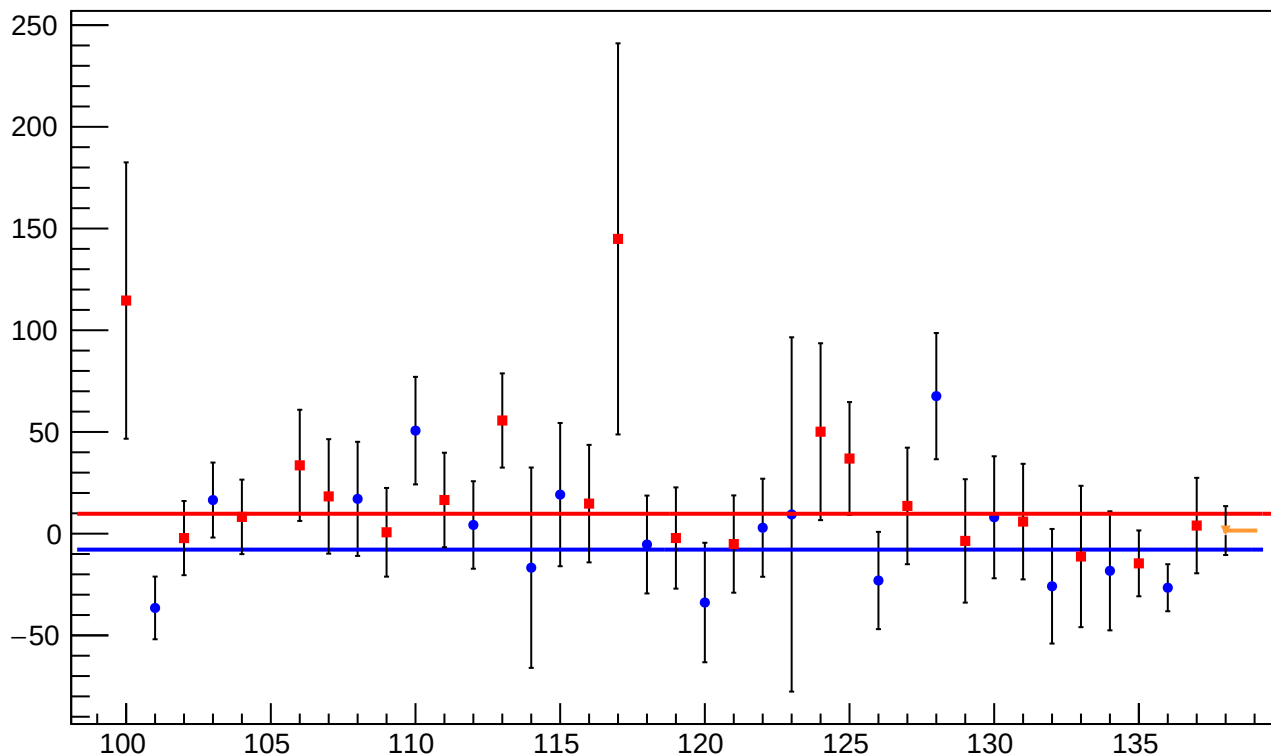


diff_bpm4aX_mean vs Slug, Sign Corrected



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

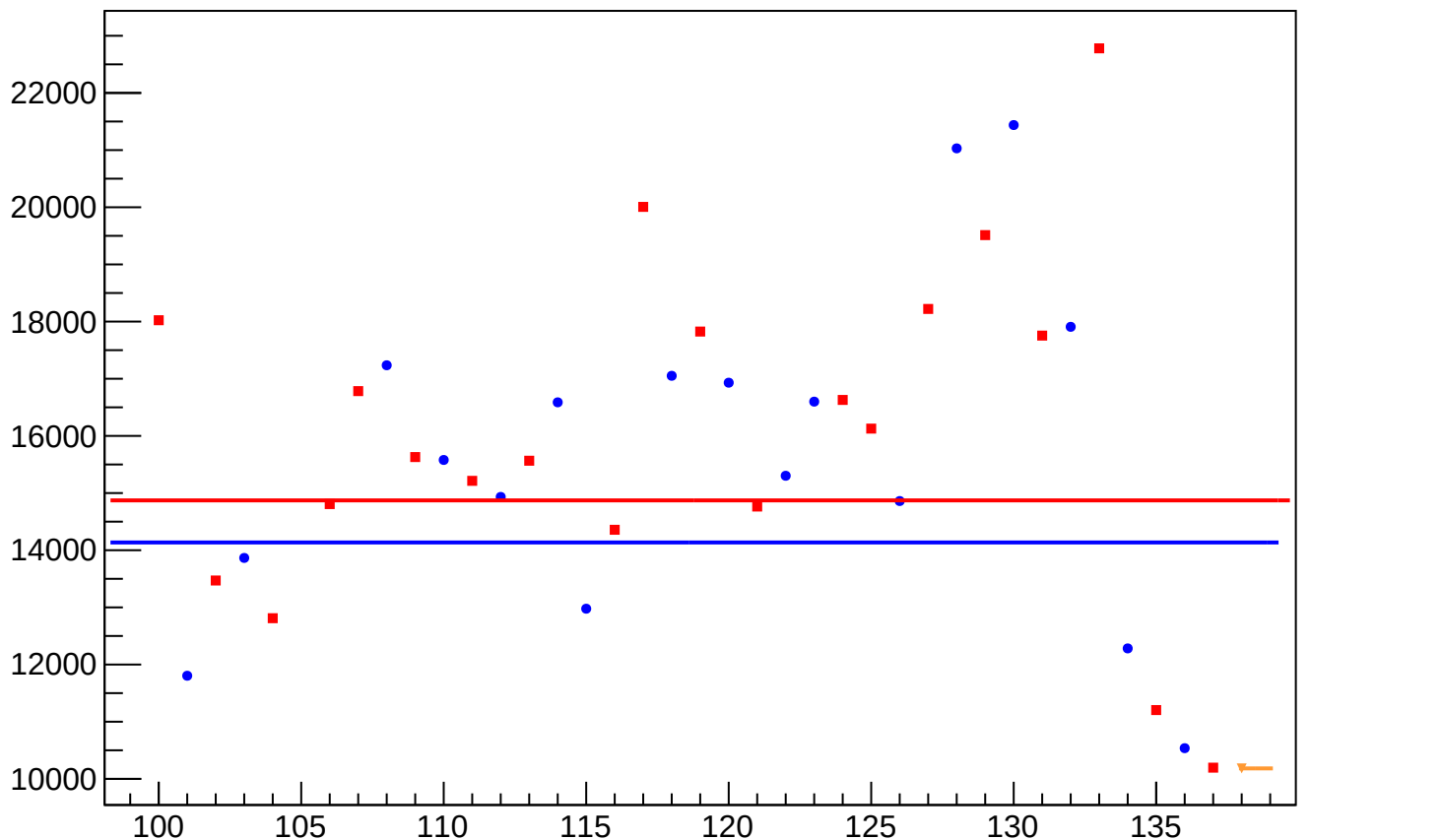
0.942 ± 3.784

χ^2/NDF : 42.7/37

9.781 ± 5.667

χ^2/NDF : 15.2/19

diff_bpm4aX_rms vs Slug, Sign Corrected



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

Left Out: 10182.951+/-8.499 χ^2/NDF : 0.0/0

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

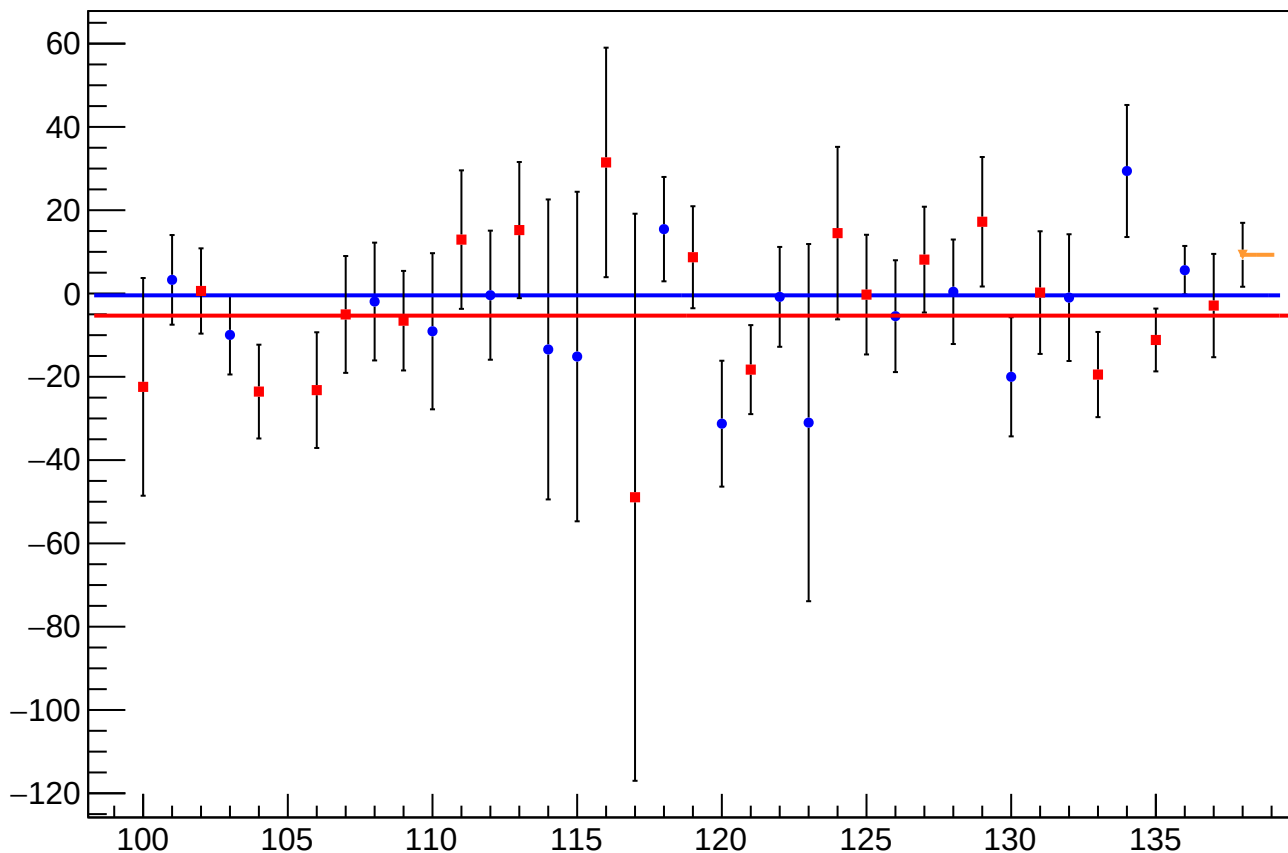
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

14072.239+/-2.675 χ^2/NDF : 1324393.9/3

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

diff_bpm4aY_mean vs Slug, Sign Corrected



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

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

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

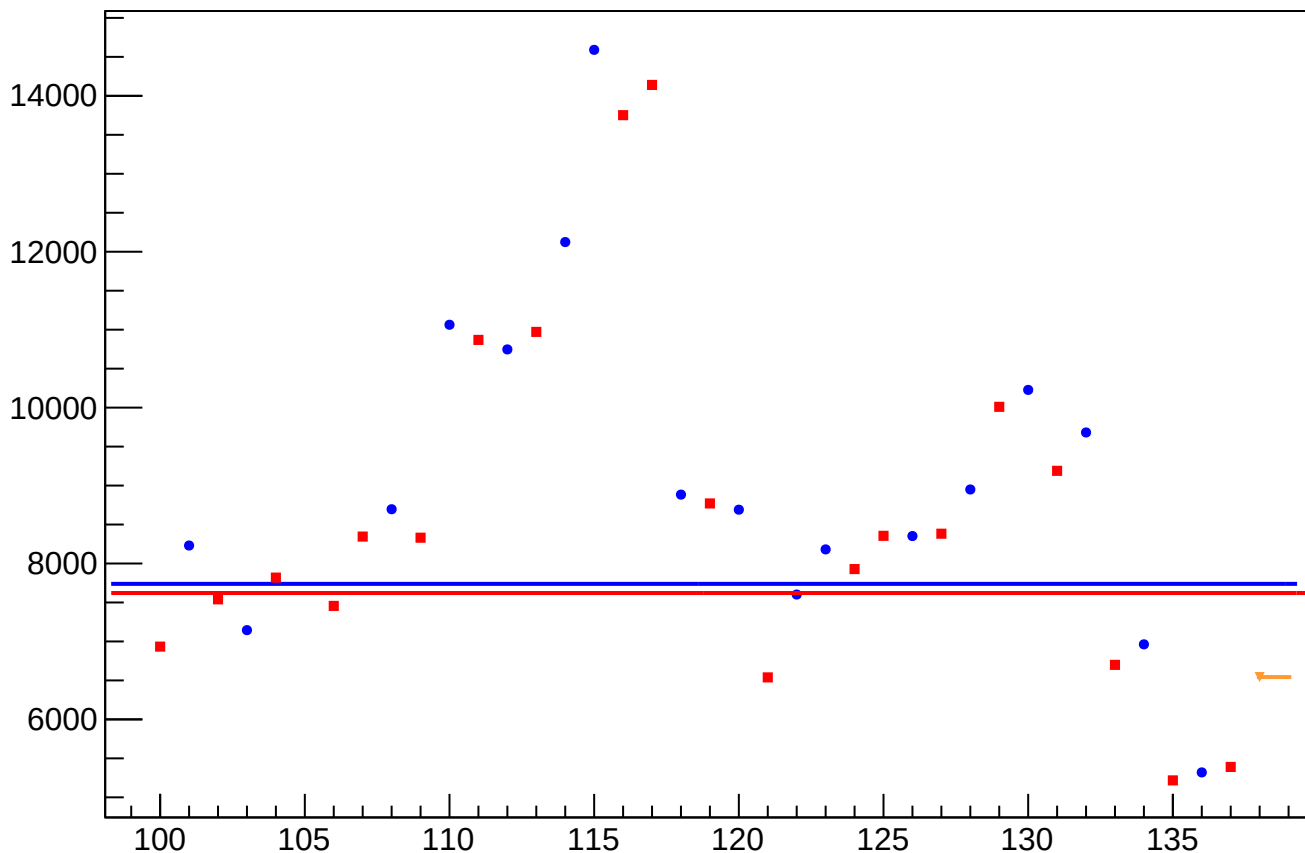
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.903 ± 2.851 χ^2/NDF : 15.9/17

-2.116 ± 2.044 χ^2/NDF : 38.0/37

-5.310 ± 2.933 χ^2/NDF : 19.8/19

diff_bpm4aY_rms vs Slug, Sign Corrected



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

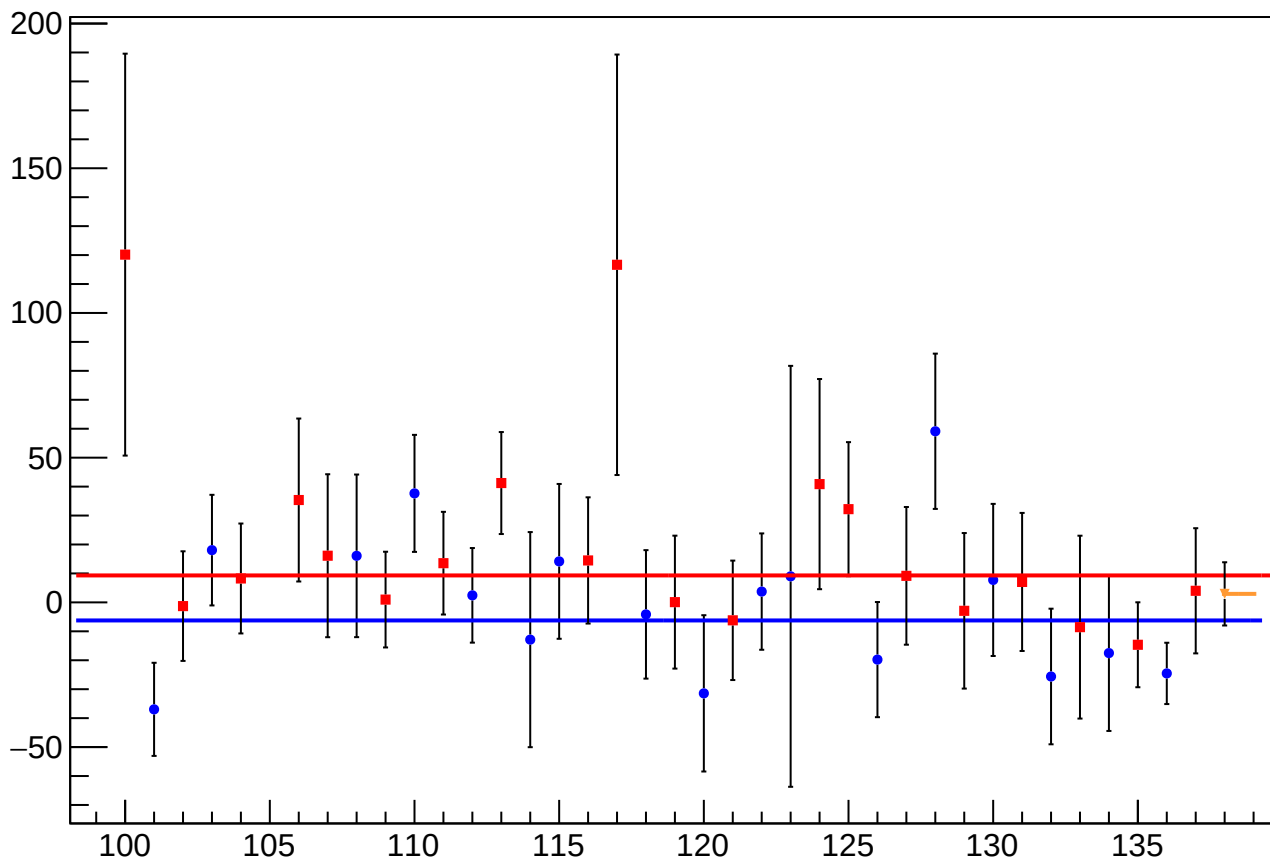
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7597.060+/-1.446 χ^2/NDF : 1480516.7/37

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

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.244 ± 5.017 $\chi^2/\text{NDF}: 23.2/16$

Left Out: 2.936 ± 10.924 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.310 ± 4.987 $\chi^2/\text{NDF}: 15.3/19$

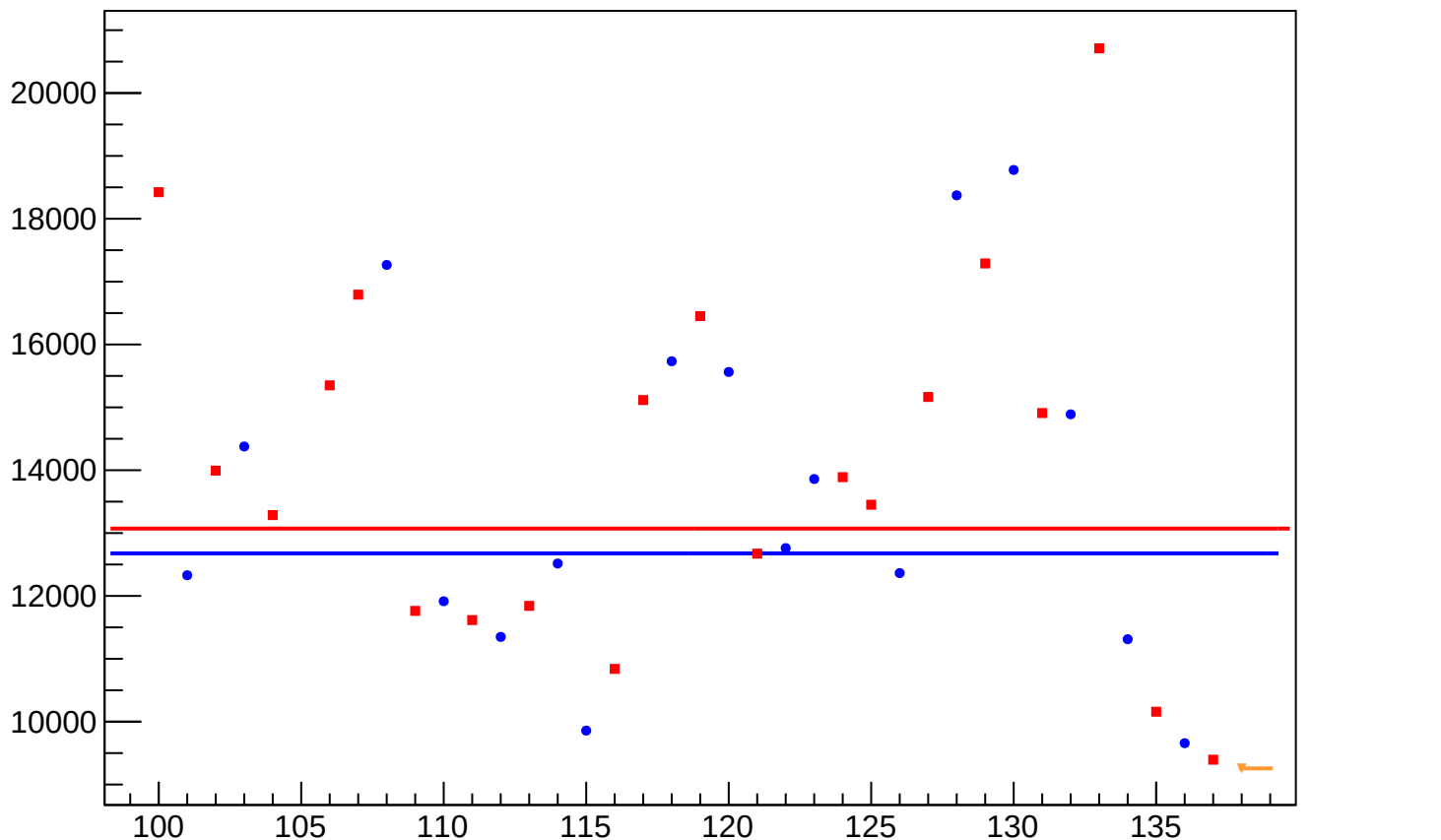
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.645 ± 4.559 $\chi^2/\text{NDF}: 23.8/17$

1.708 ± 3.365 $\chi^2/\text{NDF}: 43.4/37$

9.310 ± 4.987 $\chi^2/\text{NDF}: 15.3/19$

diff_bpm4eX_rms vs Slug, Sign Corrected



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

Left Out: 9256.228+/-7.724 χ^2/NDF : 0.0/0

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

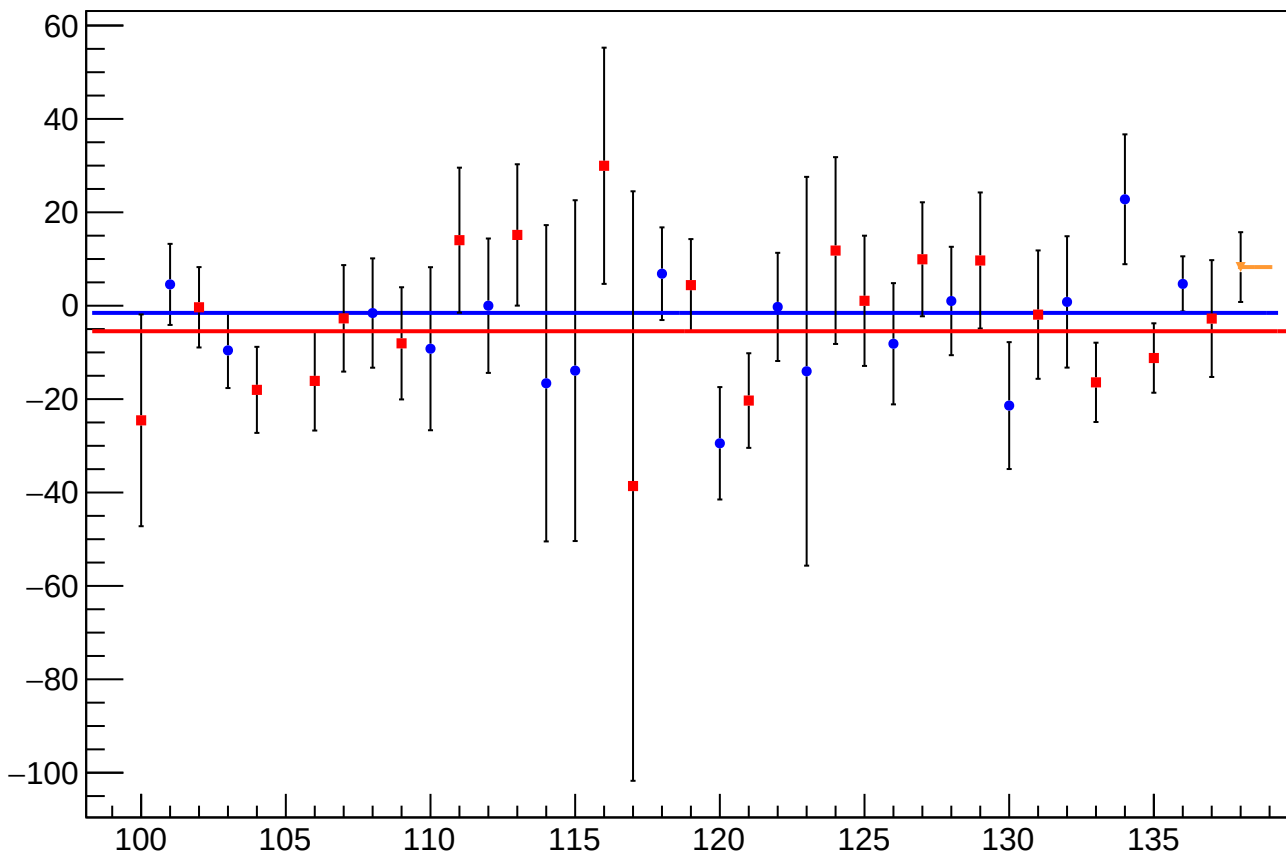
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

12532.192+/-2.380 χ^2/NDF : 1257571.0/3

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

diff_bpm4eY_mean vs Slug, Sign Corrected



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

Left Out: 8.274+/-7.472 χ^2/NDF : 0.0/0

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

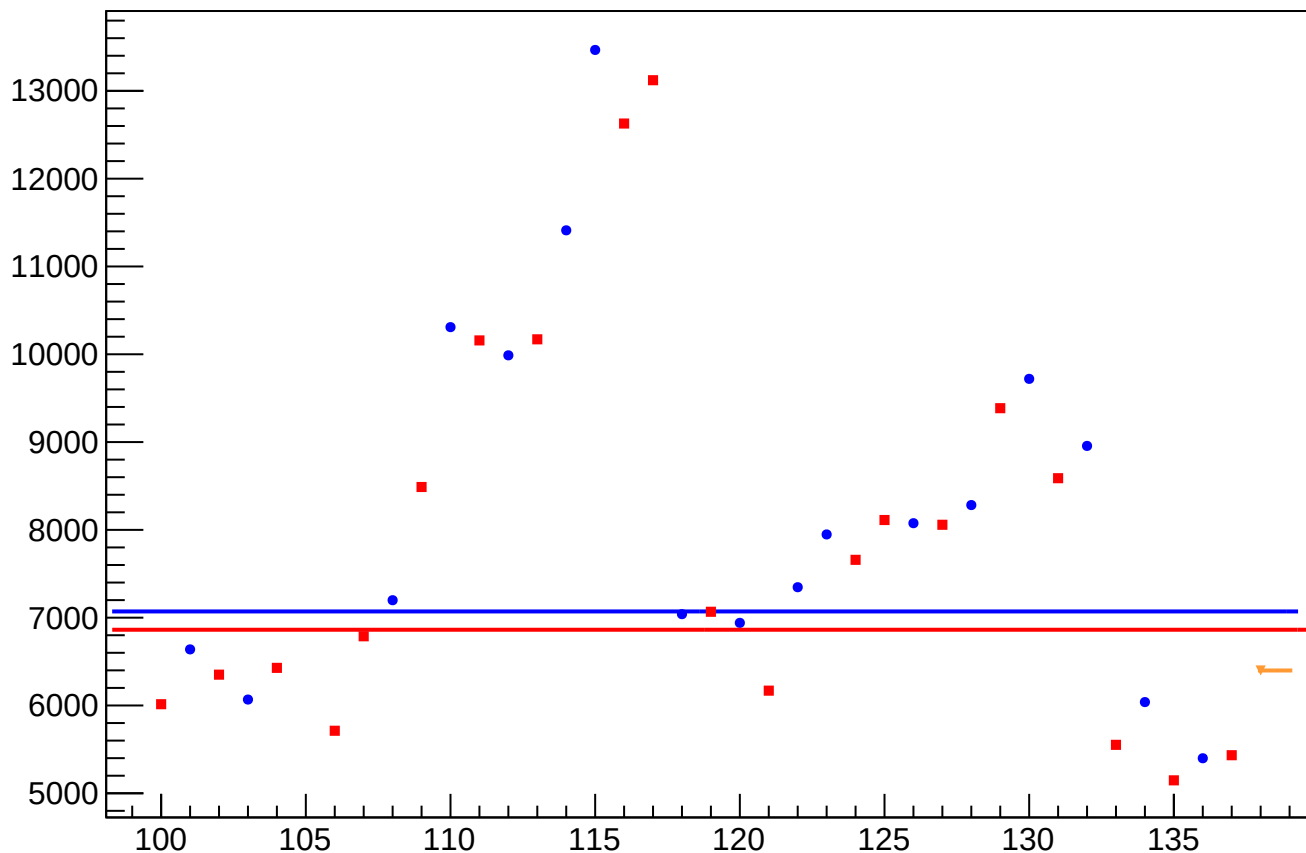
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.337+/-2.614 χ^2/NDF : 16.4/17

-2.877+/-1.857 χ^2/NDF : 37.1/37

-5.463+/-2.637 χ^2/NDF : 18.9/19

diff_bpm4eY_rms vs Slug, Sign Corrected



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

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

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

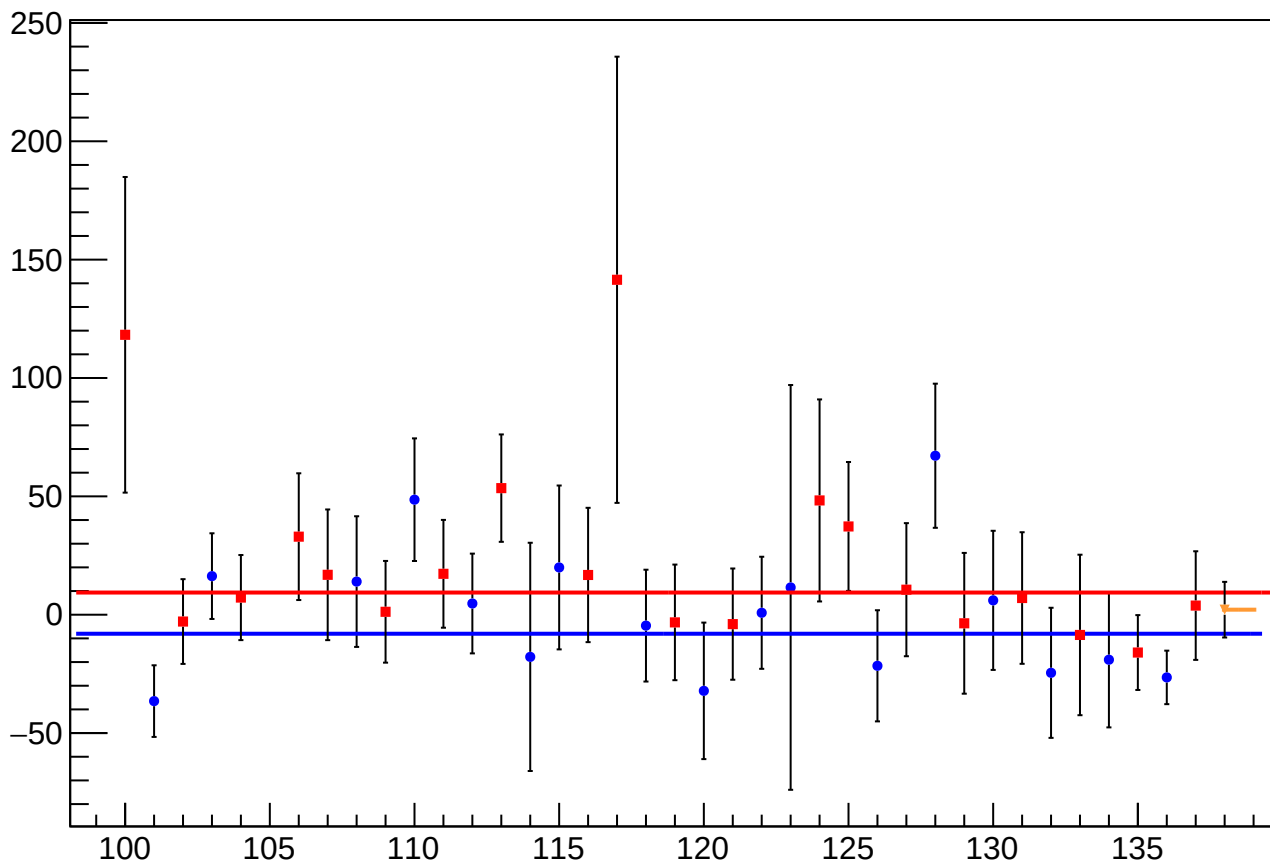
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6926.203+/-1.313 χ^2/NDF : 1321373.7/37

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

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -8.036 $\pm$ 5.497 χ^2 /NDF: 22.6/16

Left Out: 2.128 $\pm$ 11.749 χ^2 /NDF: 0.0/0

Right Out: 9.368 $\pm$ 5.556 χ^2 /NDF: 15.7/19

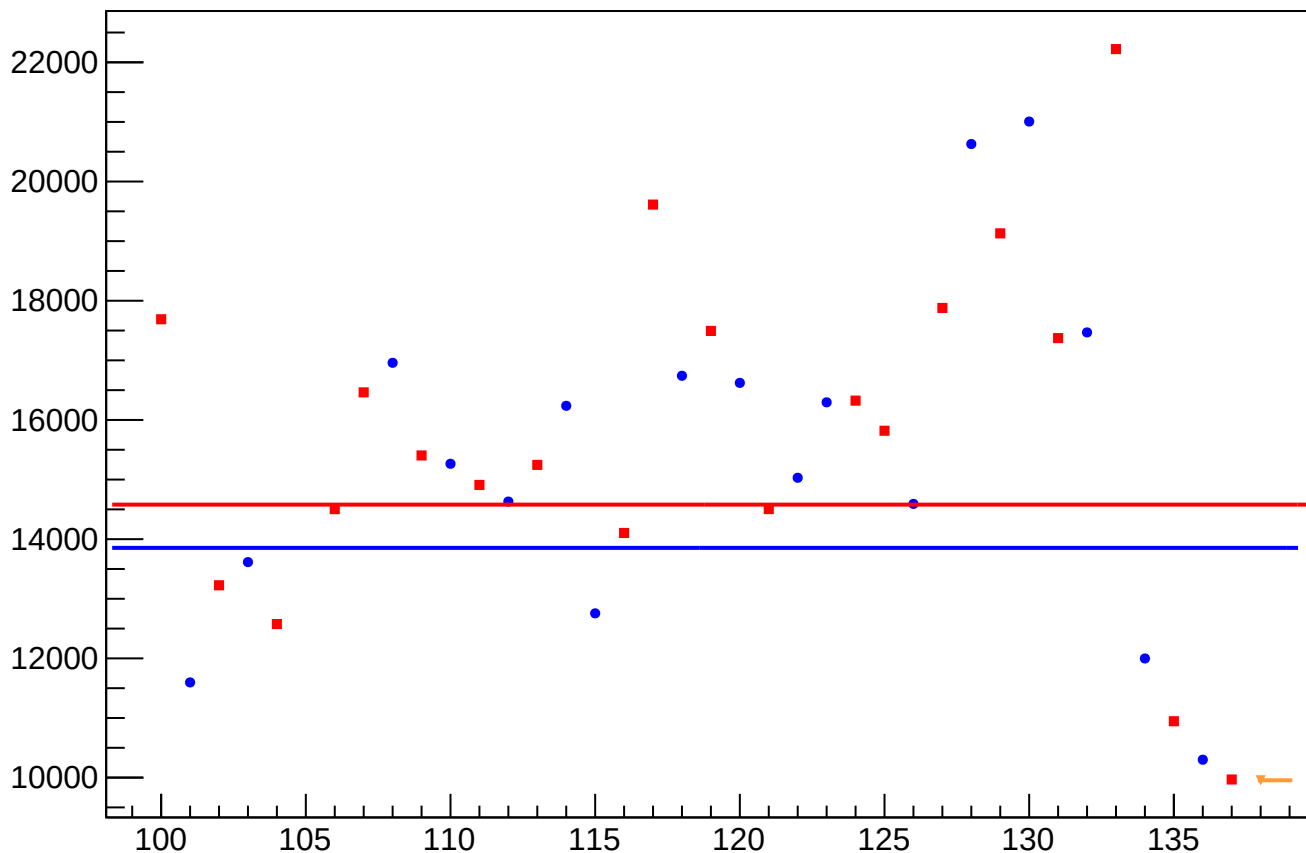
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.211 $\pm$ 4.979 χ^2 /NDF: 23.2/17

0.728 $\pm$ 3.708 χ^2 /NDF: 43.2/37

9.368 $\pm$ 5.556 χ^2 /NDF: 15.7/19

diff_bpm4acX_rms vs Slug, Sign Corrected



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

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

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

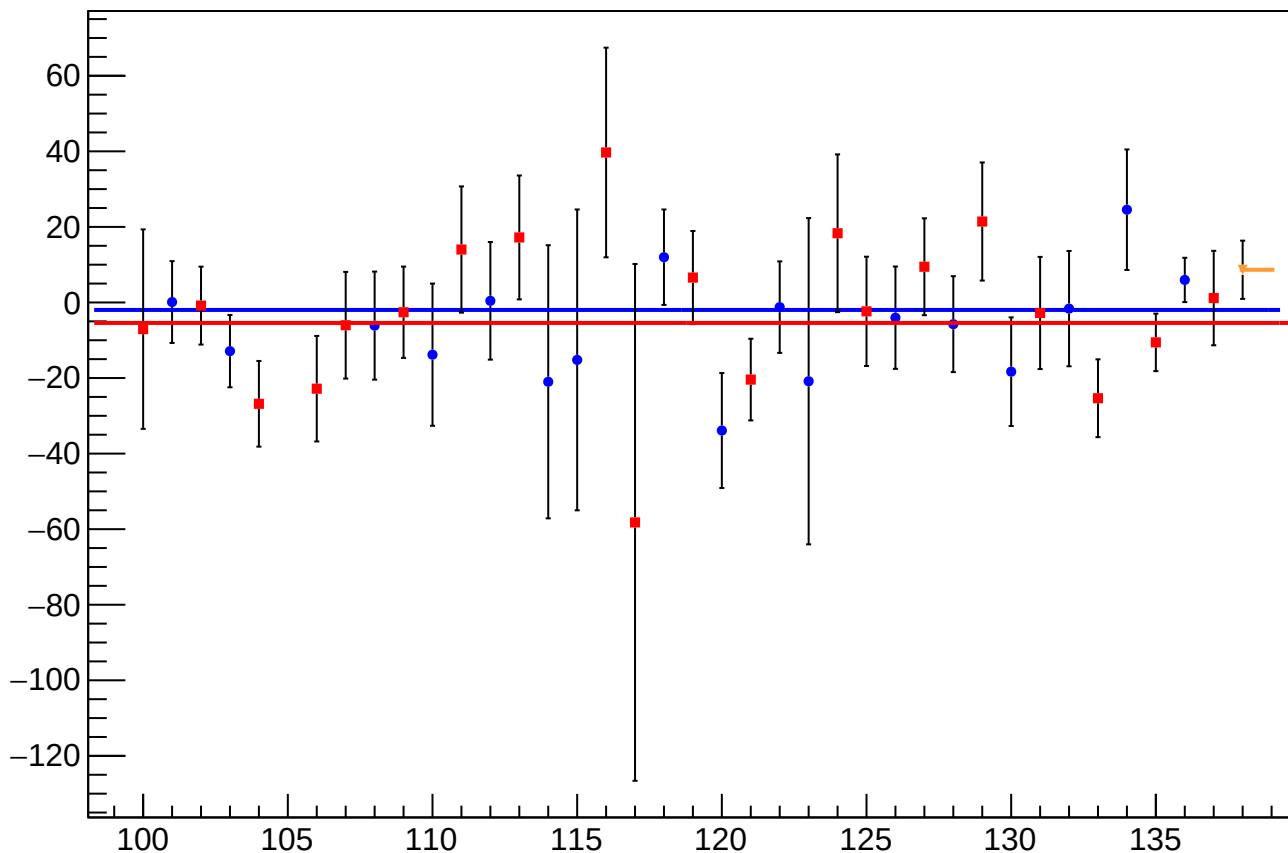
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13788.939+/-2.622 χ^2/NDF : 1334777.4/3

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

diff_bpm4acY_mean vs Slug, Sign Corrected



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

Left Out: 8.655+/-7.707 χ^2 /NDF:0.0/0

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

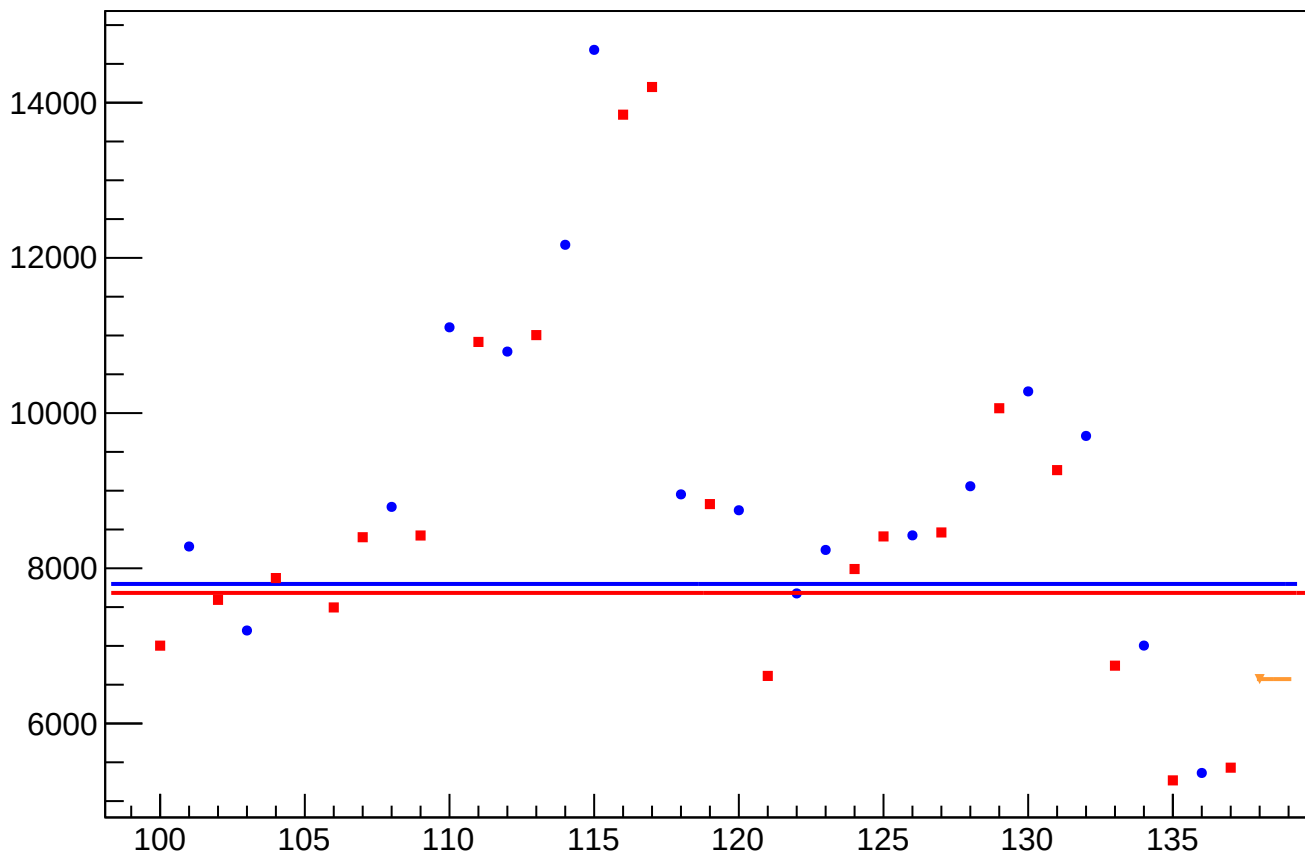
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.502+/-2.871 χ^2 /NDF: 15.7/17

-2.888+/-2.060 χ^2 /NDF: 42.0/37

-5.417+/-2.956 χ^2 /NDF: 24.9/19

diff_bpm4acY_rms vs Slug, Sign Corrected



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

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

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

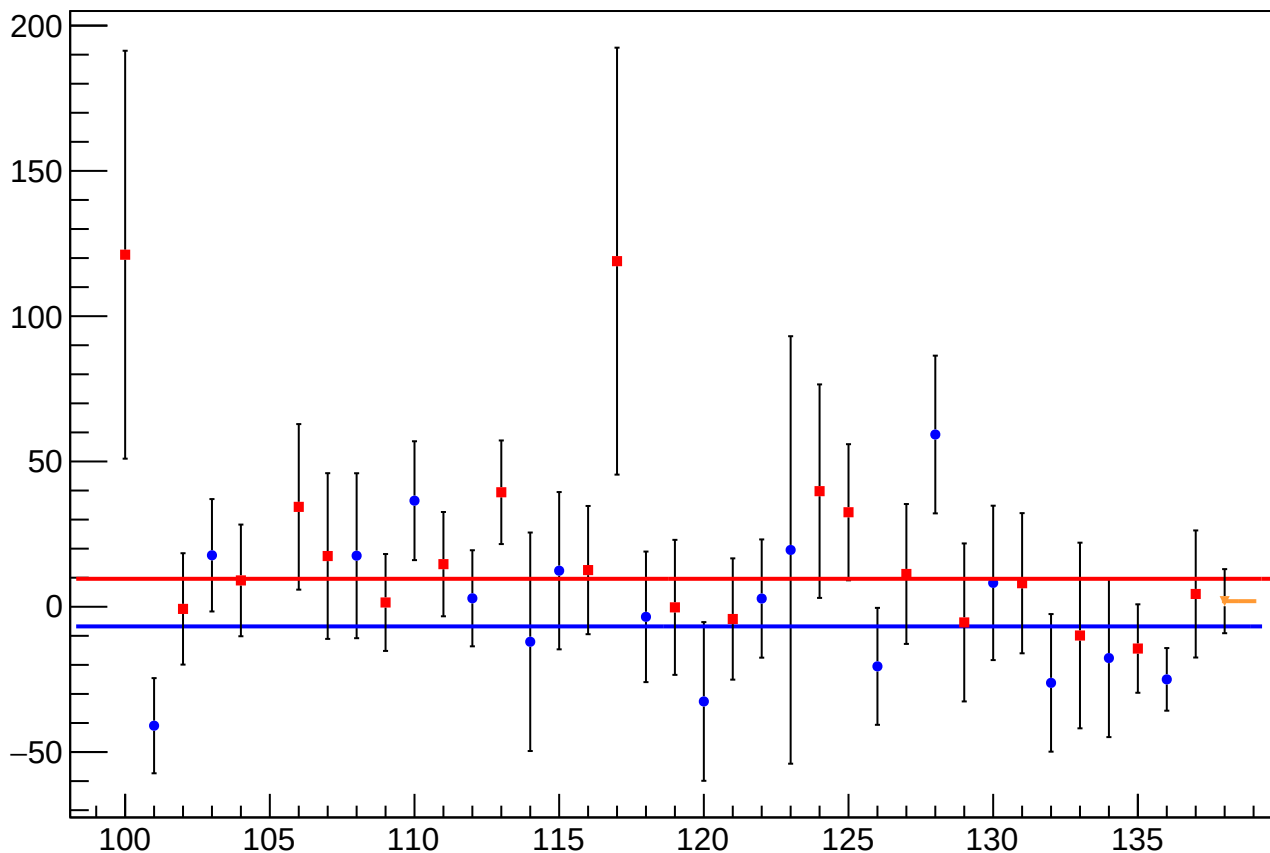
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7654.657+/-1.456 χ^2/NDF : 1471124.2/37

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

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

Left Out: 1.927 ± 11.028 χ^2/NDF : 0.0/0

Right Out: 9.622 ± 5.058 χ^2/NDF : 14.5/19

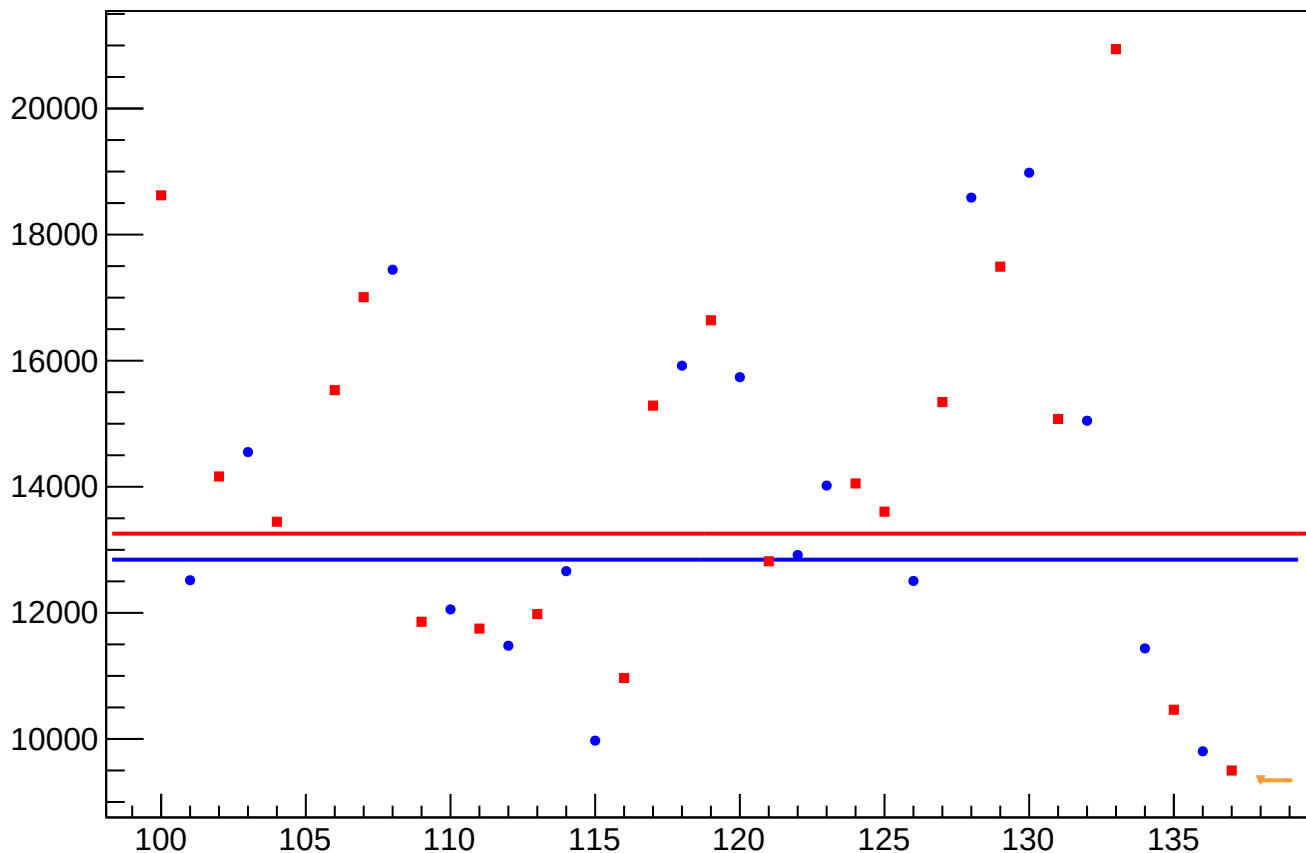
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.237 ± 4.617 χ^2/NDF : 24.2/17

1.517 ± 3.410 χ^2/NDF : 43.4/37

9.622 ± 5.058 χ^2/NDF : 14.5/19

diff_bpm4ecX_rms vs Slug, Sign Corrected



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

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

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

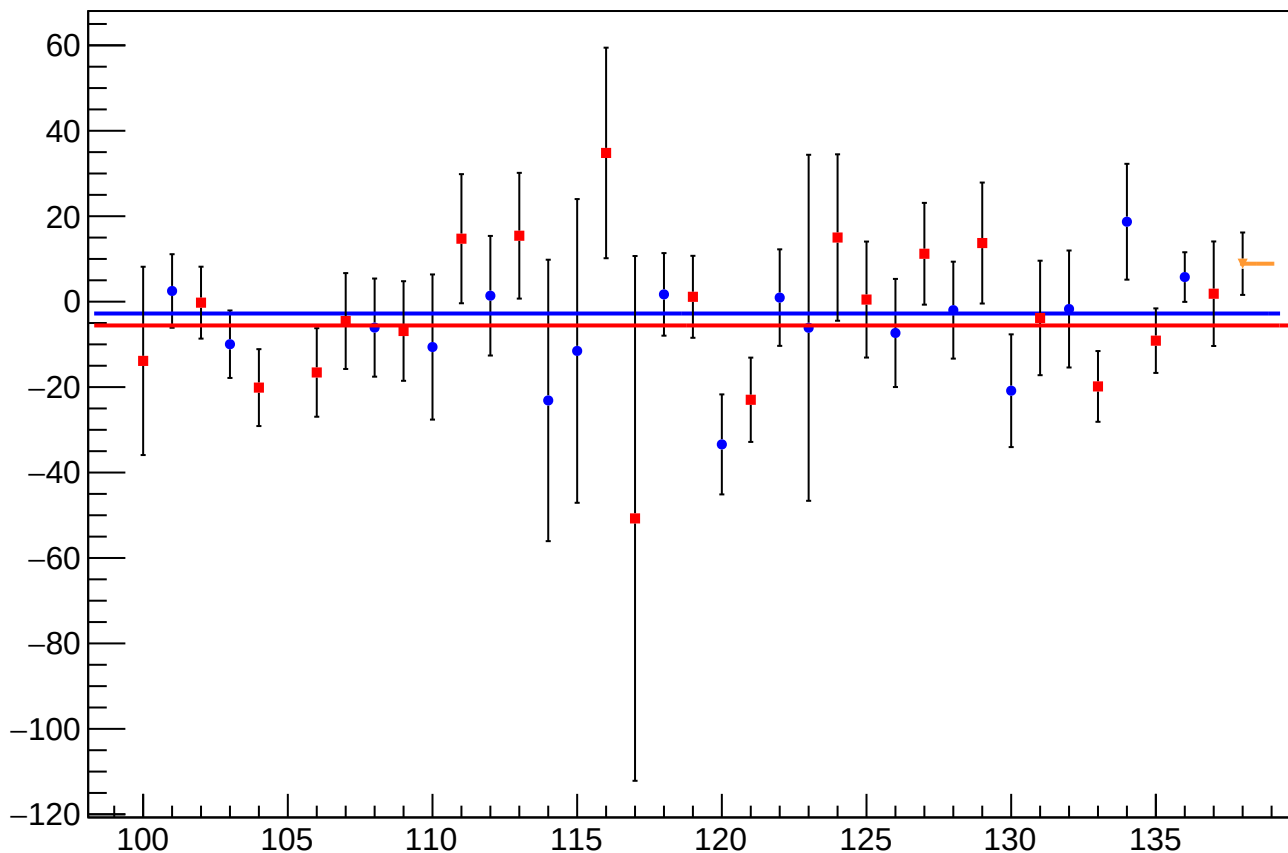
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

12697.104+/-2.411 χ^2/NDF : 1245364.3/3

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

diff_bpm4ecY_mean vs Slug, Sign Corrected



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

Left Out: 8.886+/-7.303 χ^2 /NDF: 0.0/0

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

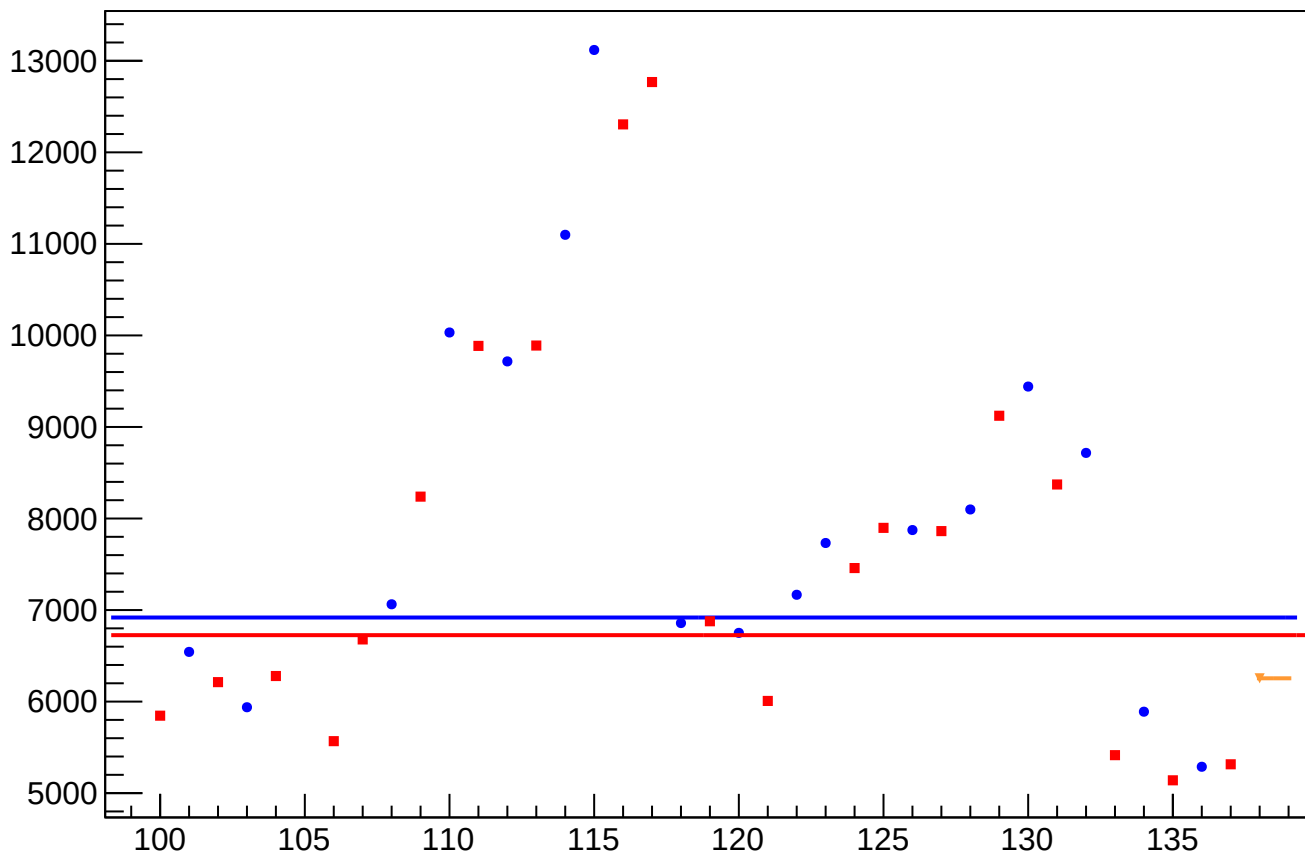
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.343+/-2.559 χ^2 /NDF: 18.1/17

-3.435+/-1.818 χ^2 /NDF: 43.2/37

-5.571+/-2.585 χ^2 /NDF: 23.7/19

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

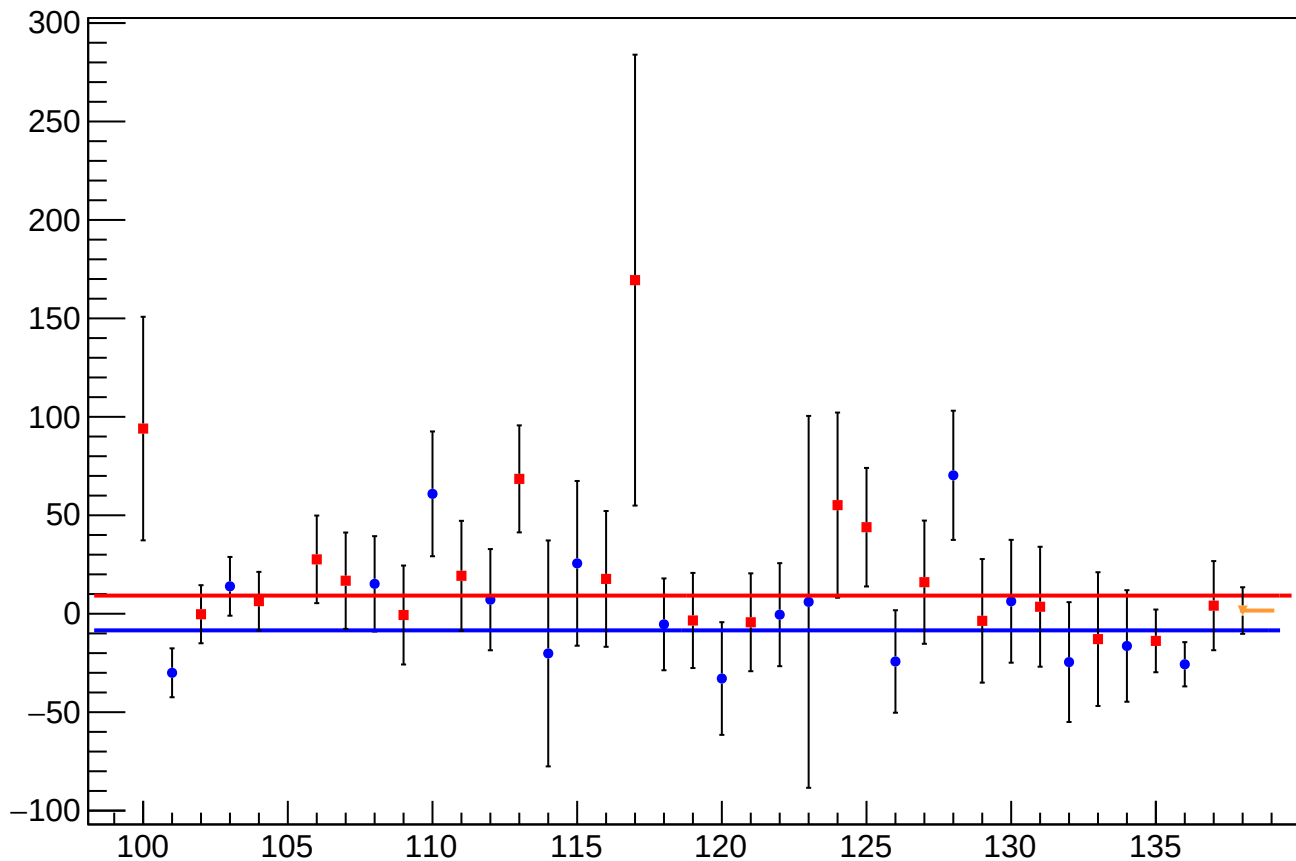
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

6781.935+/-1.286 χ^2/NDF : 1278816.2/37

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

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -8.448 $\pm$ 5.393 χ^2 /NDF: 22.0/16

Left Out: 1.620 $\pm$ 11.831 χ^2 /NDF: 0.0/0

Right Out: 9.224 $\pm$ 5.502 χ^2 /NDF: 16.2/19

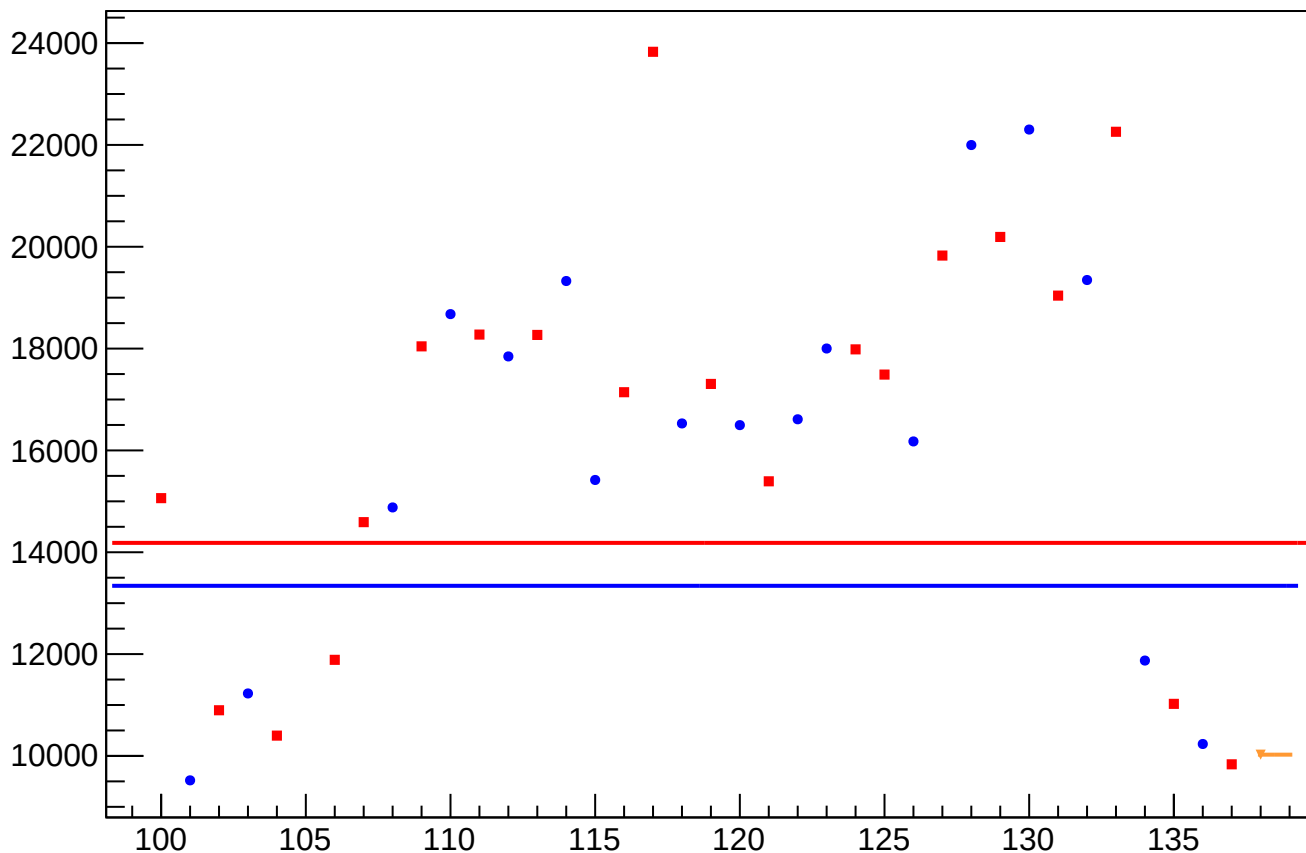
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.716 $\pm$ 4.907 χ^2 /NDF: 22.6/17

0.346 $\pm$ 3.662 χ^2 /NDF: 43.5/37

9.224 $\pm$ 5.502 χ^2 /NDF: 16.2/19

diff_bpm1X_rms vs Slug, Sign Corrected



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

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

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

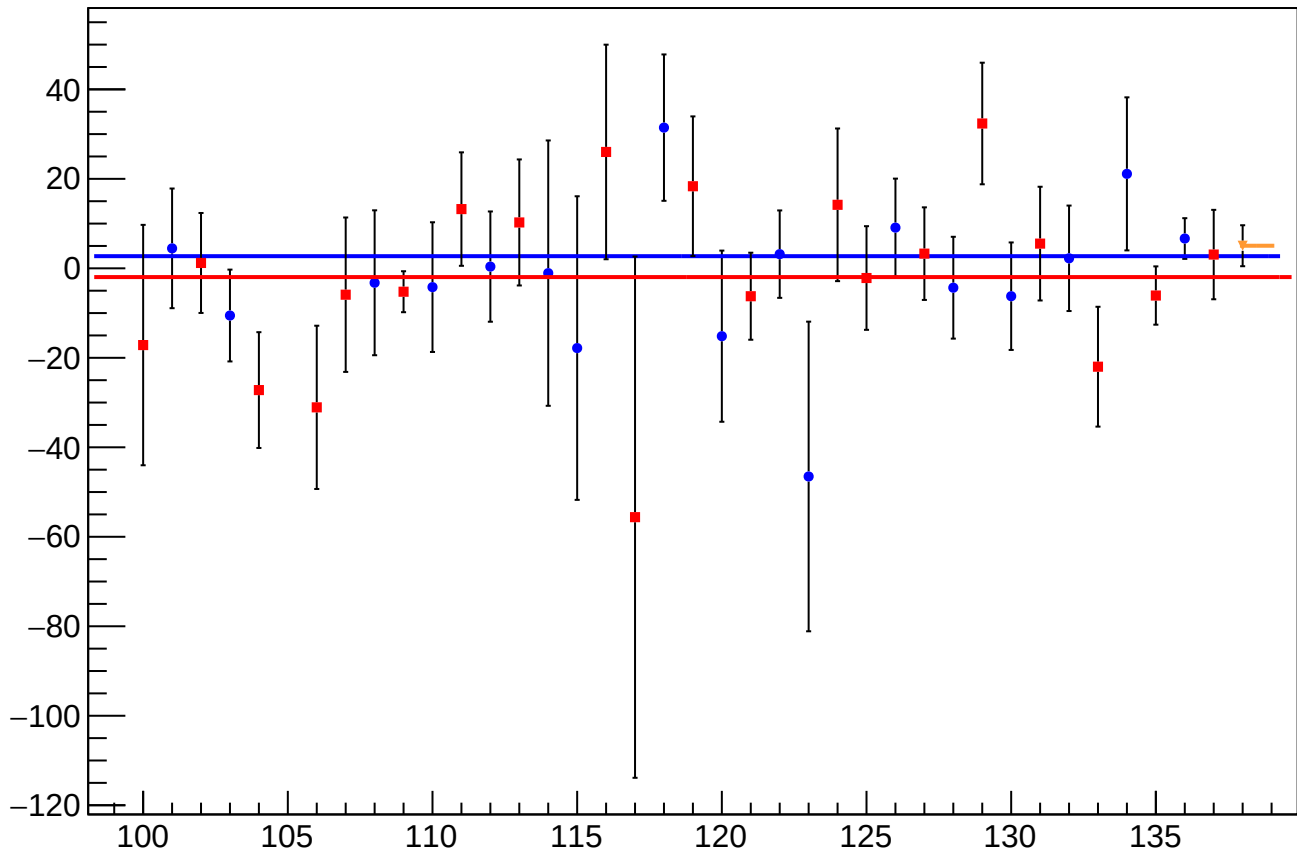
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13396.783+/-2.590 χ^2/NDF : 2194216.0/3

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

diff_bpm1Y_mean vs Slug, Sign Corrected



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

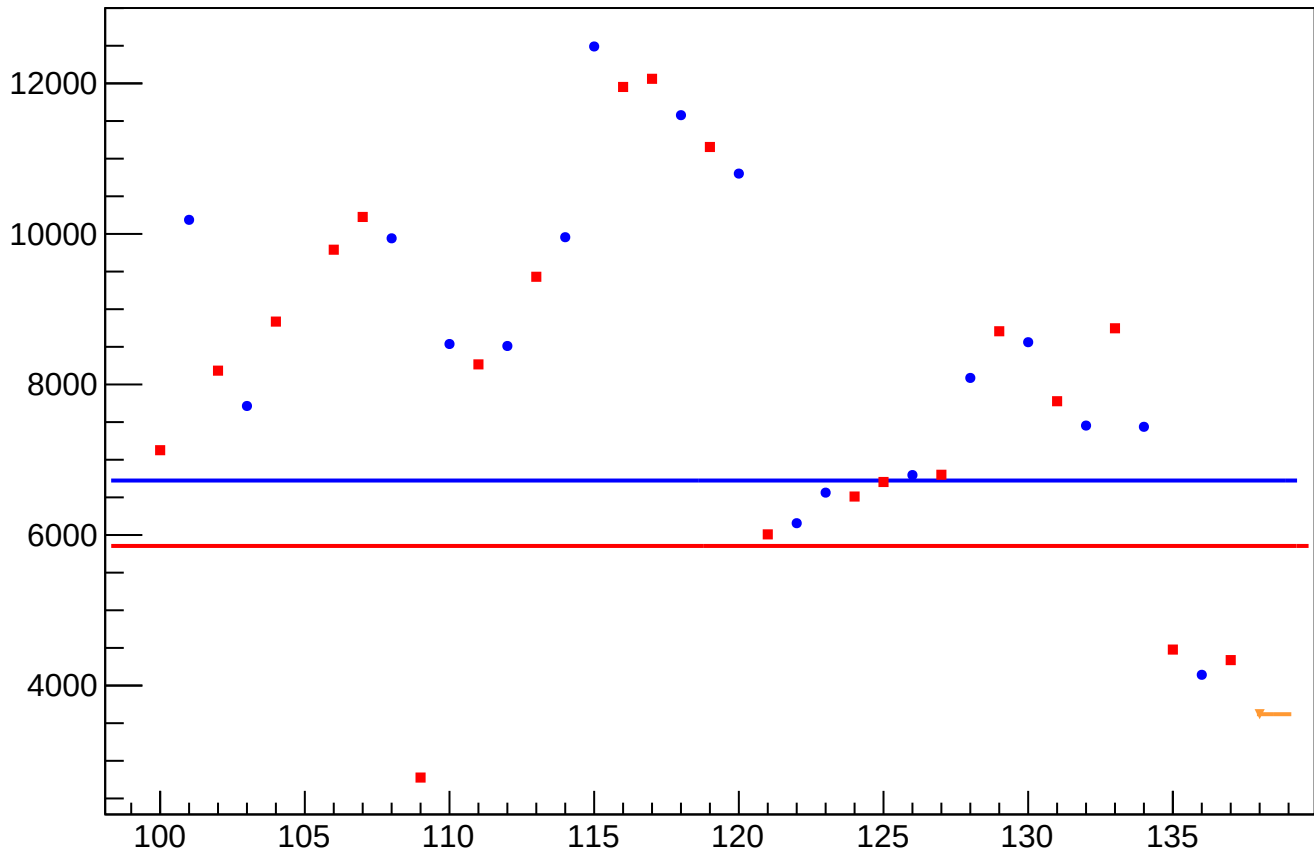
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.336 $\pm$ 2.359 χ^2 /NDF: 11.8/17

0.776 $\pm$ 1.695 χ^2 /NDF: 38.6/37

-1.955 $\pm$ 2.437 χ^2 /NDF: 24.4/19

diff_bpm1Y_rms vs Slug, Sign Corrected



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

Left Out: 3619.430+/-3.238 χ^2/NDF : 0.0/0

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

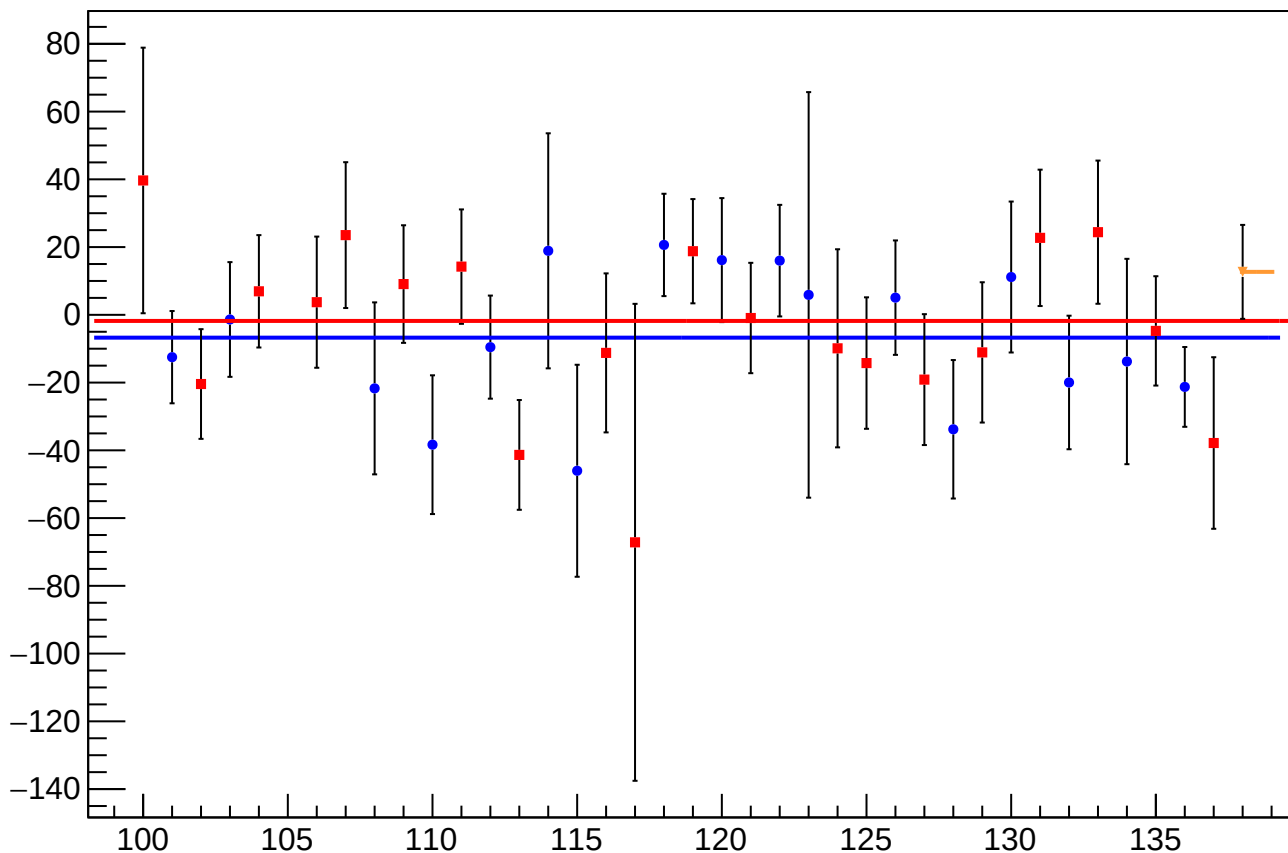
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

5878.209+/-1.198 χ^2/NDF : 4367594.8/37

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

diff_bpm11X_mean vs Slug, Sign Corrected



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

Left Out: 12.685+/-13.865 χ^2 /NDF: 0.0/0

Right Out: -1.802+/-4.364 χ^2 /NDF: 20.8/19

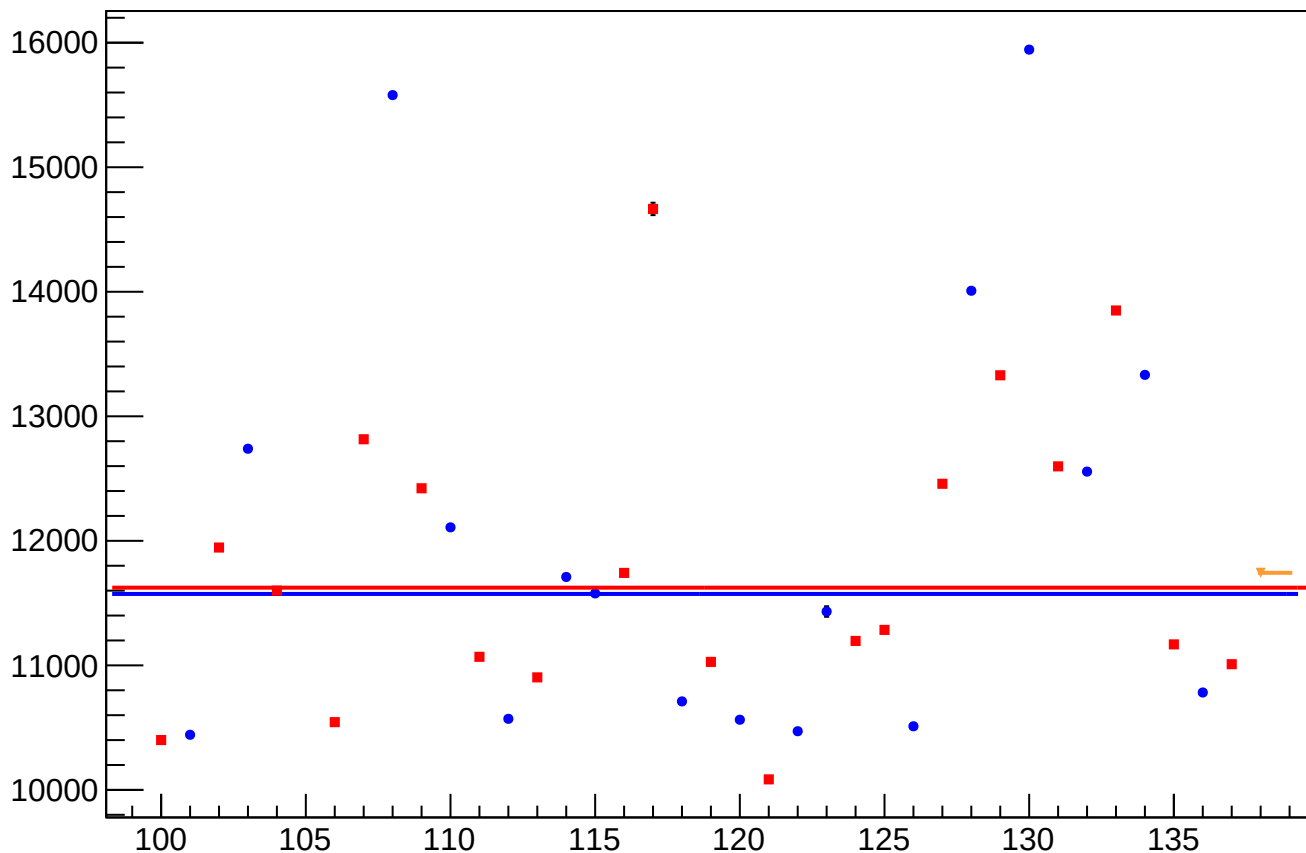
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.876+/-4.291 χ^2 /NDF: 18.6/17

-3.365+/-3.060 χ^2 /NDF: 39.7/37

-1.802+/-4.364 χ^2 /NDF: 20.8/19

diff_bpm11X_rms vs Slug, Sign Corrected



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

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

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

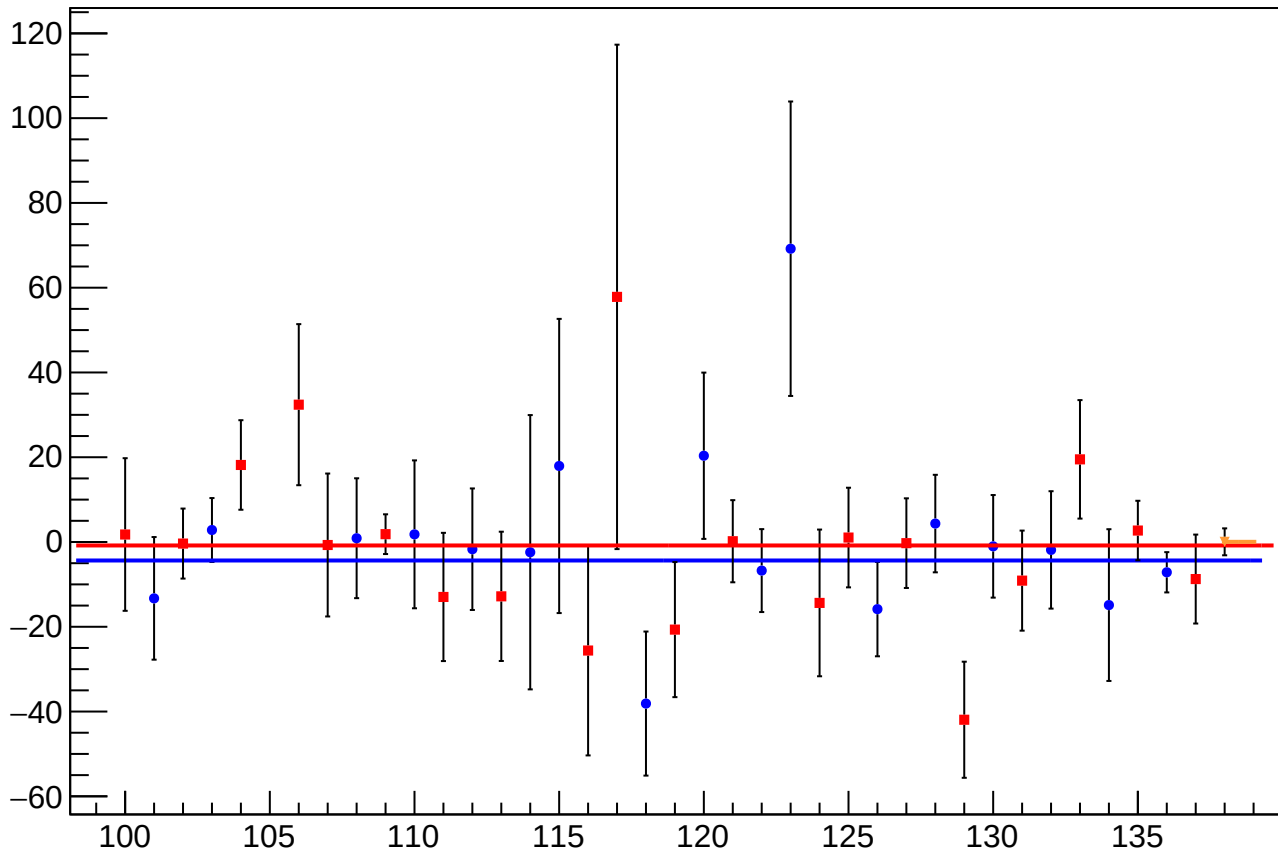
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

