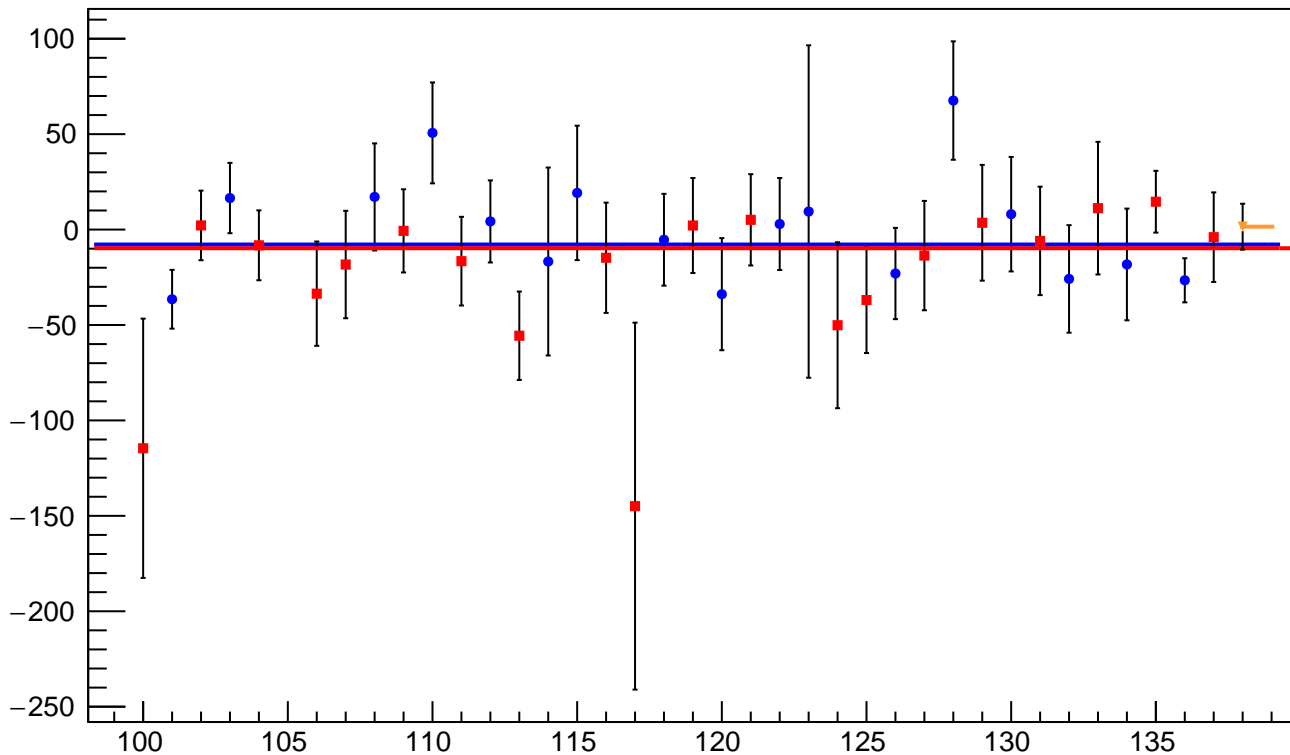


diff_bpm4aX_mean vs Slug



Right In: -7.841 ± 5.608

χ^2/NDF : 22.6/16

Left Out: 1.524 ± 12.020

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

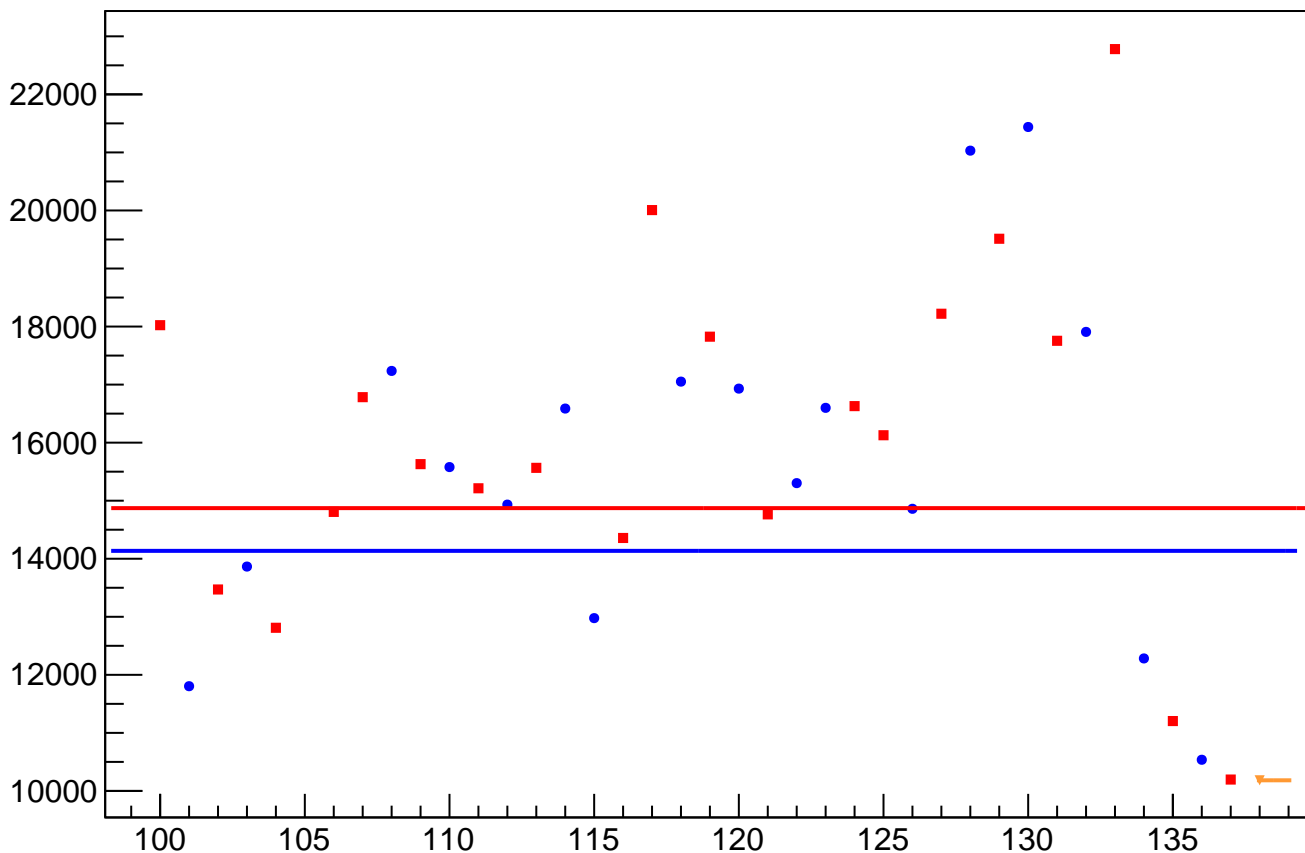
-6.167 ± 5.082

χ^2/NDF : 23.1/17

-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: 10182.951+/-8.499 χ^2/NDF : 0.0/0

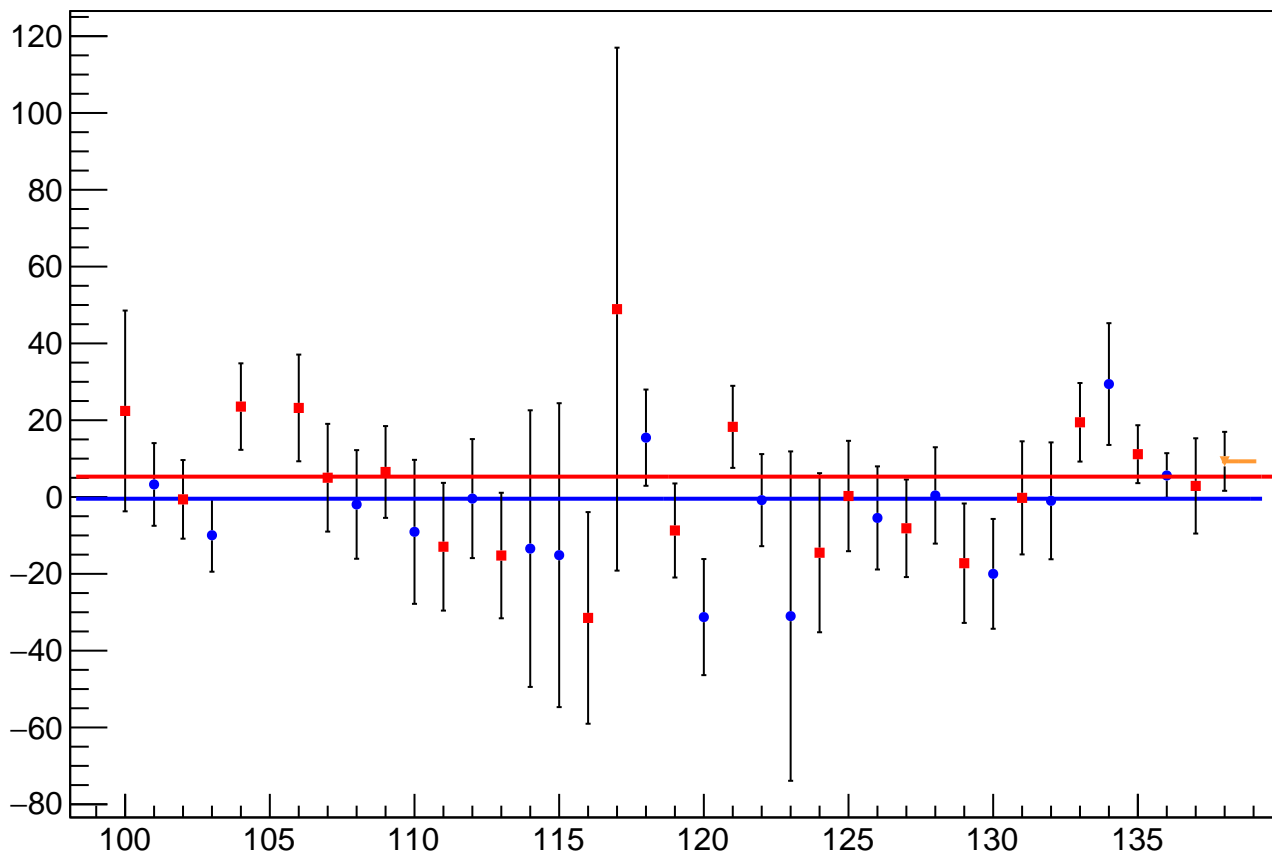
13429.115+/-3.594 χ^2/NDF : 774803.2/17

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

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

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

diff_bpm4aY_mean vs Slug



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

Left Out: 9.297 ± 7.674 χ^2/NDF : 0.0/0

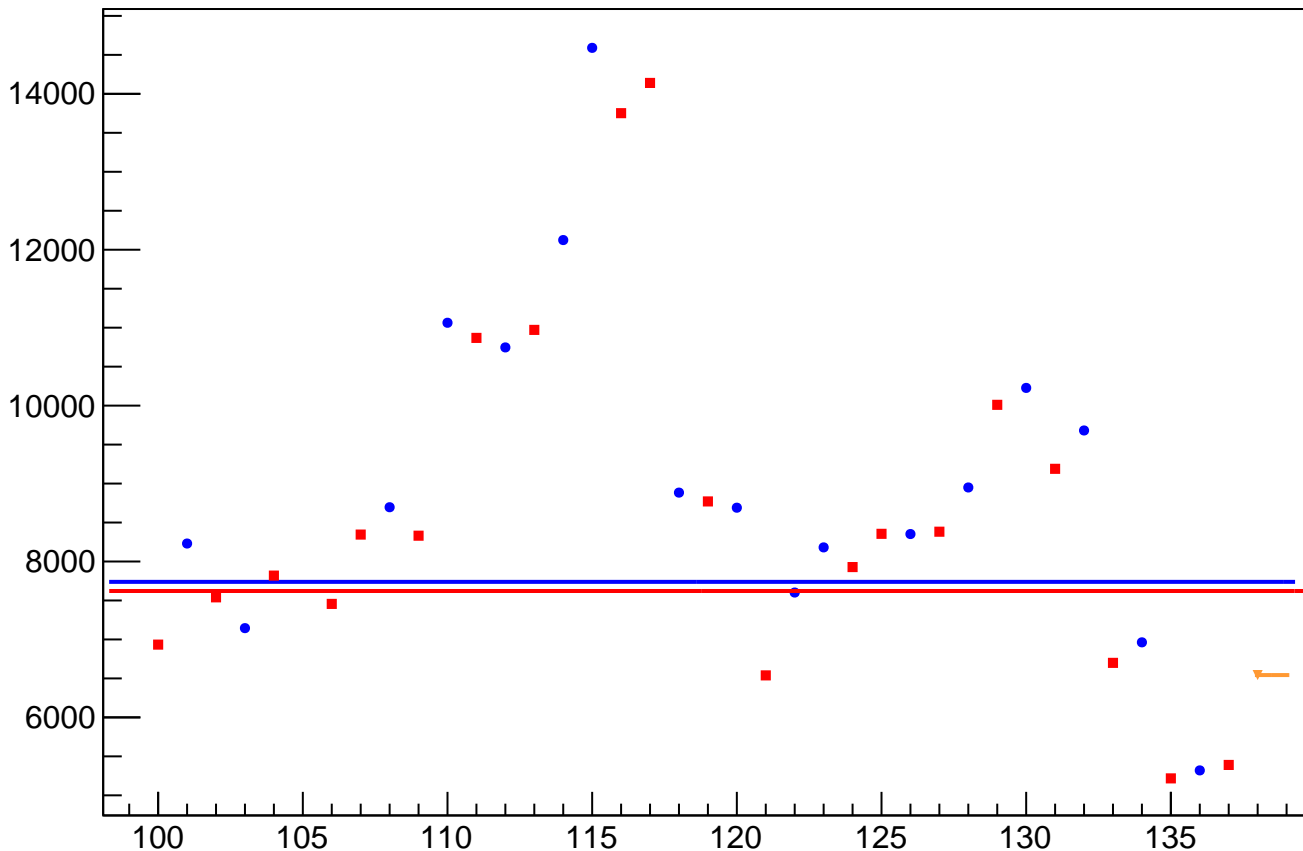
Right Out: 5.310 ± 2.933 χ^2/NDF : 19.8/19

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

0.903 ± 2.851 χ^2/NDF : 15.9/17

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: 6543.070+/-5.427 χ^2/NDF : 0.0/0

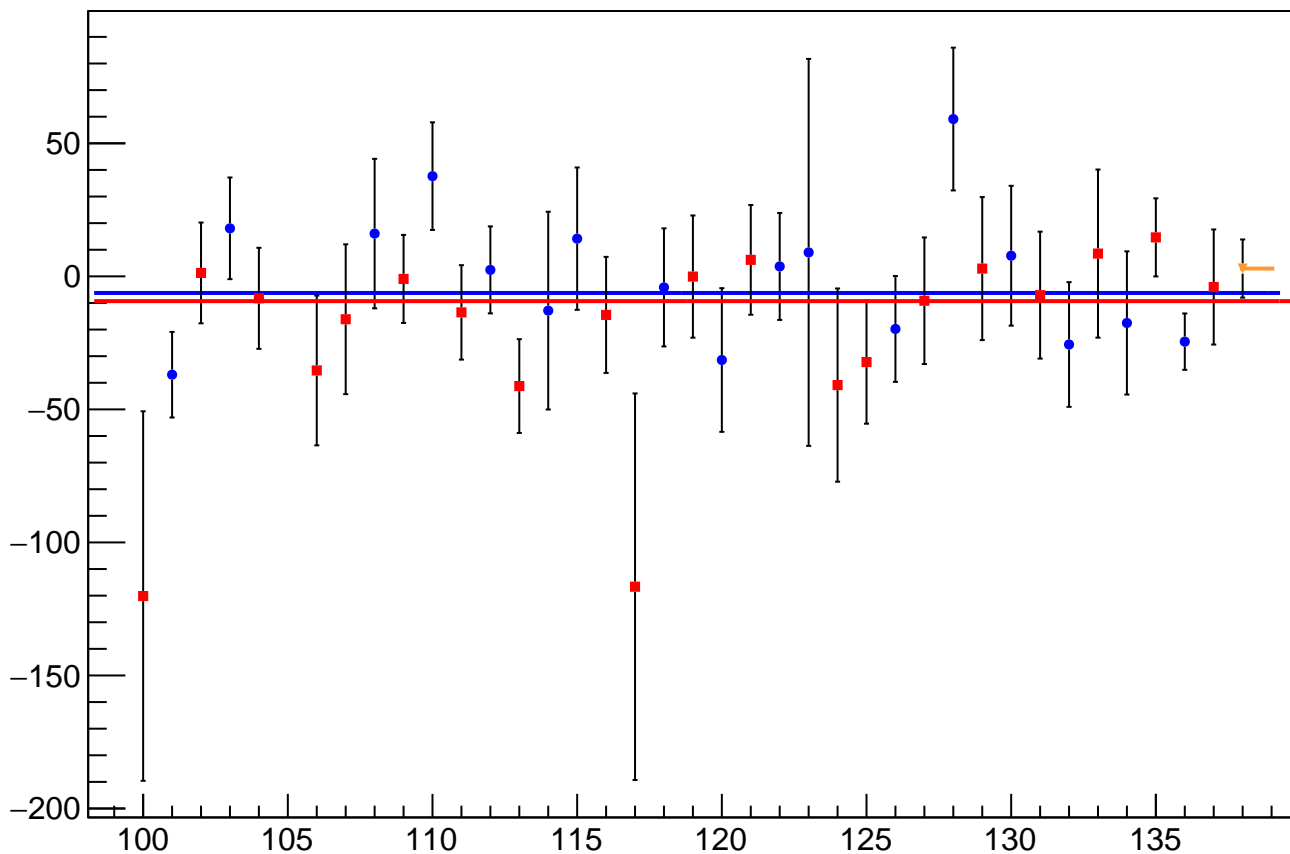
Right Out: 7621.652+/-2.074 χ^2/NDF : 697548.6/19

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

7573.821+/-2.016 χ^2/NDF : 782694.7/17

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: 2.936+/-10.924 χ^2 /NDF:0.0/0

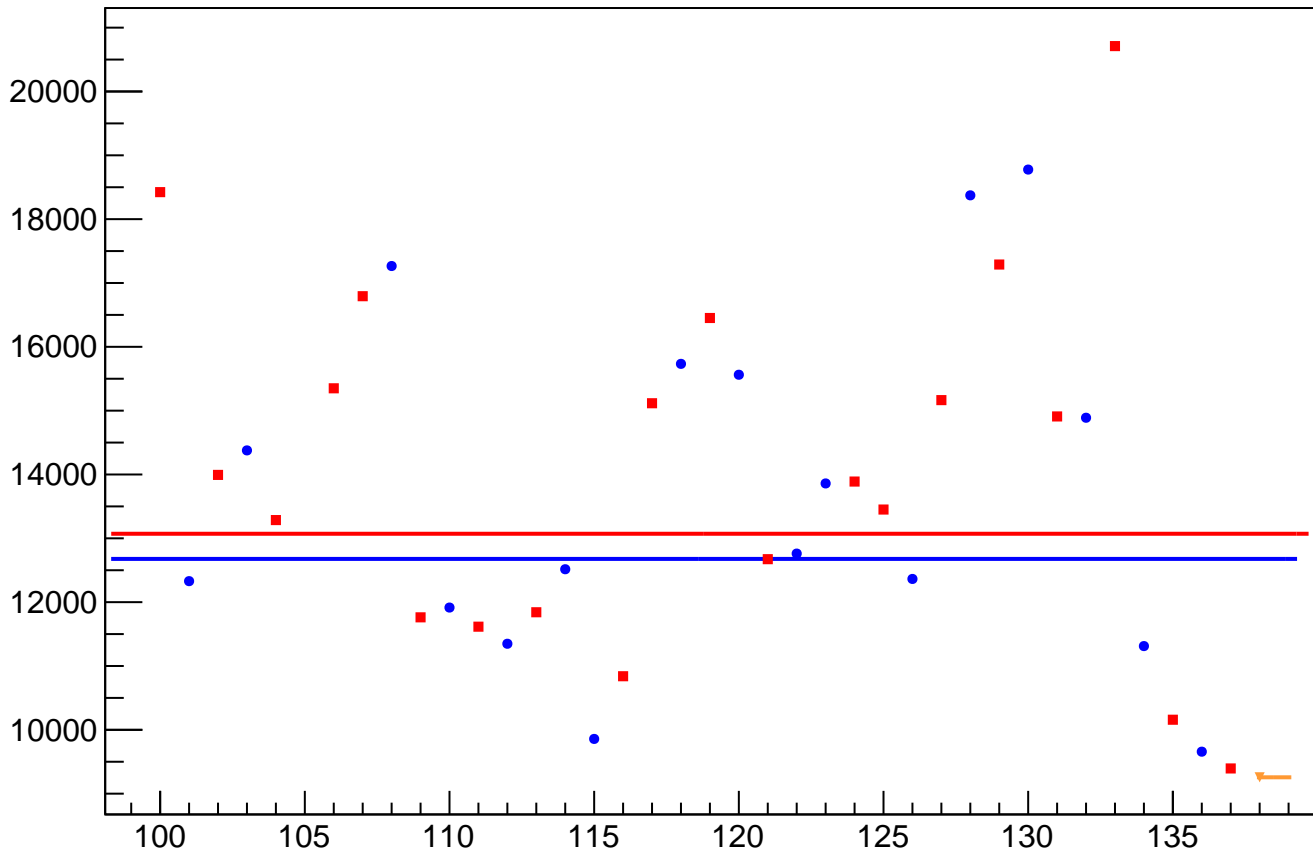
Right Out: -9.310+/-4.987 χ^2 /NDF: 15.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.645+/-4.559 χ^2 /NDF: 23.8/17

-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: 9256.228+/-7.724 χ^2 /NDF: 0.0/0

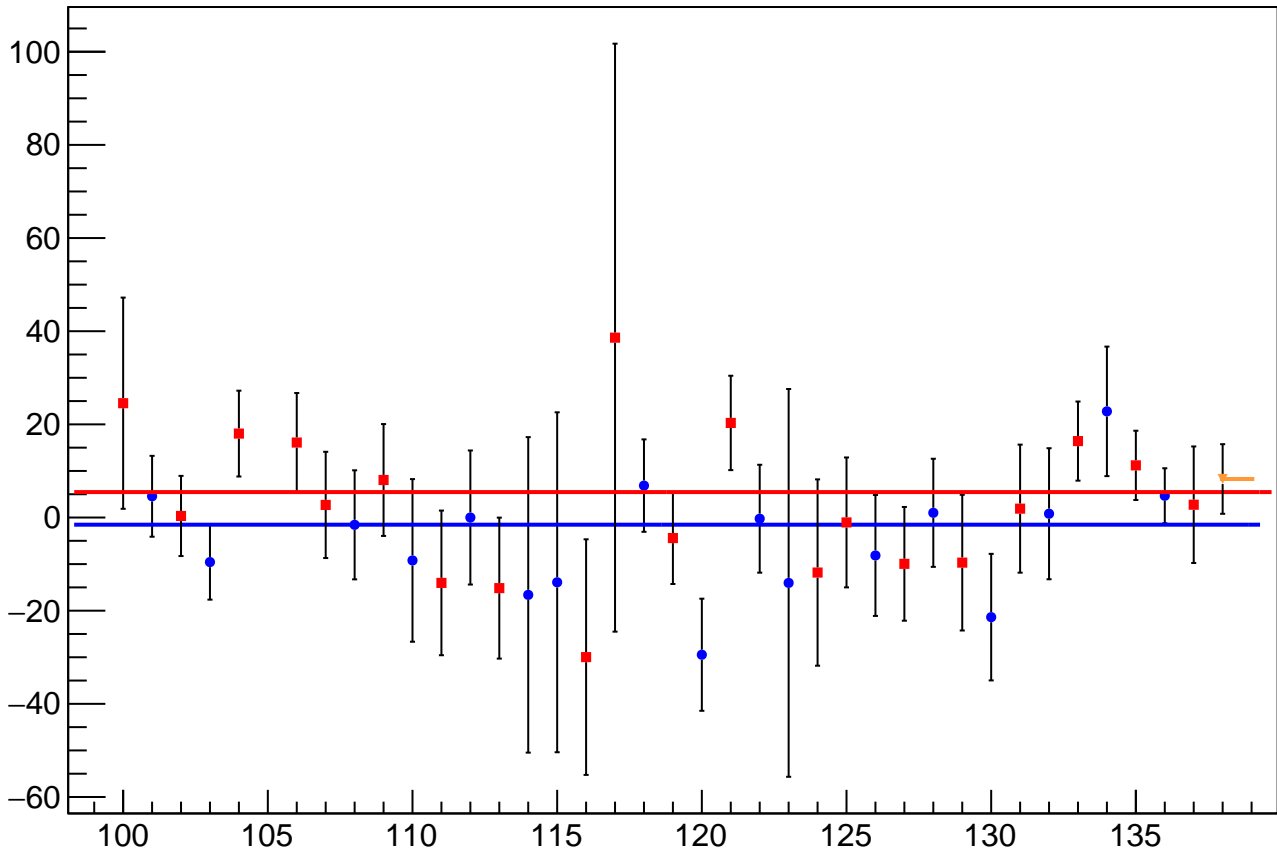
12081.473+/-3.224 χ^2 /NDF: 715617.9/17

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

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

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

diff_bpm4eY_mean vs Slug



Right In: -1.538 ± 2.790 $\chi^2/\text{NDF}: 14.8/16$

Left Out: 8.274 ± 7.472 $\chi^2/\text{NDF}: 0.0/0$

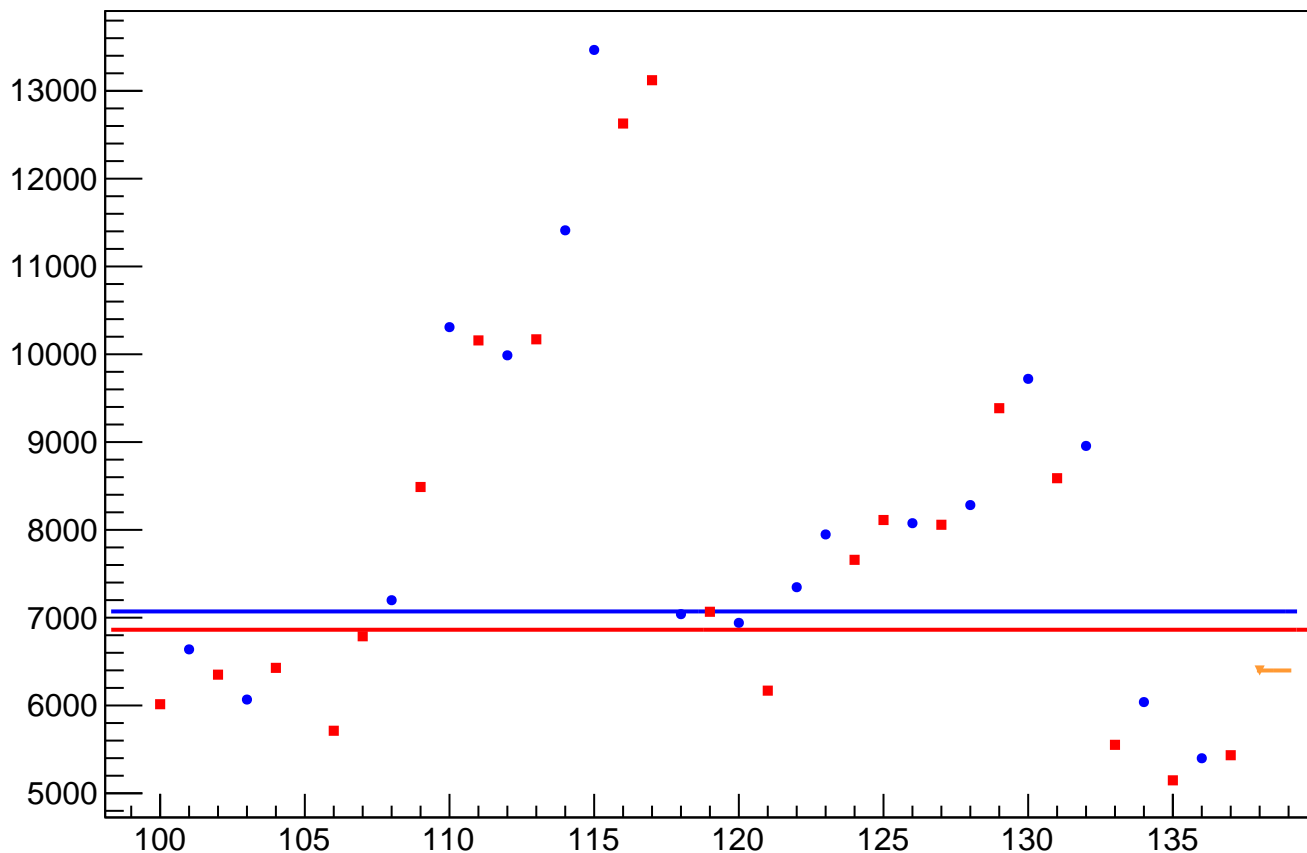
Right Out: 5.463 ± 2.637 $\chi^2/\text{NDF}: 18.9/19$

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

-0.337 ± 2.614 $\chi^2/\text{NDF}: 16.4/17$

5.463 ± 2.637 $\chi^2/\text{NDF}: 18.9/19$

diff_bpm4eY_rms vs Slug



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

Left Out: 6398.606+/-5.283 χ^2 /NDF:0.0/0

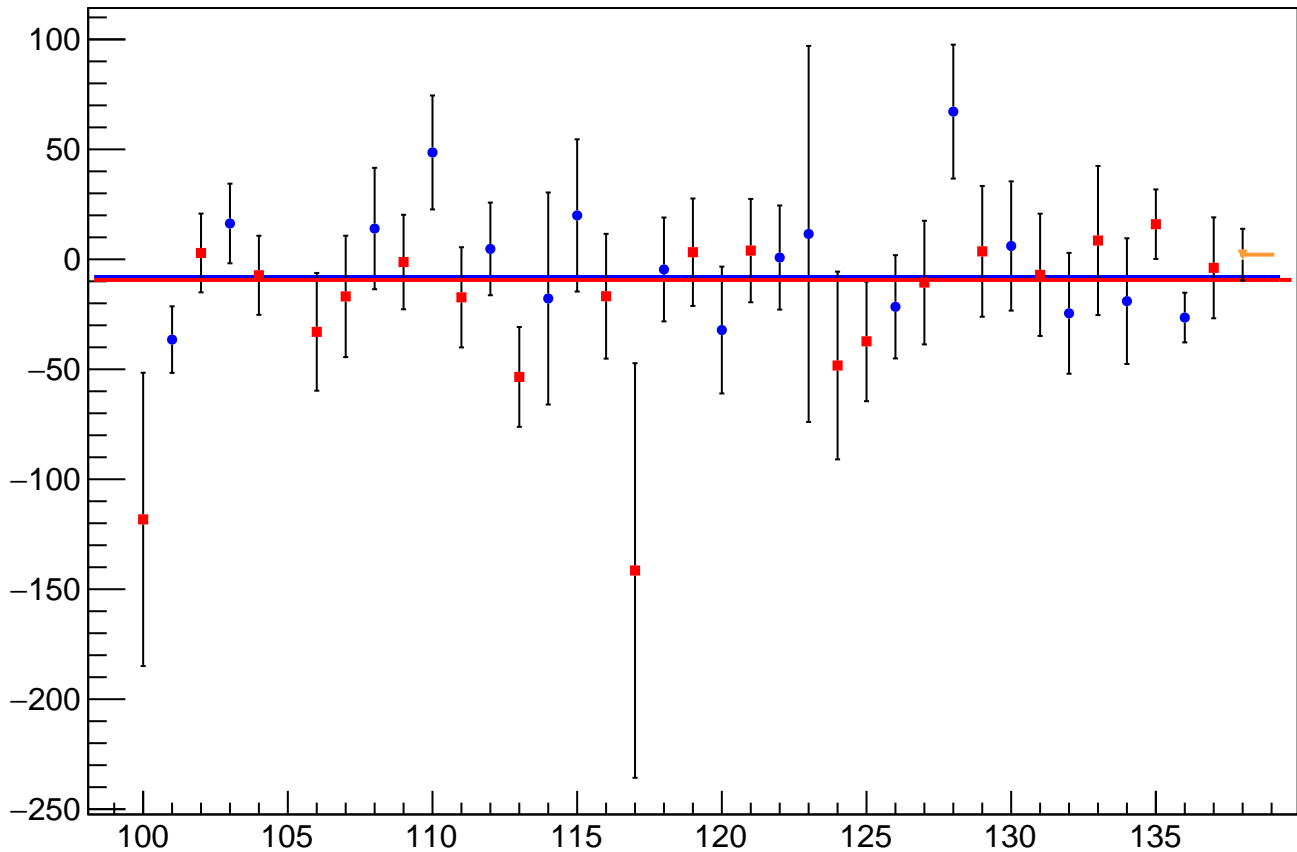
6988.735+/-1.848 χ^2 /NDF: 614964.9/17

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

diff_bpm4acX_mean vs Slug



Right In: -8.036 ± 5.497 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 2.128 ± 11.749 $\chi^2/\text{NDF}: 0.0/0$

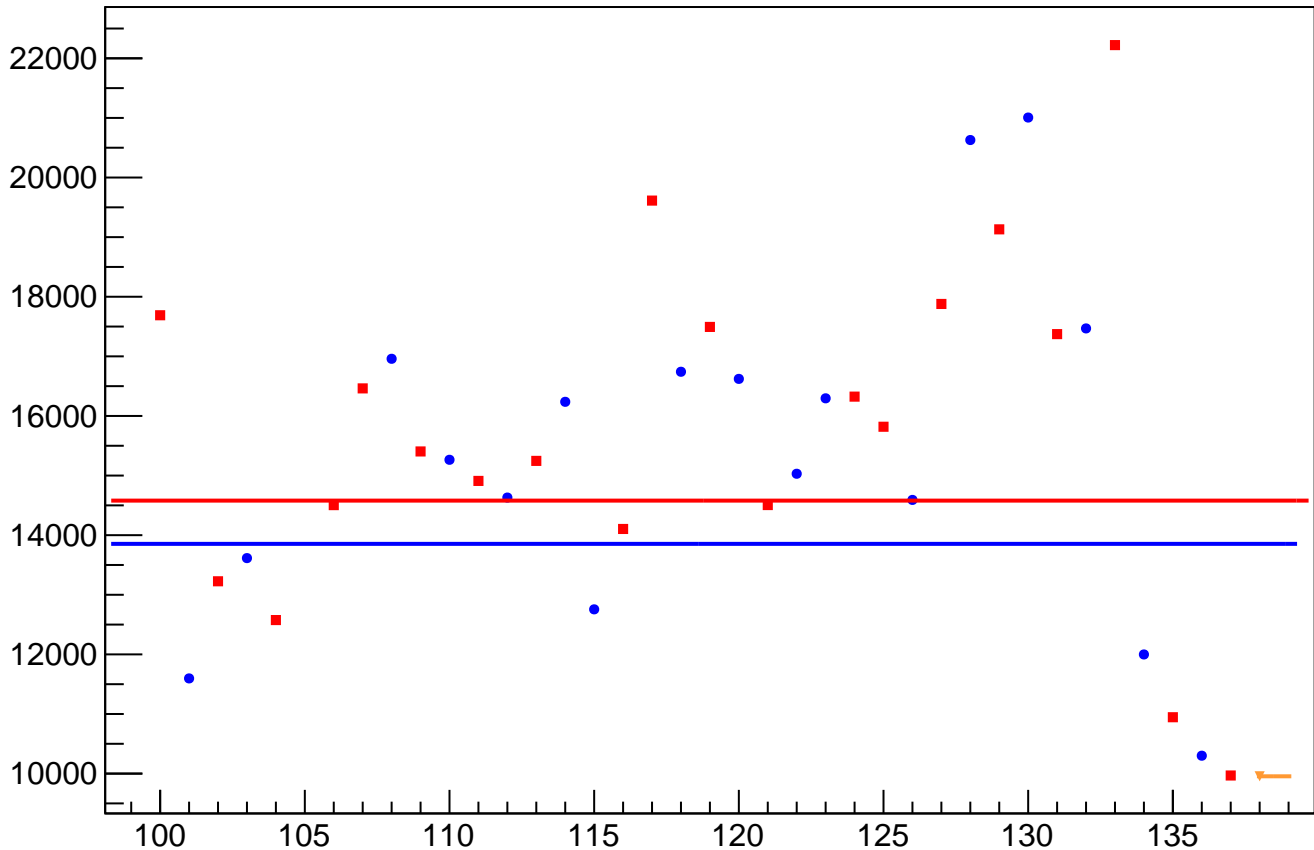
Right Out: -9.368 ± 5.556 $\chi^2/\text{NDF}: 15.7/19$

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

-6.211 ± 4.979 $\chi^2/\text{NDF}: 23.2/17$

-9.368 ± 5.556 $\chi^2/\text{NDF}: 15.7/19$

diff_bpm4acX_rms vs Slug



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

Left Out: 9954.626+/-8.308 χ^2/NDF : 0.0/0

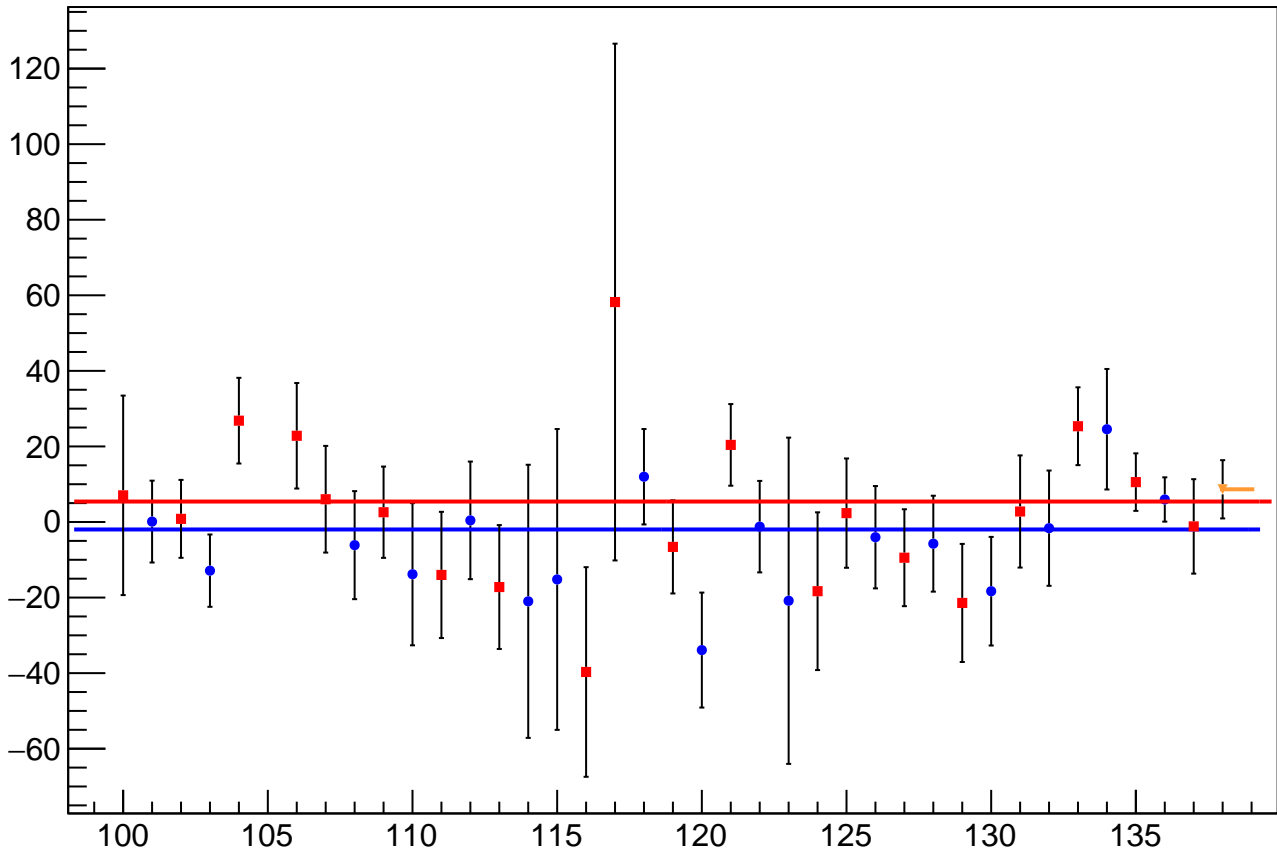
13153.800+/-3.521 χ^2/NDF : 781710.2/17

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

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

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

diff_bpm4acY_mean vs Slug



Right In: -1.978 ± 3.094 $\chi^2/\text{NDF}: 14.0/16$

Left Out: 8.655 ± 7.707 $\chi^2/\text{NDF}: 0.0/0$

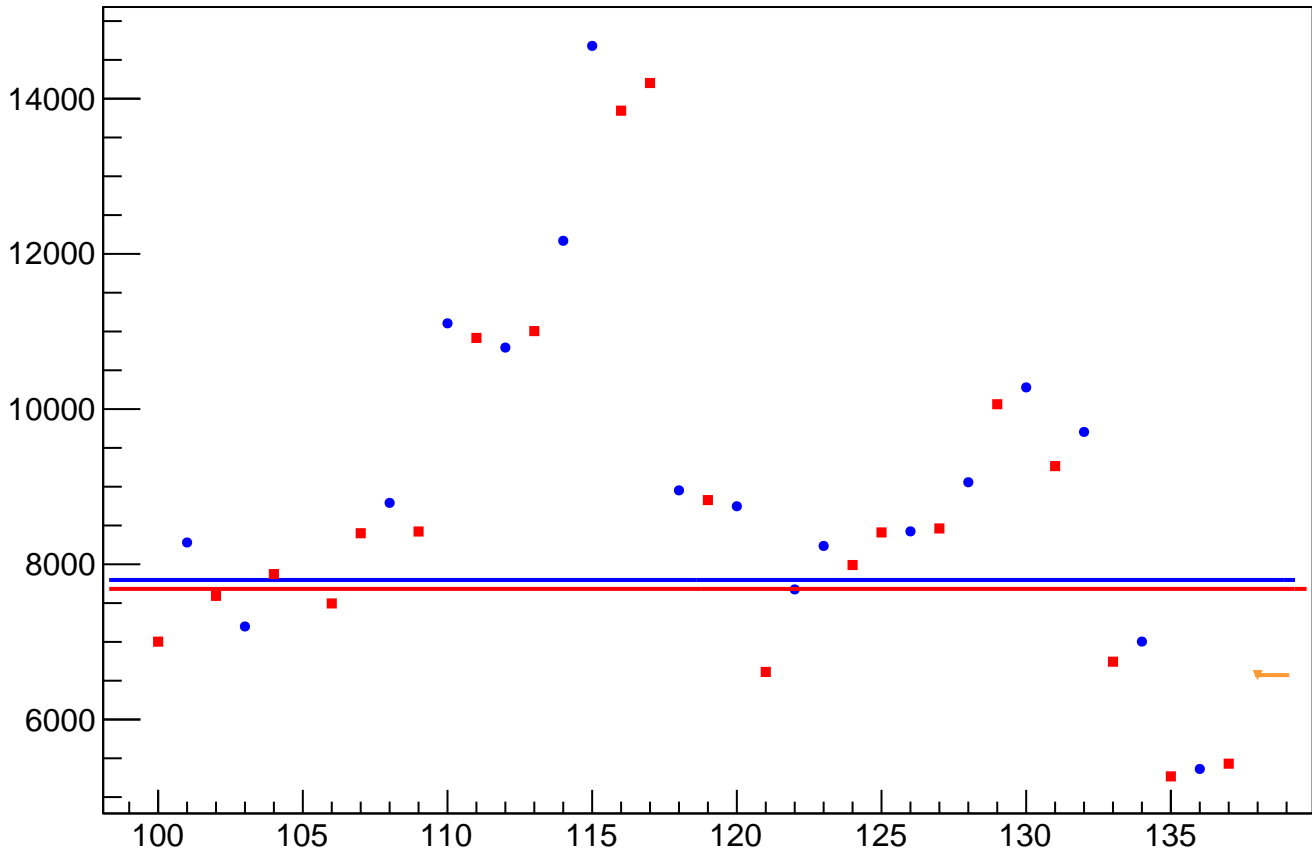
Right Out: 5.417 ± 2.956 $\chi^2/\text{NDF}: 24.9/19$

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

-0.502 ± 2.871 $\chi^2/\text{NDF}: 15.7/17$

5.417 ± 2.956 $\chi^2/\text{NDF}: 24.9/19$

diff_bpm4acY_rms vs Slug



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

Left Out: 6572.197+/-5.450 χ^2 /NDF: 0.0/0

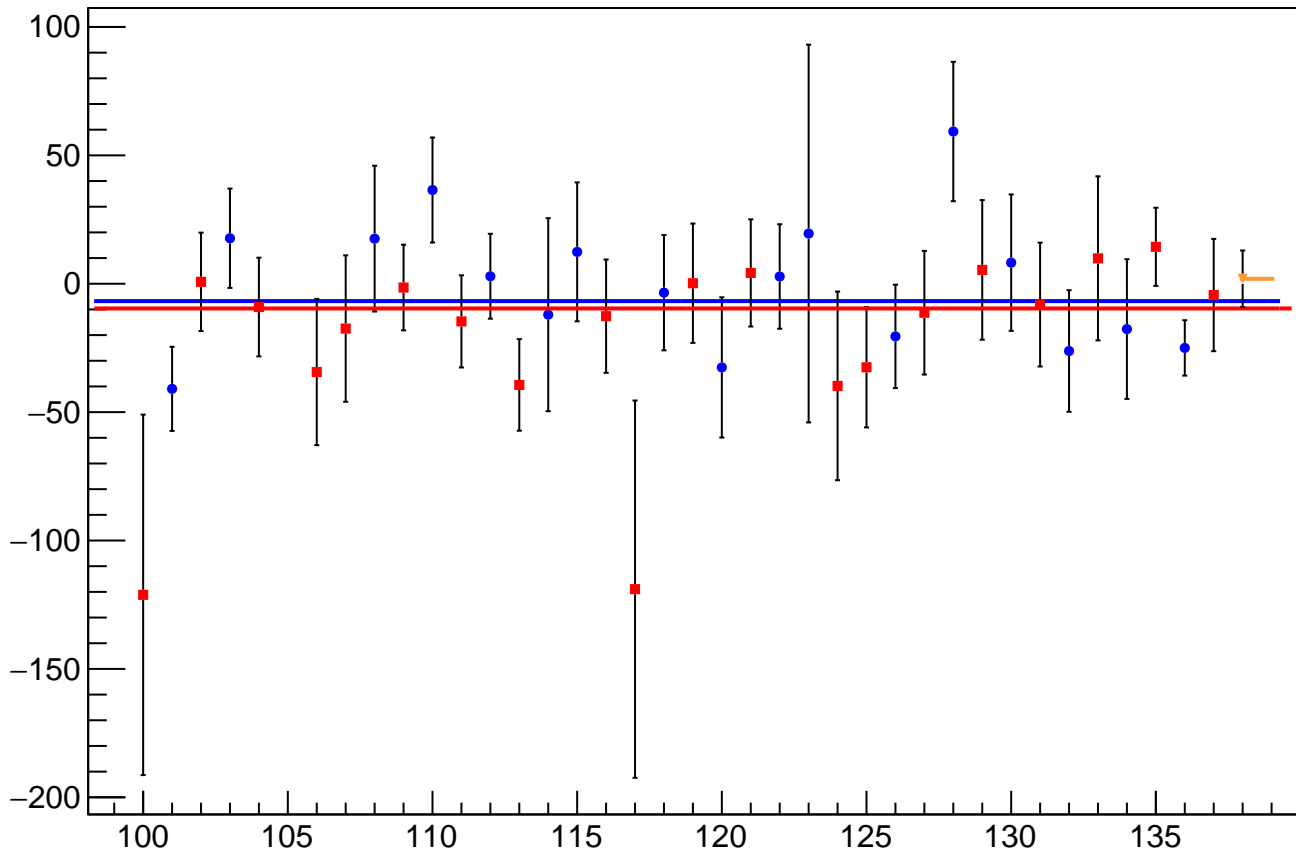
7628.112+/-2.030 χ^2 /NDF: 779871.0/17

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 ± 5.085 $\chi^2/\text{NDF}: 23.7/16$

Left Out: 1.927 ± 11.028 $\chi^2/\text{NDF}: 0.0/0$

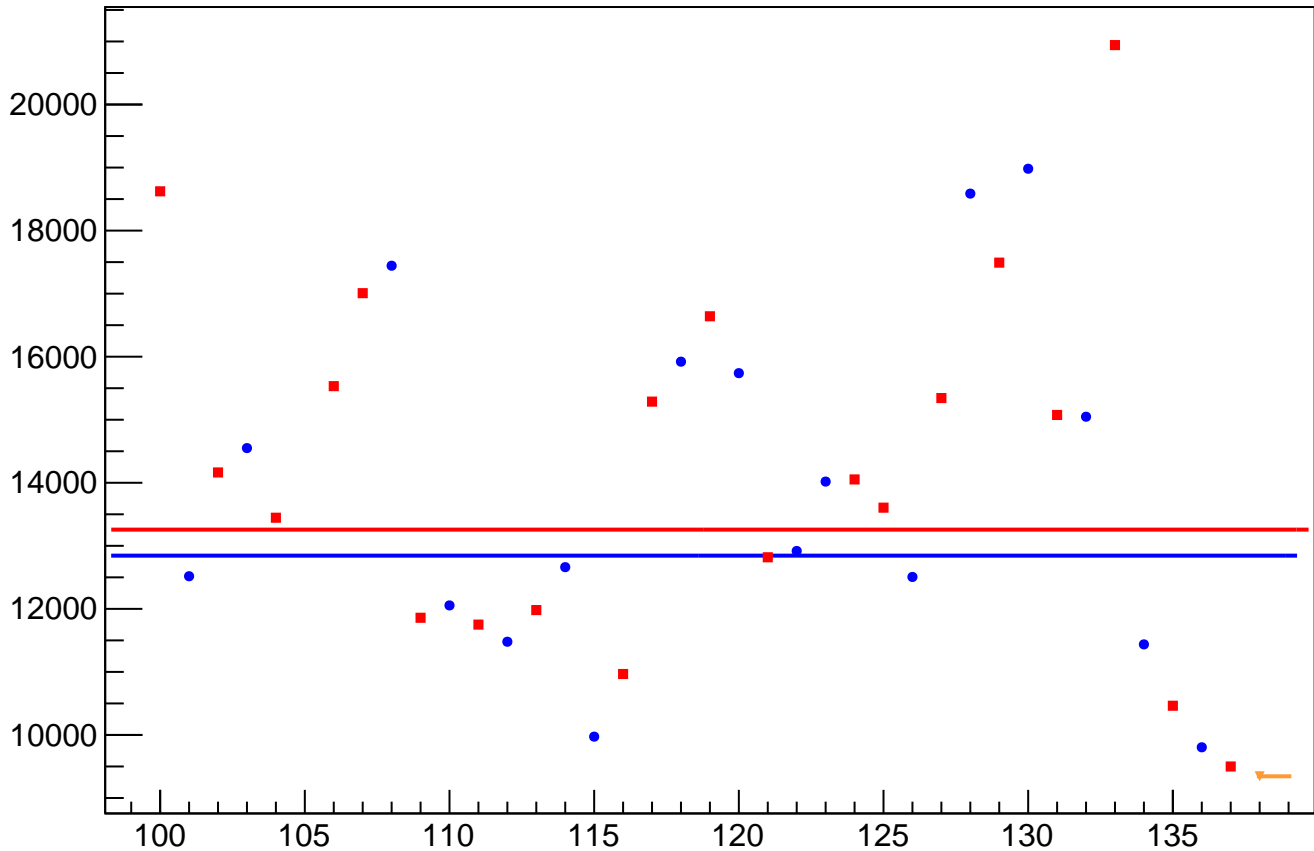
Right Out: -9.622 ± 5.058 $\chi^2/\text{NDF}: 14.5/19$

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

-5.237 ± 4.617 $\chi^2/\text{NDF}: 24.2/17$

-9.622 ± 5.058 $\chi^2/\text{NDF}: 14.5/19$

diff_bpm4ecX_rms vs Slug



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

Left Out: 9344.068+/-7.798 χ^2 /NDF:0.0/0

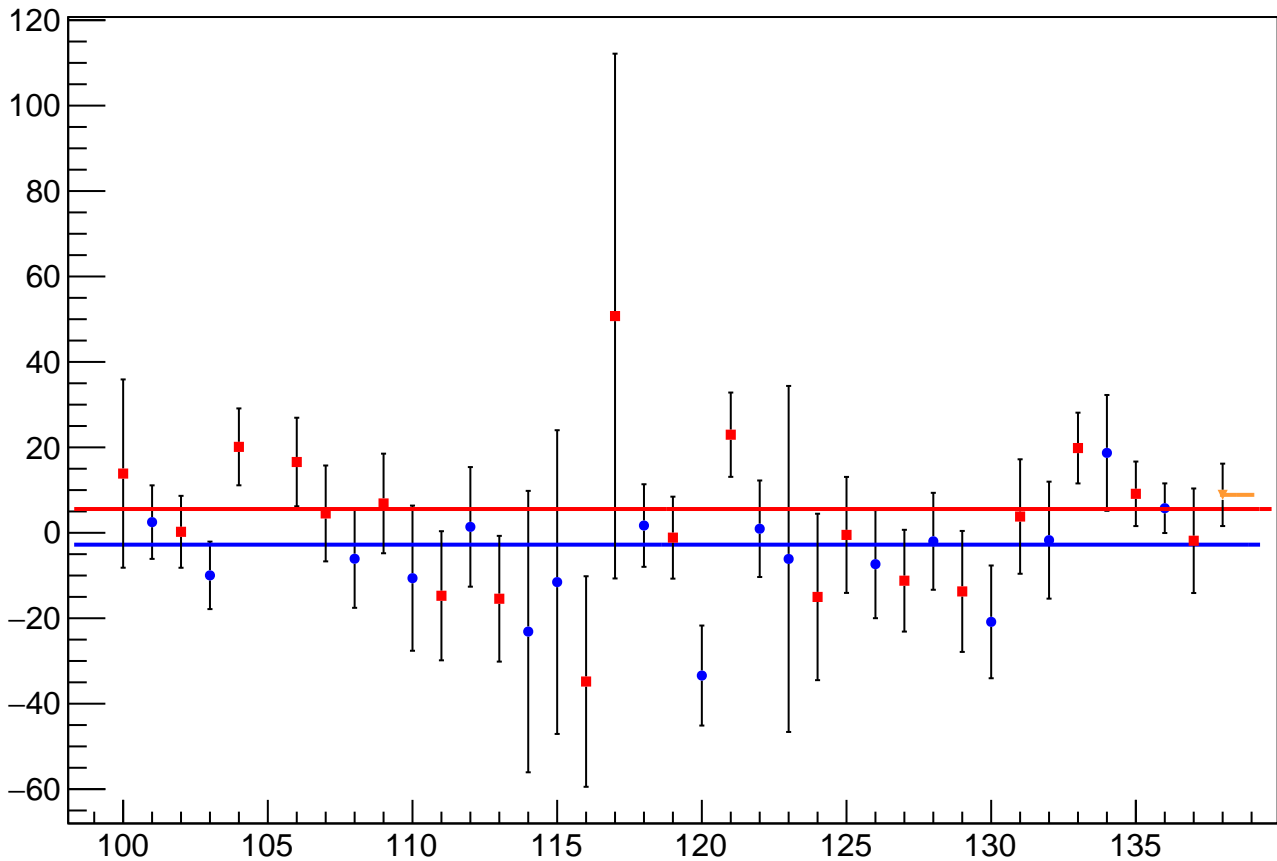
12230.629+/-3.265 χ^2 /NDF: 713439.9/17

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 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 8.886 ± 7.303 $\chi^2/\text{NDF}: 0.0/0$

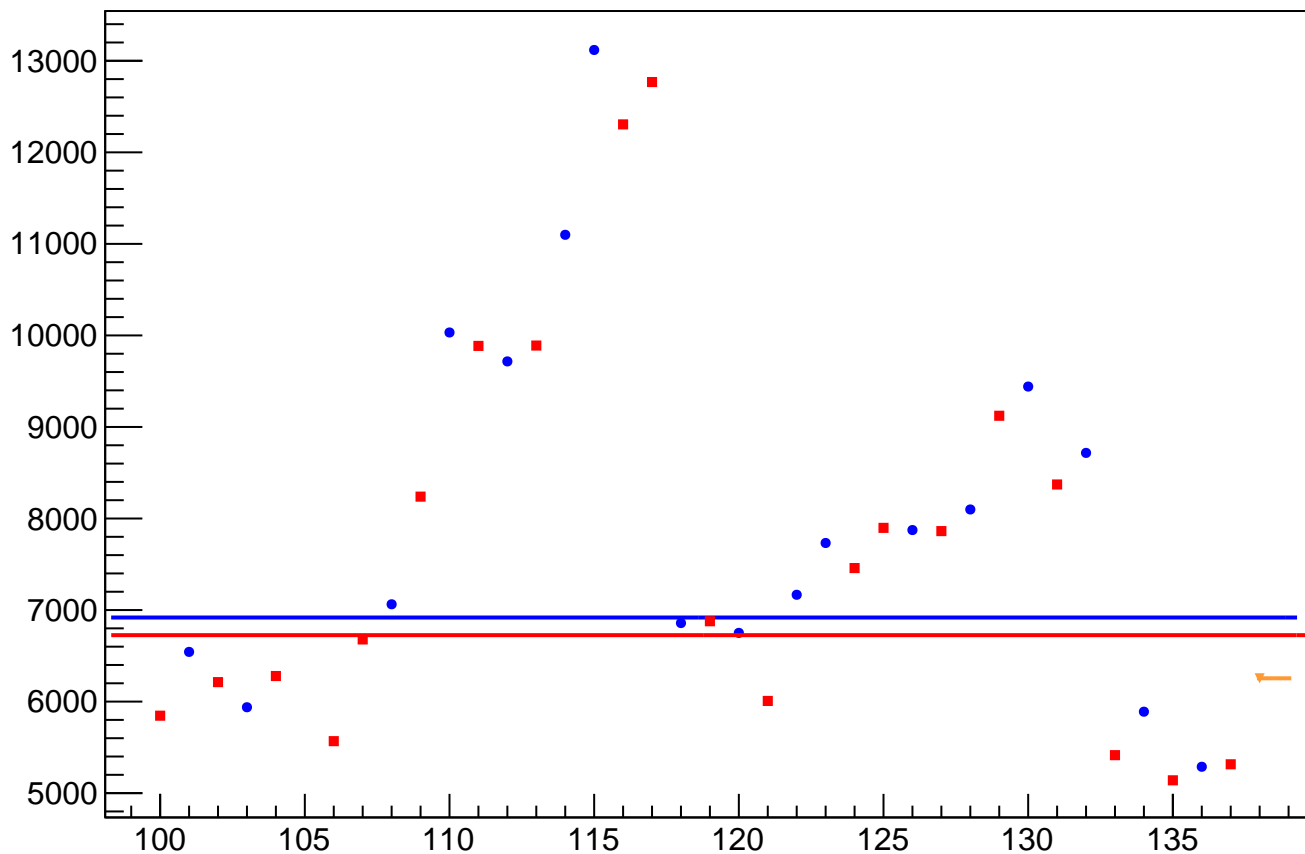
Right Out: 5.571 ± 2.585 $\chi^2/\text{NDF}: 23.7/19$

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

-1.343 ± 2.559 $\chi^2/\text{NDF}: 18.1/17$

5.571 ± 2.585 $\chi^2/\text{NDF}: 23.7/19$

diff_bpm4ecY_rms vs Slug



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

Left Out: 6254.397+/-5.164 χ^2 /NDF: 0.0/0

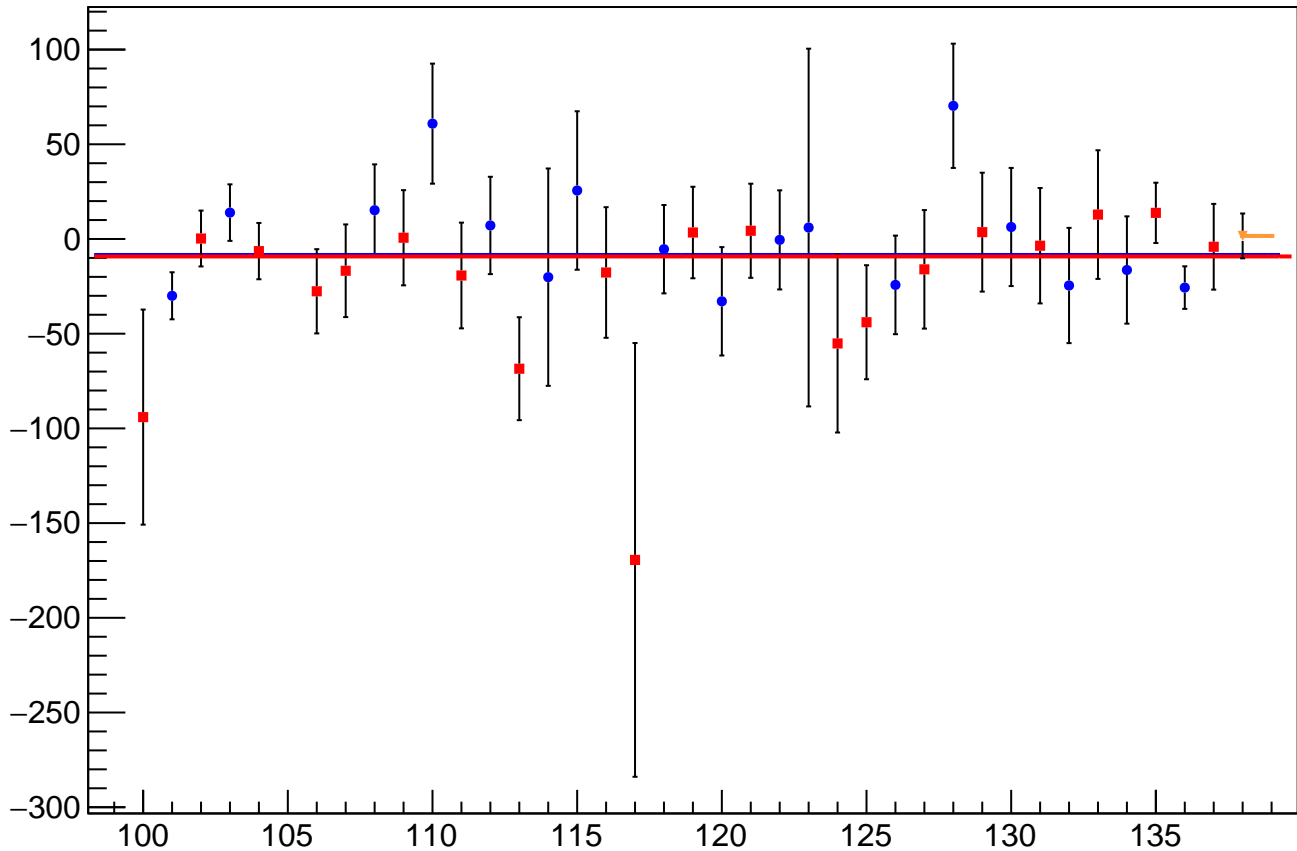
Right Out: 6725.745+/-1.828 χ^2 /NDF: 675399.9/19

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

6836.976+/-1.809 χ^2 /NDF: 601545.8/17

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

diff_bpm1X_mean vs Slug



Right In: -8.448 ± 5.393 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 1.620 ± 11.831 $\chi^2/\text{NDF}: 0.0/0$

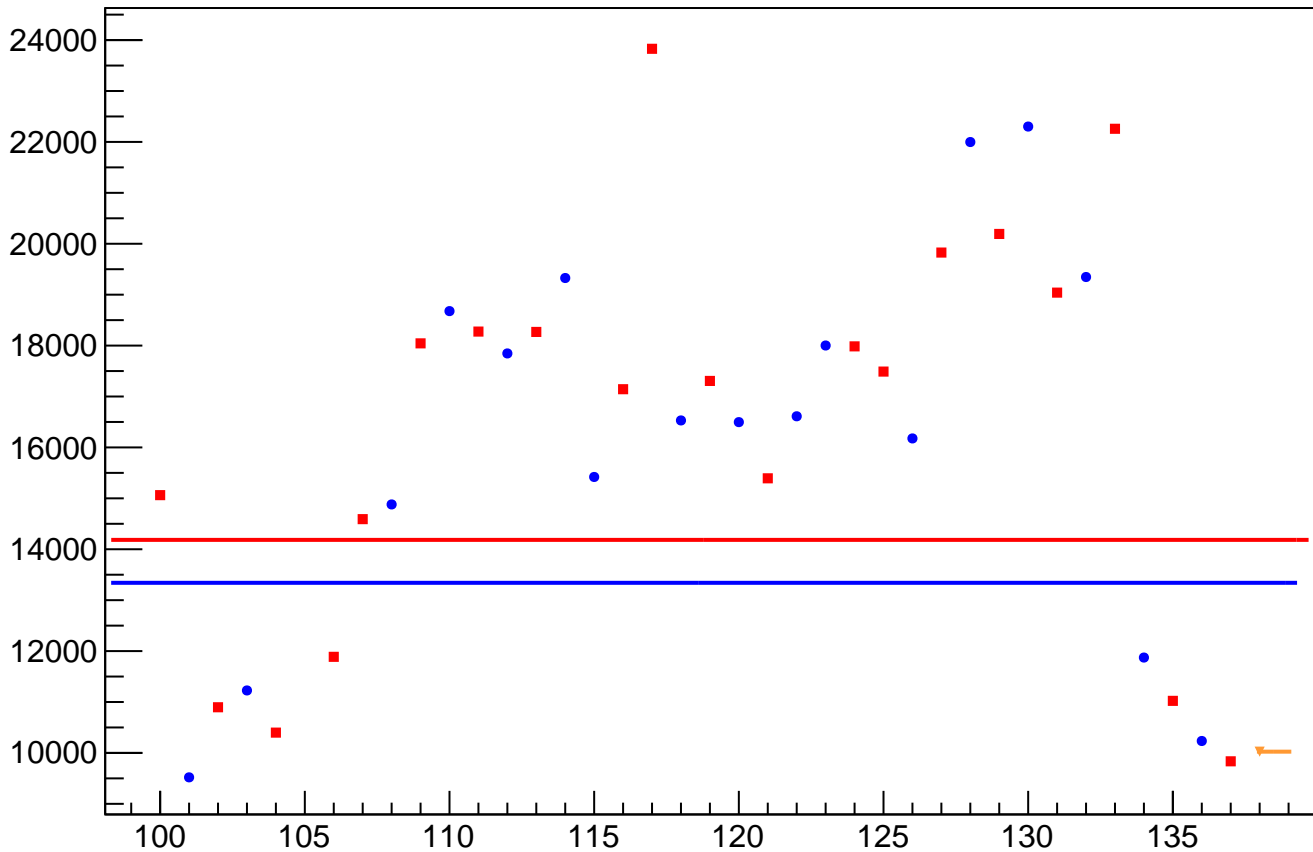
Right Out: -9.224 ± 5.502 $\chi^2/\text{NDF}: 16.2/19$

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

-6.716 ± 4.907 $\chi^2/\text{NDF}: 22.6/17$

-9.224 ± 5.502 $\chi^2/\text{NDF}: 16.2/19$

diff_bpm1X_rms vs Slug



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

Left Out: 10024.739+/-8.366 χ^2 /NDF: 0.0/0

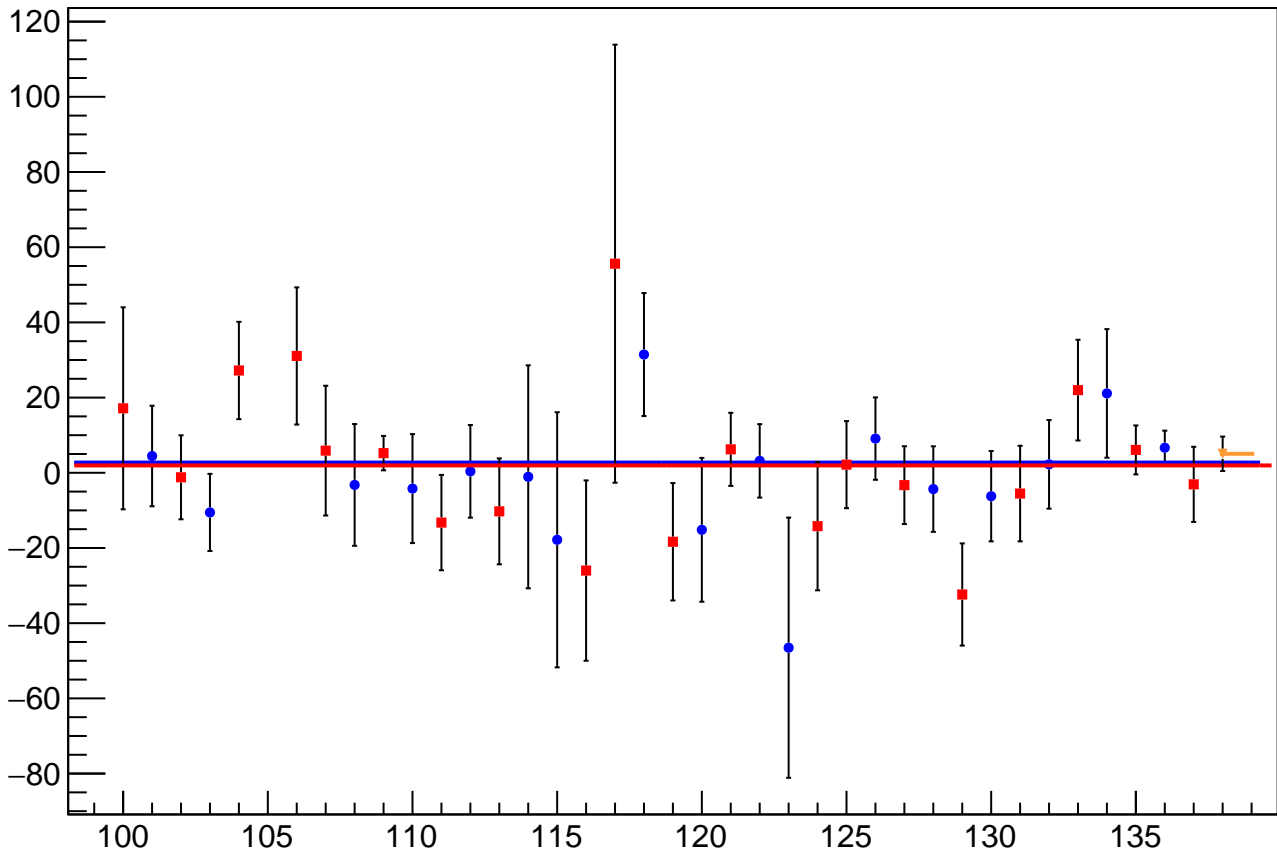
12770.463+/-3.470 χ^2 /NDF: 1174666.9/17

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

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

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

diff_bpm1Y_mean vs Slug



Right In: 2.717 \pm 2.752 χ^2 /NDF: 11.6/16

Left Out: 5.050 \pm 4.580 χ^2 /NDF: 0.0/0

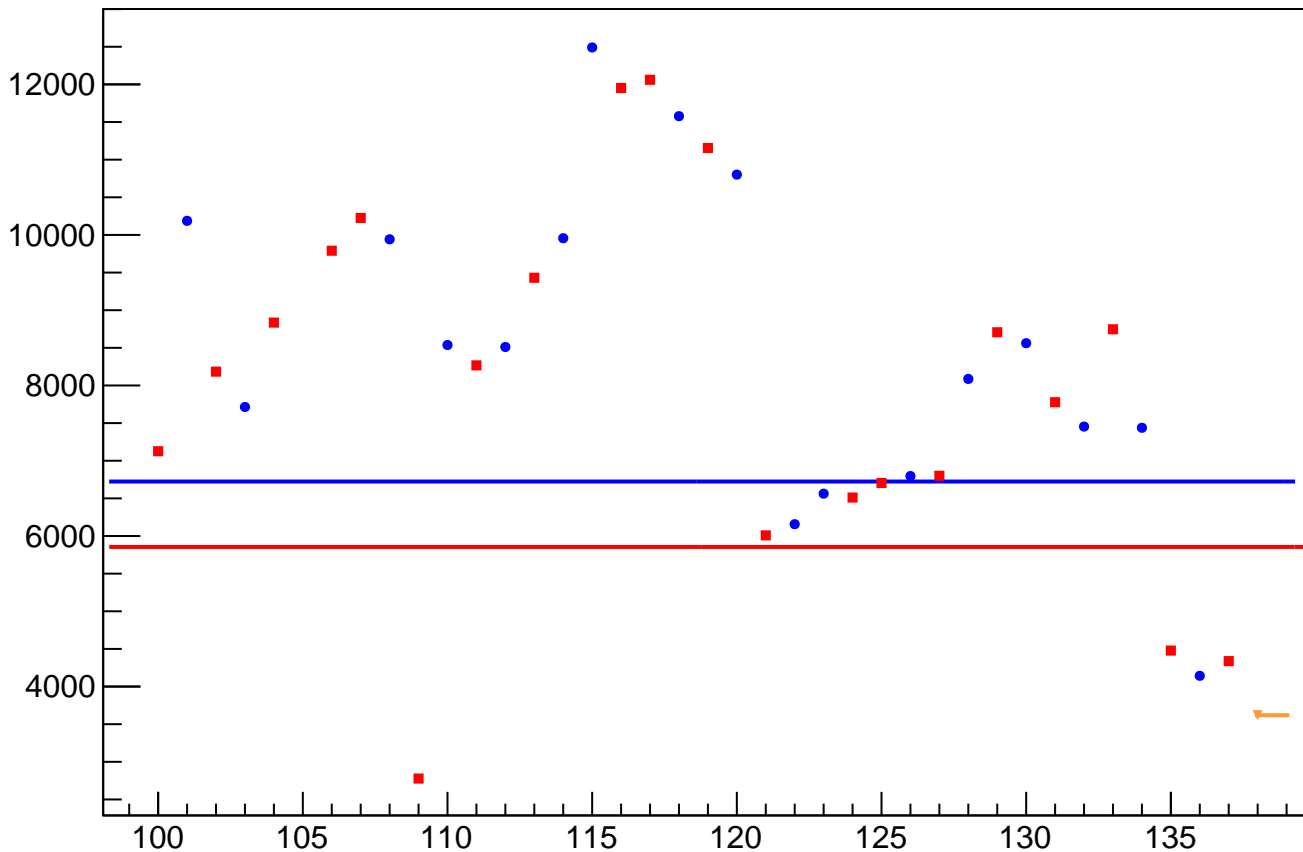
Right Out: 1.955 \pm 2.437 χ^2 /NDF: 24.4/19

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

3.336 \pm 2.359 χ^2 /NDF: 11.8/17

1.955 \pm 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: 3619.430+/-3.238 χ^2/NDF : 0.0/0

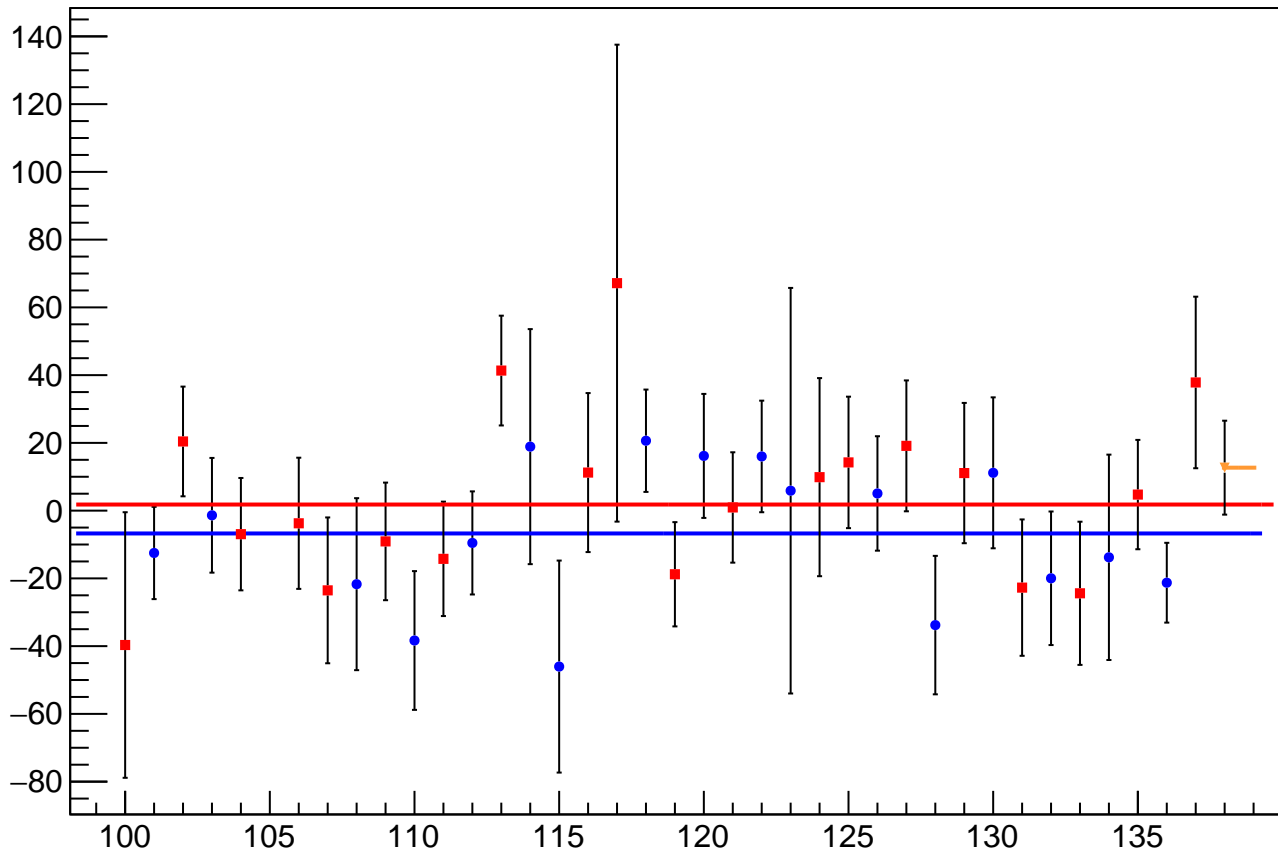
5900.231+/-1.668 χ^2/NDF : 2067269.5/17

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

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

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

diff_bpm11X_mean vs Slug



Right In: -6.736 ± 4.513 $\chi^2/\text{NDF}: 16.9/16$

Left Out: 12.685 ± 13.865 $\chi^2/\text{NDF}: 0.0/0$

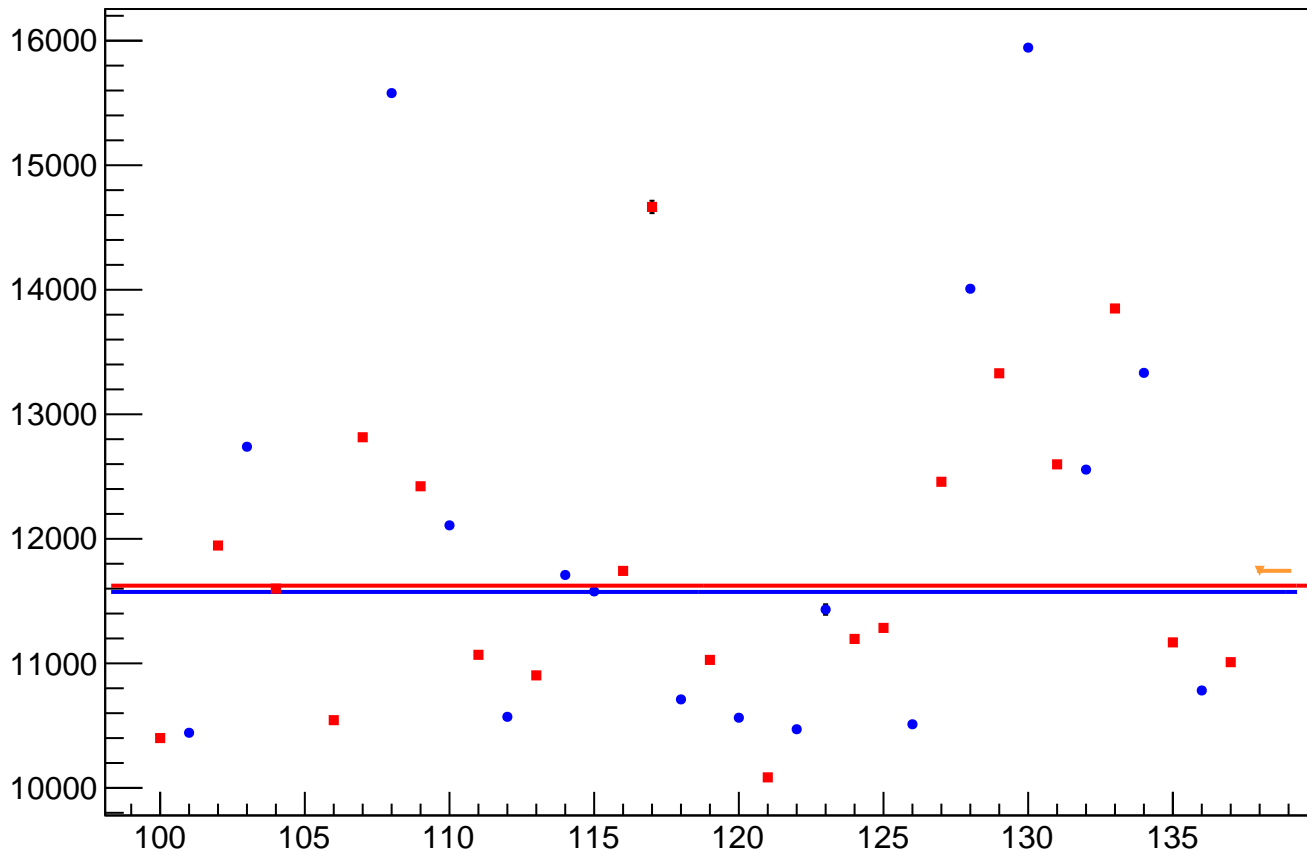
Right Out: 1.802 ± 4.364 $\chi^2/\text{NDF}: 20.8/19$

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

-4.876 ± 4.291 $\chi^2/\text{NDF}: 18.6/17$

1.802 ± 4.364 $\chi^2/\text{NDF}: 20.8/19$

diff_bpm11X_rms vs Slug



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

Left Out: 11743.266+/-9.804 χ^2 /NDF: 0.0/0

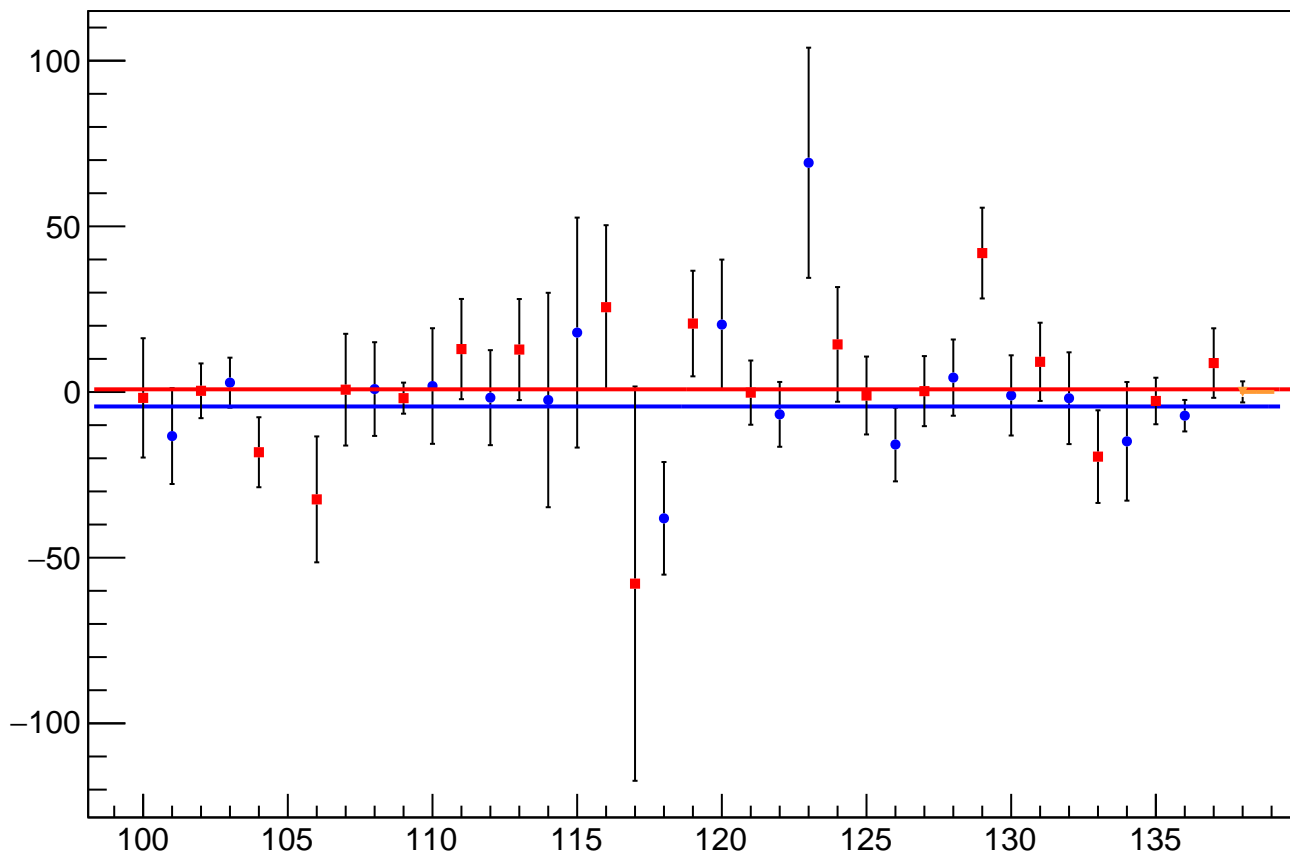
Right Out: 11623.951+/-3.086 χ^2 /NDF: 98055.0/19

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

11589.754+/-3.034 χ^2 /NDF: 239005.9/17

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: 0.042 ± 3.177 χ^2/NDF : 0.0/0

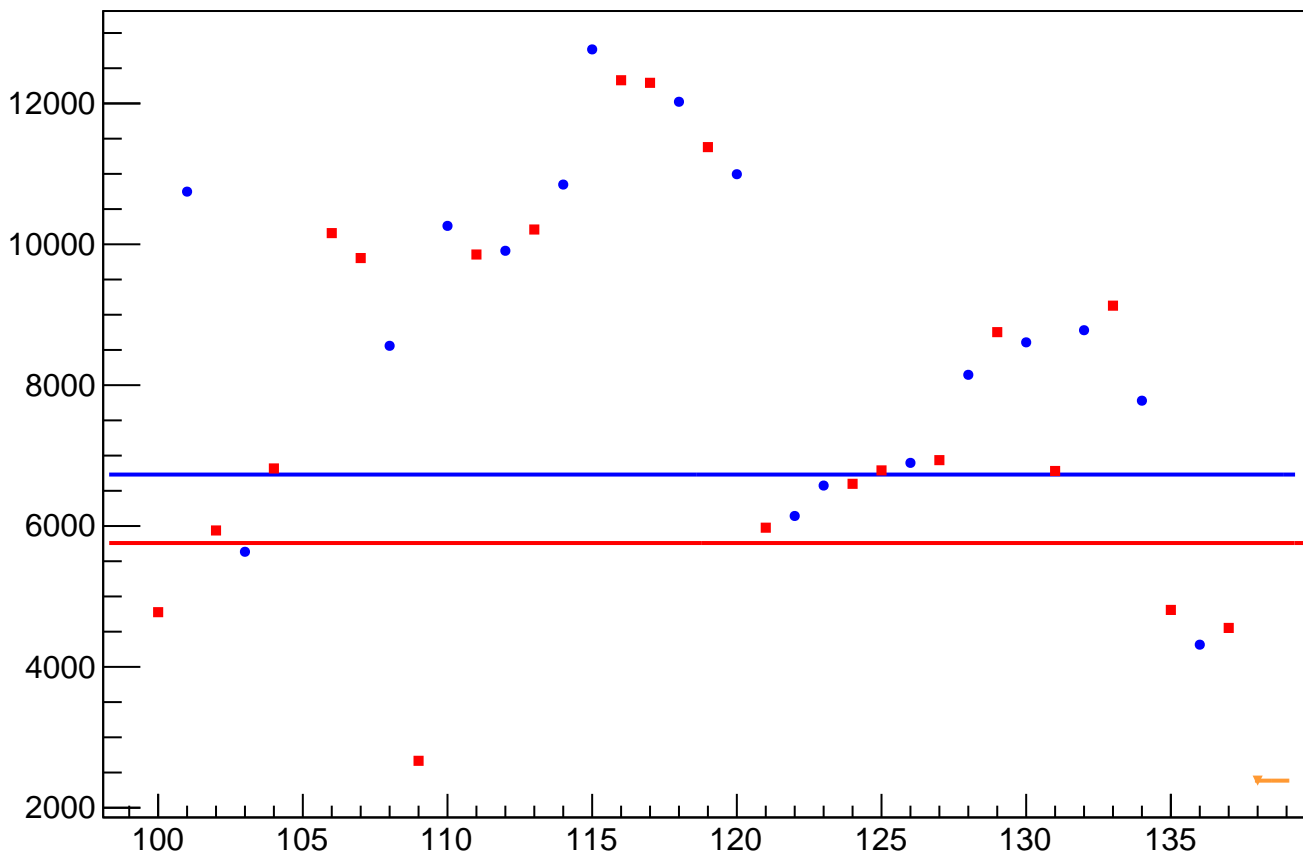
Right Out: 0.816 ± 2.424 χ^2/NDF : 24.5/19

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

-2.455 ± 2.091 χ^2/NDF : 15.6/17

0.816 ± 2.424 χ^2/NDF : 24.5/19

diff_bpm11Y_rms vs Slug



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

Left Out: 2384.865+/-2.247 χ^2/NDF : 0.0/0

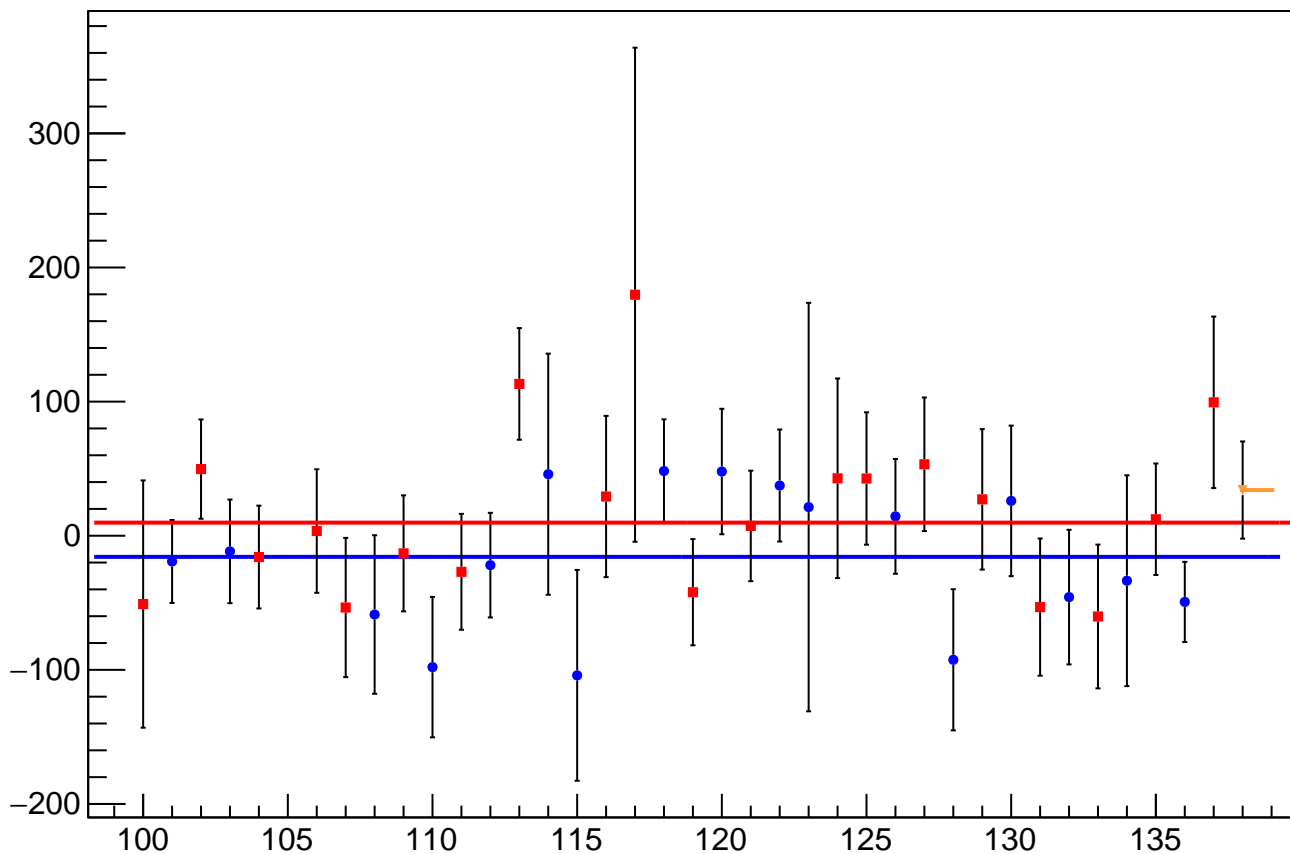
Right Out: 5758.506+/-1.714 χ^2/NDF : 2186395.0/19

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

4849.303+/-1.478 χ^2/NDF : 3566867.0/17

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

diff_bpm12X_mean vs Slug



Right In: -15.751 ± 11.207 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 34.062 ± 36.240 $\chi^2/\text{NDF}: 0.0/0$

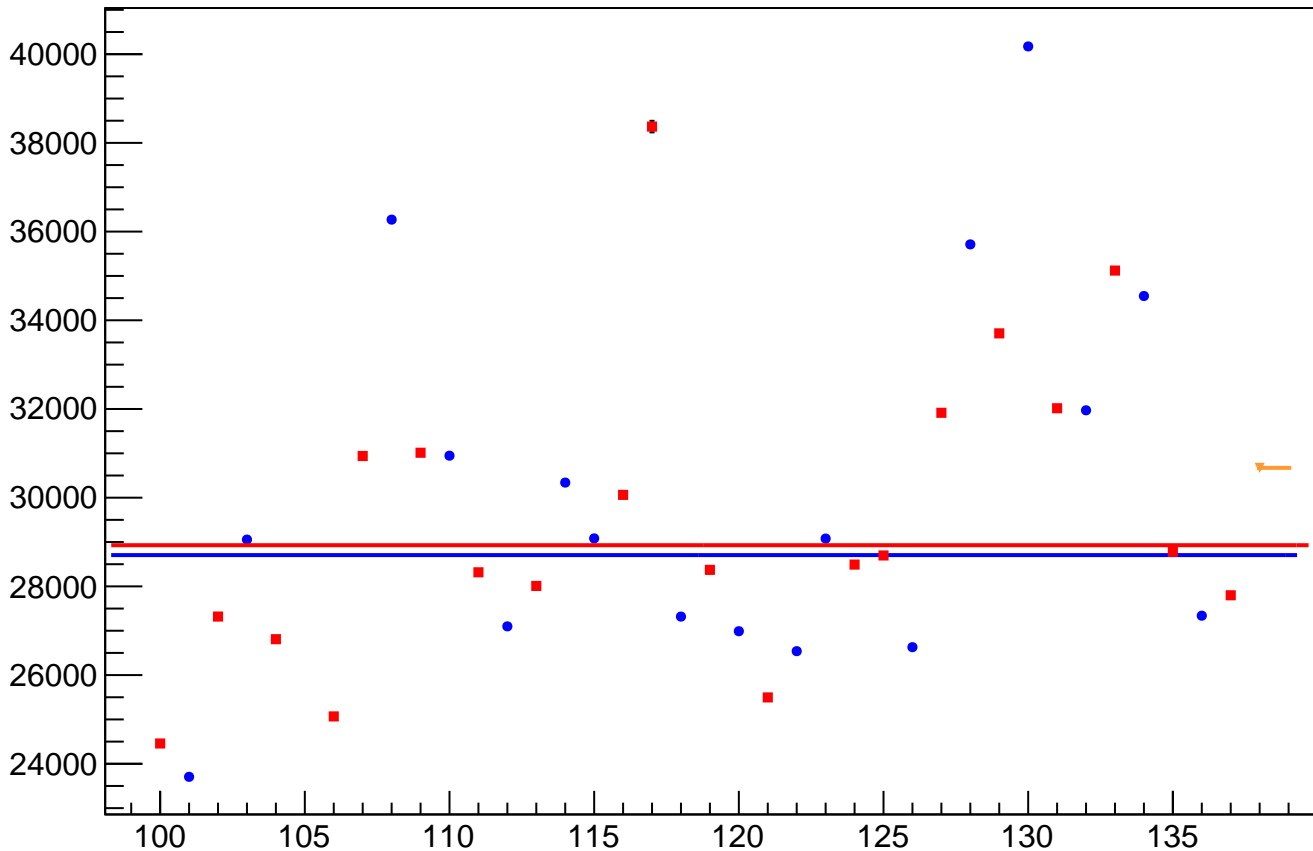
Right Out: 9.773 ± 10.870 $\chi^2/\text{NDF}: 20.1/19$

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

-11.402 ± 10.707 $\chi^2/\text{NDF}: 17.6/17$

9.773 ± 10.870 $\chi^2/\text{NDF}: 20.1/19$

diff_bpm12X_rms vs Slug



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

Left Out: 30672.412+/-25.625 χ^2 /NDF:0.0/0

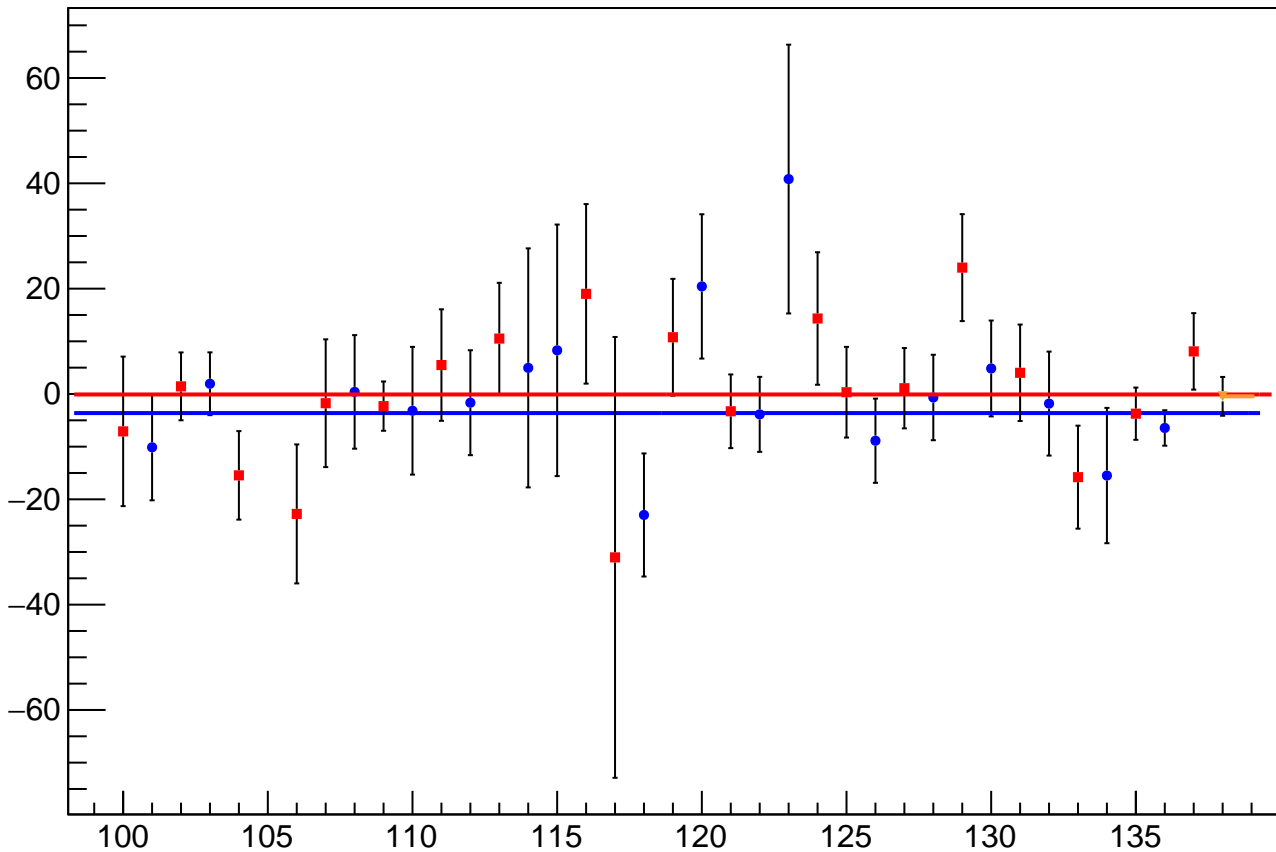
28877.259+/-7.571 χ^2 /NDF: 256369.4/17

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

diff_bpm12Y_mean vs Slug



Right In: -3.625 ± 2.006 $\chi^2/\text{NDF}: 13.7/16$

Left Out: -0.446 ± 3.685 $\chi^2/\text{NDF}: 0.0/0$

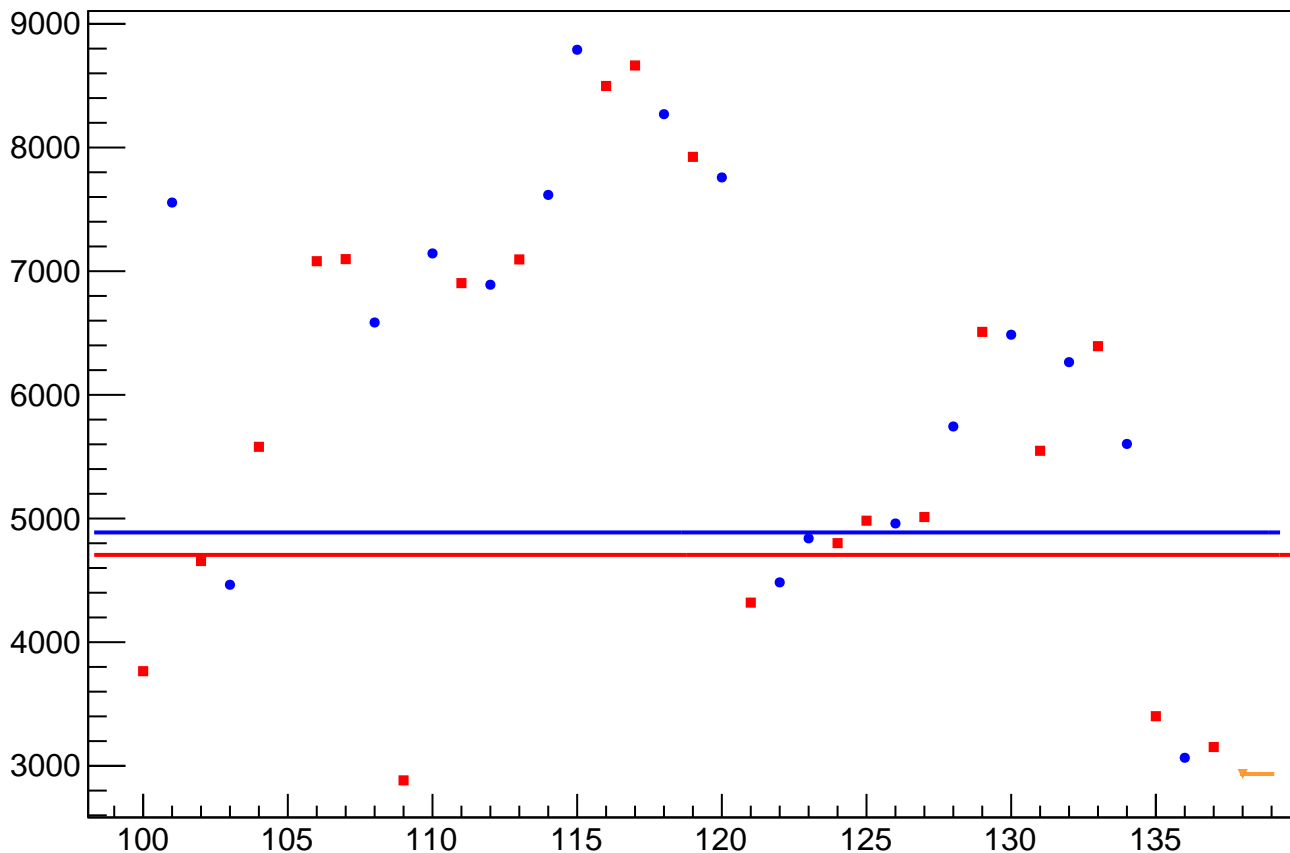
Right Out: -0.090 ± 1.888 $\chi^2/\text{NDF}: 22.6/19$

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

-2.898 ± 1.762 $\chi^2/\text{NDF}: 14.3/17$

-0.090 ± 1.888 $\chi^2/\text{NDF}: 22.6/19$

diff_bpm12Y_rms vs Slug



Right In: 4887.515+/-1.418 χ^2 /NDF: 1409296.8/16

Left Out: 2933.990+/-2.605 χ^2 /NDF:0.0/0

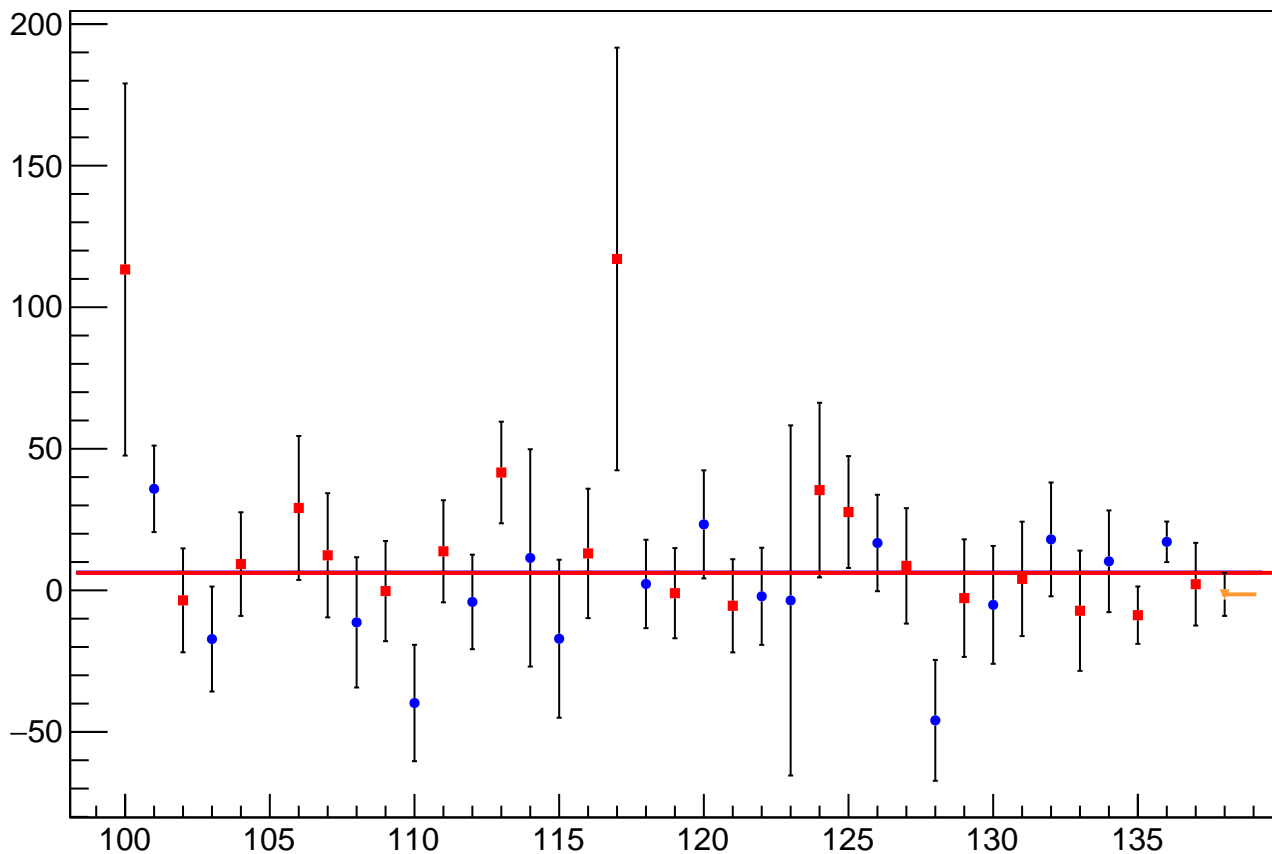
4440.854+/-1.246 χ^2 /NDF: 1842970.7/17

Right Out: 4705.797+/-1.335 χ^2 /NDF: 1331043.3/19

4705.797+/-1.335 χ^2 /NDF: 1331043.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

diff_bpm16X_mean vs Slug



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

Left Out: -1.409+/-7.615 χ^2/NDF : 0.0/0

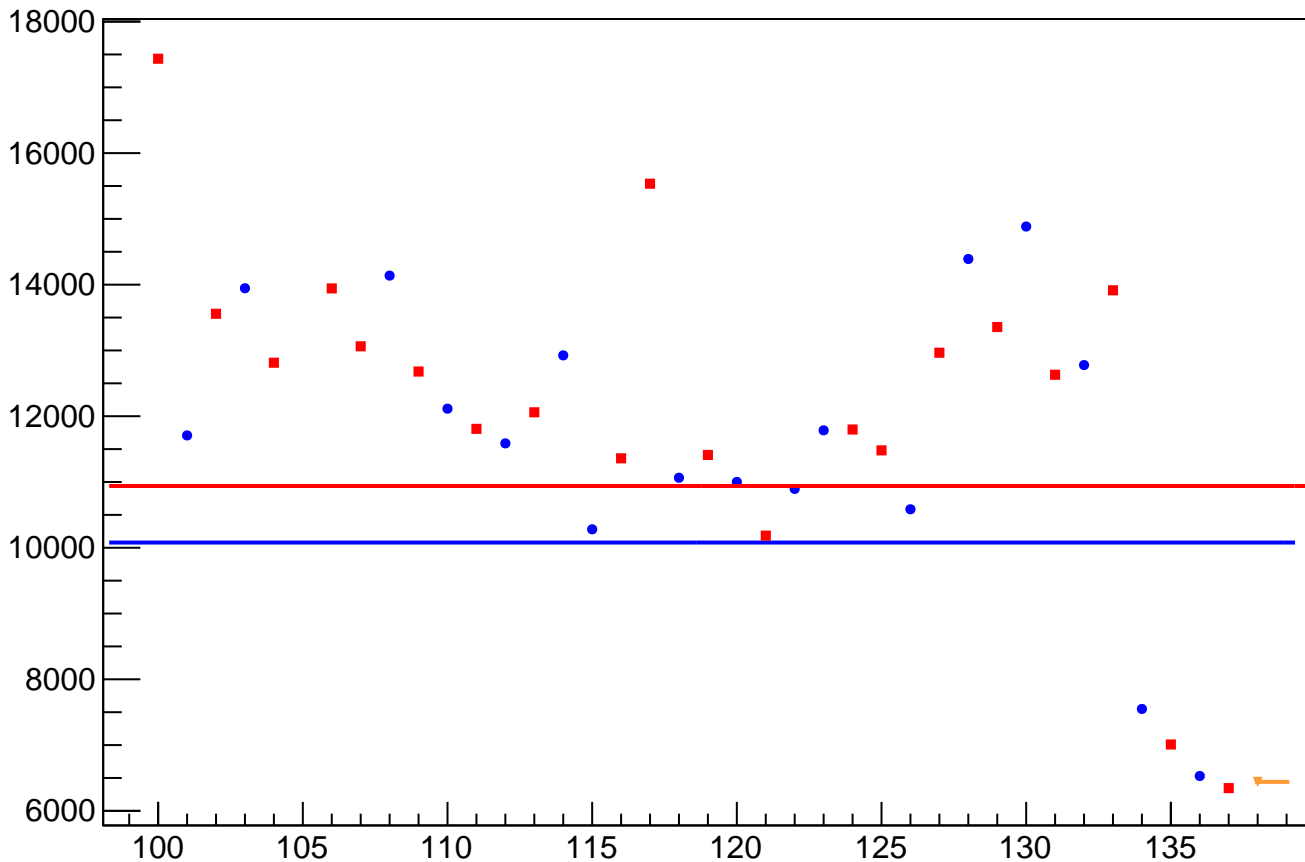
Right Out: 6.182+/-4.212 χ^2/NDF : 16.0/19

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

4.578+/-3.585 χ^2/NDF : 23.3/17

6.182+/-4.212 χ^2/NDF : 16.0/19

diff_bpm16X_rms vs Slug



Right In: 10079.454+/-2.874 χ^2 /NDF: 994683.1/16

Left Out: 6440.485+/-5.384 χ^2 /NDF: 0.0/0

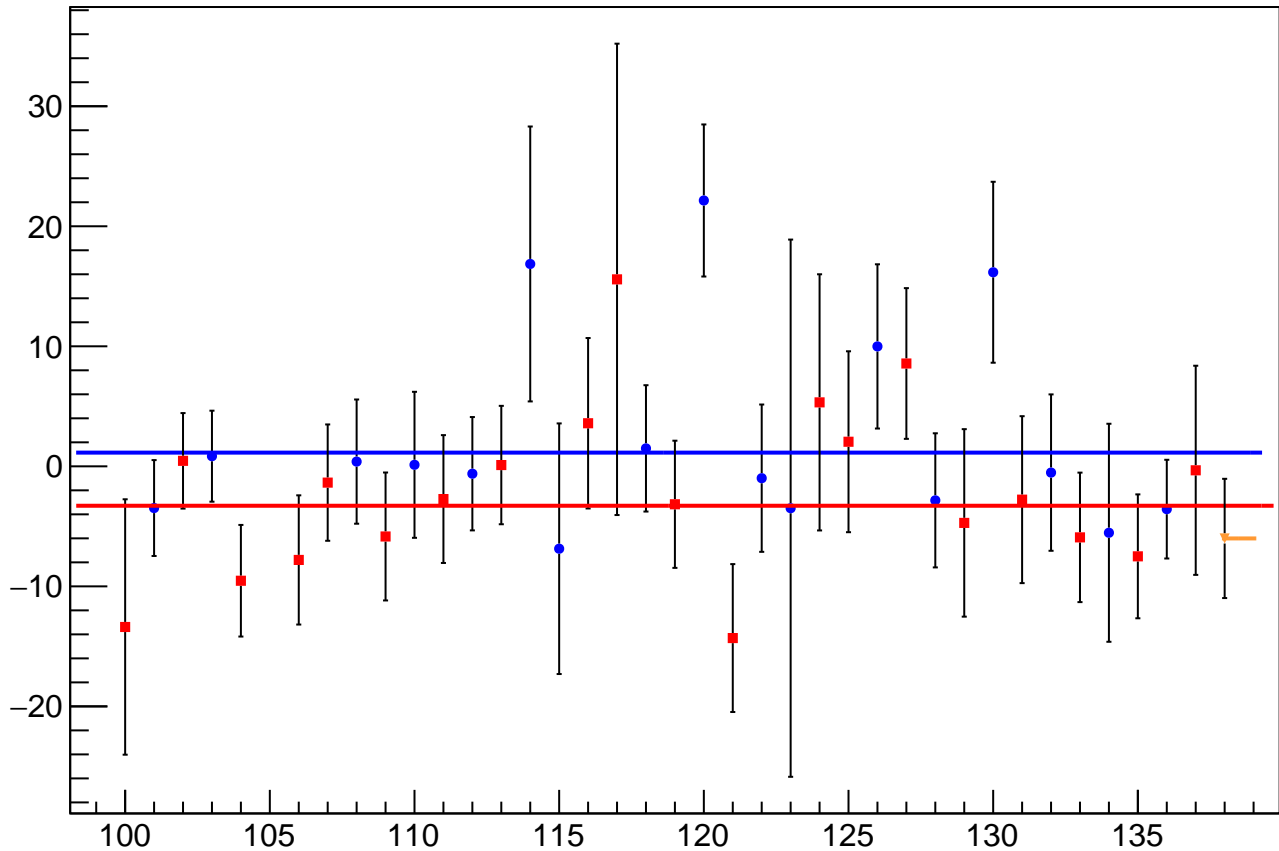
9272.682+/-2.535 χ^2 /NDF: 1350170.5/17

Right Out: 10939.227+/-2.979 χ^2 /NDF: 776055.3/19

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

10939.227+/-2.979 χ^2 /NDF: 776055.3/19

diff_bpm16Y_mean vs Slug



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

Left Out: -6.007 \pm 4.967 χ^2 /NDF: 0.0/0

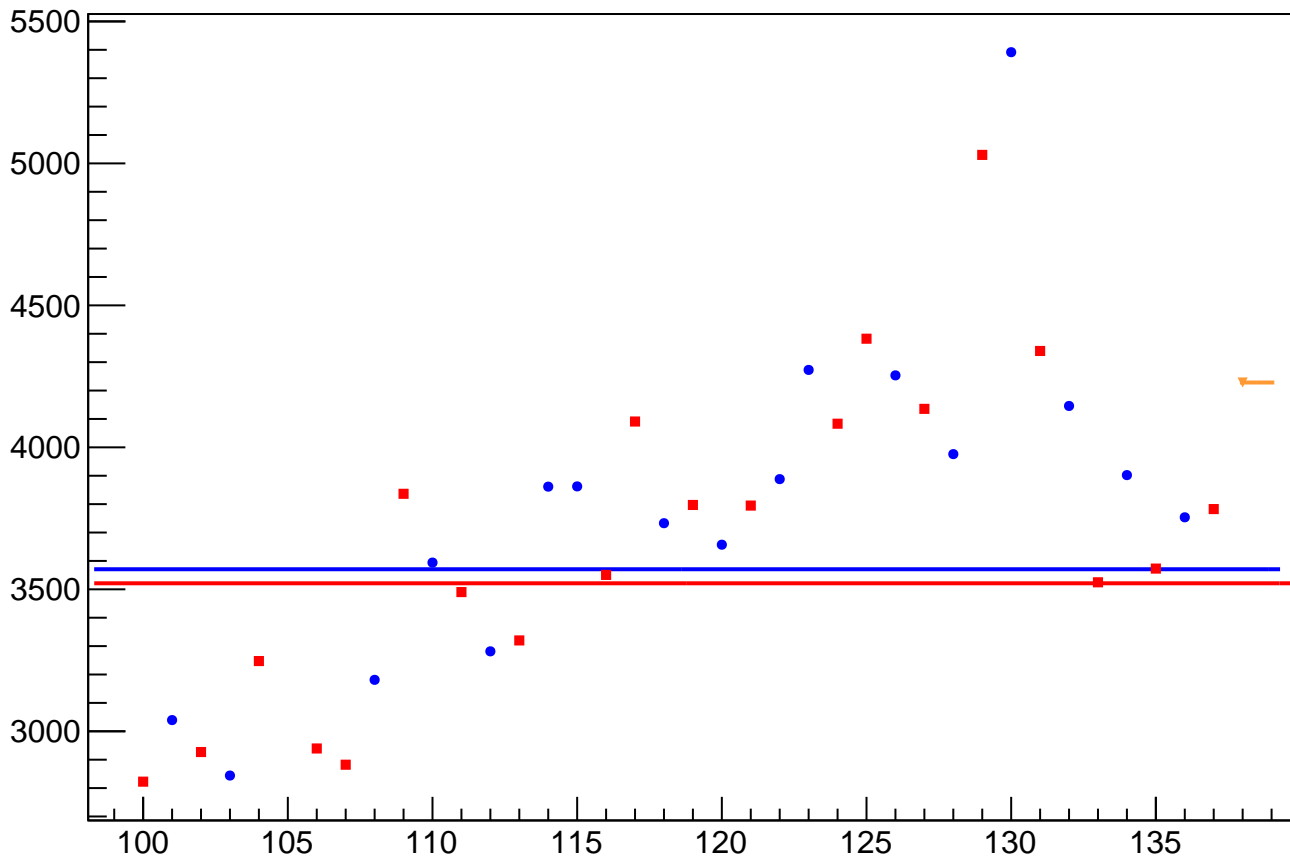
Right Out: -3.284 \pm 1.330 χ^2 /NDF: 16.0/19

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

0.620 \pm 1.343 χ^2 /NDF: 25.2/17

-3.284 \pm 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: 4228.357 \pm 3.512 χ^2 /NDF: 0.0/0

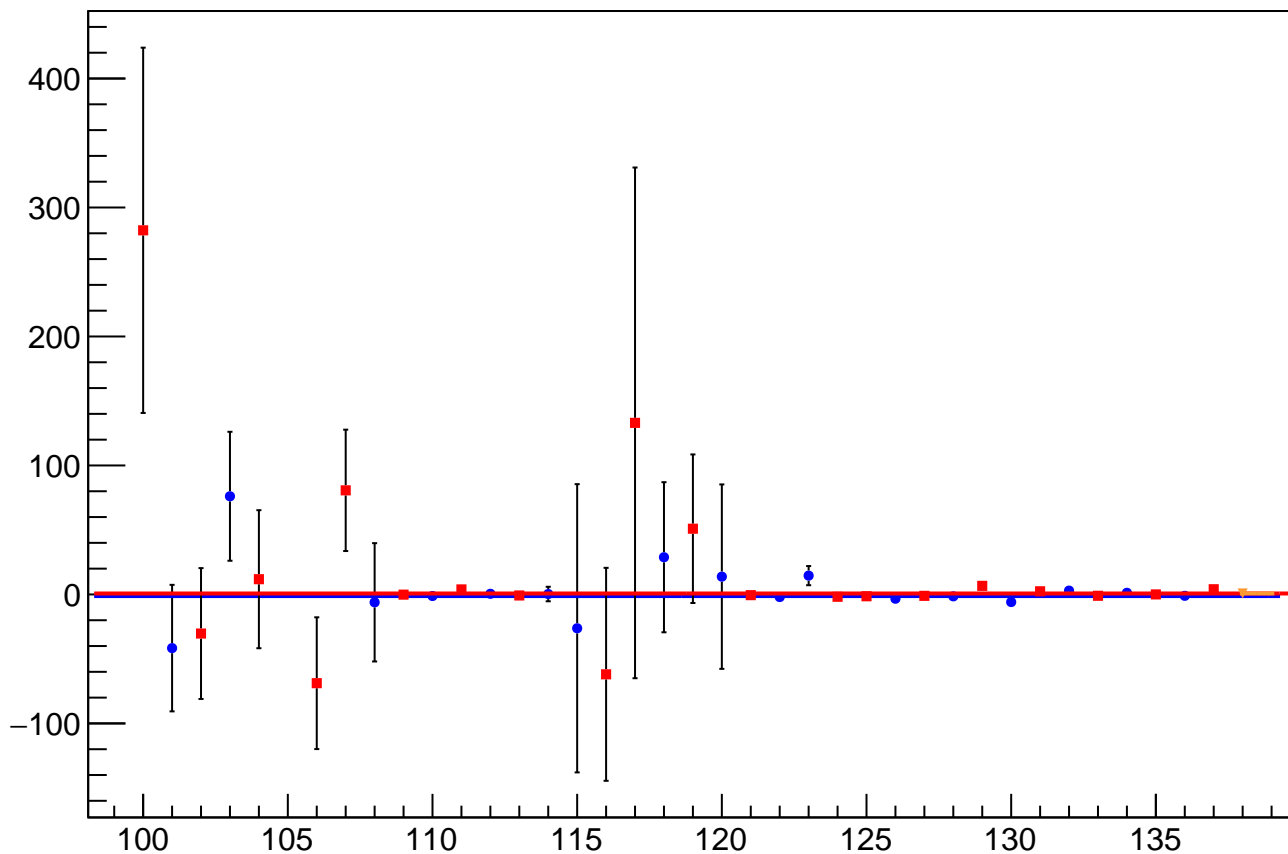
Right Out: 3521.247 \pm 0.941 χ^2 /NDF: 294919.2/19

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

3618.798 \pm 0.950 χ^2 /NDF: 342062.9/17

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

diff_bpm1p02bX_mean vs Slug



Right In: -1.261 ± 0.748 $\chi^2/\text{NDF}: 16.3/16$

Left Out: 0.760 ± 1.395 $\chi^2/\text{NDF}: 0.0/0$

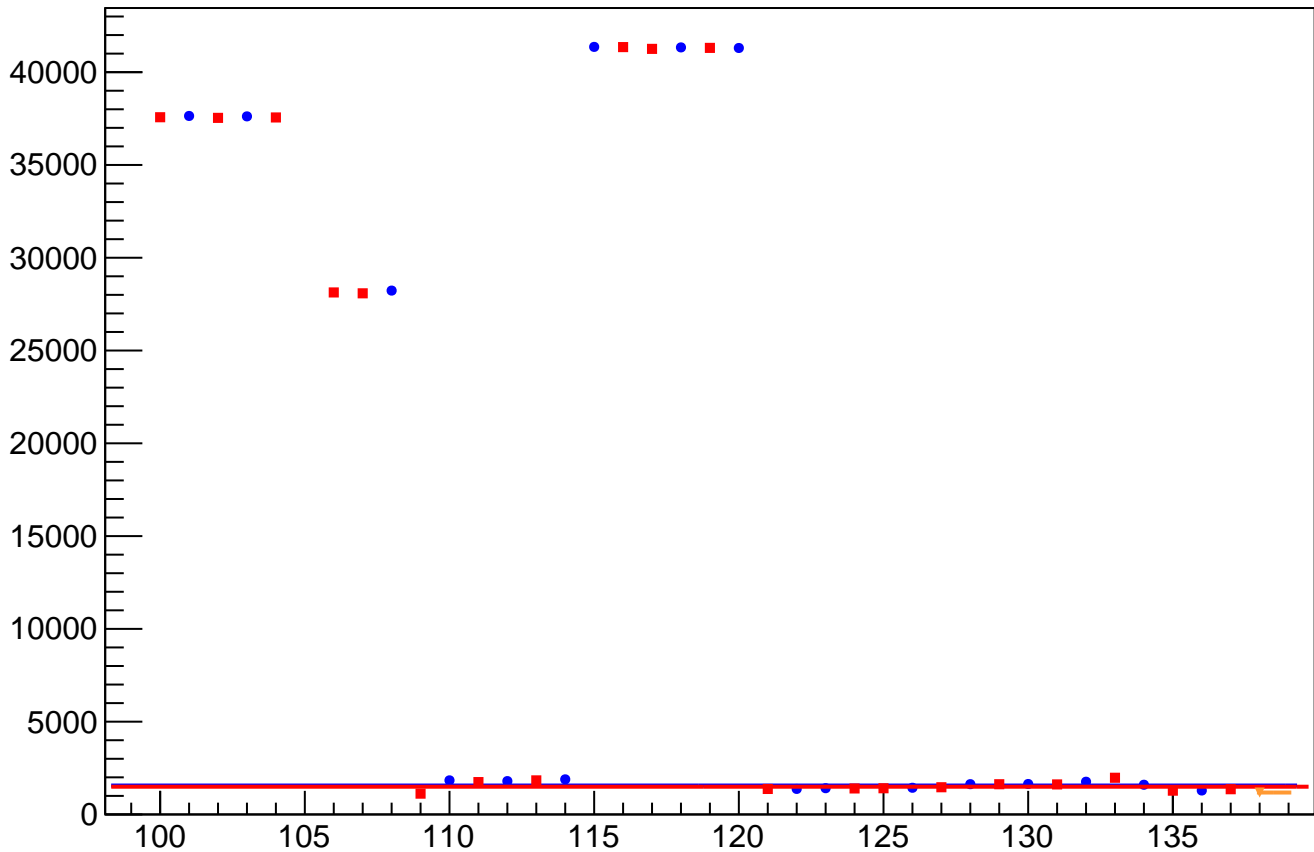
Right Out: 0.735 ± 0.710 $\chi^2/\text{NDF}: 22.5/19$

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

-0.810 ± 0.659 $\chi^2/\text{NDF}: 17.9/17$

0.735 ± 0.710 $\chi^2/\text{NDF}: 22.5/19$

diff_bpm1p02bX_rms vs Slug



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

1474.825+/-0.466 χ^2/NDF : 4867169.9/17

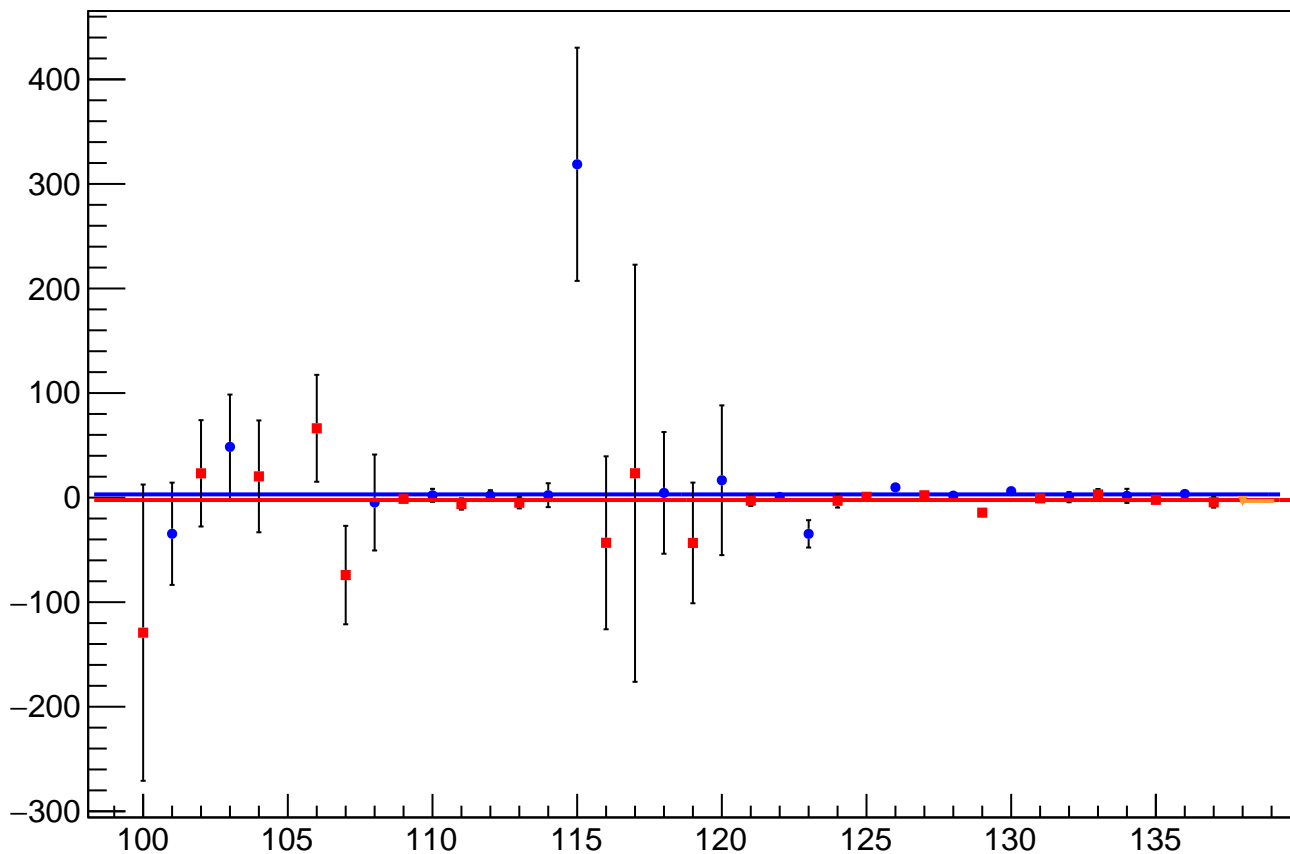
Left Out: 1181.860+/-0.987 χ^2/NDF : 0.0/0

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

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

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

diff_bpm1p02bY_mean vs Slug



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

Left Out: -3.212+/-2.262 χ^2 /NDF: 0.0/0

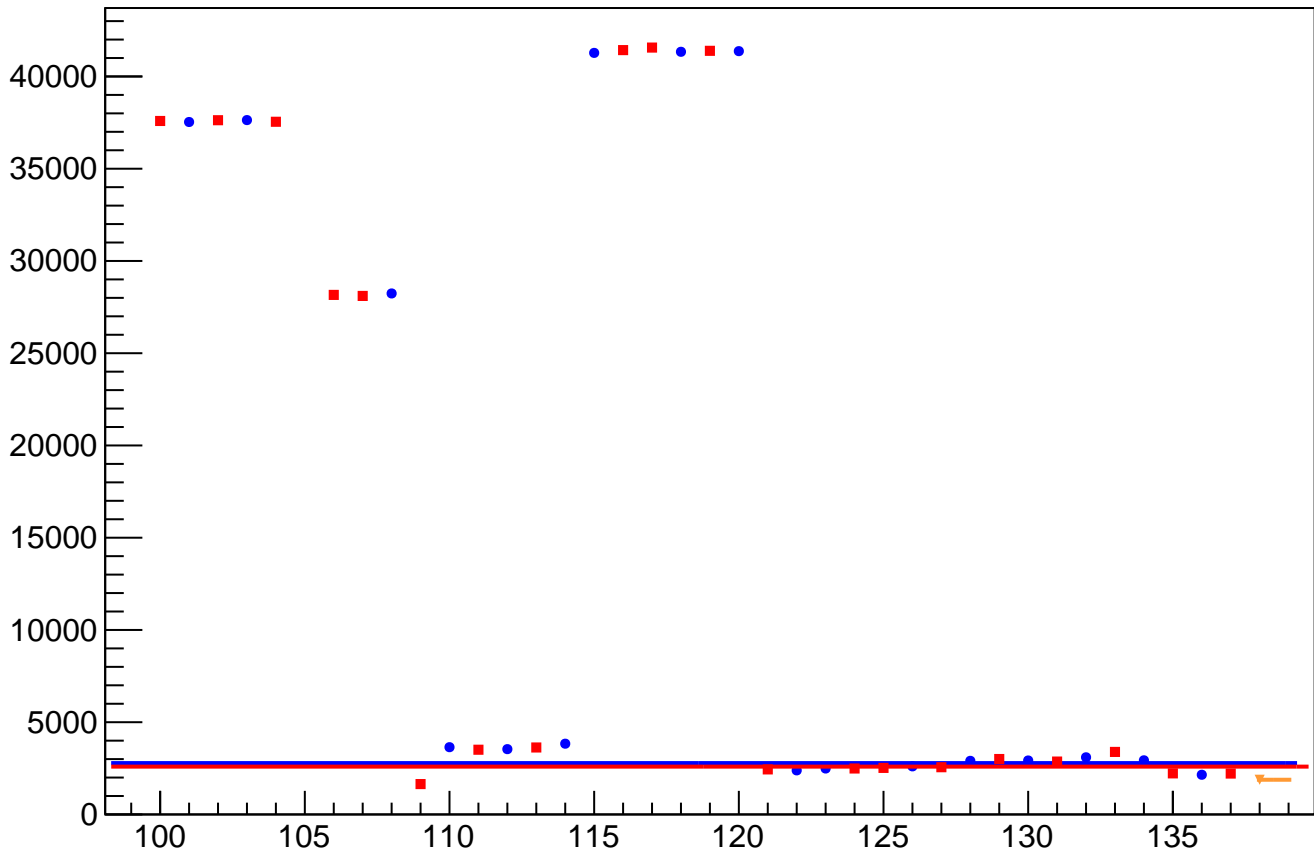
Right Out: -2.305+/-1.235 χ^2 /NDF: 16.9/19

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

1.472+/-1.142 χ^2 /NDF: 27.6/17

-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: 1881.124+/-1.599 χ^2 /NDF:0.0/0

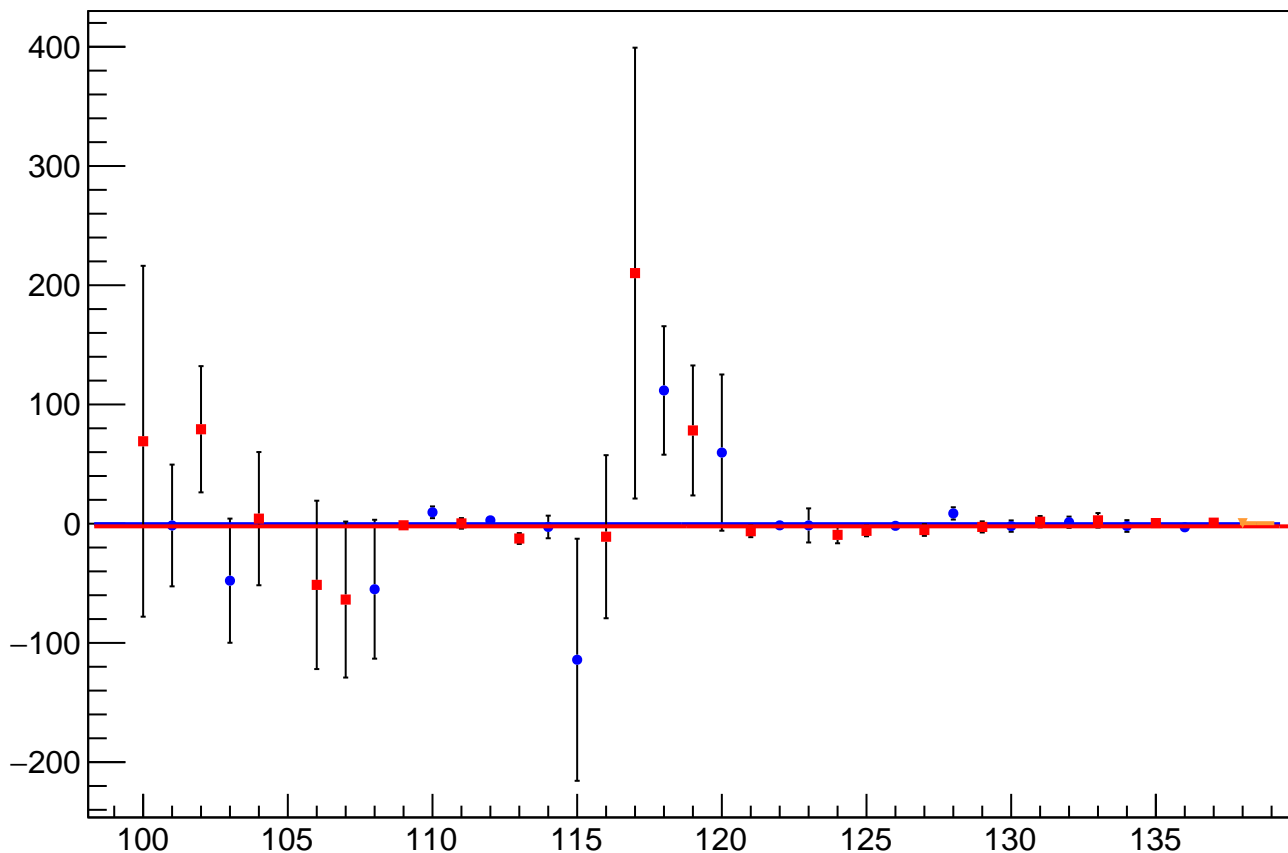
Right Out: 2592.654+/-0.873 χ^2 /NDF: 4923077.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2553.751+/-0.808 χ^2 /NDF: 4814870.3/17

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

diff_bpm1p03aX_mean vs Slug



Right In: -0.403 ± 1.218 $\chi^2/\text{NDF}: 18.3/16$

Left Out: 0.405 ± 2.105 $\chi^2/\text{NDF}: 0.0/0$

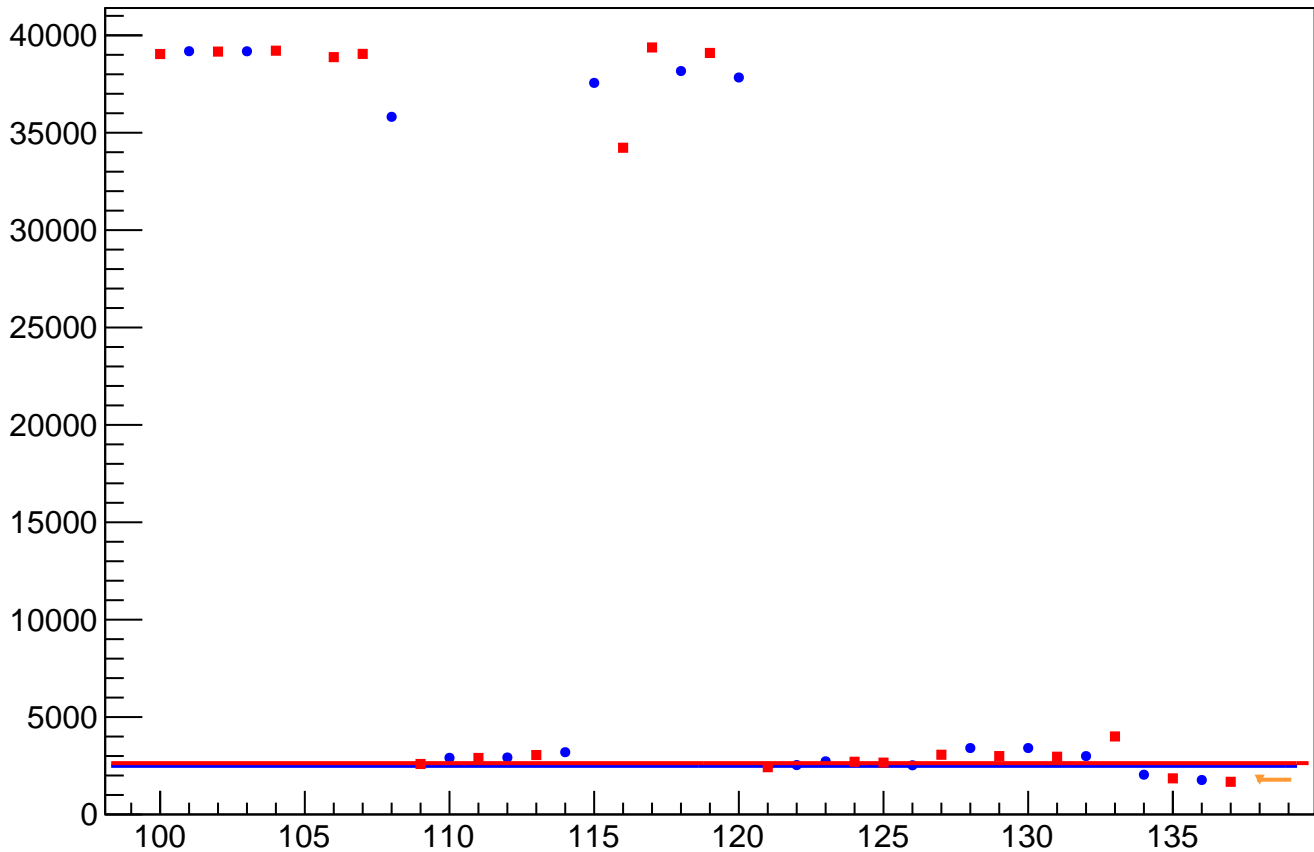
Right Out: -2.235 ± 1.246 $\chi^2/\text{NDF}: 18.7/19$

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

-0.201 ± 1.054 $\chi^2/\text{NDF}: 18.4/17$

-2.235 ± 1.246 $\chi^2/\text{NDF}: 18.7/19$

diff_bpm1p03aX_rms vs Slug



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

2317.357+/-0.745 χ^2 /NDF: 5053139.4/17

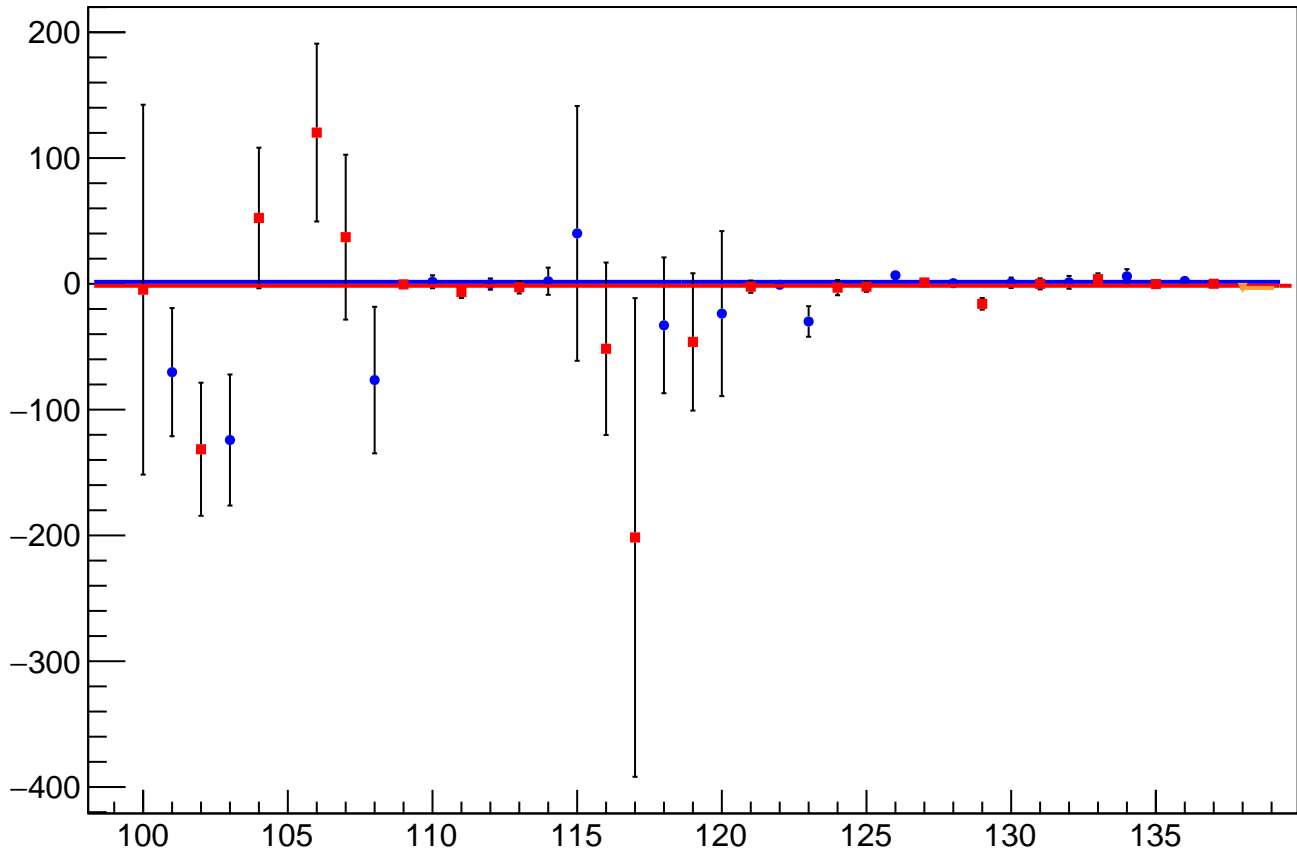
Left Out: 1785.003+/-1.488 χ^2 /NDF: 0.0/0

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

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

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

diff_bpm1p03aY_mean vs Slug



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

Left Out: -3.230+/-1.694 χ^2 /NDF: 0.0/0

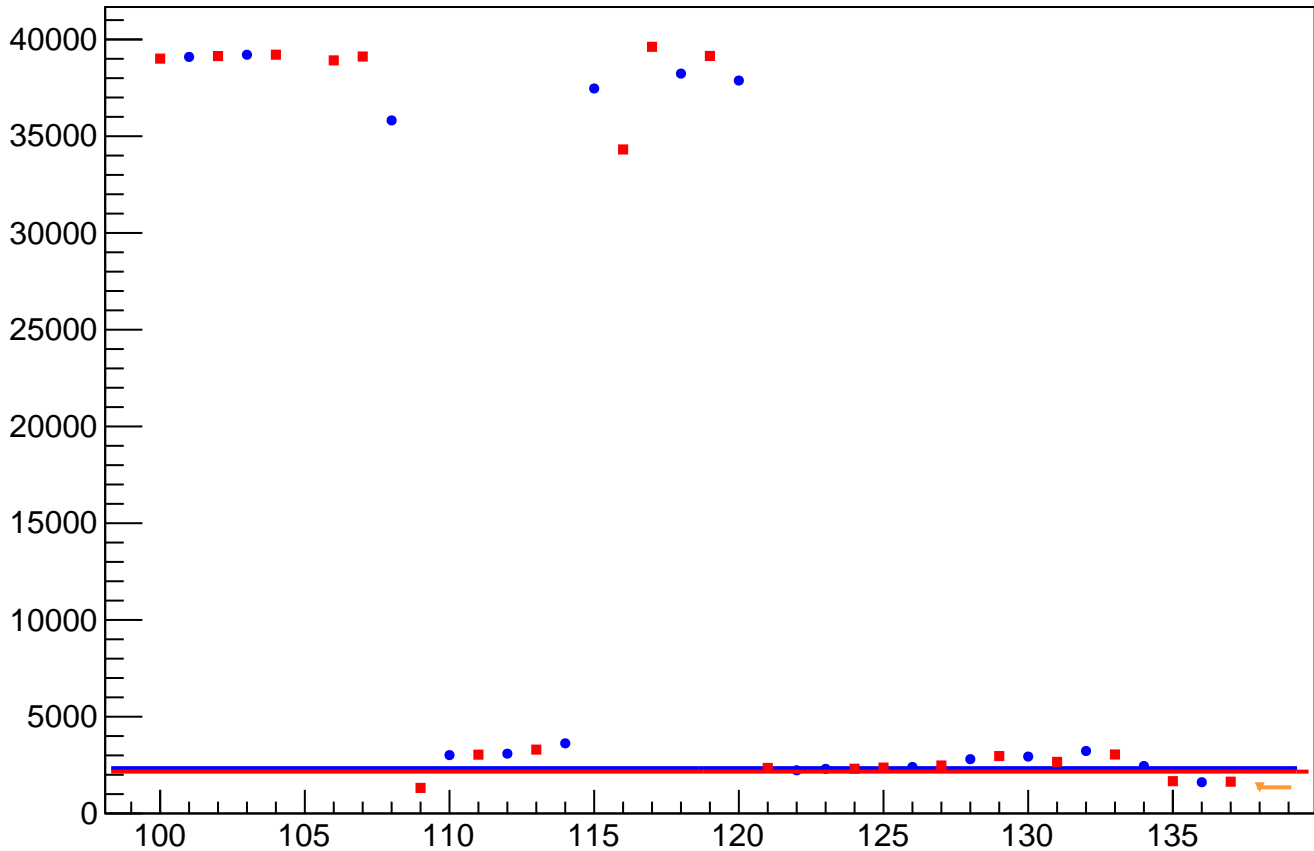
Right Out: -1.530+/-1.062 χ^2 /NDF: 26.1/19

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

0.073+/-0.947 χ^2 /NDF: 25.9/17

-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: 1350.322+/-1.198 χ^2 /NDF:0.0/0

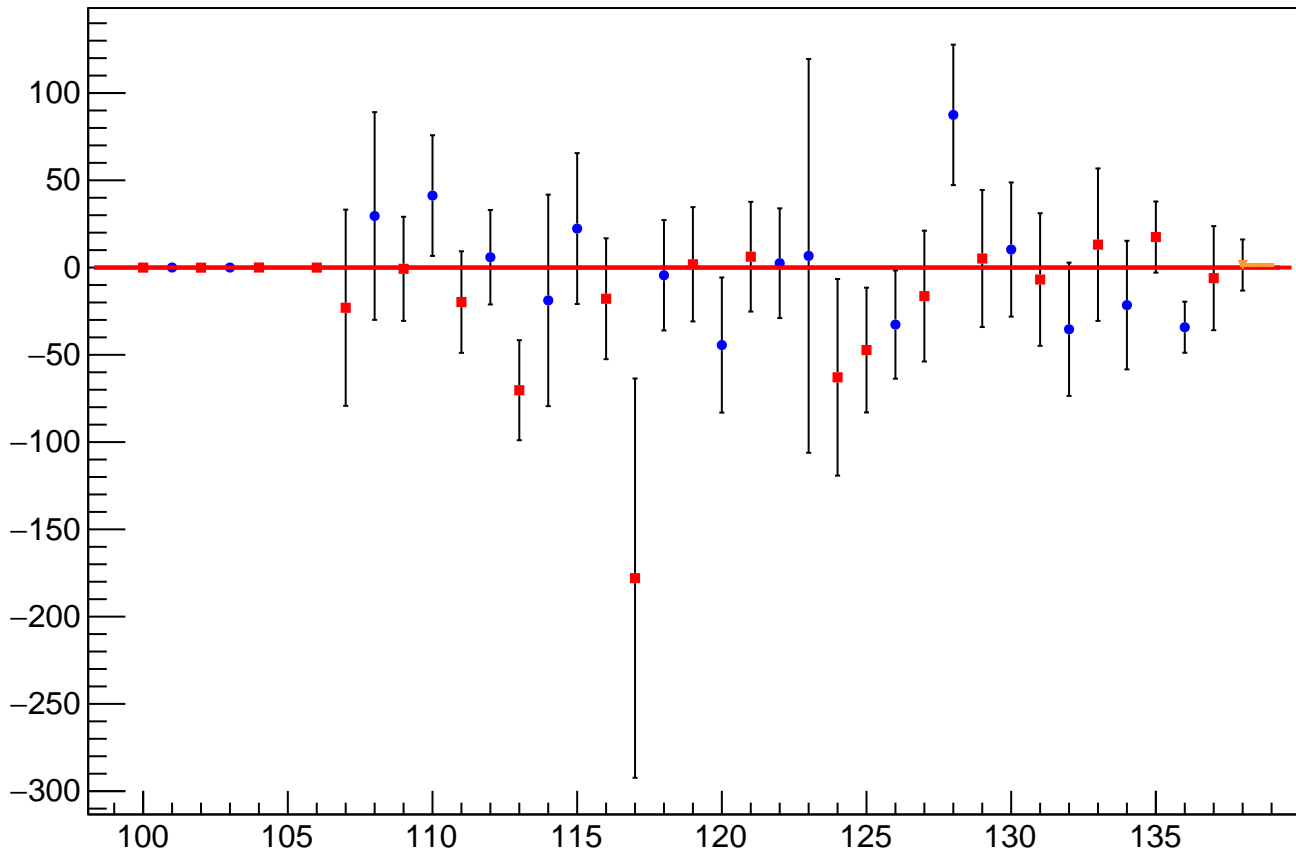
Right Out: 2162.329+/-0.751 χ^2 /NDF: 5376569.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2031.182+/-0.670 χ^2 /NDF: 5477026.8/17

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: 1.457+/-14.647 χ^2/NDF : 0.0/0

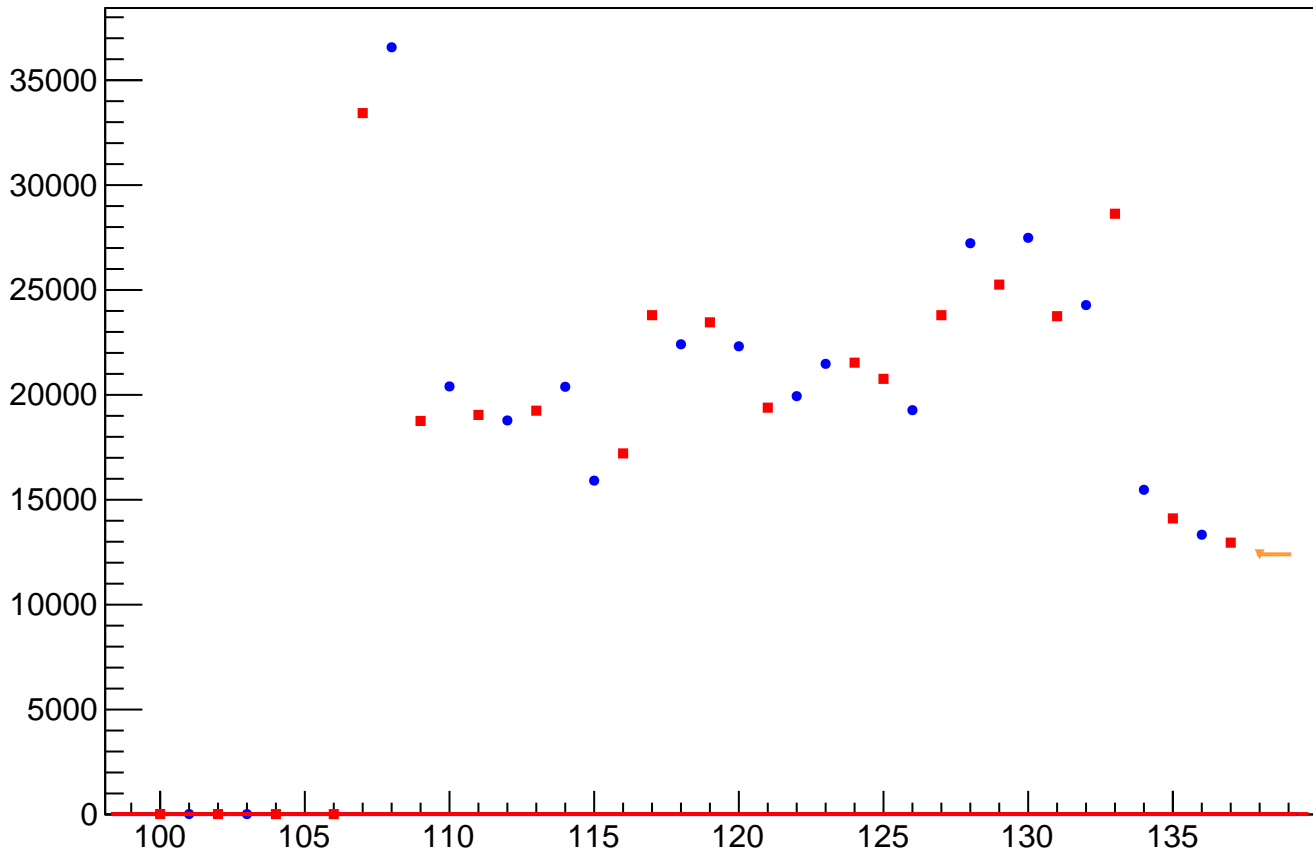
Right Out: 0.003+/-0.016 χ^2/NDF : 18.3/19

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

0.013+/-0.017 χ^2/NDF : 16.2/17

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: 12398.615+/-10.357 χ^2 /NDF: 0.0/0

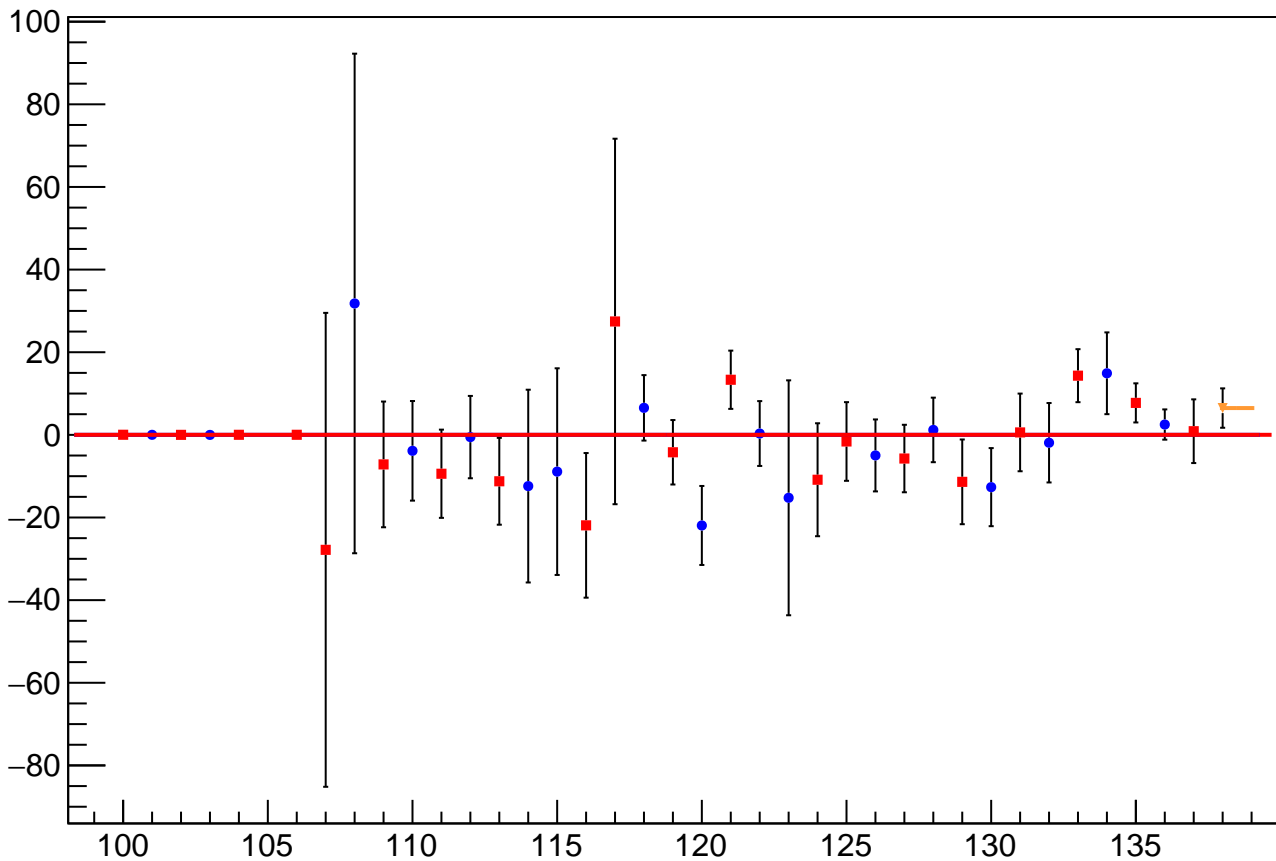
18.659+/-0.012 χ^2 /NDF: 12413011.7/17

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

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

18.312+/-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: 6.486+/-4.767 χ^2 /NDF:0.0/0

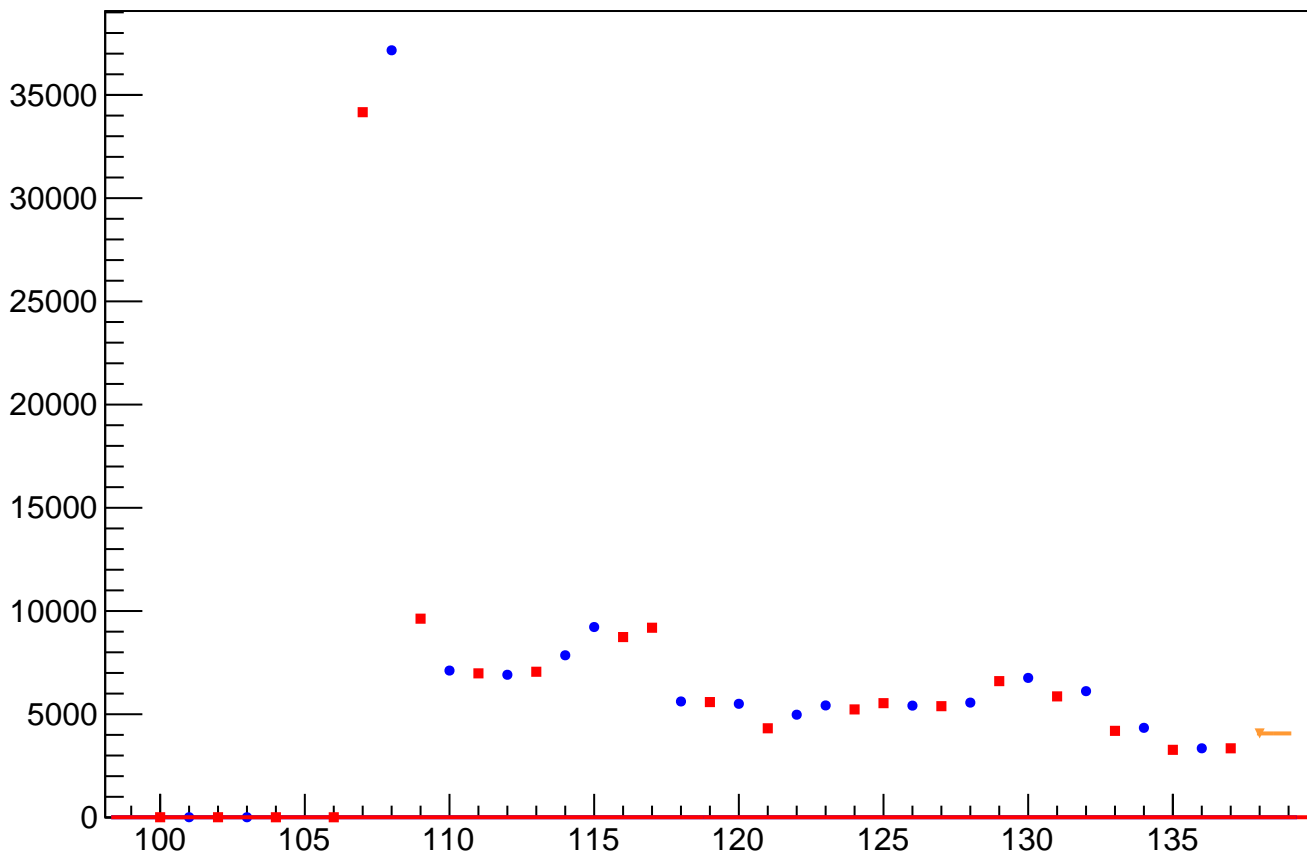
Right Out: 0.014+/-0.009 χ^2 /NDF: 19.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.001+/-0.009 χ^2 /NDF: 14.9/17

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: 4070.118+/-3.371 χ^2/NDF :0.0/0

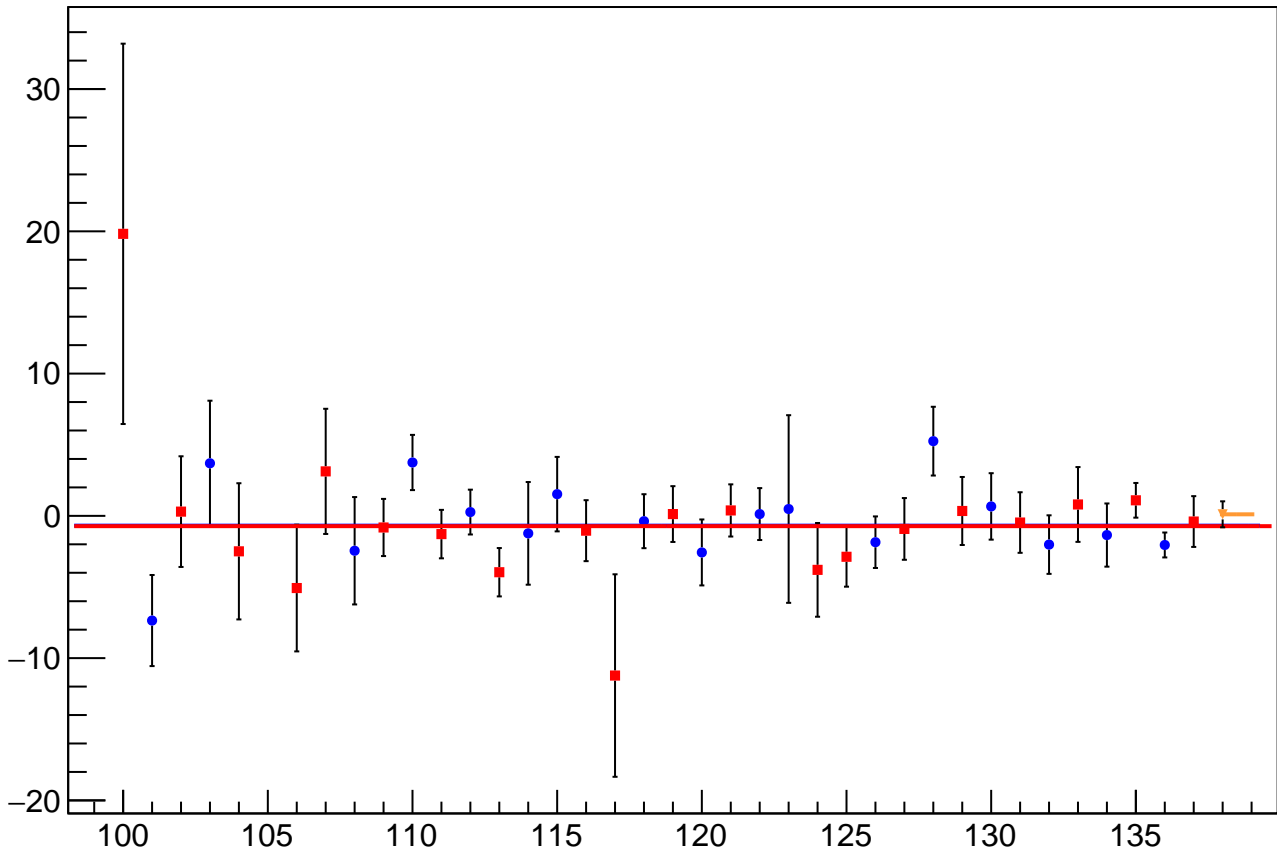
9.954+/-0.007 χ^2/NDF : 12565532.8/17

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

9.855+/-0.006 χ^2/NDF : 11246160.9/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

diff_cav4cX_mean vs Slug



Right In: -0.689 ± 0.482 $\chi^2/\text{NDF}: 22.5/16$

Left Out: 0.108 ± 0.913 $\chi^2/\text{NDF}: 0.0/0$

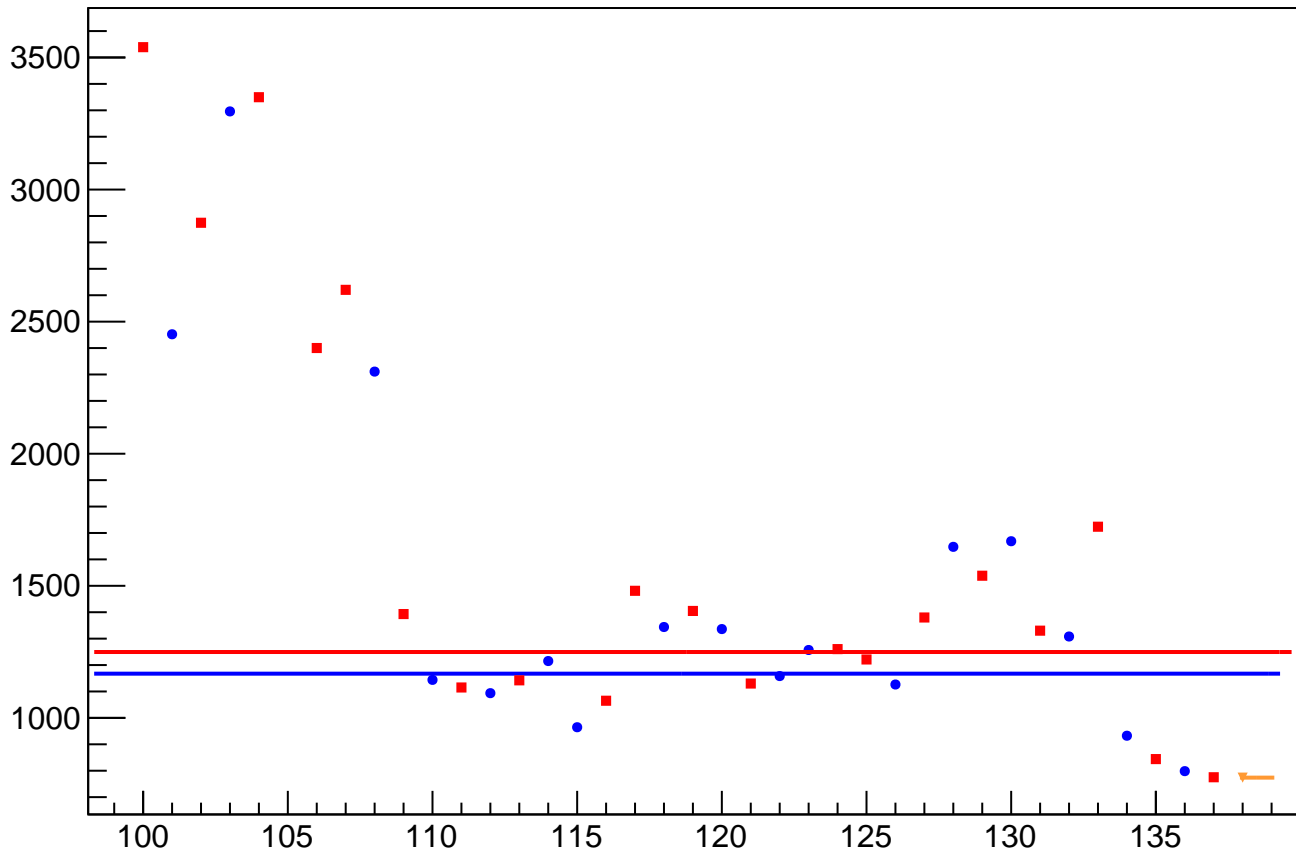
Right Out: -0.724 ± 0.499 $\chi^2/\text{NDF}: 15.5/19$

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

-0.515 ± 0.426 $\chi^2/\text{NDF}: 23.1/17$

-0.724 ± 0.499 $\chi^2/\text{NDF}: 15.5/19$

diff_cav4cX_rms vs Slug



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

Left Out: 773.848 \pm 0.646 χ^2 /NDF: 0.0/0

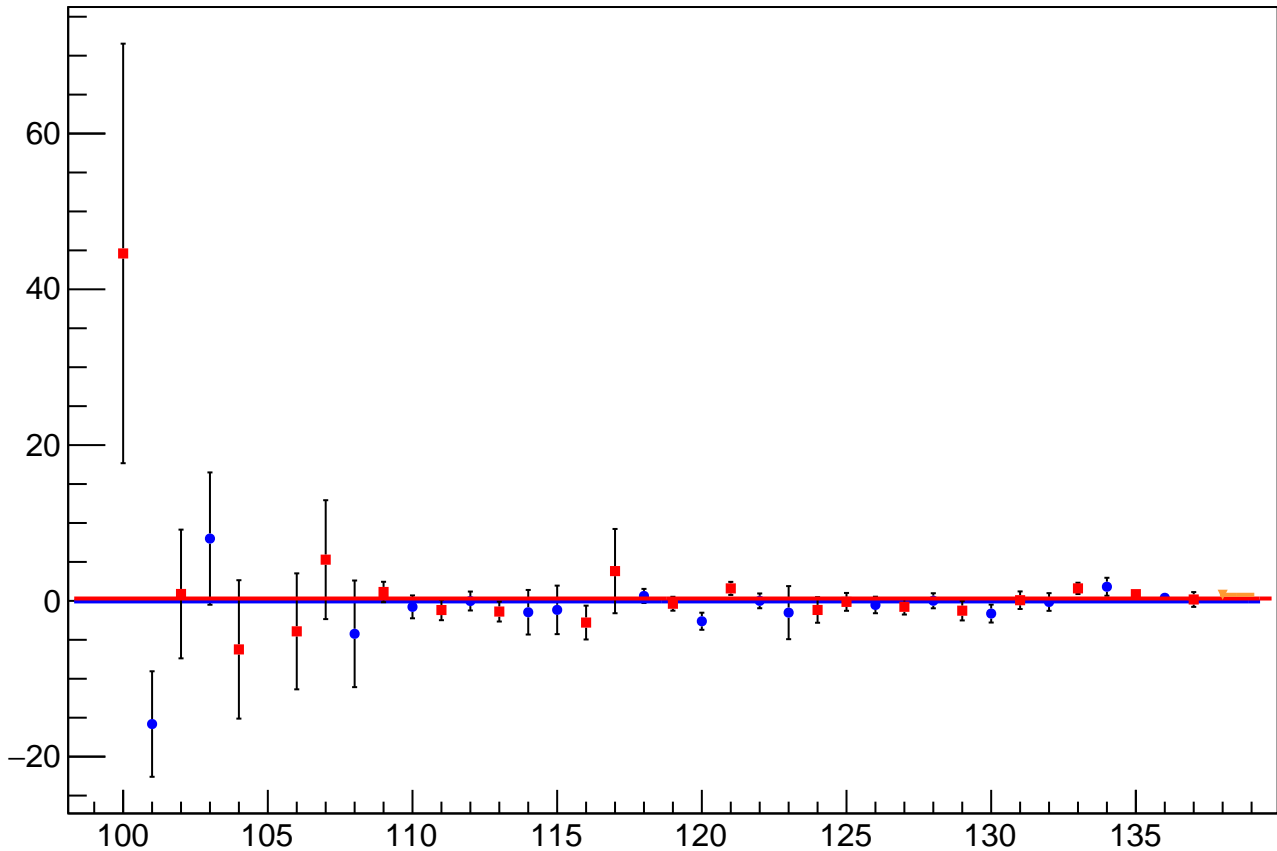
1081.572 \pm 0.302 χ^2 /NDF: 1868768.3/17

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

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

diff_cav4cY_mean vs Slug



Right In: -0.072 ± 0.269 $\chi^2/\text{NDF}: 19.2/16$

Left Out: 0.785 ± 0.585 $\chi^2/\text{NDF}: 0.0/0$

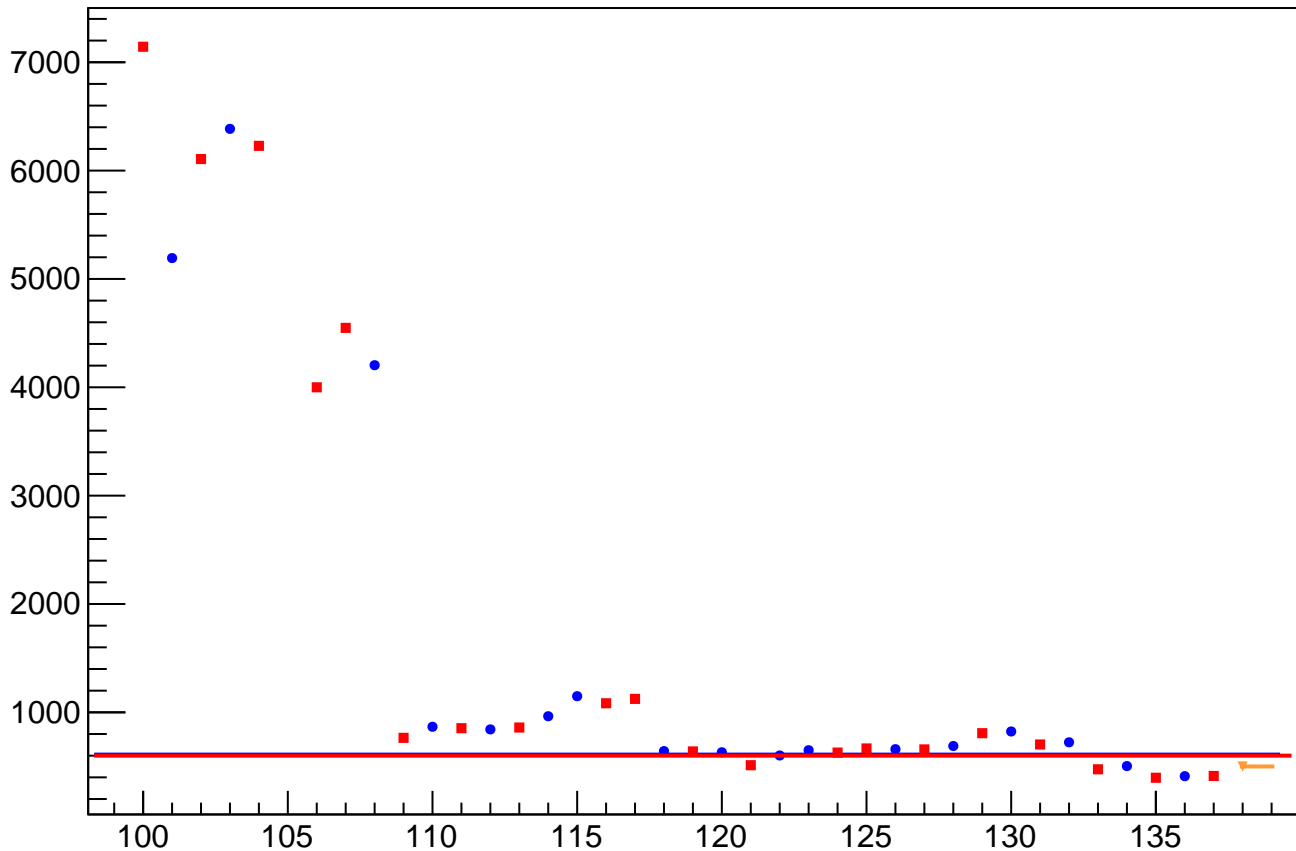
Right Out: 0.303 ± 0.264 $\chi^2/\text{NDF}: 20.7/19$

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

0.077 ± 0.244 $\chi^2/\text{NDF}: 21.0/17$

0.303 ± 0.264 $\chi^2/\text{NDF}: 20.7/19$

diff_cav4cY_rms vs Slug



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

Left Out: 500.395+/-0.414 χ^2/NDF : 0.0/0

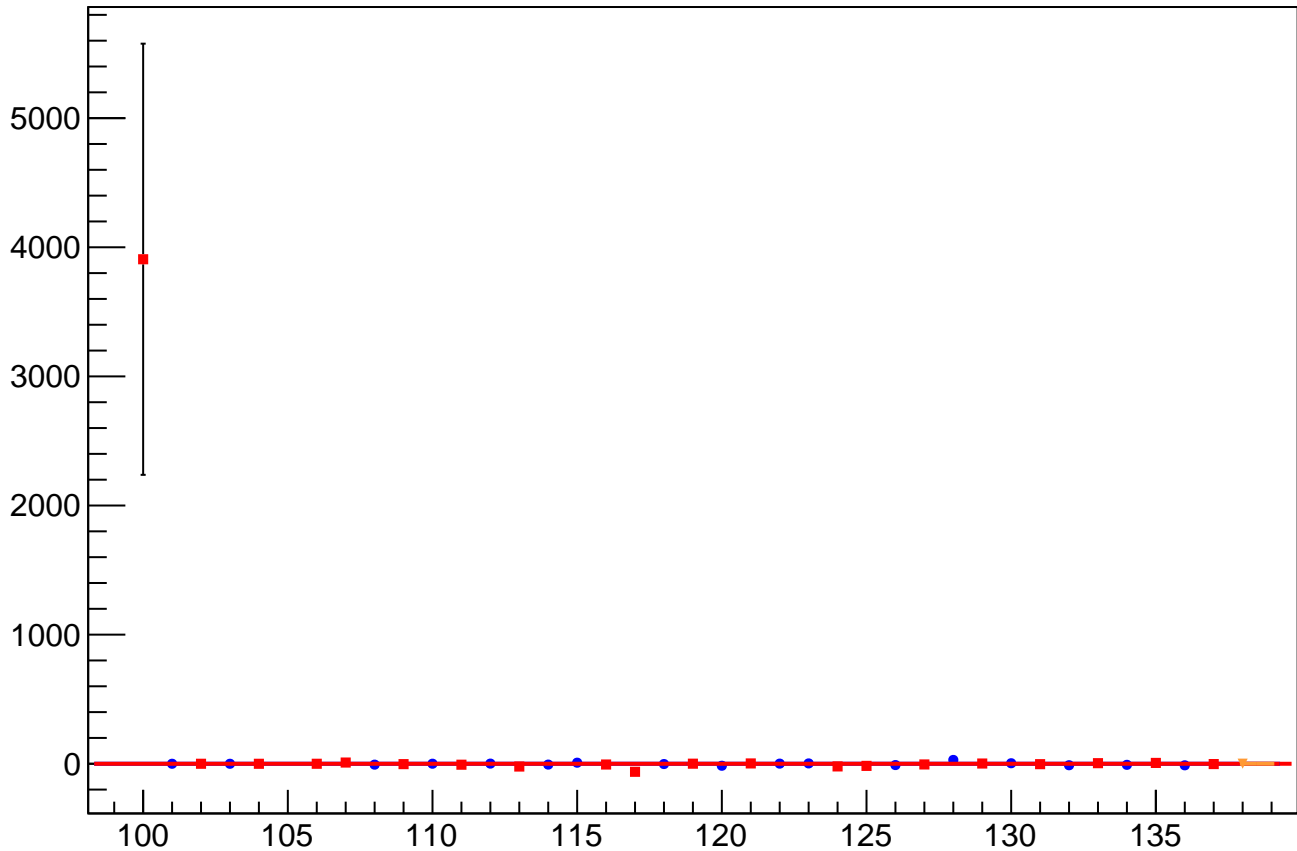
590.732+/-0.173 χ^2/NDF : 3193744.4/17

Right Out: 600.264+/-0.186 χ^2/NDF : 3571191.0/19

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

600.264+/-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: 0.679 ± 5.250 χ^2/NDF : 0.0/0

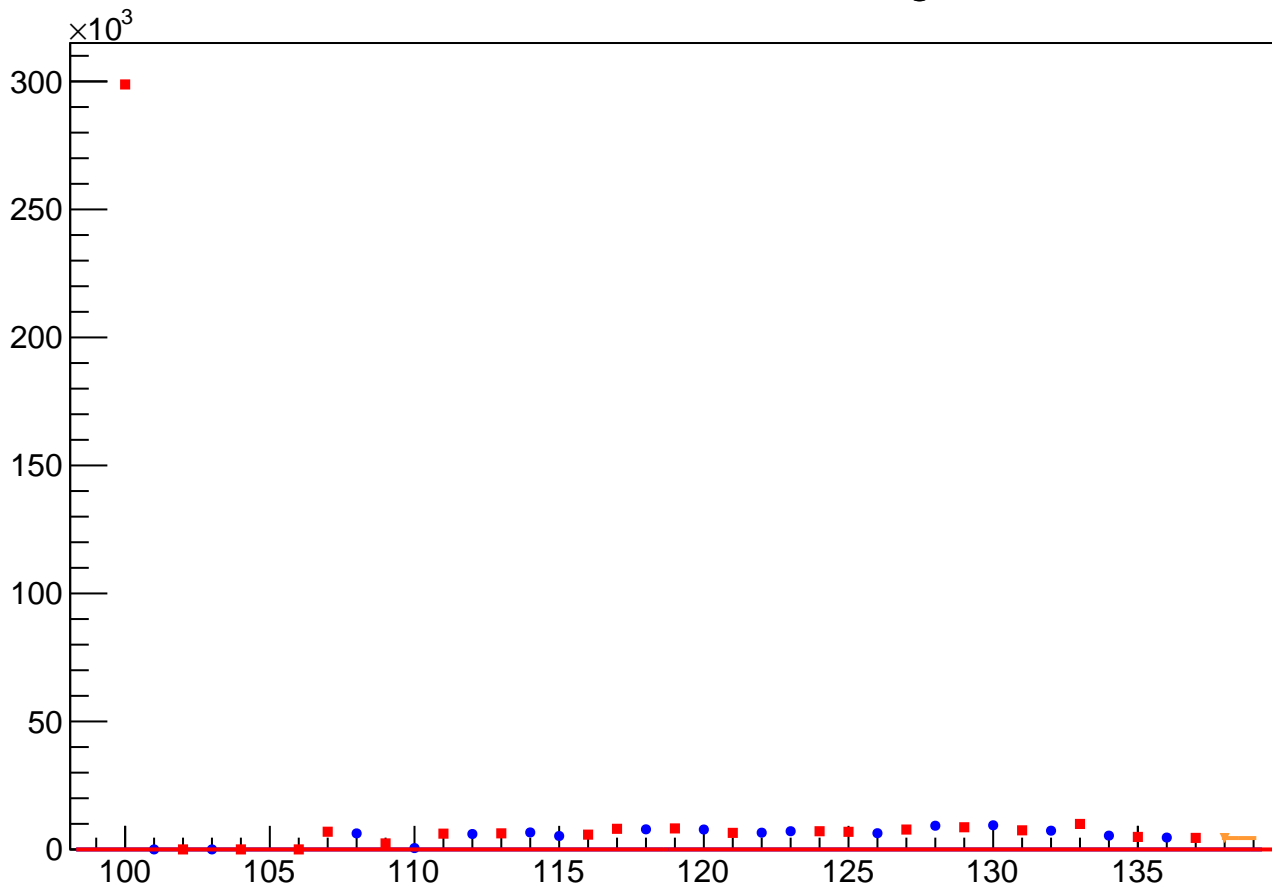
Right Out: -0.027 ± 0.020 χ^2/NDF : 20.5/19

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

-0.022 ± 0.021 χ^2/NDF : 15.6/17

-0.027 ± 0.020 χ^2/NDF : 20.5/19

diff_cav4dX_rms vs Slug



Right In: 17.341+/-0.015 χ^2 /NDF: 10501445.0/16

Left Out: 4448.545+/-3.713 χ^2 /NDF:0.0/0

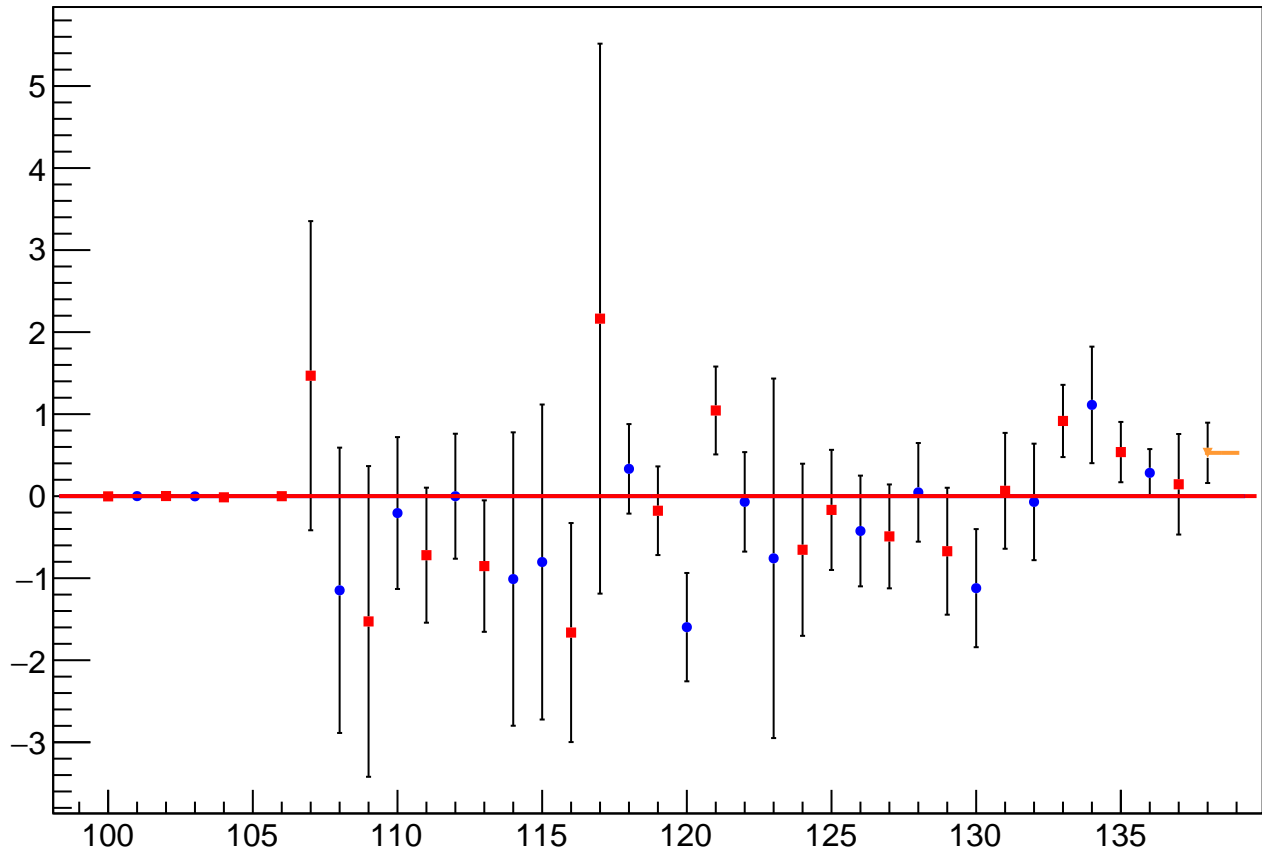
17.410+/-0.015 χ^2 /NDF: 11925997.5/17

Right Out: 17.271+/-0.014 χ^2 /NDF: 10906837.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.271+/-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: 0.528+/-0.368 χ^2 /NDF:0.0/0

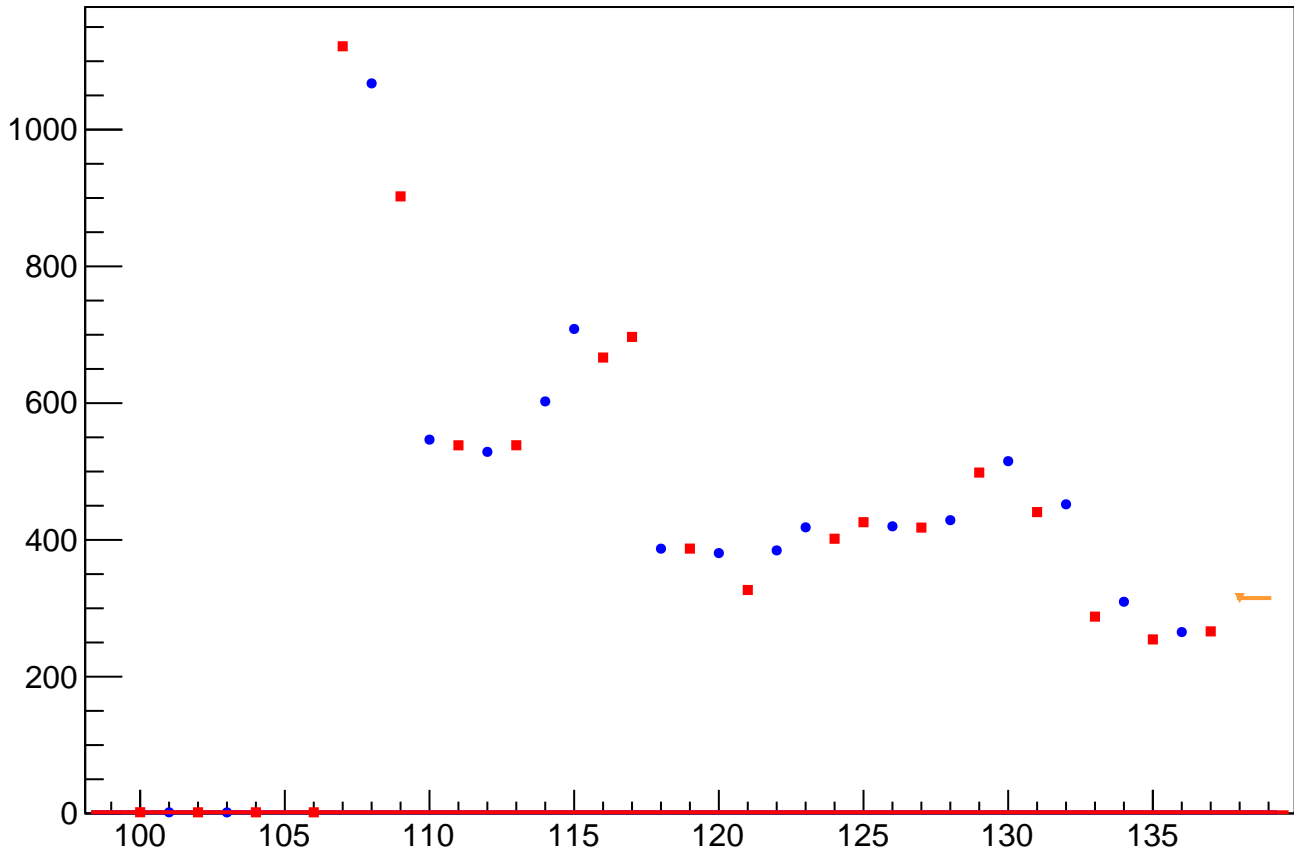
Right Out: 0.001+/-0.002 χ^2 /NDF: 18.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.002 χ^2 /NDF: 15.8/17

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: 314.952+/-0.260 χ^2/NDF : 0.0/0

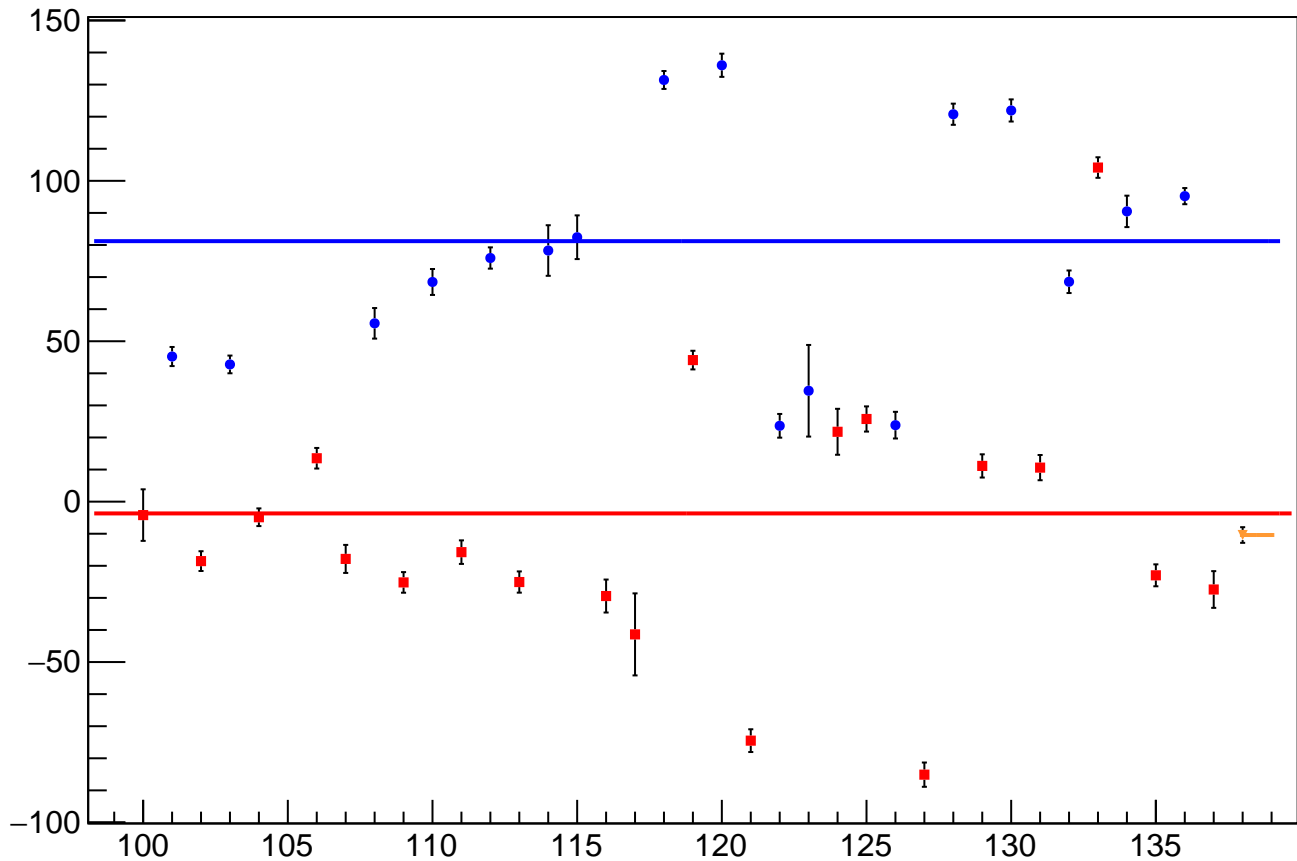
Right Out: 1.729+/-0.001 χ^2/NDF : 10829914.3/19

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

1.709+/-0.001 χ^2/NDF : 12503692.8/17

1.729+/-0.001 χ^2/NDF : 10829914.3/19

diff_bpm0i01X_mean vs Slug



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

Left Out: -10.401+/-2.441 χ^2/NDF : 0.0/0

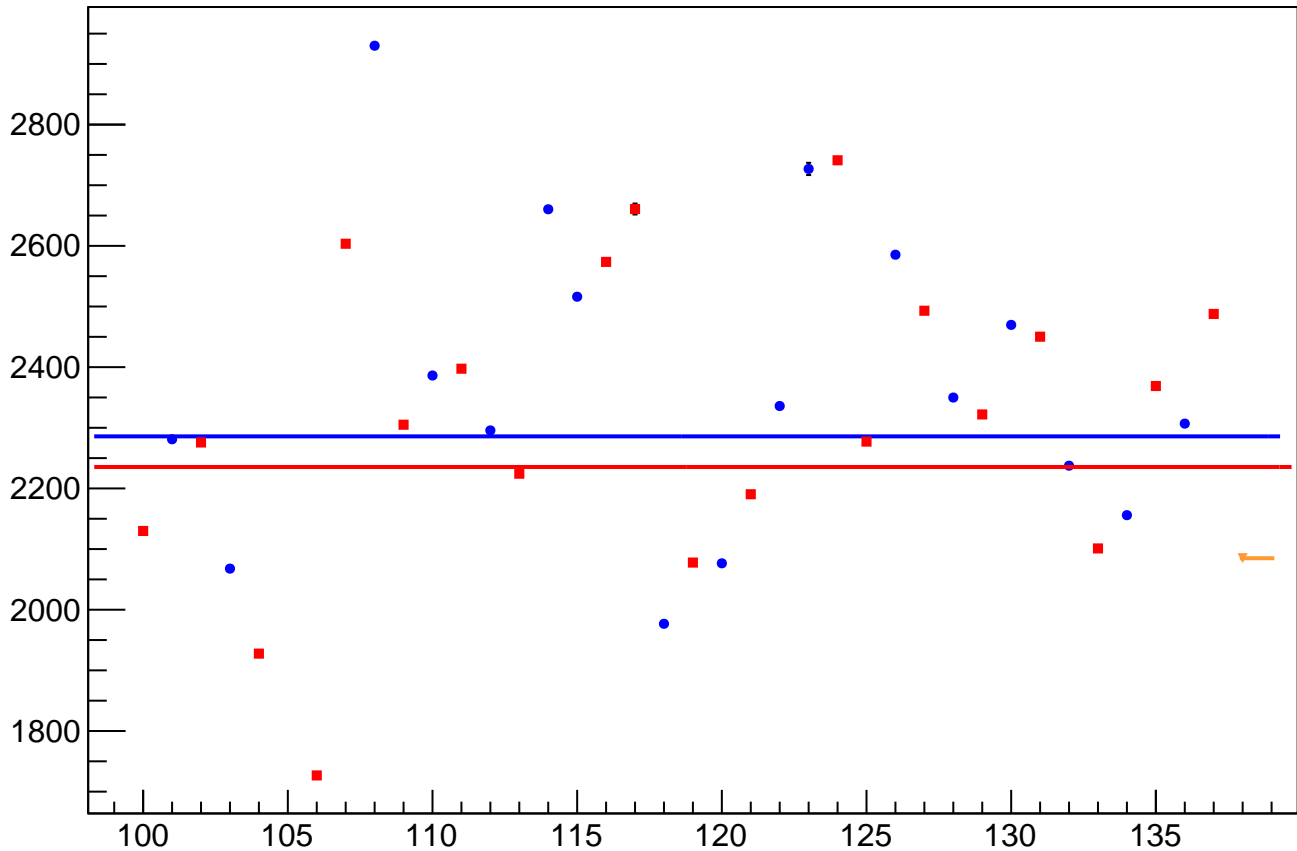
Right Out: -3.672+/-0.841 χ^2/NDF : 2607.8/19

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

70.546+/-0.833 χ^2/NDF : 2954.1/17

-3.672+/-0.841 χ^2/NDF : 2607.8/19

diff_bpm0i01X_rms vs Slug



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

Left Out: 2084.908 \pm 1.726 χ^2 /NDF: 0.0/0

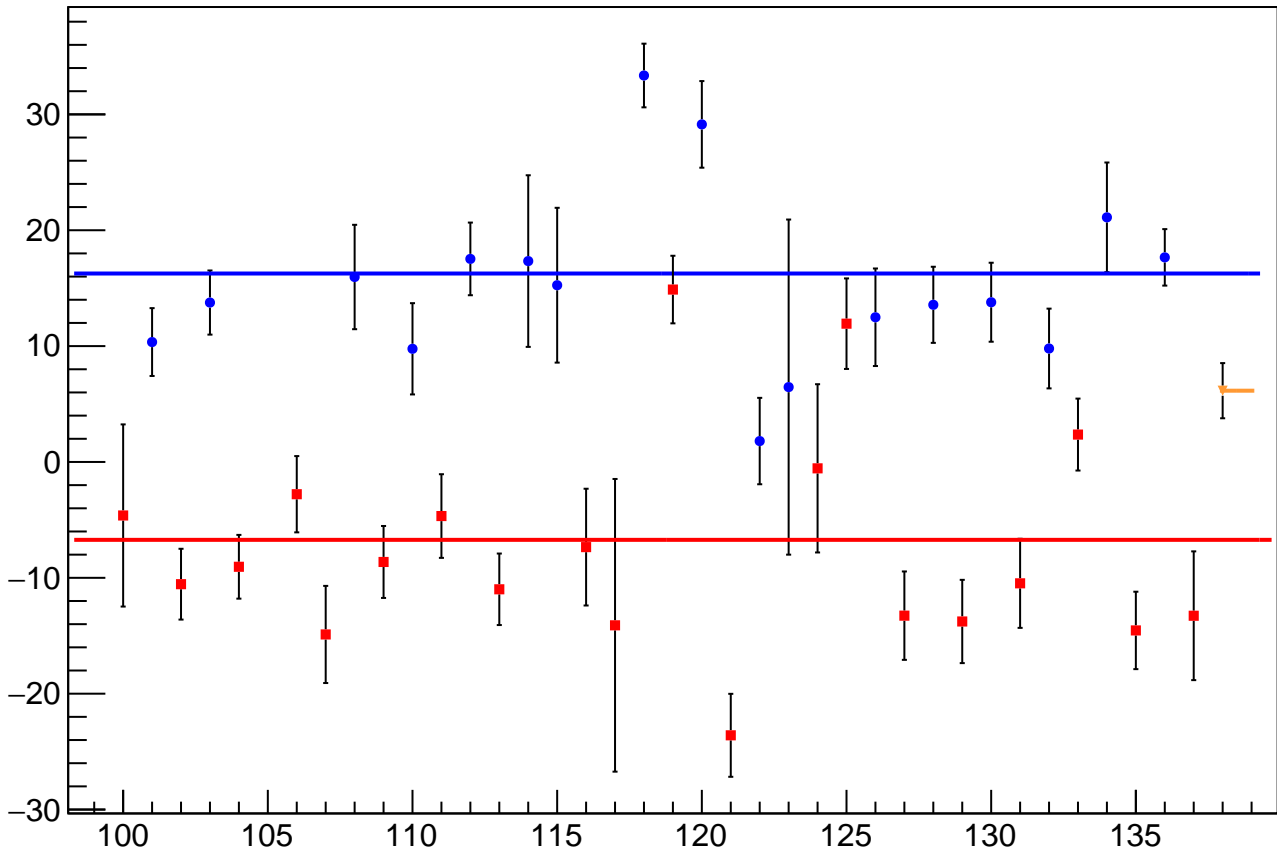
Right Out: 2235.394 \pm 0.594 χ^2 /NDF: 149072.1/19

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

2262.481 \pm 0.589 χ^2 /NDF: 121312.0/17

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

diff_bpm0i01Y_mean vs Slug



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

Left Out: 6.151 \pm 2.381 χ^2 /NDF: 0.0/0

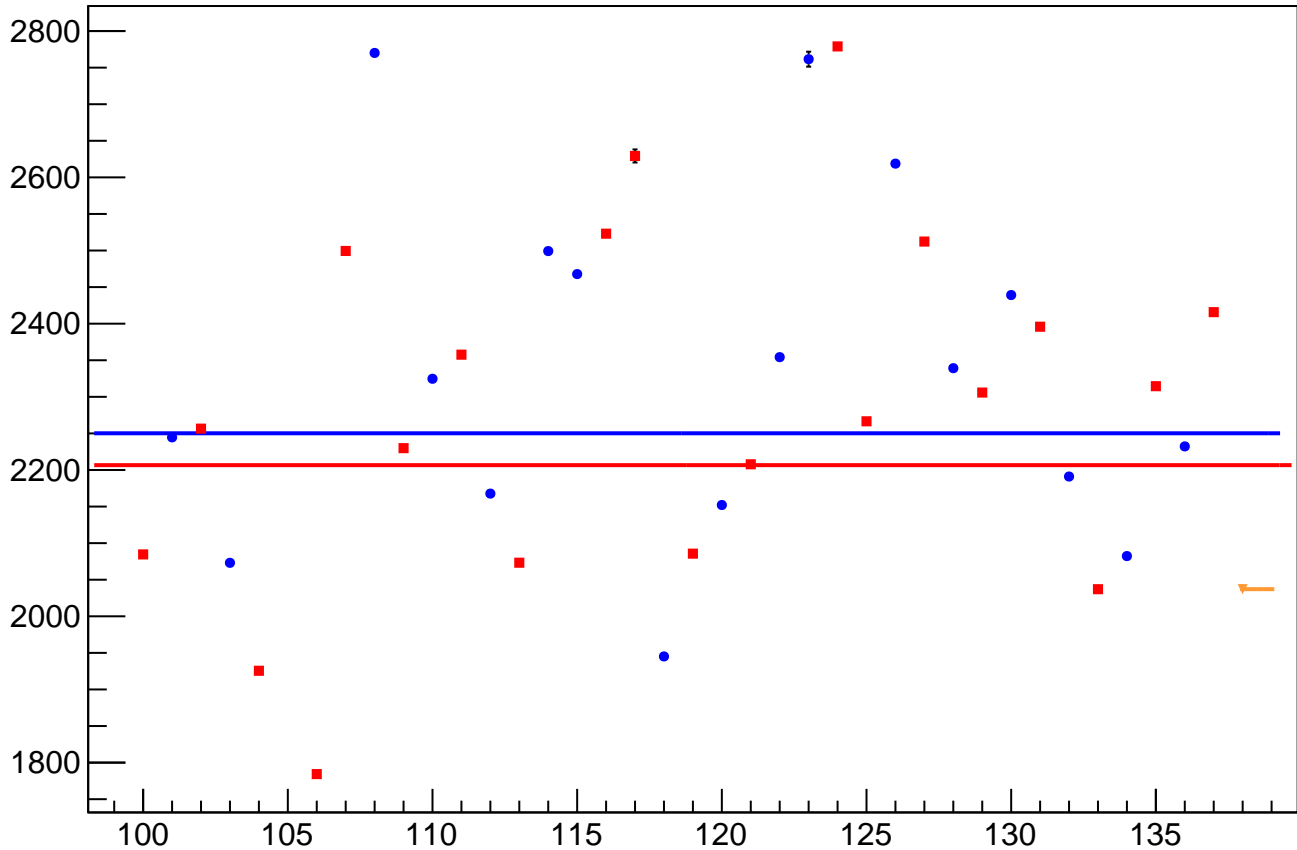
Right Out: -6.722 \pm 0.829 χ^2 /NDF: 134.3/19

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

15.070 \pm 0.818 χ^2 /NDF: 96.7/17

-6.722 \pm 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: 2037.084+/-1.684 χ^2 /NDF:0.0/0

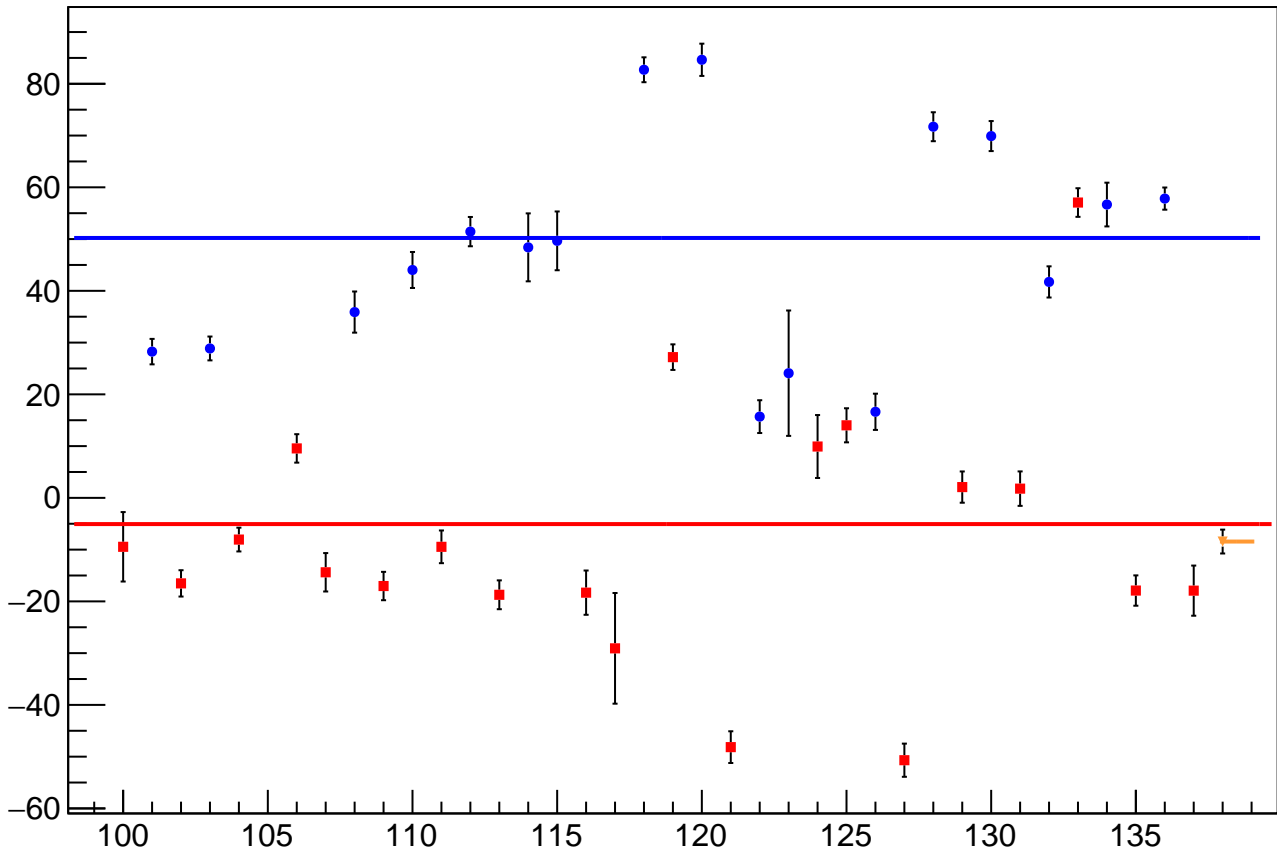
Right Out: 2206.617+/-0.586 χ^2 /NDF: 128476.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2225.002+/-0.579 χ^2 /NDF: 111703.3/17

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: -8.440+/-2.305 χ^2 /NDF: 0.0/0

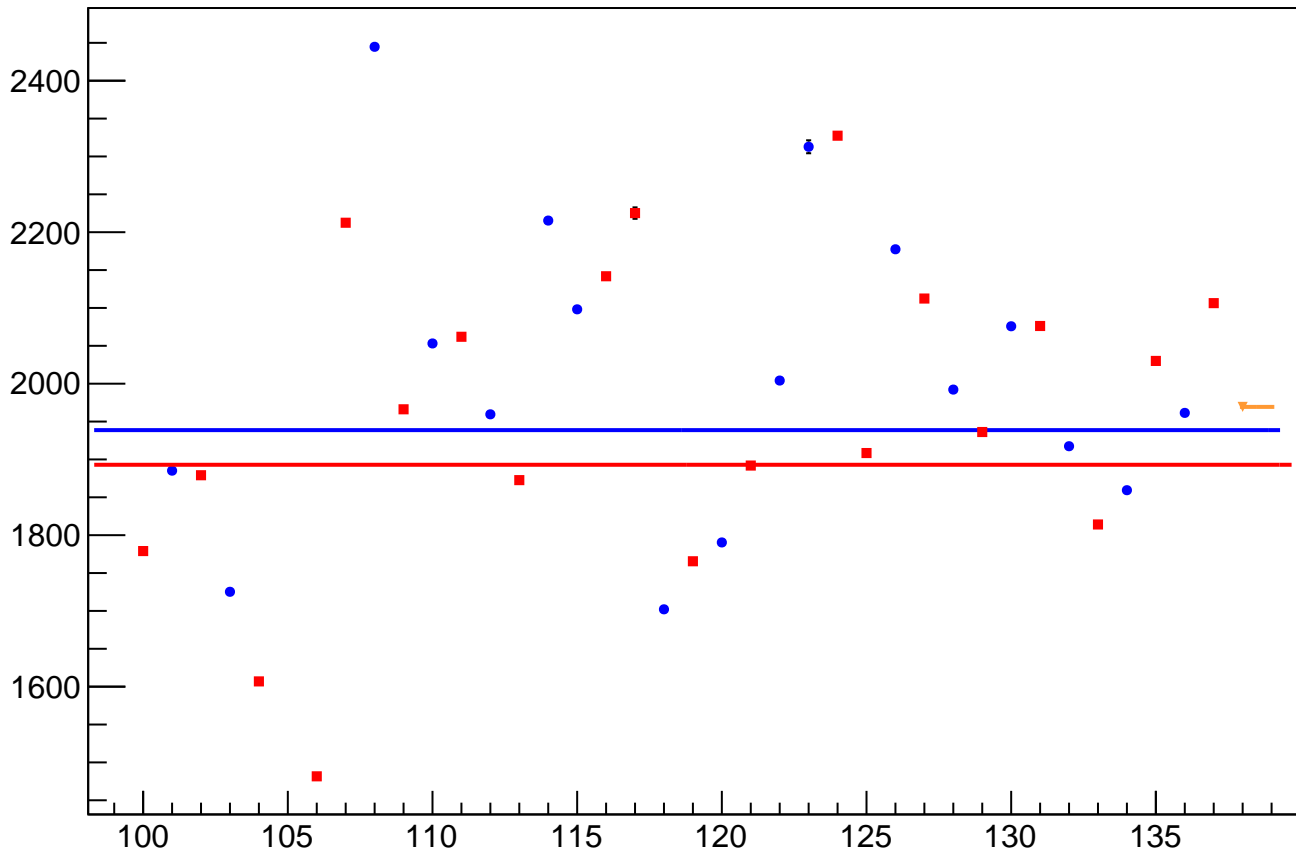
Right Out: -5.065+/-0.712 χ^2 /NDF: 1267.6/19

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

44.589+/-0.714 χ^2 /NDF: 1415.7/17

-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: 1969.362 \pm 1.630 χ^2 /NDF: 0.0/0

