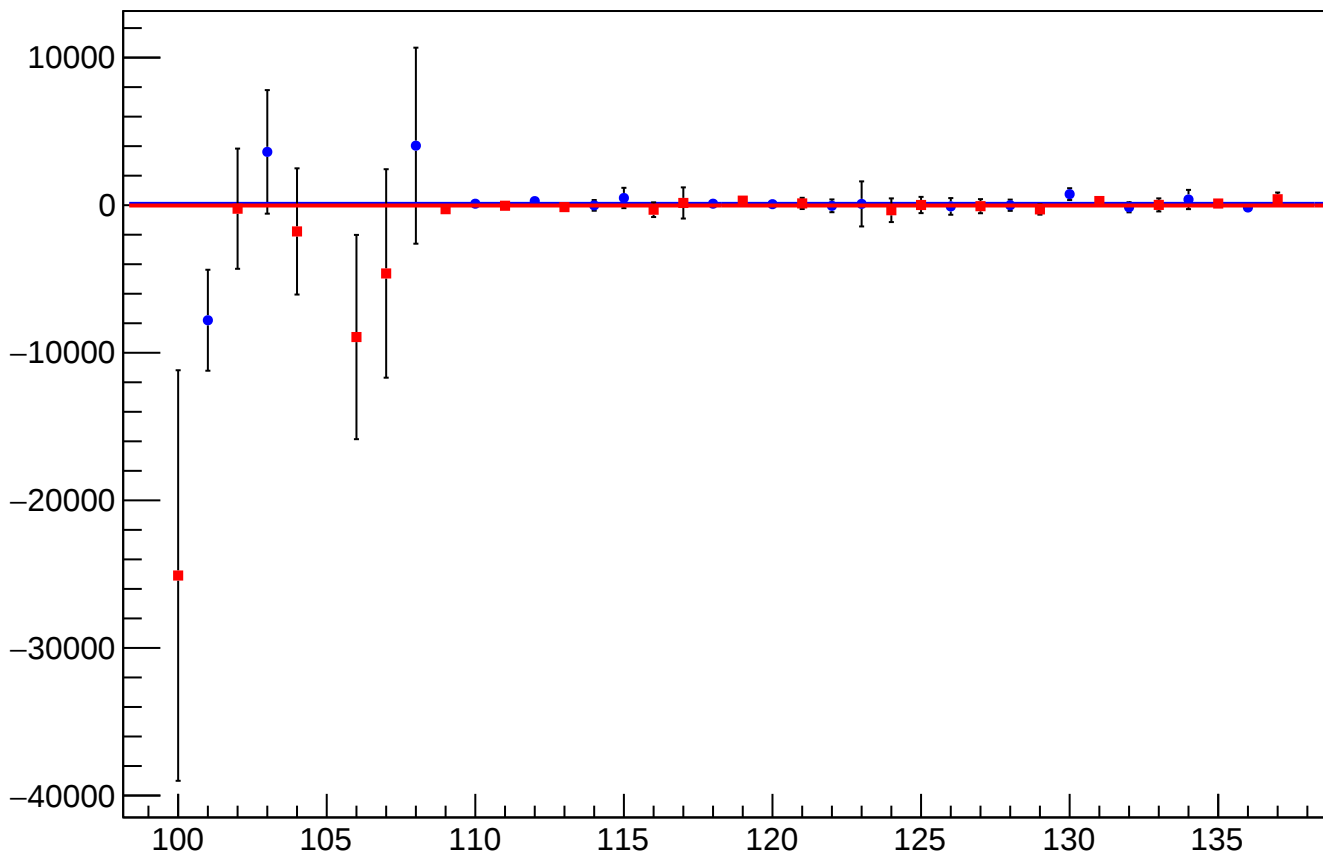
Right Out: 25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

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

25.474 $\pm$ 0.007 χ^2 /NDF: 14061.2/16

25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 89.619+/-87.630 χ^2/NDF : 12.3/16

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

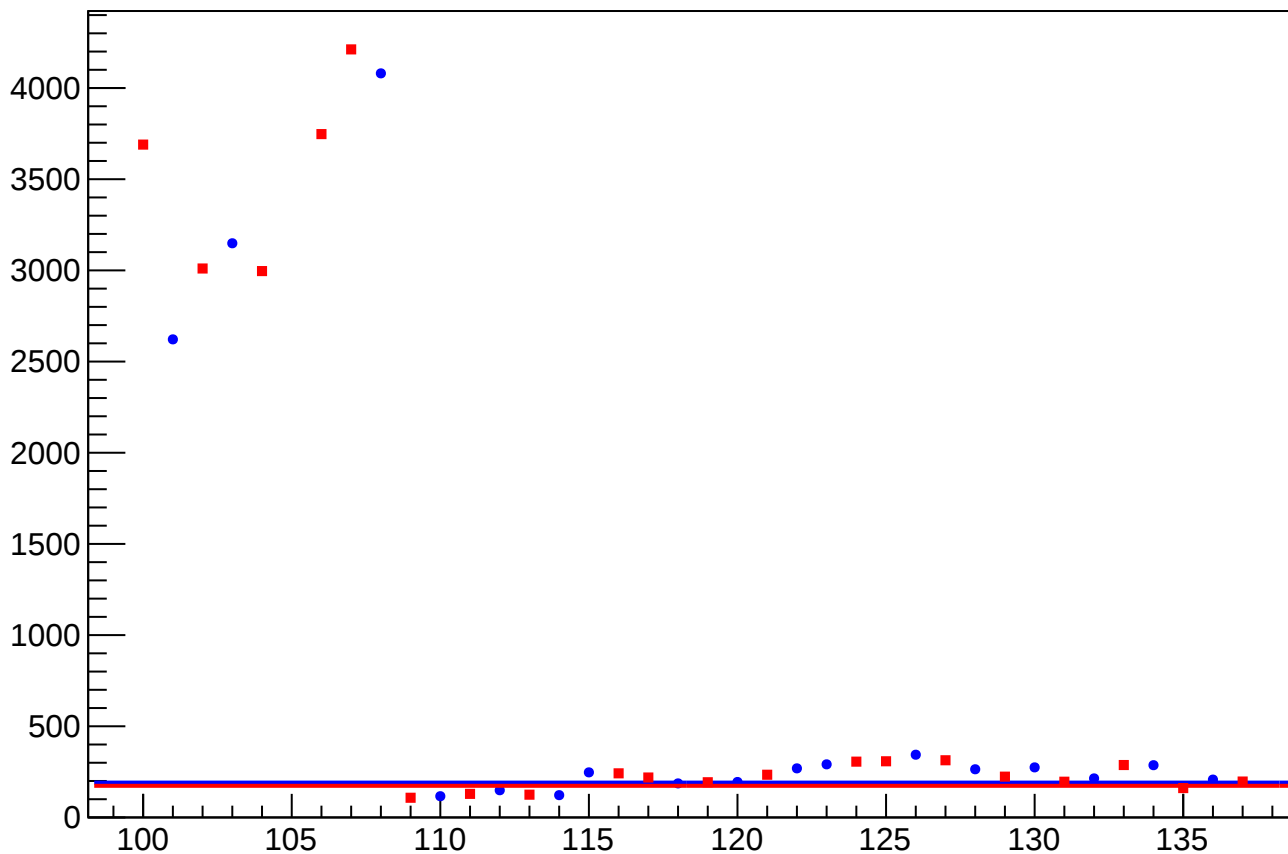
Right Out: -21.600+/-80.665 χ^2/NDF : 11.9/19

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

89.619+/-87.630 χ^2/NDF : 12.3/16

-21.600+/-80.665 χ^2/NDF : 11.9/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



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

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

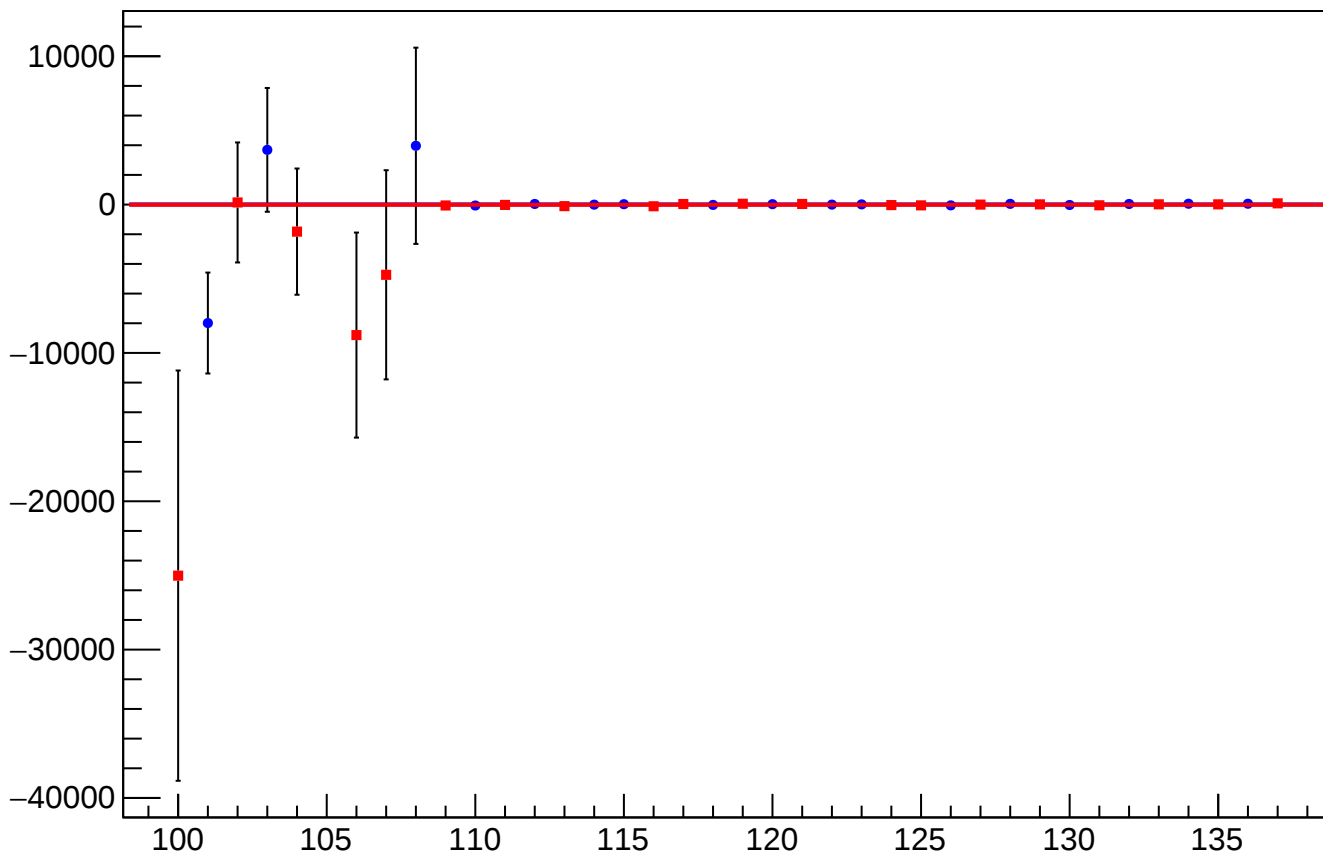
Right Out: 173.536+/-0.057 χ^2/NDF : 4210933.2/19

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

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

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

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.398+/-12.190 χ^2 /NDF: 18.3/16

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

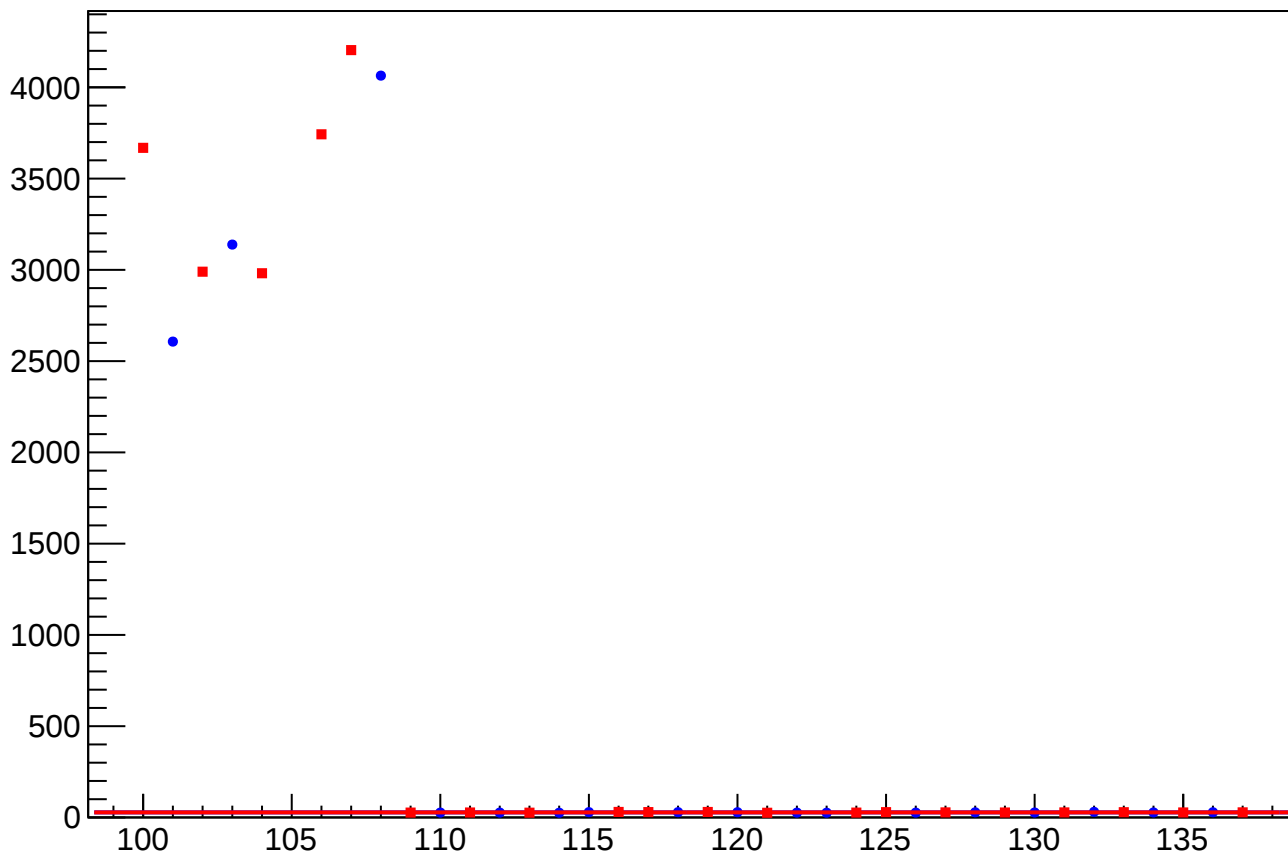
Right Out: -12.573+/-12.182 χ^2 /NDF: 24.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

10.398+/-12.190 χ^2 /NDF: 18.3/16

-12.573+/-12.182 χ^2 /NDF: 24.5/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.837+/-0.009 χ^2/NDF : 3026887.2/16

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

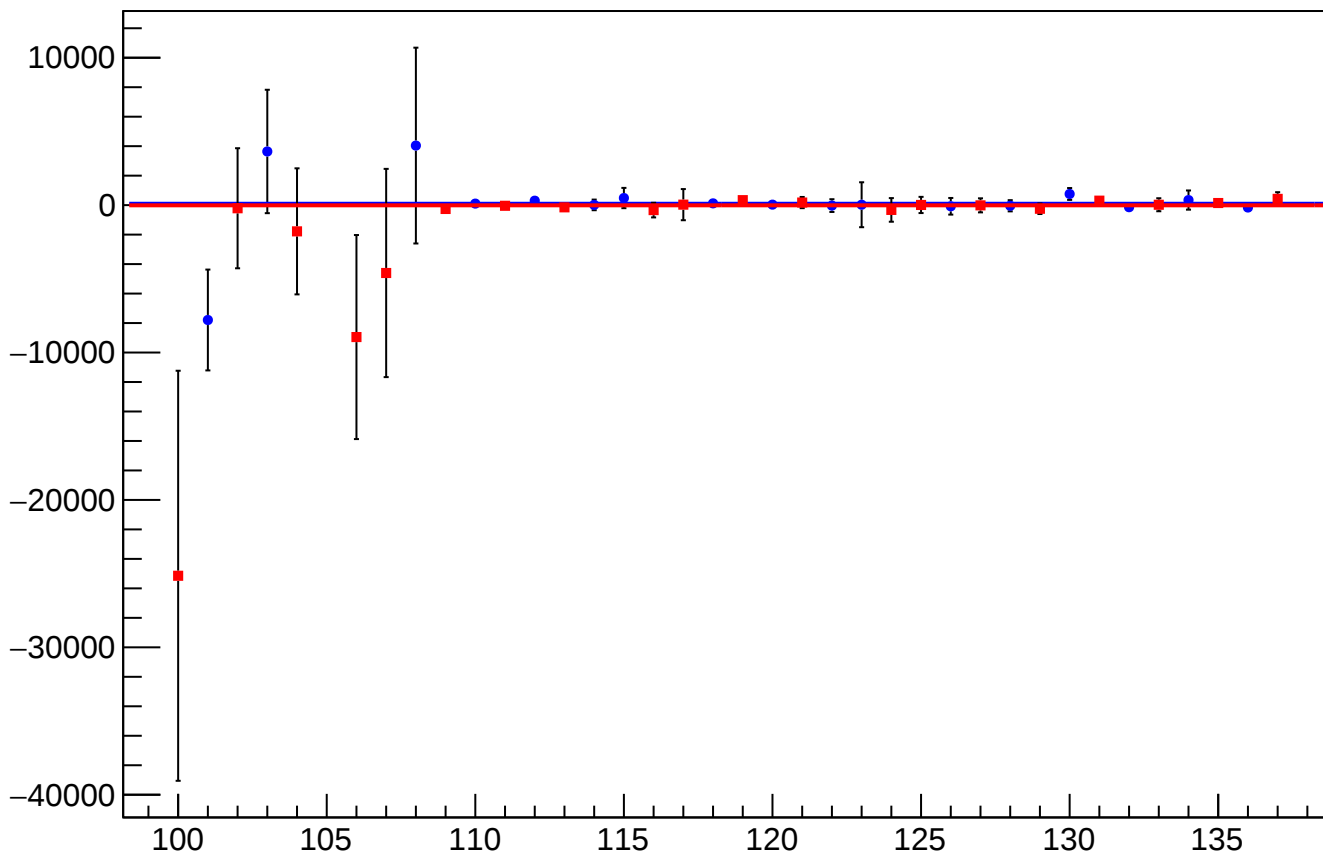
Right Out: 27.706+/-0.009 χ^2/NDF : 3477080.4/19

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

27.837+/-0.009 χ^2/NDF : 3026887.2/16

27.706+/-0.009 χ^2/NDF : 3477080.4/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 92.840+/-87.359 χ^2/NDF : 12.6/16

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

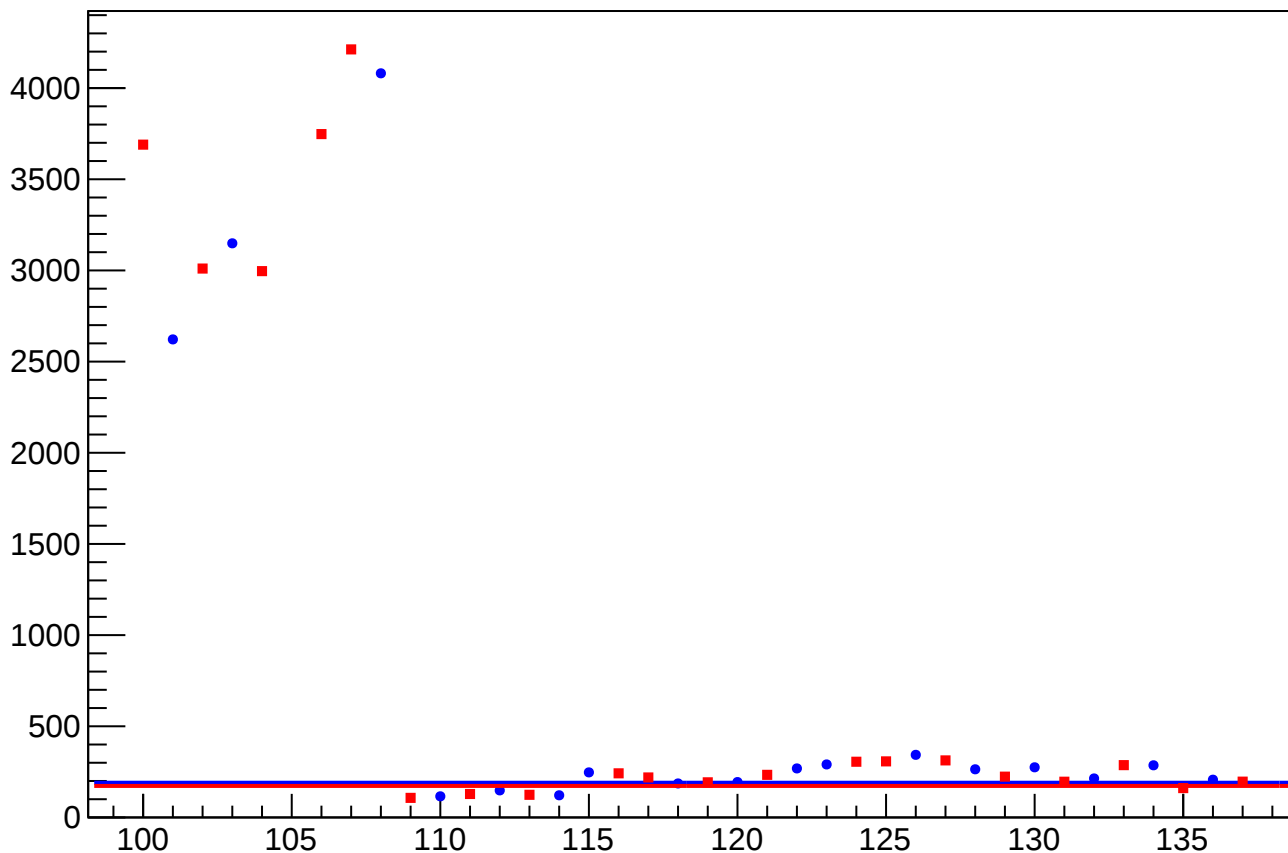
Right Out: -12.509+/-80.407 χ^2/NDF : 12.7/19

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

92.840+/-87.359 χ^2/NDF : 12.6/16

-12.509+/-80.407 χ^2/NDF : 12.7/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



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

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

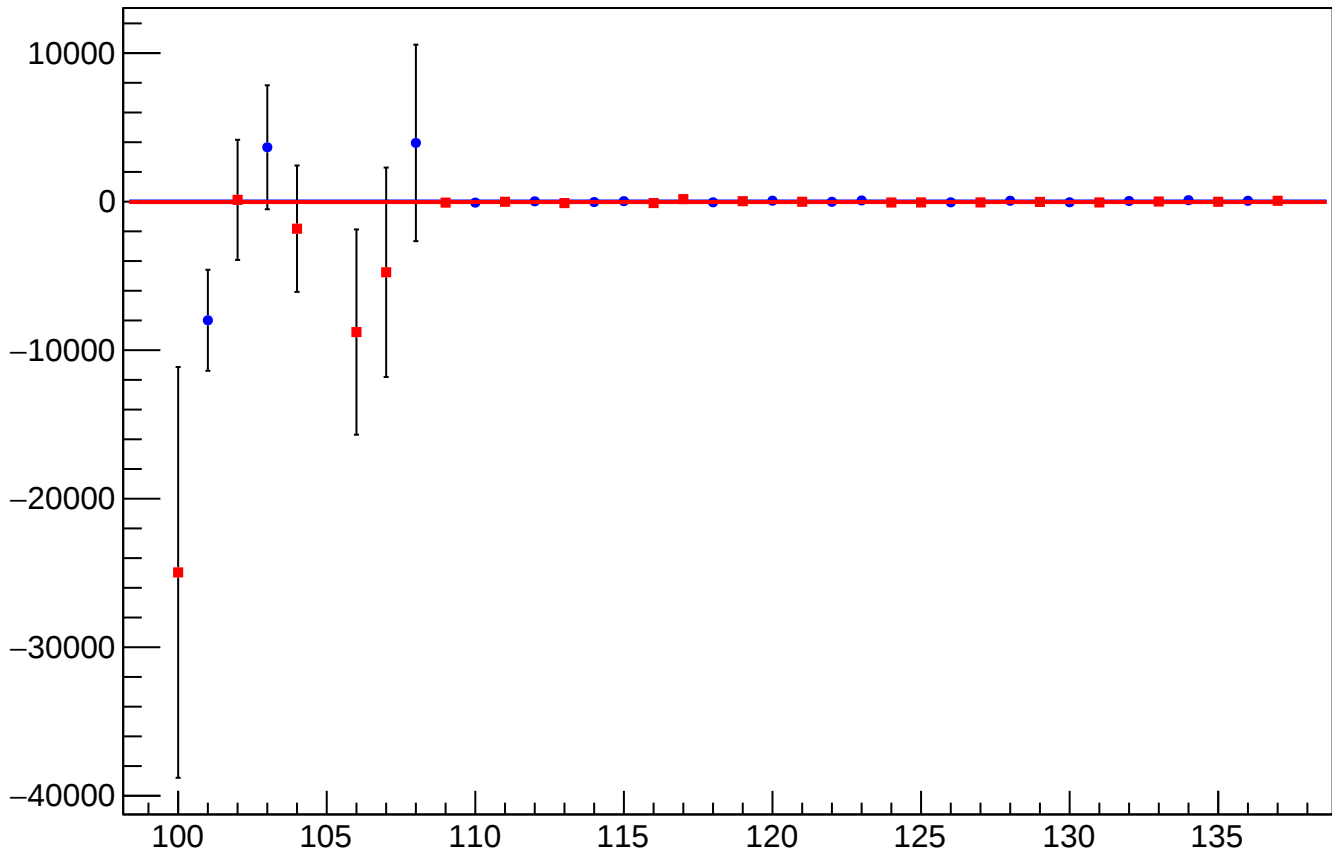
Right Out: 172.872+/-0.057 χ^2/NDF : 4222275.2/19

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

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

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 9.600+/-12.273 χ^2 /NDF: 23.2/16

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

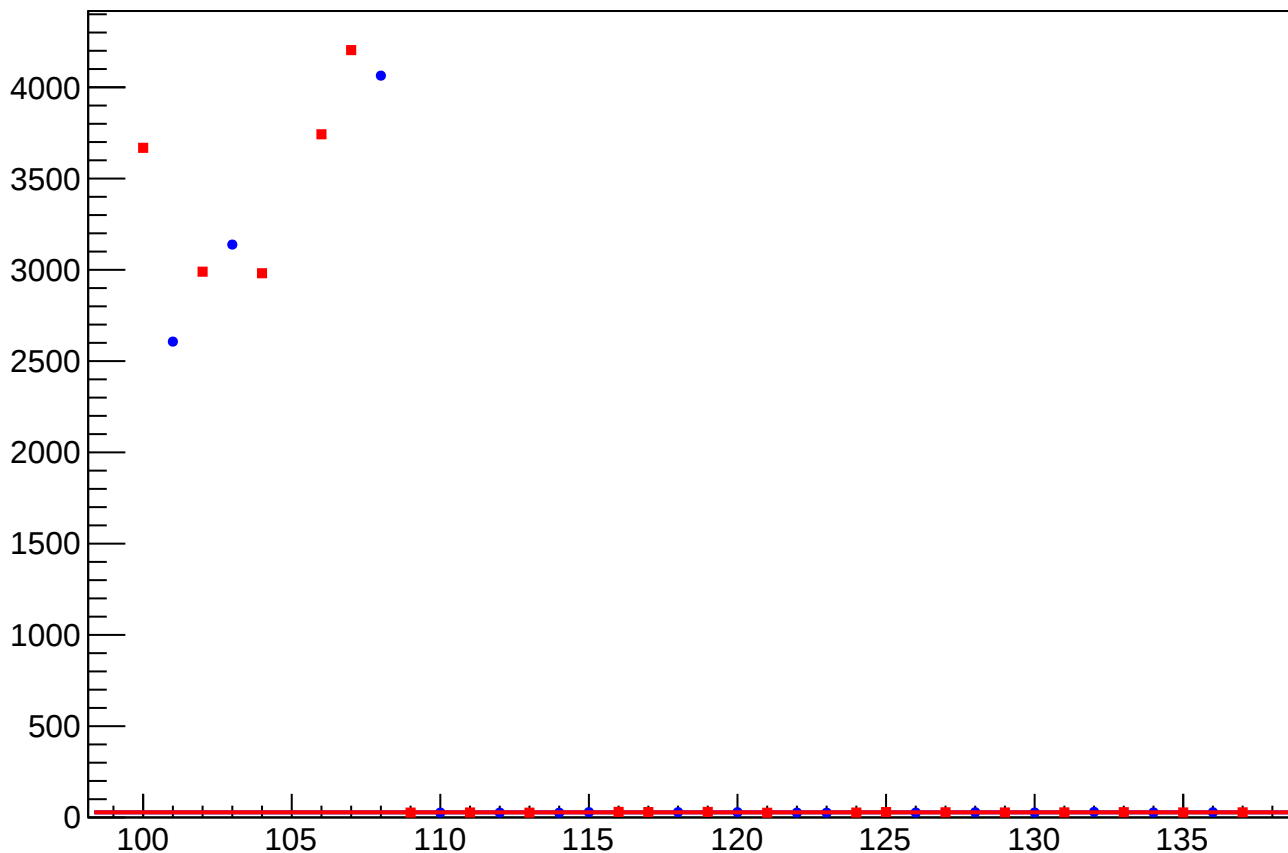
Right Out: -28.128+/-12.282 χ^2 /NDF: 18.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

9.600+/-12.273 χ^2 /NDF: 23.2/16

-28.128+/-12.282 χ^2 /NDF: 18.5/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 28.023+/-0.009 χ^2 /NDF: 3027003.0/16

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

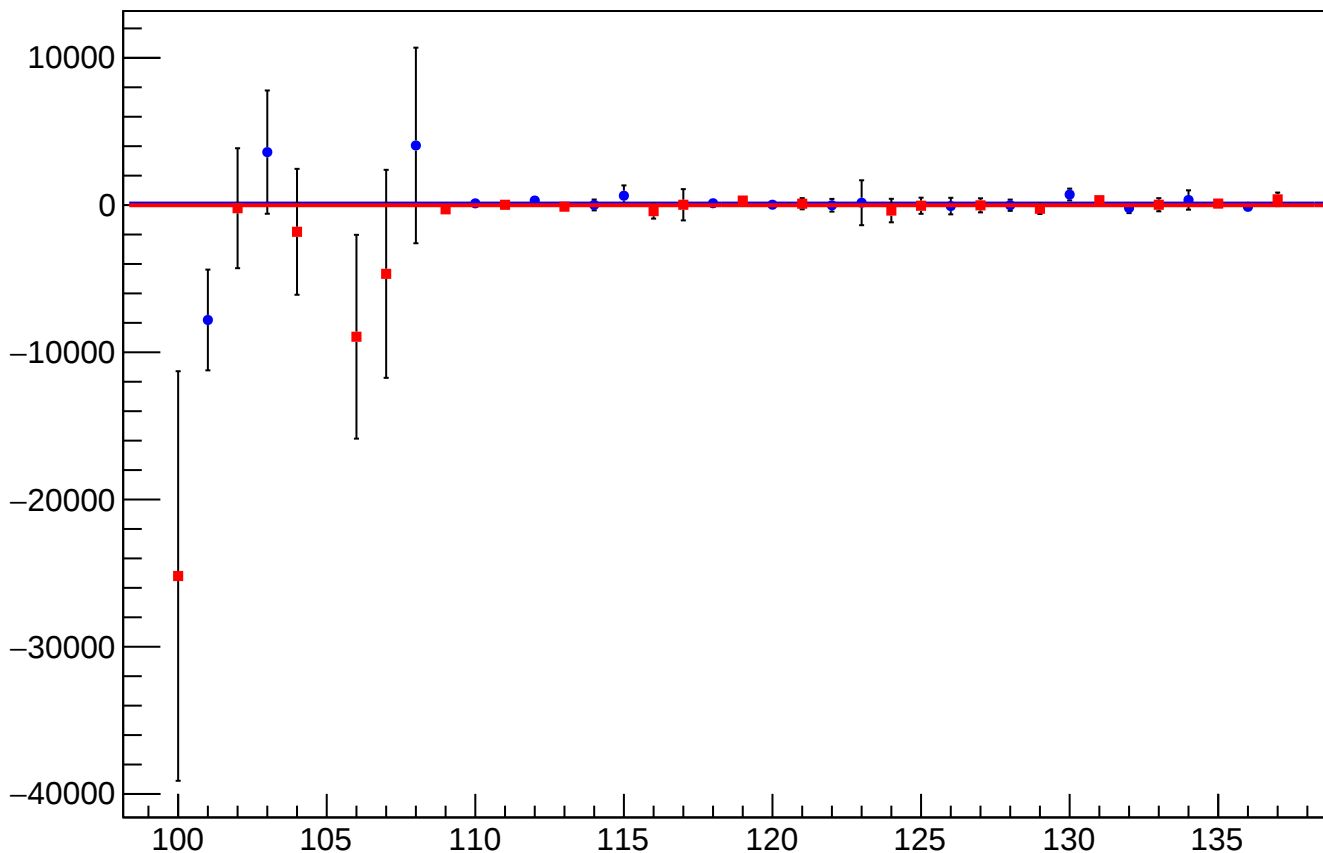
Right Out: 27.929+/-0.009 χ^2 /NDF: 3479867.7/19

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

28.023+/-0.009 χ^2 /NDF: 3027003.0/16

27.929+/-0.009 χ^2 /NDF: 3479867.7/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 101.772+/-88.390 χ^2/NDF : 12.4/16

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

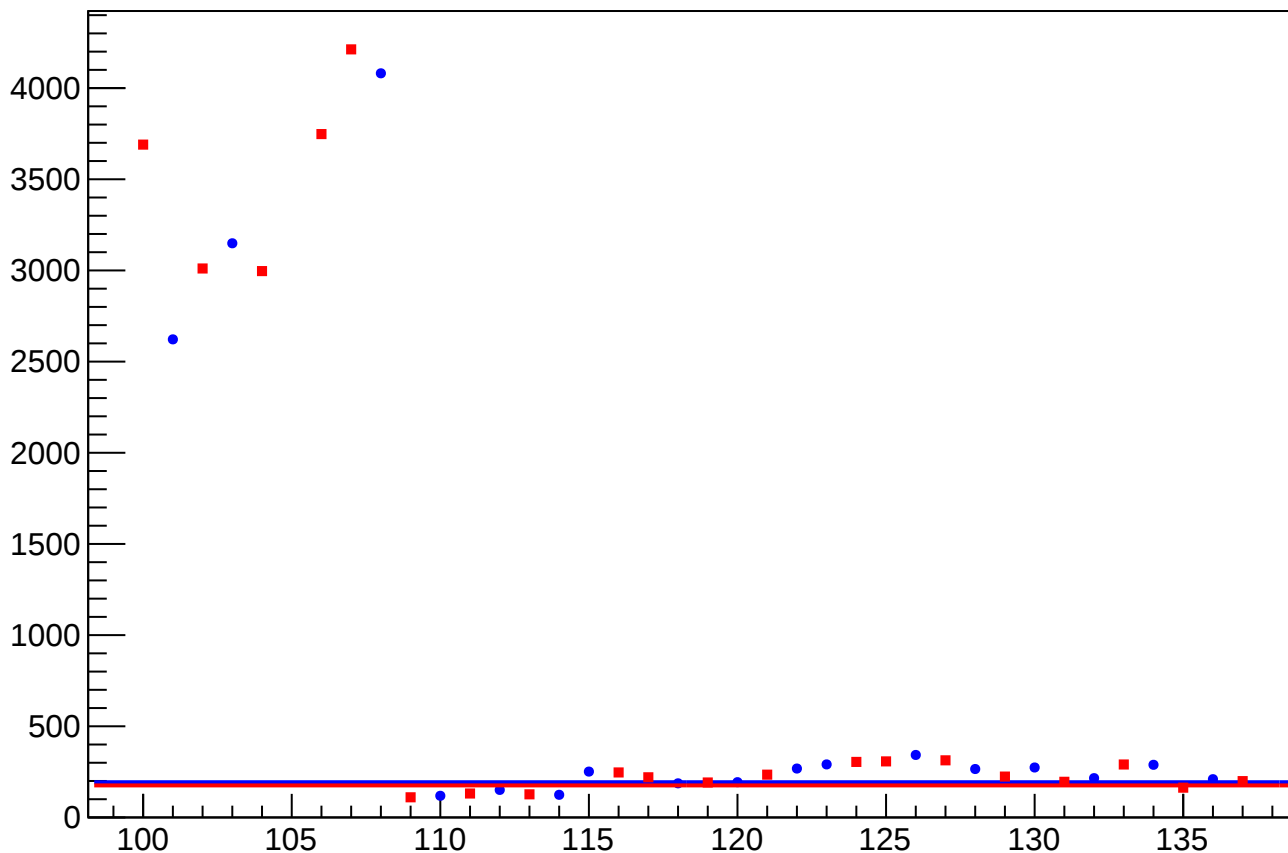
Right Out: -11.037+/-81.486 χ^2/NDF : 12.3/19

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

101.772+/-88.390 χ^2/NDF : 12.4/16

-11.037+/-81.486 χ^2/NDF : 12.3/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



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

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

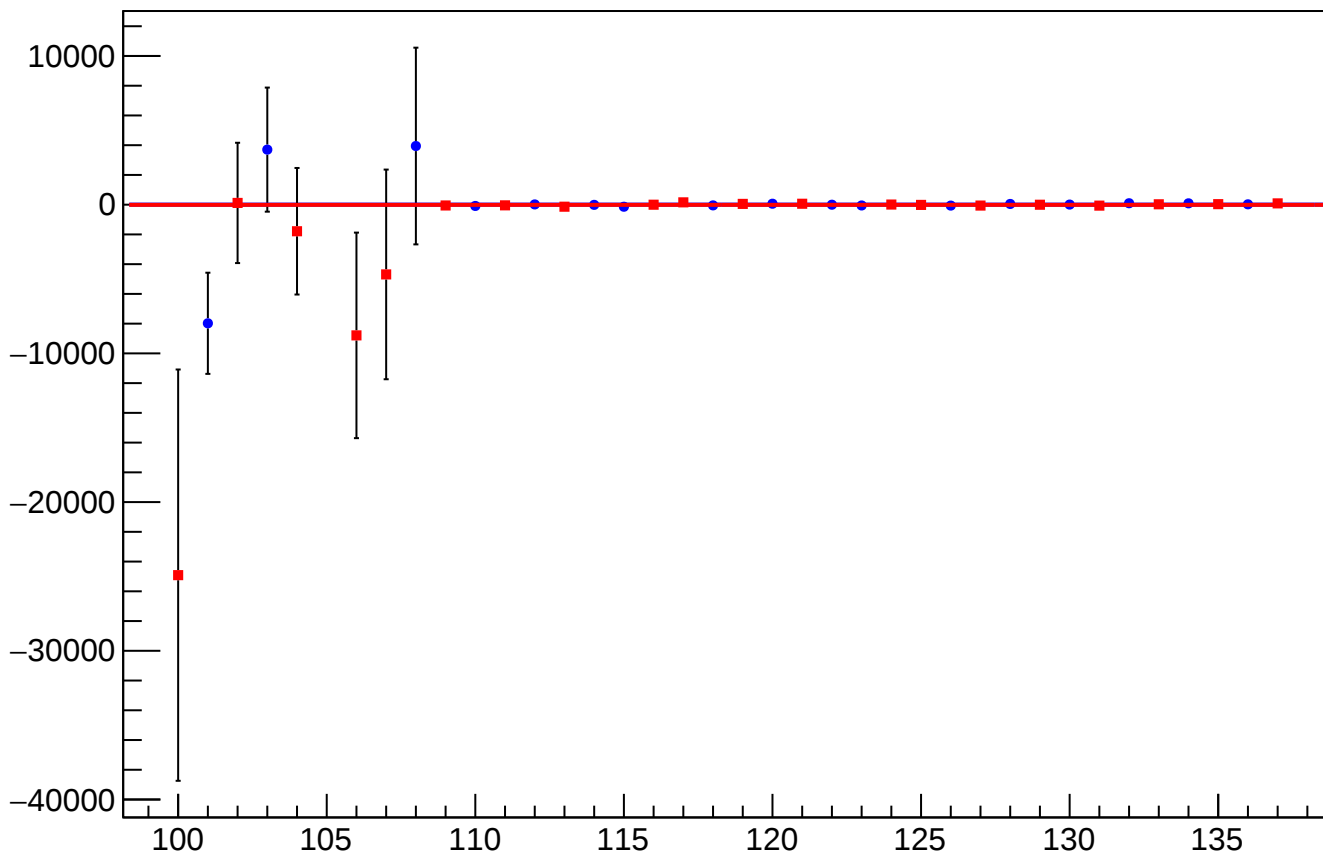
Right Out: 175.749+/-0.058 χ^2/NDF : 4168935.2/19

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

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

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 4.651+/-14.935 χ^2 /NDF: 20.4/16

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

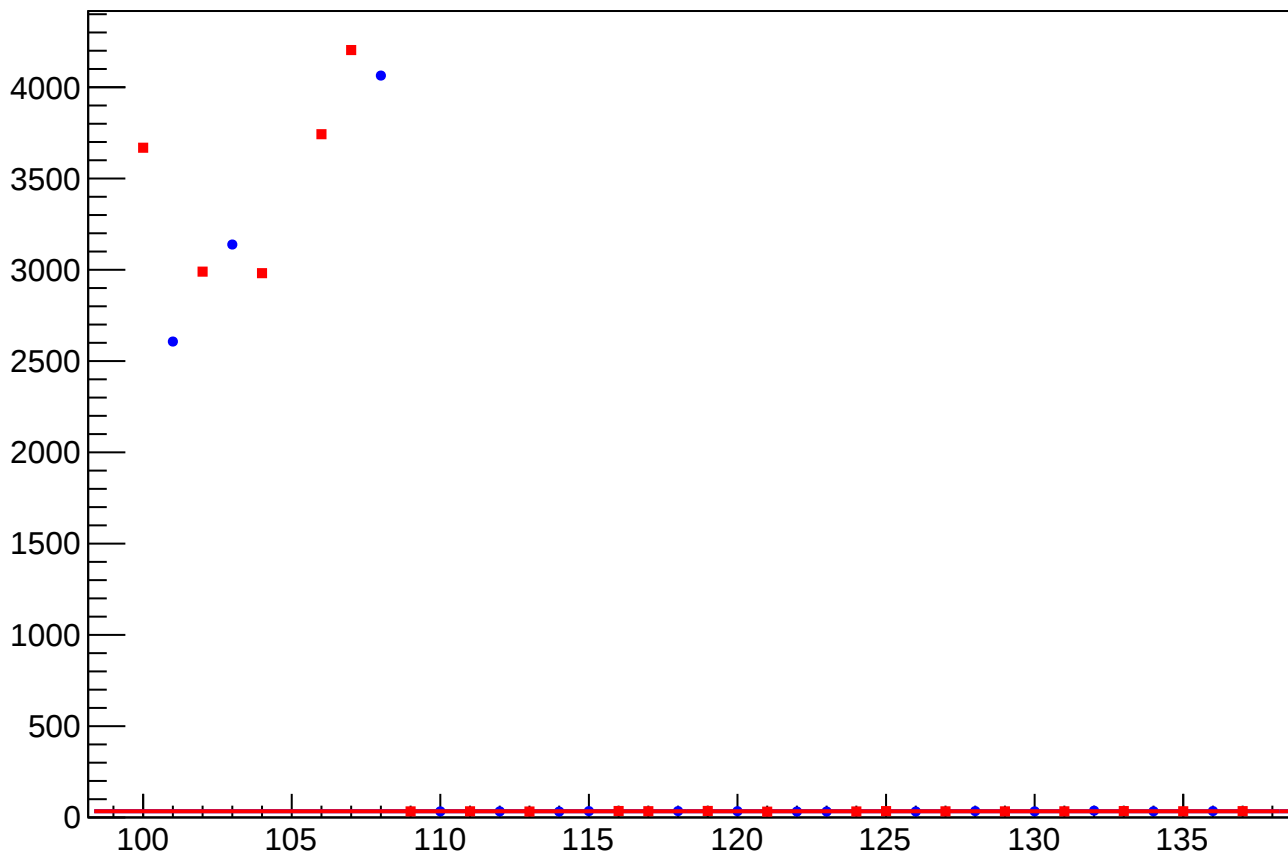
Right Out: -11.101+/-14.886 χ^2 /NDF: 22.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

4.651+/-14.935 χ^2 /NDF: 20.4/16

-11.101+/-14.886 χ^2 /NDF: 22.7/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.137+/-0.011 χ^2/NDF : 3006248.0/16

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

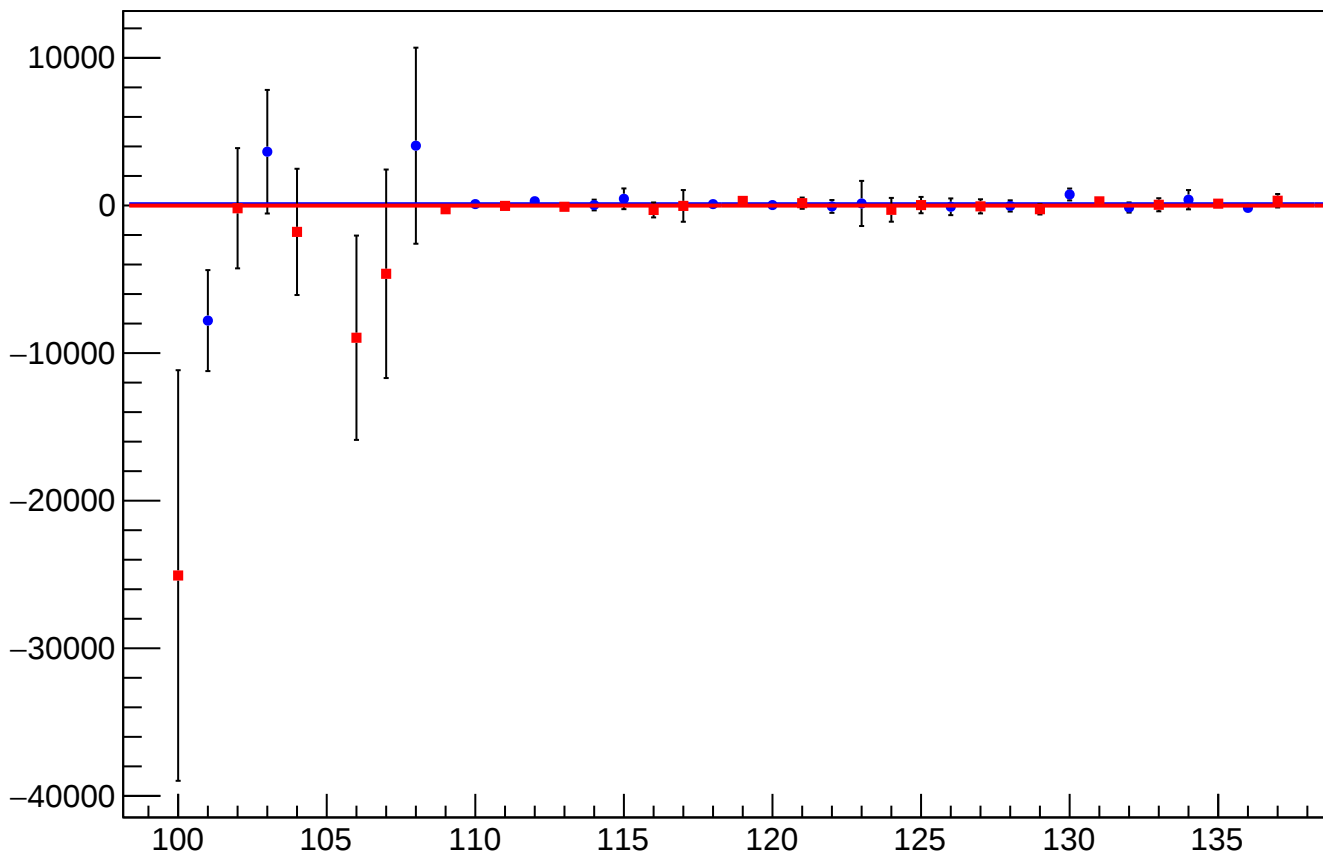
Right Out: 33.915+/-0.011 χ^2/NDF : 3451897.1/19

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

34.137+/-0.011 χ^2/NDF : 3006248.0/16

33.915+/-0.011 χ^2/NDF : 3451897.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 86.041+/-87.947 χ^2/NDF : 12.4/16

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

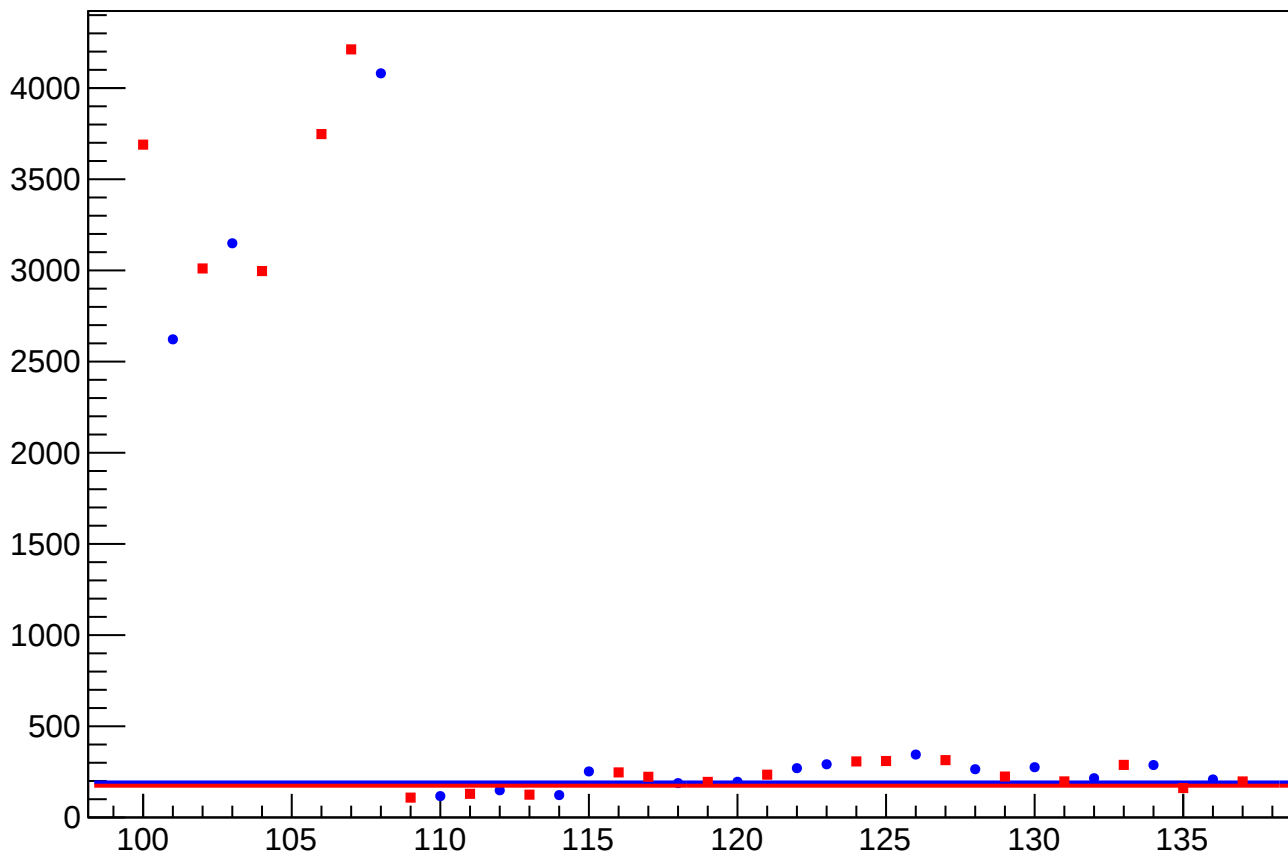
Right Out: -7.420+/-80.977 χ^2/NDF : 11.1/19

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

86.041+/-87.947 χ^2/NDF : 12.4/16

-7.420+/-80.977 χ^2/NDF : 11.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



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

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

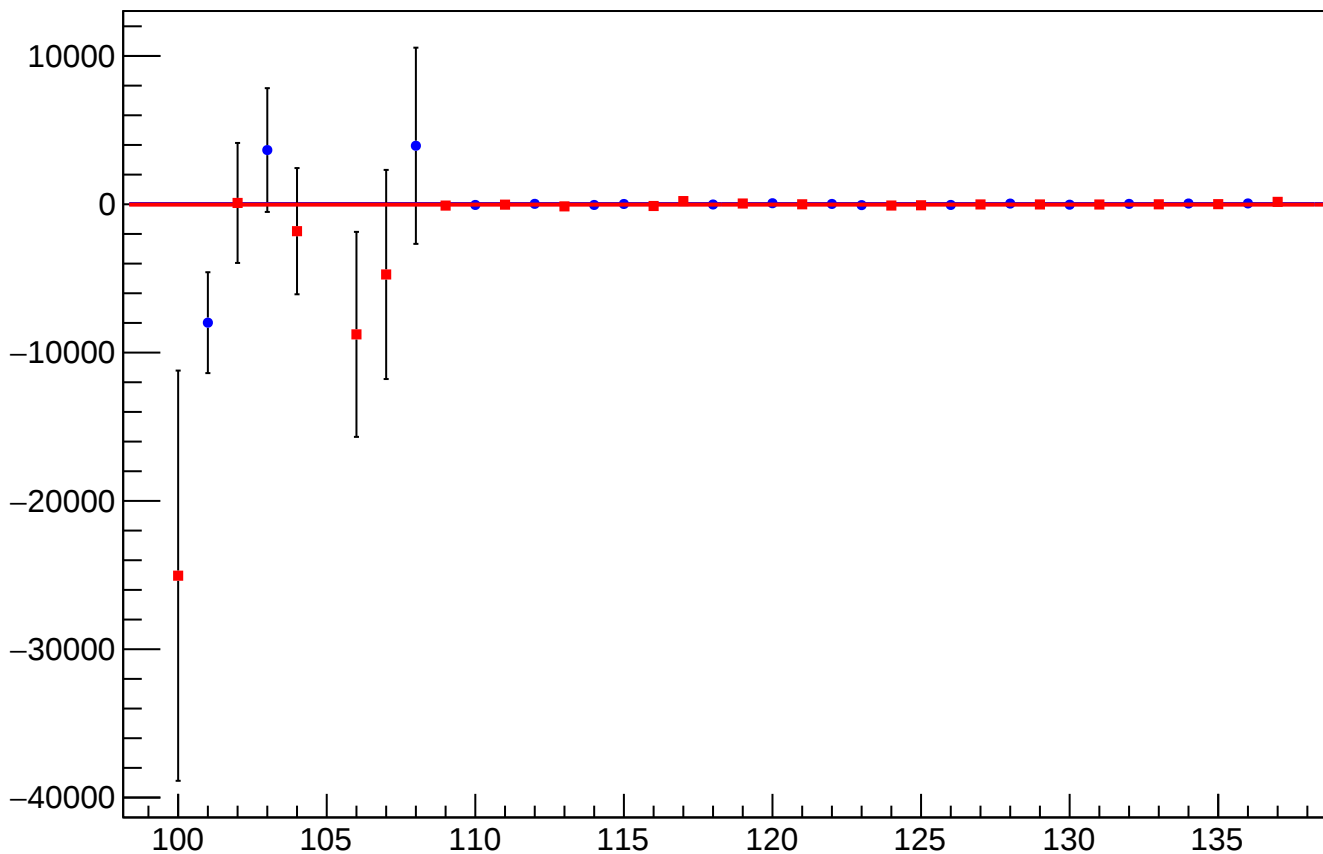
Right Out: 174.207+/-0.057 χ^2/NDF : 4215538.3/19

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

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

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 14.121+/-13.618 χ^2/NDF : 15.2/16

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

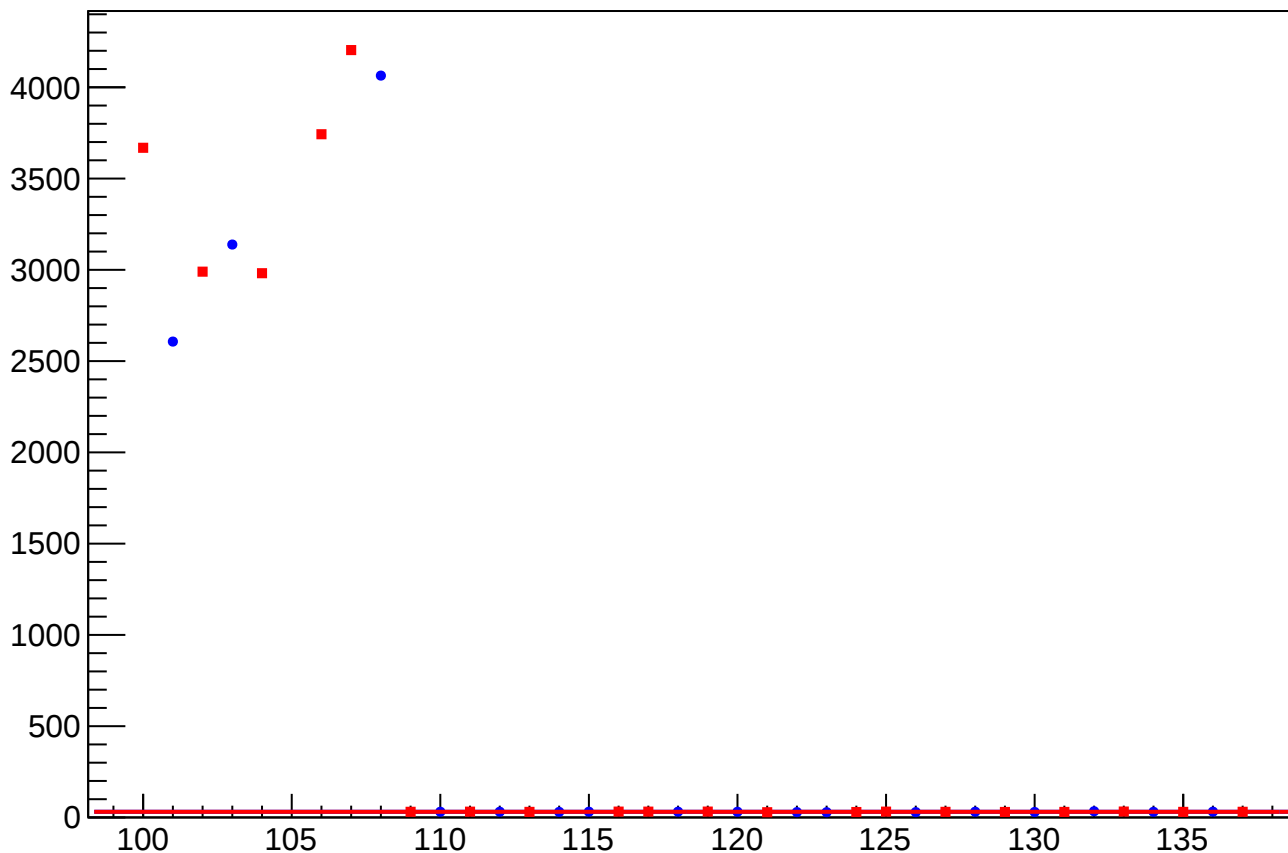
Right Out: -21.490+/-13.601 χ^2/NDF : 29.9/19

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

14.121+/-13.618 χ^2/NDF : 15.2/16

-21.490+/-13.601 χ^2/NDF : 29.9/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.127+/-0.010 χ^2/NDF : 3014425.9/16

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

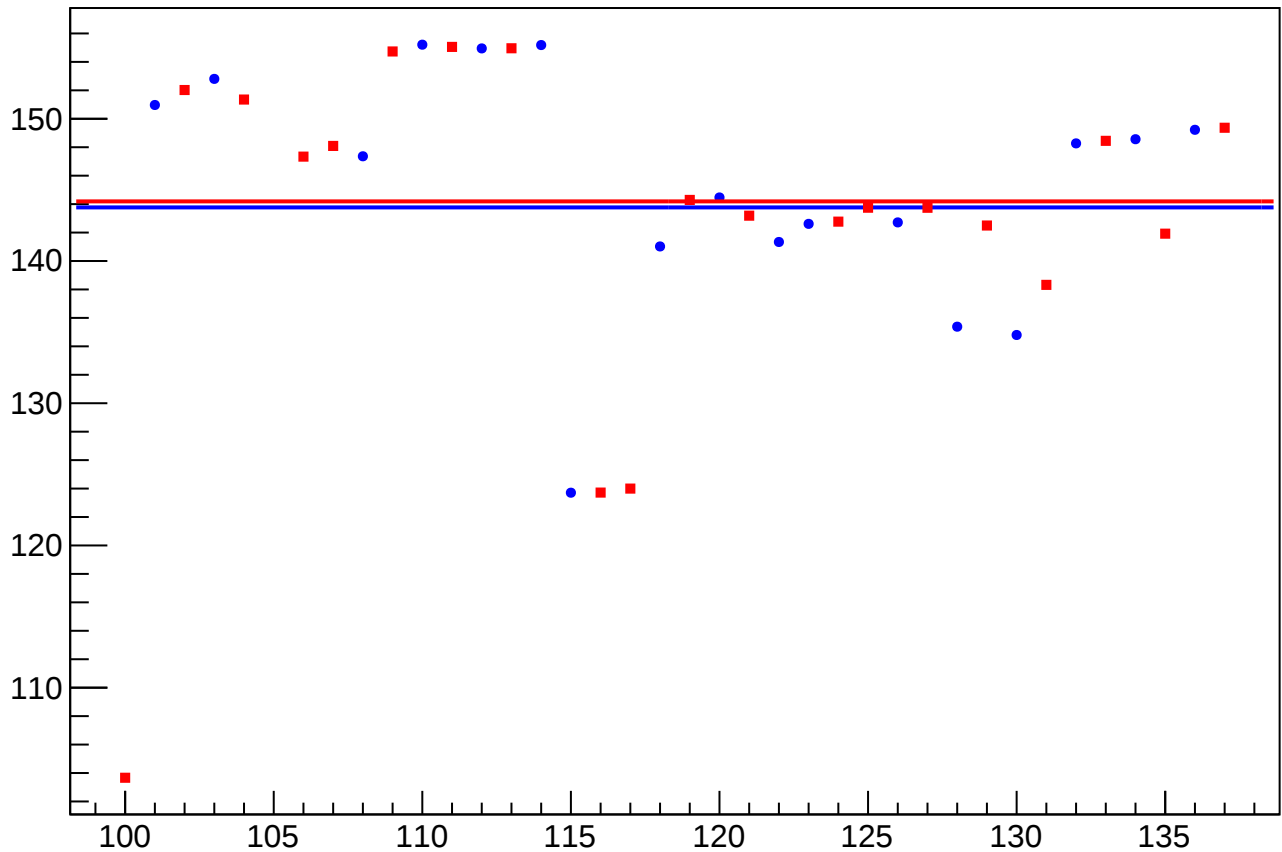
Right Out: 30.970+/-0.010 χ^2/NDF : 3459018.8/19

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

31.127+/-0.010 χ^2/NDF : 3014425.9/16

30.970+/-0.010 χ^2/NDF : 3459018.8/19

yield_bcm_an_ds_mean vs Slug



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

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

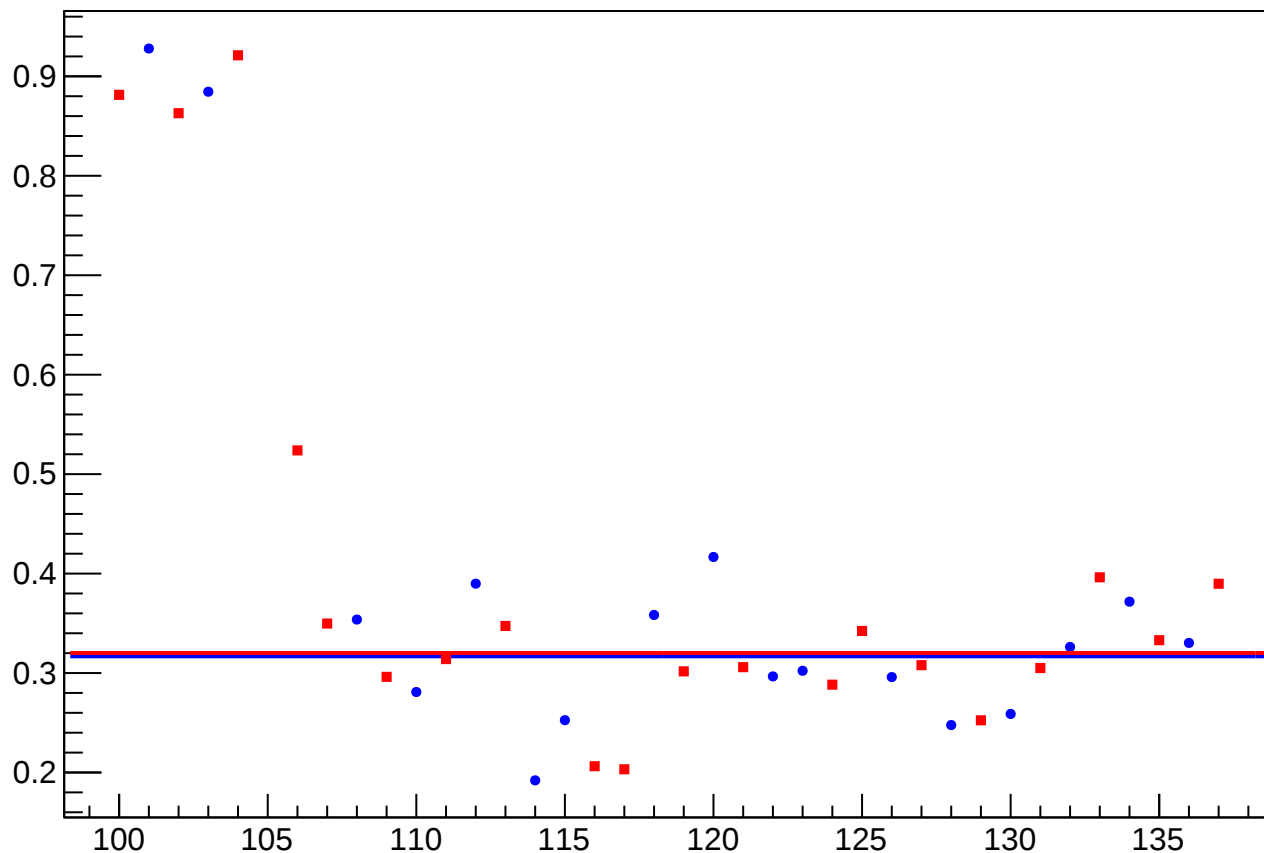
143.768+/-0.000 χ^2/NDF : 3532173868.5/16

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

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

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

yield_bcm_an_ds_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1278613.2/16

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

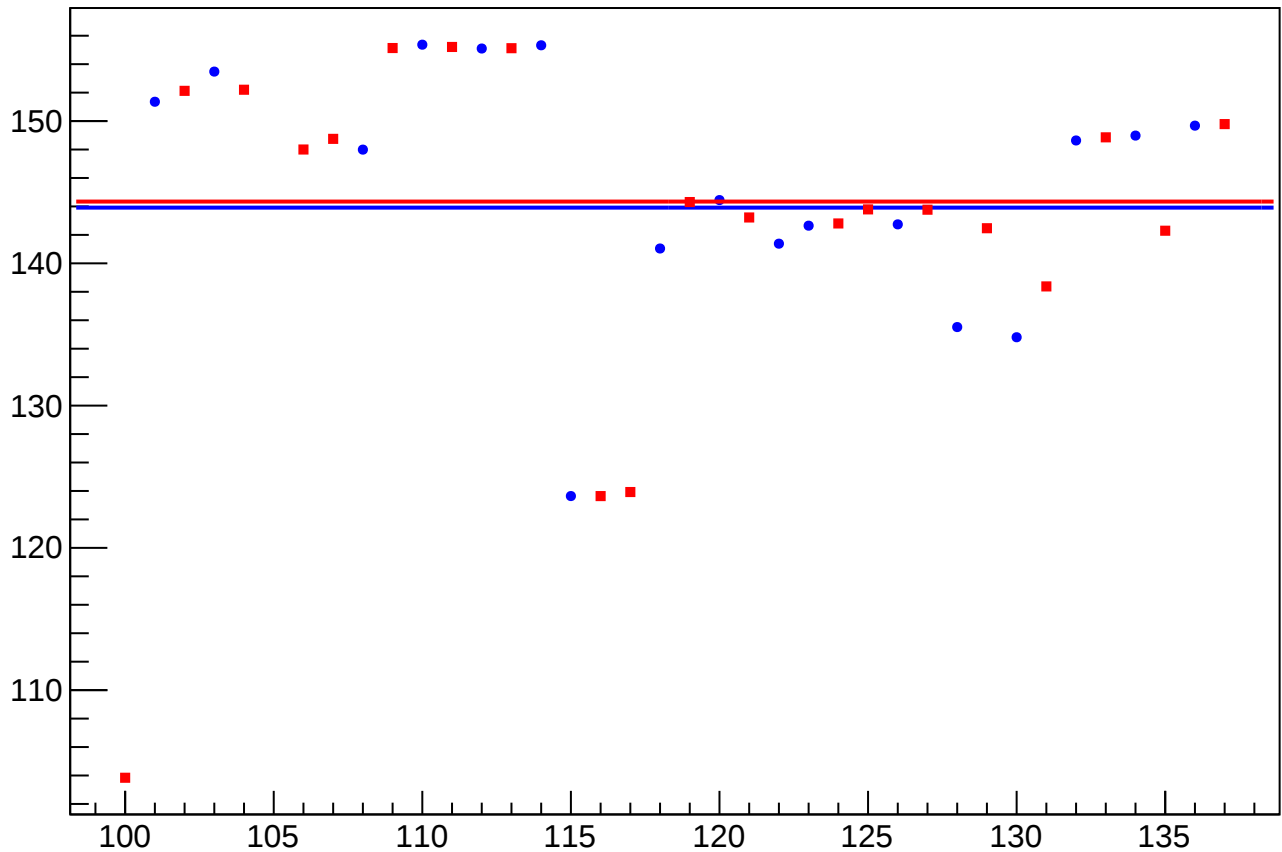
Right Out: 0.320+/-0.000 χ^2/NDF : 1240600.2/19

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

0.317+/-0.000 χ^2/NDF : 1278613.2/16

0.320+/-0.000 χ^2/NDF : 1240600.2/19

yield_bcm_an_ds3_mean vs Slug



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

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

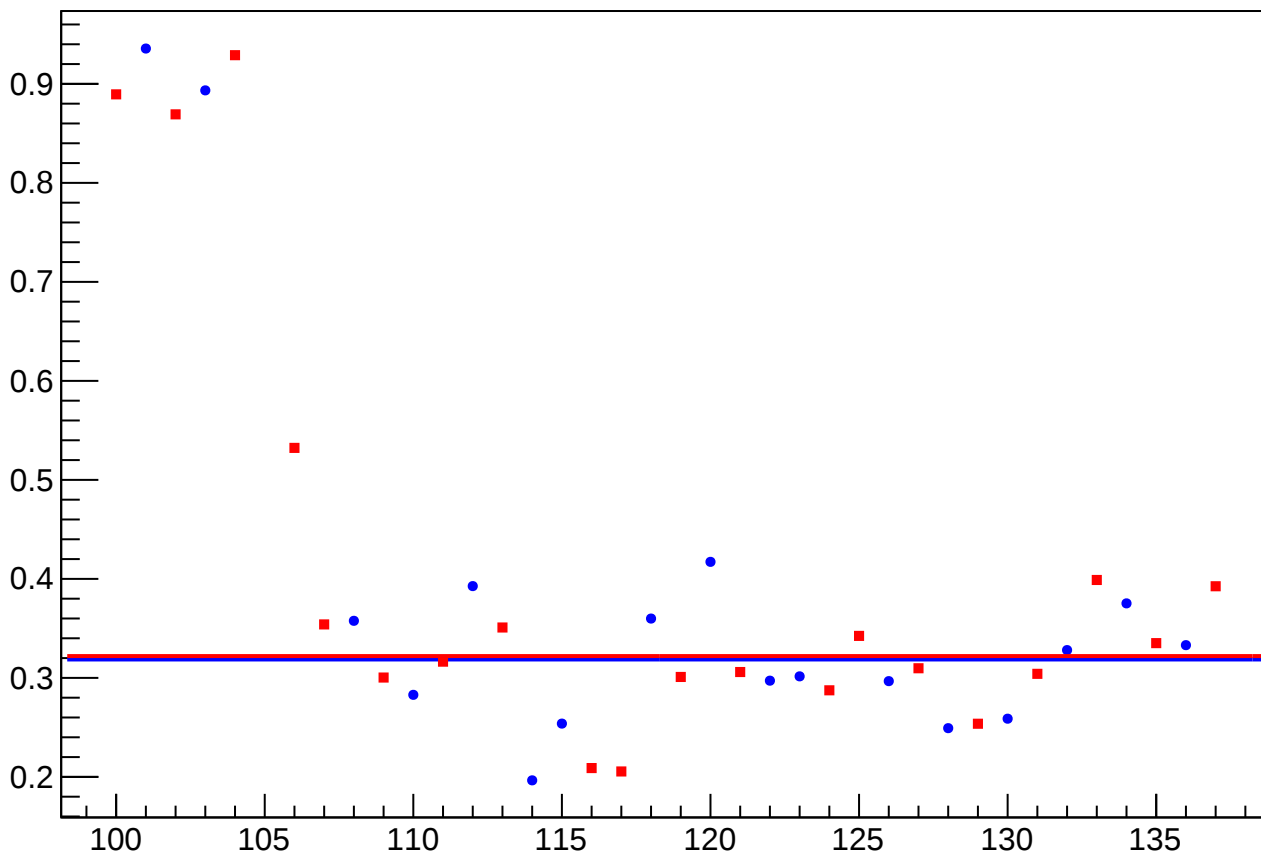
Right Out: 144.342+/-0.000 χ^2/NDF : 4551365931.0/19

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

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

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

yield_bcm_an_ds3_rms vs Slug



Right In: 0.319+/-0.000 χ^2/NDF : 1280748.9/16

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

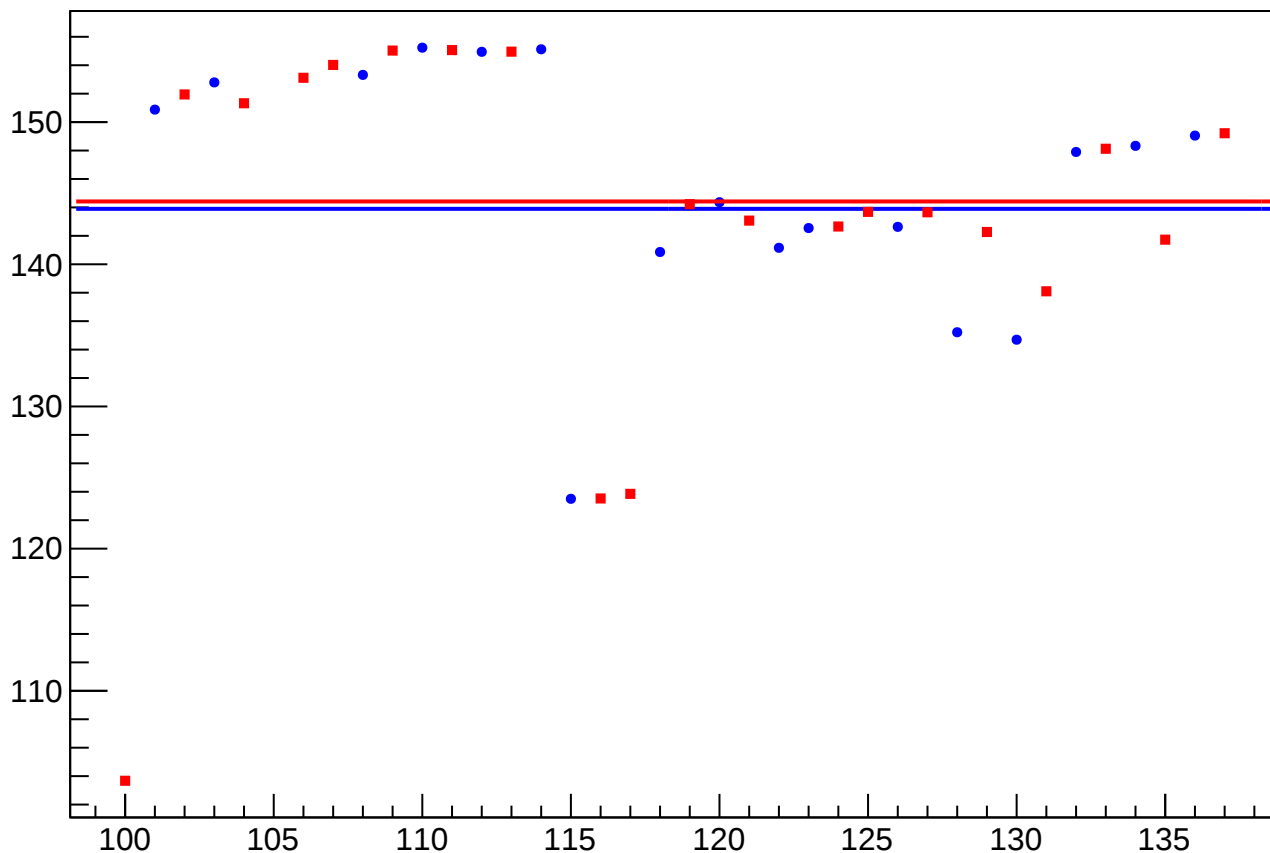
Right Out: 0.322+/-0.000 χ^2/NDF : 1243109.0/19

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

0.319+/-0.000 χ^2/NDF : 1280748.9/16

0.322+/-0.000 χ^2/NDF : 1243109.0/19

yield_bcm_an_us_mean vs Slug



Right In: 143.899 $\pm$ 0.000 χ^2 /NDF: 3749888331.0/16

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

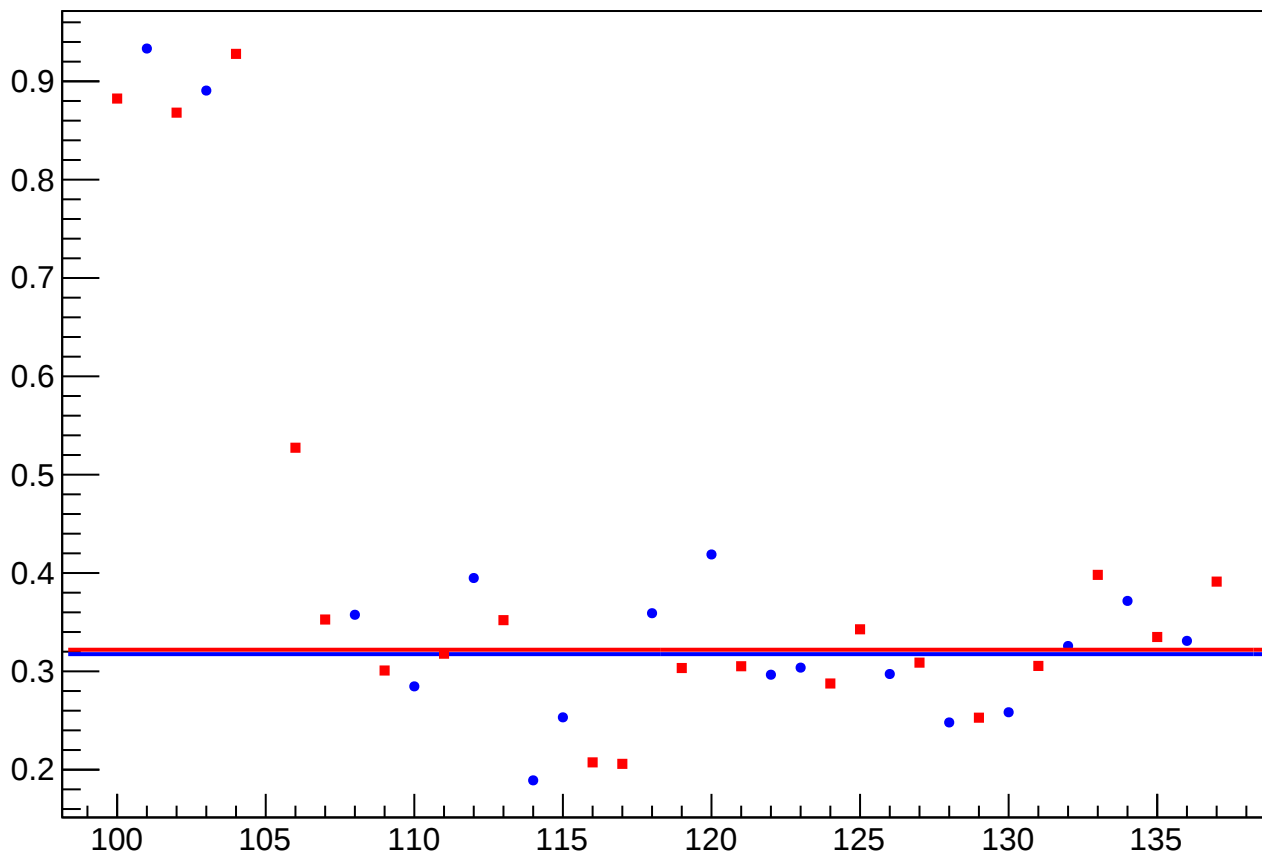
Right Out: 144.419 $\pm$ 0.000 χ^2 /NDF: 4820290476.6/19

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

143.899 $\pm$ 0.000 χ^2 /NDF: 3749888331.0/16

144.419 $\pm$ 0.000 χ^2 /NDF: 4820290476.6/19

yield_bcm_an_us_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1293179.2/16

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

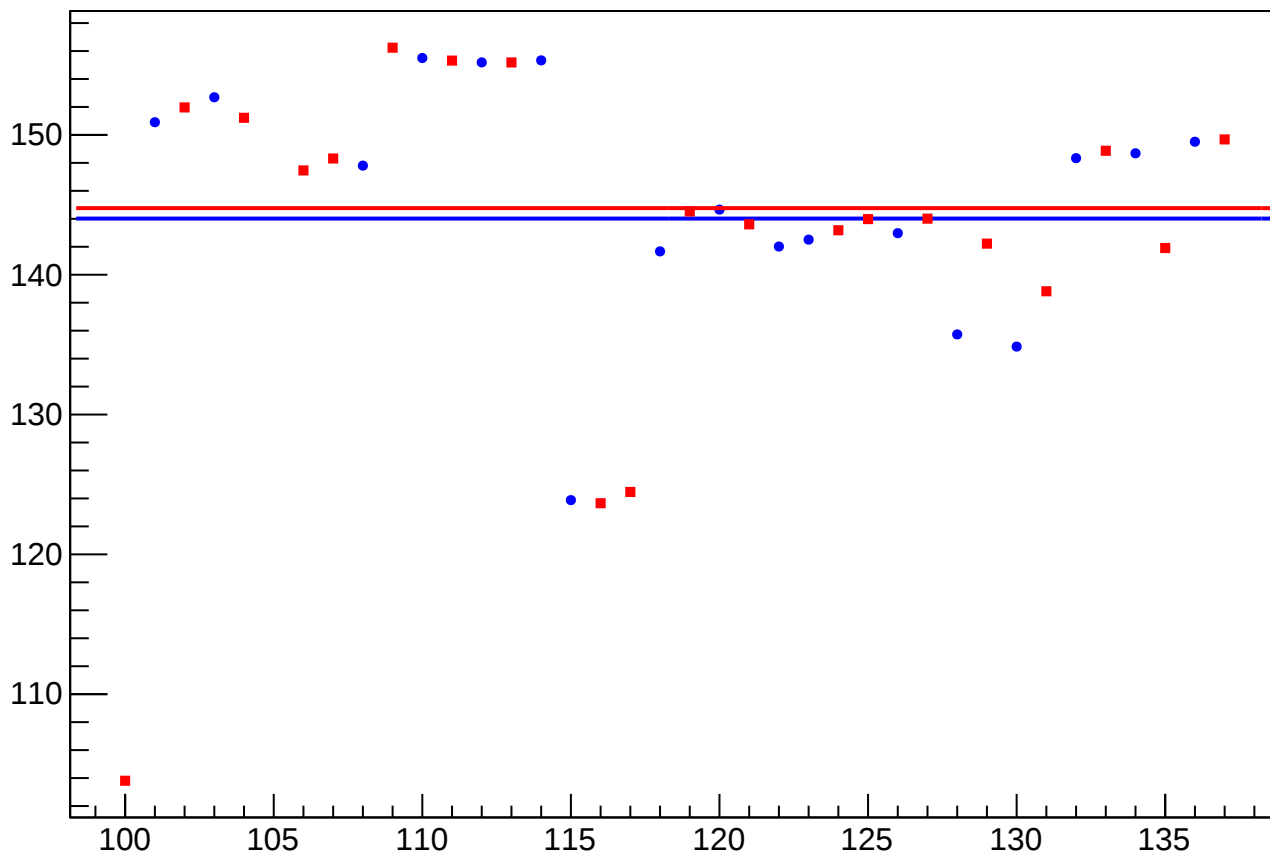
Right Out: 0.322+/-0.000 χ^2/NDF : 1243703.4/19

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

0.317+/-0.000 χ^2/NDF : 1293179.2/16

0.322+/-0.000 χ^2/NDF : 1243703.4/19

yield_bcm_dg_us_mean vs Slug



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

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

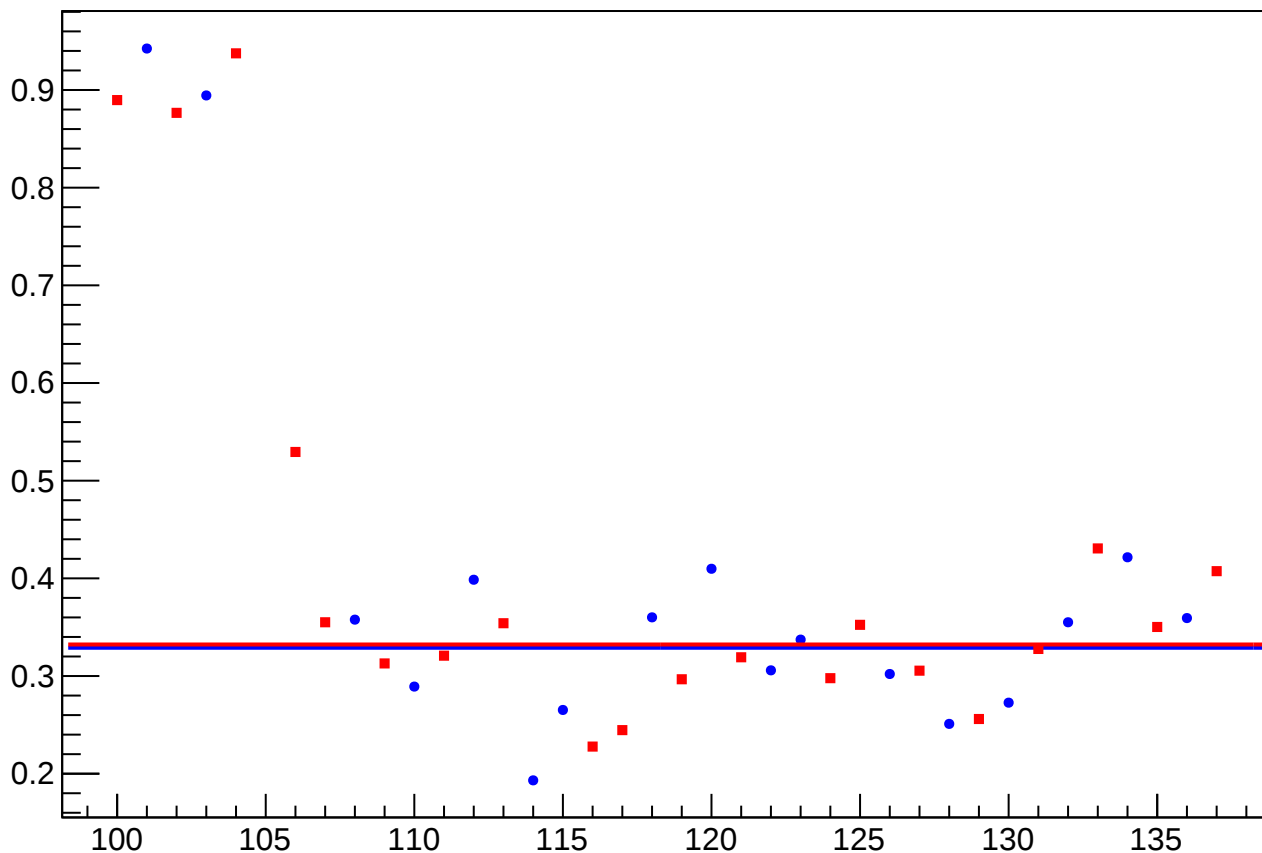
Right Out: 144.764+/-0.000 χ^2/NDF : 4098462011.9/19

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

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

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

yield_bcm_dg_us_rms vs Slug



Right In: 0.329+/-0.000 χ^2/NDF : 1276118.3/16

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

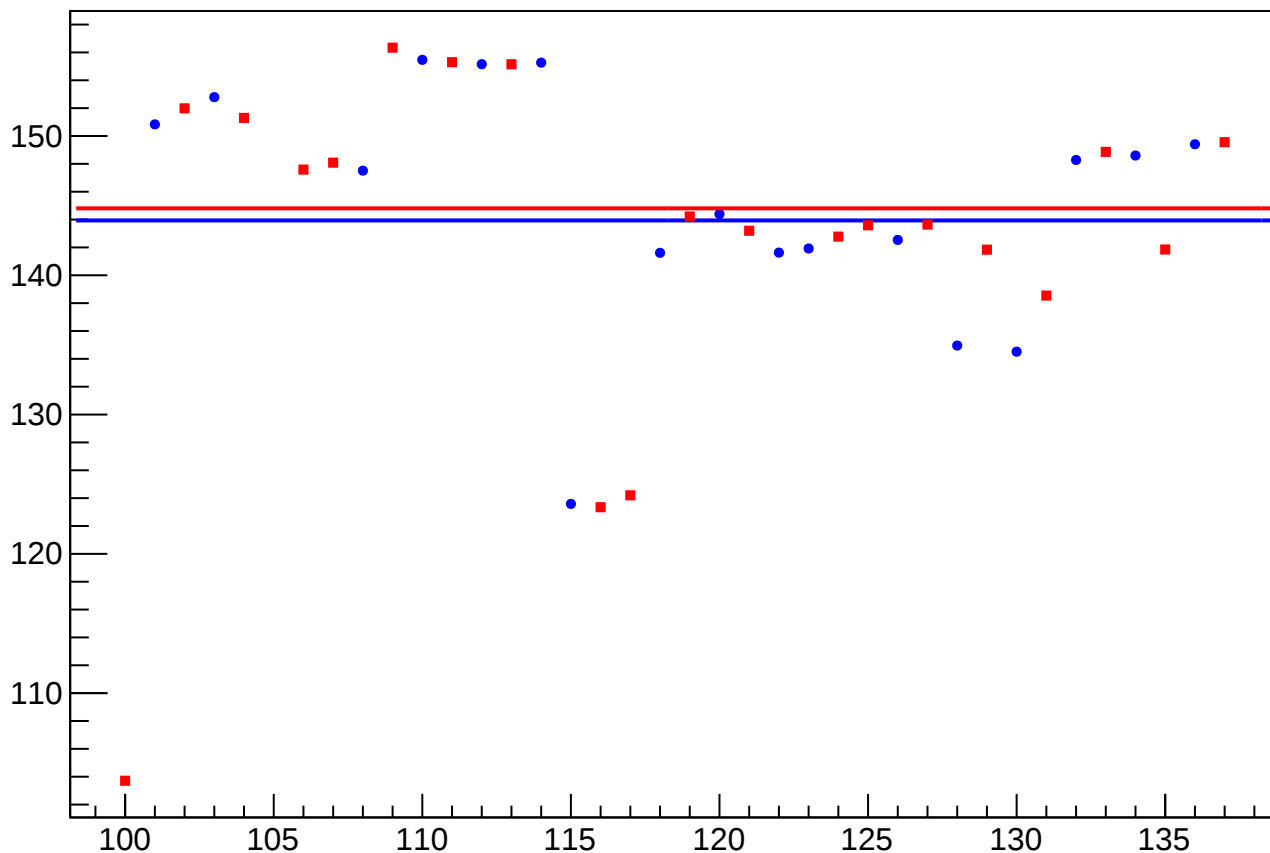
Right Out: 0.332+/-0.000 χ^2/NDF : 1191637.2/19

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

0.329+/-0.000 χ^2/NDF : 1276118.3/16

0.332+/-0.000 χ^2/NDF : 1191637.2/19

yield_bcm_dg_ds_mean vs Slug



Right In: 143.937+/-0.000 χ^2/NDF : 3379203532.9/16

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

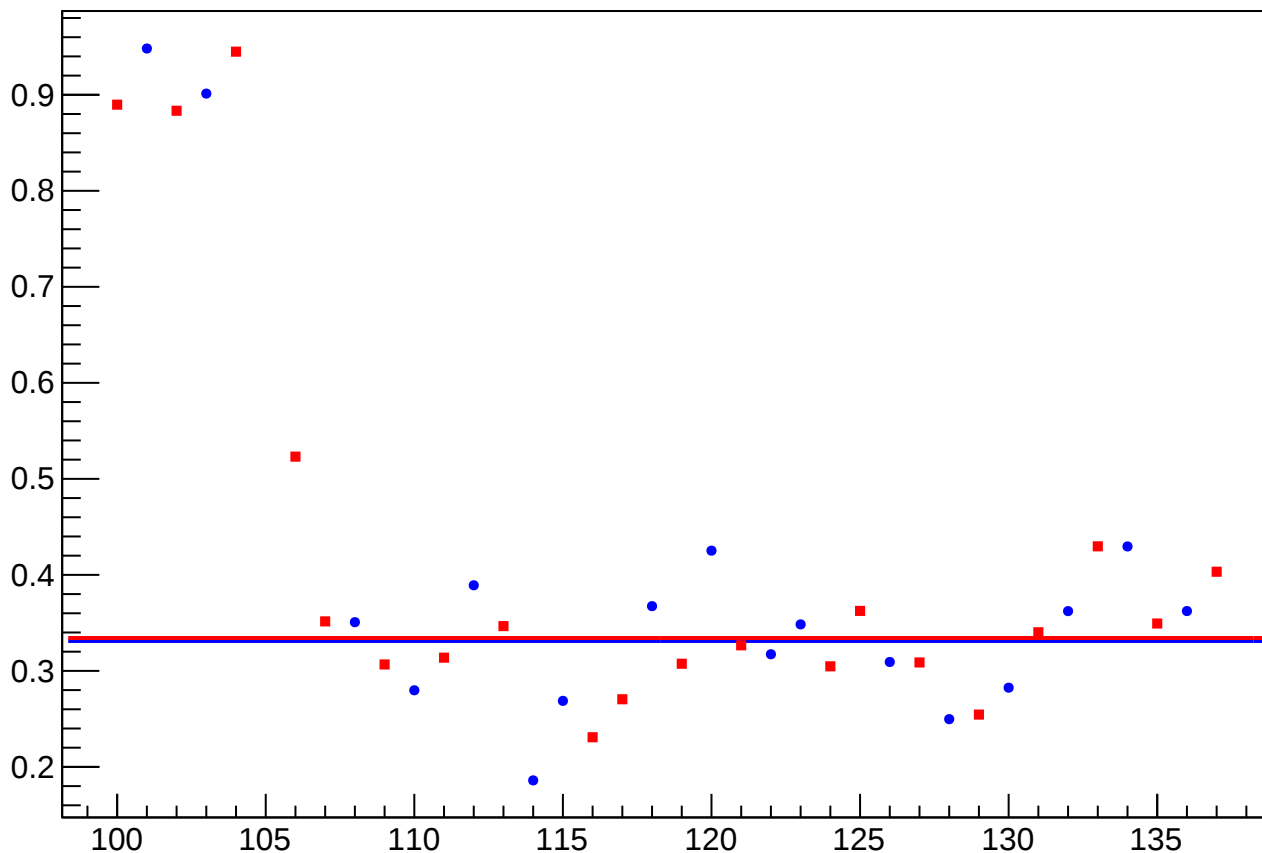
Right Out: 144.806+/-0.000 χ^2/NDF : 4139087143.3/19

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

143.937+/-0.000 χ^2/NDF : 3379203532.9/16

144.806+/-0.000 χ^2/NDF : 4139087143.3/19

yield_bcm_dg_ds_rms vs Slug



Right In: 0.331+/-0.000 χ^2/NDF : 1295749.0/16

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

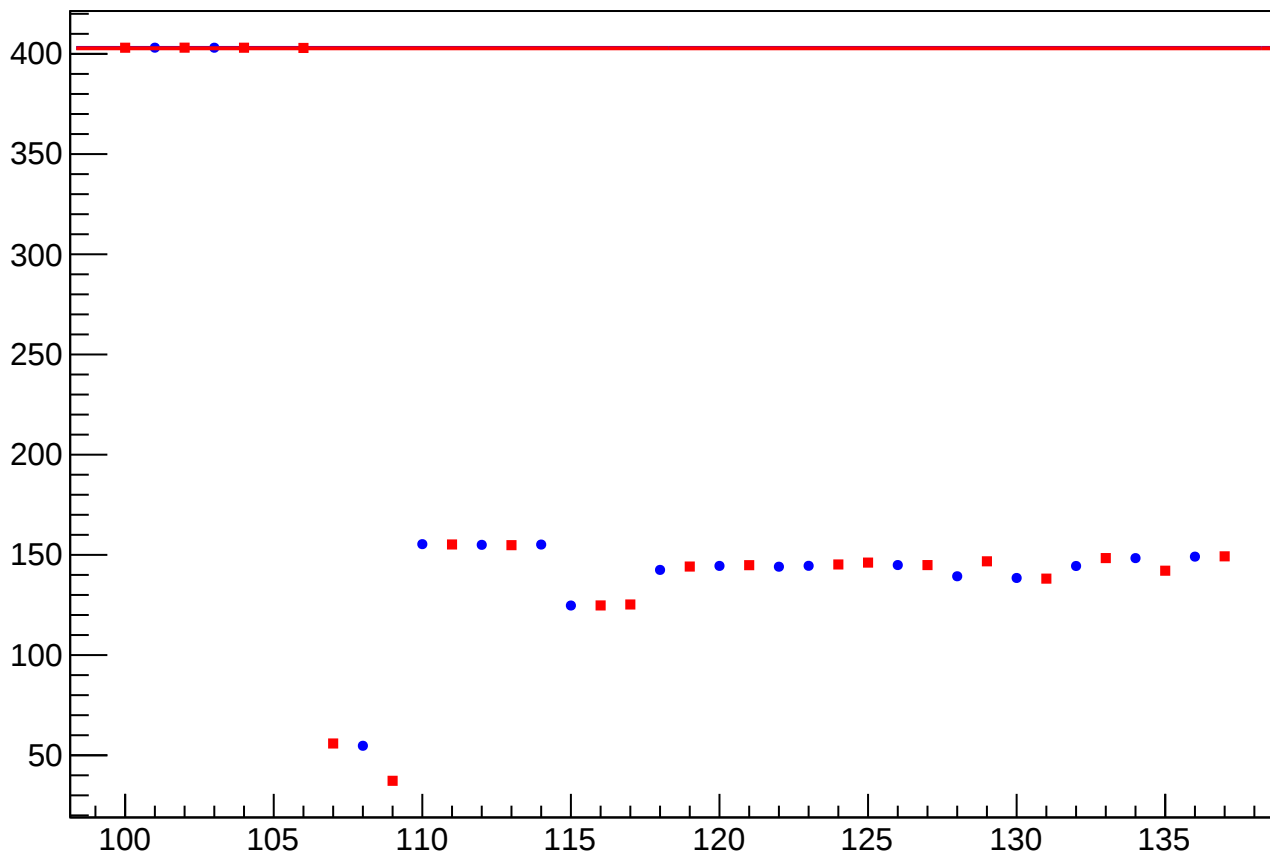
Right Out: 0.334+/-0.000 χ^2/NDF : 1176170.4/19

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

0.331+/-0.000 χ^2/NDF : 1295749.0/16

0.334+/-0.000 χ^2/NDF : 1176170.4/19

yield_cav4bQ_mean vs Slug



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

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

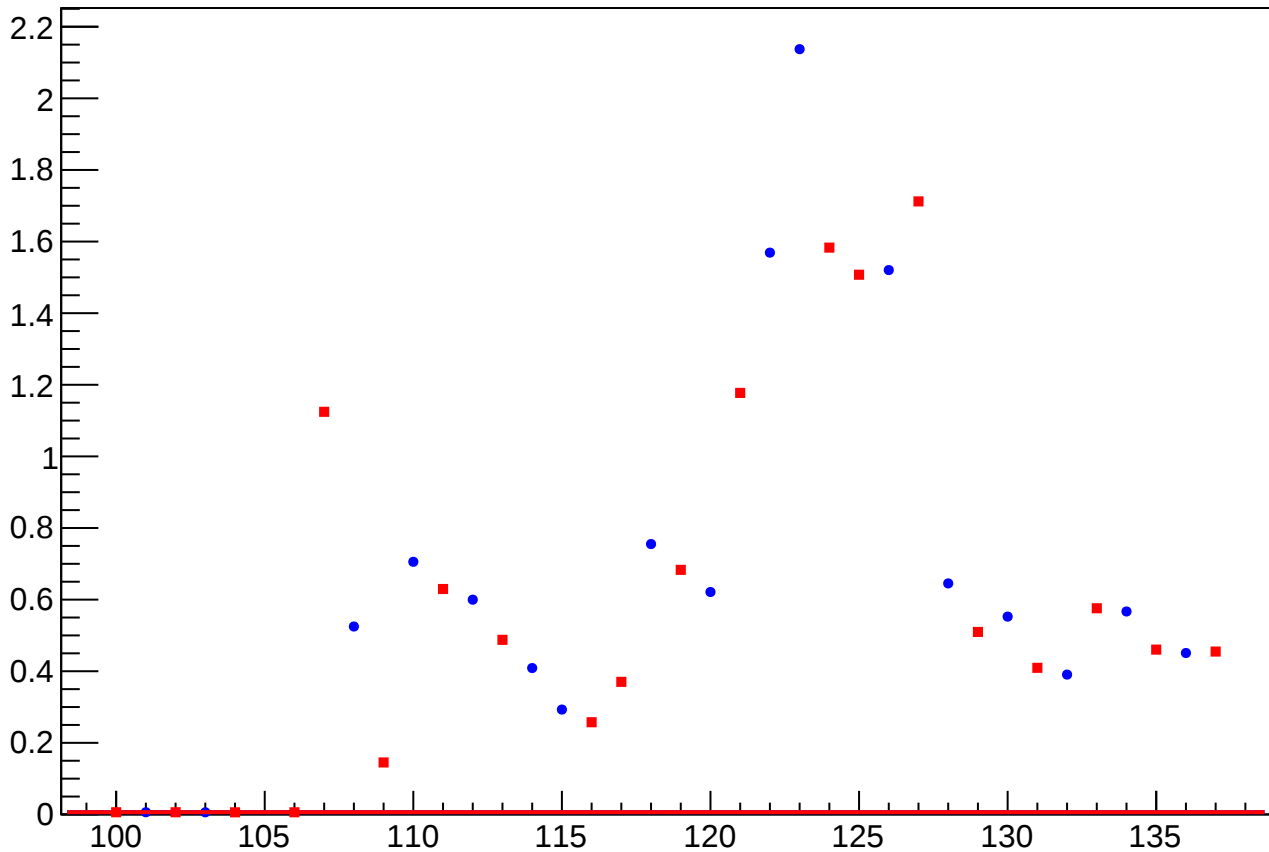
Right Out: 402.797+/-0.000 χ^2/NDF : 3122752044607.2/19

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

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

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

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9161050.1/16

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

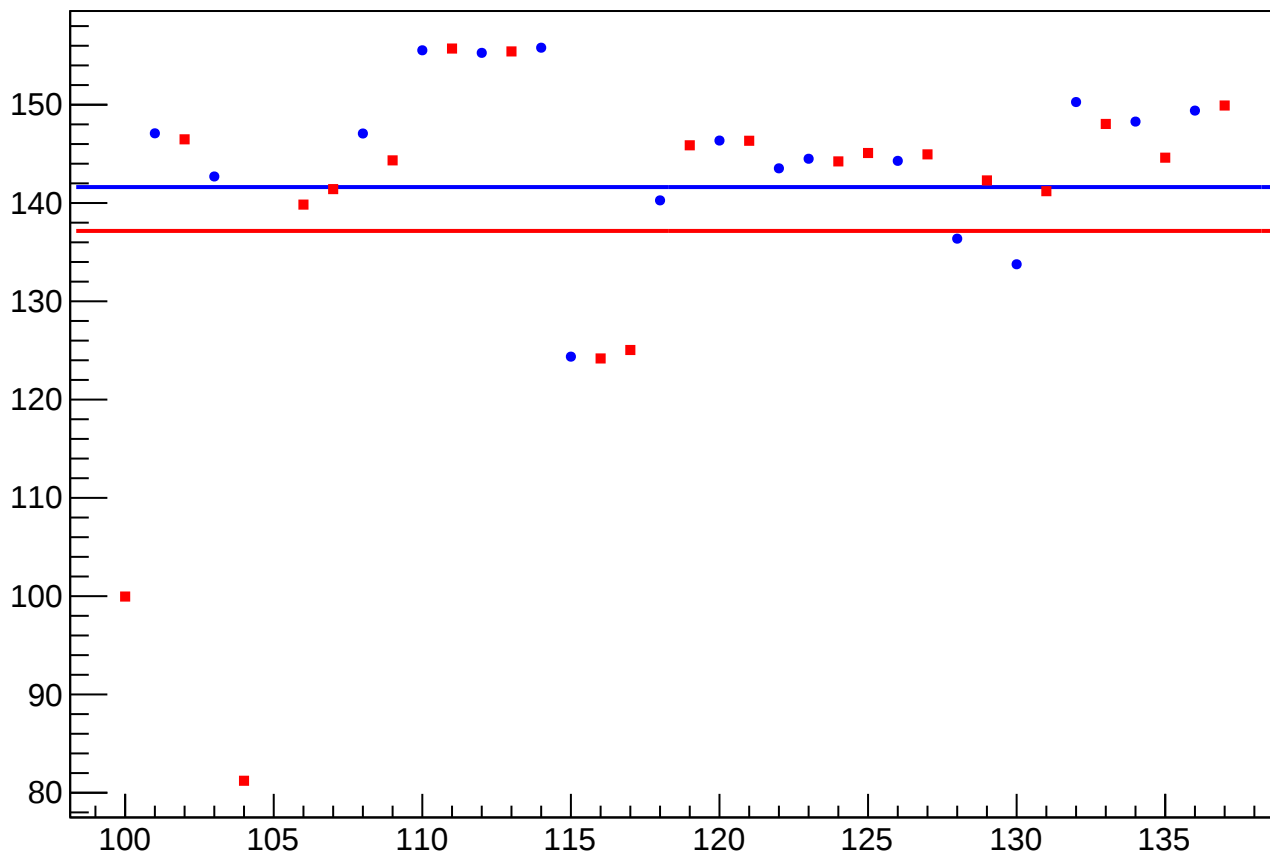
Right Out: 0.006+/-0.000 χ^2/NDF : 9277290.2/19

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 : 9277290.2/19

yield_cav4cQ_mean vs Slug



Right In: 141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

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

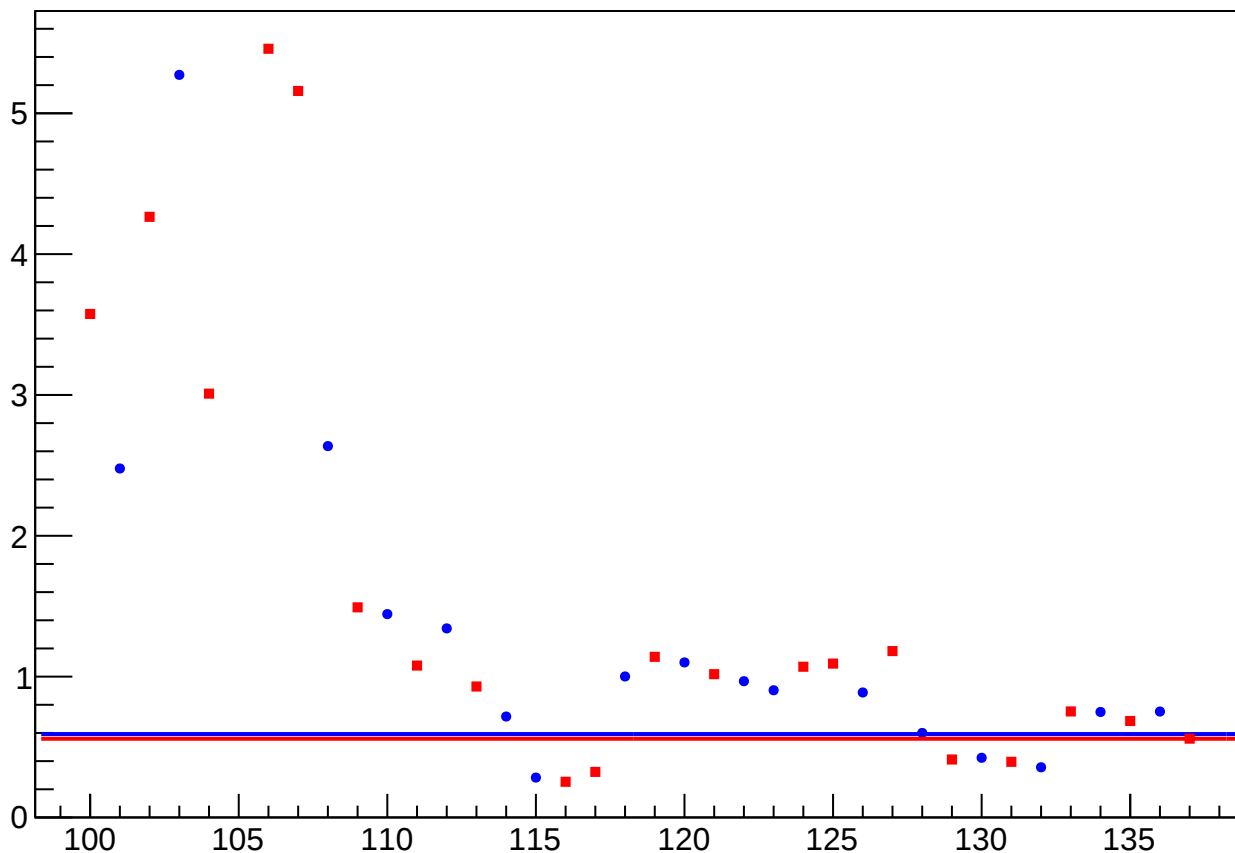
Right Out: 137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

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

141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

yield_cav4cQ_rms vs Slug



Right In: 0.592+/-0.000 χ^2/NDF : 3521577.2/16

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

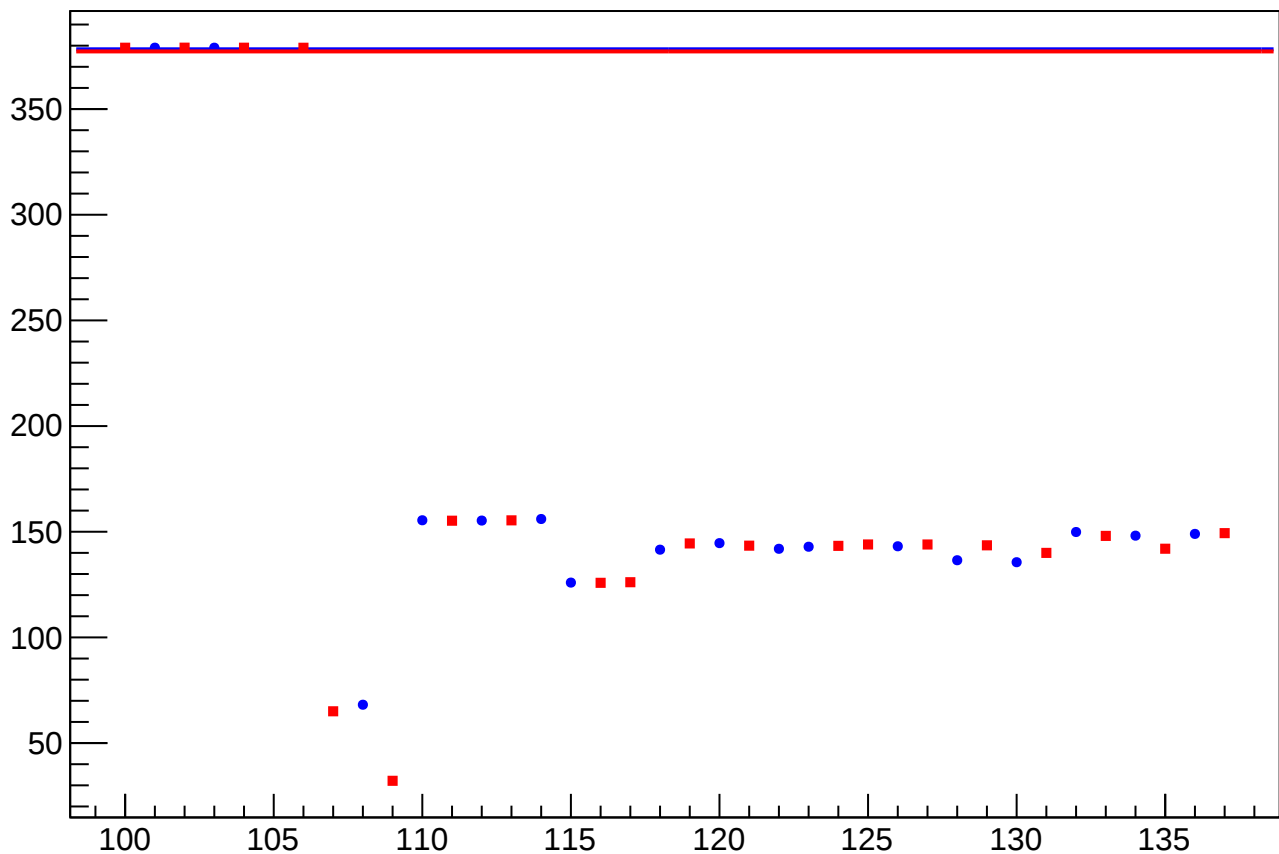
Right Out: 0.559+/-0.000 χ^2/NDF : 4719868.1/19

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

0.592+/-0.000 χ^2/NDF : 3521577.2/16

0.559+/-0.000 χ^2/NDF : 4719868.1/19

yield_cav4dQ_mean vs Slug



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

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

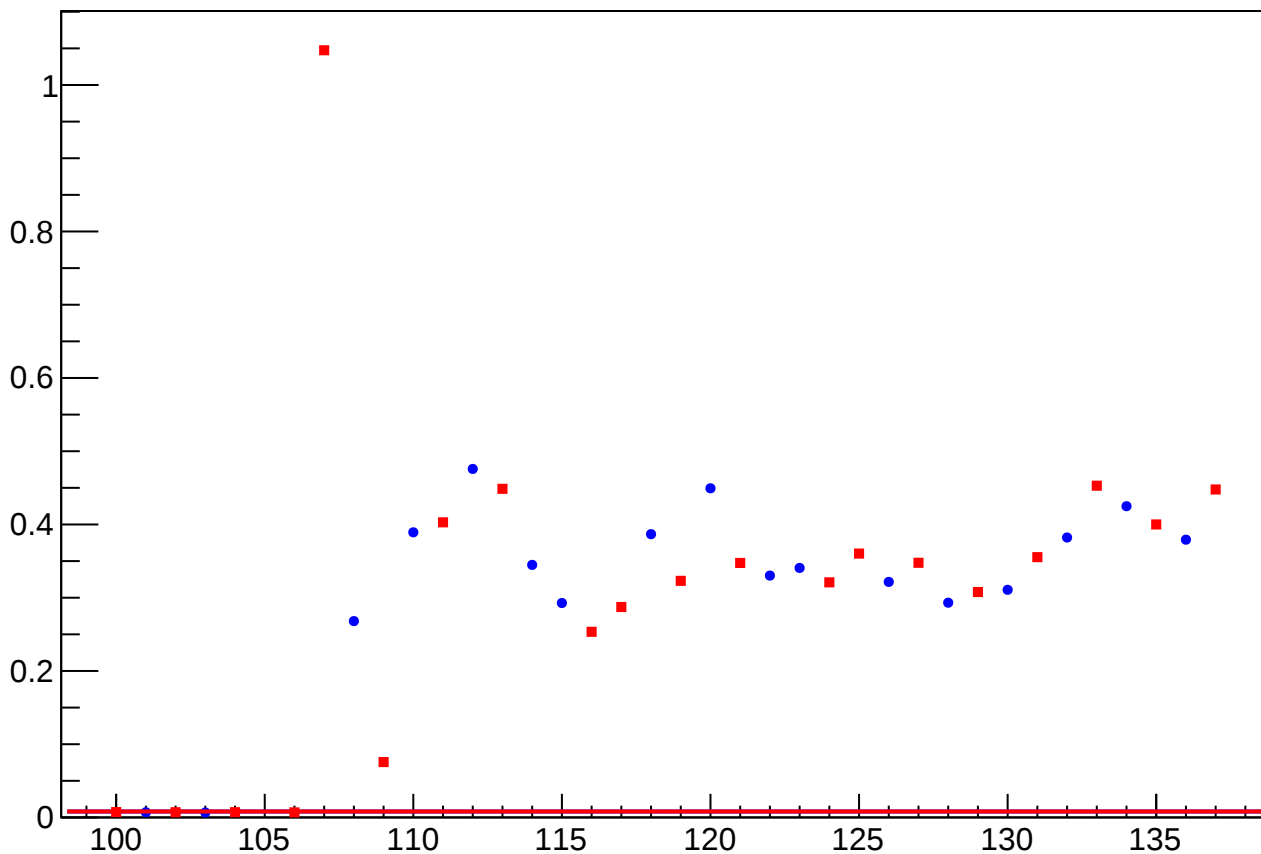
Right Out: 377.282+/-0.000 χ^2/NDF : 8306405788315.4/19

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

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

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

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9885759.8/16

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

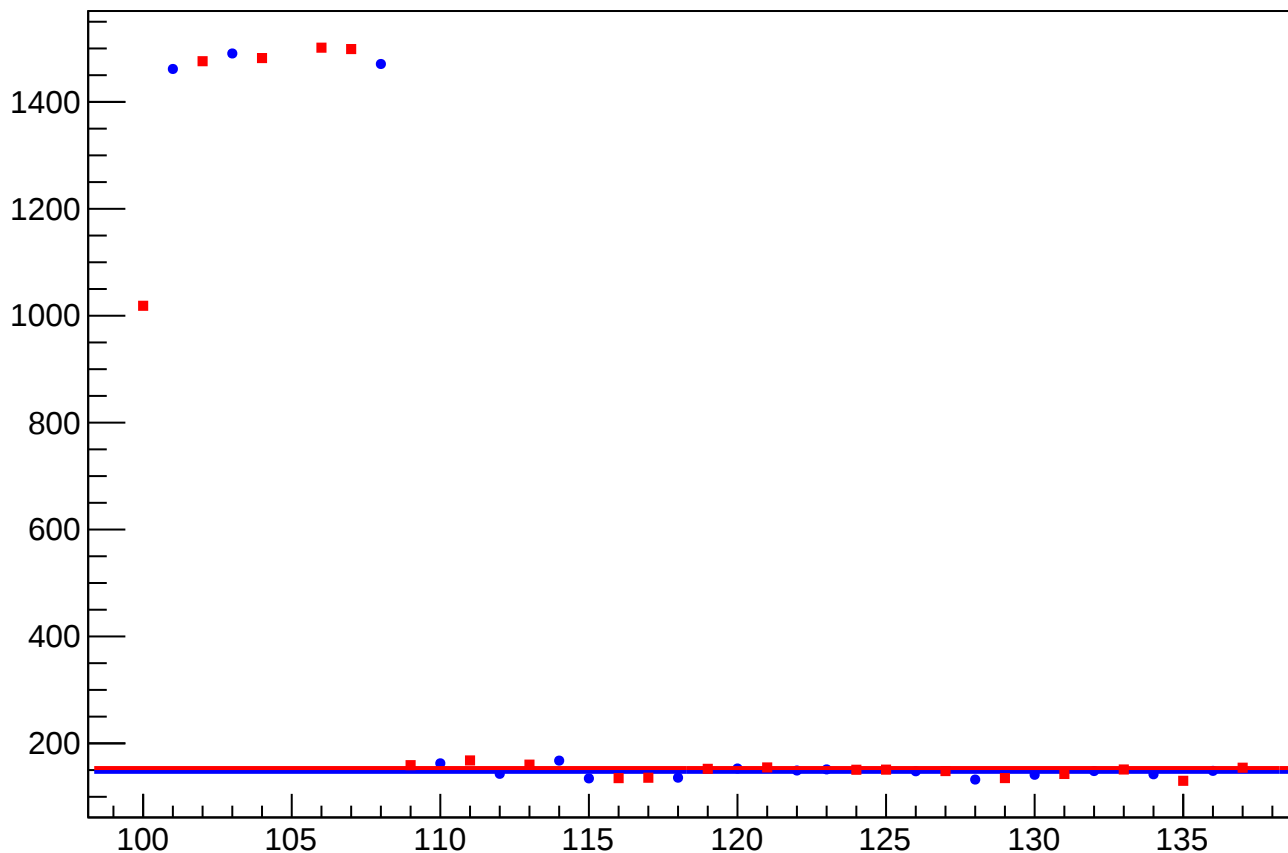
Right Out: 0.008+/-0.000 χ^2/NDF : 9601959.4/19

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 : 9601959.4/19

yield_bcm0l02_mean vs Slug



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

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

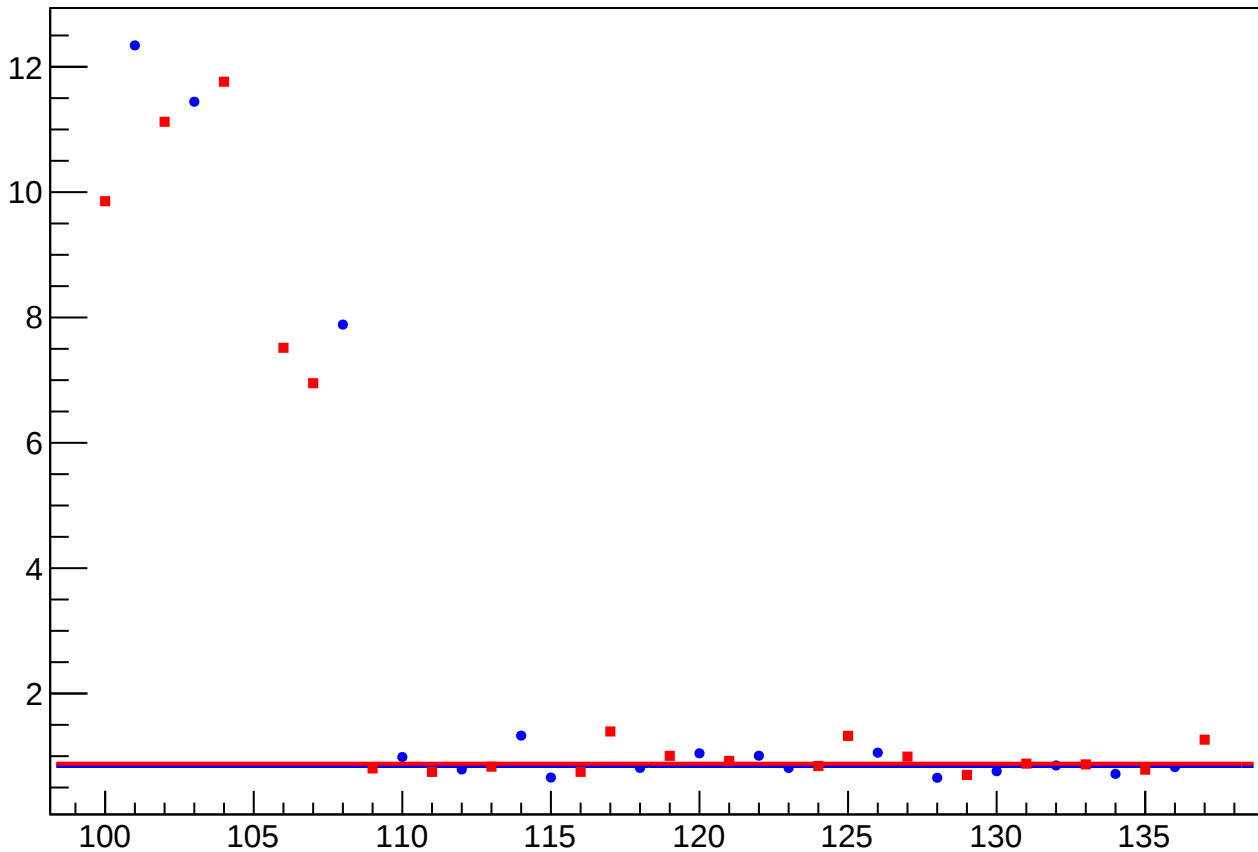
Right Out: 153.818+/-0.000 χ^2/NDF : 33744777744.4/19

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

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

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

yield_bcm0l02_rms vs Slug



Right In: 0.844+/-0.000 χ^2/NDF : 2670470.7/16

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

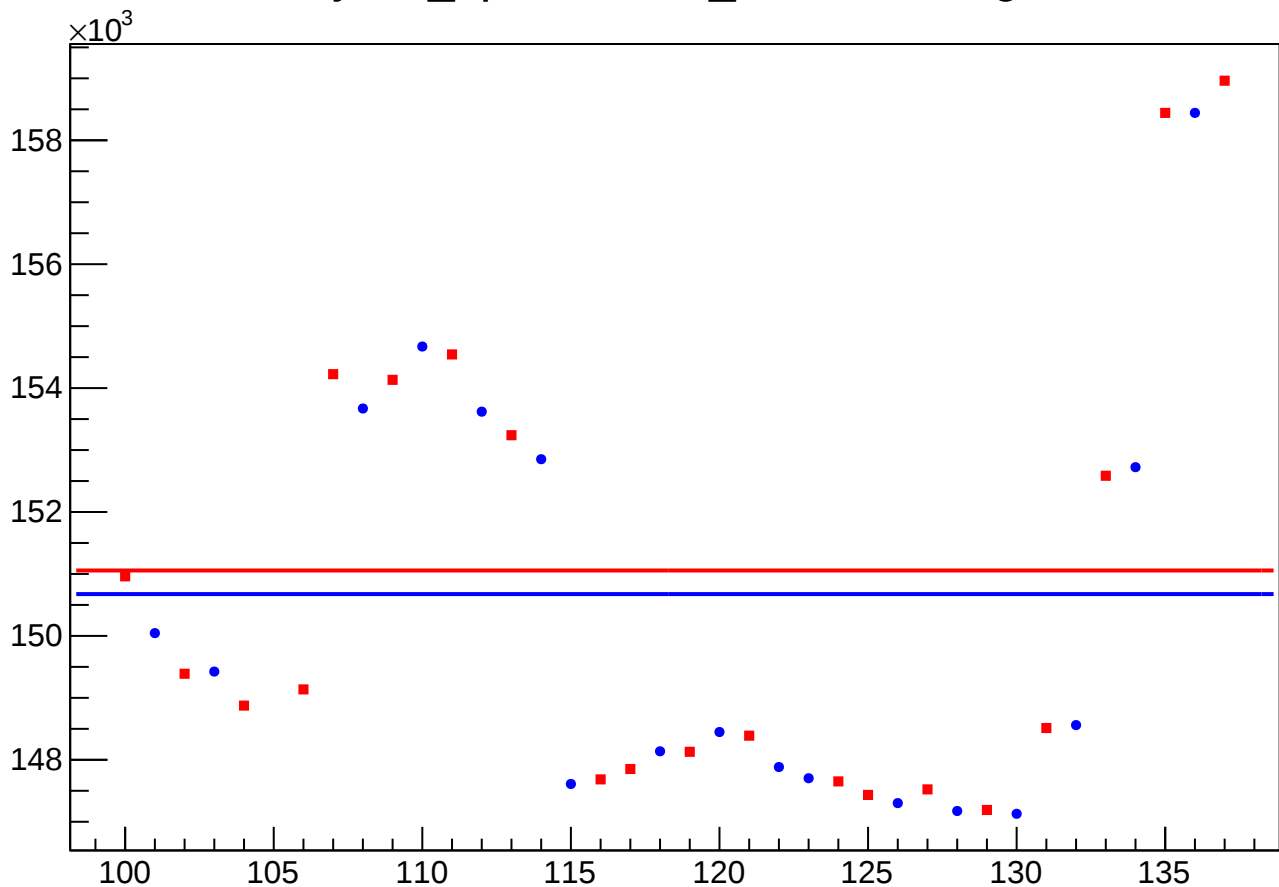
Right Out: 0.880+/-0.000 χ^2/NDF : 2823230.1/19

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

0.844+/-0.000 χ^2/NDF : 2670470.7/16

0.880+/-0.000 χ^2/NDF : 2823230.1/19

yield_bpm0i01WS_mean vs Slug



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

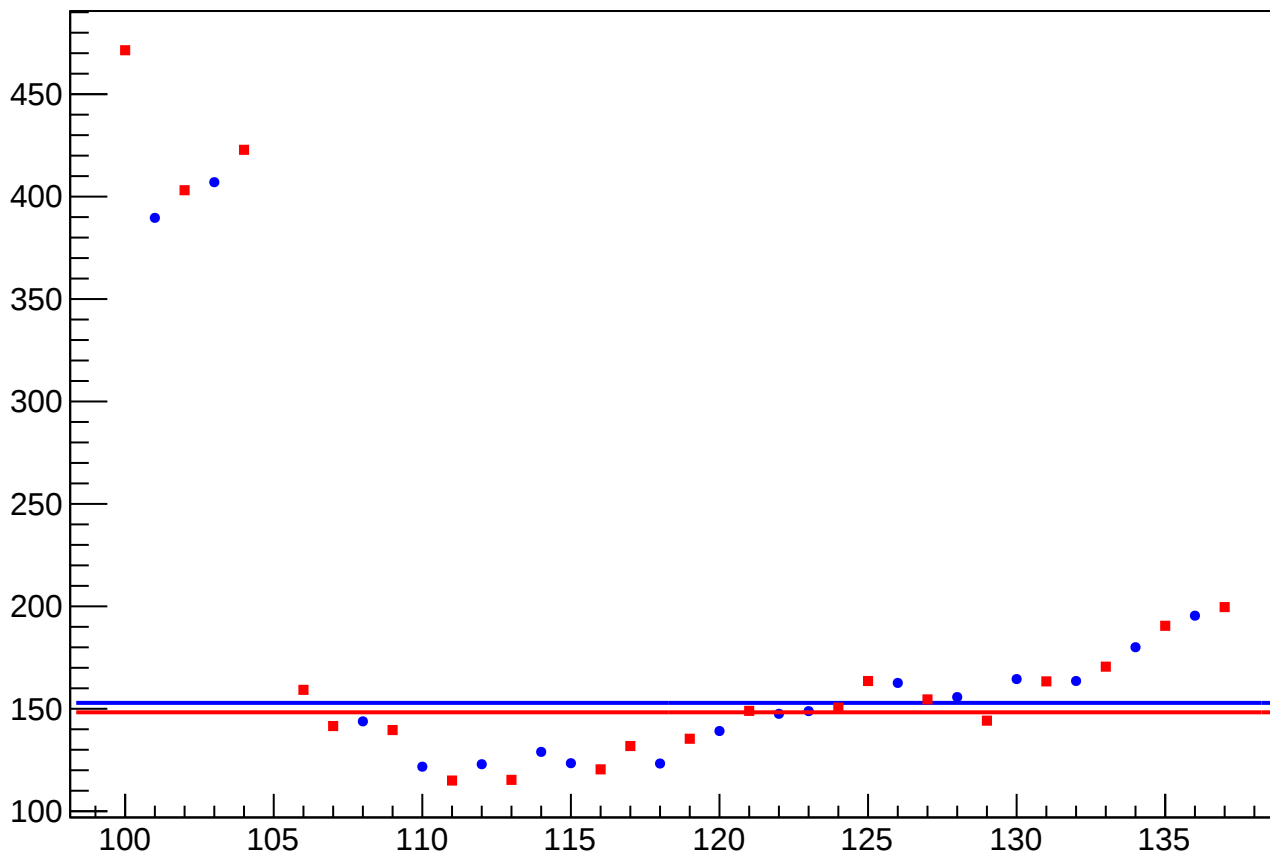
150675.025 $\pm$ 0.063 χ^2 /NDF: 3309974859.4/16