11606.566+/-2.164 χ^2/NDF : 337123.3/37

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

diff_bpm11Y_mean vs Slug, Sign Corrected



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

Left Out: 0.042 ± 3.177 χ^2/NDF : 0.0/0

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

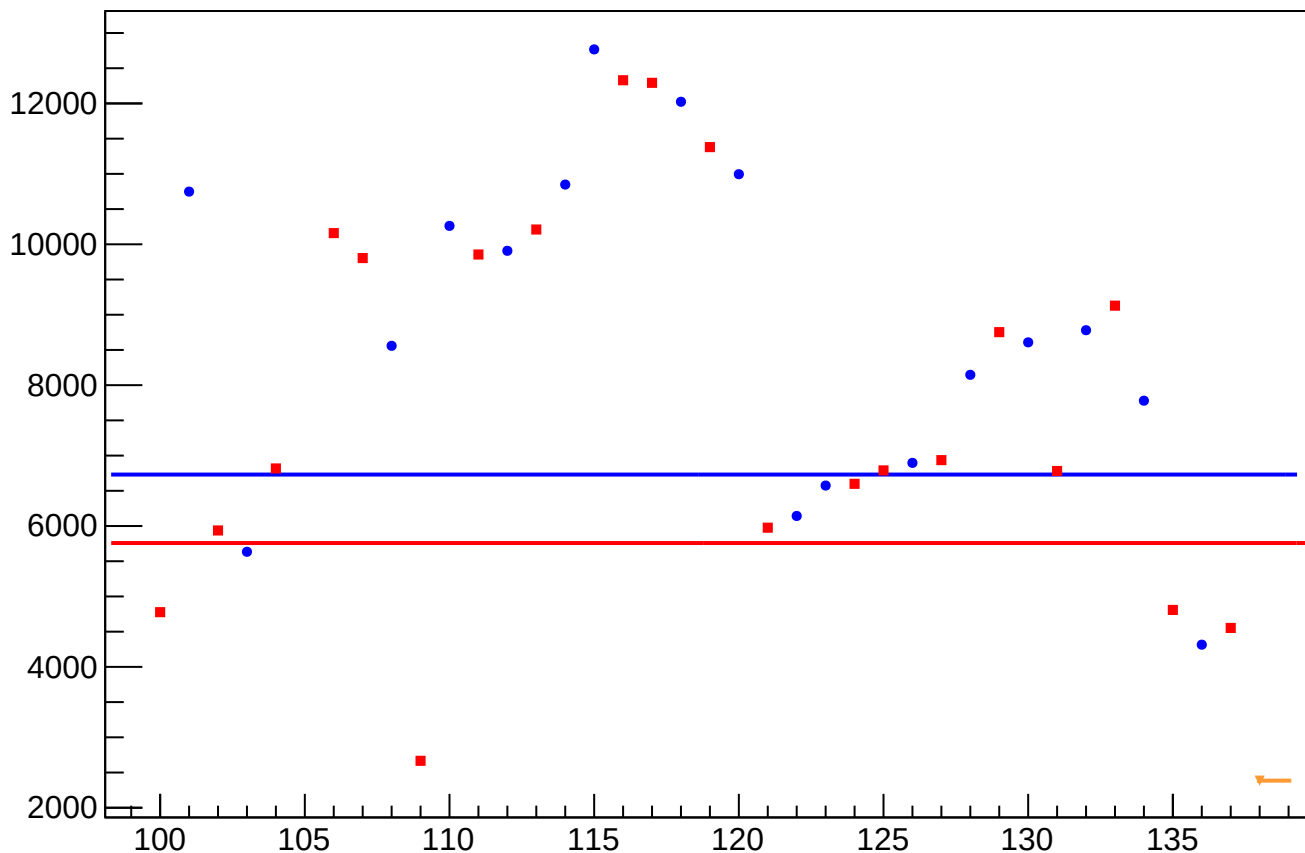
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.455 ± 2.091 χ^2/NDF : 15.6/17

-1.756 ± 1.583 χ^2/NDF : 40.4/37

-0.816 ± 2.424 χ^2/NDF : 24.5/19

diff_bpm11Y_rms vs Slug, Sign Corrected



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

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

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

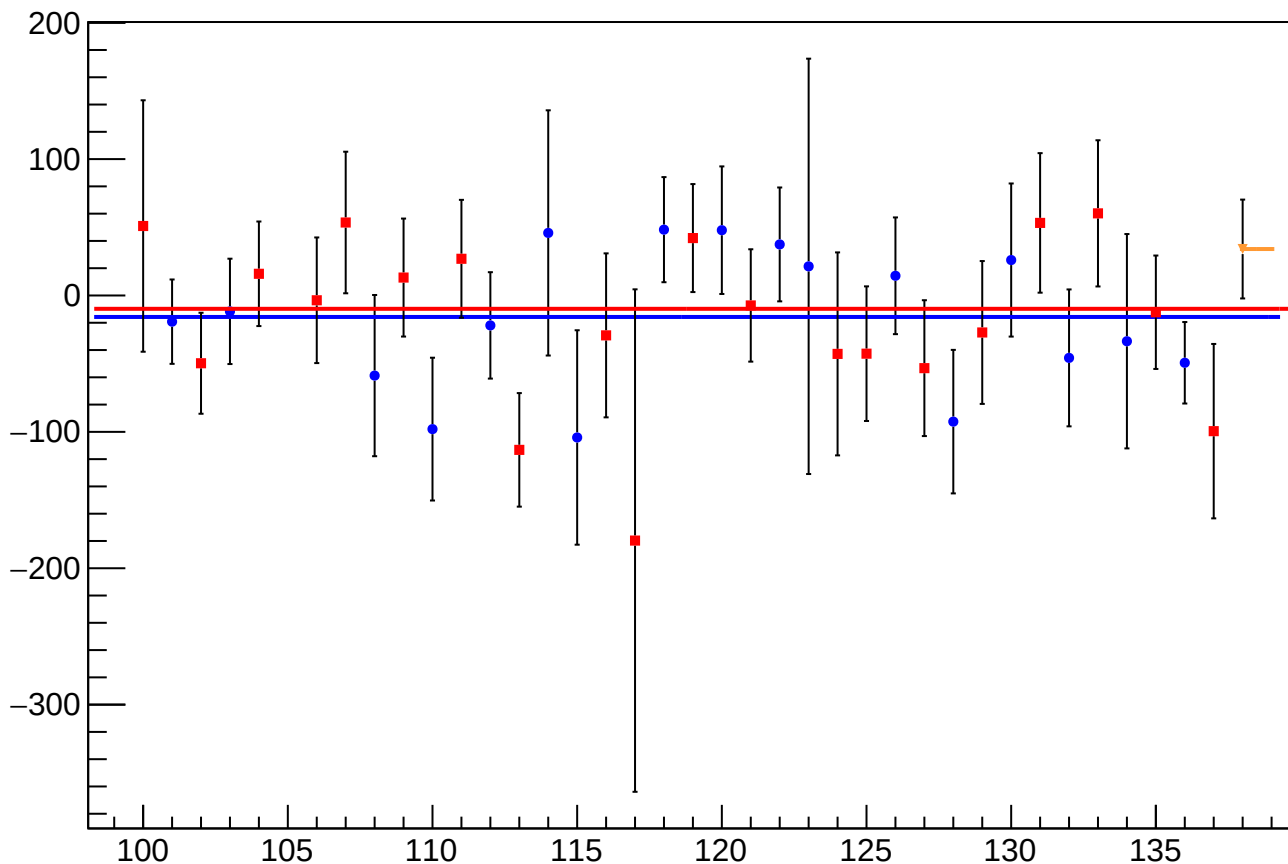
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

5237.123+/-1.119 χ^2/NDF : 5914606.9/37

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

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left Out: 34.062 $\pm$ 36.240 χ^2 /NDF: 0.0/0

Right Out: -9.773 $\pm$ 10.870 χ^2 /NDF: 20.1/19

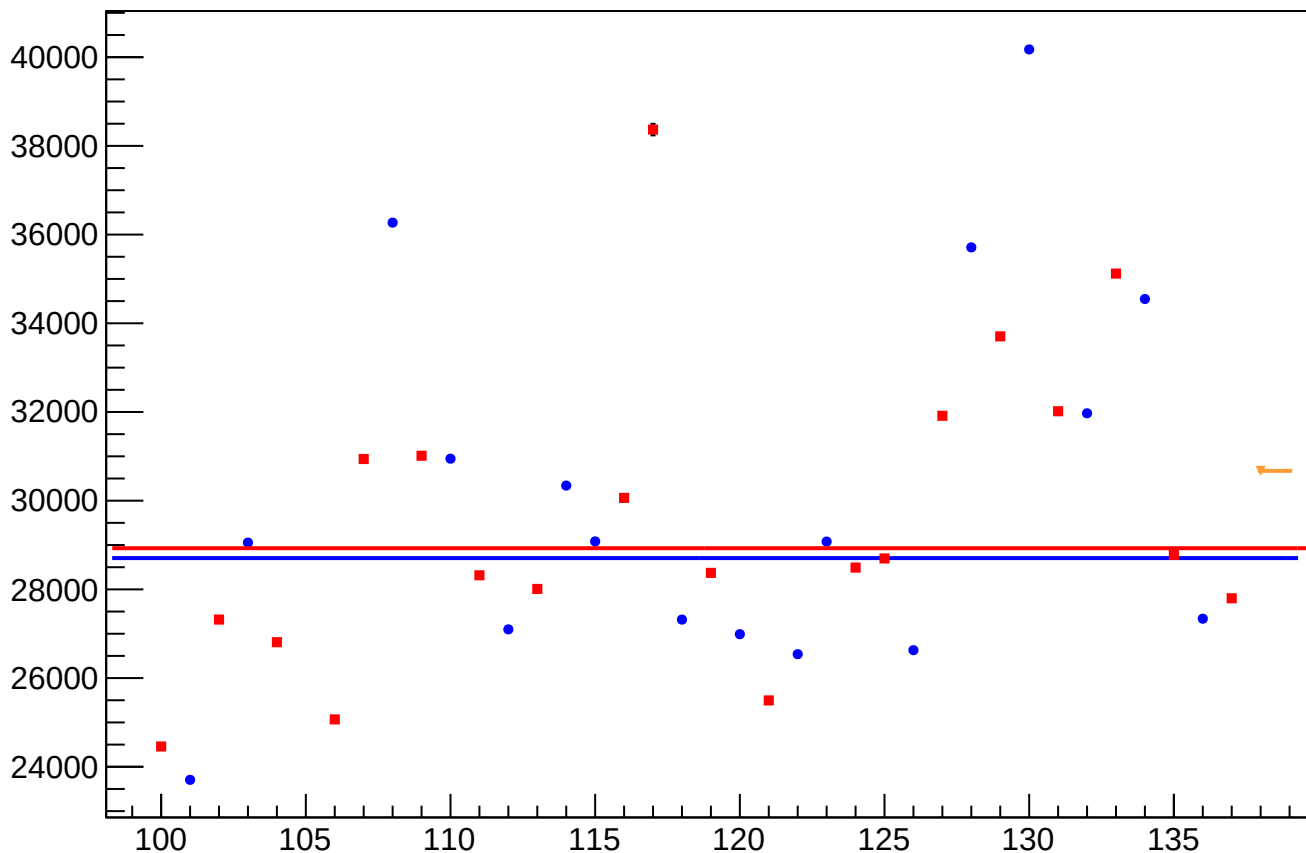
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.402 $\pm$ 10.707 χ^2 /NDF: 17.6/17

-10.600 $\pm$ 7.628 χ^2 /NDF: 37.8/37

-9.773 $\pm$ 10.870 χ^2 /NDF: 20.1/19

diff_bpm12X_rms vs Slug, Sign Corrected



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

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

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

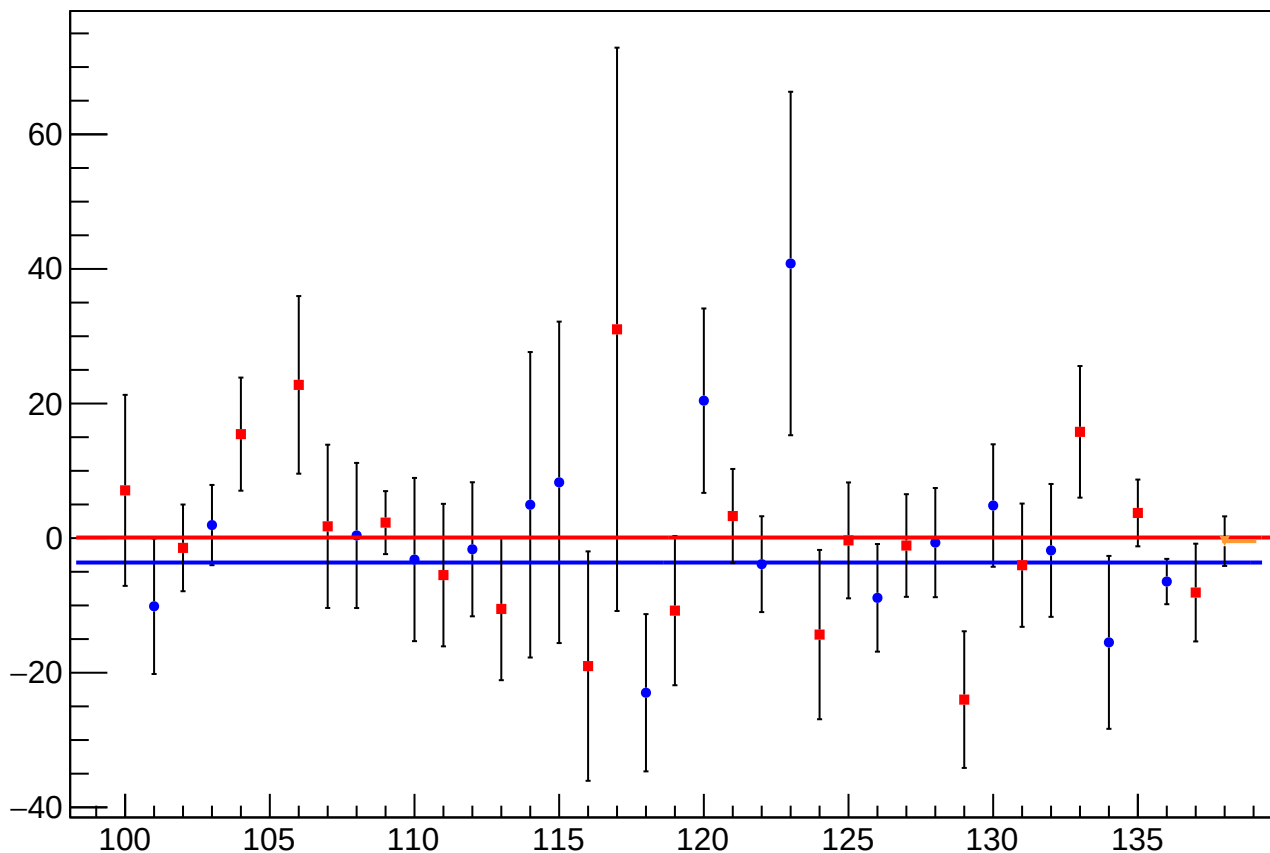
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

28902.502+/-5.394 χ^2/NDF : 372874.4/37

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

diff_bpm12Y_mean vs Slug, Sign Corrected



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

Left Out: -0.446+/-3.685 χ^2 /NDF: 0.0/0

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

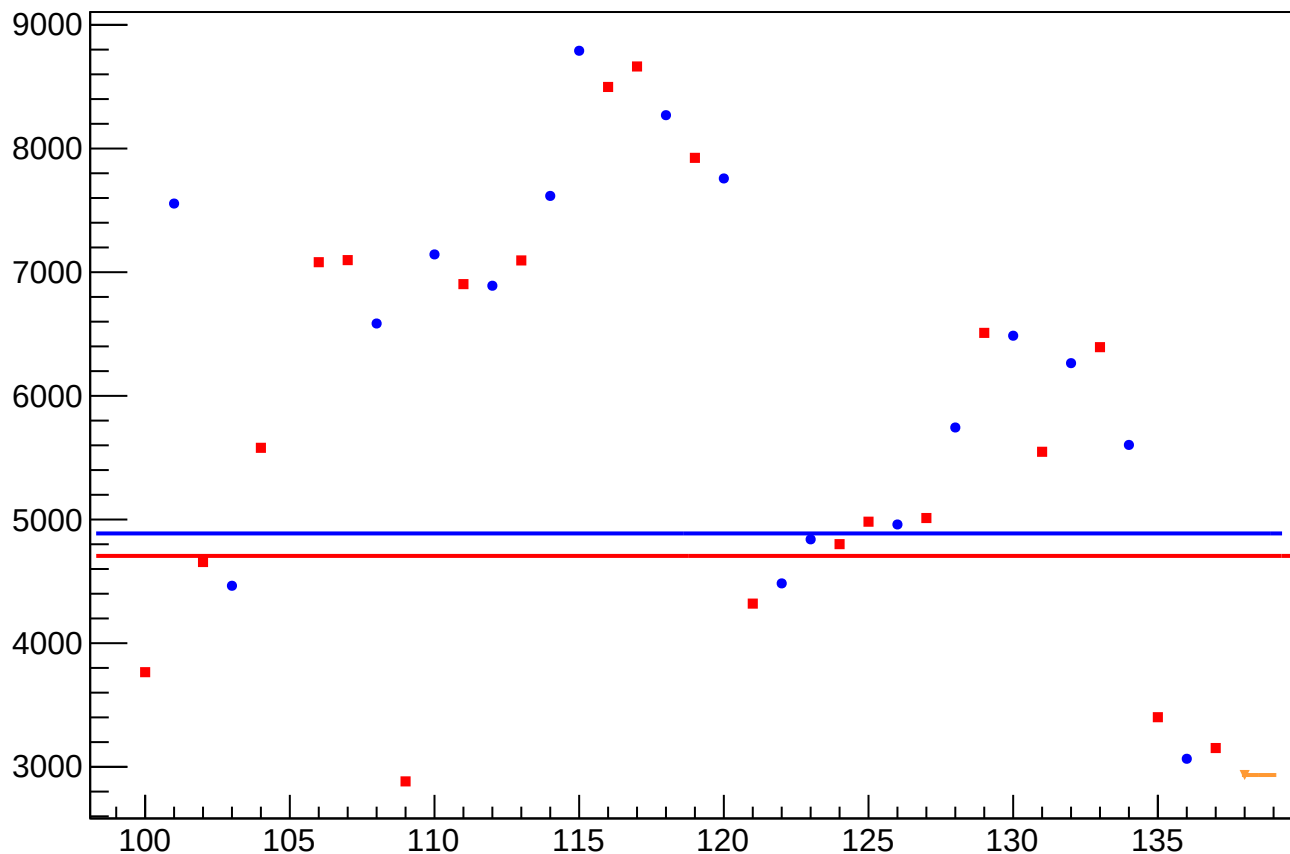
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2.898+/-1.762 χ^2 /NDF: 14.3/17

-1.507+/-1.288 χ^2 /NDF: 38.3/37

0.090+/-1.888 χ^2 /NDF: 22.6/19

diff_bpm12Y_rms vs Slug, Sign Corrected



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

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

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

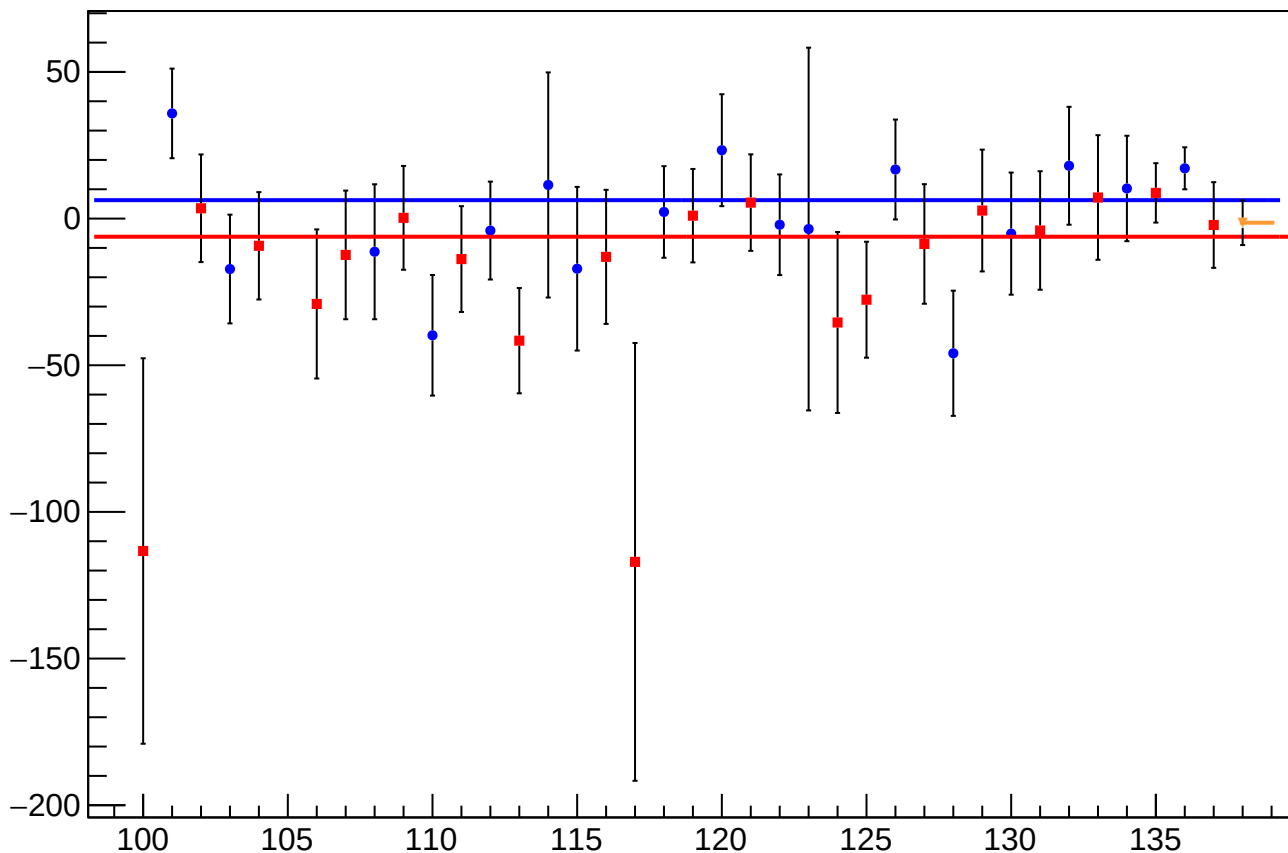
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4564.174+/-0.911 χ^2/NDF : 3195066.2/37

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

diff_bpm16X_mean vs Slug, Sign Corrected



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

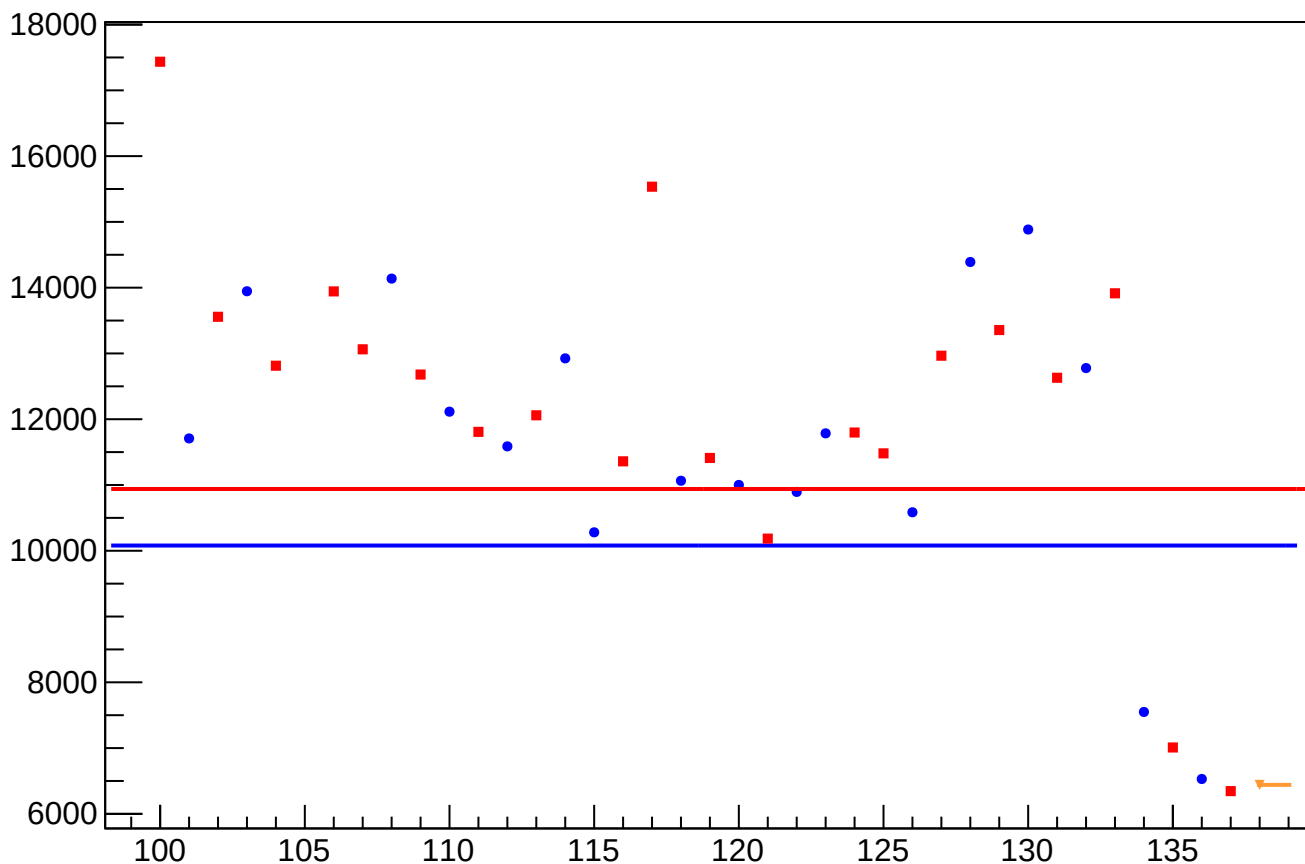
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.578+/-3.585 χ^2/NDF : 23.3/17

0.058+/-2.730 χ^2/NDF : 43.1/37

-6.182+/-4.212 χ^2/NDF : 16.0/19

diff_bpm16X_rms vs Slug, Sign Corrected



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

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

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

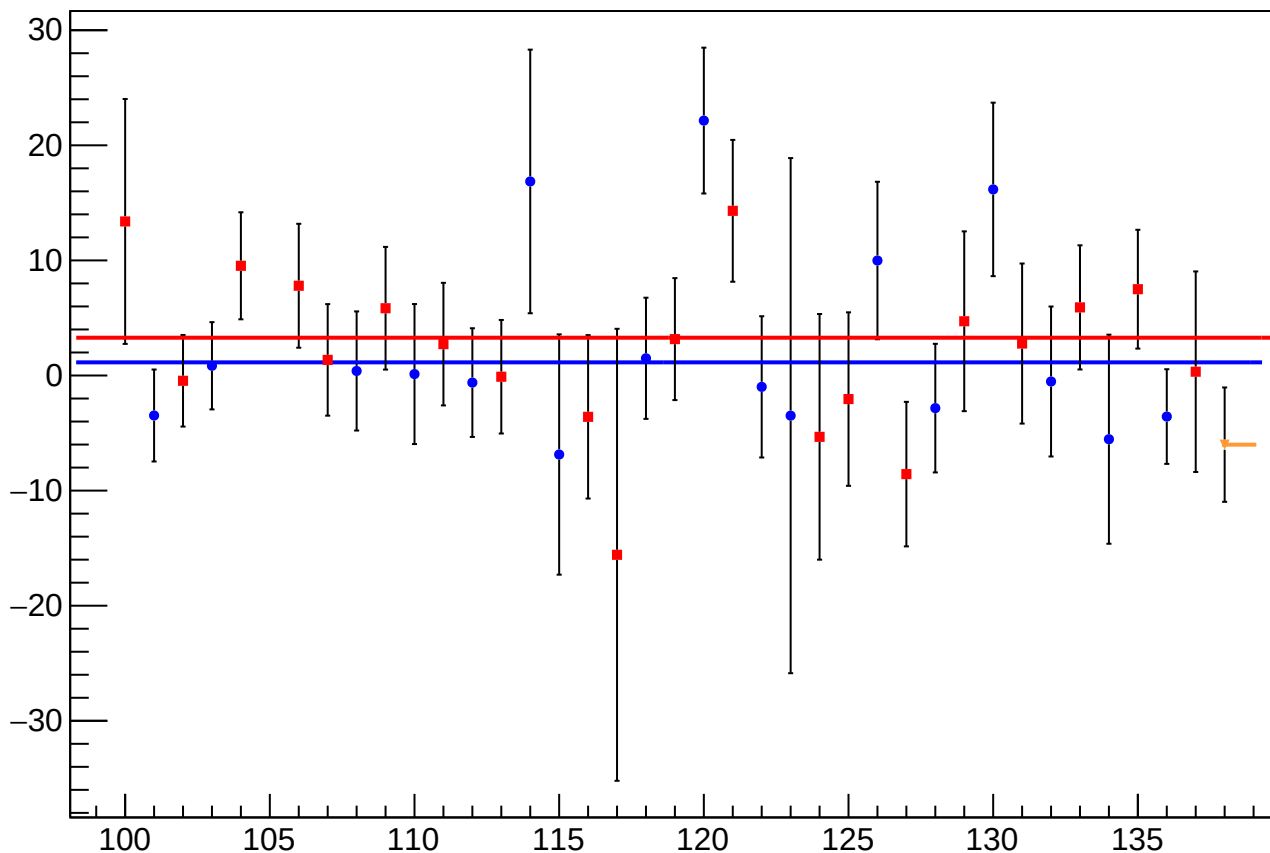
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

9972.825+/-1.931 χ^2/NDF : 2307758.2/37

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

diff_bpm16Y_mean vs Slug, Sign Corrected



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

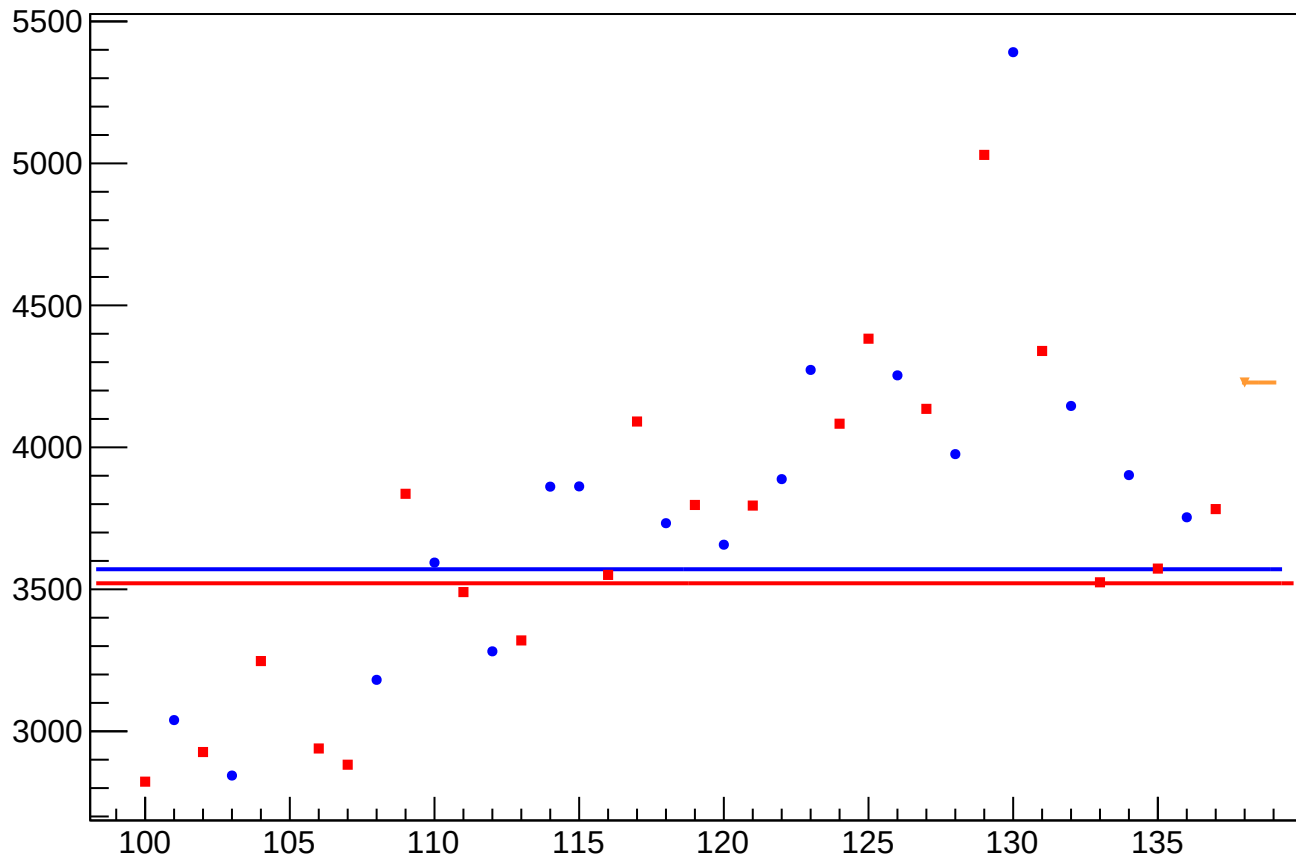
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.620 $\pm$ 1.343 χ^2 /NDF: 25.2/17

1.965 $\pm$ 0.945 χ^2 /NDF: 43.1/37

3.284 $\pm$ 1.330 χ^2 /NDF: 16.0/19

diff_bpm16Y_rms vs Slug, Sign Corrected



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

Left Out: 4228.357 $\pm$ 3.512 χ^2 /NDF: 0.0/0

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

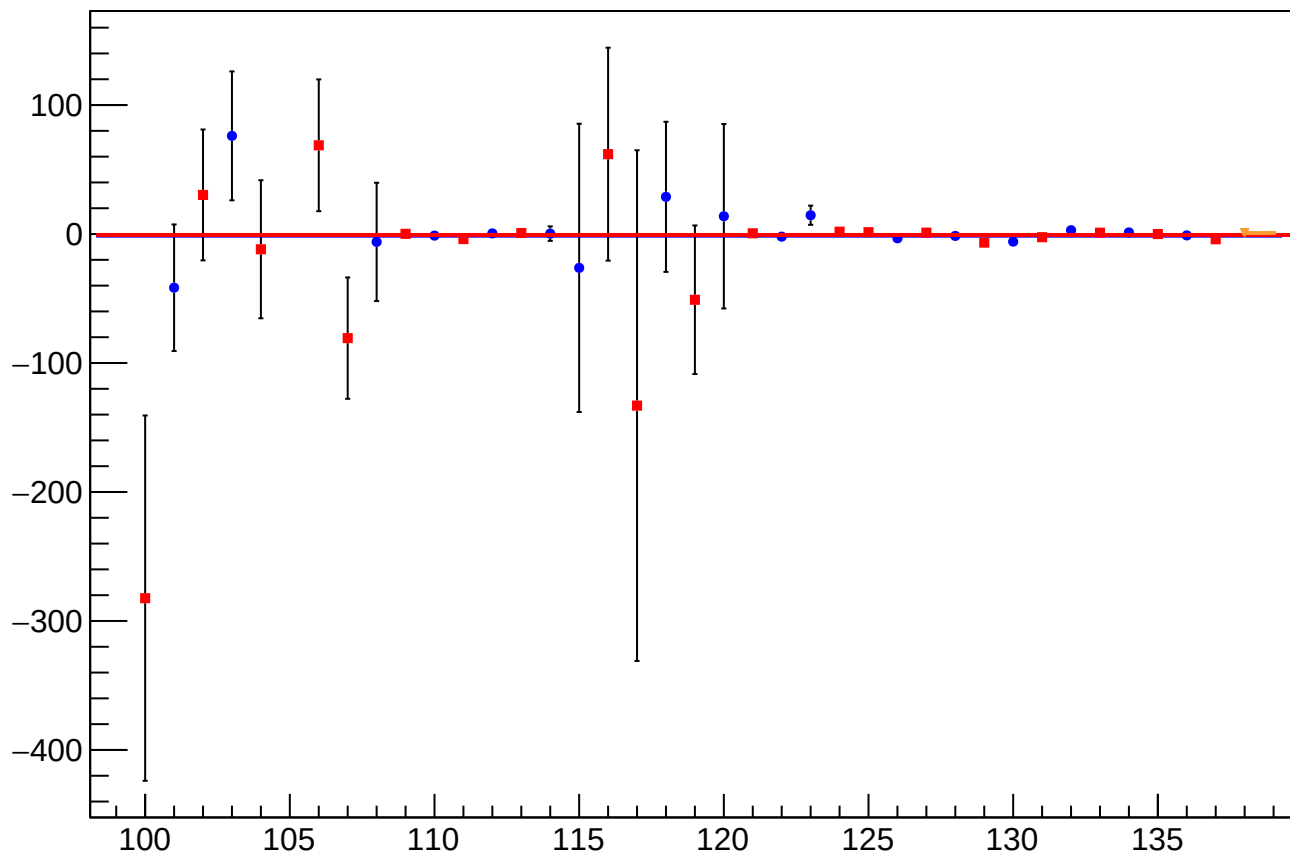
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

3569.544 $\pm$ 0.668 χ^2 /NDF: 642308.3/37

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

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

Left Out: 0.760 ± 1.395 χ^2/NDF : 0.0/0

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

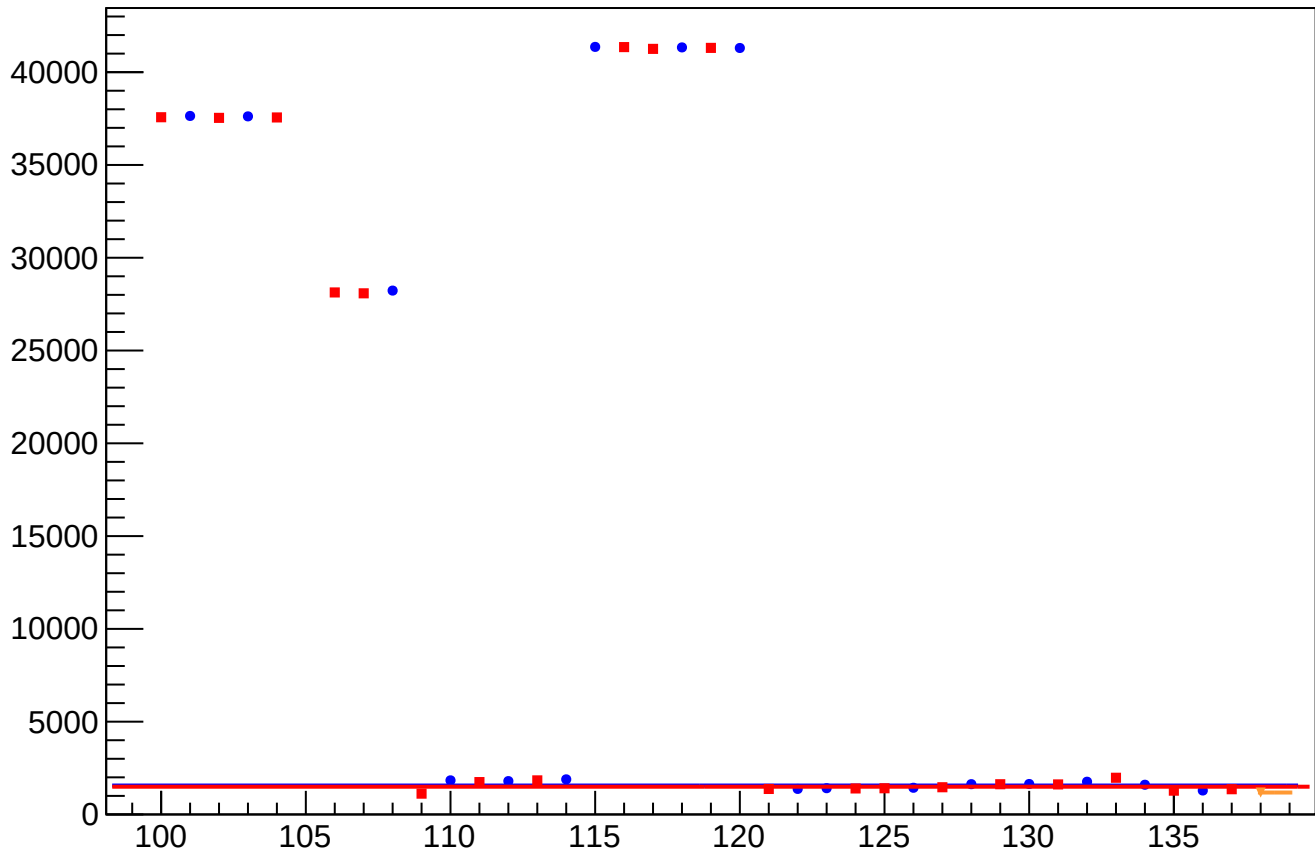
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.810 ± 0.659 χ^2/NDF : 17.9/17

-0.775 ± 0.483 χ^2/NDF : 40.4/37

-0.735 ± 0.710 χ^2/NDF : 22.5/19

diff_bpm1p02bX_rms vs Slug, Sign Corrected



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

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

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

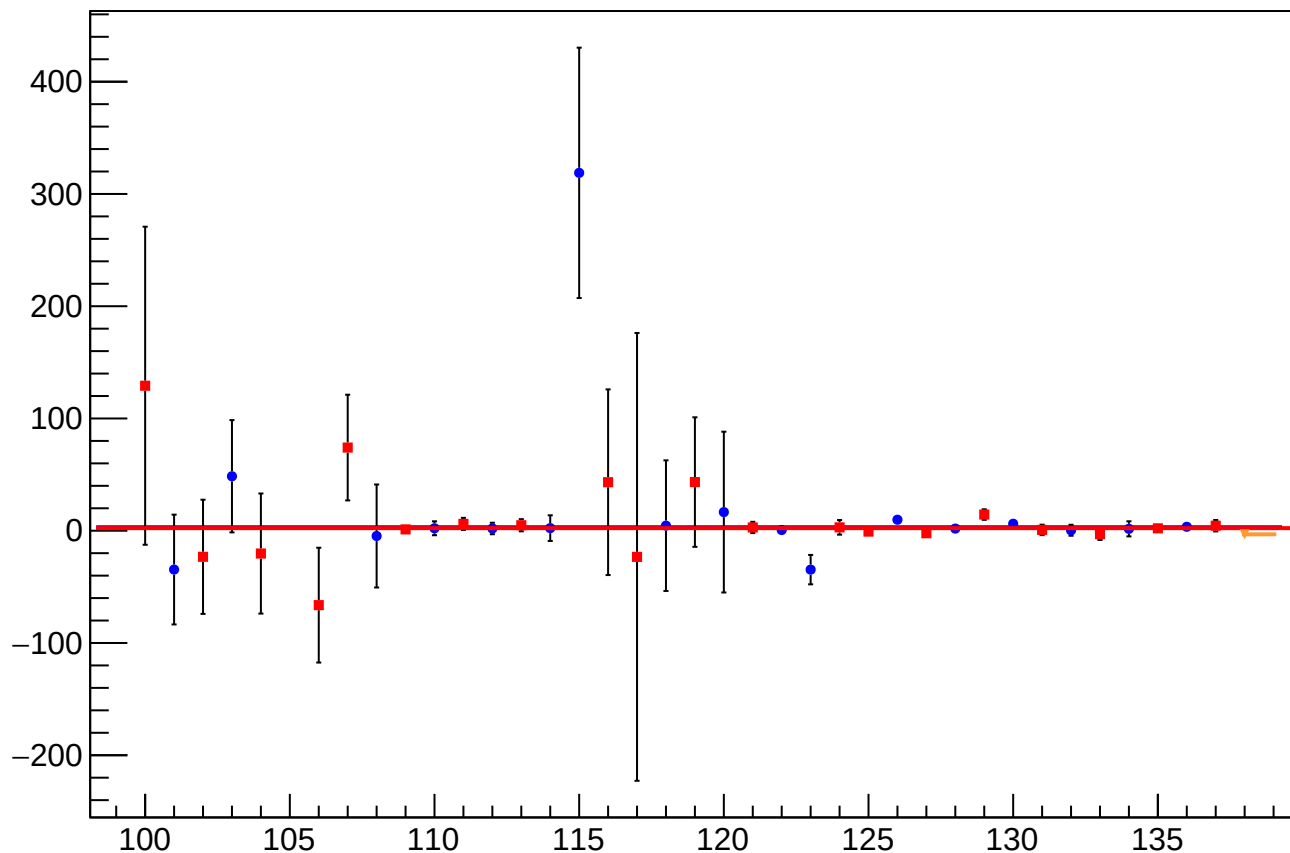
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1484.221+/-0.342 χ^2/NDF : 9841636.0/37

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



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

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

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

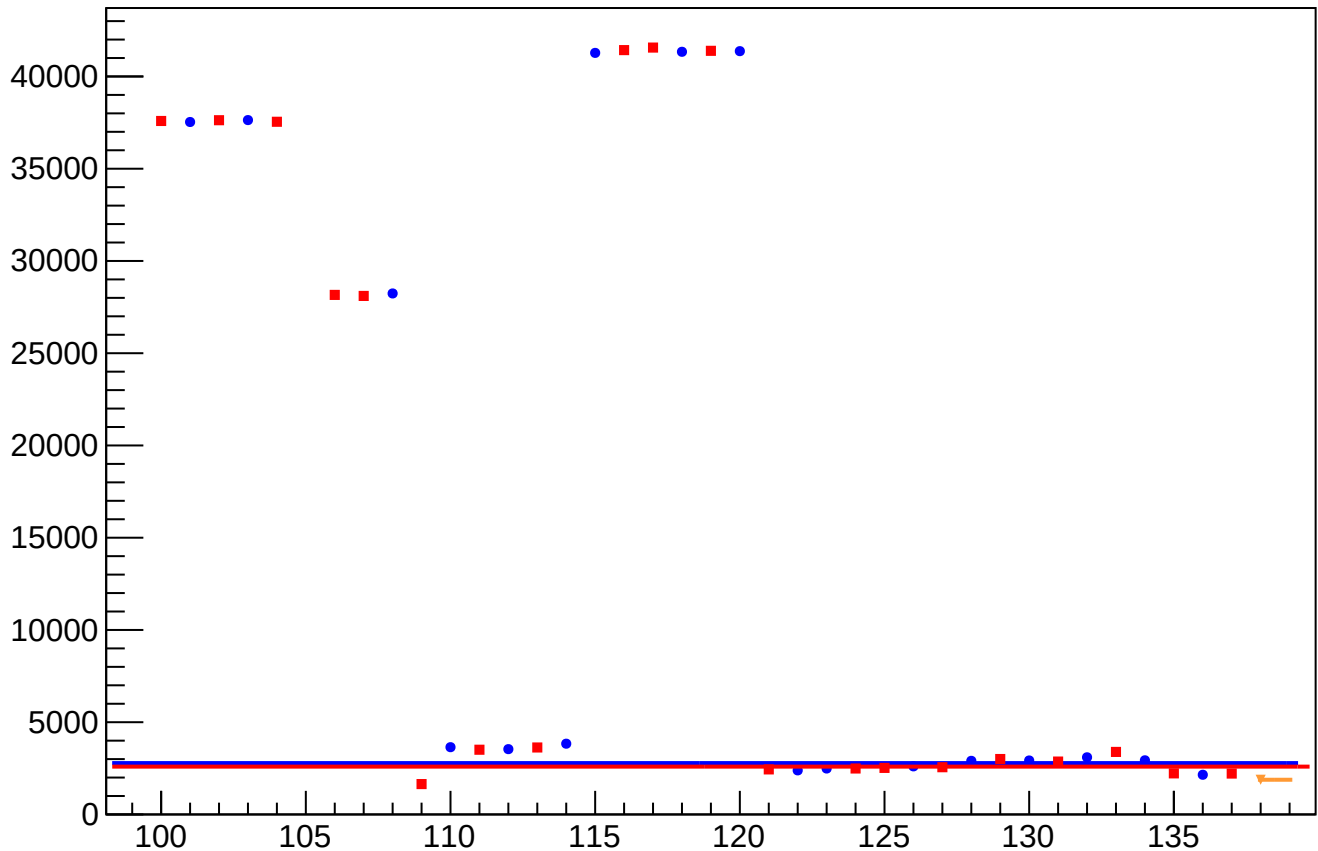
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.472+/-1.142 χ^2/NDF : 27.6/17

1.856+/-0.838 χ^2/NDF : 44.8/37

2.305+/-1.235 χ^2/NDF : 16.9/19

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

Left Out: 1881.124+/-1.599 χ^2/NDF : 0.0/0

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

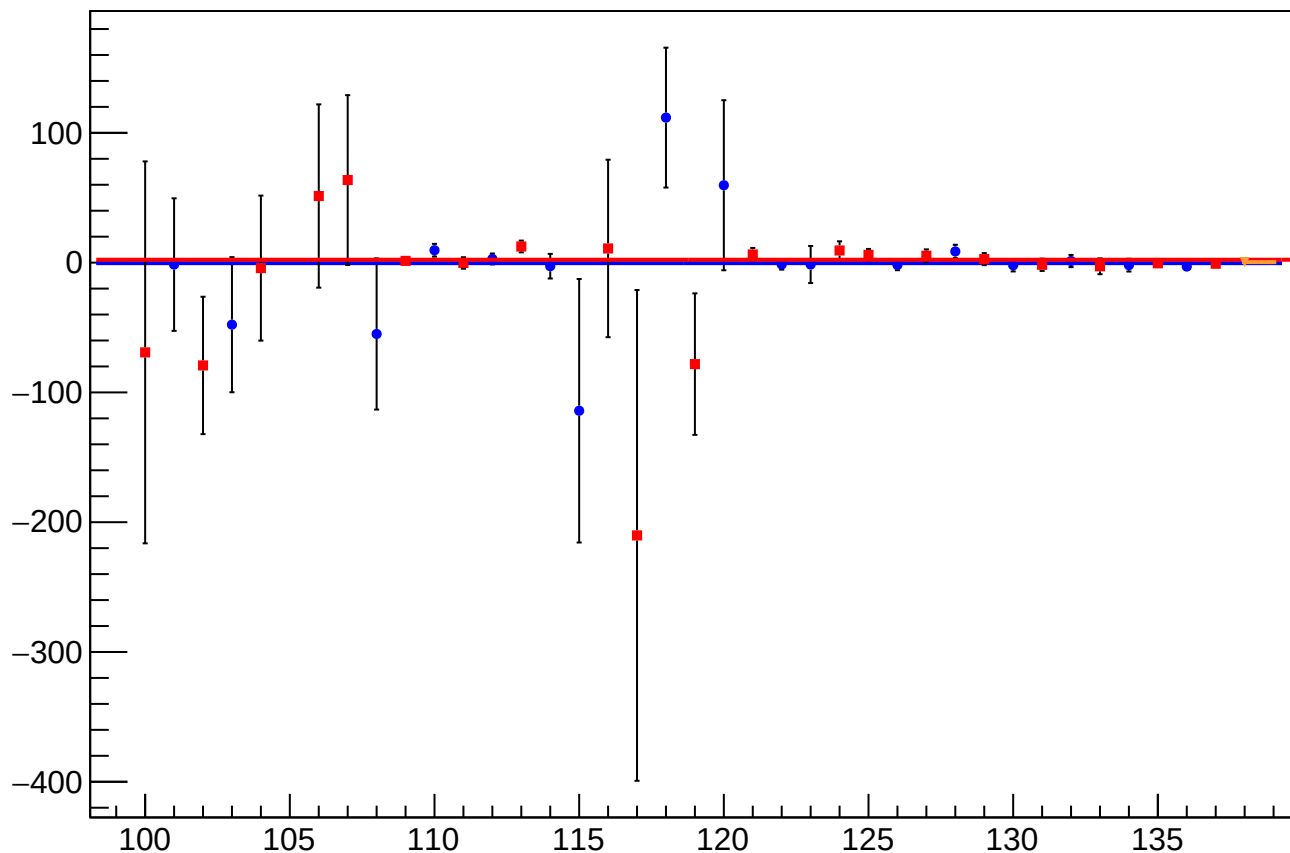
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2571.693+/-0.593 χ^2/NDF : 9739018.4/37

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

diff_bpm1p03aX_mean vs Slug, Sign Corrected



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

Left Out: 0.405 ± 2.105 χ^2/NDF : 0.0/0

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

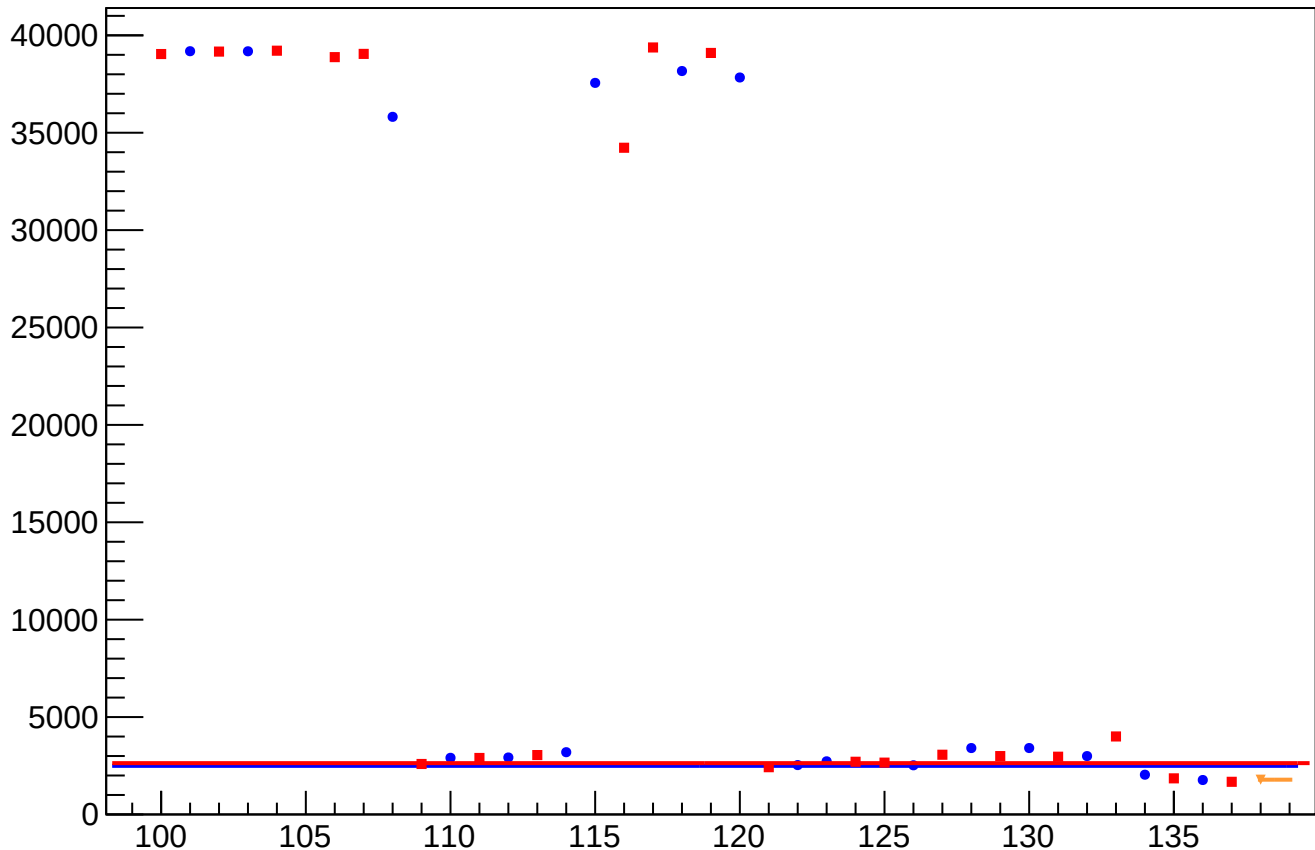
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.201 ± 1.054 χ^2/NDF : 18.4/17

0.816 ± 0.805 χ^2/NDF : 39.3/37

2.235 ± 1.246 χ^2/NDF : 18.7/19

diff_bpm1p03aX_rms vs Slug, Sign Corrected



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

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

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

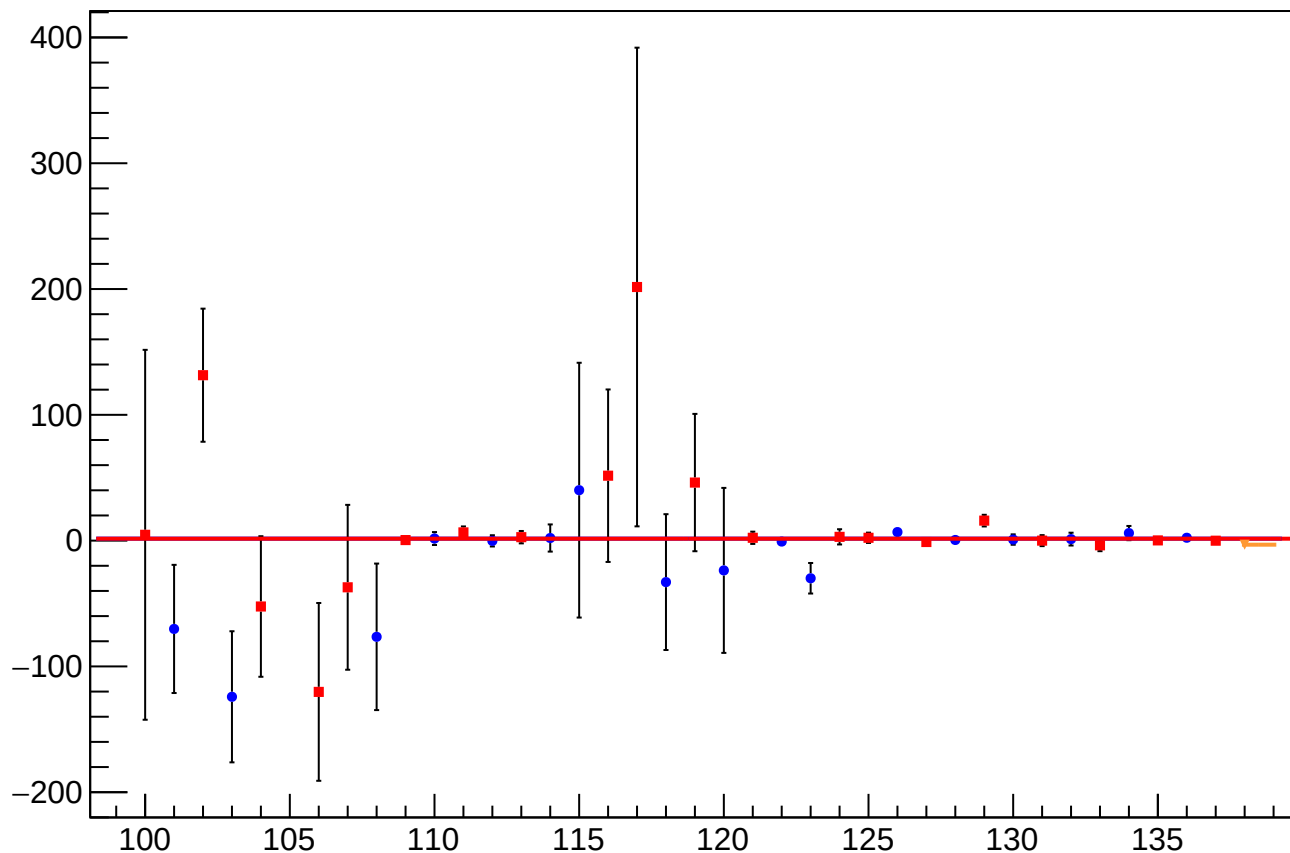
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2449.804+/-0.569 χ^2/NDF : 10064869.1/3

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

diff_bpm1p03aY_mean vs Slug, Sign Corrected



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

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

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

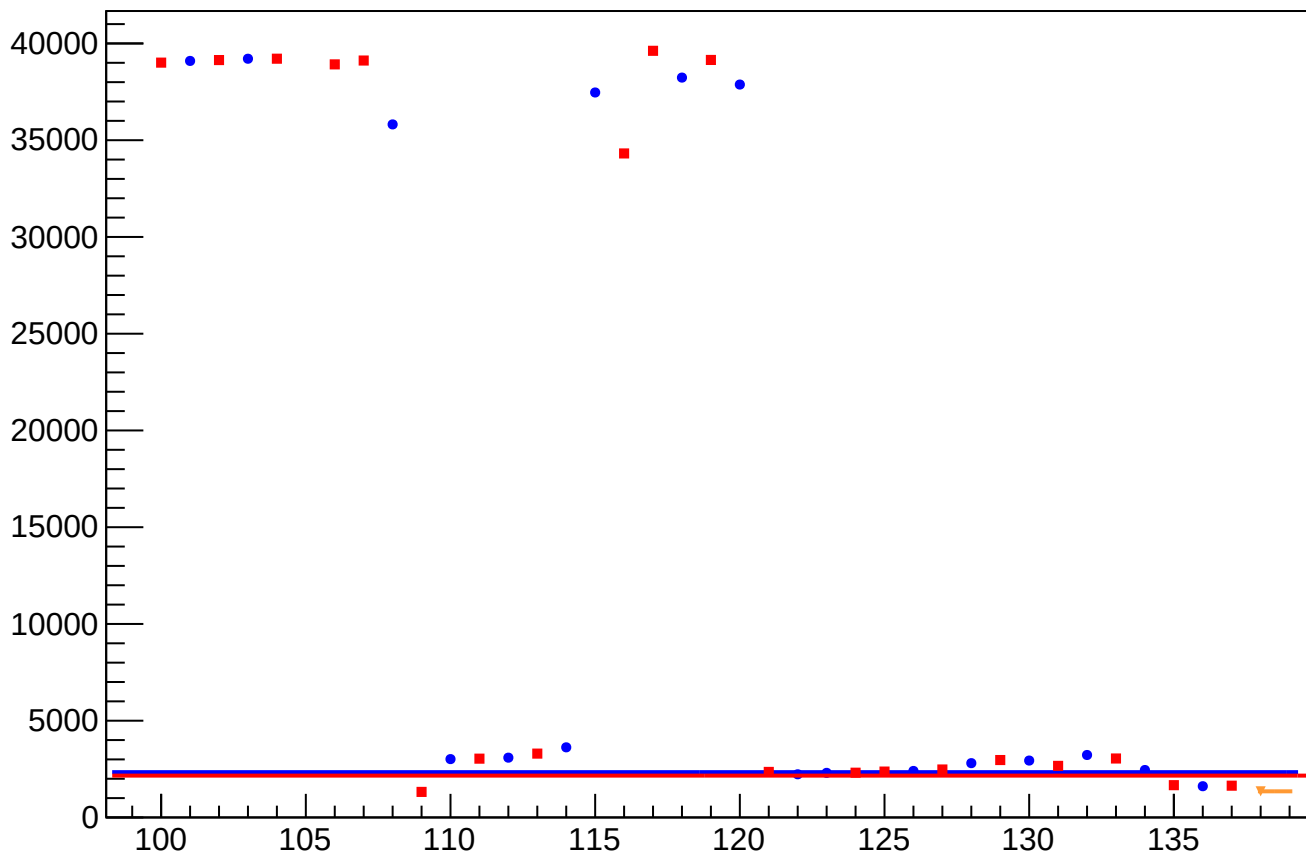
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.073+/-0.947 χ^2/NDF : 25.9/17

0.718+/-0.707 χ^2/NDF : 53.0/37

1.530+/-1.062 χ^2/NDF : 26.1/19

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

Left Out: 1350.322+/-1.198 χ^2/NDF : 0.0/0

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

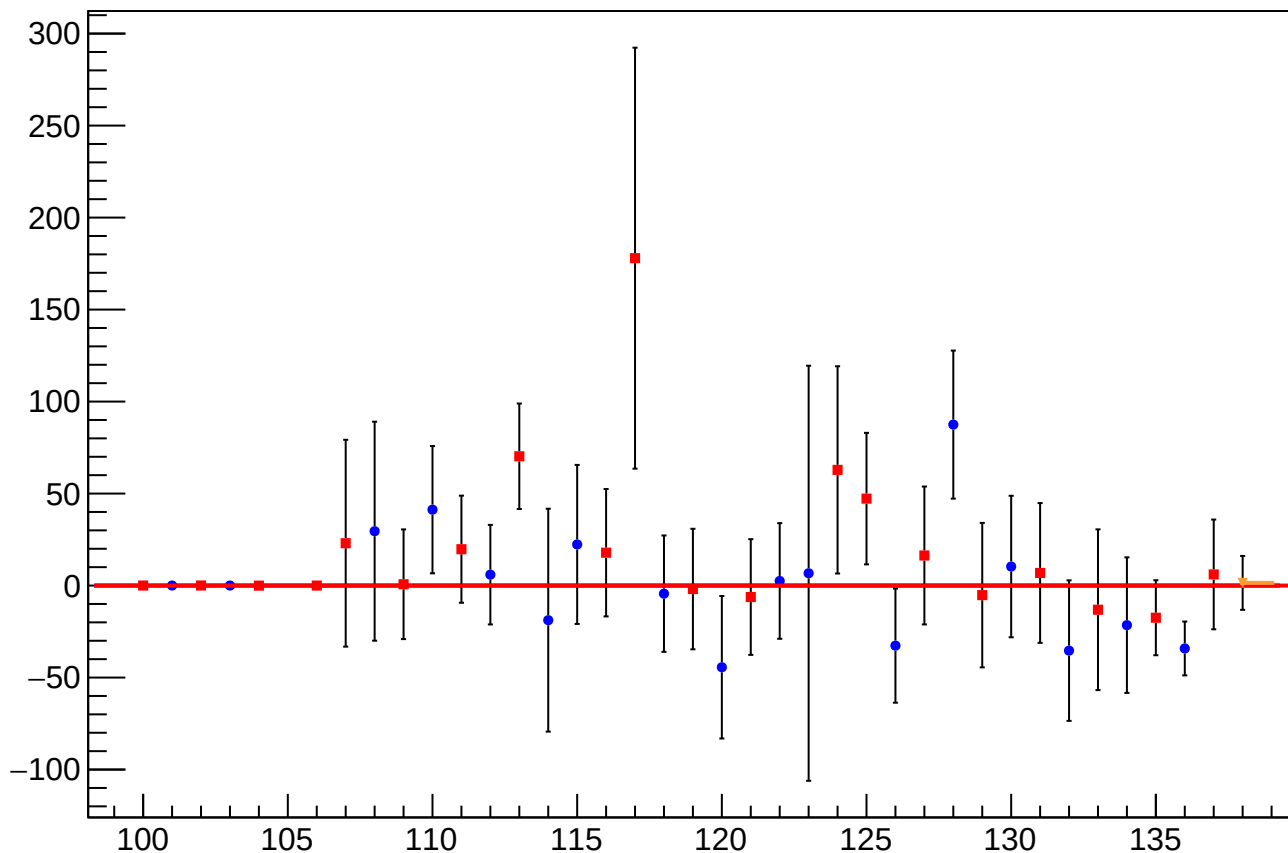
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2089.297+/-0.500 χ^2/NDF : 10870576.6/3

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

diff_cav4bX_mean vs Slug, Sign Corrected



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

Left Out: 1.457+/-14.647 χ^2/NDF : 0.0/0

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

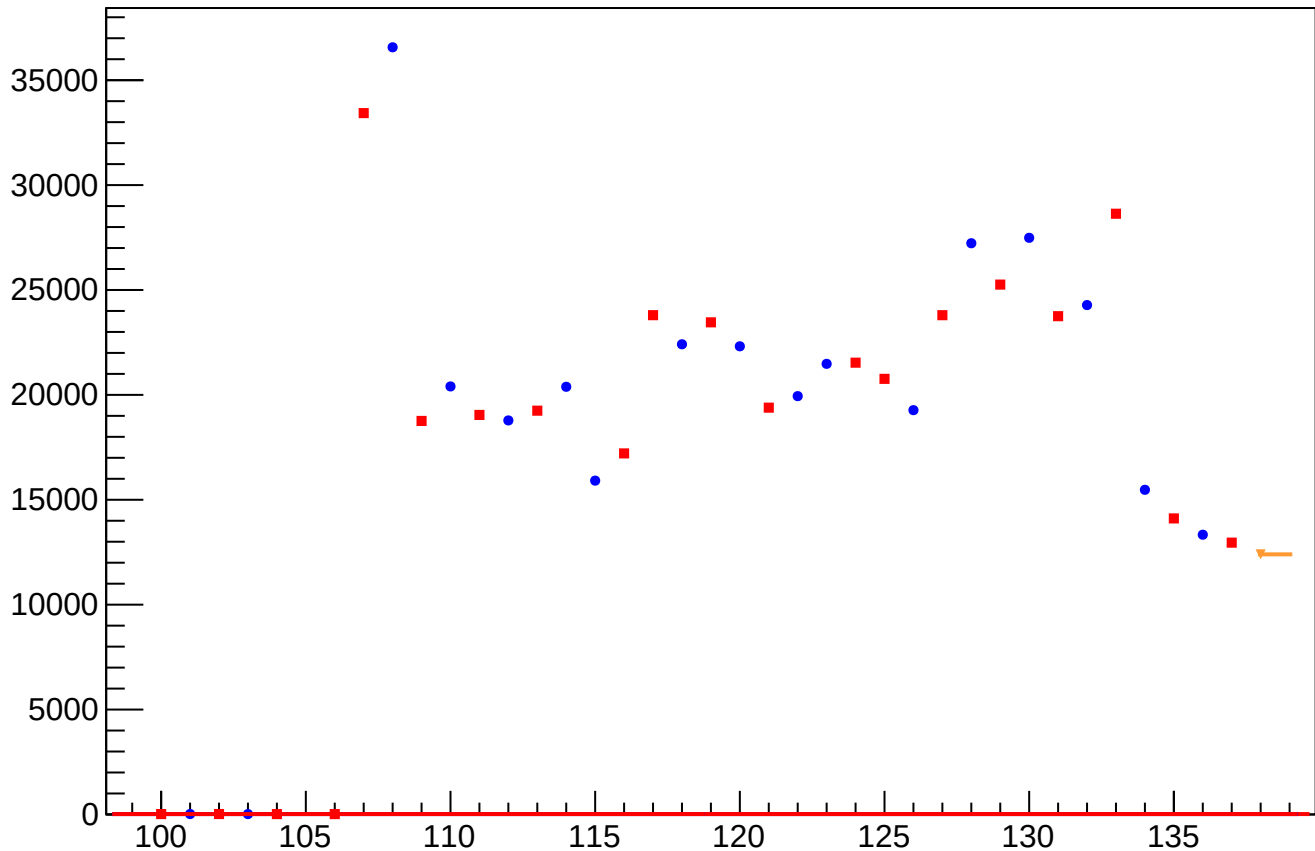
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.017 χ^2/NDF : 16.2/17

0.004+/-0.012 χ^2/NDF : 34.9/37

-0.003+/-0.016 χ^2/NDF : 18.3/19

diff_cav4bX_rms vs Slug, Sign Corrected



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

Left Out: 12398.615+/-10.357 χ^2/NDF : 0.0/0

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

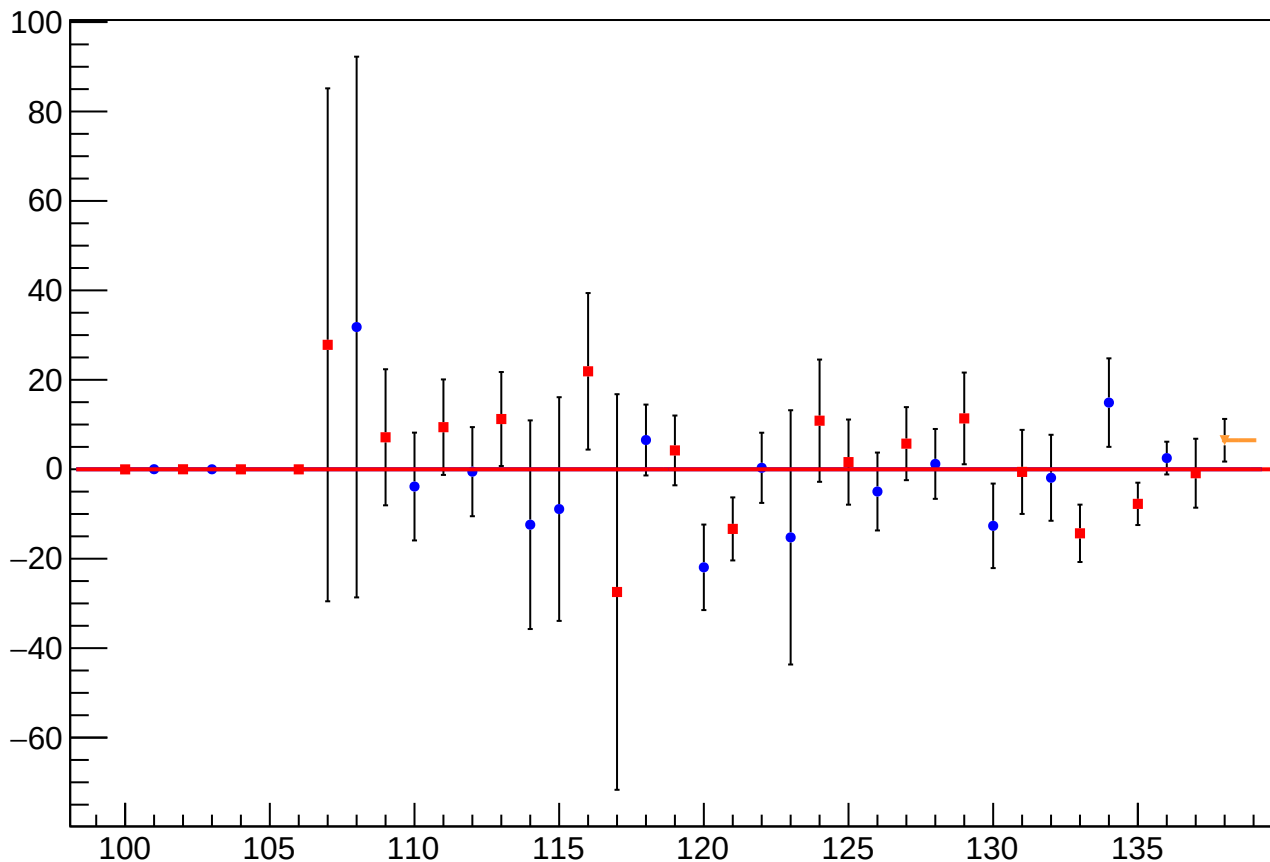
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

18.472+/-0.008 χ^2/NDF : 23610524.7/37

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

diff_cav4bY_mean vs Slug, Sign Corrected



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

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

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

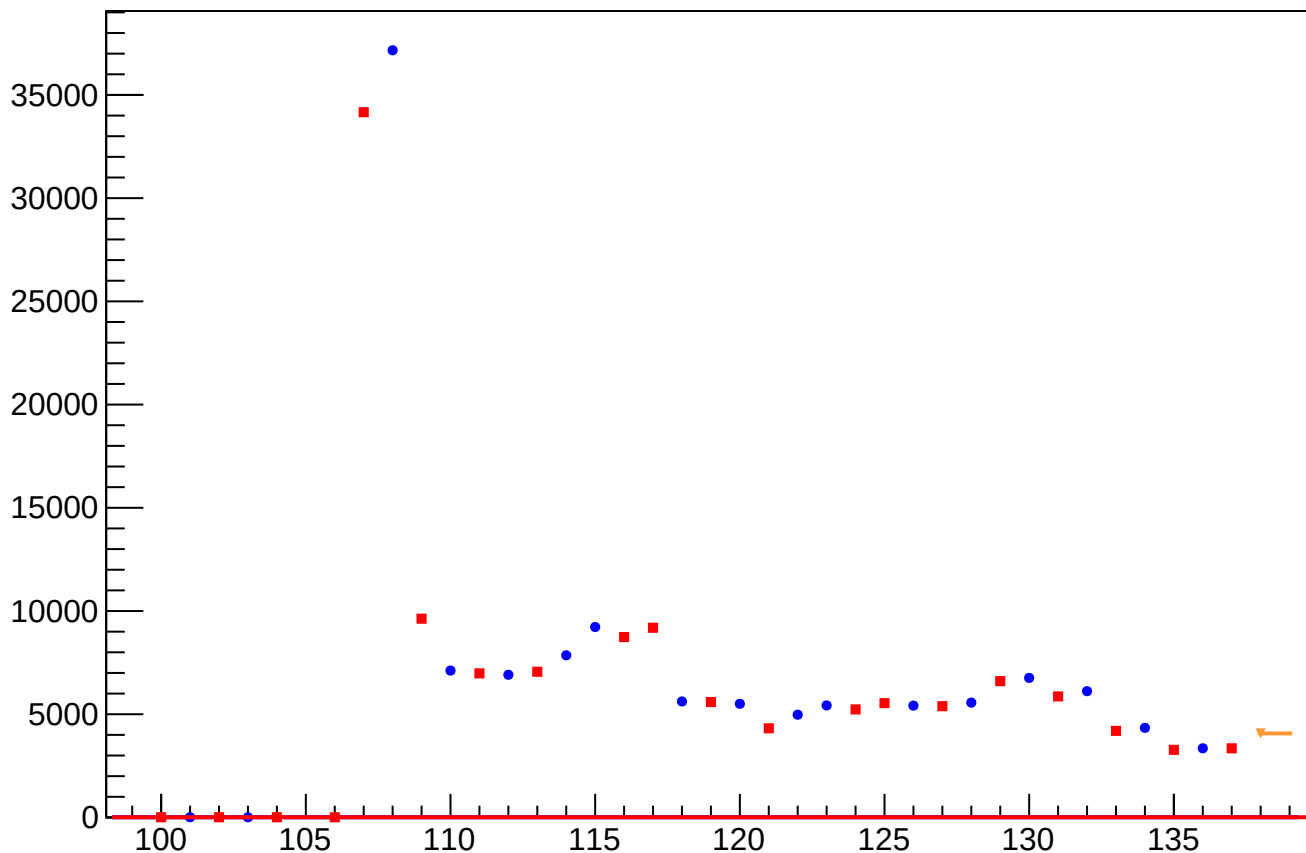
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 14.9/17

-0.007+/-0.006 χ^2/NDF : 35.2/37

-0.014+/-0.009 χ^2/NDF : 19.0/19

diff_cav4bY_rms vs Slug, Sign Corrected



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

Left Out: 4070.118+/-3.371 χ^2/NDF : 0.0/0

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

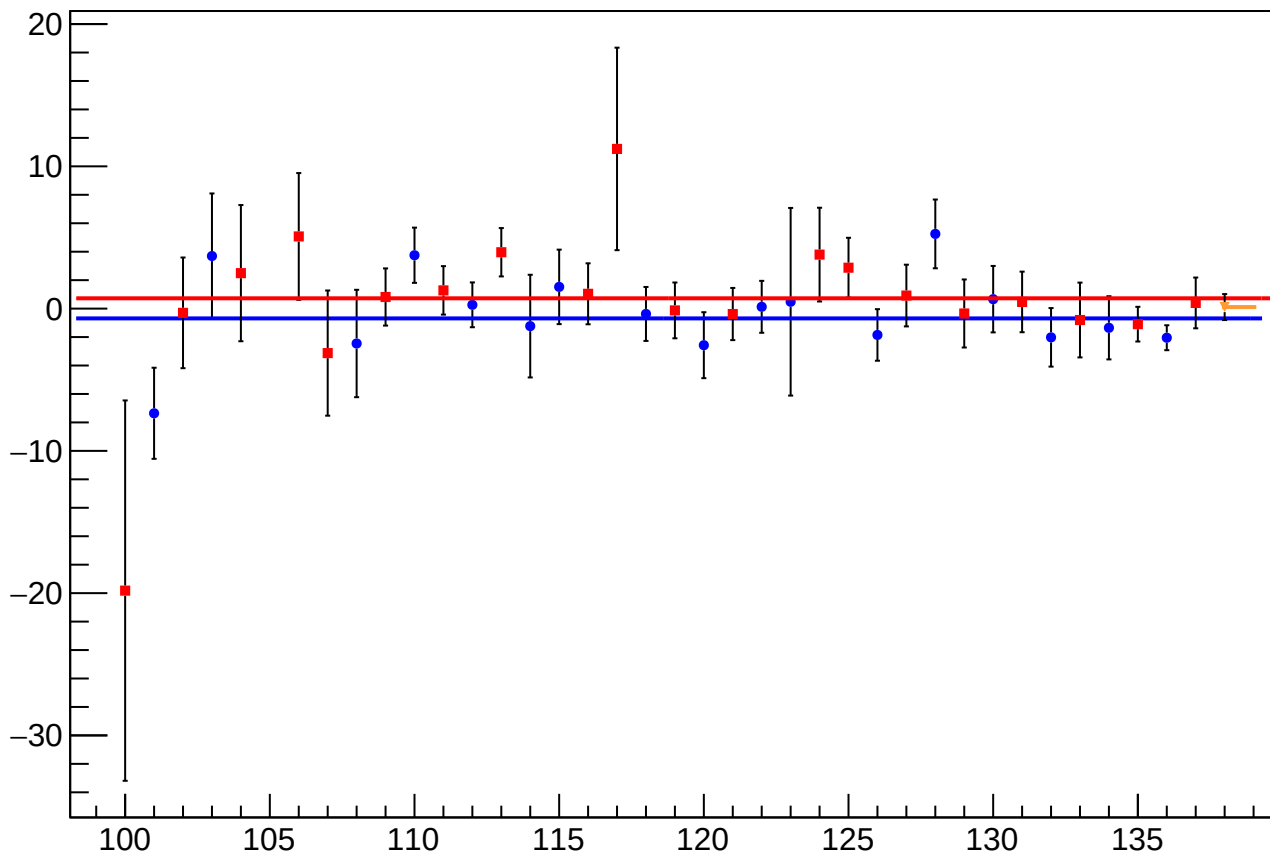
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.954+/-0.007 χ^2/NDF : 12565532.8/17

9.901+/-0.004 χ^2/NDF : 23811817.7/37

9.855+/-0.006 χ^2/NDF : 11246160.9/19

diff_cav4cX_mean vs Slug, Sign Corrected



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

Left Out: 0.108+/-0.913 χ^2/NDF : 0.0/0

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

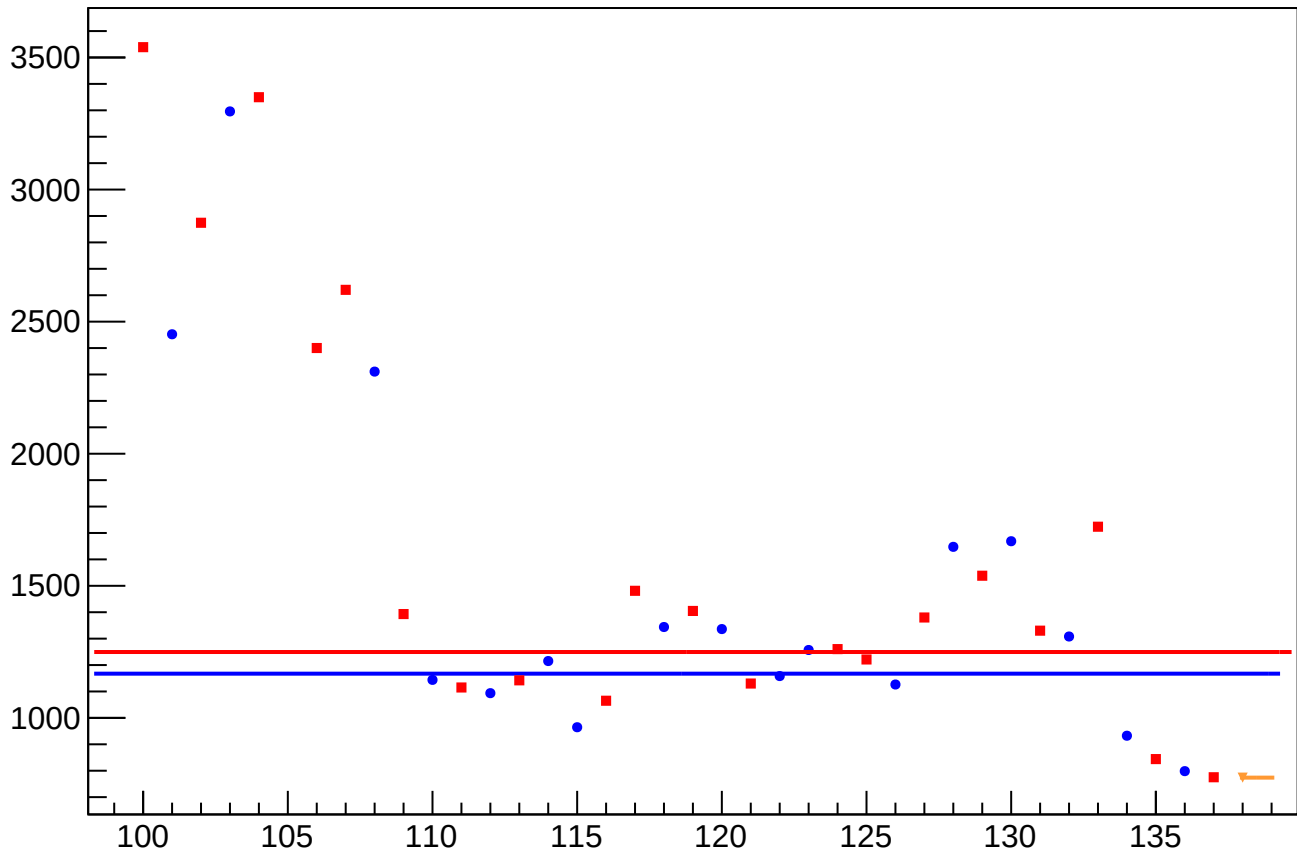
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.515+/-0.426 χ^2/NDF : 23.1/17