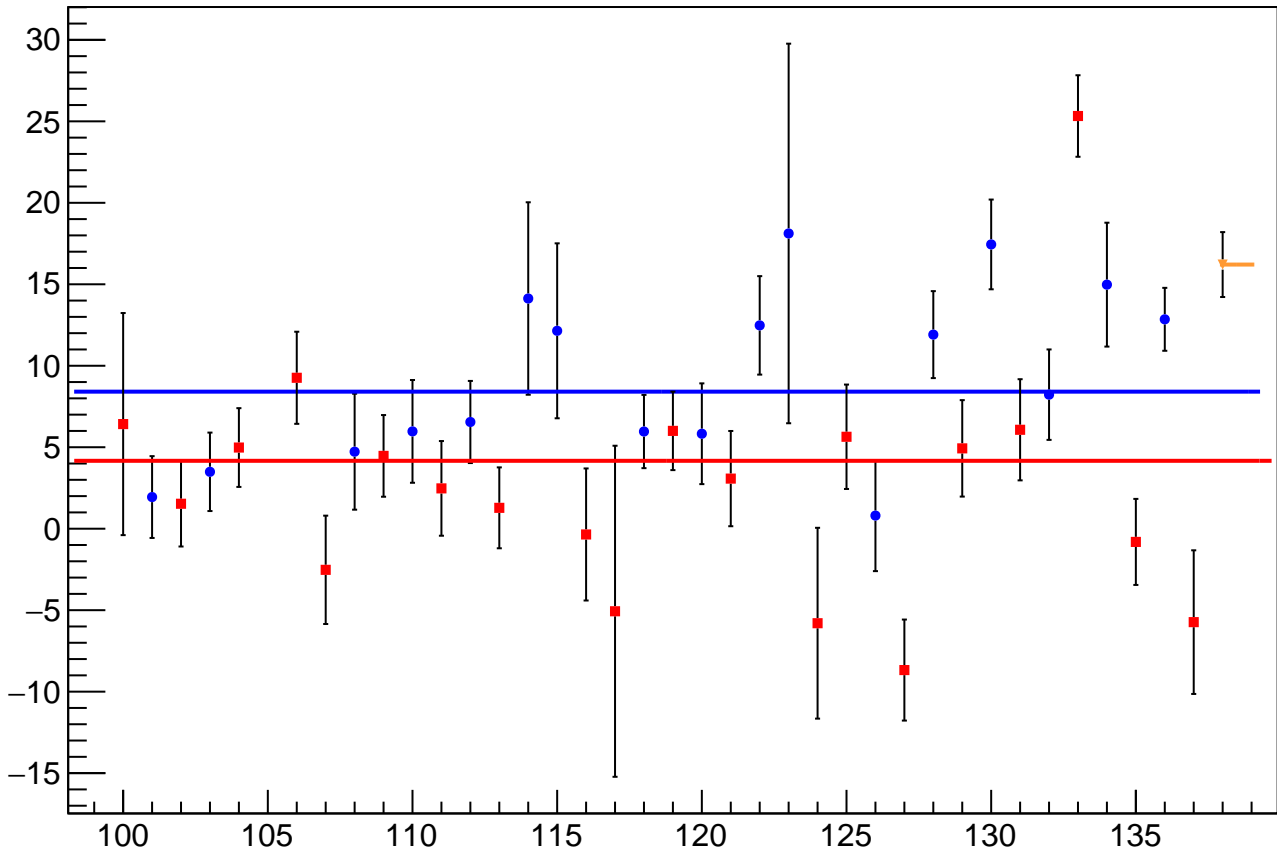
Right Out: 1892.946 \pm 0.503 χ^2 /NDF: 148563.2/19

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

1941.630 \pm 0.505 χ^2 /NDF: 100463.3/17

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: 16.210+/-1.992 χ^2/NDF : 0.0/0

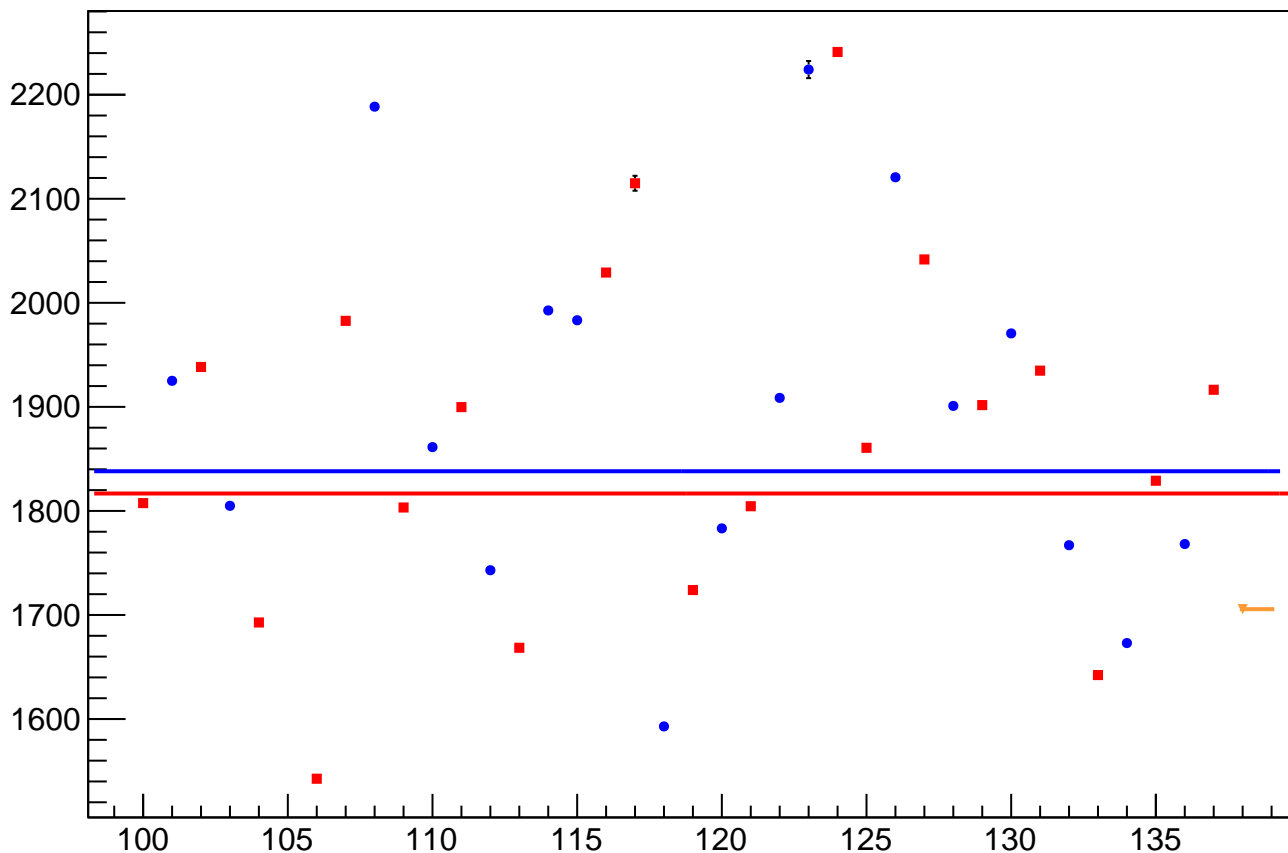
Right Out: 4.167+/-0.681 χ^2/NDF : 113.9/19

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

9.293+/-0.670 χ^2/NDF : 58.2/17

4.167+/-0.681 χ^2/NDF : 113.9/19

diff_bpm0i01aY_rms vs Slug



Right In: 1838.143+/-0.503 χ^2 /NDF: 82878.7/16

Left Out: 1705.599+/-1.409 χ^2 /NDF:0.0/0

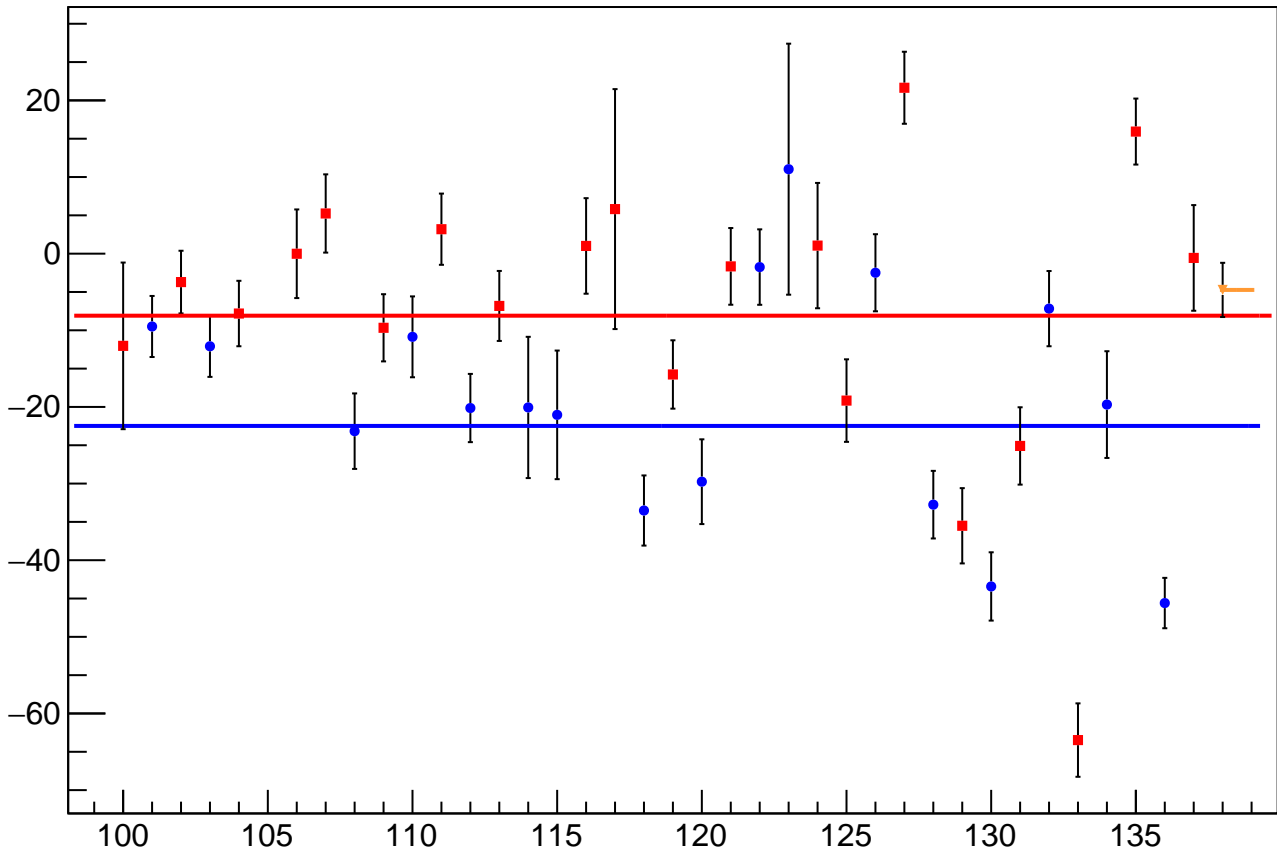
Right Out: 1816.748+/-0.481 χ^2 /NDF: 89149.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1823.157+/-0.474 χ^2 /NDF: 90732.6/17

1816.748+/-0.481 χ^2 /NDF: 89149.7/19

diff_bpm0l01X_mean vs Slug



Right In: -22.477 ± 1.195 $\chi^2/\text{NDF}: 154.7/16$

Left Out: -4.731 ± 3.537 $\chi^2/\text{NDF}: 0.0/0$

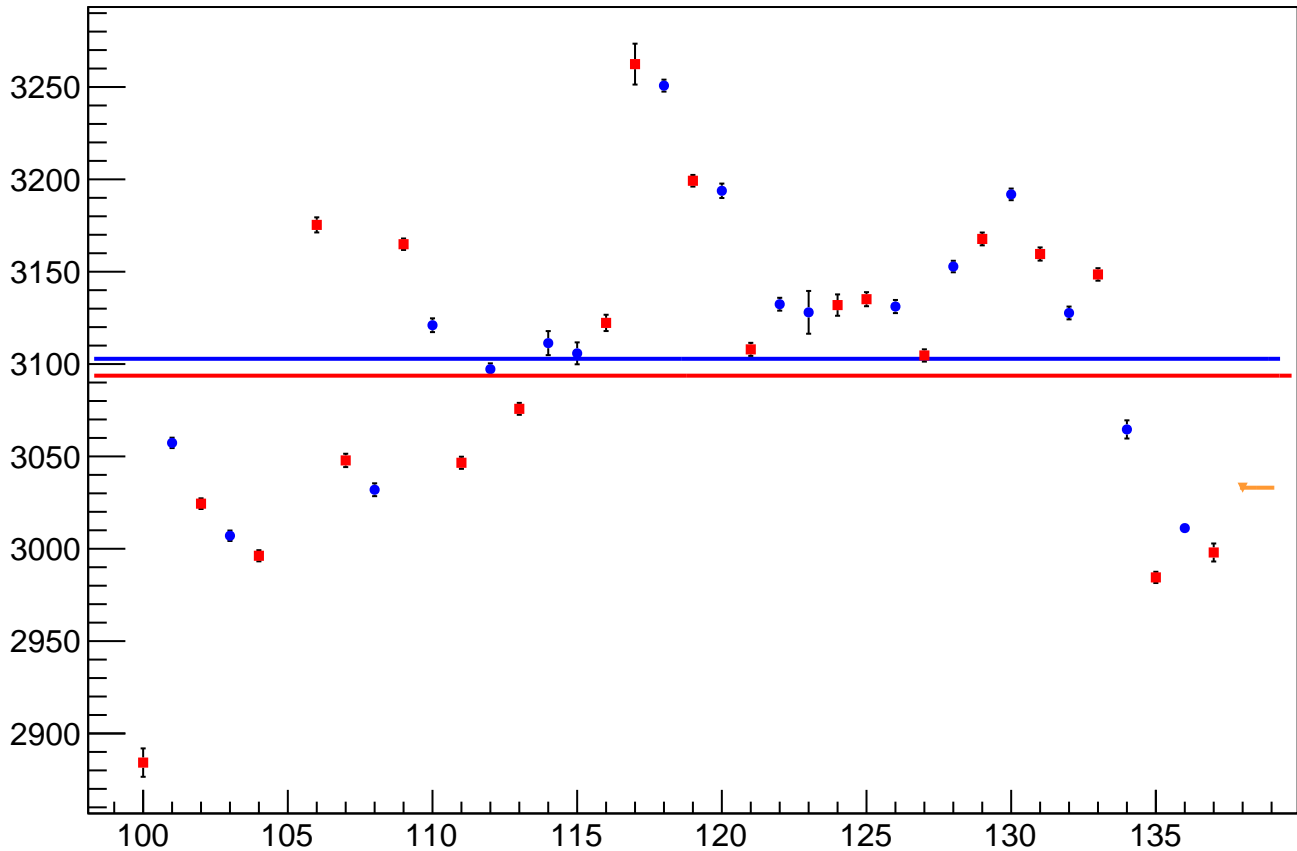
Right Out: -8.093 ± 1.153 $\chi^2/\text{NDF}: 277.7/19$

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

-20.660 ± 1.132 $\chi^2/\text{NDF}: 177.3/17$

-8.093 ± 1.153 $\chi^2/\text{NDF}: 277.7/19$

diff_bpm0l01X_rms vs Slug



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

Left Out: 3033.062 \pm 2.501 χ^2 /NDF: 0.0/0

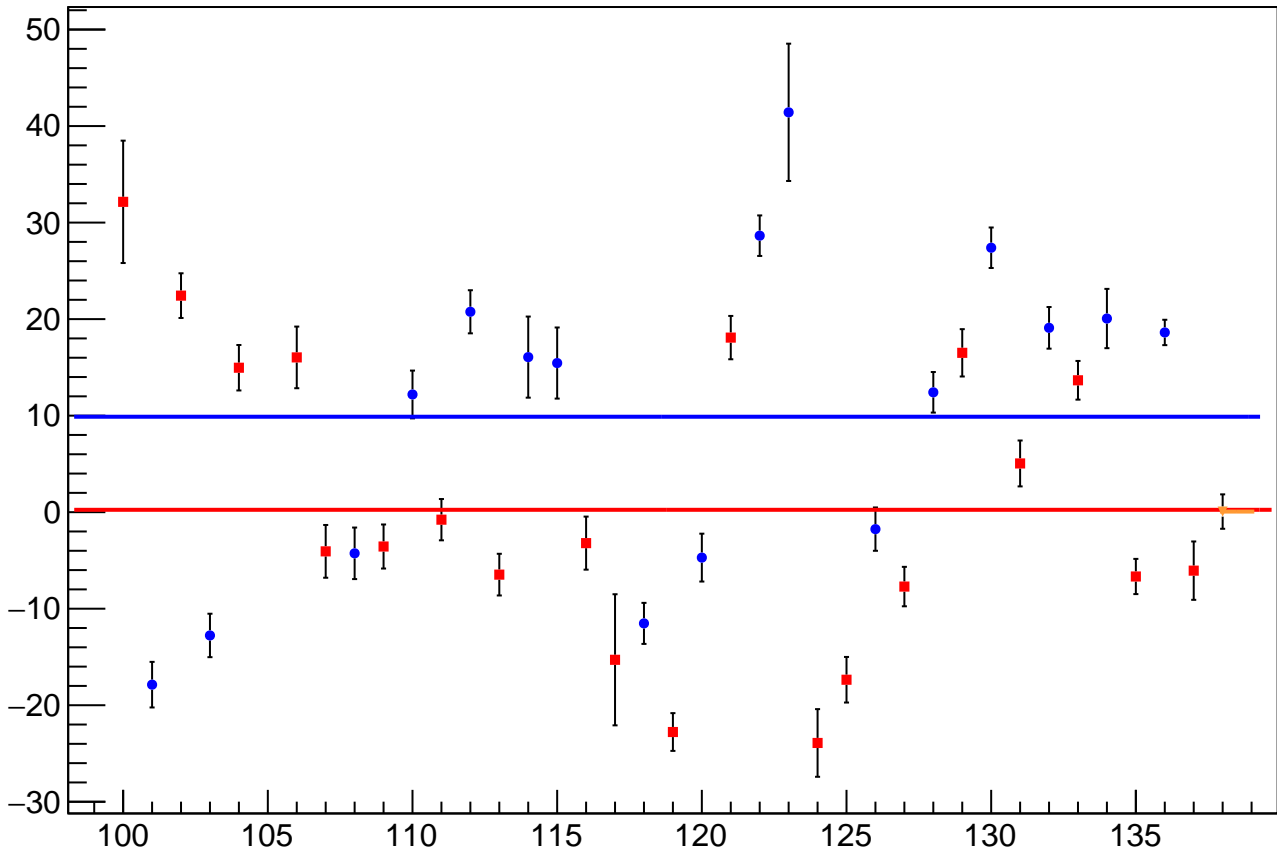
Right Out: 3093.715 \pm 0.816 χ^2 /NDF: 7996.8/19

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

3095.699 \pm 0.800 χ^2 /NDF: 8043.7/17

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: 0.062+/-1.783 χ^2 /NDF:0.0/0

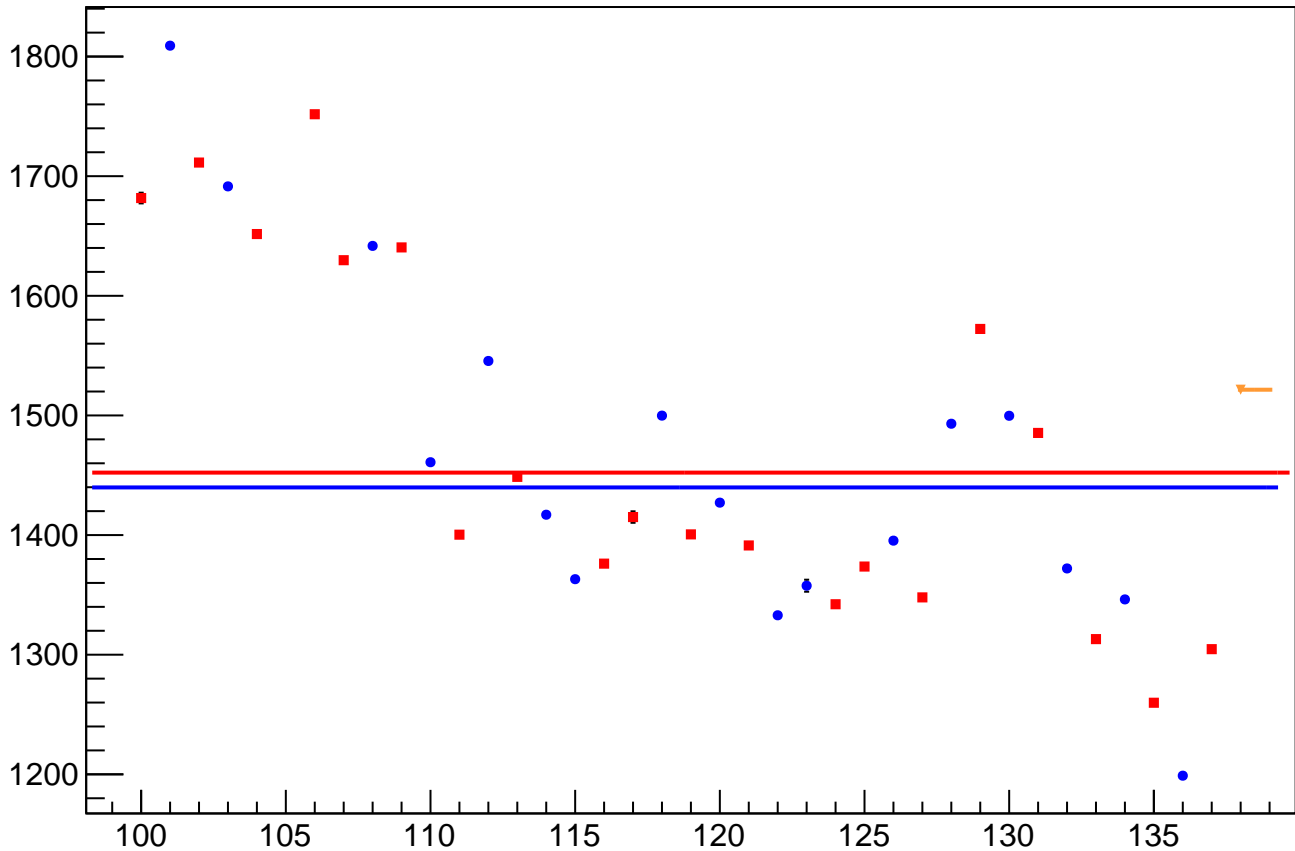
Right Out: 0.245+/-0.545 χ^2 /NDF: 634.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

9.007+/-0.534 χ^2 /NDF: 731.3/17

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: 1521.504+/-1.261 χ^2 /NDF: 0.0/0

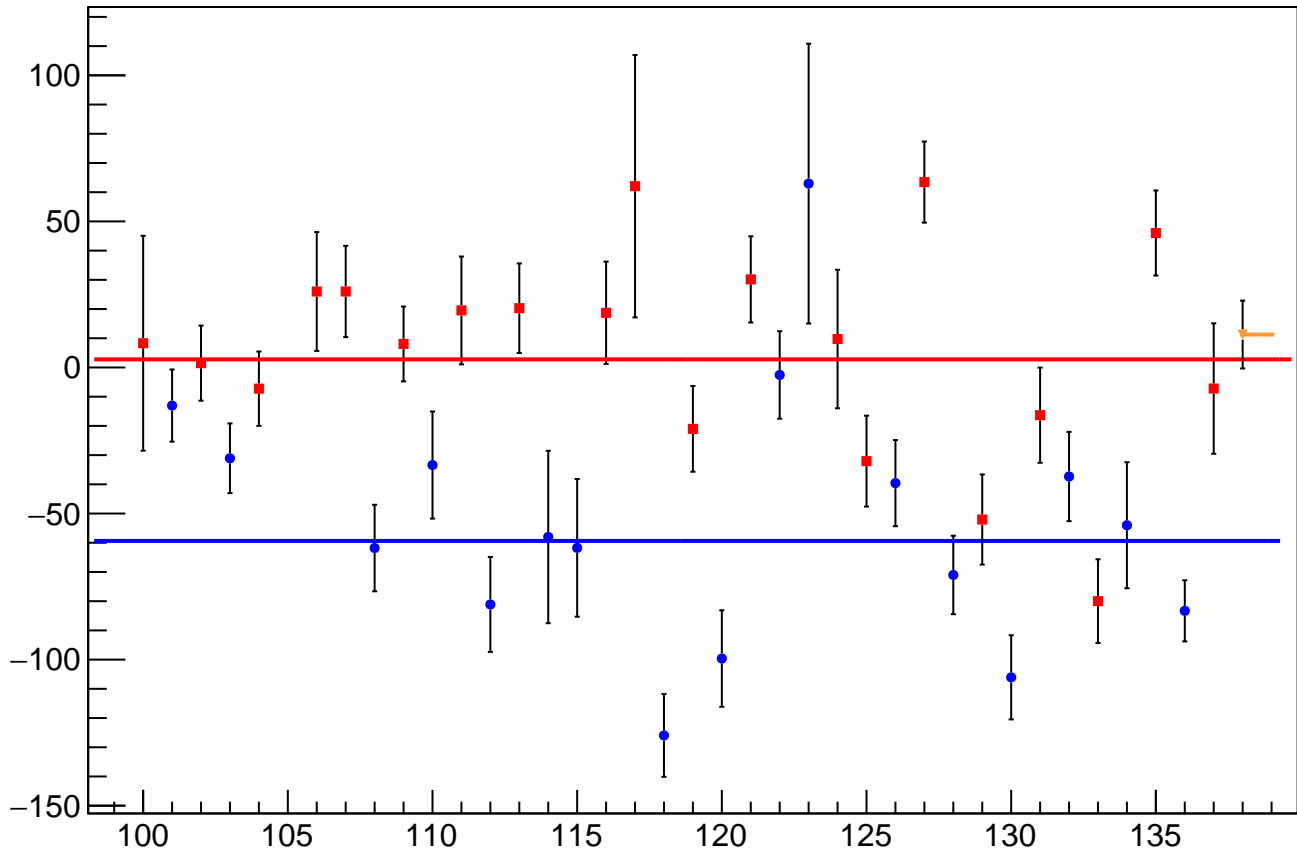
Right Out: 1452.211+/-0.385 χ^2 /NDF: 138579.9/19

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

1447.143+/-0.377 χ^2 /NDF: 176642.4/17

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

diff_bpm0l02X_mean vs Slug



Right In: -59.374 ± 3.729 $\chi^2/\text{NDF}: 92.9/16$

Left Out: 11.266 ± 11.614 $\chi^2/\text{NDF}: 0.0/0$

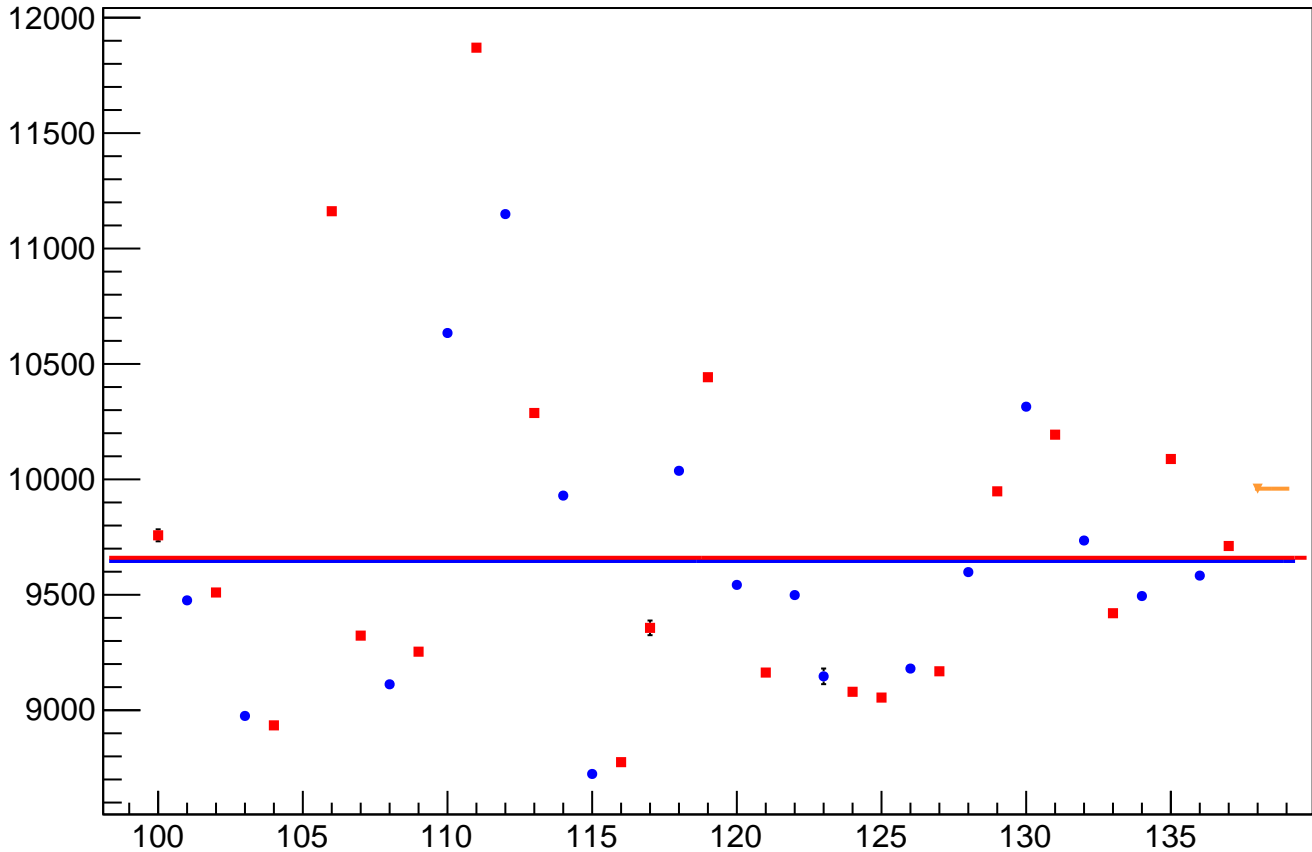
Right Out: 2.776 ± 3.618 $\chi^2/\text{NDF}: 95.7/19$

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

-52.773 ± 3.550 $\chi^2/\text{NDF}: 126.4/17$

2.776 ± 3.618 $\chi^2/\text{NDF}: 95.7/19$

diff_bpm0l02X_rms vs Slug



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

Left Out: 9959.749+/-8.212 χ^2 /NDF:0.0/0

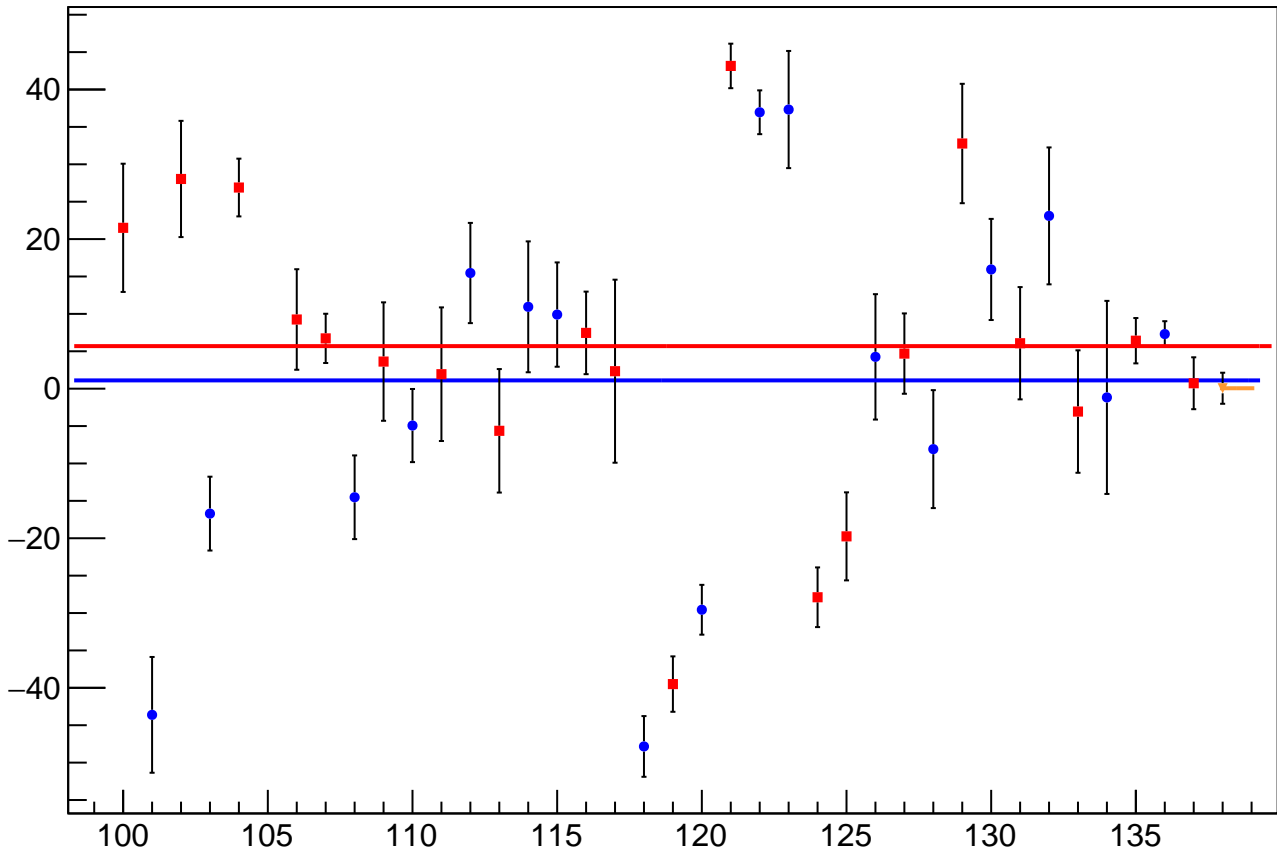
9675.756+/-2.510 χ^2 /NDF: 45379.5/17

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 0.056+/-2.077 χ^2 /NDF:0.0/0

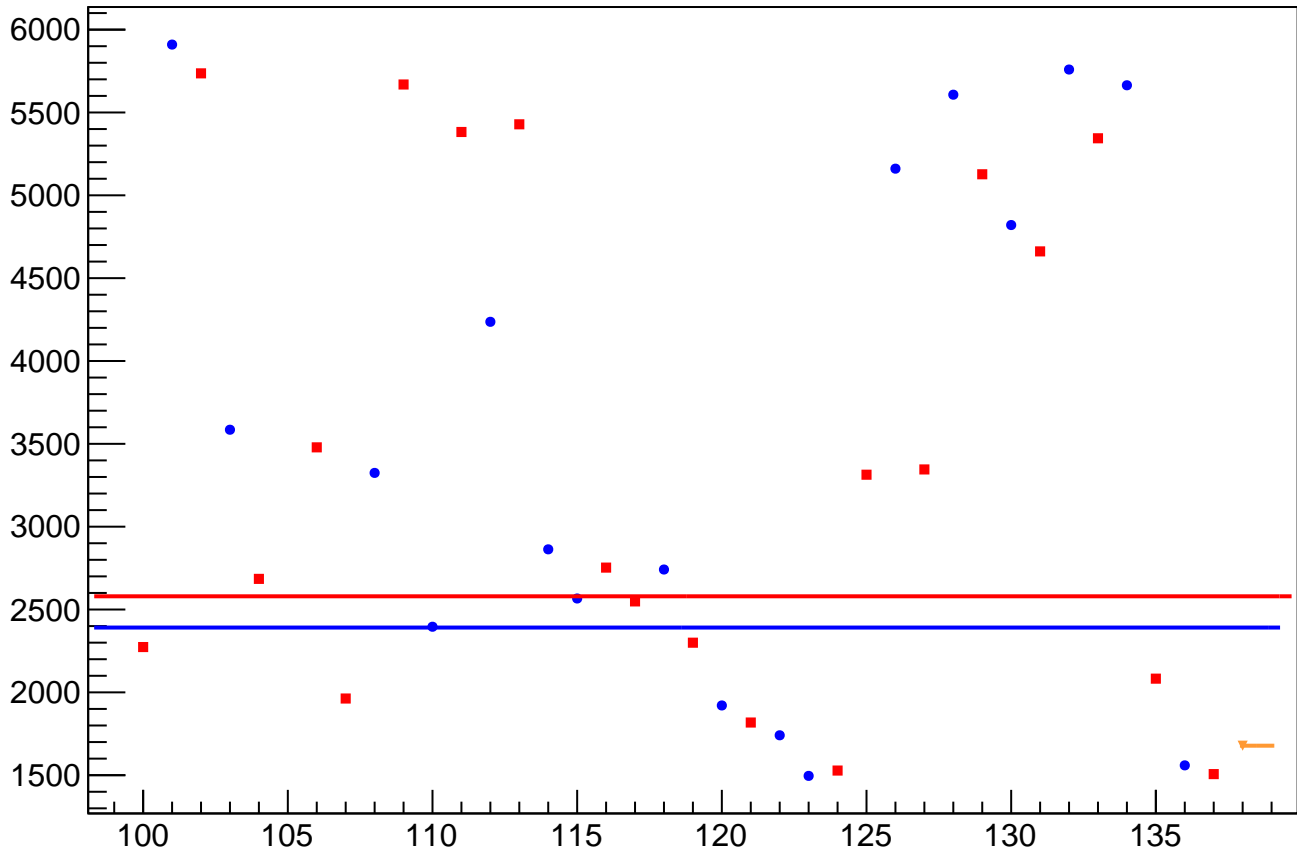
Right Out: 5.689+/-1.087 χ^2 /NDF: 456.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.887+/-0.949 χ^2 /NDF: 489.9/17

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: 1678.077+/-1.468 χ^2 /NDF:0.0/0

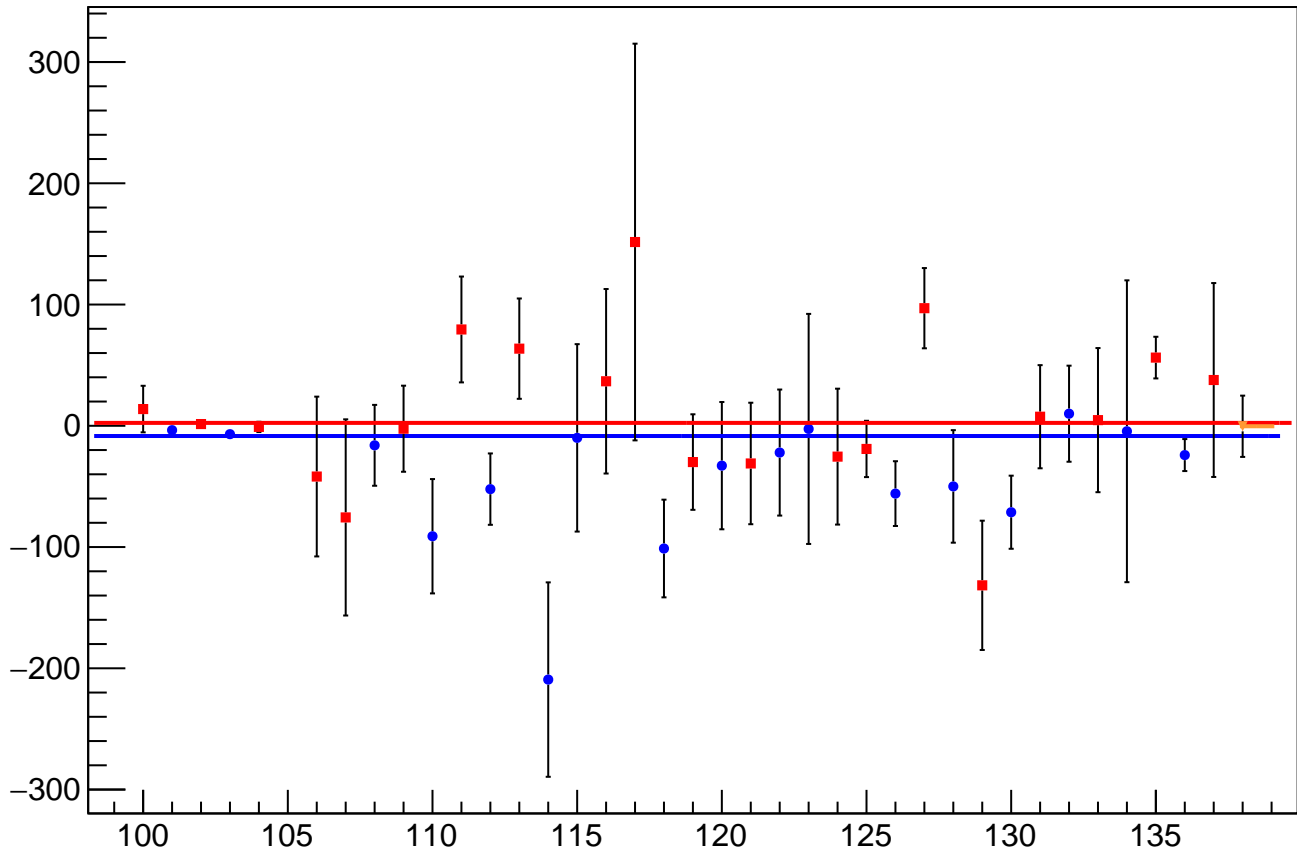
Right Out: 2579.794+/-0.768 χ^2 /NDF: 2365284.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2242.355+/-0.671 χ^2 /NDF: 2787144.0/17

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

diff_bpm0l03X_mean vs Slug



Right In: -8.430 ± 2.587 $\chi^2/\text{NDF}: 28.9/16$

Left Out: -0.396 ± 25.267 $\chi^2/\text{NDF}: 0.0/0$

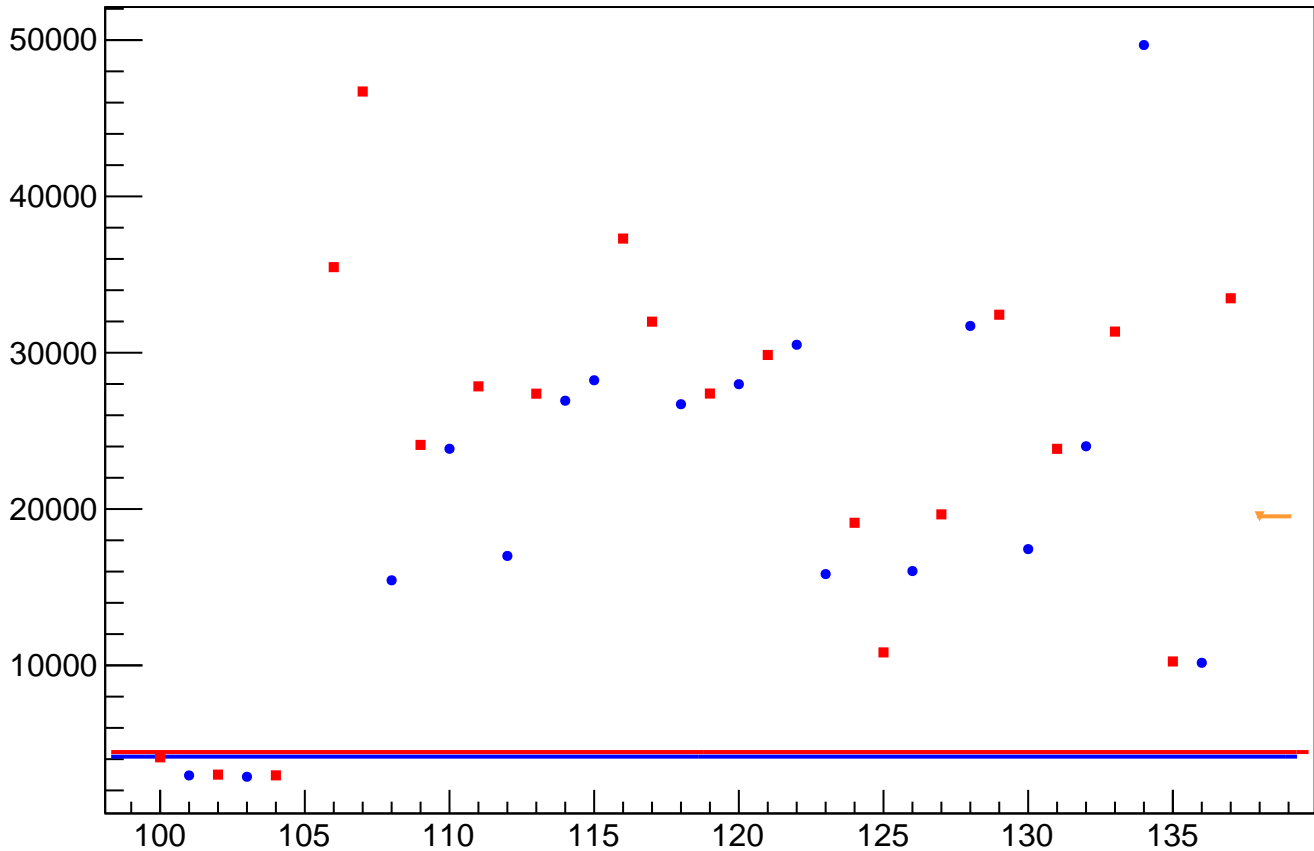
Right Out: 2.392 ± 2.786 $\chi^2/\text{NDF}: 35.5/19$

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

-8.347 ± 2.574 $\chi^2/\text{NDF}: 29.0/17$

2.392 ± 2.786 $\chi^2/\text{NDF}: 35.5/19$

diff_bpm0l03X_rms vs Slug



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

Left Out: 19533.762+/-17.866 χ^2/NDF : 0.0/0

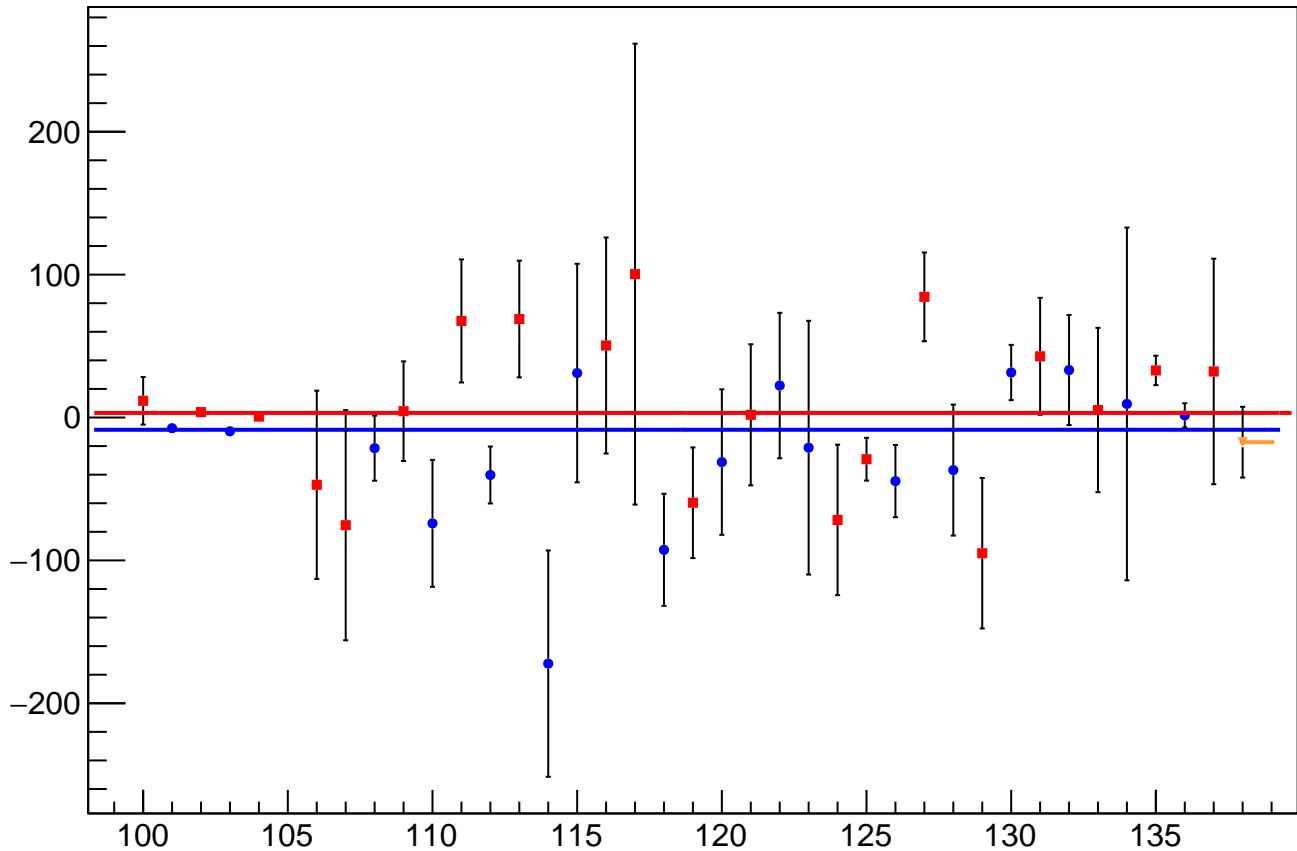
Right Out: 4455.114+/-1.970 χ^2/NDF : 7483602.5/19

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

4321.843+/-1.820 χ^2/NDF : 6722618.7/17

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

diff_bpm0l03Y_mean vs Slug



Right In: -8.586 ± 1.778 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -17.266 ± 24.766 $\chi^2/\text{NDF}: 0.0/0$

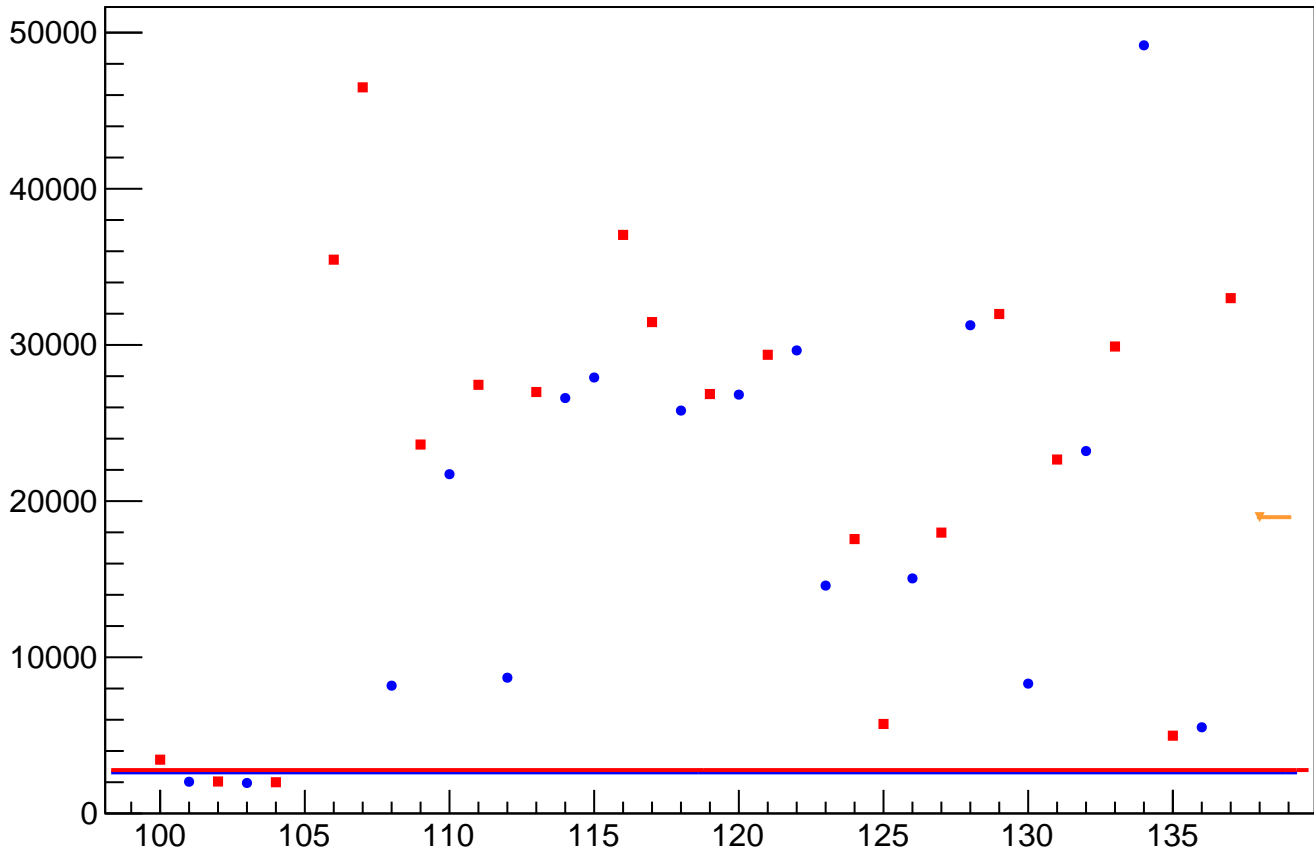
Right Out: 3.208 ± 1.922 $\chi^2/\text{NDF}: 37.2/19$

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

-8.631 ± 1.773 $\chi^2/\text{NDF}: 24.5/17$

3.208 ± 1.922 $\chi^2/\text{NDF}: 37.2/19$

diff_bpm0l03Y_rms vs Slug



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

Left Out: 18971.805+/-17.512 χ^2 /NDF: 0.0/0

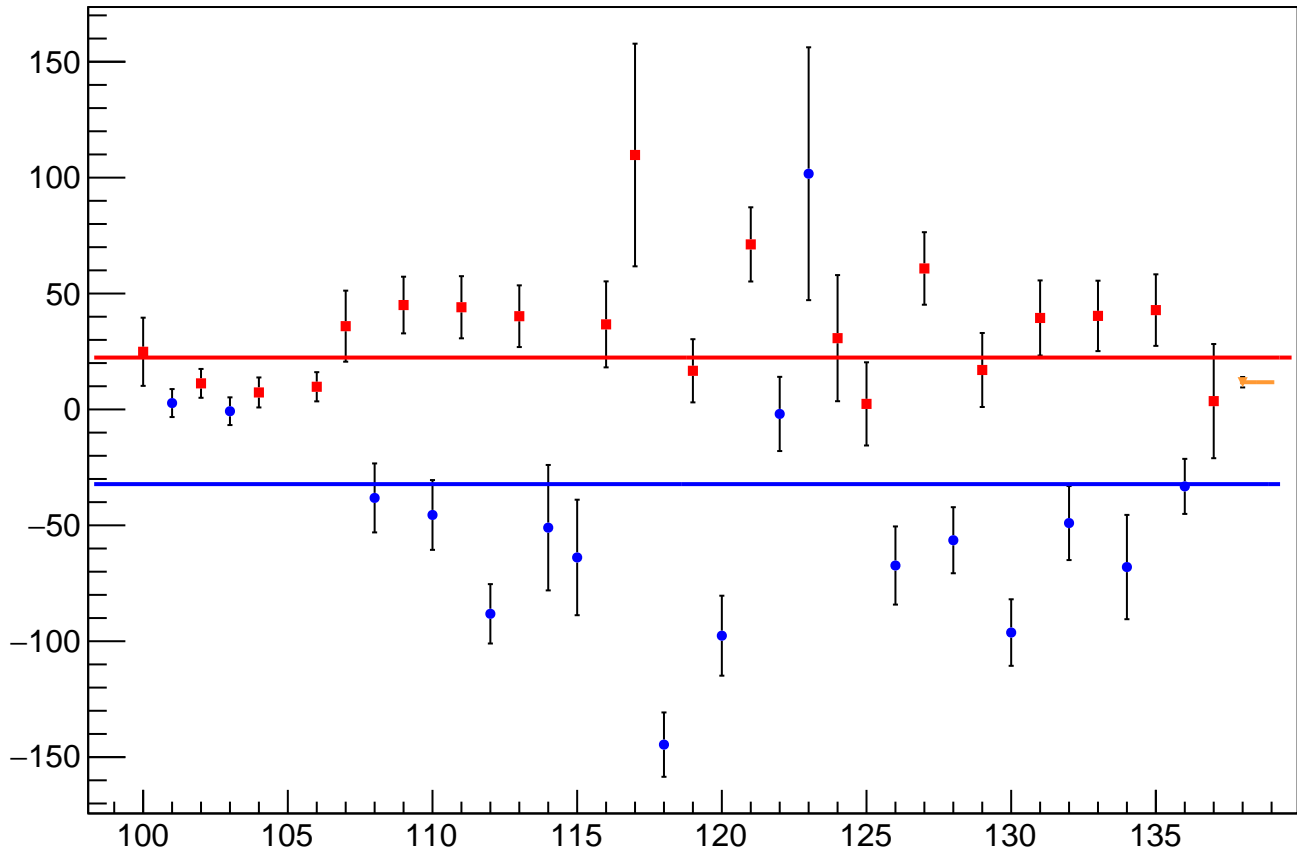
Right Out: 2777.521+/-1.359 χ^2 /NDF: 7899165.0/19

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

2714.313+/-1.254 χ^2 /NDF: 6455232.8/17

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

diff_bpm0l04X_mean vs Slug



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

Left Out: 11.739 \pm 2.249 χ^2 /NDF: 0.0/0

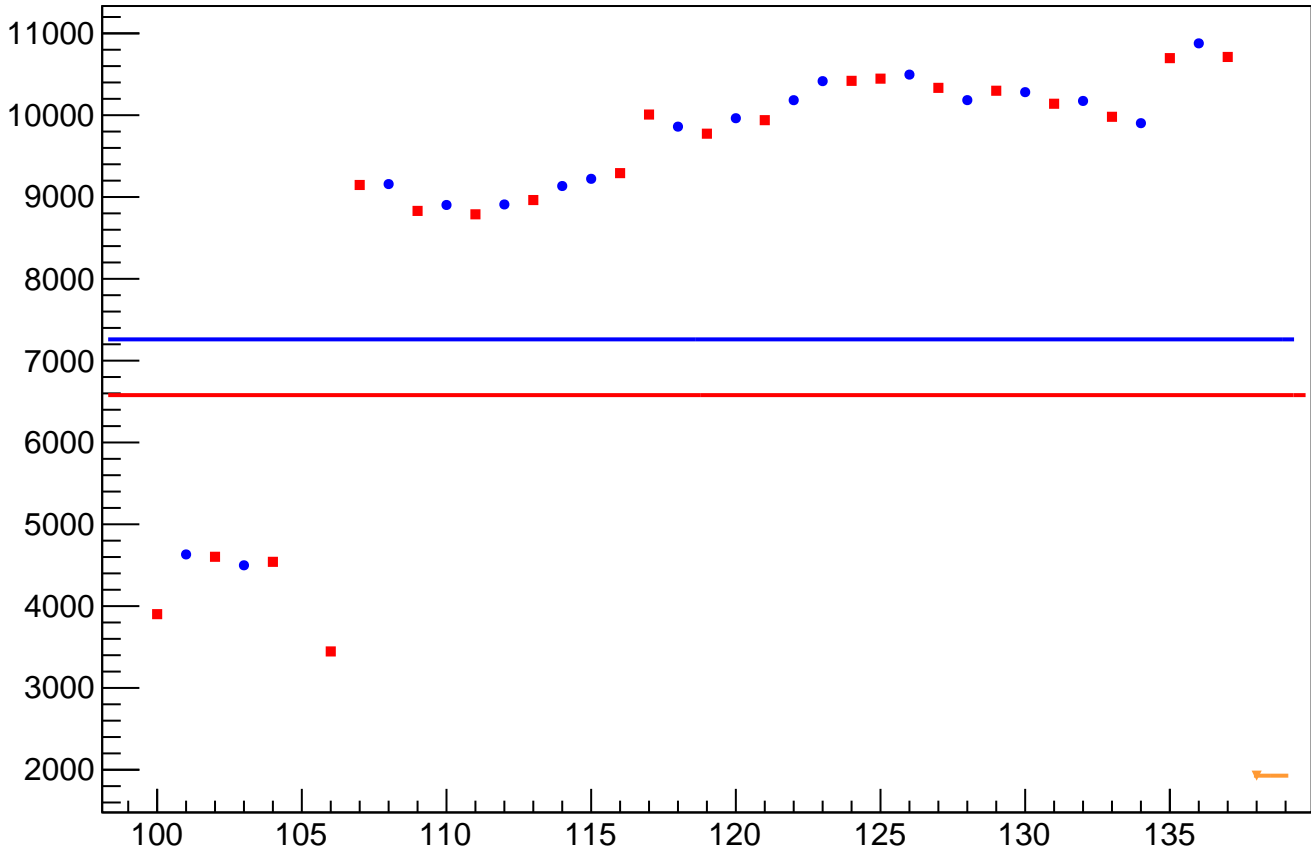
Right Out: 22.381 \pm 2.665 χ^2 /NDF: 47.0/19

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

-4.205 \pm 1.795 χ^2 /NDF: 342.2/17

22.381 \pm 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: 1927.812+/-1.590 χ^2 /NDF:0.0/0

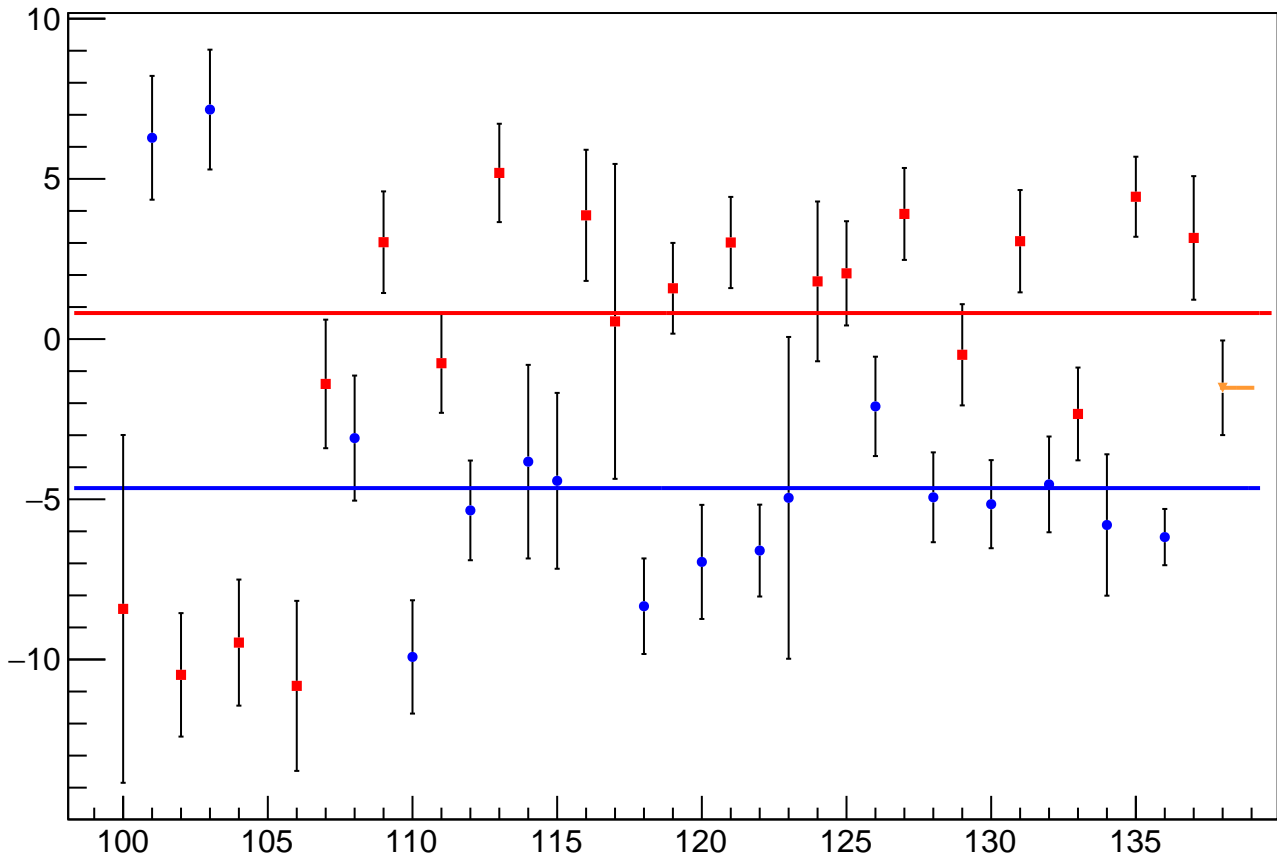
Right Out: 6578.773+/-1.885 χ^2 /NDF: 2206772.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

3861.704+/-1.270 χ^2 /NDF: 5713680.9/17

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

diff_bpm0l04Y_mean vs Slug



Right In: -4.651 ± 0.393 $\chi^2/\text{NDF}: 97.6/16$

Left Out: -1.520 ± 1.477 $\chi^2/\text{NDF}: 0.0/0$

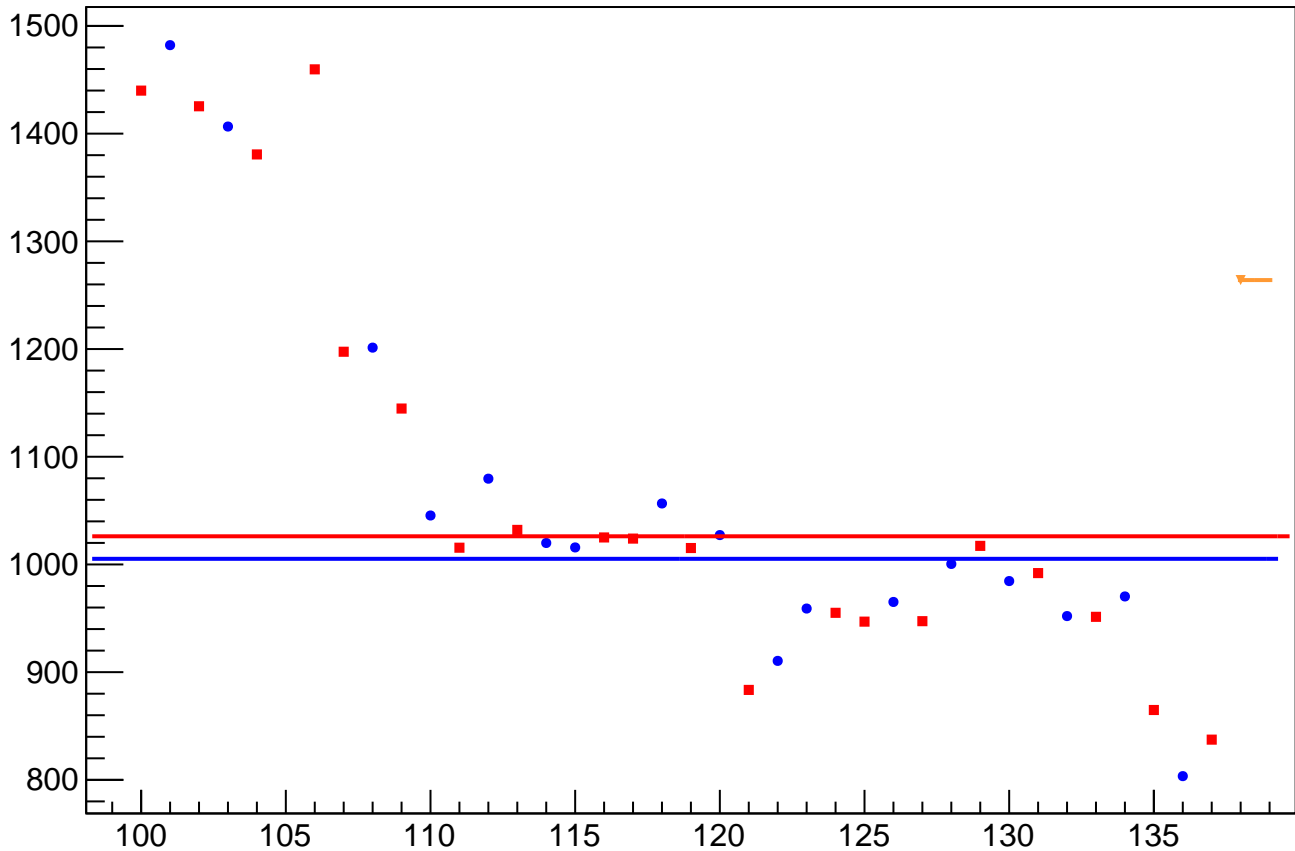
Right Out: 0.813 ± 0.387 $\chi^2/\text{NDF}: 123.7/19$

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

-4.444 ± 0.379 $\chi^2/\text{NDF}: 101.8/17$

0.813 ± 0.387 $\chi^2/\text{NDF}: 123.7/19$

diff_bpm0l04Y_rms vs Slug



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

Left Out: 1264.034+/-1.044 χ^2/NDF : 0.0/0

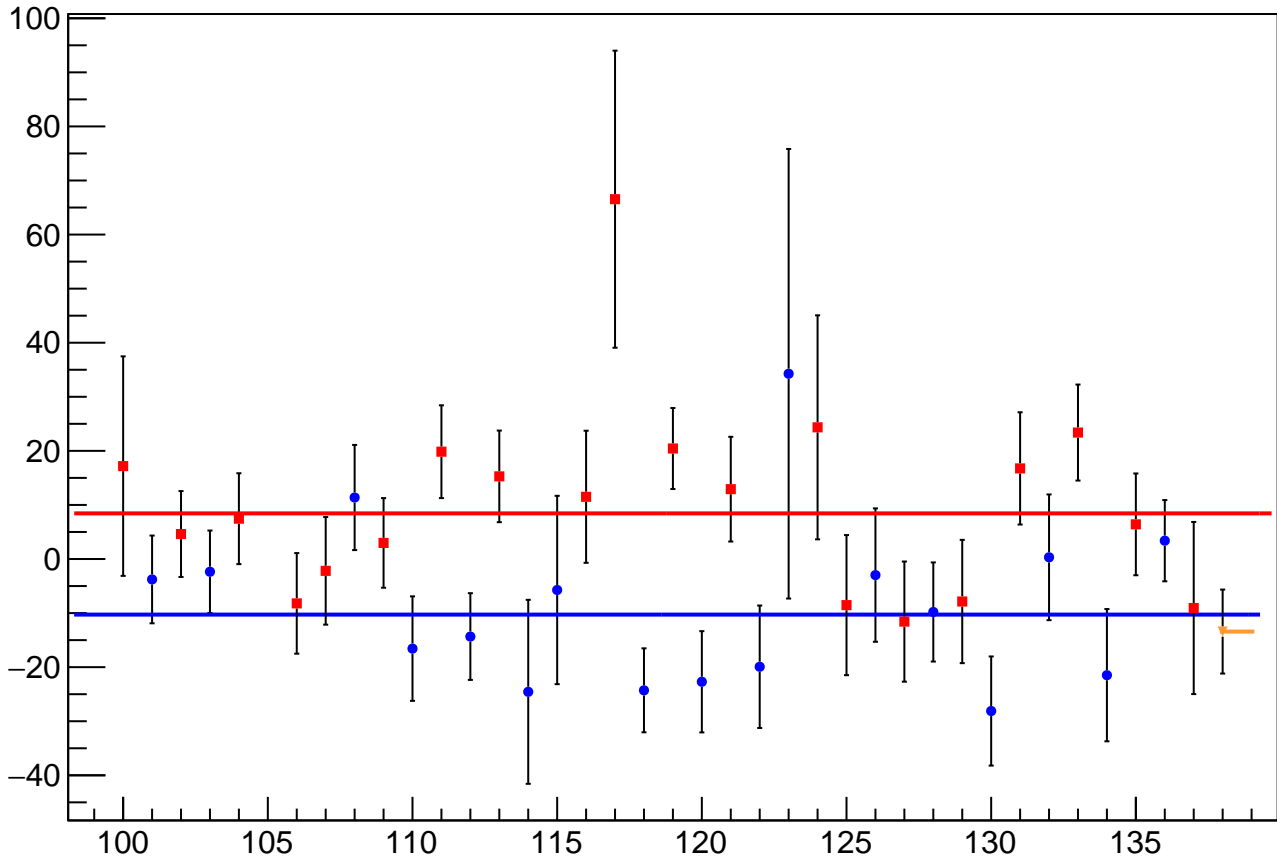
1022.315+/-0.268 χ^2/NDF : 419332.8/17

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

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

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

diff_bpm0l05X_mean vs Slug



Right In: -10.277 ± 2.408 $\chi^2/\text{NDF}: 23.5/16$

Left Out: -13.418 ± 7.765 $\chi^2/\text{NDF}: 0.0/0$

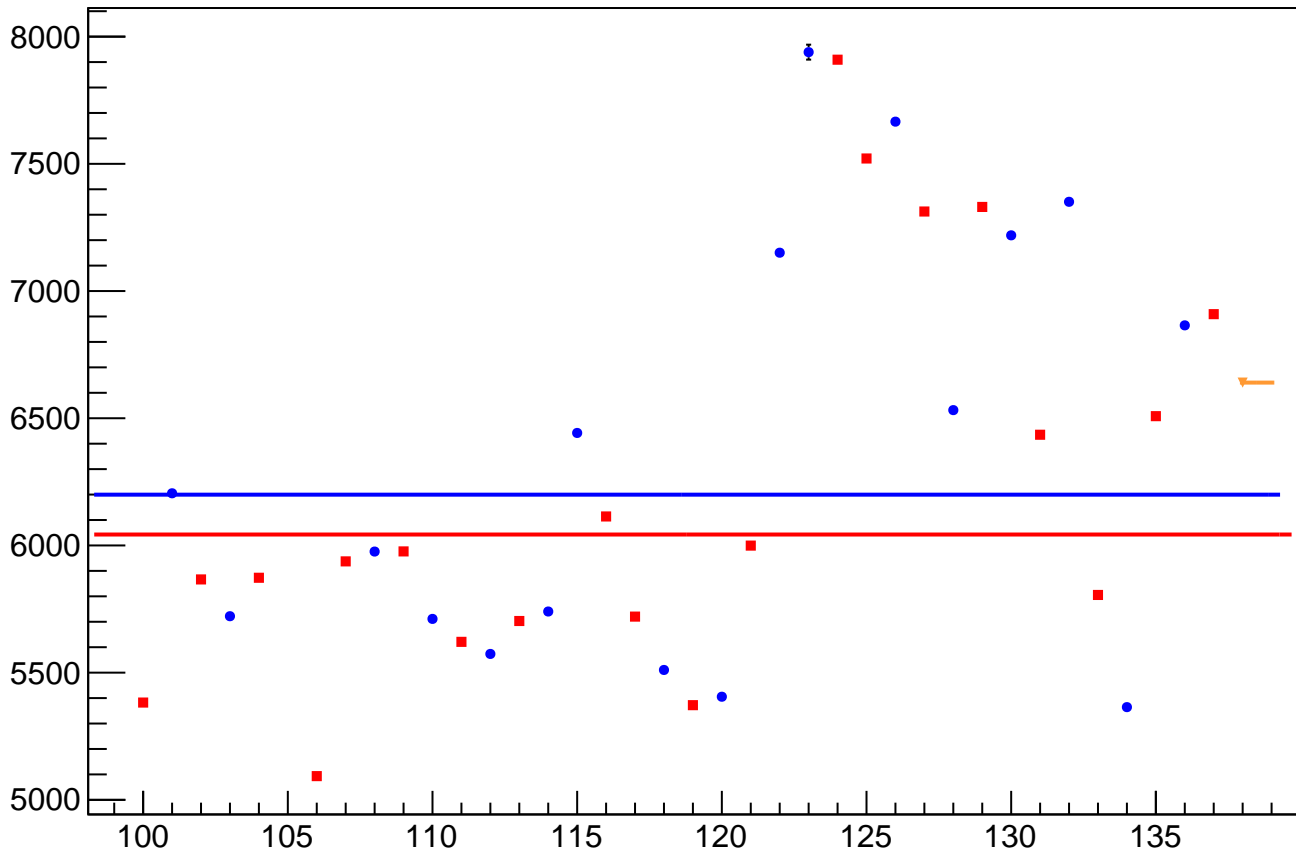
Right Out: 8.441 ± 2.271 $\chi^2/\text{NDF}: 27.3/19$

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

-10.553 ± 2.300 $\chi^2/\text{NDF}: 23.6/17$

8.441 ± 2.271 $\chi^2/\text{NDF}: 27.3/19$

diff_bpm0l05X_rms vs Slug



Right In: 6199.617+/-1.703 χ^2 /NDF: 171760.4/16

Left Out: 6640.136+/-5.491 χ^2 /NDF: 0.0/0

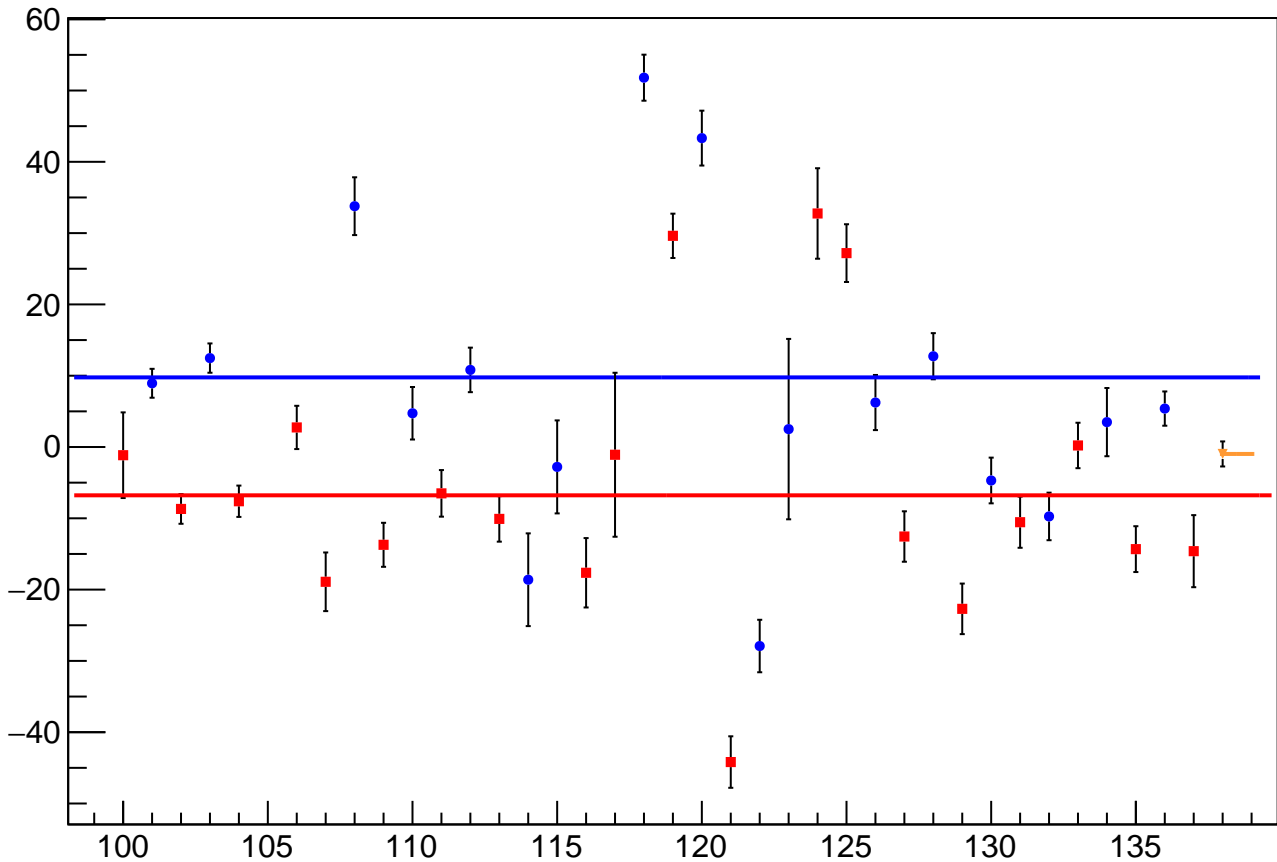
Right Out: 6042.952+/-1.606 χ^2 /NDF: 158600.9/19

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

6238.260+/-1.626 χ^2 /NDF: 177632.9/17

6042.952+/-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: -0.973+/-1.757 χ^2/NDF : 0.0/0

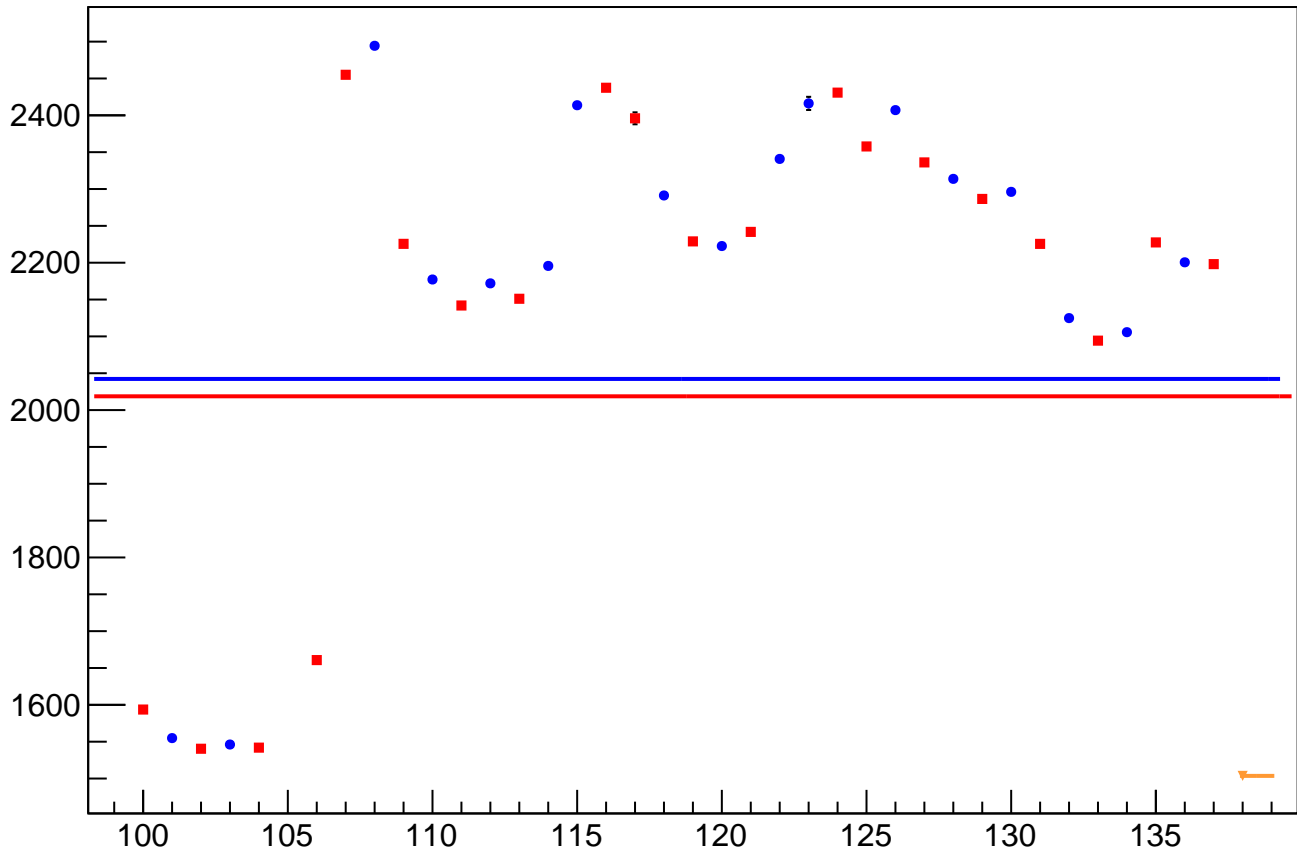
Right Out: -6.776+/-0.763 χ^2/NDF : 422.1/19

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

7.932+/-0.726 χ^2/NDF : 504.8/17

-6.776+/-0.763 χ^2/NDF : 422.1/19

diff_bpm0l05Y_rms vs Slug



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

Left Out: 1503.600+/-1.242 χ^2/NDF : 0.0/0

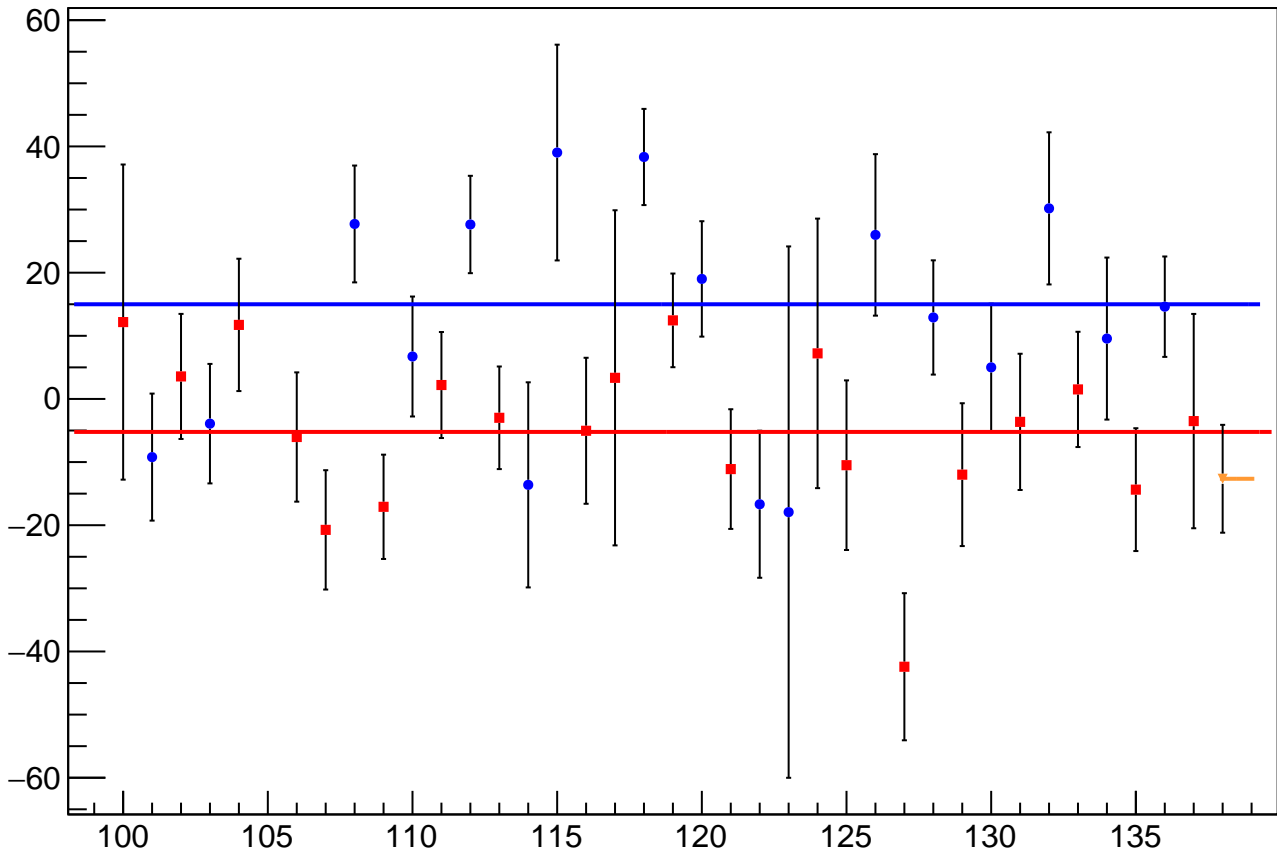
Right Out: 2018.694+/-0.540 χ^2/NDF : 377792.4/19

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

1950.359+/-0.513 χ^2/NDF : 512762.6/17

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

diff_bpm0l06X_mean vs Slug



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

12.840 \pm 2.386 χ^2 /NDF: 51.0/17

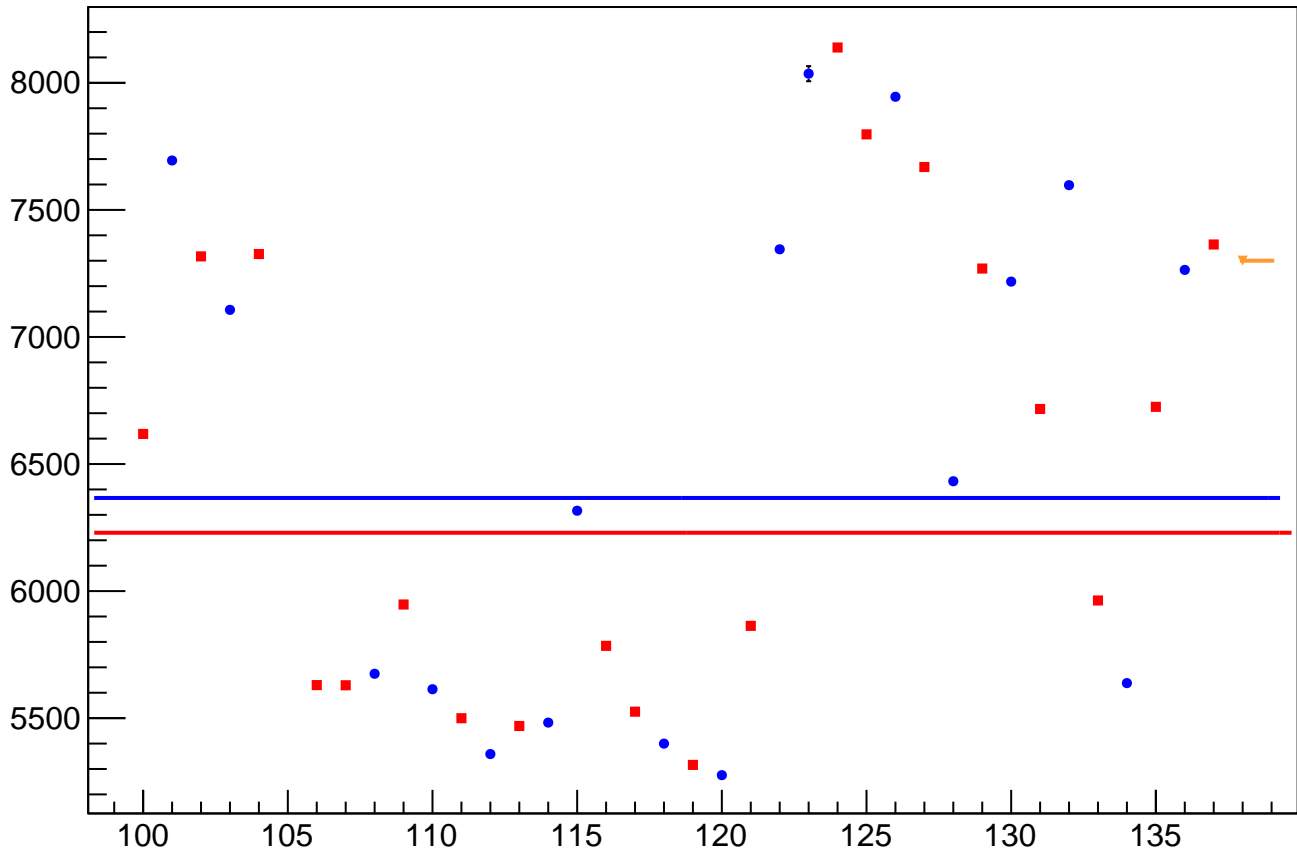
Left Out: -12.645 \pm 8.543 χ^2 /NDF: 0.0/0

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

-5.223 \pm 2.348 χ^2 /NDF: 28.2/19

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

diff_bpm0l06X_rms vs Slug



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

Left Out: 7300.205+/-6.041 χ^2 /NDF: 0.0/0

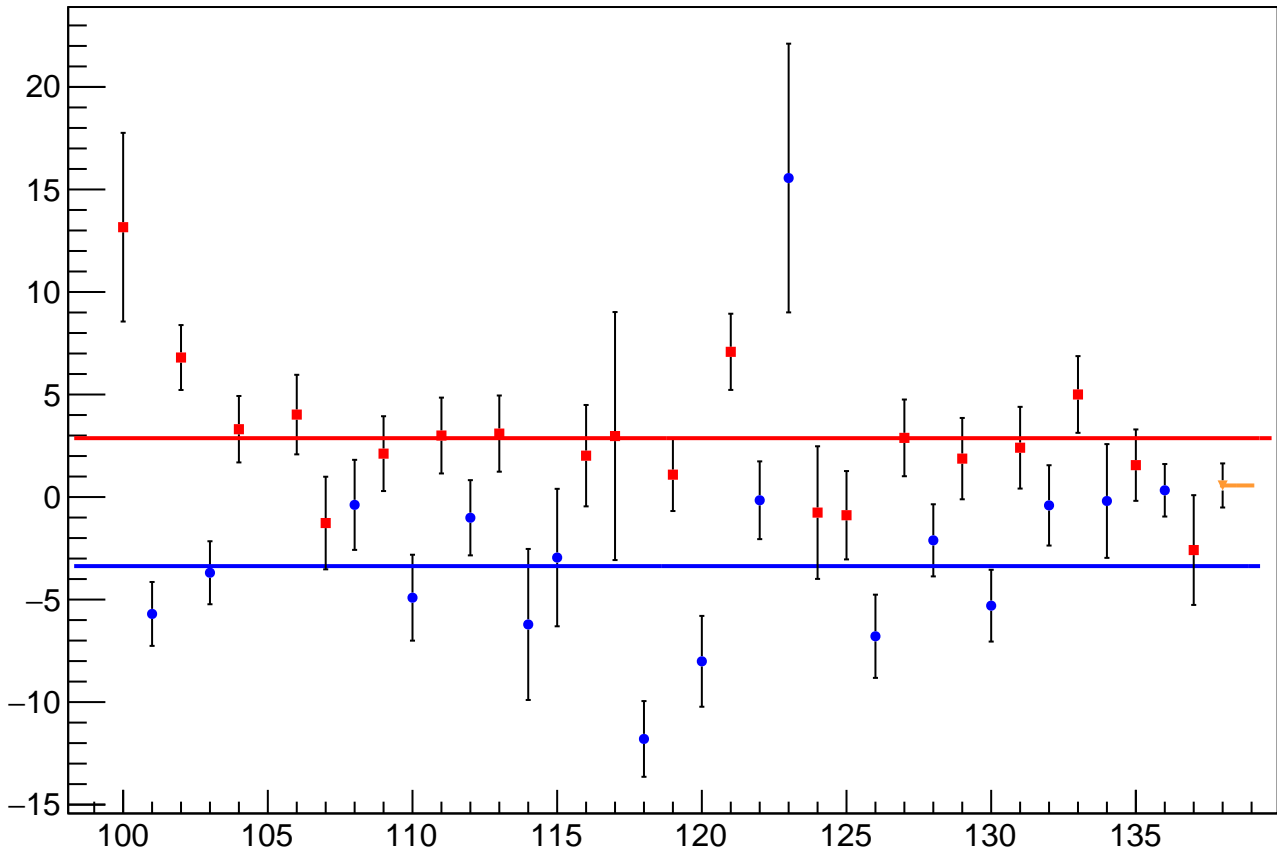
Right Out: 6229.625+/-1.660 χ^2 /NDF: 244622.7/19

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

6439.350+/-1.687 χ^2 /NDF: 308522.2/17

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

diff_bpm0l06Y_mean vs Slug



Right In: -3.368 ± 0.476 $\chi^2/\text{NDF}: 59.9/16$

Left Out: 0.565 ± 1.075 $\chi^2/\text{NDF}: 0.0/0$

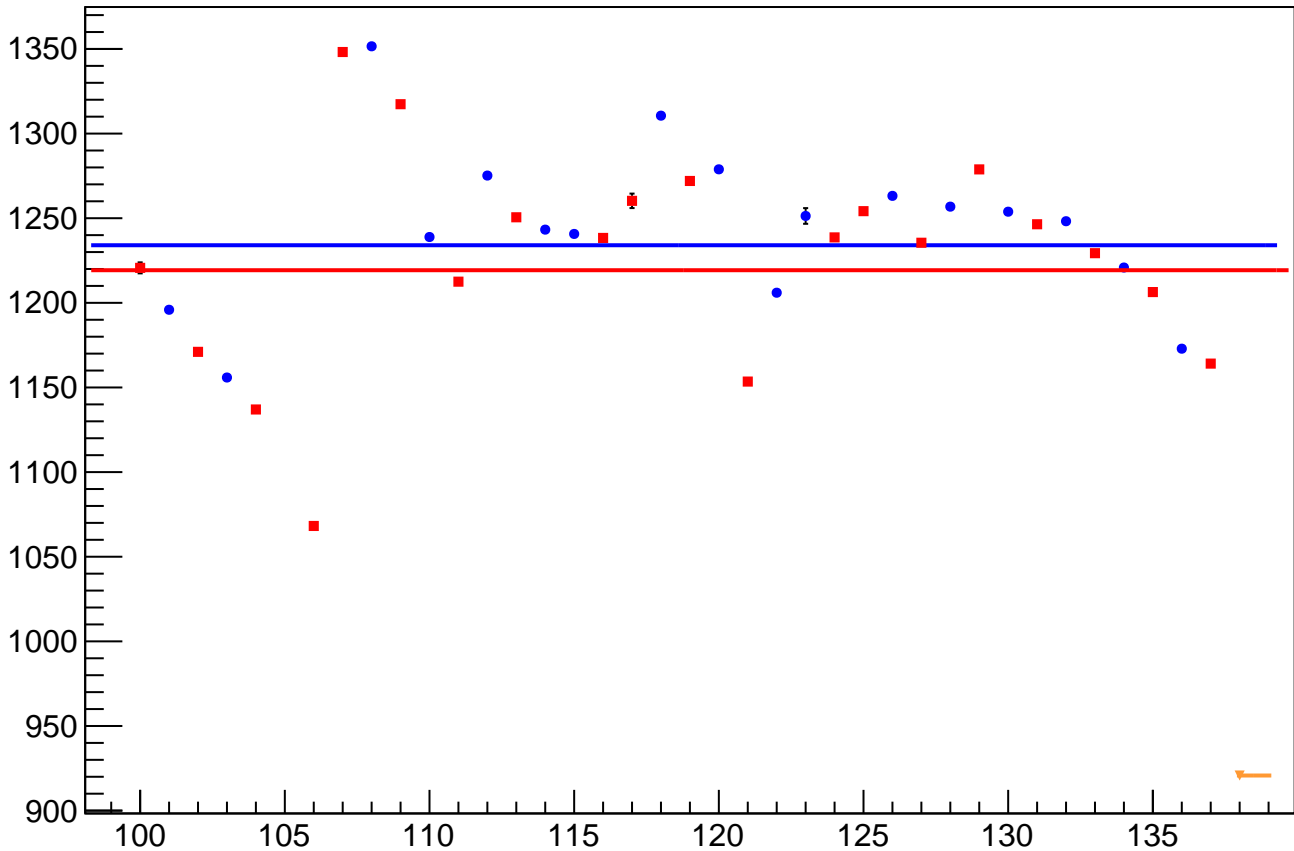
Right Out: 2.871 ± 0.455 $\chi^2/\text{NDF}: 32.0/19$

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

-2.725 ± 0.435 $\chi^2/\text{NDF}: 71.1/17$

2.871 ± 0.455 $\chi^2/\text{NDF}: 32.0/19$

diff_bpm0l06Y_rms vs Slug



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

Left Out: 920.740 \pm 0.760 χ^2 /NDF:0.0/0

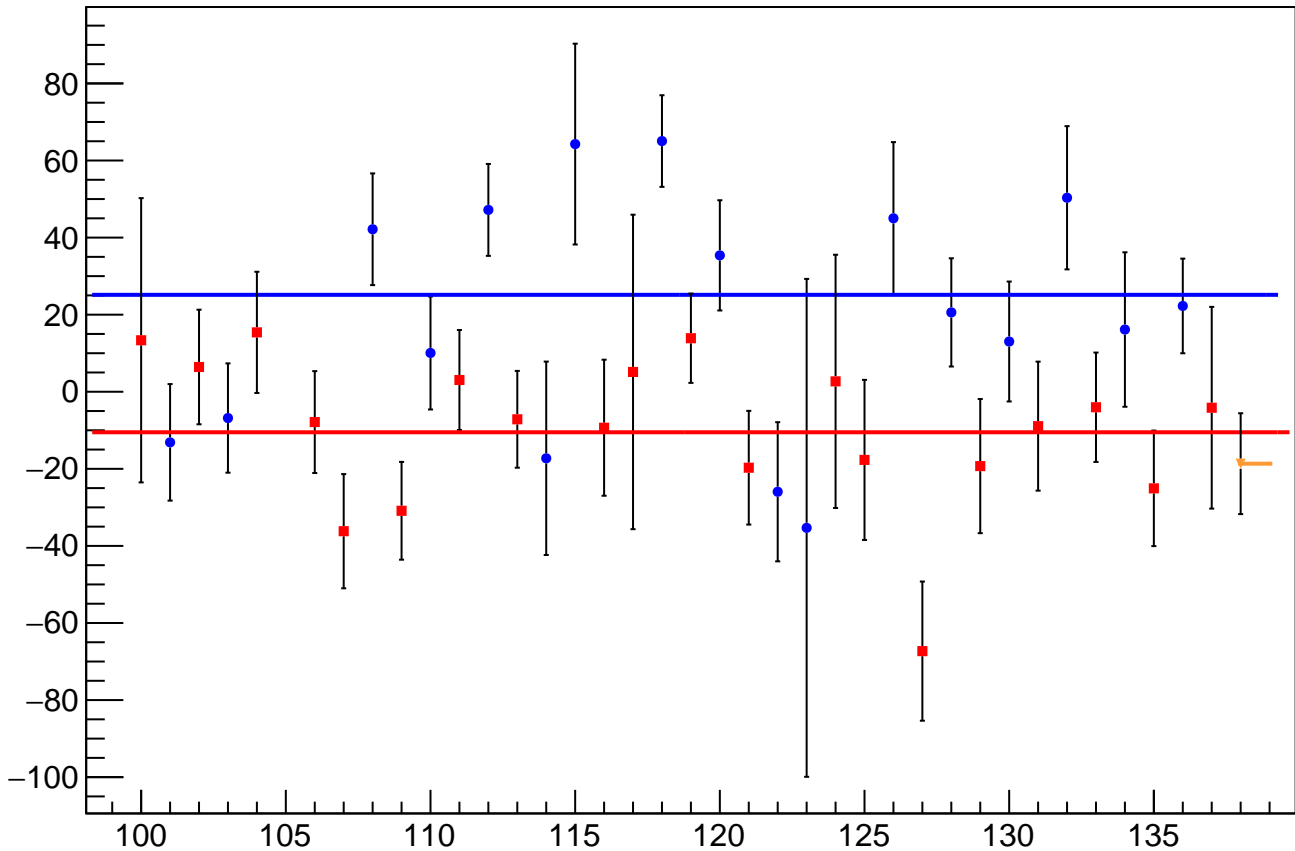
1182.775 \pm 0.308 χ^2 /NDF: 165597.6/17

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

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

1219.275 \pm 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: -18.665+/-13.082 χ^2 /NDF: 0.0/0

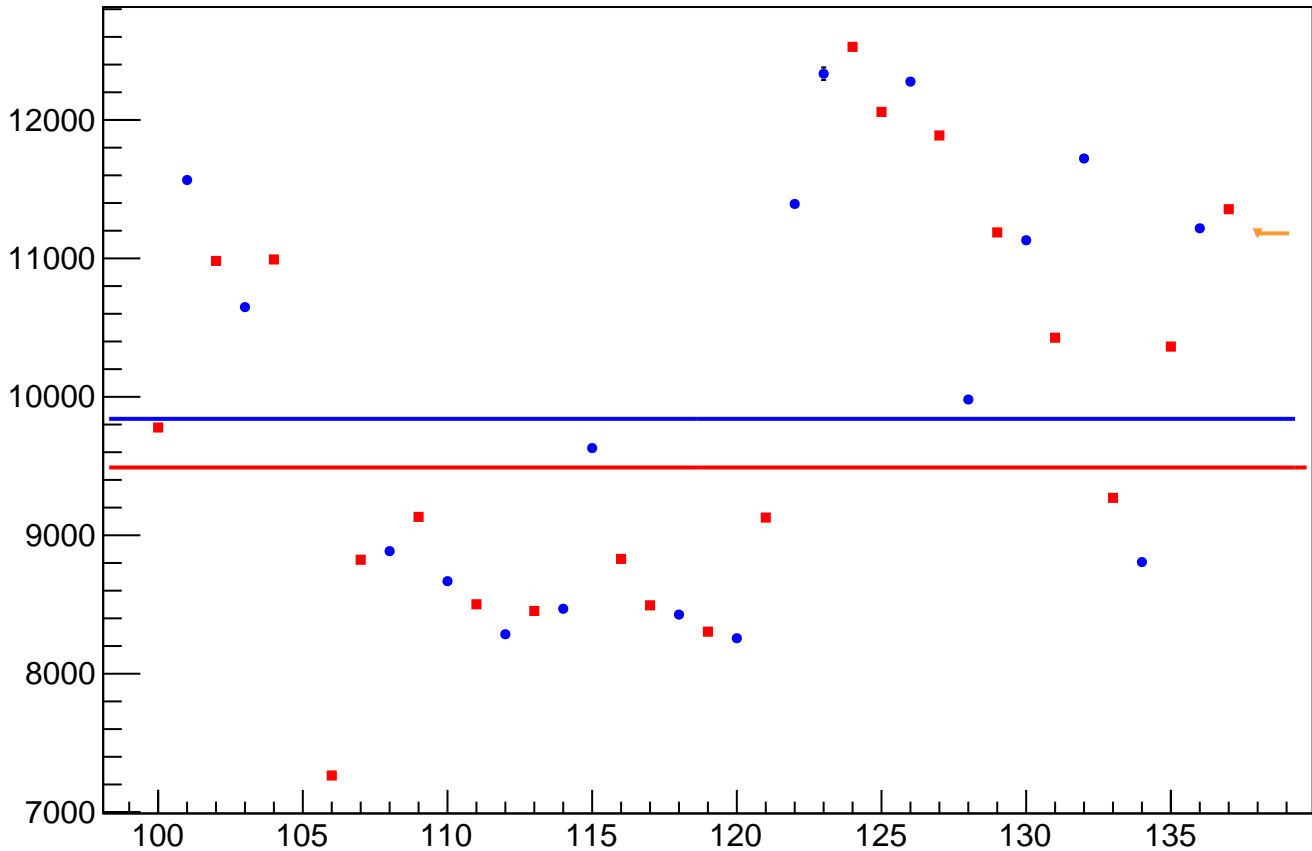
Right Out: -10.513+/-3.581 χ^2 /NDF: 27.8/19

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

21.678+/-3.682 χ^2 /NDF: 57.3/17

-10.513+/-3.581 χ^2 /NDF: 27.8/19

diff_bpm0l07X_rms vs Slug



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

9947.308+/-2.604 χ^2 /NDF: 279373.5/17

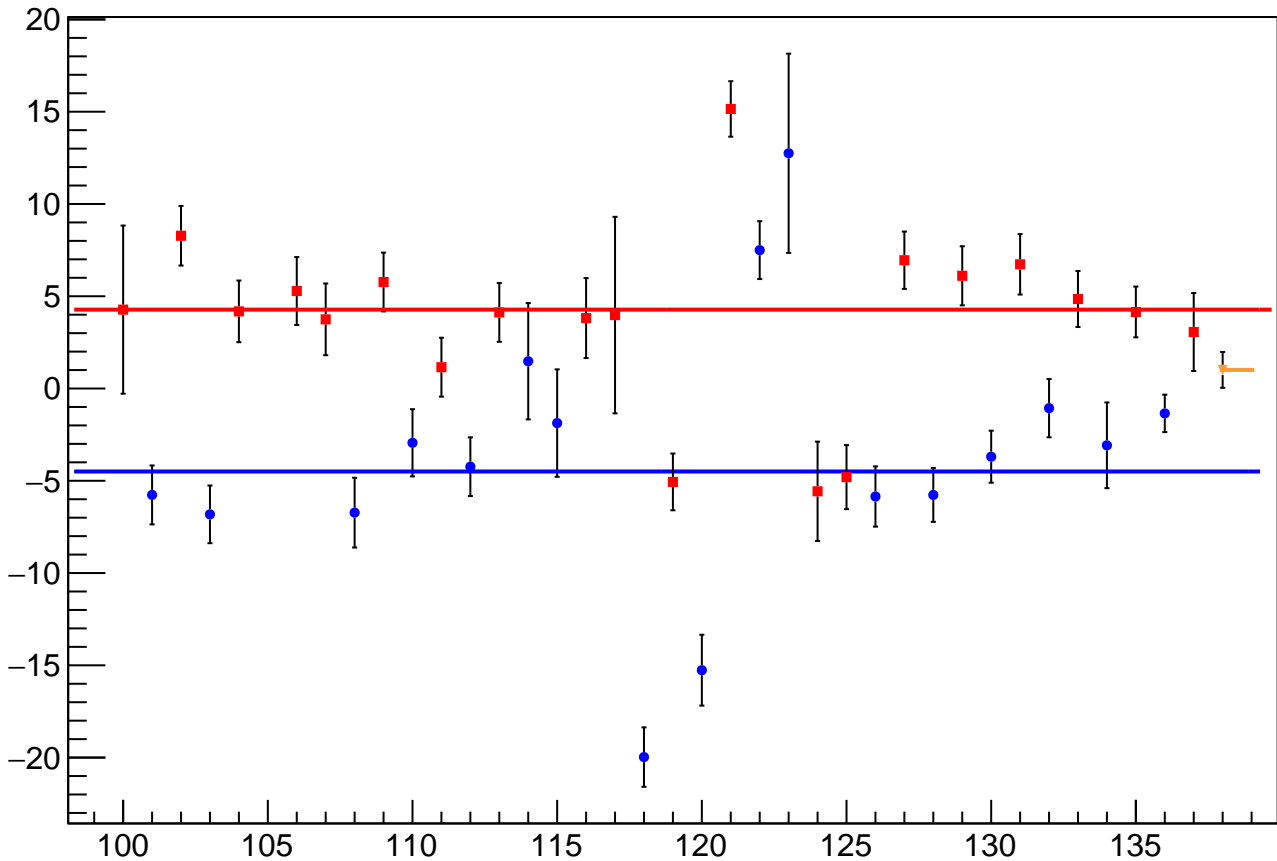
Left Out: 11180.826+/-9.250 χ^2 /NDF: 0.0/0

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

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

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

diff_bpm0l07Y_mean vs Slug



Right In: -4.497 ± 0.408 $\chi^2/\text{NDF}: 218.4/16$

Left Out: 1.008 ± 0.970 $\chi^2/\text{NDF}: 0.0/0$

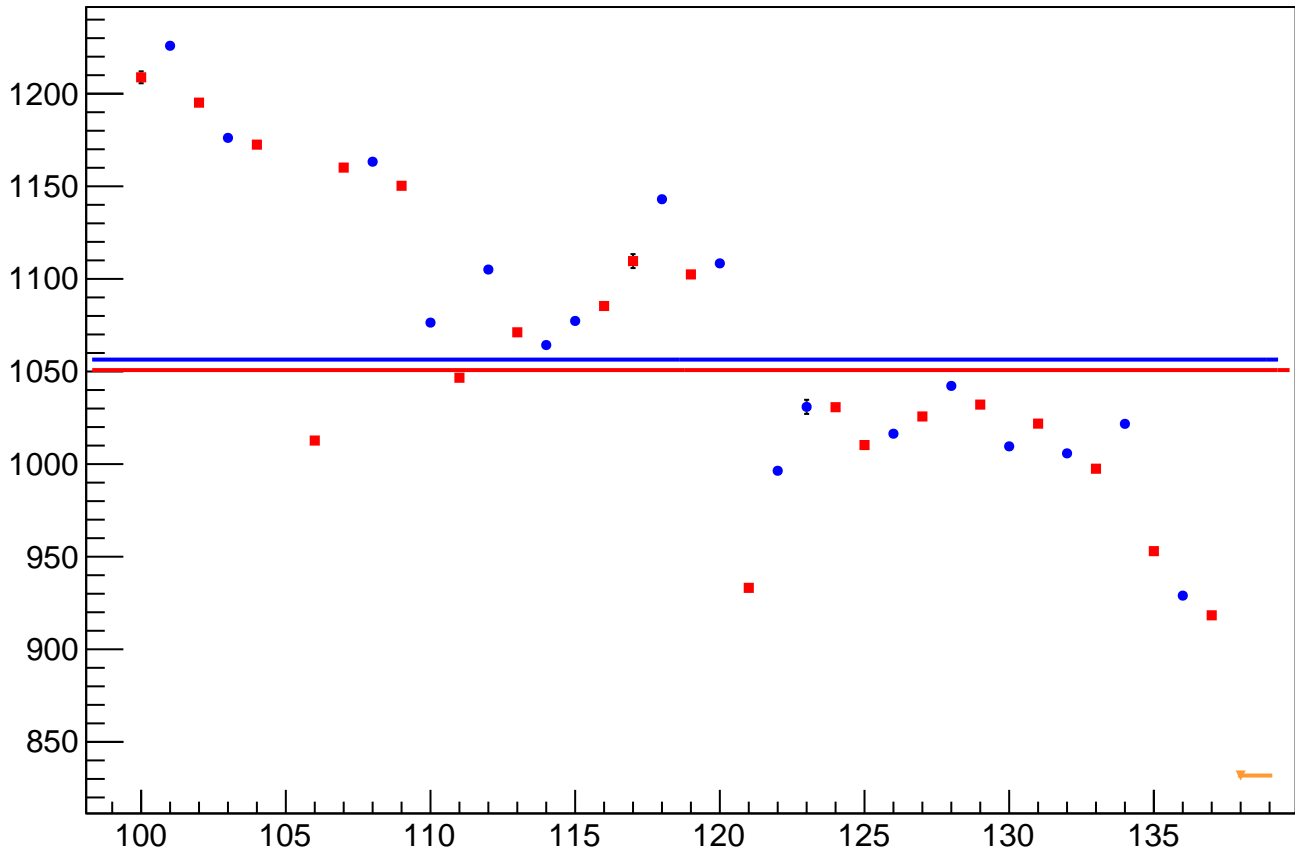
Right Out: 4.275 ± 0.393 $\chi^2/\text{NDF}: 148.2/19$

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

-3.669 ± 0.376 $\chi^2/\text{NDF}: 245.8/17$

4.275 ± 0.393 $\chi^2/\text{NDF}: 148.2/19$

diff_bpm0l07Y_rms vs Slug



Right In: 1056.436+/-0.289 χ^2 /NDF: 90773.0/16

Left Out: 831.841+/-0.686 χ^2 /NDF:0.0/0

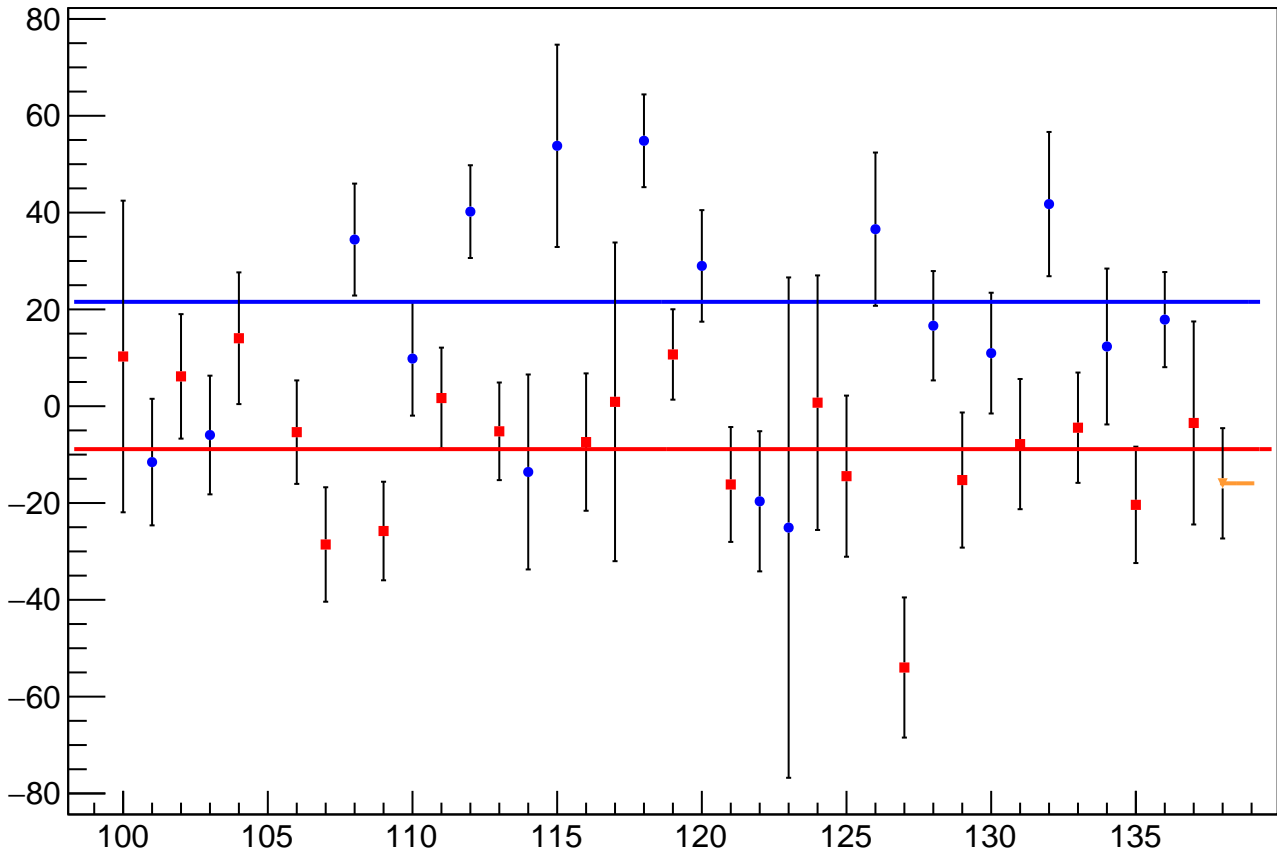
1022.657+/-0.266 χ^2 /NDF: 181848.3/17

Right Out: 1050.765+/-0.278 χ^2 /NDF: 82642.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1050.765+/-0.278 χ^2 /NDF: 82642.2/19

diff_bpm0l08X_mean vs Slug



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

Left Out: -15.931+/-11.396 χ^2 /NDF: 0.0/0

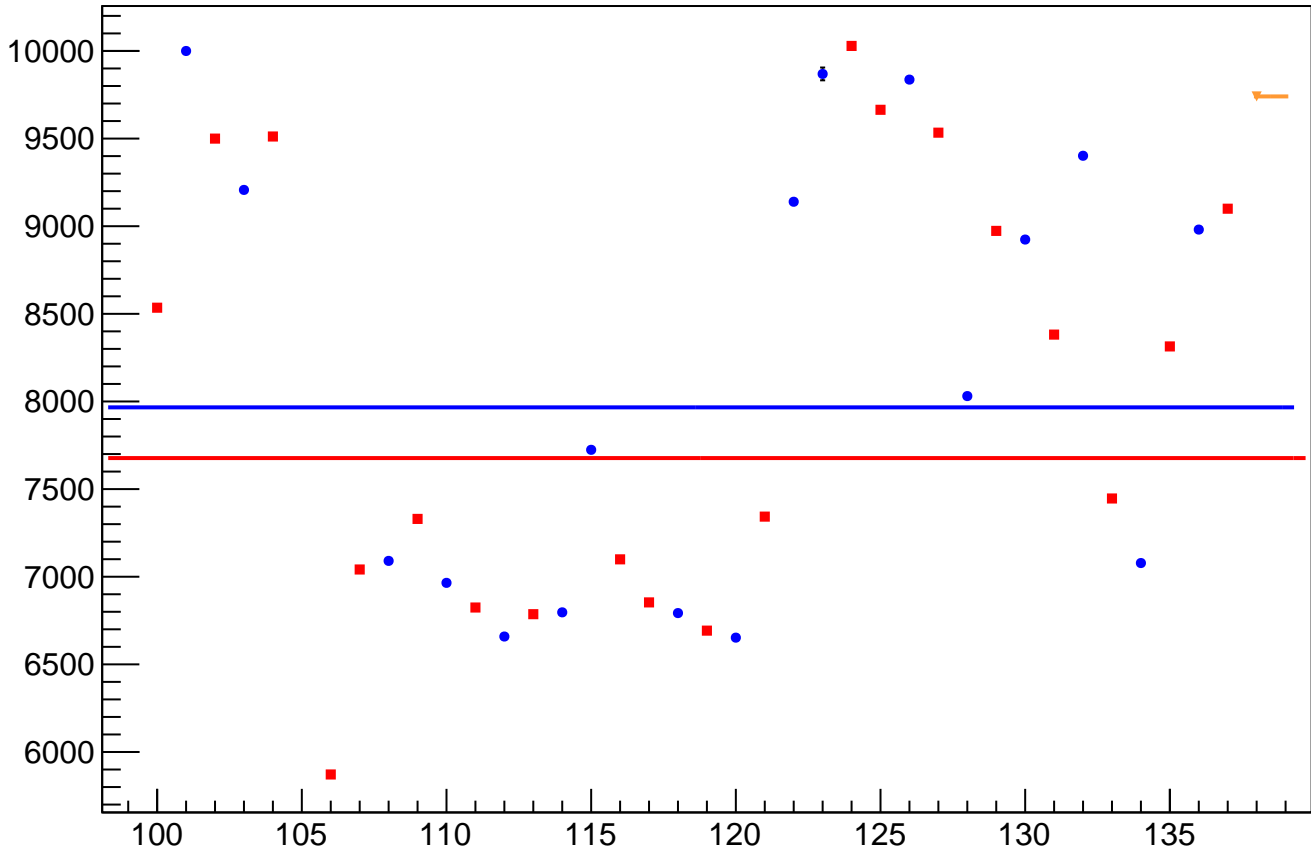
Right Out: -8.867+/-2.901 χ^2 /NDF: 27.5/19

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

18.962+/-3.001 χ^2 /NDF: 58.5/17

-8.867+/-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: 9740.509+/-8.058 χ^2 /NDF: 0.0/0

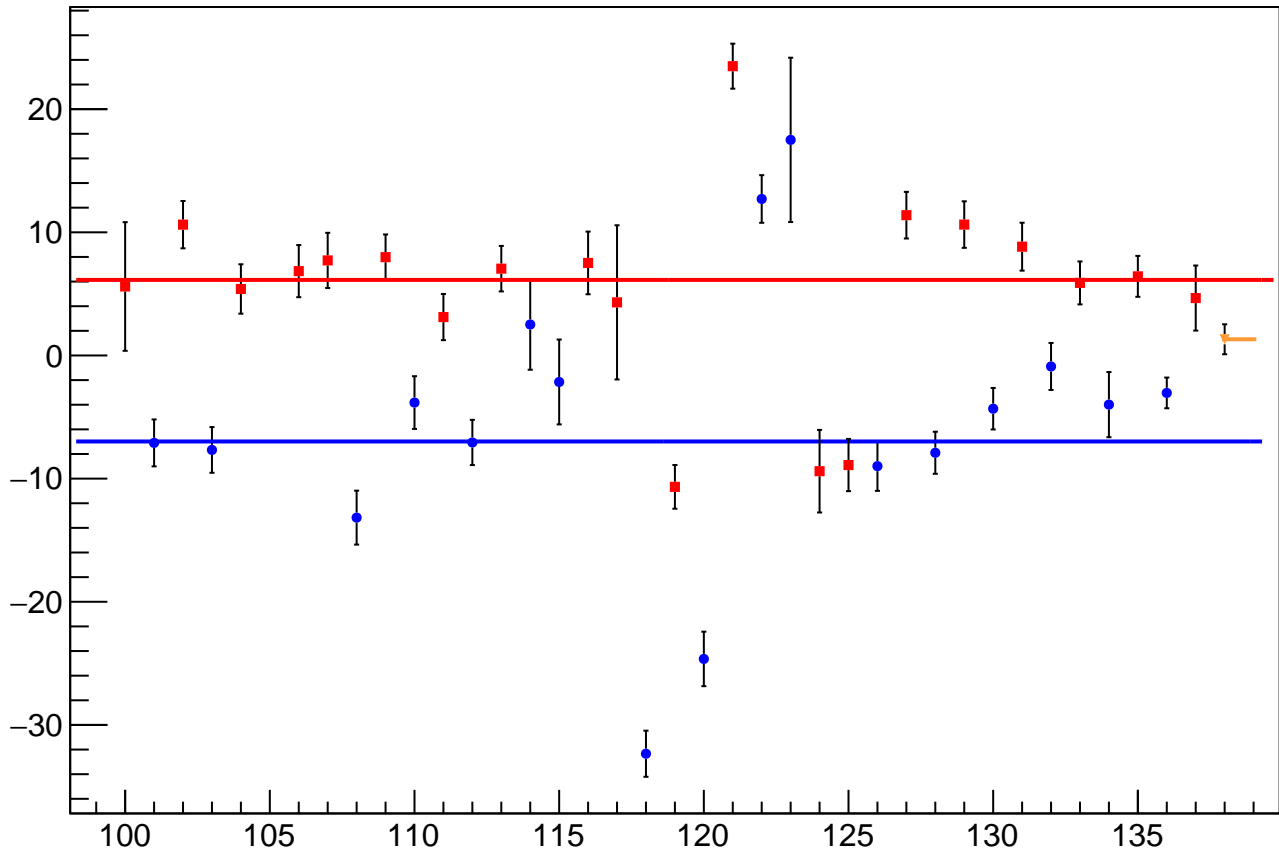
Right Out: 7677.035+/-2.051 χ^2 /NDF: 316295.2/19

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

8089.399+/-2.122 χ^2 /NDF: 341721.0/17

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

diff_bpm0l08Y_mean vs Slug



Right In: -6.984 ± 0.486 $\chi^2/\text{NDF}: 408.5/16$

Left Out: 1.316 ± 1.217 $\chi^2/\text{NDF}: 0.0/0$

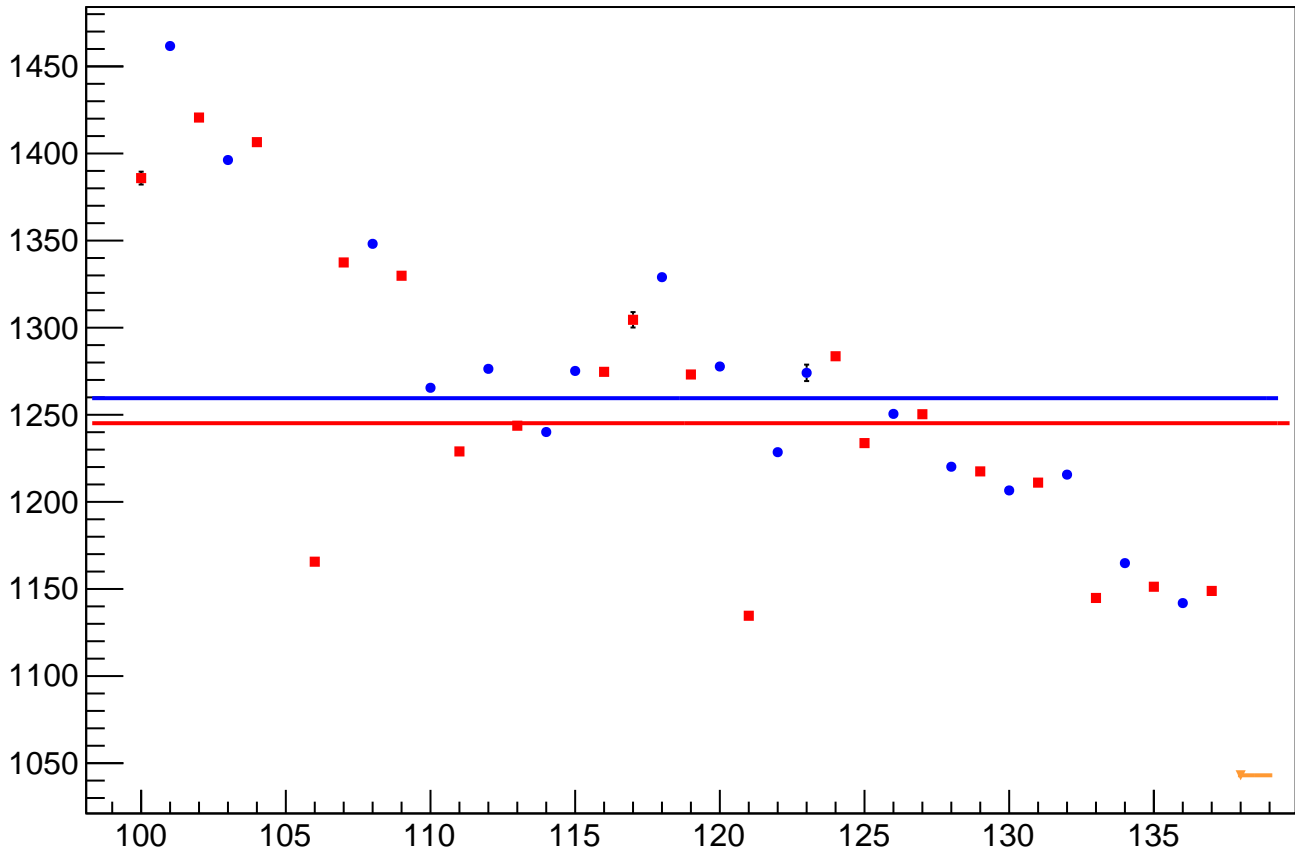
Right Out: 6.135 ± 0.465 $\chi^2/\text{NDF}: 277.6/19$

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

-5.841 ± 0.451 $\chi^2/\text{NDF}: 448.6/17$

6.135 ± 0.465 $\chi^2/\text{NDF}: 277.6/19$

diff_bpm0l08Y_rms vs Slug



Right In: 1259.531 \pm 0.344 χ^2 /NDF: 64844.4/16

Left Out: 1043.035 \pm 0.860 χ^2 /NDF: 0.0/0

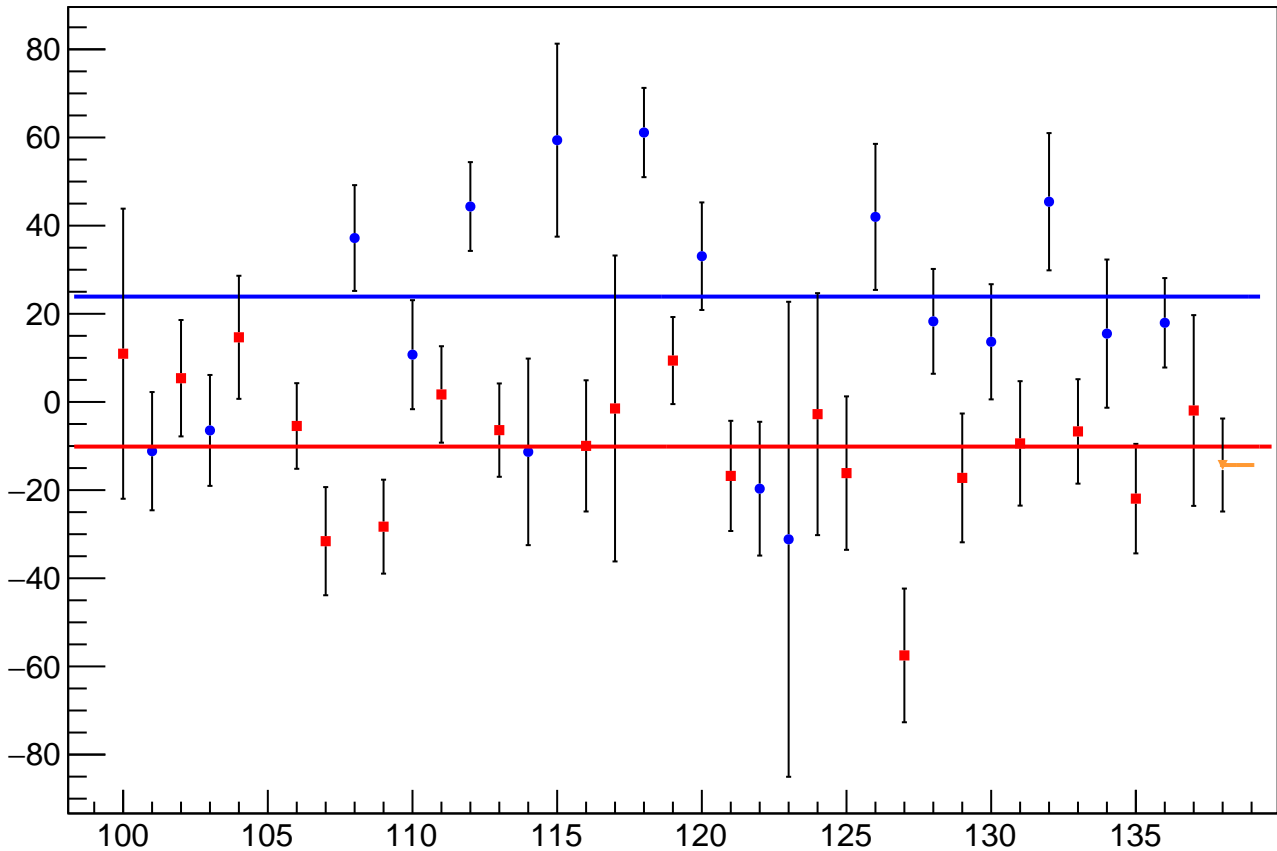
Right Out: 1245.167 \pm 0.329 χ^2 /NDF: 67006.8/19

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

1229.731 \pm 0.319 χ^2 /NDF: 119432.8/17

1245.167 \pm 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: -14.308+/-10.549 χ^2 /NDF: 0.0/0

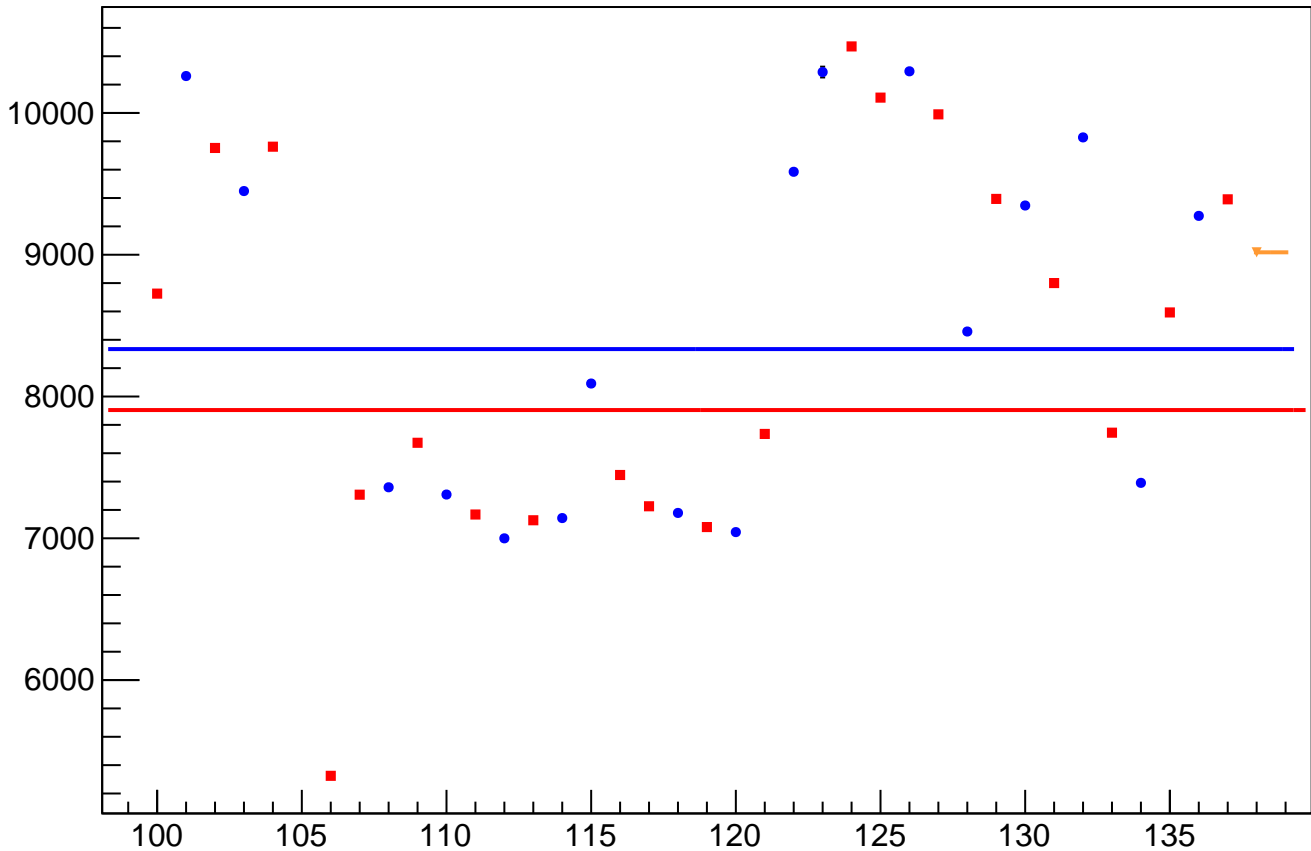
Right Out: -10.125+/-2.994 χ^2 /NDF: 28.0/19

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

20.591+/-3.106 χ^2 /NDF: 64.4/17

-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: 9017.074+/-7.459 χ^2/NDF : 0.0/0

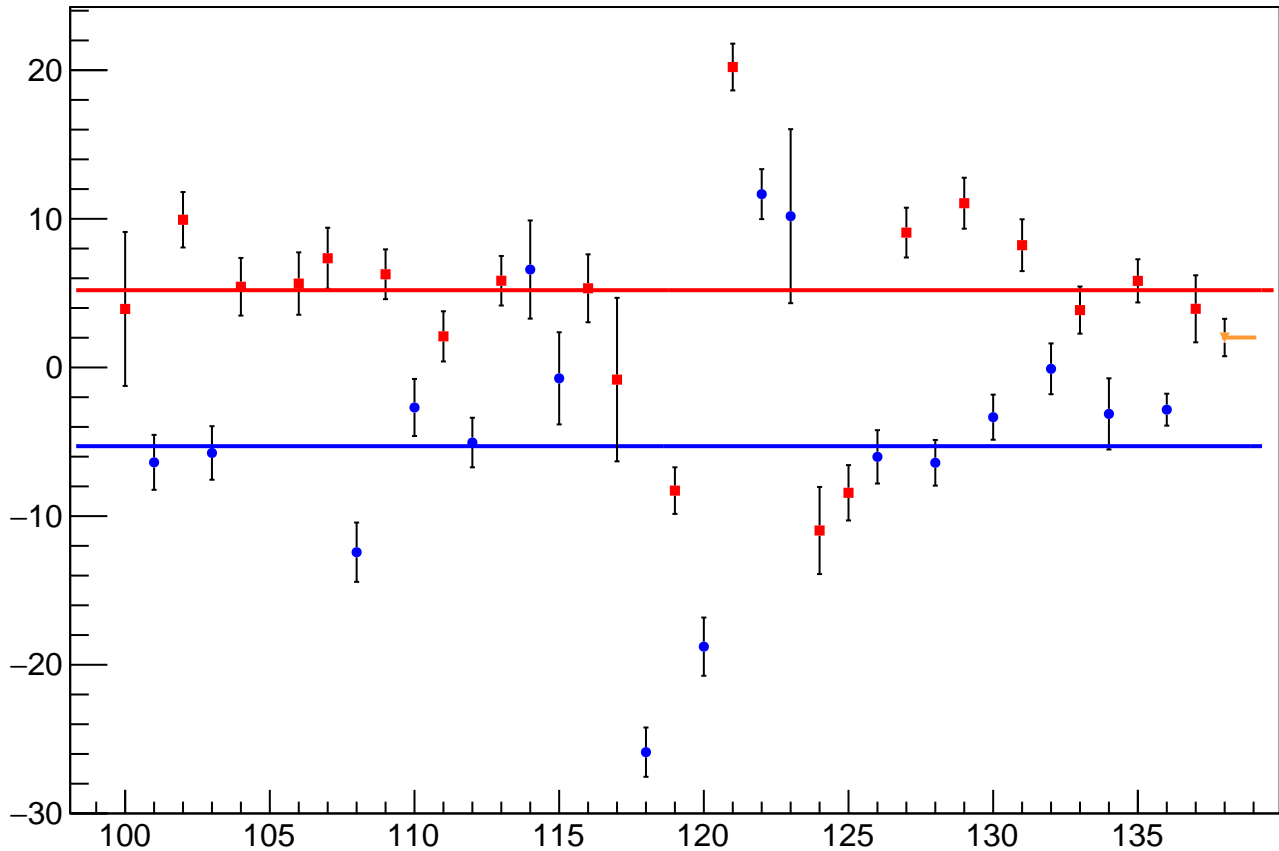
Right Out: 7904.529+/-2.117 χ^2/NDF : 391589.9/19

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

8393.696+/-2.197 χ^2/NDF : 279949.6/17

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

diff_bpm0l09Y_mean vs Slug



Right In: -5.295 ± 0.437 $\chi^2/\text{NDF}: 358.1/16$

Left Out: 2.014 ± 1.258 $\chi^2/\text{NDF}: 0.0/0$

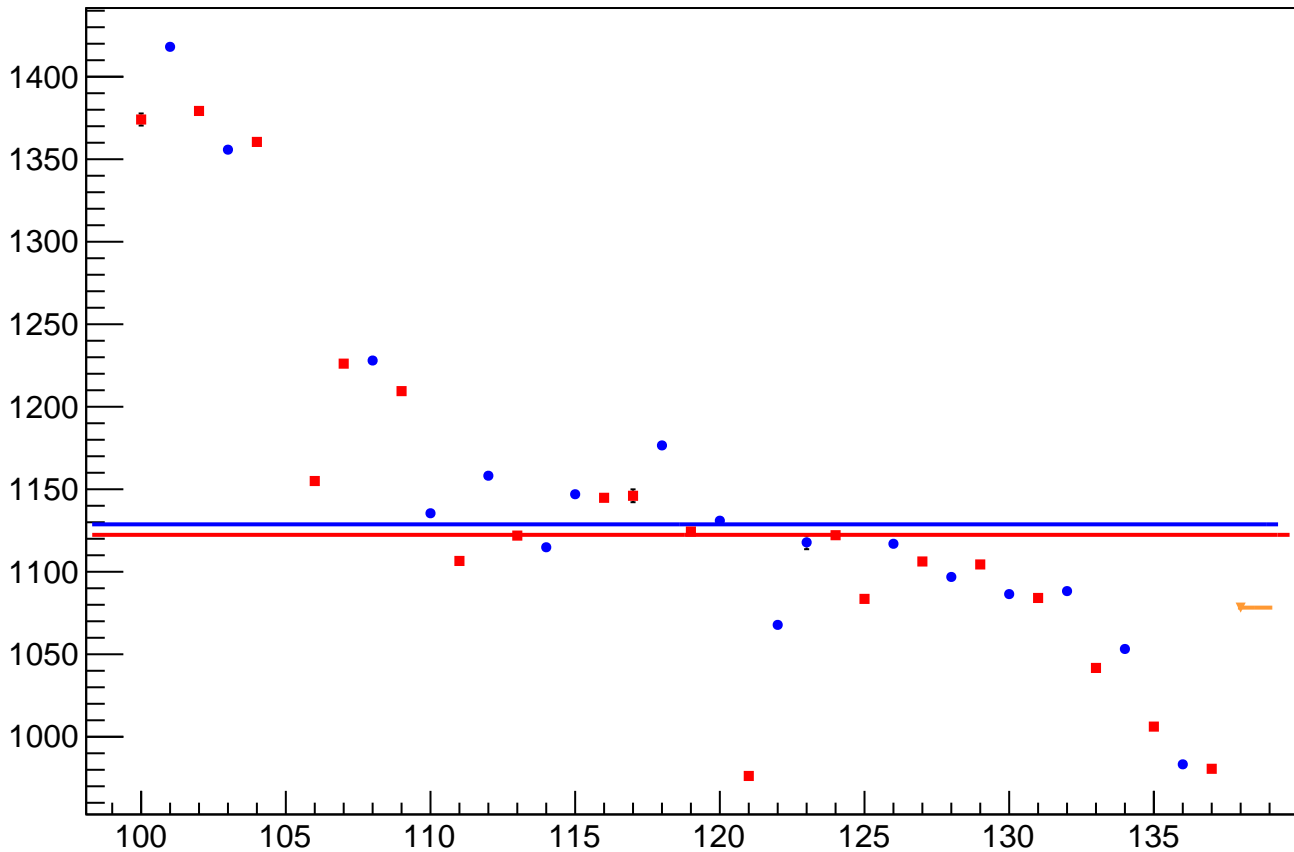
Right Out: 5.198 ± 0.420 $\chi^2/\text{NDF}: 283.1/19$

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

-4.509 ± 0.413 $\chi^2/\text{NDF}: 388.3/17$

5.198 ± 0.420 $\chi^2/\text{NDF}: 283.1/19$

diff_bpm0l09Y_rms vs Slug



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

Left Out: 1078.273 \pm 0.890 χ^2 /NDF:0.0/0

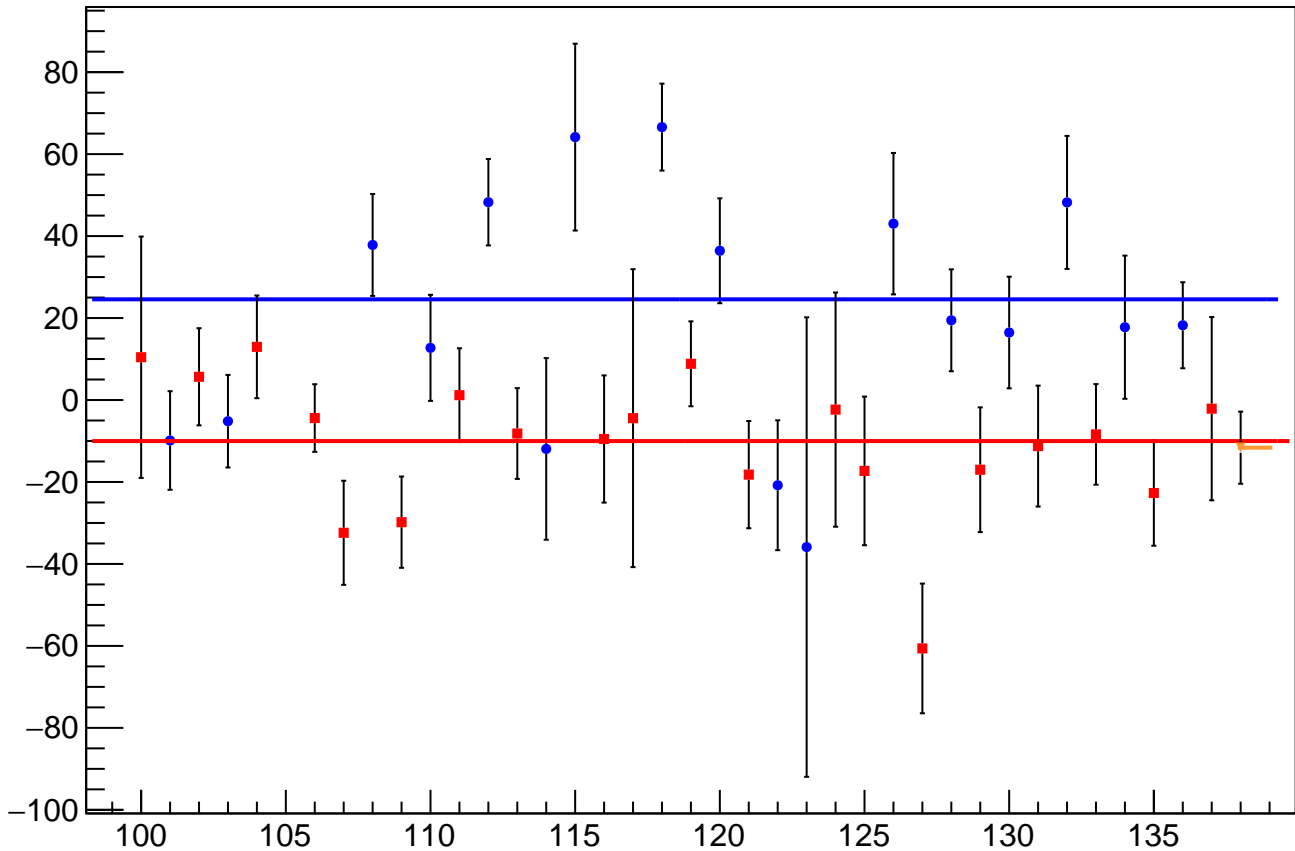
Right Out: 1122.377 \pm 0.297 χ^2 /NDF: 129638.9/19

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

1123.310 \pm 0.292 χ^2 /NDF: 135969.1/17

1122.377 \pm 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: -11.632+/-8.799 χ^2 /NDF: 0.0/0

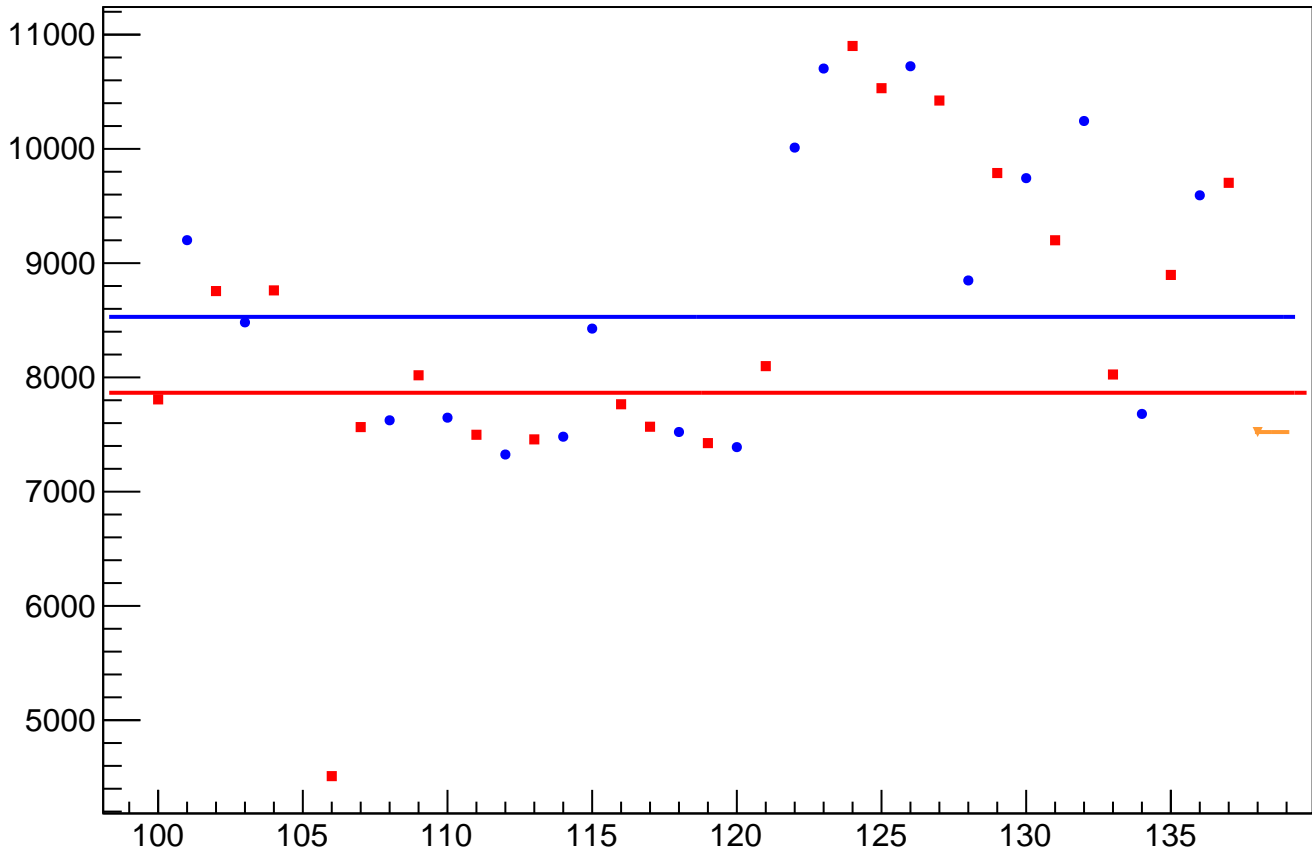
Right Out: -10.019+/-2.997 χ^2 /NDF: 28.8/19

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

20.061+/-3.105 χ^2 /NDF: 72.9/17

-10.019+/-2.997 χ^2 /NDF: 28.8/19

diff_bpm0l10X_rms vs Slug



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

Left Out: 7521.735+/-6.222 χ^2/NDF : 0.0/0

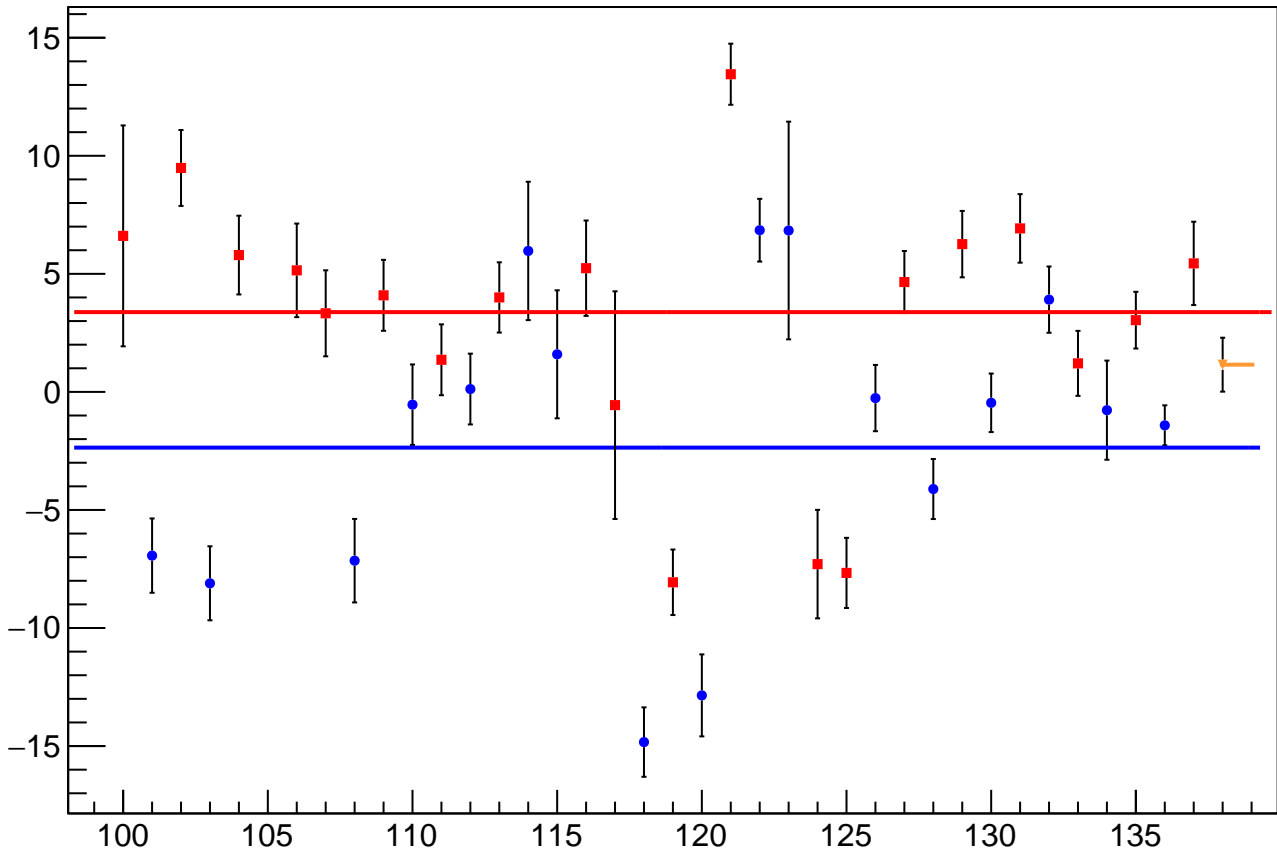
Right Out: 7865.549+/-2.119 χ^2/NDF : 555976.4/19

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

8404.295+/-2.195 χ^2/NDF : 231319.3/17

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

diff_bpm0l10Y_mean vs Slug



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

Left Out: 1.153 ± 1.142 χ^2/NDF : 0.0/0

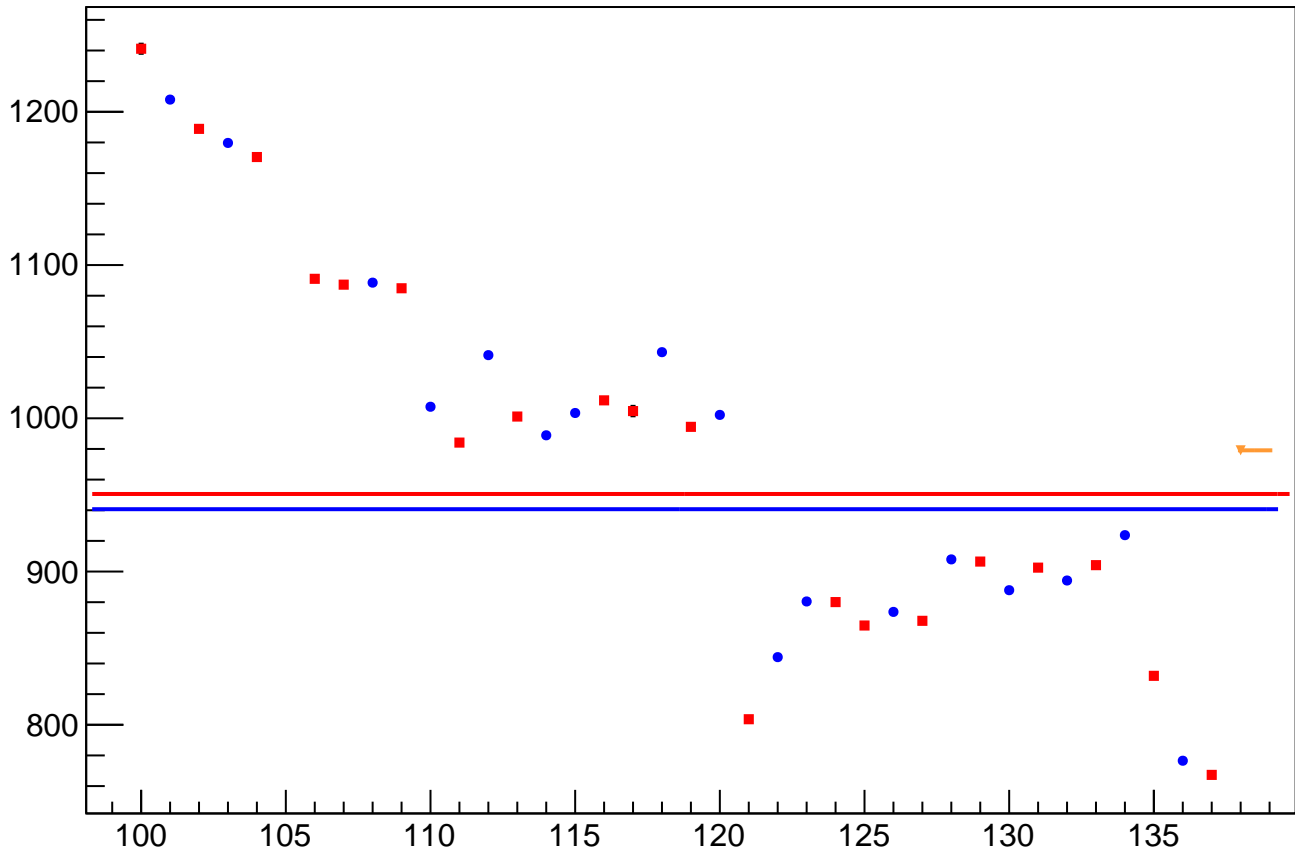
Right Out: 3.379 ± 0.357 χ^2/NDF : 242.1/19

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

-2.034 ± 0.348 χ^2/NDF : 240.6/17

3.379 ± 0.357 χ^2/NDF : 242.1/19

diff_bpm0l10Y_rms vs Slug



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

Left Out: 979.099 \pm 0.808 χ^2 /NDF:0.0/0

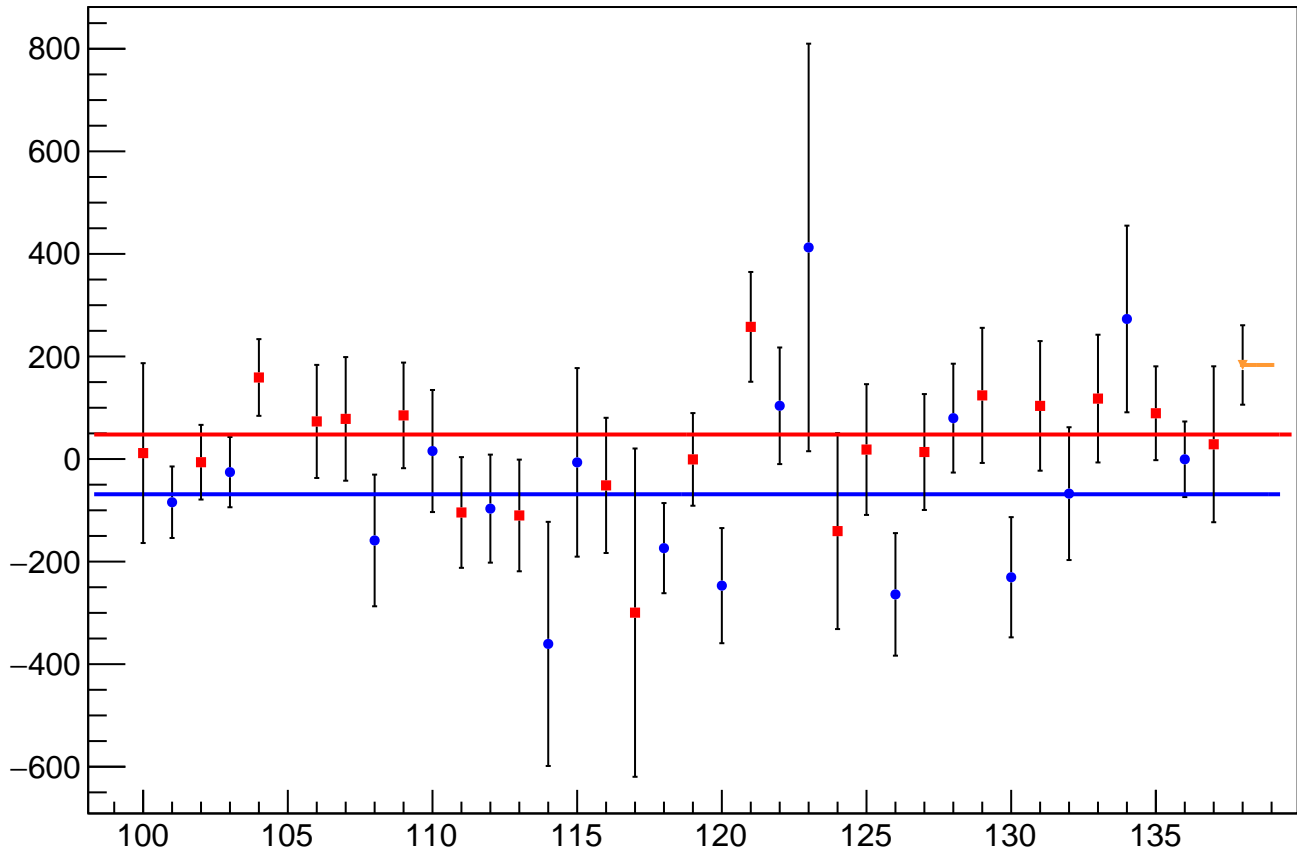
944.253 \pm 0.246 χ^2 /NDF: 243821.0/17

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

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

diff_bpm0r03X_mean vs Slug



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

Left Out: 183.414+/-77.463 χ^2 /NDF:0.0/0

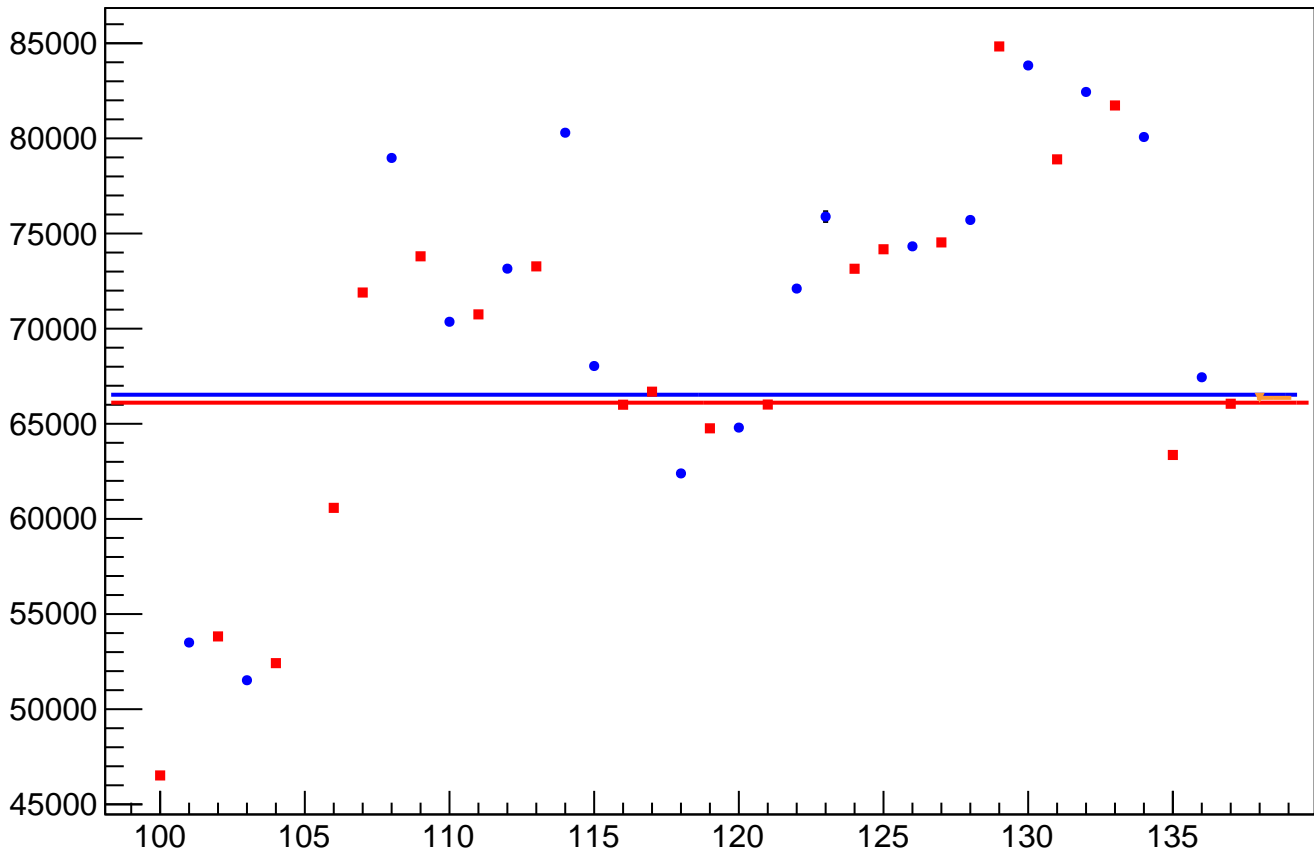
Right Out: 47.835+/-24.944 χ^2 /NDF: 15.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-43.258+/-24.603 χ^2 /NDF: 31.3/17

47.835+/-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: 66363.490+/-54.774 χ^2/NDF : 0.0/0

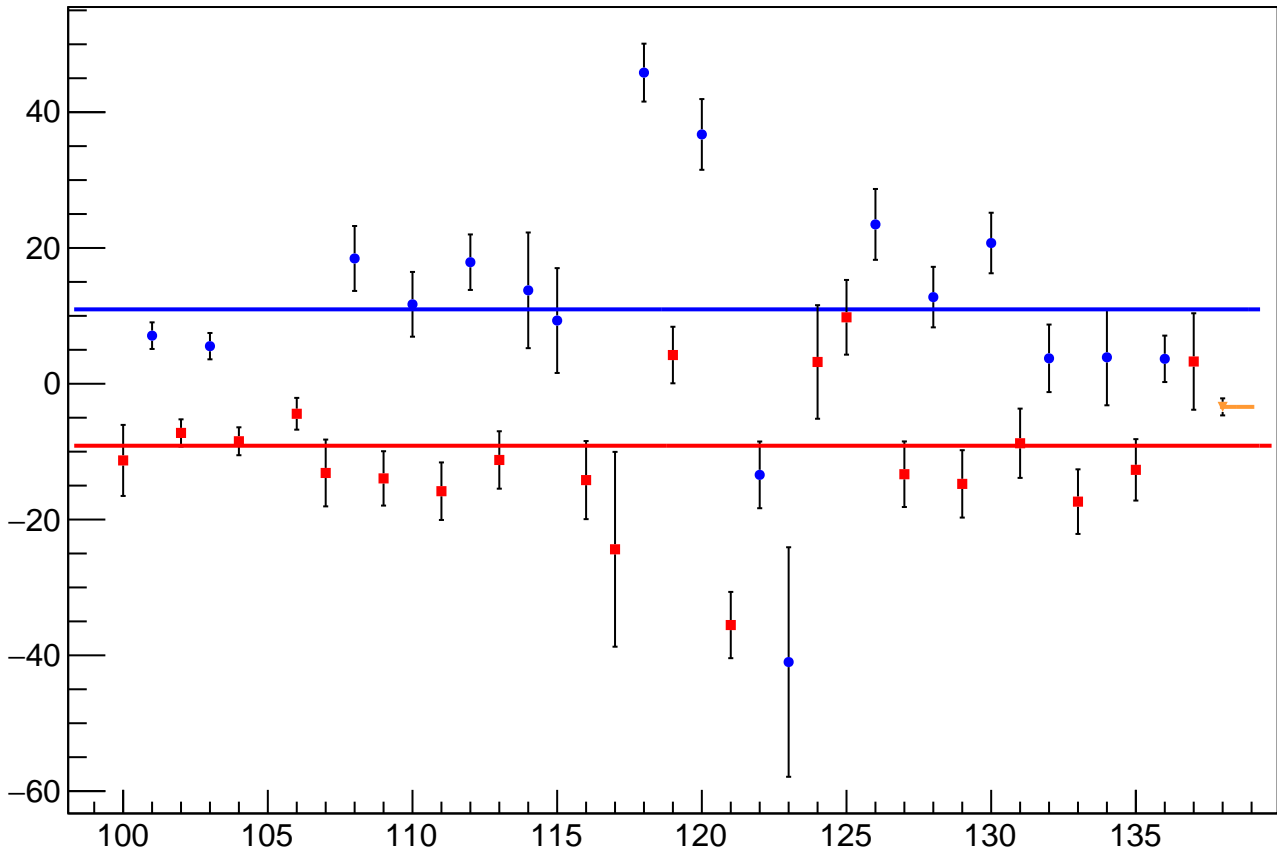
Right Out: 66109.383+/-17.638 χ^2/NDF : 298491.9/19

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

66510.732+/-17.397 χ^2/NDF : 320895.3/17

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

diff_bpm0r03Y_mean vs Slug



Right In: 10.958 ± 0.943 $\chi^2/\text{NDF}: 160.9/16$

Left Out: -3.405 ± 1.256 $\chi^2/\text{NDF}: 0.0/0$

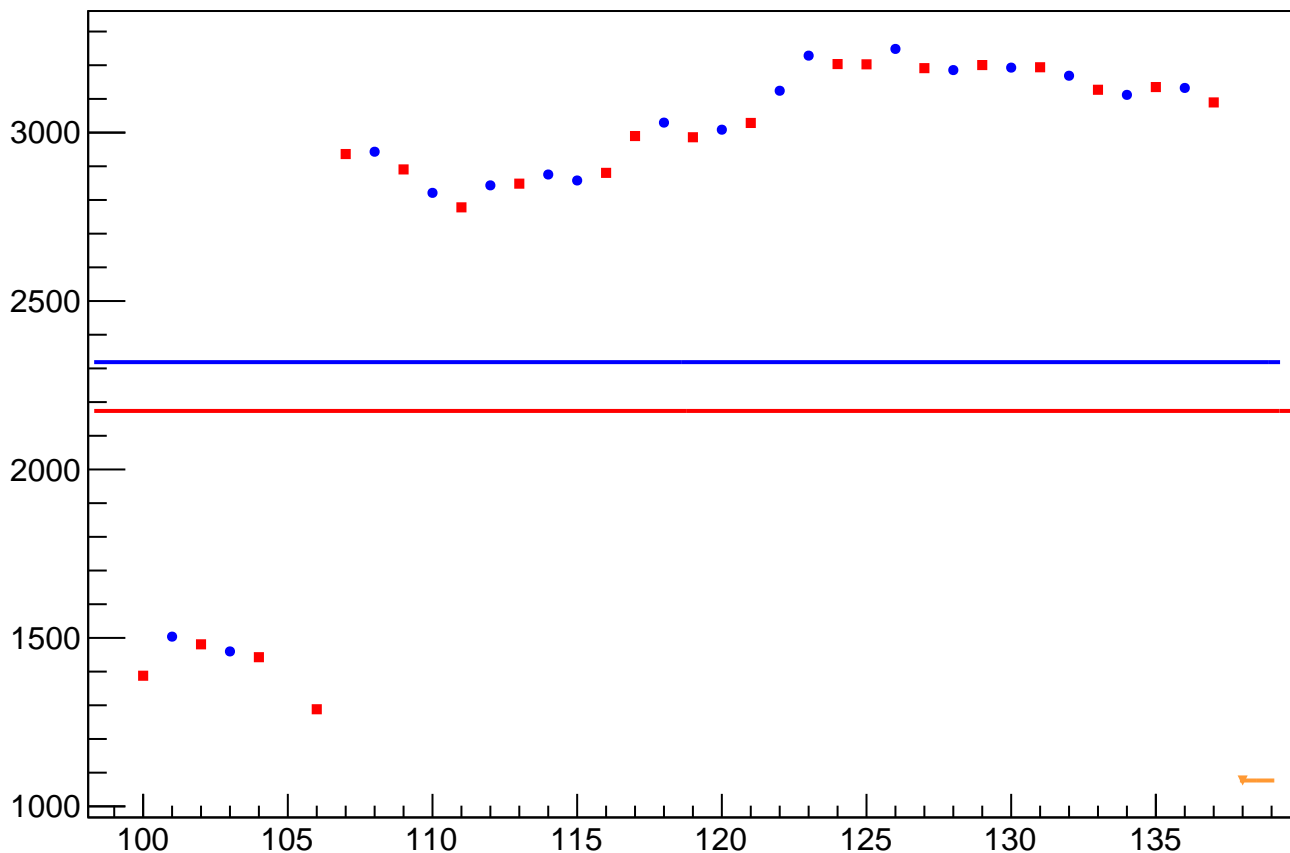
Right Out: -9.127 ± 0.865 $\chi^2/\text{NDF}: 74.2/19$

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

5.779 ± 0.754 $\chi^2/\text{NDF}: 244.5/17$

-9.127 ± 0.865 $\chi^2/\text{NDF}: 74.2/19$

diff_bpm0r03Y_rms vs Slug



Right In: 2318.624+/-0.667 χ^2 /NDF: 1408300.4/16

Left Out: 1076.736+/-0.888 χ^2 /NDF: 0.0/0

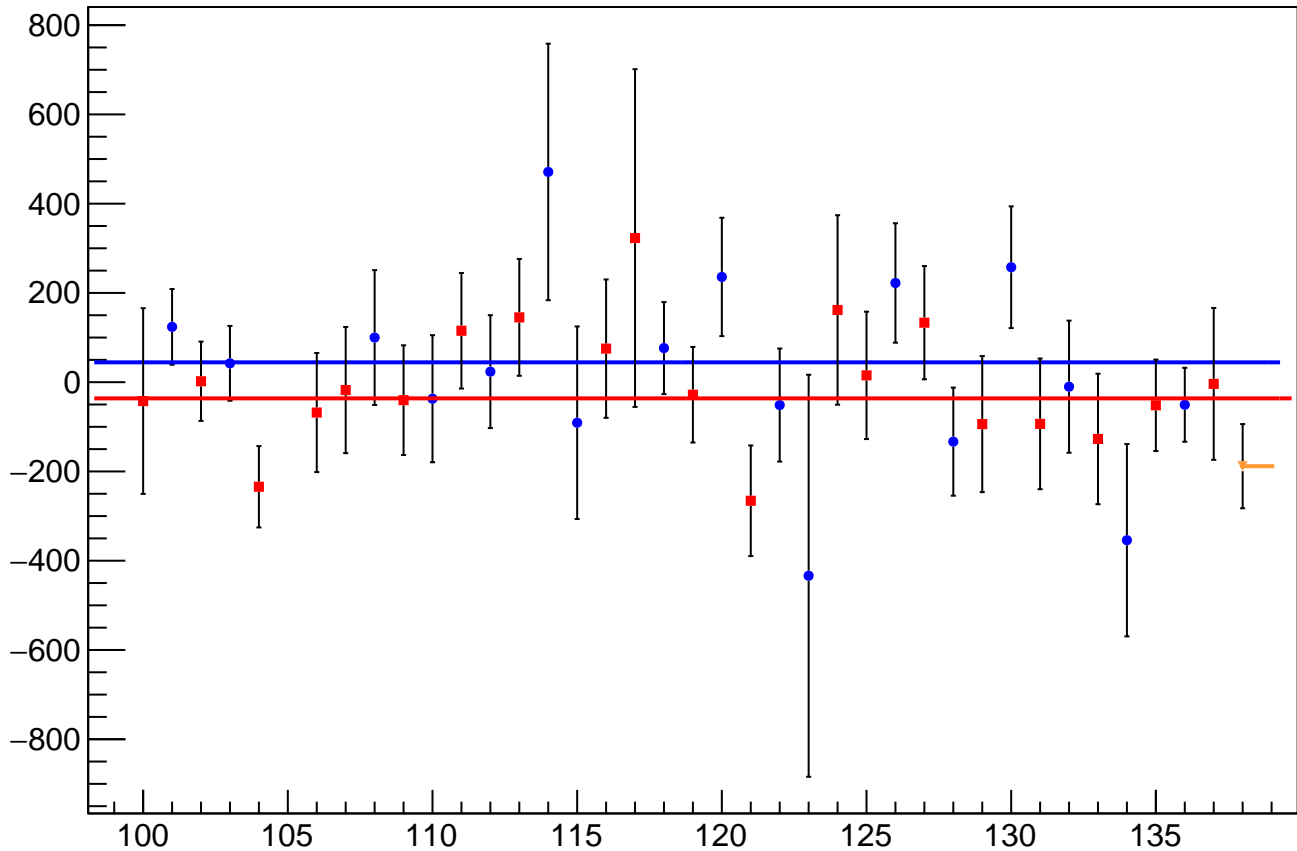
1870.885+/-0.533 χ^2 /NDF: 2658400.6/17

Right Out: 2173.762+/-0.611 χ^2 /NDF: 1760181.2/19

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

2173.762+/-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: -188.189+/-94.303 χ^2 /NDF: 0.0/0

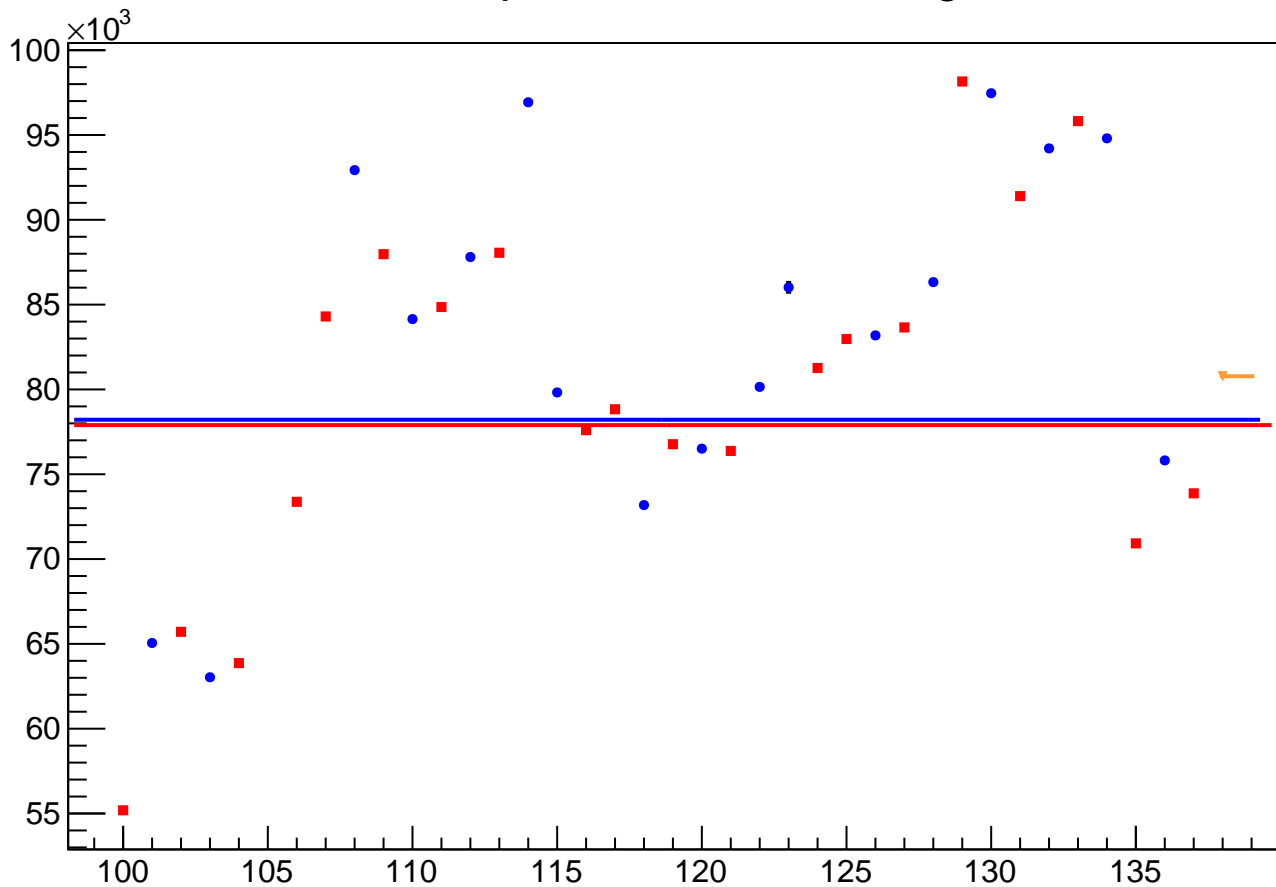
Right Out: -36.251+/-29.346 χ^2 /NDF: 16.7/19

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

22.539+/-28.961 χ^2 /NDF: 24.6/17

-36.251+/-29.346 χ^2 /NDF: 16.7/19

diff_bpm0r05X_rms vs Slug



Right In: 78213.025 \pm 21.519 χ^2 /NDF: 251056.7/16

Left Out: 80777.522 \pm 66.682 χ^2 /NDF: 0.0/0

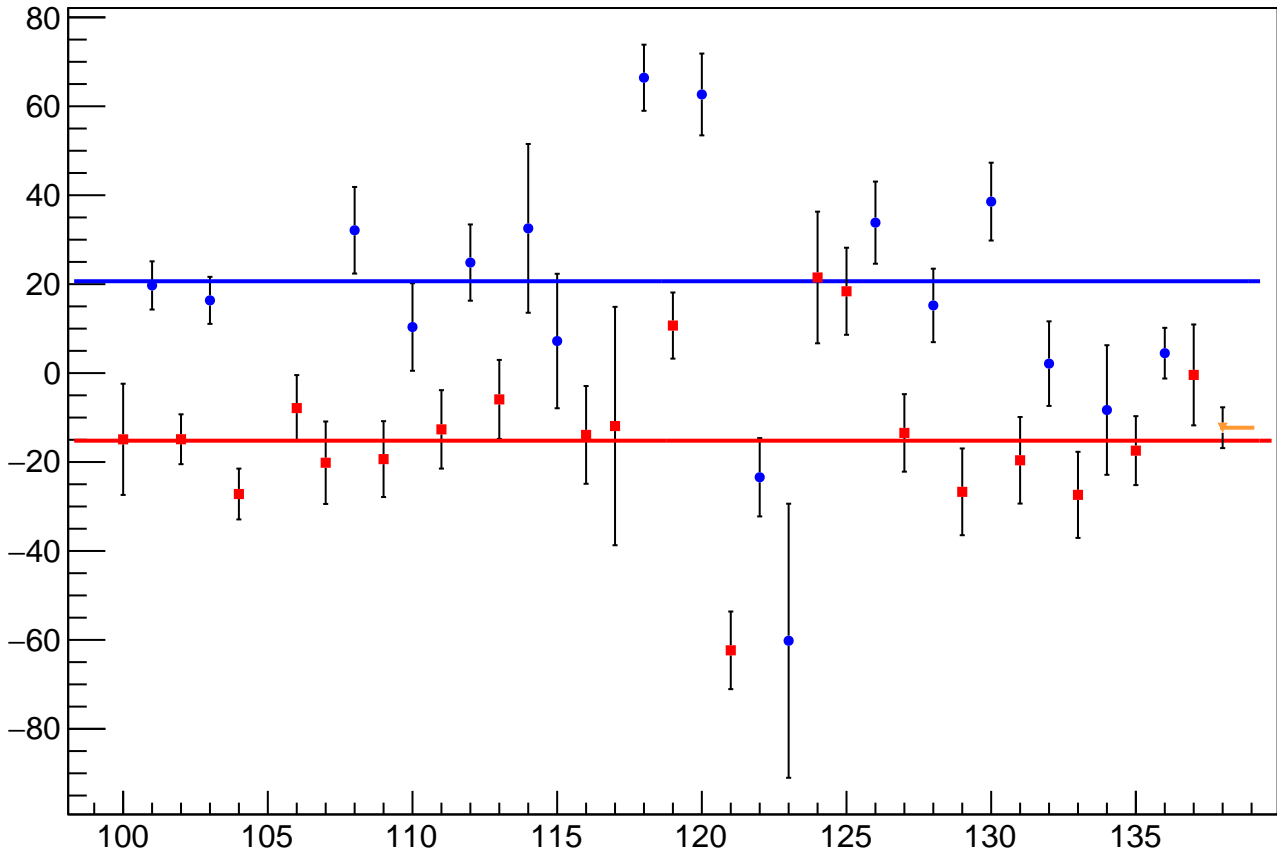
Right Out: 77897.594 \pm 20.751 χ^2 /NDF: 246982.5/19

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

78454.896 \pm 20.479 χ^2 /NDF: 252396.2/17

77897.594 \pm 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: -12.281 \pm 4.588 χ^2 /NDF: 0.0/0

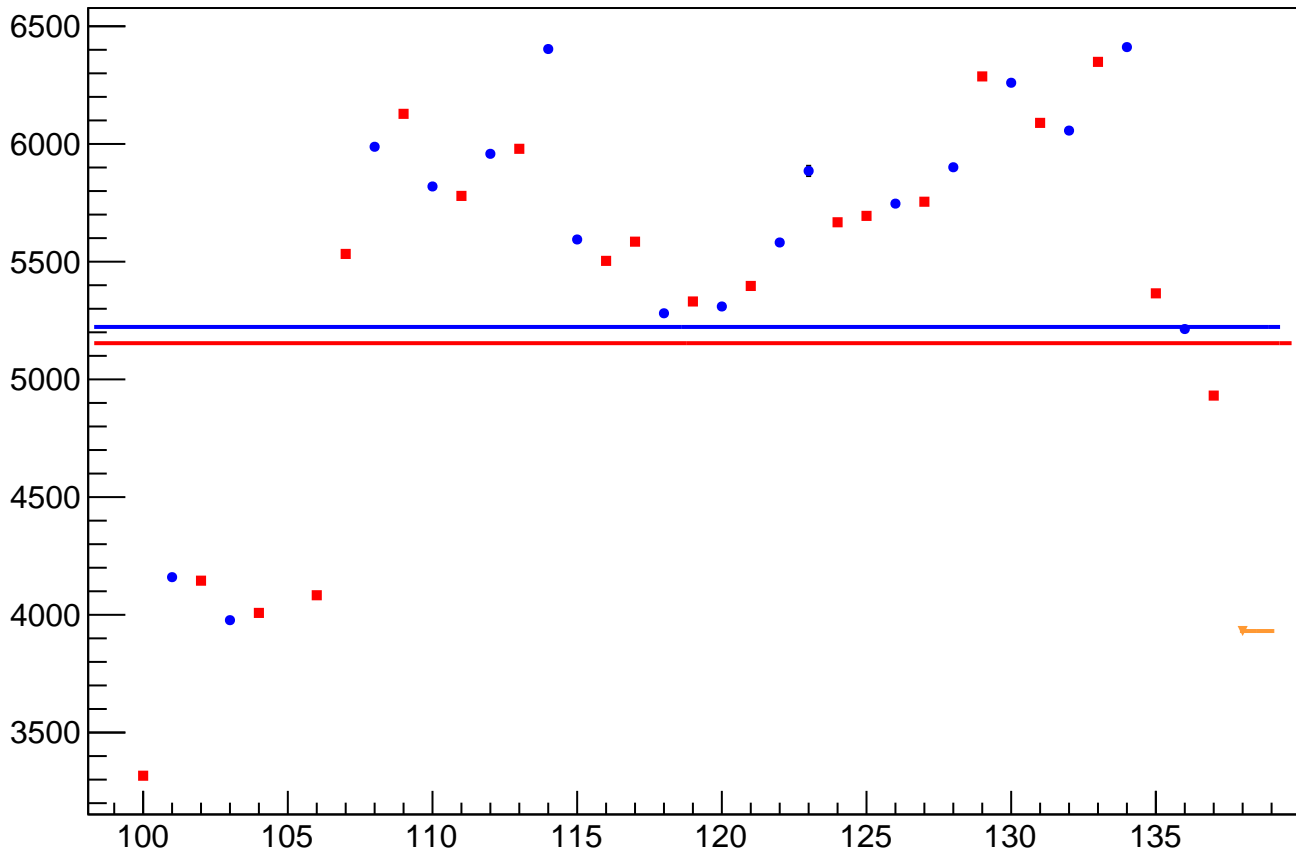
Right Out: -15.198 \pm 1.950 χ^2 /NDF: 71.3/19

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

15.239 \pm 1.861 χ^2 /NDF: 160.8/17

-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: 3931.185+/-3.244 χ^2 /NDF: 0.0/0

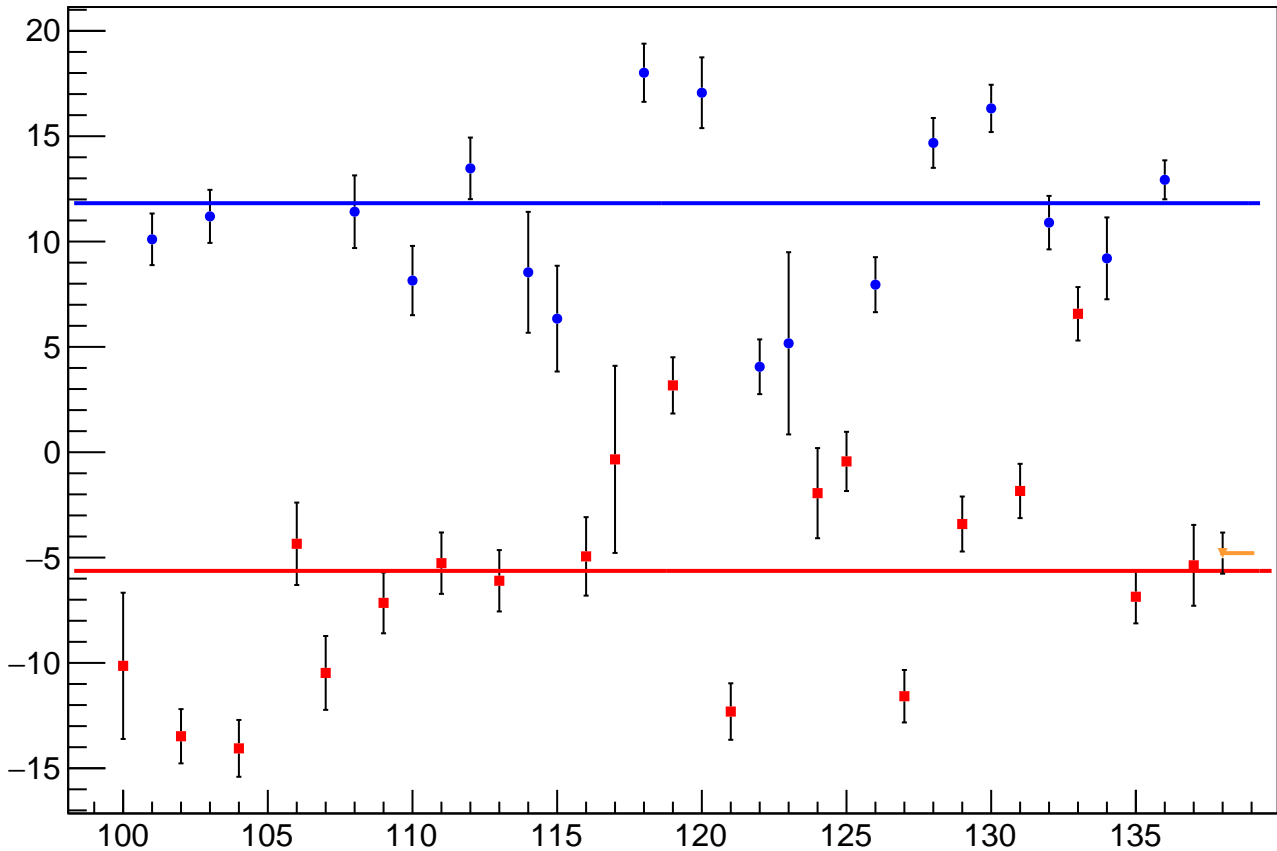
Right Out: 5153.826+/-1.379 χ^2 /NDF: 388205.9/19

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

5010.308+/-1.316 χ^2 /NDF: 444908.7/17

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: -4.788 \pm 0.975 χ^2 /NDF: 0.0/0

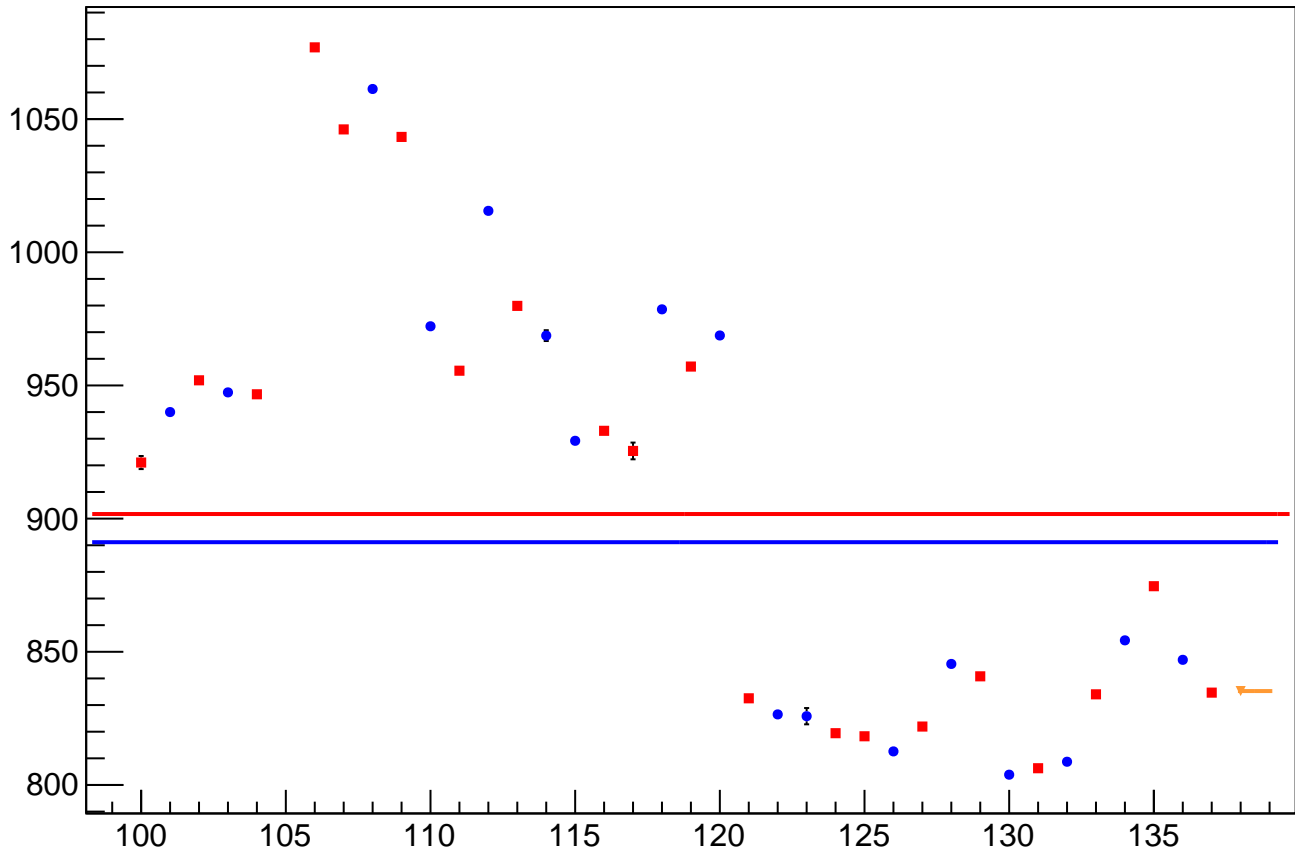
Right Out: -5.632 \pm 0.337 χ^2 /NDF: 301.6/19

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

9.977 \pm 0.325 χ^2 /NDF: 375.1/17

-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: 835.257+/-0.689 χ^2/NDF : 0.0/0

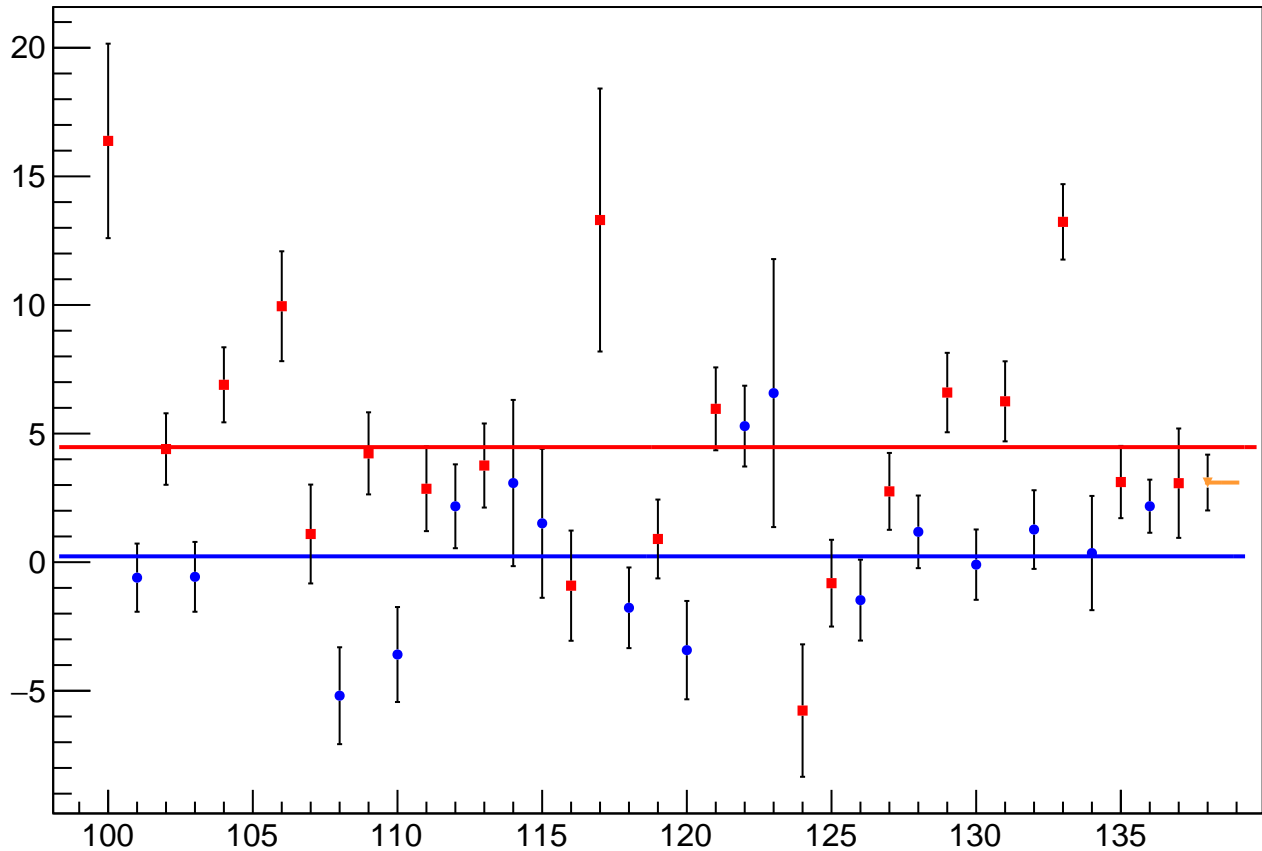
Right Out: 901.725+/-0.239 χ^2/NDF : 114648.1/19

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

884.943+/-0.230 χ^2/NDF : 107504.9/17

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: 3.096+/-1.085 χ^2/NDF : 0.0/0

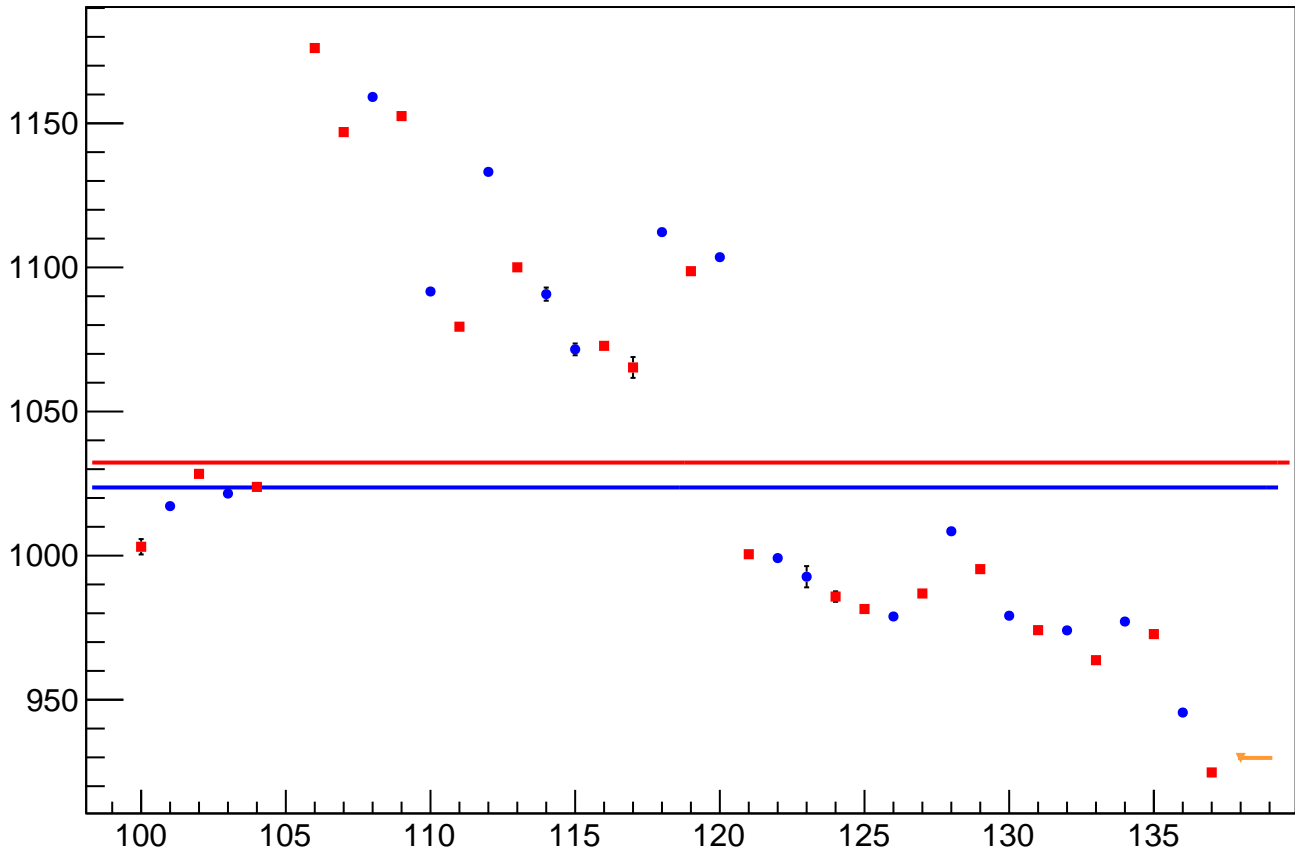
Right Out: 4.473+/-0.386 χ^2/NDF : 106.3/19

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

0.563+/-0.371 χ^2/NDF : 44.7/17

4.473+/-0.386 χ^2/NDF : 106.3/19

diff_bpm2i01Y_rms vs Slug



Right In: 1023.655 \pm 0.279 χ^2 /NDF: 52373.8/16

Left Out: 929.811 \pm 0.767 χ^2 /NDF:0.0/0

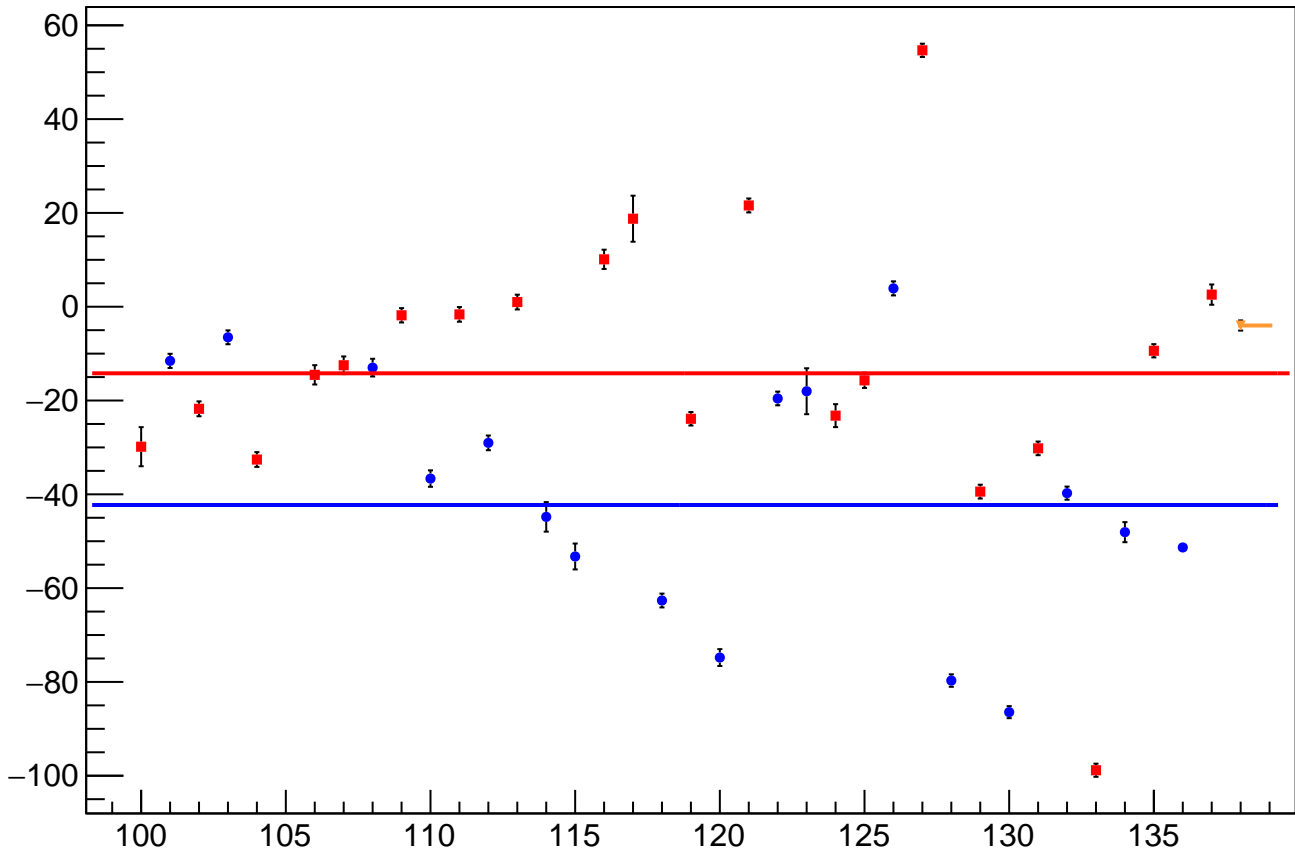
Right Out: 1032.296 \pm 0.273 χ^2 /NDF: 59475.4/19

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

1012.671 \pm 0.262 χ^2 /NDF: 65586.7/17

1032.296 \pm 0.273 χ^2 /NDF: 59475.4/19

diff_bpm2i02X_mean vs Slug



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

Left Out: -4.003 ± 1.083 $\chi^2/\text{NDF}: 0.0/0$

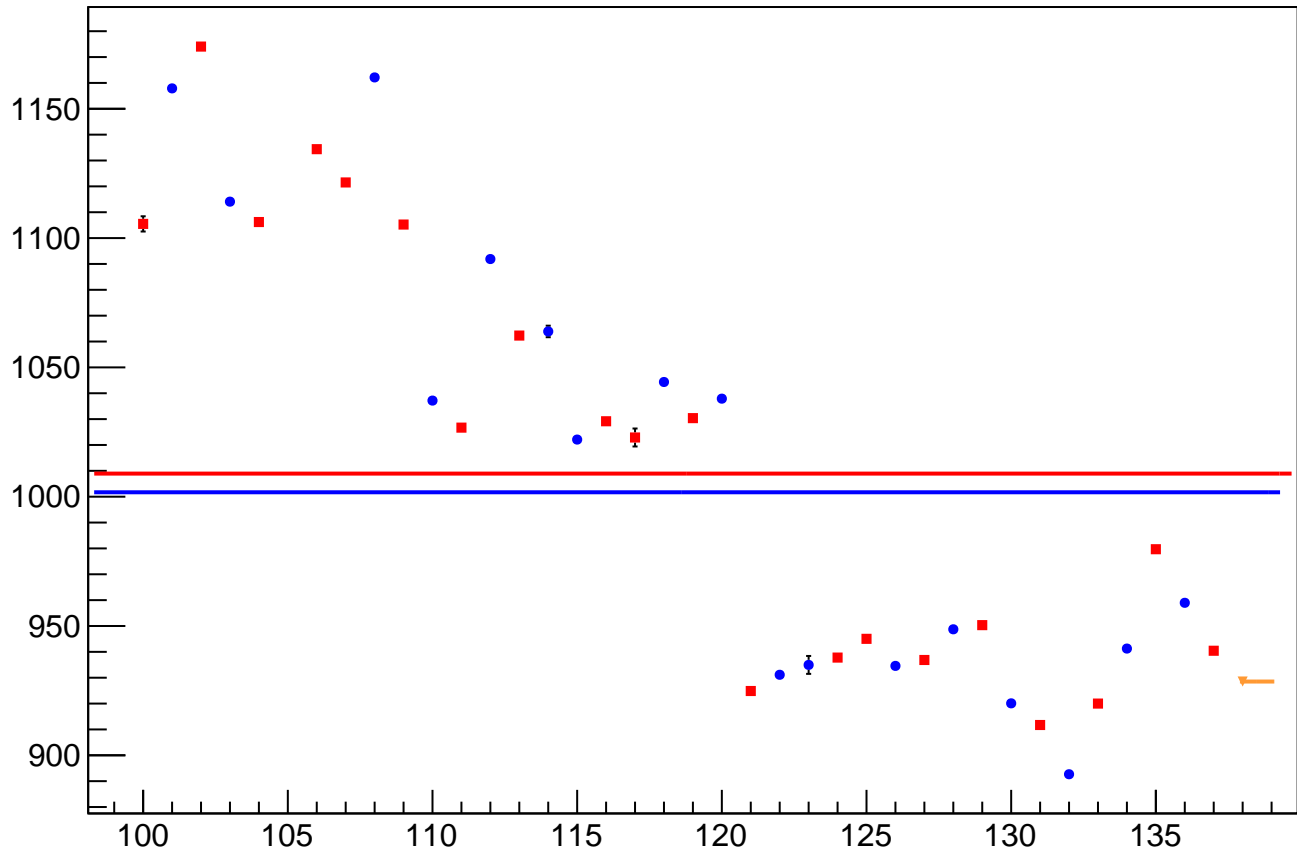
Right Out: -14.197 ± 0.377 $\chi^2/\text{NDF}: 7715.1/19$

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

-37.943 ± 0.365 $\chi^2/\text{NDF}: 6234.1/17$

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

diff_bpm2i02X_rms vs Slug



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

Left Out: 928.522 \pm 0.766 χ^2 /NDF:0.0/0

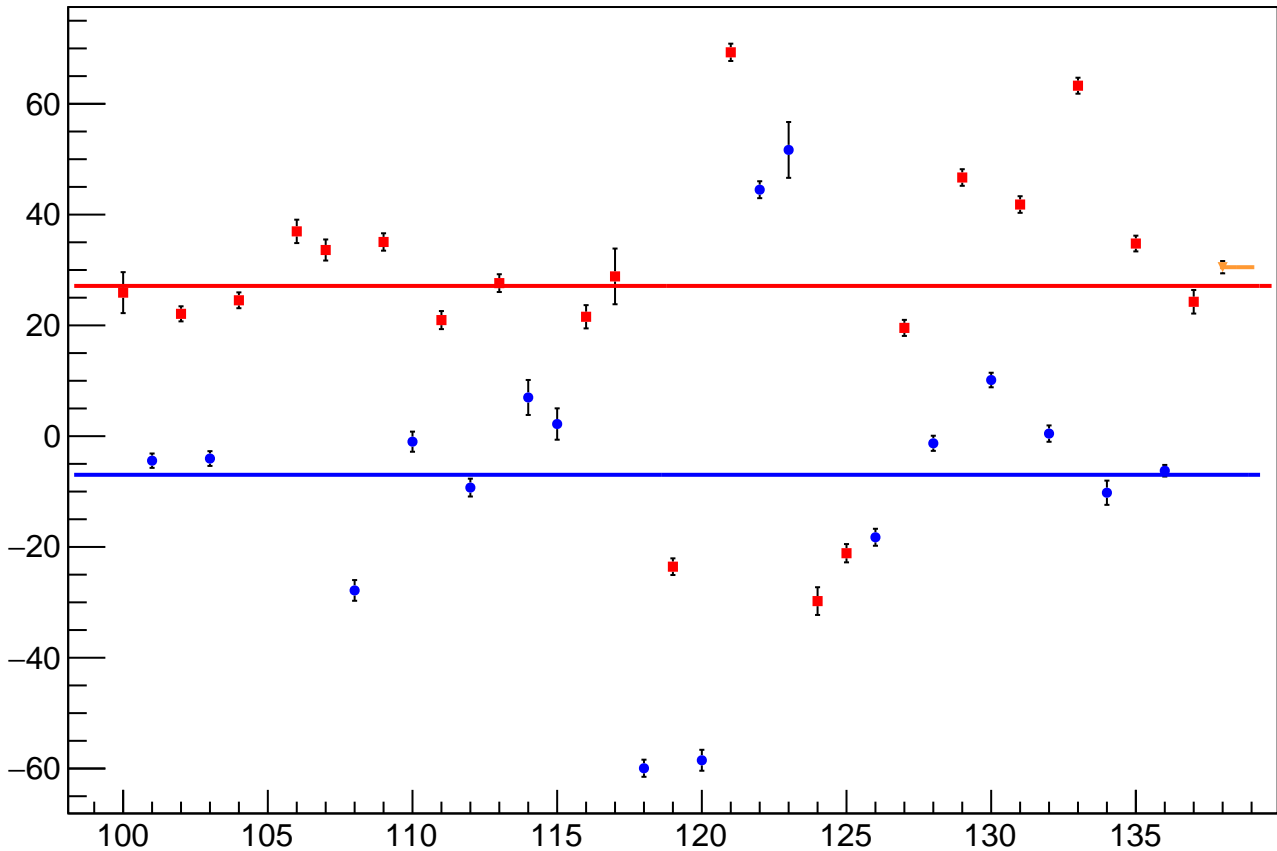
993.416 \pm 0.258 χ^2 /NDF: 103576.1/17

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

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

1008.931 \pm 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: 30.505 ± 1.111 χ^2/NDF : 0.0/0

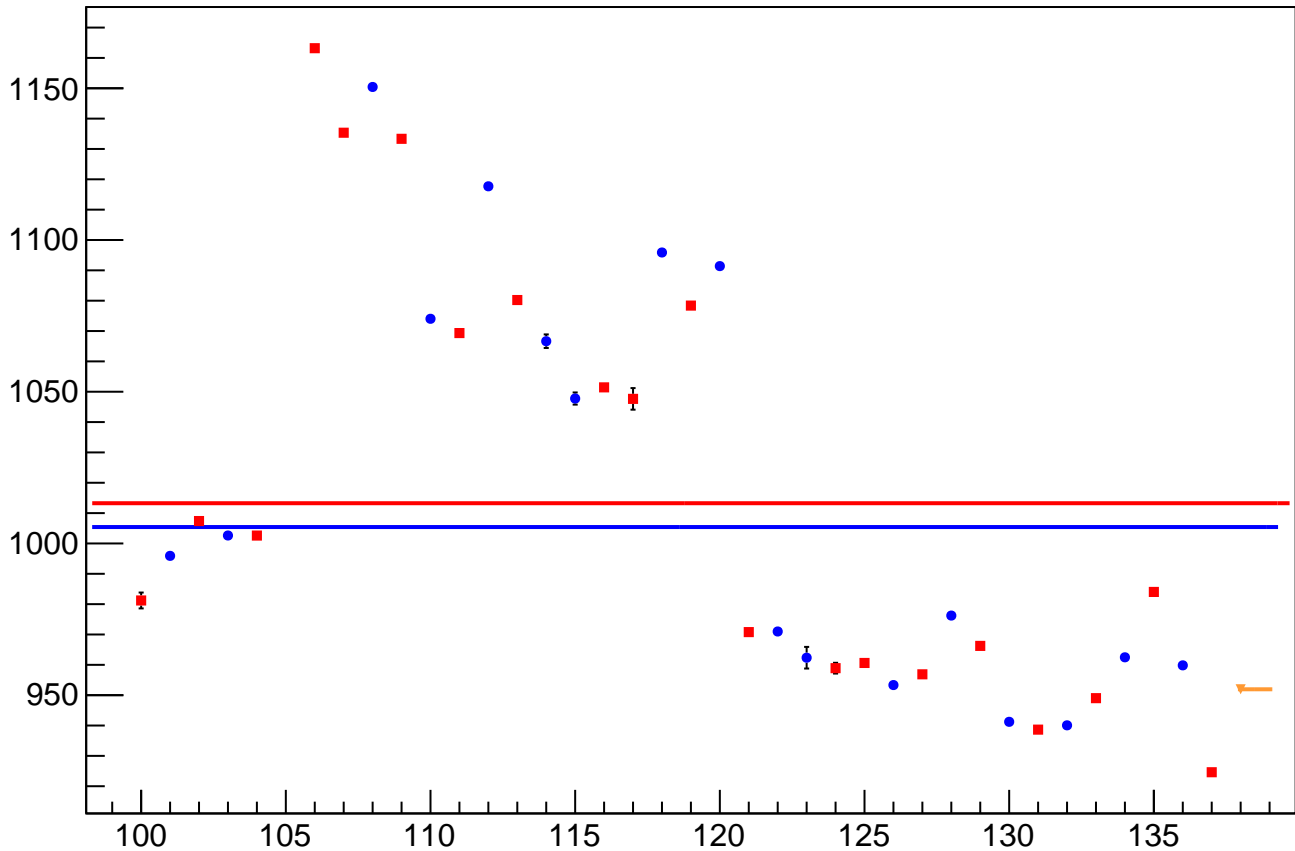
Right Out: 27.125 ± 0.379 χ^2/NDF : 4283.6/19