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



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

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

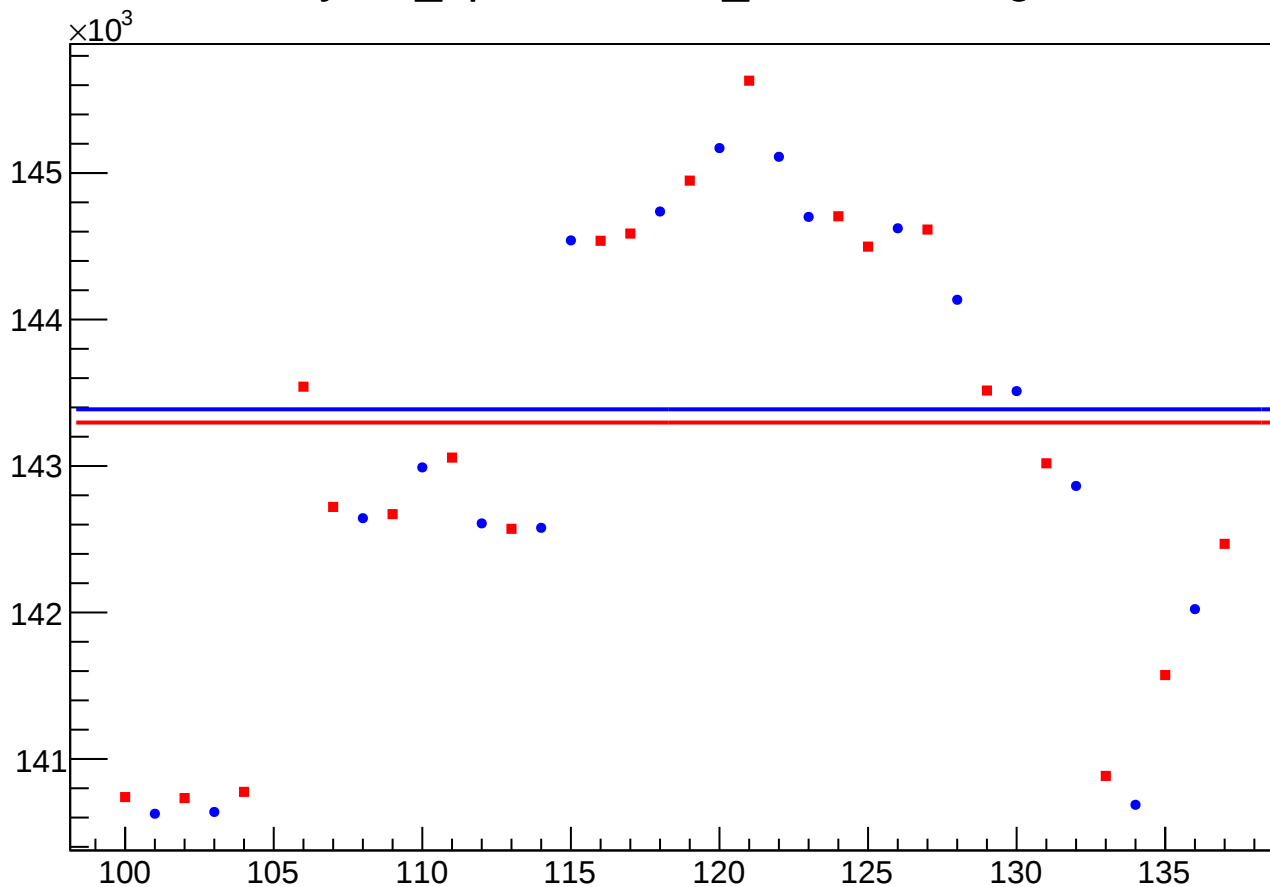
Right Out: 148.278+/-0.042 χ^2/NDF : 1192879.8/19

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

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

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

yield_bpm0i01aWS_mean vs Slug



Right In: 143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

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

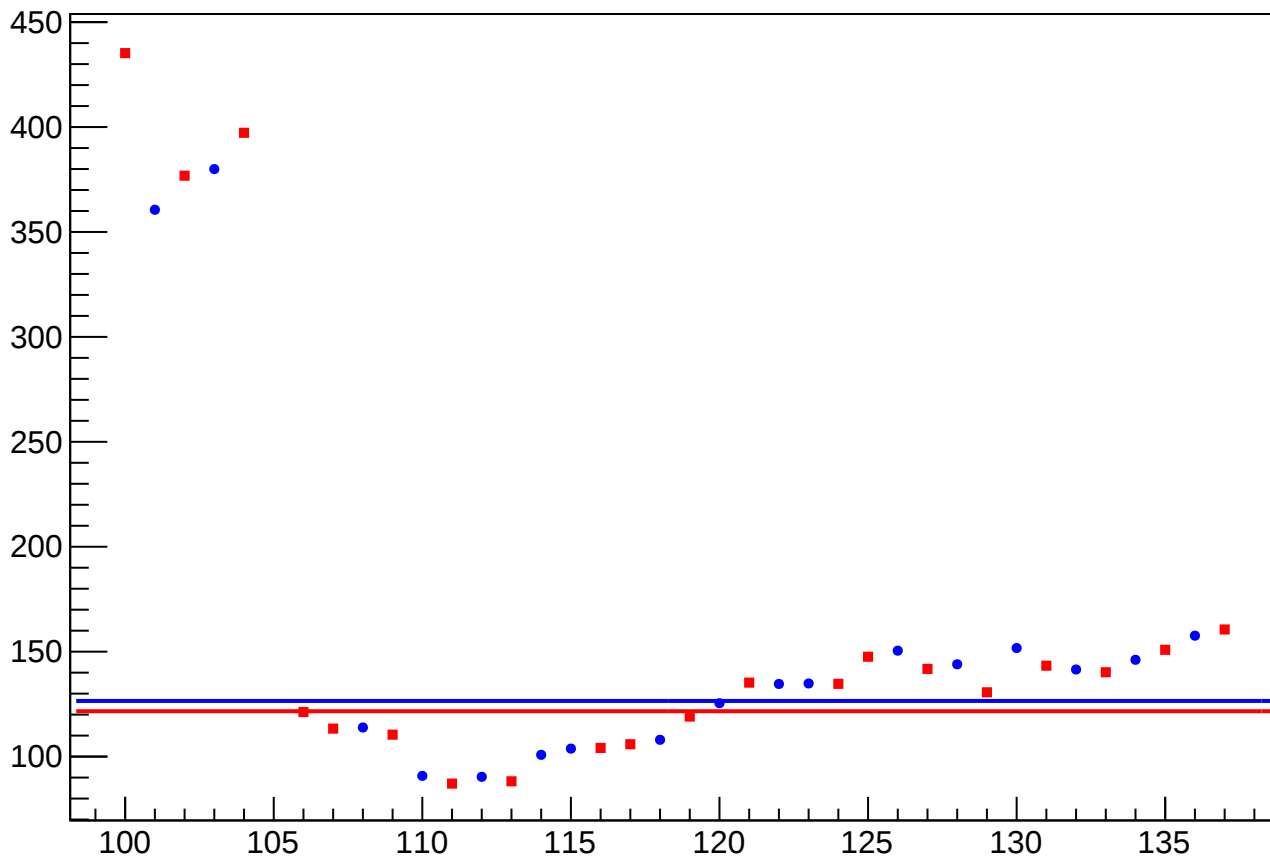
Right Out: 143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

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

143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

yield_bpm0i01aWS_rms vs Slug



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

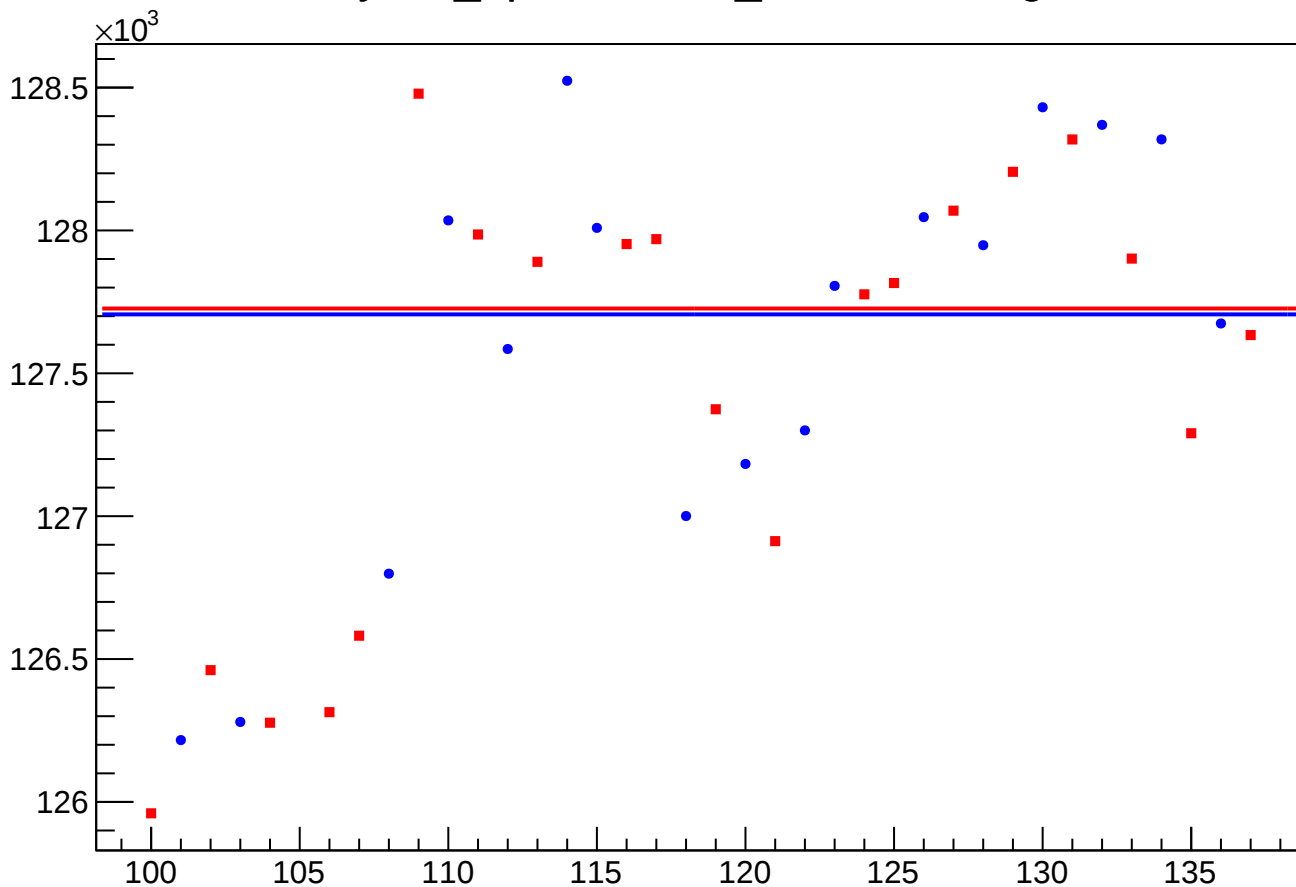
Right Out: 121.625 $\pm$ 0.035 χ^2 /NDF: 1465763.8/19

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

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

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

yield_bpm0l01WS_mean vs Slug



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

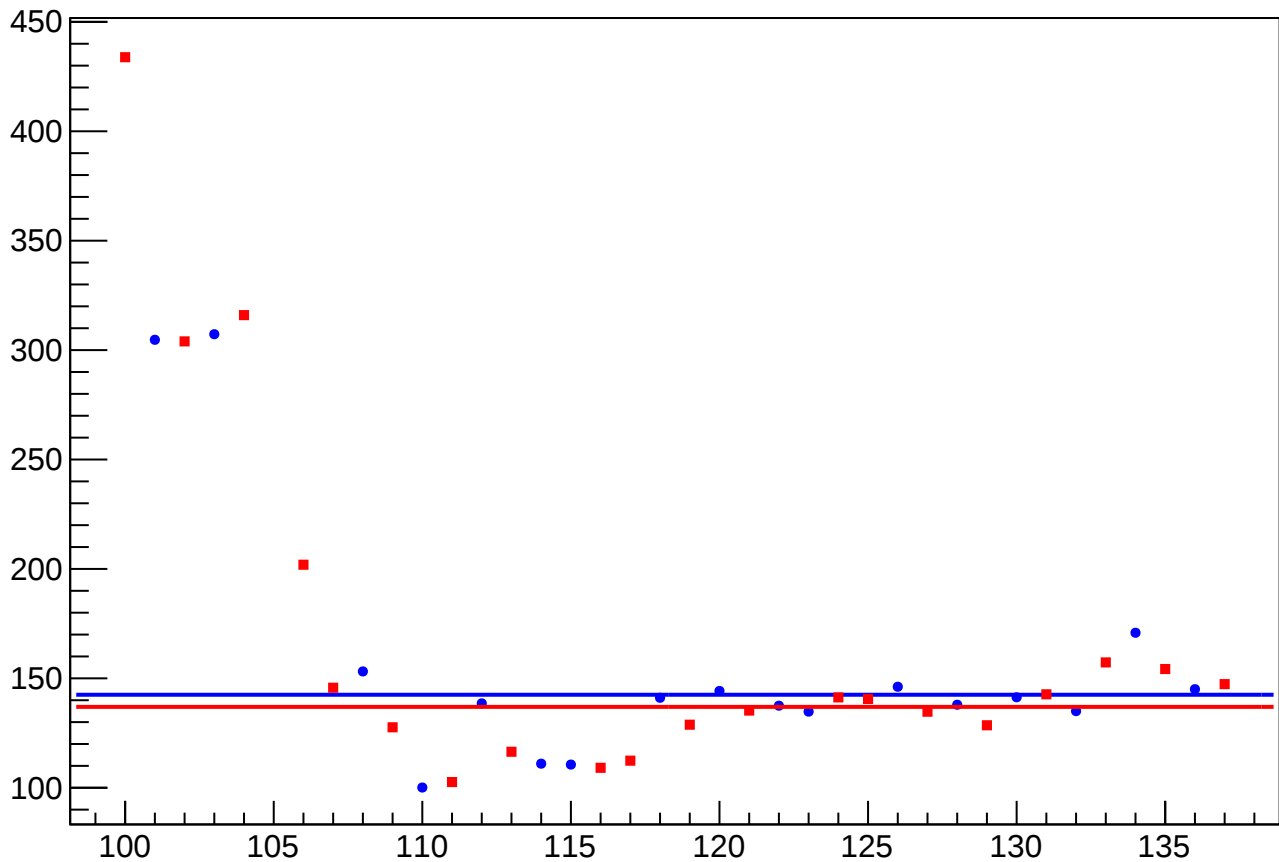
Right Out: 127726.708 $\pm$ 0.054 χ^2 /NDF: 112816704.3/19

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

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

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

yield_bpm0l01WS_rms vs Slug



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

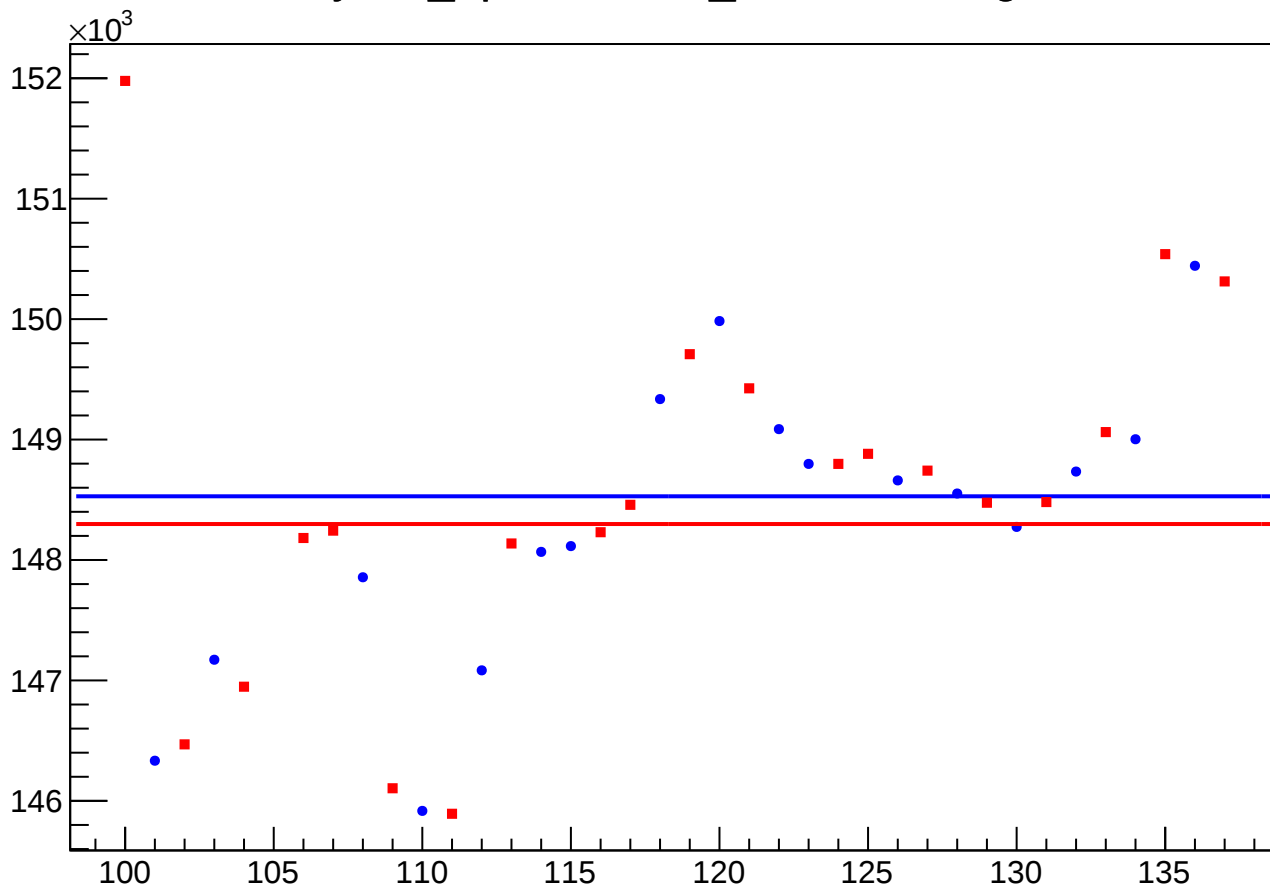
Right Out: 136.963 $\pm$ 0.038 χ^2 /NDF: 961465.0/19

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

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

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

yield_bpm0l02WS_mean vs Slug



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

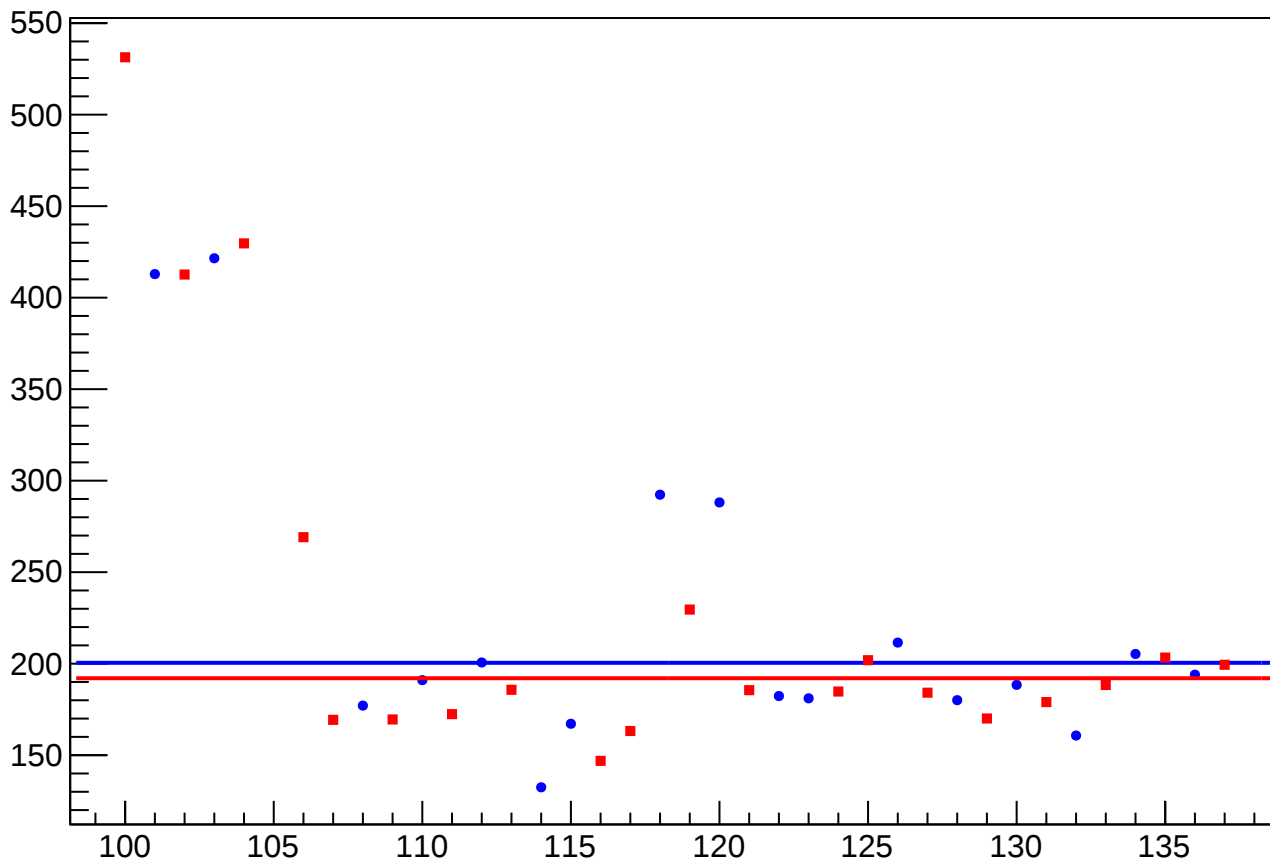
Right Out: 148298.586 $\pm$ 0.076 χ^2 /NDF: 293284830.9/19

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

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

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

yield_bpm0l02WS_rms vs Slug



Right In: 200.472+/-0.058 χ^2/NDF : 936547.2/16

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

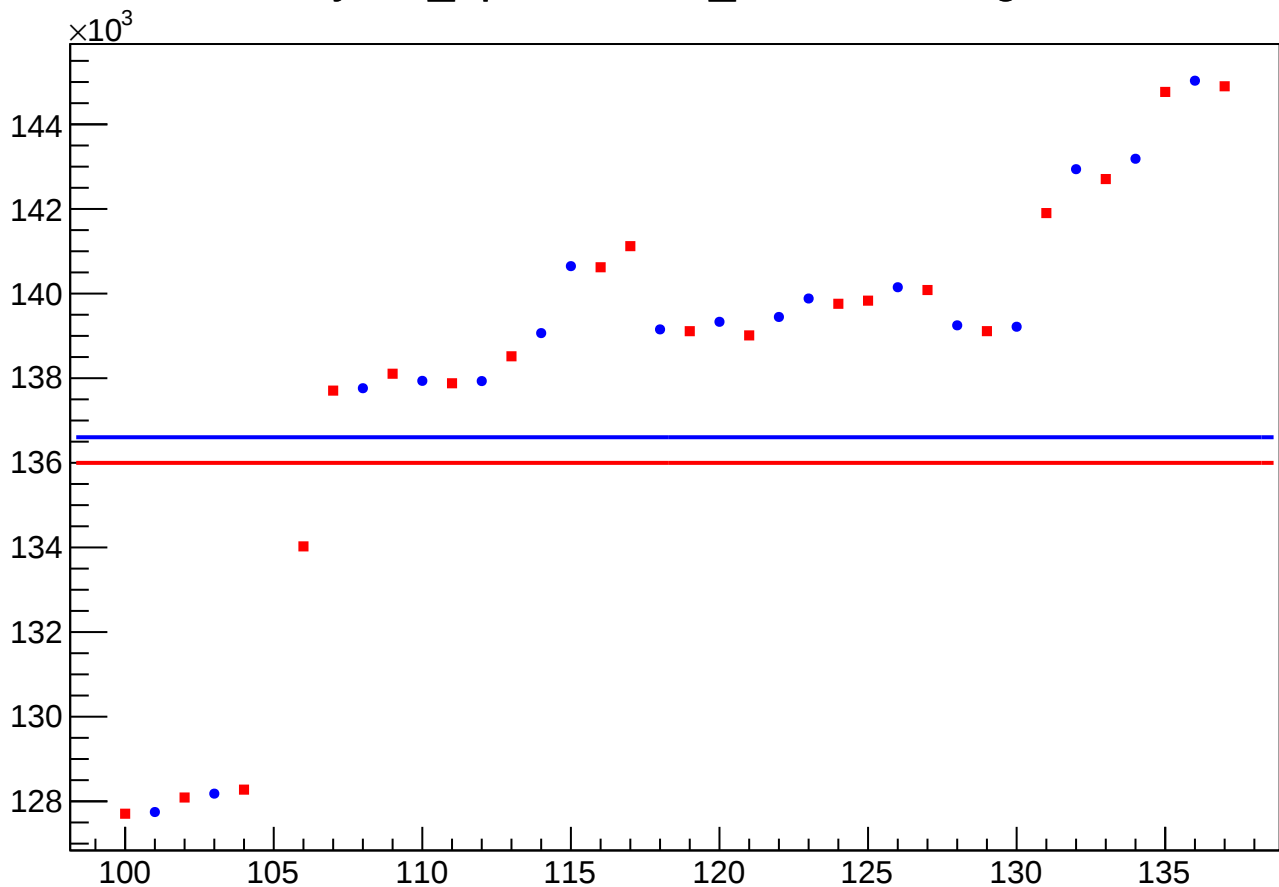
Right Out: 192.040+/-0.054 χ^2/NDF : 847133.0/19

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

200.472+/-0.058 χ^2/NDF : 936547.2/16

192.040+/-0.054 χ^2/NDF : 847133.0/19

yield_bpm0l03WS_mean vs Slug



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

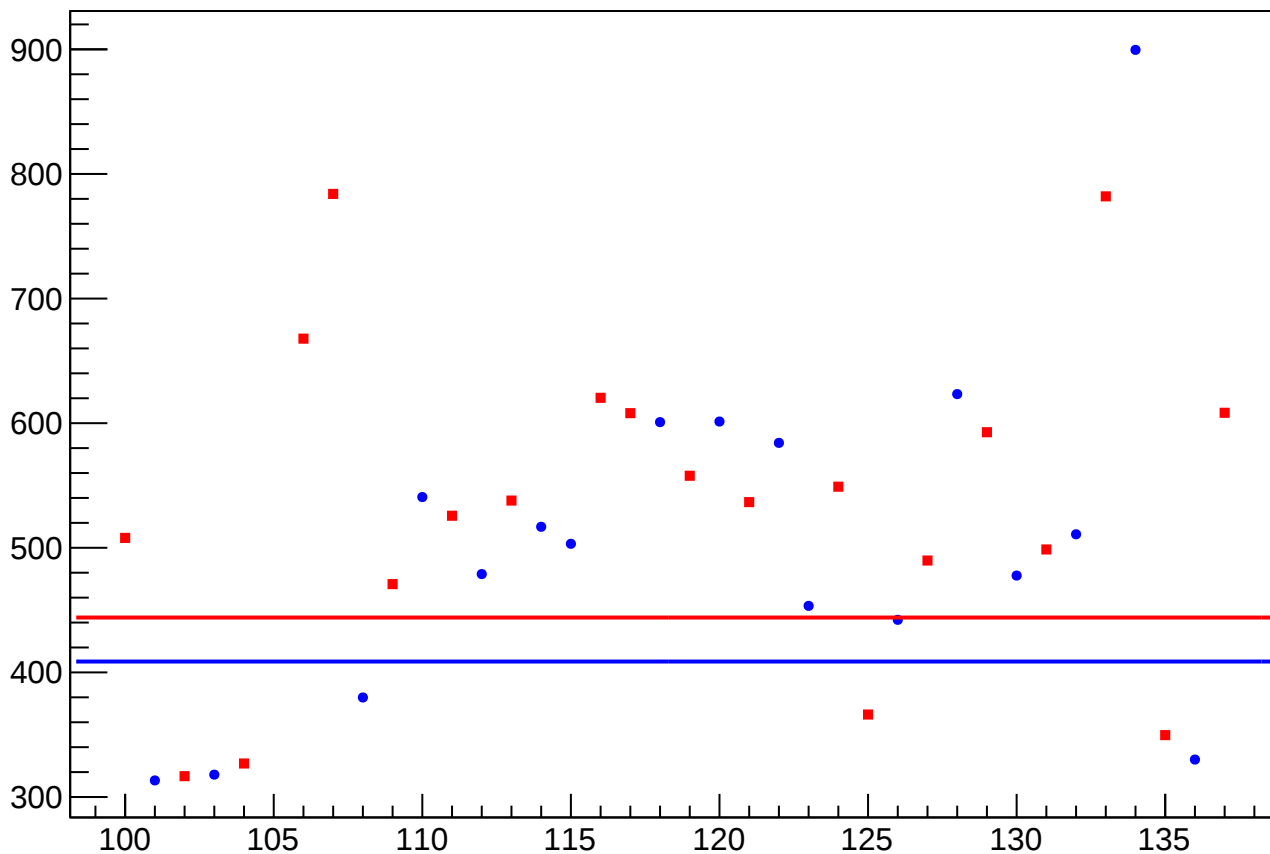
136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

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



Right In: 408.729+/-0.121 χ^2/NDF : 823262.8/16

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

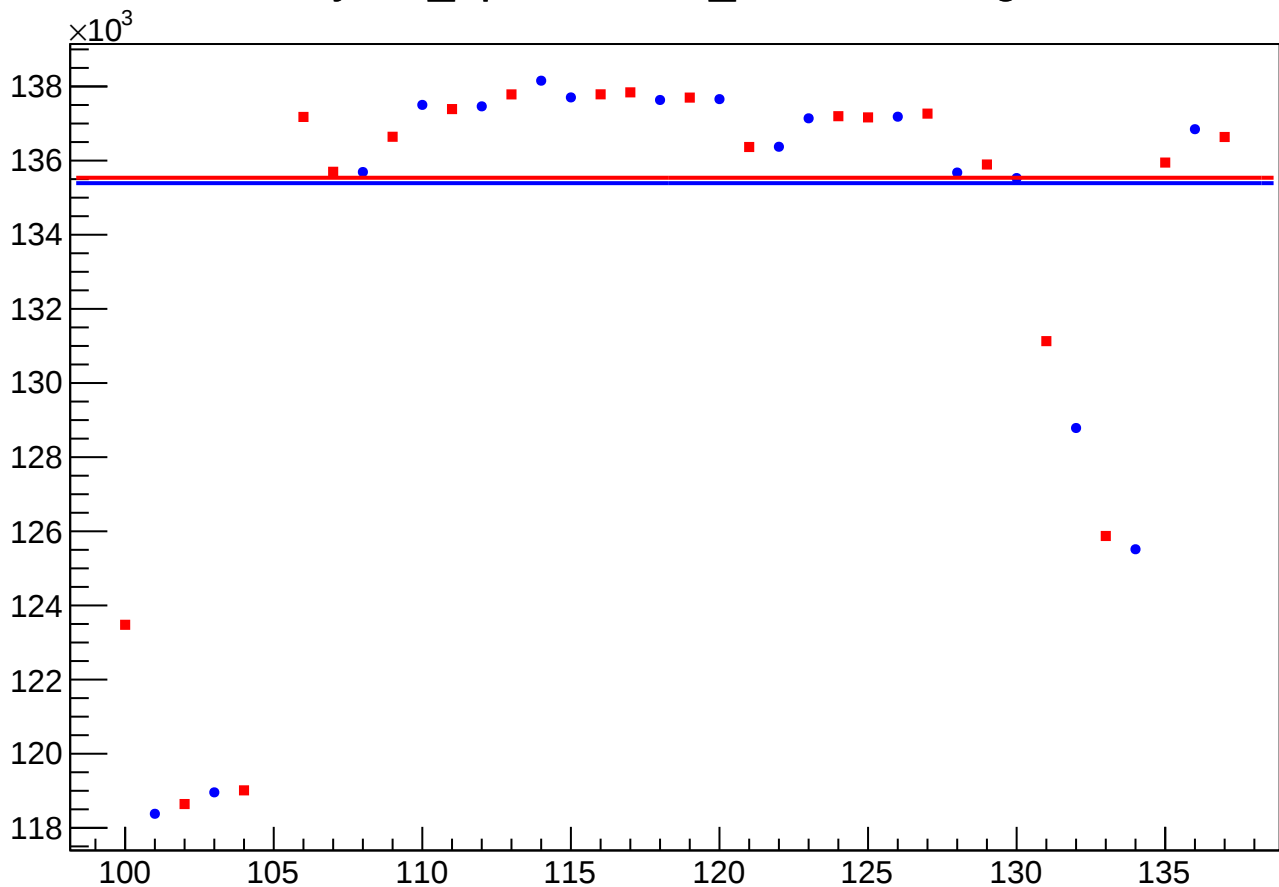
Right Out: 444.034+/-0.129 χ^2/NDF : 922545.8/19

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

408.729+/-0.121 χ^2/NDF : 823262.8/16

444.034+/-0.129 χ^2/NDF : 922545.8/19

yield_bpm0l04WS_mean vs Slug



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

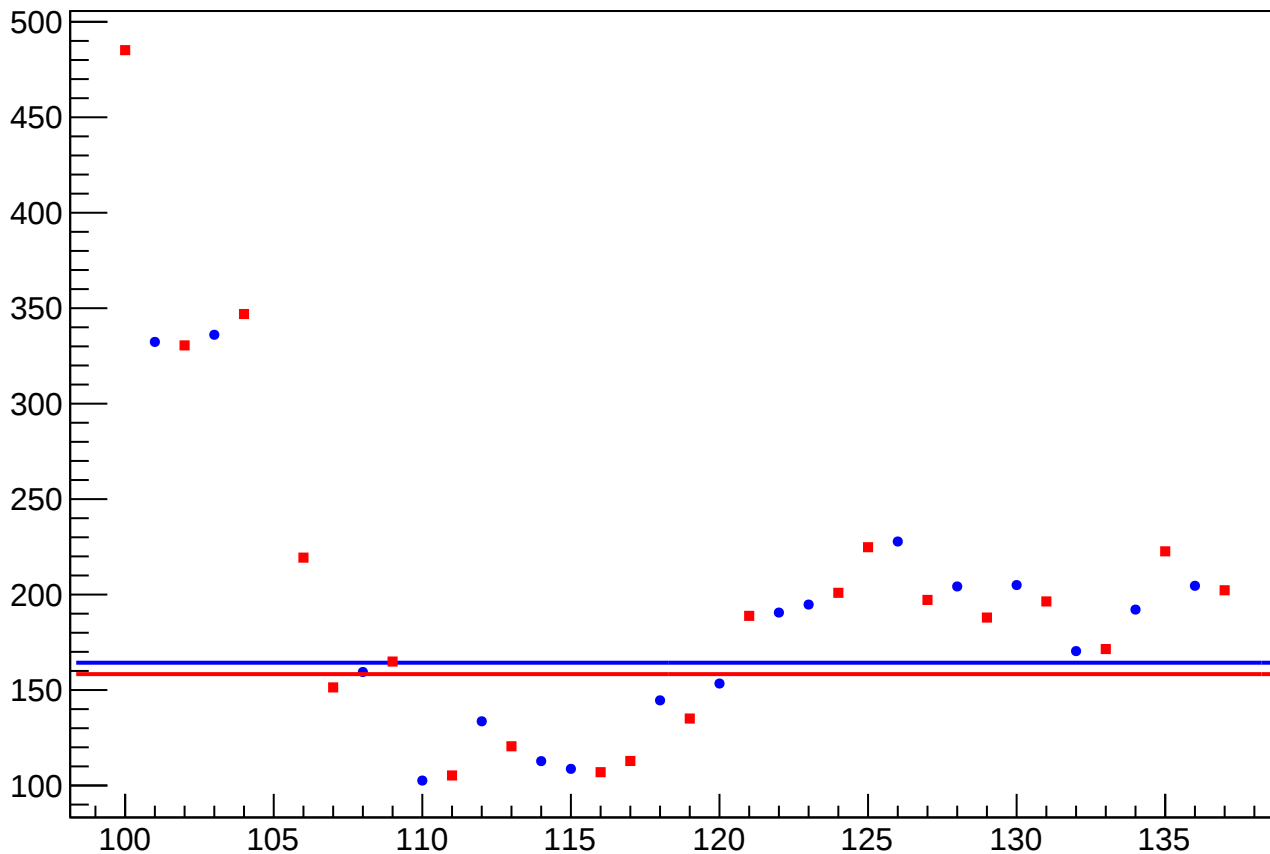
135391.458 $\pm$ 0.068 χ^2 /NDF: 4580024611.0/16

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

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

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

yield_bpm0l04WS_rms vs Slug



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

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

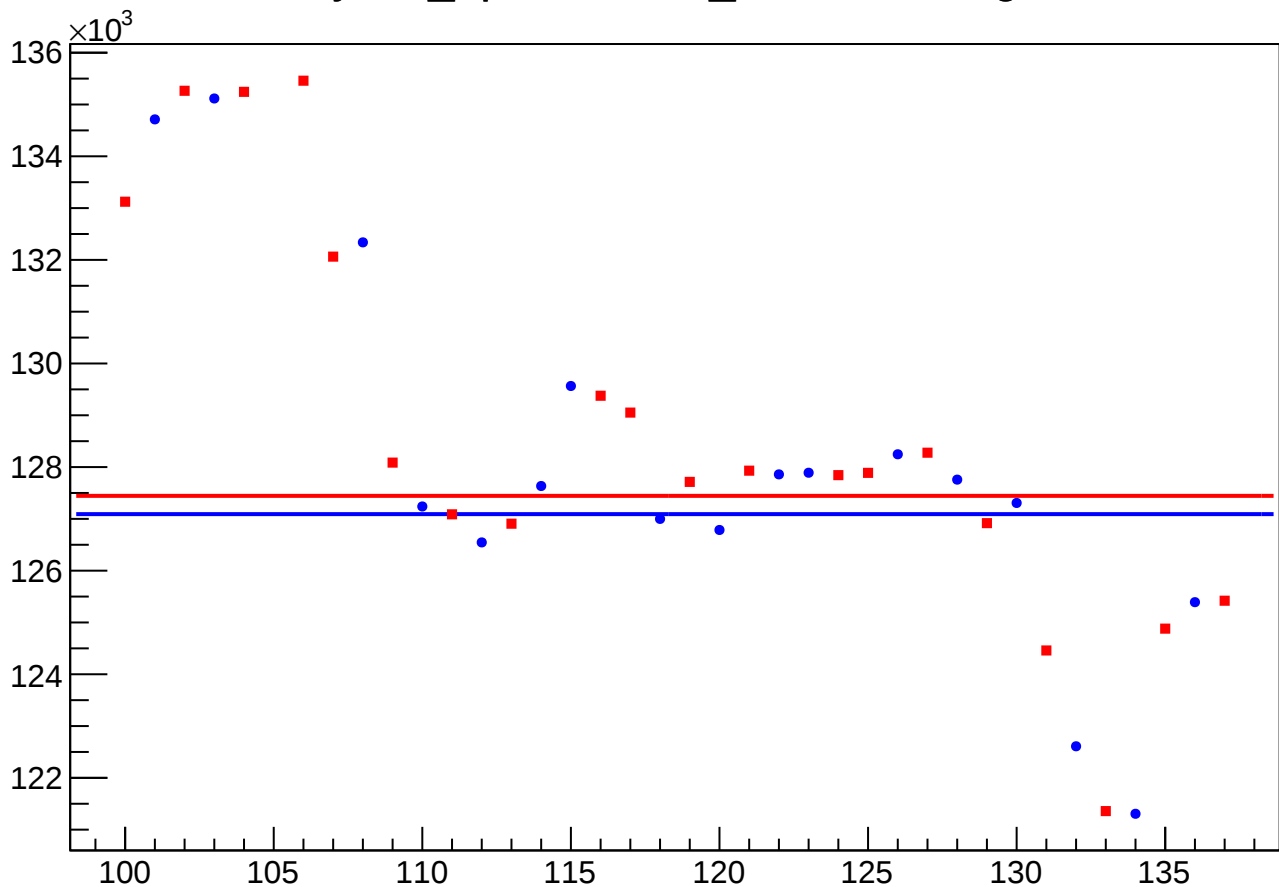
164.311+/-0.048 χ^2/NDF : 1230487.8/16

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

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

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

yield_bpm0l05WS_mean vs Slug



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

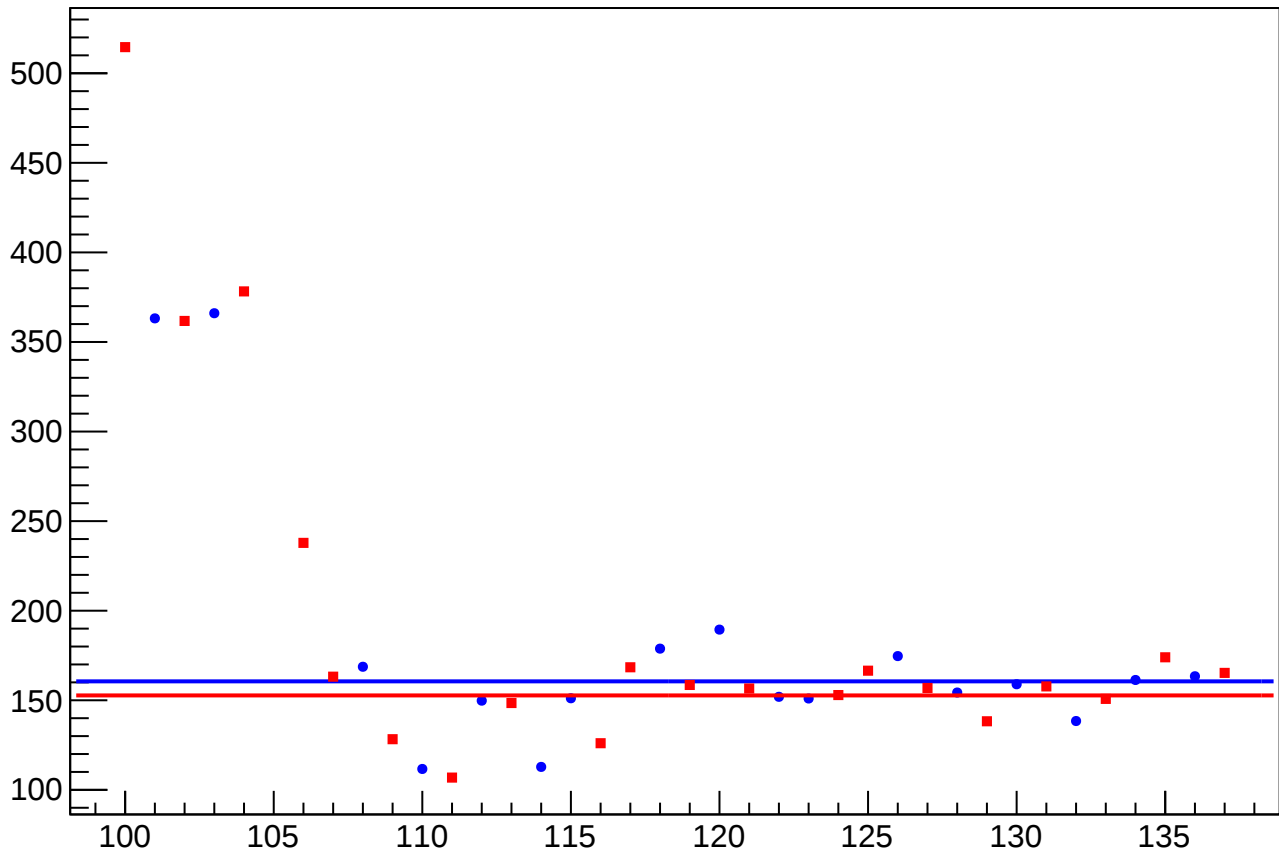
Right Out: 127444.472 $\pm$ 0.061 χ^2/NDF : 2082646787.7/19

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

127091.500 $\pm$ 0.066 χ^2/NDF : 1717208780.6/16

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

yield_bpm0l05WS_rms vs Slug



Right In: 160.564+/-0.047 χ^2/NDF : 942747.0/16

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

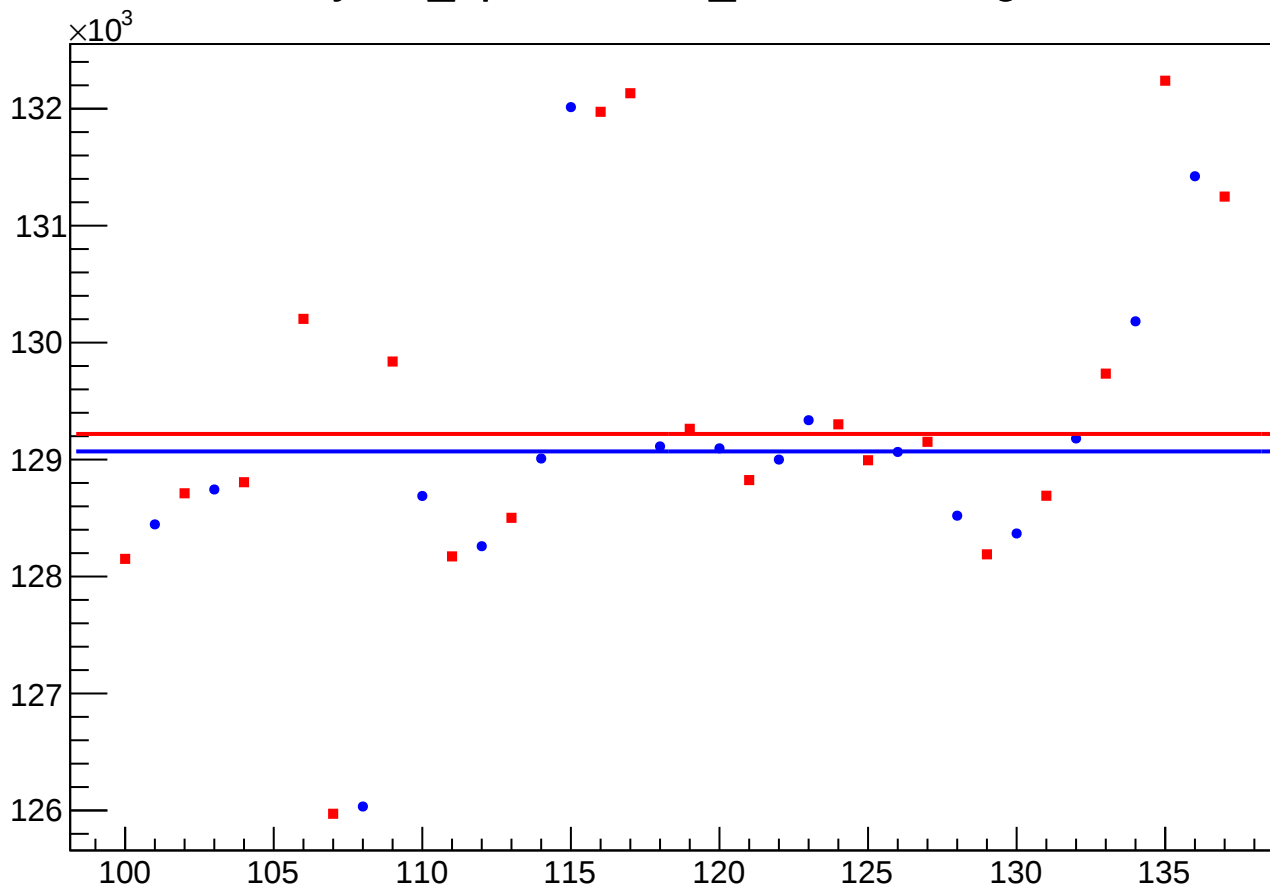
160.564+/-0.047 χ^2/NDF : 942747.0/16

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

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

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

yield_bpm0l06WS_mean vs Slug



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

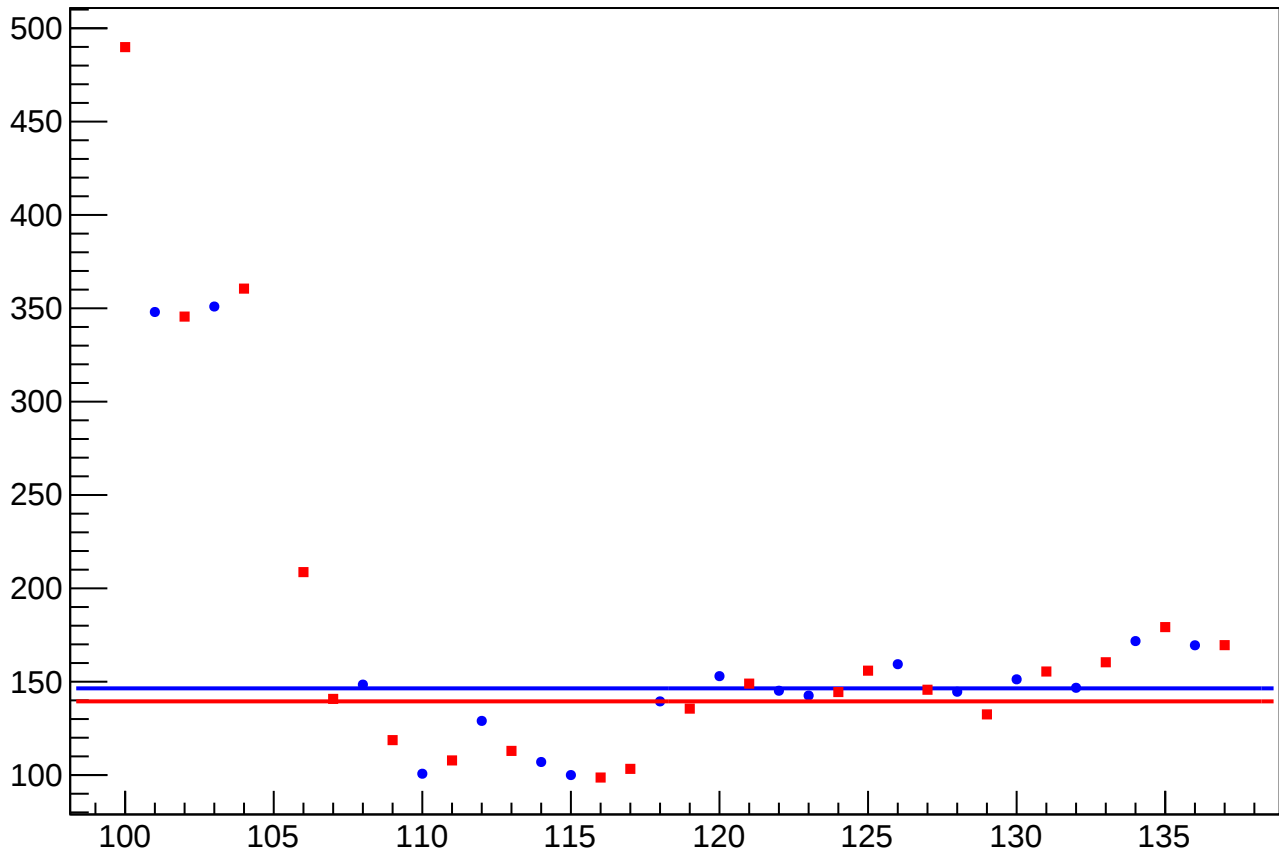
Right Out: 129219.072 $\pm$ 0.056 χ^2 /NDF: 660468184.1/19

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

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

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

yield_bpm0l06WS_rms vs Slug



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

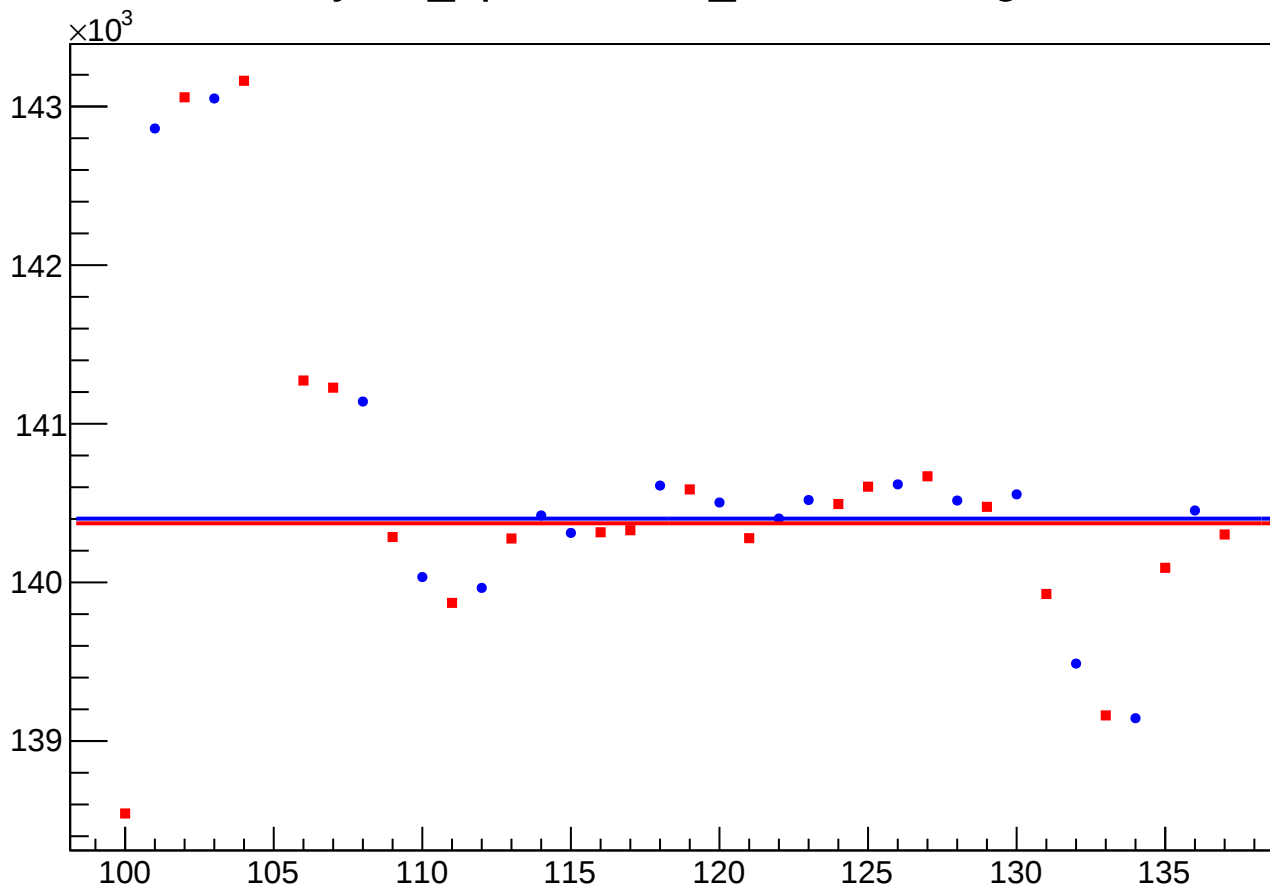
146.437 $\pm$ 0.043 χ^2 /NDF: 1064791.0/16

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

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

yield_bpm0l07WS_mean vs Slug



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

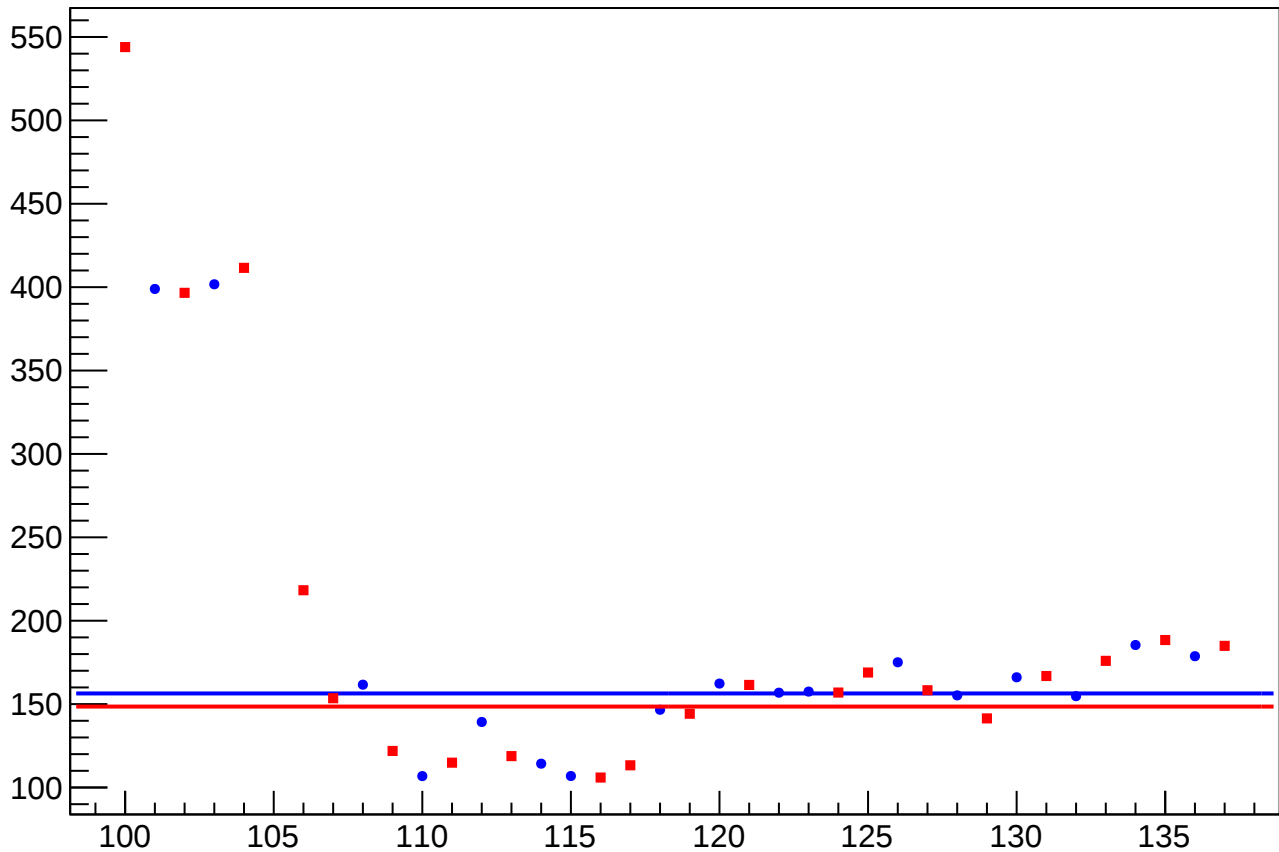
140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

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

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



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

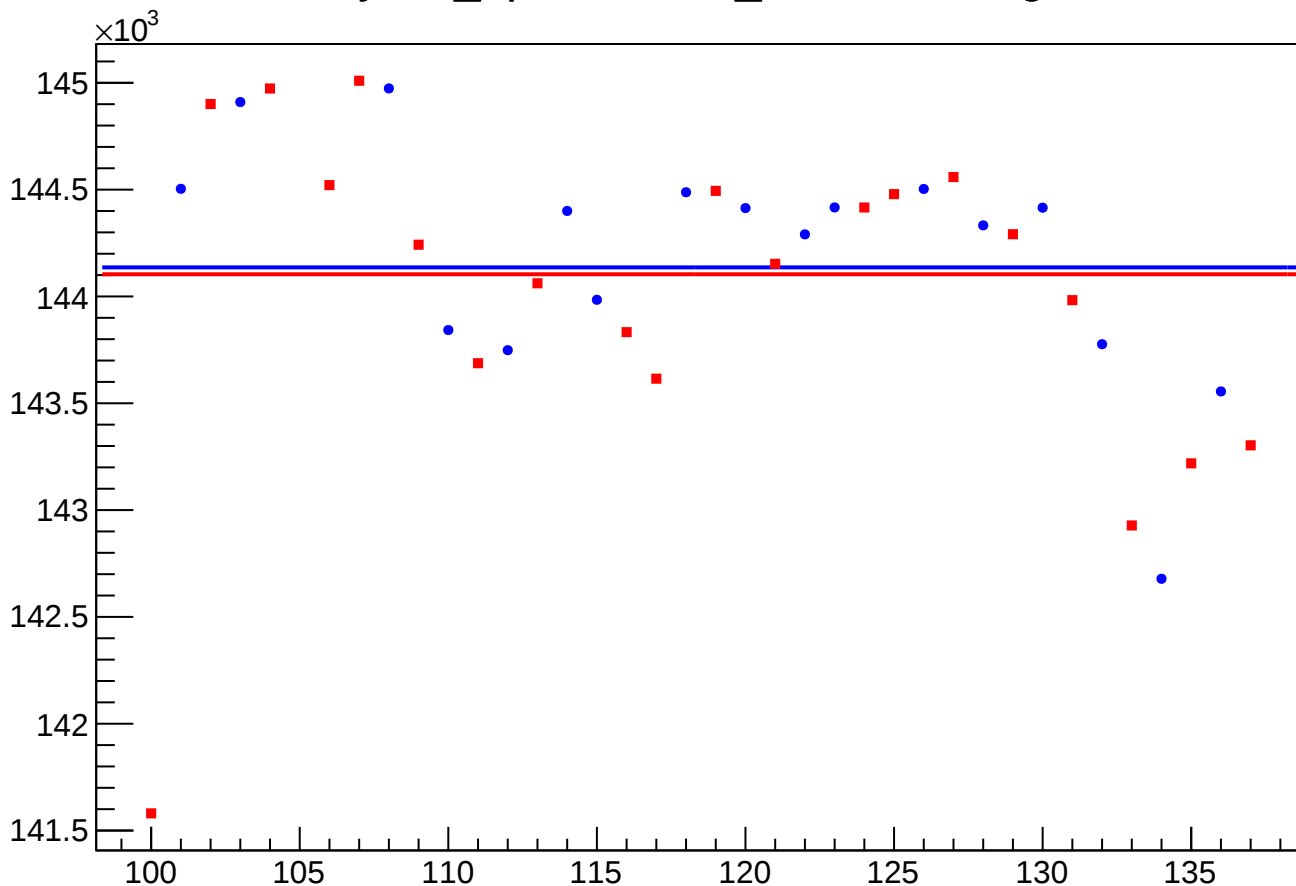
156.394 $\pm$ 0.046 χ^2 /NDF: 1154804.2/16

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

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

yield_bpm0l08WS_mean vs Slug



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

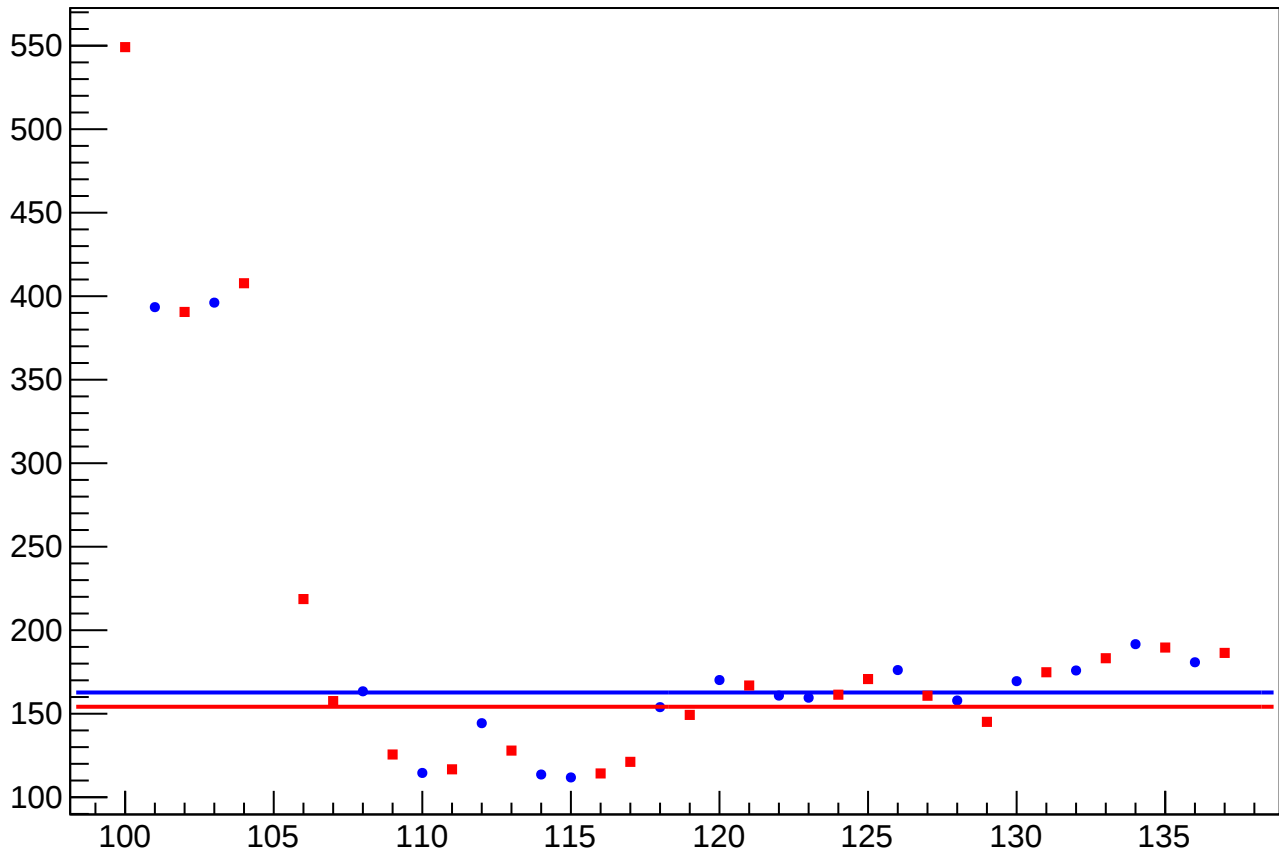
144136.118 $\pm$ 0.067 χ^2 /NDF: 47069480.3/16

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

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



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

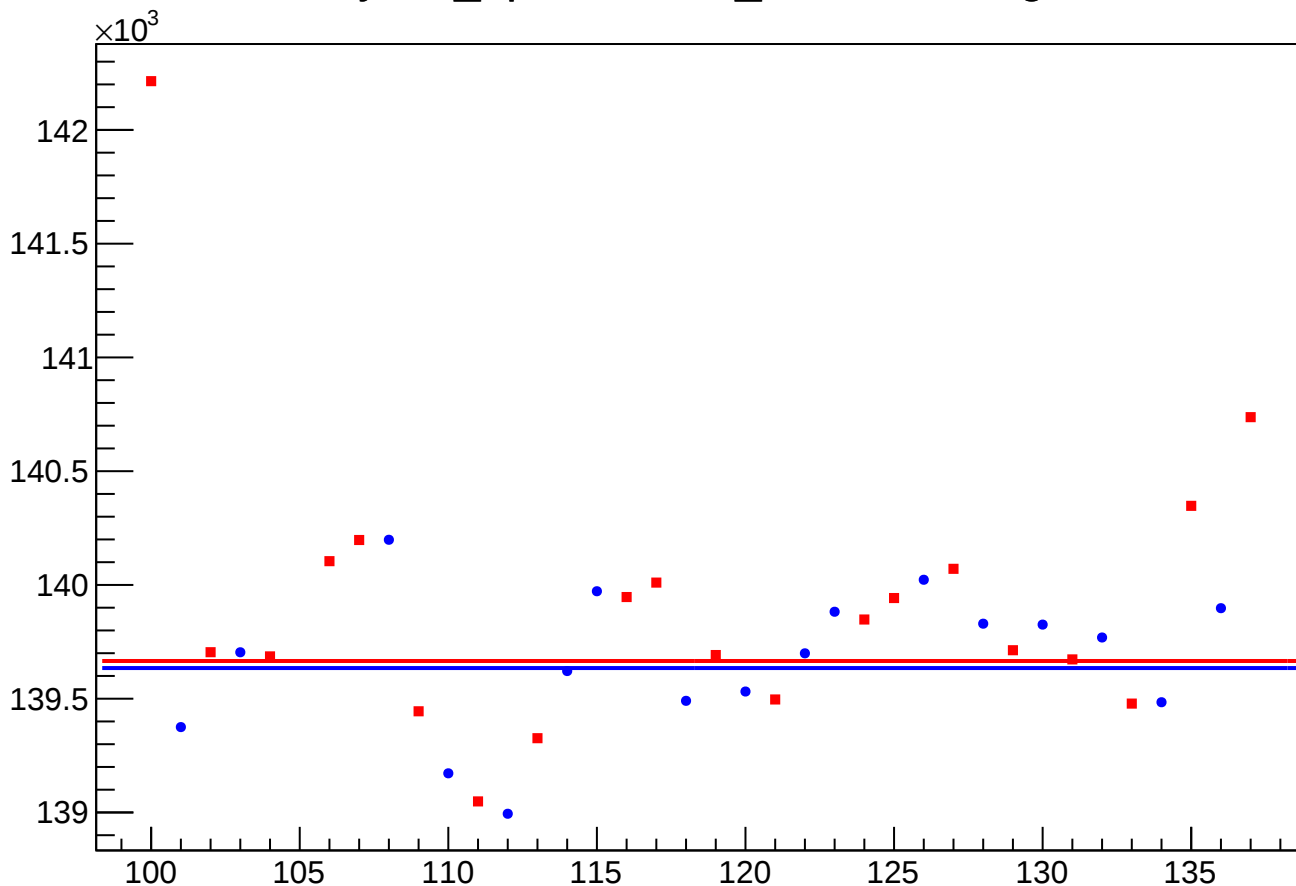
162.714 $\pm$ 0.047 χ^2 /NDF: 1066482.0/16

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

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

yield_bpm0l09WS_mean vs Slug



Right In: 139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

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

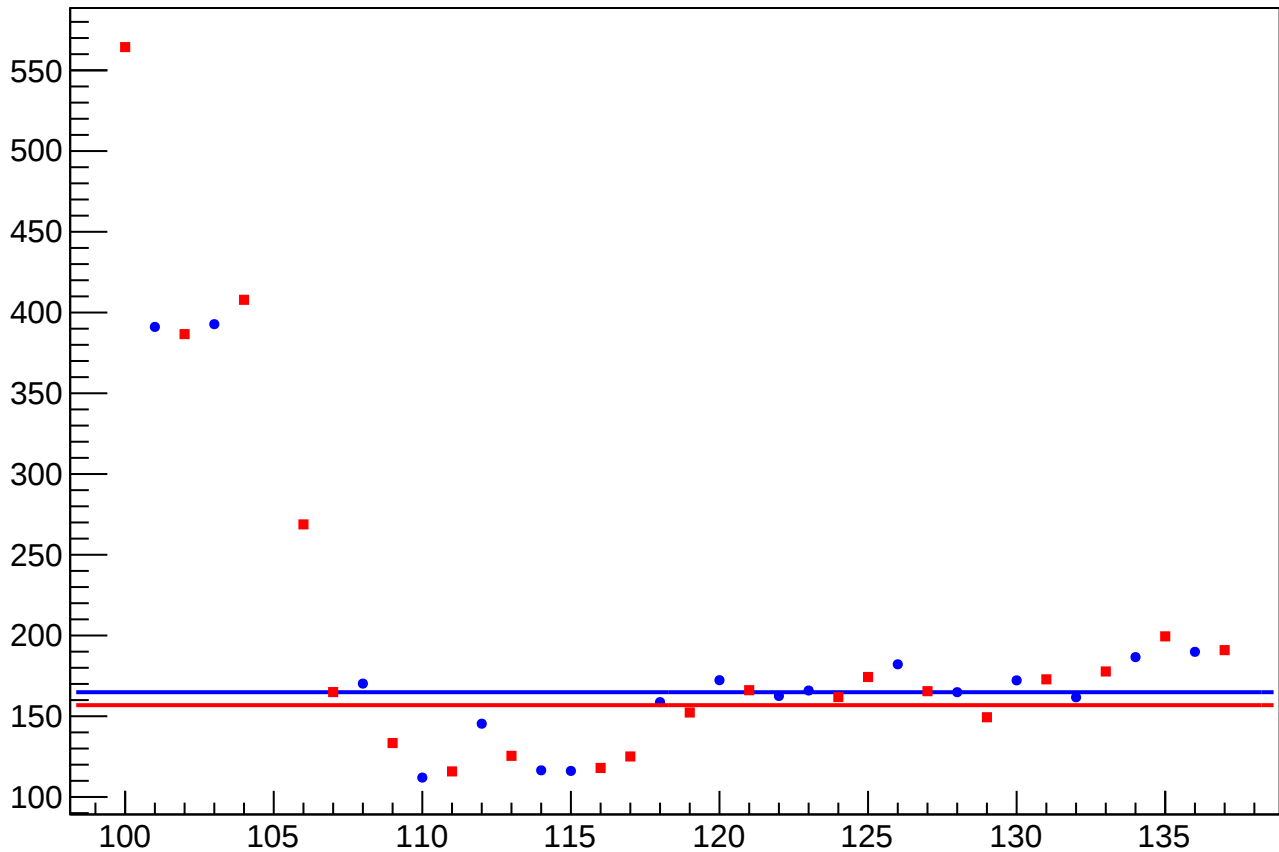
Right Out: 139665.743 $\pm$ 0.063 χ^2 /NDF: 38703726.2/19

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

139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

139665.743 $\pm$ 0.063 χ^2 /NDF: 38703726.2/19

yield_bpm0l09WS_rms vs Slug



Right In: 164.884 $\pm$ 0.048 χ^2 /NDF: 1066270.8/16

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

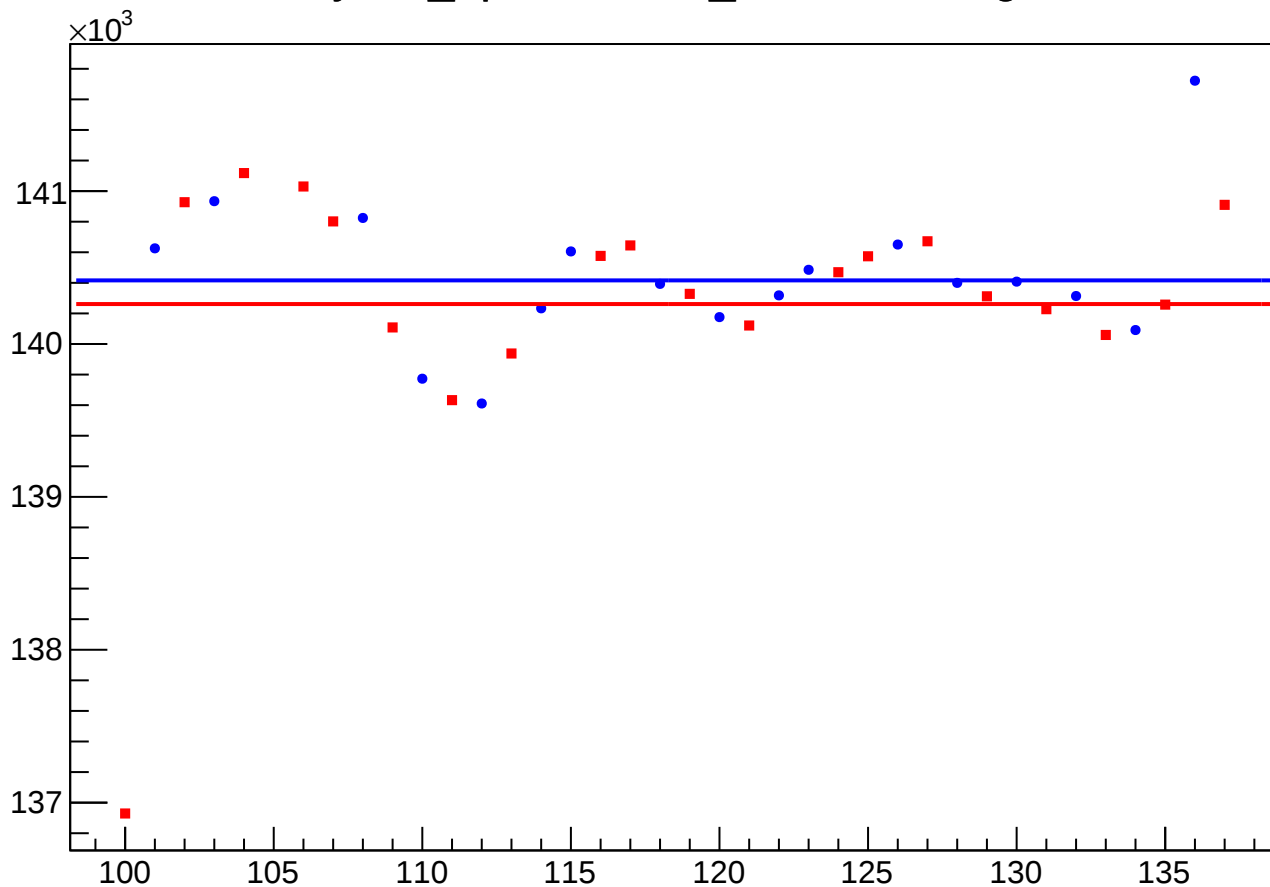
164.884 $\pm$ 0.048 χ^2 /NDF: 1066270.8/16

Right Out: 156.859 $\pm$ 0.044 χ^2 /NDF: 1250656.2/19

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

156.859 $\pm$ 0.044 χ^2 /NDF: 1250656.2/19

yield_bpm0l10WS_mean vs Slug



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

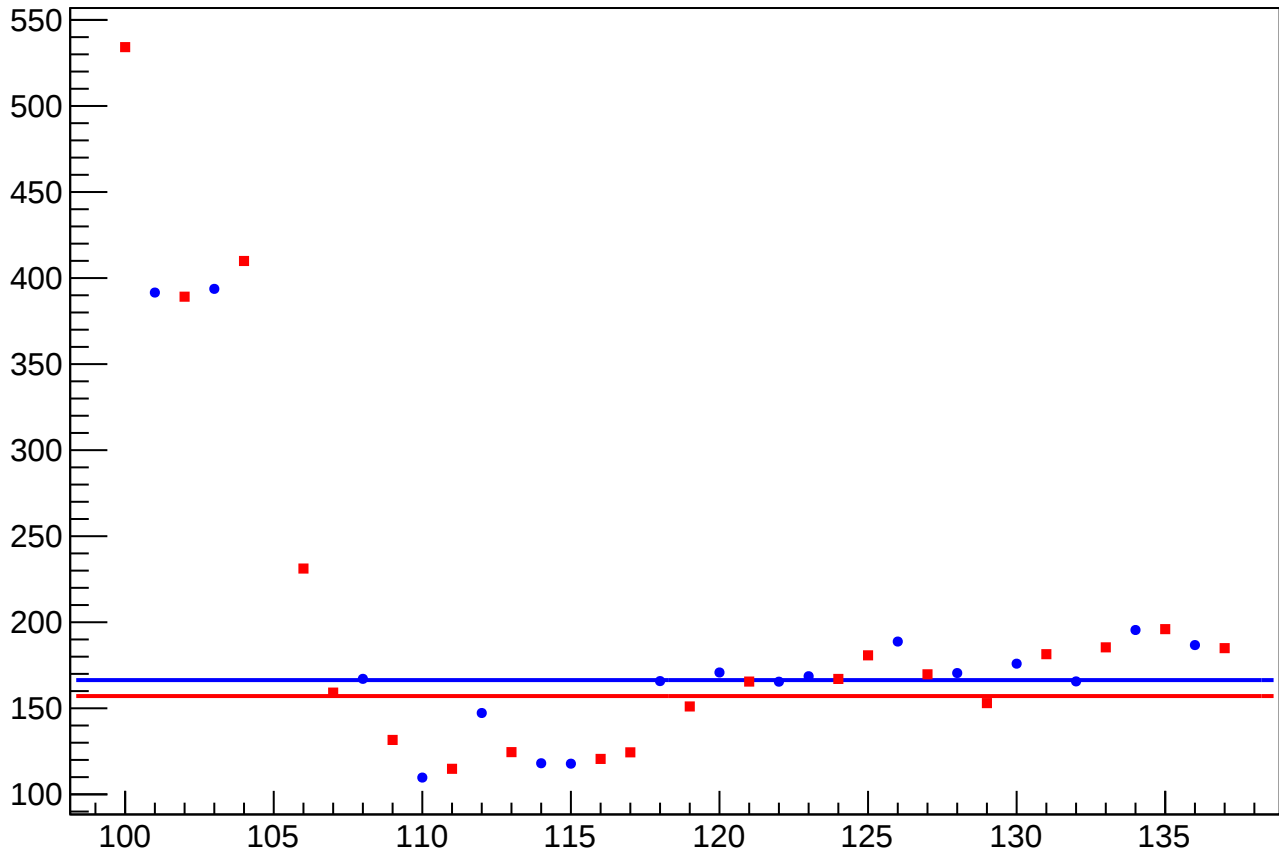
Right Out: 140261.267 $\pm$ 0.063 χ^2 /NDF: 38479140.4/19

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

140416.064 $\pm$ 0.068 χ^2 /NDF: 69975821.3/16

140261.267 $\pm$ 0.063 χ^2 /NDF: 38479140.4/19

yield_bpm0l10WS_rms vs Slug



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

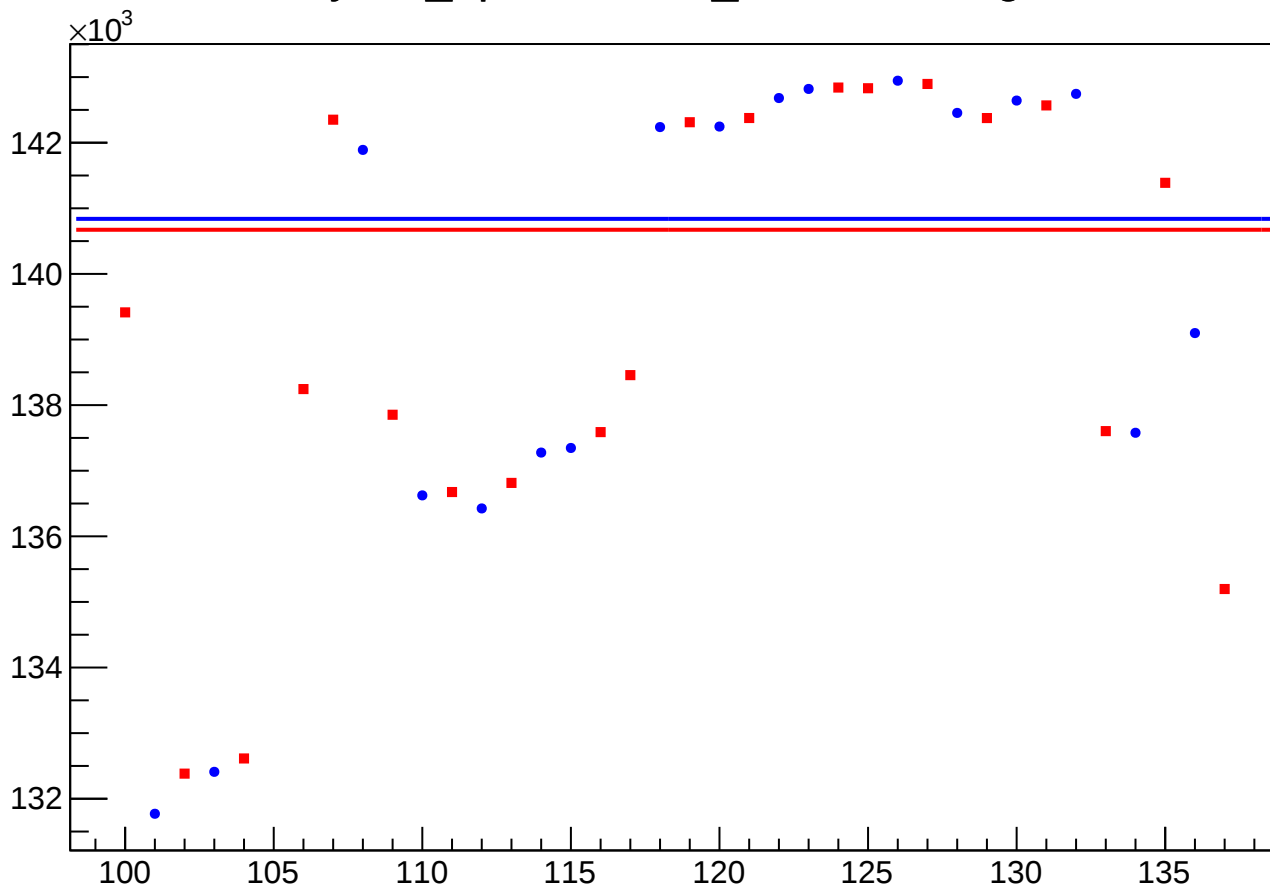
166.388 $\pm$ 0.048 χ^2 /NDF: 1080964.8/16

Right Out: 157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

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

yield_bpm0r03WS_mean vs Slug



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

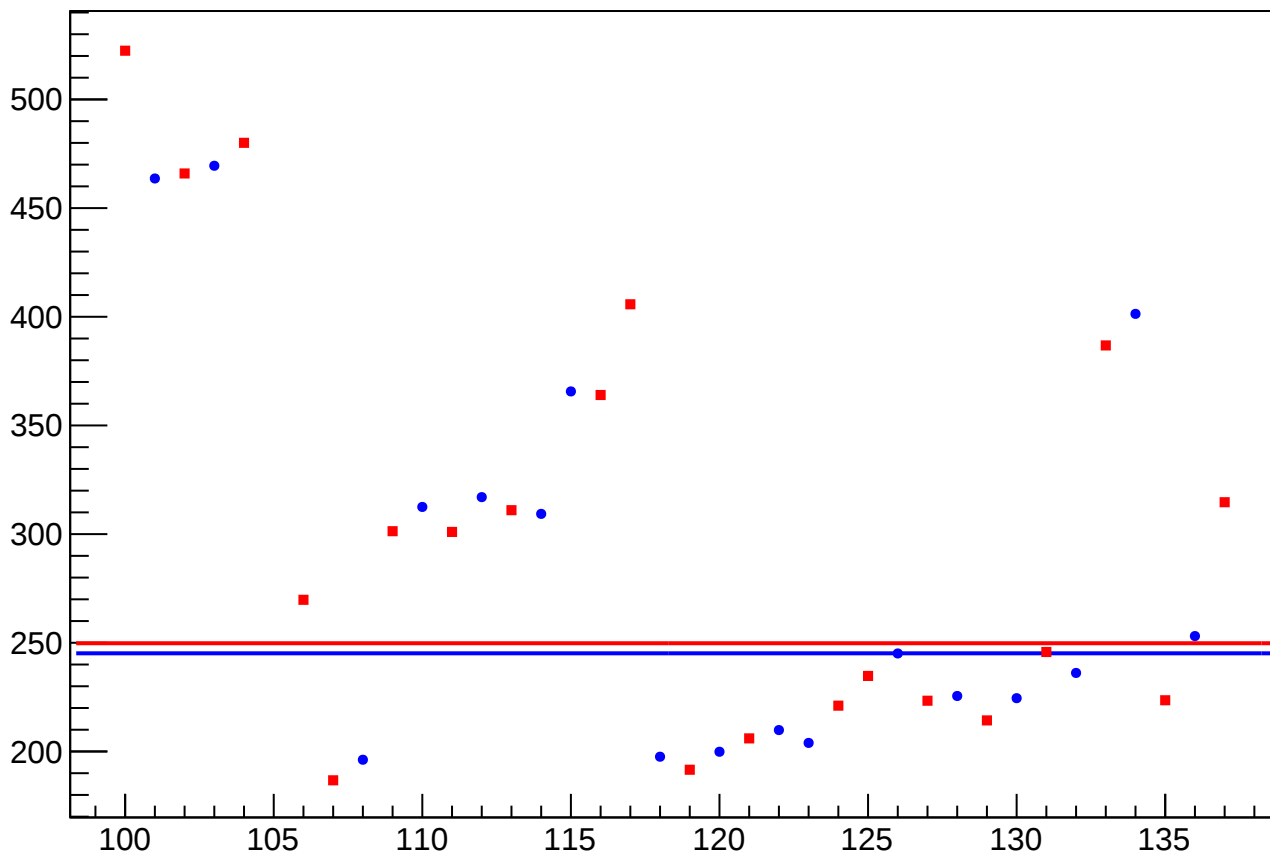
Right Out: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

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

140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

yield_bpm0r03WS_rms vs Slug



Right In: 245.159+/-0.071 χ^2/NDF : 869491.6/16

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

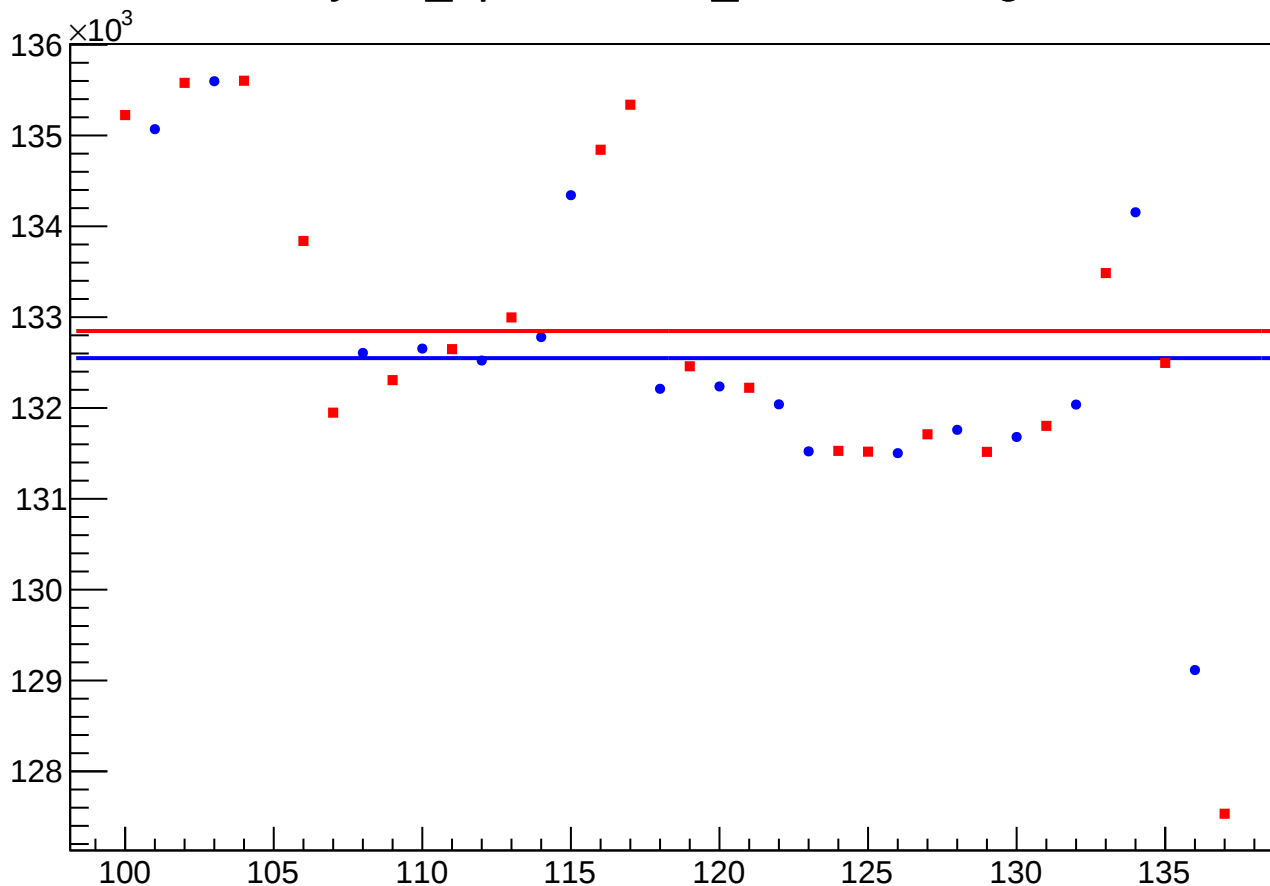
245.159+/-0.071 χ^2/NDF : 869491.6/16

Right Out: 249.792+/-0.070 χ^2/NDF : 1022316.0/19

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

249.792+/-0.070 χ^2/NDF : 1022316.0/19

yield_bpm0r05WS_mean vs Slug



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

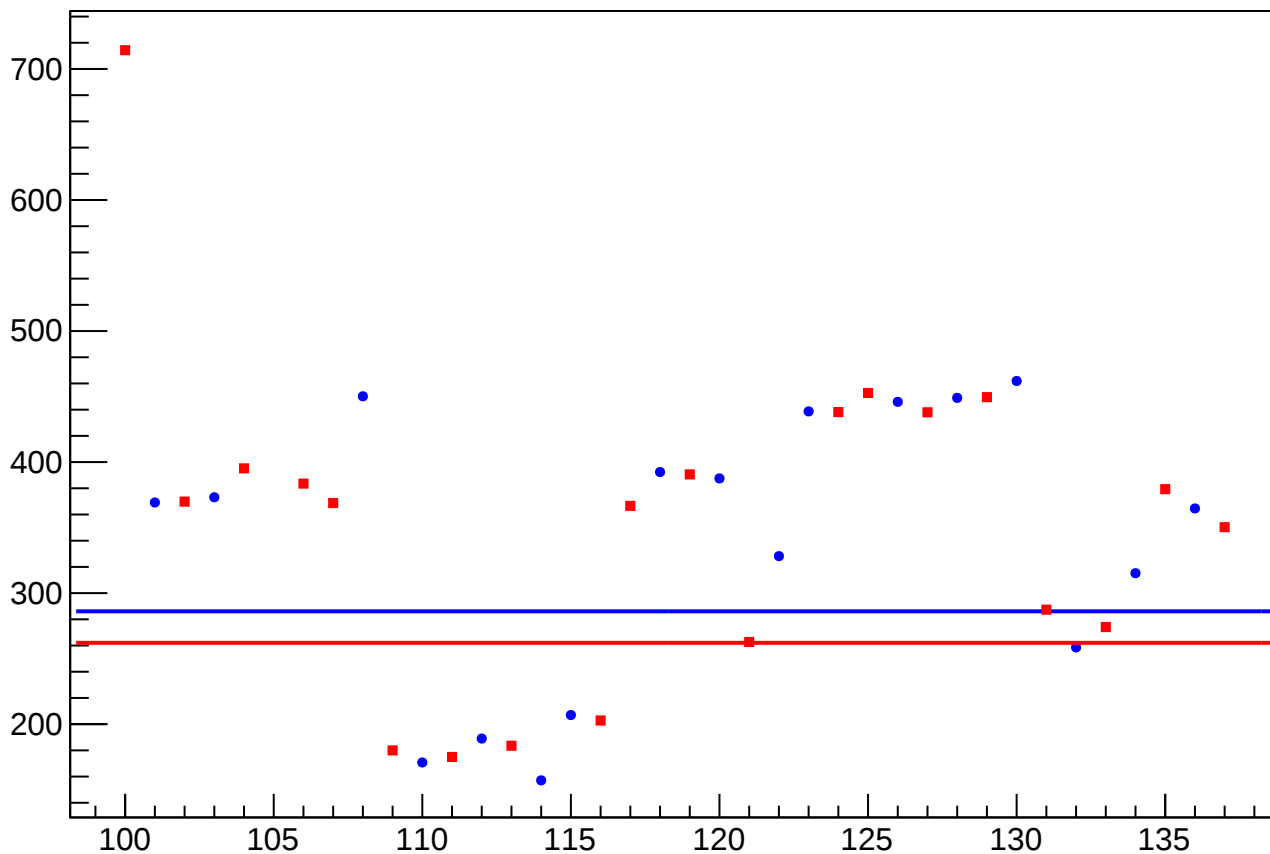
Right Out: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

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

132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

yield_bpm0r05WS_rms vs Slug



Right In: 286.122+/-0.084 χ^2/NDF : 1525266.4/16

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

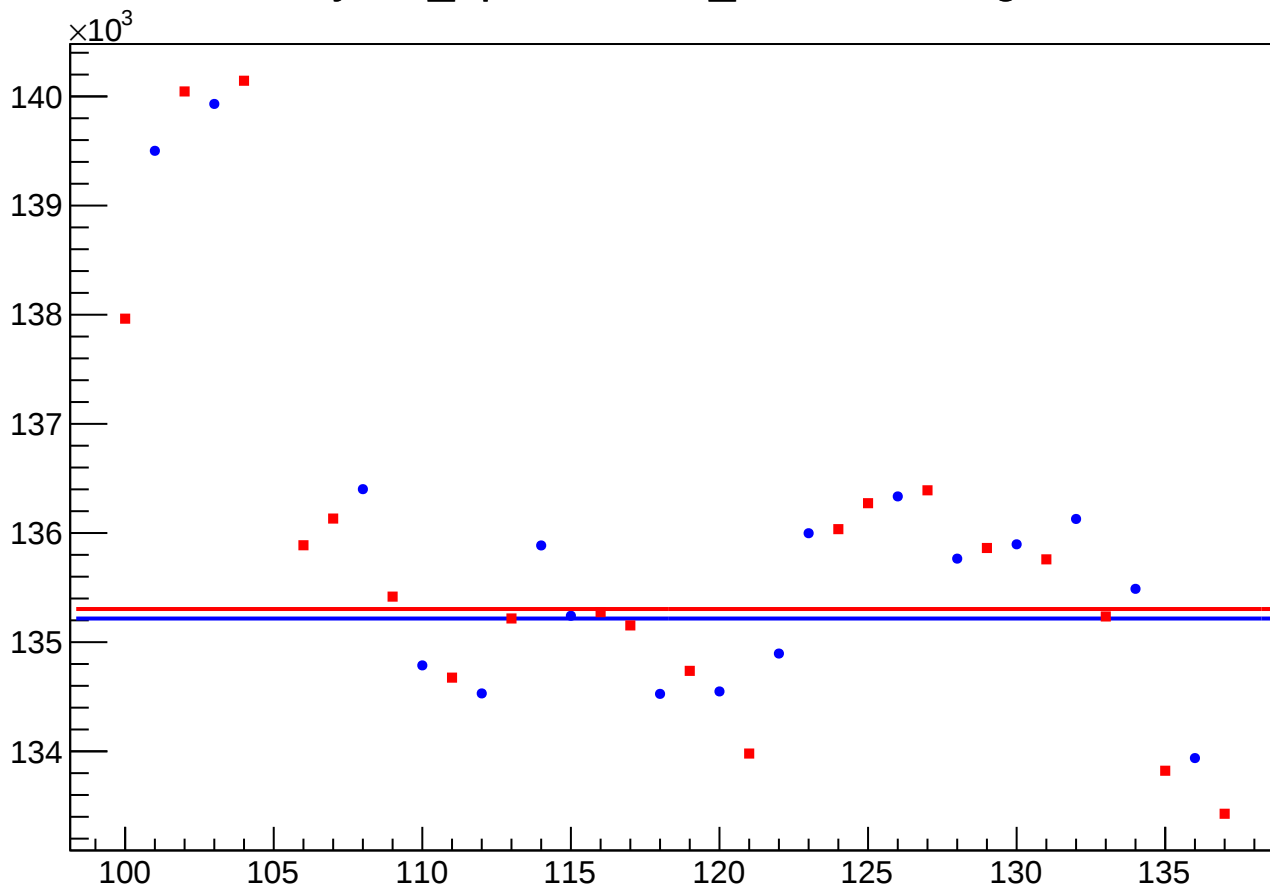
Right Out: 262.073+/-0.076 χ^2/NDF : 1630239.5/19

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

286.122+/-0.084 χ^2/NDF : 1525266.4/16

262.073+/-0.076 χ^2/NDF : 1630239.5/19

yield_bpm0i02WS_mean vs Slug



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

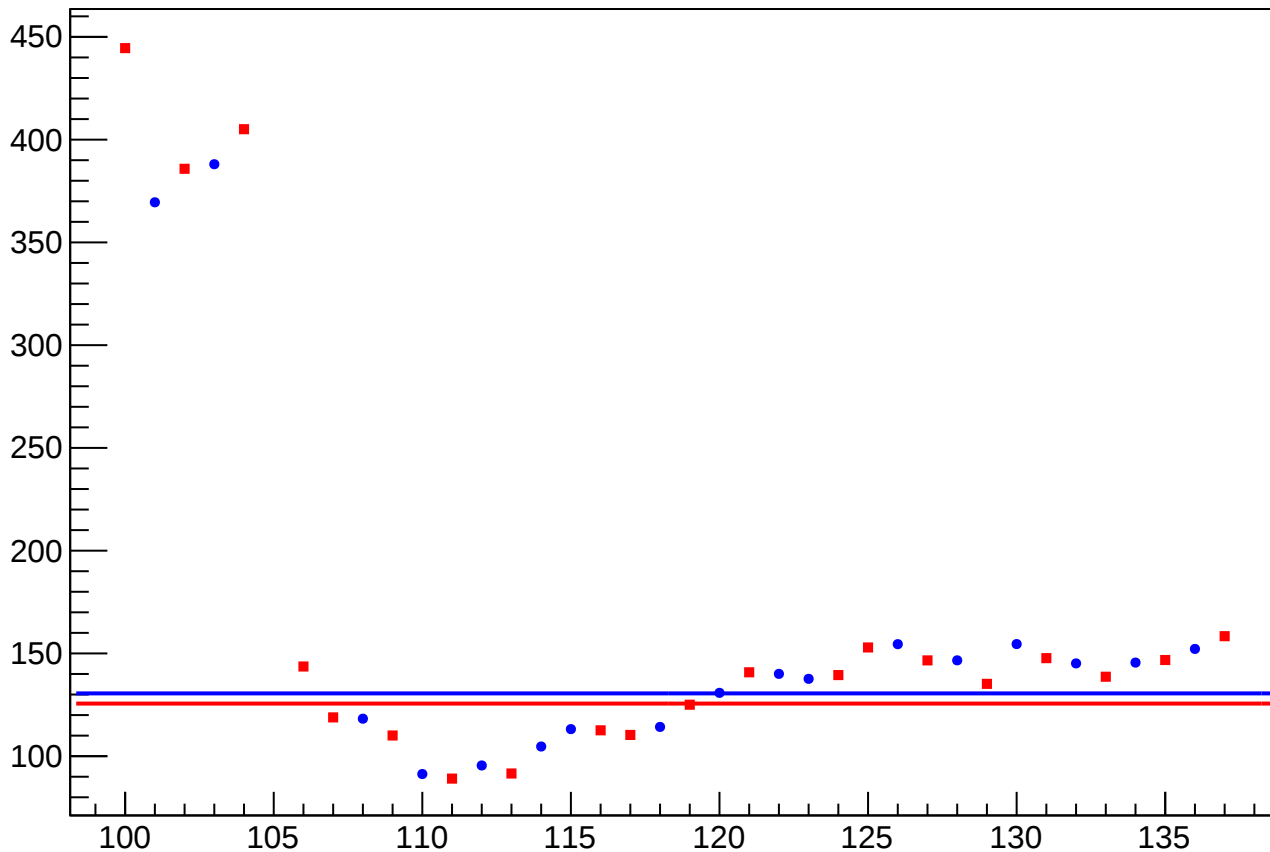
135216.588 $\pm$ 0.054 χ^2/NDF : 371347707.3/16

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



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

130.552 $\pm$ 0.038 χ^2 /NDF: 1373104.9/16

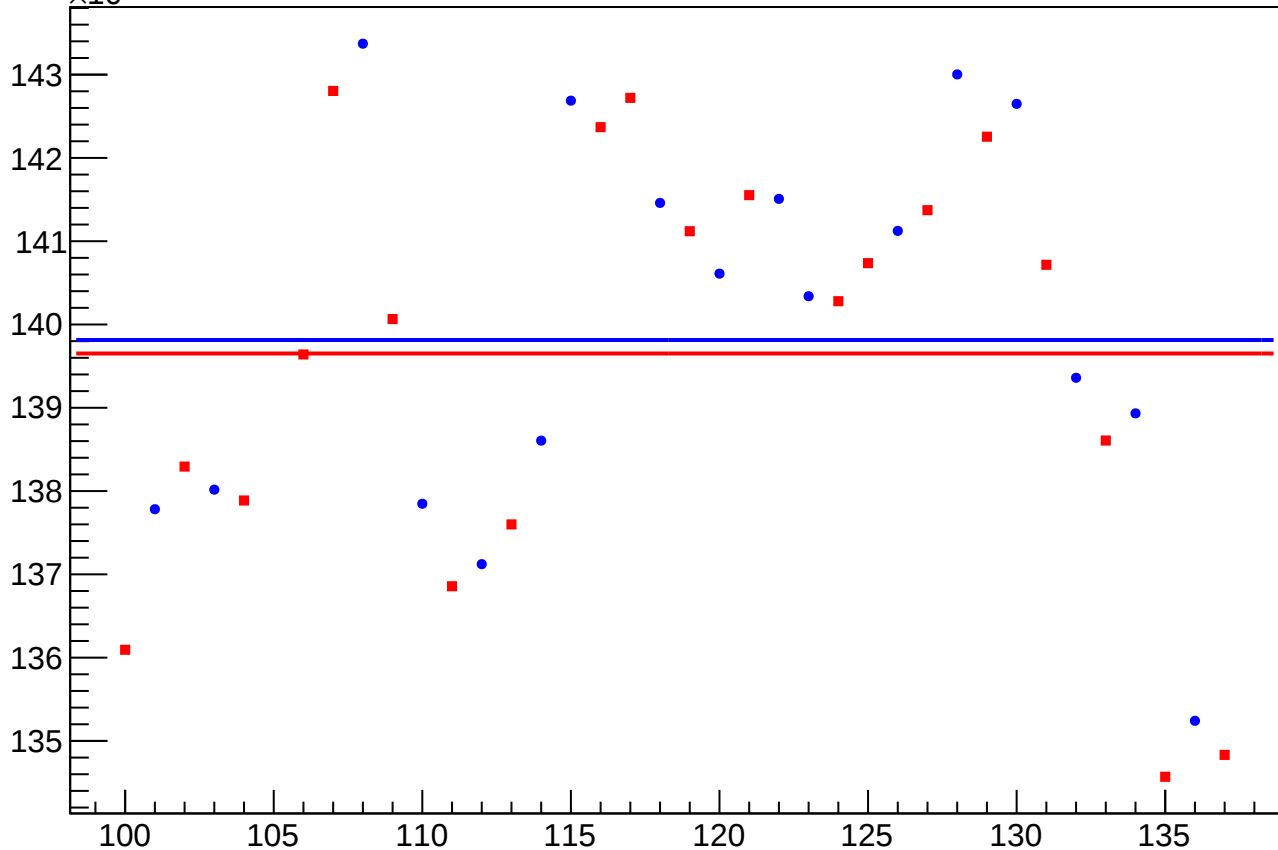
Right Out: 125.603 $\pm$ 0.036 χ^2 /NDF: 1441677.4/19

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

125.603 $\pm$ 0.036 χ^2 /NDF: 1441677.4/19

yield_bpm0i02aWS_mean vs Slug

$\times 10^3$



Right In: 139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

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

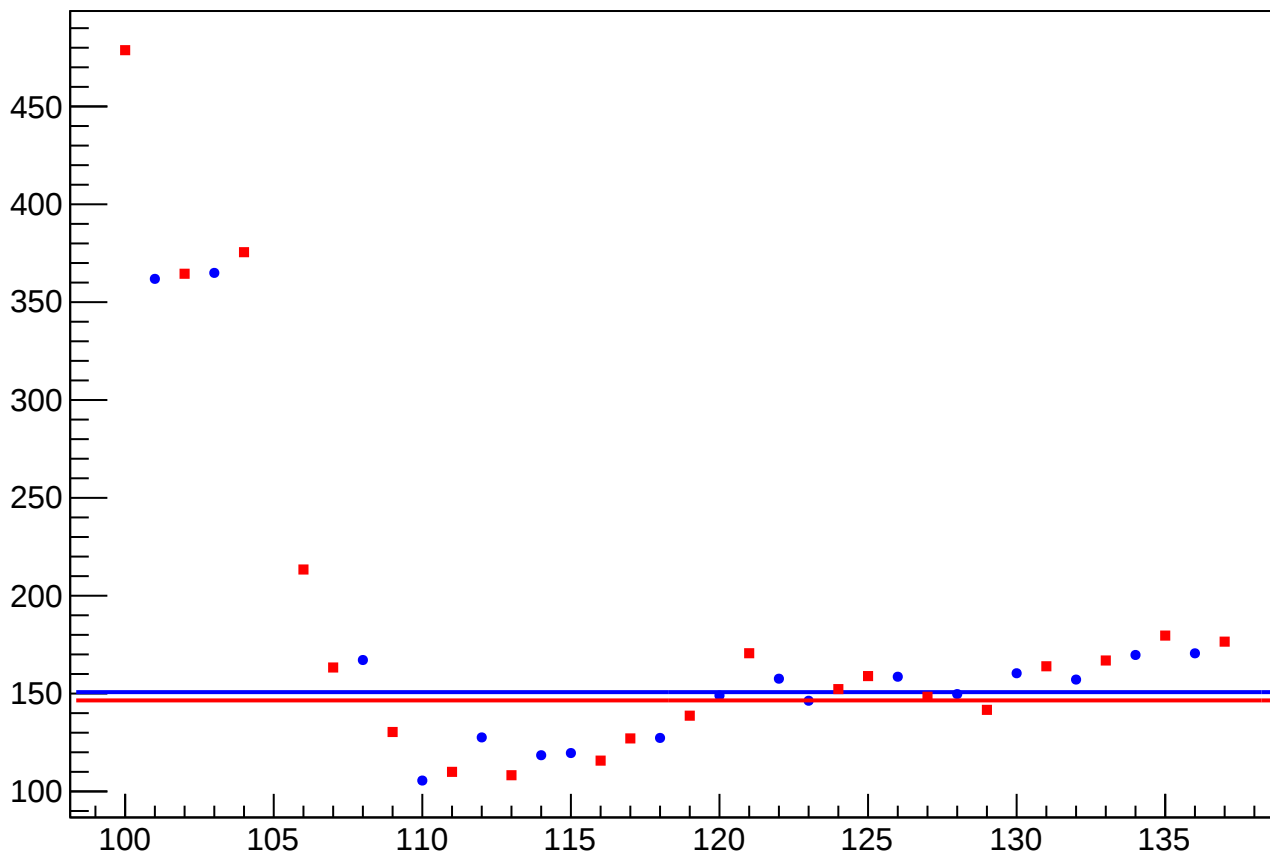
Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

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

139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

yield_bpm0i02aWS_rms vs Slug



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

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

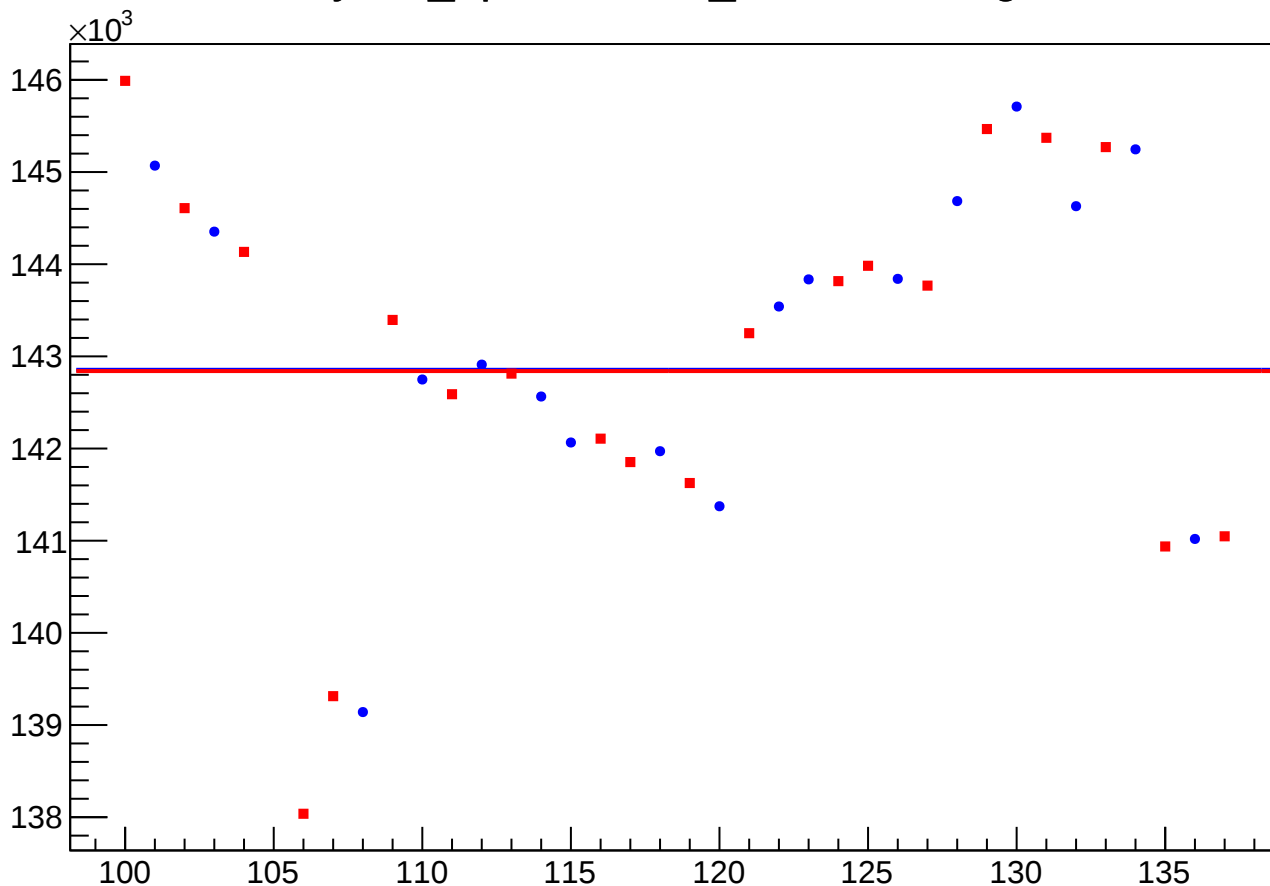
150.733+/-0.044 χ^2/NDF : 1050071.6/16

Right Out: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

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

146.506+/-0.042 χ^2/NDF : 1205131.2/19

yield_bpm0i05WS_mean vs Slug



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

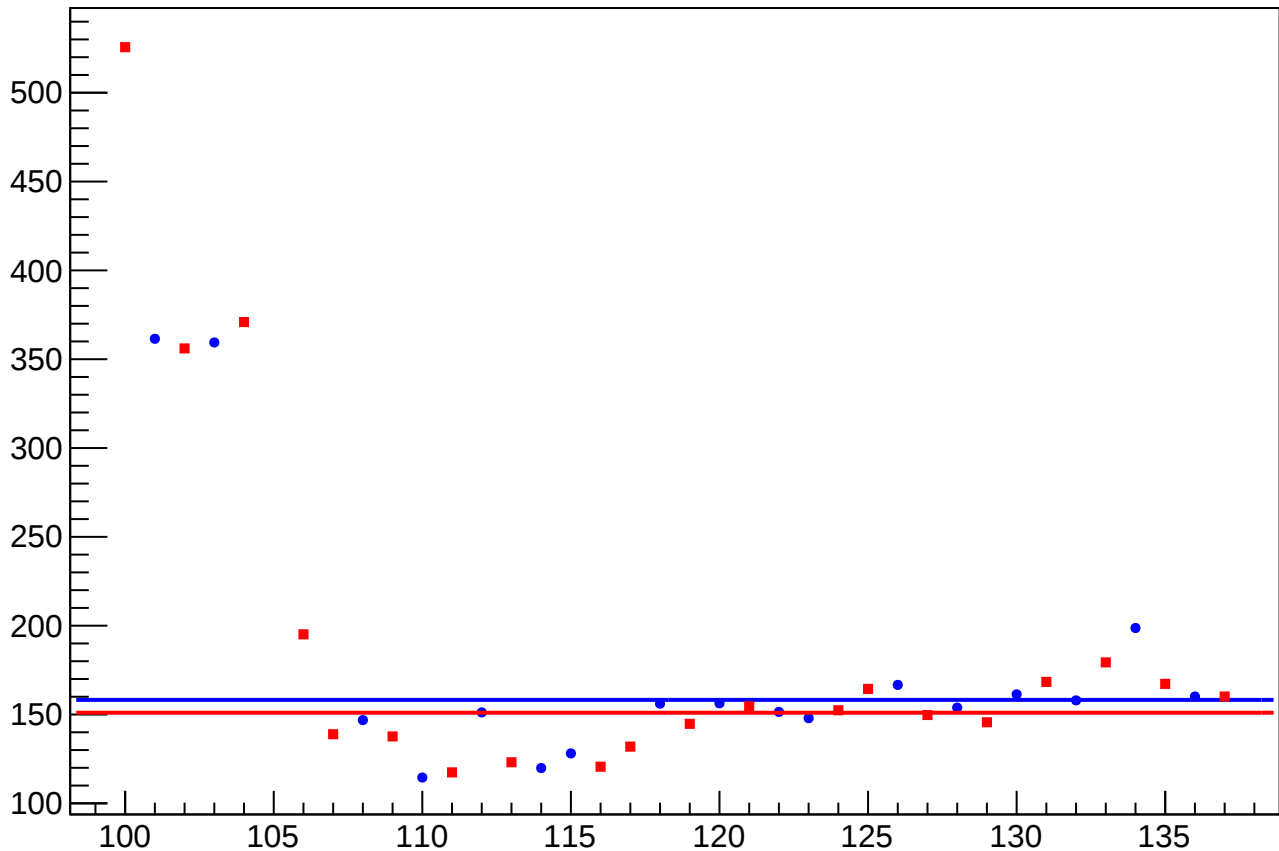
Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

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

142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

yield_bpm0i05WS_rms vs Slug



Right In: 158.233 $\pm$ 0.046 χ^2 /NDF: 883513.4/16

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

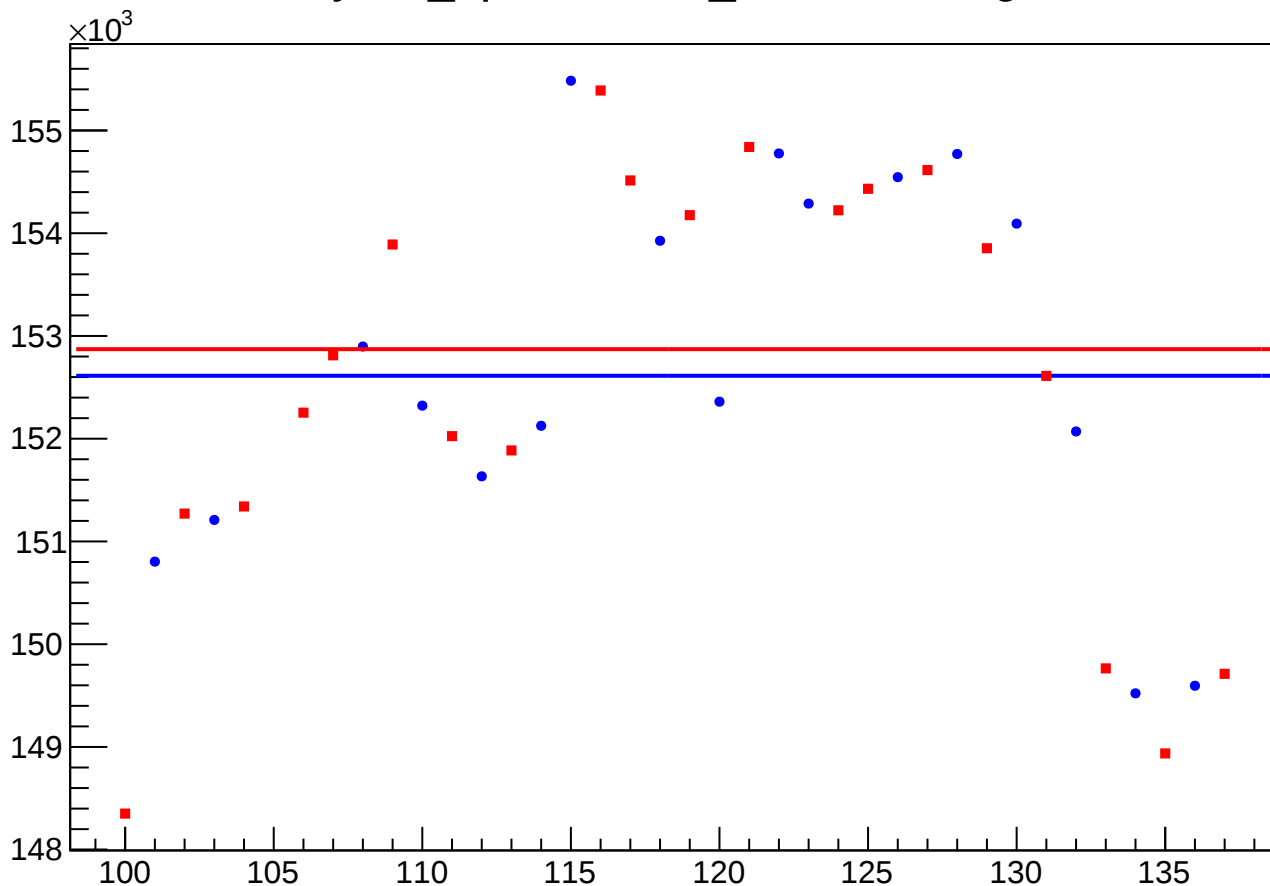
Right Out: 151.003 $\pm$ 0.043 χ^2 /NDF: 1005104.9/19

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

158.233 $\pm$ 0.046 χ^2 /NDF: 883513.4/16

151.003 $\pm$ 0.043 χ^2 /NDF: 1005104.9/19

yield_bpm0i07WS_mean vs Slug



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

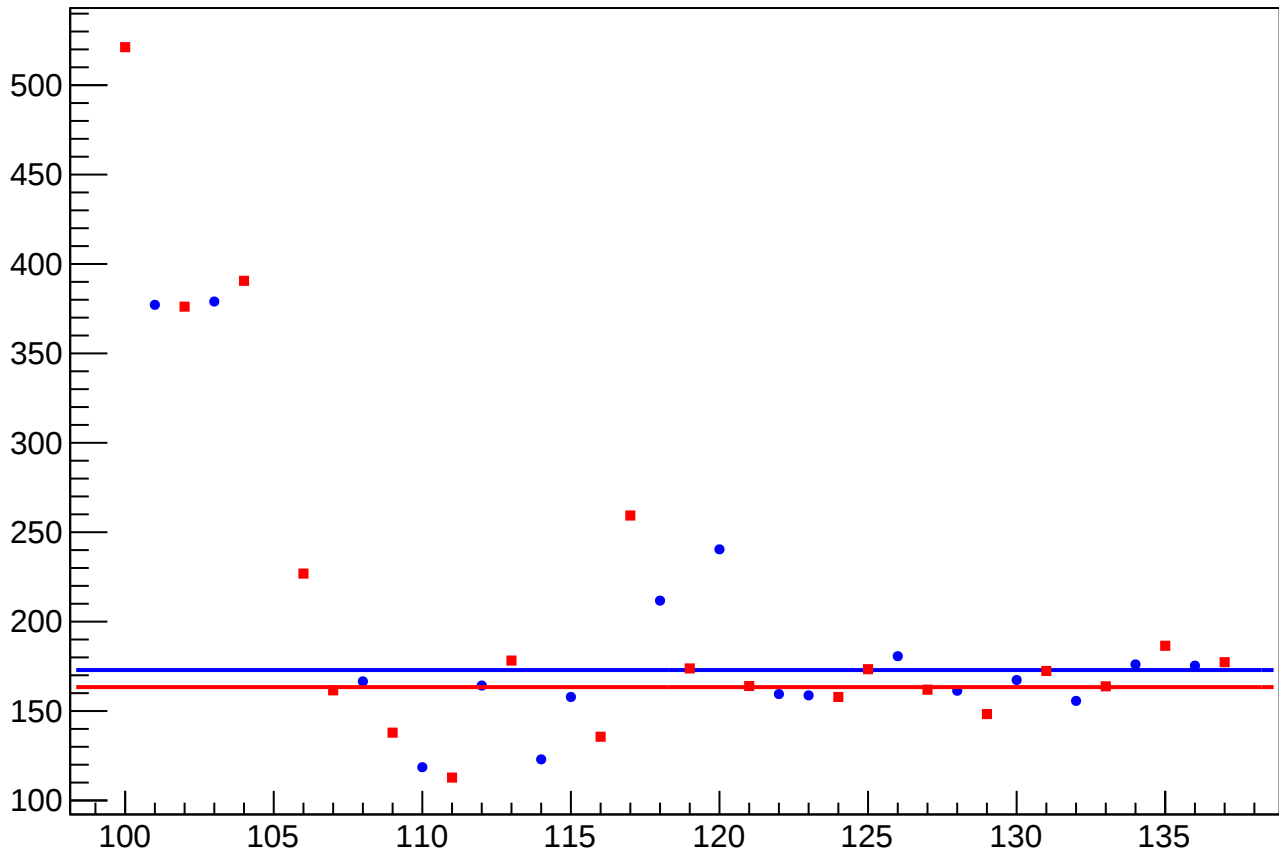
Right Out: 152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

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

152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

yield_bpm0i07WS_rms vs Slug



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

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

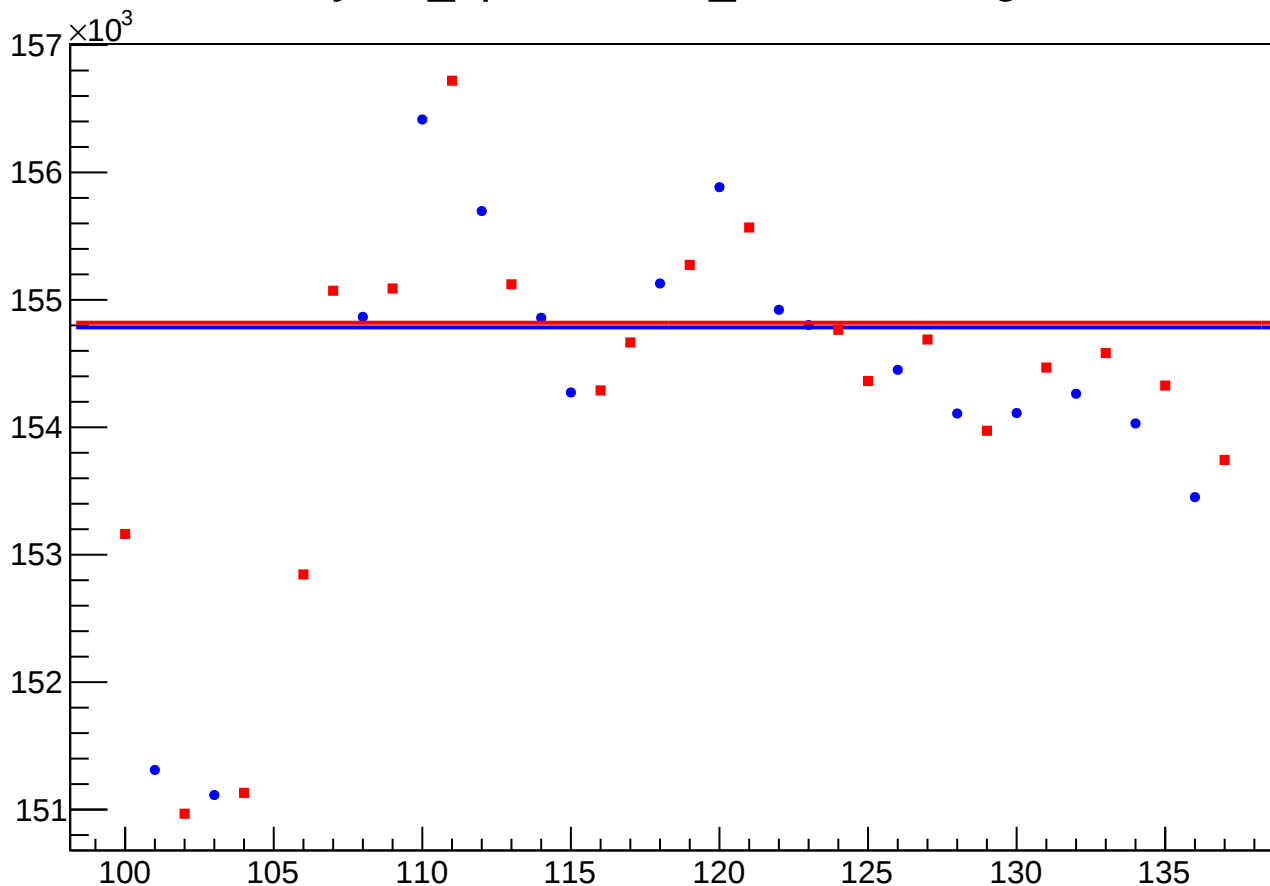
172.921+/-0.051 χ^2/NDF : 941954.0/16

Right Out: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.382+/-0.047 χ^2/NDF : 1044431.2/19

yield_bpm1i02WS_mean vs Slug



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

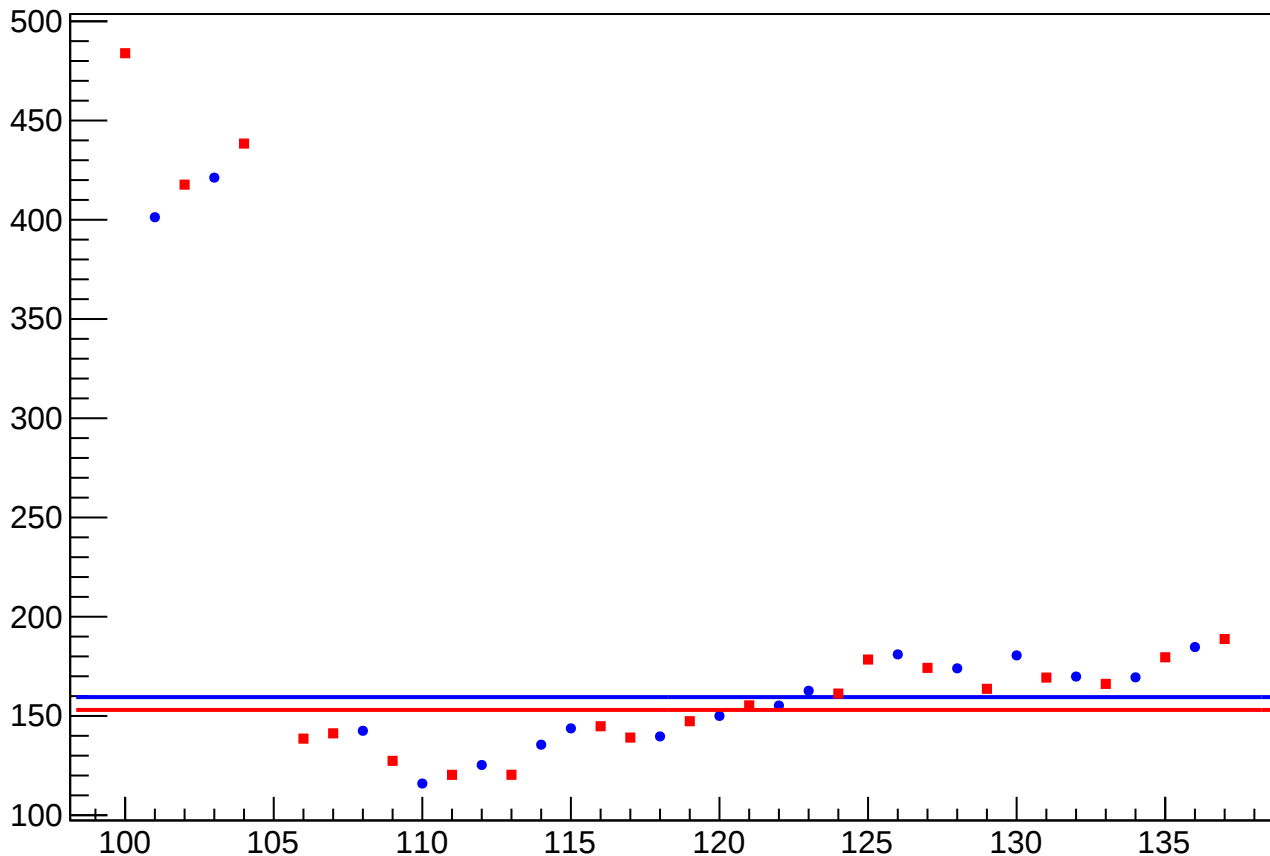
Right Out: 154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

154783.944 $\pm$ 0.065 χ^2 /NDF: 265581398.0/16

154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

yield_bpm1i02WS_rms vs Slug



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

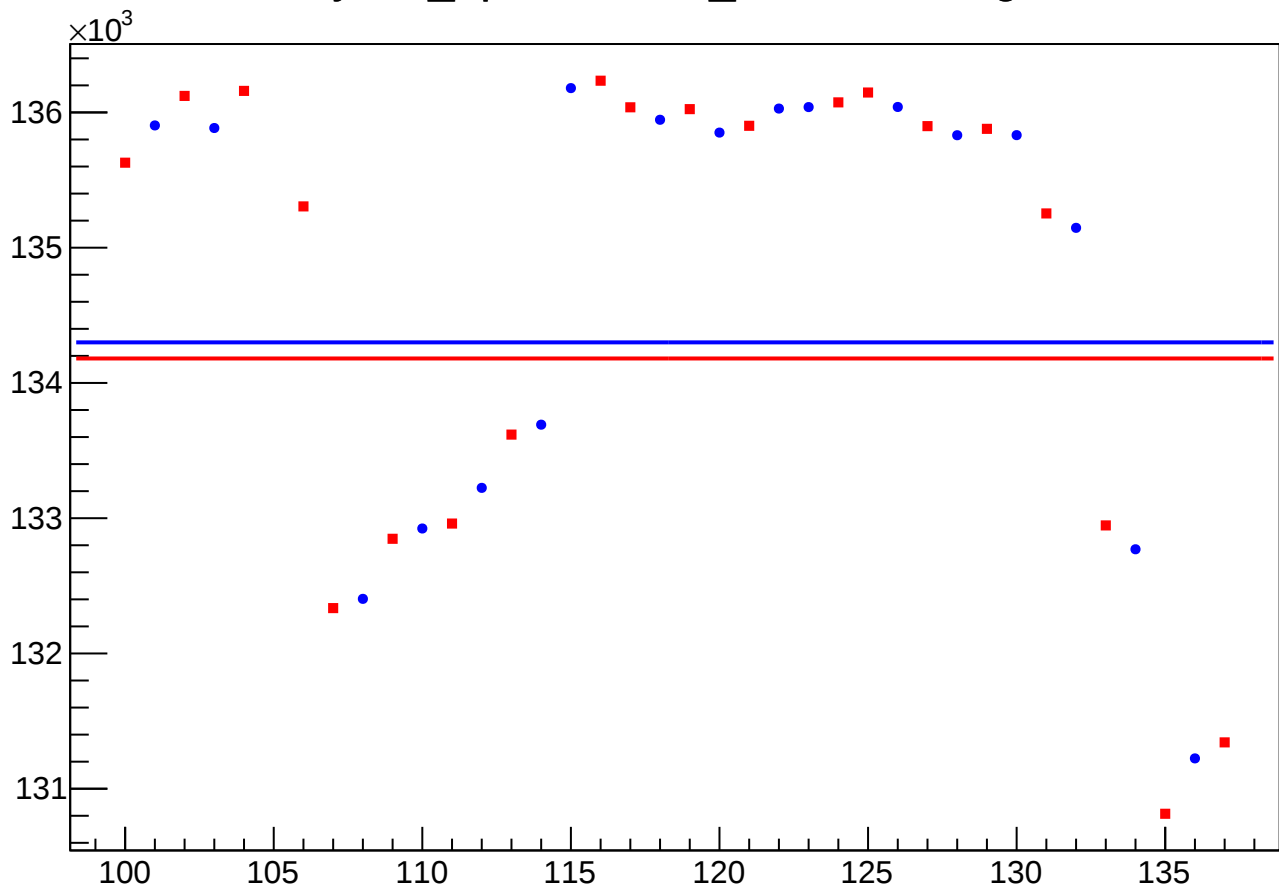
159.504 $\pm$ 0.046 χ^2 /NDF: 1131844.5/16