0.008+/-0.324 χ^2/NDF : 42.2/37

0.724+/-0.499 χ^2/NDF : 15.5/19

diff_cav4cX_rms vs Slug, Sign Corrected



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

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

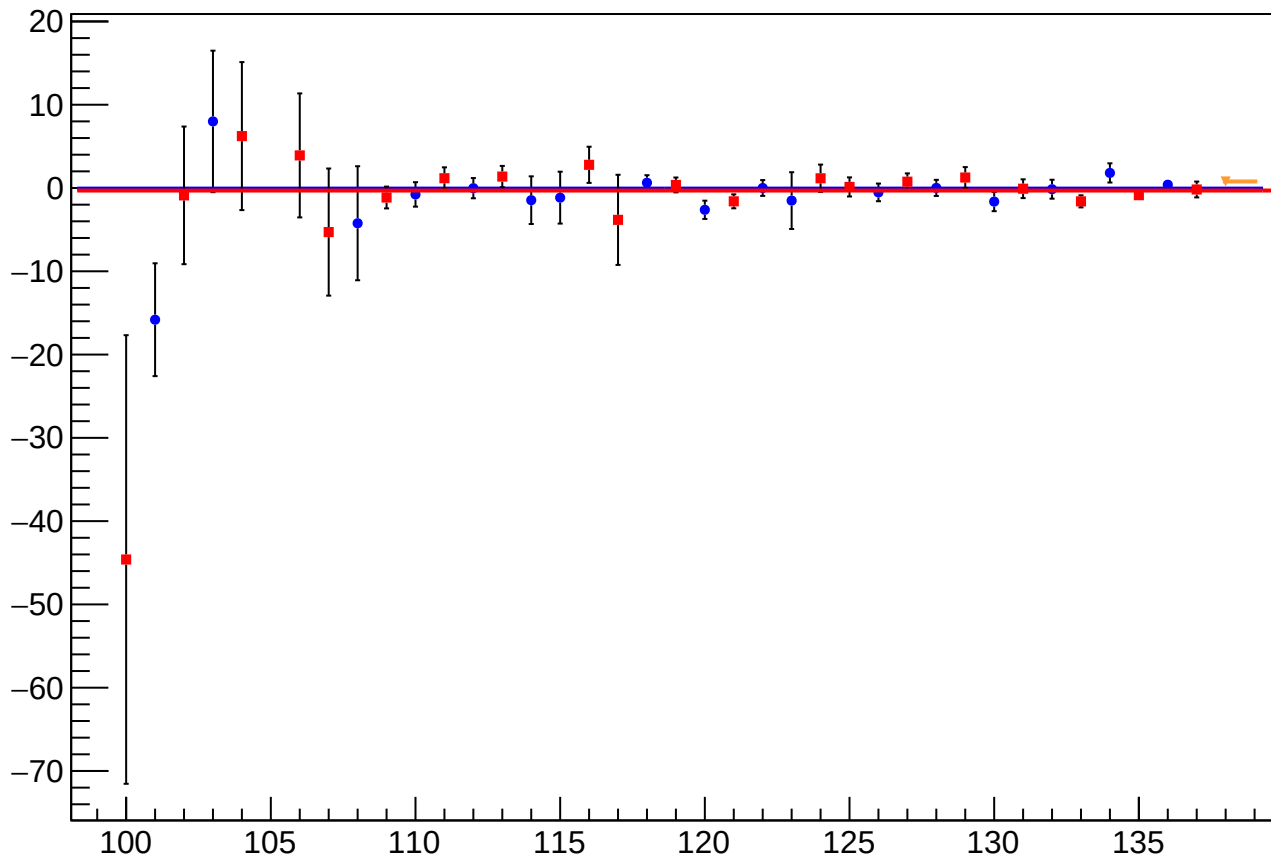
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1152.333 $\pm$ 0.229 χ^2 /NDF: 3655517.2/37

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

diff_cav4cY_mean vs Slug, Sign Corrected



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

Left Out: 0.785 ± 0.585 χ^2/NDF : 0.0/0

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

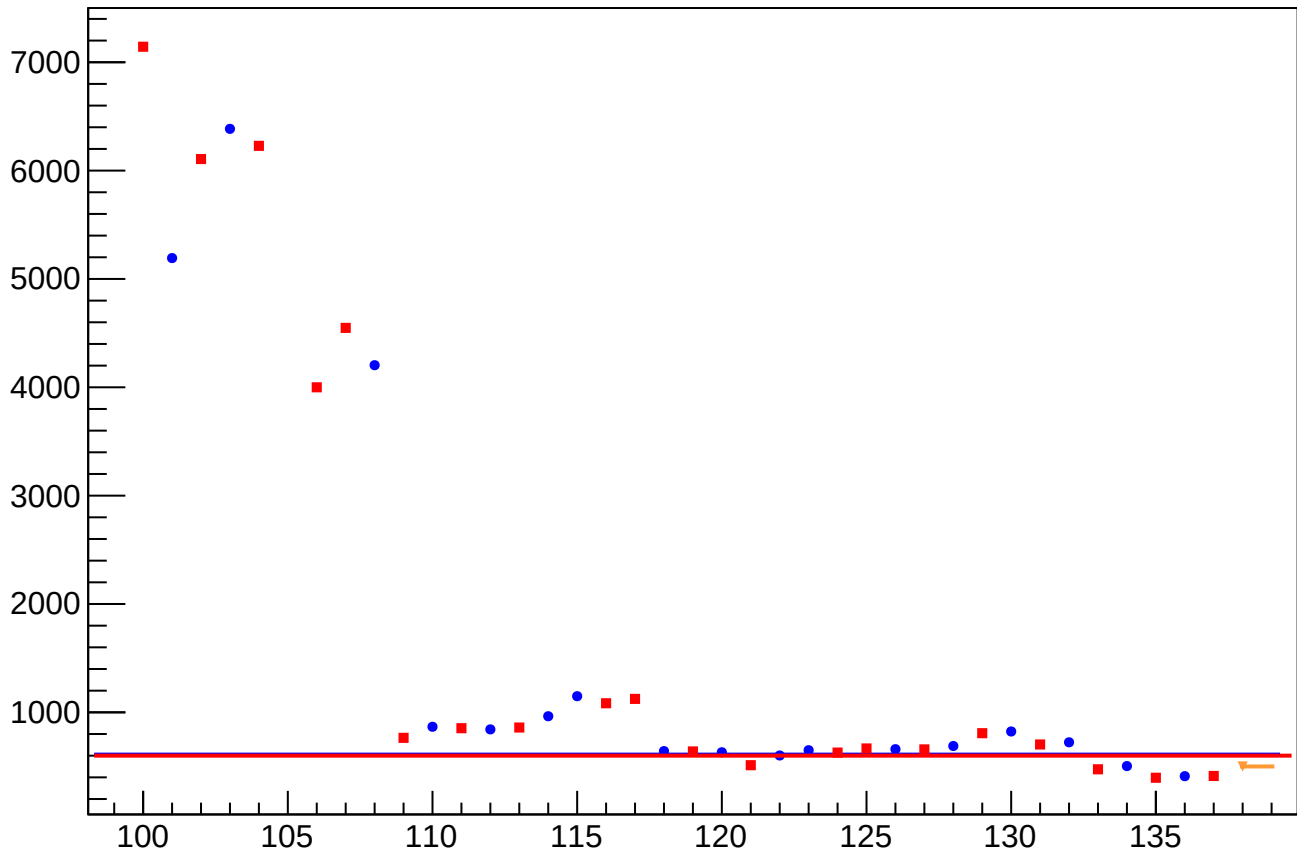
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.077 ± 0.244 χ^2/NDF : 21.0/17

-0.098 ± 0.179 χ^2/NDF : 42.8/37

-0.303 ± 0.264 χ^2/NDF : 20.7/19

diff_cav4cY_rms vs Slug, Sign Corrected



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

Left Out: 500.395 $\pm$ 0.414 χ^2 /NDF: 0.0/0

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

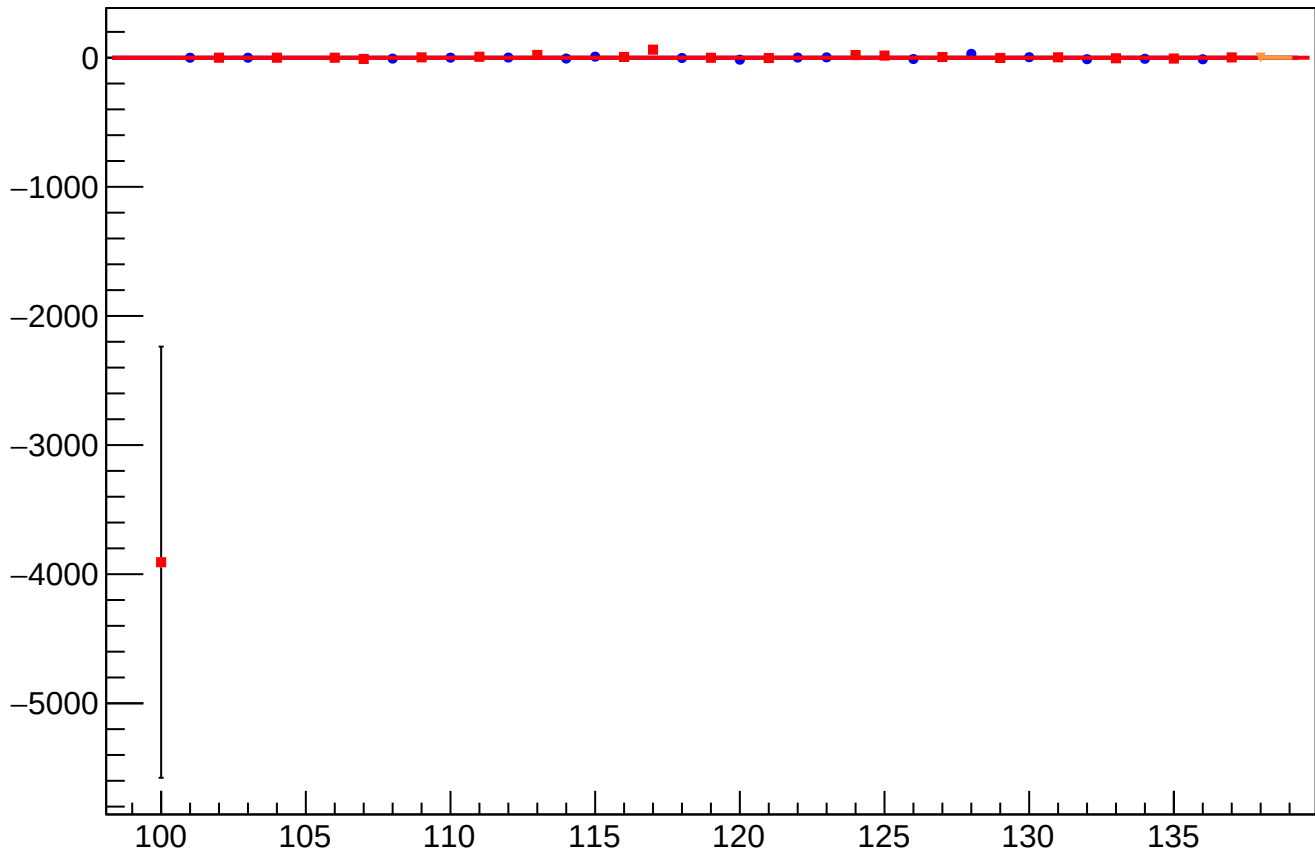
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

590.732 $\pm$ 0.173 χ^2 /NDF: 3193744.4/17

595.132 $\pm$ 0.127 χ^2 /NDF: 6766343.4/37

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

diff_cav4dX_mean vs Slug, Sign Corrected



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

Left Out: 0.679 ± 5.250 χ^2/NDF : 0.0/0

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

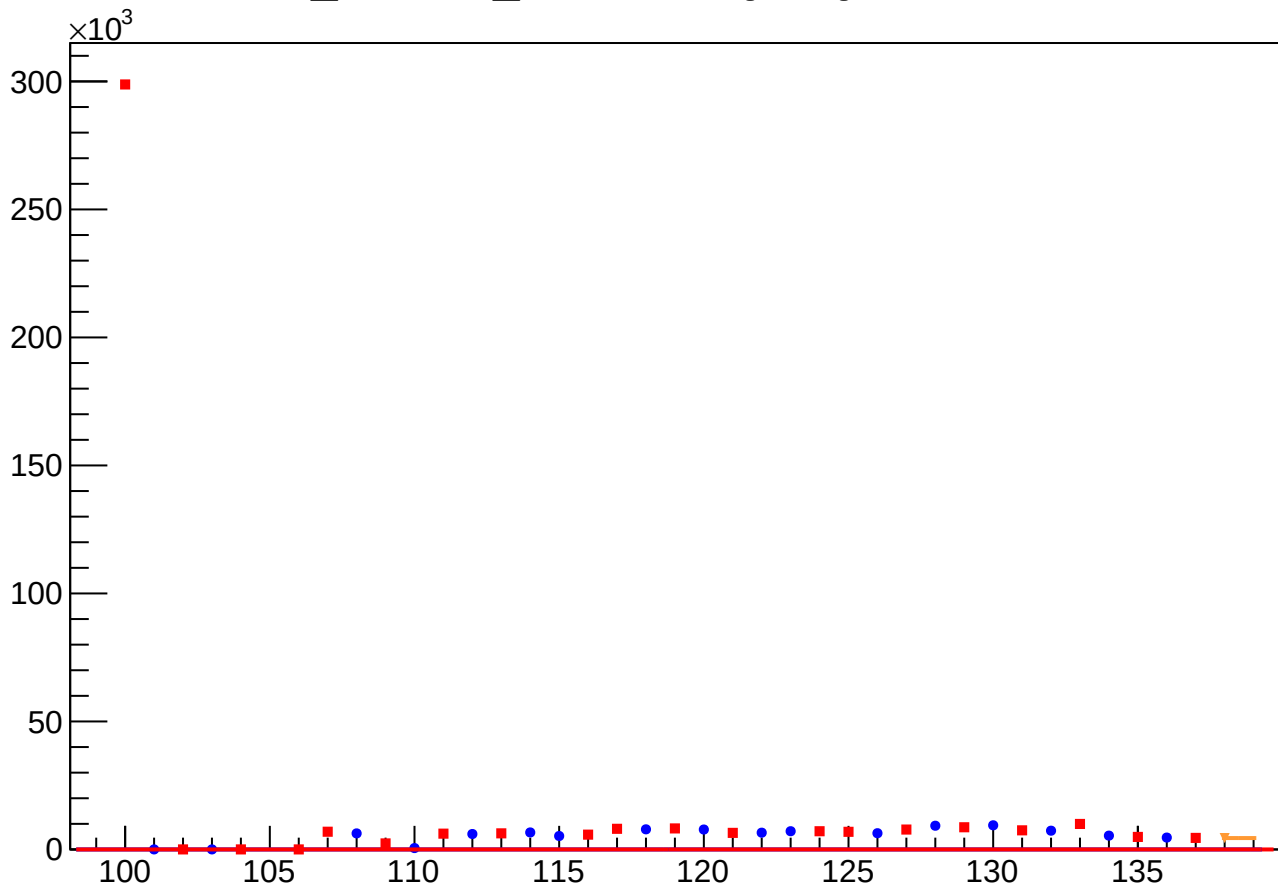
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.022 ± 0.021 χ^2/NDF : 15.6/17

0.004 ± 0.014 χ^2/NDF : 38.9/37

0.027 ± 0.020 χ^2/NDF : 20.5/19

diff_cav4dX_rms vs Slug, Sign Corrected



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

Left Out: 4448.545 $\pm$ 3.713 χ^2/NDF : 0.0/0

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

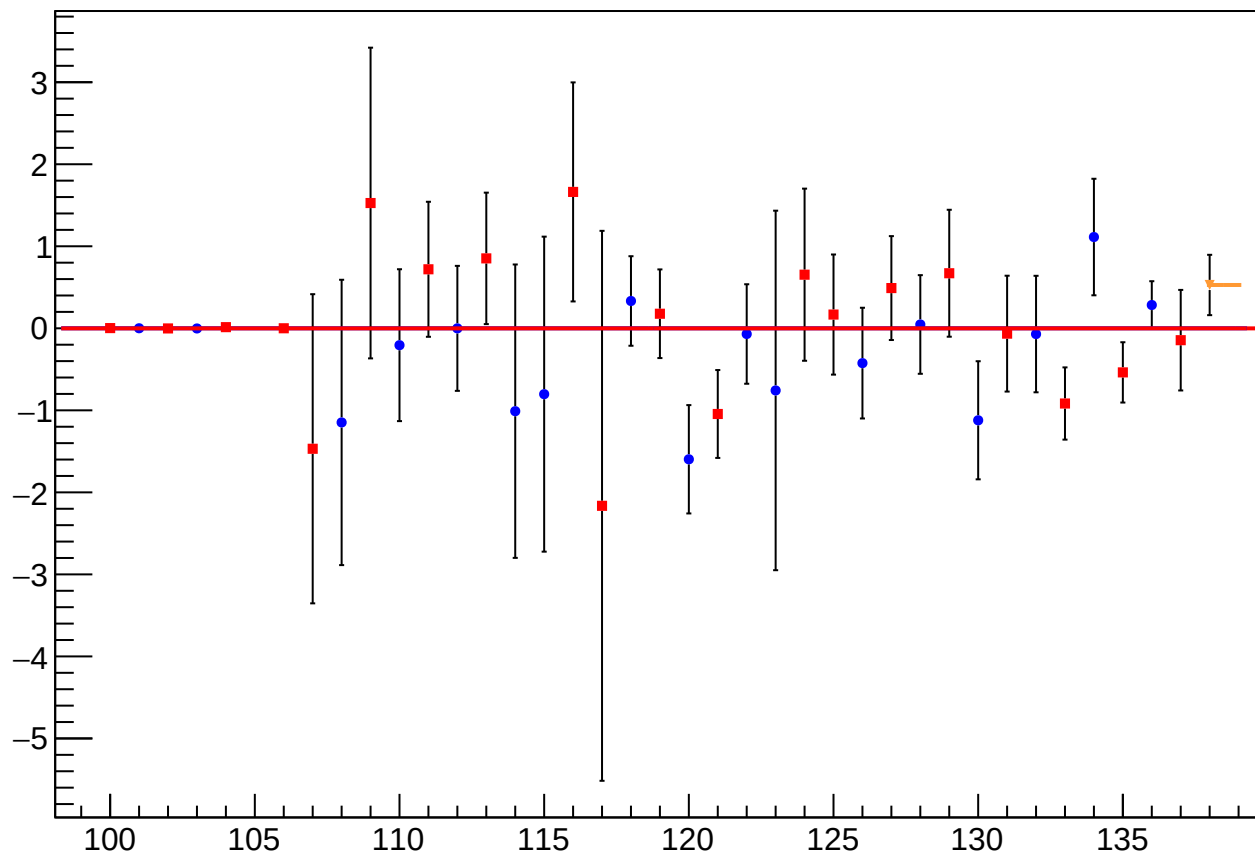
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.410 $\pm$ 0.015 χ^2/NDF : 11925997.5/17

17.337 $\pm$ 0.010 χ^2/NDF : 22832882.6/37

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

diff_cav4dY_mean vs Slug, Sign Corrected



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

Left Out: 0.528 $\pm$ 0.368 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 18.3/19

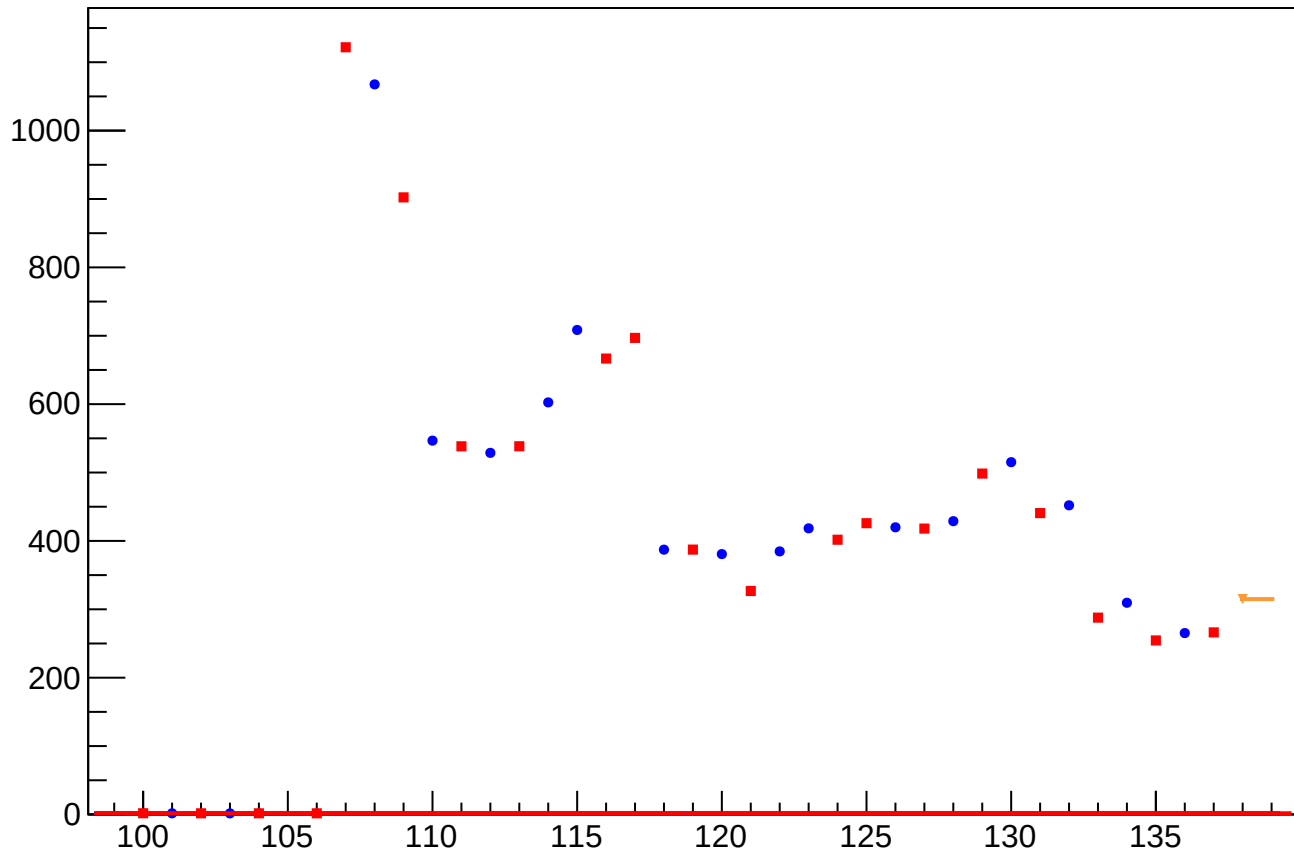
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 15.8/17

-0.000 $\pm$ 0.001 χ^2 /NDF: 34.3/37

-0.001 $\pm$ 0.002 χ^2 /NDF: 18.3/19

diff_cav4dY_rms vs Slug, Sign Corrected



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

Left Out: 314.952 ± 0.260 χ^2/NDF : 0.0/0

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

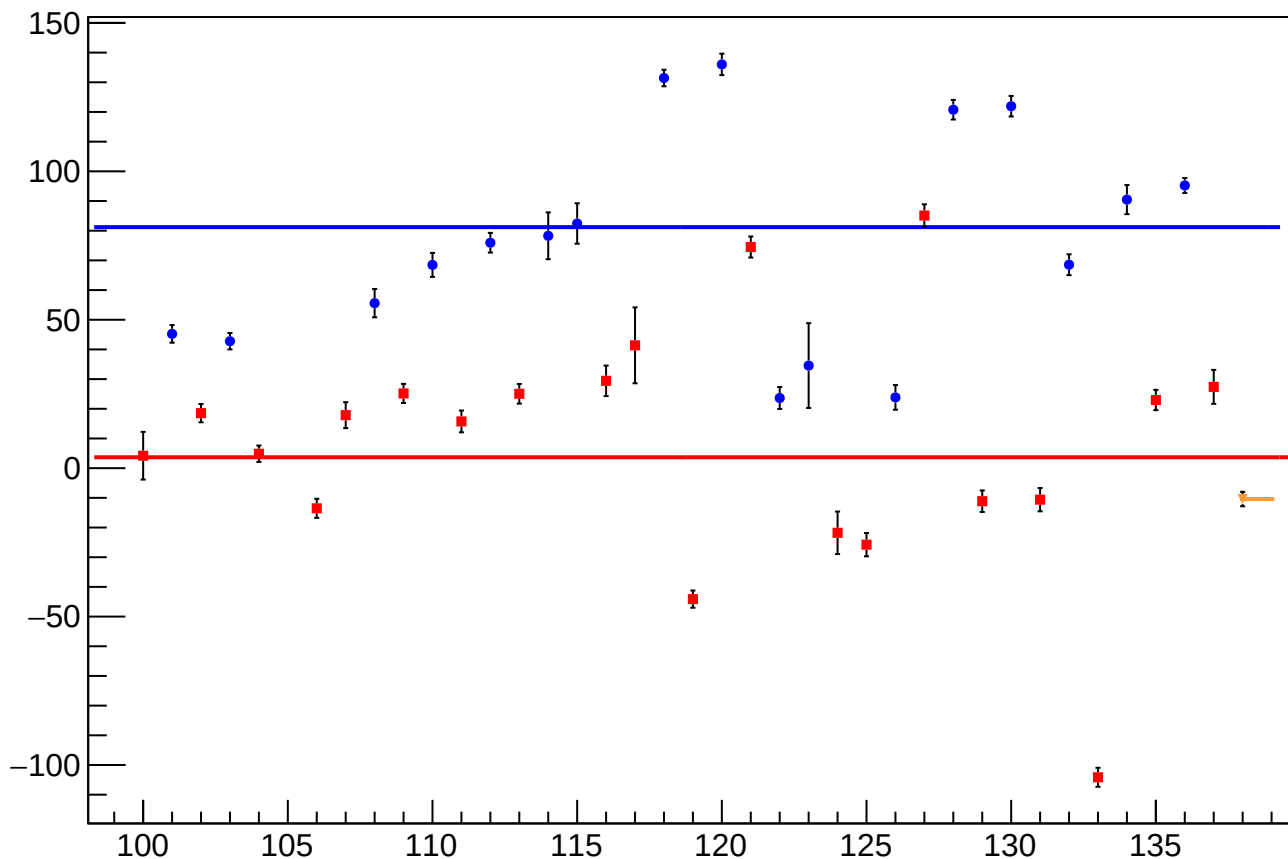
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.709 ± 0.001 χ^2/NDF : 12503692.8/17

1.719 ± 0.001 χ^2/NDF : 23333708.3/37

1.729 ± 0.001 χ^2/NDF : 10829914.3/19

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

Left Out: -10.401 $\pm$ 2.441 χ^2 /NDF: 0.0/0

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

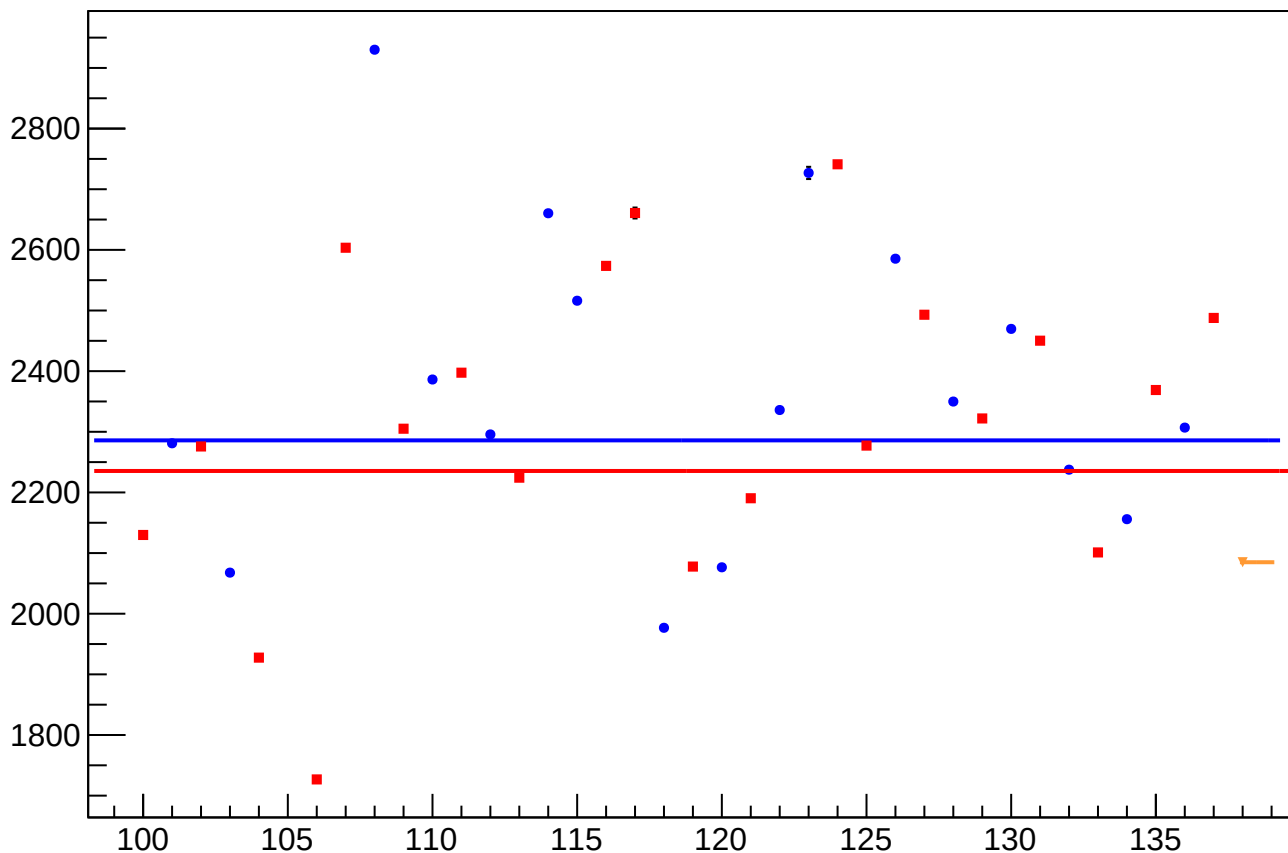
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

70.546 $\pm$ 0.833 χ^2 /NDF: 2954.1/17

37.433 $\pm$ 0.592 χ^2 /NDF: 8756.2/37

3.672 $\pm$ 0.841 χ^2 /NDF: 2607.8/19

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

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

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

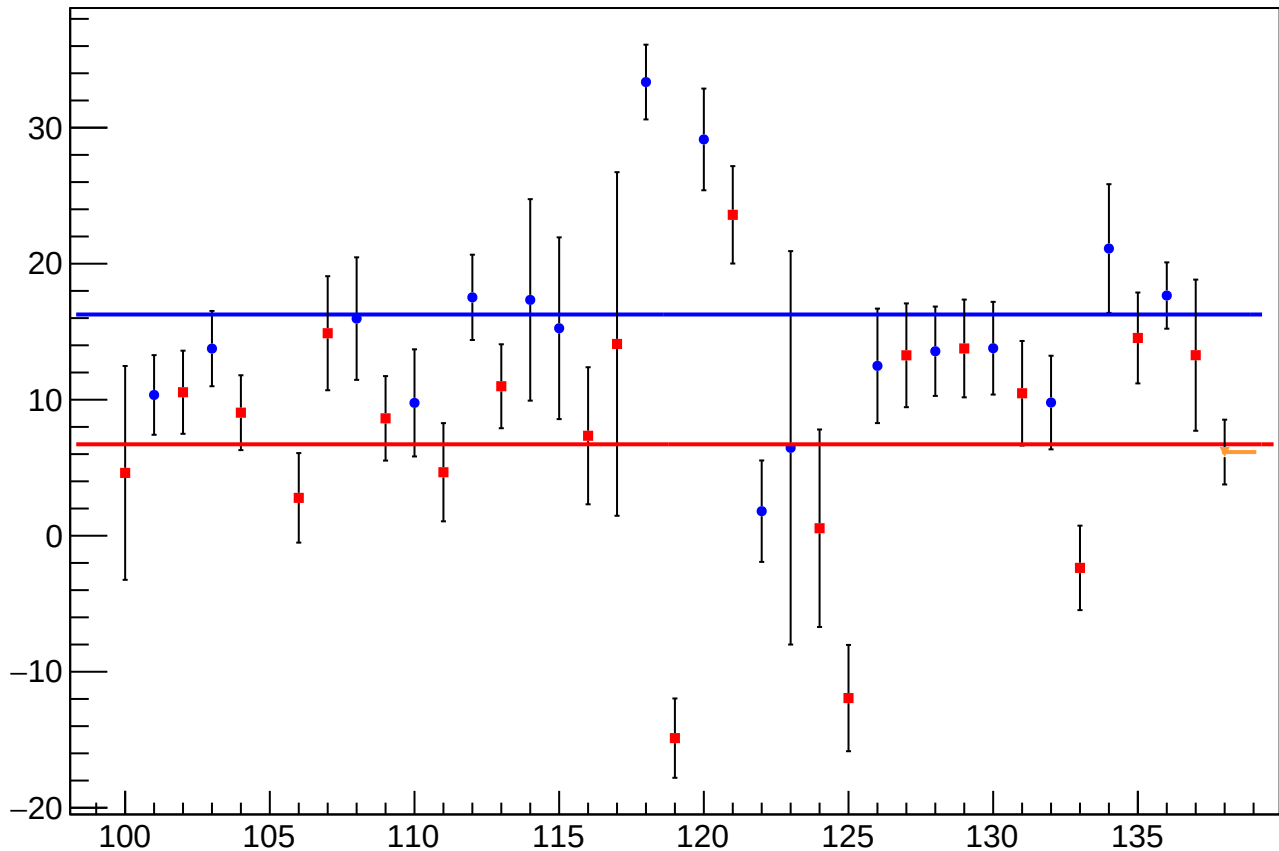
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

2249.069 $\pm$ 0.418 χ^2 /NDF: 271432.2/37

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

diff_bpm0i01Y_mean vs Slug, Sign Corrected



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

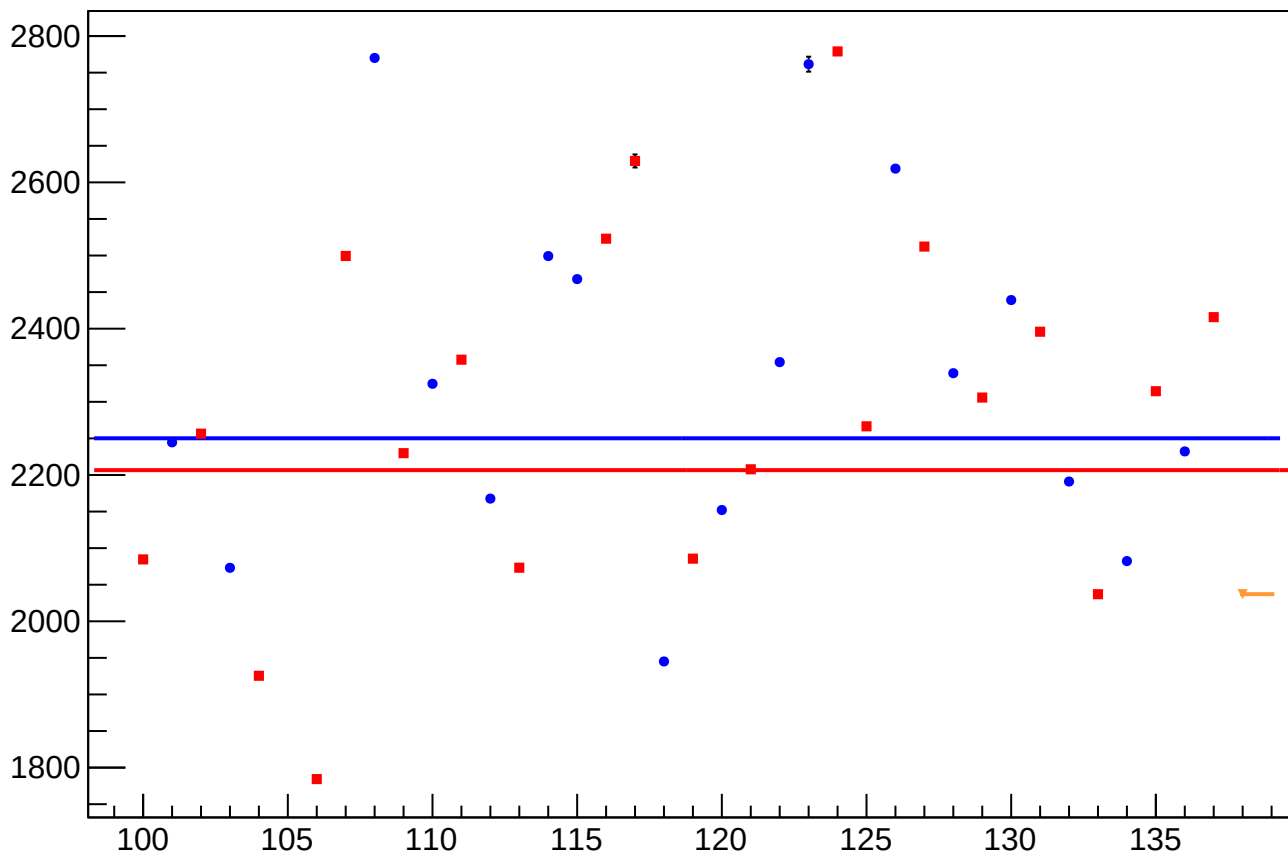
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.070 $\pm$ 0.818 χ^2 /NDF: 96.7/17

10.950 $\pm$ 0.582 χ^2 /NDF: 282.4/37

6.722 $\pm$ 0.829 χ^2 /NDF: 134.3/19

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

Left Out: 2037.084 $\pm$ 1.684 χ^2 /NDF: 0.0/0

Right Out: 2206.617 $\pm$ 0.586 χ^2 /NDF: 128476.5/19

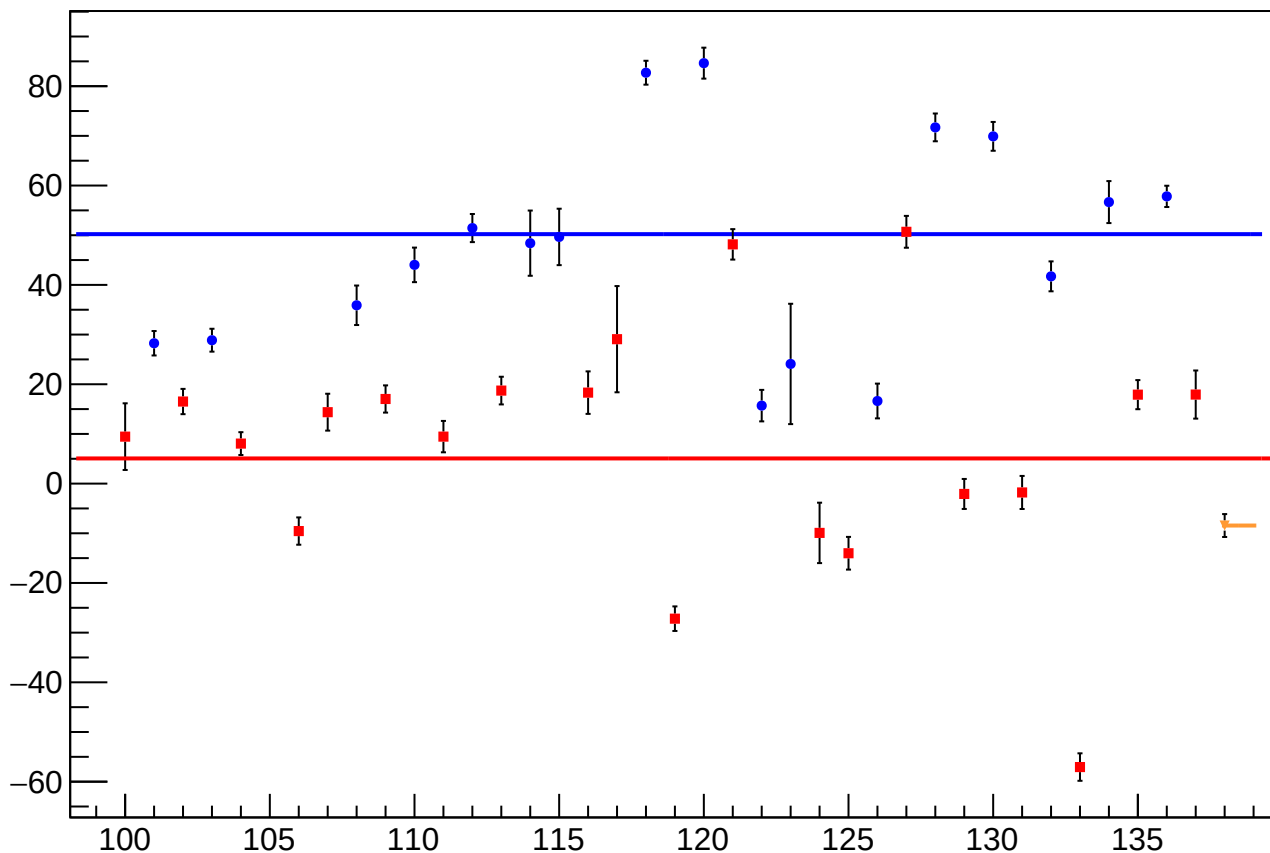
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2225.002 $\pm$ 0.579 χ^2 /NDF: 111703.3/17

2215.927 $\pm$ 0.412 χ^2 /NDF: 240678.0/37

2206.617 $\pm$ 0.586 χ^2 /NDF: 128476.5/19

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left Out: -8.440+/-2.305 χ^2/NDF : 0.0/0

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

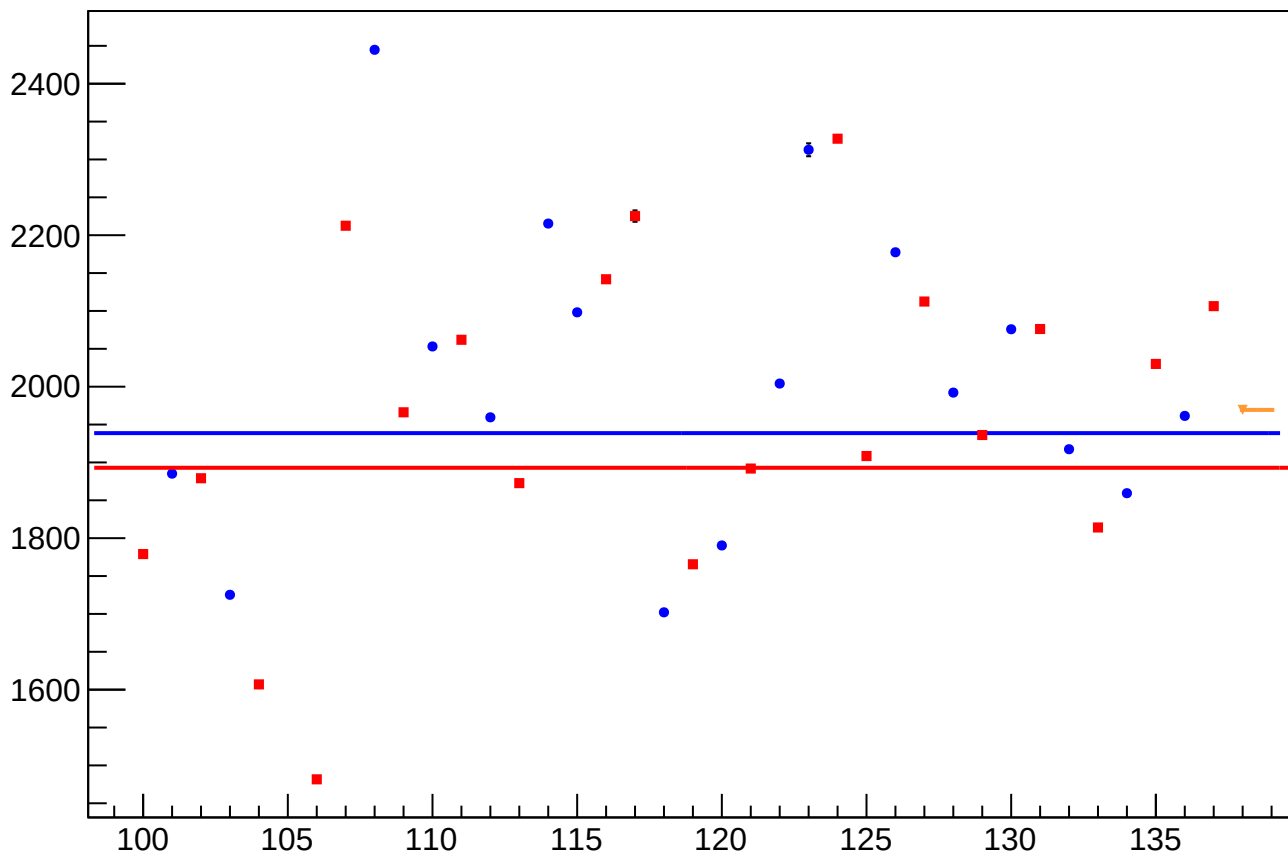
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.589+/-0.714 χ^2/NDF : 1415.7/17

24.770+/-0.504 χ^2/NDF : 4220.5/37

5.065+/-0.712 χ^2/NDF : 1267.6/19

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1938.688+/-0.531 χ^2/NDF : 100143.1/16

Left Out: 1969.362+/-1.630 χ^2/NDF : 0.0/0

Right Out: 1892.946+/-0.503 χ^2/NDF : 148563.2/19

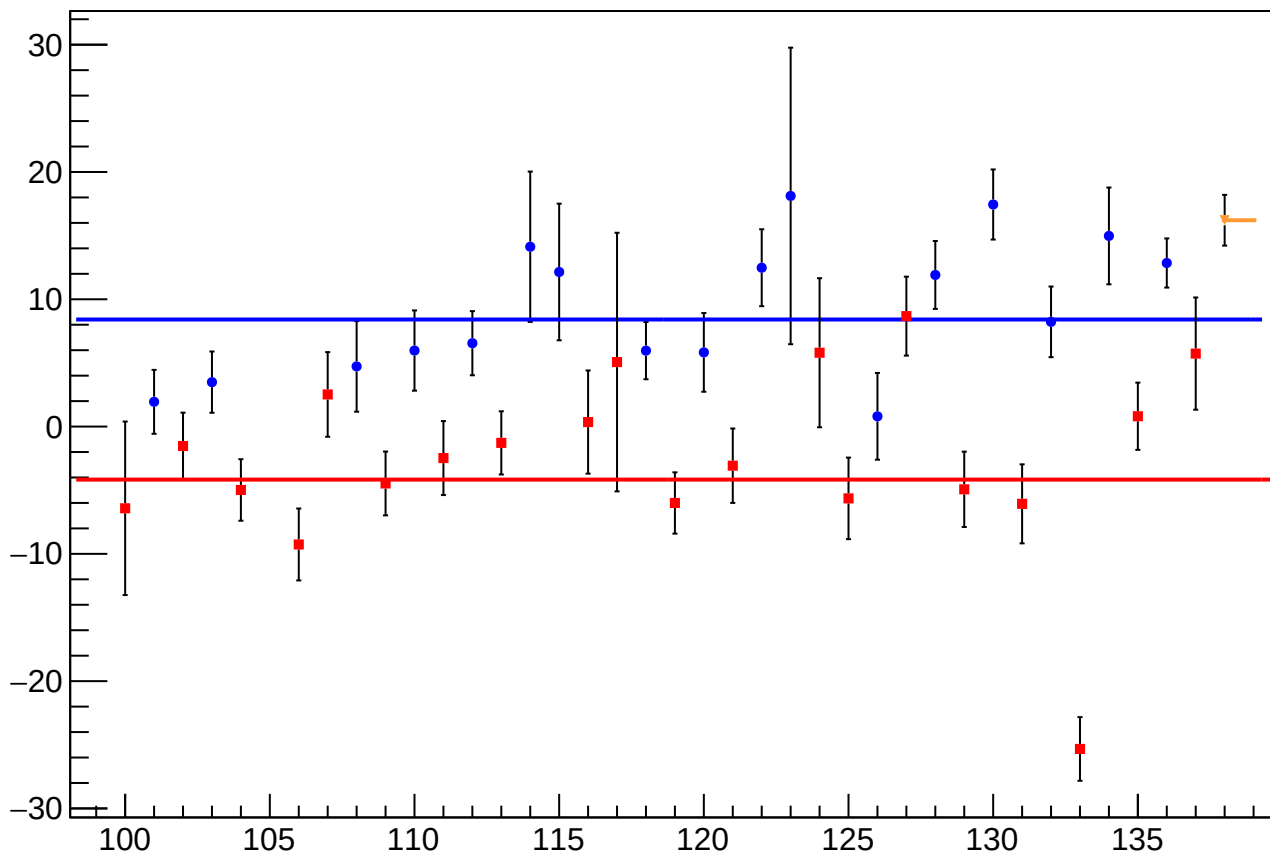
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1941.630+/-0.505 χ^2/NDF : 100463.3/17

1917.218+/-0.356 χ^2/NDF : 253690.8/37

1892.946+/-0.503 χ^2/NDF : 148563.2/19

diff_bpm0i01aY_mean vs Slug, Sign Corrected



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

Left Out: 16.210 $\pm$ 1.992 χ^2 /NDF: 0.0/0

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

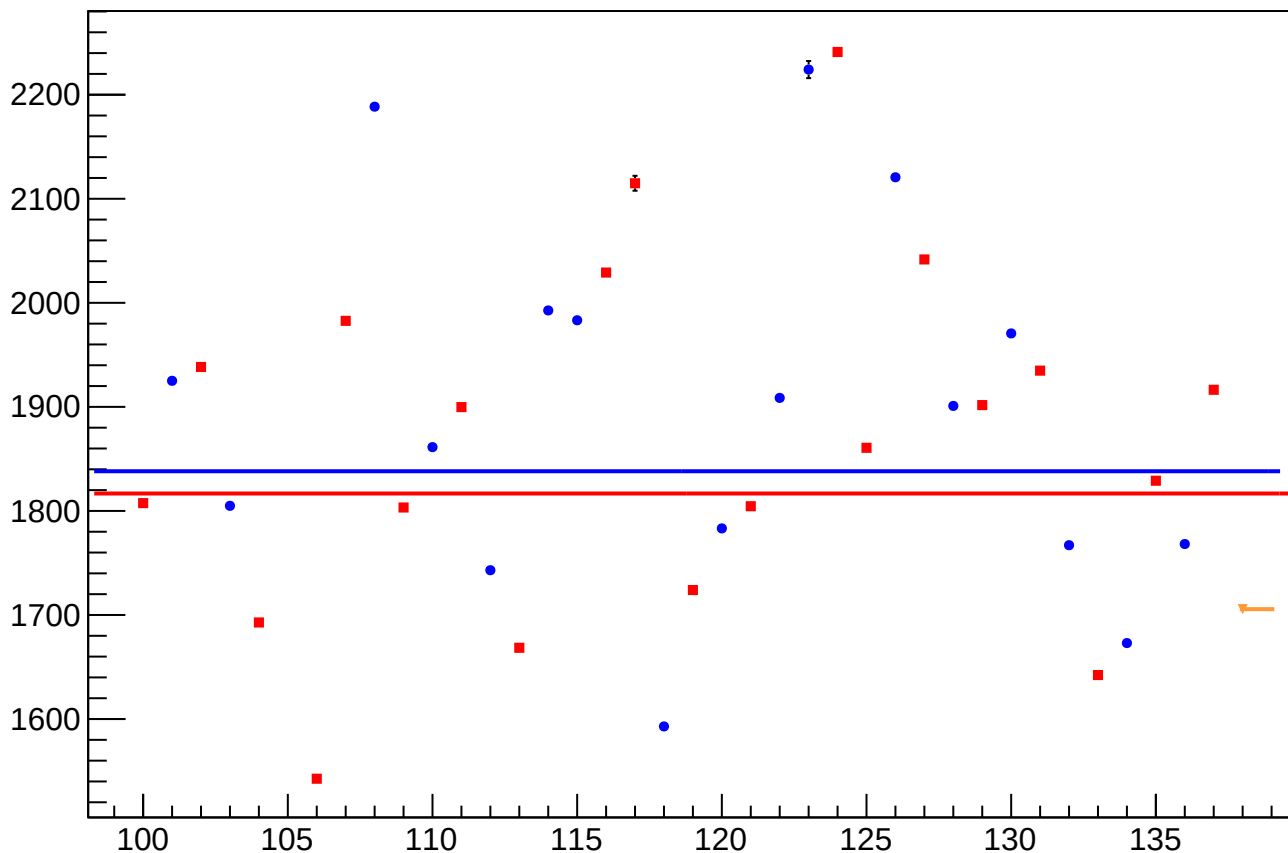
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.293 $\pm$ 0.670 χ^2 /NDF: 58.2/17

2.673 $\pm$ 0.477 χ^2 /NDF: 370.7/37

-4.167 $\pm$ 0.681 χ^2 /NDF: 113.9/19

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

Left Out: 1705.599 $\pm$ 1.409 χ^2 /NDF: 0.0/0

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

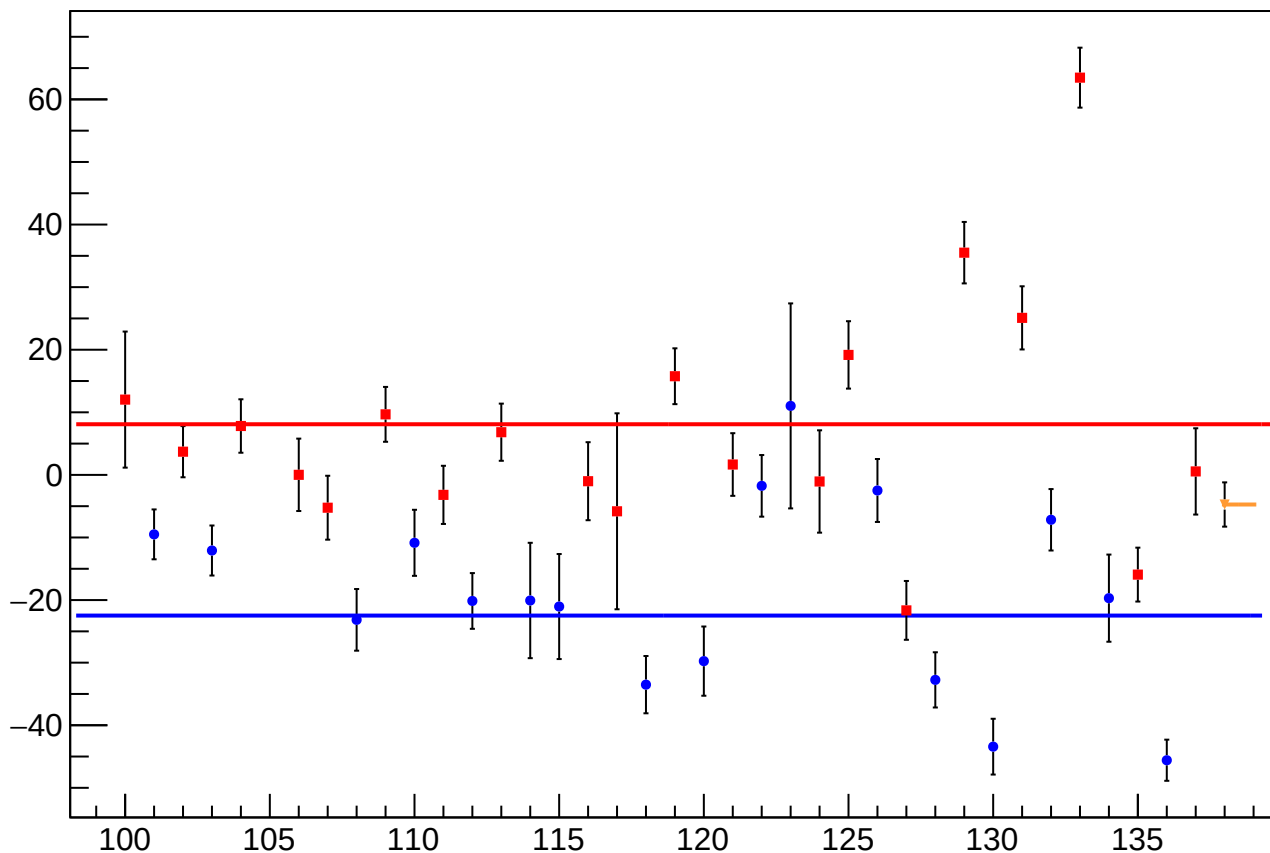
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1823.157 $\pm$ 0.474 χ^2 /NDF: 90732.6/17

1820.005 $\pm$ 0.338 χ^2 /NDF: 179972.3/37

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

diff_bpm0l01X_mean vs Slug, Sign Corrected



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

Left Out: -4.731+/-3.537 χ^2/NDF : 0.0/0

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

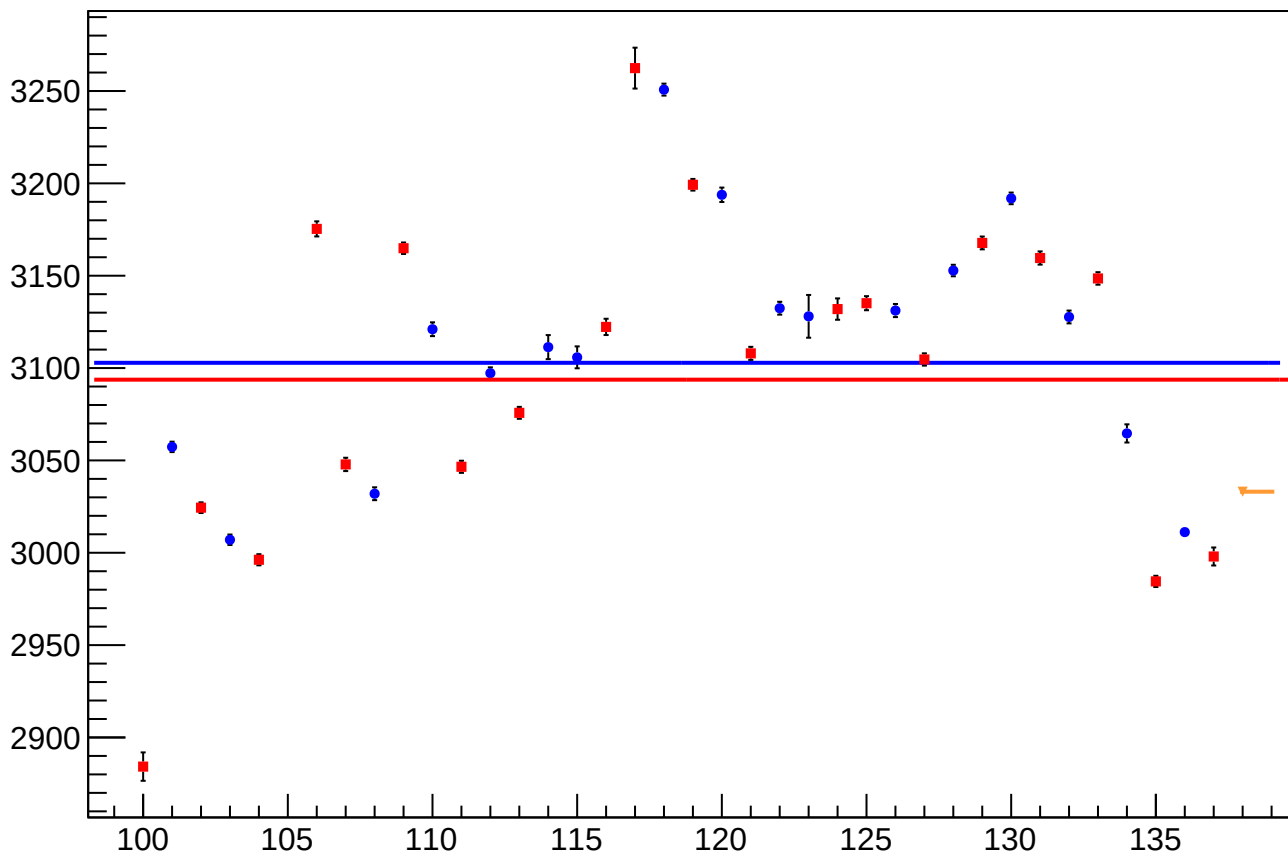
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-20.660+/-1.132 χ^2/NDF : 177.3/17

-6.554+/-0.808 χ^2/NDF : 771.6/37

8.093+/-1.153 χ^2/NDF : 277.7/19

diff_bpm0l01X_rms vs Slug, Sign Corrected



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

Left Out: 3033.062+/-2.501 χ^2/NDF : 0.0/0

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

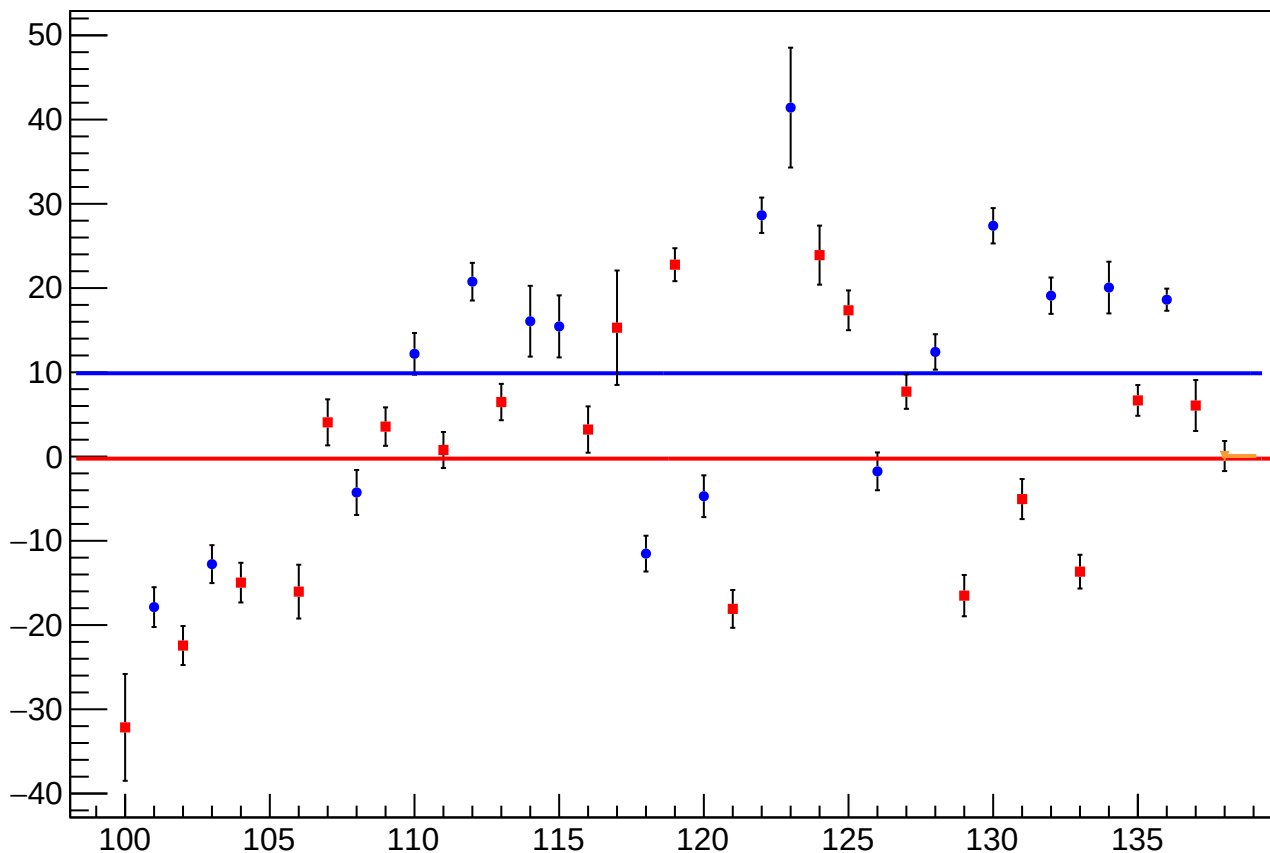
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3095.699+/-0.800 χ^2/NDF : 8043.7/17

3094.726+/-0.571 χ^2/NDF : 16043.6/37

3093.715+/-0.816 χ^2/NDF : 7996.8/19

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

Left Out: 0.062 $\pm$ 1.783 χ^2/NDF : 0.0/0

Right Out: -0.245 $\pm$ 0.545 χ^2/NDF : 634.1/19

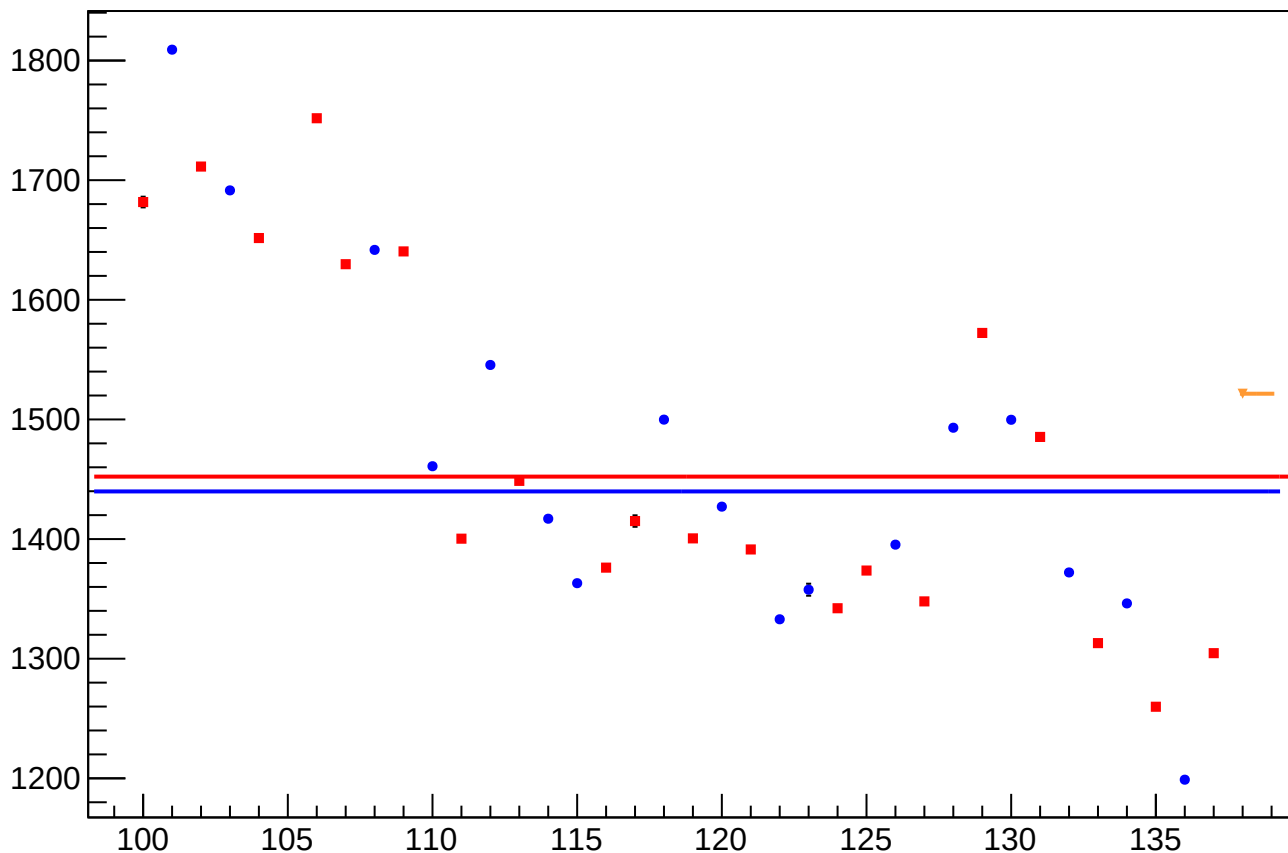
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.007 $\pm$ 0.534 χ^2/NDF : 731.3/17

4.478 $\pm$ 0.381 χ^2/NDF : 1512.5/37

-0.245 $\pm$ 0.545 χ^2/NDF : 634.1/19

diff_bpm0l01Y_rms vs Slug, Sign Corrected



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

Left Out: 1521.504 $\pm$ 1.261 χ^2 /NDF: 0.0/0

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

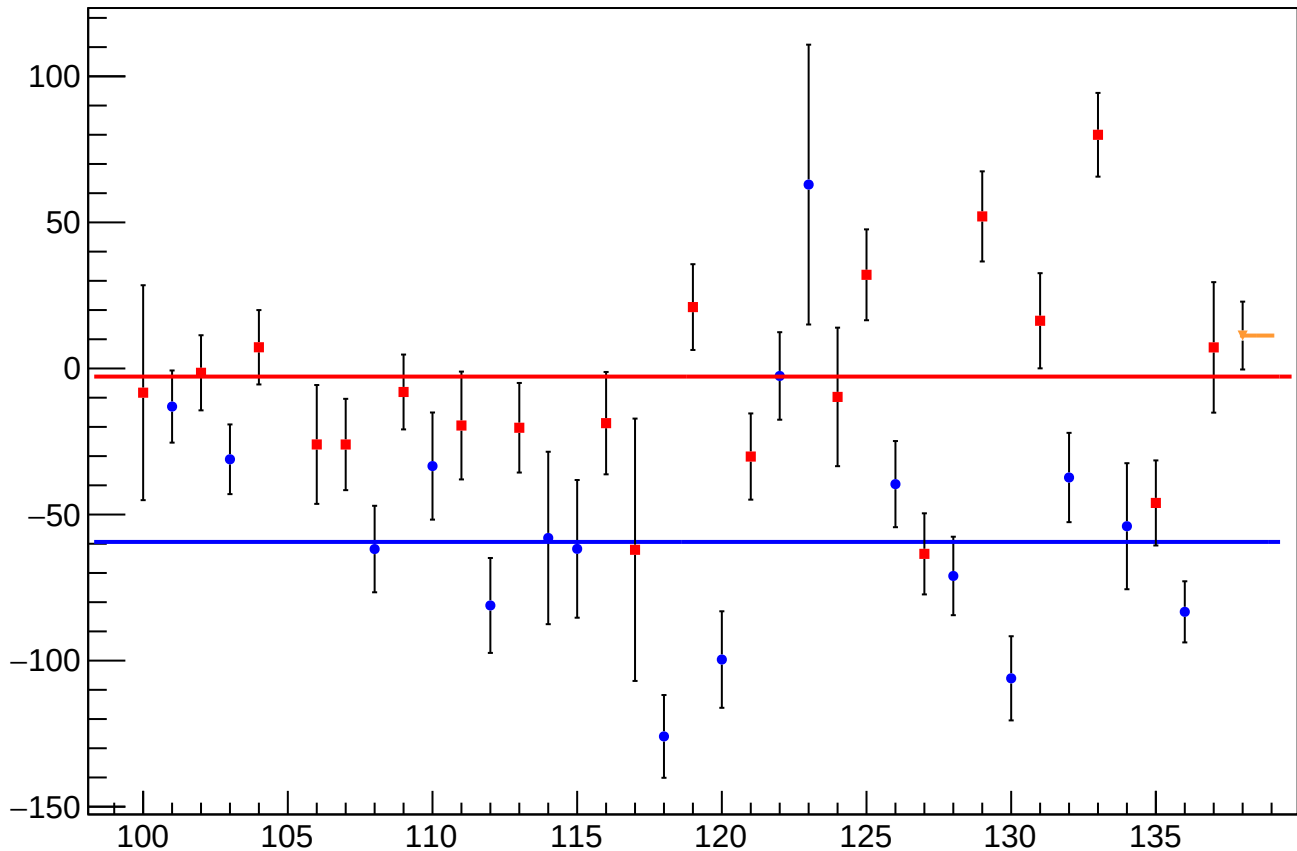
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1447.143 $\pm$ 0.377 χ^2 /NDF: 176642.4/17

1449.624 $\pm$ 0.270 χ^2 /NDF: 315310.6/37

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

diff_bpm0l02X_mean vs Slug, Sign Corrected



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

Left Out: 11.266 ± 11.614 χ^2/NDF : 0.0/0

Right Out: -2.776 ± 3.618 χ^2/NDF : 95.7/19

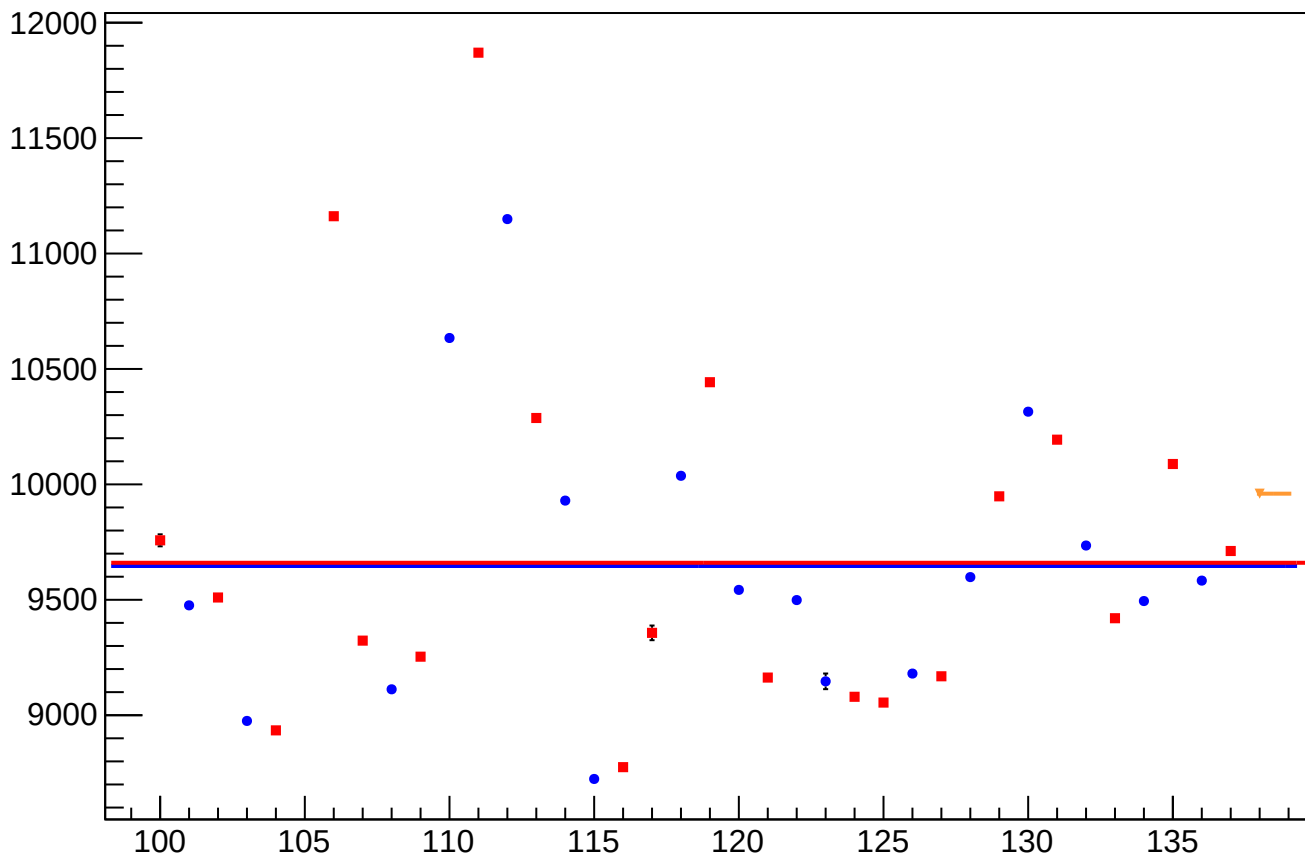
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-52.773 ± 3.550 χ^2/NDF : 126.4/17

-28.245 ± 2.534 χ^2/NDF : 319.4/37

-2.776 ± 3.618 χ^2/NDF : 95.7/19

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

Left Out: 9959.749 $\pm$ 8.212 χ^2 /NDF: 0.0/0

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

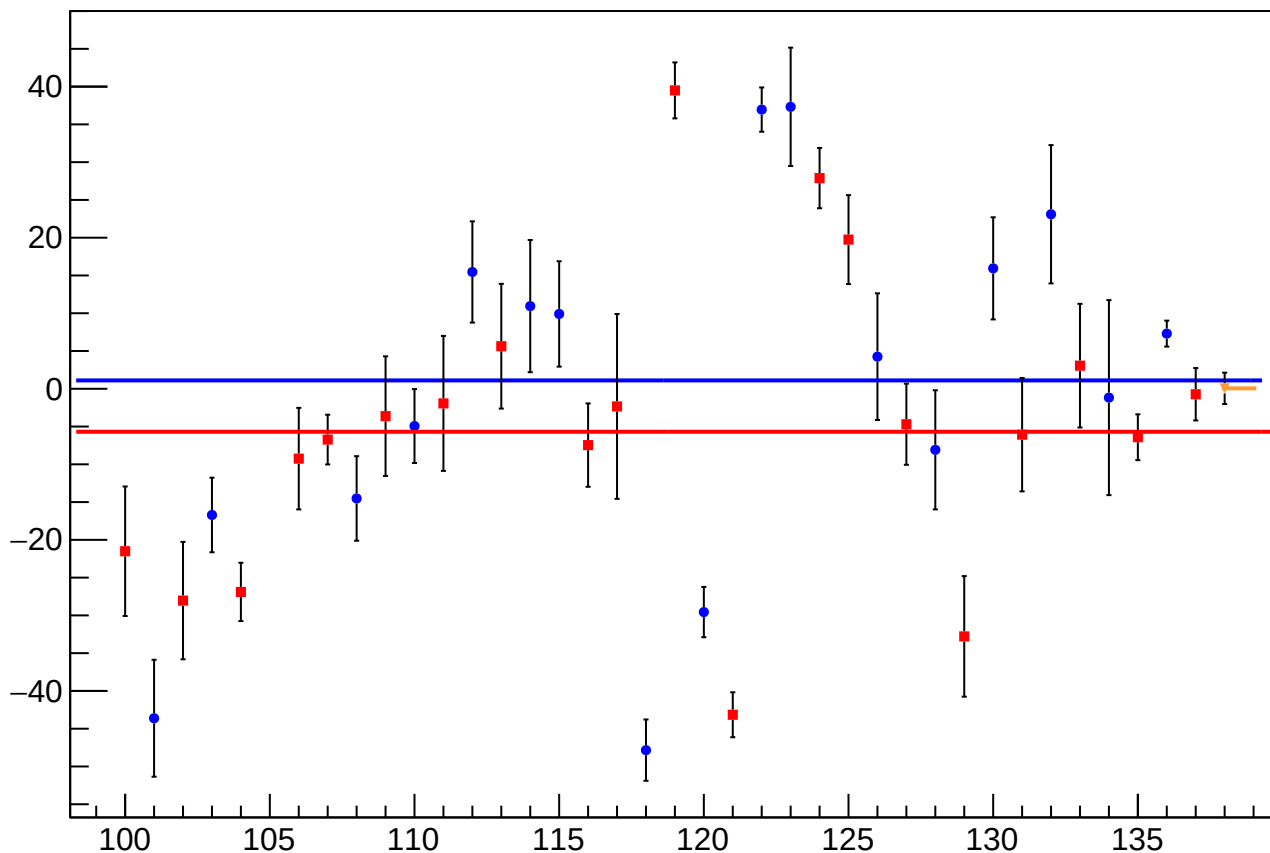
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9675.756 $\pm$ 2.510 χ^2 /NDF: 45379.5/17

9668.212 $\pm$ 1.792 χ^2 /NDF: 123073.9/37

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

diff_bpm0l02Y_mean vs Slug, Sign Corrected



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

Left Out: 0.056+/-2.077 χ^2/NDF : 0.0/0

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

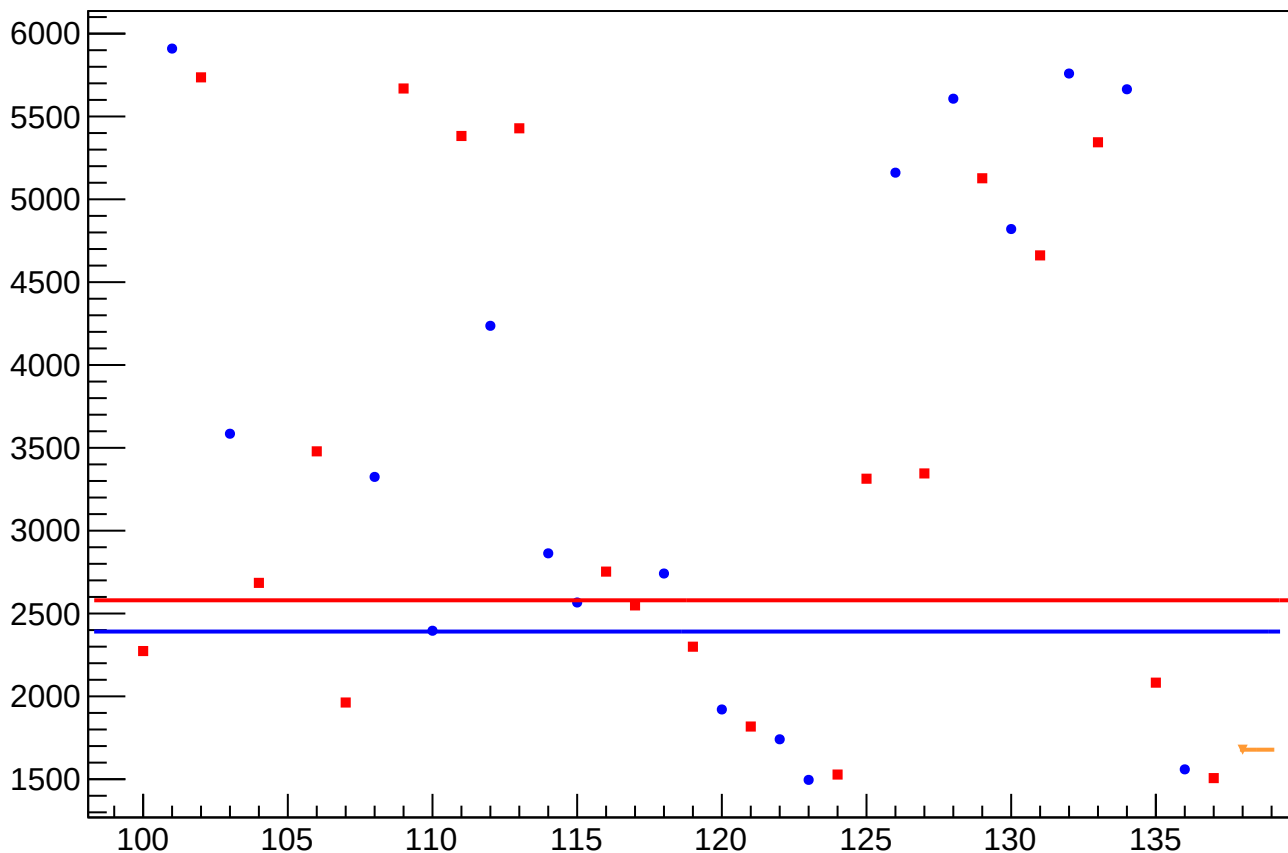
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.887+/-0.949 χ^2/NDF : 489.9/17

-1.957+/-0.715 χ^2/NDF : 966.7/37

-5.689+/-1.087 χ^2/NDF : 456.0/19

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

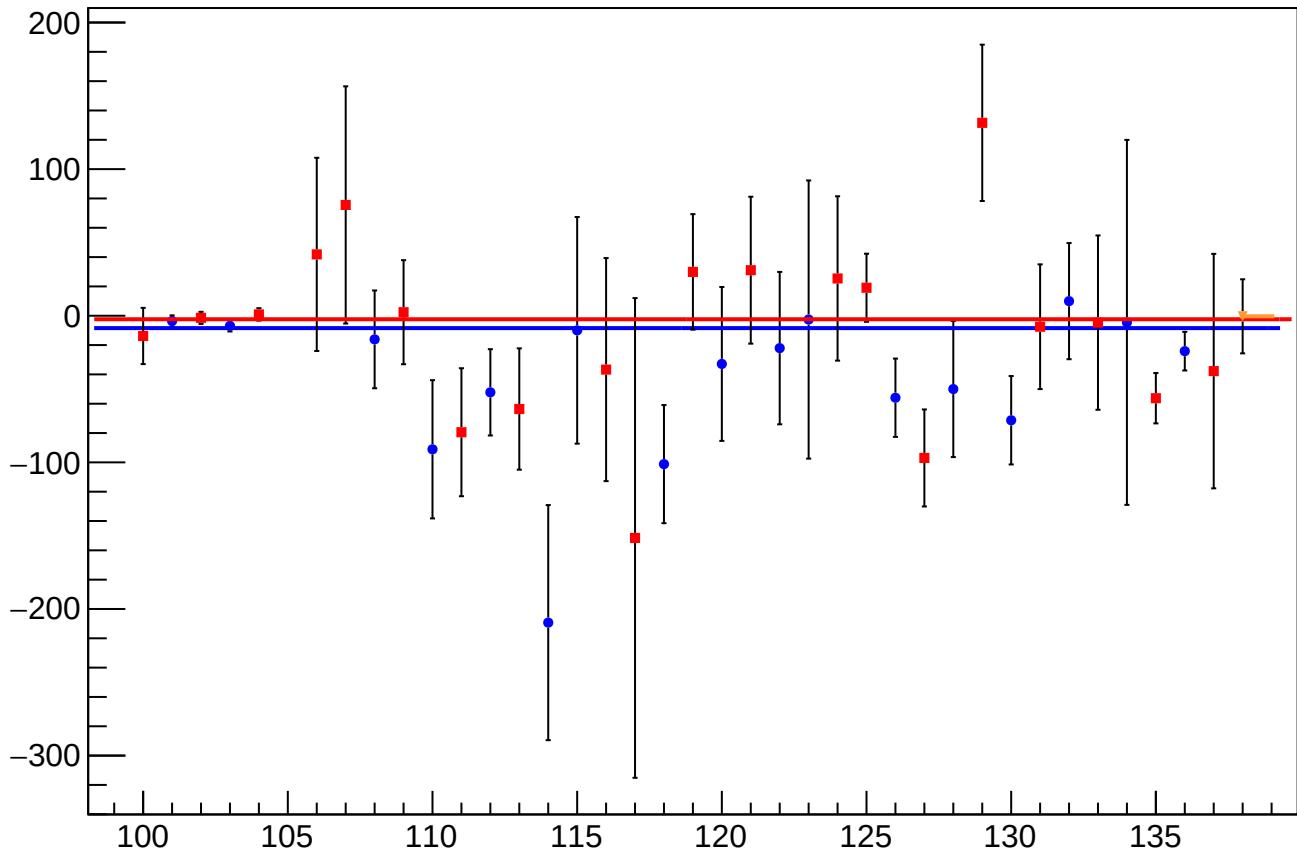
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2388.283+/-0.505 χ^2/NDF : 5261854.2/37