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

-2.898 ± 0.366 χ^2/NDF : 4652.0/17

27.125 ± 0.379 χ^2/NDF : 4283.6/19

diff_bpm2i02Y_rms vs Slug



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

Left Out: 951.943+/-0.785 χ^2 /NDF:0.0/0

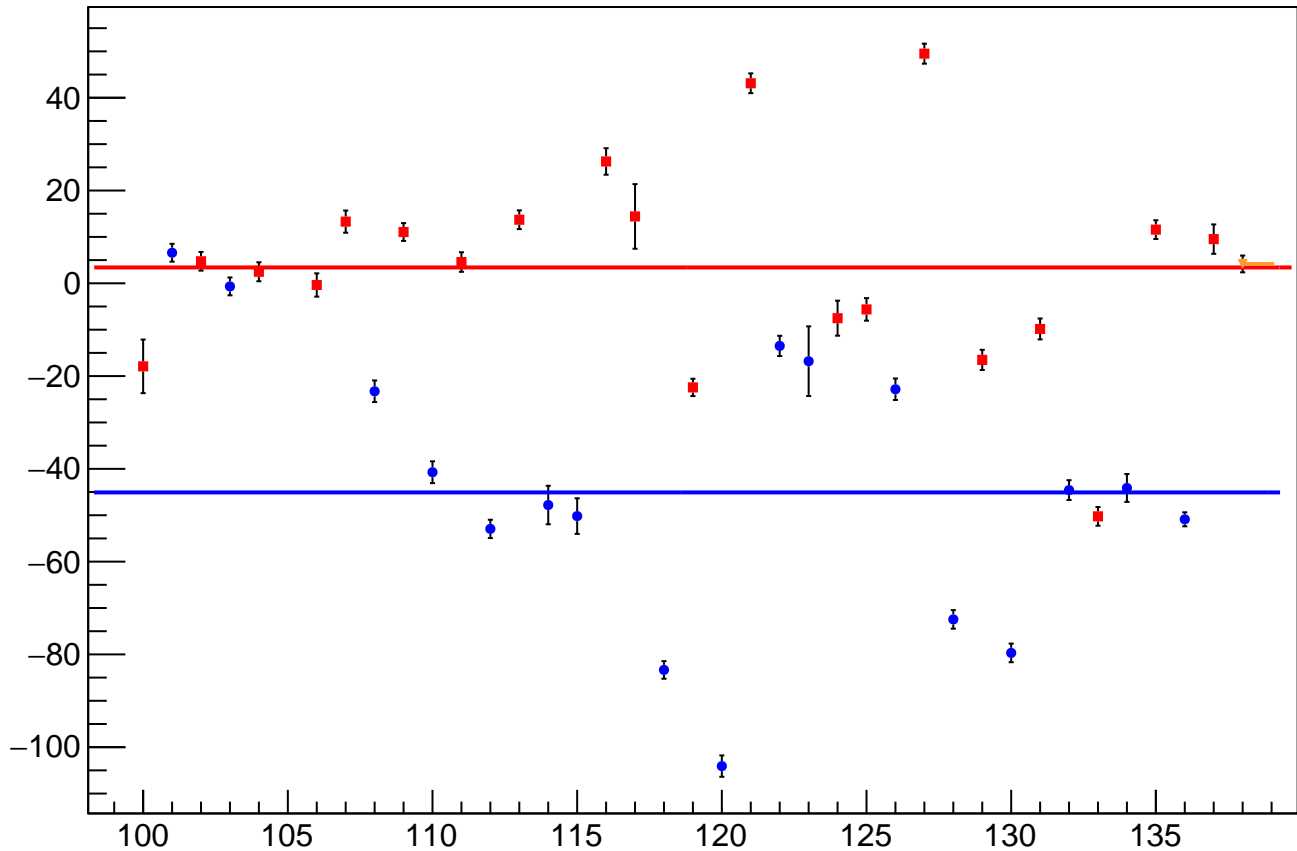
Right Out: 1013.260+/-0.268 χ^2 /NDF: 63359.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

999.594+/-0.259 χ^2 /NDF: 58717.4/17

1013.260+/-0.268 χ^2 /NDF: 63359.8/19

diff_bpm0i02X_mean vs Slug



Right In: -45.081 ± 0.540 $\chi^2/\text{NDF}: 3238.1/16$

Left Out: 4.173 ± 1.808 $\chi^2/\text{NDF}: 0.0/0$

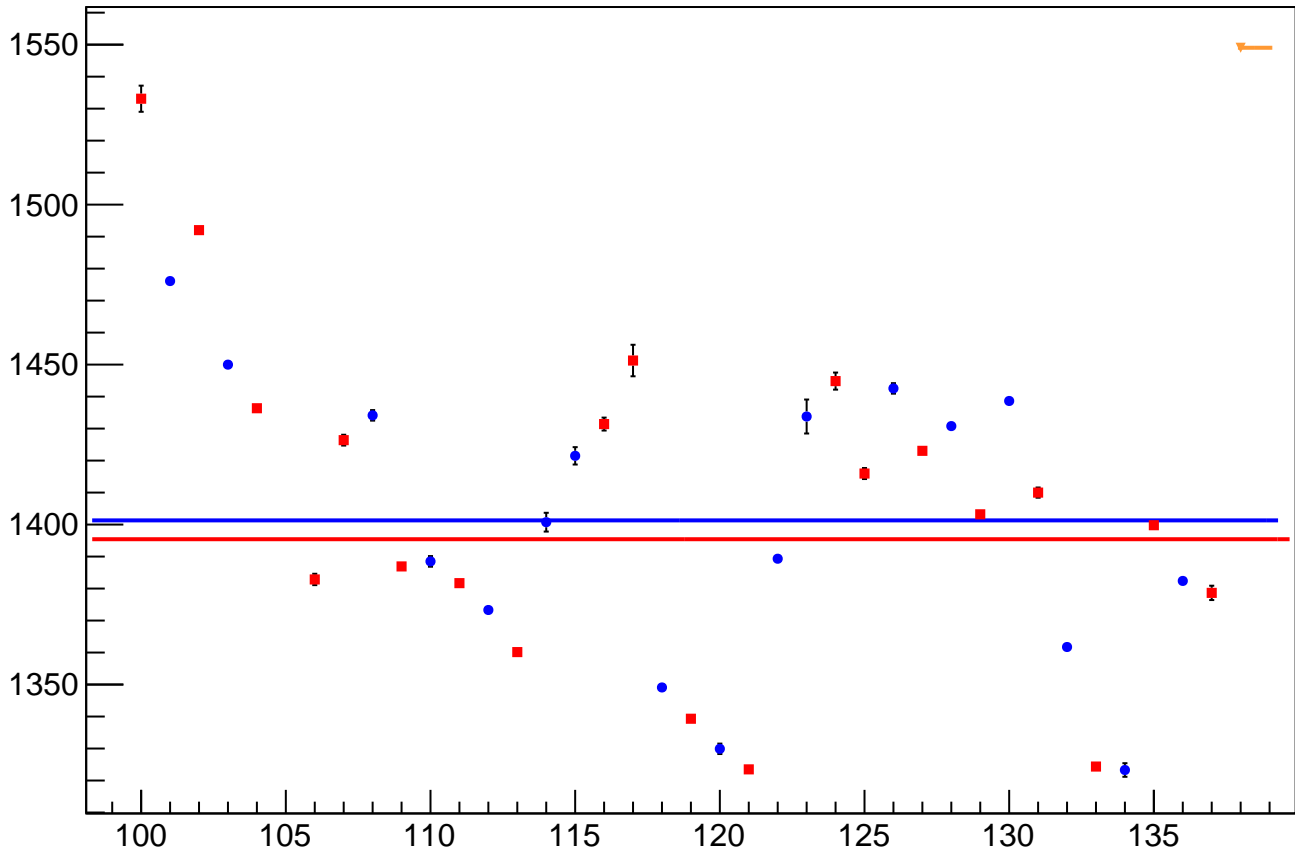
Right Out: 3.419 ± 0.520 $\chi^2/\text{NDF}: 2008.2/19$

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

-41.050 ± 0.517 $\chi^2/\text{NDF}: 3919.7/17$

3.419 ± 0.520 $\chi^2/\text{NDF}: 2008.2/19$

diff_bpm0i02X_rms vs Slug



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

Left Out: 1549.028+/-1.278 χ^2 /NDF:0.0/0

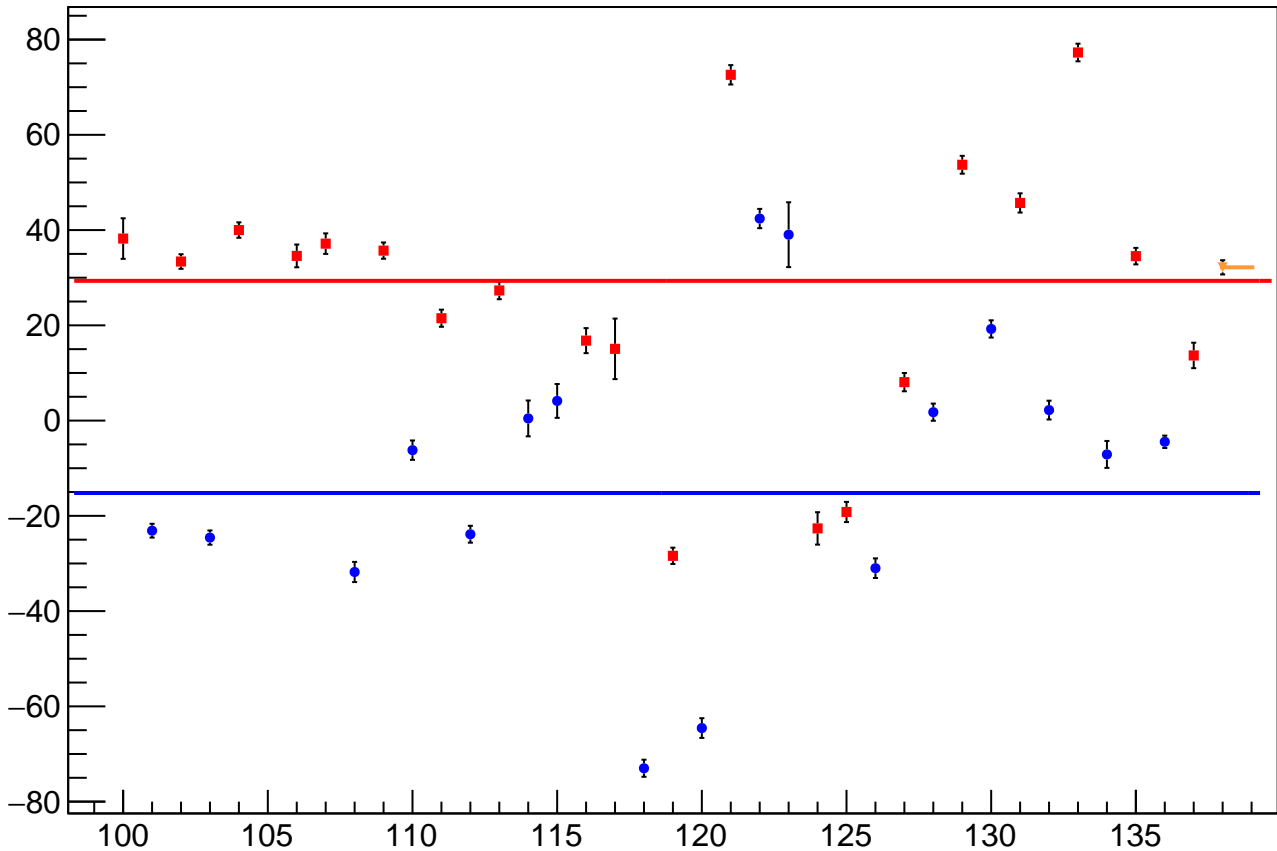
Right Out: 1395.419+/-0.368 χ^2 /NDF: 15649.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1413.397+/-0.366 χ^2 /NDF: 25114.9/17

1395.419+/-0.368 χ^2 /NDF: 15649.3/19

diff_bpm0i02Y_mean vs Slug



Right In: -15.202 ± 0.472 $\chi^2/\text{NDF}: 3362.5/16$

Left Out: 32.178 ± 1.499 $\chi^2/\text{NDF}: 0.0/0$

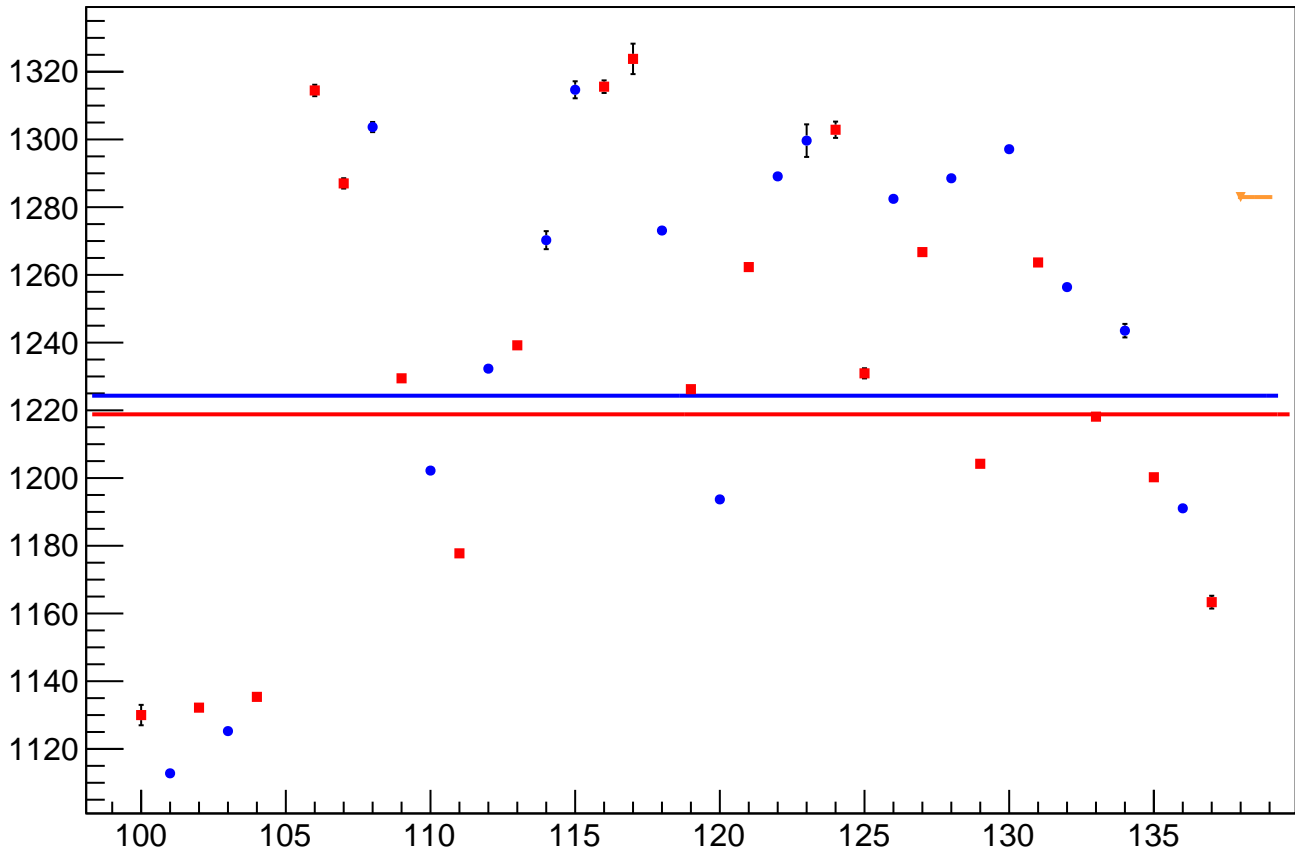
Right Out: 29.344 ± 0.455 $\chi^2/\text{NDF}: 3549.9/19$

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

-10.924 ± 0.450 $\chi^2/\text{NDF}: 4271.9/17$

29.344 ± 0.455 $\chi^2/\text{NDF}: 3549.9/19$

diff_bpm0i02Y_rms vs Slug



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

Left Out: 1282.980+/-1.060 χ^2 /NDF:0.0/0

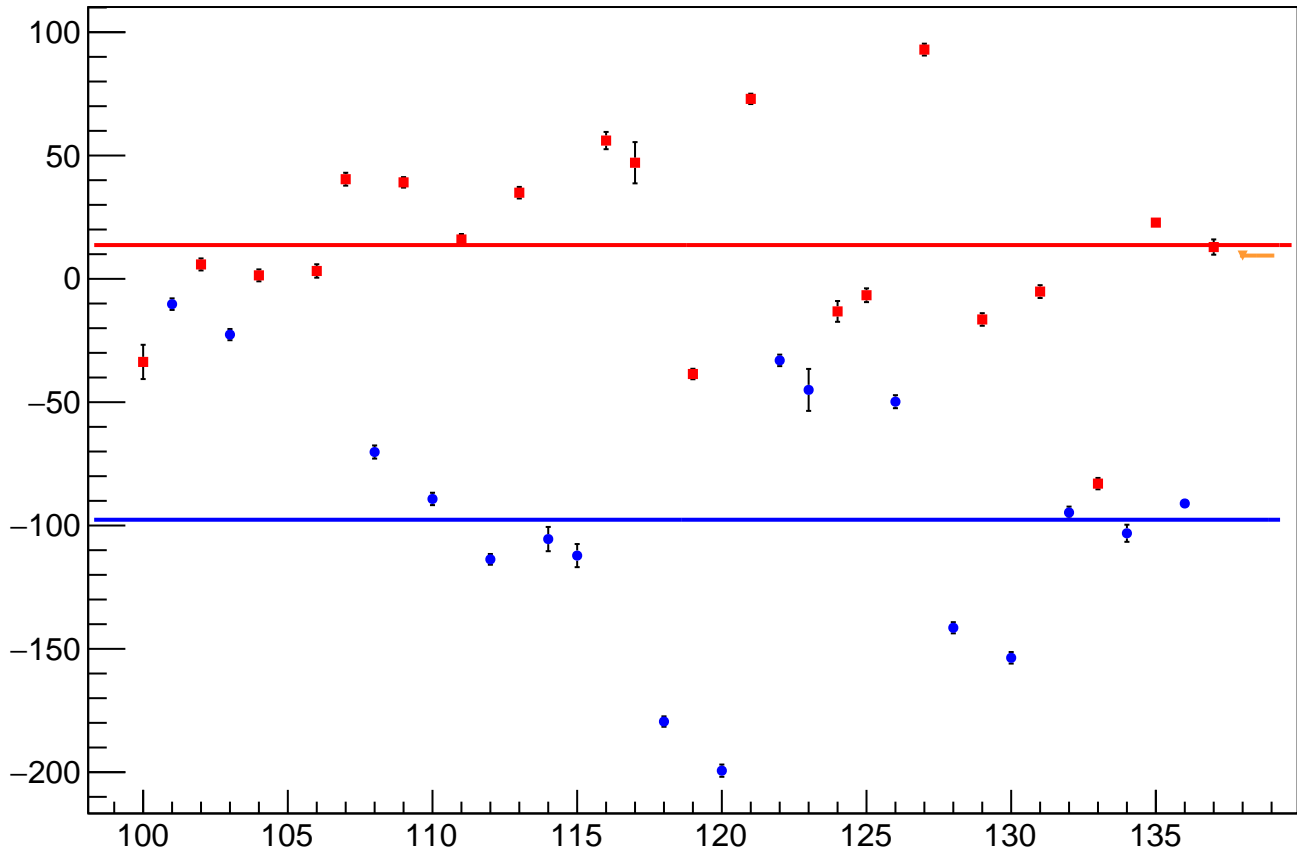
Right Out: 1218.817+/-0.322 χ^2 /NDF: 28121.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1229.616+/-0.318 χ^2 /NDF: 41566.0/17

1218.817+/-0.322 χ^2 /NDF: 28121.5/19

diff_bpm0i02aX_mean vs Slug



Right In: -97.657 ± 0.601 $\chi^2/\text{NDF}: 7936.6/16$

Left Out: 9.441 ± 1.881 $\chi^2/\text{NDF}: 0.0/0$

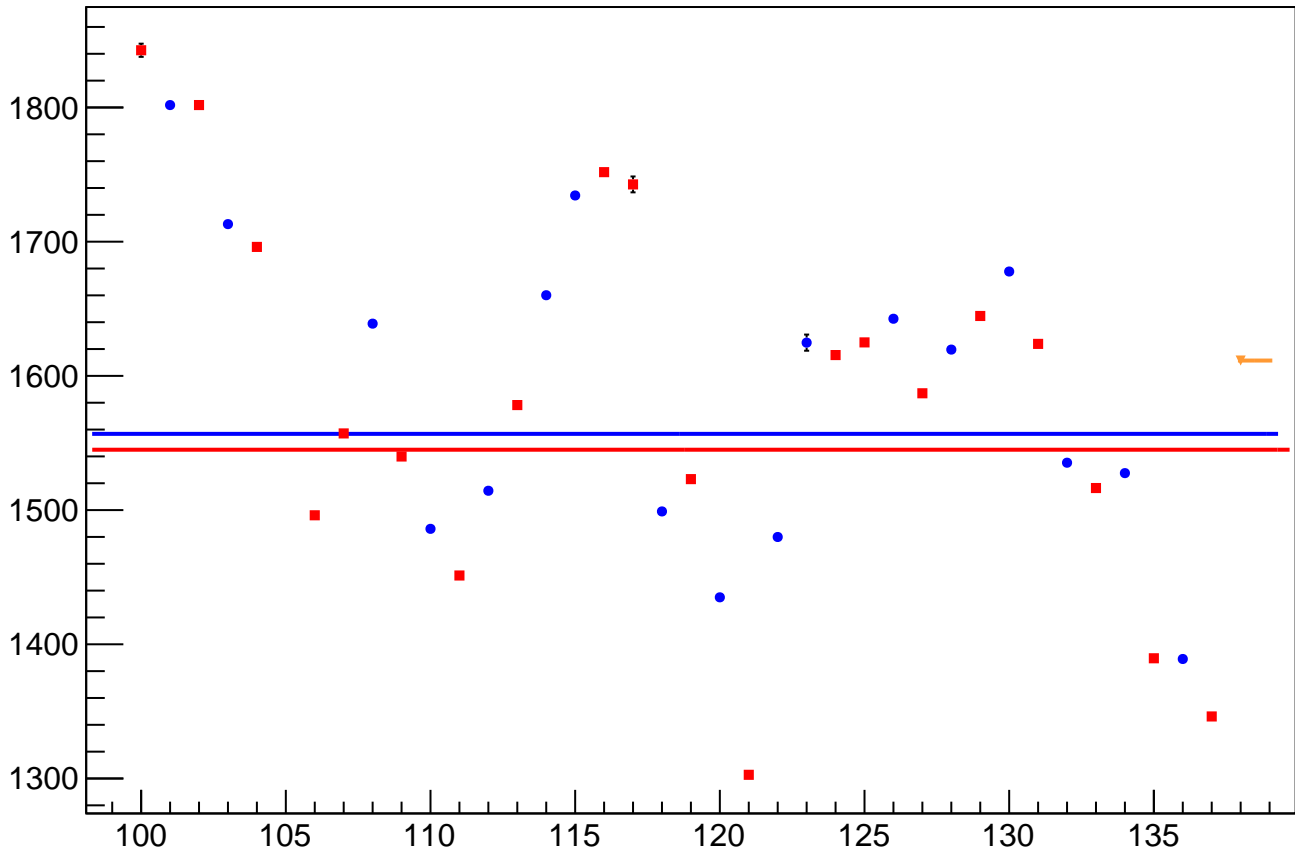
Right Out: 13.698 ± 0.578 $\chi^2/\text{NDF}: 5144.2/19$

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

-87.727 ± 0.573 $\chi^2/\text{NDF}: 10877.8/17$

13.698 ± 0.578 $\chi^2/\text{NDF}: 5144.2/19$

diff_bpm0i02aX_rms vs Slug



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

Left Out: 1611.430 \pm 1.330 χ^2 /NDF: 0.0/0

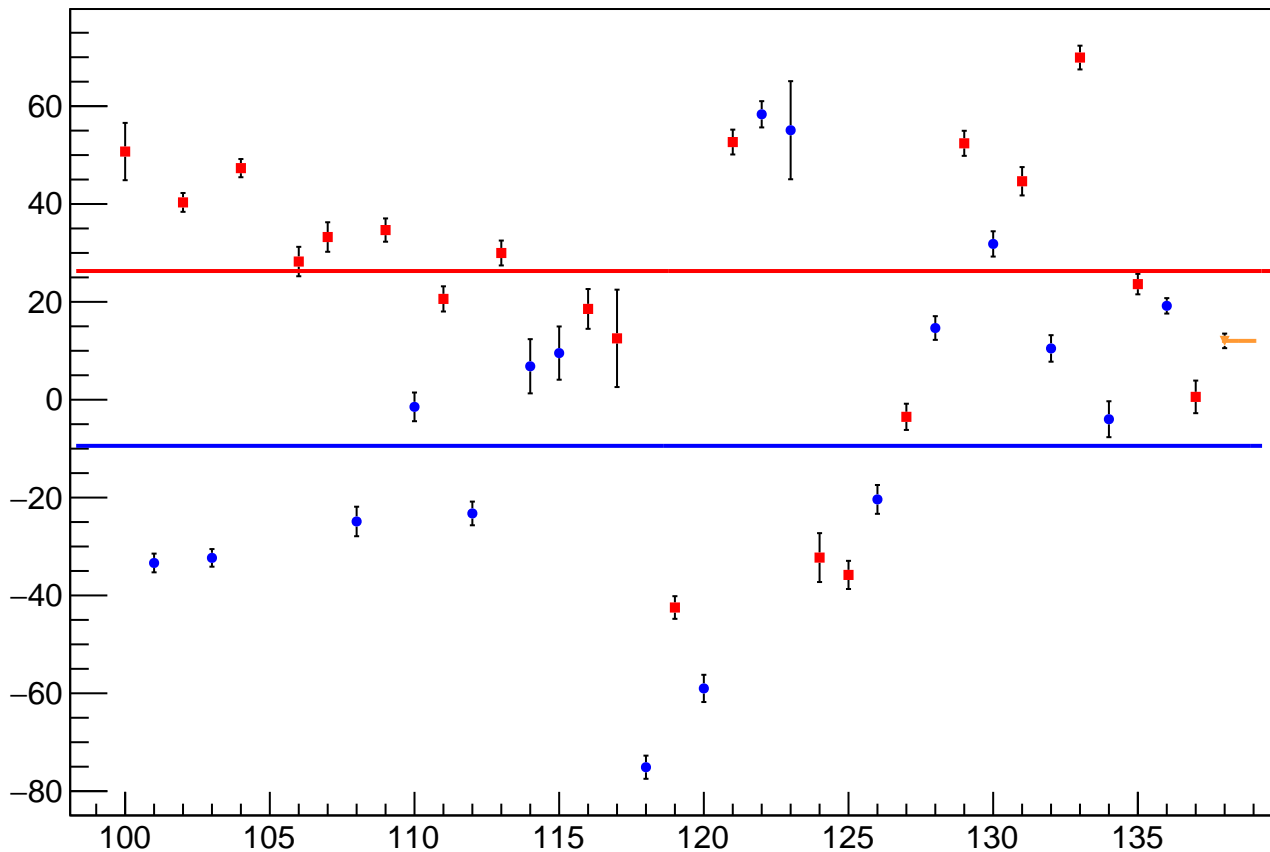
Right Out: 1544.983 \pm 0.409 χ^2 /NDF: 101624.6/19

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

1561.864 \pm 0.405 χ^2 /NDF: 83079.8/17

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

diff_bpm0i02aY_mean vs Slug



Right In: -9.427 ± 0.626 $\chi^2/\text{NDF}: 2924.1/16$

Left Out: 12.027 ± 1.488 $\chi^2/\text{NDF}: 0.0/0$

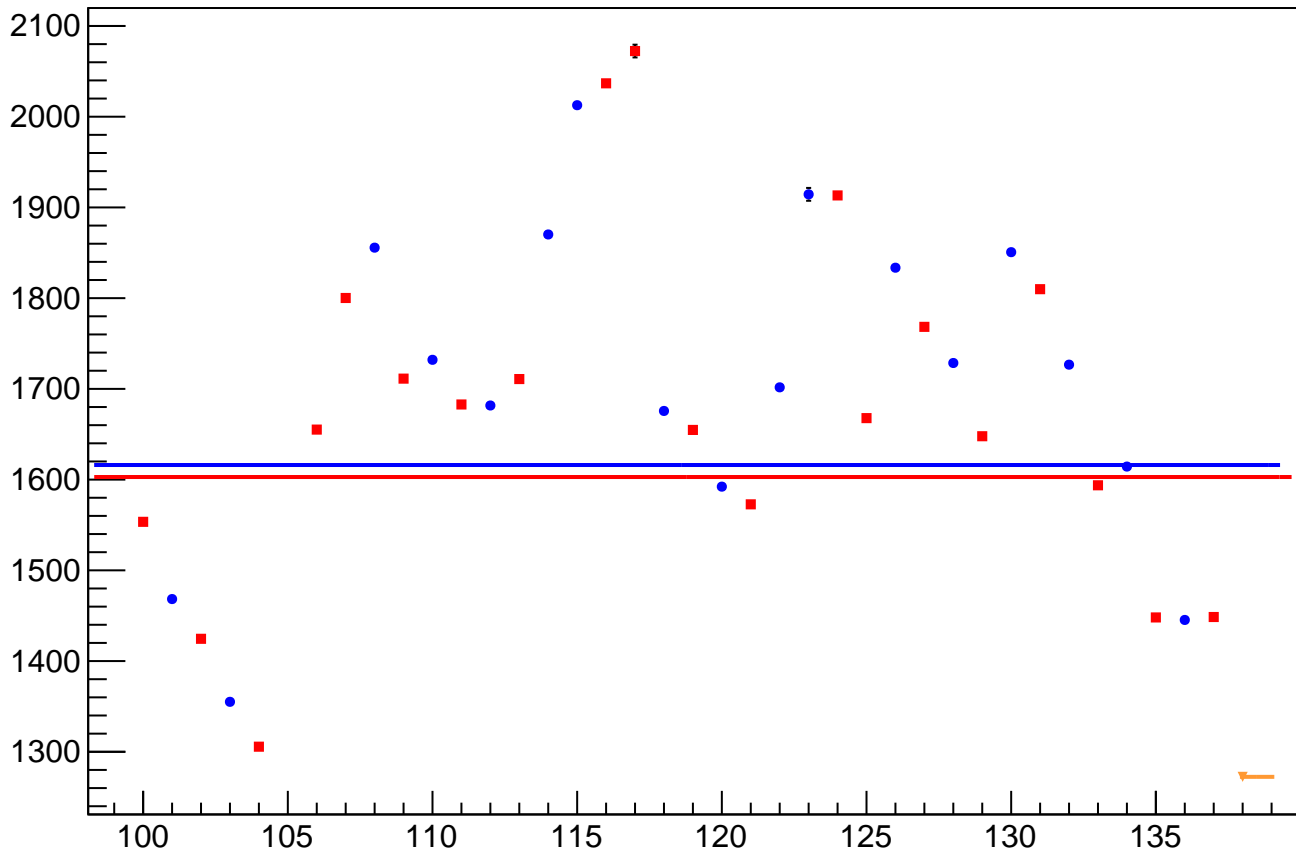
Right Out: 26.304 ± 0.602 $\chi^2/\text{NDF}: 2474.0/19$

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

-6.197 ± 0.577 $\chi^2/\text{NDF}: 3100.7/17$

26.304 ± 0.602 $\chi^2/\text{NDF}: 2474.0/19$

diff_bpm0i02aY_rms vs Slug



Right In: 1616.094+/-0.443 χ^2/NDF : 149596.3/16

Left Out: 1272.384+/-1.052 χ^2/NDF : 0.0/0

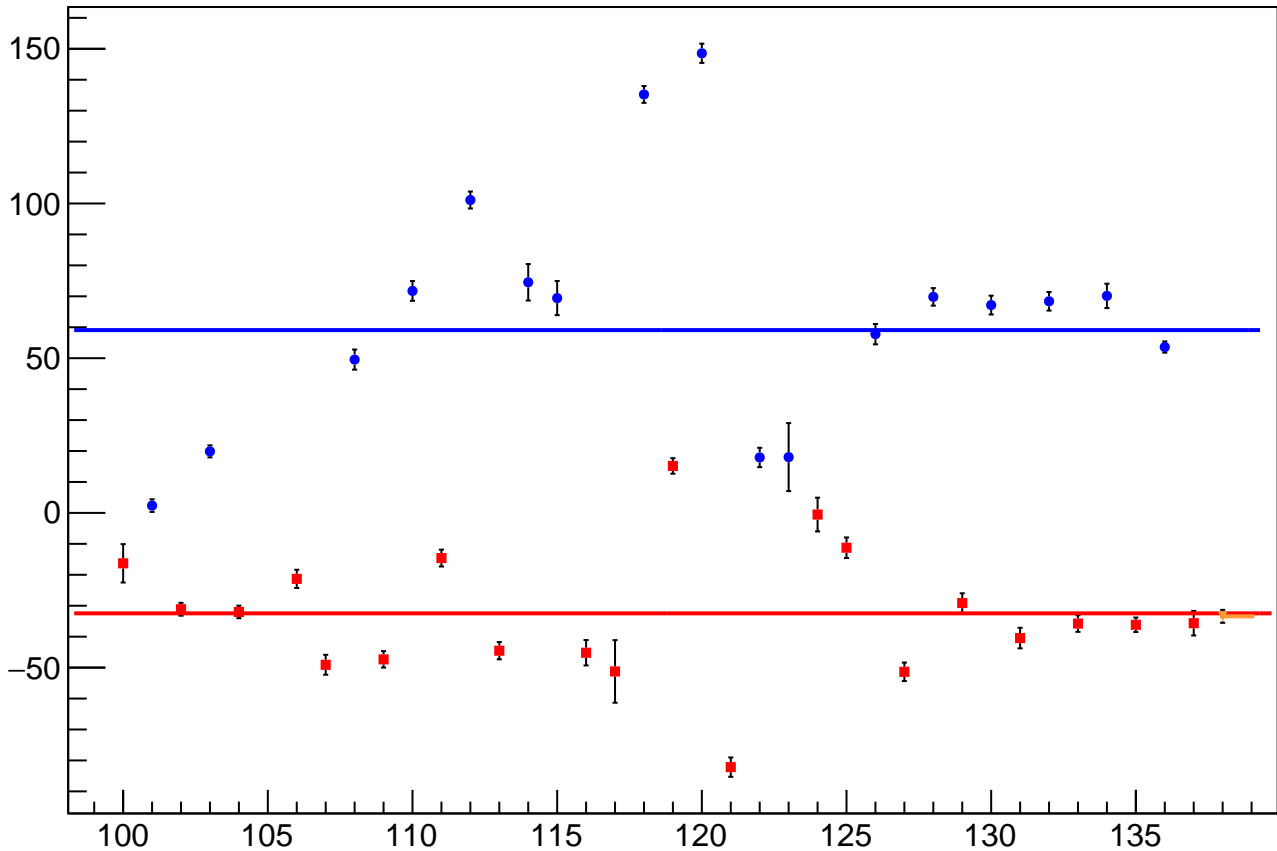
Right Out: 1602.857+/-0.425 χ^2/NDF : 158119.5/19

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

1564.349+/-0.408 χ^2/NDF : 240233.6/17

1602.857+/-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: -33.421+/-2.098 χ^2 /NDF: 0.0/0

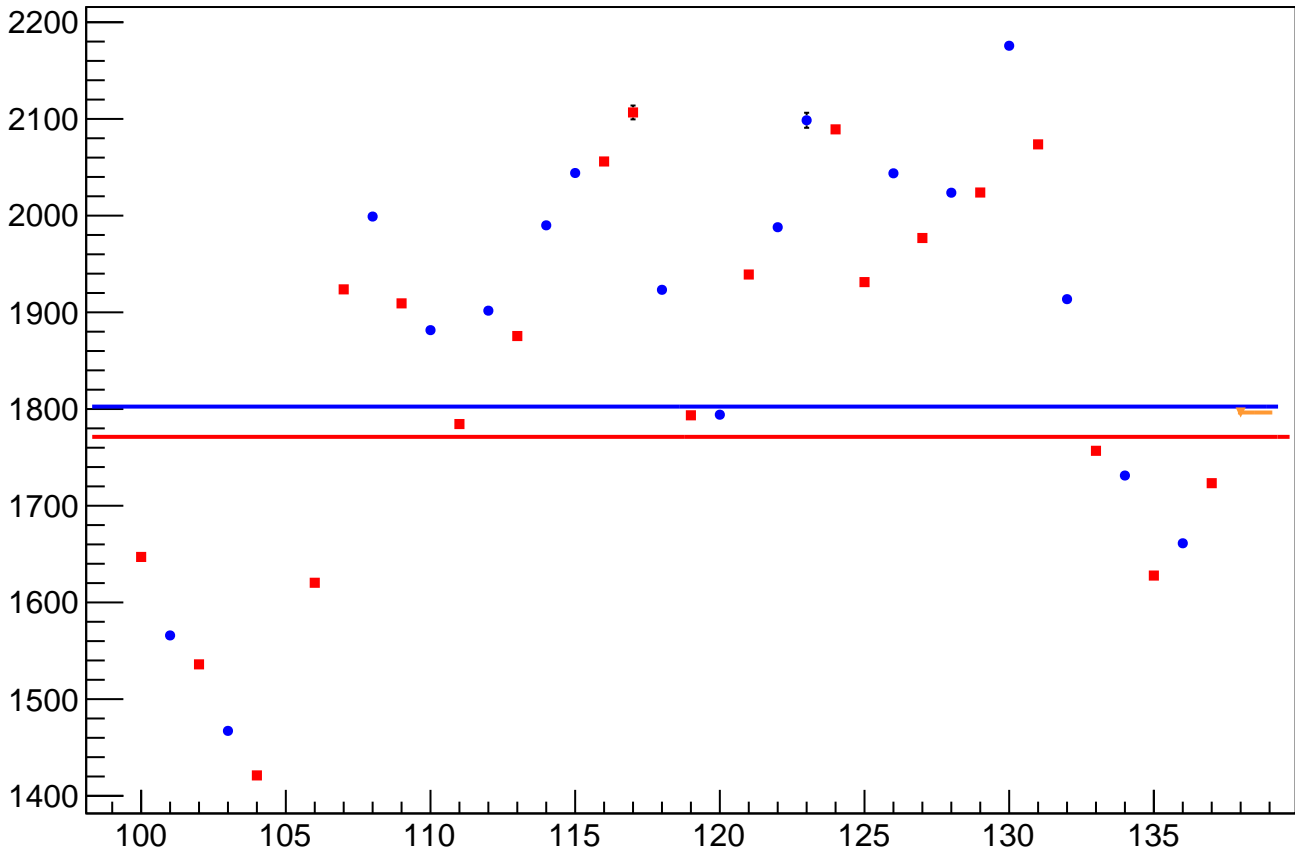
Right Out: -32.463+/-0.665 χ^2 /NDF: 894.9/19

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

49.826+/-0.664 χ^2 /NDF: 5043.7/17

-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: 1796.406+/-1.483 χ^2 /NDF:0.0/0

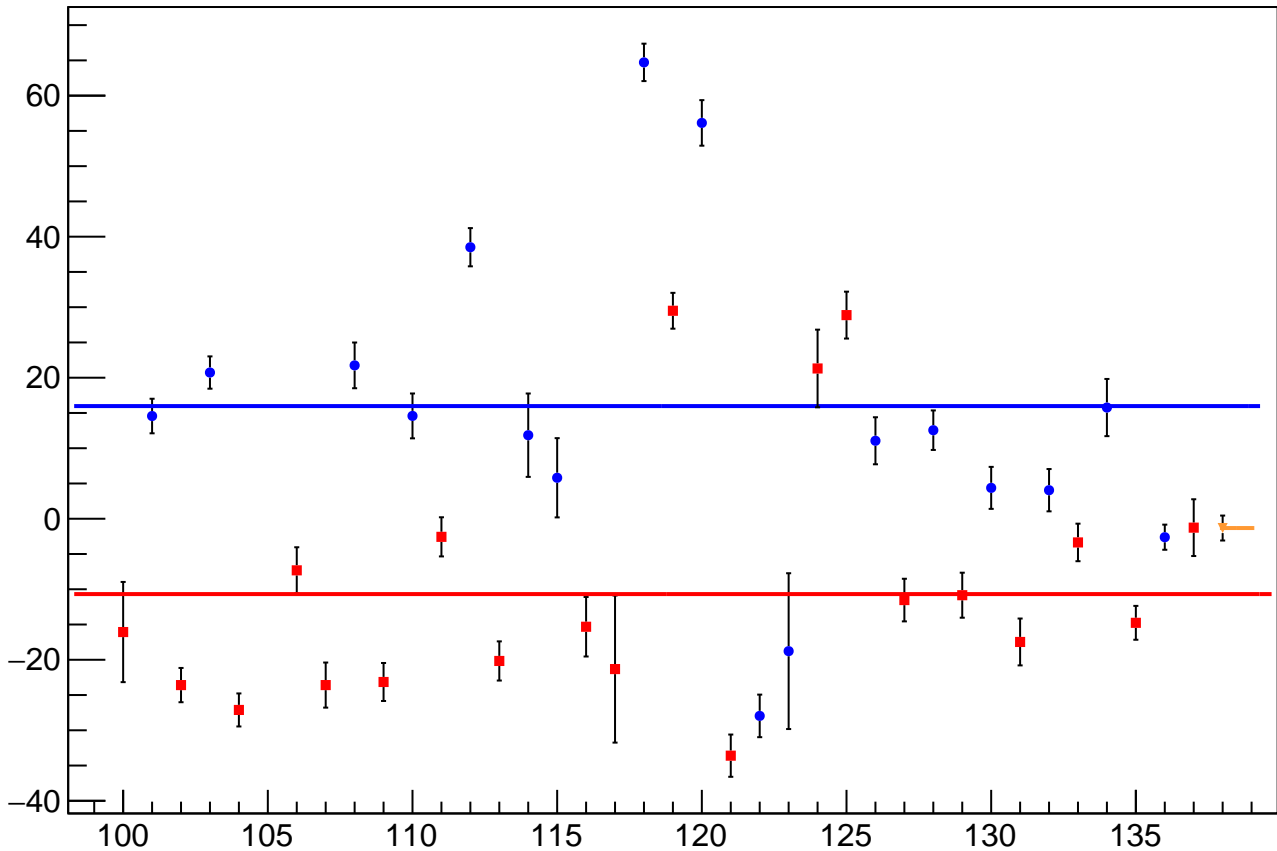
Right Out: 1771.228+/-0.470 χ^2 /NDF: 180101.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1801.912+/-0.469 χ^2 /NDF: 184084.4/17

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

diff_bpm0i05Y_mean vs Slug



Right In: 15.976 ± 0.722 $\chi^2/\text{NDF}: 938.4/16$

Left Out: -1.319 ± 1.769 $\chi^2/\text{NDF}: 0.0/0$

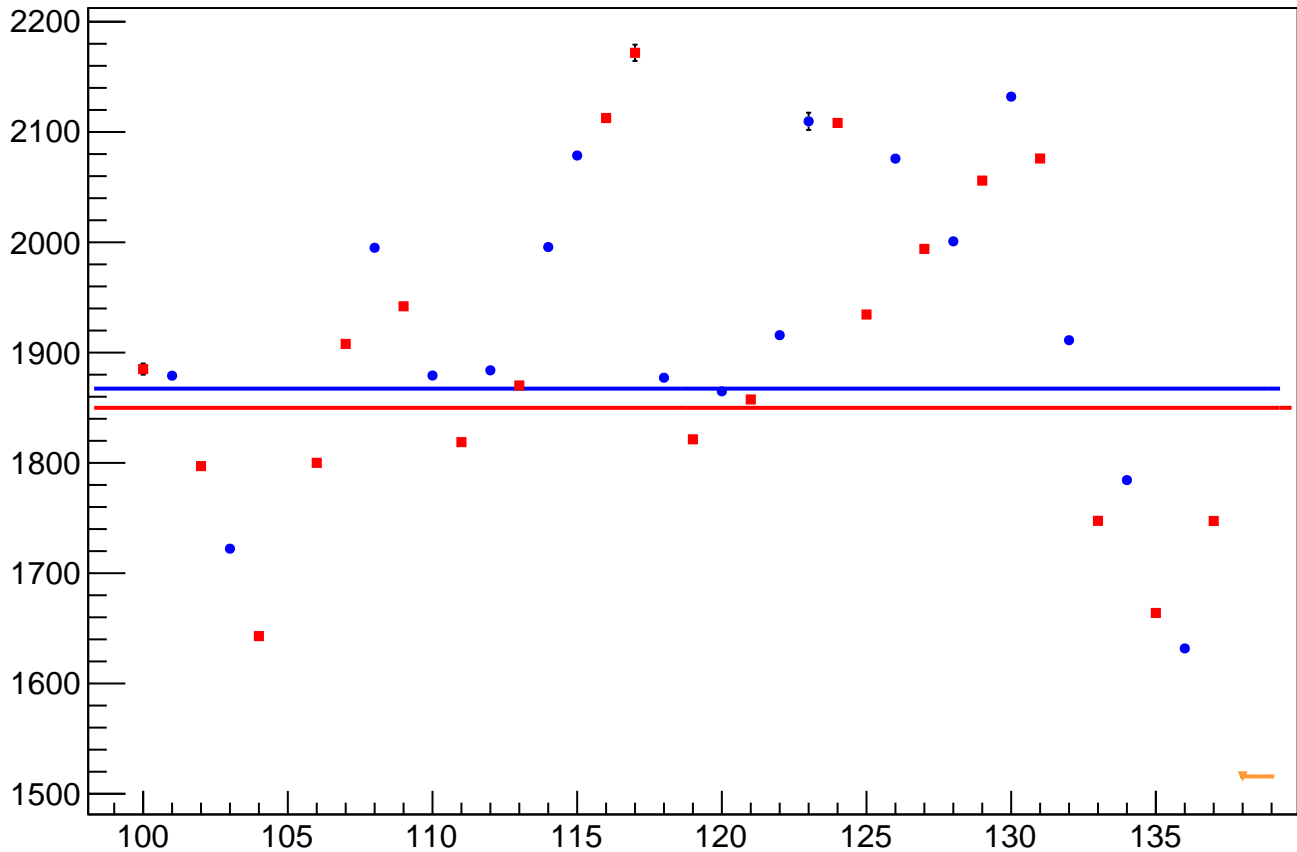
Right Out: -10.685 ± 0.692 $\chi^2/\text{NDF}: 643.2/19$

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

13.510 ± 0.668 $\chi^2/\text{NDF}: 1020.3/17$

-10.685 ± 0.692 $\chi^2/\text{NDF}: 643.2/19$

diff_bpm0i05Y_rms vs Slug



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

Left Out: 1515.745+/-1.251 χ^2 /NDF: 0.0/0

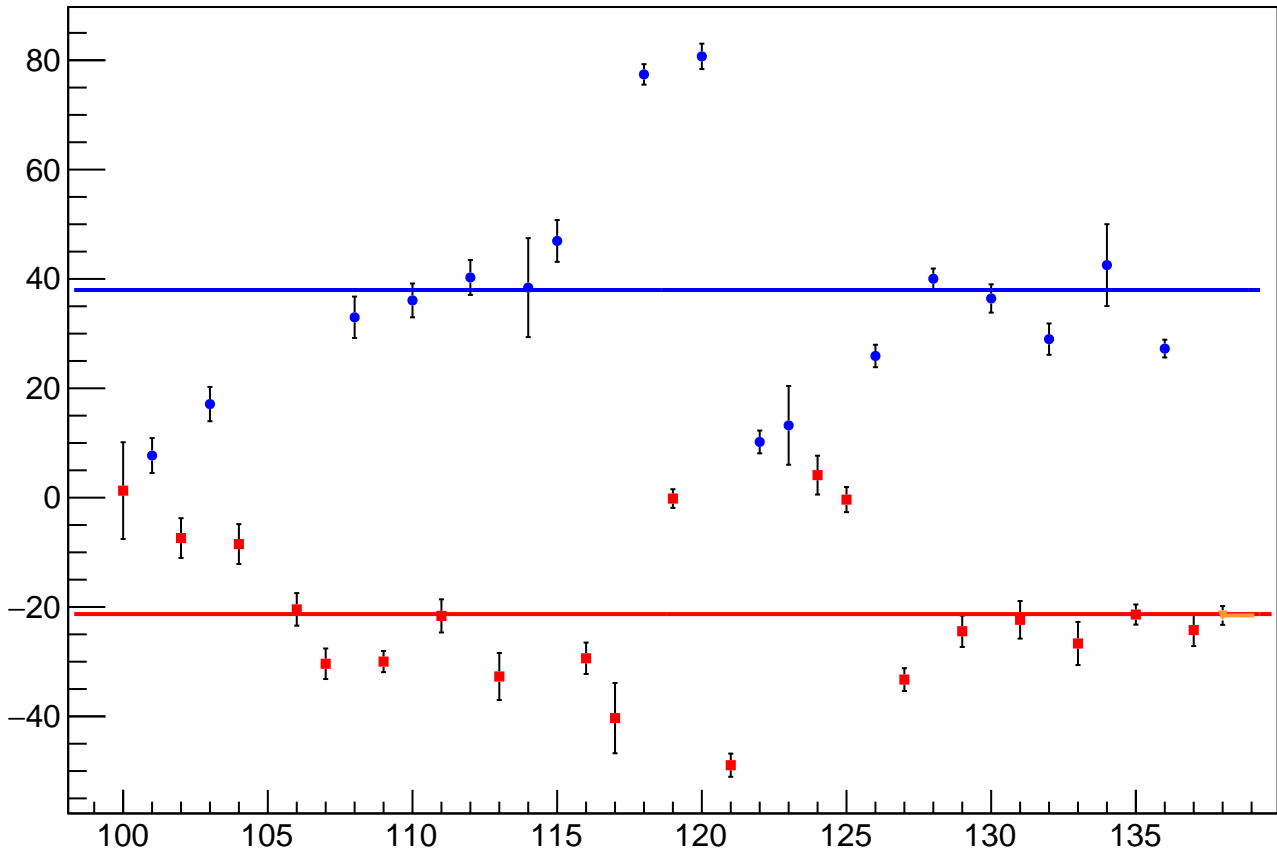
Right Out: 1849.954+/-0.489 χ^2 /NDF: 74440.9/19

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

1817.202+/-0.472 χ^2 /NDF: 148635.4/17

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: -21.543+/-1.716 χ^2 /NDF: 0.0/0

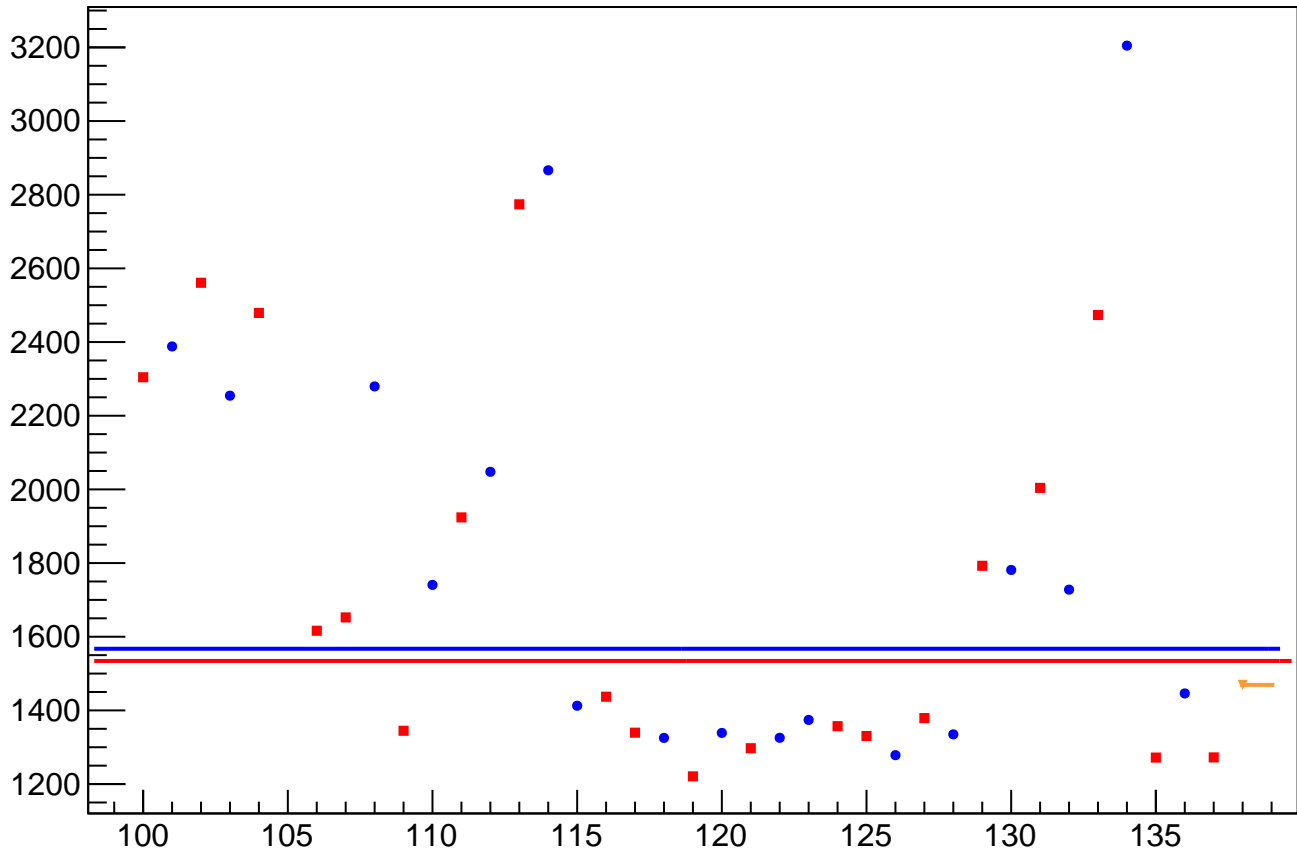
Right Out: -21.294+/-0.606 χ^2 /NDF: 582.5/19

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

30.759+/-0.597 χ^2 /NDF: 2262.0/17

-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: 1469.333+/-1.213 χ^2 /NDF:0.0/0

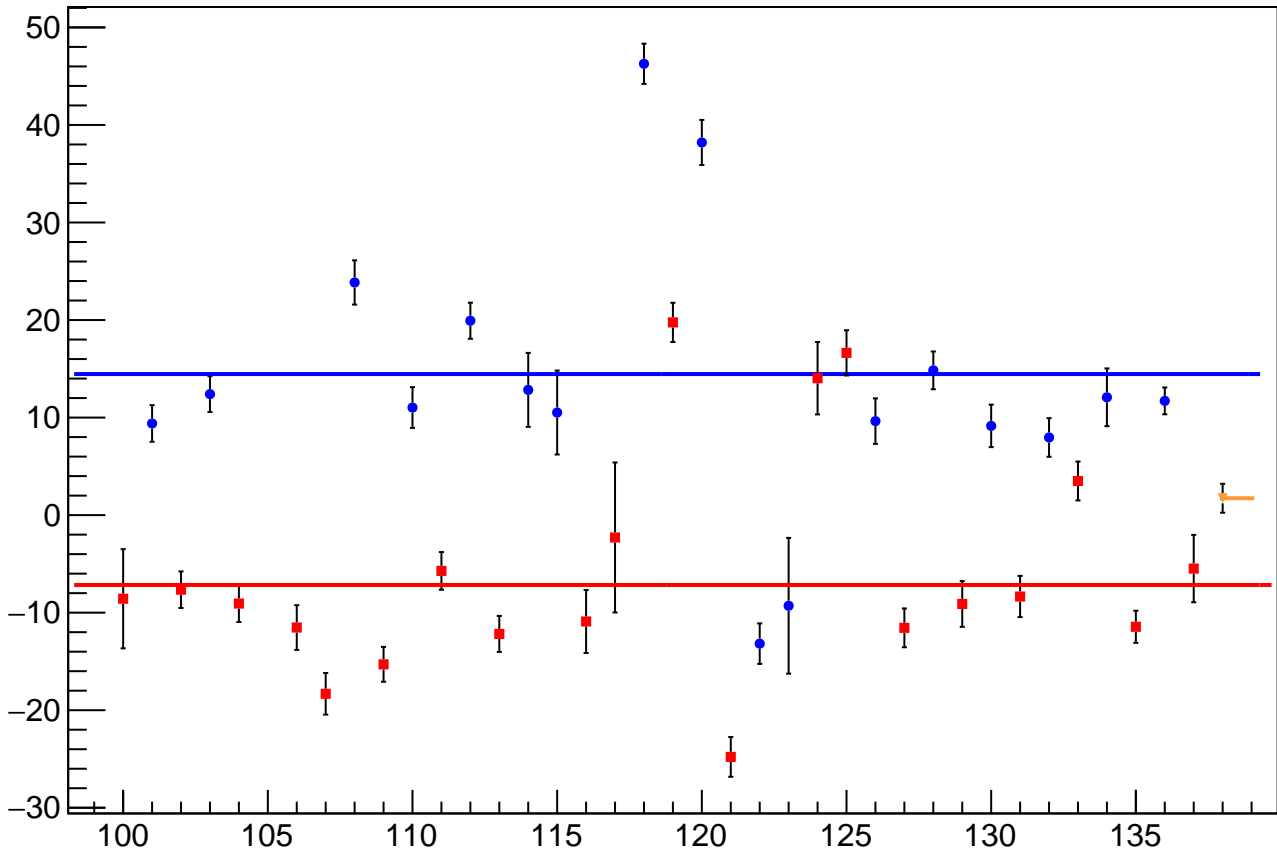
Right Out: 1534.225+/-0.428 χ^2 /NDF: 883947.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1555.443+/-0.422 χ^2 /NDF: 679184.9/17

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

diff_bpm0i07Y_mean vs Slug



Right In: 14.461 ± 0.523 $\chi^2/\text{NDF}: 595.9/16$

13.049 ± 0.493 $\chi^2/\text{NDF}: 661.6/17$

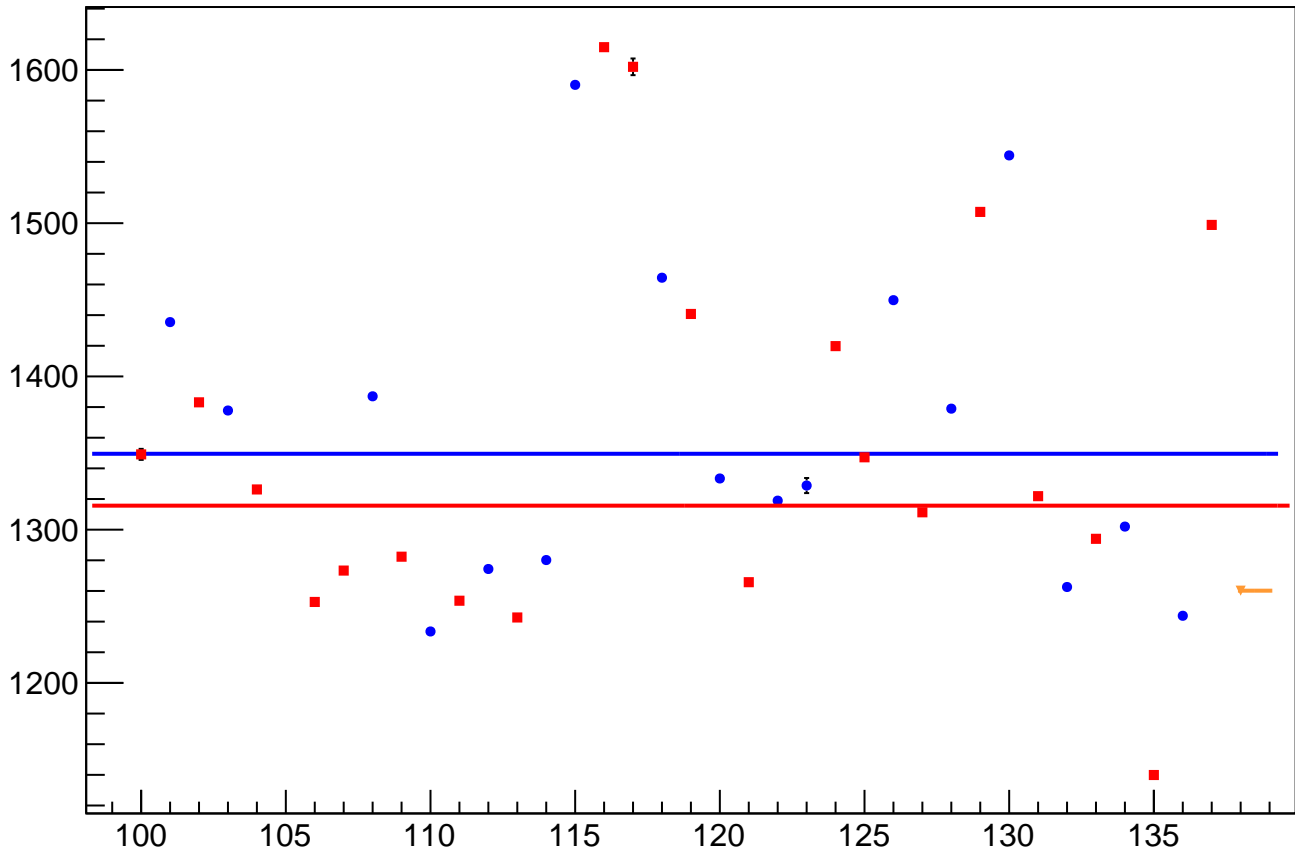
Left Out: 1.729 ± 1.482 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.161 ± 0.493 $\chi^2/\text{NDF}: 496.1/19$

-7.161 ± 0.493 $\chi^2/\text{NDF}: 496.1/19$

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

diff_bpm0i07Y_rms vs Slug



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

Left Out: 1260.188+/-1.048 χ^2/NDF : 0.0/0

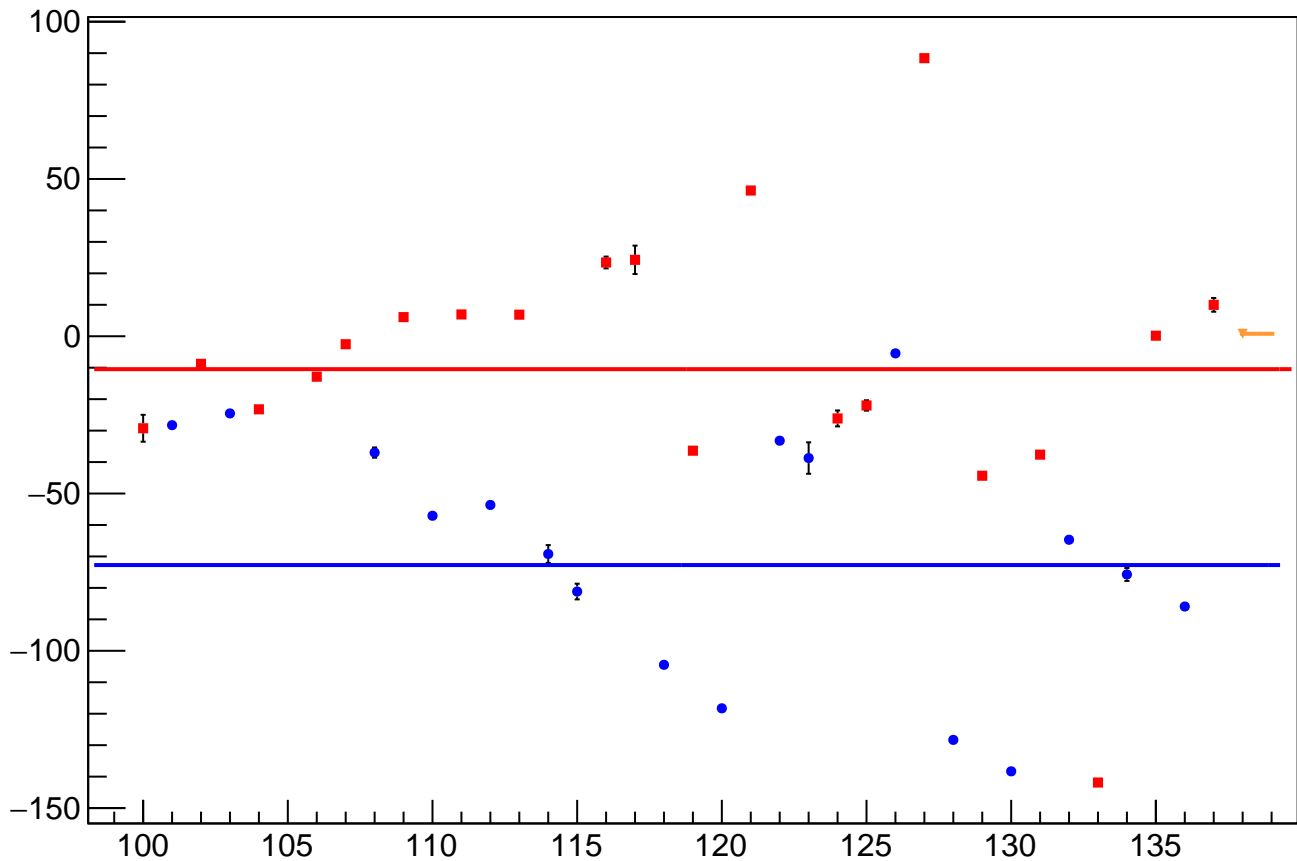
1339.619+/-0.349 χ^2/NDF : 71131.1/17

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

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

1315.669+/-0.349 χ^2/NDF : 83739.0/19

diff_bpm1i02X_mean vs Slug



Right In: -72.741 ± 0.362 $\chi^2/\text{NDF}: 11690.4/16$

Left Out: 0.785 ± 1.044 $\chi^2/\text{NDF}: 0.0/0$

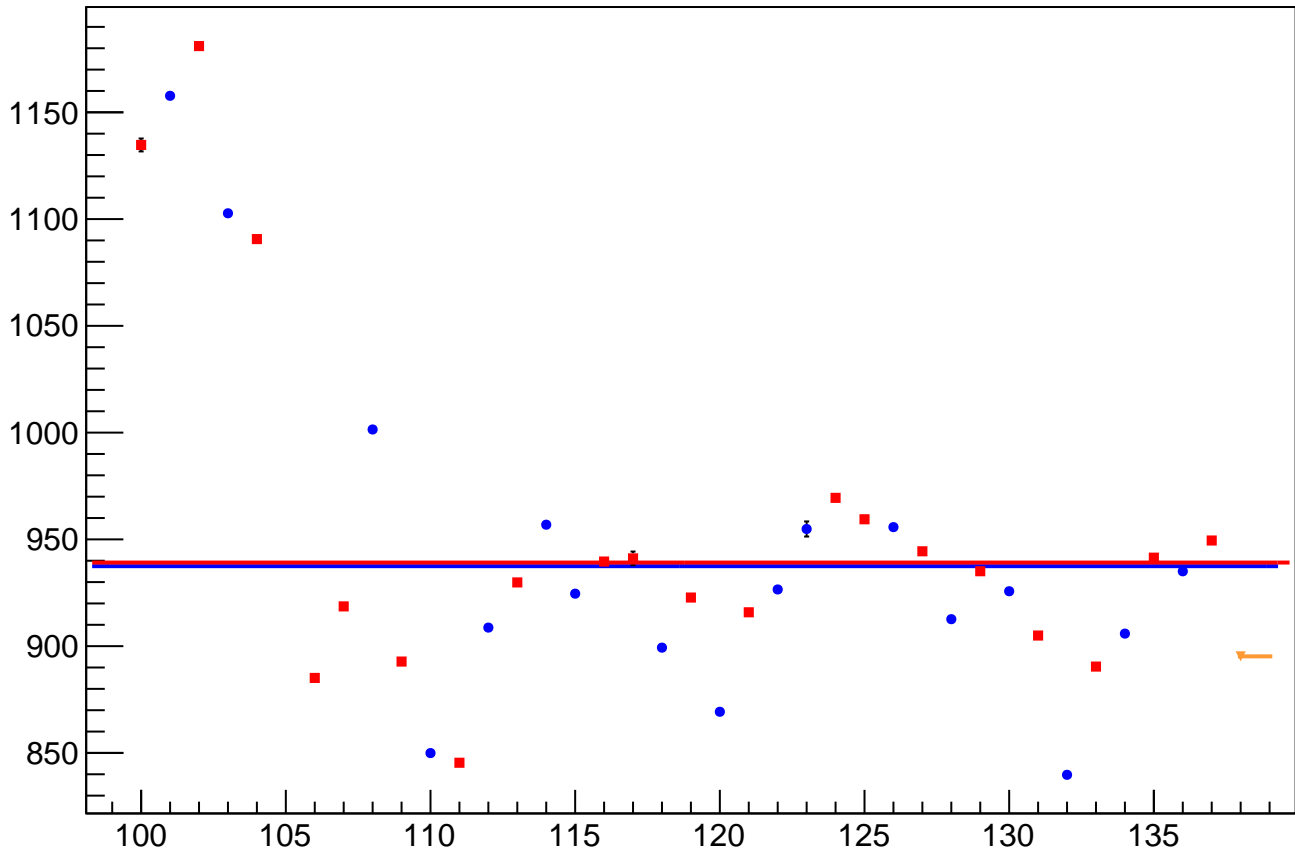
Right Out: -10.459 ± 0.351 $\chi^2/\text{NDF}: 18230.6/19$

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

-64.840 ± 0.342 $\chi^2/\text{NDF}: 16114.8/17$

-10.459 ± 0.351 $\chi^2/\text{NDF}: 18230.6/19$

diff_bpm1i02X_rms vs Slug



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

Left Out: 895.223+/-0.738 χ^2 /NDF:0.0/0

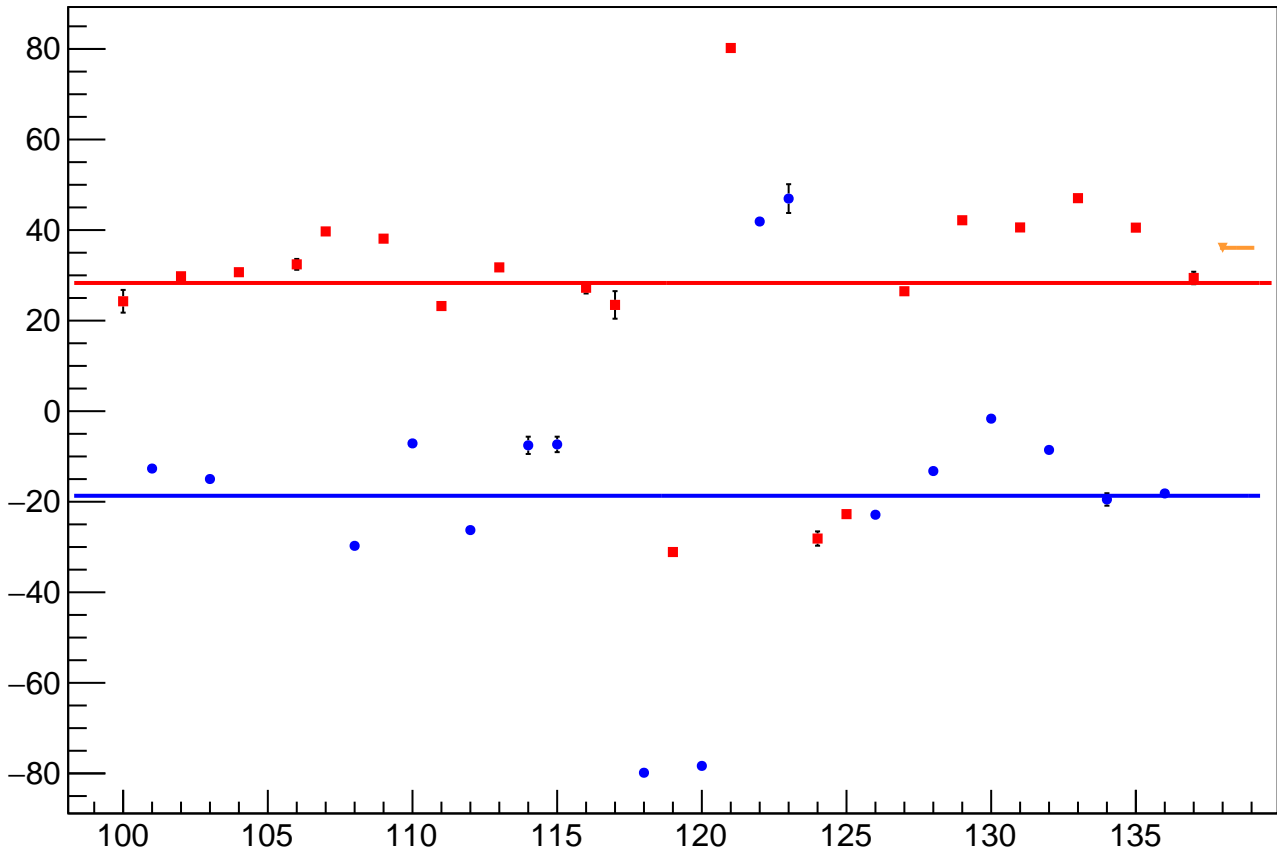
932.915+/-0.242 χ^2 /NDF: 101226.8/17

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

939.152+/-0.248 χ^2 /NDF: 90253.6/19

diff_bpm1i02Y_mean vs Slug



Right In: -18.683 ± 0.243 $\chi^2/\text{NDF}: 13006.2/16$

Left Out: 36.083 ± 0.738 $\chi^2/\text{NDF}: 0.0/0$

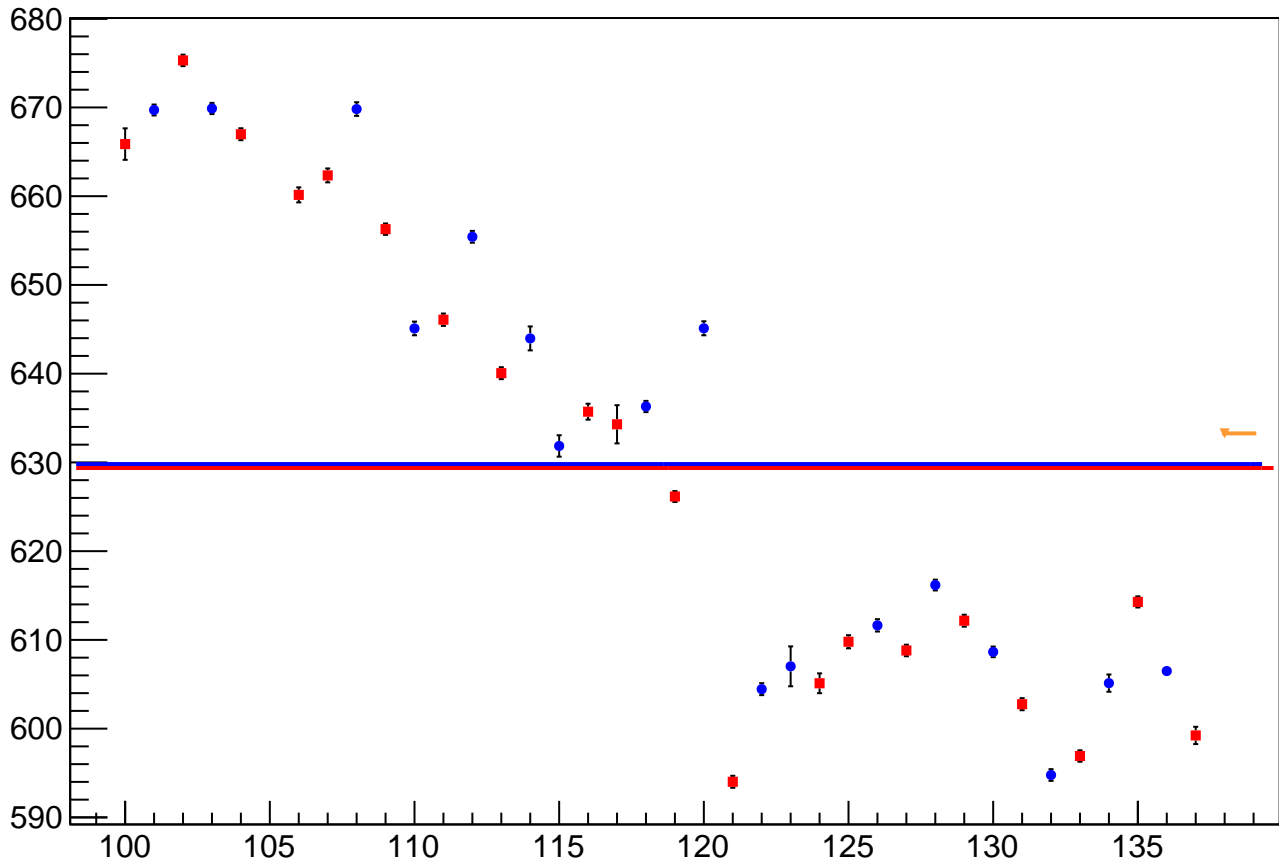
Right Out: 28.318 ± 0.235 $\chi^2/\text{NDF}: 12510.6/19$

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

-13.345 ± 0.231 $\chi^2/\text{NDF}: 17970.5/17$

28.318 ± 0.235 $\chi^2/\text{NDF}: 12510.6/19$

diff_bpm1i02Y_rms vs Slug



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

Left Out: 633.271+/-0.522 χ^2 /NDF:0.0/0

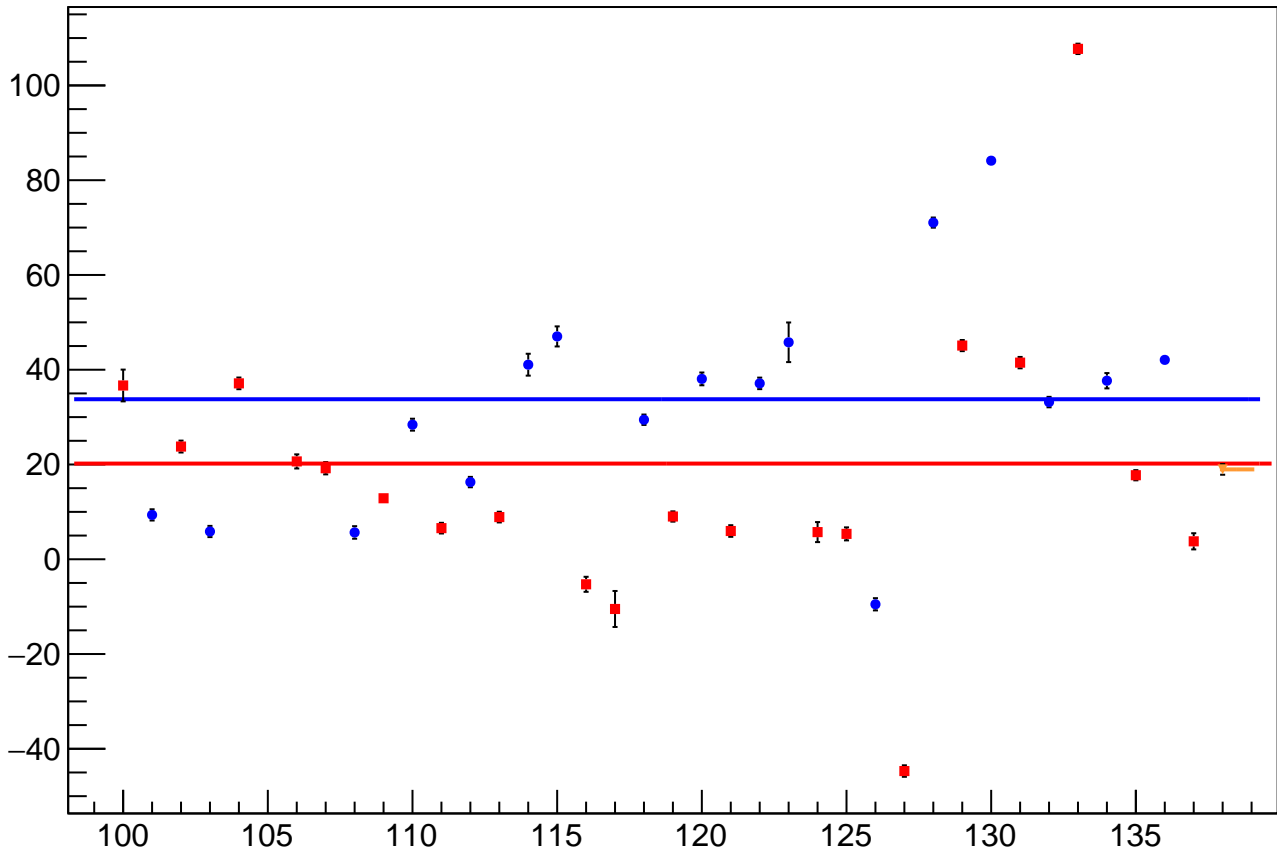
Right Out: 629.370+/-0.166 χ^2 /NDF: 25543.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

630.151+/-0.163 χ^2 /NDF: 23337.9/17

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: 18.965+/-1.126 χ^2 /NDF:0.0/0

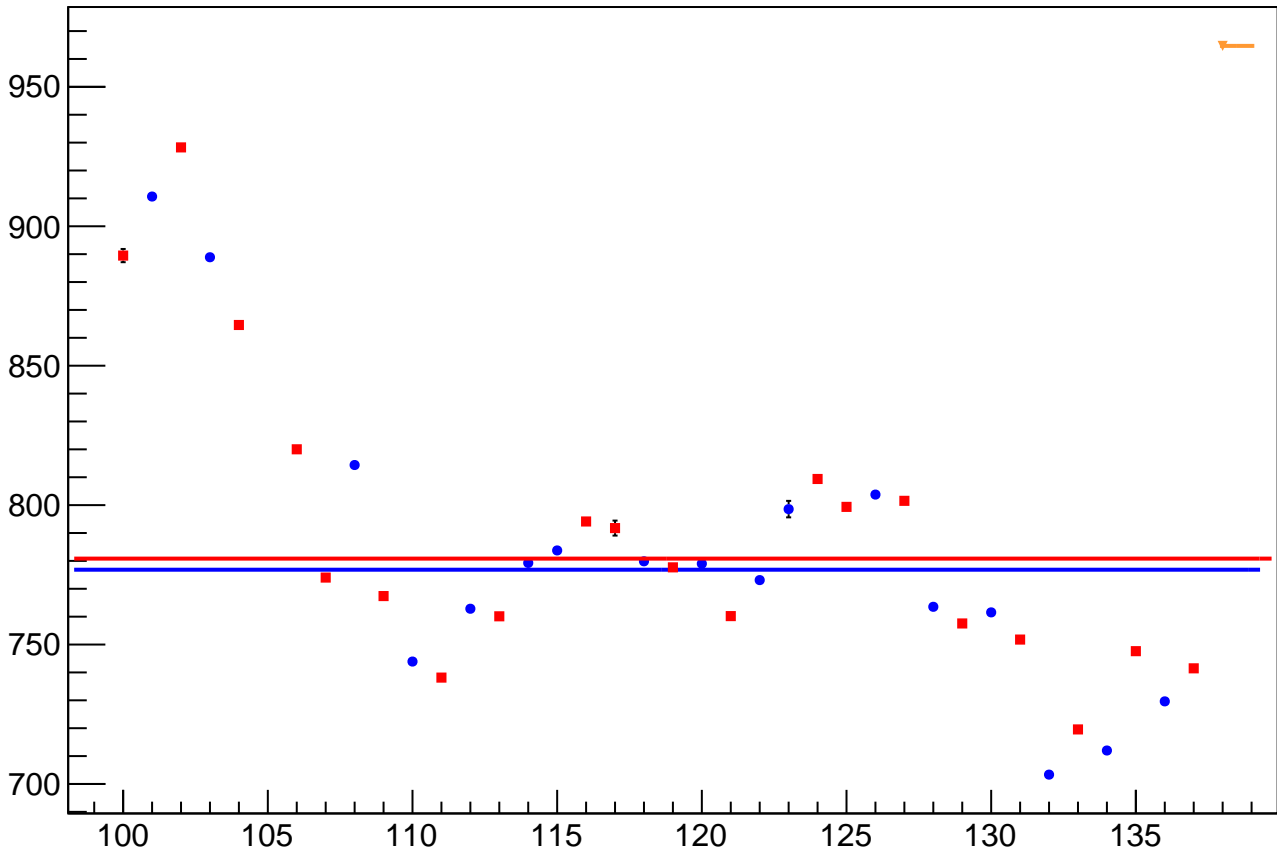
Right Out: 20.193+/-0.292 χ^2 /NDF: 11353.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

32.792+/-0.290 χ^2 /NDF: 6649.5/17

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: 964.688 \pm 0.796 χ^2 /NDF:0.0/0

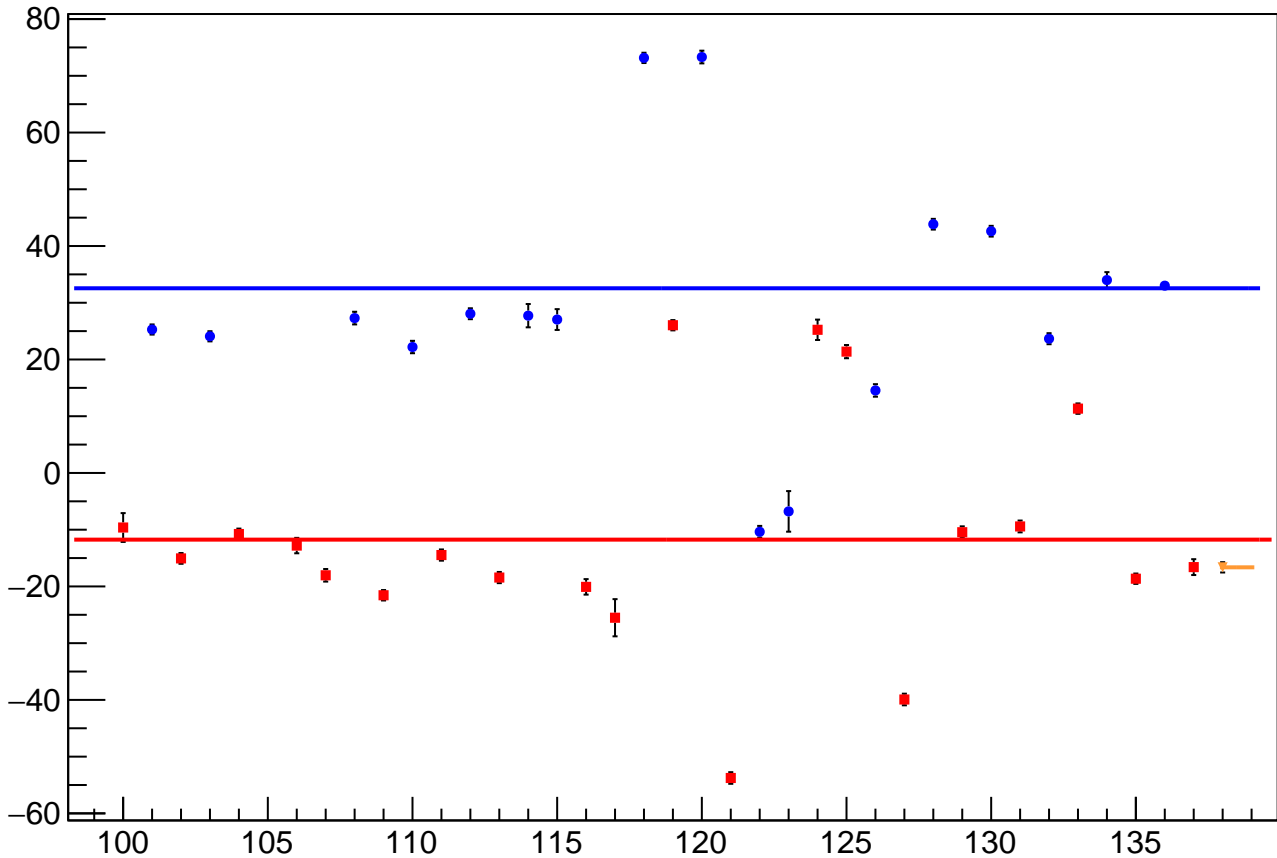
Right Out: 780.820 \pm 0.206 χ^2 /NDF: 57445.6/19

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

789.288 \pm 0.205 χ^2 /NDF: 119495.4/17

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

diff_bpm1i04Y_mean vs Slug



Right In: 32.552 ± 0.253 $\chi^2/\text{NDF}: 6073.0/16$

Left Out: -16.633 ± 0.909 $\chi^2/\text{NDF}: 0.0/0$

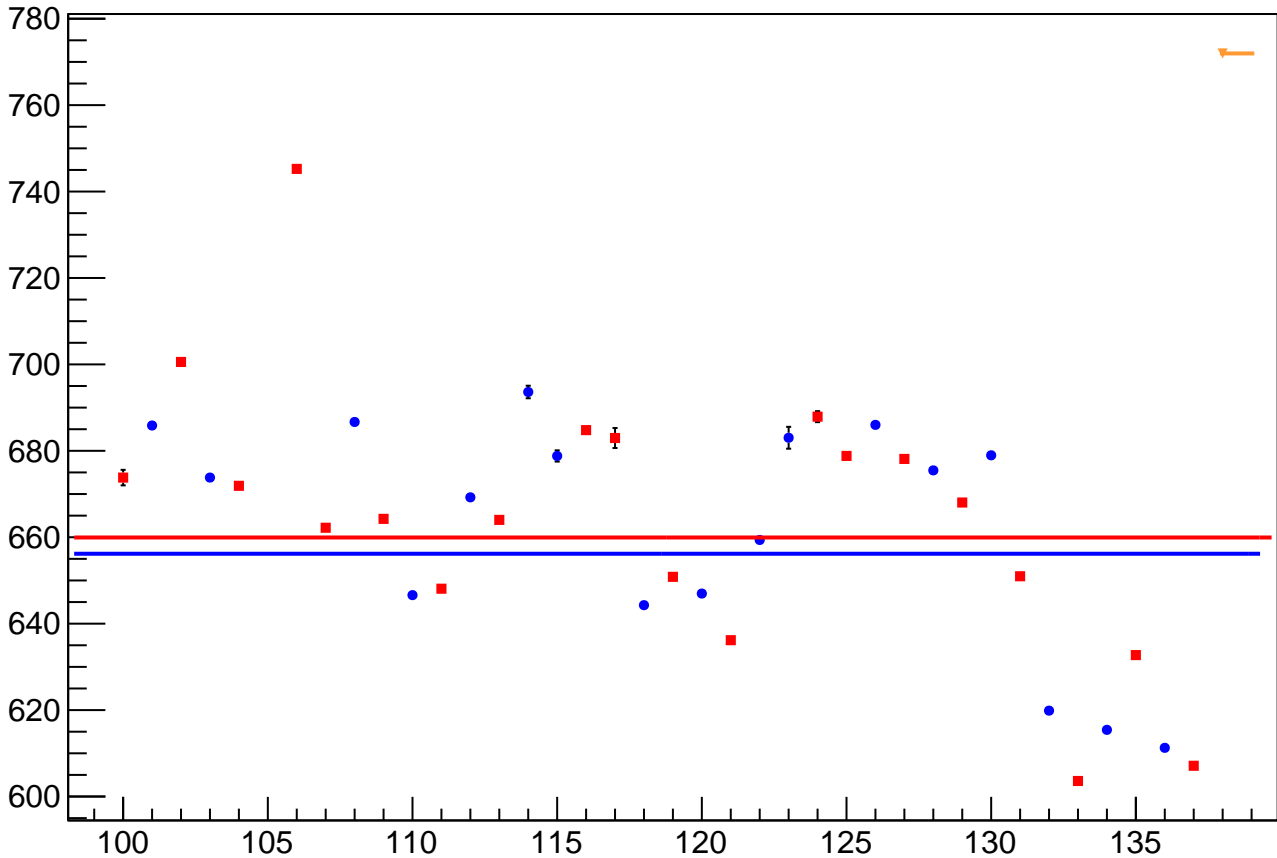
Right Out: -11.752 ± 0.246 $\chi^2/\text{NDF}: 6375.4/19$

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

29.021 ± 0.244 $\chi^2/\text{NDF}: 8789.4/17$

-11.752 ± 0.246 $\chi^2/\text{NDF}: 6375.4/19$

diff_bpm1i04Y_rms vs Slug



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

Left Out: 771.960+/-0.643 χ^2/NDF : 0.0/0

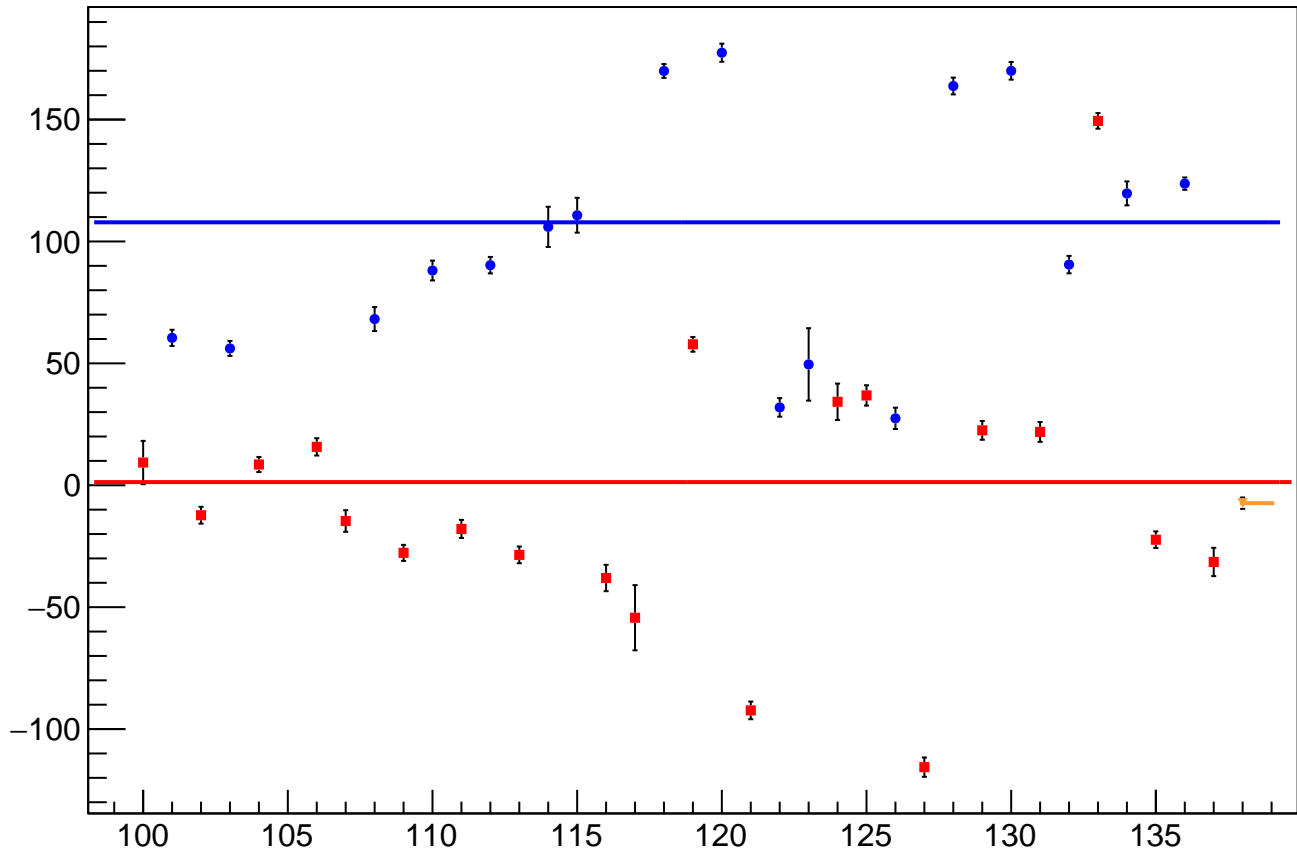
Right Out: 659.944+/-0.174 χ^2/NDF : 28425.0/19

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

664.493+/-0.172 χ^2/NDF : 53673.5/17

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: -7.344 \pm 2.332 χ^2 /NDF: 0.0/0

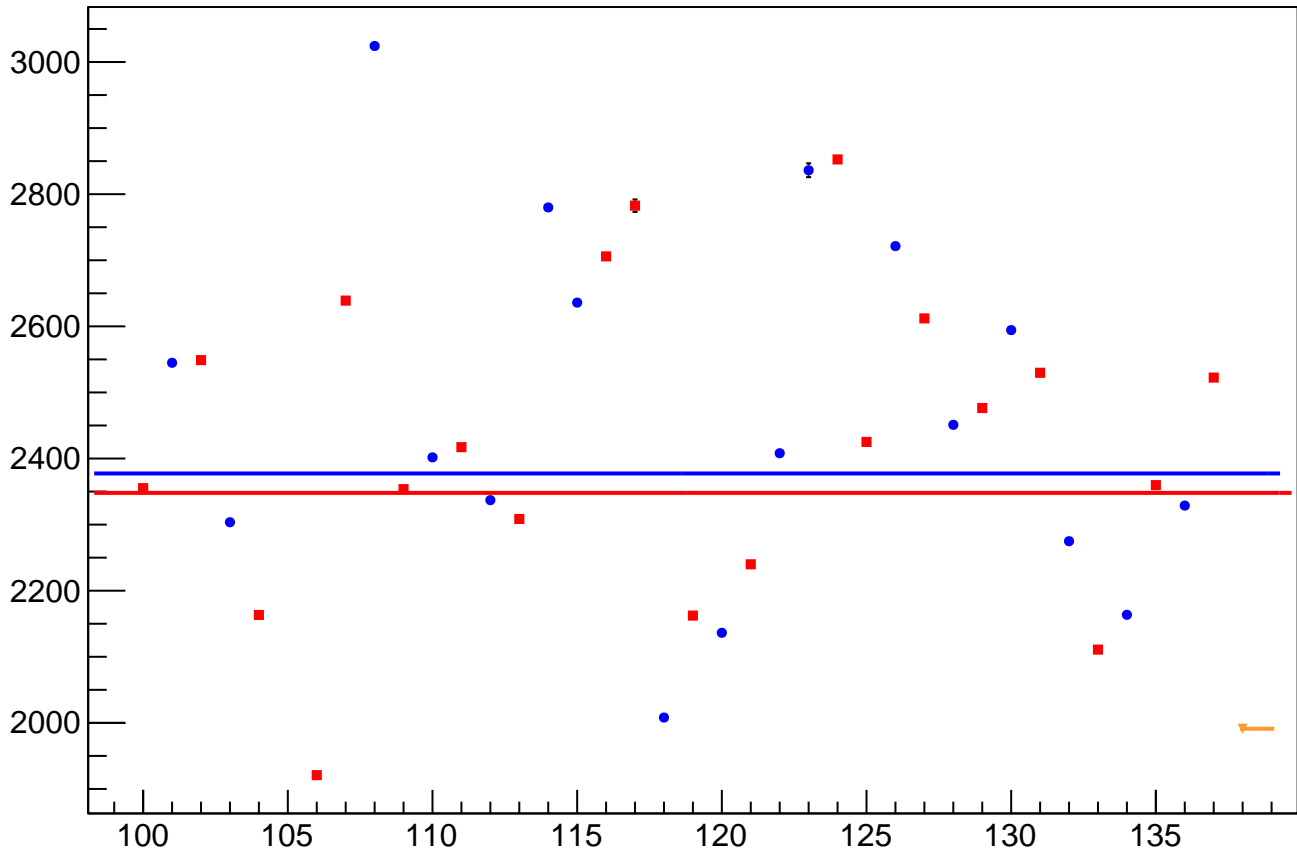
Right Out: 1.299 \pm 0.881 χ^2 /NDF: 4541.1/19

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

92.293 \pm 0.857 χ^2 /NDF: 4919.4/17

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: 1991.142+/-1.649 χ^2 /NDF:0.0/0

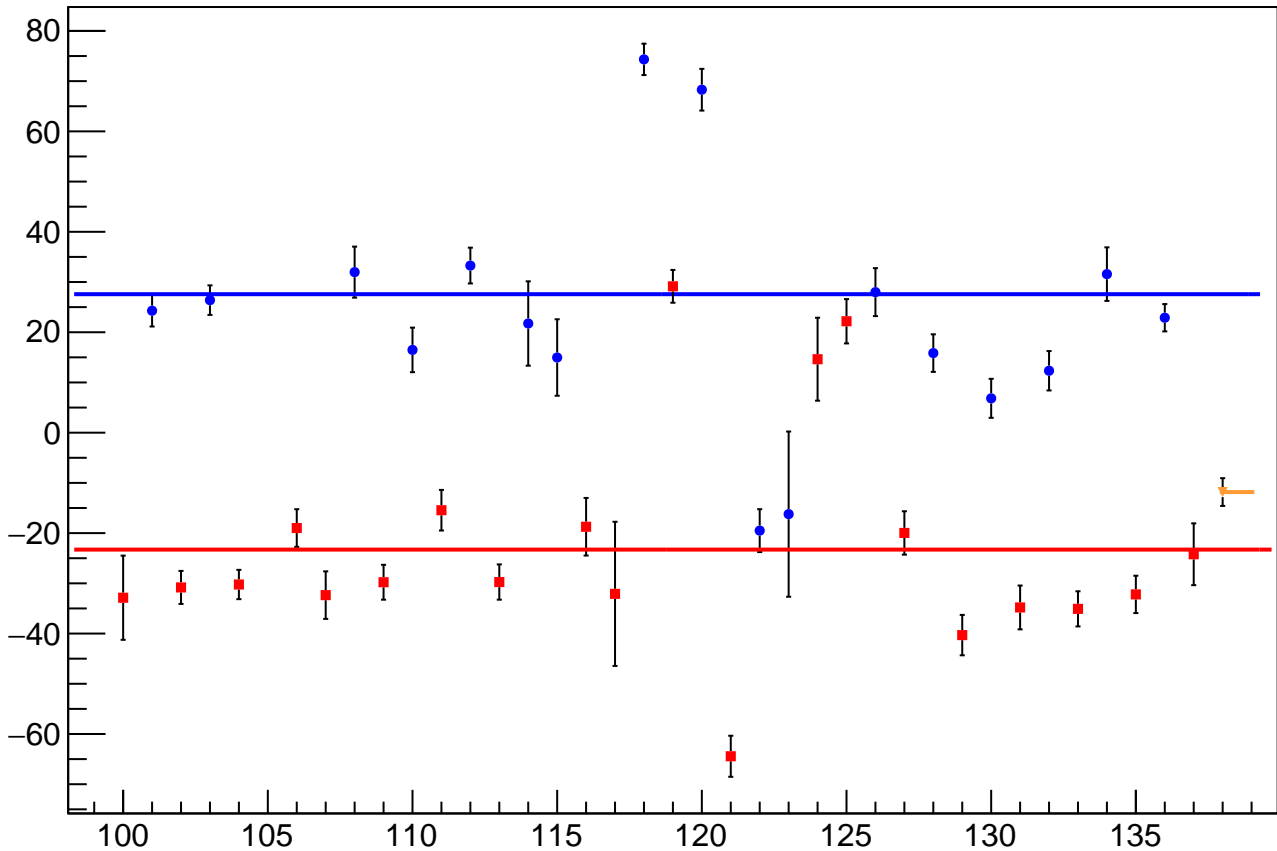
Right Out: 2348.017+/-0.623 χ^2 /NDF: 110379.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2325.252+/-0.606 χ^2 /NDF: 167109.9/17

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: -11.826+/-2.765 χ^2 /NDF: 0.0/0

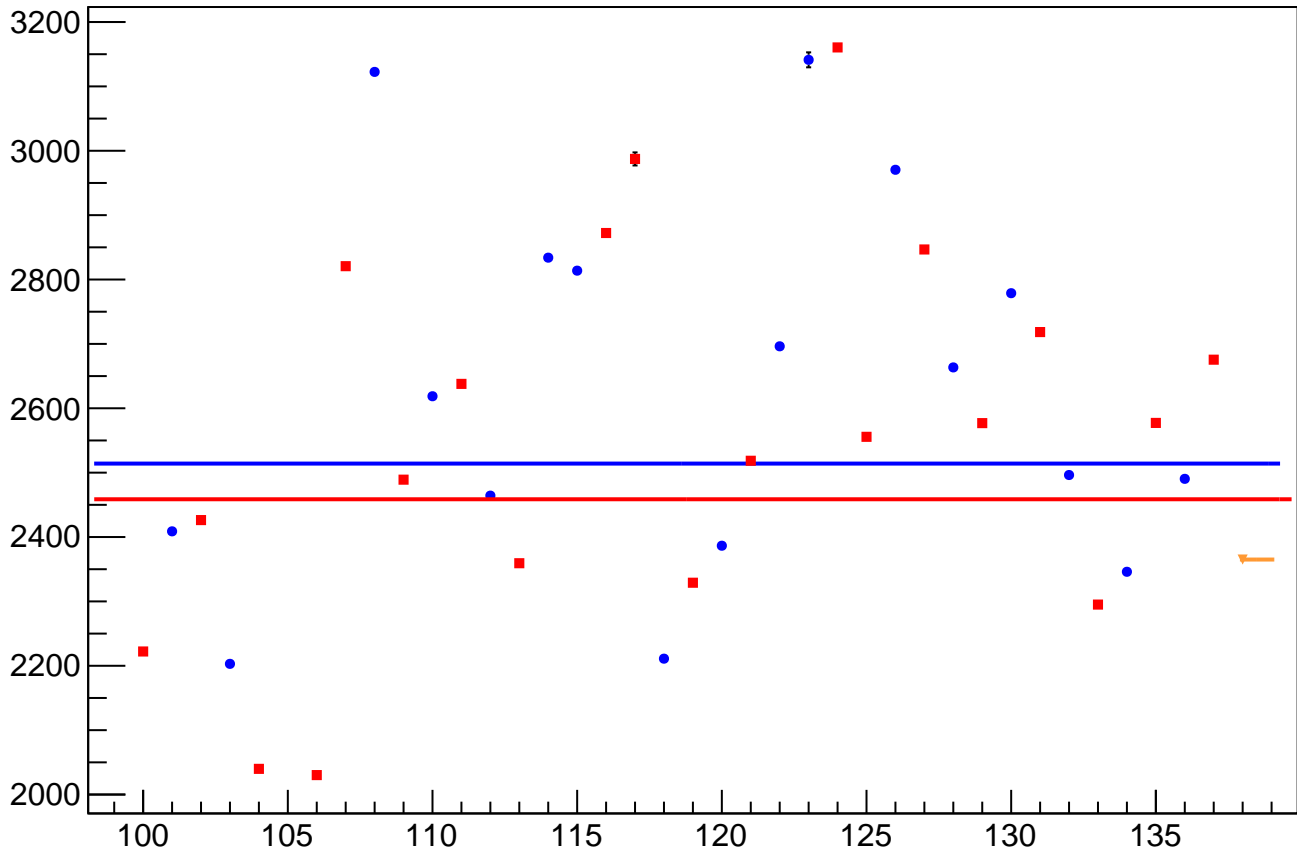
Right Out: -23.280+/-0.925 χ^2 /NDF: 558.2/19

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

23.222+/-0.919 χ^2 /NDF: 700.2/17

-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: 2365.028+/-1.955 χ^2 /NDF: 0.0/0

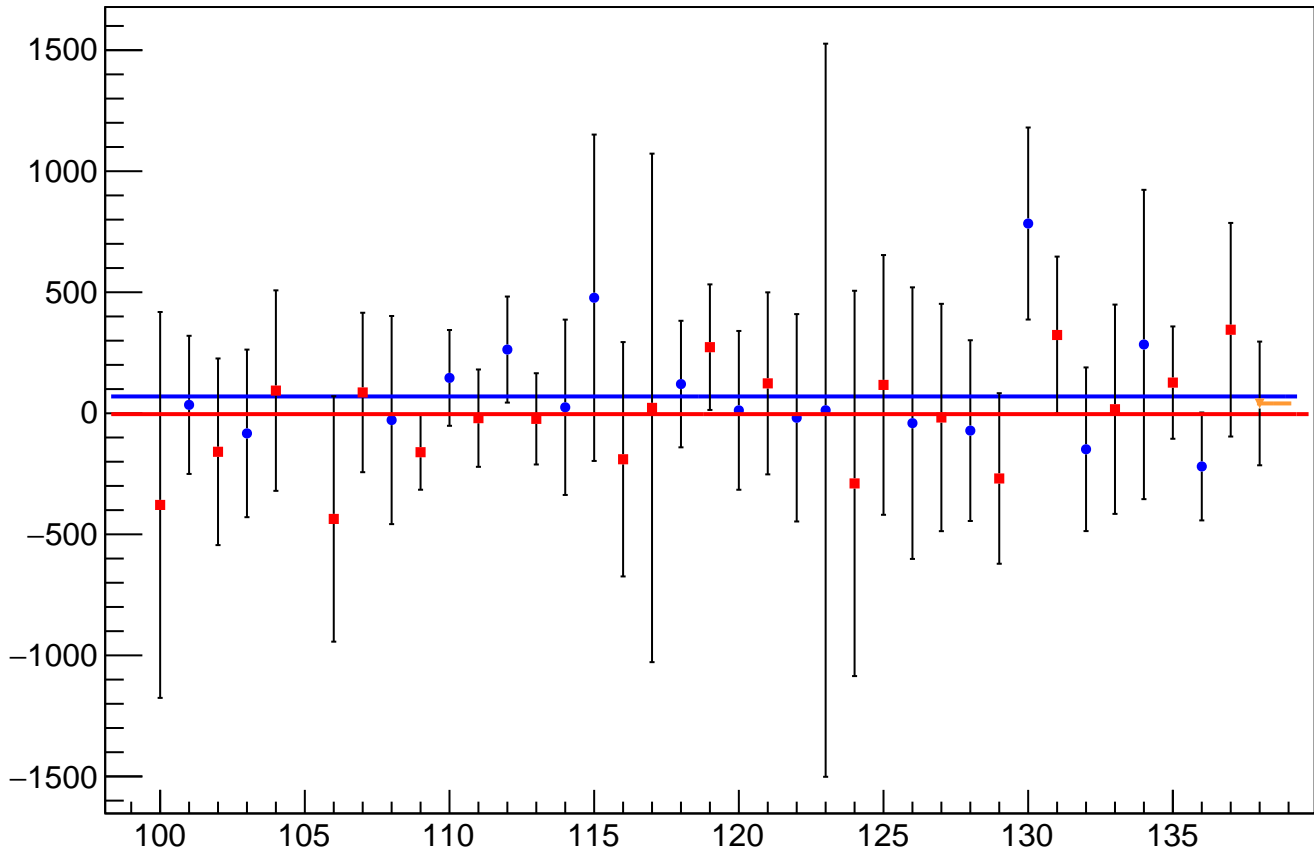
2497.612+/-0.650 χ^2 /NDF: 126130.6/17

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

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

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

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: 40.703+/-255.487 χ^2/NDF : 0.0/0

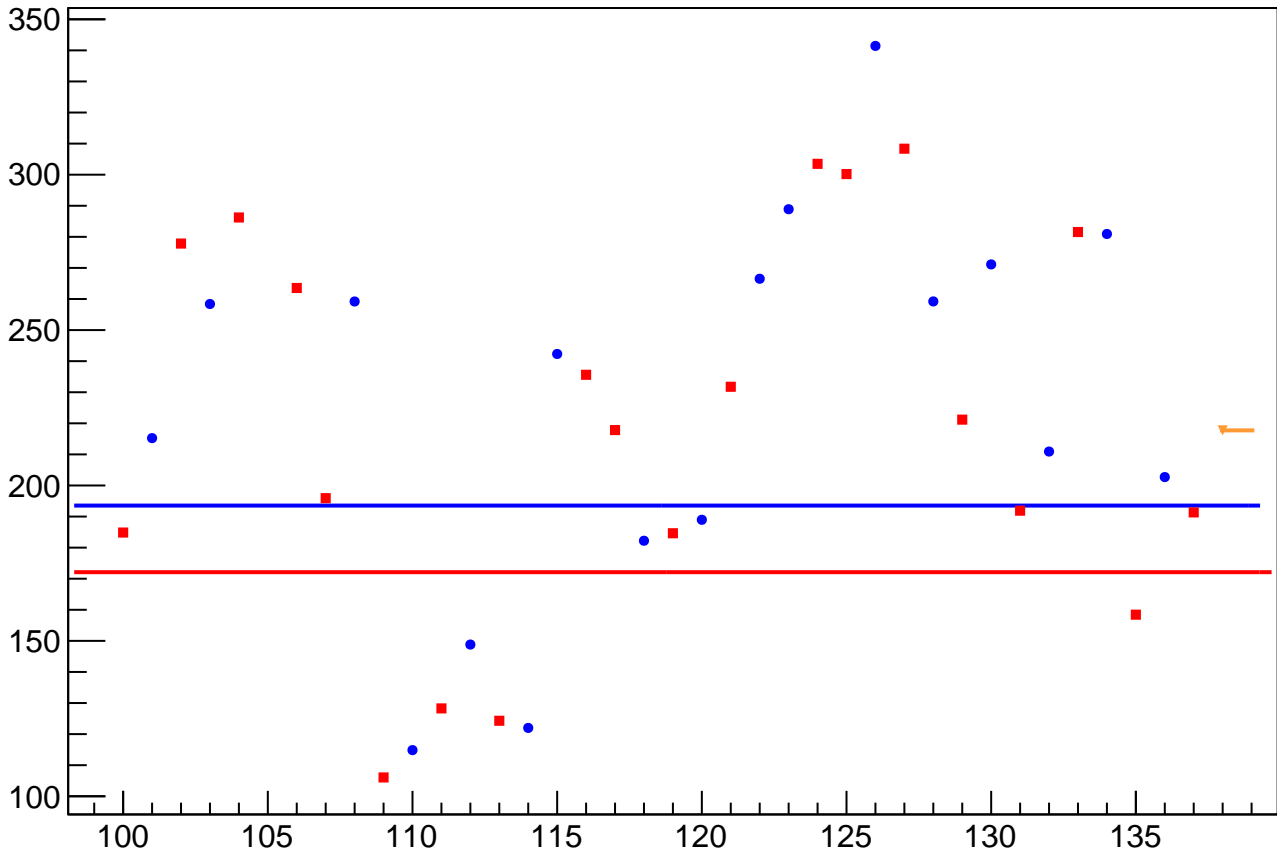
Right Out: -3.448+/-69.825 χ^2/NDF : 6.4/19

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

67.065+/-75.495 χ^2/NDF : 7.3/17

-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

195.646+/-0.053 χ^2/NDF : 1026800.6/17

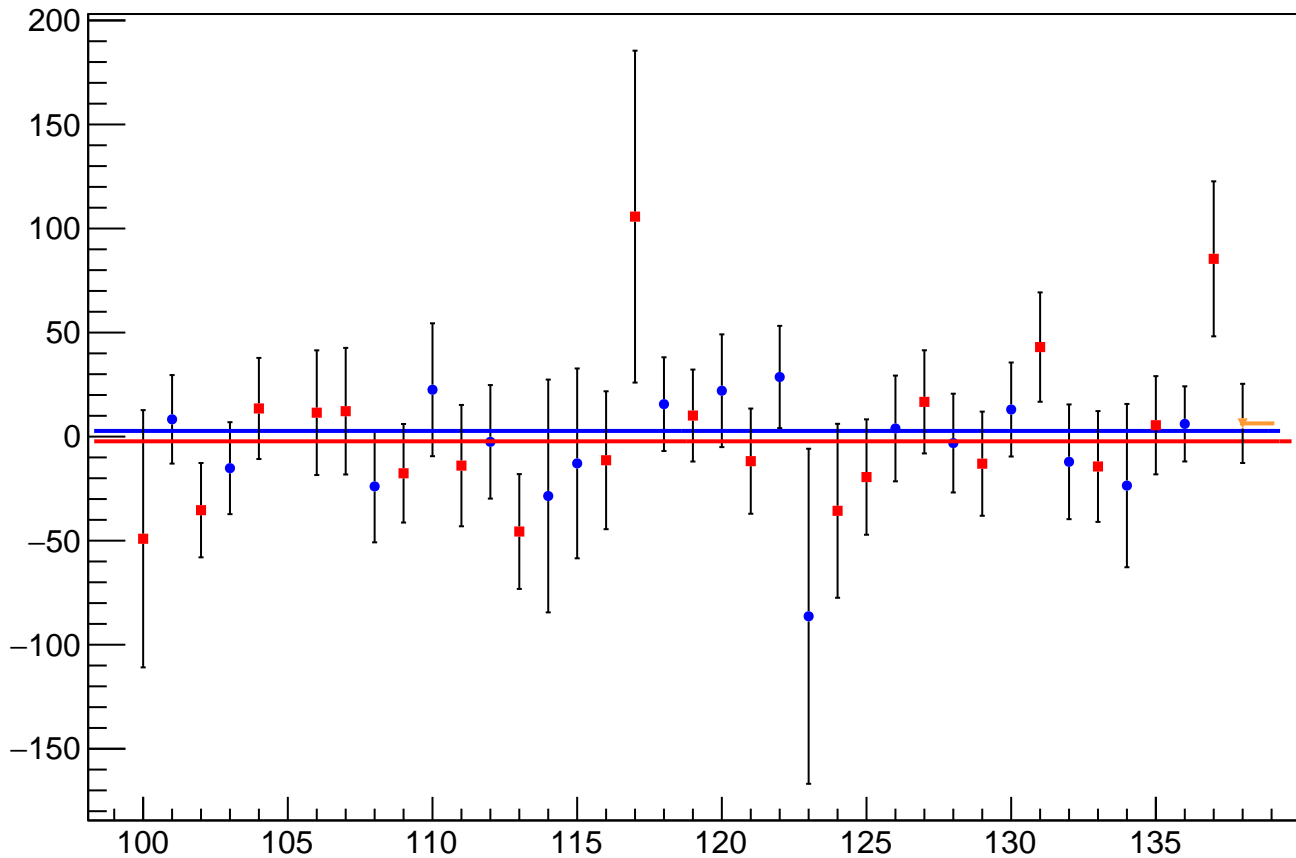
Left Out: 217.729+/-0.181 χ^2/NDF : 0.0/0

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

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

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

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: 6.348+/-19.018 χ^2 /NDF:0.0/0

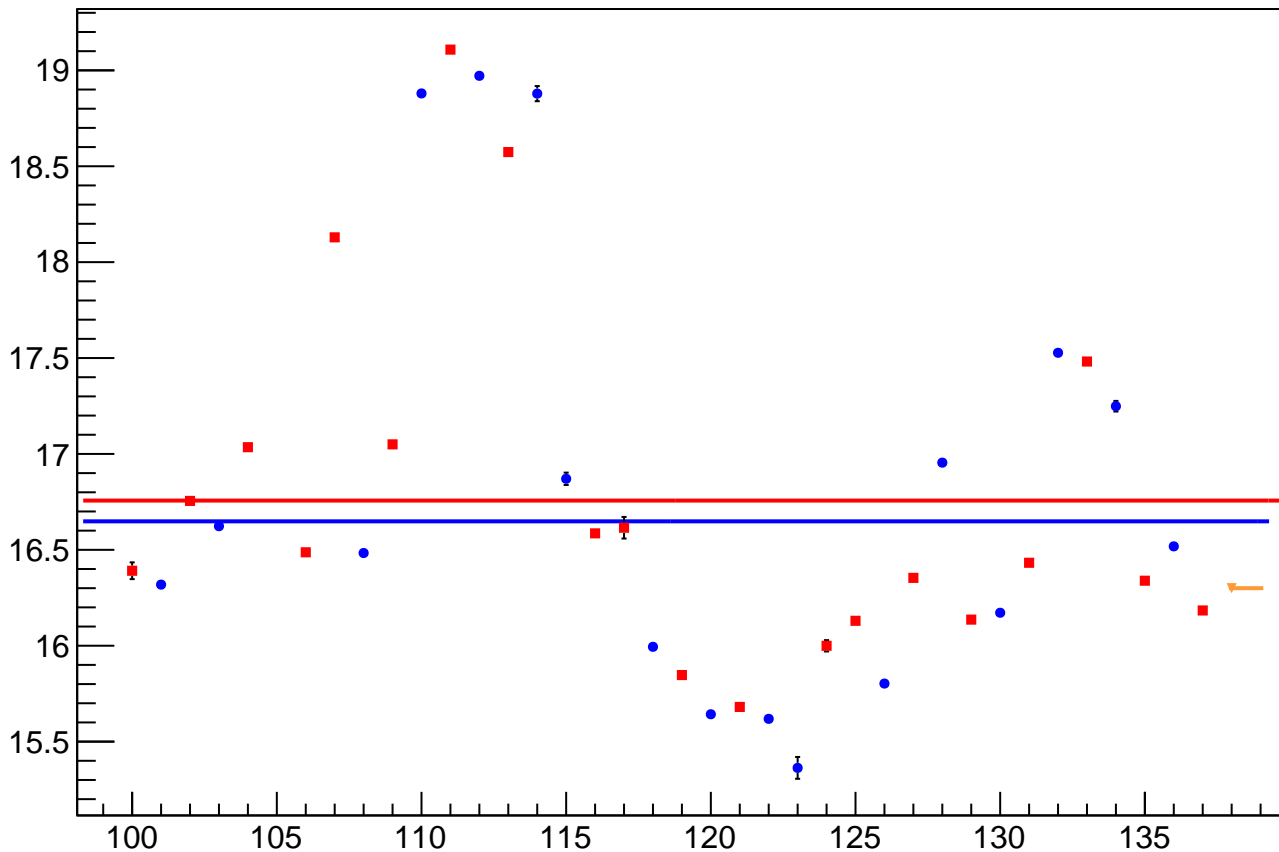
Right Out: -2.259+/-6.259 χ^2 /NDF: 19.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

3.104+/-6.086 χ^2 /NDF: 6.8/17

-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 \pm 0.005 χ^2 /NDF: 42566.9/16

Left Out: 16.300 \pm 0.013 χ^2 /NDF: 0.0/0

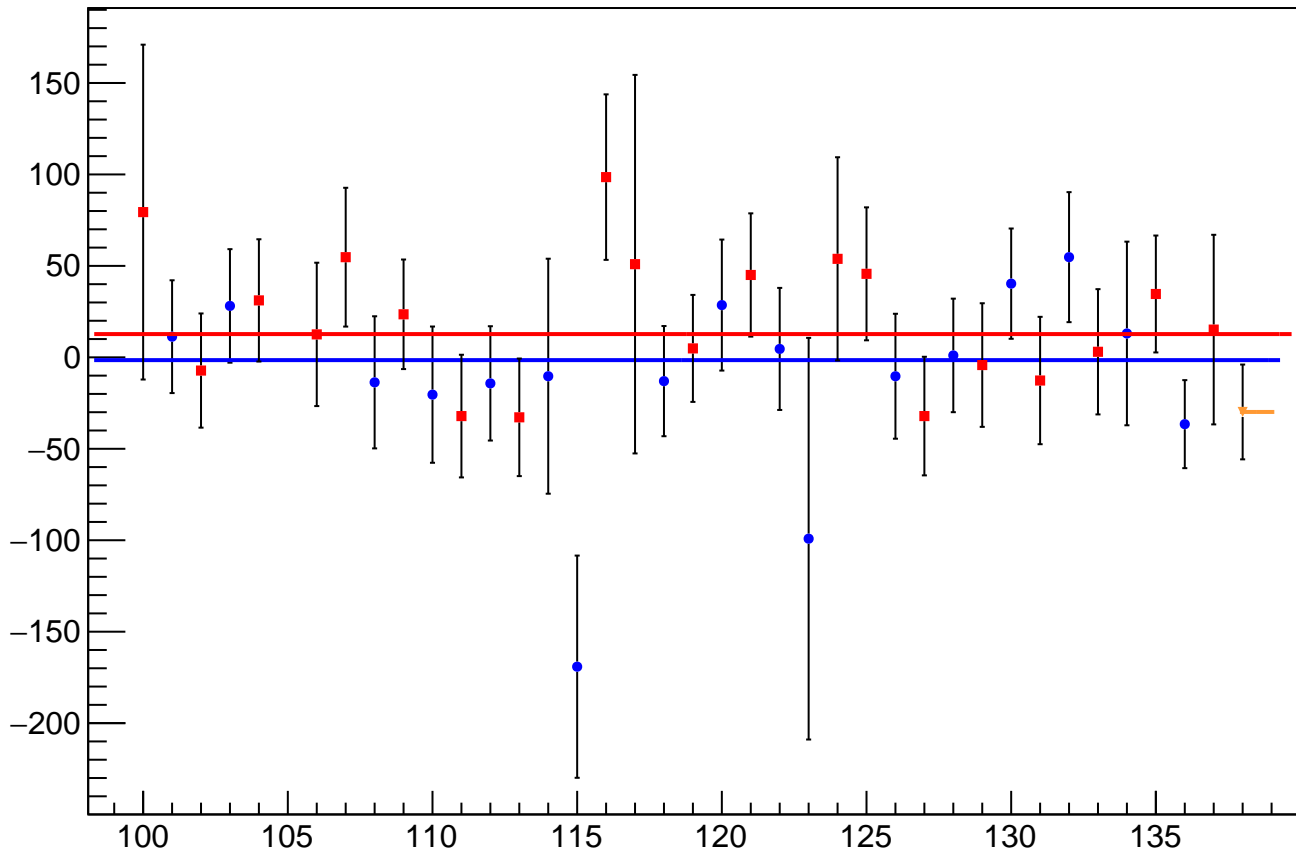
Right Out: 16.757 \pm 0.004 χ^2 /NDF: 39957.1/19

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

16.613 \pm 0.004 χ^2 /NDF: 43169.7/17

16.757 \pm 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 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -29.860 ± 25.917 $\chi^2/\text{NDF}: 0.0/0$

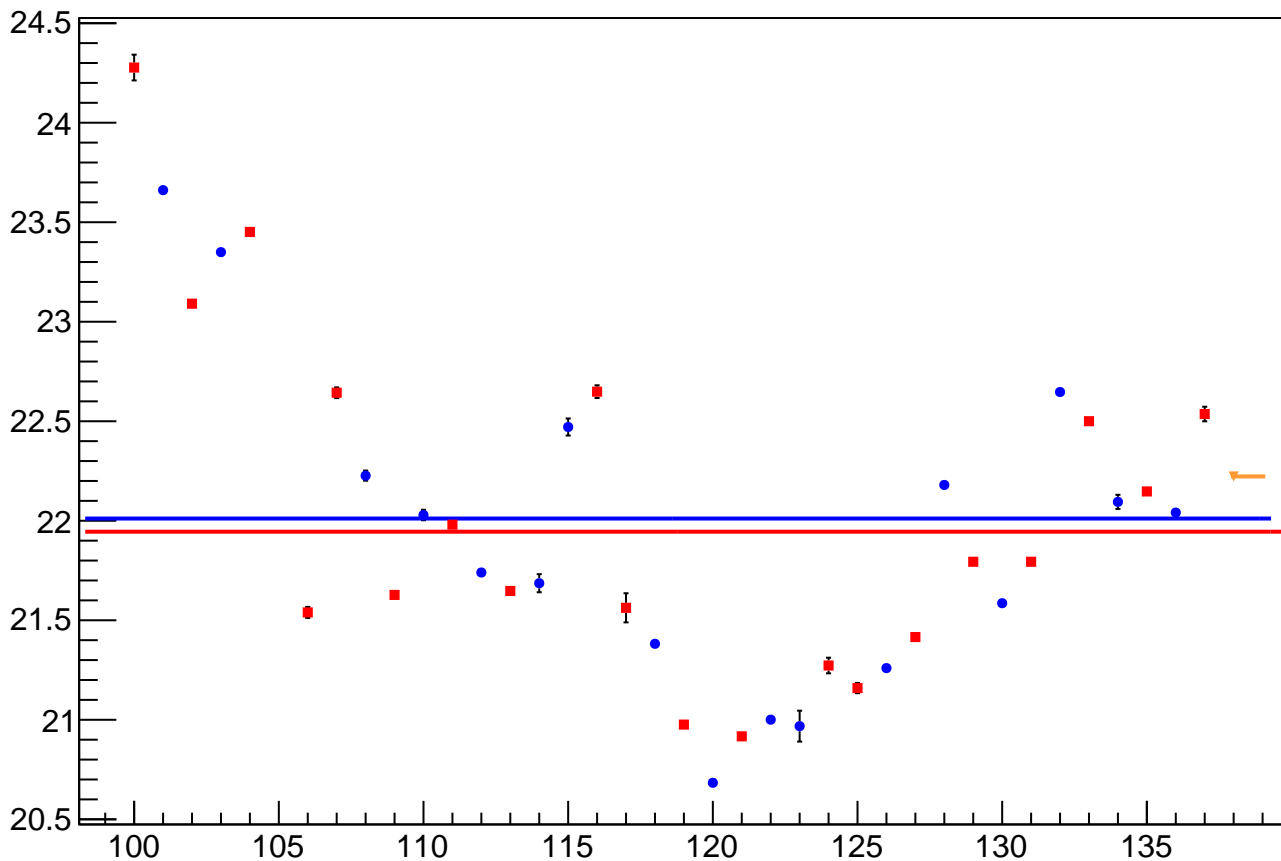
Right Out: 12.716 ± 8.185 $\chi^2/\text{NDF}: 15.7/19$

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

-4.266 ± 8.064 $\chi^2/\text{NDF}: 18.7/17$

12.716 ± 8.185 $\chi^2/\text{NDF}: 15.7/19$

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: 22.223+/-0.018 χ^2 /NDF:0.0/0

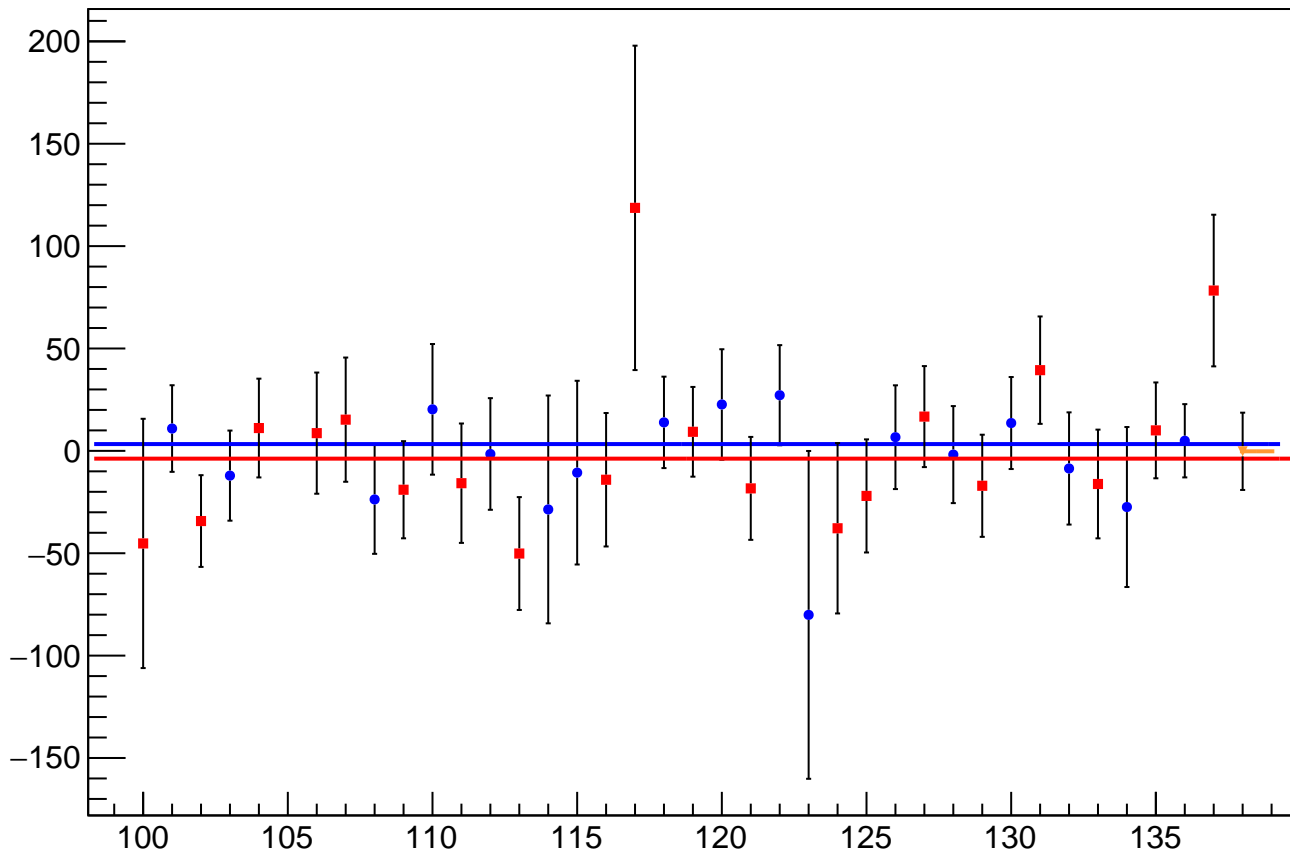
Right Out: 21.945+/-0.006 χ^2 /NDF: 16620.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.032+/-0.006 χ^2 /NDF: 17667.2/17

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: -0.219+/-18.874 χ^2 /NDF: 0.0/0

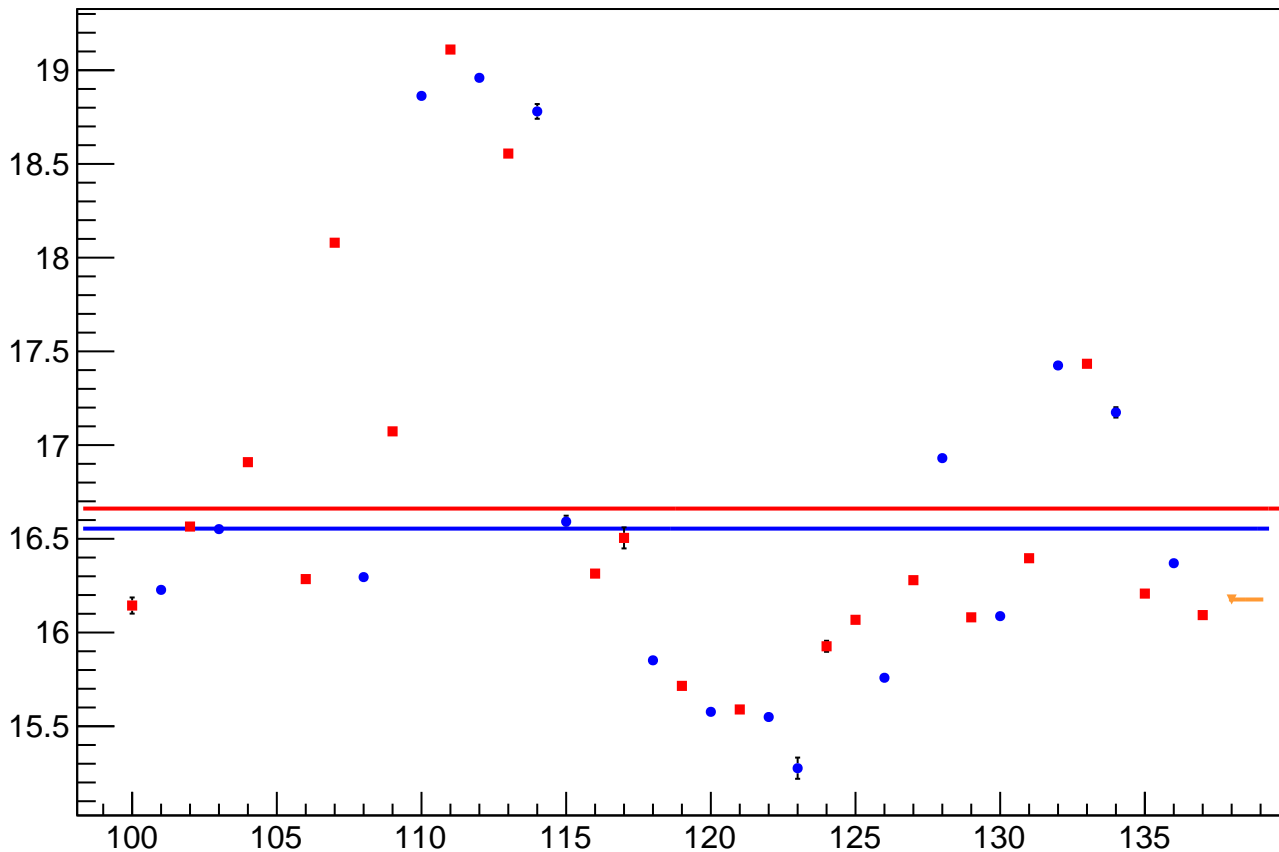
Right Out: -3.800+/-6.224 χ^2 /NDF: 20.1/19

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

2.953+/-6.051 χ^2 /NDF: 6.3/17

-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: 16.176+/-0.013 χ^2 /NDF:0.0/0

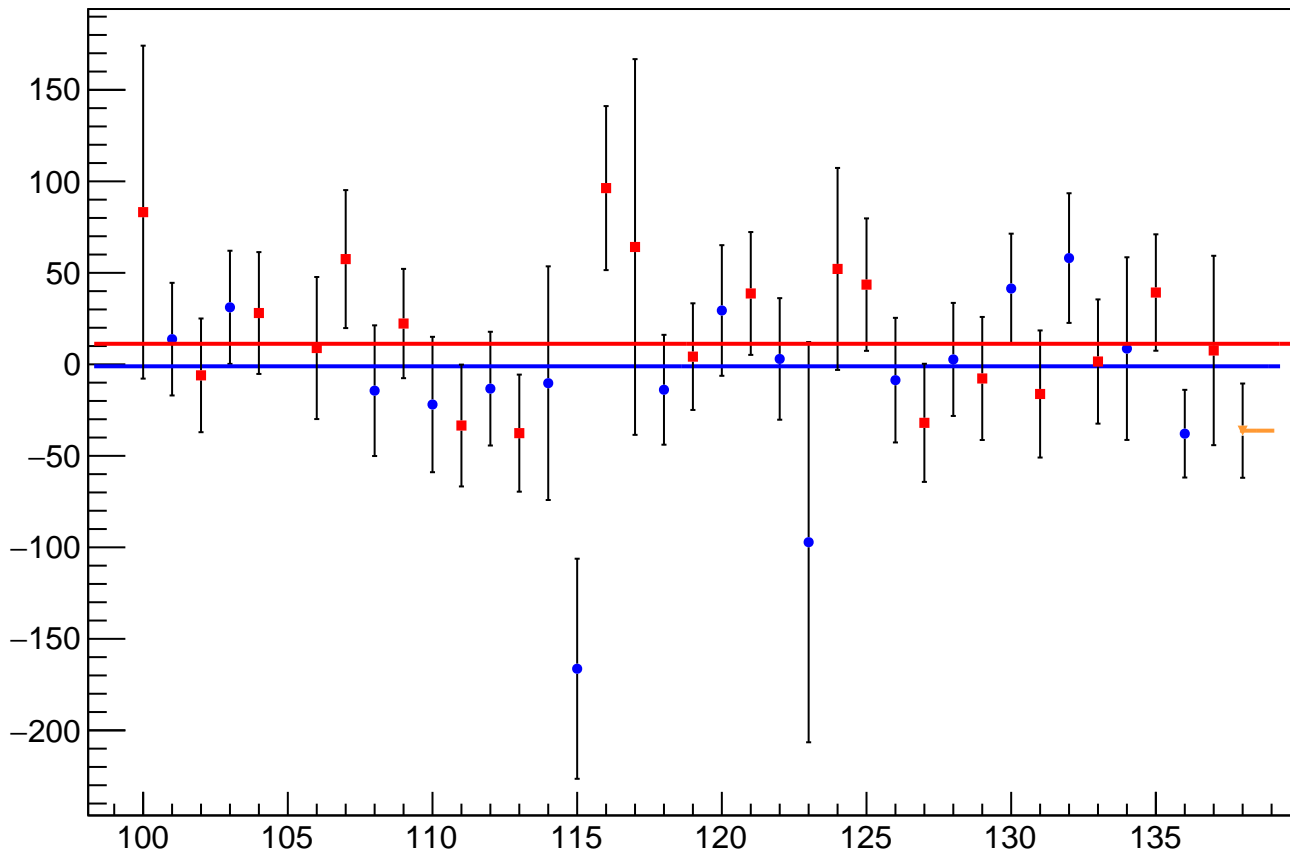
Right Out: 16.661+/-0.004 χ^2 /NDF: 43071.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

16.515+/-0.004 χ^2 /NDF: 45195.6/17

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 $\chi^2/\text{NDF}: 18.5/16$

Left Out: -36.236 ± 25.756 $\chi^2/\text{NDF}: 0.0/0$

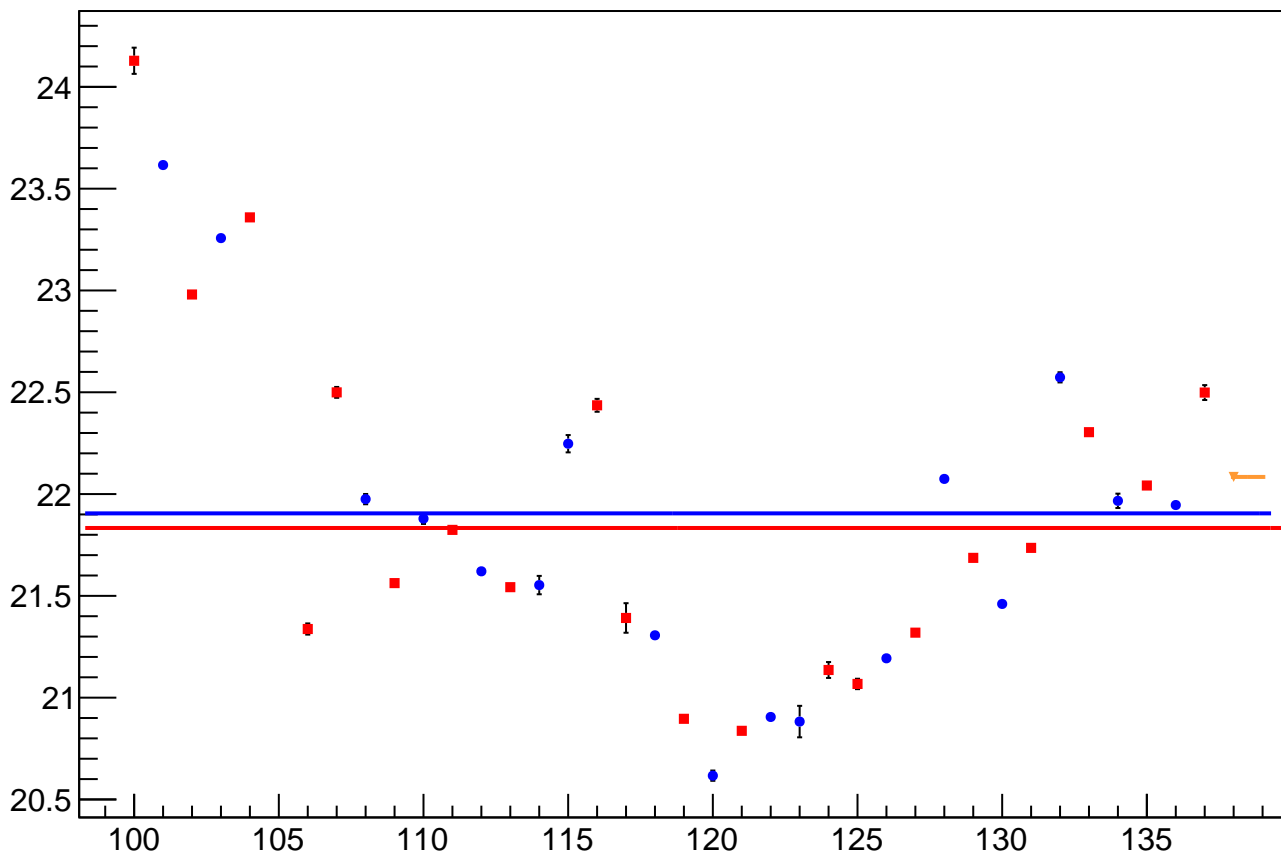
Right Out: 11.235 ± 8.143 $\chi^2/\text{NDF}: 16.5/19$

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

-4.482 ± 8.024 $\chi^2/\text{NDF}: 20.2/17$

11.235 ± 8.143 $\chi^2/\text{NDF}: 16.5/19$

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: 22.084+/-0.018 χ^2 /NDF:0.0/0

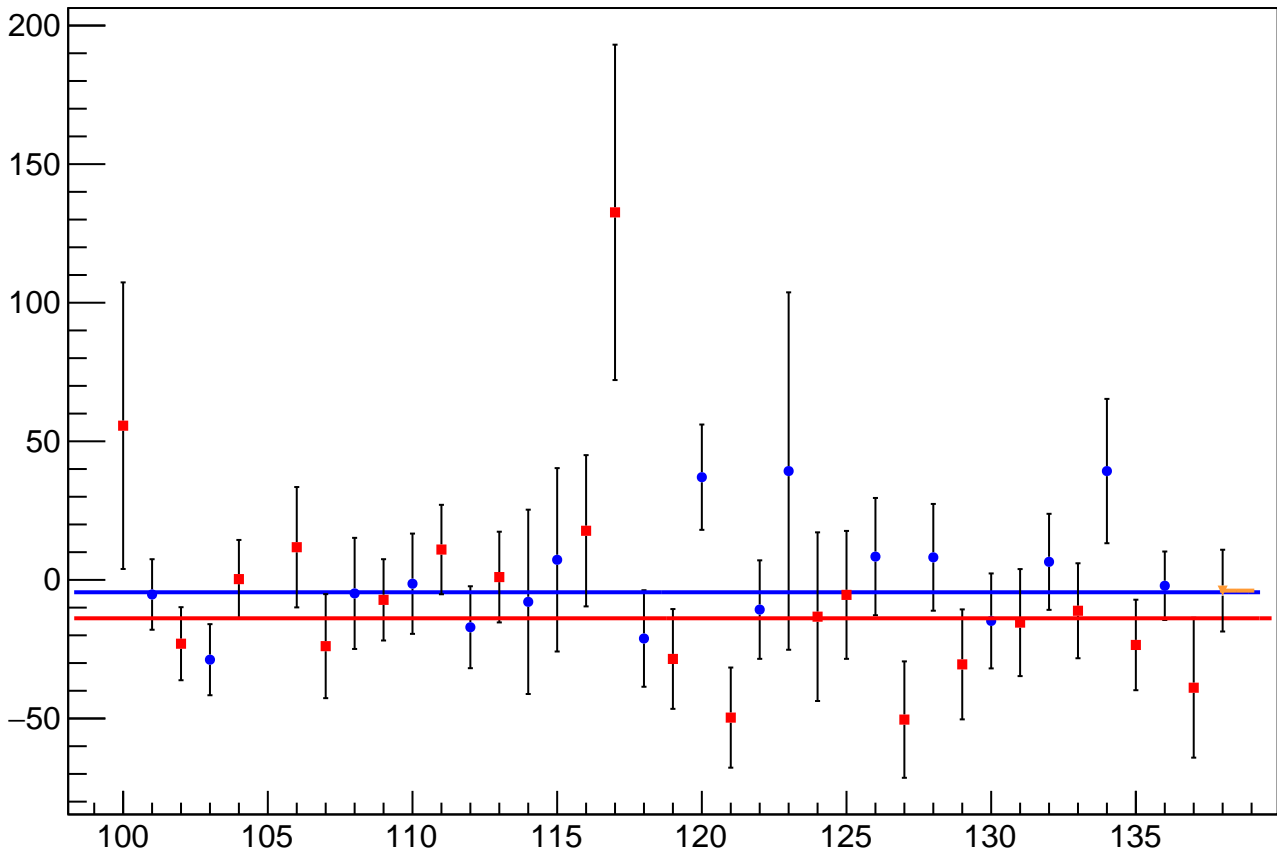
Right Out: 21.833+/-0.006 χ^2 /NDF: 16288.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

21.923+/-0.006 χ^2 /NDF: 17881.4/17

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: -3.868+/-14.749 χ^2 /NDF: 0.0/0

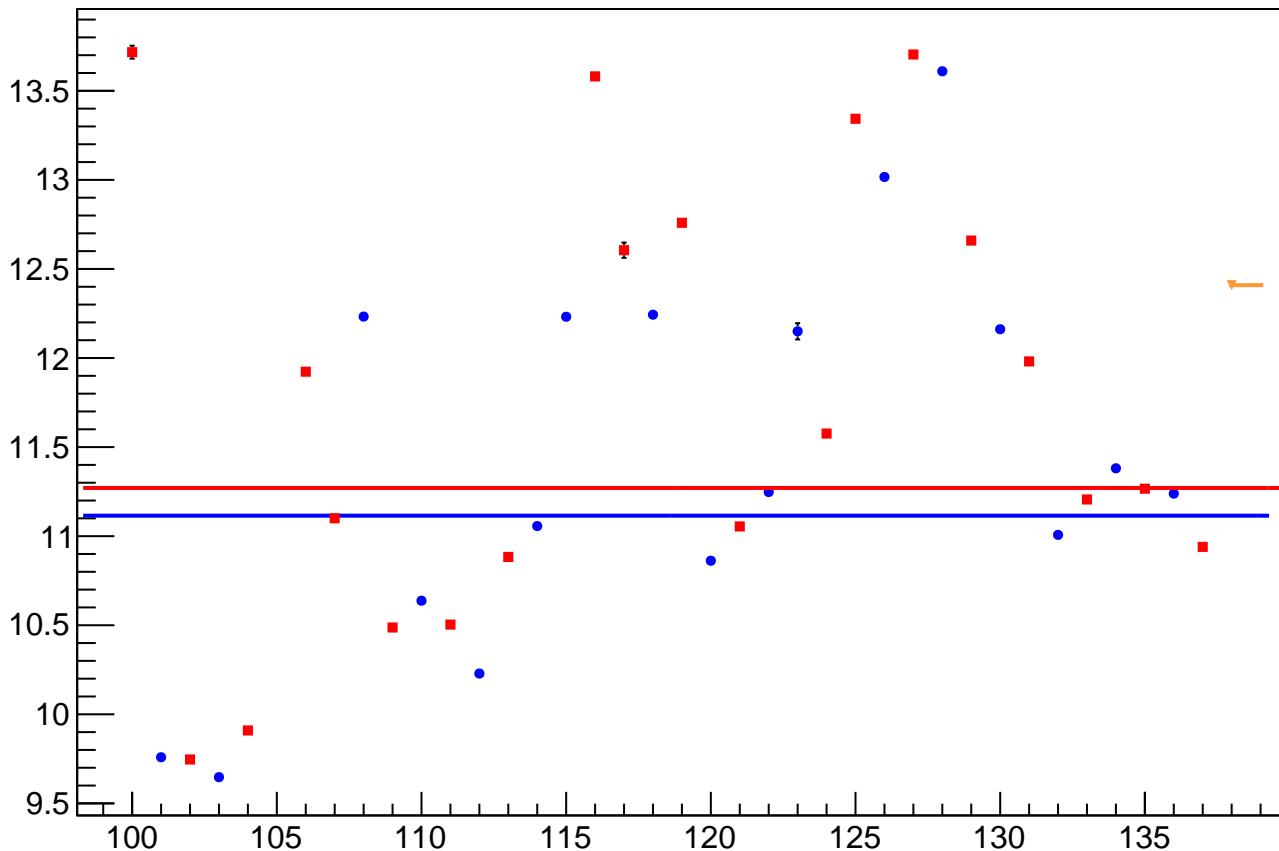
Right Out: -13.851+/-4.253 χ^2 /NDF: 25.4/19

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

-4.414+/-4.153 χ^2 /NDF: 15.2/17

-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: 12.409+/-0.010 χ^2 /NDF:0.0/0

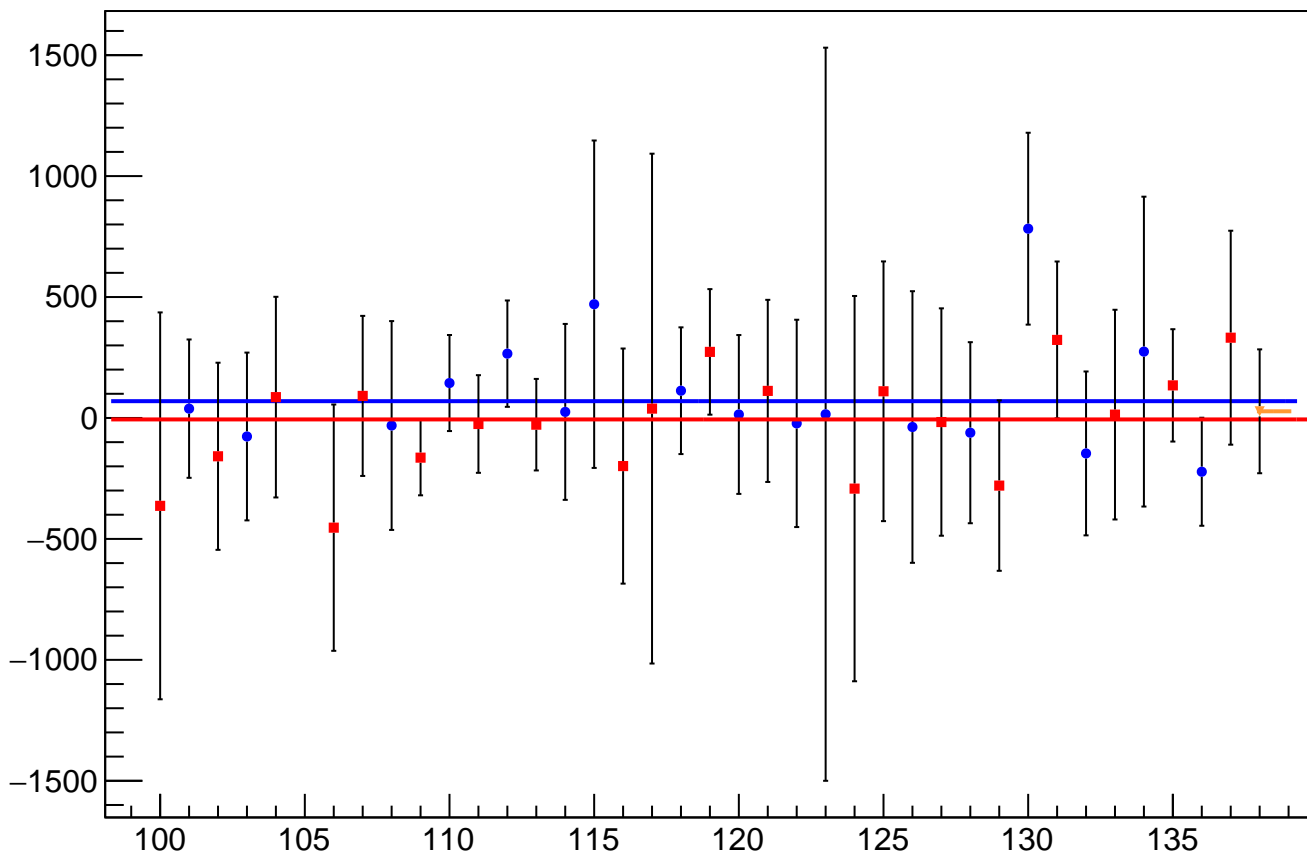
Right Out: 11.271+/-0.003 χ^2 /NDF: 148461.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

11.218+/-0.003 χ^2 /NDF: 147235.2/17

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: 27.590+/-256.065 χ^2/NDF : 0.0/0

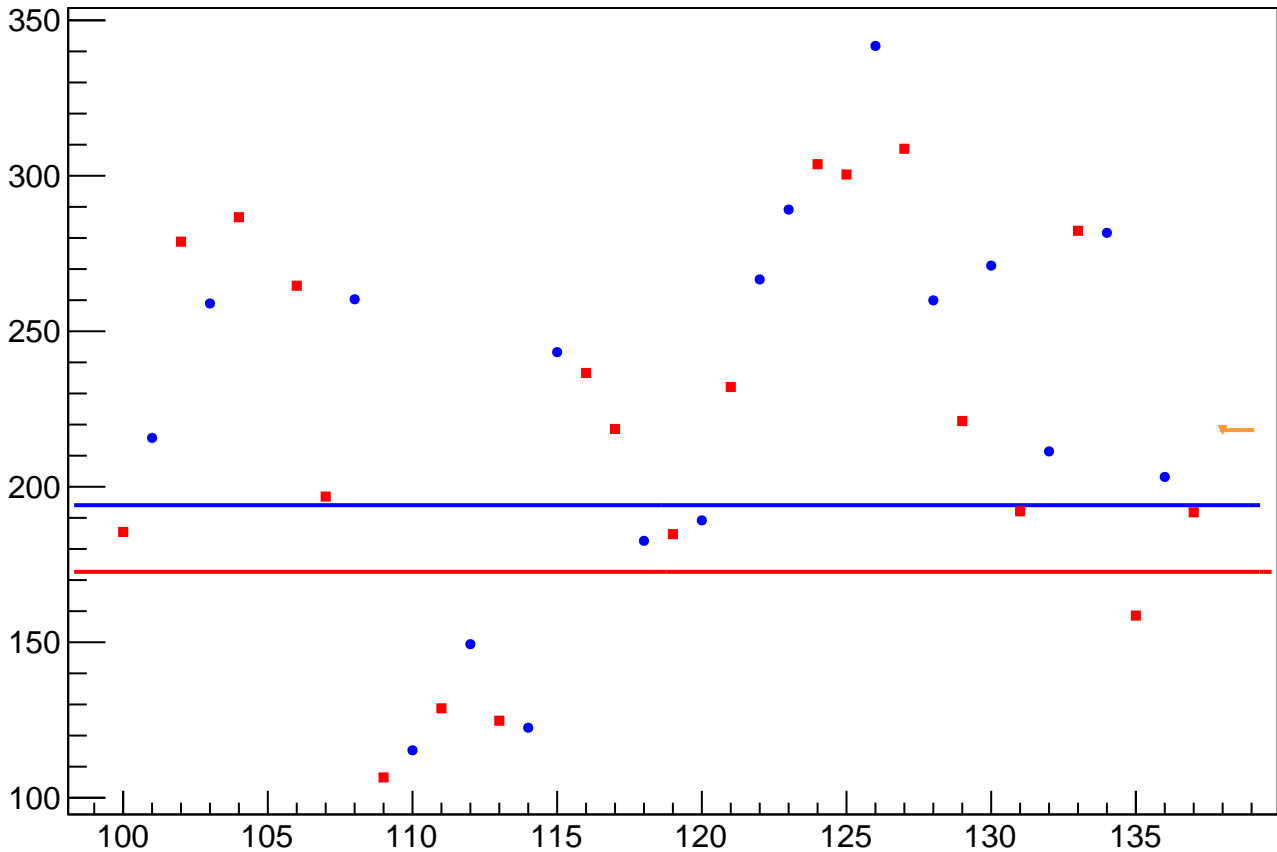
Right Out: -5.996+/-70.027 χ^2/NDF : 6.5/19

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

65.811+/-75.691 χ^2/NDF : 7.3/17

-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+/-0.056 χ^2 /NDF: 1005395.7/16

Left Out: 218.220+/-0.181 χ^2 /NDF:0.0/0

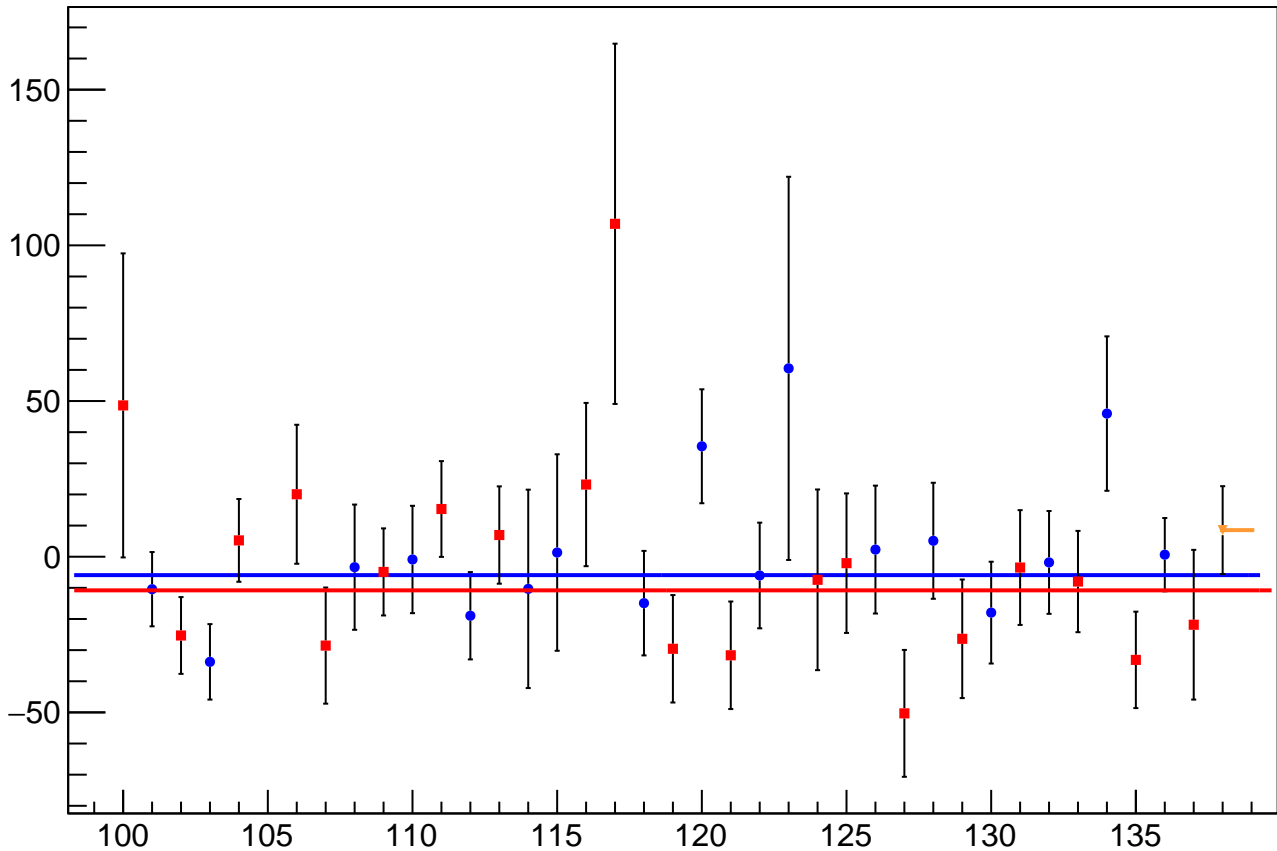
Right Out: 172.655+/-0.050 χ^2 /NDF: 1573277.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

196.191+/-0.054 χ^2 /NDF: 1021615.4/17

172.655+/-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 $\chi^2/\text{NDF}: 18.8/16$

Left Out: 8.540 ± 14.113 $\chi^2/\text{NDF}: 0.0/0$

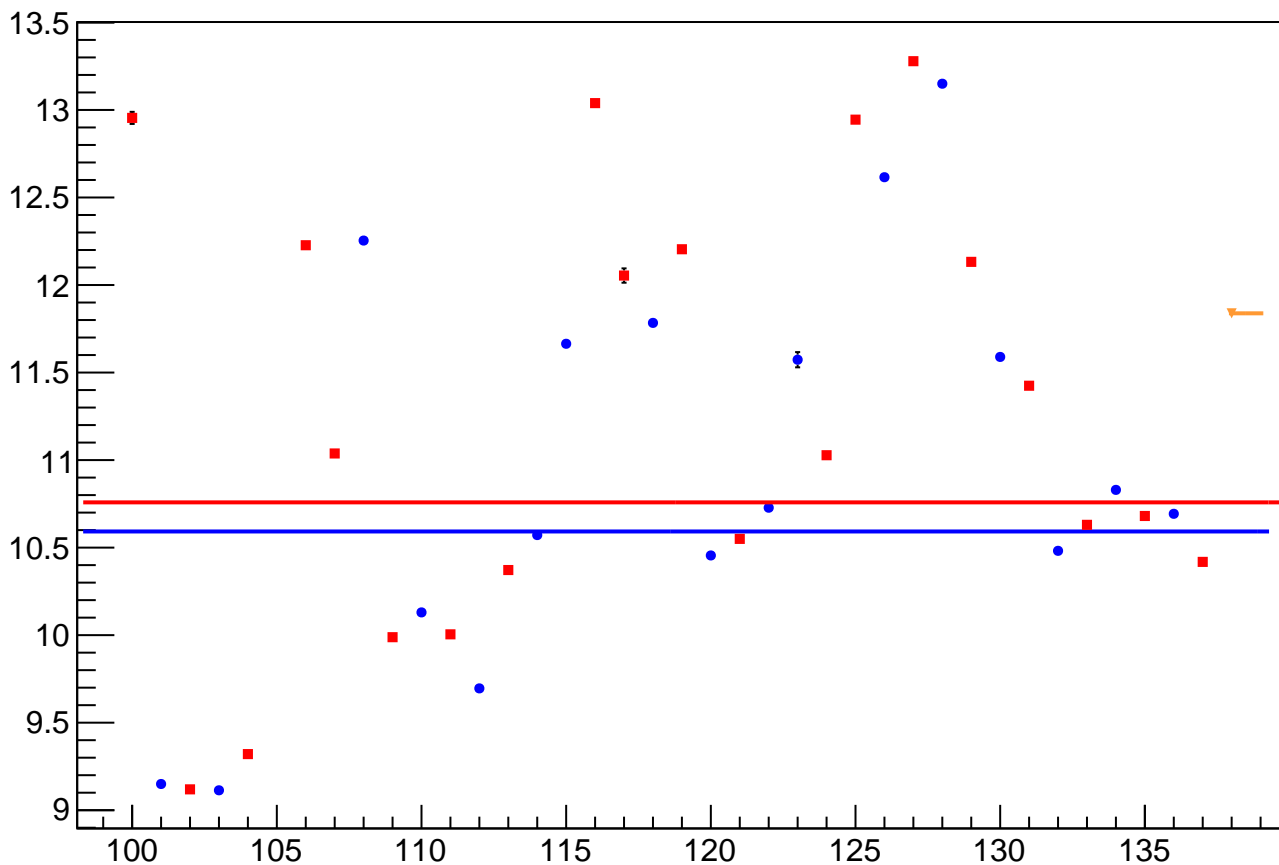
Right Out: -10.806 ± 4.068 $\chi^2/\text{NDF}: 27.0/19$

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

-4.771 ± 3.967 $\chi^2/\text{NDF}: 19.8/17$

-10.806 ± 4.068 $\chi^2/\text{NDF}: 27.0/19$

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: 11.838+/-0.010 χ^2 /NDF:0.0/0

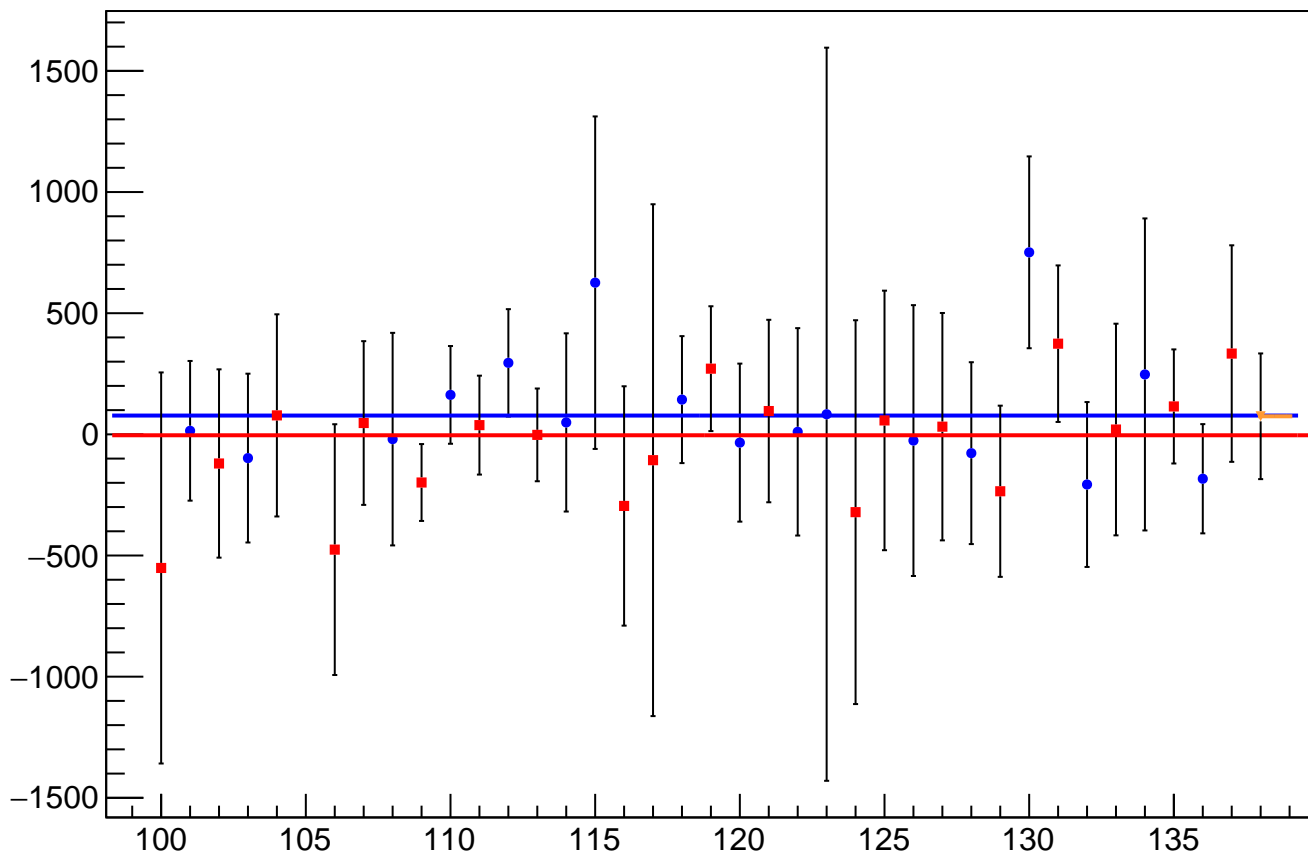
10.691+/-0.003 χ^2 /NDF: 174758.2/17

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: 74.574+/-259.348 χ^2/NDF : 0.0/0

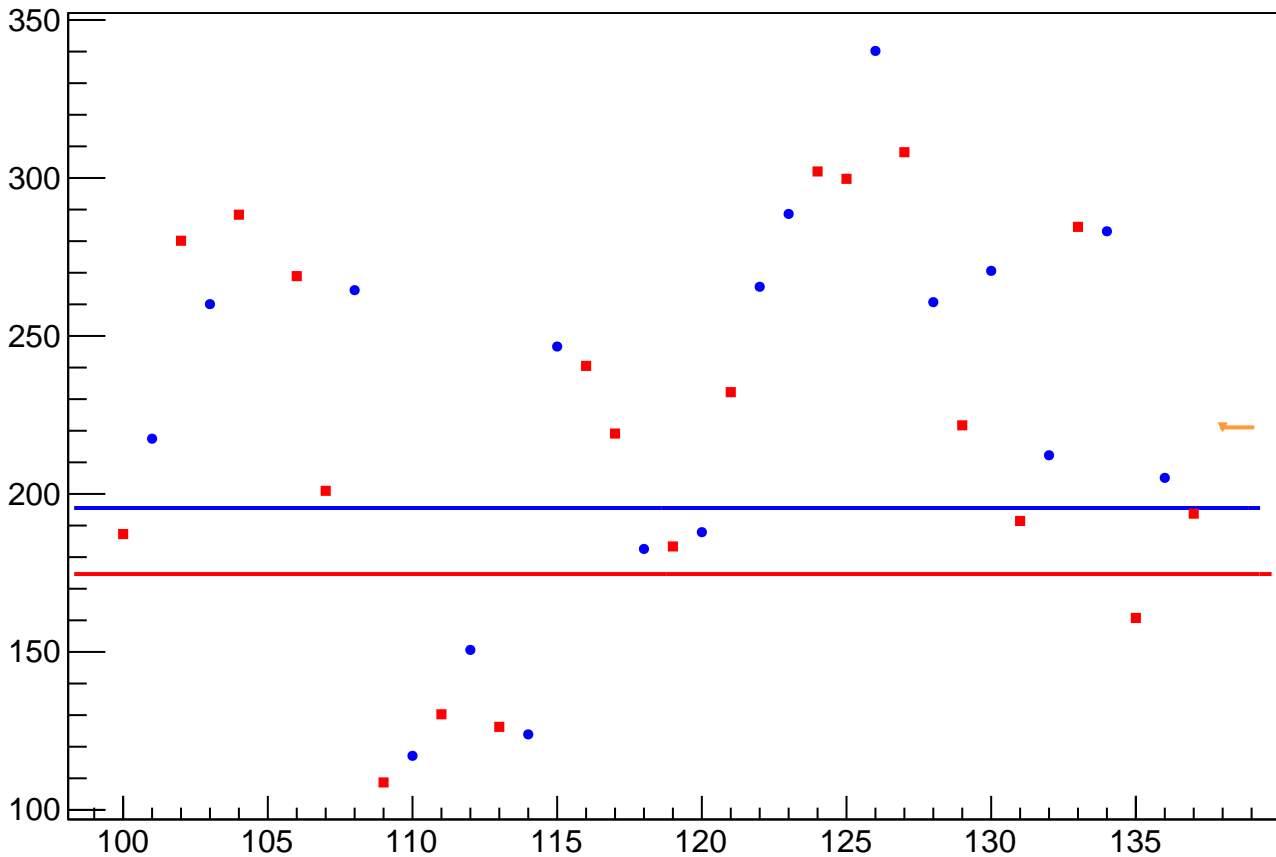
Right Out: -3.768+/-70.696 χ^2/NDF : 7.4/19

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

77.329+/-76.228 χ^2/NDF : 7.6/17

-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 $\chi^2/\text{NDF}: 979937.7/16$

Left Out: 221.062 ± 0.183 $\chi^2/\text{NDF}: 0.0/0$

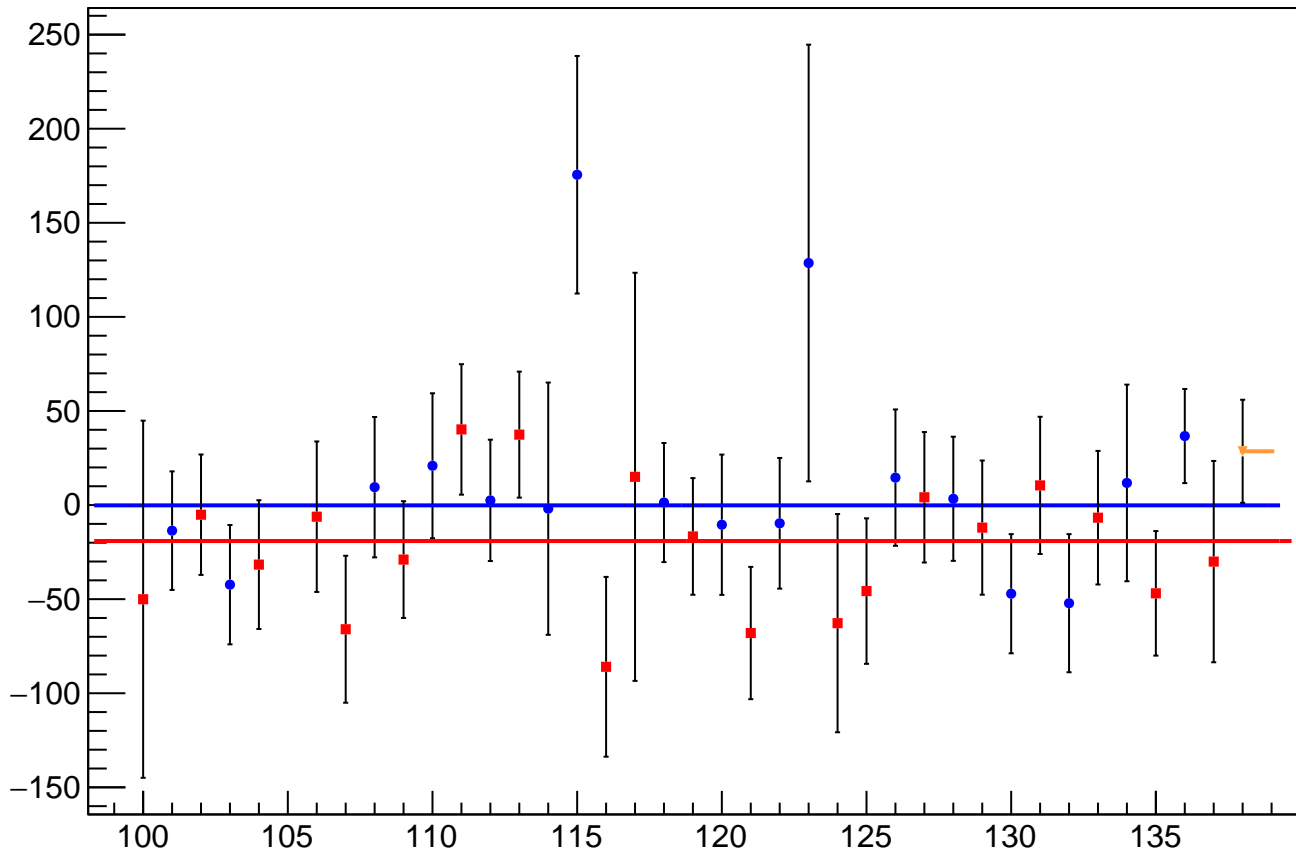
Right Out: 174.649 ± 0.050 $\chi^2/\text{NDF}: 1532189.1/19$

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

197.755 ± 0.054 $\chi^2/\text{NDF}: 997617.4/17$

174.649 ± 0.050 $\chi^2/\text{NDF}: 1532189.1/19$

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -0.158 ± 8.826 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 28.570 ± 27.391 $\chi^2/\text{NDF}: 0.0/0$

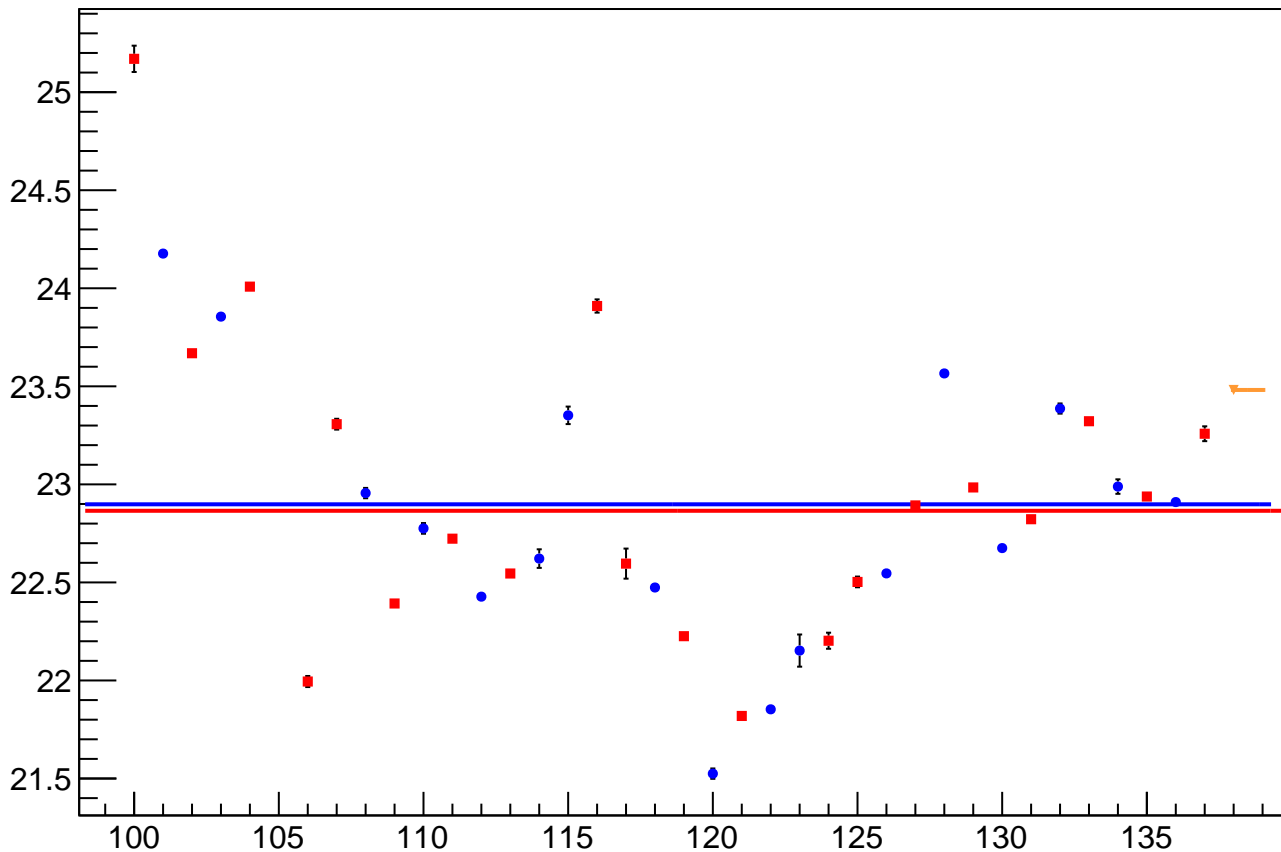
Right Out: -19.104 ± 8.527 $\chi^2/\text{NDF}: 14.9/19$

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

2.544 ± 8.401 $\chi^2/\text{NDF}: 19.1/17$

-19.104 ± 8.527 $\chi^2/\text{NDF}: 14.9/19$

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: 23.481+/-0.019 χ^2 /NDF:0.0/0

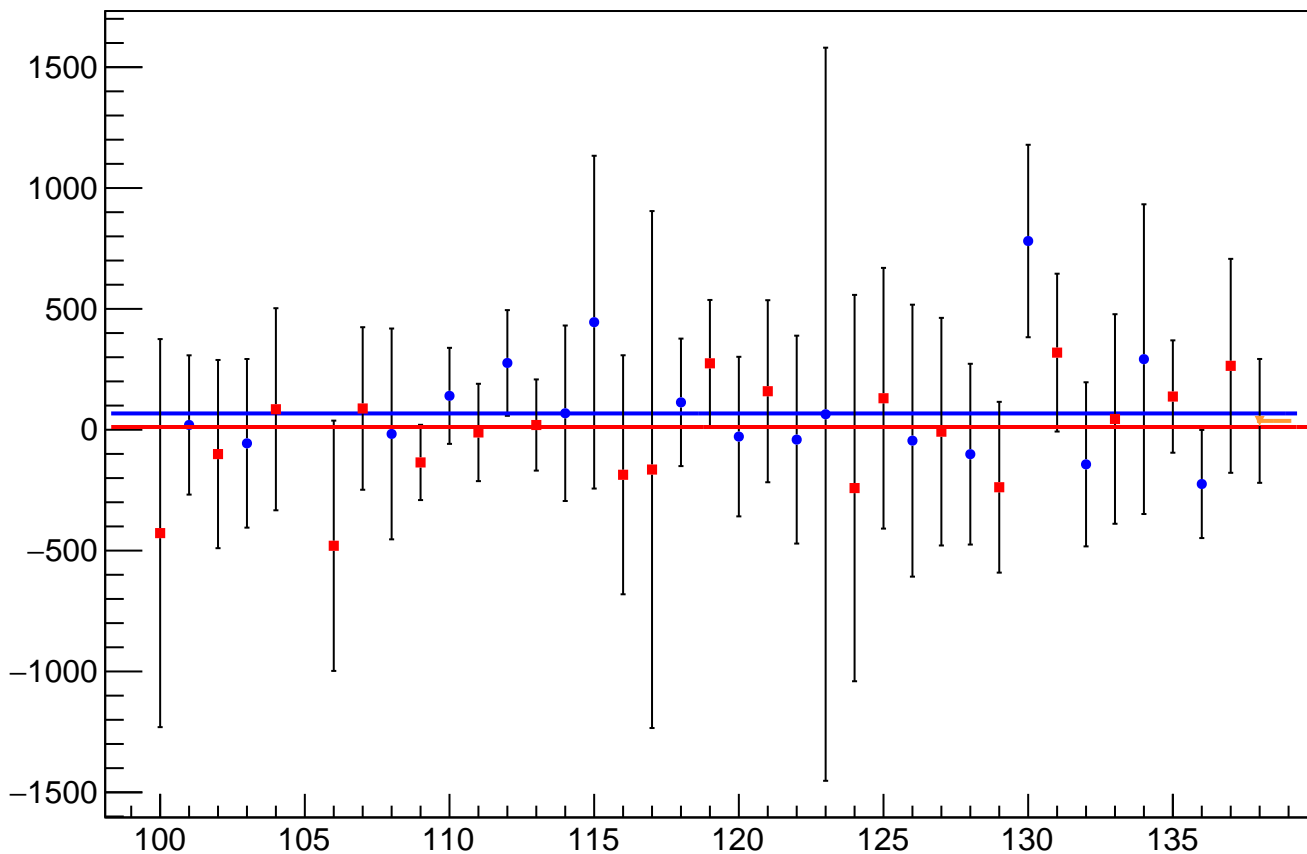
Right Out: 22.865+/-0.006 χ^2 /NDF: 11060.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.953+/-0.006 χ^2 /NDF: 12964.4/17

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: 36.600+/-256.208 χ^2 /NDF:0.0/0

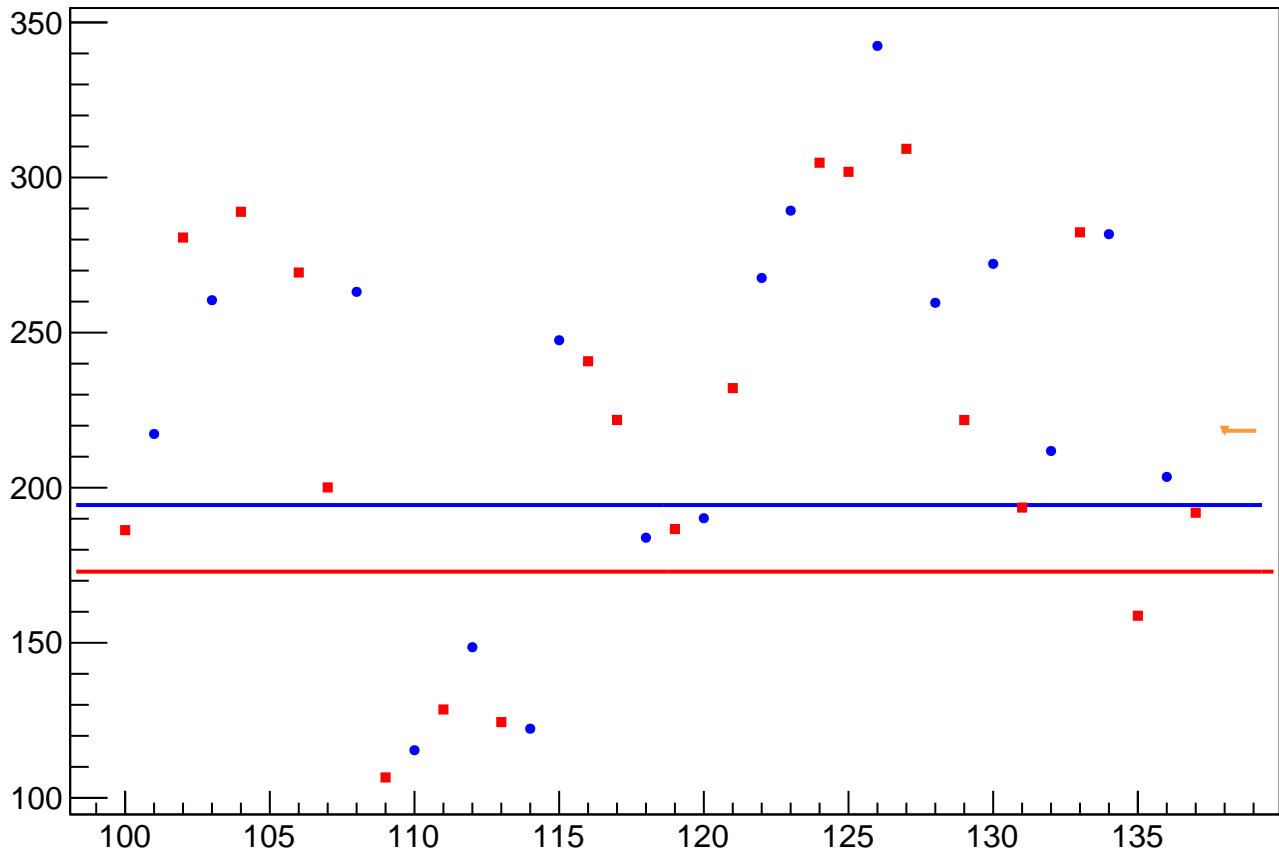
Right Out: 11.355+/-70.203 χ^2 /NDF: 5.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

64.745+/-75.845 χ^2 /NDF: 7.4/17

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: 218.347+/-0.181 χ^2 /NDF:0.0/0

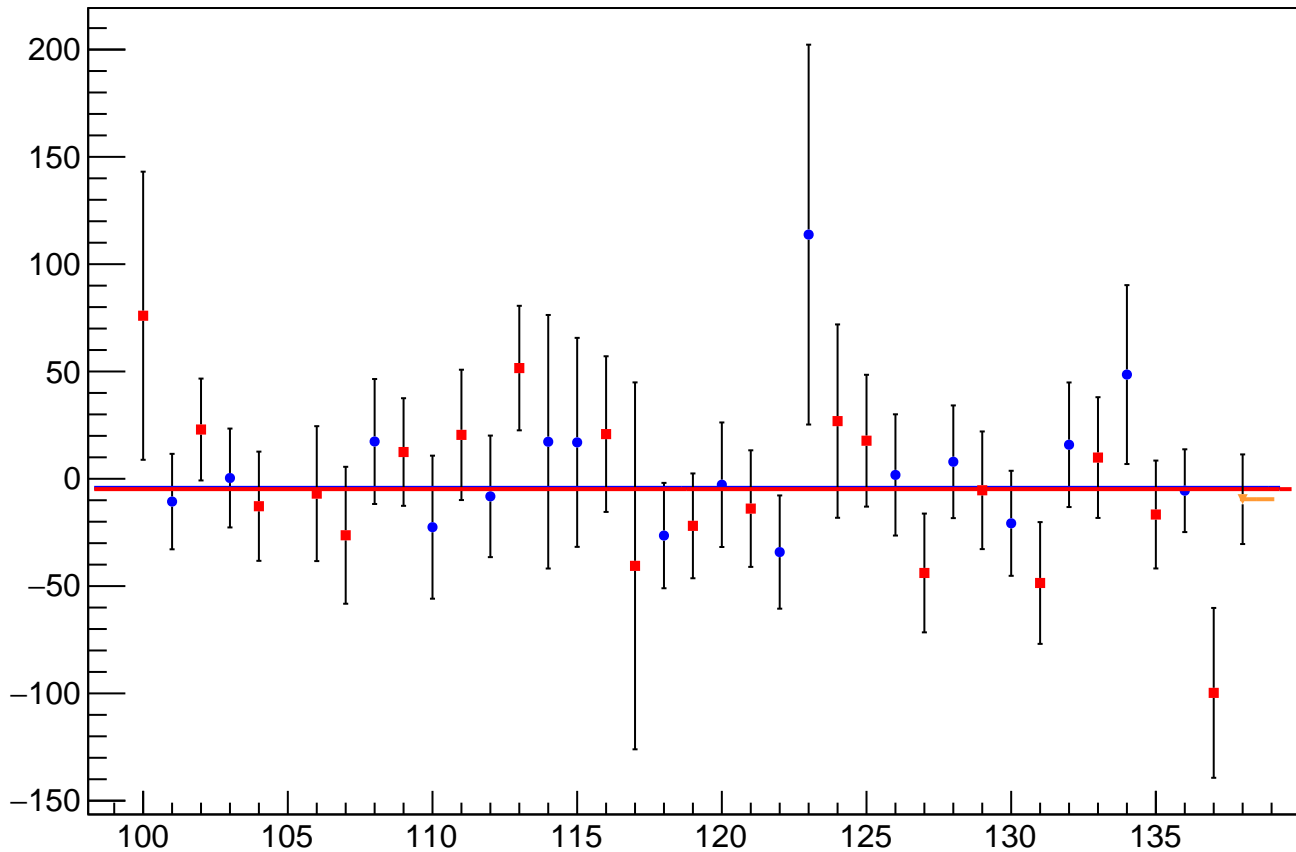
Right Out: 172.942+/-0.050 χ^2 /NDF: 1600959.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

196.508+/-0.054 χ^2 /NDF: 1035840.4/17

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: -9.522+/-20.883 χ^2 /NDF:0.0/0

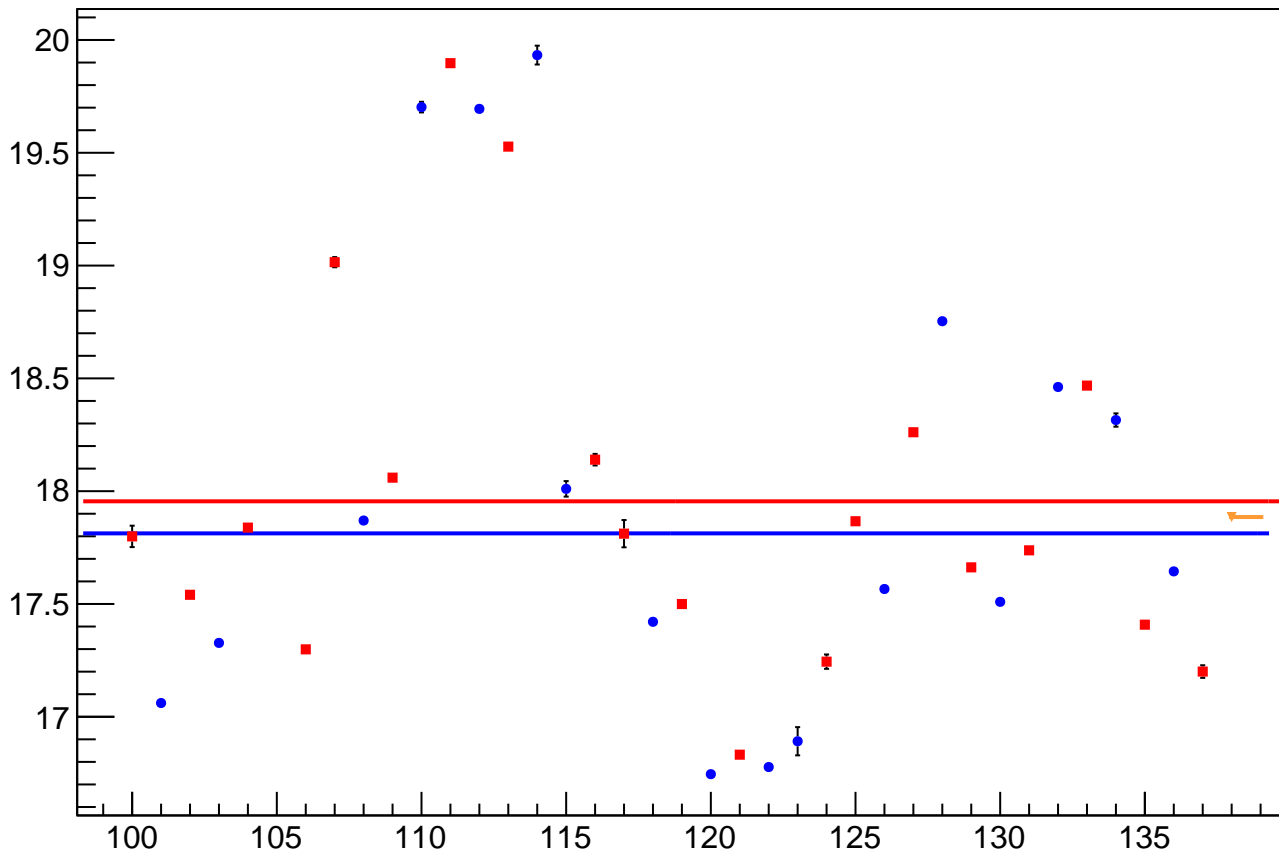
Right Out: -4.820+/-6.704 χ^2 /NDF: 21.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.741+/-6.527 χ^2 /NDF: 8.1/17

-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: 17.885+/-0.015 χ^2 /NDF:0.0/0

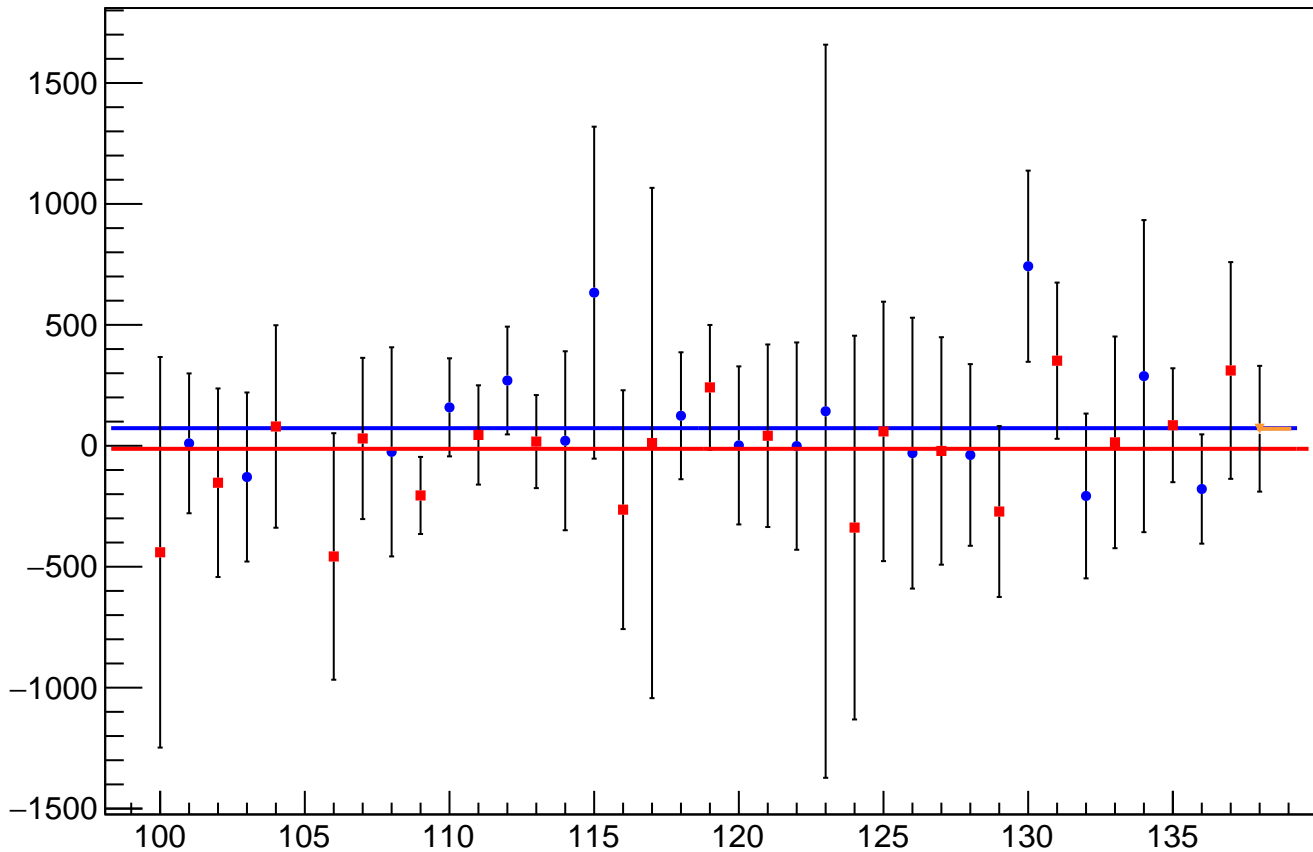
Right Out: 17.955+/-0.005 χ^2 /NDF: 25451.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.820+/-0.005 χ^2 /NDF: 32056.4/17

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: 70.524+/-260.039 χ^2/NDF : 0.0/0

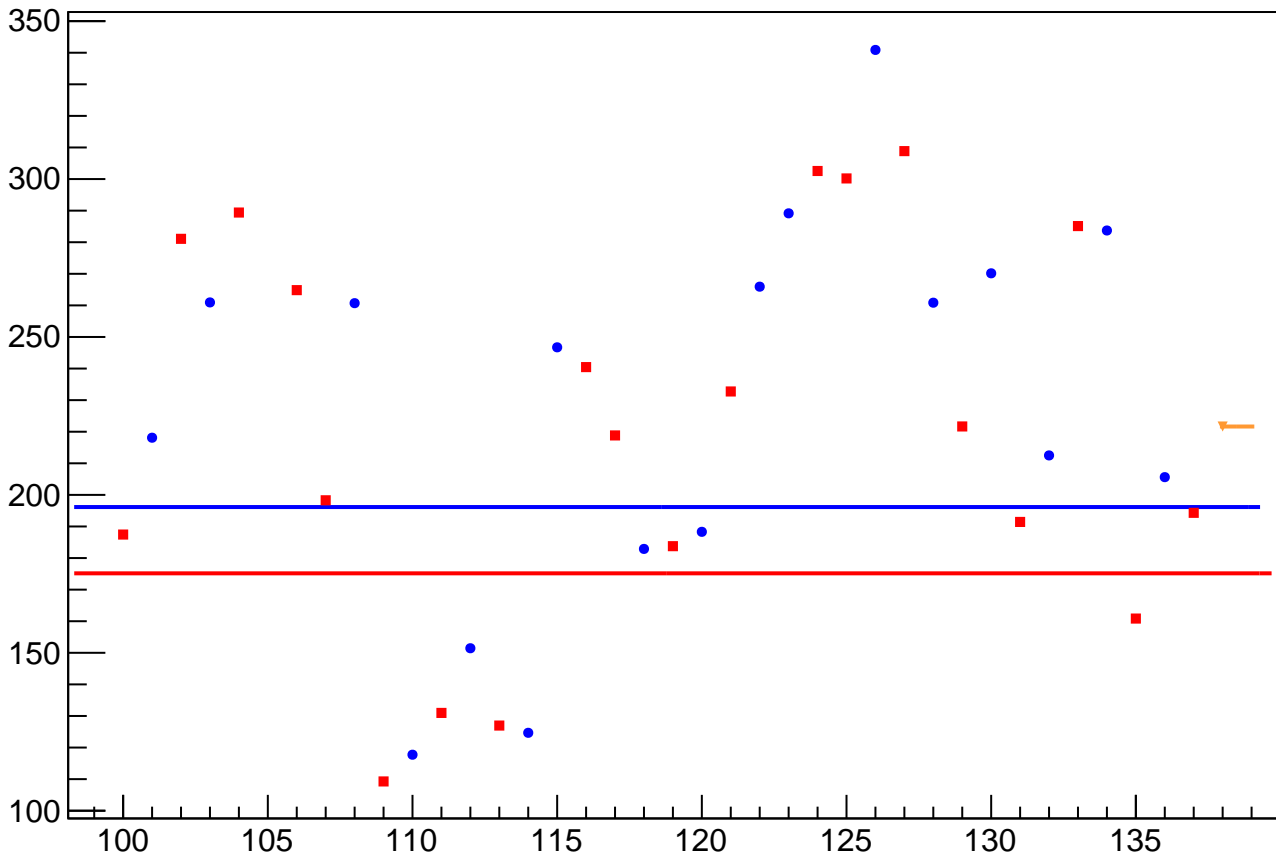
Right Out: -12.456+/-70.853 χ^2/NDF : 6.7/19

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

72.684+/-76.418 χ^2/NDF : 7.2/17

-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: 221.647+/-0.184 χ^2 /NDF:0.0/0

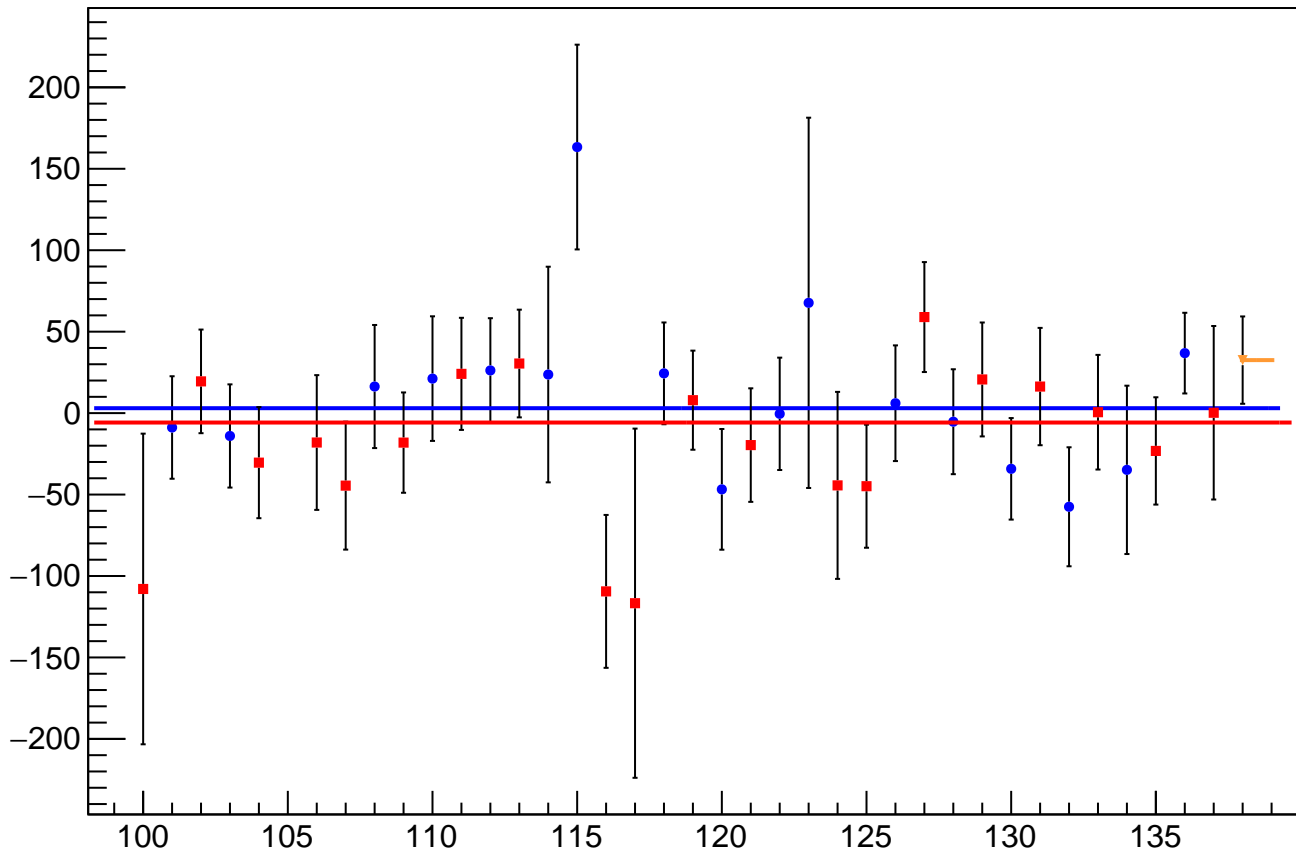
Right Out: 175.163+/-0.050 χ^2 /NDF: 1514398.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

198.353+/-0.054 χ^2 /NDF: 982564.6/17

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 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 32.537 ± 26.809 $\chi^2/\text{NDF}: 0.0/0$

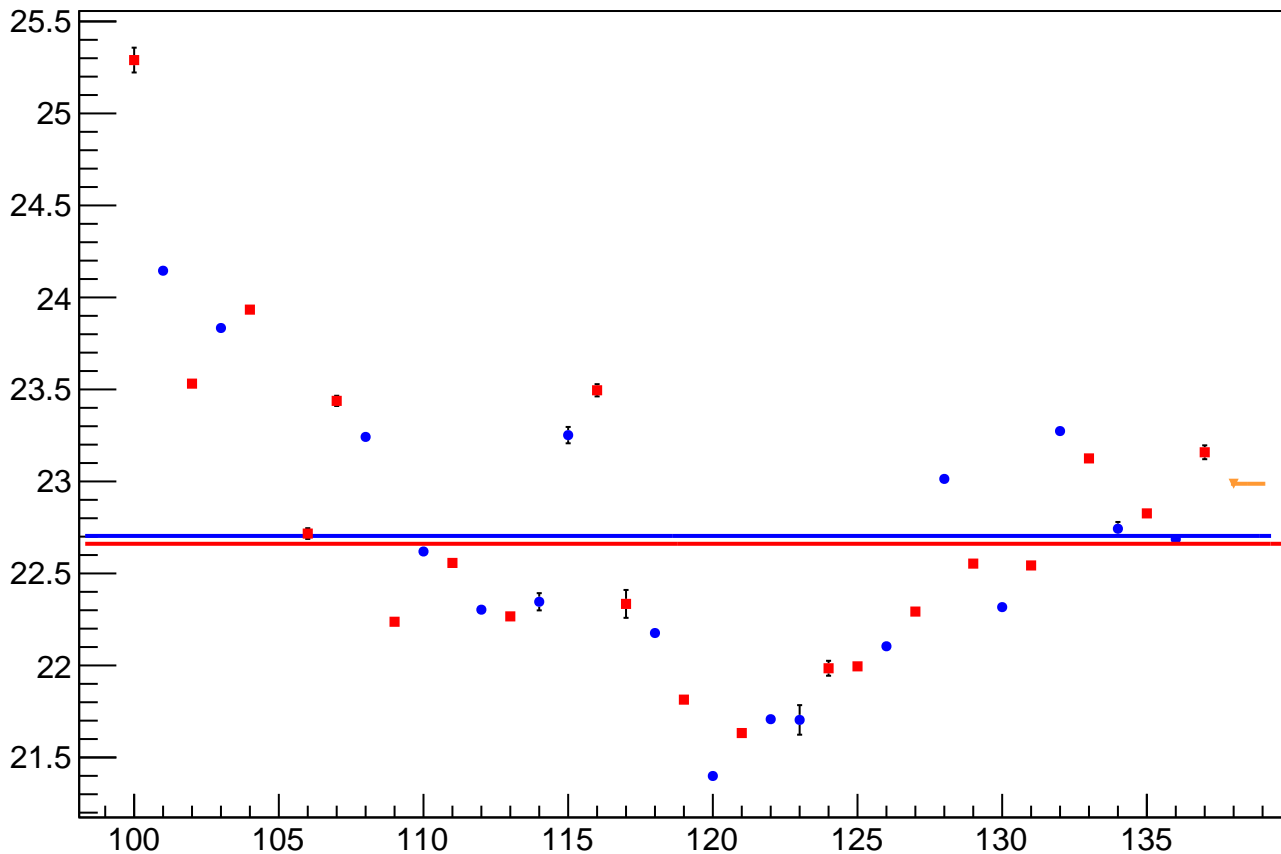
Right Out: -5.786 ± 8.451 $\chi^2/\text{NDF}: 18.3/19$

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

5.864 ± 8.319 $\chi^2/\text{NDF}: 18.3/17$

-5.786 ± 8.451 $\chi^2/\text{NDF}: 18.3/19$

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: 22.987+/-0.019 χ^2 /NDF:0.0/0

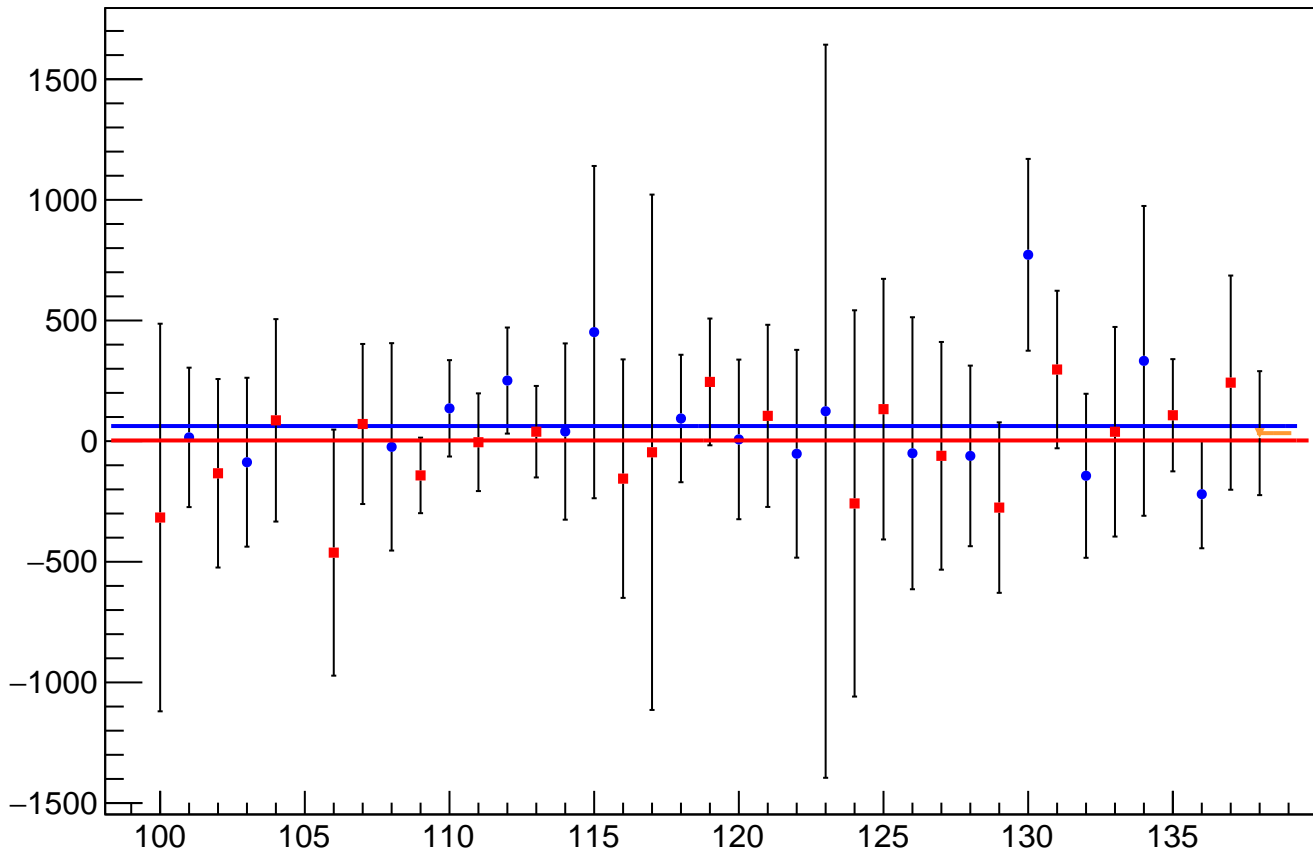
Right Out: 22.661+/-0.006 χ^2 /NDF: 12962.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

22.731+/-0.006 χ^2 /NDF: 14307.9/17

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: 33.155+/-256.900 χ^2/NDF : 0.0/0

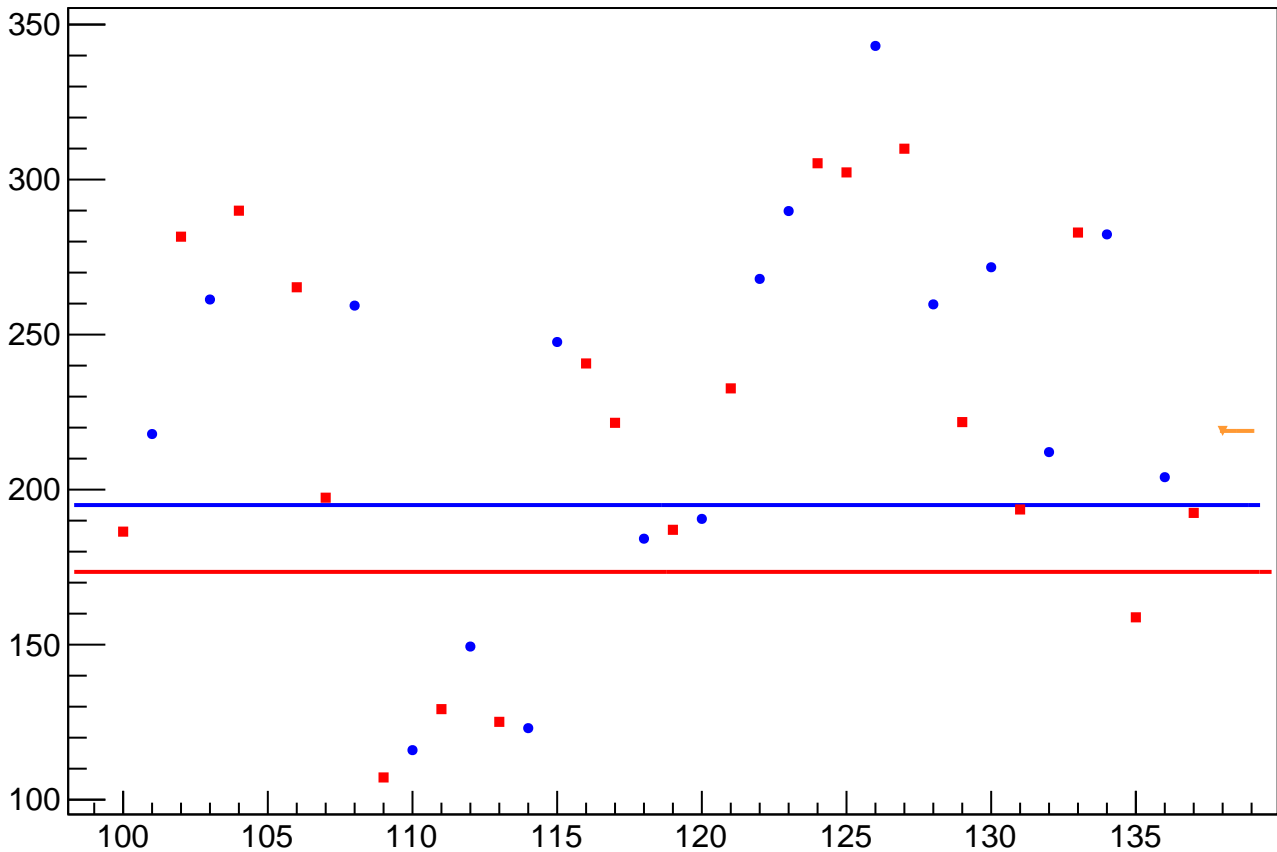
Right Out: 2.824+/-70.364 χ^2/NDF : 5.2/19

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

59.996+/-76.038 χ^2/NDF : 7.0/17

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: 218.934+/-0.182 χ^2 /NDF:0.0/0