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

153.038 $\pm$ 0.043 χ^2 /NDF: 1174616.4/19

yield_bpm1i04WS_mean vs Slug



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

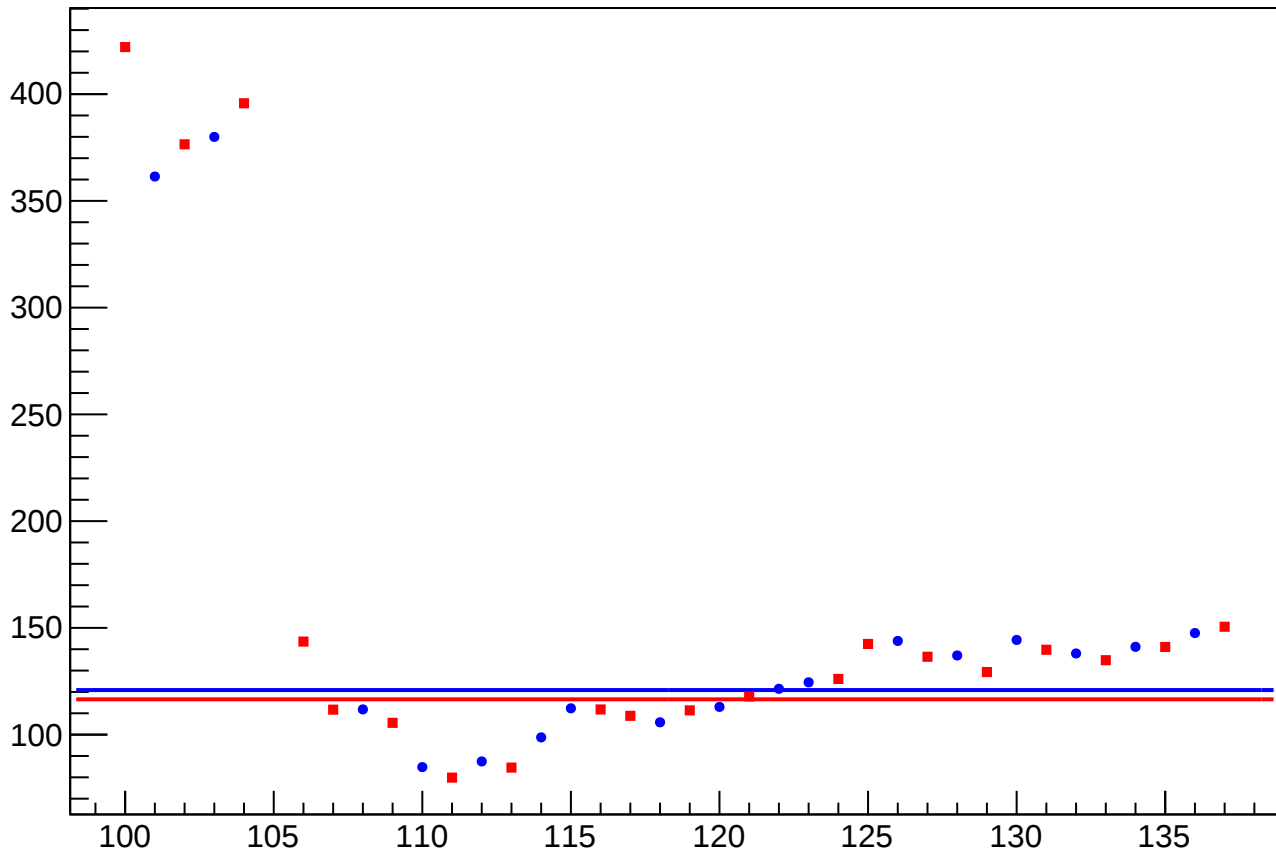
Right Out: 134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

yield_bpm1i04WS_rms vs Slug



Right In: 120.872 $\pm$ 0.036 χ^2 /NDF: 1463728.4/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

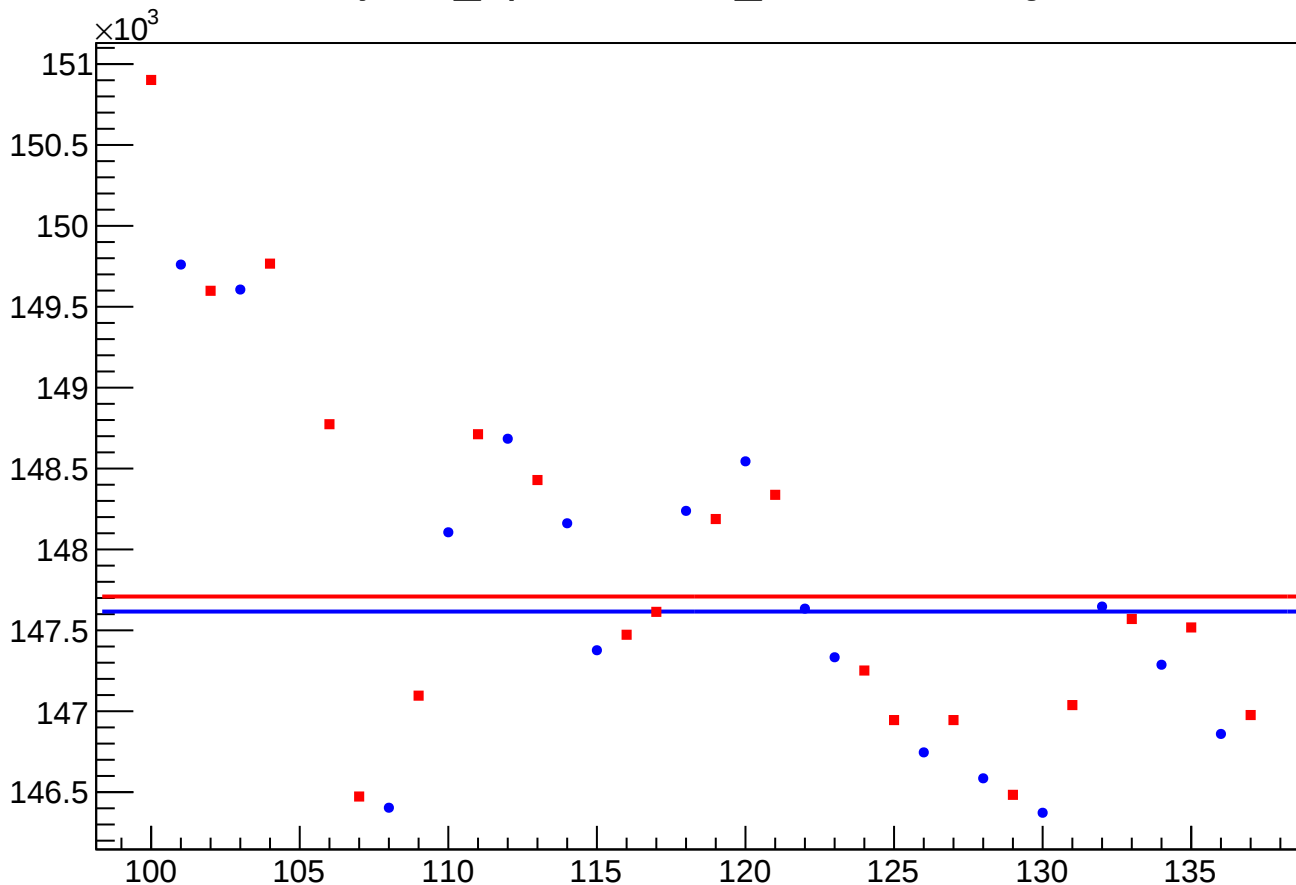
120.872 $\pm$ 0.036 χ^2 /NDF: 1463728.4/16

Right Out: 116.531 $\pm$ 0.033 χ^2 /NDF: 1541779.4/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.531 $\pm$ 0.033 χ^2 /NDF: 1541779.4/19

yield_bpm1i06WS_mean vs Slug



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

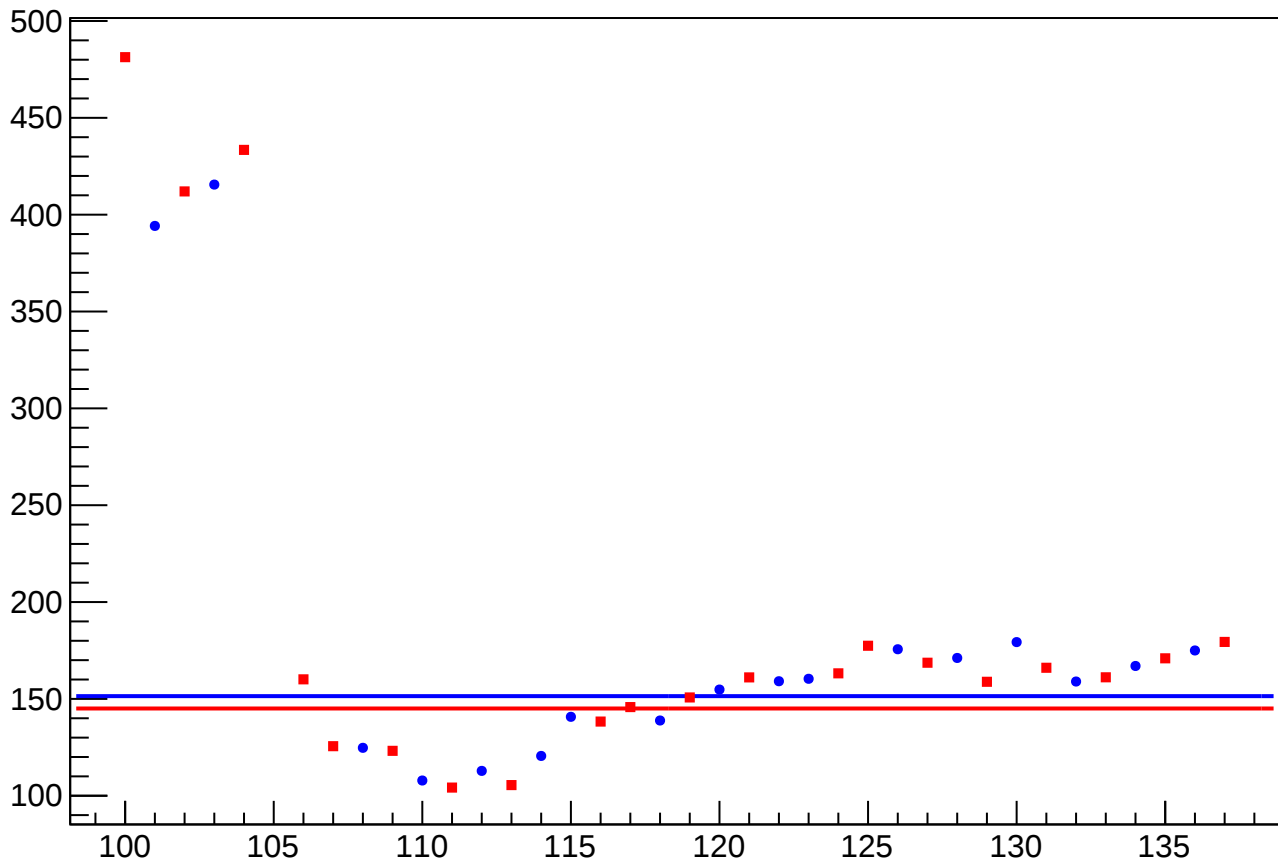
Right Out: 147709.096 $\pm$ 0.058 χ^2/NDF : 203924272.1/19

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

147616.150 $\pm$ 0.062 χ^2/NDF : 199263428.7/16

147709.096 $\pm$ 0.058 χ^2/NDF : 203924272.1/19

yield_bpm1i06WS_rms vs Slug



Right In: 151.424 $\pm$ 0.044 χ^2 /NDF: 1257843.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

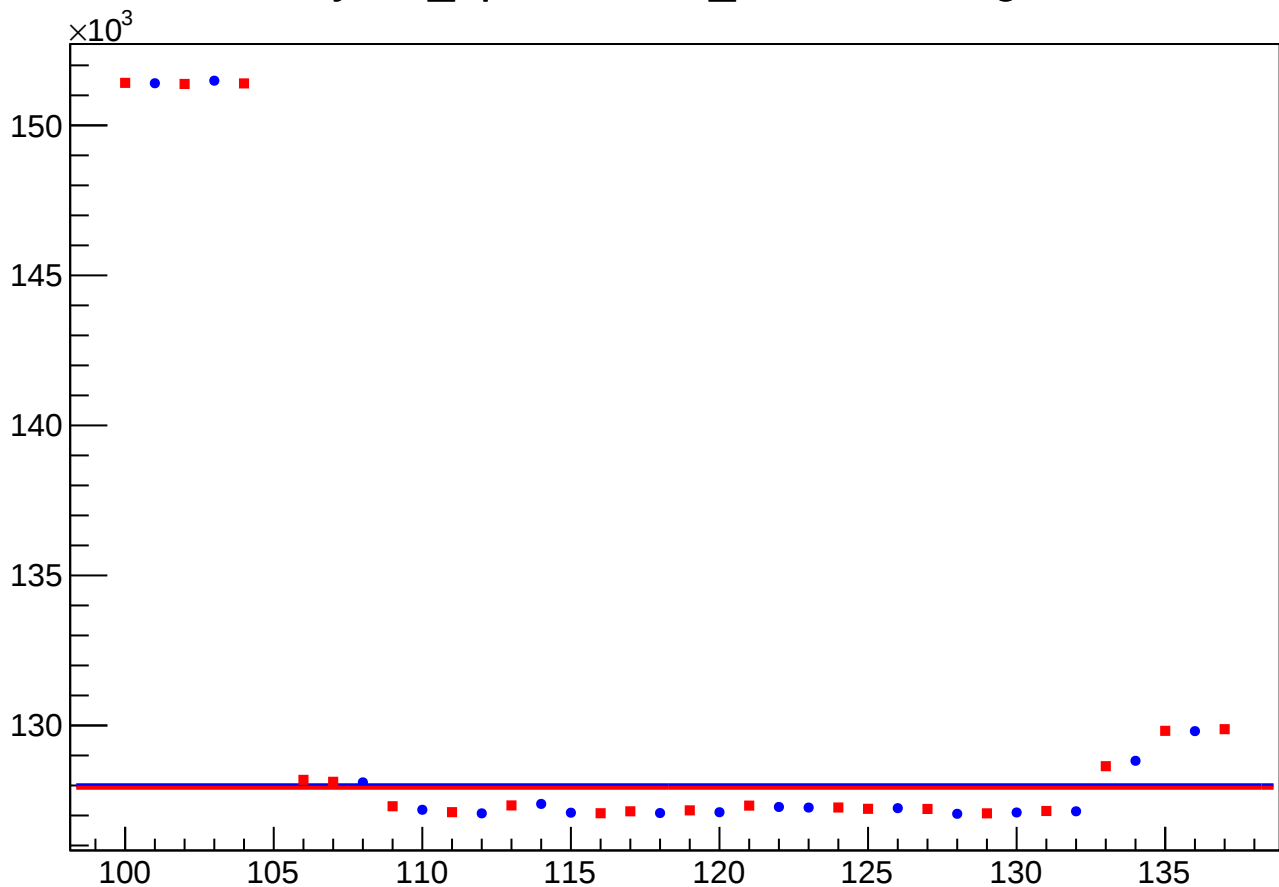
151.424 $\pm$ 0.044 χ^2 /NDF: 1257843.0/16

Right Out: 145.044 $\pm$ 0.041 χ^2 /NDF: 1375974.1/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

145.044 $\pm$ 0.041 χ^2 /NDF: 1375974.1/19

yield_bpm2i01WS_mean vs Slug



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

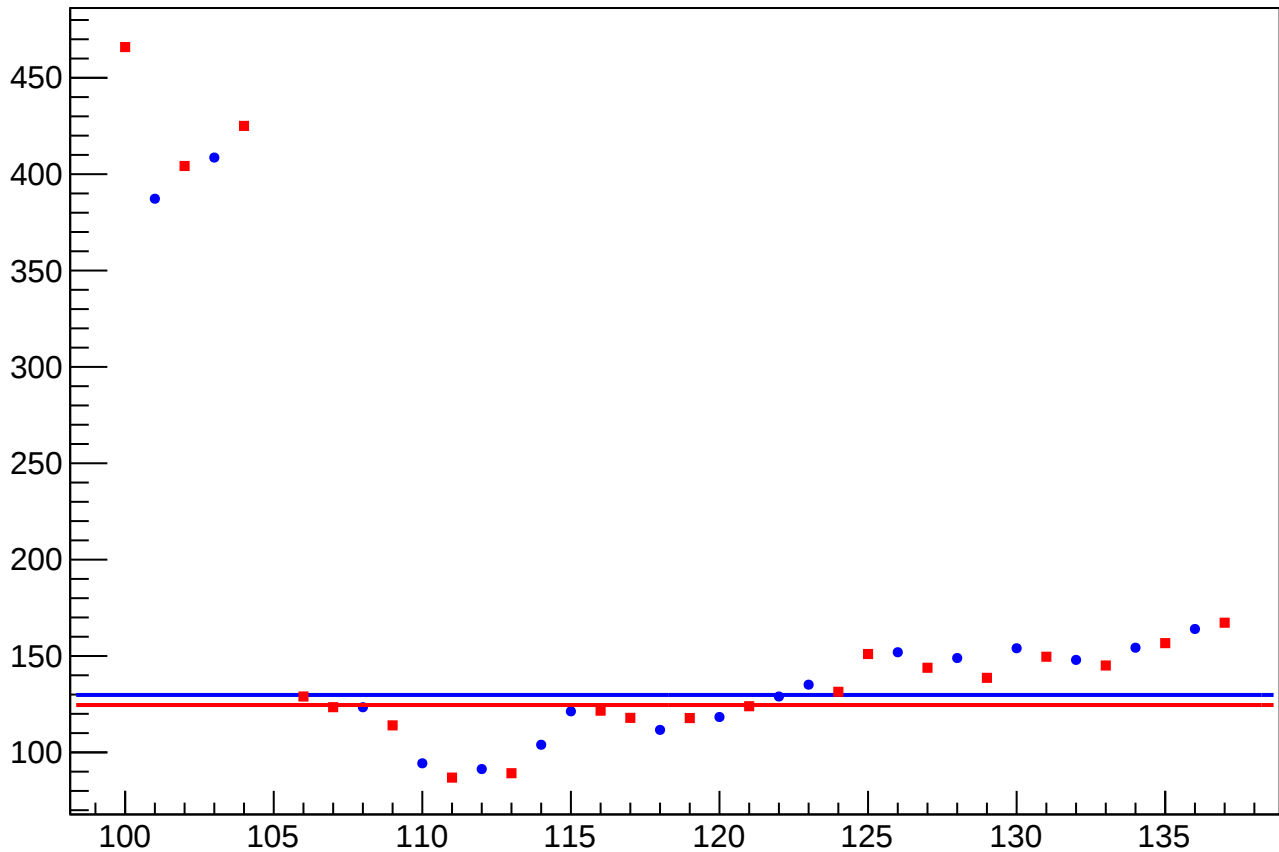
Right Out: 127923.940 $\pm$ 0.050 χ^2 /NDF: 3770107280.1/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128007.364 $\pm$ 0.054 χ^2 /NDF: 4319785674.5/16

127923.940 $\pm$ 0.050 χ^2 /NDF: 3770107280.1/19

yield_bpm2i01WS_rms vs Slug



Right In: 129.796 $\pm$ 0.038 χ^2 /NDF: 1485294.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

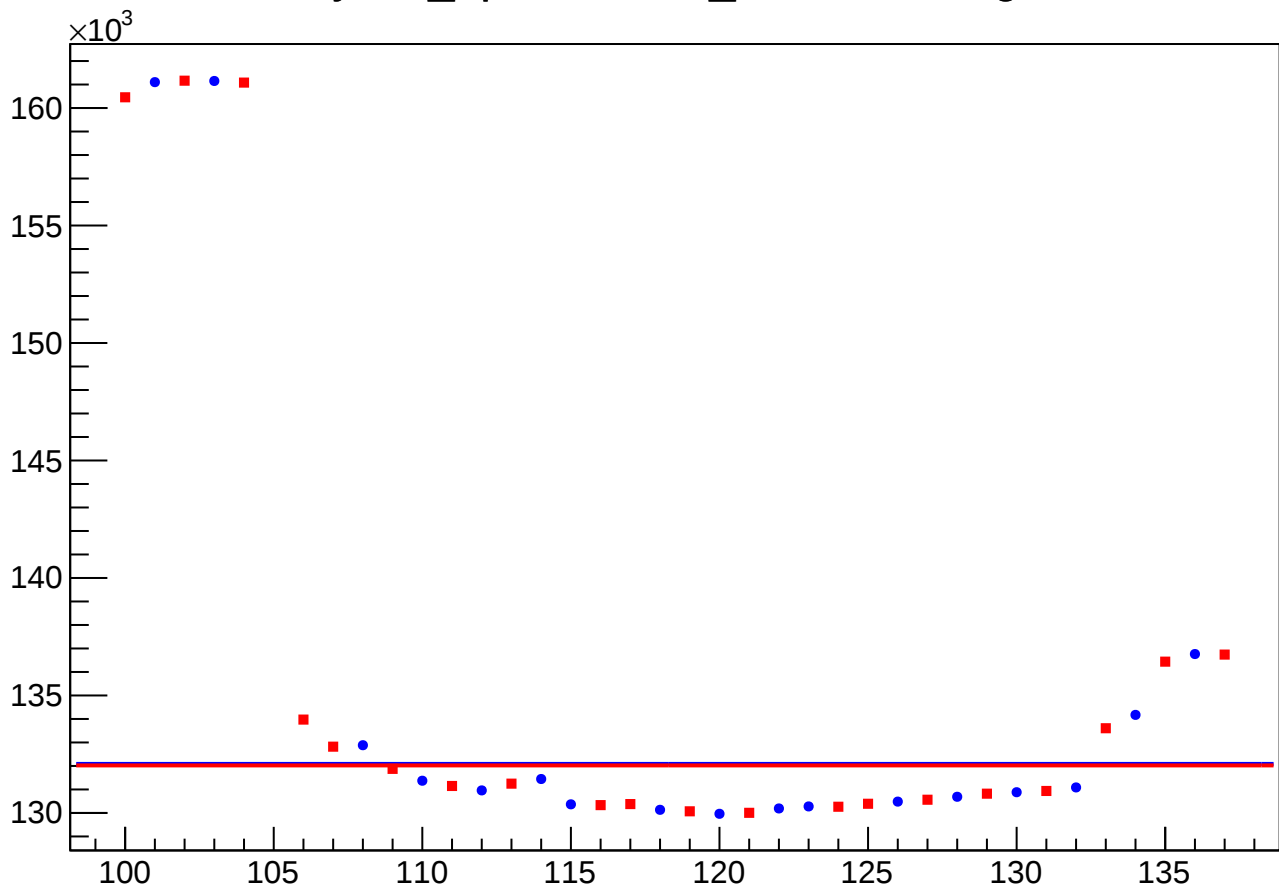
129.796 $\pm$ 0.038 χ^2 /NDF: 1485294.2/16

Right Out: 124.572 $\pm$ 0.035 χ^2 /NDF: 1532105.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

124.572 $\pm$ 0.035 χ^2 /NDF: 1532105.0/19

yield_bpm2i02WS_mean vs Slug



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

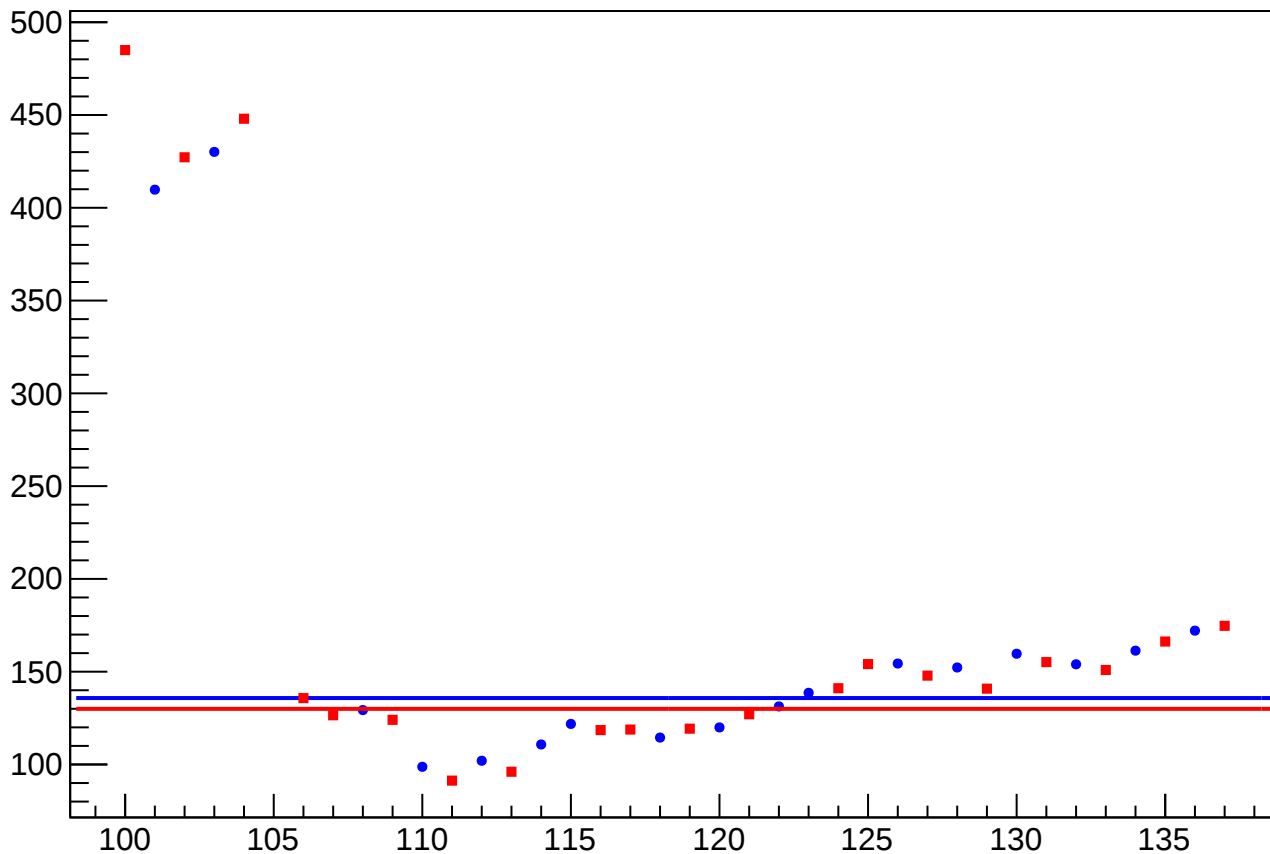
132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16

Right Out: 132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i02WS_rms vs Slug



Right In: 135.796 $\pm$ 0.040 χ^2 /NDF: 1441904.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

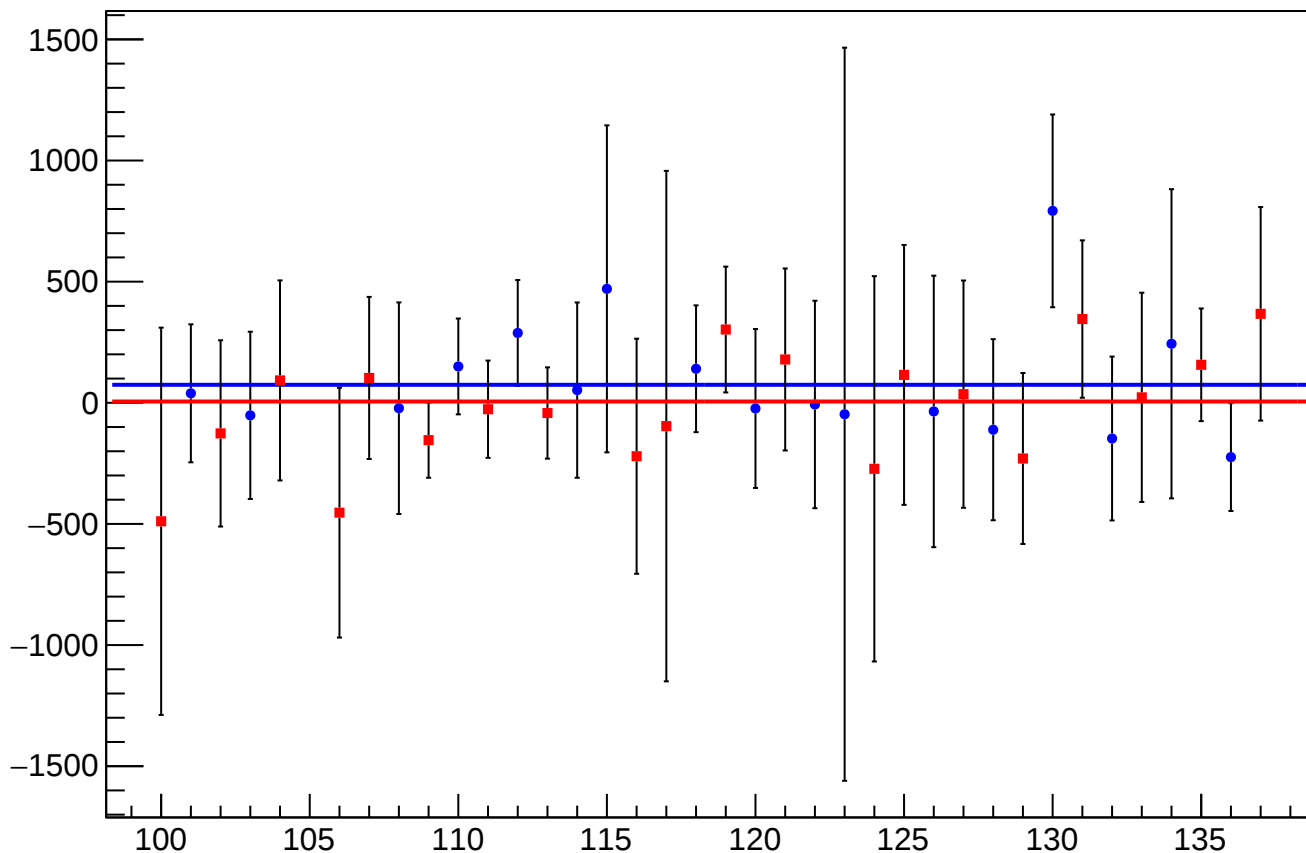
Right Out: 129.975 $\pm$ 0.037 χ^2 /NDF: 1504768.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.796 $\pm$ 0.040 χ^2 /NDF: 1441904.9/16

129.975 $\pm$ 0.037 χ^2 /NDF: 1504768.0/19

asym_bcm_an_ds_mean vs Slug



Right In: 74.294+/-79.018 χ^2/NDF : 7.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

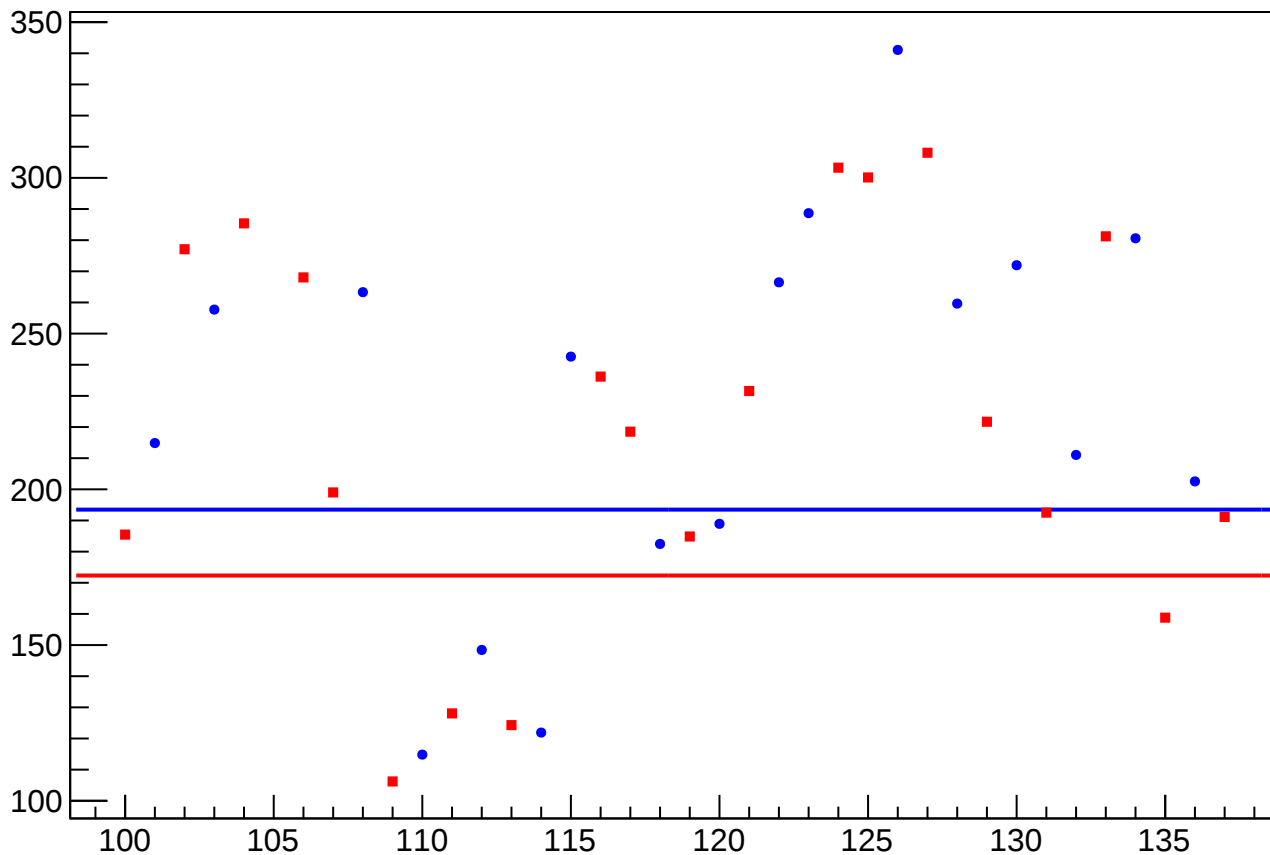
Right Out: 5.290+/-69.914 χ^2/NDF : 7.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.294+/-79.018 χ^2/NDF : 7.7/16

5.290+/-69.914 χ^2/NDF : 7.1/19

asym_bcm_an_ds_rms vs Slug



Right In: 193.488+/-0.056 χ^2/NDF : 1017195.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

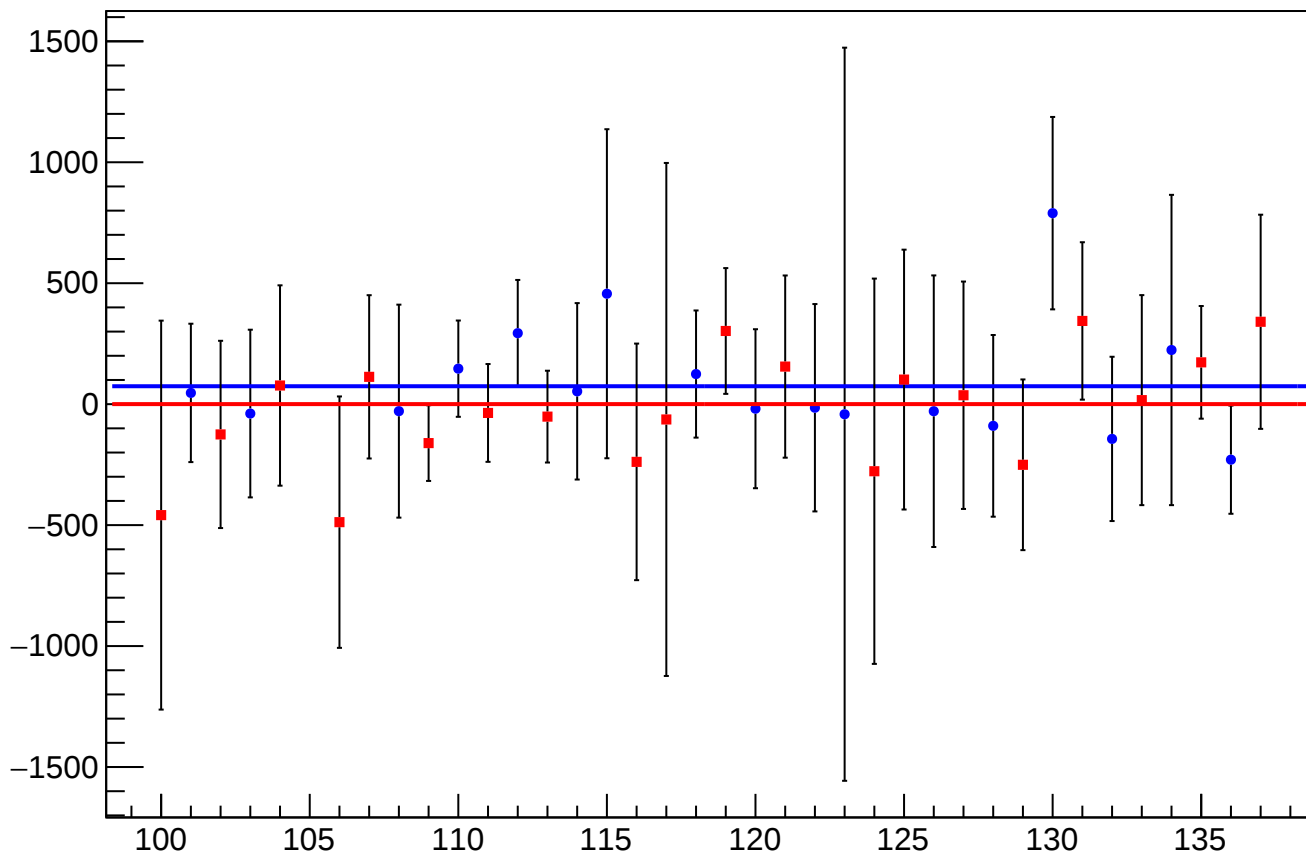
Right Out: 172.327+/-0.049 χ^2/NDF : 1583701.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

193.488+/-0.056 χ^2/NDF : 1017195.7/16

172.327+/-0.049 χ^2/NDF : 1583701.4/19

asym_bcm_an_ds3_mean vs Slug



Right In: 74.098+/-79.404 χ^2/NDF : 7.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

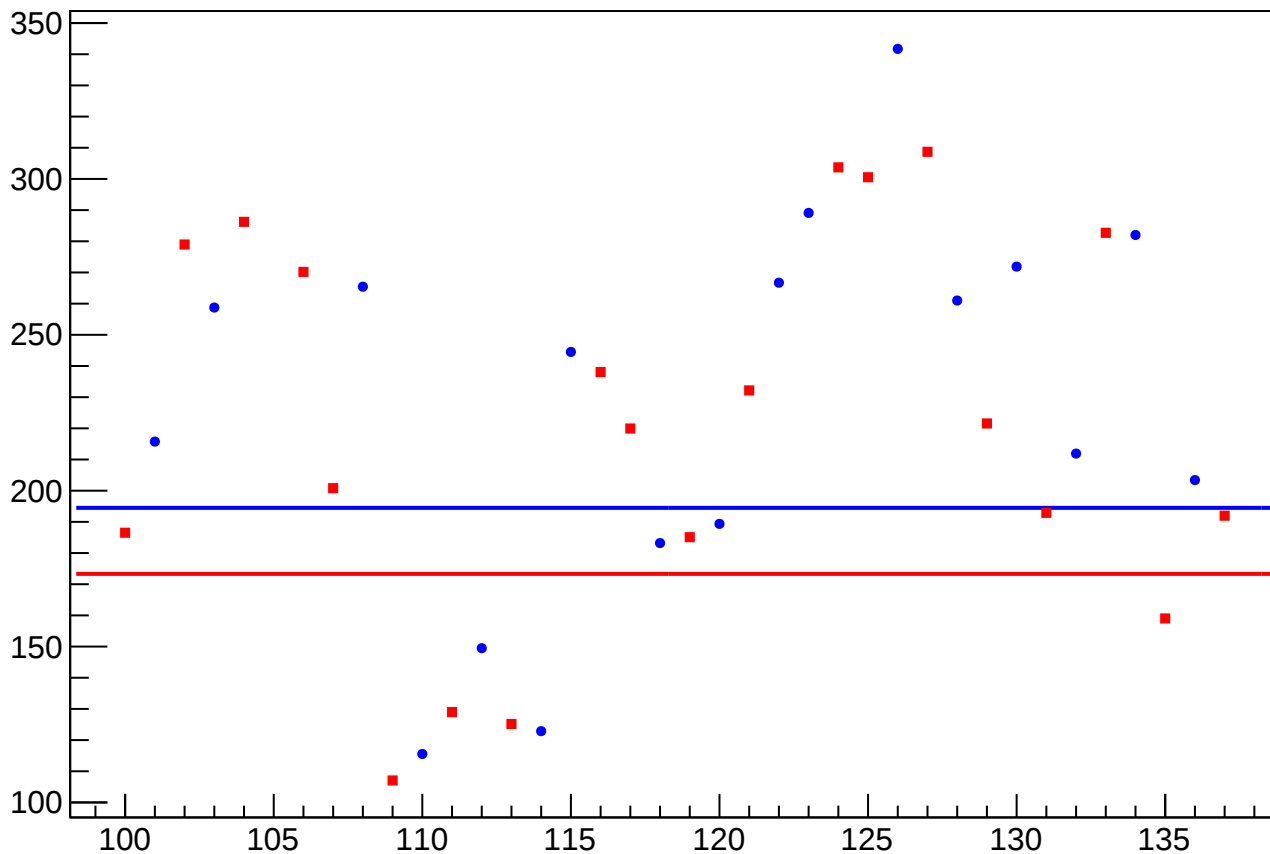
Right Out: 0.223+/-70.282 χ^2/NDF : 7.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.098+/-79.404 χ^2/NDF : 7.6/16

0.223+/-70.282 χ^2/NDF : 7.3/19

asym_bcm_an_ds3_rms vs Slug



Right In: 194.496+/-0.056 χ^2/NDF : 1008514.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

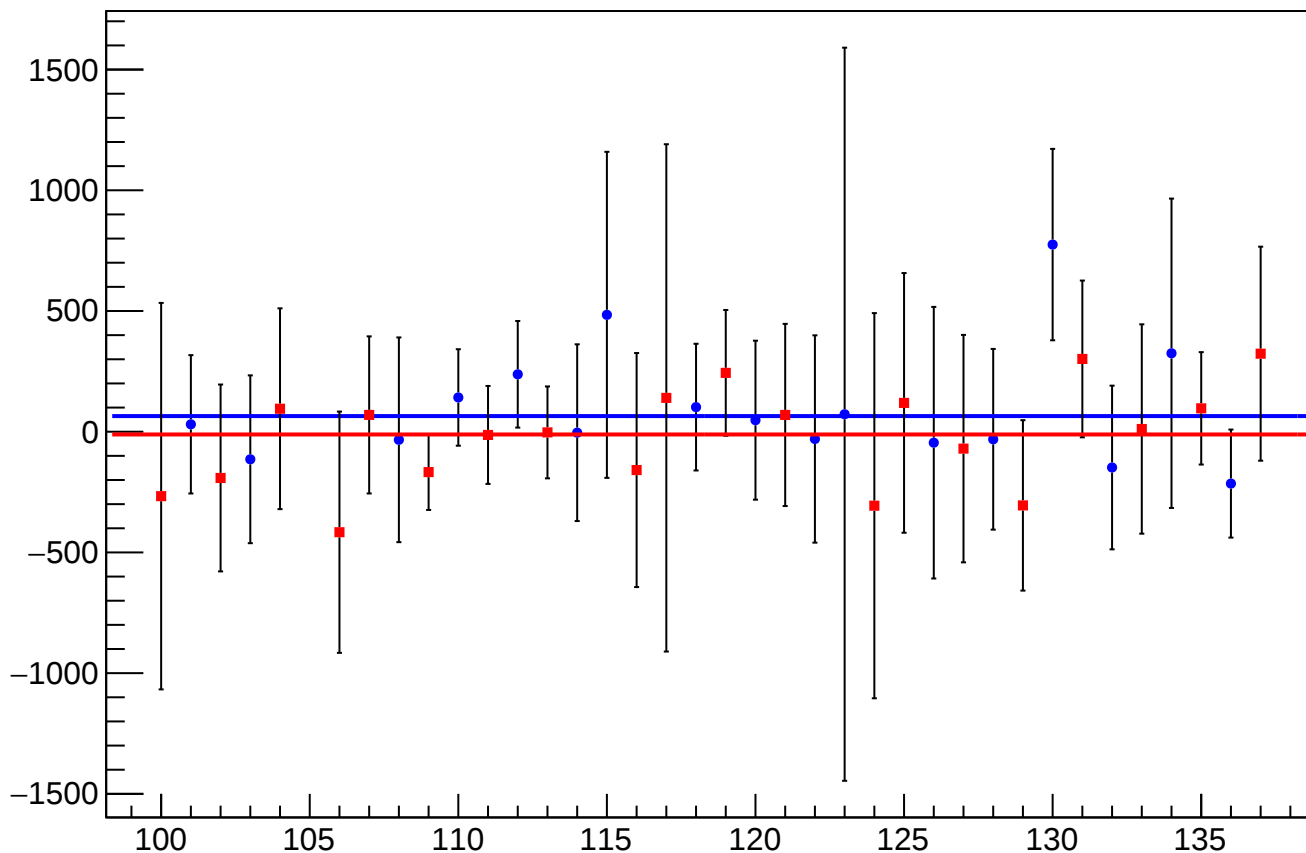
194.496+/-0.056 χ^2/NDF : 1008514.7/16

Right Out: 173.317+/-0.050 χ^2/NDF : 1571258.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.317+/-0.050 χ^2/NDF : 1571258.4/19

asym_bcm_an_us_mean vs Slug



Right In: 64.733+/-79.399 χ^2/NDF : 7.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

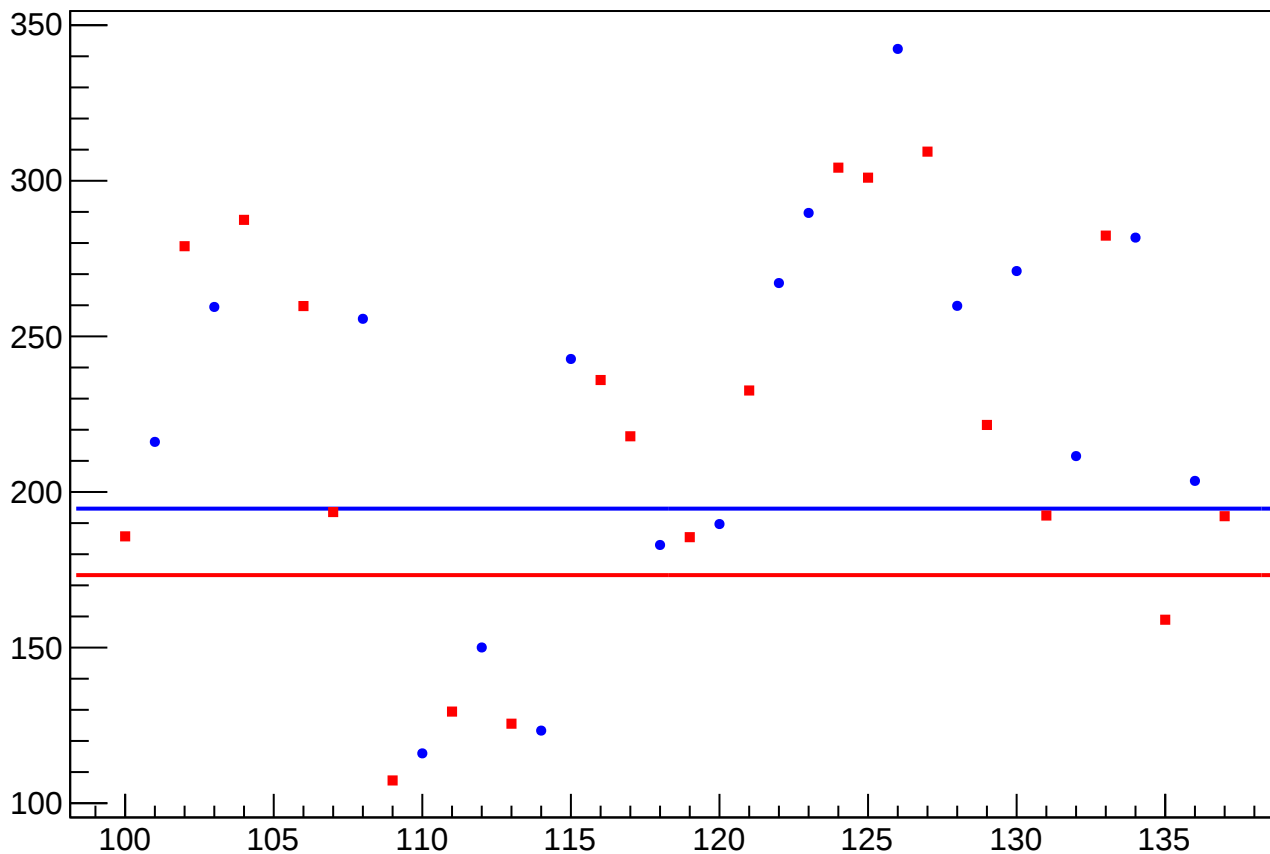
Right Out: -11.414+/-70.204 χ^2/NDF : 5.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

64.733+/-79.399 χ^2/NDF : 7.0/16

-11.414+/-70.204 χ^2/NDF : 5.8/19

asym_bcm_an_us_rms vs Slug



Right In: 194.652 $\pm$ 0.056 χ^2 /NDF: 986798.9/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

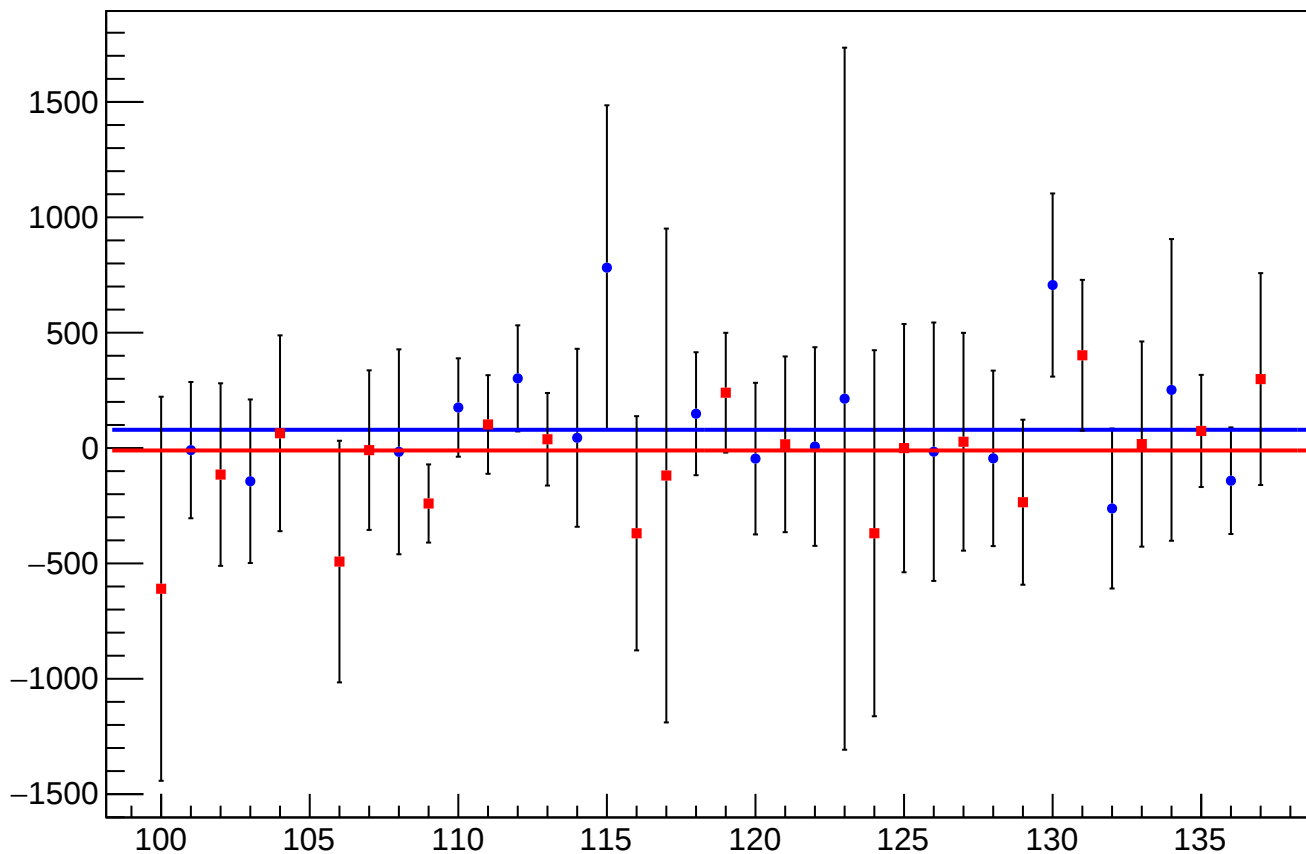
Right Out: 173.289 $\pm$ 0.050 χ^2 /NDF: 1548162.6/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

194.652 $\pm$ 0.056 χ^2 /NDF: 986798.9/16

173.289 $\pm$ 0.050 χ^2 /NDF: 1548162.6/19

asym_bcm_dg_us_mean vs Slug



Right In: 79.128+/-81.874 χ^2/NDF : 7.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

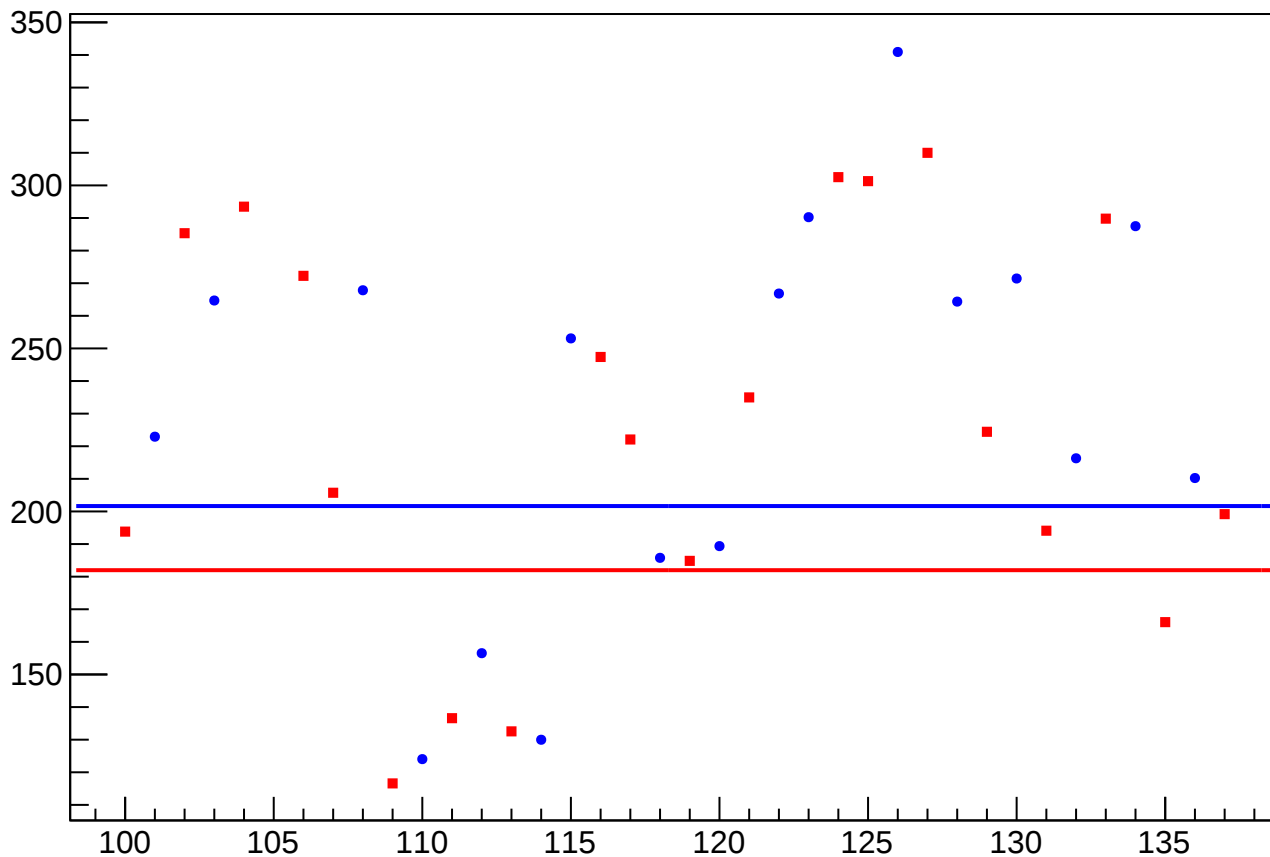
Right Out: -10.491+/-73.139 χ^2/NDF : 7.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

79.128+/-81.874 χ^2/NDF : 7.5/16

-10.491+/-73.139 χ^2/NDF : 7.9/19

asym_bcm_dg_us_rms vs Slug



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

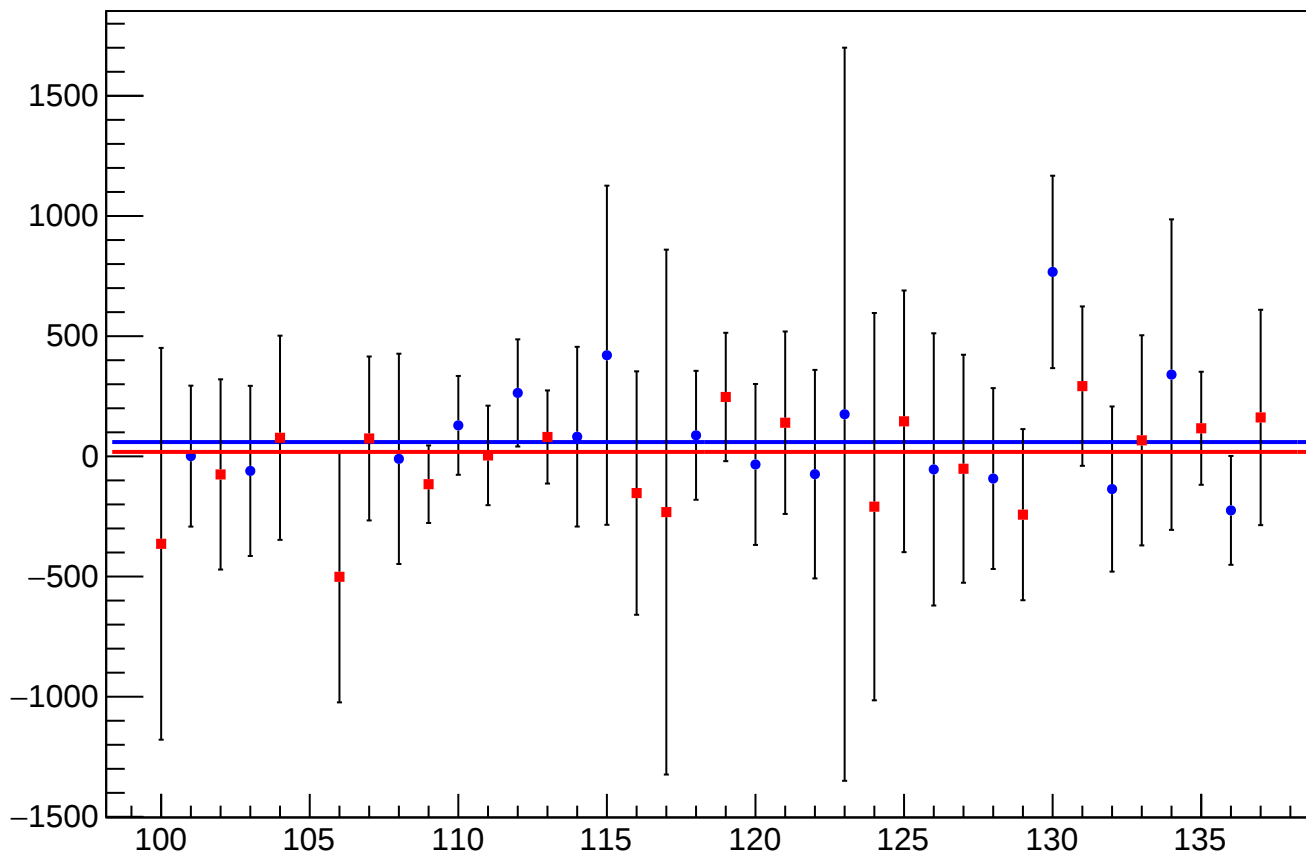
Right Out: 181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

asym_bcm_dg_ds_mean vs Slug



Right In: 59.496+/-80.808 χ^2/NDF : 7.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

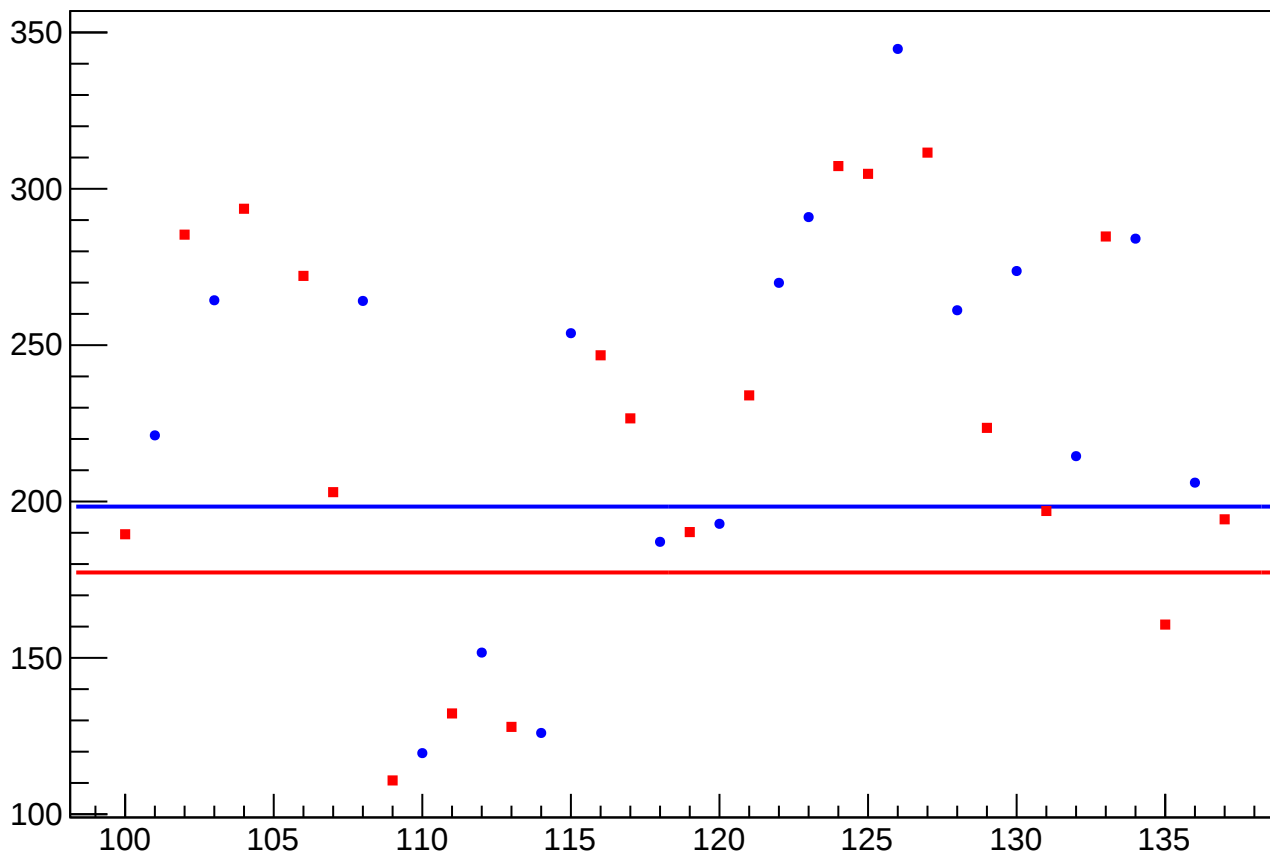
Right Out: 18.457+/-71.711 χ^2/NDF : 4.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.496+/-80.808 χ^2/NDF : 7.0/16

18.457+/-71.711 χ^2/NDF : 4.8/19

asym_bcm_dg_ds_rms vs Slug



Right In: 198.378+/-0.057 χ^2/NDF : 963672.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

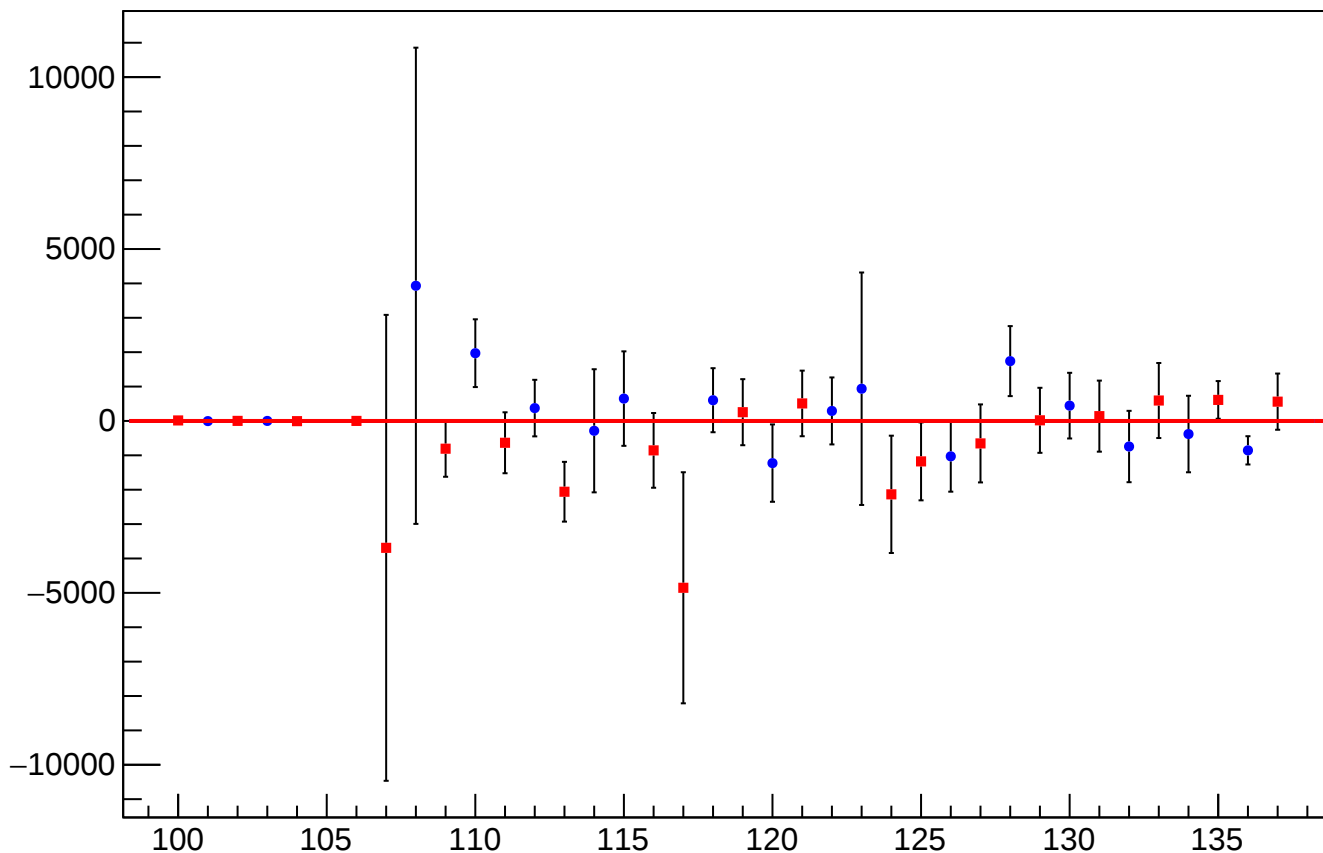
Right Out: 177.309+/-0.051 χ^2/NDF : 1528855.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.378+/-0.057 χ^2/NDF : 963672.6/16

177.309+/-0.051 χ^2/NDF : 1528855.2/19

asym_cav4bQ_mean vs Slug



Right In: -1.529+/-2.251 χ^2/NDF : 17.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

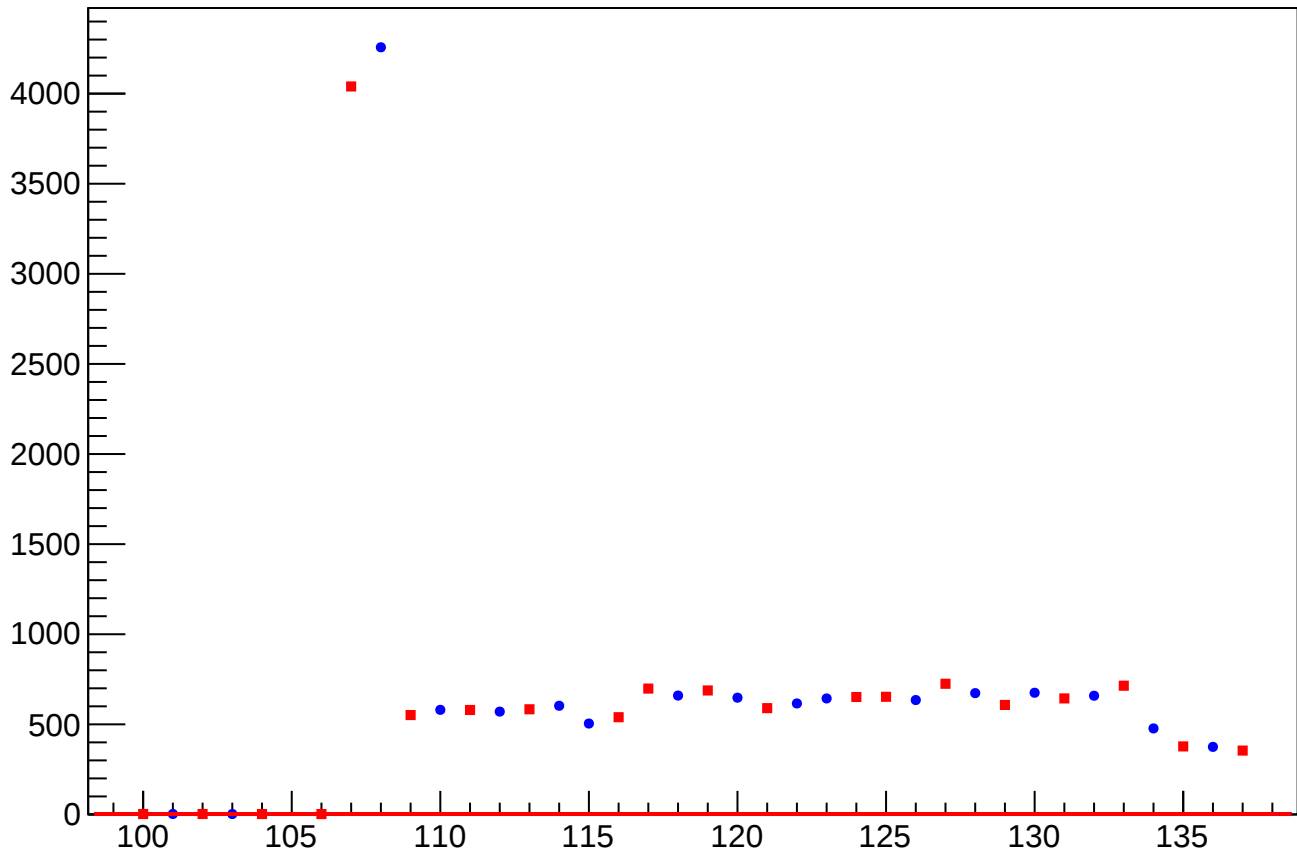
Right Out: -0.728+/-2.111 χ^2/NDF : 21.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.529+/-2.251 χ^2/NDF : 17.0/16

-0.728+/-2.111 χ^2/NDF : 21.4/19

asym_cav4bQ_rms vs Slug



Right In: 2.457+/-0.002 χ^2/NDF : 10847802.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

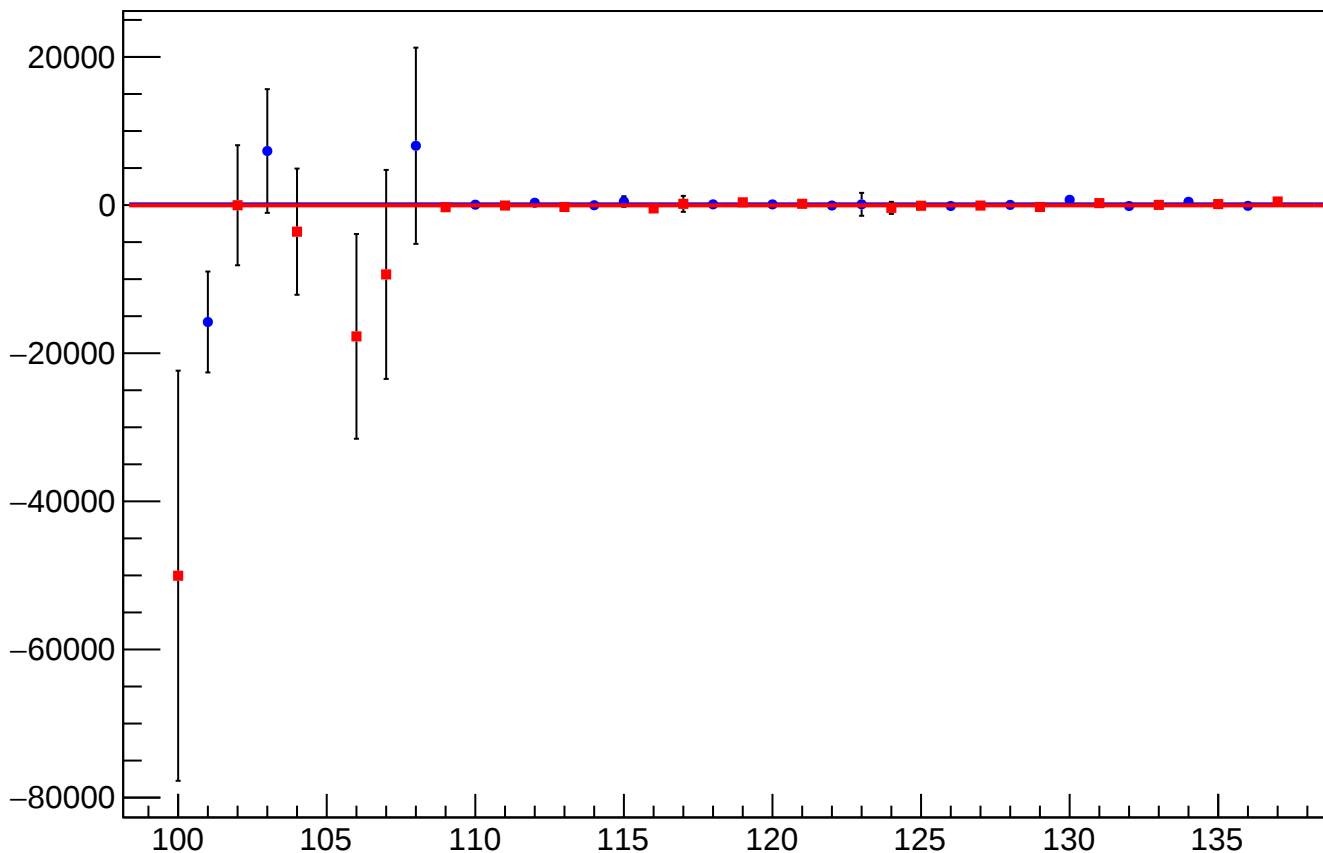
Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.457+/-0.002 χ^2/NDF : 10847802.4/16

2.437+/-0.001 χ^2/NDF : 11233207.9/19

asym_cav4cQ_mean vs Slug



Right In: 98.643+/-90.860 χ^2/NDF : 11.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

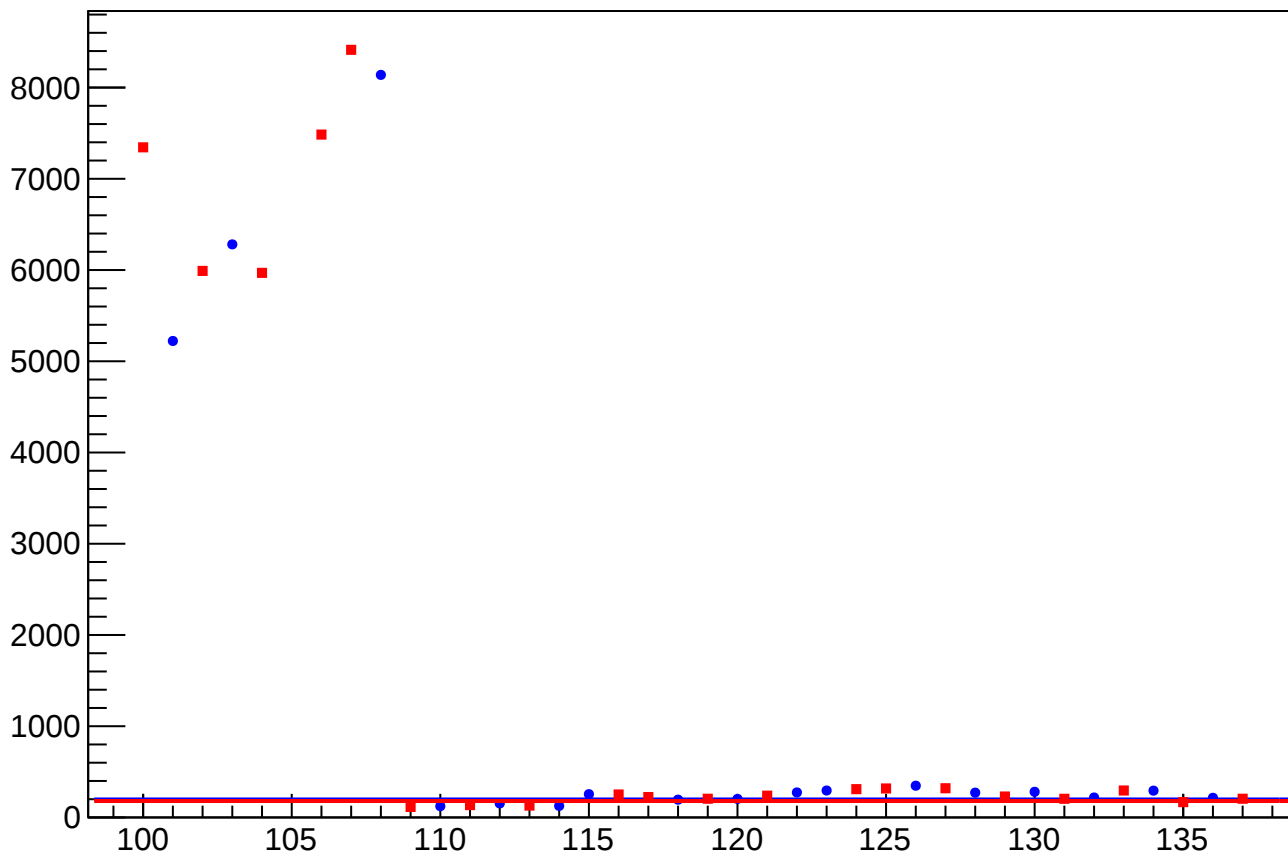
Right Out: -41.024+/-84.237 χ^2/NDF : 13.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.643+/-90.860 χ^2/NDF : 11.9/16

-41.024+/-84.237 χ^2/NDF : 13.9/19

asym_cav4cQ_rms vs Slug



Right In: 197.086+/-0.064 χ^2/NDF : 3693614.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

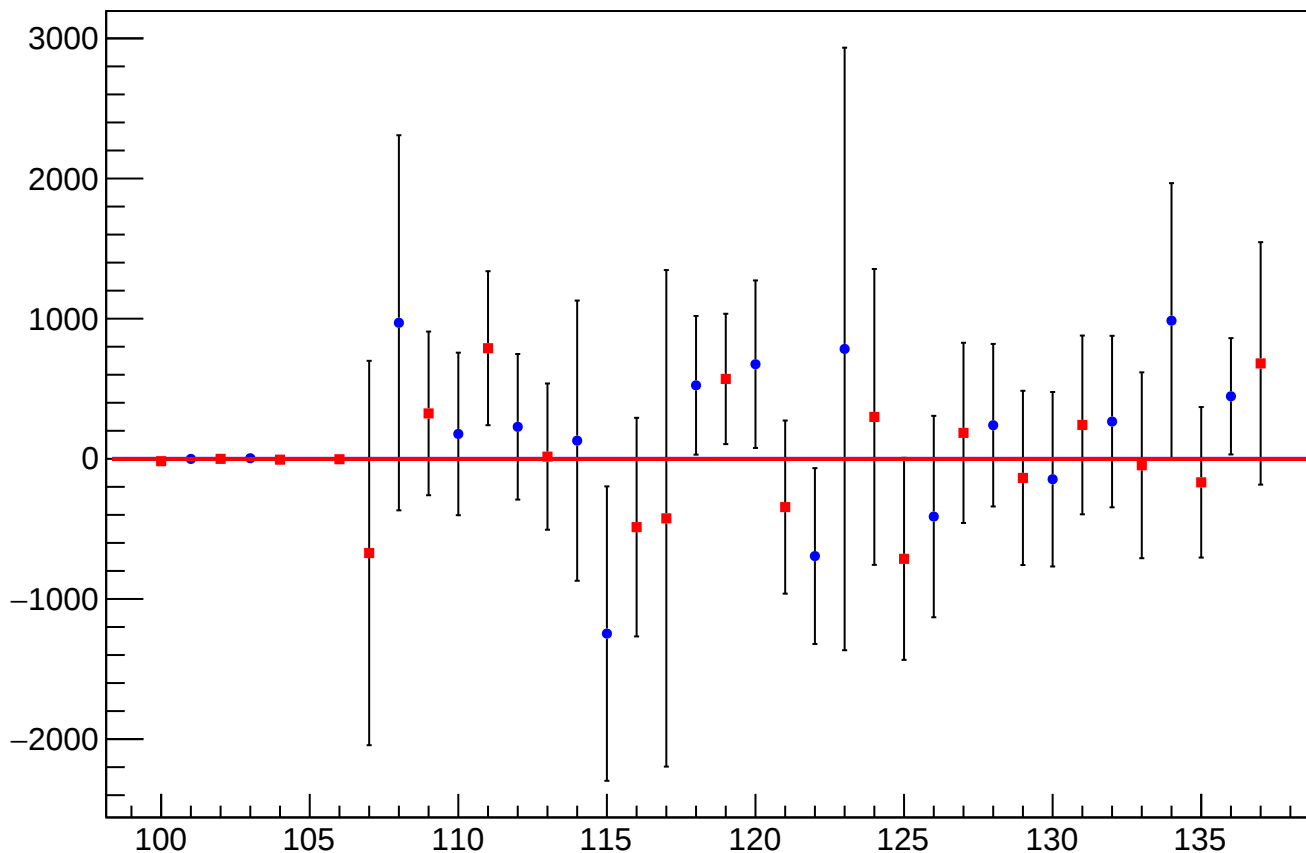
Right Out: 180.217+/-0.060 χ^2/NDF : 4324457.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.086+/-0.064 χ^2/NDF : 3693614.0/16

180.217+/-0.060 χ^2/NDF : 4324457.3/19

asym_cav4dQ_mean vs Slug



Right In: -0.138+/-1.737 χ^2/NDF : 9.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

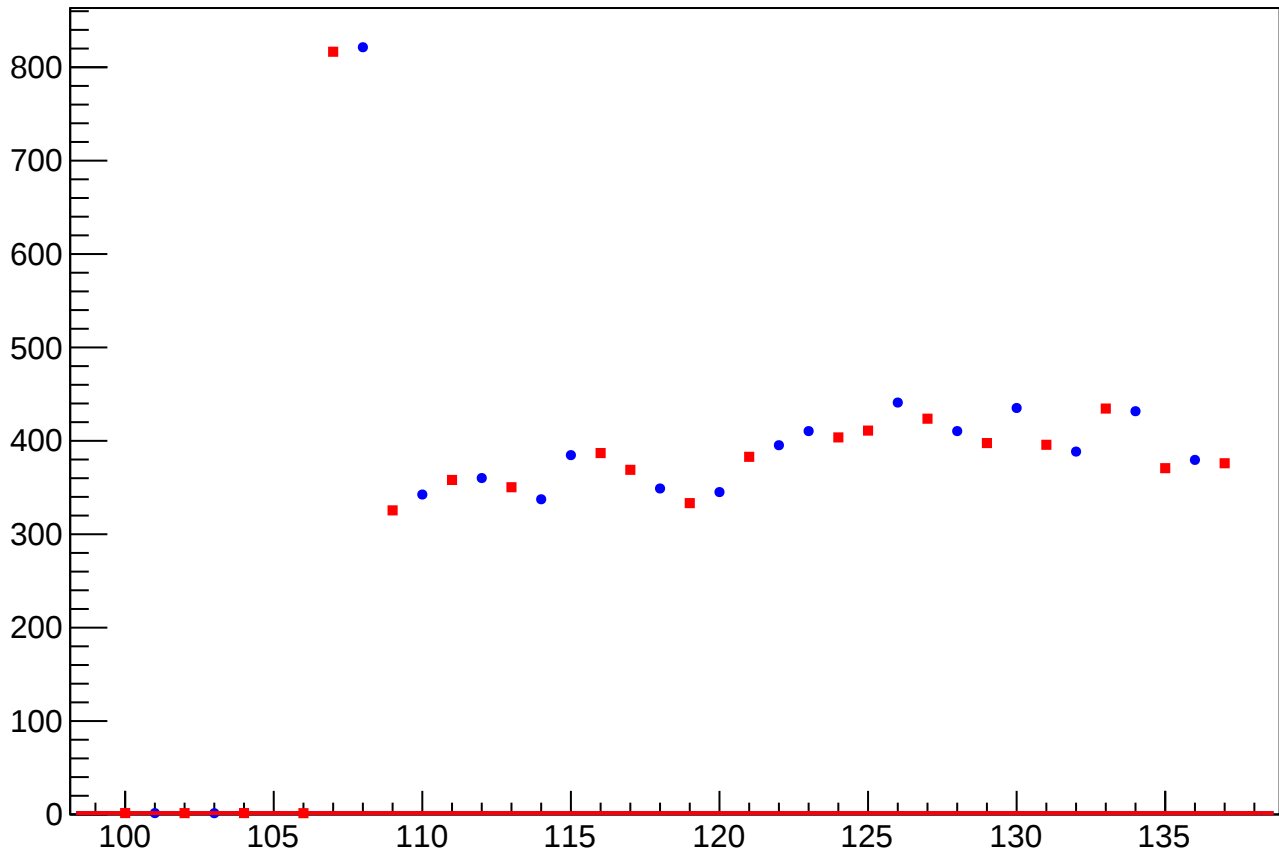
Right Out: -1.324+/-1.623 χ^2/NDF : 9.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.138+/-1.737 χ^2/NDF : 9.7/16

-1.324+/-1.623 χ^2/NDF : 9.7/19

asym_cav4dQ_rms vs Slug



Right In: 1.453+/-0.001 χ^2/NDF : 10957986.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

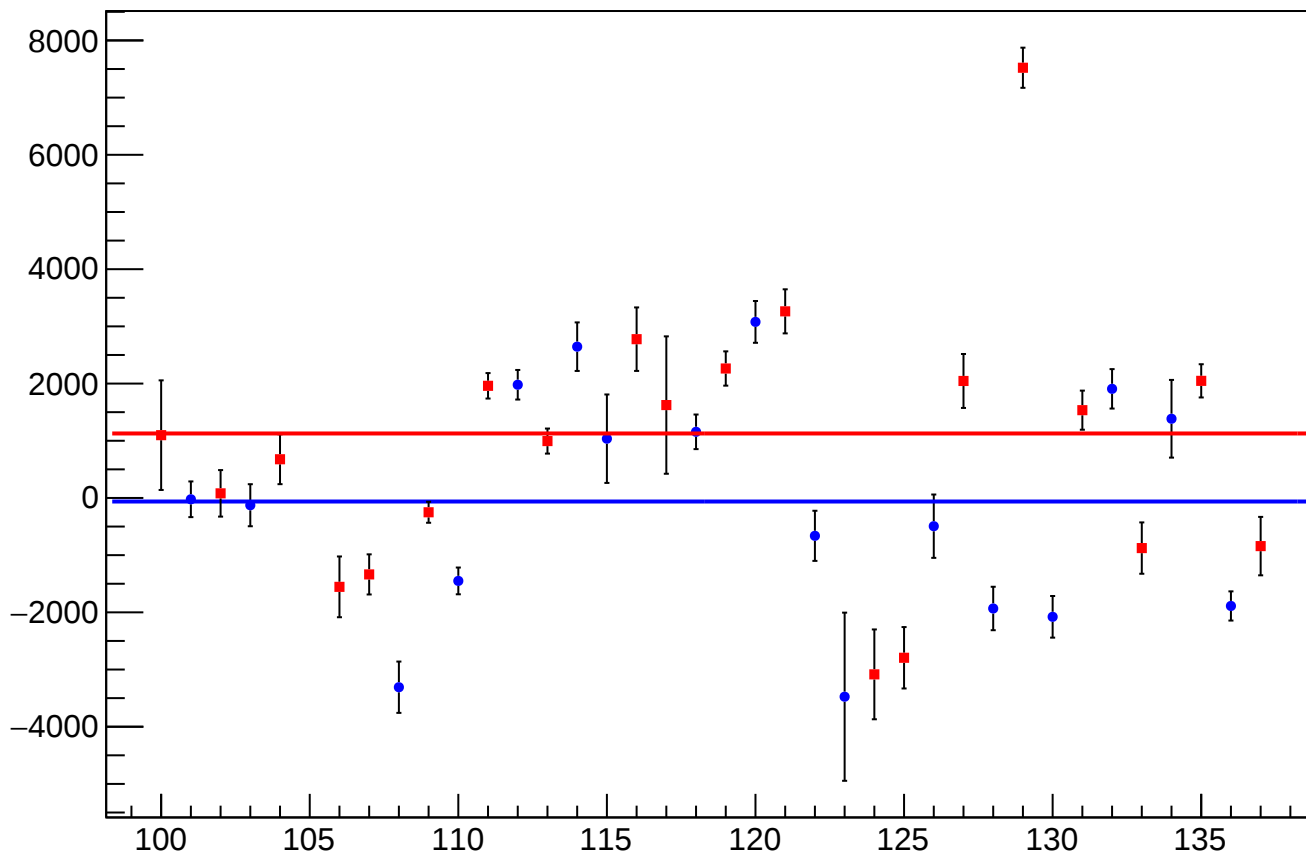
Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.453+/-0.001 χ^2/NDF : 10957986.8/16

1.451+/-0.001 χ^2/NDF : 10966832.6/19

asym_bcm0l02_mean vs Slug



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

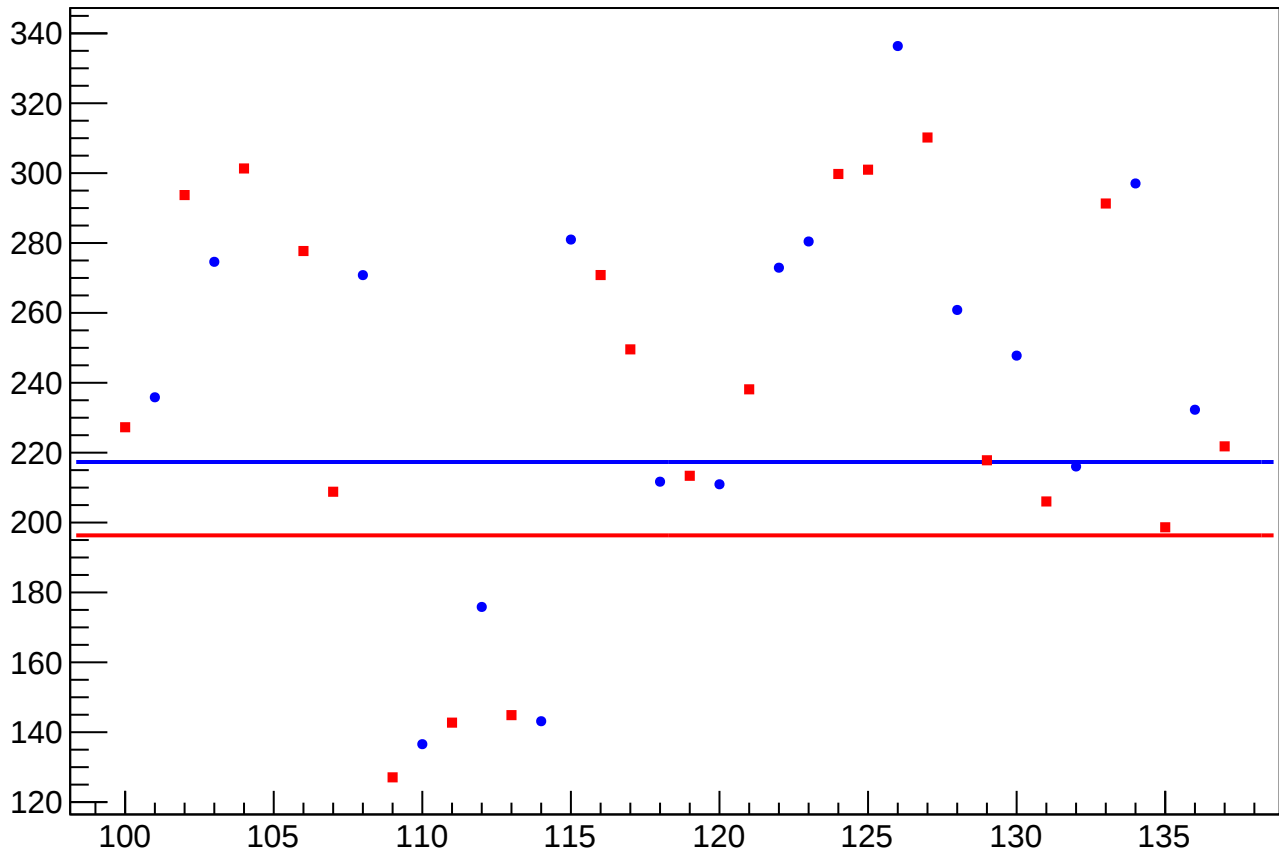
Right Out: 1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-62.164 $\pm$ 87.424 χ^2 /NDF: 433.9/16

1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

asym_bcm0l02_rms vs Slug



Right In: 217.330+/-0.062 χ^2/NDF : 652722.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

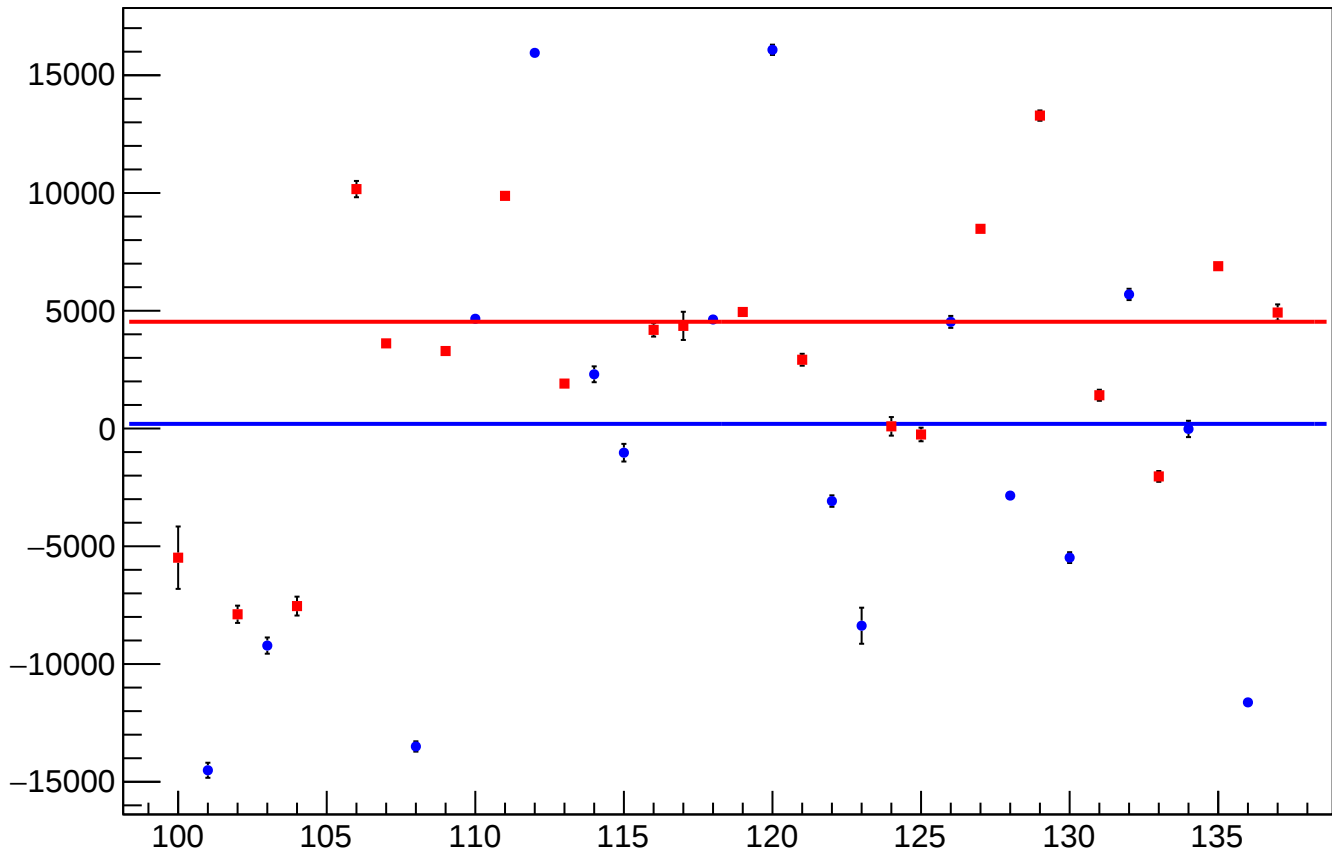
217.330+/-0.062 χ^2/NDF : 652722.5/16

Right Out: 196.332+/-0.055 χ^2/NDF : 1194678.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.332+/-0.055 χ^2/NDF : 1194678.0/19

asym_bpm0i02WS_mean vs Slug



Right In: 197.008+/-54.799 χ^2 /NDF: 30658.3/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

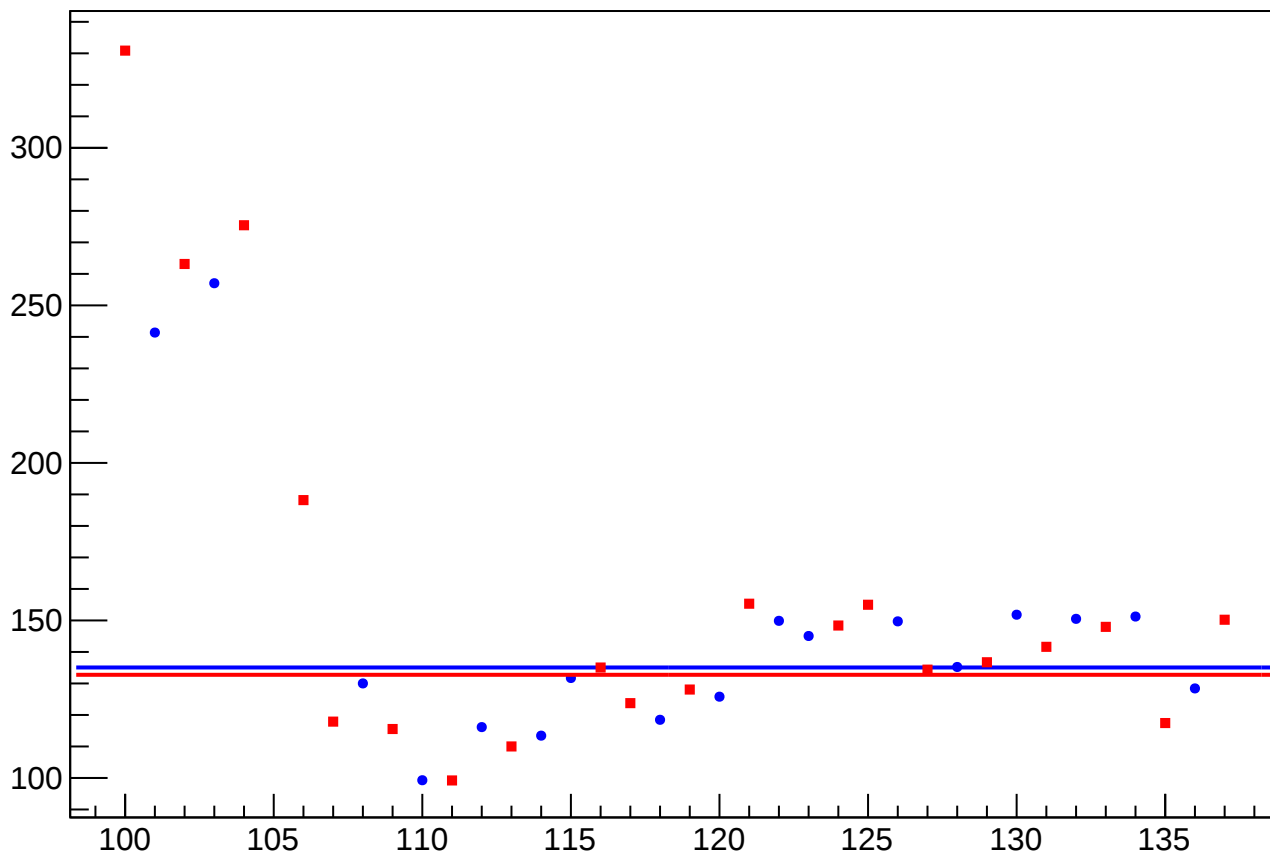
Right Out: 4532.856+/-52.261 χ^2 /NDF: 7477.3/19

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

197.008+/-54.799 χ^2 /NDF: 30658.3/16

4532.856+/-52.261 χ^2 /NDF: 7477.3/19

asym_bpm0i02WS_rms vs Slug



Right In: 135.072+/-0.039 χ^2/NDF : 658703.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

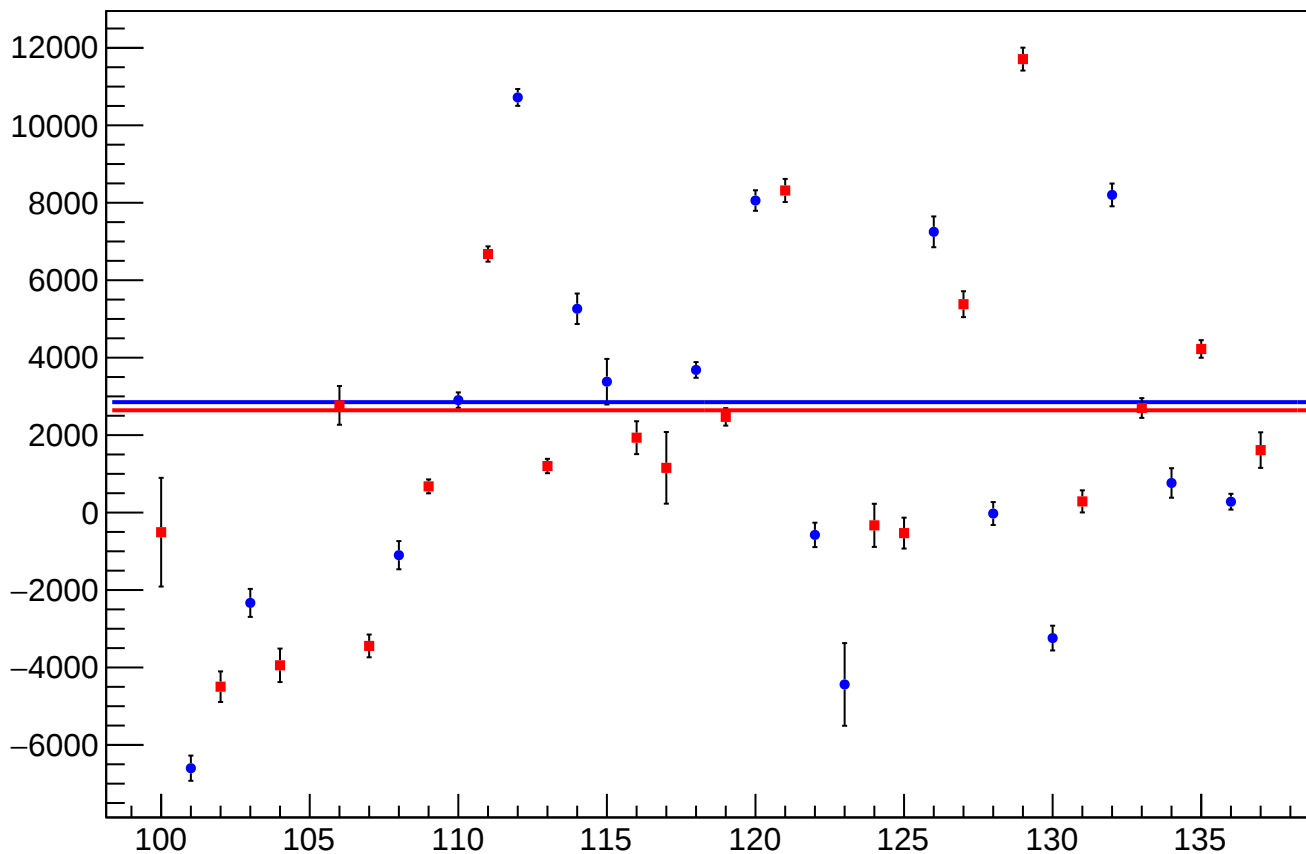
Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

135.072+/-0.039 χ^2/NDF : 658703.5/16

132.747+/-0.037 χ^2/NDF : 831647.2/19

asym_bpm0i02aWS_mean vs Slug



Right In: 2851.437+/-70.753 χ^2/NDF : 4178.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

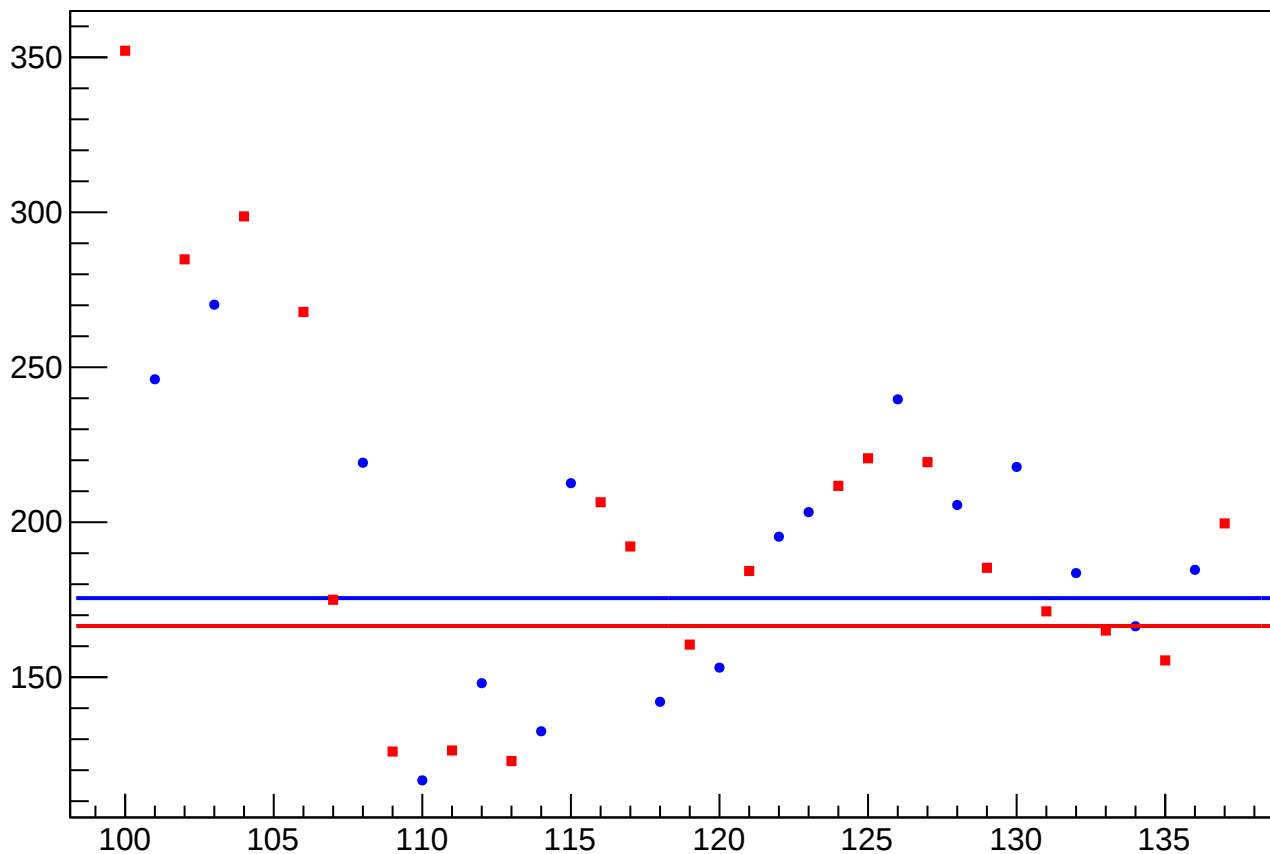
Right Out: 2641.642+/-65.566 χ^2/NDF : 3178.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2851.437+/-70.753 χ^2/NDF : 4178.1/16

2641.642+/-65.566 χ^2/NDF : 3178.3/19

asym_bpm0i02aWS_rms vs Slug



Right In: 175.514+/-0.050 χ^2/NDF : 689642.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

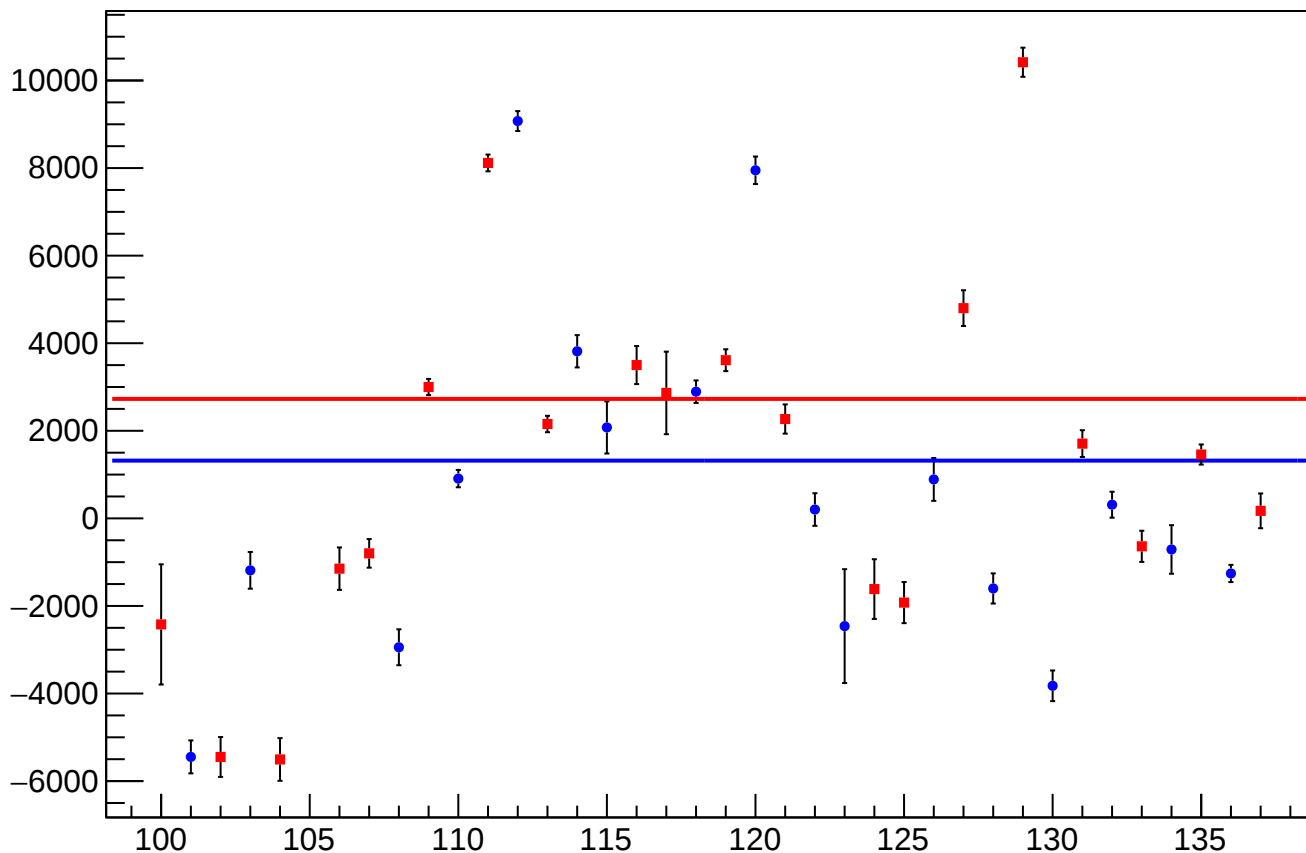
Right Out: 166.522+/-0.046 χ^2/NDF : 931079.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.514+/-0.050 χ^2/NDF : 689642.3/16

166.522+/-0.046 χ^2/NDF : 931079.9/19

asym_bpm0i05WS_mean vs Slug



Right In: 1319.009+/-77.146 χ^2/NDF : 2667.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

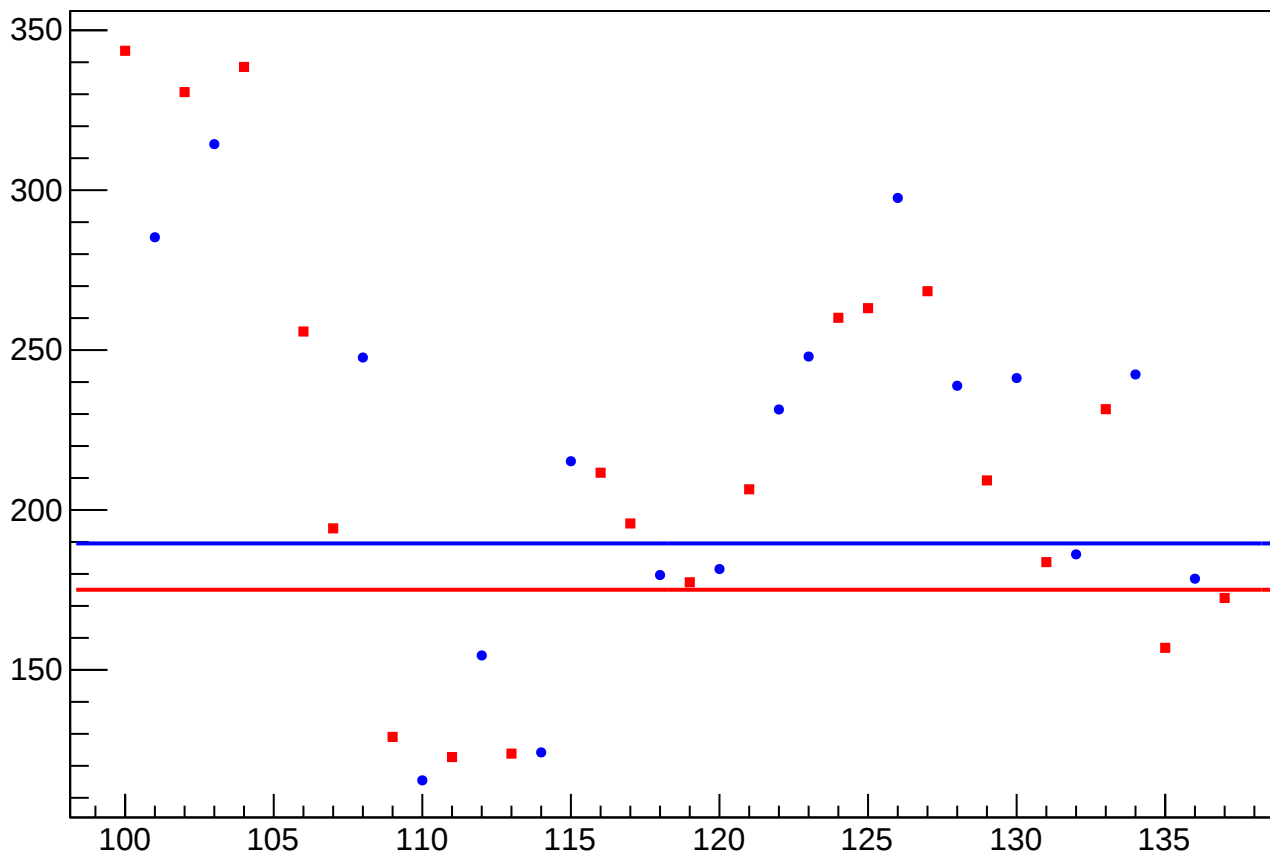
Right Out: 2728.550+/-69.837 χ^2/NDF : 2495.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1319.009+/-77.146 χ^2/NDF : 2667.0/16

2728.550+/-69.837 χ^2/NDF : 2495.9/19

asym_bpm0i05WS_rms vs Slug



Right In: 189.544+/-0.055 χ^2/NDF : 980744.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

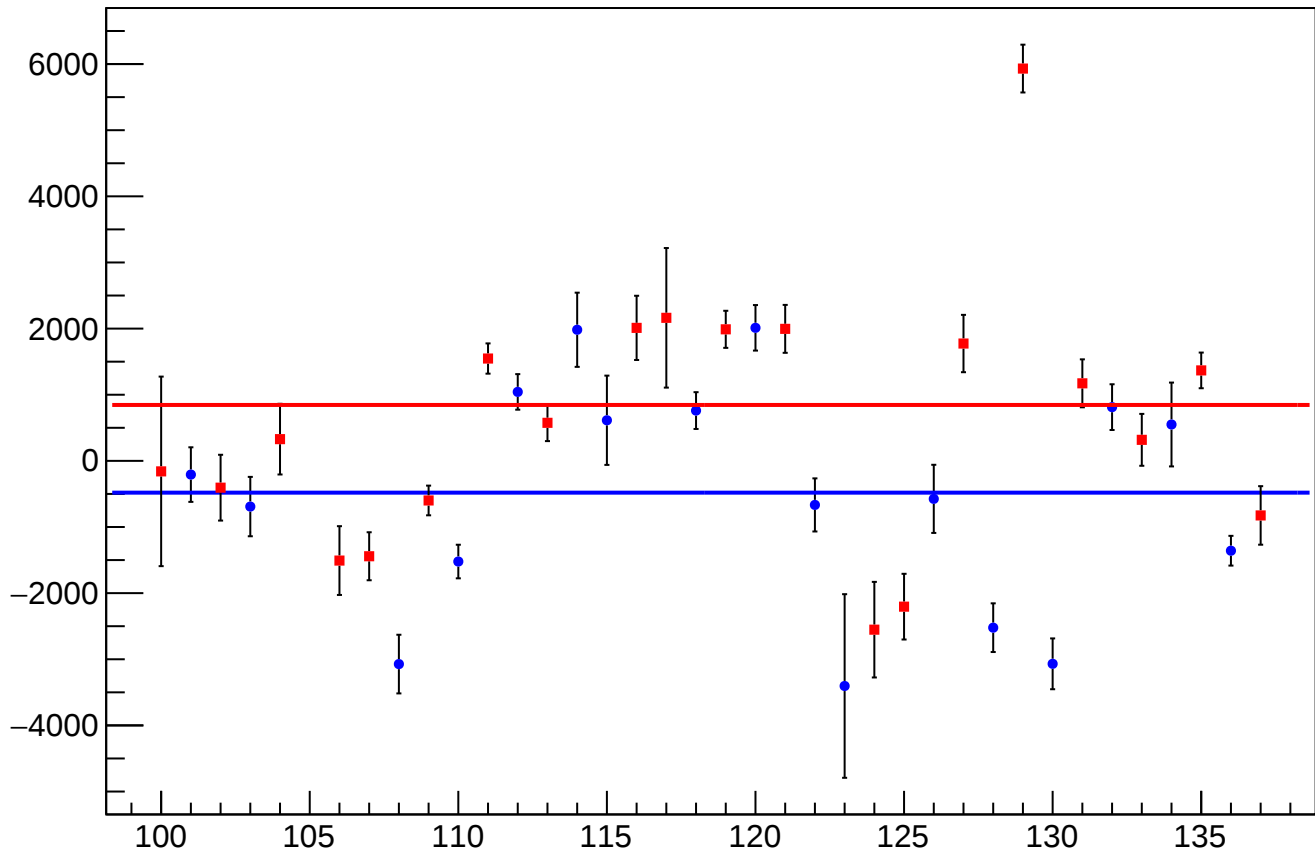
Right Out: 175.058+/-0.049 χ^2/NDF : 1298079.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.544+/-0.055 χ^2/NDF : 980744.6/16

175.058+/-0.049 χ^2/NDF : 1298079.7/19

asym_bpm0i07WS_mean vs Slug



Right In: -480.578+/-88.640 χ^2/NDF : 290.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

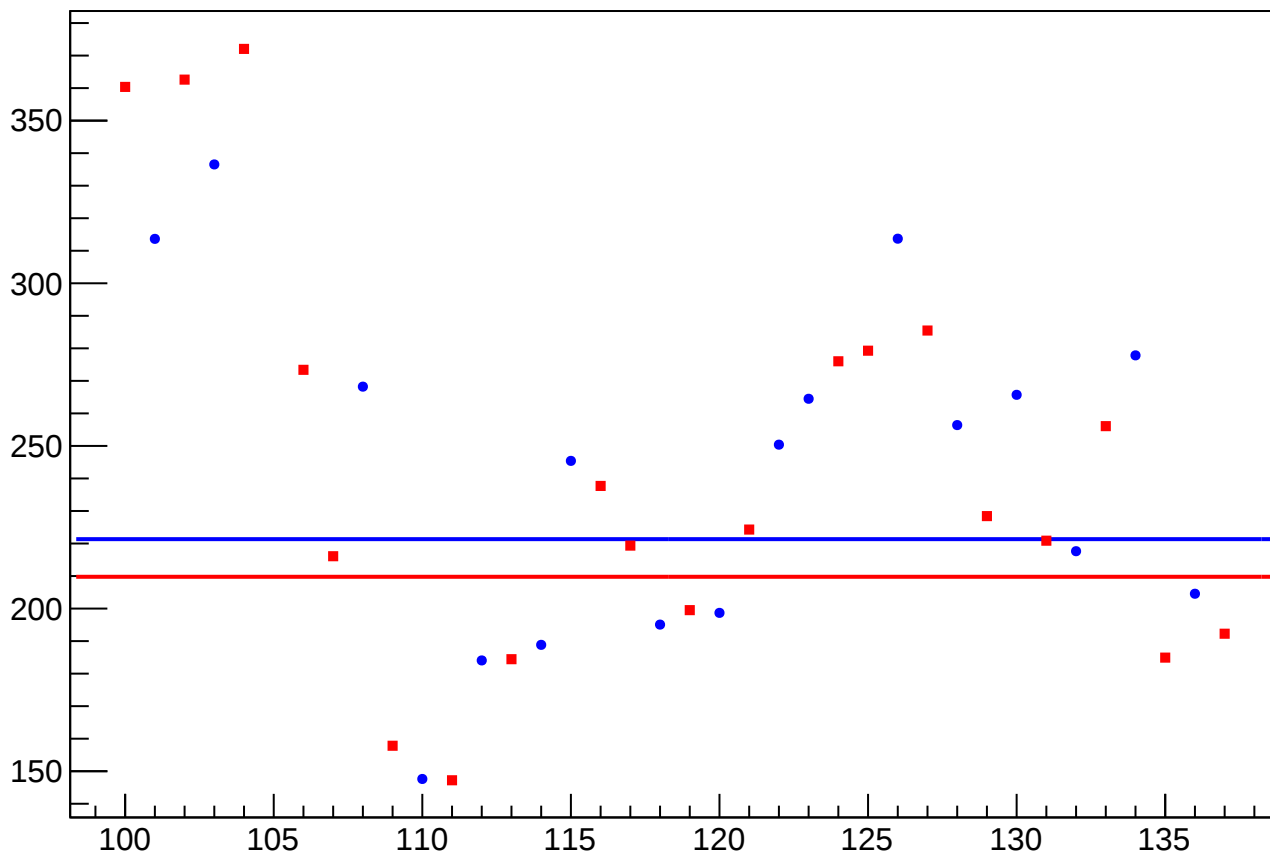
Right Out: 845.444+/-81.995 χ^2/NDF : 436.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-480.578+/-88.640 χ^2/NDF : 290.7/16

845.444+/-81.995 χ^2/NDF : 436.9/19

asym_bpm0i07WS_rms vs Slug



Right In: 221.342+/-0.063 χ^2/NDF : 645688.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

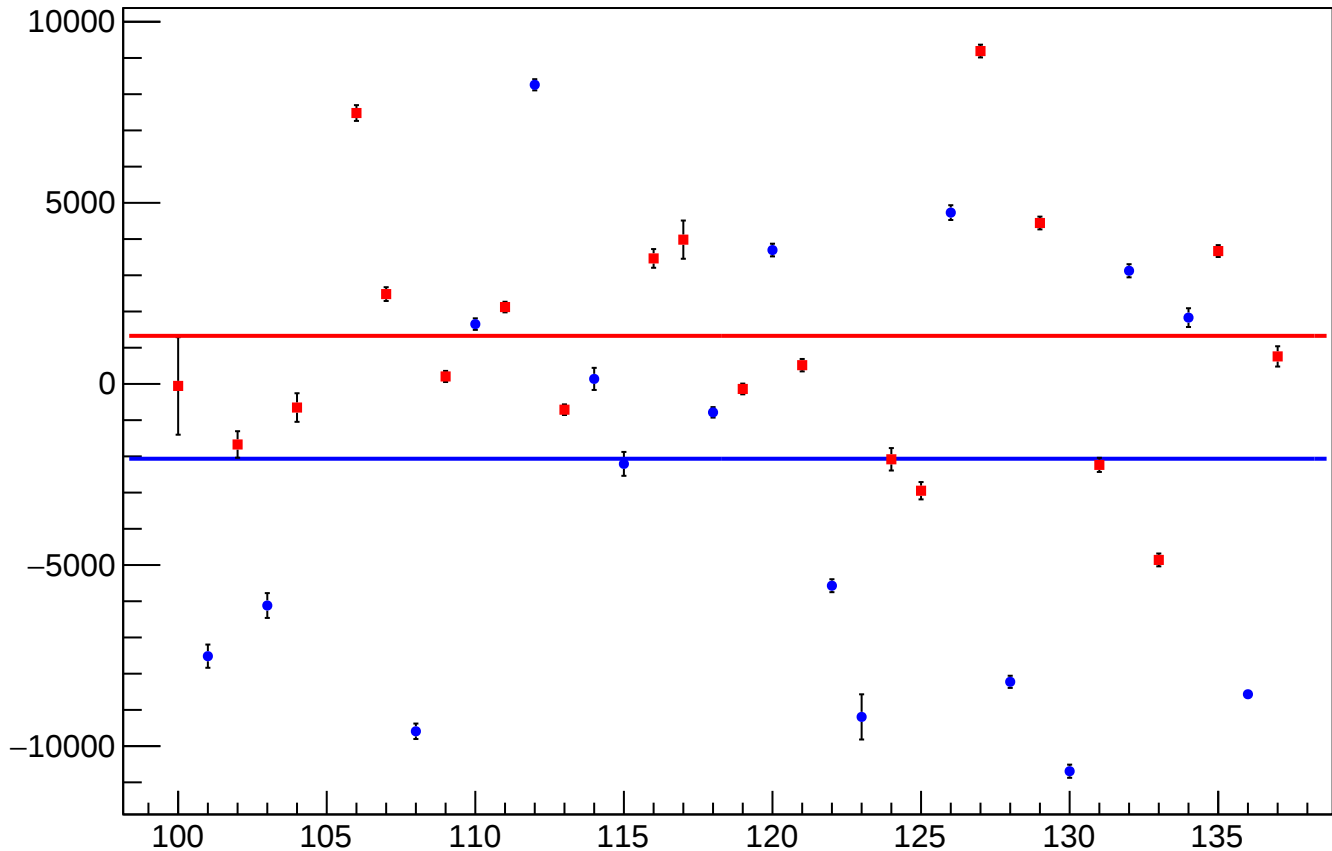
Right Out: 209.775+/-0.058 χ^2/NDF : 884083.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

221.342+/-0.063 χ^2/NDF : 645688.1/16

209.775+/-0.058 χ^2/NDF : 884083.7/19

asym_bpm1i02WS_mean vs Slug



Right In: -2065.160+/-47.322 χ^2/NDF : 16533.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

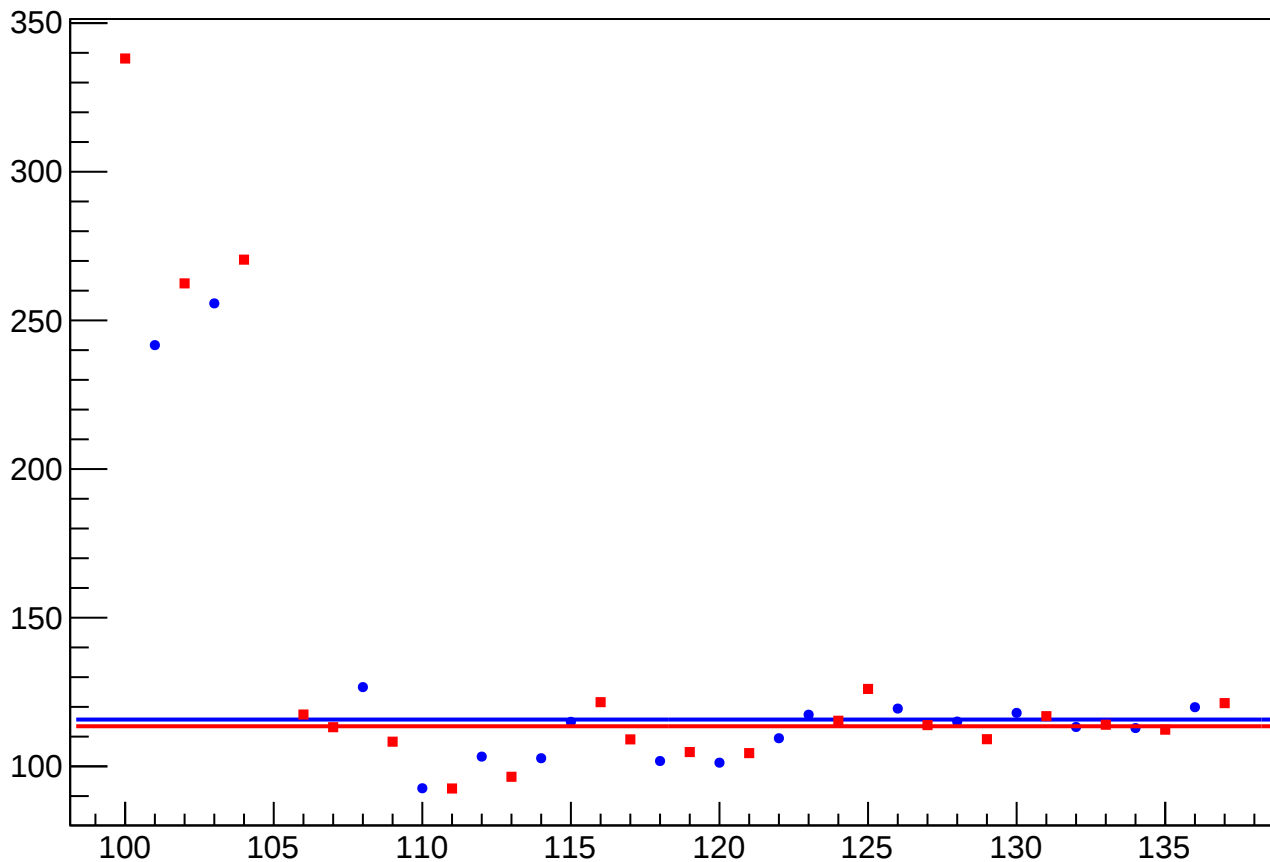
Right Out: 1327.819+/-44.838 χ^2/NDF : 5919.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2065.160+/-47.322 χ^2/NDF : 16533.3/16