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

diff_bpm0l03X_mean vs Slug, Sign Corrected



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

Left Out: -0.396+/-25.267 χ^2/NDF : 0.0/0

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

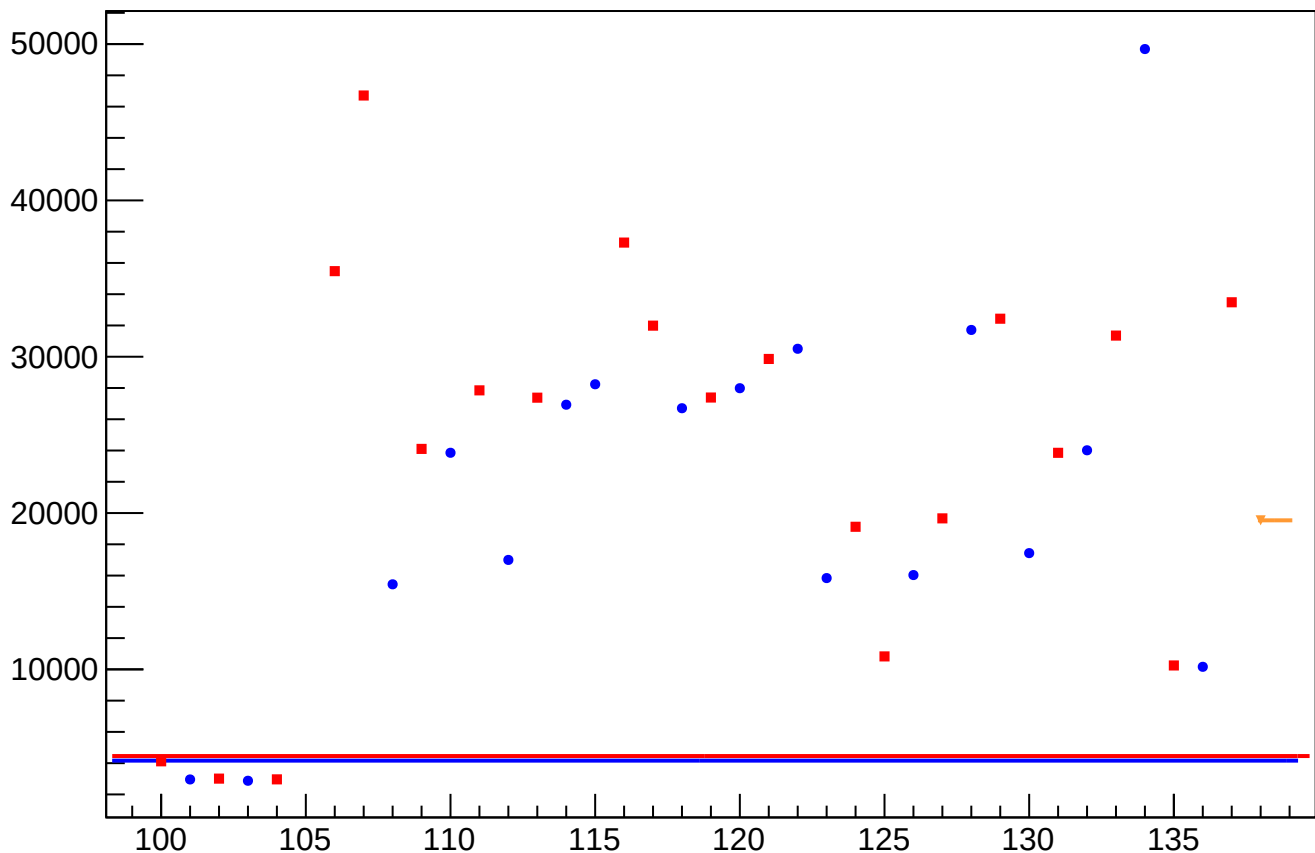
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.347+/-2.574 χ^2/NDF : 29.0/17

-5.605+/-1.891 χ^2/NDF : 67.0/37

-2.392+/-2.786 χ^2/NDF : 35.5/19

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

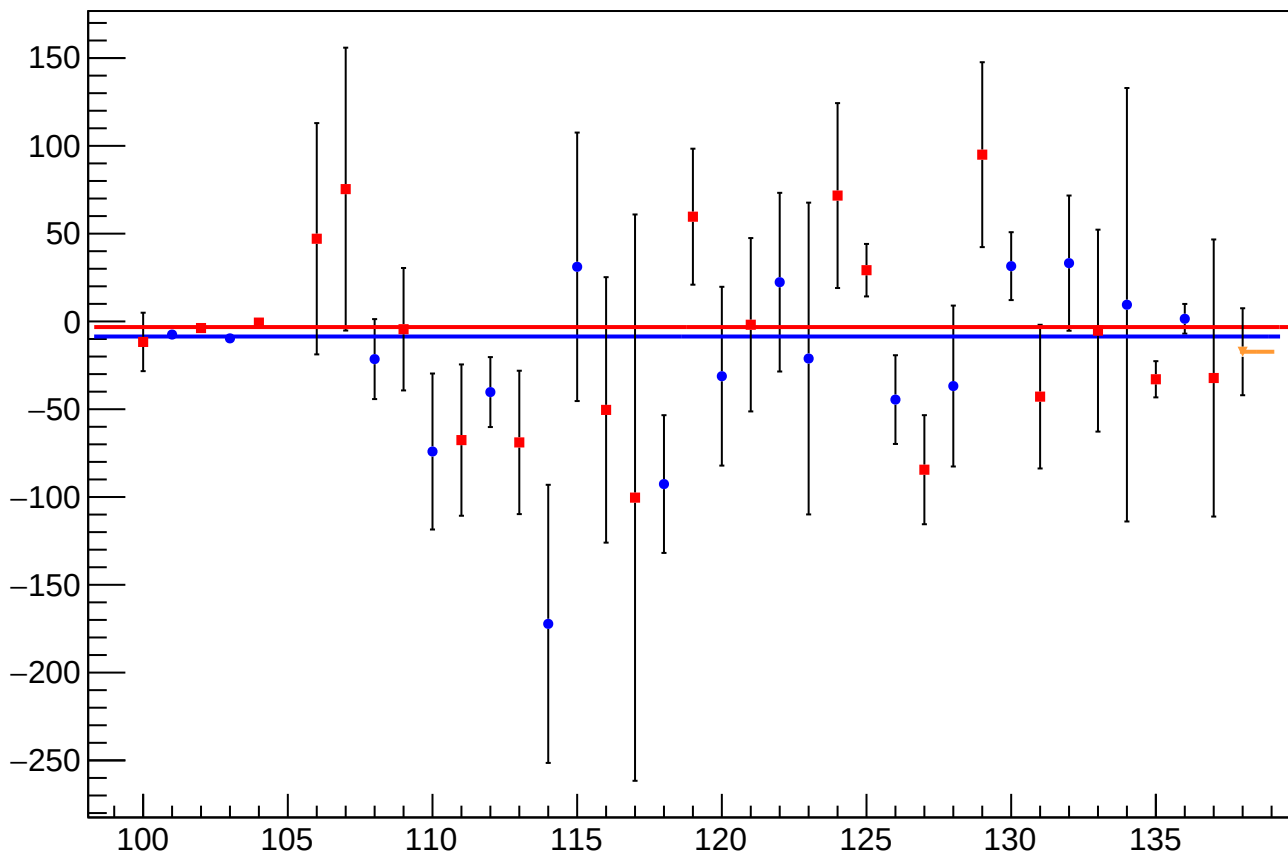
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4383.204+/-1.337 χ^2/NDF : 14208689.8/3

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

diff_bpm0l03Y_mean vs Slug, Sign Corrected



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

Left Out: -17.266 ± 24.766 χ^2/NDF : 0.0/0

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

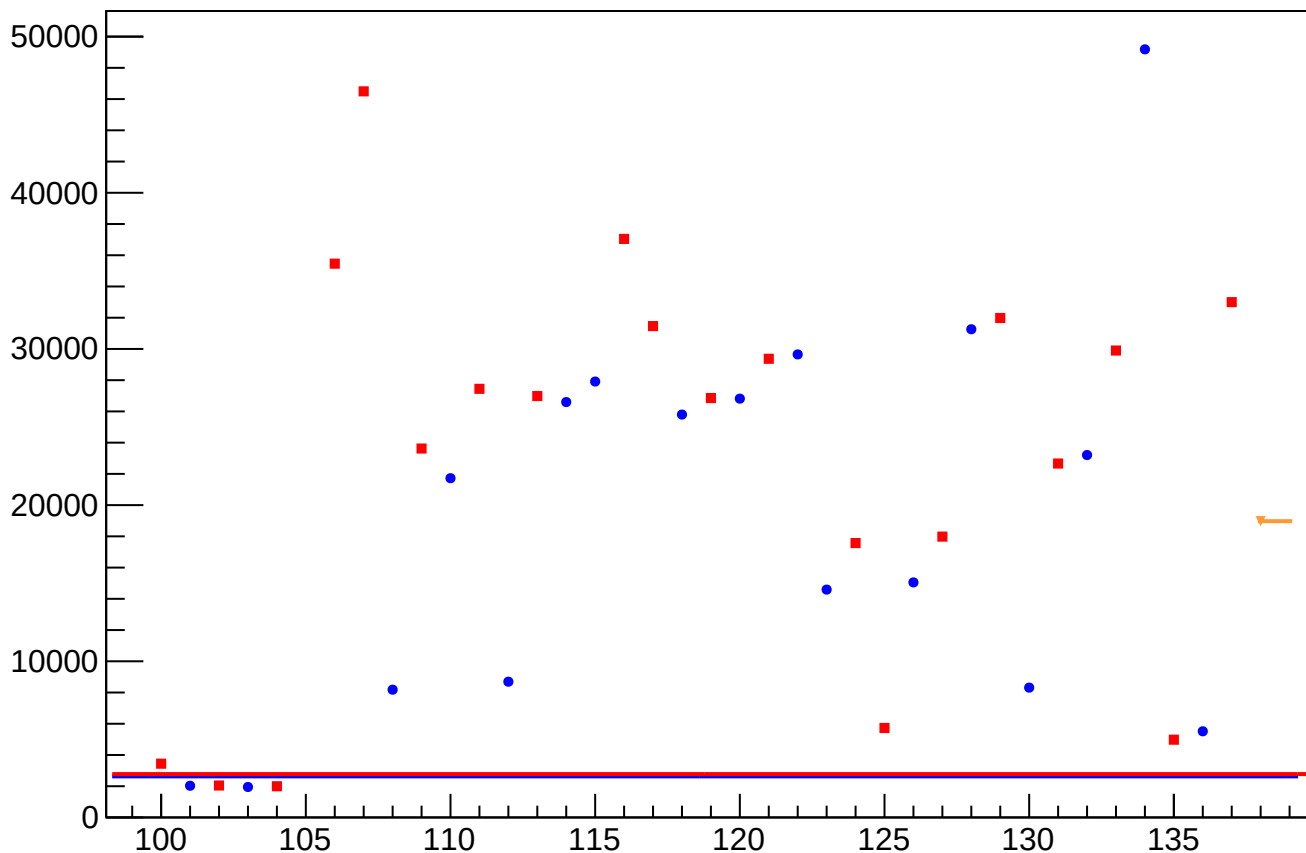
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.631 ± 1.773 χ^2/NDF : 24.5/17

-6.137 ± 1.303 χ^2/NDF : 66.1/37

-3.208 ± 1.922 χ^2/NDF : 37.2/19

diff_bpm0l03Y_rms vs Slug, Sign Corrected



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

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

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

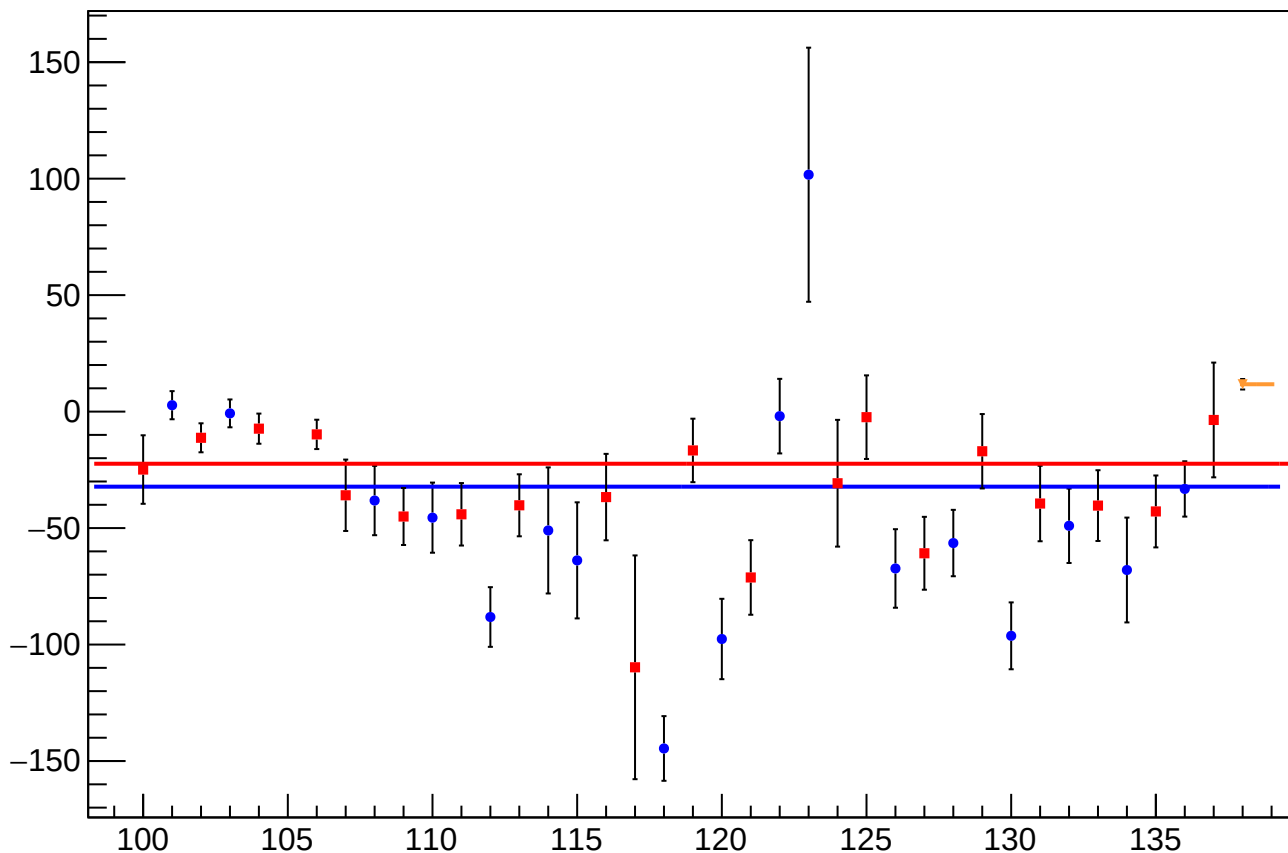
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2743.374+/-0.922 χ^2/NDF : 14355566.3/3

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

diff_bpm0l04X_mean vs Slug, Sign Corrected



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

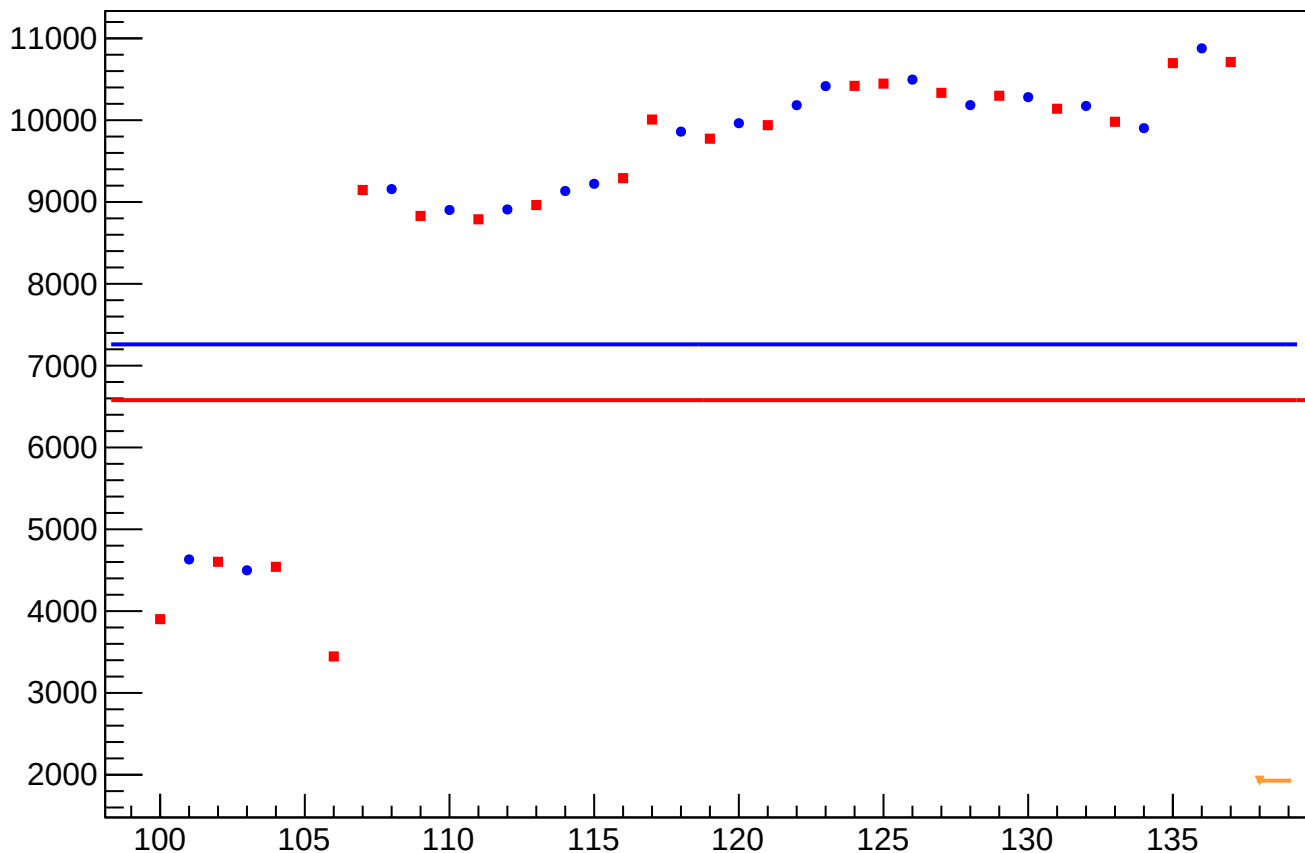
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-4.205 $\pm$ 1.795 χ^2 /NDF: 342.2/17

-9.878 $\pm$ 1.489 χ^2 /NDF: 421.2/37

-22.381 $\pm$ 2.665 χ^2 /NDF: 47.0/19

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

Left Out: 1927.812+/-1.590 χ^2/NDF : 0.0/0

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

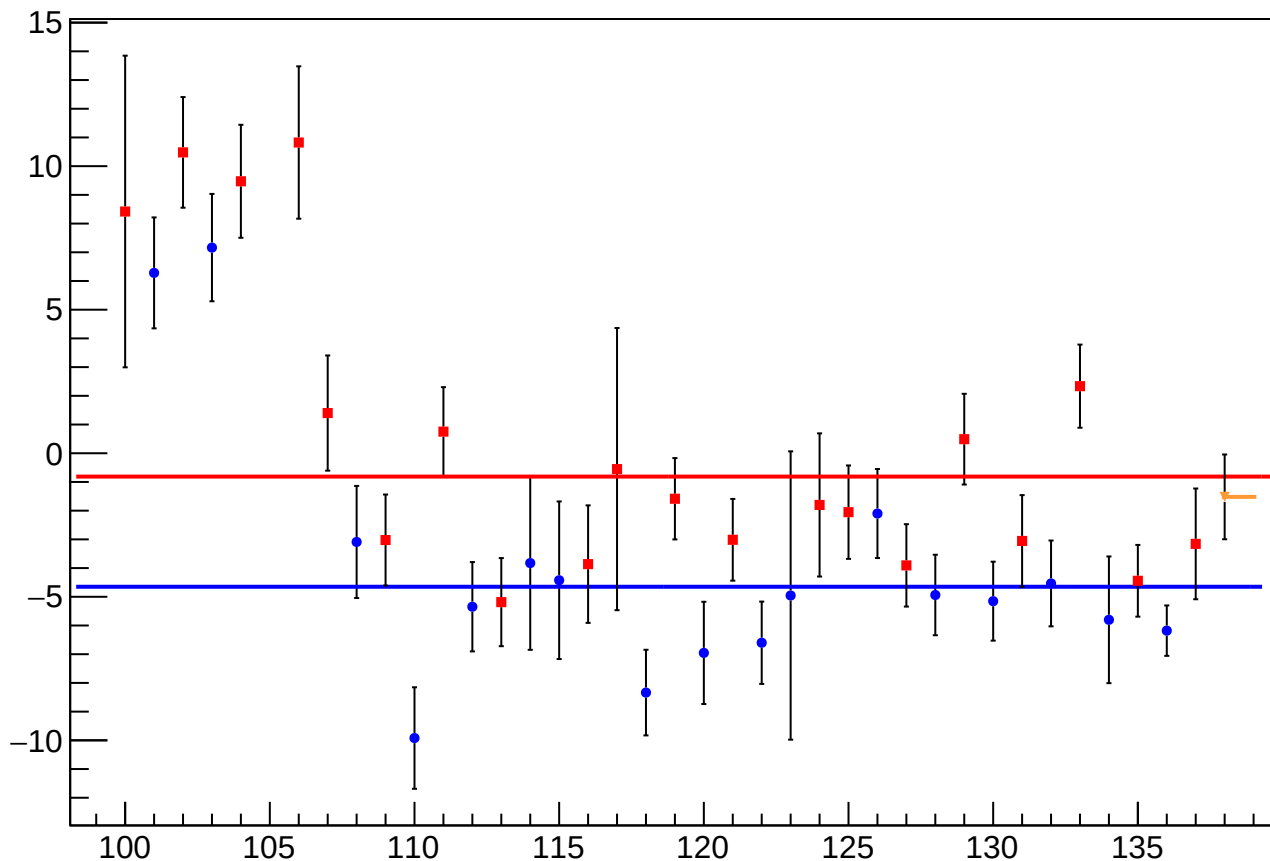
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

4709.882+/-1.053 χ^2/NDF : 9350194.3/37

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

diff_bpm0l04Y_mean vs Slug, Sign Corrected



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

Left Out: -1.520 ± 1.477 χ^2/NDF : 0.0/0

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

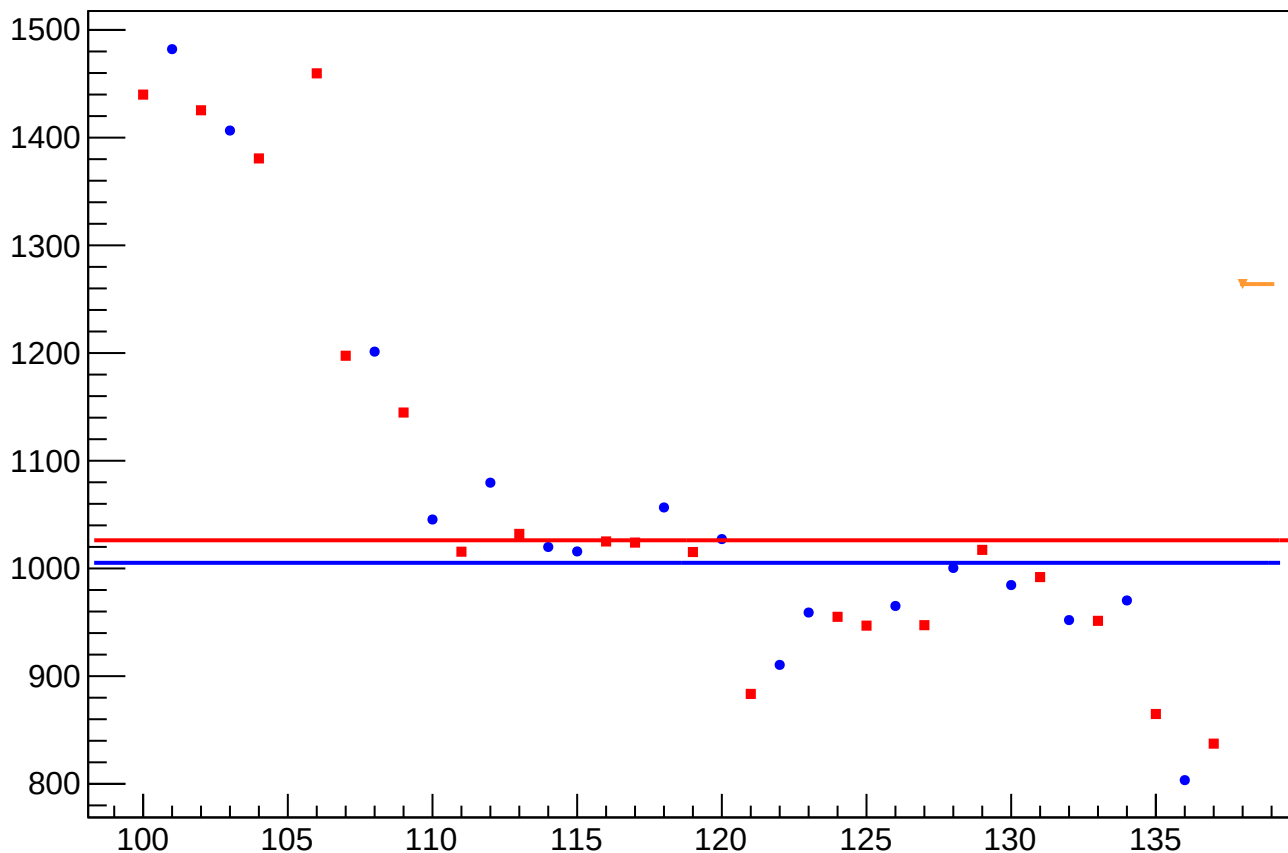
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.444 ± 0.379 χ^2/NDF : 101.8/17

-2.666 ± 0.271 χ^2/NDF : 270.3/37

-0.813 ± 0.387 χ^2/NDF : 123.7/19

diff_bpm0l04Y_rms vs Slug, Sign Corrected



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

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

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

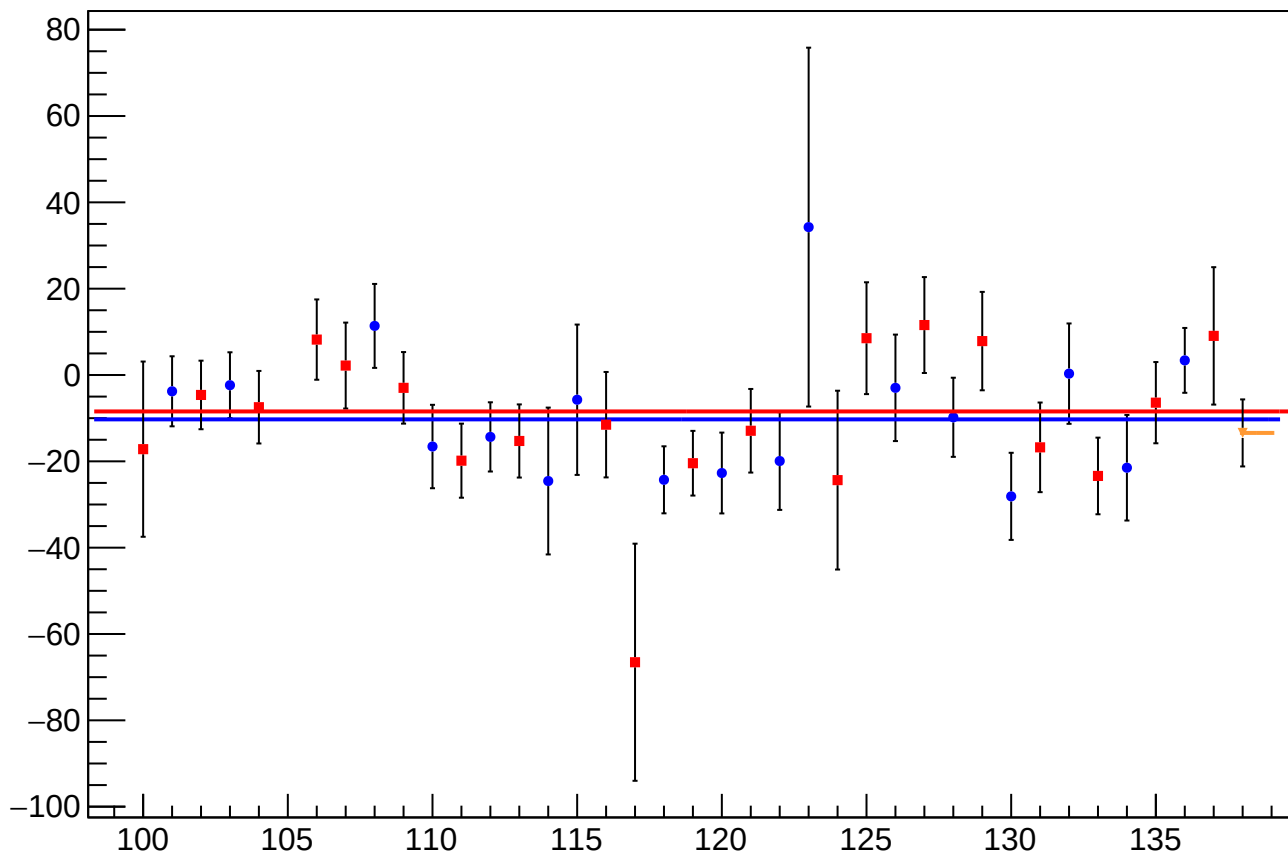
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1024.191+/-0.192 χ^2/NDF : 752552.0/37

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

diff_bpm0l05X_mean vs Slug, Sign Corrected



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

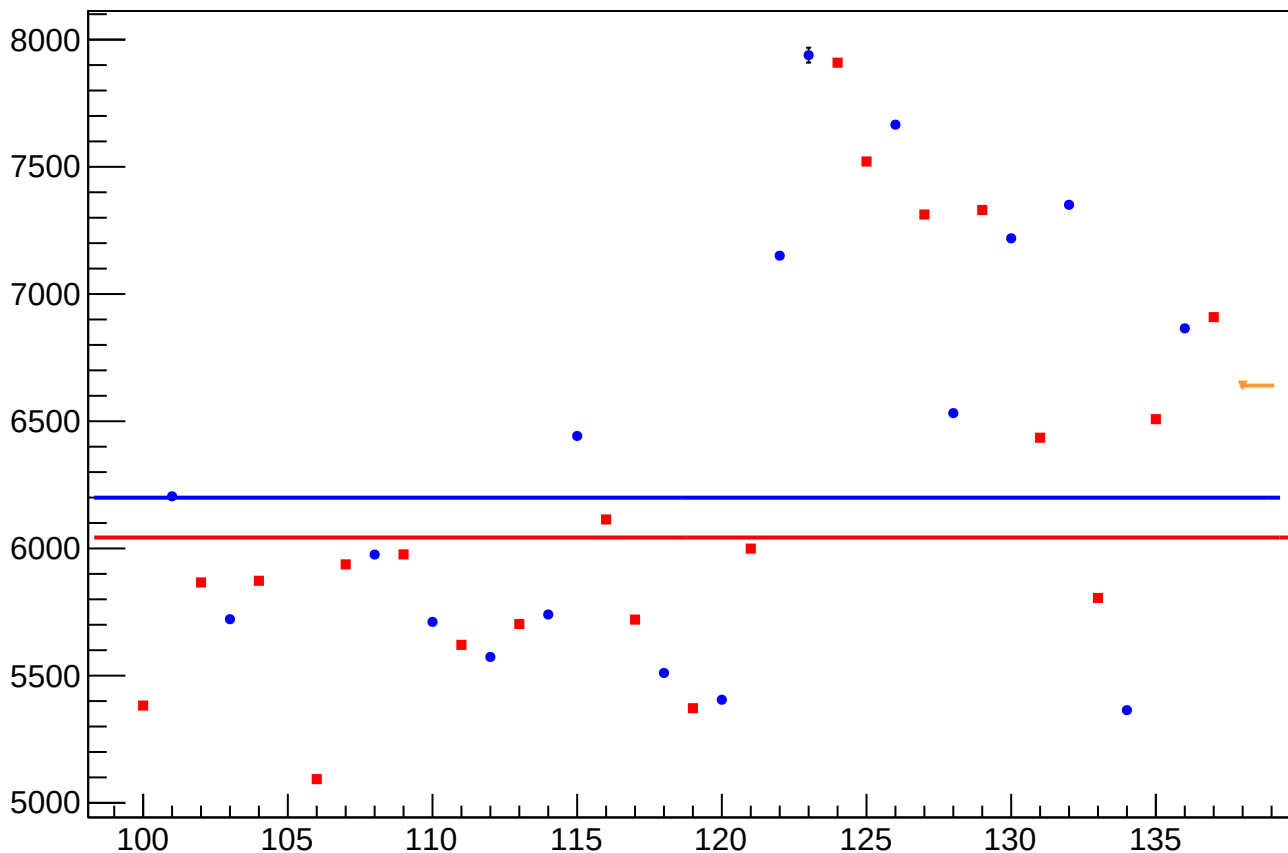
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-9.483 ± 1.616 $\chi^2/\text{NDF}: 51.3/37$

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

diff_bpm0l05X_rms vs Slug, Sign Corrected



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

Left Out: 6640.136 $\pm$ 5.491 χ^2 /NDF: 0.0/0

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

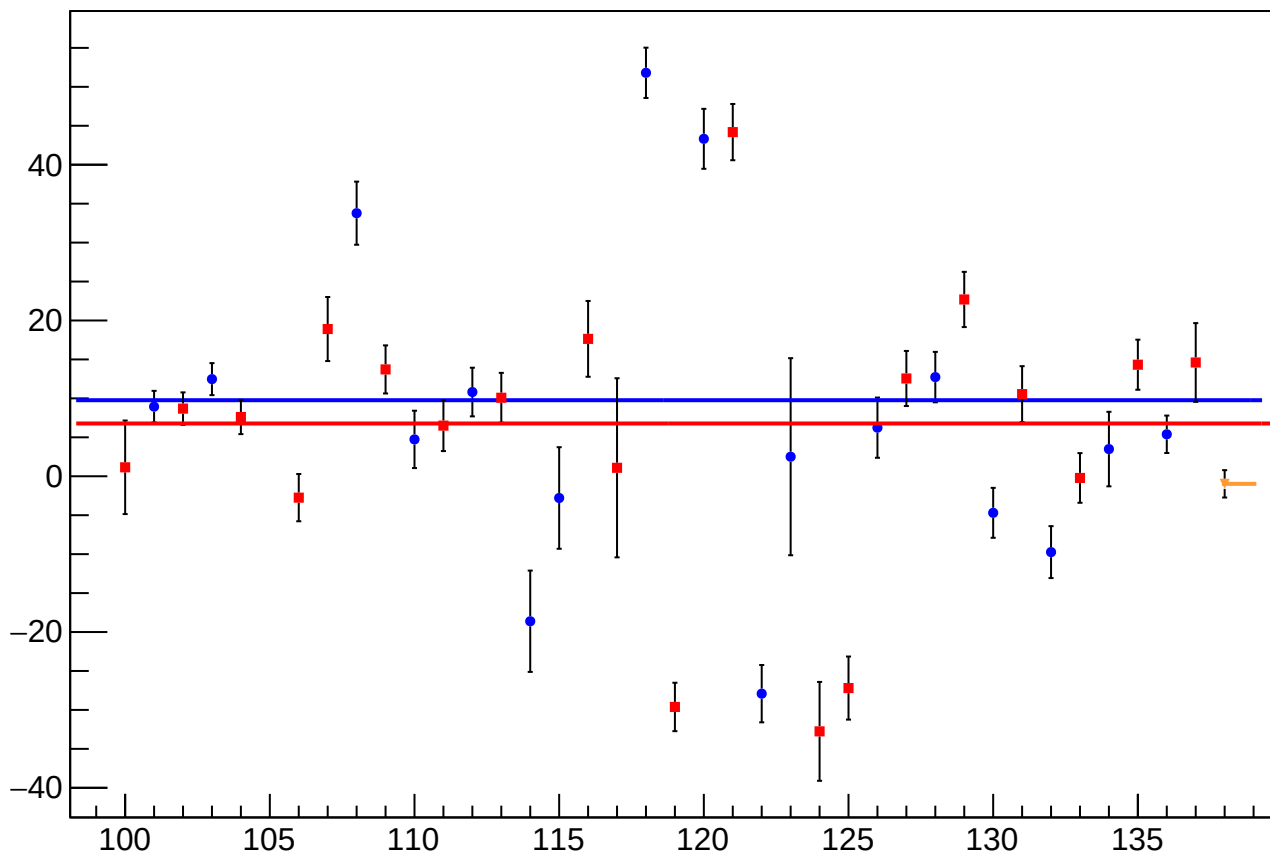
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6238.260 $\pm$ 1.626 χ^2 /NDF: 177632.9/17

6139.360 $\pm$ 1.143 χ^2 /NDF: 343538.1/37

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

diff_bpm0l05Y_mean vs Slug, Sign Corrected



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

Left Out: -0.973 $\pm$ 1.757 χ^2 /NDF: 0.0/0

Right Out: 6.776 $\pm$ 0.763 χ^2 /NDF: 422.1/19

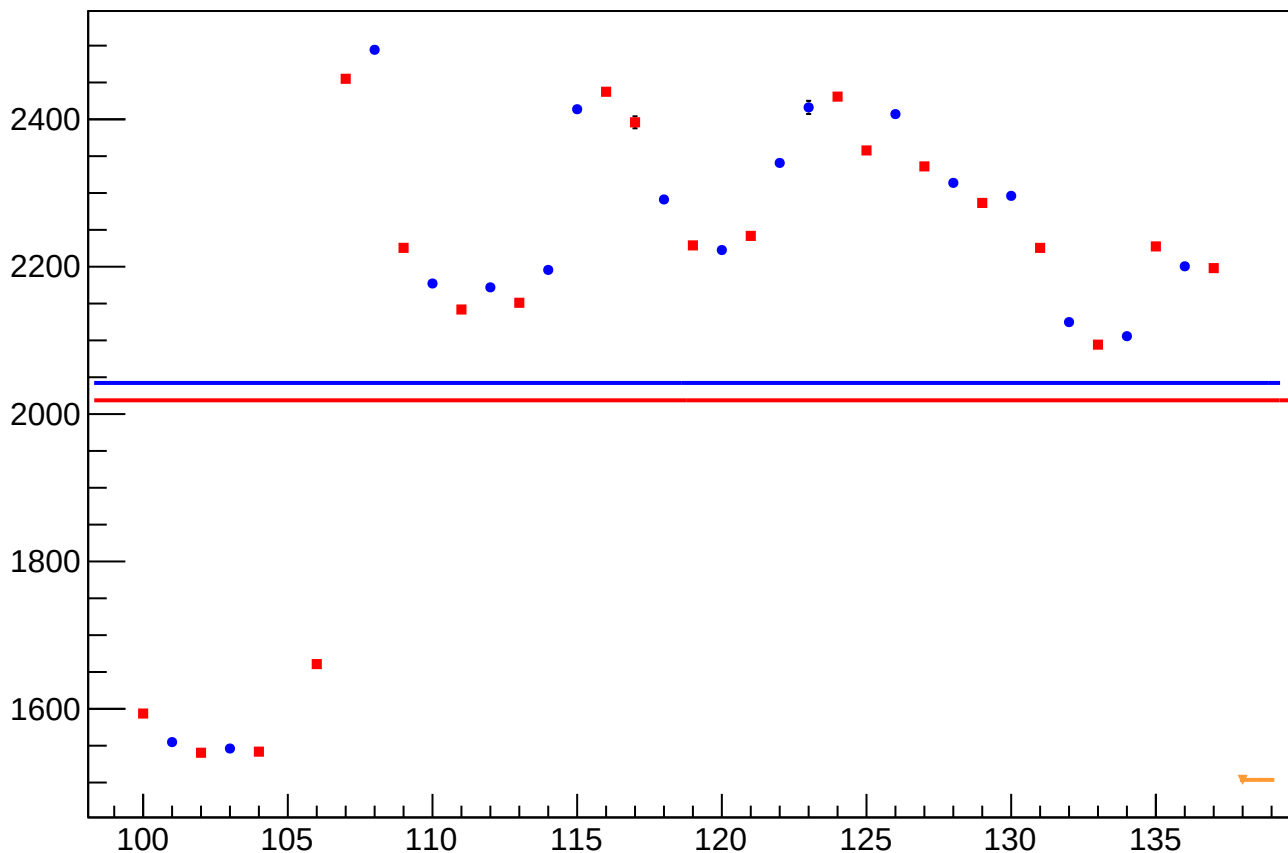
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.932 $\pm$ 0.726 χ^2 /NDF: 504.8/17

7.383 $\pm$ 0.526 χ^2 /NDF: 928.0/37

6.776 $\pm$ 0.763 χ^2 /NDF: 422.1/19

diff_bpm0l05Y_rms vs Slug, Sign Corrected



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

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

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

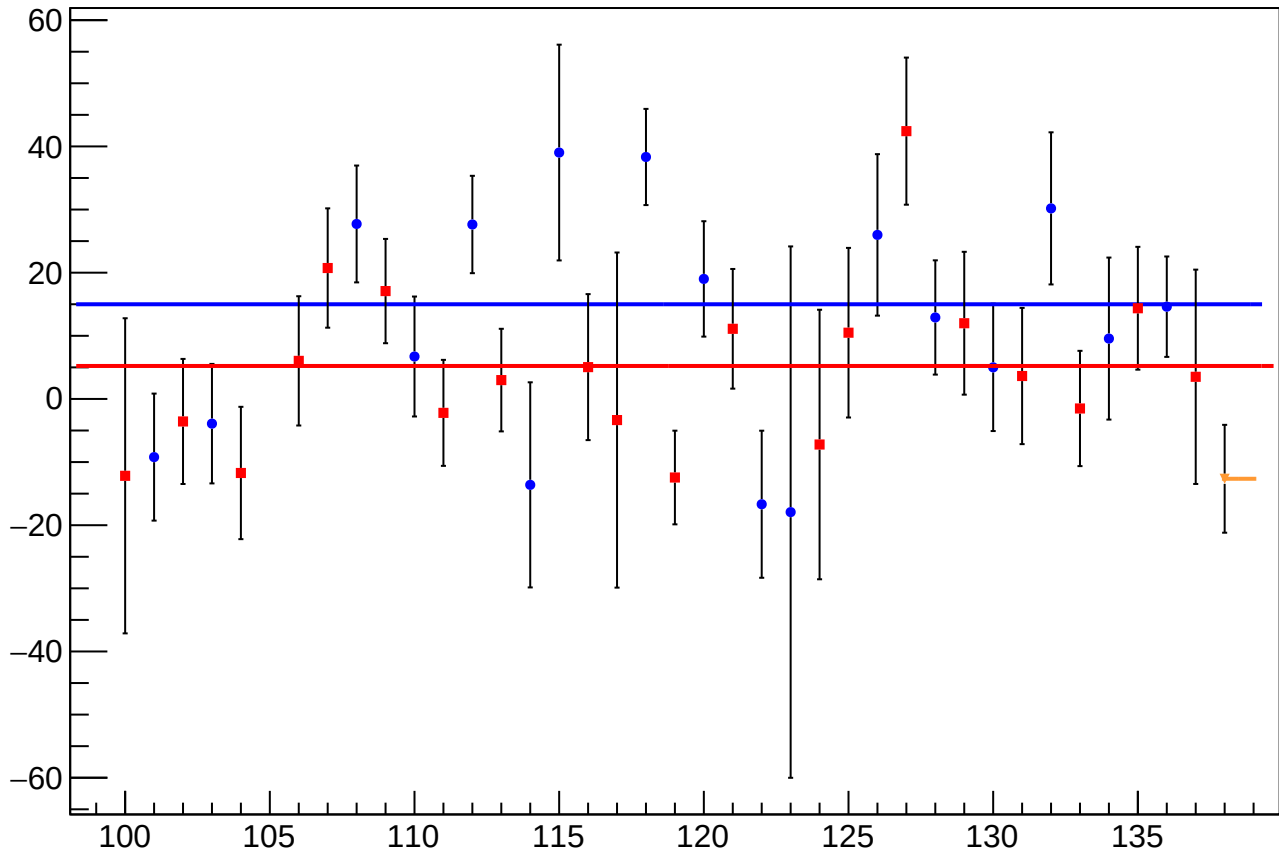
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1982.812+/-0.372 χ^2/NDF : 898977.1/37

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

diff_bpm0l06X_mean vs Slug, Sign Corrected



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

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

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

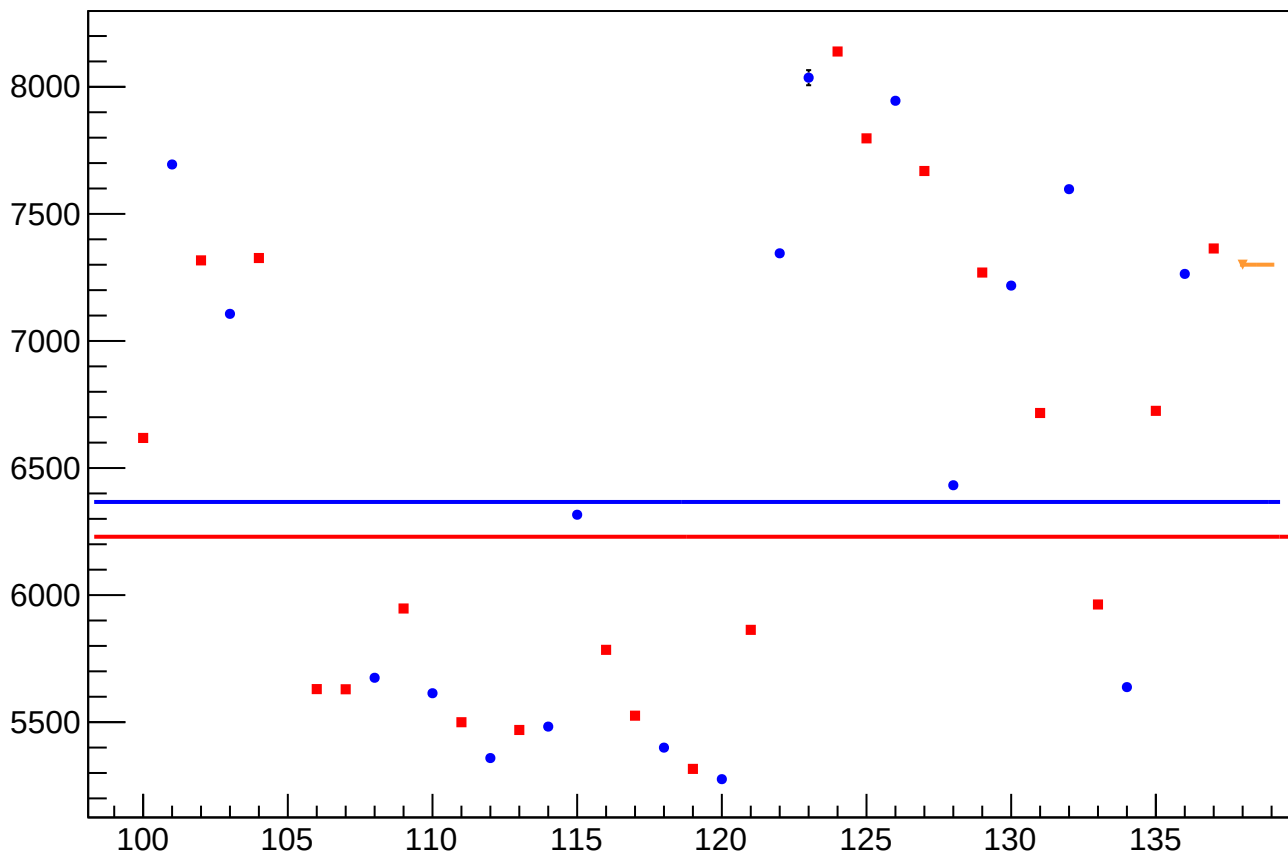
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.840+/-2.386 χ^2/NDF : 51.0/17

8.970+/-1.674 χ^2/NDF : 84.3/37

5.223+/-2.348 χ^2/NDF : 28.2/19

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

Left Out: 7300.205 $\pm$ 6.041 χ^2 /NDF: 0.0/0

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

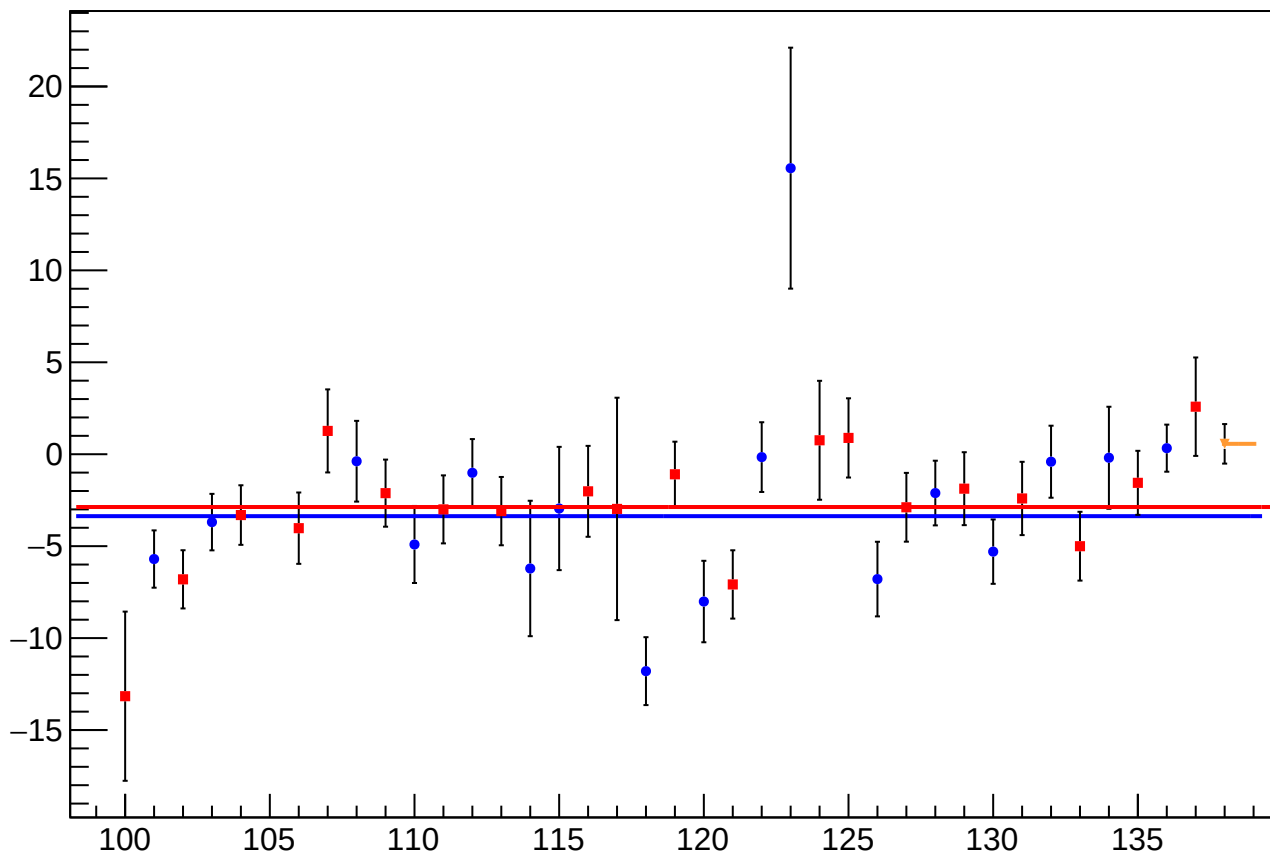
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6439.350 $\pm$ 1.687 χ^2 /NDF: 308522.2/17

6332.794 $\pm$ 1.184 χ^2 /NDF: 560993.4/37

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



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

Left Out: 0.565+/-1.075 χ^2/NDF : 0.0/0

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

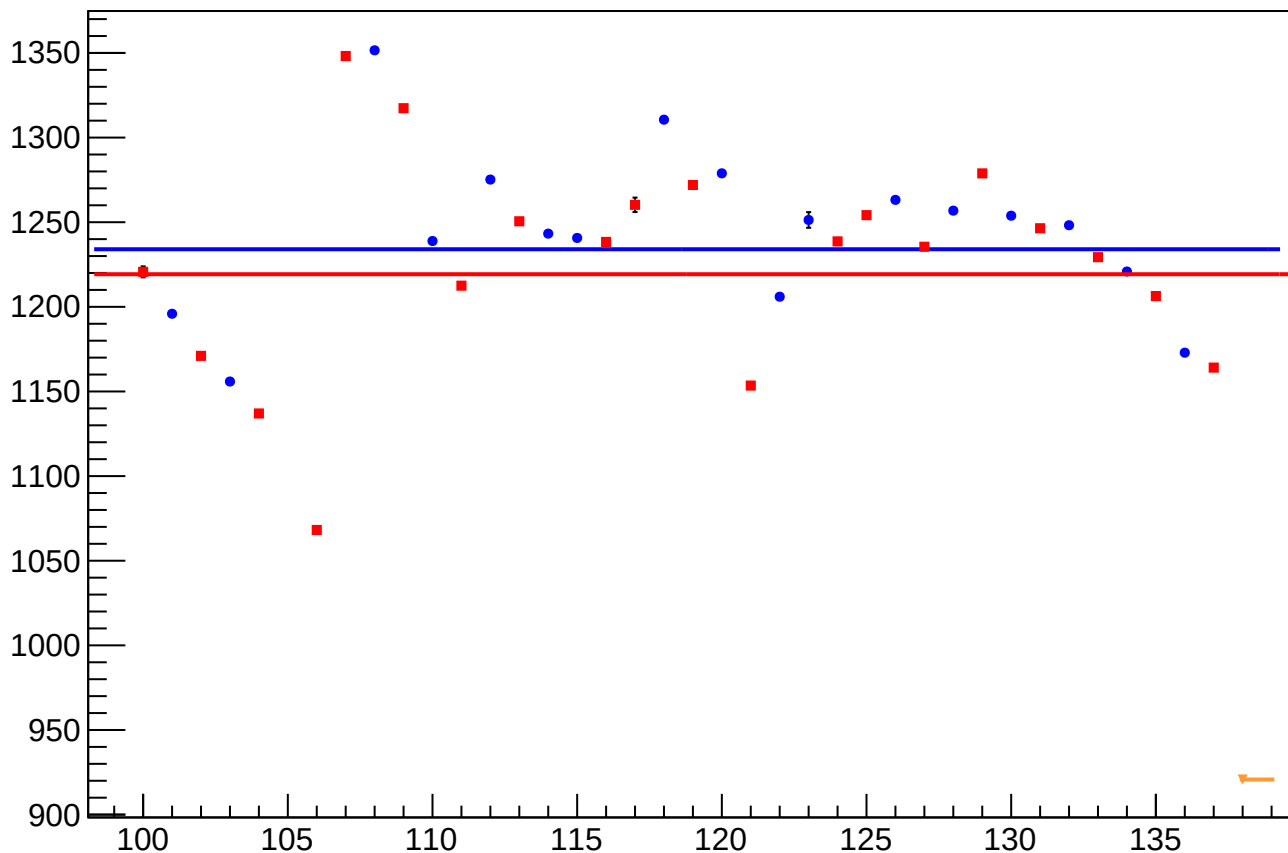
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.725+/-0.435 χ^2/NDF : 71.1/17

-2.795+/-0.314 χ^2/NDF : 103.2/37

-2.871+/-0.455 χ^2/NDF : 32.0/19

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

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

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

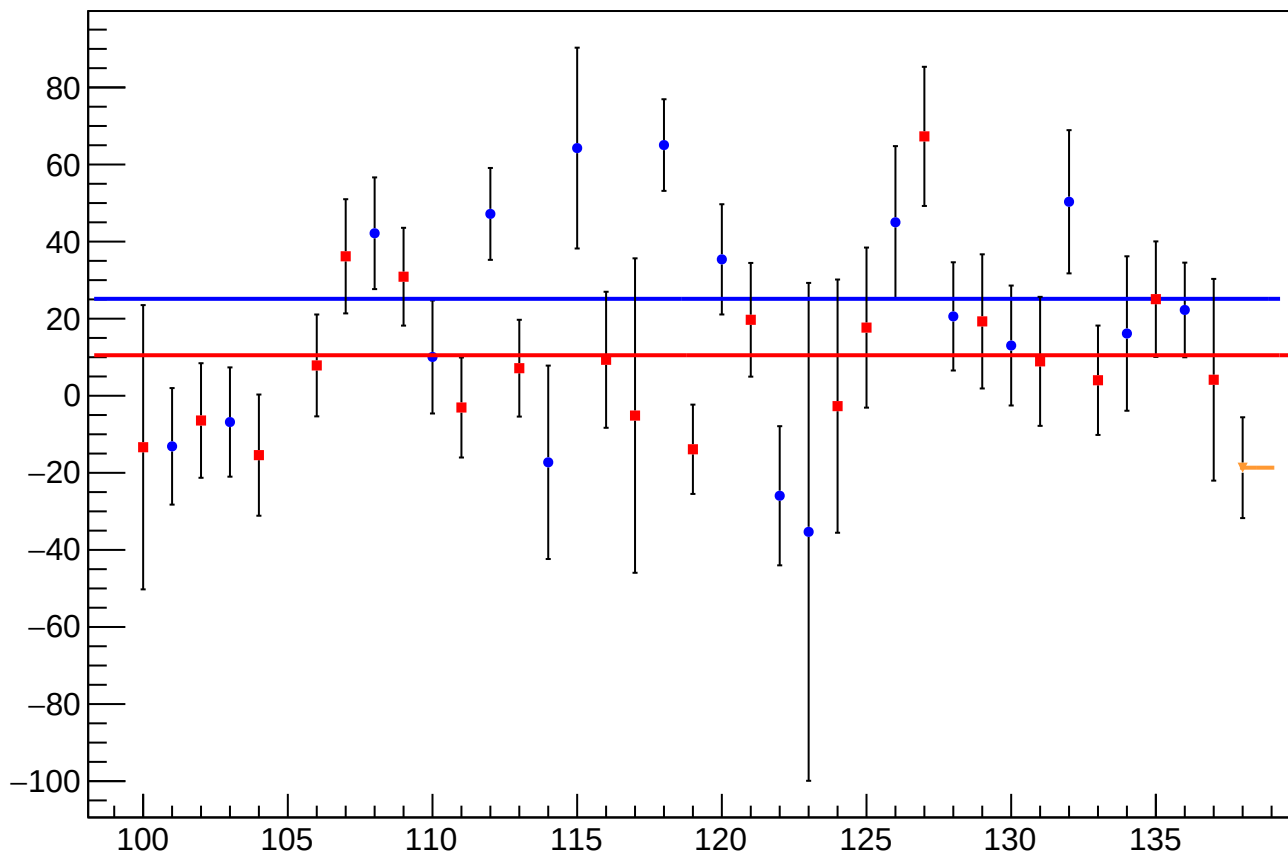
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1200.196 $\pm$ 0.222 χ^2 /NDF: 212784.7/37

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

diff_bpm0l07X_mean vs Slug, Sign Corrected



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

Left Out: -18.665+/-13.082 χ^2 /NDF: 0.0/0

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

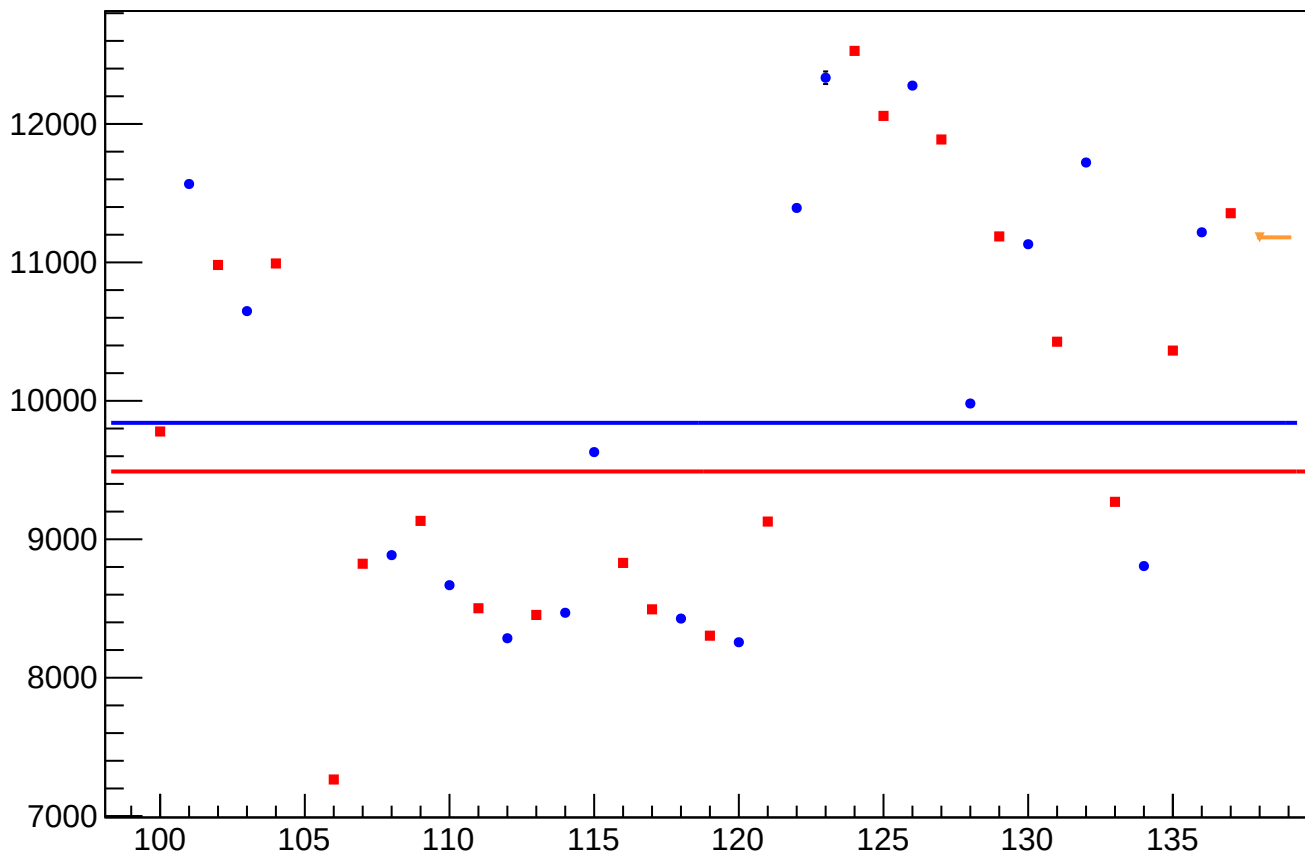
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

21.678+/-3.682 χ^2 /NDF: 57.3/17

15.939+/-2.567 χ^2 /NDF: 89.8/37

10.513+/-3.581 χ^2 /NDF: 27.8/19

diff_bpm0l07X_rms vs Slug, Sign Corrected



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

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

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

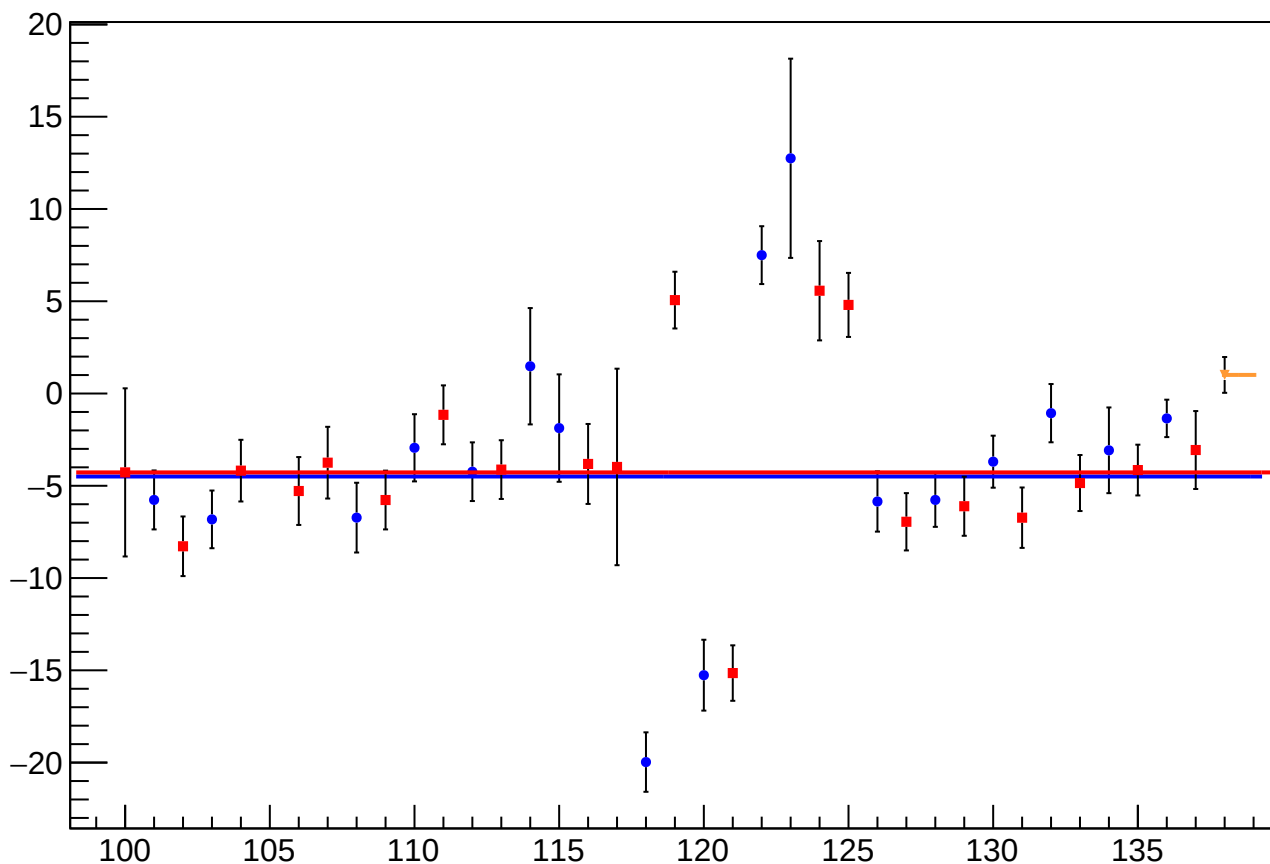
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

9712.142+/-1.815 χ^2/NDF : 573145.9/37

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

diff_bpm0l07Y_mean vs Slug, Sign Corrected



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

Left Out: 1.008 ± 0.970 χ^2/NDF : 0.0/0

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

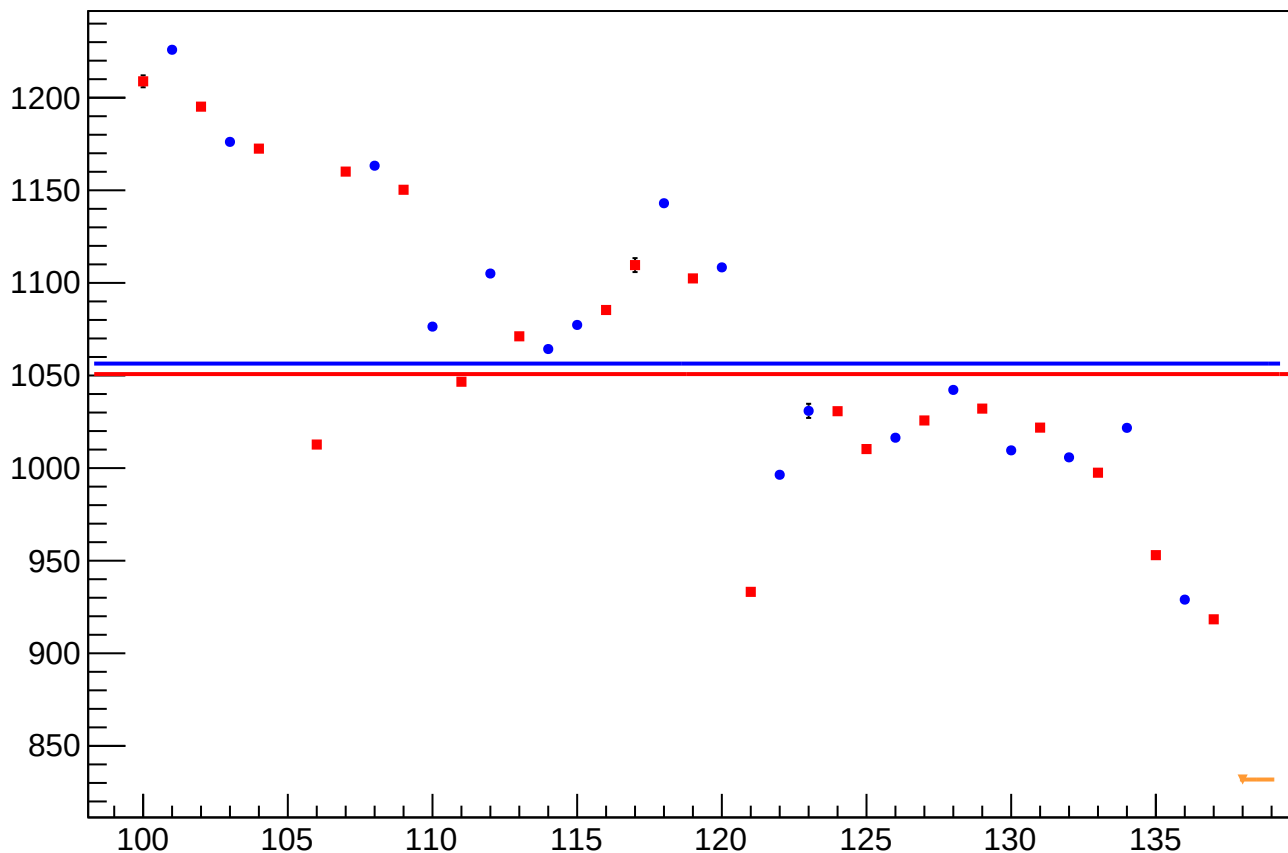
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.669 ± 0.376 χ^2/NDF : 245.8/17

-3.959 ± 0.272 χ^2/NDF : 395.2/37

-4.275 ± 0.393 χ^2/NDF : 148.2/19

diff_bpm0l07Y_rms vs Slug, Sign Corrected



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

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

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

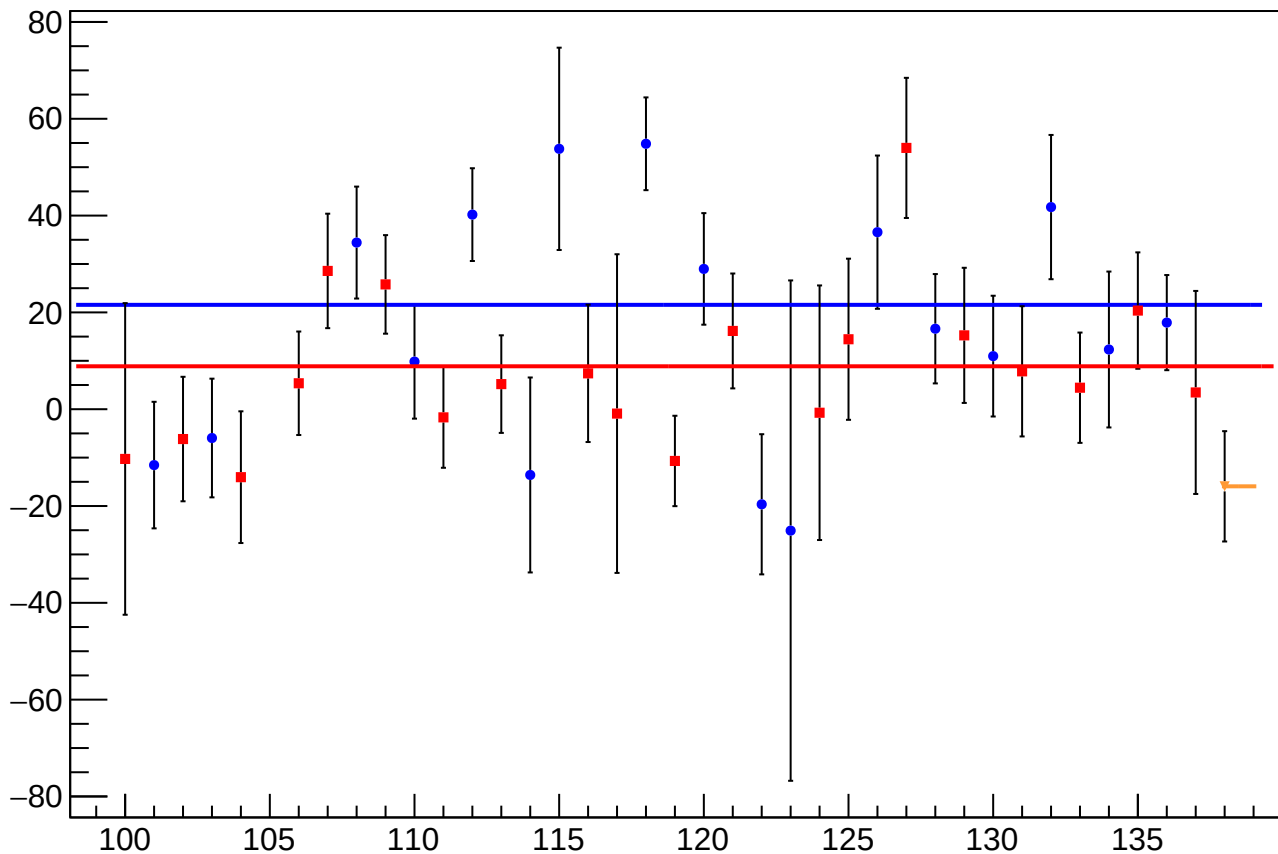
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1036.105+/-0.192 χ^2/NDF : 269831.3/37

1050.765+/-0.278 χ^2/NDF : 82642.2/19

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

Left Out: -15.931 $\pm$ 11.396 χ^2 /NDF: 0.0/0

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

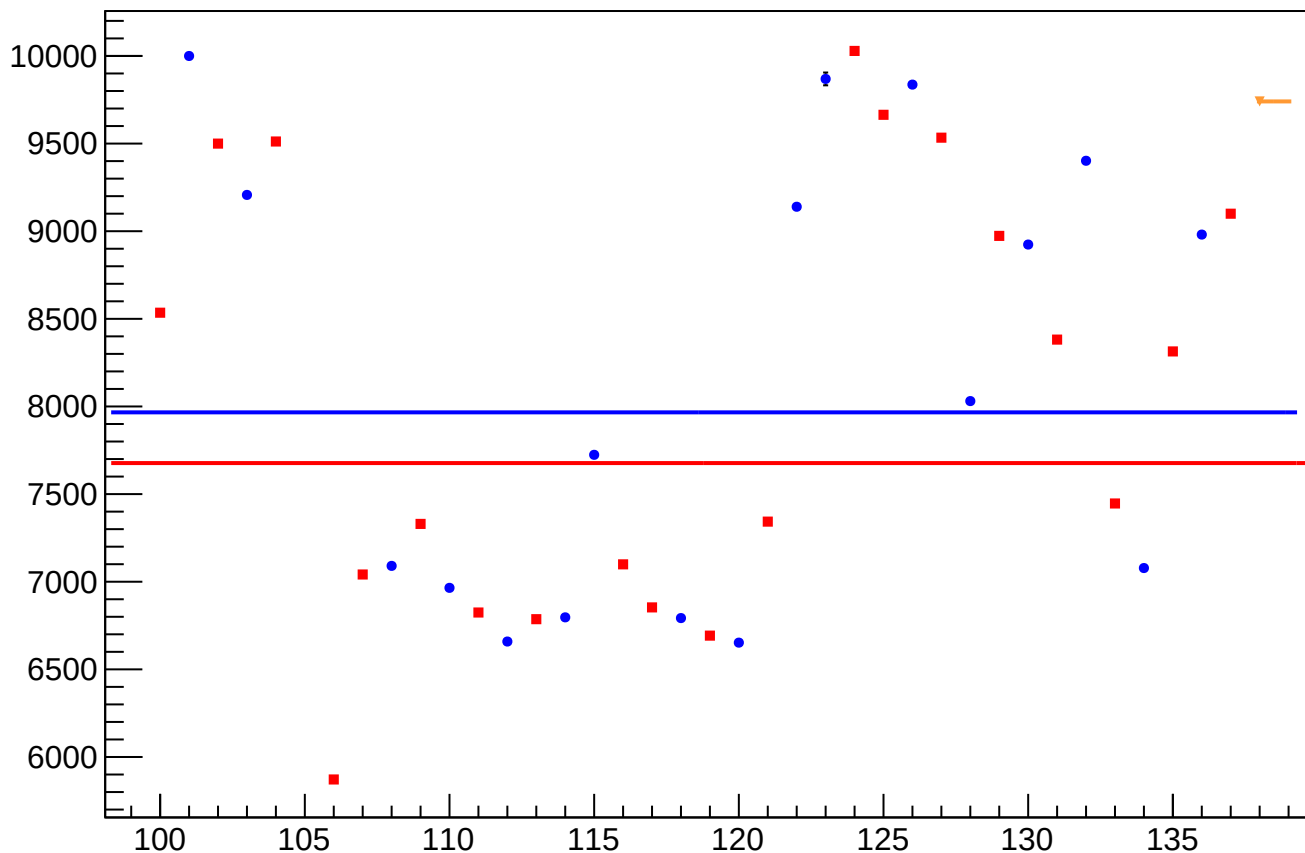
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

18.962 $\pm$ 3.001 χ^2 /NDF: 58.5/17

13.743 $\pm$ 2.085 χ^2 /NDF: 91.8/37

8.867 $\pm$ 2.901 χ^2 /NDF: 27.5/19

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

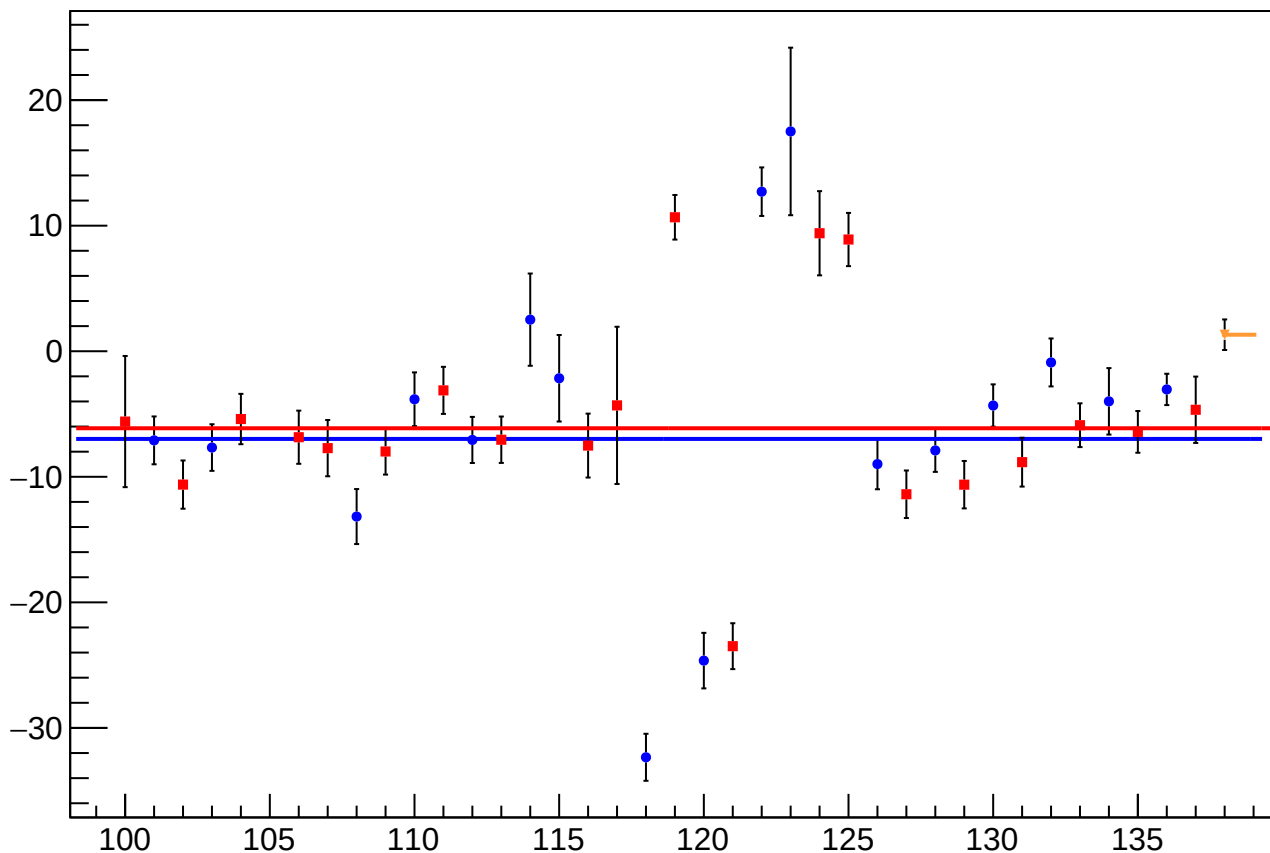
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

7876.227+/-1.475 χ^2/NDF : 677542.7/37

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

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

Left Out: 1.316 ± 1.217 χ^2/NDF : 0.0/0

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

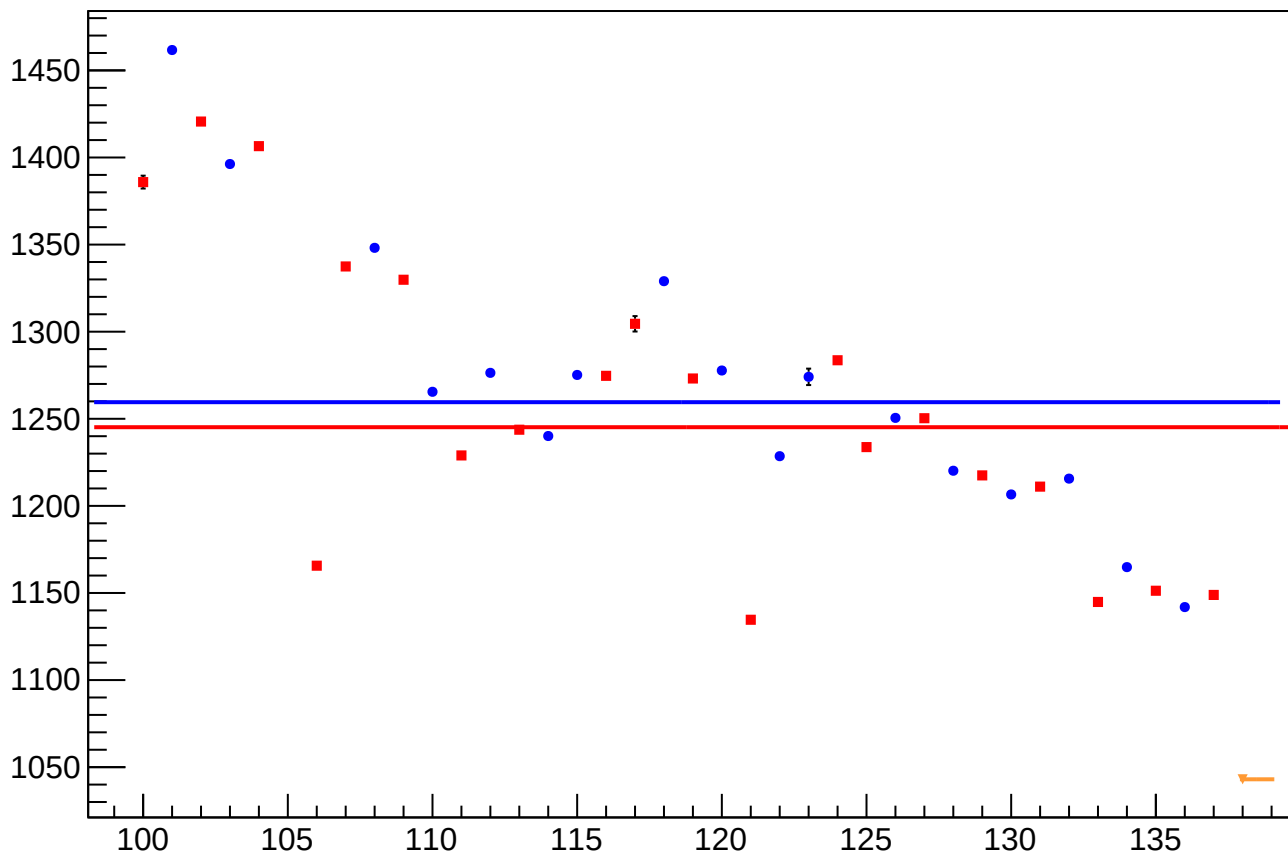
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.841 ± 0.451 χ^2/NDF : 448.6/17

-5.984 ± 0.324 χ^2/NDF : 726.4/37

-6.135 ± 0.465 χ^2/NDF : 277.6/19

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

Left Out: 1043.035+/-0.860 χ^2/NDF : 0.0/0

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

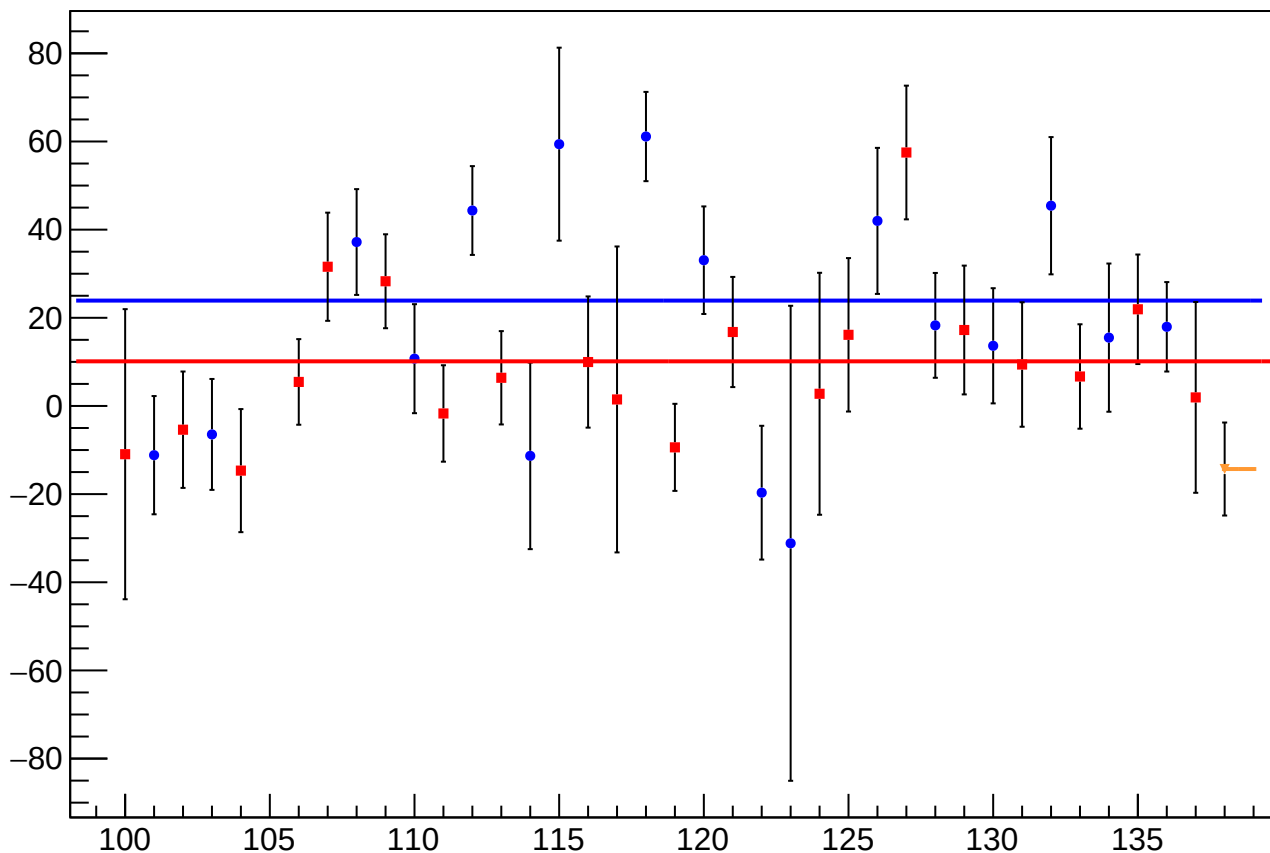
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1229.731+/-0.319 χ^2/NDF : 119432.8/17