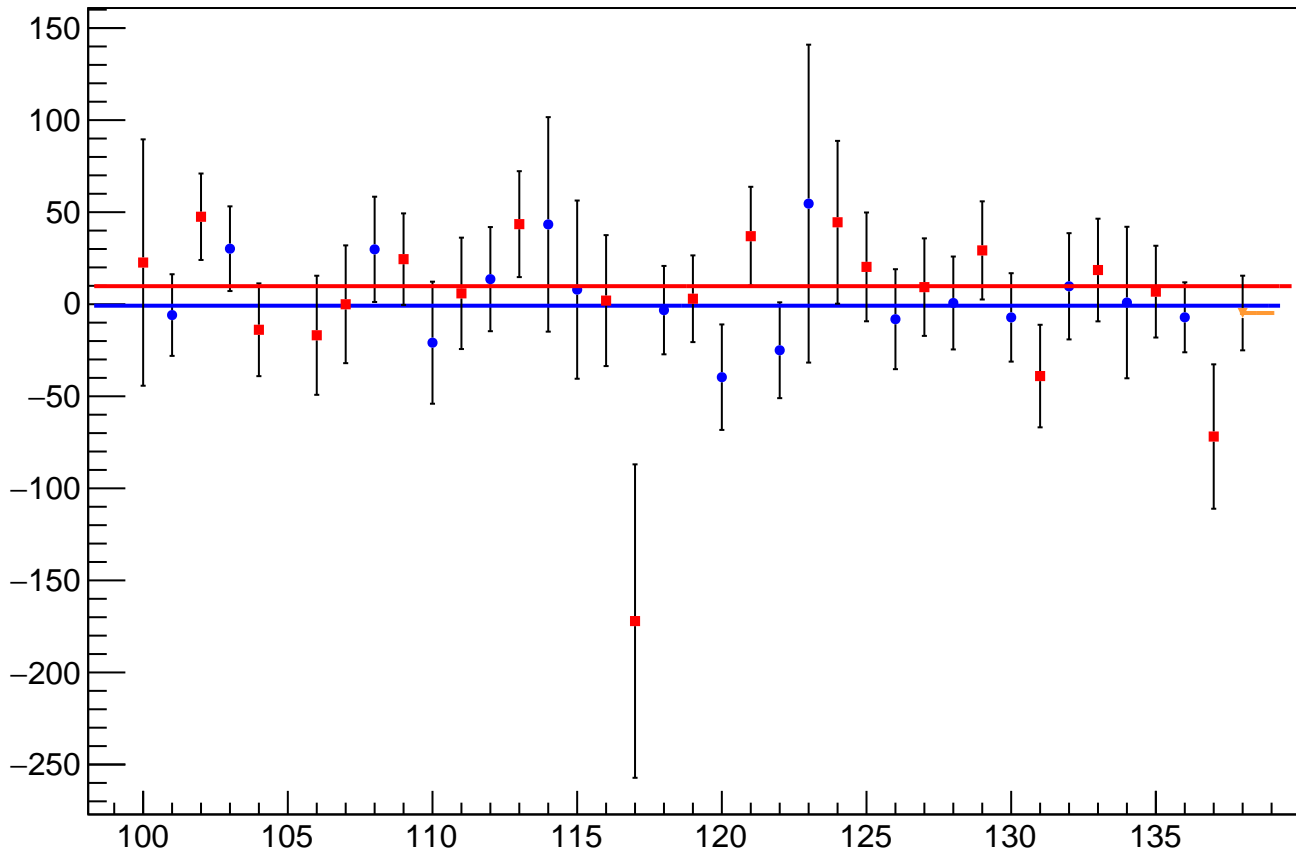
Right Out: 173.471+/-0.050 χ^2 /NDF: 1582273.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

197.117+/-0.054 χ^2 /NDF: 1020094.8/17

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 $\chi^2/\text{NDF}: 7.8/16$

Left Out: -4.770 ± 20.273 $\chi^2/\text{NDF}: 0.0/0$

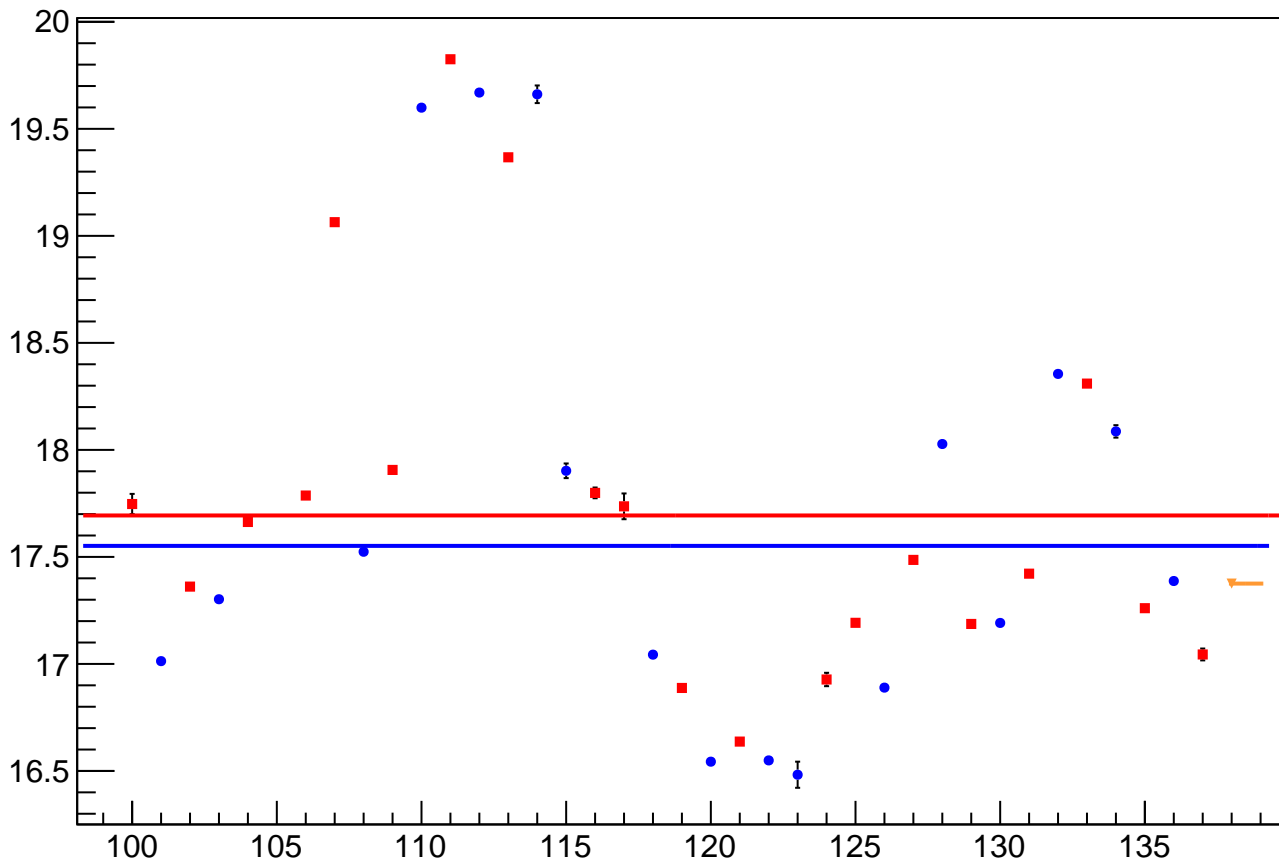
Right Out: 9.809 ± 6.606 $\chi^2/\text{NDF}: 20.5/19$

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

-1.199 ± 6.421 $\chi^2/\text{NDF}: 7.8/17$

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

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: 17.375+/-0.014 χ^2 /NDF:0.0/0

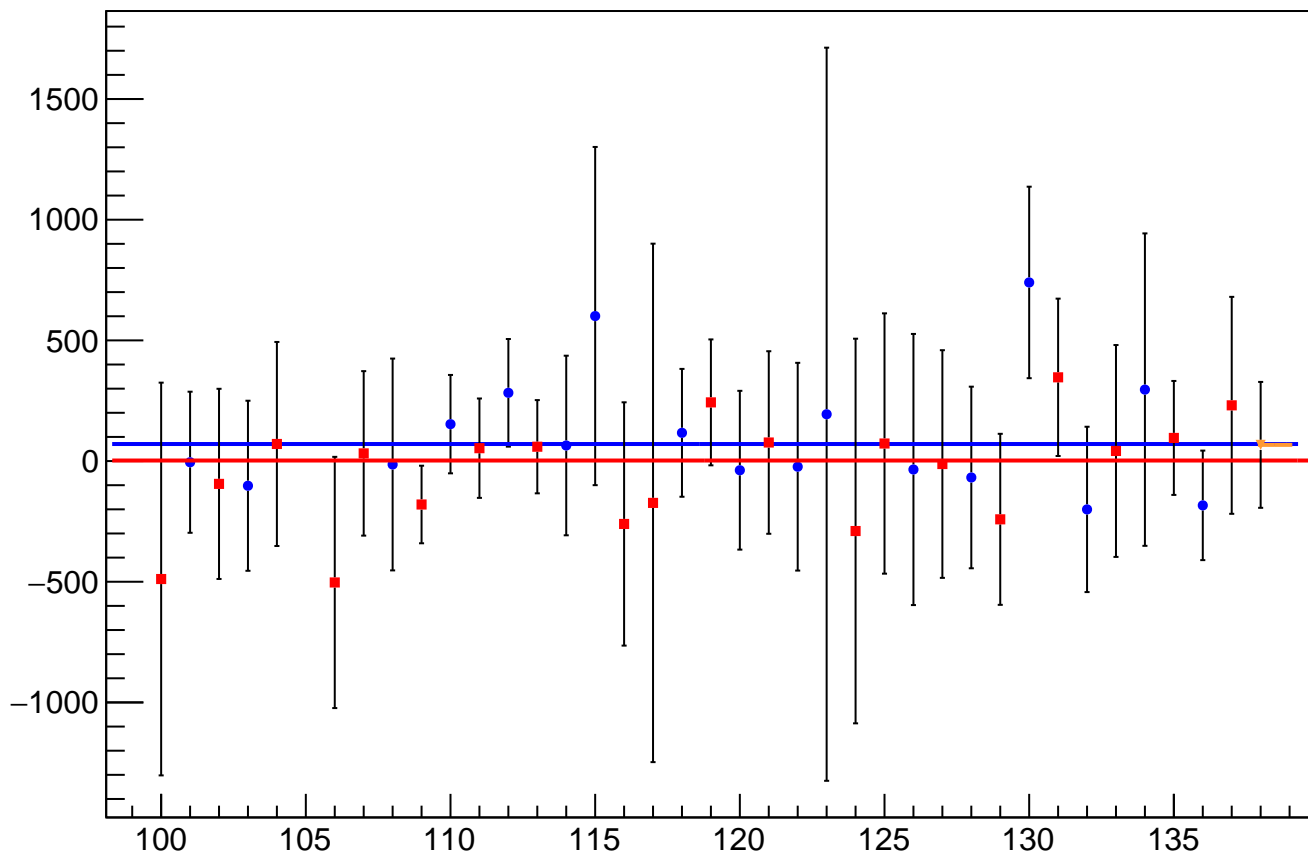
Right Out: 17.694+/-0.005 χ^2 /NDF: 30742.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

17.534+/-0.005 χ^2 /NDF: 34163.0/17

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: 67.117+/-260.804 χ^2/NDF : 0.0/0

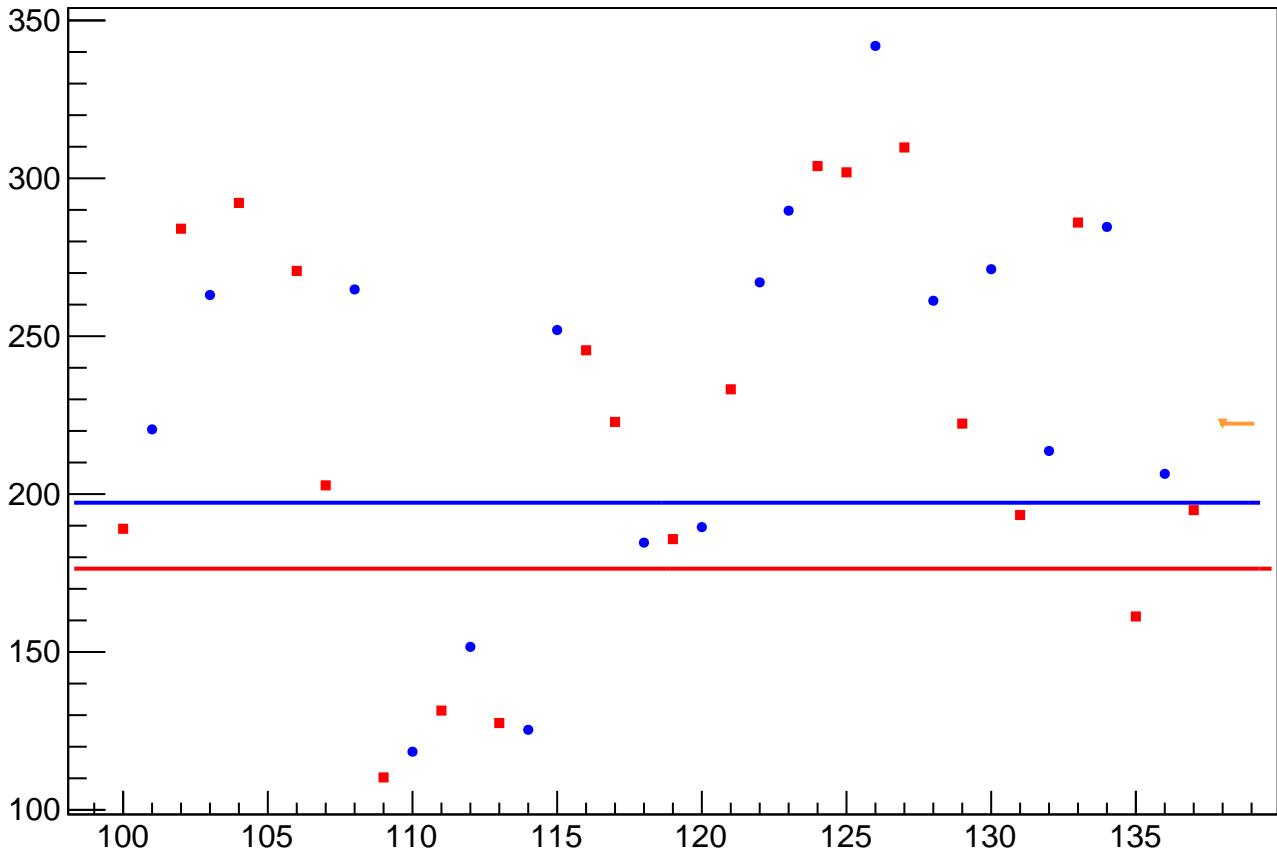
Right Out: 2.285+/-71.350 χ^2/NDF : 6.2/19

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

70.329+/-76.840 χ^2/NDF : 7.2/17

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 $\chi^2/\text{NDF}: 969549.7/16$

Left Out: 222.306 ± 0.184 $\chi^2/\text{NDF}: 0.0/0$

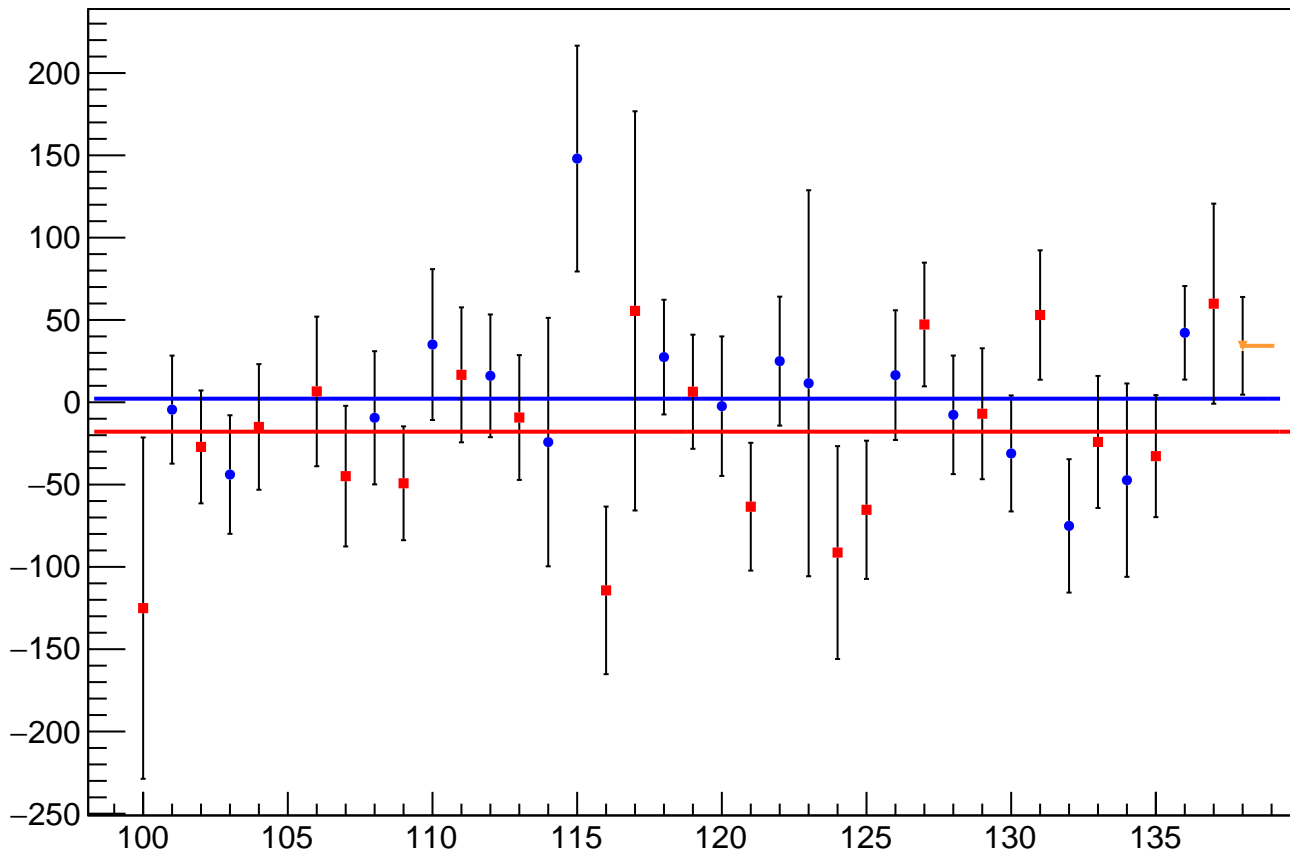
Right Out: 176.387 ± 0.050 $\chi^2/\text{NDF}: 1523467.7/19$

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

199.444 ± 0.054 $\chi^2/\text{NDF}: 986378.5/17$

176.387 ± 0.050 $\chi^2/\text{NDF}: 1523467.7/19$

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: 34.293+/-29.678 χ^2/NDF : 0.0/0

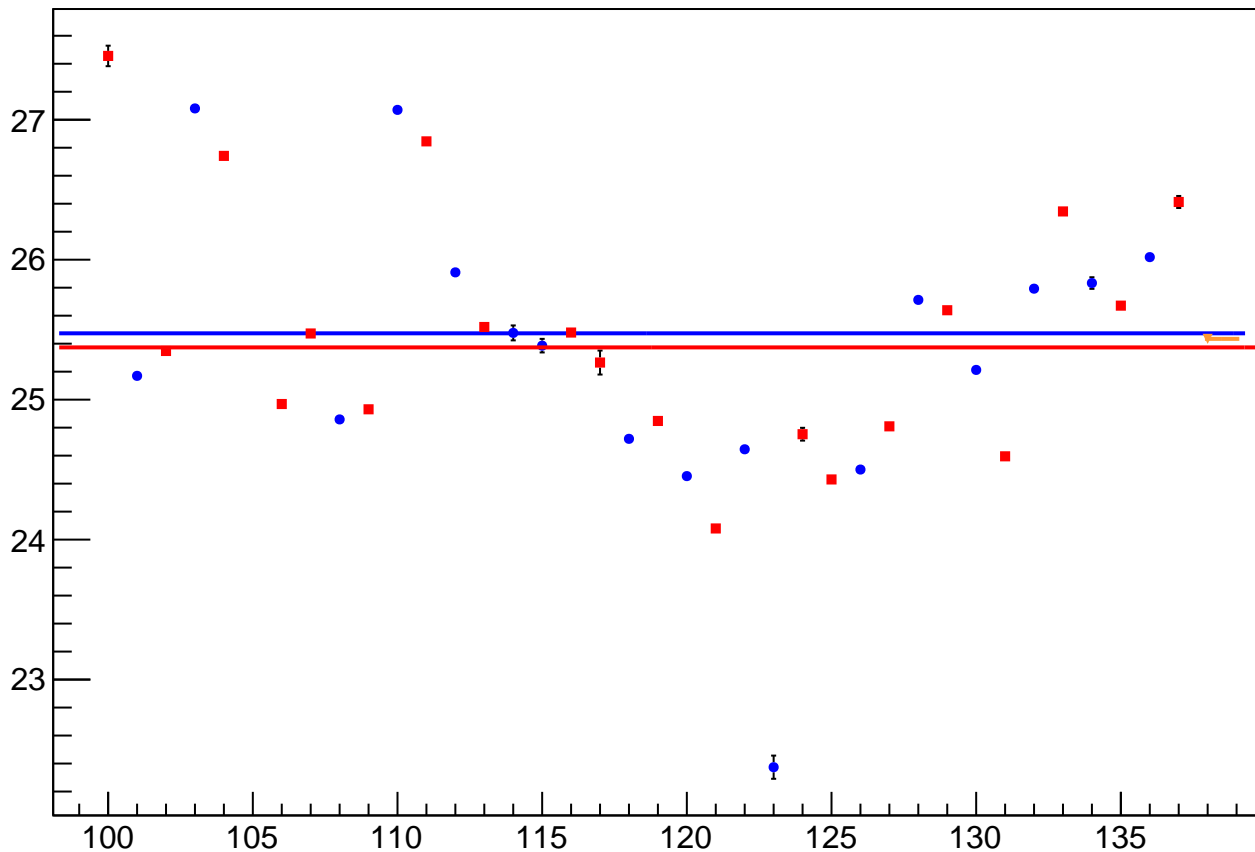
Right Out: -17.869+/-9.468 χ^2/NDF : 20.0/19

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

5.350+/-9.327 χ^2/NDF : 16.4/17

-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+/-0.007 χ^2 /NDF: 14061.2/16

Left Out: 25.434+/-0.021 χ^2 /NDF:0.0/0

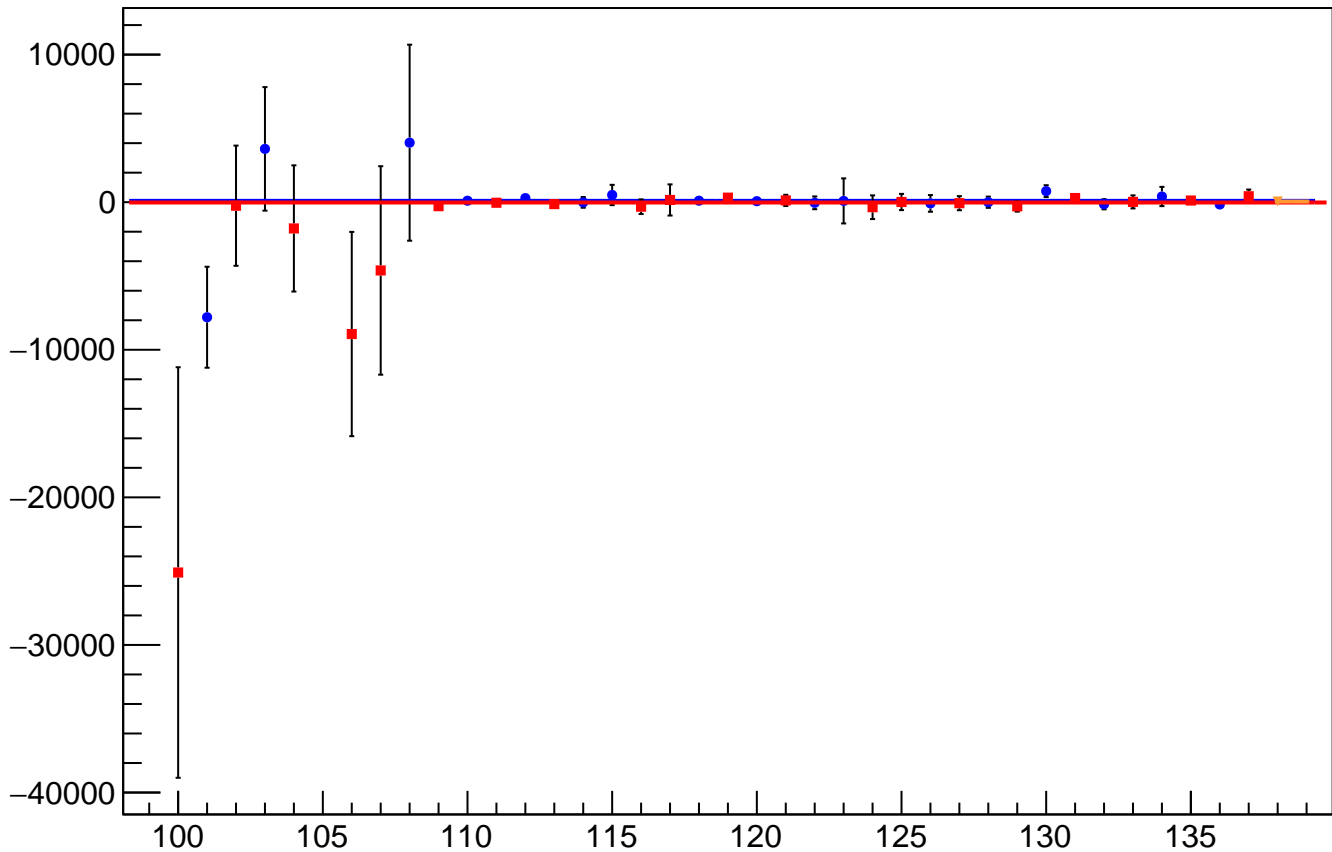
Right Out: 25.373+/-0.007 χ^2 /NDF: 13582.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.470+/-0.007 χ^2 /NDF: 14064.4/17

25.373+/-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: 46.356+/-256.563 χ^2 /NDF:0.0/0

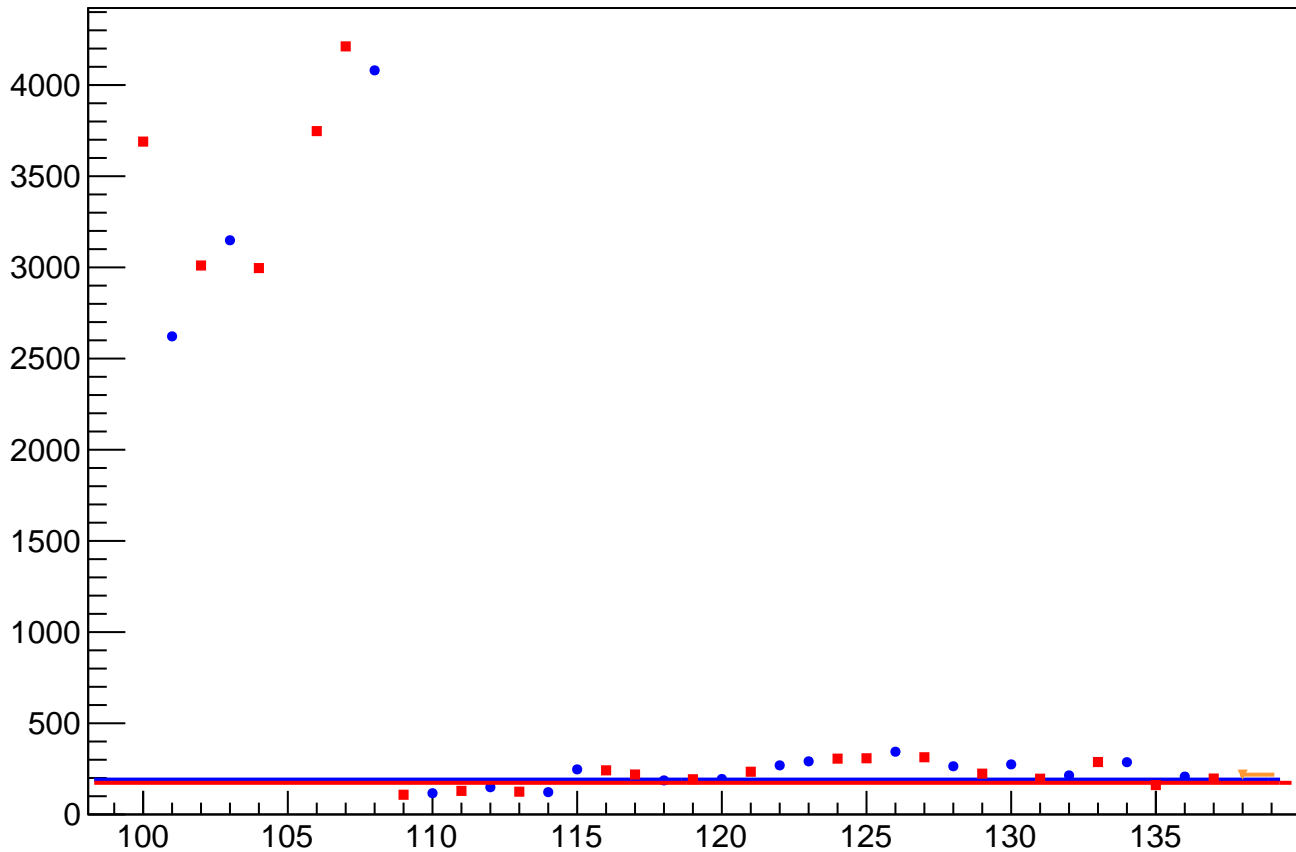
Right Out: -21.600+/-80.665 χ^2 /NDF: 11.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

85.099+/-82.927 χ^2 /NDF: 12.3/17

-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: 218.471+/-0.181 χ^2/NDF : 0.0/0

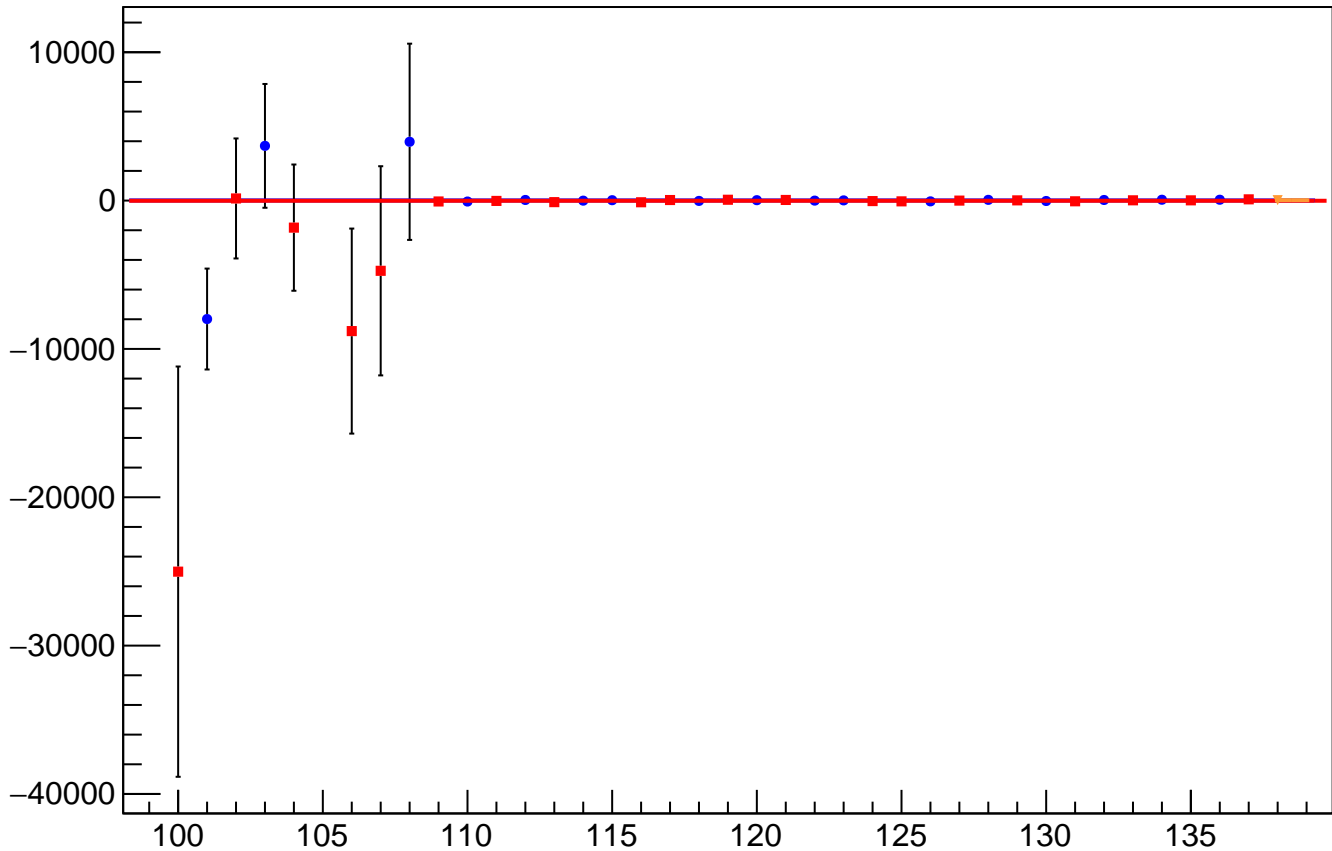
194.040+/-0.059 χ^2/NDF : 3591998.3/17

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

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

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

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: 27.258+/-33.777 χ^2 /NDF:0.0/0

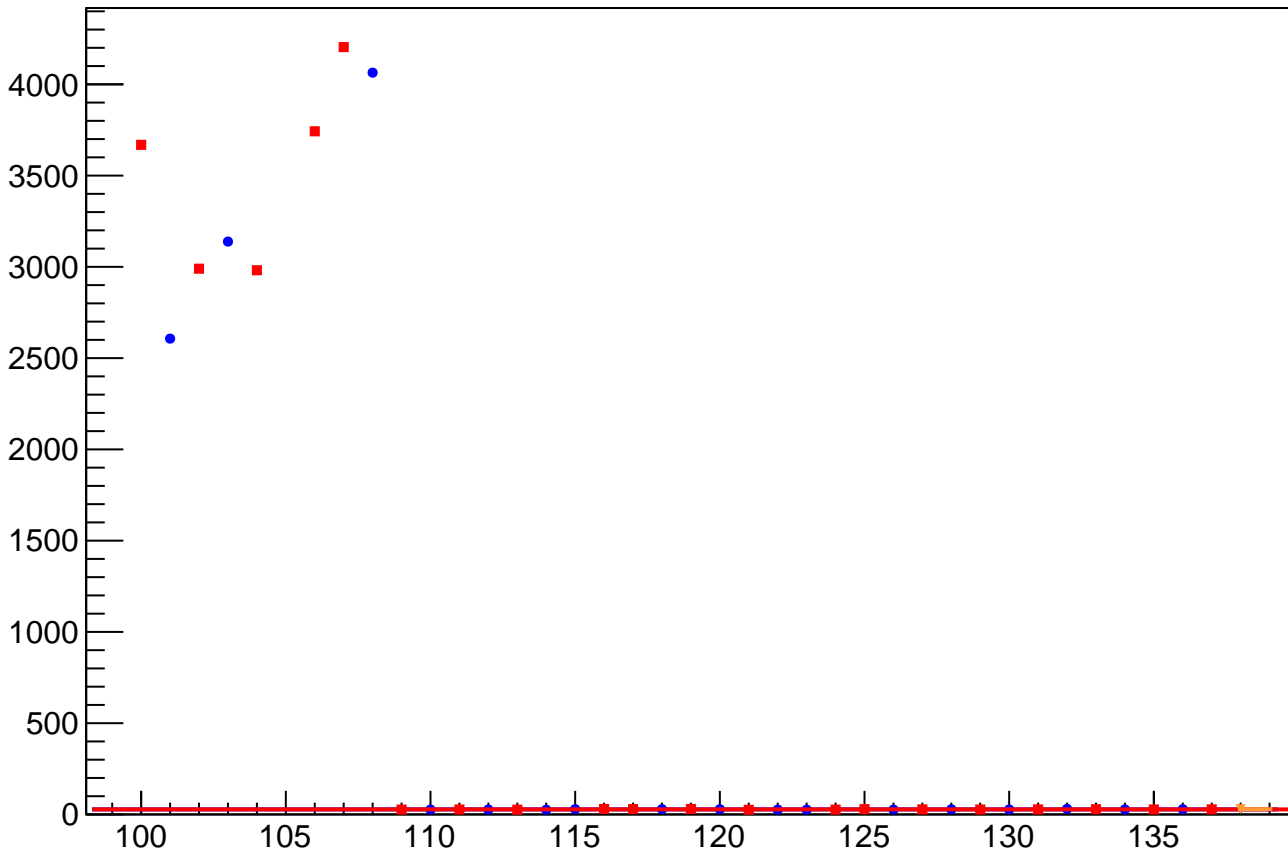
Right Out: -12.573+/-12.182 χ^2 /NDF: 24.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

12.341+/-11.466 χ^2 /NDF: 18.5/17

-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: 28.925+/-0.024 χ^2 /NDF:0.0/0

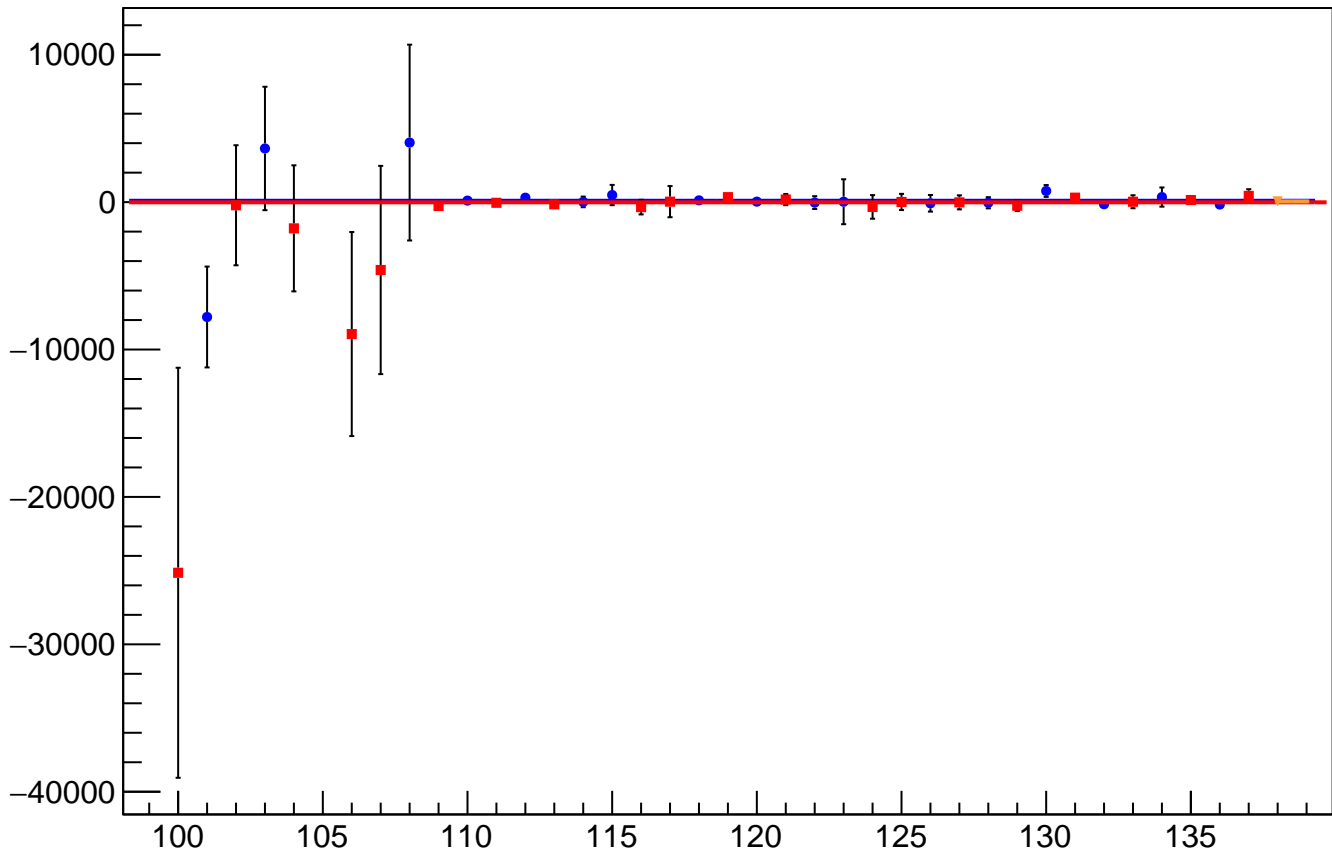
27.962+/-0.008 χ^2 /NDF: 3028723.9/17

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

27.706+/-0.009 χ^2 /NDF: 3477080.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 50.837+/-255.877 χ^2 /NDF: 0.0/0

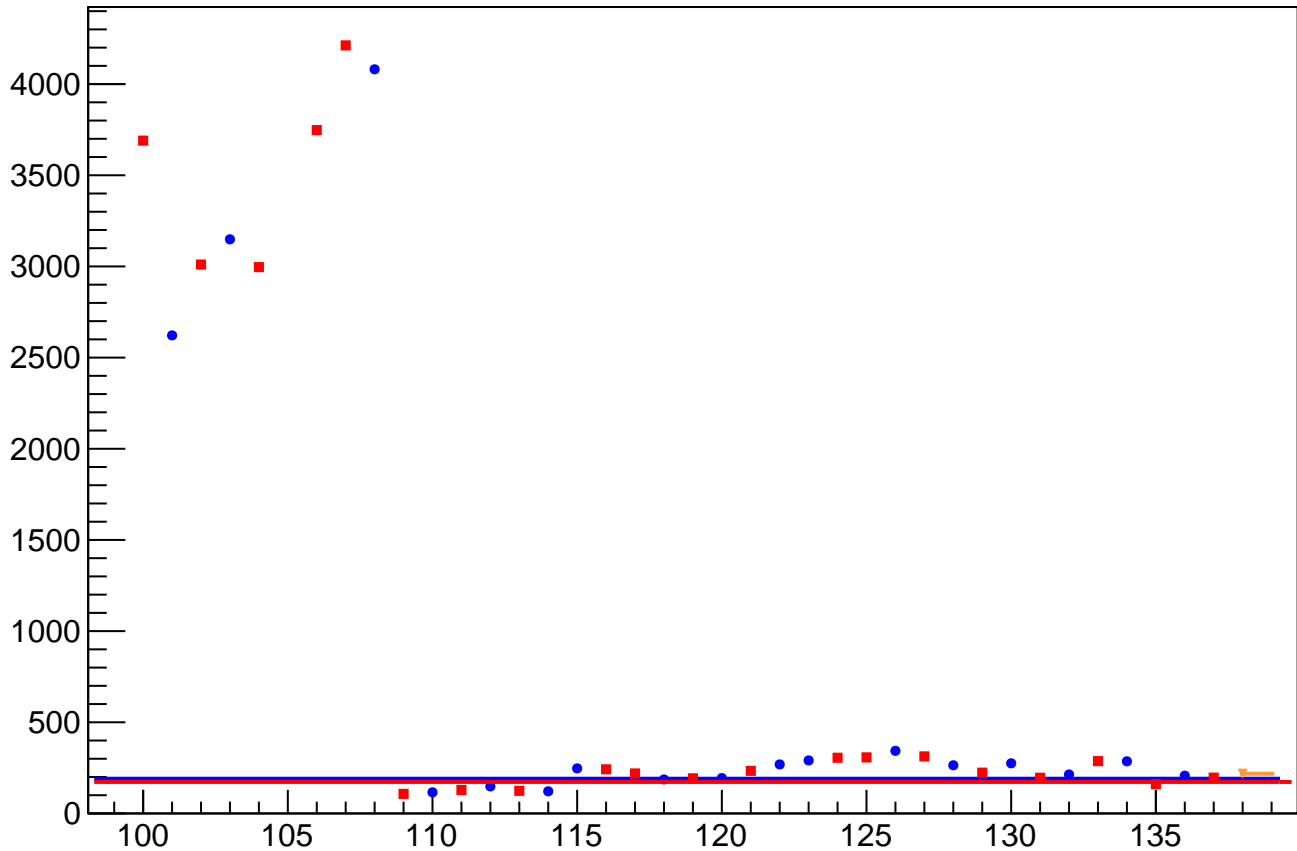
Right Out: -12.509+/-80.407 χ^2 /NDF: 12.7/19

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

88.455+/-82.673 χ^2 /NDF: 12.6/17

-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: 217.891+/-0.181 χ^2/NDF : 0.0/0

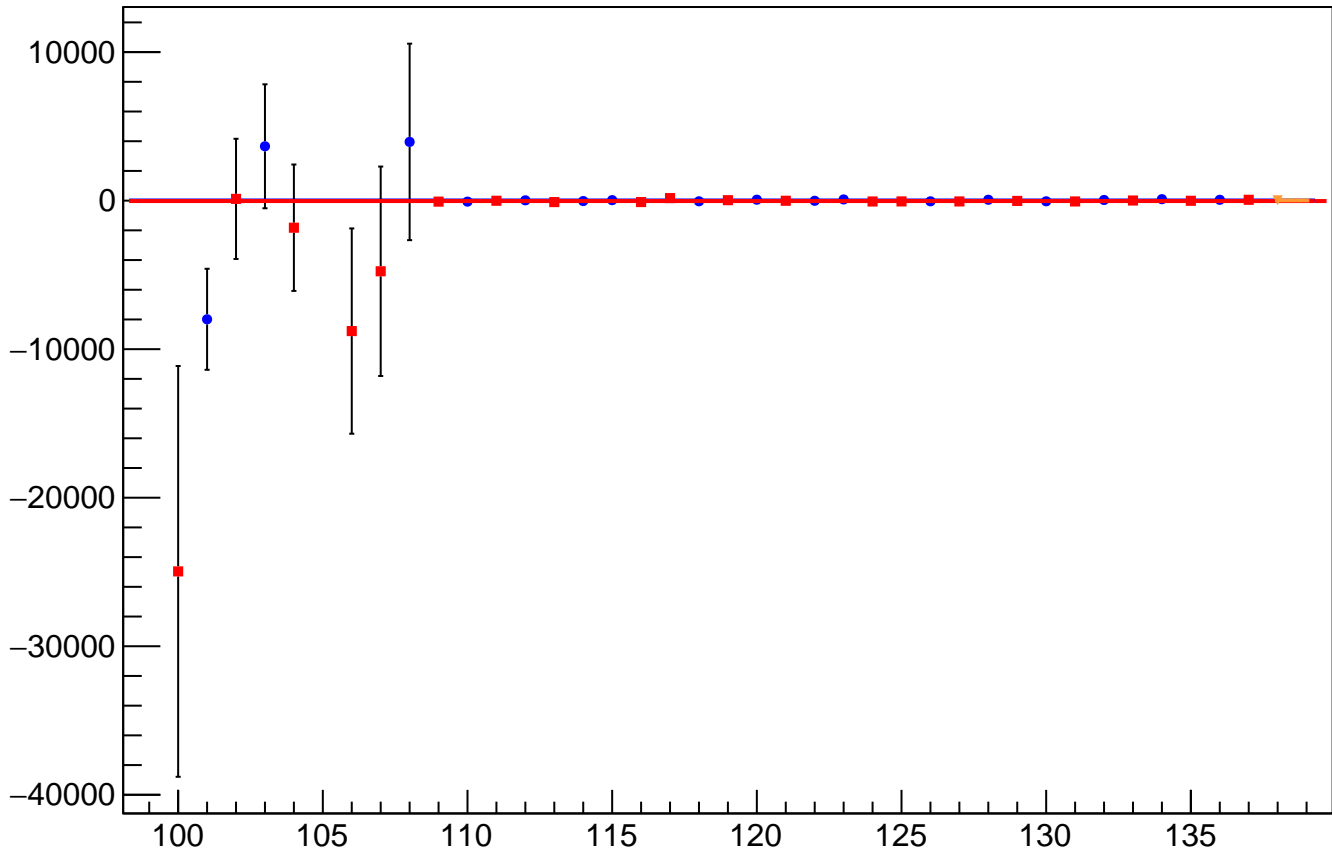
193.346+/-0.058 χ^2/NDF : 3604120.6/17

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

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

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 9.600+/-12.273 χ^2 /NDF: 23.2/16

10.770+/-11.550 χ^2 /NDF: 23.3/17

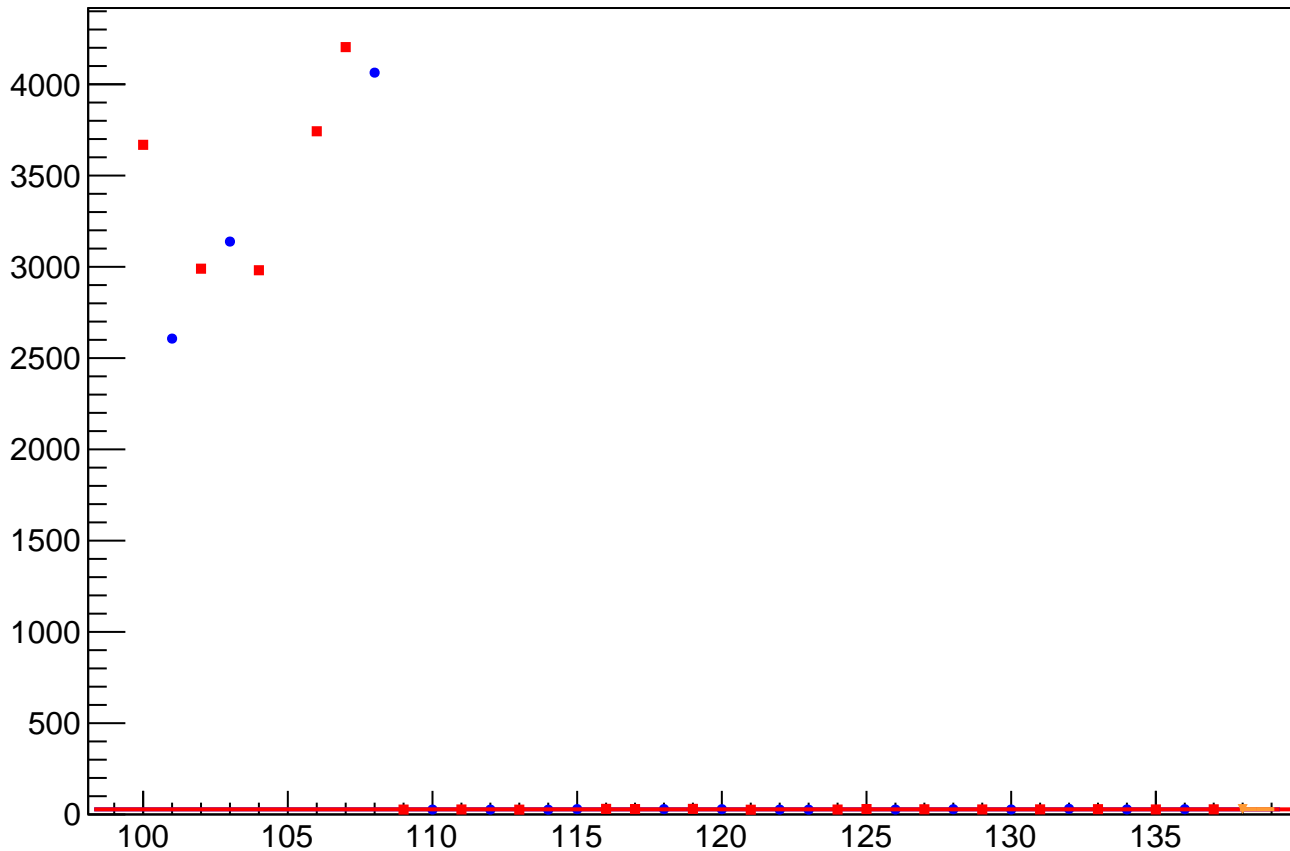
Left Out: 19.828+/-34.159 χ^2 /NDF: 0.0/0

Right Out: -28.128+/-12.282 χ^2 /NDF: 18.5/19

-28.128+/-12.282 χ^2 /NDF: 18.5/19

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

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: 29.249+/-0.024 χ^2 /NDF:0.0/0

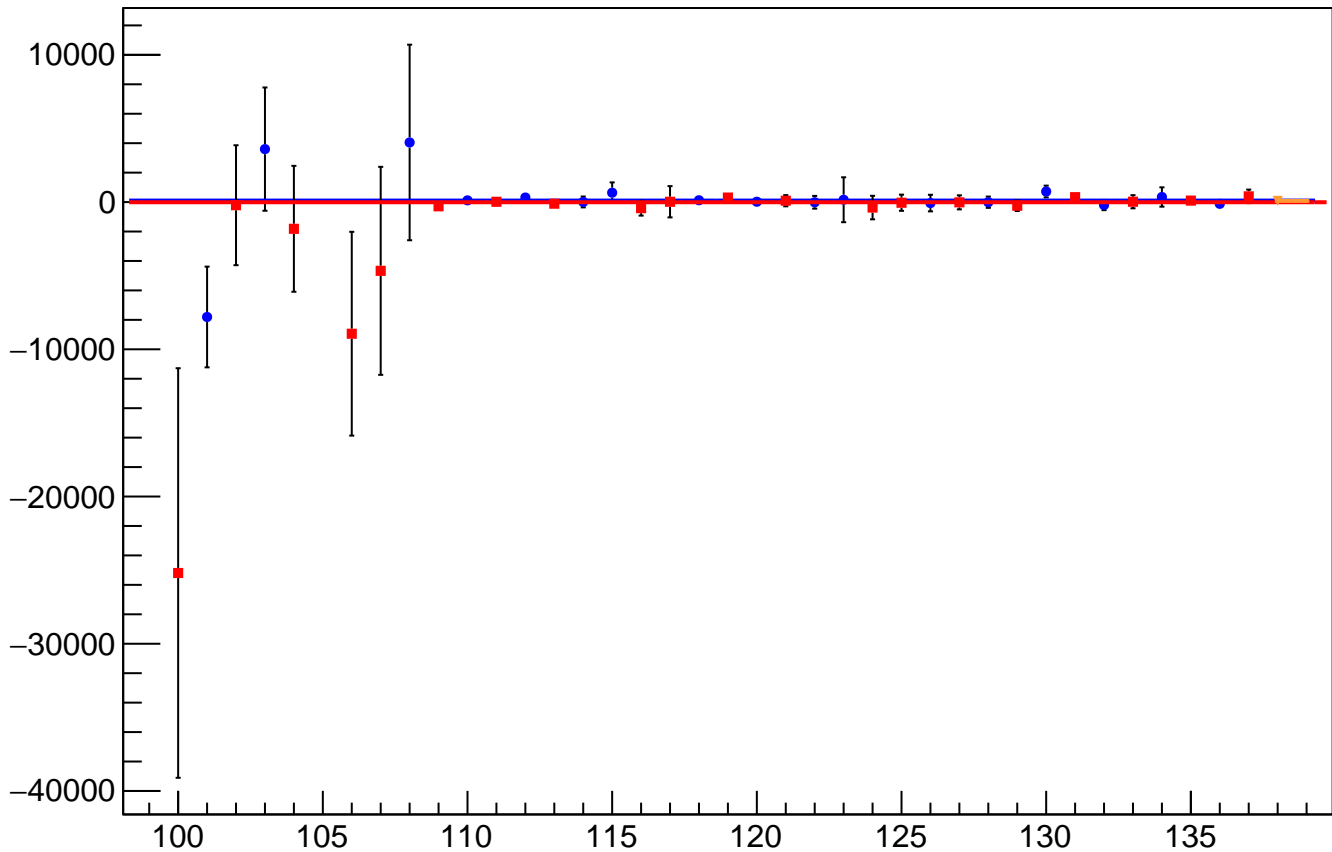
28.163+/-0.008 χ^2 /NDF: 3029283.5/17

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 80.021+/-260.293 χ^2 /NDF:0.0/0

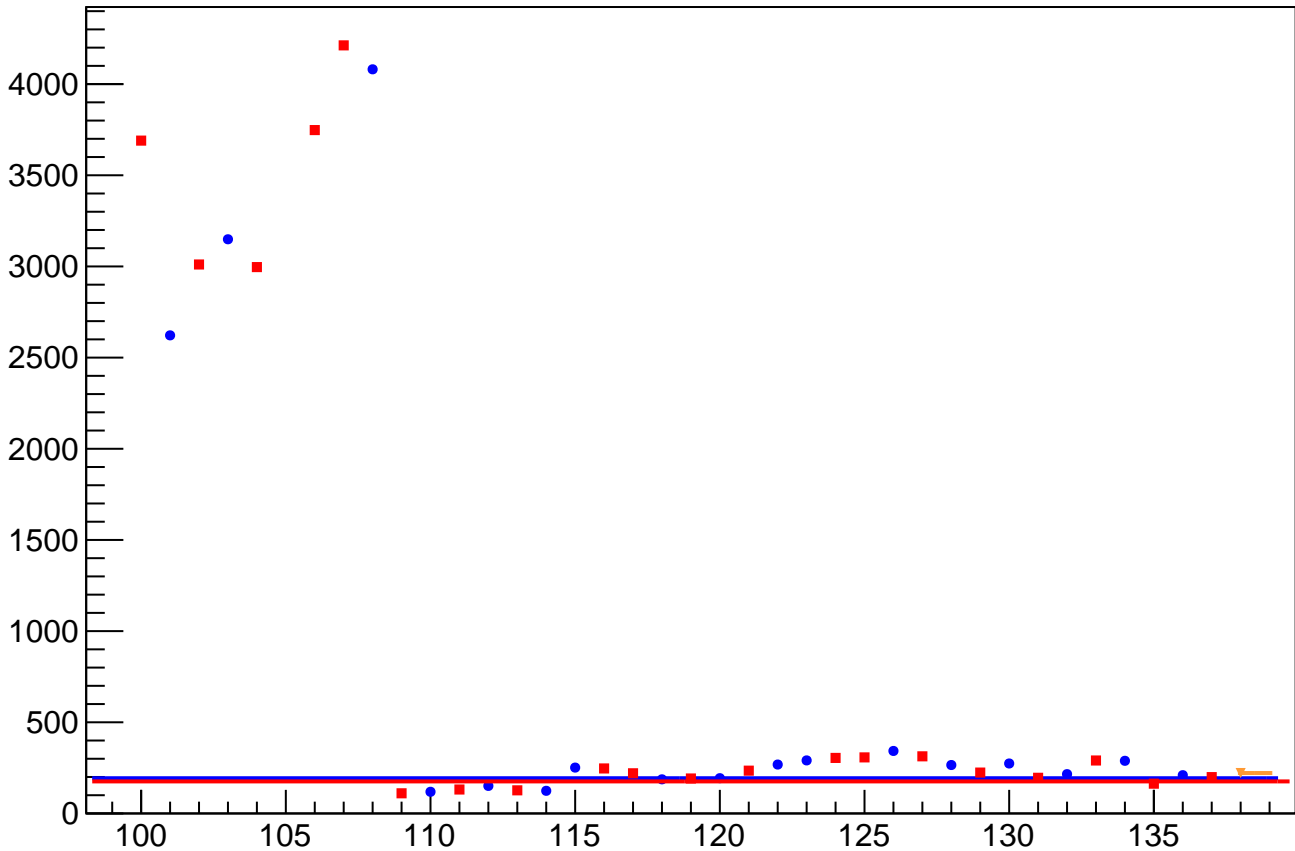
Right Out: -11.037+/-81.486 χ^2 /NDF: 12.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

99.523+/-83.696 χ^2 /NDF: 12.4/17

-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

196.136+/-0.059 χ^2/NDF : 3557614.9/17

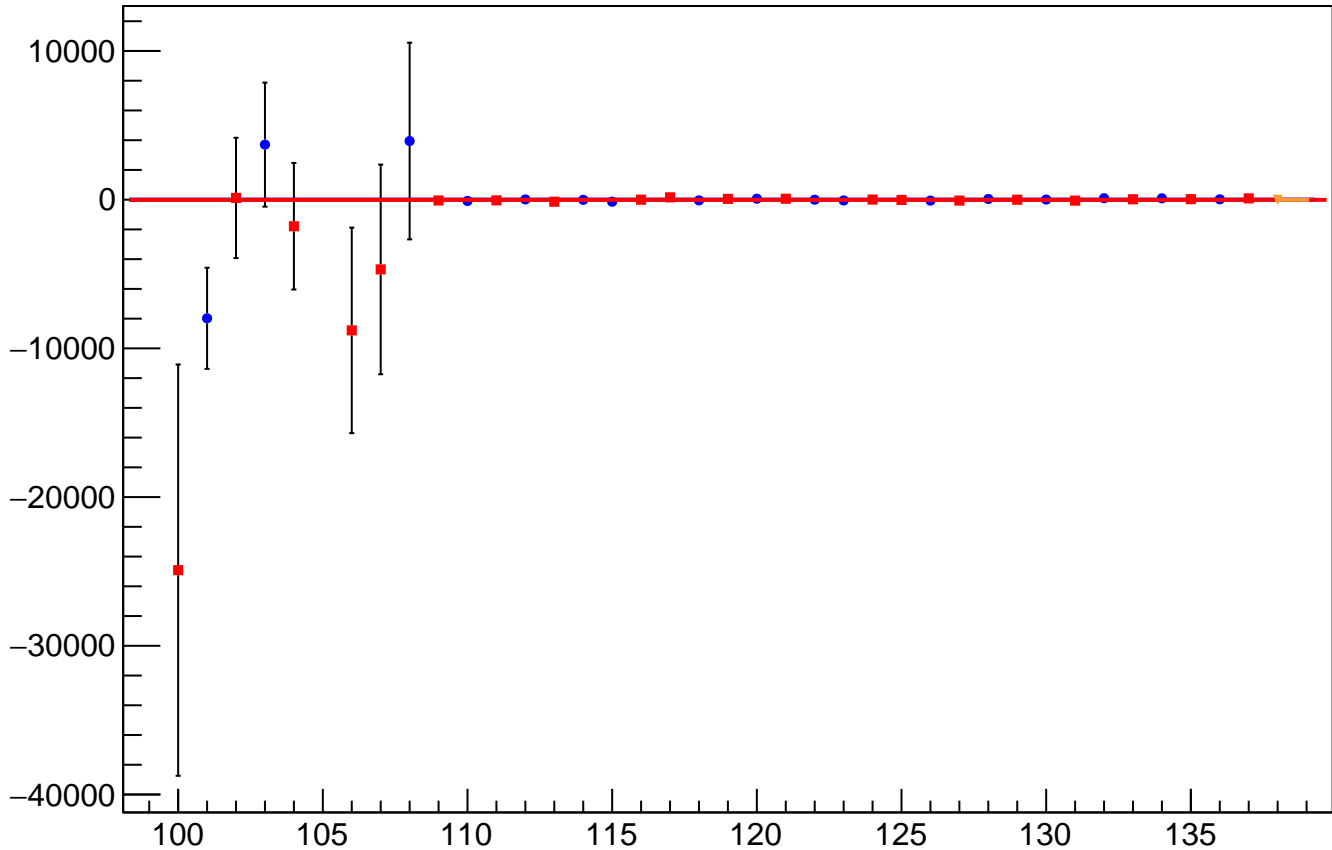
Left Out: 221.686+/-0.184 χ^2/NDF : 0.0/0

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

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

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

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: -8.004+/-41.008 χ^2 /NDF: 0.0/0

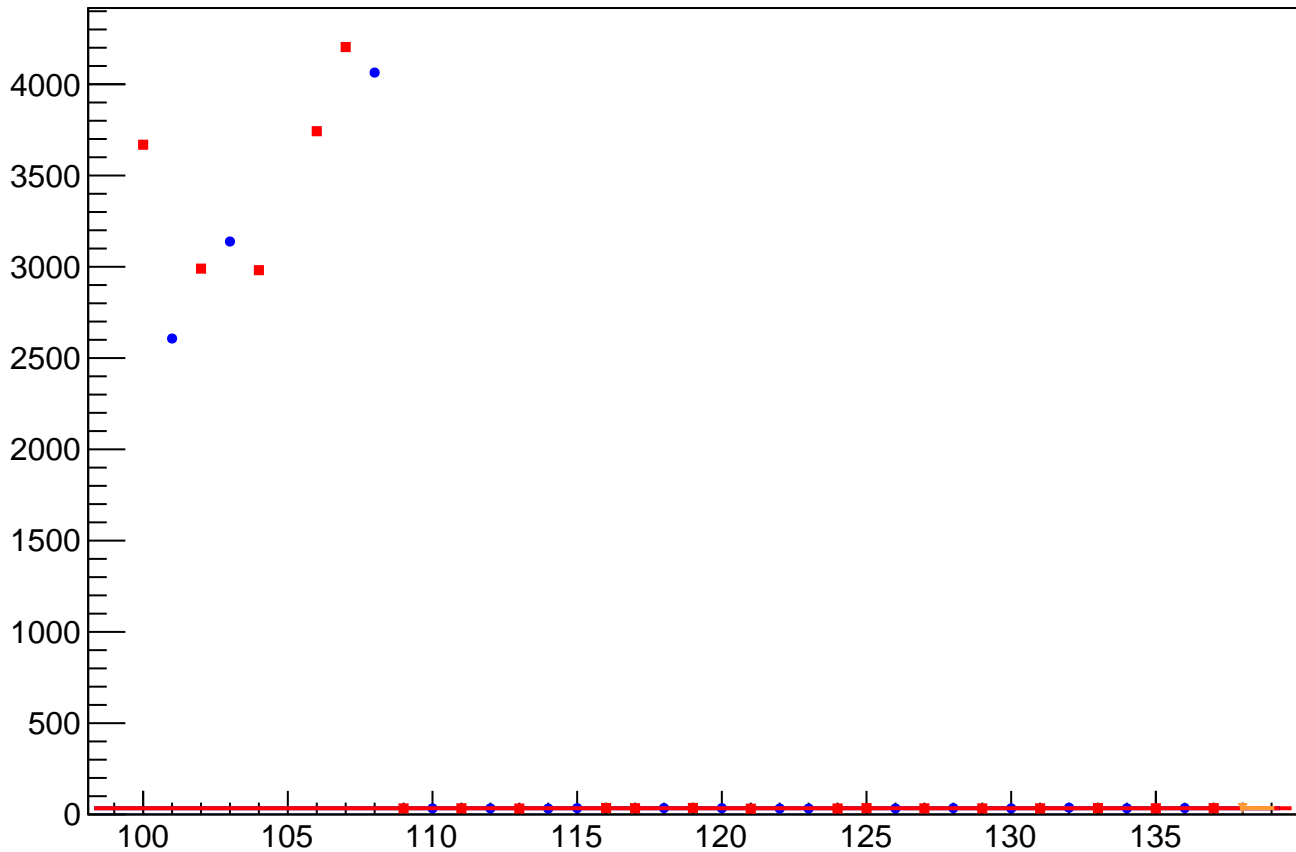
Right Out: -11.101+/-14.886 χ^2 /NDF: 22.7/19

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

3.169+/-14.033 χ^2 /NDF: 20.5/17

-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: 35.137+/-0.029 χ^2 /NDF:0.0/0

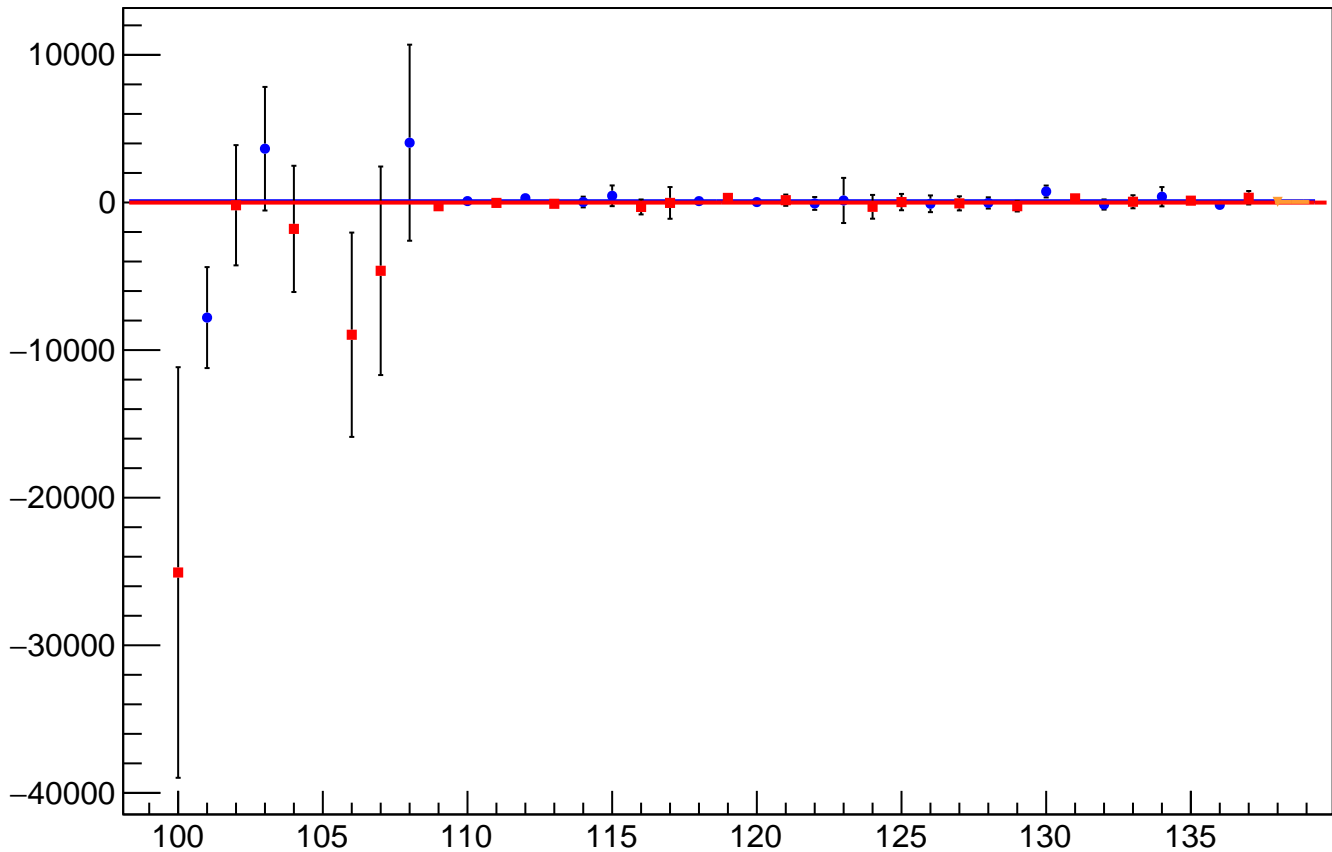
Right Out: 33.915+/-0.011 χ^2 /NDF: 3451897.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

34.254+/-0.010 χ^2 /NDF: 3007296.8/17

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: 42.430+/-257.176 χ^2 /NDF:0.0/0

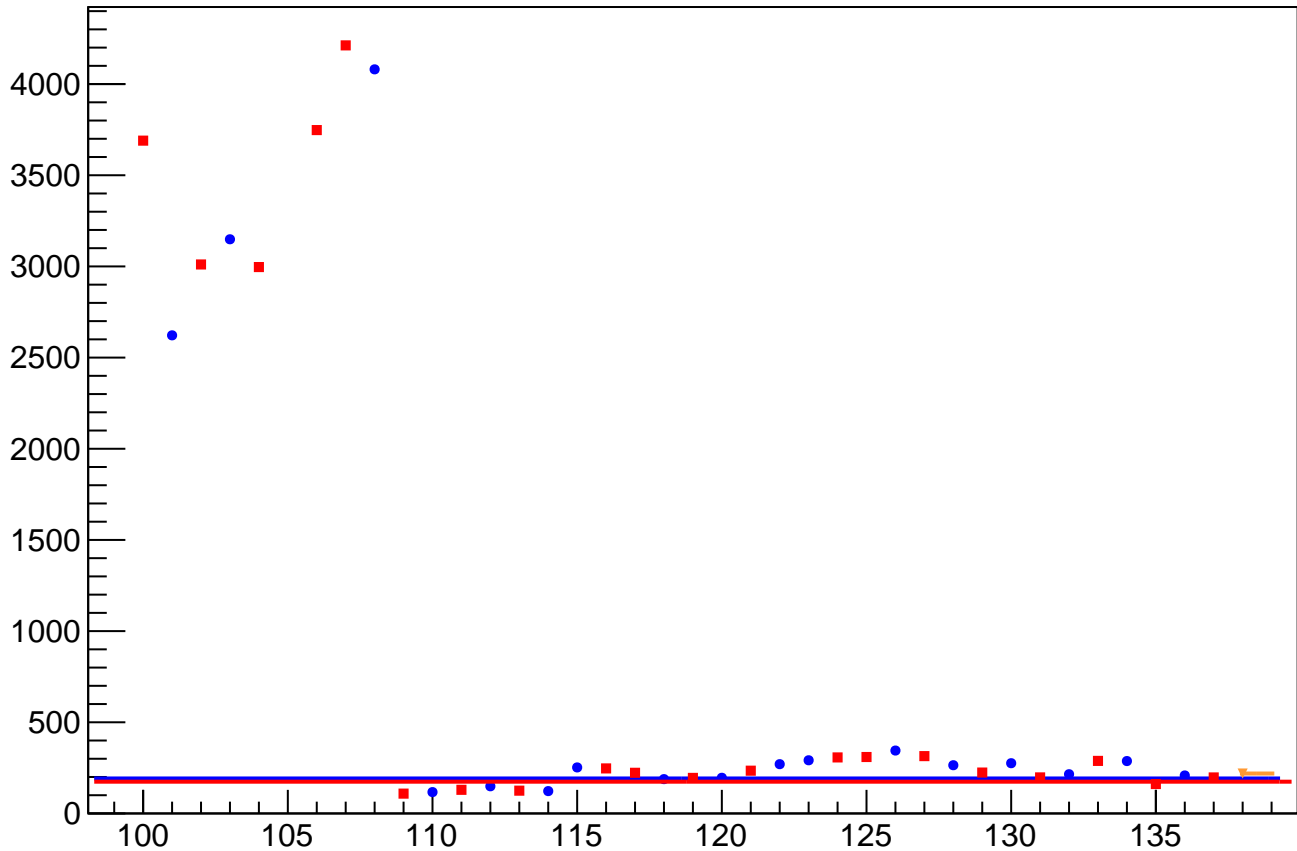
Right Out: -7.420+/-80.977 χ^2 /NDF: 11.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

81.474+/-83.216 χ^2 /NDF: 12.4/17

-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: 218.997+/-0.182 χ^2/NDF : 0.0/0

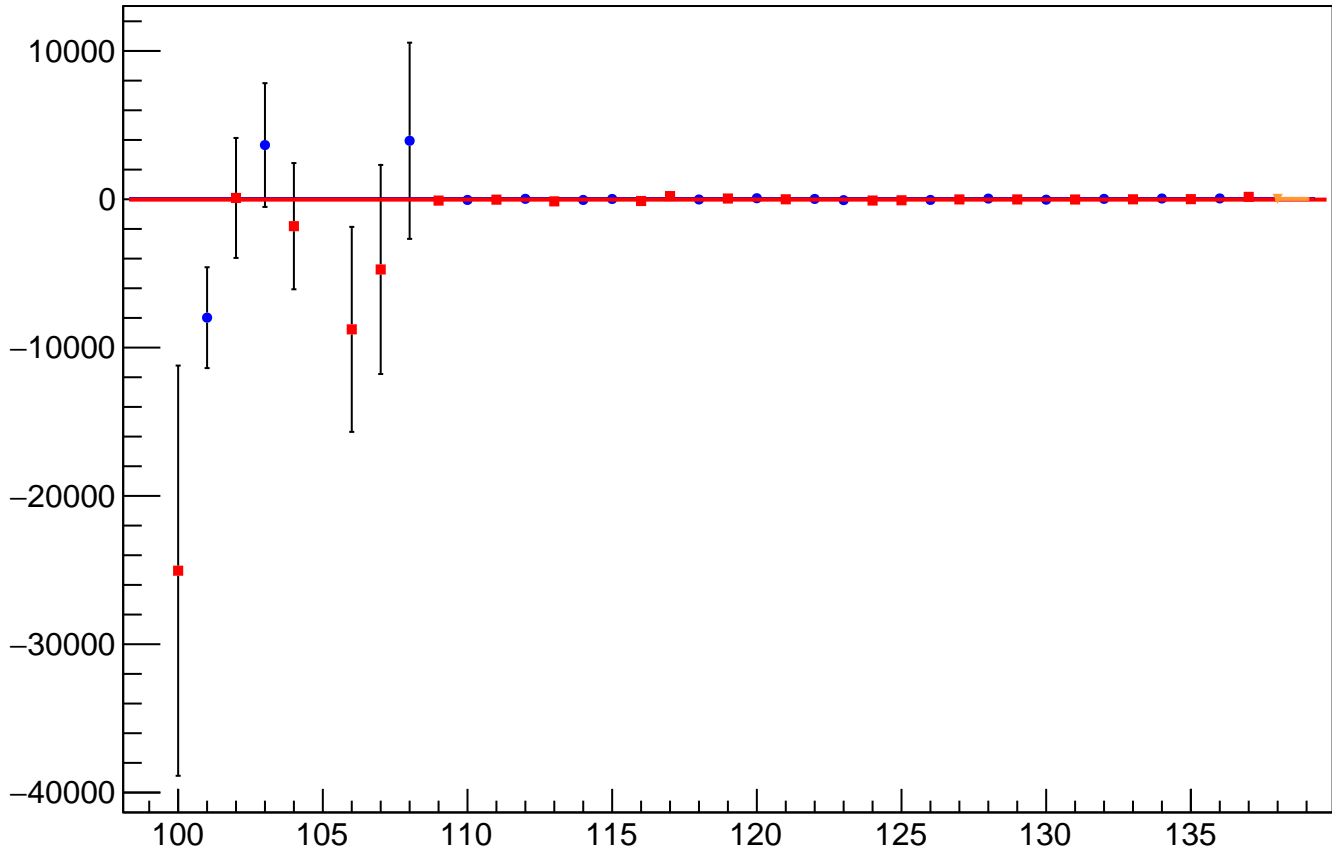
194.719+/-0.059 χ^2/NDF : 3592966.9/17

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

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

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

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: 27.306+/-37.177 χ^2 /NDF: 0.0/0

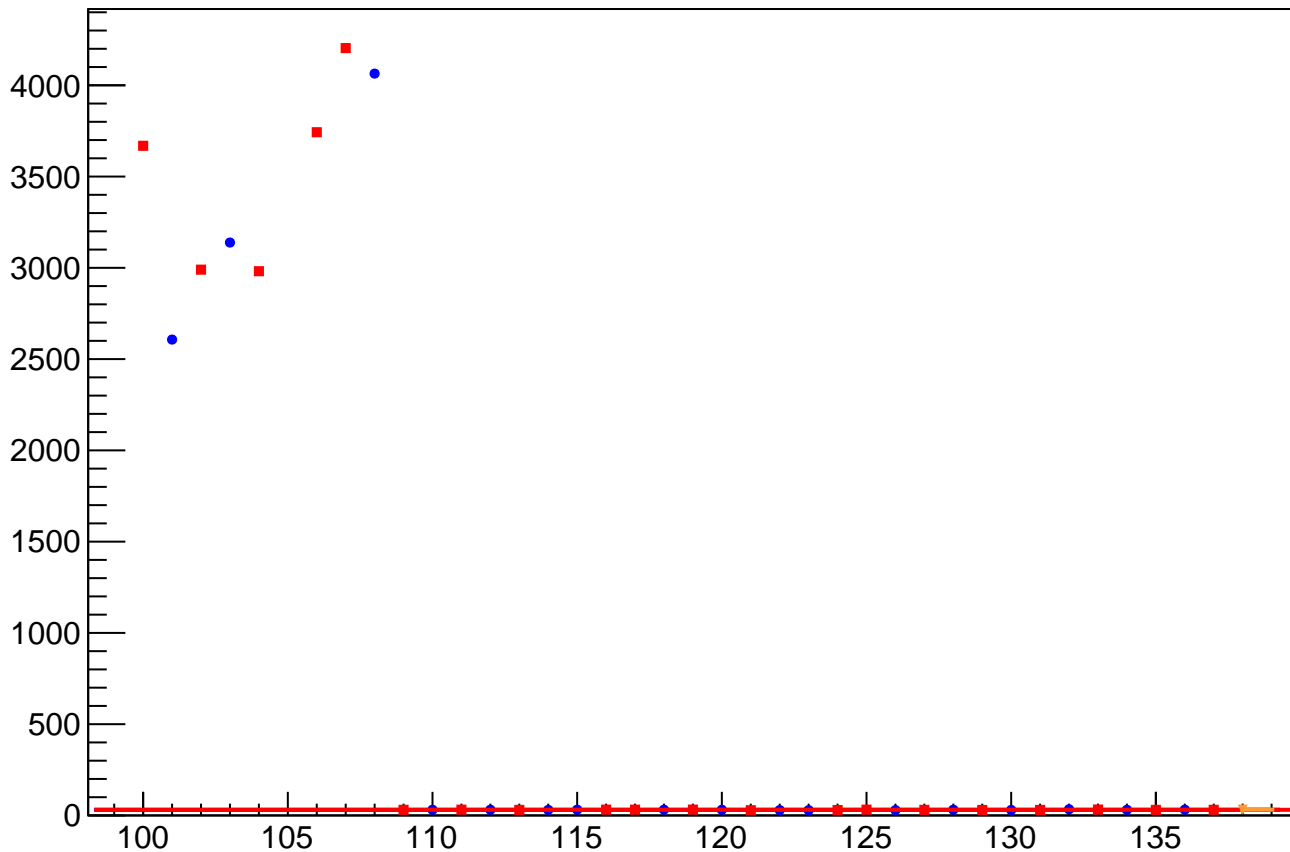
Right Out: -21.490+/-13.601 χ^2 /NDF: 29.9/19

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

15.680+/-12.787 χ^2 /NDF: 15.3/17

-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: 31.847+/-0.026 χ^2 /NDF:0.0/0

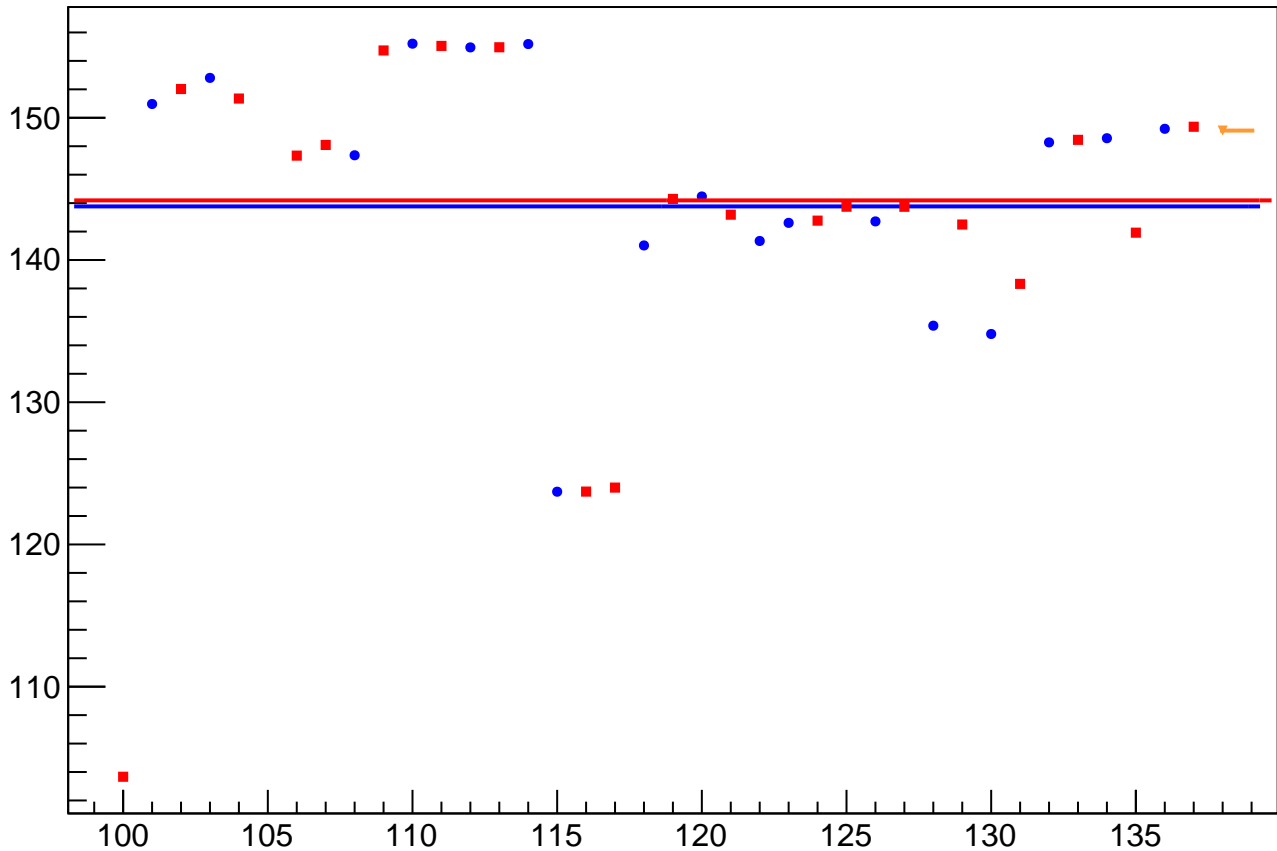
Right Out: 30.970+/-0.010 χ^2 /NDF: 3459018.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

31.212+/-0.009 χ^2 /NDF: 3015088.2/17

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: 149.101+/-0.000 χ^2/NDF : 0.0/0

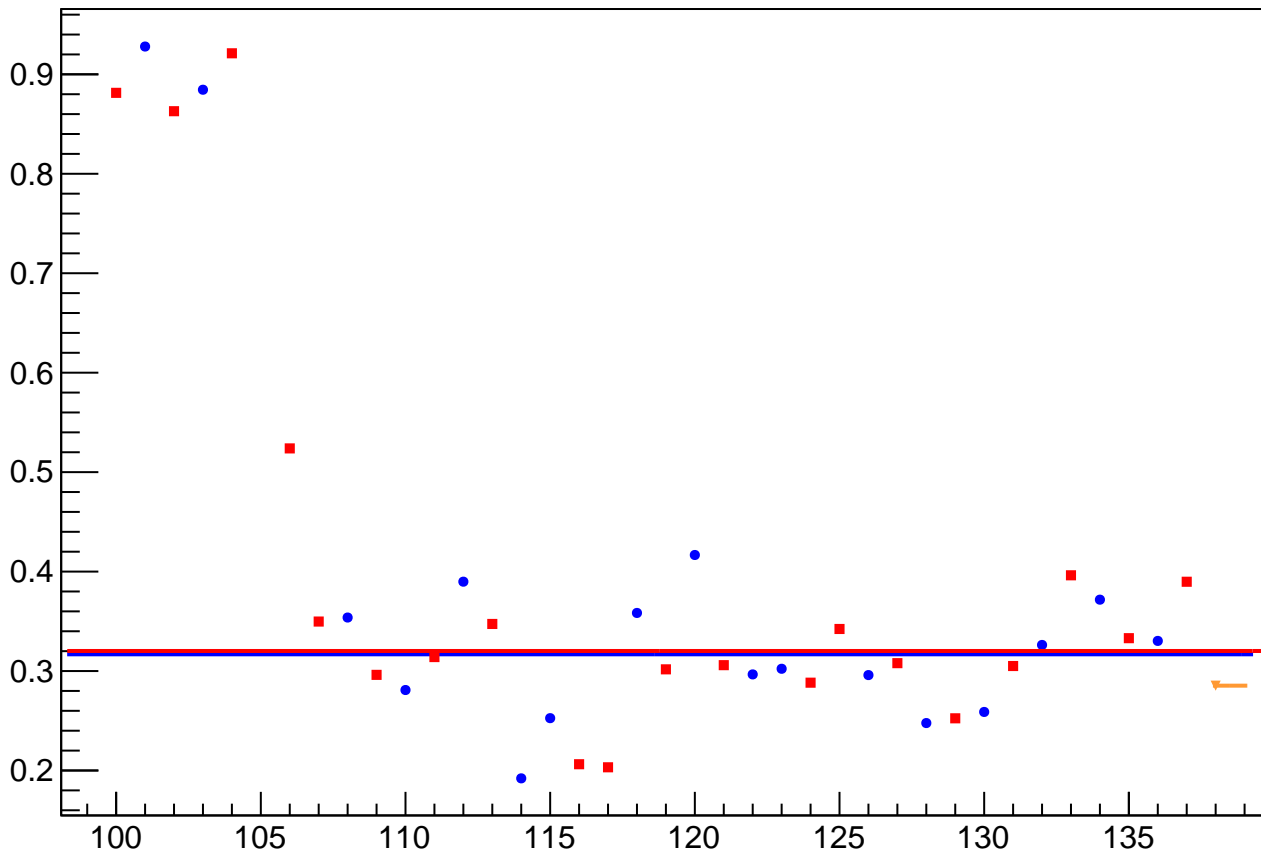
Right Out: 144.192+/-0.000 χ^2/NDF : 4524049993.1/19

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

144.493+/-0.000 χ^2/NDF : 3747226265.0/17

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: 0.285+/-0.000 χ^2/NDF : 0.0/0

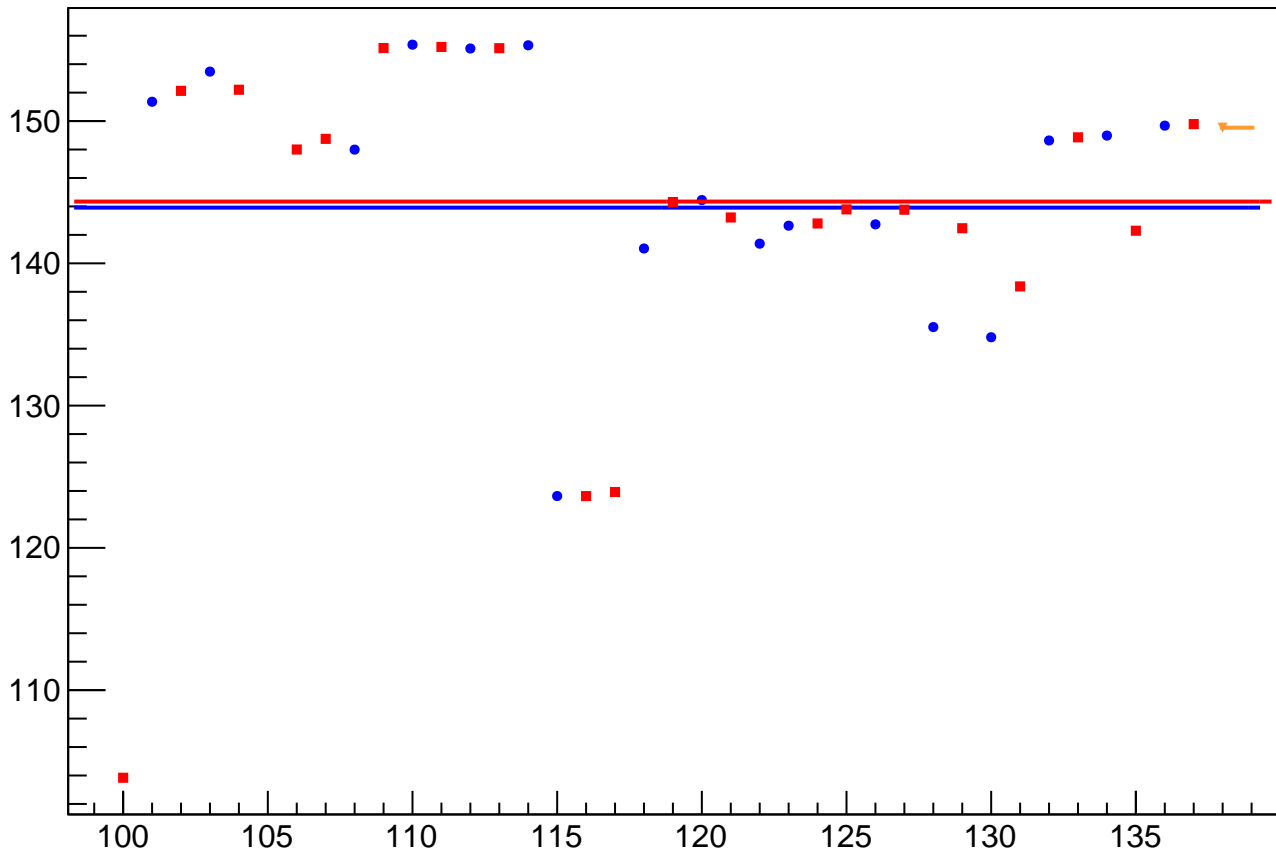
Right Out: 0.320+/-0.000 χ^2/NDF : 1240600.2/19

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

0.313+/-0.000 χ^2/NDF : 1293647.8/17

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: 149.535+/-0.000 χ^2/NDF : 0.0/0

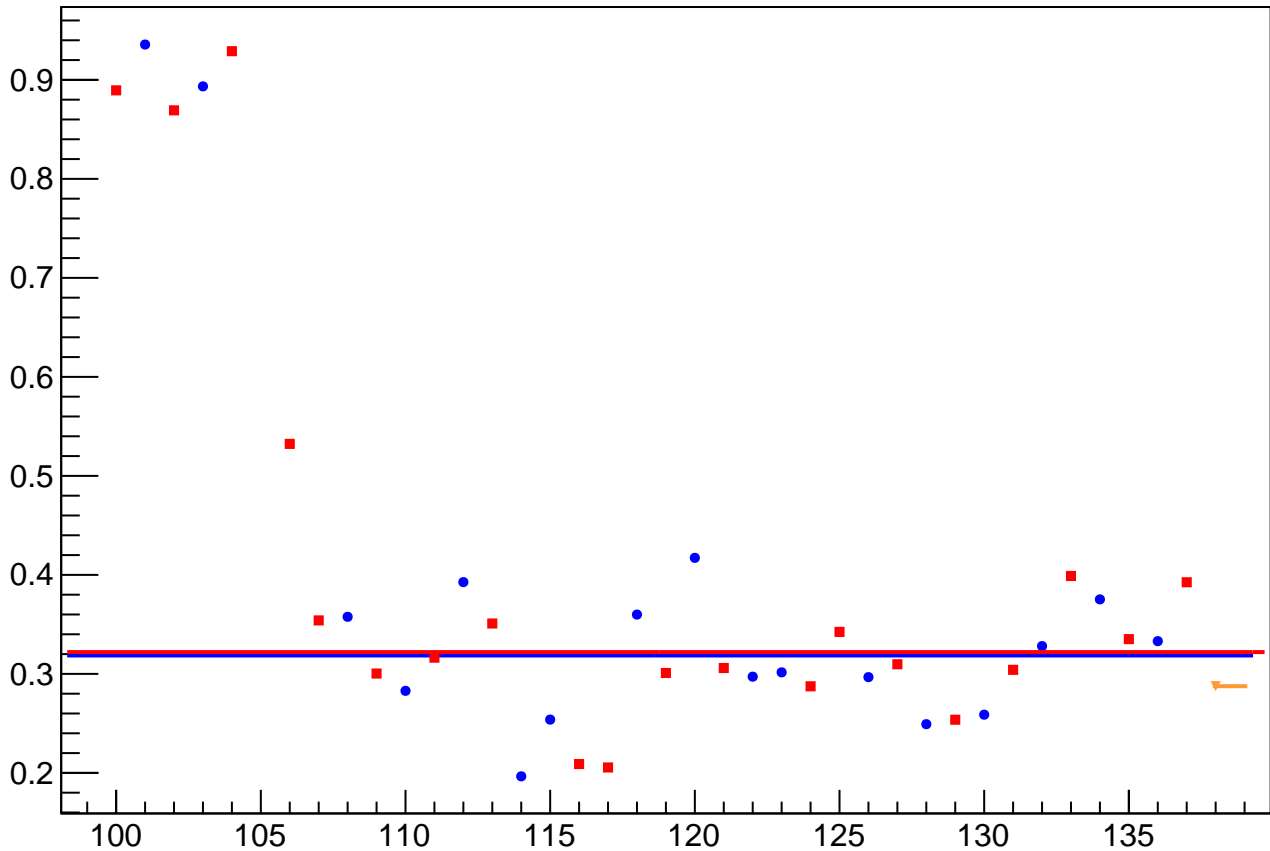
Right Out: 144.342+/-0.000 χ^2/NDF : 4551365931.0/19

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

144.677+/-0.000 χ^2/NDF : 3819788815.0/17

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: 0.288+/-0.000 χ^2/NDF : 0.0/0

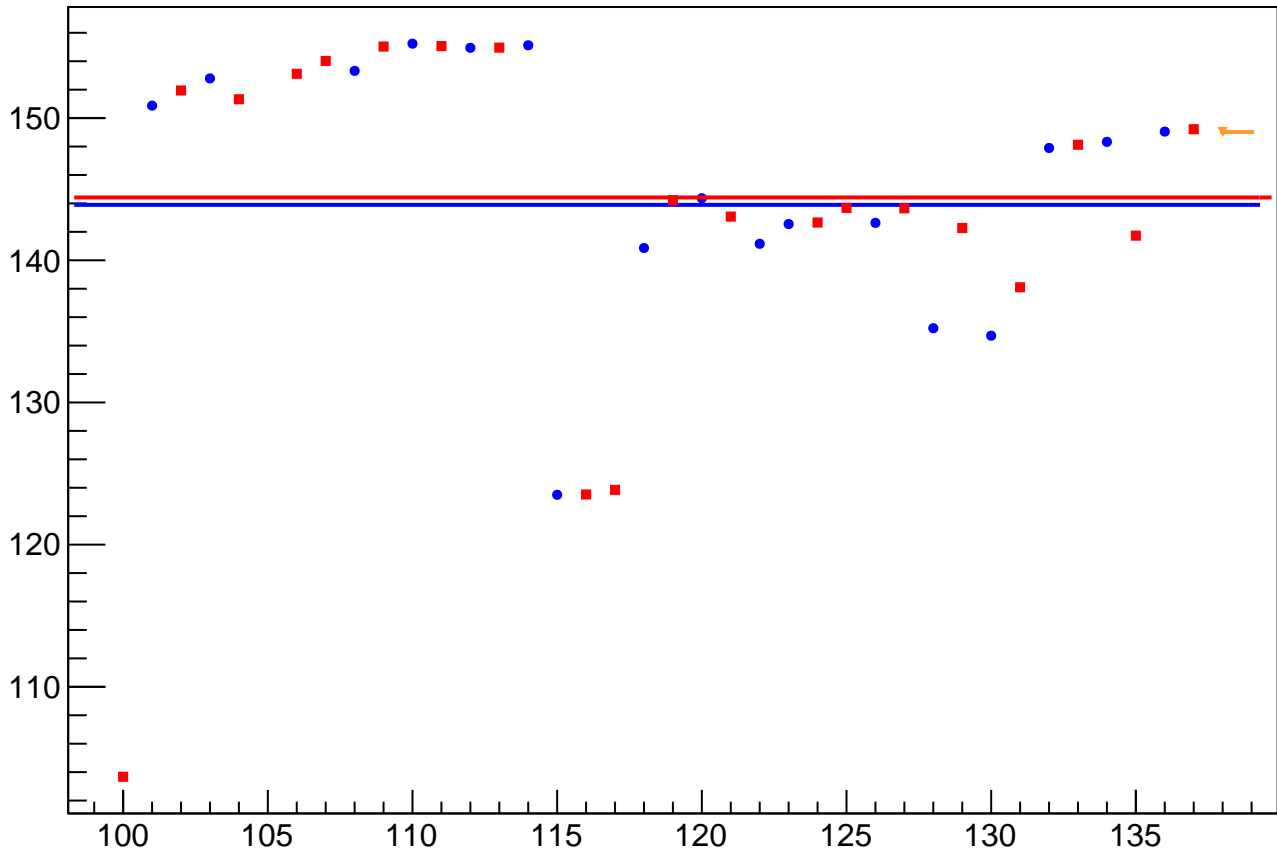
Right Out: 0.322+/-0.000 χ^2/NDF : 1243109.0/19

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

0.314+/-0.000 χ^2/NDF : 1295084.4/17

0.322+/-0.000 χ^2/NDF : 1243109.0/19

yield_bcm_an_us_mean vs Slug



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

Left Out: 149.026+/-0.000 χ^2/NDF : 0.0/0

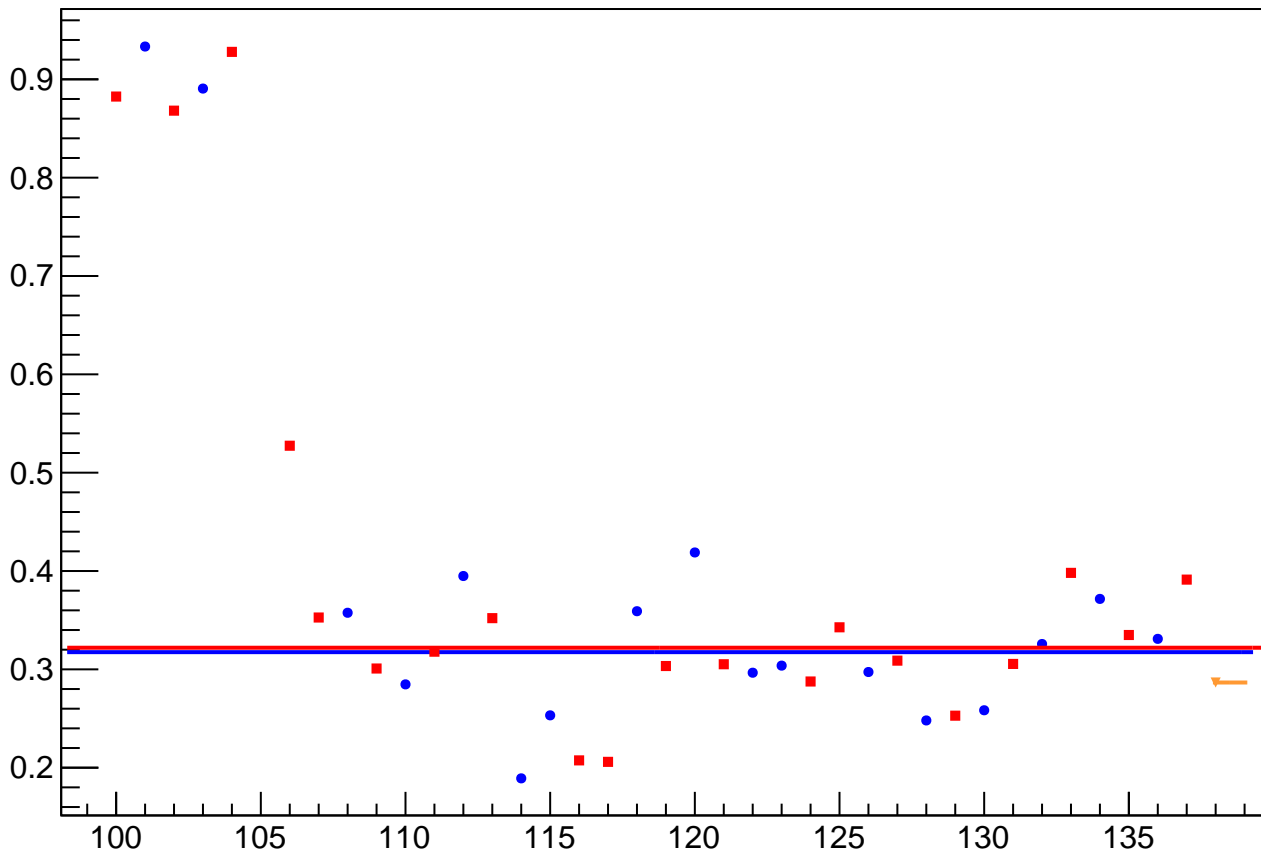
Right Out: 144.419+/-0.000 χ^2/NDF : 4820290476.6/19

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

144.593+/-0.000 χ^2/NDF : 3946935208.7/17

144.419+/-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: 0.287+/-0.000 χ^2/NDF : 0.0/0

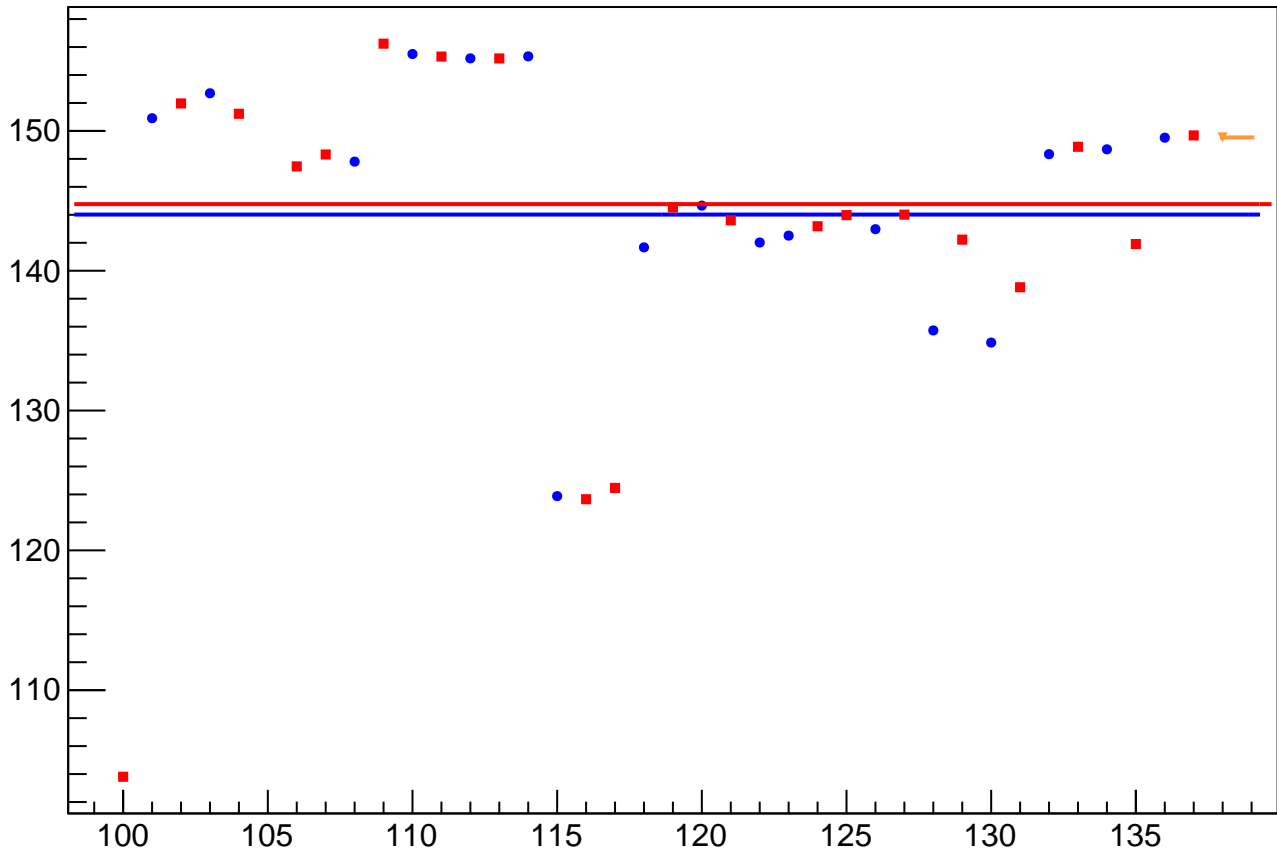
Right Out: 0.322+/-0.000 χ^2/NDF : 1243703.4/19

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

0.313+/-0.000 χ^2/NDF : 1307465.2/17

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: 149.536+/-0.000 χ^2/NDF : 0.0/0

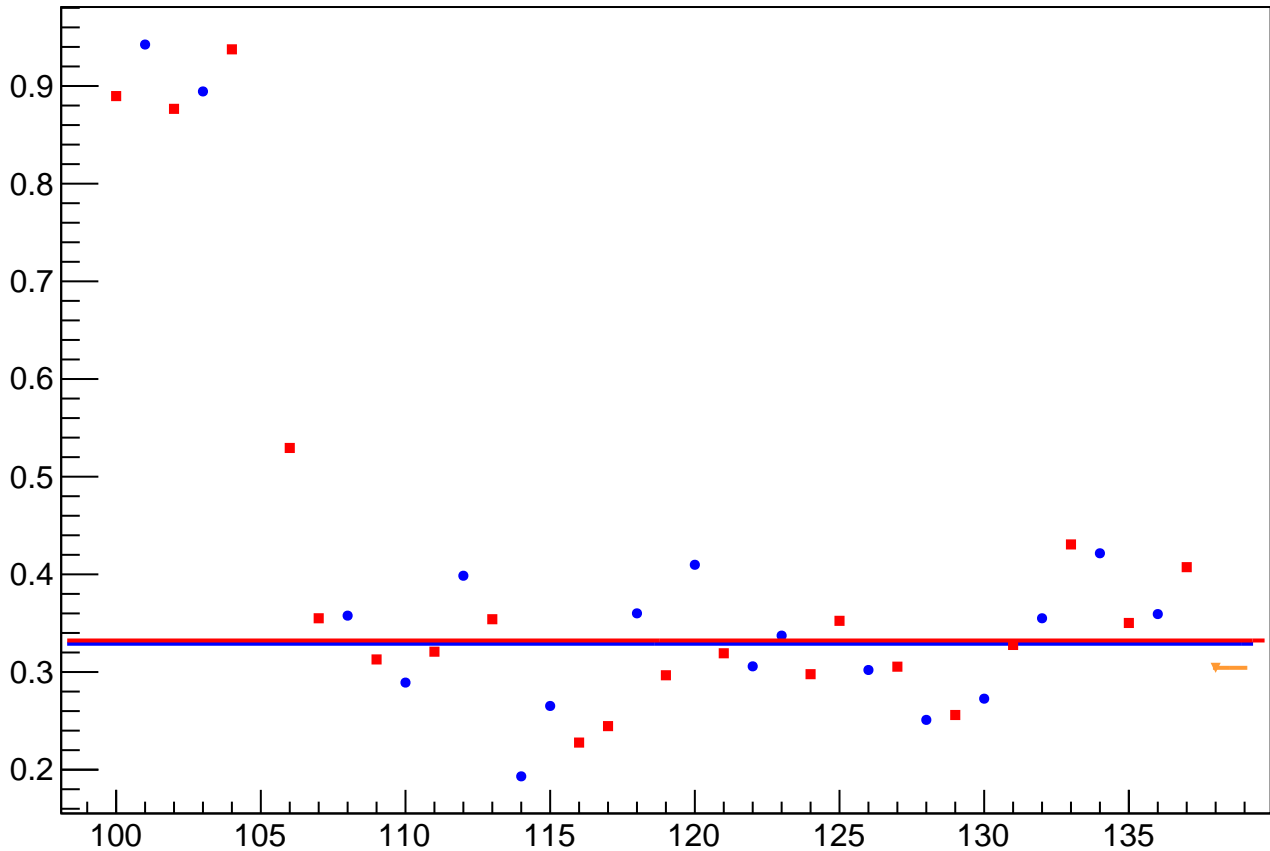
Right Out: 144.764+/-0.000 χ^2/NDF : 4098462011.9/19

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

144.727+/-0.000 χ^2/NDF : 3439694788.5/17

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: 0.304+/-0.000 χ^2/NDF : 0.0/0

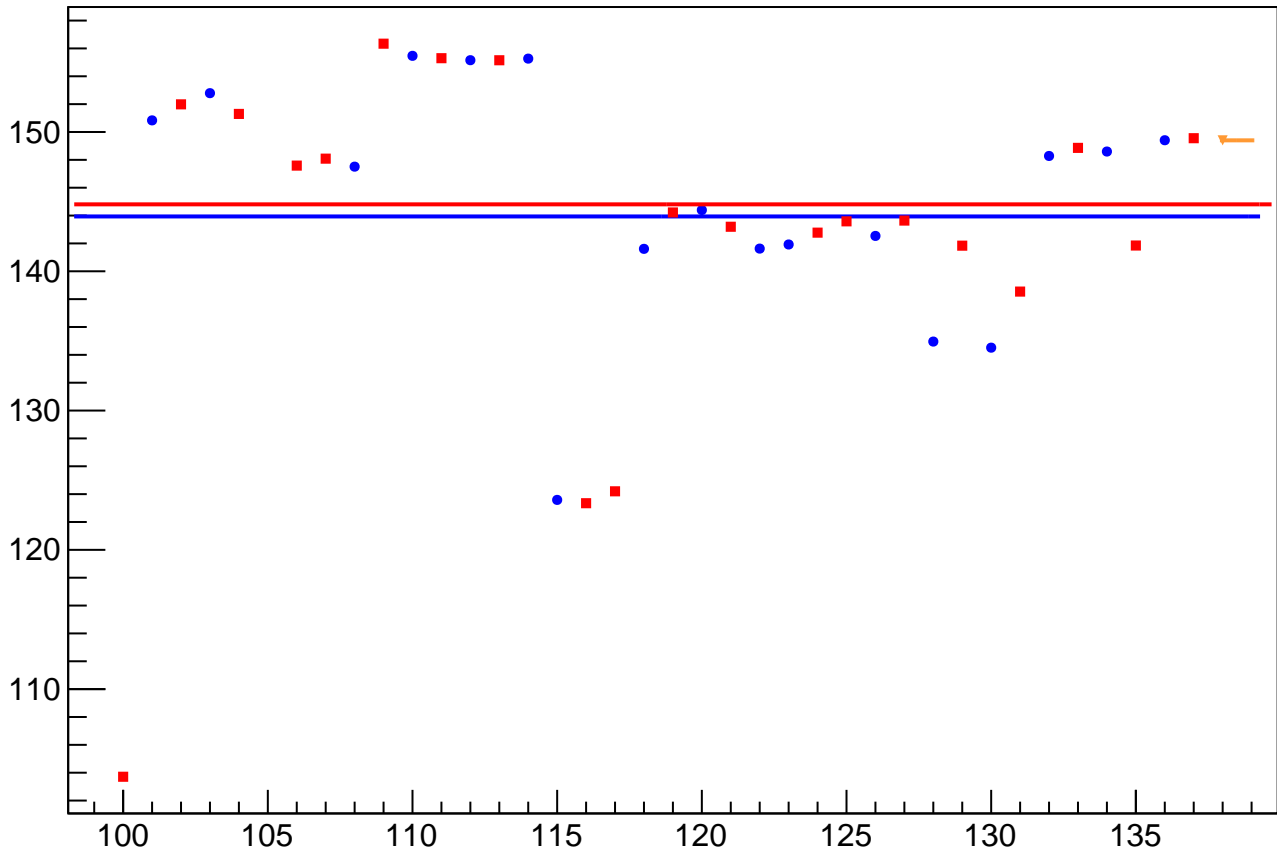
Right Out: 0.332+/-0.000 χ^2/NDF : 1191637.2/19

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

0.326+/-0.000 χ^2/NDF : 1284148.4/17

0.332+/-0.000 χ^2/NDF : 1191637.2/19

yield_bcm_dg_ds_mean vs Slug



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

Left Out: 149.401 \pm 0.000 χ^2 /NDF:0.0/0

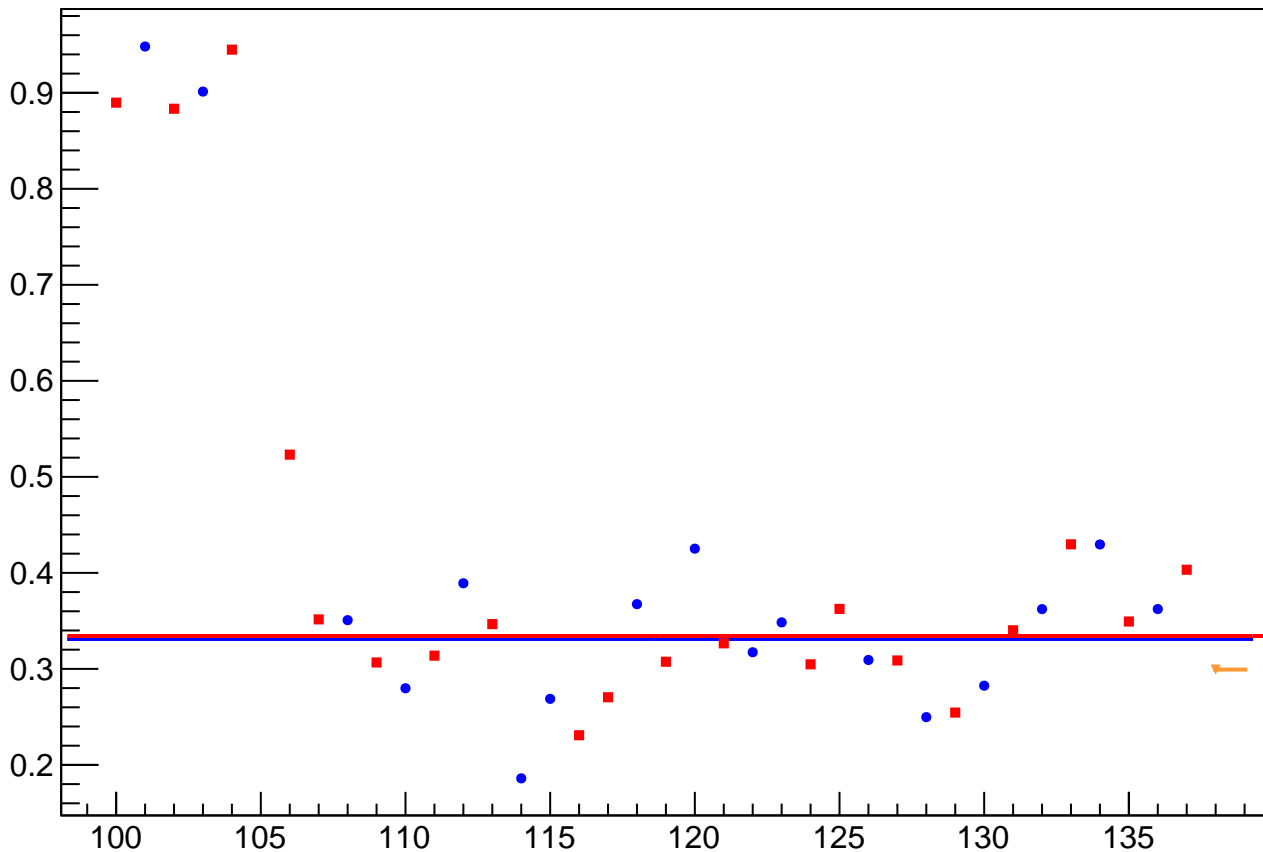
Right Out: 144.806 \pm 0.000 χ^2 /NDF: 4139087143.3/19

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

144.667 \pm 0.000 χ^2 /NDF: 3580780492.9/17

144.806 \pm 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: 0.299+/-0.000 χ^2/NDF : 0.0/0

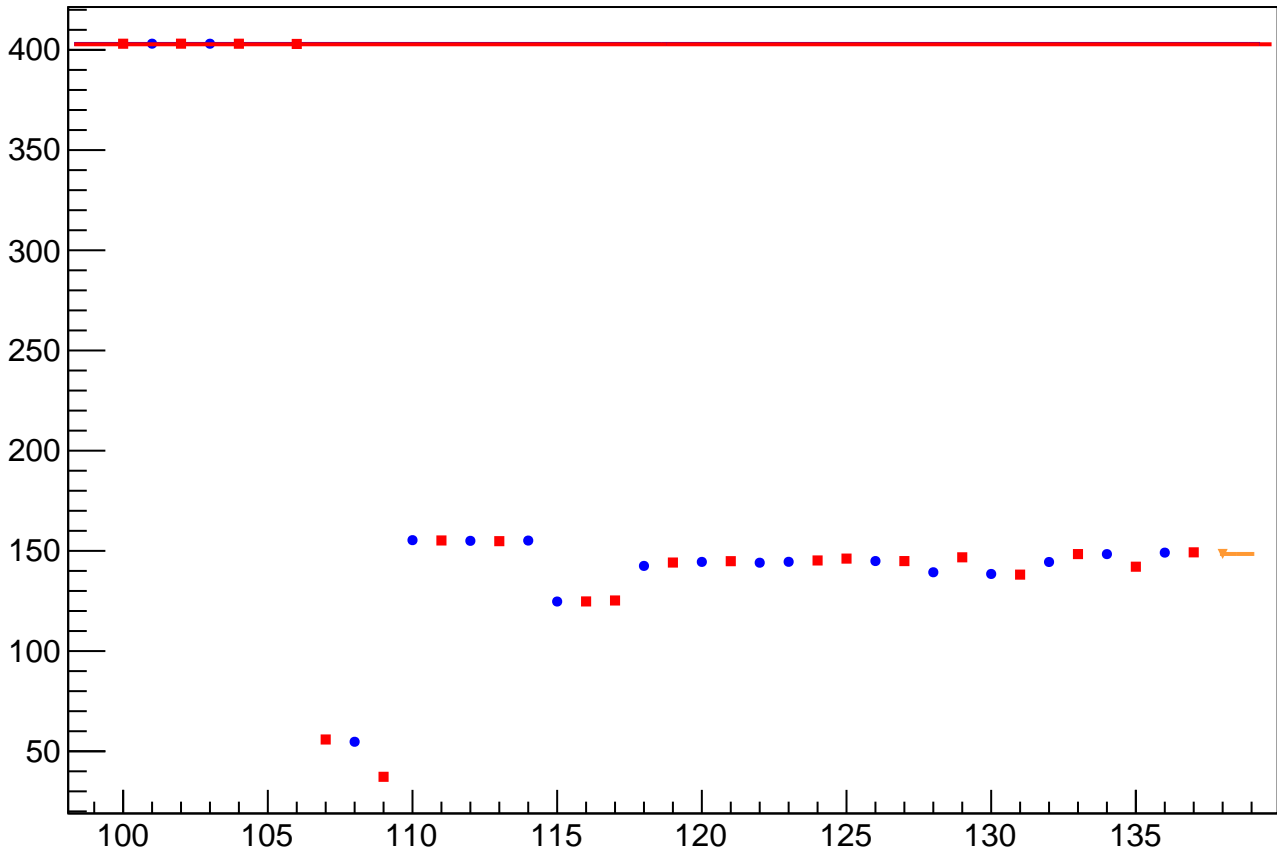
Right Out: 0.334+/-0.000 χ^2/NDF : 1176170.4/19

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

0.327+/-0.000 χ^2/NDF : 1309493.7/17

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: 148.463+/-0.001 χ^2/NDF : 0.0/0

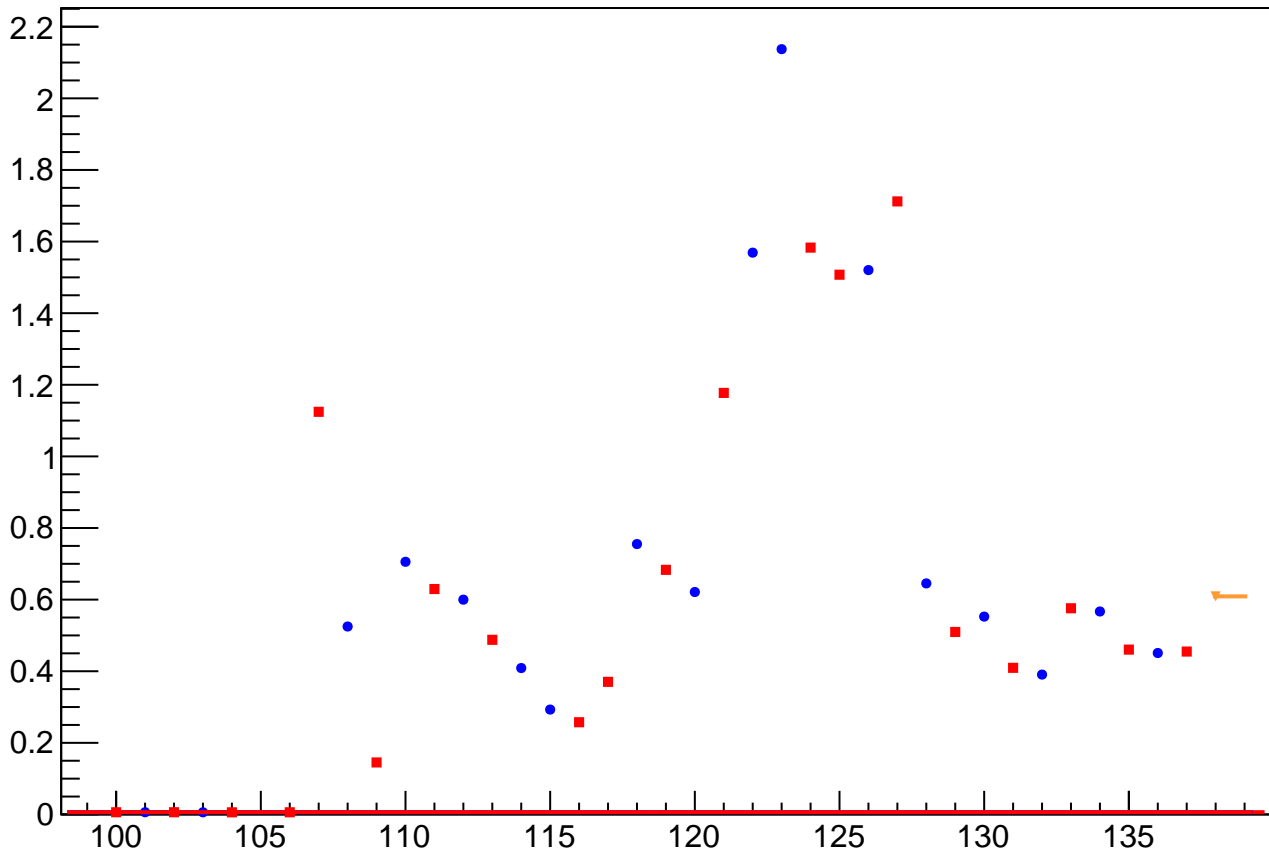
Right Out: 402.797+/-0.000 χ^2/NDF : 3122752044607.2/19

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

402.944+/-0.000 χ^2/NDF : 1203309675408.9/17

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: 0.609+/-0.001 χ^2 /NDF: 0.0/0

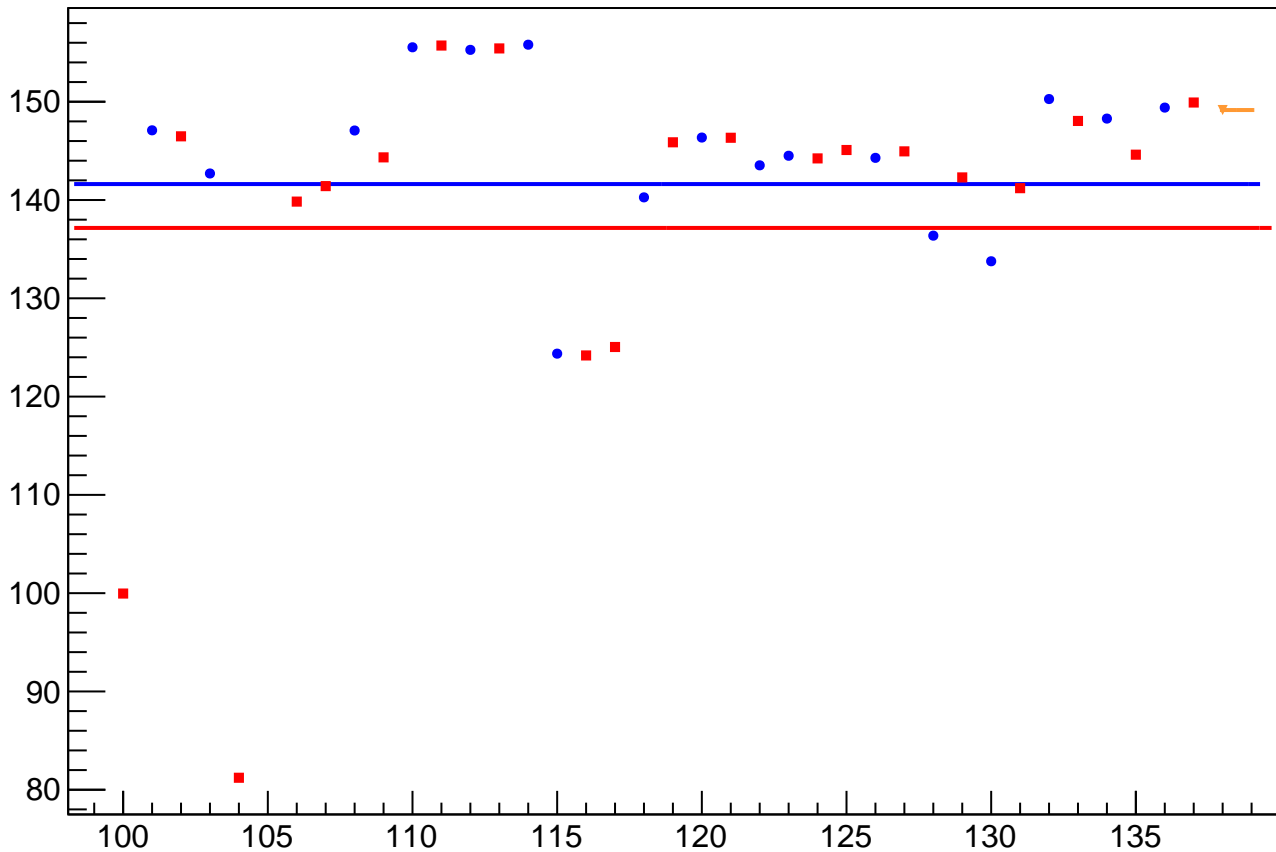
Right Out: 0.006+/-0.000 χ^2 /NDF: 9277290.2/19

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

0.006+/-0.000 χ^2 /NDF: 10356894.8/17

0.006+/-0.000 χ^2 /NDF: 9277290.2/19

yield_cav4cQ_mean vs Slug



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

Left Out: 149.155+/-0.001 χ^2 /NDF: 0.0/0

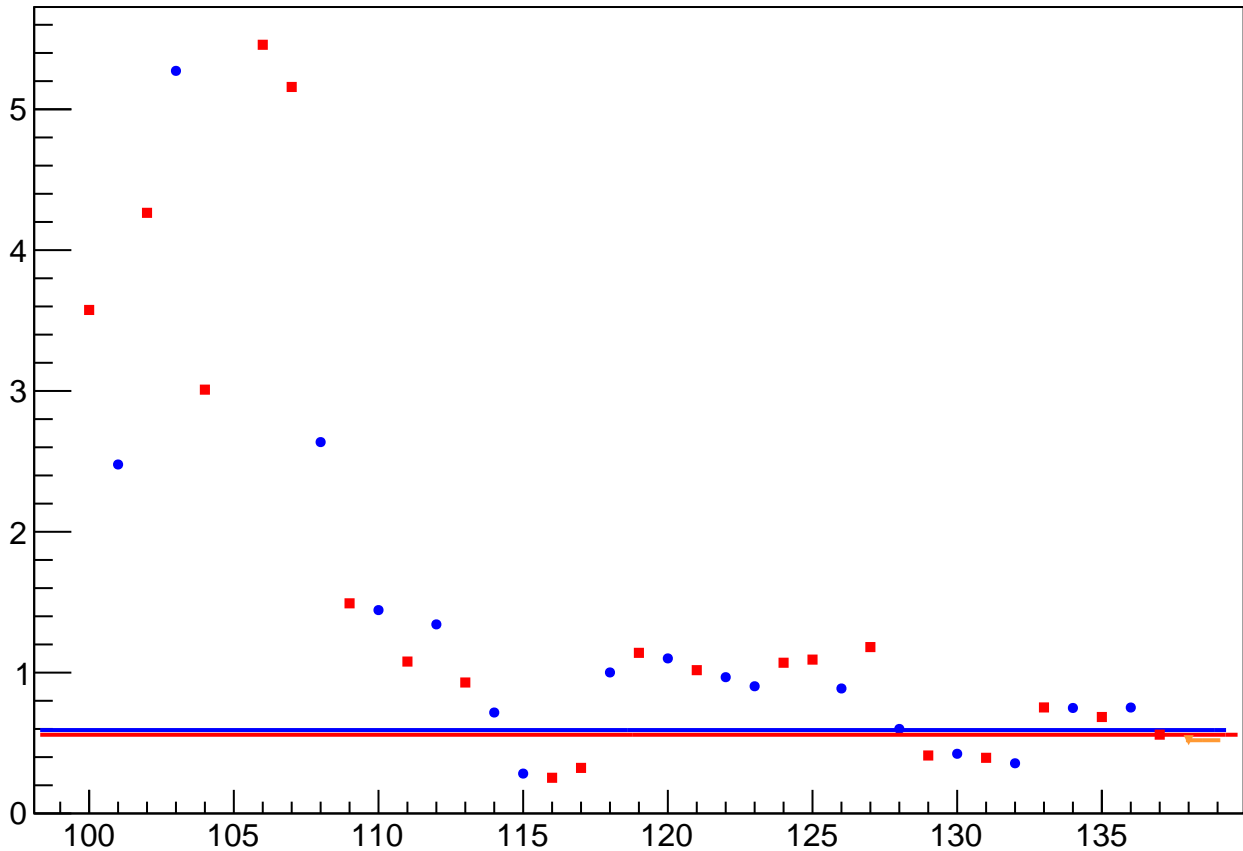
Right Out: 137.160+/-0.000 χ^2 /NDF: 1365742338.8/19

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

142.551+/-0.000 χ^2 /NDF: 1052854071.4/17

137.160+/-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: 0.520+/-0.001 χ^2/NDF : 0.0/0

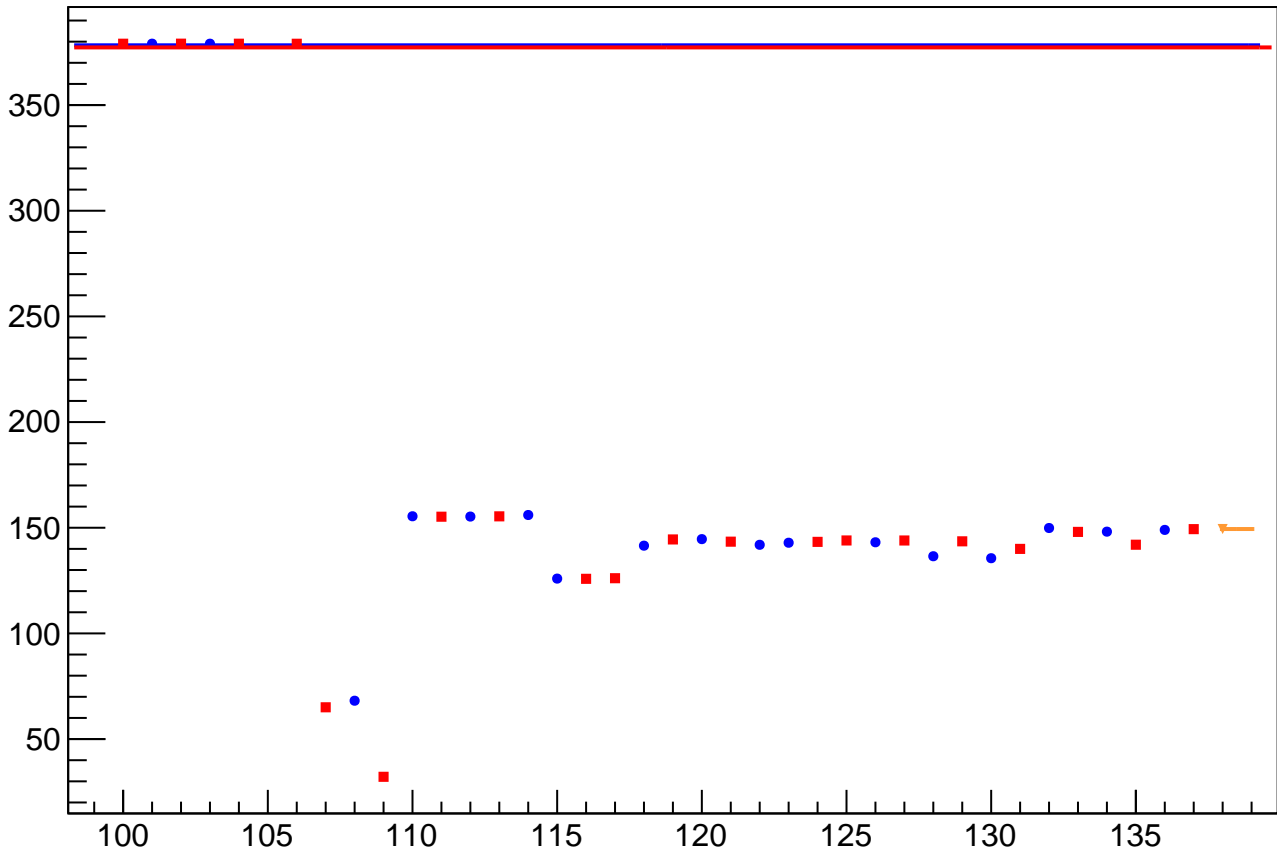
Right Out: 0.559+/-0.000 χ^2/NDF : 4719868.1/19

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

0.583+/-0.000 χ^2/NDF : 3534645.7/17

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: 149.394+/-0.000 χ^2 /NDF: 0.0/0

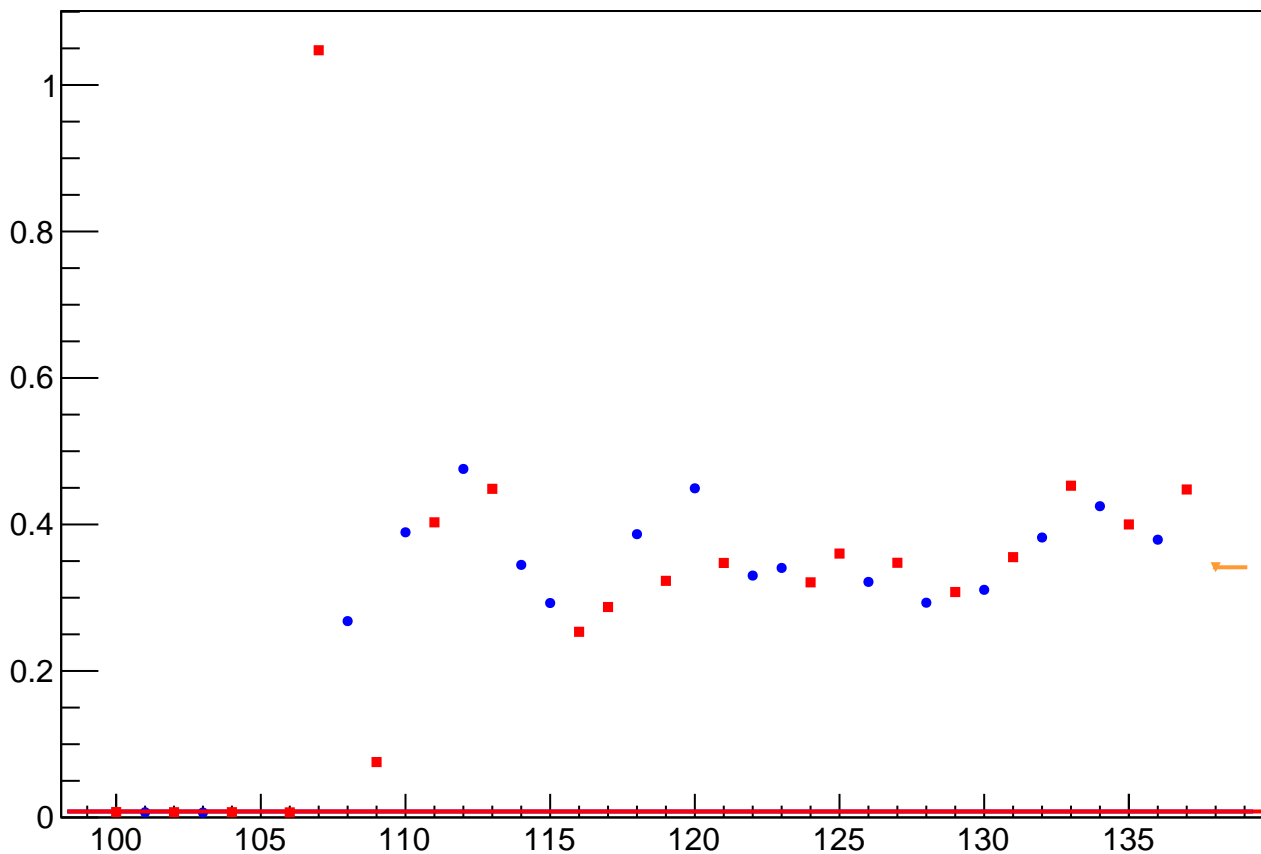
Right Out: 377.282+/-0.000 χ^2 /NDF: 8306405788315.4/19

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

378.175+/-0.000 χ^2 /NDF: 2835550336759.5/17

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: 0.342+/-0.000 χ^2/NDF : 0.0/0

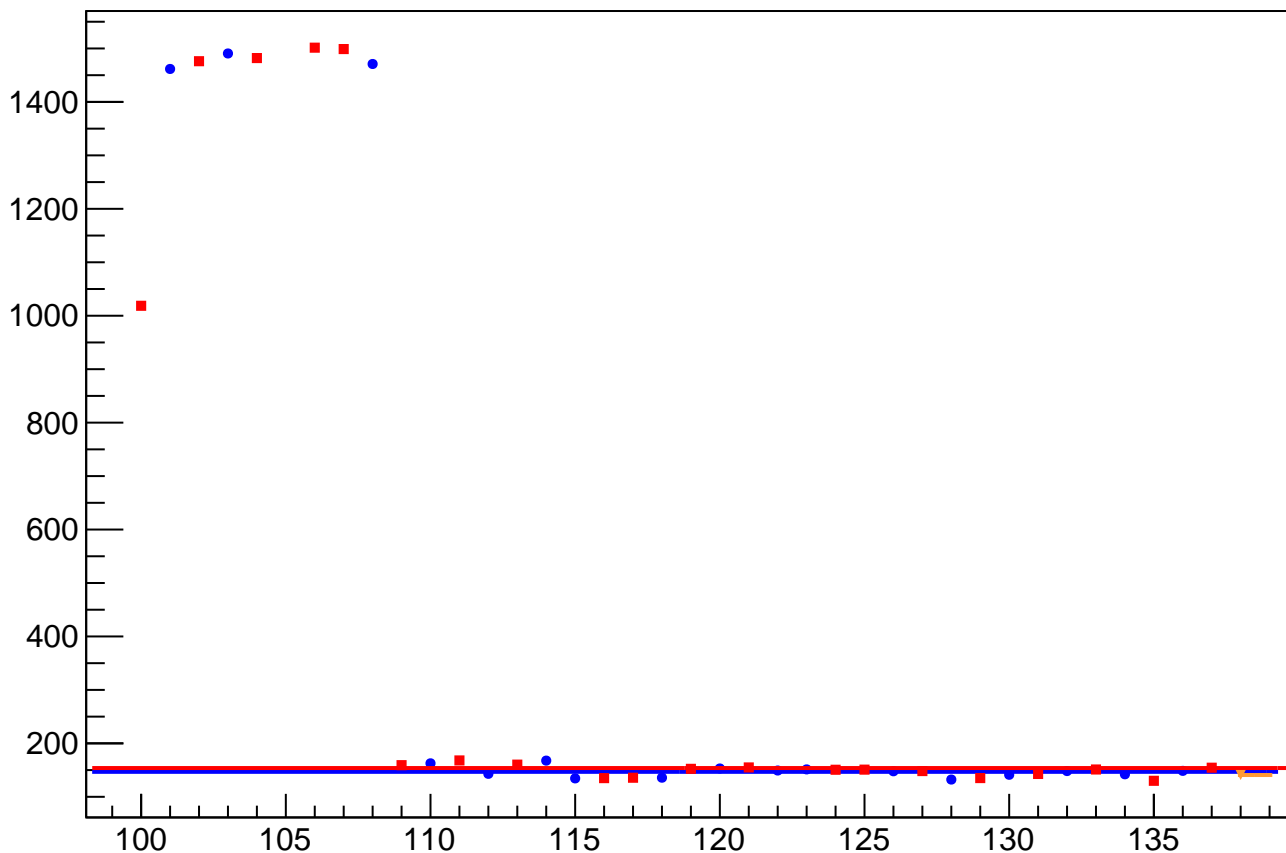
Right Out: 0.008+/-0.000 χ^2/NDF : 9601959.4/19

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

0.008+/-0.000 χ^2/NDF : 11257676.6/17

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: 140.764+/-0.001 χ^2/NDF : 0.0/0

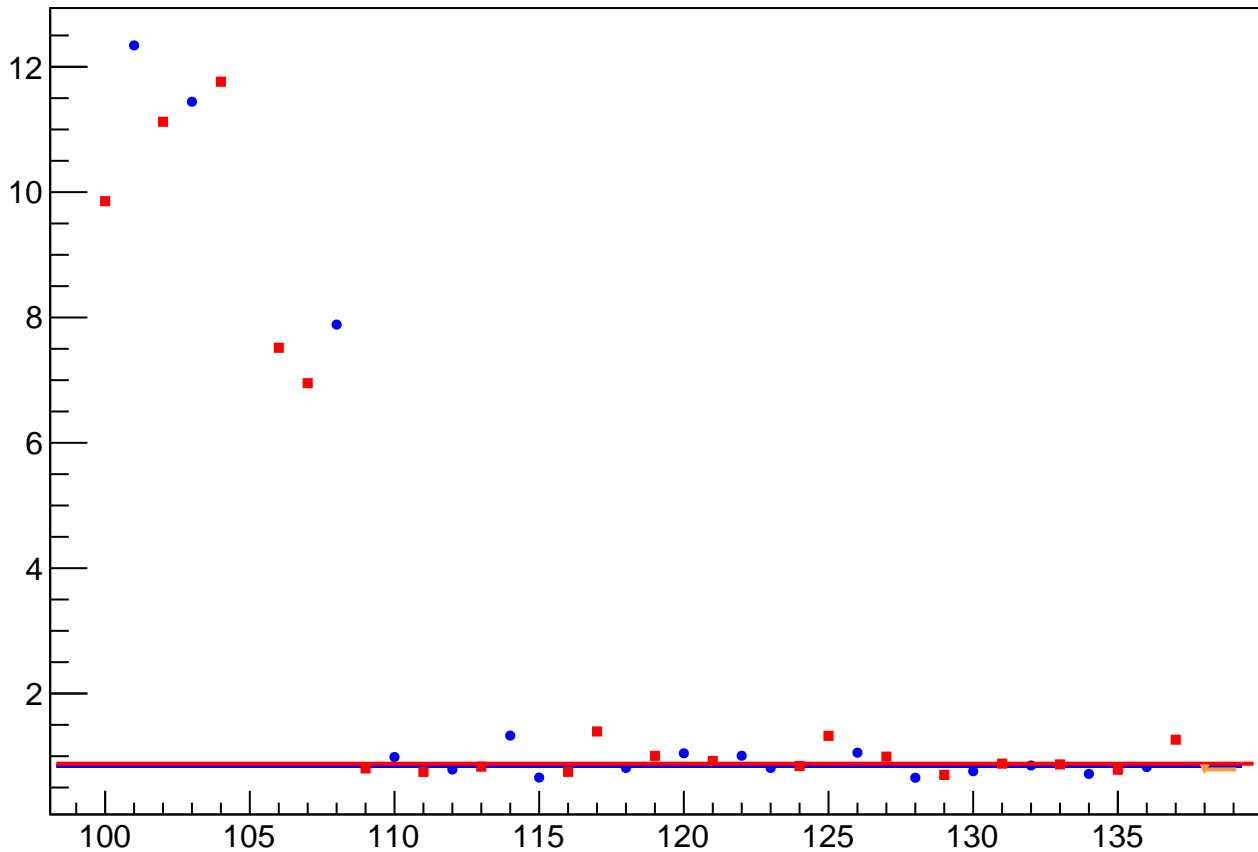
145.988+/-0.000 χ^2/NDF : 24374328960.4/17

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

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

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

yield_bcm0l02_rms vs Slug



Right In: 0.844 \pm 0.000 χ^2 /NDF: 2670470.7/16

Left Out: 0.789 \pm 0.001 χ^2 /NDF: 0.0/0

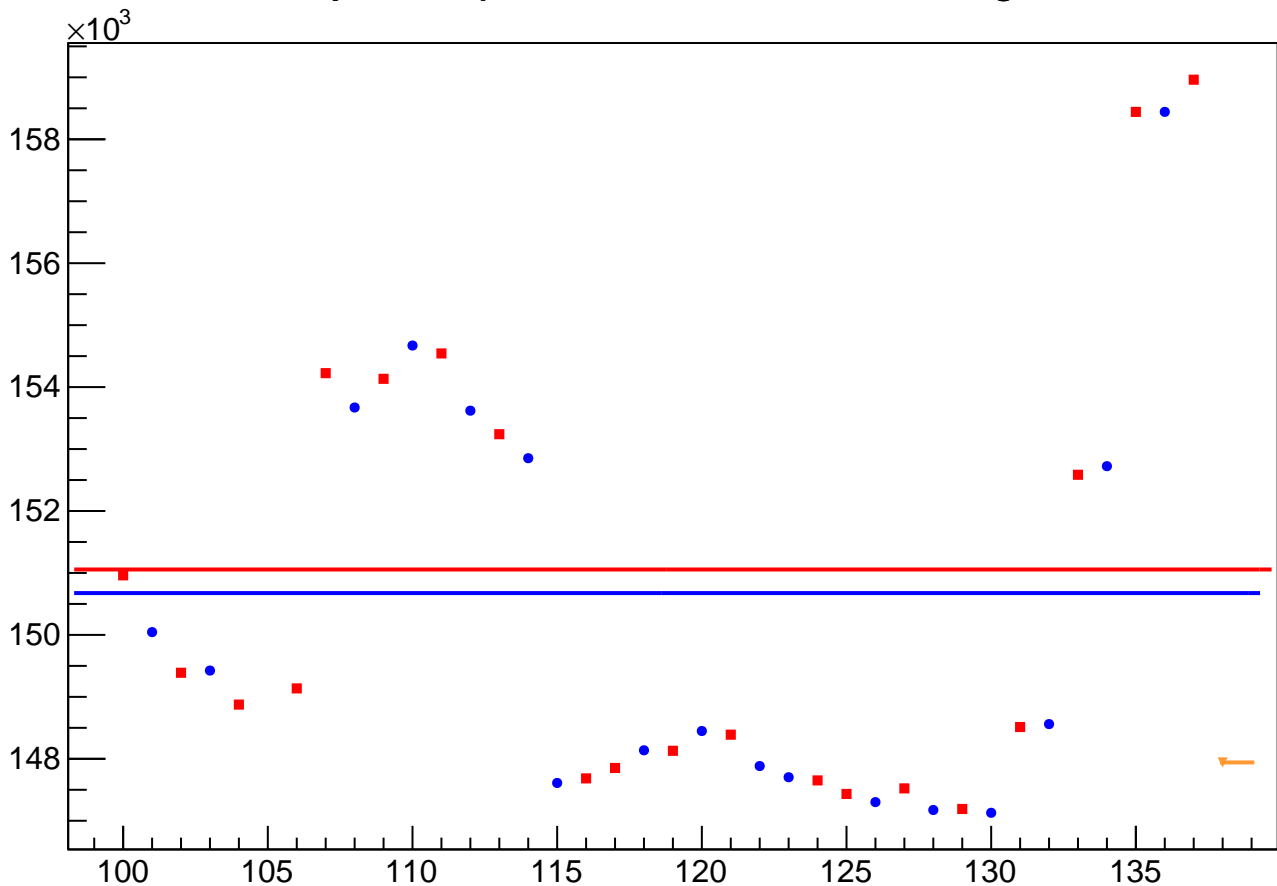
Right Out: 0.880 \pm 0.000 χ^2 /NDF: 2823230.1/19

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

0.837 \pm 0.000 χ^2 /NDF: 2674471.7/17

0.880 \pm 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: 147941.449 \pm 0.211 χ^2 /NDF:0.0/0

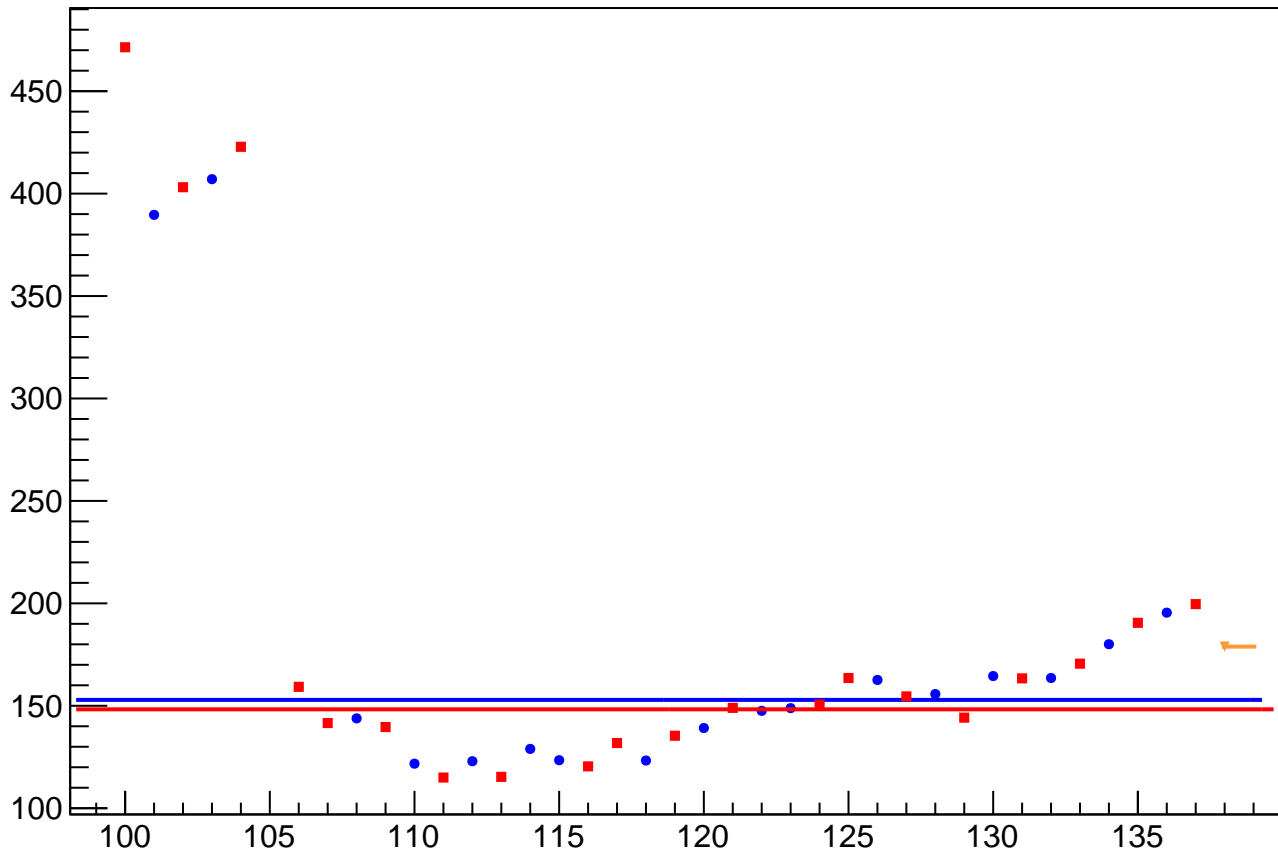
150452.040 \pm 0.060 χ^2 /NDF: 3463739937.3/17

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: 178.888+/-0.149 χ^2/NDF : 0.0/0

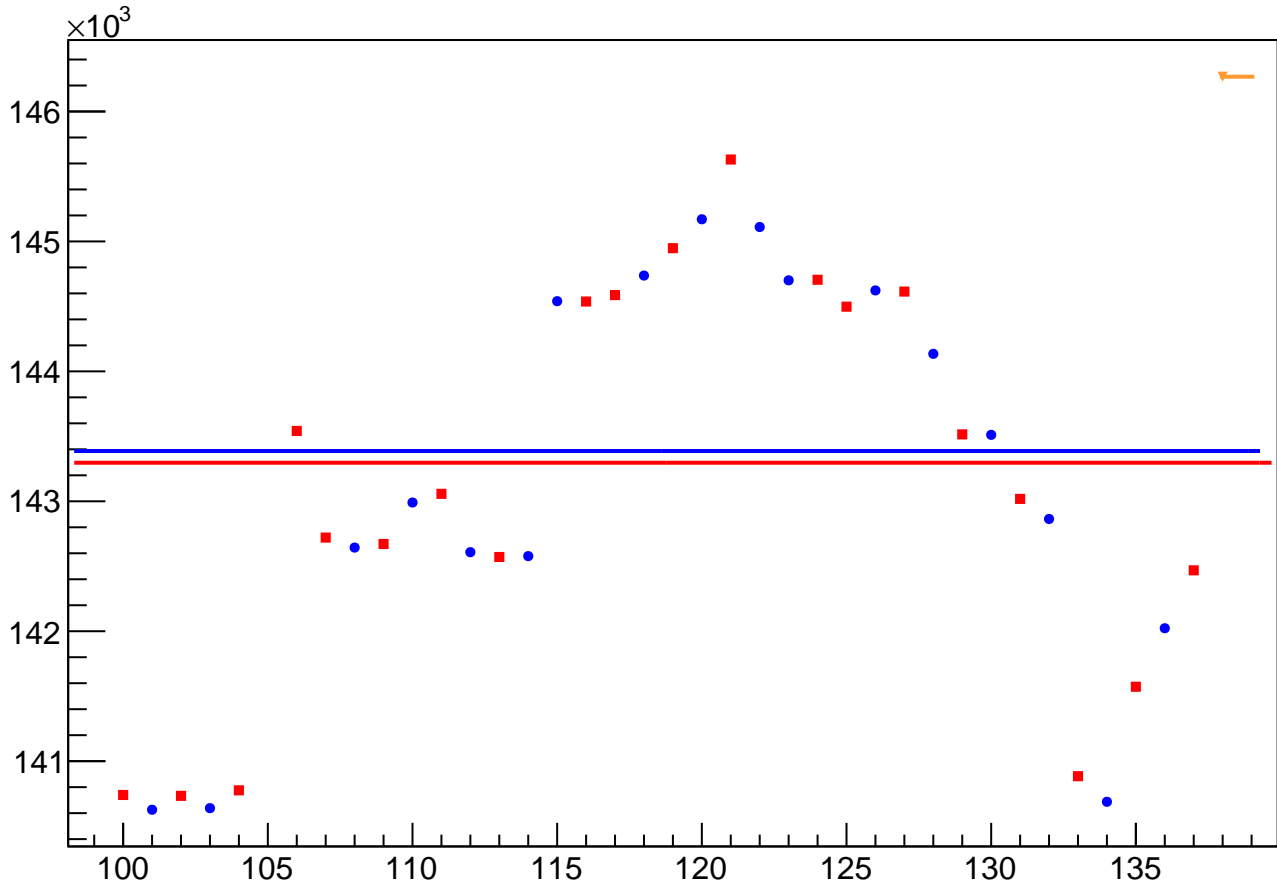
155.004+/-0.043 χ^2/NDF : 1181921.1/17

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

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

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

yield_bpm0i01aWS_mean vs Slug



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

Left Out: 146267.803+/-0.211 χ^2 /NDF:0.0/0

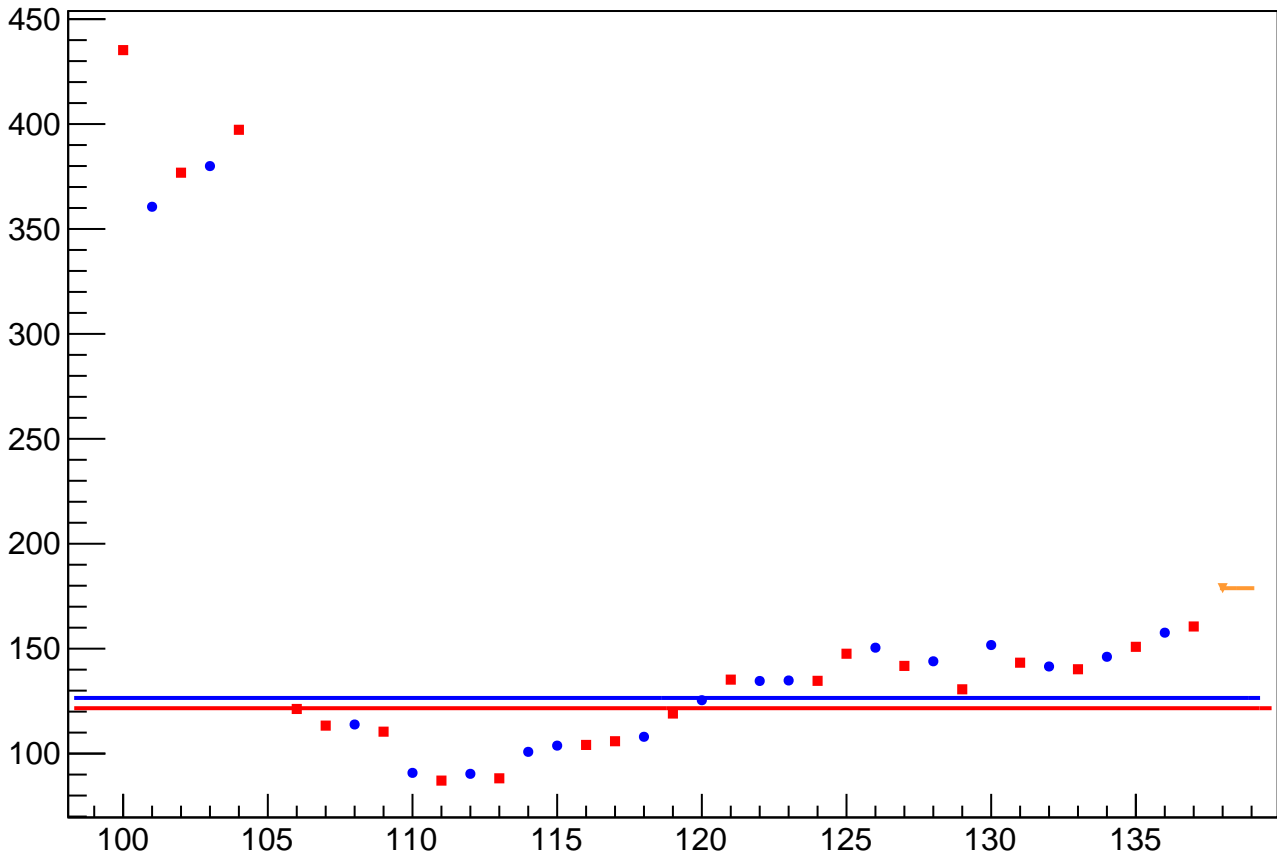
Right Out: 143296.790+/-0.049 χ^2 /NDF: 615134284.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

143556.314+/-0.051 χ^2 /NDF: 696656215.5/17

143296.790+/-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

129.586 \pm 0.036 χ^2 /NDF: 1557290.1/17

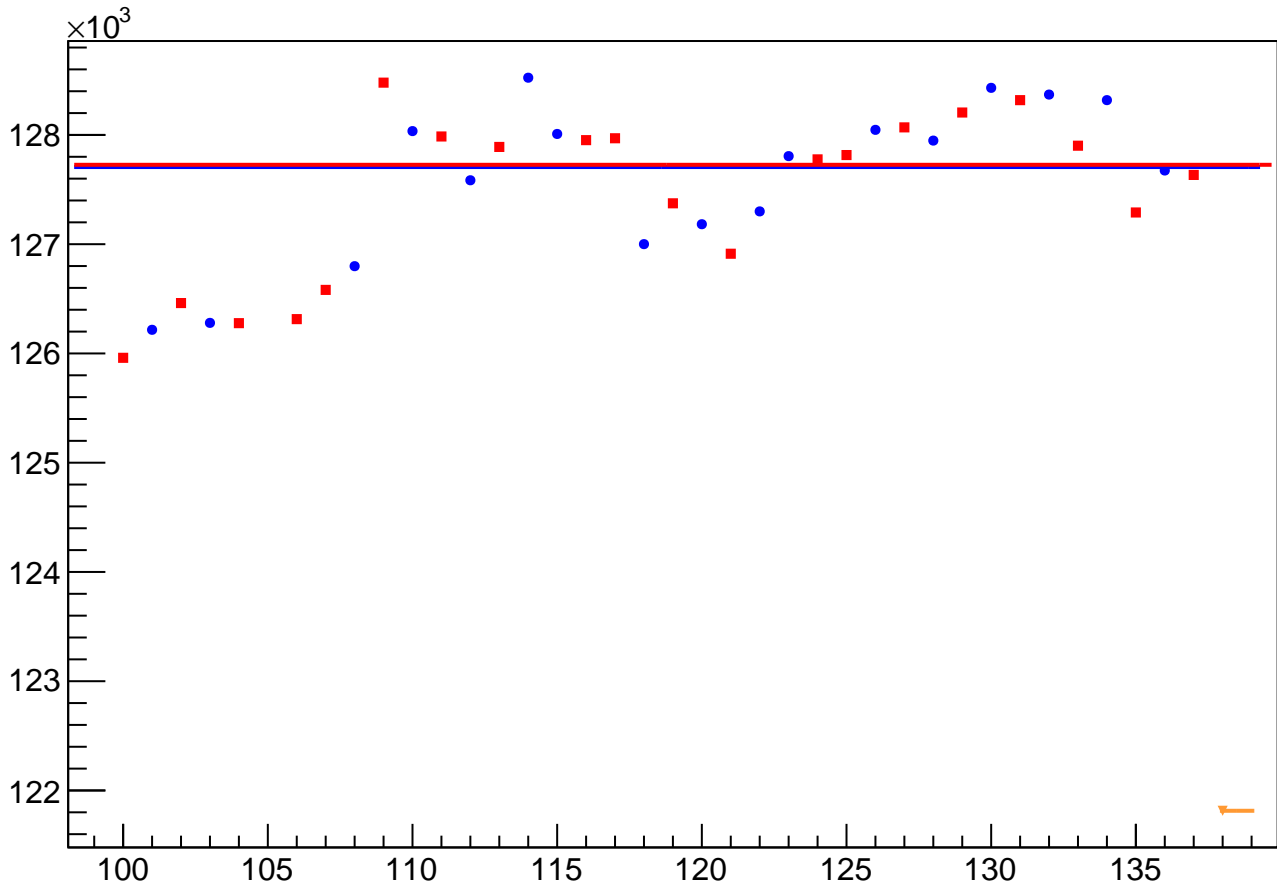
Left Out: 178.815 \pm 0.149 χ^2 /NDF:0.0/0

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

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

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

yield_bpm0l01WS_mean vs Slug



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

Left Out: 121814.068 \pm 0.180 χ^2 /NDF: 0.0/0

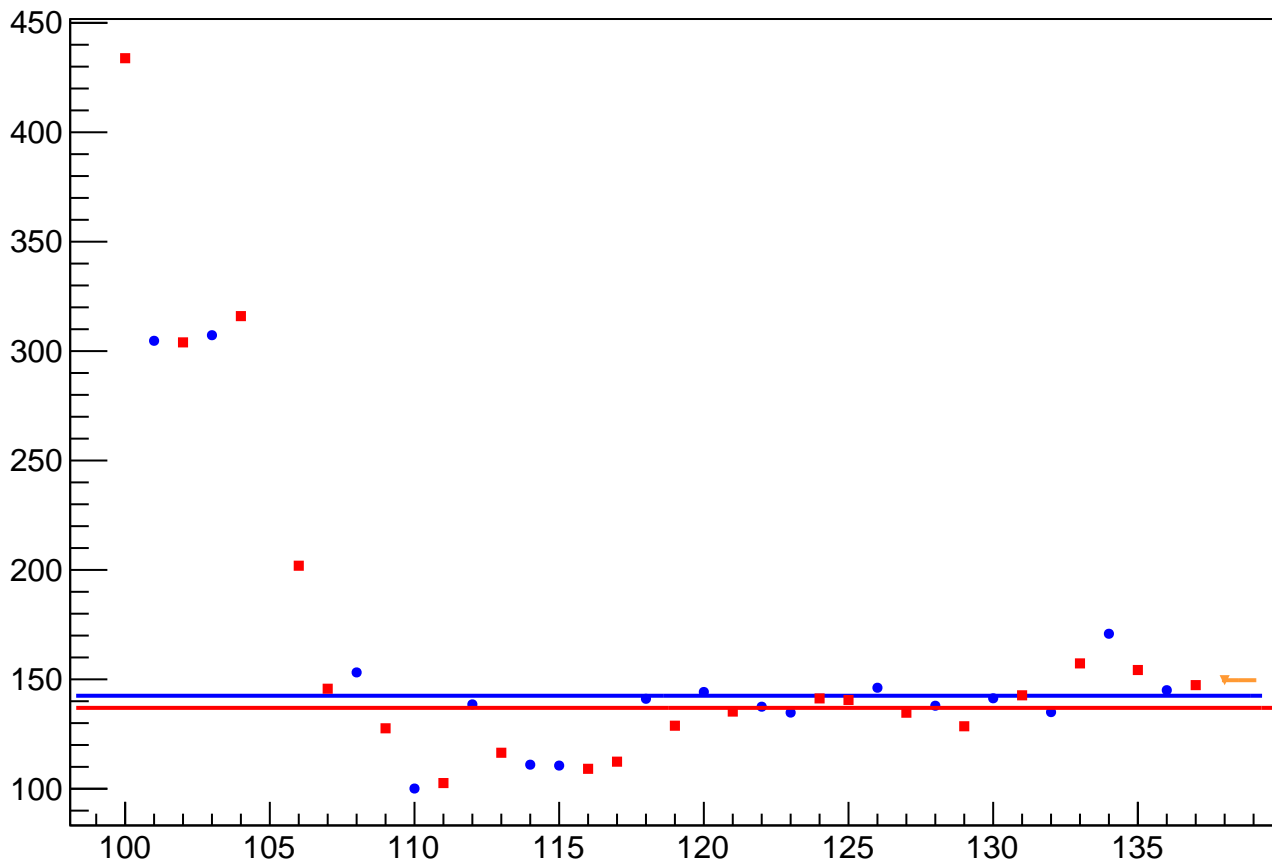
127149.012 \pm 0.055 χ^2 /NDF: 1071785915.3/17

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

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

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

yield_bpm0l01WS_rms vs Slug



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

Left Out: 149.603 \pm 0.127 χ^2 /NDF: 0.0/0

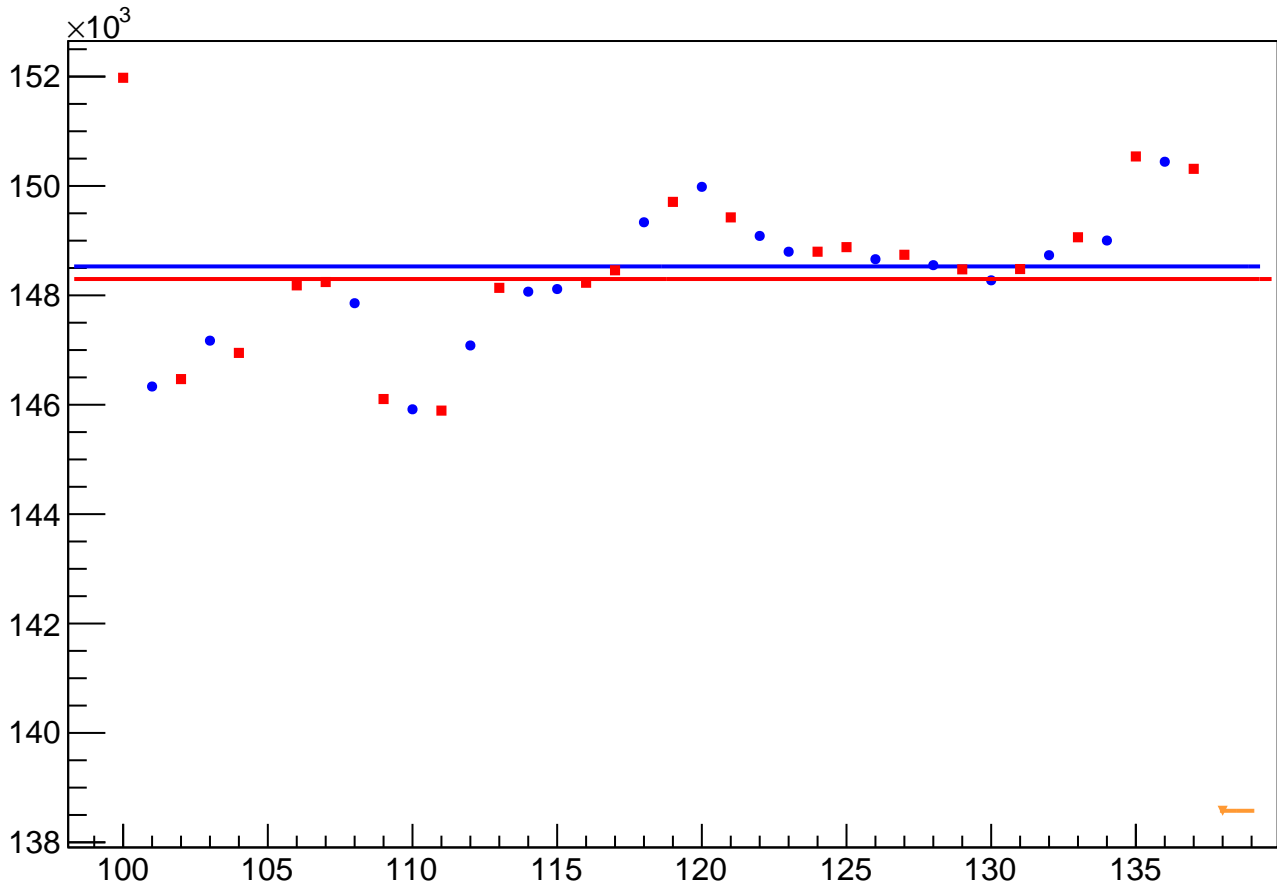
Right Out: 136.963 \pm 0.038 χ^2 /NDF: 961465.0/19

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

143.173 \pm 0.039 χ^2 /NDF: 839093.4/17

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: 138576.516 \pm 0.277 χ^2 /NDF: 0.0/0

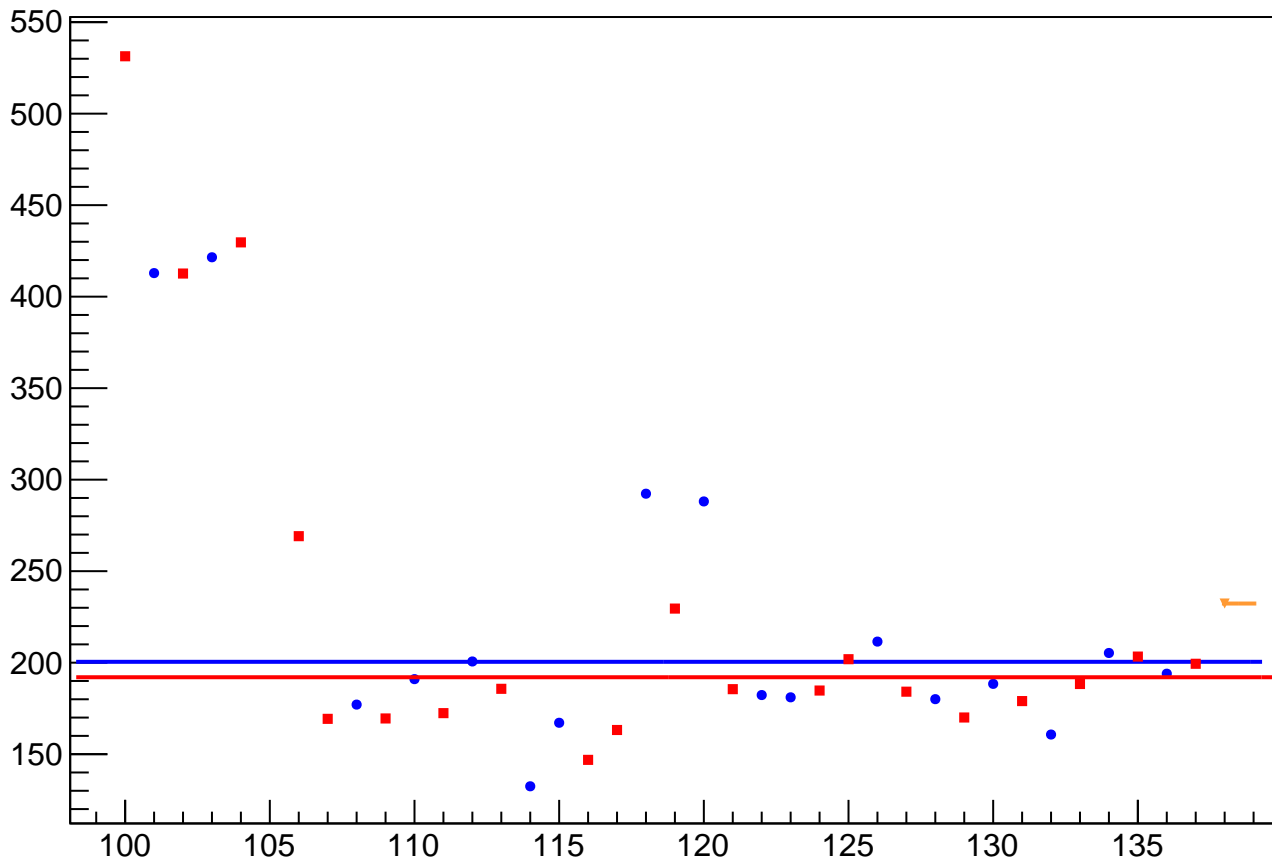
Right Out: 148298.586 \pm 0.076 χ^2 /NDF: 293284830.9/19

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

147724.620 \pm 0.079 χ^2 /NDF: 1398295084.7/17

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: 232.316+/-0.196 χ^2 /NDF: 0.0/0

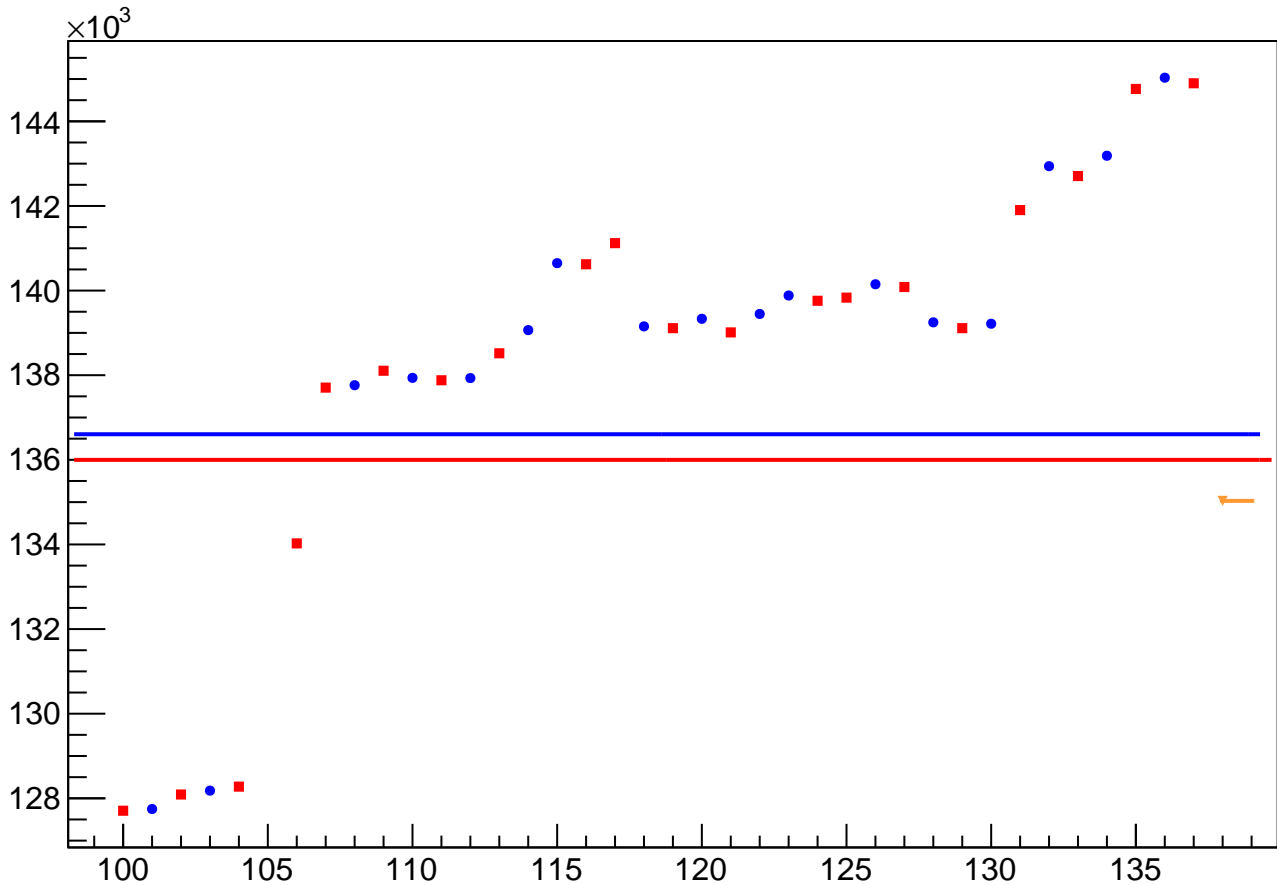
Right Out: 192.040+/-0.054 χ^2 /NDF: 847133.0/19

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

203.045+/-0.056 χ^2 /NDF: 960878.7/17

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: 135029.475 \pm 0.587 χ^2 /NDF:0.0/0

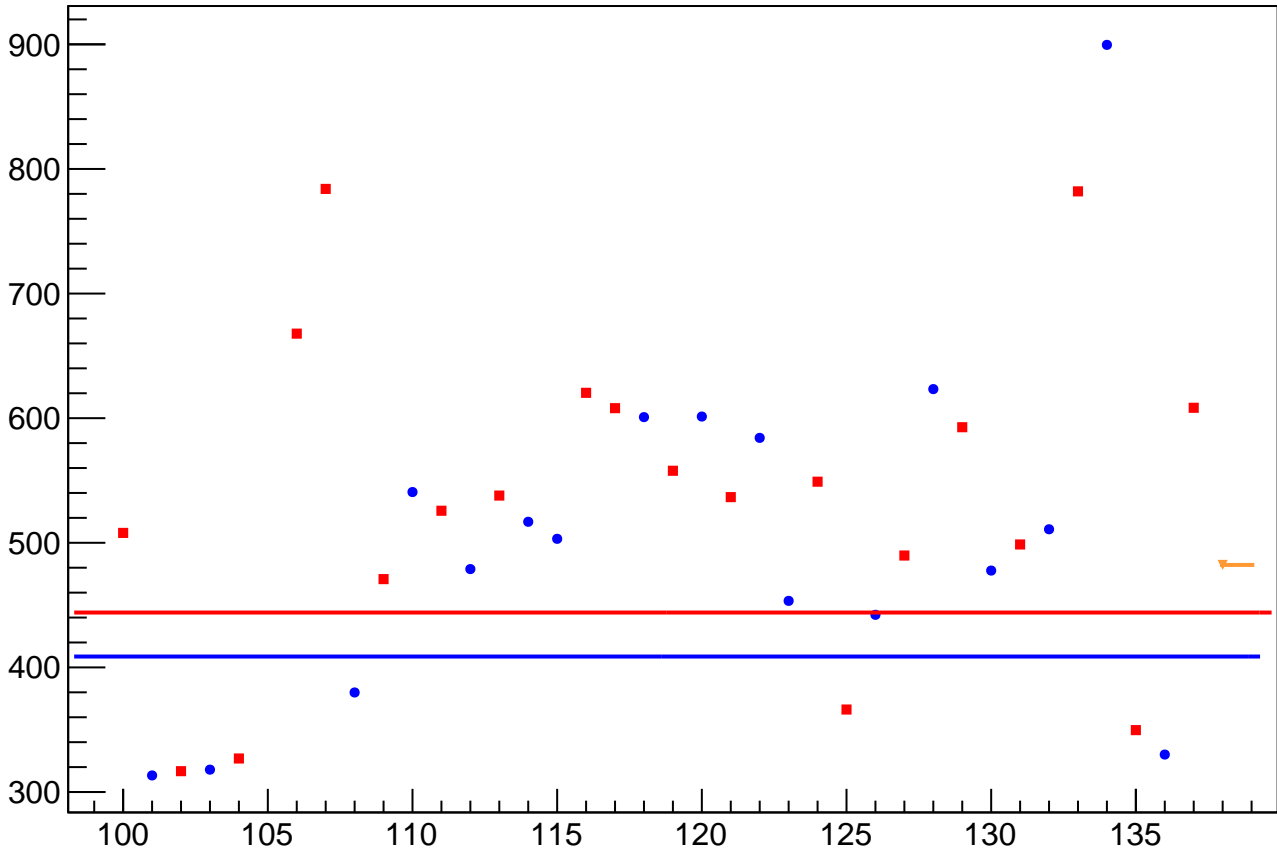
136480.863 \pm 0.165 χ^2 /NDF: 1500987694.3/17

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: 482.234+/-0.415 χ^2/NDF : 0.0/0

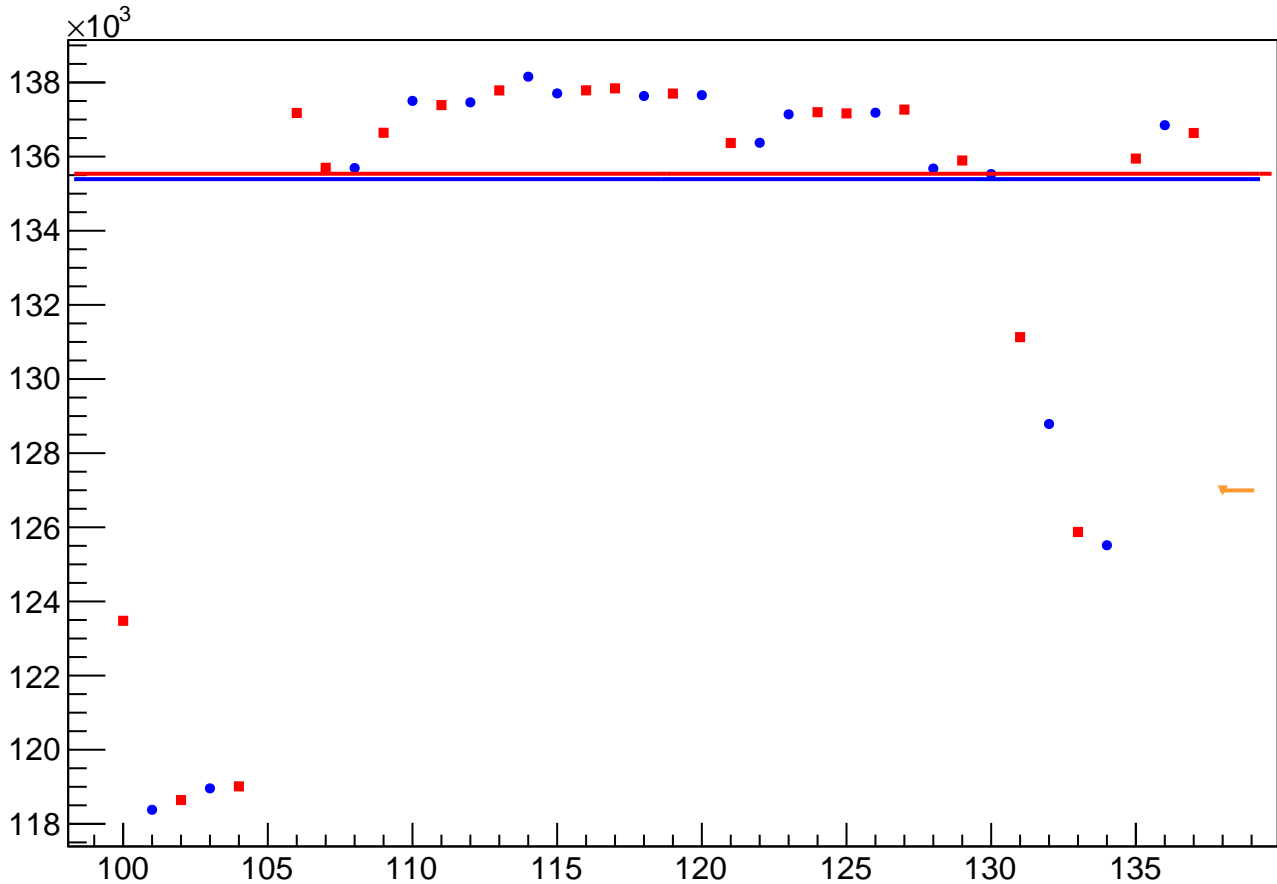
Right Out: 444.034+/-0.129 χ^2/NDF : 922545.8/19

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

414.505+/-0.116 χ^2/NDF : 852151.4/17

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: 126995.584 \pm 0.192 χ^2 /NDF: 0.0/0

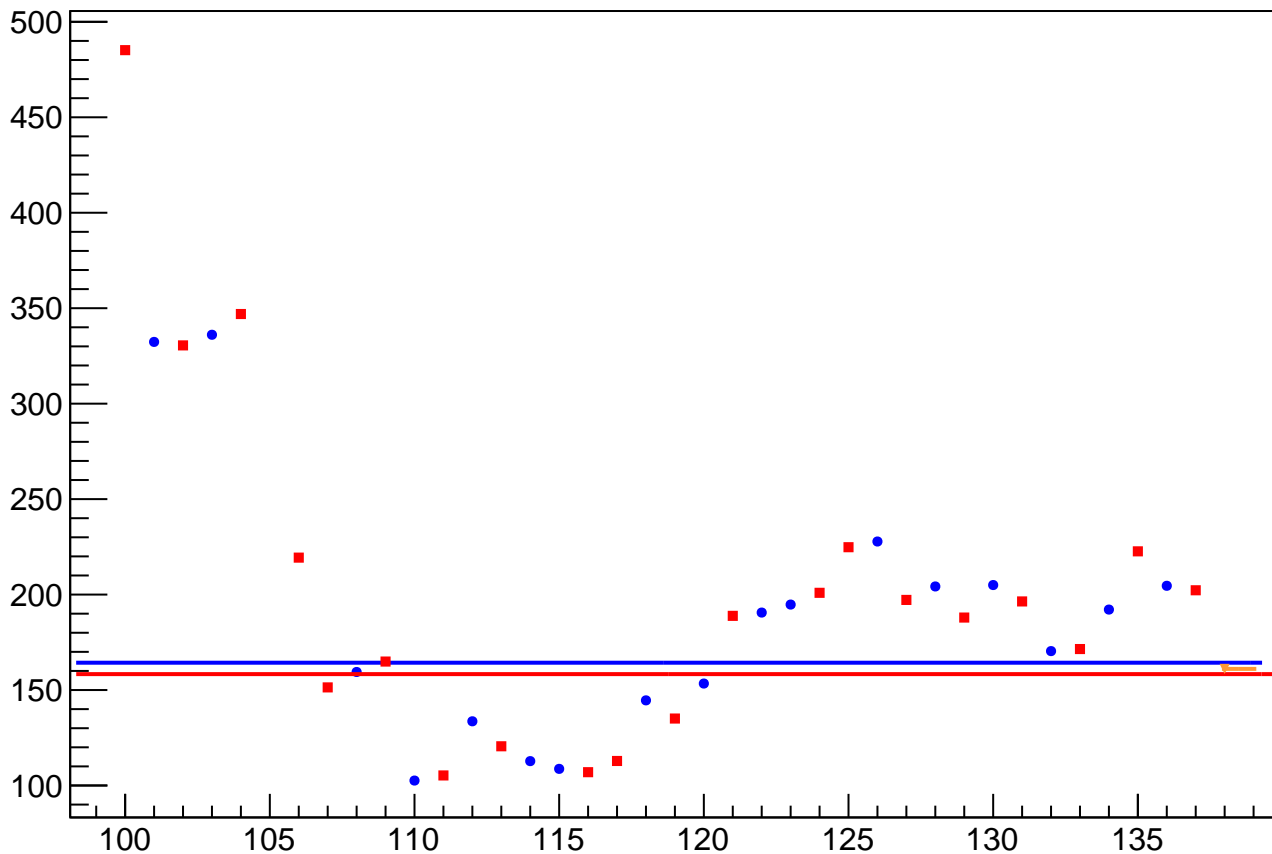
134445.765 \pm 0.064 χ^2 /NDF: 6283889195.0/17

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: 161.081+/-0.135 χ^2 /NDF:0.0/0

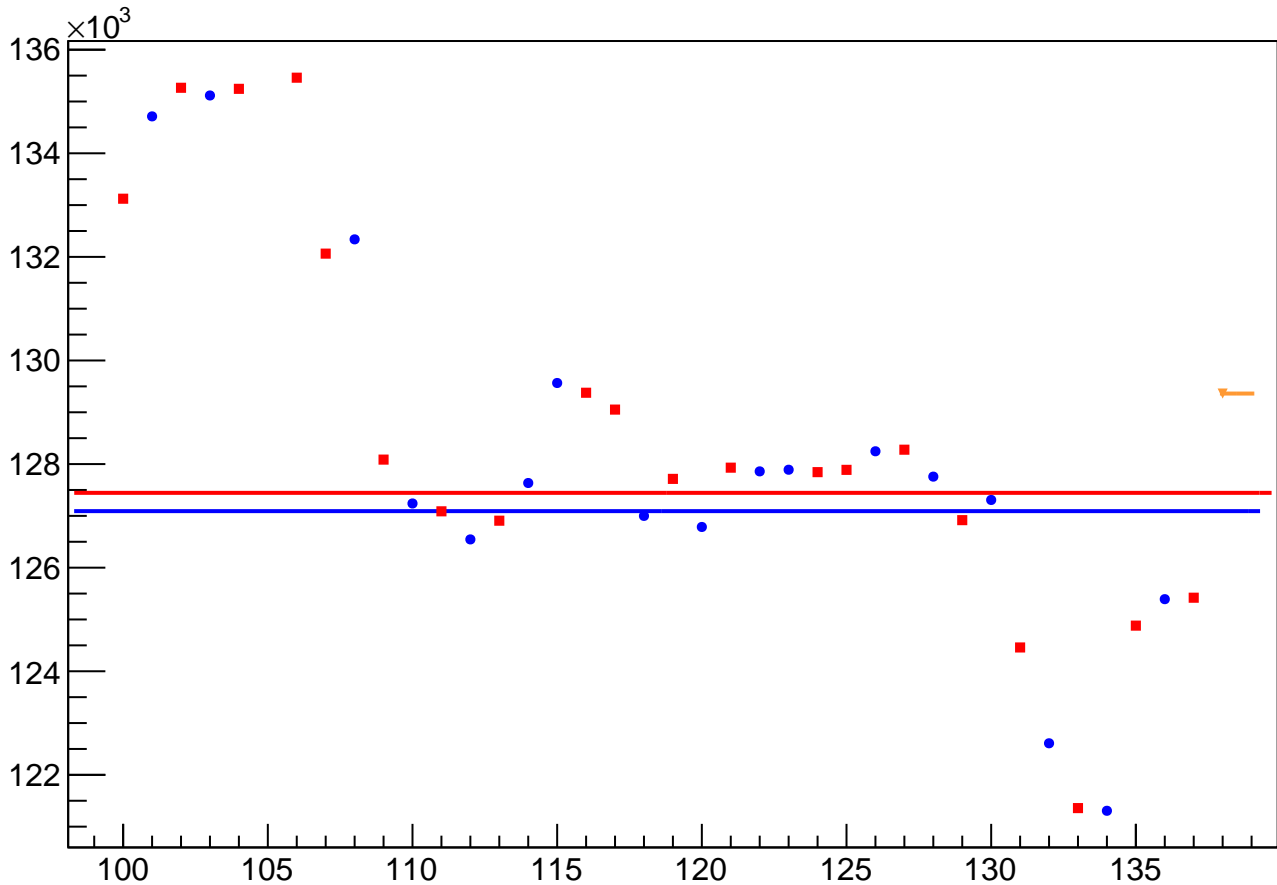
163.947+/-0.045 χ^2 /NDF: 1230992.2/17

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l05WS_mean vs Slug



Right In: 127091.500+/-0.066 χ^2 /NDF: 1717208780.6/16

Left Out: 129361.516+/-0.189 χ^2 /NDF:0.0/0

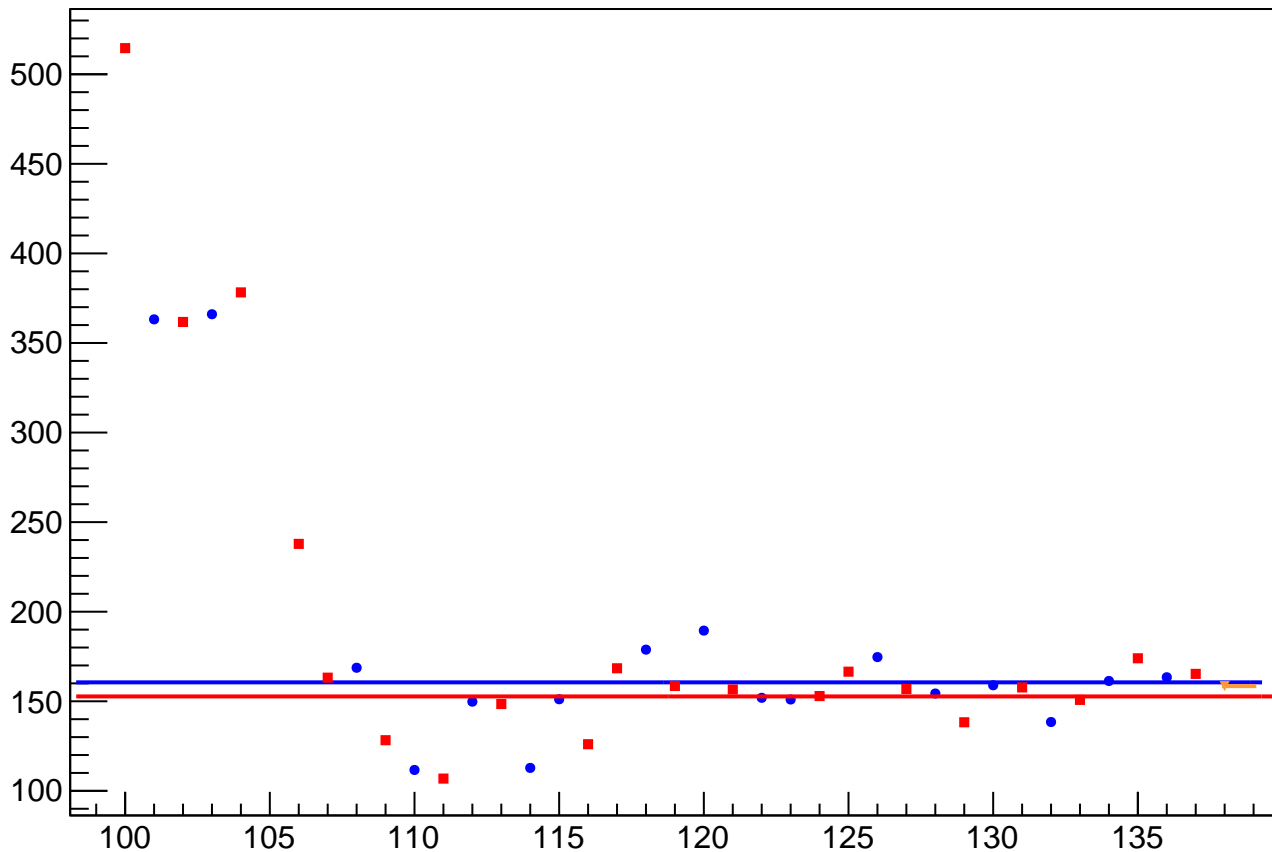
Right Out: 127444.472+/-0.061 χ^2 /NDF: 2082646787.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

127340.554+/-0.063 χ^2 /NDF: 1845811349.7/17

127444.472+/-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: 158.444+/-0.134 χ^2/NDF : 0.0/0

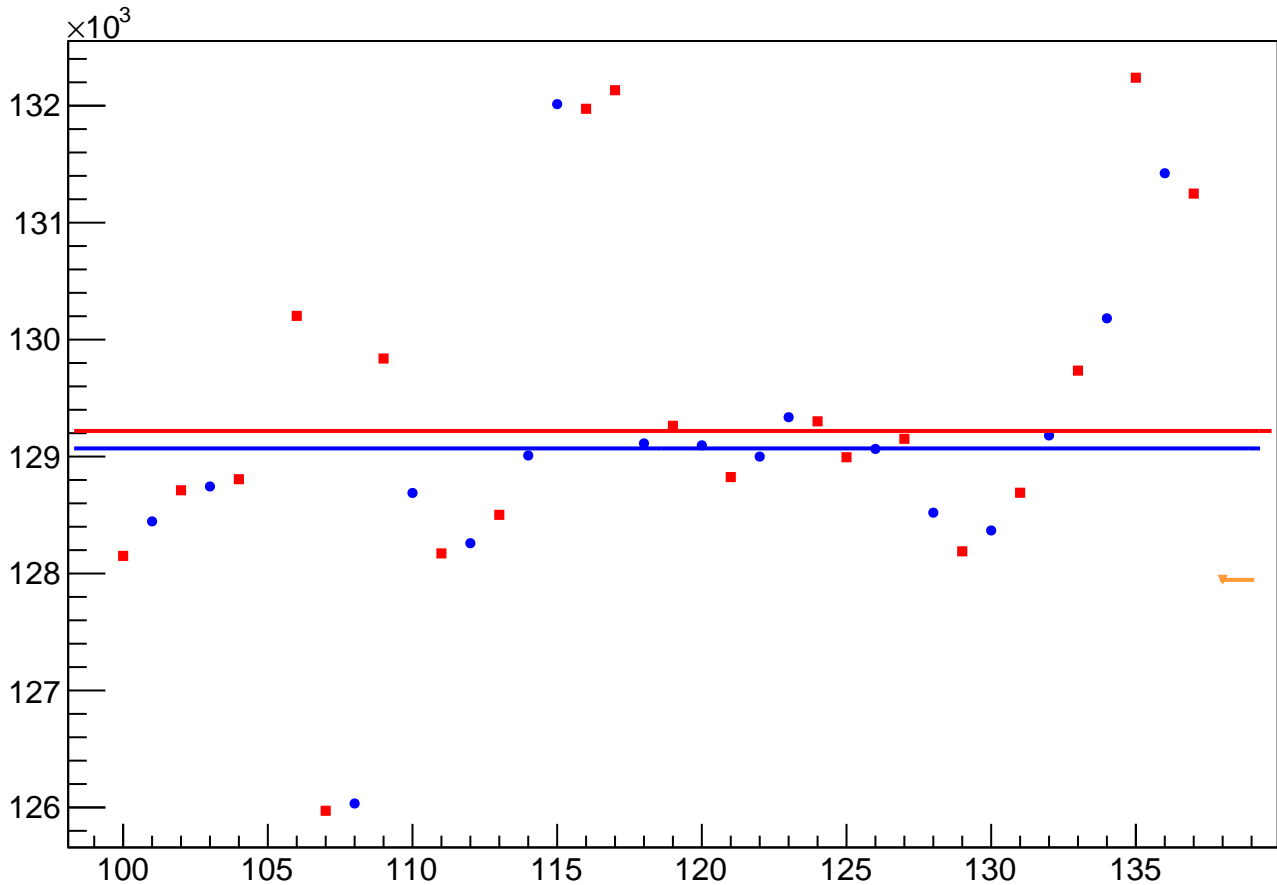
160.331+/-0.044 χ^2/NDF : 942971.3/17

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: 127945.942 \pm 0.180 χ^2 /NDF: 0.0/0

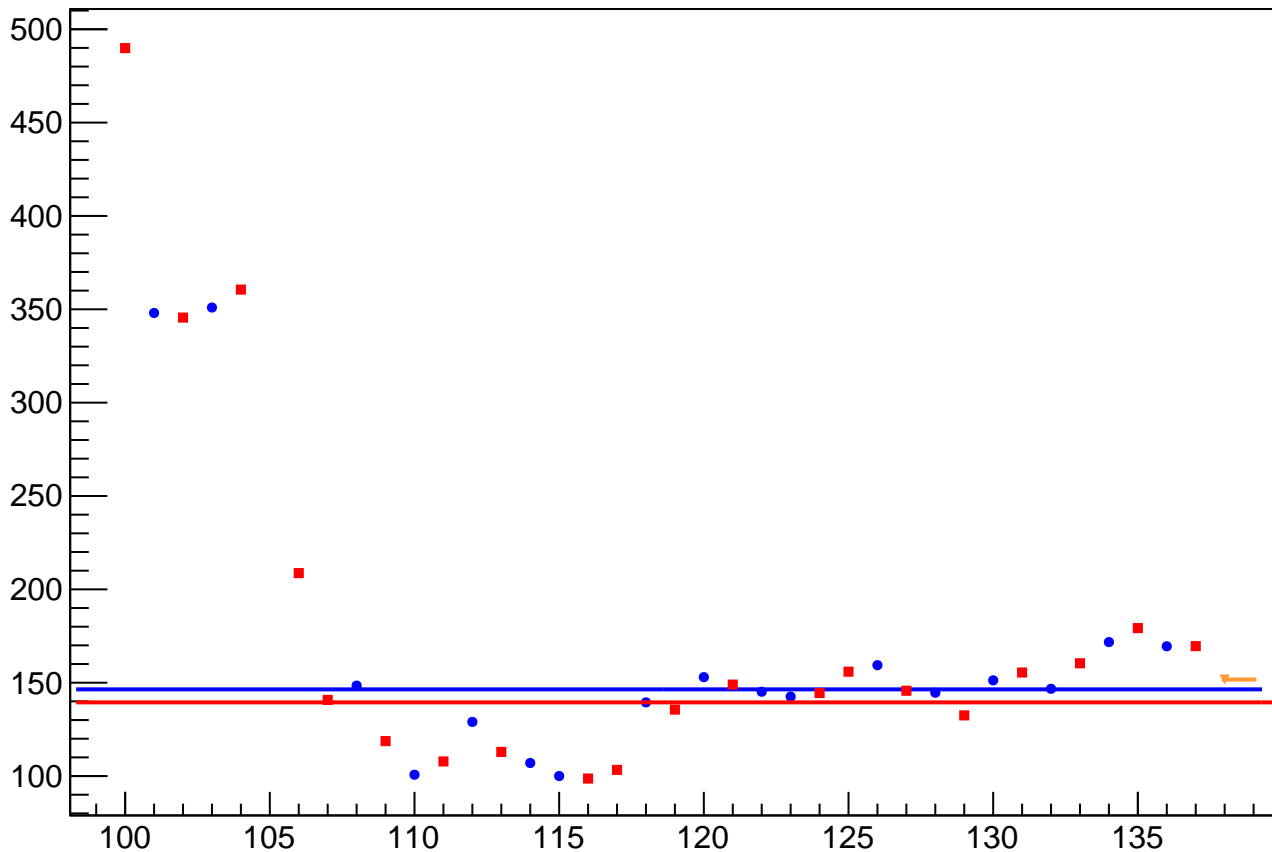
Right Out: 129219.072 \pm 0.056 χ^2 /NDF: 660468184.1/19

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

128956.613 \pm 0.057 χ^2 /NDF: 511782732.9/17

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

yield_bpm0l06WS_rms vs Slug



Right In: 146.437+/-0.043 χ^2/NDF : 1064791.0/16

Left Out: 151.700+/-0.127 χ^2/NDF : 0.0/0

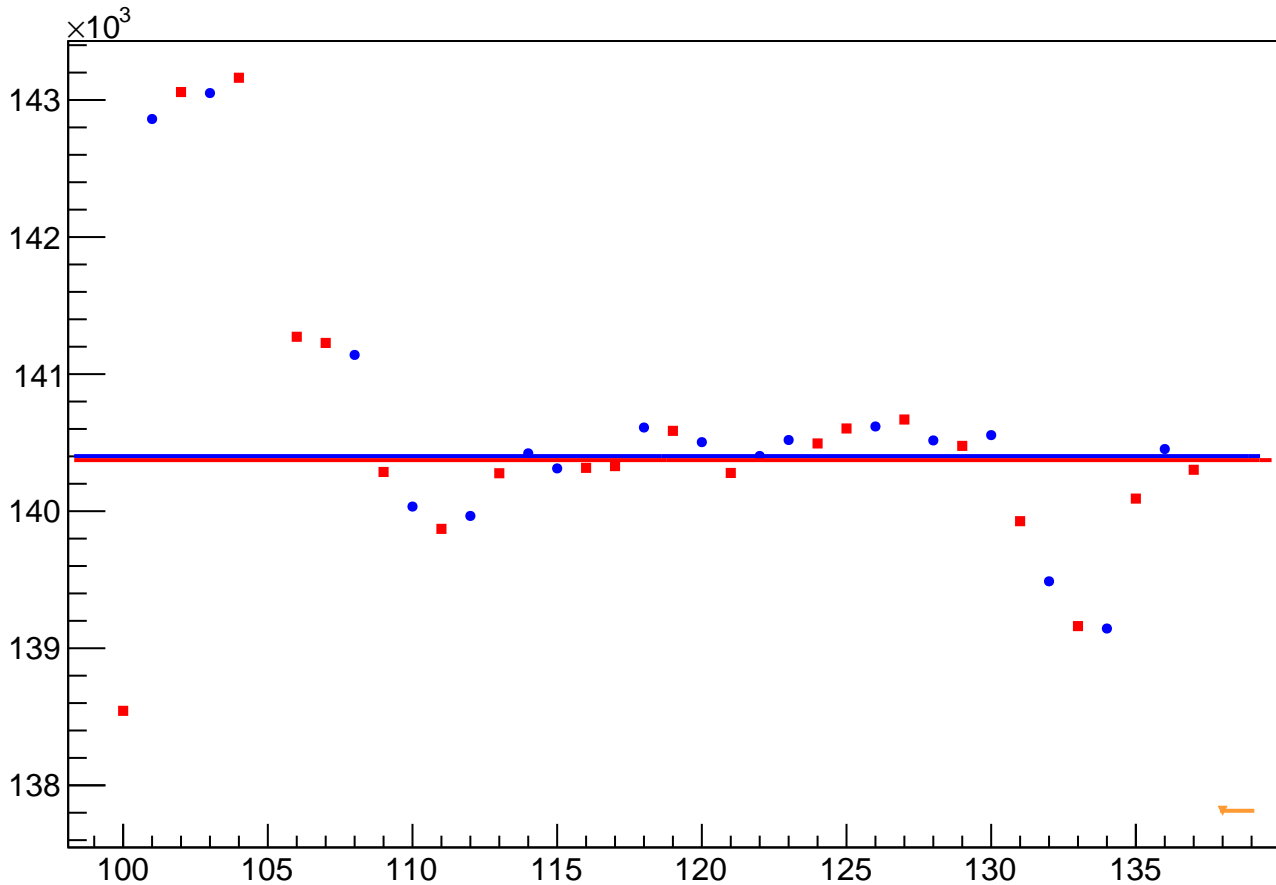
146.967+/-0.040 χ^2/NDF : 1066330.5/17

Right Out: 139.468+/-0.039 χ^2/NDF : 1214310.8/19

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

139.468+/-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: 137814.314 \pm 0.210 χ^2 /NDF: 0.0/0

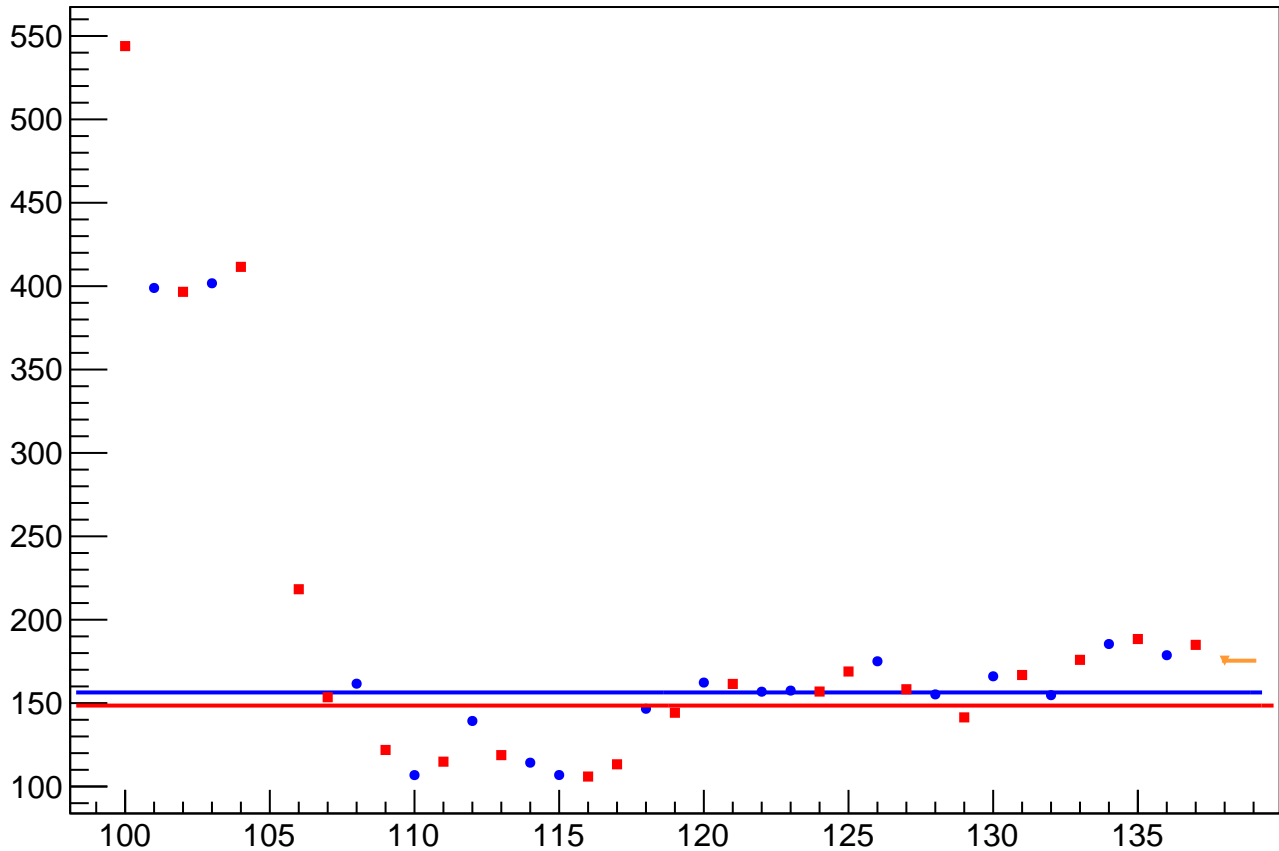
Right Out: 140372.636 \pm 0.059 χ^2 /NDF: 99861038.9/19

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

140179.113 \pm 0.062 χ^2 /NDF: 227371526.7/17

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

yield_bpm0l07WS_rms vs Slug



Right In: 156.394+/-0.046 χ^2 /NDF: 1154804.2/16

Left Out: 175.439+/-0.148 χ^2 /NDF:0.0/0

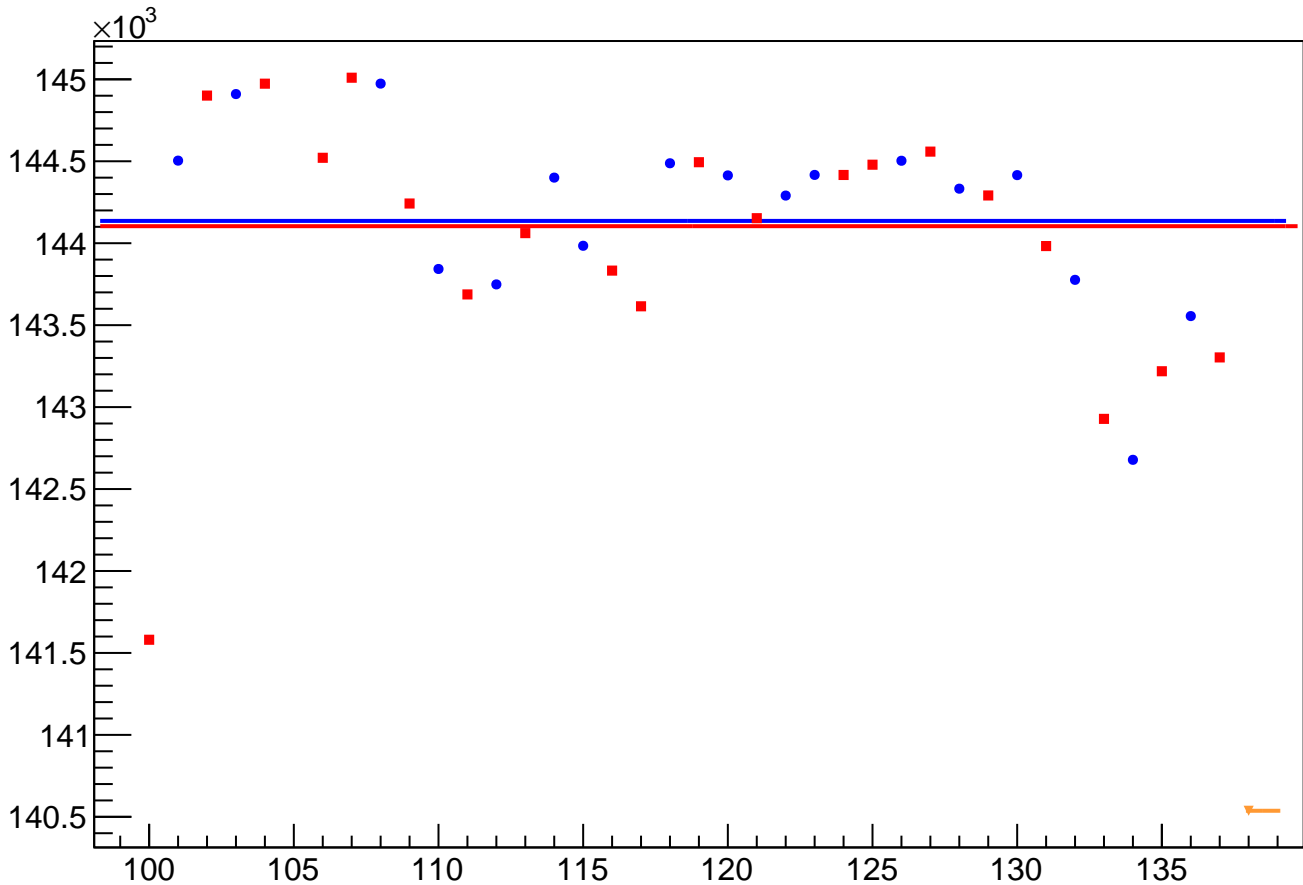
158.034+/-0.043 χ^2 /NDF: 1169895.6/17

Right Out: 148.524+/-0.042 χ^2 /NDF: 1316113.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

148.524+/-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: 140536.995 \pm 0.210 χ^2 /NDF: 0.0/0