1327.819+/-44.838 χ^2/NDF : 5919.9/19

asym_bpm1i02WS_rms vs Slug



Right In: 115.741 $\pm$ 0.033 χ^2 /NDF: 744017.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

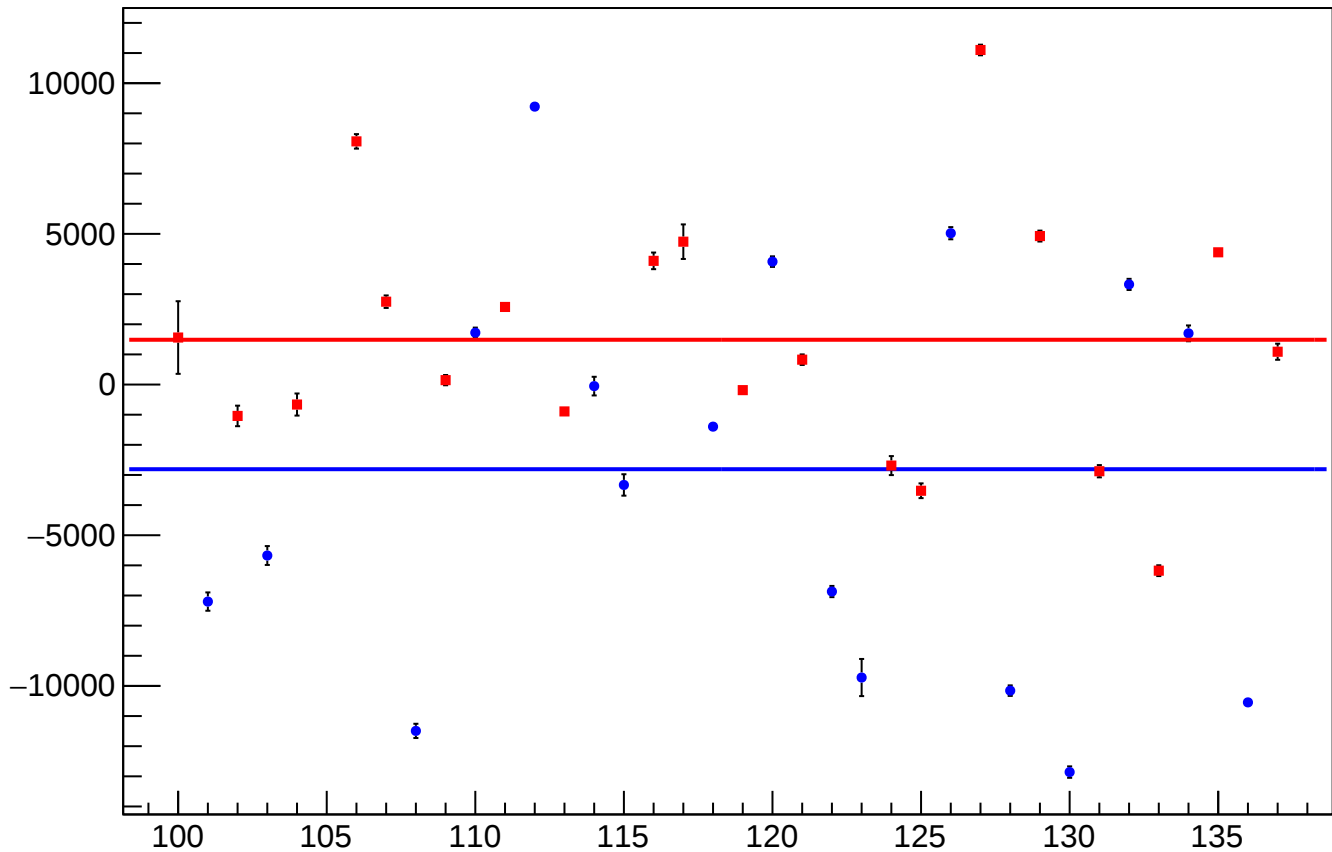
115.741 $\pm$ 0.033 χ^2 /NDF: 744017.7/16

Right Out: 113.487 $\pm$ 0.032 χ^2 /NDF: 796781.7/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

113.487 $\pm$ 0.032 χ^2 /NDF: 796781.7/19

asym_bpm2i01WS_mean vs Slug



Right In: -2809.101+/-48.284 χ^2/NDF : 21263.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

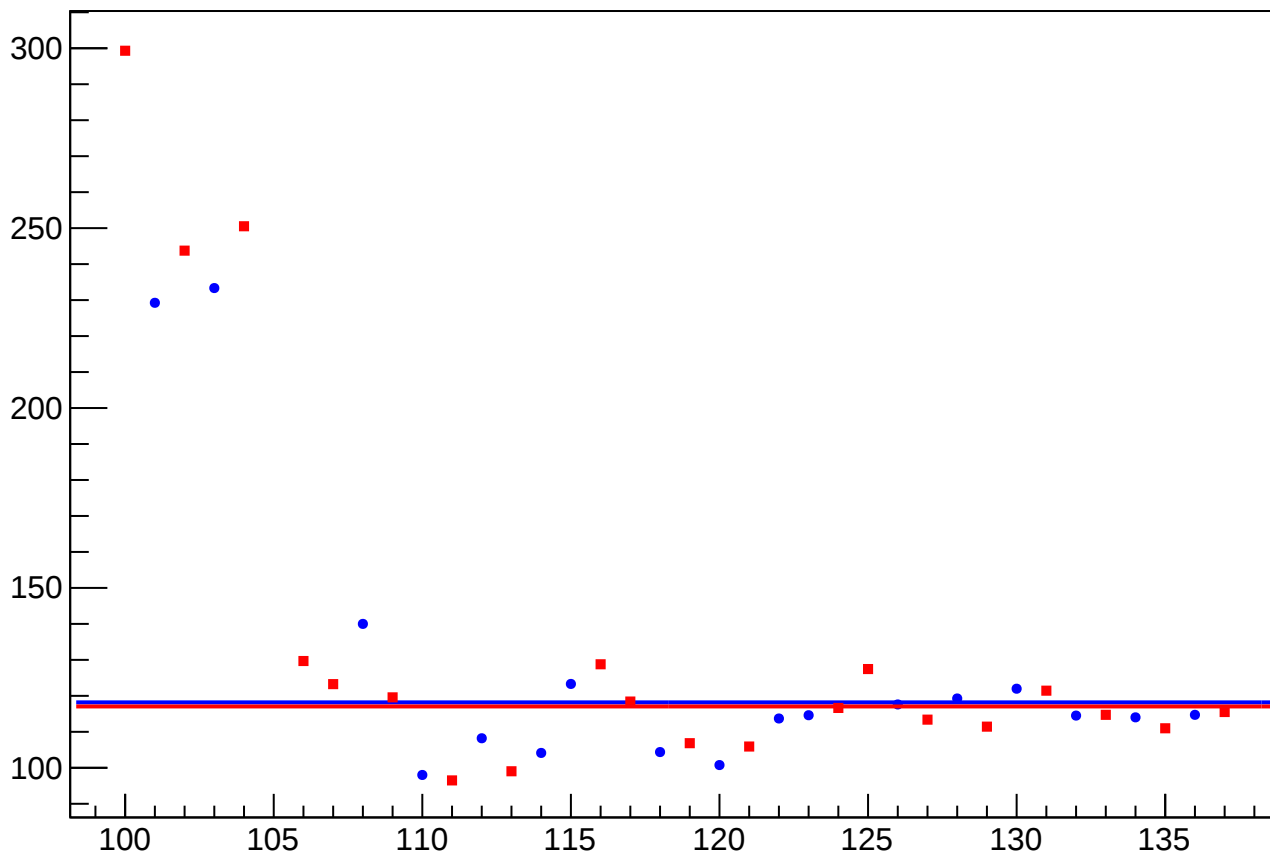
Right Out: 1486.369+/-46.243 χ^2/NDF : 8037.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2809.101+/-48.284 χ^2/NDF : 21263.1/16

1486.369+/-46.243 χ^2/NDF : 8037.1/19

asym_bpm2i01WS_rms vs Slug



Right In: 118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

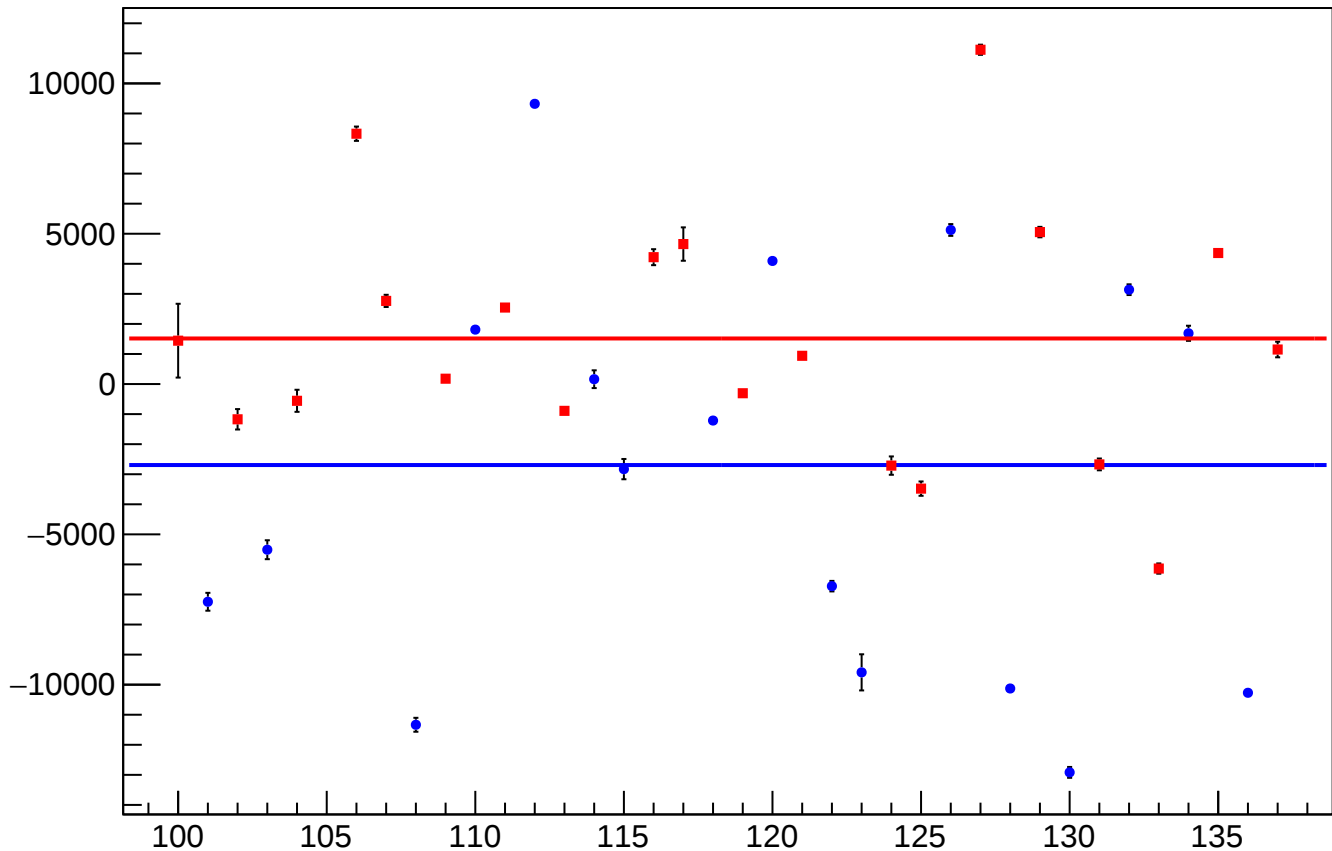
Right Out: 117.054 $\pm$ 0.033 χ^2 /NDF: 690646.8/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

117.054 $\pm$ 0.033 χ^2 /NDF: 690646.8/19

asym_bpm2i02WS_mean vs Slug



Right In: -2694.260 ± 46.347 χ^2/NDF : 22860.3/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

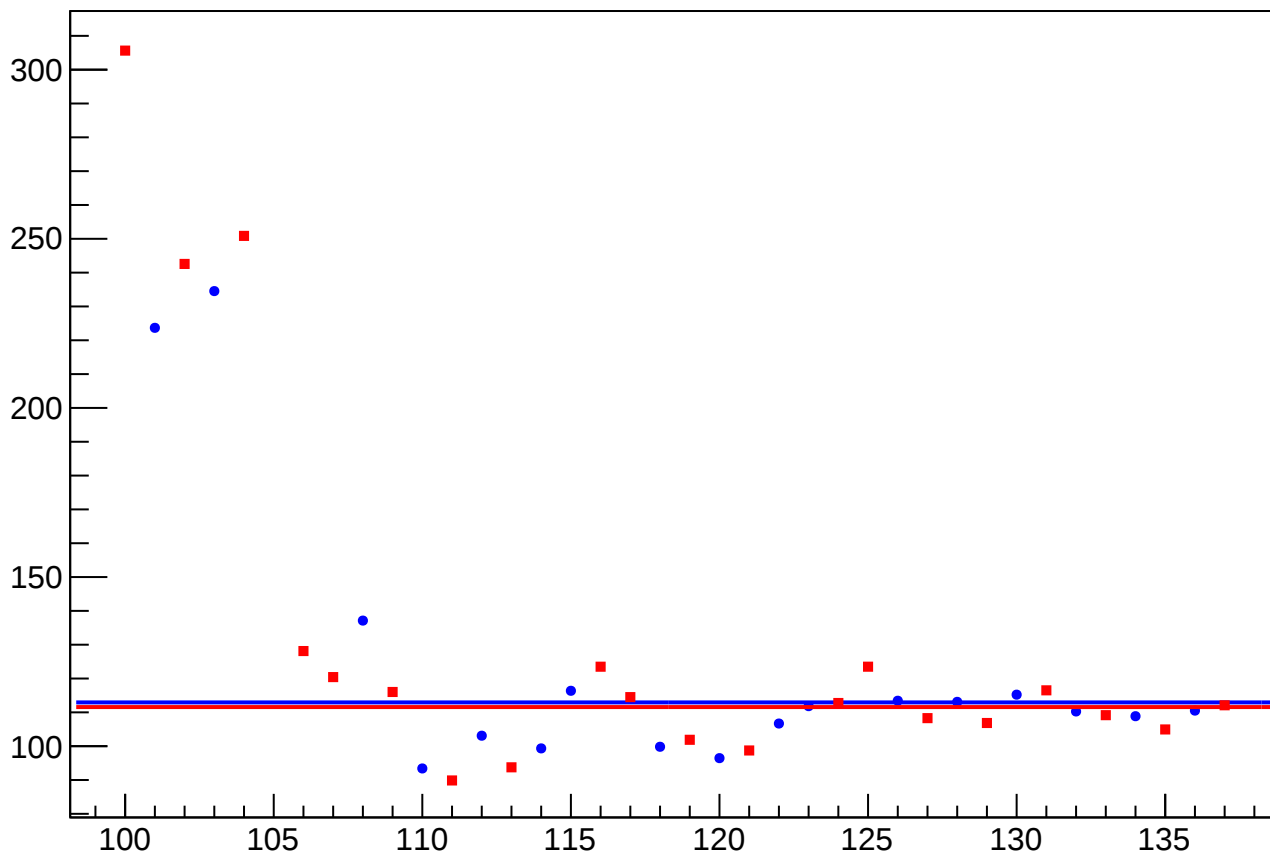
Right Out: 1515.863 ± 44.303 χ^2/NDF : 8749.3/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2694.260 ± 46.347 χ^2/NDF : 22860.3/16

1515.863 ± 44.303 χ^2/NDF : 8749.3/19

asym_bpm2i02WS_rms vs Slug



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

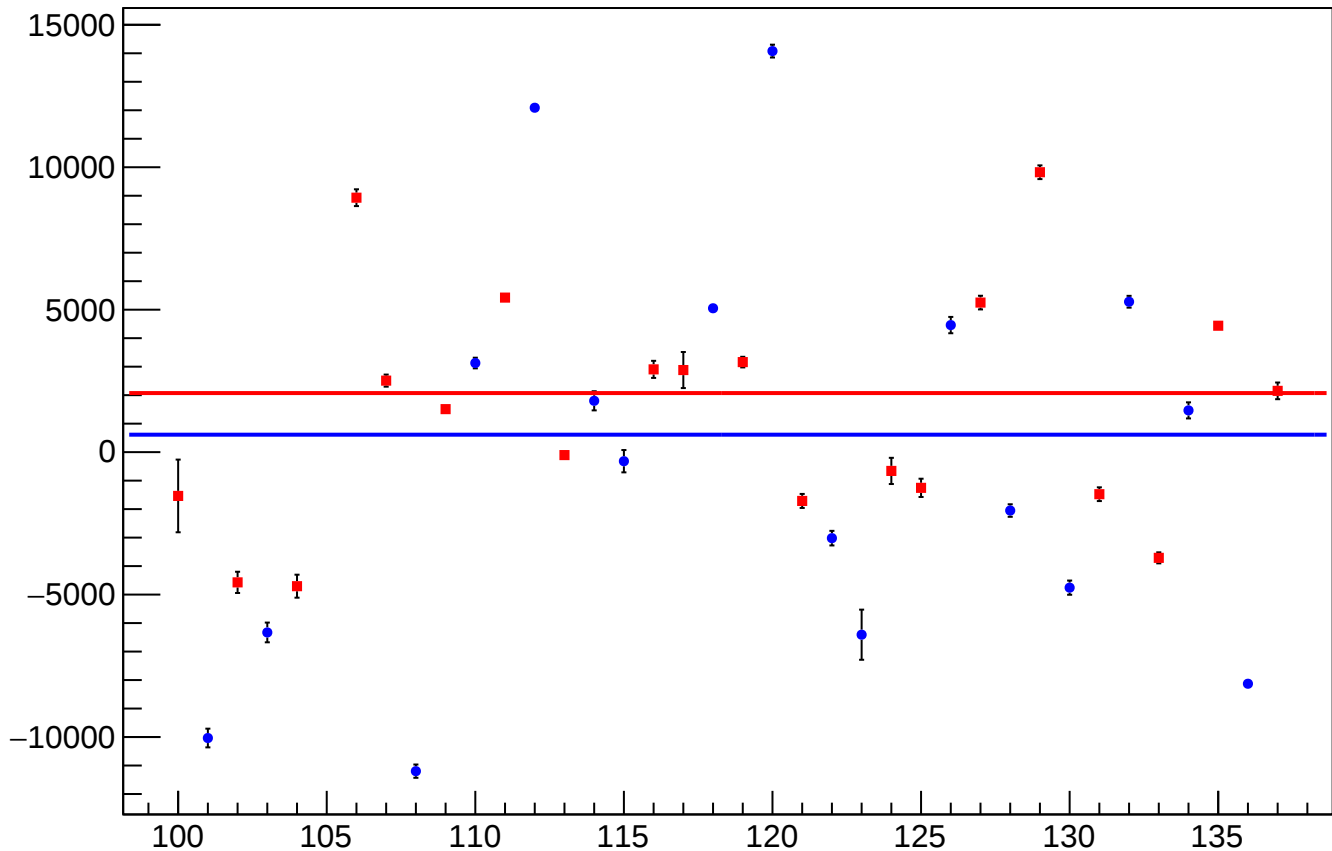
Right Out: 111.562 $\pm$ 0.031 χ^2 /NDF: 765559.1/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

112.940 $\pm$ 0.033 χ^2 /NDF: 680283.1/16

111.562 $\pm$ 0.031 χ^2 /NDF: 765559.1/19

asym_bpm0i01WS_mean vs Slug



Right In: 612.621 ± 56.062 $\chi^2/\text{NDF}: 18243.4/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

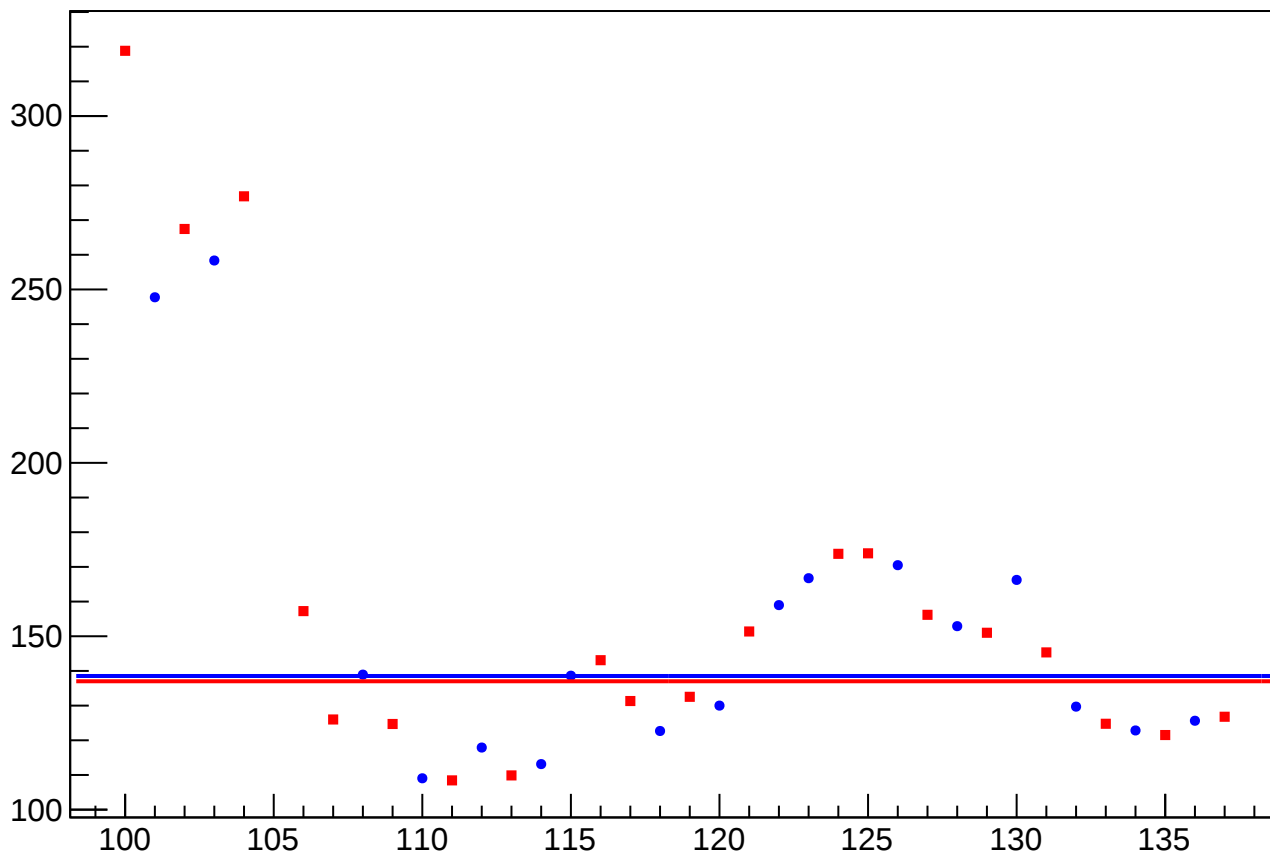
Right Out: 2073.278 ± 53.736 $\chi^2/\text{NDF}: 4644.3/19$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

612.621 ± 56.062 $\chi^2/\text{NDF}: 18243.4/16$

2073.278 ± 53.736 $\chi^2/\text{NDF}: 4644.3/19$

asym_bpm0i01WS_rms vs Slug



Right In: 138.542 $\pm$ 0.040 χ^2 /NDF: 668941.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

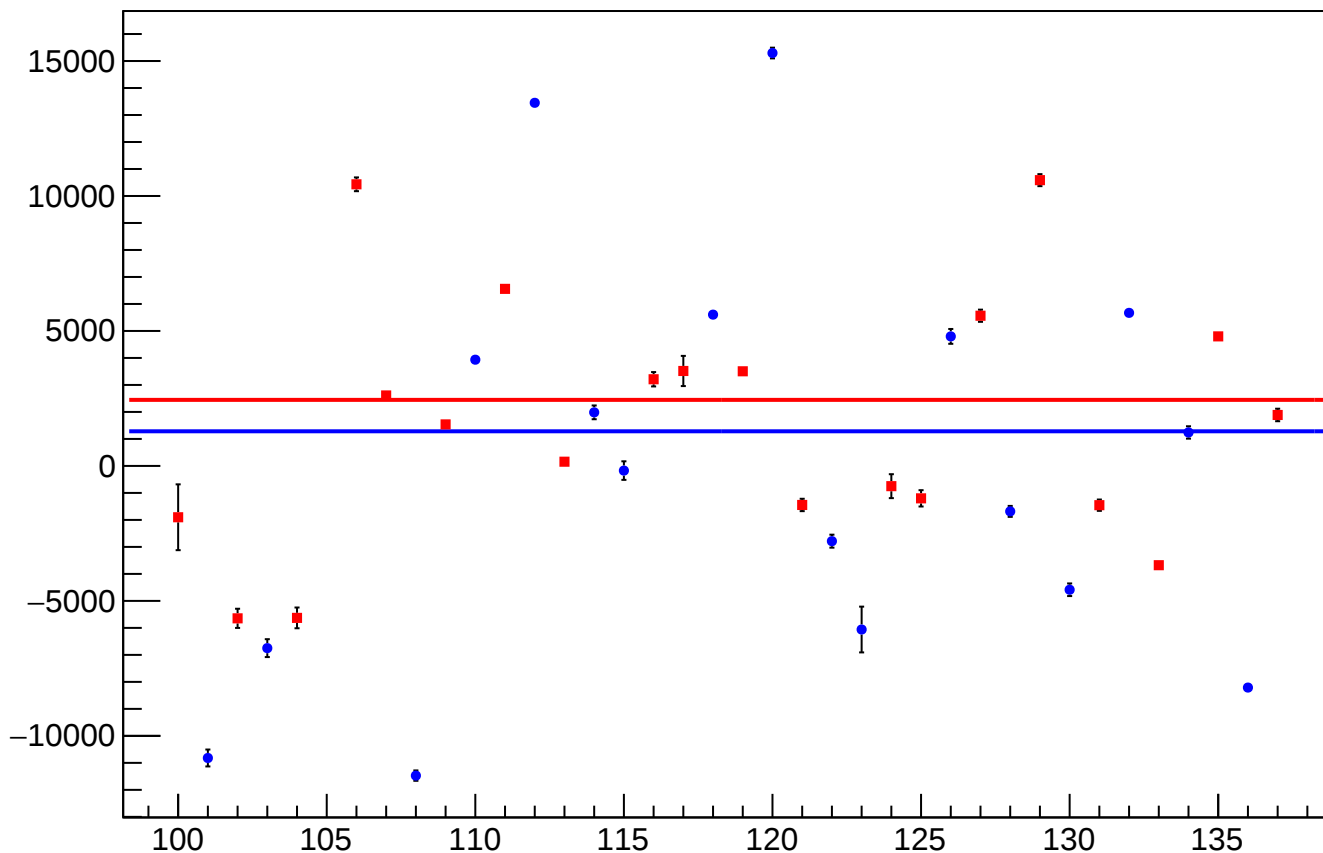
Right Out: 137.019 $\pm$ 0.038 χ^2 /NDF: 755655.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

138.542 $\pm$ 0.040 χ^2 /NDF: 668941.7/16

137.019 $\pm$ 0.038 χ^2 /NDF: 755655.0/19

asym_bpm0i01aWS_mean vs Slug



Right In: 1282.978+/-46.572 χ^2/NDF : 30540.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

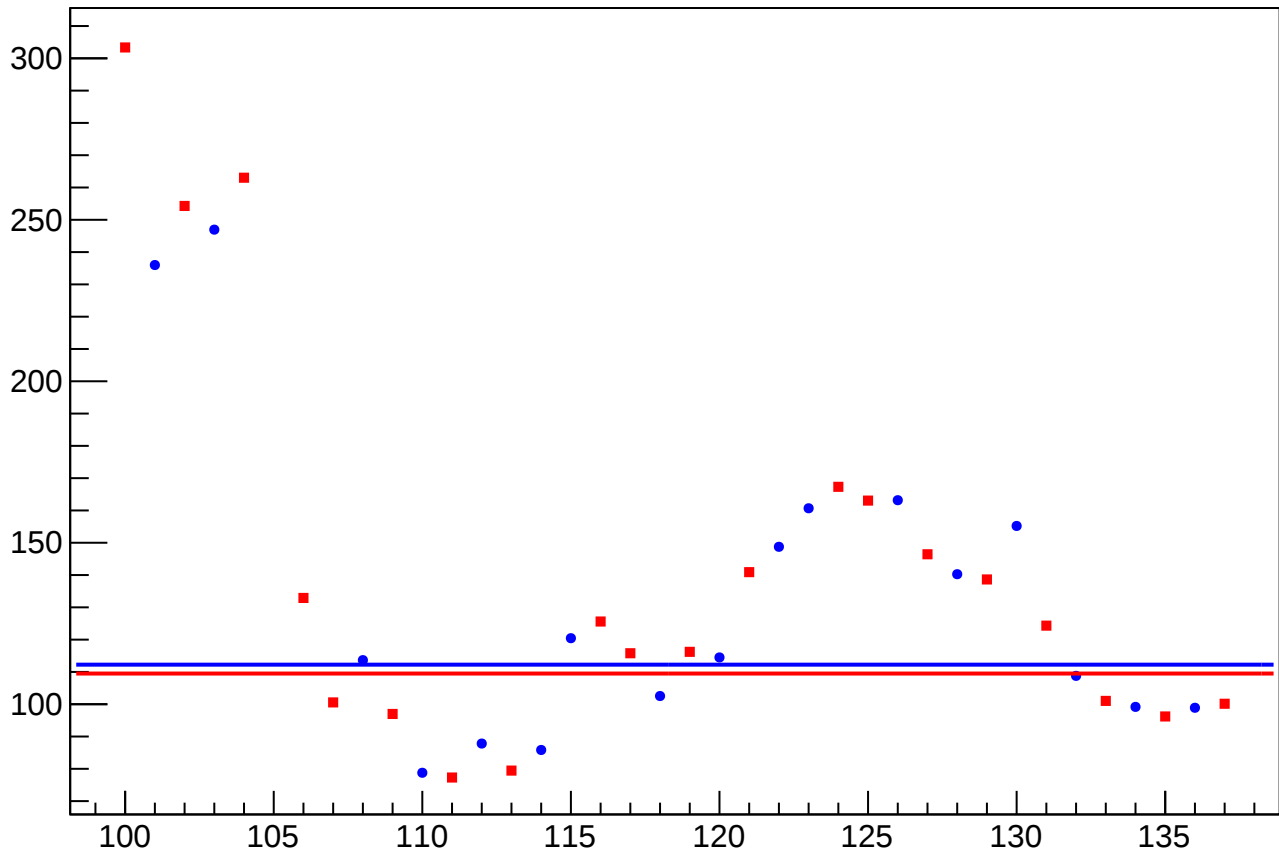
Right Out: 2446.970+/-44.148 χ^2/NDF : 7681.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1282.978+/-46.572 χ^2/NDF : 30540.8/16

2446.970+/-44.148 χ^2/NDF : 7681.2/19

asym_bpm0i01aWS_rms vs Slug



Right In: 112.251+/-0.033 χ^2/NDF : 1125537.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

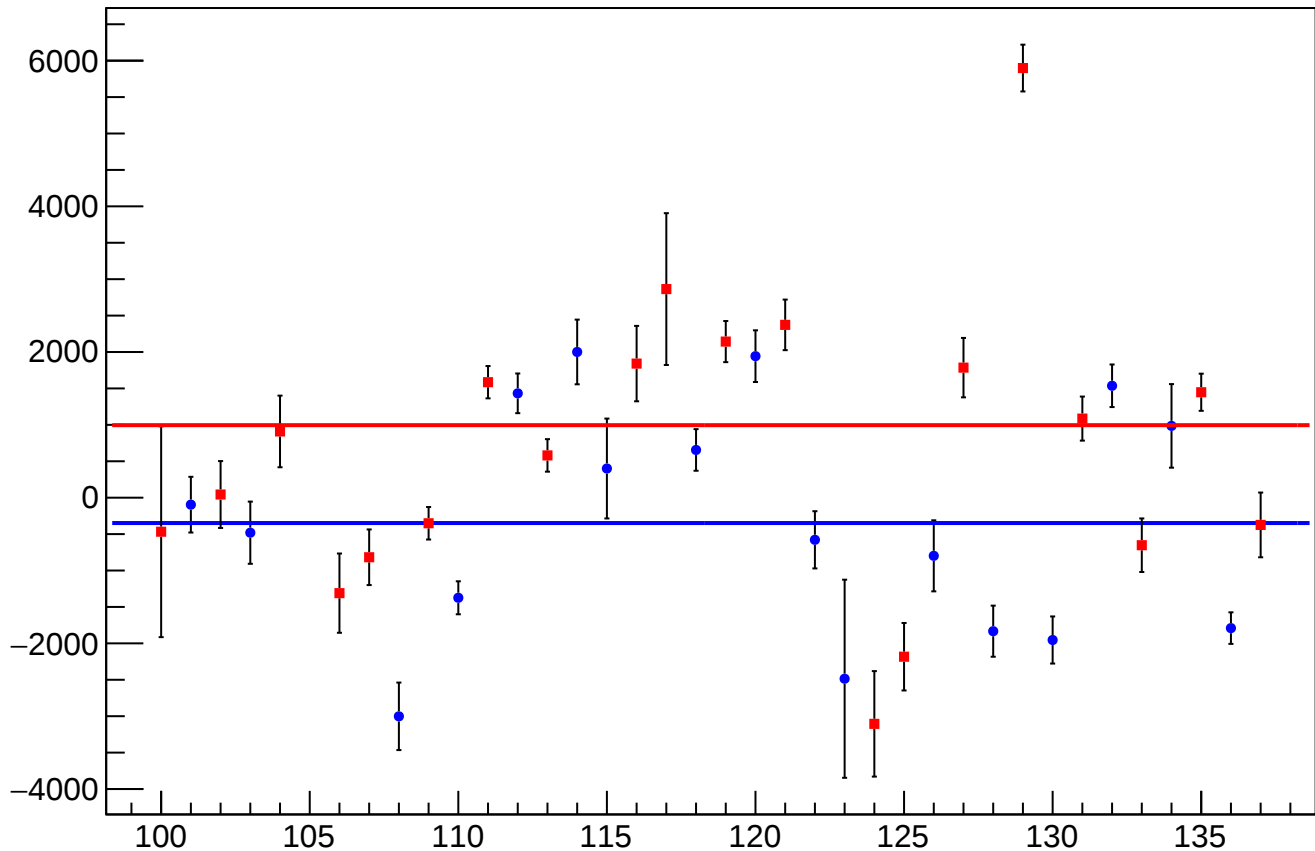
112.251+/-0.033 χ^2/NDF : 1125537.4/16

Right Out: 109.500+/-0.031 χ^2/NDF : 1269887.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.500+/-0.031 χ^2/NDF : 1269887.8/19

asym_bpm0l01WS_mean vs Slug



Right In: -348.055+/-83.826 χ^2/NDF : 317.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

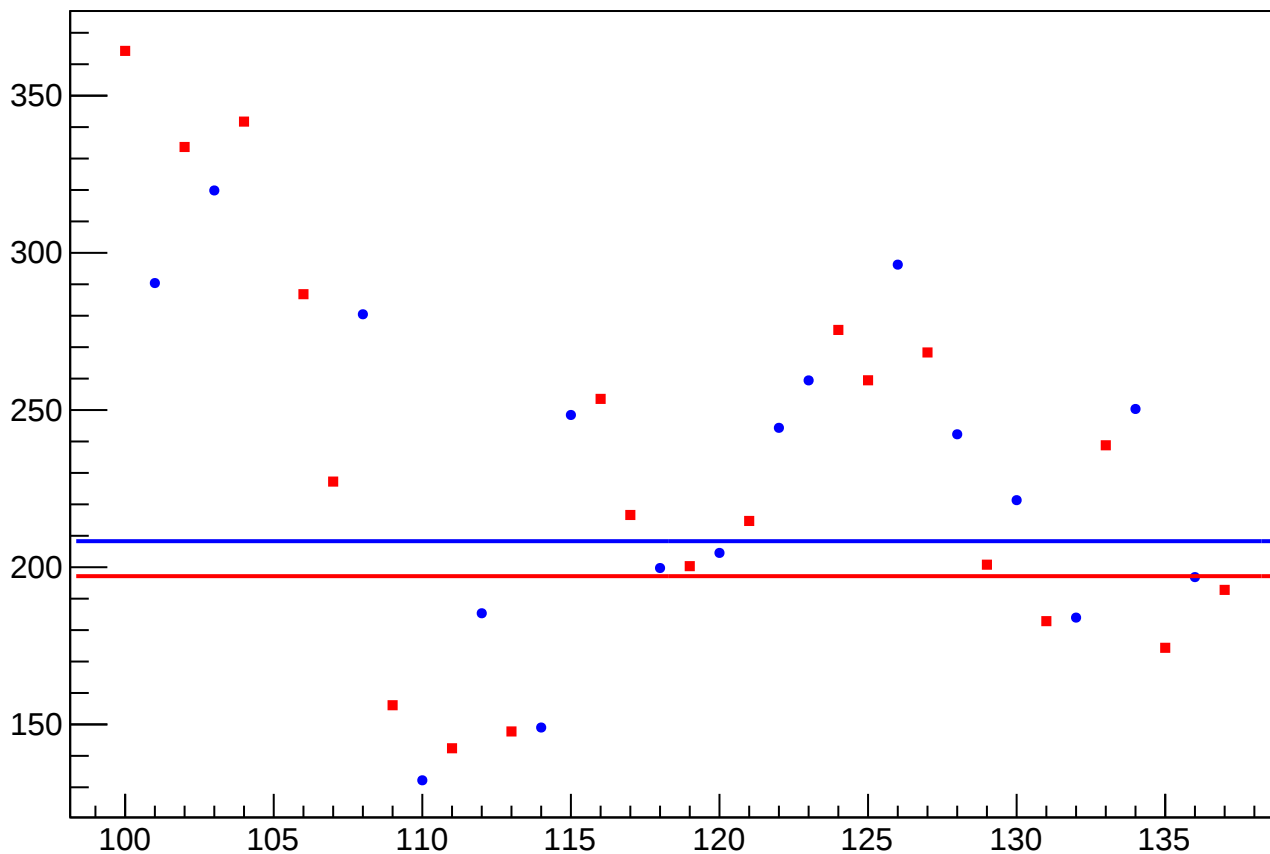
Right Out: 995.622+/-77.468 χ^2/NDF : 479.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-348.055+/-83.826 χ^2/NDF : 317.3/16

995.622+/-77.468 χ^2/NDF : 479.8/19

asym_bpm0l01WS_rms vs Slug



Right In: 208.288+/-0.059 χ^2/NDF : 698491.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

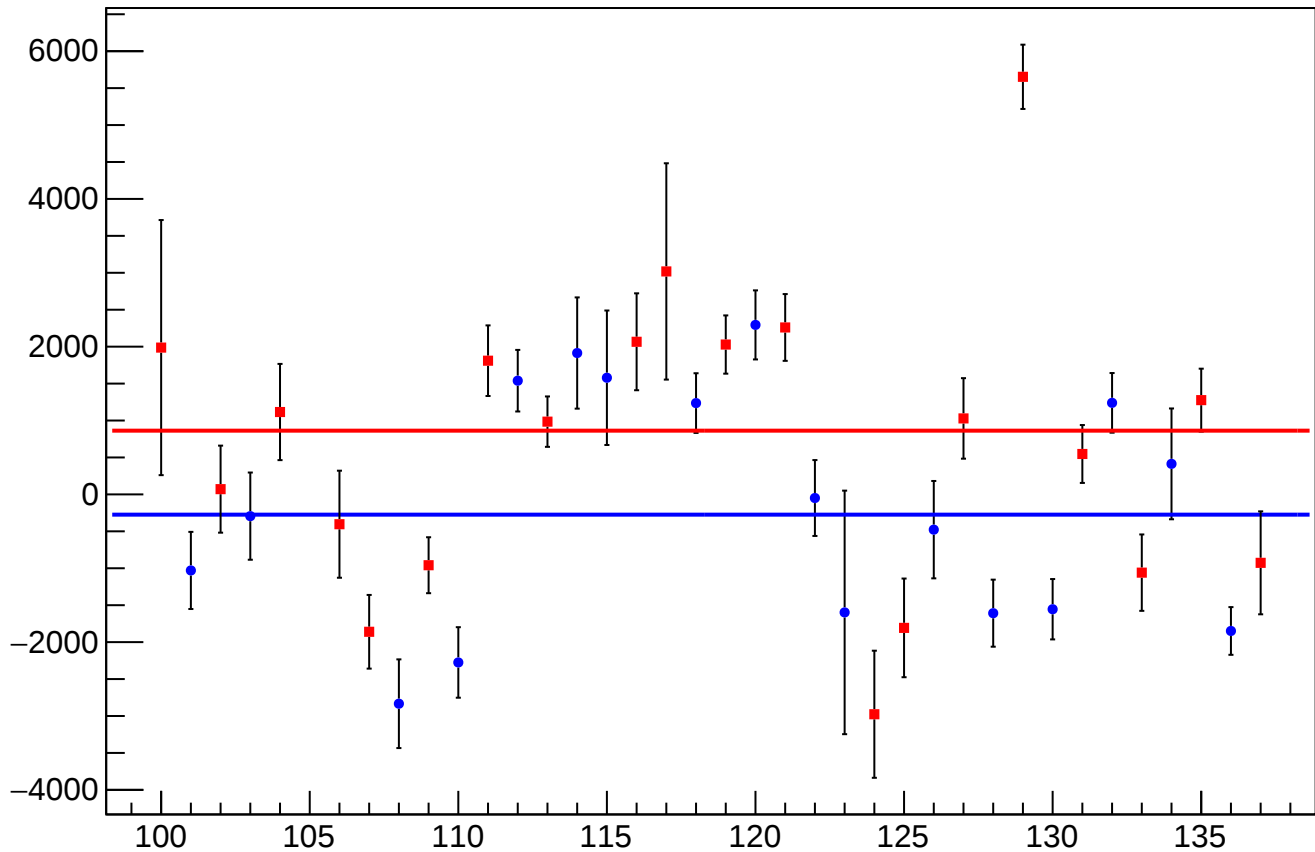
Right Out: 197.159+/-0.055 χ^2/NDF : 927487.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

208.288+/-0.059 χ^2/NDF : 698491.0/16

197.159+/-0.055 χ^2/NDF : 927487.8/19

asym_bpm0l02WS_mean vs Slug



Right In: -274.260+/-121.326 χ^2 /NDF: 171.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

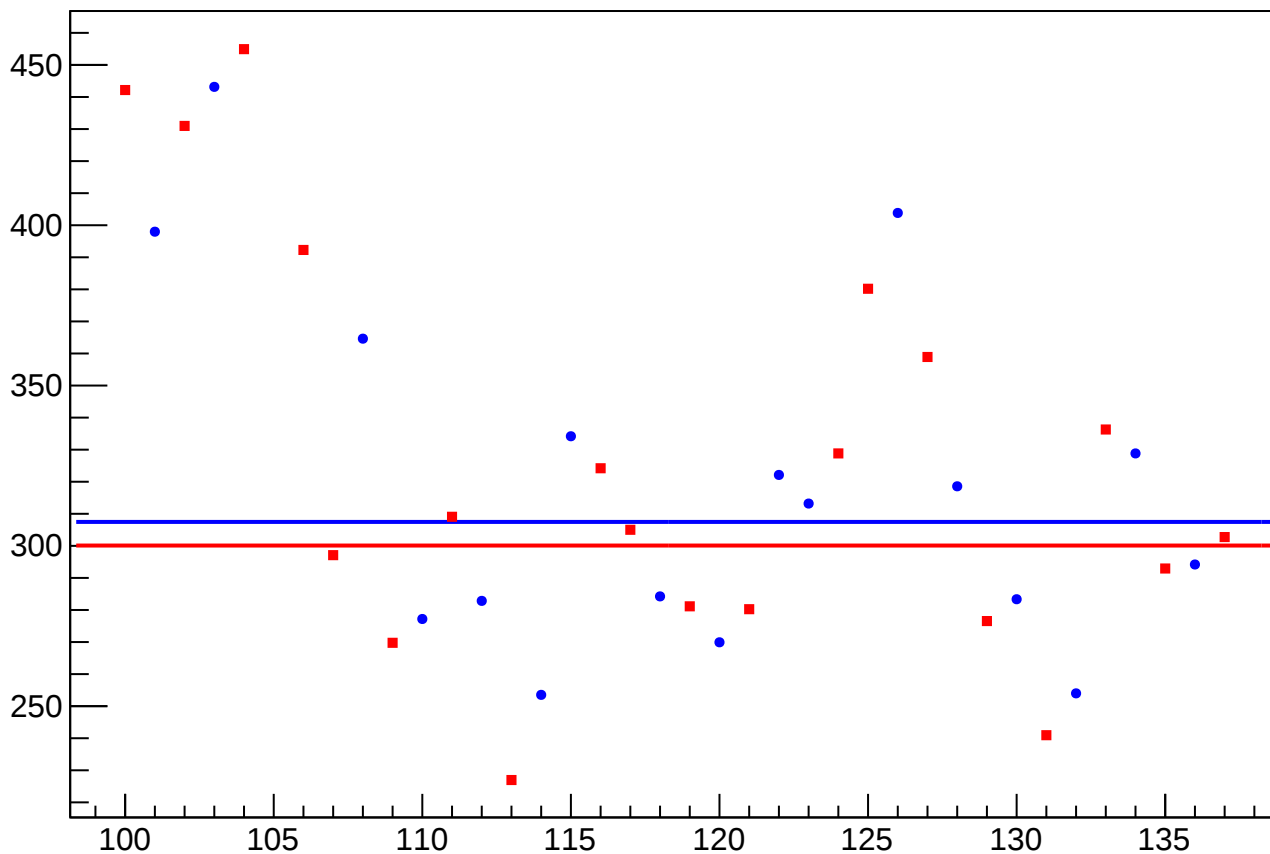
Right Out: 862.791+/-114.993 χ^2 /NDF: 265.4/19

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-274.260+/-121.326 χ^2 /NDF: 171.6/16

862.791+/-114.993 χ^2 /NDF: 265.4/19

asym_bpm0l02WS_rms vs Slug



Right In: 307.468+/-0.086 χ^2/NDF : 323096.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

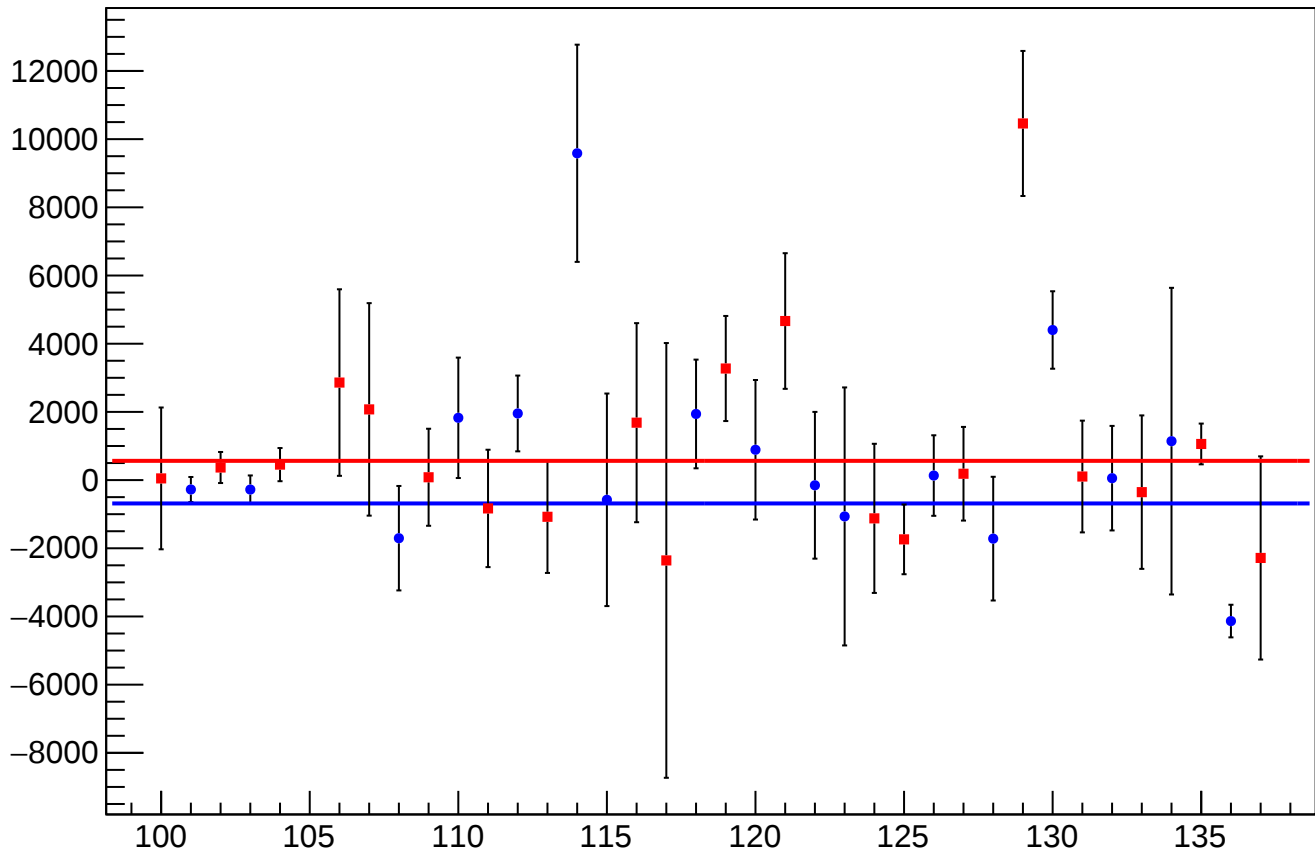
Right Out: 300.100+/-0.081 χ^2/NDF : 490421.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

307.468+/-0.086 χ^2/NDF : 323096.7/16

300.100+/-0.081 χ^2/NDF : 490421.6/19

asym_bpm0l03WS_mean vs Slug



Right In: -685.056+/-210.341 χ^2/NDF : 97.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

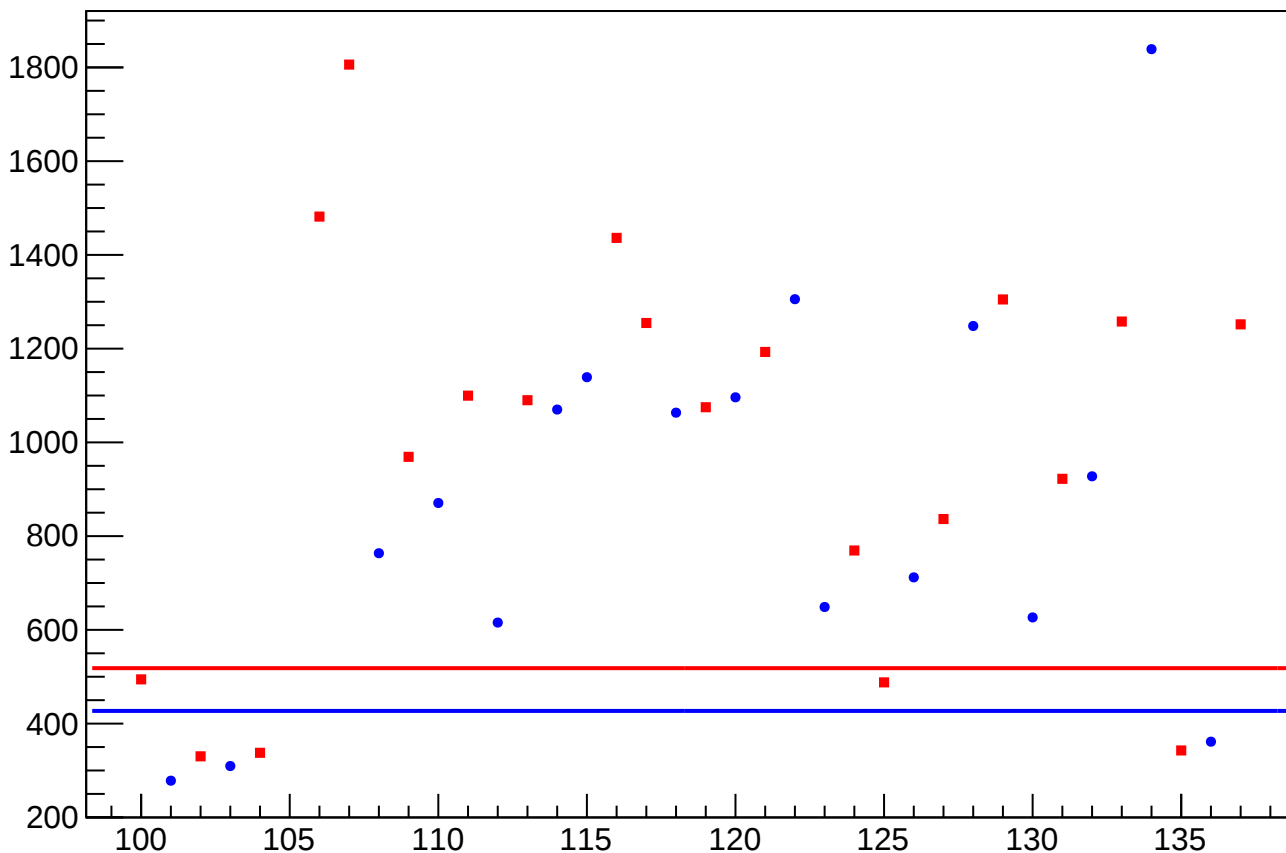
Right Out: 564.400+/-243.074 χ^2/NDF : 39.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-685.056+/-210.341 χ^2/NDF : 97.4/16

564.400+/-243.074 χ^2/NDF : 39.9/19

asym_bpm0l03WS_rms vs Slug



Right In: 427.079+/-0.149 χ^2/NDF : 2865678.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

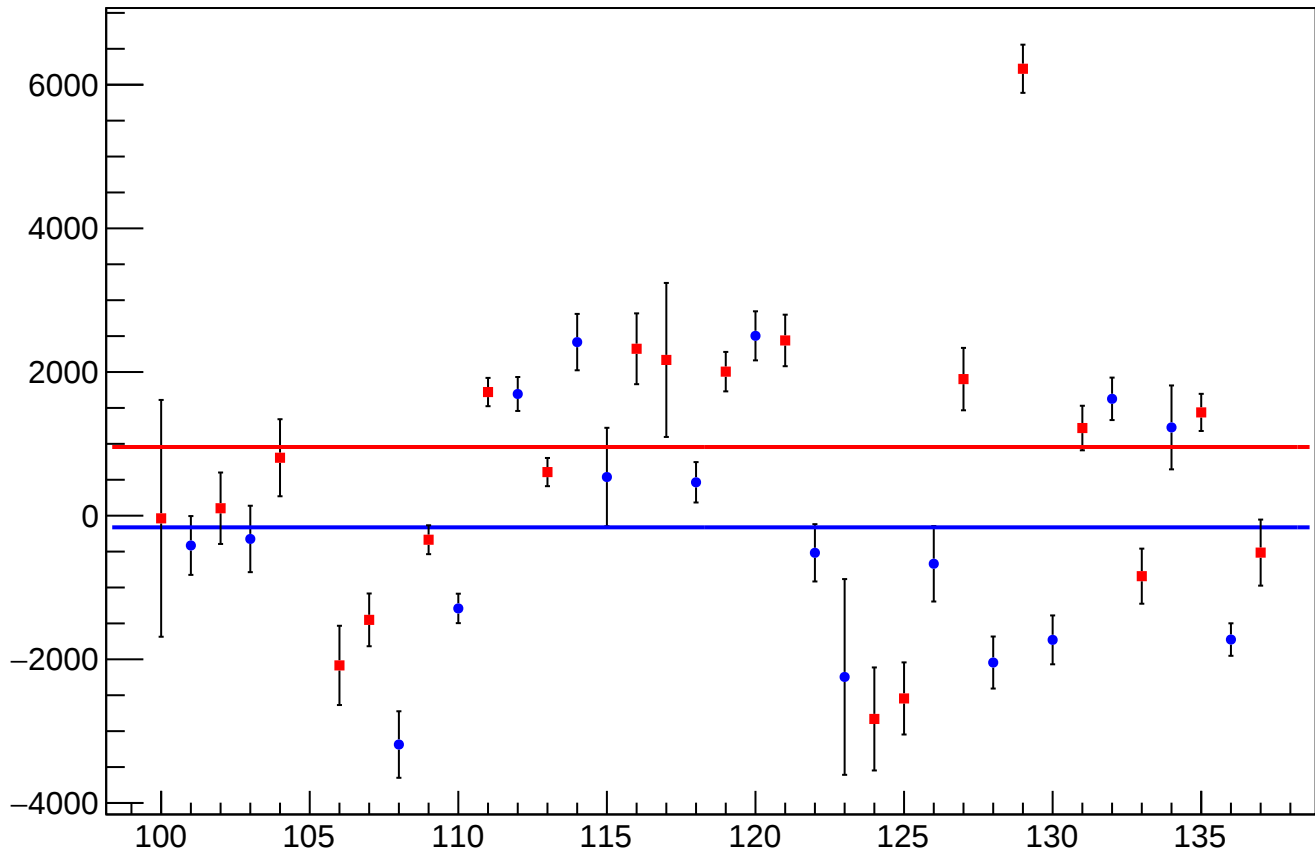
Right Out: 518.306+/-0.172 χ^2/NDF : 3631833.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

427.079+/-0.149 χ^2/NDF : 2865678.7/16

518.306+/-0.172 χ^2/NDF : 3631833.9/19

asym_bpm0l04WS_mean vs Slug



Right In: -162.333+/-82.350 χ^2/NDF : 387.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

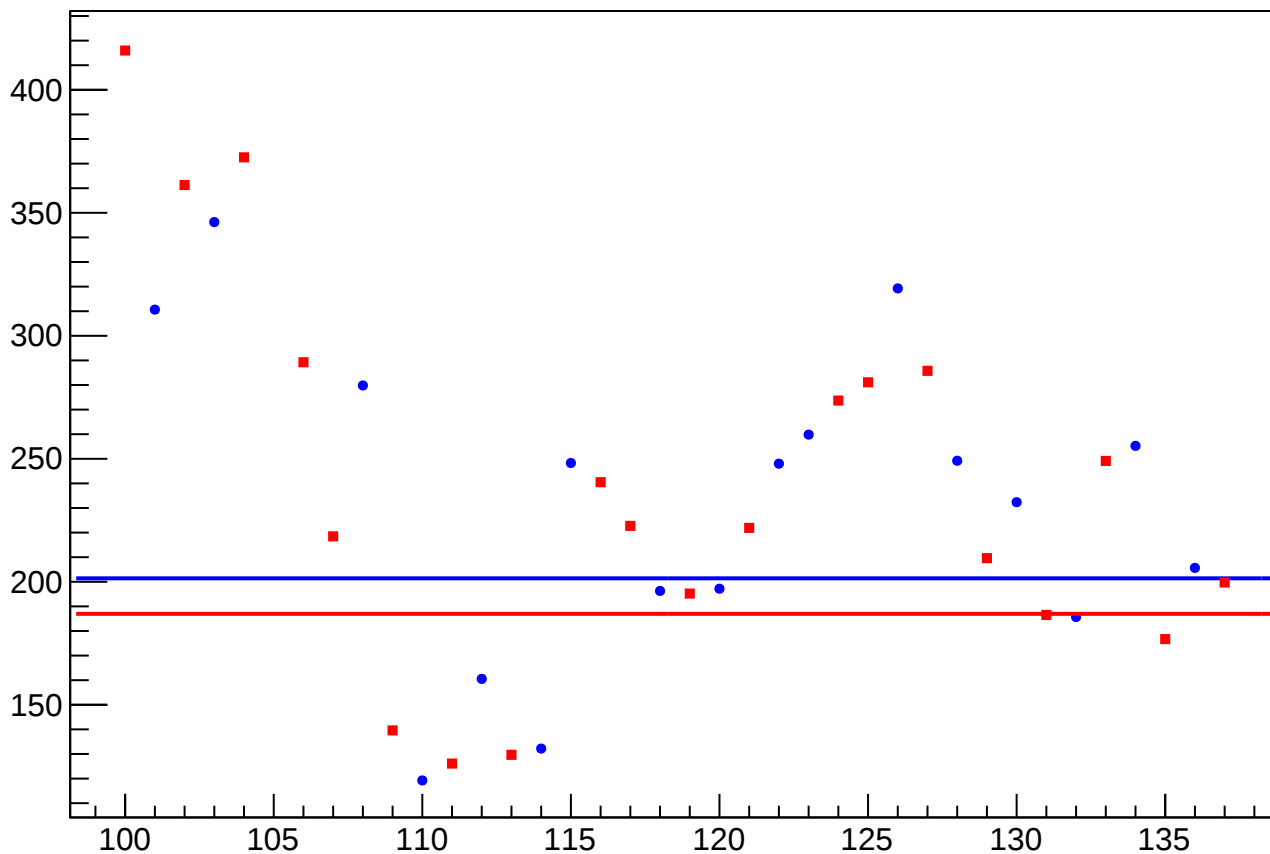
Right Out: 956.044+/-74.949 χ^2/NDF : 541.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-162.333+/-82.350 χ^2/NDF : 387.6/16

956.044+/-74.949 χ^2/NDF : 541.1/19

asym_bpm0l04WS_rms vs Slug



Right In: 201.409+/-0.058 χ^2/NDF : 1056022.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

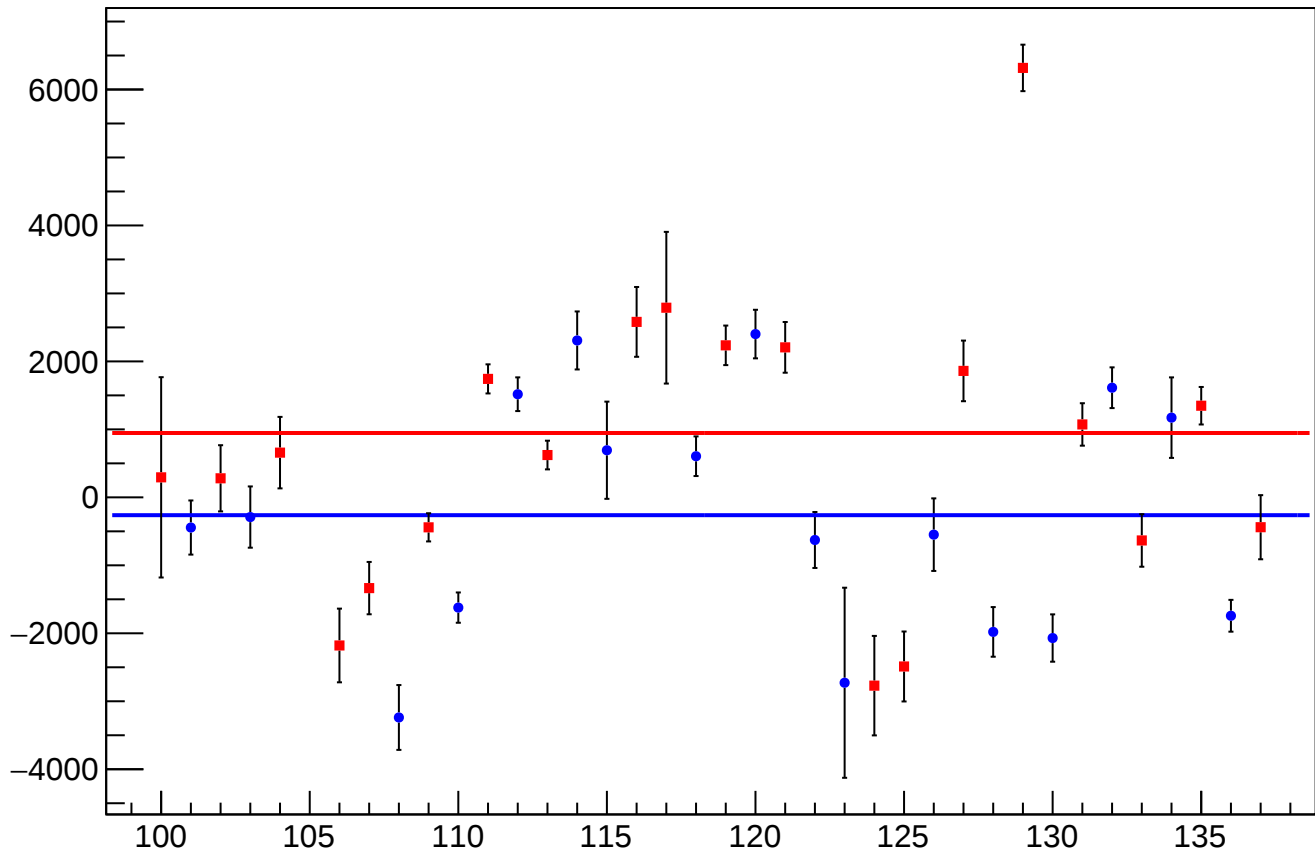
Right Out: 186.973+/-0.053 χ^2/NDF : 1395397.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.409+/-0.058 χ^2/NDF : 1056022.1/16

186.973+/-0.053 χ^2/NDF : 1395397.8/19

asym_bpm0l05WS_mean vs Slug



Right In: -262.324+/-85.433 χ^2/NDF : 368.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

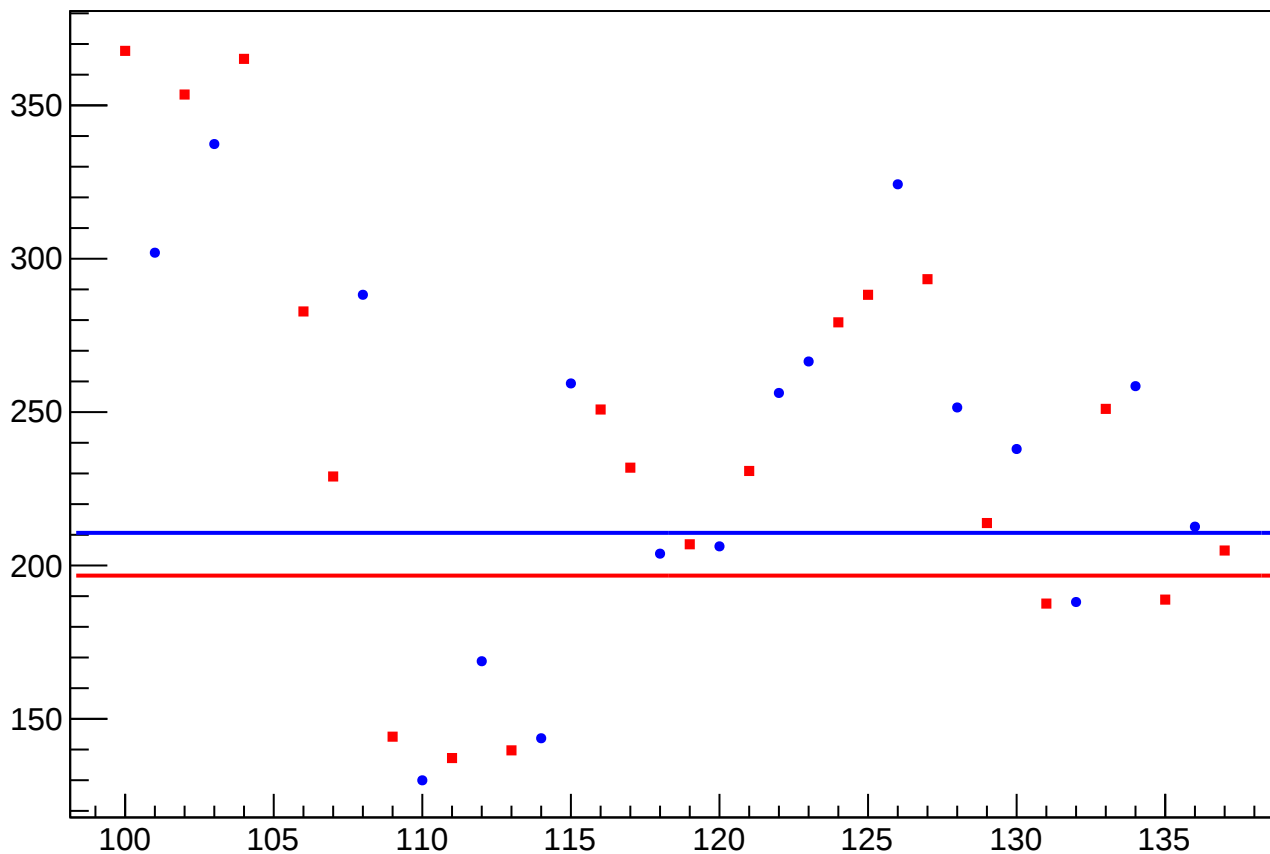
Right Out: 946.785+/-78.241 χ^2/NDF : 524.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-262.324+/-85.433 χ^2/NDF : 368.7/16

946.785+/-78.241 χ^2/NDF : 524.6/19

asym_bpm0l05WS_rms vs Slug



Right In: 210.636+/-0.060 χ^2/NDF : 875776.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

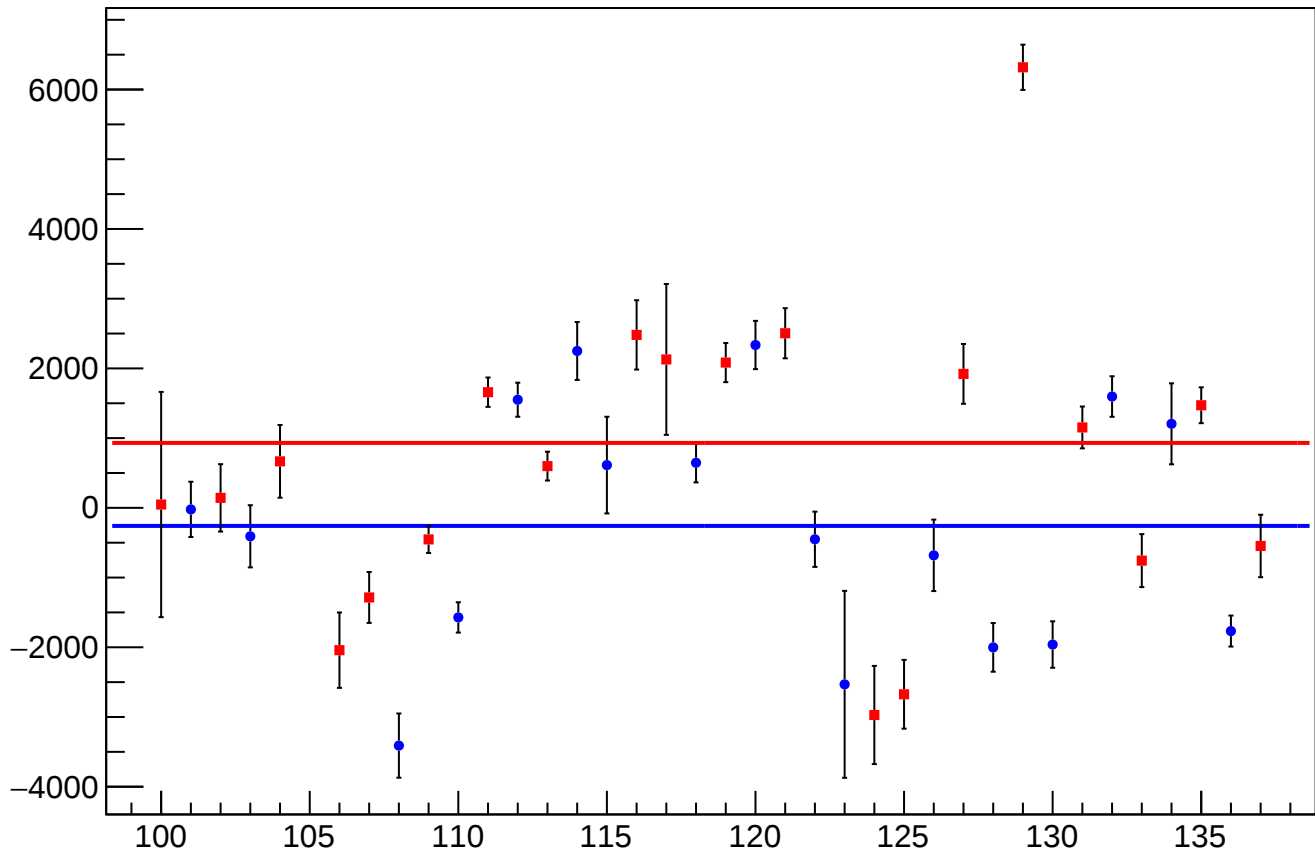
210.636+/-0.060 χ^2/NDF : 875776.4/16

Right Out: 196.702+/-0.055 χ^2/NDF : 1207089.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.702+/-0.055 χ^2/NDF : 1207089.6/19

asym_bpm0l06WS_mean vs Slug



Right In: -259.139+/-82.802 χ^2/NDF : 391.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

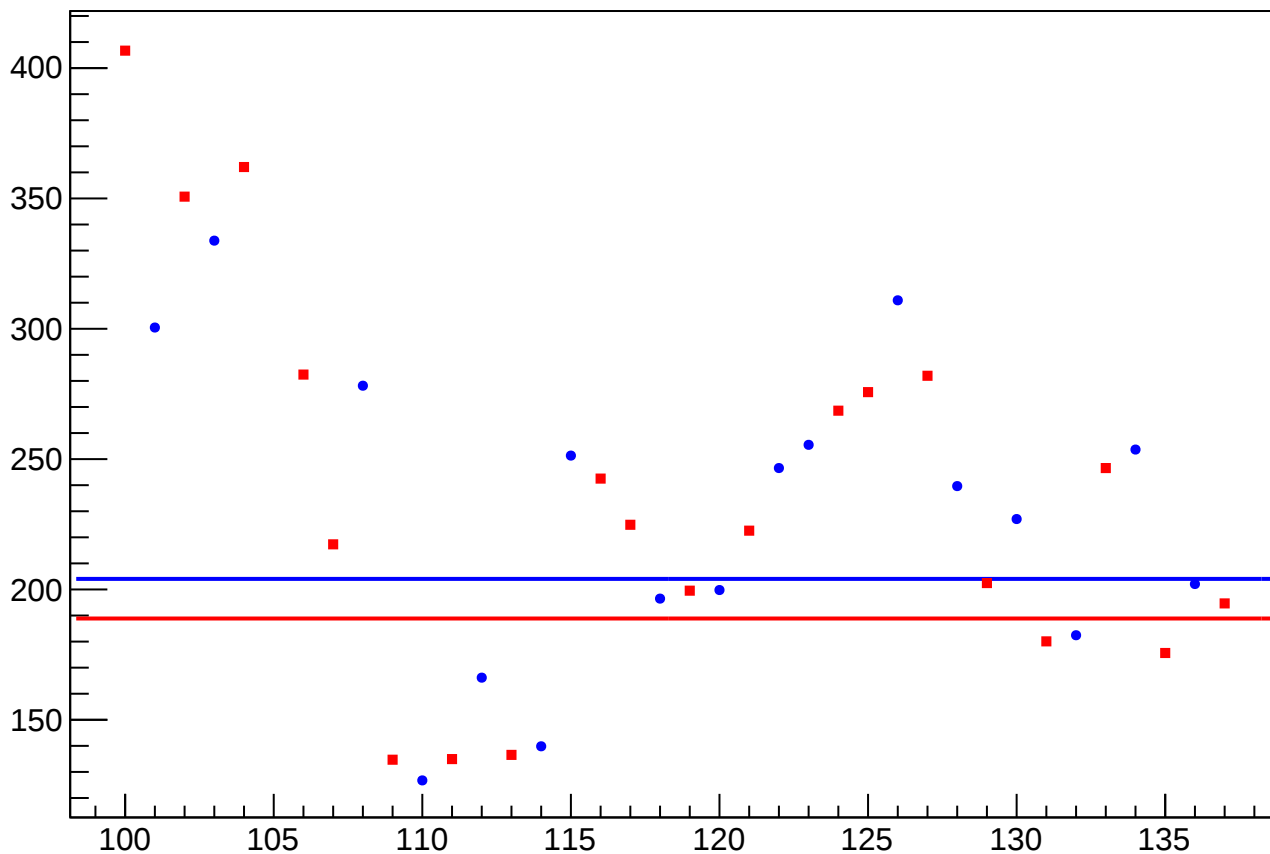
Right Out: 931.363+/-75.320 χ^2/NDF : 583.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-259.139+/-82.802 χ^2/NDF : 391.2/16

931.363+/-75.320 χ^2/NDF : 583.1/19

asym_bpm0l06WS_rms vs Slug



Right In: 204.051+/-0.059 χ^2/NDF : 868423.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

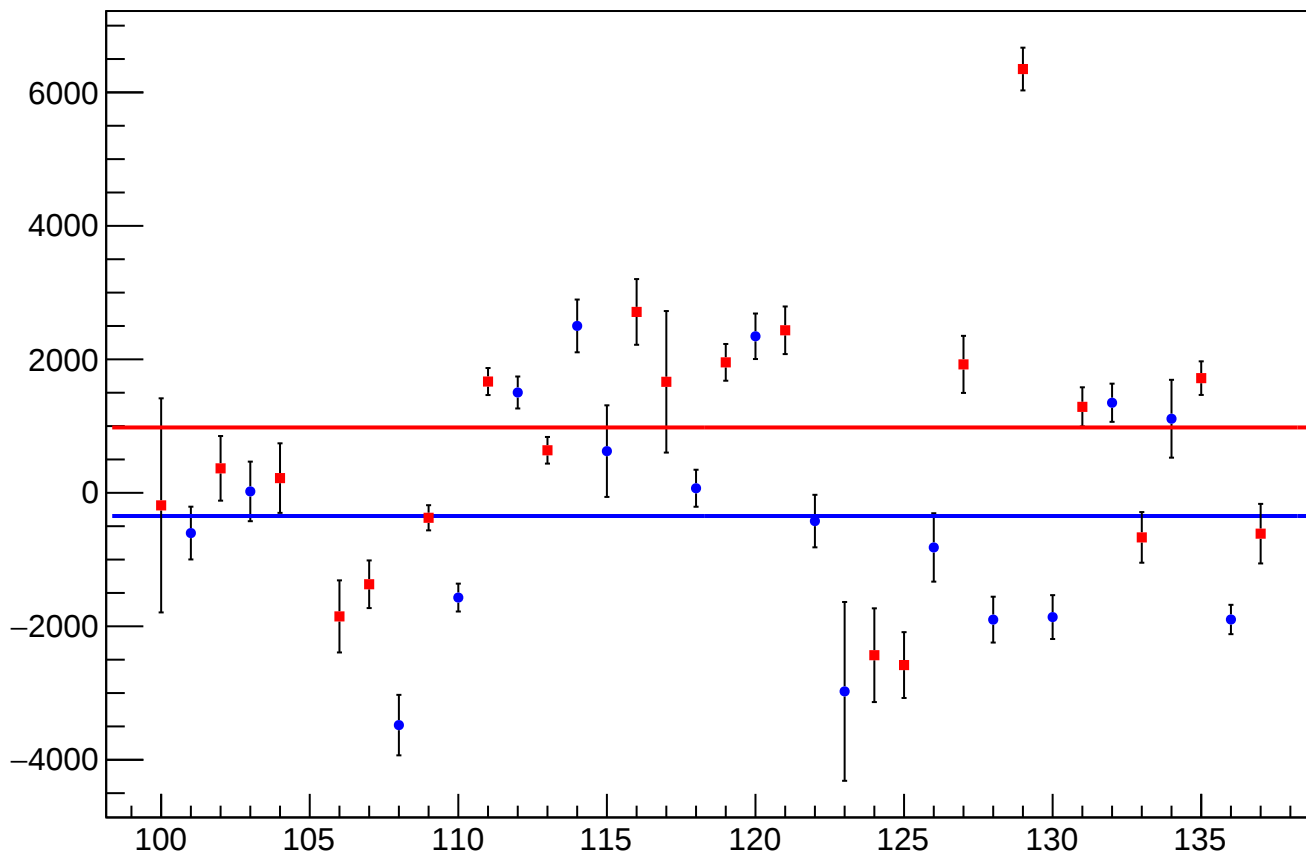
Right Out: 188.856+/-0.053 χ^2/NDF : 1253327.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.051+/-0.059 χ^2/NDF : 868423.0/16

188.856+/-0.053 χ^2/NDF : 1253327.1/19

asym_bpm0l07WS_mean vs Slug



Right In: -347.240+/-81.318 χ^2/NDF : 399.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

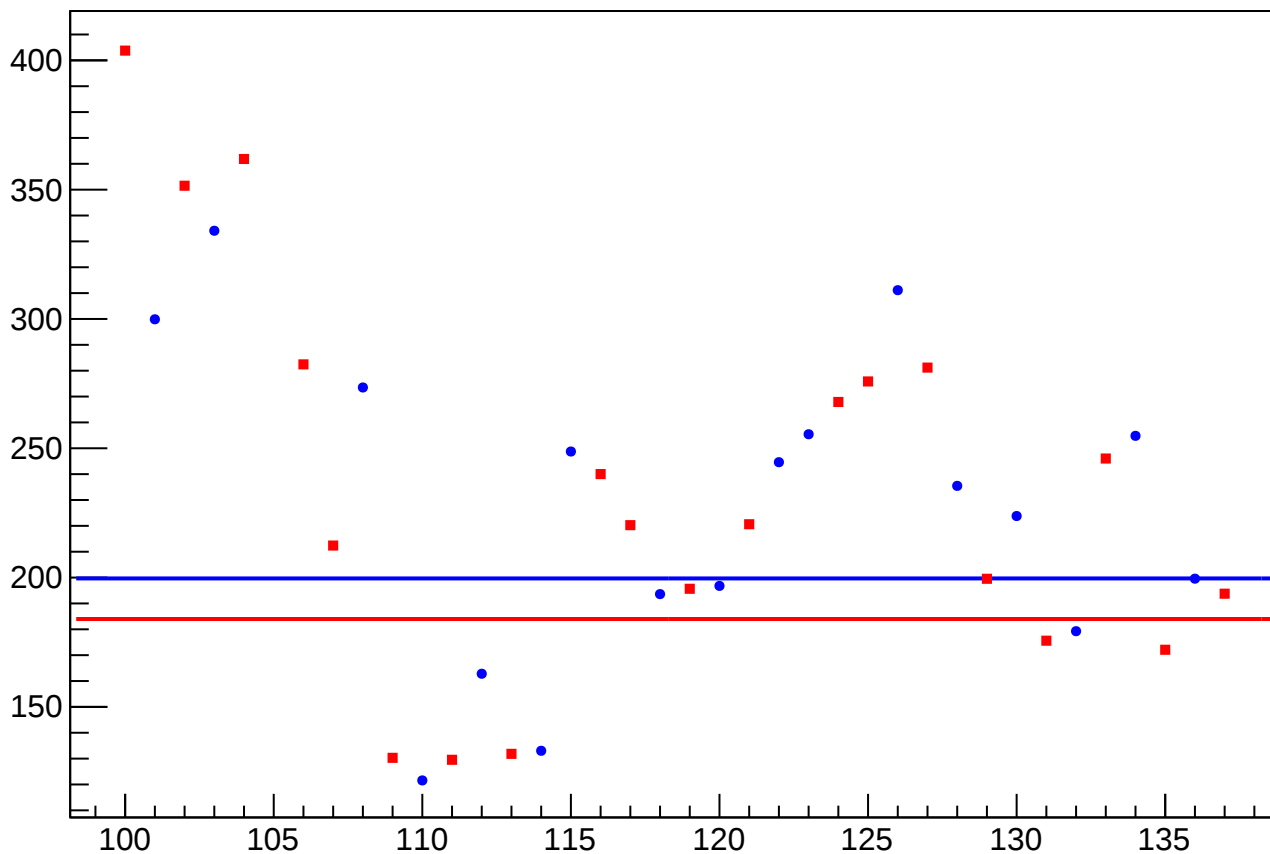
Right Out: 979.606+/-73.710 χ^2/NDF : 586.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-347.240+/-81.318 χ^2/NDF : 399.1/16

979.606+/-73.710 χ^2/NDF : 586.1/19

asym_bpm0l07WS_rms vs Slug



Right In: 199.669 $\pm$ 0.058 χ^2 /NDF: 943155.1/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

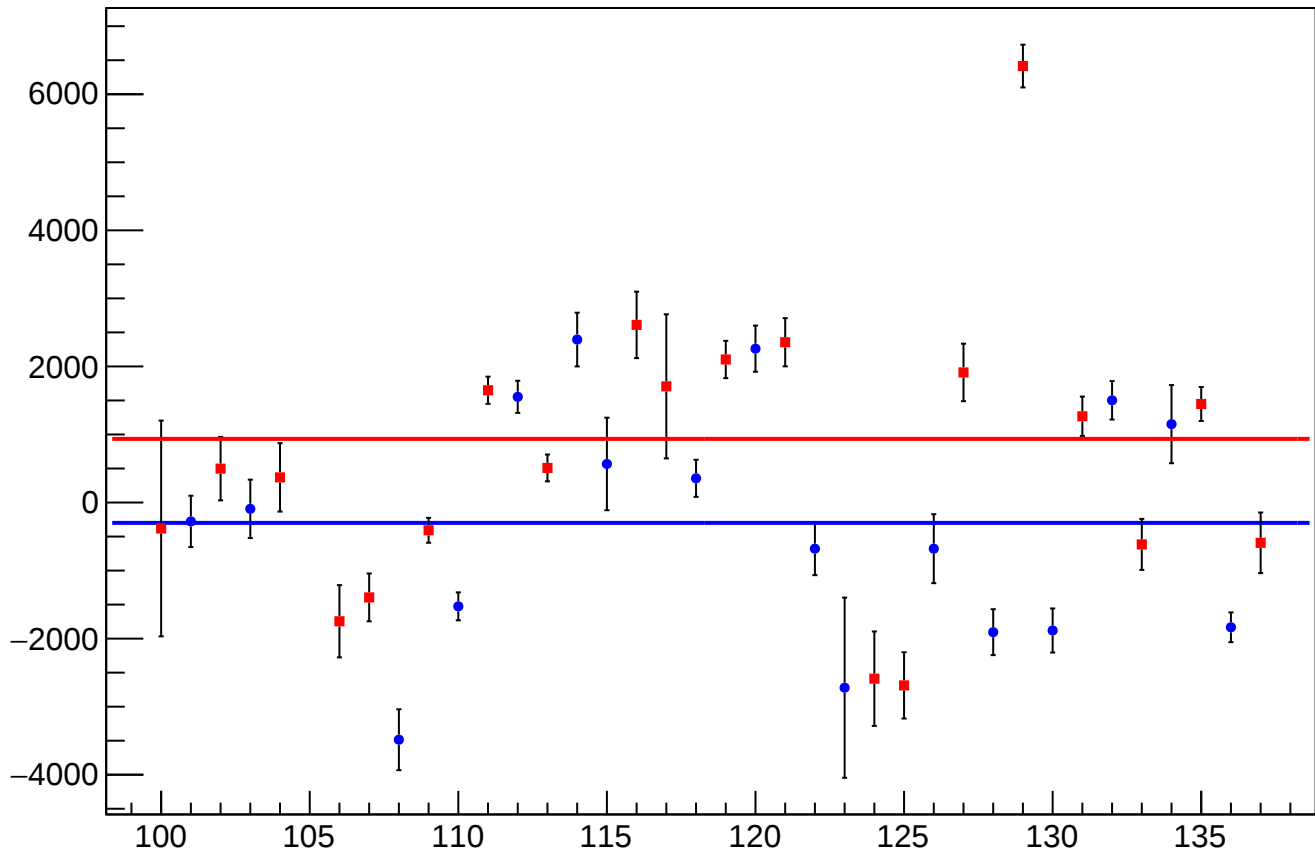
Right Out: 183.984 $\pm$ 0.052 χ^2 /NDF: 1351978.1/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

199.669 $\pm$ 0.058 χ^2 /NDF: 943155.1/16

183.984 $\pm$ 0.052 χ^2 /NDF: 1351978.1/19

asym_bpm0l08WS_mean vs Slug



Right In: -298.963+/-80.162 χ^2/NDF : 406.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

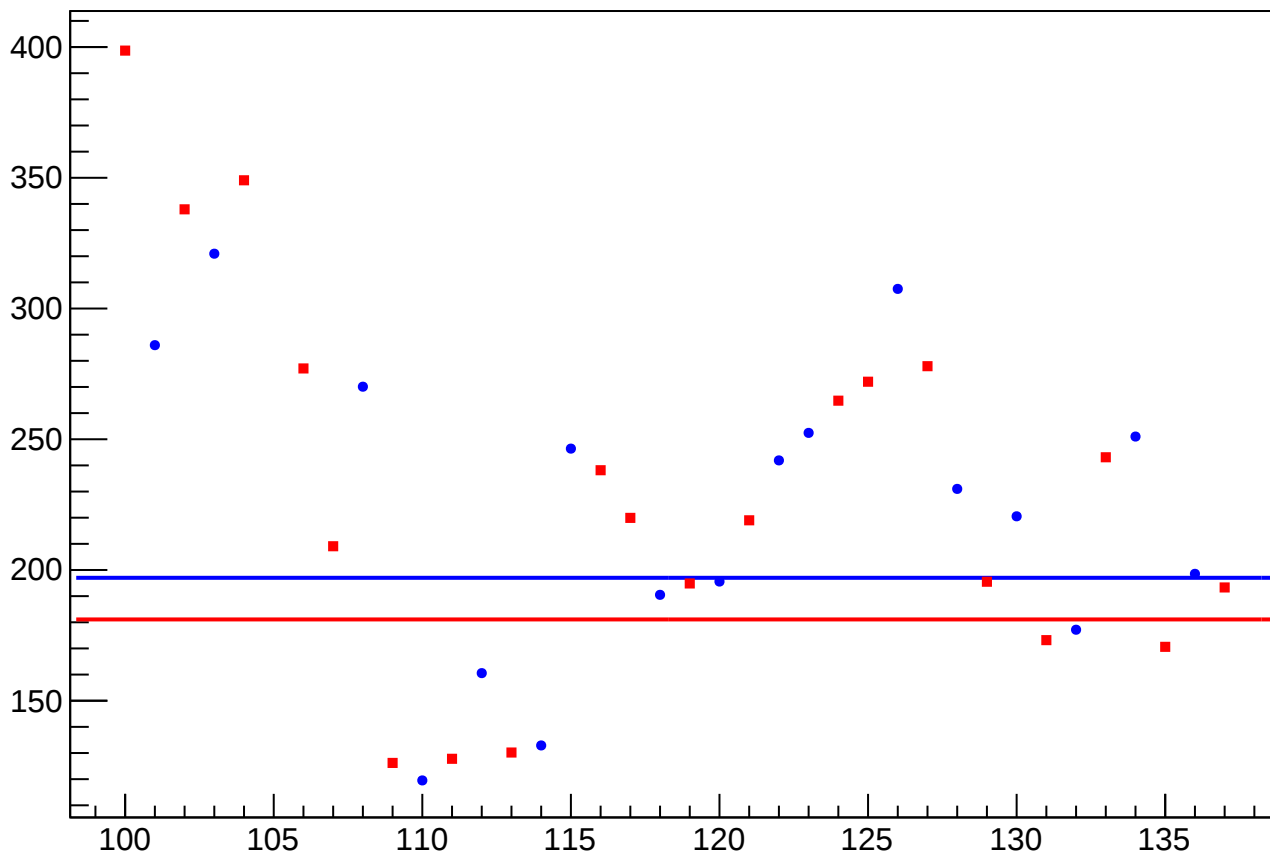
Right Out: 935.490+/-72.580 χ^2/NDF : 615.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-298.963+/-80.162 χ^2/NDF : 406.6/16

935.490+/-72.580 χ^2/NDF : 615.3/19

asym_bpm0l08WS_rms vs Slug



Right In: 197.013 $\pm$ 0.057 χ^2 /NDF: 911923.5/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

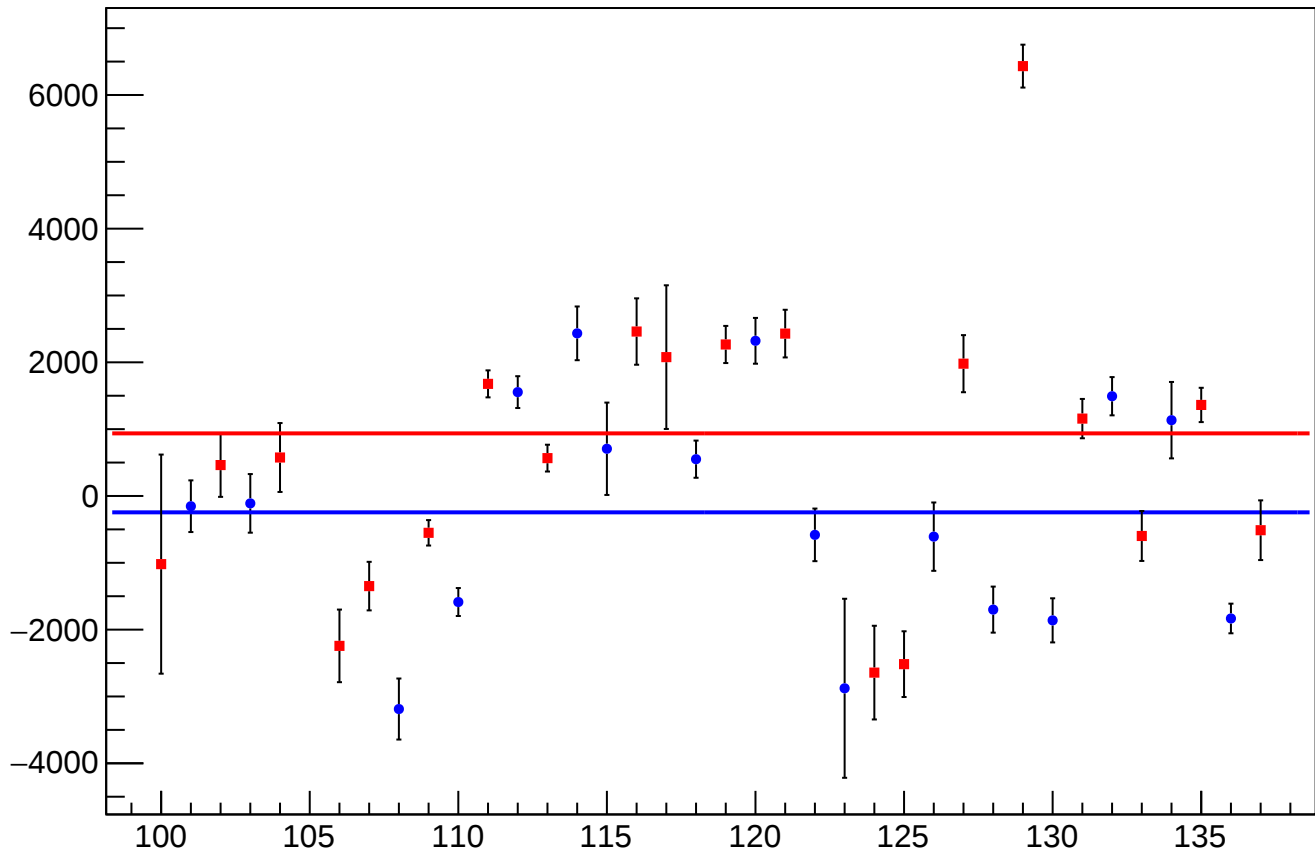
Right Out: 181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

197.013 $\pm$ 0.057 χ^2 /NDF: 911923.5/16

181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

asym_bpm0l09WS_mean vs Slug



Right In: -244.925+/-81.395 χ^2/NDF : 391.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

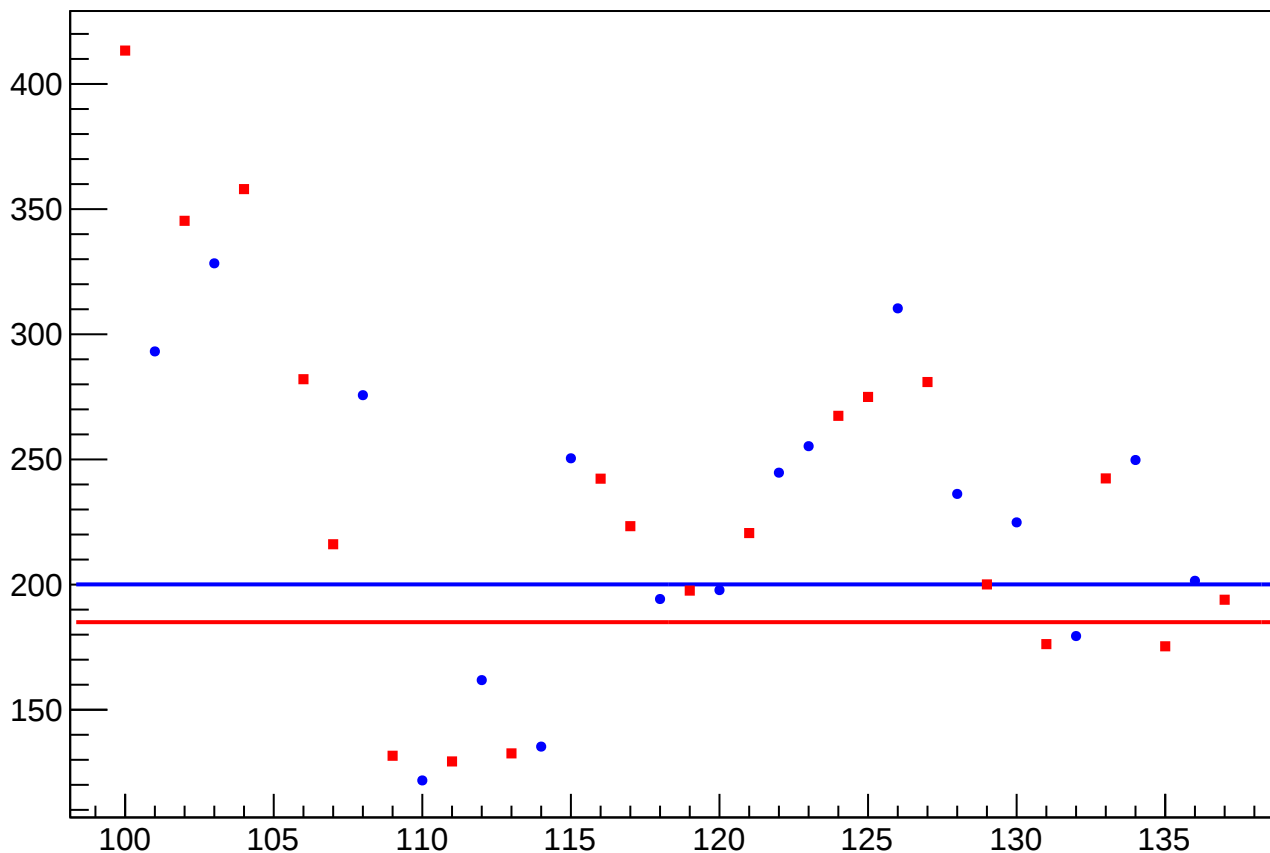
Right Out: 936.709+/-74.030 χ^2/NDF : 610.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-244.925+/-81.395 χ^2/NDF : 391.4/16

936.709+/-74.030 χ^2/NDF : 610.9/19

asym_bpm0l09WS_rms vs Slug



Right In: 200.078+/-0.058 χ^2/NDF : 918309.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

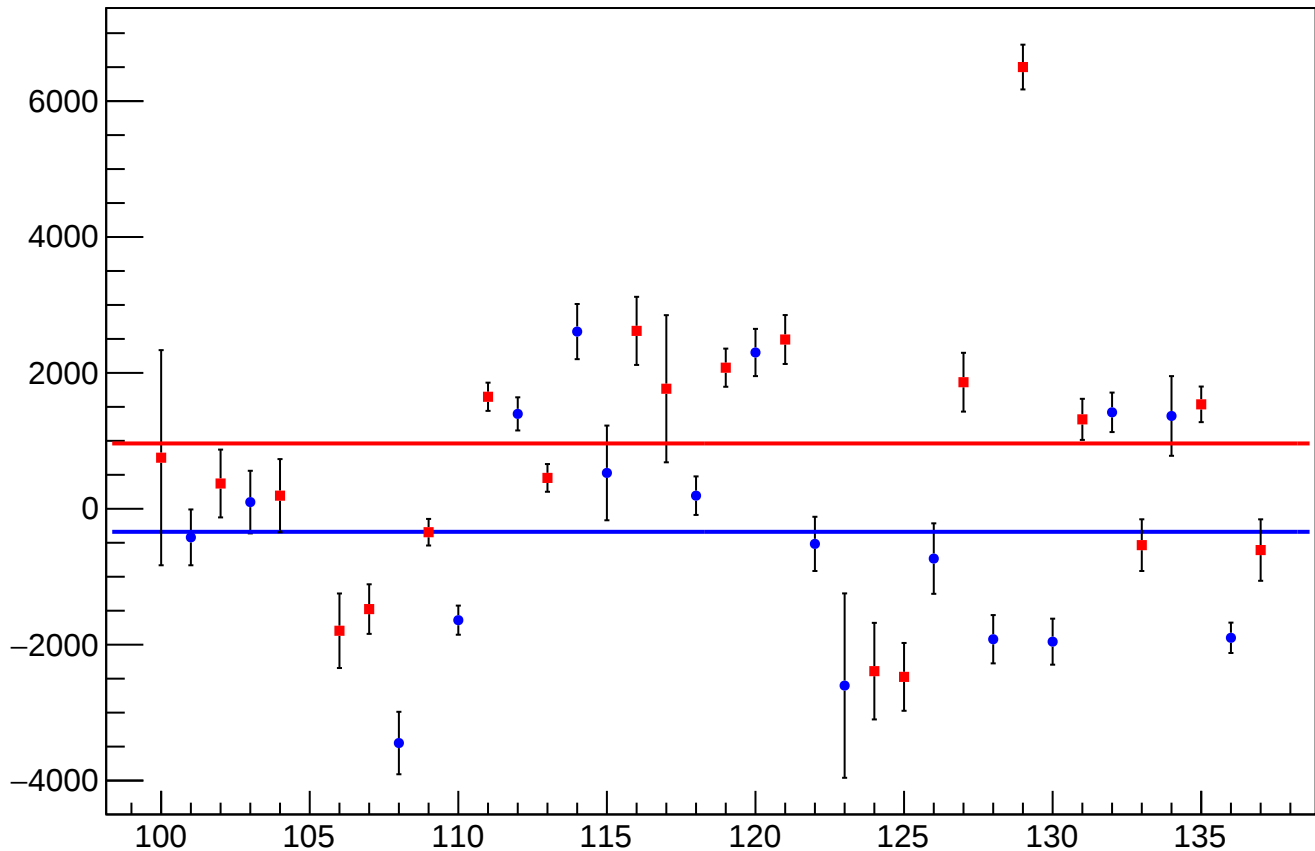
Right Out: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.078+/-0.058 χ^2/NDF : 918309.2/16

184.990+/-0.052 χ^2/NDF : 1320825.4/19

asym_bpm0l10WS_mean vs Slug



Right In: -338.966+/-83.123 χ^2/NDF : 389.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

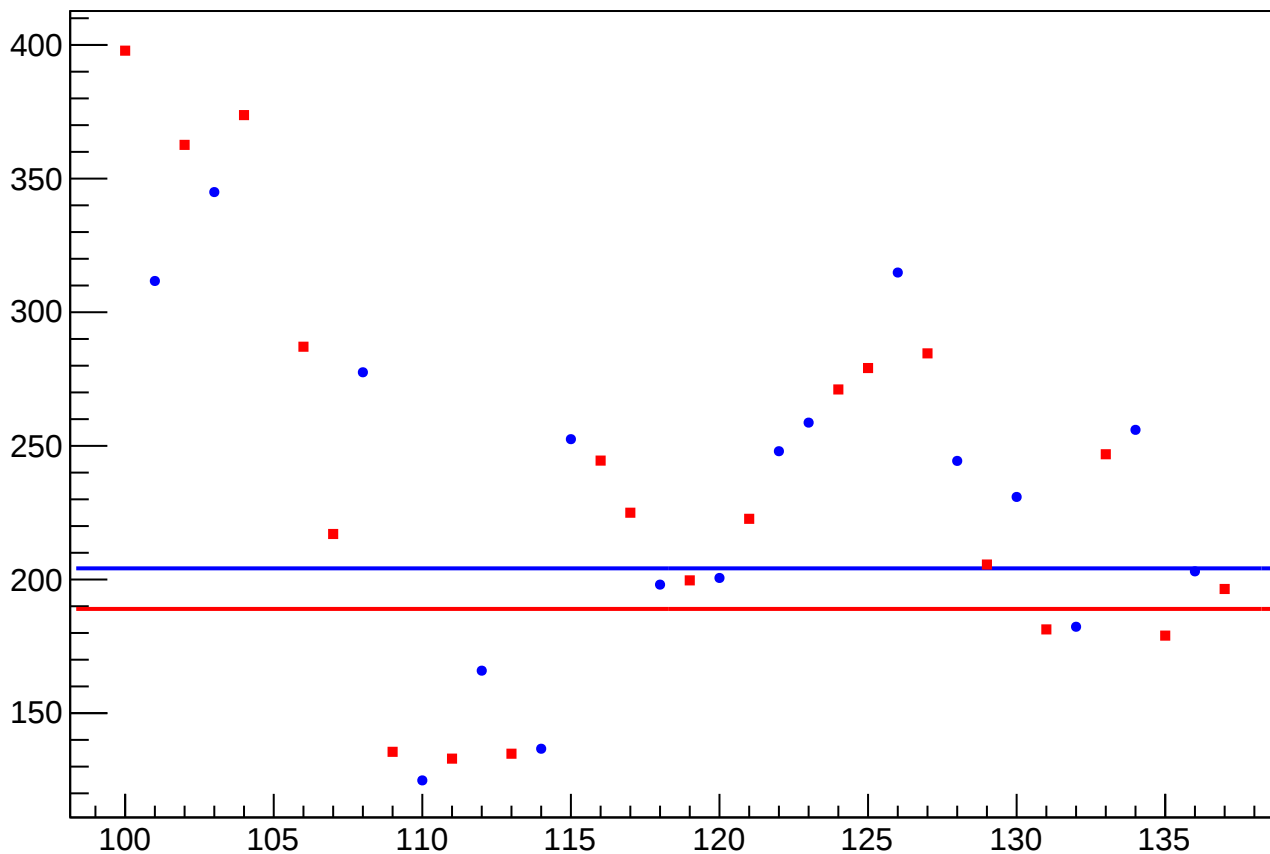
Right Out: 961.556+/-75.564 χ^2/NDF : 570.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-338.966+/-83.123 χ^2/NDF : 389.5/16

961.556+/-75.564 χ^2/NDF : 570.9/19

asym_bpm0l10WS_rms vs Slug



Right In: 204.175+/-0.059 χ^2/NDF : 947438.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

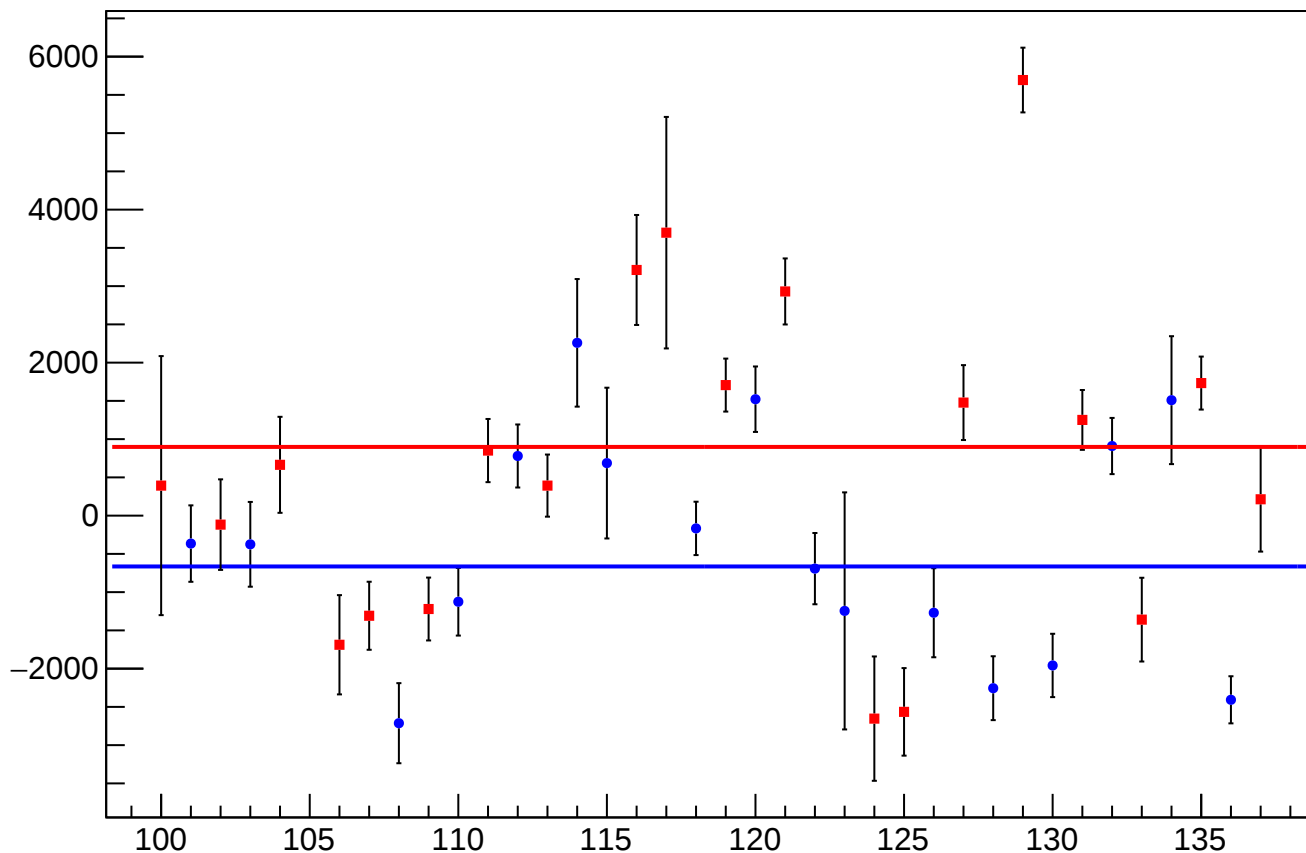
Right Out: 188.997+/-0.053 χ^2/NDF : 1317112.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

204.175+/-0.059 χ^2/NDF : 947438.5/16

188.997+/-0.053 χ^2/NDF : 1317112.1/19

asym_bpm0r03WS_mean vs Slug



Right In: -664.383+/-113.949 χ^2 /NDF: 154.3/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

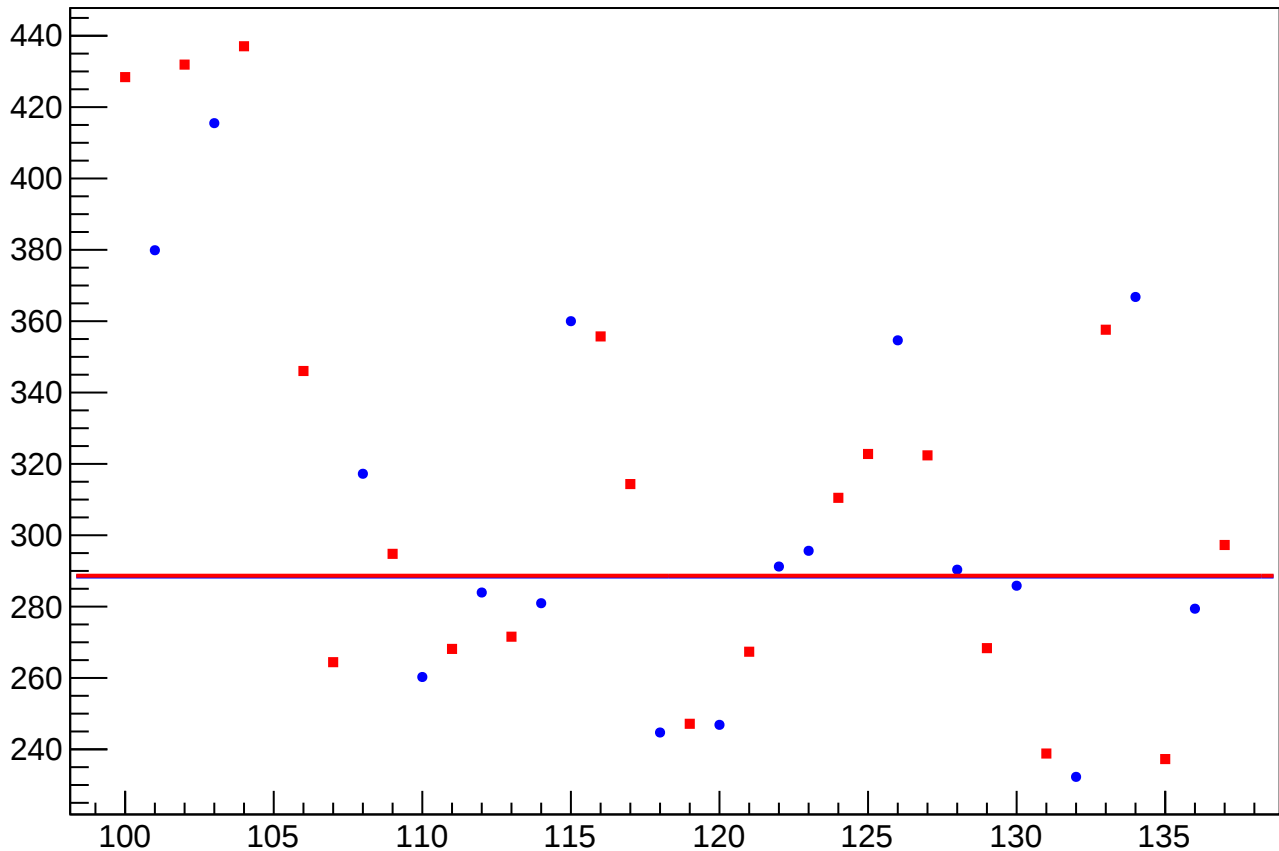
Right Out: 898.290+/-110.578 χ^2 /NDF: 323.5/19

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-664.383+/-113.949 χ^2 /NDF: 154.3/16

898.290+/-110.578 χ^2 /NDF: 323.5/19

asym_bpm0r03WS_rms vs Slug



Right In: 288.428+/-0.081 χ^2/NDF : 339820.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

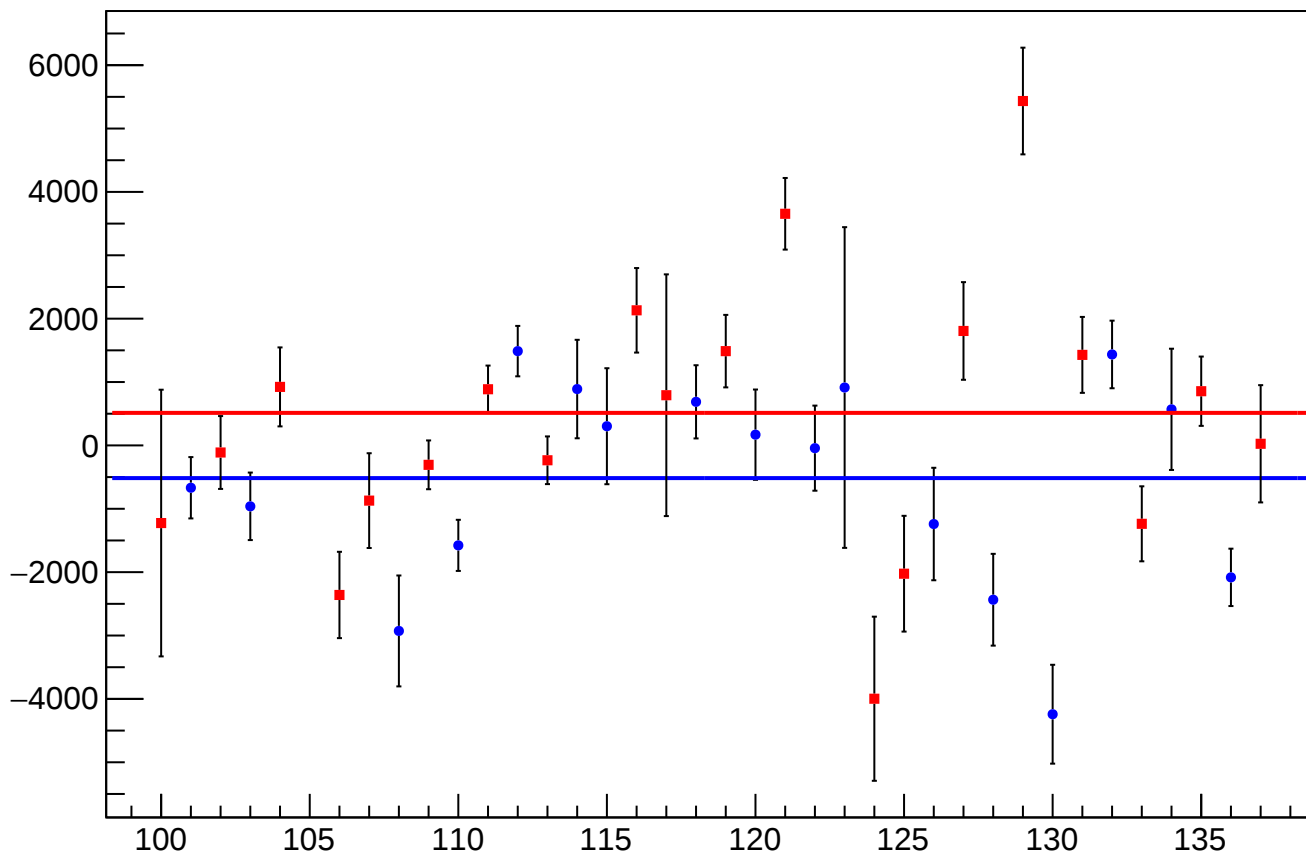
Right Out: 288.660+/-0.078 χ^2/NDF : 455989.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.428+/-0.081 χ^2/NDF : 339820.0/16

288.660+/-0.078 χ^2/NDF : 455989.7/19

asym_bpm0r05WS_mean vs Slug



Right In: -515.894+/-147.326 χ^2 /NDF: 108.0/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

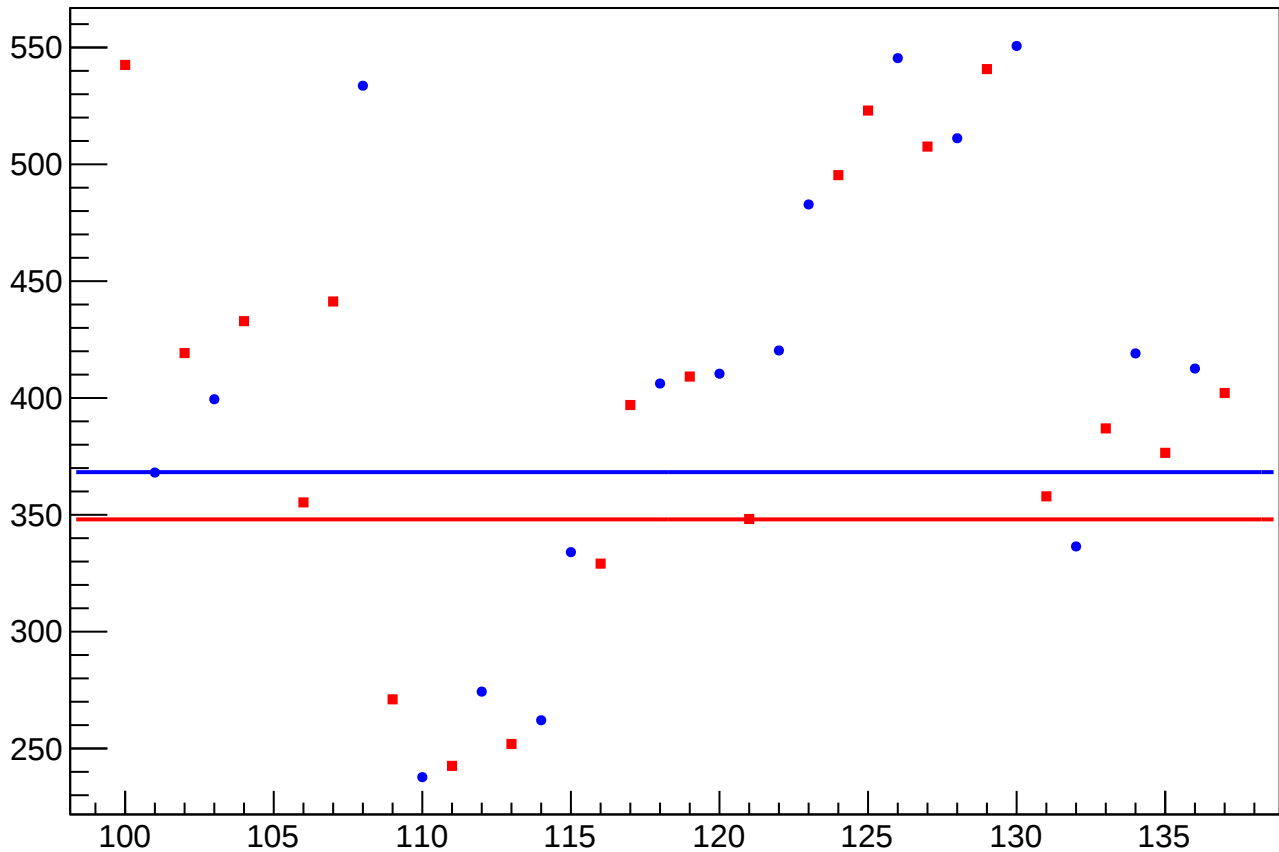
Right Out: 513.264+/-135.456 χ^2 /NDF: 141.3/19

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-515.894+/-147.326 χ^2 /NDF: 108.0/16

513.264+/-135.456 χ^2 /NDF: 141.3/19

asym_bpm0r05WS_rms vs Slug



Right In: 368.264+/-0.104 χ^2/NDF : 770116.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

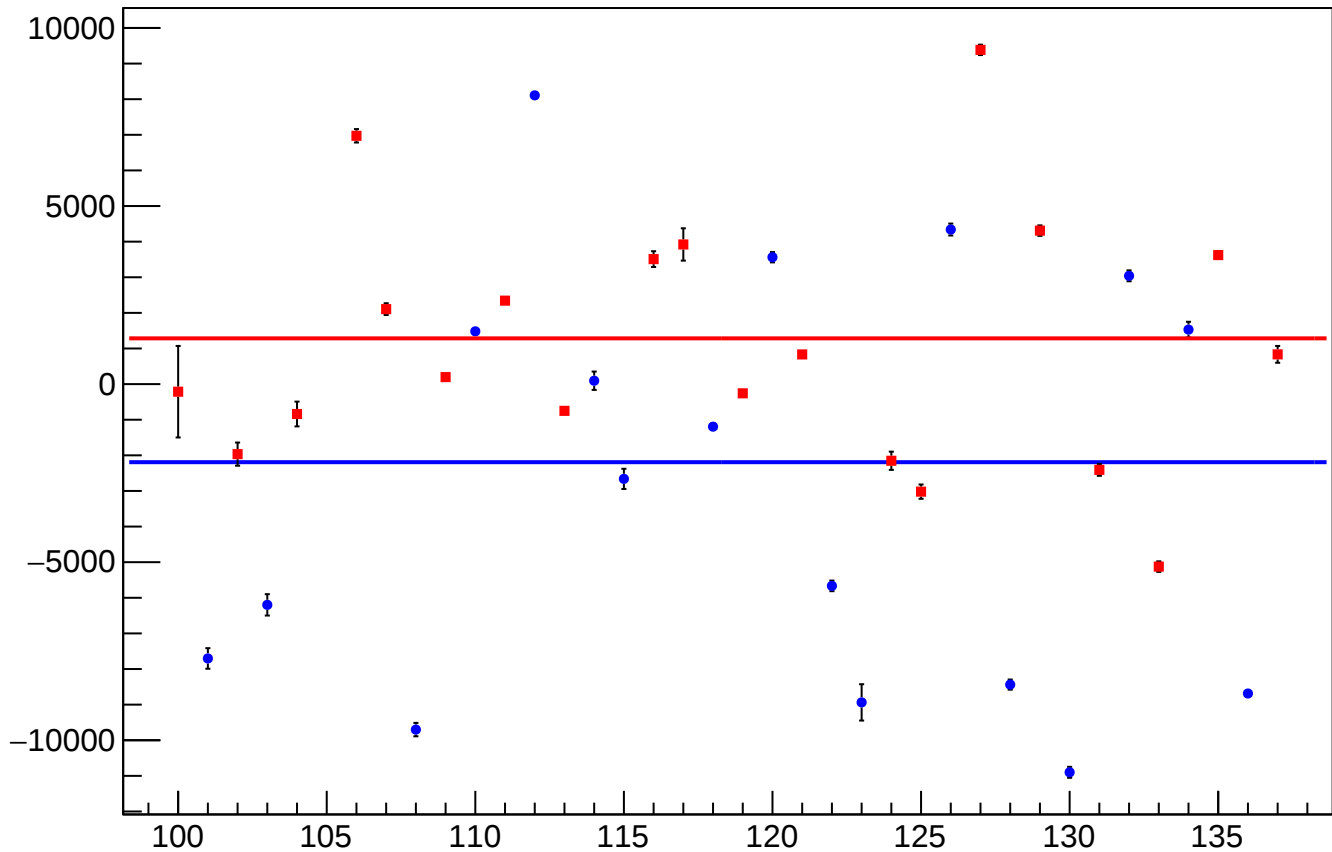
Right Out: 348.050+/-0.096 χ^2/NDF : 823186.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

368.264+/-0.104 χ^2/NDF : 770116.6/16

348.050+/-0.096 χ^2/NDF : 823186.4/19

asym_bpm1i04WS_mean vs Slug



Right In: -2192.327 ± 39.944 χ^2/NDF : 22813.5/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

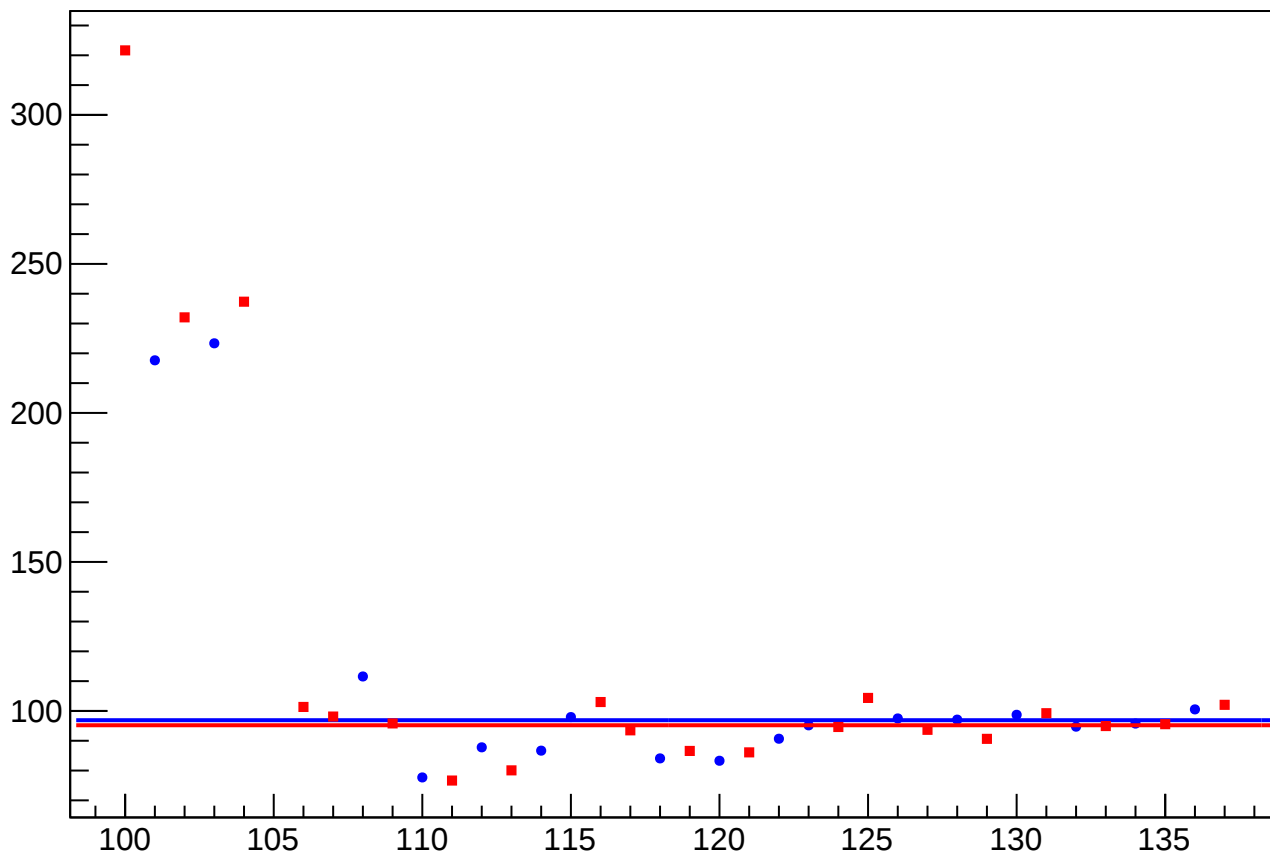
Right Out: 1284.692 ± 37.915 χ^2/NDF : 8584.4/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2192.327 ± 39.944 χ^2/NDF : 22813.5/16

1284.692 ± 37.915 χ^2/NDF : 8584.4/19

asym_bpm1i04WS_rms vs Slug



Right In: 96.894+/-0.028 χ^2/NDF : 817229.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

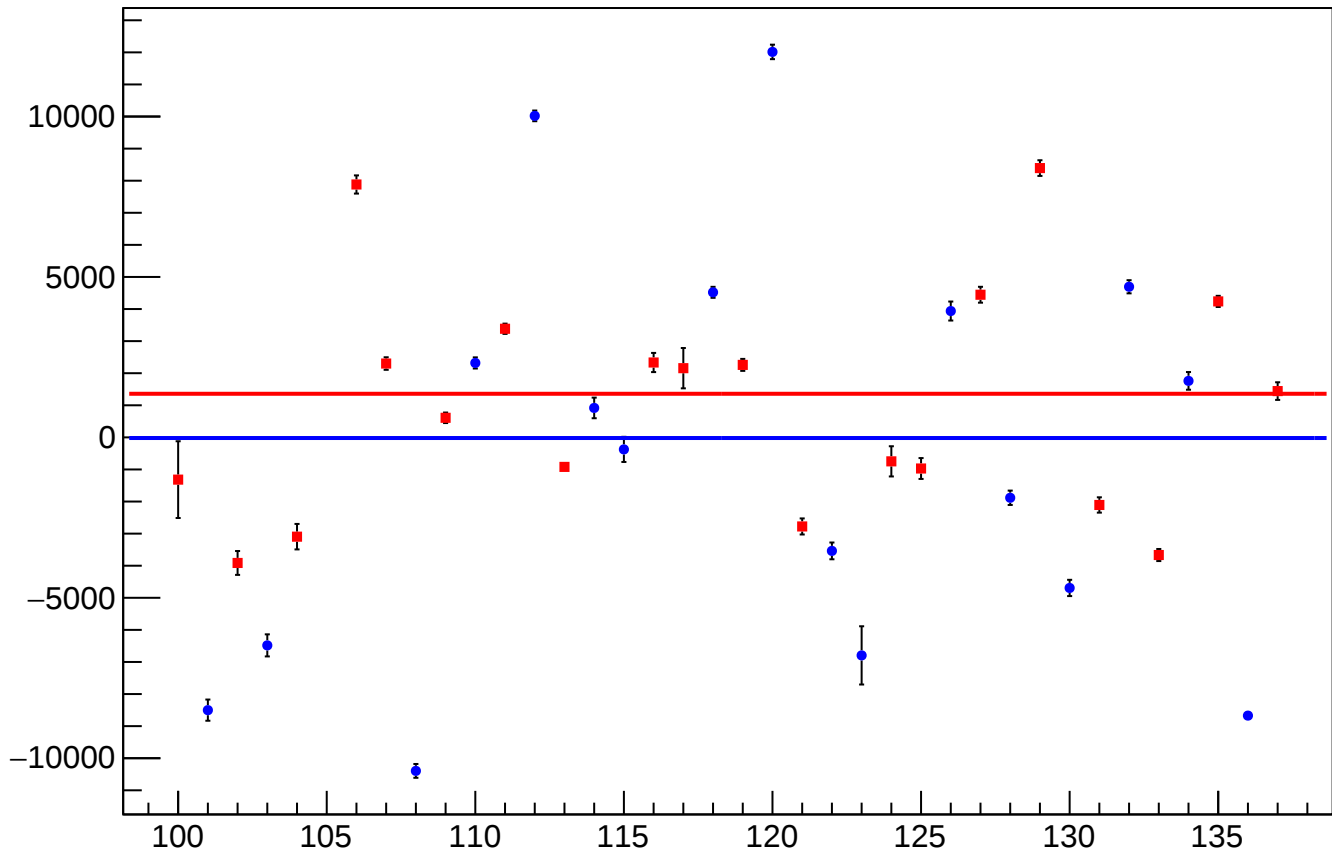
Right Out: 95.201+/-0.027 χ^2/NDF : 859838.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.894+/-0.028 χ^2/NDF : 817229.9/16