1237.215+/-0.229 χ^2/NDF : 187573.1/37

1245.167+/-0.329 χ^2/NDF : 67006.8/19

diff_bpm0l09X_mean vs Slug, Sign Corrected



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

Left Out: -14.308 $\pm$ 10.549 χ^2 /NDF: 0.0/0

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

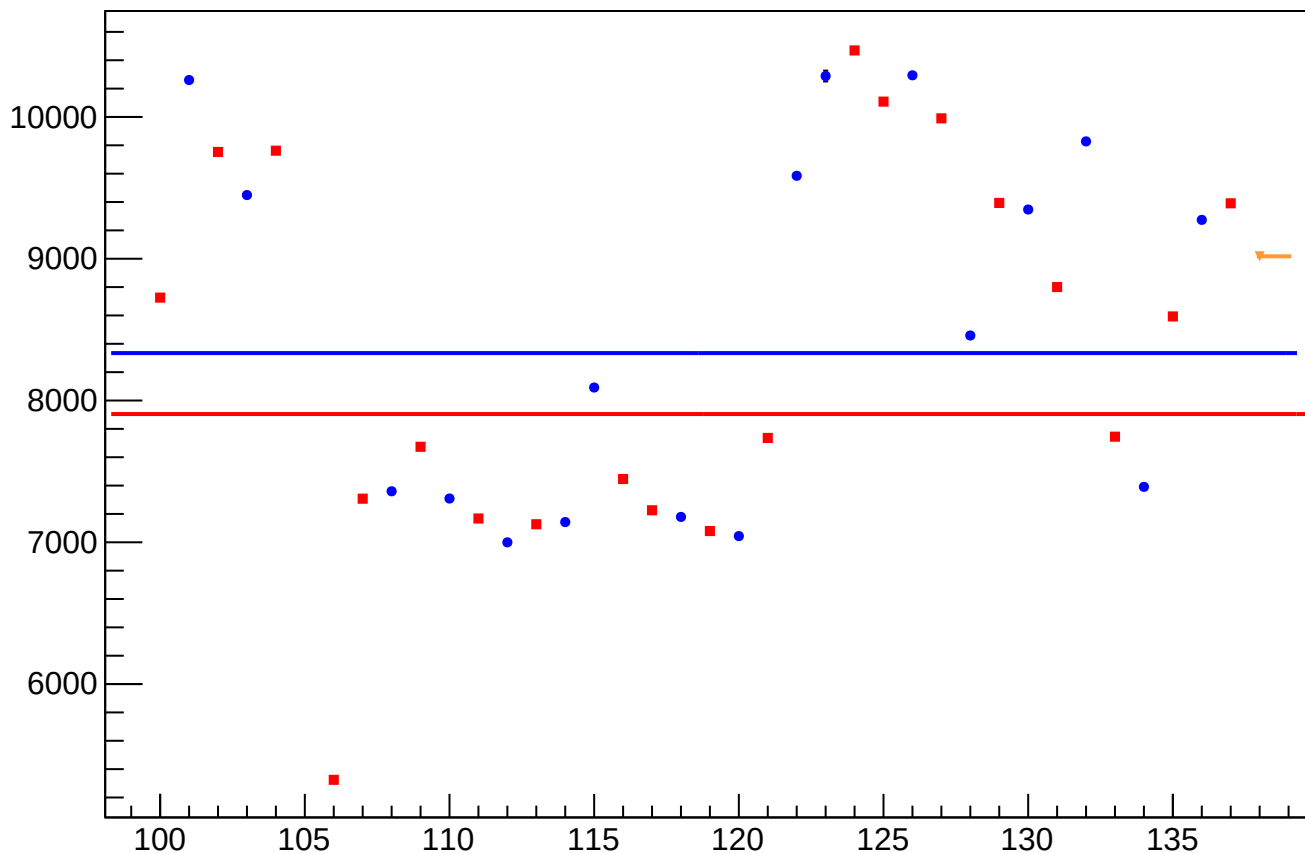
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.591 $\pm$ 3.106 χ^2 /NDF: 64.4/17

15.166 $\pm$ 2.156 χ^2 /NDF: 98.3/37

10.125 $\pm$ 2.994 χ^2 /NDF: 28.0/19

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

Left Out: 9017.074 $\pm$ 7.459 χ^2 /NDF: 0.0/0

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

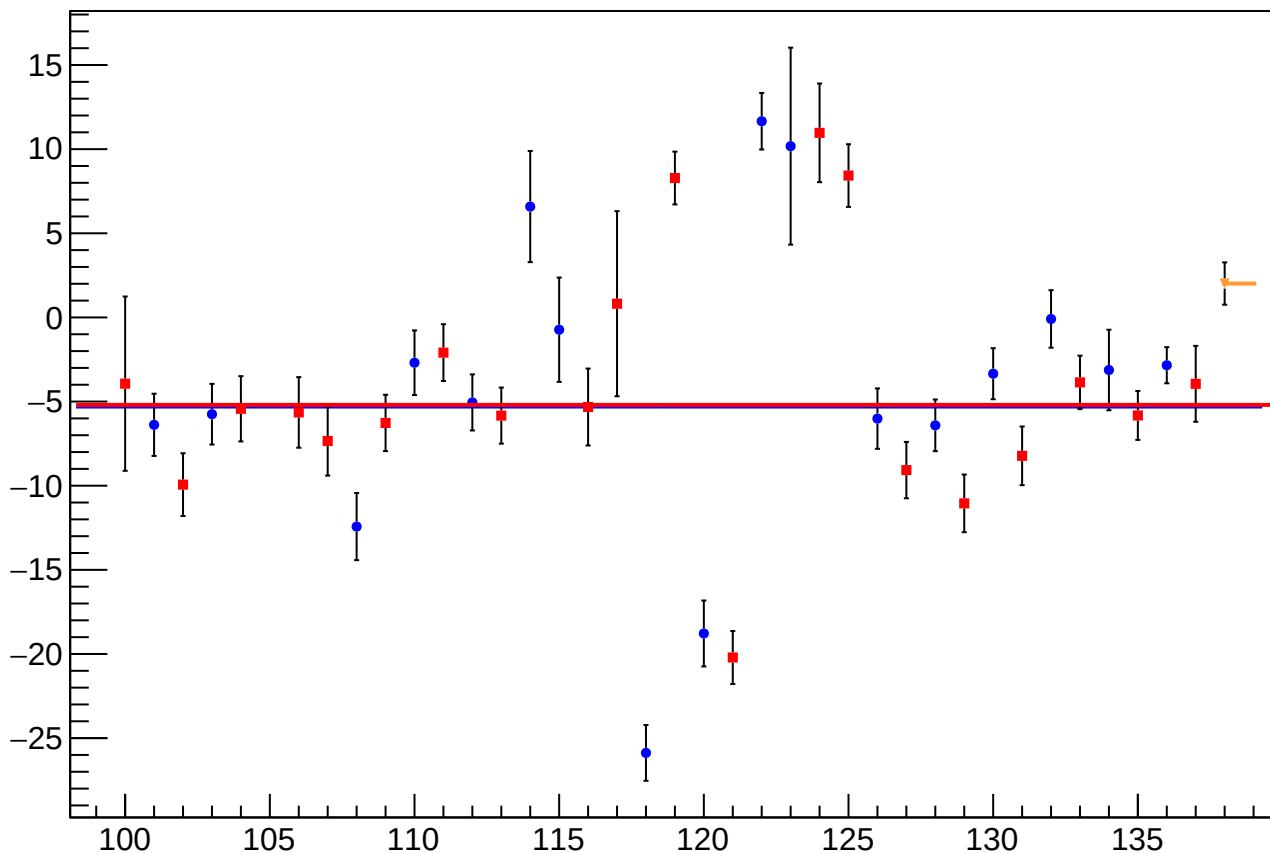
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8393.696 $\pm$ 2.197 χ^2 /NDF: 279949.6/17

8140.129 $\pm$ 1.524 χ^2 /NDF: 697246.4/37

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

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.295 $\pm$ 0.437 χ^2 /NDF: 358.1/16

Left Out: 2.014 $\pm$ 1.258 χ^2 /NDF: 0.0/0

Right Out: -5.198 $\pm$ 0.420 χ^2 /NDF: 283.1/19

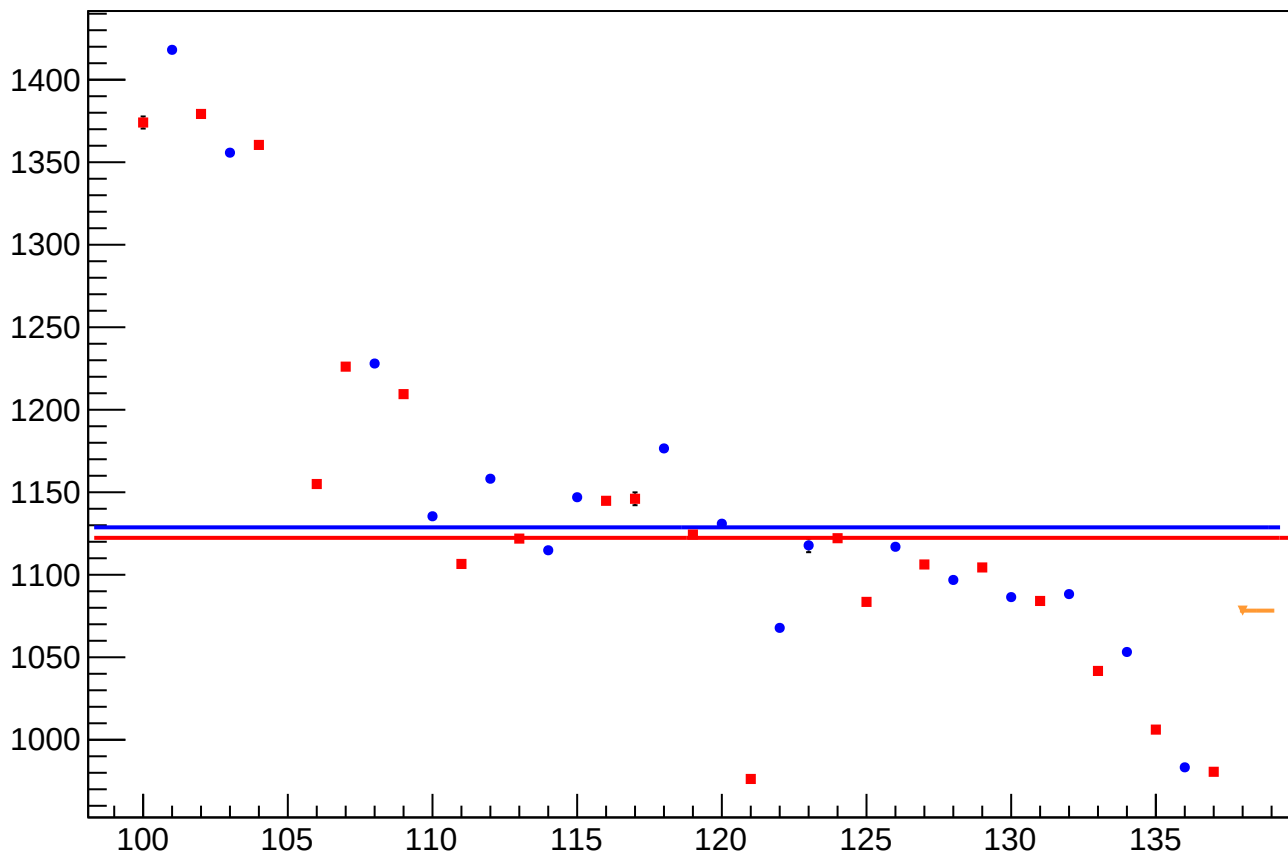
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-4.509 $\pm$ 0.413 χ^2 /NDF: 388.3/17

-4.847 $\pm$ 0.295 χ^2 /NDF: 672.7/37

-5.198 $\pm$ 0.420 χ^2 /NDF: 283.1/19

diff_bpm0l09Y_rms vs Slug, Sign Corrected



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

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

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

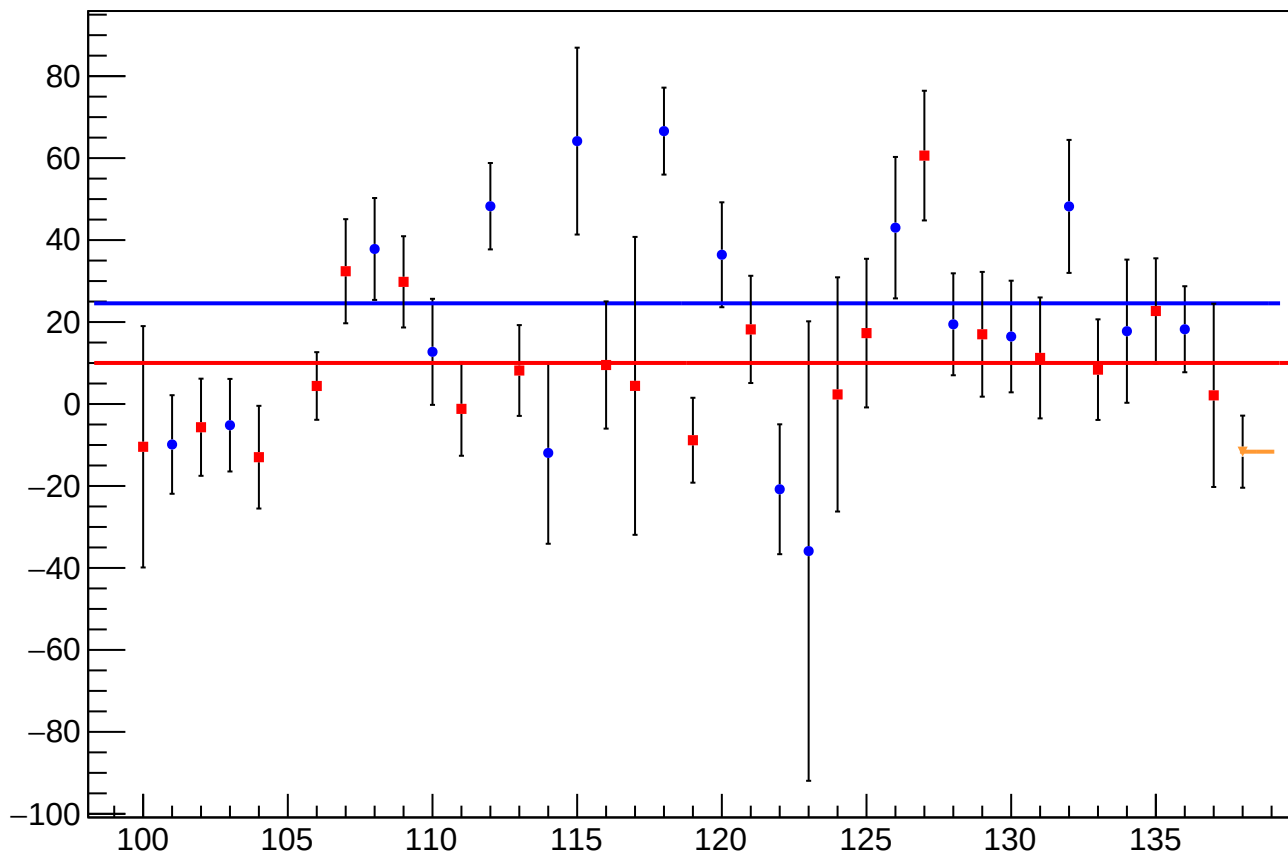
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1122.852 $\pm$ 0.208 χ^2 /NDF: 265613.0/37

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

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.569 $\pm$ 3.318 χ^2 /NDF: 58.1/16

Left Out: -11.632 $\pm$ 8.799 χ^2 /NDF: 0.0/0

Right Out: 10.019 $\pm$ 2.997 χ^2 /NDF: 28.8/19

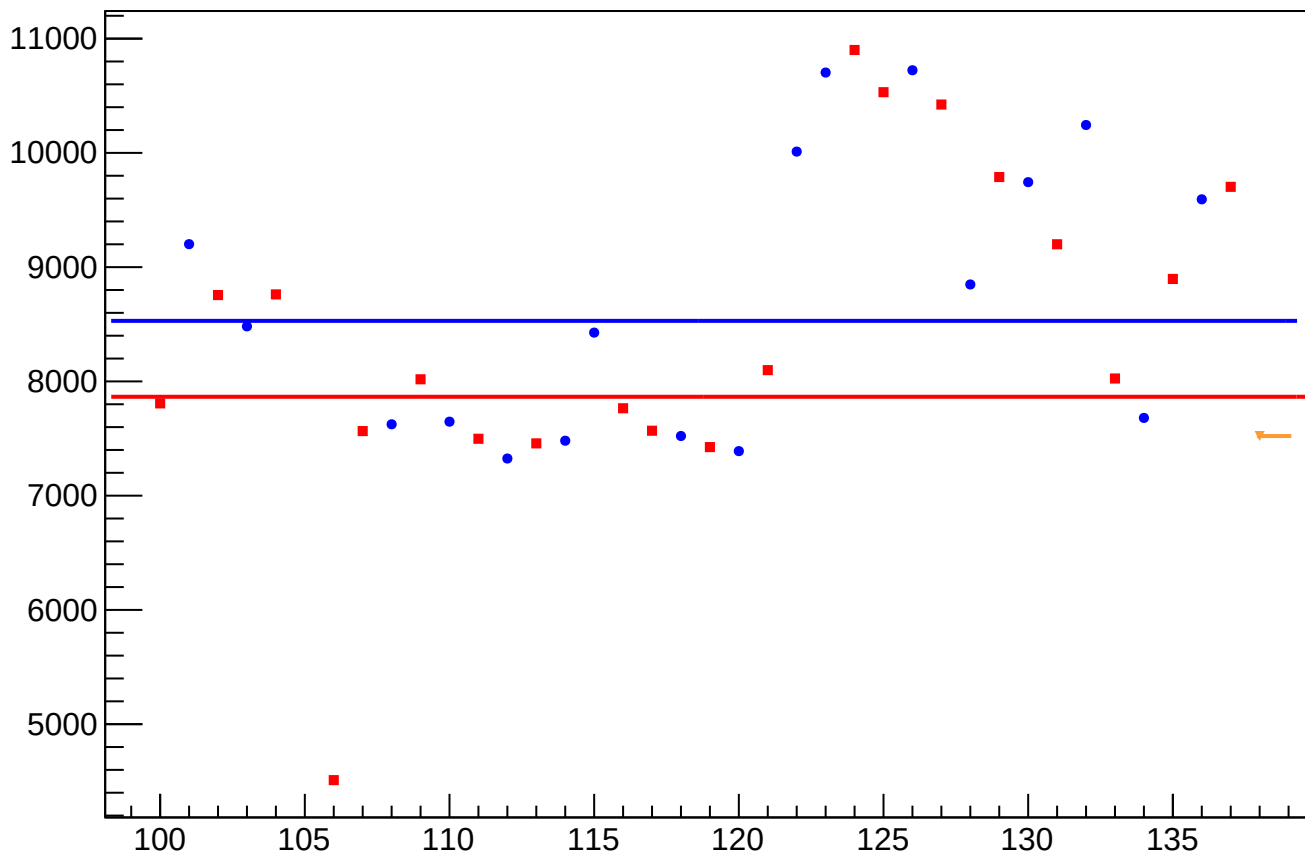
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.061 $\pm$ 3.105 χ^2 /NDF: 72.9/17

14.863 $\pm$ 2.156 χ^2 /NDF: 107.2/37

10.019 $\pm$ 2.997 χ^2 /NDF: 28.8/19

diff_bpm0l10X_rms vs Slug, Sign Corrected



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

Left Out: 7521.735 $\pm$ 6.222 χ^2 /NDF: 0.0/0

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

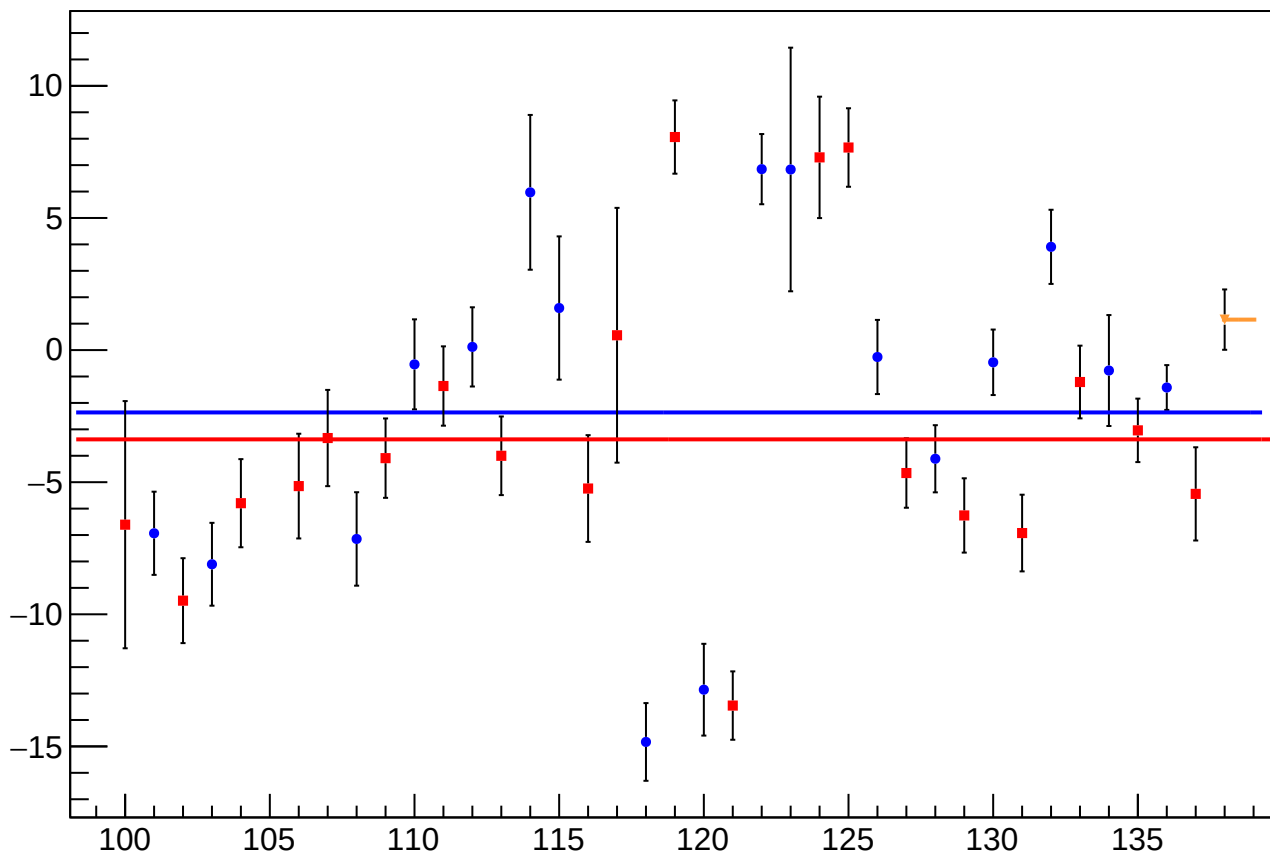
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8404.295 $\pm$ 2.195 χ^2 /NDF: 231319.3/17

8125.434 $\pm$ 1.525 χ^2 /NDF: 818463.5/37

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

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

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

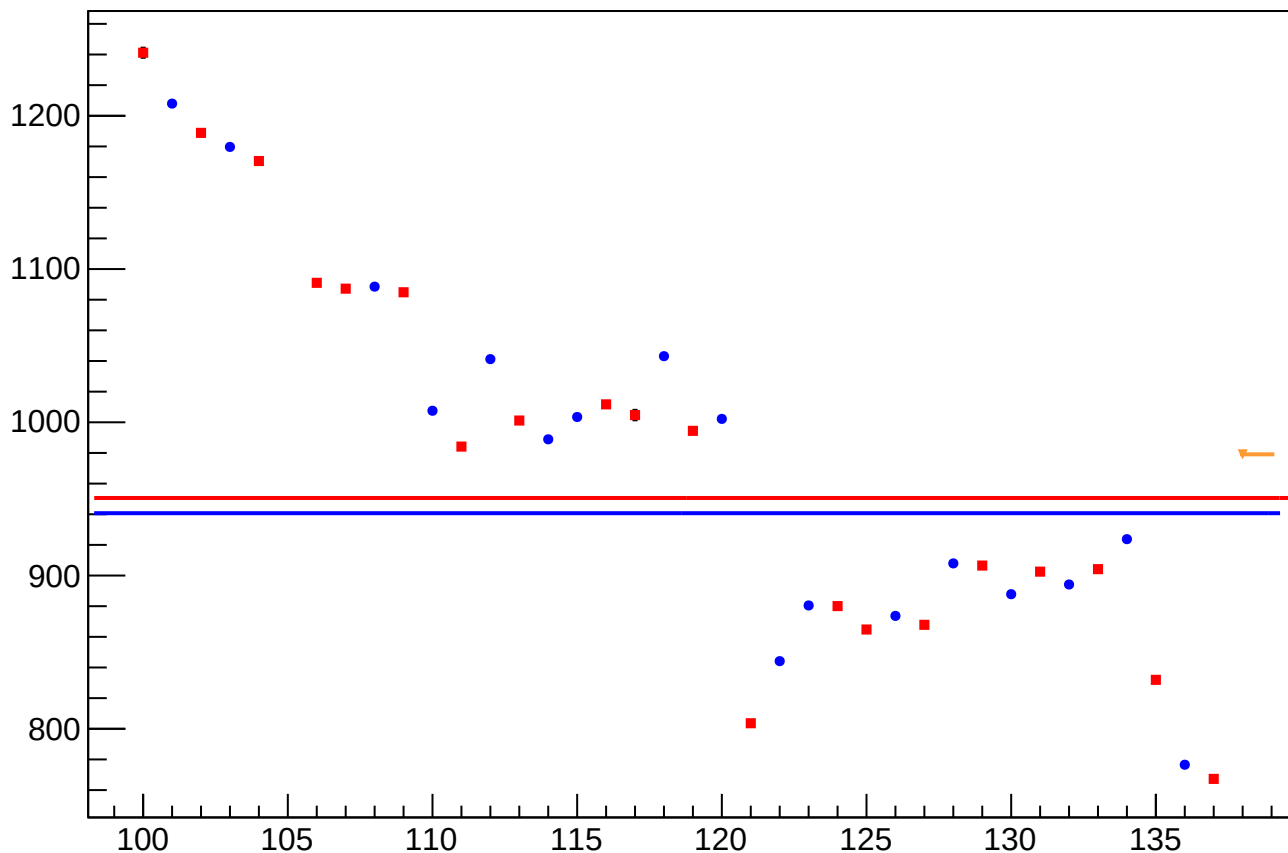
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.034 ± 0.348 χ^2/NDF : 240.6/17

-2.689 ± 0.249 χ^2/NDF : 490.0/37

-3.379 ± 0.357 χ^2/NDF : 242.1/19

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

Left Out: 979.099+/-0.808 χ^2/NDF : 0.0/0

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

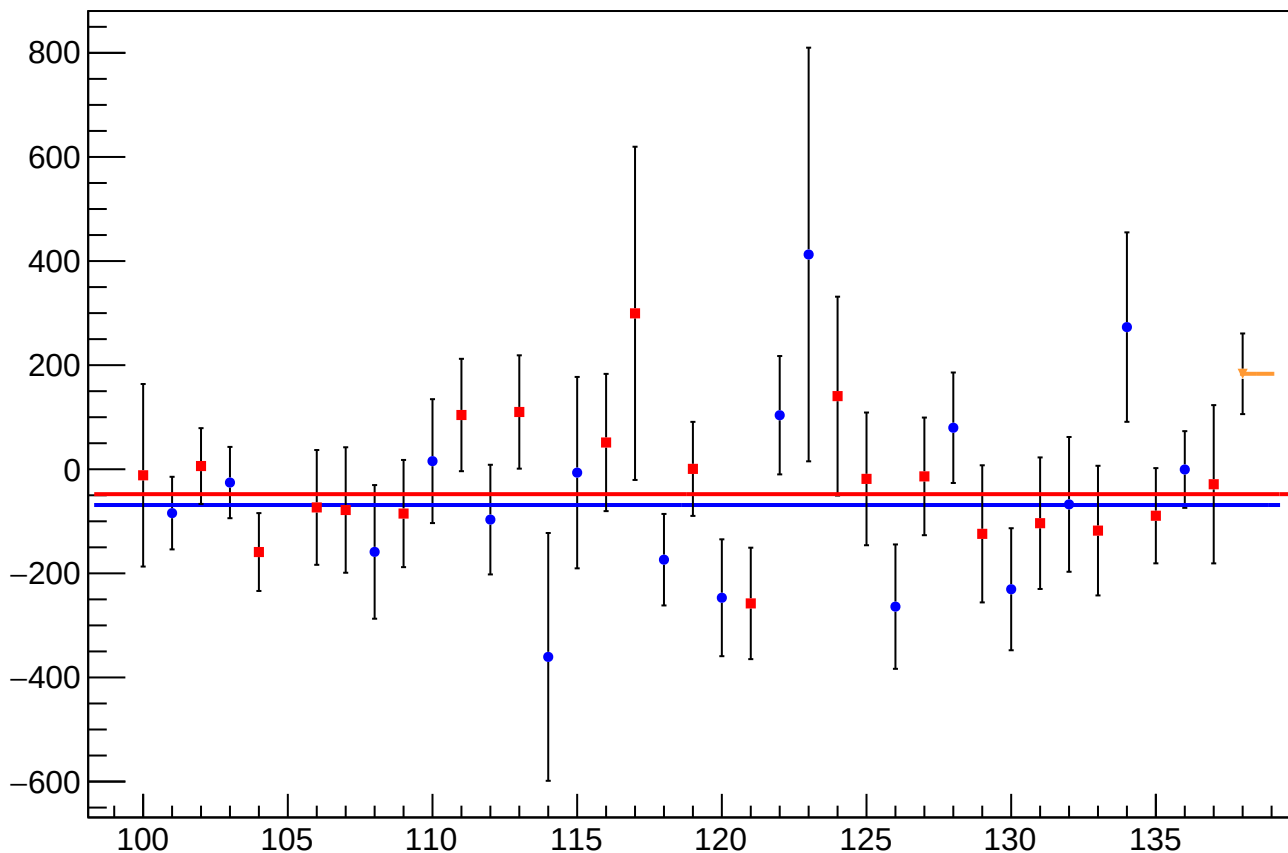
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

944.253+/-0.246 χ^2/NDF : 243821.0/17

947.352+/-0.176 χ^2/NDF : 465077.6/37

950.615+/-0.253 χ^2/NDF : 220931.3/19

diff_bpm0r03X_mean vs Slug, Sign Corrected



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

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

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

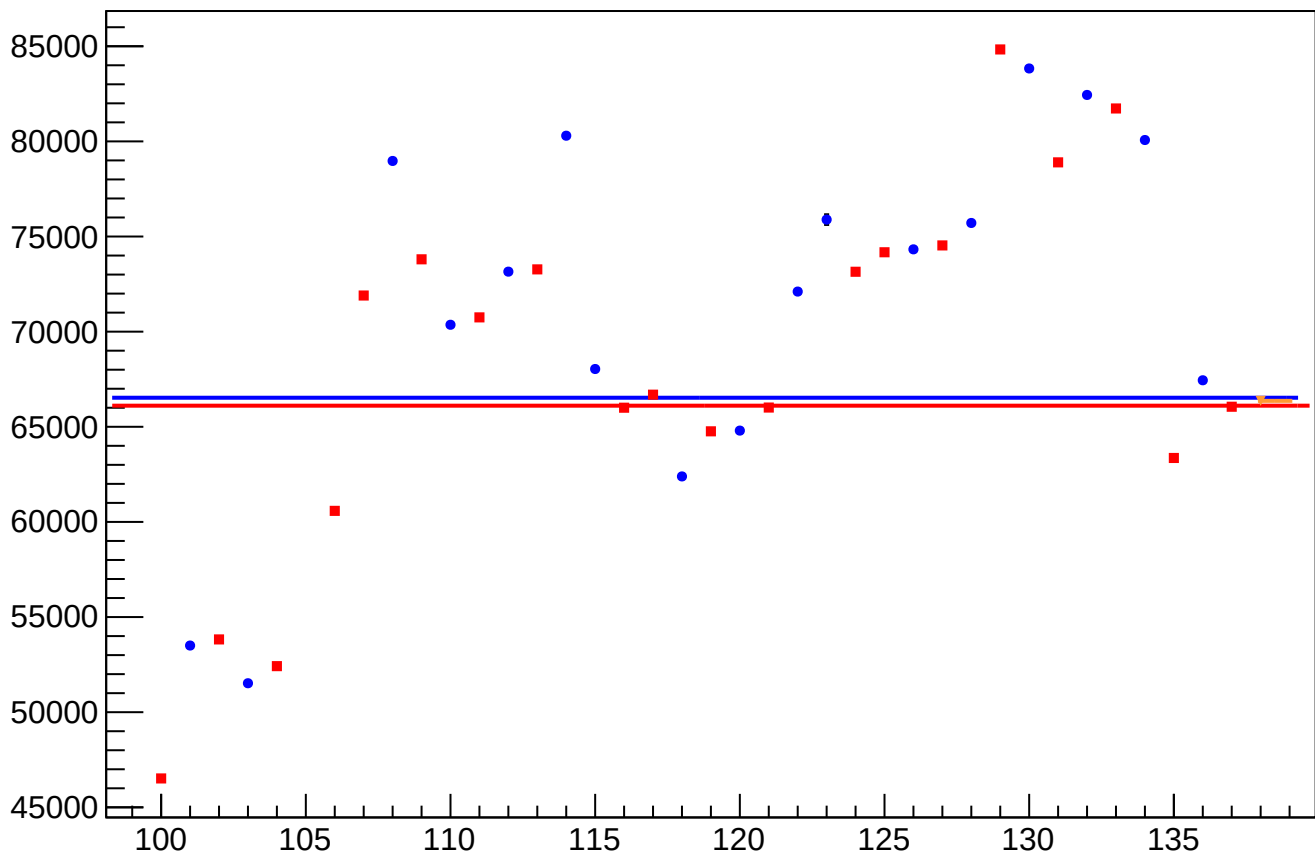
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-43.258 ± 24.603 χ^2/NDF : 31.3/17

-45.515 ± 17.516 χ^2/NDF : 46.5/37

-47.835 ± 24.944 χ^2/NDF : 15.2/19

diff_bpm0r03X_rms vs Slug, Sign Corrected



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

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

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

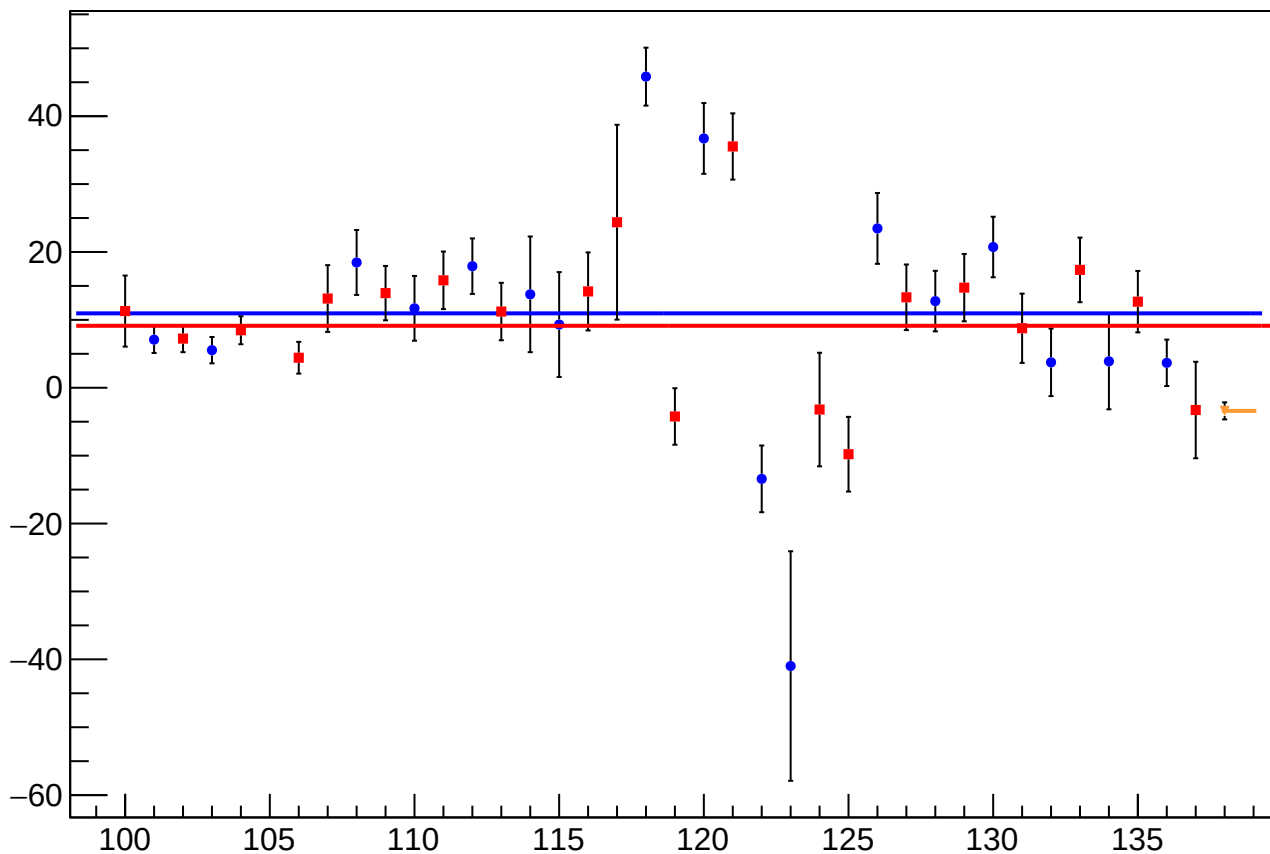
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

66312.820+/-12.386 χ^2/NDF : 619649.7/3

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

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

Left Out: -3.405+/-1.256 χ^2 /NDF: 0.0/0

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

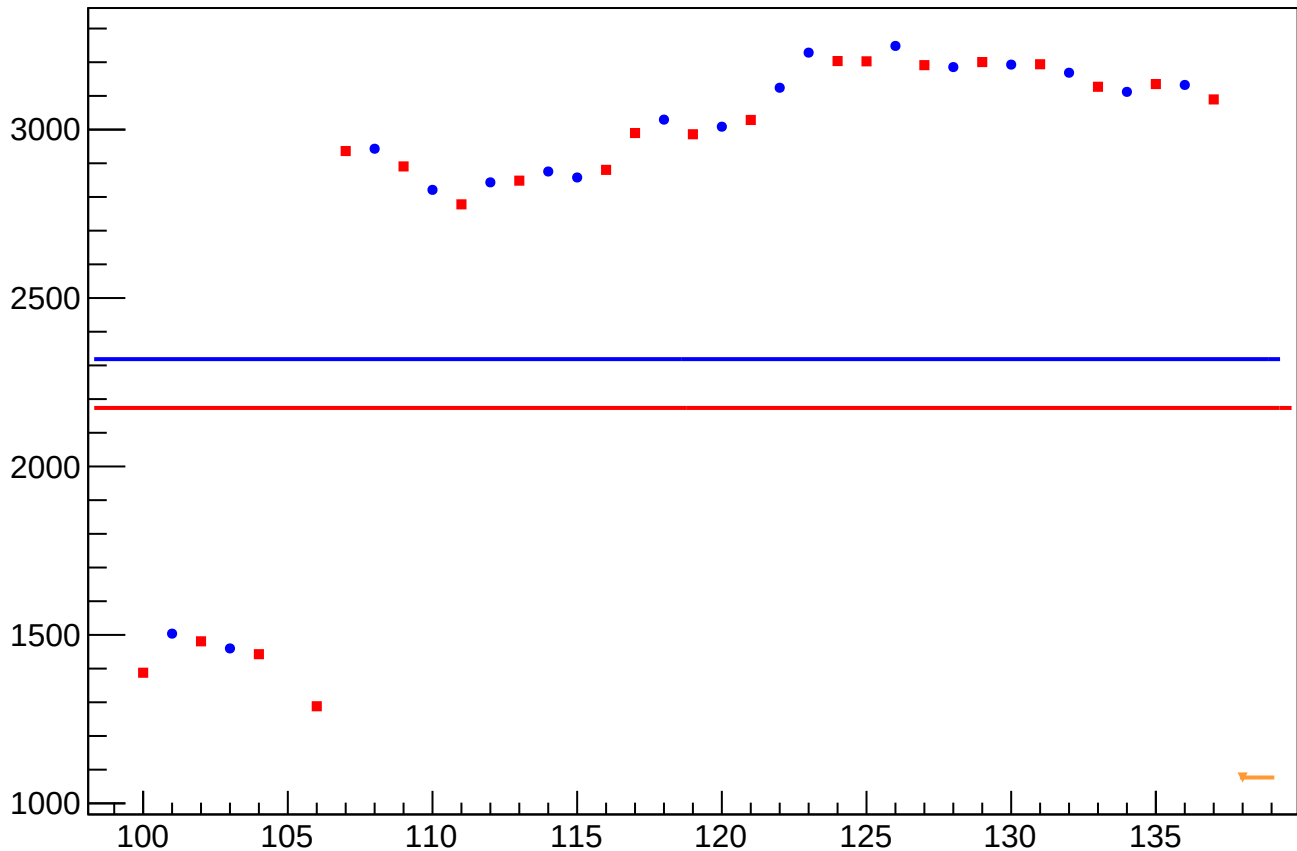
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

5.779+/-0.754 χ^2 /NDF: 244.5/17

7.226+/-0.568 χ^2 /NDF: 327.3/37

9.127+/-0.865 χ^2 /NDF: 74.2/19

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

Left Out: 1076.736 $\pm$ 0.888 χ^2 /NDF: 0.0/0

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

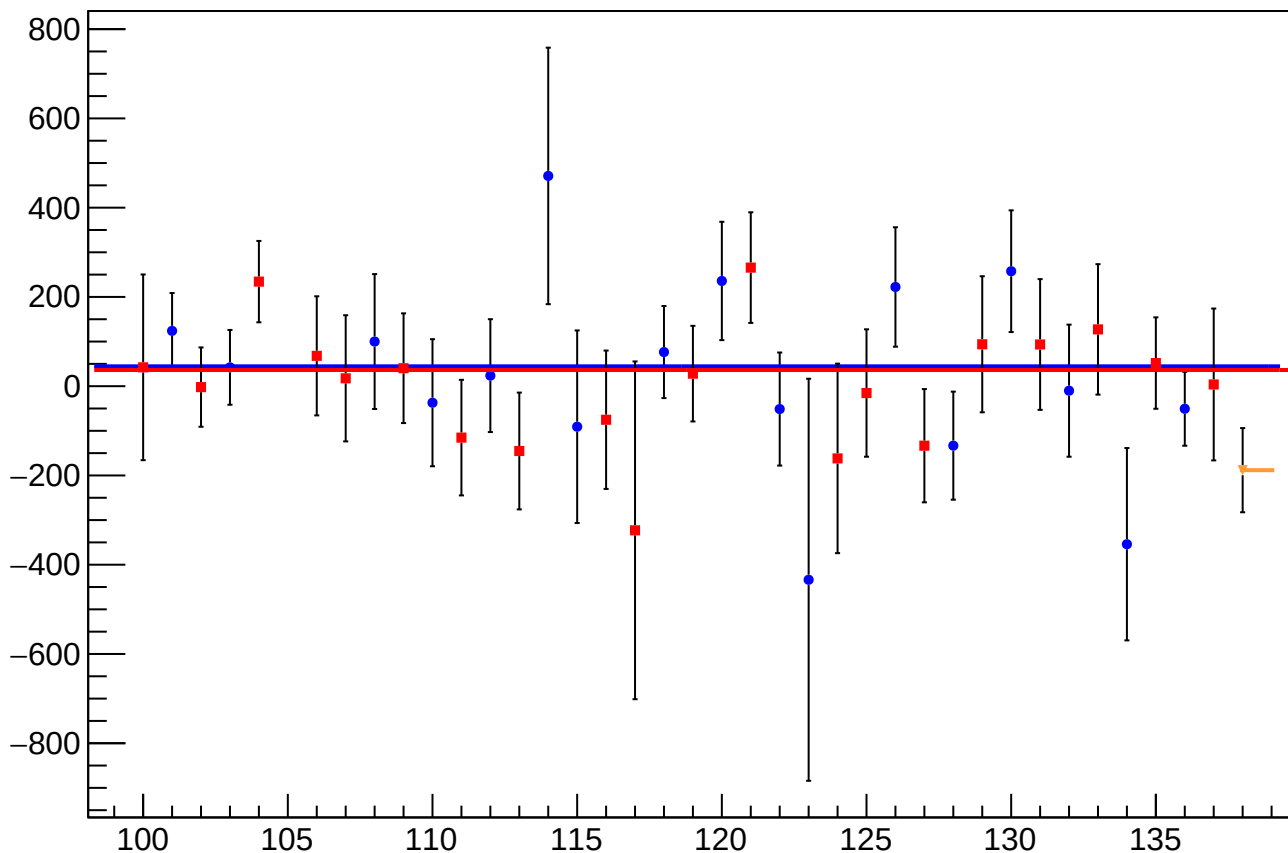
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1870.885 $\pm$ 0.533 χ^2 /NDF: 2658400.6/17

2001.741 $\pm$ 0.402 χ^2 /NDF: 4557922.1/37

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



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

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

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

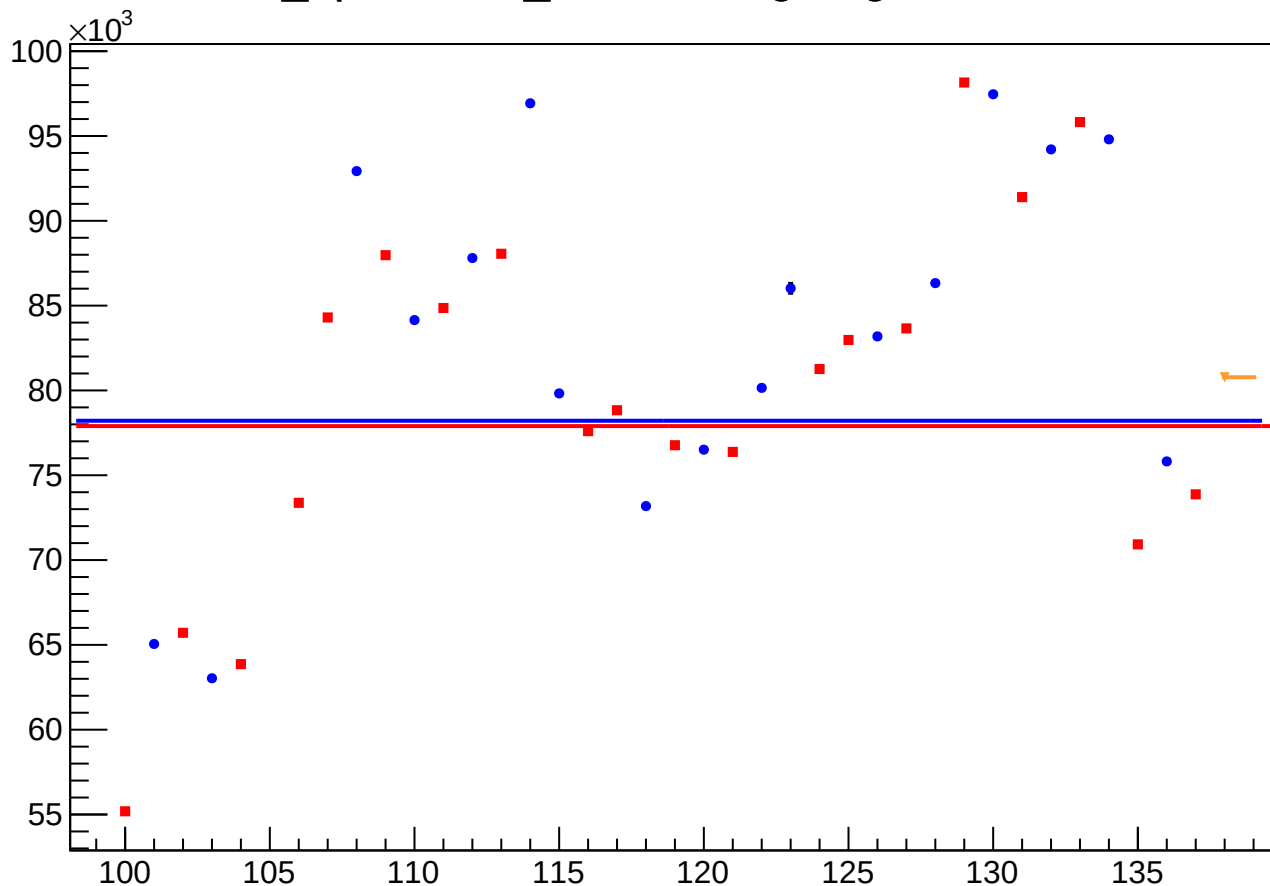
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.539+/-28.961 χ^2/NDF : 24.6/17

29.305+/-20.613 χ^2/NDF : 41.4/37

36.251+/-29.346 χ^2/NDF : 16.7/19

diff_bpm0r05X_rms vs Slug, Sign Corrected



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

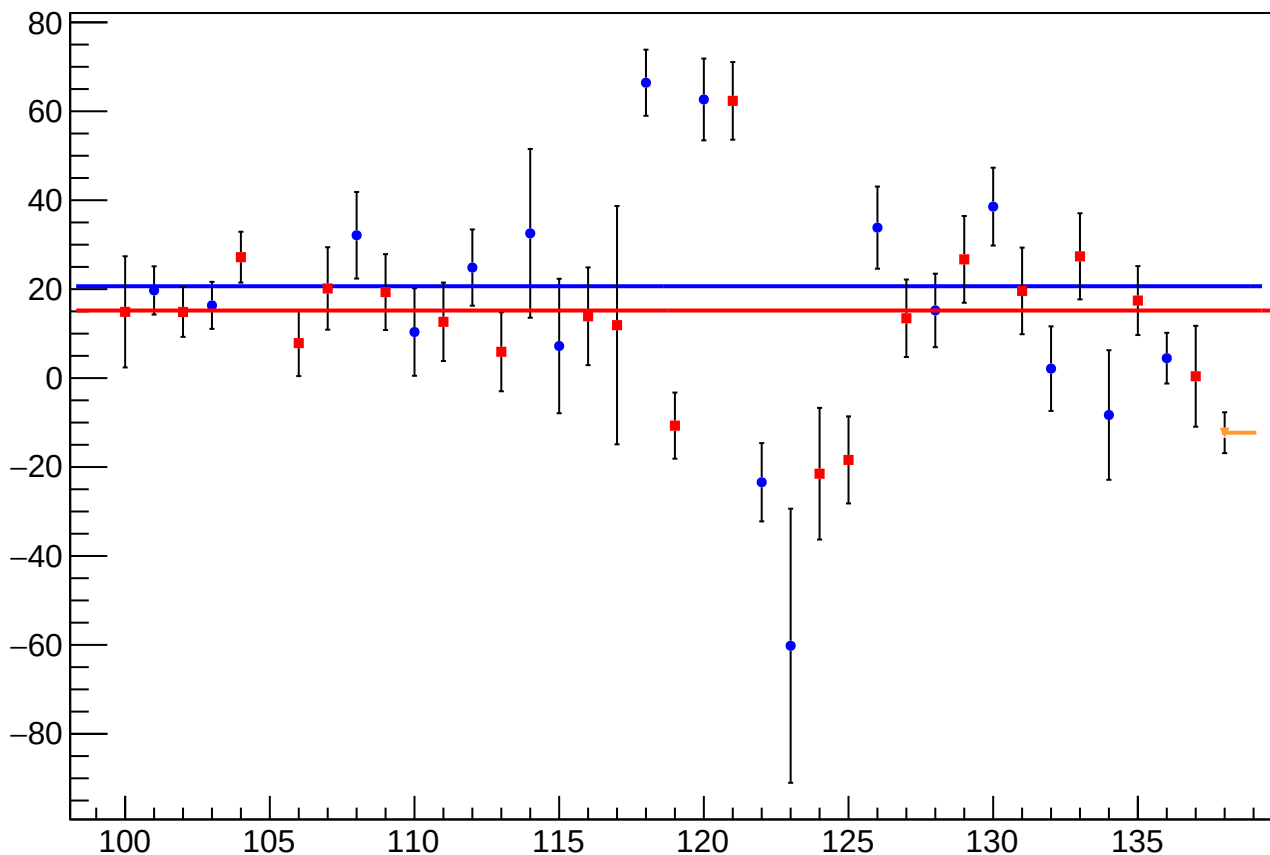
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

78179.927 $\pm$ 14.576 χ^2/NDF : 499744.1/3

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

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

Left Out: -12.281 $\pm$ 4.588 χ^2 /NDF: 0.0/0

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

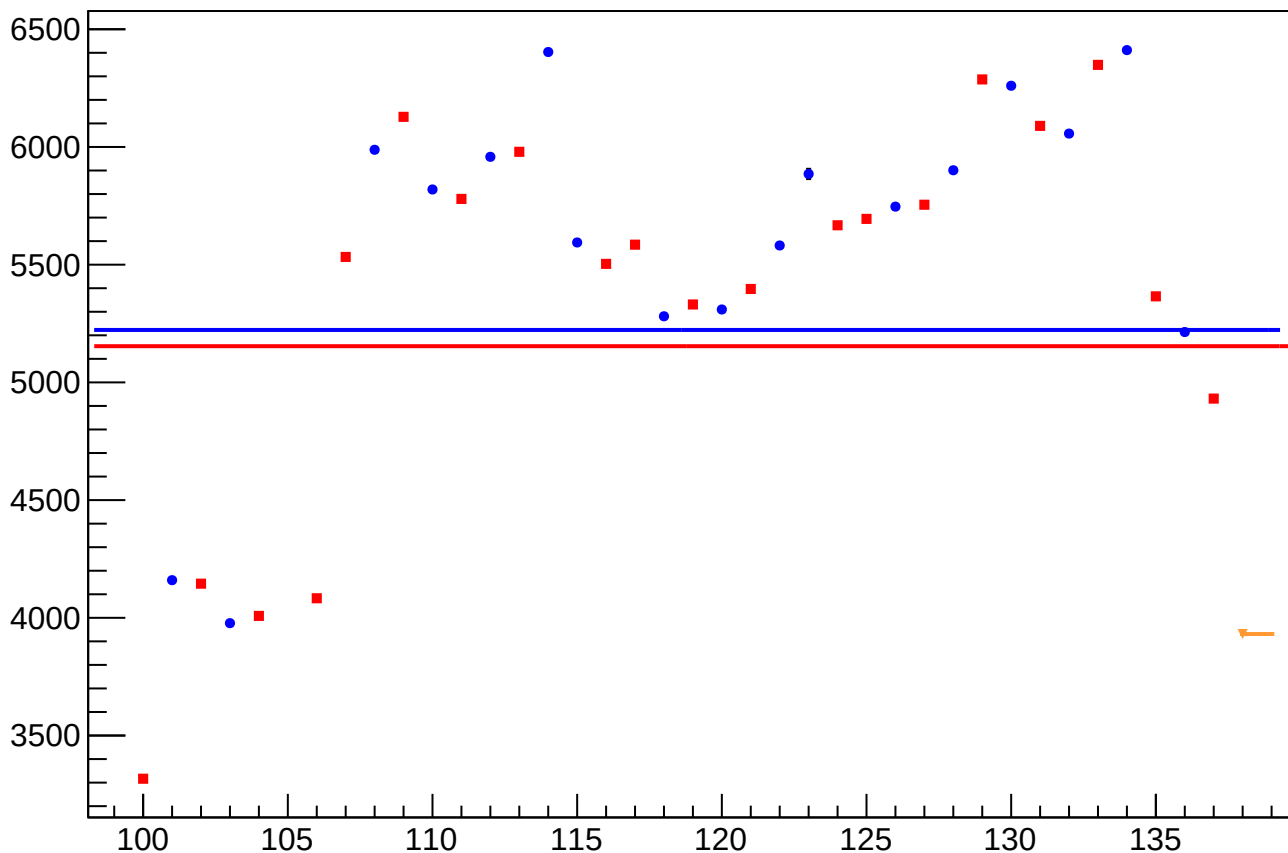
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.239 $\pm$ 1.861 χ^2 /NDF: 160.8/17

15.220 $\pm$ 1.346 χ^2 /NDF: 232.1/37

15.198 $\pm$ 1.950 χ^2 /NDF: 71.3/19

diff_bpm0r05Y_rms vs Slug, Sign Corrected



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

Left Out: 3931.185 $\pm$ 3.244 χ^2/NDF : 0.0/0

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

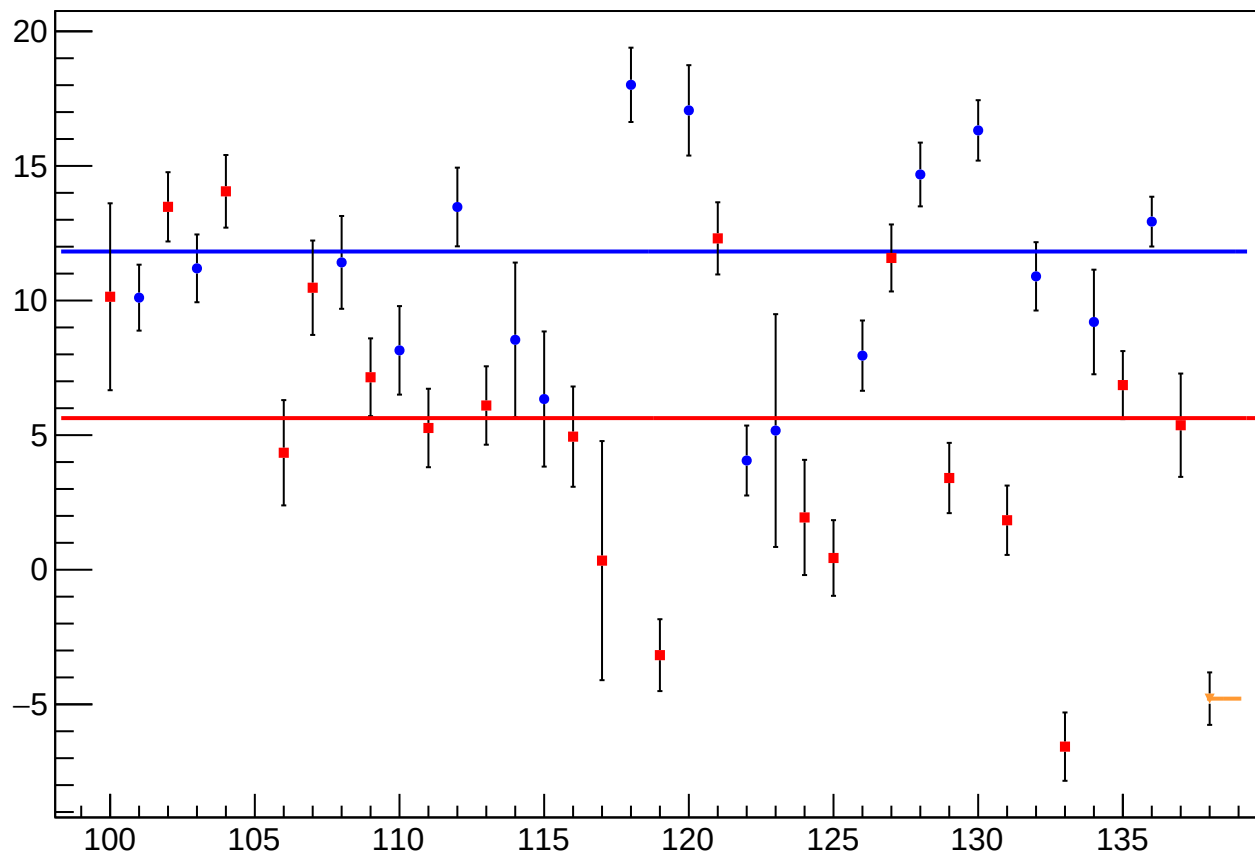
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5010.308 $\pm$ 1.316 χ^2/NDF : 444908.7/17

5078.731 $\pm$ 0.952 χ^2/NDF : 838785.9/37

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

diff_bpm2i01X_mean vs Slug, Sign Corrected



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

Left Out: -4.788+/-0.975 χ^2/NDF : 0.0/0

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

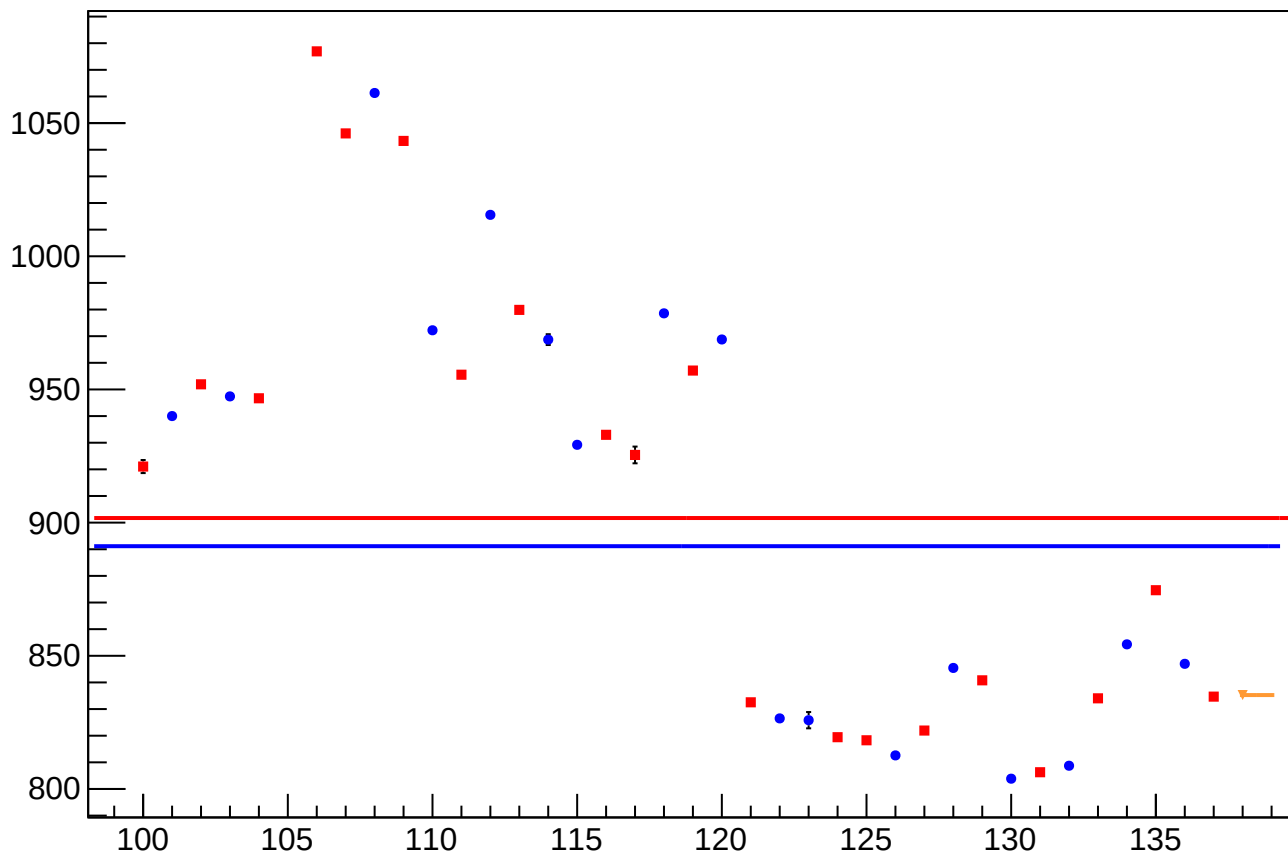
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.977+/-0.325 χ^2/NDF : 375.1/17

7.888+/-0.234 χ^2/NDF : 762.7/37

5.632+/-0.337 χ^2/NDF : 301.6/19

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 891.149 $\pm$ 0.244 χ^2 /NDF: 101659.1/16

Left Out: 835.257 $\pm$ 0.689 χ^2 /NDF: 0.0/0

Right Out: 901.725 $\pm$ 0.239 χ^2 /NDF: 114648.1/19

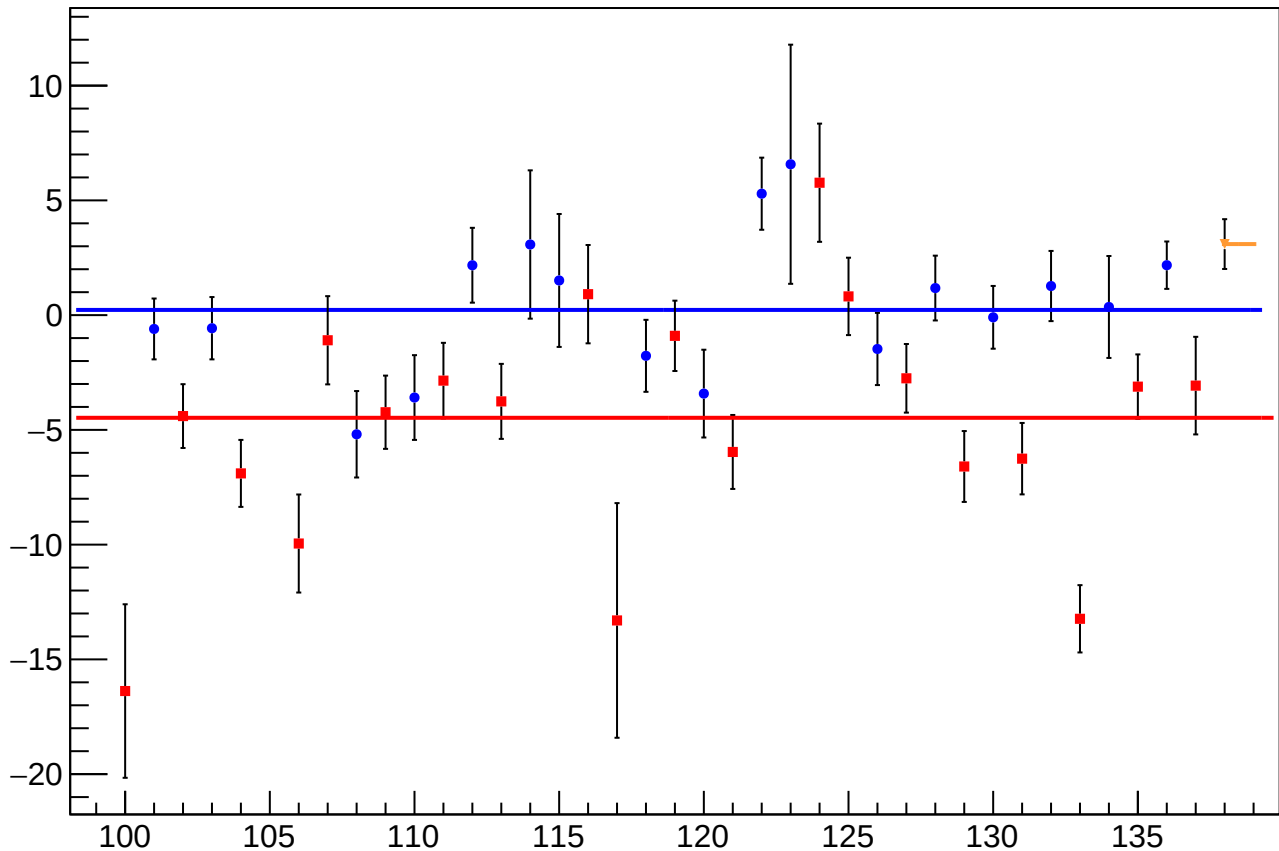
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

884.943 $\pm$ 0.230 χ^2 /NDF: 107504.9/17

893.013 $\pm$ 0.165 χ^2 /NDF: 224720.5/37

901.725 $\pm$ 0.239 χ^2 /NDF: 114648.1/19

diff_bpm2i01Y_mean vs Slug, Sign Corrected



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

Left Out: 3.096 ± 1.085 χ^2/NDF : 0.0/0

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

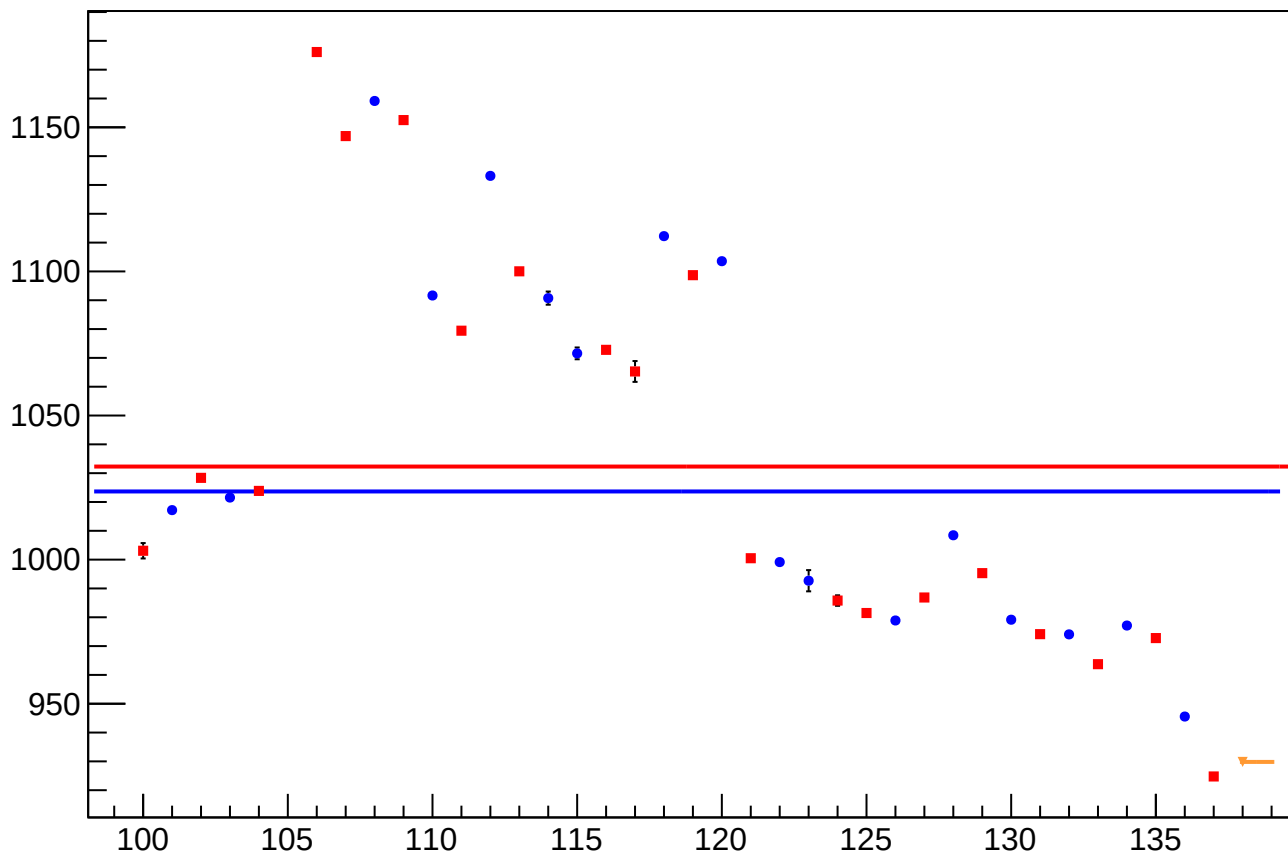
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.563 ± 0.371 χ^2/NDF : 44.7/17

-1.859 ± 0.267 χ^2/NDF : 239.6/37

-4.473 ± 0.386 χ^2/NDF : 106.3/19

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

Left Out: 929.811+/-0.767 χ^2/NDF : 0.0/0

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

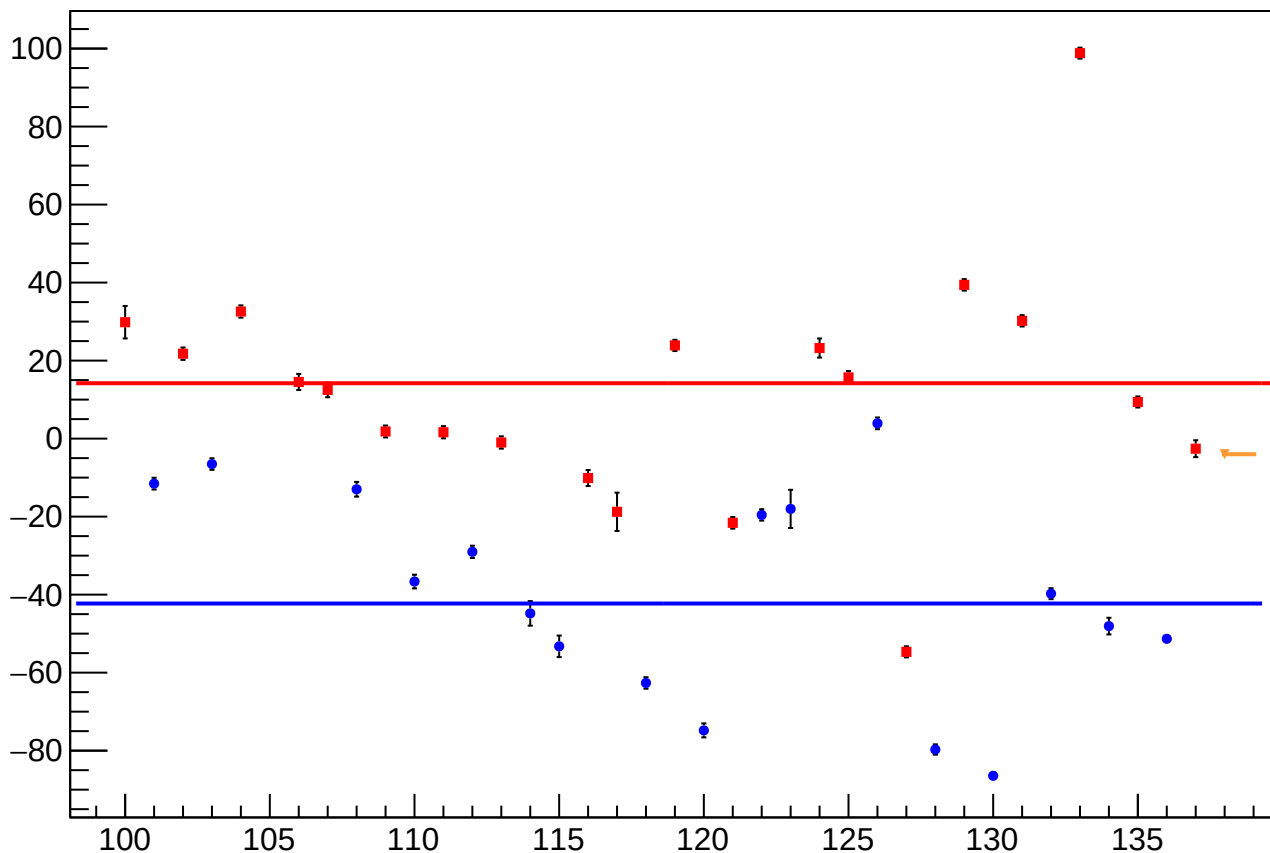
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1012.671+/-0.262 χ^2/NDF : 65586.7/17

1022.109+/-0.189 χ^2/NDF : 127750.9/37

1032.296+/-0.273 χ^2/NDF : 59475.4/19

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

Left Out: -4.003 ± 1.083 χ^2/NDF : 0.0/0

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

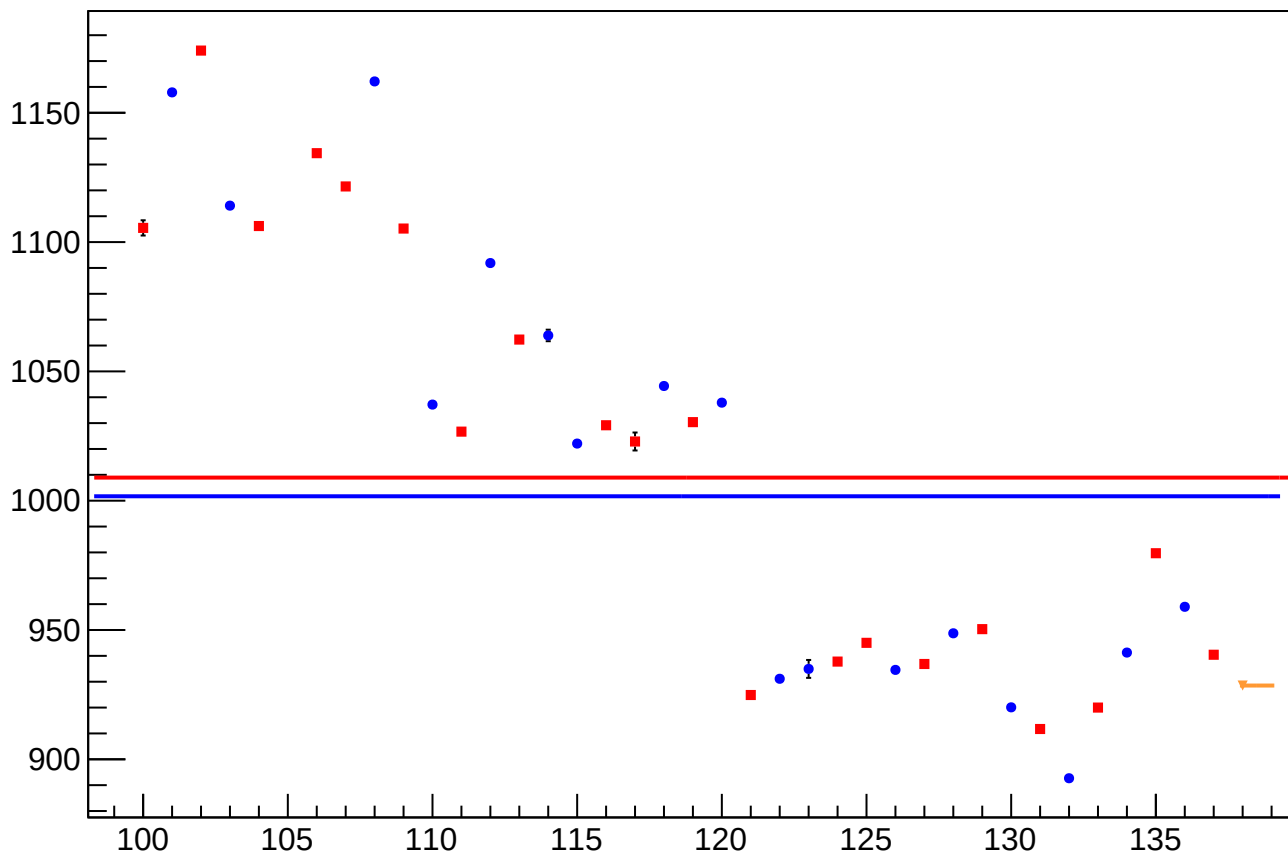
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-37.943 ± 0.365 χ^2/NDF : 6234.1/17

-12.772 ± 0.262 χ^2/NDF : 23825.1/37

14.197 ± 0.377 χ^2/NDF : 7715.1/19

diff_bpm2i02X_rms vs Slug, Sign Corrected



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

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

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

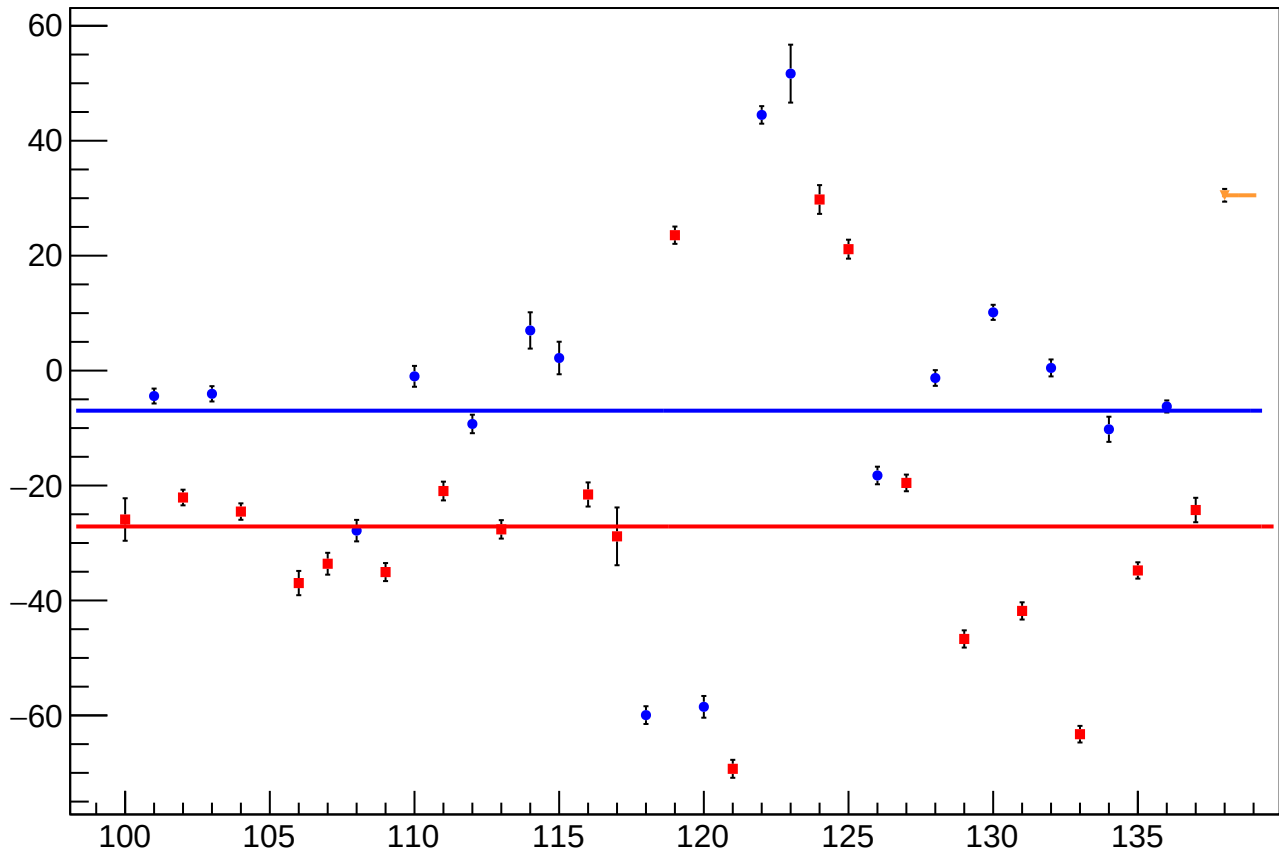
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1000.906 $\pm$ 0.185 χ^2 /NDF: 200691.1/37

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

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

Left Out: 30.505 ± 1.111 χ^2/NDF : 0.0/0

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

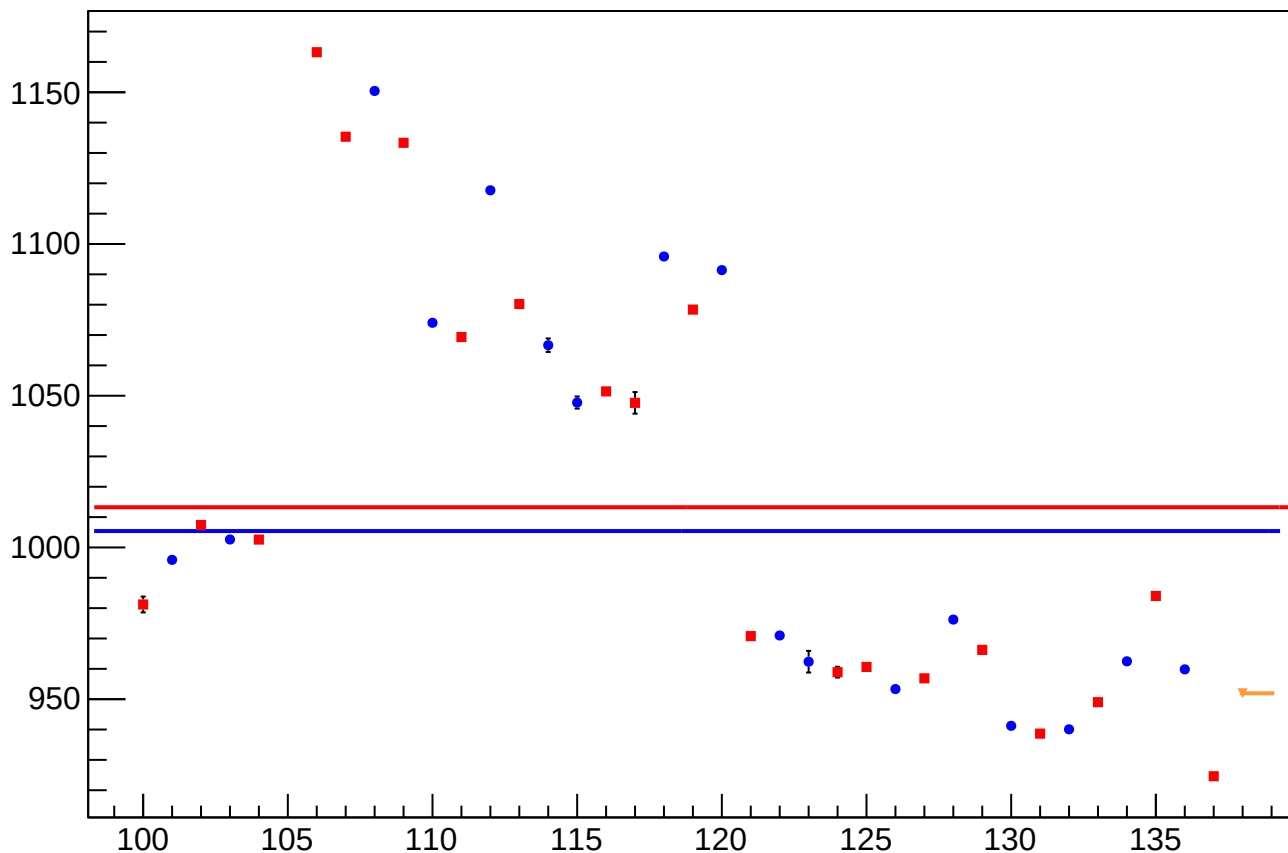
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.898 ± 0.366 χ^2/NDF : 4652.0/17