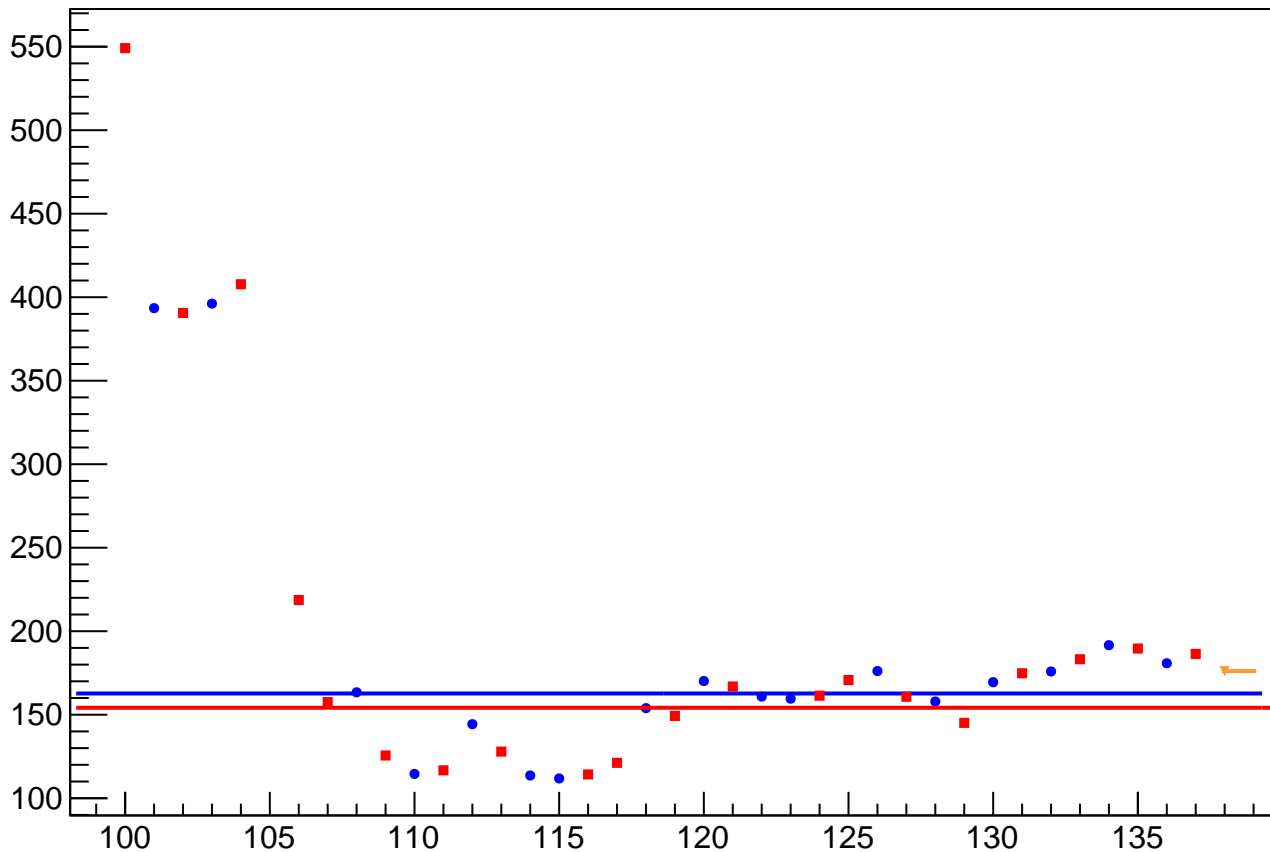
Right Out: 144103.887 \pm 0.062 χ^2 /NDF: 65973087.5/19

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

143805.918 \pm 0.064 χ^2 /NDF: 313644791.9/17

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

yield_bpm0l08WS_rms vs Slug



Right In: 162.714+/-0.047 χ^2 /NDF: 1066482.0/16

Left Out: 176.116+/-0.149 χ^2 /NDF:0.0/0

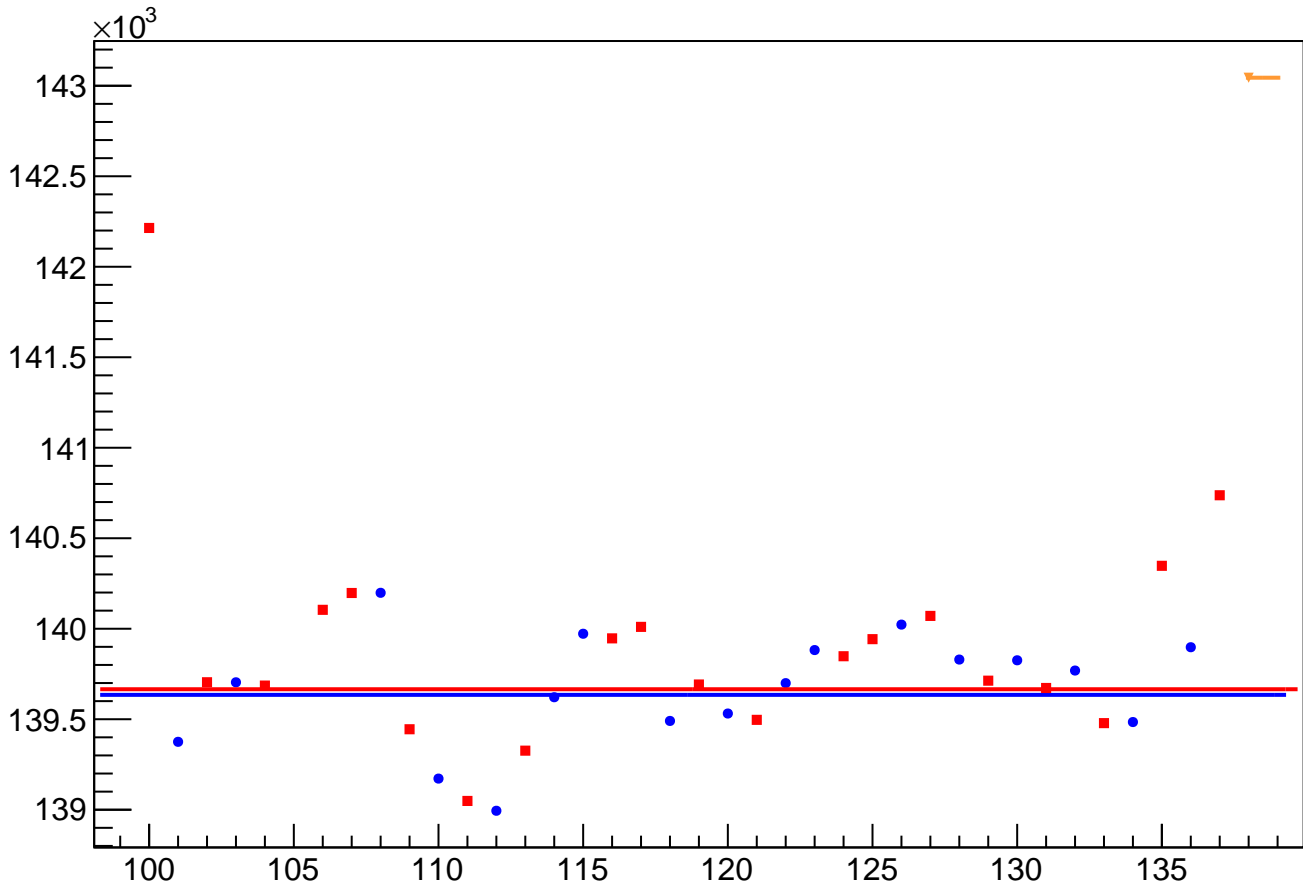
163.944+/-0.045 χ^2 /NDF: 1073874.5/17

Right Out: 154.174+/-0.044 χ^2 /NDF: 1224004.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

154.174+/-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: 143044.506 \pm 0.216 χ^2 /NDF: 0.0/0

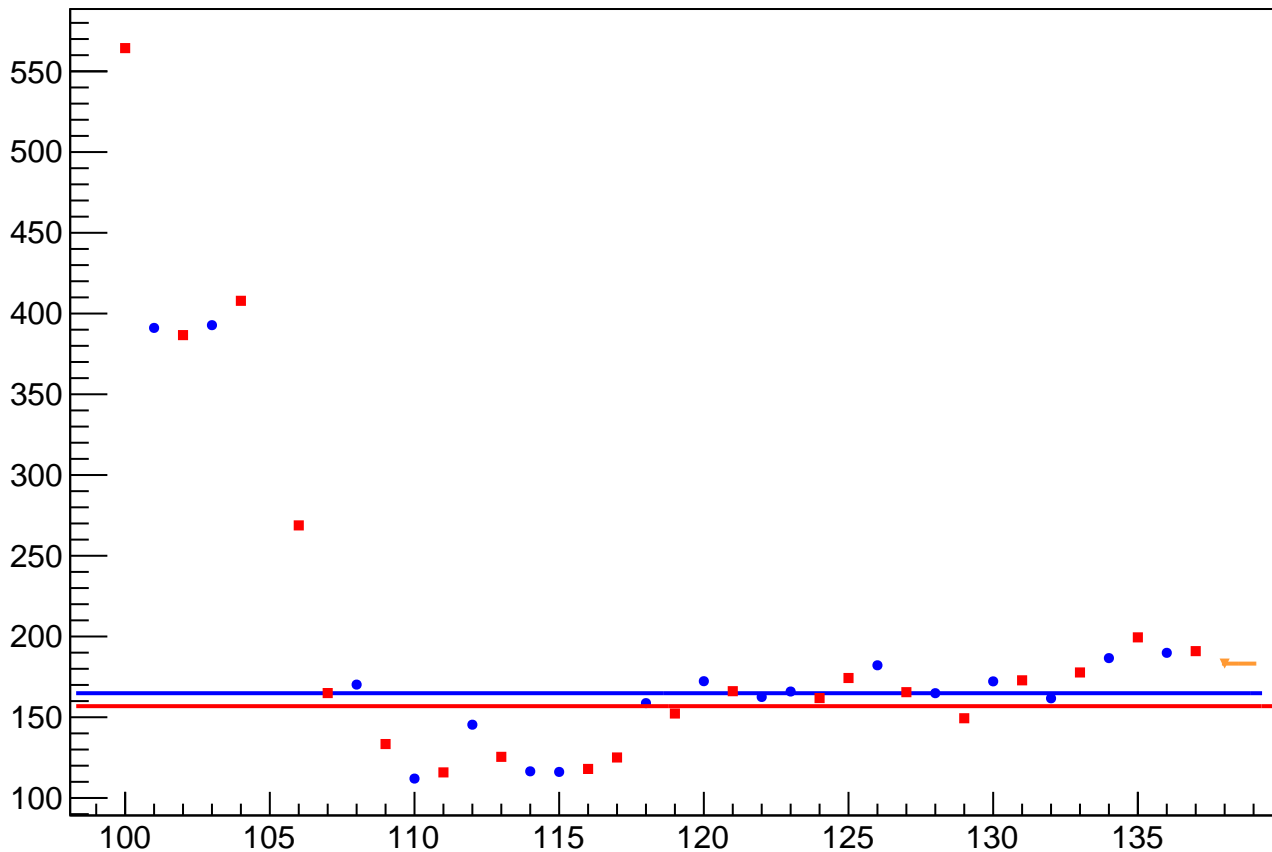
139939.077 \pm 0.065 χ^2 /NDF: 250781581.5/17

Right Out: 139665.743 \pm 0.063 χ^2 /NDF: 38703726.2/19

139665.743 \pm 0.063 χ^2 /NDF: 38703726.2/19

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

yield_bpm0l09WS_rms vs Slug



Right In: 164.884+/-0.048 χ^2/NDF : 1066270.8/16

Left Out: 183.215+/-0.153 χ^2/NDF : 0.0/0

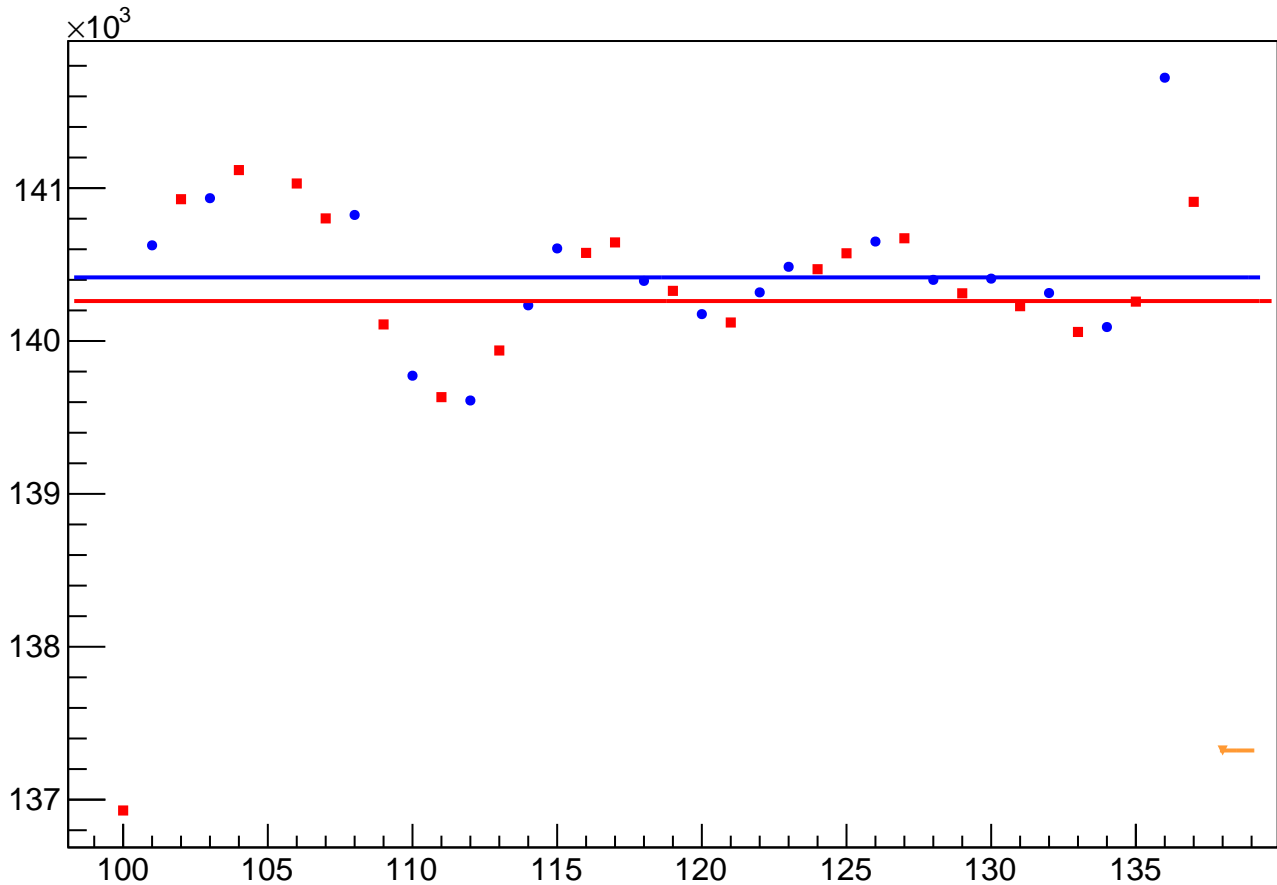
166.521+/-0.046 χ^2/NDF : 1079329.5/17

Right Out: 156.859+/-0.044 χ^2/NDF : 1250656.2/19

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

156.859+/-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: 137321.602 \pm 0.200 χ^2 /NDF: 0.0/0

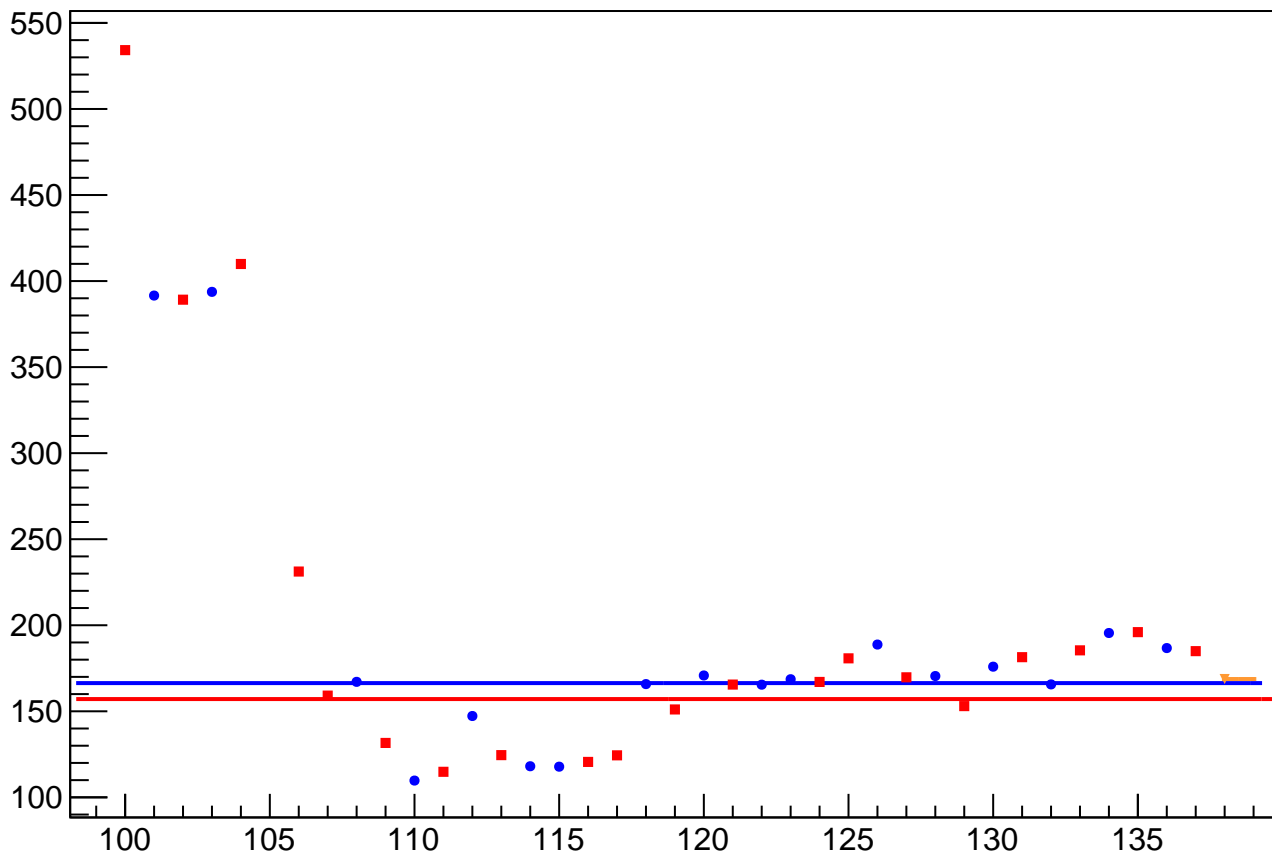
Right Out: 140261.267 \pm 0.063 χ^2 /NDF: 38479140.4/19

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

140093.209 \pm 0.065 χ^2 /NDF: 283554259.0/17

140261.267 \pm 0.063 χ^2 /NDF: 38479140.4/19

yield_bpm0l10WS_rms vs Slug



Right In: 166.388+/-0.048 χ^2/NDF : 1080964.8/16

Left Out: 168.755+/-0.142 χ^2/NDF : 0.0/0

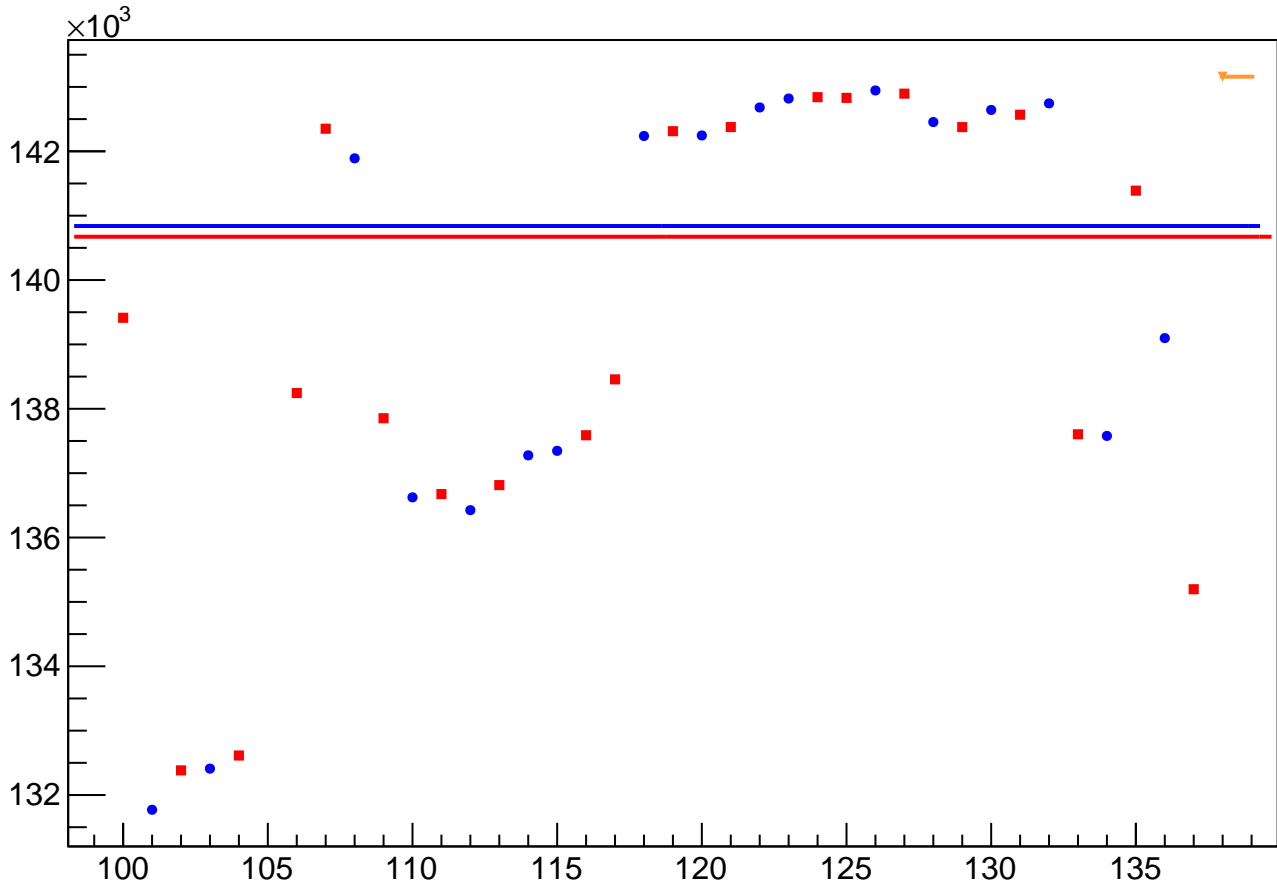
166.635+/-0.046 χ^2/NDF : 1081214.9/17

Right Out: 157.110+/-0.044 χ^2/NDF : 1235934.7/19

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

157.110+/-0.044 χ^2/NDF : 1235934.7/19

yield_bpm0r03WS_mean vs Slug



Right In: 140839.133+/-0.100 χ^2 /NDF: 822682996.3/16

Left Out: 143159.045+/-0.242 χ^2 /NDF: 0.0/0

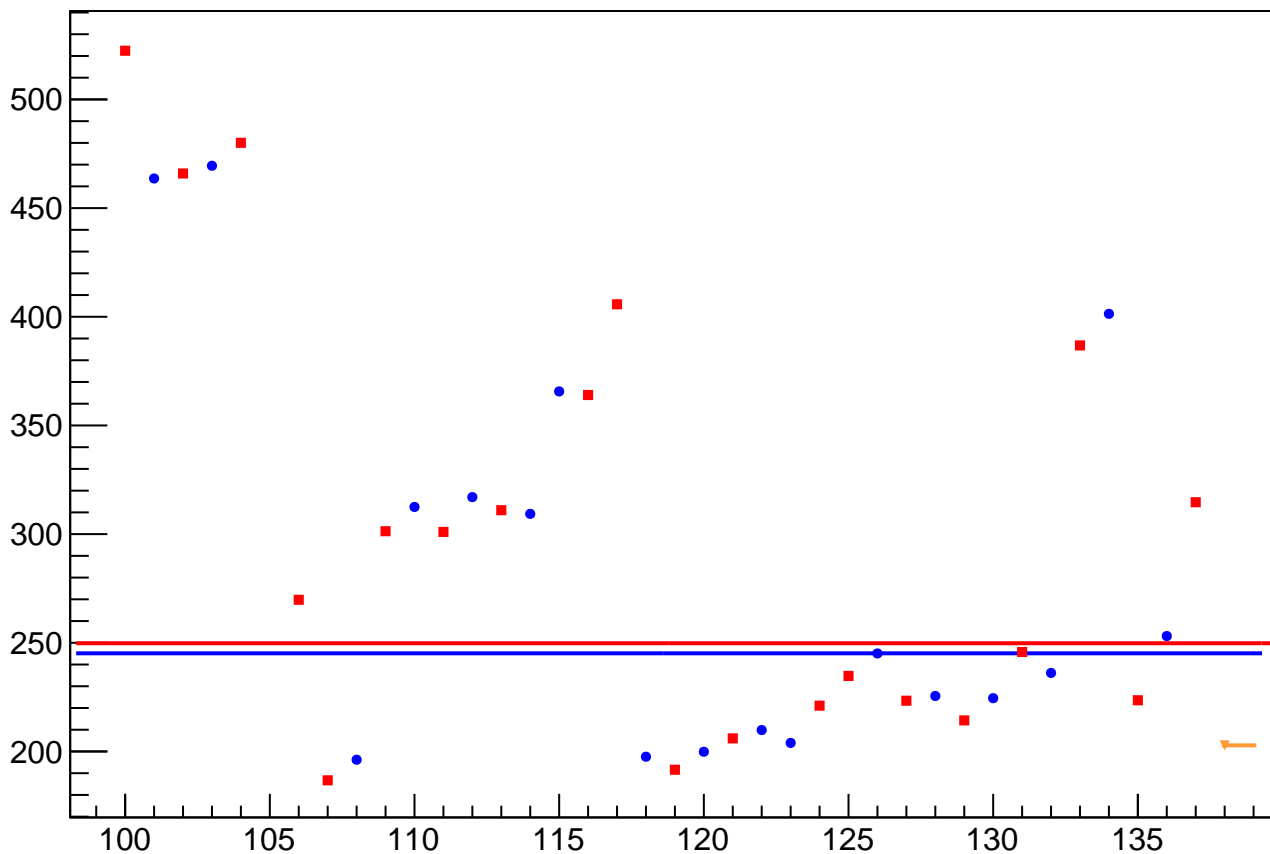
Right Out: 140672.898+/-0.099 χ^2 /NDF: 841965357.5/19

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

141176.765+/-0.092 χ^2 /NDF: 900992140.7/17

140672.898+/-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: 202.811+/-0.171 χ^2/NDF : 0.0/0

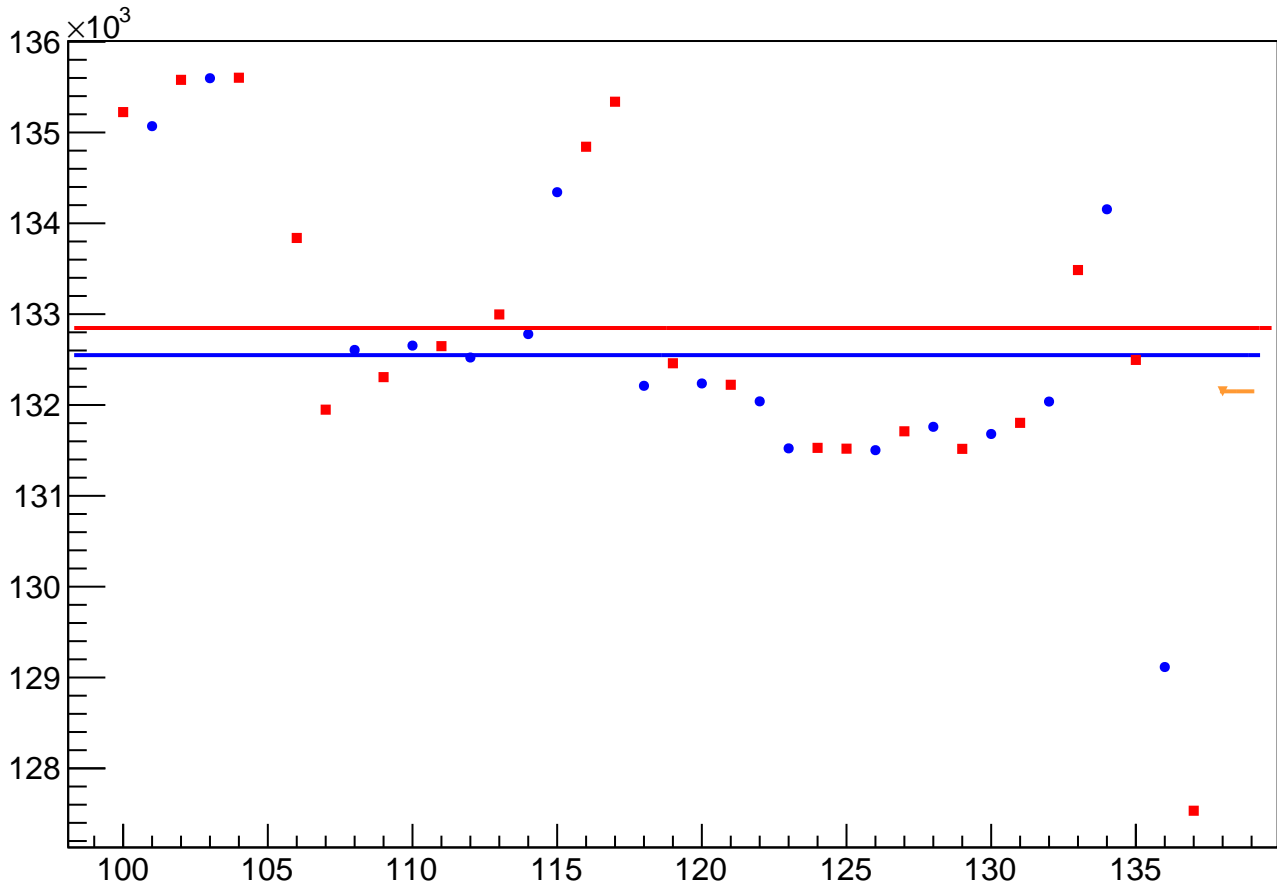
Right Out: 249.792+/-0.070 χ^2/NDF : 1022316.0/19

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

238.996+/-0.065 χ^2/NDF : 921677.9/17

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: 132150.252 \pm 0.215 χ^2 /NDF: 0.0/0

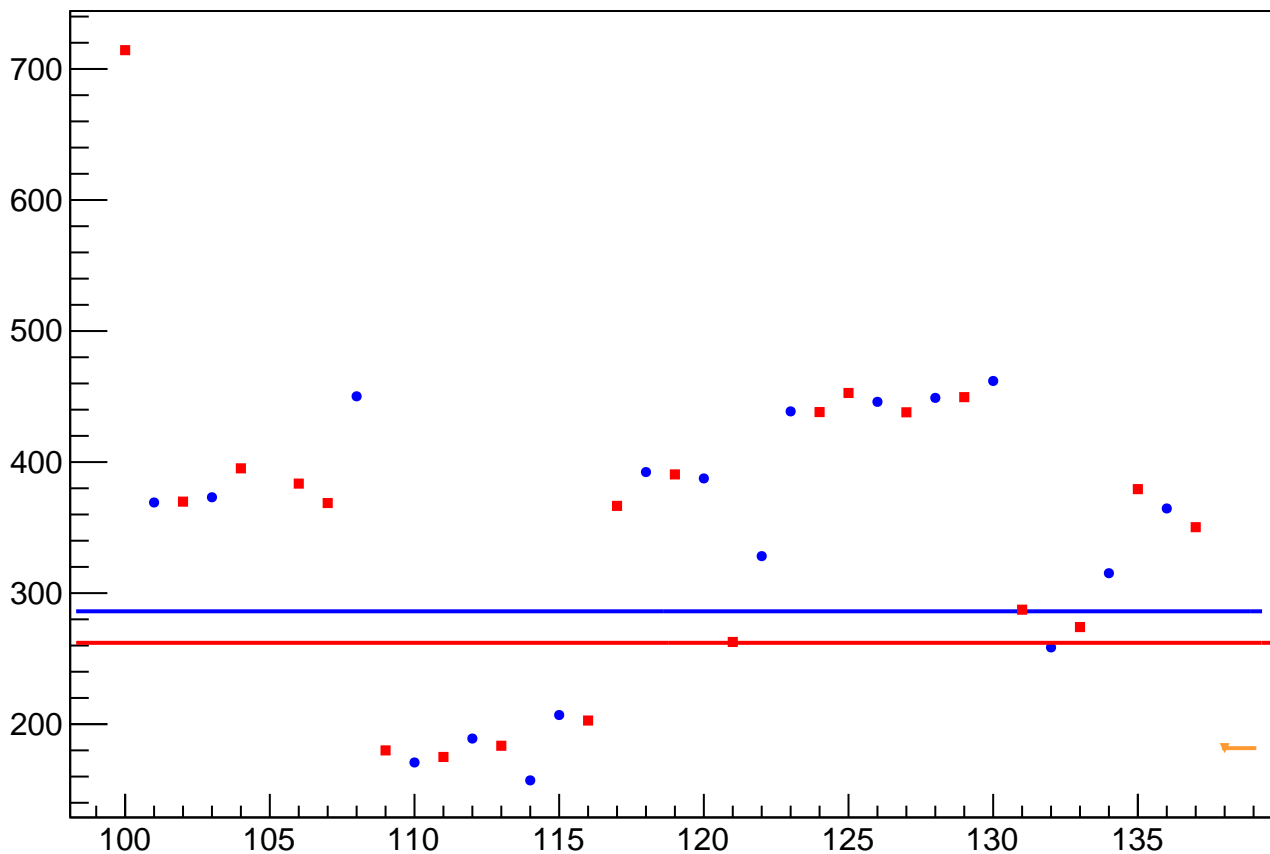
Right Out: 132847.502 \pm 0.107 χ^2 /NDF: 151618589.4/19

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

132454.797 \pm 0.104 χ^2 /NDF: 163747294.9/17

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: 181.688+/-0.152 χ^2 /NDF:0.0/0

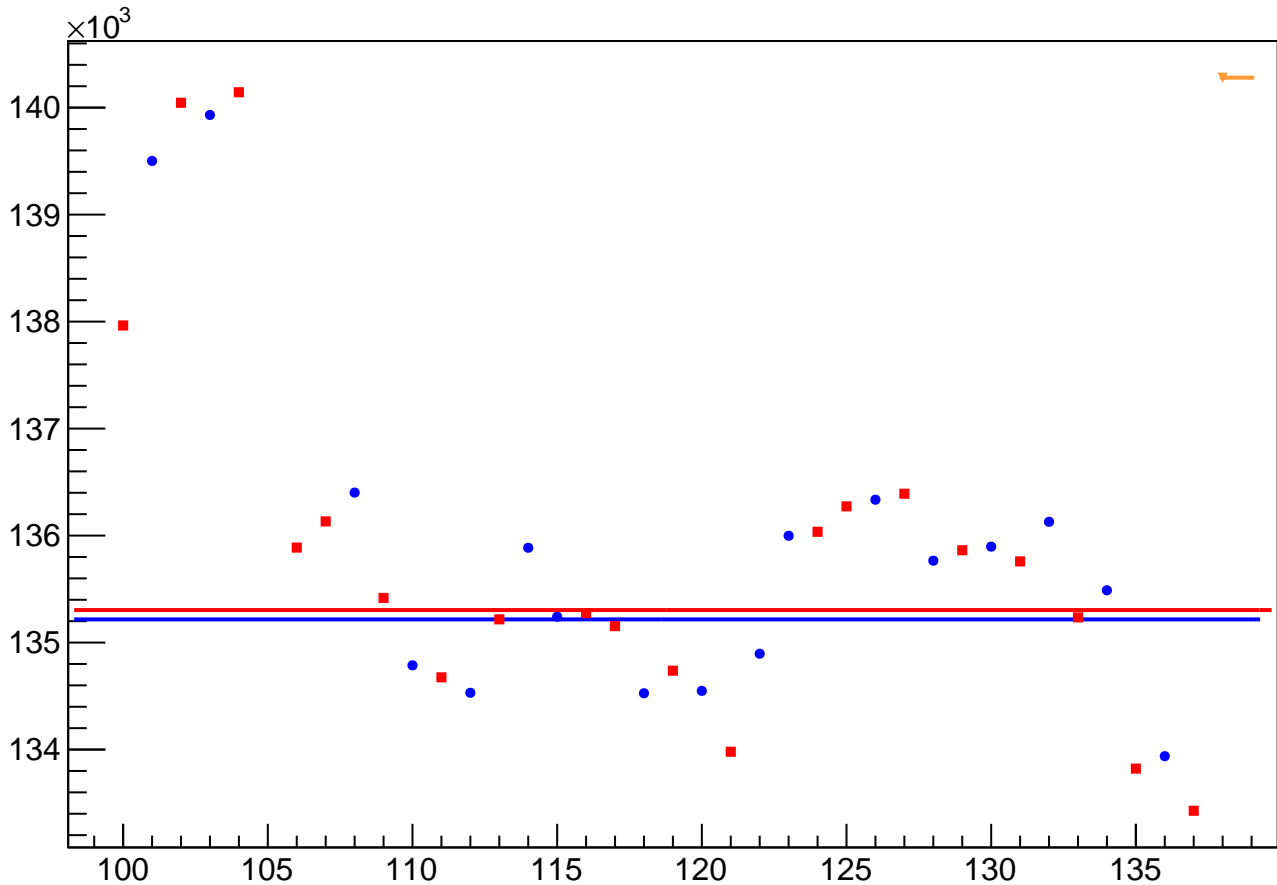
261.473+/-0.074 χ^2 /NDF: 1886577.6/17

Right Out: 262.073+/-0.076 χ^2 /NDF: 1630239.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 140279.814 \pm 0.204 χ^2 /NDF: 0.0/0

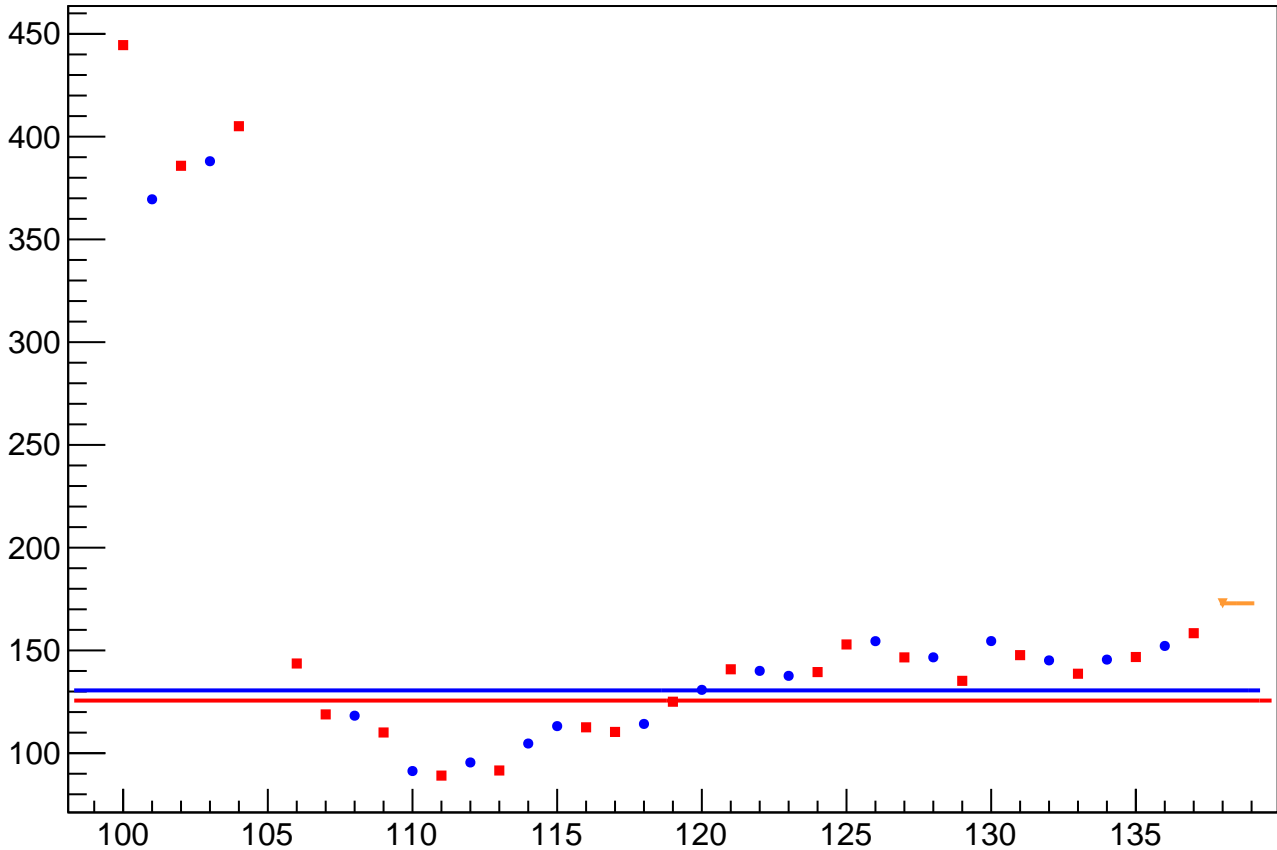
Right Out: 135303.736 \pm 0.051 χ^2 /NDF: 357717935.5/19

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

135550.726 \pm 0.053 χ^2 /NDF: 943955676.2/17

135303.736 \pm 0.051 χ^2 /NDF: 357717935.5/19

yield_bpm0i02WS_rms vs Slug



Right In: 130.552 \pm 0.038 χ^2 /NDF: 1373104.9/16

Left Out: 172.920 \pm 0.145 χ^2 /NDF:0.0/0

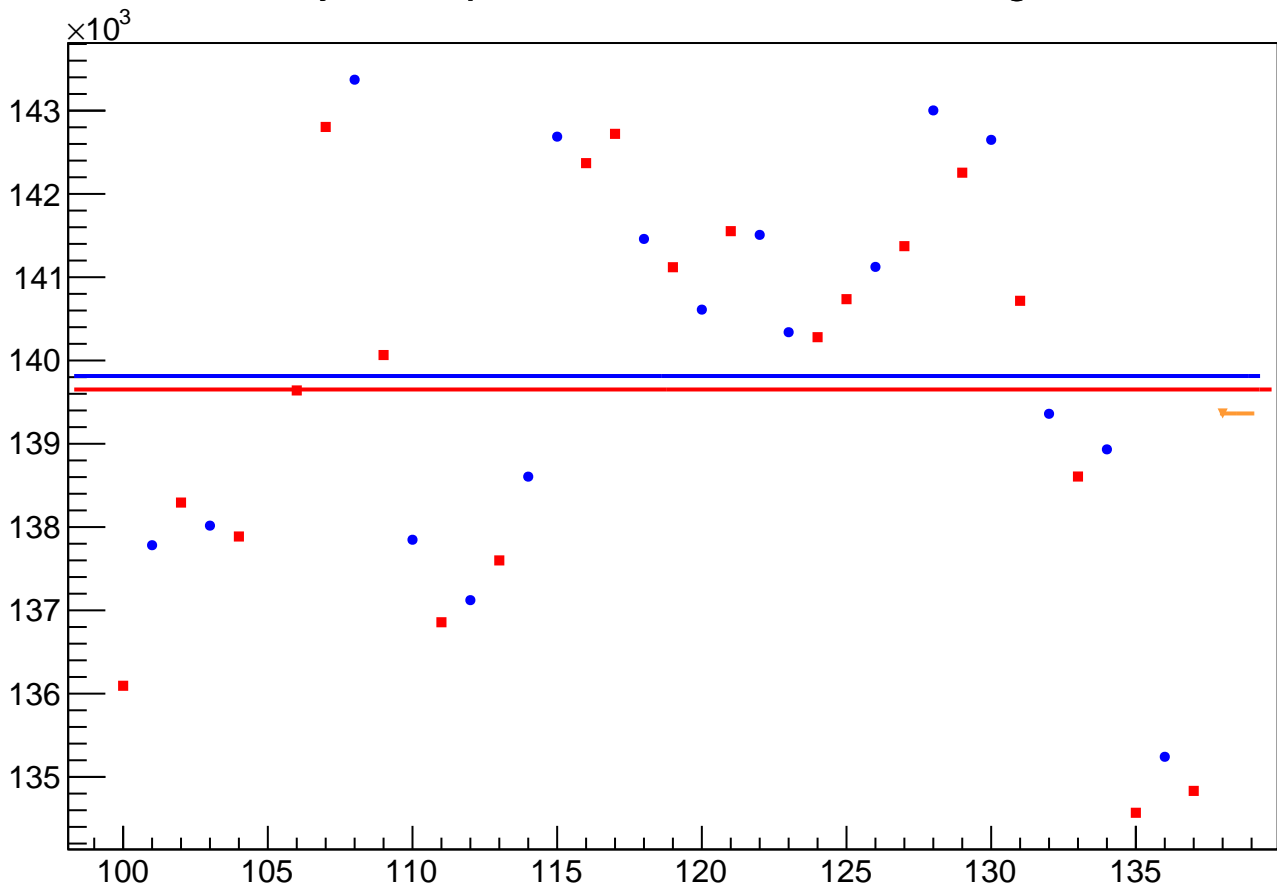
Right Out: 125.603 \pm 0.036 χ^2 /NDF: 1441677.4/19

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

133.348 \pm 0.037 χ^2 /NDF: 1453295.3/17

125.603 \pm 0.036 χ^2 /NDF: 1441677.4/19

yield_bpm0i02aWS_mean vs Slug



Right In: 139813.664+/-0.062 χ^2 /NDF: 1689865533.6/16

Left Out: 139363.948+/-0.199 χ^2 /NDF:0.0/0

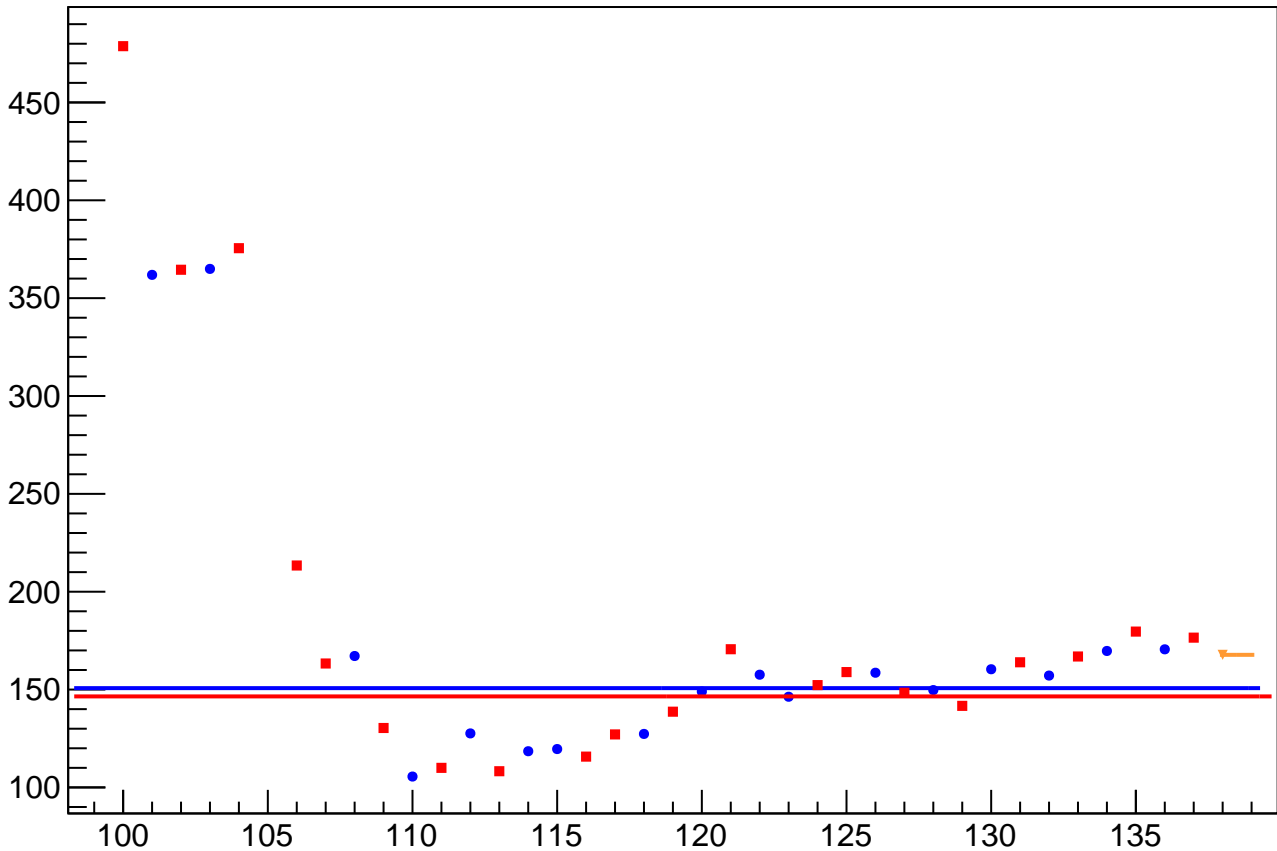
139774.107+/-0.059 χ^2 /NDF: 1694504922.0/17

Right Out: 139651.821+/-0.059 χ^2 /NDF: 1531019137.4/19

139651.821+/-0.059 χ^2 /NDF: 1531019137.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

Left Out: 167.747+/-0.141 χ^2/NDF : 0.0/0

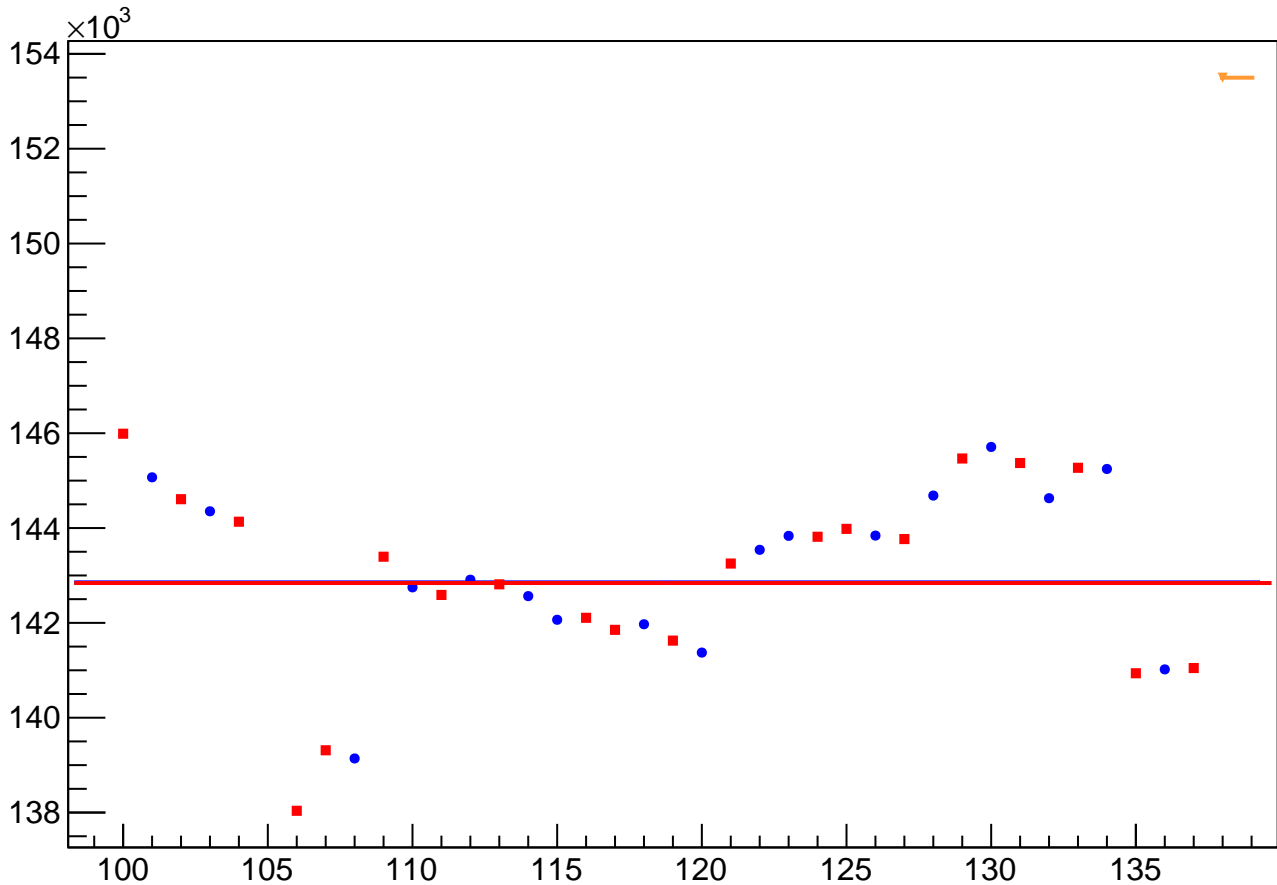
Right Out: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

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

152.230+/-0.042 χ^2/NDF : 1063352.5/17

146.506+/-0.042 χ^2/NDF : 1205131.2/19

yield_bpm0i05WS_mean vs Slug



Right In: 142854.268+/-0.065 χ^2 /NDF: 740367386.5/16

Left Out: 153498.037+/-0.212 χ^2 /NDF:0.0/0

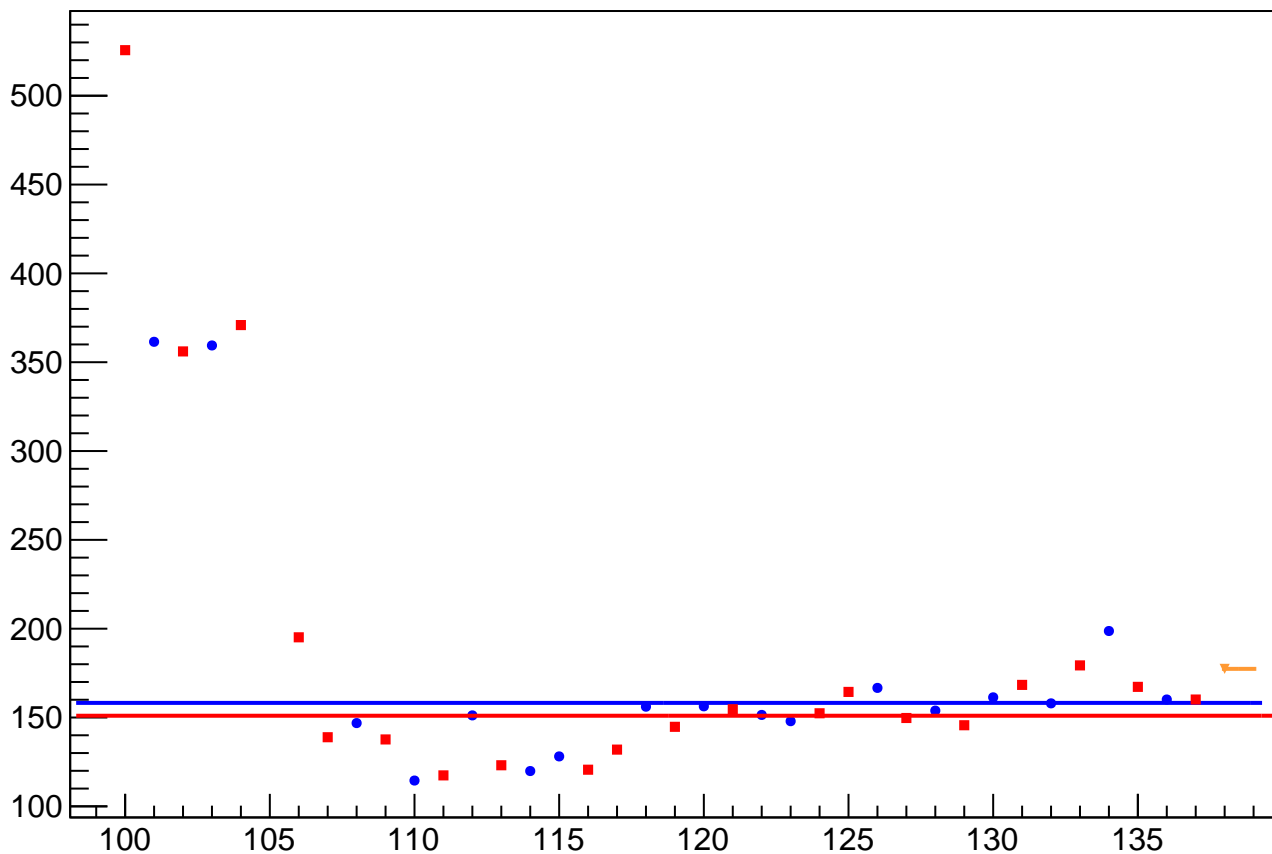
Right Out: 142840.509+/-0.060 χ^2 /NDF: 852484333.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

143762.697+/-0.062 χ^2 /NDF: 3052865759.5/17

142840.509+/-0.060 χ^2 /NDF: 852484333.4/19

yield_bpm0i05WS_rms vs Slug



Right In: 158.233+/-0.046 χ^2/NDF : 883513.4/16

Left Out: 177.390+/-0.150 χ^2/NDF : 0.0/0

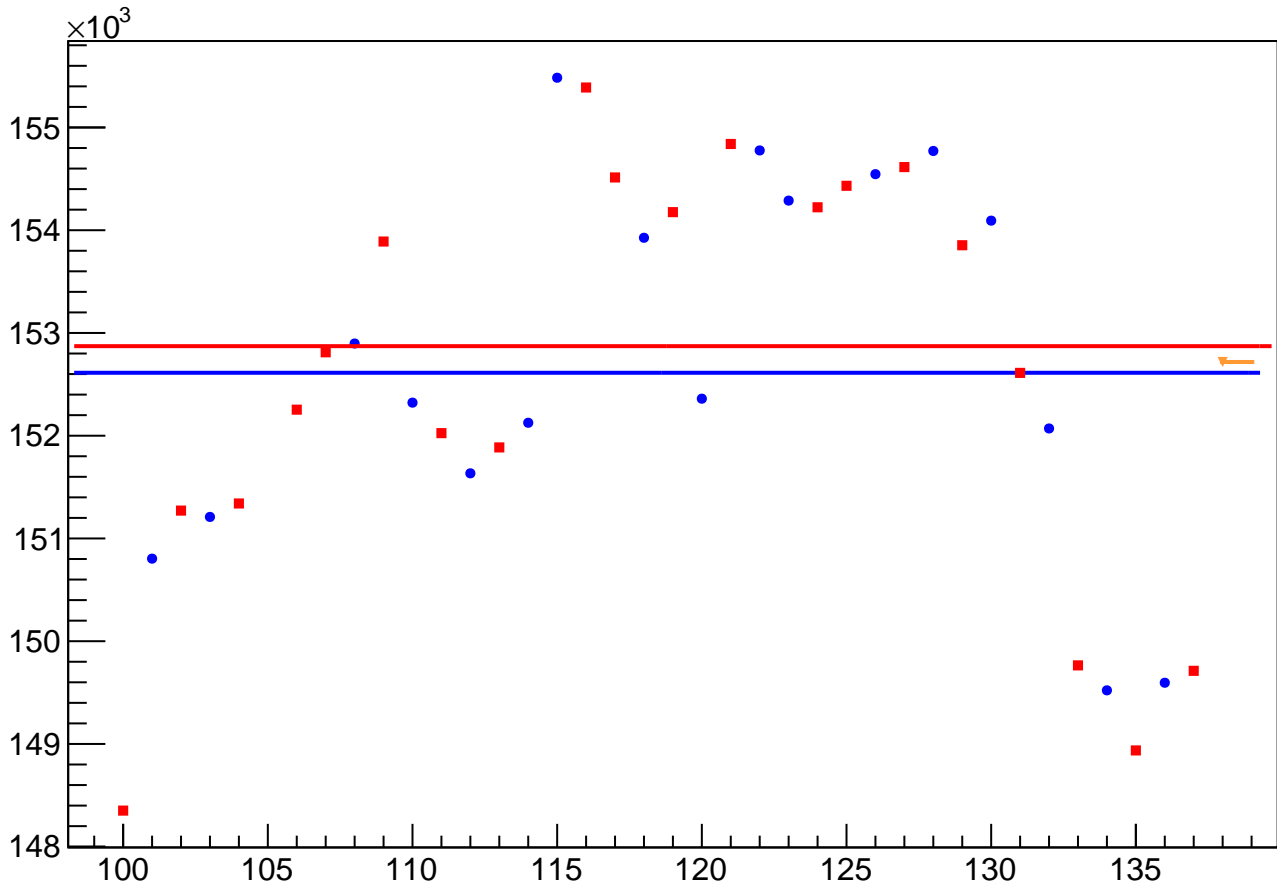
159.868+/-0.044 χ^2/NDF : 898495.6/17

Right Out: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

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

151.003+/-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: 152717.567 \pm 0.200 χ^2 /NDF: 0.0/0

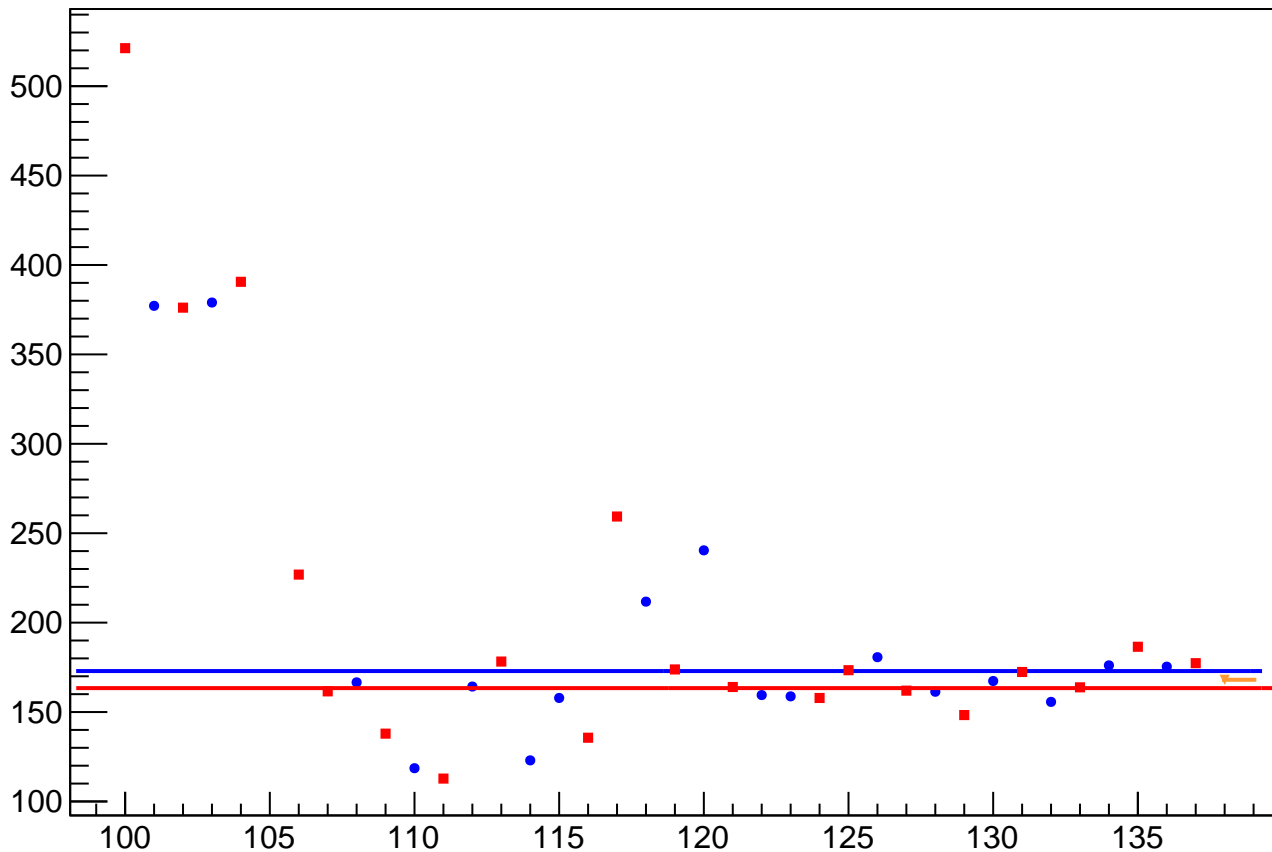
Right Out: 152871.618 \pm 0.066 χ^2 /NDF: 720639345.6/19

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

152624.730 \pm 0.068 χ^2 /NDF: 621661008.2/17

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: 168.046+/-0.141 χ^2/NDF : 0.0/0

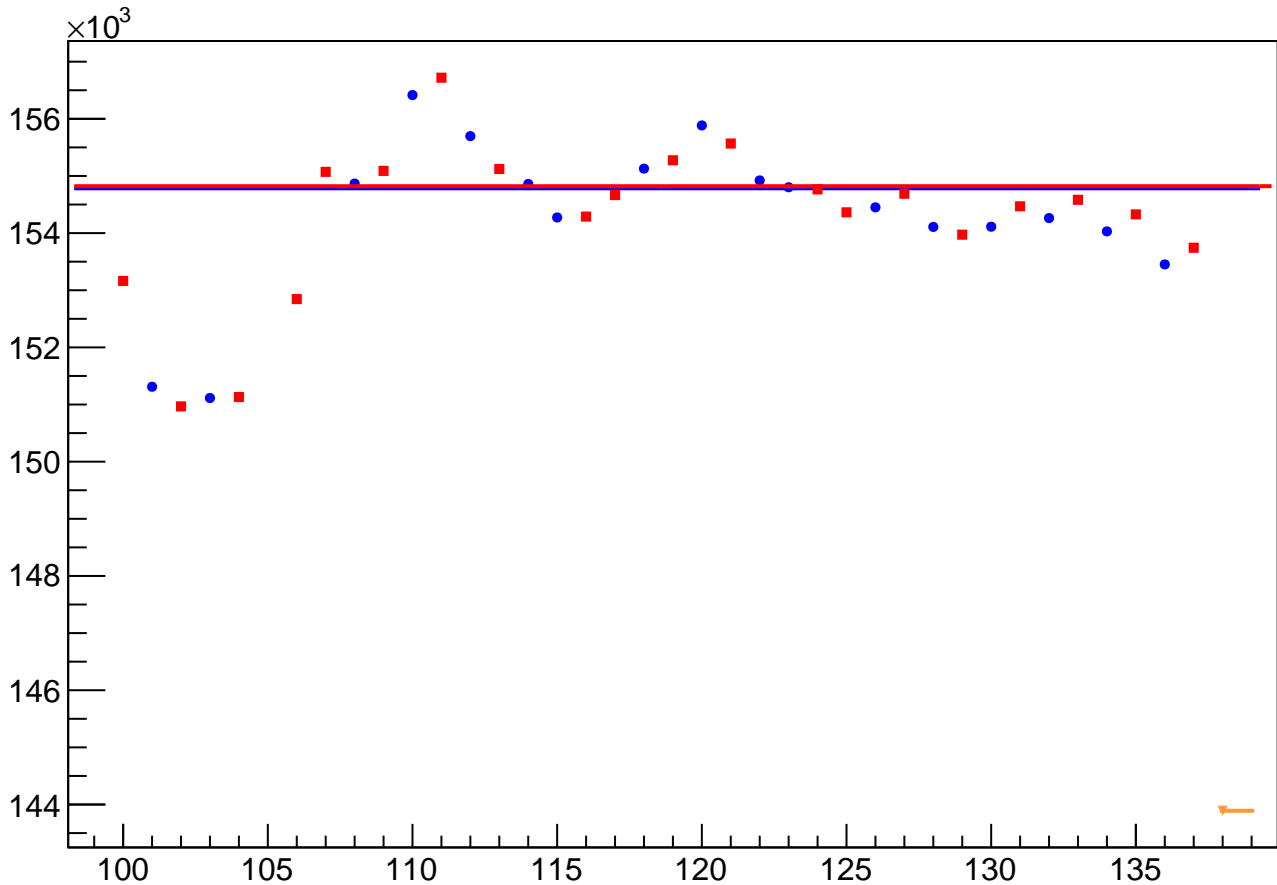
172.357+/-0.048 χ^2/NDF : 943009.9/17

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: 143890.306 \pm 0.209 χ^2 /NDF: 0.0/0

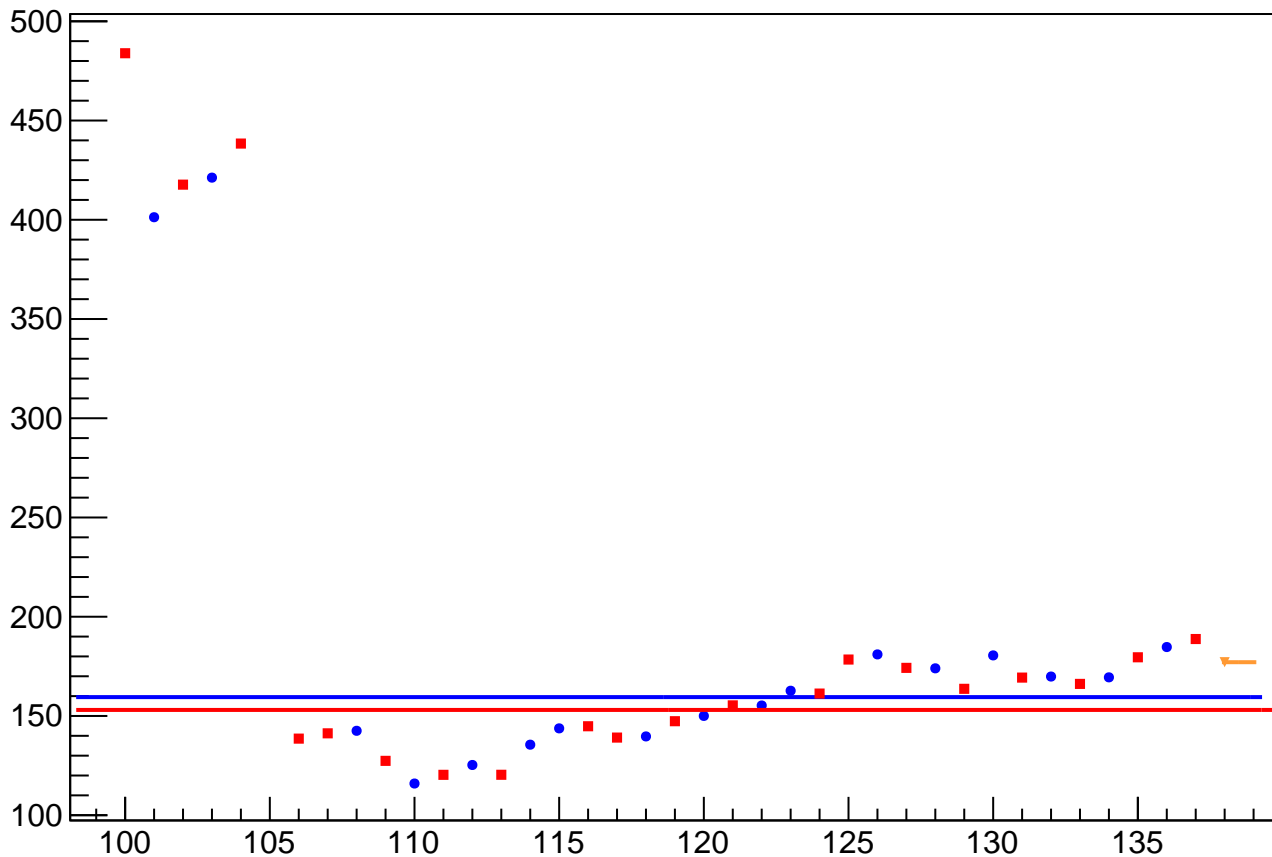
Right Out: 154820.824 \pm 0.061 χ^2 /NDF: 293904936.4/19

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

153812.613 \pm 0.062 χ^2 /NDF: 2741921805.1/17

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: 177.092 \pm 0.148 χ^2 /NDF:0.0/0

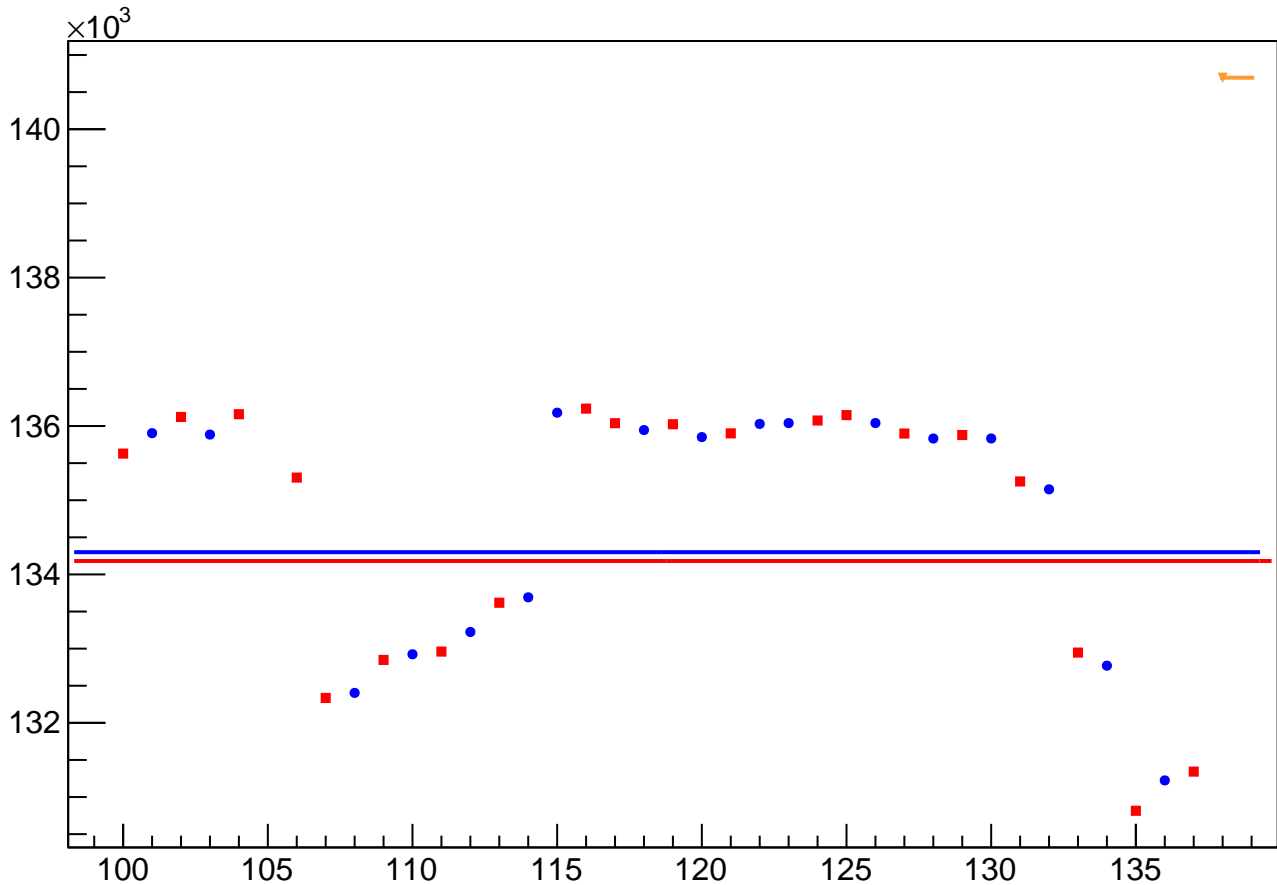
161.072 \pm 0.044 χ^2 /NDF: 1144755.4/17

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: 140694.342 \pm 0.203 χ^2 /NDF: 0.0/0

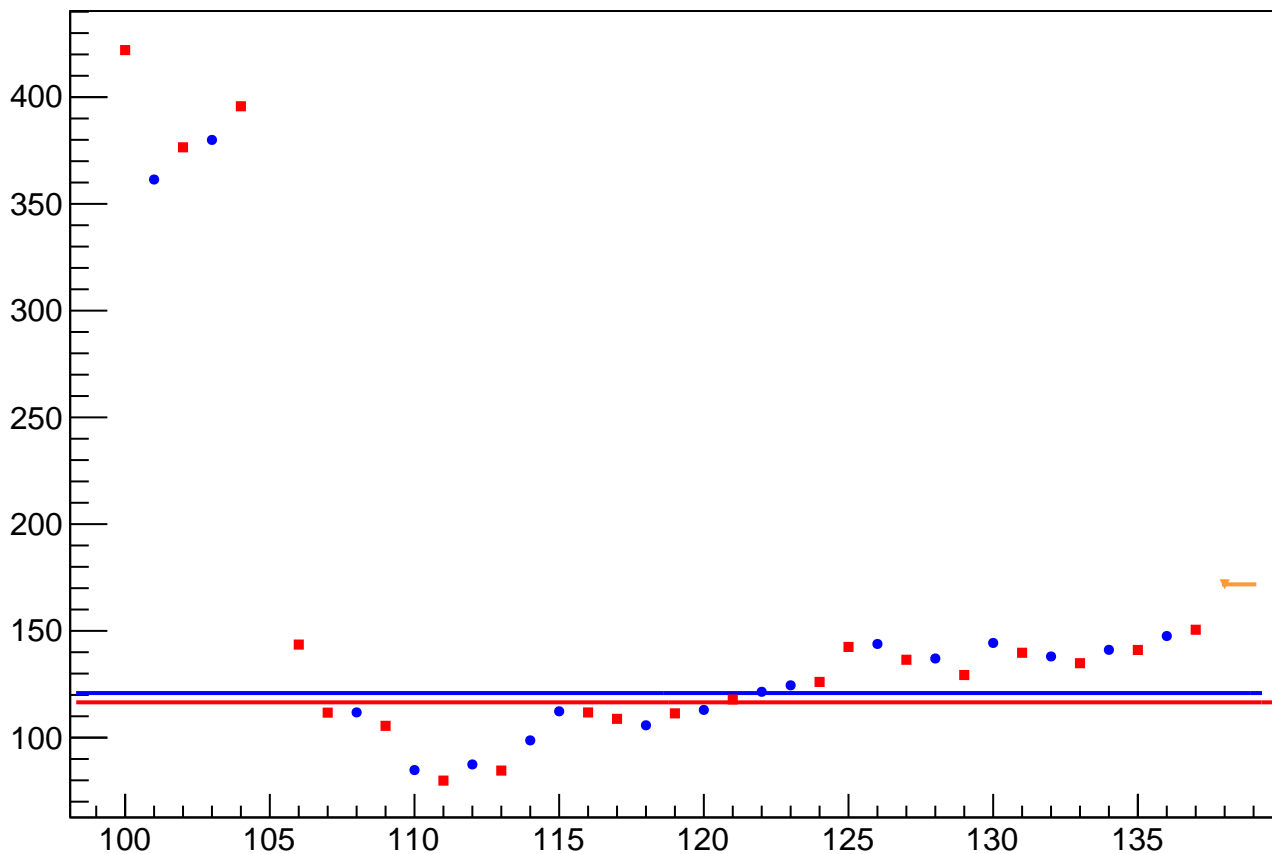
Right Out: 134180.888 \pm 0.047 χ^2 /NDF: 1224202240.2/19

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

134671.460 \pm 0.049 χ^2 /NDF: 2086740127.1/17

134180.888 \pm 0.047 χ^2 /NDF: 1224202240.2/19

yield_bpm1i04WS_rms vs Slug



Right In: 120.872+/-0.036 χ^2/NDF : 1463728.4/16

Left Out: 171.790+/-0.143 χ^2/NDF : 0.0/0

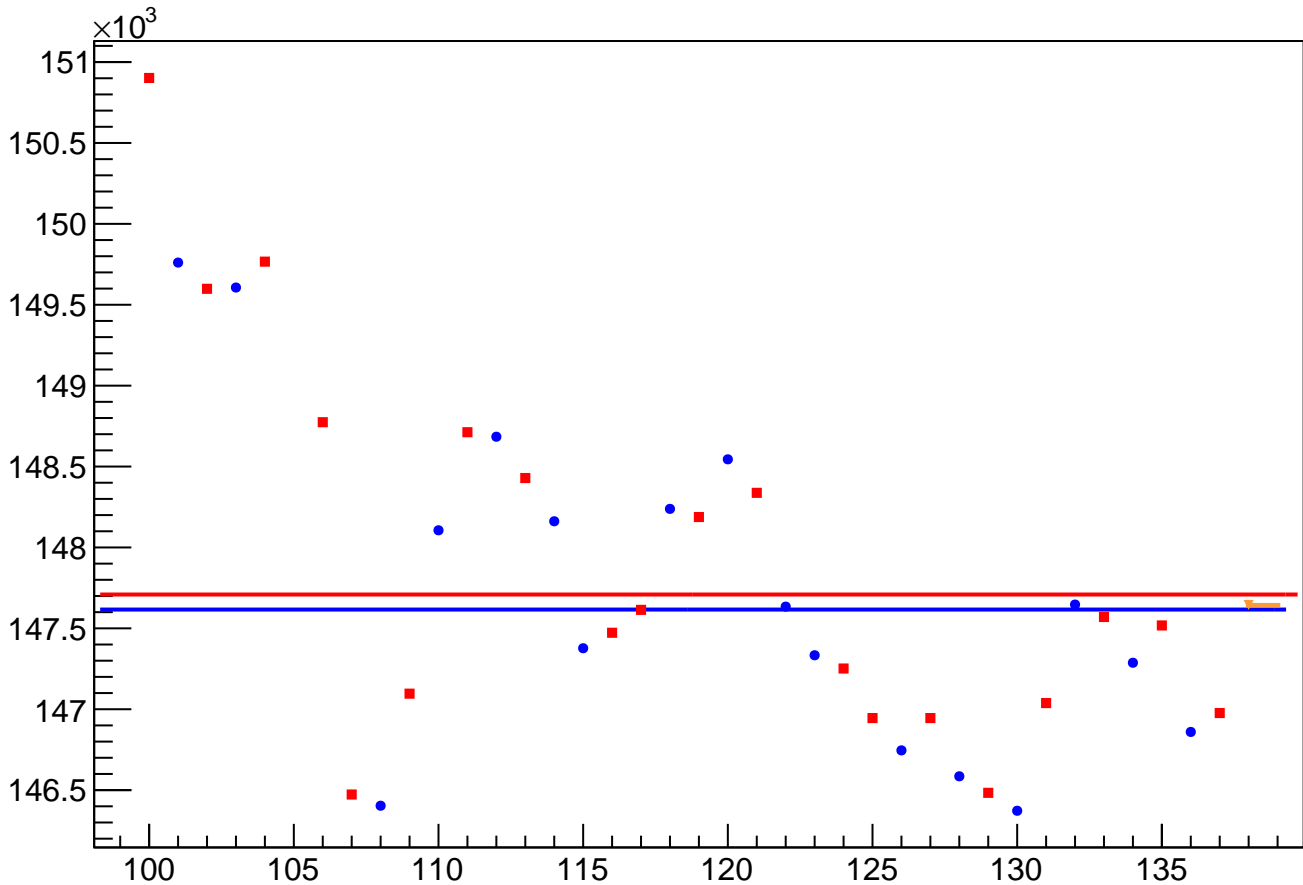
123.830+/-0.035 χ^2/NDF : 1582573.8/17

Right Out: 116.531+/-0.033 χ^2/NDF : 1541779.4/19

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

116.531+/-0.033 χ^2/NDF : 1541779.4/19

yield_bpm1i06WS_mean vs Slug



Right In: 147616.150+/-0.062 χ^2 /NDF: 199263428.7/16

Left Out: 147644.658+/-0.235 χ^2 /NDF:0.0/0

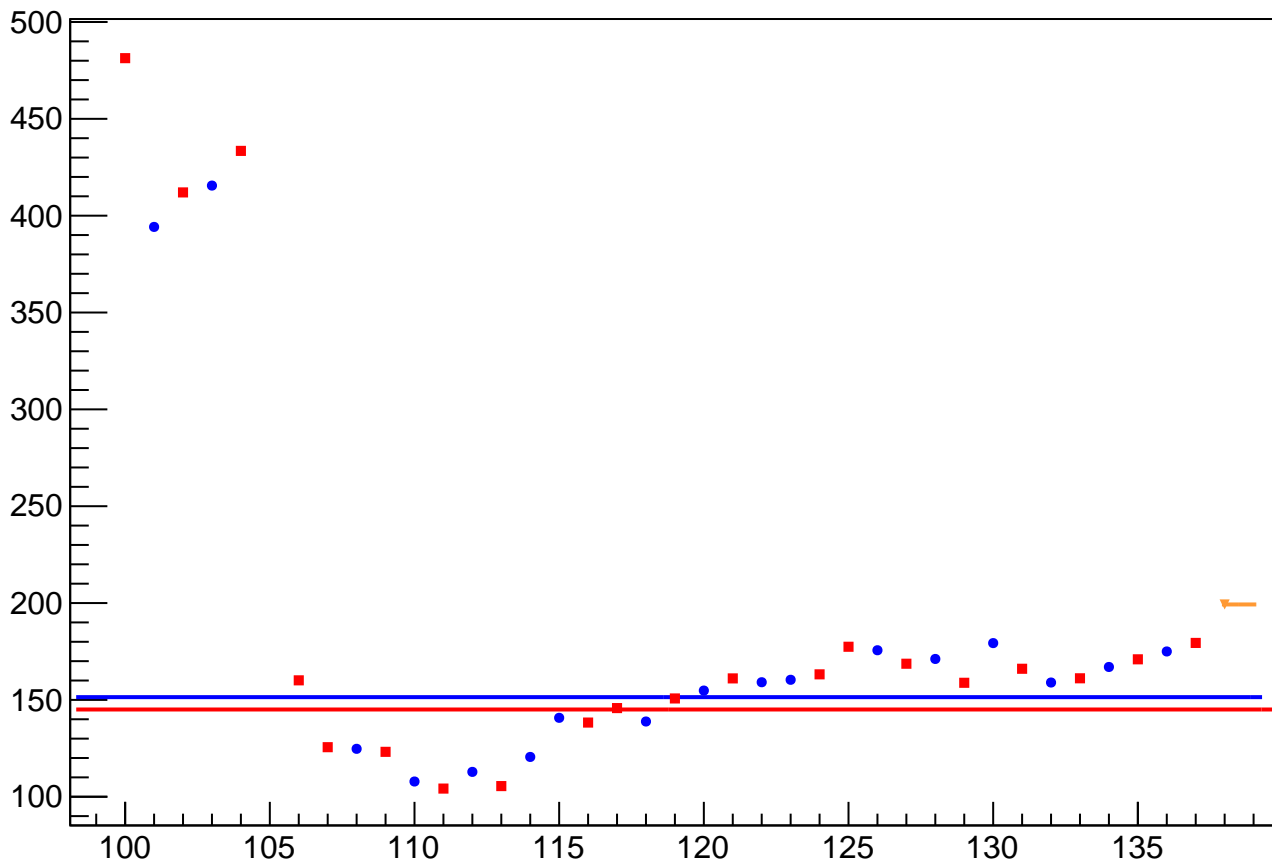
147618.026+/-0.060 χ^2 /NDF: 199277127.6/17

Right Out: 147709.096+/-0.058 χ^2 /NDF: 203924272.1/19

147709.096+/-0.058 χ^2 /NDF: 203924272.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 151.424+/-0.044 χ^2 /NDF: 1257843.0/16

Left Out: 199.275+/-0.166 χ^2 /NDF:0.0/0

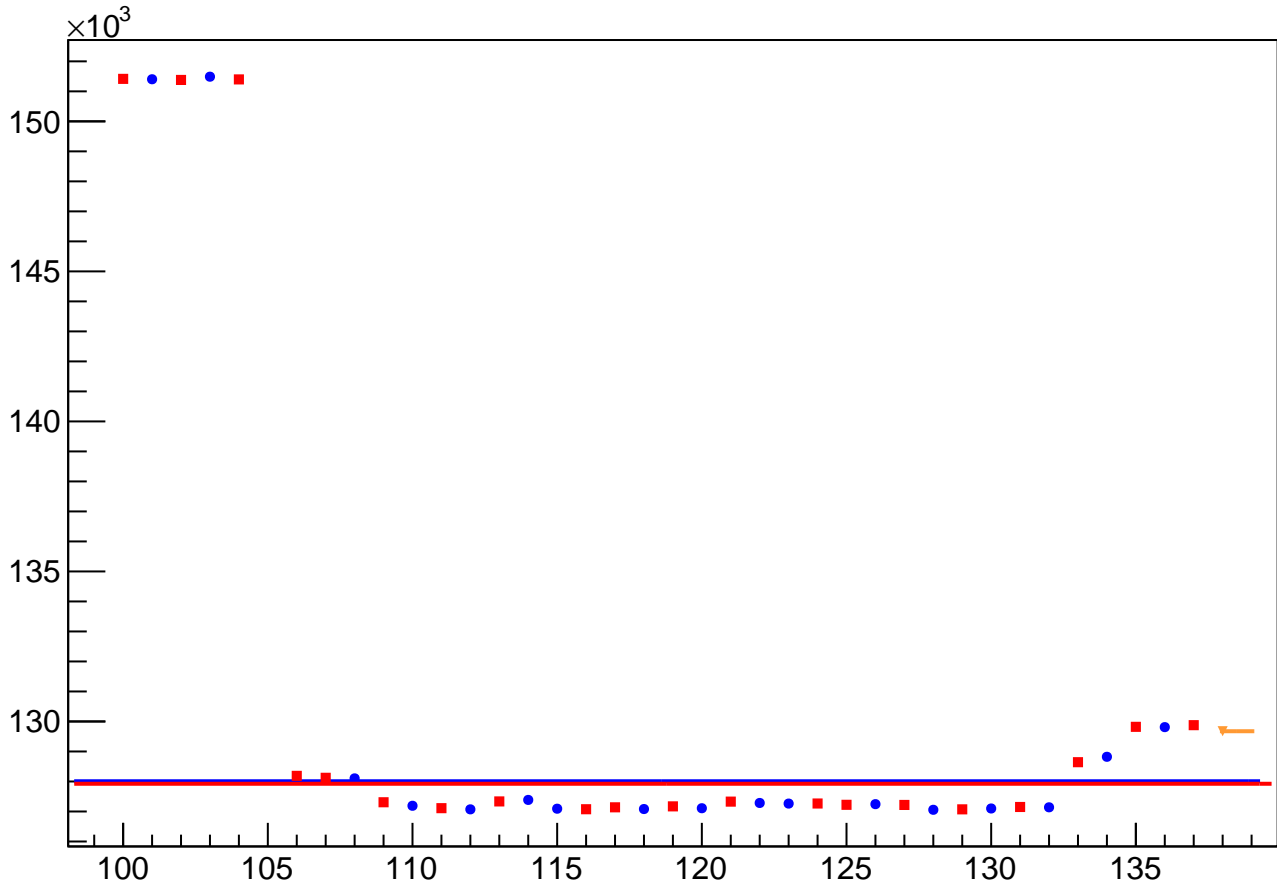
154.573+/-0.043 χ^2 /NDF: 1335033.1/17

Right Out: 145.044+/-0.041 χ^2 /NDF: 1375974.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

145.044+/-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: 129674.703 \pm 0.209 χ^2 /NDF: 0.0/0

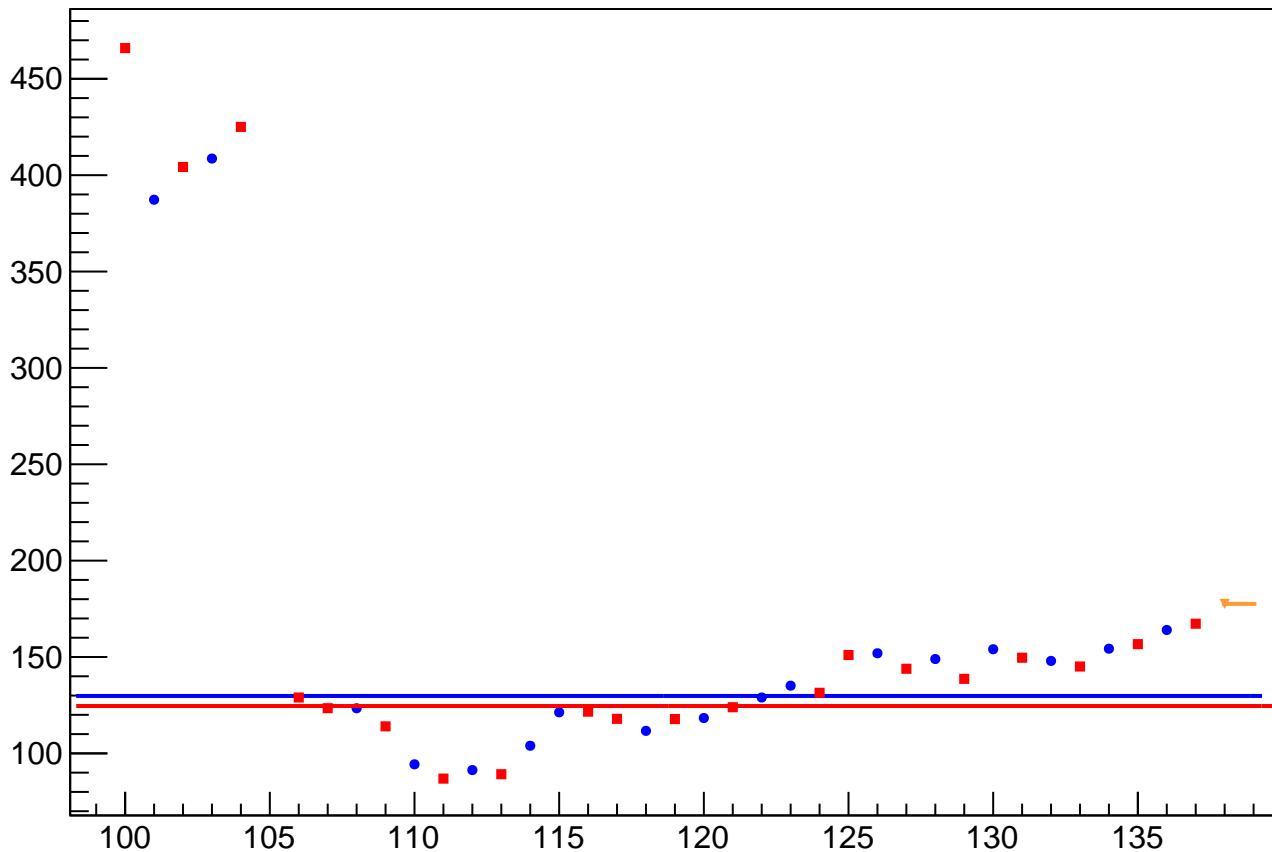
128111.757 \pm 0.052 χ^2 /NDF: 4379204081.4/17

Right Out: 127923.940 \pm 0.050 χ^2 /NDF: 3770107280.1/19

127923.940 \pm 0.050 χ^2 /NDF: 3770107280.1/19

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

yield_bpm2i01WS_rms vs Slug



Right In: 129.796 \pm 0.038 χ^2 /NDF: 1485294.2/16

Left Out: 177.564 \pm 0.148 χ^2 /NDF:0.0/0

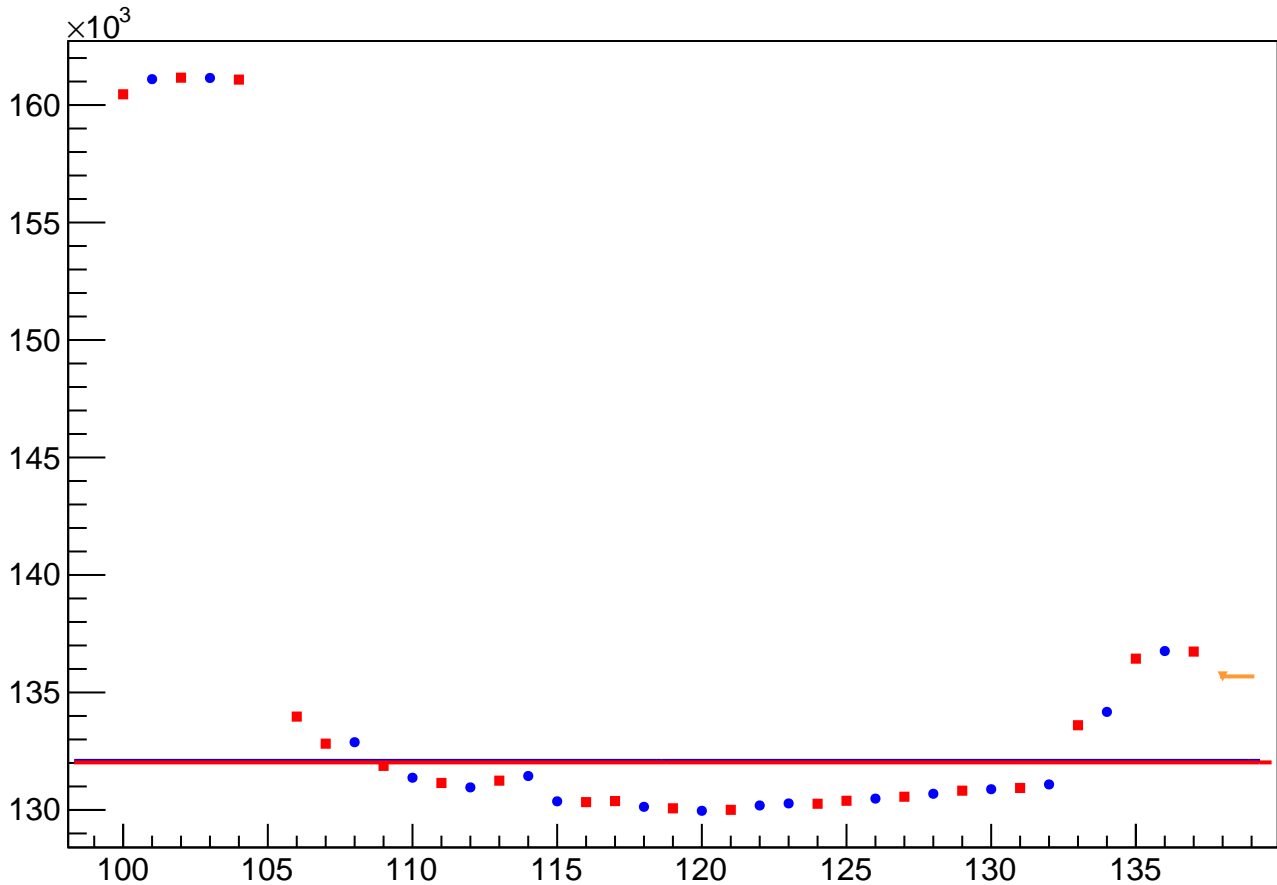
132.787 \pm 0.037 χ^2 /NDF: 1582832.0/17

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: 135682.634 \pm 0.217 χ^2 /NDF: 0.0/0

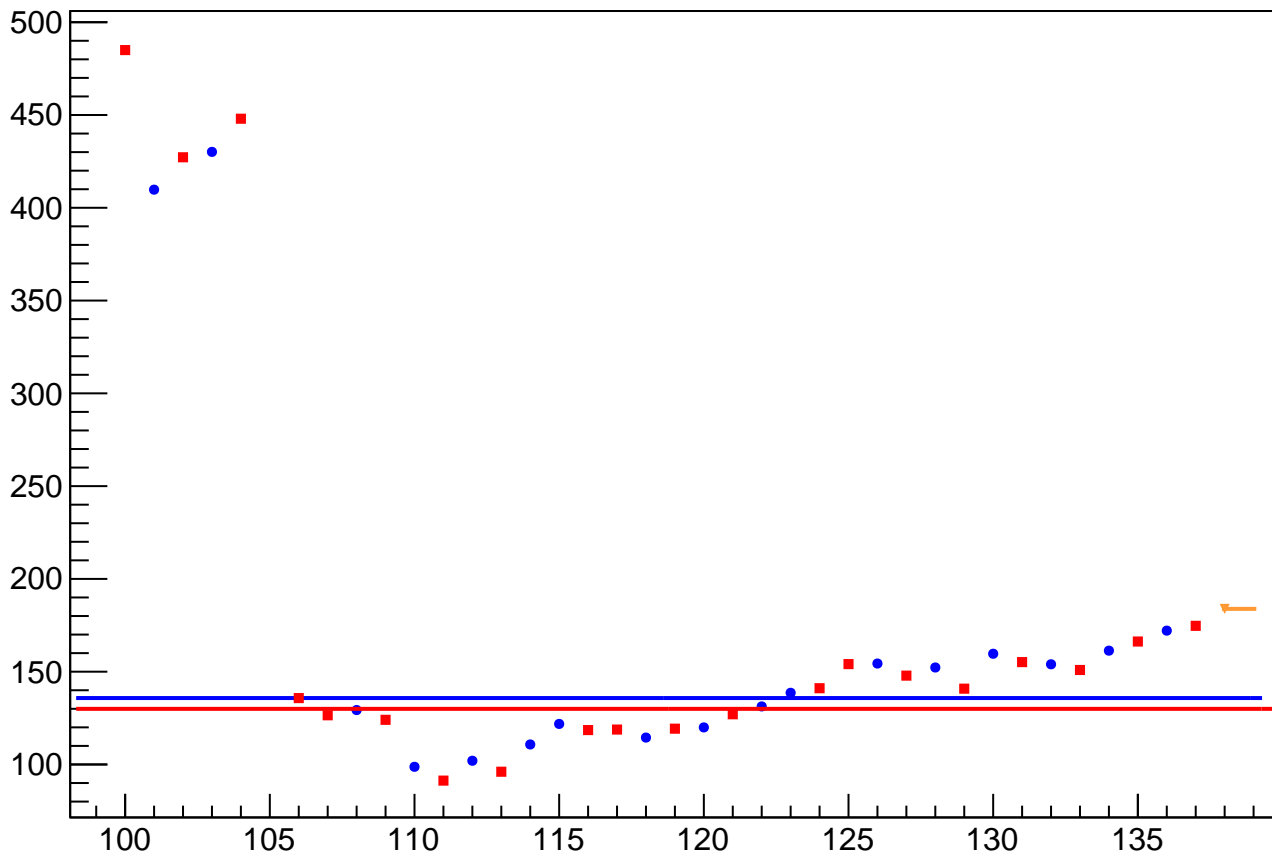
132315.593 \pm 0.055 χ^2 /NDF: 6990726729.3/17

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+/-0.040 χ^2/NDF : 1441904.9/16

Left Out: 183.852+/-0.153 χ^2/NDF :0.0/0

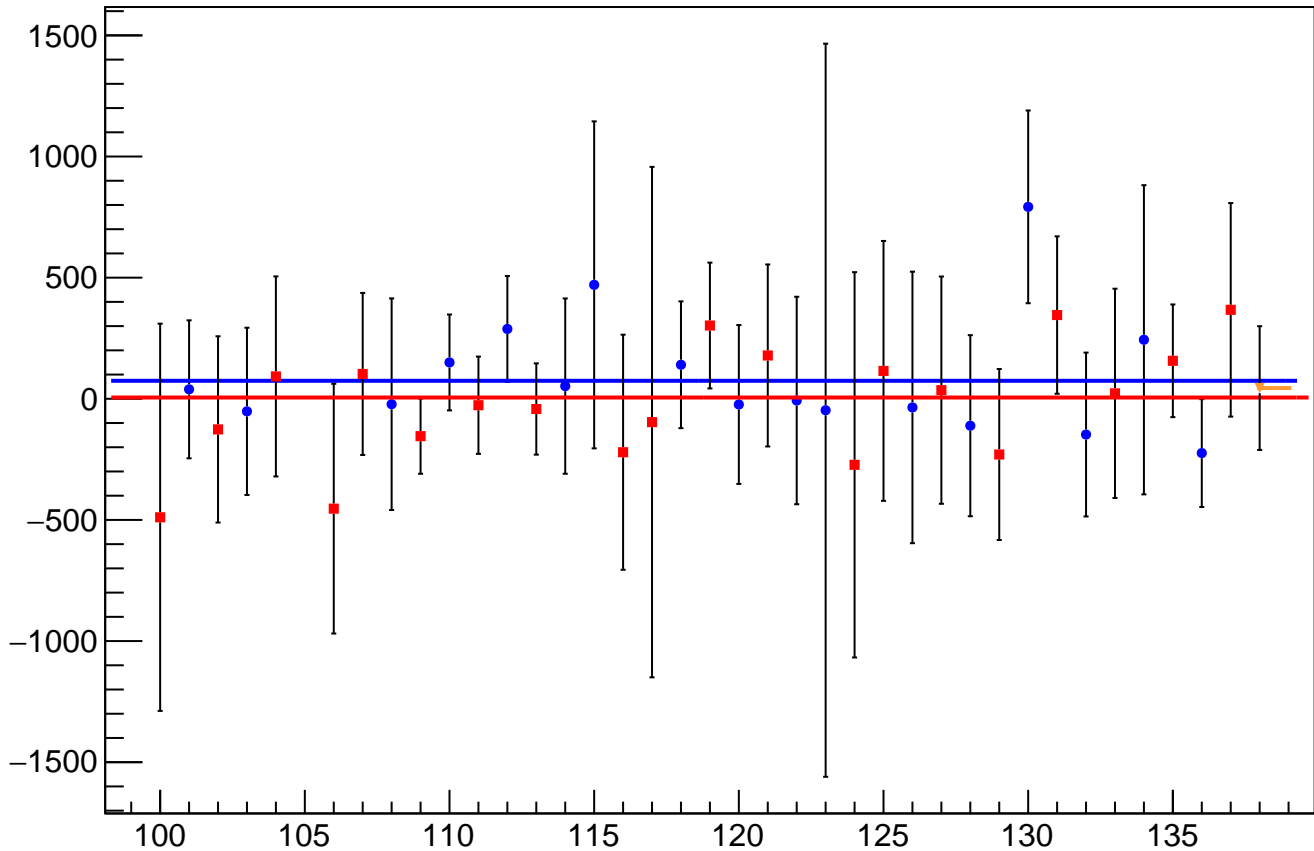
138.854+/-0.039 χ^2/NDF : 1533884.9/17

Right Out: 129.975+/-0.037 χ^2/NDF : 1504768.0/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

129.975+/-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: 44.315+/-255.375 χ^2/NDF : 0.0/0

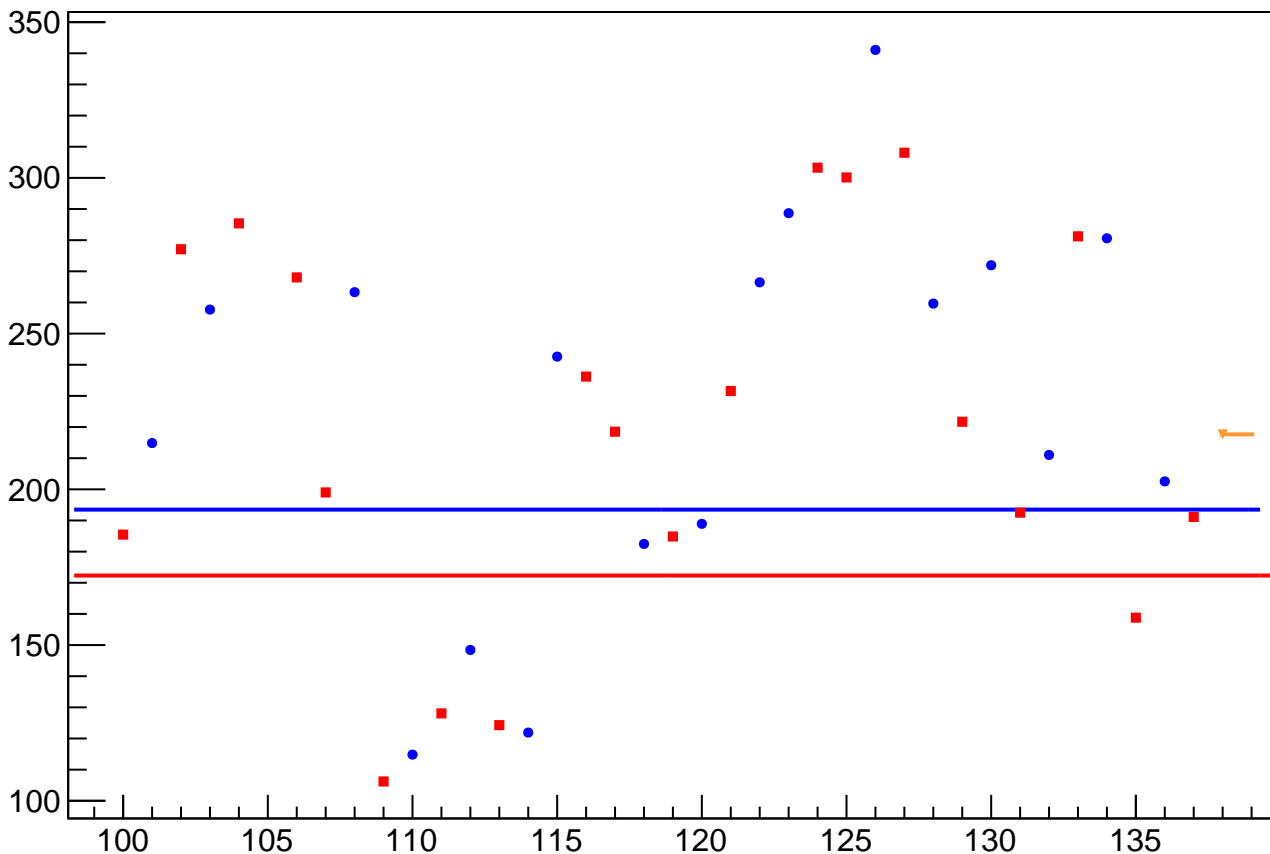
Right Out: 5.290+/-69.914 χ^2/NDF : 7.1/19

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

71.675+/-75.487 χ^2/NDF : 7.7/17

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: 217.650+/-0.181 χ^2/NDF : 0.0/0

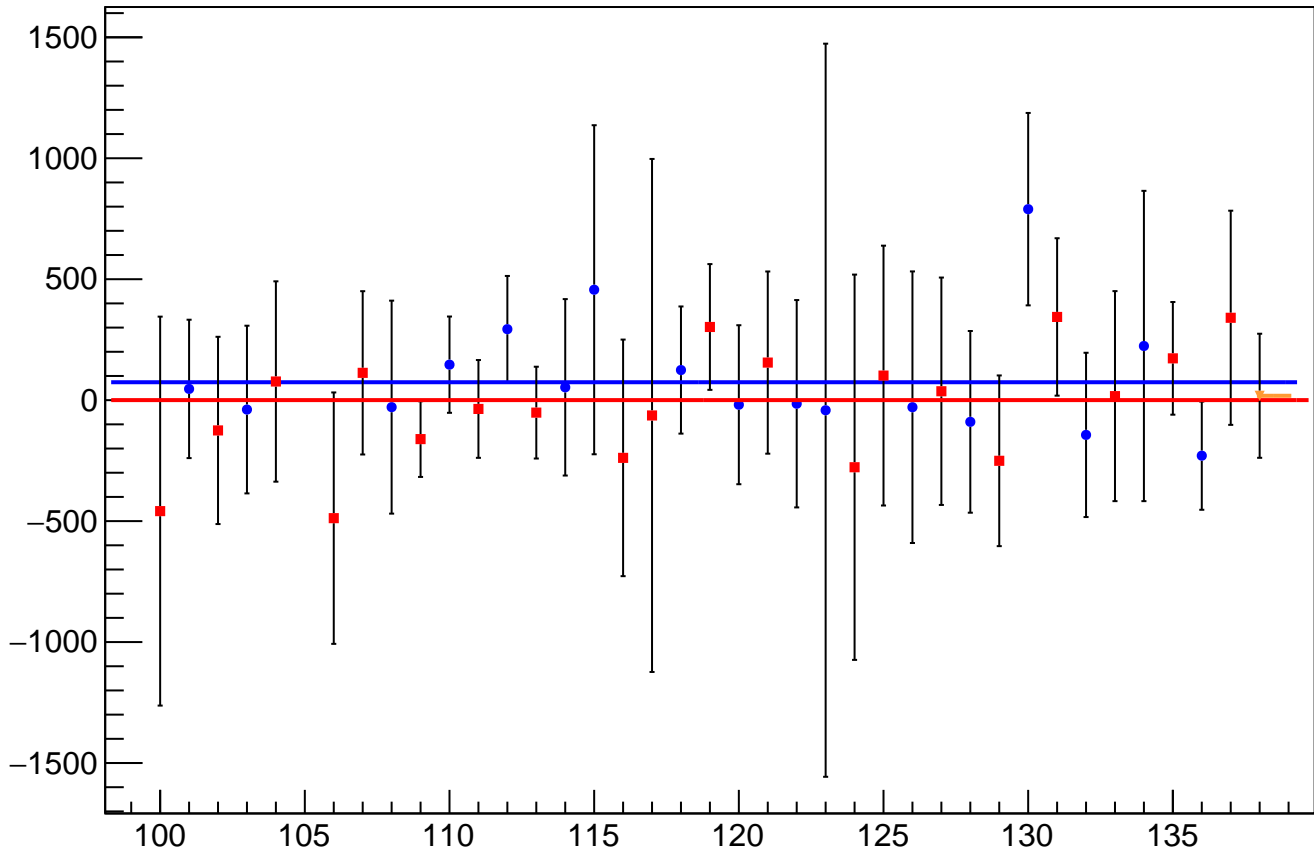
Right Out: 172.327+/-0.049 χ^2/NDF : 1583701.4/19

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

195.599+/-0.053 χ^2/NDF : 1033535.2/17

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: 18.151+/-256.464 χ^2 /NDF: 0.0/0

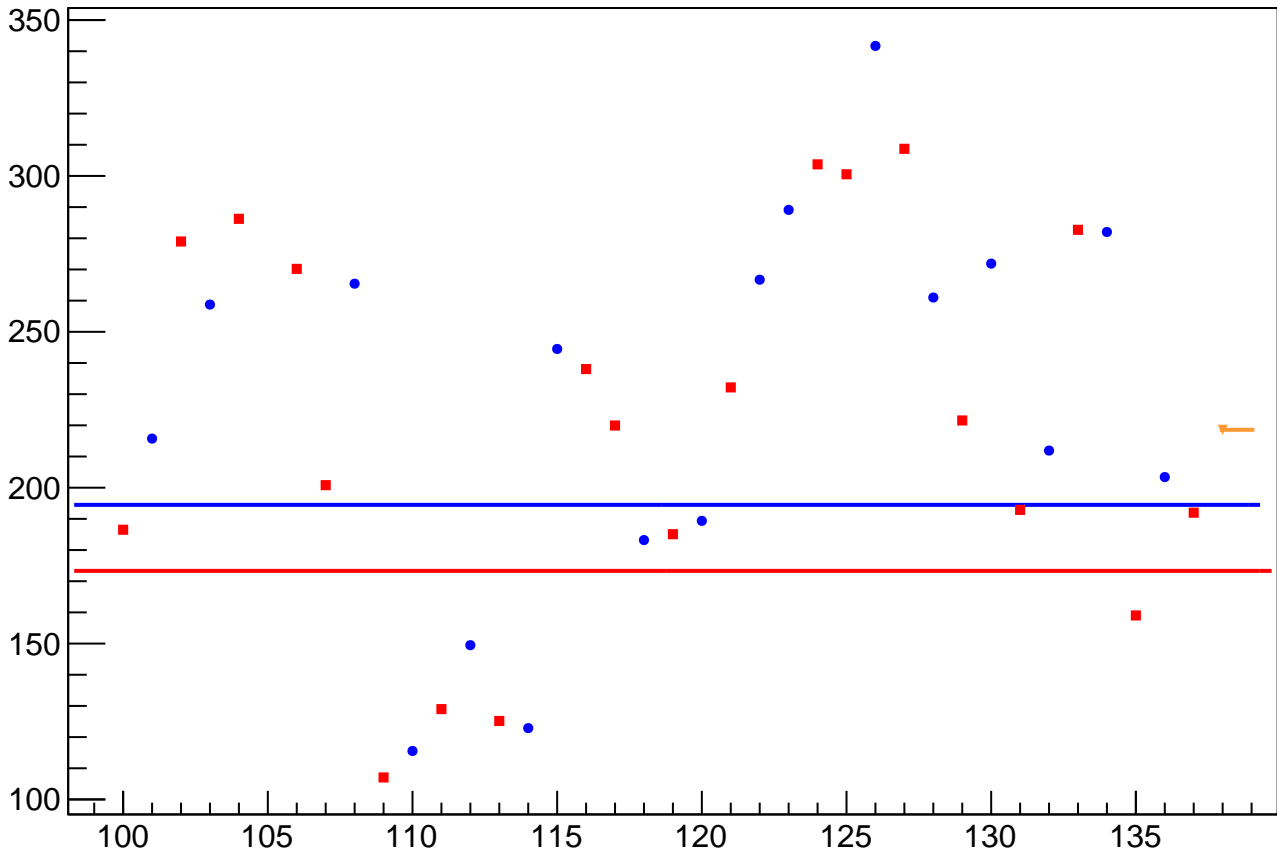
Right Out: 0.223+/-70.282 χ^2 /NDF: 7.3/19

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

69.204+/-75.851 χ^2 /NDF: 7.6/17

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: 218.573+/-0.181 χ^2 /NDF:0.0/0

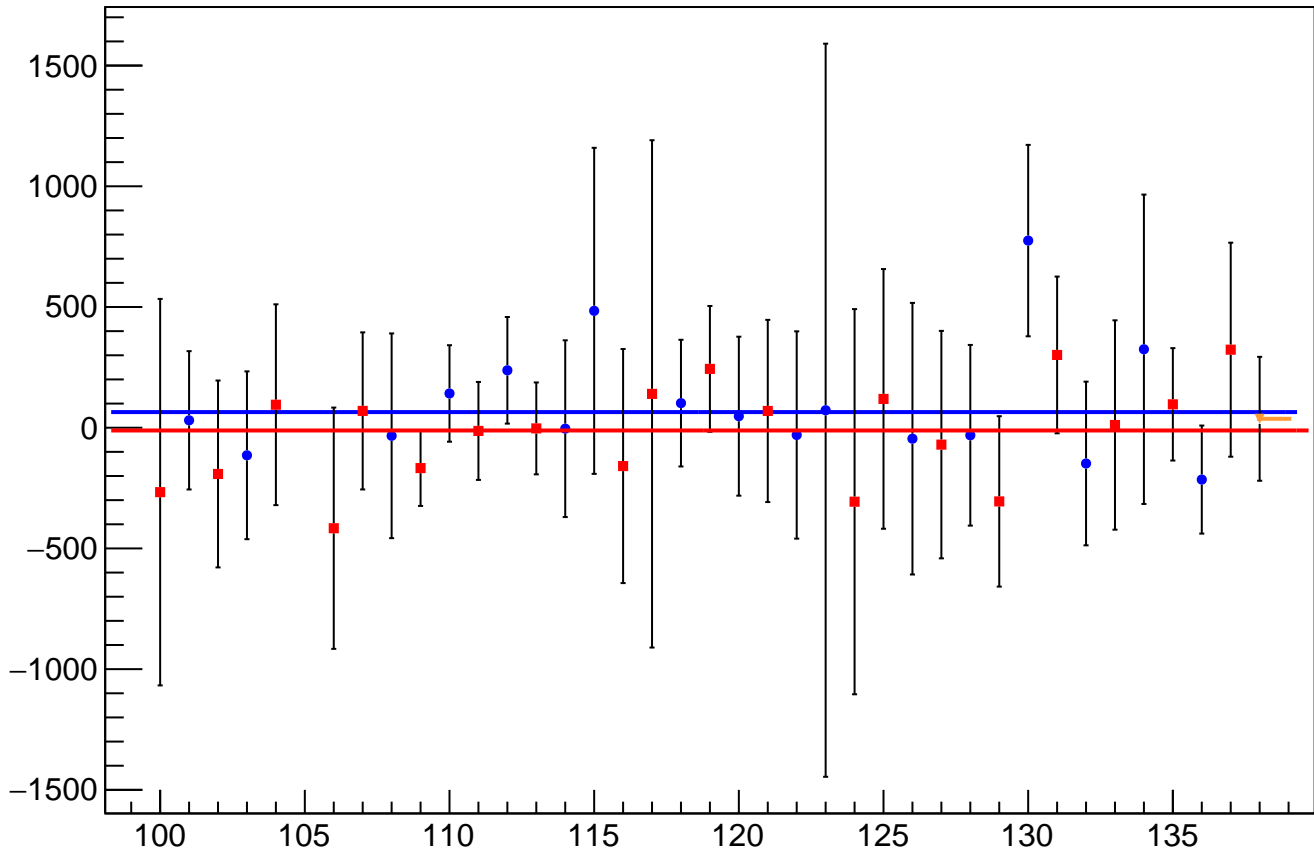
Right Out: 173.317+/-0.050 χ^2 /NDF: 1571258.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

196.602+/-0.054 χ^2 /NDF: 1024599.9/17

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: 36.928+/-256.646 χ^2 /NDF:0.0/0

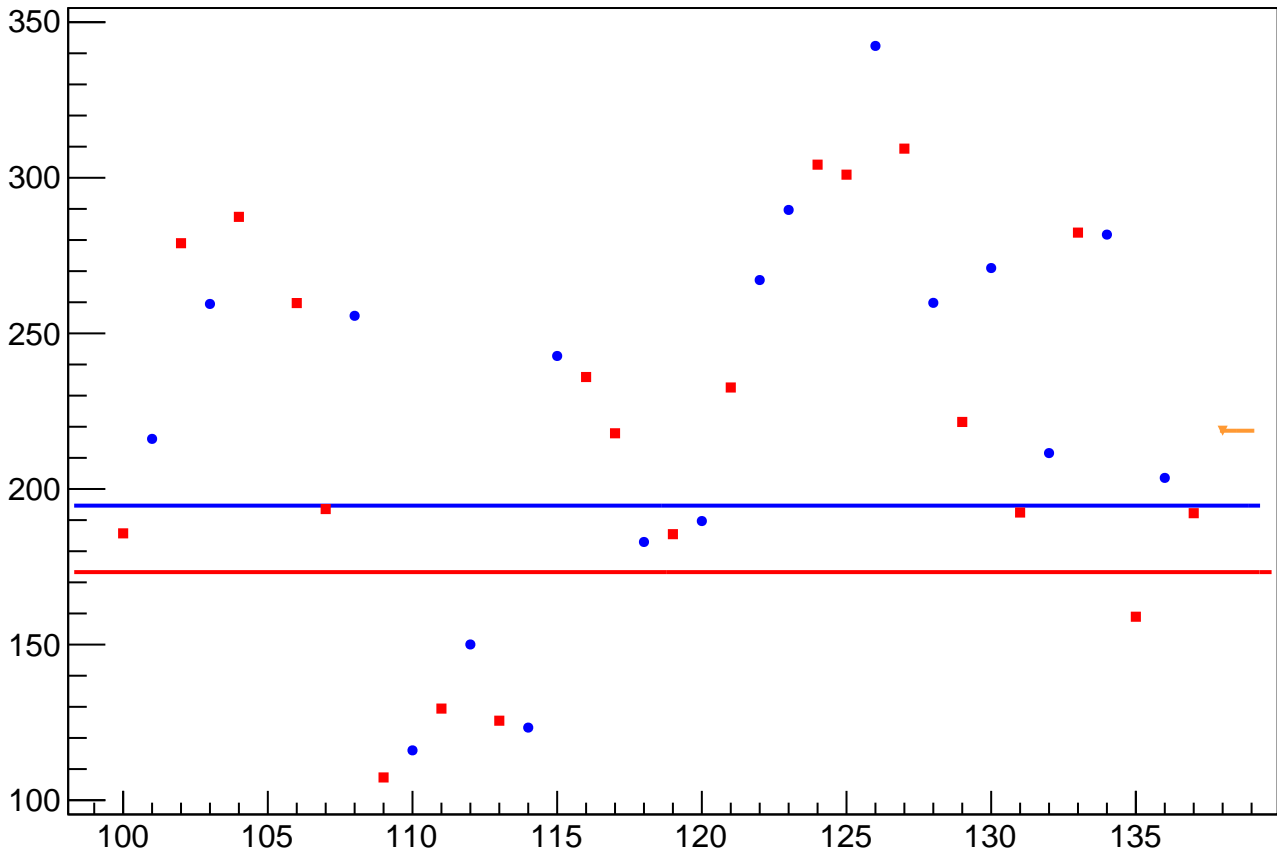
Right Out: -11.414+/-70.204 χ^2 /NDF: 5.8/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

62.304+/-75.852 χ^2 /NDF: 7.0/17

-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: 218.724 \pm 0.181 χ^2 /NDF: 0.0/0

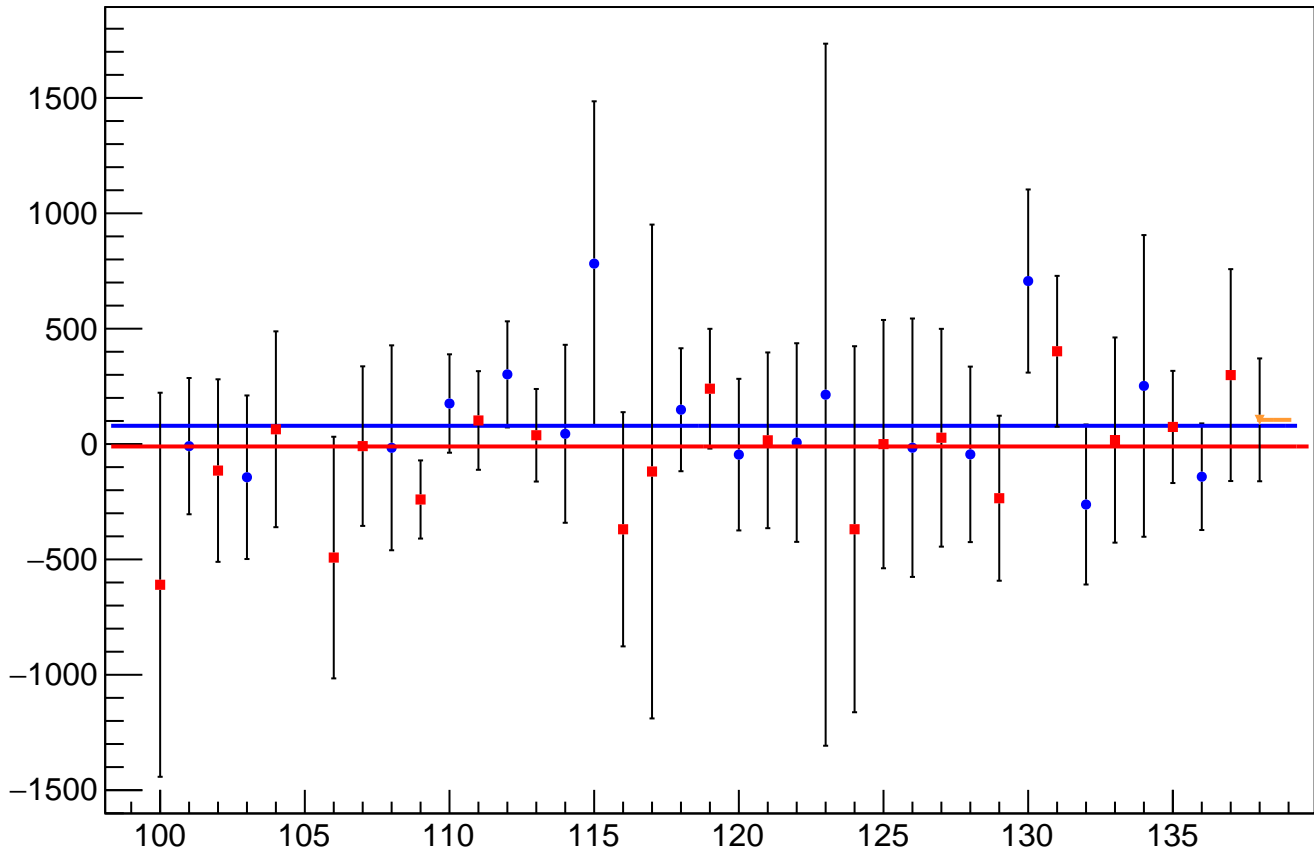
Right Out: 173.289 \pm 0.050 χ^2 /NDF: 1548162.6/19

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

196.755 \pm 0.054 χ^2 /NDF: 1002856.9/17

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: 104.914+/-266.200 χ^2 /NDF:0.0/0

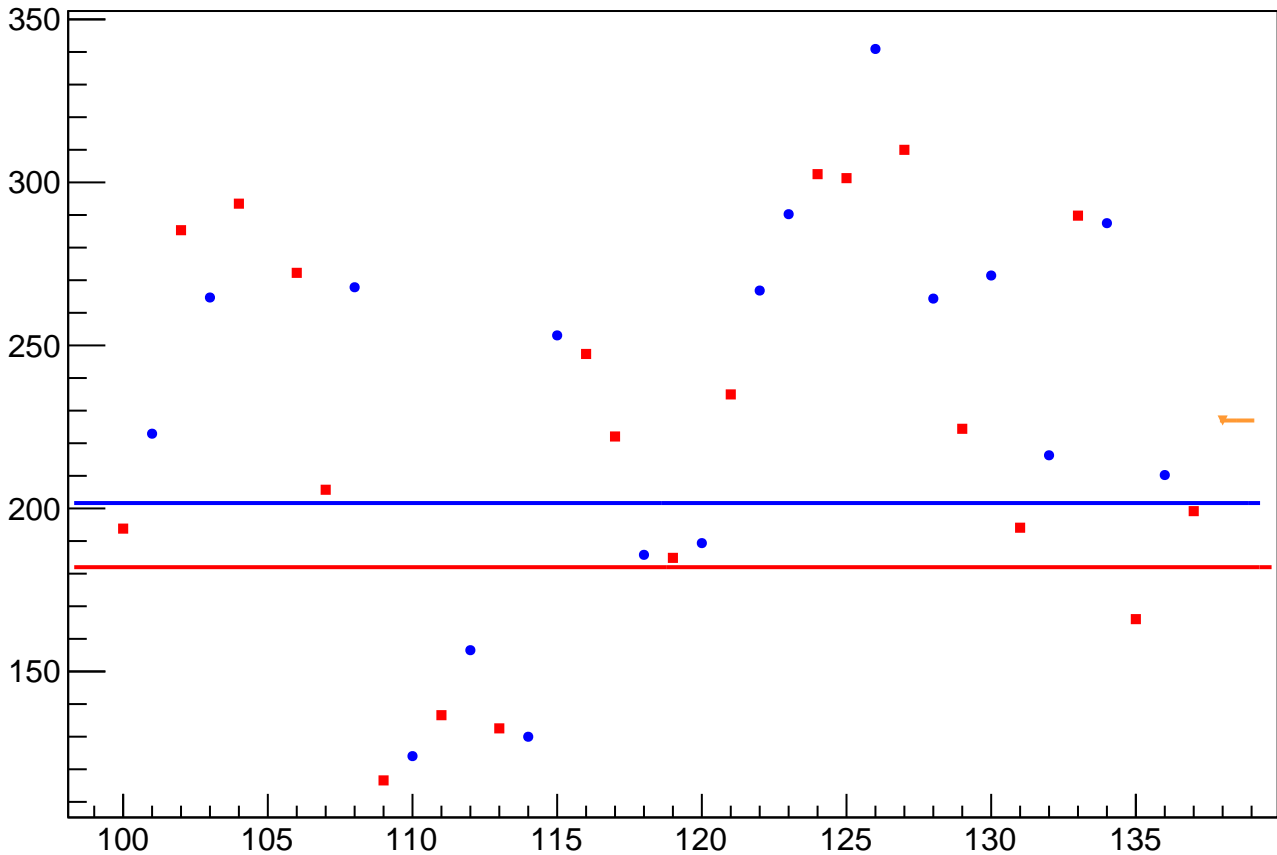
Right Out: -10.491+/-73.139 χ^2 /NDF: 7.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

81.357+/-78.257 χ^2 /NDF: 7.5/17

-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: 226.974 \pm 0.188 χ^2 /NDF: 0.0/0

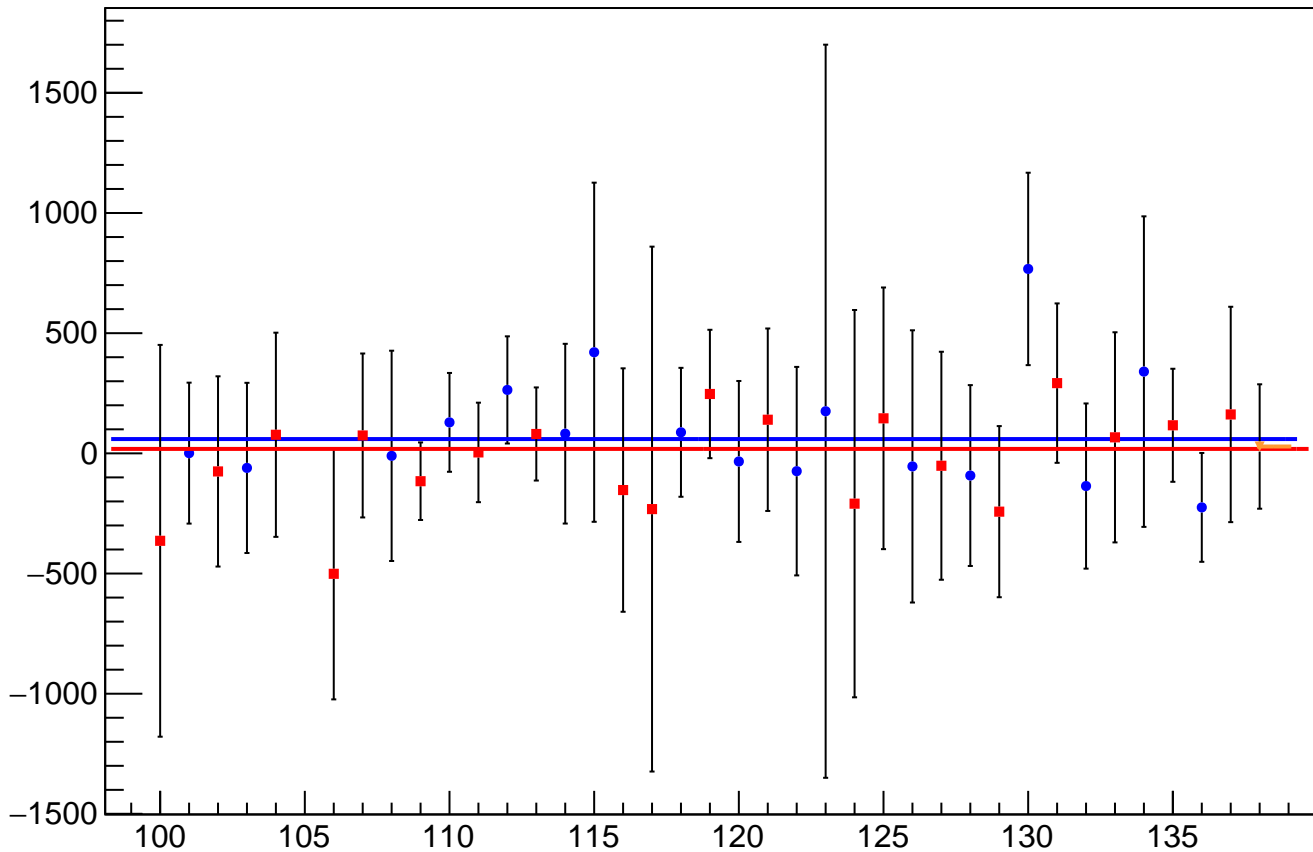
Right Out: 181.986 \pm 0.052 χ^2 /NDF: 1380269.0/19

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

203.842 \pm 0.055 χ^2 /NDF: 899710.4/17

181.986 \pm 0.052 χ^2 /NDF: 1380269.0/19

asym_bcm_dg_ds_mean vs Slug



Right In: 59.496 \pm 80.808 χ^2 /NDF: 7.0/16

Left Out: 28.507 \pm 258.830 χ^2 /NDF: 0.0/0

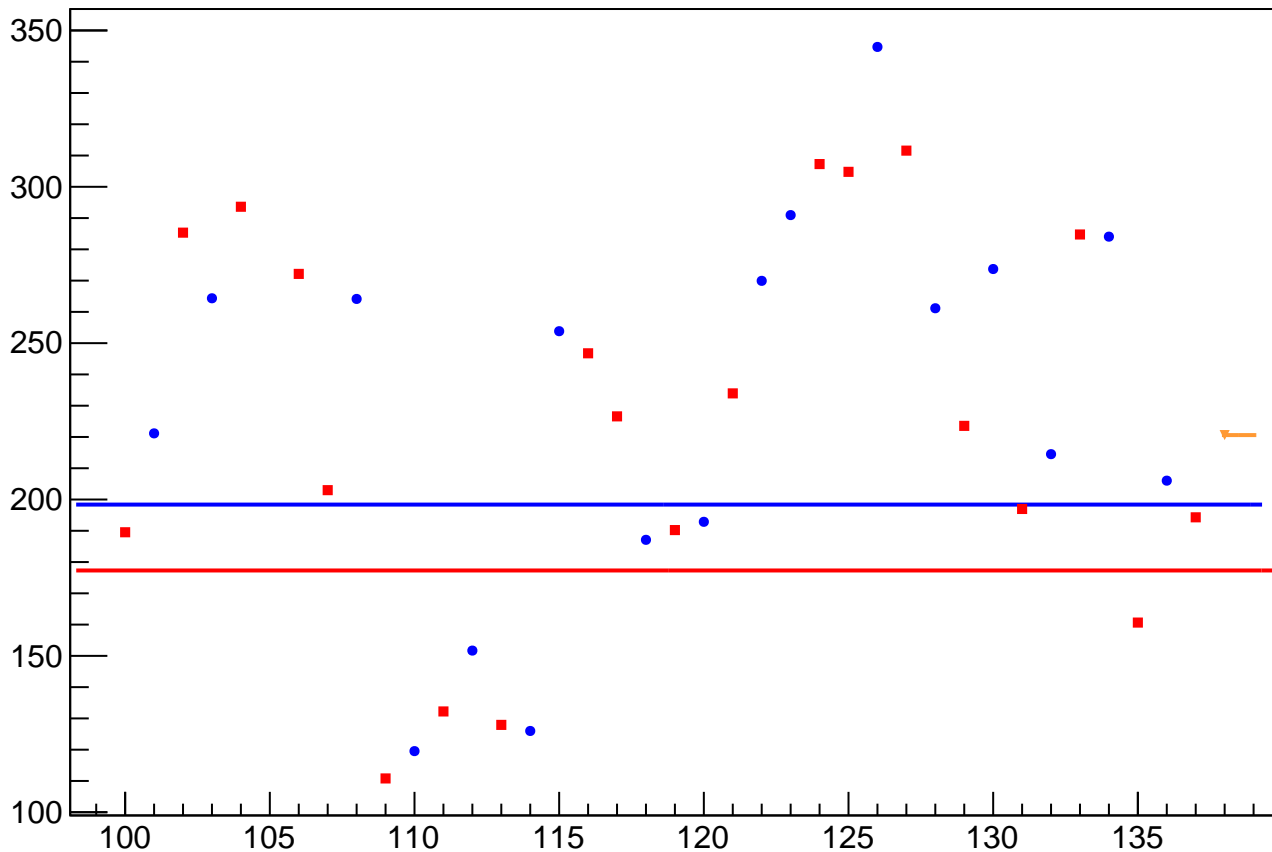
Right Out: 18.457 \pm 71.711 χ^2 /NDF: 4.8/19

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

56.743 \pm 77.136 χ^2 /NDF: 7.0/17

18.457 \pm 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: 220.604+/-0.183 χ^2 /NDF:0.0/0

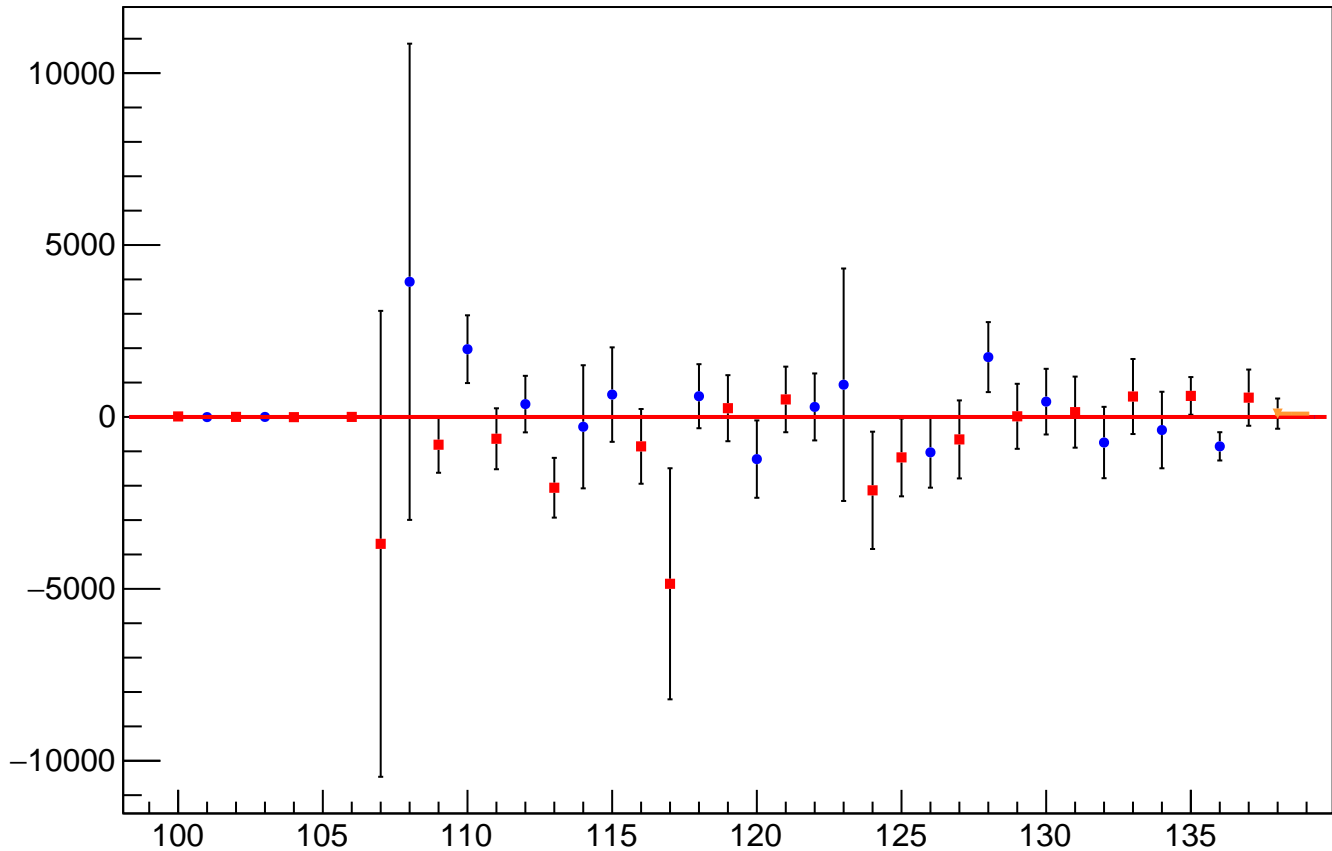
200.352+/-0.055 χ^2 /NDF: 977110.3/17

Right Out: 177.309+/-0.051 χ^2 /NDF: 1528855.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 96.714 ± 439.639 χ^2/NDF : 0.0/0

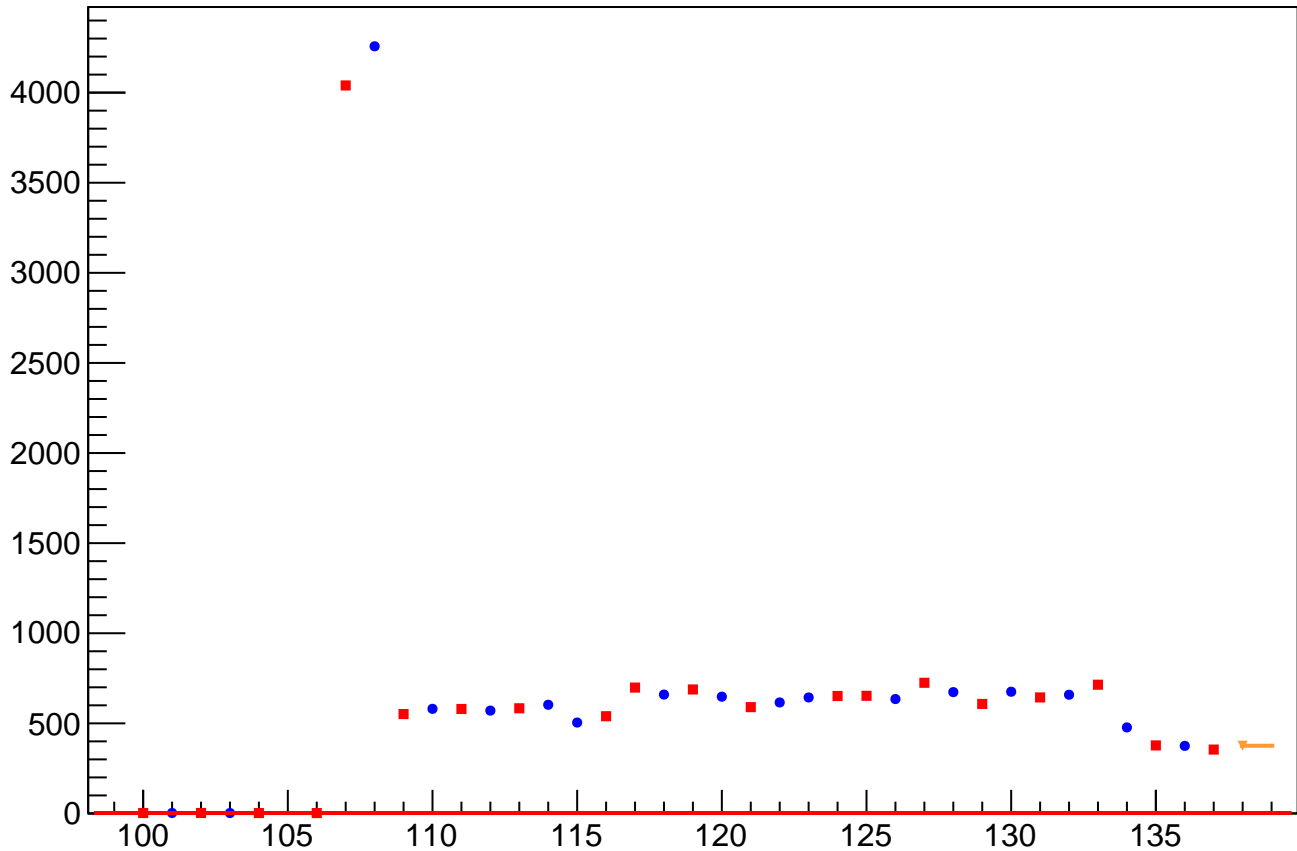
Right Out: -0.728 ± 2.111 χ^2/NDF : 21.4/19

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

-1.527 ± 2.251 χ^2/NDF : 17.0/17

-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: 375.729+/-0.311 χ^2/NDF : 0.0/0

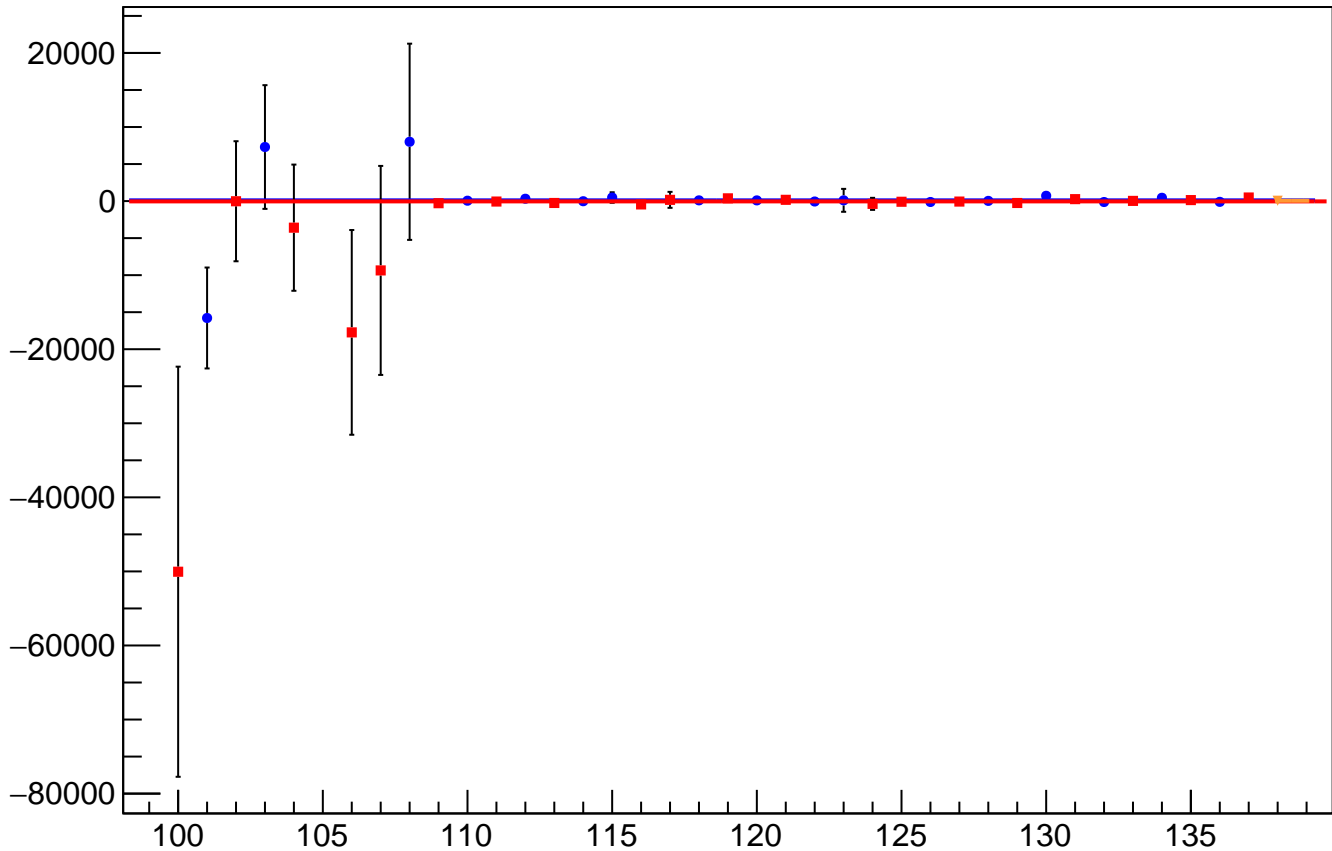
2.466+/-0.002 χ^2/NDF : 12289511.0/17

Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

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

2.437+/-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

93.227+/-85.777 χ^2 /NDF: 11.9/17

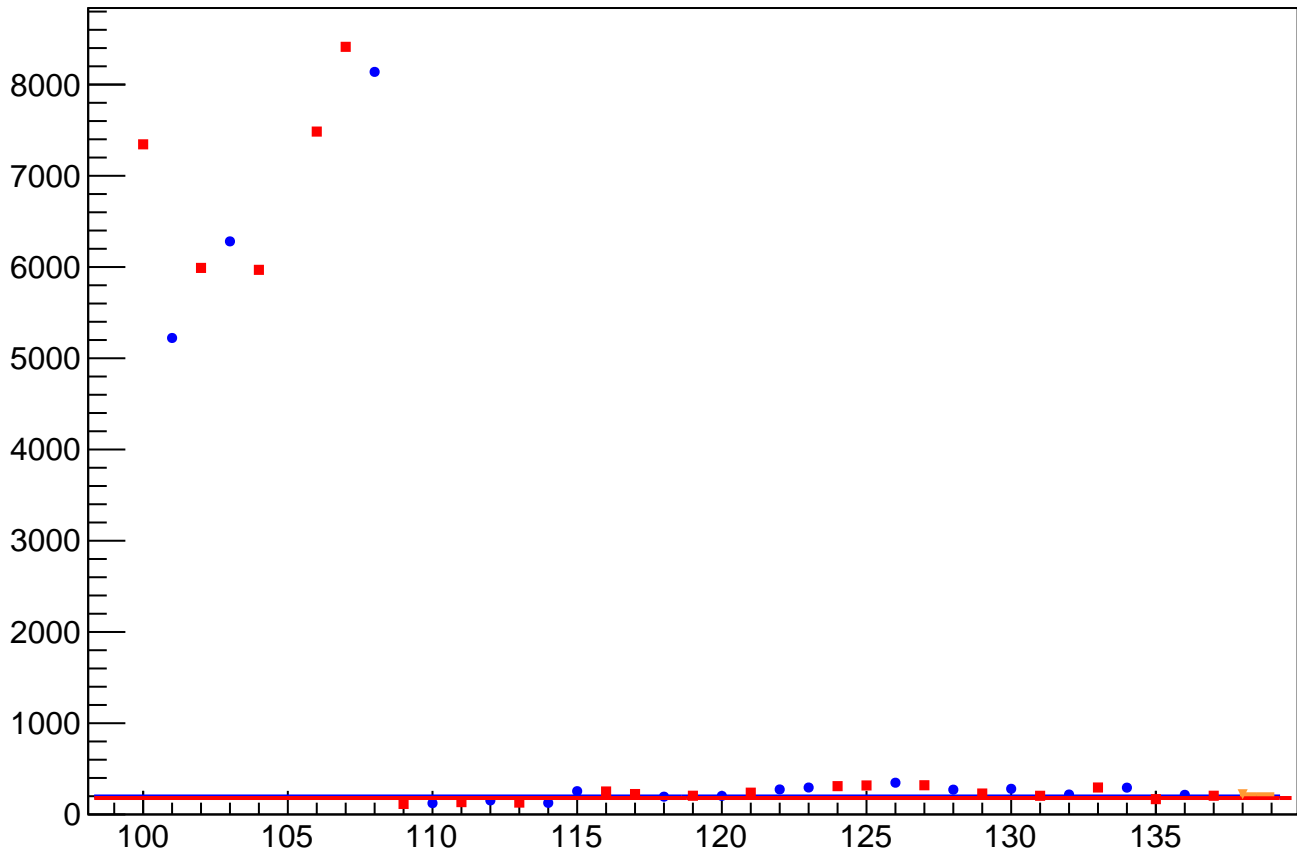
Left Out: 48.838+/-260.113 χ^2 /NDF:0.0/0

Right Out: -41.024+/-84.237 χ^2 /NDF: 13.9/19

-41.024+/-84.237 χ^2 /NDF: 13.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

asym_cav4cQ_rms vs Slug



Right In: 197.086+/-0.064 χ^2 /NDF: 3693614.0/16

Left Out: 221.182+/-0.184 χ^2 /NDF:0.0/0

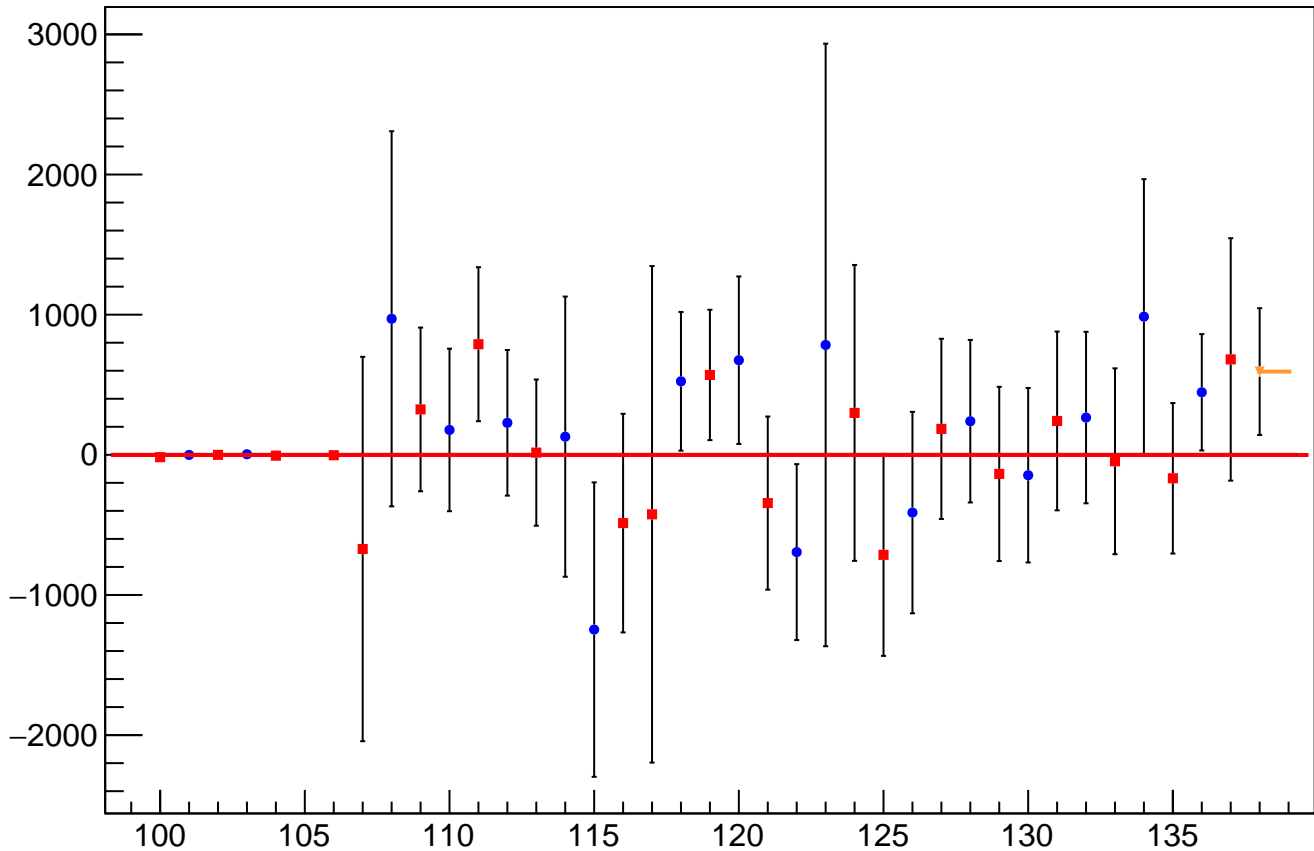
Right Out: 180.217+/-0.060 χ^2 /NDF: 4324457.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

199.706+/-0.061 χ^2 /NDF: 3708911.7/17

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: 593.976 ± 452.268 χ^2/NDF : 0.0/0

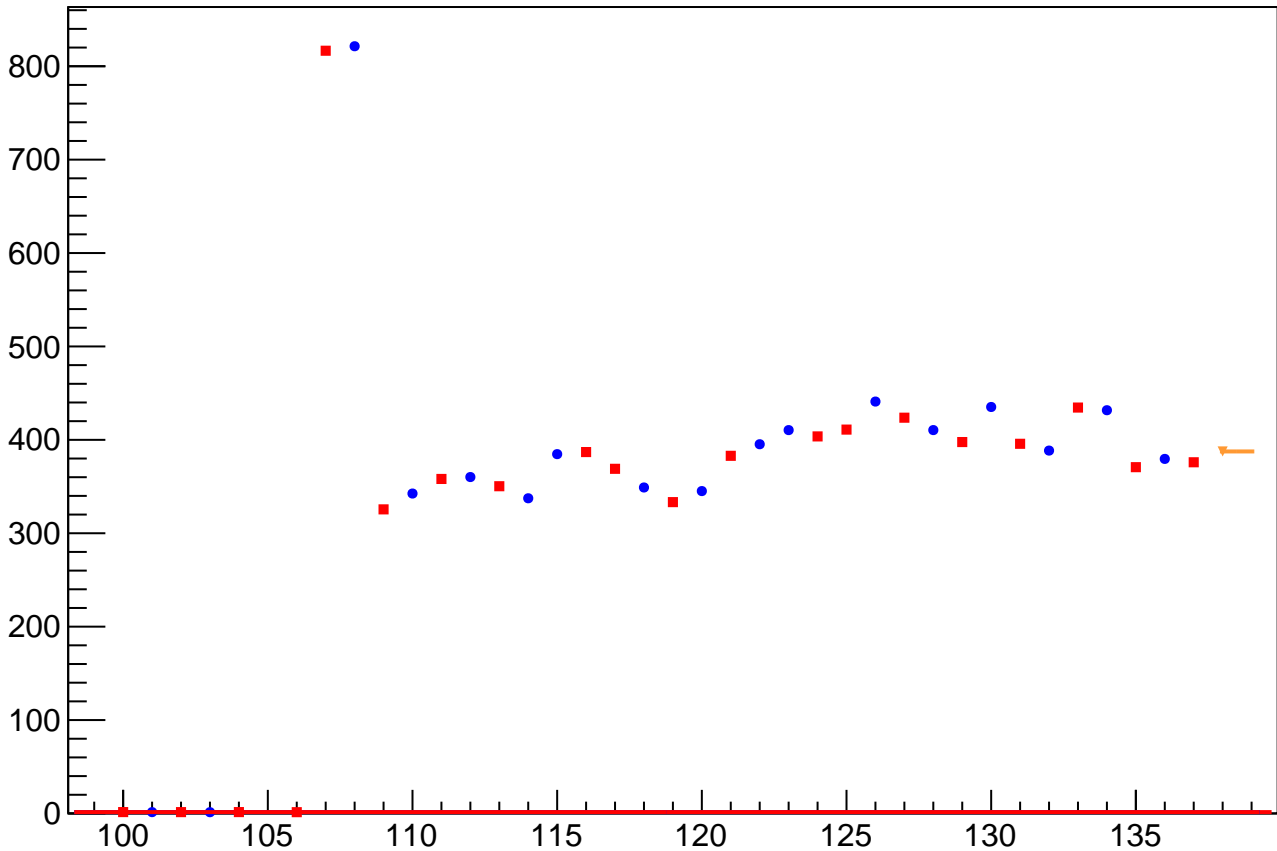
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.7/19

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

-0.129 ± 1.737 χ^2/NDF : 11.5/17

-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

1.459+/-0.001 χ^2/NDF : 12415793.9/17

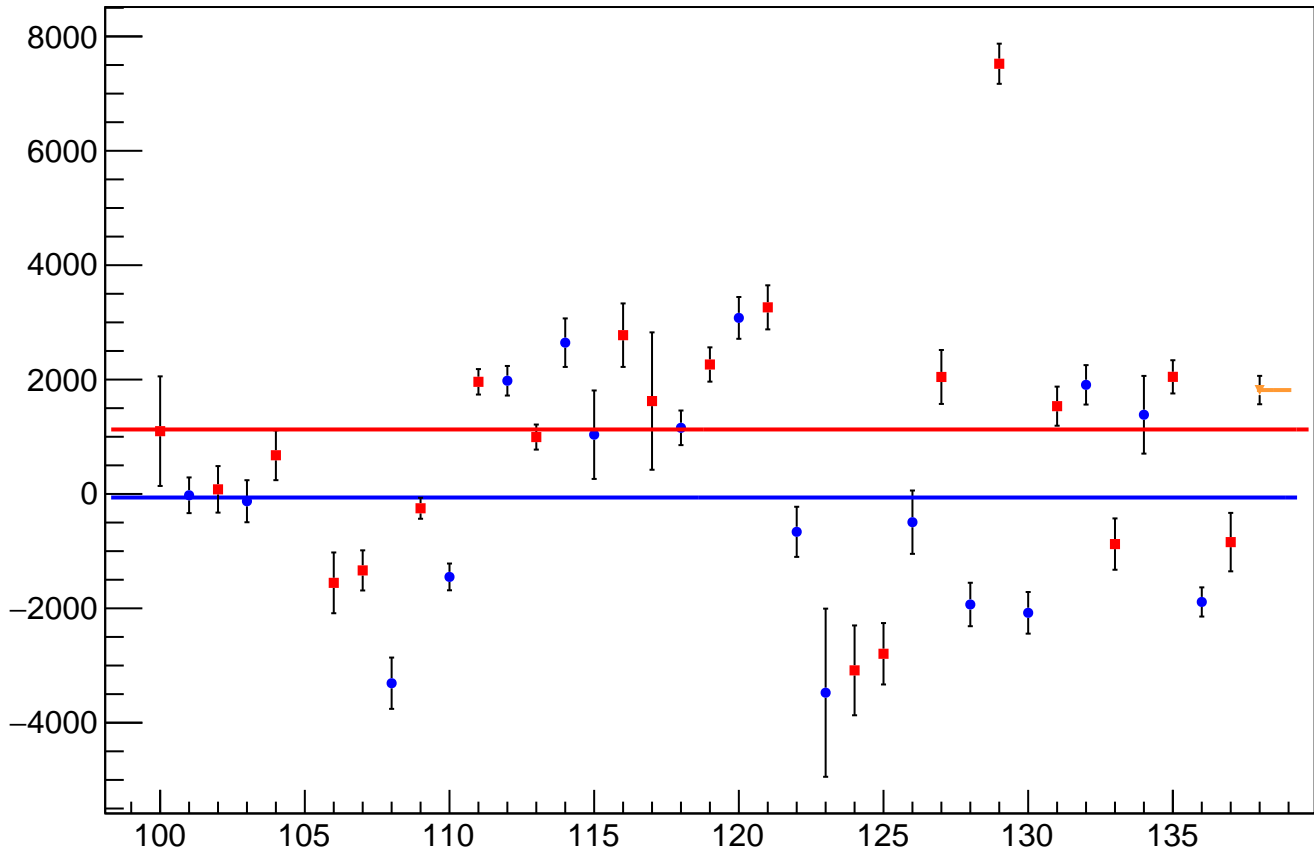
Left Out: 387.583+/-0.320 χ^2/NDF : 0.0/0

Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

1.451+/-0.001 χ^2/NDF : 10966832.6/19

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

asym_bcm0l02_mean vs Slug



Right In: -62.164 ± 87.424 $\chi^2/\text{NDF}: 433.9/16$

145.453 ± 82.452 $\chi^2/\text{NDF}: 485.0/17$

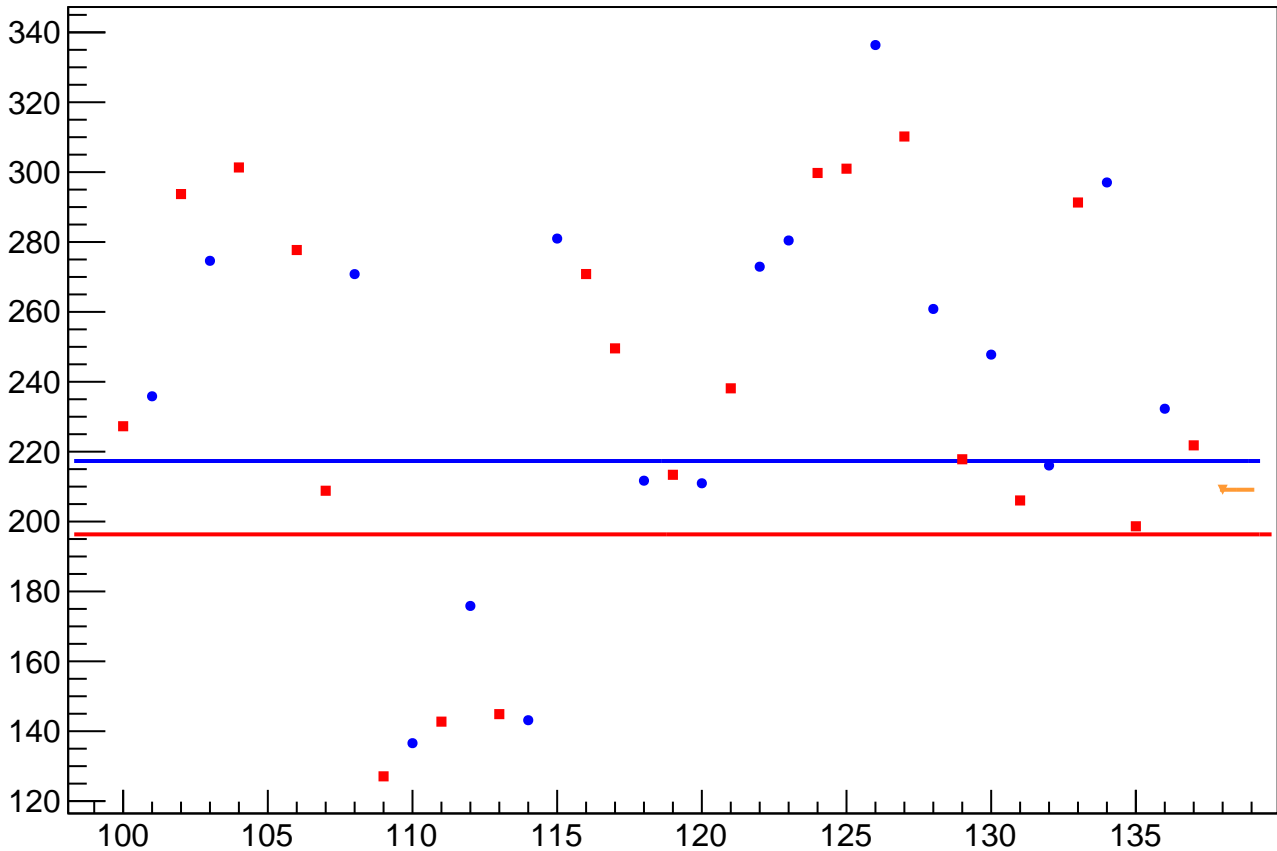
Left Out: 1816.614 ± 248.032 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1127.552 ± 78.203 $\chi^2/\text{NDF}: 671.4/19$

1127.552 ± 78.203 $\chi^2/\text{NDF}: 671.4/19$

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

asym_bcm0l02_rms vs Slug



Right In: 217.330 \pm 0.062 χ^2 /NDF: 652722.5/16

Left Out: 209.106 \pm 0.175 χ^2 /NDF:0.0/0

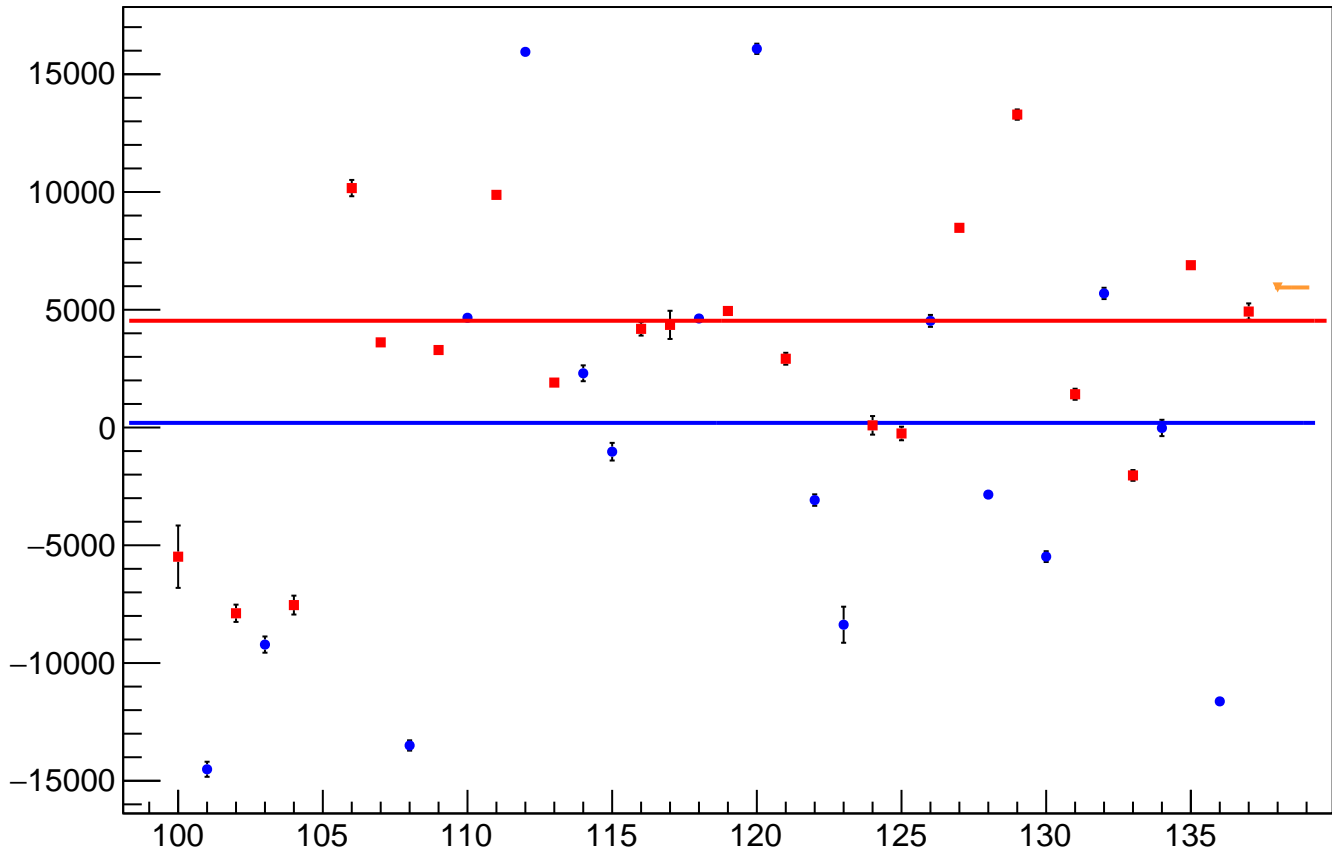
Right Out: 196.332 \pm 0.055 χ^2 /NDF: 1194678.0/19

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

216.421 \pm 0.058 χ^2 /NDF: 654678.3/17

196.332 \pm 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: 5946.609+/-189.647 χ^2 /NDF: 0.0/0

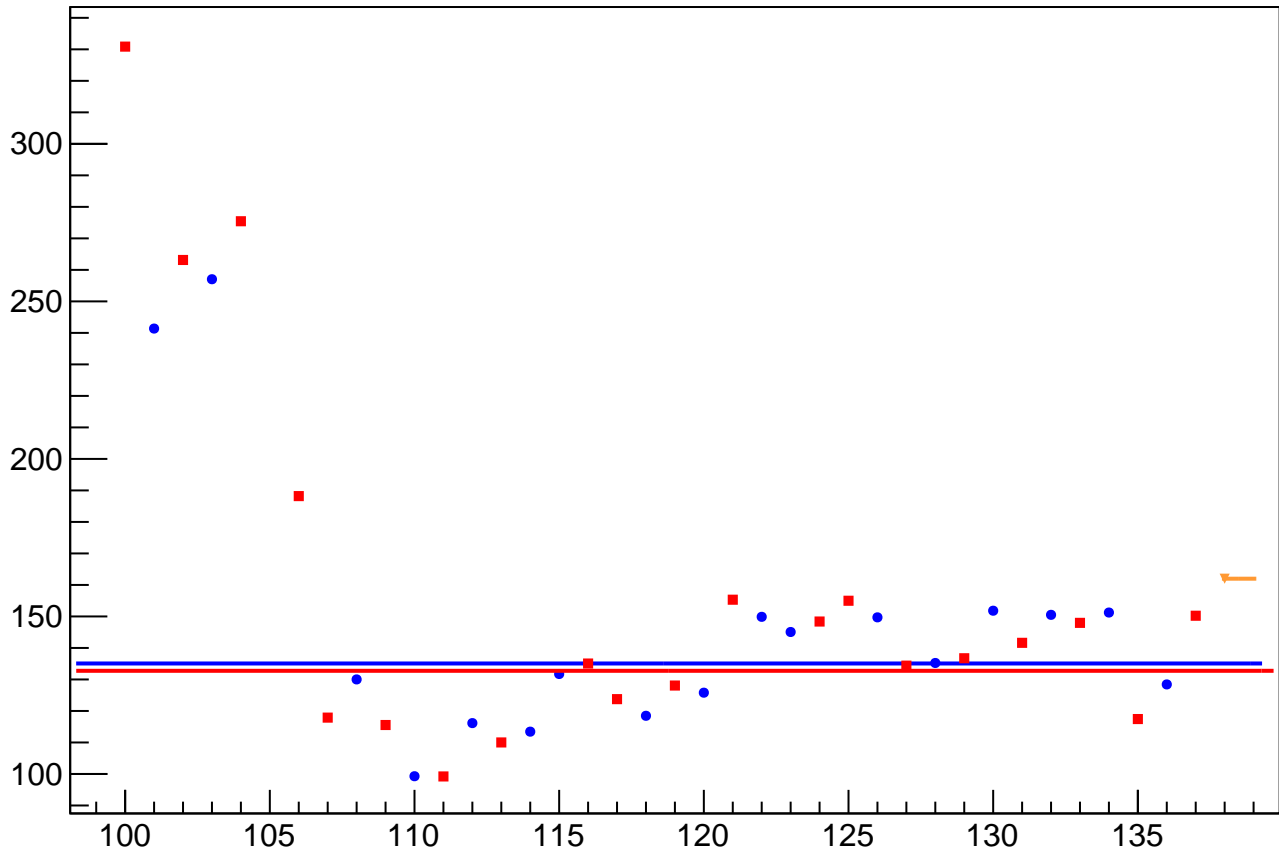
Right Out: 4532.856+/-52.261 χ^2 /NDF: 7477.3/19

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

640.064+/-52.645 χ^2 /NDF: 31506.6/17

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: 161.982+/-0.134 χ^2/NDF : 0.0/0

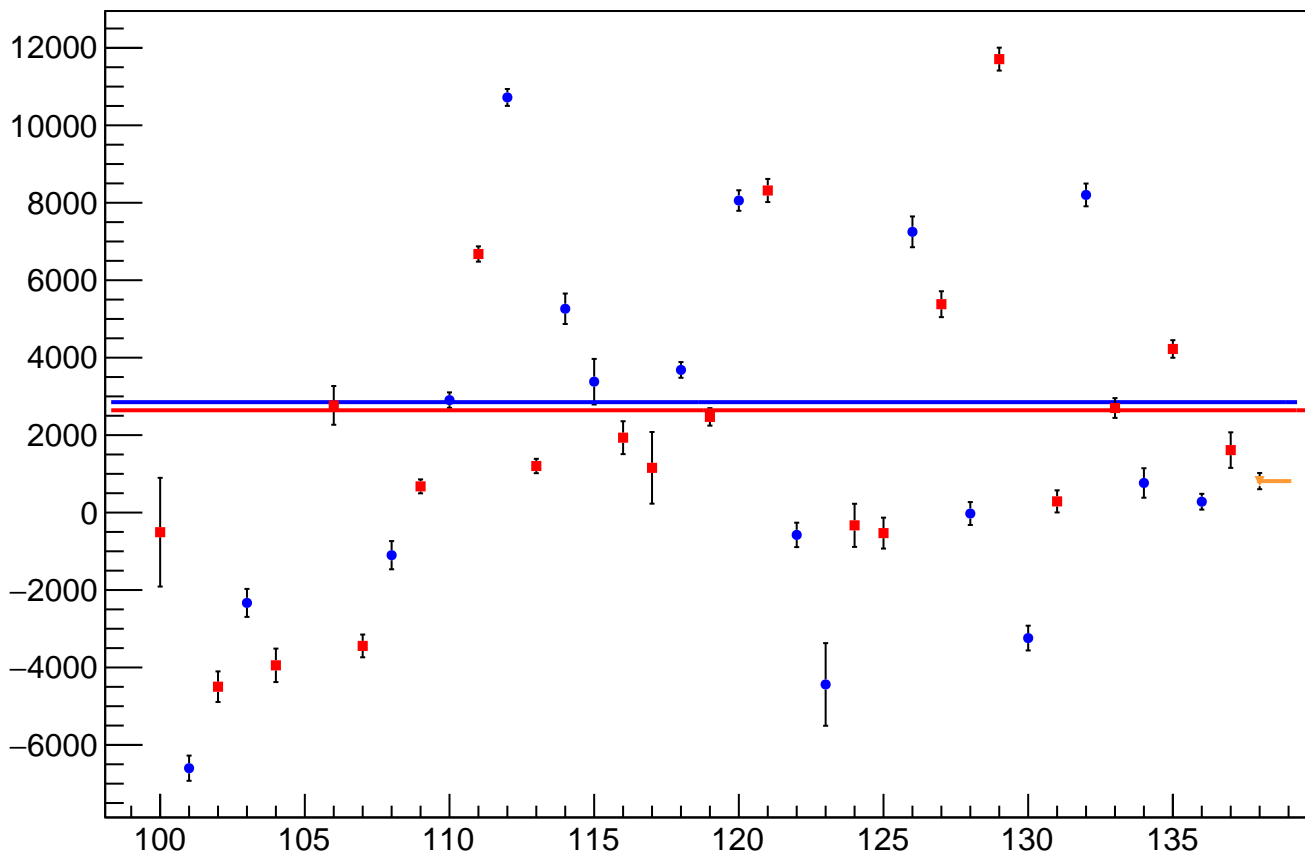
137.145+/-0.037 χ^2/NDF : 695869.9/17

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

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

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: 812.814+/-209.515 χ^2 /NDF:0.0/0

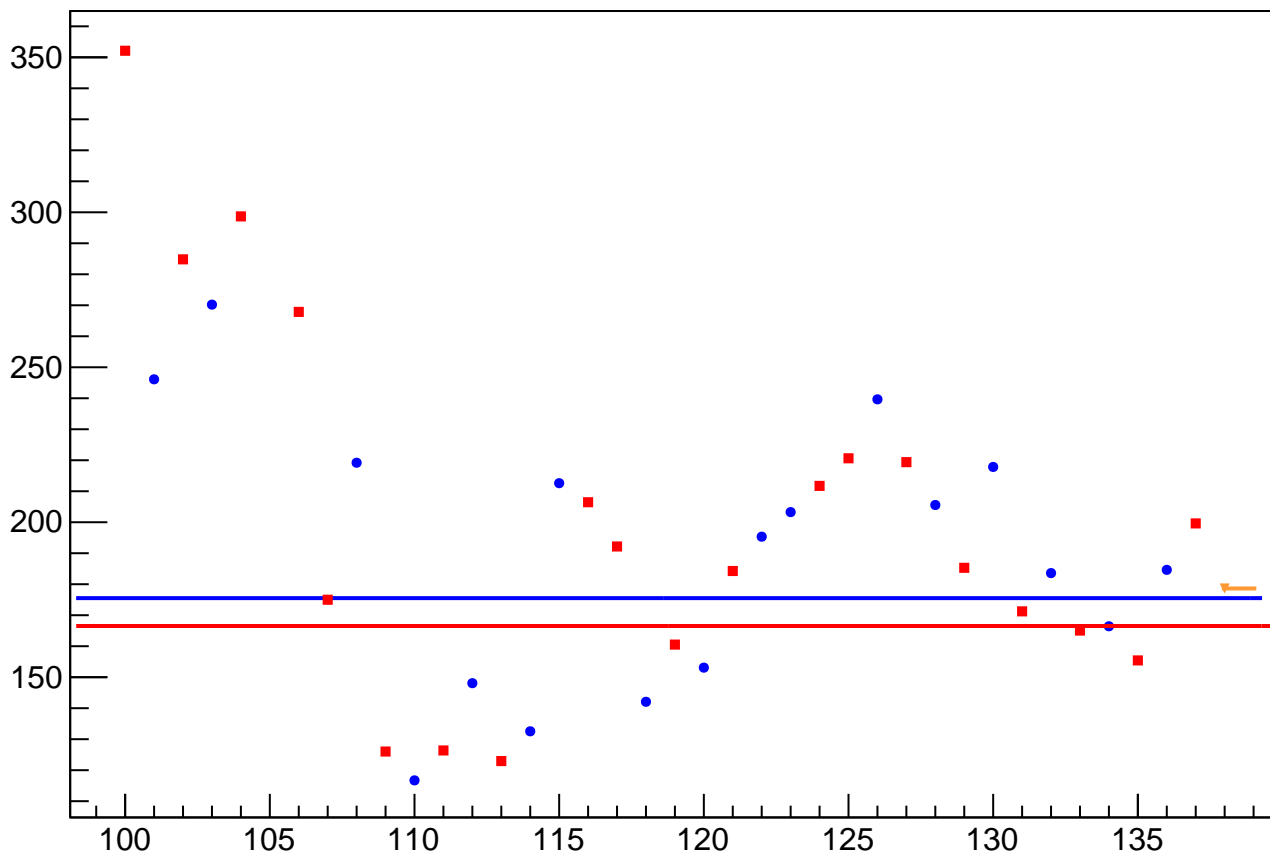
Right Out: 2641.642+/-65.566 χ^2 /NDF: 3178.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2642.749+/-67.034 χ^2 /NDF: 4263.1/17

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: 178.631+/-0.148 χ^2/NDF : 0.0/0

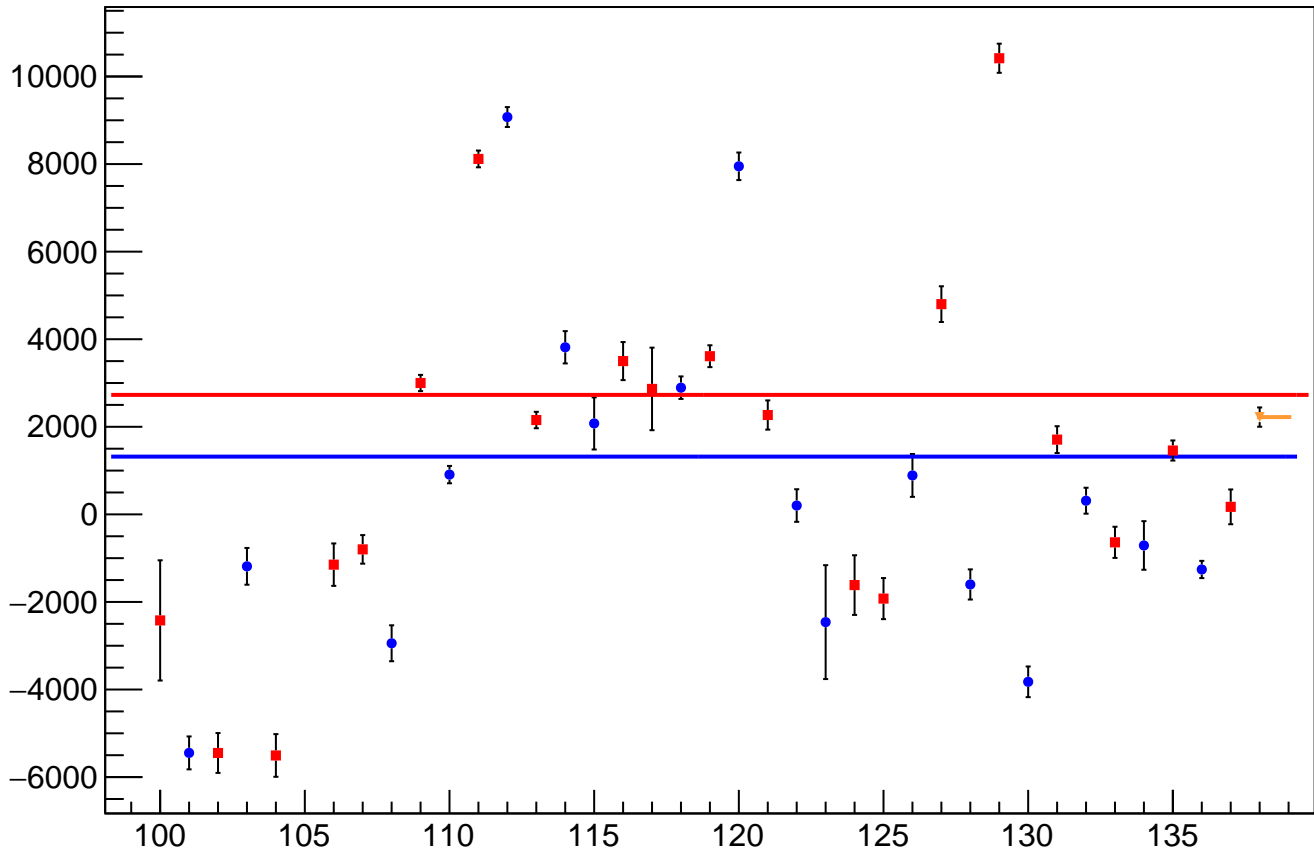
175.833+/-0.047 χ^2/NDF : 690039.5/17

Right Out: 166.522+/-0.046 χ^2/NDF : 931079.9/19

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

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: 2221.622+/-220.278 χ^2/NDF : 0.0/0

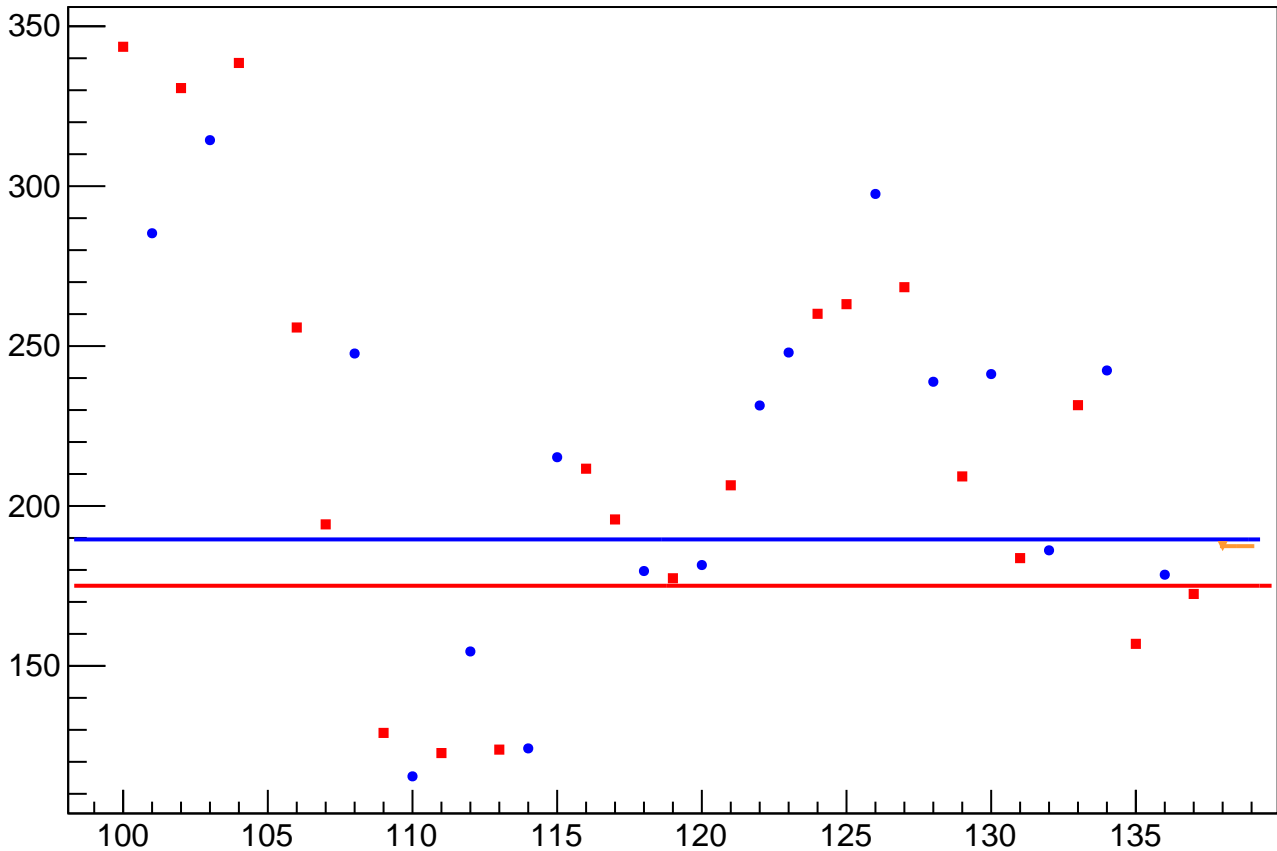
Right Out: 2728.550+/-69.837 χ^2/NDF : 2495.9/19

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

1417.623+/-72.810 χ^2/NDF : 2682.0/17

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: 187.441+/-0.156 χ^2/NDF : 0.0/0

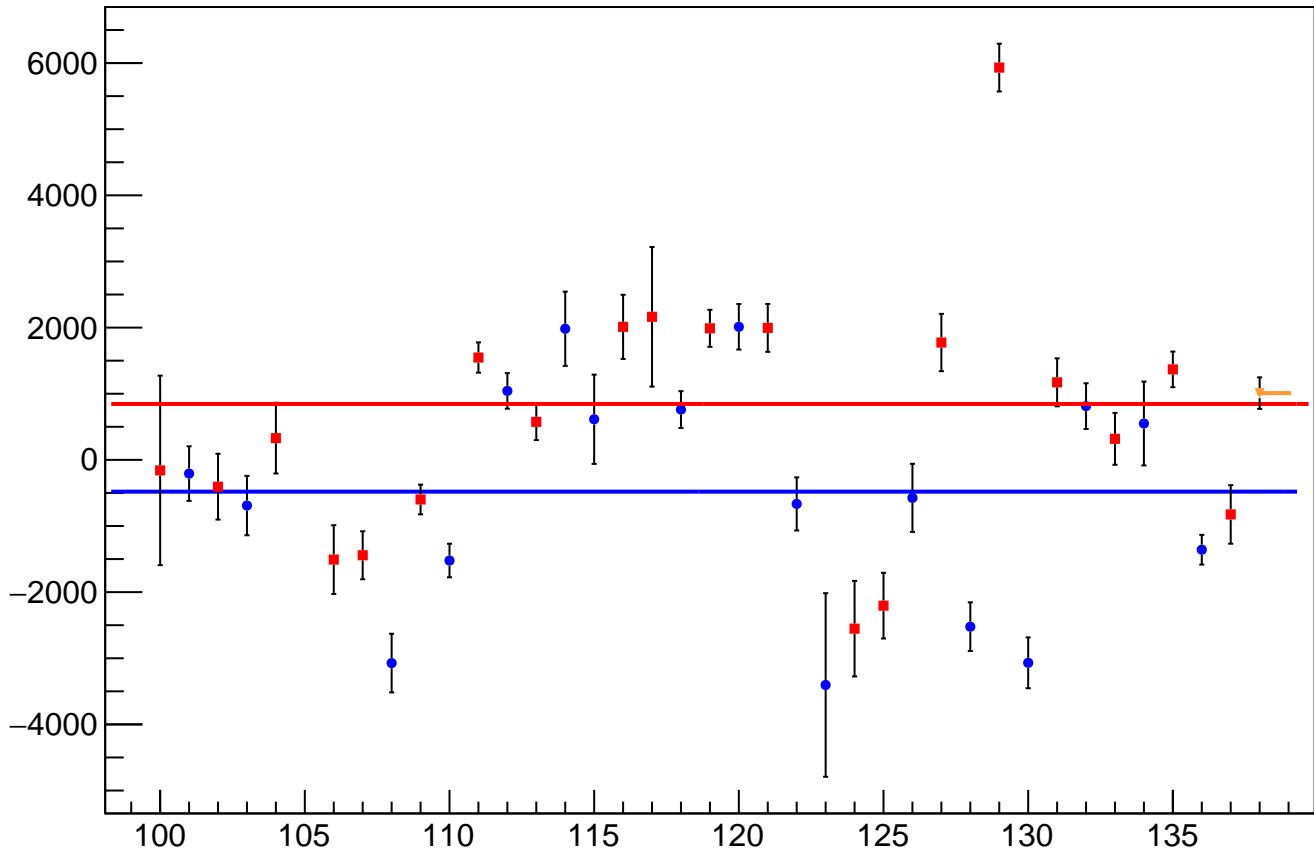
Right Out: 175.058+/-0.049 χ^2/NDF : 1298079.7/19

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

189.315+/-0.051 χ^2/NDF : 980907.1/17

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: 1009.713+/-238.051 χ^2/NDF : 0.0/0

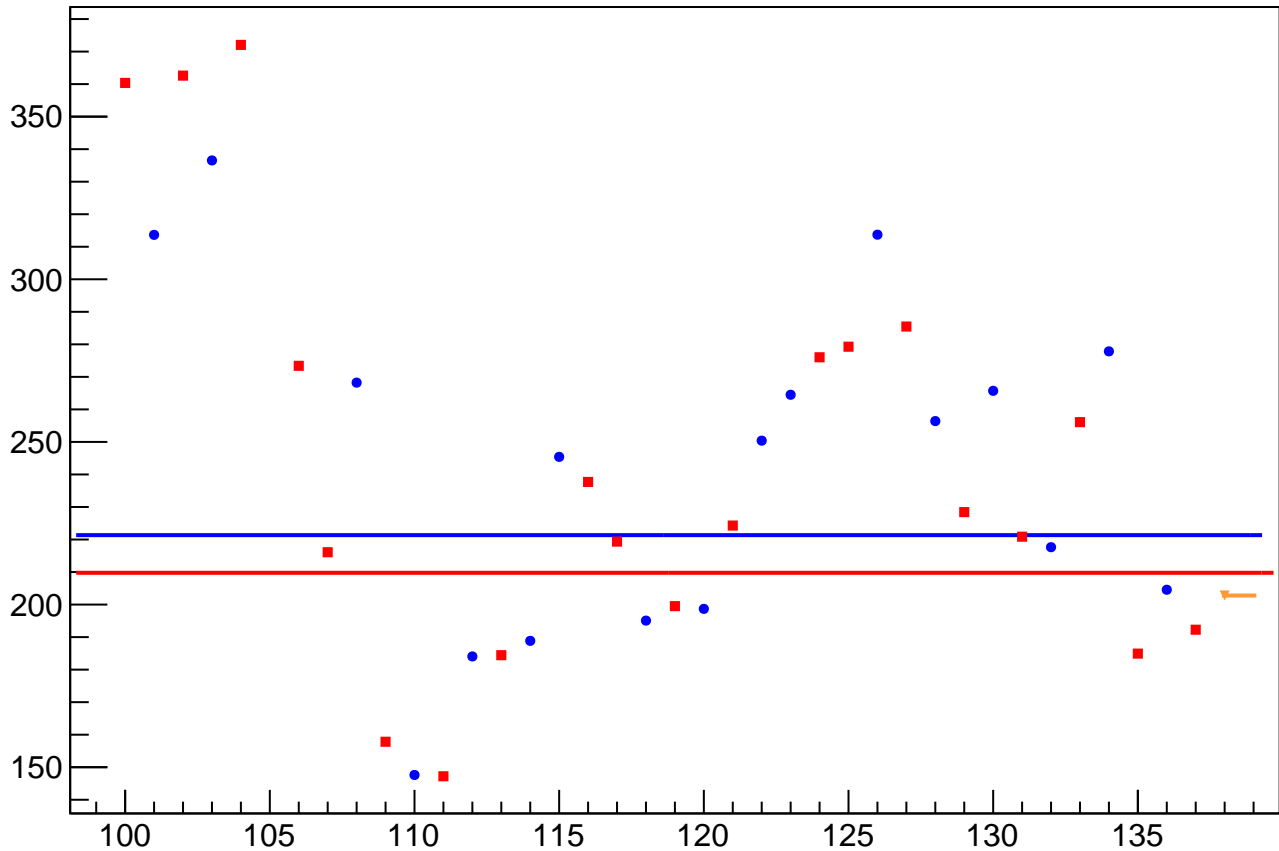
Right Out: 845.444+/-81.995 χ^2/NDF : 436.9/19

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

-299.109+/-83.068 χ^2/NDF : 325.1/17

845.444+/-81.995 χ^2/NDF : 436.9/19

asym_bpm0i07WS_rms vs Slug



Right In: 221.342 \pm 0.063 χ^2 /NDF: 645688.1/16

Left Out: 202.787 \pm 0.168 χ^2 /NDF: 0.0/0

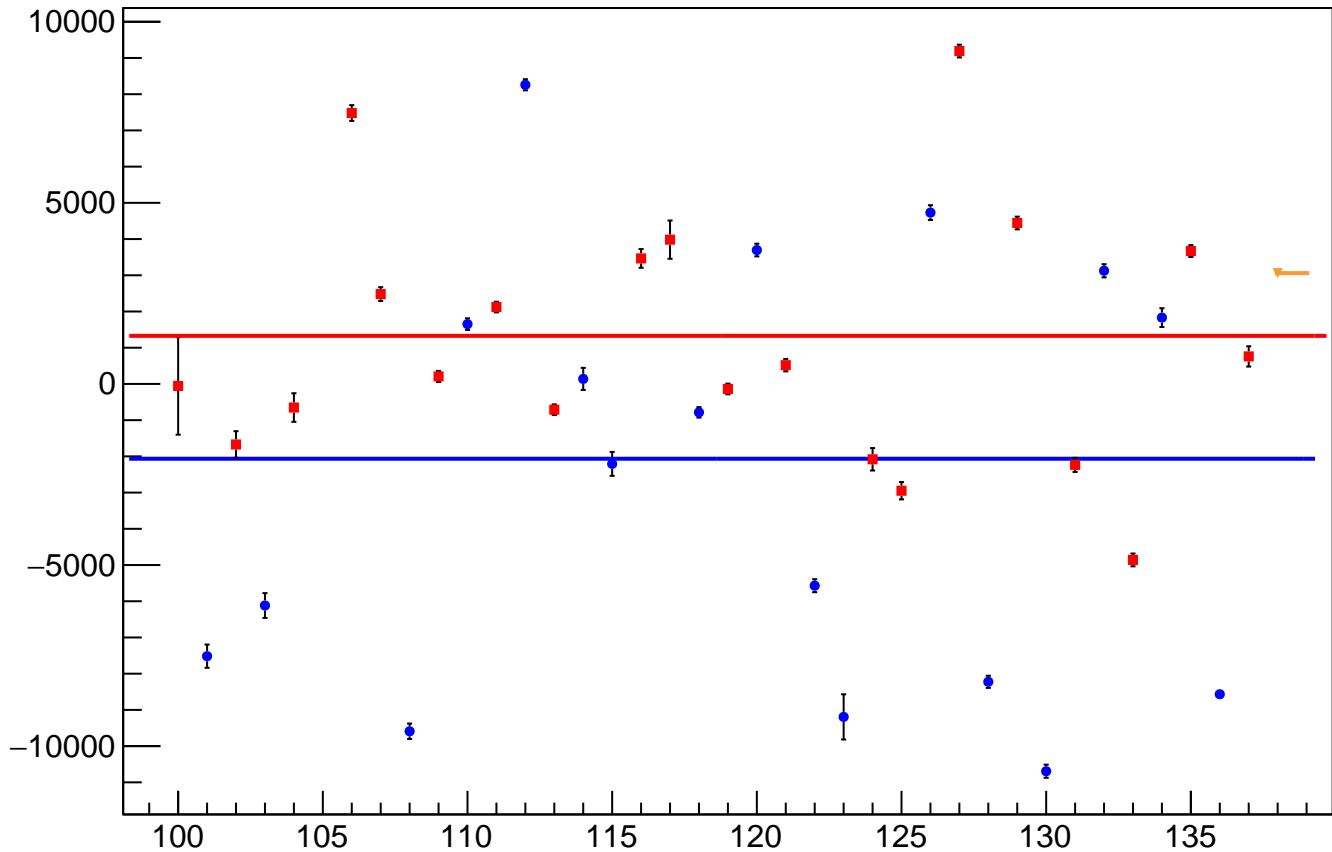
Right Out: 209.775 \pm 0.058 χ^2 /NDF: 884083.7/19

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

219.083 \pm 0.059 χ^2 /NDF: 656359.0/17

209.775 \pm 0.058 χ^2 /NDF: 884083.7/19

asym_bpm1i02WS_mean vs Slug



Right In: -2065.160 ± 47.322 $\chi^2/\text{NDF}: 16533.3/16$

Left Out: 3059.920 ± 129.379 $\chi^2/\text{NDF}: 0.0/0$

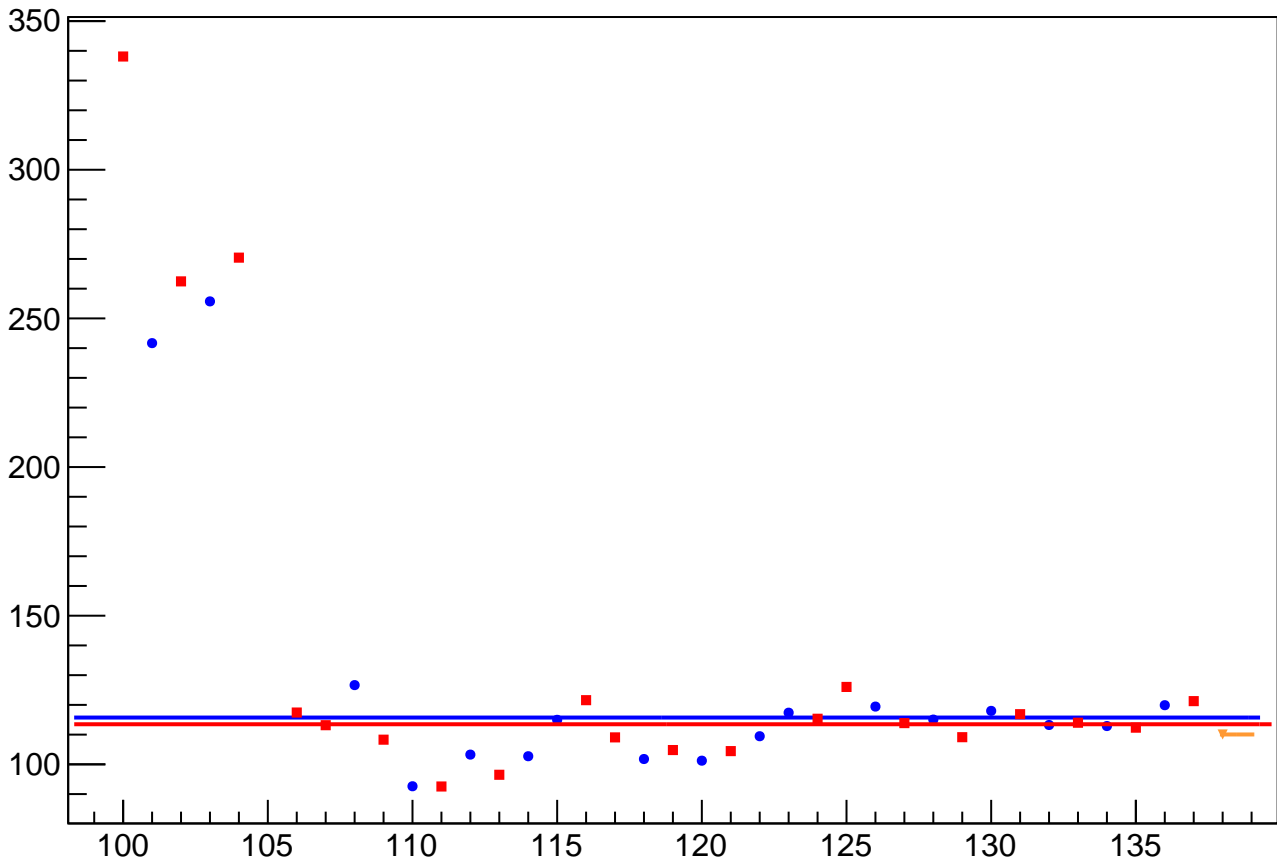
Right Out: 1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

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

-1460.420 ± 44.443 $\chi^2/\text{NDF}: 17917.3/17$

1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

asym_bpm1i02WS_rms vs Slug



Right In: 115.741+/-0.033 χ^2/NDF : 744017.7/16

Left Out: 110.051+/-0.091 χ^2/NDF : 0.0/0

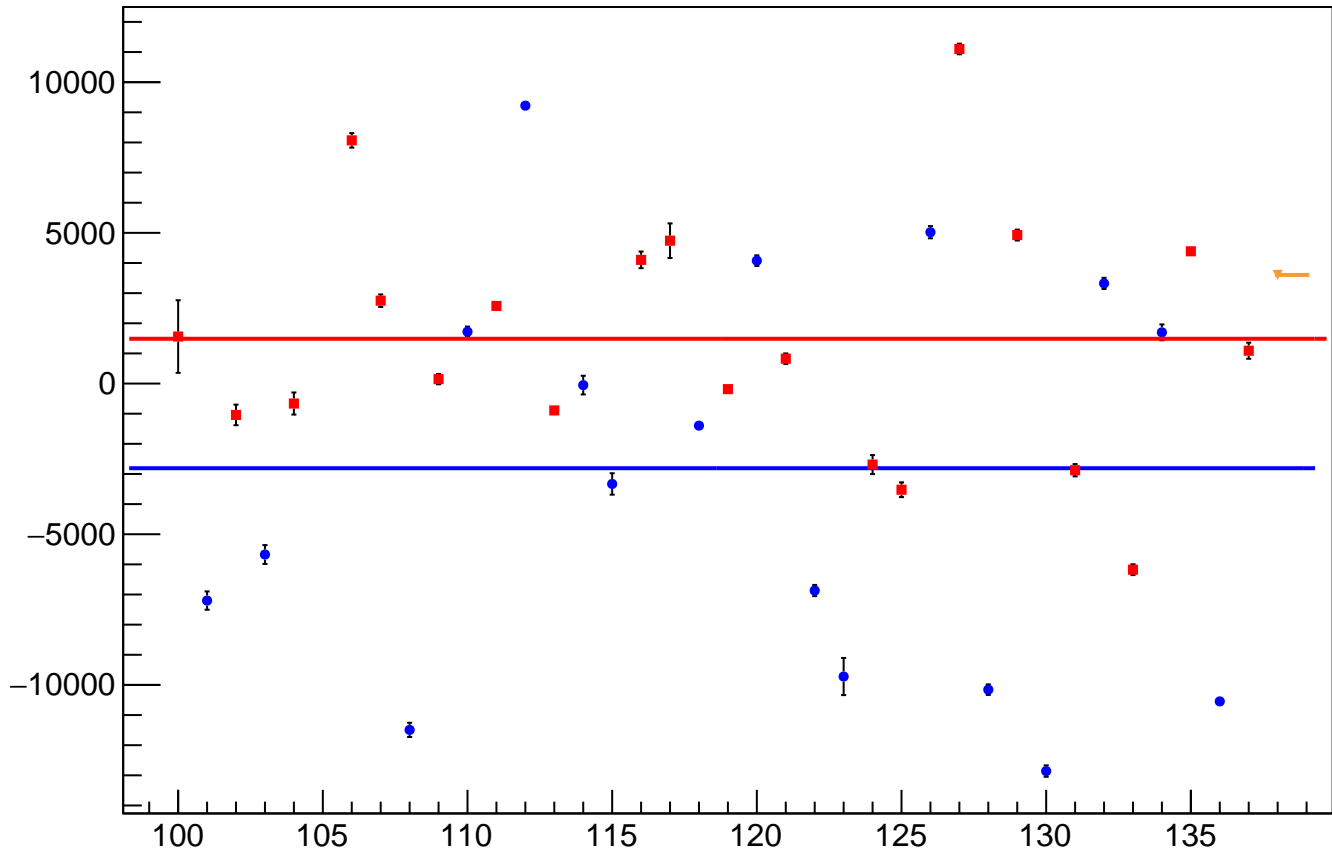
Right Out: 113.487+/-0.032 χ^2/NDF : 796781.7/19

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

115.069+/-0.031 χ^2/NDF : 747429.5/17

113.487+/-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: 3603.660+/-140.015 χ^2 /NDF:0.0/0

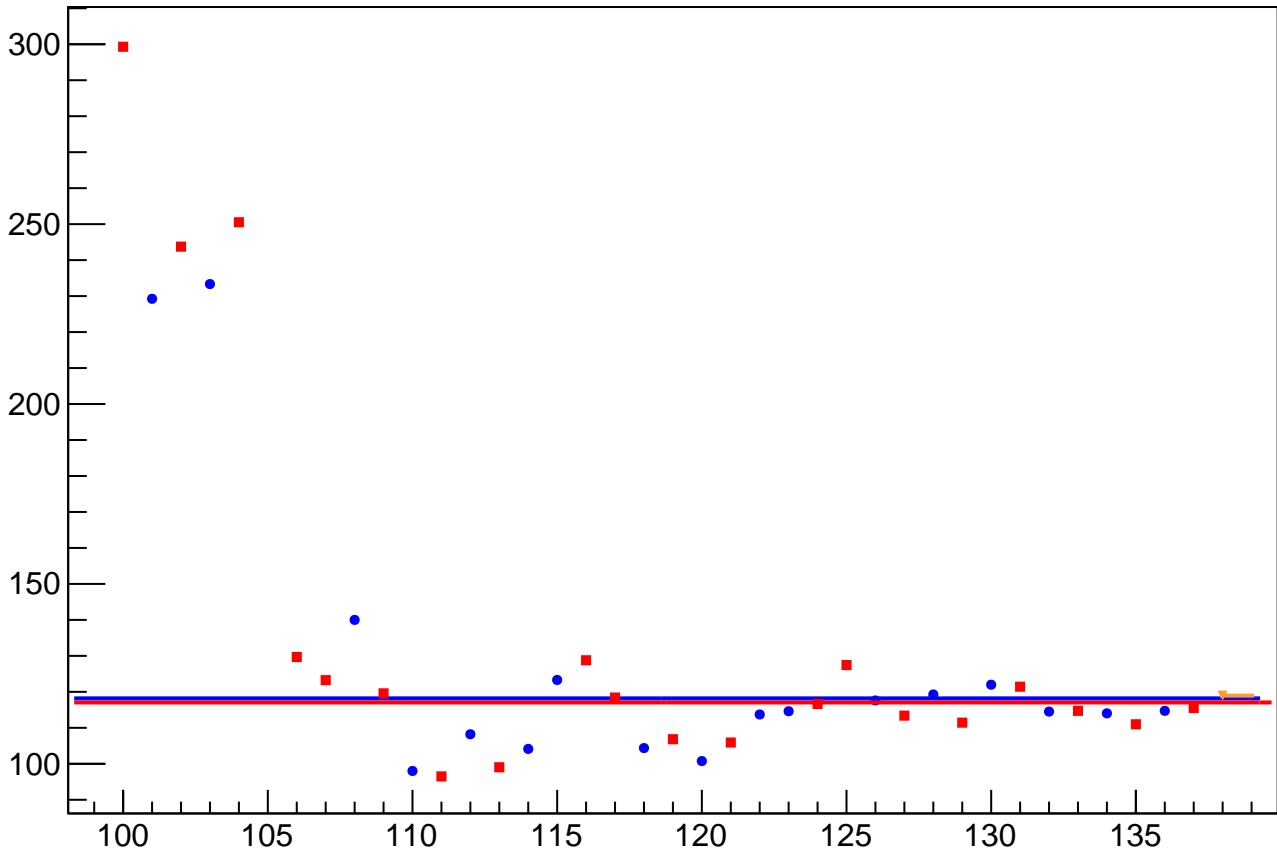
Right Out: 1486.369+/-46.243 χ^2 /NDF: 8037.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2127.531+/-45.646 χ^2 /NDF: 23137.9/17

1486.369+/-46.243 χ^2 /NDF: 8037.1/19

asym_bpm2i01WS_rms vs Slug



Right In: 118.188+/-0.034 χ^2/NDF : 636252.0/16

118.269+/-0.032 χ^2/NDF : 636304.5/17

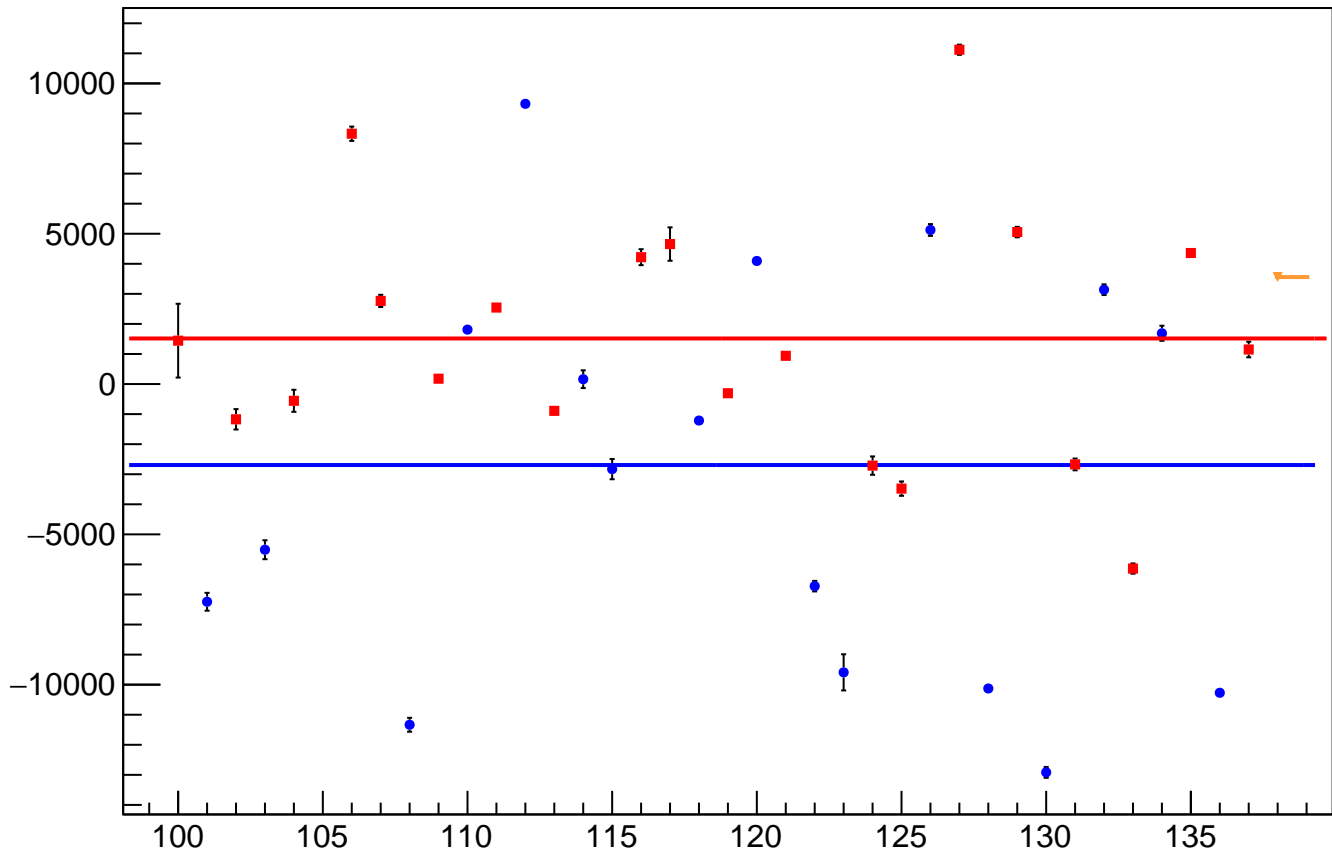
Left Out: 118.947+/-0.099 χ^2/NDF : 0.0/0

Right Out: 117.054+/-0.033 χ^2/NDF : 690646.8/19

117.054+/-0.033 χ^2/NDF : 690646.8/19

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

asym_bpm2i02WS_mean vs Slug



Right In: -2694.260 ± 46.347 $\chi^2/\text{NDF}: 22860.3/16$

Left Out: 3558.767 ± 134.864 $\chi^2/\text{NDF}: 0.0/0$

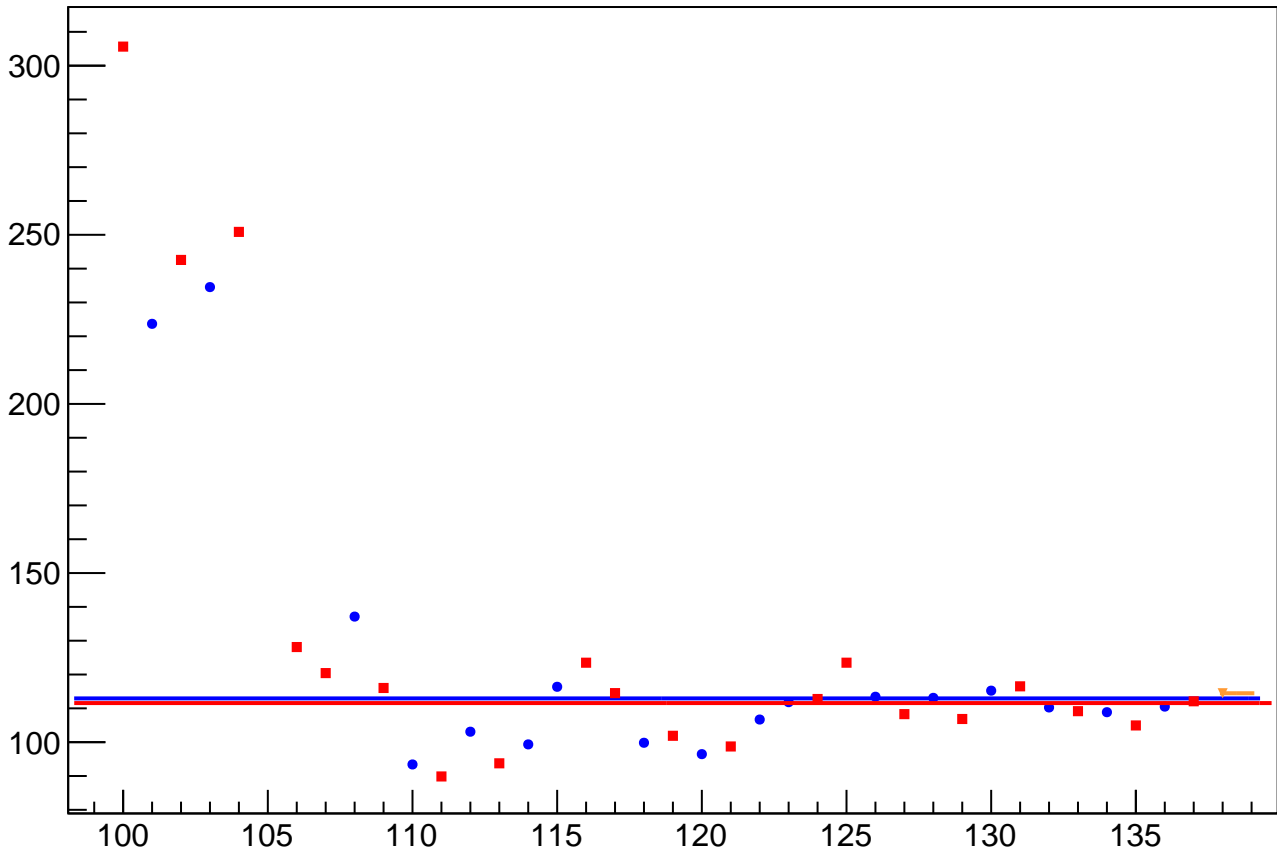
Right Out: 1515.863 ± 44.303 $\chi^2/\text{NDF}: 8749.3/19$