95.201+/-0.027 χ^2/NDF : 859838.2/19

asym_bpm1i06WS_mean vs Slug



Right In: -19.990 ± 54.643 χ^2/NDF : 16361.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

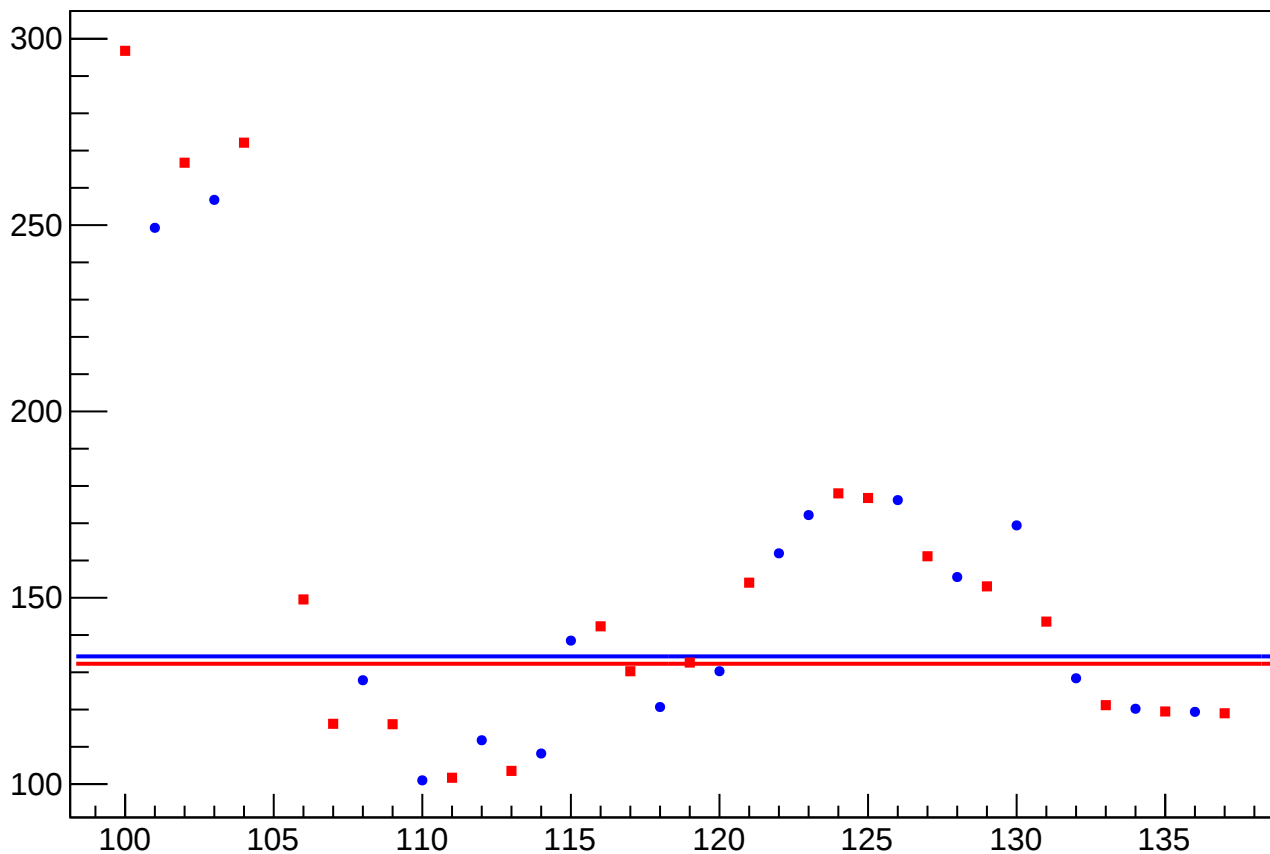
Right Out: 1359.001 ± 52.186 χ^2/NDF : 3838.8/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-19.990 ± 54.643 χ^2/NDF : 16361.0/16

1359.001 ± 52.186 χ^2/NDF : 3838.8/19

asym_bpm1i06WS_rms vs Slug



Right In: 134.268+/-0.039 χ^2/NDF : 788647.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

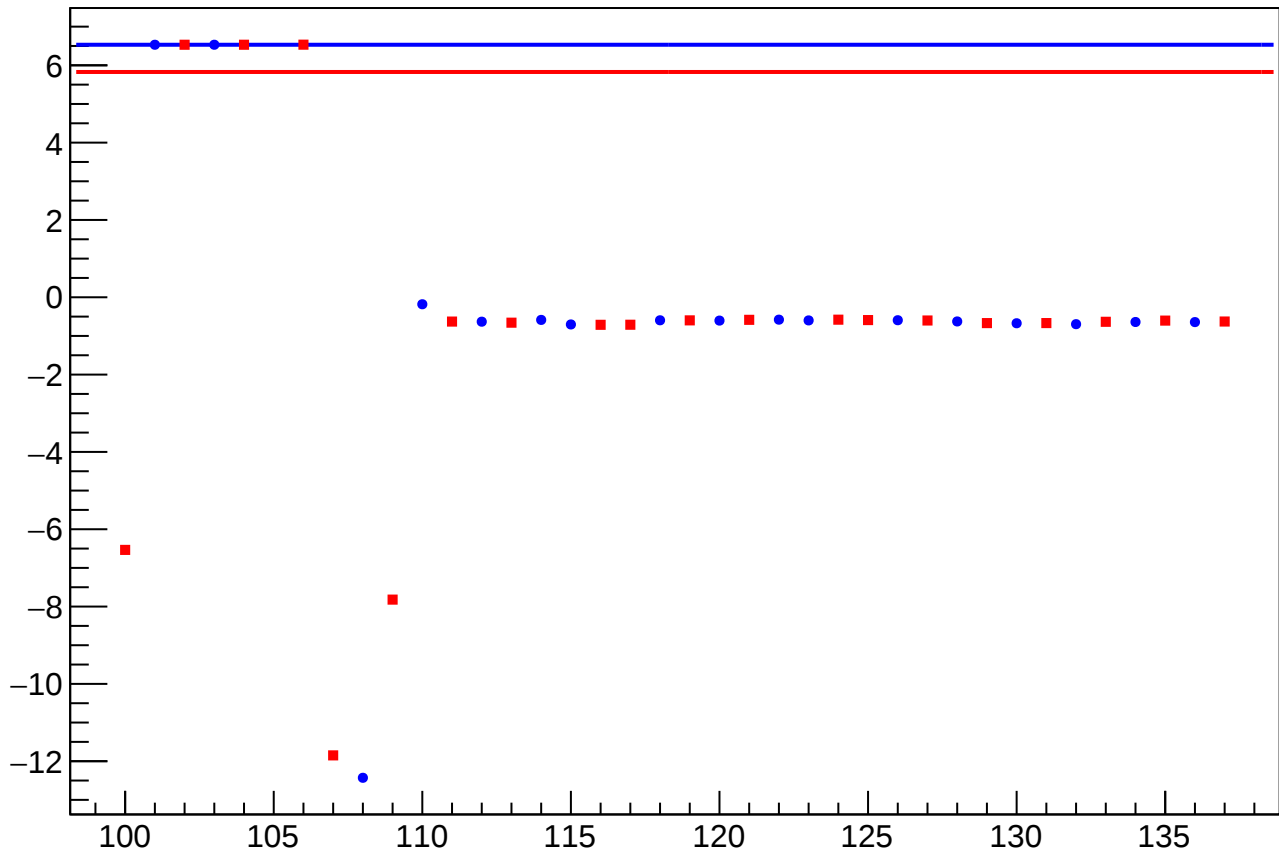
Right Out: 132.288+/-0.037 χ^2/NDF : 869913.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.268+/-0.039 χ^2/NDF : 788647.0/16

132.288+/-0.037 χ^2/NDF : 869913.4/19

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127906780672.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

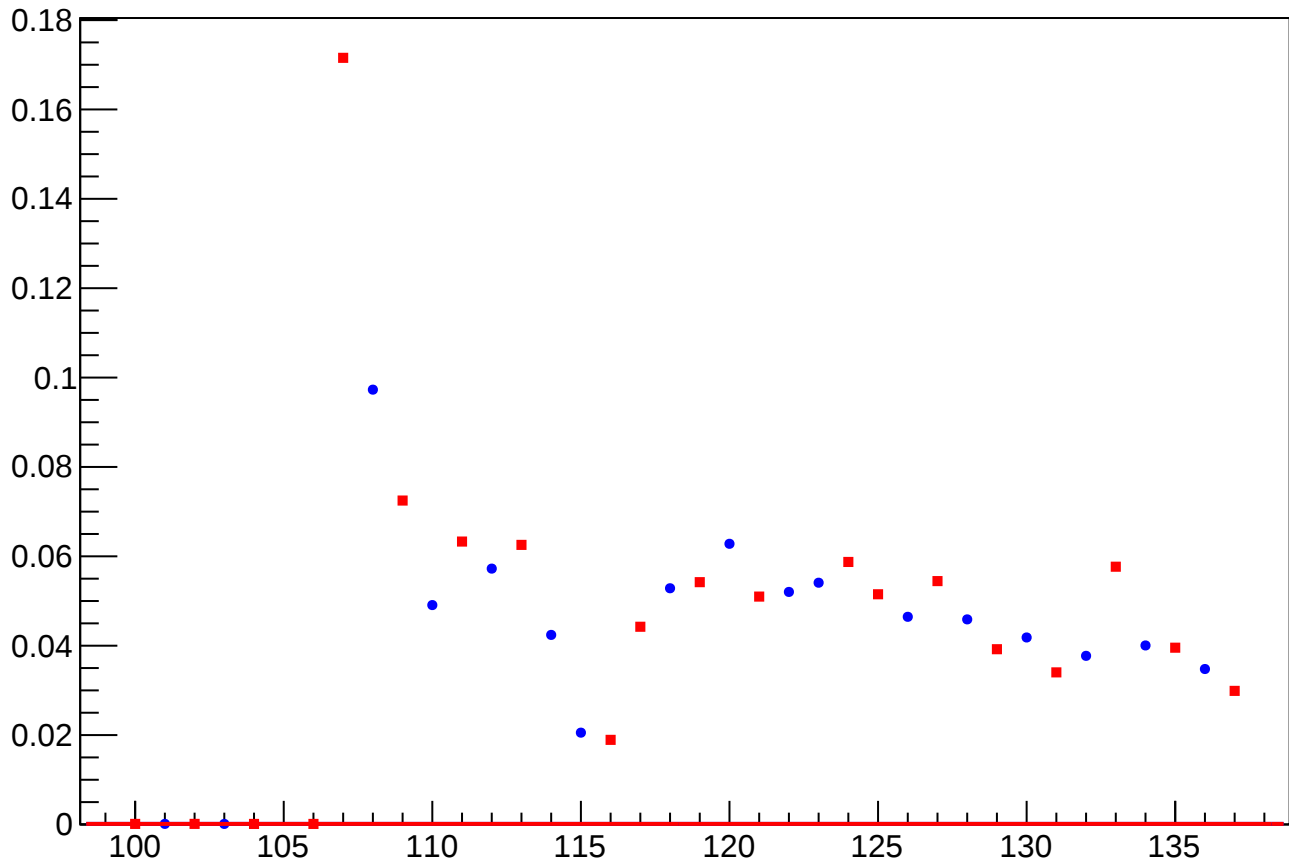
6.532 $\pm$ 0.000 χ^2 /NDF: 127906780672.7/16

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755949520765363.8/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

5.827 $\pm$ 0.000 χ^2 /NDF: 755949520765363.8/19

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9028405.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

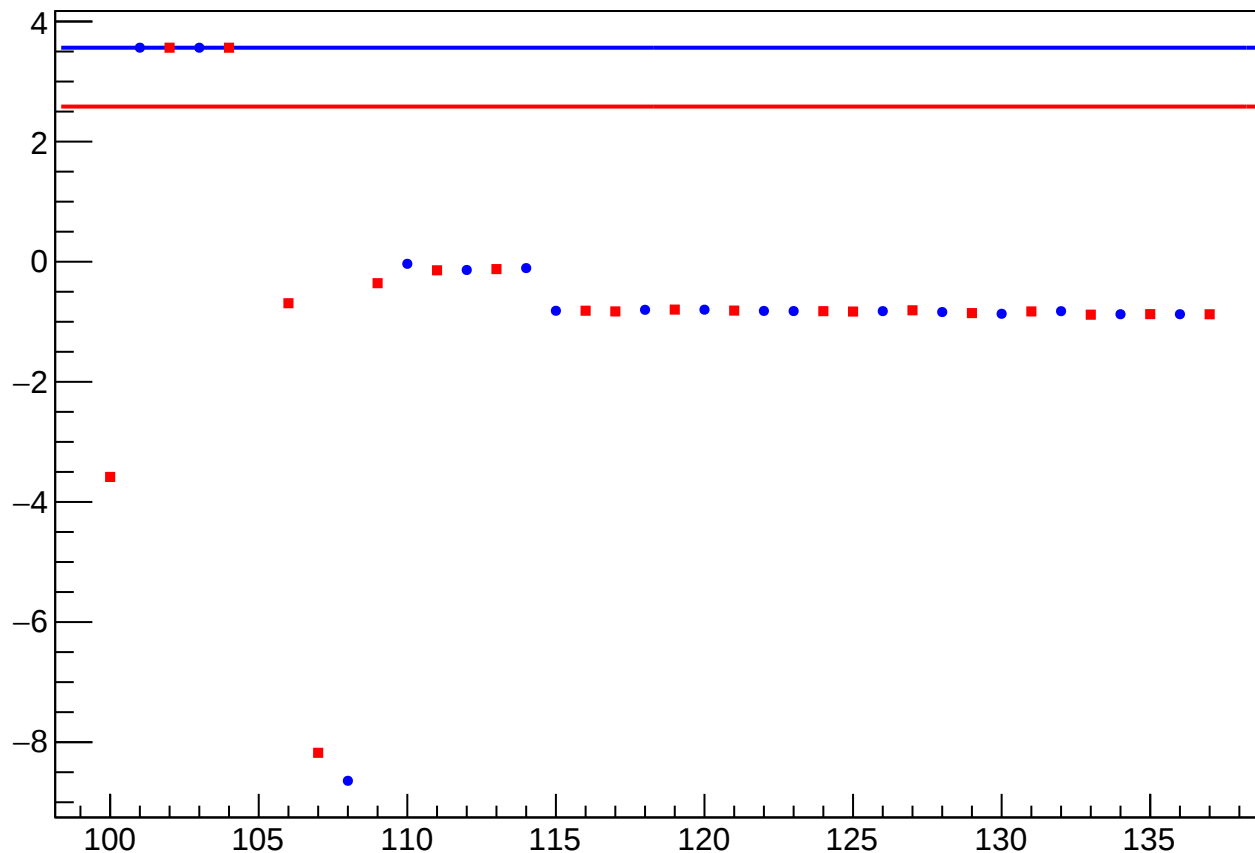
Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

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 : 9453181.1/19

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 486958795673.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

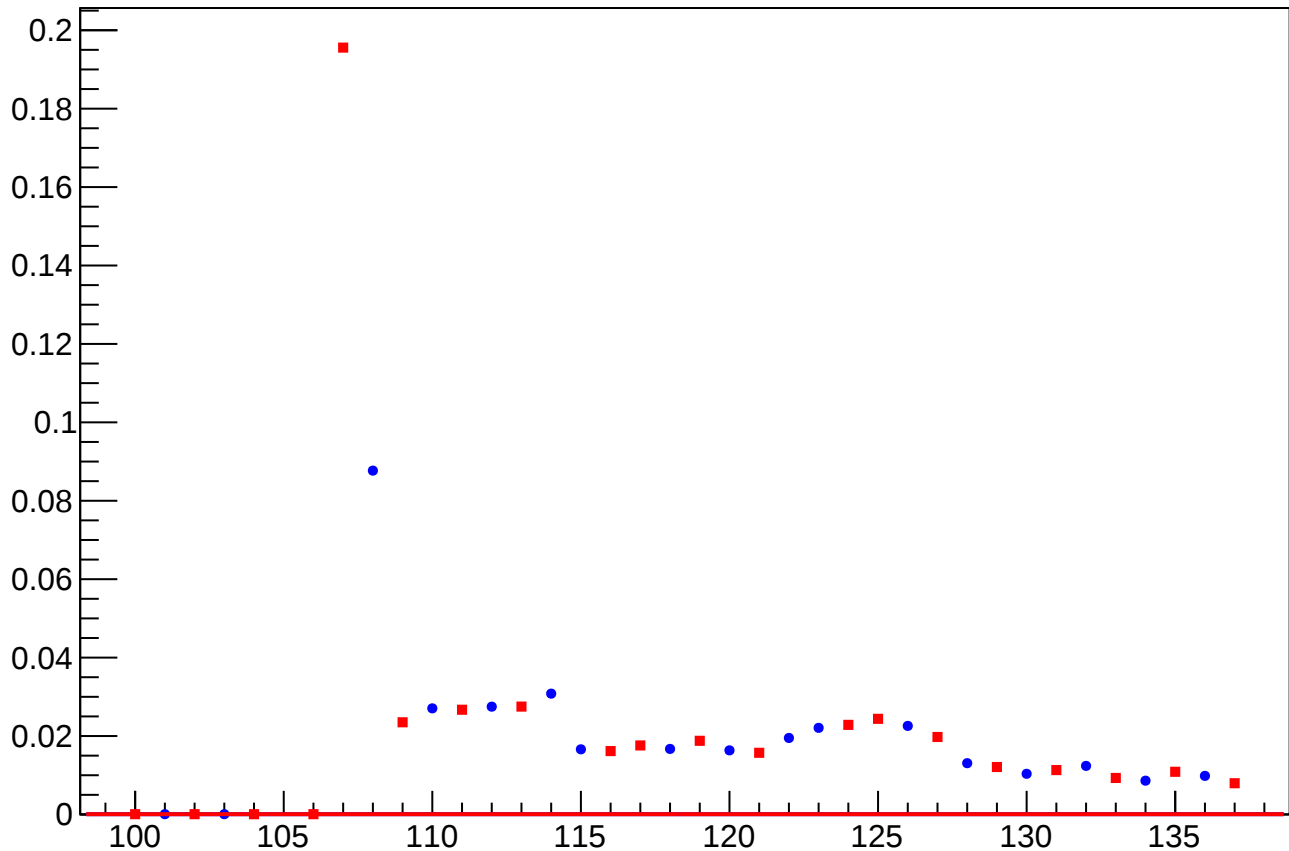
Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 486958795673.0/16

2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9848258.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

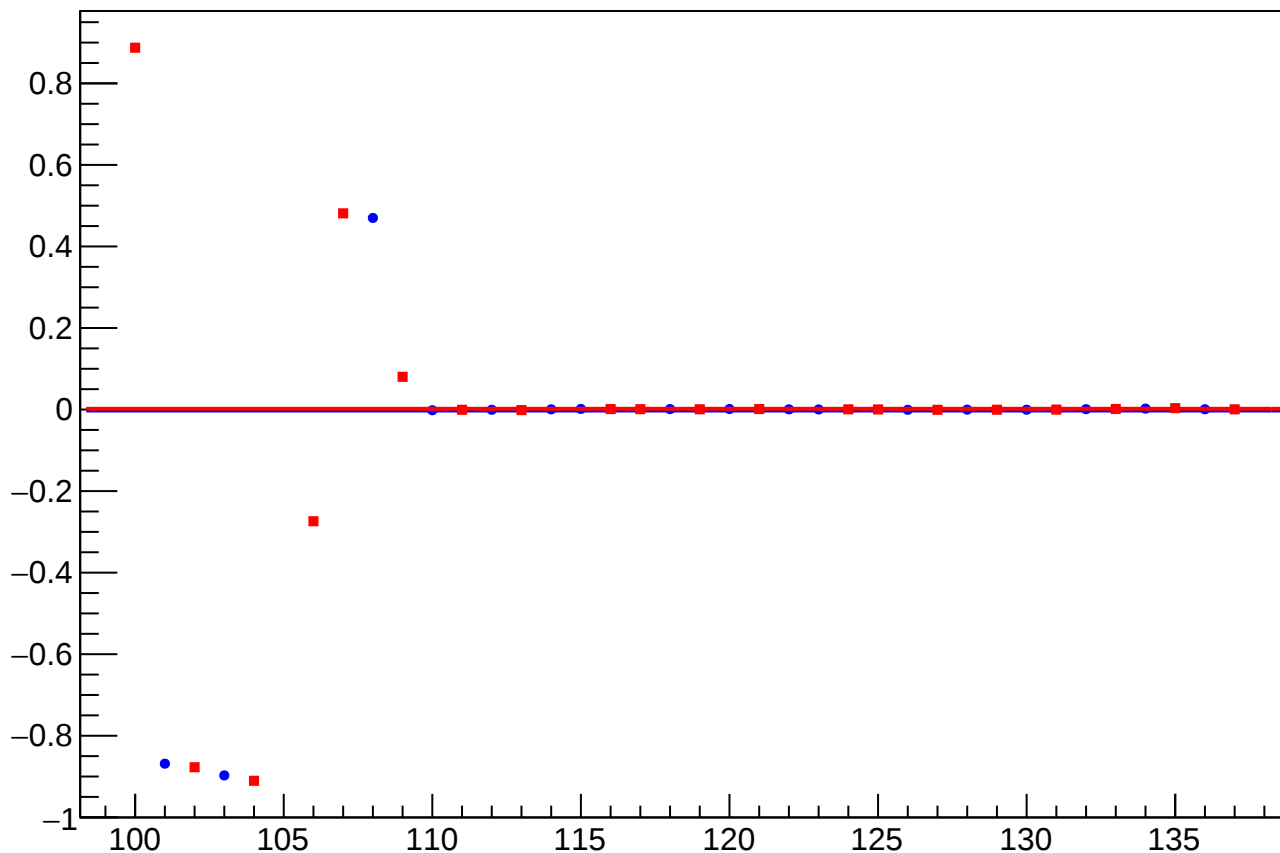
Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

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 : 9955781.5/19

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9795424036.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

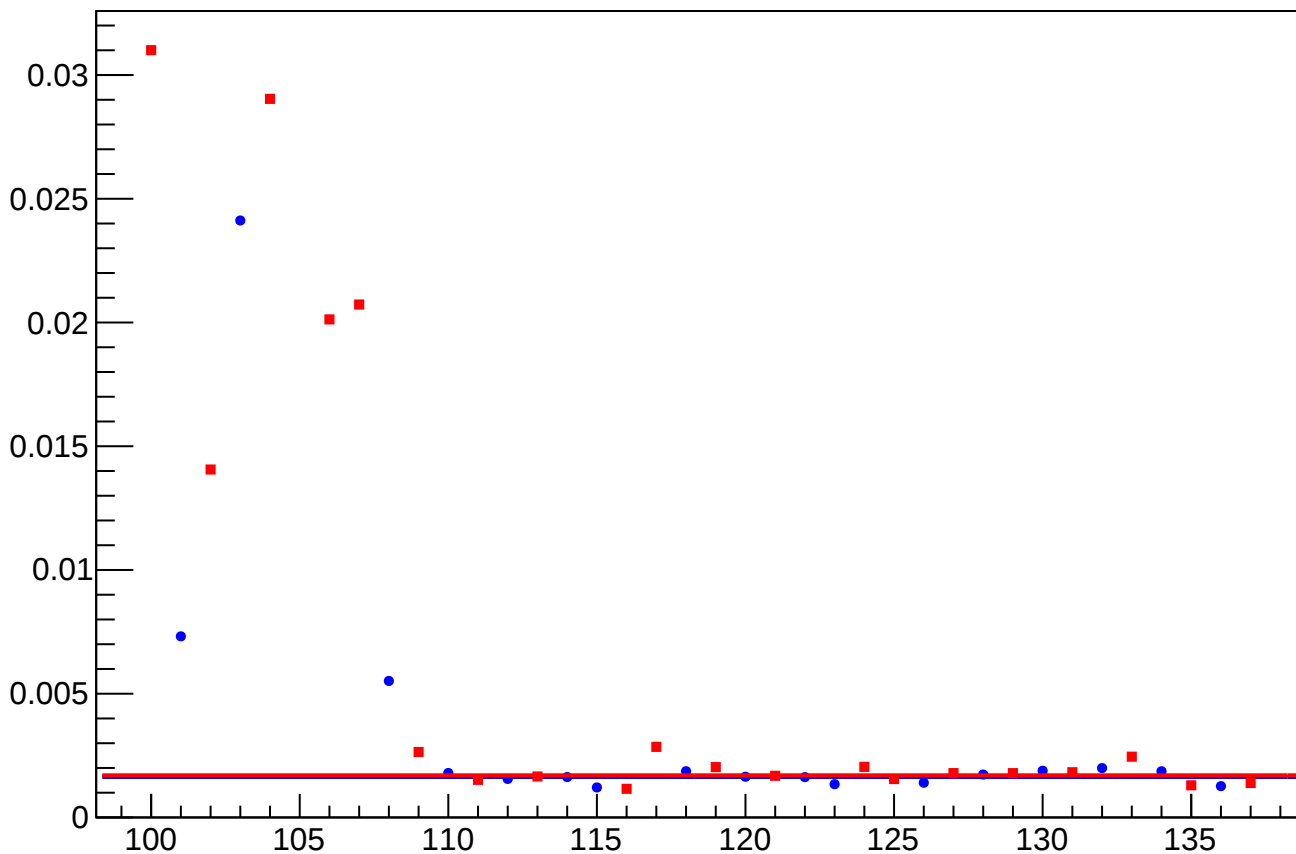
Right Out: 0.002+/-0.000 χ^2/NDF : 3041335141.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.002+/-0.000 χ^2/NDF : 9795424036.3/16

0.002+/-0.000 χ^2/NDF : 3041335141.0/19

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1919127.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

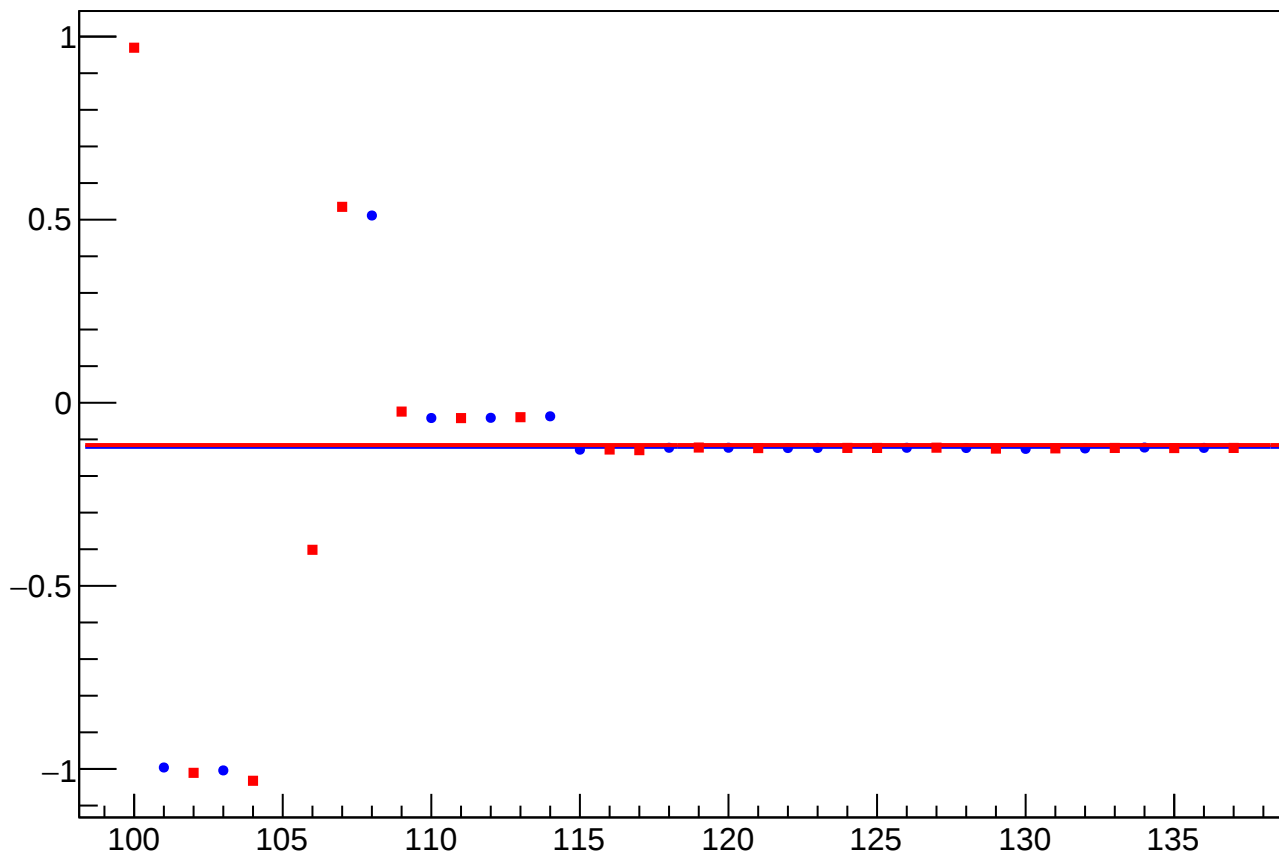
Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

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 : 3038397.4/19

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2/NDF : 3932311162.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

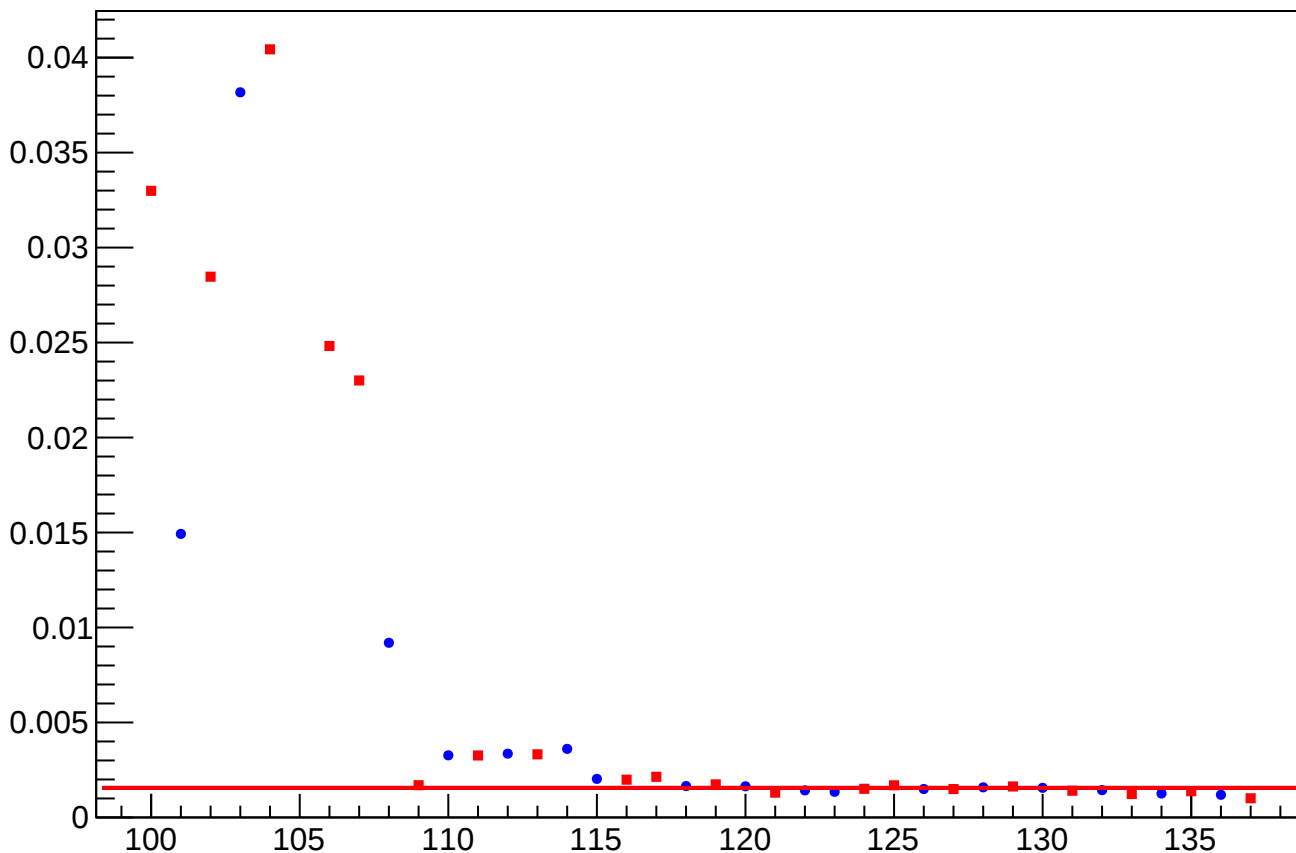
Right Out: -0.115+/-0.000 χ^2/NDF : 2458720596.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.120+/-0.000 χ^2/NDF : 3932311162.8/16

-0.115+/-0.000 χ^2/NDF : 2458720596.9/19

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2903607.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

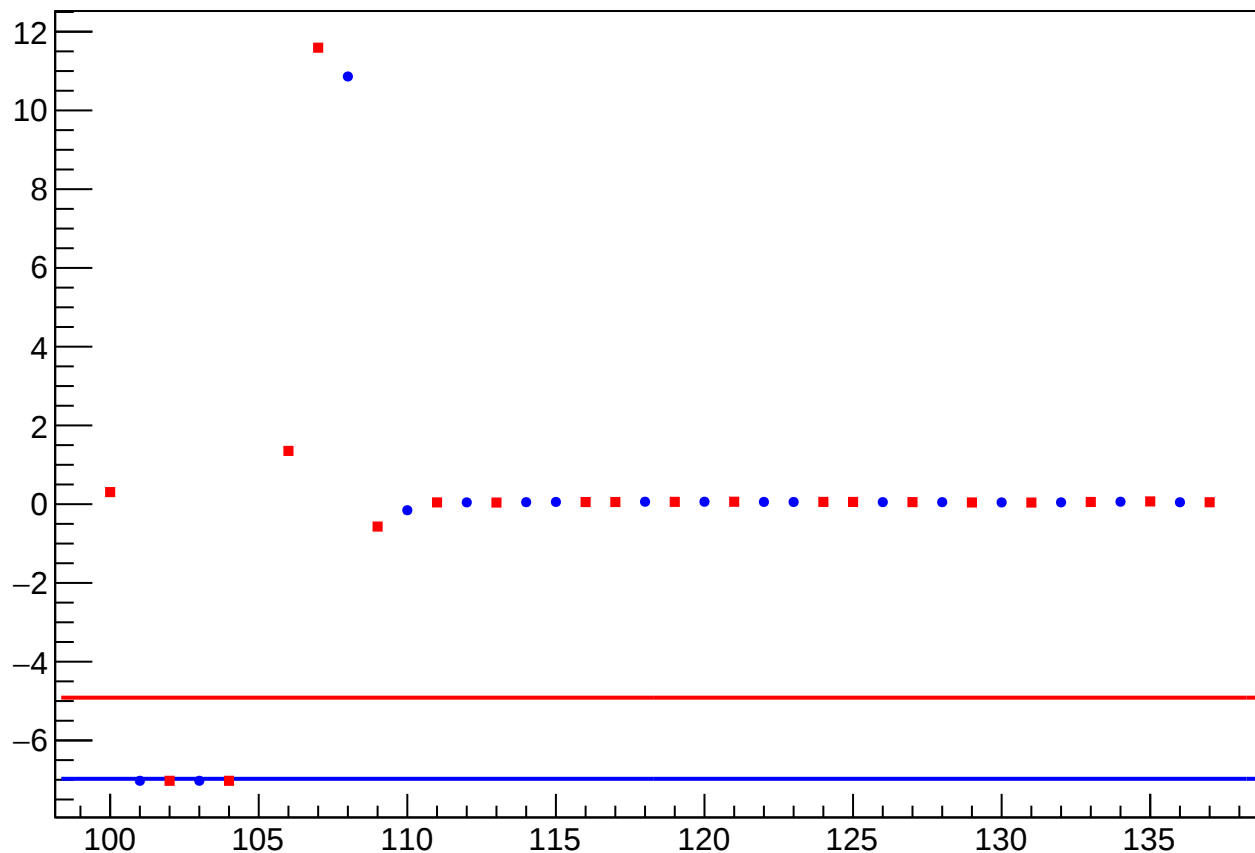
Right Out: 0.002+/-0.000 χ^2/NDF : 3544377.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2903607.4/16

0.002+/-0.000 χ^2/NDF : 3544377.2/19

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

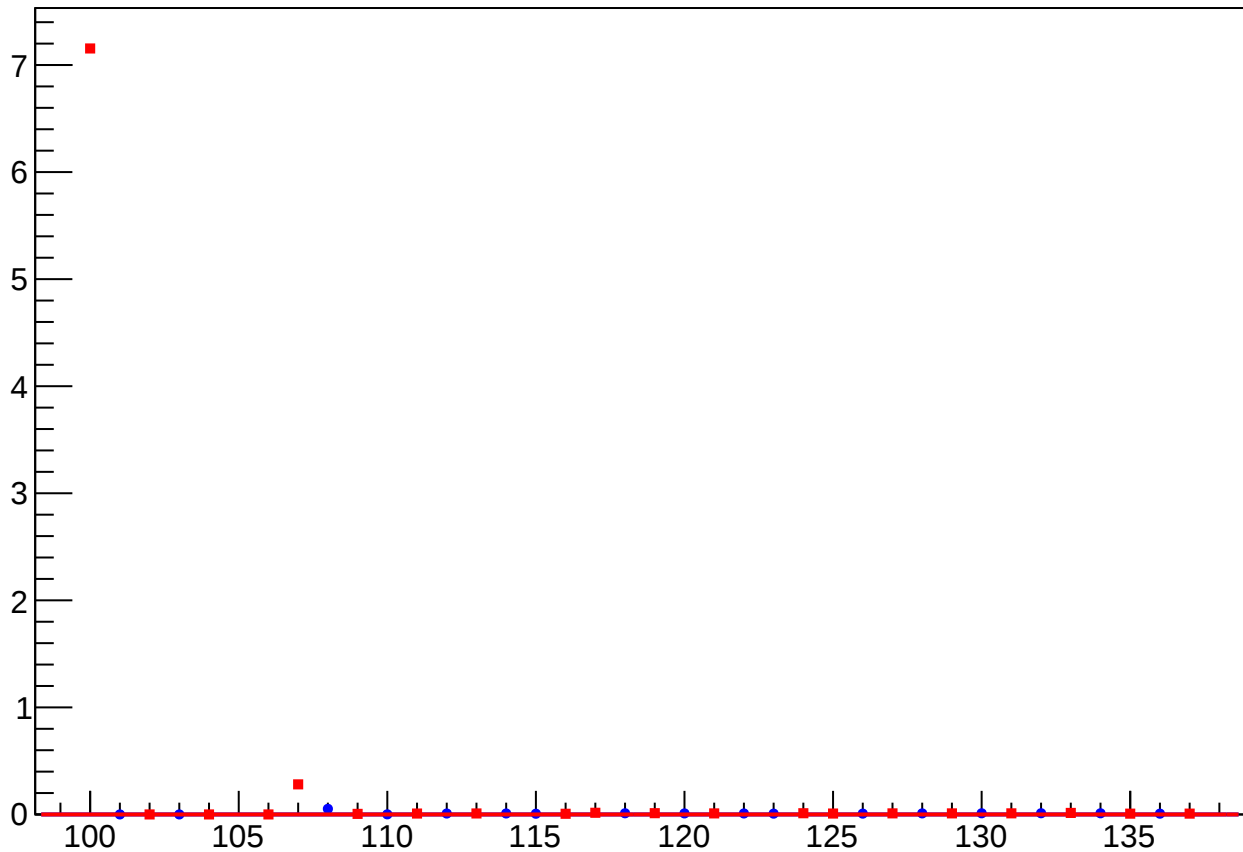
Right Out: -4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

-4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8362763.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

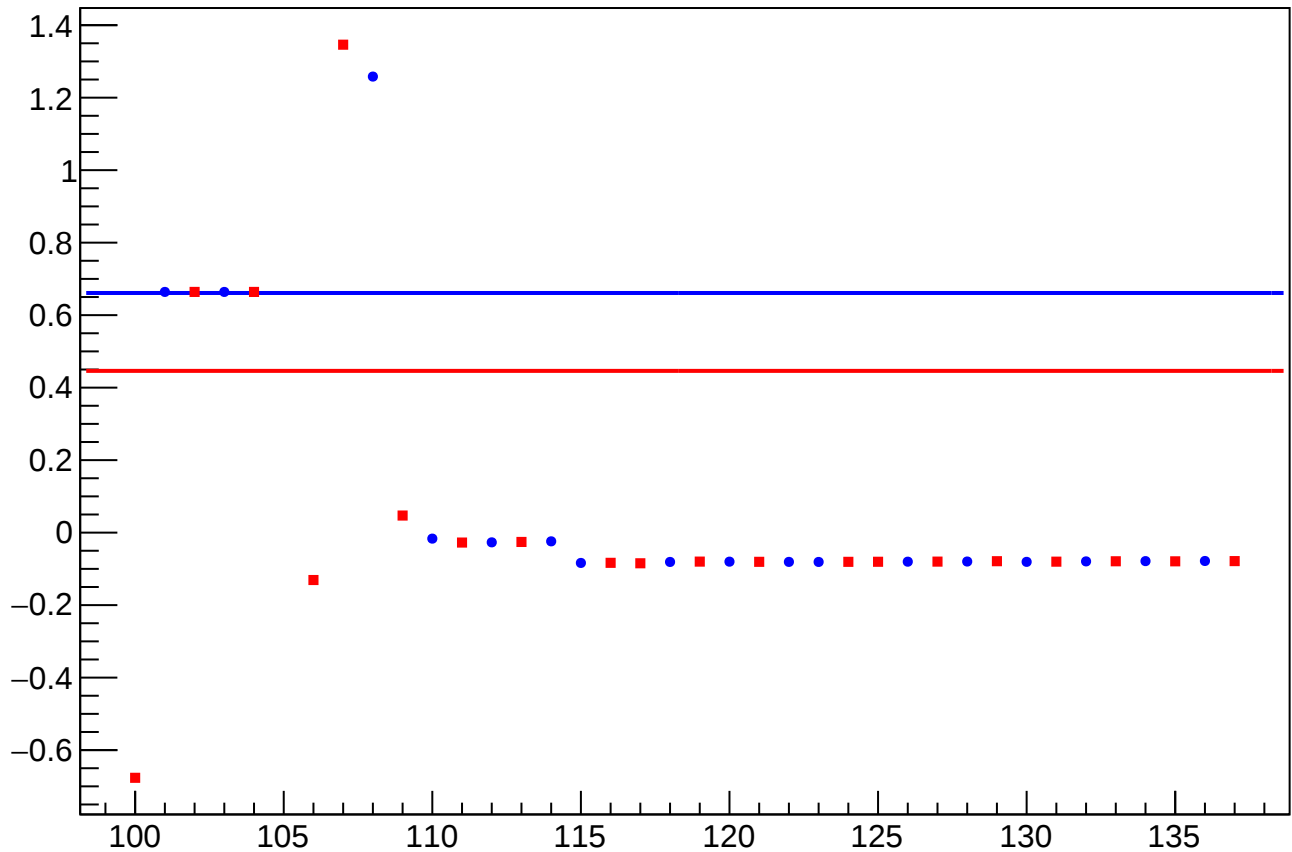
Right Out: 0.000+/-0.000 χ^2/NDF : 8880914.4/19

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 : 8880914.4/19

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

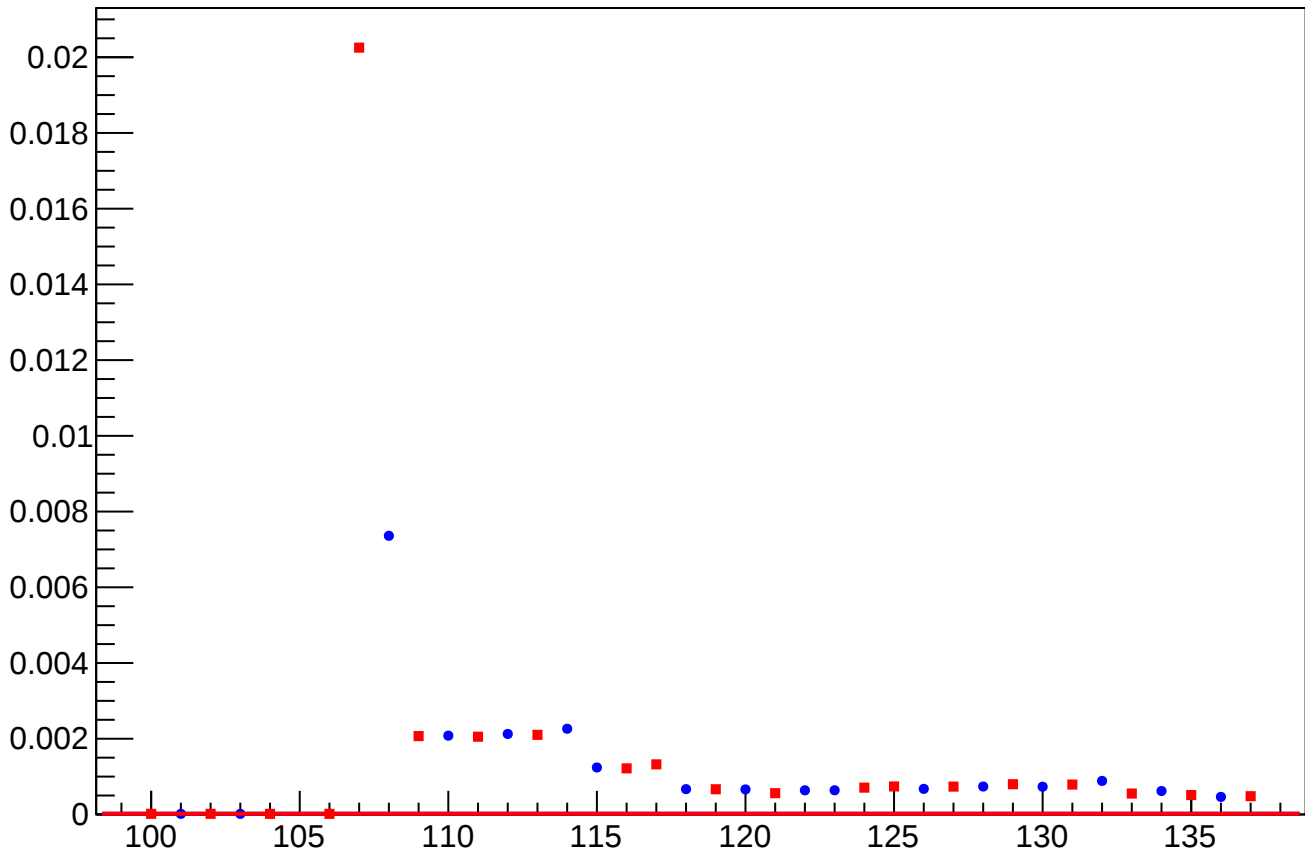
Right Out: 0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9997012.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

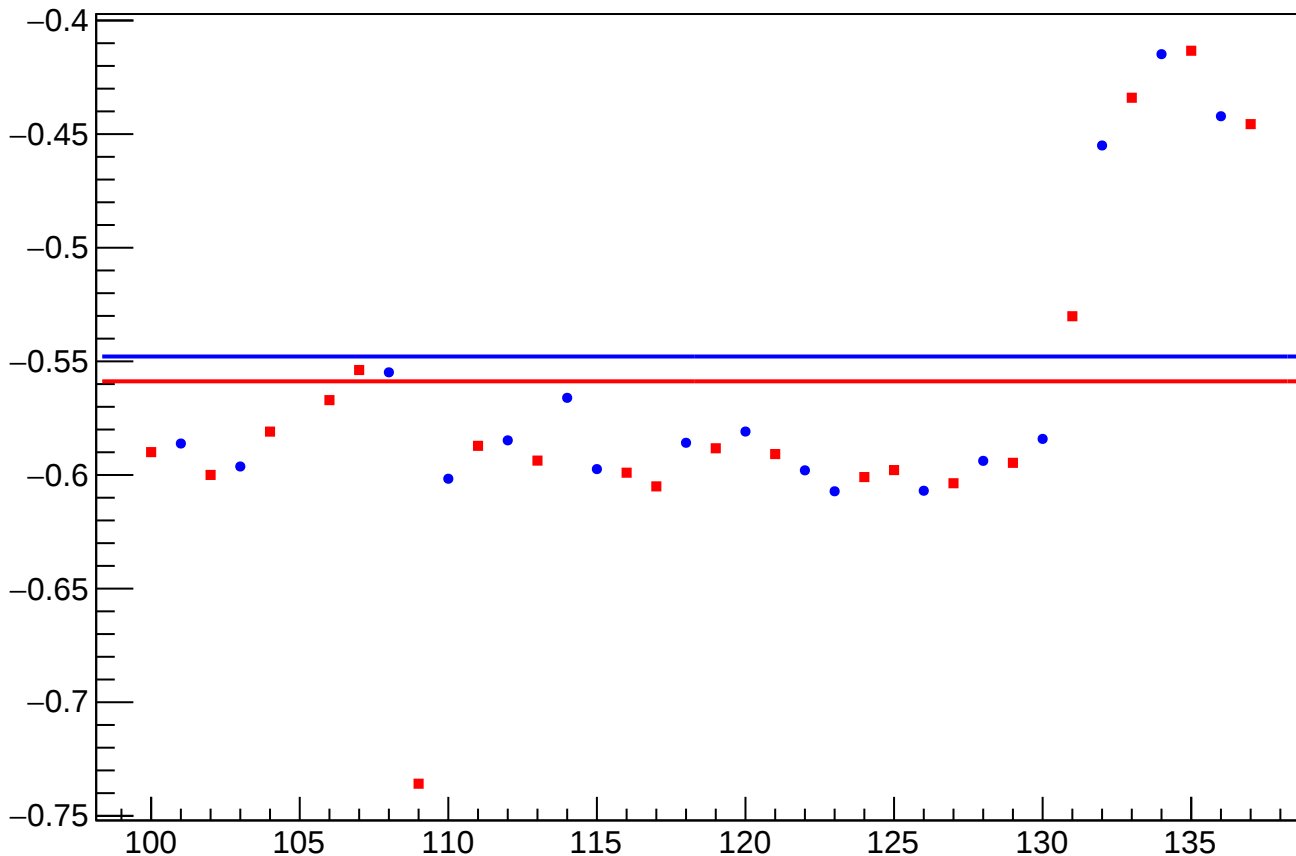
Right Out: 0.000+/-0.000 χ^2/NDF : 9575039.3/19

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 : 9575039.3/19

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48579920.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

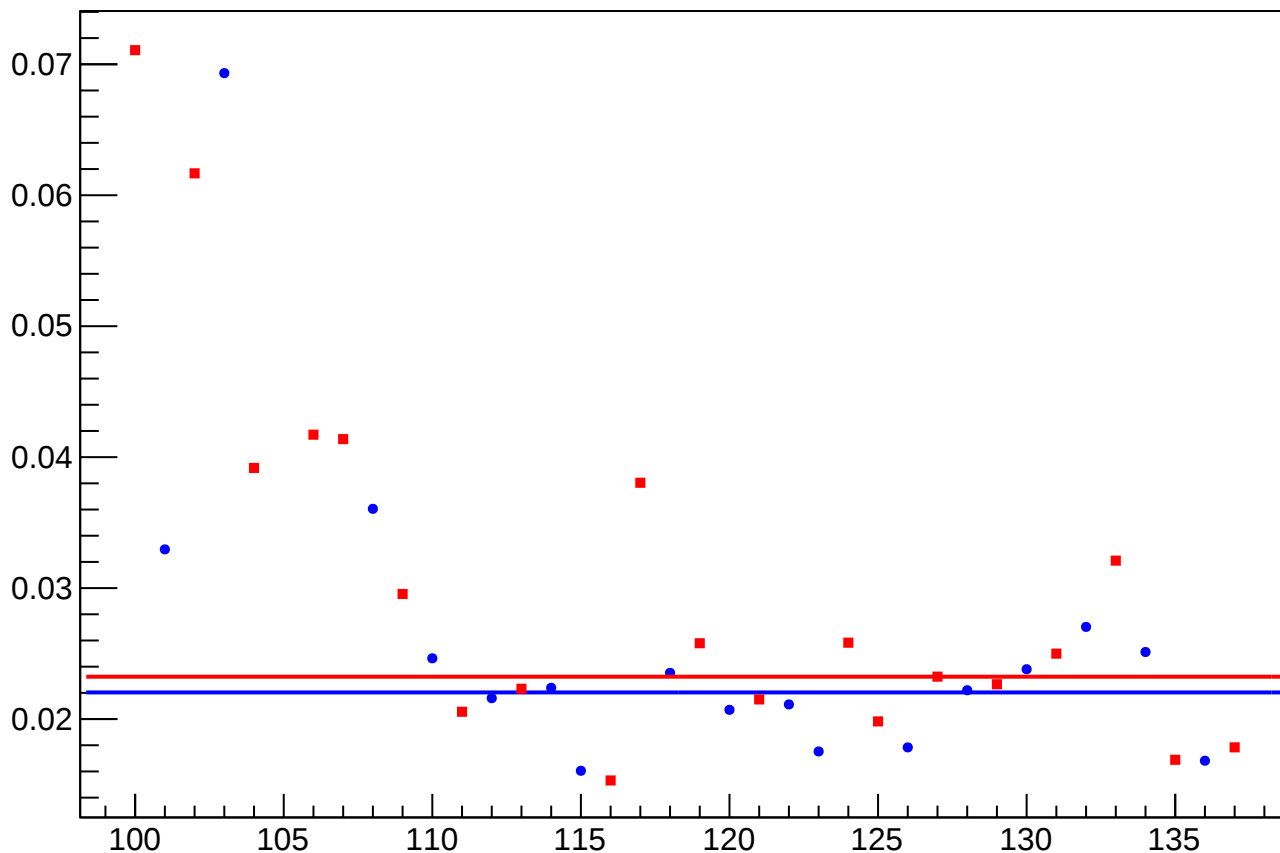
Right Out: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.548+/-0.000 χ^2/NDF : 48579920.8/16

-0.559+/-0.000 χ^2/NDF : 65741796.4/19

yield_bpm4aX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 958966.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

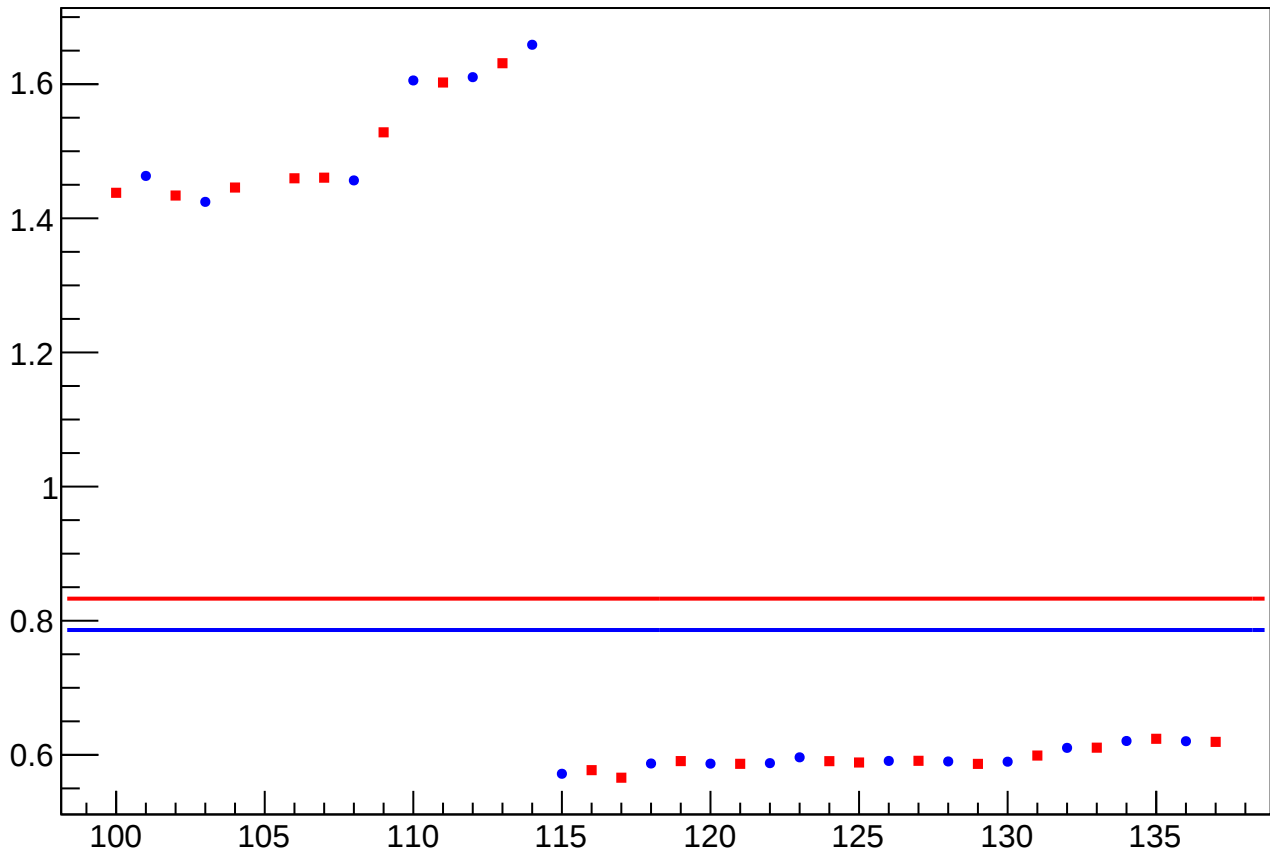
Right Out: 0.023+/-0.000 χ^2/NDF : 1169205.3/19

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 : 1169205.3/19

yield_bpm4aY_mean vs Slug



Right In: 0.786+/-0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

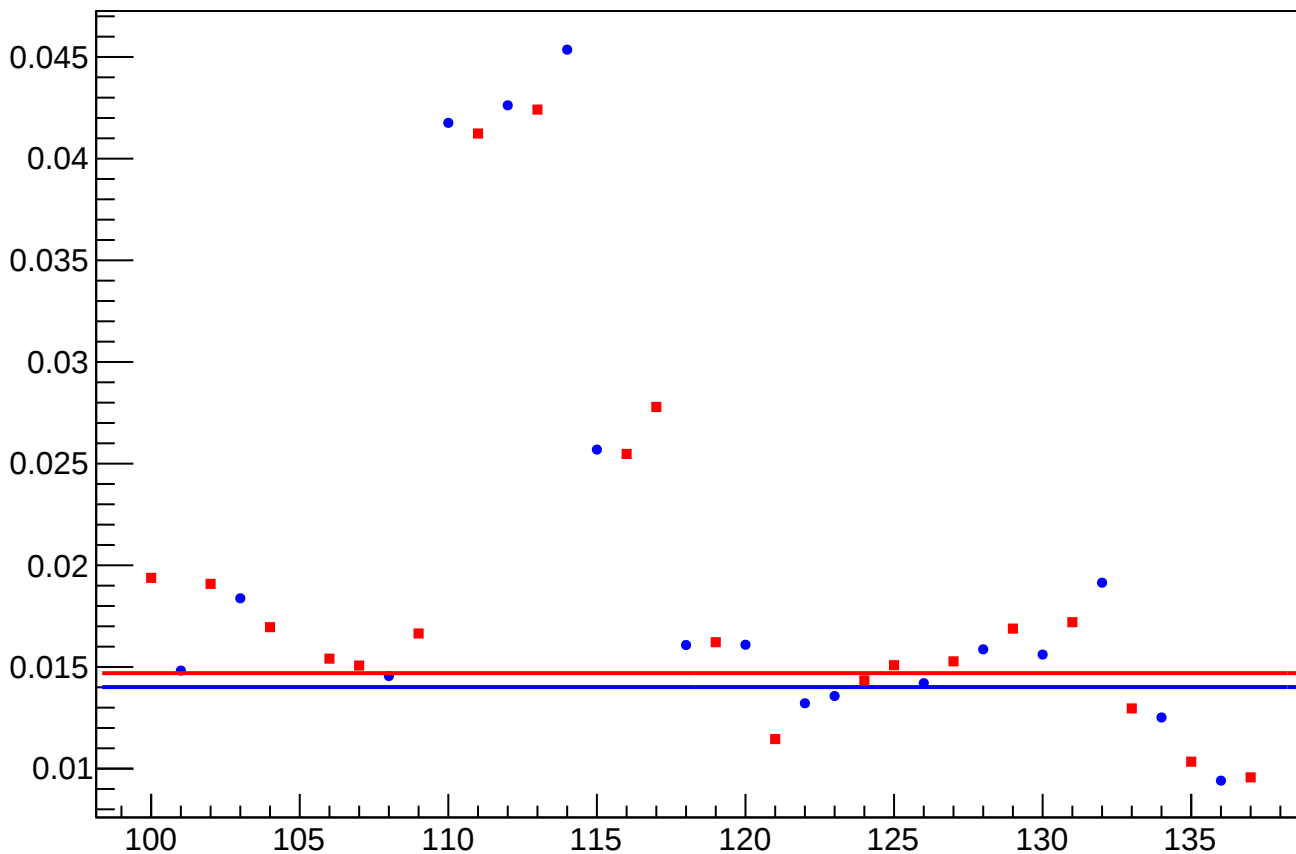
0.786+/-0.000 χ^2/NDF : 3590113316.1/16

Right Out: 0.833+/-0.000 χ^2/NDF : 4160348649.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.833+/-0.000 χ^2/NDF : 4160348649.7/19

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

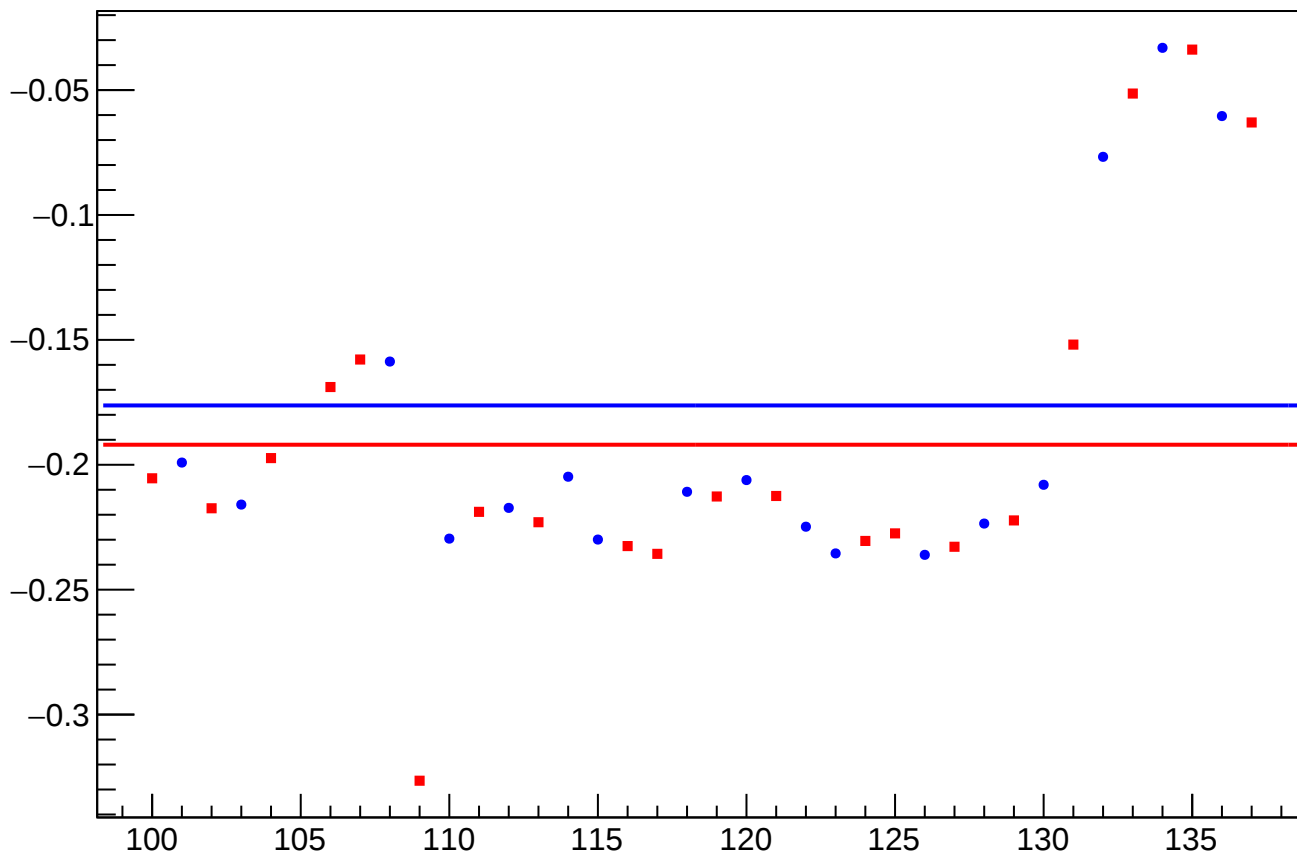
Right Out: 0.015+/-0.000 χ^2/NDF : 1280473.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1404865.3/16

0.015+/-0.000 χ^2/NDF : 1280473.4/19

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70137178.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

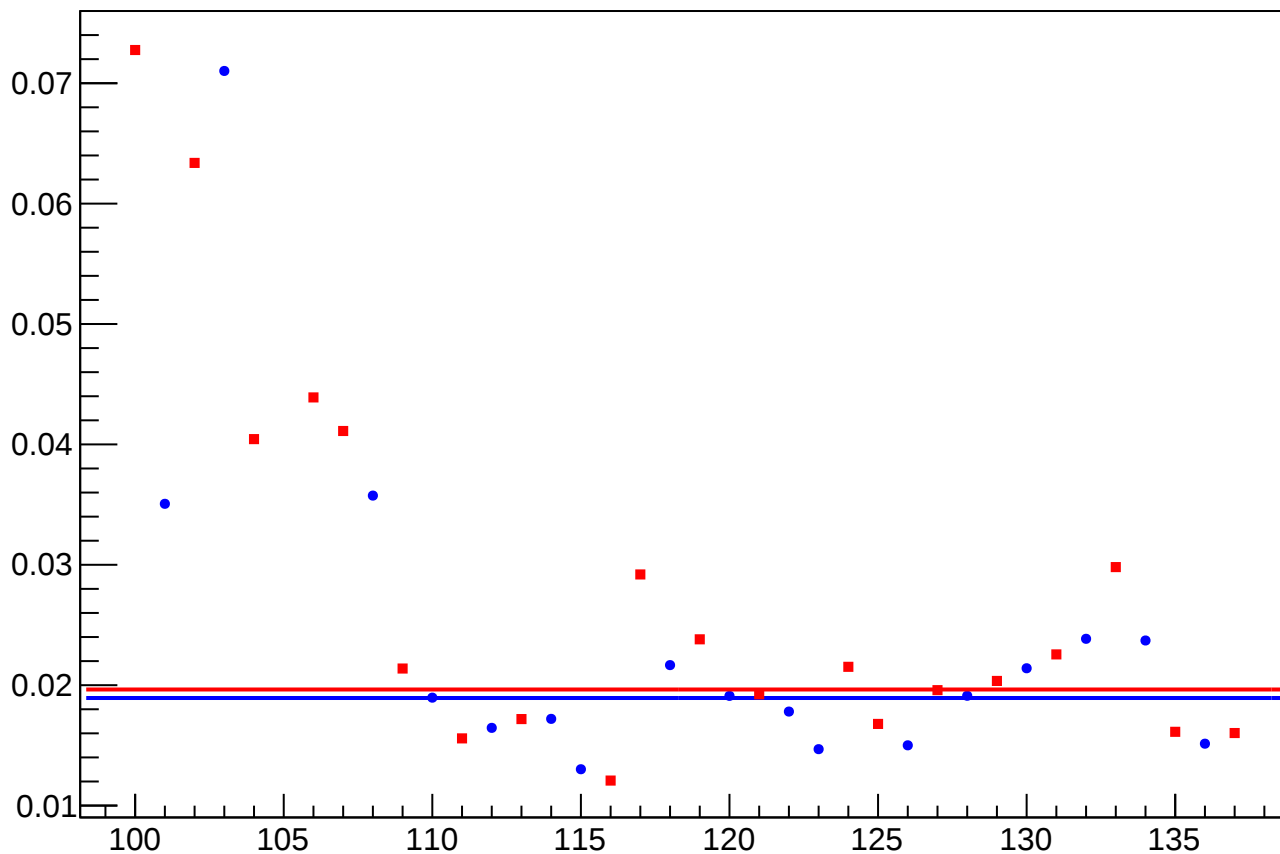
Right Out: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.176+/-0.000 χ^2/NDF : 70137178.3/16

-0.192+/-0.000 χ^2/NDF : 83899255.4/19

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1205858.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

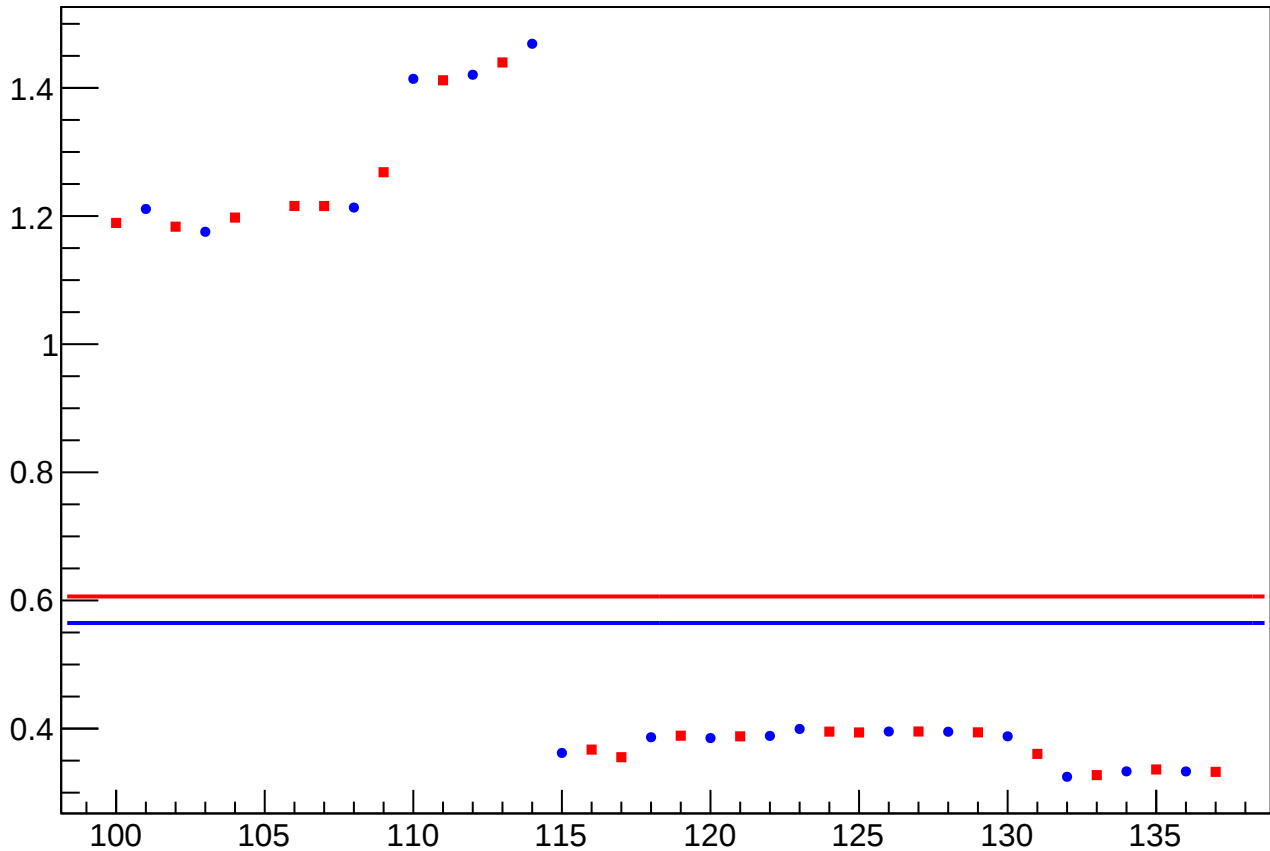
Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1205858.0/16

0.020+/-0.000 χ^2/NDF : 1466285.9/19

yield_bpm4eY_mean vs Slug



Right In: 0.565+/-0.000 χ^2/NDF : 5030969499.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

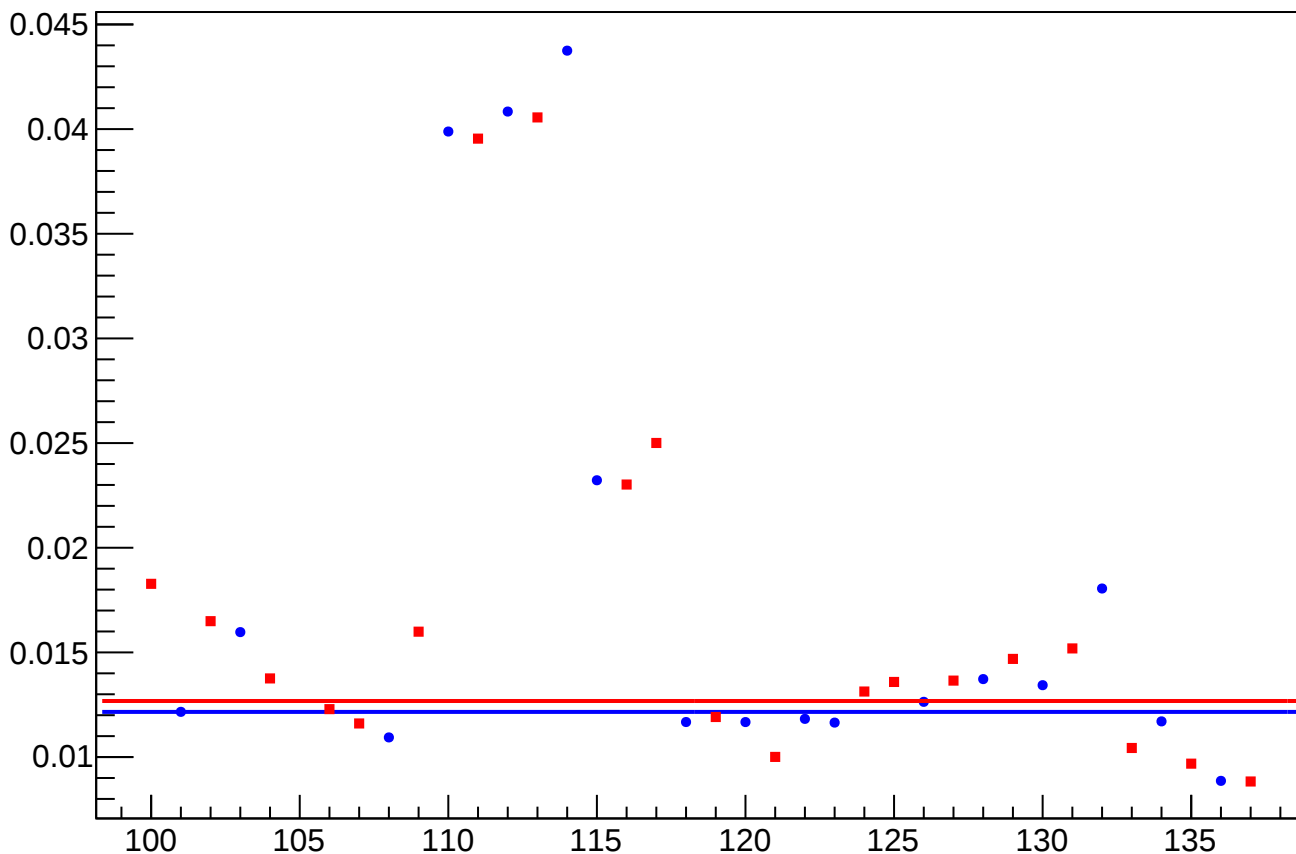
0.565+/-0.000 χ^2/NDF : 5030969499.3/16

Right Out: 0.606+/-0.000 χ^2/NDF : 5517630064.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.606+/-0.000 χ^2/NDF : 5517630064.2/19

yield_bpm4eY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1309888.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

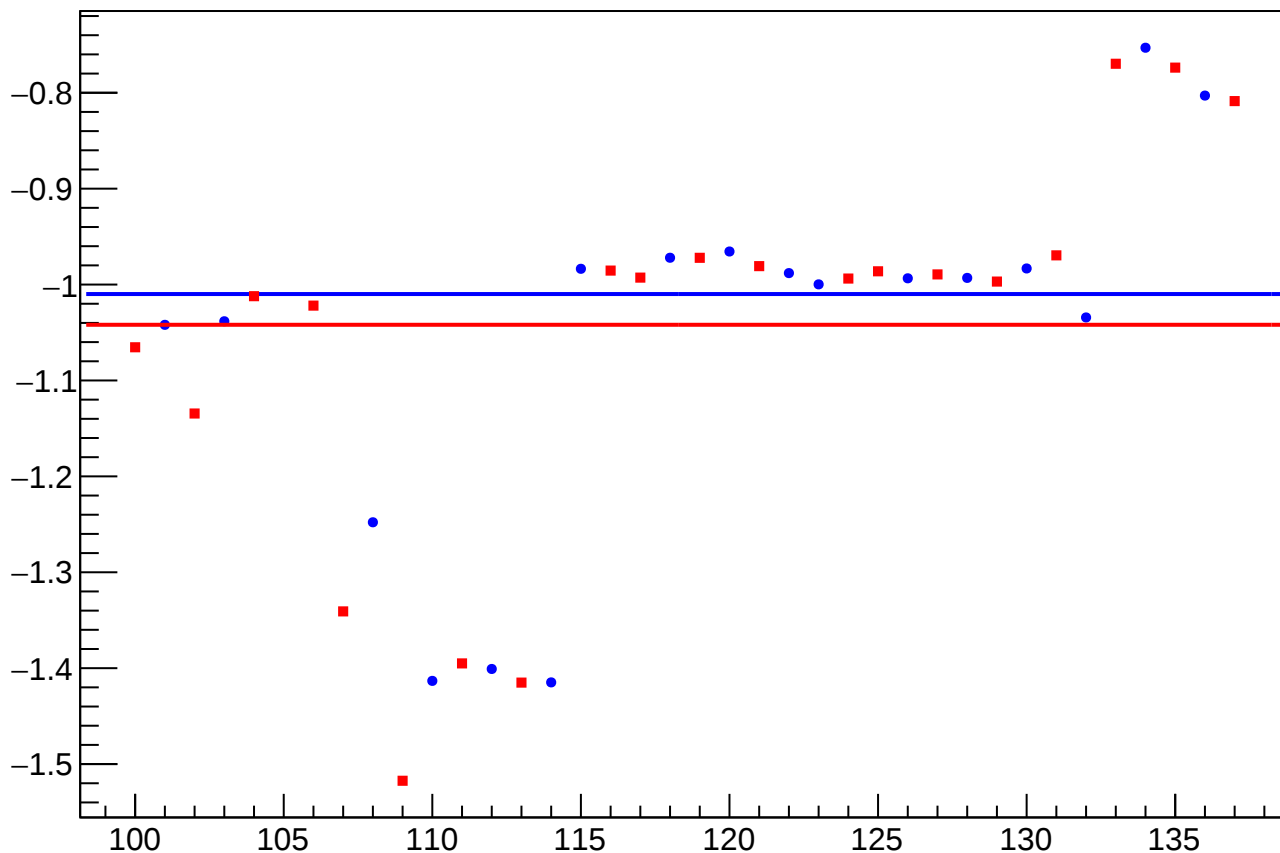
Right Out: 0.013+/-0.000 χ^2/NDF : 1289415.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1309888.8/16

0.013+/-0.000 χ^2/NDF : 1289415.7/19

yield_bpm4acX_mean vs Slug



Right In: -1.010 ± 0.000 χ^2/NDF : 387650332.0/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

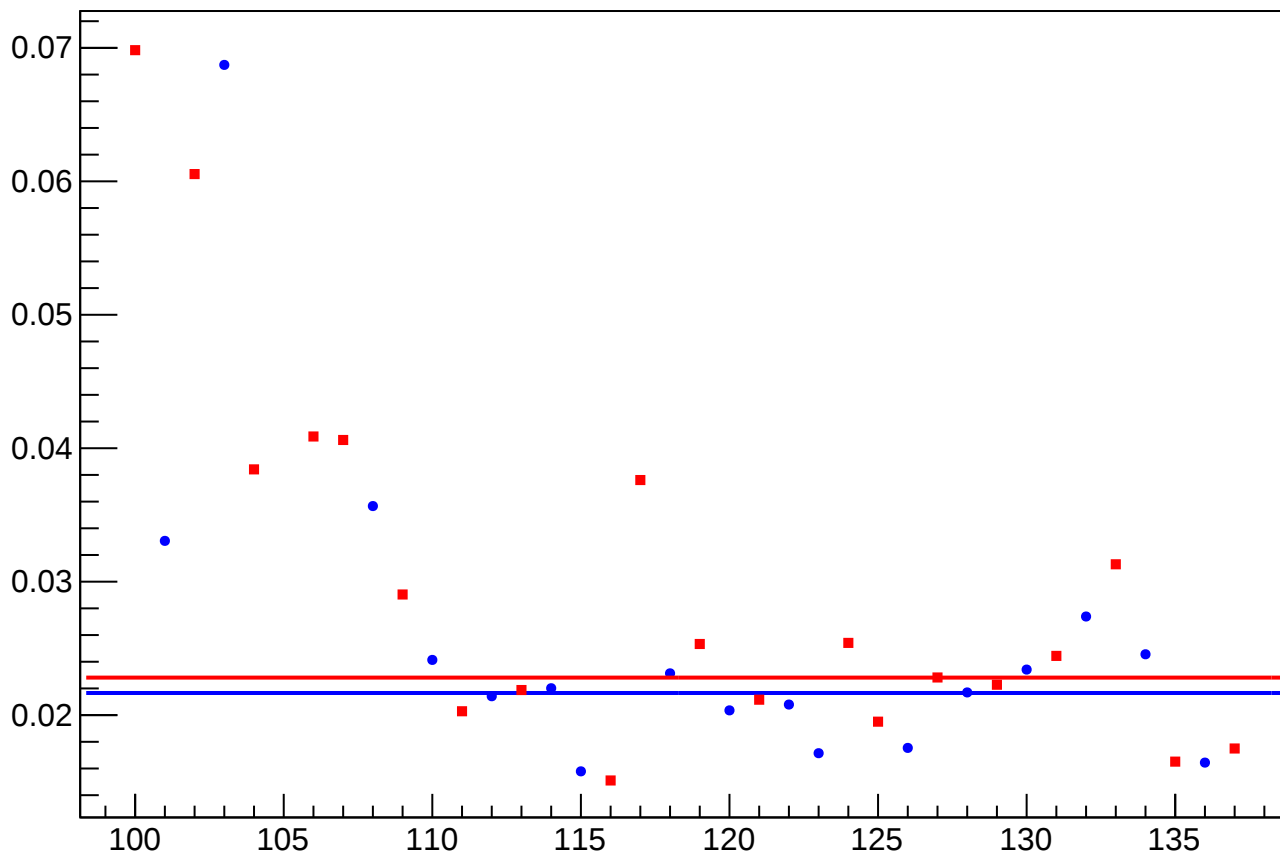
Right Out: -1.042 ± 0.000 χ^2/NDF : 530175104.2/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.010 ± 0.000 χ^2/NDF : 387650332.0/16

-1.042 ± 0.000 χ^2/NDF : 530175104.2/19

yield_bpm4acX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 983499.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

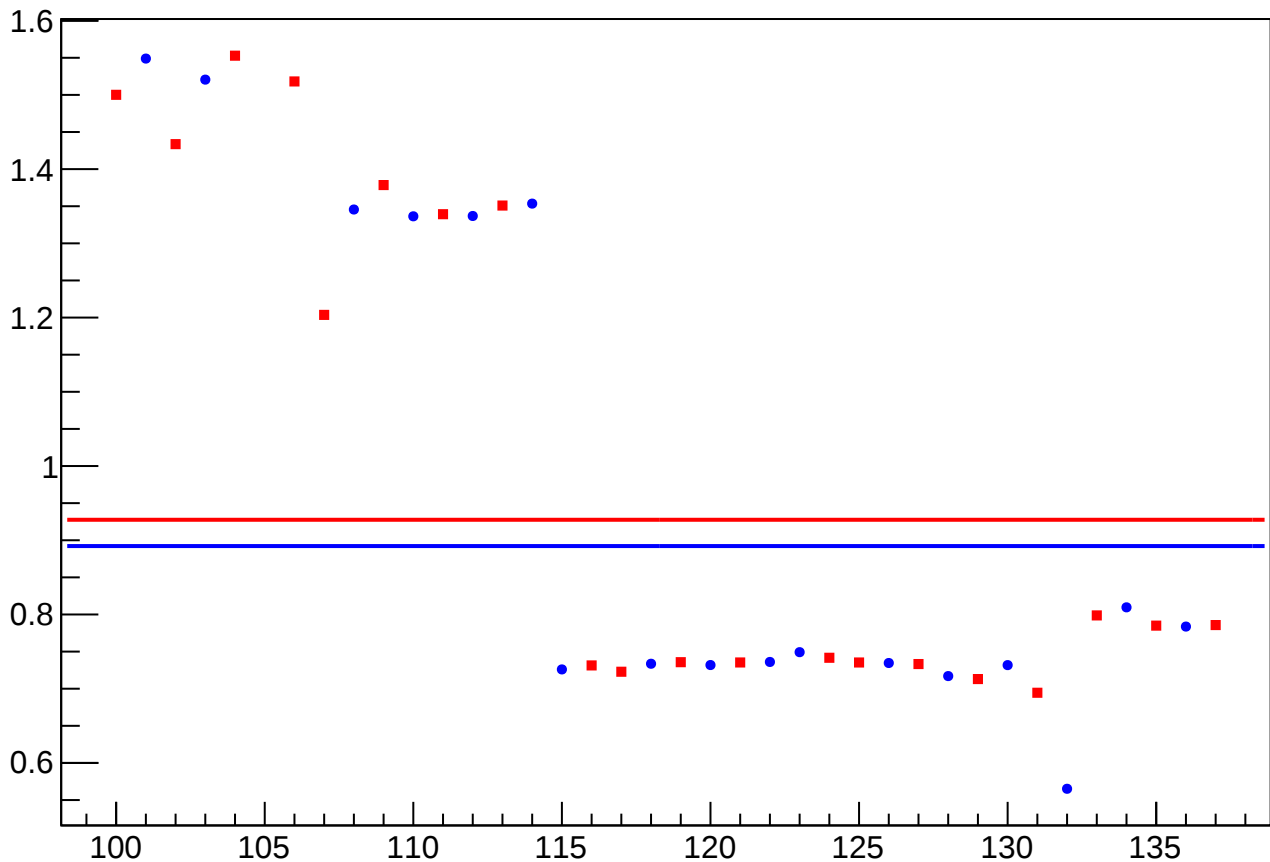
Right Out: 0.023+/-0.000 χ^2/NDF : 1165116.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 983499.8/16

0.023+/-0.000 χ^2/NDF : 1165116.5/19

yield_bpm4acY_mean vs Slug



Right In: 0.892+/-0.000 χ^2/NDF : 2413732173.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

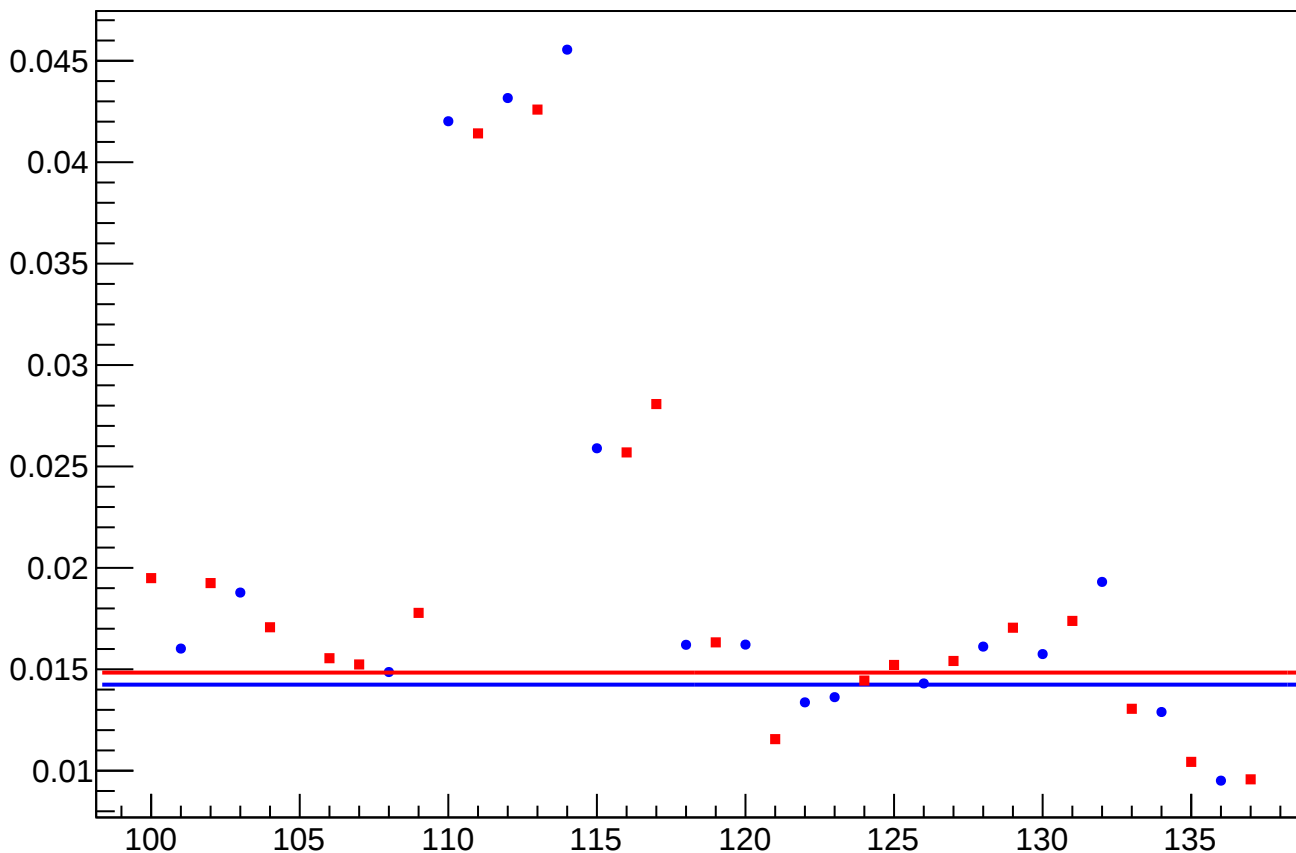
0.892+/-0.000 χ^2/NDF : 2413732173.6/16

Right Out: 0.928+/-0.000 χ^2/NDF : 2439574936.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.928+/-0.000 χ^2/NDF : 2439574936.7/19

yield_bpm4acY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1415681.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

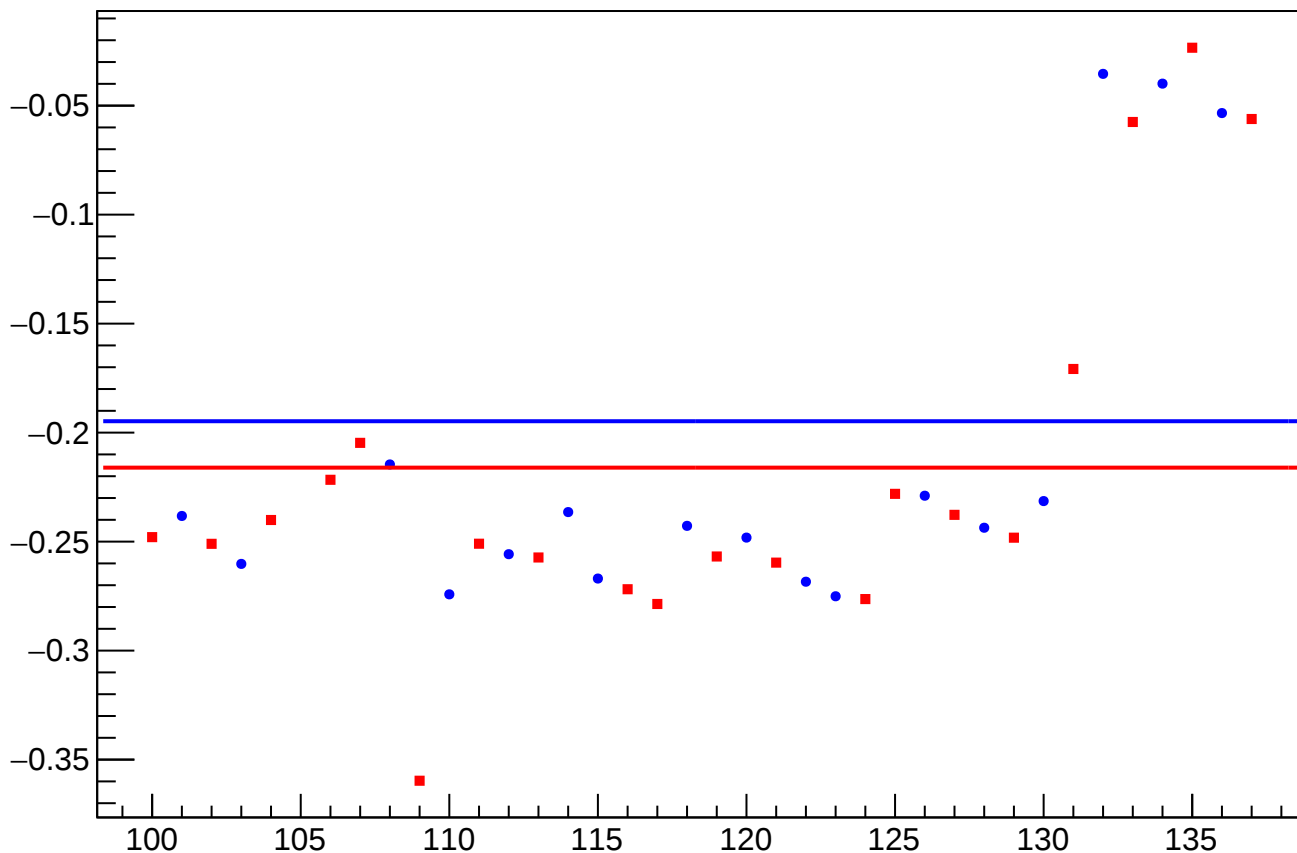
Right Out: 0.015+/-0.000 χ^2/NDF : 1291174.0/19

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 : 1291174.0/19

yield_bpm4ecX_mean vs Slug



Right In: -0.195+/-0.000 χ^2/NDF : 108656195.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

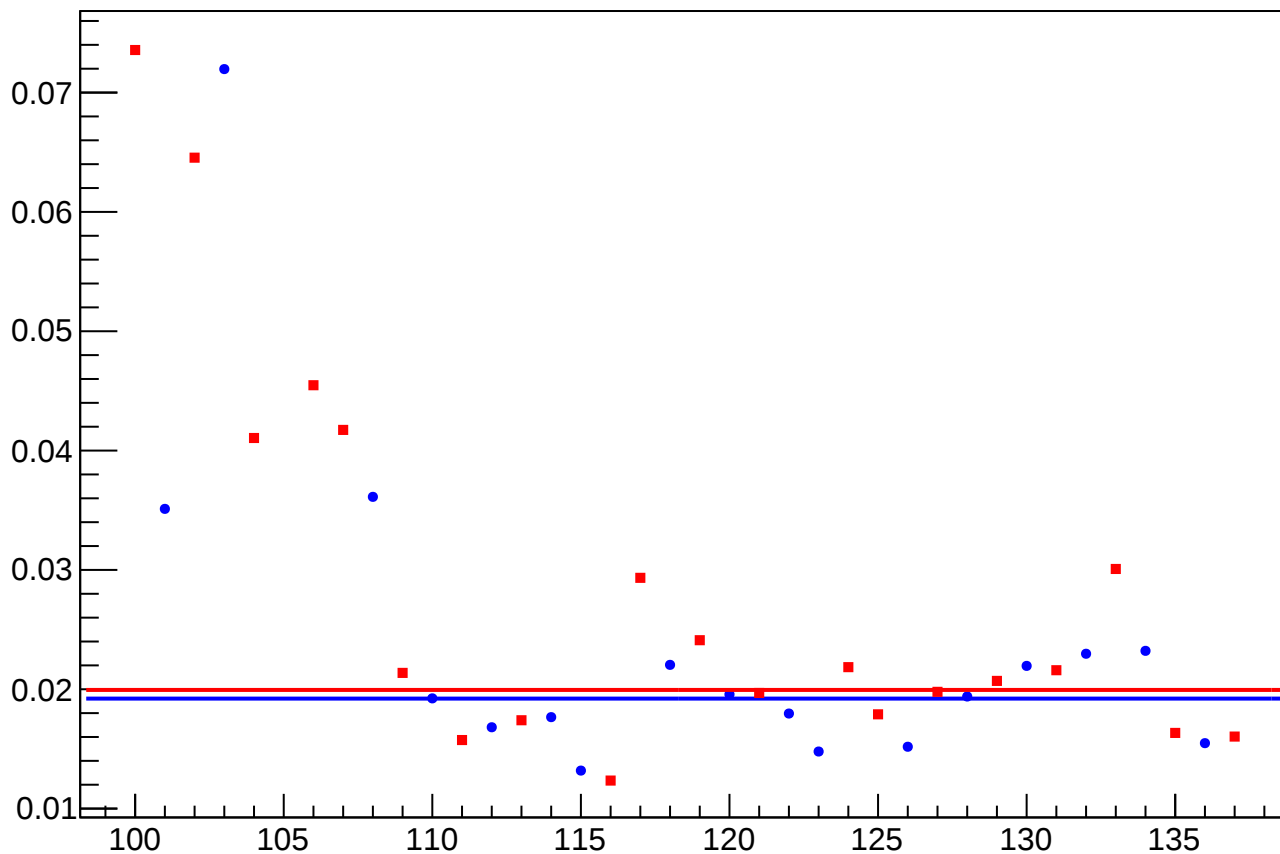
Right Out: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.195+/-0.000 χ^2/NDF : 108656195.5/16

-0.216+/-0.000 χ^2/NDF : 112167032.2/19

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1177085.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

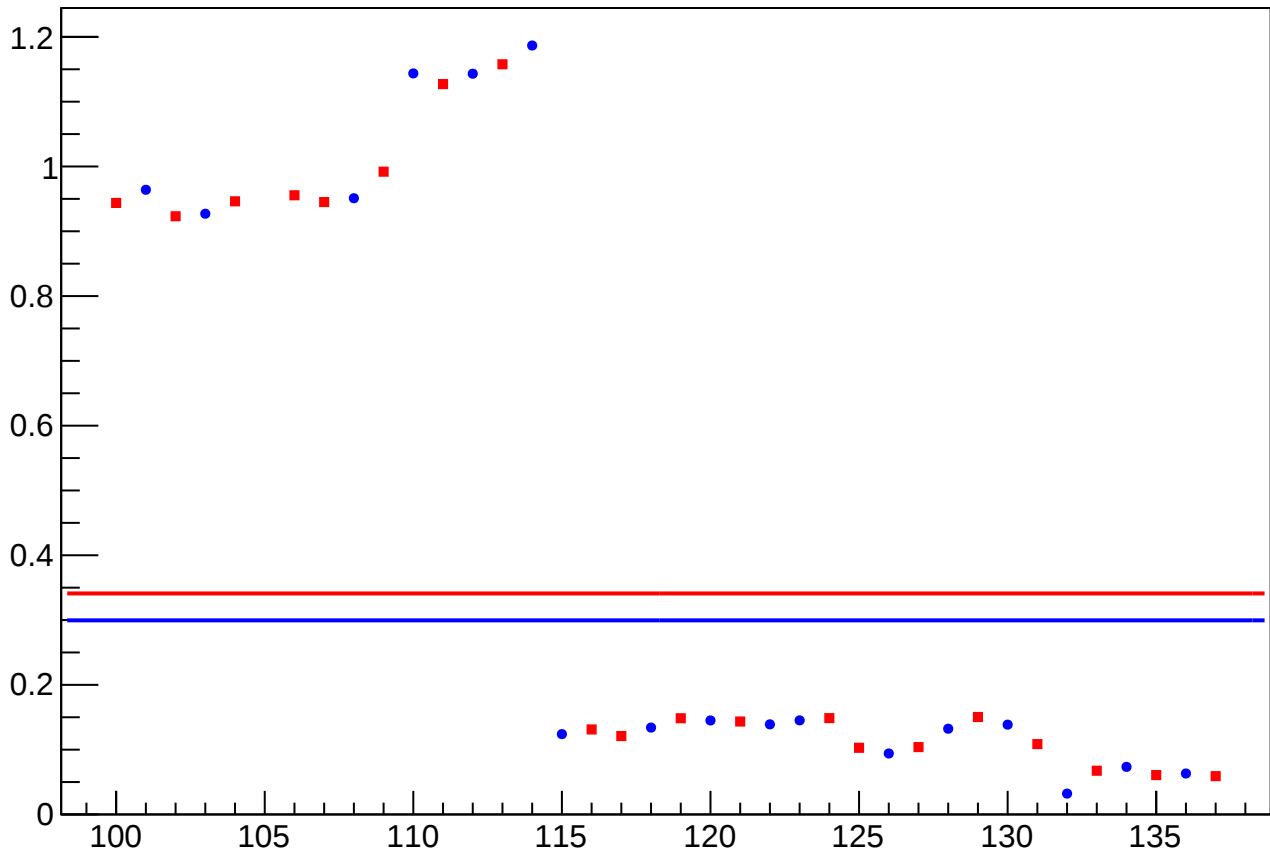
Right Out: 0.020+/-0.000 χ^2/NDF : 1455211.7/19

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 : 1455211.7/19

yield_bpm4ecY_mean vs Slug



Right In: 0.300+/-0.000 χ^2/NDF : 5165052137.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

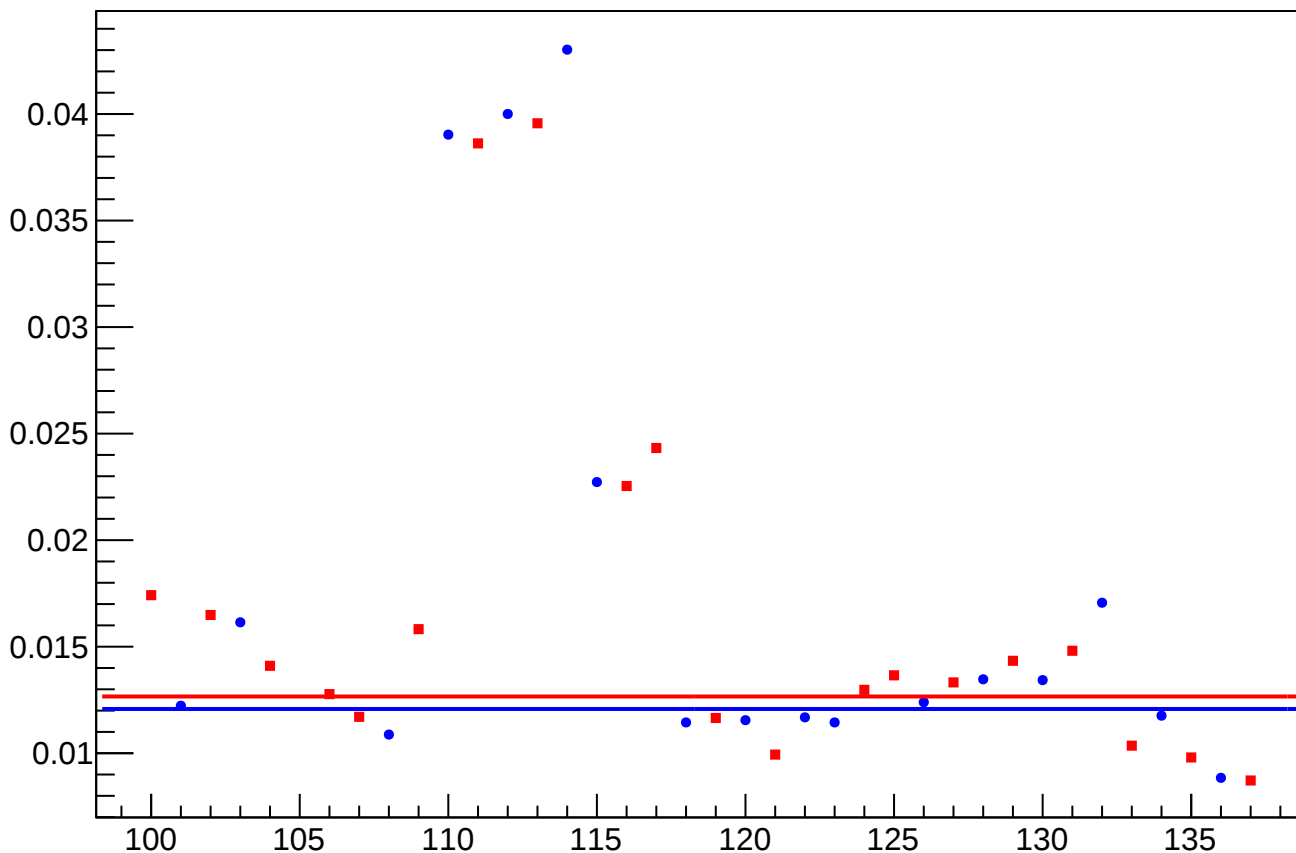
0.300+/-0.000 χ^2/NDF : 5165052137.6/16

Right Out: 0.341+/-0.000 χ^2/NDF : 5453748737.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.341+/-0.000 χ^2/NDF : 5453748737.7/19

yield_bpm4ecY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1282097.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

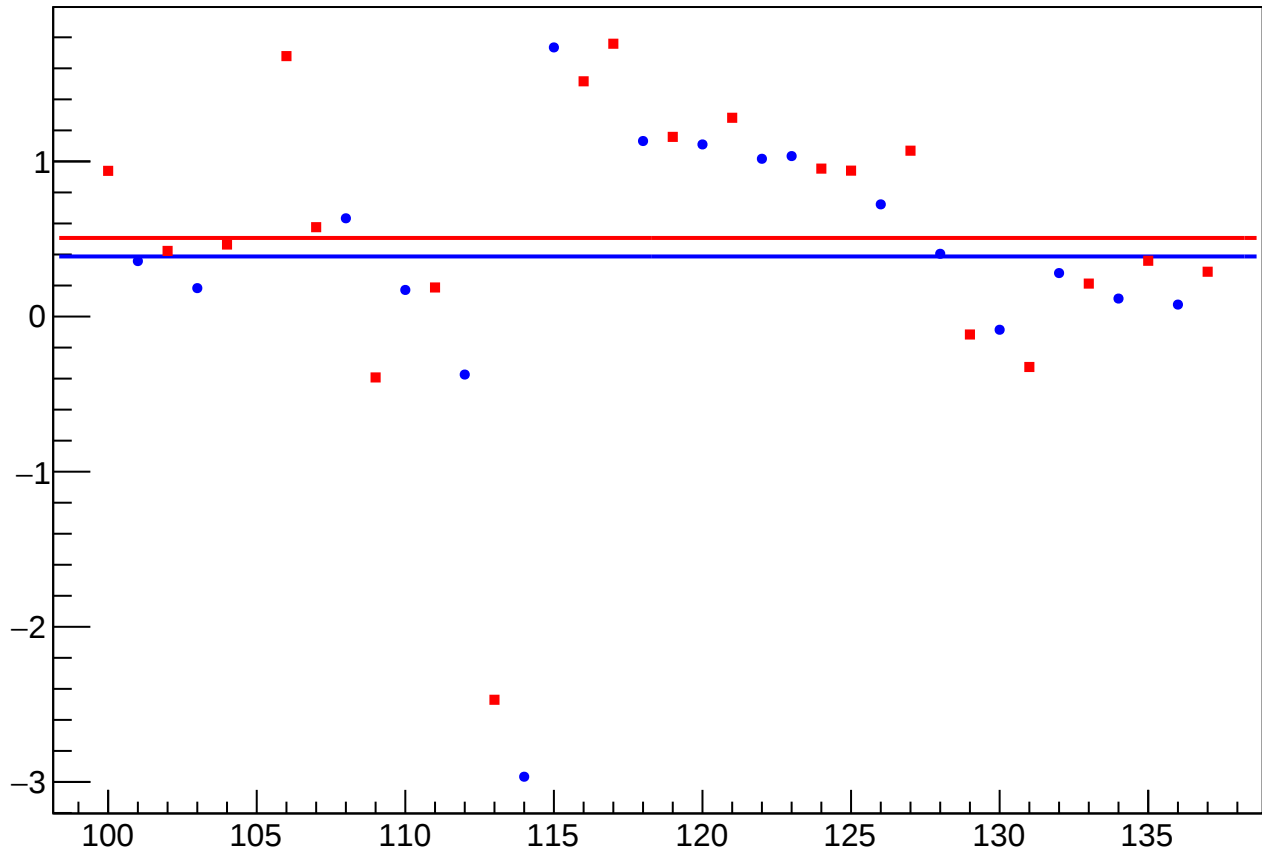
Right Out: 0.013+/-0.000 χ^2/NDF : 1255391.1/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1282097.7/16

0.013+/-0.000 χ^2/NDF : 1255391.1/19

yield_bpm1X_mean vs Slug



Right In: 0.387+/-0.000 χ^2/NDF : 247912593.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

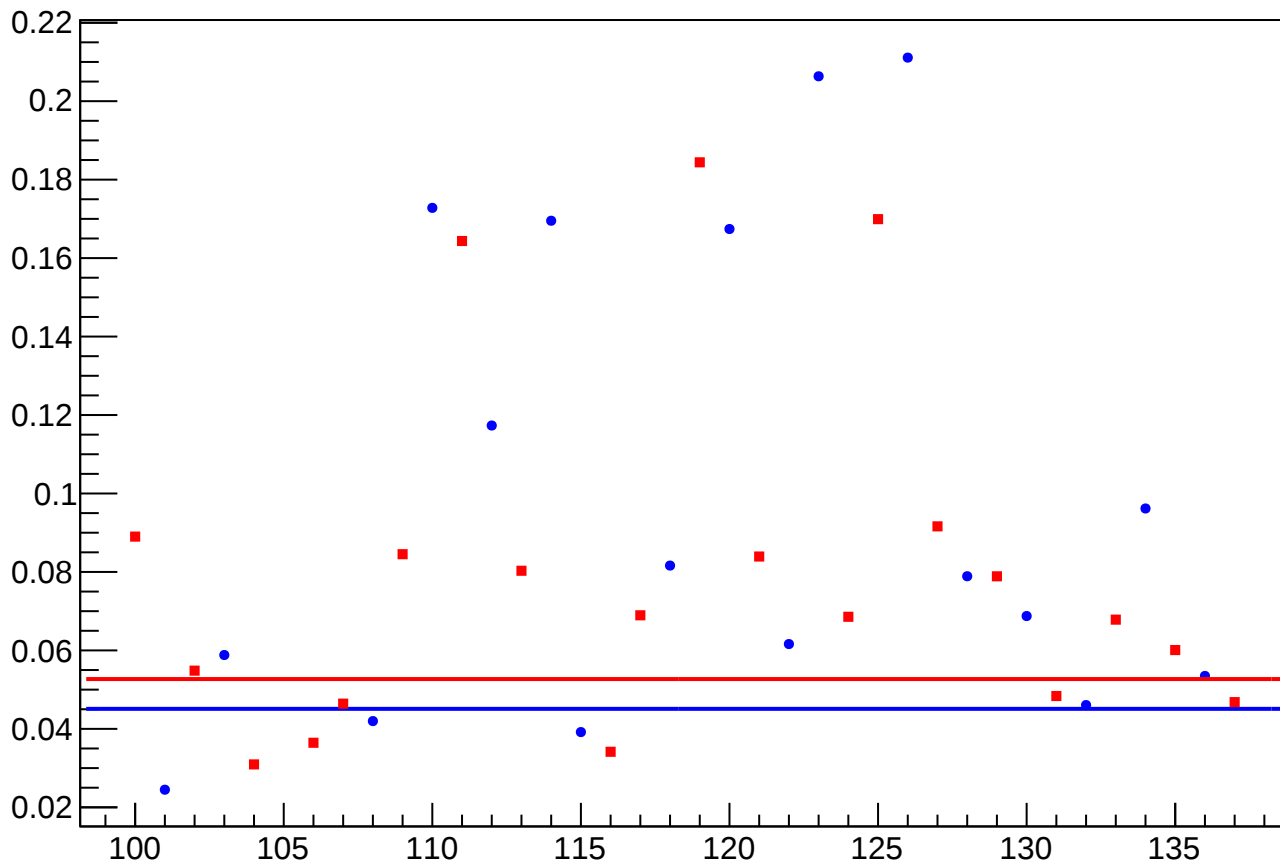
0.387+/-0.000 χ^2/NDF : 247912593.5/16

Right Out: 0.507+/-0.000 χ^2/NDF : 995347030.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.507+/-0.000 χ^2/NDF : 995347030.4/19

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2846218.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

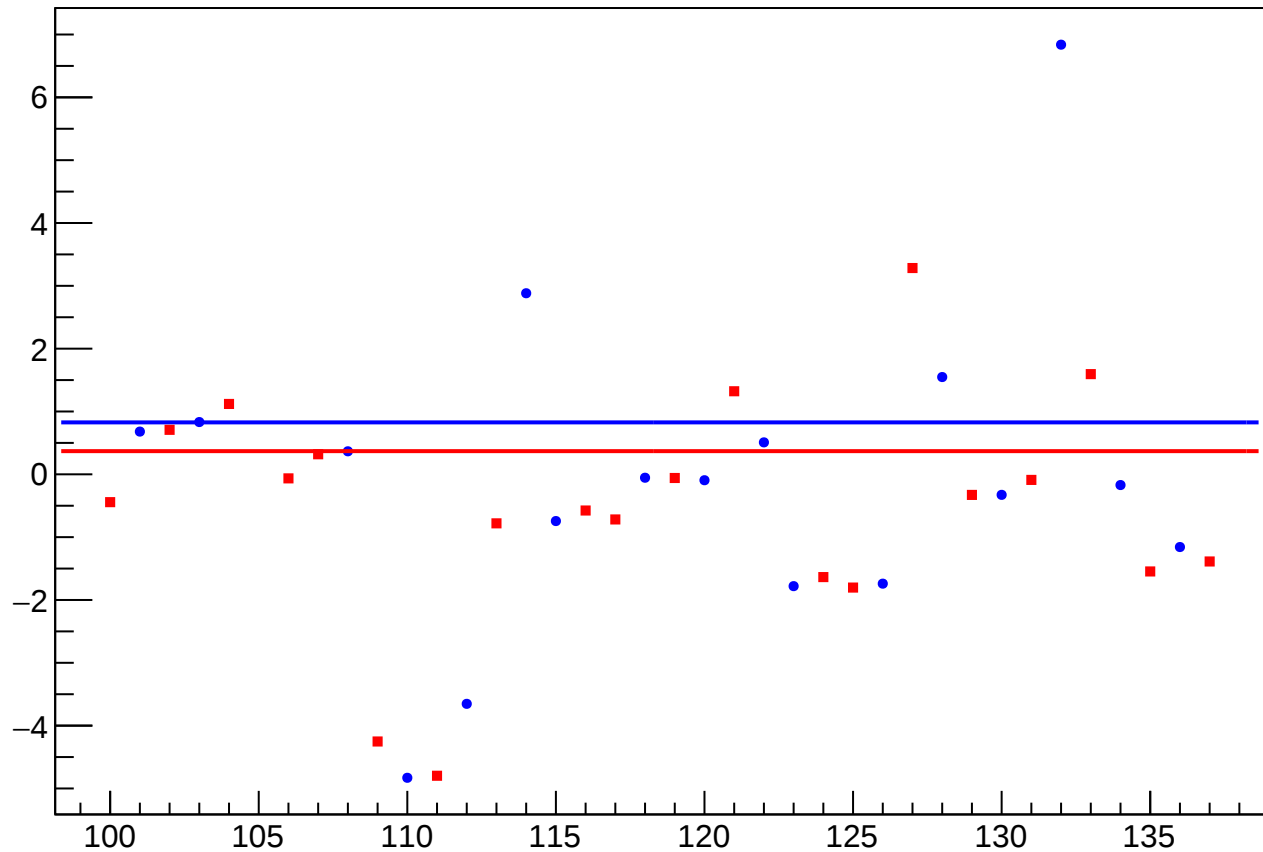
Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.045+/-0.000 χ^2/NDF : 2846218.9/16

0.053+/-0.000 χ^2/NDF : 2194555.4/19

yield_bpm1Y_mean vs Slug



Right In: 0.827+/-0.000 χ^2/NDF : 10936458870.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

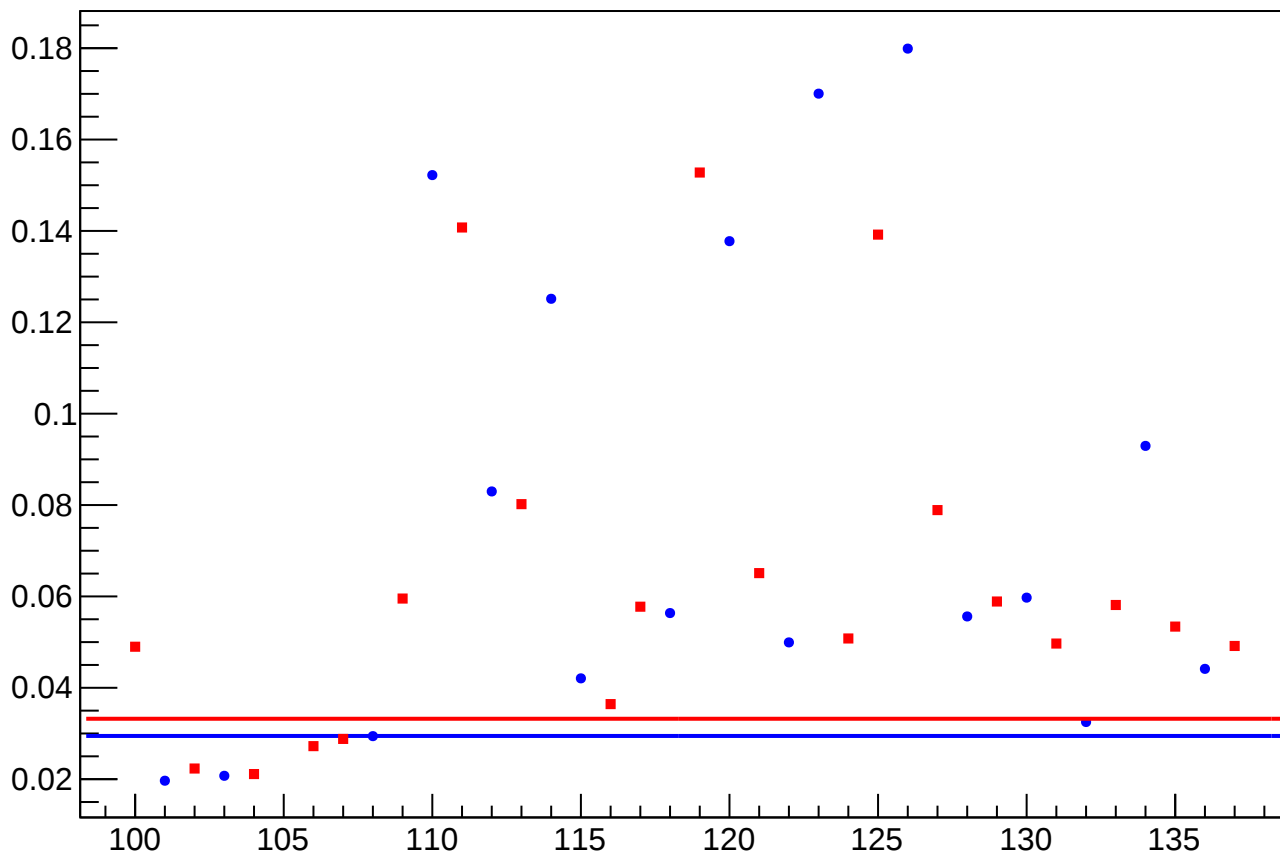
Right Out: 0.369+/-0.000 χ^2/NDF : 4985860510.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.827+/-0.000 χ^2/NDF : 10936458870.4/16

0.369+/-0.000 χ^2/NDF : 4985860510.0/19

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

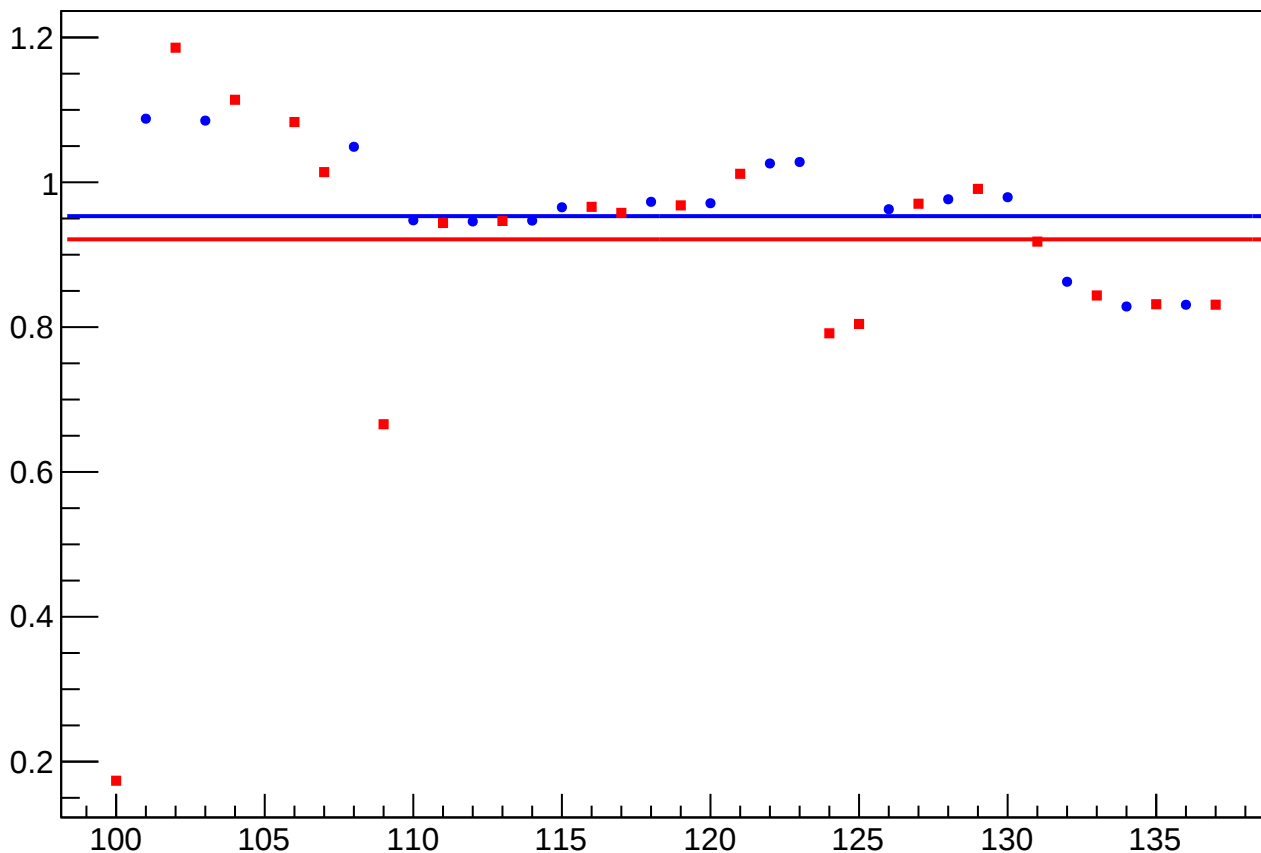
Right Out: 0.033+/-0.000 χ^2/NDF : 3110014.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 3053519.6/16

0.033+/-0.000 χ^2/NDF : 3110014.7/19

yield_bpm11X_mean vs Slug



Right In: 0.953+/-0.000 χ^2/NDF : 175396553.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

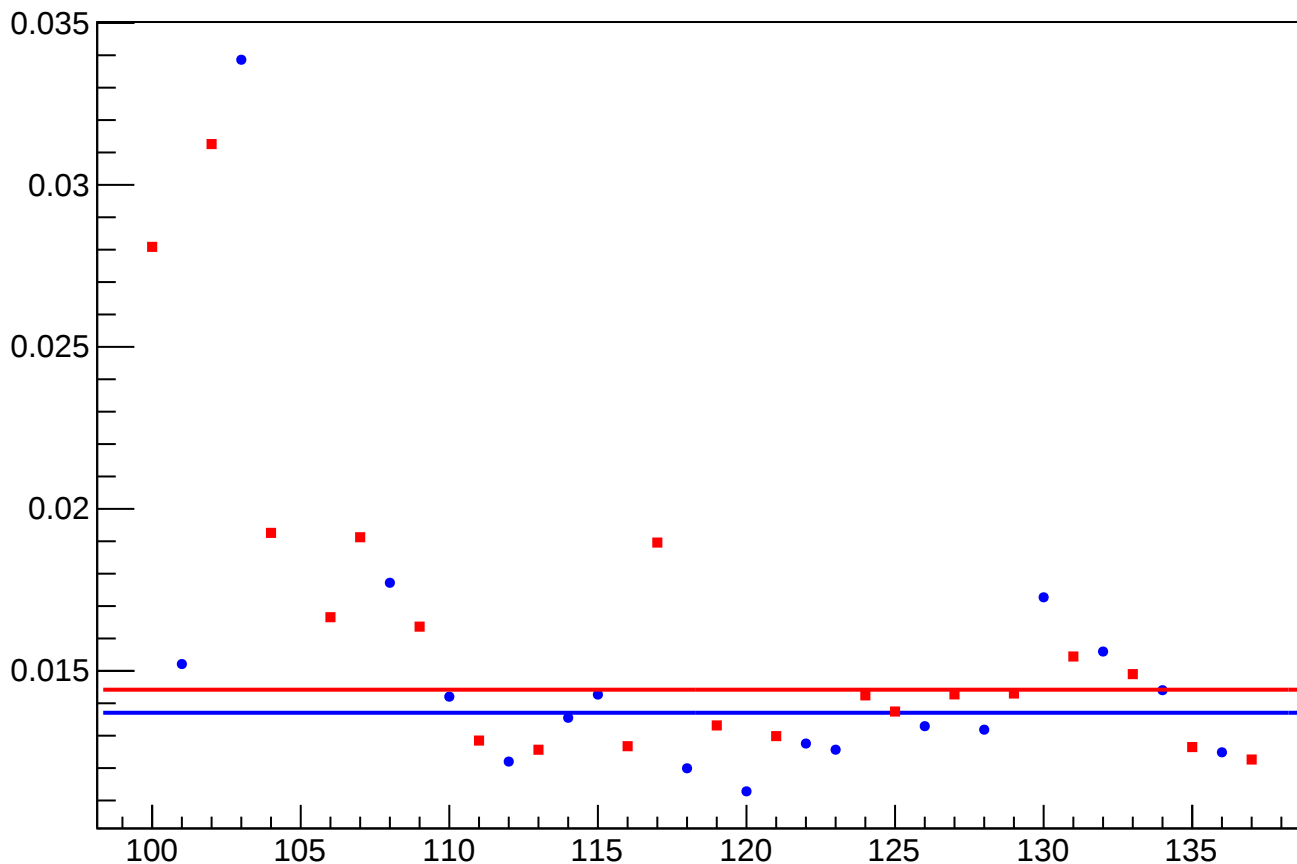
0.953+/-0.000 χ^2/NDF : 175396553.4/16

Right Out: 0.921+/-0.000 χ^2/NDF : 374376205.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.921+/-0.000 χ^2/NDF : 374376205.4/19

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 546317.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

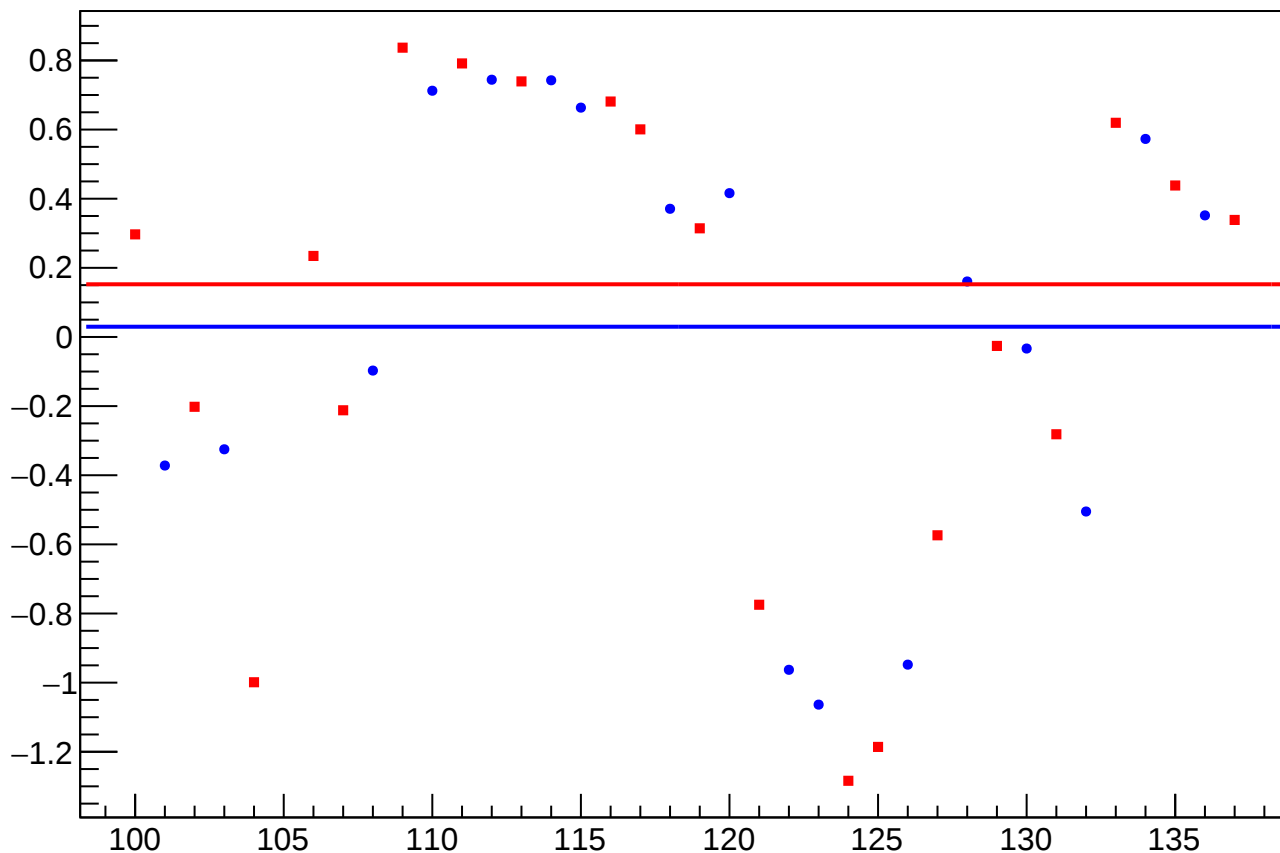
Right Out: 0.014+/-0.000 χ^2/NDF : 506553.4/19

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 : 506553.4/19

yield_bpm11Y_mean vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 6294824795.0/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

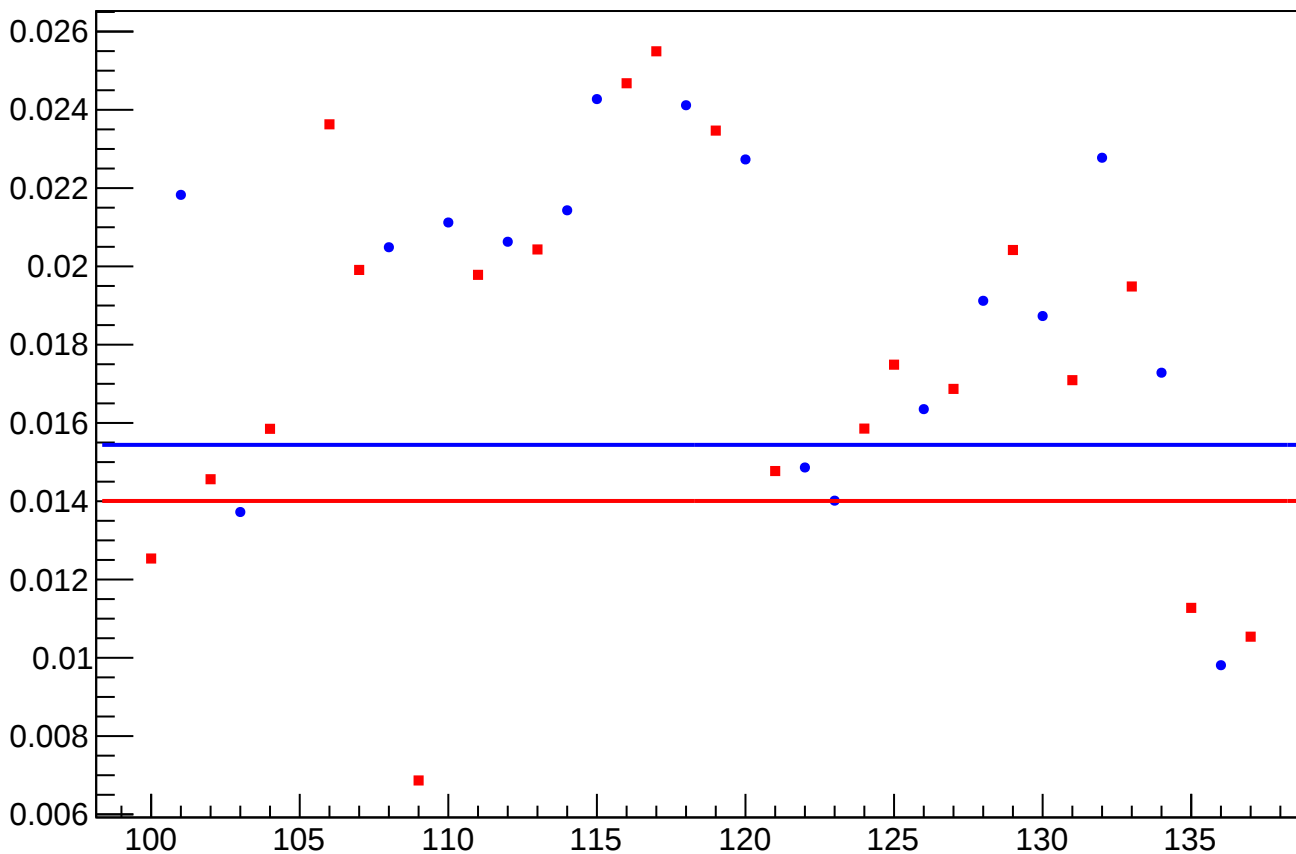
Right Out: 0.152+/-0.000 χ^2/NDF : 12673501089.9/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.030+/-0.000 χ^2/NDF : 6294824795.0/16