-14.613 ± 0.263 χ^2/NDF : 11051.5/37

-27.125 ± 0.379 χ^2/NDF : 4283.6/19

diff_bpm2i02Y_rms vs Slug, Sign Corrected



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

Left Out: 951.943 $\pm$ 0.785 χ^2 /NDF: 0.0/0

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

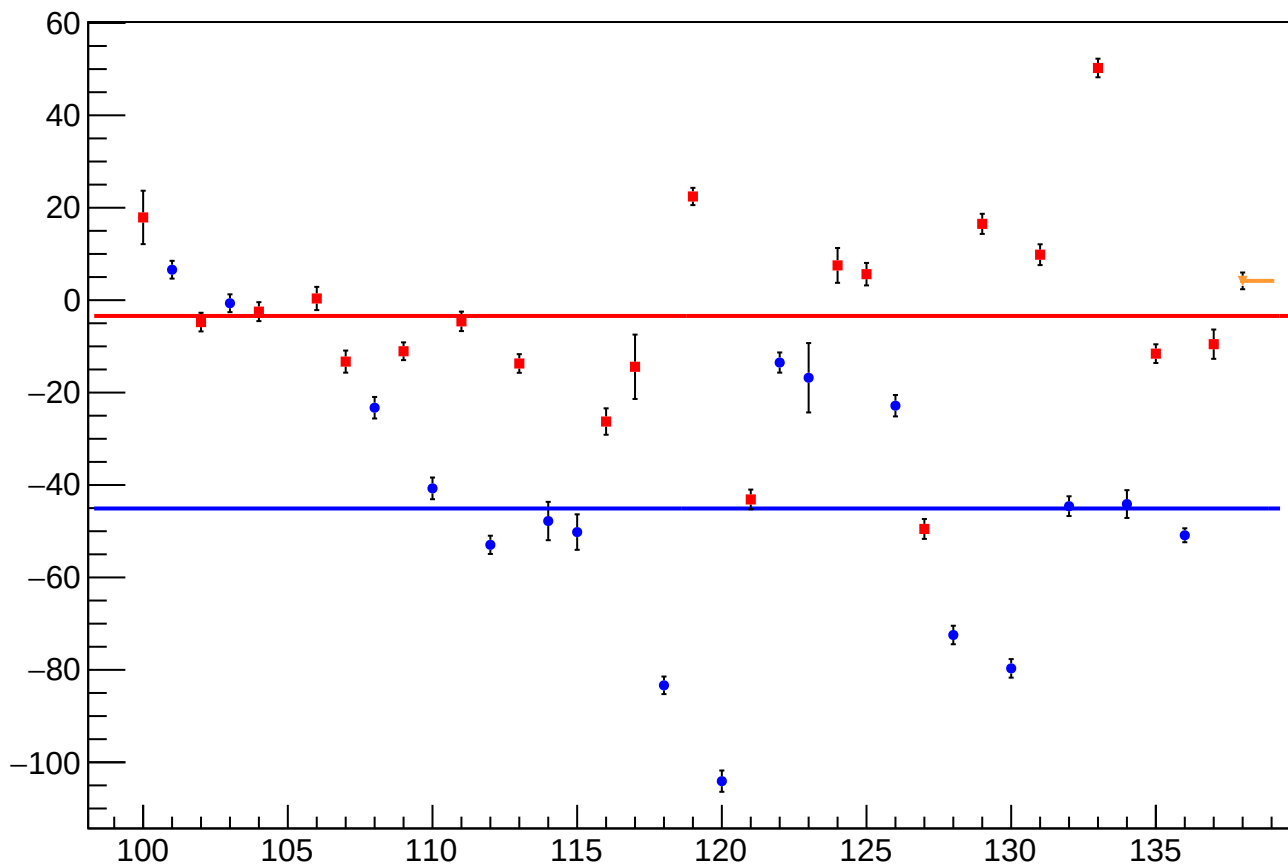
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

999.594 $\pm$ 0.259 χ^2 /NDF: 58717.4/17

1006.202 $\pm$ 0.186 χ^2 /NDF: 123423.6/37

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

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

Left Out: 4.173 ± 1.808 χ^2/NDF : 0.0/0

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

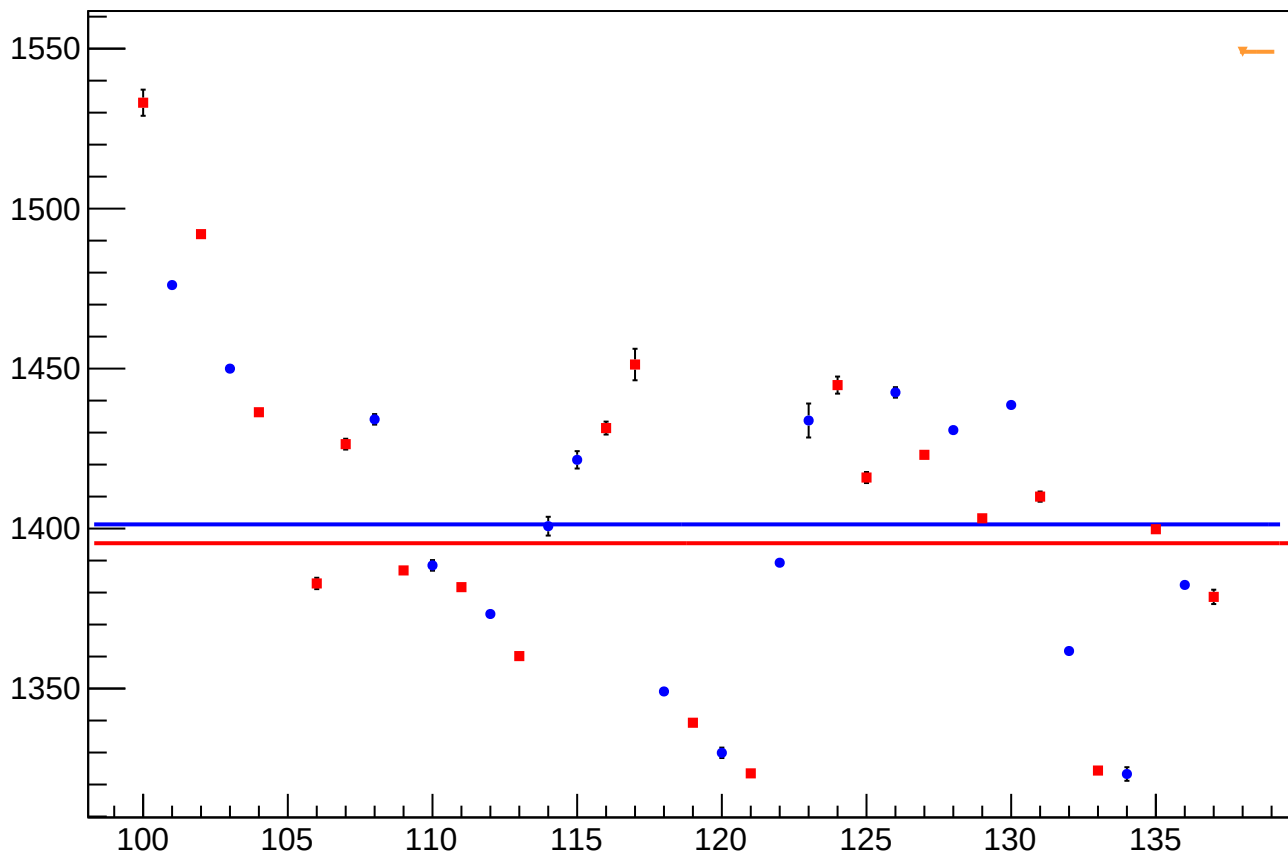
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-41.050 ± 0.517 χ^2/NDF : 3919.7/17

-22.351 ± 0.367 χ^2/NDF : 8559.1/37

-3.419 ± 0.520 χ^2/NDF : 2008.2/19

diff_bpm0i02X_rms vs Slug, Sign Corrected



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

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

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

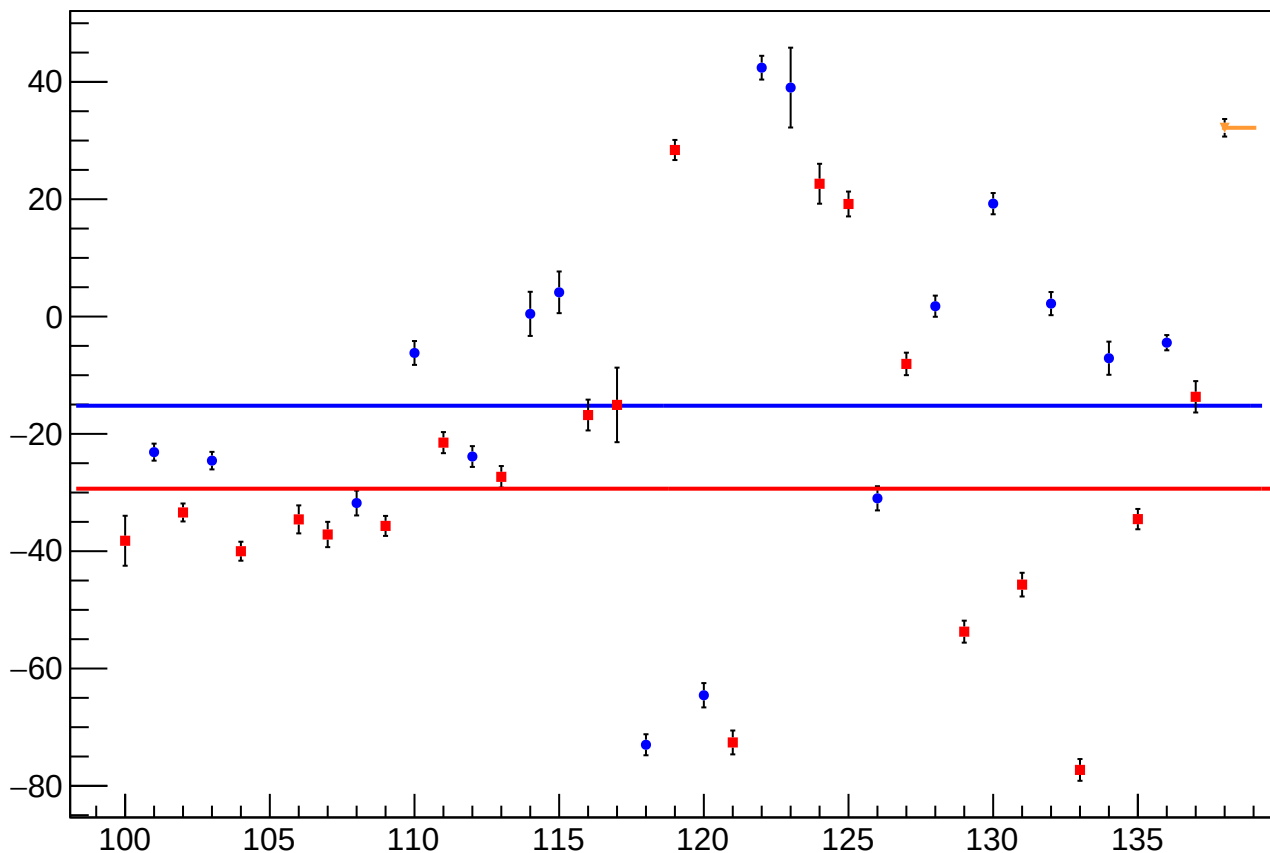
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1413.397+/-0.366 χ^2/NDF : 25114.9/17

1404.464+/-0.259 χ^2/NDF : 41965.3/37

1395.419+/-0.368 χ^2/NDF : 15649.3/19

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

Left Out: 32.178 $\pm$ 1.499 χ^2 /NDF: 0.0/0

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

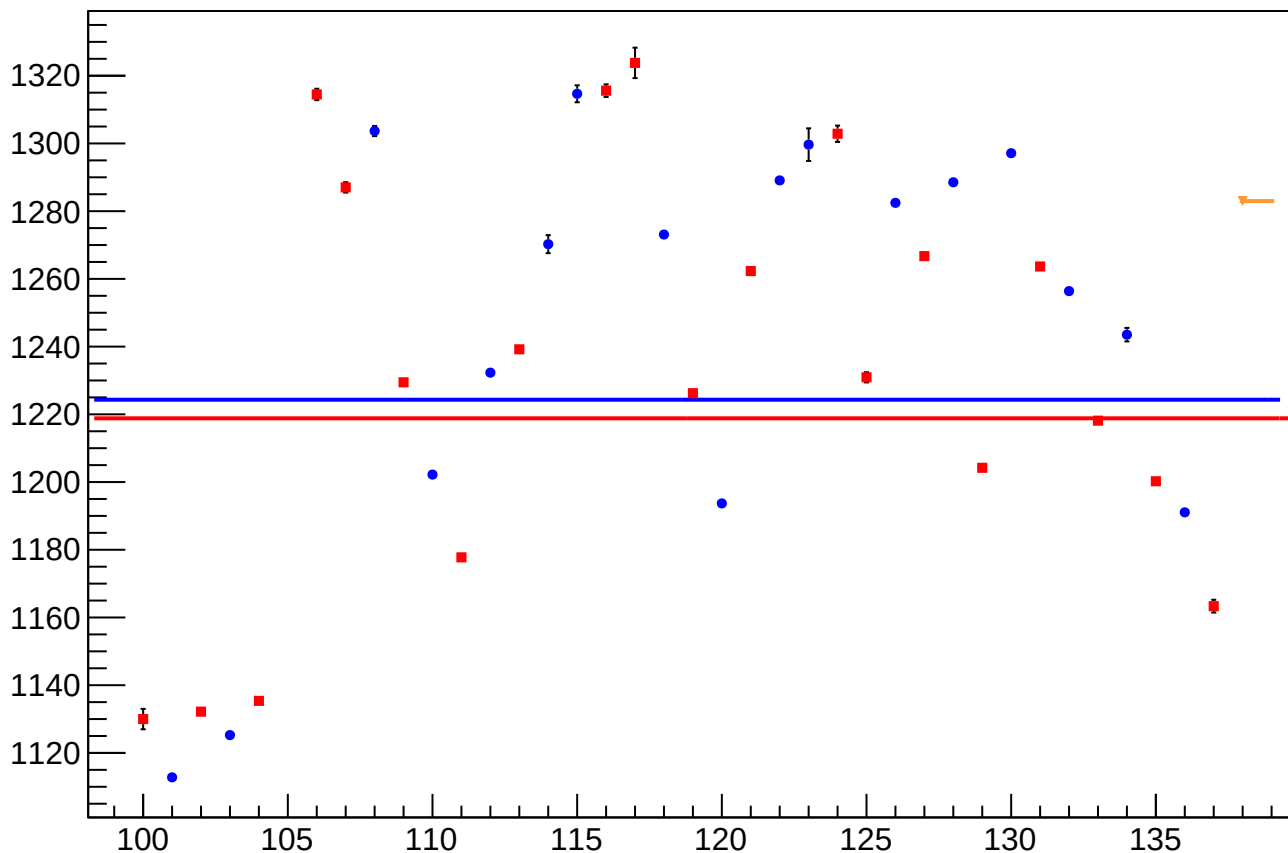
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-10.924 $\pm$ 0.450 χ^2 /NDF: 4271.9/17

-20.038 $\pm$ 0.320 χ^2 /NDF: 8649.8/37

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

diff_bpm0i02Y_rms vs Slug, Sign Corrected



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

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

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

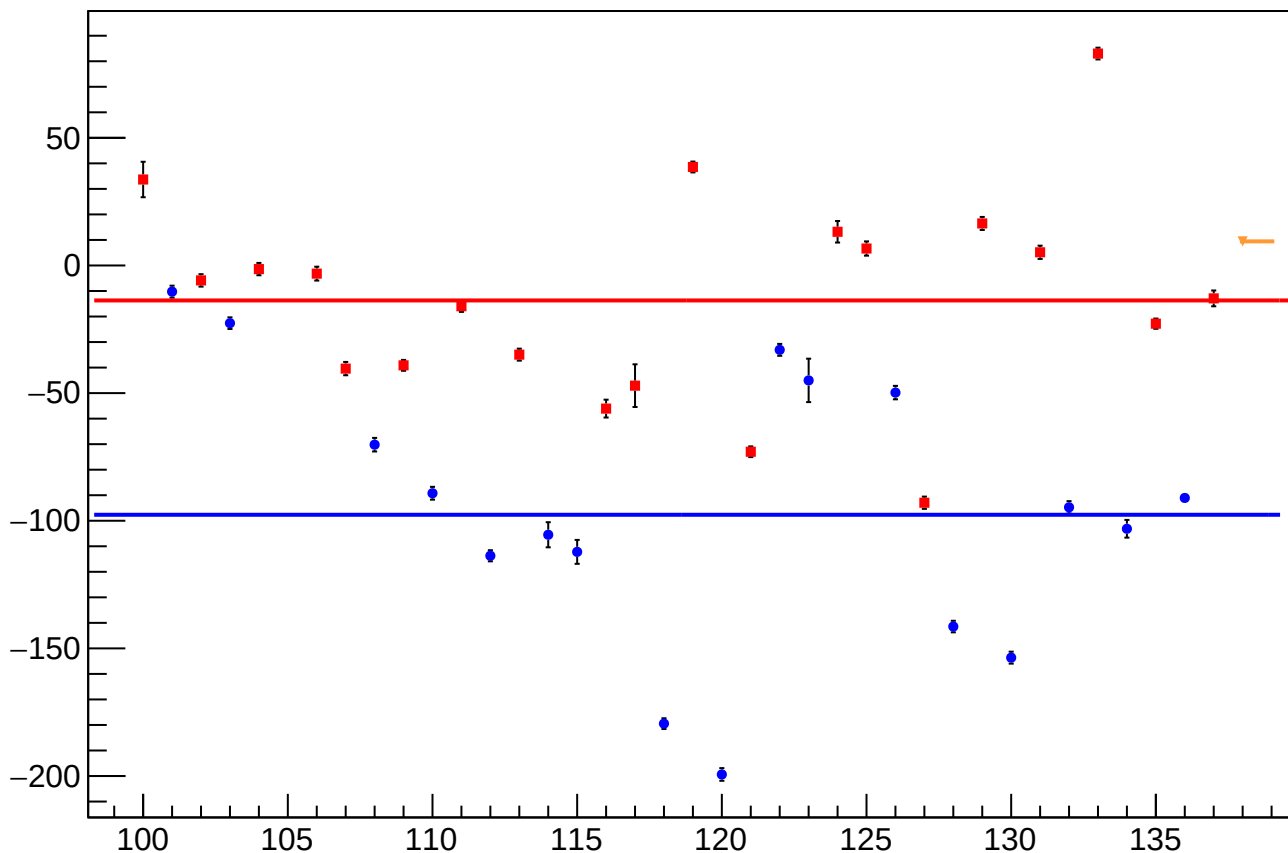
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1229.616+/-0.318 χ^2/NDF : 41566.0/17

1224.273+/-0.226 χ^2/NDF : 70256.6/37

1218.817+/-0.322 χ^2/NDF : 28121.5/19

diff_bpm0i02aX_mean vs Slug, Sign Corrected



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

Left Out: 9.441 ± 1.881 χ^2/NDF : 0.0/0

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

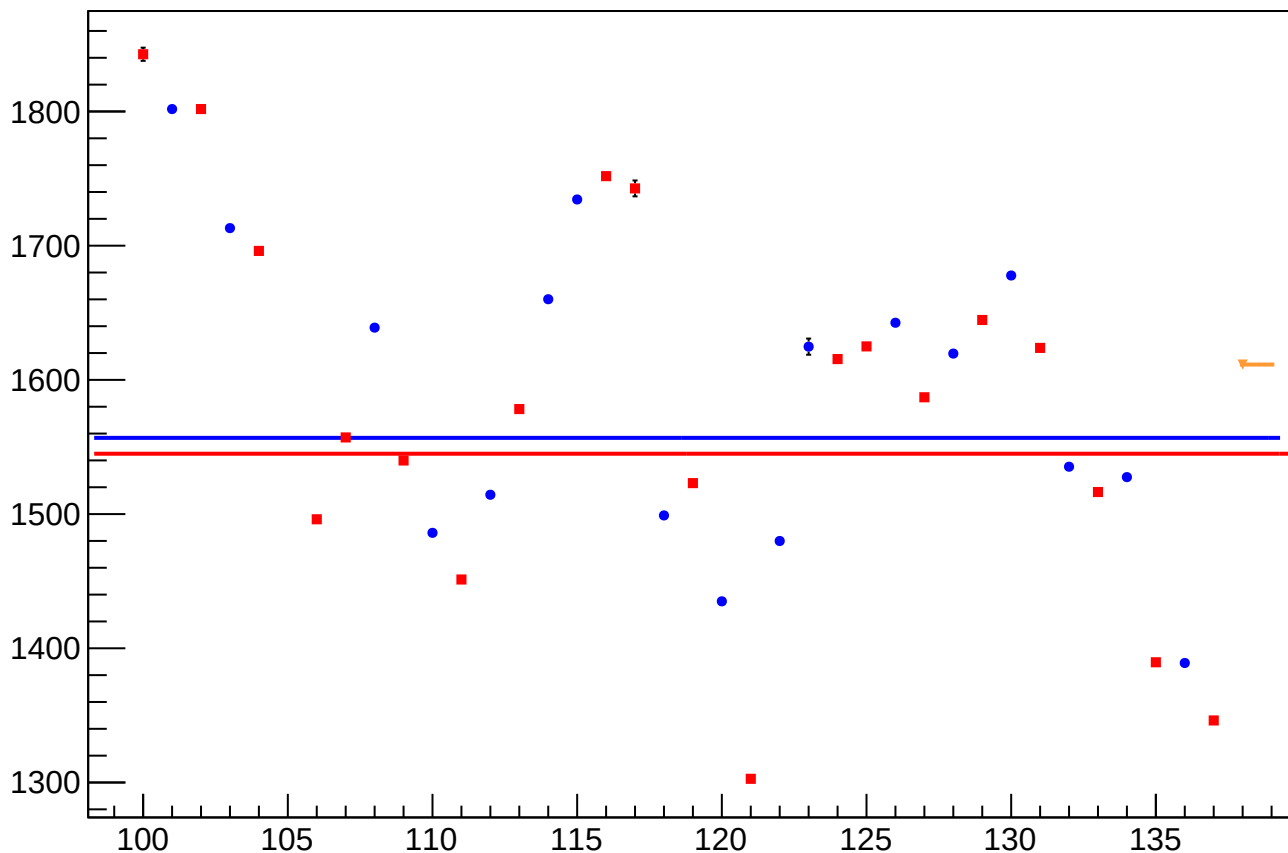
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-87.727 ± 0.573 χ^2/NDF : 10877.8/17

-51.049 ± 0.407 χ^2/NDF : 24298.7/37

-13.698 ± 0.578 χ^2/NDF : 5144.2/19

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

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

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

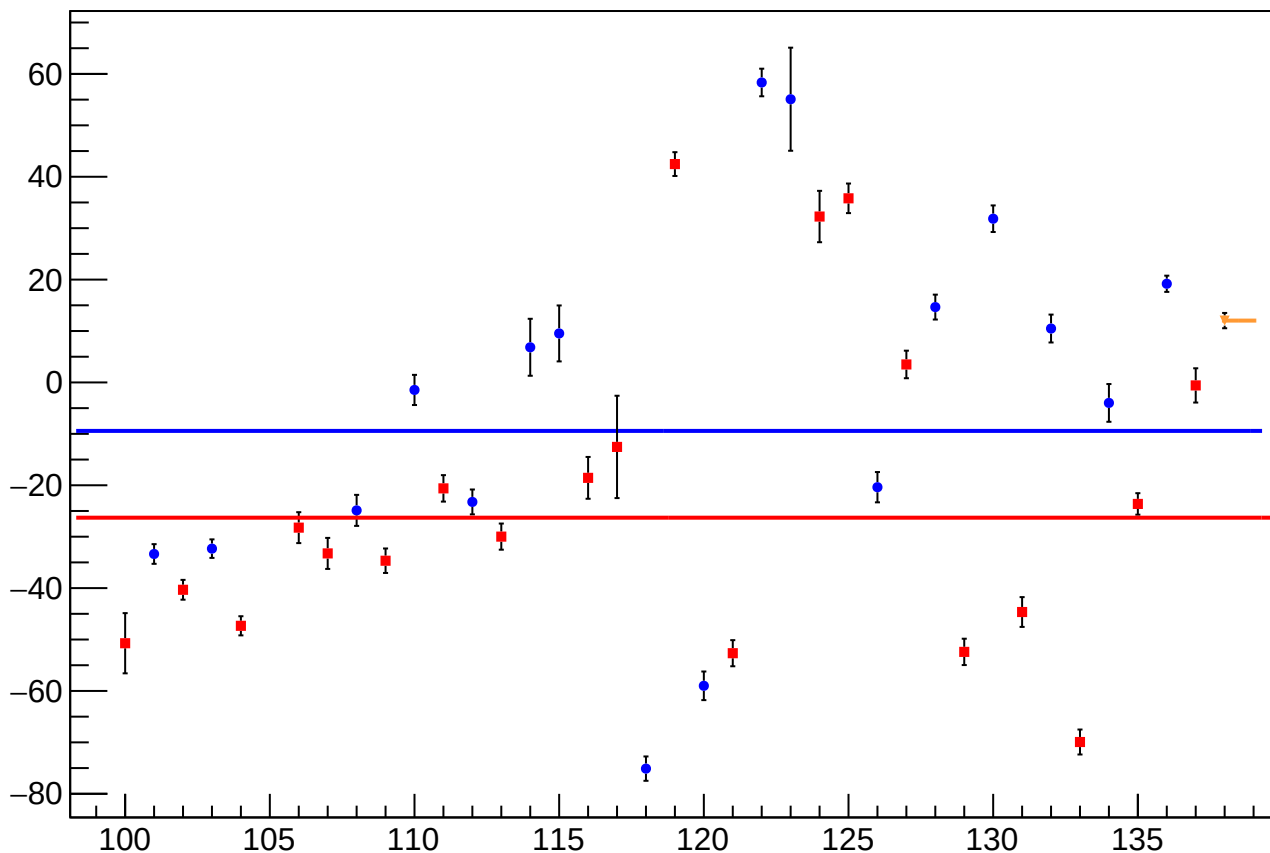
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

1553.500 $\pm$ 0.288 χ^2 /NDF: 185565.3/37

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

diff_bpm0i02aY_mean vs Slug, Sign Corrected



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

Left Out: 12.027+/-1.488 χ^2 /NDF: 0.0/0

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

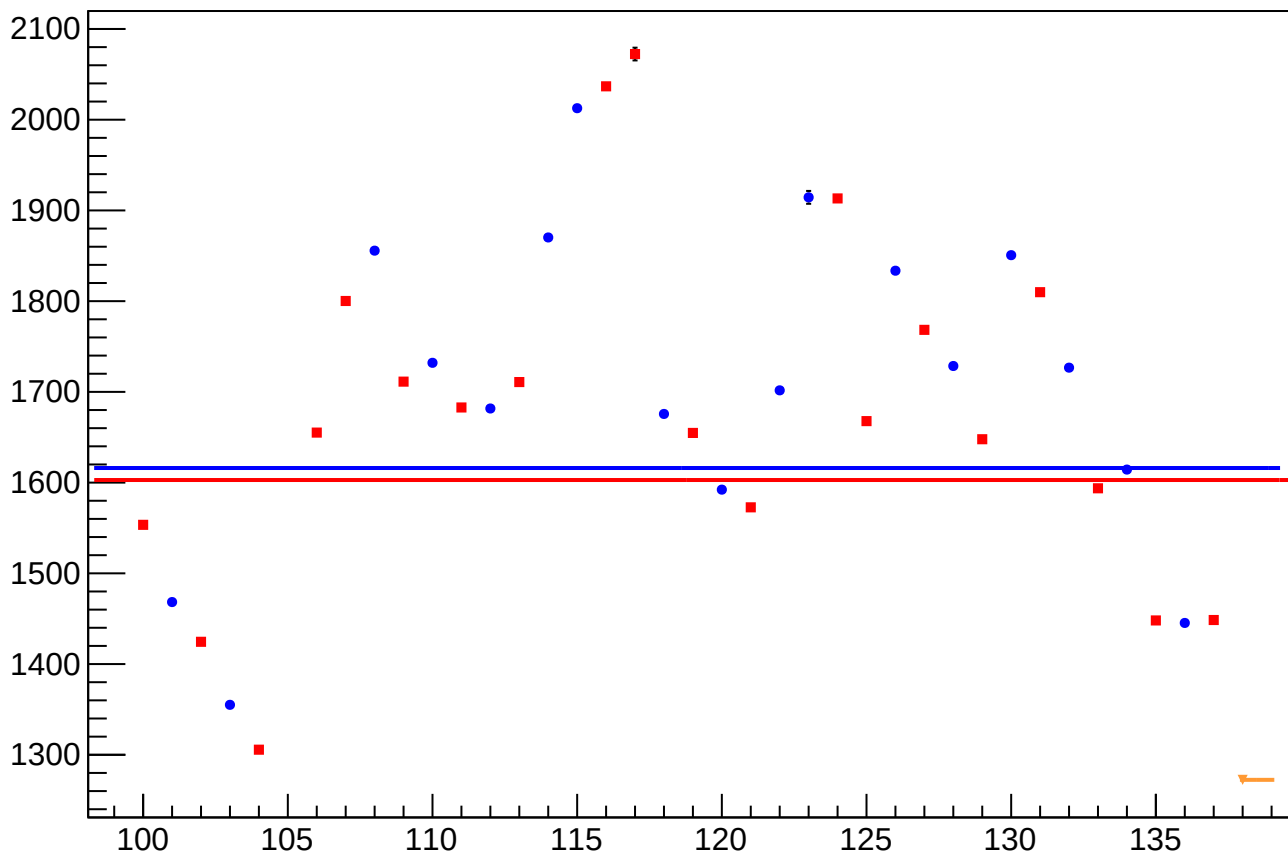
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.197+/-0.577 χ^2 /NDF: 3100.7/17

-15.836+/-0.417 χ^2 /NDF: 6156.0/37

-26.304+/-0.602 χ^2 /NDF: 2474.0/19

diff_bpm0i02aY_rms vs Slug, Sign Corrected



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

Left Out: 1272.384 $\pm$ 1.052 χ^2 /NDF: 0.0/0

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

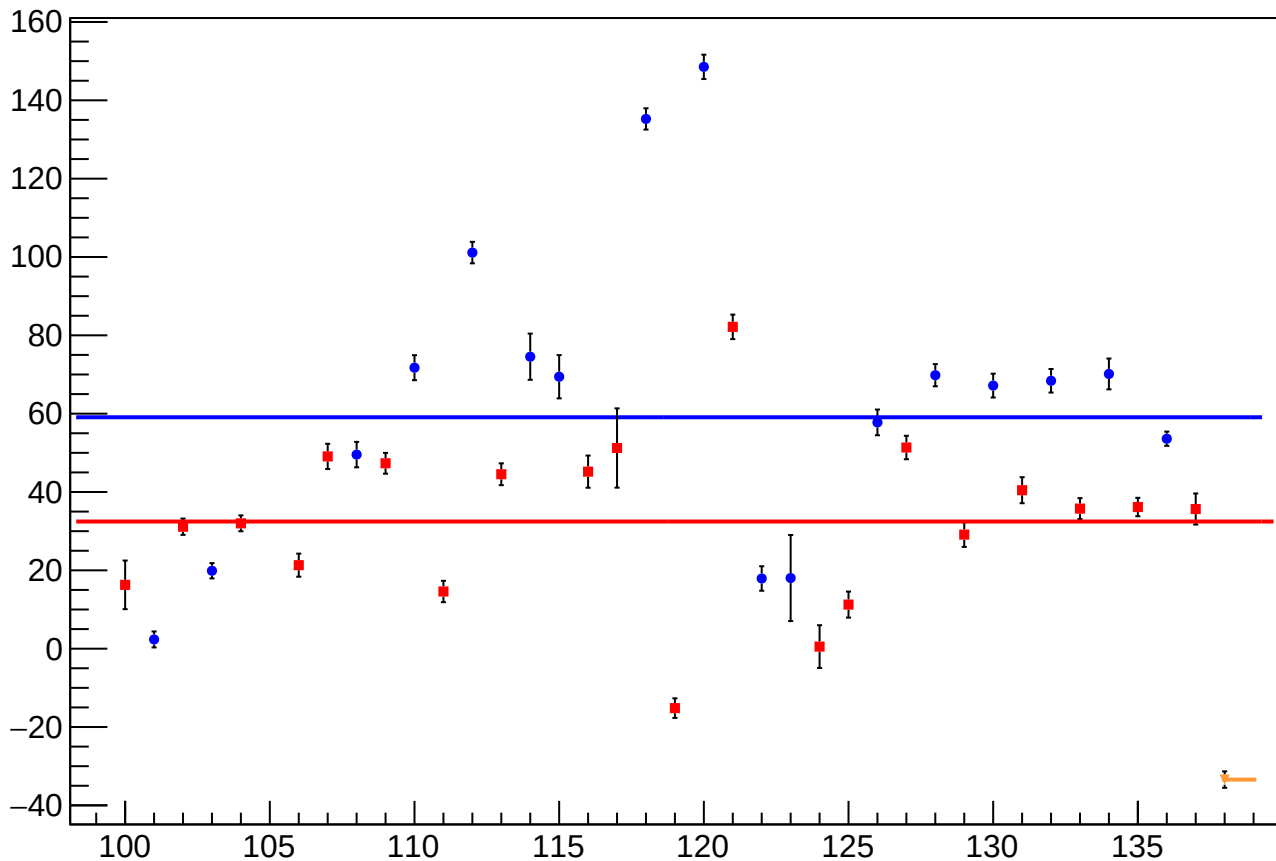
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1564.349 $\pm$ 0.408 χ^2 /NDF: 240233.6/17

1582.809 $\pm$ 0.295 χ^2 /NDF: 402617.8/37

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

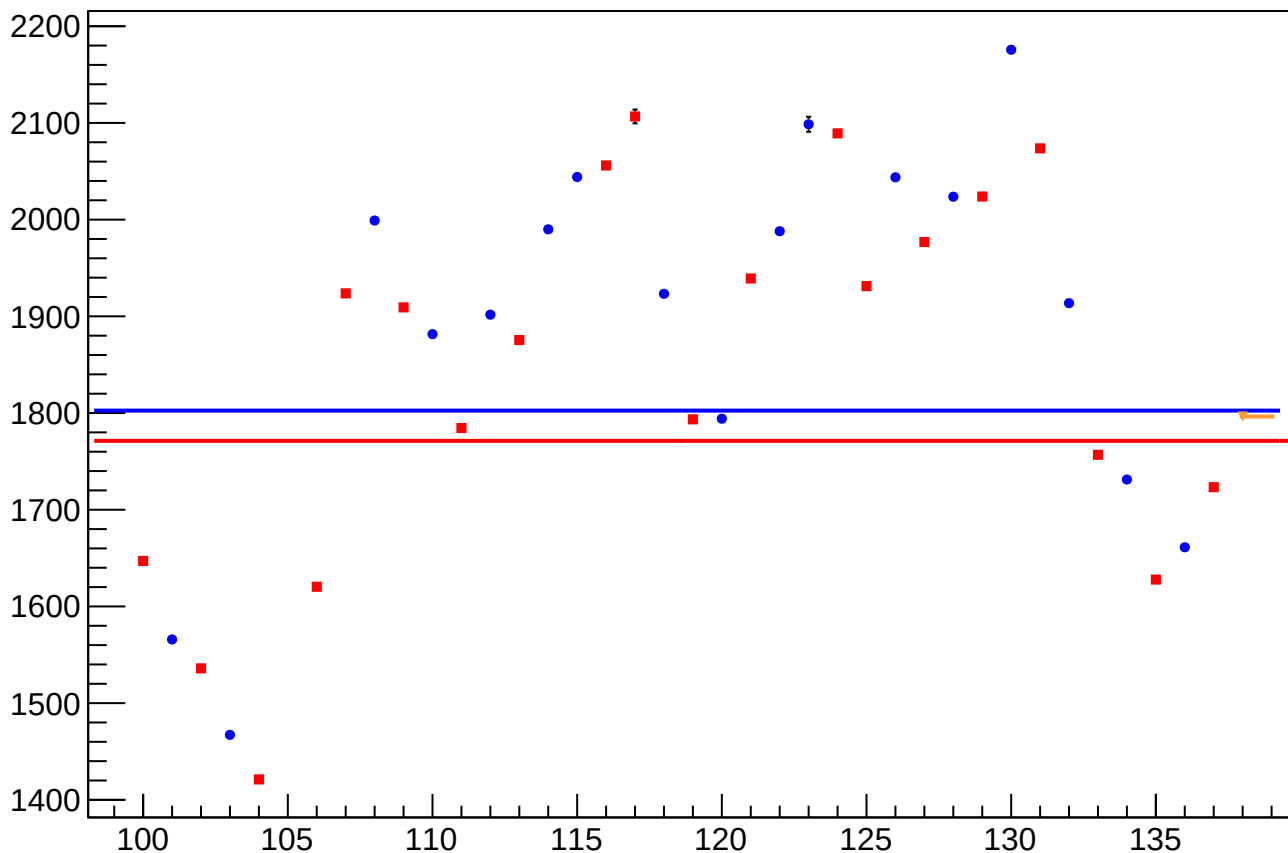
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

49.826+/-0.664 χ^2/NDF : 5043.7/17

41.164+/-0.470 χ^2/NDF : 6280.1/37

32.463+/-0.665 χ^2/NDF : 894.9/19

diff_bpm0i05X_rms vs Slug, Sign Corrected



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

Left Out: 1796.406+/-1.483 χ^2/NDF : 0.0/0

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

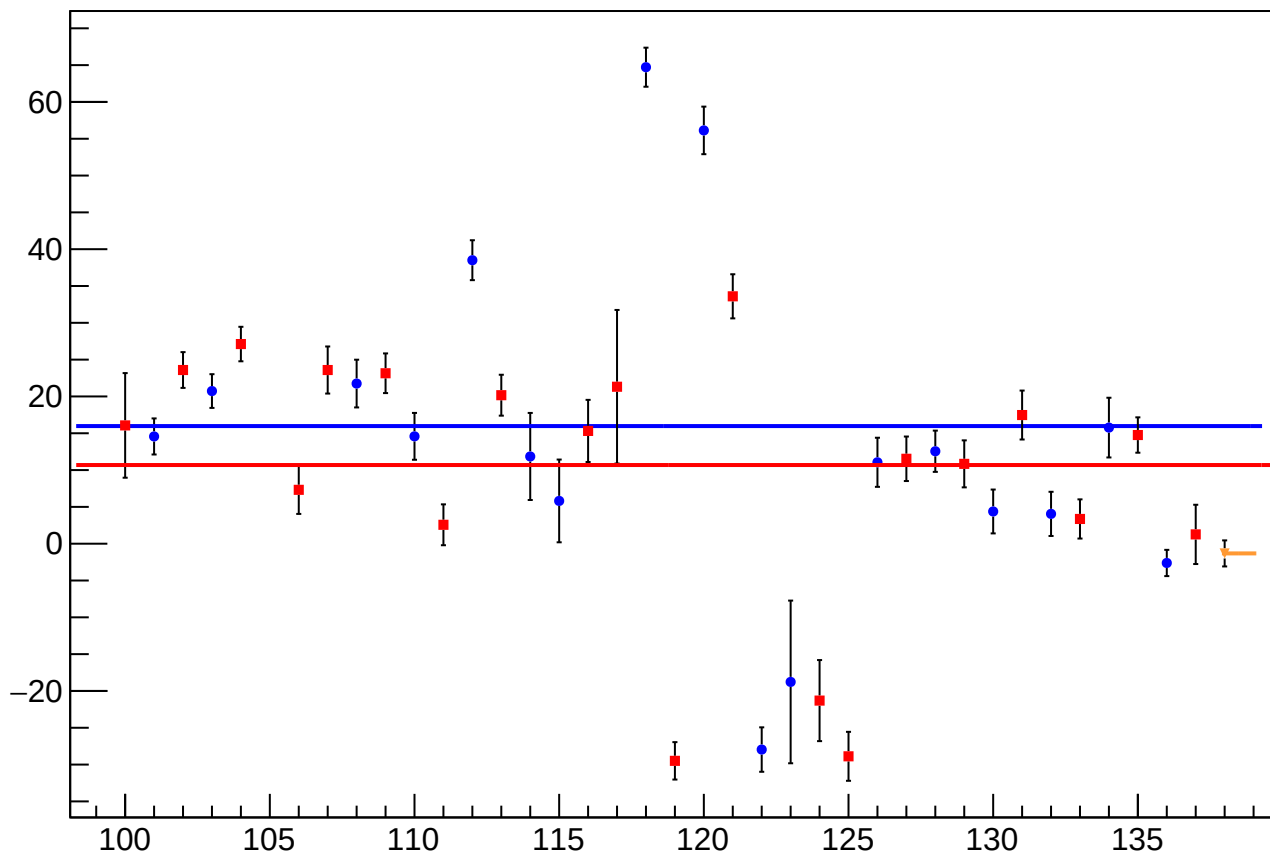
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1786.604+/-0.332 χ^2/NDF : 366319.4/37

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

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 15.976 $\pm$ 0.722 χ^2/NDF : 938.4/16

Left Out: -1.319 $\pm$ 1.769 χ^2/NDF : 0.0/0

Right Out: 10.685 $\pm$ 0.692 χ^2/NDF : 643.2/19

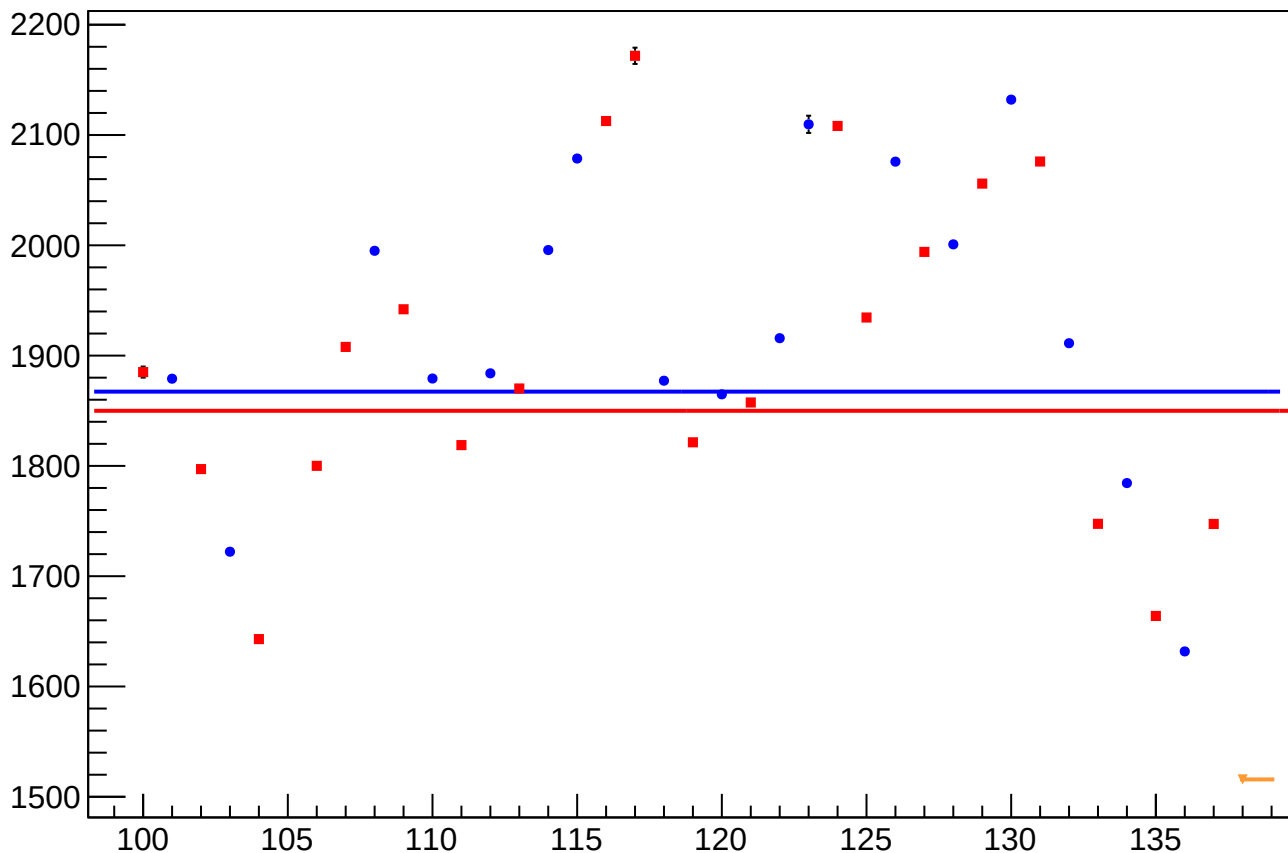
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13.510 $\pm$ 0.668 χ^2/NDF : 1020.3/17

12.146 $\pm$ 0.481 χ^2/NDF : 1672.1/37

10.685 $\pm$ 0.692 χ^2/NDF : 643.2/19

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

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

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

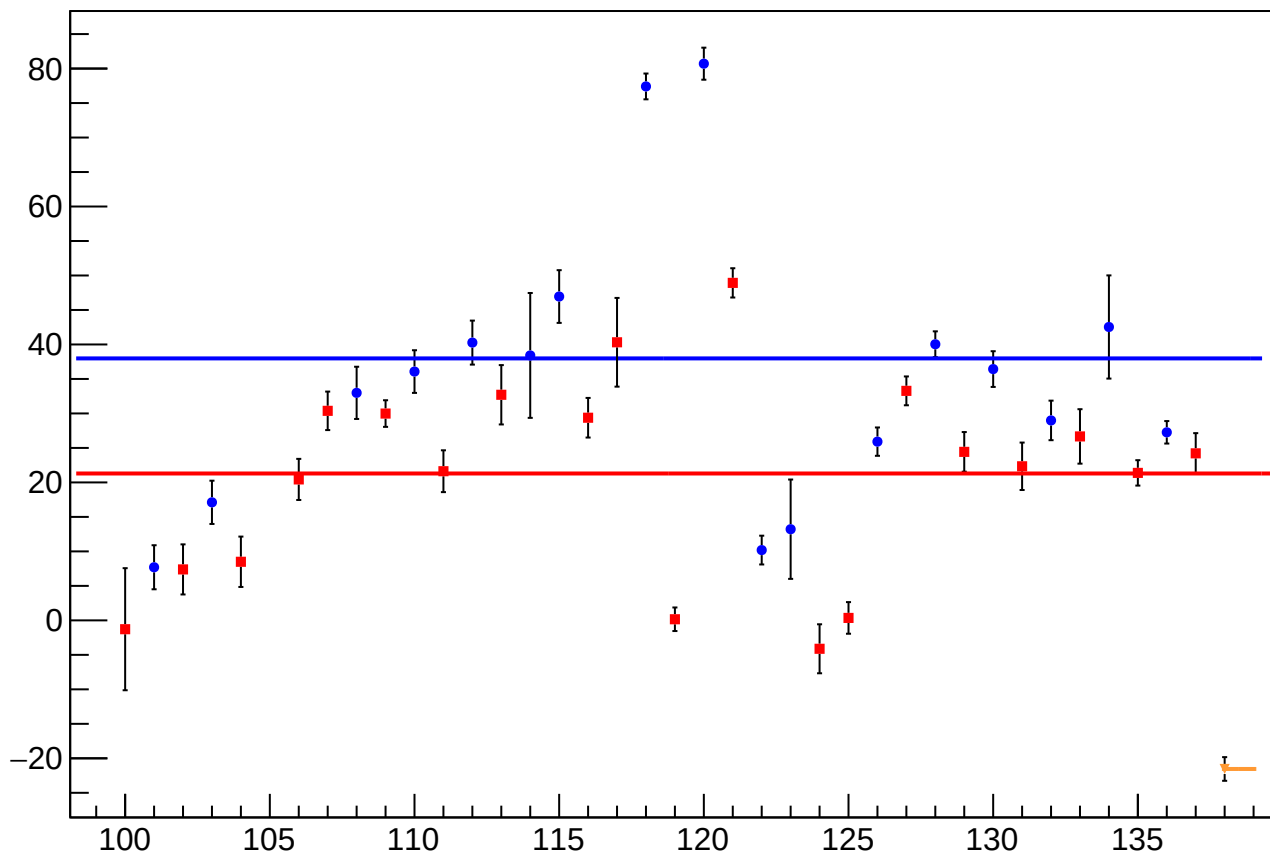
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

1833.009+/-0.340 χ^2/NDF : 225395.4/37

1849.954+/-0.489 χ^2/NDF : 74440.9/19

diff_bpm0i07X_mean vs Slug, Sign Corrected



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

Left Out: -21.543 $\pm$ 1.716 χ^2 /NDF: 0.0/0

Right Out: 21.294 $\pm$ 0.606 χ^2 /NDF: 582.5/19

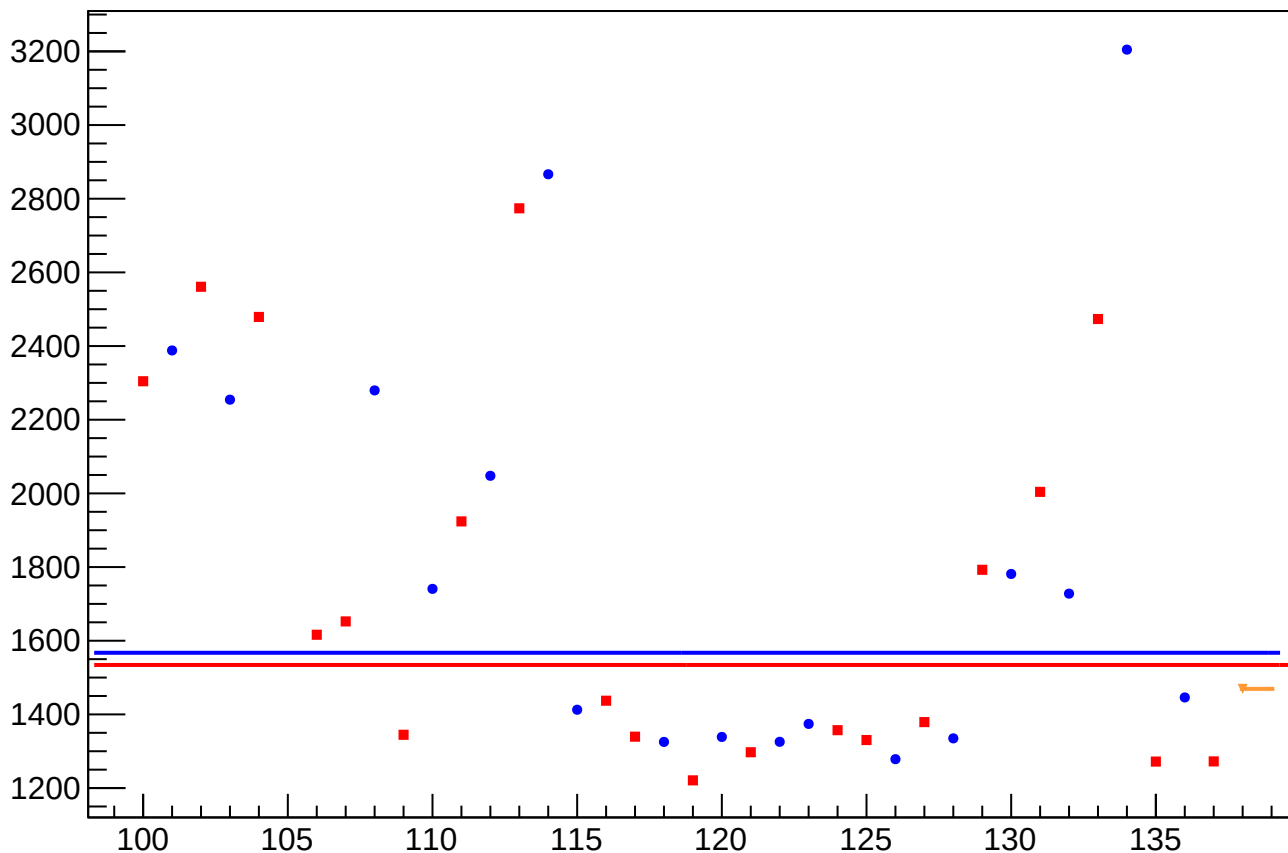
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.759 $\pm$ 0.597 χ^2 /NDF: 2262.0/17

26.091 $\pm$ 0.425 χ^2 /NDF: 2968.3/37

21.294 $\pm$ 0.606 χ^2 /NDF: 582.5/19

diff_bpm0i07X_rms vs Slug, Sign Corrected



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

Left Out: 1469.333+/-1.213 χ^2 /NDF: 0.0/0

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

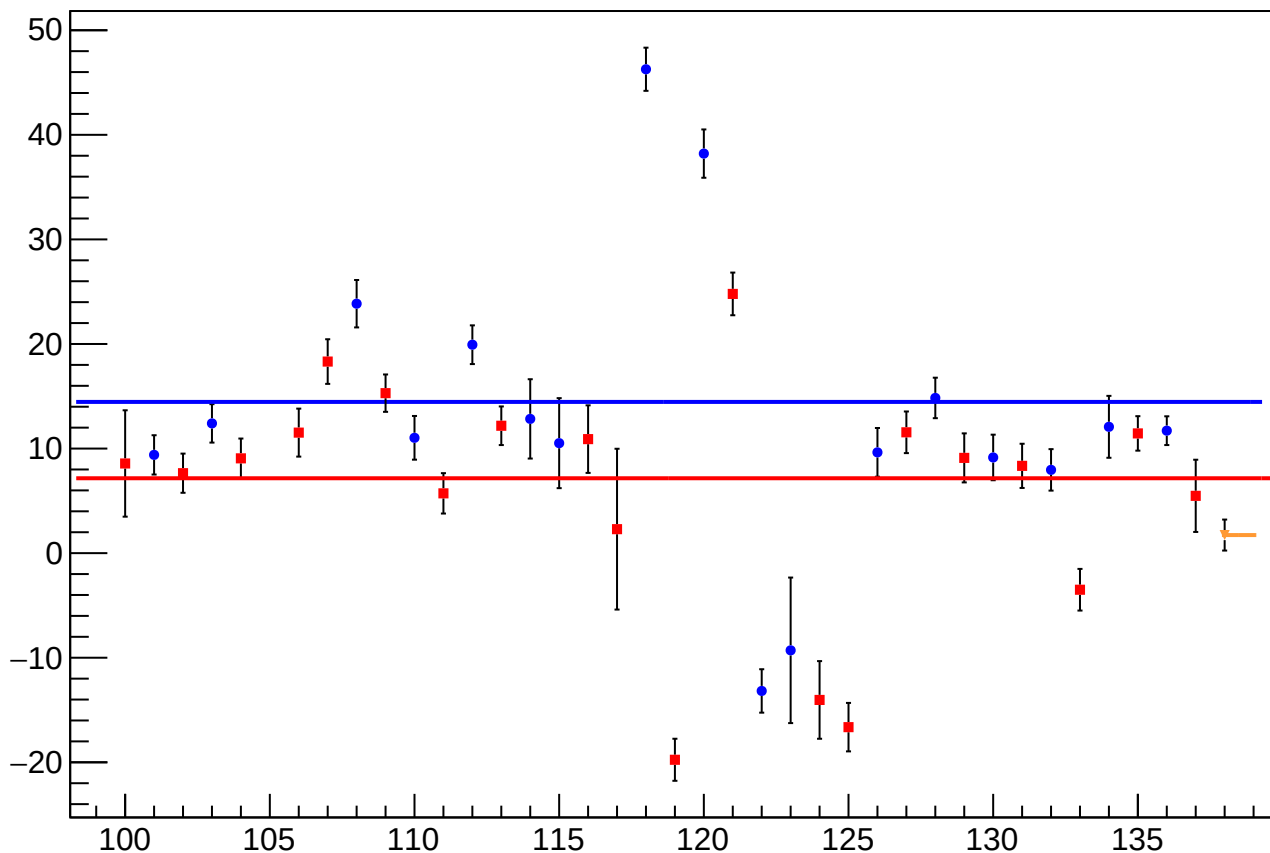
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

1544.978+/-0.301 χ^2 /NDF: 1564376.5/37

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.461 $\pm$ 0.523 χ^2/NDF : 595.9/16

Left Out: 1.729 $\pm$ 1.482 χ^2/NDF : 0.0/0

Right Out: 7.161 $\pm$ 0.493 χ^2/NDF : 496.1/19

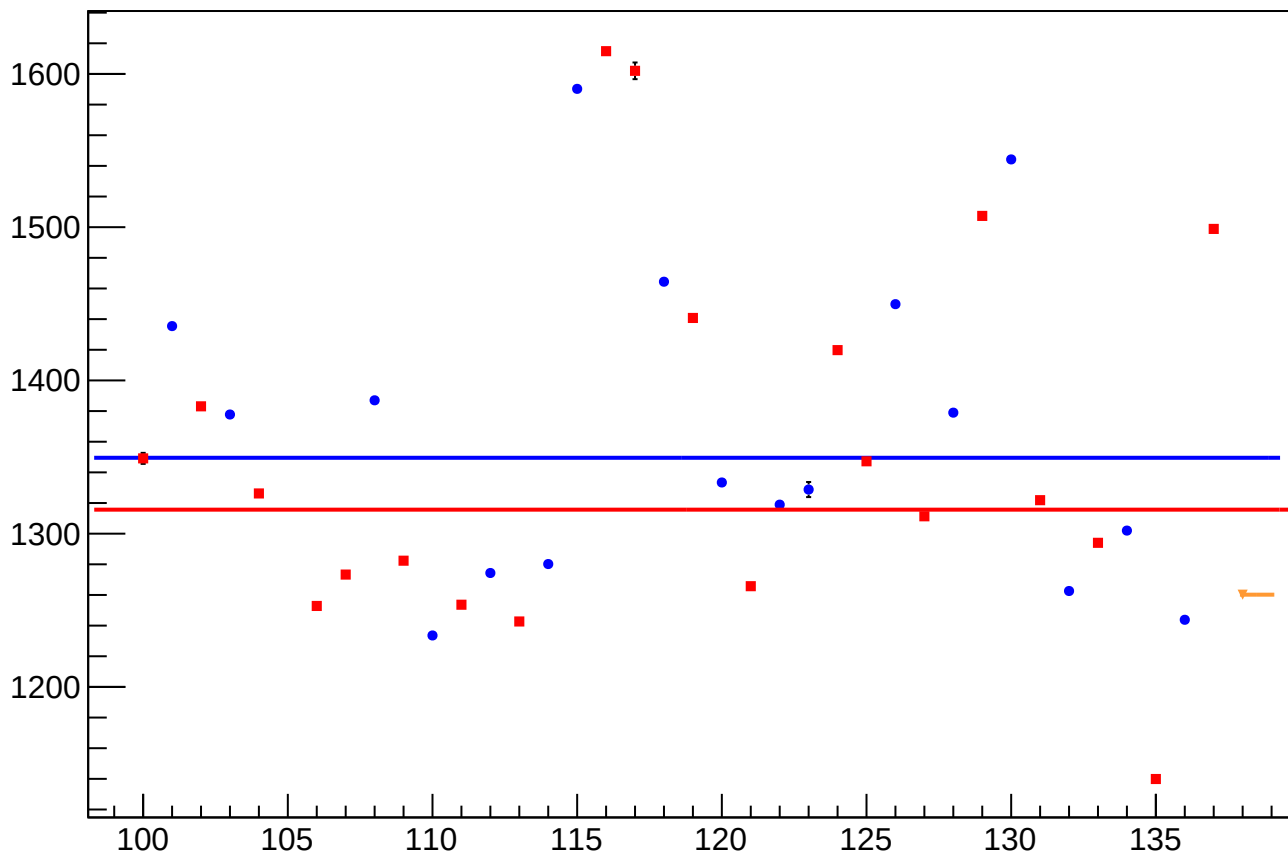
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13.049 $\pm$ 0.493 χ^2/NDF : 661.6/17

10.105 $\pm$ 0.349 χ^2/NDF : 1228.9/37

7.161 $\pm$ 0.493 χ^2/NDF : 496.1/19

diff_bpm0i07Y_rms vs Slug, Sign Corrected



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

Left Out: 1260.188 $\pm$ 1.048 χ^2 /NDF: 0.0/0

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

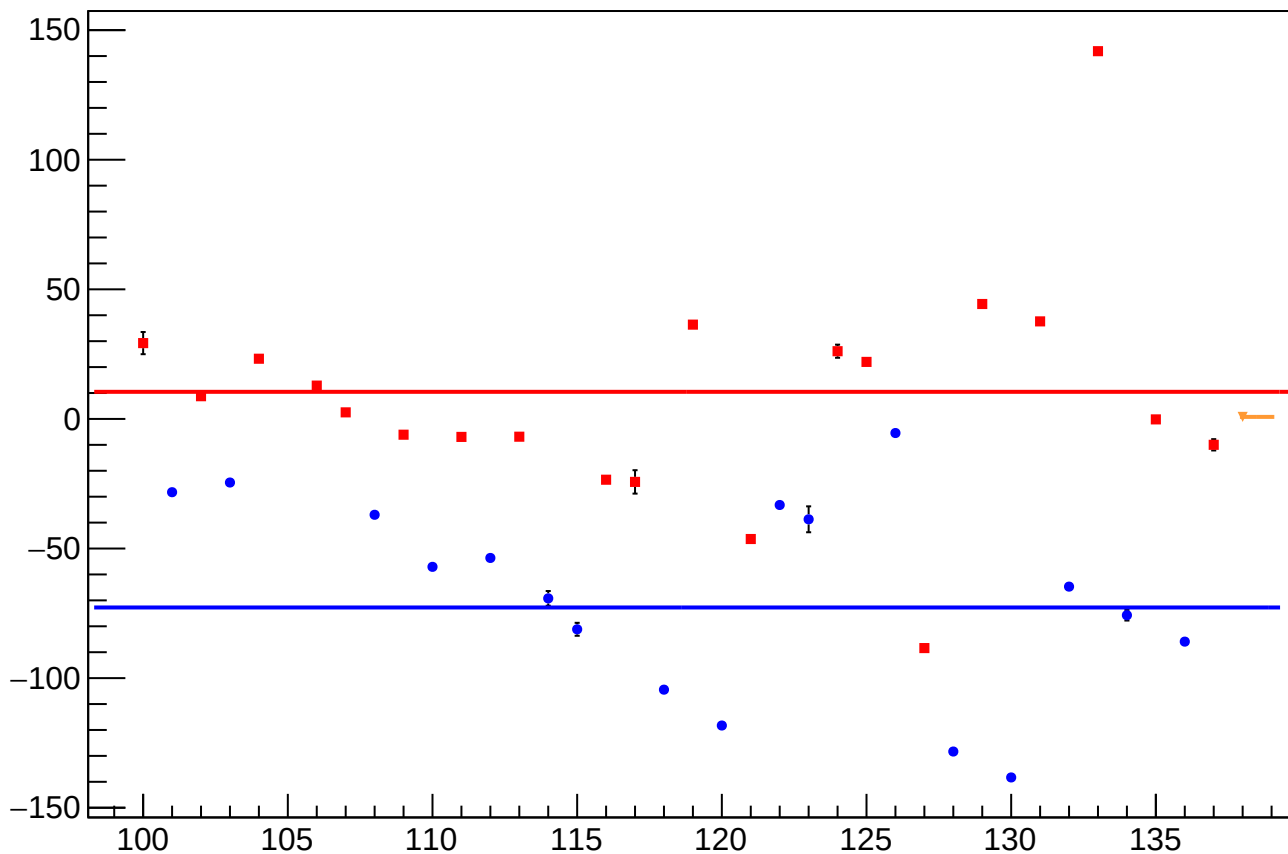
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1339.619 $\pm$ 0.349 χ^2 /NDF: 71131.1/17

1327.644 $\pm$ 0.247 χ^2 /NDF: 157226.7/37

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

diff_bpm1i02X_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 18230.6/19$

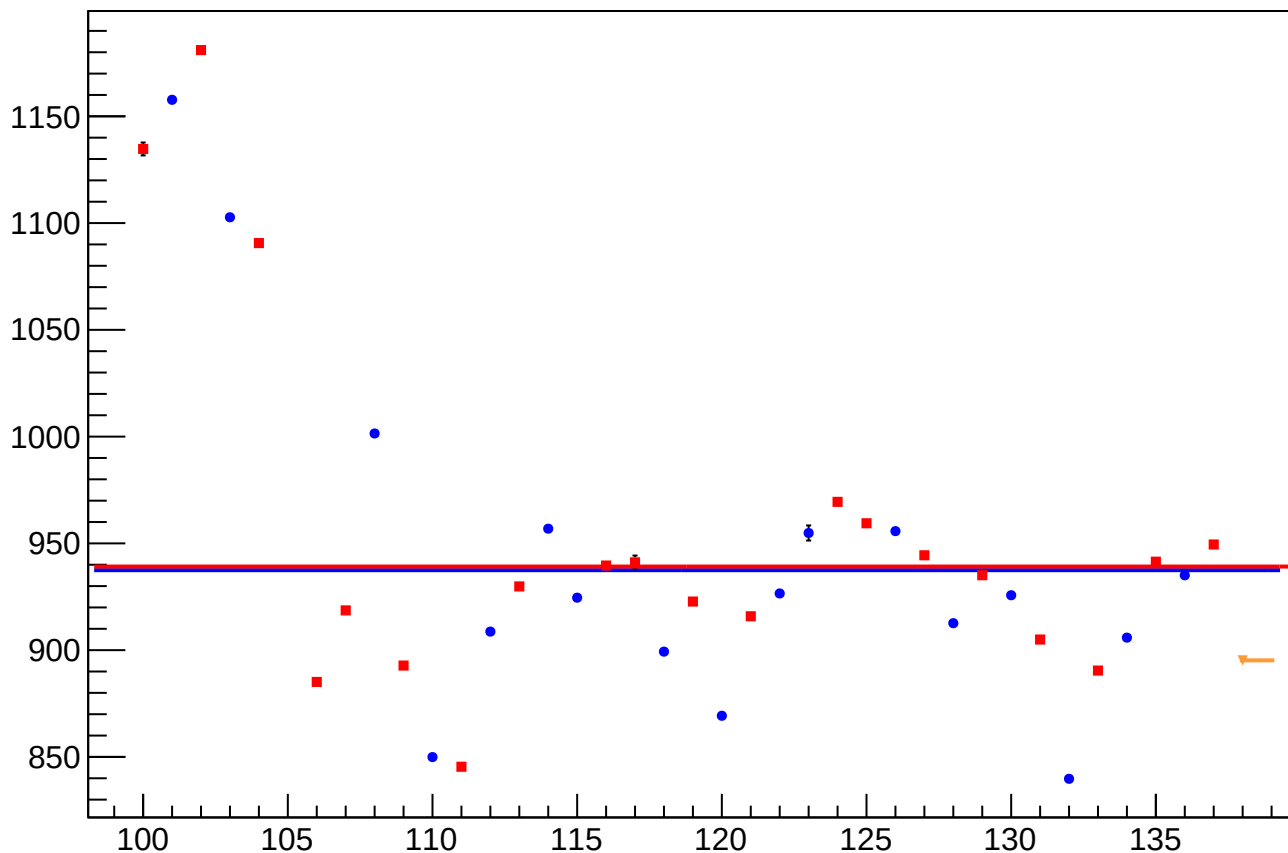
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-28.159 ± 0.245 $\chi^2/\text{NDF}: 57913.8/37$

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

diff_bpm1i02X_rms vs Slug, Sign Corrected



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

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

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

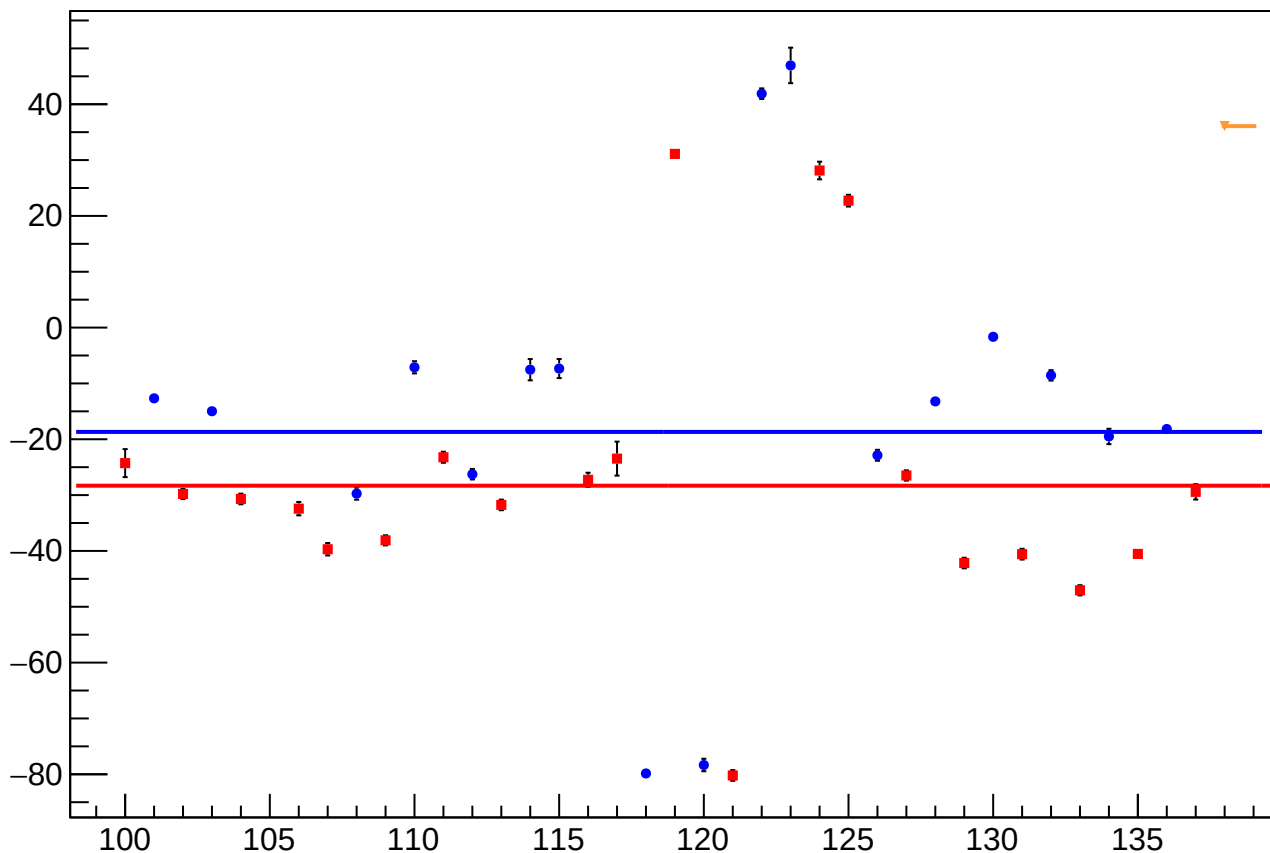
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

932.915+/-0.242 χ^2/NDF : 101226.8/17

935.953+/-0.173 χ^2/NDF : 191803.7/37

939.152+/-0.248 χ^2/NDF : 90253.6/19

diff_bpm1i02Y_mean vs Slug, Sign Corrected



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

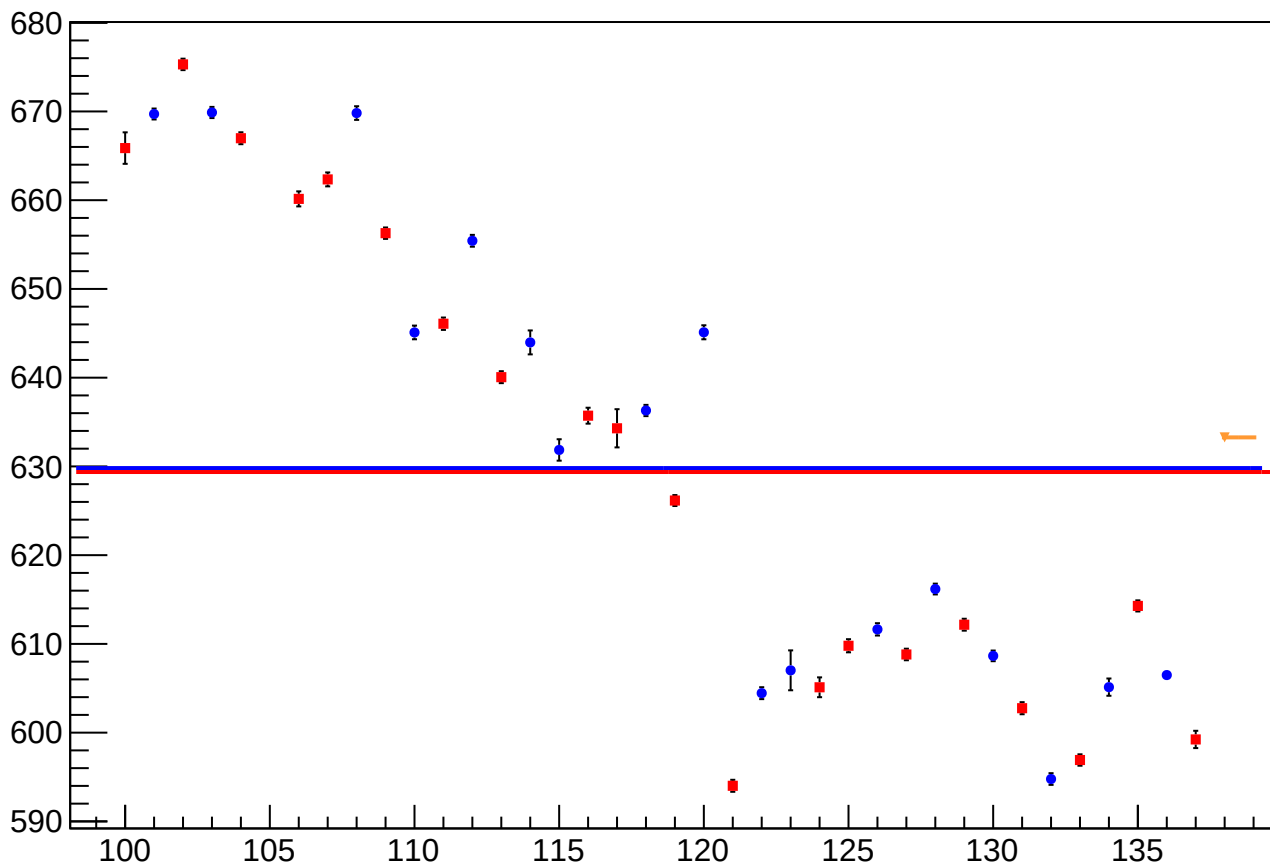
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-20.696 ± 0.164 $\chi^2/\text{NDF}: 32551.9/37$

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

diff_bpm1i02Y_rms vs Slug, Sign Corrected



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

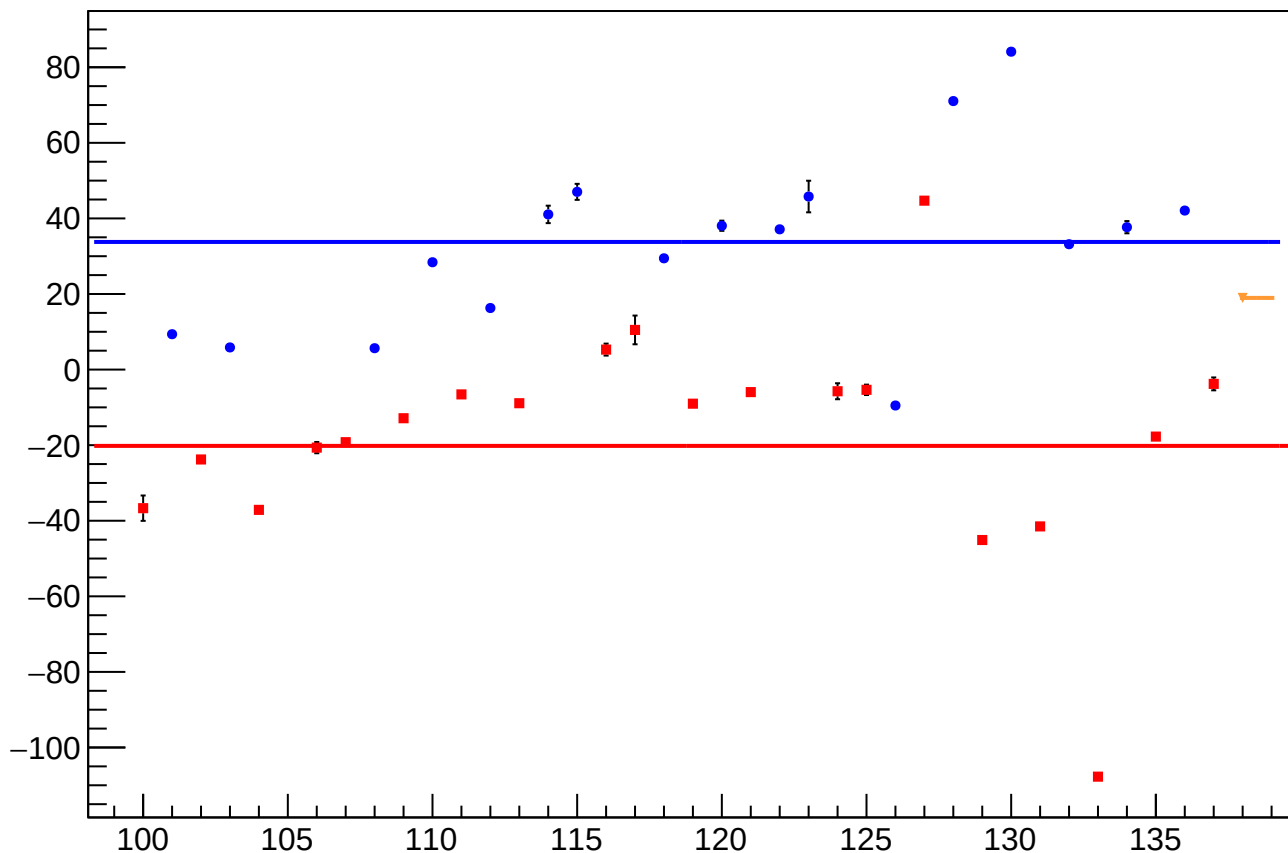
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

630.151+/-0.163 χ^2/NDF : 23337.9/17

629.768+/-0.116 χ^2/NDF : 48892.9/37

629.370+/-0.166 χ^2/NDF : 25543.7/19

diff_bpm1i04X_mean vs Slug, Sign Corrected



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

Left Out: 18.965+/-1.126 χ^2 /NDF: 0.0/0

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

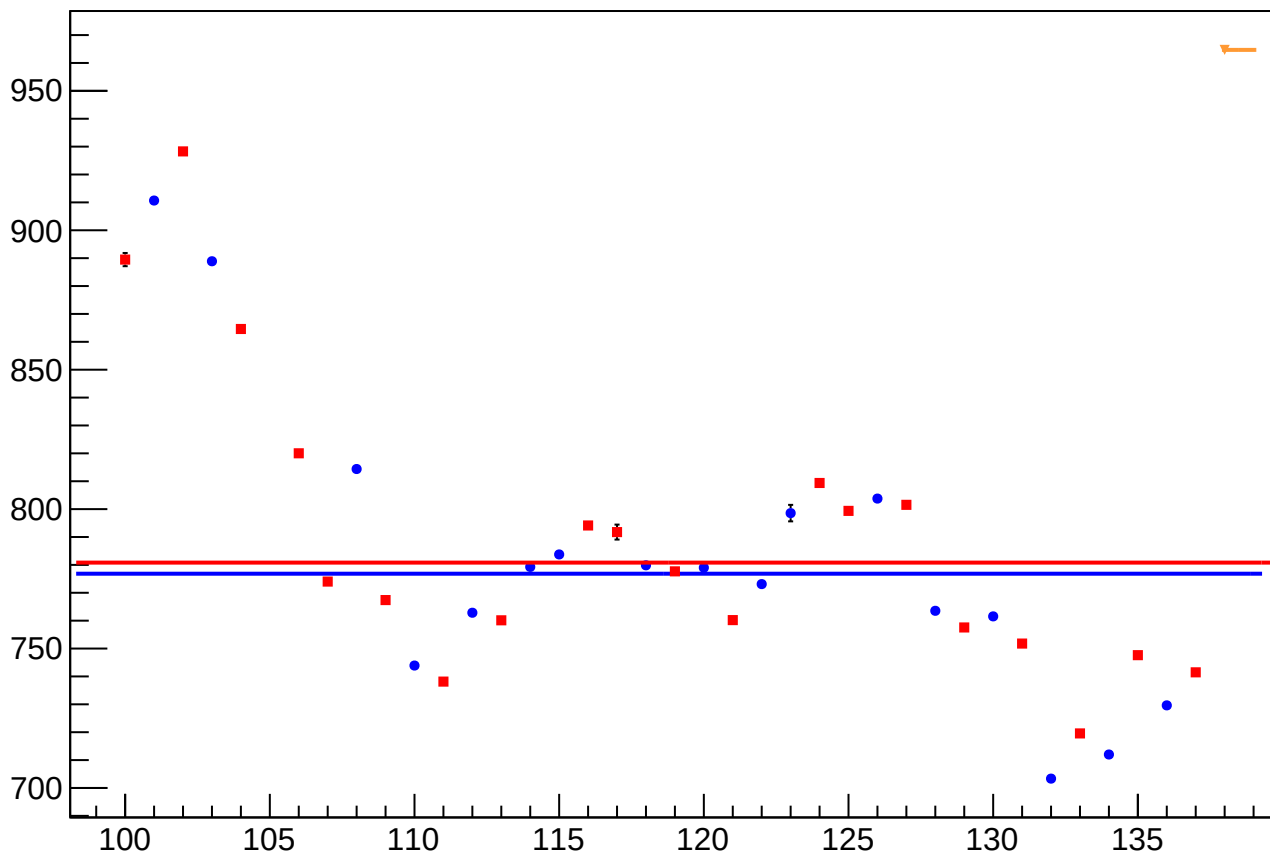
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.792+/-0.290 χ^2 /NDF: 6649.5/17

6.470+/-0.206 χ^2 /NDF: 34610.1/37

-20.193+/-0.292 χ^2 /NDF: 11353.3/19

diff_bpm1i04X_rms vs Slug, Sign Corrected



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

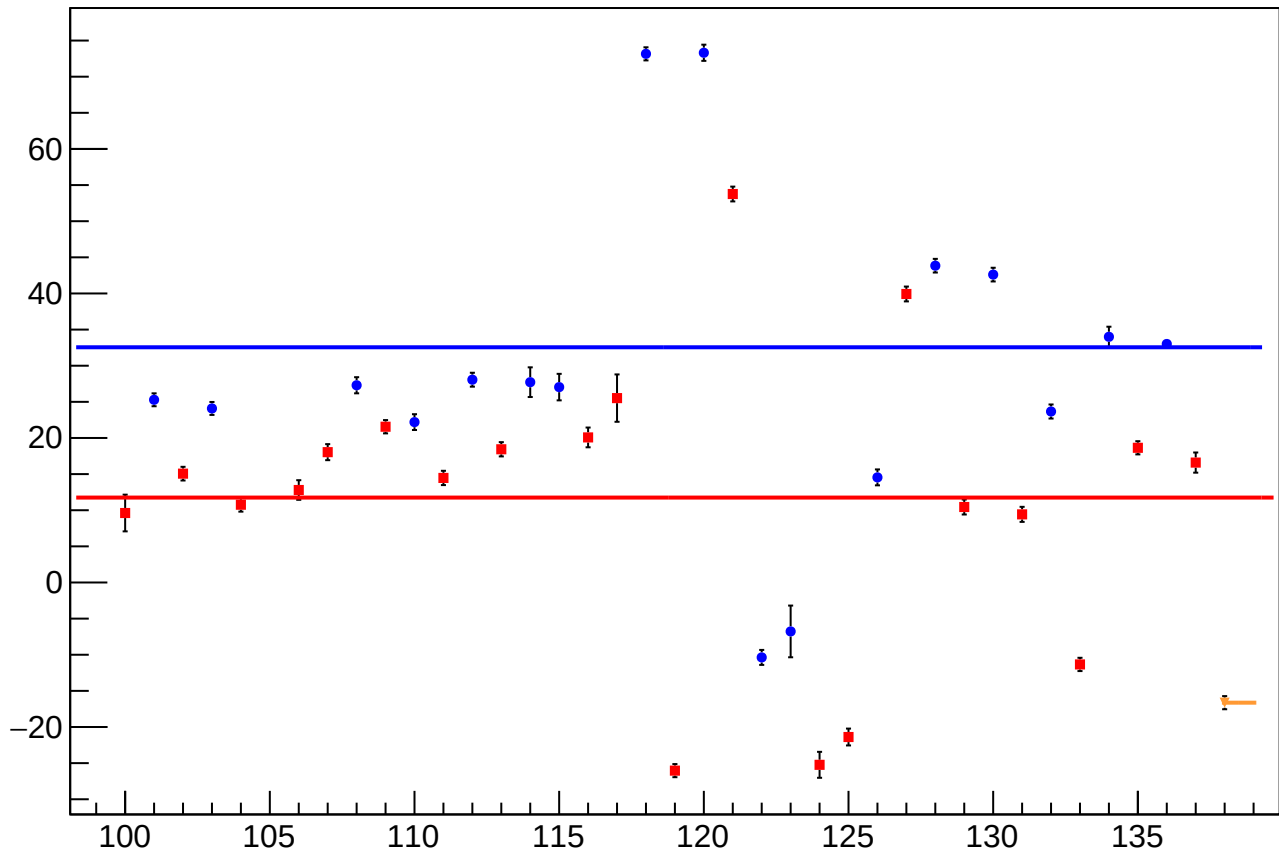
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