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

-2033.777 ± 43.831 $\chi^2/\text{NDF}: 24783.0/17$

1515.863 ± 44.303 $\chi^2/\text{NDF}: 8749.3/19$

asym_bpm2i02WS_rms vs Slug



Right In: 112.940 \pm 0.033 χ^2 /NDF: 680283.1/16

Left Out: 114.464 \pm 0.095 χ^2 /NDF:0.0/0

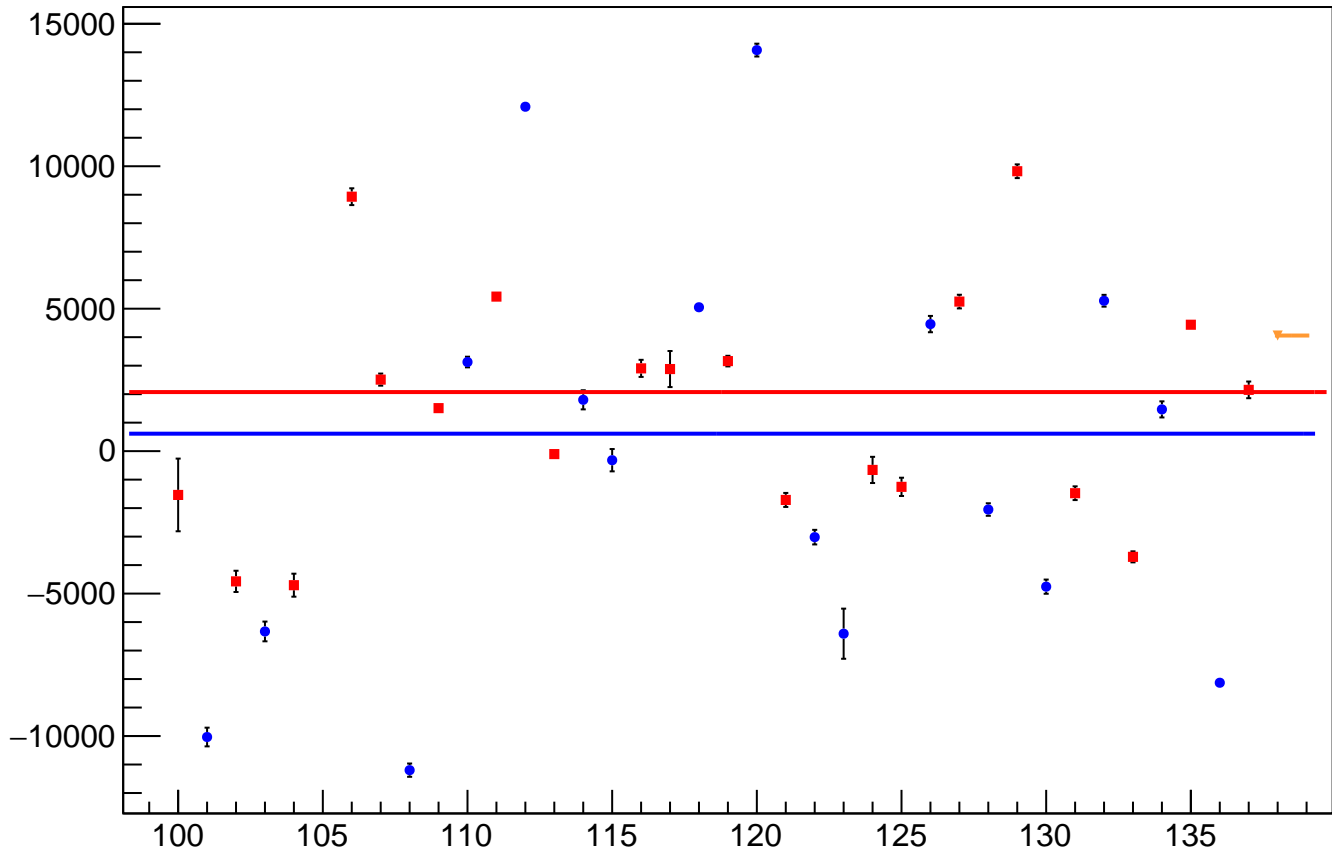
Right Out: 111.562 \pm 0.031 χ^2 /NDF: 765559.1/19

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

113.101 \pm 0.031 χ^2 /NDF: 680511.3/17

111.562 \pm 0.031 χ^2 /NDF: 765559.1/19

asym_bpm0i01WS_mean vs Slug



Right In: 612.621+/-56.062 χ^2 /NDF: 18243.4/16

Left Out: 4057.872+/-158.923 χ^2 /NDF: 0.0/0

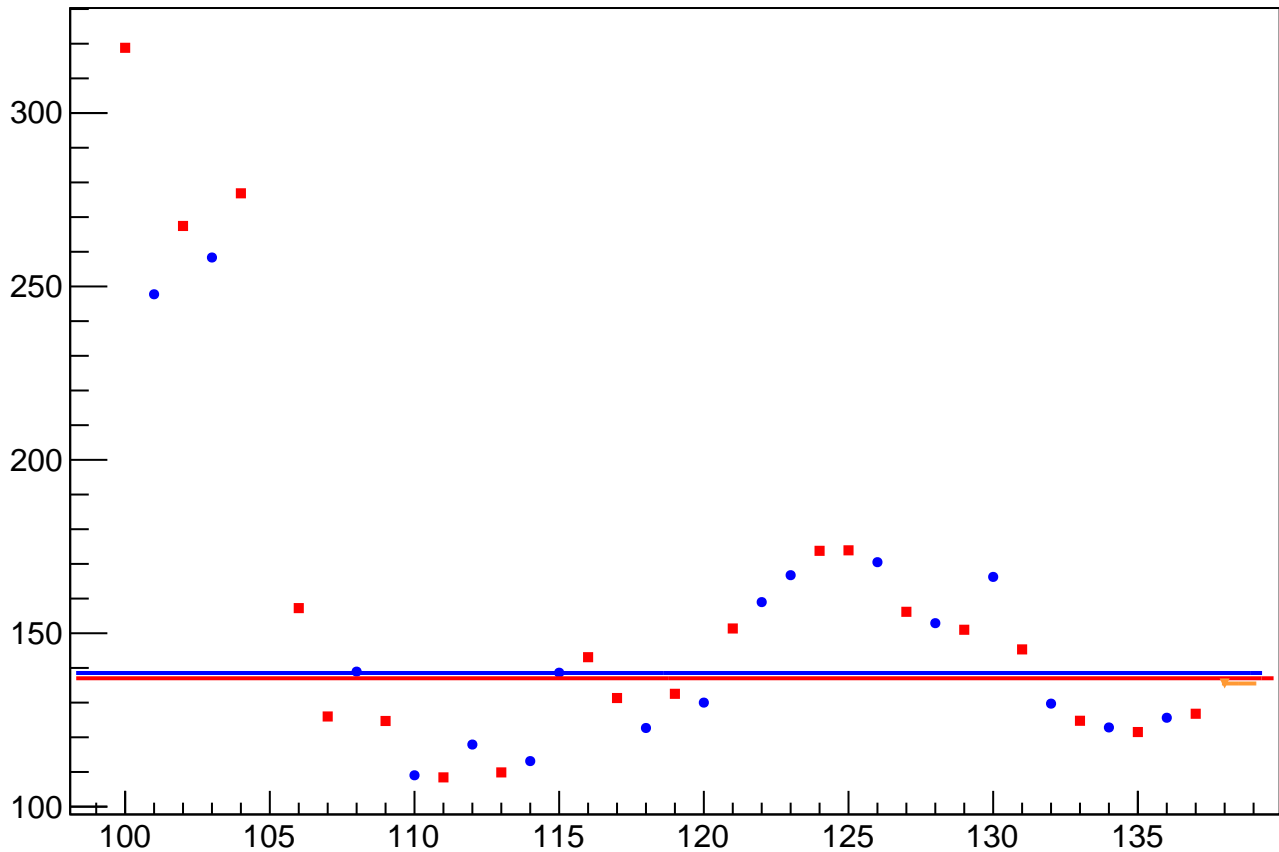
Right Out: 2073.278+/-53.736 χ^2 /NDF: 4644.3/19

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

993.902+/-52.869 χ^2 /NDF: 18661.3/17

2073.278+/-53.736 χ^2 /NDF: 4644.3/19

asym_bpm0i01WS_rms vs Slug



Right In: 138.542 \pm 0.040 χ^2 /NDF: 668941.7/16

Left Out: 135.514 \pm 0.112 χ^2 /NDF: 0.0/0

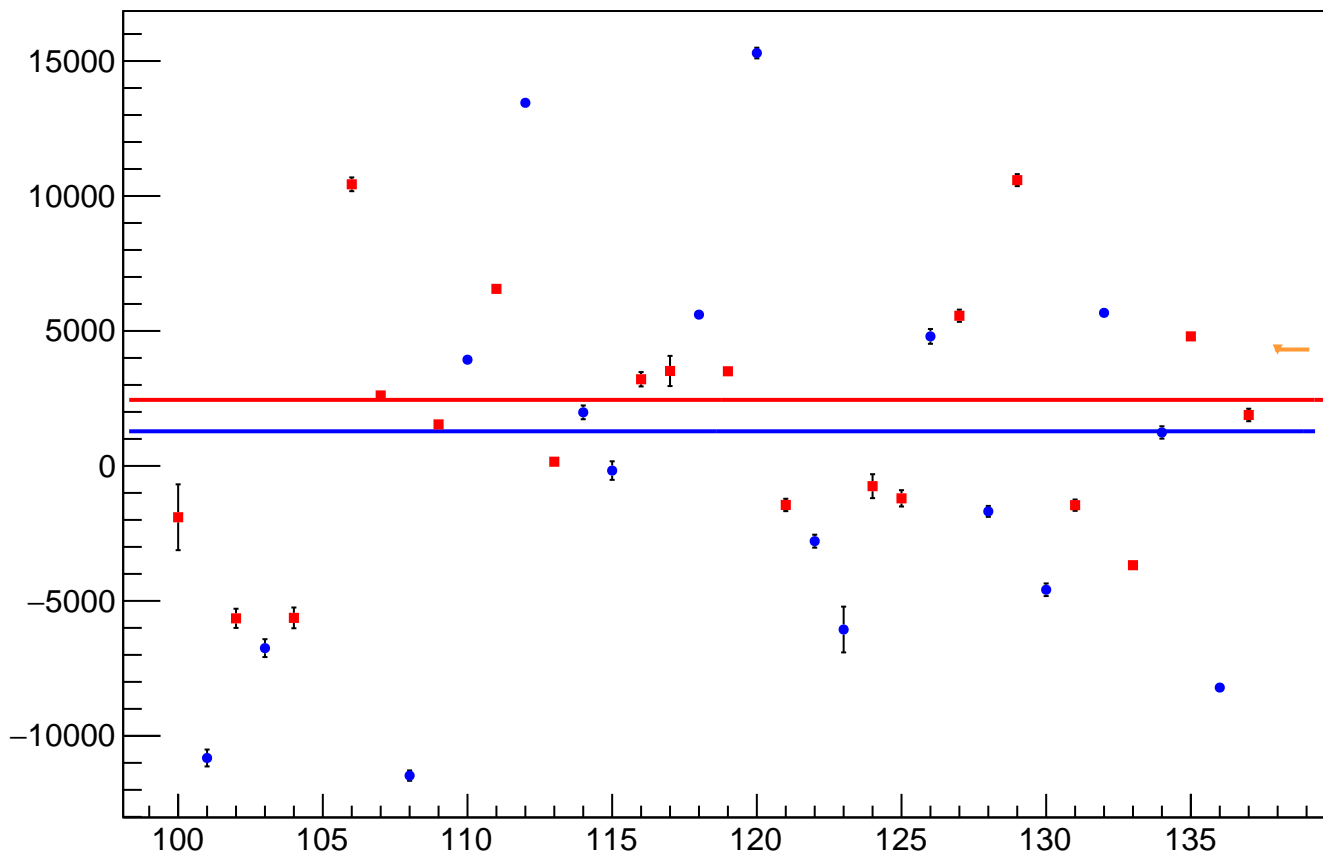
Right Out: 137.019 \pm 0.038 χ^2 /NDF: 755655.0/19

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

138.207 \pm 0.037 χ^2 /NDF: 669587.4/17

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: 4312.002+/-136.445 χ^2 /NDF:0.0/0

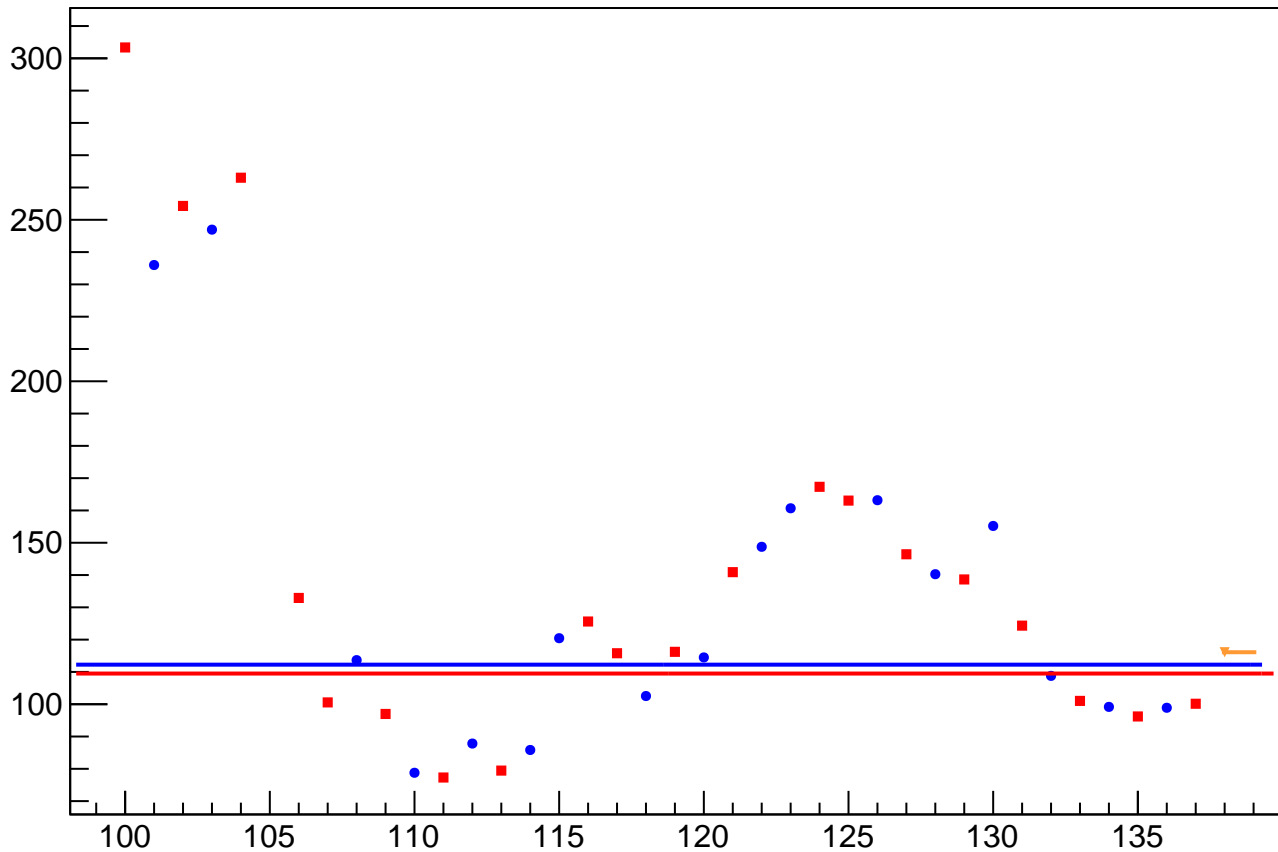
Right Out: 2446.970+/-44.148 χ^2 /NDF: 7681.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1599.047+/-44.075 χ^2 /NDF: 30982.2/17

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: 116.103+/-0.096 χ^2/NDF :0.0/0

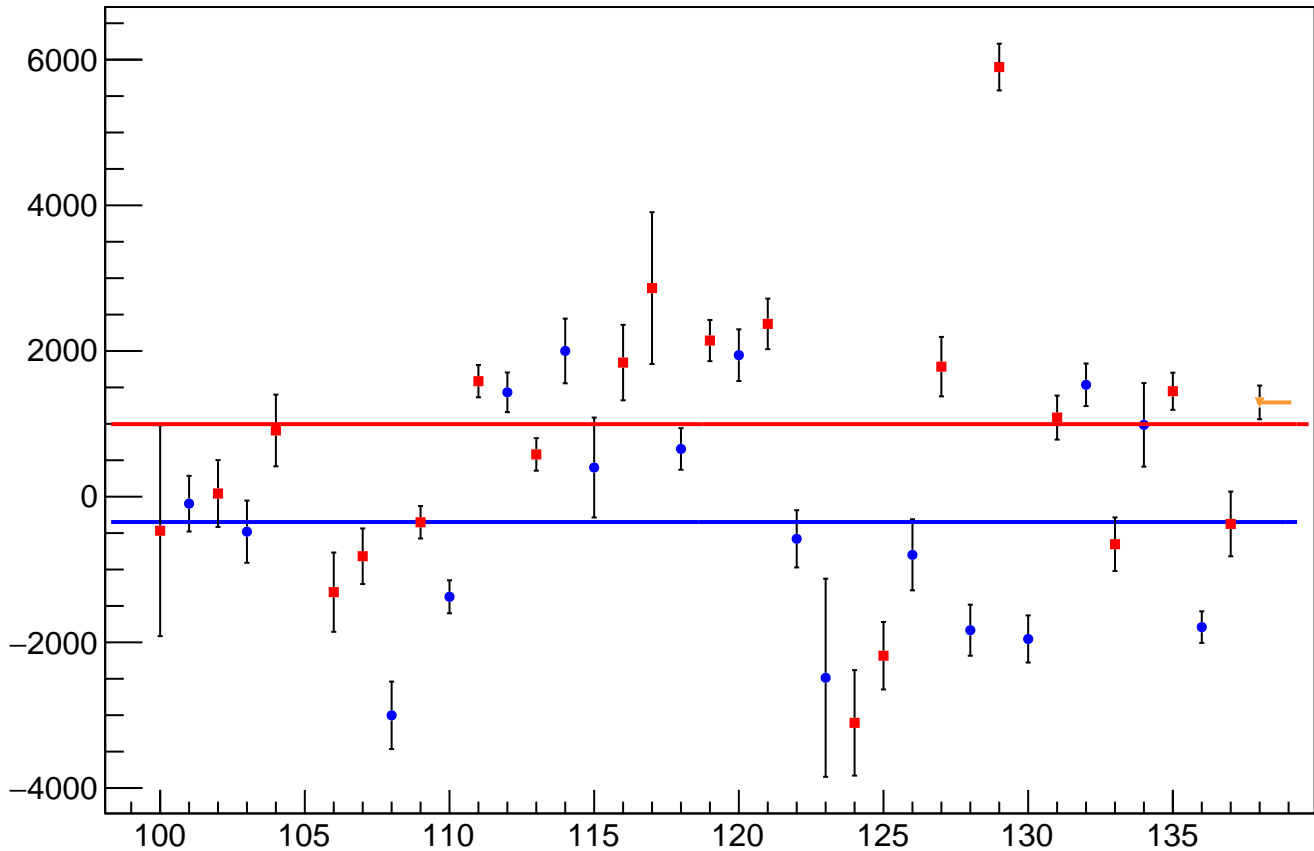
112.653+/-0.031 χ^2/NDF : 1126965.2/17

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: 1294.149+/-231.329 χ^2/NDF : 0.0/0

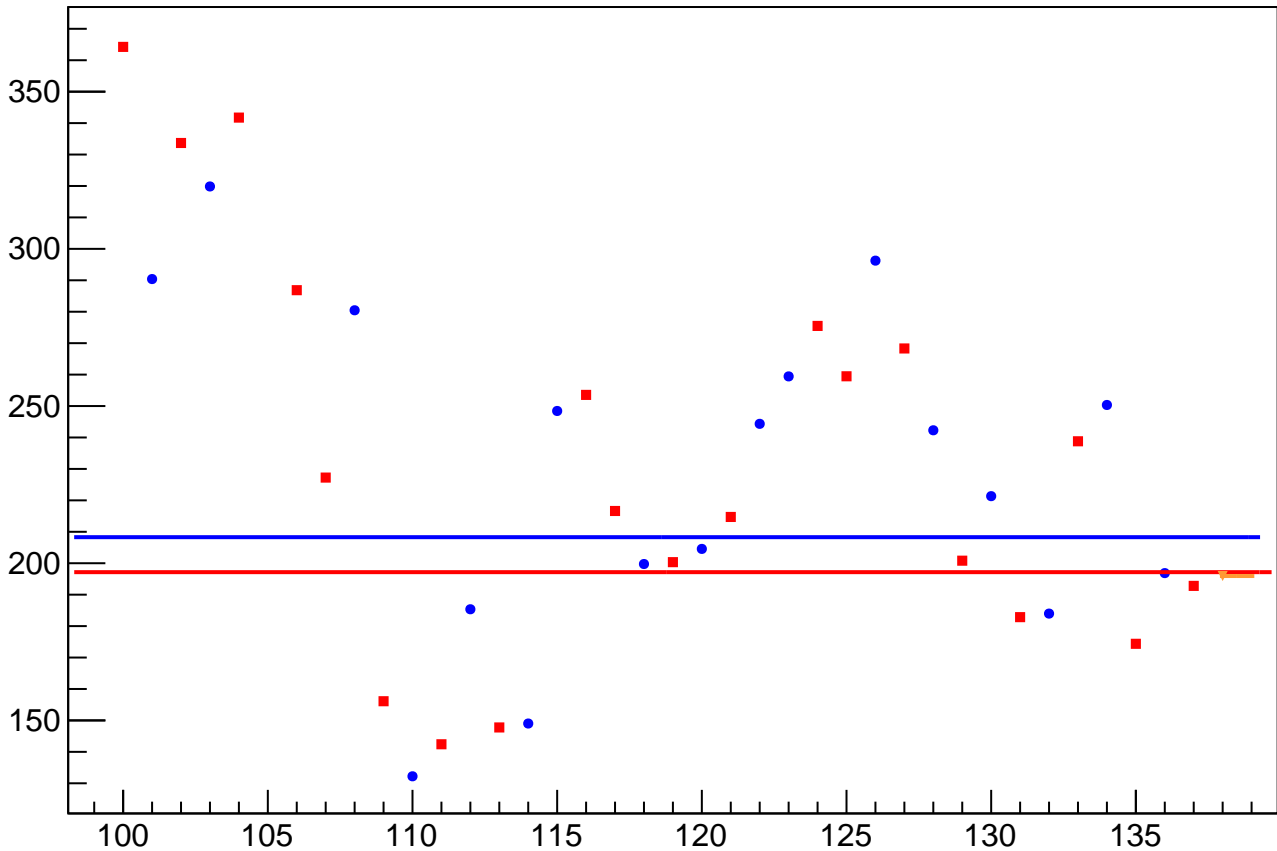
Right Out: 995.622+/-77.468 χ^2/NDF : 479.8/19

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

-157.446+/-78.812 χ^2/NDF : 361.8/17

995.622+/-77.468 χ^2/NDF : 479.8/19

asym_bpm0l01WS_rms vs Slug



Right In: 208.288 \pm 0.059 χ^2 /NDF: 698491.0/16

Left Out: 195.931 \pm 0.164 χ^2 /NDF: 0.0/0

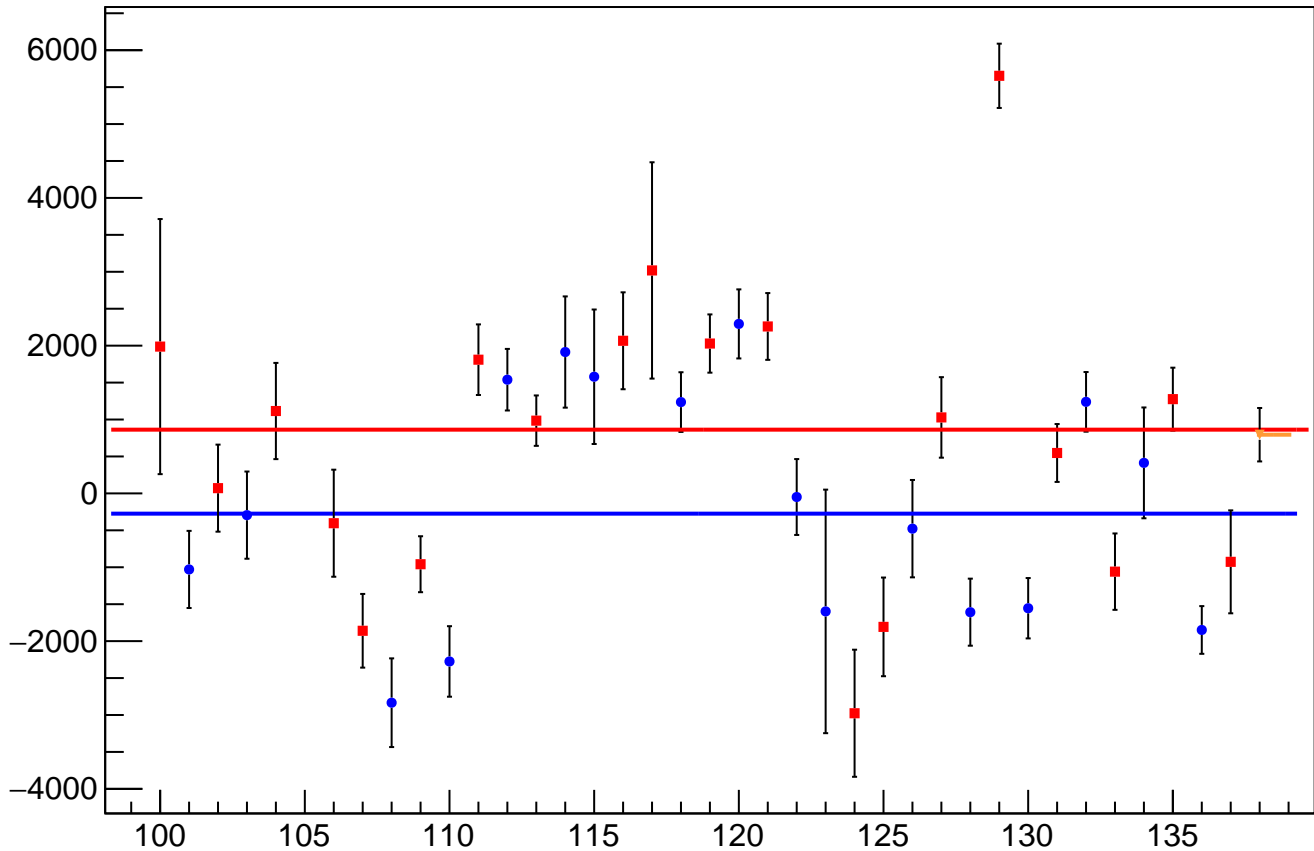
Right Out: 197.159 \pm 0.055 χ^2 /NDF: 927487.8/19

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

206.853 \pm 0.056 χ^2 /NDF: 703535.4/17

197.159 \pm 0.055 χ^2 /NDF: 927487.8/19

asym_bpm0l02WS_mean vs Slug



Right In: -274.260 ± 121.326 $\chi^2/\text{NDF}: 171.6/16$

Left Out: 794.439 ± 361.733 $\chi^2/\text{NDF}: 0.0/0$

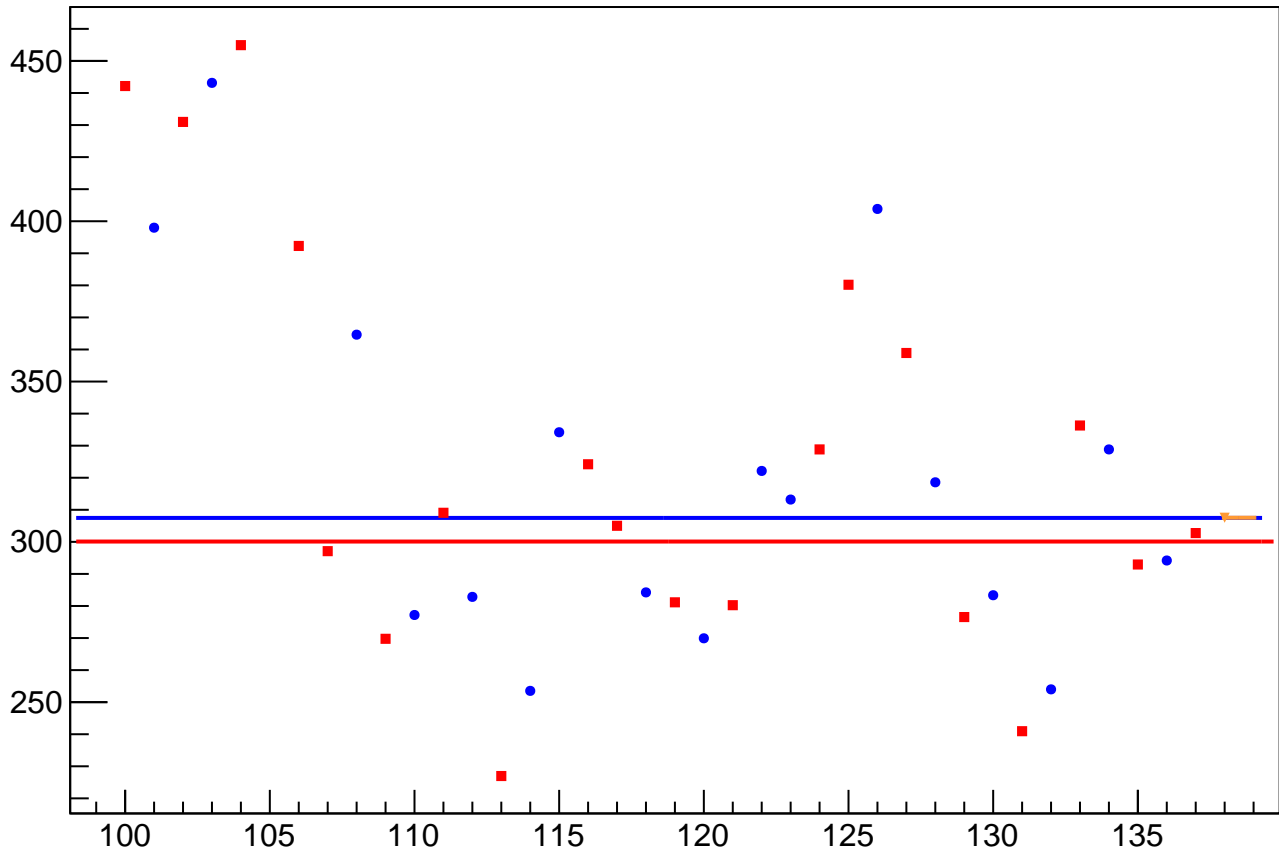
Right Out: 862.791 ± 114.993 $\chi^2/\text{NDF}: 265.4/19$

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

-166.194 ± 115.028 $\chi^2/\text{NDF}: 179.4/17$

862.791 ± 114.993 $\chi^2/\text{NDF}: 265.4/19$

asym_bpm0l02WS_rms vs Slug



Right In: 307.468+/-0.086 χ^2 /NDF: 323096.7/16

Left Out: 307.528+/-0.256 χ^2 /NDF:0.0/0

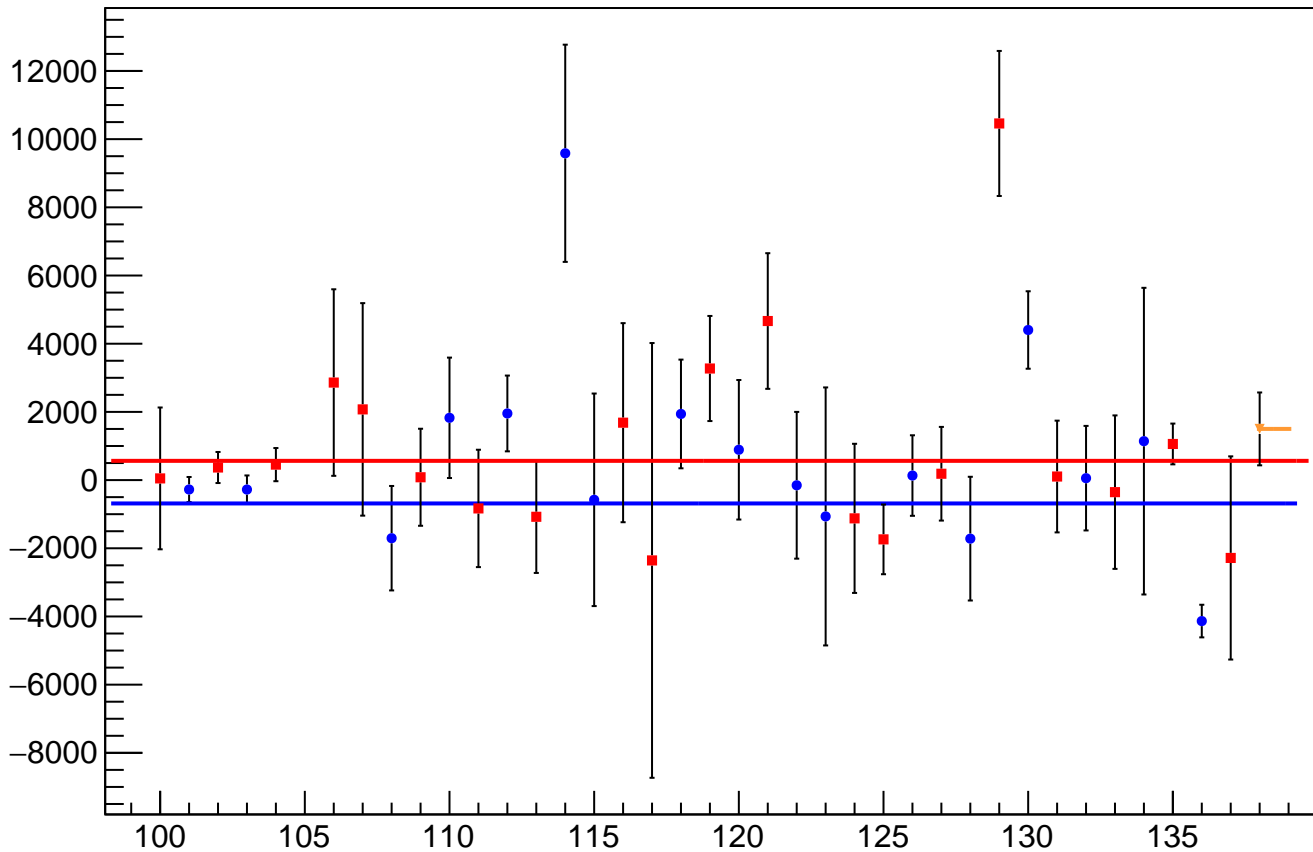
307.474+/-0.081 χ^2 /NDF: 323096.7/17

Right Out: 300.100+/-0.081 χ^2 /NDF: 490421.6/19

300.100+/-0.081 χ^2 /NDF: 490421.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -685.056+/-210.341 χ^2 /NDF: 97.4/16

Left Out: 1501.288+/-1068.486 χ^2 /NDF:0.0/0

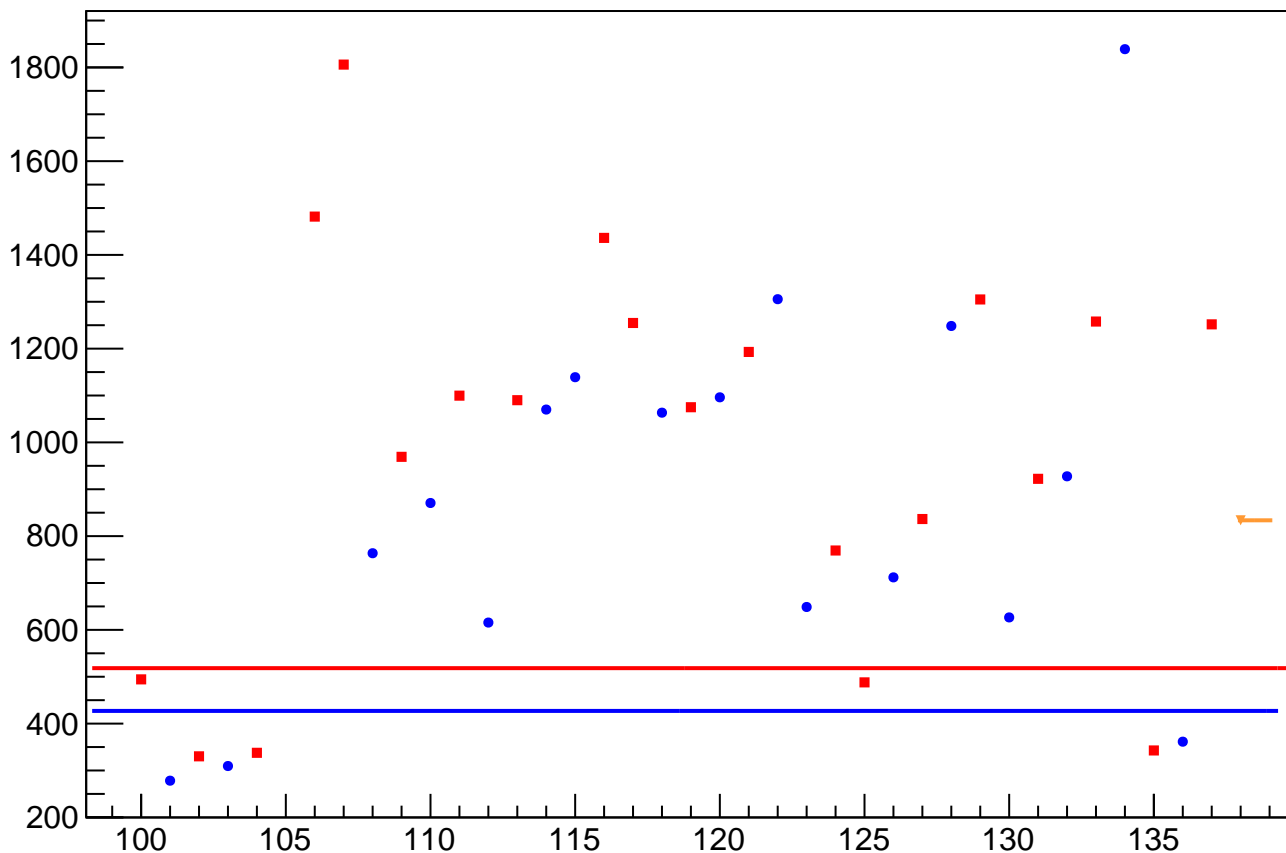
Right Out: 564.400+/-243.074 χ^2 /NDF: 39.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-603.489+/-206.380 χ^2 /NDF: 101.4/17

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: 833.735+/-0.756 χ^2 /NDF:0.0/0

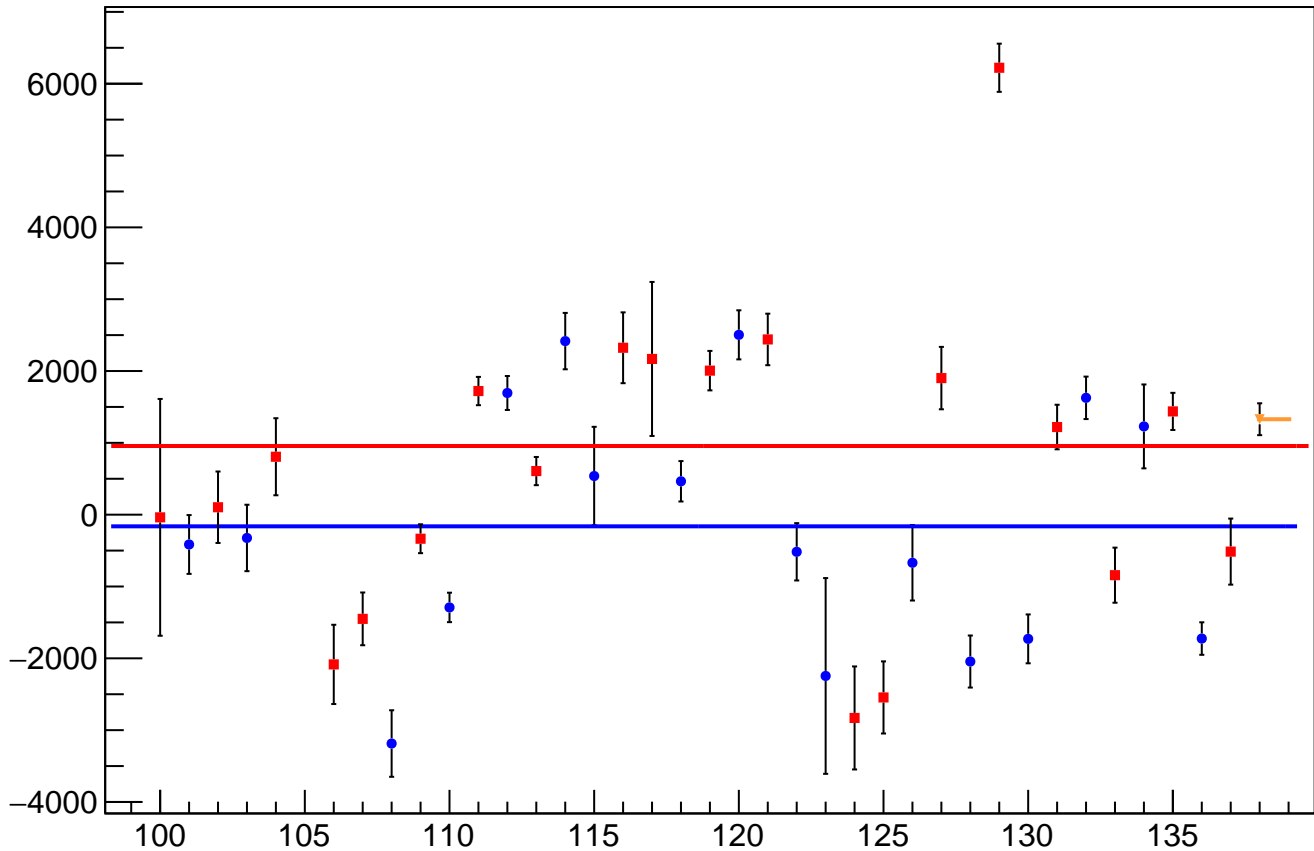
442.251+/-0.146 χ^2 /NDF: 3144568.6/17

Right Out: 518.306+/-0.172 χ^2 /NDF: 3631833.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

518.306+/-0.172 χ^2 /NDF: 3631833.9/19

asym_bpm0l04WS_mean vs Slug



Right In: -162.333 ± 82.350 $\chi^2/\text{NDF}: 387.6/16$

Left Out: 1328.941 ± 221.860 $\chi^2/\text{NDF}: 0.0/0$

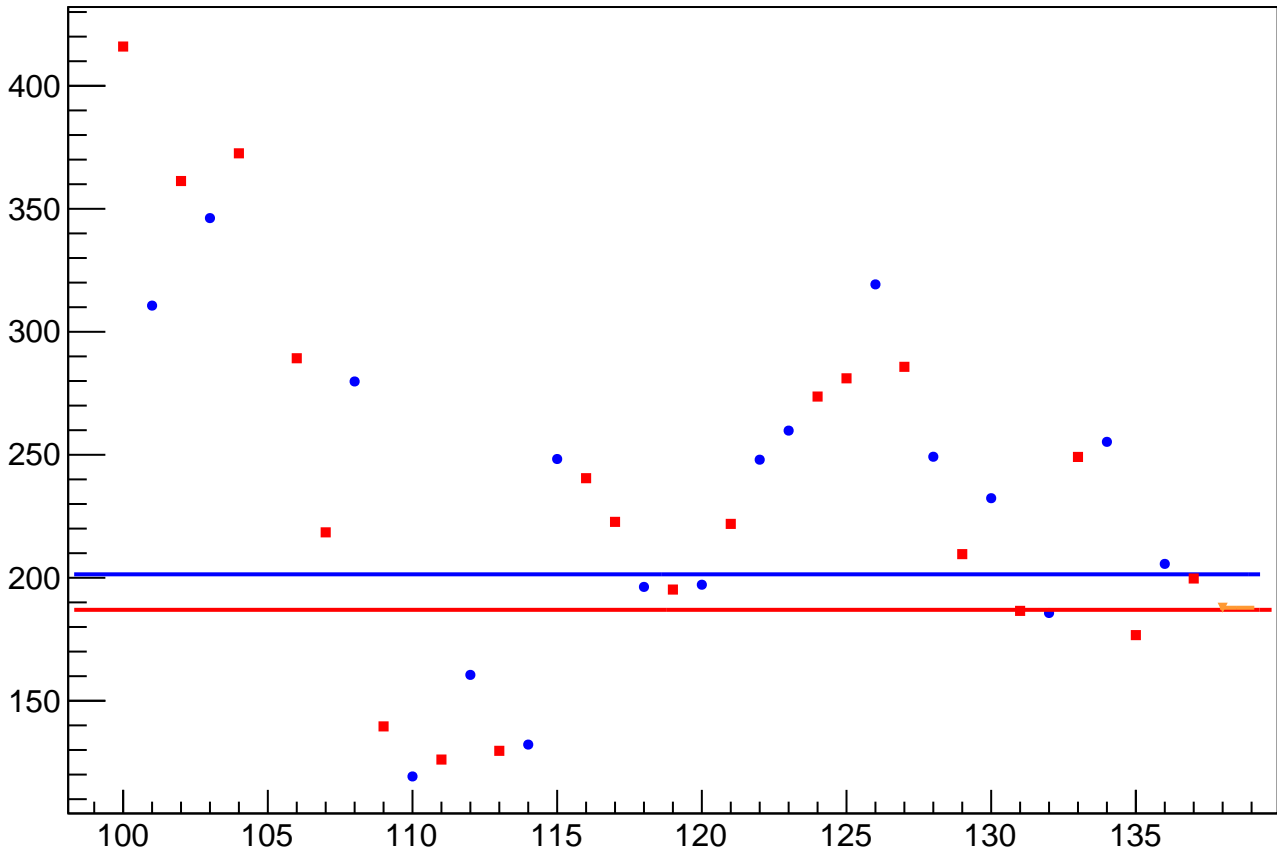
Right Out: 956.044 ± 74.949 $\chi^2/\text{NDF}: 541.1/19$

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

18.248 ± 77.203 $\chi^2/\text{NDF}: 427.3/17$

956.044 ± 74.949 $\chi^2/\text{NDF}: 541.1/19$

asym_bpm0l04WS_rms vs Slug



Right In: 201.409+/-0.058 χ^2/NDF : 1056022.1/16

199.764+/-0.055 χ^2/NDF : 1062612.2/17

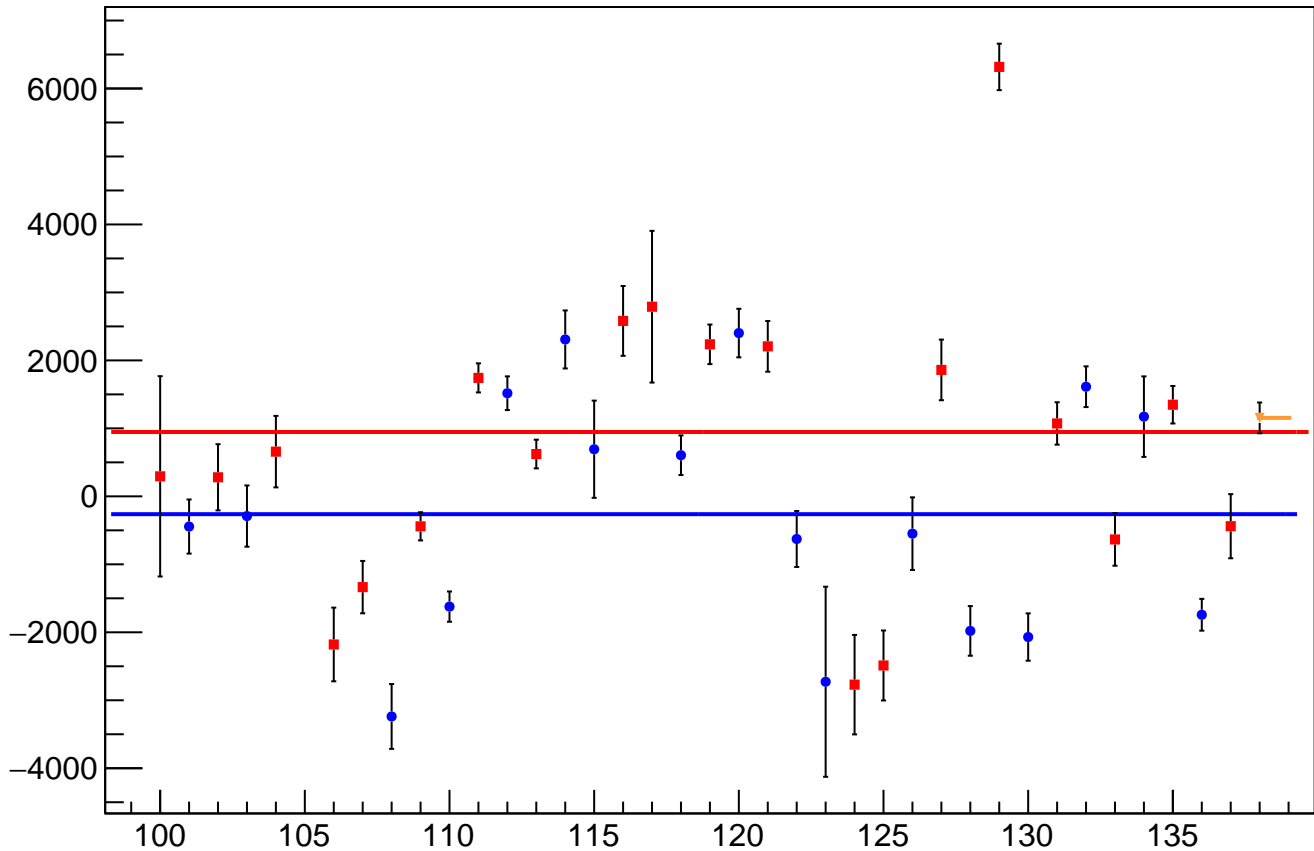
Left Out: 187.825+/-0.157 χ^2/NDF : 0.0/0

Right Out: 186.973+/-0.053 χ^2/NDF : 1395397.8/19

186.973+/-0.053 χ^2/NDF : 1395397.8/19

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

asym_bpm0l05WS_mean vs Slug



Right In: -262.324+/-85.433 χ^2 /NDF: 368.7/16

Left Out: 1154.157+/-226.503 χ^2 /NDF: 0.0/0

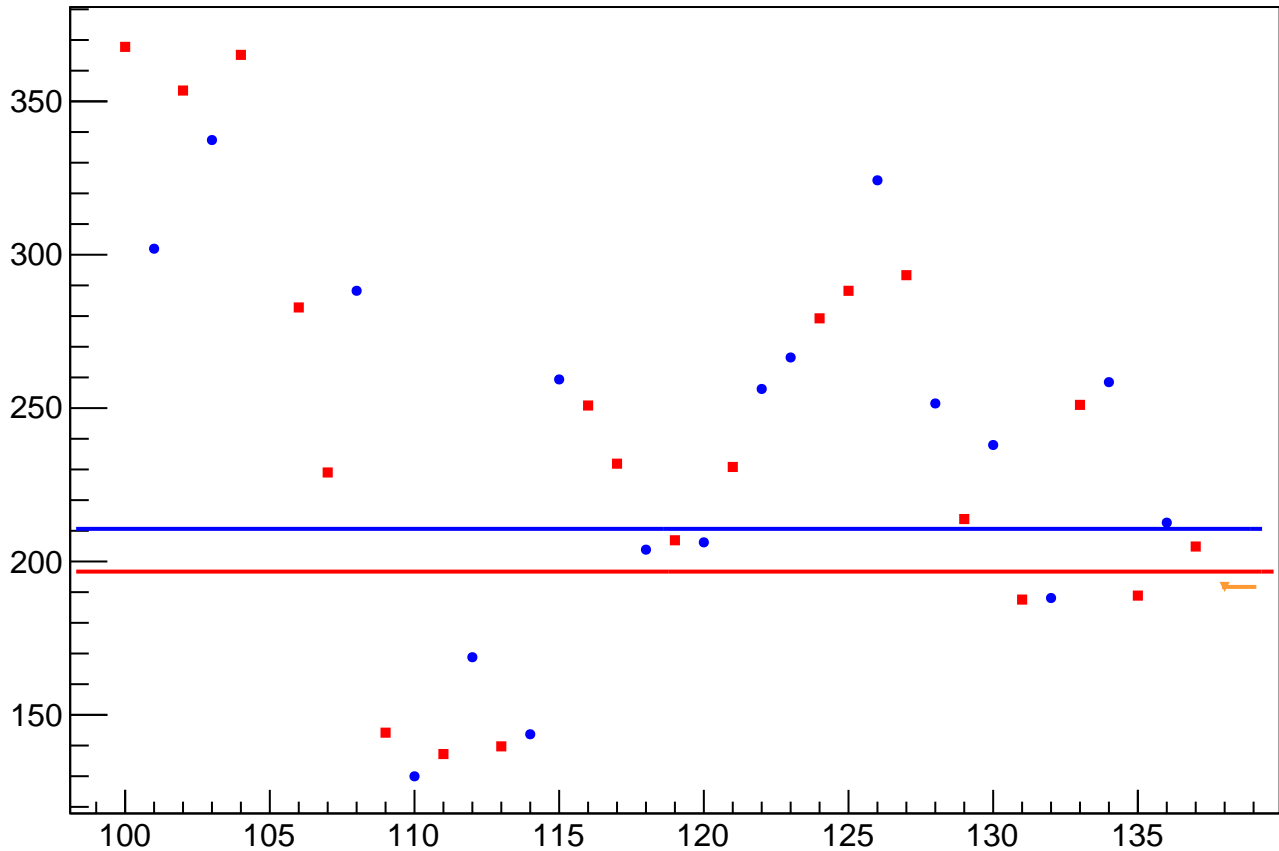
Right Out: 946.785+/-78.241 χ^2 /NDF: 524.6/19

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

-85.903+/-79.936 χ^2 /NDF: 402.9/17

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: 191.706+/-0.160 χ^2/NDF : 0.0/0

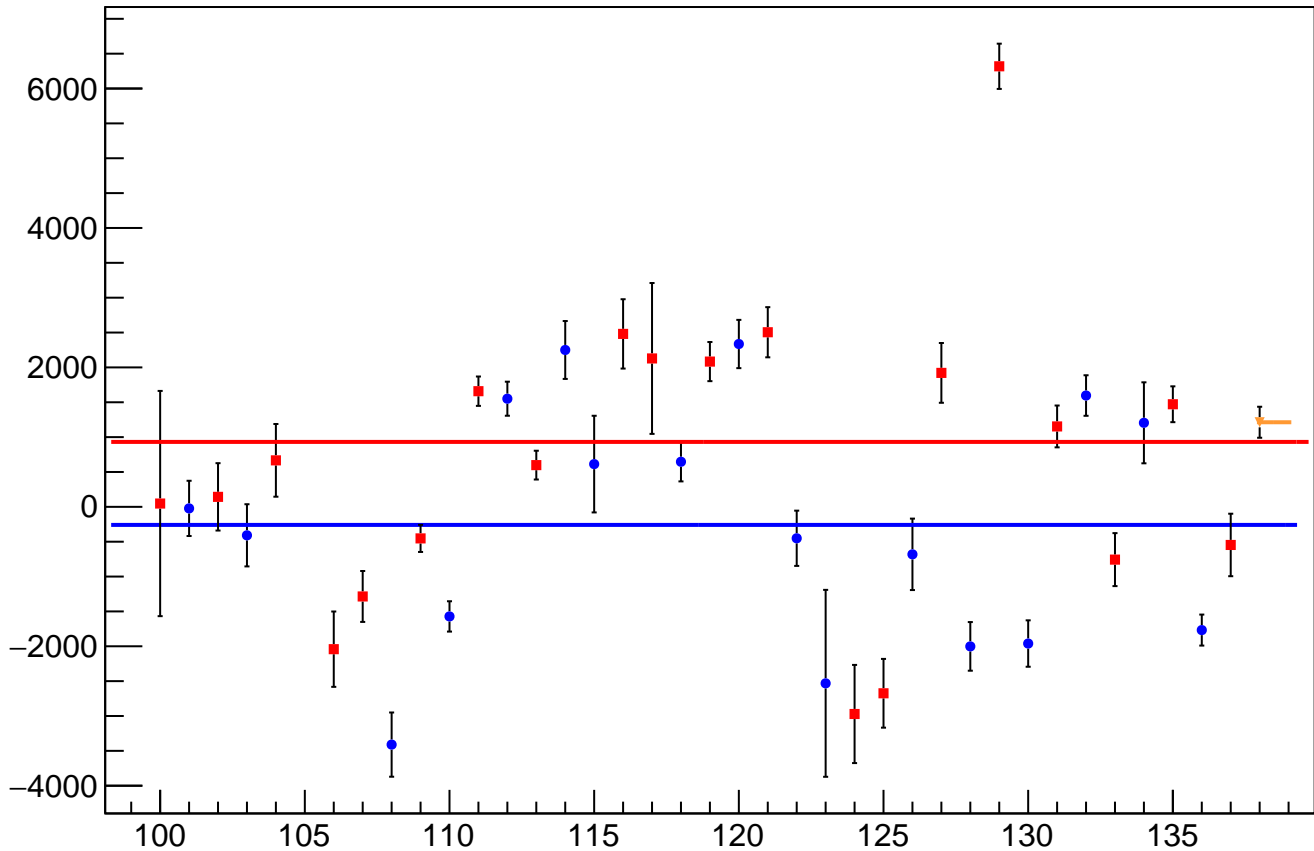
208.278+/-0.057 χ^2/NDF : 888005.8/17

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: 1213.258+/-222.431 χ^2 /NDF:0.0/0

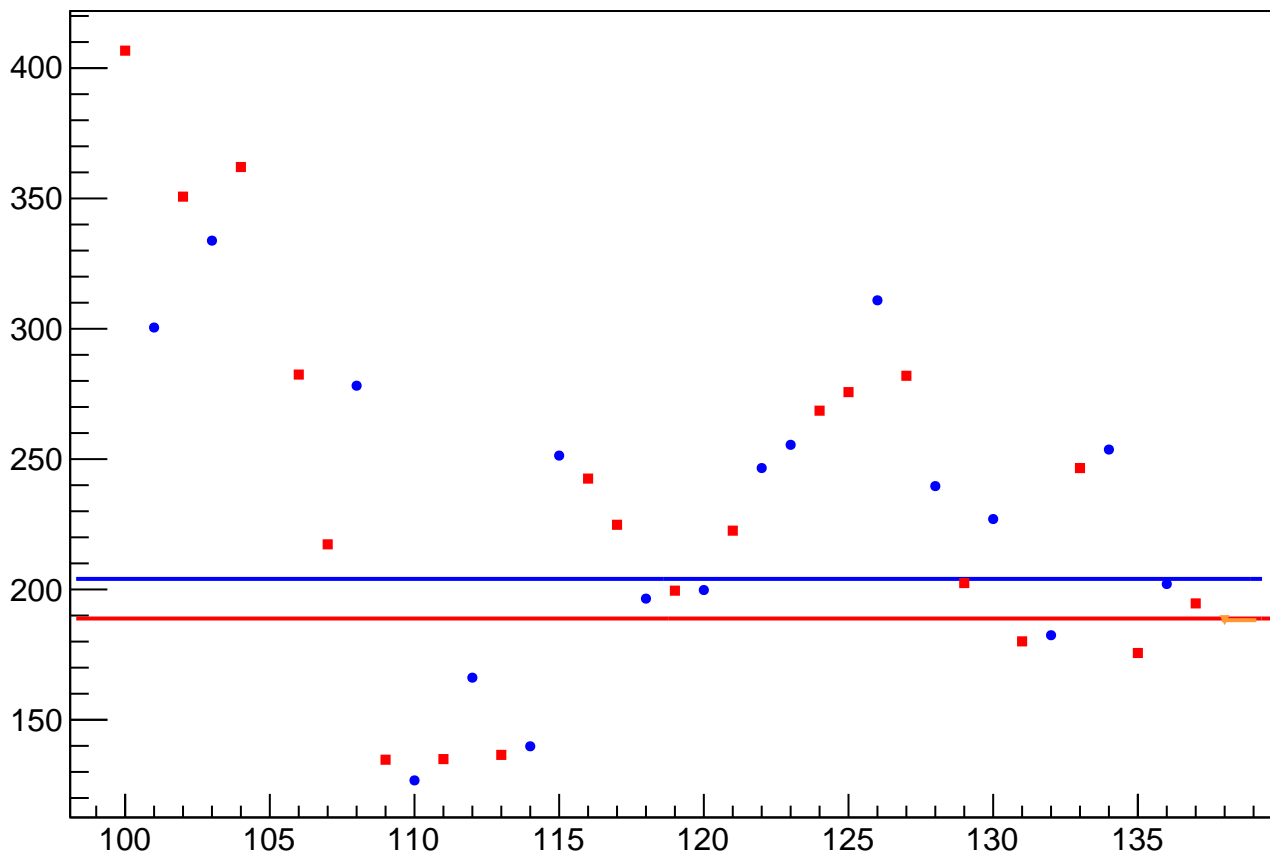
Right Out: 931.363+/-75.320 χ^2 /NDF: 583.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-79.934+/-77.600 χ^2 /NDF: 429.7/17

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: 188.207+/-0.157 χ^2/NDF : 0.0/0

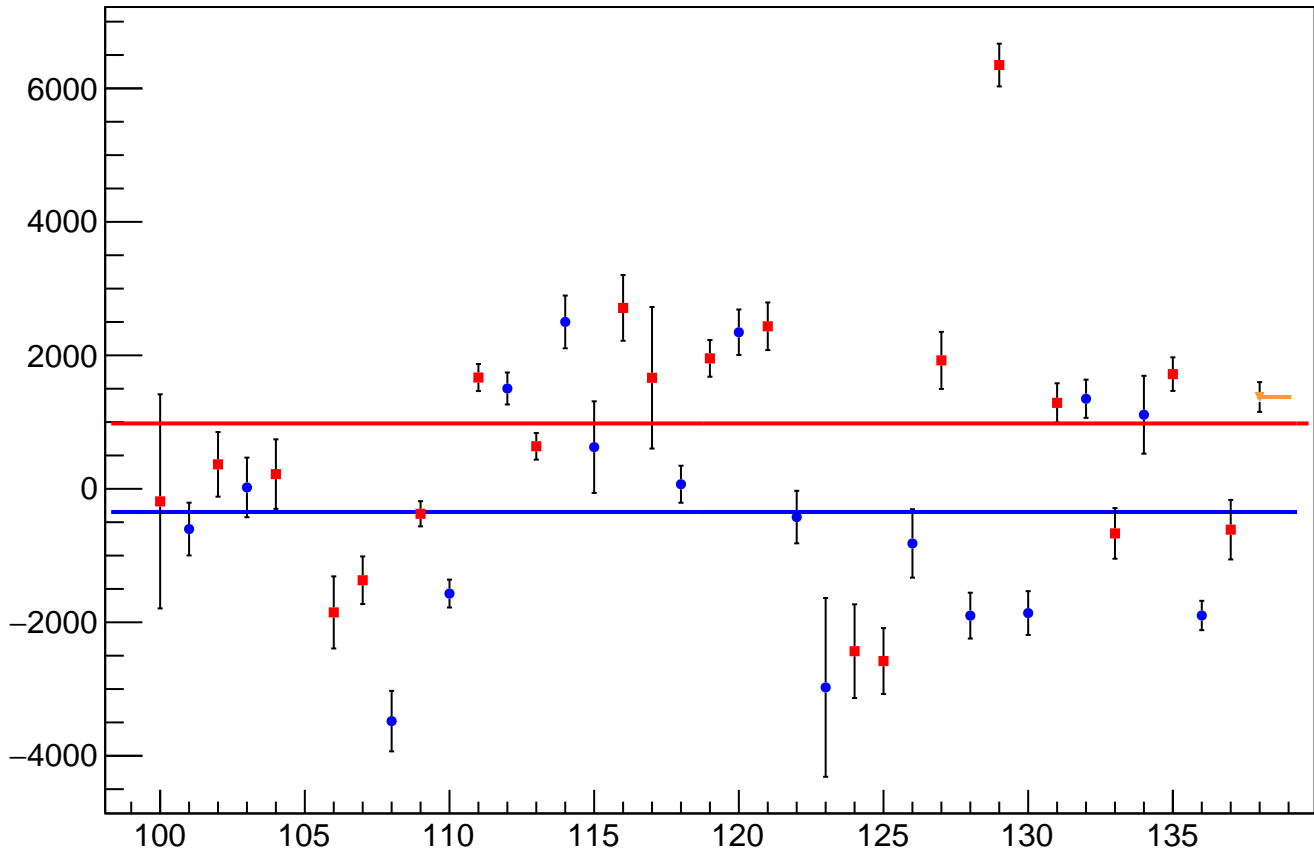
202.123+/-0.055 χ^2/NDF : 877336.0/17

Right Out: 188.856+/-0.053 χ^2/NDF : 1253327.1/19

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

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: 1376.211+/-222.862 χ^2 /NDF: 0.0/0

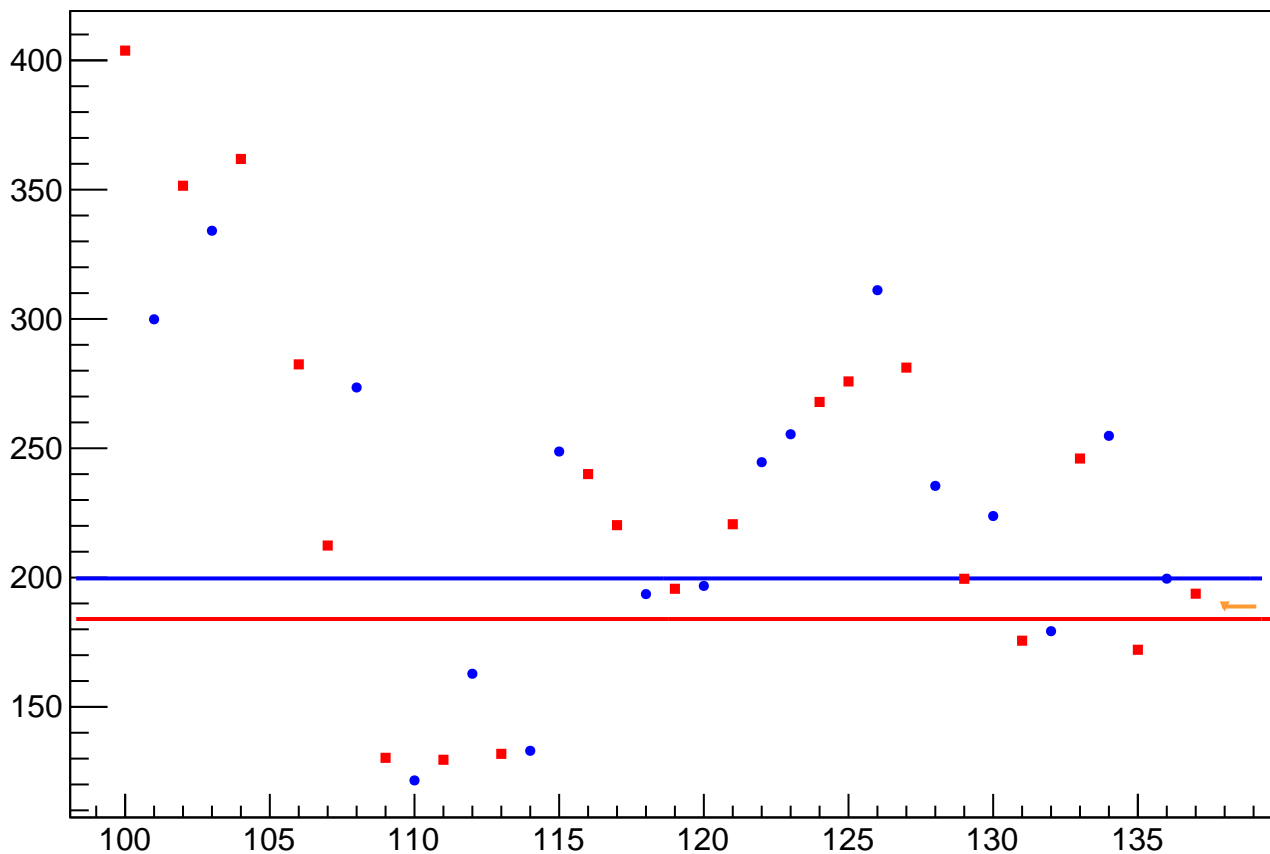
Right Out: 979.606+/-73.710 χ^2 /NDF: 586.1/19

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

-144.745+/-76.391 χ^2 /NDF: 451.8/17

979.606+/-73.710 χ^2 /NDF: 586.1/19

asym_bpm0l07WS_rms vs Slug



Right In: 199.669+/-0.058 χ^2/NDF : 943155.1/16

Left Out: 188.811+/-0.158 χ^2/NDF : 0.0/0

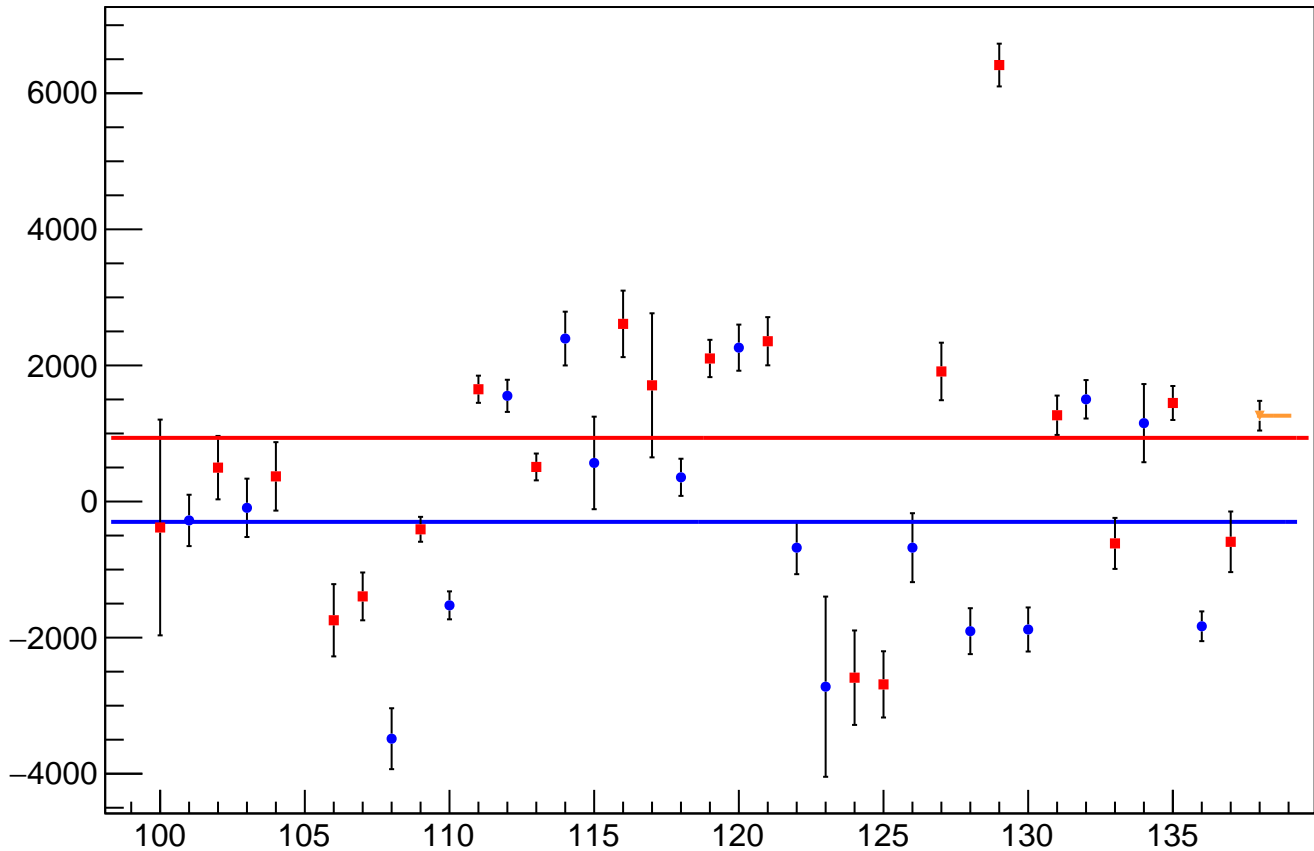
Right Out: 183.984+/-0.052 χ^2/NDF : 1351978.1/19

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

198.393+/-0.054 χ^2/NDF : 947344.9/17

183.984+/-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: 1261.330+/-218.116 χ^2 /NDF: 0.0/0

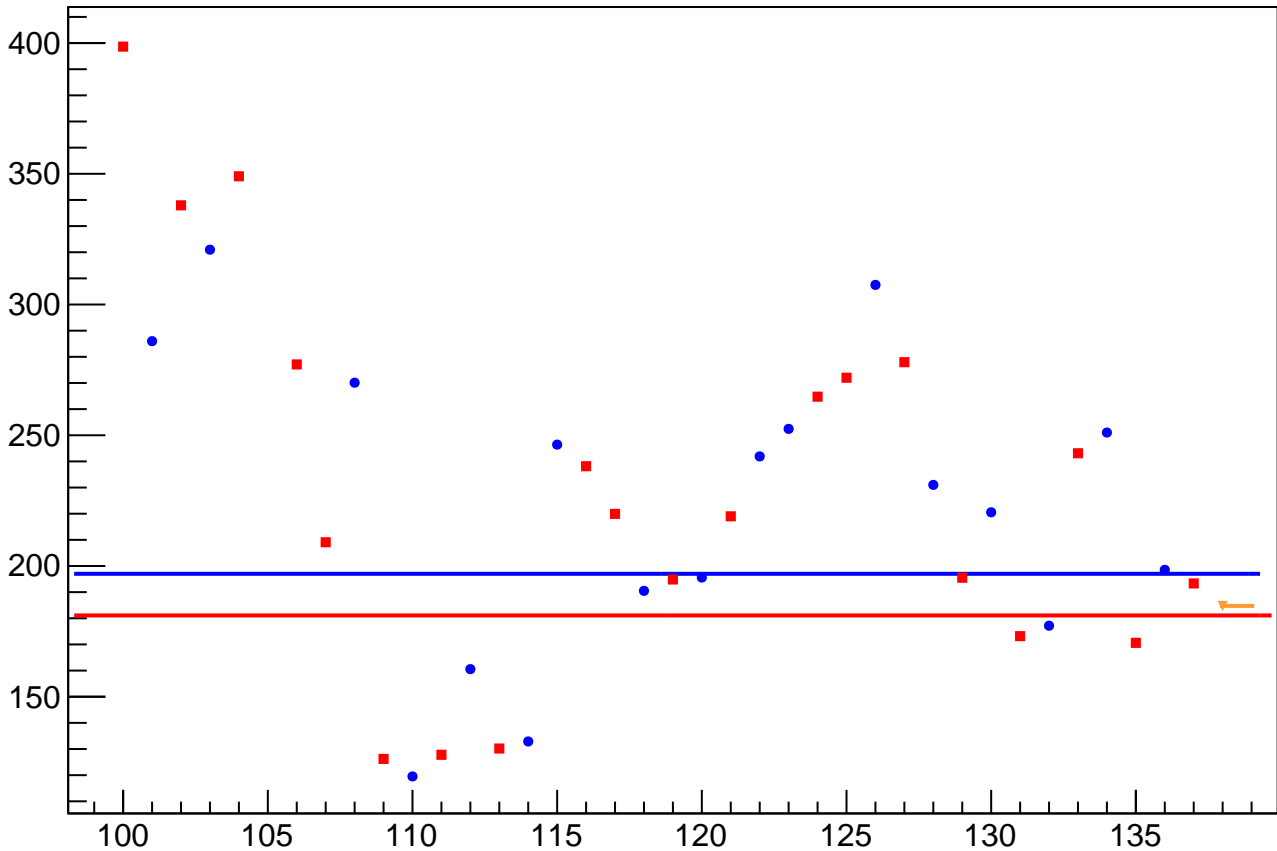
Right Out: 935.490+/-72.580 χ^2 /NDF: 615.3/19

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

-113.292+/-75.241 χ^2 /NDF: 451.7/17

935.490+/-72.580 χ^2 /NDF: 615.3/19

asym_bpm0l08WS_rms vs Slug



Right In: 197.013+/-0.057 χ^2/NDF : 911923.5/16

Left Out: 184.736+/-0.154 χ^2/NDF :0.0/0

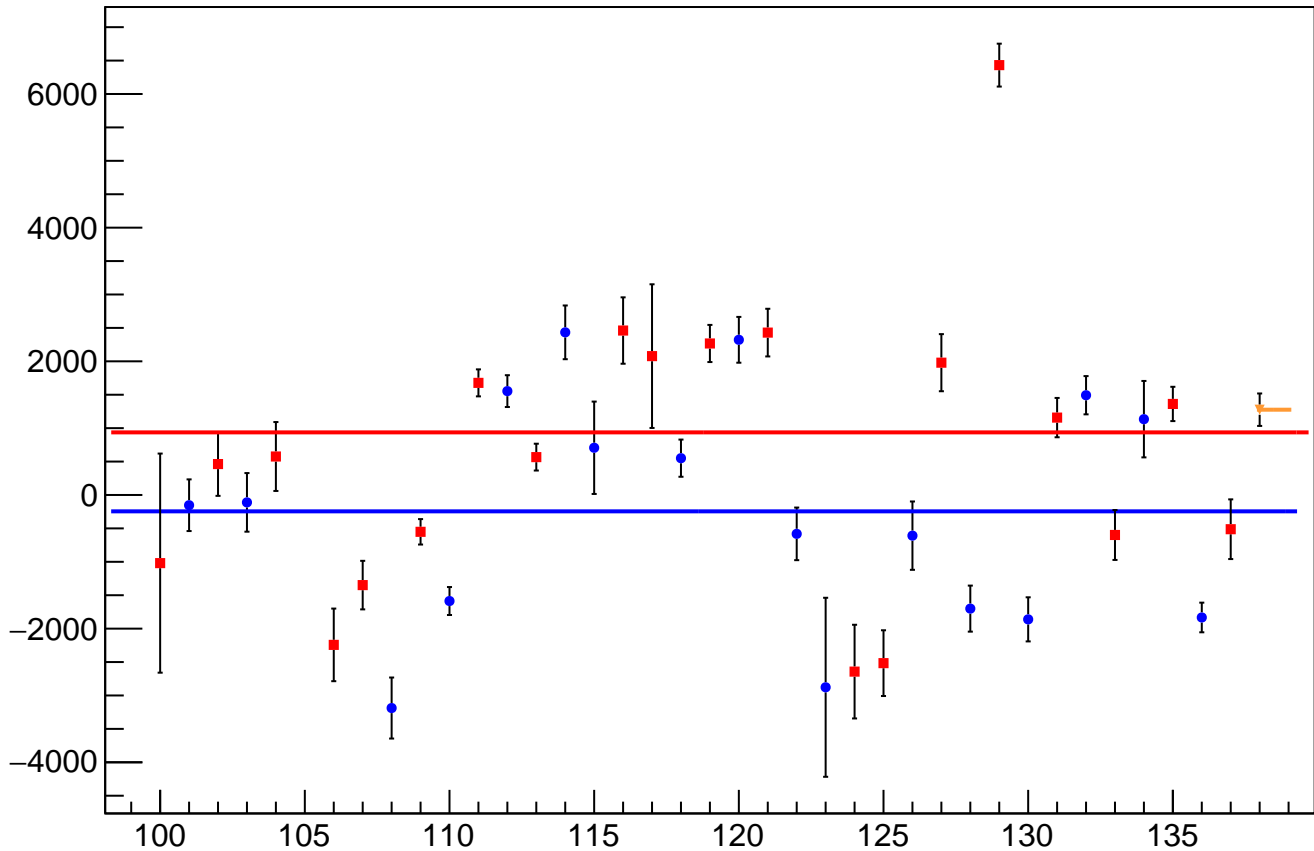
Right Out: 181.089+/-0.051 χ^2/NDF : 1348390.5/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

195.552+/-0.053 χ^2/NDF : 917506.1/17

181.089+/-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: 1276.011+/-242.773 χ^2 /NDF: 0.0/0

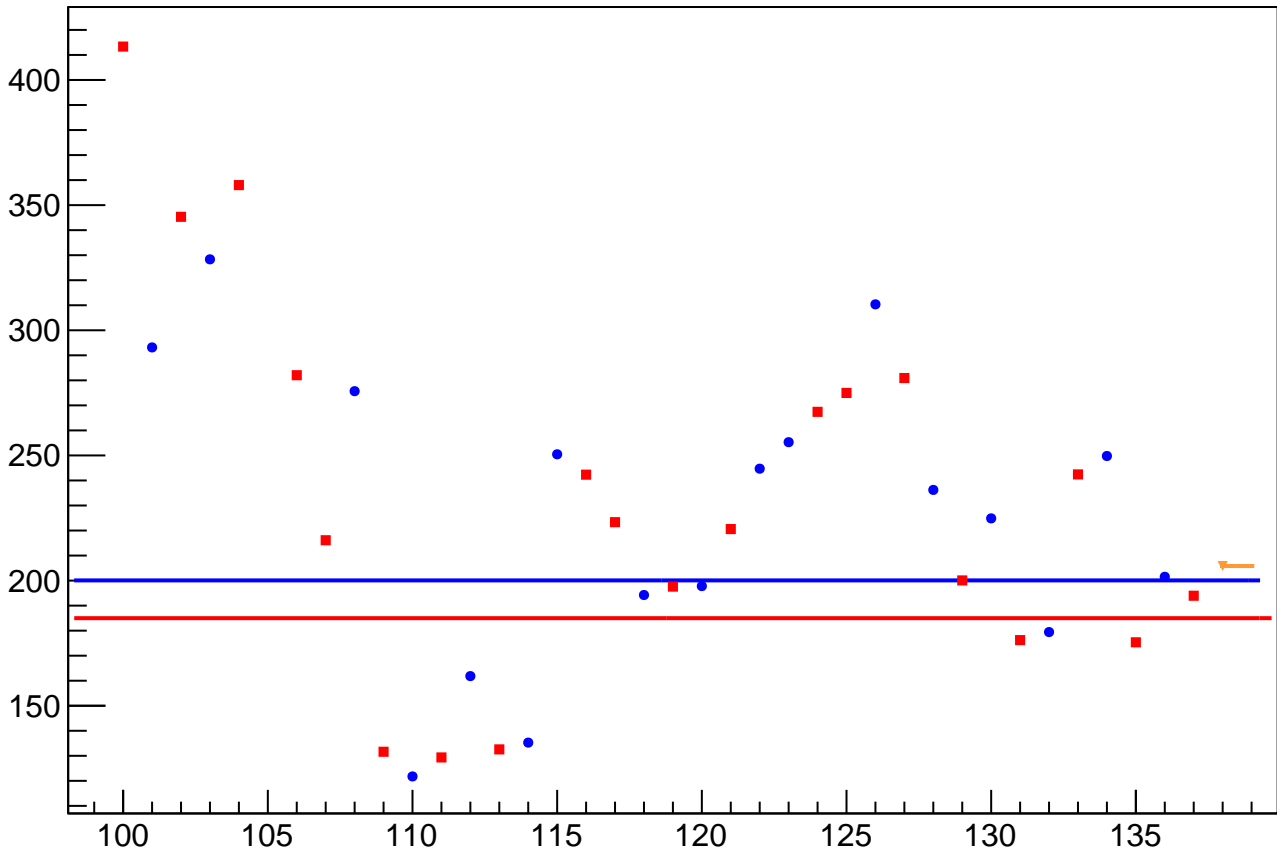
Right Out: 936.709+/-74.030 χ^2 /NDF: 610.9/19

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

-91.236+/-77.173 χ^2 /NDF: 426.7/17

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: 205.827+/-0.172 χ^2/NDF : 0.0/0

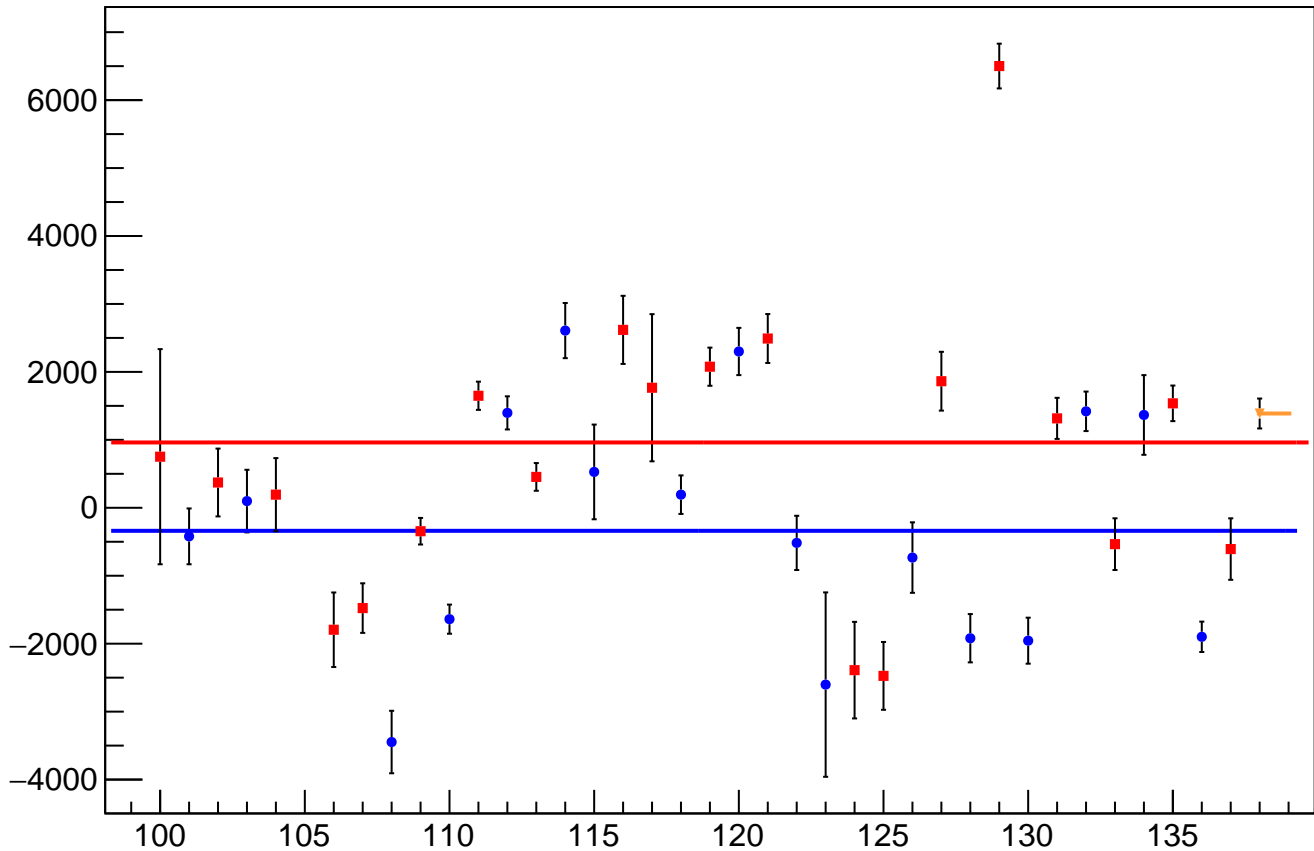
Right Out: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

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

200.659+/-0.055 χ^2/NDF : 919317.4/17

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: 1387.667+/-220.158 χ^2/NDF : 0.0/0

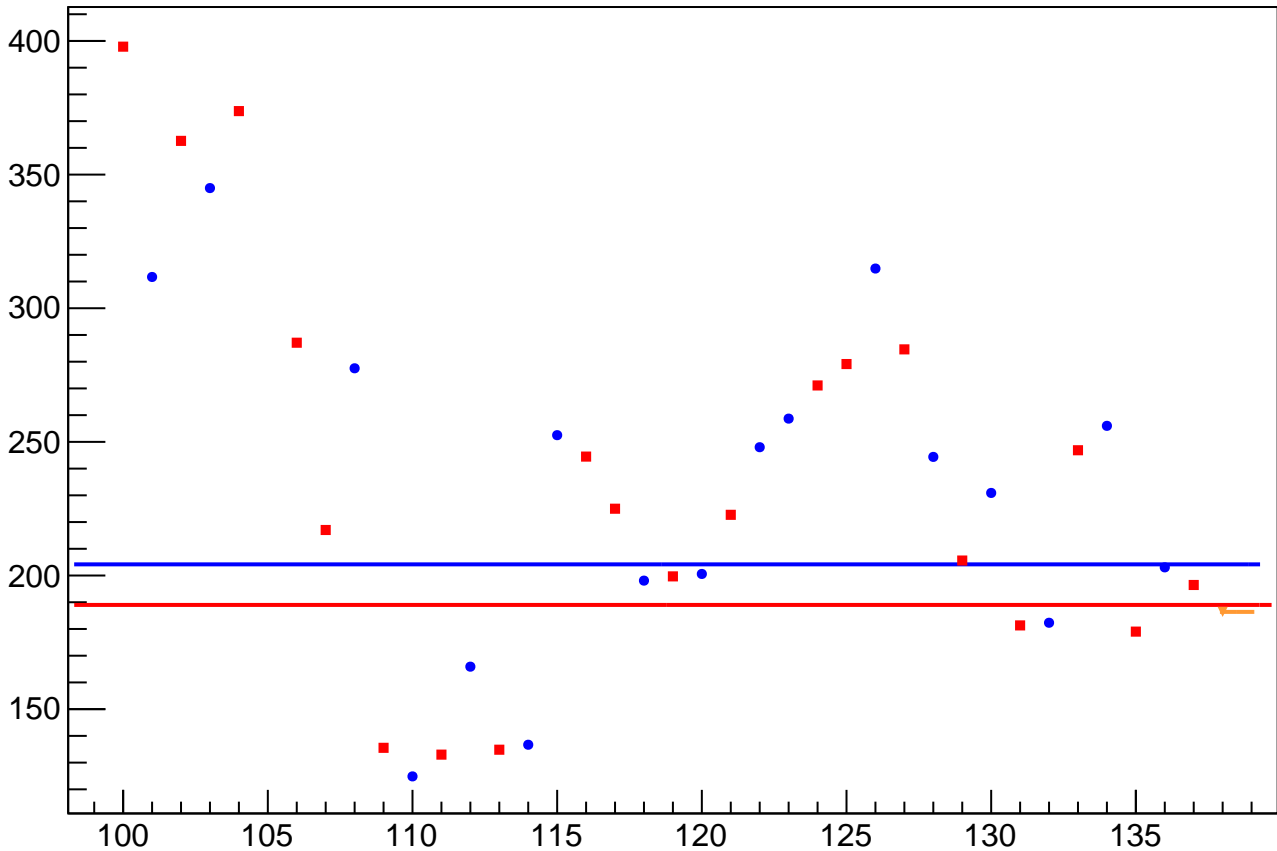
Right Out: 961.556+/-75.564 χ^2/NDF : 570.9/19

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

-123.543+/-77.765 χ^2/NDF : 443.3/17

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: 186.389+/-0.156 χ^2/NDF : 0.0/0

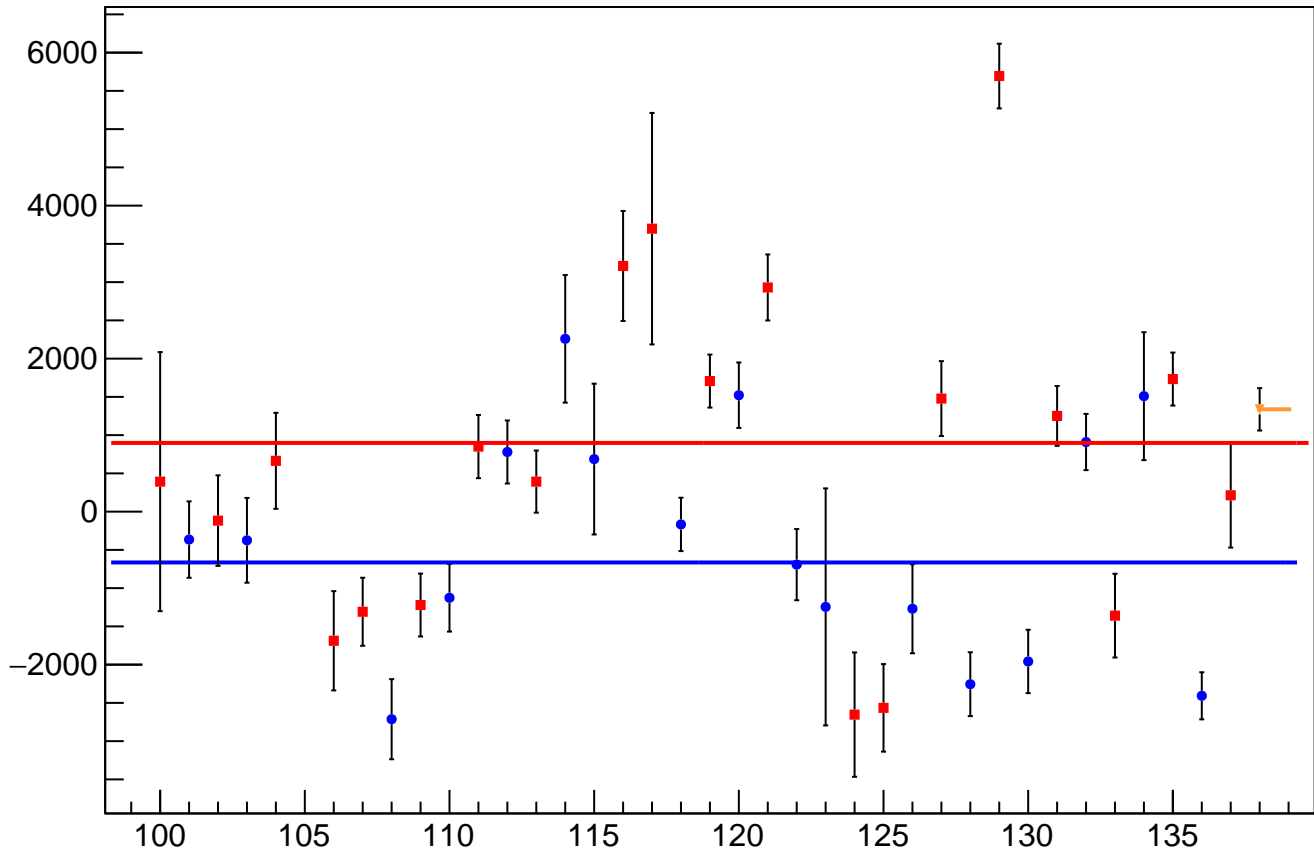
Right Out: 188.997+/-0.053 χ^2/NDF : 1317112.1/19

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

201.956+/-0.055 χ^2/NDF : 958863.2/17

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: 1337.462+/-276.991 χ^2 /NDF:0.0/0

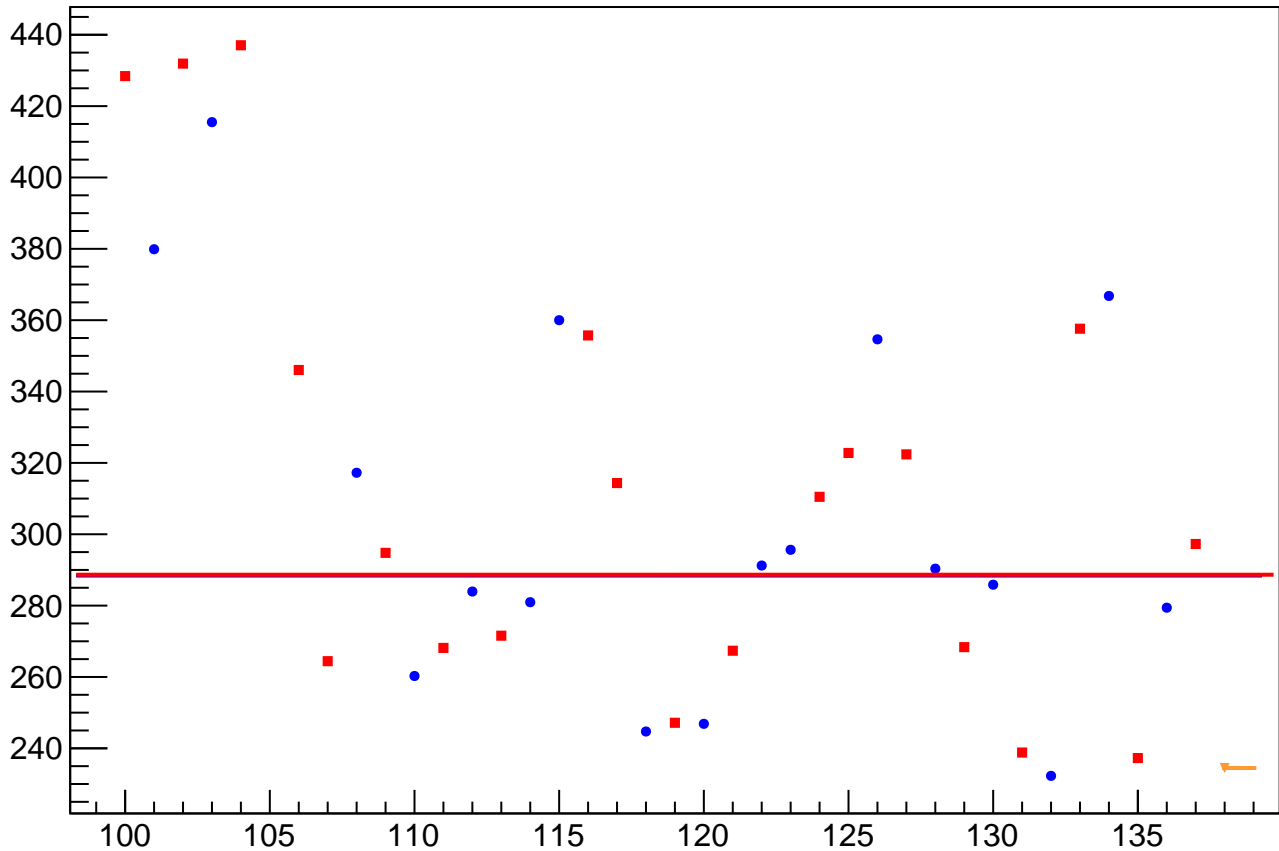
Right Out: 898.290+/-110.578 χ^2 /NDF: 323.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-374.638+/-105.380 χ^2 /NDF: 199.0/17

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: 234.479+/-0.196 χ^2 /NDF:0.0/0

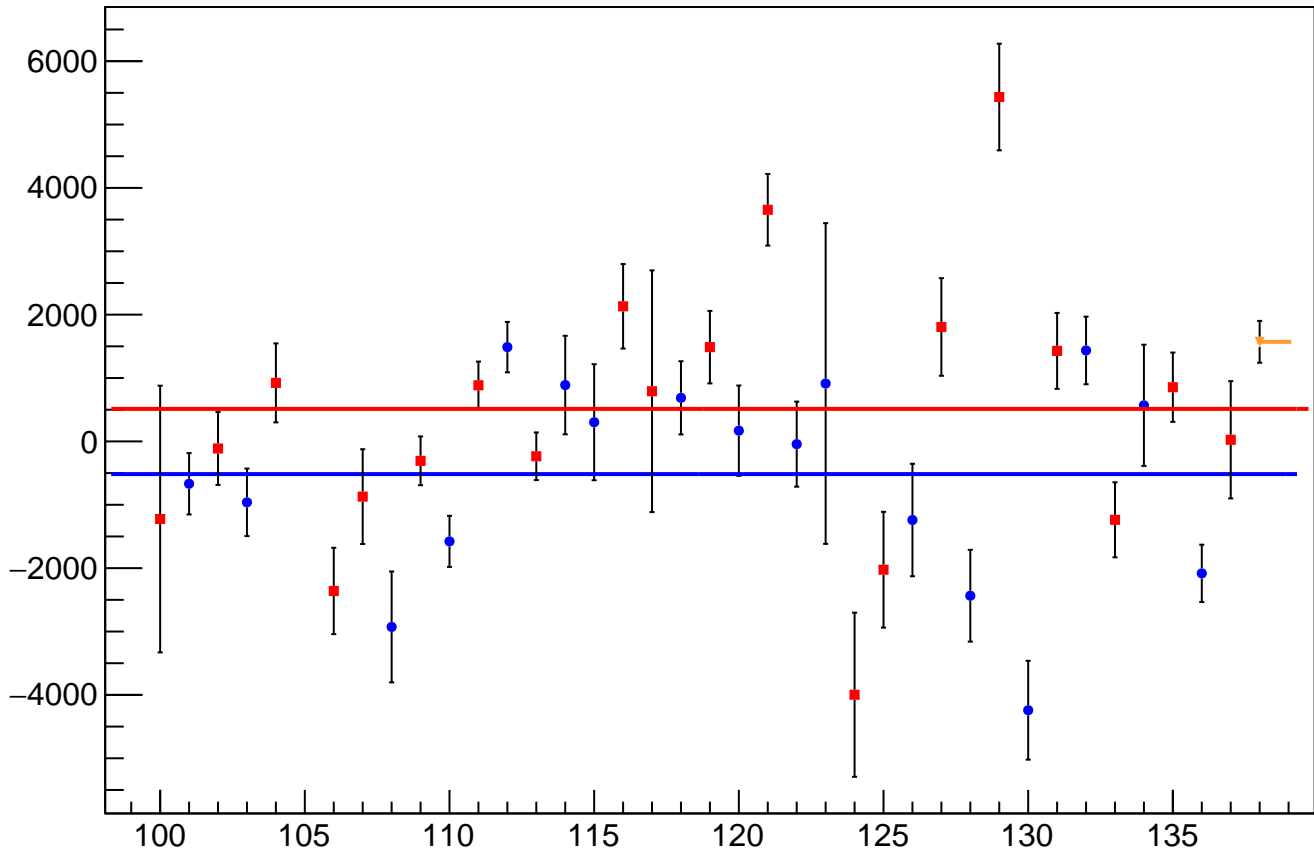
Right Out: 288.660+/-0.078 χ^2 /NDF: 455989.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

280.620+/-0.075 χ^2 /NDF: 404708.5/17

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: 1571.325+/-330.173 χ^2 /NDF: 0.0/0

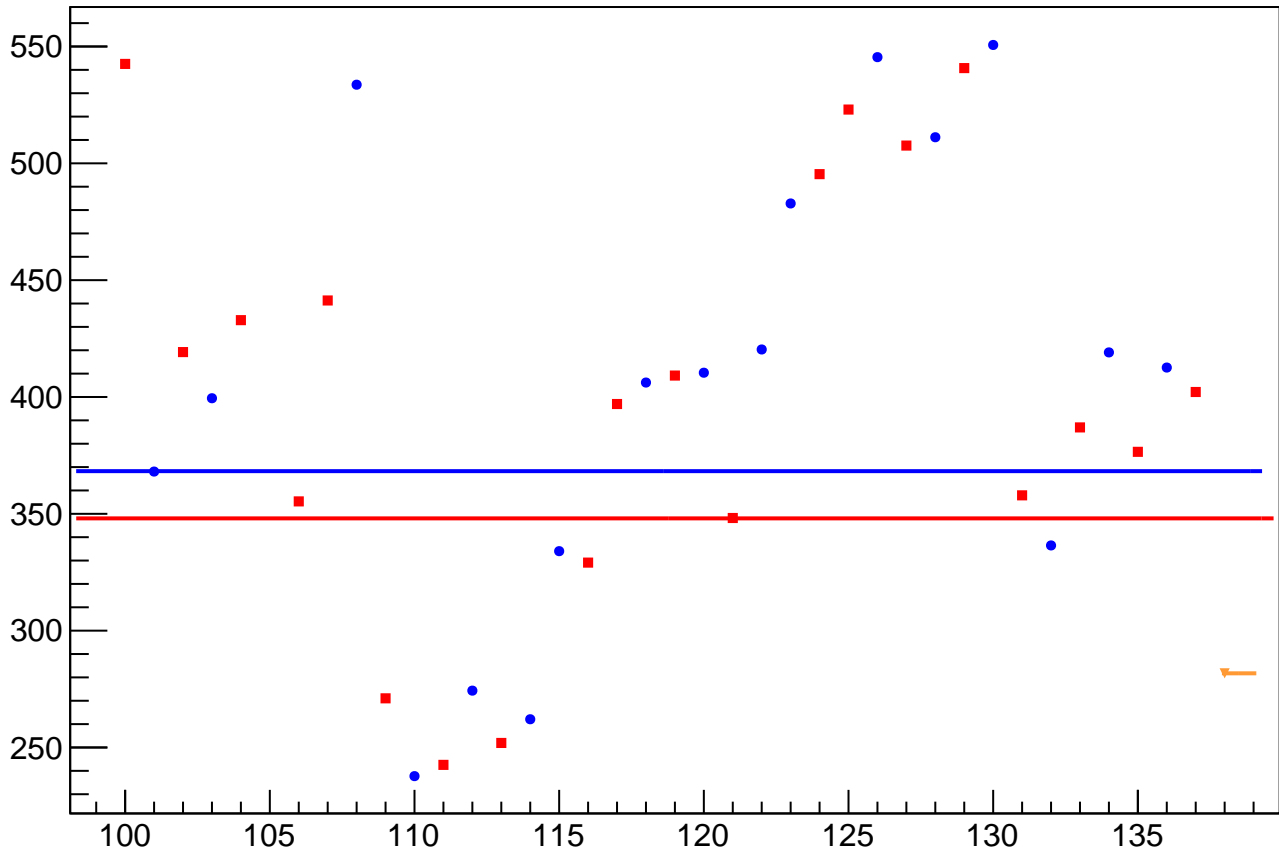
Right Out: 513.264+/-135.456 χ^2 /NDF: 141.3/19

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

-169.325+/-134.540 χ^2 /NDF: 141.3/17

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: 281.739+/-0.233 χ^2/NDF : 0.0/0

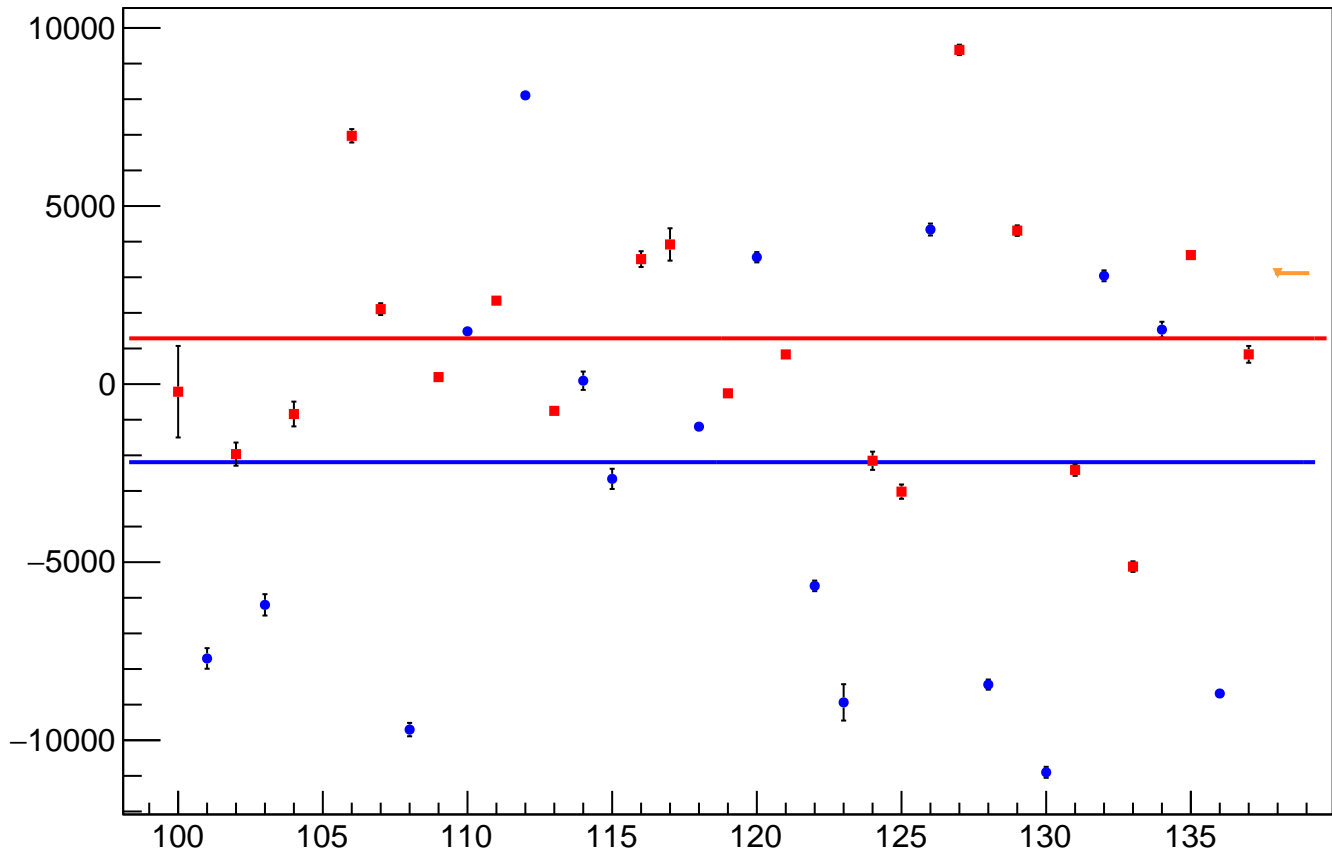
Right Out: 348.050+/-0.096 χ^2/NDF : 823186.4/19

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

353.897+/-0.095 χ^2/NDF : 884660.6/17

348.050+/-0.096 χ^2/NDF : 823186.4/19

asym_bpm1i04WS_mean vs Slug



Right In: -2192.327 ± 39.944 $\chi^2/\text{NDF}: 22813.5/16$

Left Out: 3115.317 ± 118.207 $\chi^2/\text{NDF}: 0.0/0$

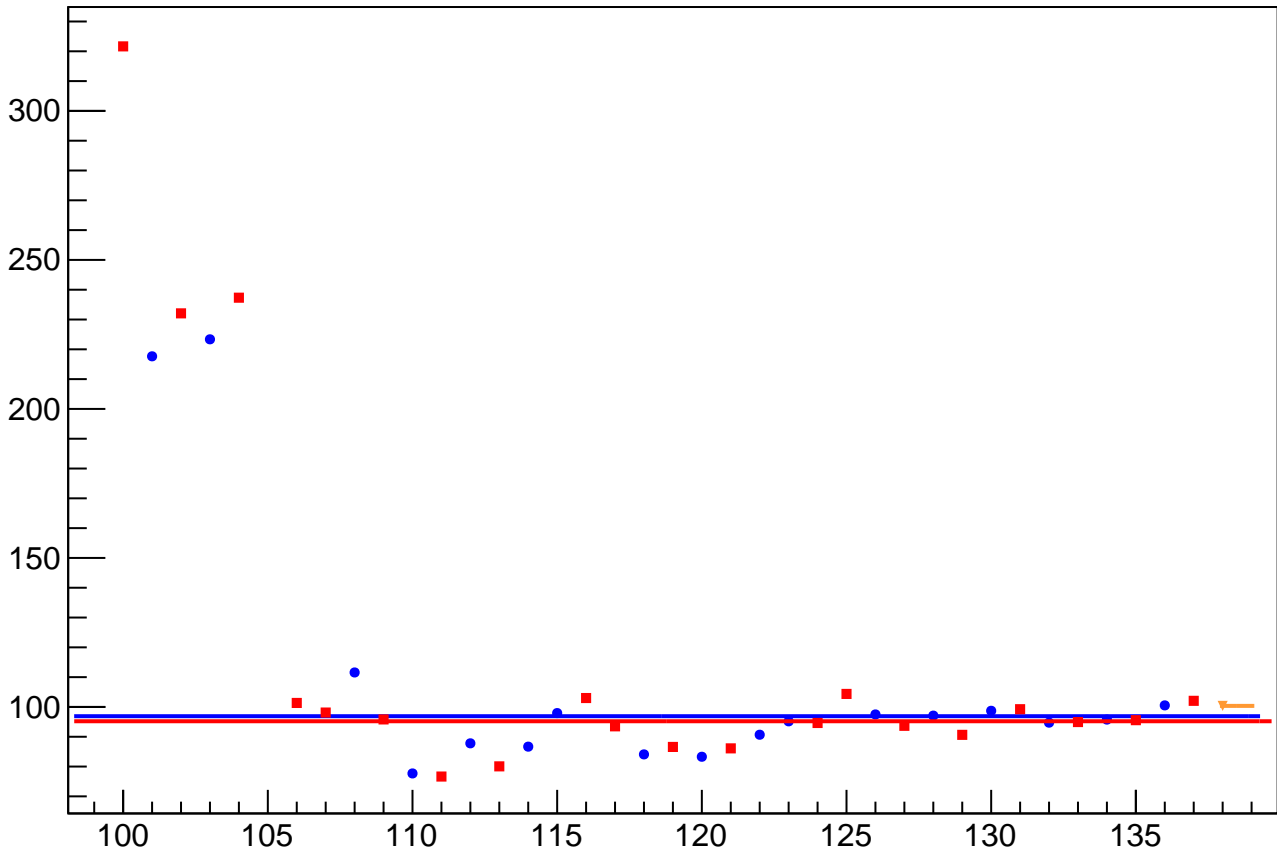
Right Out: 1284.692 ± 37.915 $\chi^2/\text{NDF}: 8584.4/19$

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

-1648.375 ± 37.842 $\chi^2/\text{NDF}: 24623.0/17$

1284.692 ± 37.915 $\chi^2/\text{NDF}: 8584.4/19$

asym_bpm1i04WS_rms vs Slug



Right In: 96.894+/-0.028 χ^2 /NDF: 817229.9/16

Left Out: 100.356+/-0.084 χ^2 /NDF:0.0/0

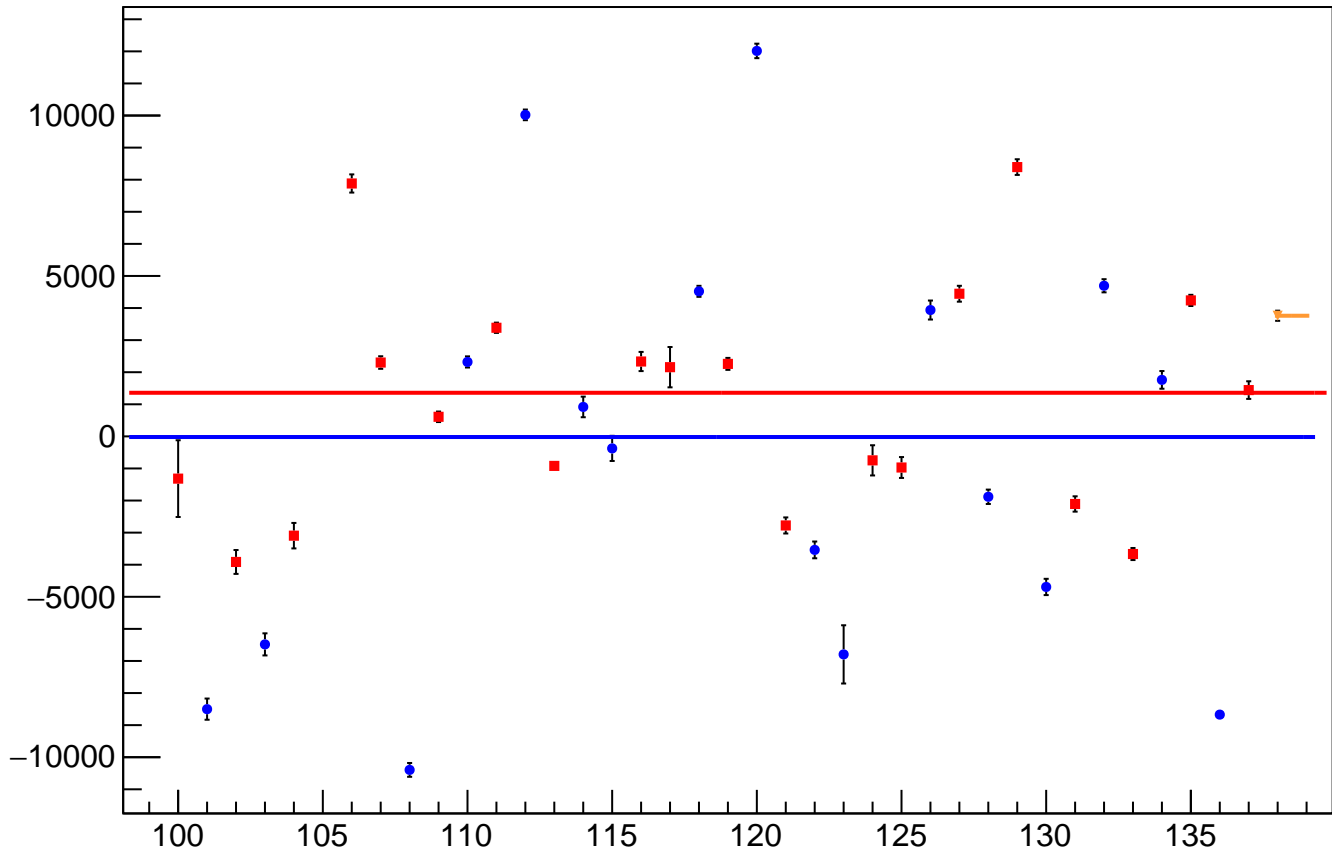
Right Out: 95.201+/-0.027 χ^2 /NDF: 859838.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

97.249+/-0.027 χ^2 /NDF: 818769.9/17

95.201+/-0.027 χ^2 /NDF: 859838.2/19

asym_bpm1i06WS_mean vs Slug



Right In: -19.990 ± 54.643 $\chi^2/\text{NDF}: 16361.0/16$

Left Out: 3760.000 ± 158.274 $\chi^2/\text{NDF}: 0.0/0$

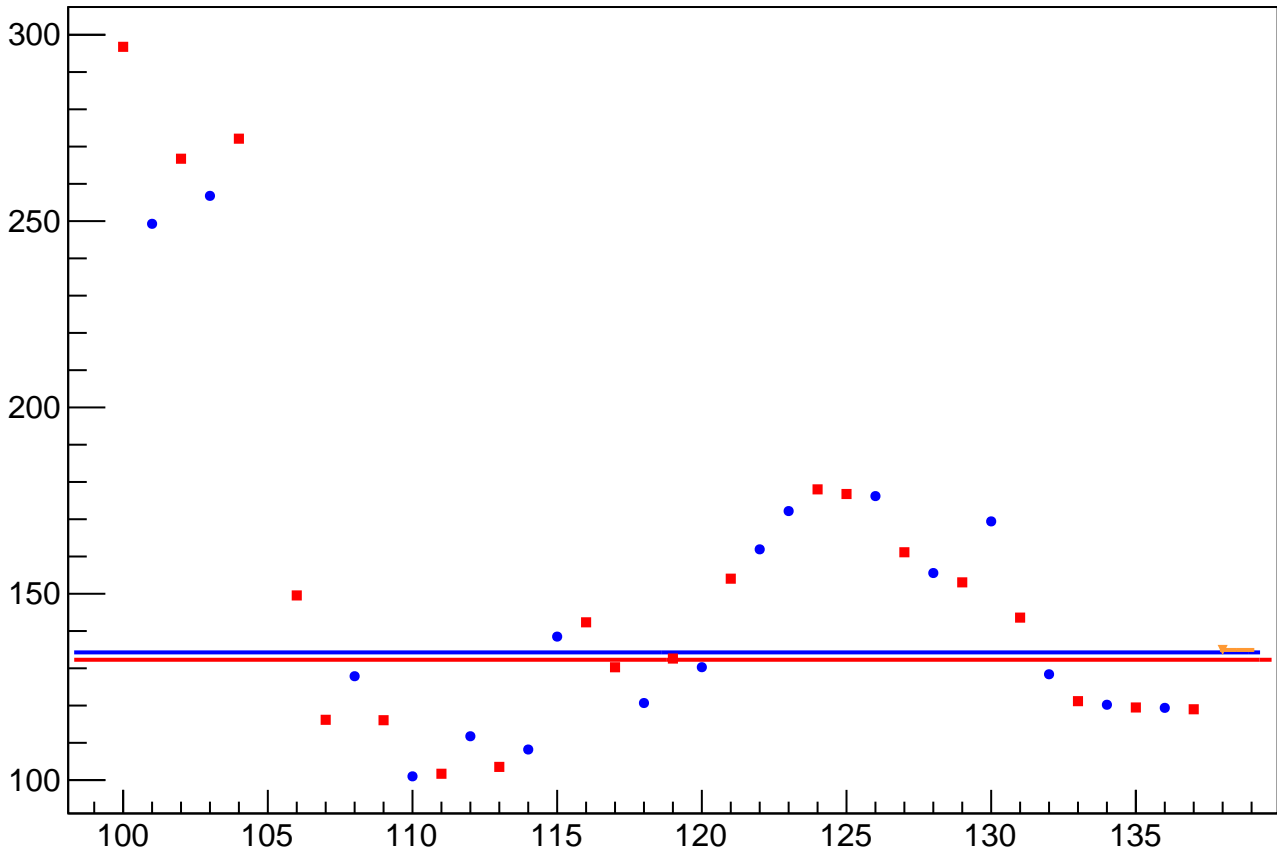
Right Out: 1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

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

382.580 ± 51.652 $\chi^2/\text{NDF}: 16870.7/17$

1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

asym_bpm1i06WS_rms vs Slug



Right In: 134.268+/-0.039 χ^2/NDF : 788647.0/16

Left Out: 134.922+/-0.112 χ^2/NDF : 0.0/0

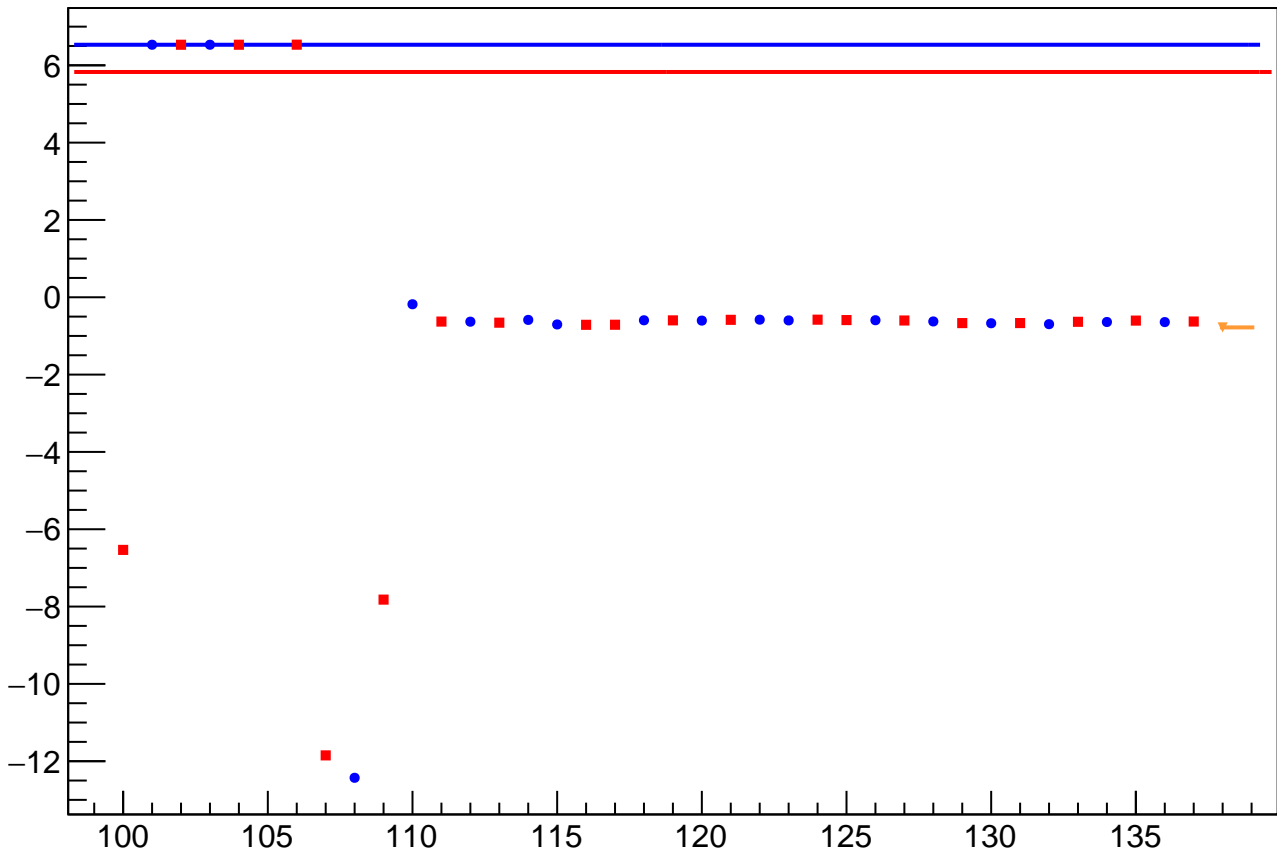
Right Out: 132.288+/-0.037 χ^2/NDF : 869913.4/19

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

134.337+/-0.037 χ^2/NDF : 788677.6/17

132.288+/-0.037 χ^2/NDF : 869913.4/19

yield_cav4bX_mean vs Slug



Right In: 6.532+/-0.000 χ^2 /NDF: 127906780672.7/16

Left Out: -0.780+/-0.000 χ^2 /NDF: 0.0/0

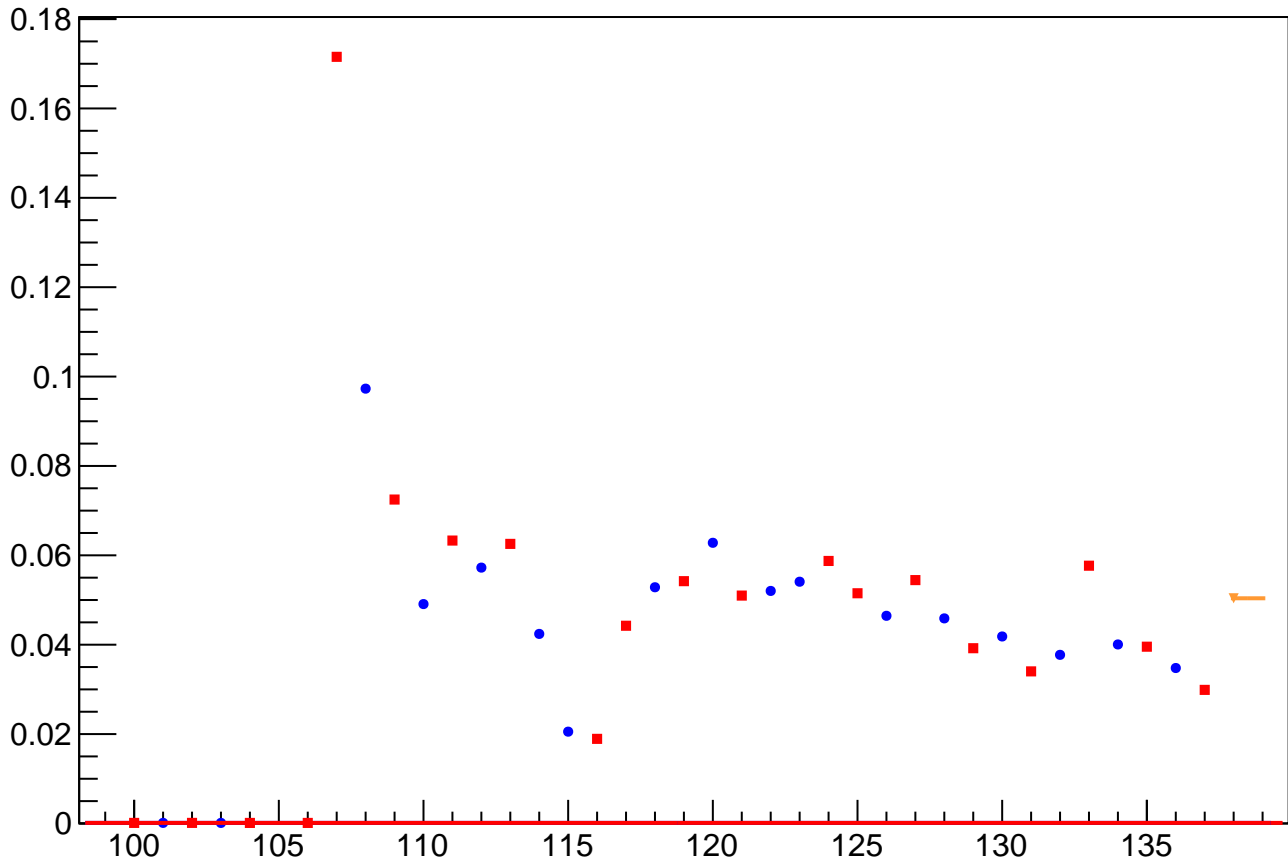
Right Out: 5.827+/-0.000 χ^2 /NDF: 755949520765363.8/19

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

6.532+/-0.000 χ^2 /NDF: 140751980976.5/17

5.827+/-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: 0.050+/-0.000 χ^2/NDF : 0.0/0

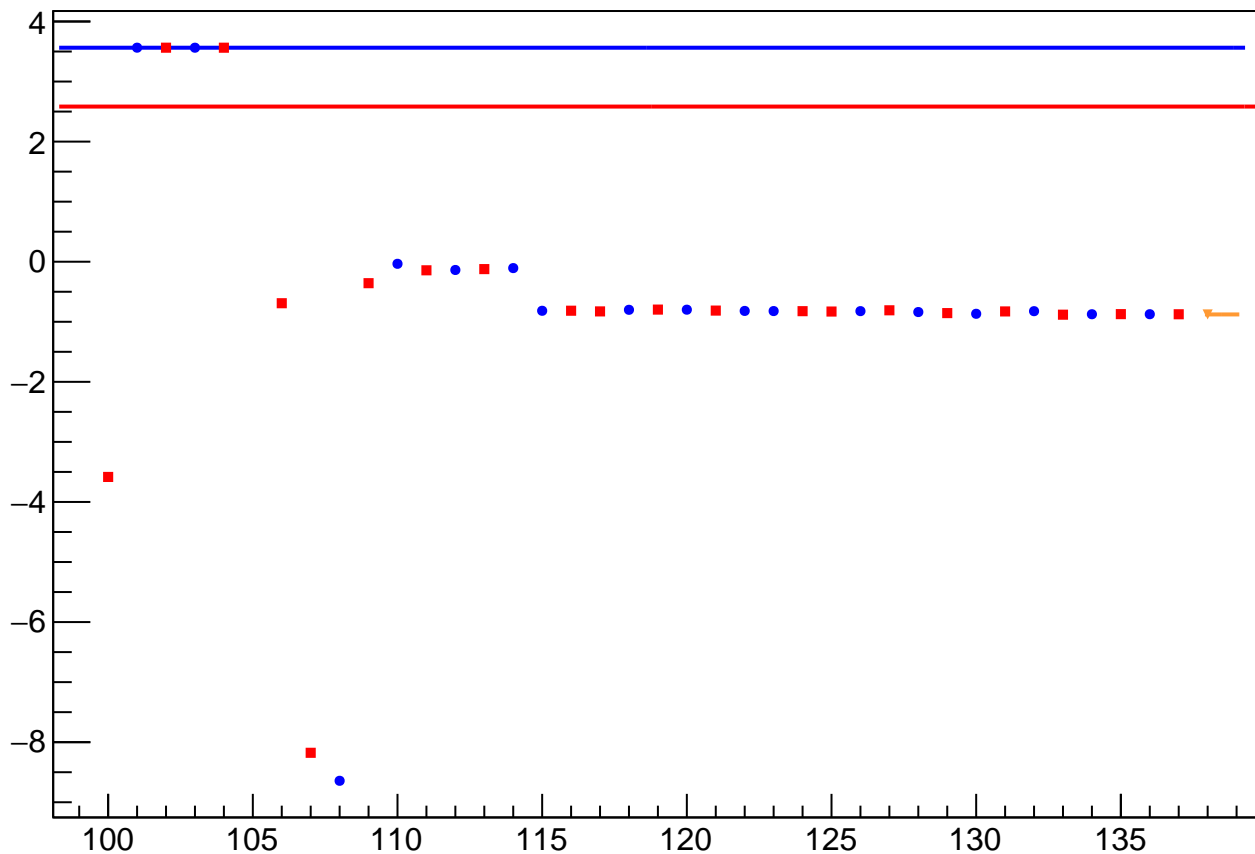
Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

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

0.000+/-0.000 χ^2/NDF : 10242529.0/17

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: -0.878+/-0.000 χ^2/NDF : 0.0/0

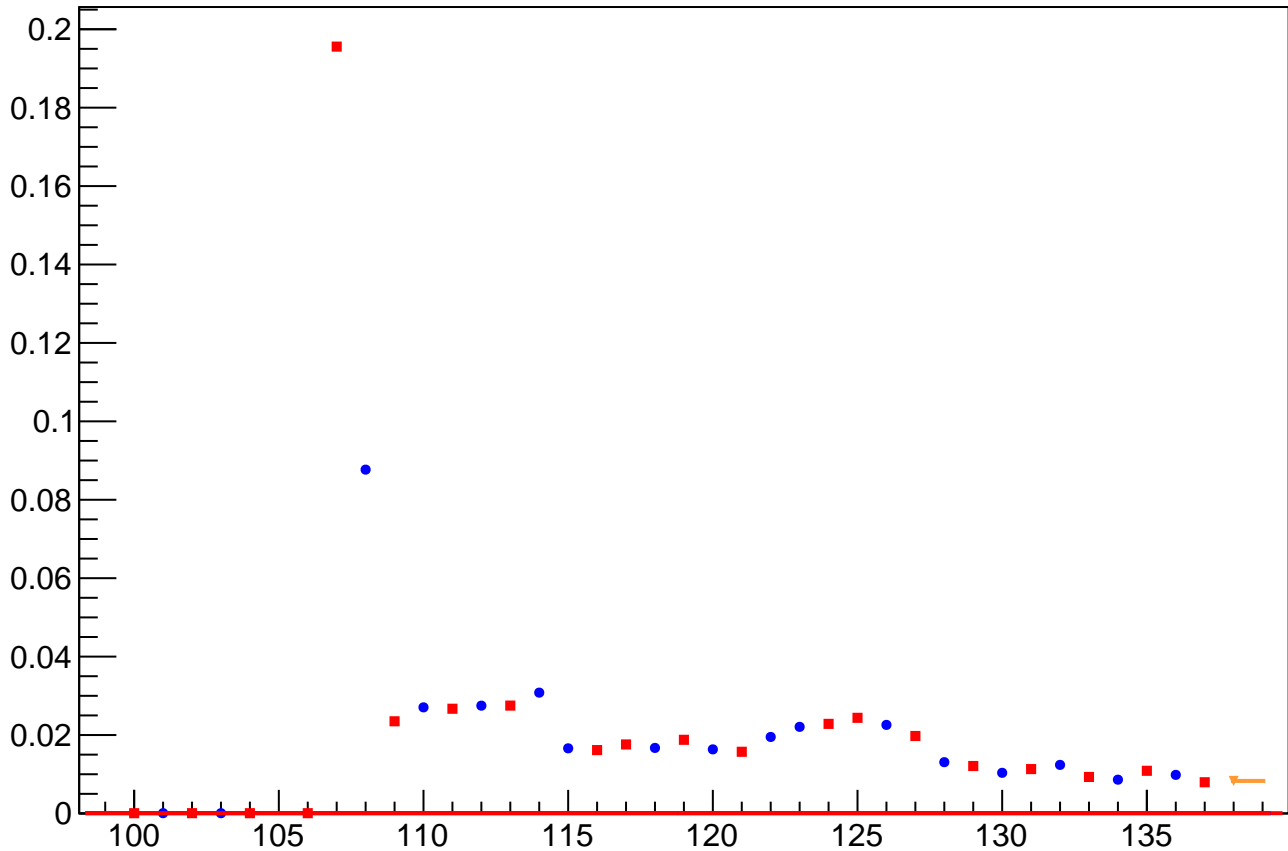
3.563+/-0.000 χ^2/NDF : 688630414042.1/17

Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

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

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9848258.0/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

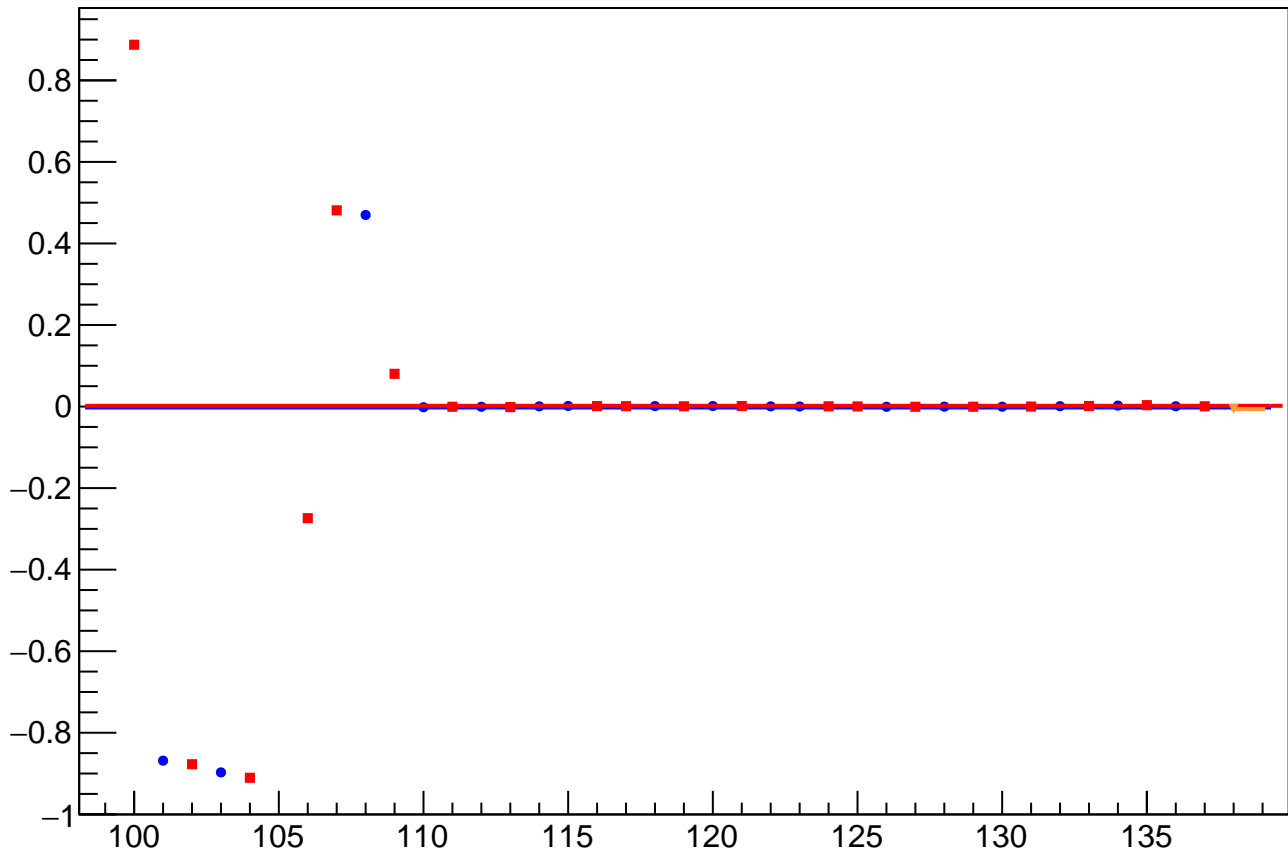
Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

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

0.000+/-0.000 χ^2/NDF : 11232252.5/17

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: -0.006+/-0.000 χ^2 /NDF: 0.0/0

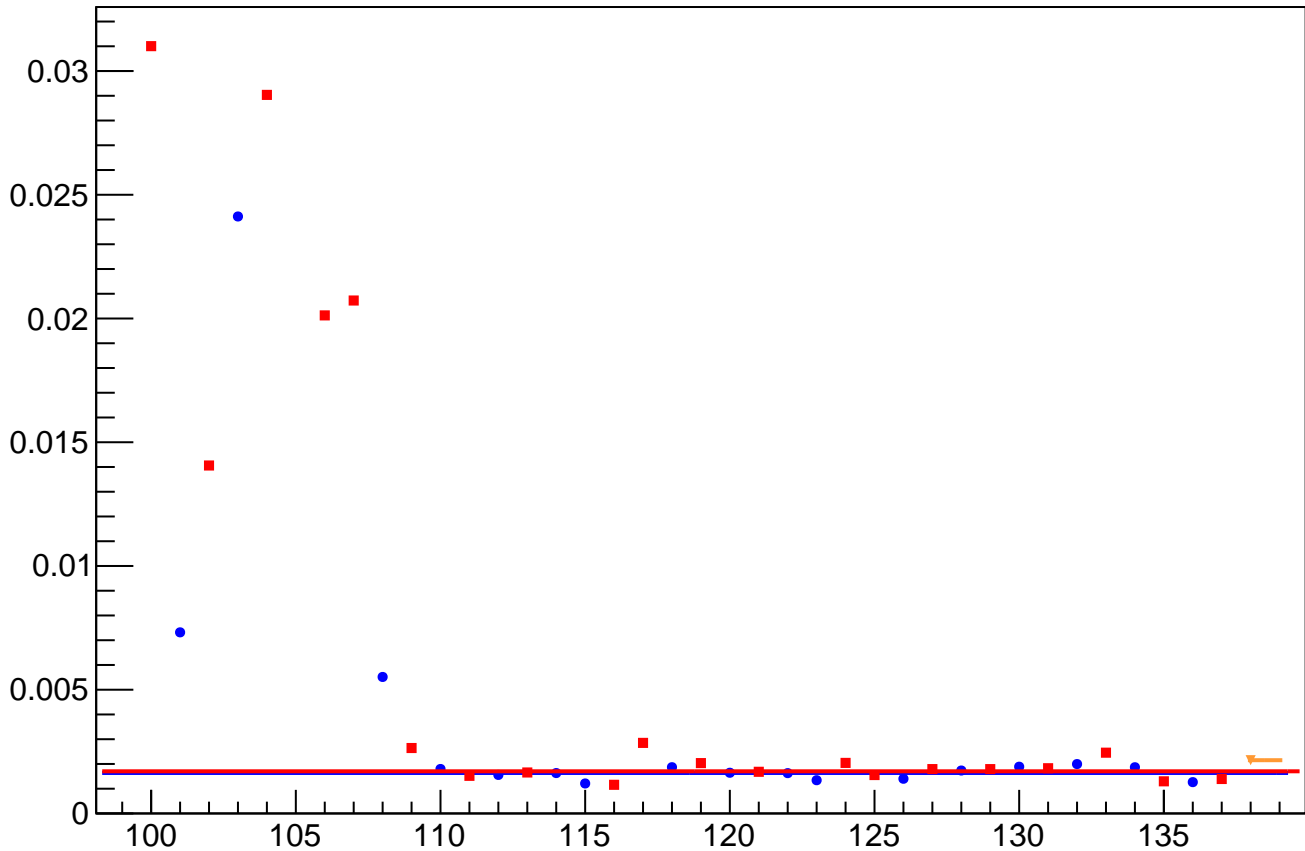
-0.003+/-0.000 χ^2 /NDF: 9797059146.5/17

Right Out: 0.002+/-0.000 χ^2 /NDF: 3041335141.0/19

0.002+/-0.000 χ^2 /NDF: 3041335141.0/19

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

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1919127.9/16

Left Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

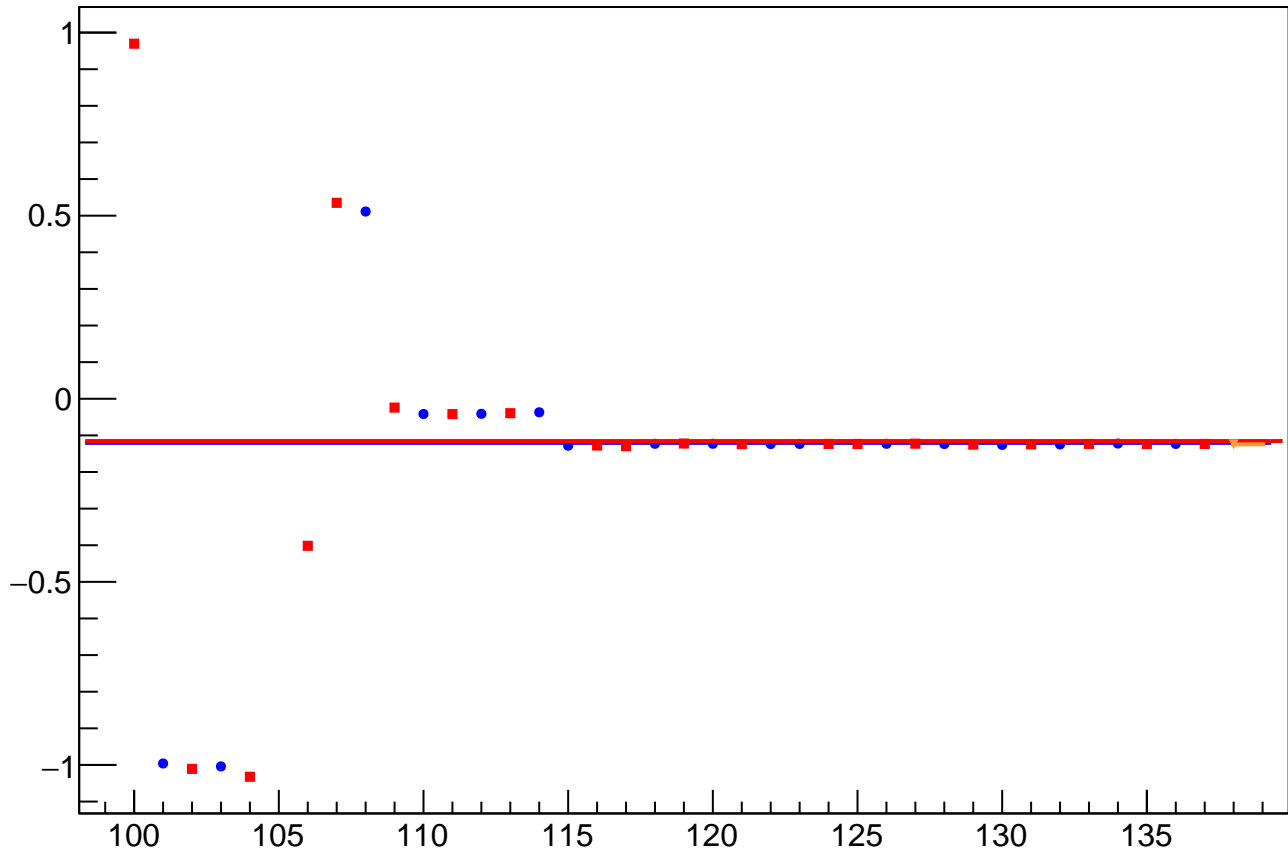
0.002+/-0.000 χ^2/NDF : 1982623.9/17

Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

0.002+/-0.000 χ^2/NDF : 3038397.4/19

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

yield_cav4cY_mean vs Slug



Right In: -0.120+/-0.000 χ^2 /NDF: 3932311162.8/16

Left Out: -0.124+/-0.000 χ^2 /NDF: 0.0/0

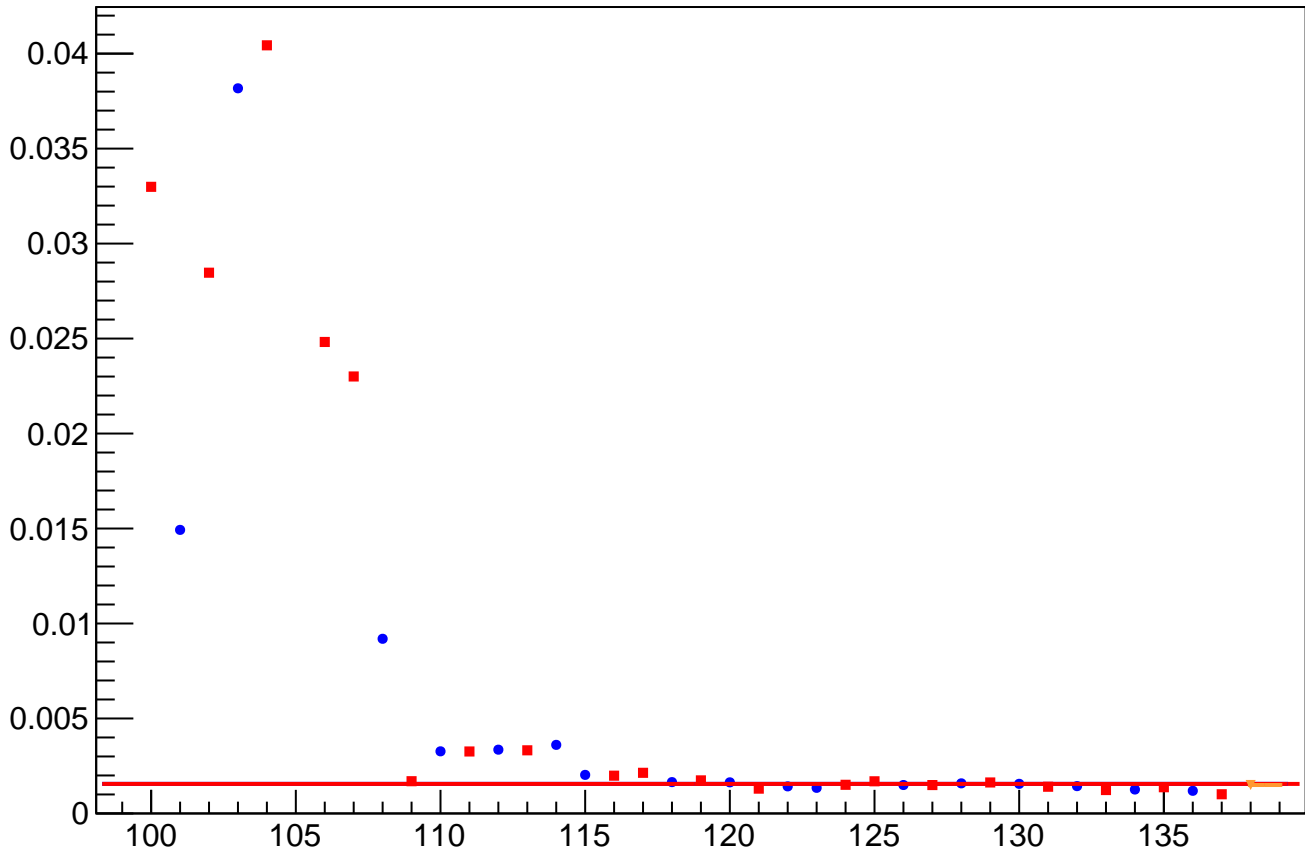
-0.121+/-0.000 χ^2 /NDF: 3936564139.4/17

Right Out: -0.115+/-0.000 χ^2 /NDF: 2458720596.9/19

-0.115+/-0.000 χ^2 /NDF: 2458720596.9/19

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

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2903607.4/16

Left Out: 0.001+/-0.000 χ^2/NDF : 0.0/0

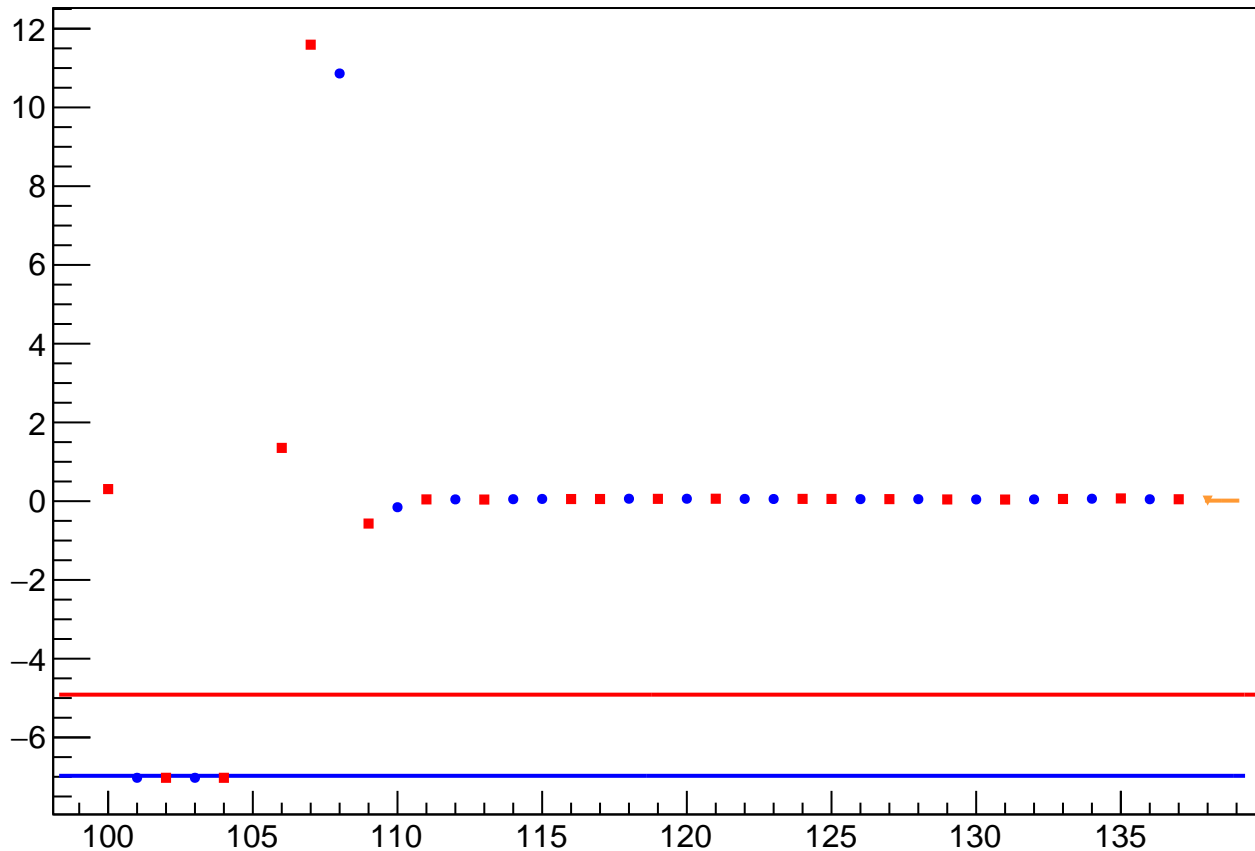
Right Out: 0.002+/-0.000 χ^2/NDF : 3544377.2/19

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

0.002+/-0.000 χ^2/NDF : 2905429.1/17

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: 0.014 ± 0.000 χ^2/NDF : 0.0/0

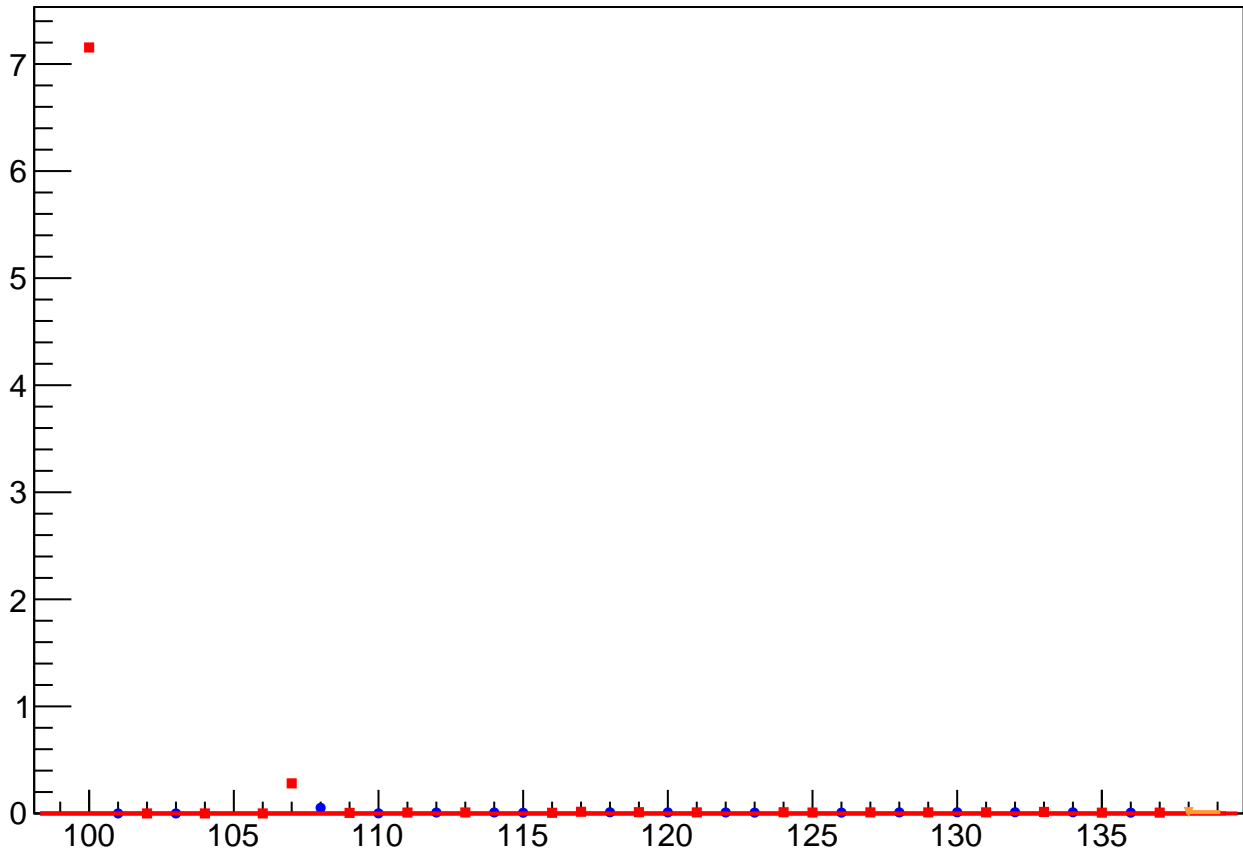
-6.974 ± 0.000 χ^2/NDF : 8972695267862.3/17

Right Out: -4.914 ± 0.000 χ^2/NDF : 365366243956054.8/19

-4.914 ± 0.000 χ^2/NDF : 365366243956054.8/19

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

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8362763.6/16

0.000+/-0.000 χ^2/NDF : 9534155.4/17

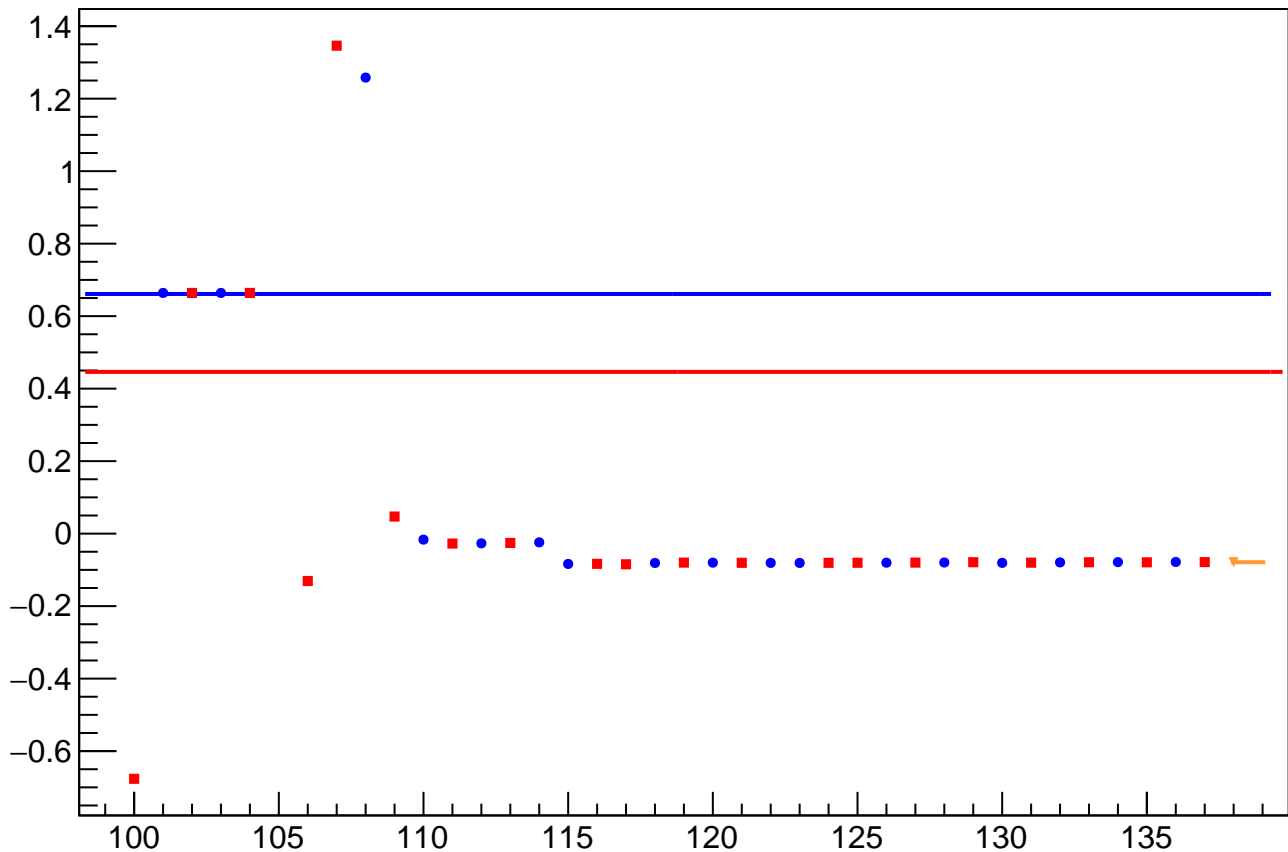
Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8880914.4/19

0.000+/-0.000 χ^2/NDF : 8880914.4/19

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

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

Left Out: -0.079+/-0.000 χ^2/NDF : 0.0/0

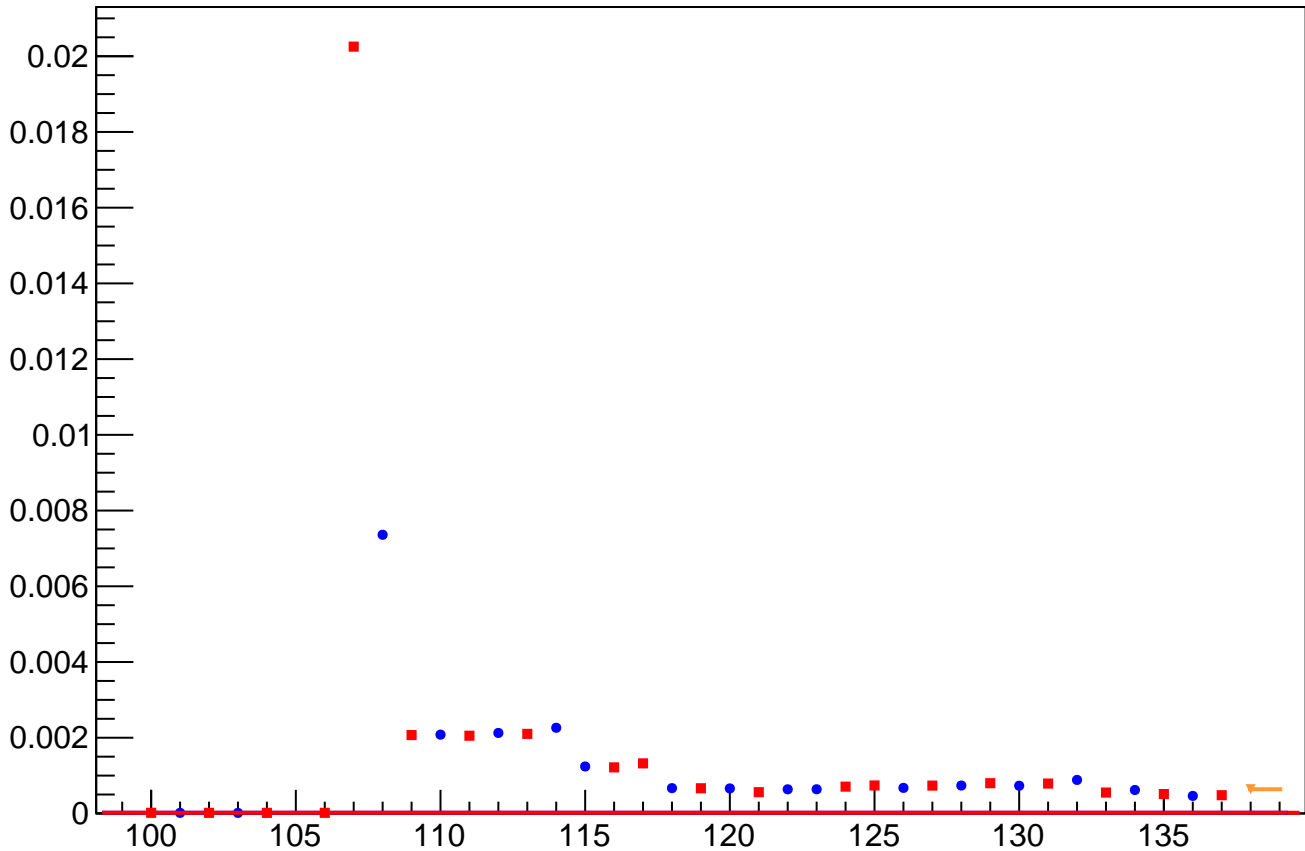
0.661+/-0.000 χ^2/NDF : 6615099928056.7/17

Right Out: 0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

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

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 9997012.7/16

Left Out: 0.001+/-0.000 χ^2 /NDF:0.0/0

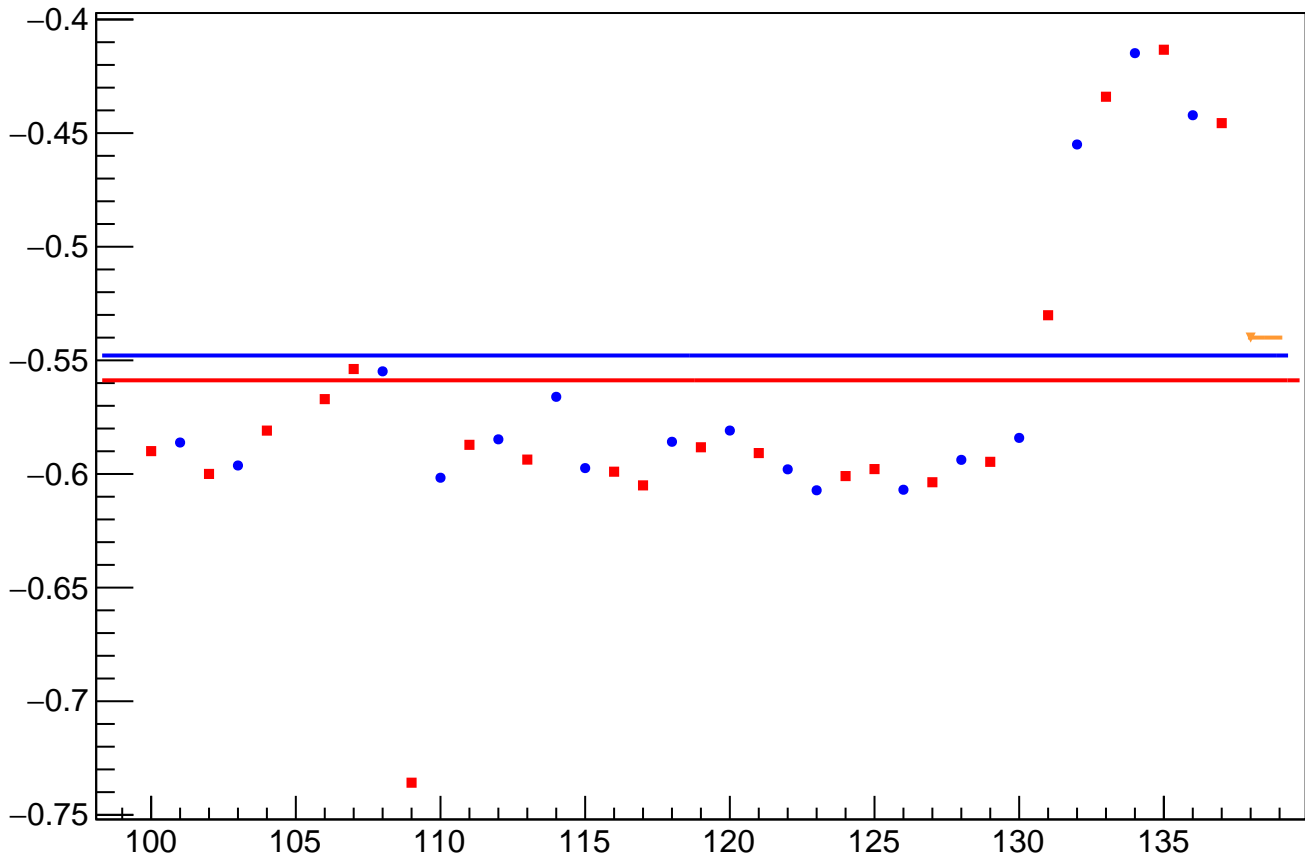
Right Out: 0.000+/-0.000 χ^2 /NDF: 9575039.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 11318728.3/17

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: -0.540+/-0.000 χ^2 /NDF:0.0/0

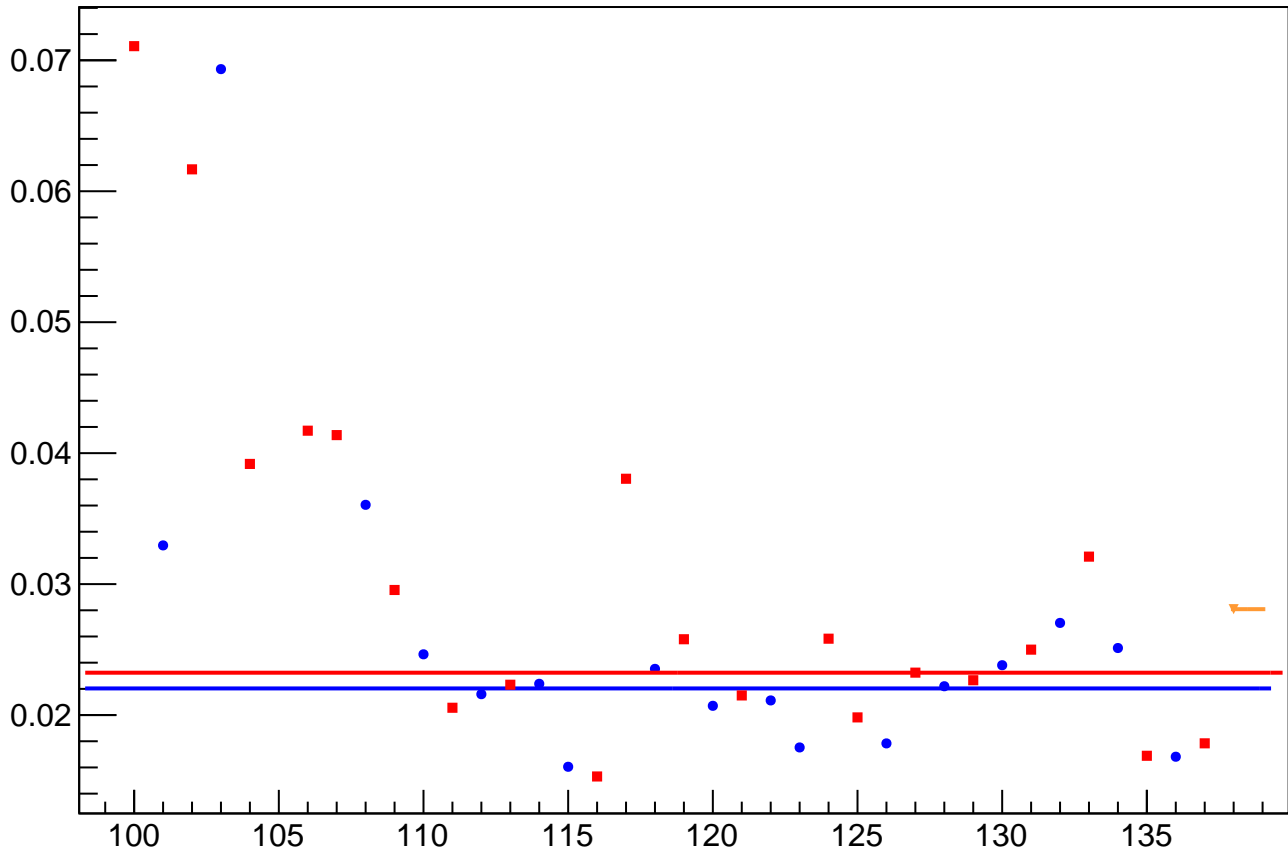
-0.547+/-0.000 χ^2 /NDF: 48623336.5/17

Right Out: -0.559+/-0.000 χ^2 /NDF: 65741796.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.559+/-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: 0.028+/-0.000 χ^2 /NDF:0.0/0

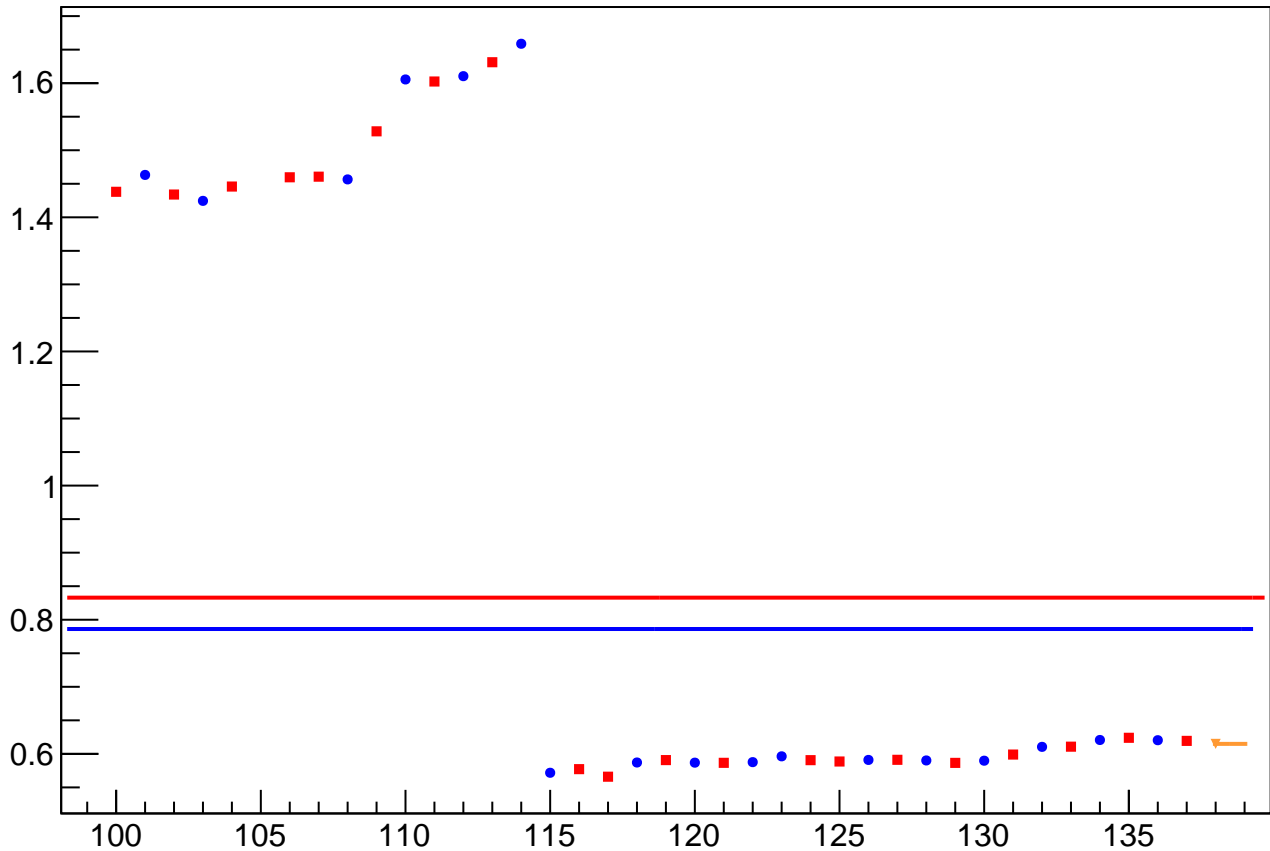
Right Out: 0.023+/-0.000 χ^2 /NDF: 1169205.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.022+/-0.000 χ^2 /NDF: 1010161.2/17

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: 0.615+/-0.000 χ^2/NDF : 0.0/0

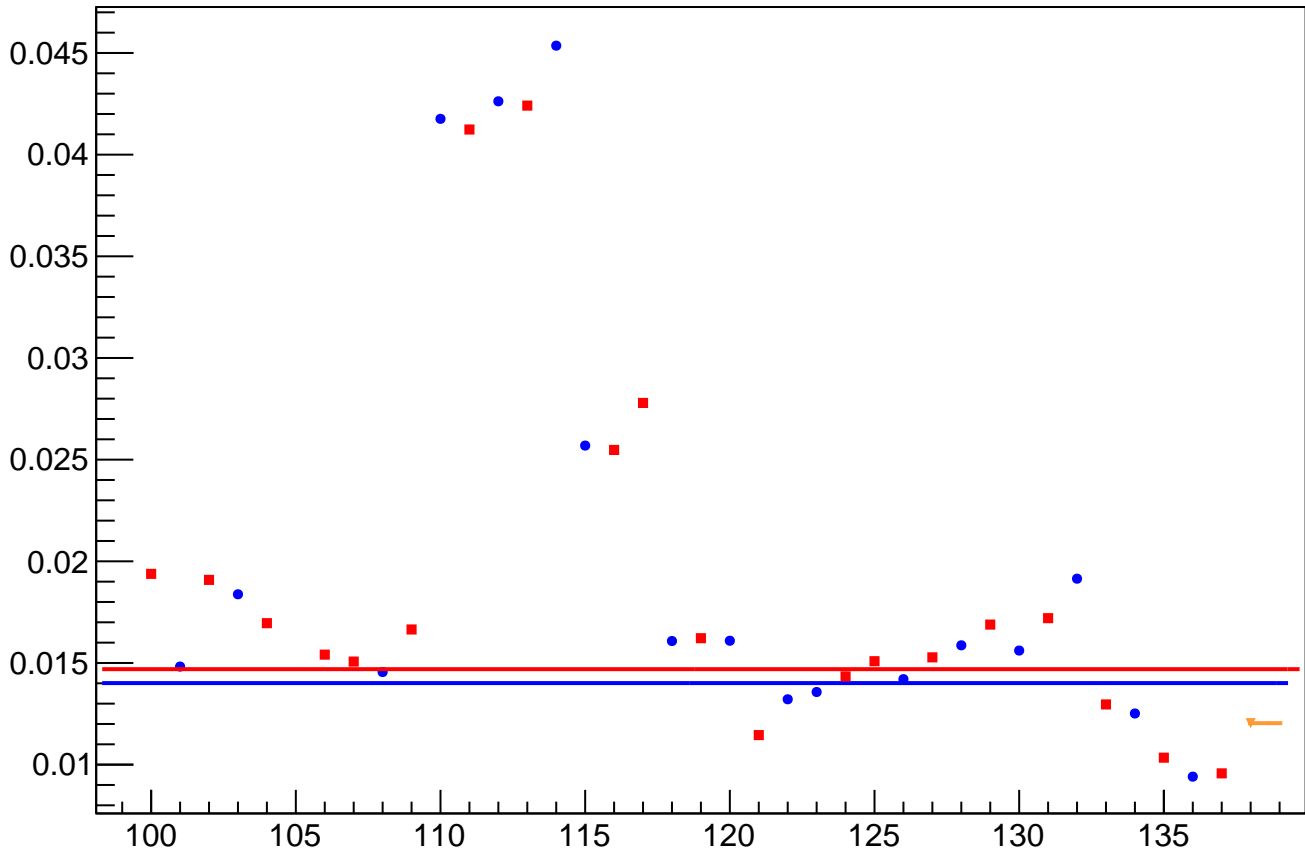
0.762+/-0.000 χ^2/NDF : 3711476789.1/17

Right Out: 0.833+/-0.000 χ^2/NDF : 4160348649.7/19

0.833+/-0.000 χ^2/NDF : 4160348649.7/19

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

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

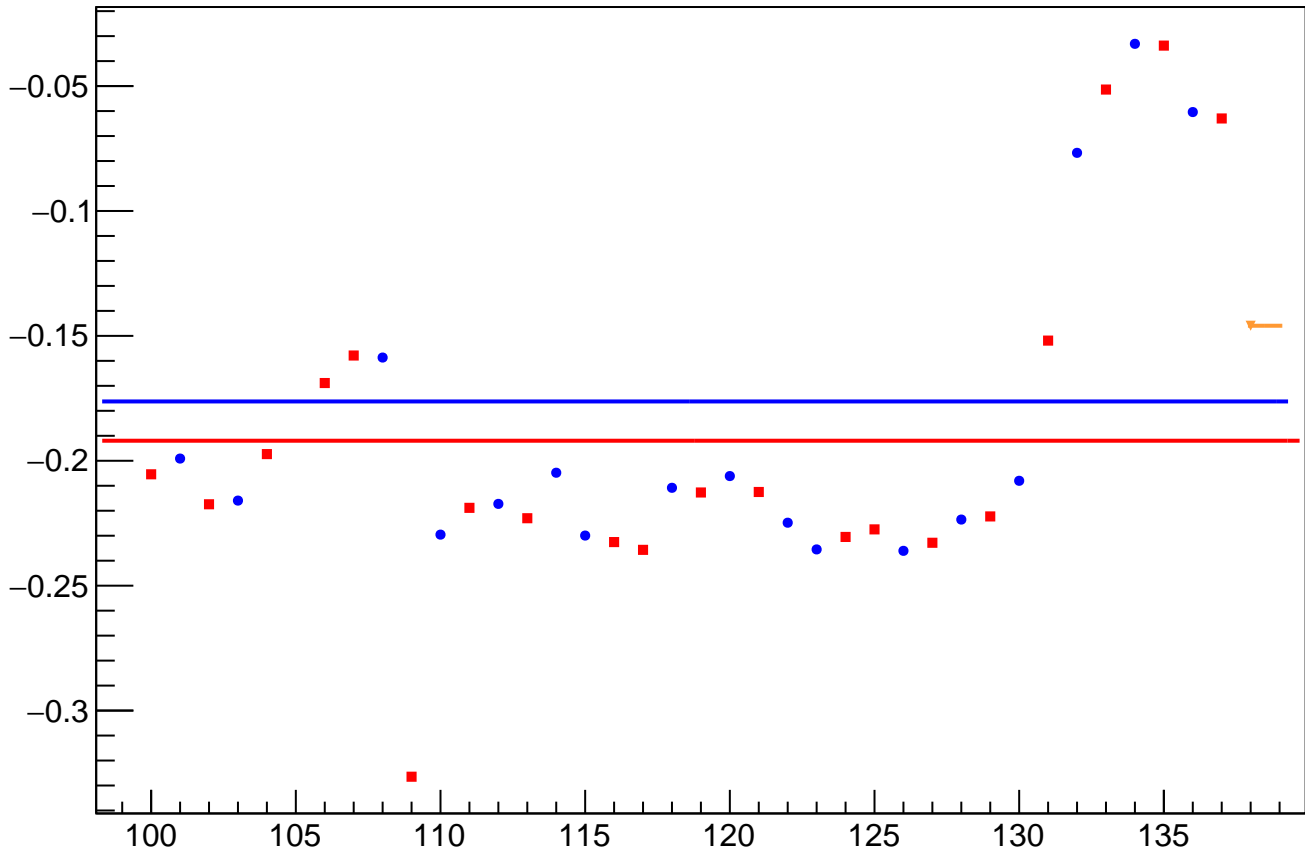
Right Out: 0.015+/-0.000 χ^2/NDF : 1280473.4/19

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

0.014+/-0.000 χ^2/NDF : 1437011.6/17

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: -0.146+/-0.000 χ^2 /NDF:0.0/0

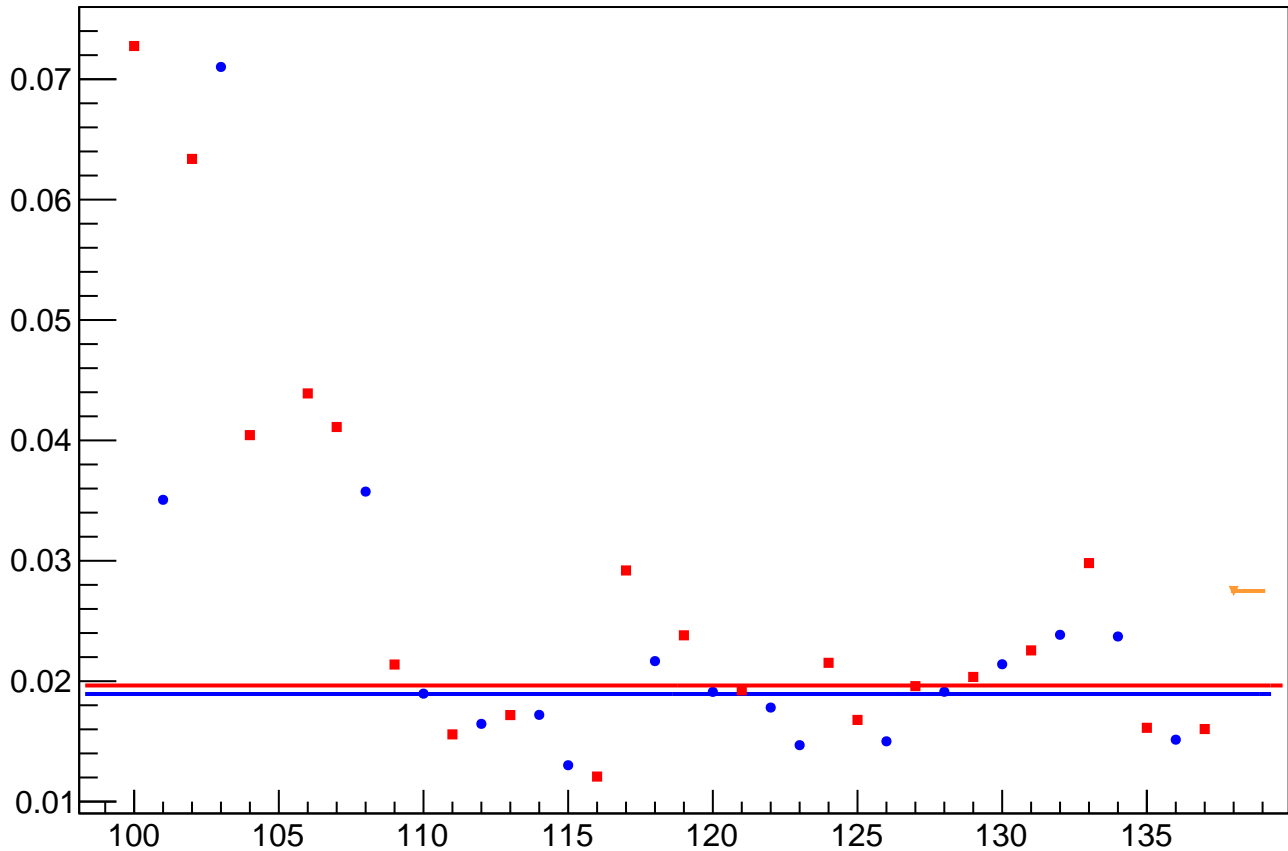
-0.175+/-0.000 χ^2 /NDF: 70844818.8/17

Right Out: -0.192+/-0.000 χ^2 /NDF: 83899255.4/19

-0.192+/-0.000 χ^2 /NDF: 83899255.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1205858.0/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

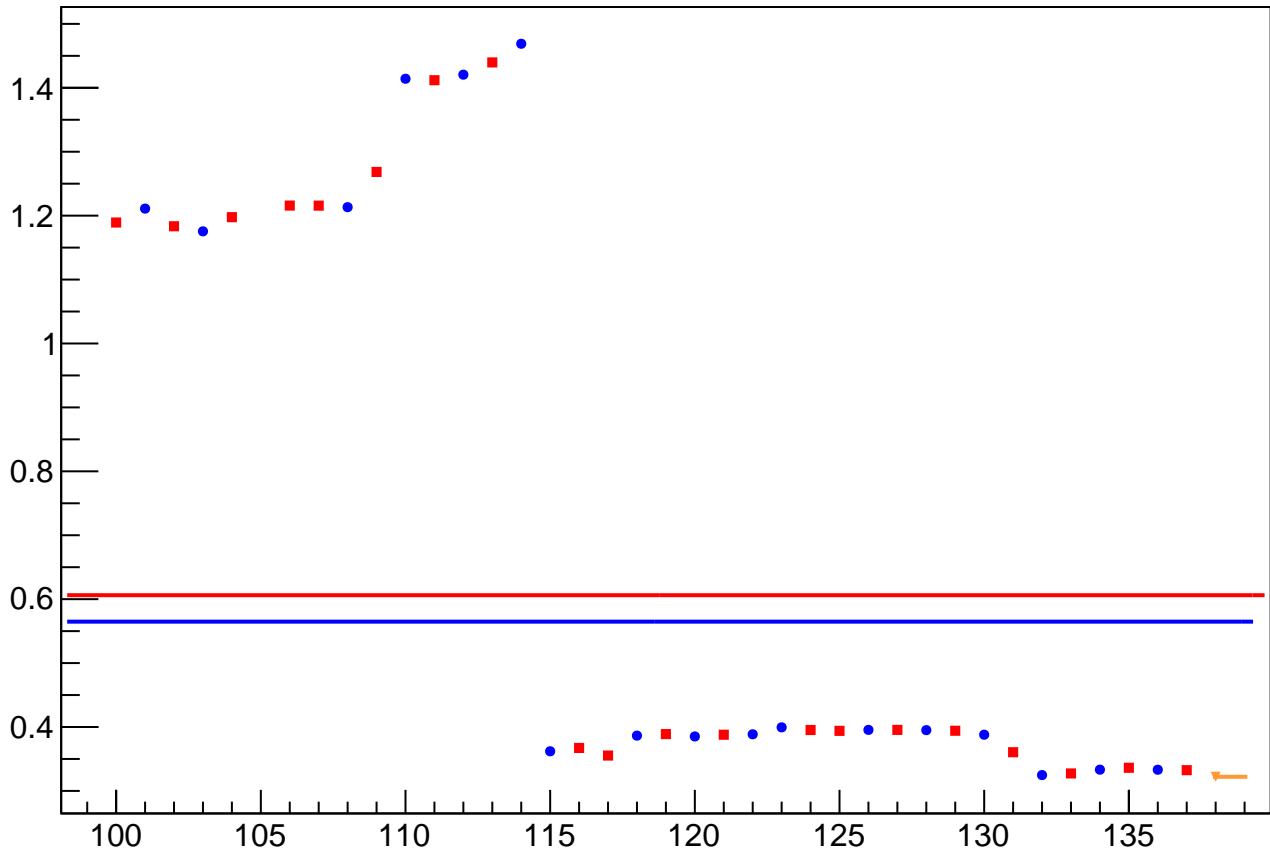
Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

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

0.019+/-0.000 χ^2/NDF : 1318683.3/17

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: 0.322+/-0.000 χ^2/NDF : 0.0/0

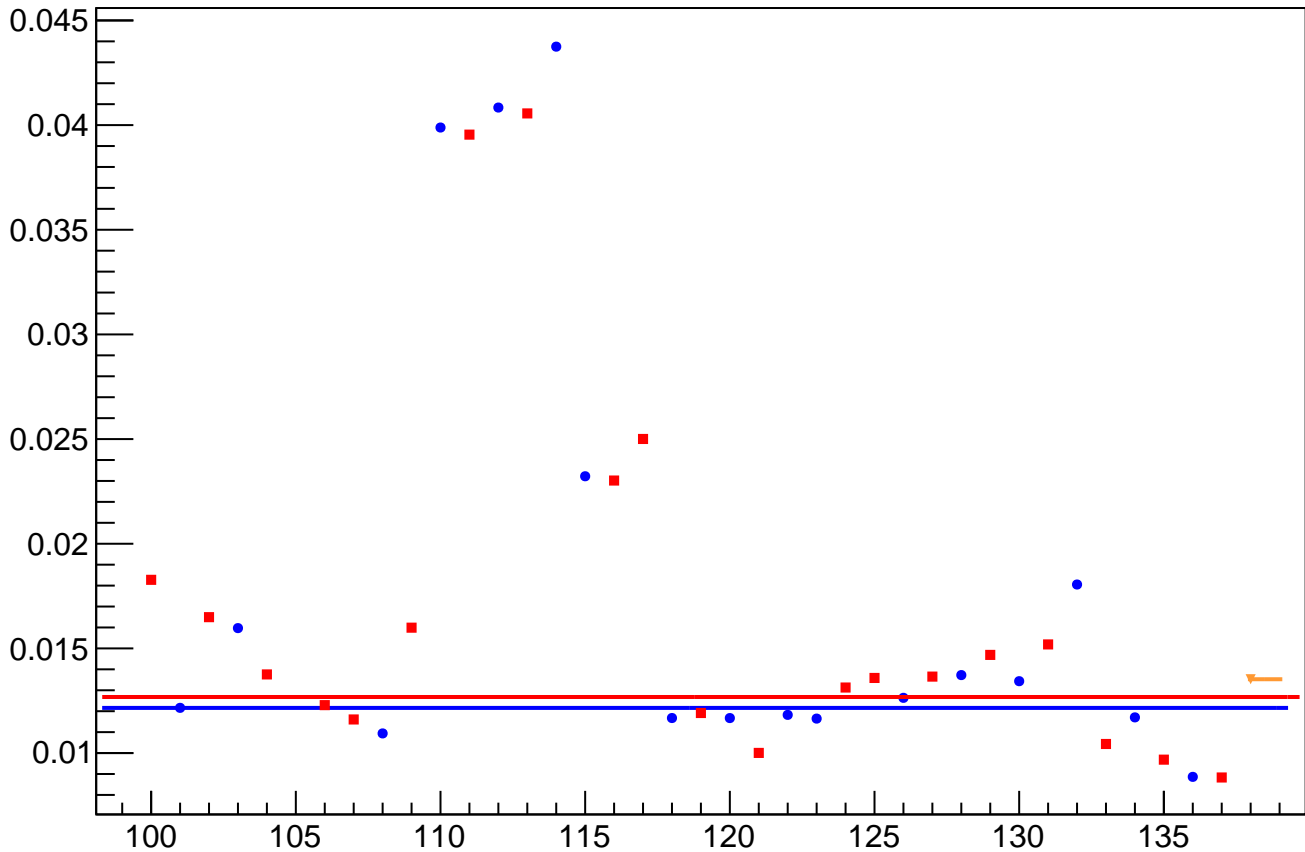
0.543+/-0.000 χ^2/NDF : 5237342380.2/17

Right Out: 0.606+/-0.000 χ^2/NDF : 5517630064.2/19

0.606+/-0.000 χ^2/NDF : 5517630064.2/19

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

yield_bpm4eY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1309888.8/16

Left Out: 0.014+/-0.000 χ^2/NDF :0.0/0

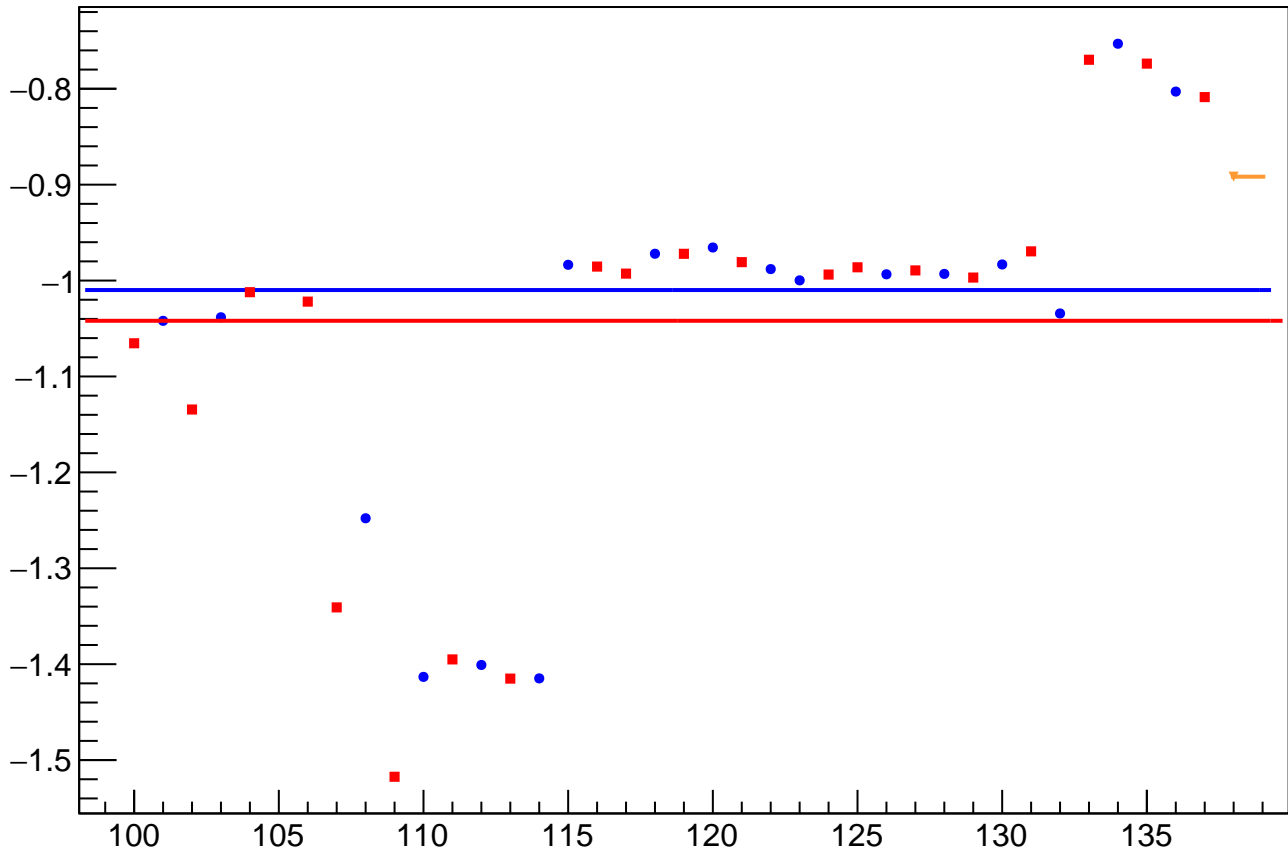
Right Out: 0.013+/-0.000 χ^2/NDF : 1289415.7/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.012+/-0.000 χ^2/NDF : 1323032.6/17

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: -0.892 ± 0.000 χ^2/NDF : 0.0/0

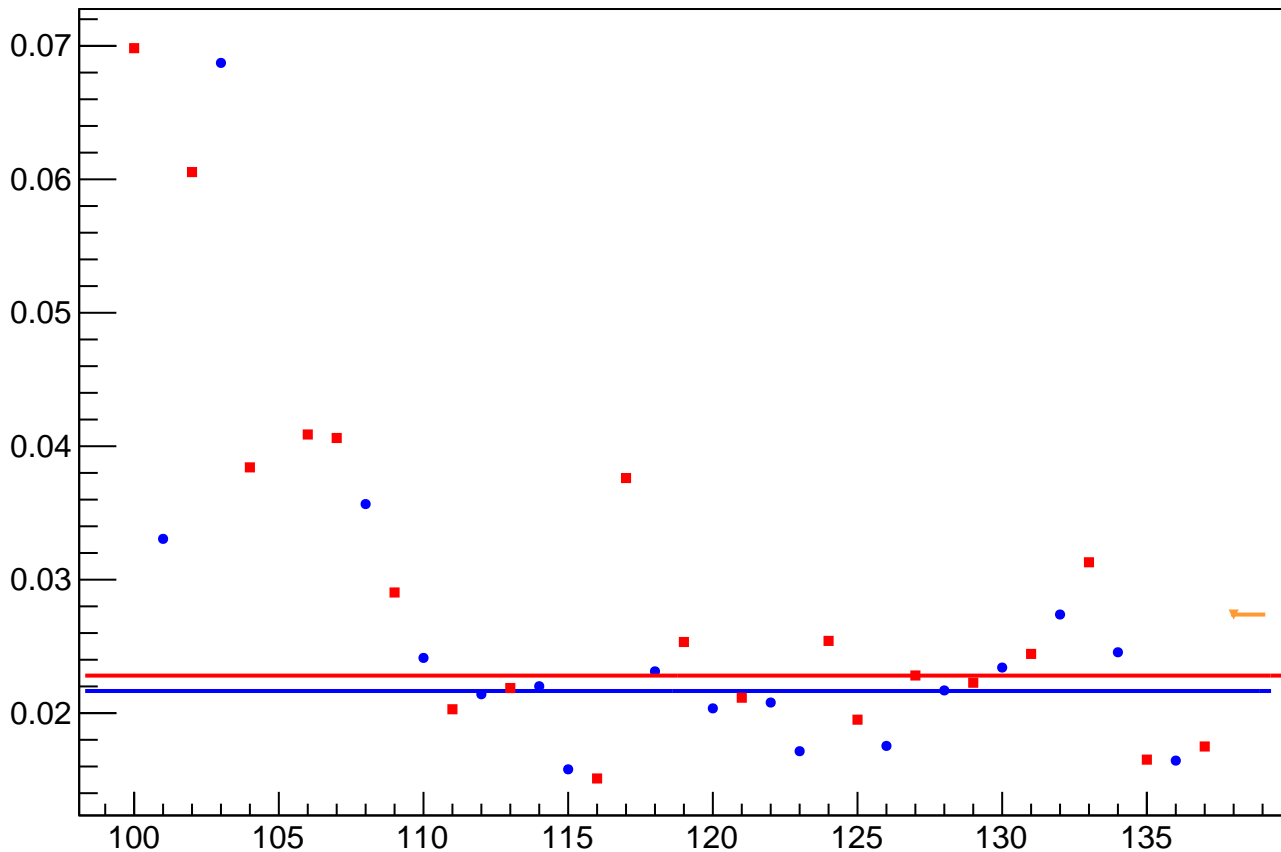
Right Out: -1.042 ± 0.000 χ^2/NDF : 530175104.2/19

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

-1.002 ± 0.000 χ^2/NDF : 397903534.1/17

-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: 0.027+/-0.000 χ^2 /NDF:0.0/0

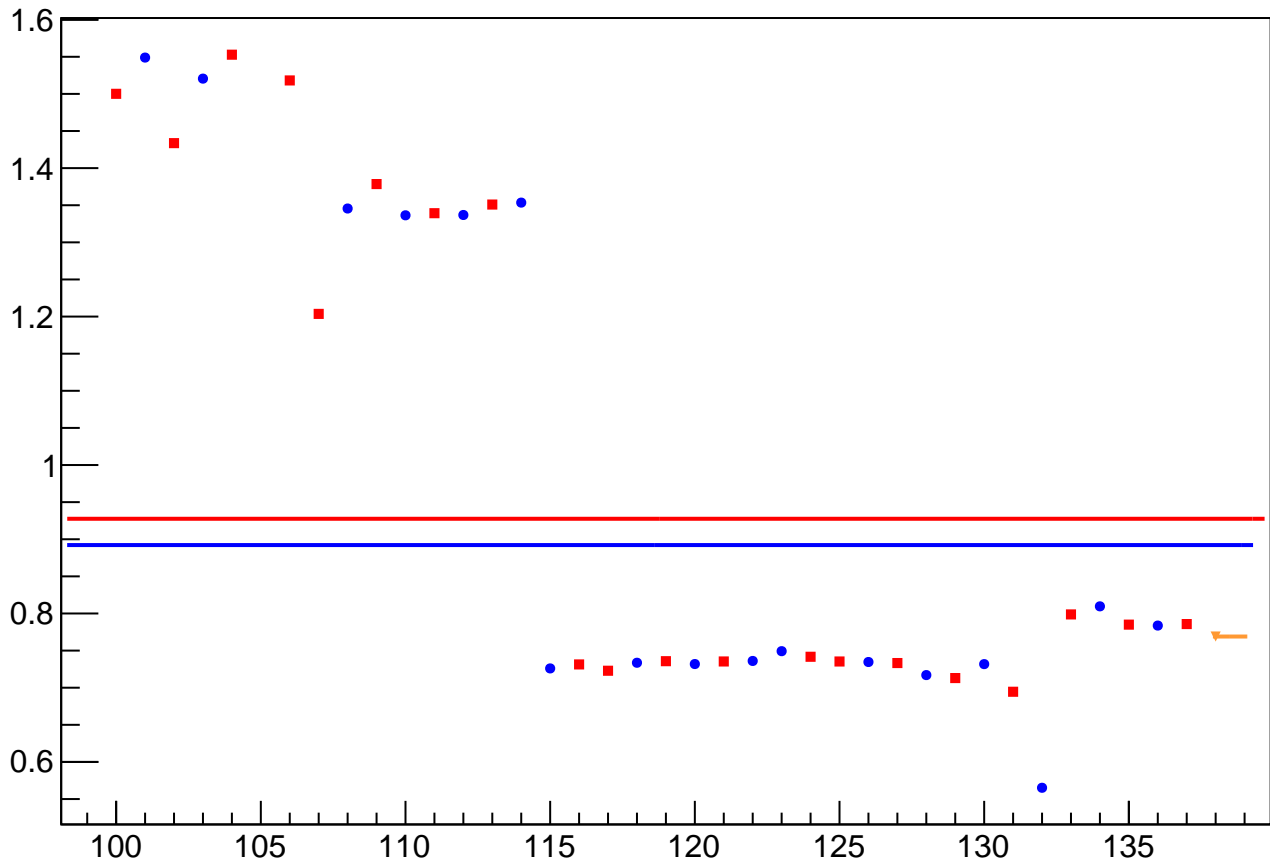
Right Out: 0.023+/-0.000 χ^2 /NDF: 1165116.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.022+/-0.000 χ^2 /NDF: 1031646.2/17

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: 0.769+/-0.000 χ^2/NDF : 0.0/0

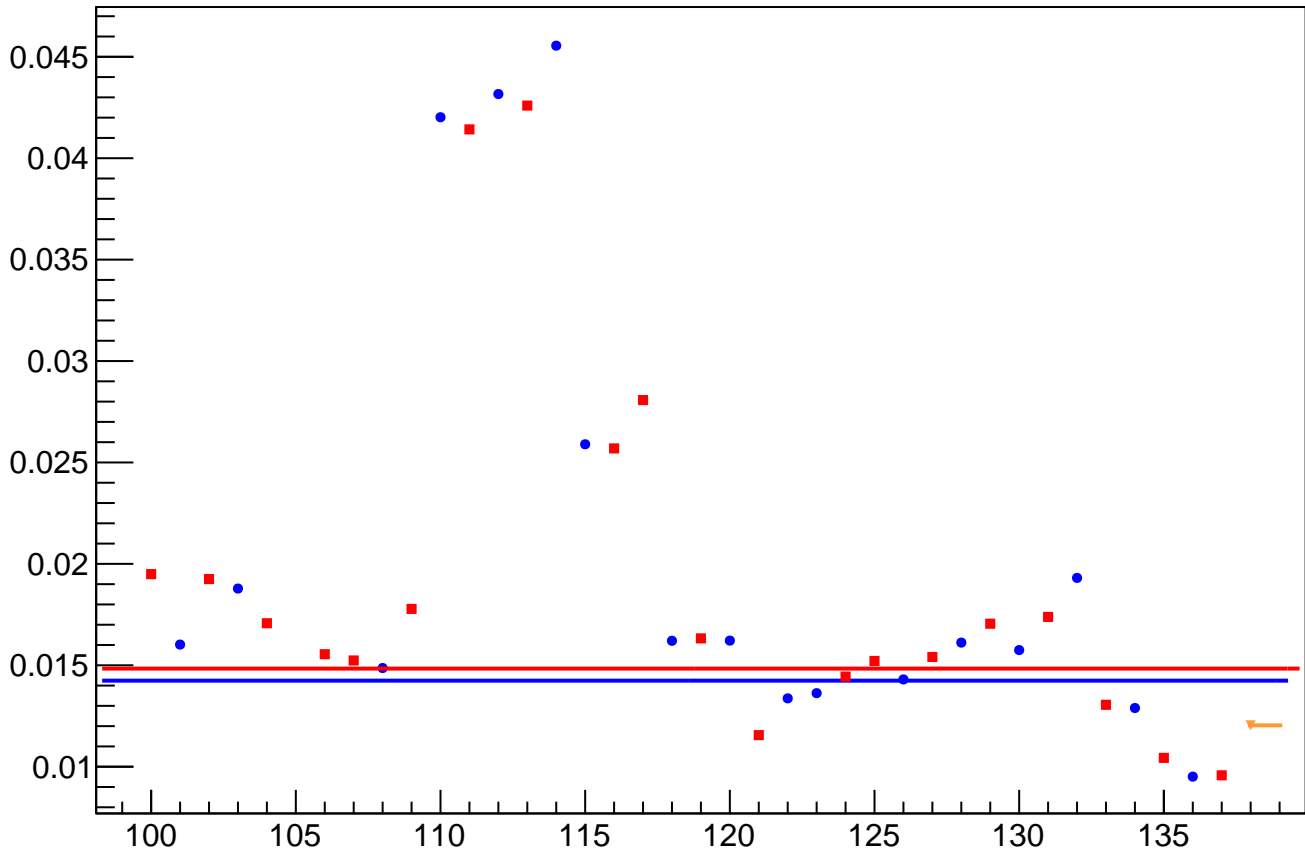
0.874+/-0.000 χ^2/NDF : 2476204235.1/17

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: 0.012+/-0.000 χ^2/NDF : 0.0/0

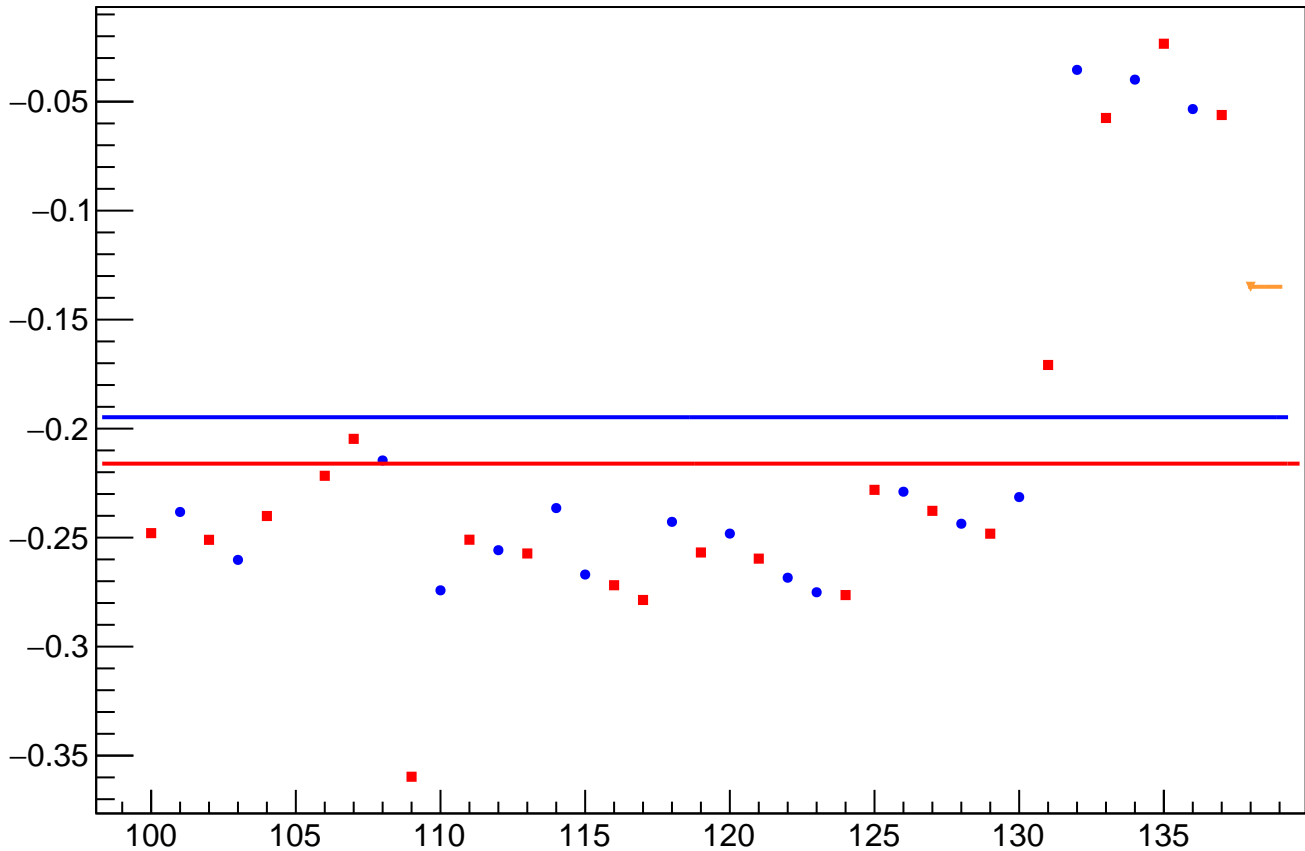
Right Out: 0.015+/-0.000 χ^2/NDF : 1291174.0/19

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

0.014+/-0.000 χ^2/NDF : 1455646.5/17

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: -0.135+/-0.000 χ^2 /NDF:0.0/0

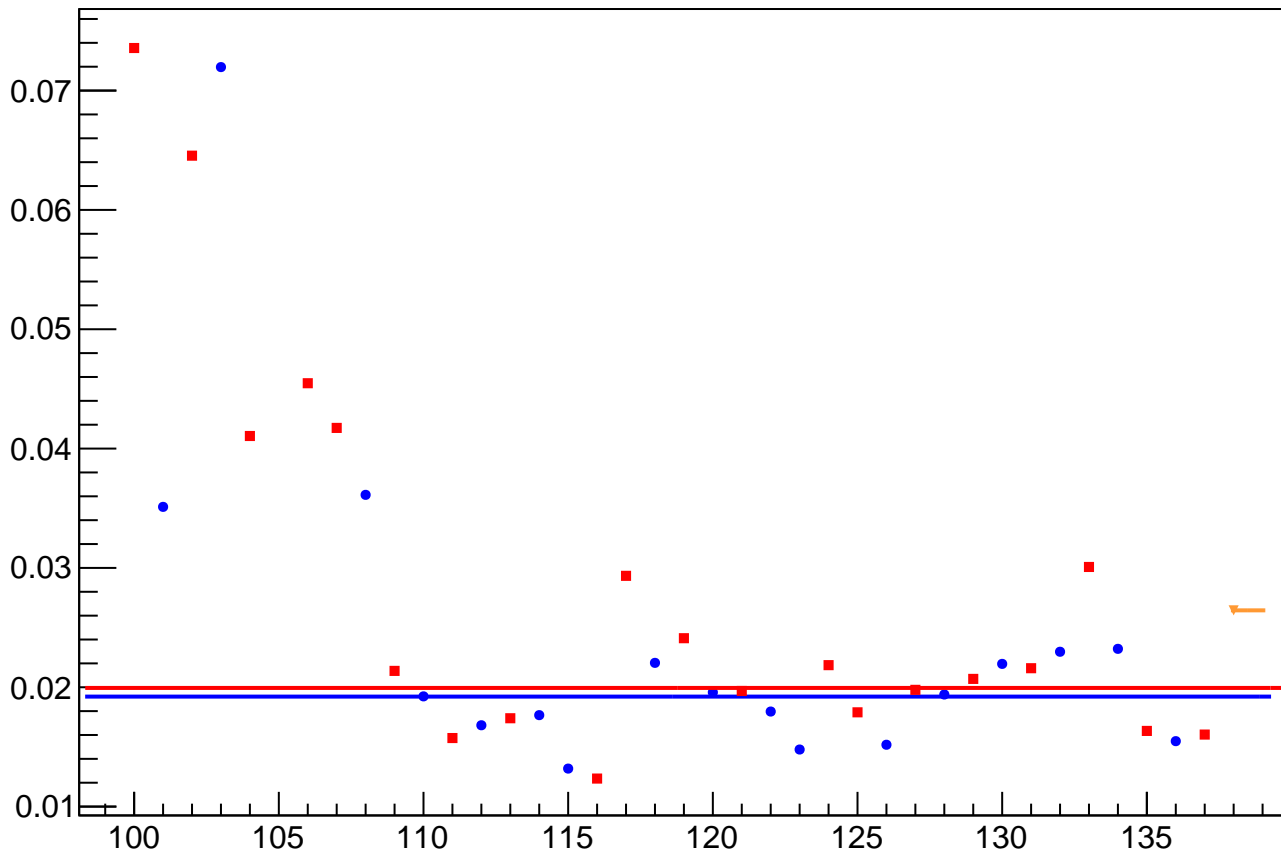
Right Out: -0.216+/-0.000 χ^2 /NDF: 112167032.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.191+/-0.000 χ^2 /NDF: 111559655.5/17

-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: 0.026+/-0.000 χ^2/NDF :0.0/0