0.152+/-0.000 χ^2/NDF : 12673501089.9/19

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

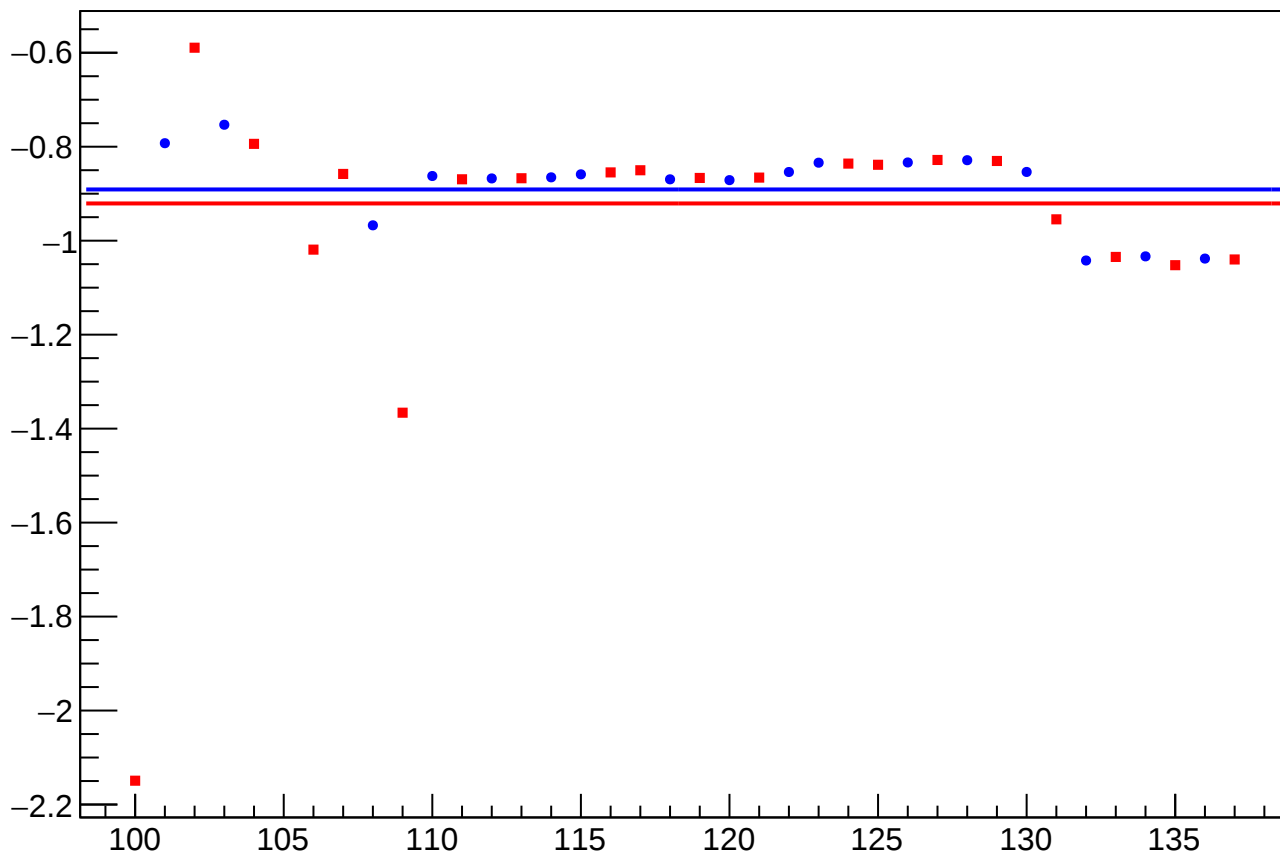
Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1161852.5/16

0.014+/-0.000 χ^2/NDF : 1576149.9/19

yield_bpm12X_mean vs Slug



Right In: -0.891+/-0.000 χ^2/NDF : 39578323.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

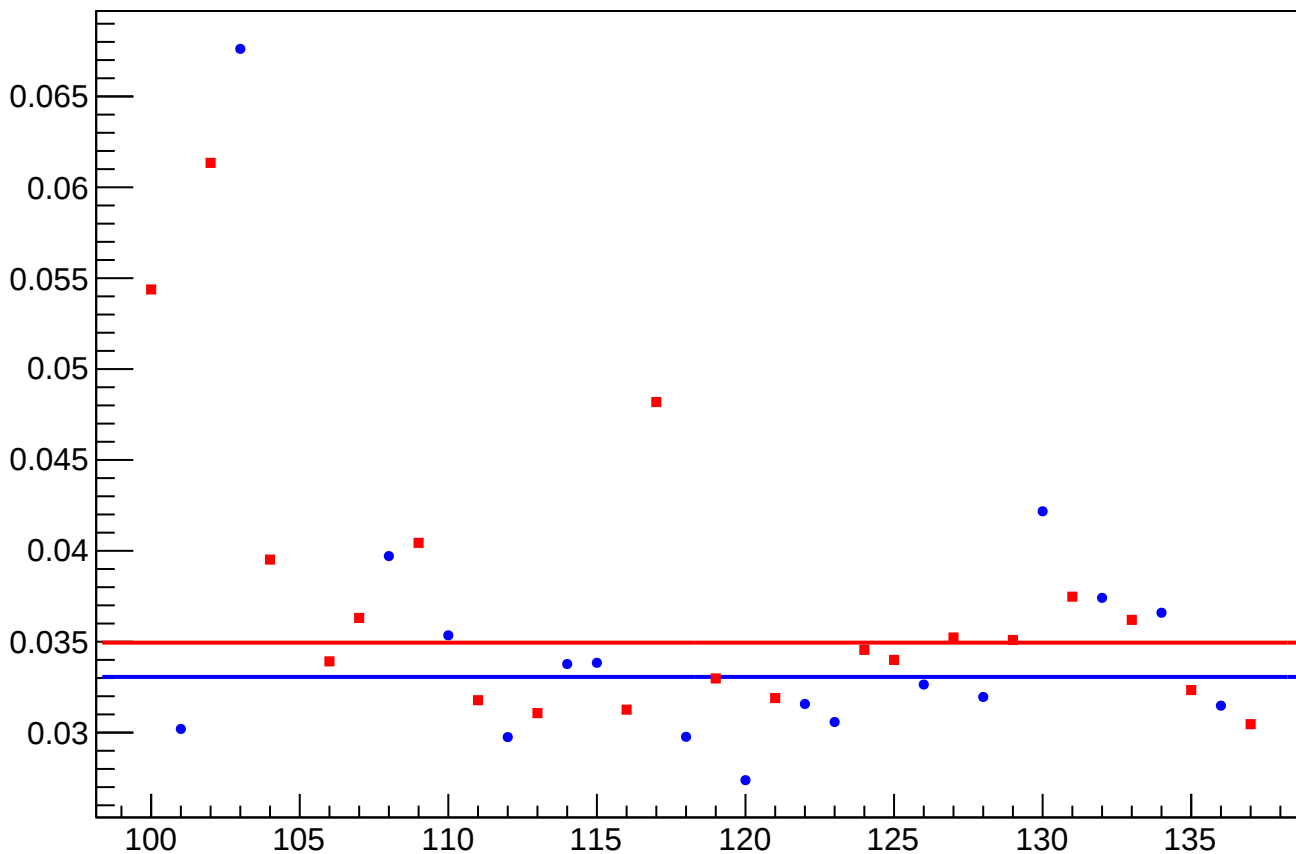
Right Out: -0.921+/-0.000 χ^2/NDF : 131271770.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.891+/-0.000 χ^2/NDF : 39578323.2/16

-0.921+/-0.000 χ^2/NDF : 131271770.4/19

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 409286.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

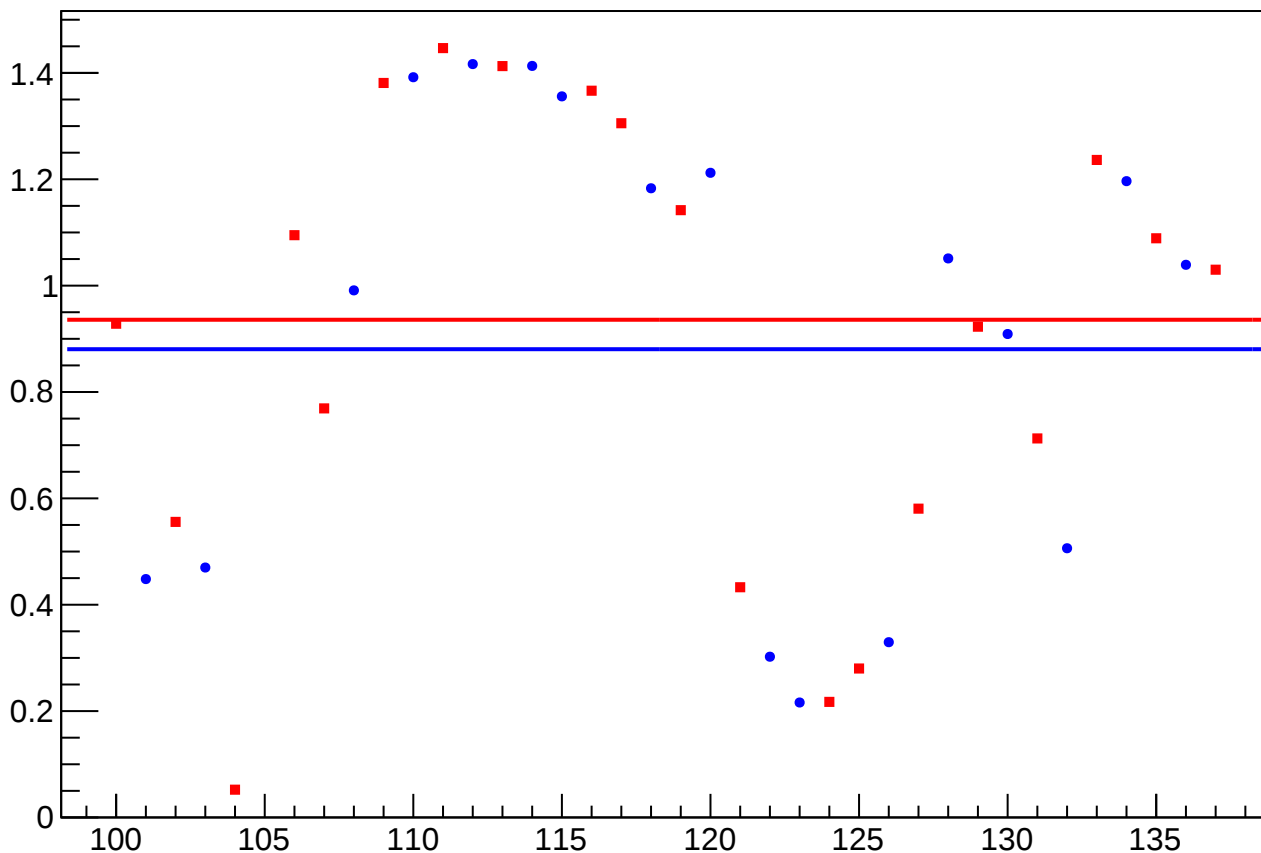
Right Out: 0.035+/-0.000 χ^2/NDF : 280500.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 409286.7/16

0.035+/-0.000 χ^2/NDF : 280500.4/19

yield_bpm12Y_mean vs Slug



Right In: 0.880+/-0.000 χ^2/NDF : 6400108121.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

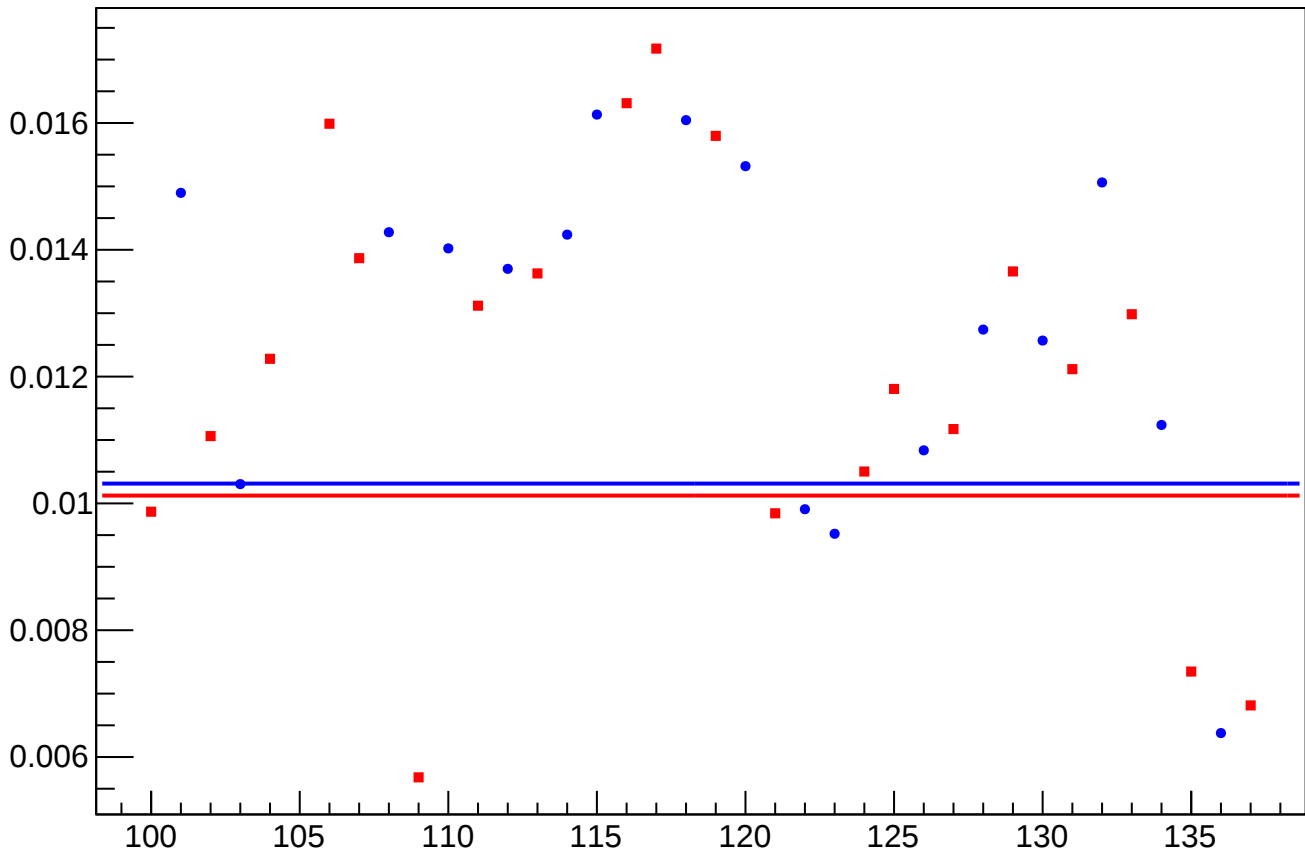
Right Out: 0.936+/-0.000 χ^2/NDF : 9851303698.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.880+/-0.000 χ^2/NDF : 6400108121.4/16

0.936+/-0.000 χ^2/NDF : 9851303698.9/19

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1231066.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

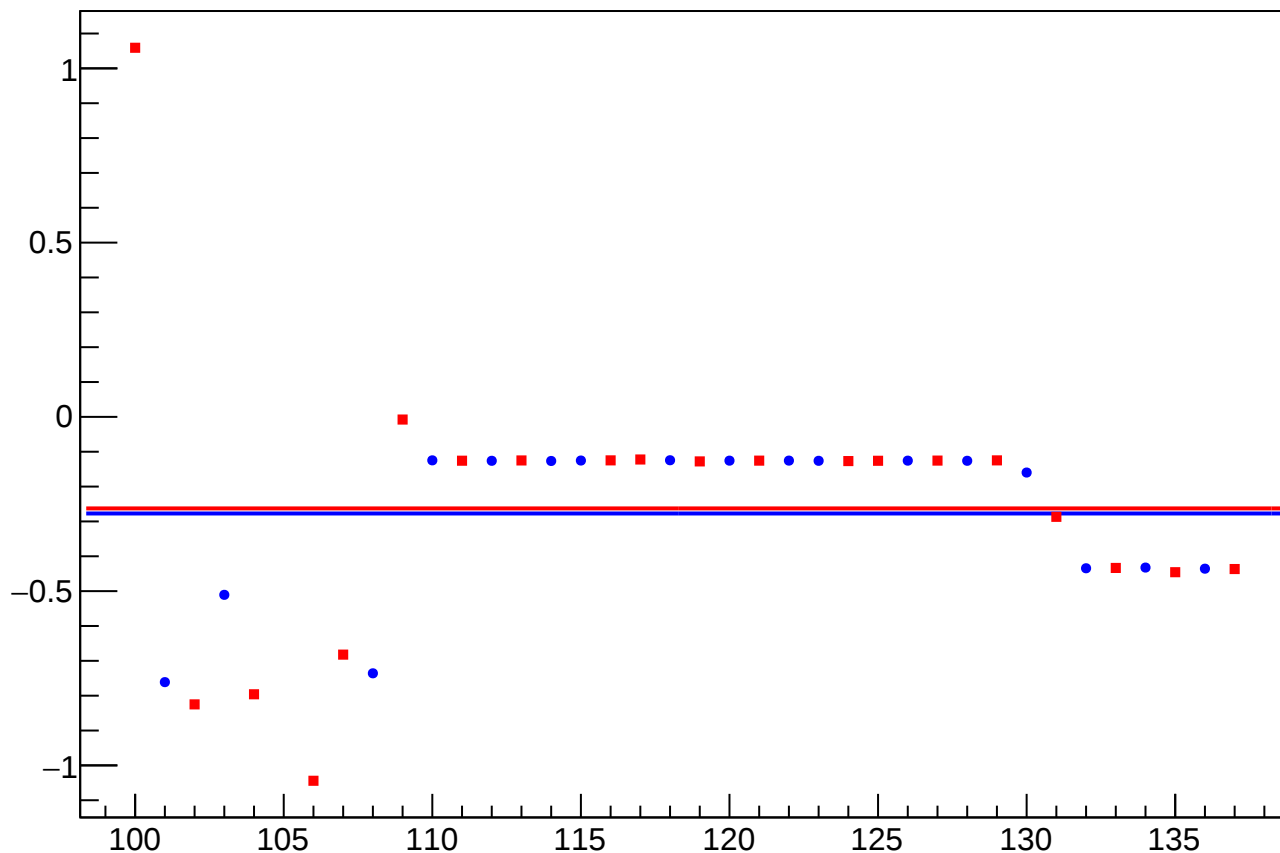
Right Out: 0.010+/-0.000 χ^2/NDF : 1191429.9/19

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 : 1191429.9/19

yield_bpm16X_mean vs Slug



Right In: -0.277+/-0.000 χ^2/NDF : 940562986.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

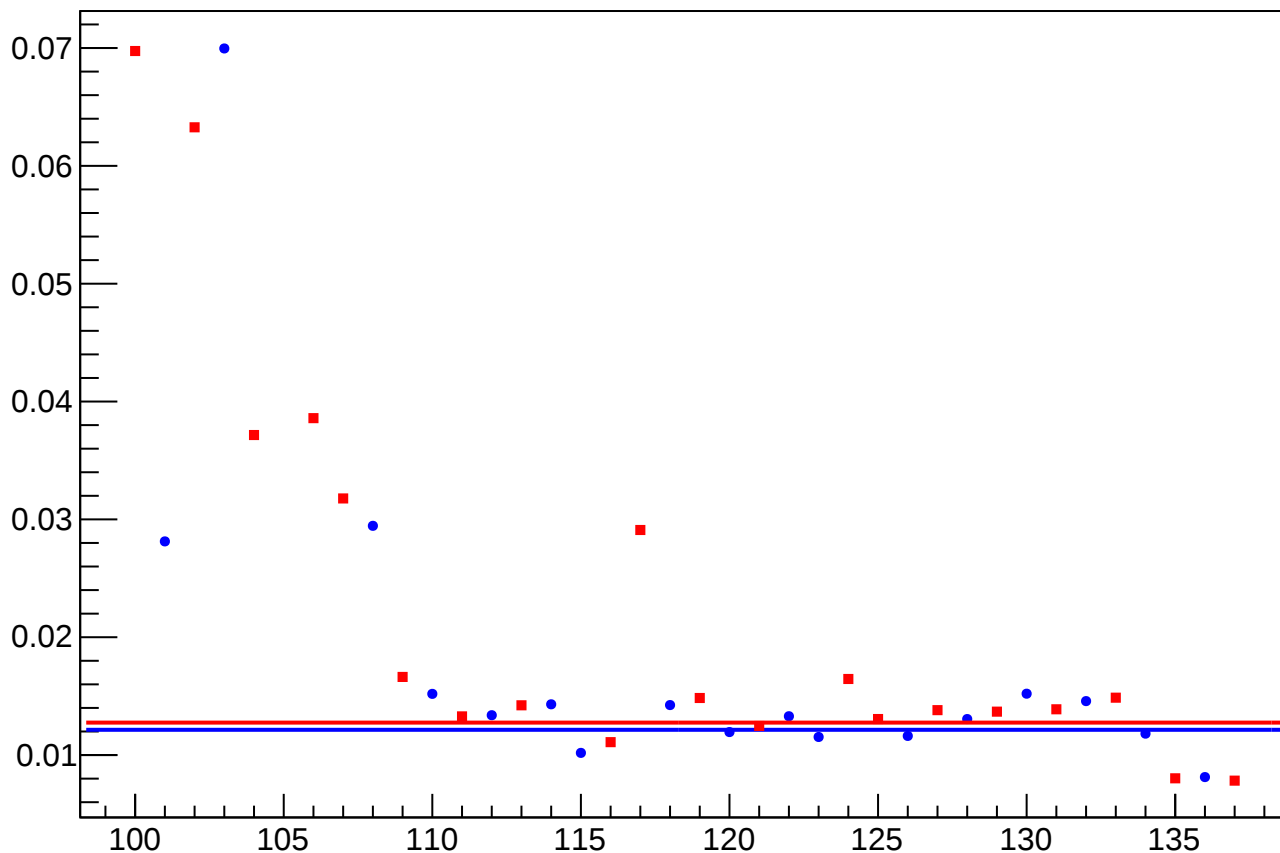
Right Out: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.277+/-0.000 χ^2/NDF : 940562986.7/16

-0.263+/-0.000 χ^2/NDF : 1009303829.9/19

yield_bpm16X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1727494.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

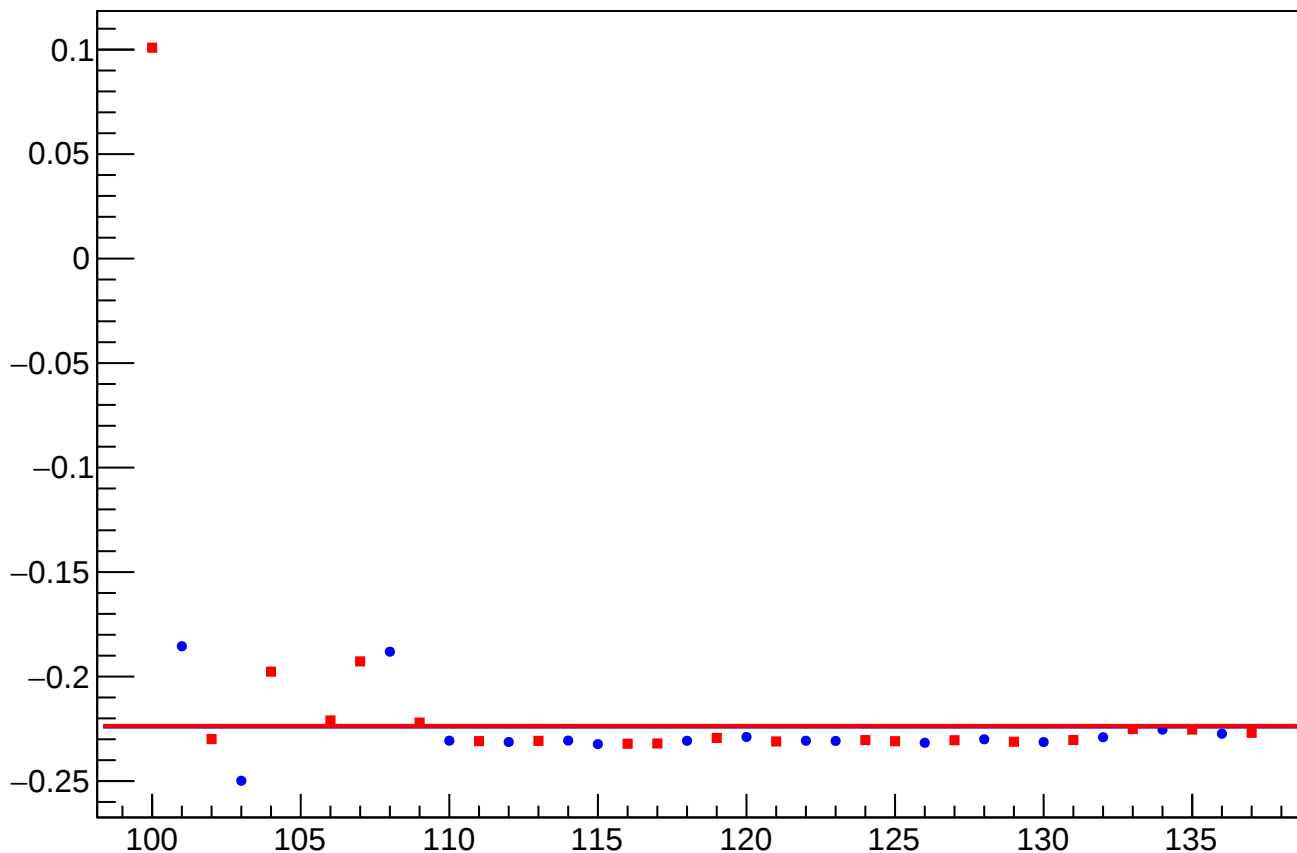
Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1727494.7/16

0.013+/-0.000 χ^2/NDF : 1993726.2/19

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF : 74704721.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

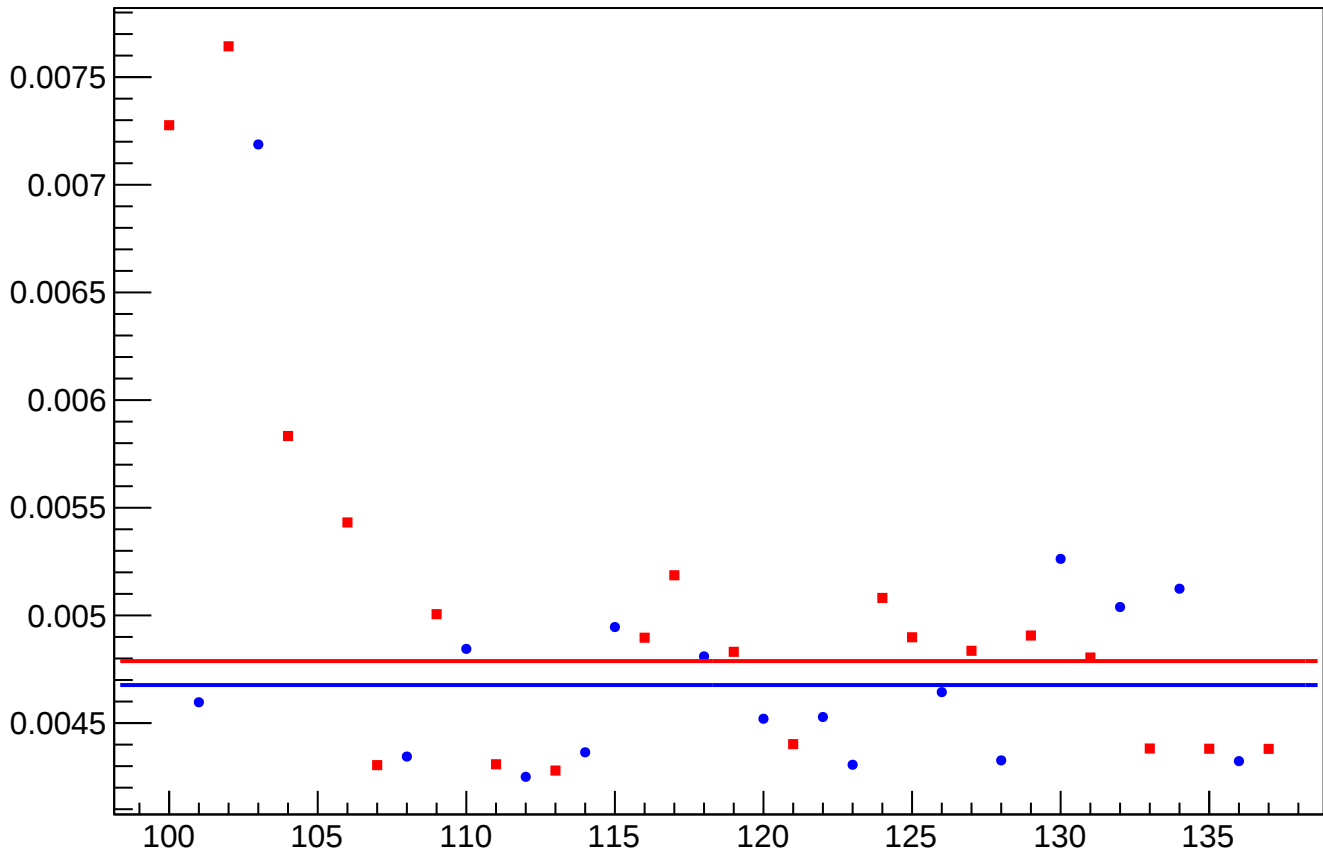
Right Out: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

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 : 168231258.4/19

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 181335.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

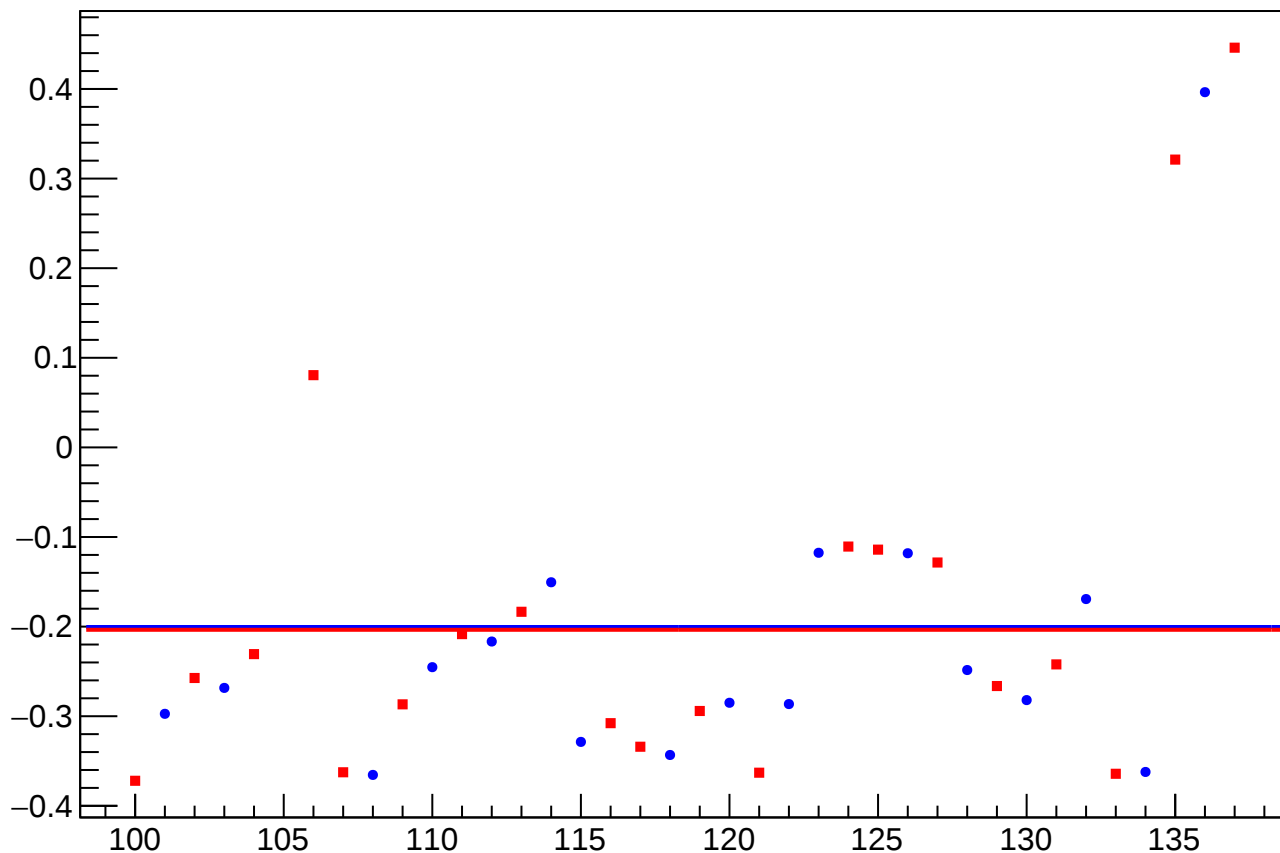
Right Out: 0.005+/-0.000 χ^2/NDF : 248668.3/19

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 : 248668.3/19

yield_bpm0i02X_mean vs Slug



Right In: -0.200+/-0.000 χ^2 /NDF: 5973556486.0/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

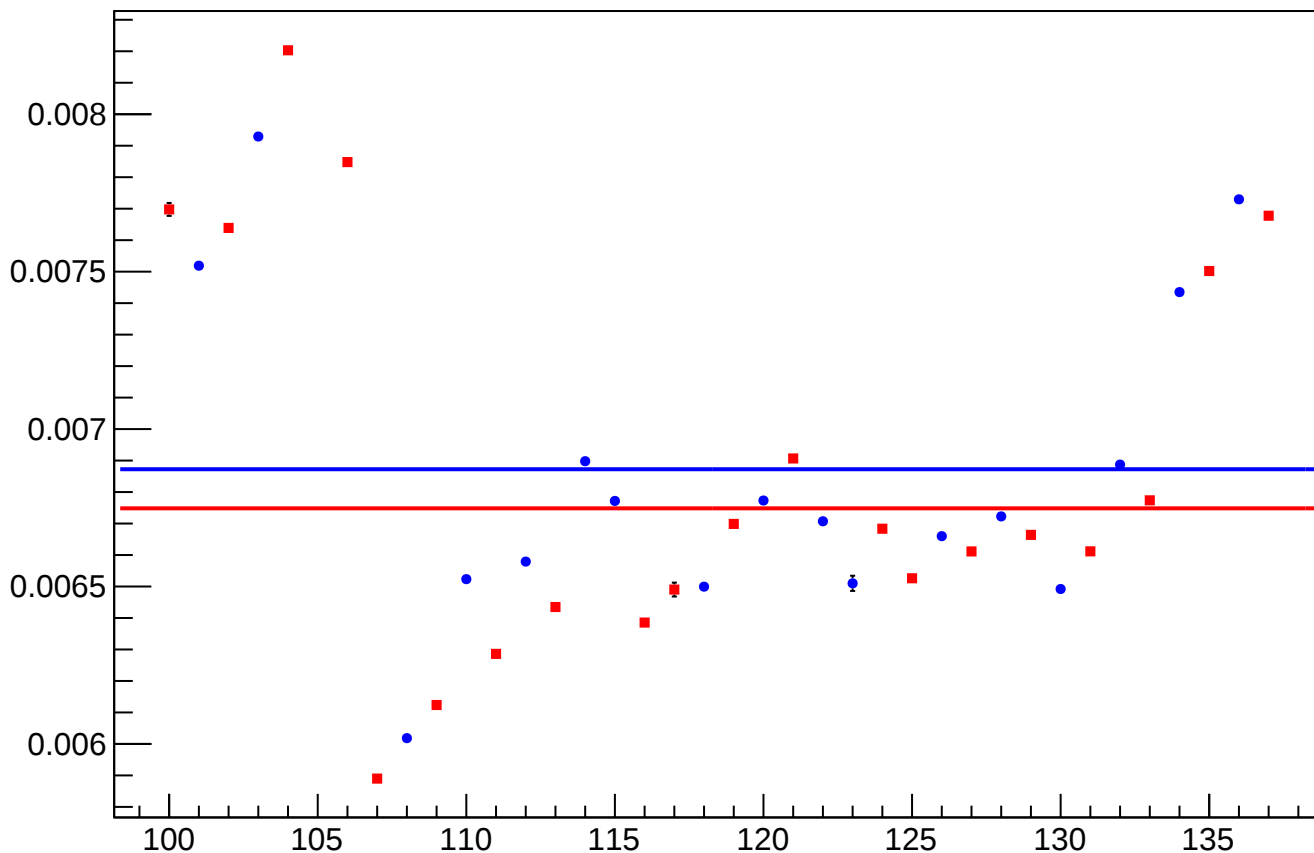
Right Out: -0.204+/-0.000 χ^2 /NDF: 5045878528.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.200+/-0.000 χ^2 /NDF: 5973556486.0/16

-0.204+/-0.000 χ^2 /NDF: 5045878528.0/19

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 78611.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

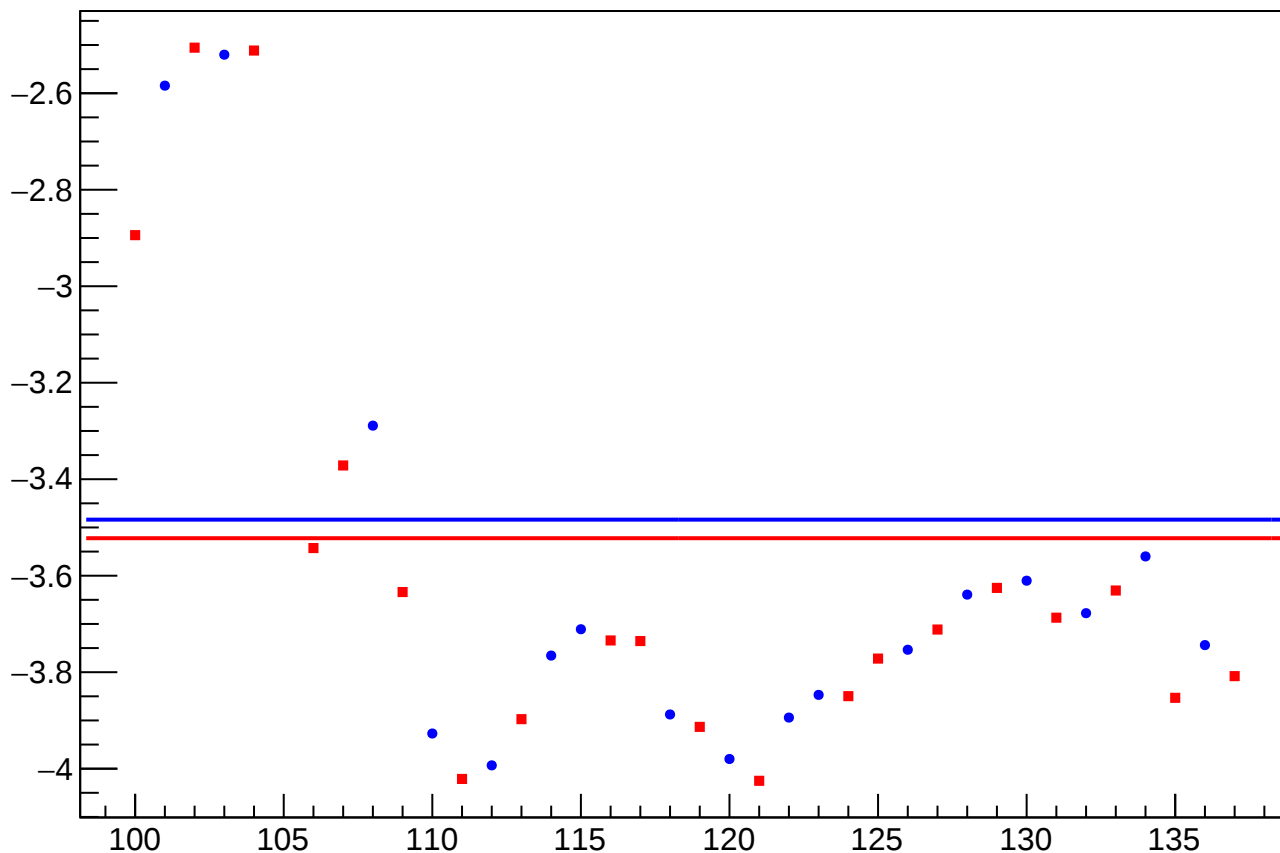
Right Out: 0.007+/-0.000 χ^2/NDF : 105262.1/19

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 : 105262.1/19

yield_bpm0i02Y_mean vs Slug



Right In: -3.484+/-0.000 χ^2/NDF : 27174302276.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

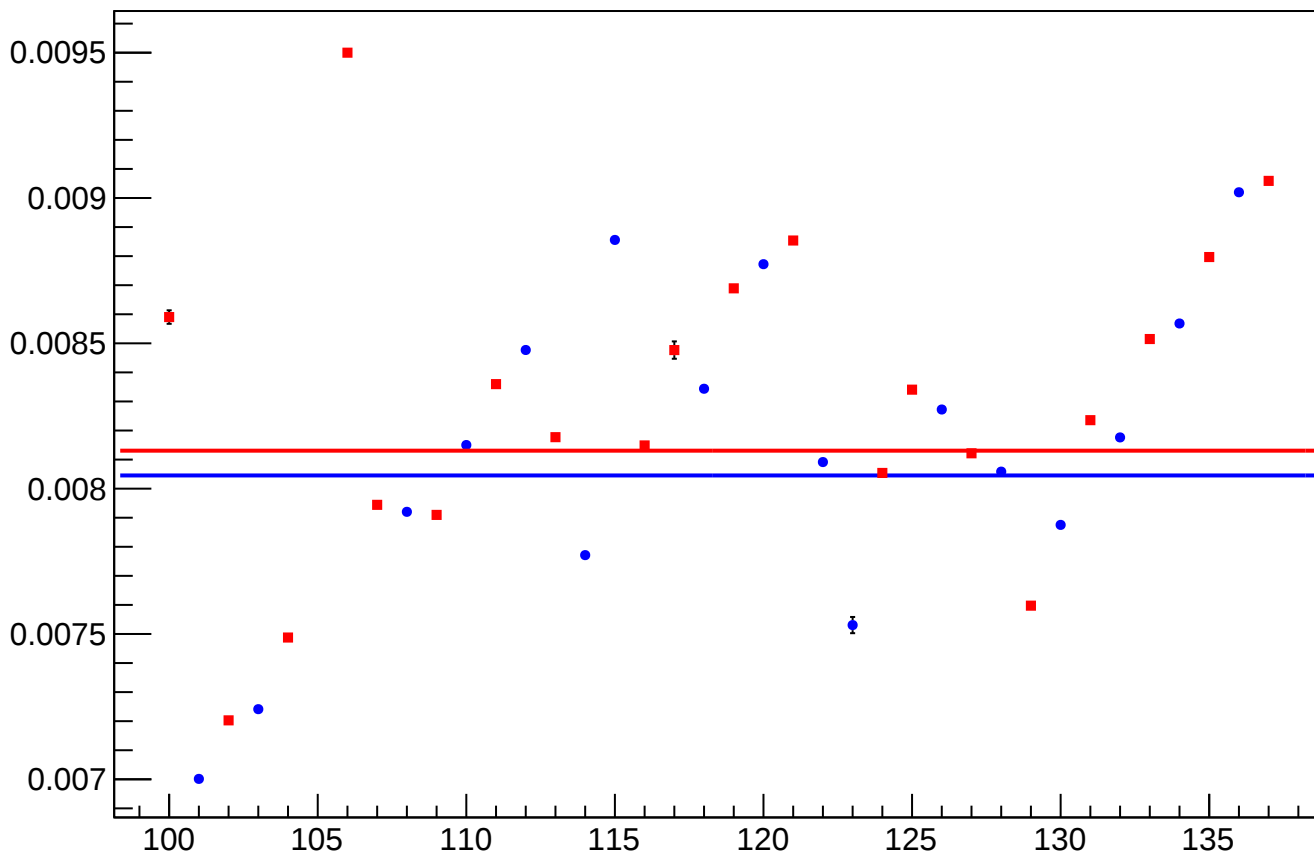
Right Out: -3.522+/-0.000 χ^2/NDF : 26497611752.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.484+/-0.000 χ^2/NDF : 27174302276.9/16

-3.522+/-0.000 χ^2/NDF : 26497611752.4/19

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 71989.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

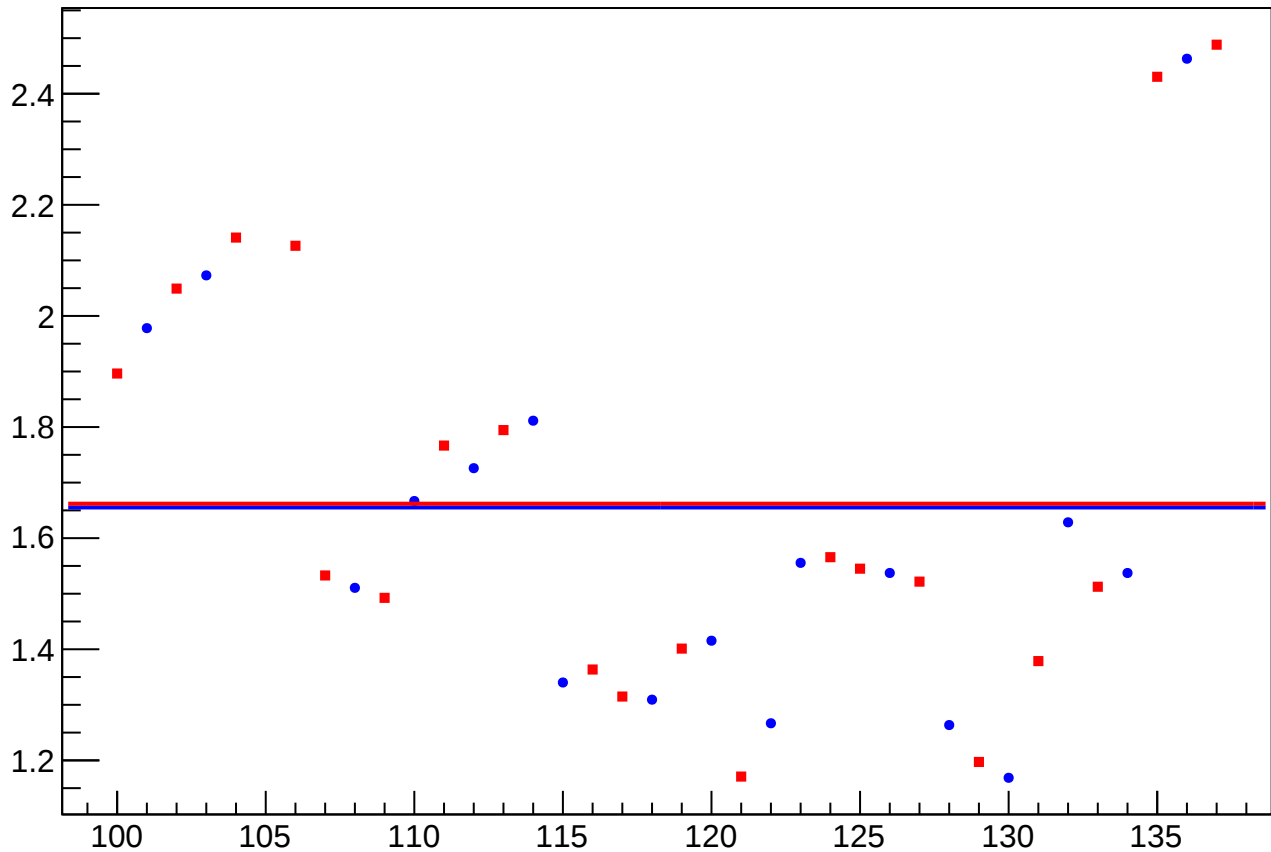
Right Out: 0.008+/-0.000 χ^2/NDF : 57613.2/19

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 : 57613.2/19

yield_bpm0i02aX_mean vs Slug



Right In: 1.655+/-0.000 χ^2/NDF : 6476474909.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

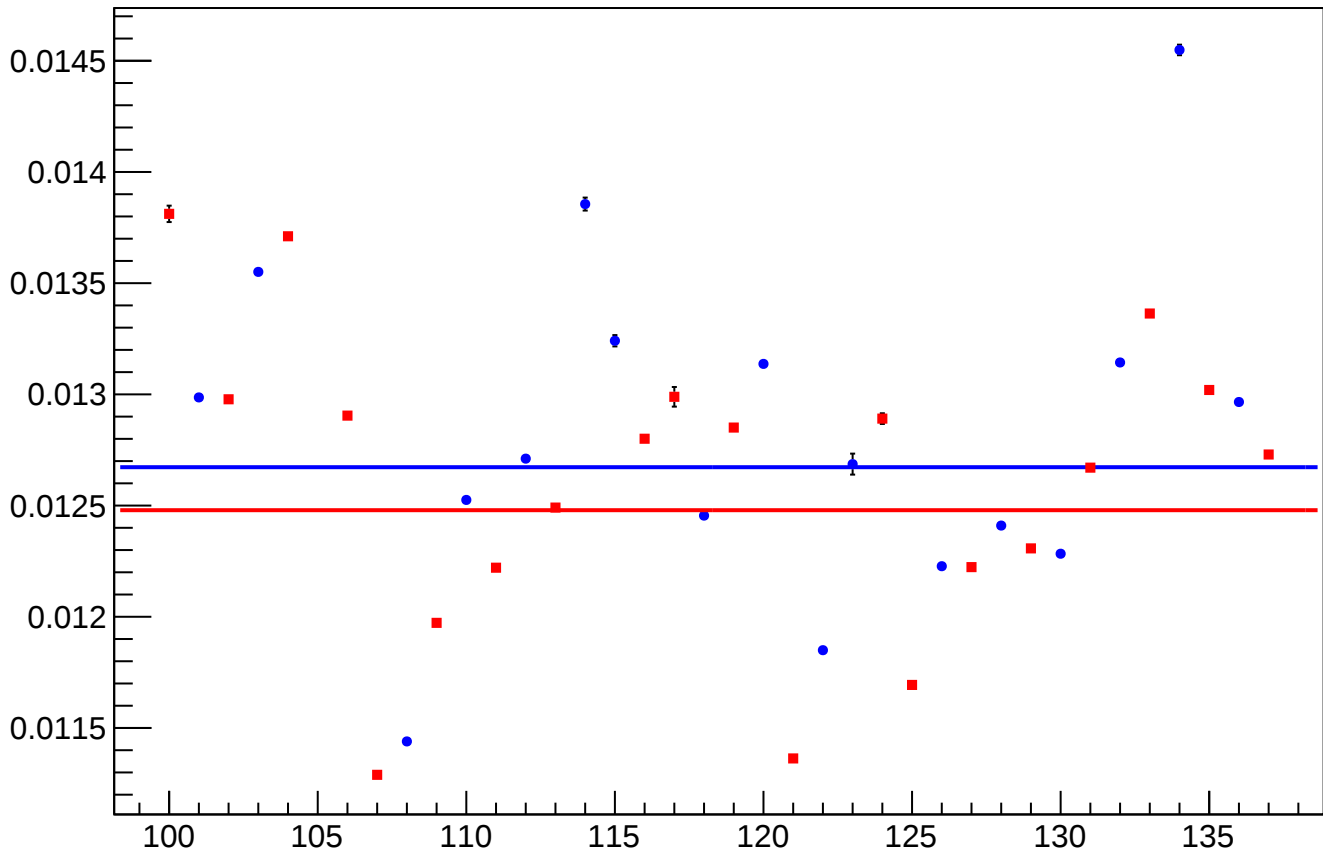
Right Out: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.655+/-0.000 χ^2/NDF : 6476474909.3/16

1.662+/-0.000 χ^2/NDF : 5975345573.0/19

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 31801.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

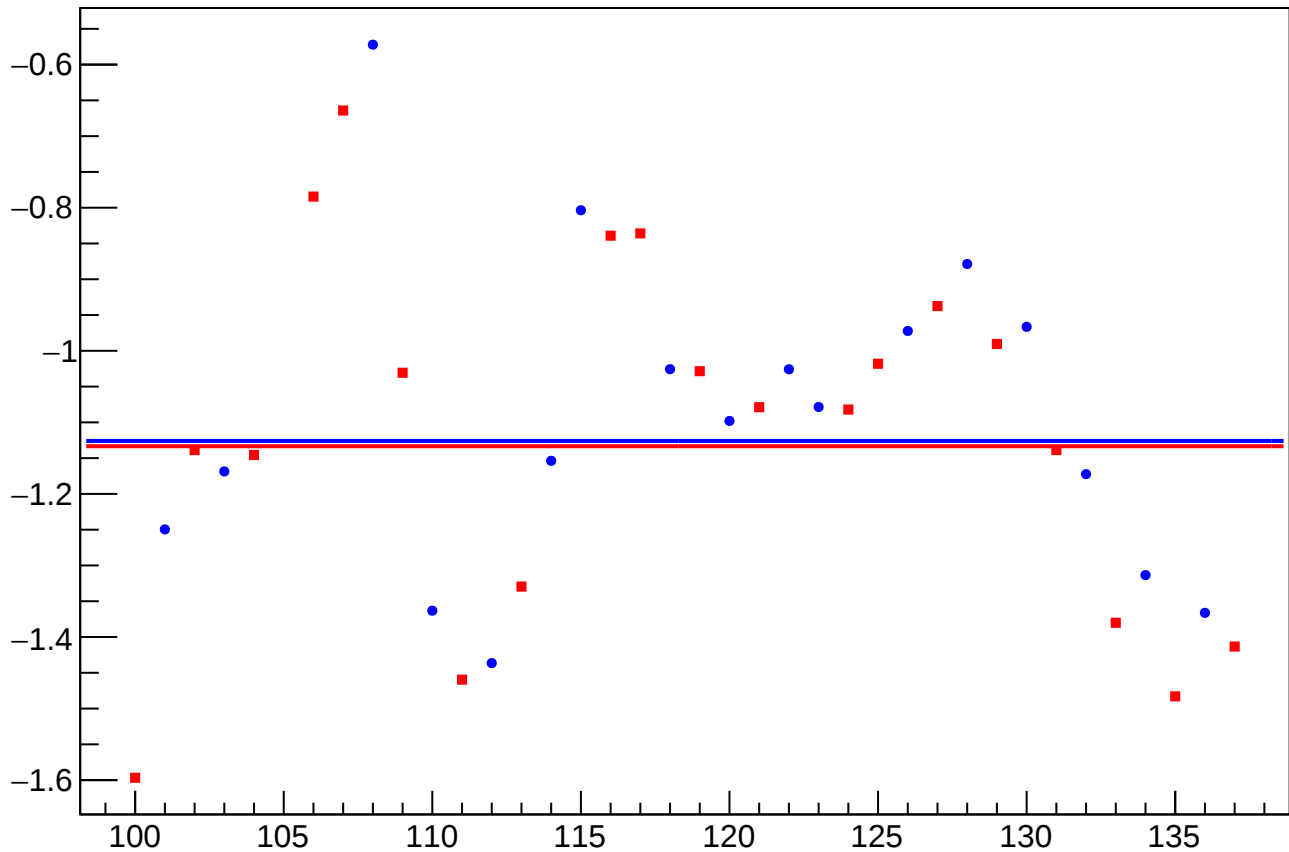
Right Out: 0.012+/-0.000 χ^2/NDF : 39268.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 31801.3/16

0.012+/-0.000 χ^2/NDF : 39268.9/19

yield_bpm0i02aY_mean vs Slug



Right In: -1.126+/-0.000 χ^2/NDF : 3574776639.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

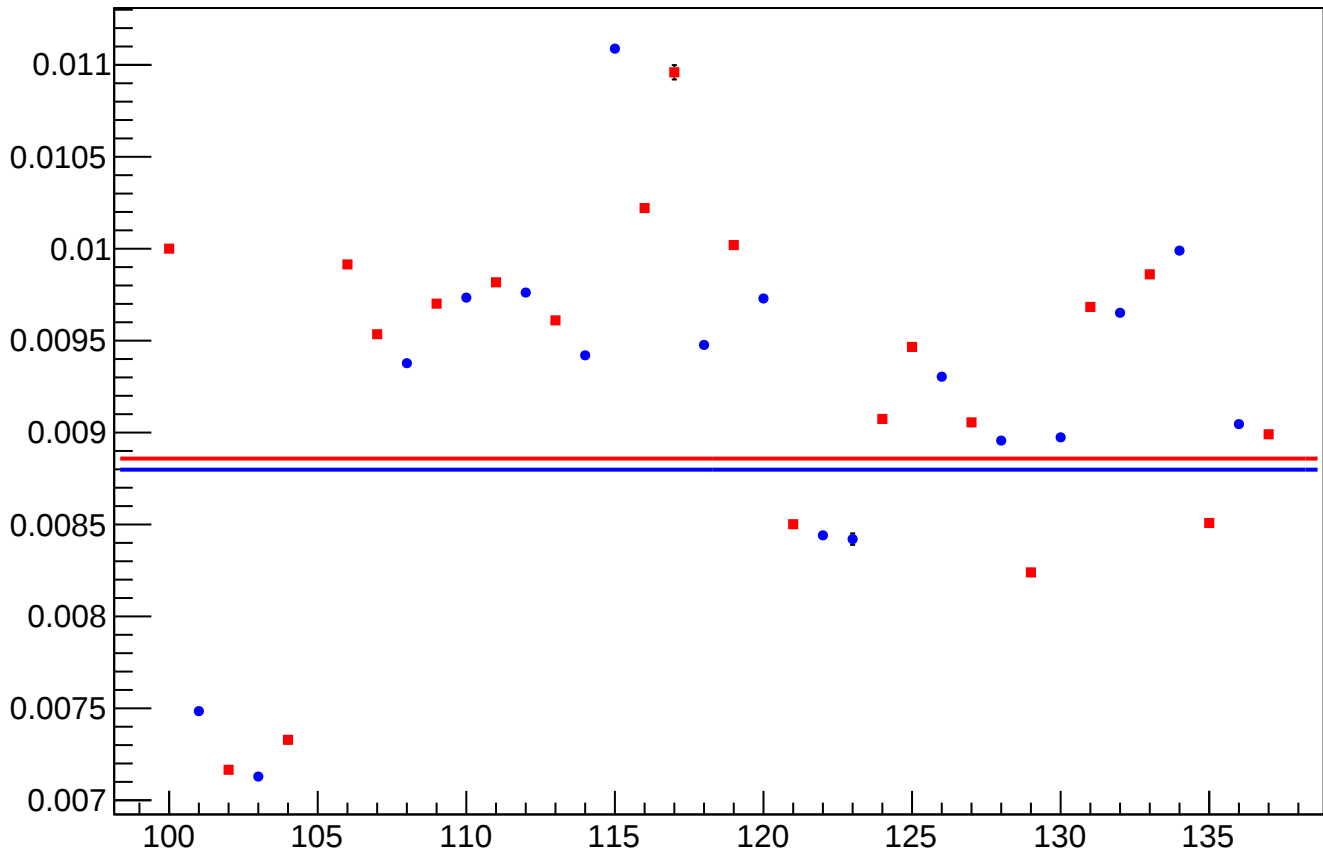
Right Out: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.126+/-0.000 χ^2/NDF : 3574776639.2/16

-1.133+/-0.000 χ^2/NDF : 3706528266.7/19

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 151586.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

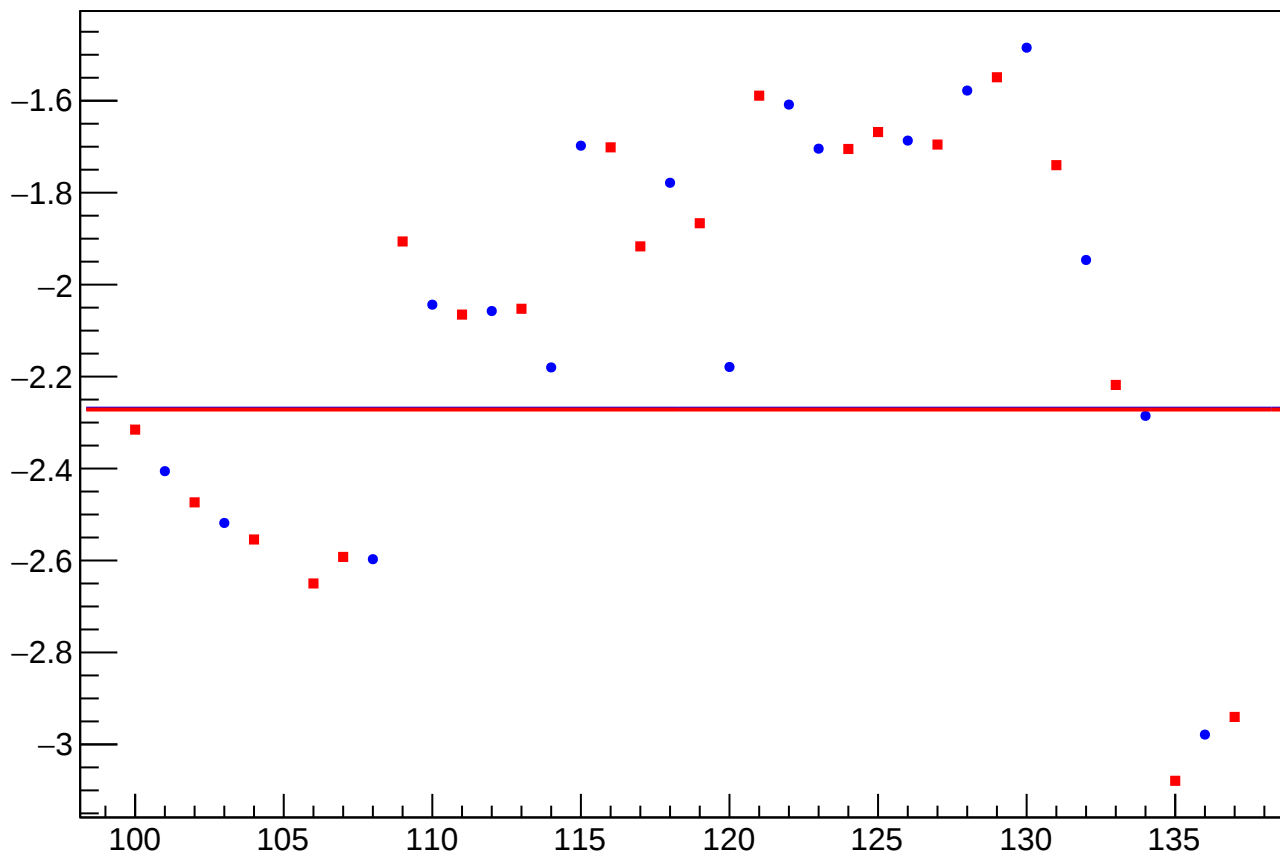
Right Out: 0.009+/-0.000 χ^2/NDF : 176858.0/19

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 : 176858.0/19

yield_bpm0i05X_mean vs Slug



Right In: -2.270+/-0.000 χ^2/NDF : 17408567065.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

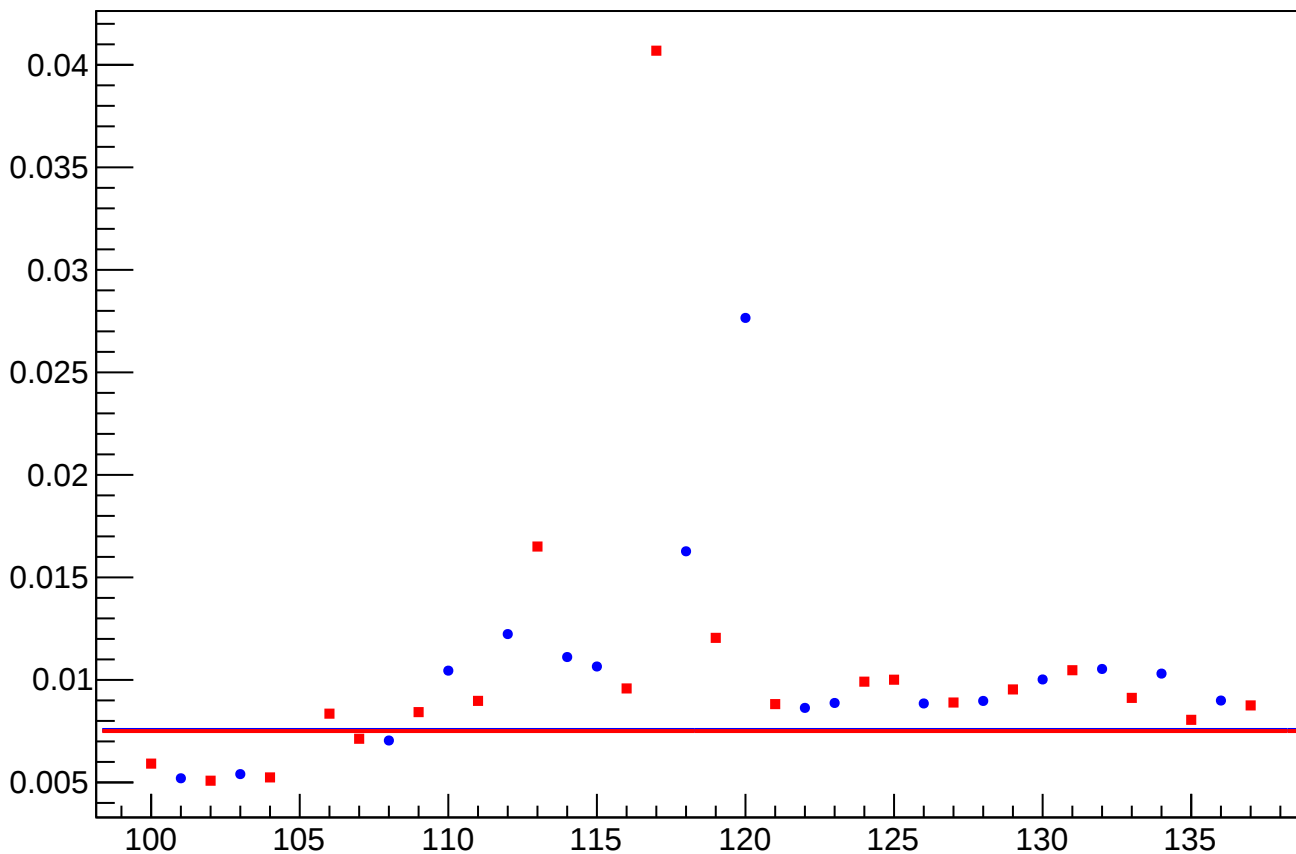
Right Out: -2.272+/-0.000 χ^2/NDF : 19012236430.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.270+/-0.000 χ^2/NDF : 17408567065.9/16

-2.272+/-0.000 χ^2/NDF : 19012236430.2/19

yield_bpm0i05X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1221004.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

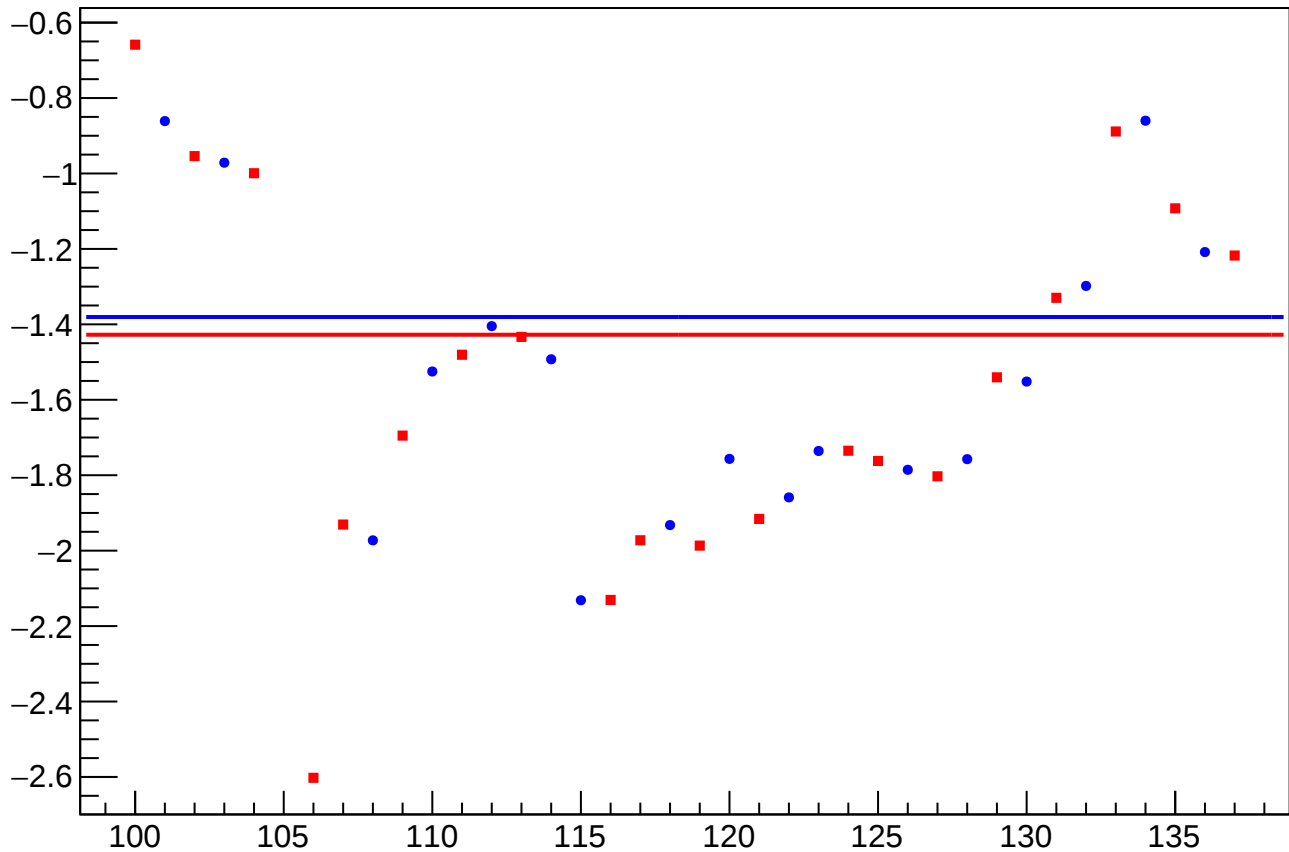
Right Out: 0.008+/-0.000 χ^2/NDF : 984811.6/19

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 : 984811.6/19

yield_bpm0i05Y_mean vs Slug



Right In: -1.381+/-0.000 χ^2/NDF : 20001018652.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

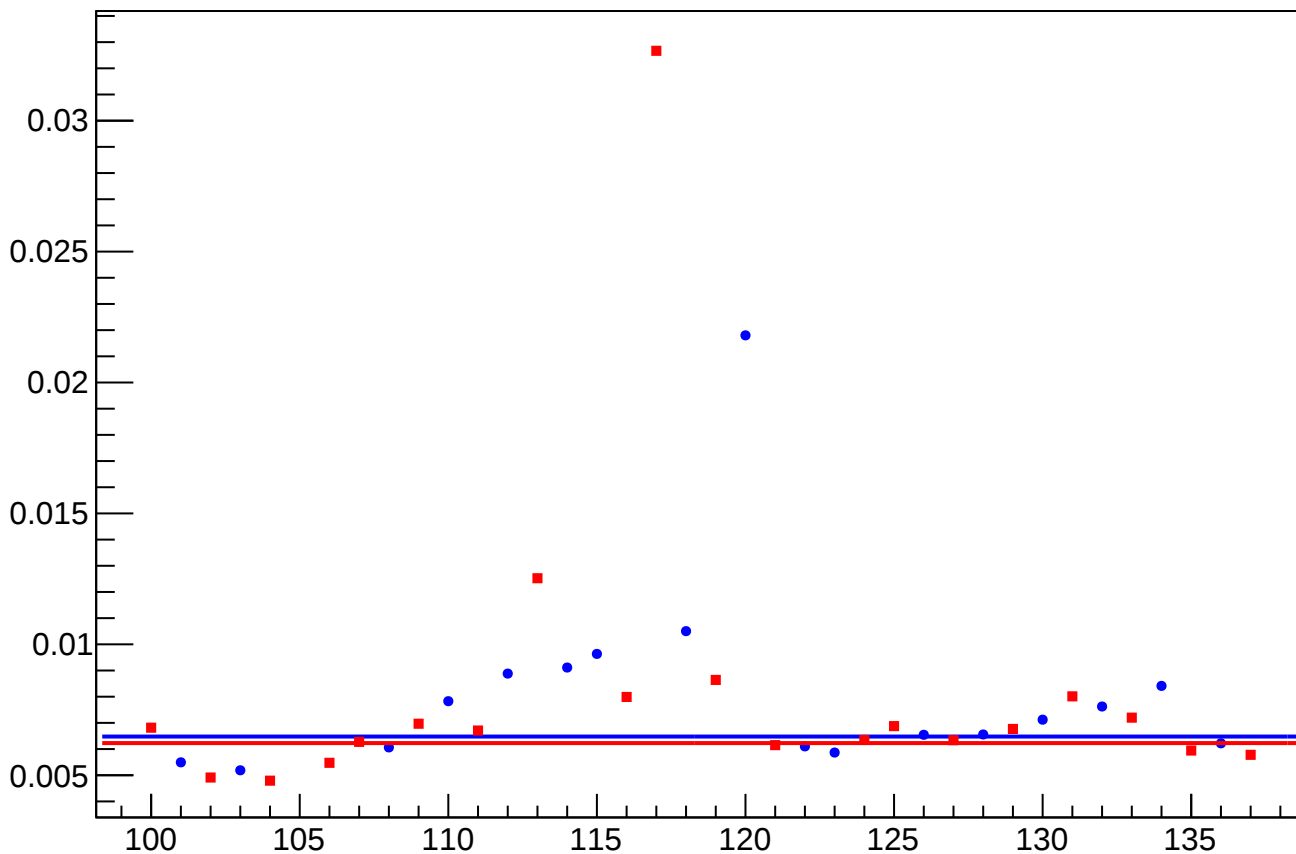
Right Out: -1.428+/-0.000 χ^2/NDF : 29626603581.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.381+/-0.000 χ^2/NDF : 20001018652.5/16

-1.428+/-0.000 χ^2/NDF : 29626603581.6/19

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 572678.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

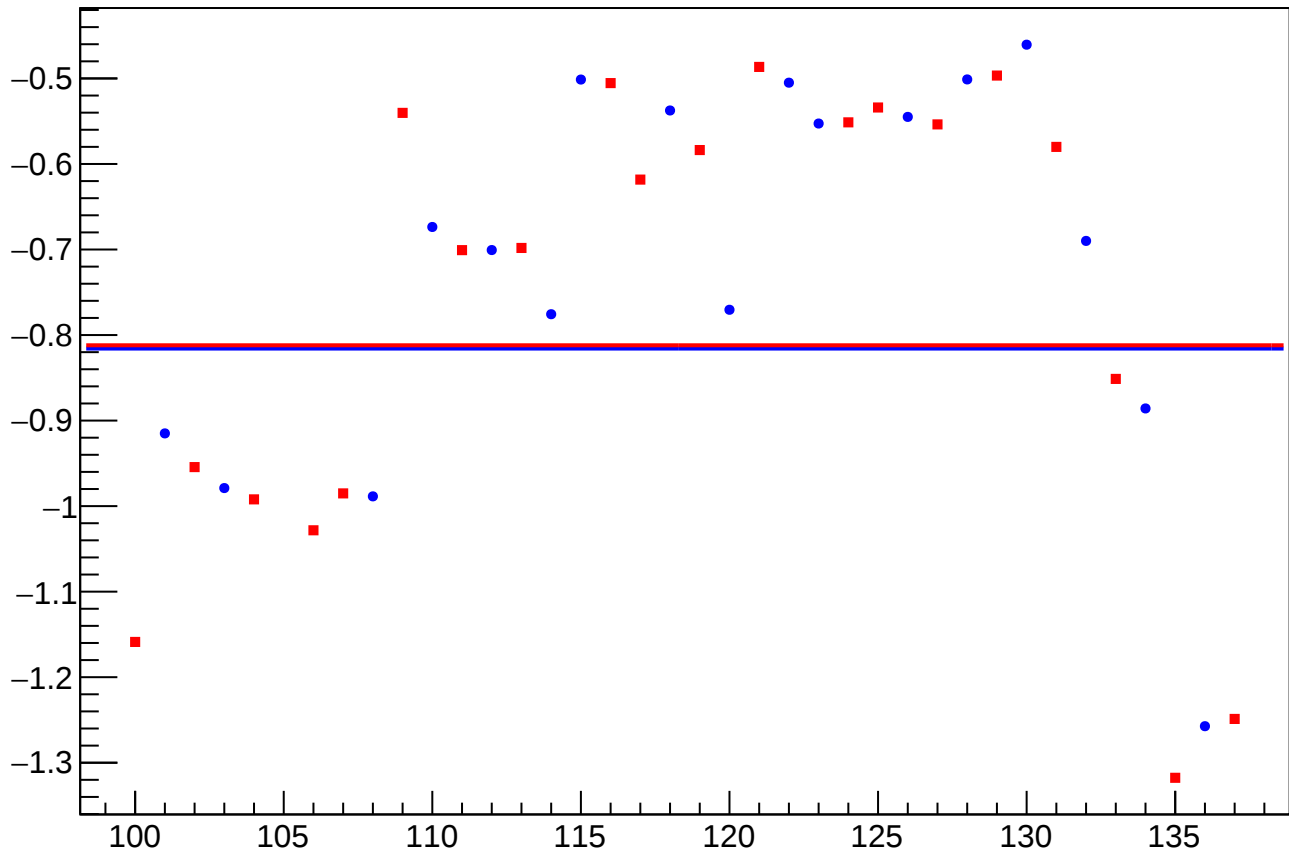
Right Out: 0.006+/-0.000 χ^2/NDF : 472534.6/19

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 : 472534.6/19

yield_bpm0i07X_mean vs Slug



Right In: -0.816+/-0.000 χ^2/NDF : 14172884795.2/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

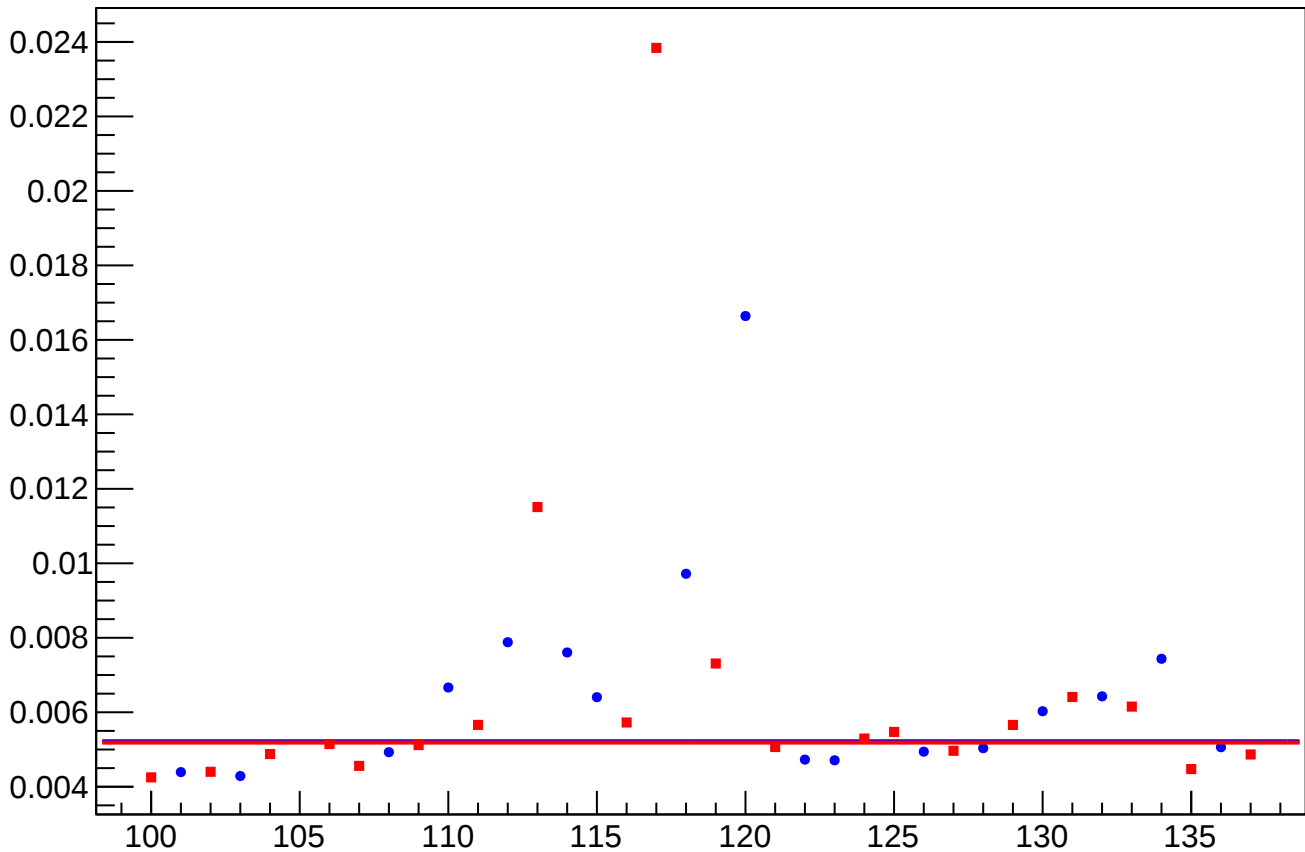
Right Out: -0.812+/-0.000 χ^2/NDF : 16818378599.3/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.816+/-0.000 χ^2/NDF : 14172884795.2/16

-0.812+/-0.000 χ^2/NDF : 16818378599.3/19

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 664386.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

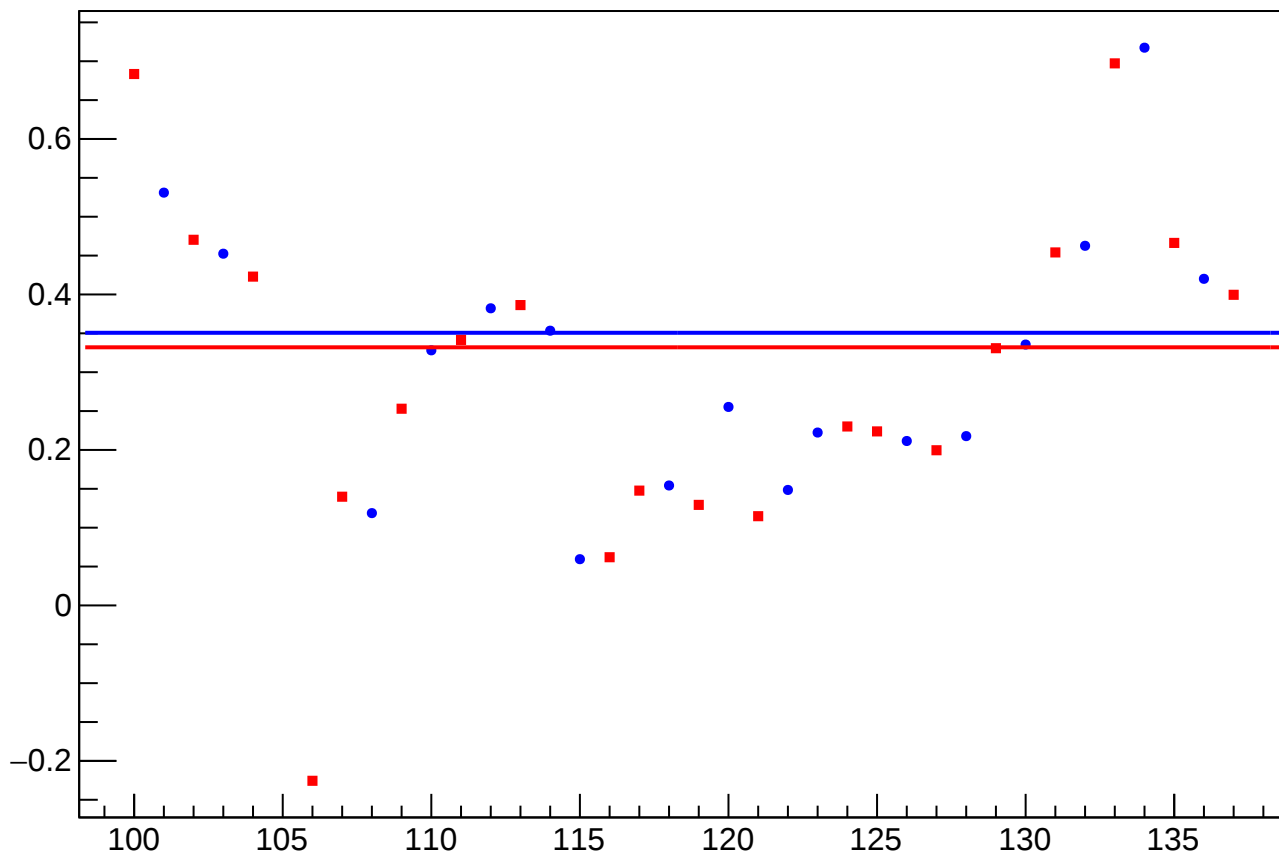
Right Out: 0.005+/-0.000 χ^2/NDF : 410640.5/19

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 : 410640.5/19

yield_bpm0i07Y_mean vs Slug



Right In: 0.351+/-0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

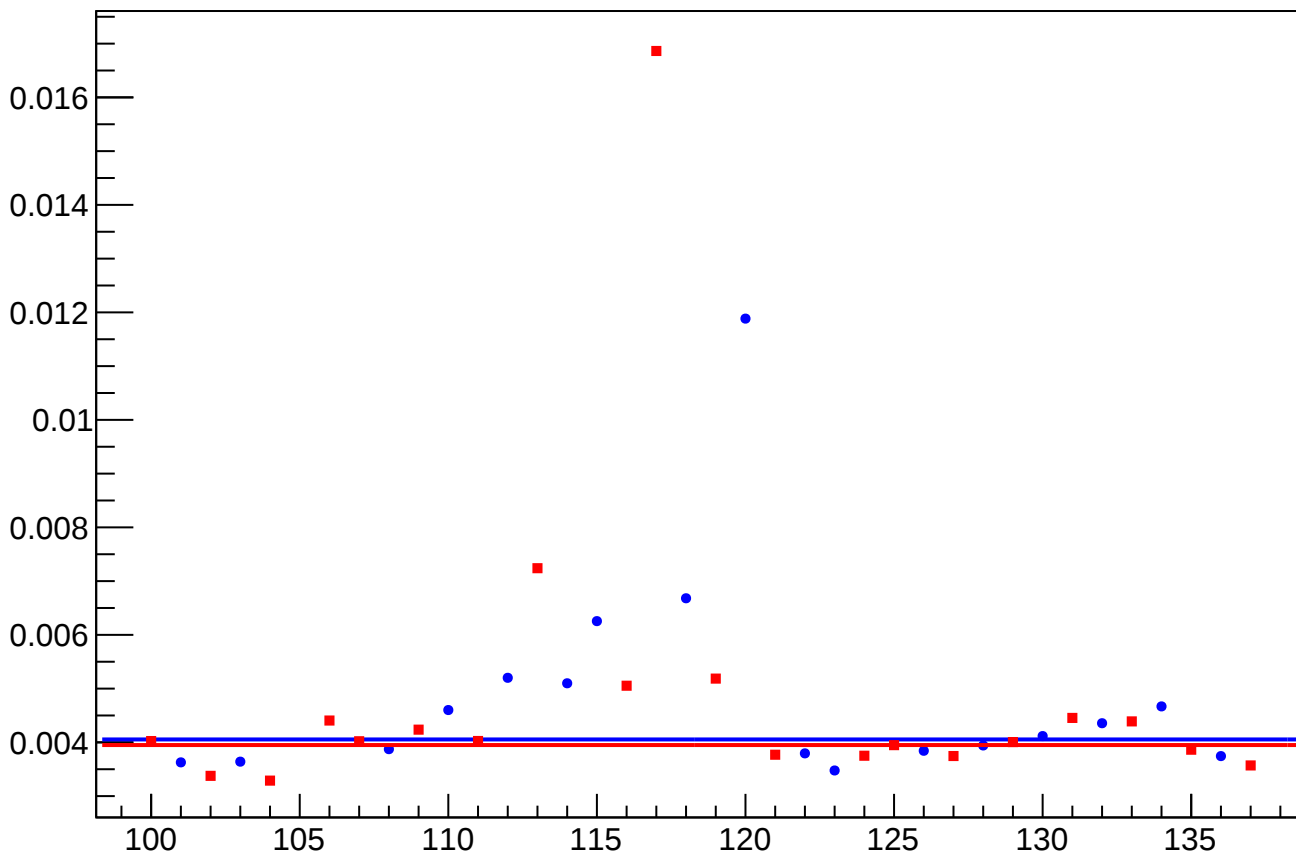
Right Out: 0.332+/-0.000 χ^2/NDF : 11800695210.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.351+/-0.000 χ^2/NDF : 7410859446.3/16

0.332+/-0.000 χ^2/NDF : 11800695210.2/19

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 455318.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

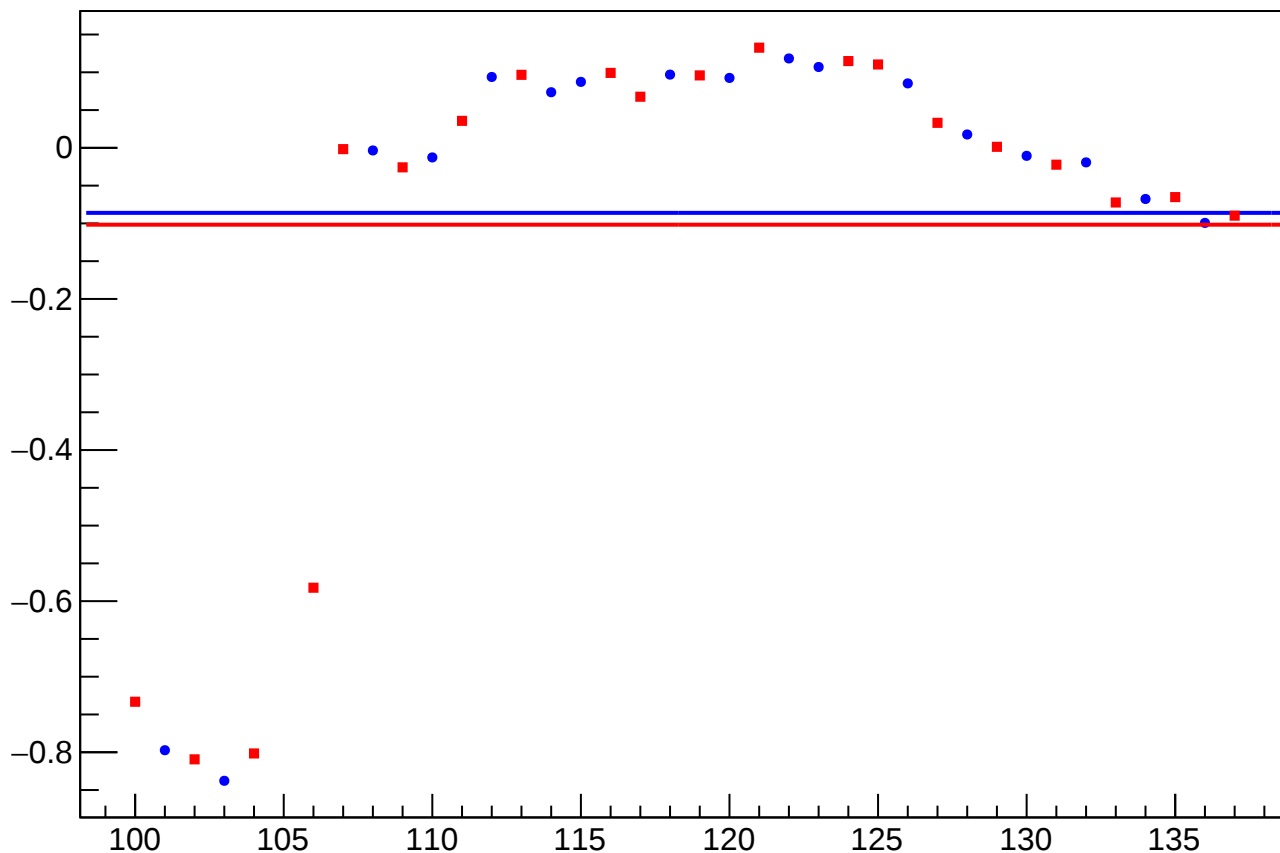
Right Out: 0.004+/-0.000 χ^2/NDF : 304954.7/19

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 : 304954.7/19

yield_bpm1i02X_mean vs Slug



Right In: -0.086+/-0.000 χ^2/NDF : 4989387592.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

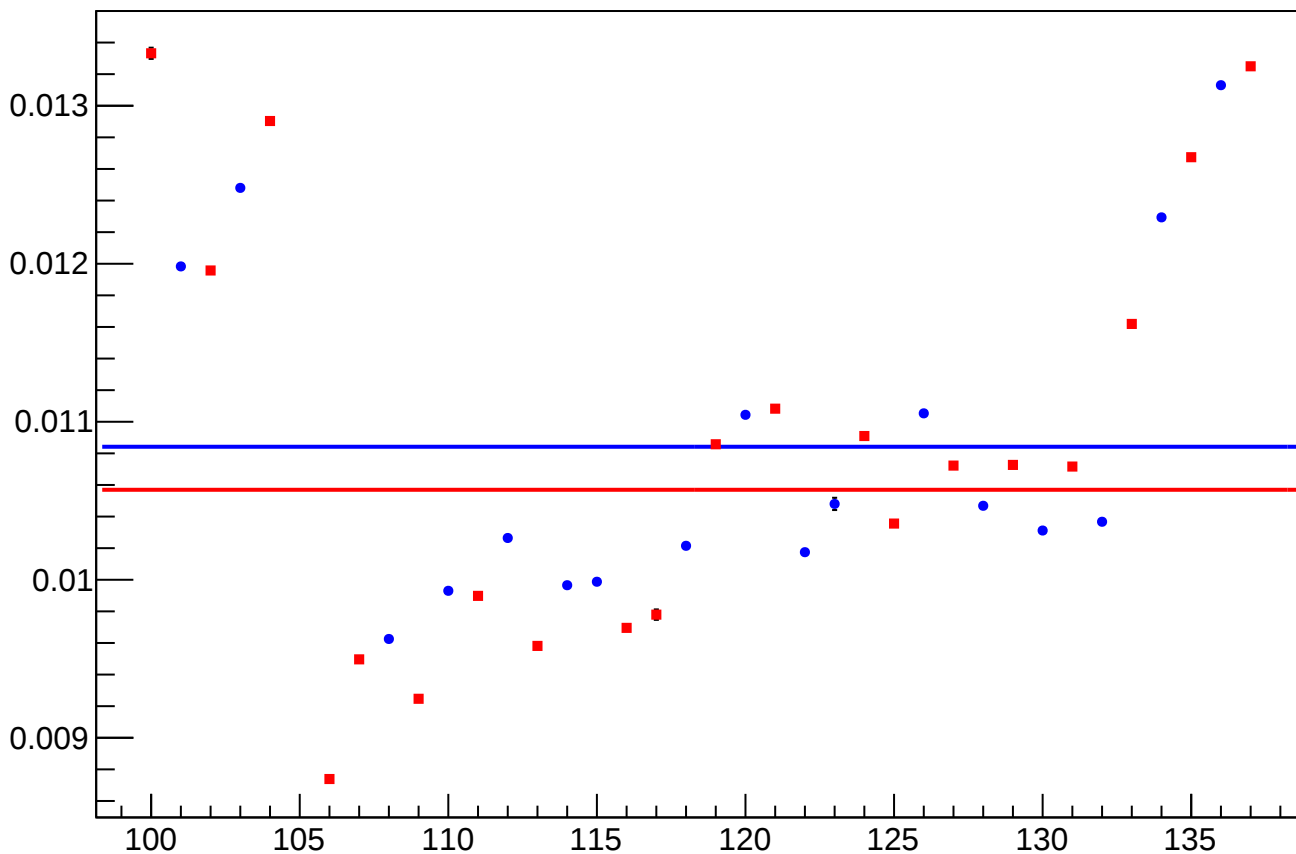
Right Out: -0.102+/-0.000 χ^2/NDF : 5566142794.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.086+/-0.000 χ^2/NDF : 4989387592.7/16

-0.102+/-0.000 χ^2/NDF : 5566142794.2/19

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 124260.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

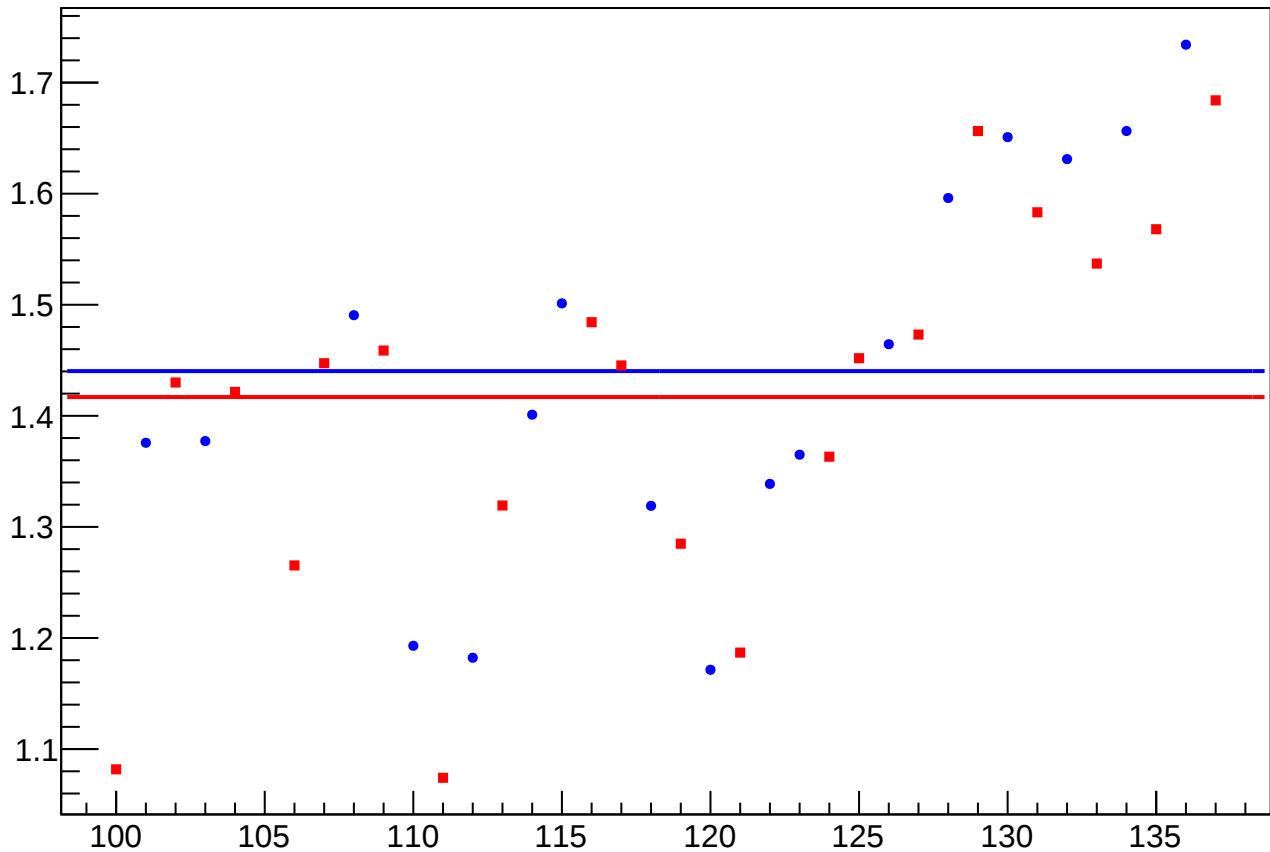
Right Out: 0.011+/-0.000 χ^2/NDF : 179537.7/19

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 : 179537.7/19

yield_bpm1i02Y_mean vs Slug



Right In: 1.440+/-0.000 χ^2/NDF : 3449252780.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

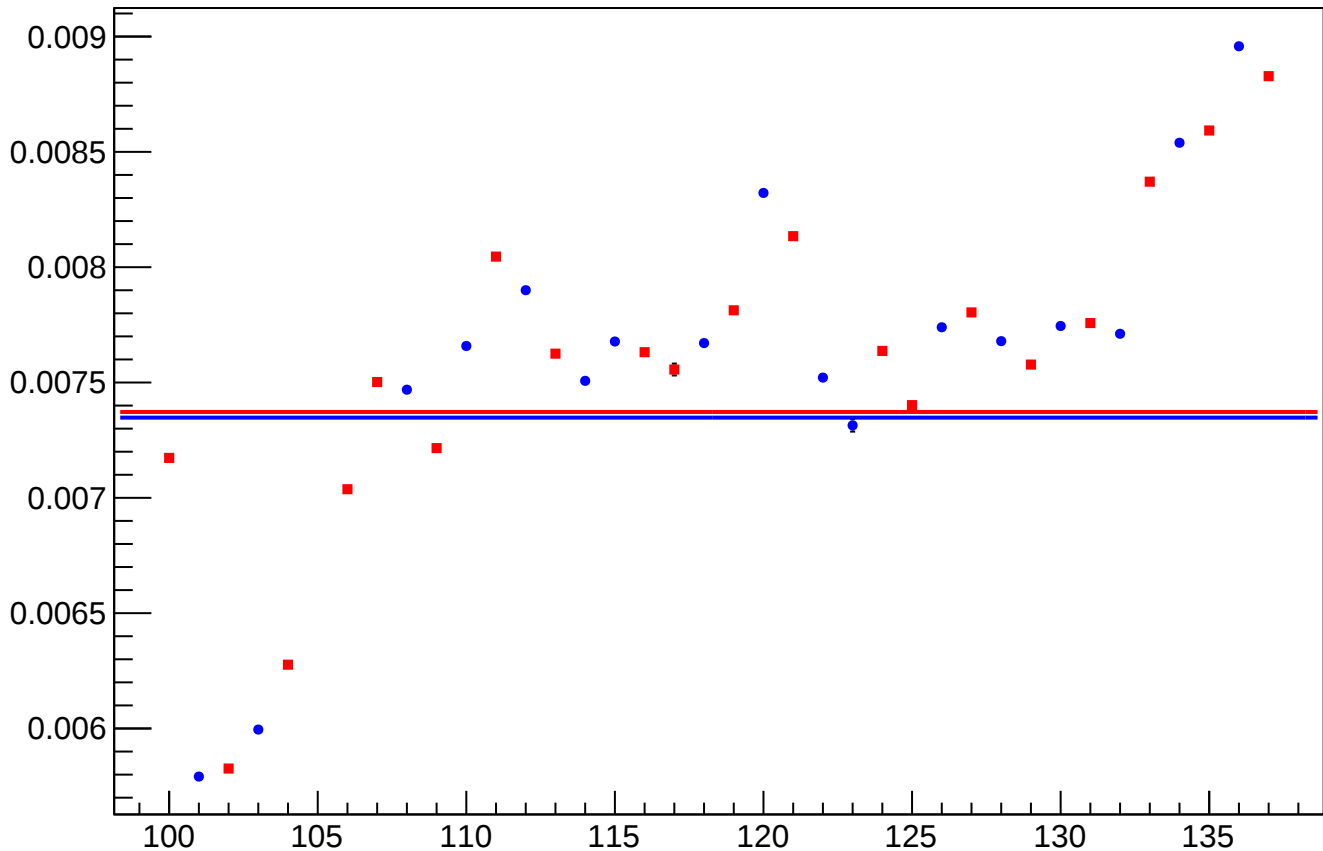
1.440+/-0.000 χ^2/NDF : 3449252780.8/16

Right Out: 1.417+/-0.000 χ^2/NDF : 2674679406.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.417+/-0.000 χ^2/NDF : 2674679406.4/19

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 228163.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

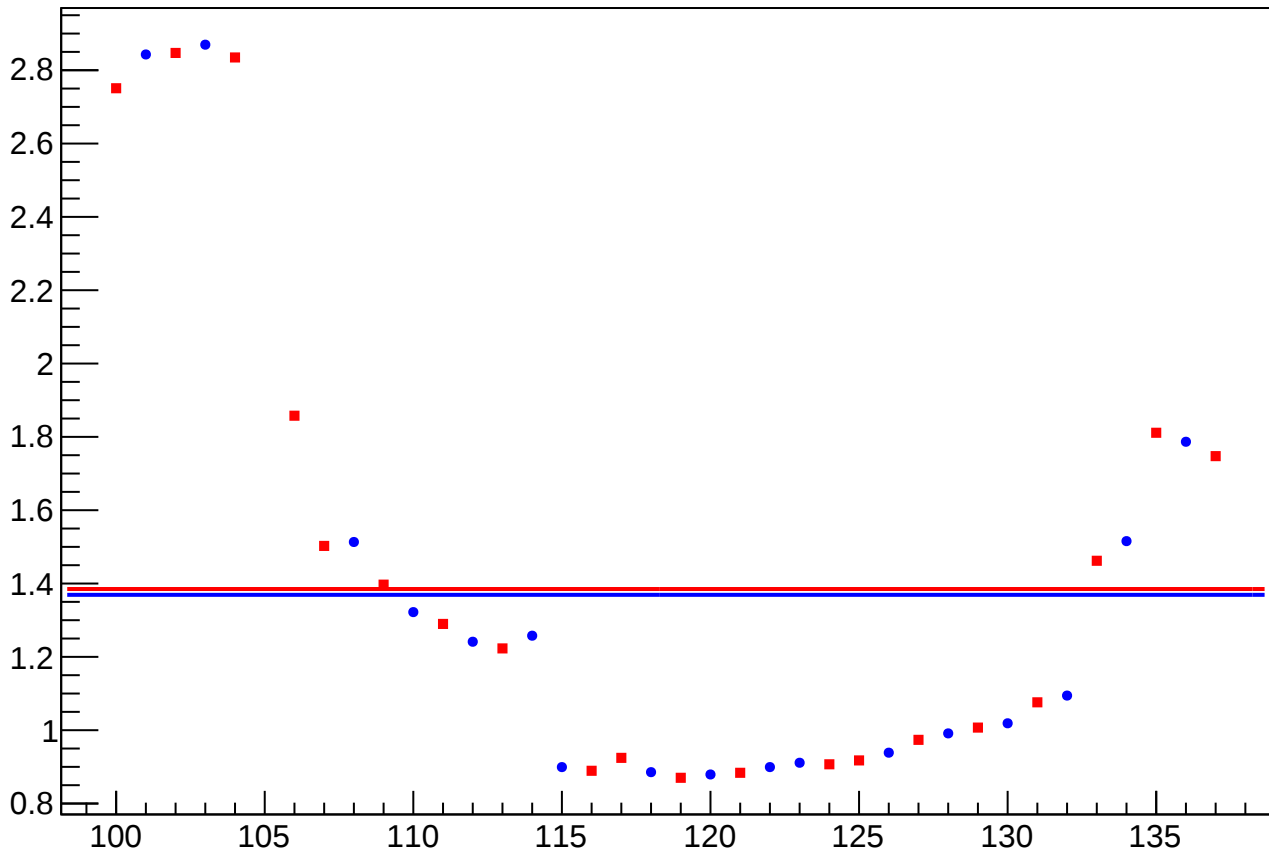
Right Out: 0.007+/-0.000 χ^2/NDF : 172741.0/19

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 : 172741.0/19

yield_bpm1i04X_mean vs Slug



Right In: 1.369+/-0.000 χ^2/NDF : 54205395389.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

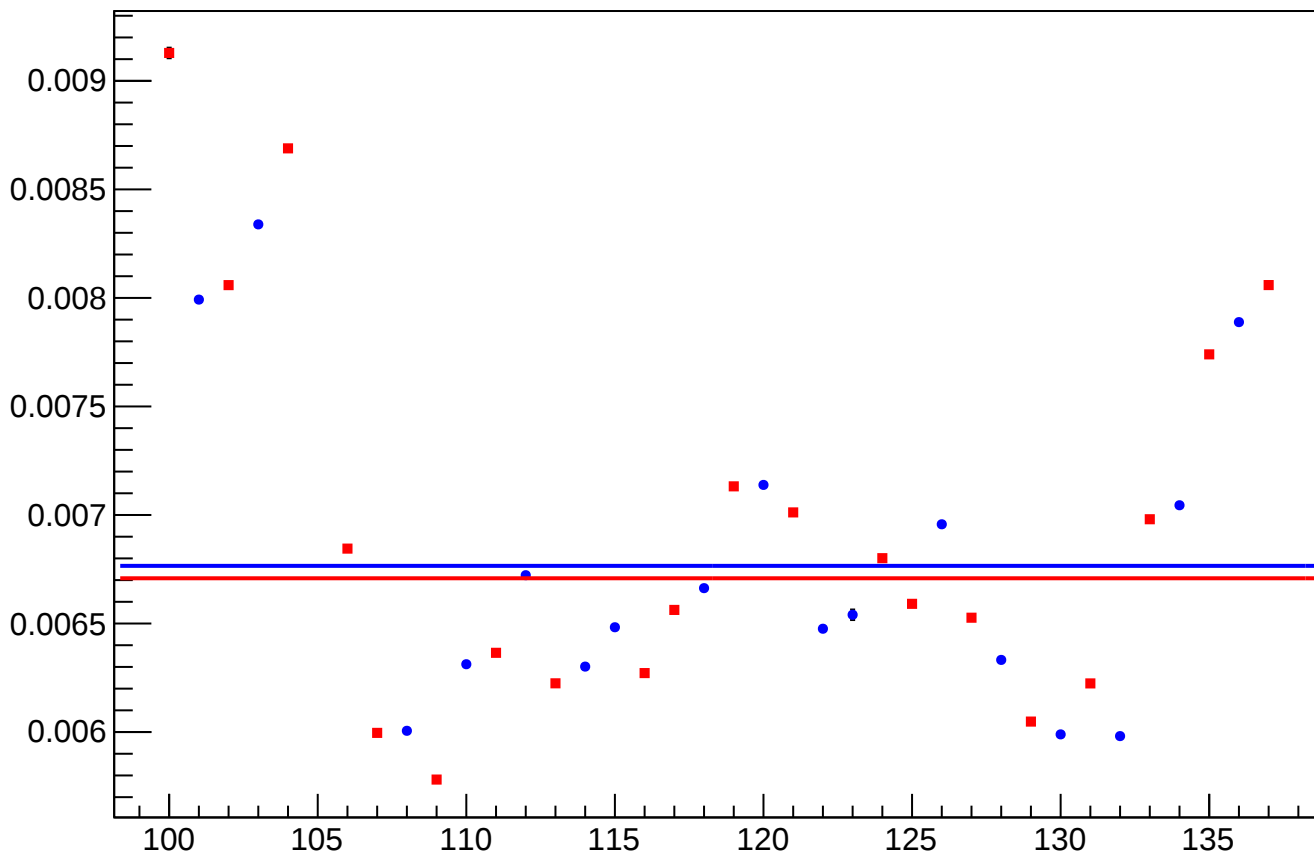
1.369+/-0.000 χ^2/NDF : 54205395389.8/16

Right Out: 1.385+/-0.000 χ^2/NDF : 50114562617.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.385+/-0.000 χ^2/NDF : 50114562617.6/19

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 159554.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

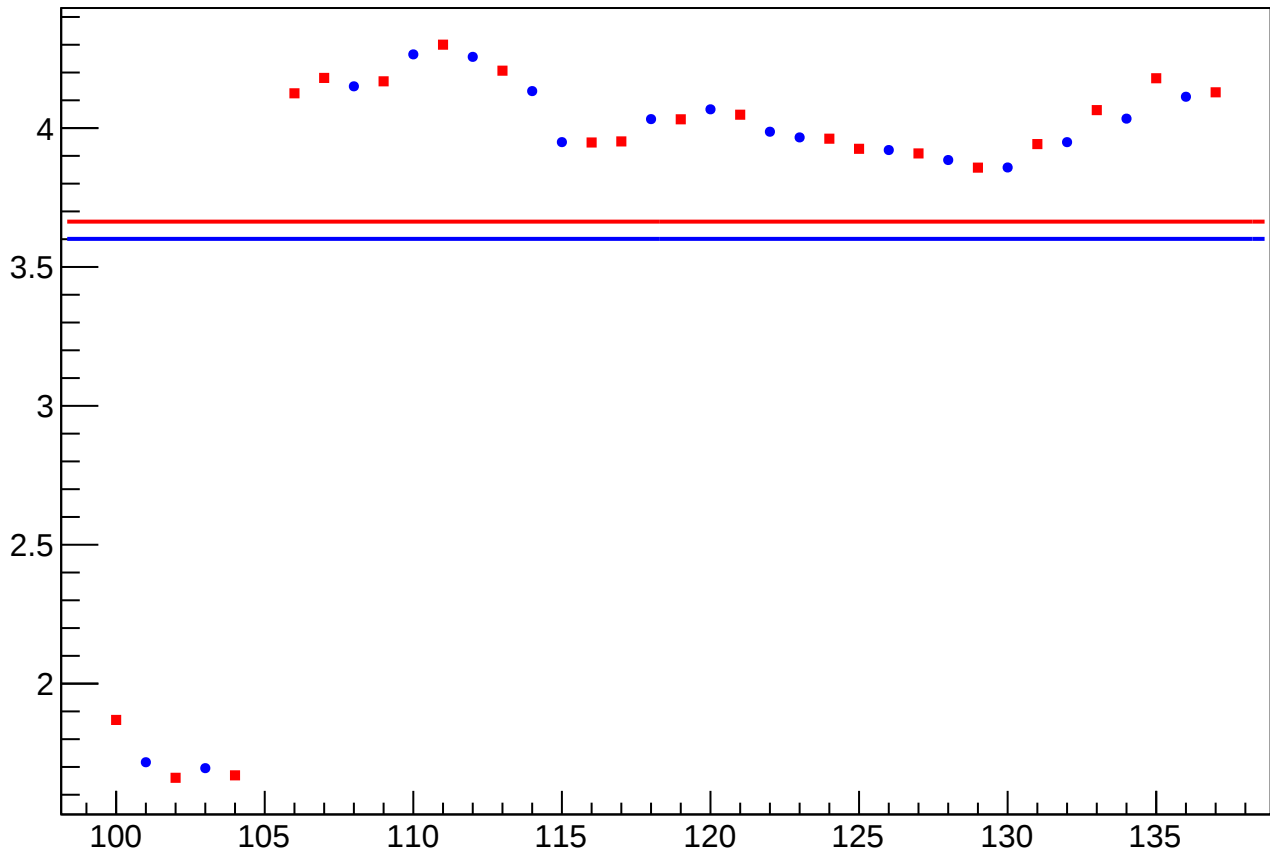
Right Out: 0.007+/-0.000 χ^2/NDF : 187869.7/19

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 : 187869.7/19

yield_bpm1i04Y_mean vs Slug



Right In: 3.601+/-0.000 χ^2/NDF : 185806937655.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

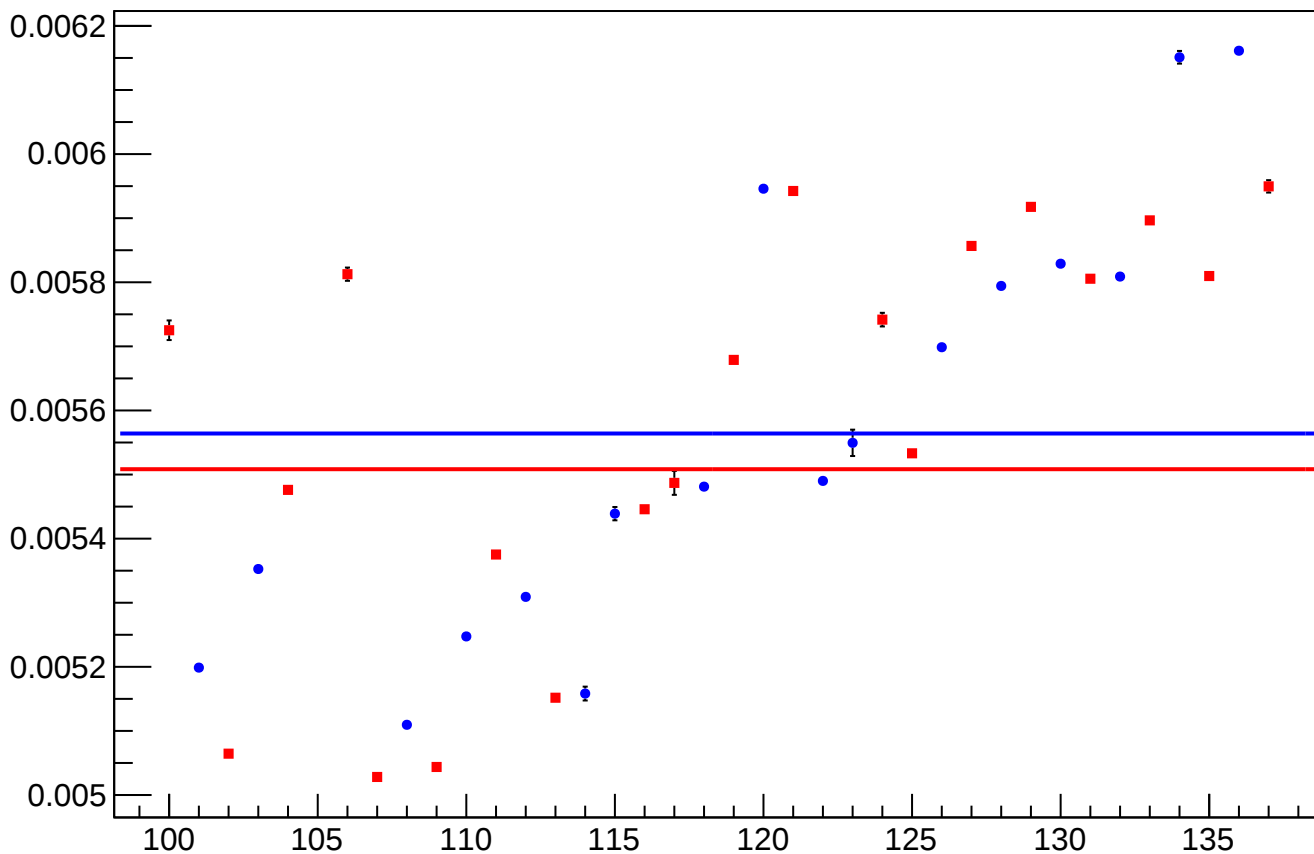
3.601+/-0.000 χ^2/NDF : 185806937655.3/16

Right Out: 3.663+/-0.000 χ^2/NDF : 192640409625.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.663+/-0.000 χ^2/NDF : 192640409625.9/19

yield_bpm1i04Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

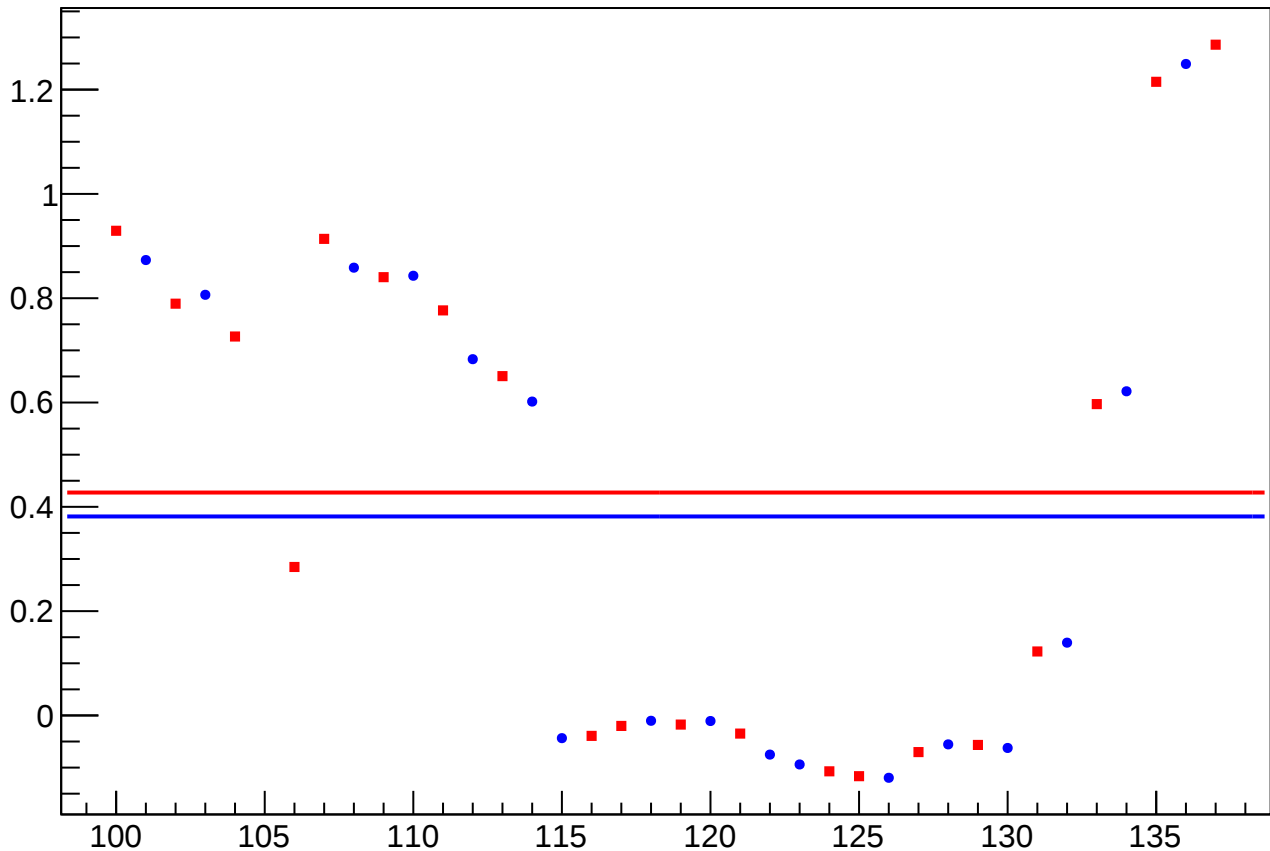
Right Out: 0.006+/-0.000 χ^2/NDF : 52636.1/19

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 : 52636.1/19

yield_bpm1i06X_mean vs Slug



Right In: 0.382+/-0.000 χ^2/NDF : 7124759123.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

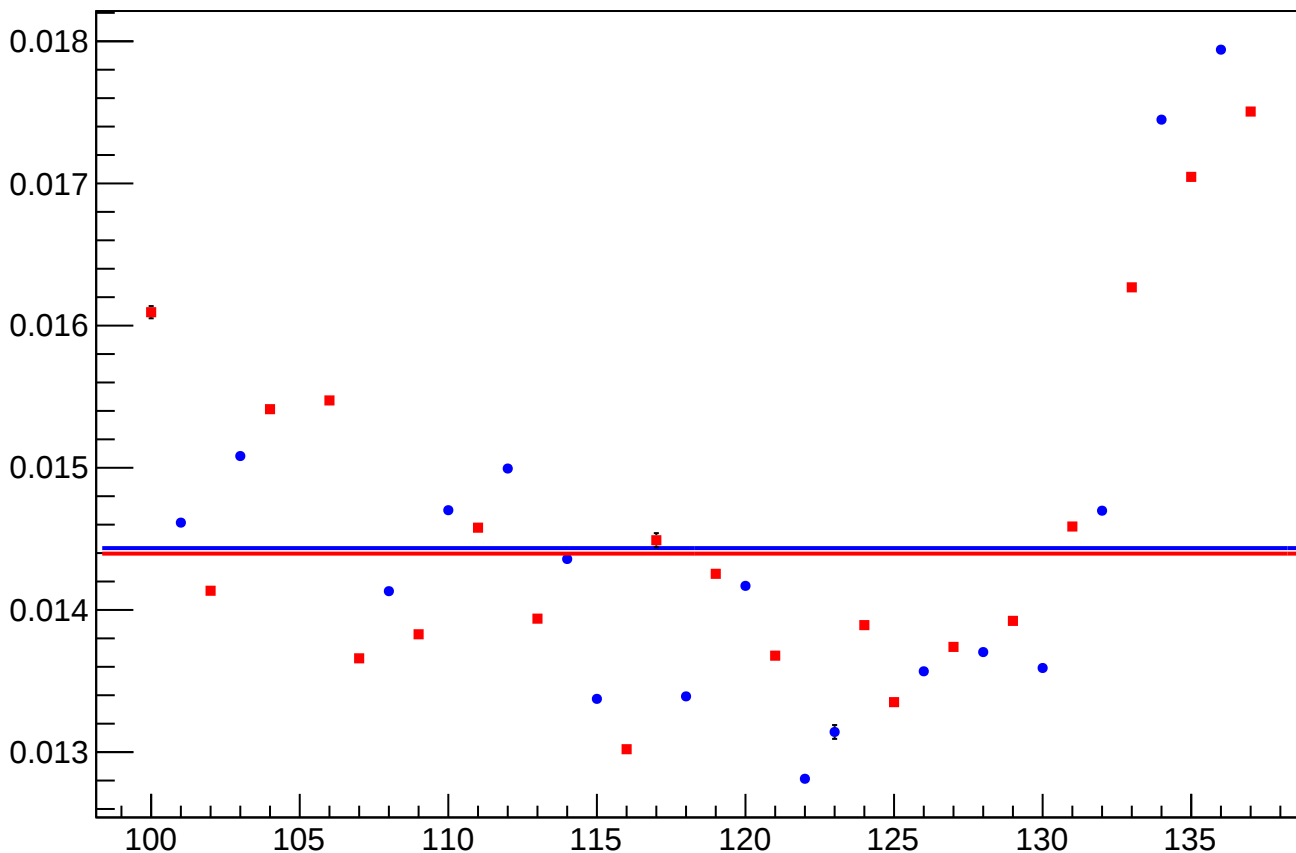
0.382+/-0.000 χ^2/NDF : 7124759123.1/16

Right Out: 0.427+/-0.000 χ^2/NDF : 6716521382.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.427+/-0.000 χ^2/NDF : 6716521382.4/19

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 110224.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

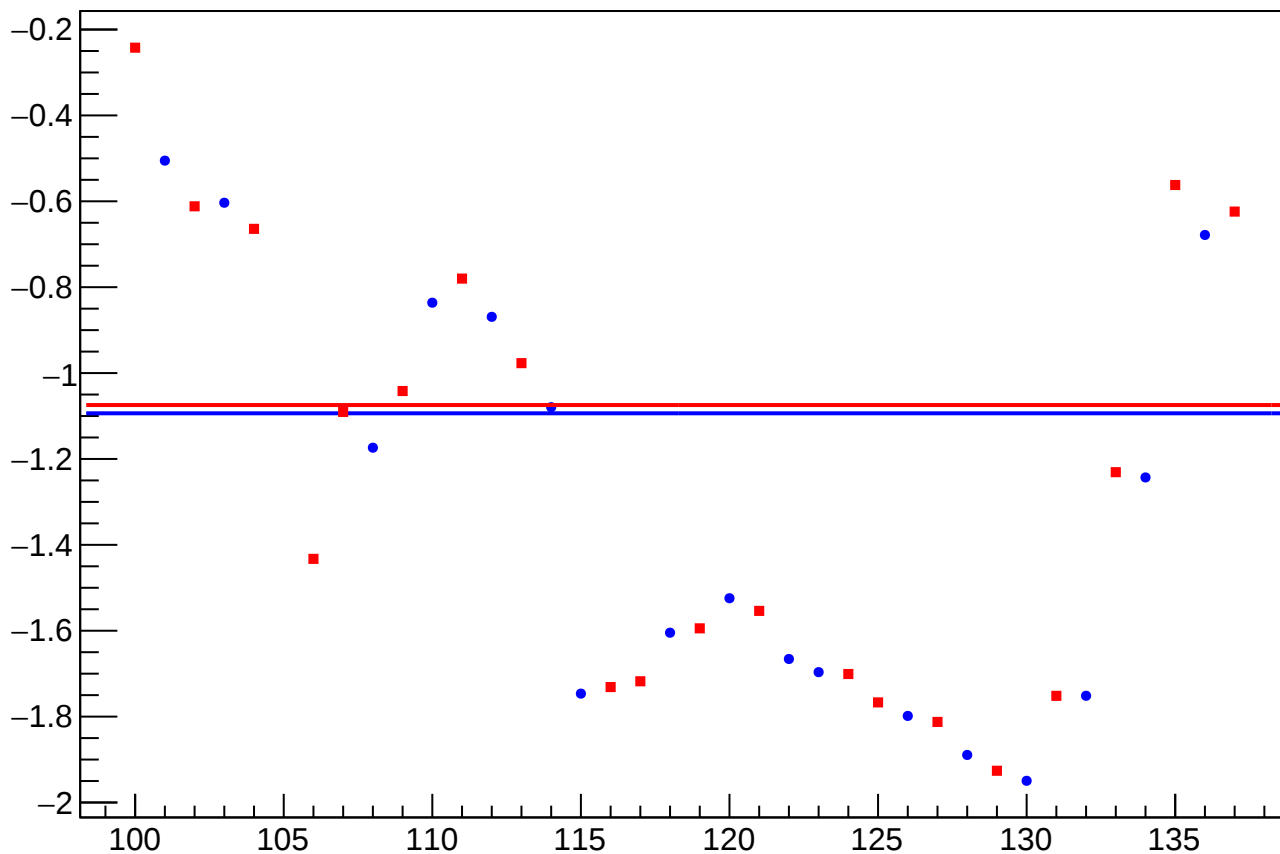
Right Out: 0.014+/-0.000 χ^2/NDF : 74535.1/19

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 : 74535.1/19

yield_bpm1i06Y_mean vs Slug



Right In: -1.094+/-0.000 χ^2/NDF : 55960104370.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

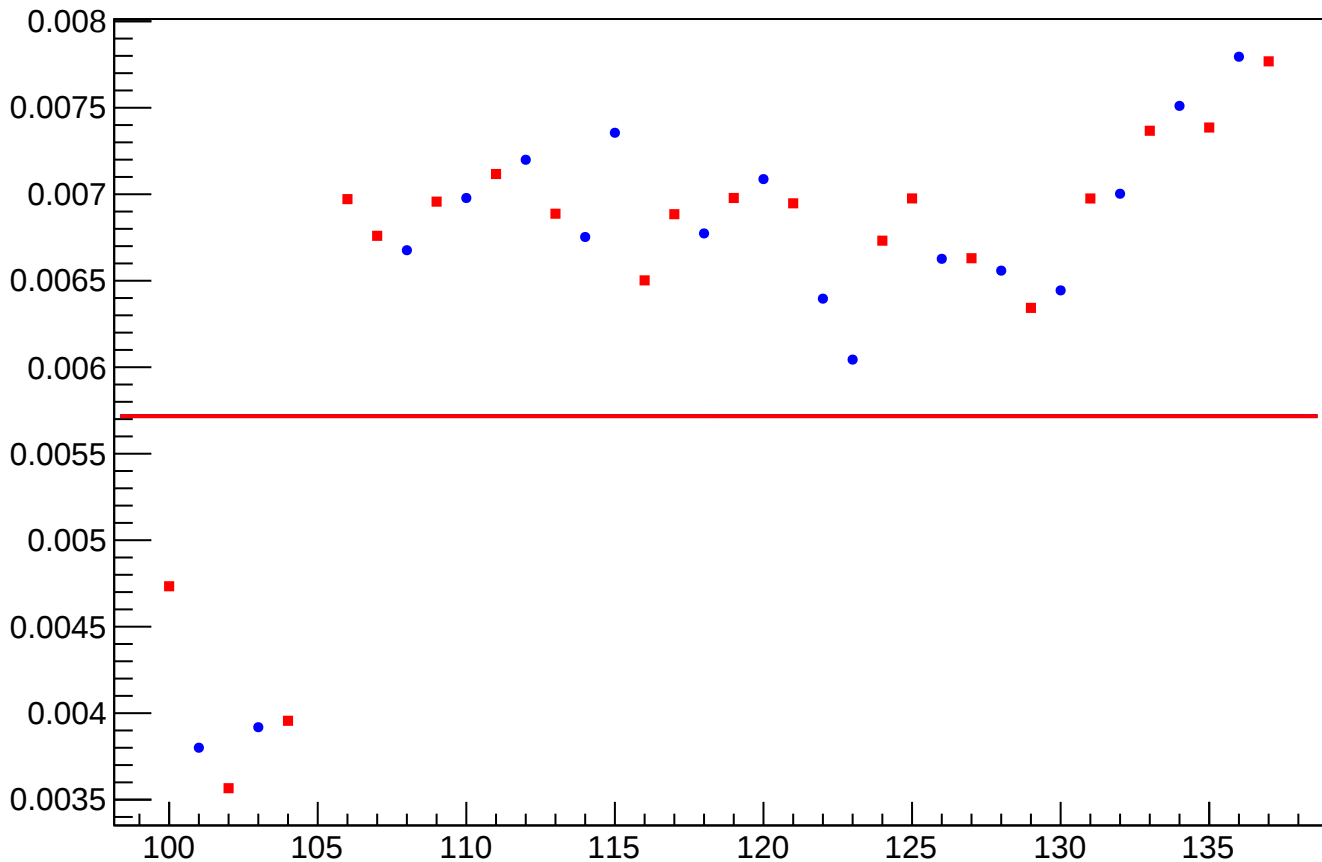
Right Out: -1.074+/-0.000 χ^2/NDF : 47208439320.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.094+/-0.000 χ^2/NDF : 55960104370.4/16