785.081 $\pm$ 0.145 χ^2 /NDF: 177789.5/37

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

Left Out: -16.633+/-0.909 χ^2/NDF : 0.0/0

Right Out: 11.752+/-0.246 χ^2/NDF : 6375.4/19

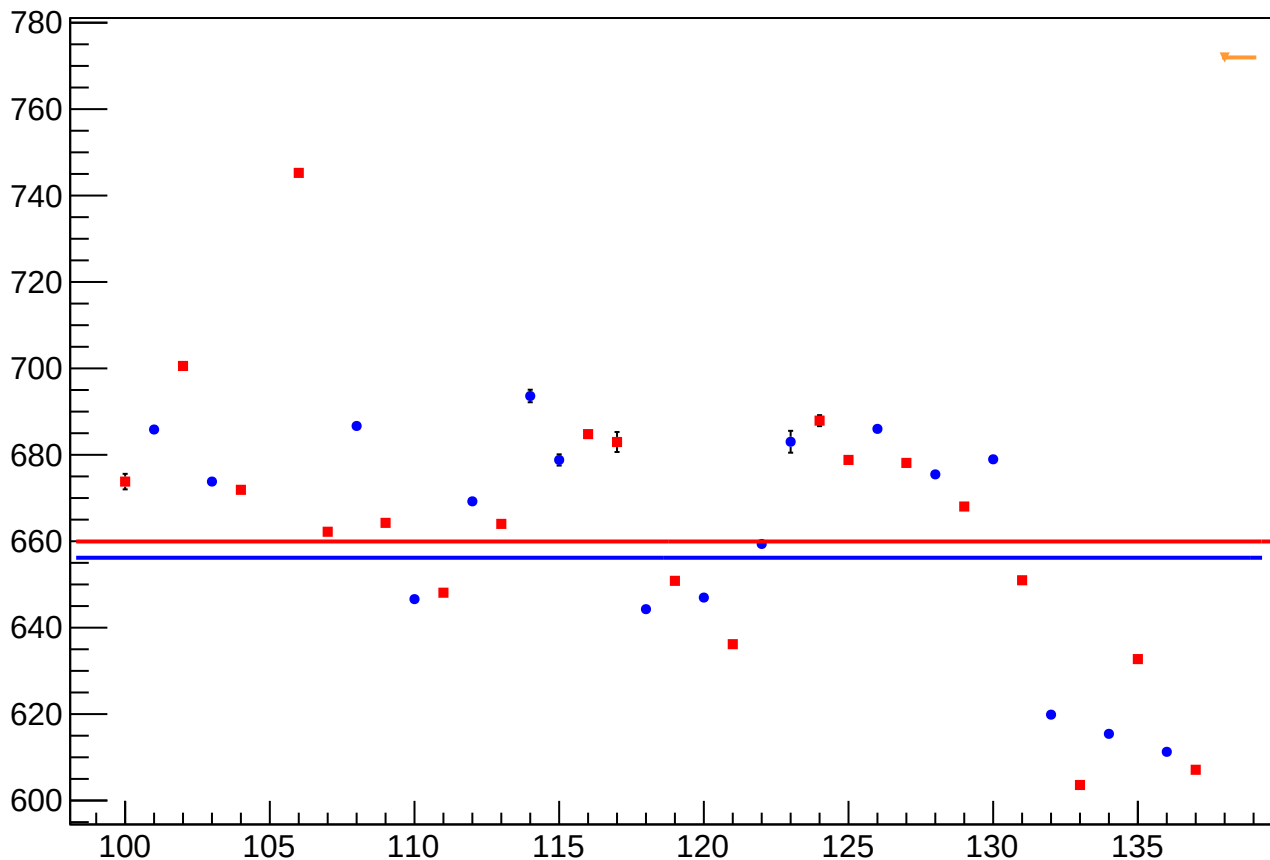
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

29.021+/-0.244 χ^2/NDF : 8789.4/17

20.481+/-0.173 χ^2/NDF : 17649.7/37

11.752+/-0.246 χ^2/NDF : 6375.4/19

diff_bpm1i04Y_rms vs Slug, Sign Corrected



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

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

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

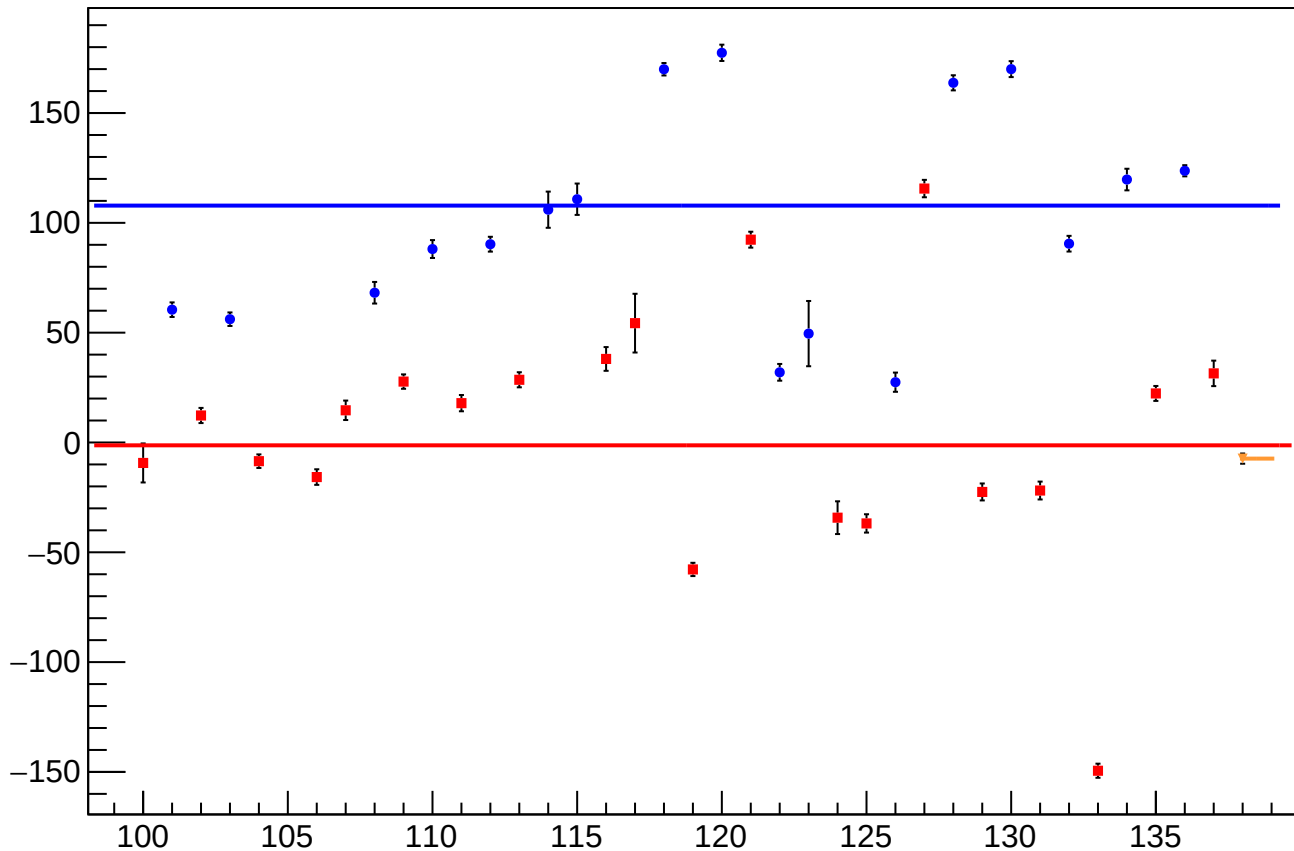
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

664.493+/-0.172 χ^2/NDF : 53673.5/17

662.243+/-0.122 χ^2/NDF : 82443.4/37

659.944+/-0.174 χ^2/NDF : 28425.0/19

diff_bpm1i06X_mean vs Slug, Sign Corrected



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

Left Out: -7.344 $\pm$ 2.332 χ^2 /NDF: 0.0/0

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

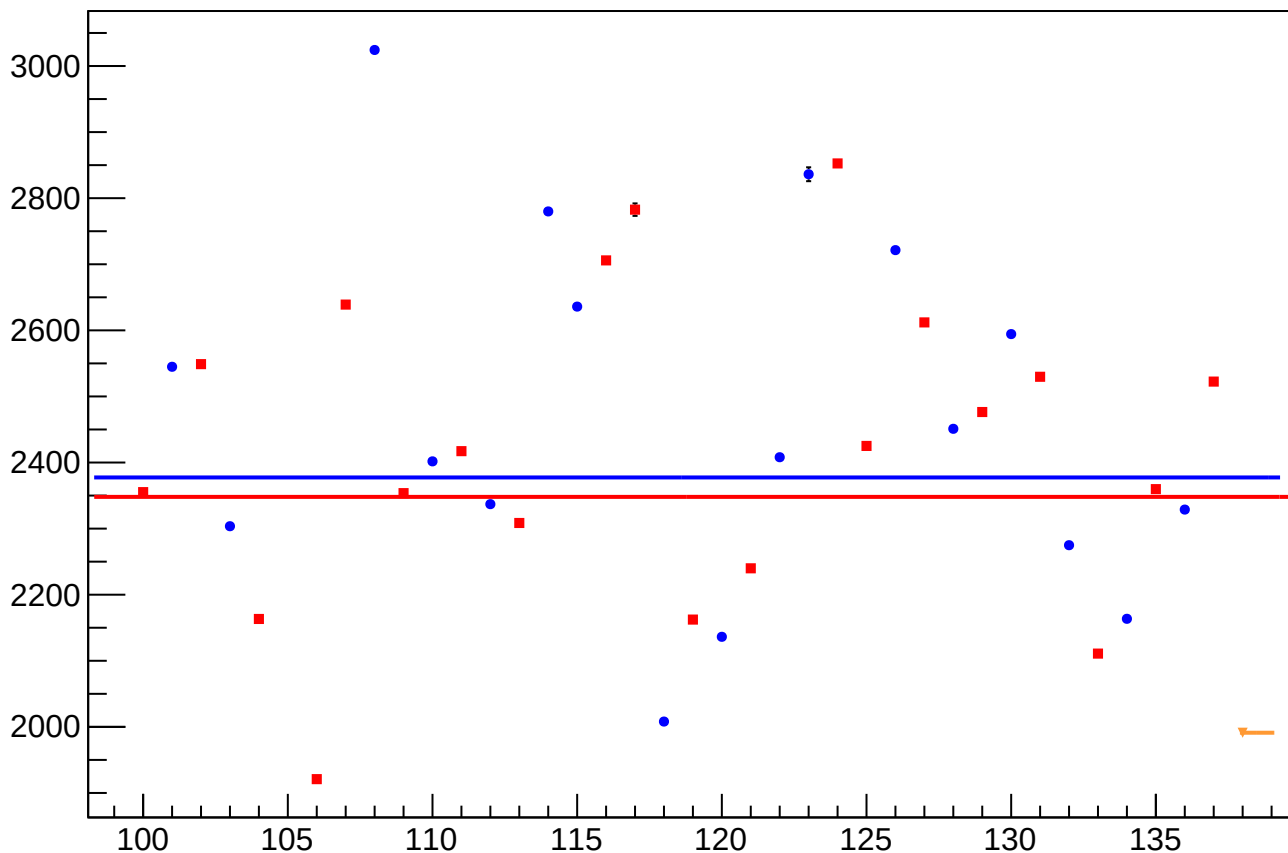
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

92.293 $\pm$ 0.857 χ^2 /NDF: 4919.4/17

46.807 $\pm$ 0.614 χ^2 /NDF: 15256.3/37

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

diff_bpm1i06X_rms vs Slug, Sign Corrected



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

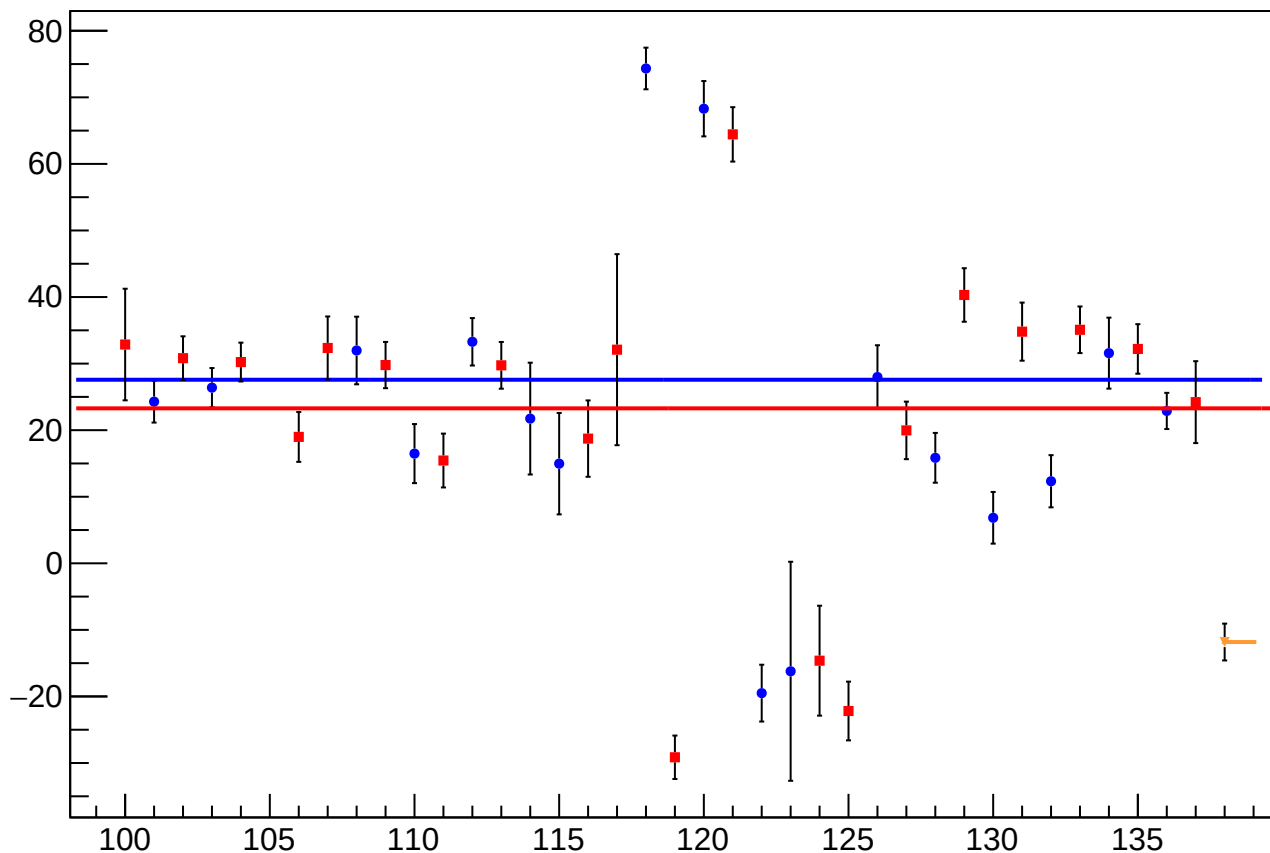
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2336.316+/-0.434 χ^2/NDF : 278175.2/37

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

diff_bpm1i06Y_mean vs Slug, Sign Corrected



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

Left Out: -11.826+/-2.765 χ^2/NDF : 0.0/0

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

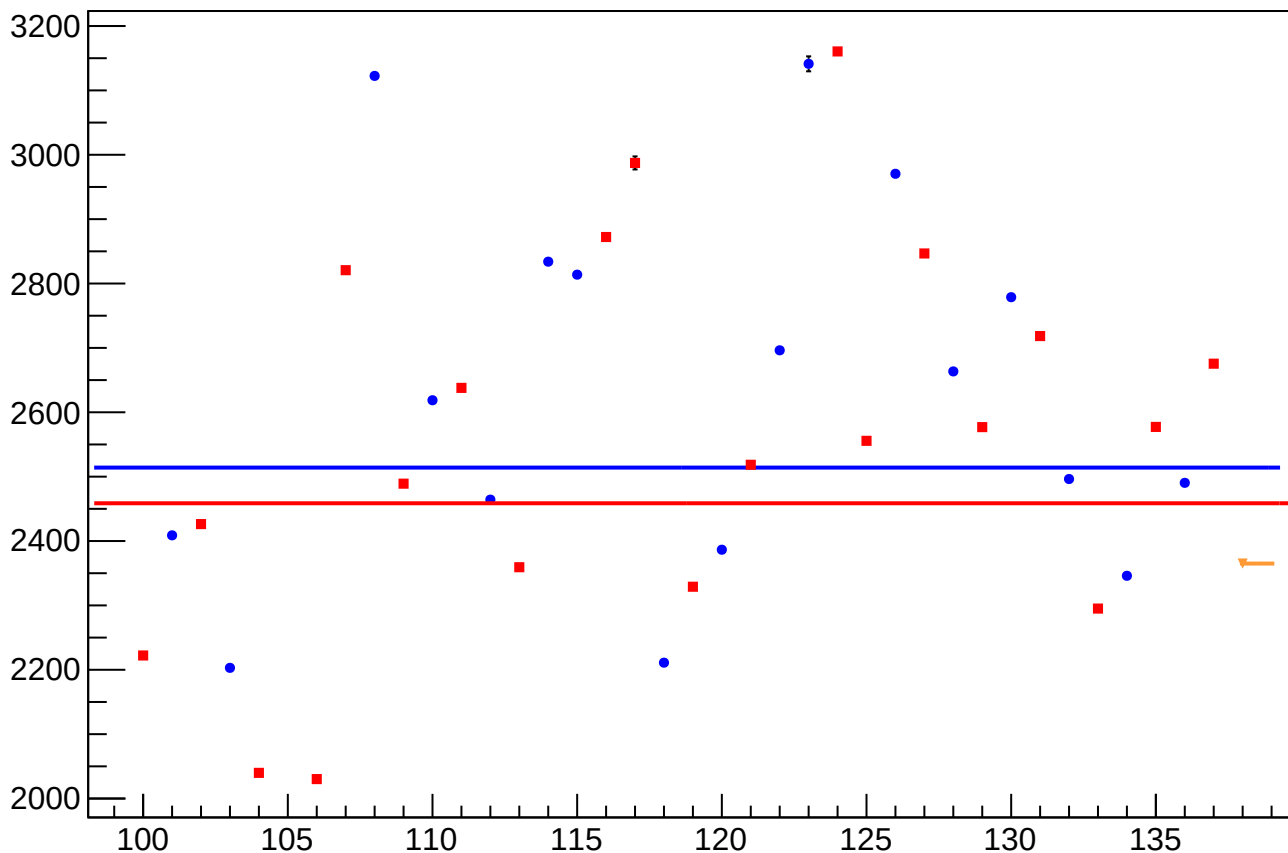
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

23.222+/-0.919 χ^2/NDF : 700.2/17

23.251+/-0.652 χ^2/NDF : 1258.4/37

23.280+/-0.925 χ^2/NDF : 558.2/19

diff_bpm1i06Y_rms vs Slug, Sign Corrected



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

Left Out: 2365.028+/-1.955 χ^2/NDF : 0.0/0

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

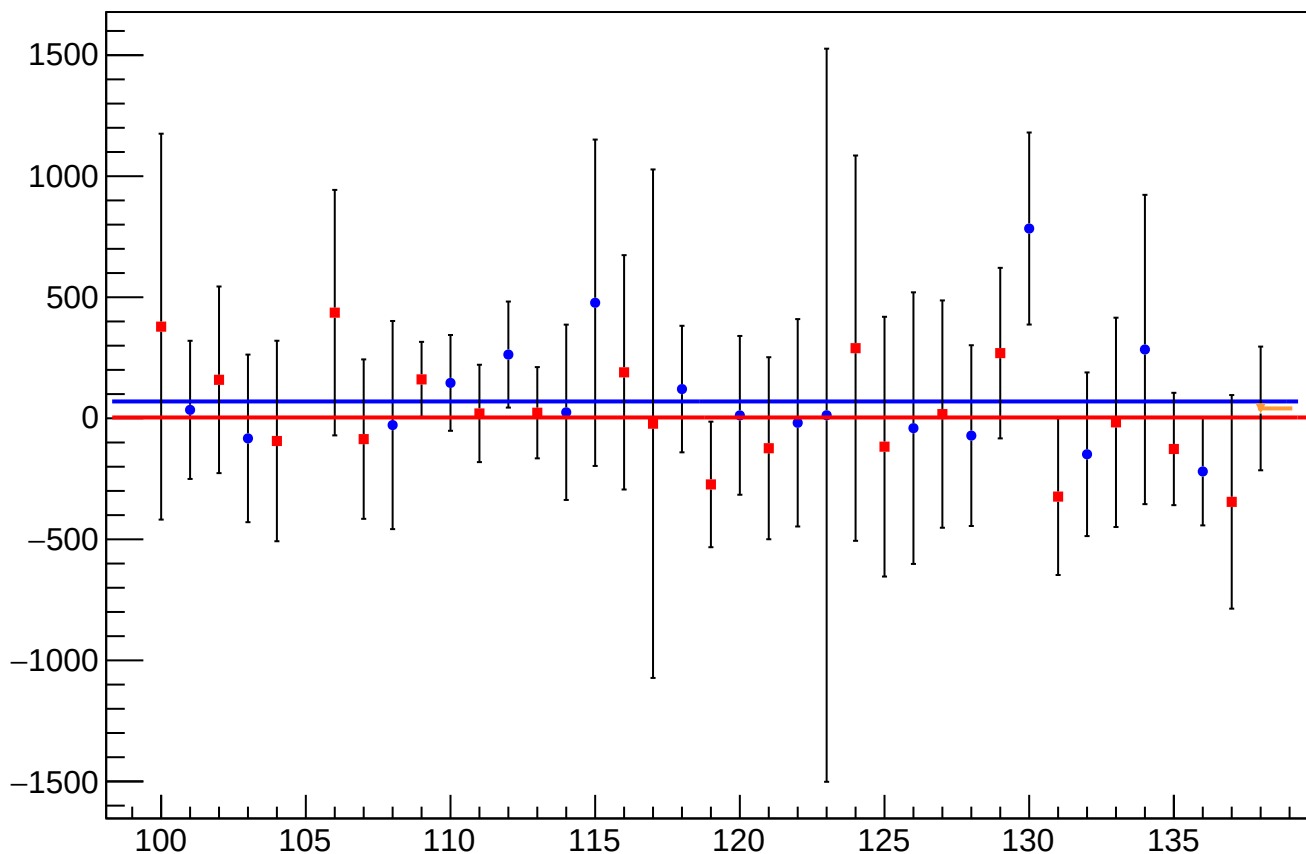
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2478.260+/-0.461 χ^2/NDF : 280372.3/37

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 40.703 $\pm$ 255.487 χ^2 /NDF: 0.0/0

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

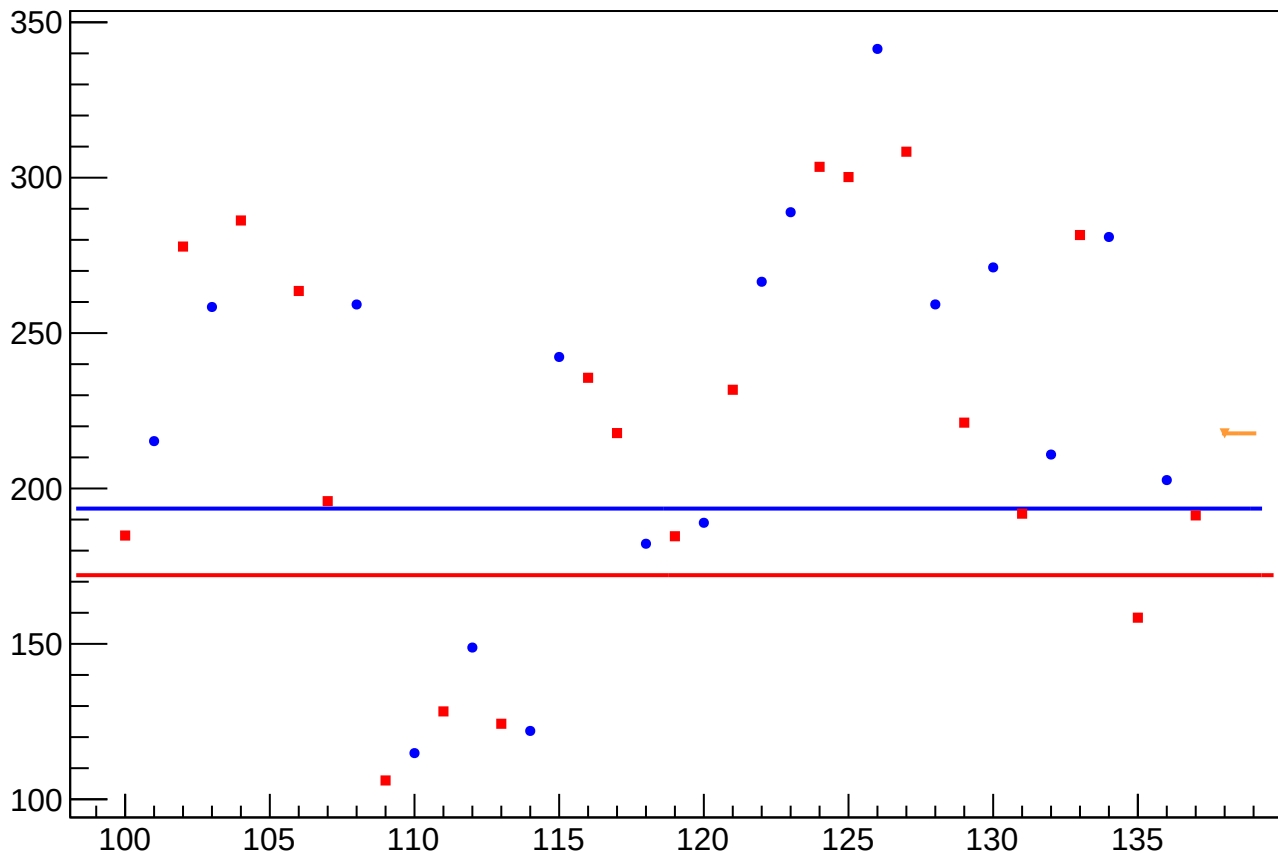
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

67.065 $\pm$ 75.495 χ^2 /NDF: 7.3/17

32.778 $\pm$ 51.261 χ^2 /NDF: 14.1/37

3.448 $\pm$ 69.825 χ^2 /NDF: 6.4/19

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

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

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

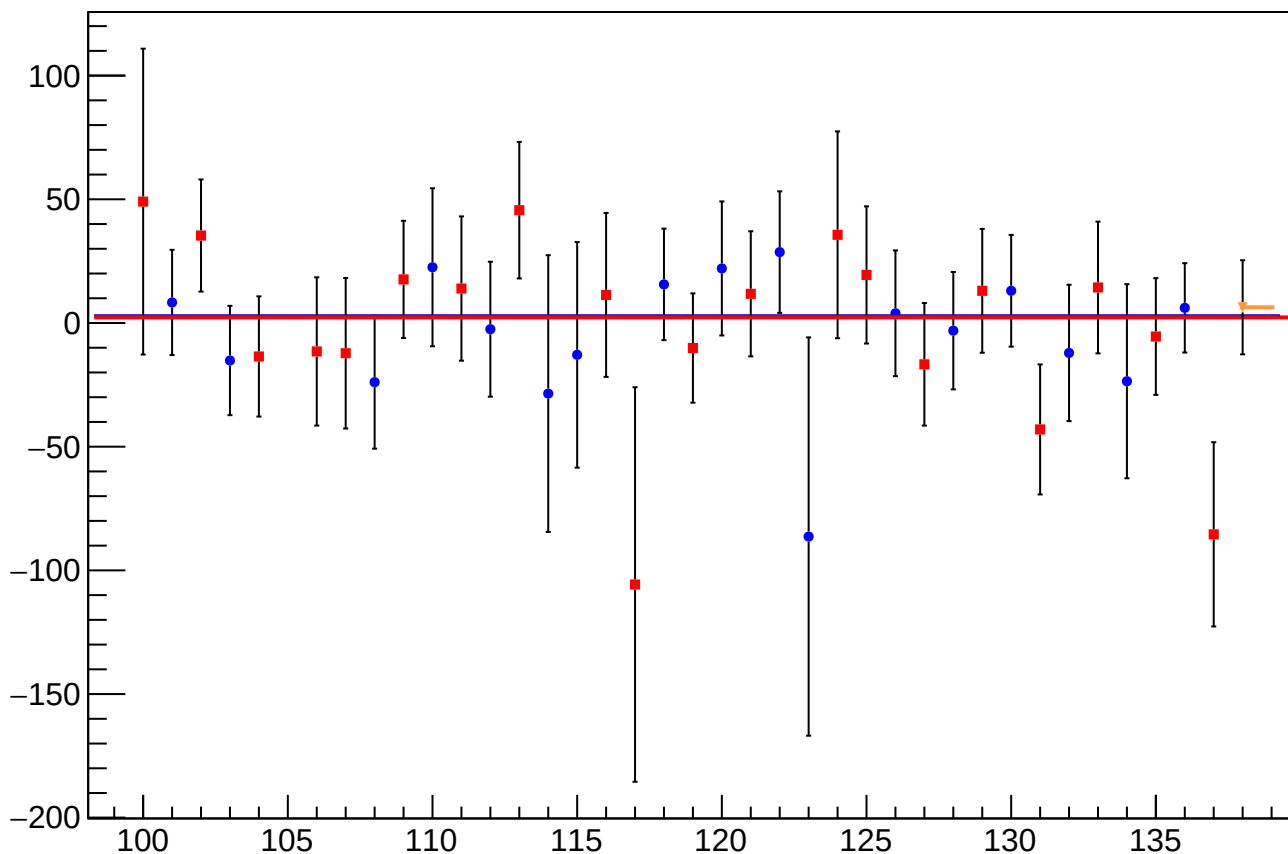
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

182.958+/-0.036 χ^2/NDF : 2712311.8/37

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

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.733 $\pm$ 6.424 χ^2 /NDF: 6.8/16

Left Out: 6.348 $\pm$ 19.018 χ^2 /NDF:0.0/0

Right Out: 2.259 $\pm$ 6.259 χ^2 /NDF: 19.6/19

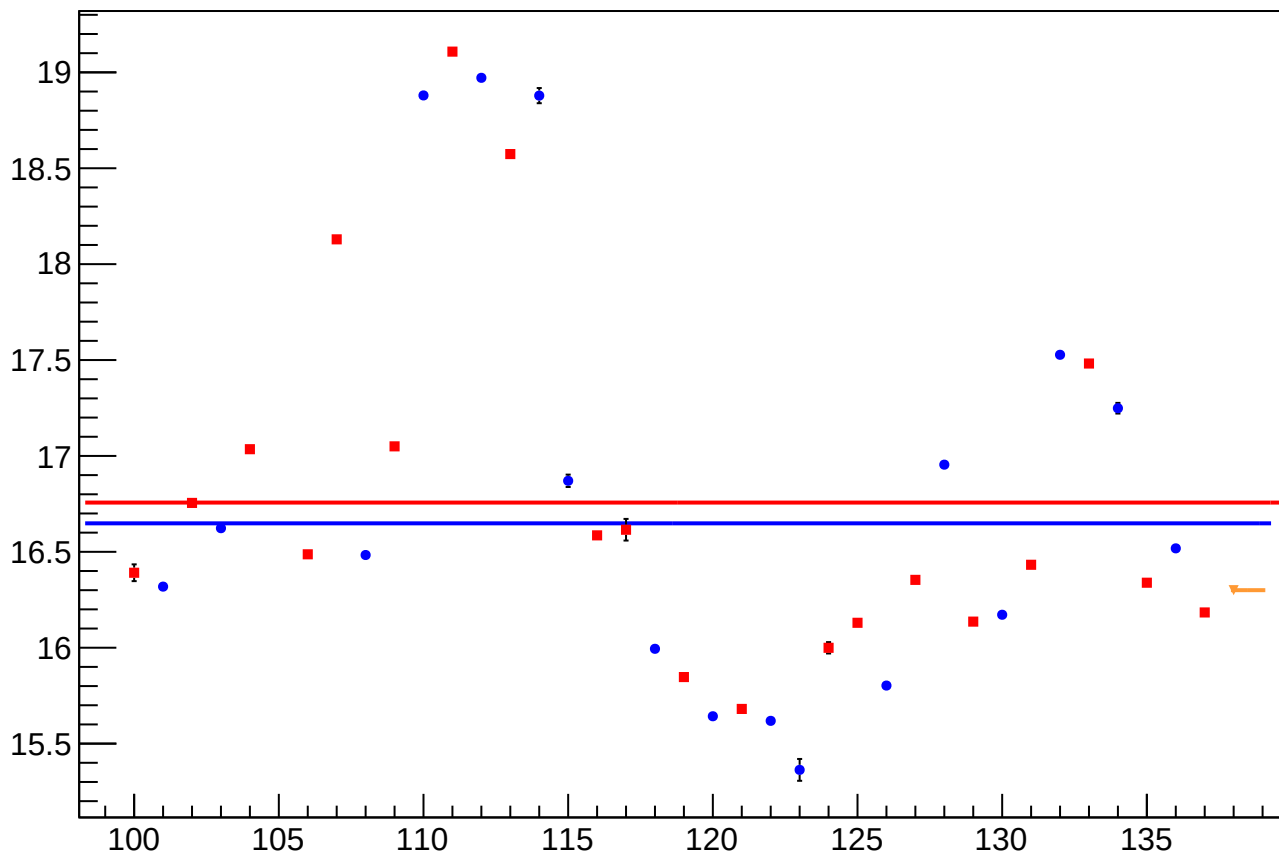
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3.104 $\pm$ 6.086 χ^2 /NDF: 6.8/17

2.693 $\pm$ 4.364 χ^2 /NDF: 26.4/37

2.259 $\pm$ 6.259 χ^2 /NDF: 19.6/19

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.649 $\pm$ 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

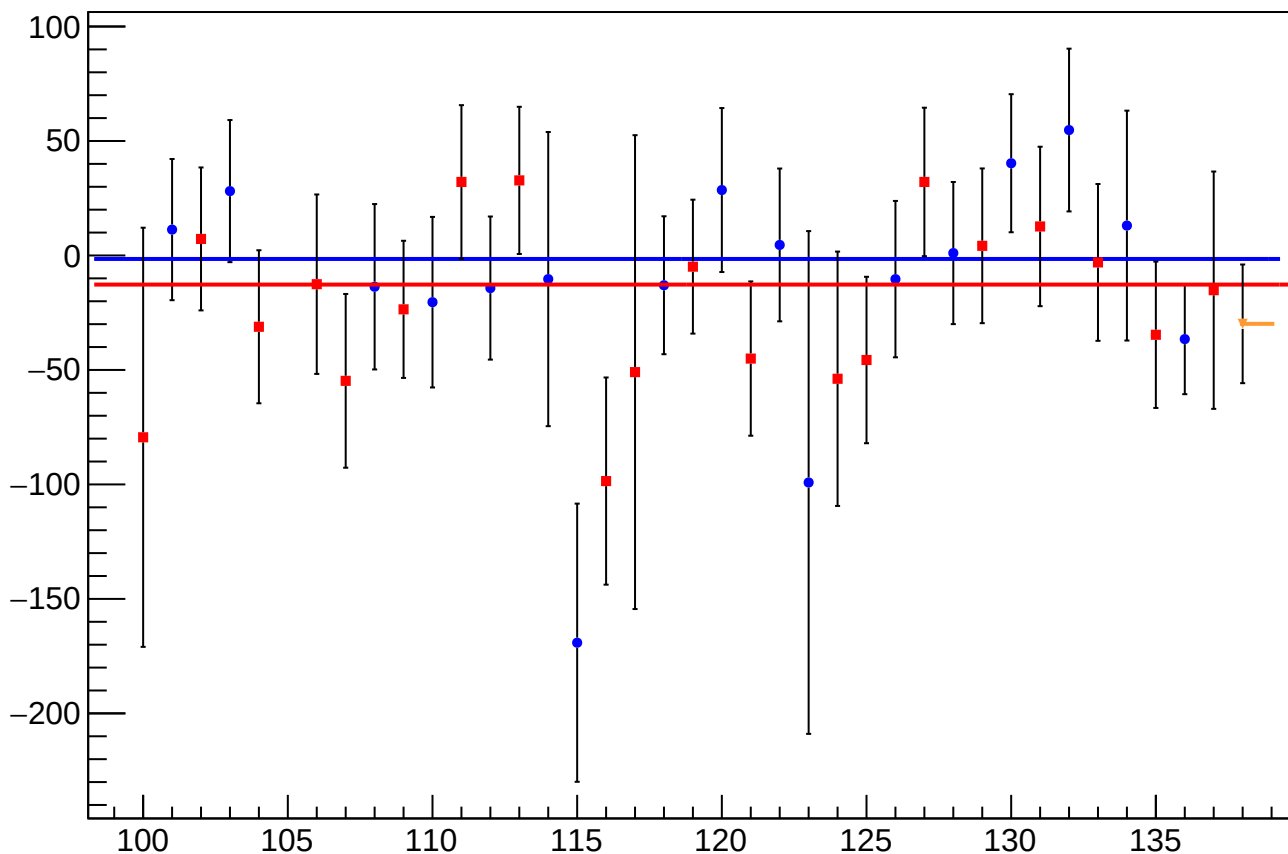
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.613 $\pm$ 0.004 χ^2 /NDF: 43169.7/17

16.683 $\pm$ 0.003 χ^2 /NDF: 83670.7/37

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

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.523 ± 8.485 $\chi^2/\text{NDF}: 17.6/16$

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

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

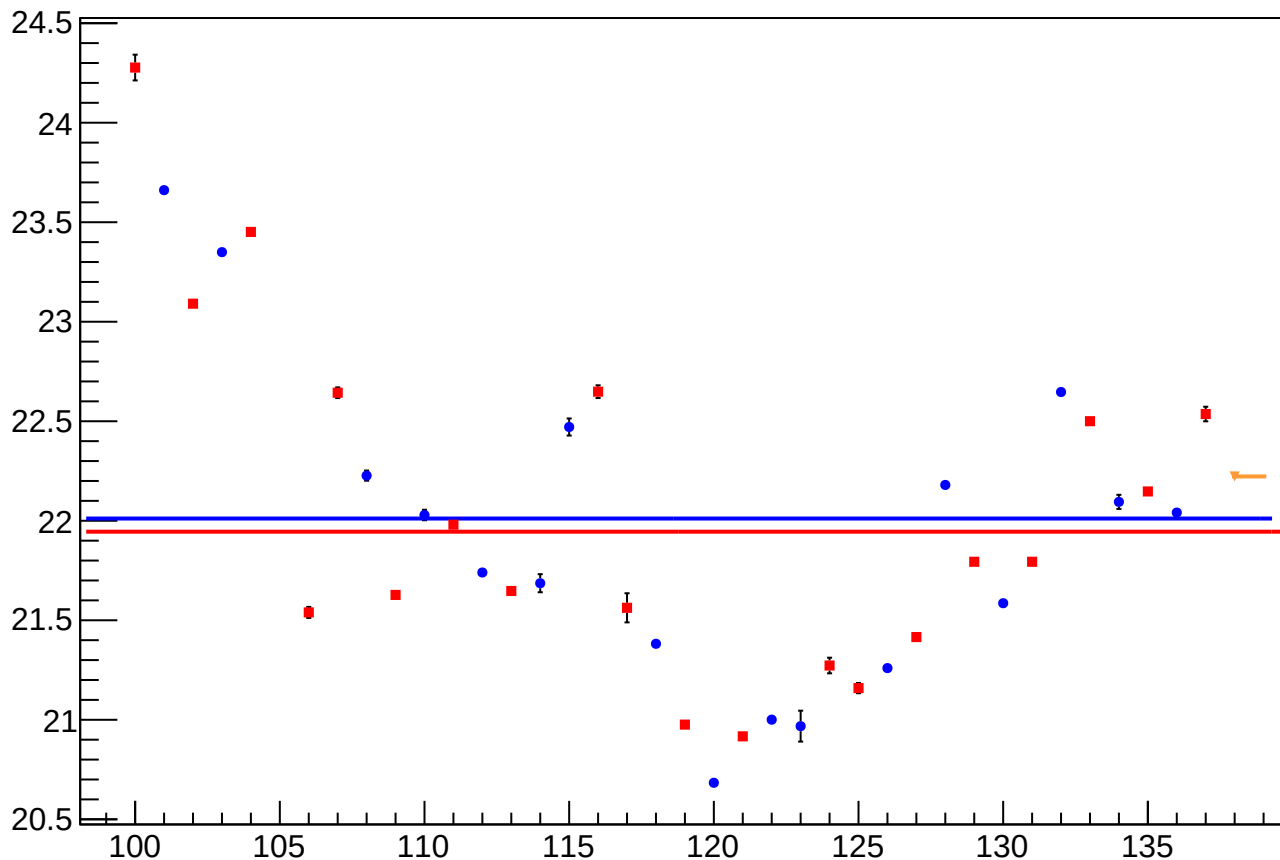
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-8.428 ± 5.744 $\chi^2/\text{NDF}: 35.0/37$

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

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.011 $\pm$ 0.006 χ^2 /NDF: 17546.9/16

Left Out: 22.223 $\pm$ 0.018 χ^2 /NDF: 0.0/0

Right Out: 21.945 $\pm$ 0.006 χ^2 /NDF: 16620.2/19

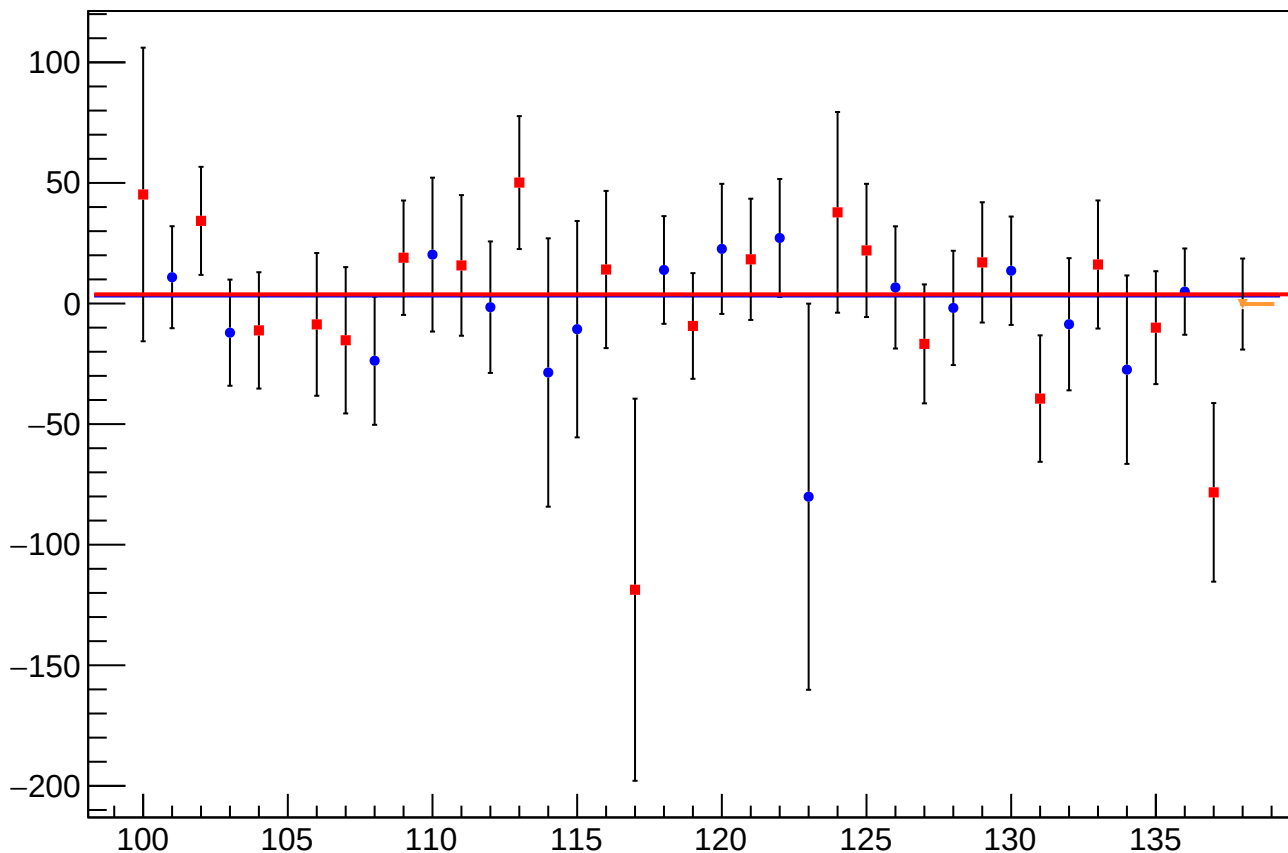
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.032 $\pm$ 0.006 χ^2 /NDF: 17667.2/17

21.989 $\pm$ 0.004 χ^2 /NDF: 34401.0/37

21.945 $\pm$ 0.006 χ^2 /NDF: 16620.2/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.317 $\pm$ 6.388 χ^2 /NDF: 6.3/16

Left Out: -0.219 $\pm$ 18.874 χ^2 /NDF: 0.0/0

Right Out: 3.800 $\pm$ 6.224 χ^2 /NDF: 20.1/19

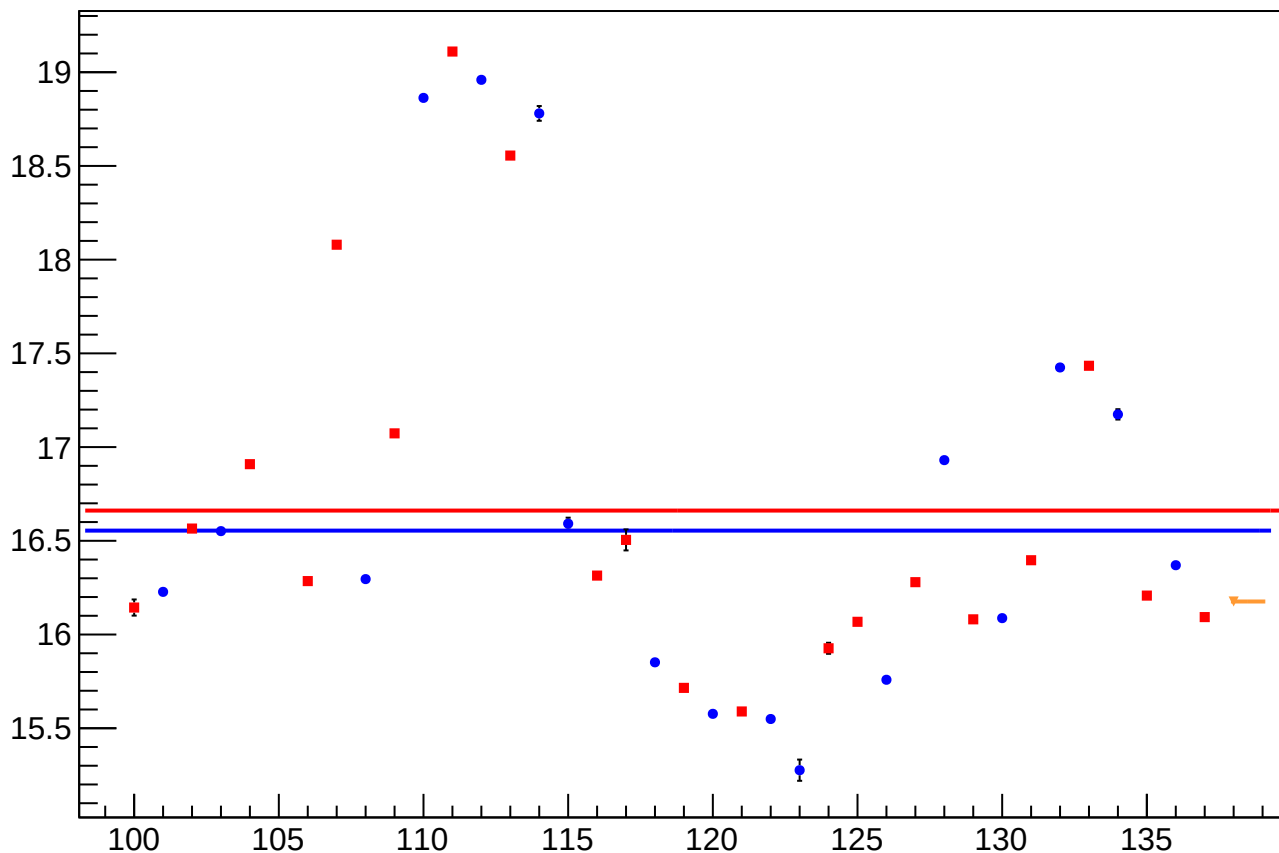
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.953 $\pm$ 6.051 χ^2 /NDF: 6.3/17

3.365 $\pm$ 4.339 χ^2 /NDF: 26.4/37

3.800 $\pm$ 6.224 χ^2 /NDF: 20.1/19

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 16.176+/-0.013 χ^2/NDF : 0.0/0

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

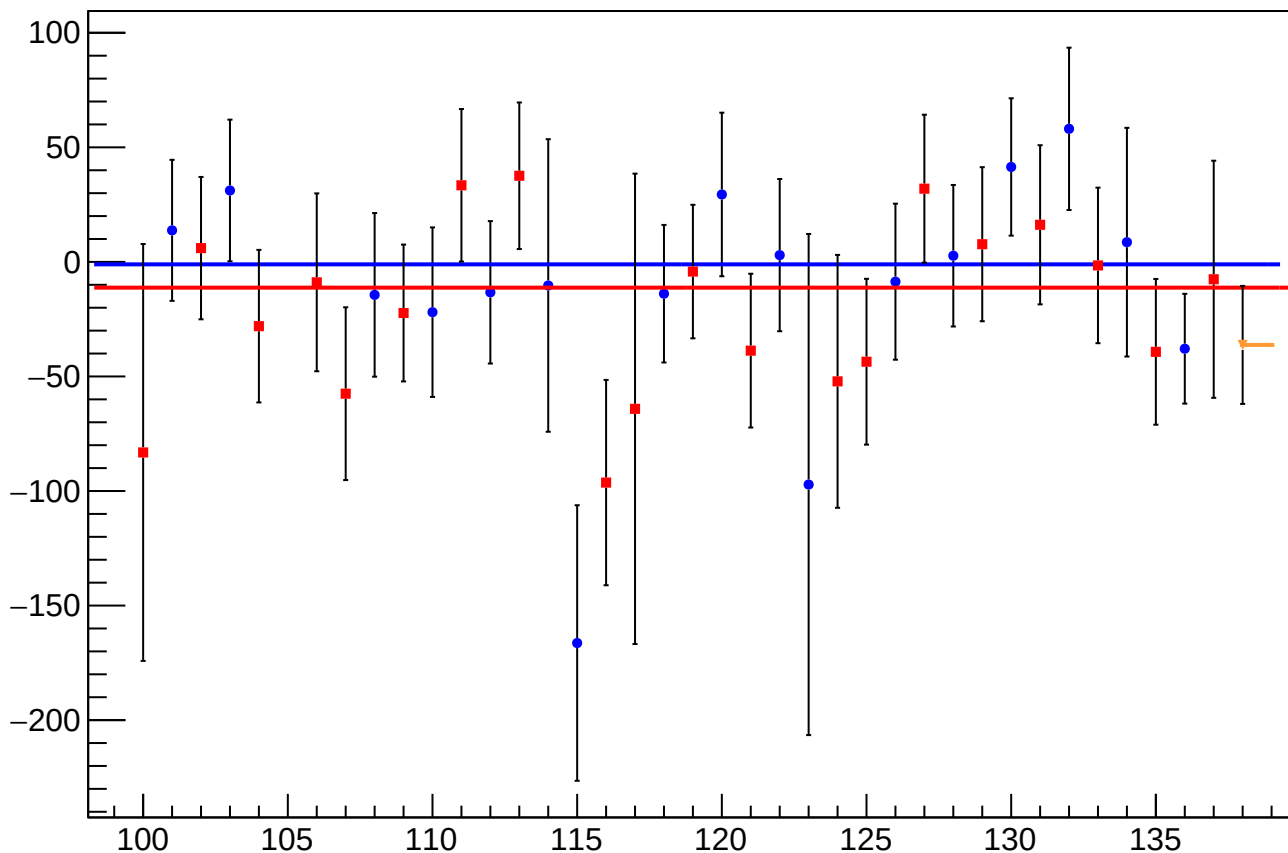
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.515+/-0.004 χ^2/NDF : 45195.6/17

16.586+/-0.003 χ^2/NDF : 88831.5/37

16.661+/-0.004 χ^2/NDF : 43071.4/19

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.068 ± 8.444 $\chi^2/\text{NDF}: 18.5/16$

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

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

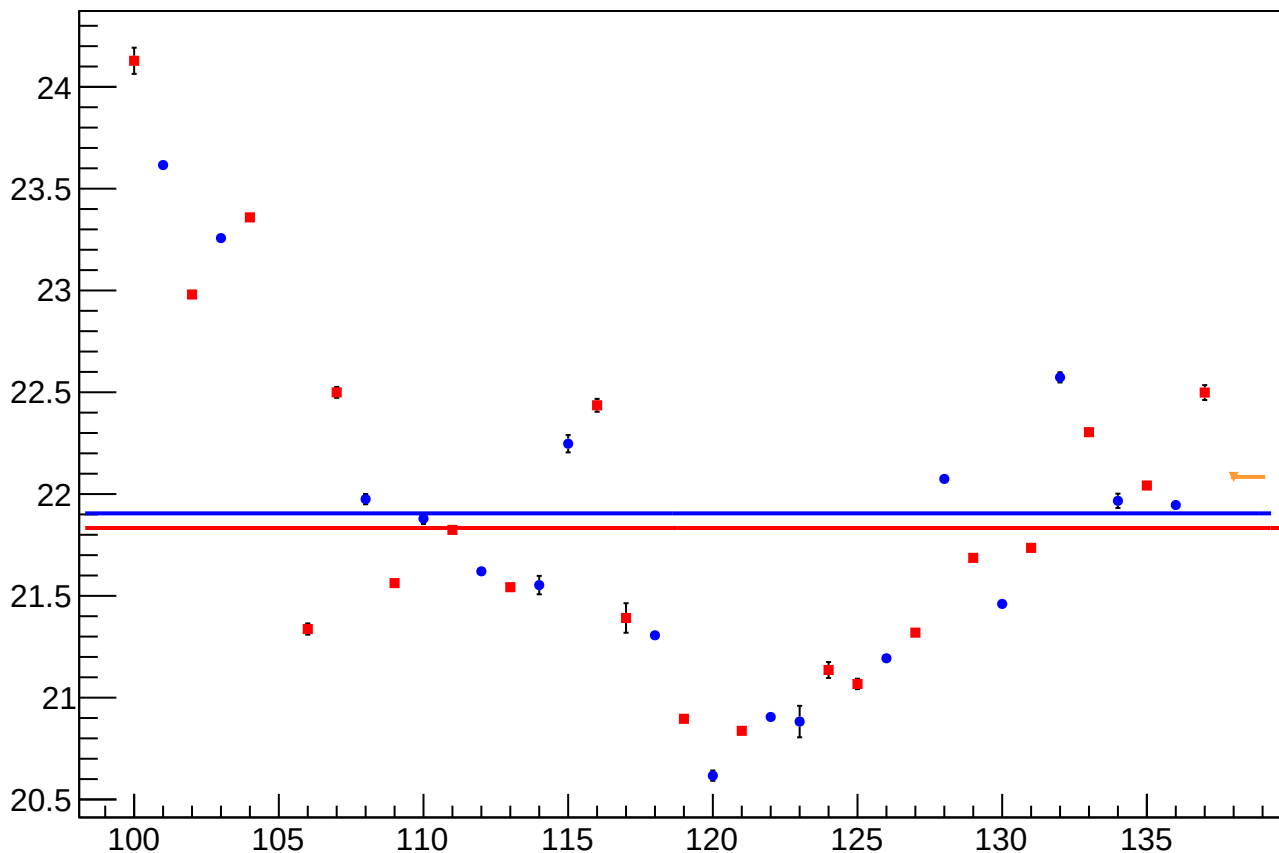
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

-7.809 ± 5.715 $\chi^2/\text{NDF}: 37.0/37$

-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, Sign Corrected



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

Left Out: 22.084 $\pm$ 0.018 χ^2 /NDF: 0.0/0

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

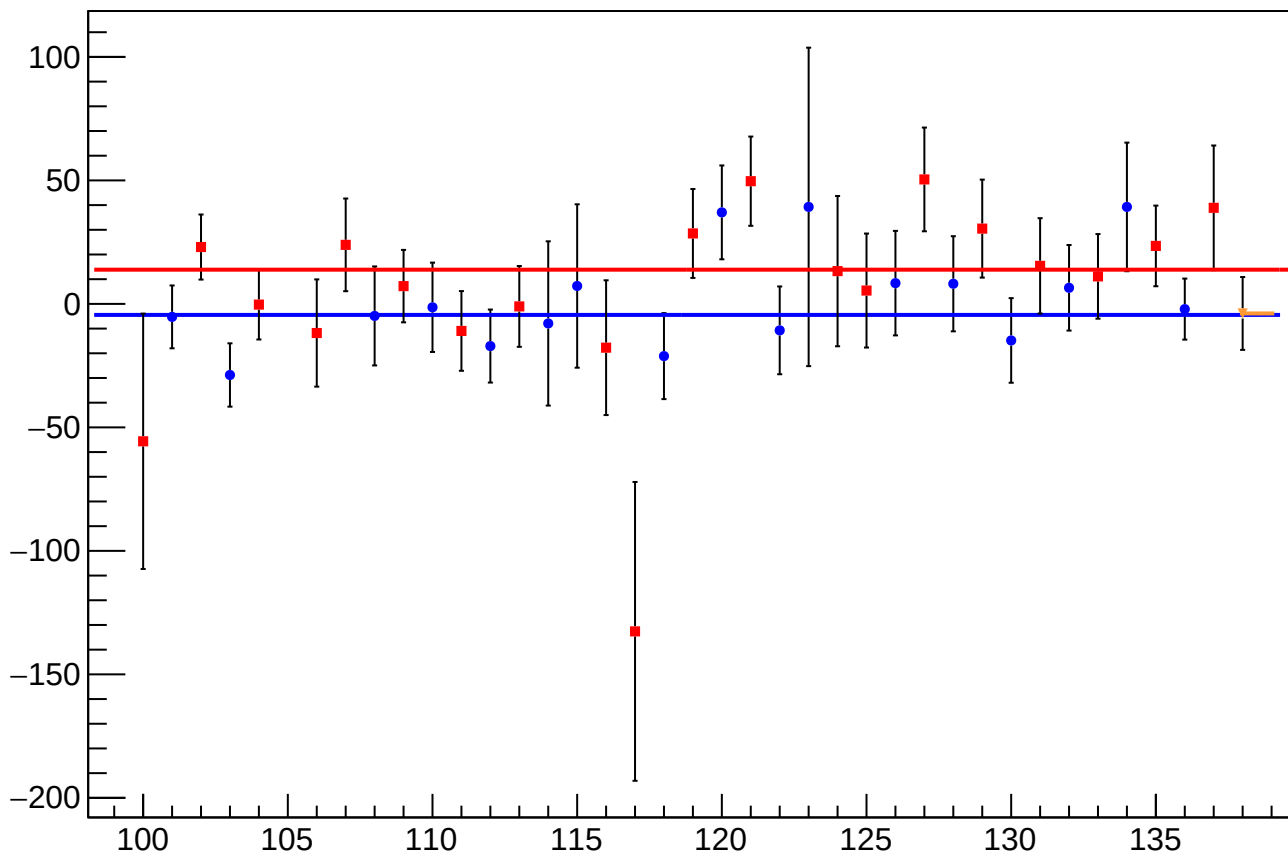
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

21.923 $\pm$ 0.006 χ^2 /NDF: 17881.4/17

21.879 $\pm$ 0.004 χ^2 /NDF: 34291.5/37

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

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.461 ± 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

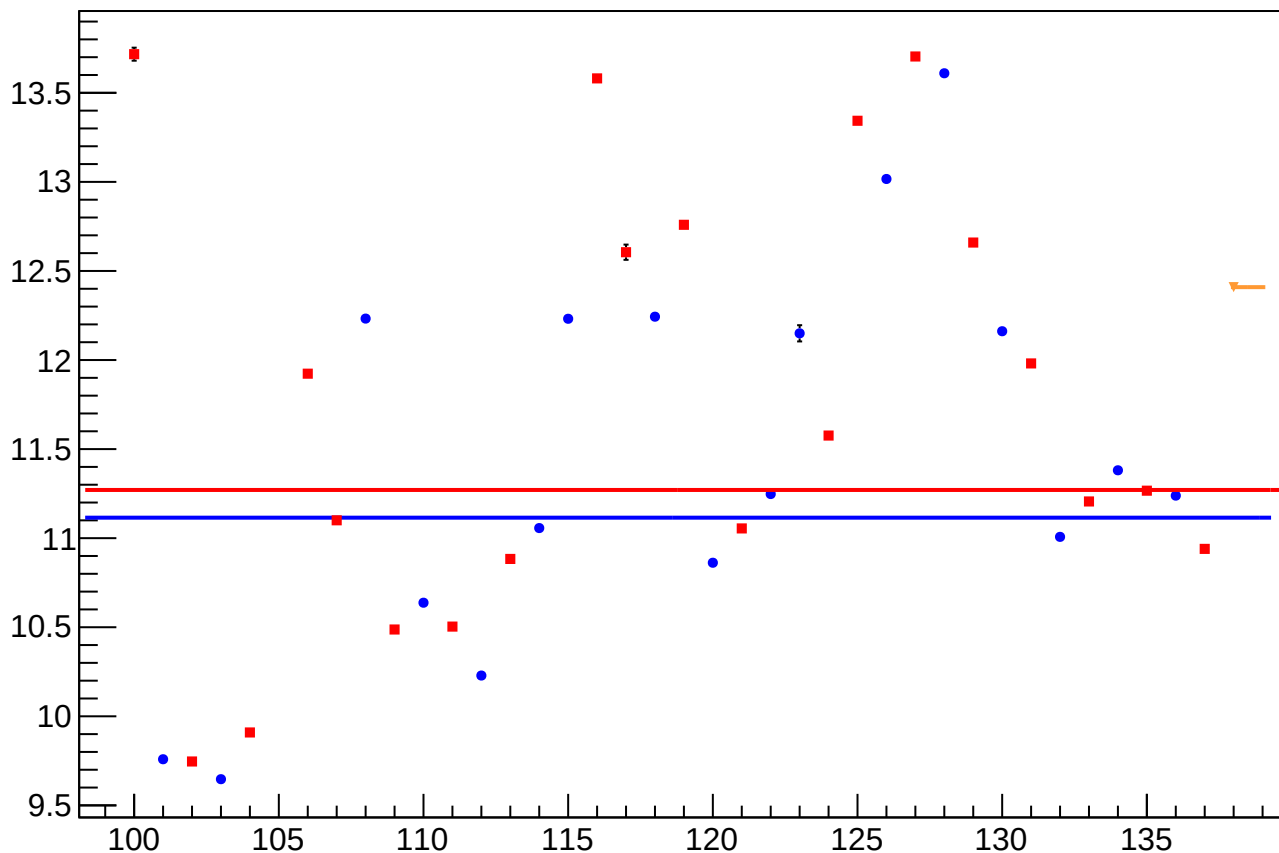
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-4.414 ± 4.153 χ^2/NDF : 15.2/17

4.502 ± 2.972 χ^2/NDF : 50.0/37

13.851 ± 4.253 χ^2/NDF : 25.4/19

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 12.409+/-0.010 χ^2/NDF : 0.0/0

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

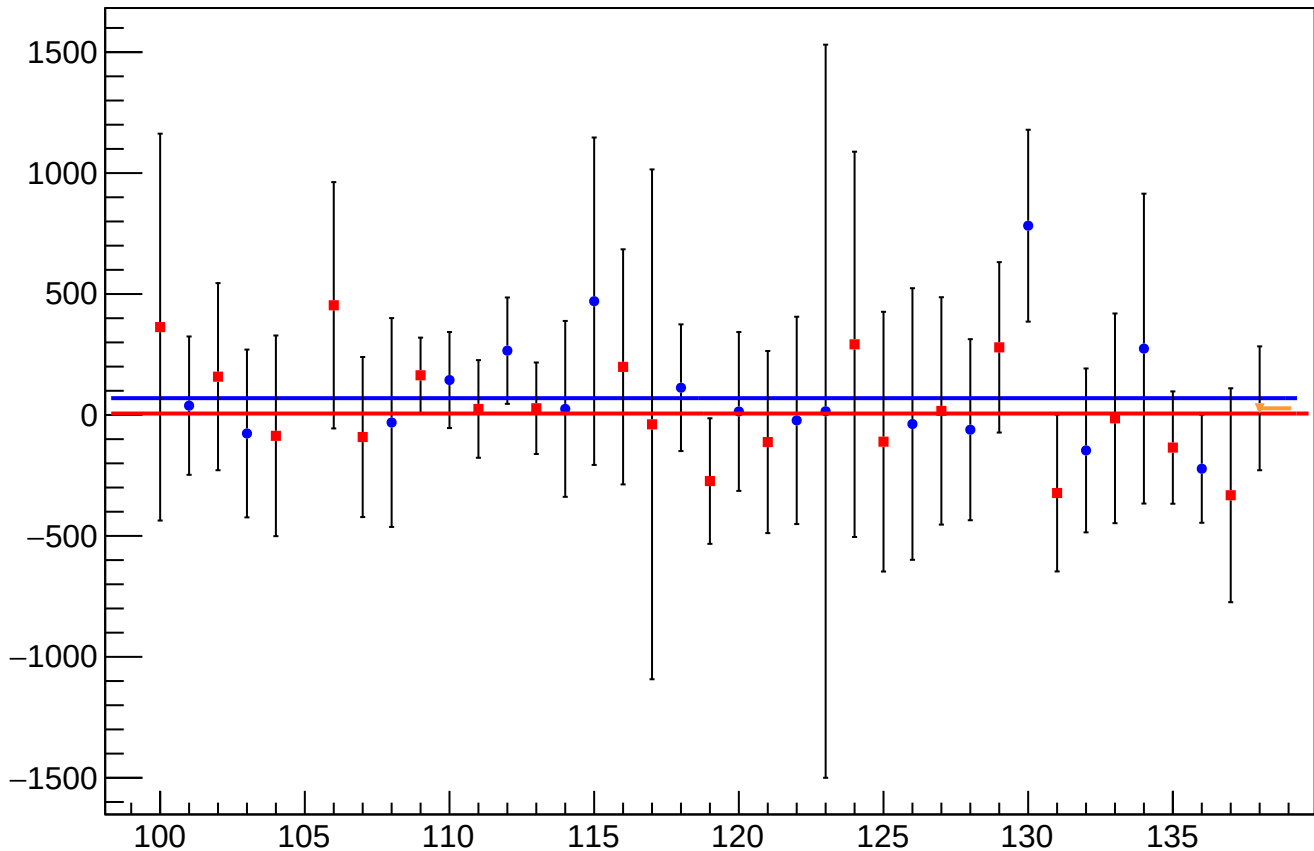
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.218+/-0.003 χ^2/NDF : 147235.2/17

11.244+/-0.002 χ^2/NDF : 295855.2/37

11.271+/-0.003 χ^2/NDF : 148461.6/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 27.590+/-256.065 χ^2/NDF : 0.0/0

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

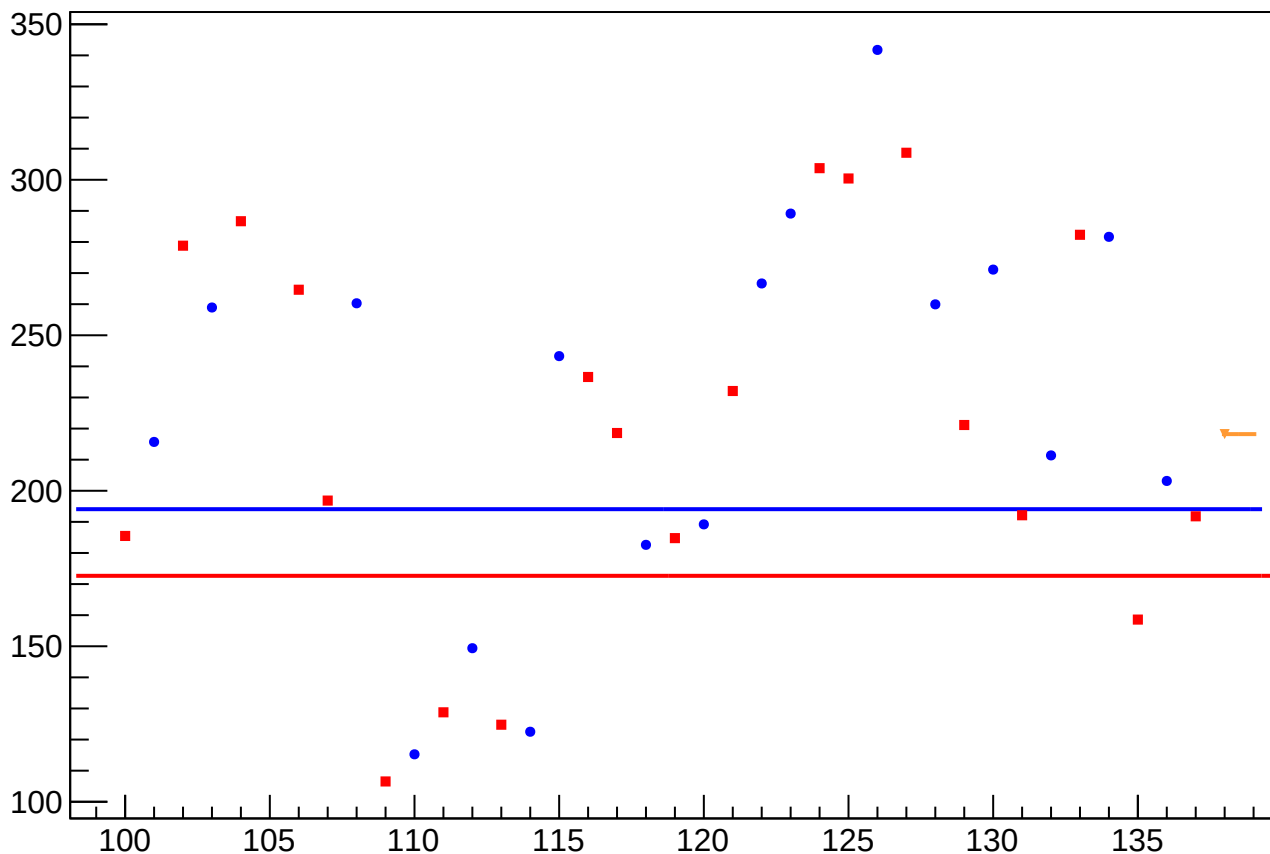
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.811+/-75.691 χ^2/NDF : 7.3/17

33.582+/-51.403 χ^2/NDF : 14.1/37

5.996+/-70.027 χ^2/NDF : 6.5/19

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.082+/-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

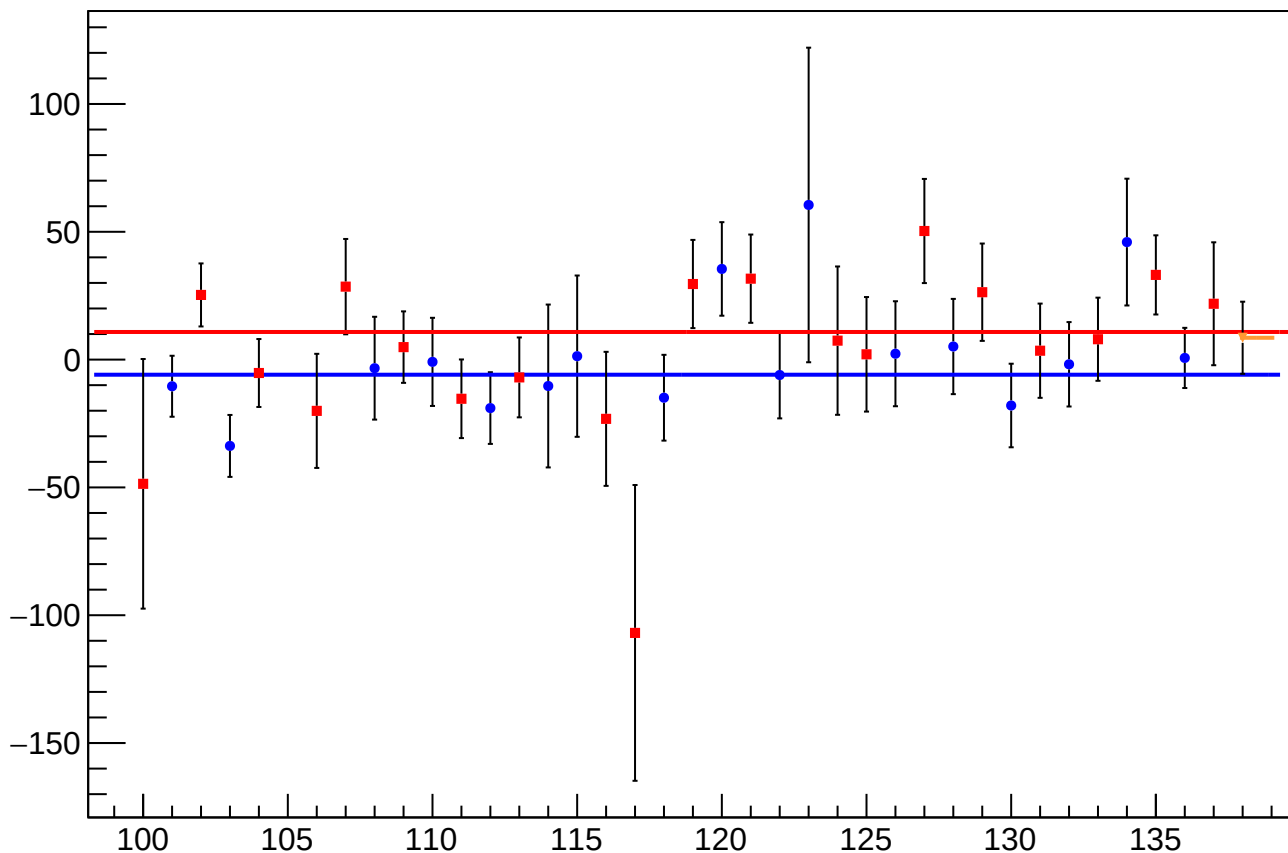
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

183.510+/-0.036 χ^2/NDF : 2699080.3/37

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

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 8.540+/-14.113 χ^2/NDF : 0.0/0

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

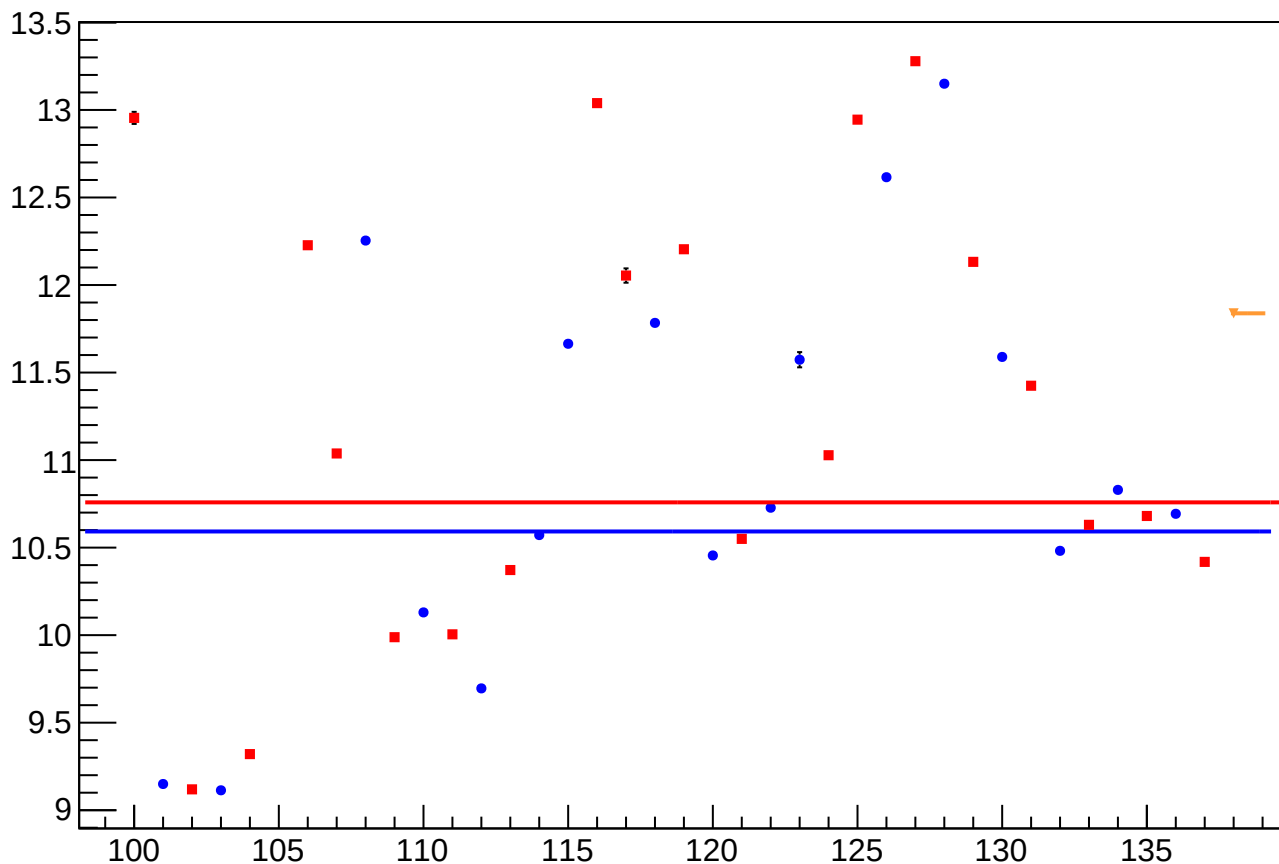
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.771+/-3.967 χ^2/NDF : 19.8/17

2.821+/-2.840 χ^2/NDF : 54.3/37

10.806+/-4.068 χ^2/NDF : 27.0/19

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 11.838 $\pm$ 0.010 χ^2 /NDF: 0.0/0

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

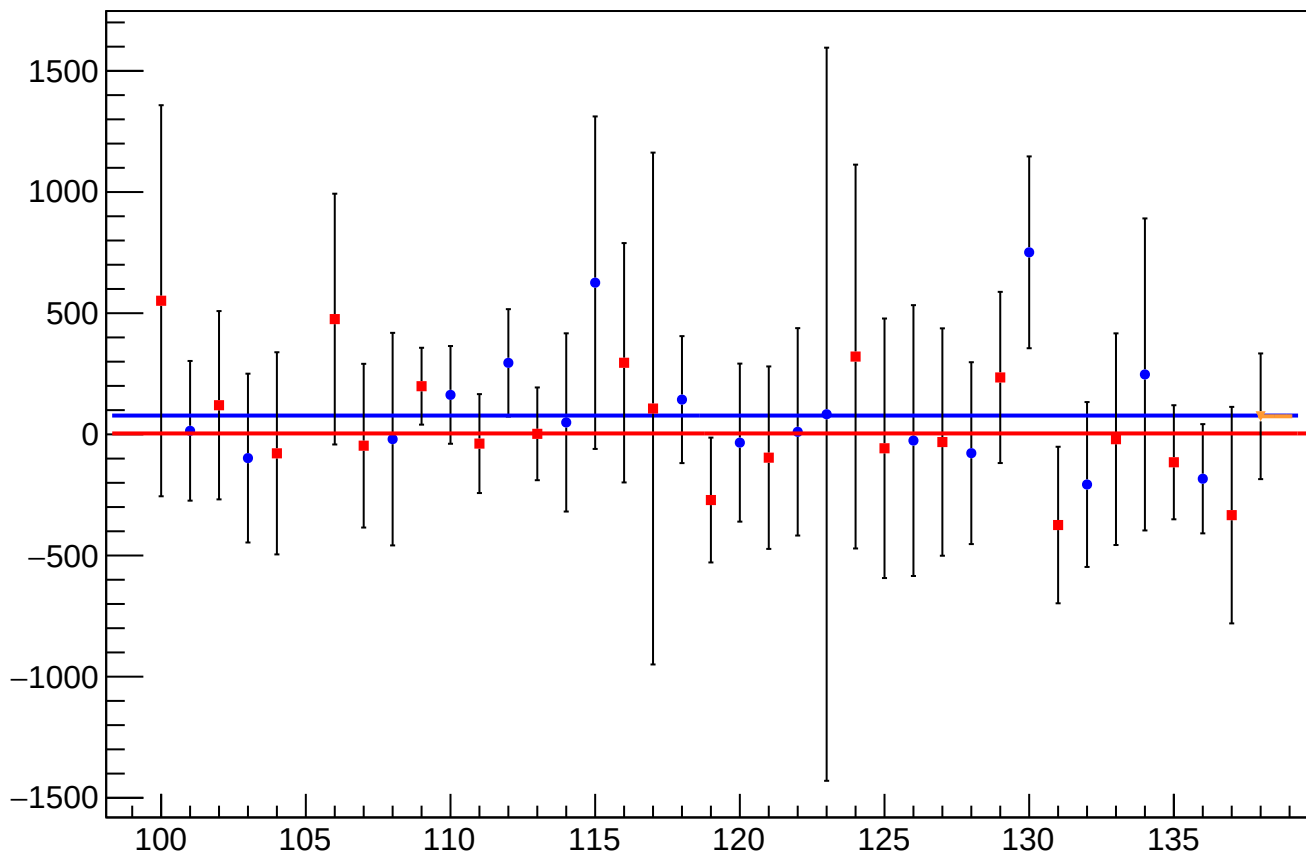
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.691 $\pm$ 0.003 χ^2 /NDF: 174758.2/17

10.724 $\pm$ 0.002 χ^2 /NDF: 352946.0/37

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

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 77.589 $\pm$ 79.751 χ^2 /NDF: 7.6/16

Left Out: 74.574 $\pm$ 259.348 χ^2 /NDF: 0.0/0

Right Out: 3.768 $\pm$ 70.696 χ^2 /NDF: 7.4/19

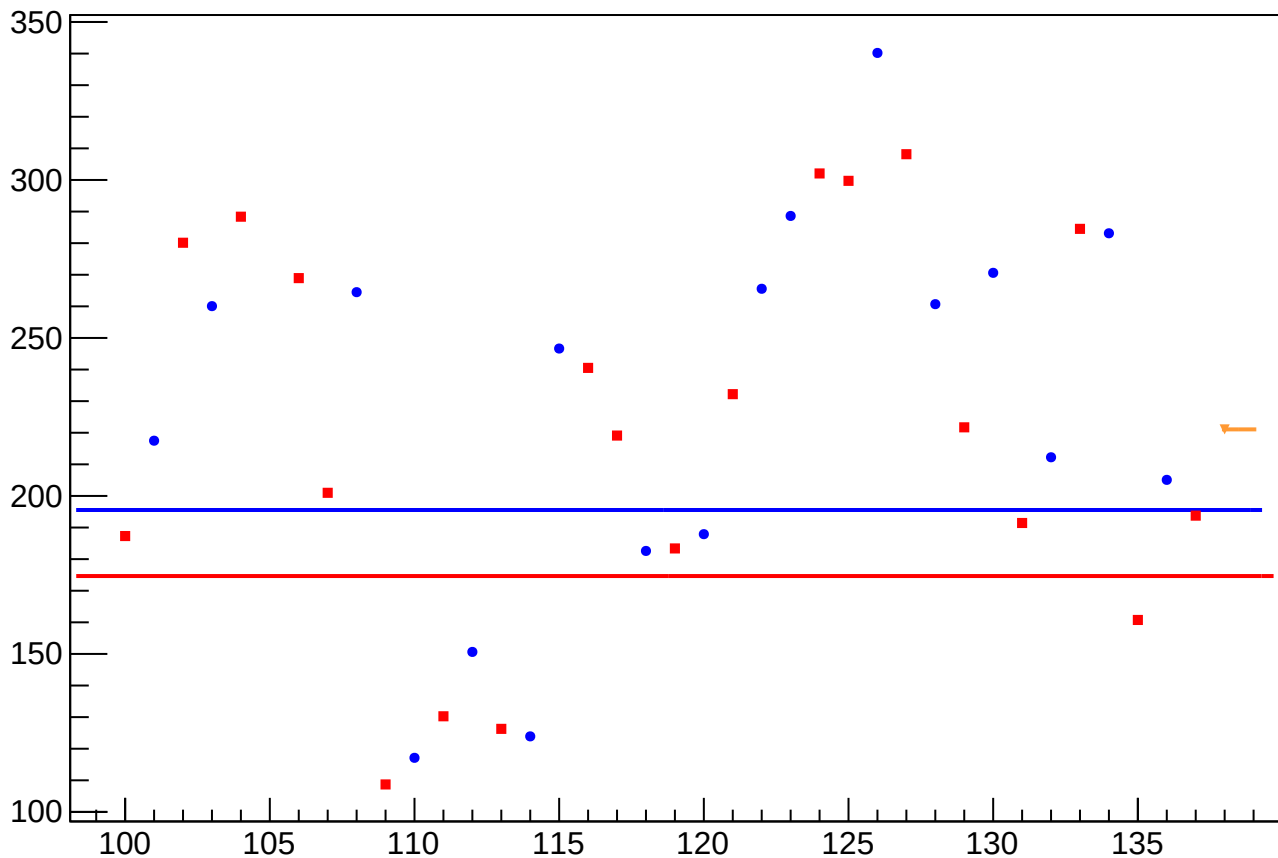
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