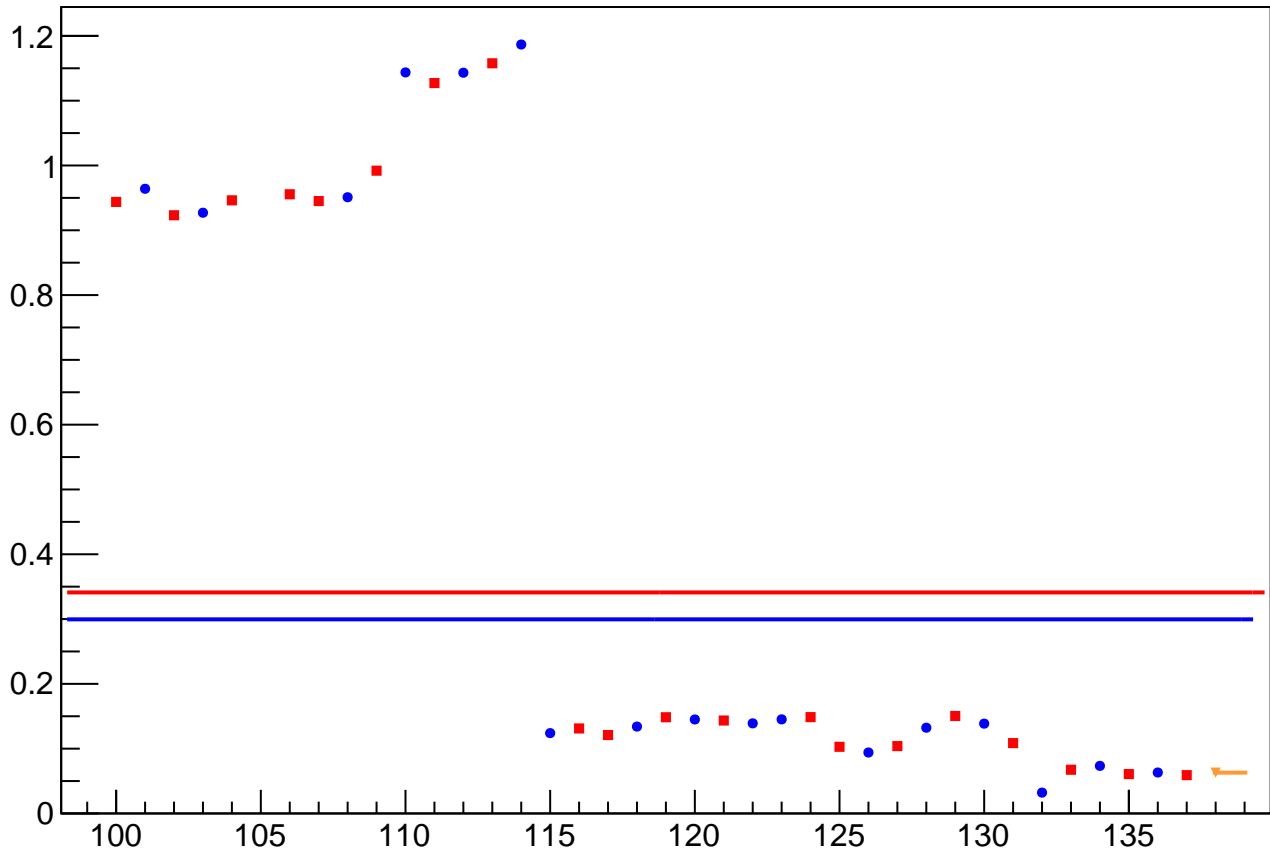
Right Out: 0.020+/-0.000 χ^2/NDF : 1455211.7/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.020+/-0.000 χ^2/NDF : 1261793.1/17

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: 0.063+/-0.000 χ^2/NDF : 0.0/0

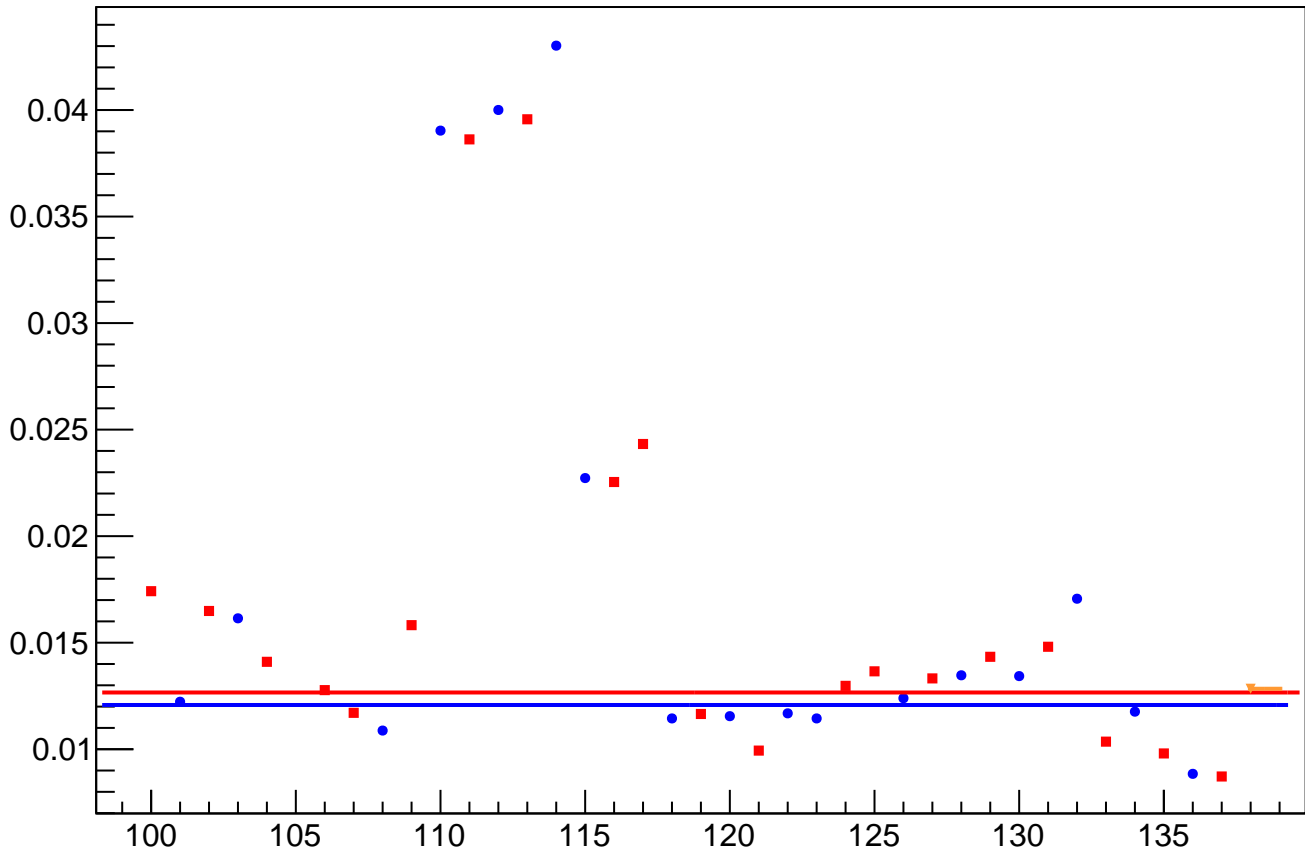
Right Out: 0.341+/-0.000 χ^2/NDF : 5453748737.7/19

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

0.276+/-0.000 χ^2/NDF : 5380790167.9/17

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: 0.013+/-0.000 χ^2/NDF : 0.0/0

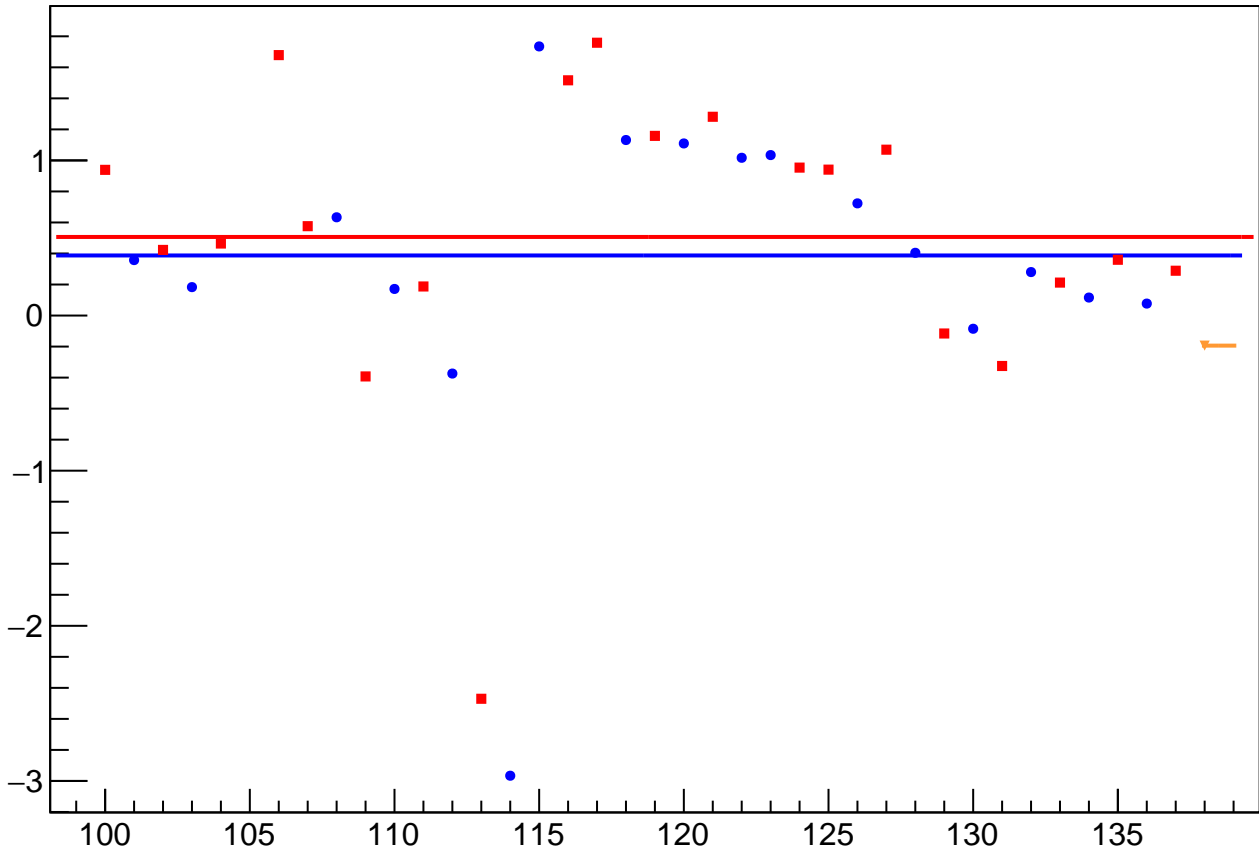
Right Out: 0.013+/-0.000 χ^2/NDF : 1255391.1/19

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

0.012+/-0.000 χ^2/NDF : 1286578.9/17

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: -0.194+/-0.000 χ^2/NDF : 0.0/0

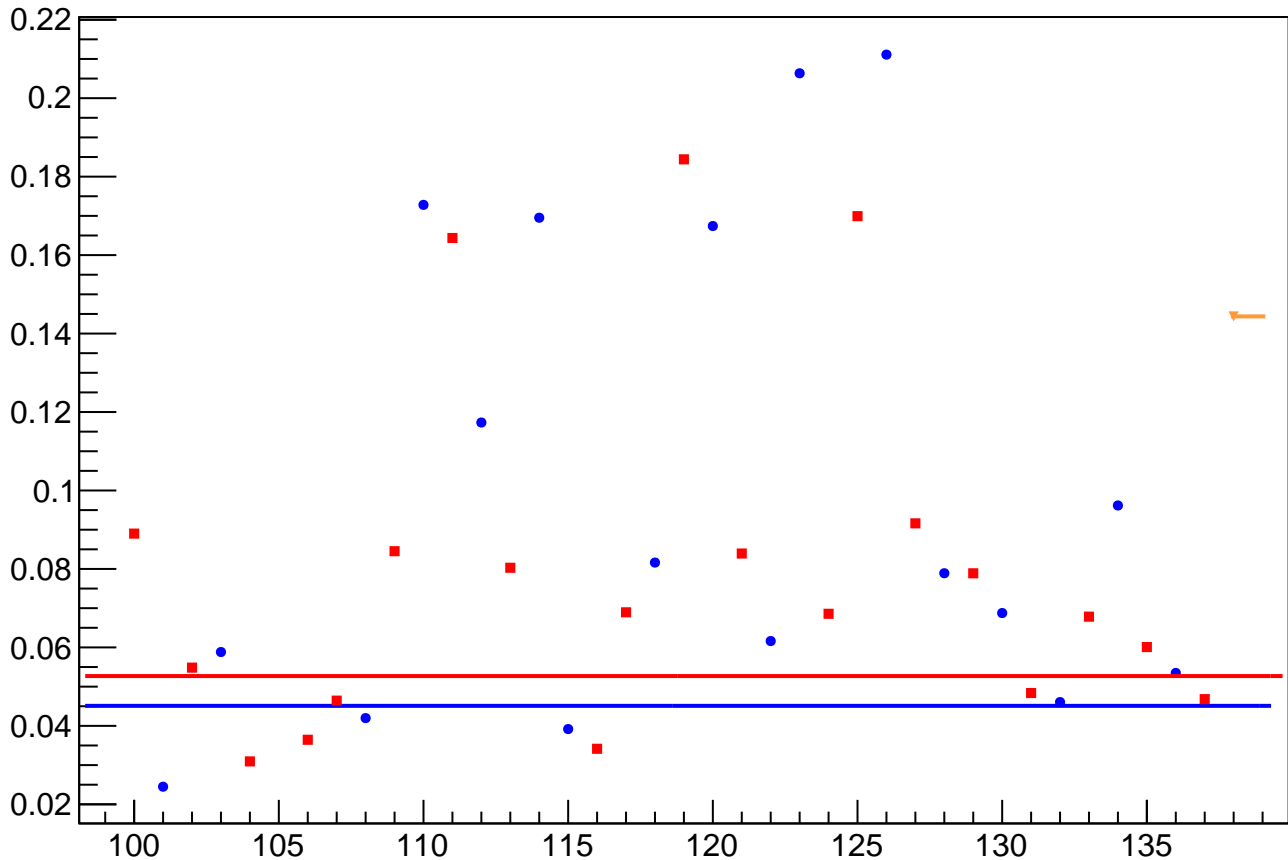
Right Out: 0.507+/-0.000 χ^2/NDF : 995347030.4/19

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

0.377+/-0.000 χ^2/NDF : 258154438.2/17

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: 0.144+/-0.000 χ^2/NDF : 0.0/0

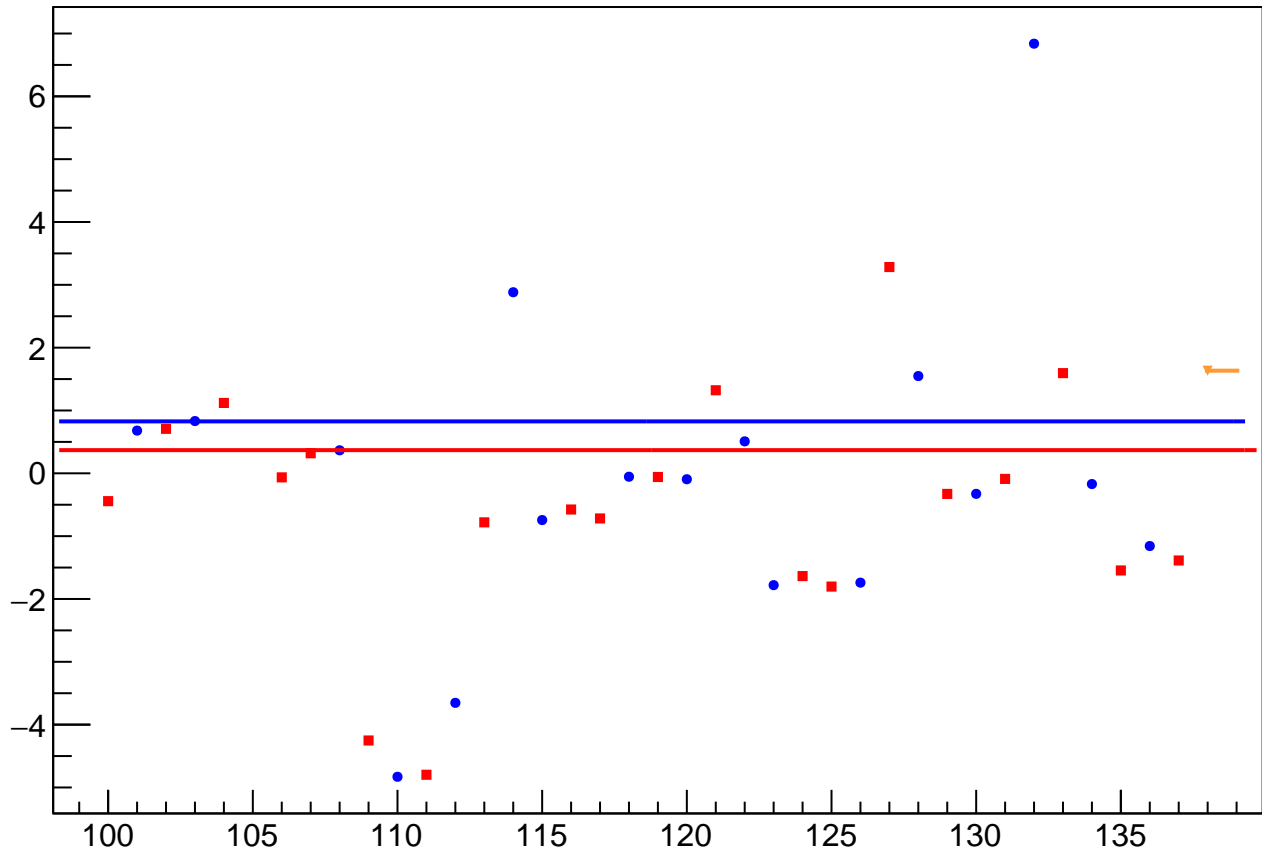
Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

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

0.047+/-0.000 χ^2/NDF : 3443869.0/17

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: 1.634+/-0.000 χ^2/NDF :0.0/0

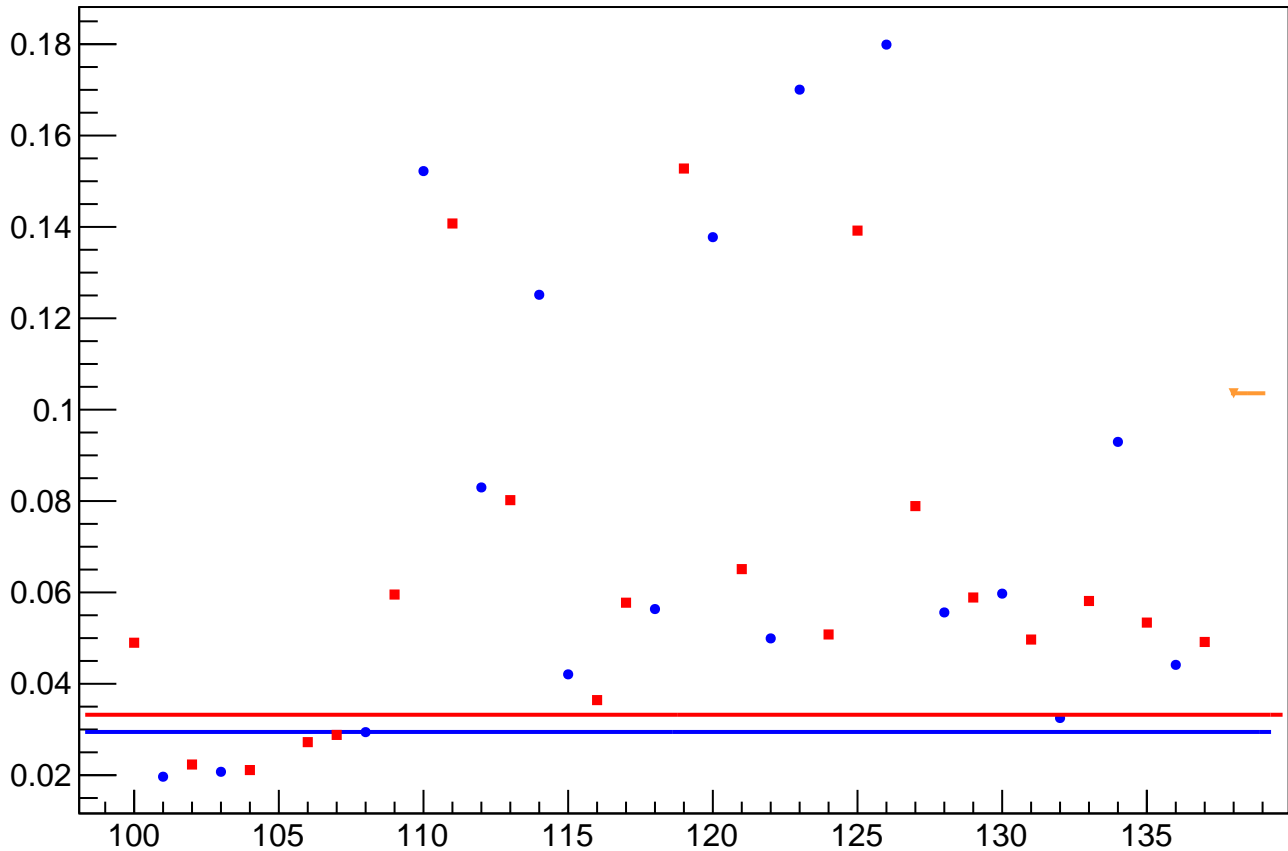
0.838+/-0.000 χ^2/NDF : 10973167759.1/17

Right Out: 0.369+/-0.000 χ^2/NDF : 4985860510.0/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.369+/-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: 0.104+/-0.000 χ^2/NDF : 0.0/0

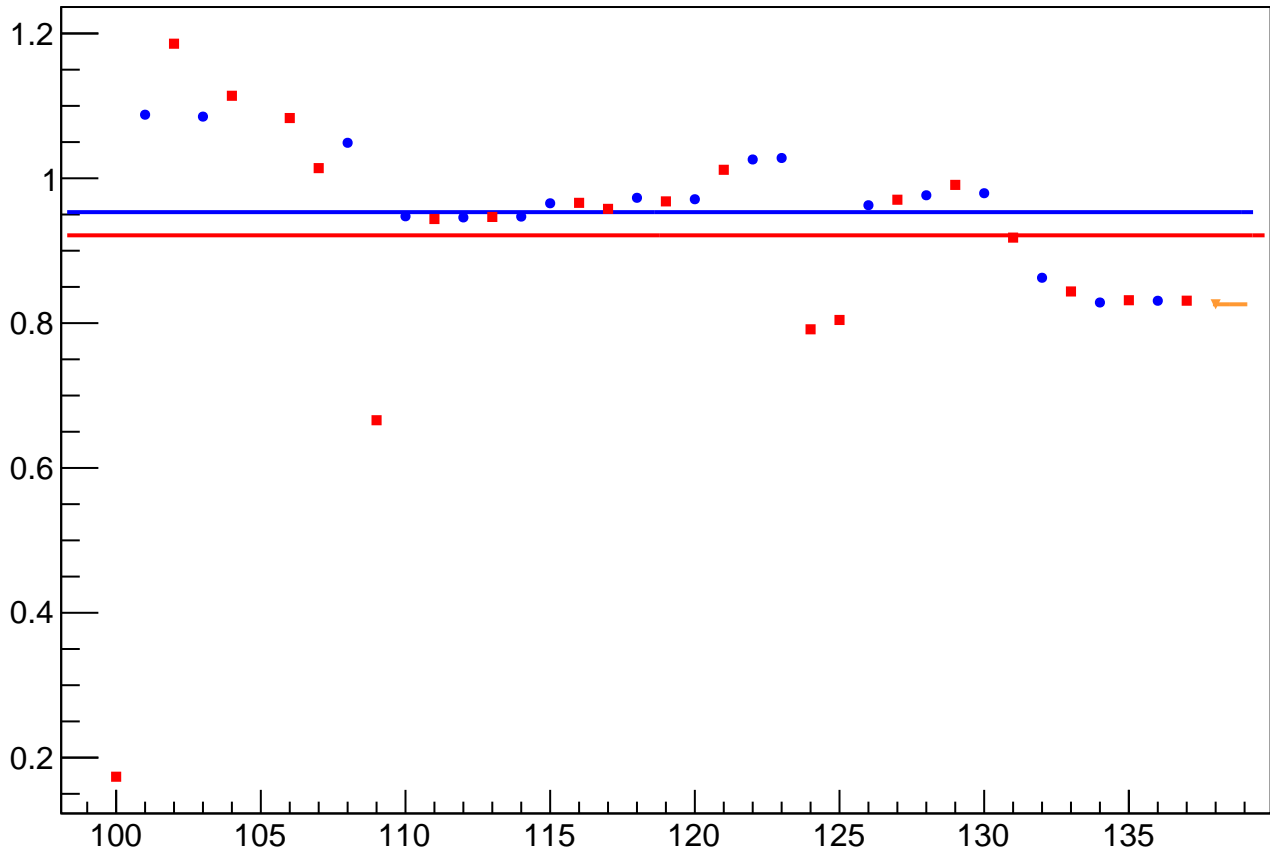
Right Out: 0.033+/-0.000 χ^2/NDF : 3110014.7/19

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

0.031+/-0.000 χ^2/NDF : 3672481.3/17

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: 0.826+/-0.000 χ^2/NDF : 0.0/0

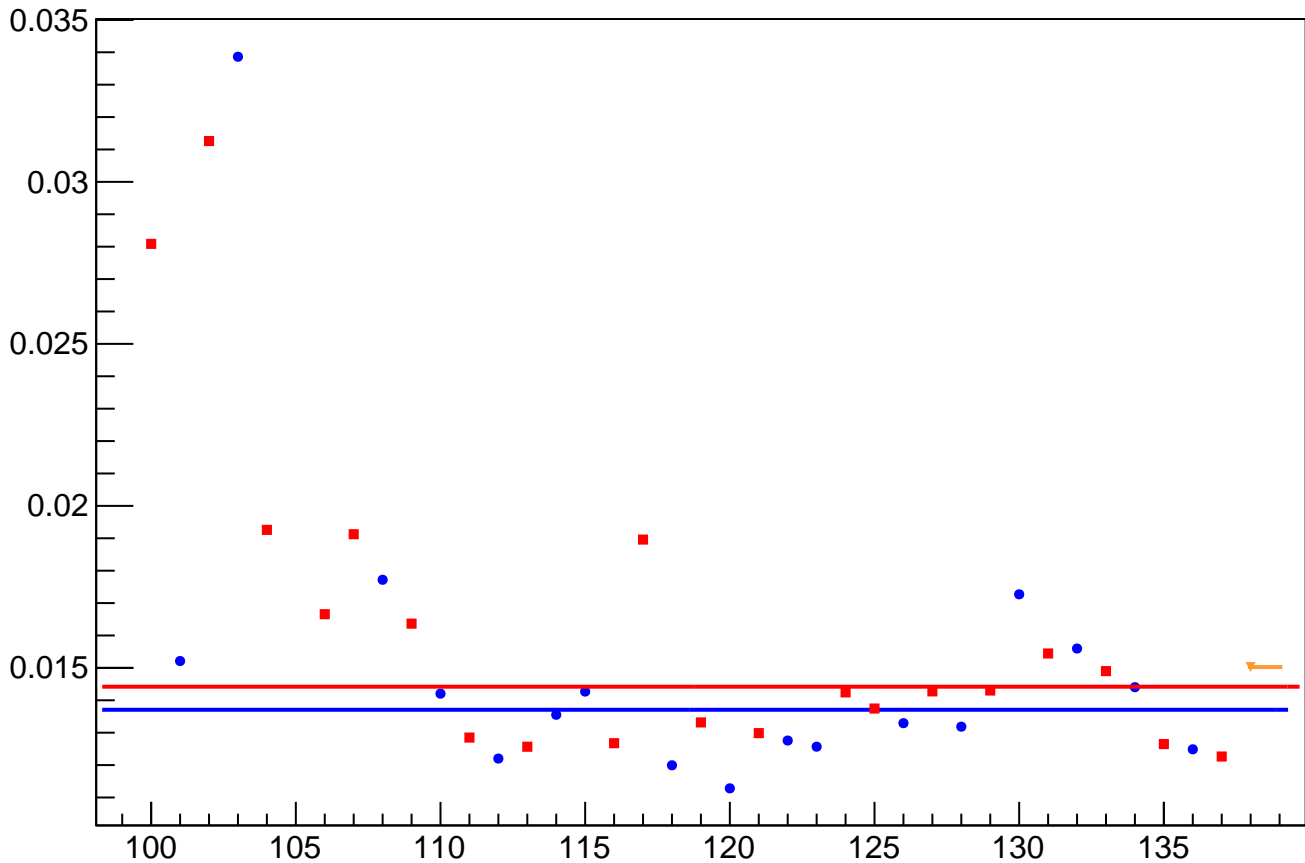
0.943+/-0.000 χ^2/NDF : 214277825.7/17

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: 0.015+/-0.000 χ^2 /NDF:0.0/0

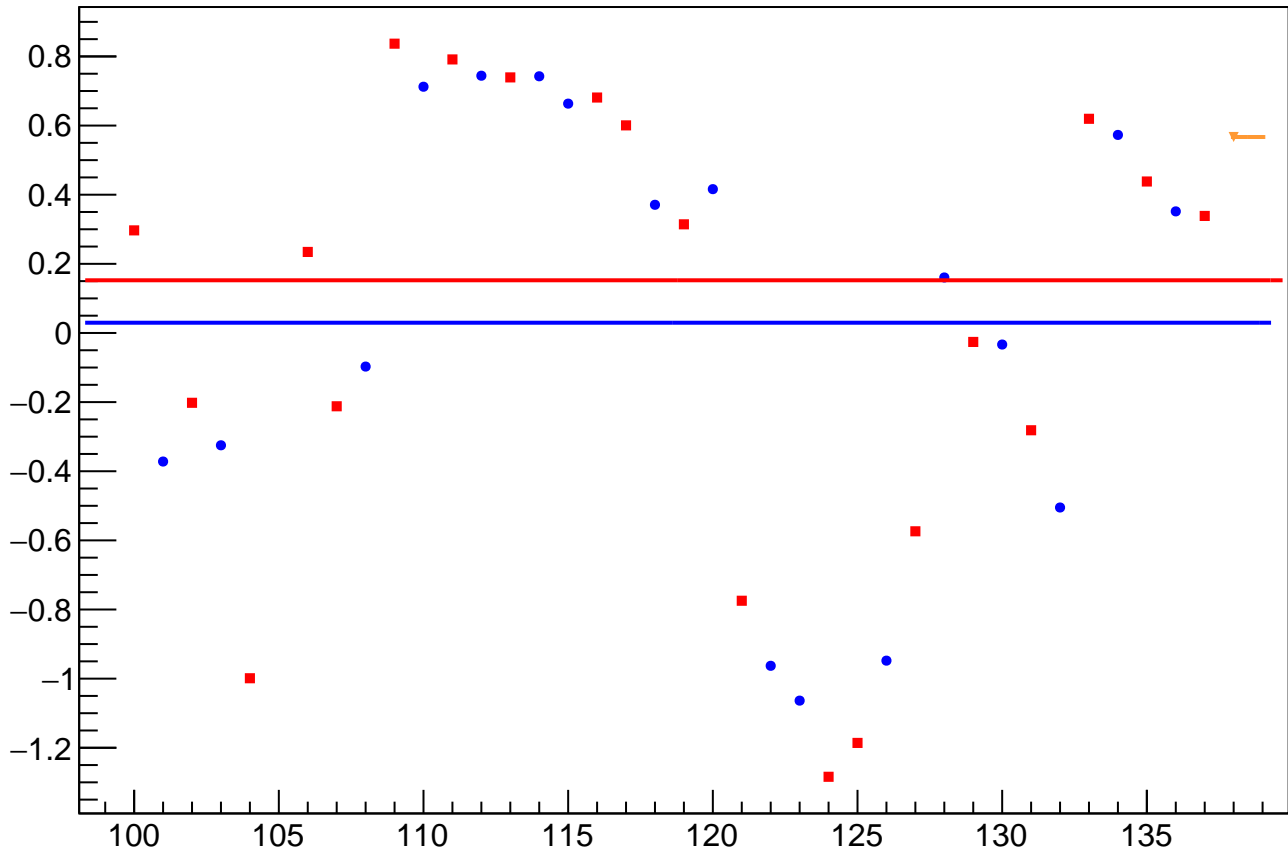
Right Out: 0.014+/-0.000 χ^2 /NDF: 506553.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.014+/-0.000 χ^2 /NDF: 554668.7/17

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: 0.567+/-0.000 χ^2/NDF : 0.0/0

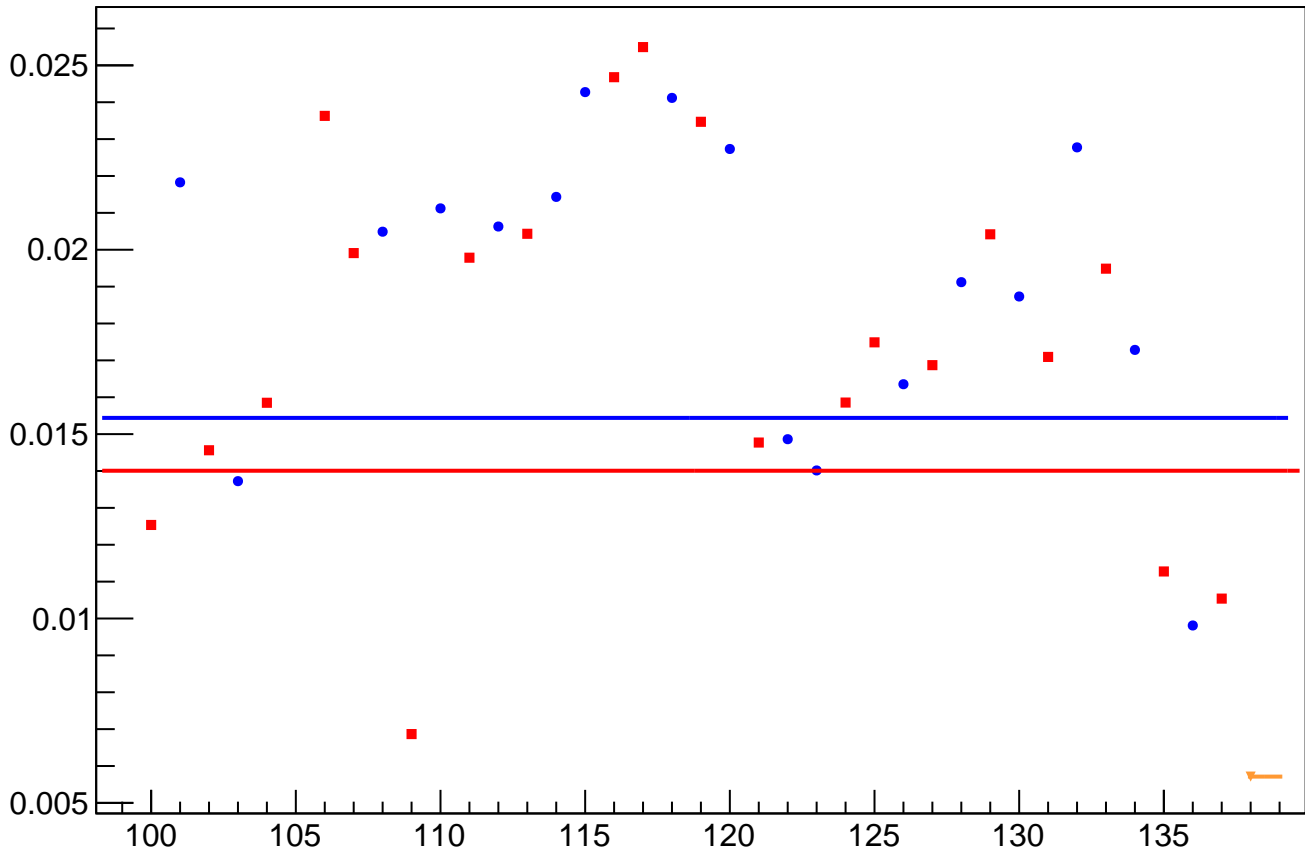
0.260+/-0.000 χ^2/NDF : 9229508357.4/17

Right Out: 0.152+/-0.000 χ^2/NDF : 12673501089.9/19

0.152+/-0.000 χ^2/NDF : 12673501089.9/19

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

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

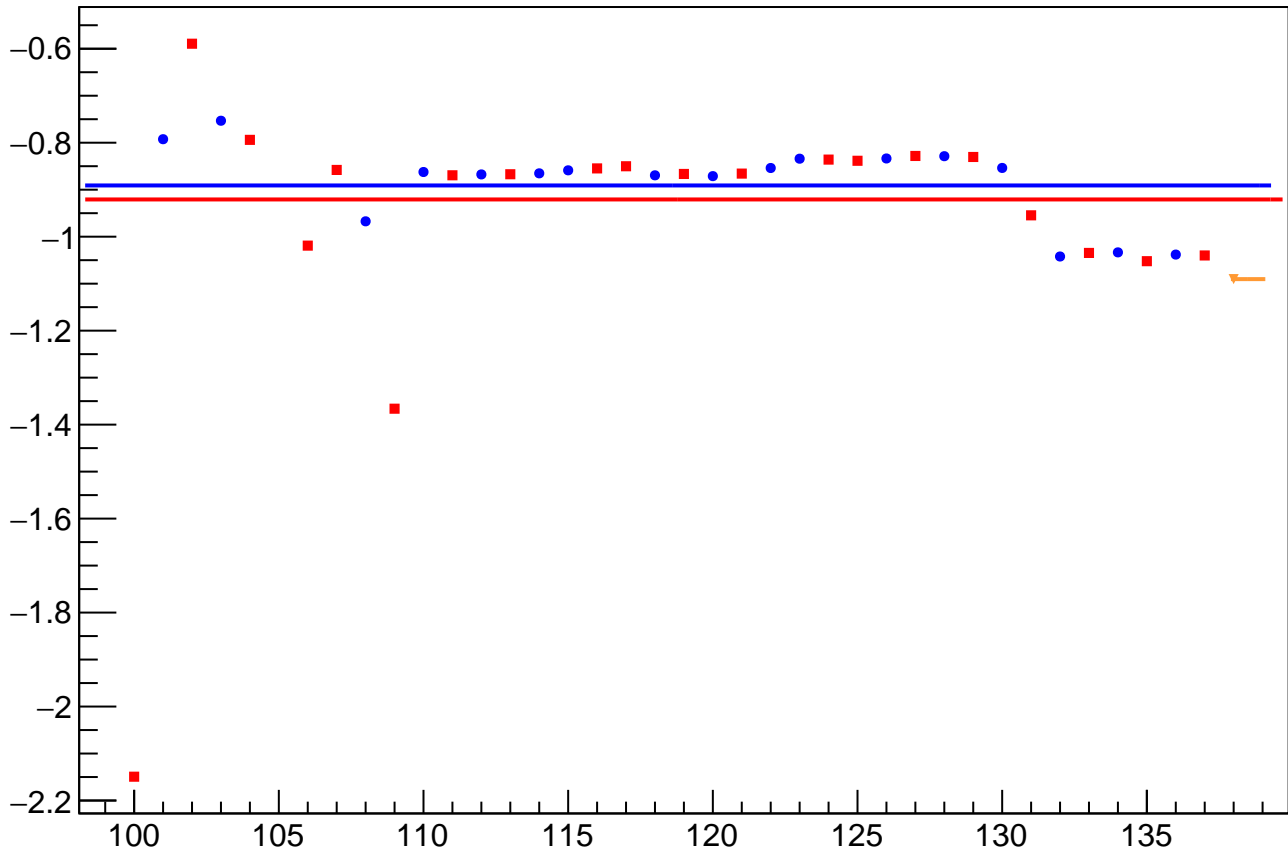
Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

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

0.011+/-0.000 χ^2/NDF : 3085764.3/17

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: -1.090+/-0.000 χ^2 /NDF: 0.0/0

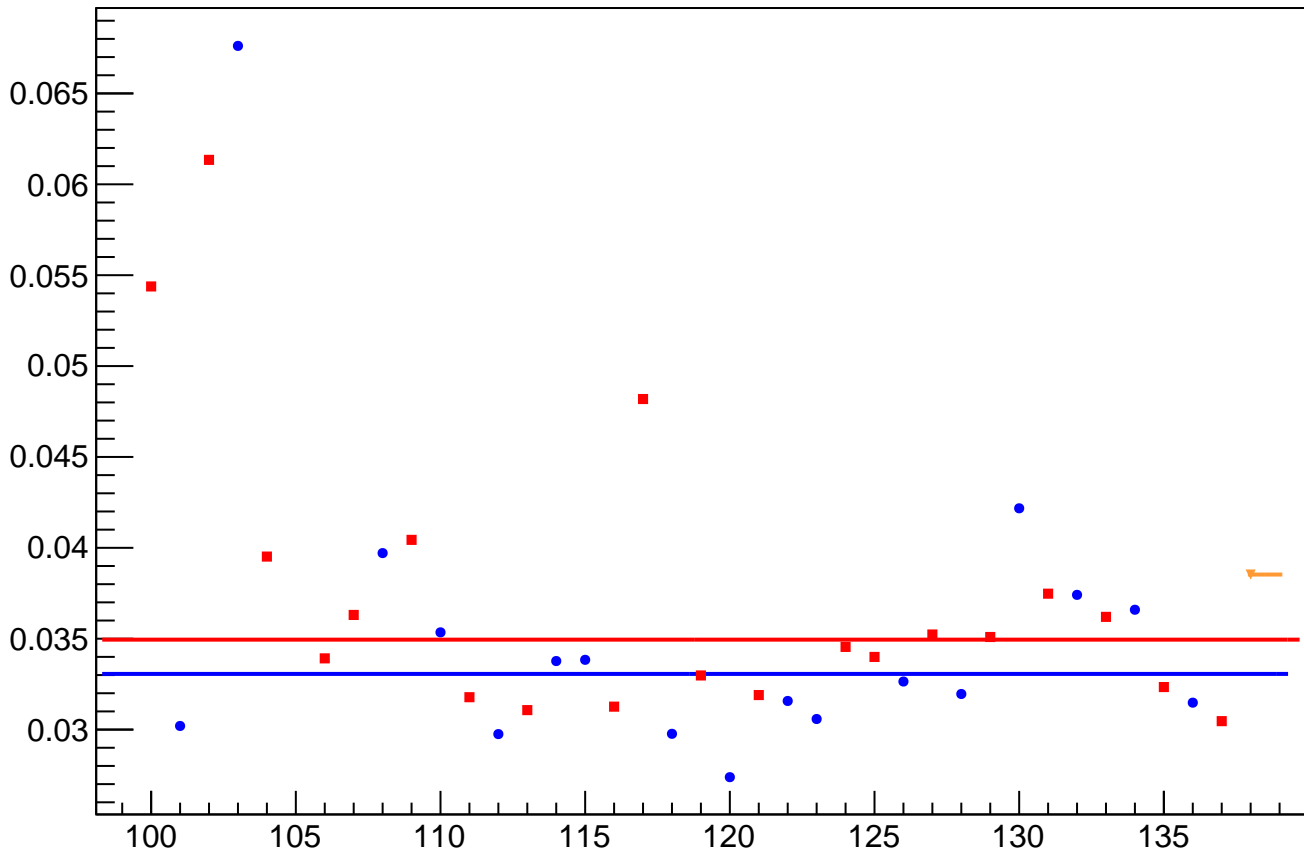
-0.905+/-0.000 χ^2 /NDF: 54409097.0/17

Right Out: -0.921+/-0.000 χ^2 /NDF: 131271770.4/19

-0.921+/-0.000 χ^2 /NDF: 131271770.4/19

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

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2 /NDF: 409286.7/16

Left Out: 0.039+/-0.000 χ^2 /NDF:0.0/0

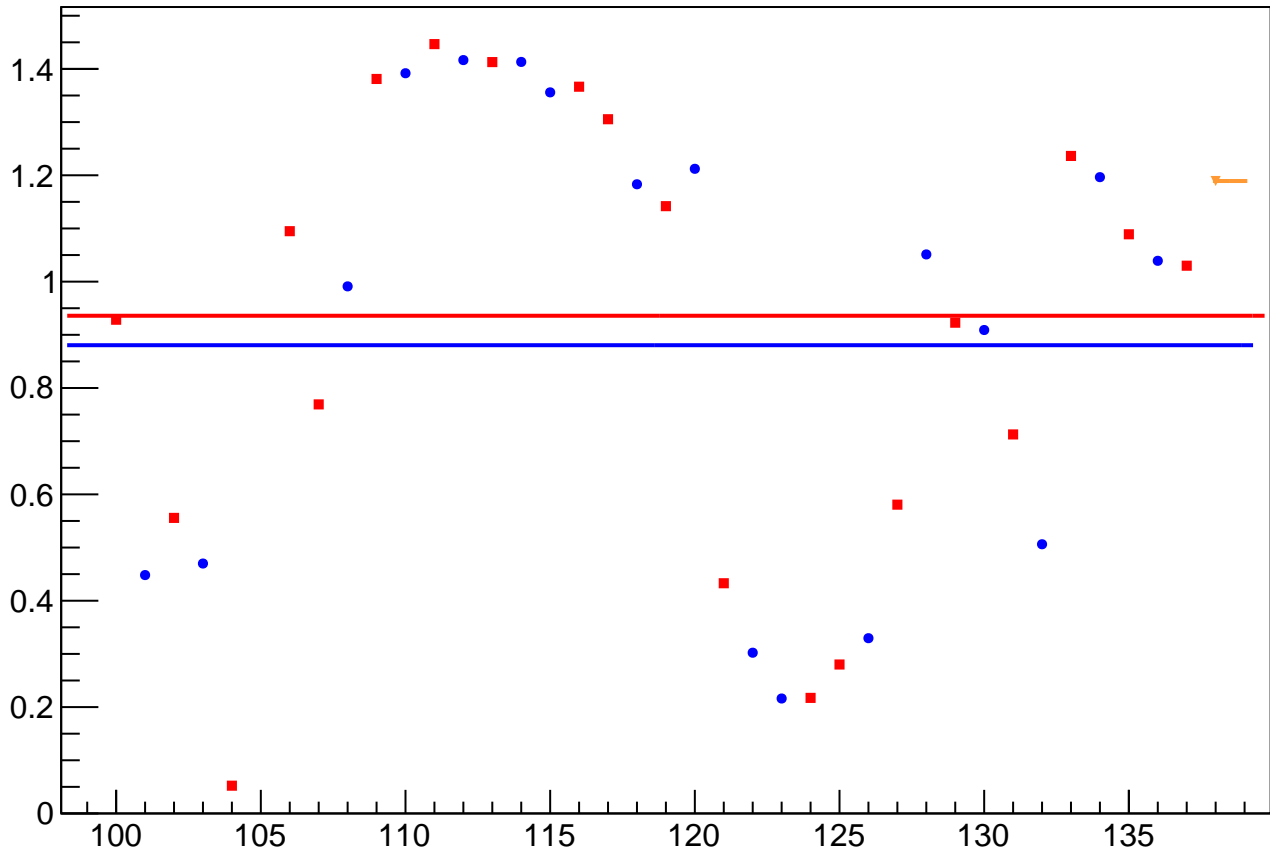
Right Out: 0.035+/-0.000 χ^2 /NDF: 280500.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.033+/-0.000 χ^2 /NDF: 431603.2/17

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: 1.189+/-0.000 χ^2/NDF : 0.0/0

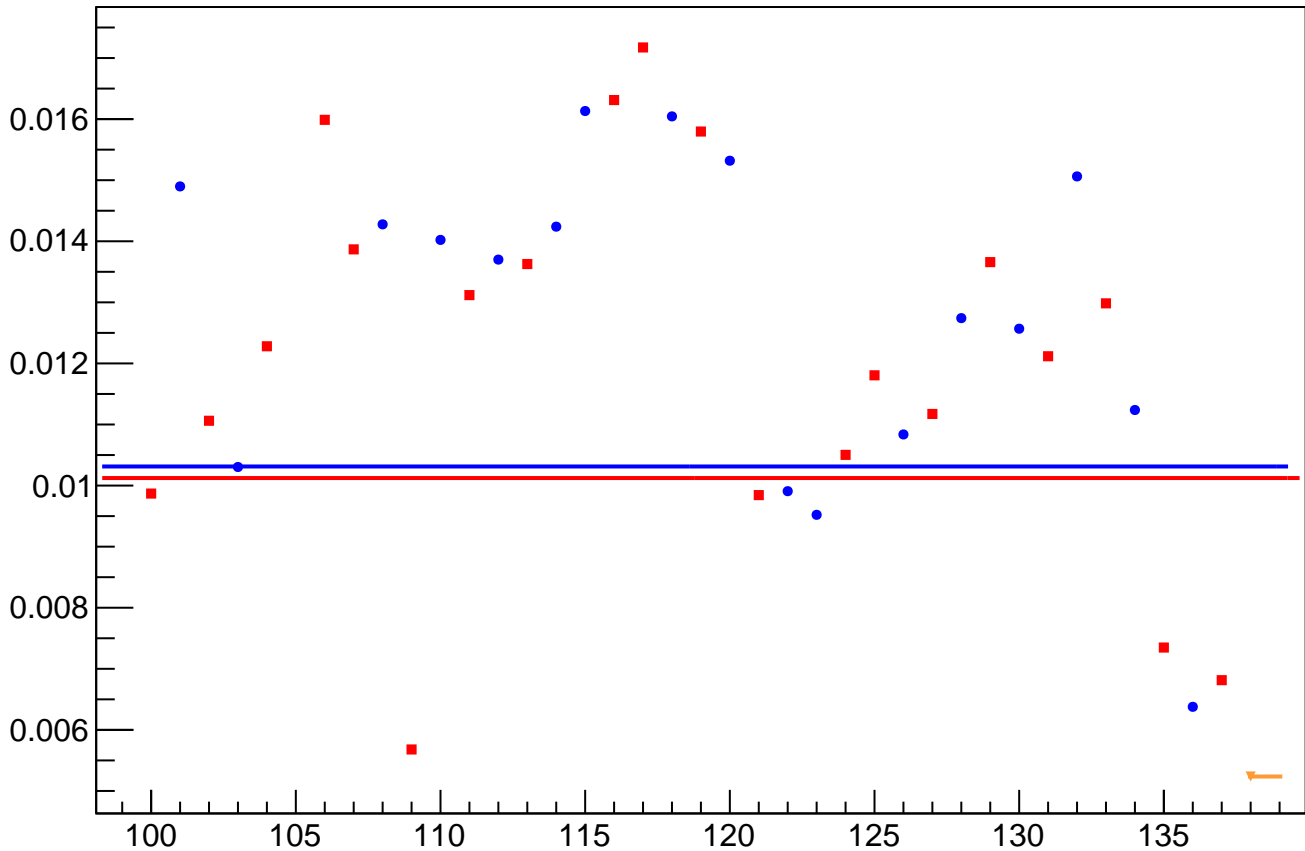
0.976+/-0.000 χ^2/NDF : 7947736937.1/17

Right Out: 0.936+/-0.000 χ^2/NDF : 9851303698.9/19

0.936+/-0.000 χ^2/NDF : 9851303698.9/19

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

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1231066.2/16

Left Out: 0.005+/-0.000 χ^2/NDF :0.0/0

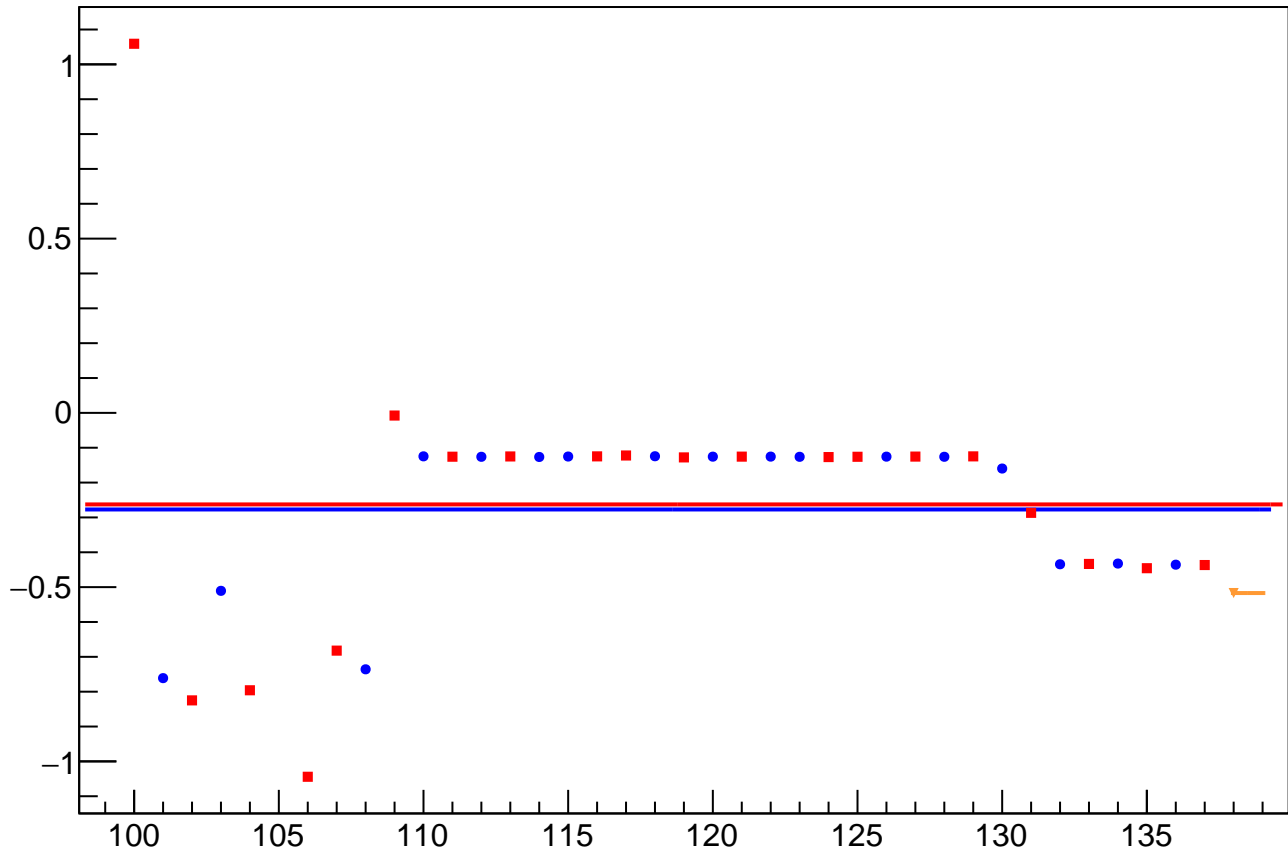
0.009+/-0.000 χ^2/NDF : 2067764.2/17

Right Out: 0.010+/-0.000 χ^2/NDF : 1191429.9/19

0.010+/-0.000 χ^2/NDF : 1191429.9/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.277 ± 0.000 χ^2/NDF : 940562986.7/16

Left Out: -0.517 ± 0.000 χ^2/NDF : 0.0/0

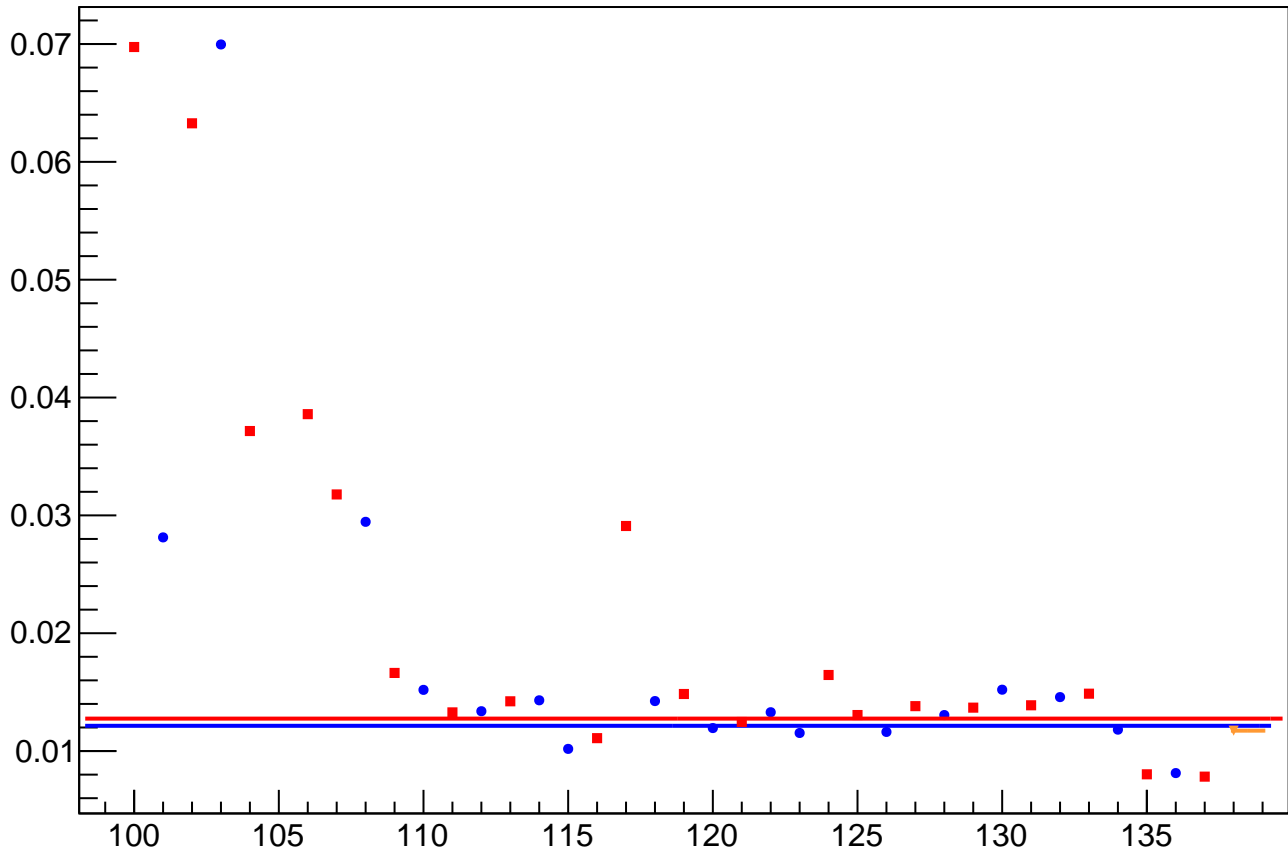
-0.302 ± 0.000 χ^2/NDF : 1127510804.8/17

Right Out: -0.263 ± 0.000 χ^2/NDF : 1009303829.9/19

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

-0.263 ± 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: 0.012+/-0.000 χ^2/NDF :0.0/0

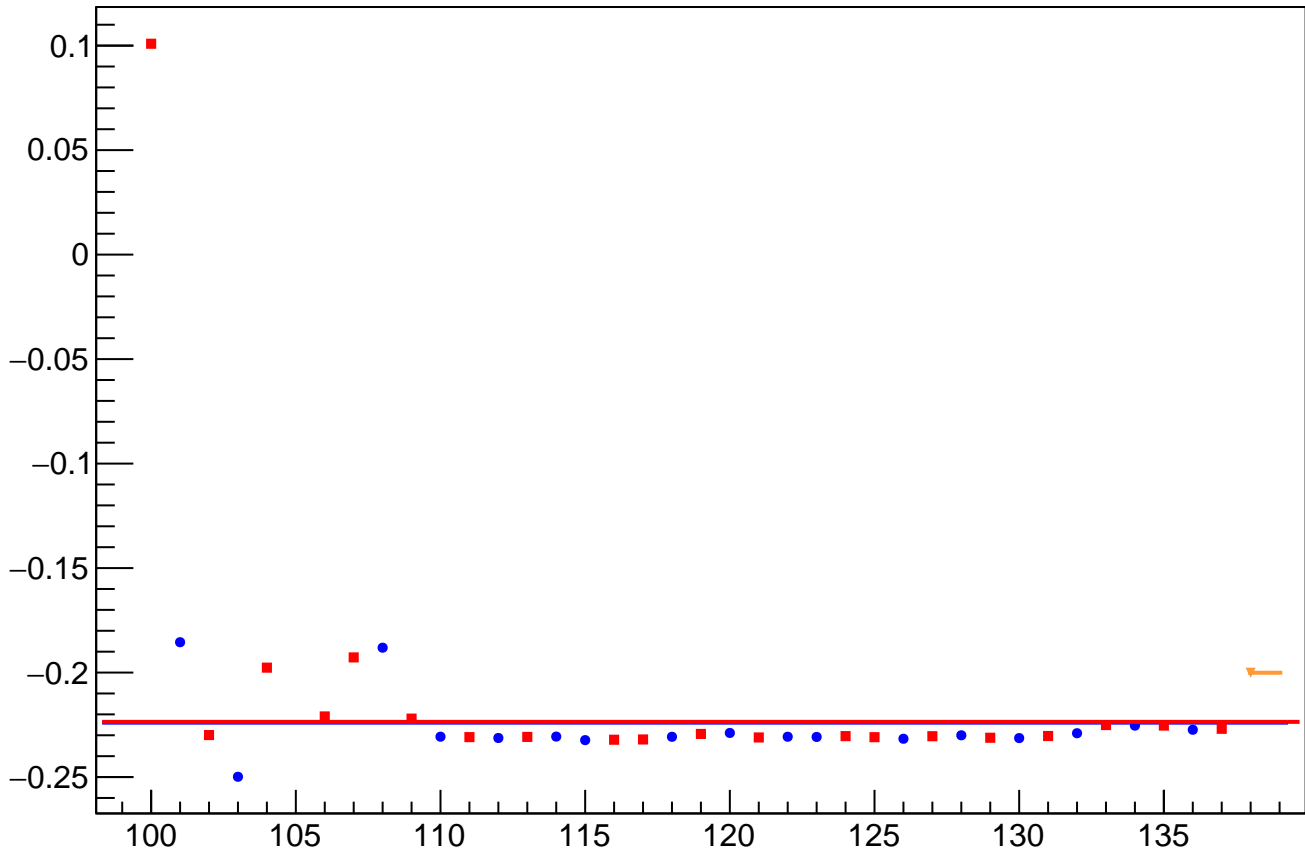
Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.012+/-0.000 χ^2/NDF : 1728593.8/17

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: -0.200+/-0.000 χ^2 /NDF:0.0/0

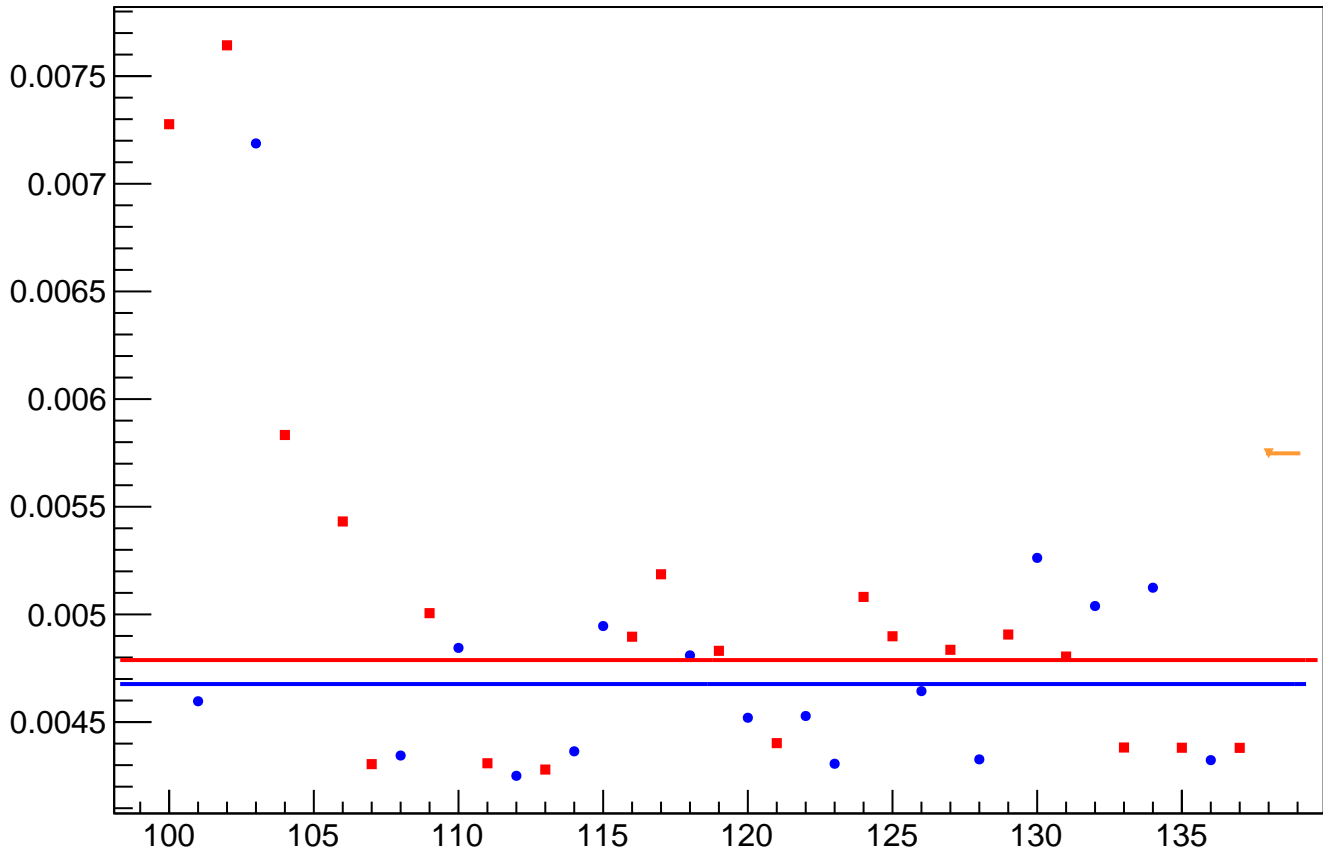
-0.222+/-0.000 χ^2 /NDF: 85459124.6/17

Right Out: -0.224+/-0.000 χ^2 /NDF: 168231258.4/19

-0.224+/-0.000 χ^2 /NDF: 168231258.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2 /NDF: 181335.1/16

Left Out: 0.006+/-0.000 χ^2 /NDF:0.0/0

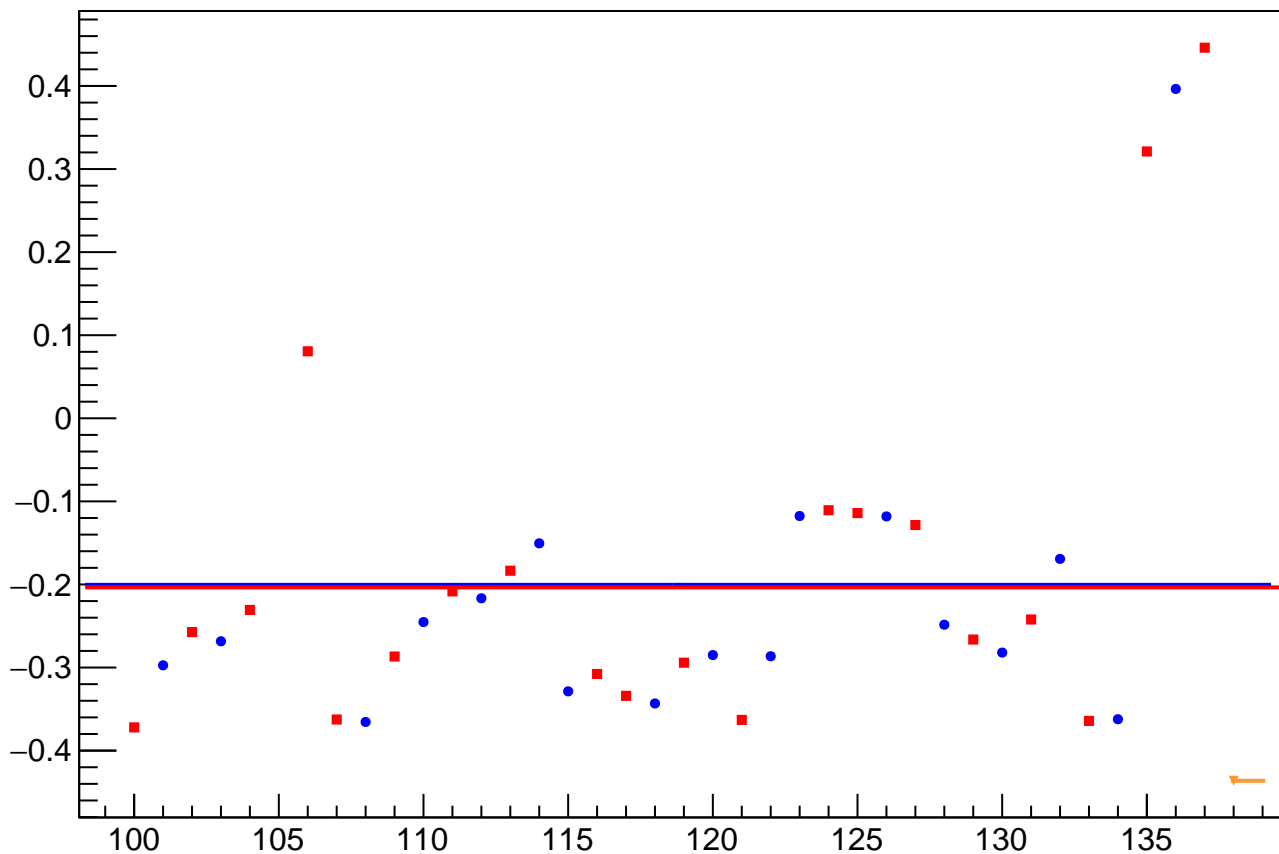
Right Out: 0.005+/-0.000 χ^2 /NDF: 248668.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.005+/-0.000 χ^2 /NDF: 224674.5/17

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: -0.436 ± 0.000 χ^2/NDF : 0.0/0

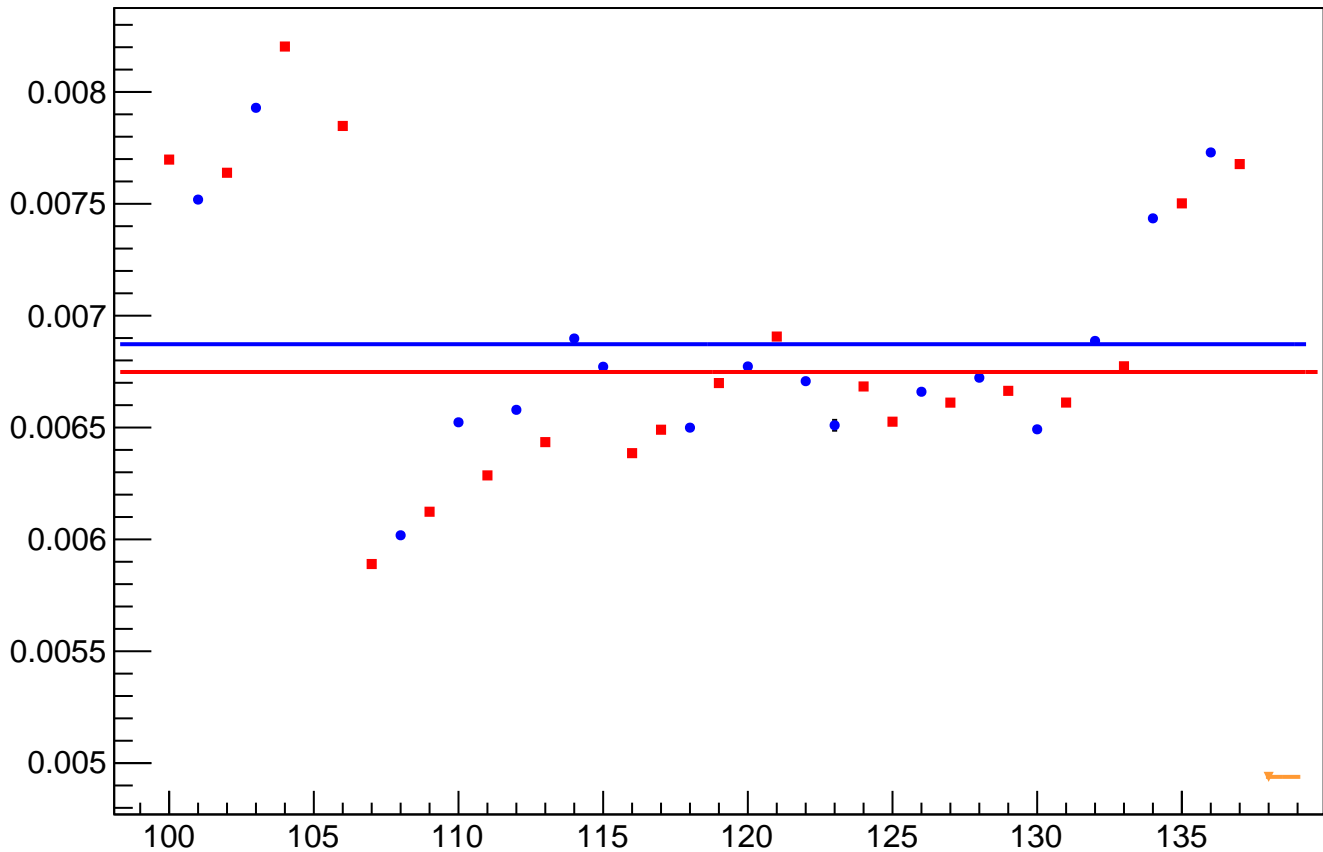
-0.241 ± 0.000 χ^2/NDF : 7310179716.3/17

Right Out: -0.204 ± 0.000 χ^2/NDF : 5045878528.0/19

-0.204 ± 0.000 χ^2/NDF : 5045878528.0/19

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

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 78611.6/16

Left Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

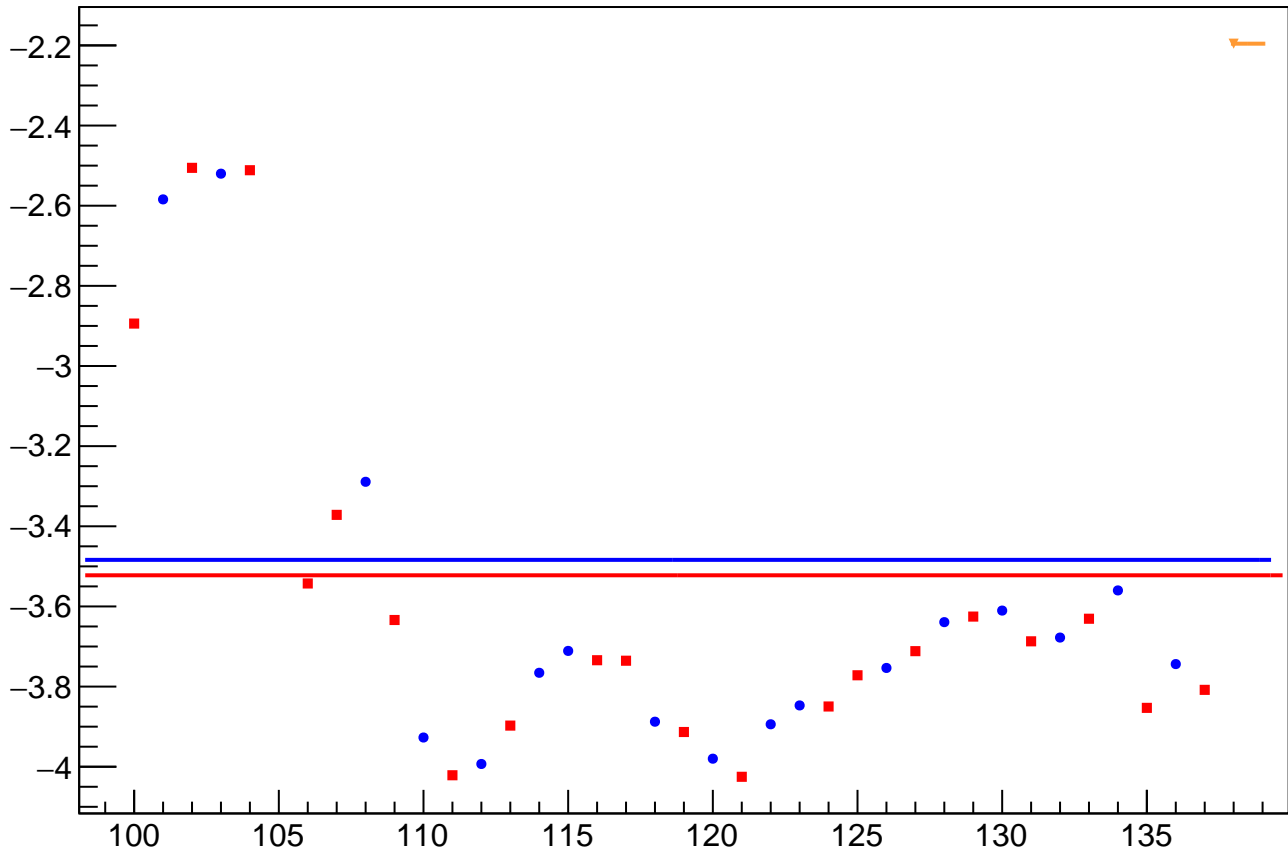
Right Out: 0.007+/-0.000 χ^2/NDF : 105262.1/19

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

0.007+/-0.000 χ^2/NDF : 258313.6/17

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: -2.196+/-0.000 χ^2 /NDF:0.0/0

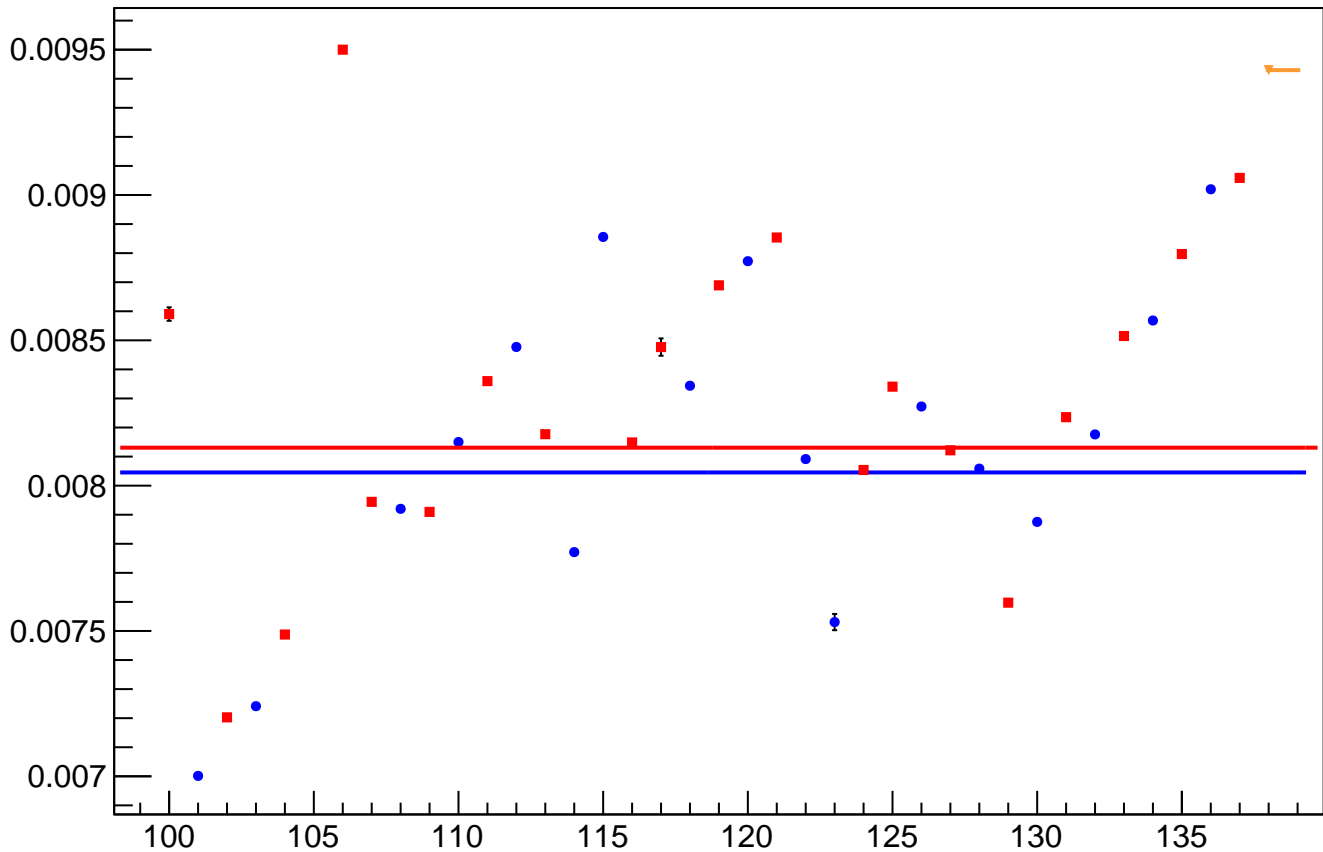
-3.387+/-0.000 χ^2 /NDF: 39710224321.3/17

Right Out: -3.522+/-0.000 χ^2 /NDF: 26497611752.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.522+/-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: 0.009+/-0.000 χ^2 /NDF:0.0/0

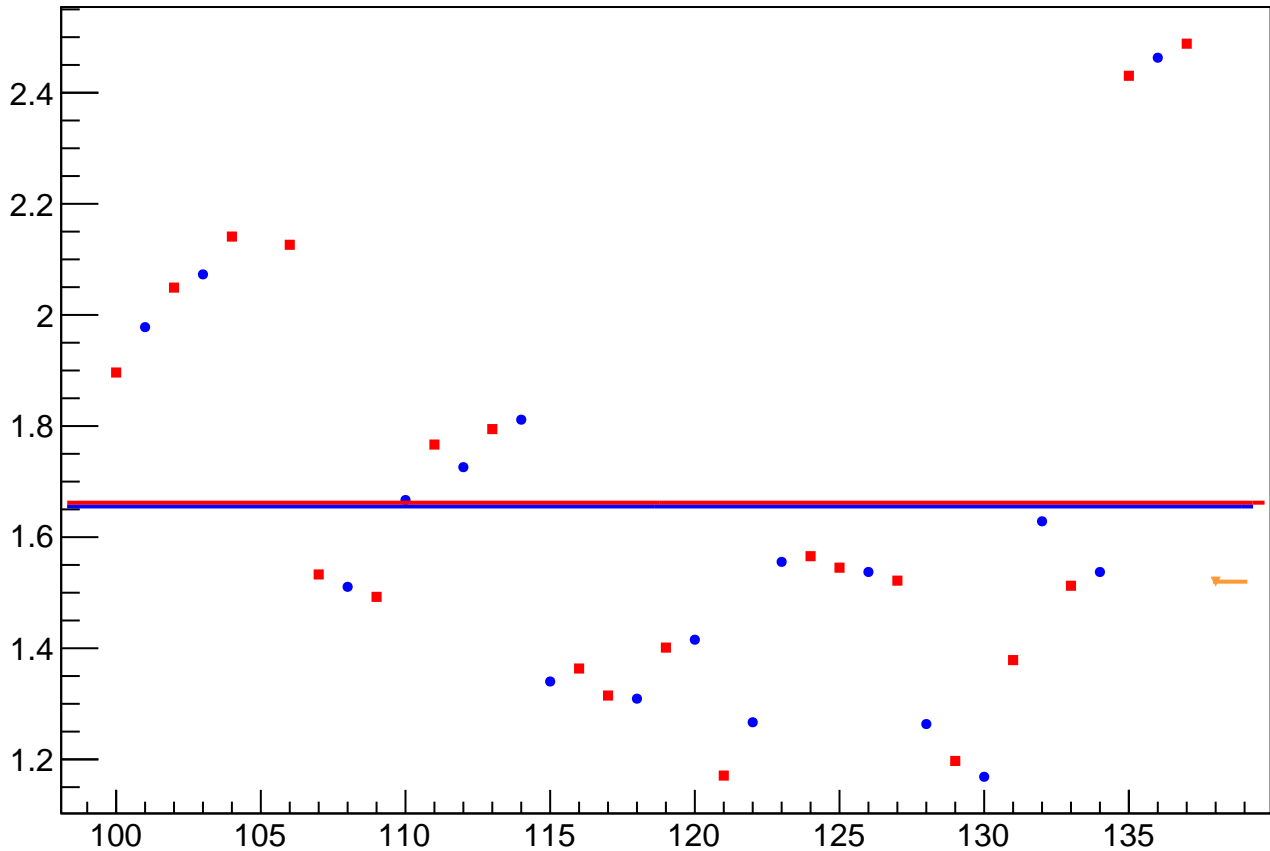
Right Out: 0.008+/-0.000 χ^2 /NDF: 57613.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.008+/-0.000 χ^2 /NDF: 100943.2/17

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: 1.520+/-0.000 χ^2/NDF : 0.0/0

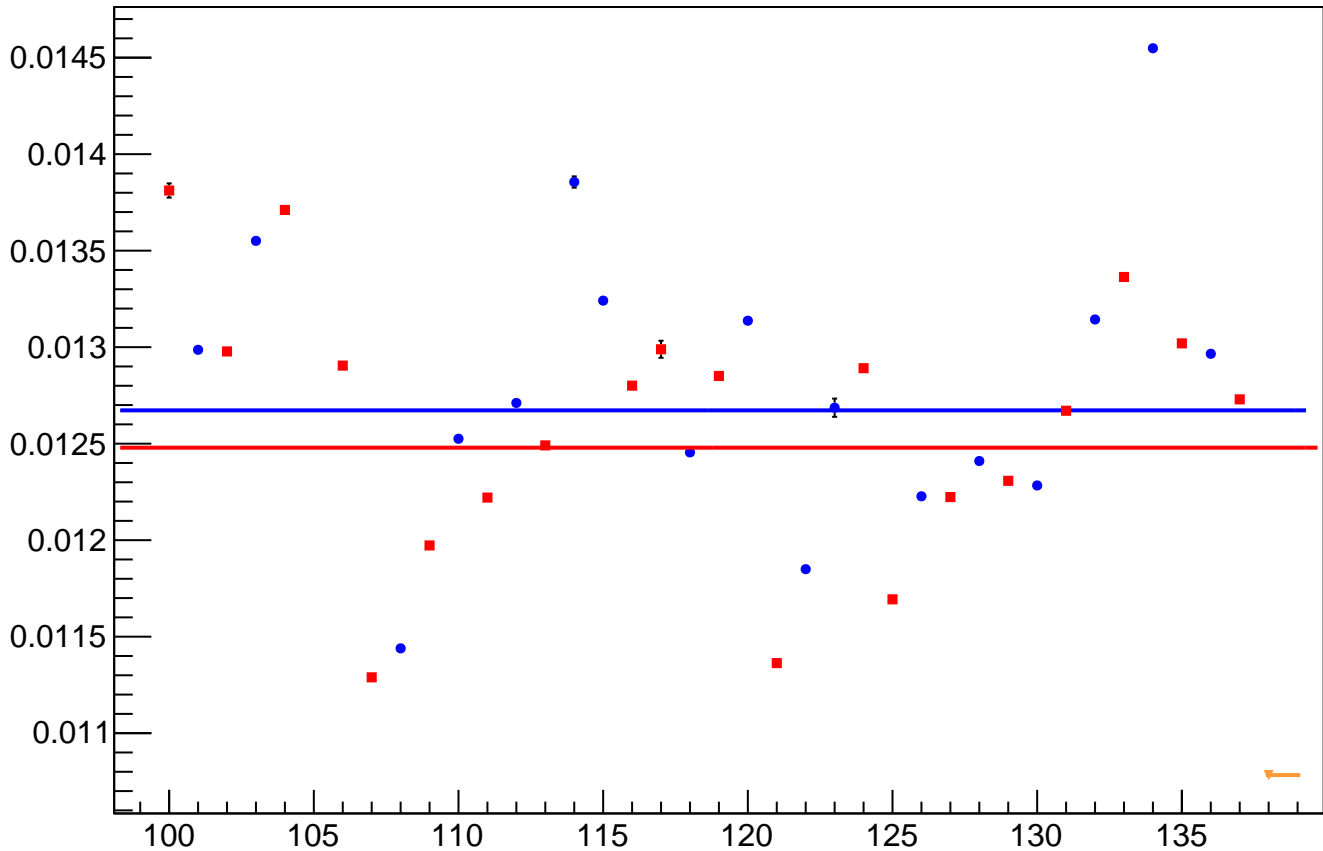
Right Out: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

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

1.638+/-0.000 χ^2/NDF : 6574457343.9/17

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: 0.011+/-0.000 χ^2 /NDF:0.0/0

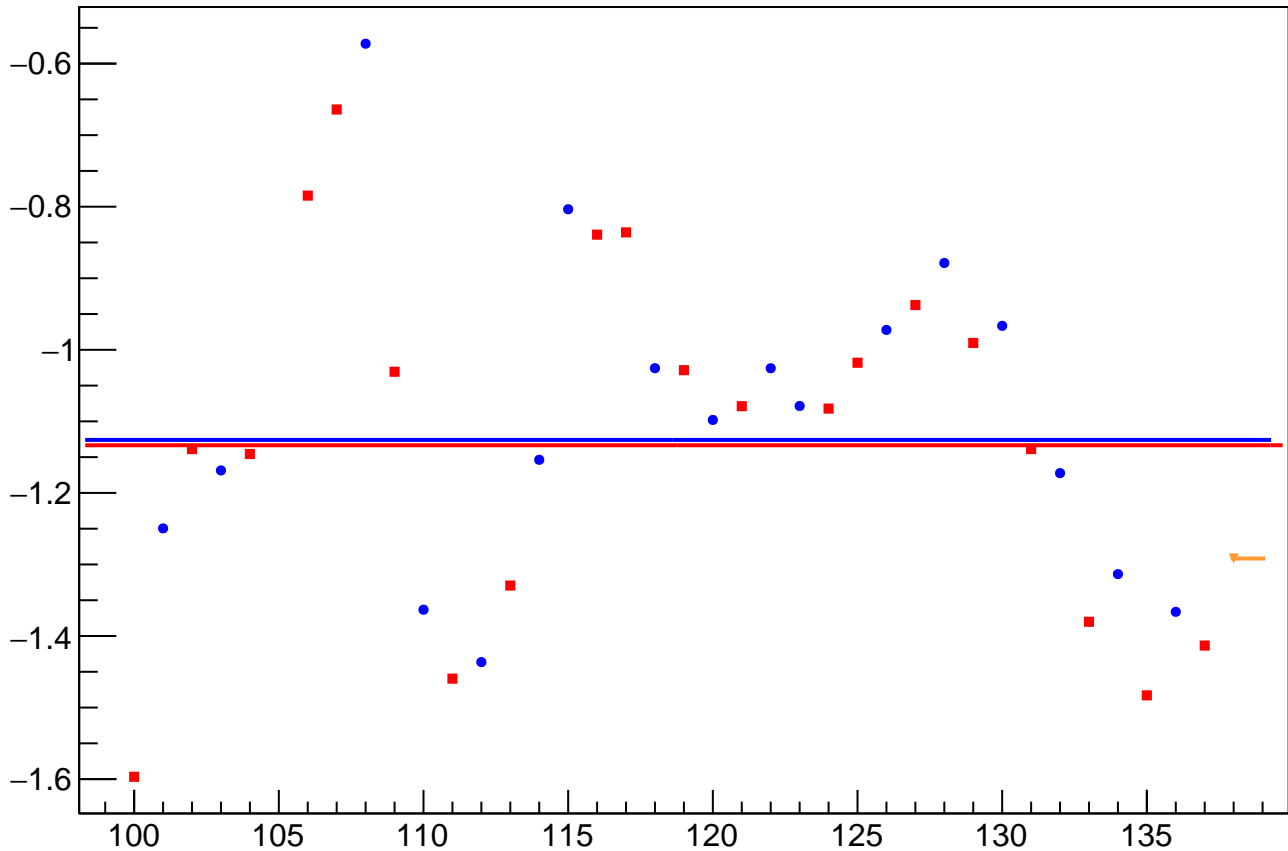
Right Out: 0.012+/-0.000 χ^2 /NDF: 39268.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.012+/-0.000 χ^2 /NDF: 69982.6/17

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: -1.292+/-0.000 χ^2 /NDF: 0.0/0

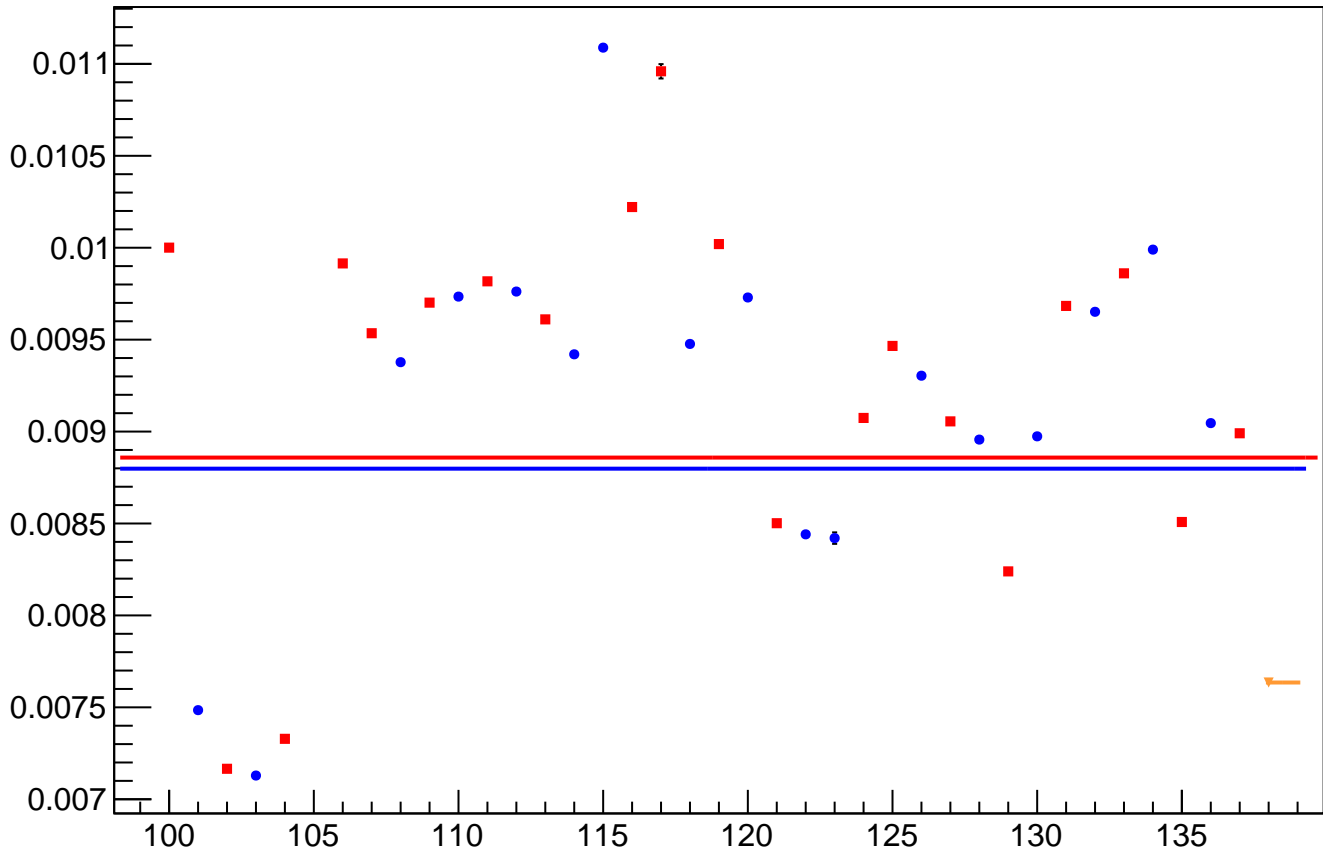
-1.147+/-0.000 χ^2 /NDF: 3865153166.2/17

Right Out: -1.133+/-0.000 χ^2 /NDF: 3706528266.7/19

-1.133+/-0.000 χ^2 /NDF: 3706528266.7/19

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

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2 /NDF: 151586.8/16

Left Out: 0.008+/-0.000 χ^2 /NDF:0.0/0

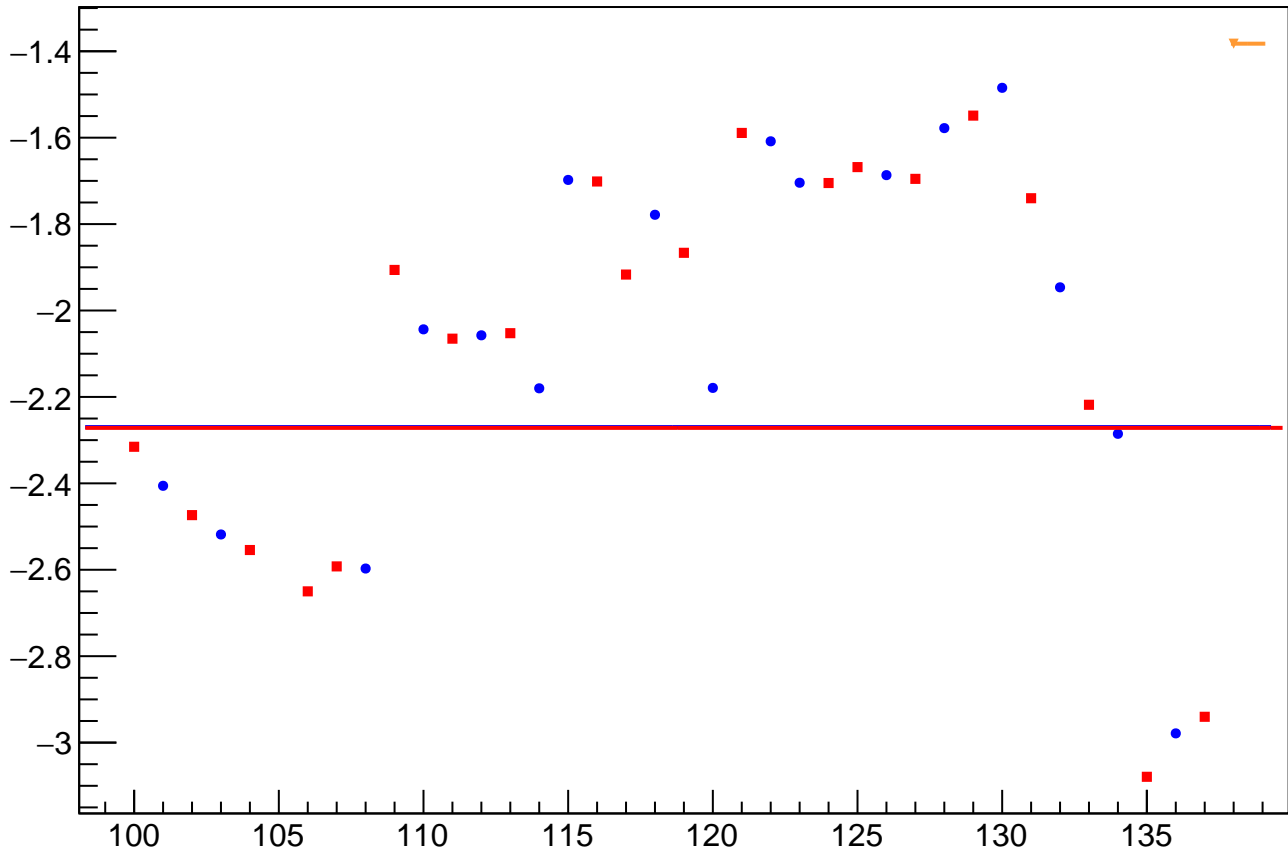
Right Out: 0.009+/-0.000 χ^2 /NDF: 176858.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.009+/-0.000 χ^2 /NDF: 180201.5/17

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: -1.382+/-0.000 χ^2 /NDF:0.0/0

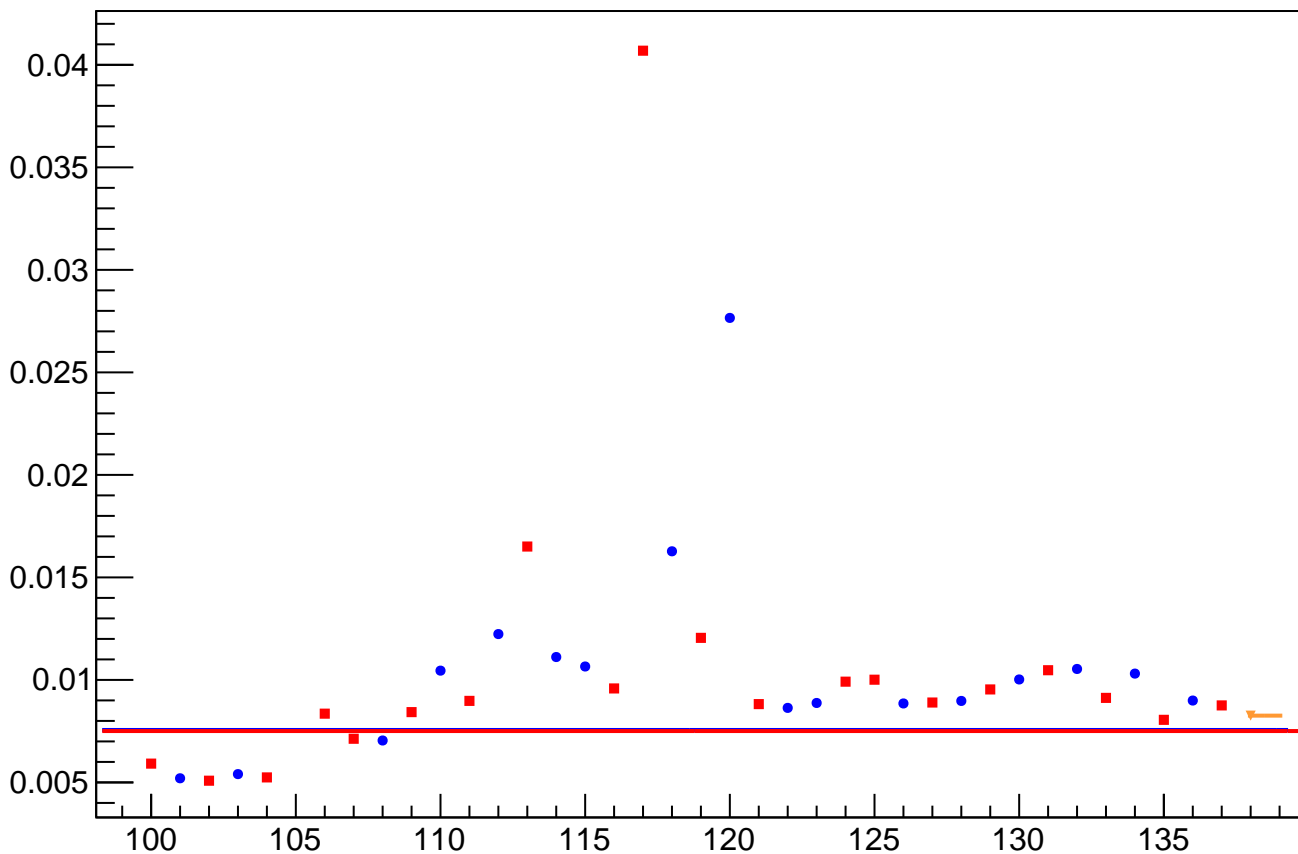
-2.185+/-0.000 χ^2 /NDF: 24011863051.1/17

Right Out: -2.272+/-0.000 χ^2 /NDF: 19012236430.2/19

-2.272+/-0.000 χ^2 /NDF: 19012236430.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.008+/-0.000 χ^2 /NDF: 1221004.0/16

Left Out: 0.008+/-0.000 χ^2 /NDF:0.0/0

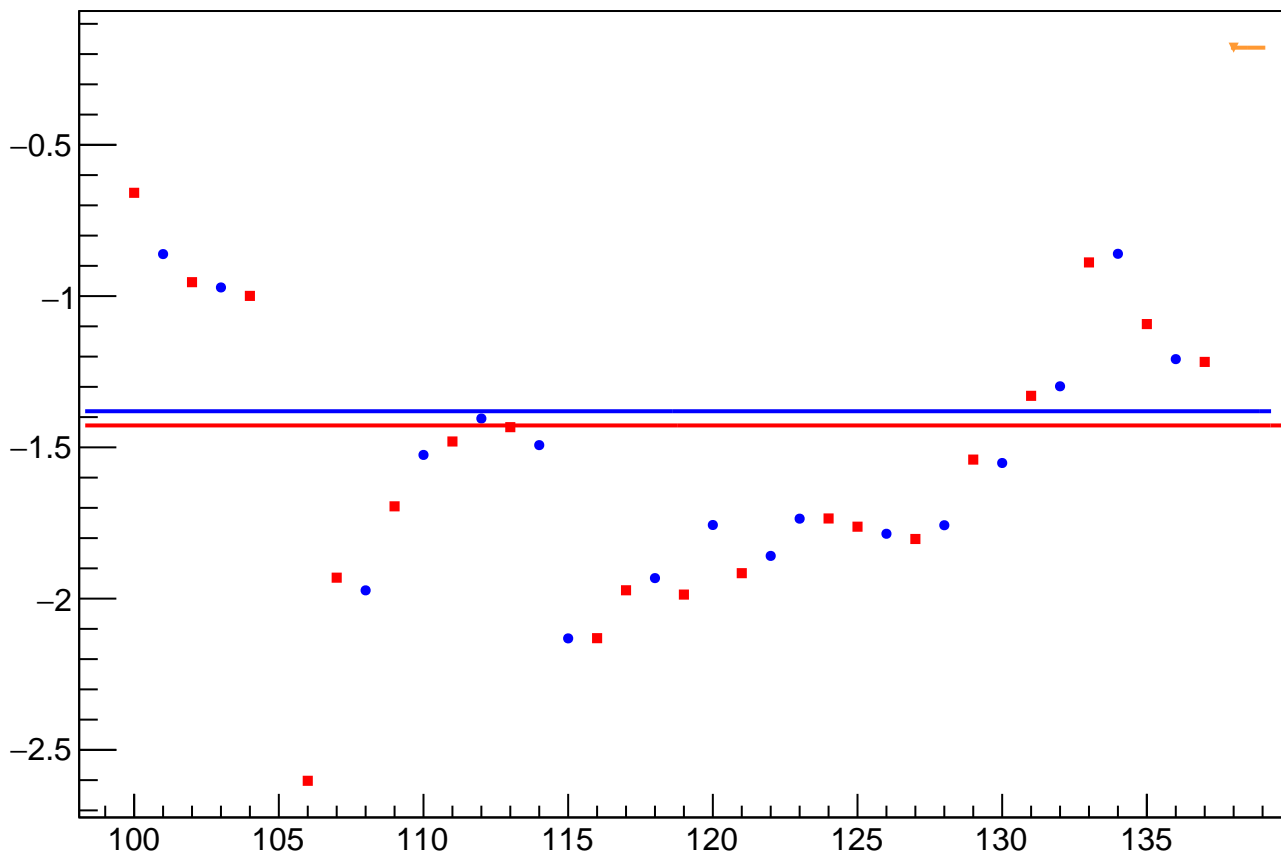
Right Out: 0.008+/-0.000 χ^2 /NDF: 984811.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.008+/-0.000 χ^2 /NDF: 1229214.2/17

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: -0.179+/-0.000 χ^2 /NDF:0.0/0

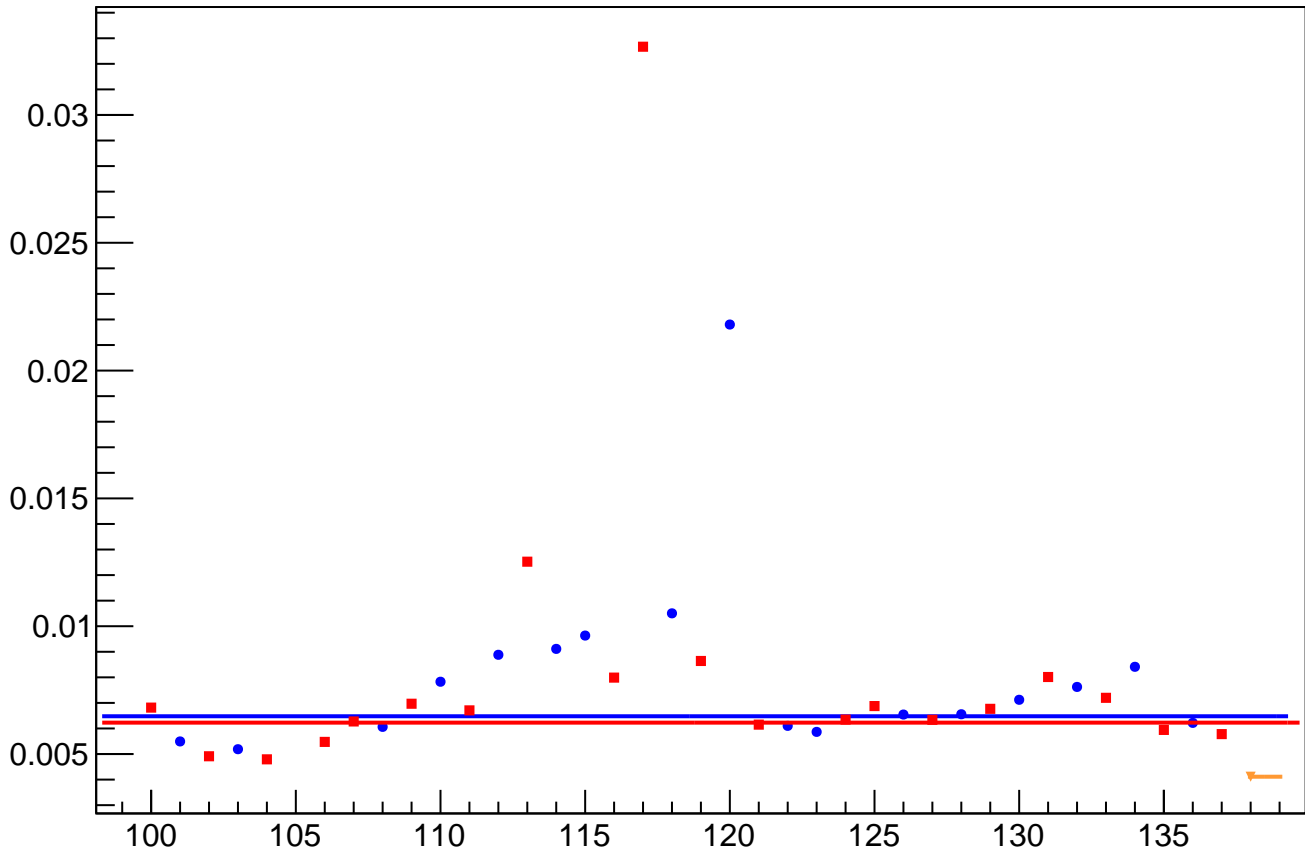
-1.088+/-0.000 χ^2 /NDF: 65645437678.6/17

Right Out: -1.428+/-0.000 χ^2 /NDF: 29626603581.6/19

-1.428+/-0.000 χ^2 /NDF: 29626603581.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 572678.4/16

Left Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

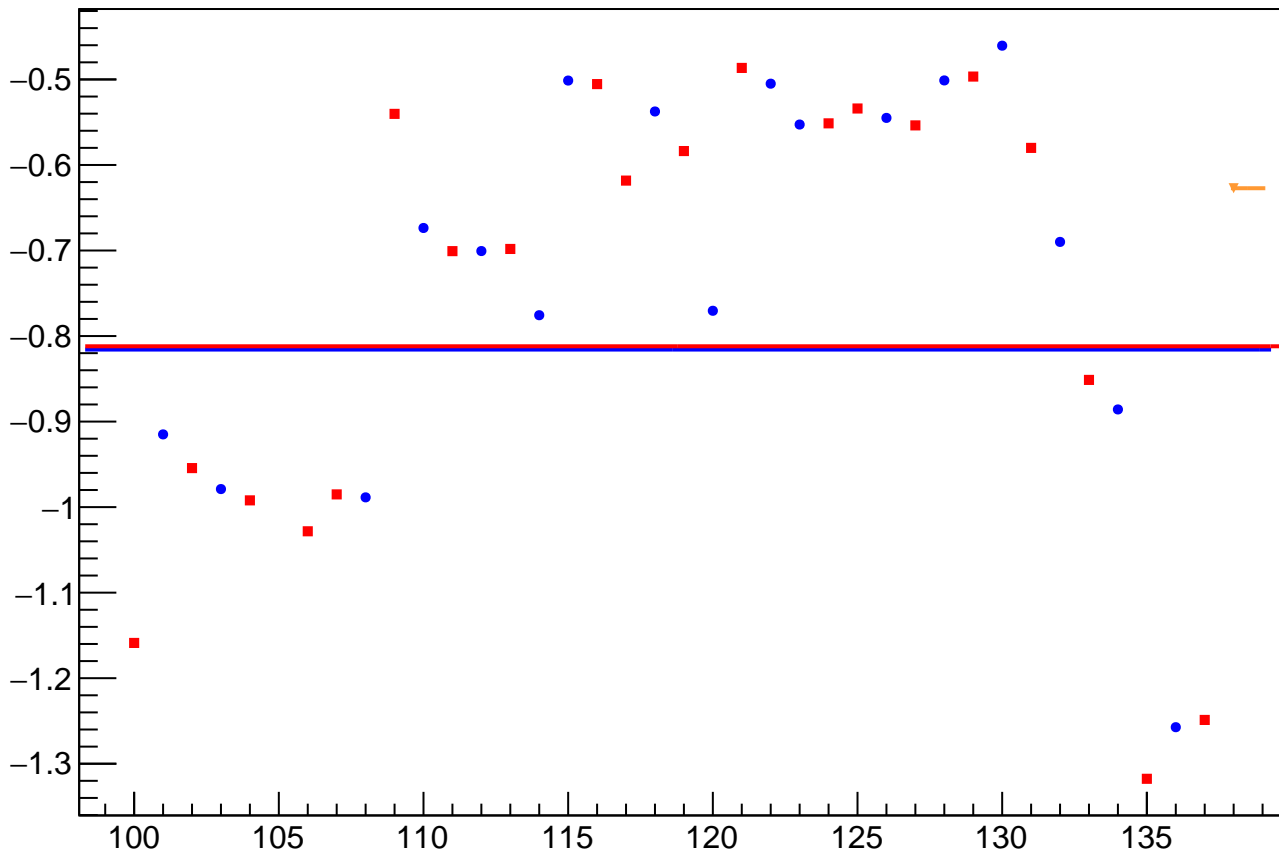
Right Out: 0.006+/-0.000 χ^2/NDF : 472534.6/19

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

0.006+/-0.000 χ^2/NDF : 926158.7/17

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: -0.627+/-0.000 χ^2 /NDF:0.0/0

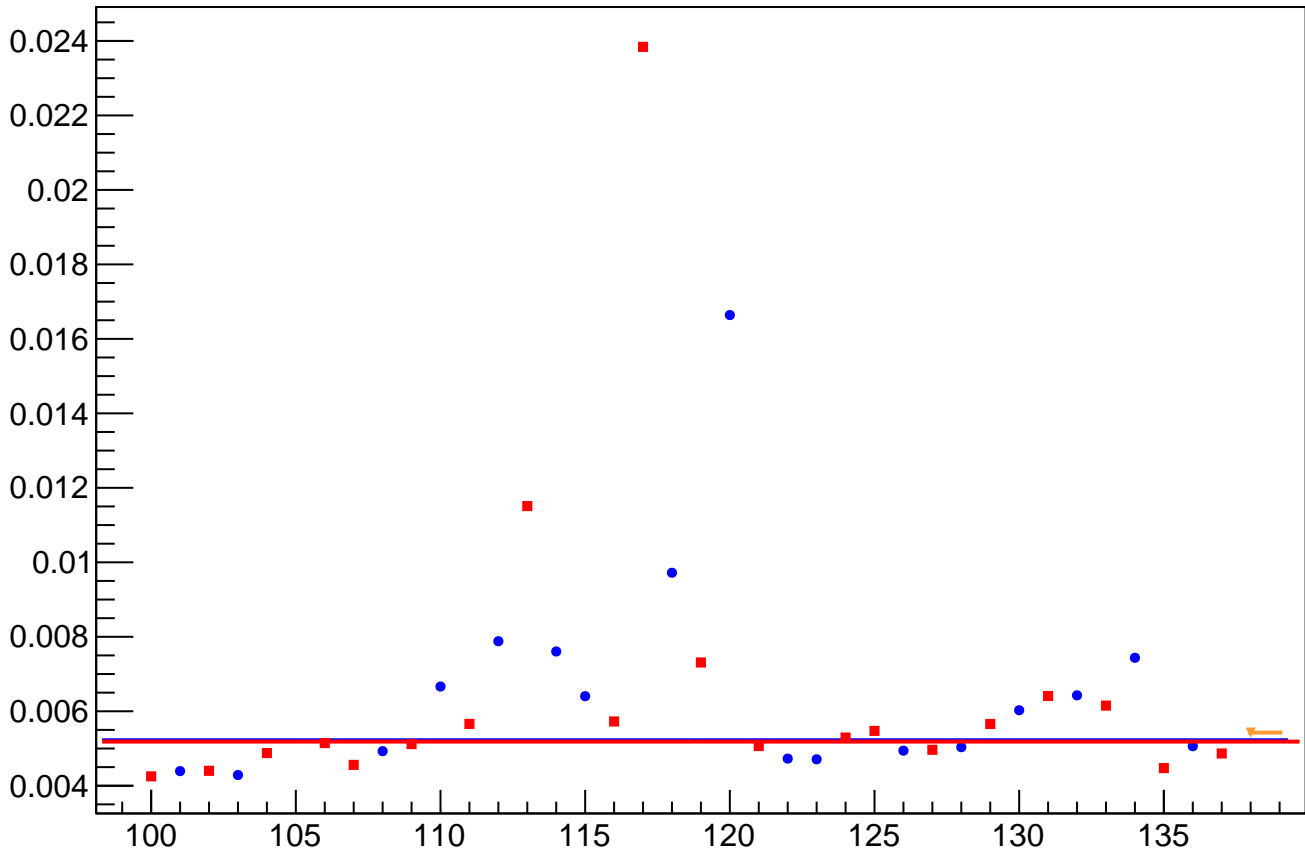
-0.797+/-0.000 χ^2 /NDF: 14857787471.1/17

Right Out: -0.812+/-0.000 χ^2 /NDF: 16818378599.3/19

-0.812+/-0.000 χ^2 /NDF: 16818378599.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2 /NDF: 664386.8/16

Left Out: 0.005+/-0.000 χ^2 /NDF:0.0/0

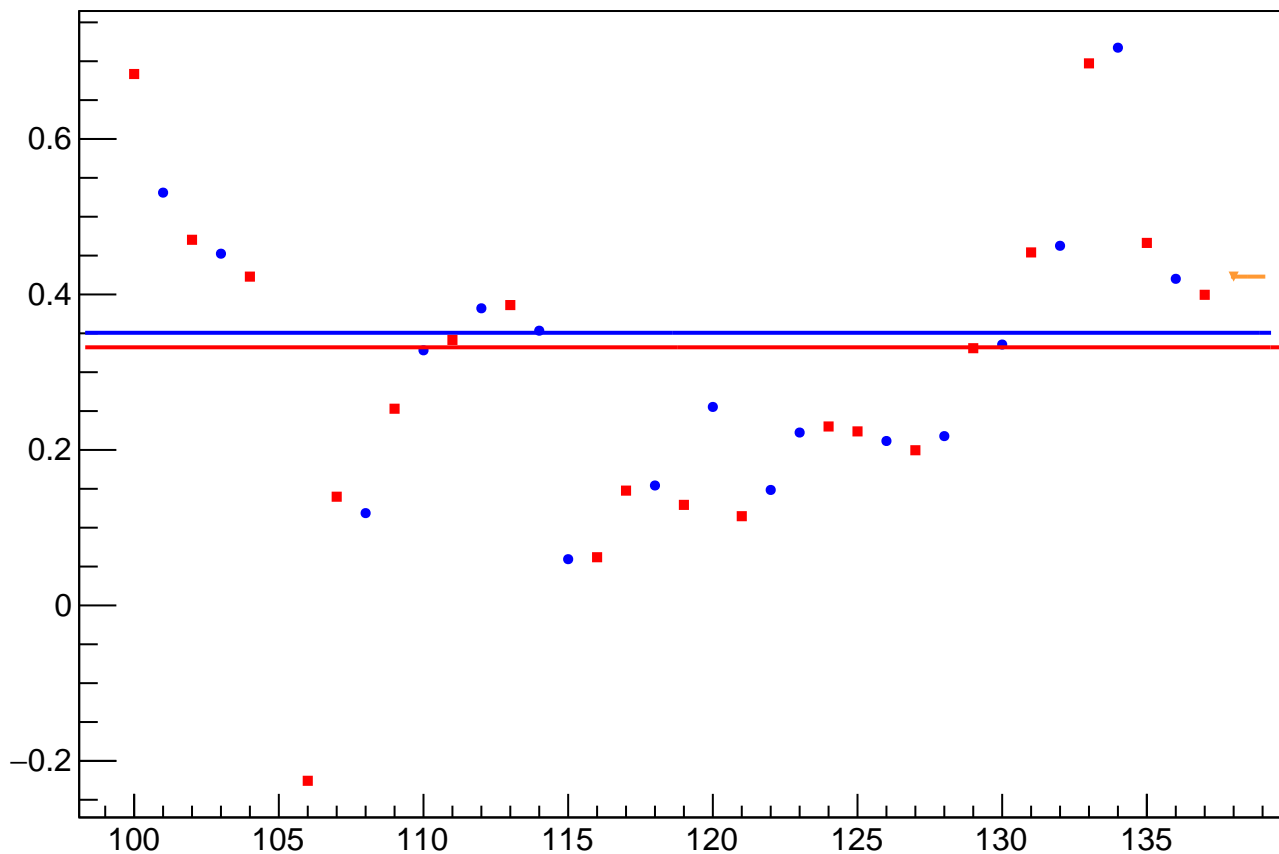
Right Out: 0.005+/-0.000 χ^2 /NDF: 410640.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.005+/-0.000 χ^2 /NDF: 666027.0/17

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: 0.423+/-0.000 χ^2 /NDF:0.0/0

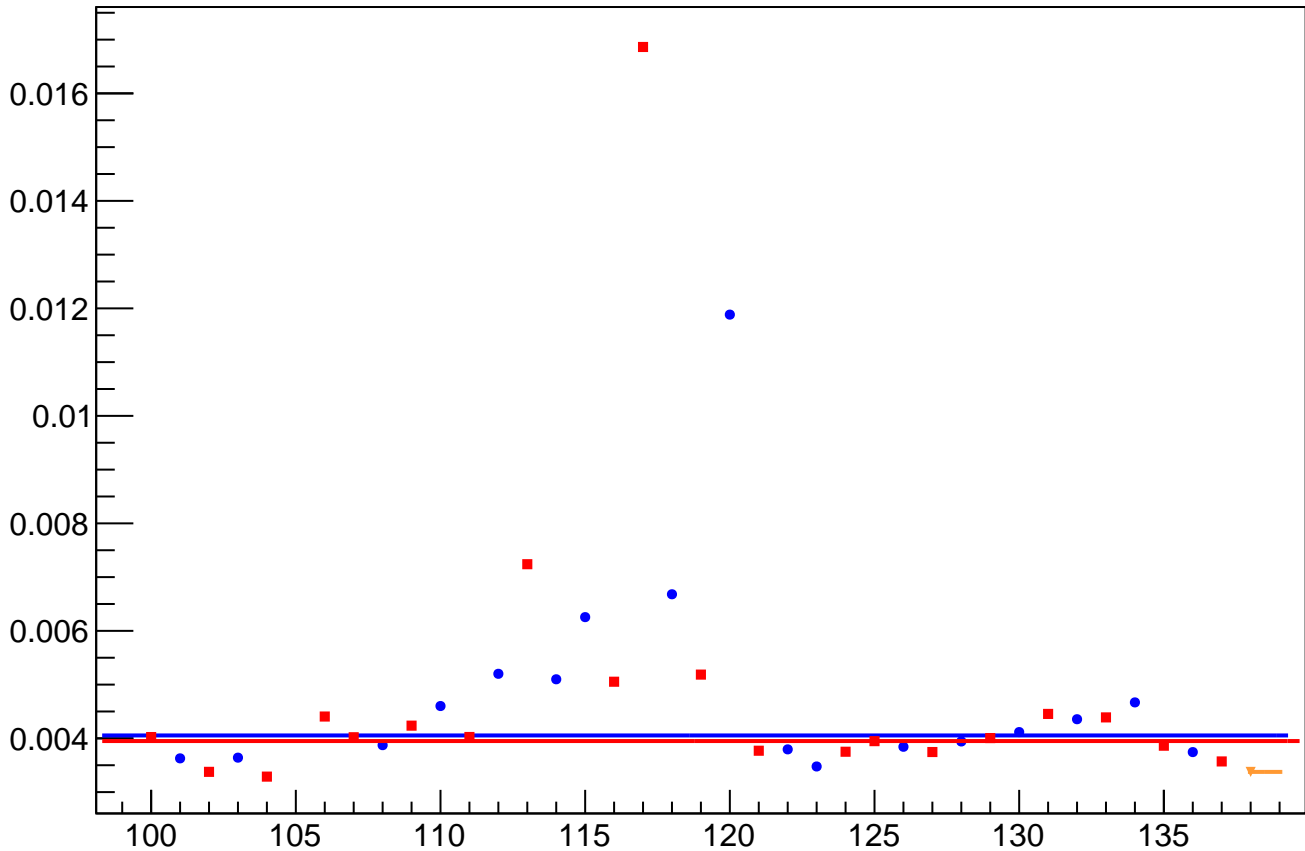
Right Out: 0.332+/-0.000 χ^2 /NDF: 11800695210.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.360+/-0.000 χ^2 /NDF: 7639482249.7/17

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: 0.003+/-0.000 χ^2 /NDF:0.0/0

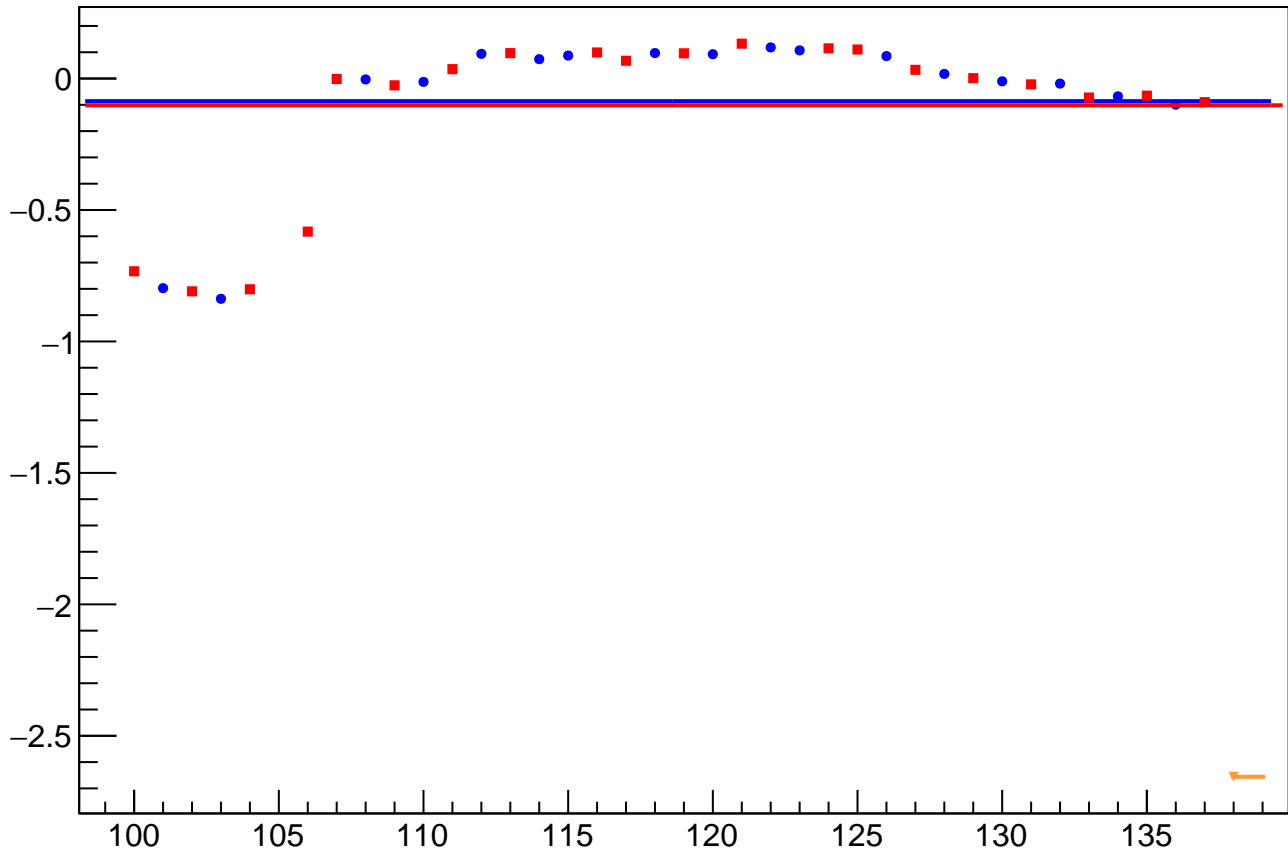
Right Out: 0.004+/-0.000 χ^2 /NDF: 304954.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.004+/-0.000 χ^2 /NDF: 495607.9/17

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: -2.656+/-0.000 χ^2 /NDF: 0.0/0

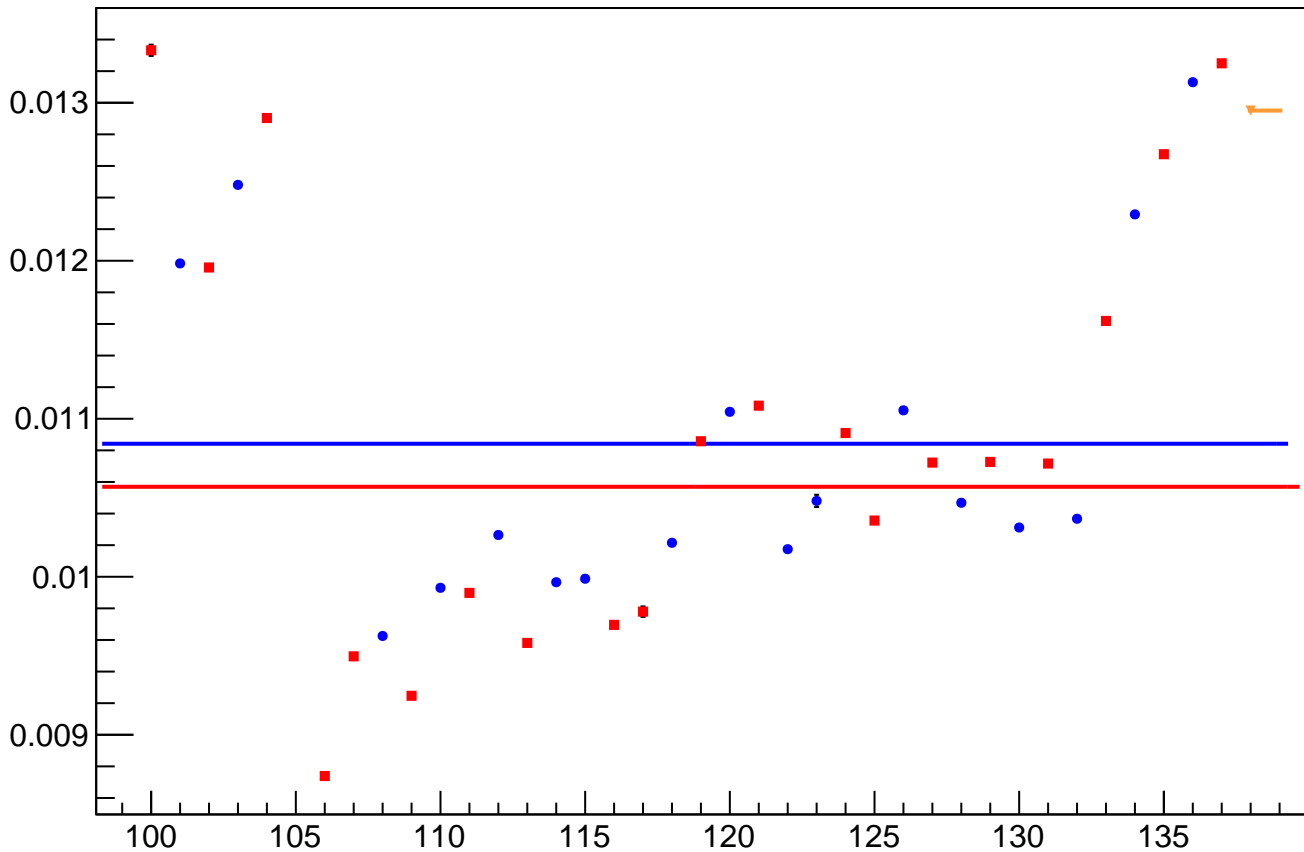
-0.269+/-0.000 χ^2 /NDF: 31481285843.9/17

Right Out: -0.102+/-0.000 χ^2 /NDF: 5566142794.2/19

-0.102+/-0.000 χ^2 /NDF: 5566142794.2/19

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

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2 /NDF: 124260.3/16

Left Out: 0.013+/-0.000 χ^2 /NDF:0.0/0

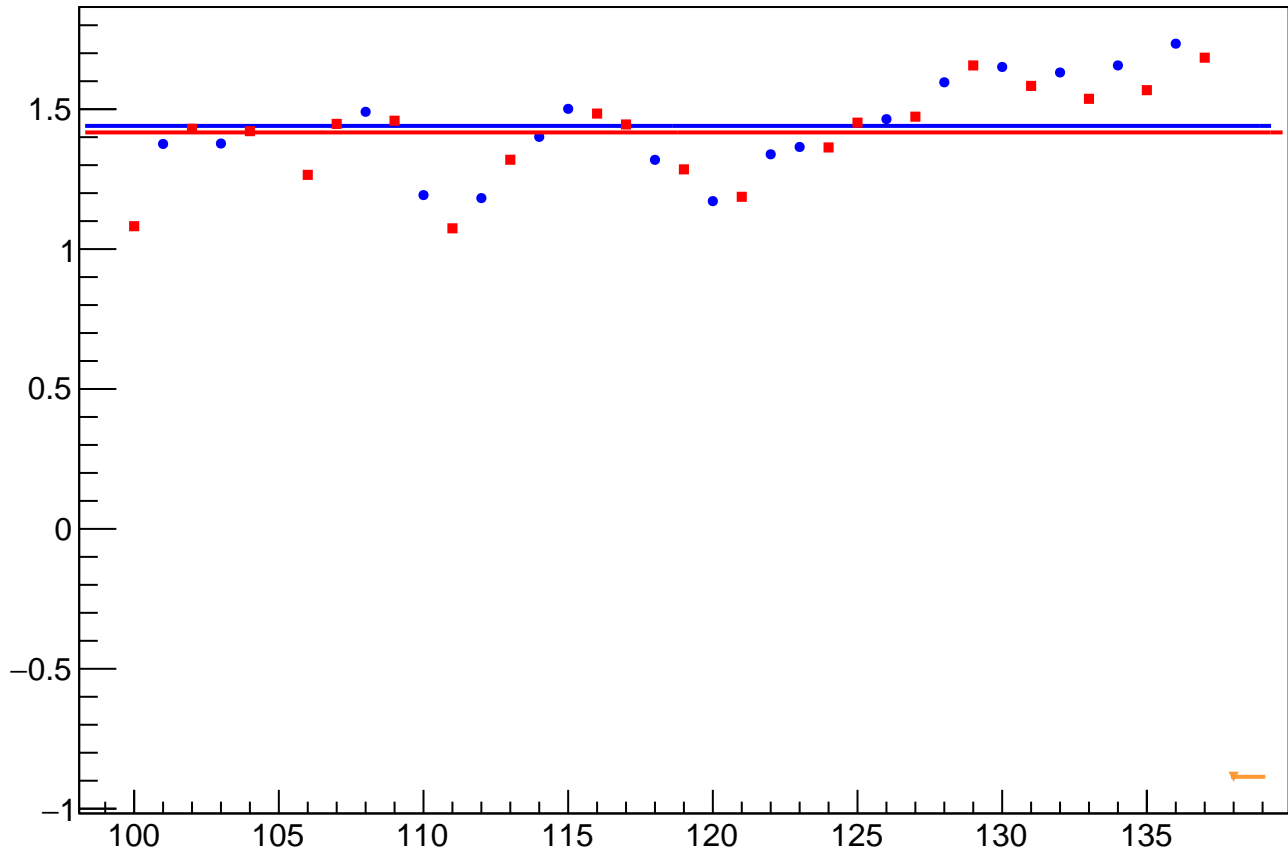
Right Out: 0.011+/-0.000 χ^2 /NDF: 179537.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.011+/-0.000 χ^2 /NDF: 159934.1/17

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: -0.886+/-0.000 χ^2 /NDF:0.0/0

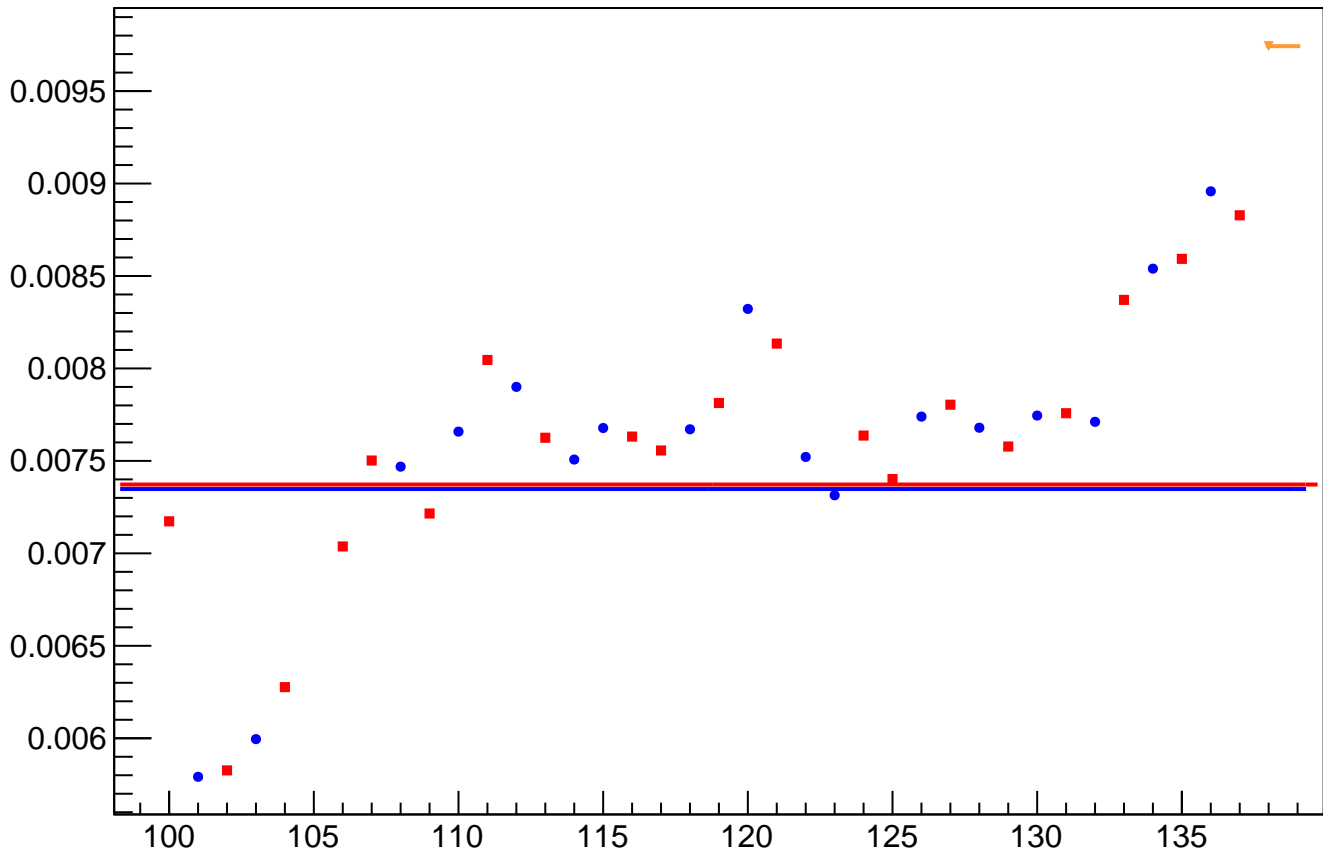
1.302+/-0.000 χ^2 /NDF: 42677512072.5/17

Right Out: 1.417+/-0.000 χ^2 /NDF: 2674679406.4/19

1.417+/-0.000 χ^2 /NDF: 2674679406.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2 /NDF: 228163.6/16

Left Out: 0.010+/-0.000 χ^2 /NDF:0.0/0

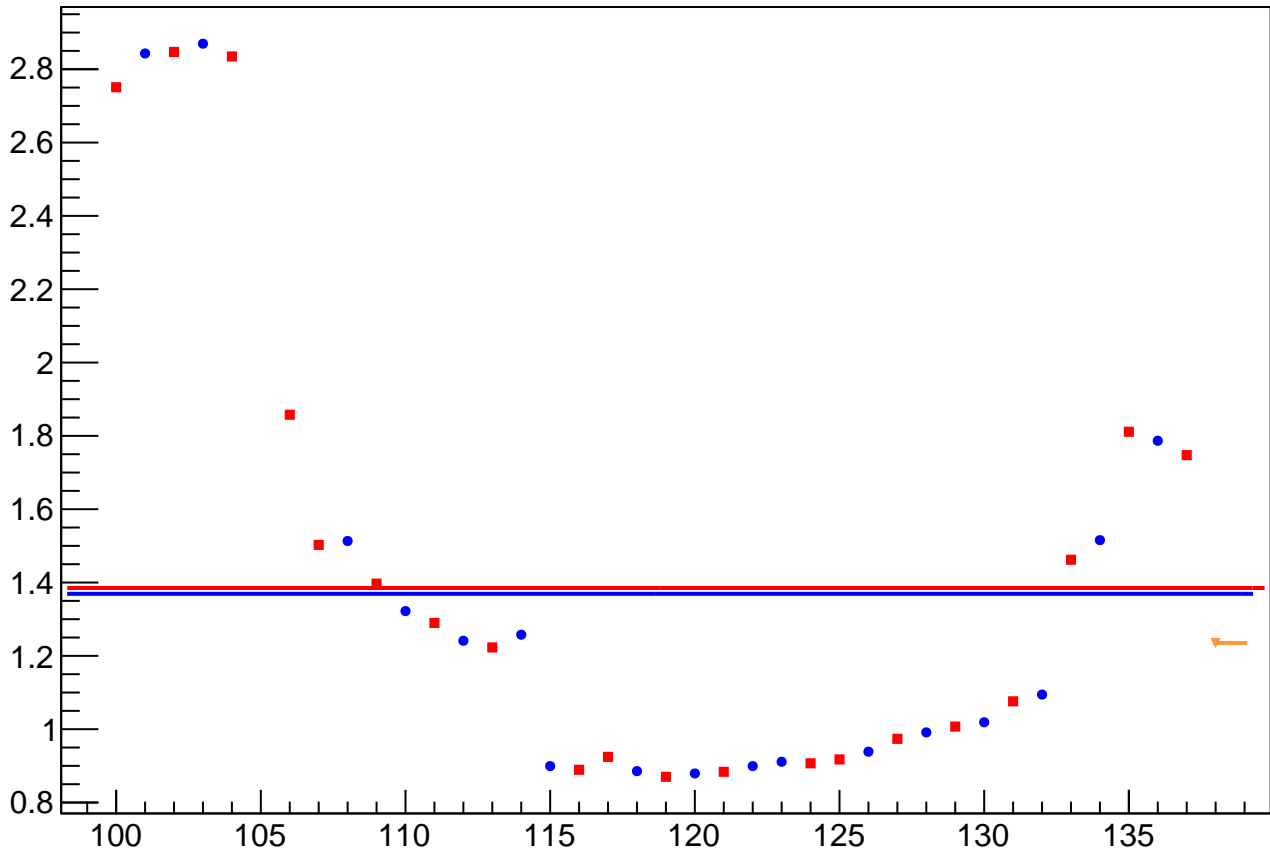
Right Out: 0.007+/-0.000 χ^2 /NDF: 172741.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.007+/-0.000 χ^2 /NDF: 311328.8/17

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

1.358+/-0.000 χ^2/NDF : 54422429891.6/17

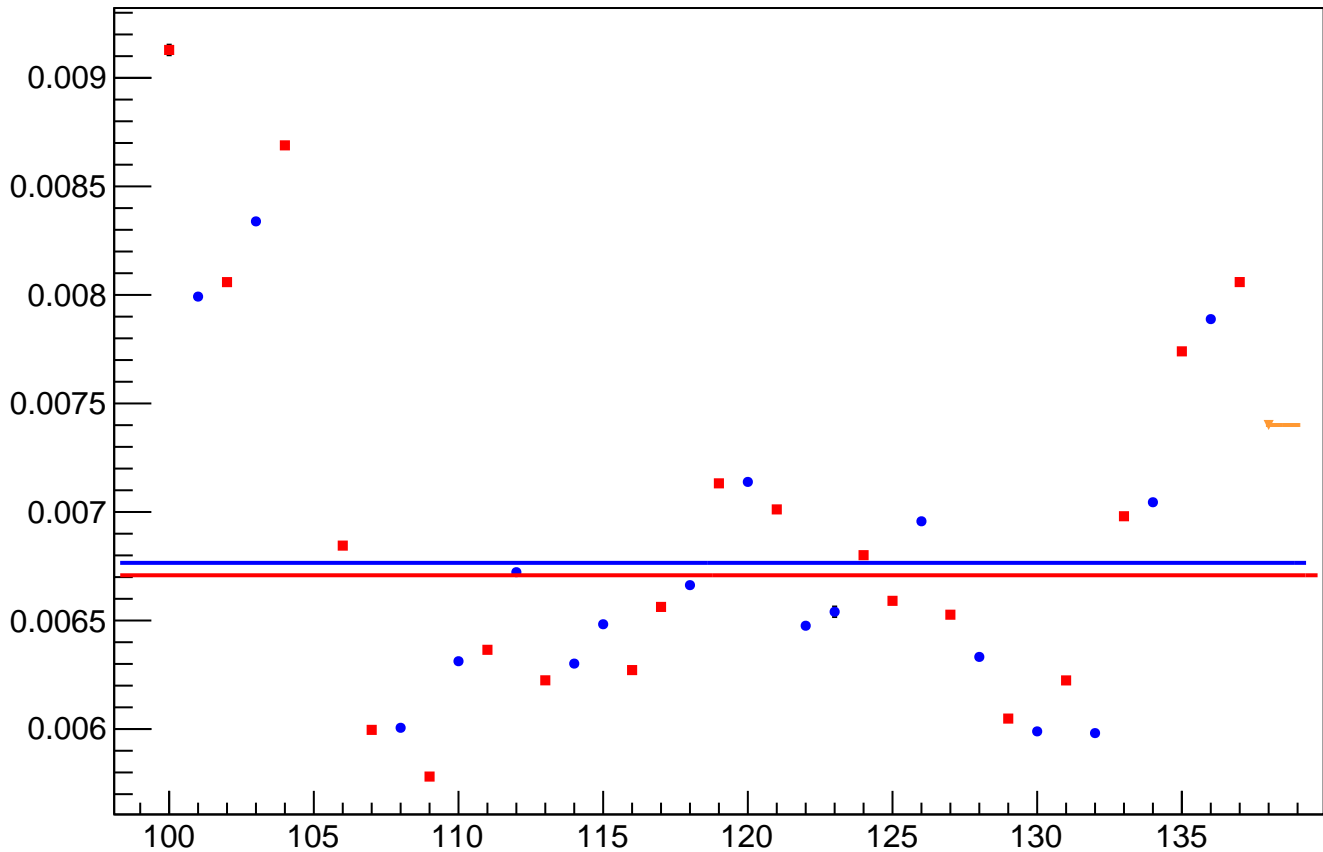
Left Out: 1.235+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.385+/-0.000 χ^2/NDF : 50114562617.6/19

1.385+/-0.000 χ^2/NDF : 50114562617.6/19

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

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2 /NDF: 159554.9/16

Left Out: 0.007+/-0.000 χ^2 /NDF:0.0/0

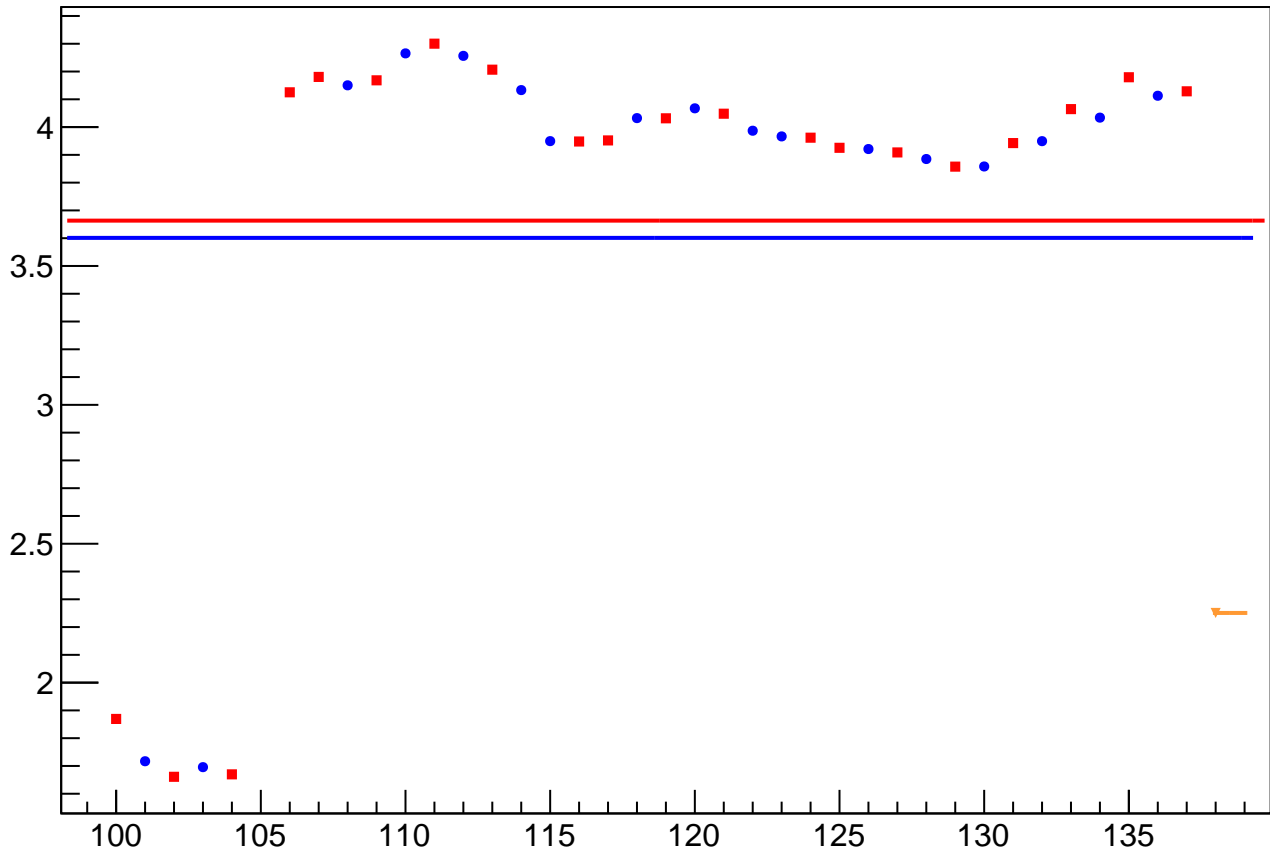
Right Out: 0.007+/-0.000 χ^2 /NDF: 187869.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.007+/-0.000 χ^2 /NDF: 169307.1/17

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: 2.251+/-0.000 χ^2/NDF : 0.0/0

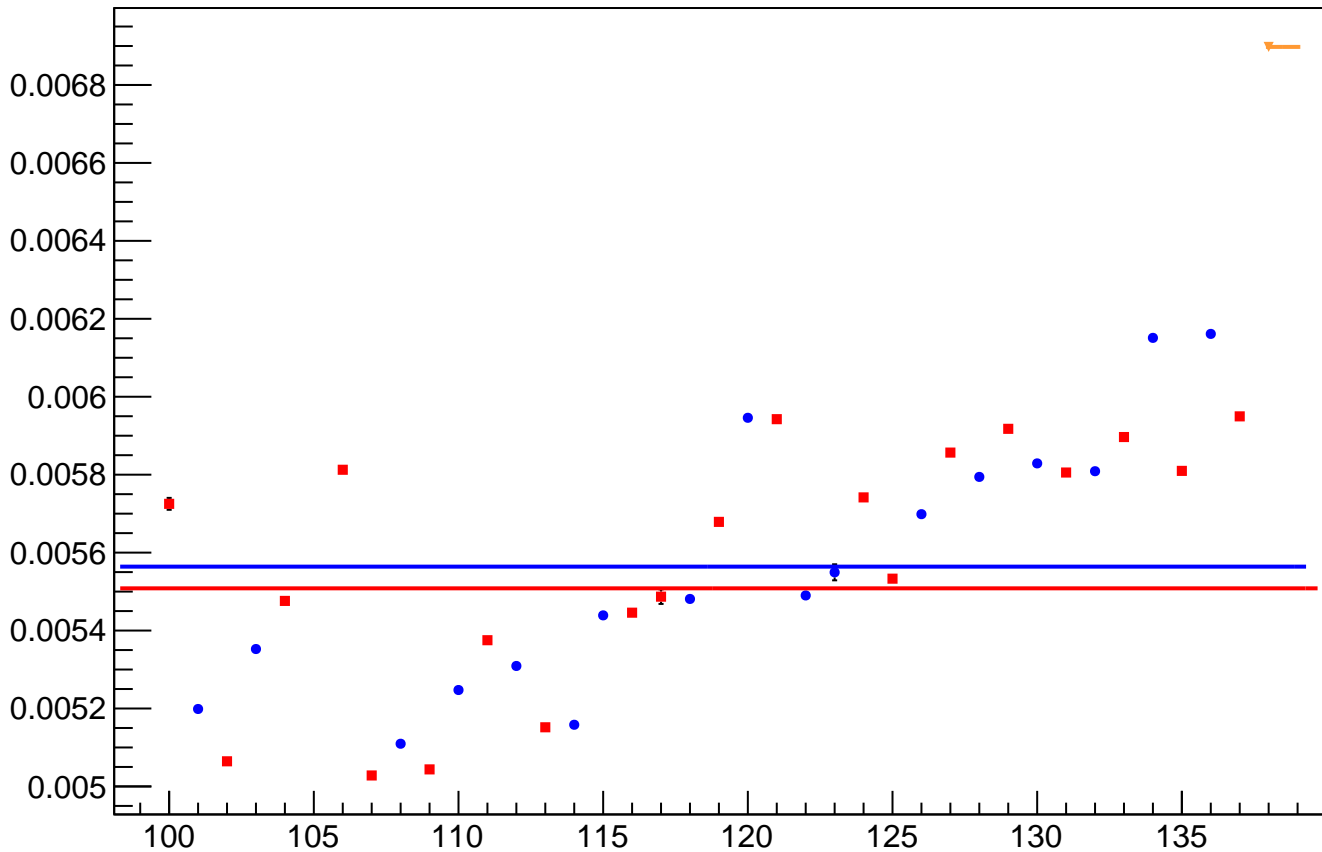
3.512+/-0.000 χ^2/NDF : 211704923976.4/17

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: 0.007+/-0.000 χ^2 /NDF:0.0/0

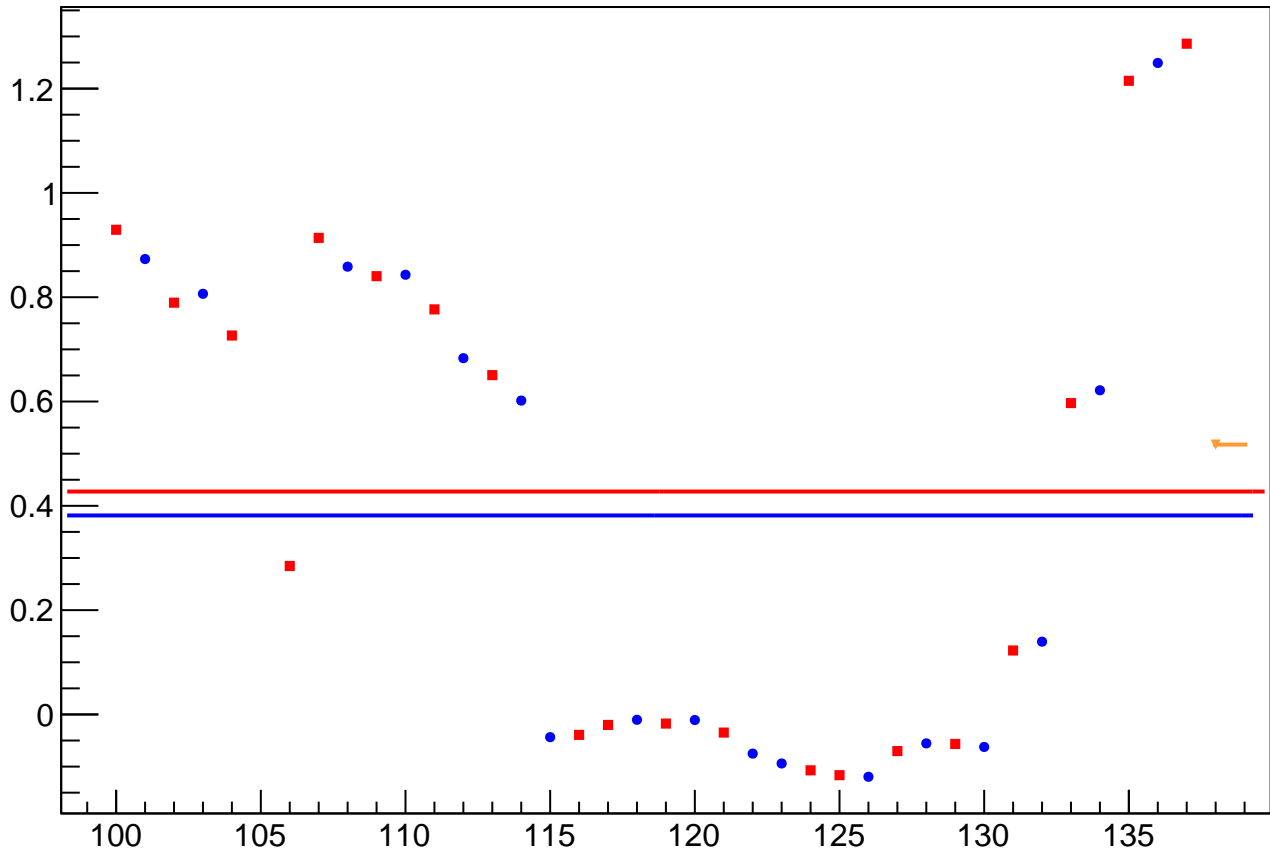
Right Out: 0.006+/-0.000 χ^2 /NDF: 52636.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.006+/-0.000 χ^2 /NDF: 98116.7/17

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: 0.517+/-0.000 χ^2/NDF : 0.0/0

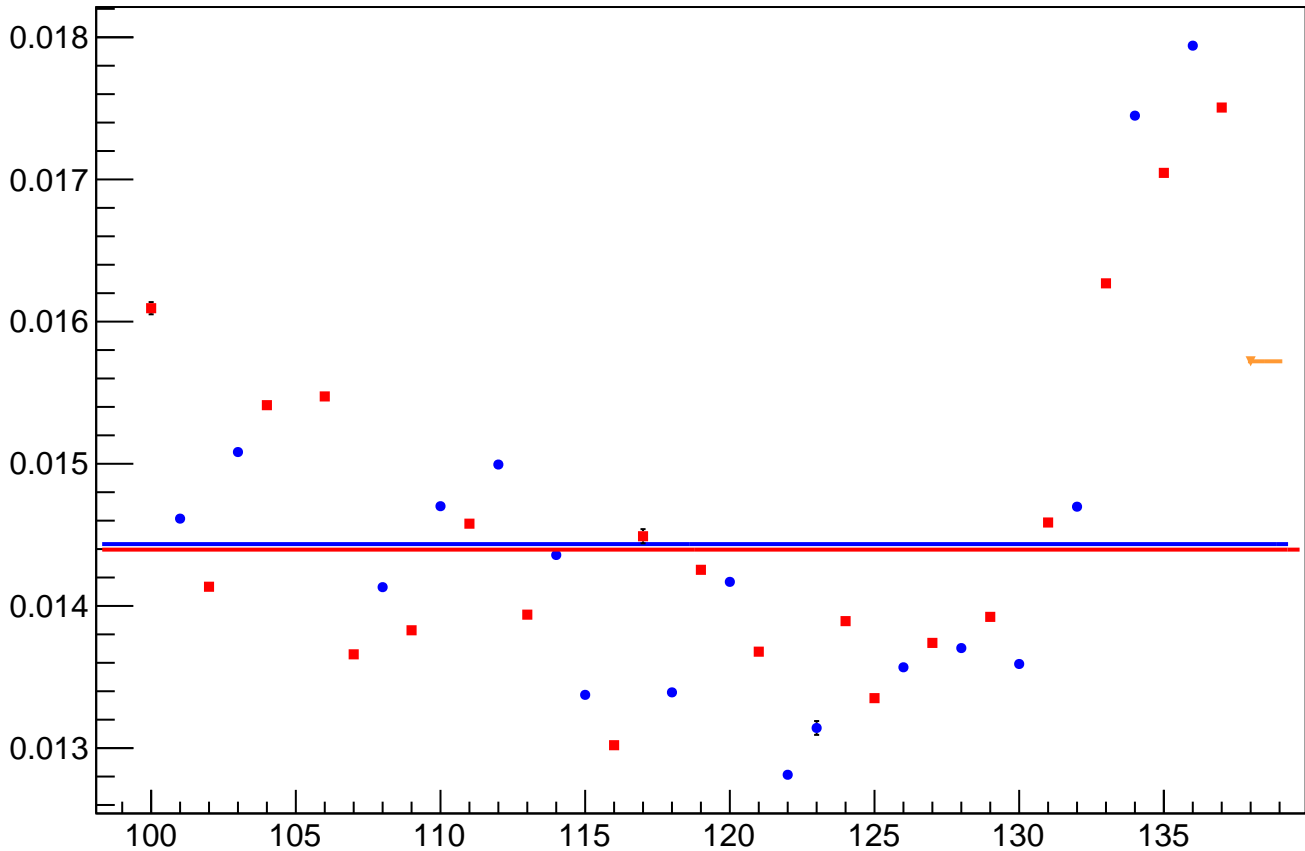
0.393+/-0.000 χ^2/NDF : 7174063593.8/17

Right Out: 0.427+/-0.000 χ^2/NDF : 6716521382.4/19

0.427+/-0.000 χ^2/NDF : 6716521382.4/19

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

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 110224.4/16

Left Out: 0.016+/-0.000 χ^2/NDF : 0.0/0

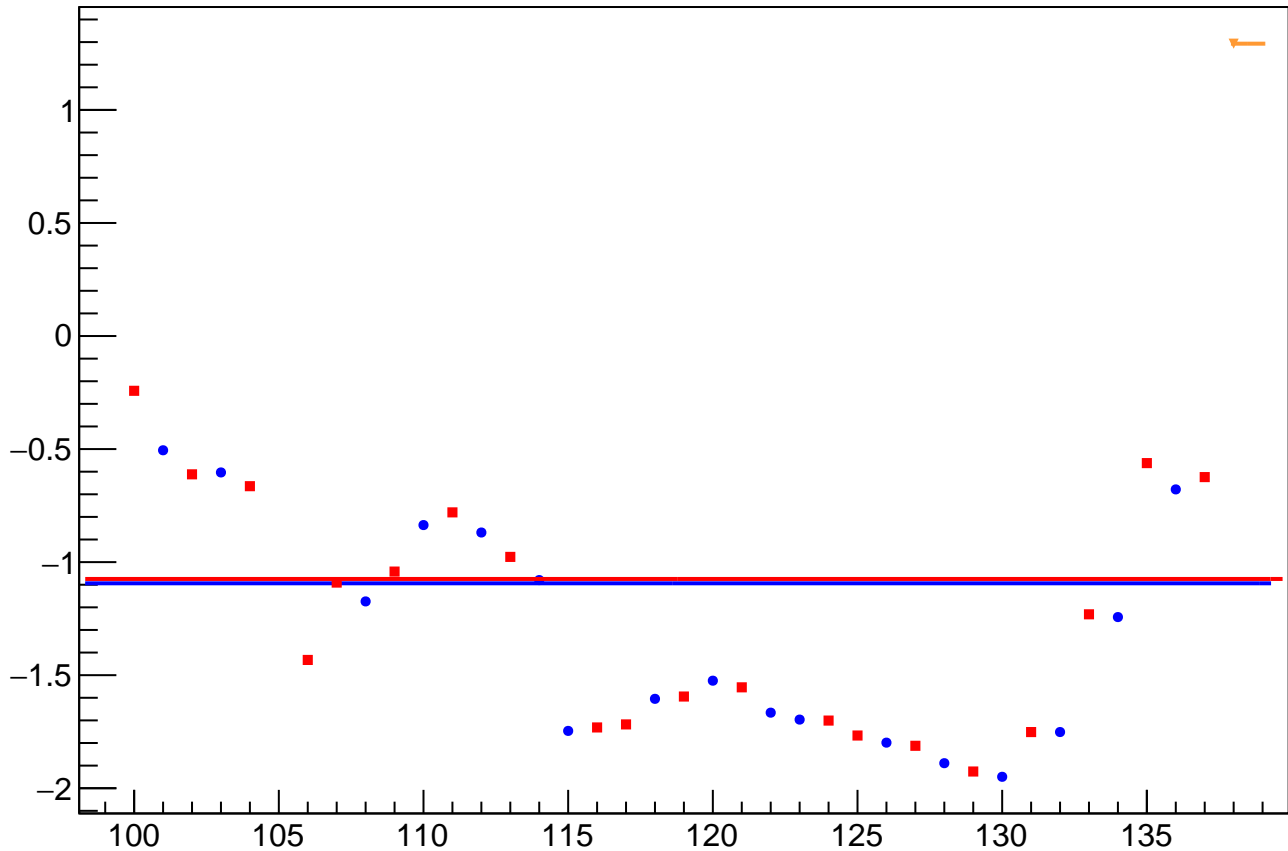
Right Out: 0.014+/-0.000 χ^2/NDF : 74535.1/19

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

0.015+/-0.000 χ^2/NDF : 119050.5/17

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: 1.293 ± 0.000 χ^2/NDF : 0.0/0

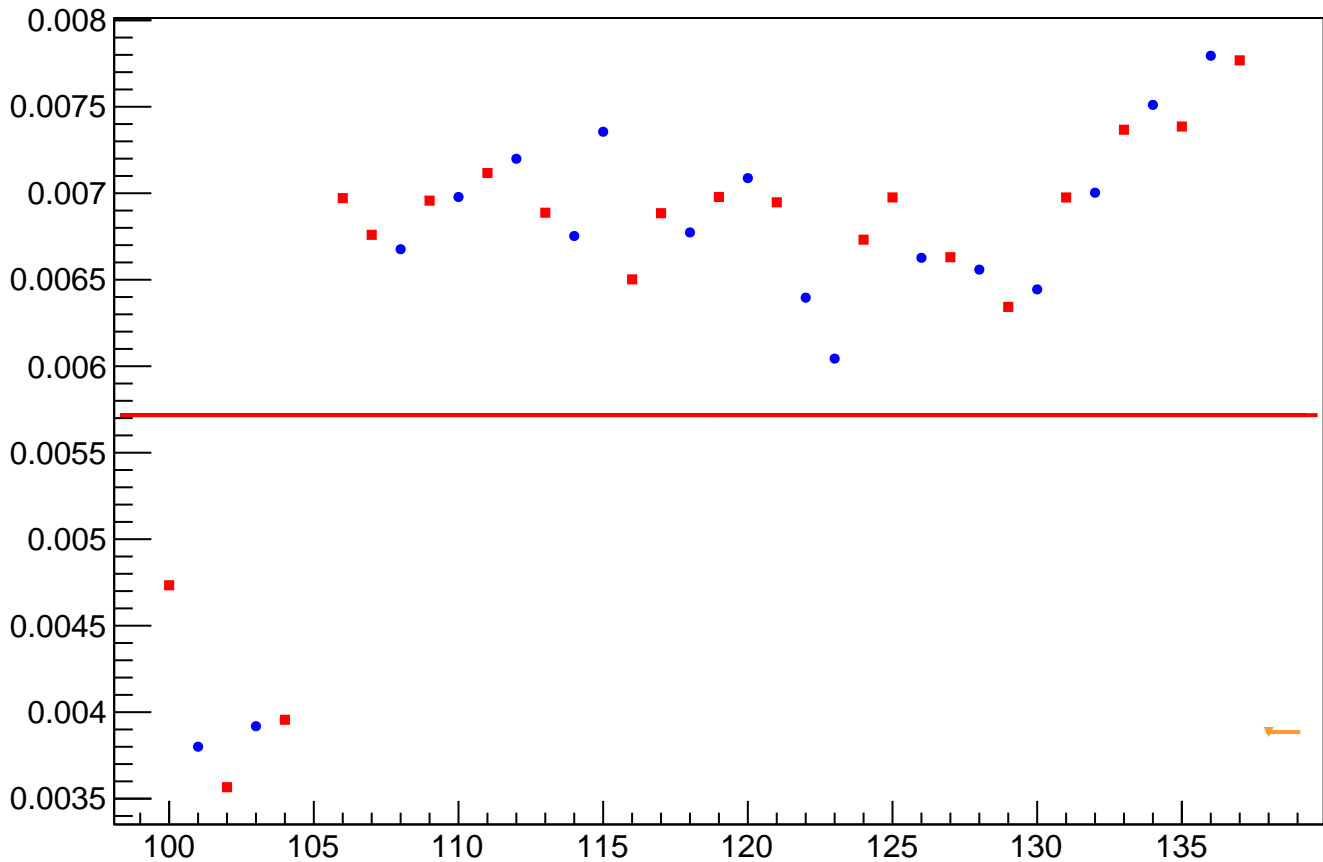
-0.610 ± 0.000 χ^2/NDF : 265546362609.0/17

Right Out: -1.074 ± 0.000 χ^2/NDF : 47208439320.8/19

-1.074 ± 0.000 χ^2/NDF : 47208439320.8/19

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

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2 /NDF: 837775.0/16

Left Out: 0.004+/-0.000 χ^2 /NDF:0.0/0

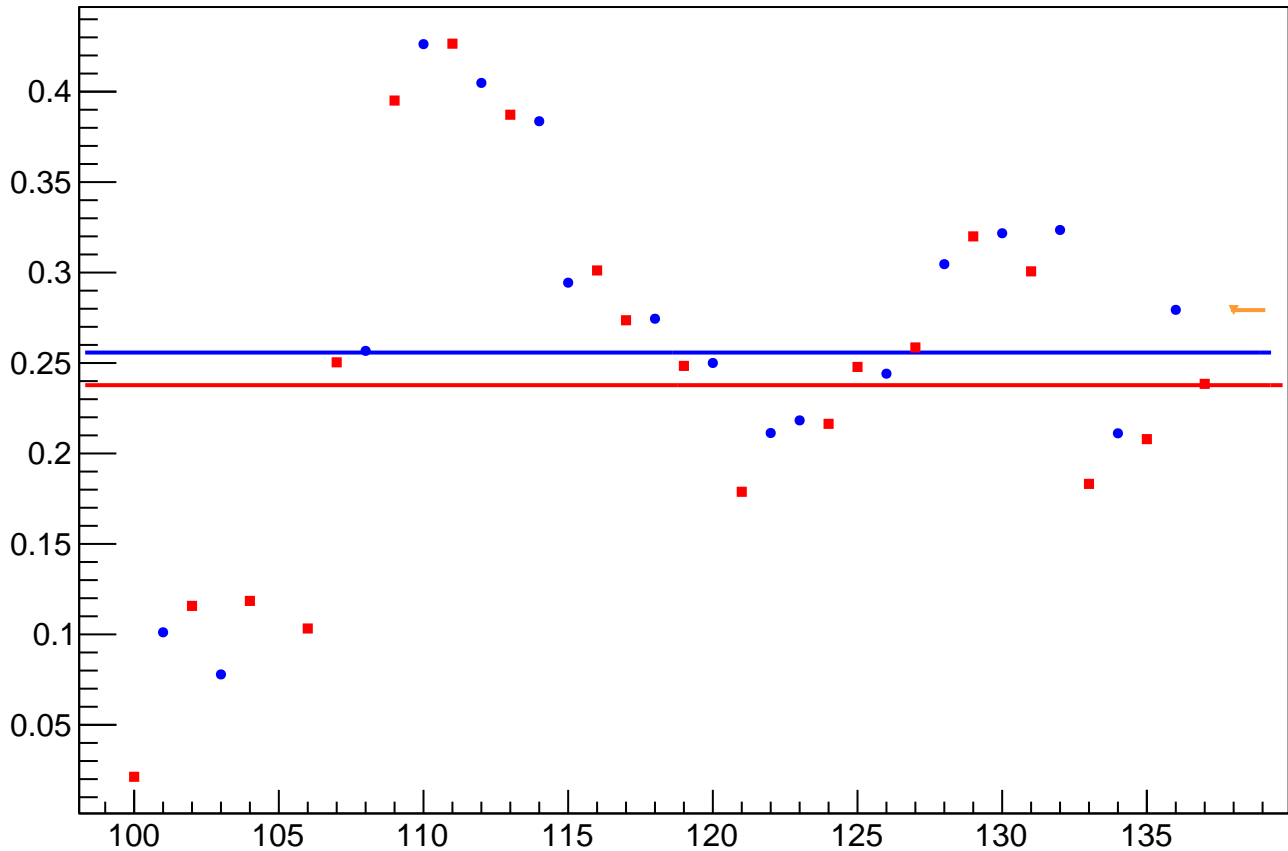
Right Out: 0.006+/-0.000 χ^2 /NDF: 925957.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.005+/-0.000 χ^2 /NDF: 1084829.6/17

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: 0.279+/-0.000 χ^2/NDF : 0.0/0

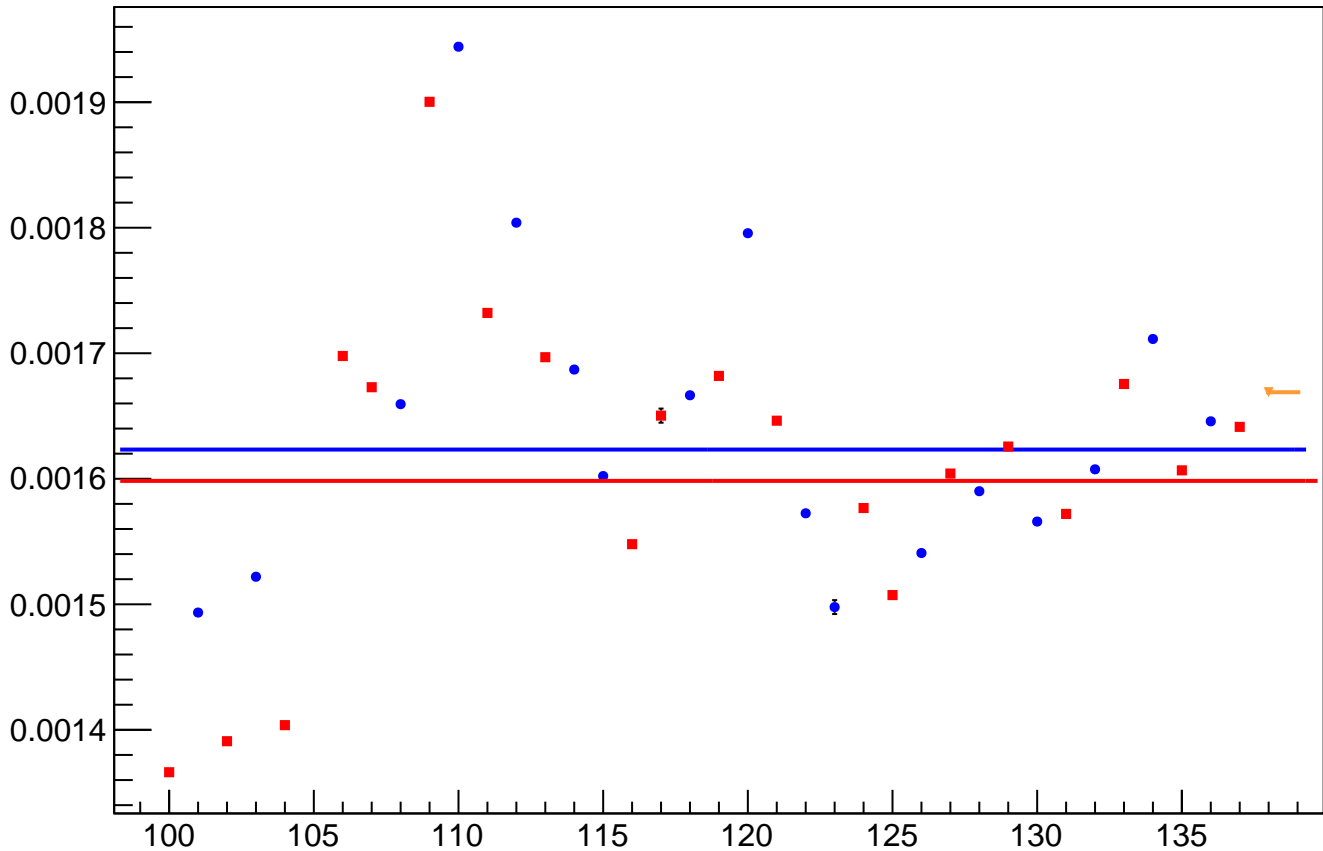
0.258+/-0.000 χ^2/NDF : 21495742868.4/17

Right Out: 0.238+/-0.000 χ^2/NDF : 26077768189.7/19

0.238+/-0.000 χ^2/NDF : 26077768189.7/19

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

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2 /NDF: 52468.7/16

Left Out: 0.002+/-0.000 χ^2 /NDF:0.0/0

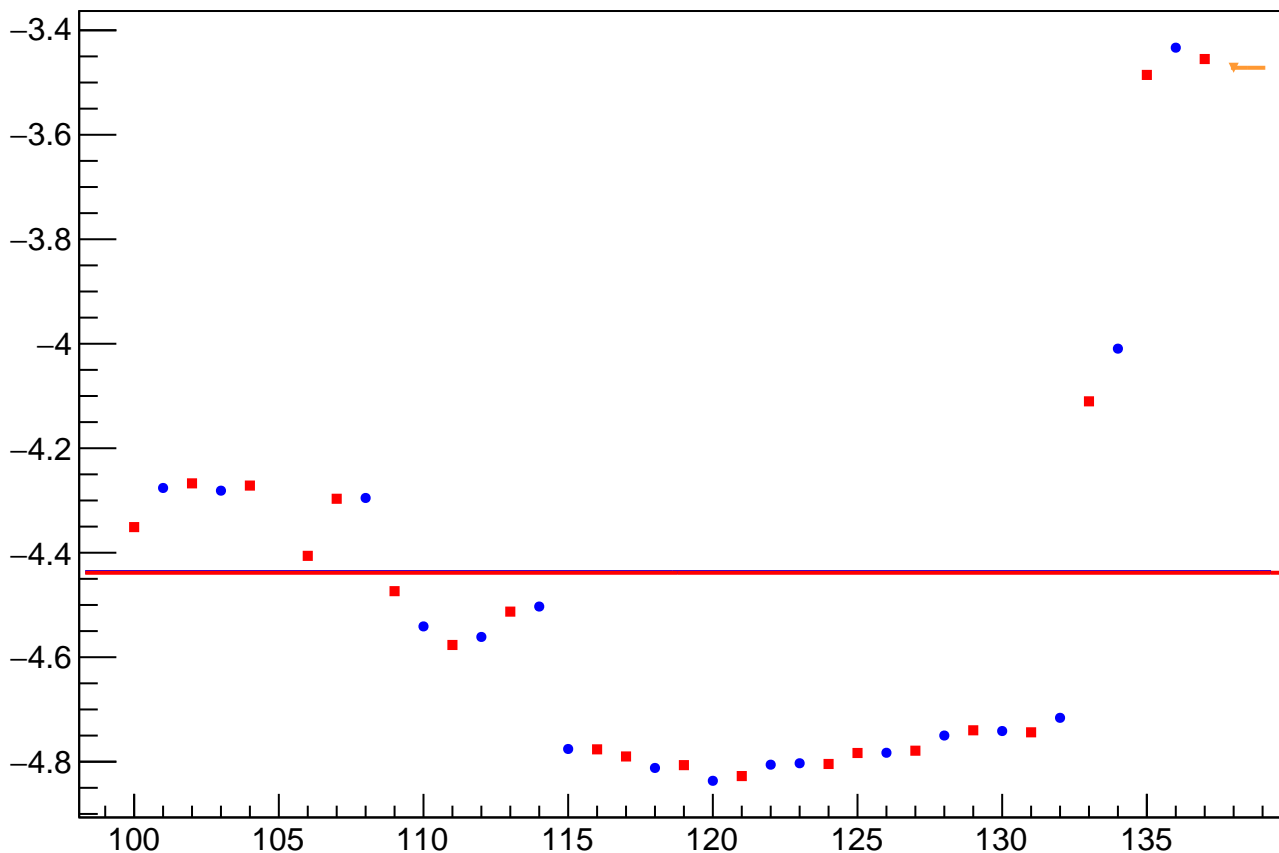
Right Out: 0.002+/-0.000 χ^2 /NDF: 90764.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.002+/-0.000 χ^2 /NDF: 53455.7/17

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: -3.472+/-0.000 χ^2 /NDF: 0.0/0

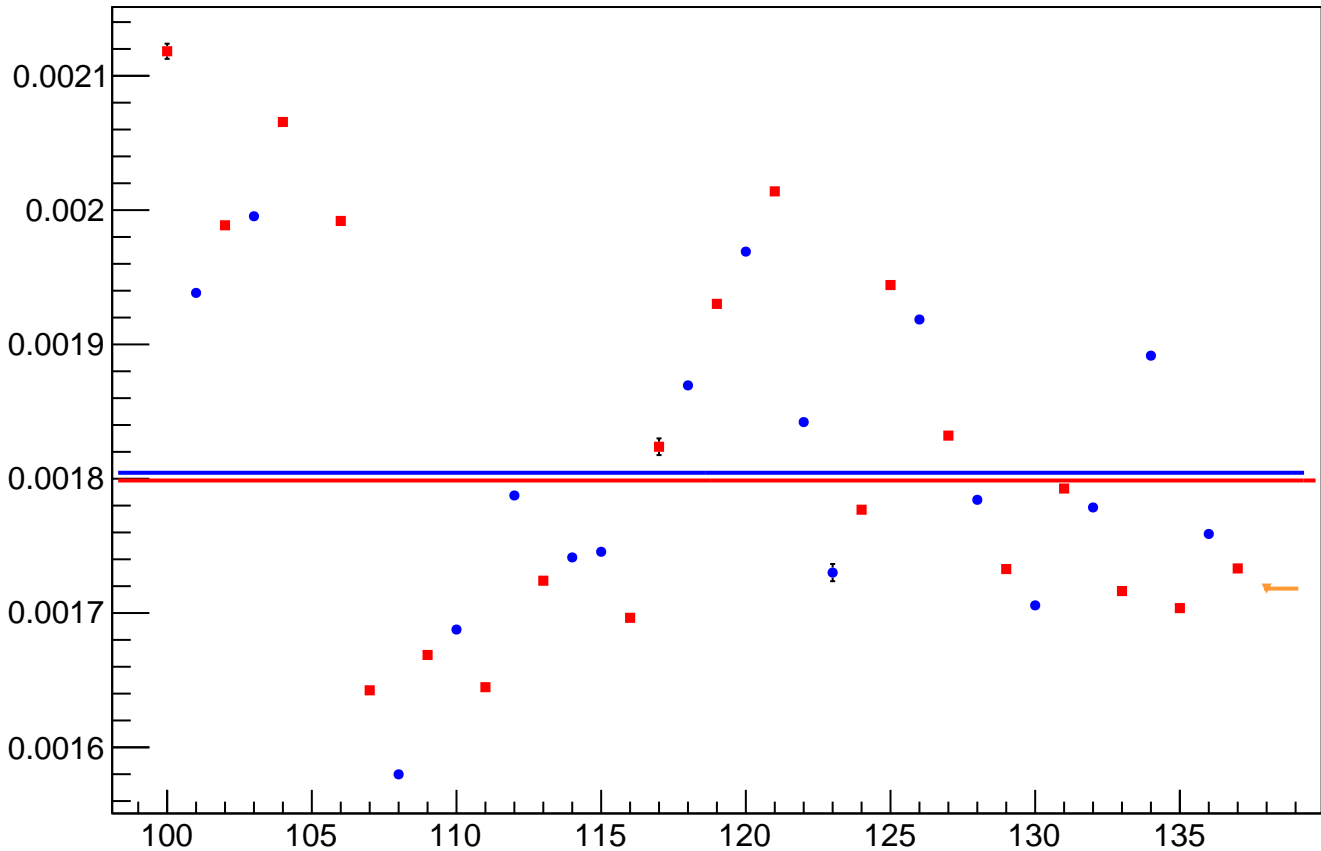
-4.336+/-0.000 χ^2 /NDF: 587679974781.2/17

Right Out: -4.438+/-0.000 χ^2 /NDF: 326800745779.7/19

-4.438+/-0.000 χ^2 /NDF: 326800745779.7/19

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

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2 /NDF: 49103.2/16

Left Out: 0.002+/-0.000 χ^2 /NDF:0.0/0

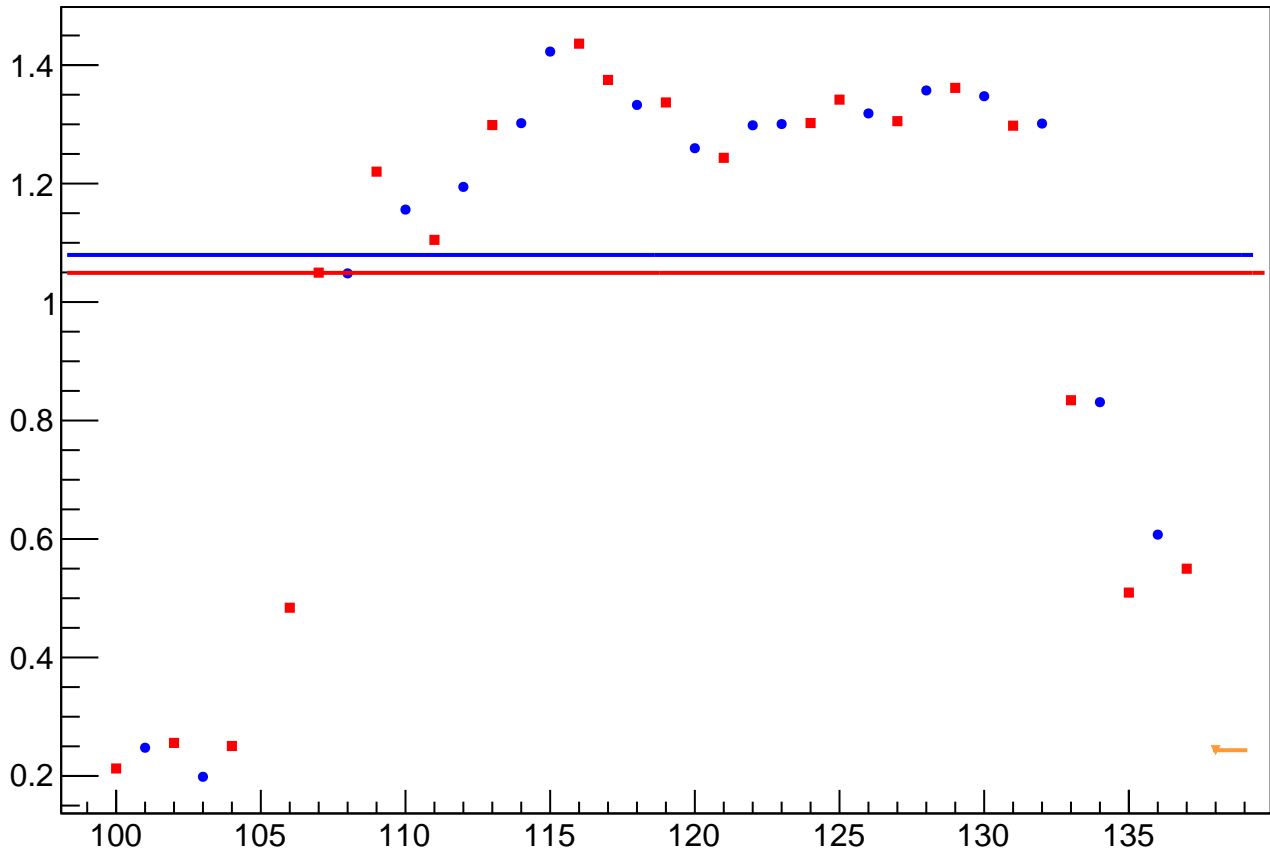
Right Out: 0.002+/-0.000 χ^2 /NDF: 81037.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.002+/-0.000 χ^2 /NDF: 52214.5/17

0.002+/-0.000 χ^2 /NDF: 81037.5/19

yield_bpm2i02X_mean vs Slug



Right In: 1.080 \pm 0.000 χ^2 /NDF: 17533321220.5/16

Left Out: 0.243 \pm 0.000 χ^2 /NDF:0.0/0

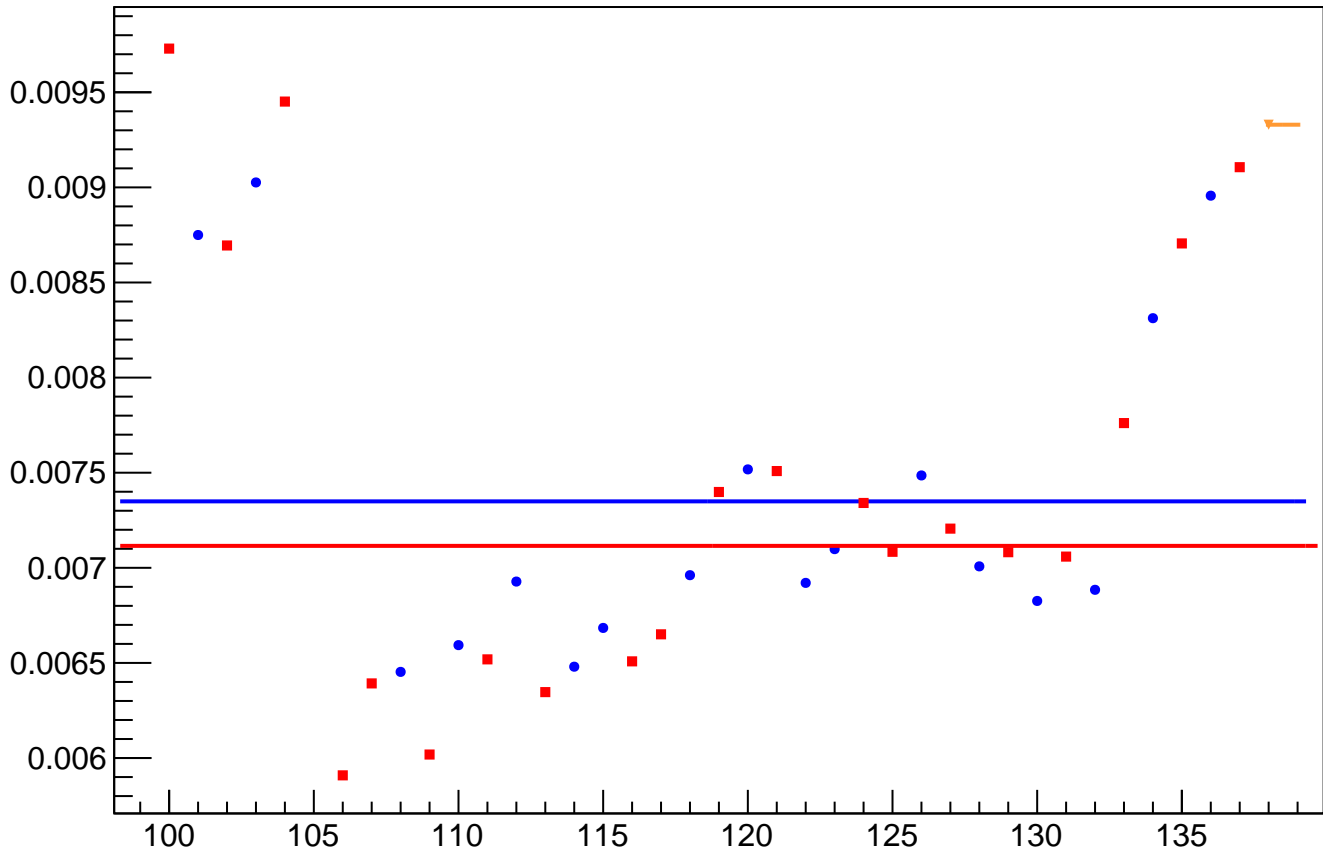
1.026 \pm 0.000 χ^2 /NDF: 22974324193.1/17

Right Out: 1.049 \pm 0.000 χ^2 /NDF: 19787986428.4/19

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

1.049 \pm 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: 0.009+/-0.000 χ^2/NDF : 0.0/0

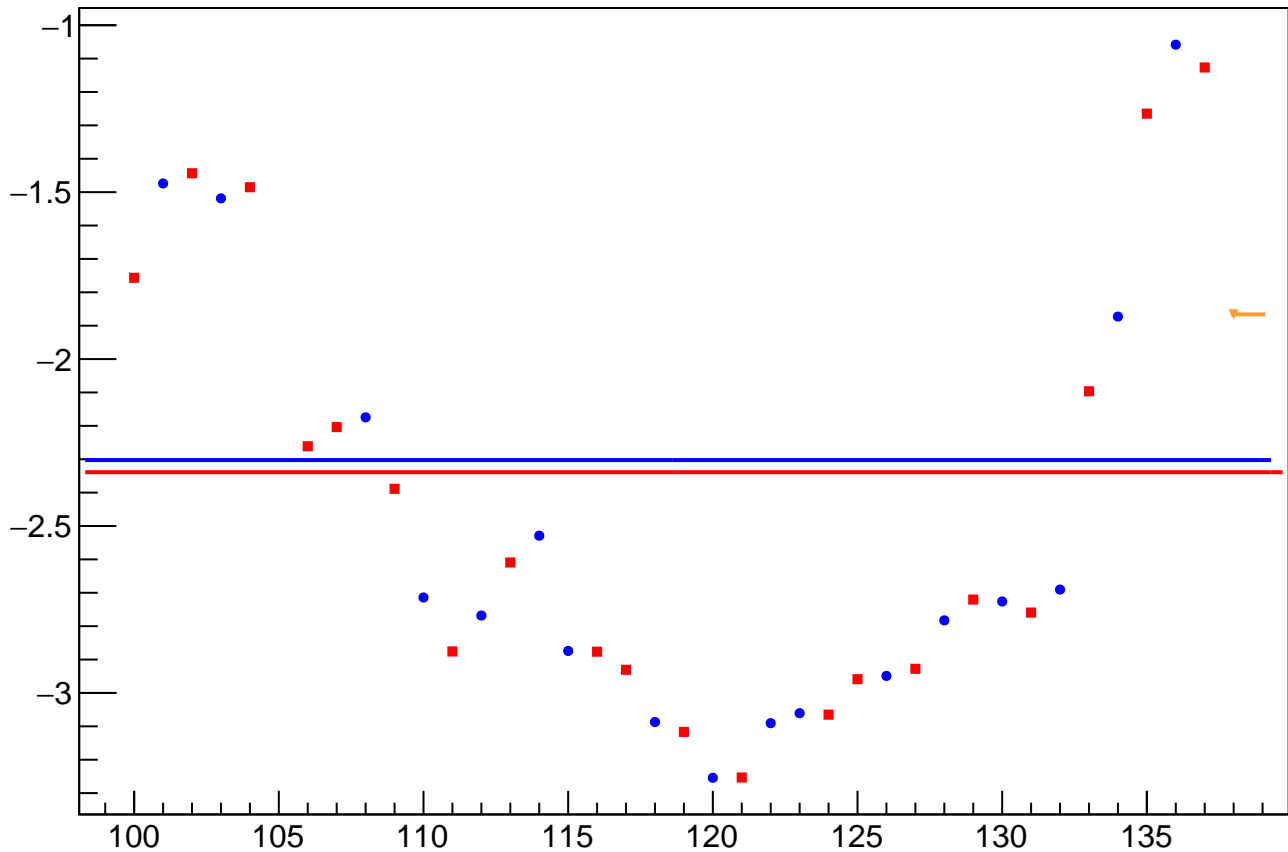
Right Out: 0.007+/-0.000 χ^2/NDF : 259539.3/19

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

0.007+/-0.000 χ^2/NDF : 241861.8/17

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: -1.866+/-0.000 χ^2 /NDF: 0.0/0

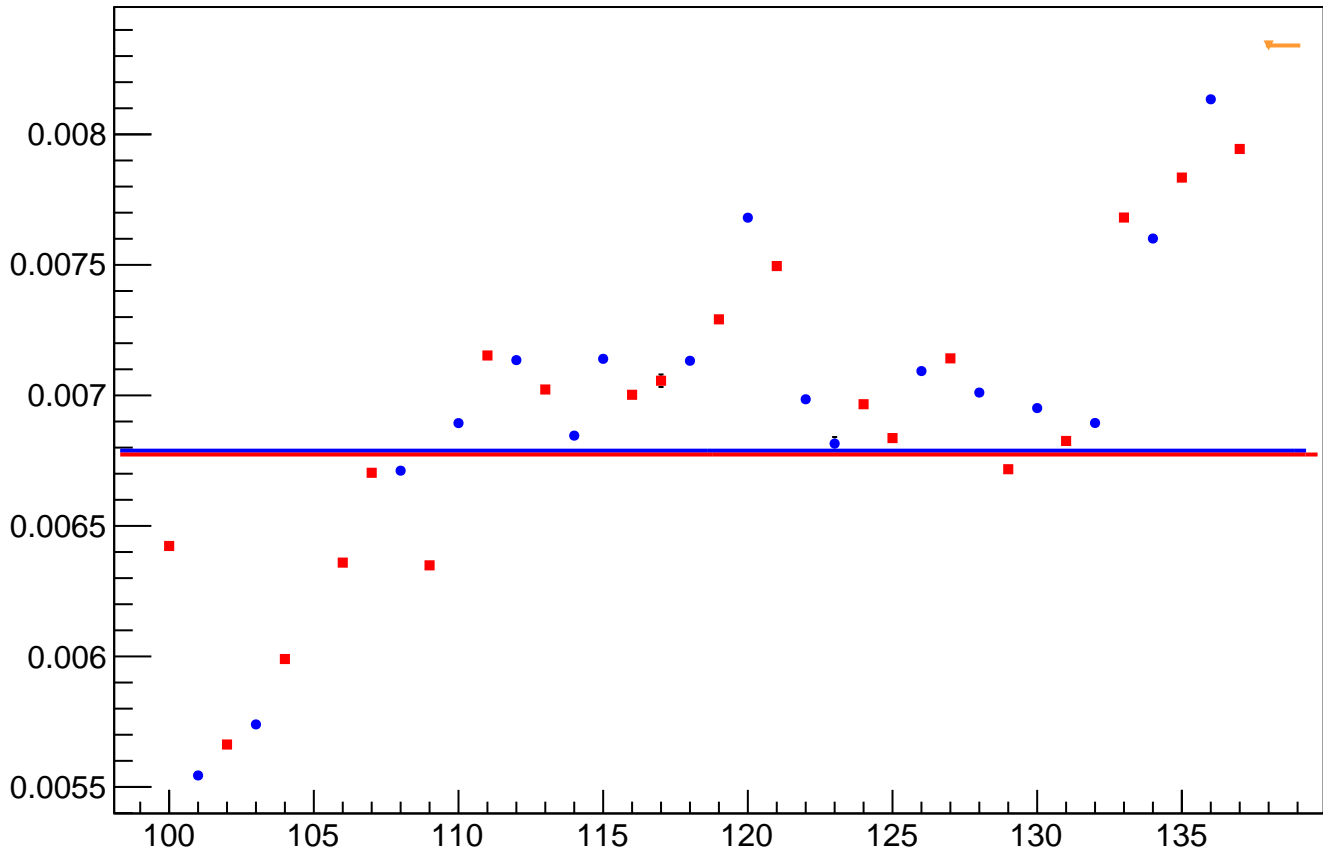
-2.273+/-0.000 χ^2 /NDF: 75623269967.3/17

Right Out: -2.339+/-0.000 χ^2 /NDF: 64804828308.5/19

-2.339+/-0.000 χ^2 /NDF: 64804828308.5/19

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

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2 /NDF: 165199.2/16

Left Out: 0.008+/-0.000 χ^2 /NDF:0.0/0

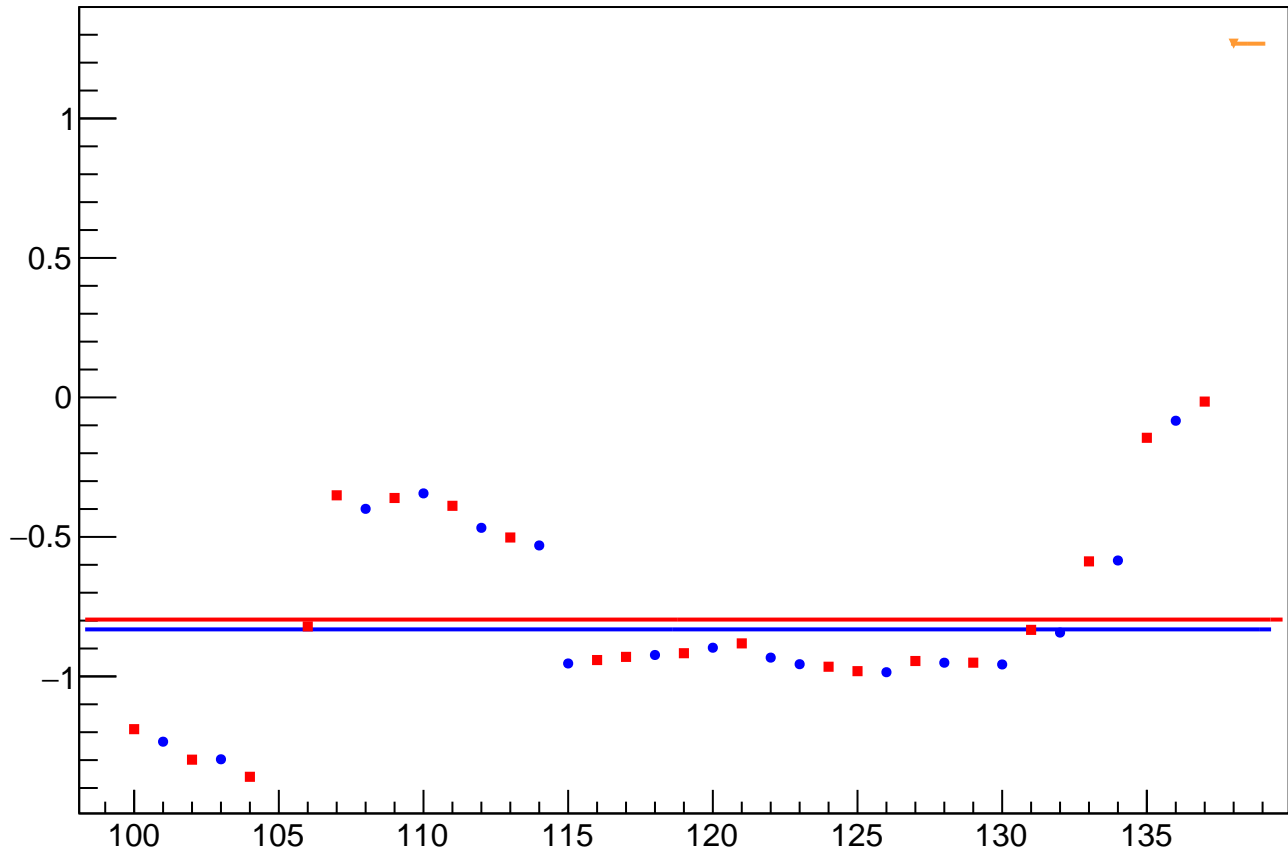
Right Out: 0.007+/-0.000 χ^2 /NDF: 123383.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.007+/-0.000 χ^2 /NDF: 212428.9/17

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: 1.268 ± 0.000 χ^2/NDF : 0.0/0

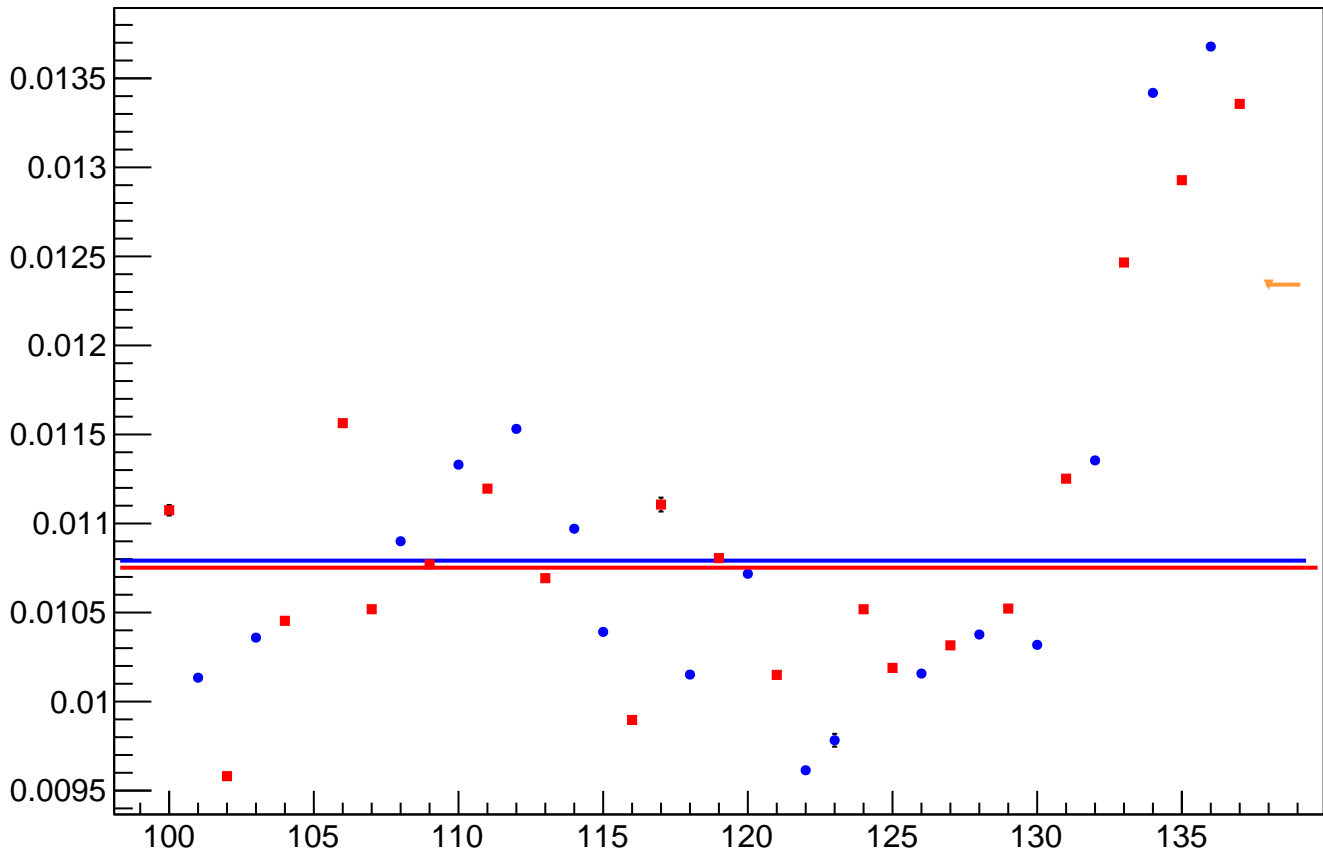
-0.668 ± 0.000 χ^2/NDF : 26002236367.1/17

Right Out: -0.796 ± 0.000 χ^2/NDF : 7827622544.3/19

-0.796 ± 0.000 χ^2/NDF : 7827622544.3/19

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

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 125802.4/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

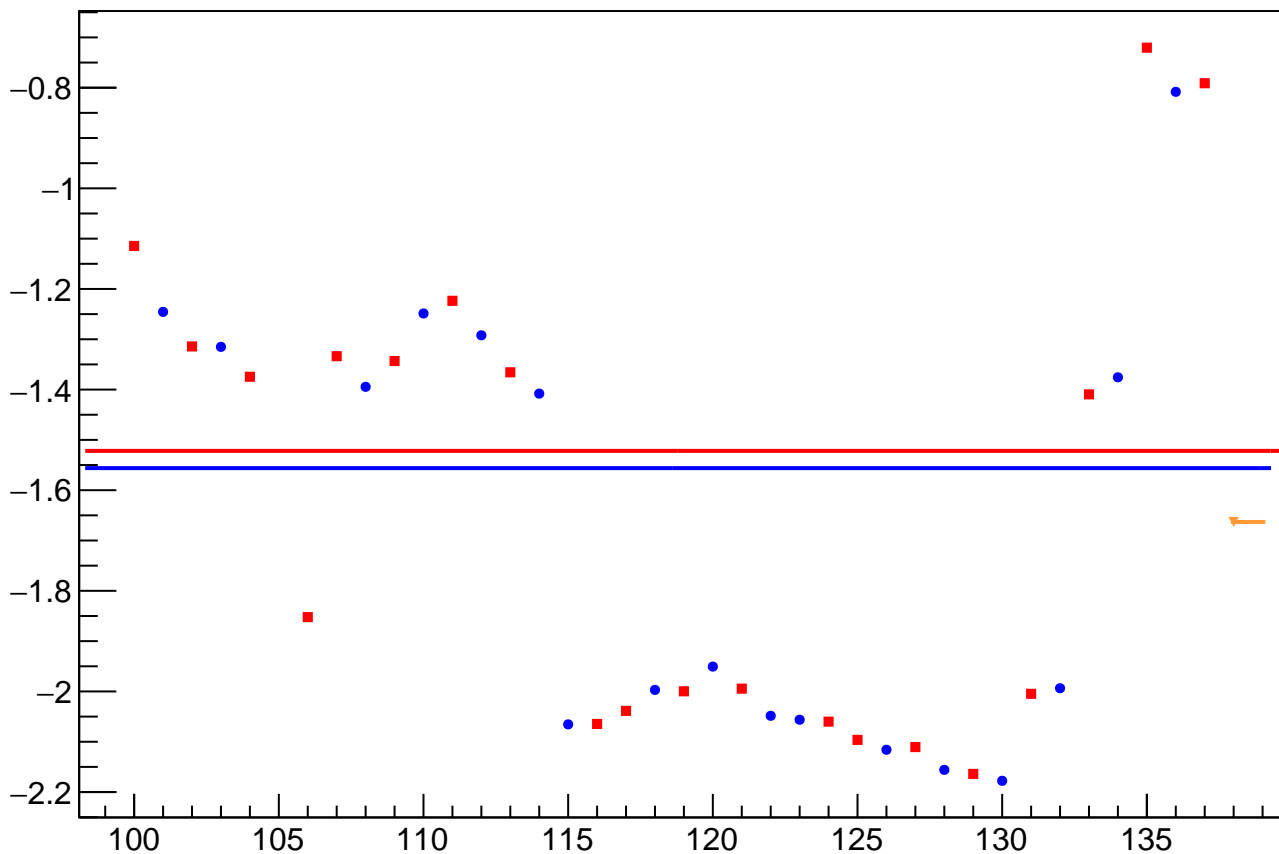
Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

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

0.011+/-0.000 χ^2/NDF : 146853.6/17

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: -1.663+/-0.000 χ^2 /NDF:0.0/0

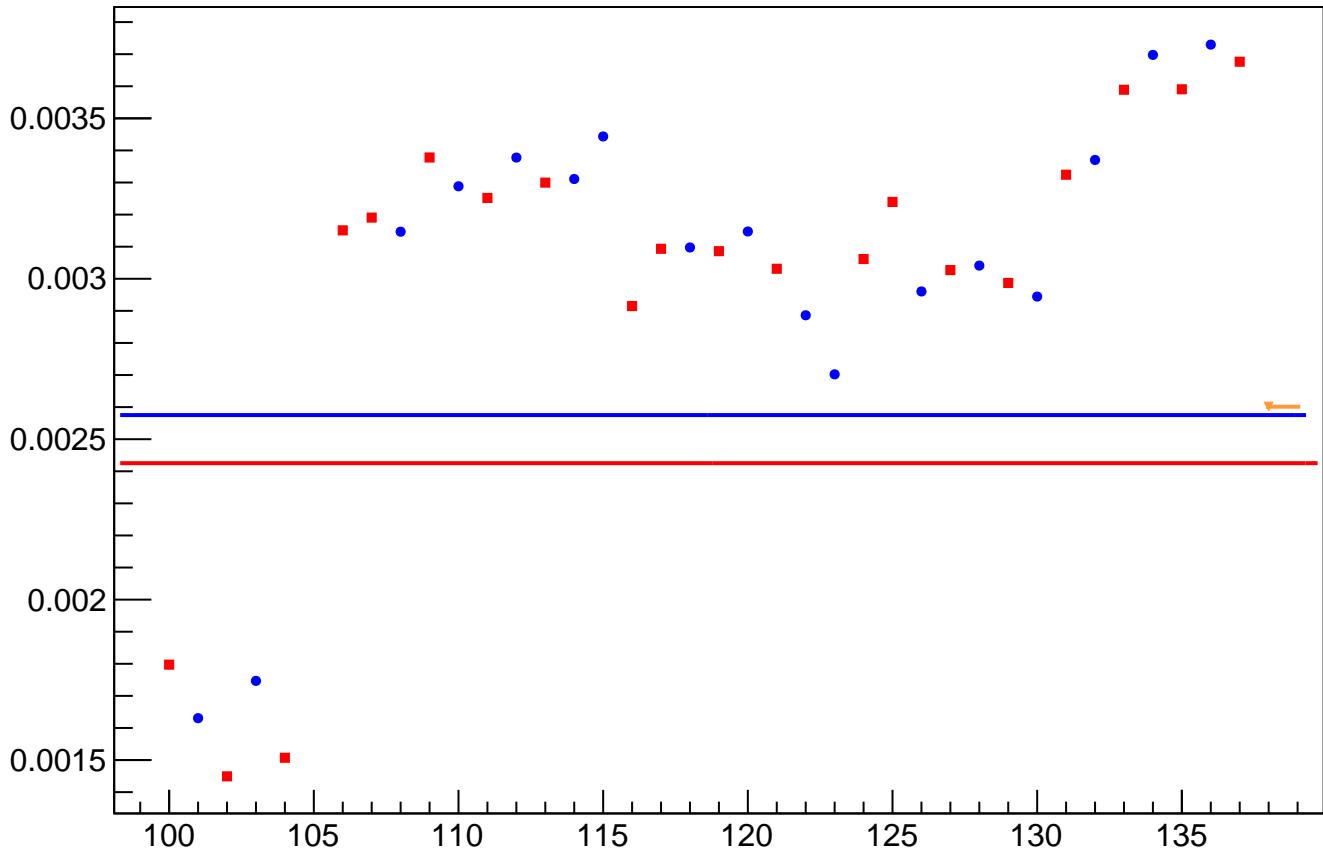
-1.568+/-0.000 χ^2 /NDF: 156033621082.7/17

Right Out: -1.522+/-0.000 χ^2 /NDF: 139385229659.4/19

-1.522+/-0.000 χ^2 /NDF: 139385229659.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2 /NDF: 1013833.9/16

Left Out: 0.003+/-0.000 χ^2 /NDF:0.0/0

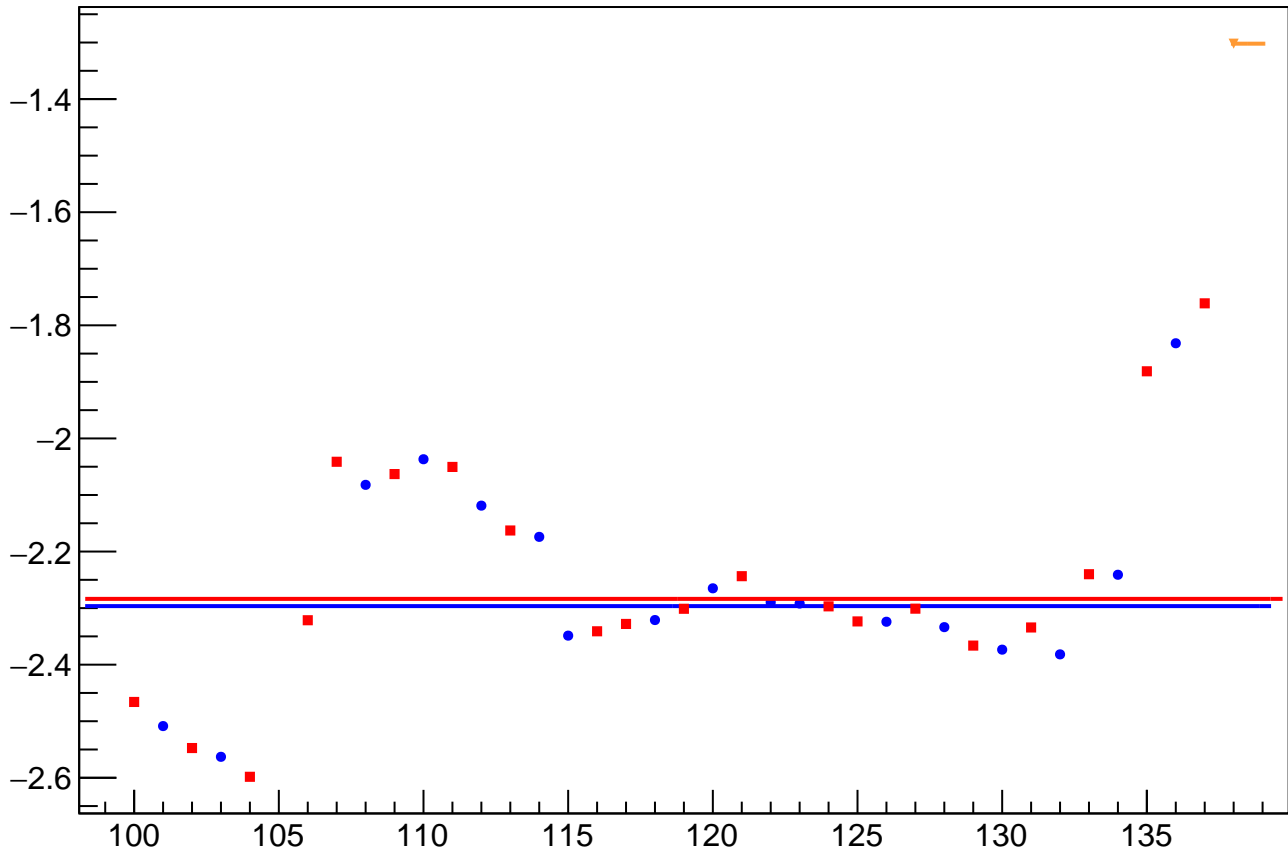
Right Out: 0.002+/-0.000 χ^2 /NDF: 1493210.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.003+/-0.000 χ^2 /NDF: 1013960.6/17

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: -1.302+/-0.000 χ^2 /NDF: 0.0/0