-1.074+/-0.000 χ^2/NDF : 47208439320.8/19

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 837775.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

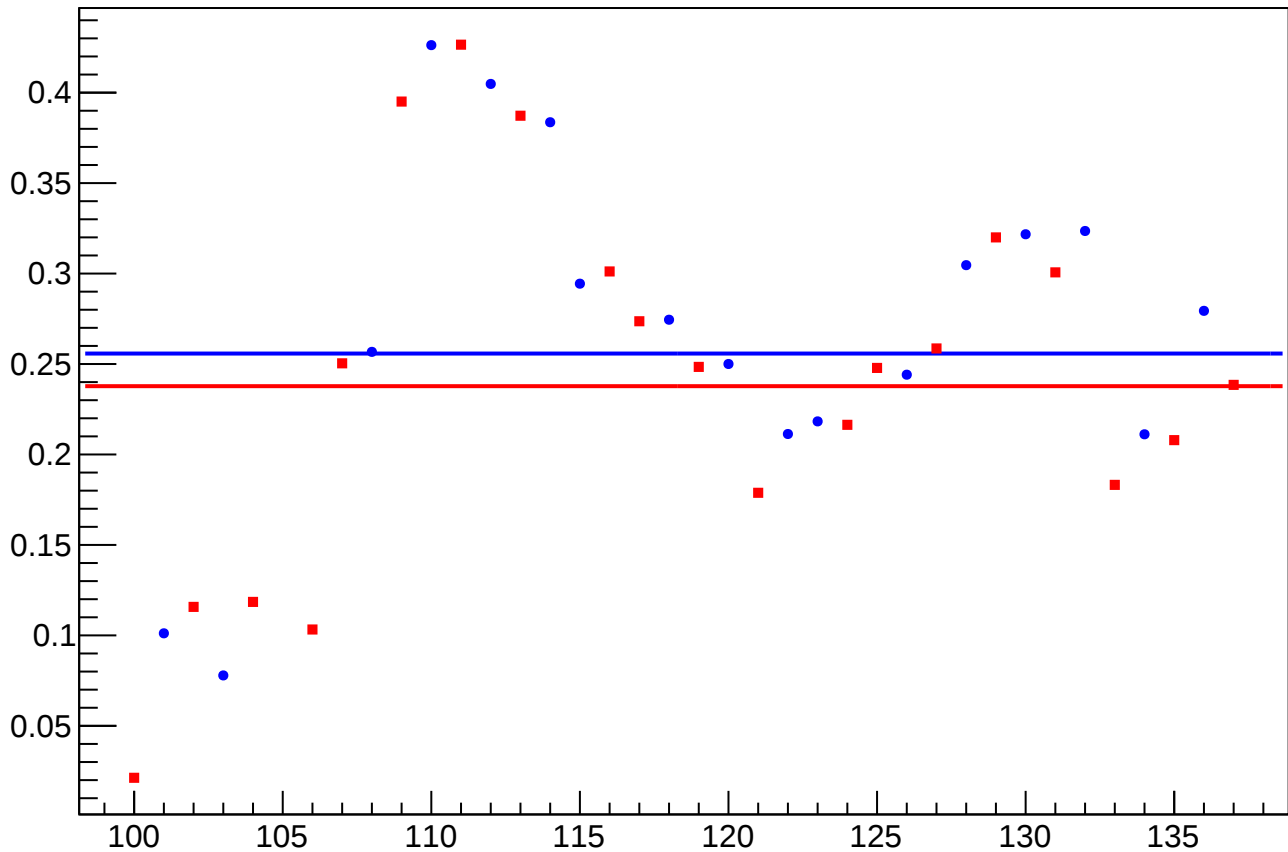
Right Out: 0.006+/-0.000 χ^2/NDF : 925957.4/19

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 : 925957.4/19

yield_bpm2i01X_mean vs Slug



Right In: 0.256+/-0.000 χ^2/NDF : 21365489849.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

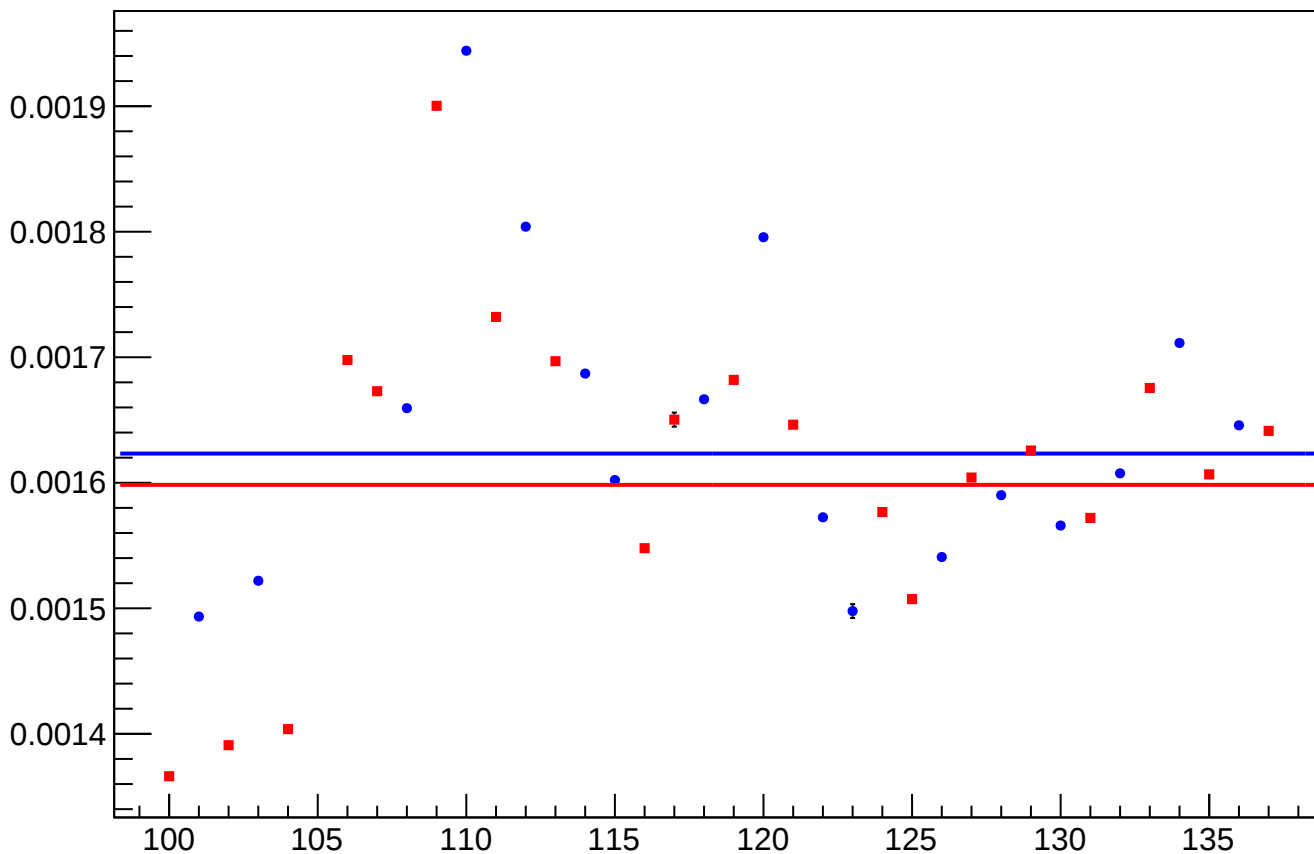
0.256+/-0.000 χ^2/NDF : 21365489849.4/16

Right Out: 0.238+/-0.000 χ^2/NDF : 26077768189.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.238+/-0.000 χ^2/NDF : 26077768189.7/19

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 52468.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

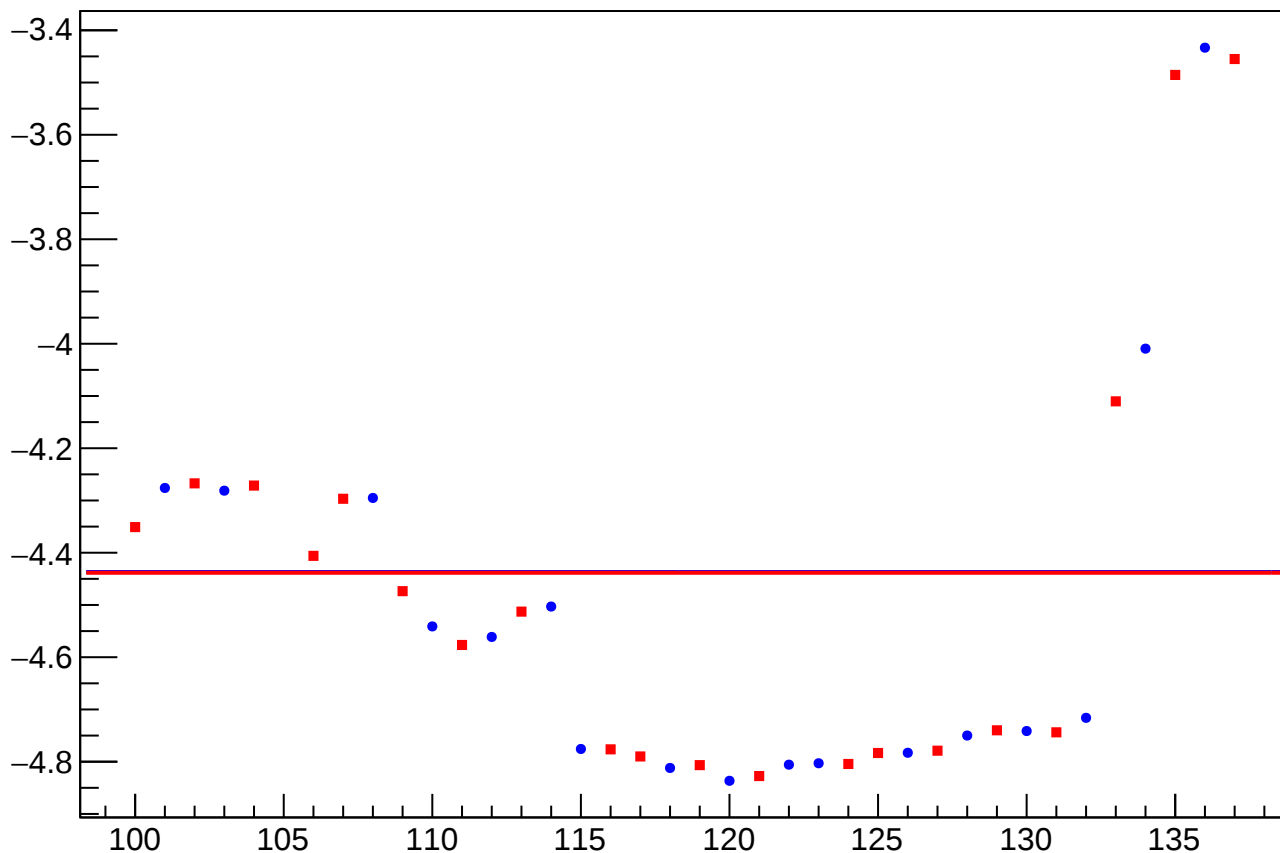
Right Out: 0.002+/-0.000 χ^2/NDF : 90764.4/19

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 : 90764.4/19

yield_bpm2i01Y_mean vs Slug



Right In: -4.437+/-0.000 χ^2/NDF : 392812415429.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

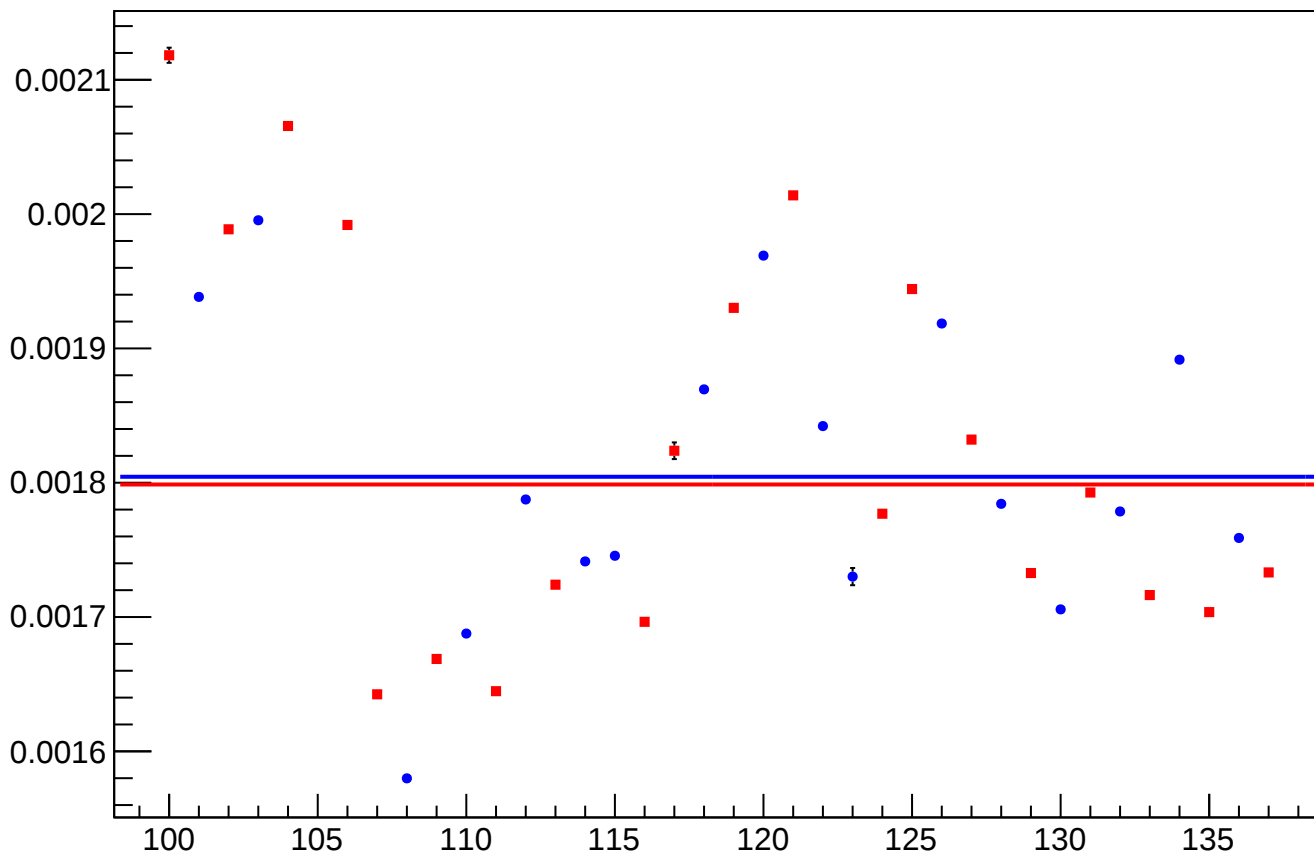
Right Out: -4.438+/-0.000 χ^2/NDF : 326800745779.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.437+/-0.000 χ^2/NDF : 392812415429.0/16

-4.438+/-0.000 χ^2/NDF : 326800745779.7/19

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 49103.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

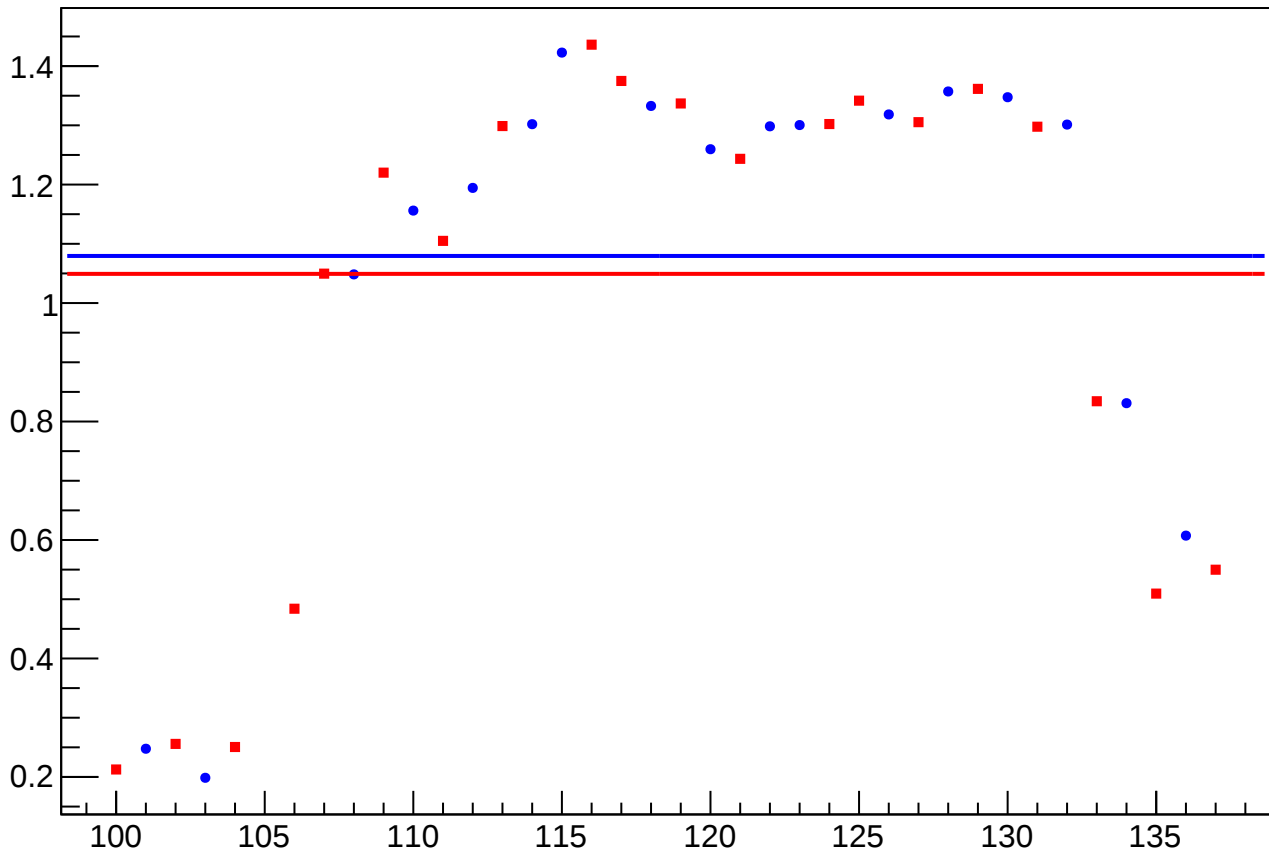
Right Out: 0.002+/-0.000 χ^2/NDF : 81037.5/19

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 : 81037.5/19

yield_bpm2i02X_mean vs Slug



Right In: 1.080+/-0.000 χ^2/NDF : 17533321220.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

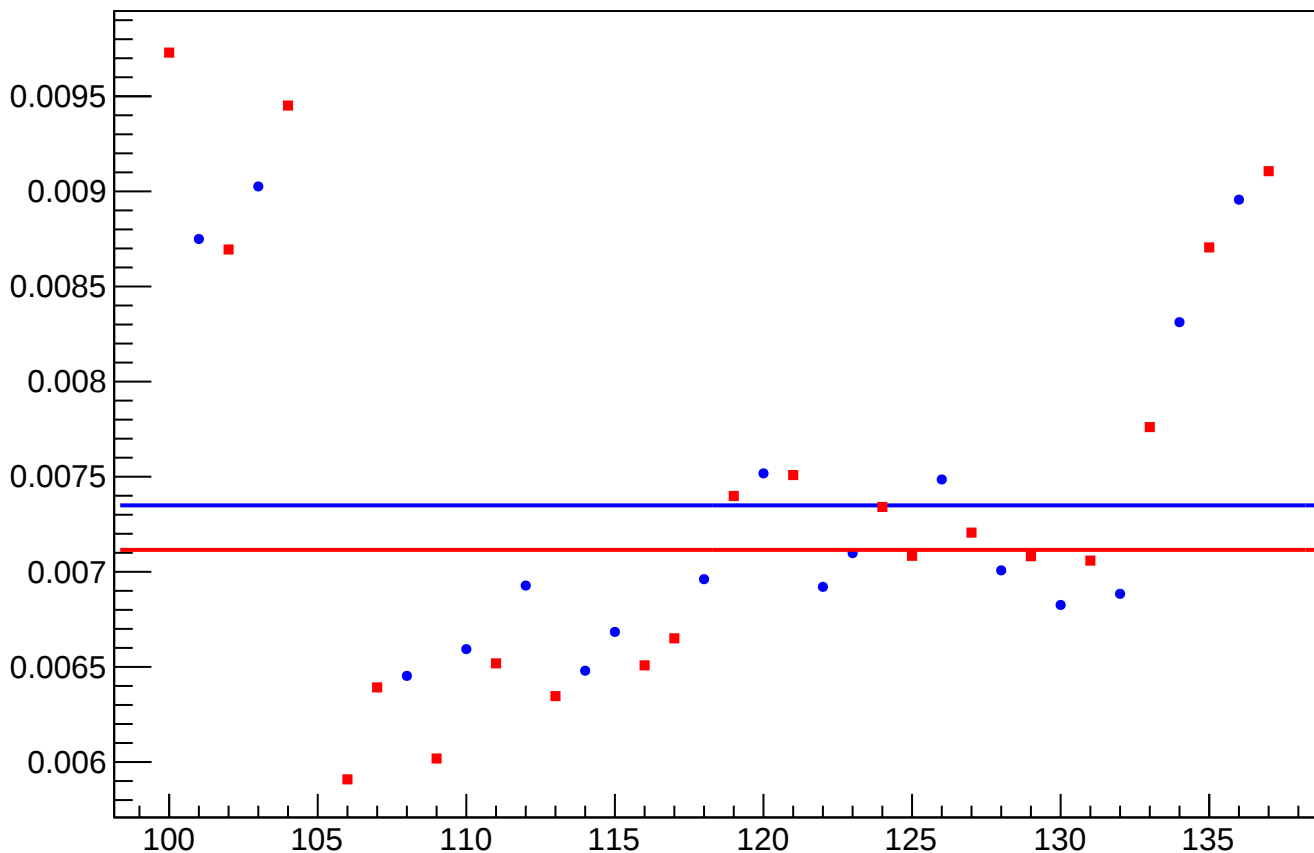
1.080+/-0.000 χ^2/NDF : 17533321220.5/16

Right Out: 1.049+/-0.000 χ^2/NDF : 19787986428.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.049+/-0.000 χ^2/NDF : 19787986428.4/19

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 180818.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

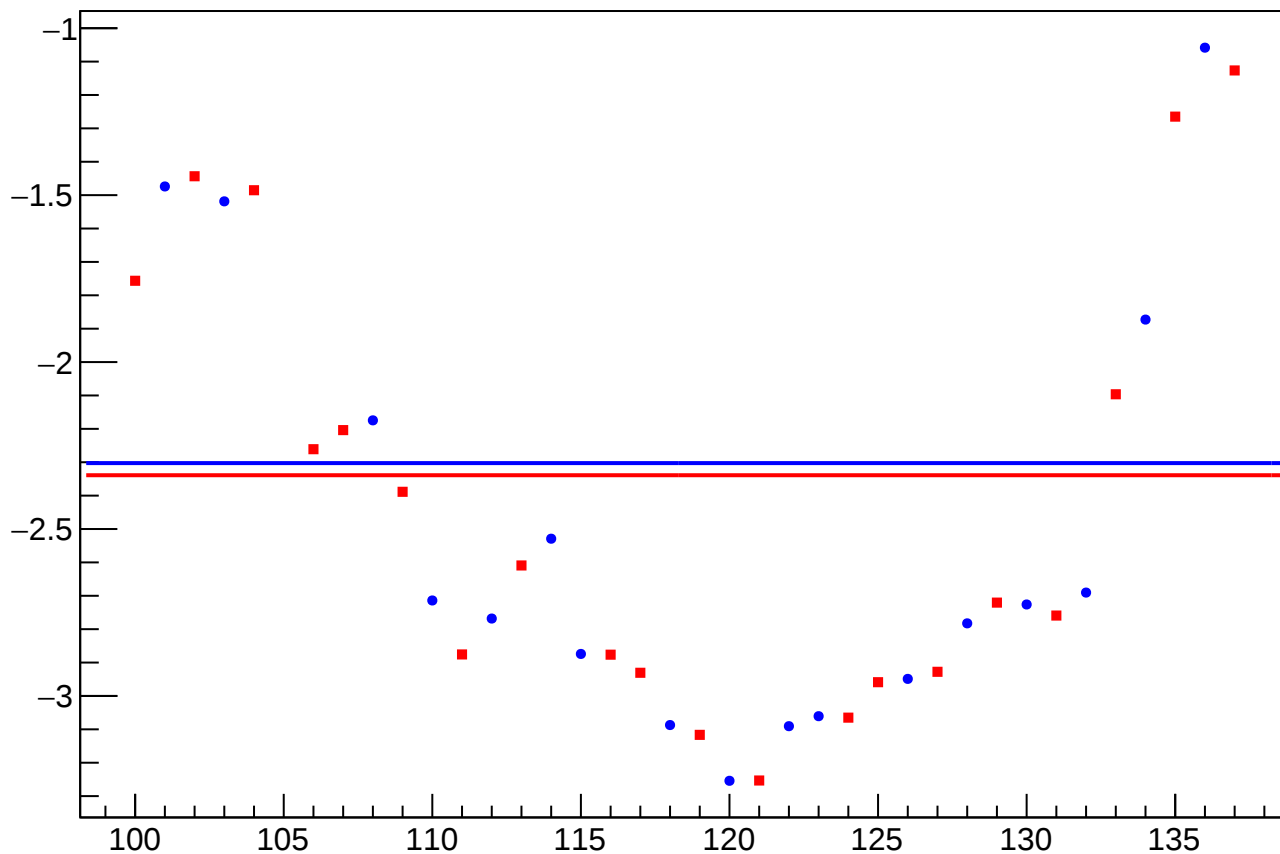
Right Out: 0.007+/-0.000 χ^2/NDF : 259539.3/19

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 : 259539.3/19

yield_bpm2i02Y_mean vs Slug



Right In: -2.303+/-0.000 χ^2/NDF : 73755914805.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

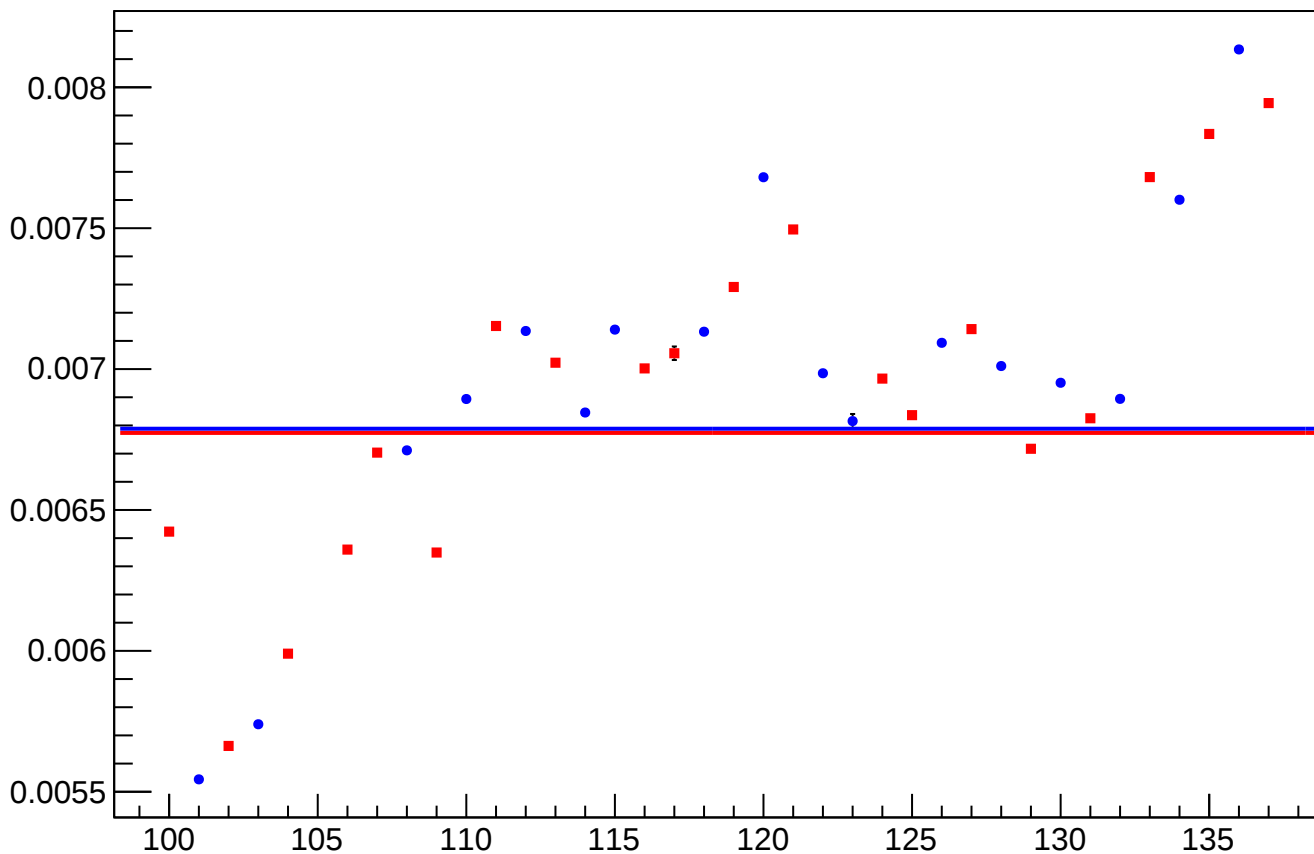
Right Out: -2.339+/-0.000 χ^2/NDF : 64804828308.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.303+/-0.000 χ^2/NDF : 73755914805.8/16

-2.339+/-0.000 χ^2/NDF : 64804828308.5/19

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 165199.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

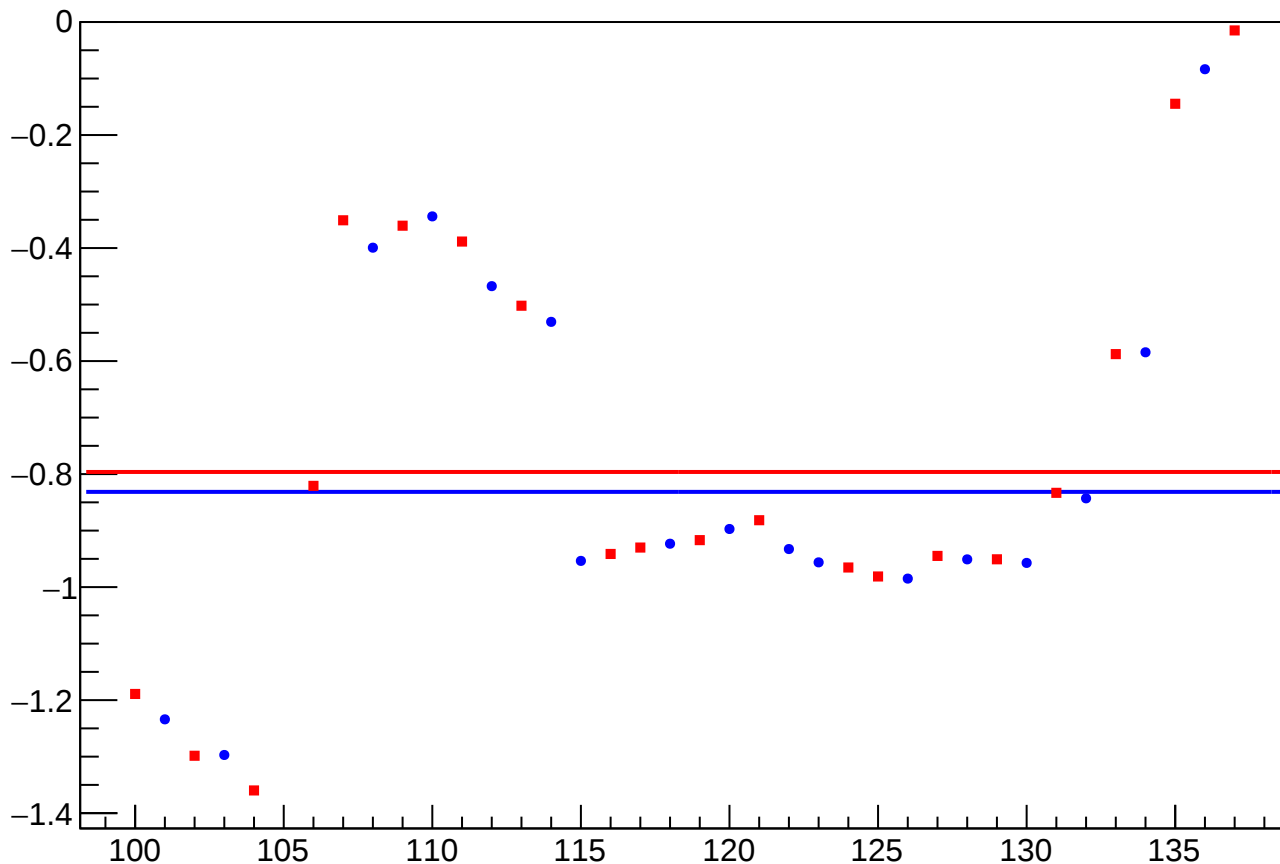
Right Out: 0.007+/-0.000 χ^2/NDF : 123383.6/19

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 : 123383.6/19

yield_bpm0i01X_mean vs Slug



Right In: -0.831+/-0.000 χ^2/NDF : 6692170860.9/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

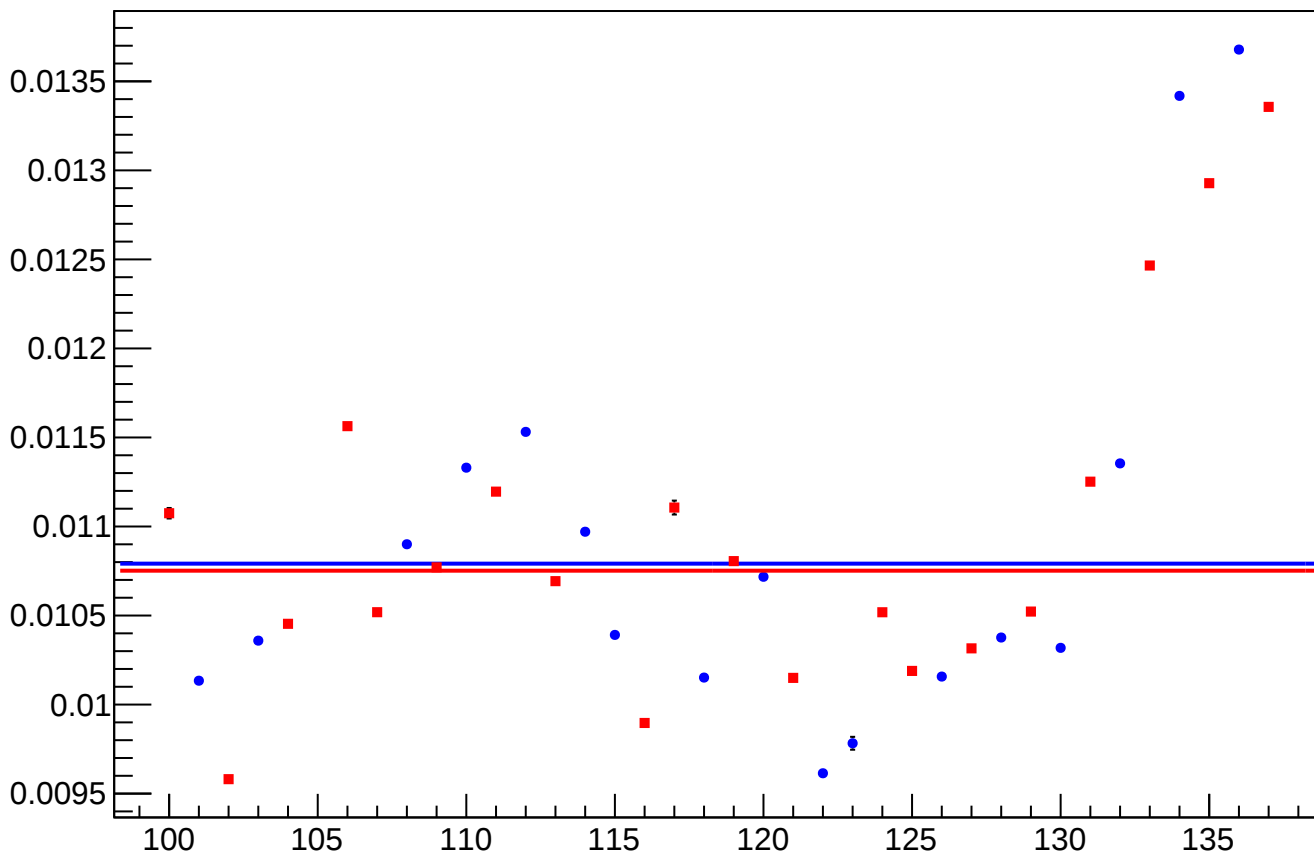
Right Out: -0.796+/-0.000 χ^2/NDF : 7827622544.3/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.831+/-0.000 χ^2/NDF : 6692170860.9/16

-0.796+/-0.000 χ^2/NDF : 7827622544.3/19

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 125802.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

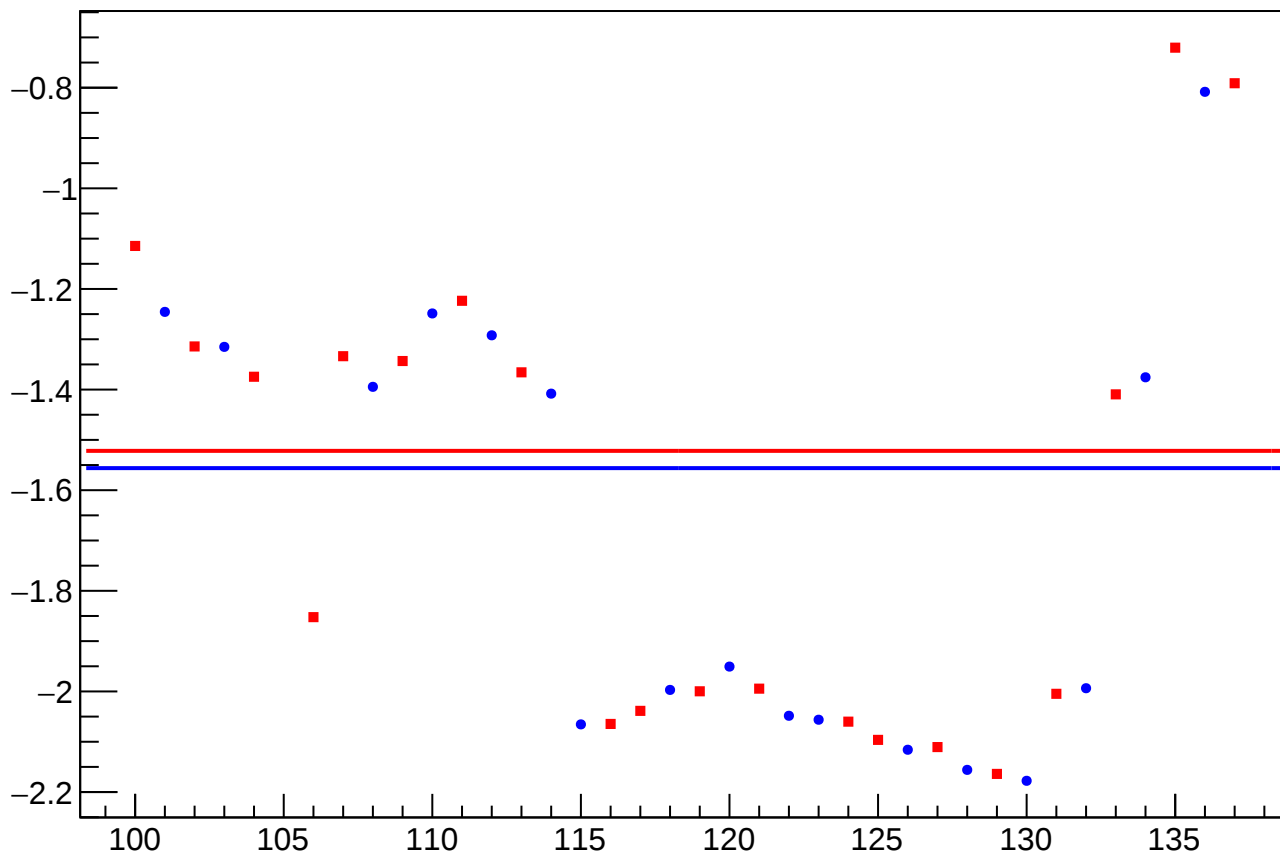
Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

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 : 90303.3/19

yield_bpm0i01Y_mean vs Slug



Right In: -1.556+/-0.000 χ^2/NDF : 154972763568.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

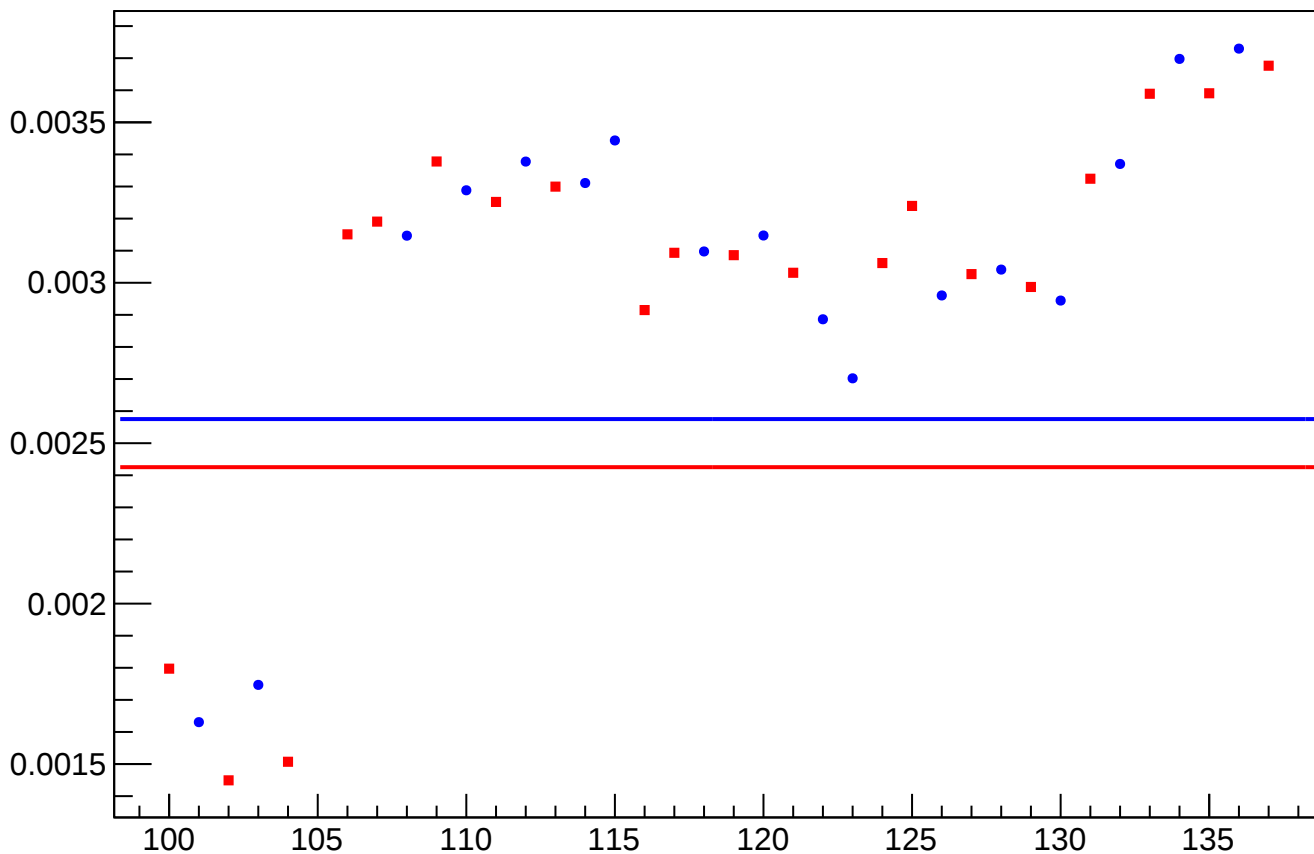
Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.556+/-0.000 χ^2/NDF : 154972763568.8/16

-1.522+/-0.000 χ^2/NDF : 139385229659.4/19

yield_bpm0i01Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1013833.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

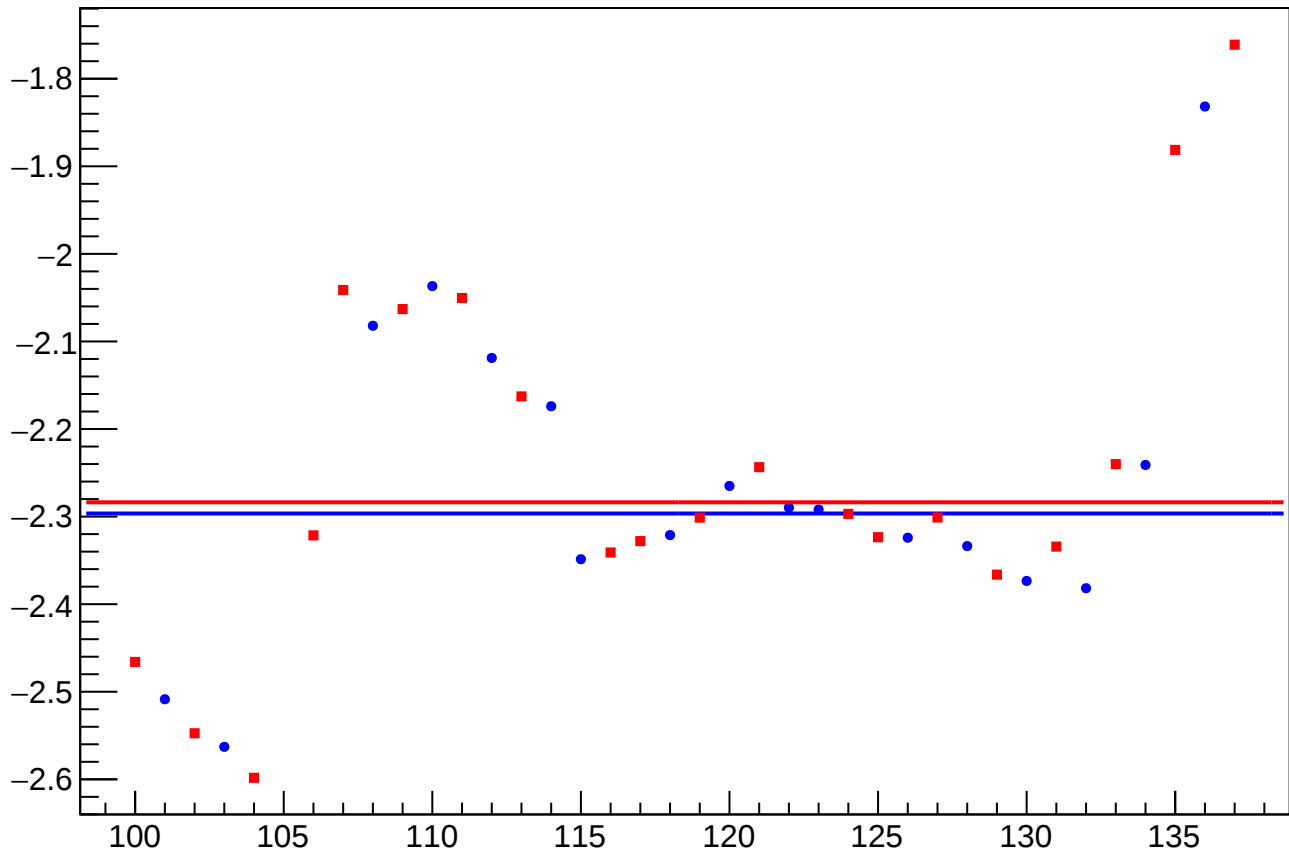
Right Out: 0.002+/-0.000 χ^2/NDF : 1493210.7/19

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 : 1493210.7/19

yield_bpm0i01aX_mean vs Slug



Right In: -2.296 ± 0.000 χ^2/NDF : 5782980938.4/16

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

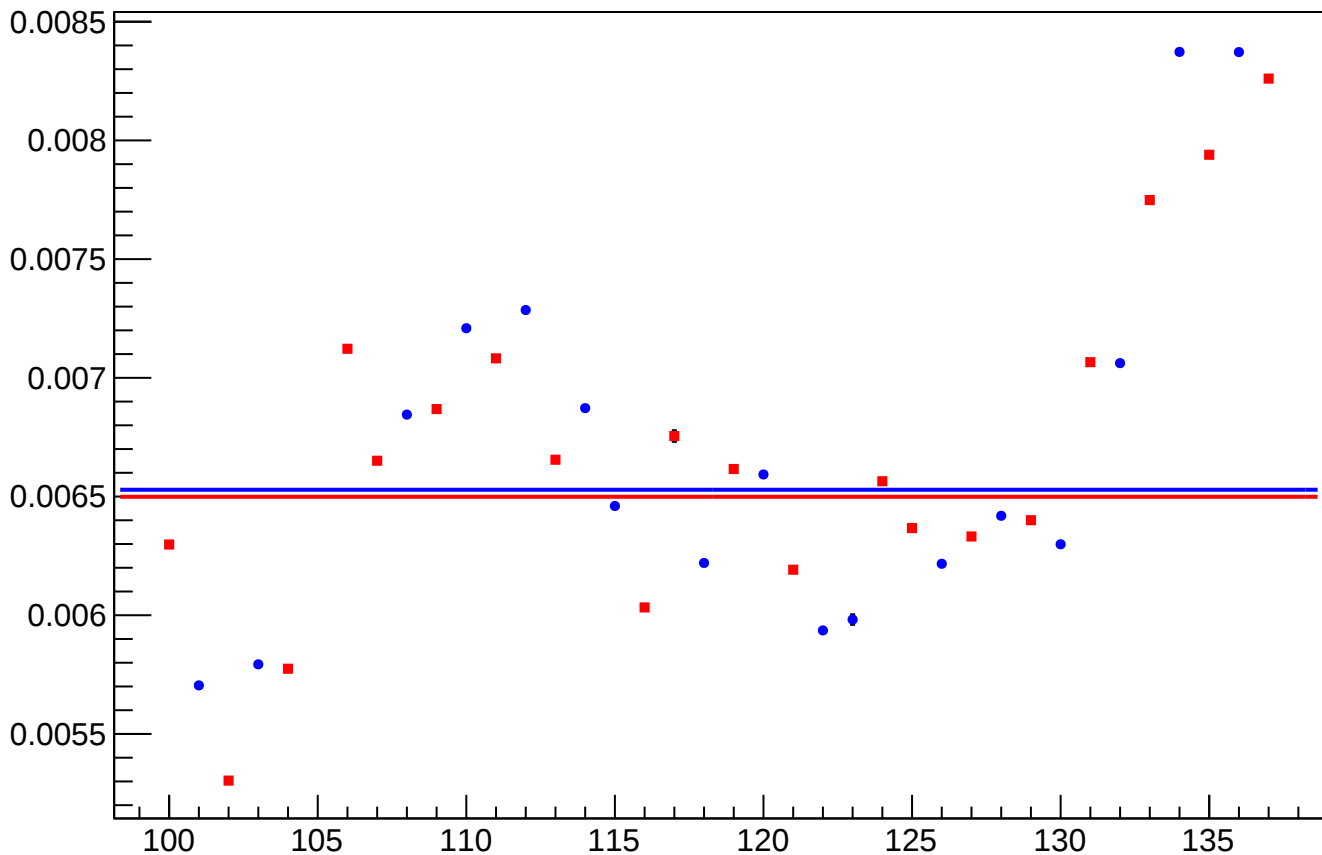
Right Out: -2.284 ± 0.000 χ^2/NDF : 6550363990.6/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.296 ± 0.000 χ^2/NDF : 5782980938.4/16

-2.284 ± 0.000 χ^2/NDF : 6550363990.6/19

yield_bpm0i01aX_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 176467.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

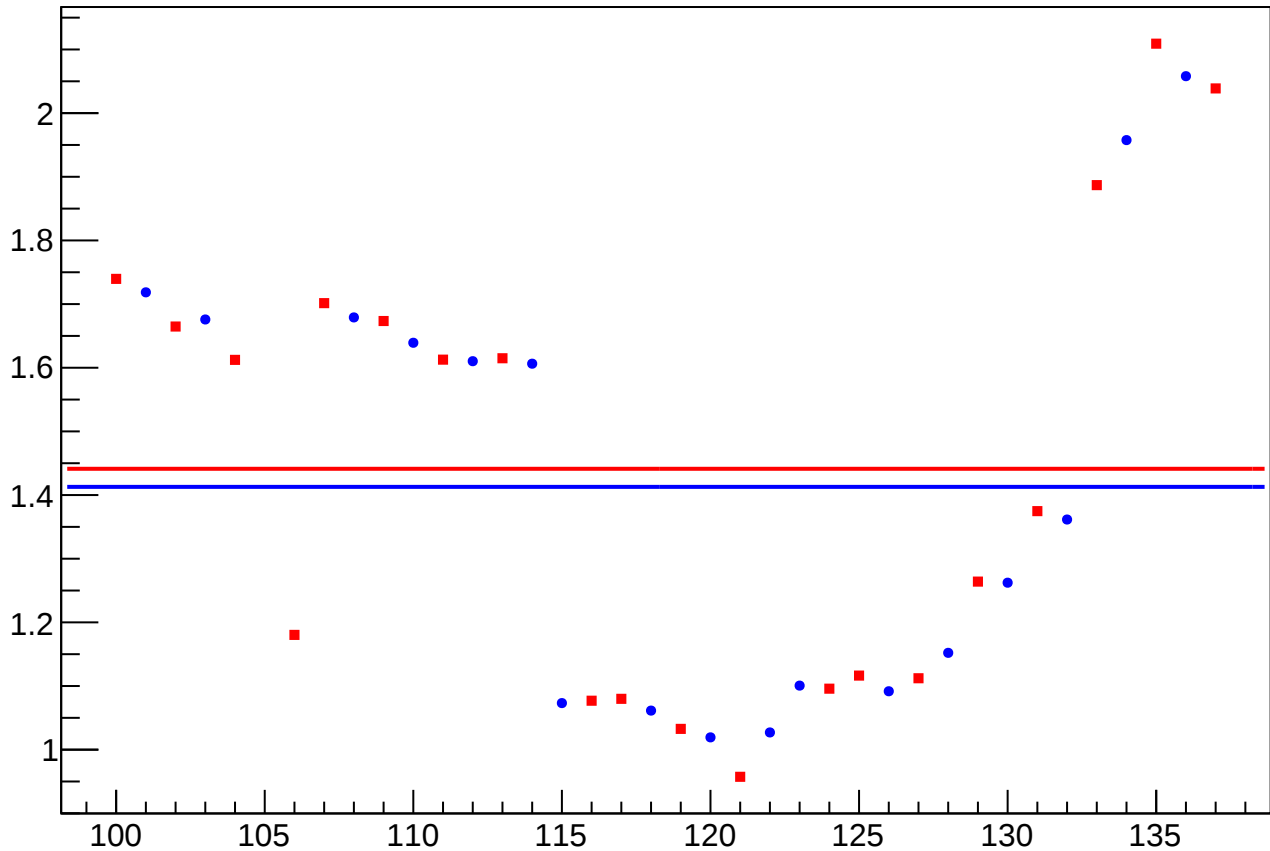
Right Out: 0.006+/-0.000 χ^2/NDF : 164253.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 176467.7/16

0.006+/-0.000 χ^2/NDF : 164253.8/19

yield_bpm0i01aY_mean vs Slug



Right In: 1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

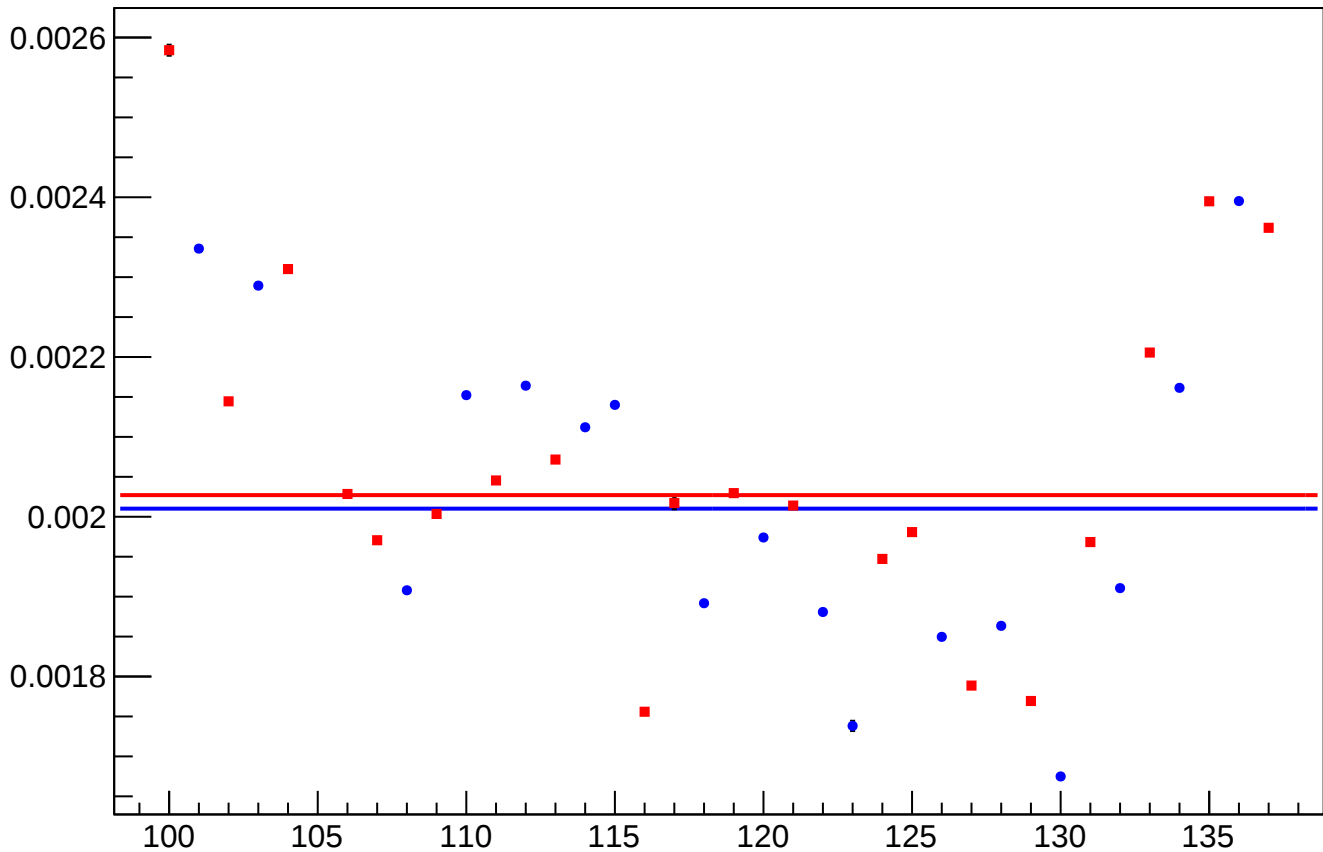
1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.441+/-0.000 χ^2/NDF : 174346888744.4/19

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 152530.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

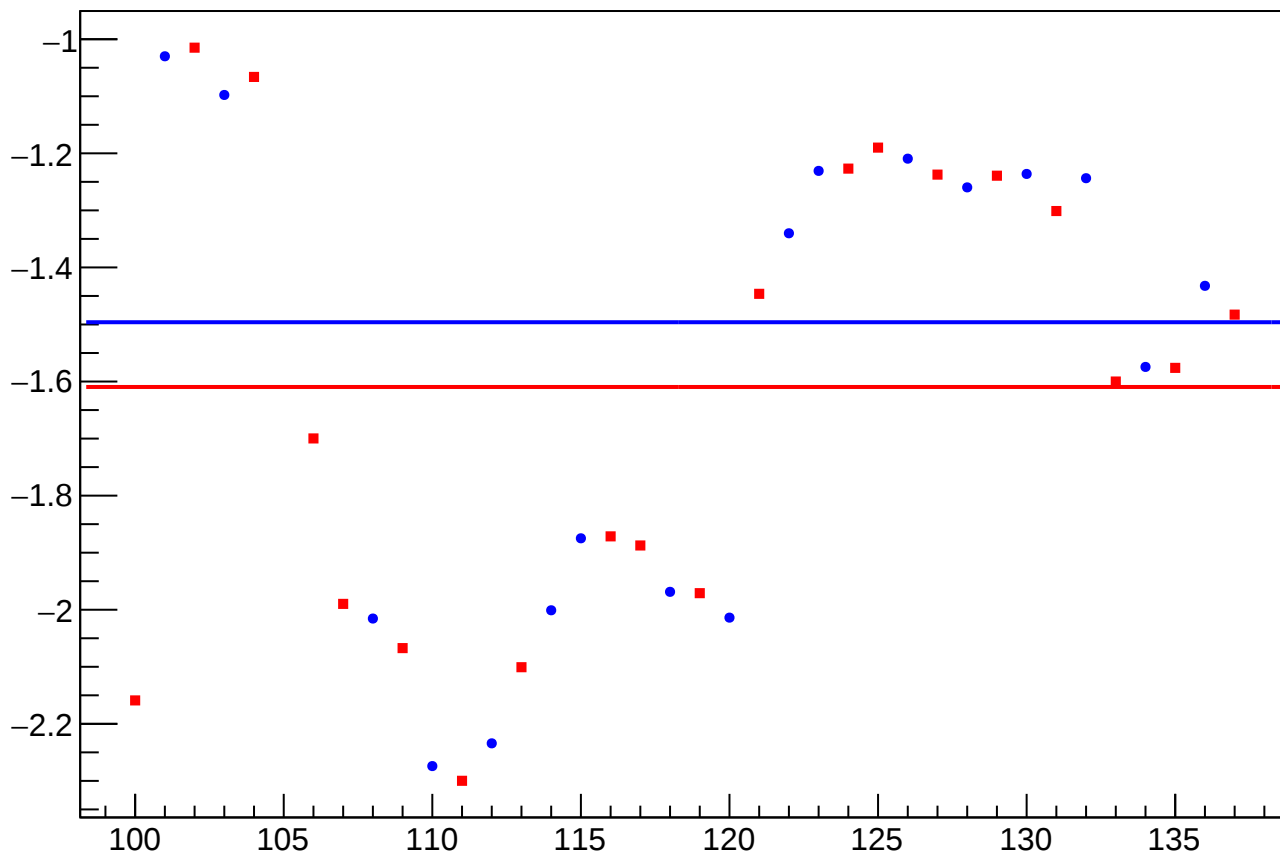
0.002+/-0.000 χ^2/NDF : 152530.4/16

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 : 103927.8/19

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22525130000.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

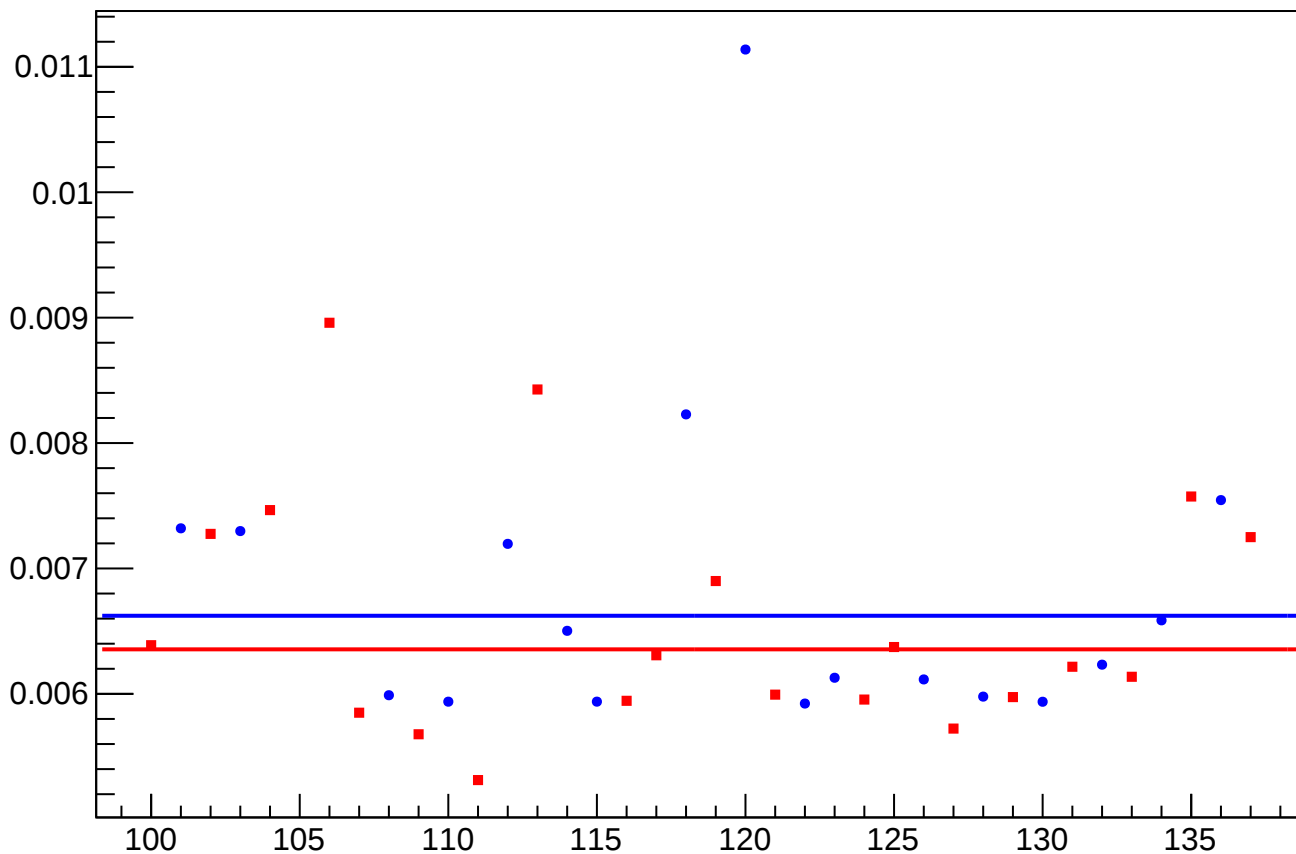
Right Out: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.496+/-0.000 χ^2/NDF : 22525130000.3/16

-1.610+/-0.000 χ^2/NDF : 27919840690.9/19

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 232630.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

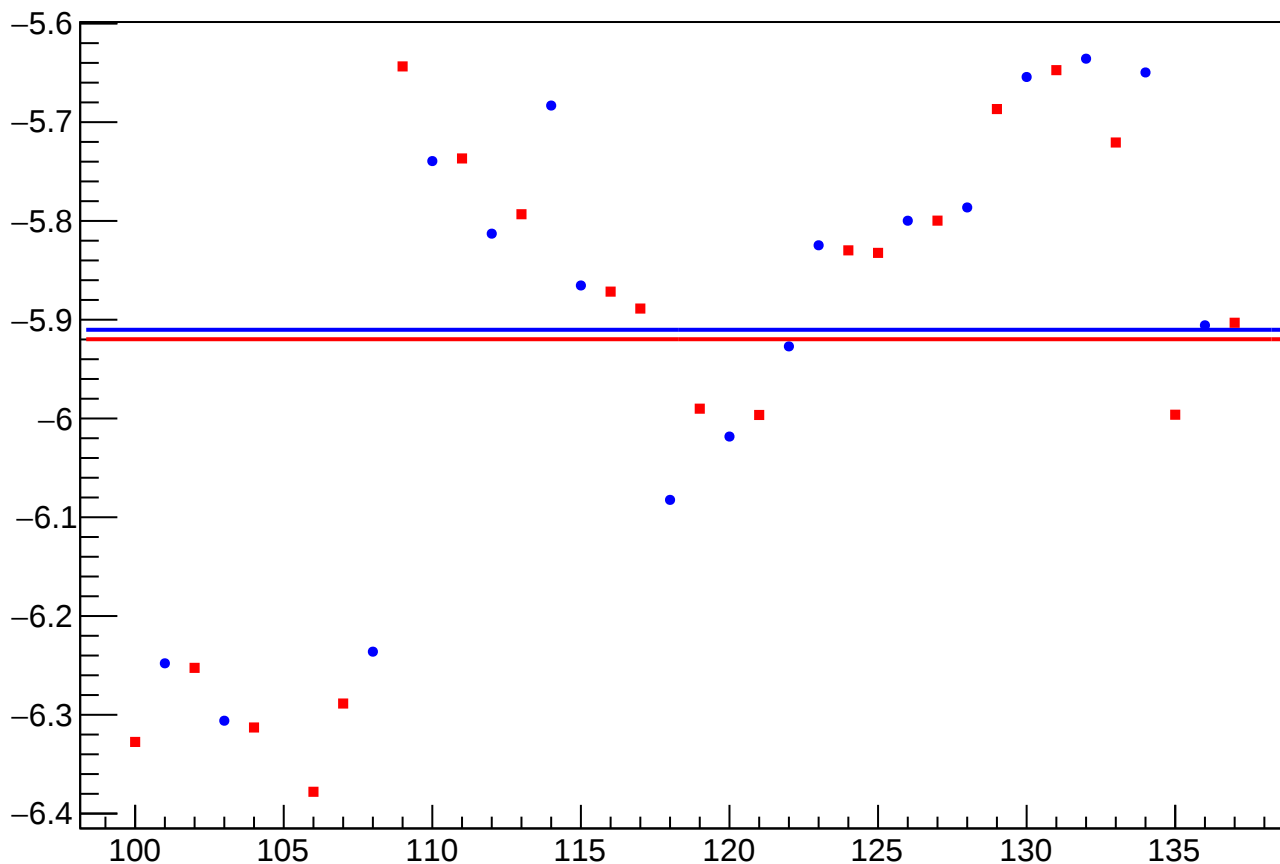
Right Out: 0.006+/-0.000 χ^2/NDF : 227865.9/19

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 : 227865.9/19

yield_bpm0l01Y_mean vs Slug



Right In: -5.910+/-0.000 χ^2/NDF : 11154434512.7/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

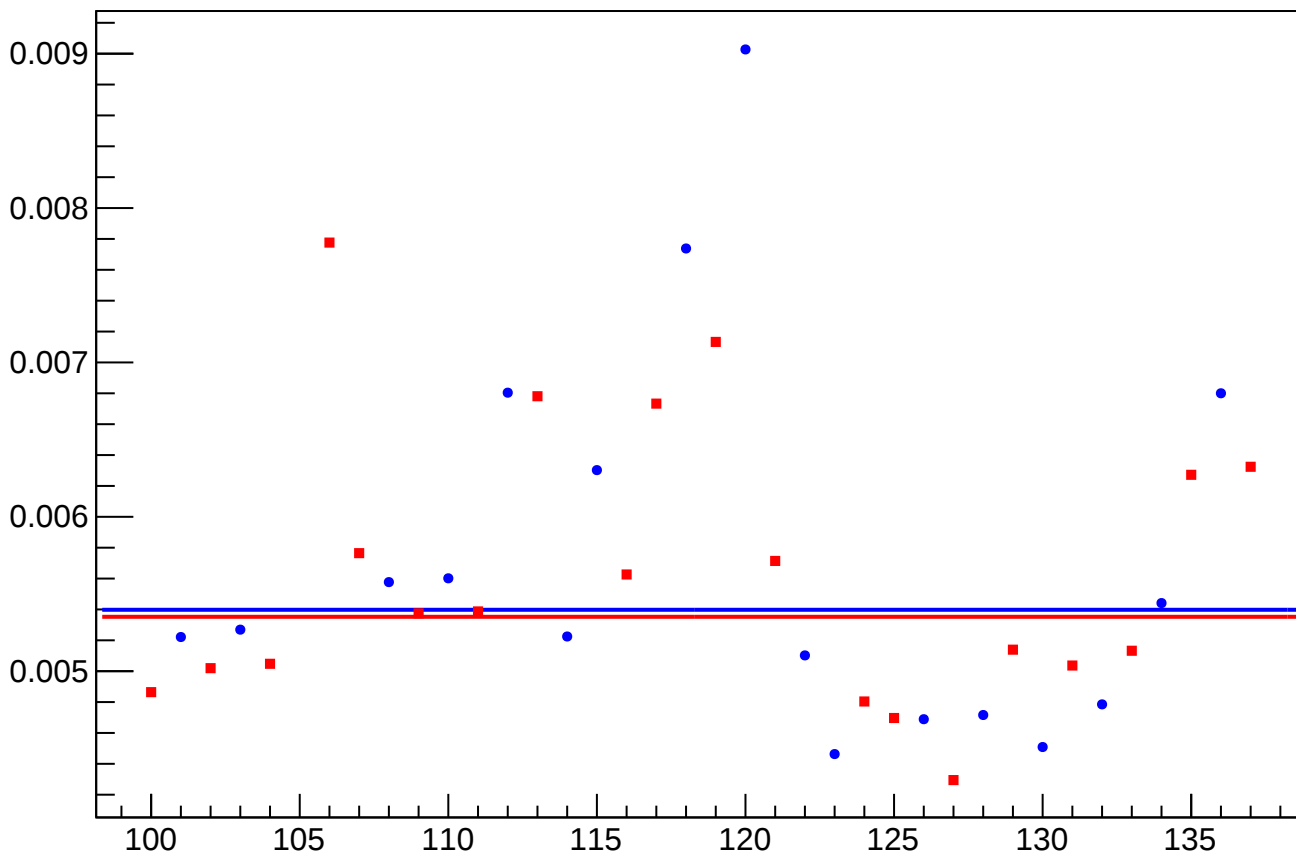
Right Out: -5.920+/-0.000 χ^2/NDF : 12786449843.6/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-5.910+/-0.000 χ^2/NDF : 11154434512.7/16

-5.920+/-0.000 χ^2/NDF : 12786449843.6/19

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 371347.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

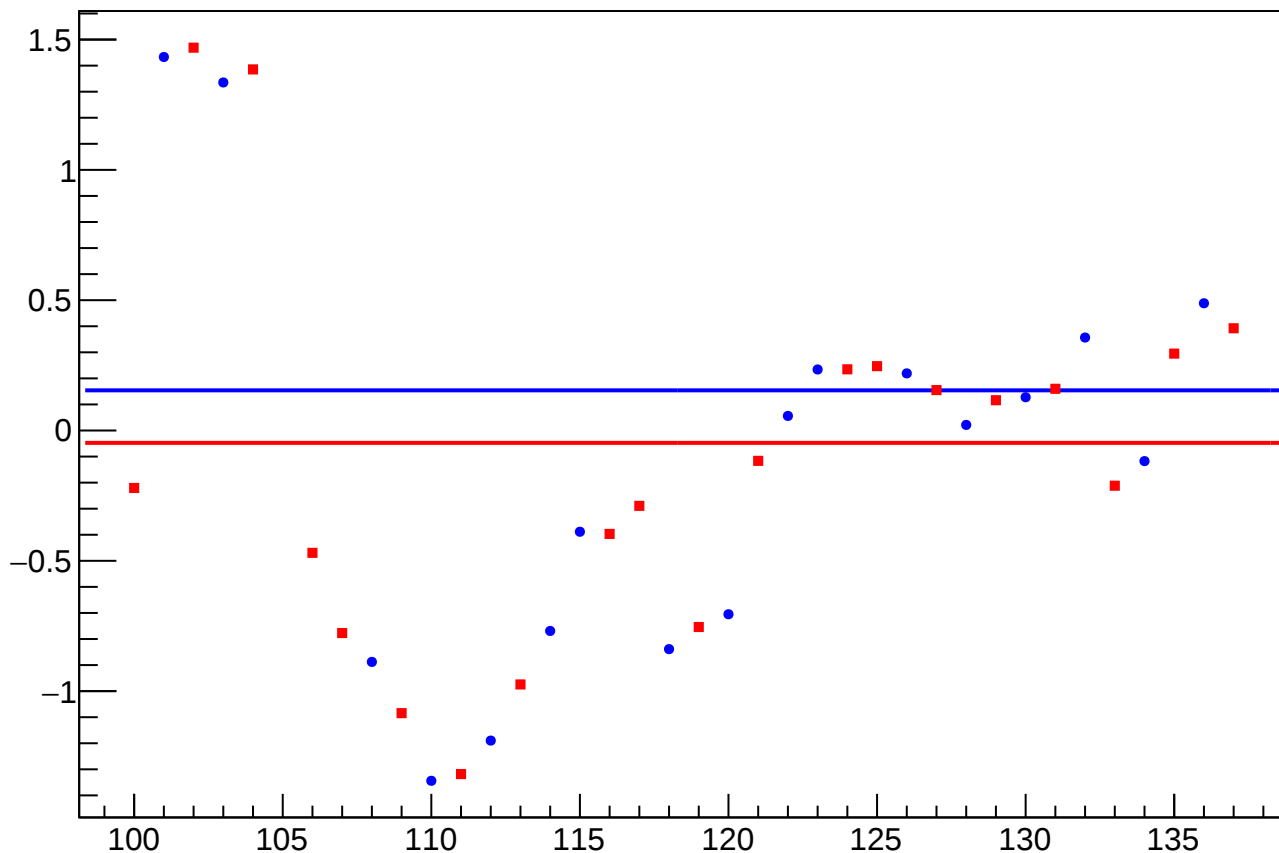
Right Out: 0.005+/-0.000 χ^2/NDF : 252664.1/19

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 : 252664.1/19

yield_bpm0l02X_mean vs Slug



Right In: 0.154+/-0.000 χ^2/NDF : 16988256953.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

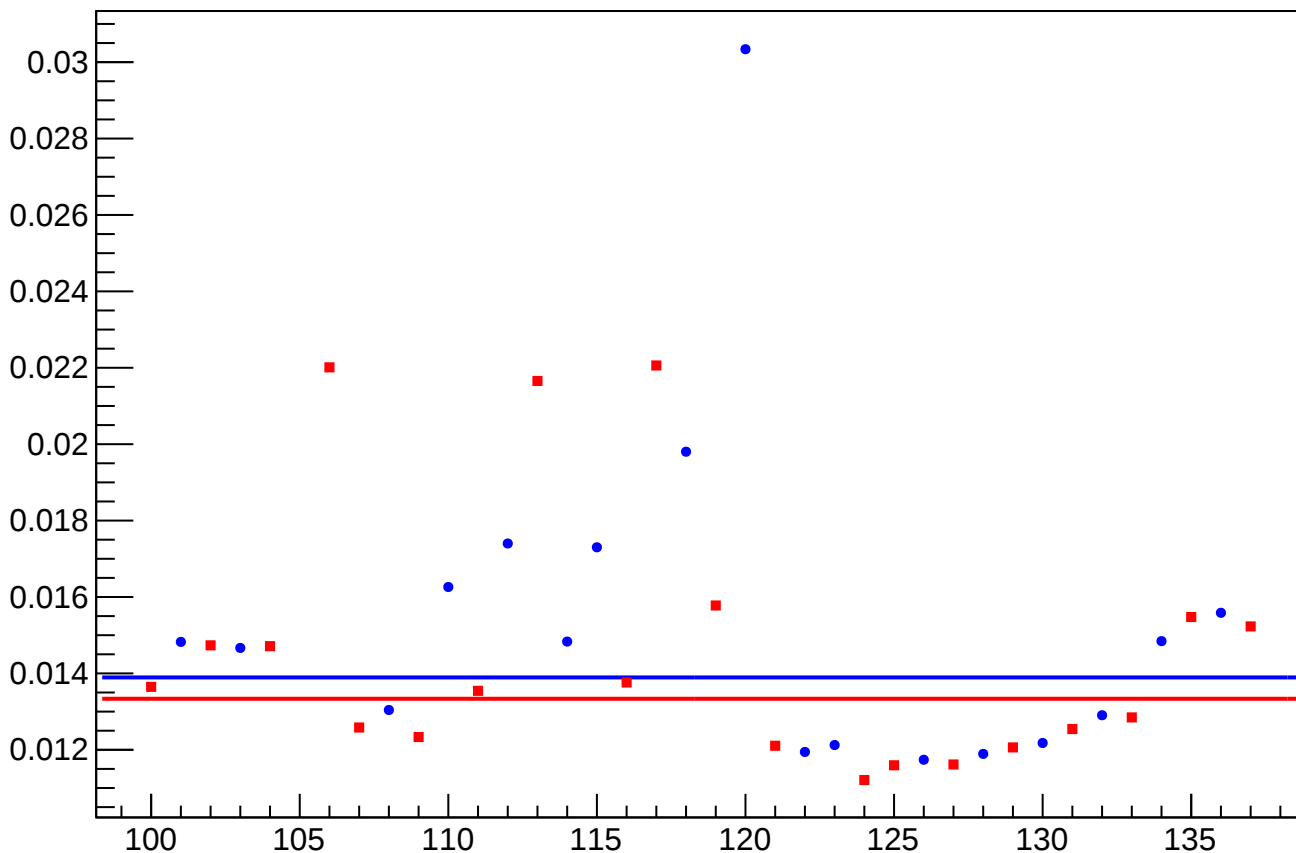
Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.154+/-0.000 χ^2/NDF : 16988256953.8/16

-0.047+/-0.000 χ^2/NDF : 21216074494.2/19

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 400569.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

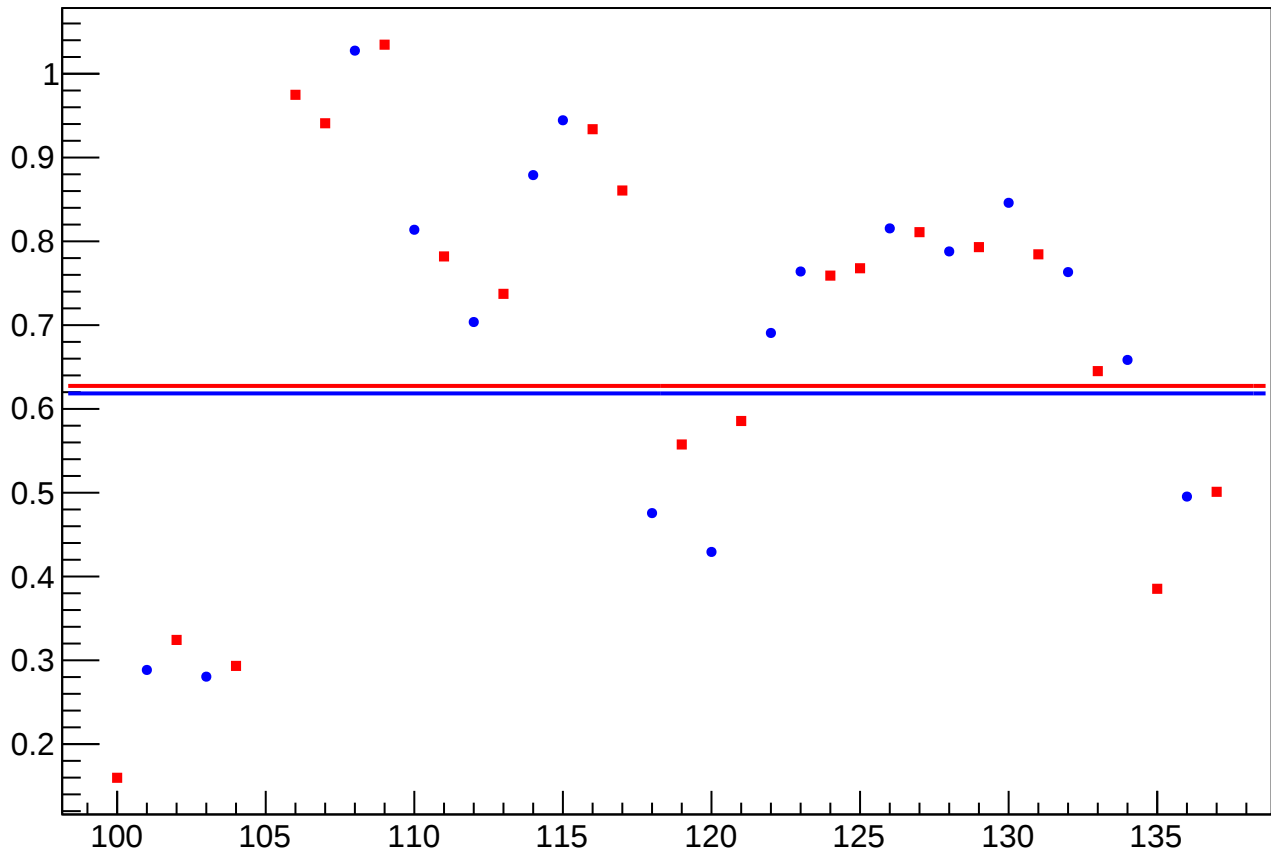
Right Out: 0.013+/-0.000 χ^2/NDF : 303459.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 400569.4/16

0.013+/-0.000 χ^2/NDF : 303459.9/19

yield_bpm0l02Y_mean vs Slug



Right In: 0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

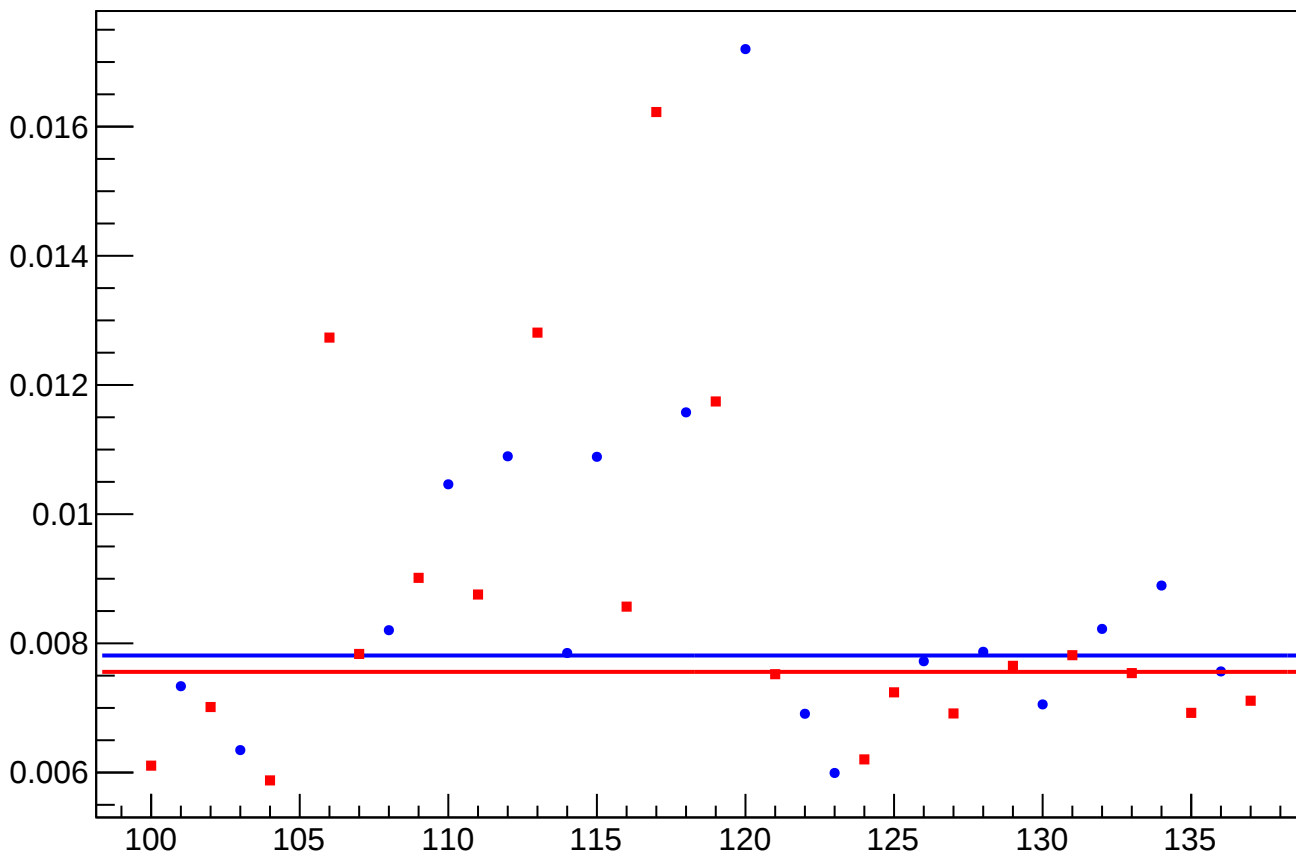
0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Right Out: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.627+/-0.000 χ^2/NDF : 6345684740.0/19

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 466827.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

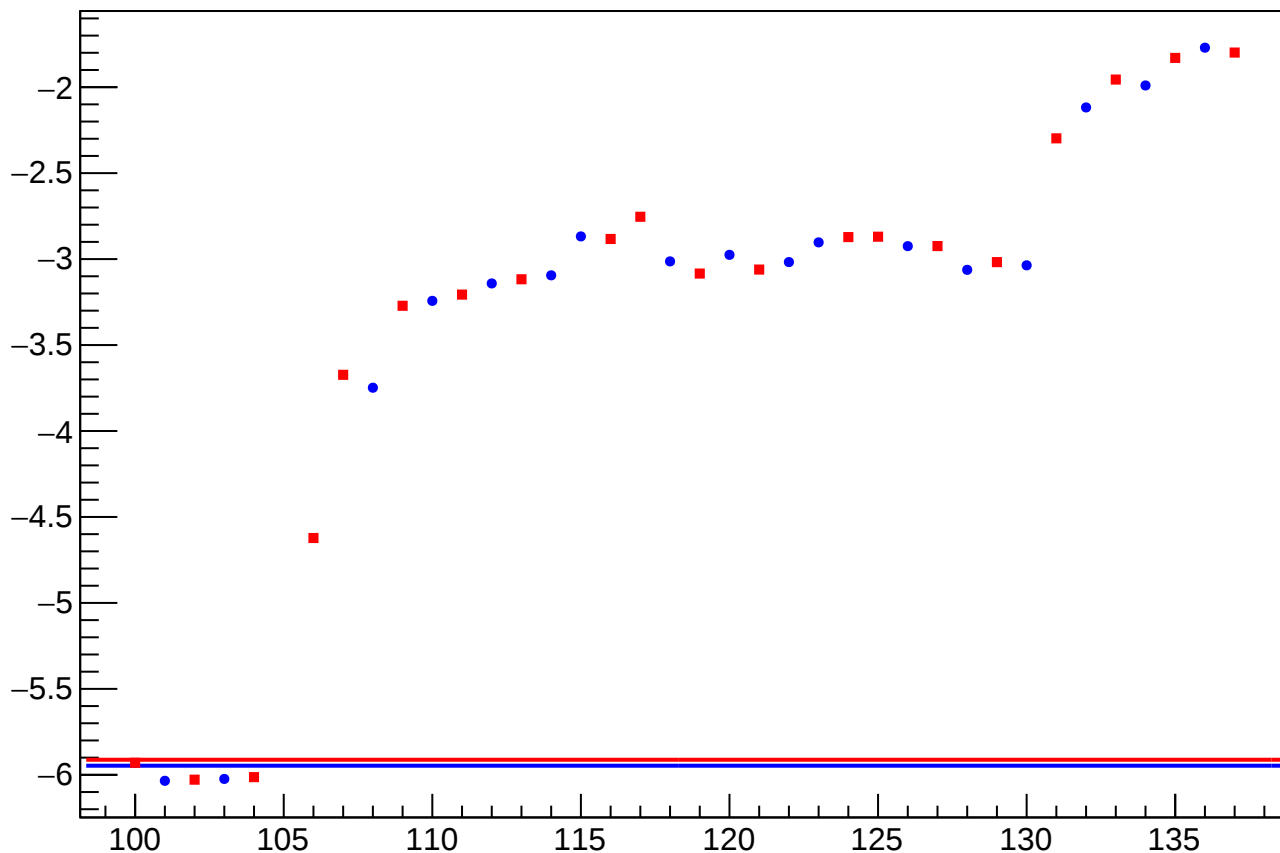
Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

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 : 463232.7/19

yield_bpm0l03X_mean vs Slug



Right In: -5.947+/-0.000 χ^2/NDF : 13165963559.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

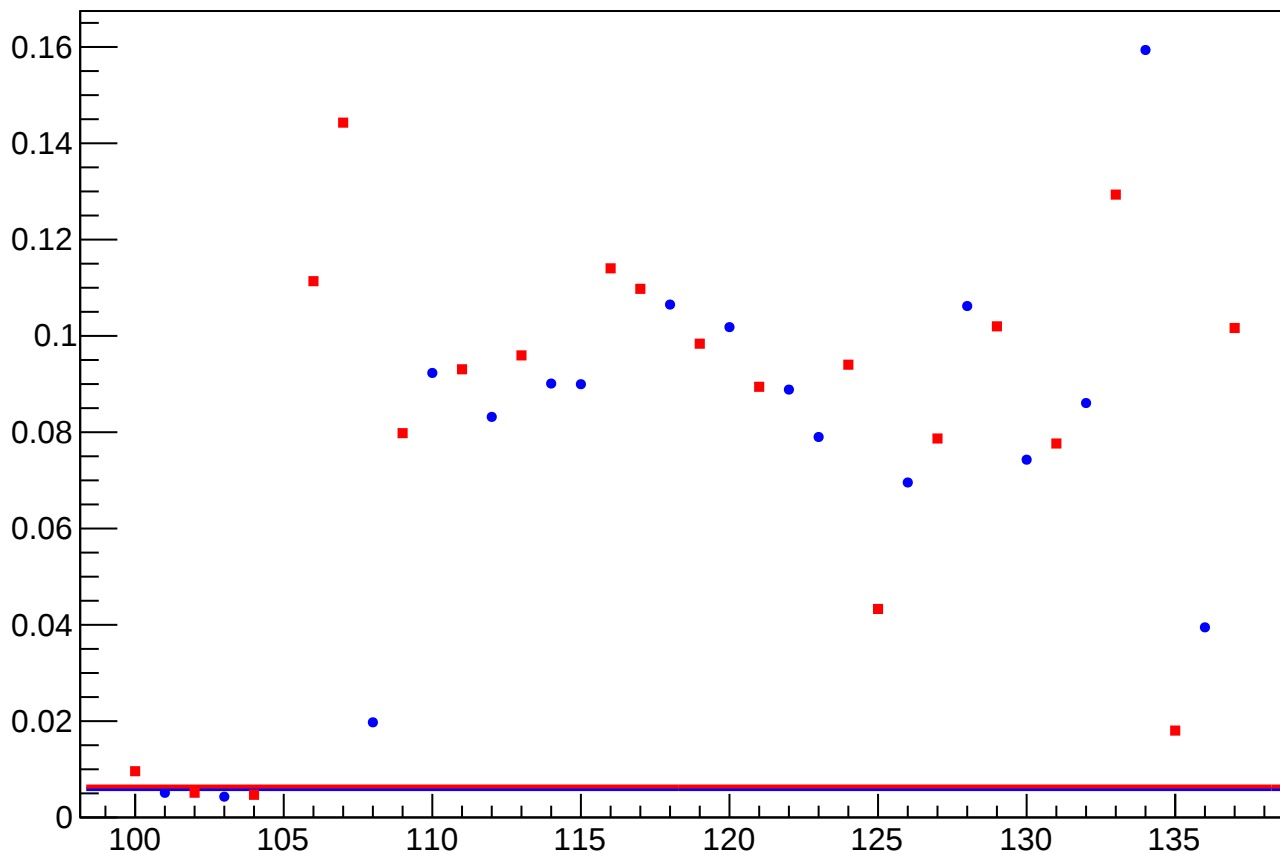
Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.947+/-0.000 χ^2/NDF : 13165963559.5/16

-5.912+/-0.000 χ^2/NDF : 14648055548.9/19

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7934545.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

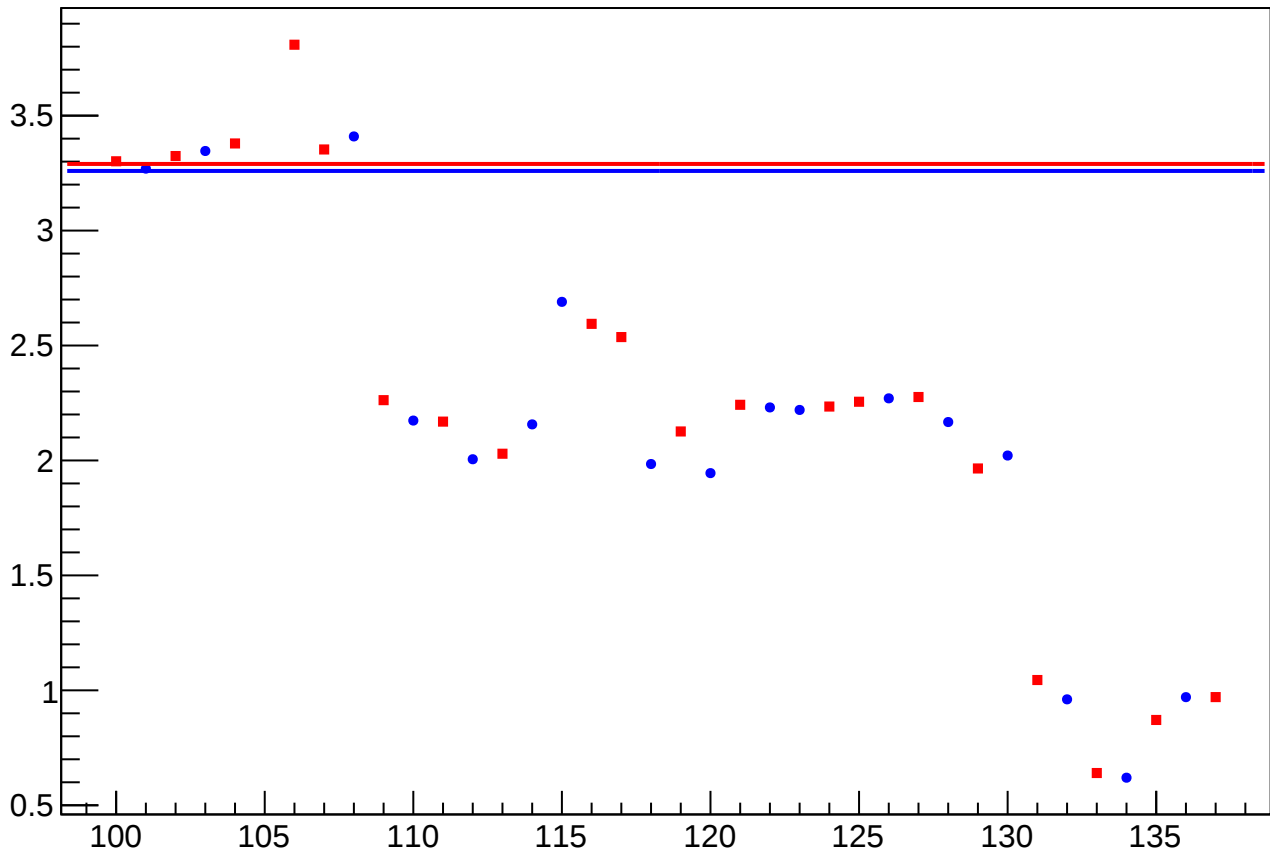
Right Out: 0.006+/-0.000 χ^2/NDF : 8558731.2/19

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 : 8558731.2/19

yield_bpm0l03Y_mean vs Slug



Right In: 3.259+/-0.000 χ^2/NDF : 2921931976.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

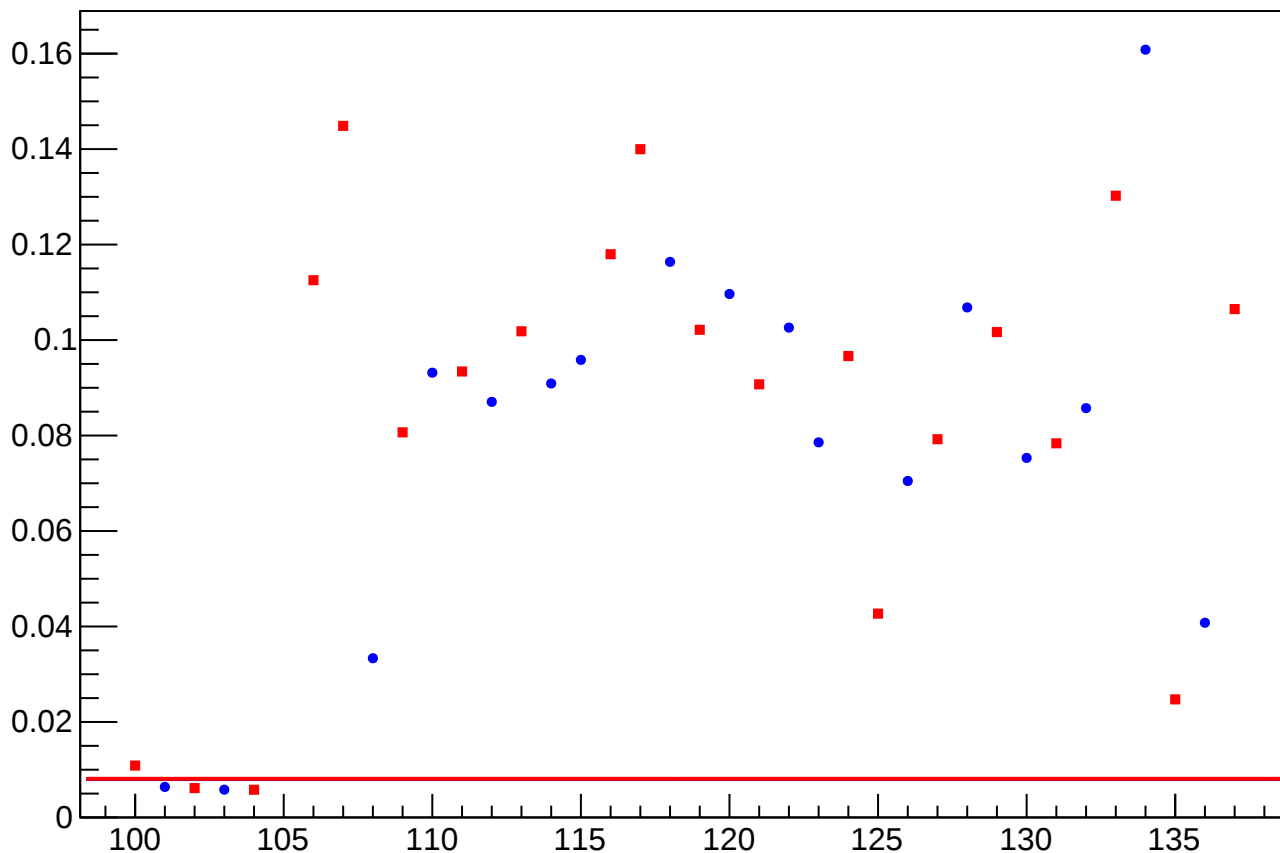
3.259+/-0.000 χ^2/NDF : 2921931976.8/16

Right Out: 3.290+/-0.000 χ^2/NDF : 3263300926.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.290+/-0.000 χ^2/NDF : 3263300926.6/19

yield_bpm0l03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 7742048.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

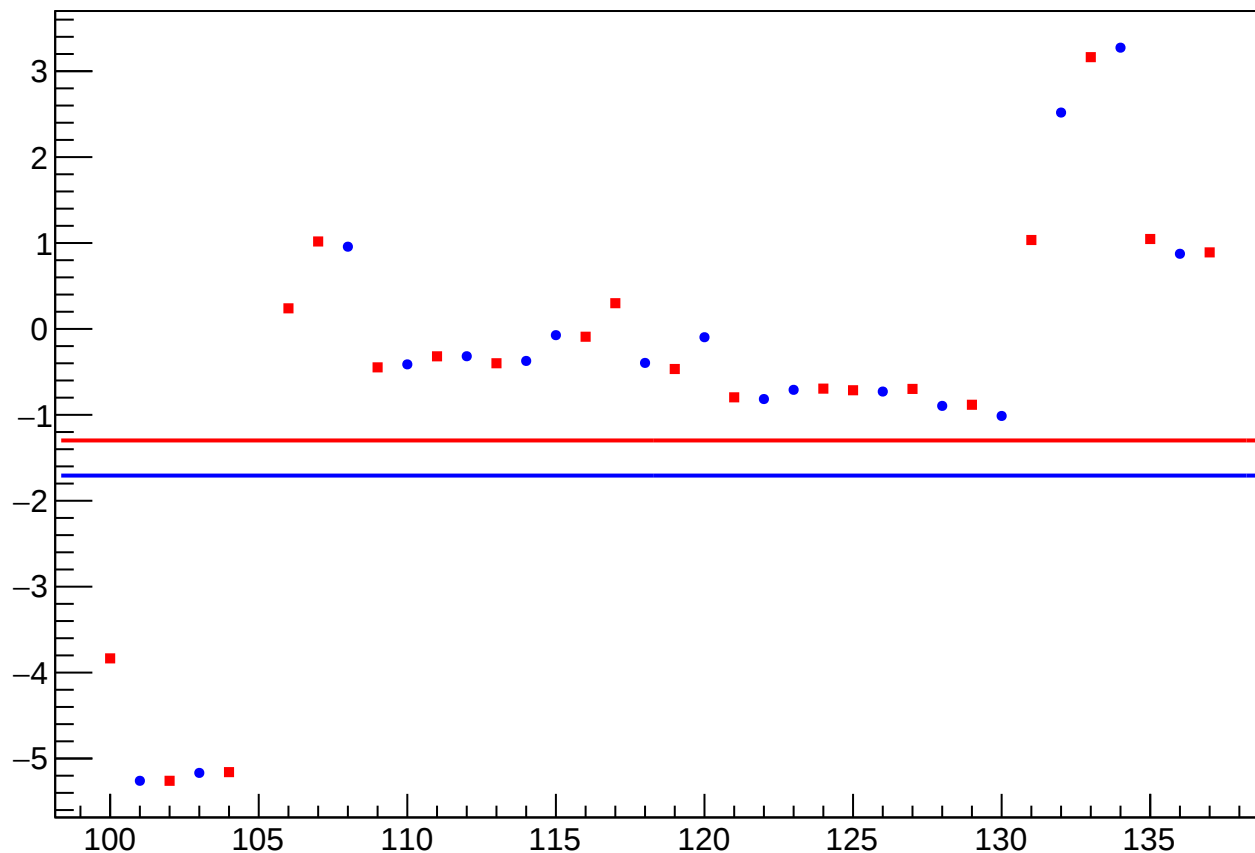
Right Out: 0.008+/-0.000 χ^2/NDF : 8375005.0/19

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 : 8375005.0/19

yield_bpm0l04X_mean vs Slug



Right In: -1.707+/-0.000 χ^2/NDF : 166125579390.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

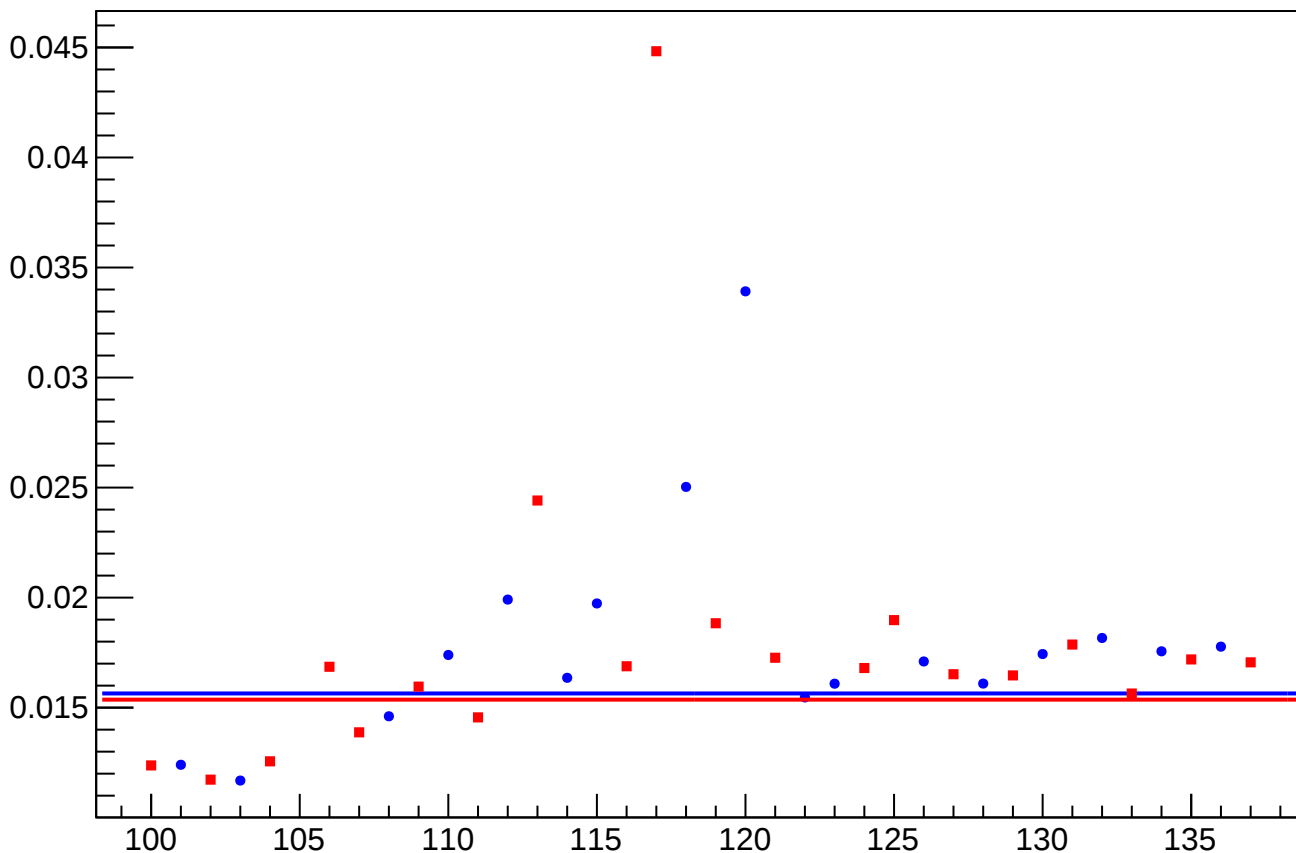
Right Out: -1.298+/-0.000 χ^2/NDF : 178085926993.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.707+/-0.000 χ^2/NDF : 166125579390.4/16

-1.298+/-0.000 χ^2/NDF : 178085926993.4/19

yield_bpm0l04X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 578244.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

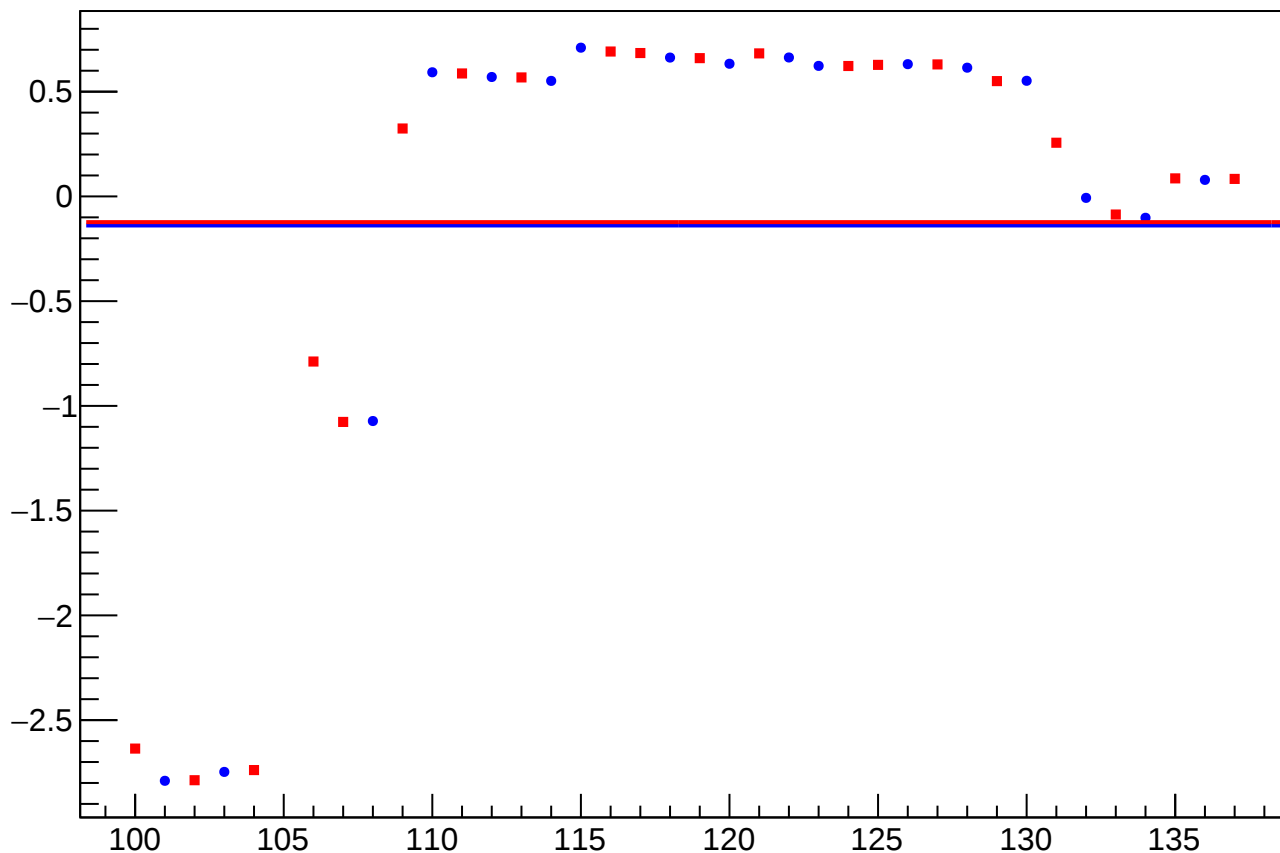
Right Out: 0.015+/-0.000 χ^2/NDF : 387283.2/19

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 : 387283.2/19

yield_bpm0l04Y_mean vs Slug



Right In: -0.139+/-0.000 χ^2/NDF : 715049983856.2/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

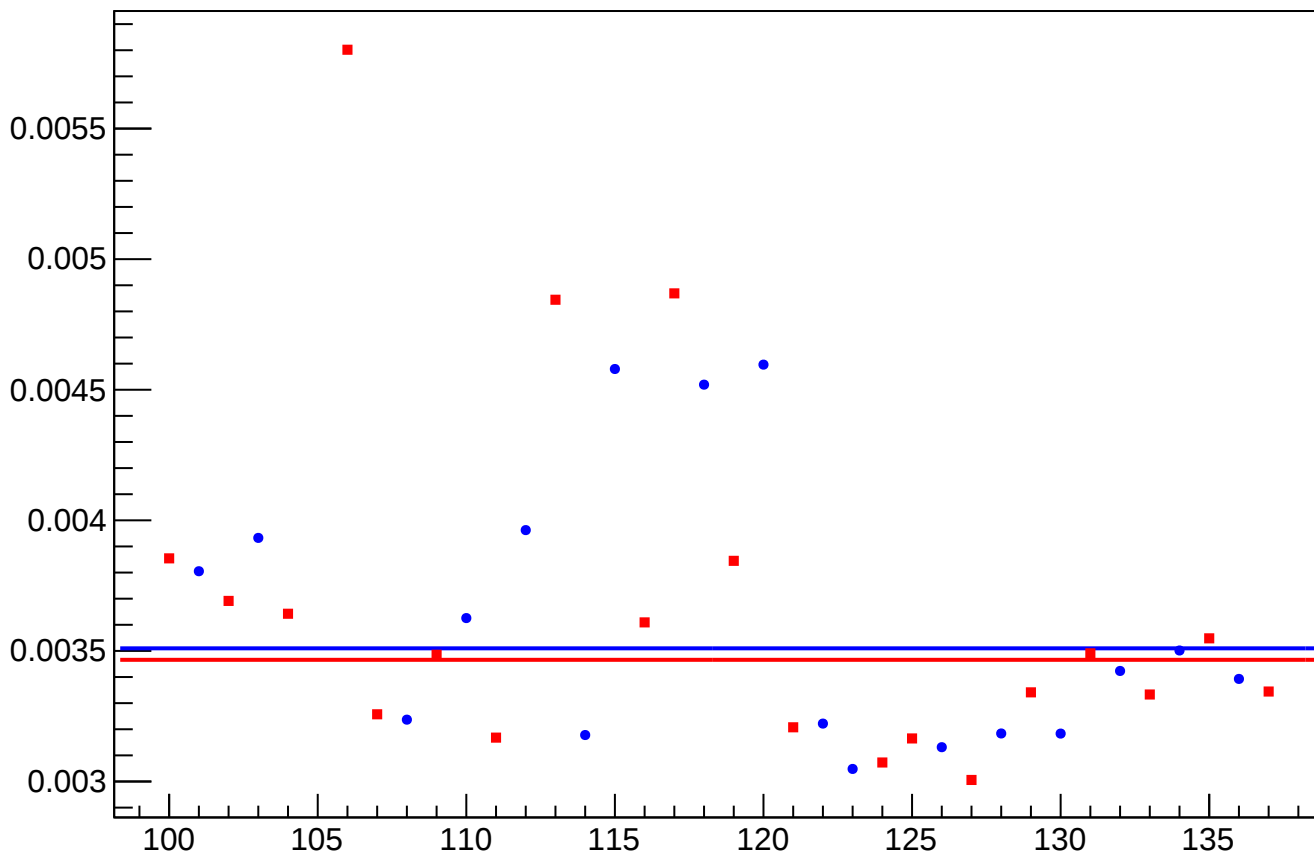
Right Out: -0.123+/-0.000 χ^2/NDF : 762580598699.5/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.139+/-0.000 χ^2/NDF : 715049983856.2/16

-0.123+/-0.000 χ^2/NDF : 762580598699.5/19

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 171337.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

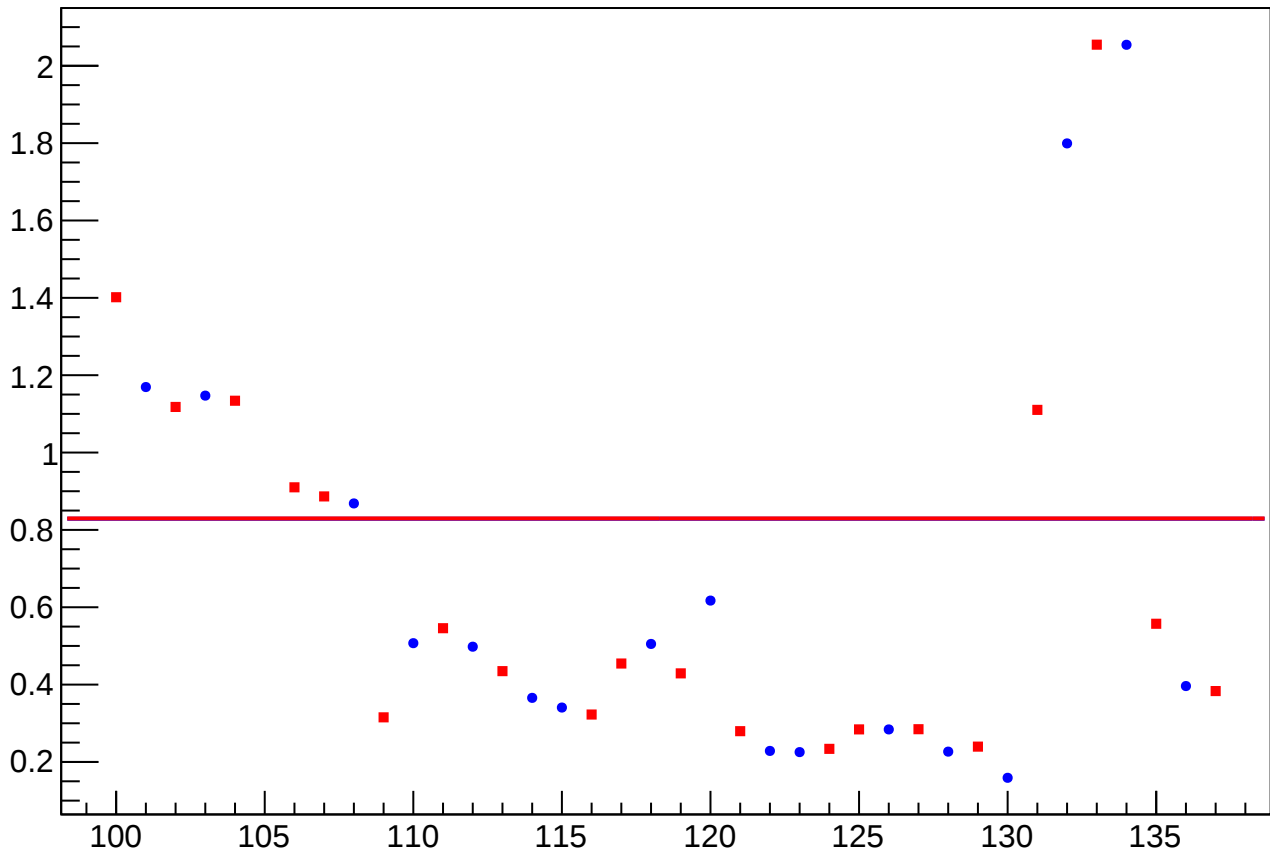
Right Out: 0.003+/-0.000 χ^2/NDF : 222524.1/19

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 : 222524.1/19

yield_bpm0l05X_mean vs Slug



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

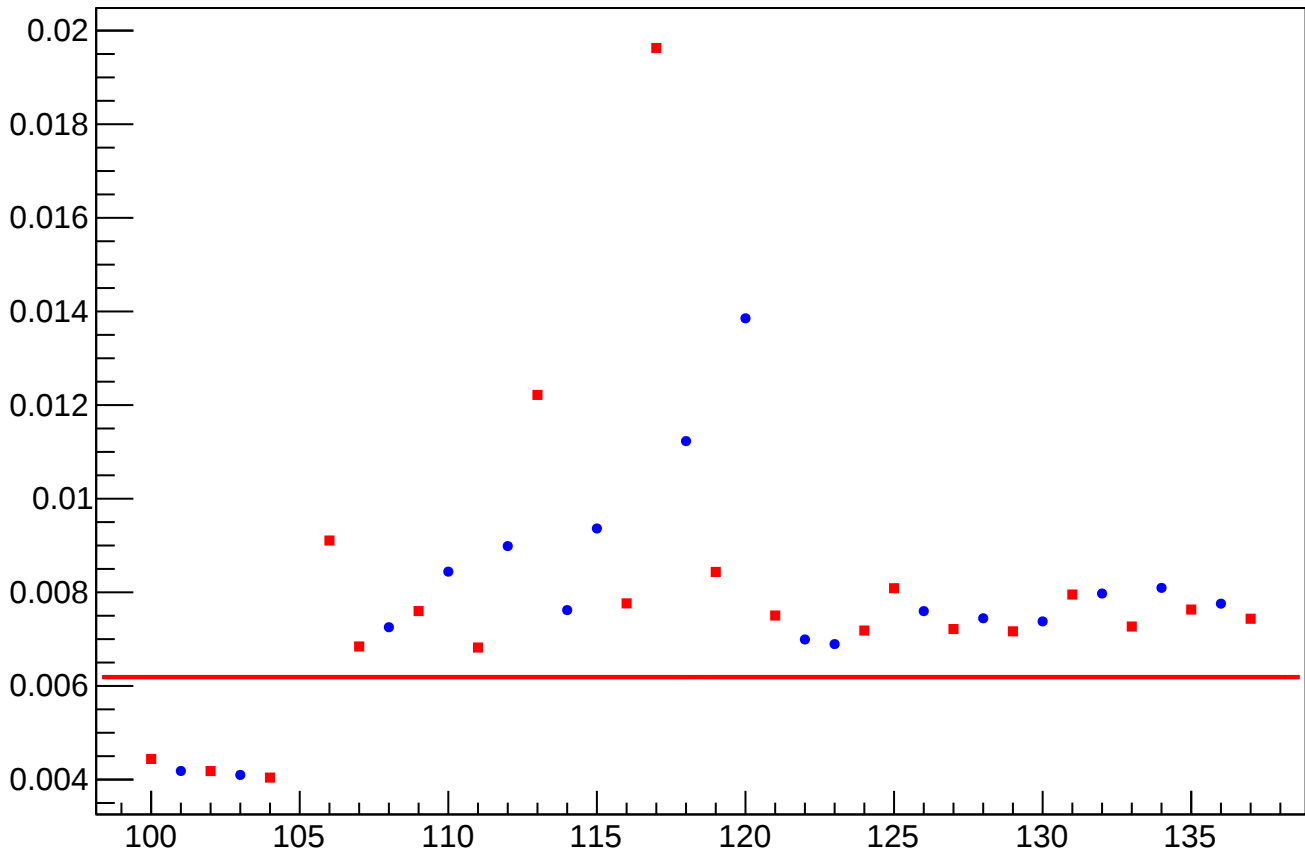
0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Right Out: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.830+/-0.000 χ^2/NDF : 33349713412.0/19

yield_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1228962.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

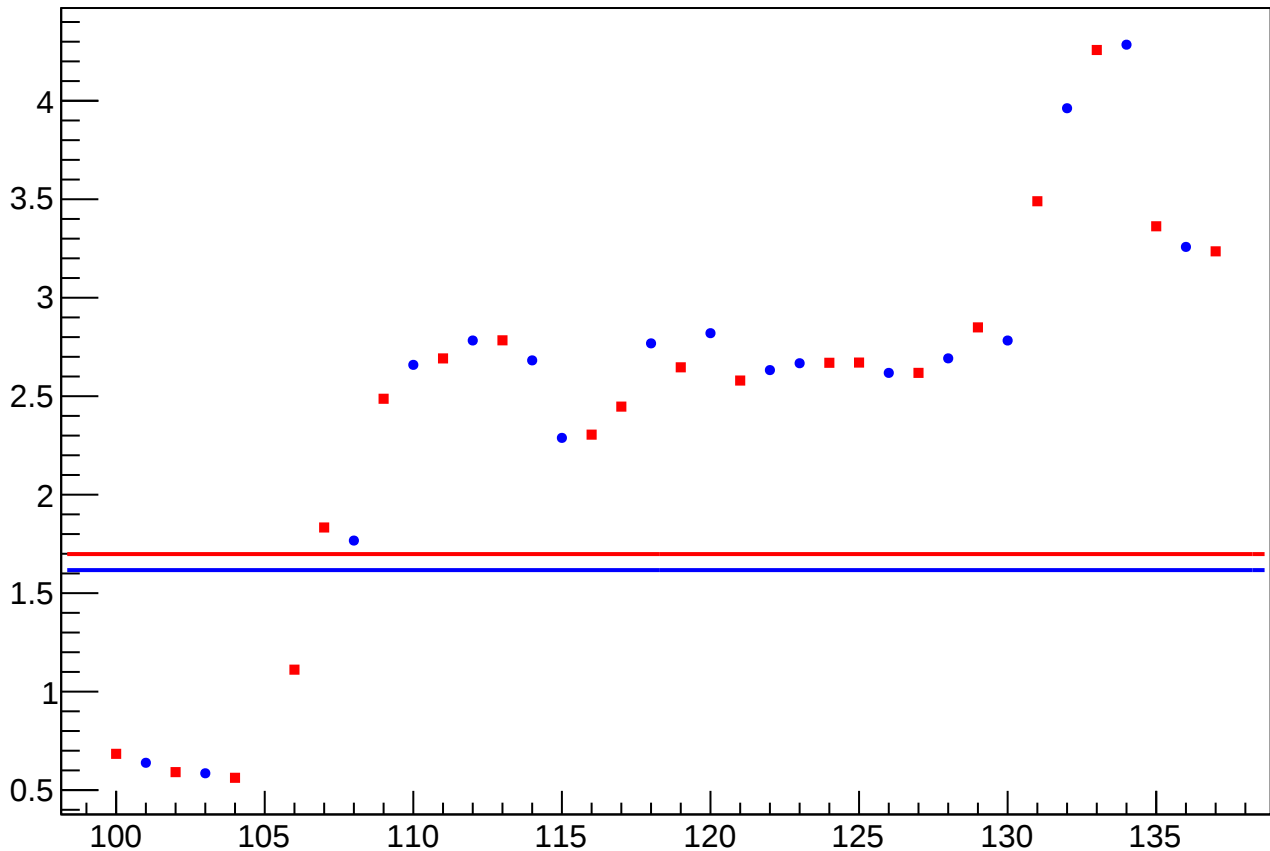
Right Out: 0.006+/-0.000 χ^2/NDF : 1062886.2/19

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 : 1062886.2/19

yield_bpm0l05Y_mean vs Slug



Right In: 1.617+/-0.000 χ^2/NDF : 202886791000.7/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

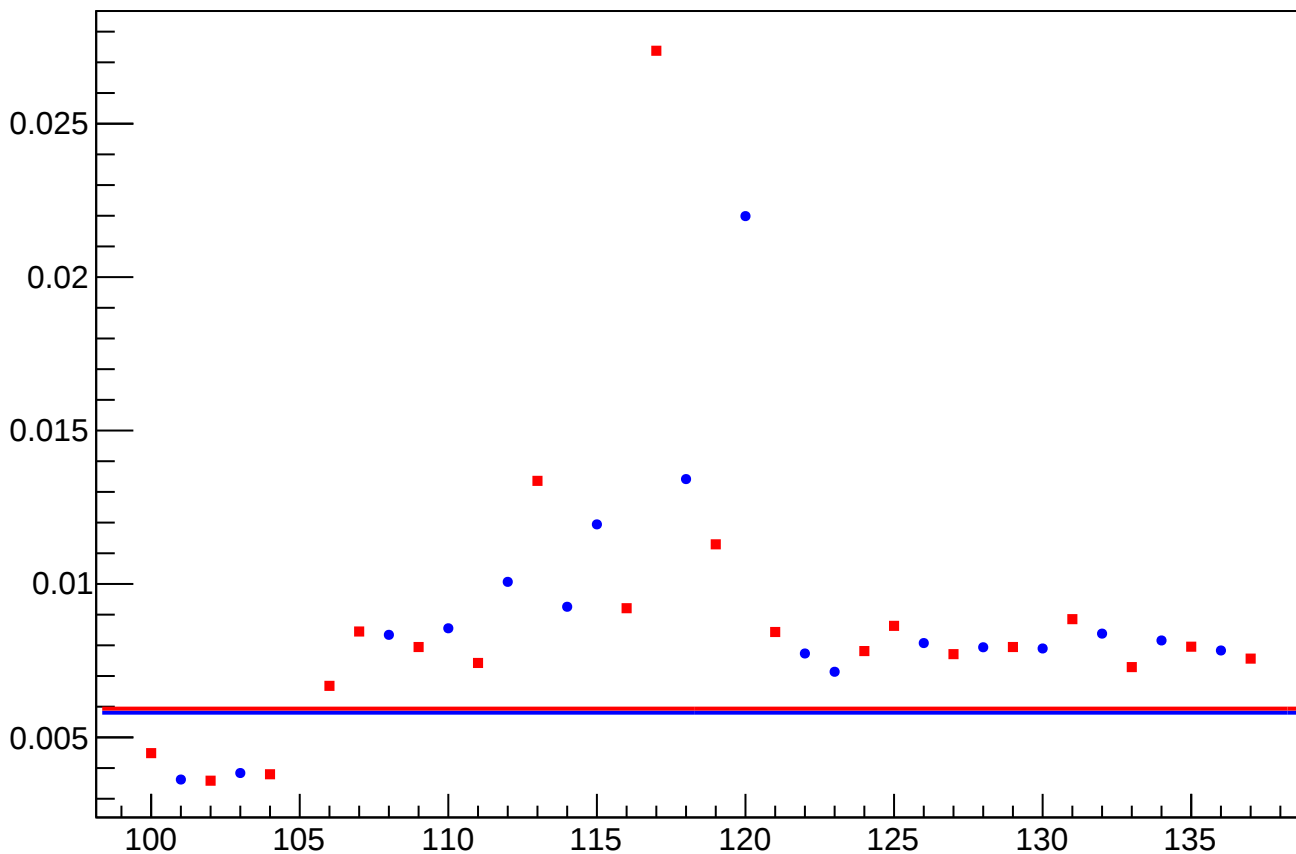
1.617+/-0.000 χ^2/NDF : 202886791000.7/16