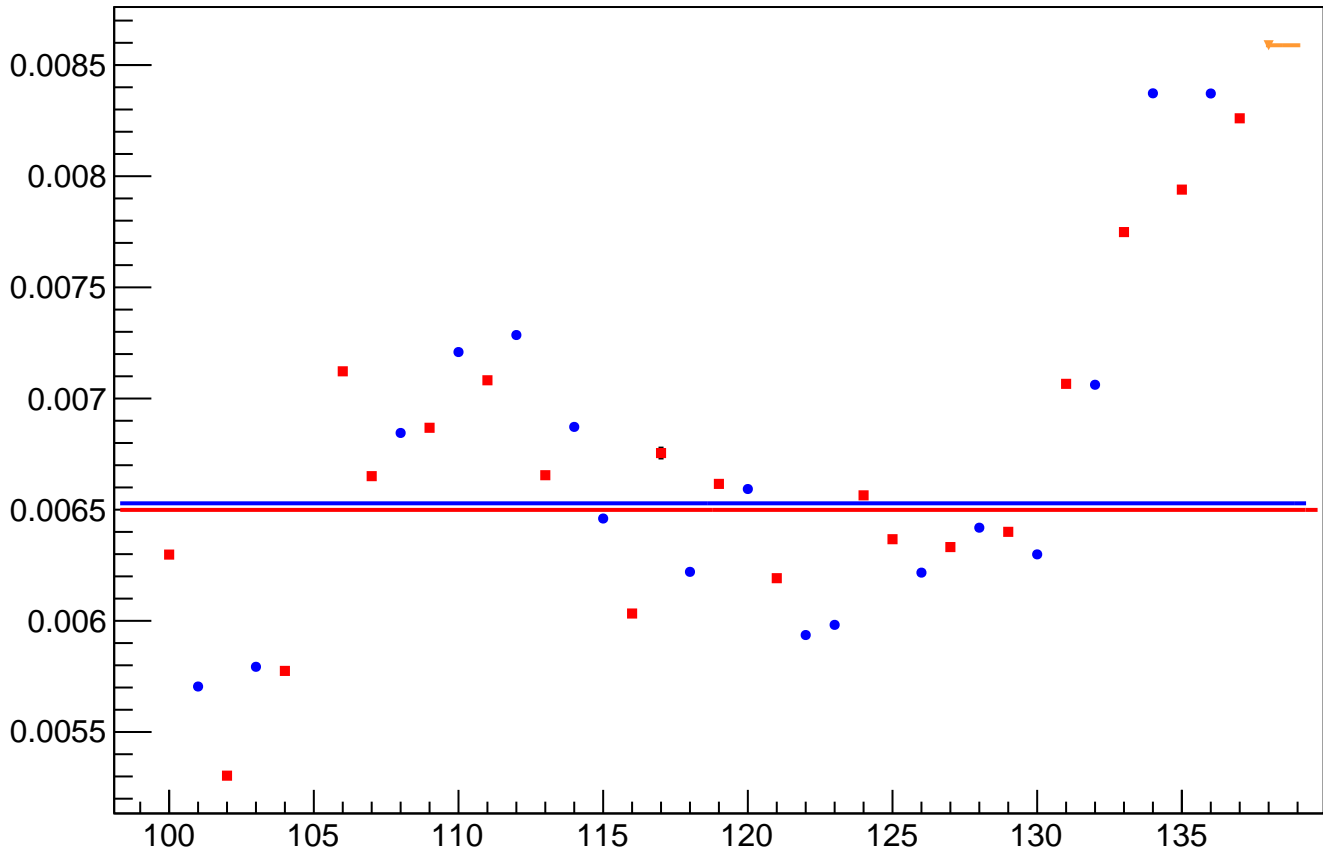
-2.236+/-0.000 χ^2 /NDF: 14874270546.0/17

Right Out: -2.284+/-0.000 χ^2 /NDF: 6550363990.6/19

-2.284+/-0.000 χ^2 /NDF: 6550363990.6/19

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

yield_bpm0i01aX_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 176467.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

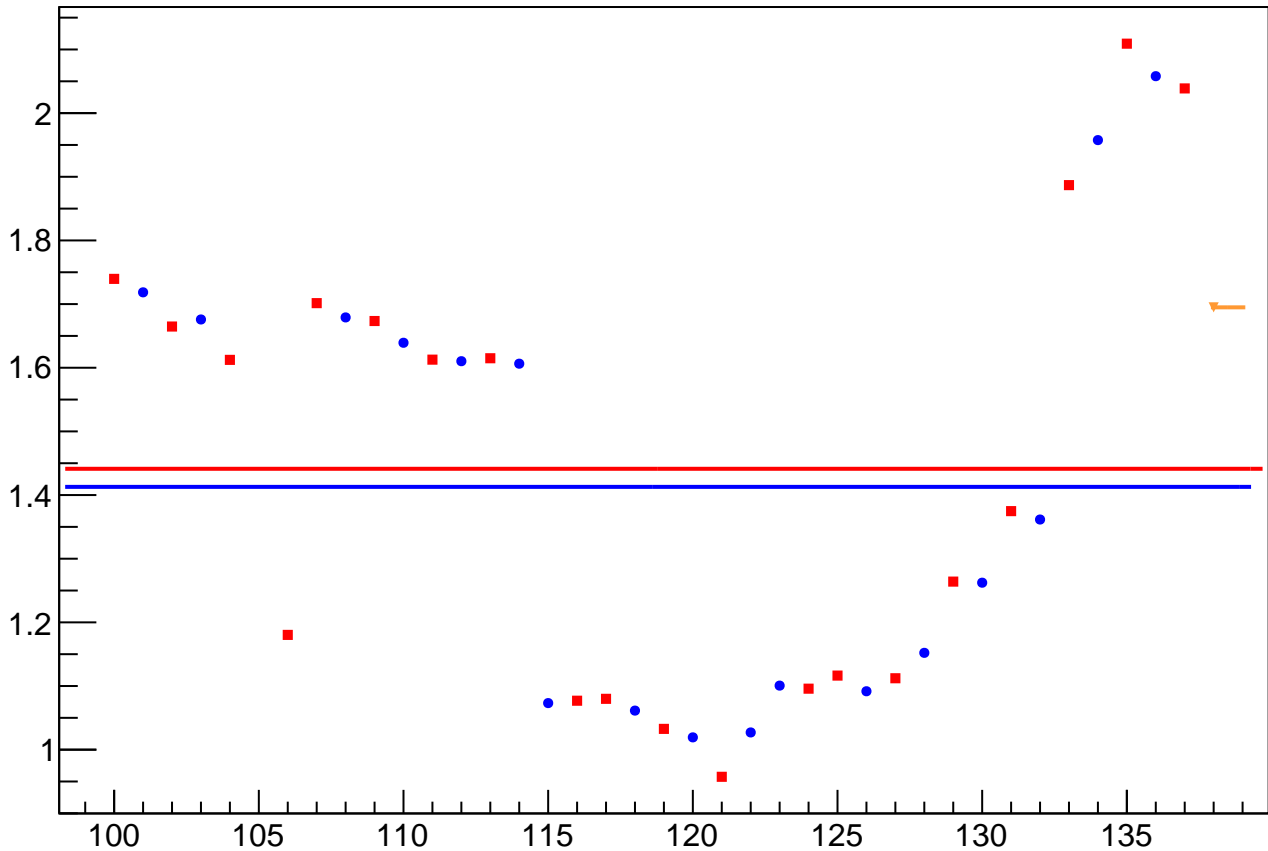
Right Out: 0.006+/-0.000 χ^2/NDF : 164253.8/19

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

0.007+/-0.000 χ^2/NDF : 254523.4/17

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: 1.695+/-0.000 χ^2 /NDF:0.0/0

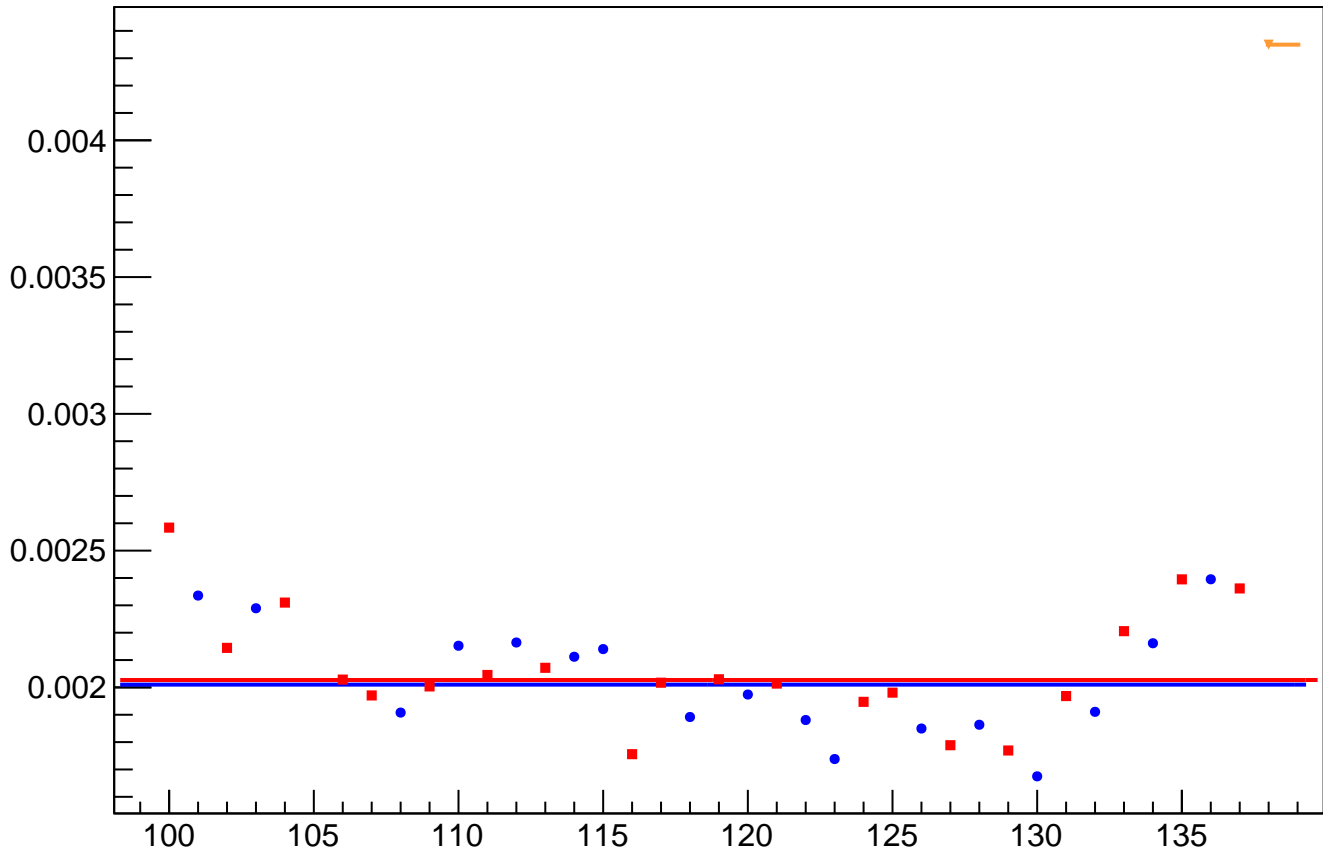
1.420+/-0.000 χ^2 /NDF: 175520593165.6/17

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: 0.004+/-0.000 χ^2/NDF : 0.0/0

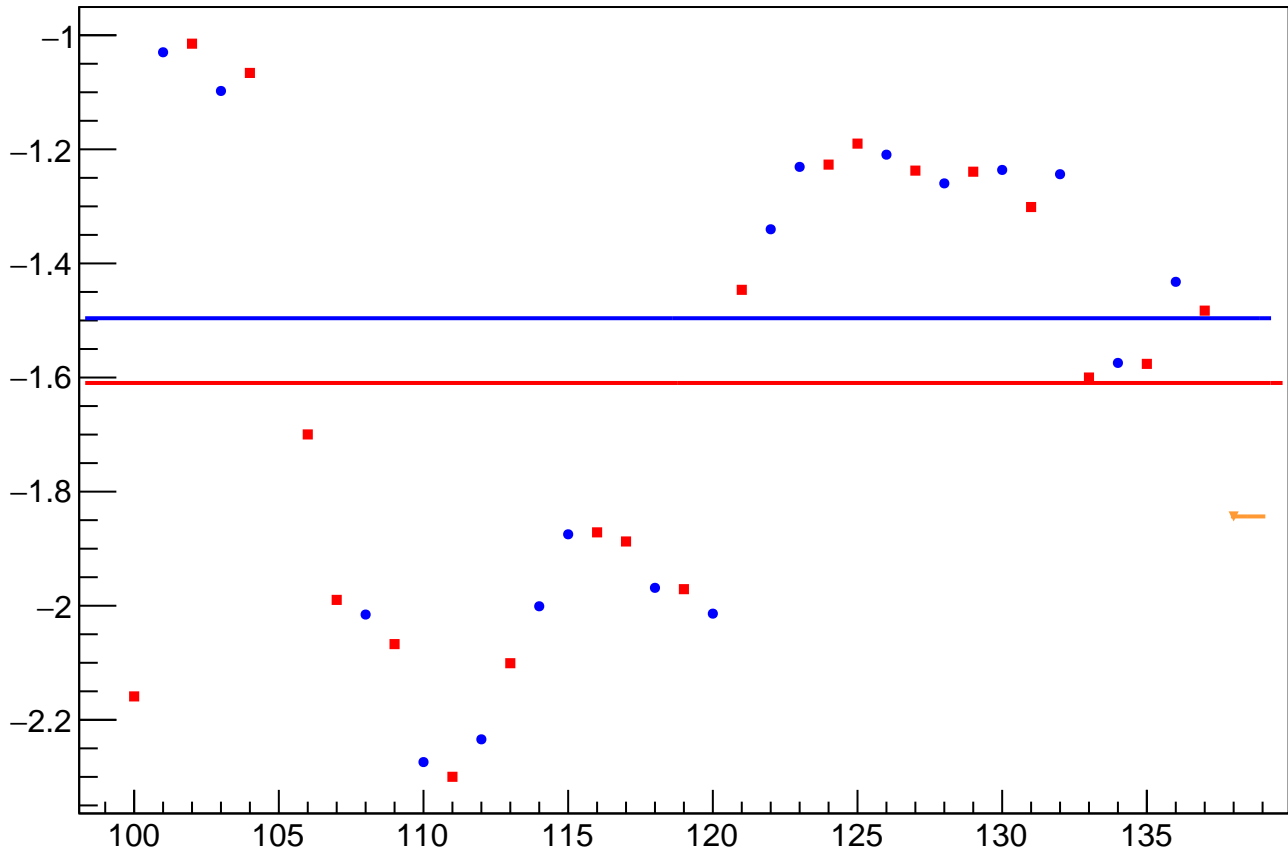
Right Out: 0.002+/-0.000 χ^2/NDF : 103927.8/19

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

0.002+/-0.000 χ^2/NDF : 559920.3/17

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: -1.843+/-0.000 χ^2 /NDF: 0.0/0

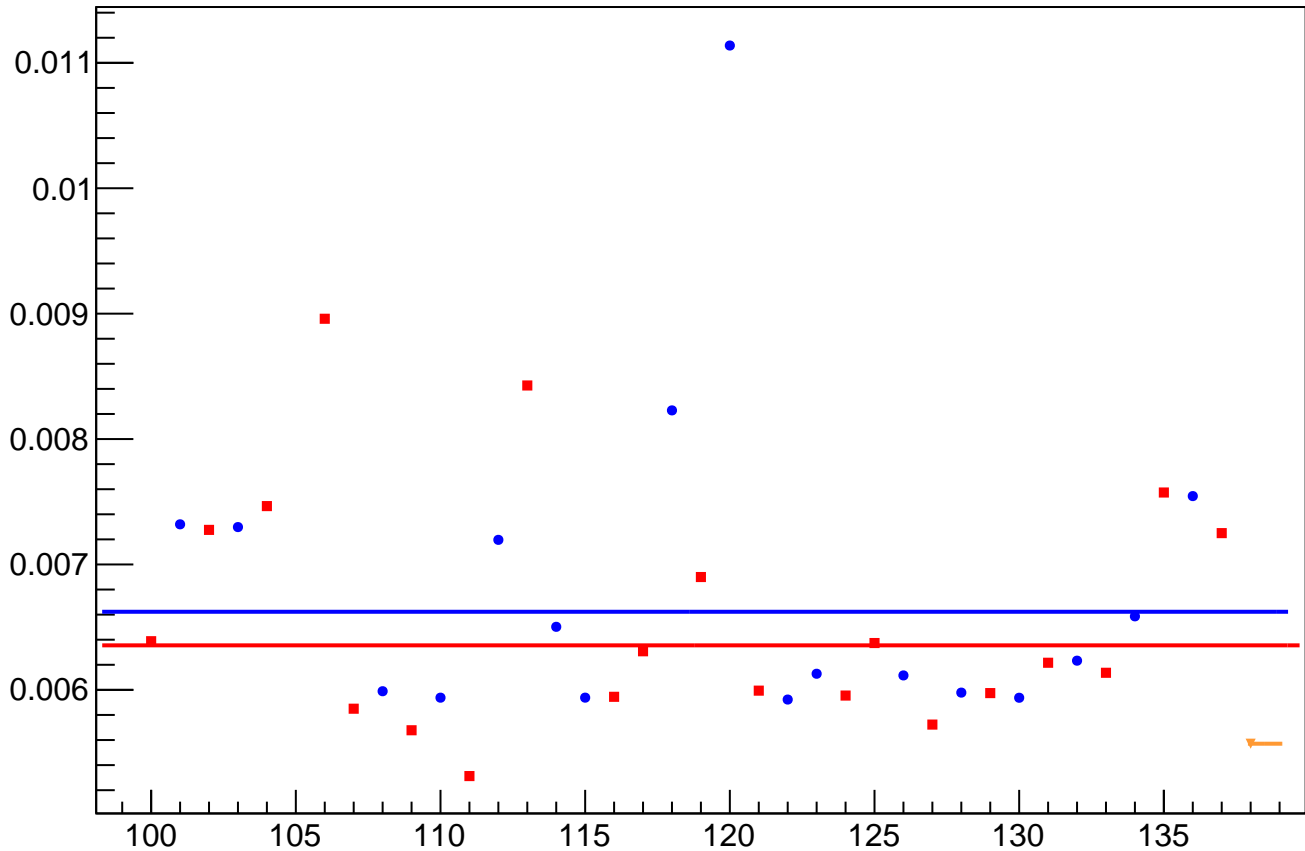
-1.546+/-0.000 χ^2 /NDF: 24913479506.2/17

Right Out: -1.610+/-0.000 χ^2 /NDF: 27919840690.9/19

-1.610+/-0.000 χ^2 /NDF: 27919840690.9/19

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

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2 /NDF: 232630.4/16

Left Out: 0.006+/-0.000 χ^2 /NDF:0.0/0

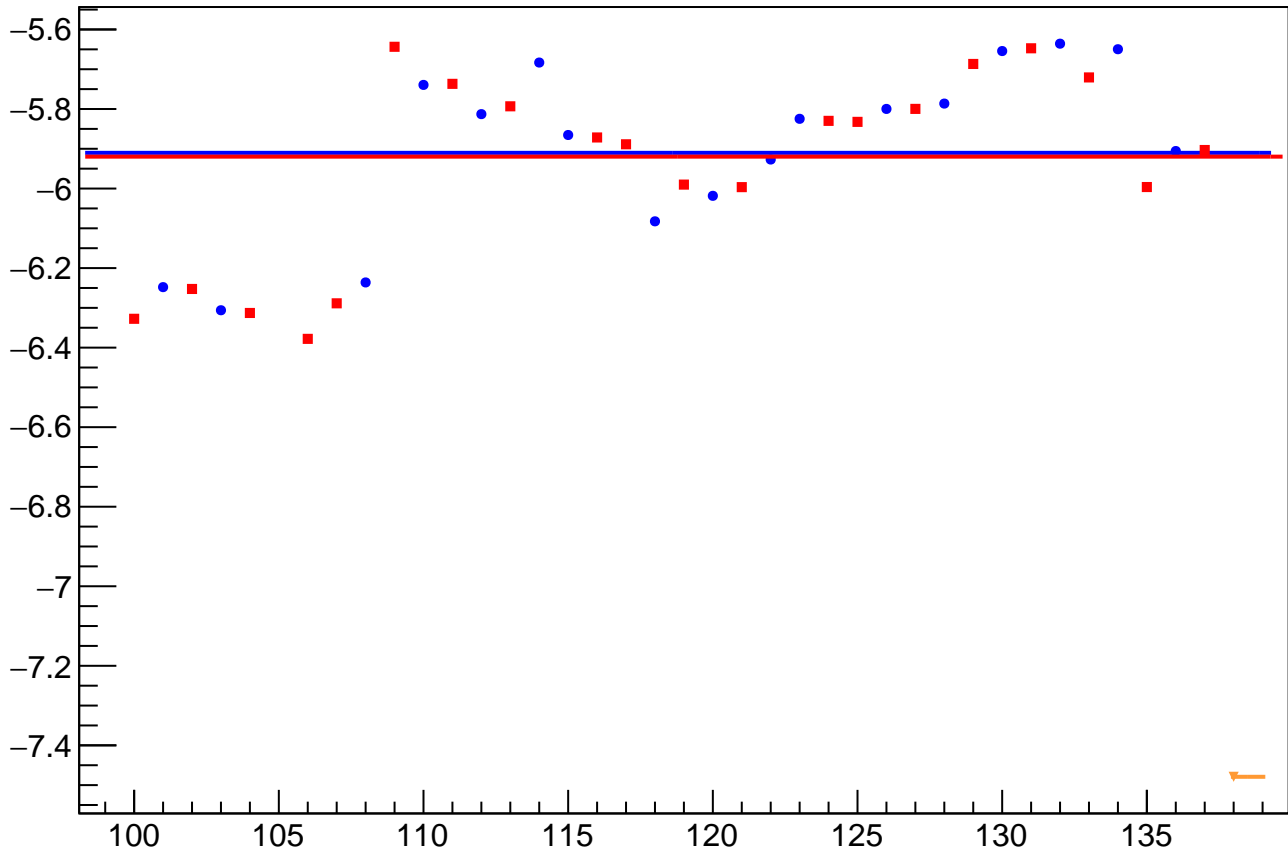
Right Out: 0.006+/-0.000 χ^2 /NDF: 227865.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.006+/-0.000 χ^2 /NDF: 276435.1/17

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: -7.479+/-0.000 χ^2 /NDF:0.0/0

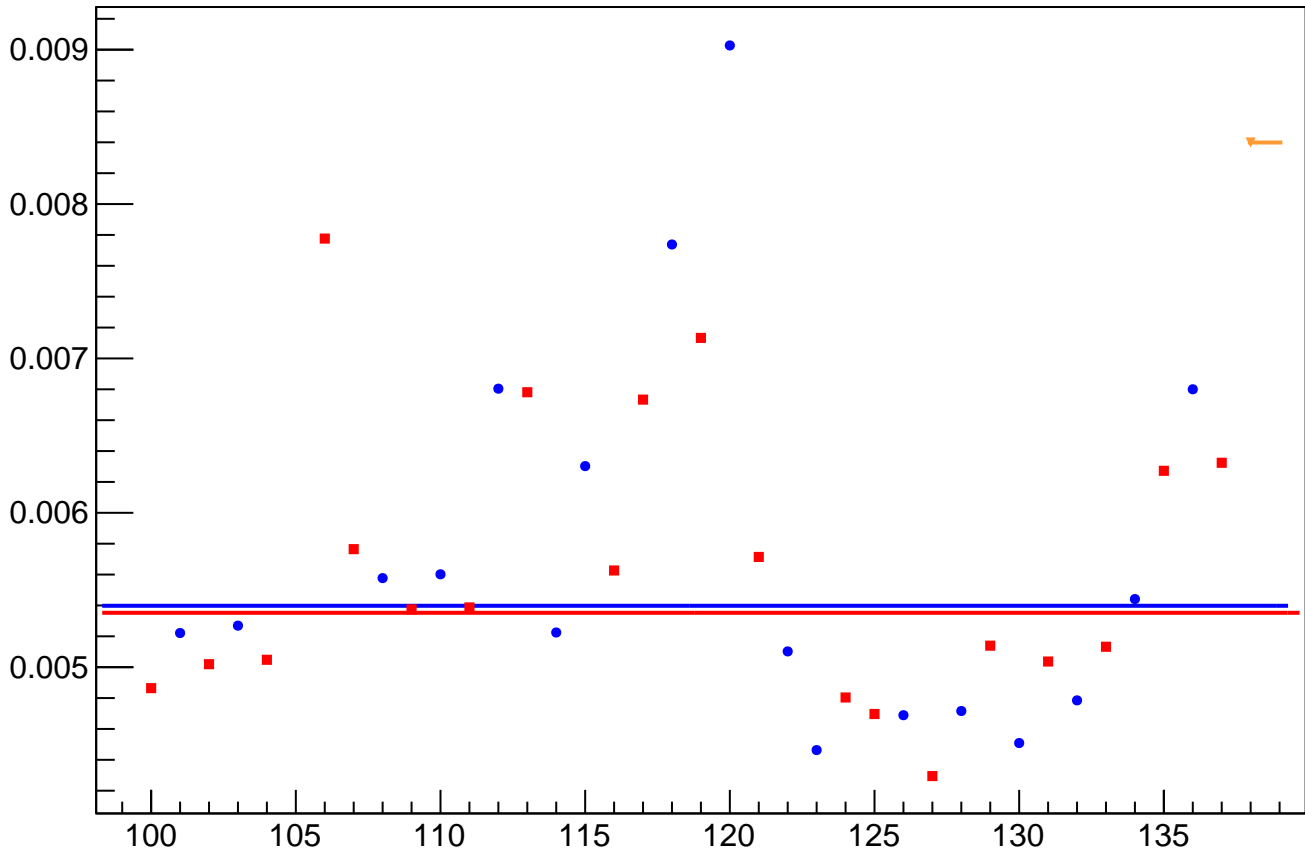
-5.971+/-0.000 χ^2 /NDF: 30525384696.0/17

Right Out: -5.920+/-0.000 χ^2 /NDF: 12786449843.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.920+/-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: 0.008+/-0.000 χ^2/NDF : 0.0/0

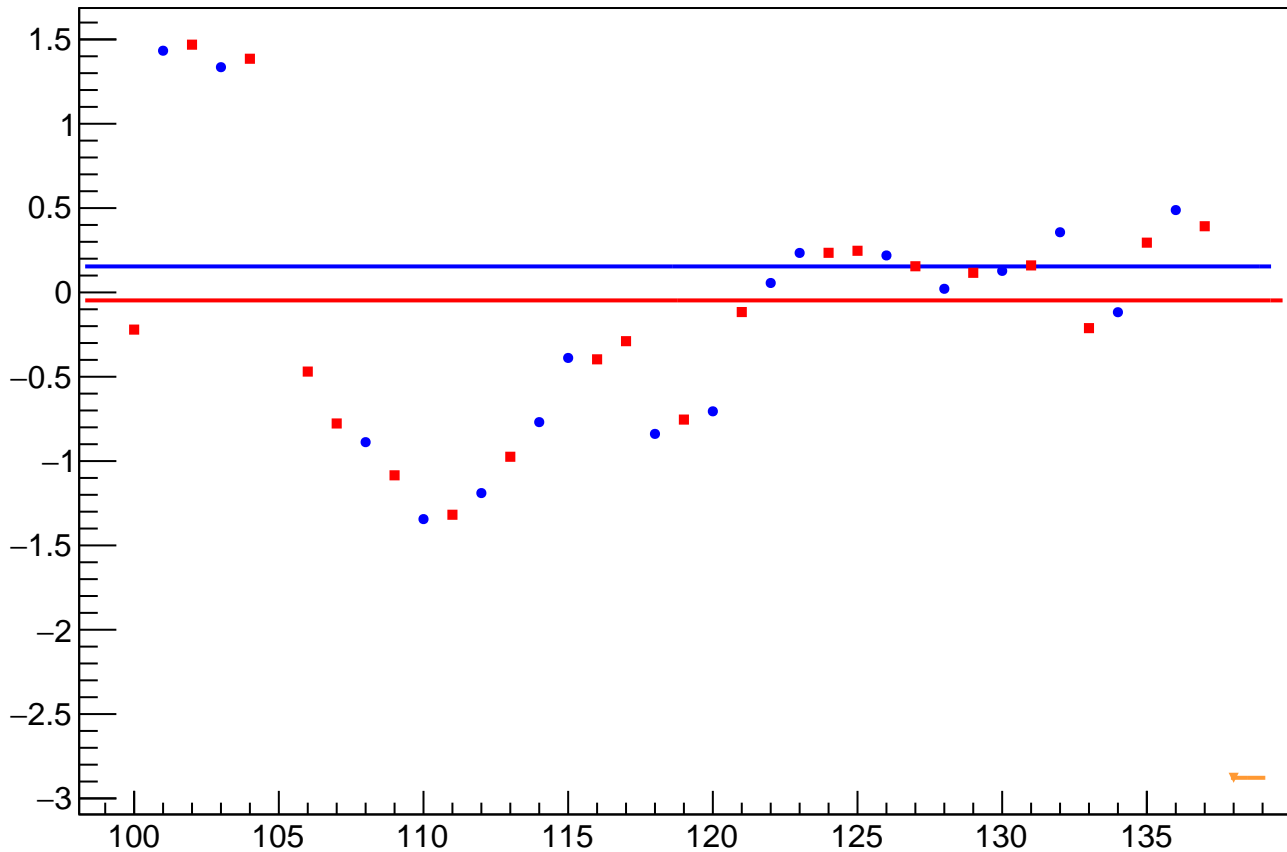
Right Out: 0.005+/-0.000 χ^2/NDF : 252664.1/19

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

0.006+/-0.000 χ^2/NDF : 513093.6/17

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: -2.878+/-0.000 χ^2/NDF : 0.0/0

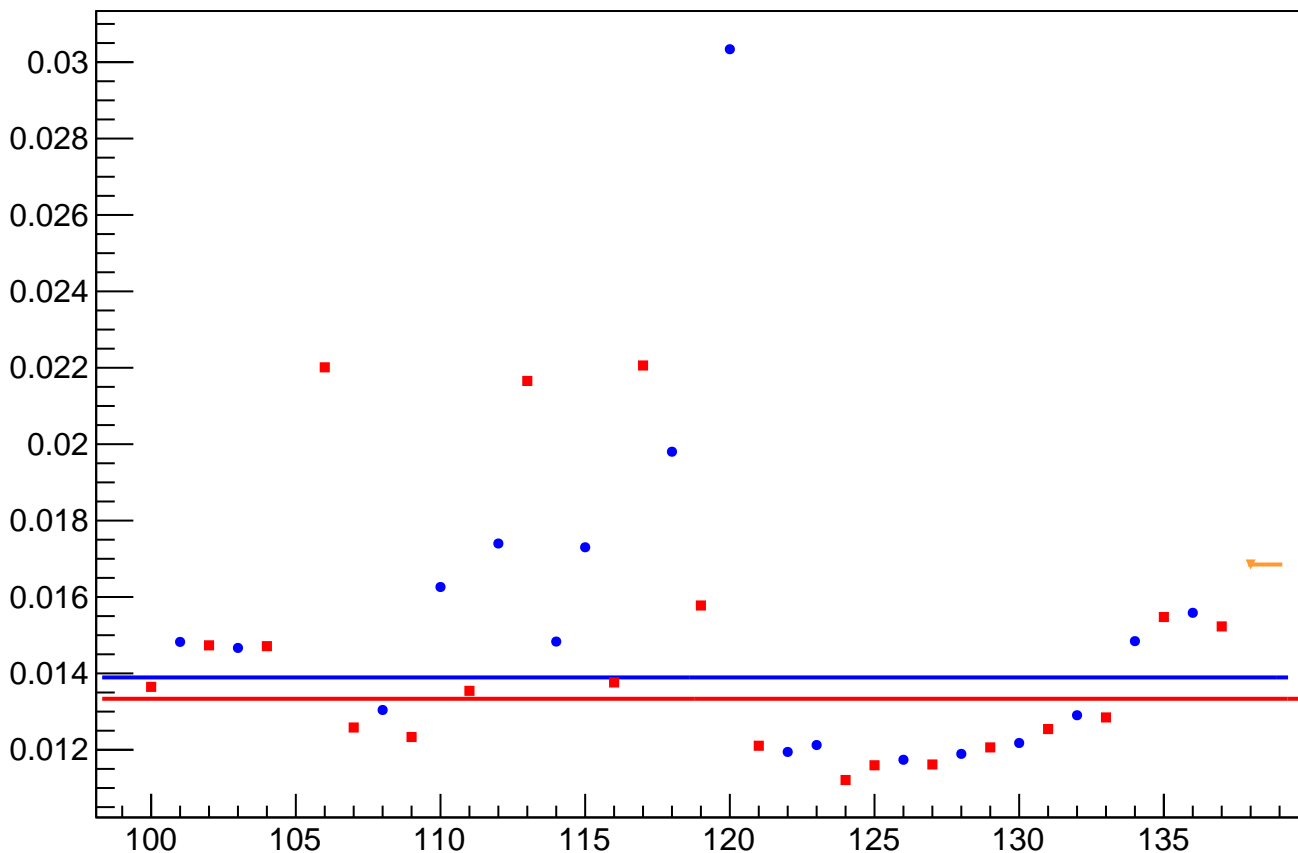
-0.066+/-0.000 χ^2/NDF : 37429382153.7/17

Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

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

-0.047+/-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: 0.017+/-0.000 χ^2/NDF : 0.0/0

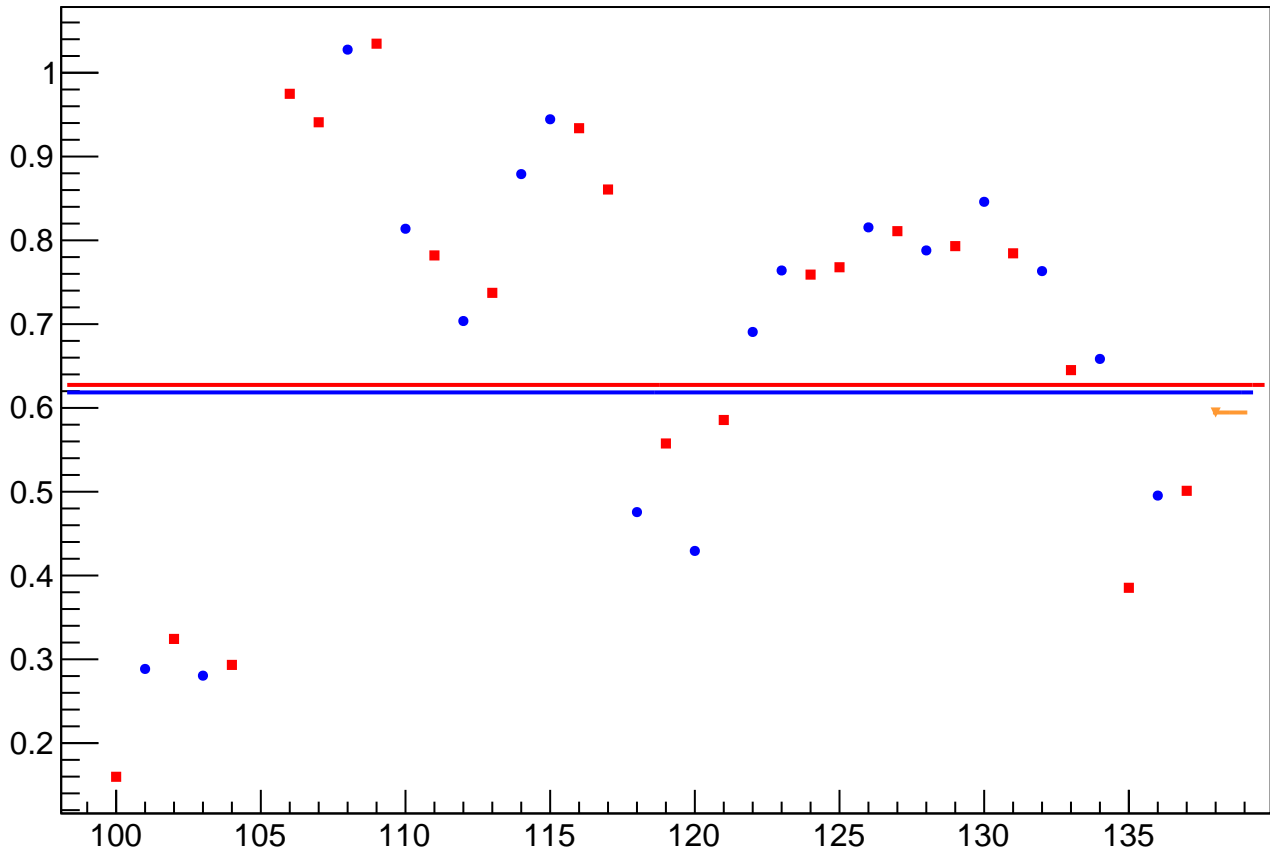
Right Out: 0.013+/-0.000 χ^2/NDF : 303459.9/19

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

0.014+/-0.000 χ^2/NDF : 439423.0/17

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: 0.595+/-0.000 χ^2/NDF :0.0/0

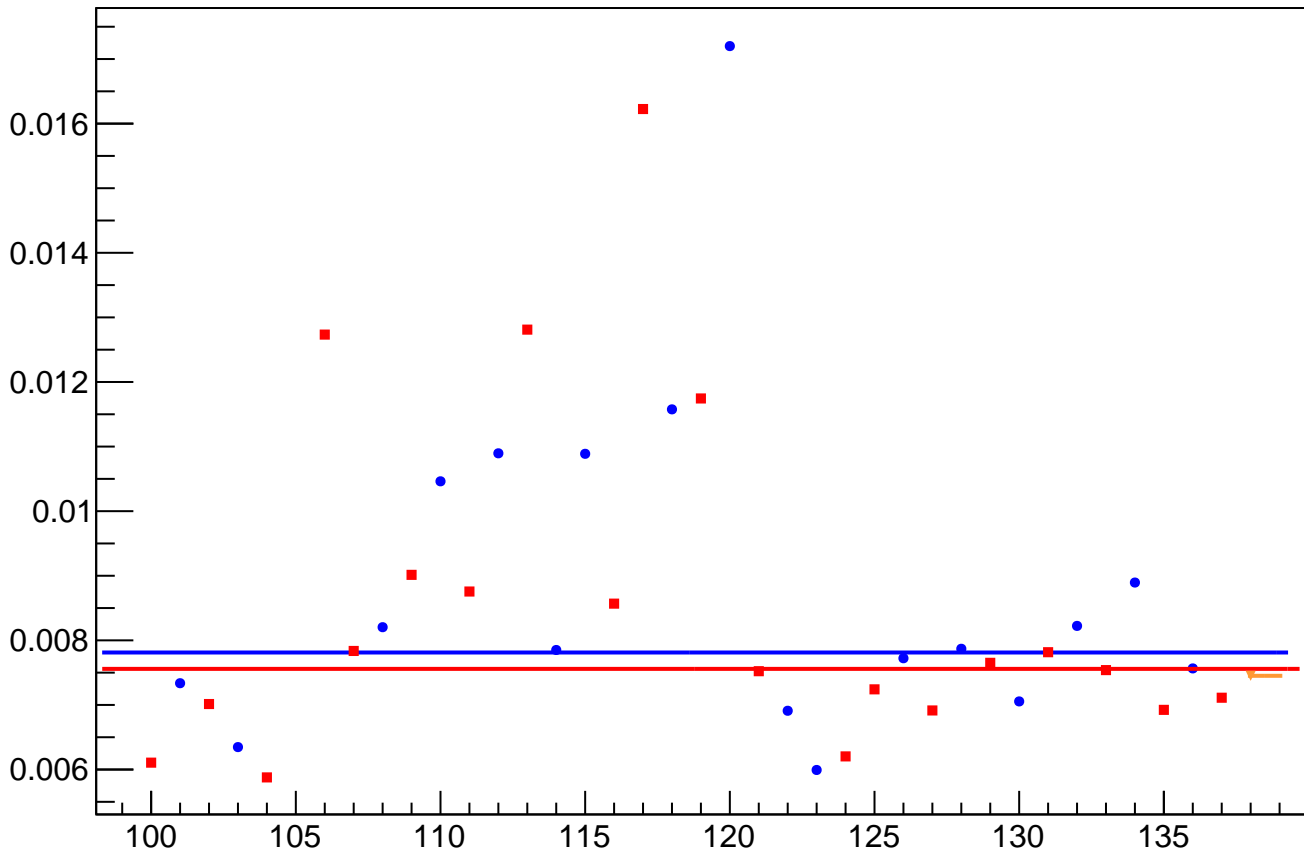
0.616+/-0.000 χ^2/NDF : 5422799172.6/17

Right Out: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

0.627+/-0.000 χ^2/NDF : 6345684740.0/19

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 466827.3/16

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

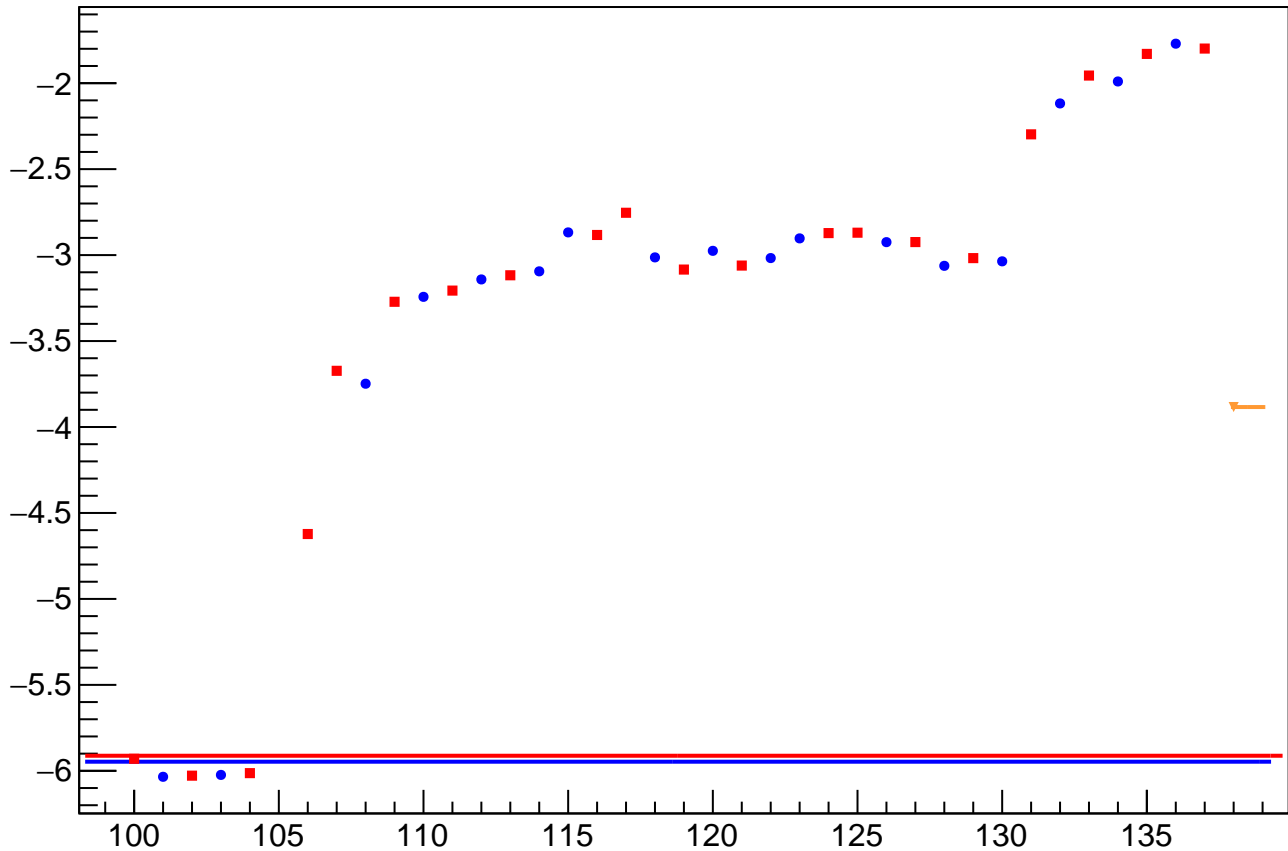
Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

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

0.008+/-0.000 χ^2/NDF : 469484.5/17

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

-5.942+/-0.000 χ^2/NDF : 13628053610.7/17

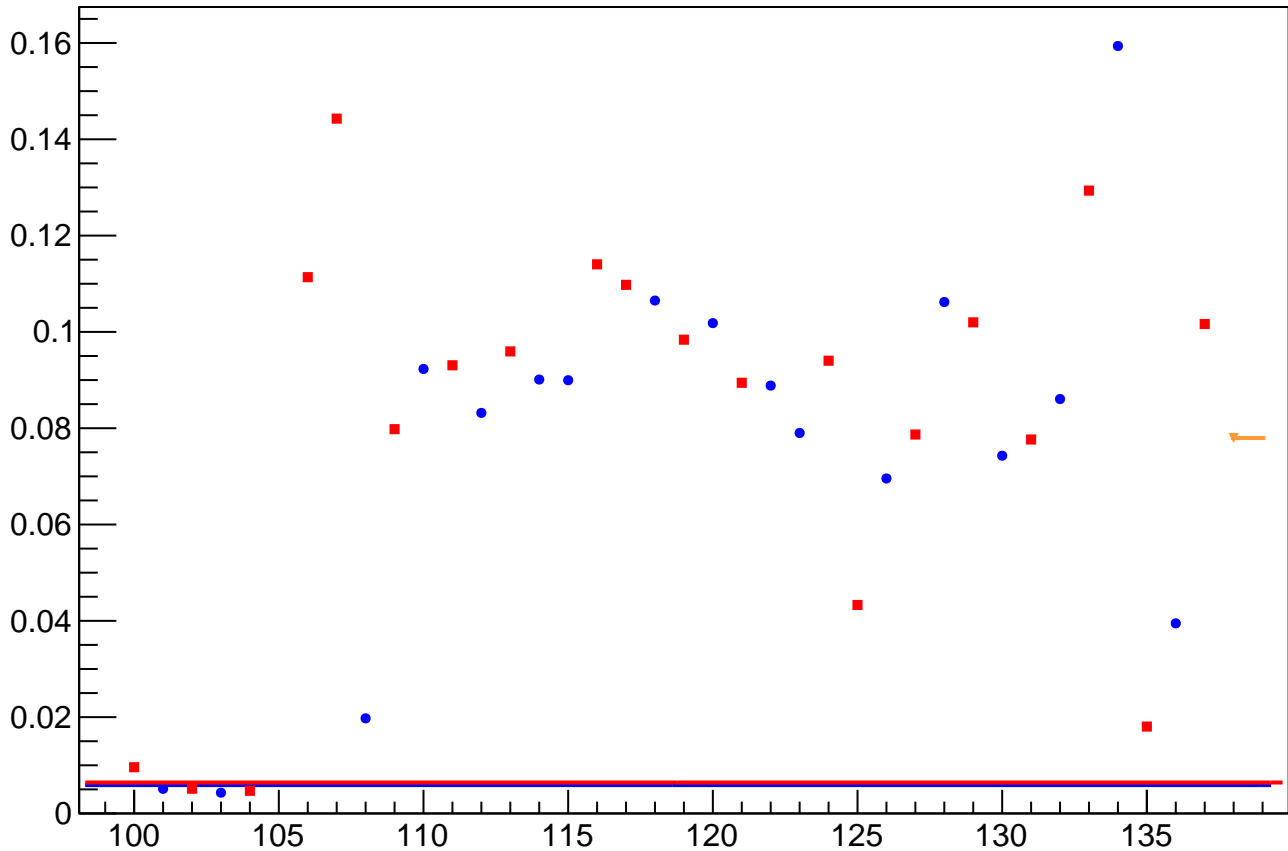
Left Out: -3.884+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

-5.912+/-0.000 χ^2/NDF : 14648055548.9/19

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

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7934545.2/16

Left Out: 0.078+/-0.000 χ^2/NDF : 0.0/0

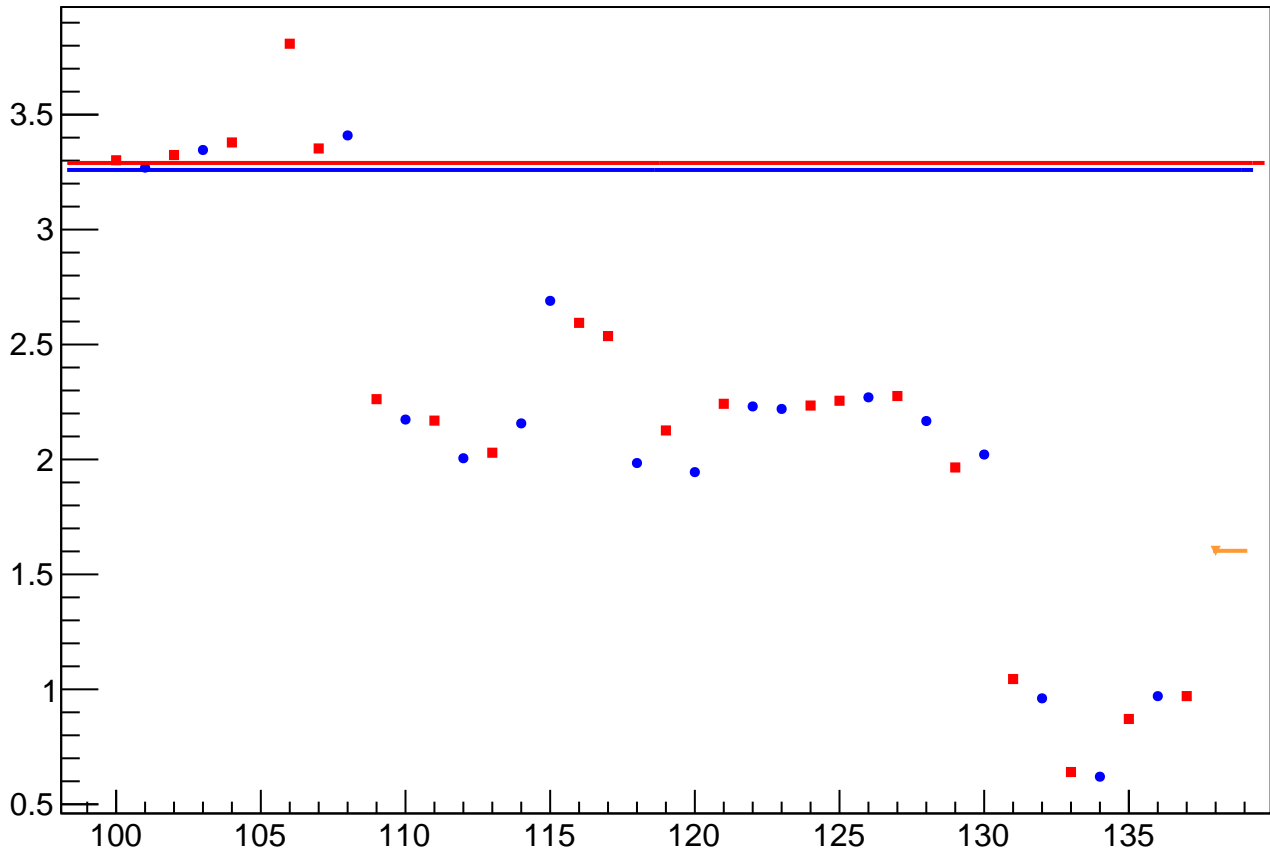
Right Out: 0.006+/-0.000 χ^2/NDF : 8558731.2/19

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

0.006+/-0.000 χ^2/NDF : 9062489.0/17

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: 1.603+/-0.000 χ^2/NDF : 0.0/0

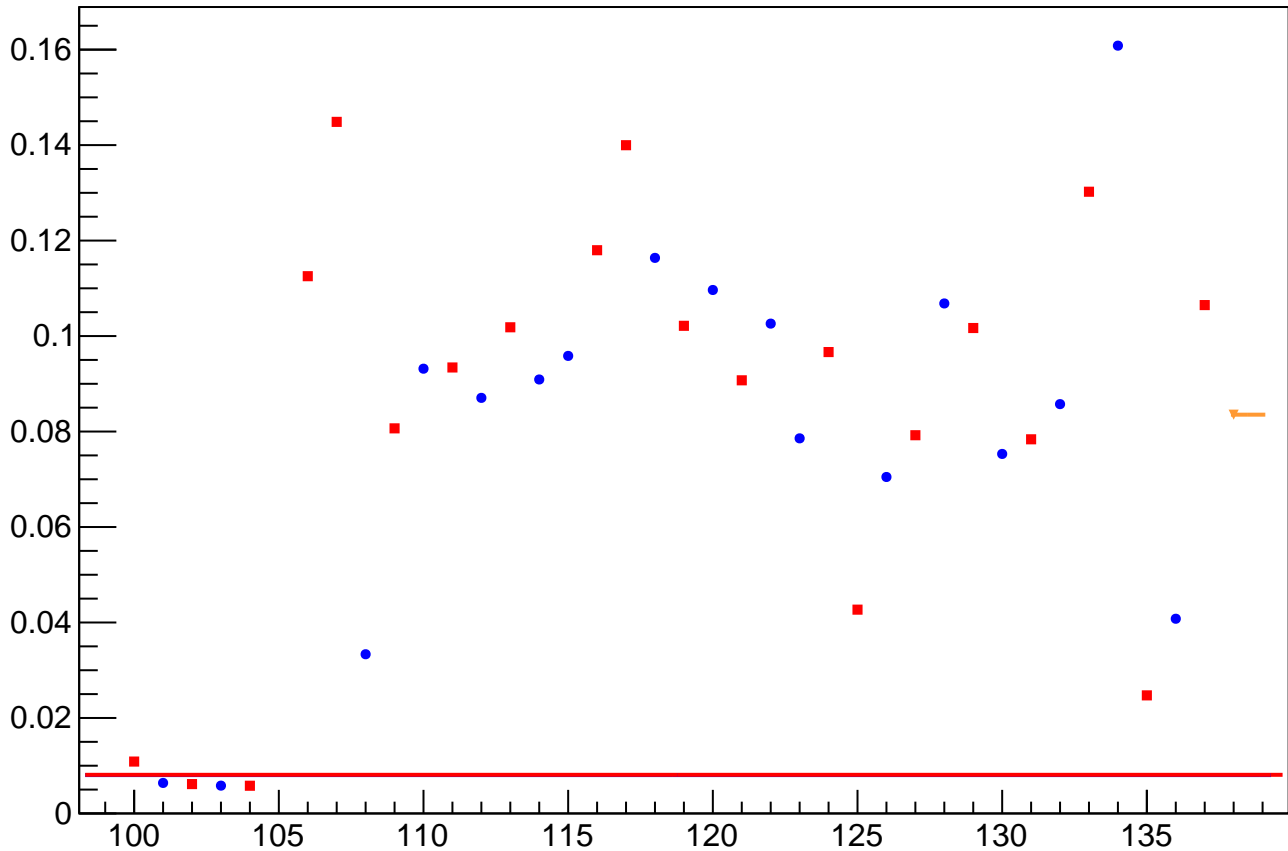
3.254+/-0.000 χ^2/NDF : 3182731558.2/17

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: 0.084+/-0.000 χ^2/NDF : 0.0/0

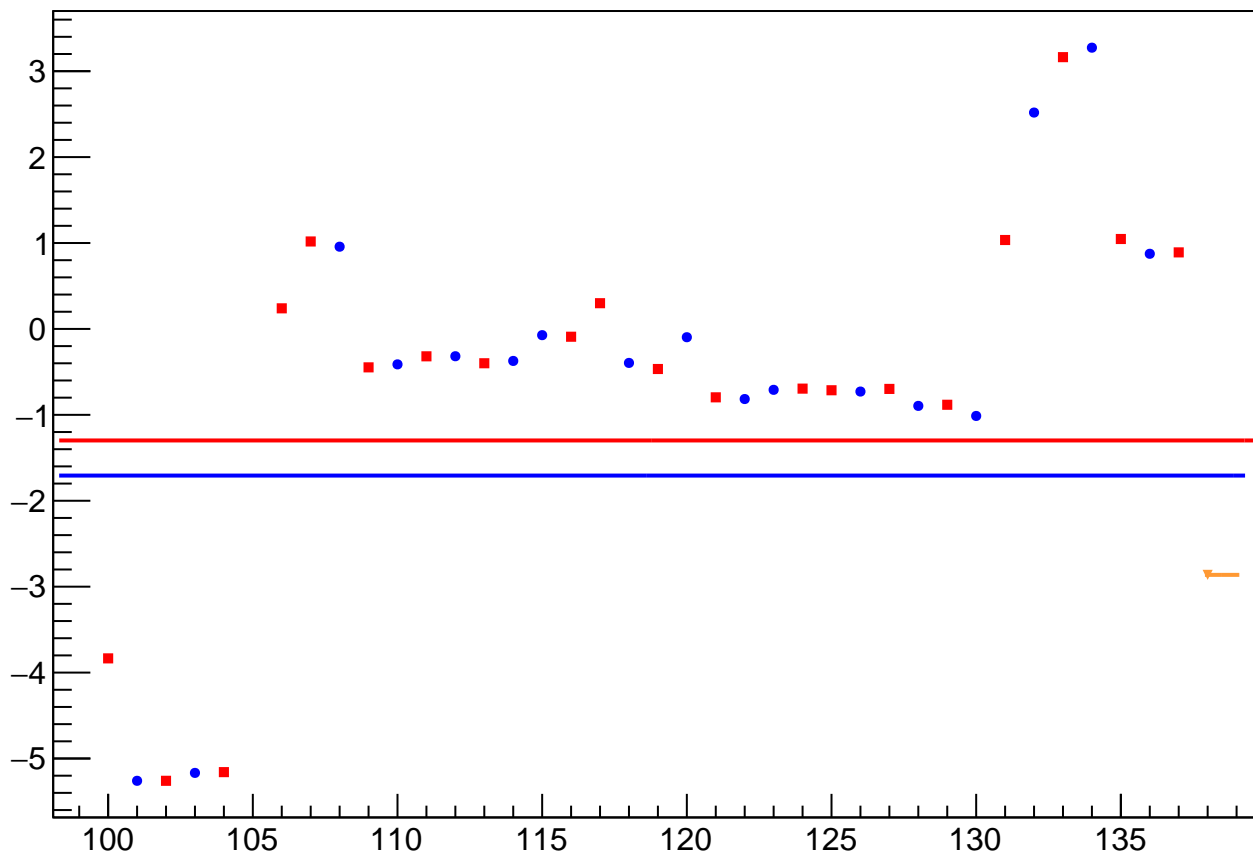
Right Out: 0.008+/-0.000 χ^2/NDF : 8375005.0/19

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

0.008+/-0.000 χ^2/NDF : 8824950.8/17

0.008+/-0.000 χ^2/NDF : 8375005.0/19

yield_bpm0l04X_mean vs Slug



Right In: -1.707 ± 0.000 $\chi^2/\text{NDF}: 166125579390.4/16$

Left Out: -2.863 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

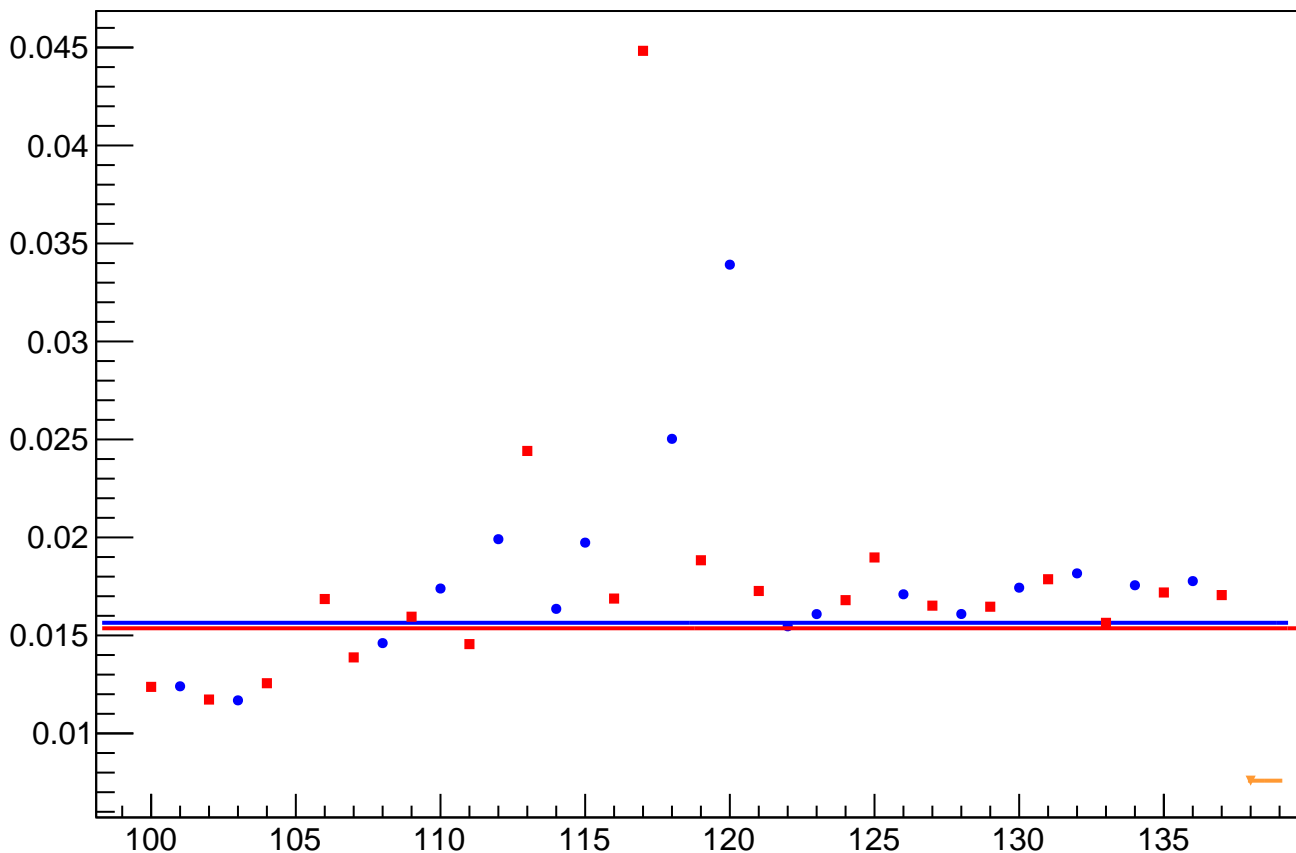
Right Out: -1.298 ± 0.000 $\chi^2/\text{NDF}: 178085926993.4/19$

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

-2.105 ± 0.000 $\chi^2/\text{NDF}: 176673422619.1/17$

-1.298 ± 0.000 $\chi^2/\text{NDF}: 178085926993.4/19$

yield_bpm0l04X_rms vs Slug



Right In: 0.016+/-0.000 χ^2 /NDF: 578244.3/16

Left Out: 0.008+/-0.000 χ^2 /NDF:0.0/0

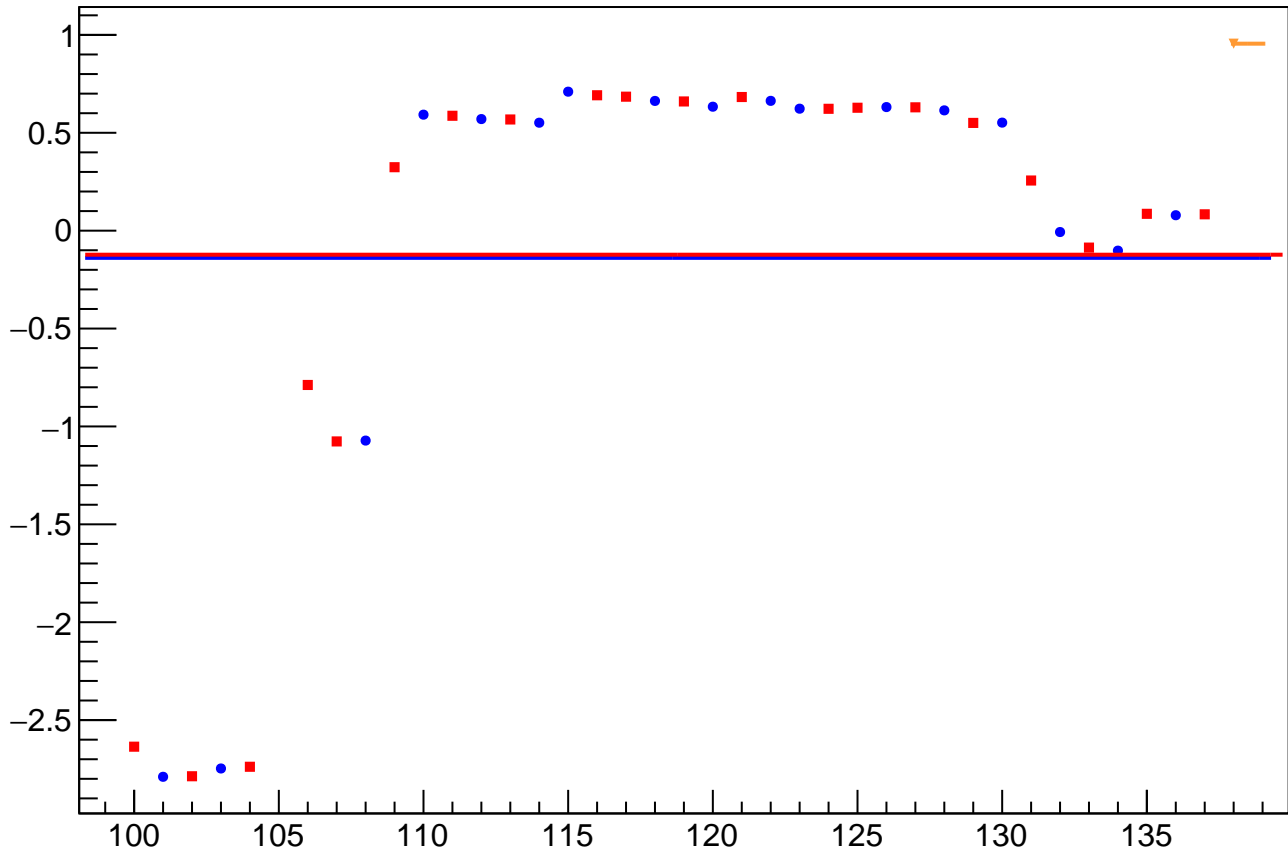
Right Out: 0.015+/-0.000 χ^2 /NDF: 387283.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.013+/-0.000 χ^2 /NDF: 1603357.9/17

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: 0.955+/-0.000 χ^2 /NDF:0.0/0

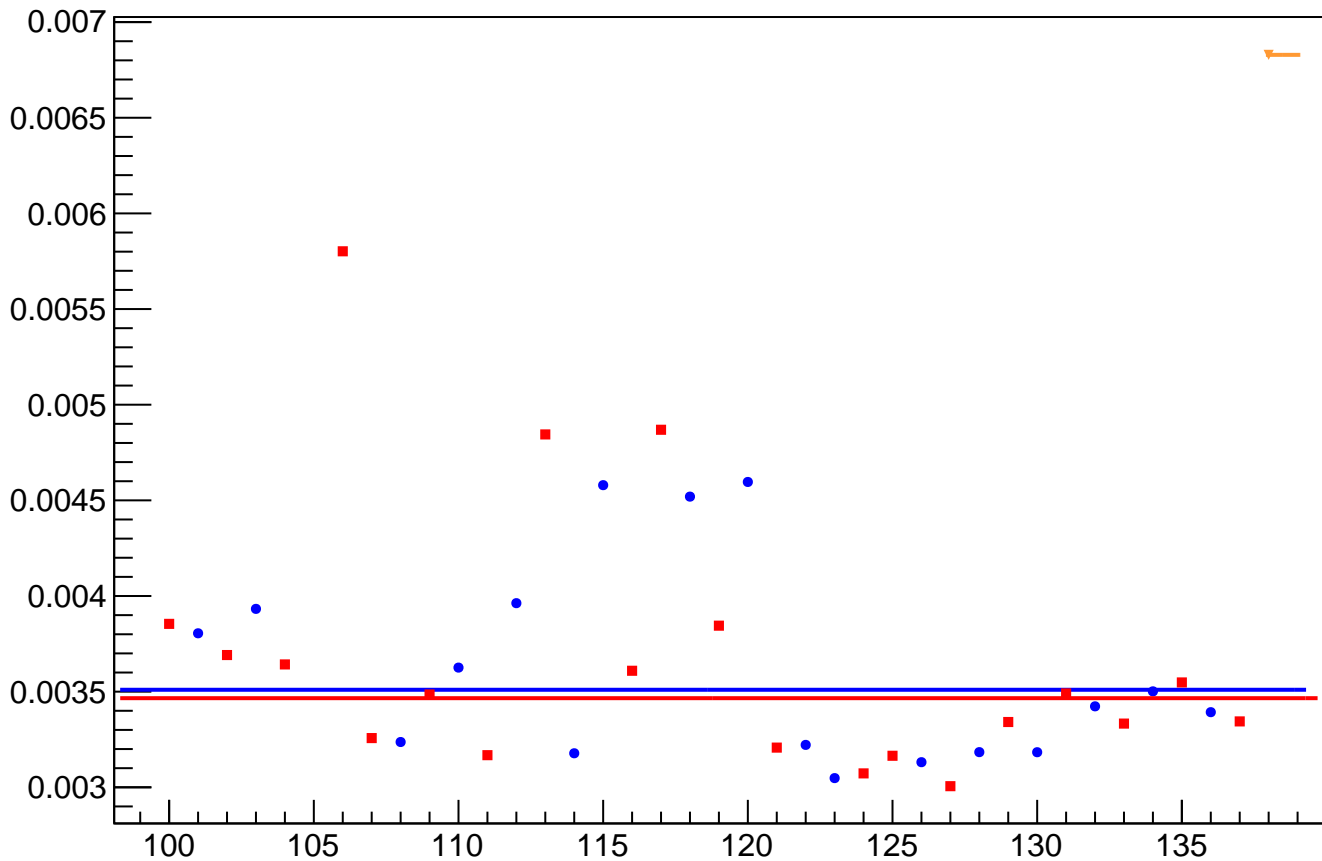
-0.111+/-0.000 χ^2 /NDF: 730375172032.4/17

Right Out: -0.123+/-0.000 χ^2 /NDF: 762580598699.5/19

-0.123+/-0.000 χ^2 /NDF: 762580598699.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2 /NDF: 171337.9/16

Left Out: 0.007+/-0.000 χ^2 /NDF:0.0/0

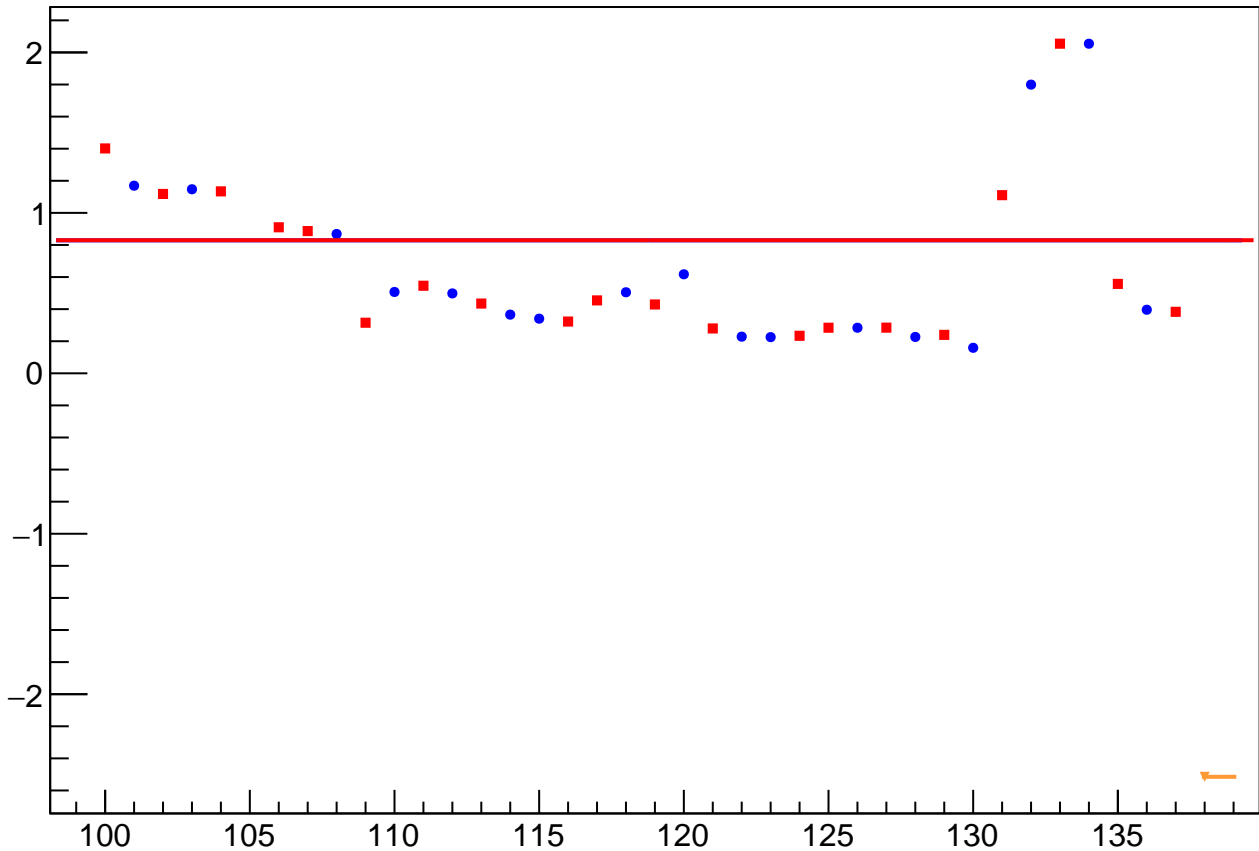
Right Out: 0.003+/-0.000 χ^2 /NDF: 222524.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.004+/-0.000 χ^2 /NDF: 453459.8/17

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: -2.515+/-0.000 χ^2 /NDF: 0.0/0

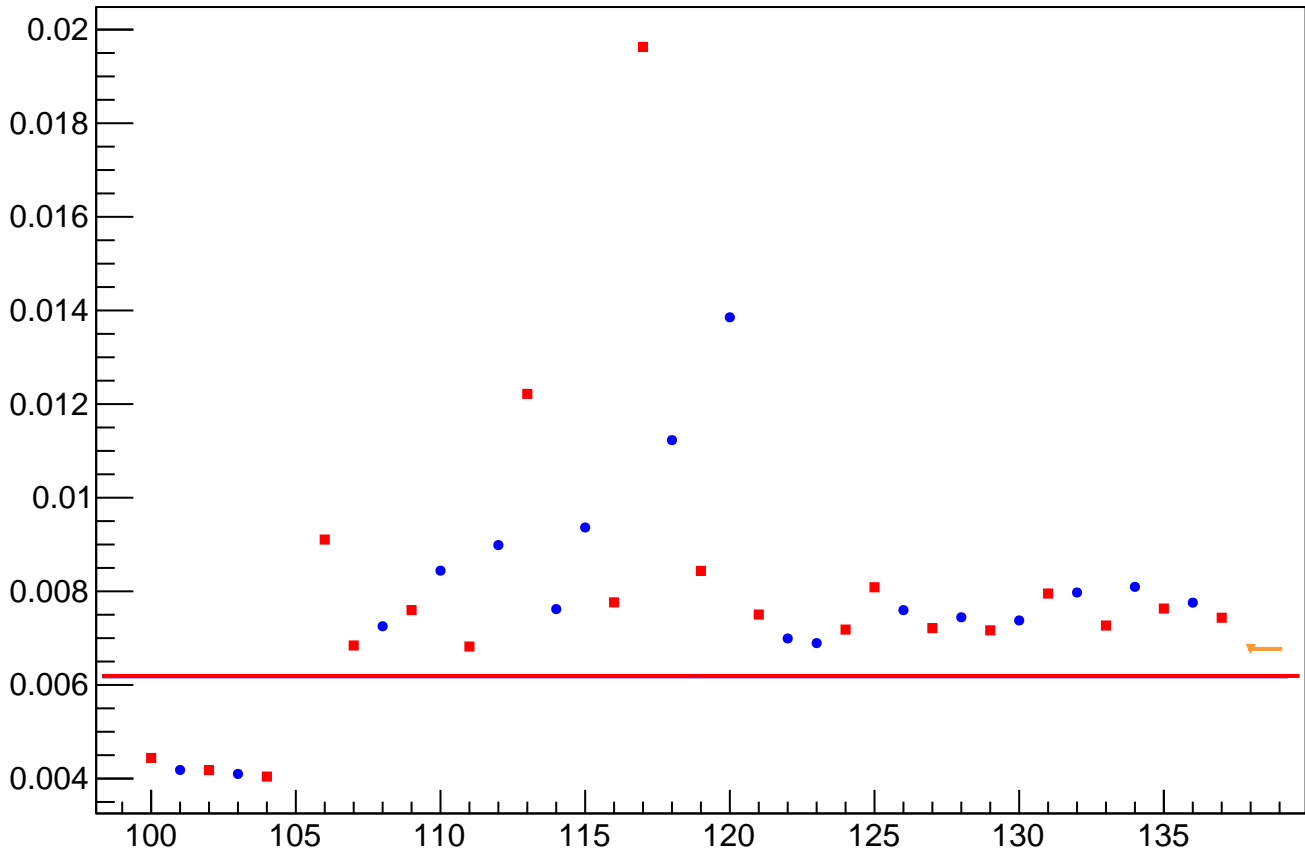
Right Out: 0.830+/-0.000 χ^2 /NDF: 33349713412.0/19

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

0.530+/-0.000 χ^2 /NDF: 170614668440.5/17

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: 0.007+/-0.000 χ^2 /NDF:0.0/0

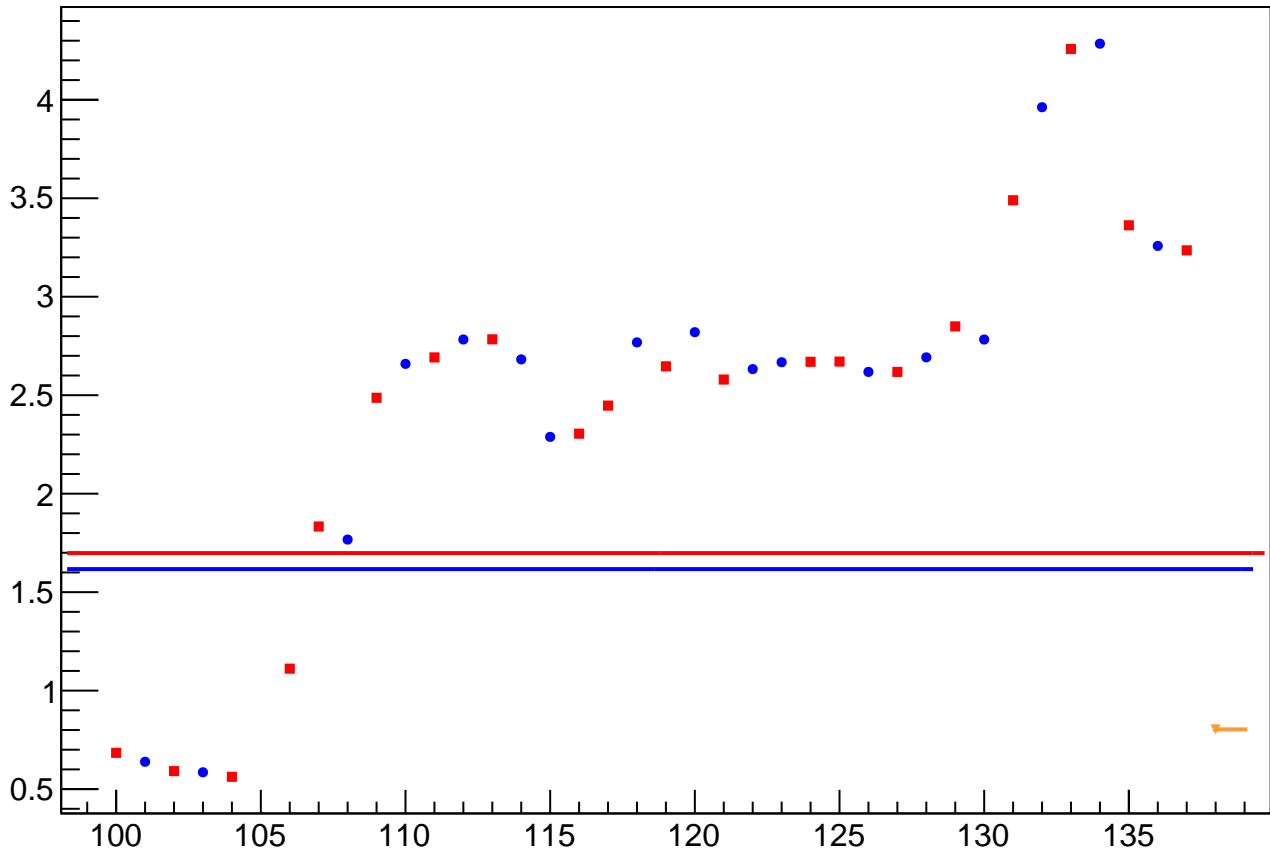
Right Out: 0.006+/-0.000 χ^2 /NDF: 1062886.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.006+/-0.000 χ^2 /NDF: 1237470.8/17

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

1.529+/-0.000 χ^2 /NDF: 213137519041.4/17

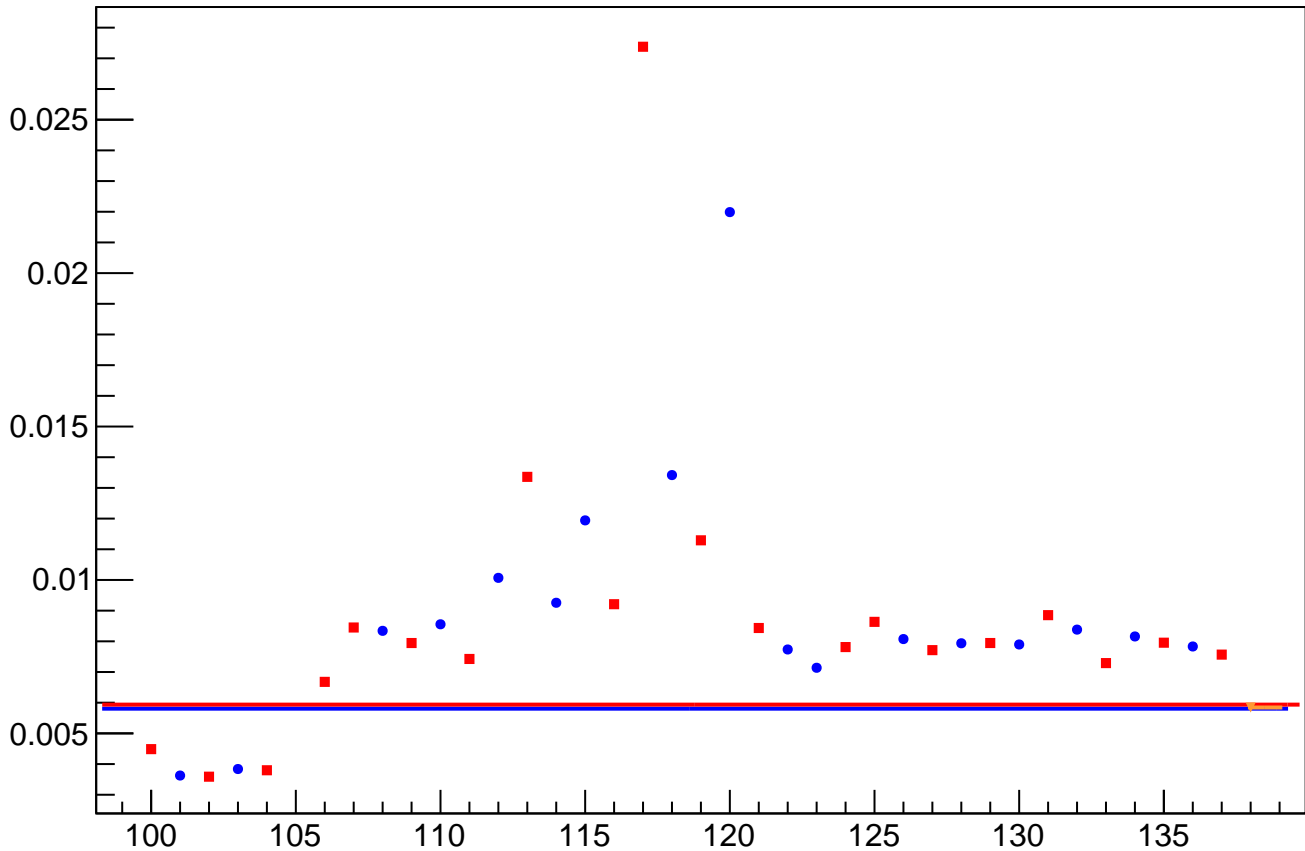
Left Out: 0.803+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.698+/-0.000 χ^2 /NDF: 227436227264.4/19

1.698+/-0.000 χ^2 /NDF: 227436227264.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1917989.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

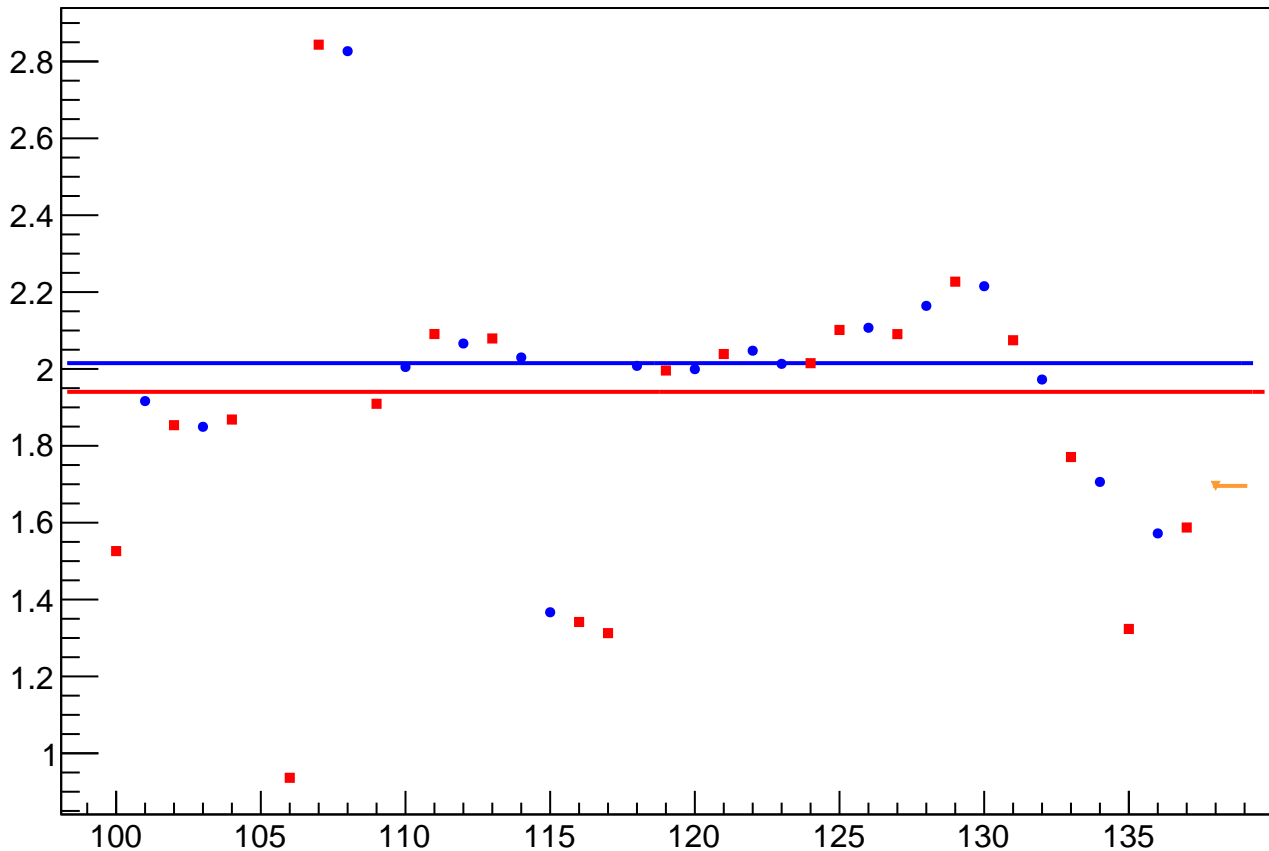
Right Out: 0.006+/-0.000 χ^2/NDF : 1731283.0/19

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

0.006+/-0.000 χ^2/NDF : 1918033.0/17

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

1.995+/-0.000 χ^2 /NDF: 13117527333.7/17

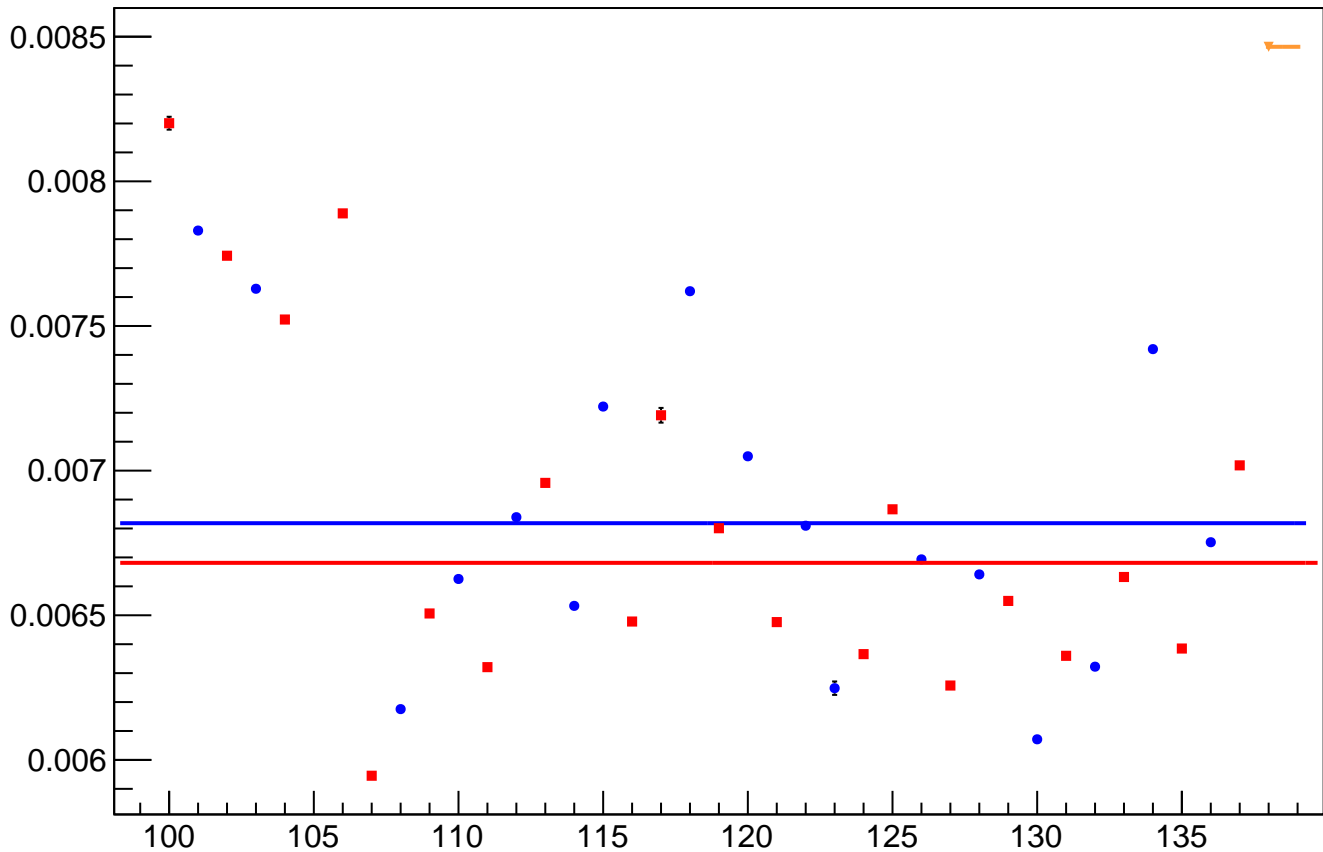
Left Out: 1.696+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.940+/-0.000 χ^2 /NDF: 21732099424.5/19

1.940+/-0.000 χ^2 /NDF: 21732099424.5/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 75813.9/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

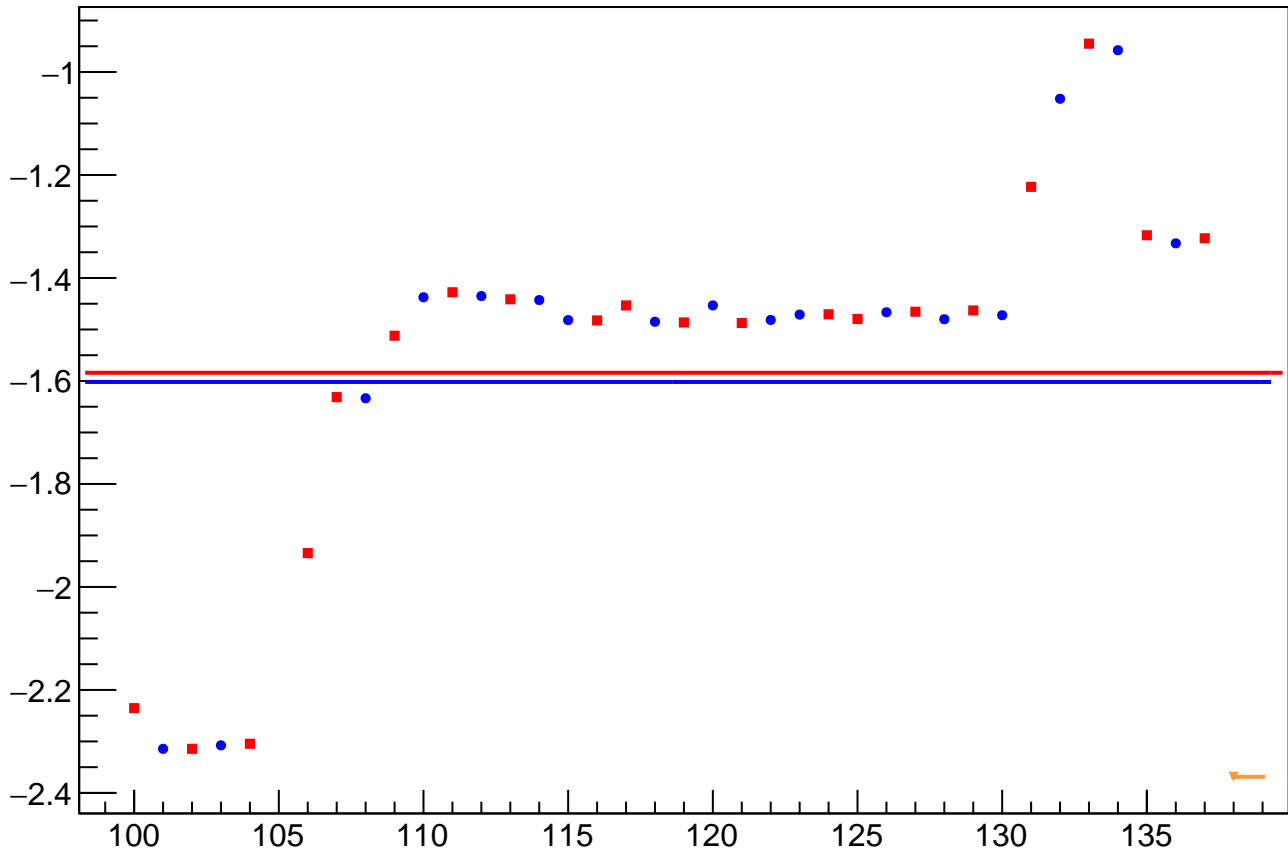
Right Out: 0.007+/-0.000 χ^2/NDF : 76121.2/19

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

0.007+/-0.000 χ^2/NDF : 123095.3/17

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: -2.369+/-0.000 χ^2 /NDF: 0.0/0

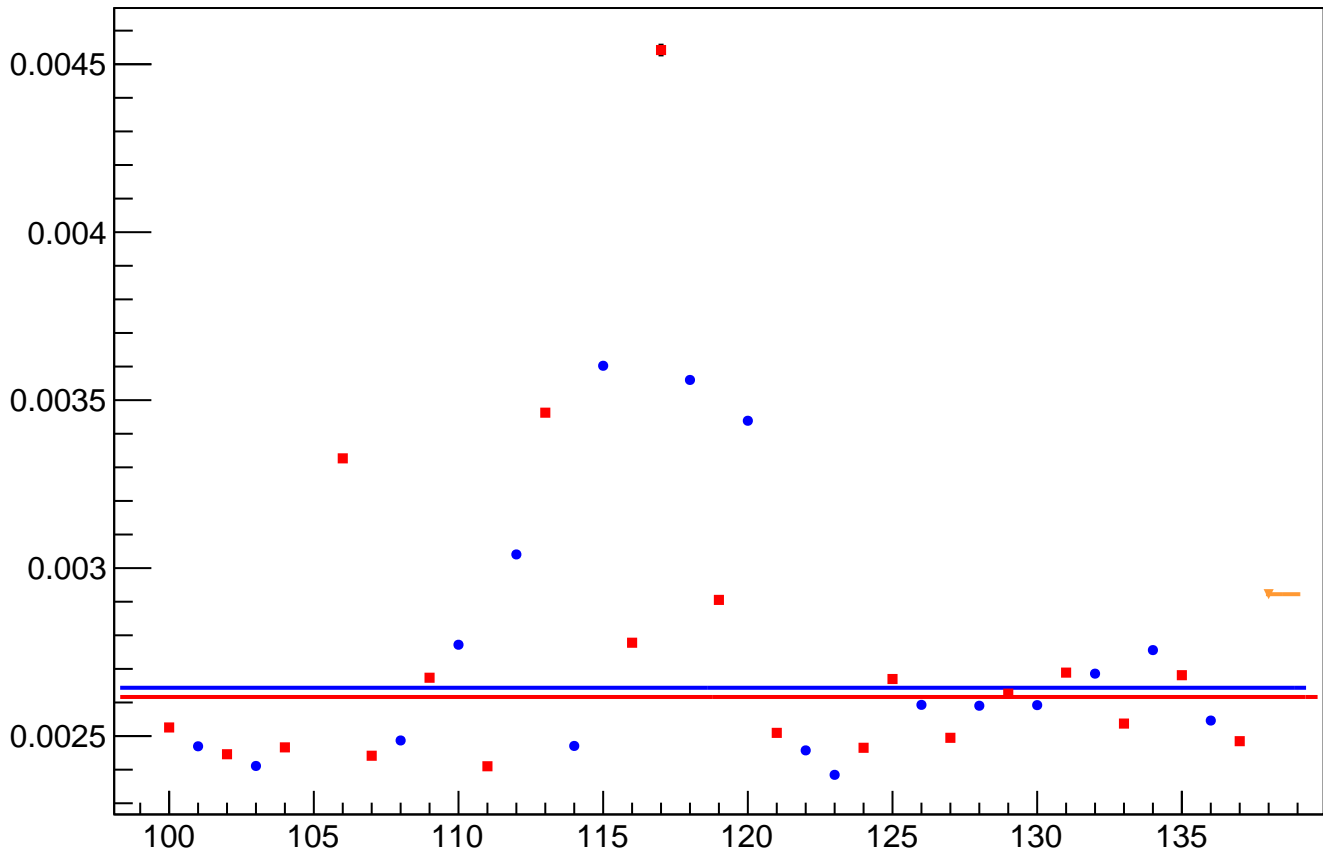
-1.662+/-0.000 χ^2 /NDF: 181542054047.2/17

Right Out: -1.584+/-0.000 χ^2 /NDF: 143612120137.8/19

-1.584+/-0.000 χ^2 /NDF: 143612120137.8/19

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

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2 /NDF: 151383.5/16

Left Out: 0.003+/-0.000 χ^2 /NDF:0.0/0

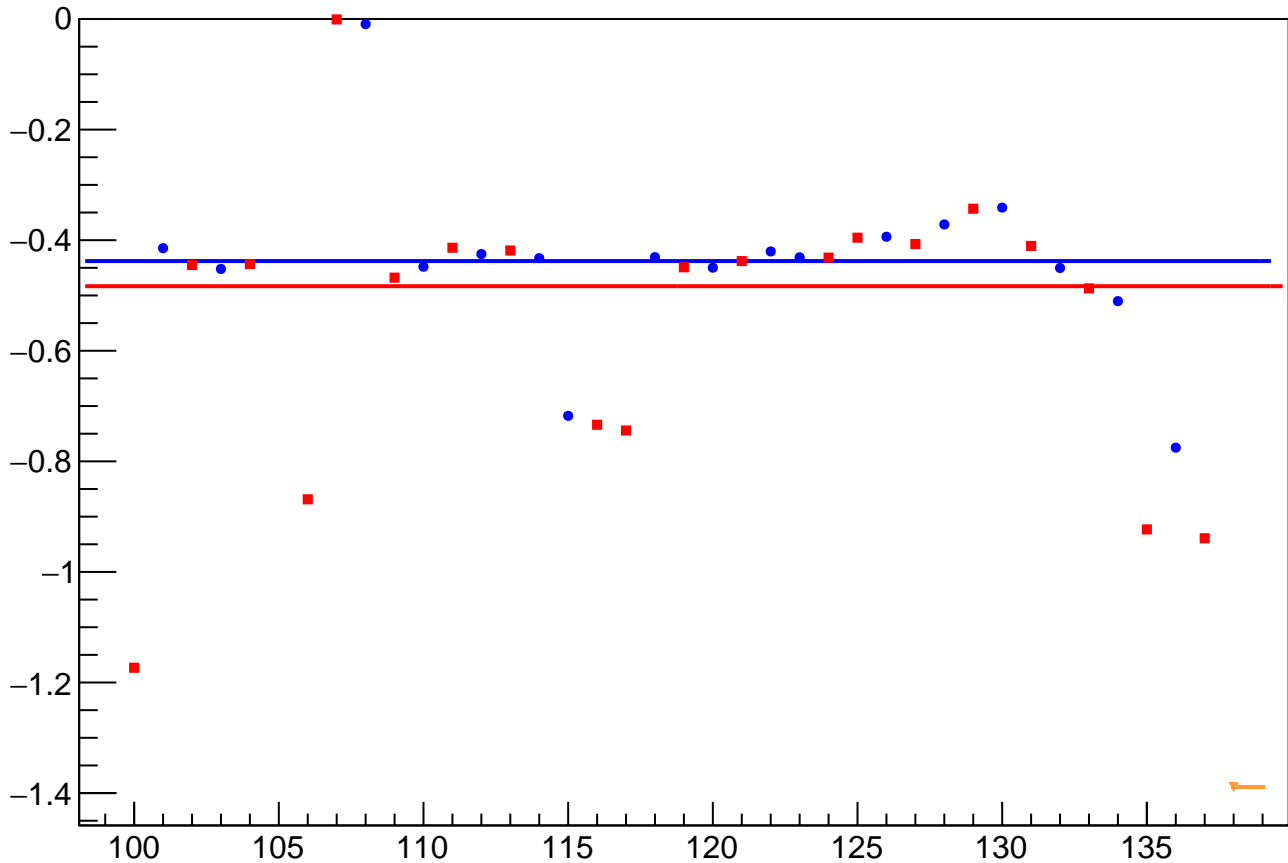
Right Out: 0.003+/-0.000 χ^2 /NDF: 119852.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.003+/-0.000 χ^2 /NDF: 162293.5/17

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

-0.497+/-0.000 χ^2 /NDF: 4233631070.8/17

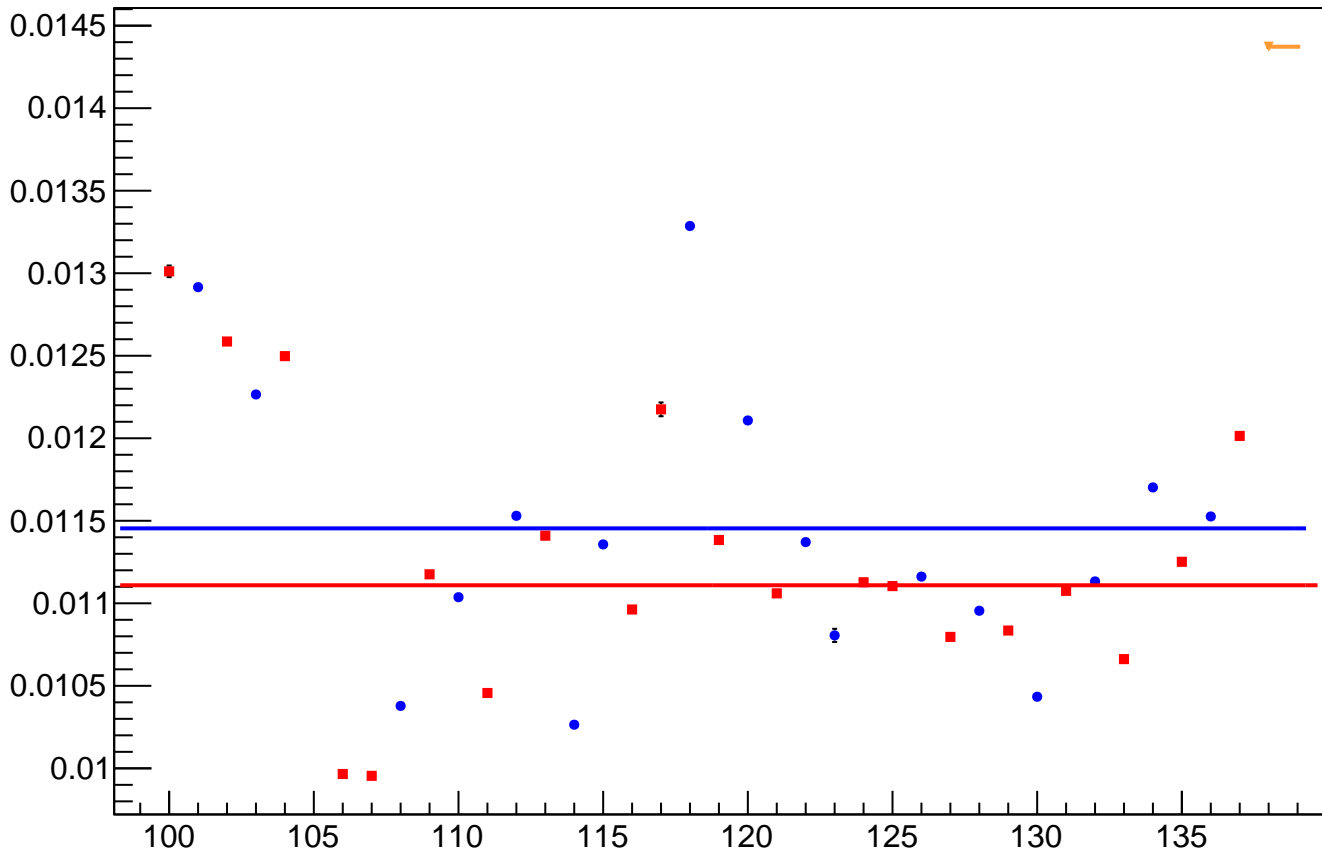
Left Out: -1.389+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.483+/-0.000 χ^2 /NDF: 2714164016.2/19

-0.483+/-0.000 χ^2 /NDF: 2714164016.2/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2 /NDF: 64687.8/16

Left Out: 0.014+/-0.000 χ^2 /NDF:0.0/0

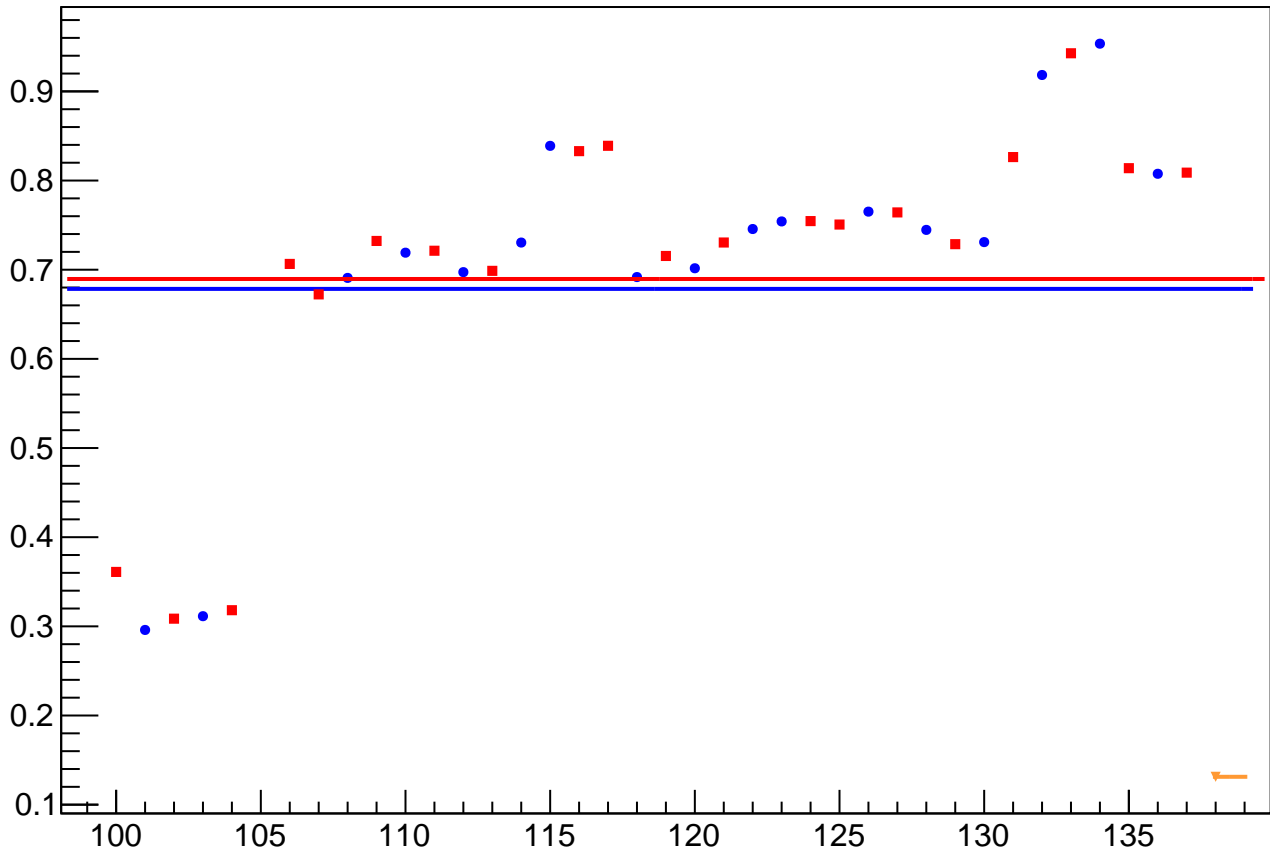
Right Out: 0.011+/-0.000 χ^2 /NDF: 56696.9/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.012+/-0.000 χ^2 /NDF: 116851.4/17

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: 0.131+/-0.000 χ^2/NDF : 0.0/0

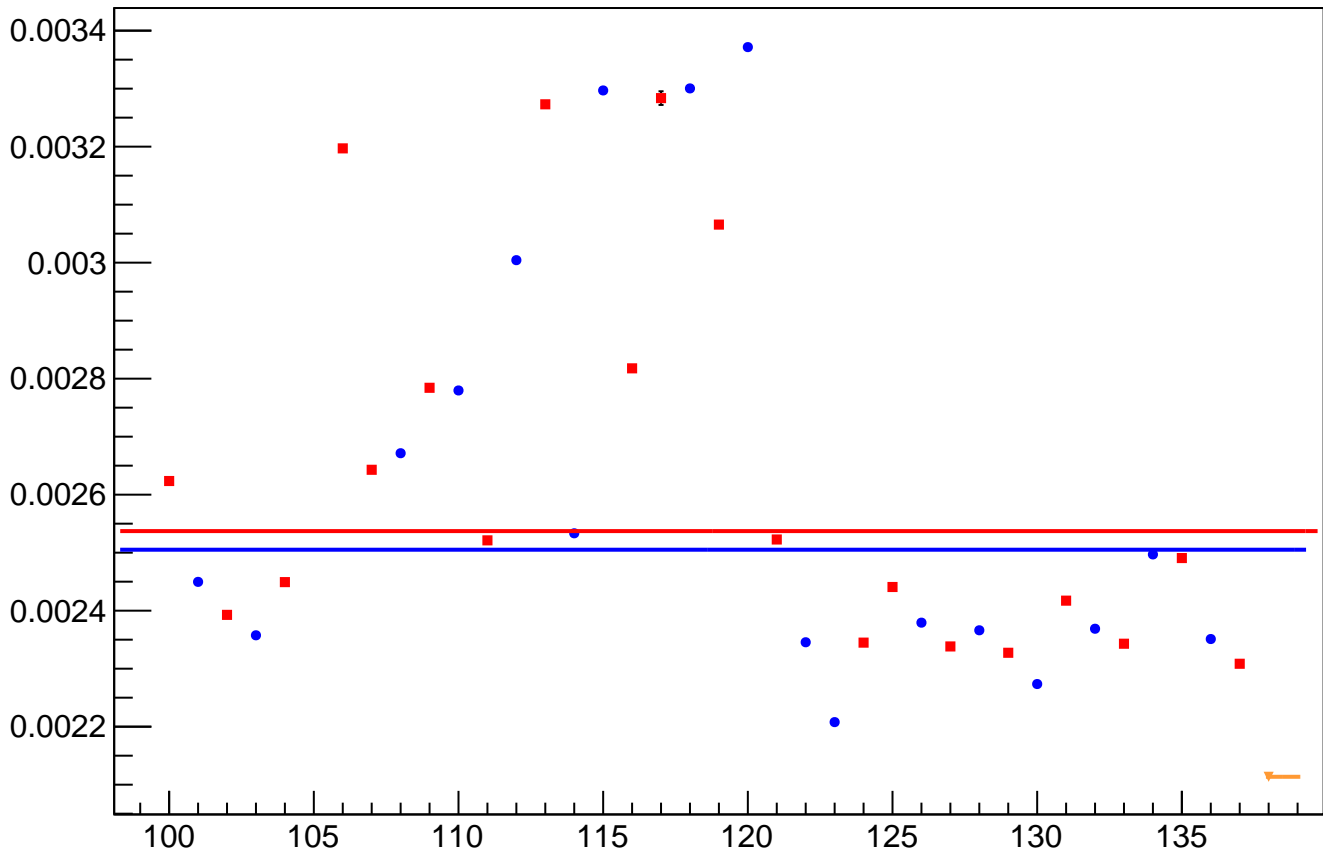
0.603+/-0.000 χ^2/NDF : 80542863879.6/17

Right Out: 0.690+/-0.000 χ^2/NDF : 35439496983.3/19

0.690+/-0.000 χ^2/NDF : 35439496983.3/19

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

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2 /NDF: 175524.0/16

Left Out: 0.002+/-0.000 χ^2 /NDF:0.0/0

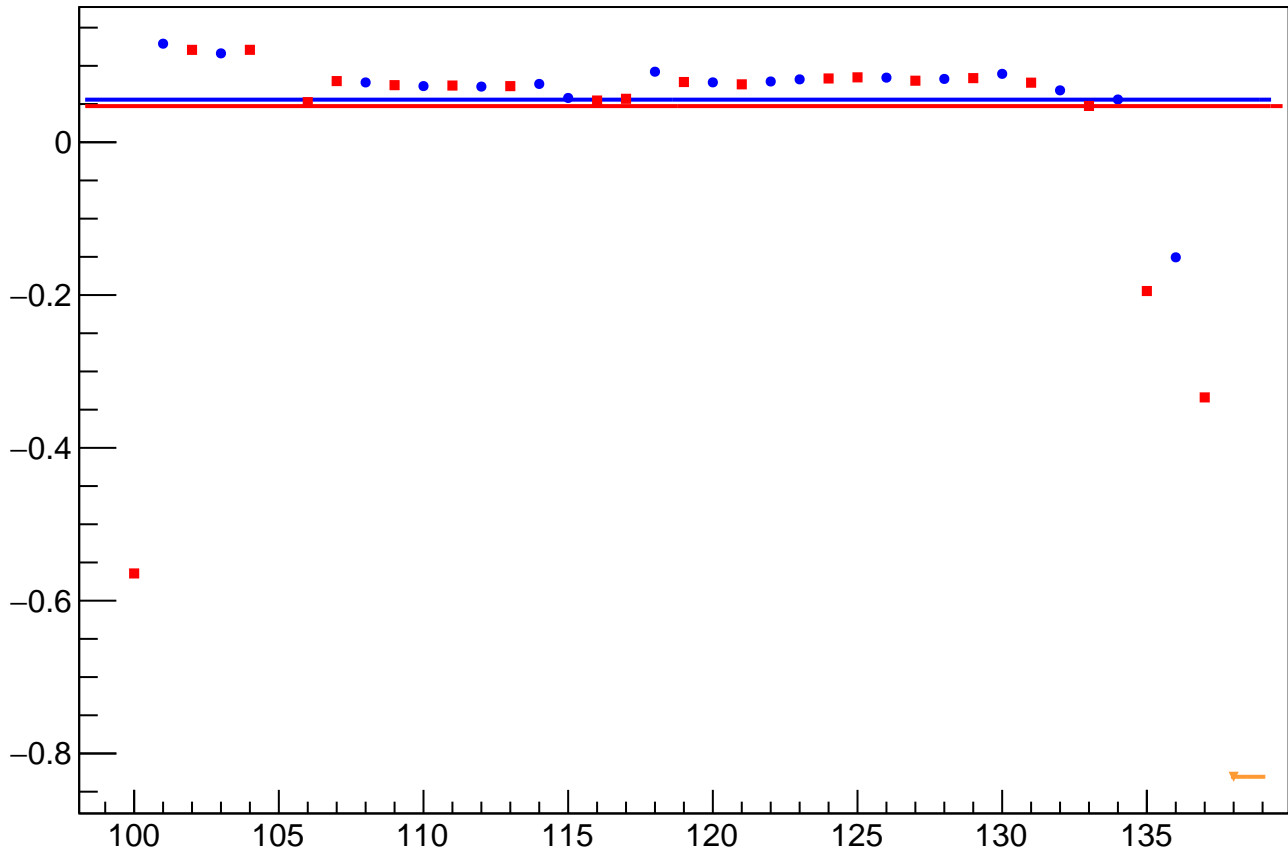
Right Out: 0.003+/-0.000 χ^2 /NDF: 135649.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.002+/-0.000 χ^2 /NDF: 218549.0/17

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: -0.831+/-0.000 χ^2/NDF : 0.0/0

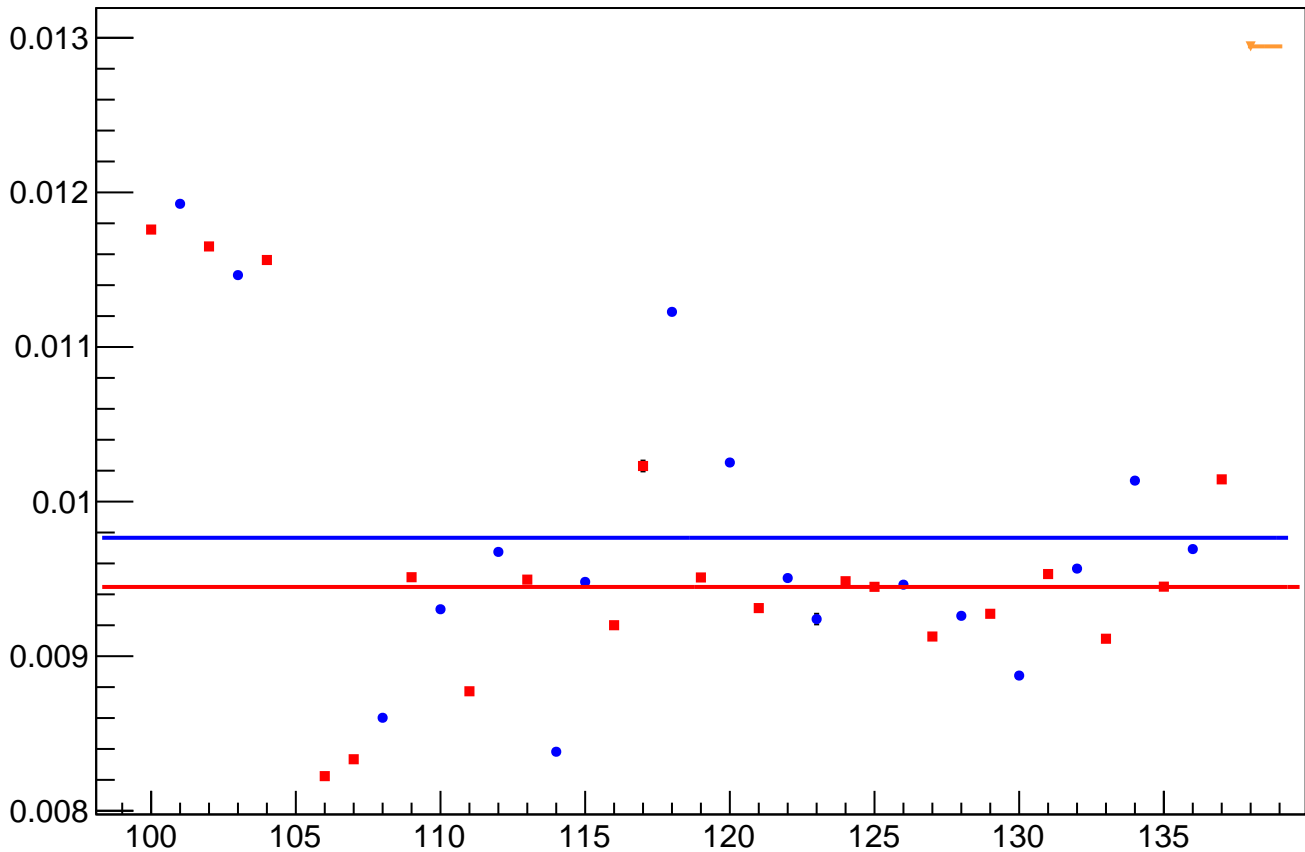
Right Out: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

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

0.006+/-0.000 χ^2/NDF : 3421098683.6/17

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: 0.013+/-0.000 χ^2 /NDF:0.0/0

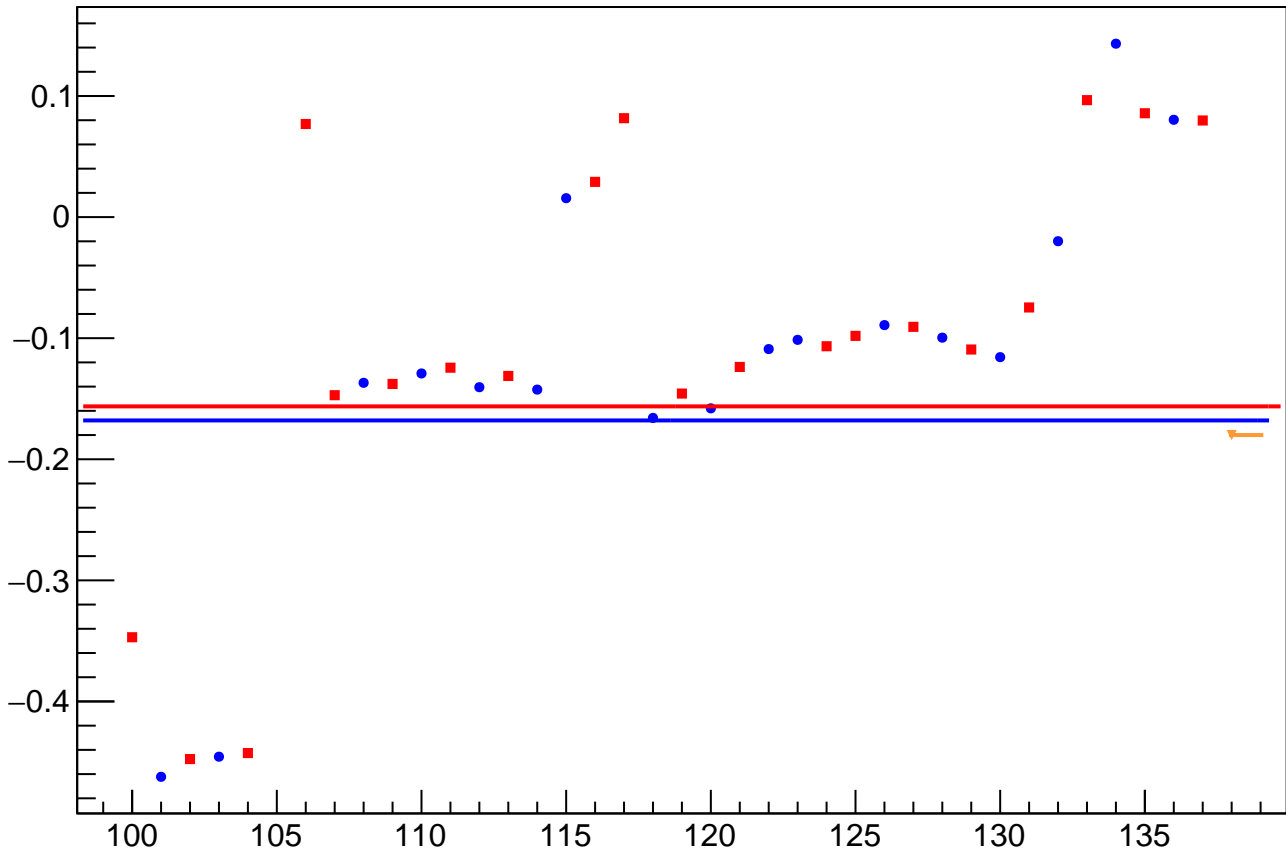
Right Out: 0.009+/-0.000 χ^2 /NDF: 111197.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.010+/-0.000 χ^2 /NDF: 193767.8/17

0.009+/-0.000 χ^2 /NDF: 111197.0/19

yield_bpm0l08Y_mean vs Slug



Right In: -0.168 ± 0.000 $\chi^2/\text{NDF}: 12331812610.6/16$

Left Out: -0.180 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

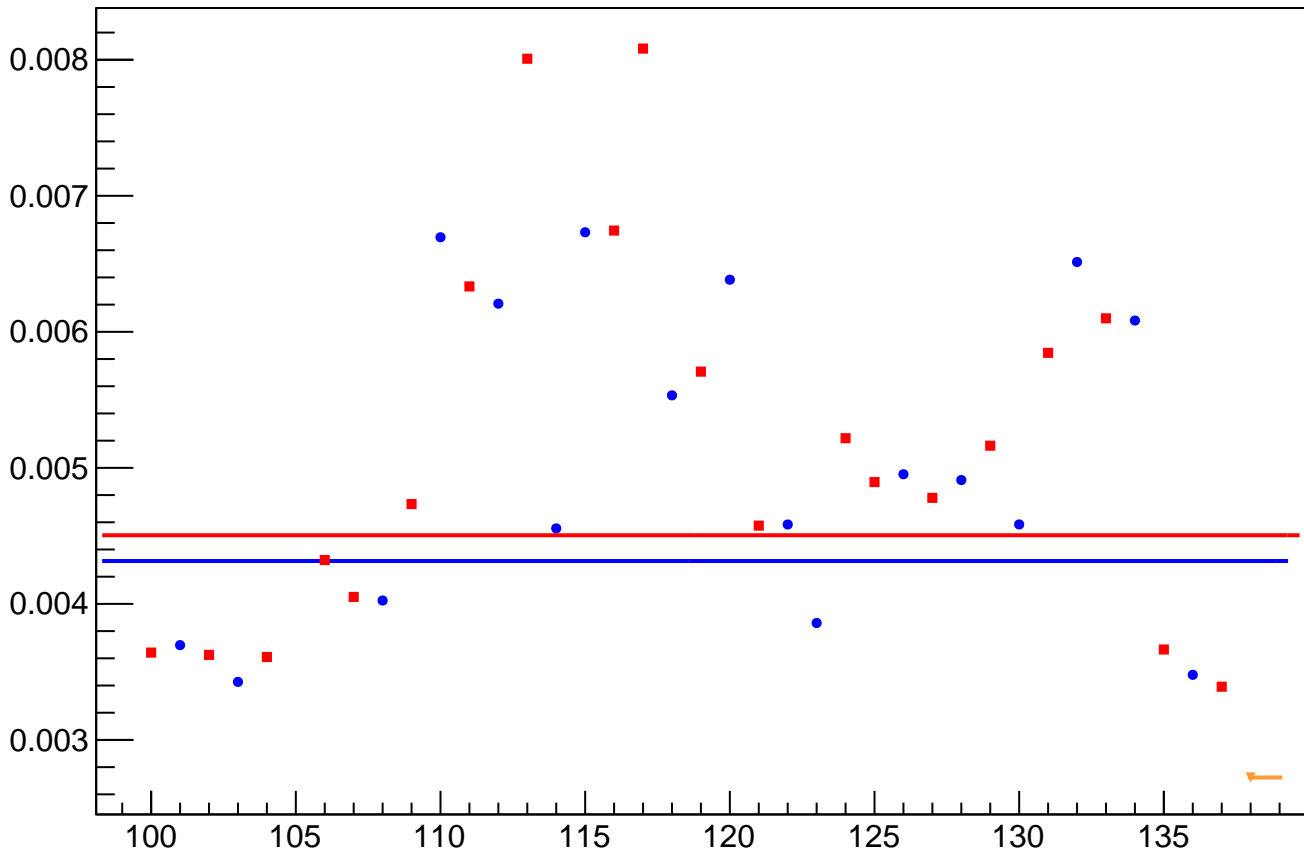
-0.171 ± 0.000 $\chi^2/\text{NDF}: 12342253361.4/17$

Right Out: -0.156 ± 0.000 $\chi^2/\text{NDF}: 11061140252.3/19$

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

-0.156 ± 0.000 $\chi^2/\text{NDF}: 11061140252.3/19$

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 619744.7/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

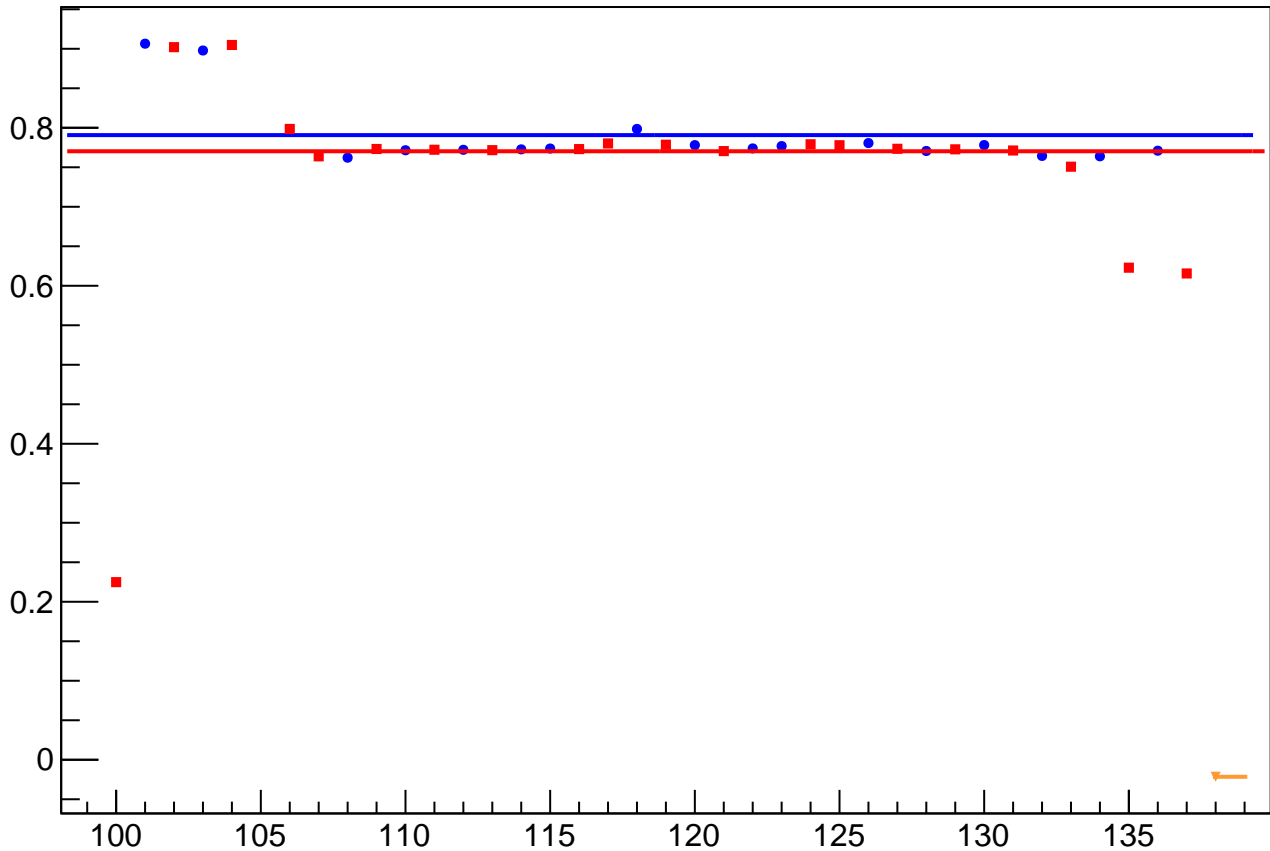
Right Out: 0.005+/-0.000 χ^2/NDF : 665152.6/19

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

0.004+/-0.000 χ^2/NDF : 983409.1/17

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: -0.022+/-0.000 χ^2/NDF : 0.0/0

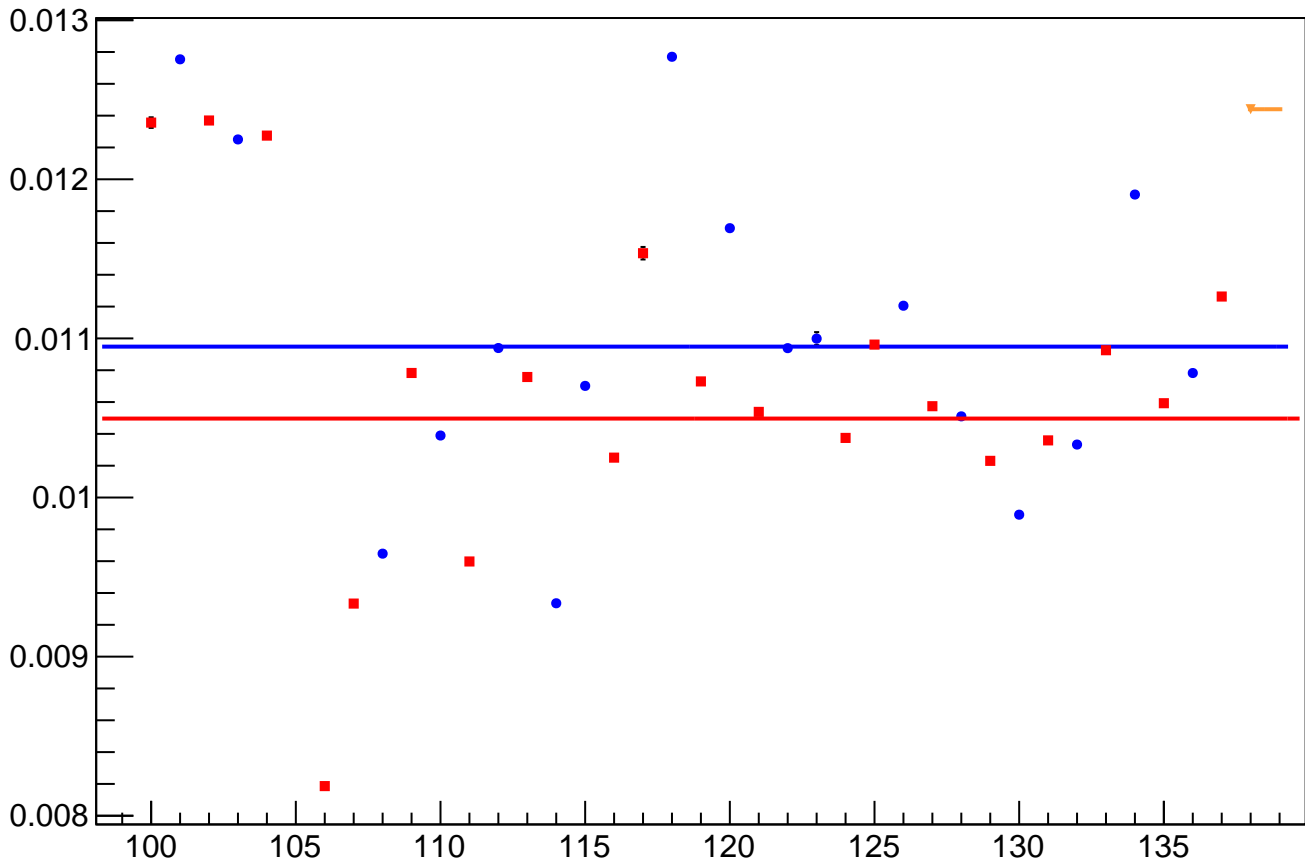
Right Out: 0.770+/-0.000 χ^2/NDF : 375473971.0/19

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

0.729+/-0.000 χ^2/NDF : 2797066751.2/17

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: 0.012+/-0.000 χ^2 /NDF:0.0/0

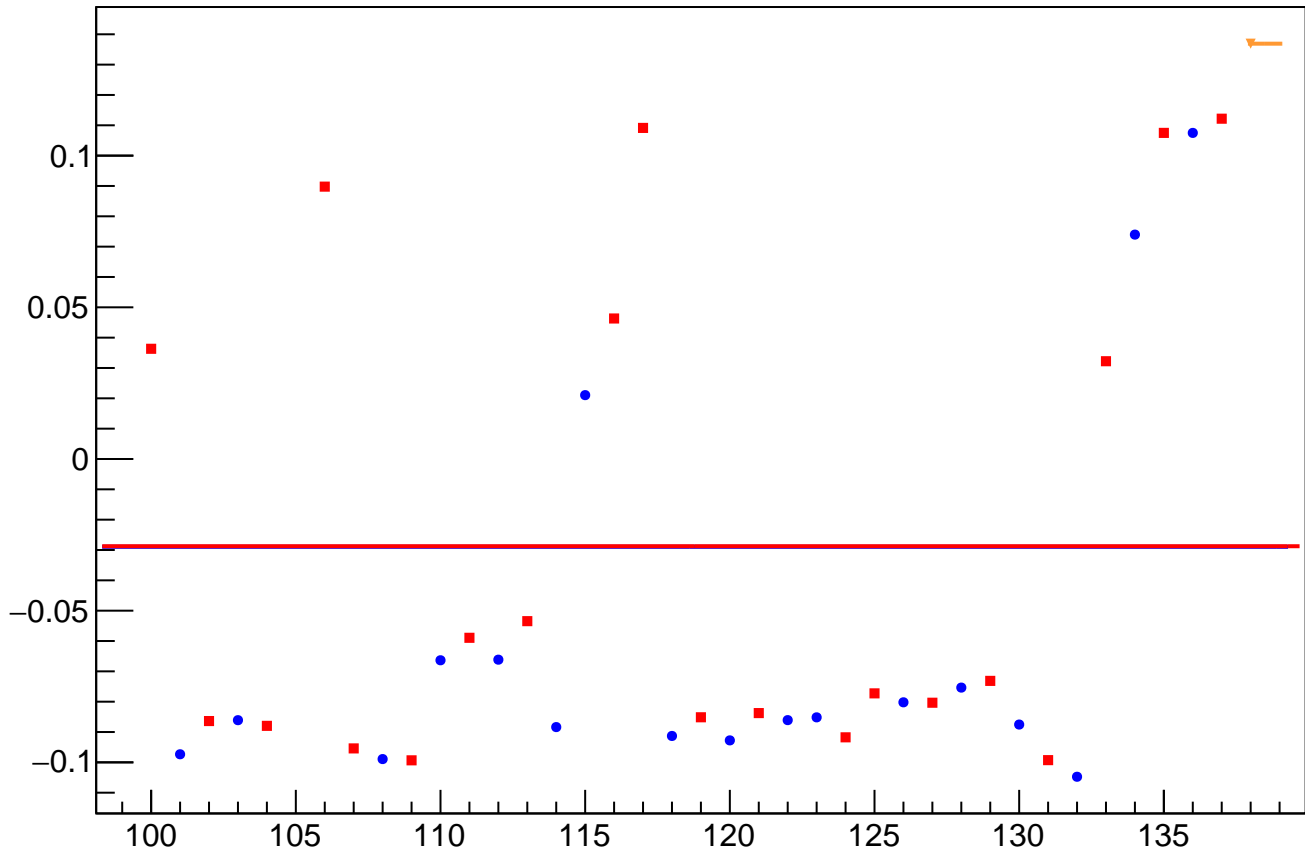
Right Out: 0.010+/-0.000 χ^2 /NDF: 120120.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.011+/-0.000 χ^2 /NDF: 116704.8/17

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: 0.137+/-0.000 χ^2 /NDF:0.0/0

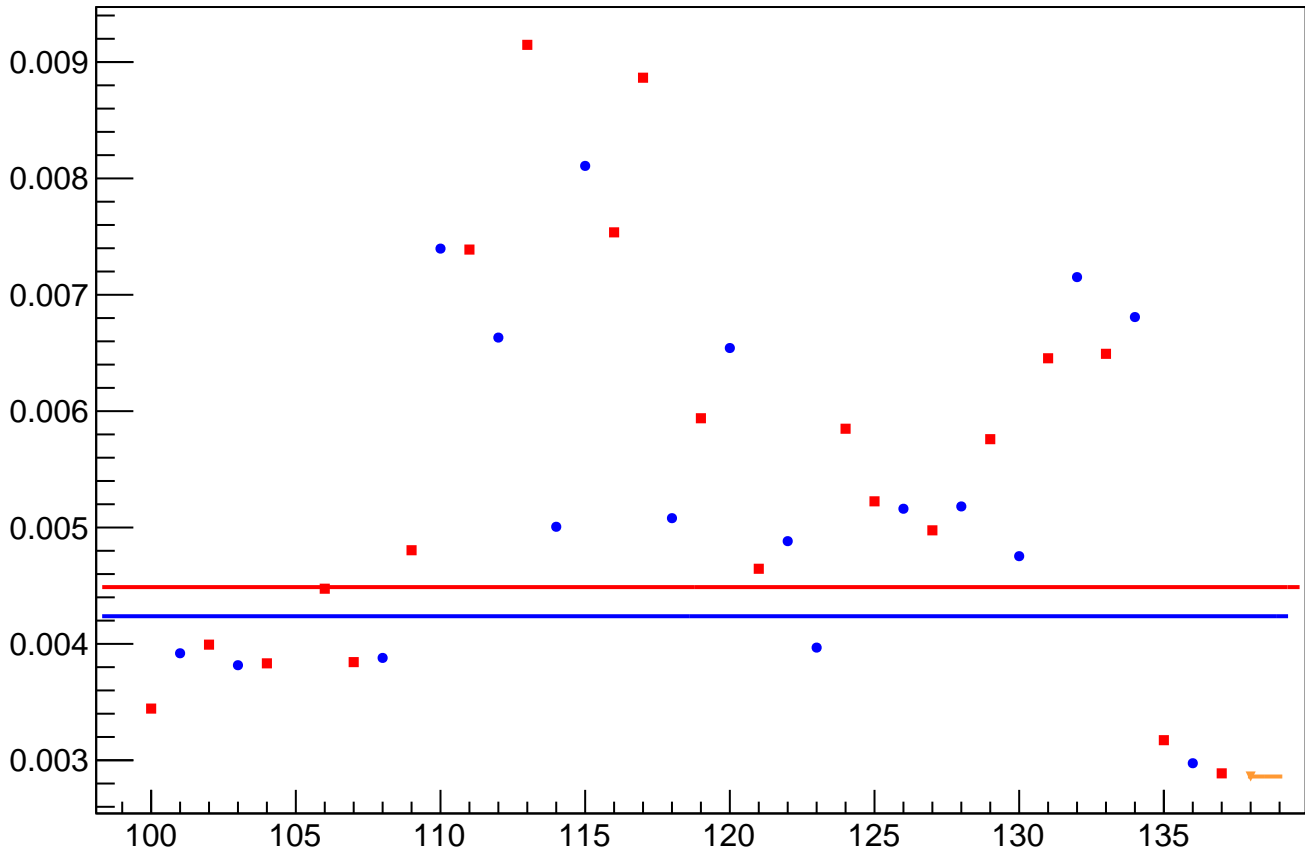
0.006+/-0.000 χ^2 /NDF: 4211469502.7/17

Right Out: -0.029+/-0.000 χ^2 /NDF: 2122918772.1/19

-0.029+/-0.000 χ^2 /NDF: 2122918772.1/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2 /NDF: 881584.1/16

Left Out: 0.003+/-0.000 χ^2 /NDF:0.0/0

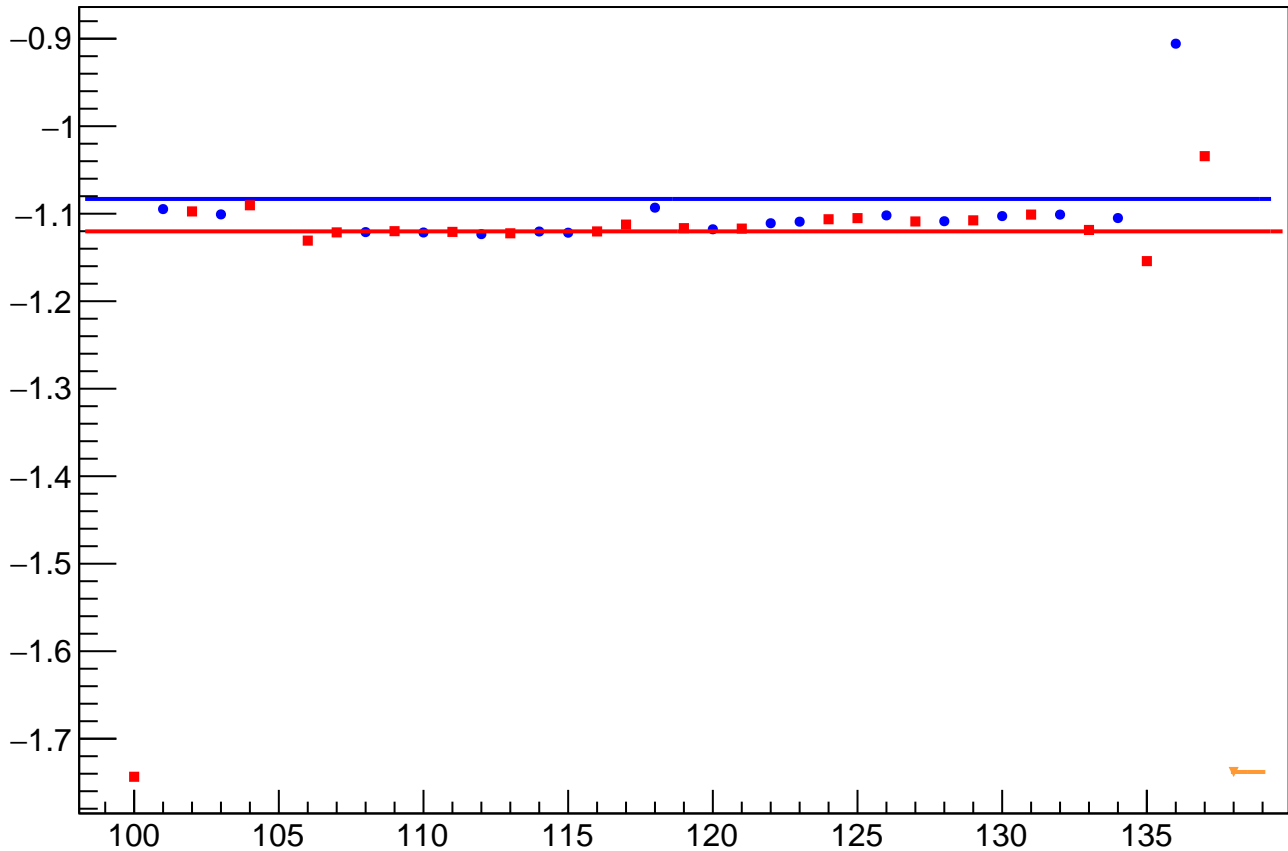
Right Out: 0.004+/-0.000 χ^2 /NDF: 1003473.4/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.004+/-0.000 χ^2 /NDF: 1125153.9/17

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: -1.738+/-0.000 χ^2 /NDF:0.0/0

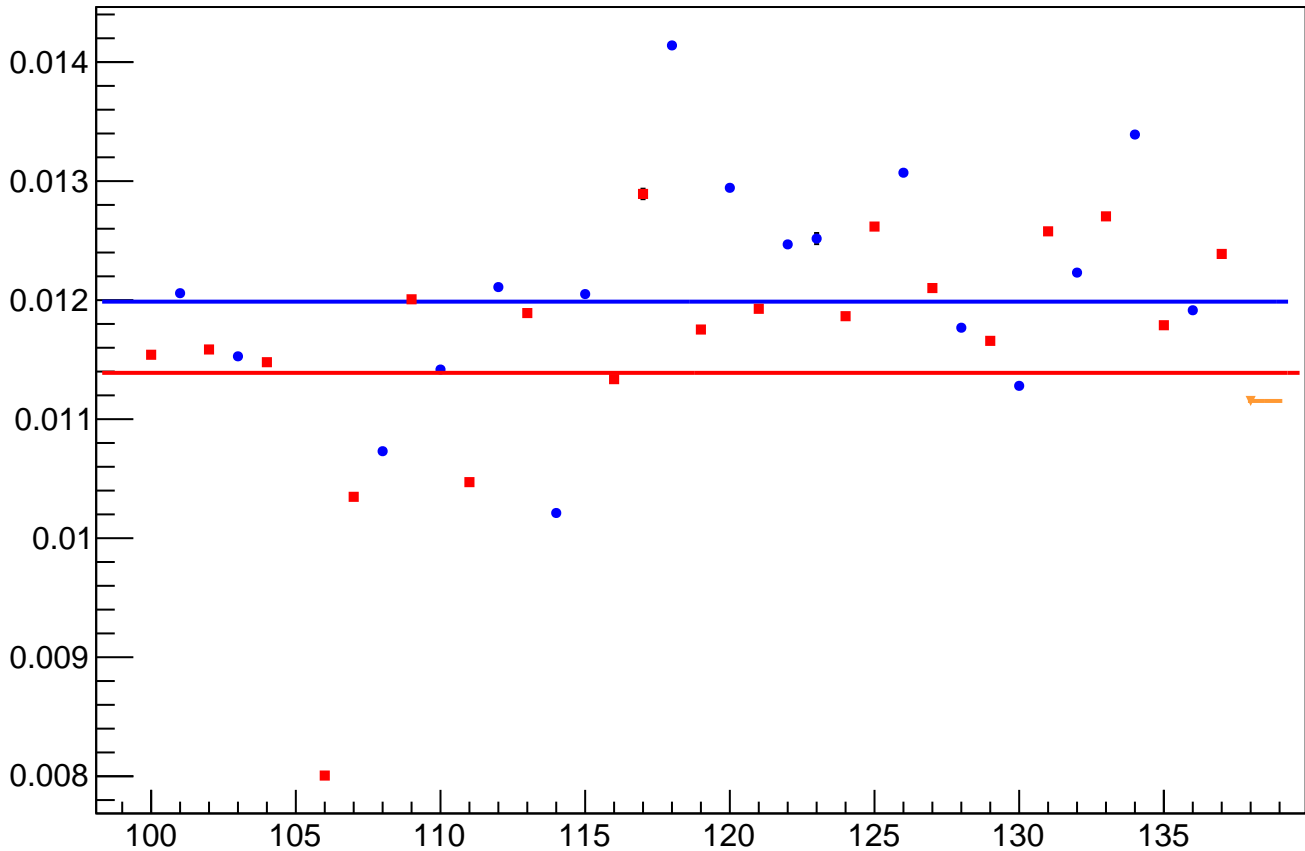
-1.155+/-0.000 χ^2 /NDF: 2308201132.9/17

Right Out: -1.120+/-0.000 χ^2 /NDF: 220586820.0/19

-1.120+/-0.000 χ^2 /NDF: 220586820.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2 /NDF: 60402.0/16

Left Out: 0.011+/-0.000 χ^2 /NDF:0.0/0

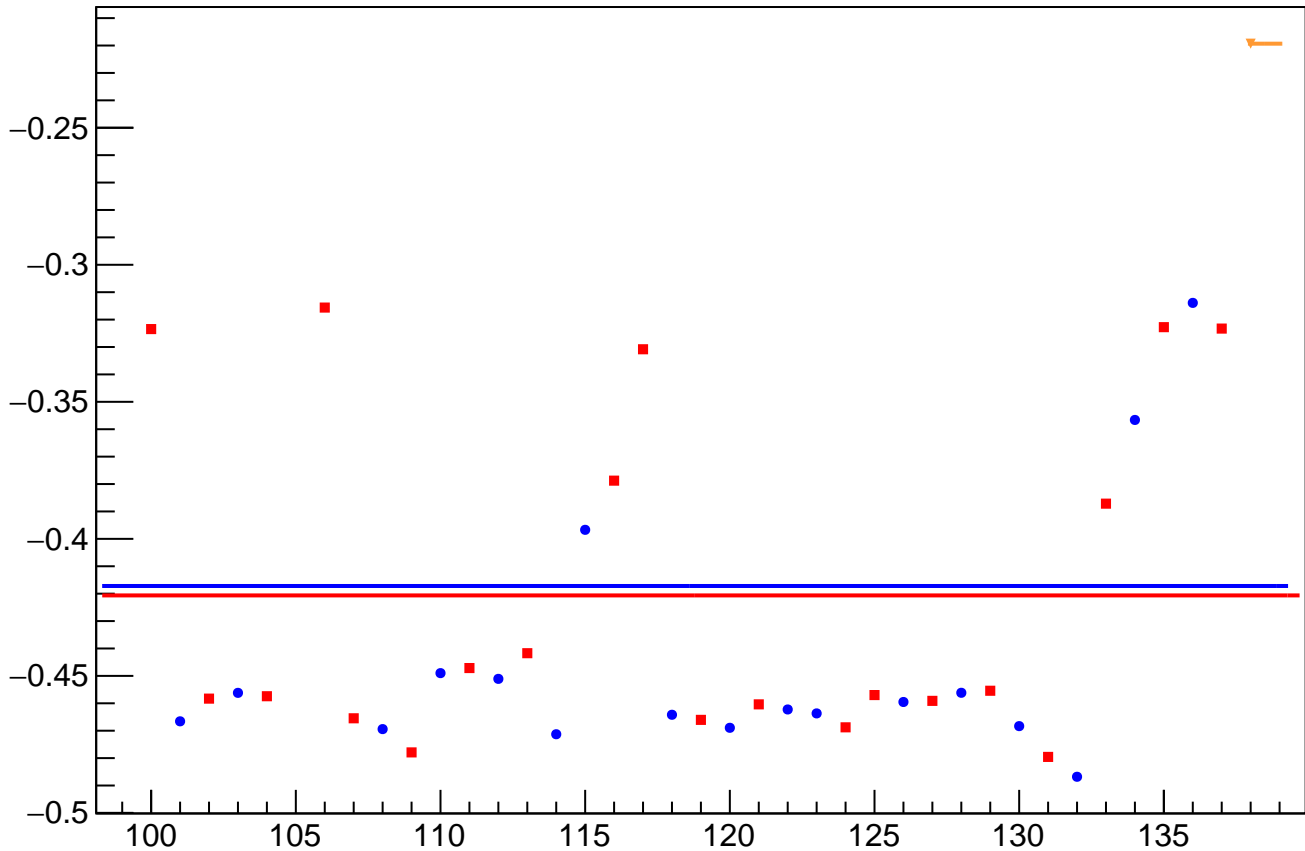
Right Out: 0.011+/-0.000 χ^2 /NDF: 155700.3/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.012+/-0.000 χ^2 /NDF: 67236.9/17

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: -0.219+/-0.000 χ^2 /NDF: 0.0/0

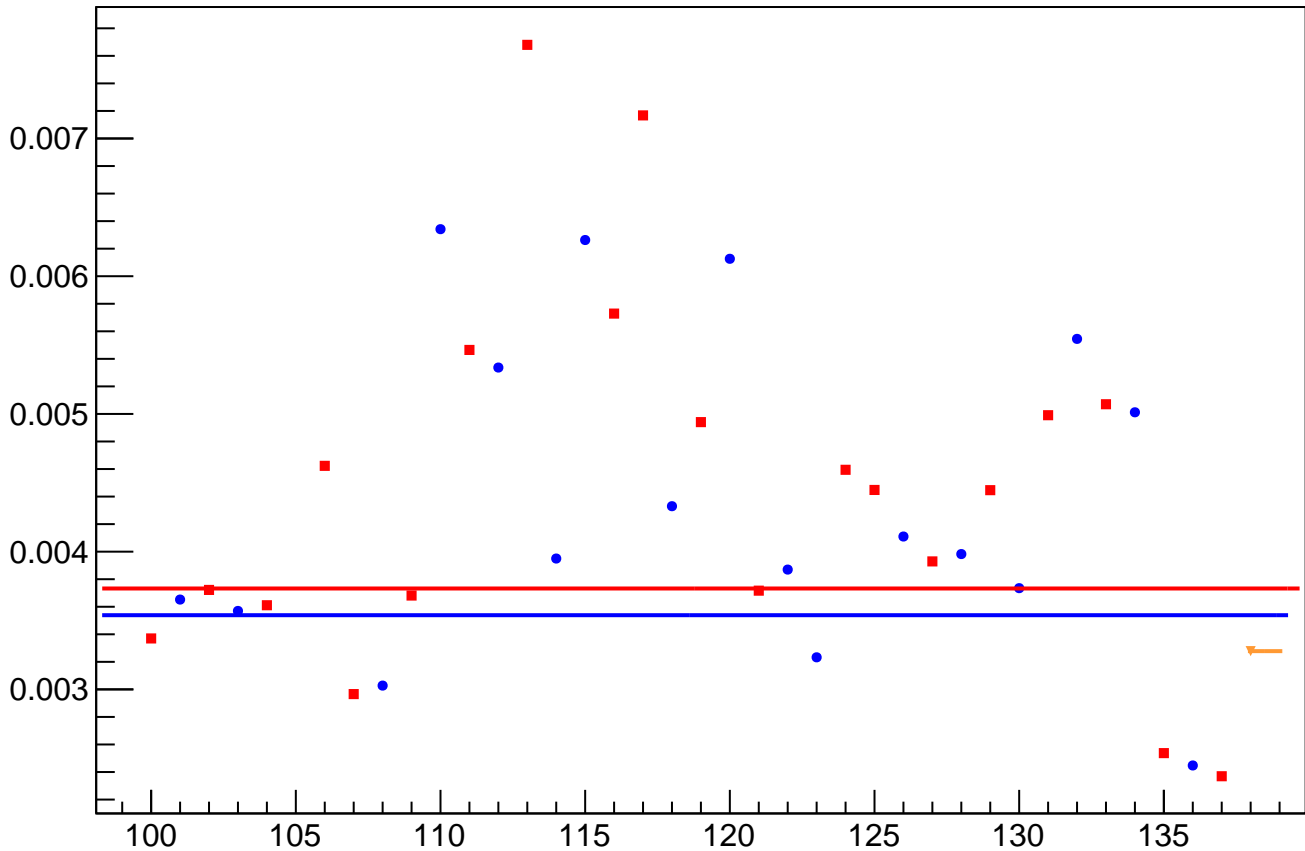
-0.393+/-0.000 χ^2 /NDF: 4124321646.9/17

Right Out: -0.421+/-0.000 χ^2 /NDF: 1652792044.5/19

-0.421+/-0.000 χ^2 /NDF: 1652792044.5/19

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

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 836154.0/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

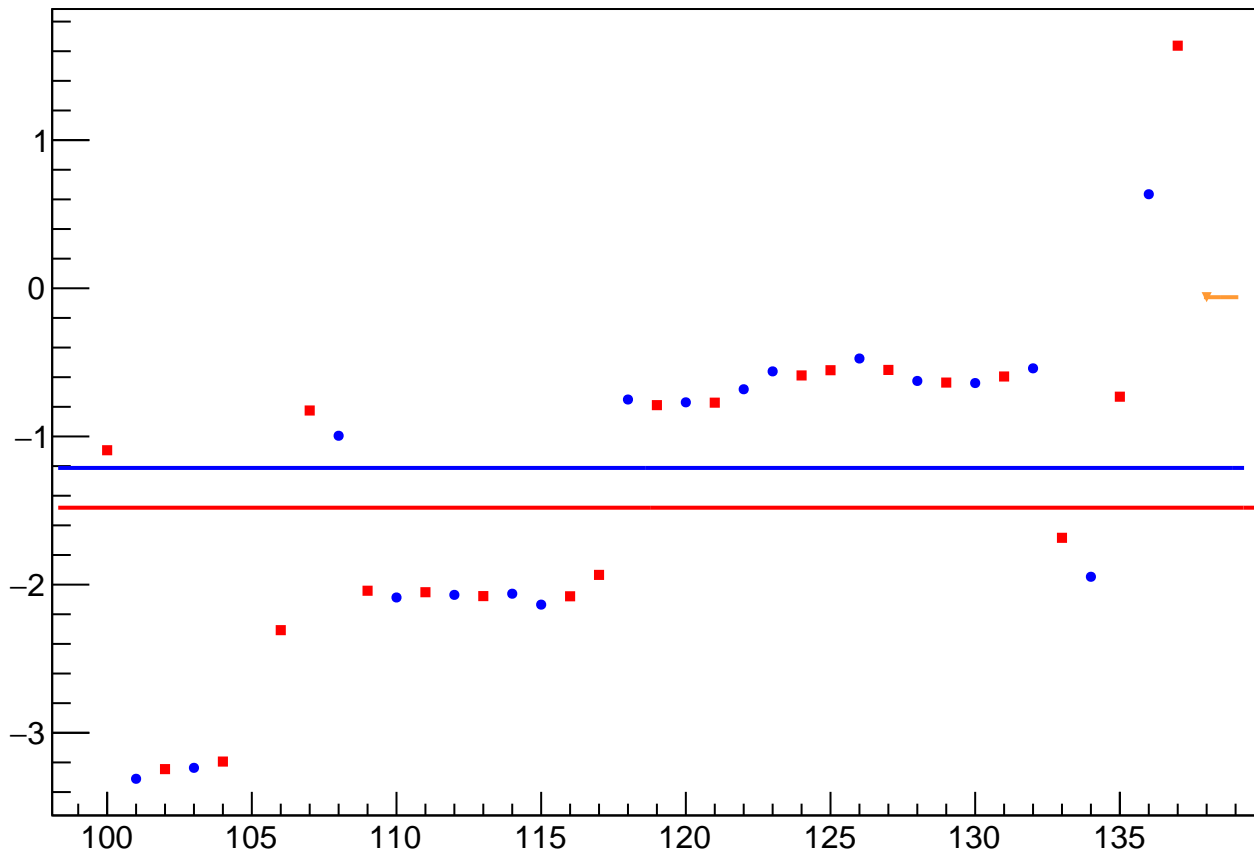
Right Out: 0.004+/-0.000 χ^2/NDF : 916963.6/19

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

0.004+/-0.000 χ^2/NDF : 843409.3/17

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: -0.060+/-0.000 χ^2 /NDF: 0.0/0

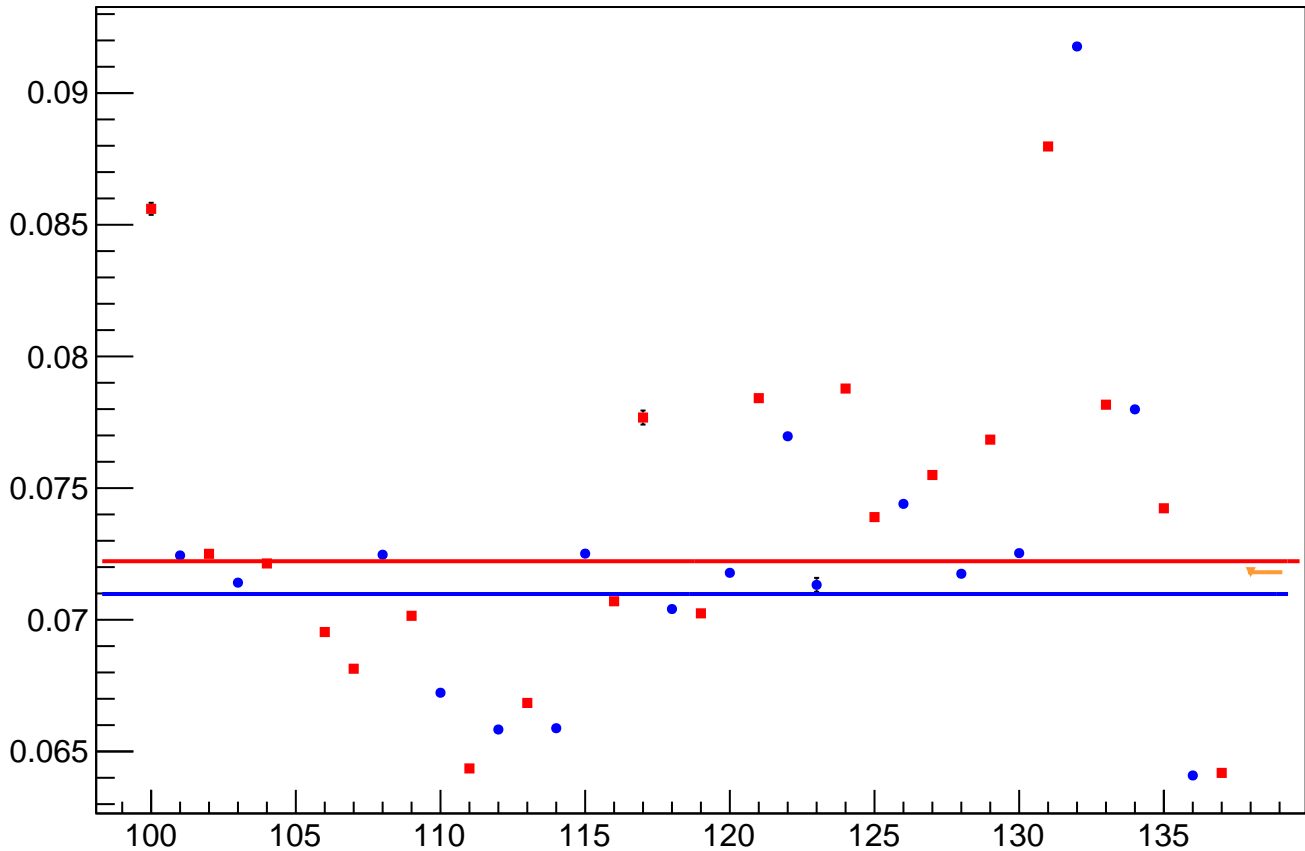
-1.099+/-0.000 χ^2 /NDF: 2162849130.9/17

Right Out: -1.481+/-0.000 χ^2 /NDF: 1579722113.8/19

-1.481+/-0.000 χ^2 /NDF: 1579722113.8/19

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

yield_bpm0r03X_rms vs Slug



Right In: 0.071+/-0.000 χ^2/NDF : 77589.5/16

Left Out: 0.072+/-0.000 χ^2/NDF : 0.0/0

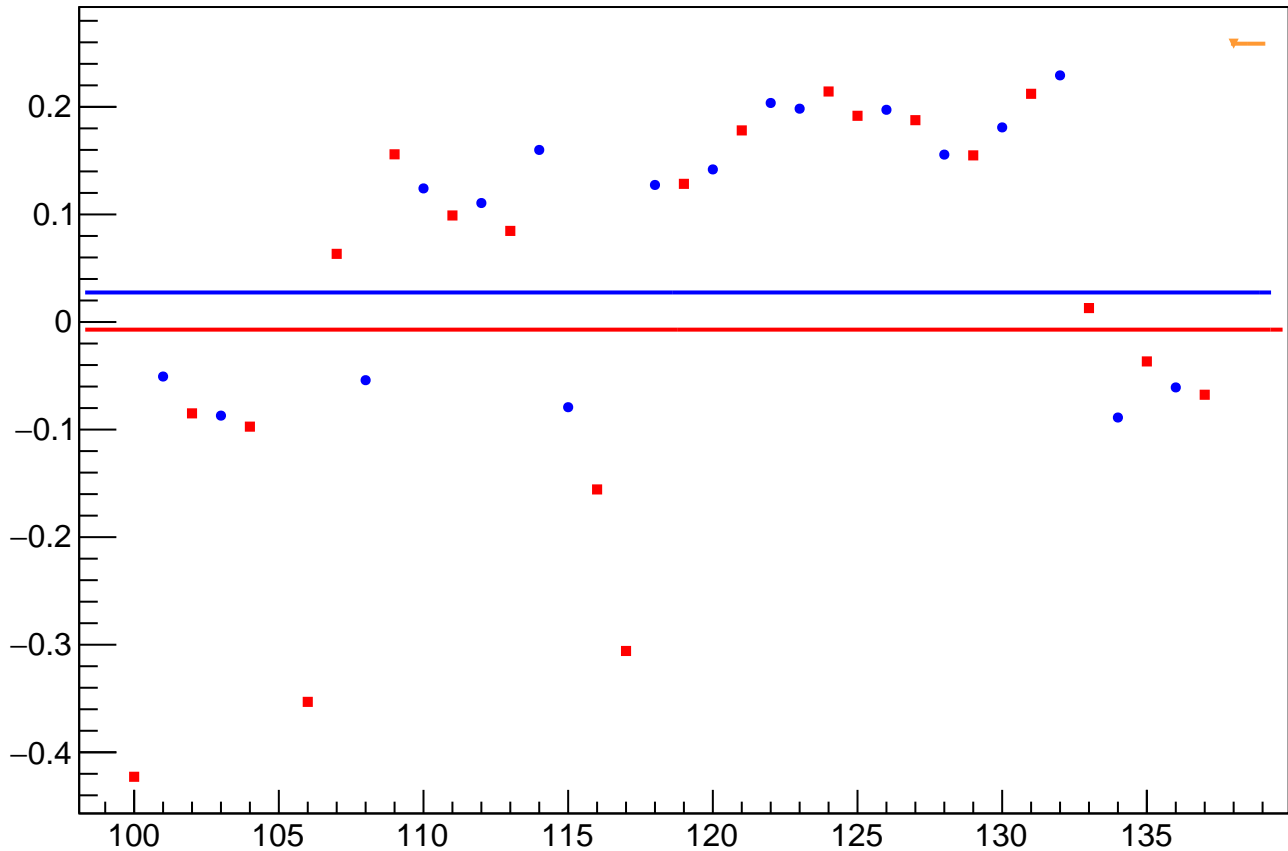
Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

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

0.071+/-0.000 χ^2/NDF : 77764.7/17

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: 0.259+/-0.000 χ^2/NDF : 0.0/0

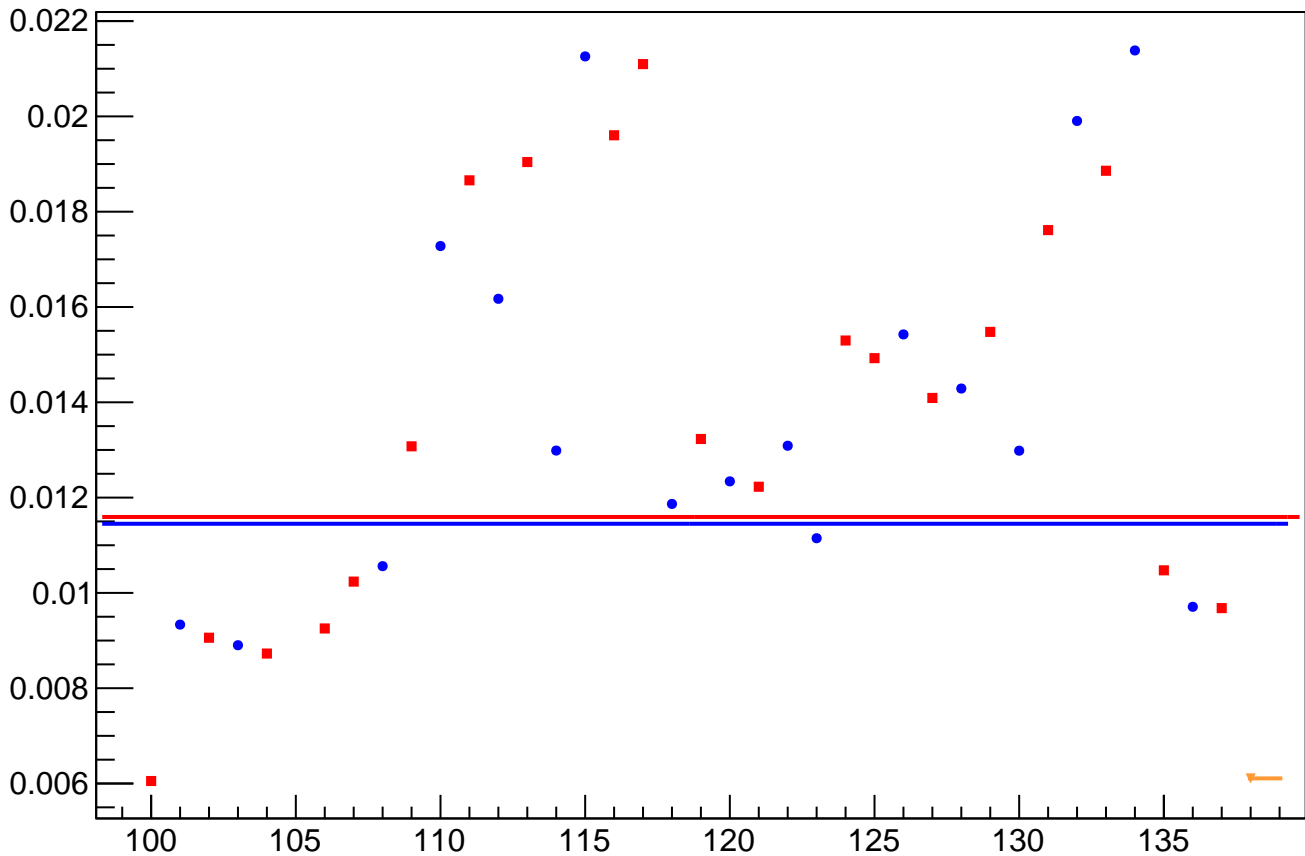
0.095+/-0.000 χ^2/NDF : 1247145761.3/17

Right Out: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

-0.007+/-0.000 χ^2/NDF : 1207003891.2/19

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

yield_bpm0r03Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

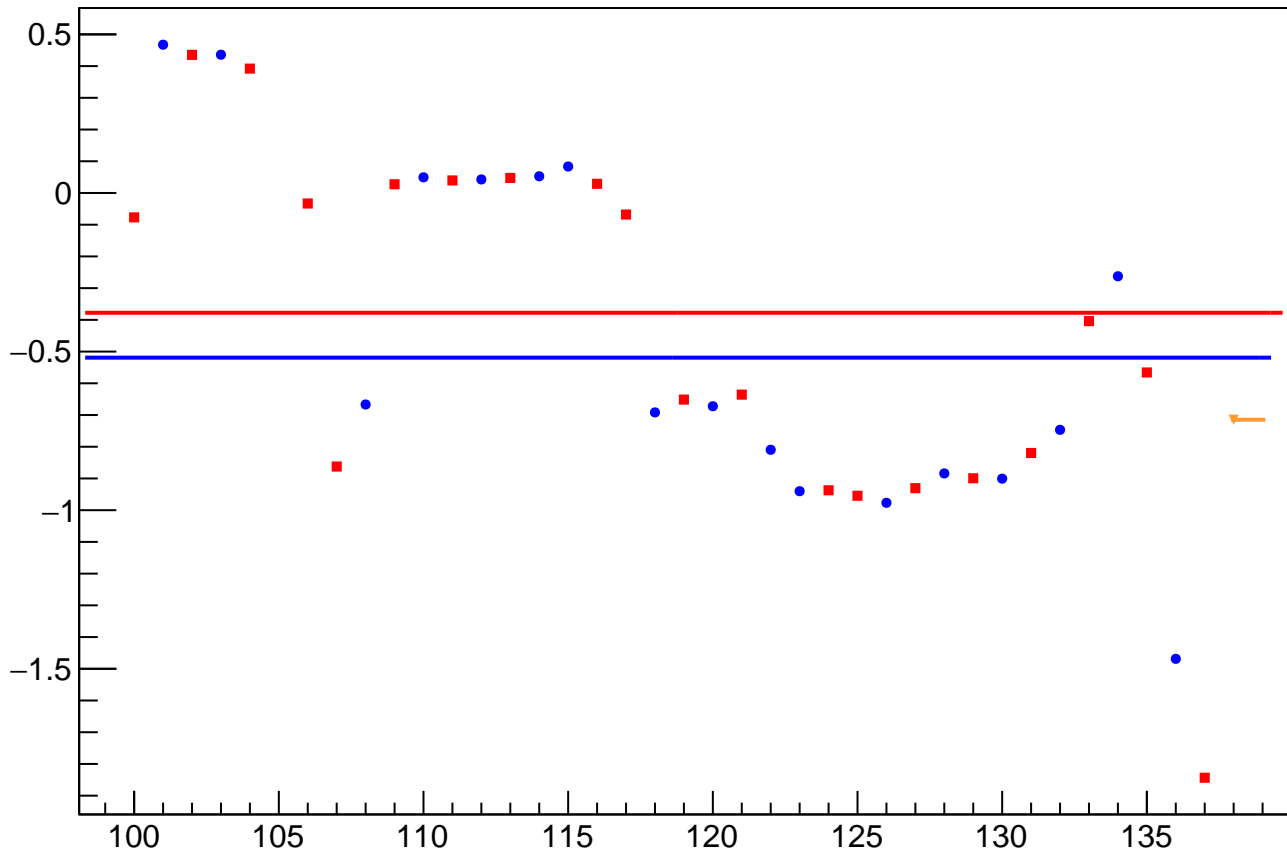
Right Out: 0.012+/-0.000 χ^2/NDF : 1012799.2/19

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

0.010+/-0.000 χ^2/NDF : 1410652.5/17

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: -0.715+/-0.000 χ^2 /NDF:0.0/0

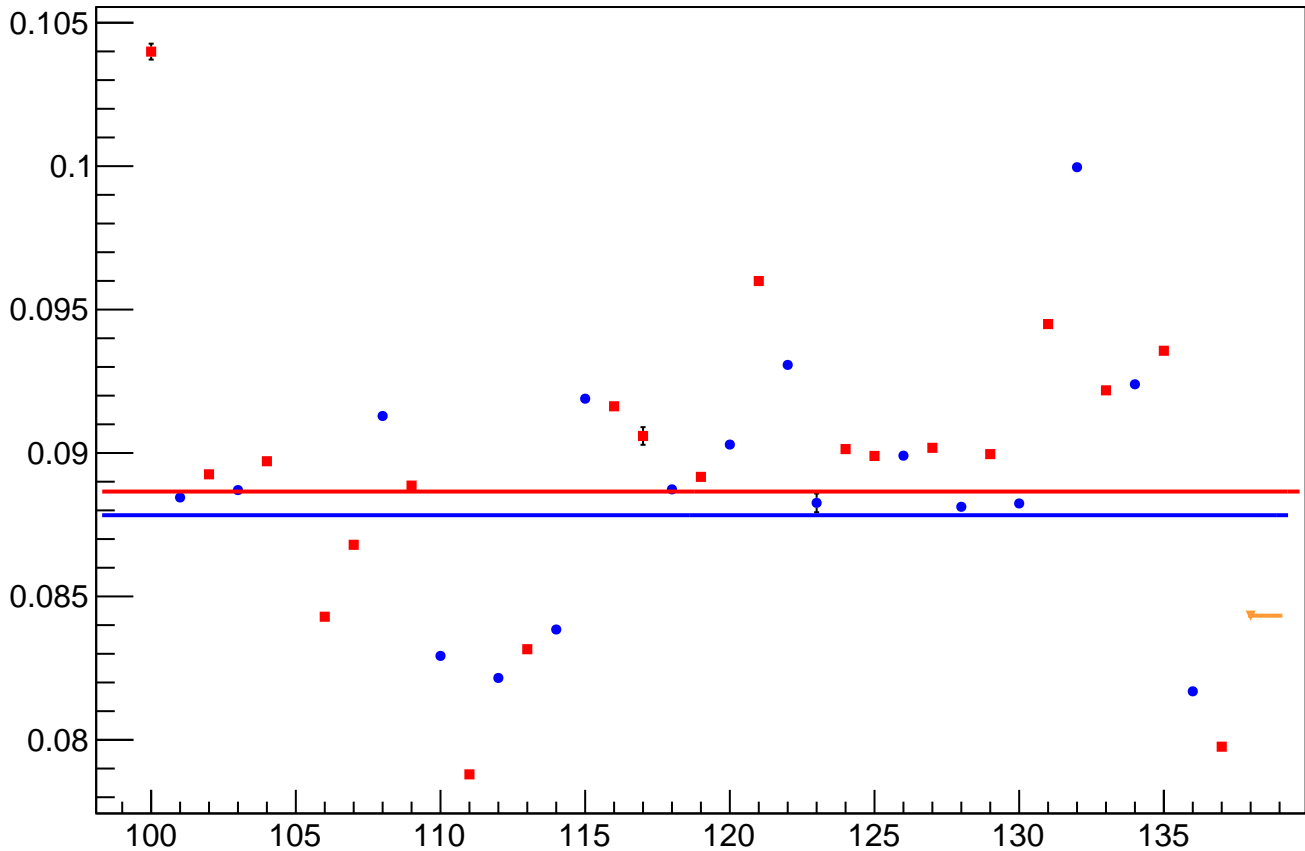
-0.540+/-0.000 χ^2 /NDF: 342917522.6/17

Right Out: -0.378+/-0.000 χ^2 /NDF: 269130827.6/19

-0.378+/-0.000 χ^2 /NDF: 269130827.6/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.088 \pm 0.000 χ^2 /NDF: 34954.4/16

Left Out: 0.084 \pm 0.000 χ^2 /NDF:0.0/0

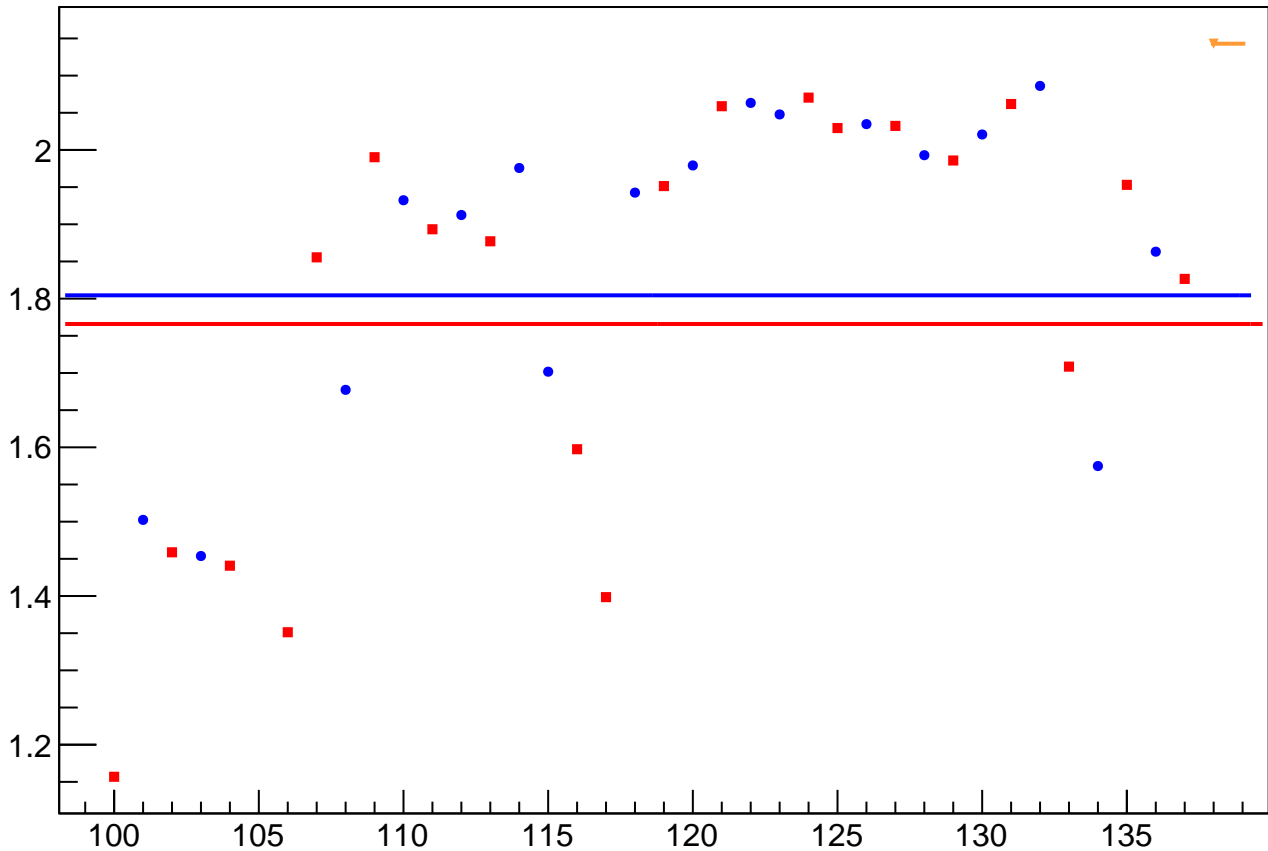
Right Out: 0.089 \pm 0.000 χ^2 /NDF: 39762.8/19

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

0.087 \pm 0.000 χ^2 /NDF: 37216.5/17

0.089 \pm 0.000 χ^2 /NDF: 39762.8/19

yield_bpm0r05Y_mean vs Slug



Right In: 1.804+/-0.000 χ^2 /NDF: 1156747883.2/16

Left Out: 2.143+/-0.000 χ^2 /NDF:0.0/0

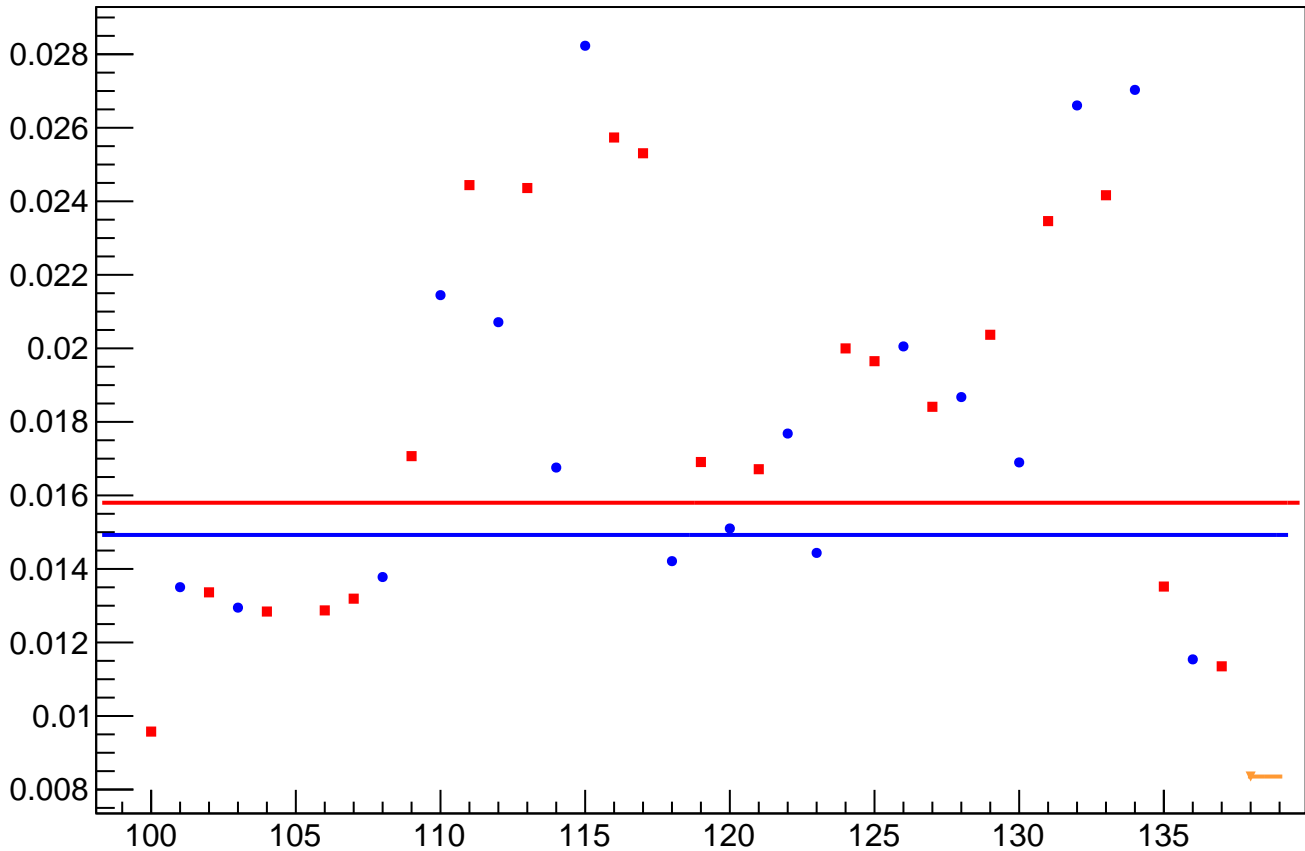
1.900+/-0.000 χ^2 /NDF: 1991878749.0/17

Right Out: 1.766+/-0.000 χ^2 /NDF: 1717275187.7/19

1.766+/-0.000 χ^2 /NDF: 1717275187.7/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

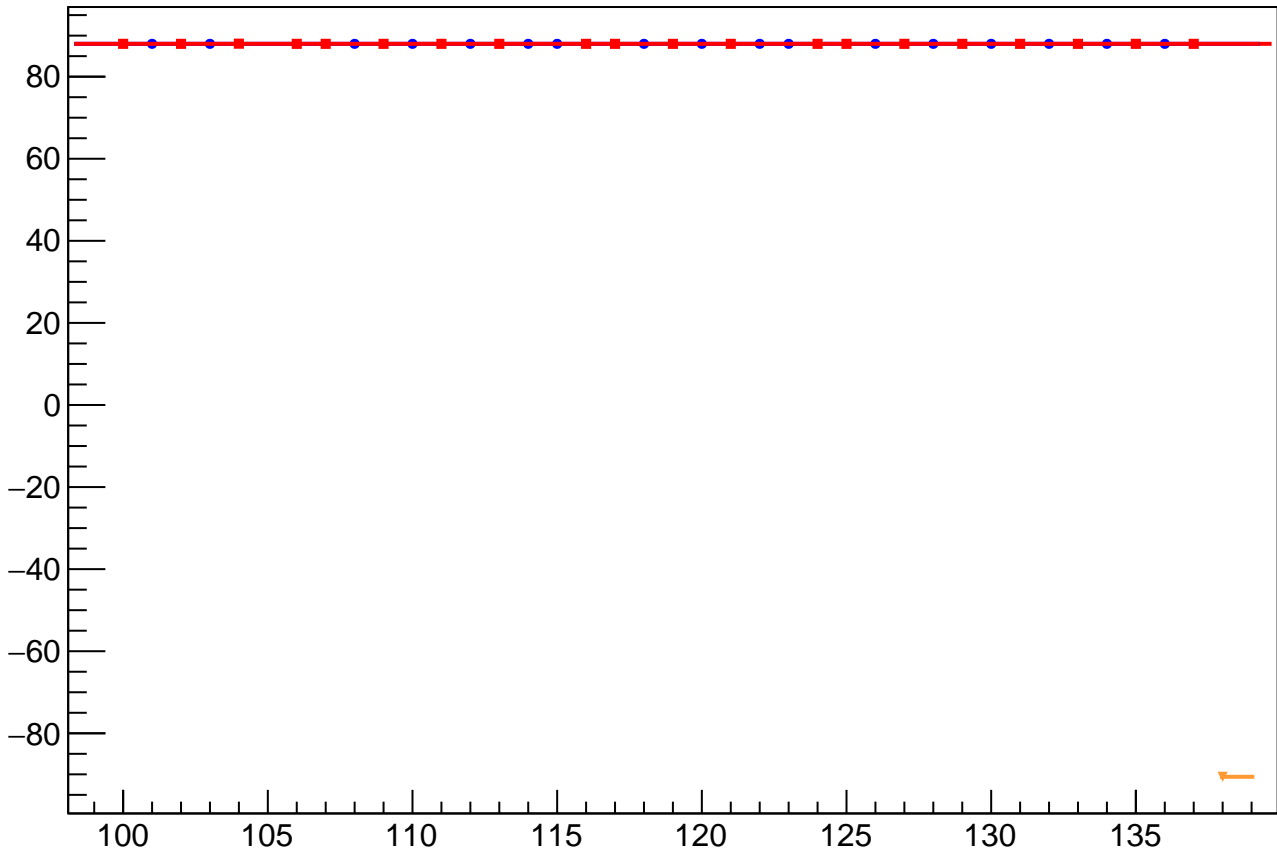
Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

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

0.013+/-0.000 χ^2/NDF : 1273208.1/17

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

69.956+/-0.000 χ^2 /NDF: 22366585112953354

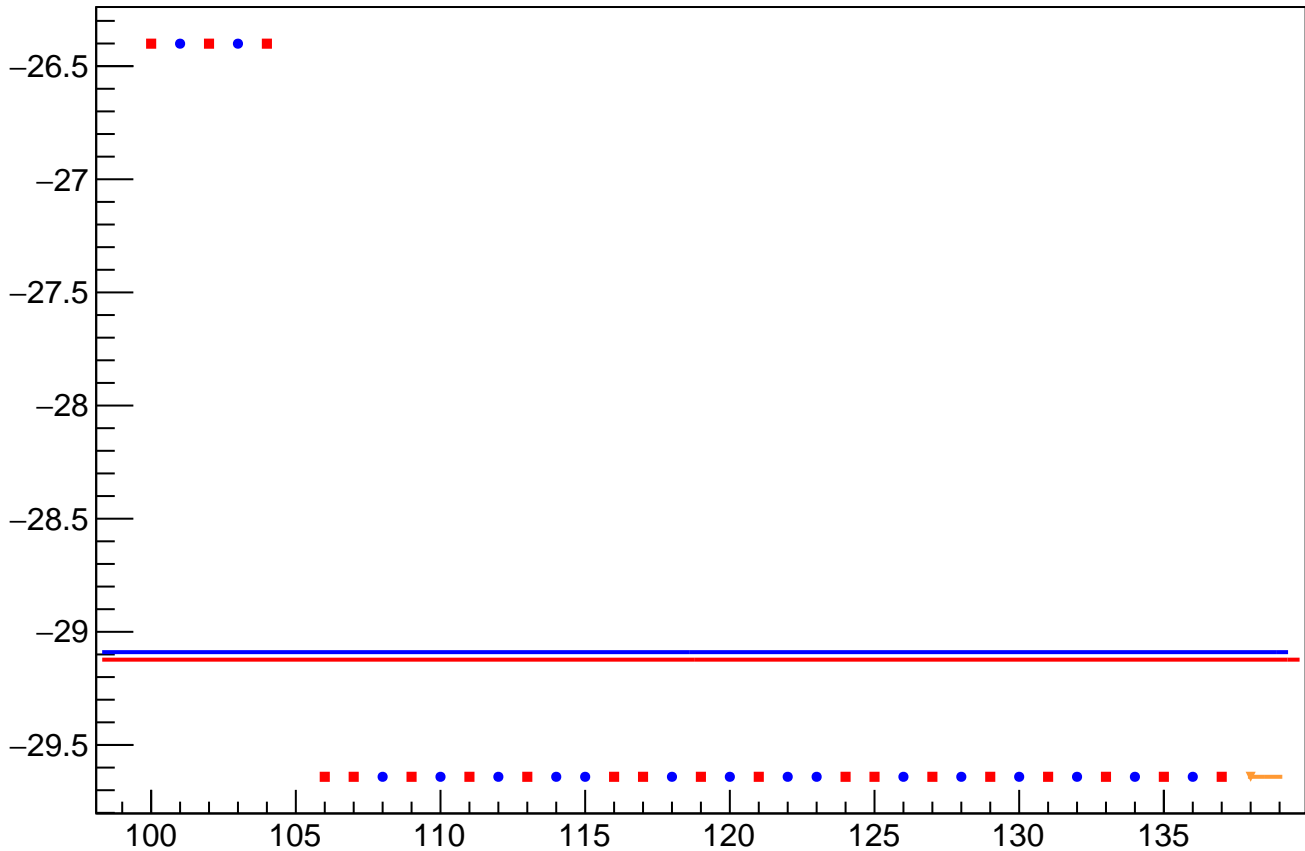
Left Out: -90.599+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 88.004+/-0.000 χ^2 /NDF: 77578366411928007427611426816.0/19

88.004+/-0.000 χ^2 /NDF: 77578366411928007

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: -29.641+/-0.000 χ^2/NDF : 0.0/0

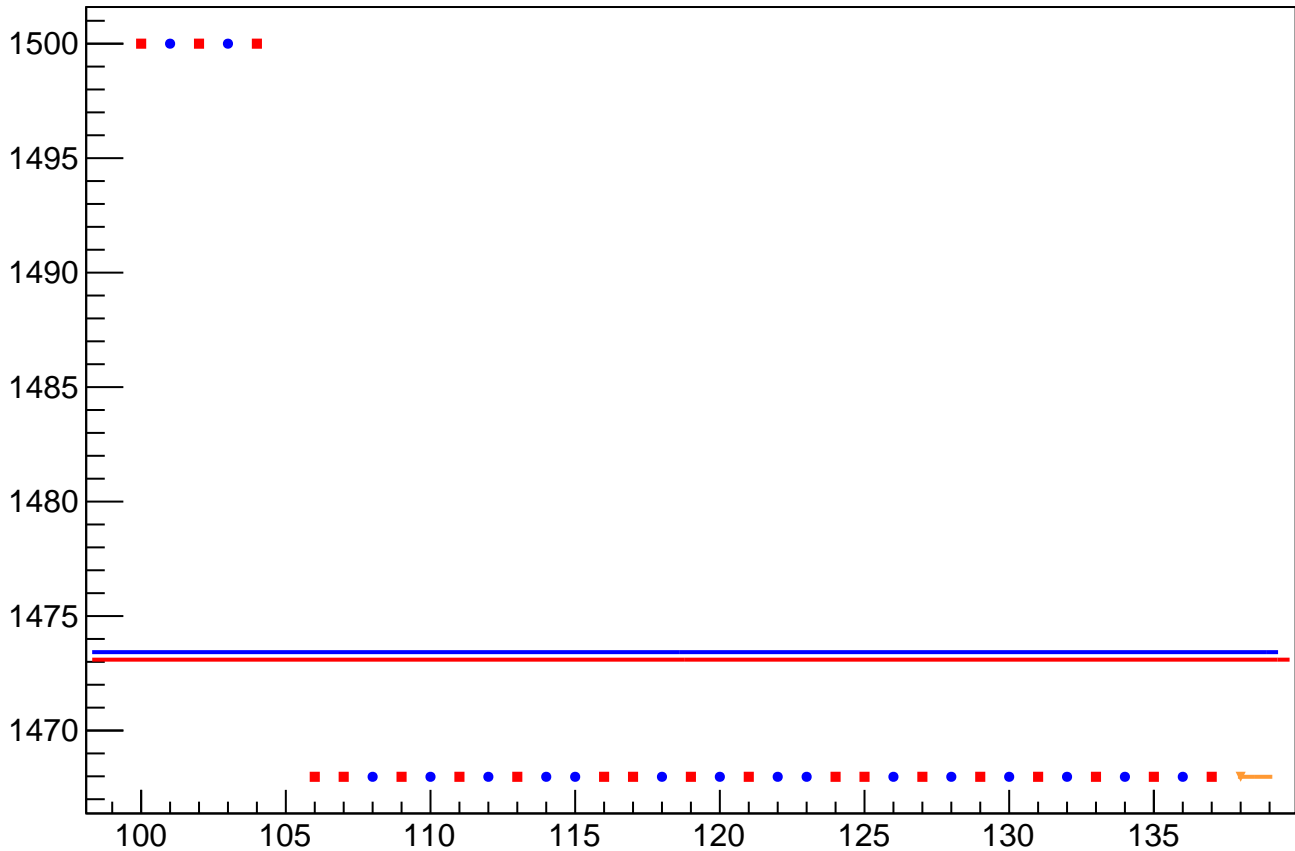
-29.145+/-0.000 χ^2/NDF : 10493792580310956

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: 1467.979+/-0.000 χ^2/NDF : 0.0/0

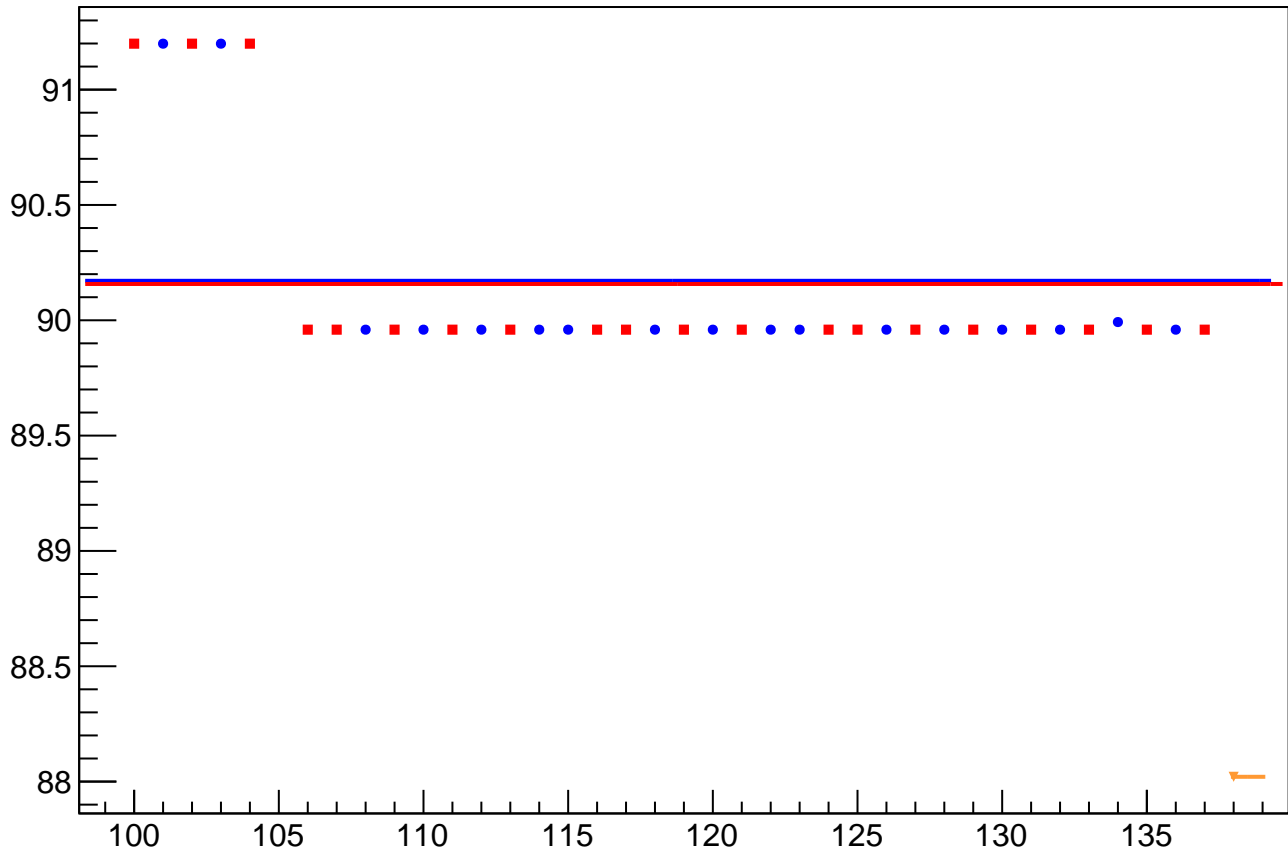
1472.874+/-0.000 χ^2/NDF : 1024998562206329

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

1473.096+/-0.000 χ^2/NDF : 999383107770996

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

epics_Phi_FGs_mean vs Slug



Right In: 90.171+/-0.000 χ^2 /NDF: 150316905454500935857801185460224.0/16

Left Out: 88.021+/-0.000 χ^2 /NDF:0.0/0

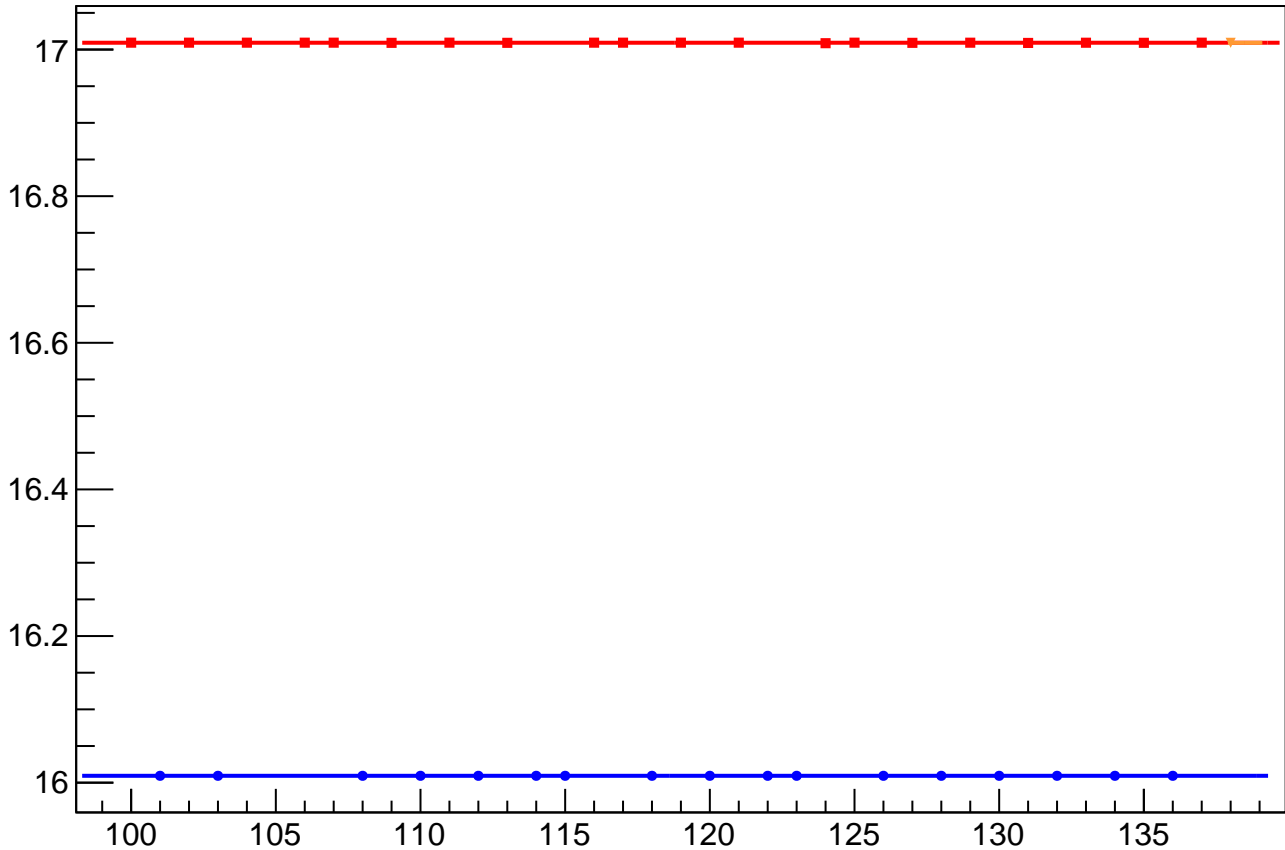
89.954+/-0.000 χ^2 /NDF: 474572294499332250

Right Out: 90.157+/-0.000 χ^2 /NDF: 149863052341628336344772108091392.0/19

90.157+/-0.000 χ^2 /NDF: 149863052341628336

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

epics_IGL1100DI24_24Ms_mean vs Slug



Right In: 16.009+/-0.000 χ^2 /NDF: 44327.7/16

16.103+/-0.000 χ^2 /NDF: 616430842755288983

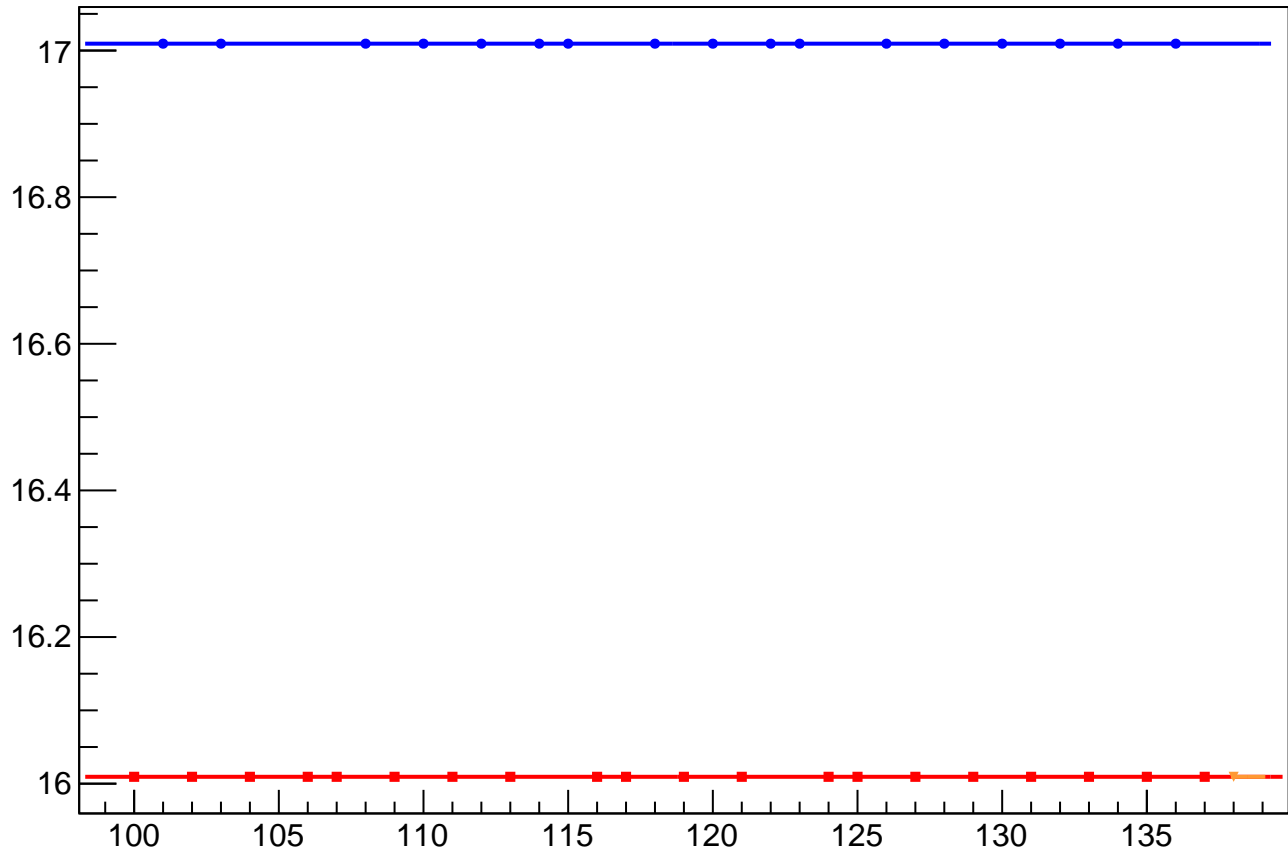
Left Out: 17.009+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.009+/-0.000 χ^2 /NDF: 12548783366686740957888512.0/19

17.009+/-0.000 χ^2 /NDF: 125487833666867409

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009+/-0.000 χ^2 /NDF: 132629.6/16

Left Out: 16.009+/-0.000 χ^2 /NDF:0.0/0

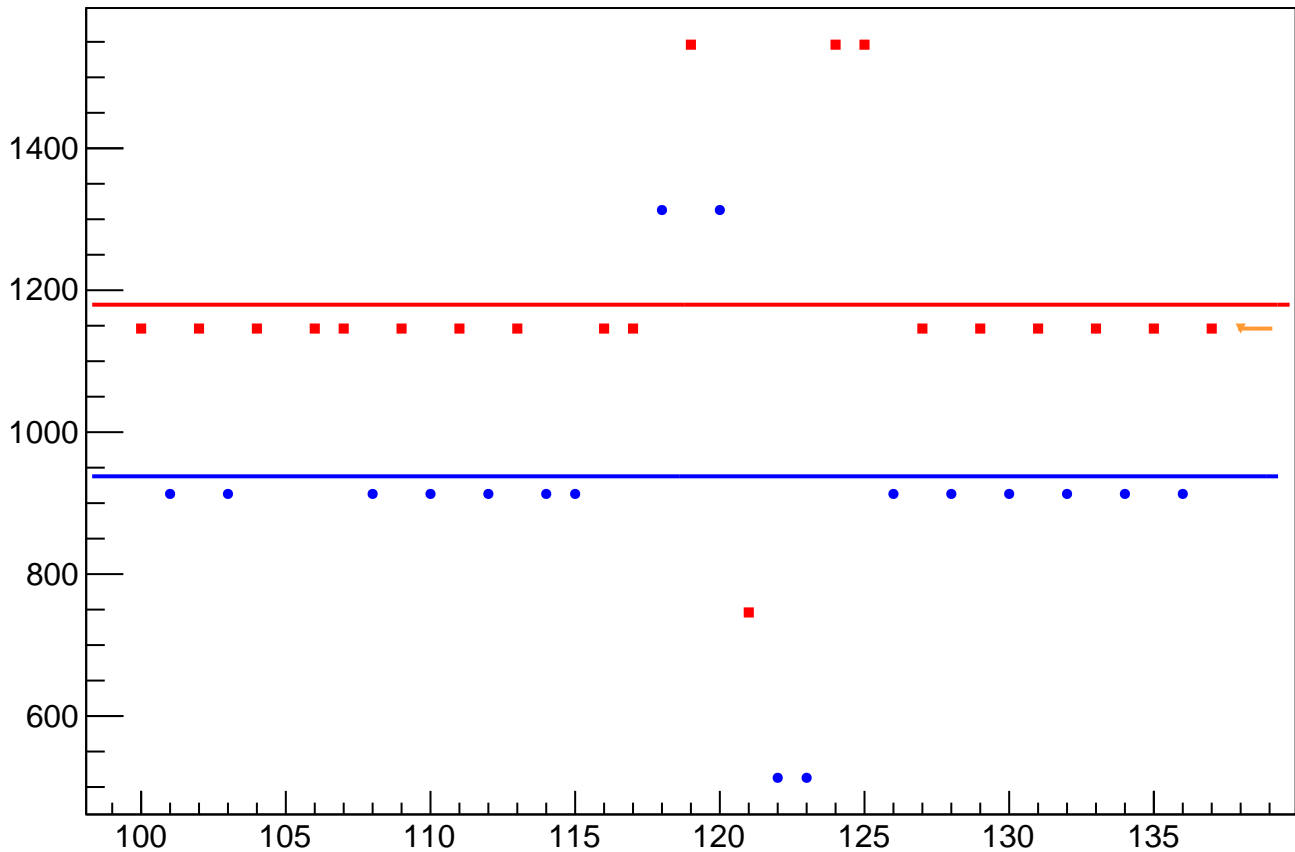
Right Out: 16.009+/-0.000 χ^2 /NDF: 42750.0/19

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

16.904+/-0.000 χ^2 /NDF: 69778378378377694

16.009+/-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: 1146.013+/-0.000 χ^2/NDF : 0.0/0

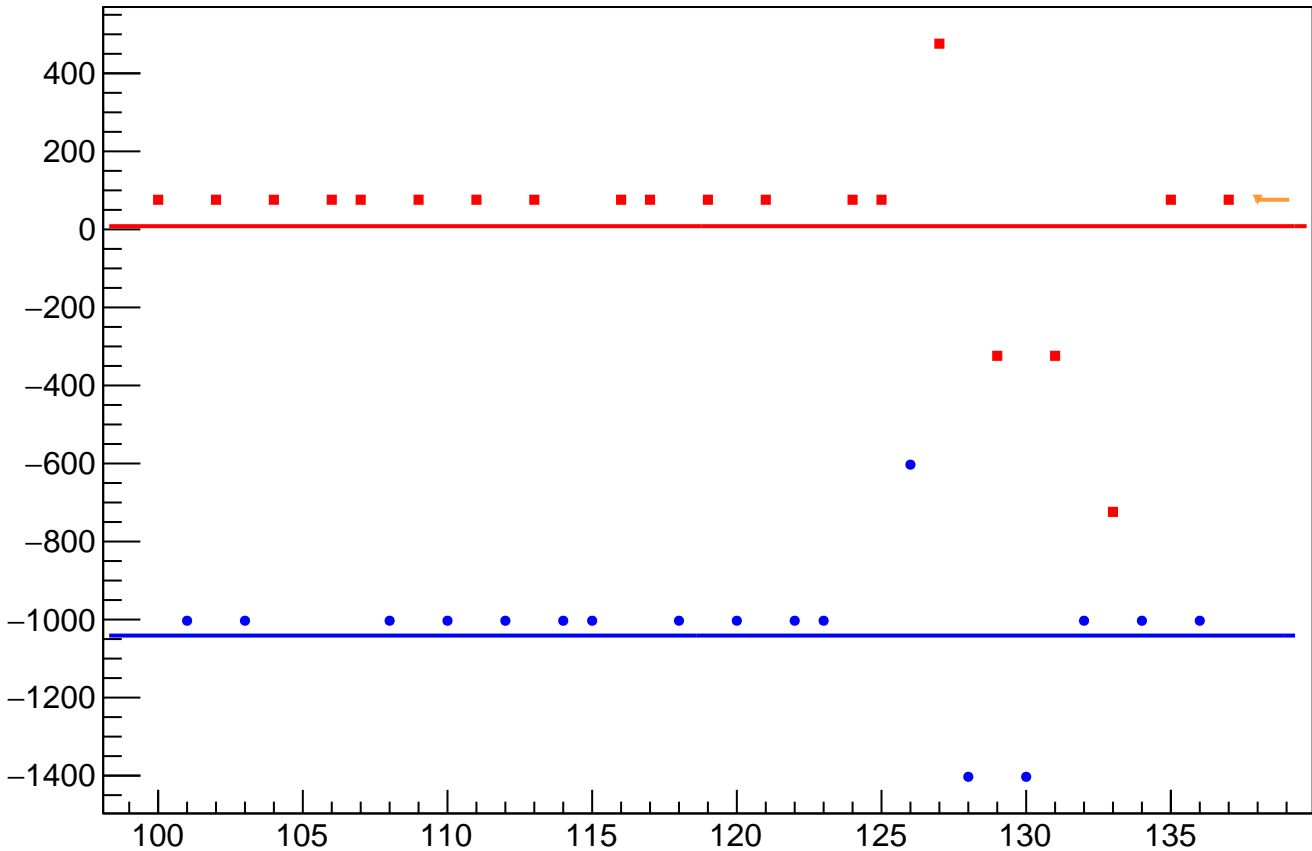
958.818+/-0.000 χ^2/NDF : 2389551514942852

Right Out: 1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

1179.619+/-0.000 χ^2/NDF : 2142065973173867

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

epics_RTPAPOSVCNTs_mean vs Slug



Right In: -1041.030+/-0.000 χ^2 /NDF: 22675401109943882512554797113855180800.0/16

Left Out: 76.009+/-0.000 χ^2 /NDF:0.0/0

-928.168+/-0.000 χ^2 /NDF: 1101684148043128

Right Out: 8.240+/-0.000 χ^2 /NDF: 43865391744972338137265798243810279424.0/19

8.240+/-0.000 χ^2 /NDF: 4386539174497233813

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0