Right Out: 1.698+/-0.000 χ^2/NDF : 227436227264.4/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

1.698+/-0.000 χ^2/NDF : 227436227264.4/19

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1917989.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

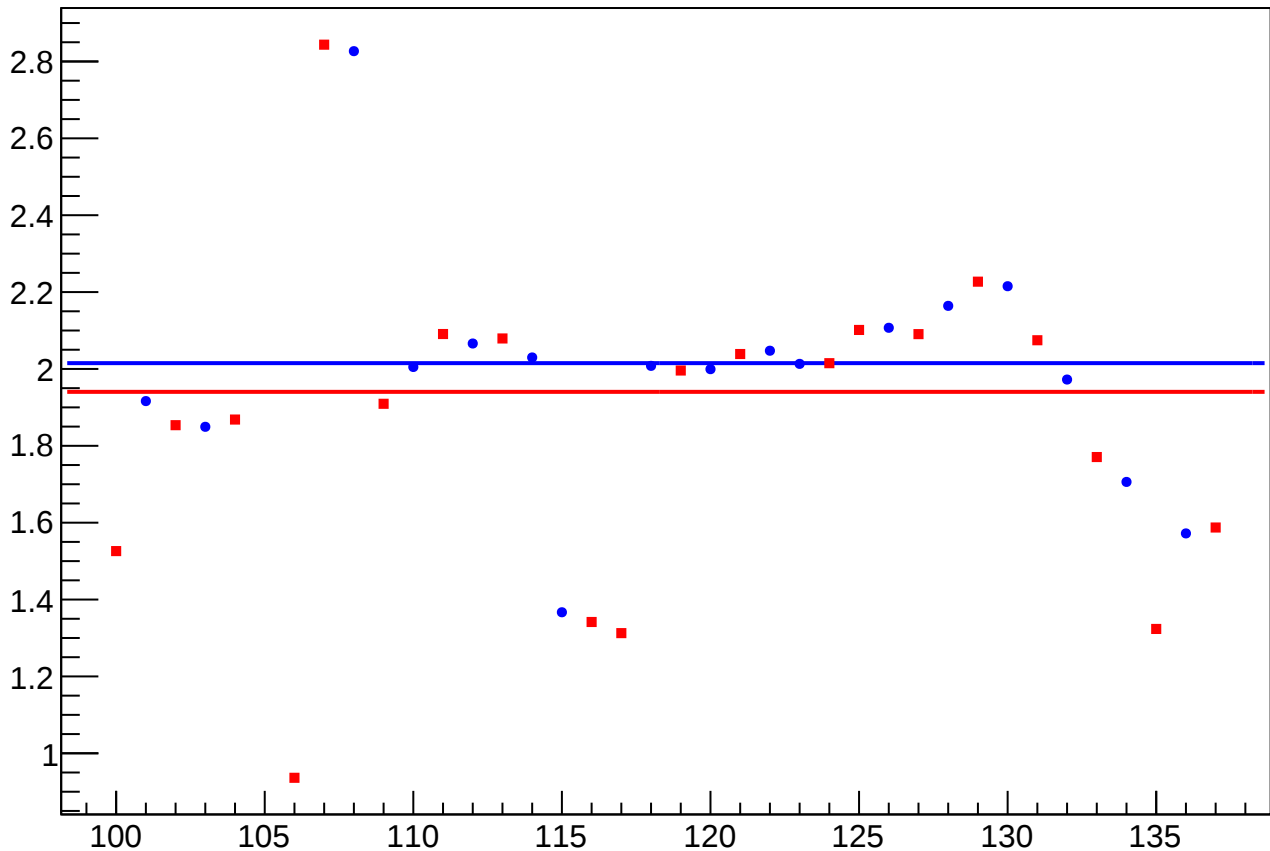
0.006+/-0.000 χ^2/NDF : 1917989.1/16

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 : 1731283.0/19

yield_bpm0l06X_mean vs Slug



Right In: 2.015+/-0.000 χ^2/NDF : 12228403202.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

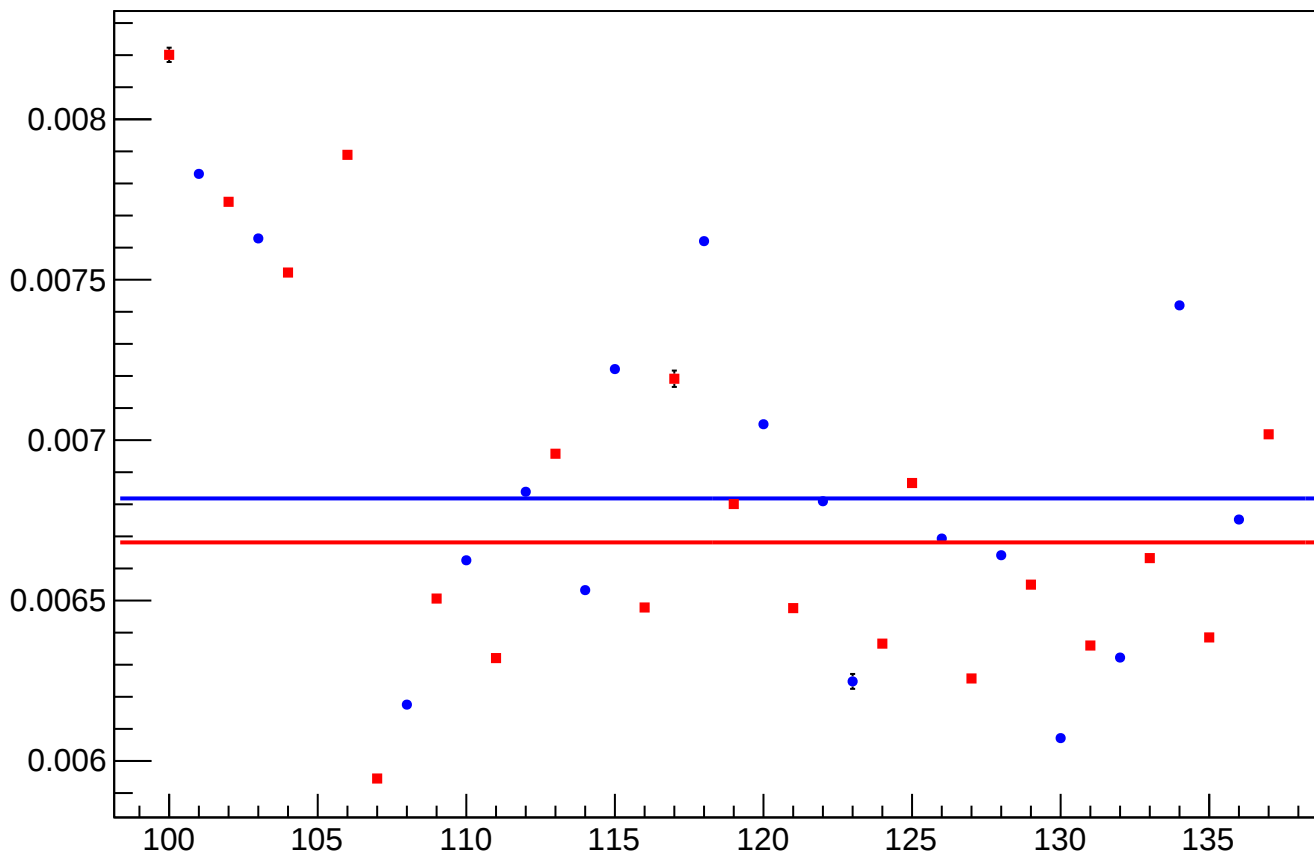
2.015+/-0.000 χ^2/NDF : 12228403202.6/16

Right Out: 1.940+/-0.000 χ^2/NDF : 21732099424.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.940+/-0.000 χ^2/NDF : 21732099424.5/19

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 75813.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

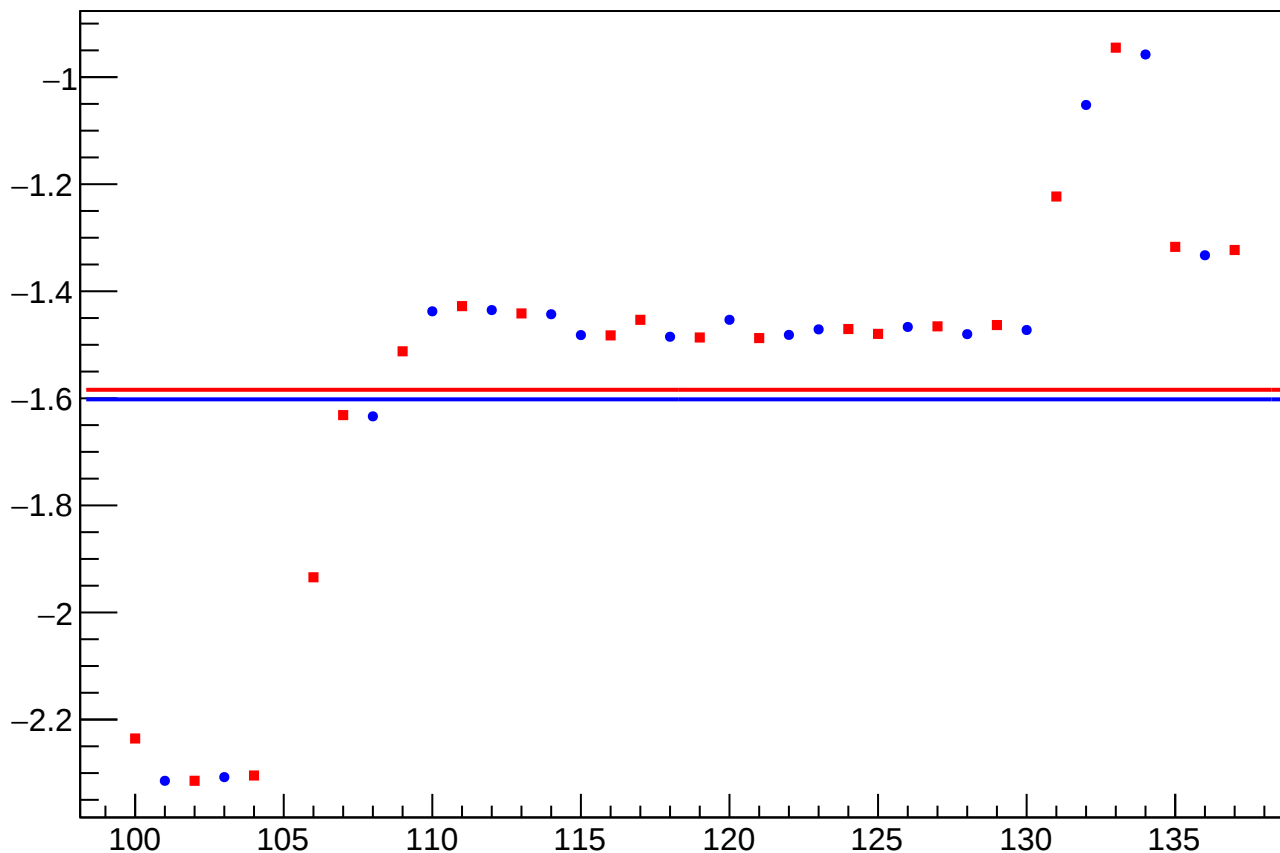
Right Out: 0.007+/-0.000 χ^2/NDF : 76121.2/19

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 : 76121.2/19

yield_bpm0l06Y_mean vs Slug



Right In: -1.602+/-0.000 χ^2/NDF : 140200656044.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

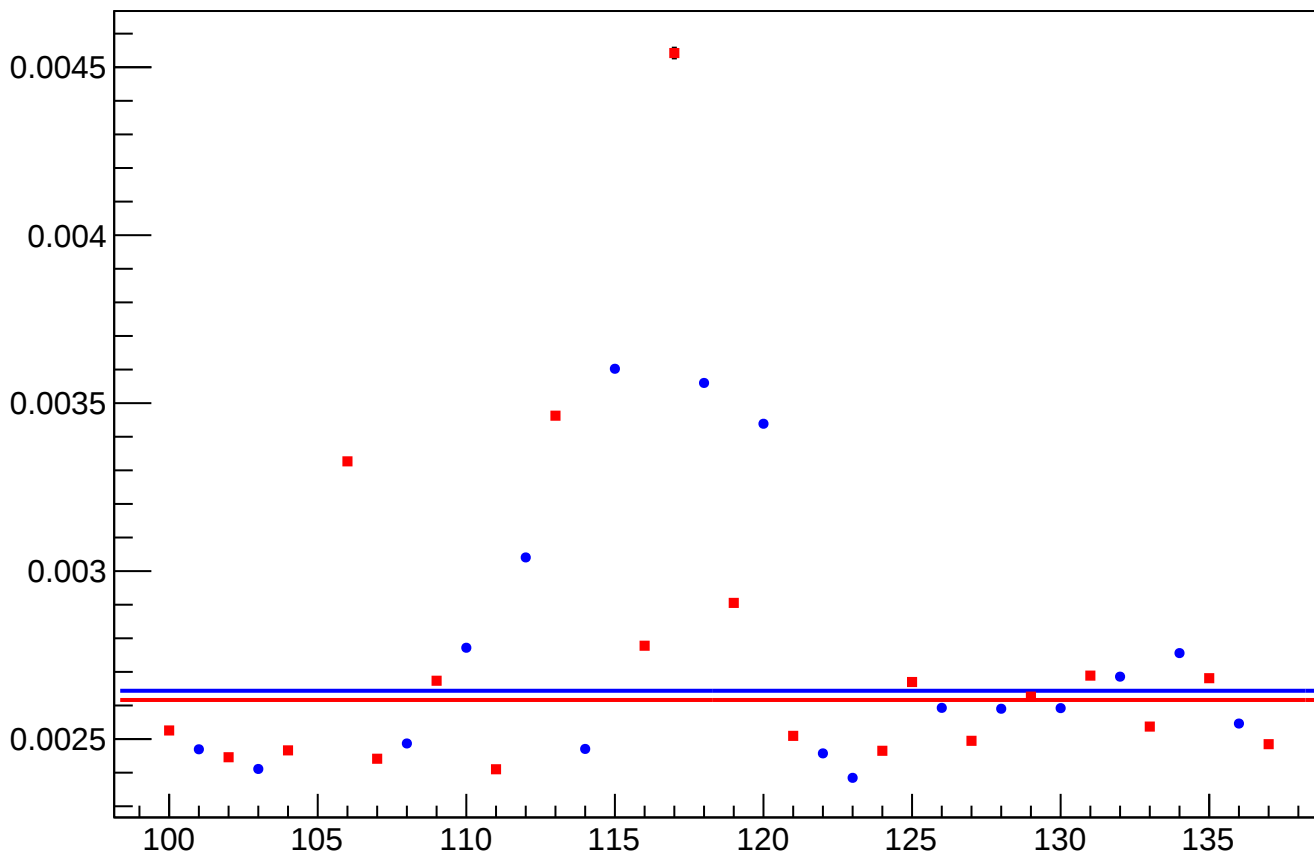
Right Out: -1.584+/-0.000 χ^2/NDF : 143612120137.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.602+/-0.000 χ^2/NDF : 140200656044.3/16

-1.584+/-0.000 χ^2/NDF : 143612120137.8/19

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 151383.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

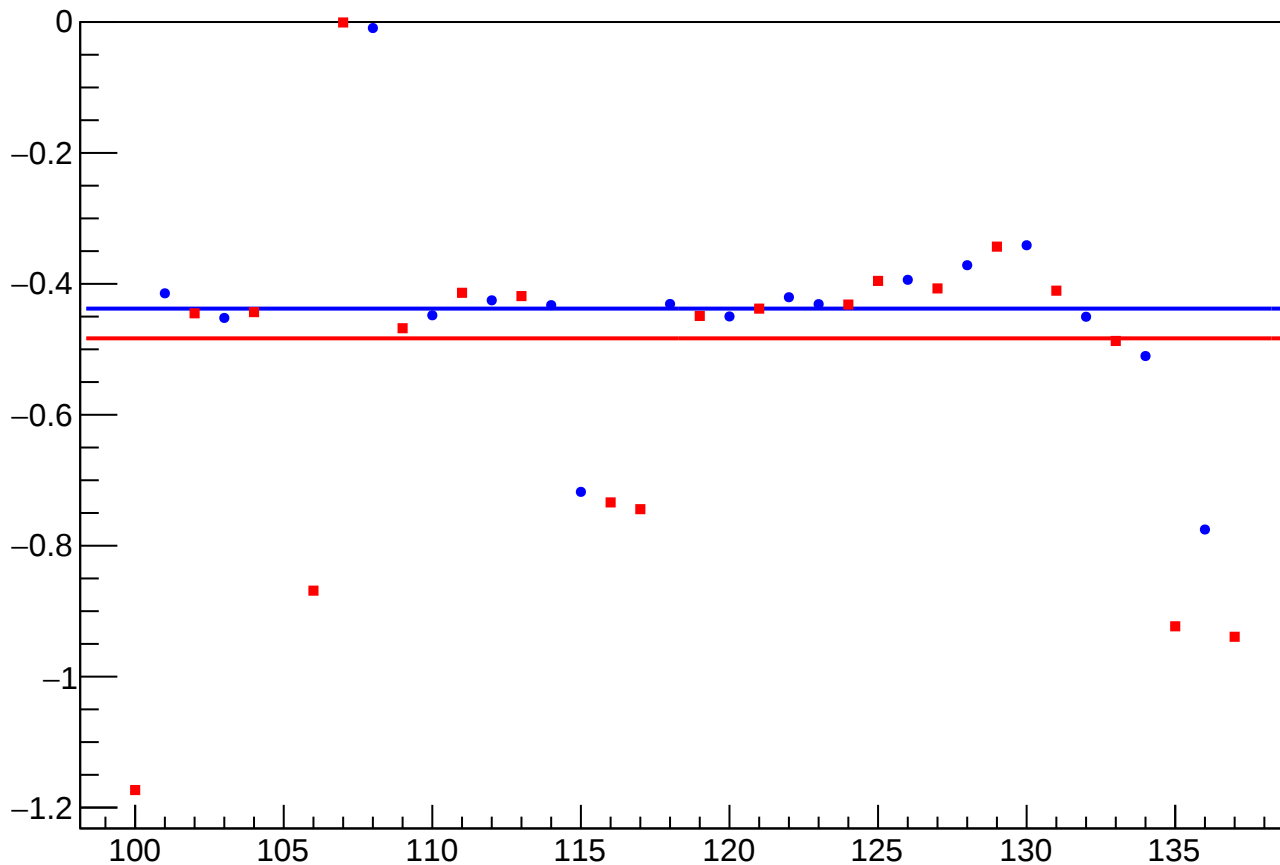
Right Out: 0.003+/-0.000 χ^2/NDF : 119852.1/19

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 : 119852.1/19

yield_bpm0l07X_mean vs Slug



Right In: -0.438+/-0.000 χ^2/NDF : 1462454117.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

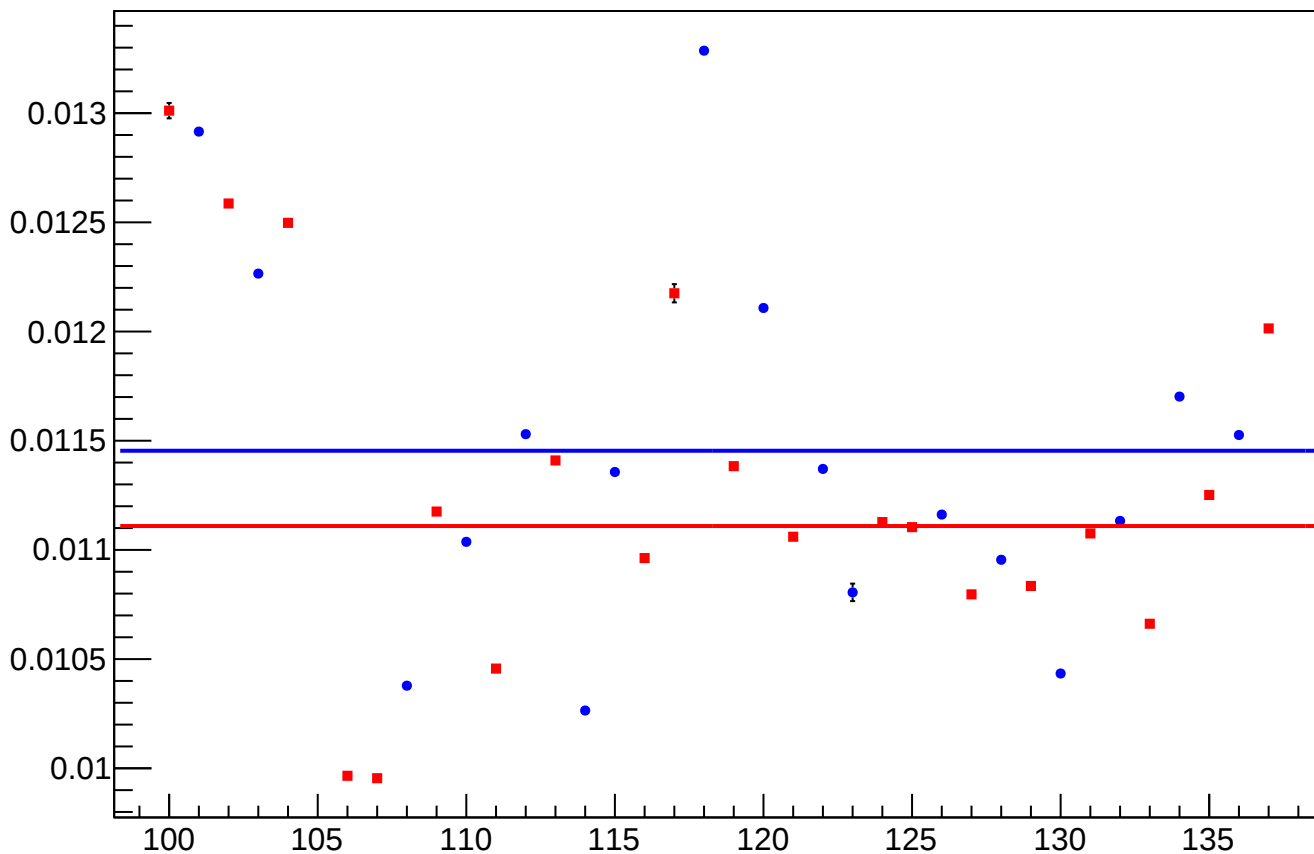
Right Out: -0.483+/-0.000 χ^2/NDF : 2714164016.2/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.438+/-0.000 χ^2/NDF : 1462454117.6/16

-0.483+/-0.000 χ^2/NDF : 2714164016.2/19

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 64687.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

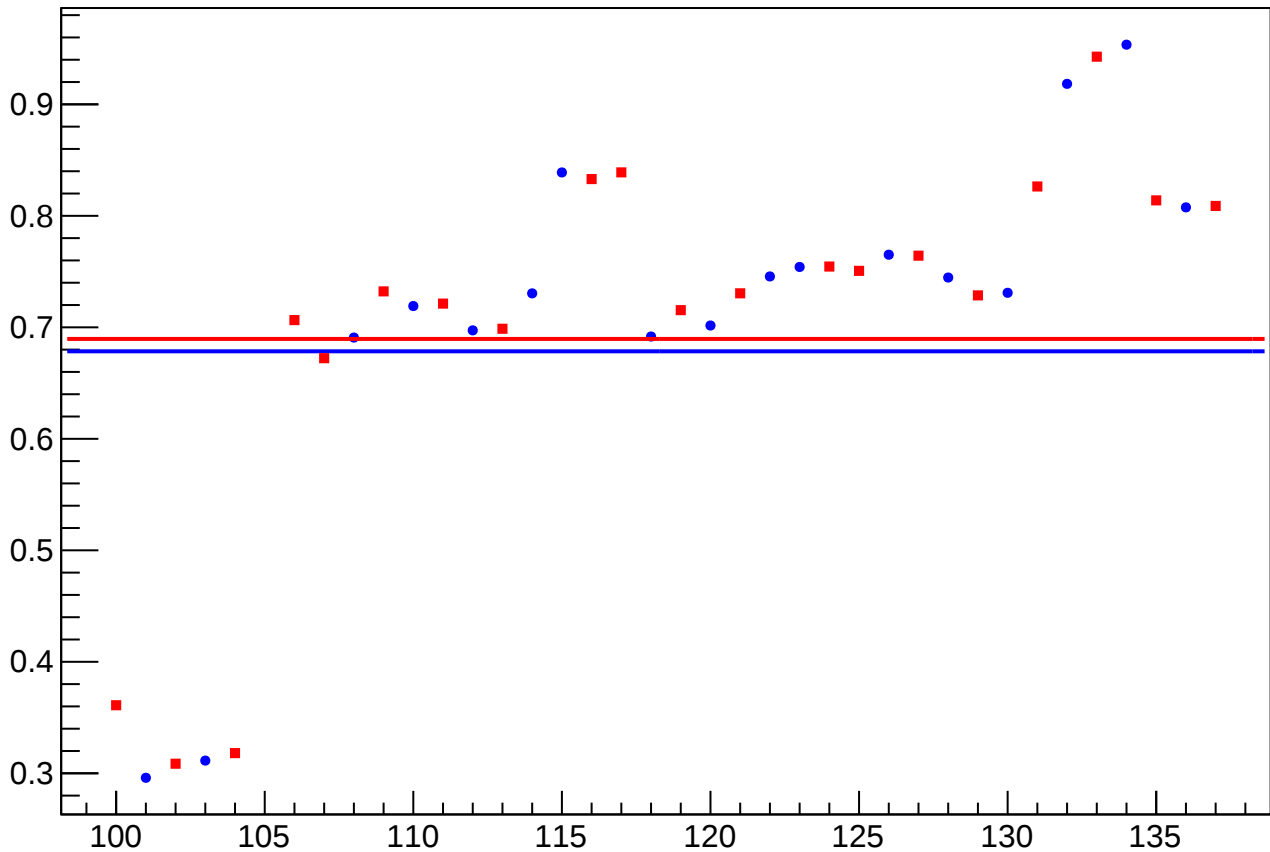
Right Out: 0.011+/-0.000 χ^2/NDF : 56696.9/19

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 : 56696.9/19

yield_bpm0l07Y_mean vs Slug



Right In: 0.678+/-0.000 χ^2/NDF : 38506442638.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

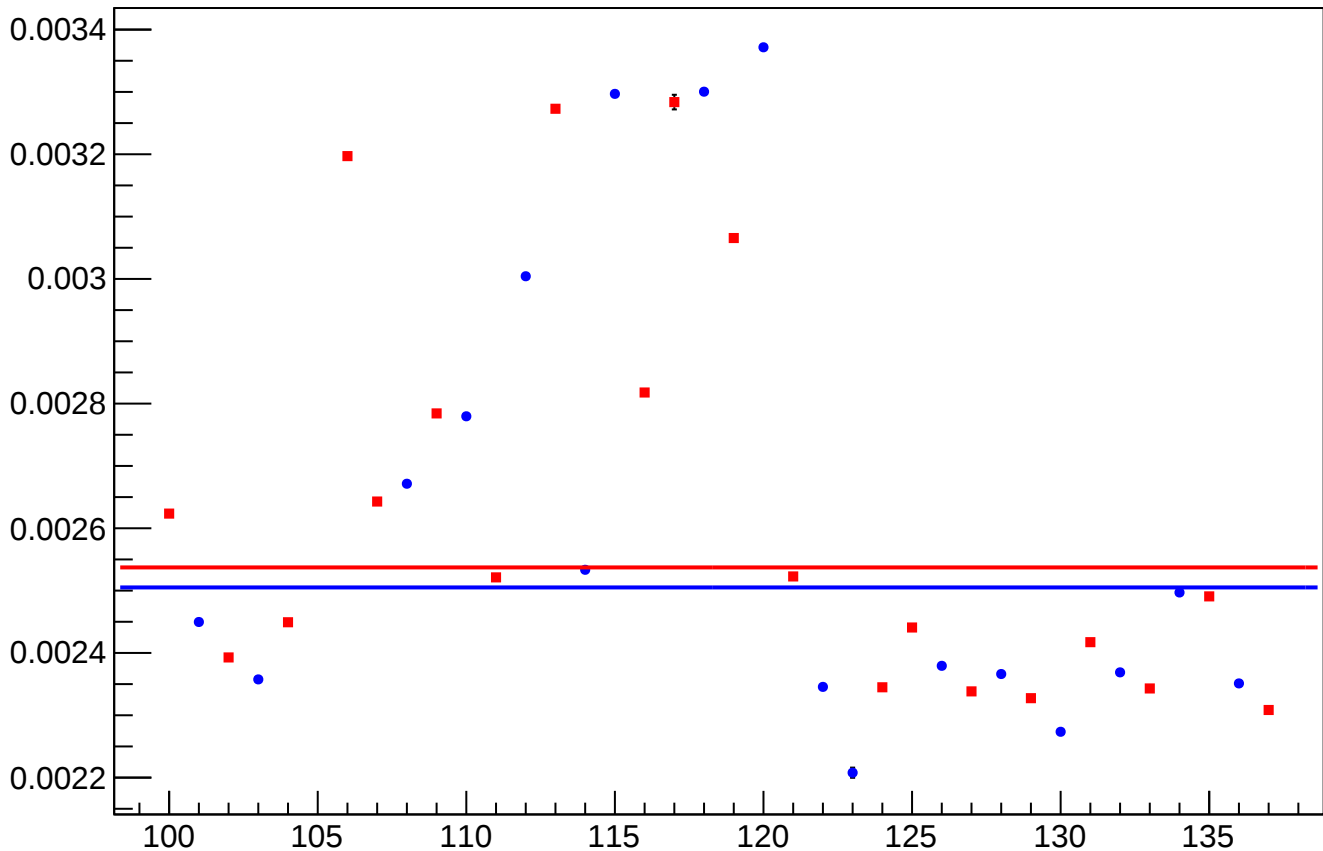
0.678+/-0.000 χ^2/NDF : 38506442638.3/16

Right Out: 0.690+/-0.000 χ^2/NDF : 35439496983.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.690+/-0.000 χ^2/NDF : 35439496983.3/19

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 175524.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

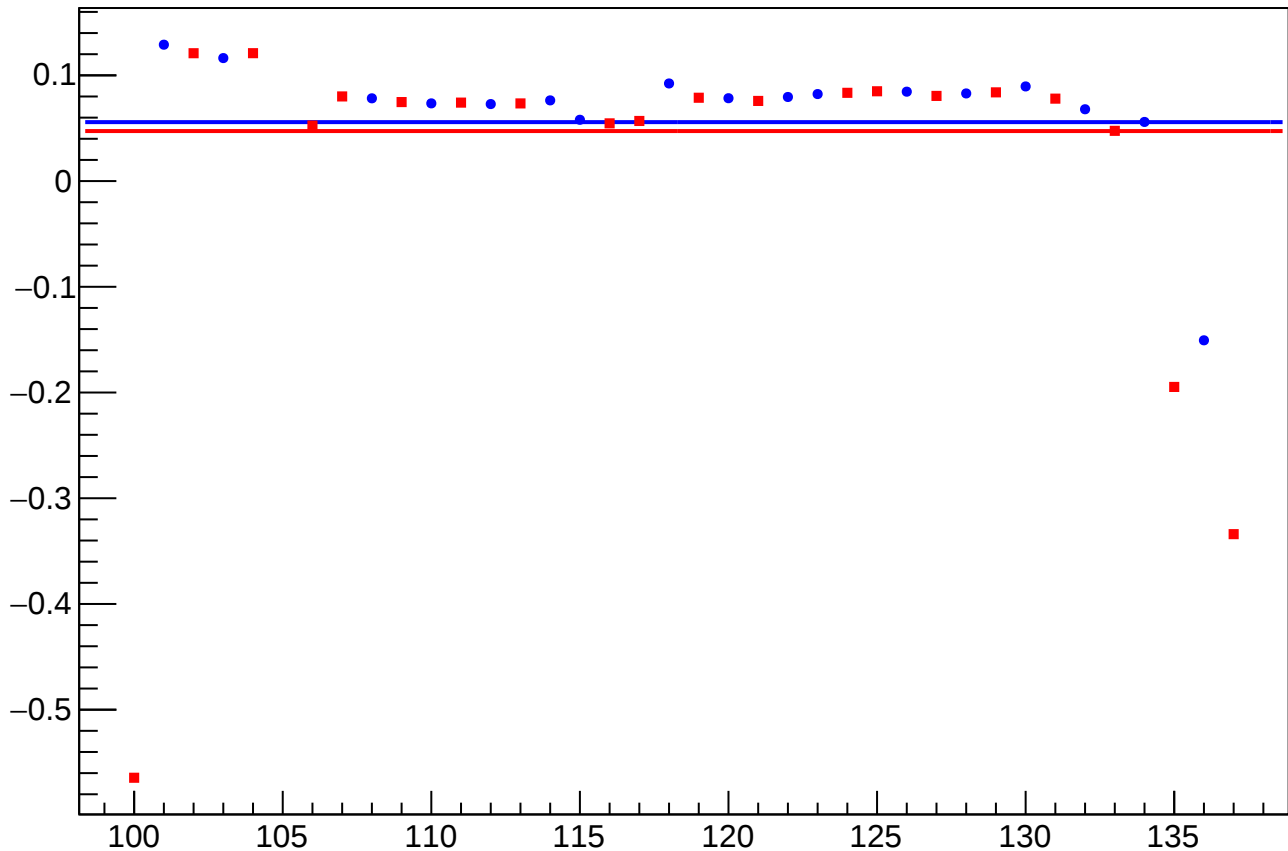
Right Out: 0.003+/-0.000 χ^2/NDF : 135649.7/19

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 : 135649.7/19

yield_bpm0l08X_mean vs Slug



Right In: 0.056+/-0.000 χ^2/NDF : 423003688.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

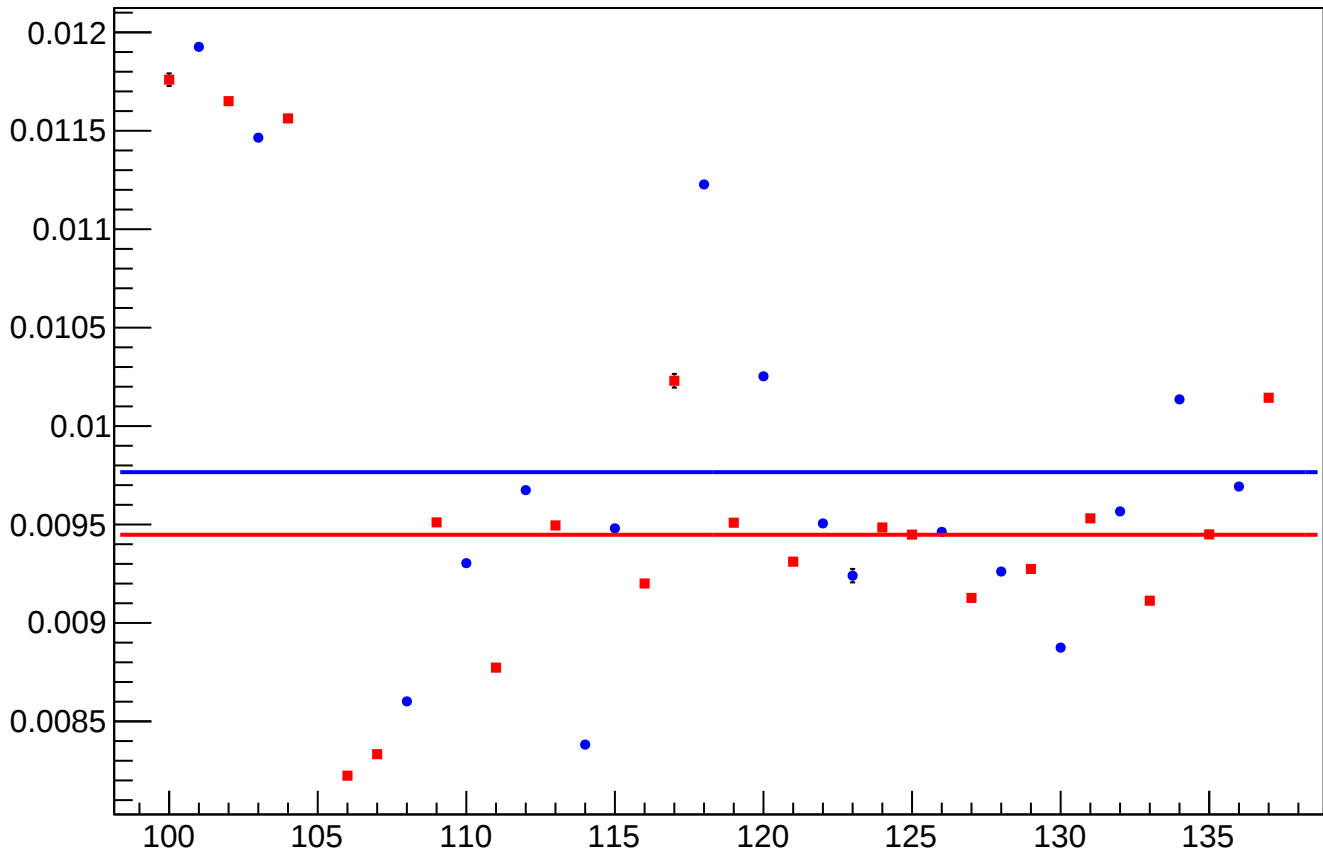
0.056+/-0.000 χ^2/NDF : 423003688.1/16

Right Out: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.047+/-0.000 χ^2/NDF : 819626031.7/19

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 116638.3/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

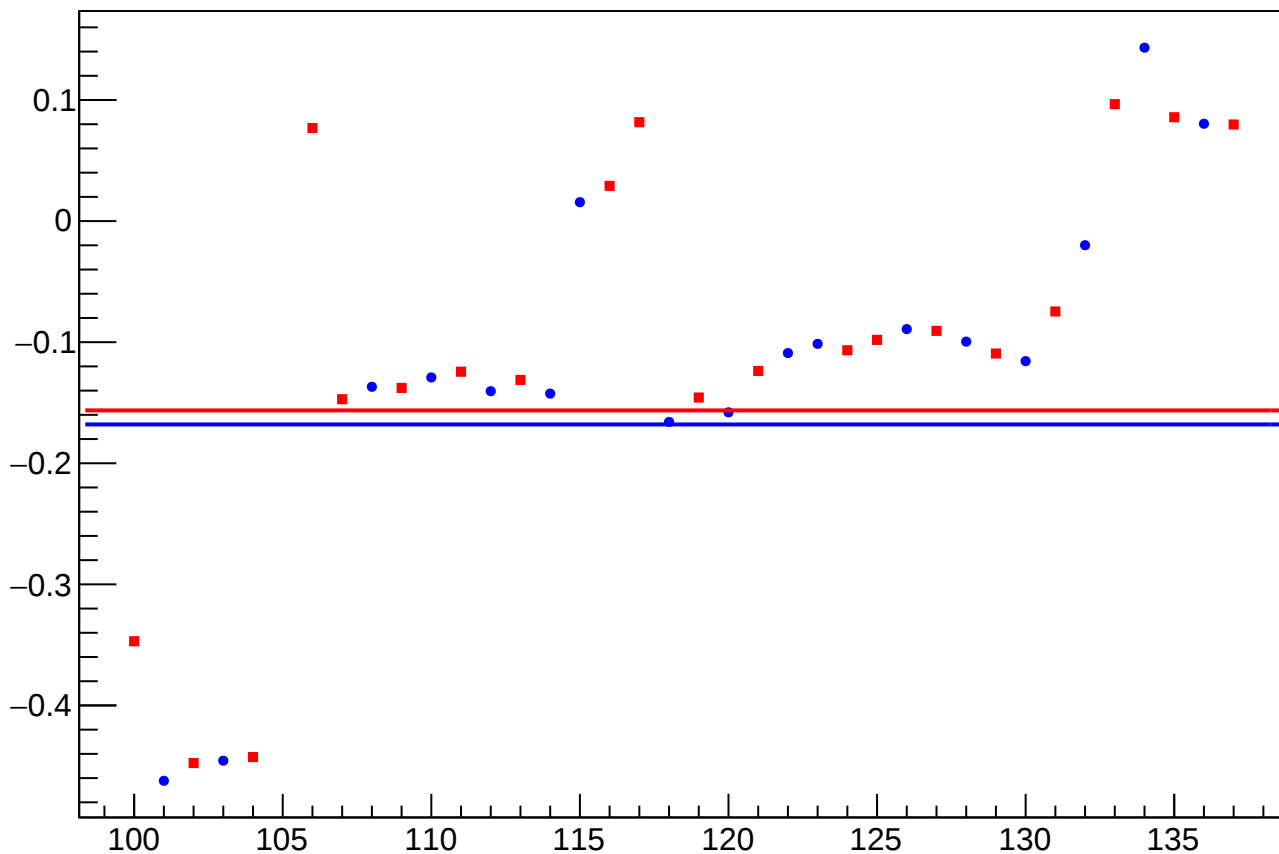
Right Out: 0.009+/-0.000 χ^2/NDF : 111197.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 116638.3/16

0.009+/-0.000 χ^2/NDF : 111197.0/19

yield_bpm0l08Y_mean vs Slug



Right In: -0.168+/-0.000 χ^2/NDF : 12331812610.6/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

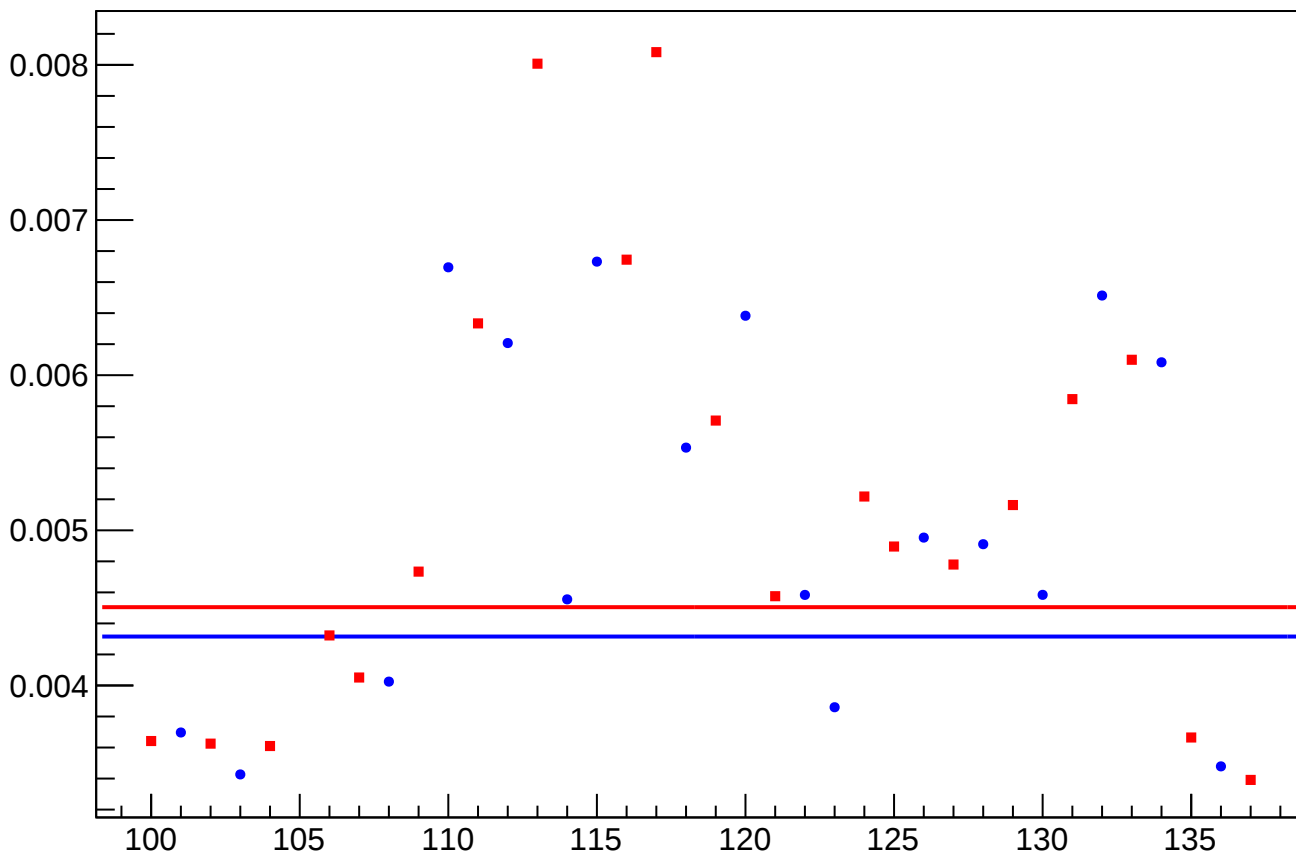
Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-0.168+/-0.000 χ^2/NDF : 12331812610.6/16

-0.156+/-0.000 χ^2/NDF : 11061140252.3/19

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 619744.7/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

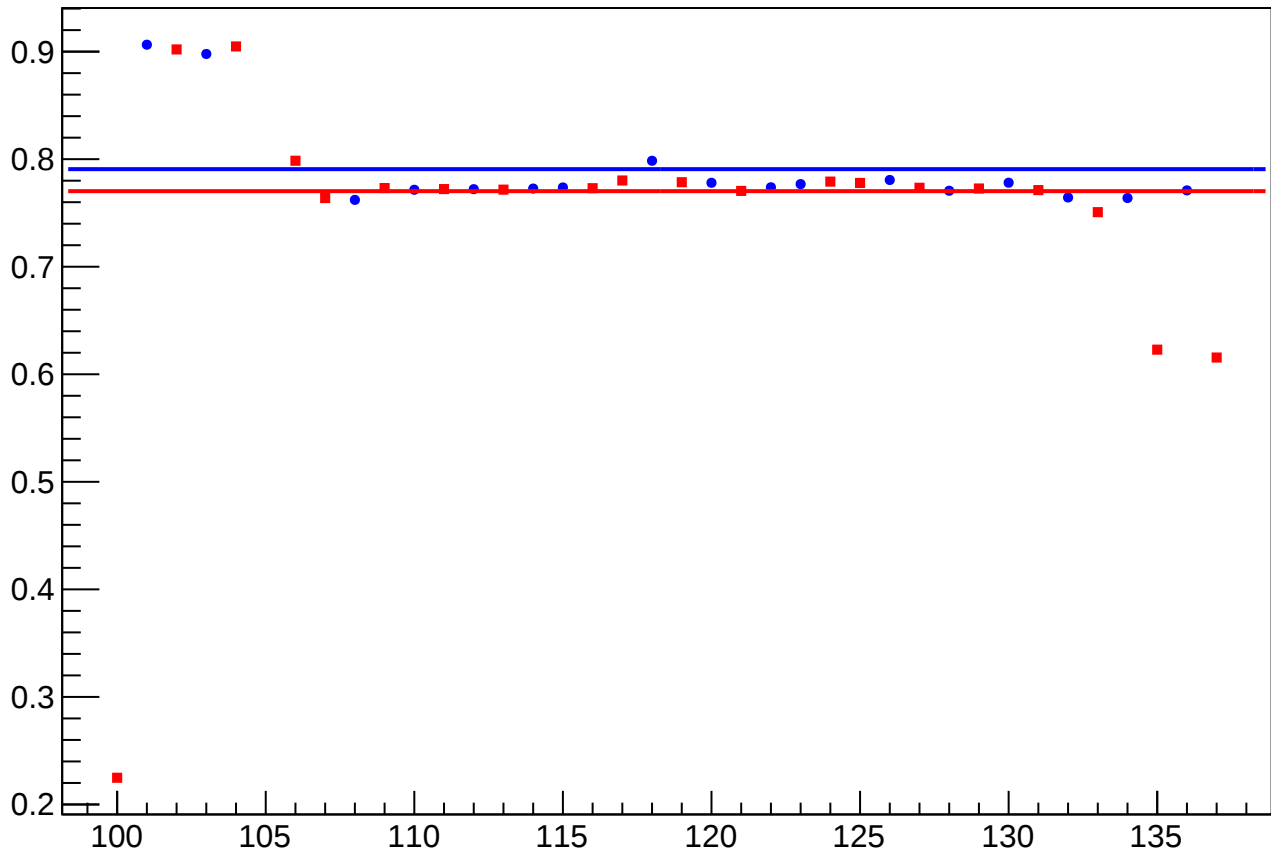
Right Out: 0.005+/-0.000 χ^2/NDF : 665152.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 619744.7/16

0.005+/-0.000 χ^2/NDF : 665152.6/19

yield_bpm0l09X_mean vs Slug



Right In: 0.791+/-0.000 χ^2/NDF : 106705767.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

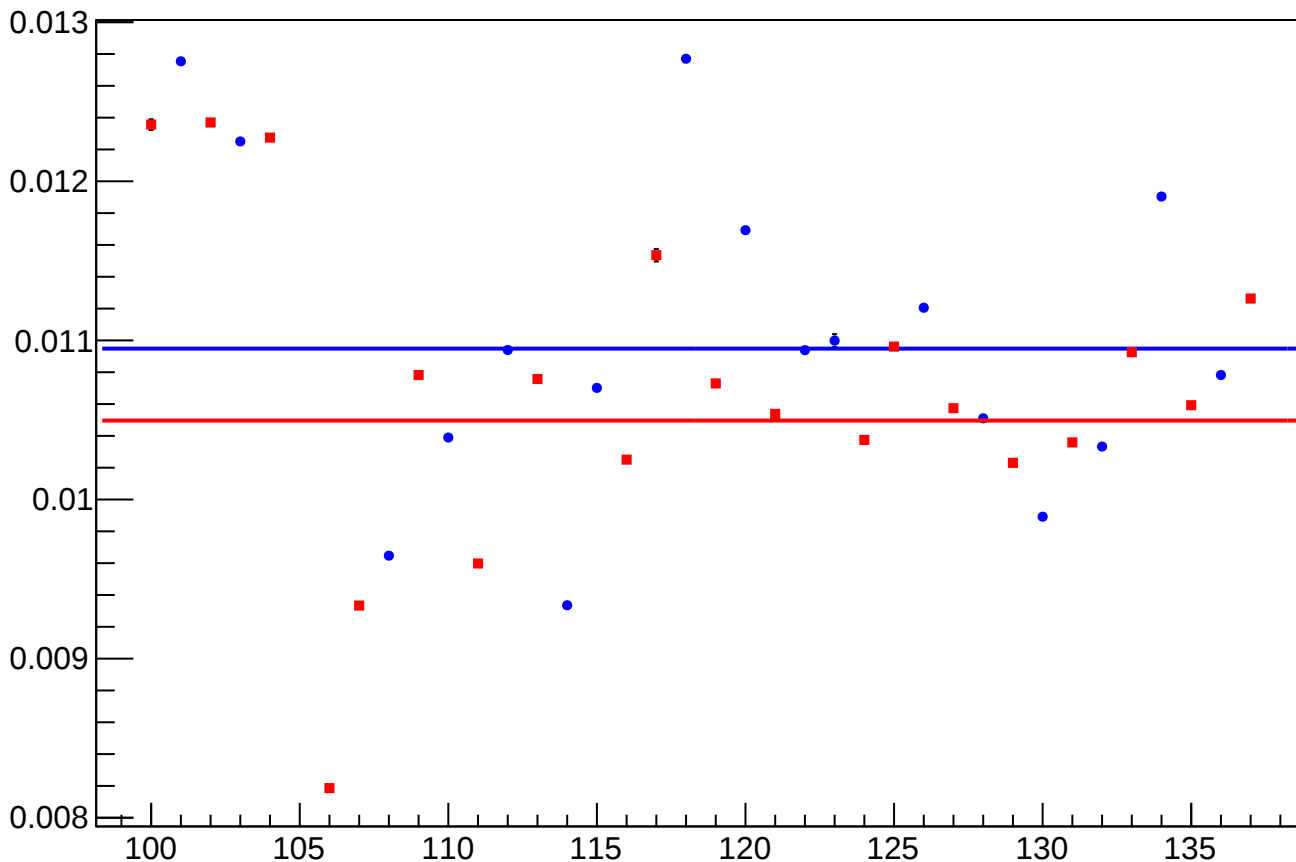
0.791+/-0.000 χ^2/NDF : 106705767.1/16

Right Out: 0.770+/-0.000 χ^2/NDF : 375473971.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.770+/-0.000 χ^2/NDF : 375473971.0/19

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 98551.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

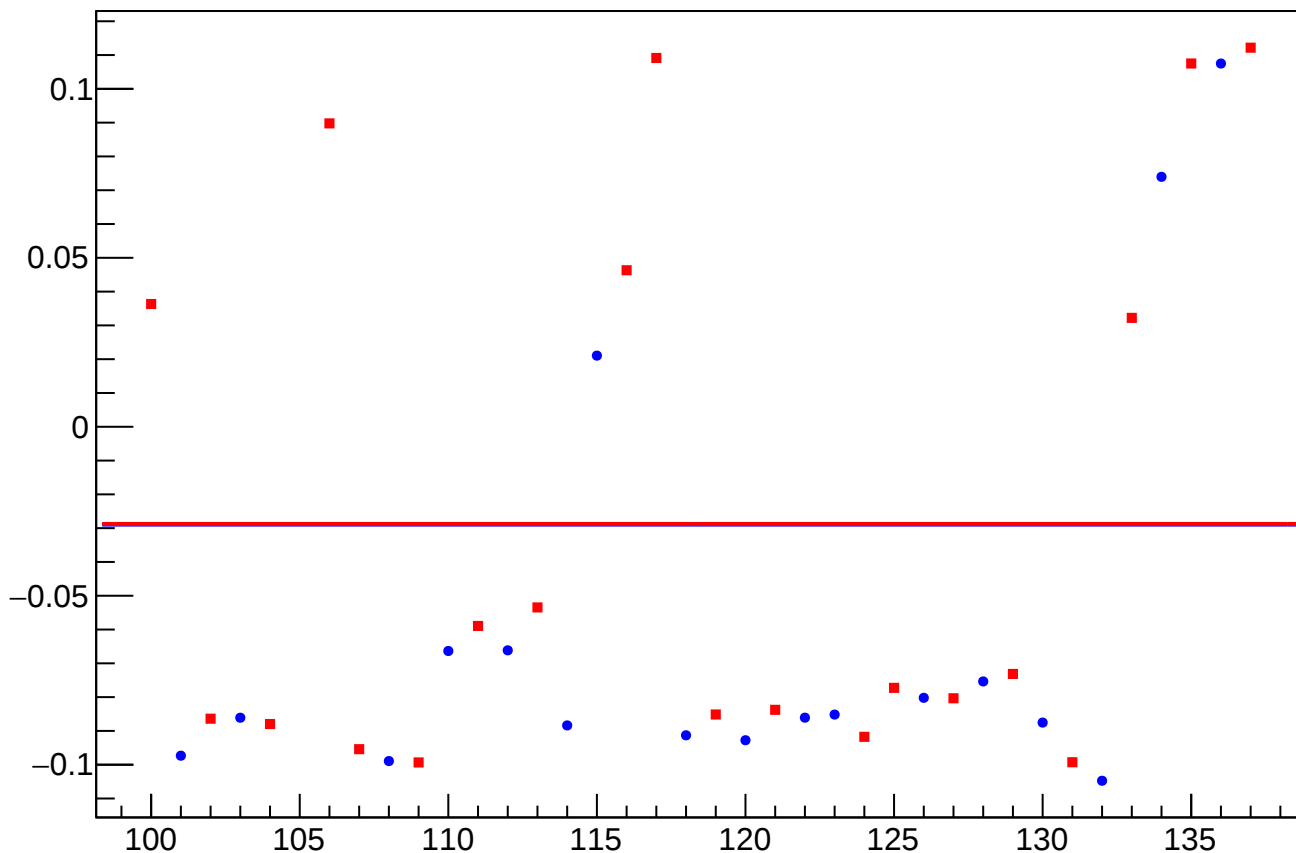
Right Out: 0.010+/-0.000 χ^2/NDF : 120120.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 98551.4/16

0.010+/-0.000 χ^2/NDF : 120120.6/19

yield_bpm0l09Y_mean vs Slug



Right In: -0.029+/-0.000 χ^2/NDF : 2445975608.2/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

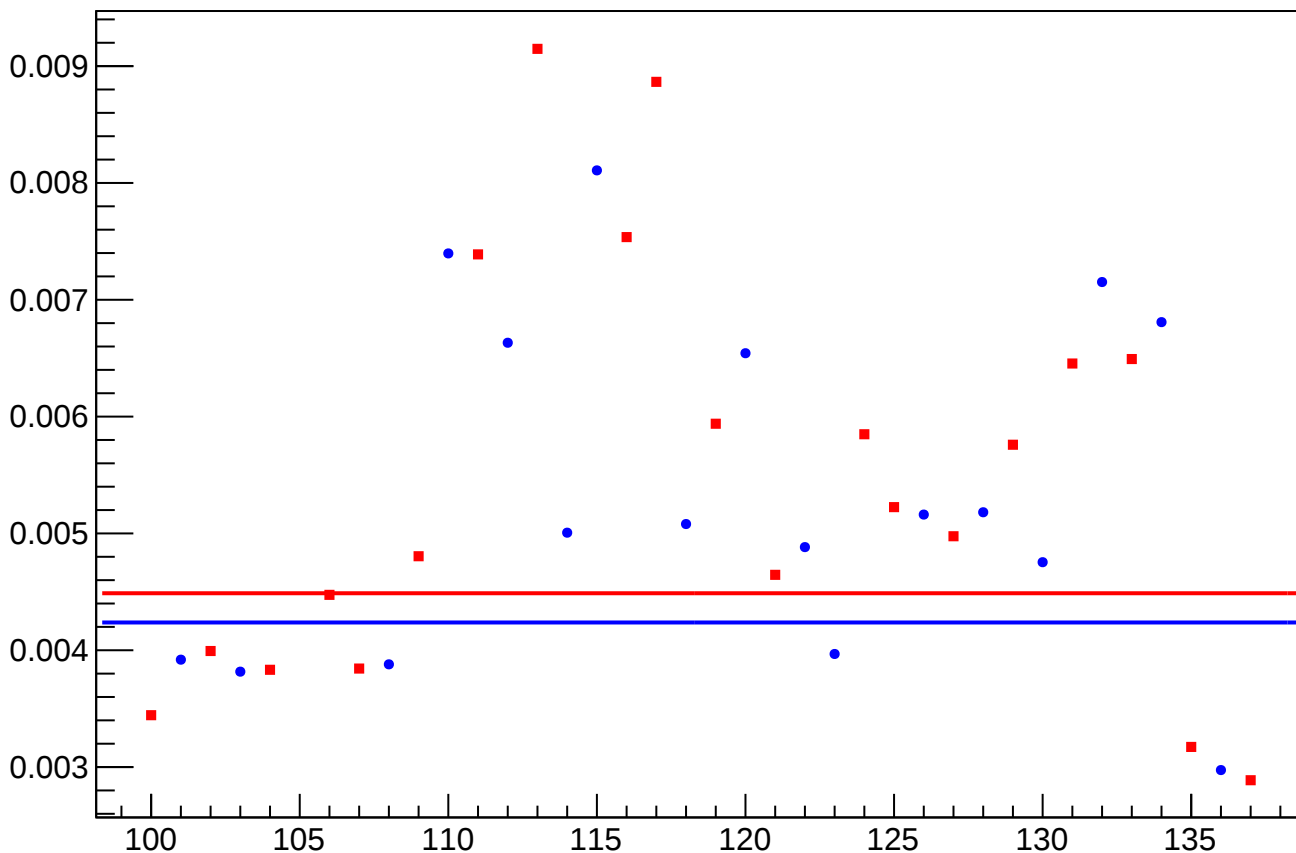
Right Out: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

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 : 2122918772.1/19

yield_bpm0l09Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 881584.1/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

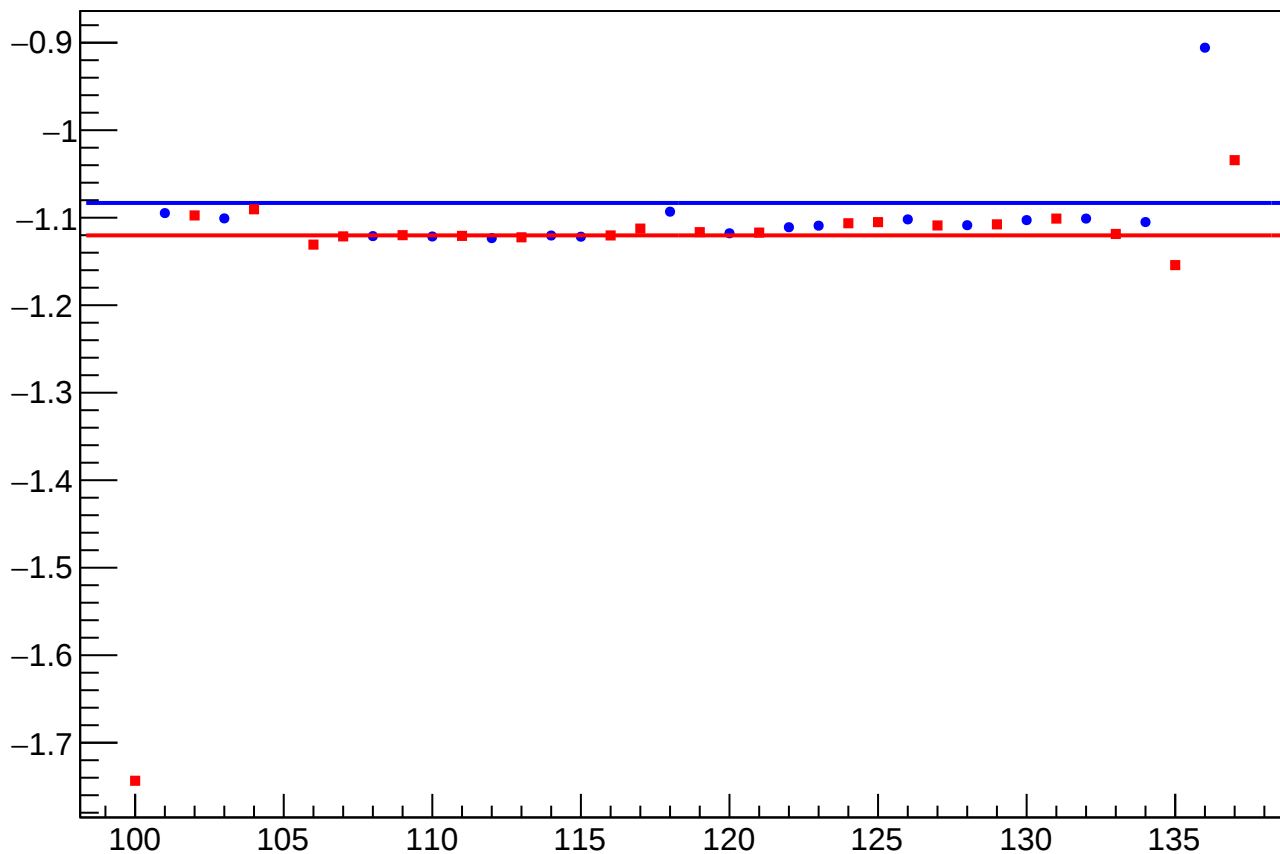
Right Out: 0.004+/-0.000 χ^2/NDF : 1003473.4/19

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 : 1003473.4/19

yield_bpm0l10X_mean vs Slug



Right In: -1.083+/-0.000 χ^2/NDF : 202920901.6/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

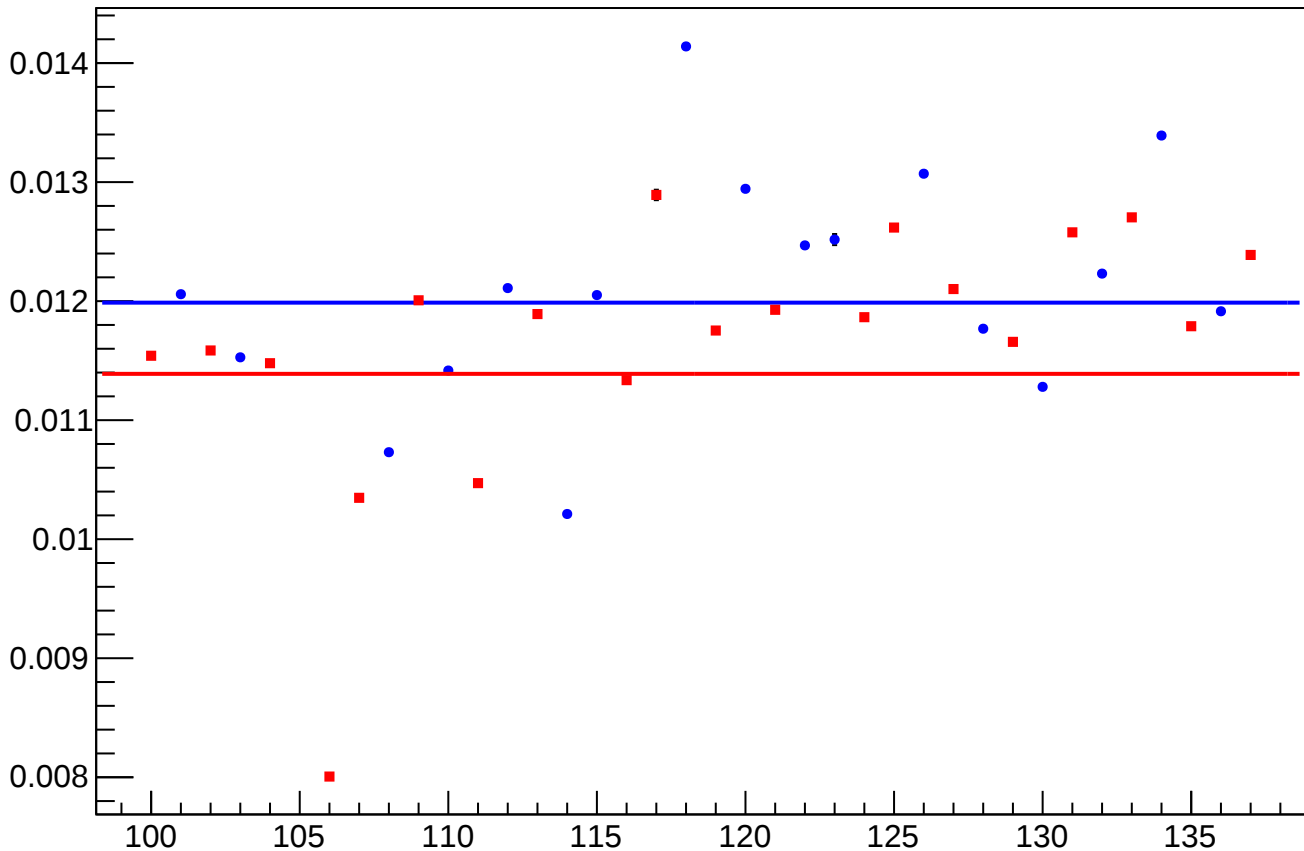
Right Out: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.083+/-0.000 χ^2/NDF : 202920901.6/16

-1.120+/-0.000 χ^2/NDF : 220586820.0/19

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 60402.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

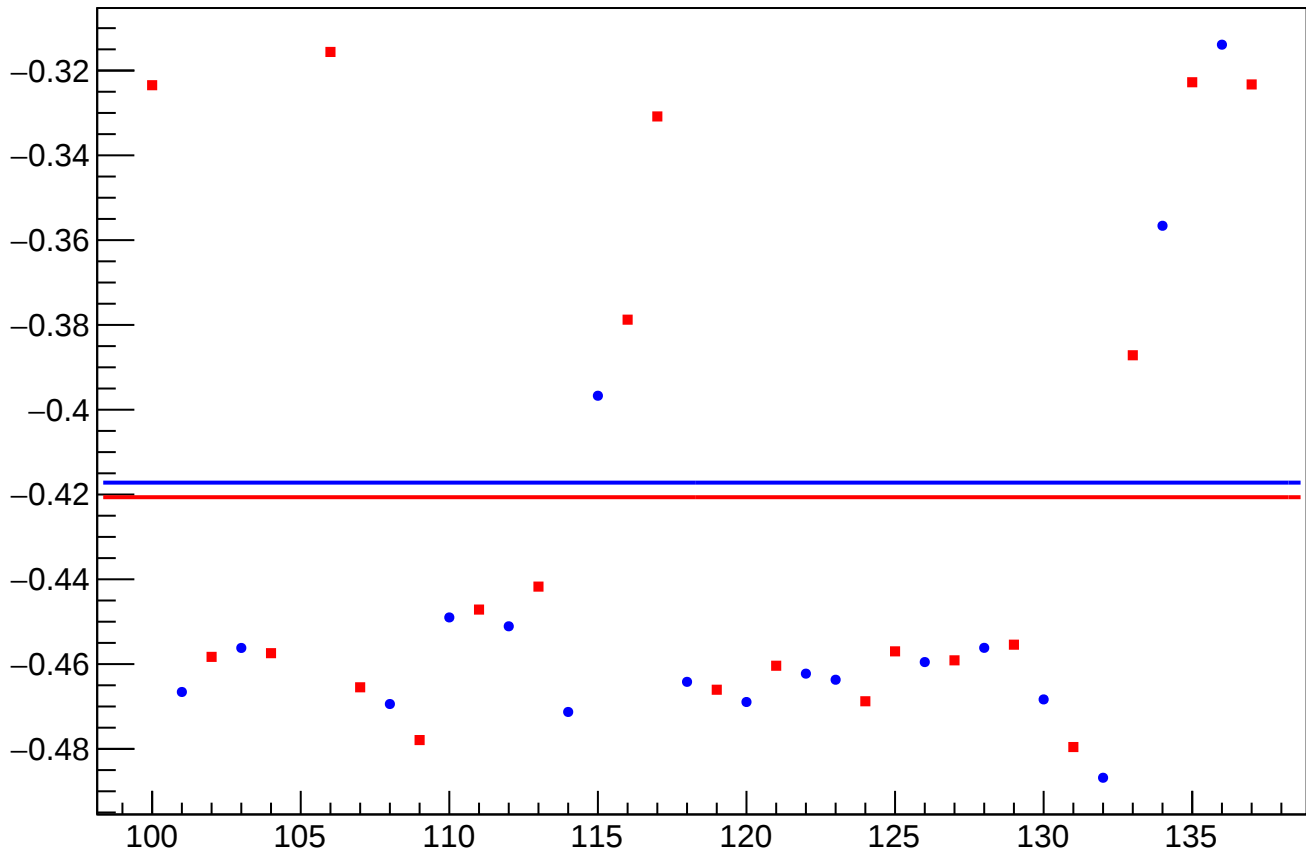
Right Out: 0.011+/-0.000 χ^2/NDF : 155700.3/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 60402.0/16

0.011+/-0.000 χ^2/NDF : 155700.3/19

yield_bpm0l10Y_mean vs Slug



Right In: -0.417+/-0.000 χ^2/NDF : 2039045143.8/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

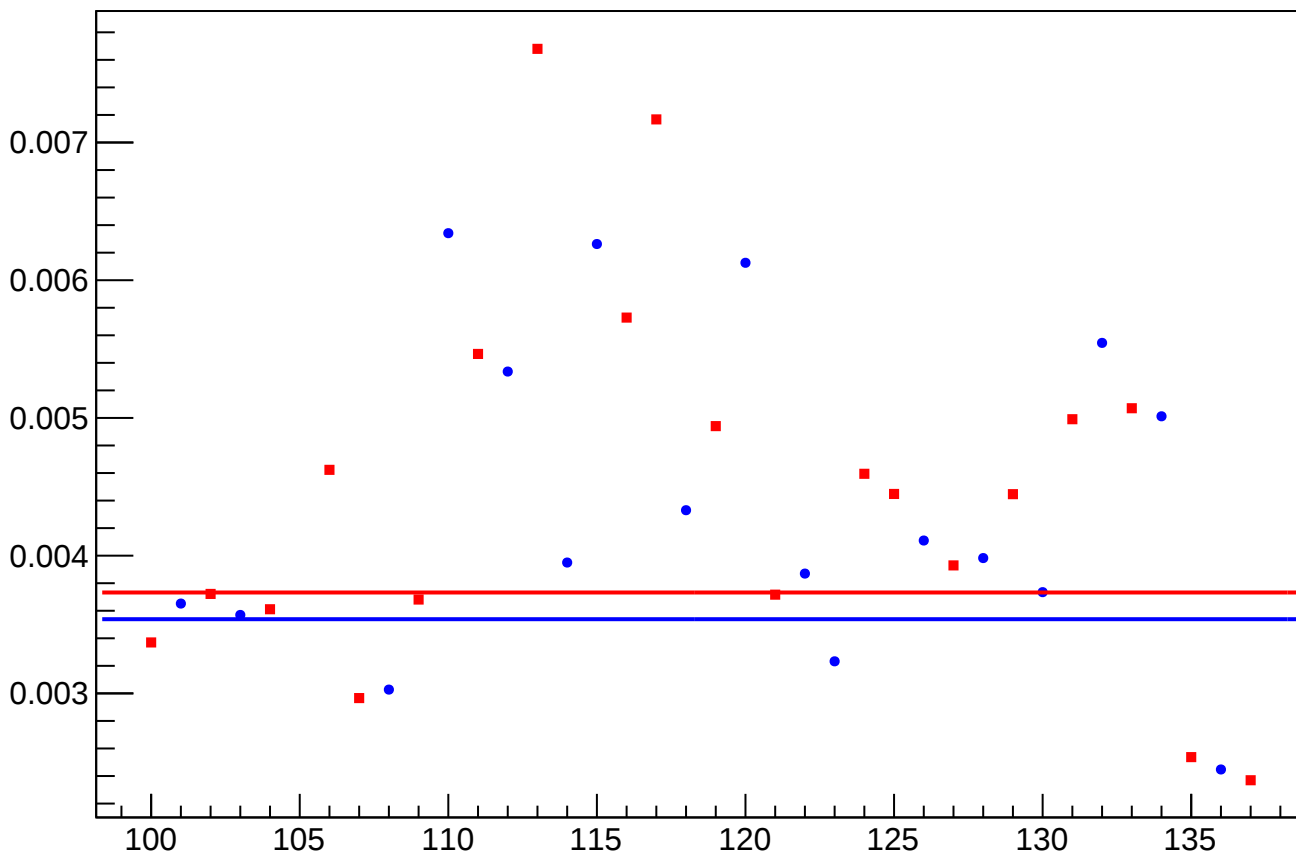
-0.417+/-0.000 χ^2/NDF : 2039045143.8/16

Right Out: -0.421+/-0.000 χ^2/NDF : 1652792044.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.421+/-0.000 χ^2/NDF : 1652792044.5/19

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 836154.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

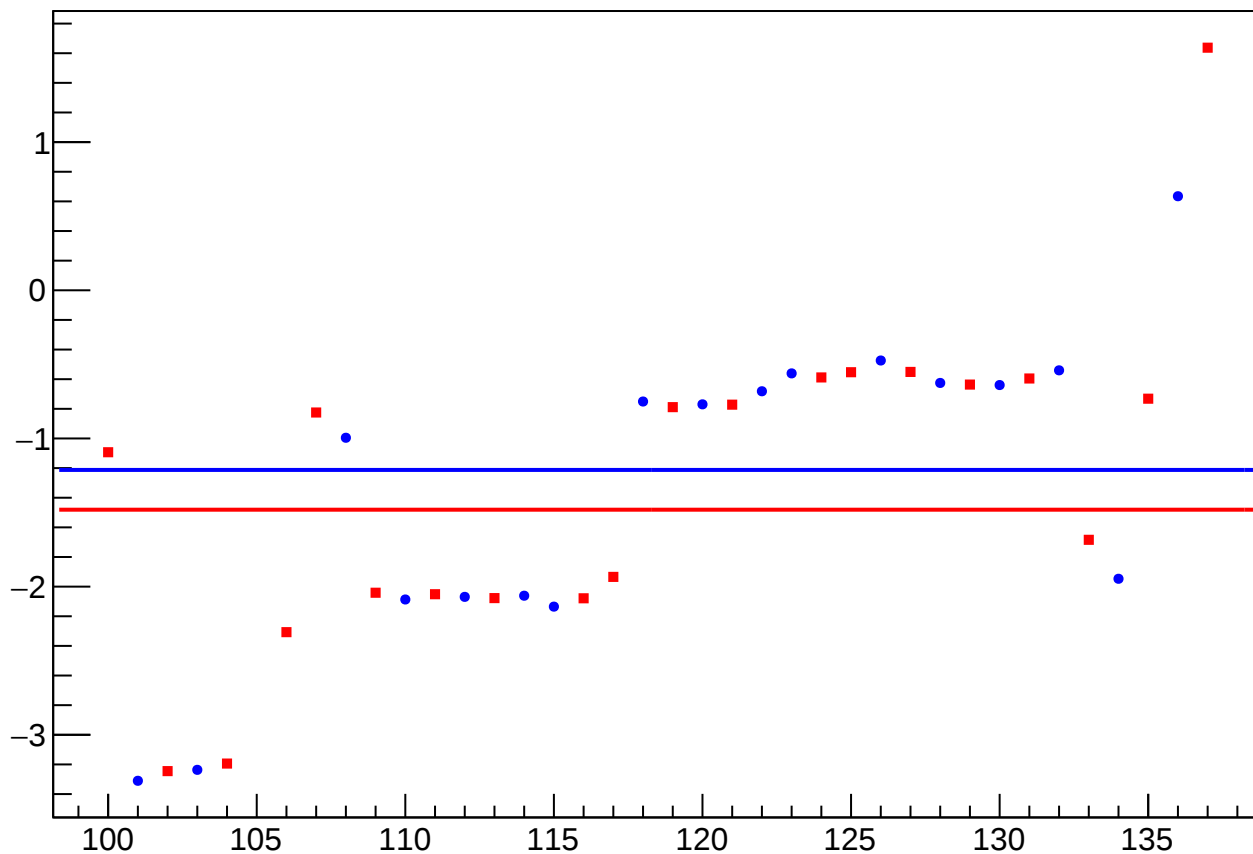
Right Out: 0.004+/-0.000 χ^2/NDF : 916963.6/19

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 : 916963.6/19

yield_bpm0r03X_mean vs Slug



Right In: -1.212+/-0.000 χ^2/NDF : 1992853443.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

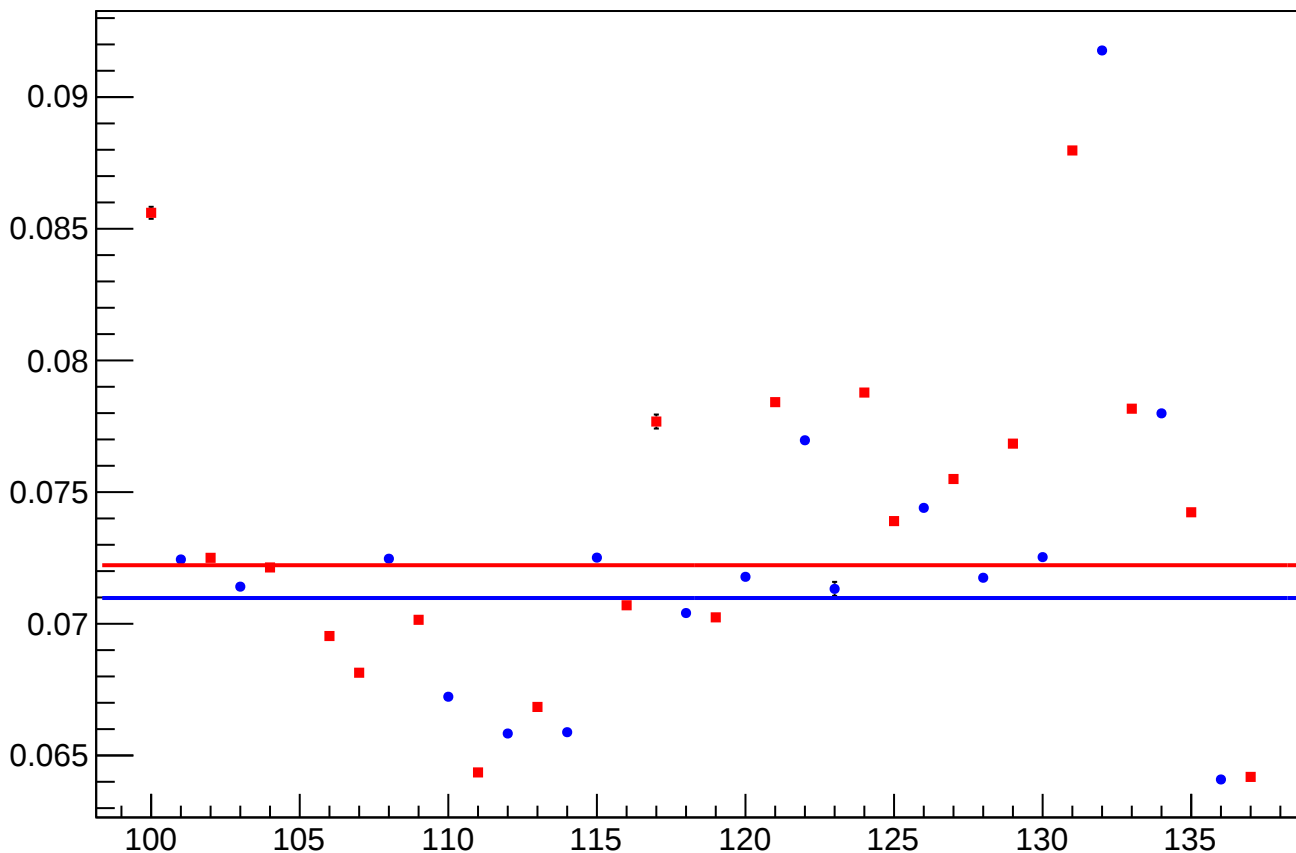
Right Out: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.212+/-0.000 χ^2/NDF : 1992853443.9/16

-1.481+/-0.000 χ^2/NDF : 1579722113.8/19

yield_bpm0r03X_rms vs Slug



Right In: 0.071+/-0.000 χ^2/NDF : 77589.5/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

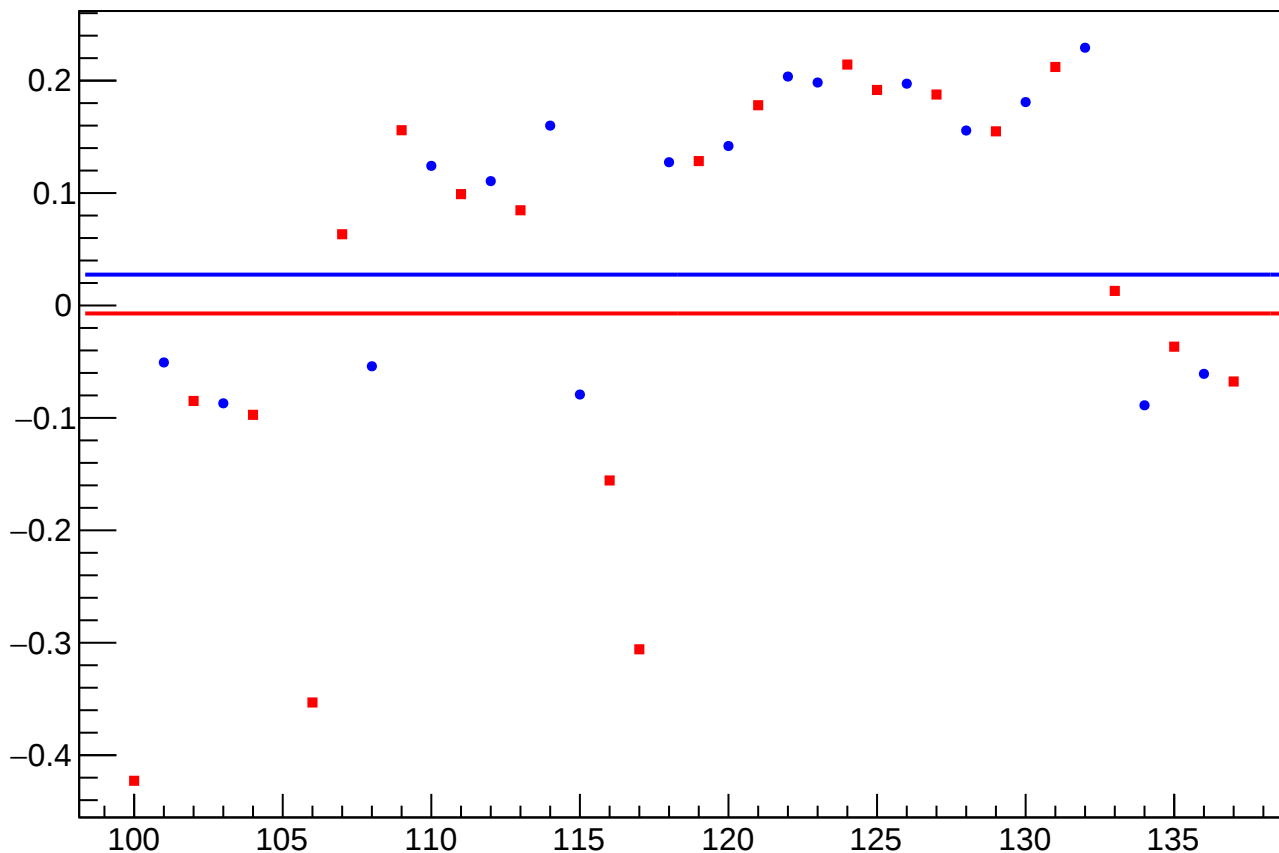
Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

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 : 73650.9/19

yield_bpm0r03Y_mean vs Slug



Right In: 0.027+/-0.000 χ^2/NDF : 562337631.4/16

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

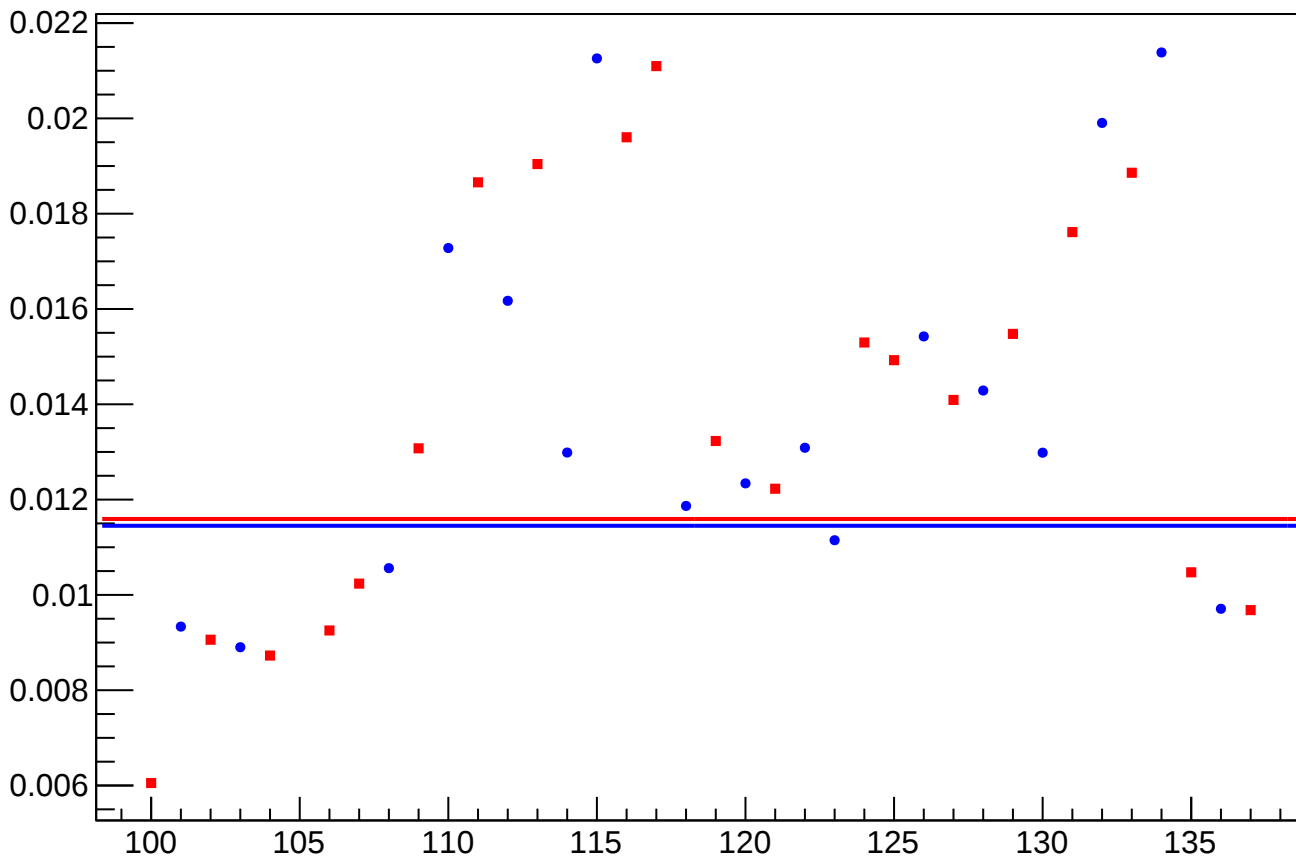
Right Out: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.027+/-0.000 χ^2/NDF : 562337631.4/16

-0.007+/-0.000 χ^2/NDF : 1207003891.2/19

yield_bpm0r03Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

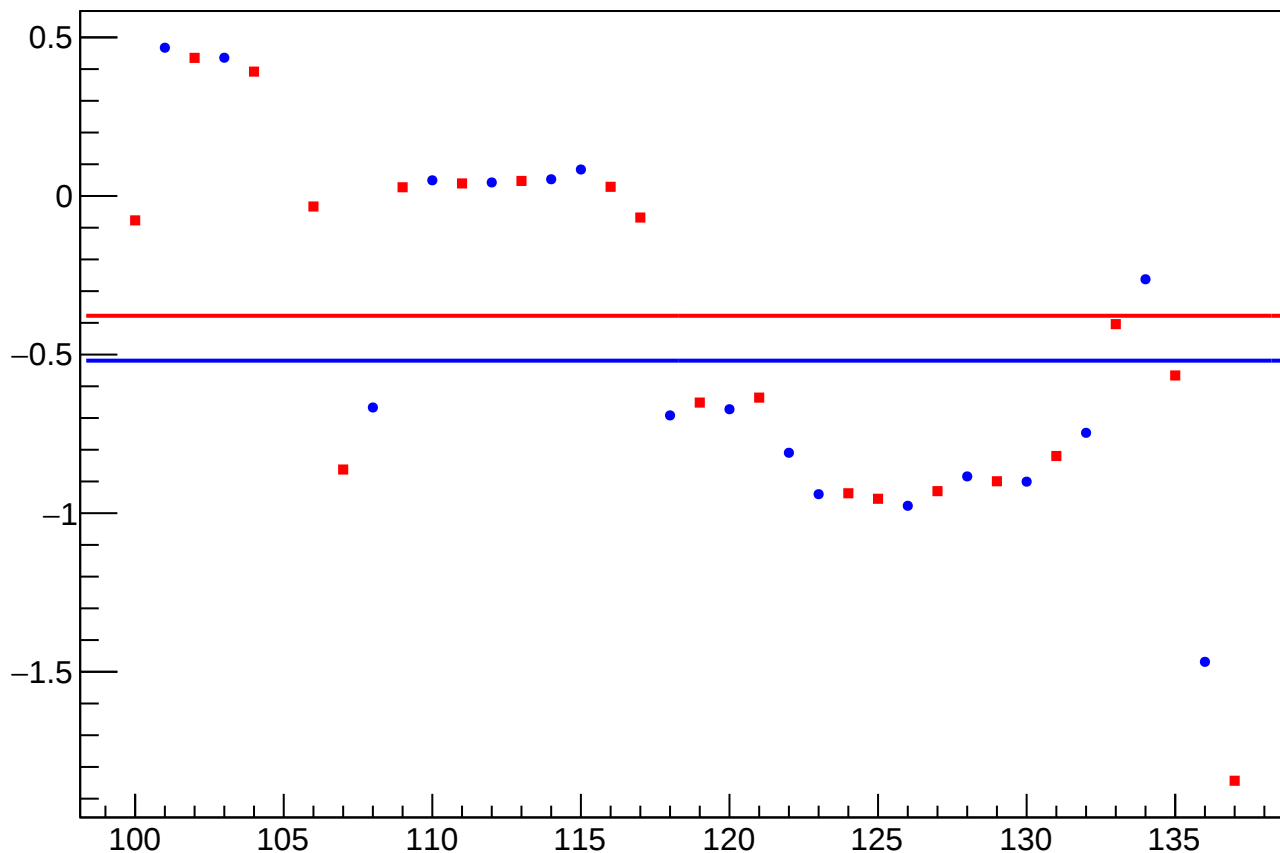
Right Out: 0.012+/-0.000 χ^2/NDF : 1012799.2/19

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 : 1012799.2/19

yield_bpm0r05X_mean vs Slug



Right In: -0.519+/-0.000 χ^2/NDF : 339383872.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

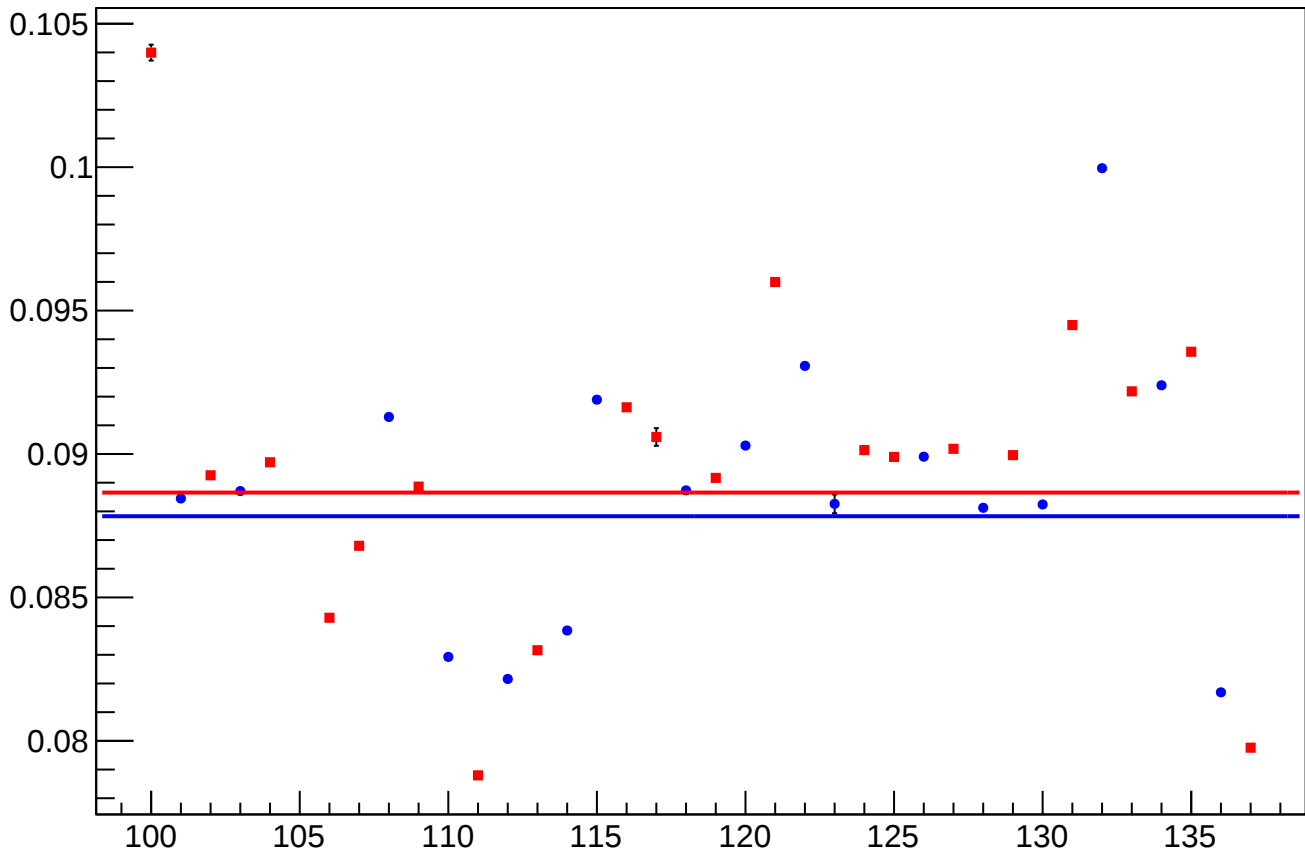
Right Out: -0.378+/-0.000 χ^2/NDF : 269130827.6/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.519+/-0.000 χ^2/NDF : 339383872.4/16

-0.378+/-0.000 χ^2/NDF : 269130827.6/19

yield_bpm0r05X_rms vs Slug



Right In: 0.088+/-0.000 χ^2/NDF : 34954.4/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

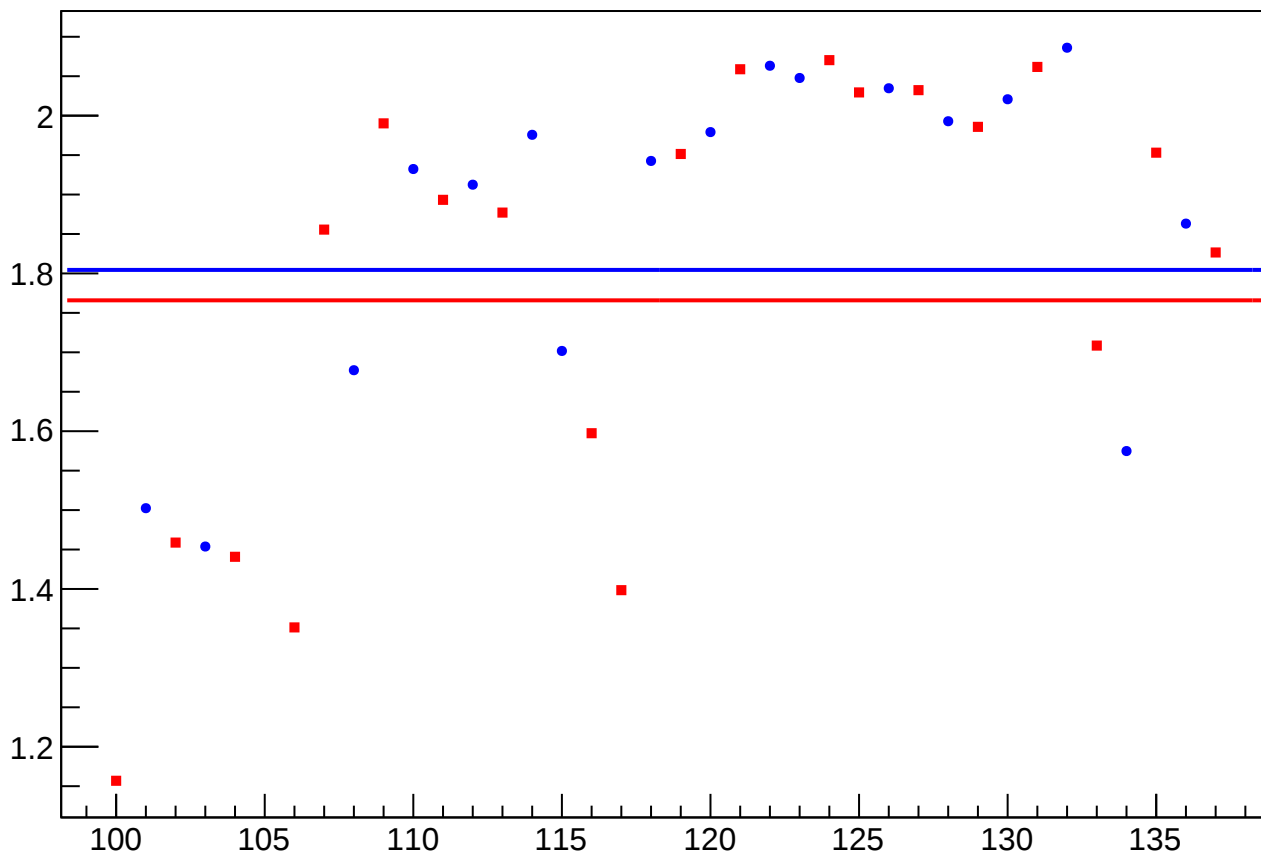
Right Out: 0.089+/-0.000 χ^2/NDF : 39762.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 34954.4/16

0.089+/-0.000 χ^2/NDF : 39762.8/19

yield_bpm0r05Y_mean vs Slug



Right In: 1.804 $\pm$ 0.000 χ^2 /NDF: 1156747883.2/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

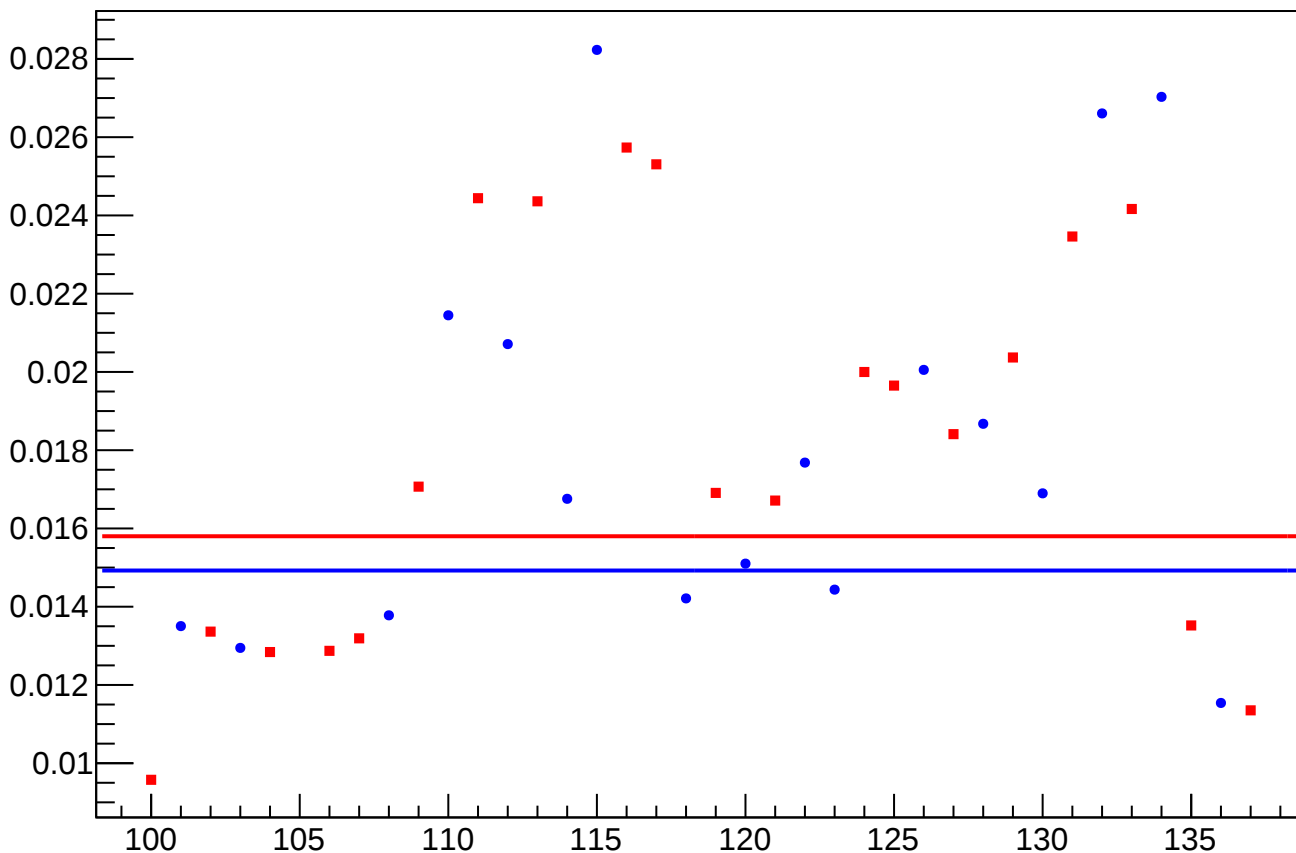
Right Out: 1.766 $\pm$ 0.000 χ^2 /NDF: 1717275187.7/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.804 $\pm$ 0.000 χ^2 /NDF: 1156747883.2/16

1.766 $\pm$ 0.000 χ^2 /NDF: 1717275187.7/19

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

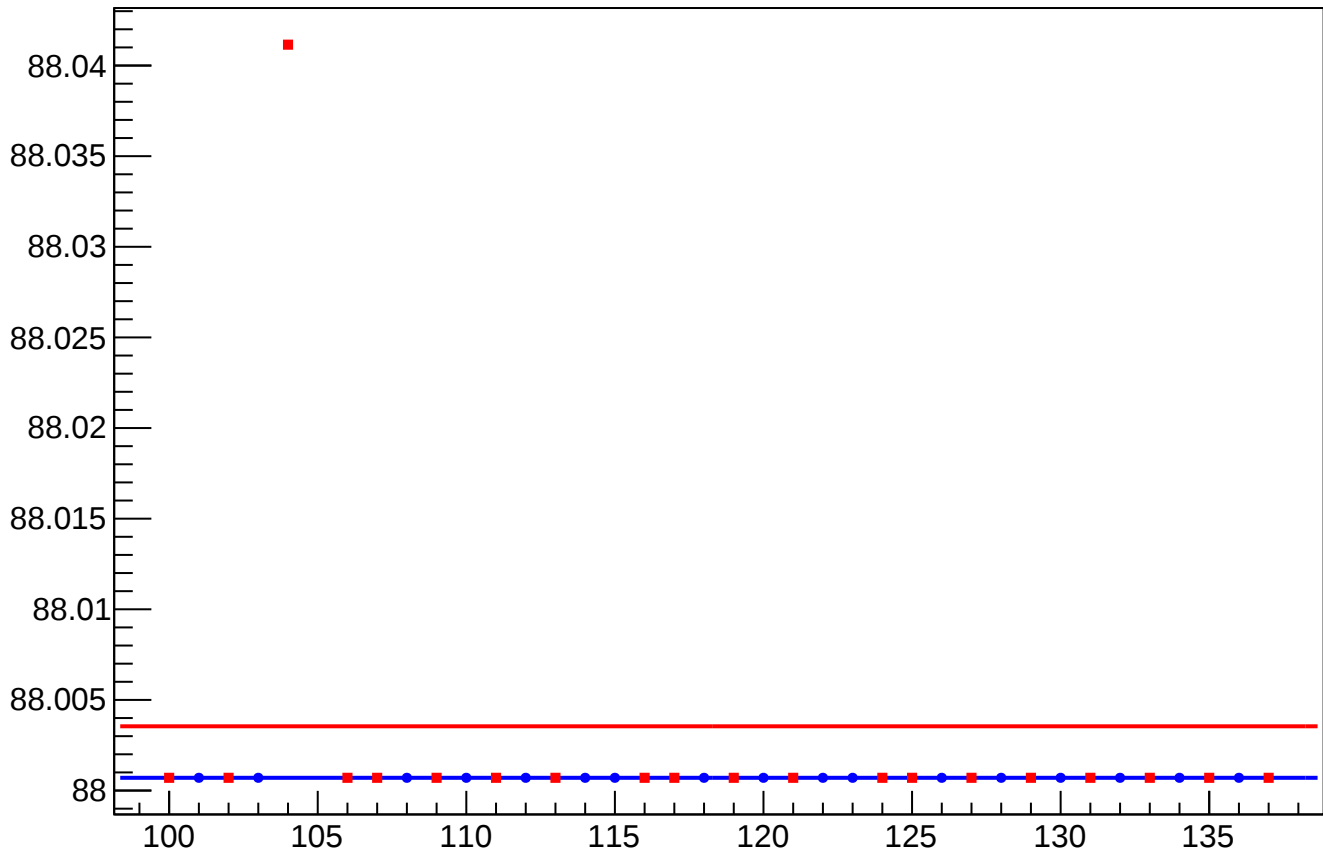
Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 643651.9/16

0.016+/-0.000 χ^2/NDF : 796839.8/19

epics_VWienAngles_mean vs Slug



Right In: 88.001+/-0.000 χ^2 /NDF: 1852068.7/16

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

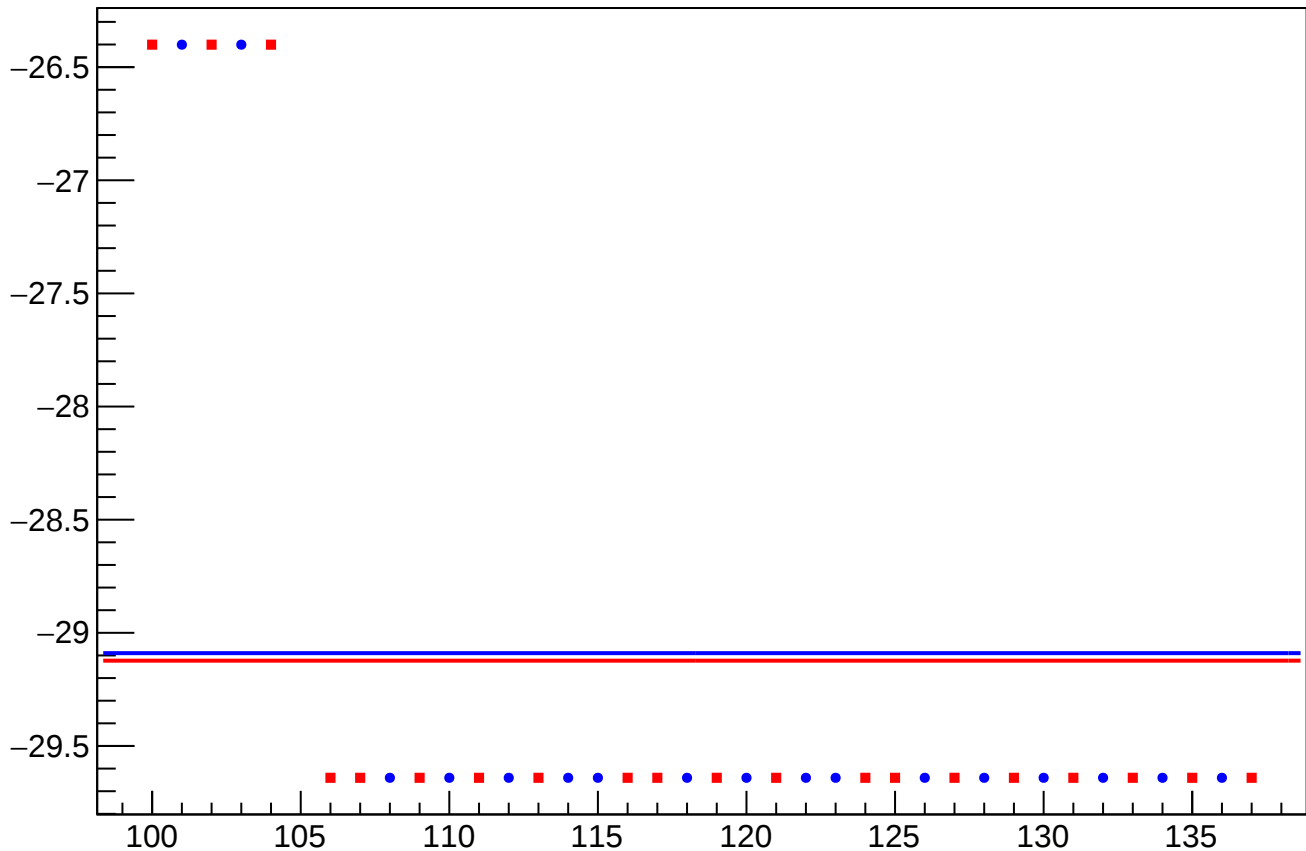
88.001+/-0.000 χ^2 /NDF: 1852068.7/16

Right Out: 88.004+/-0.000 χ^2 /NDF: 77578366411928007427611426816.0/19

88.004+/-0.000 χ^2 /NDF: 77578366411928007427611426816.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

epics_HWienAngles_mean vs Slug



Right In: -29.090+/-0.000 χ^2/NDF : 1028099246109521929793835198578688.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

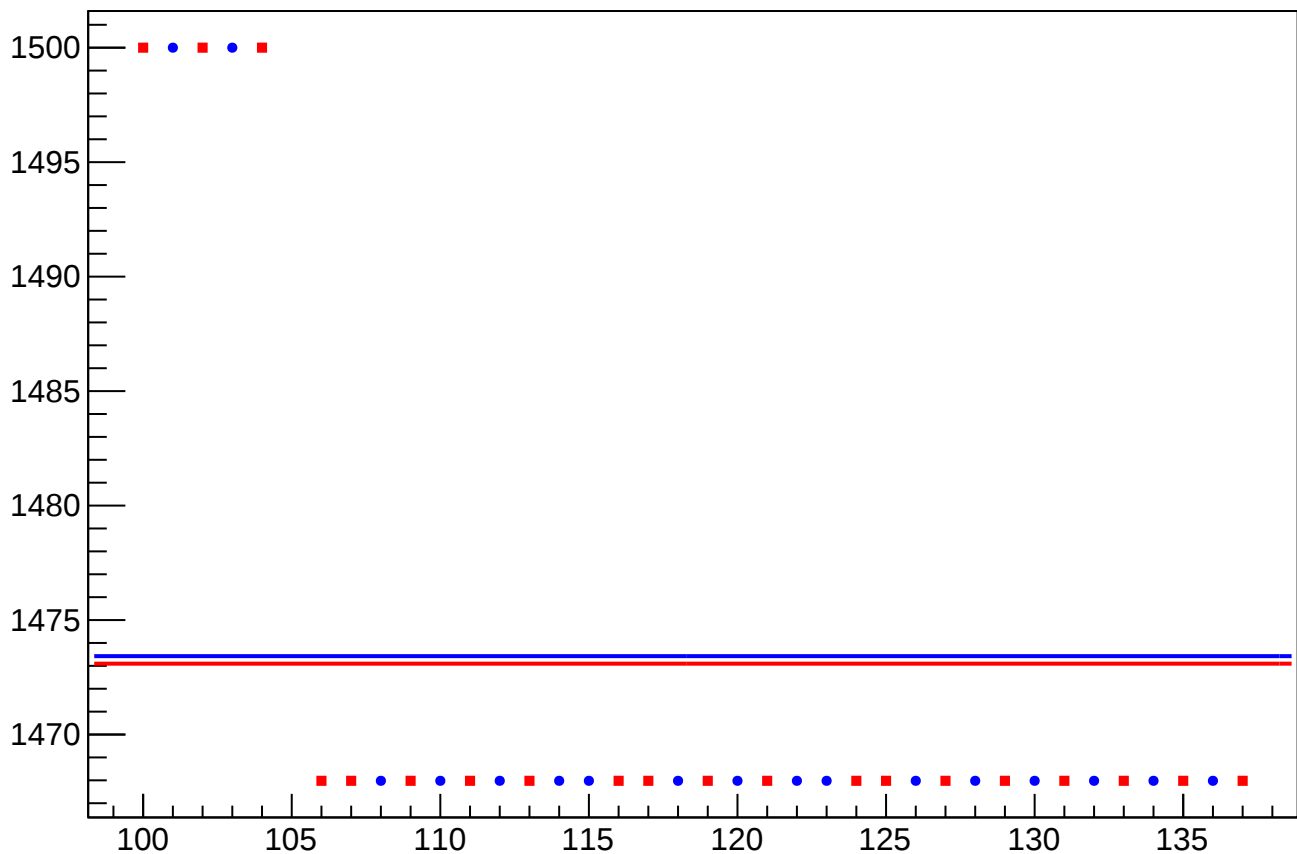
-29.090+/-0.000 χ^2/NDF : 10280992461095219

Right Out: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19

-29.123+/-0.000 χ^2/NDF : 10231545123967022

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs Slug



Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

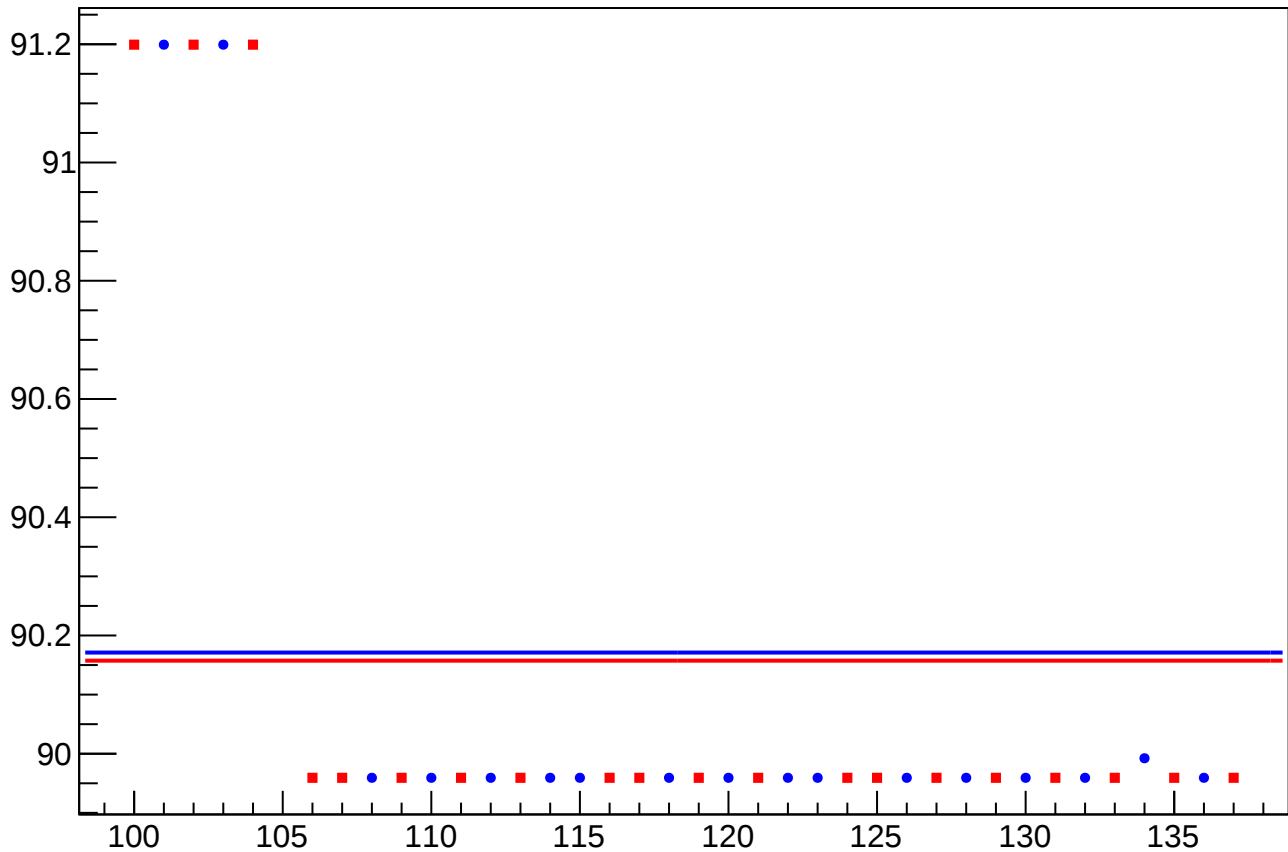
Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1473.424+/-0.000 χ^2/NDF : 1004212958282455

1473.096+/-0.000 χ^2/NDF : 9993831077709961

epics_Phi_FGs_mean vs Slug



Right In: 90.171+/-0.000 χ^2/NDF : 150316905454500935857801185460224.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

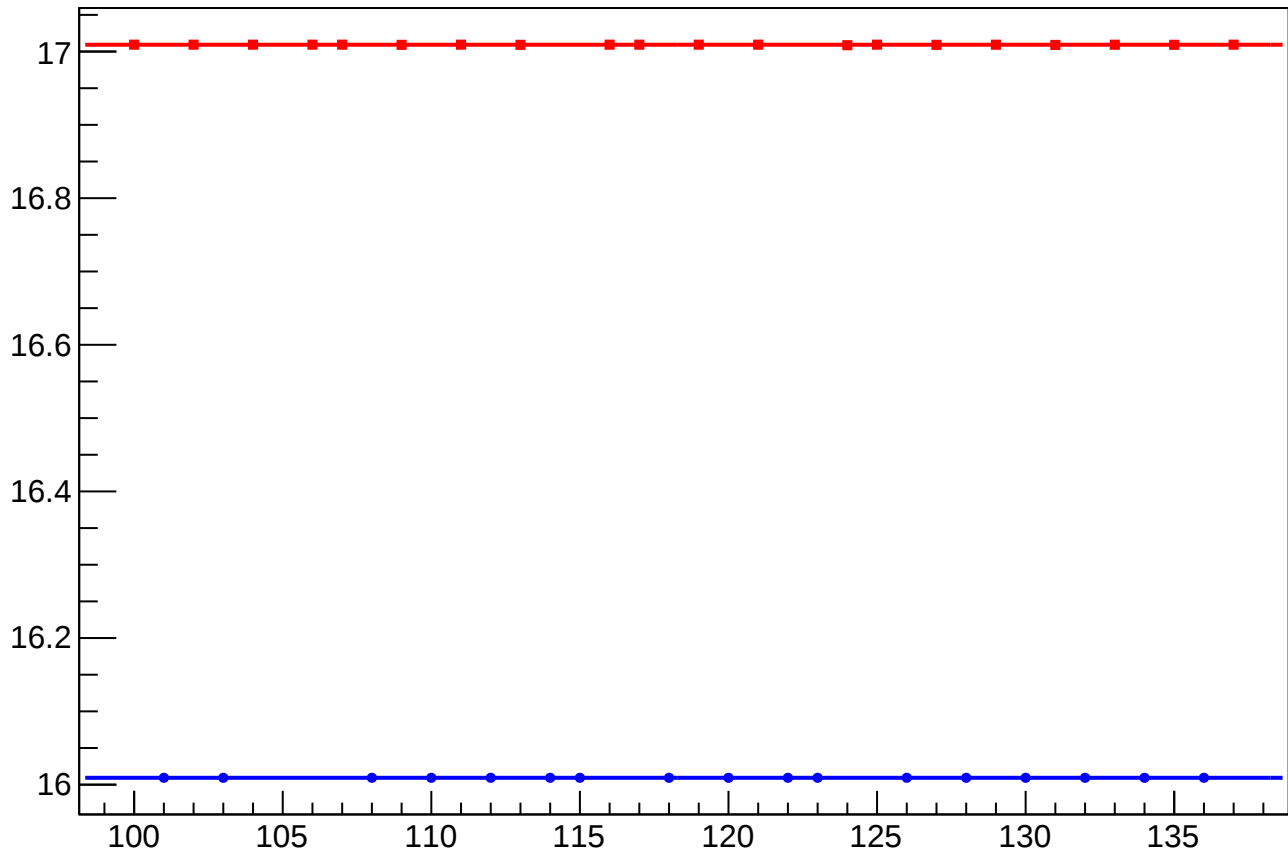
Right Out: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.171+/-0.000 χ^2/NDF : 150316905454500935

90.157+/-0.000 χ^2/NDF : 149863052341628336

epics_IGL1I00DI24_24Ms_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 44327.7/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

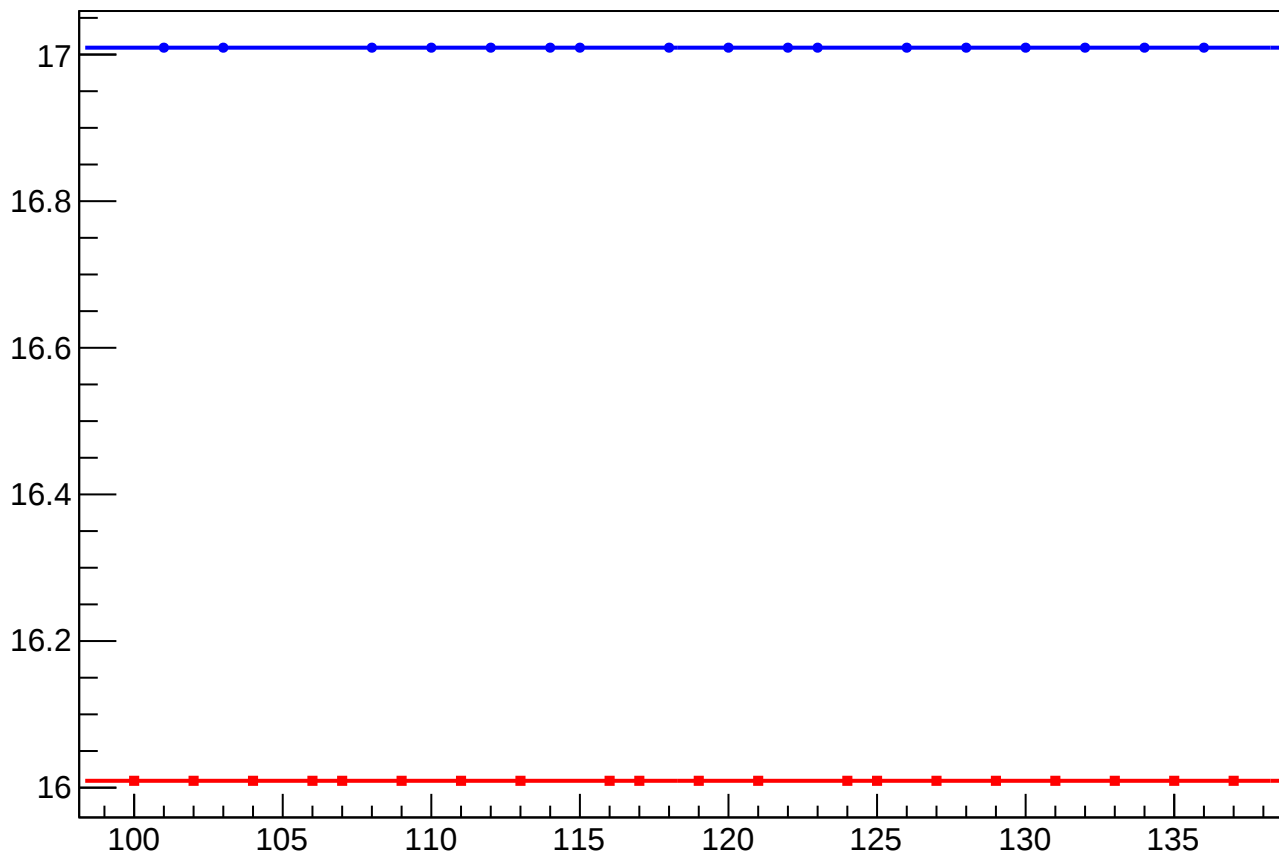
16.009 $\pm$ 0.000 χ^2 /NDF: 44327.7/16

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 12548783366686740957888512.0/19

17.009 $\pm$ 0.000 χ^2 /NDF: 12548783366686740957888512.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 132629.6/16

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

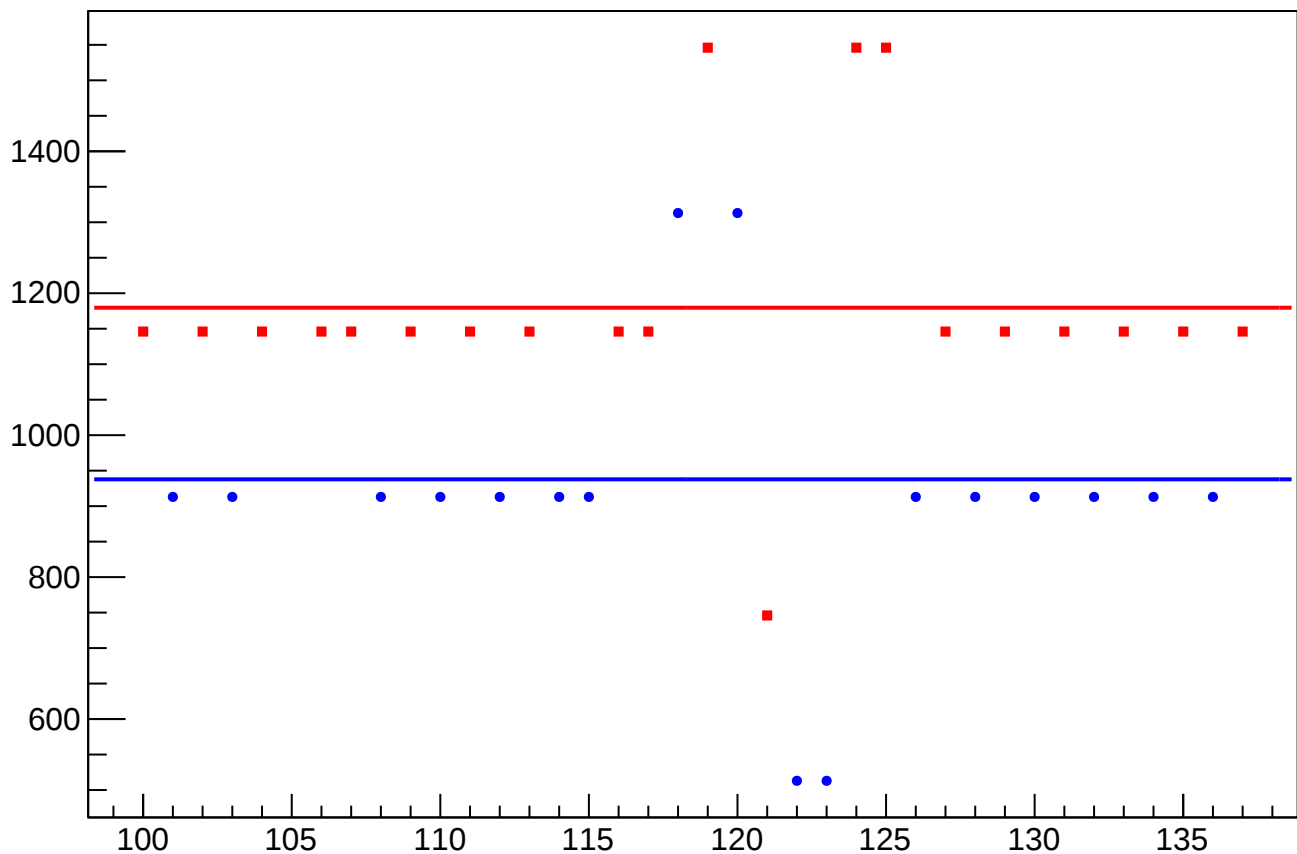
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 42750.0/19

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 132629.6/16

16.009 $\pm$ 0.000 χ^2 /NDF: 42750.0/19

epics_RTPAPOSUCNTs_mean vs Slug



Right In: 937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

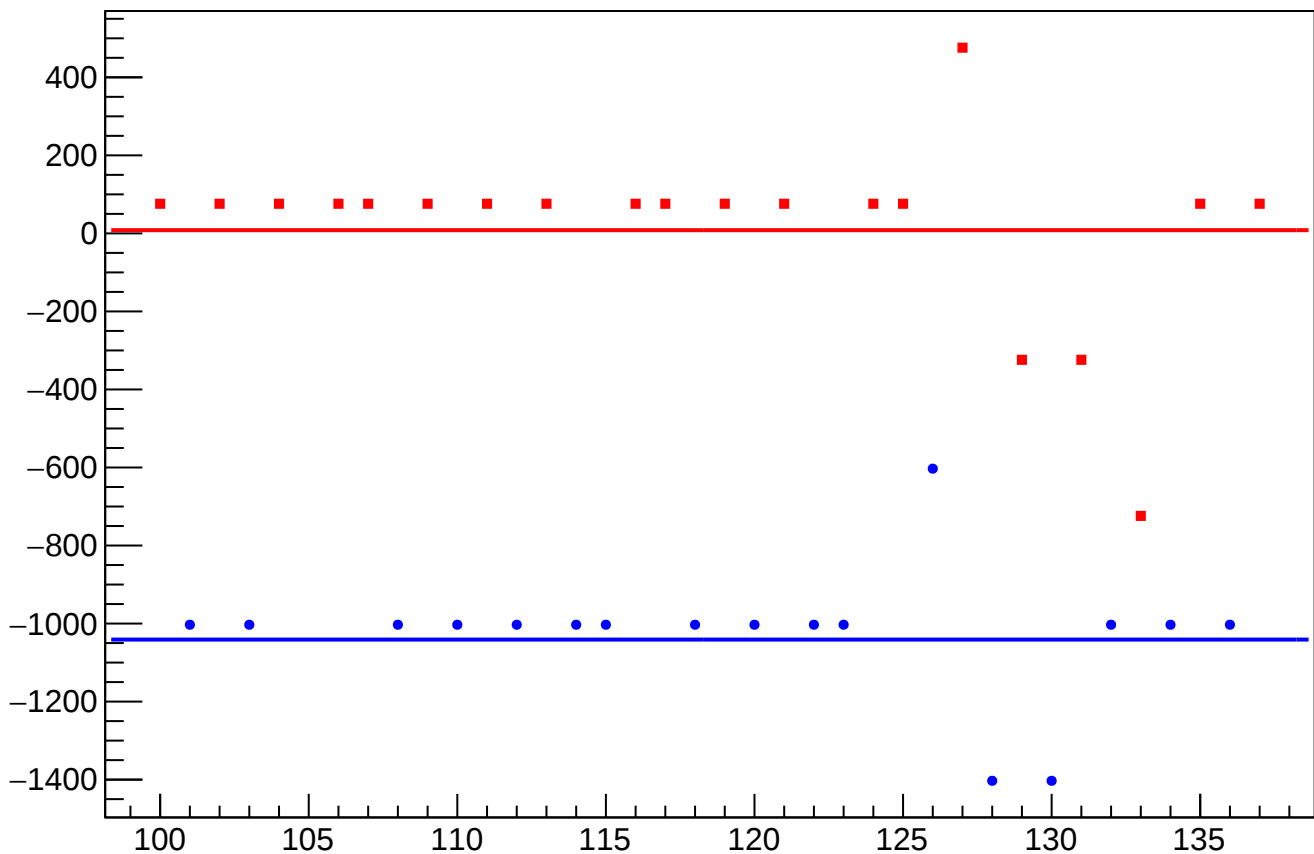
Right Out: 1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

epics_RTPAPOSVCNTs_mean vs Slug



Right In: -1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

Right Out: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0