77.329 $\pm$ 76.228 χ^2 /NDF: 7.6/17

37.783 $\pm$ 51.835 χ^2 /NDF: 15.4/37

3.768 $\pm$ 70.696 χ^2 /NDF: 7.4/19

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 221.062+/-0.183 χ^2/NDF : 0.0/0

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

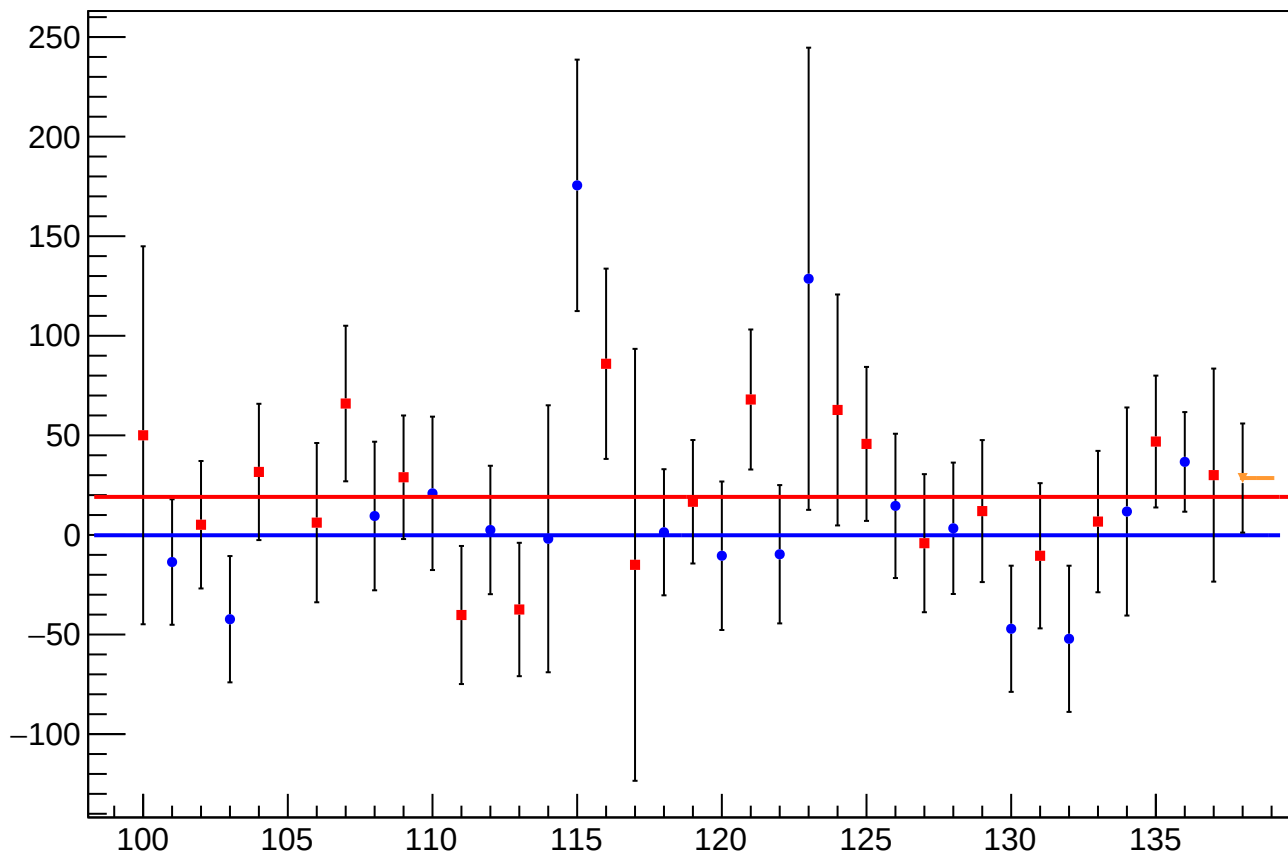
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.755+/-0.054 χ^2/NDF : 997617.4/17

185.333+/-0.037 χ^2/NDF : 2628592.3/37

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

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.158 ± 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 $\chi^2/\text{NDF}: 14.9/19$

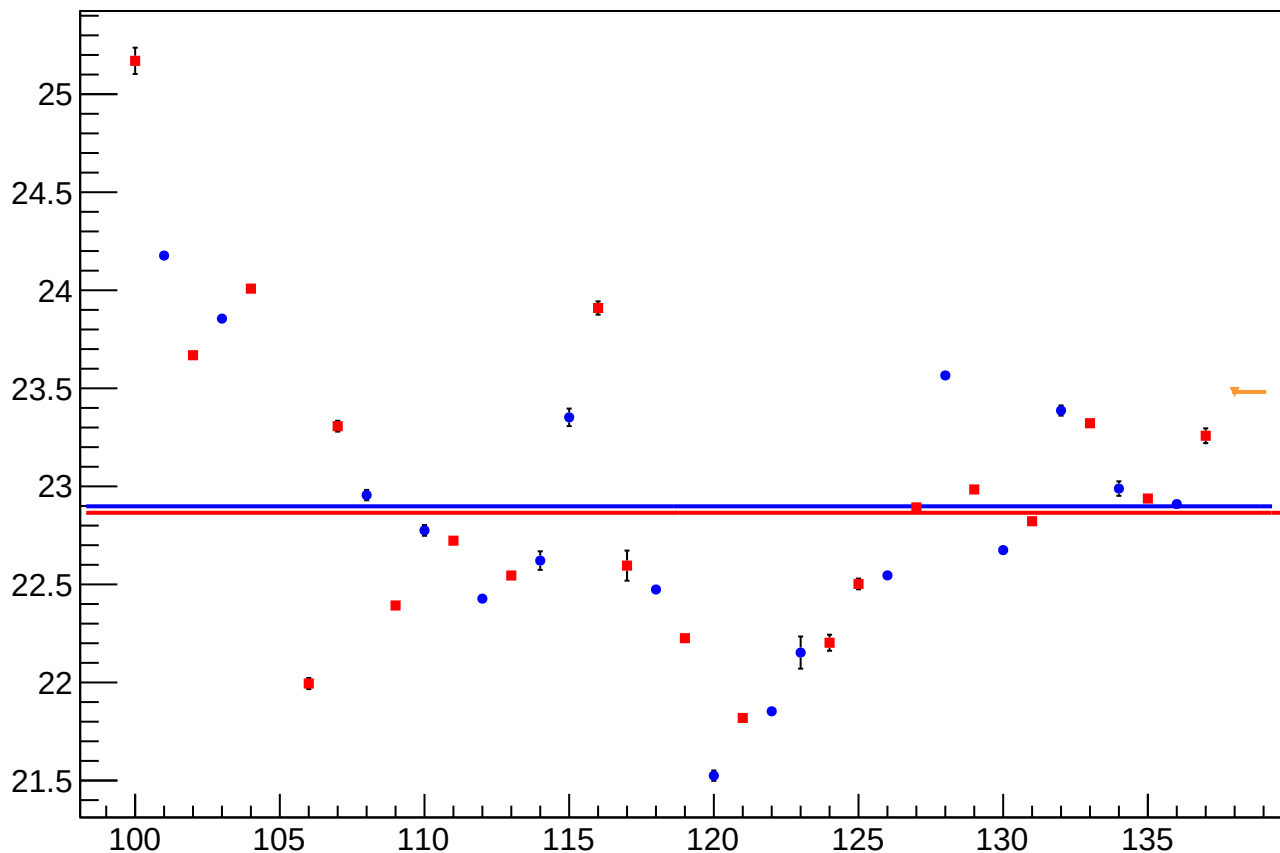
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

10.700 ± 5.984 $\chi^2/\text{NDF}: 35.9/37$

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

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.898 $\pm$ 0.006 χ^2 /NDF: 12143.3/16

Left Out: 23.481 $\pm$ 0.019 χ^2 /NDF: 0.0/0

Right Out: 22.865 $\pm$ 0.006 χ^2 /NDF: 11060.8/19

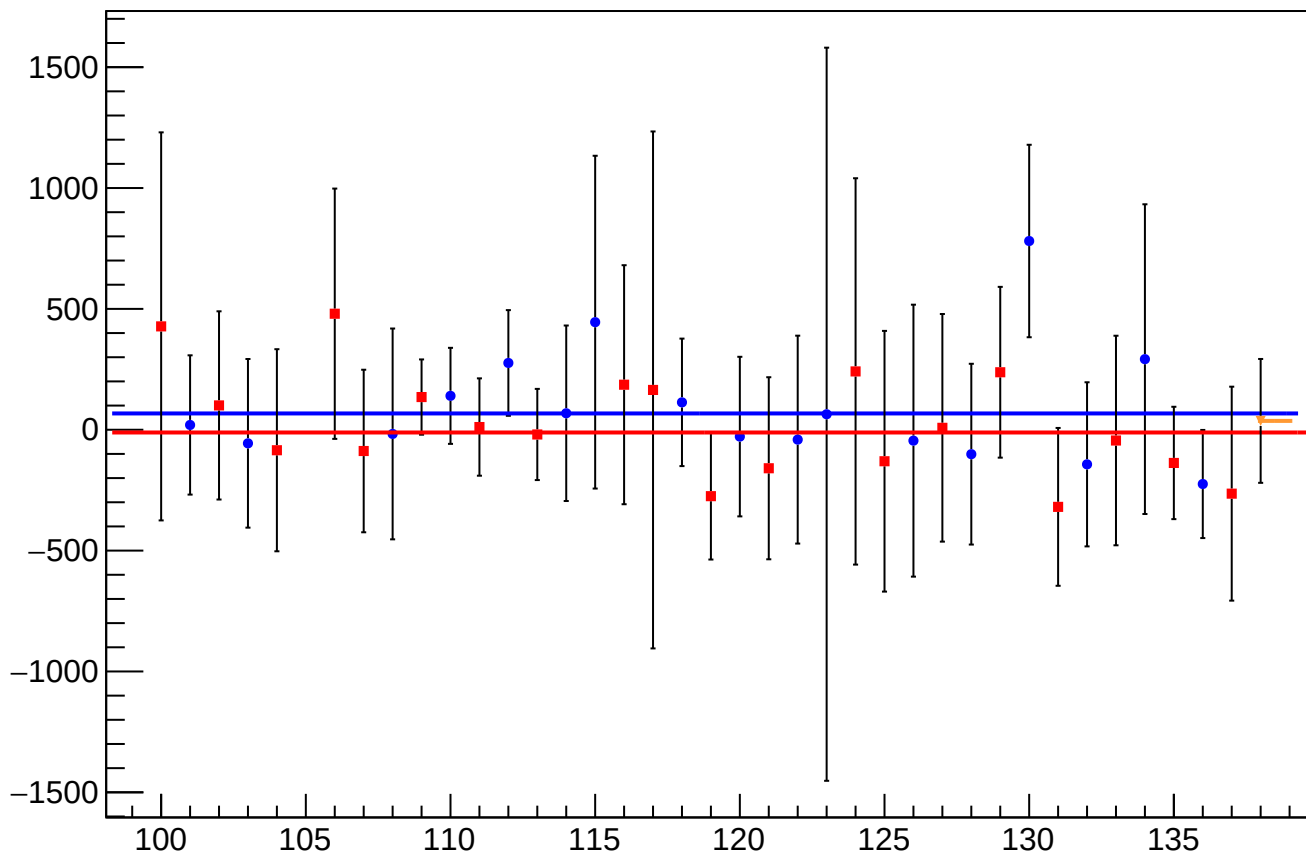
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

22.953 $\pm$ 0.006 χ^2 /NDF: 12964.4/17

22.910 $\pm$ 0.004 χ^2 /NDF: 24133.0/37

22.865 $\pm$ 0.006 χ^2 /NDF: 11060.8/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.449 $\pm$ 79.404 χ^2 /NDF: 7.4/16

Left Out: 36.600 $\pm$ 256.208 χ^2 /NDF: 0.0/0

Right Out: -11.355 $\pm$ 70.203 χ^2 /NDF: 5.8/19

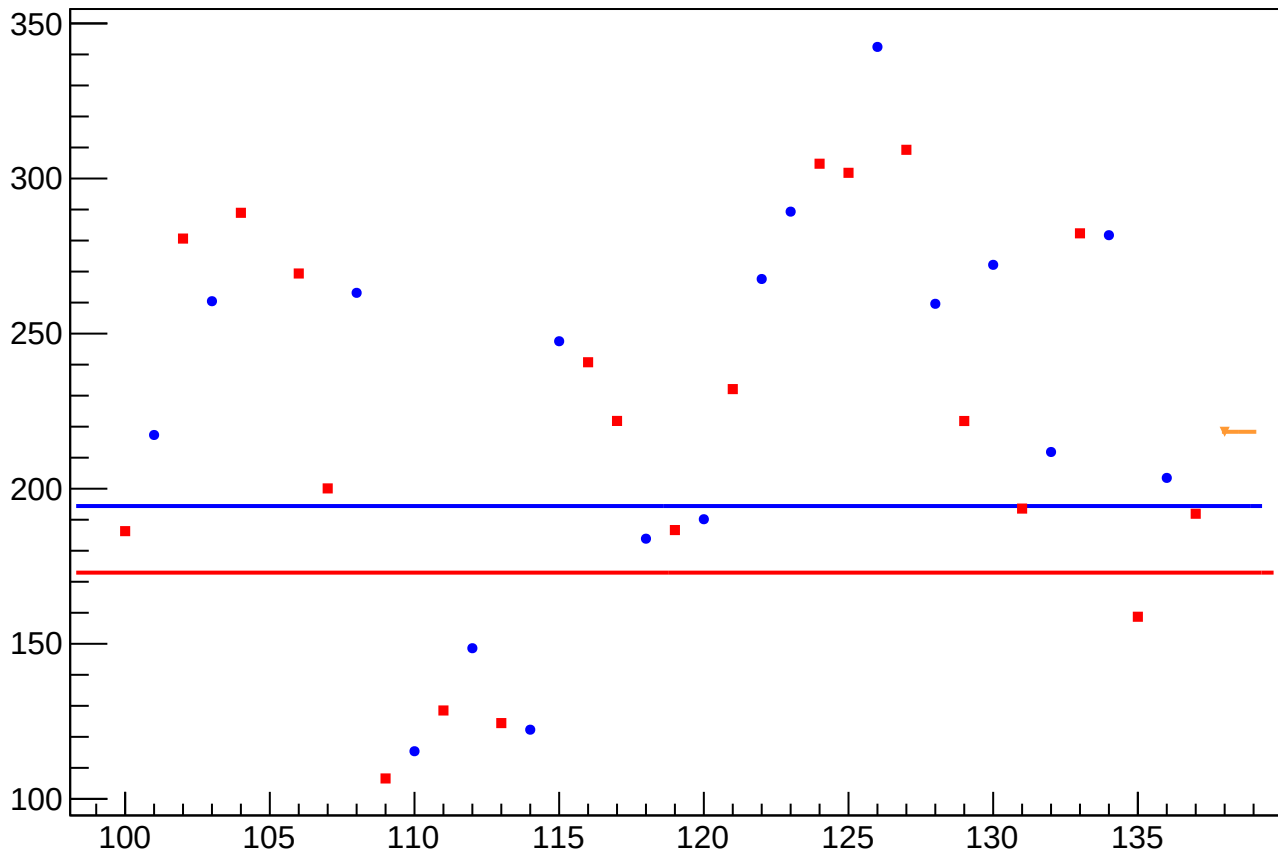
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

64.745 $\pm$ 75.845 χ^2 /NDF: 7.4/17

23.759 $\pm$ 51.520 χ^2 /NDF: 13.7/37

-11.355 $\pm$ 70.203 χ^2 /NDF: 5.8/19

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 218.347+/-0.181 χ^2/NDF : 0.0/0

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

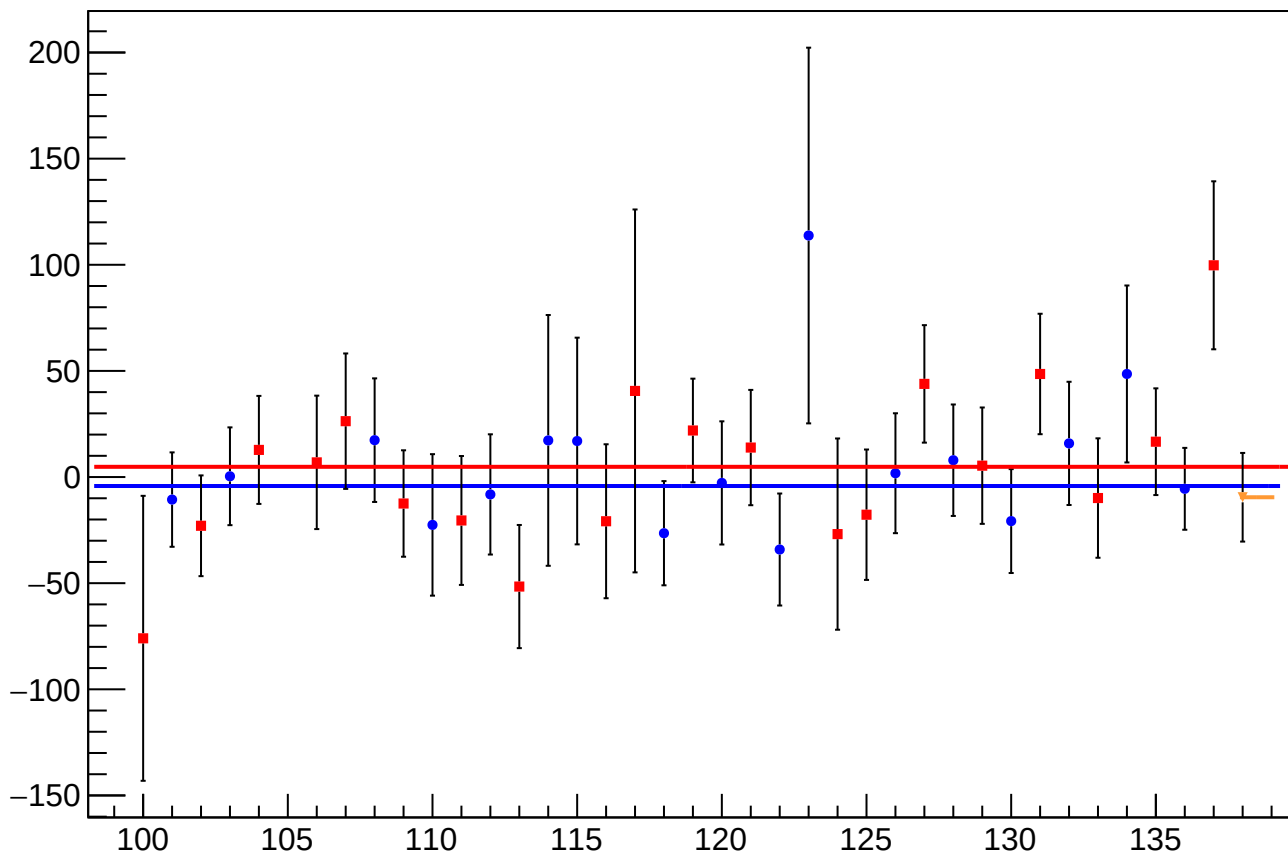
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

183.816+/-0.036 χ^2/NDF : 2740791.2/37

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -9.522+/-20.883 χ^2/NDF : 0.0/0

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

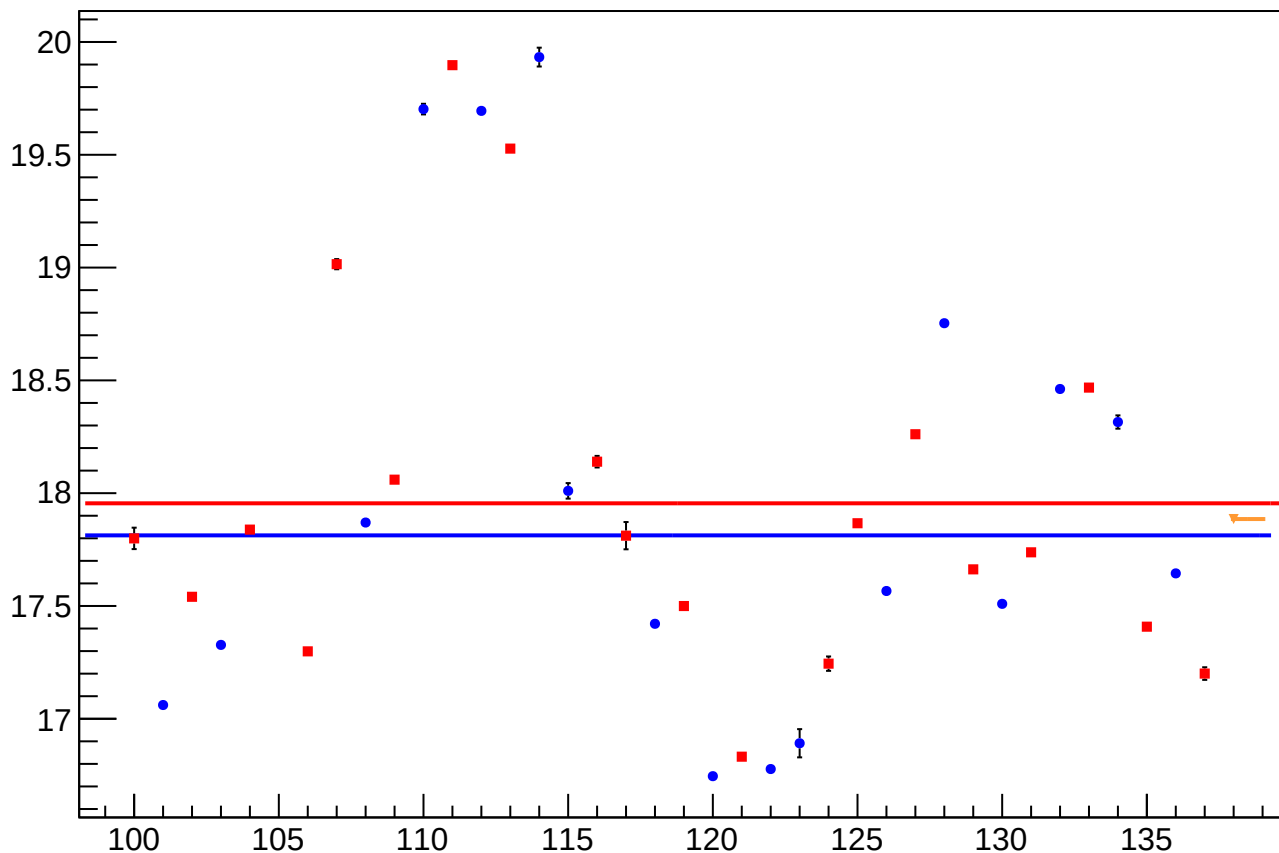
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.741+/-6.527 χ^2/NDF : 8.1/17

-0.088+/-4.677 χ^2/NDF : 30.4/37

4.820+/-6.704 χ^2/NDF : 21.3/19

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 17.885 ± 0.015 χ^2/NDF : 0.0/0

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

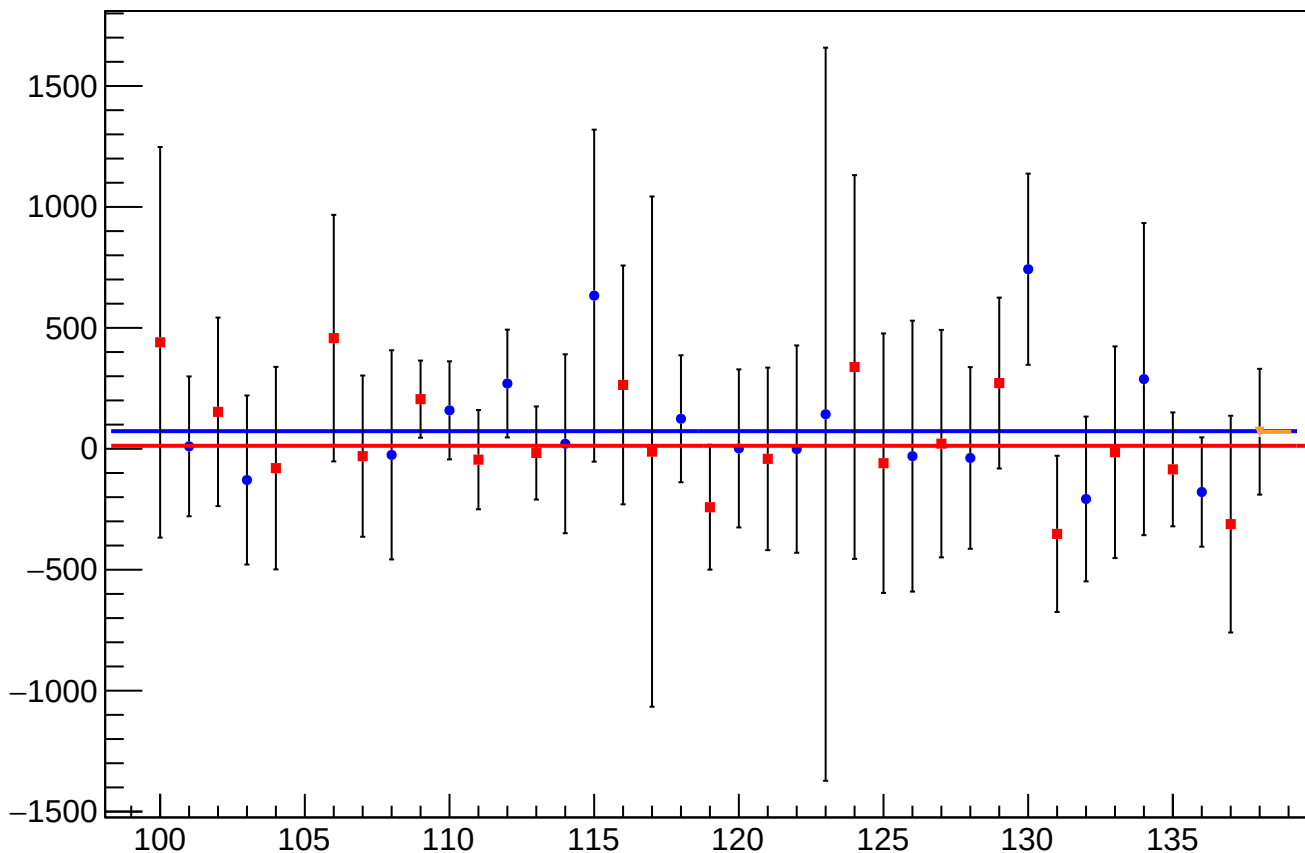
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.820 ± 0.005 χ^2/NDF : 32056.4/17

17.886 ± 0.003 χ^2/NDF : 57923.8/37

17.955 ± 0.005 χ^2/NDF : 25451.0/19

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 70.524+/-260.039 χ^2/NDF : 0.0/0

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

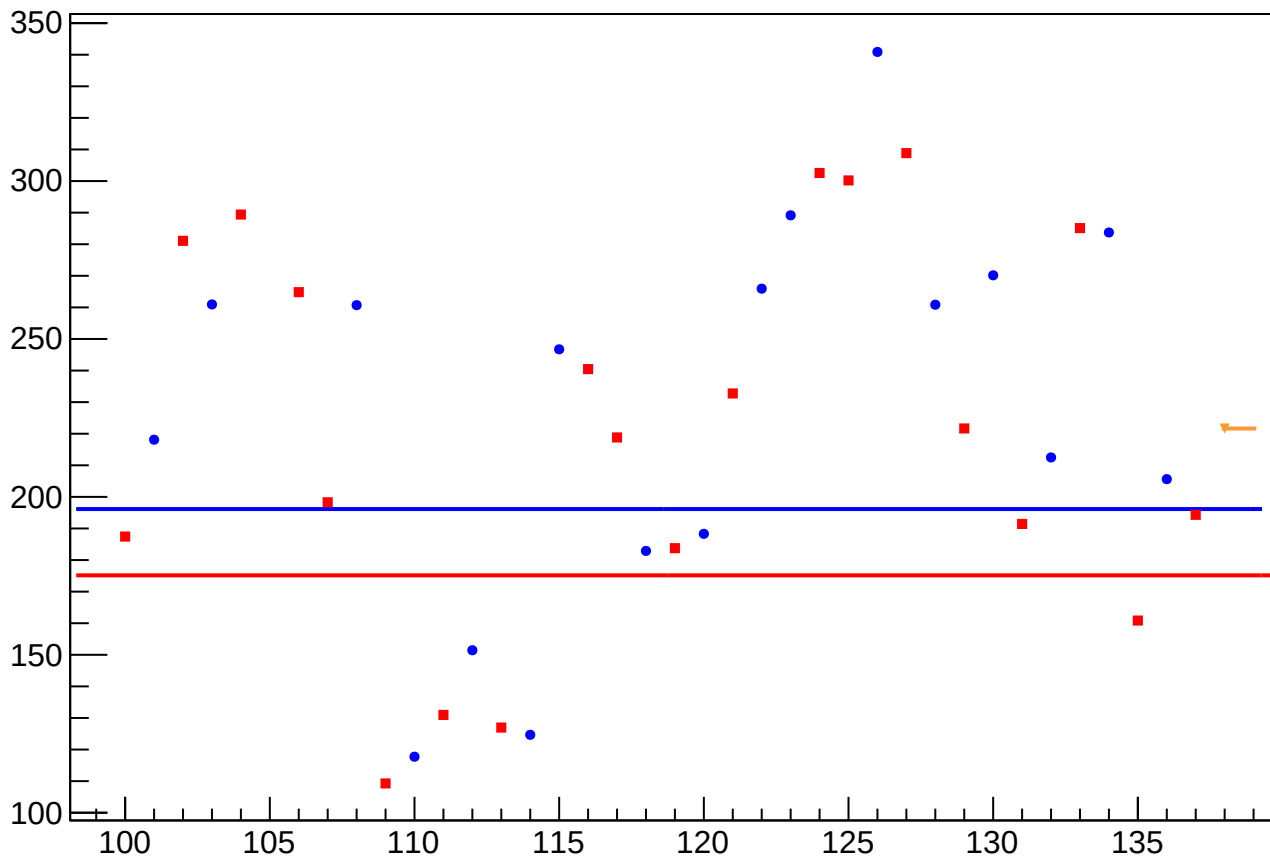
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.684+/-76.418 χ^2/NDF : 7.2/17

40.297+/-51.957 χ^2/NDF : 14.3/37

12.456+/-70.853 χ^2/NDF : 6.7/19

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 221.647+/-0.184 χ^2/NDF : 0.0/0

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

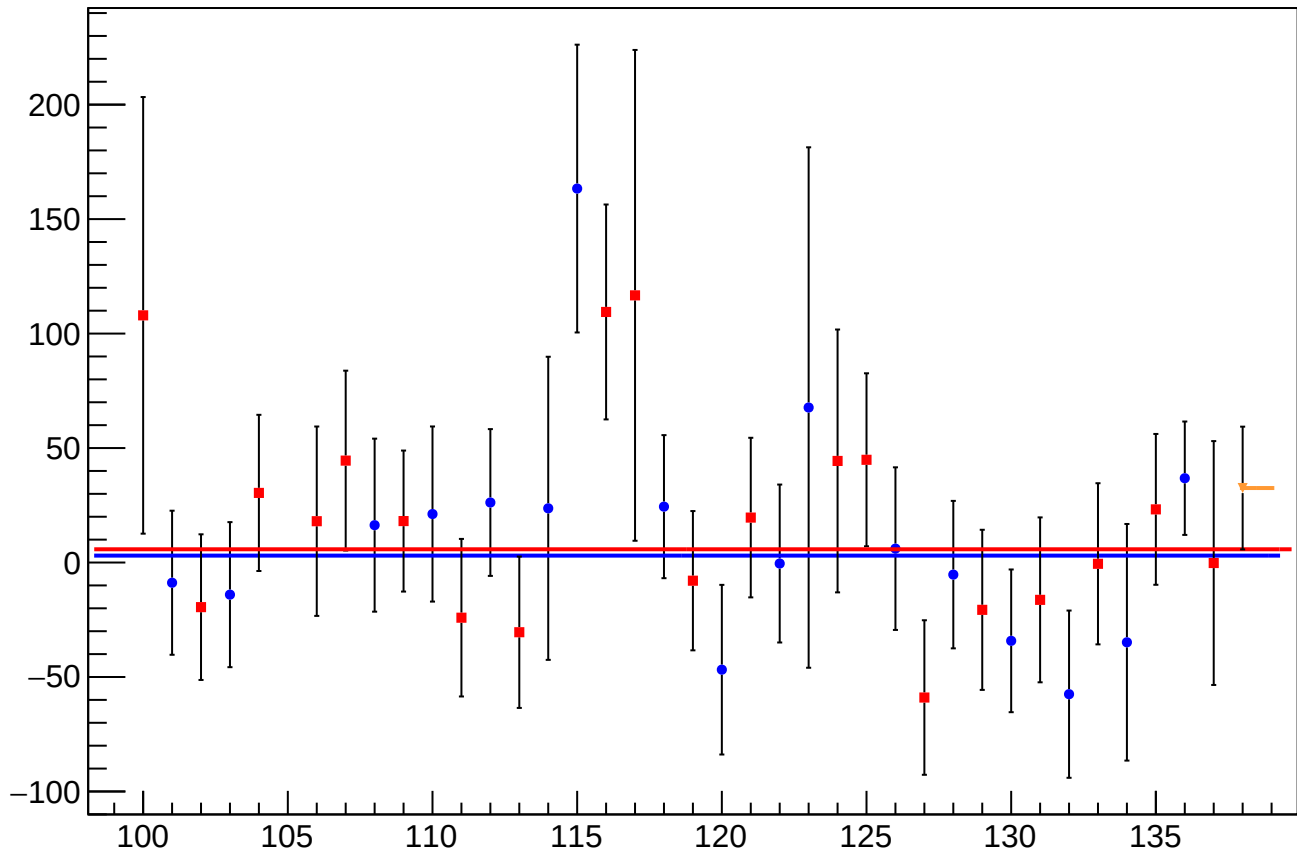
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.353+/-0.054 χ^2/NDF : 982564.6/17

185.883+/-0.037 χ^2/NDF : 2596004.2/37

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

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 32.537 ± 26.809 χ^2/NDF : 0.0/0

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

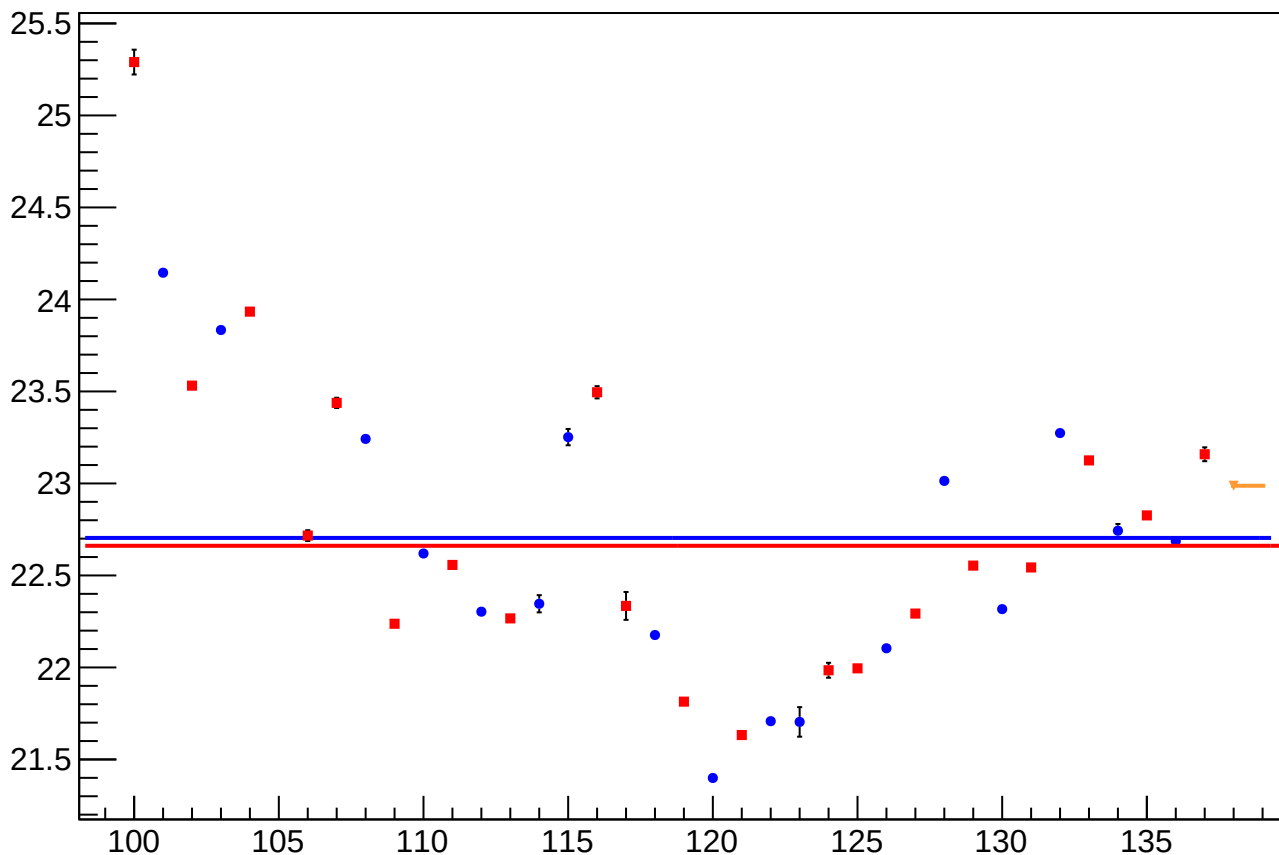
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

5.864 ± 8.319 χ^2/NDF : 18.3/17

5.826 ± 5.929 χ^2/NDF : 36.5/37

5.786 ± 8.451 χ^2/NDF : 18.3/19

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.704+/-0.006 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

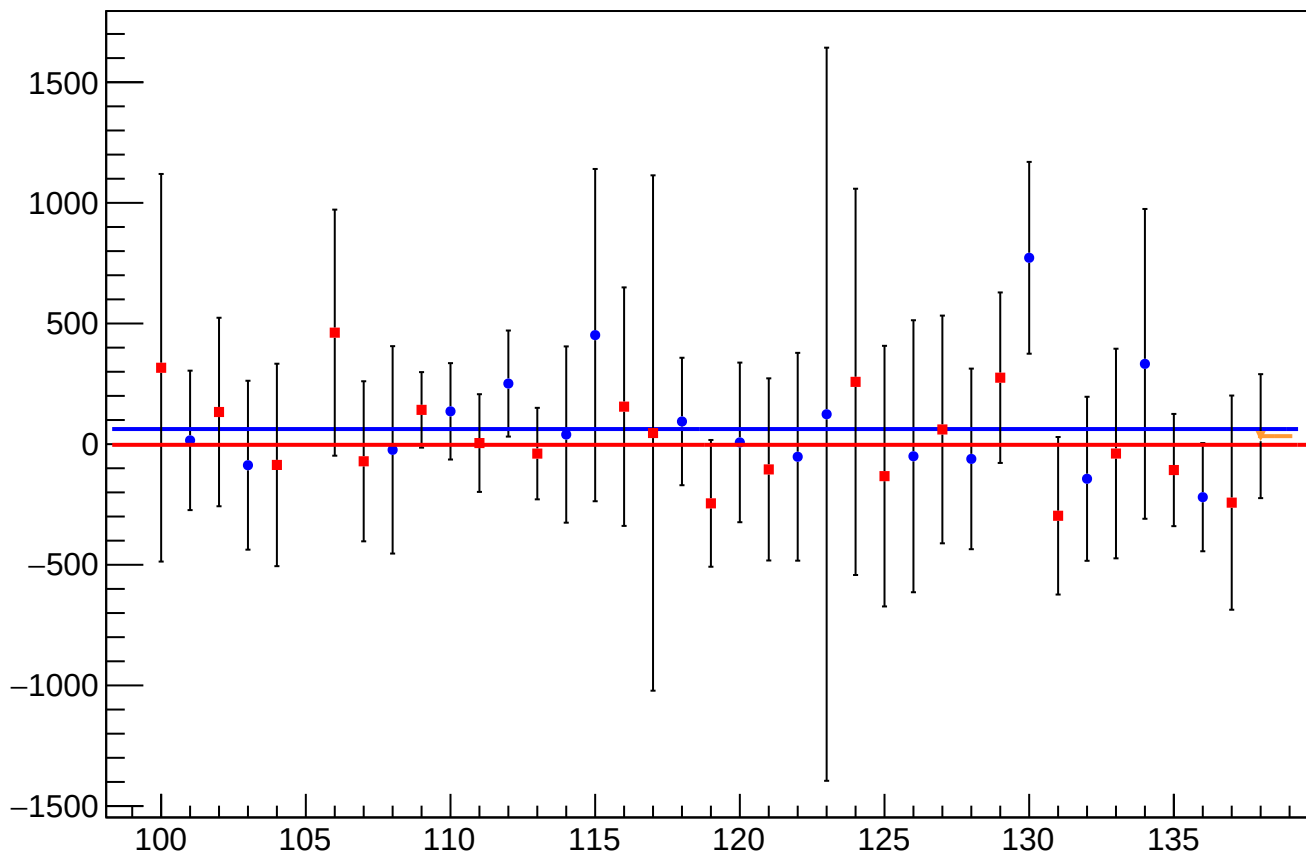
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.731+/-0.006 χ^2/NDF : 14307.9/17

22.697+/-0.004 χ^2/NDF : 27339.8/37

22.661+/-0.006 χ^2/NDF : 12962.1/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 33.155+/-256.900 χ^2/NDF : 0.0/0

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

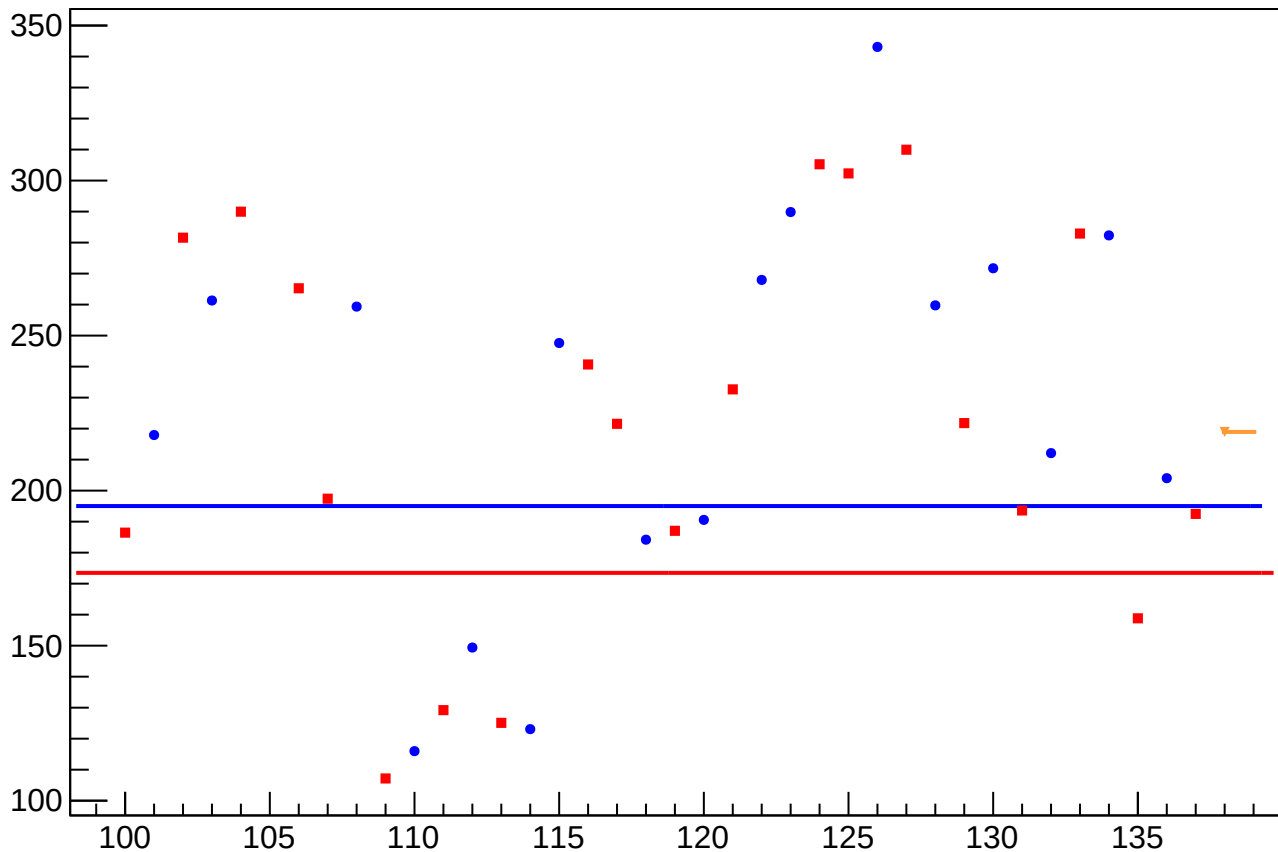
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

59.996+/-76.038 χ^2/NDF : 7.0/17

26.155+/-51.644 χ^2/NDF : 12.6/37

-2.824+/-70.364 χ^2/NDF : 5.2/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 218.934+/-0.182 χ^2/NDF : 0.0/0

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

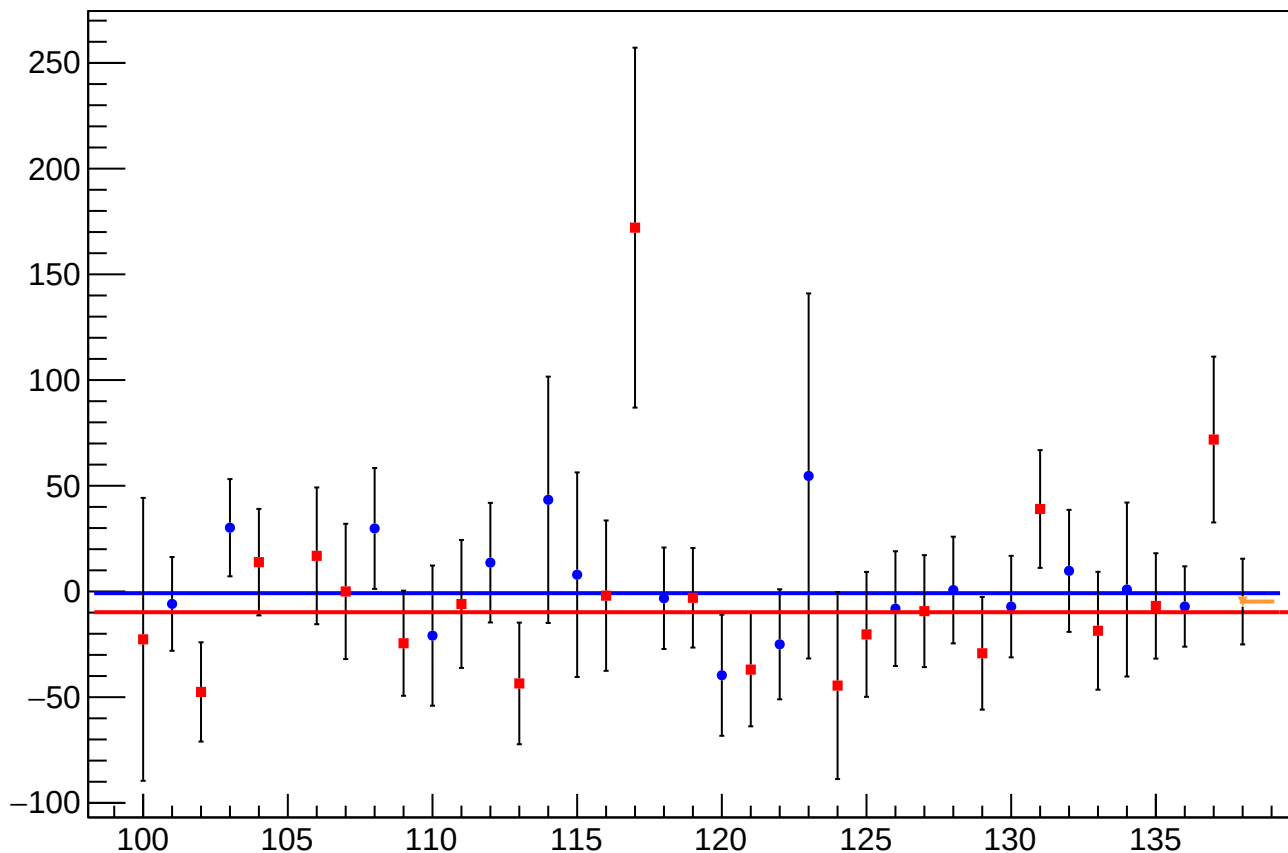
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

184.379+/-0.037 χ^2/NDF : 2706553.8/37

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -4.770 ± 20.273 χ^2/NDF : 0.0/0

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

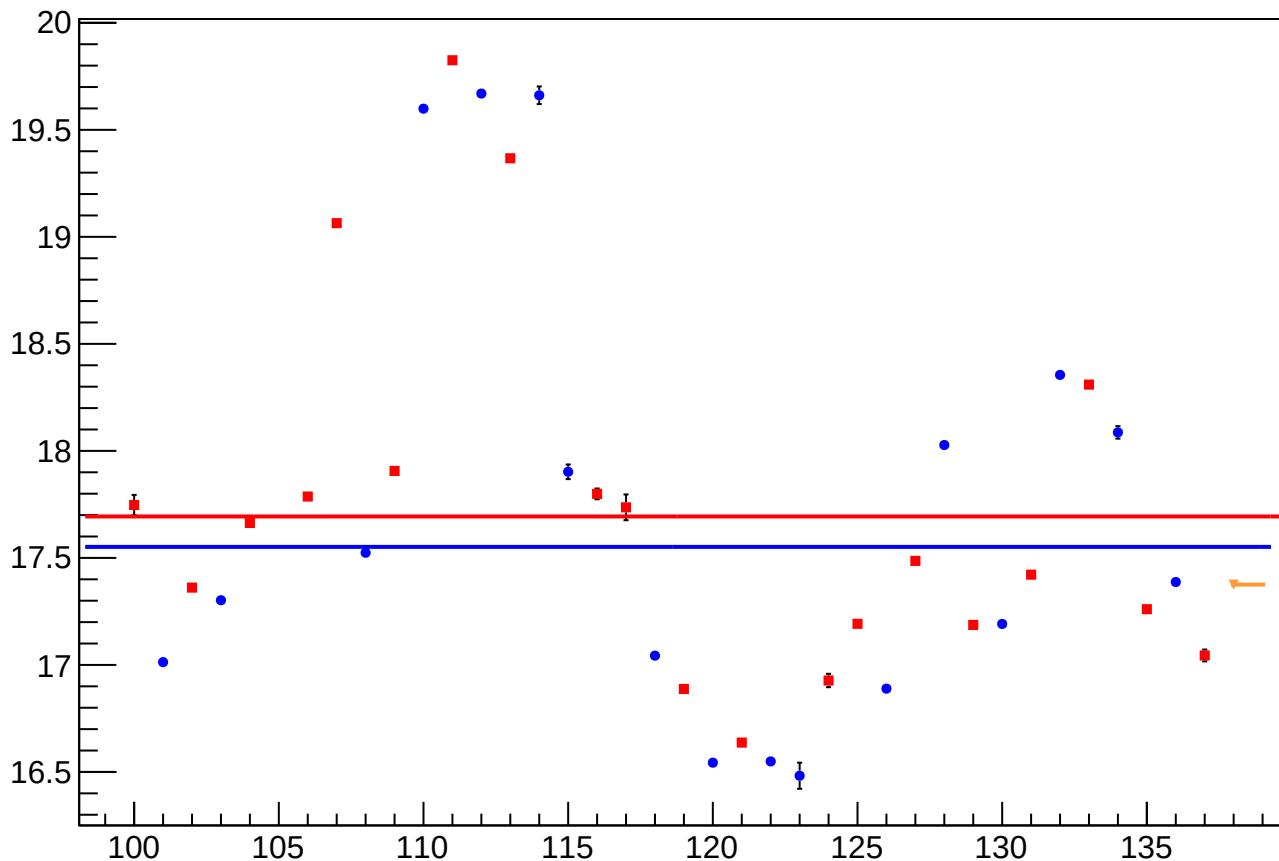
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.199 ± 6.421 χ^2/NDF : 7.8/17

-5.382 ± 4.605 χ^2/NDF : 29.2/37

-9.809 ± 6.606 χ^2/NDF : 20.5/19

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.552 $\pm$ 0.005 χ^2 /NDF: 34027.1/16

Left Out: 17.375 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Right Out: 17.694 $\pm$ 0.005 χ^2 /NDF: 30742.5/19

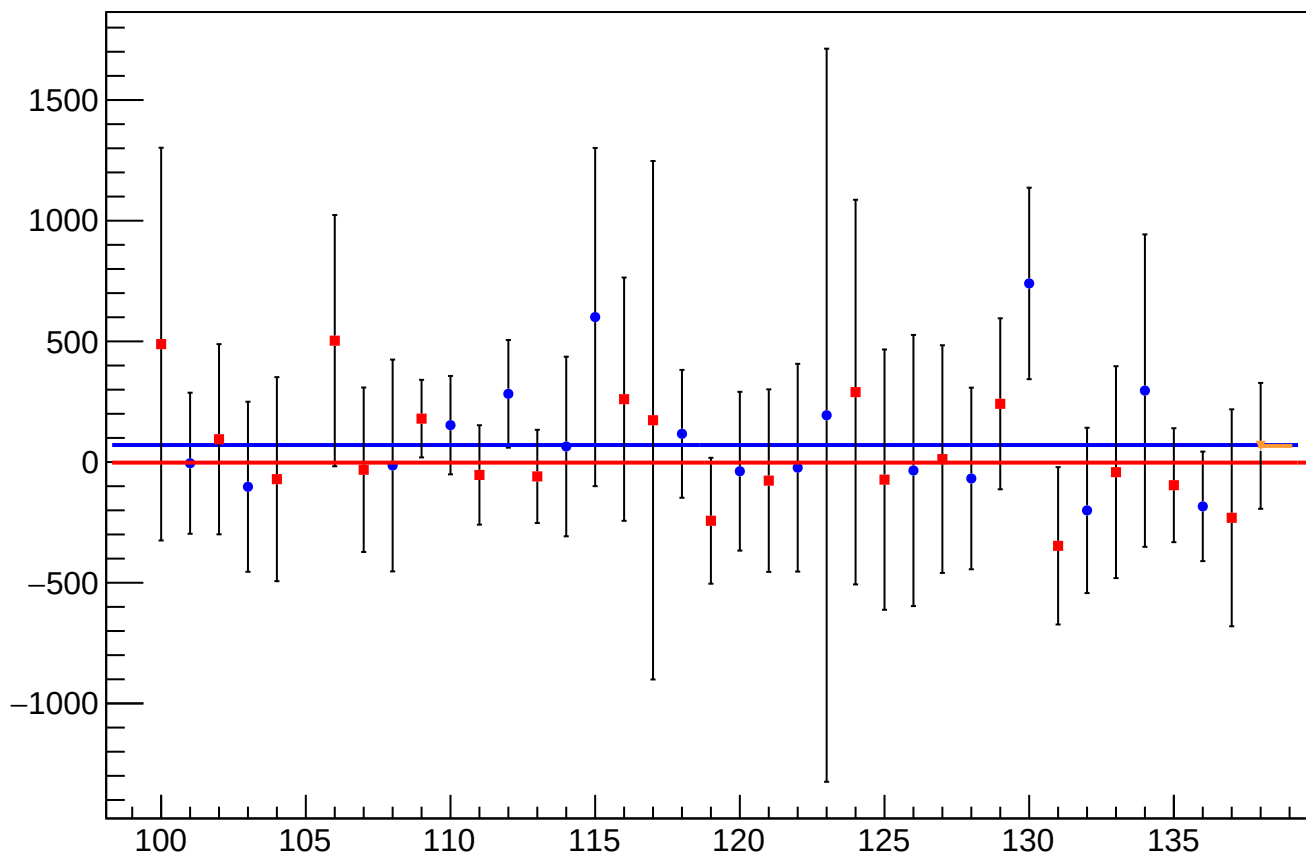
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.534 $\pm$ 0.005 χ^2 /NDF: 34163.0/17

17.611 $\pm$ 0.003 χ^2 /NDF: 65507.2/37

17.694 $\pm$ 0.005 χ^2 /NDF: 30742.5/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 67.117+/-260.804 χ^2/NDF : 0.0/0

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

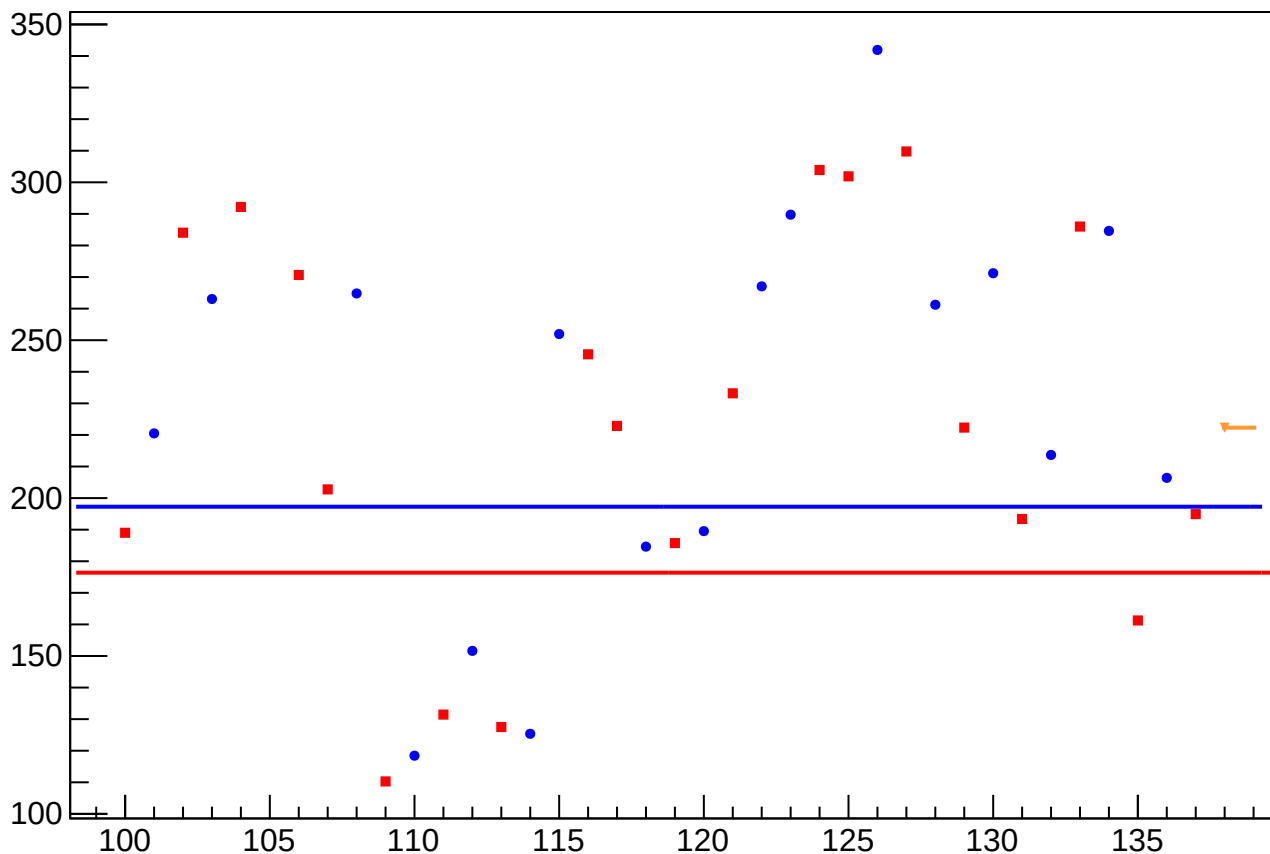
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

70.329+/-76.840 χ^2/NDF : 7.2/17

31.336+/-52.285 χ^2/NDF : 13.9/37

-2.285+/-71.350 χ^2/NDF : 6.2/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.271 $\pm$ 0.057 χ^2 /NDF: 969549.7/16

Left Out: 222.306 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Right Out: 176.387 $\pm$ 0.050 χ^2 /NDF: 1523467.7/19

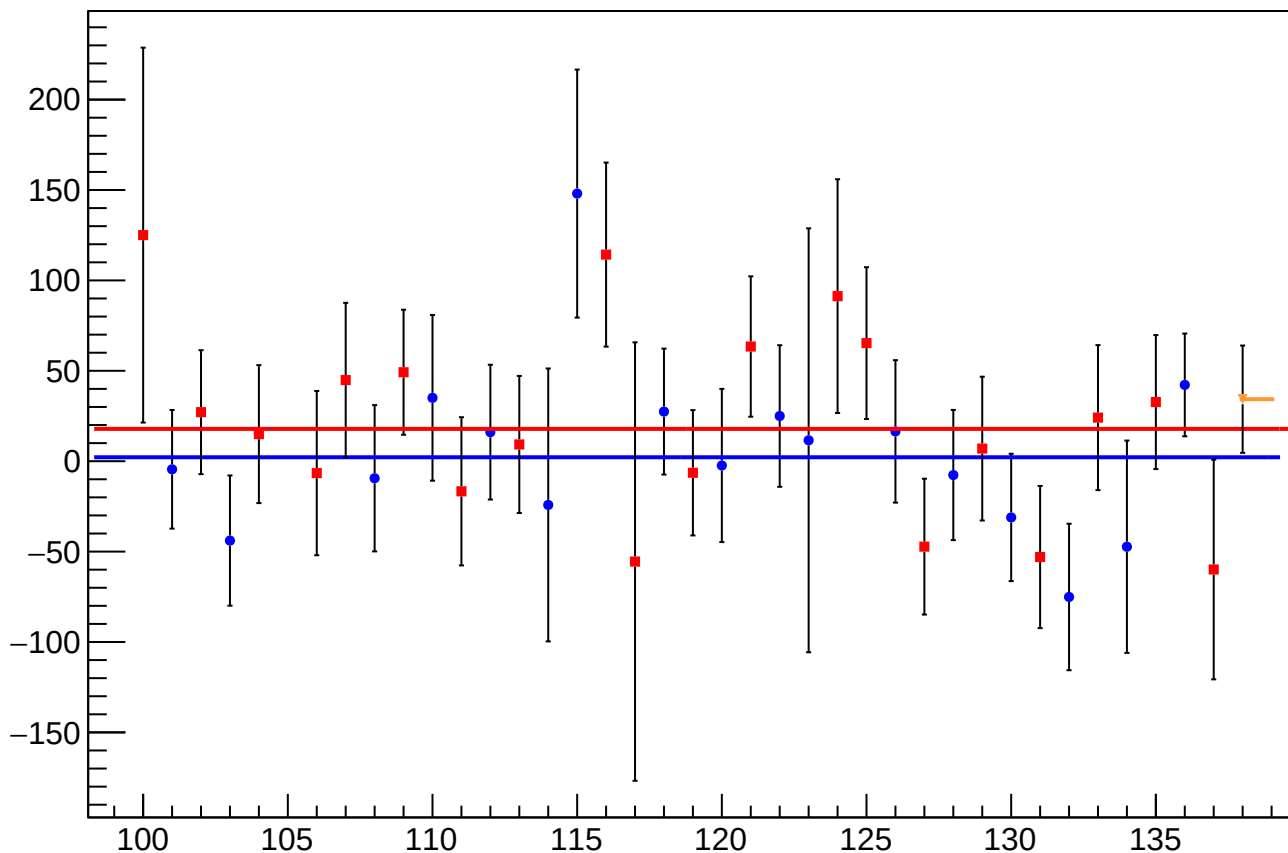
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

199.444 $\pm$ 0.054 χ^2 /NDF: 986378.5/17

187.062 $\pm$ 0.037 χ^2 /NDF: 2606555.0/37

176.387 $\pm$ 0.050 χ^2 /NDF: 1523467.7/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 34.293+/-29.678 χ^2/NDF : 0.0/0

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

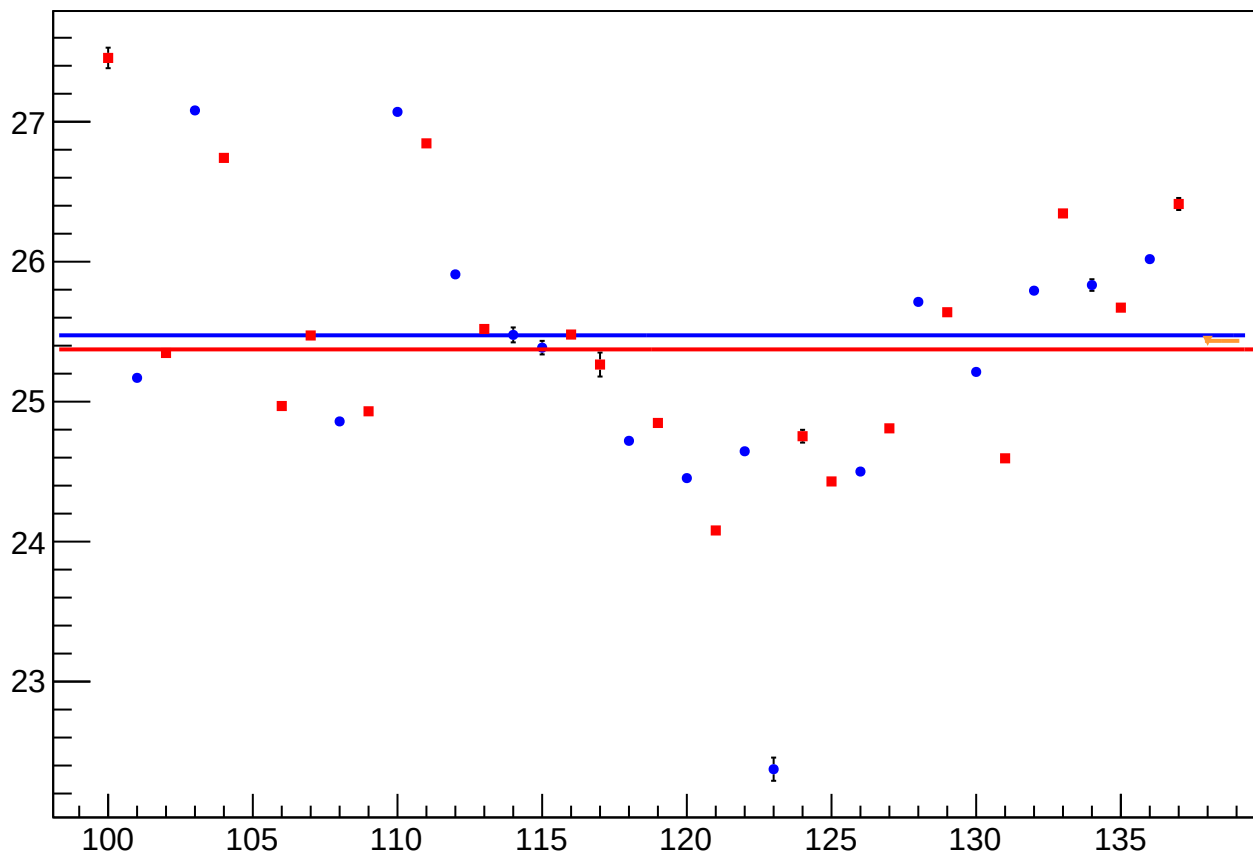
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.350+/-9.327 χ^2/NDF : 16.4/17

11.516+/-6.645 χ^2/NDF : 37.3/37

17.869+/-9.468 χ^2/NDF : 20.0/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.474 $\pm$ 0.007 χ^2 /NDF: 14061.2/16

Left Out: 25.434 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Right Out: 25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

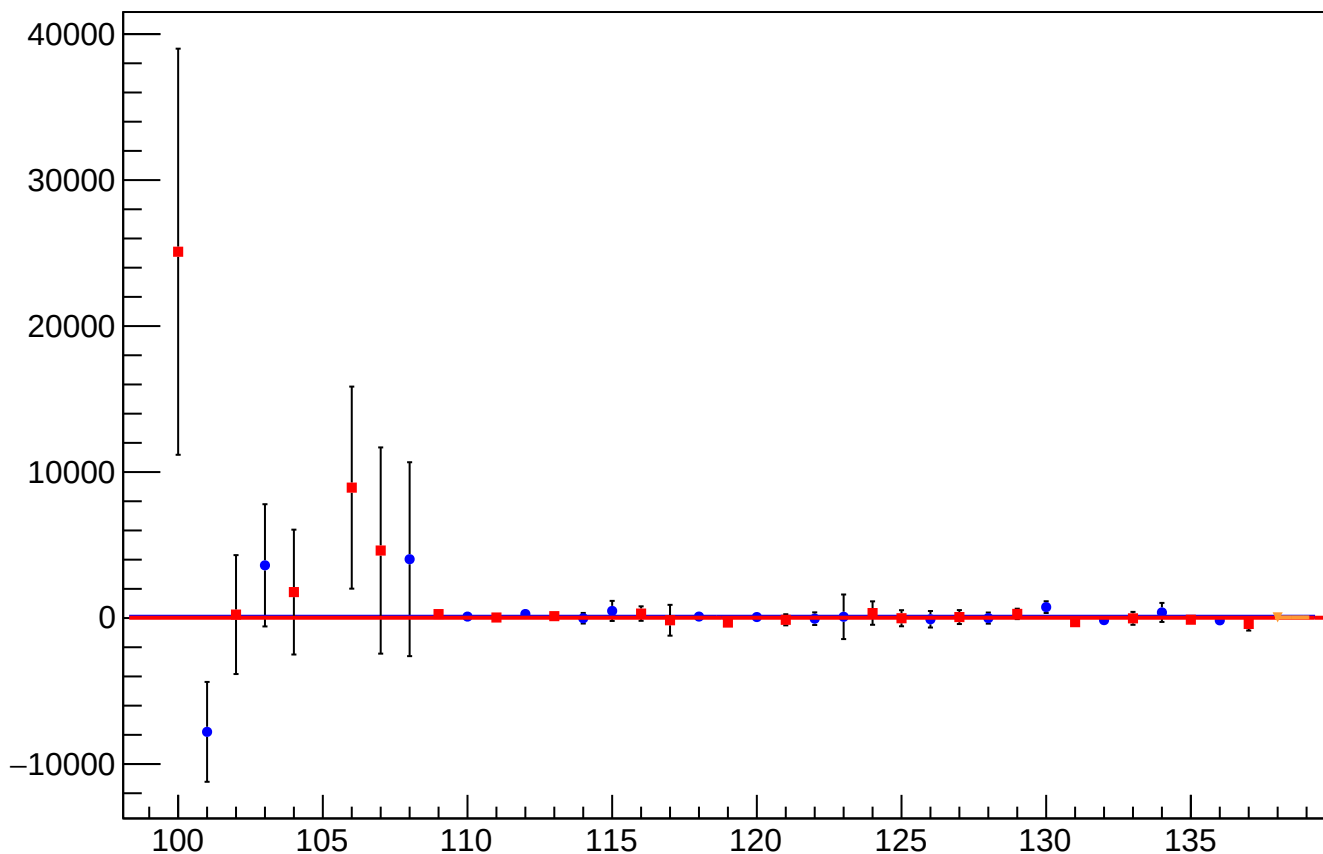
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.470 $\pm$ 0.007 χ^2 /NDF: 14064.4/17

25.422 $\pm$ 0.005 χ^2 /NDF: 27753.1/37

25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 89.619+/-87.630 χ^2/NDF : 12.3/16

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

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

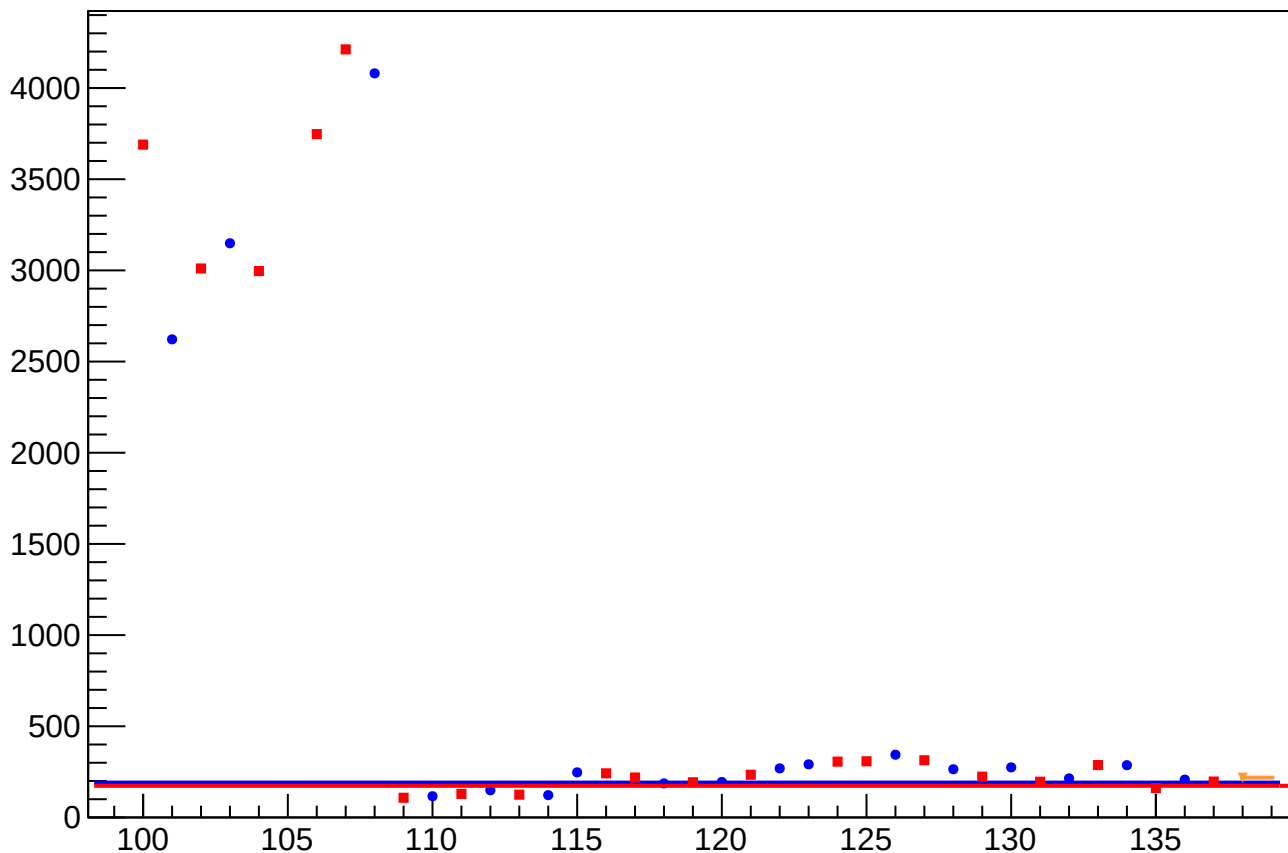
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.099+/-82.927 χ^2/NDF : 12.3/17

52.472+/-57.822 χ^2/NDF : 24.5/37

21.600+/-80.665 χ^2/NDF : 11.9/19

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 218.471+/-0.181 χ^2/NDF : 0.0/0

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

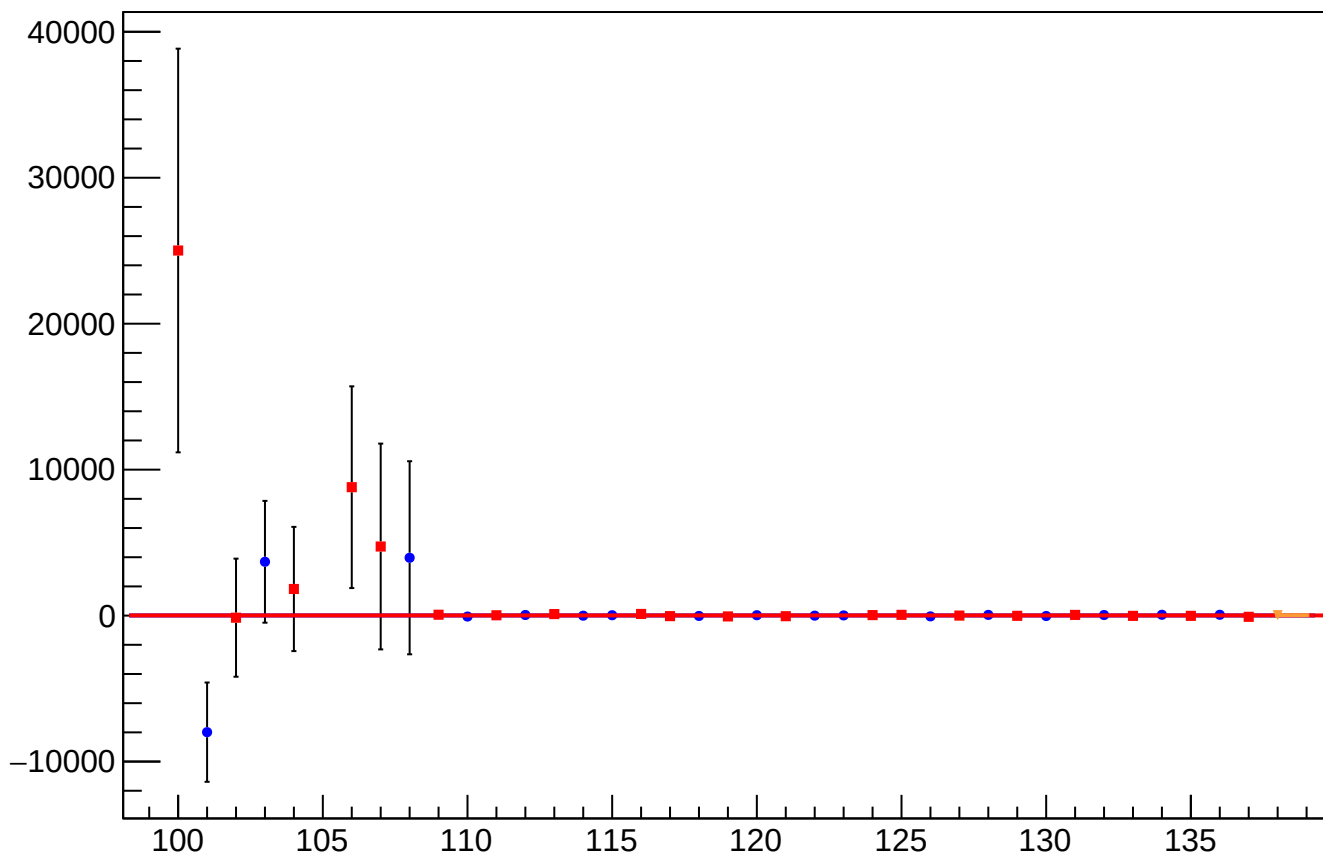
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

183.505+/-0.041 χ^2/NDF : 7865754.2/37

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

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.398+/-12.190 χ^2/NDF : 18.3/16

Left Out: 27.258+/-33.777 χ^2/NDF : 0.0/0

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

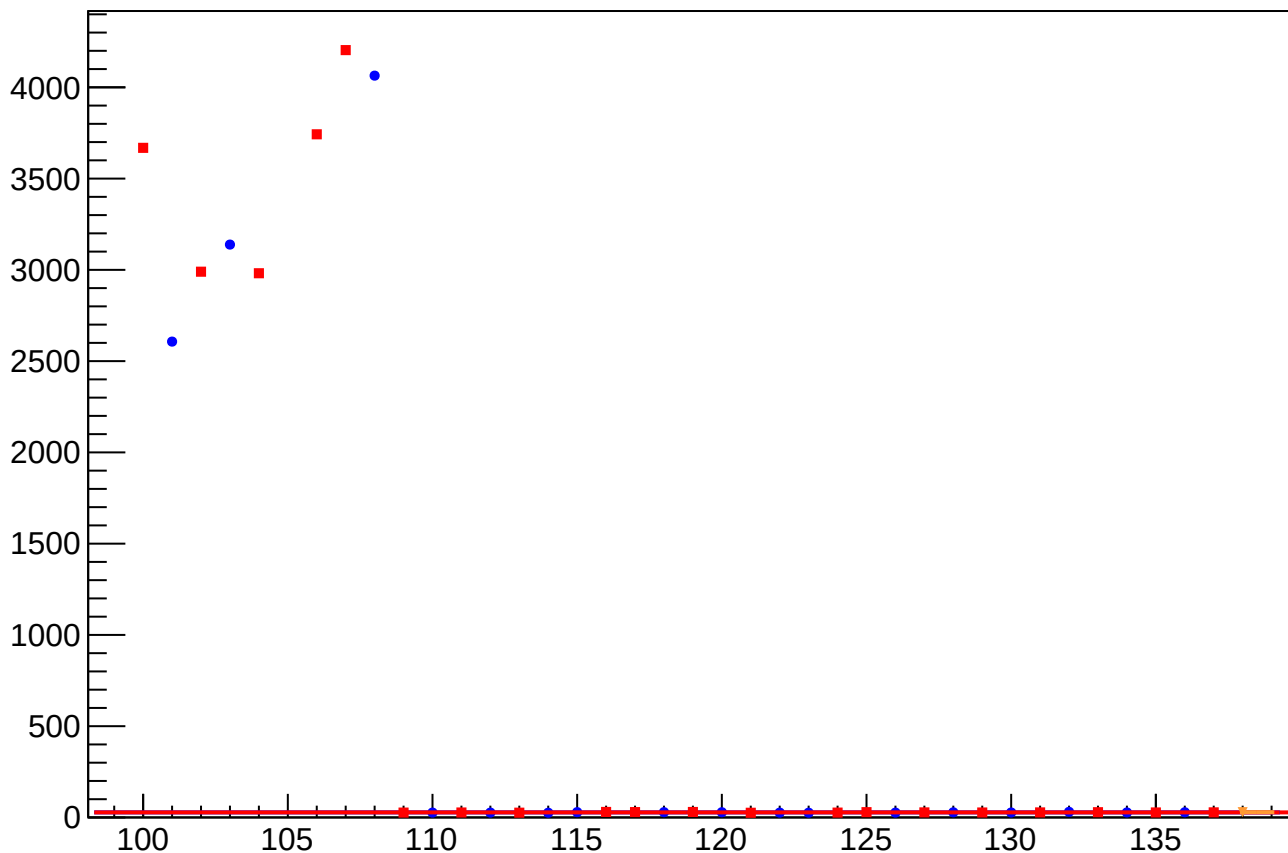
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.341+/-11.466 χ^2/NDF : 18.5/17

12.450+/-8.349 χ^2/NDF : 43.0/37

12.573+/-12.182 χ^2/NDF : 24.5/19

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.837+/-0.009 χ^2 /NDF: 3026887.2/16

Left Out: 28.925+/-0.024 χ^2 /NDF: 0.0/0

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

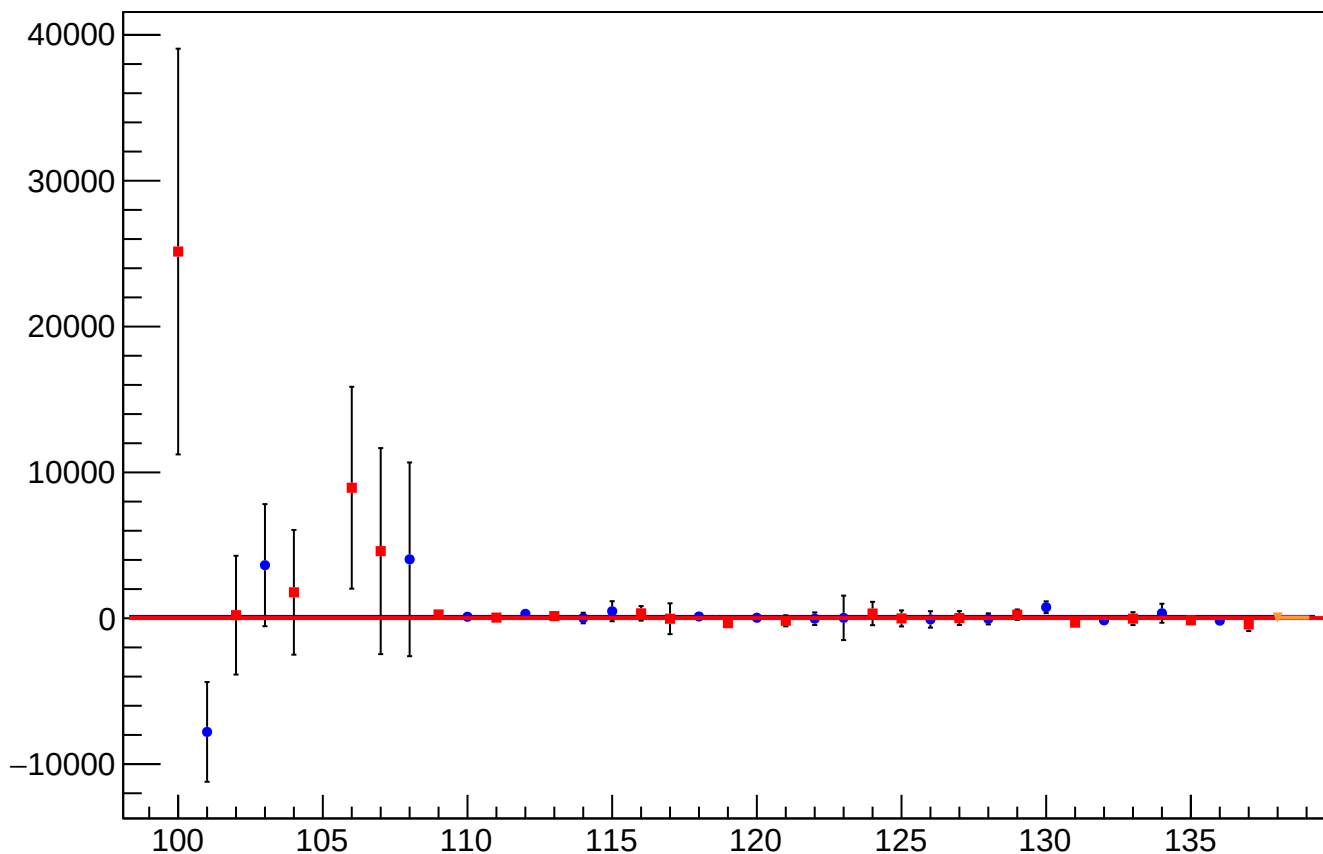
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

27.962+/-0.008 χ^2 /NDF: 3028723.9/17

27.842+/-0.006 χ^2 /NDF: 6506270.8/37

27.706+/-0.009 χ^2 /NDF: 3477080.4/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 92.840+/-87.359 χ^2/NDF : 12.6/16

Left Out: 50.837+/-255.877 χ^2/NDF : 0.0/0

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

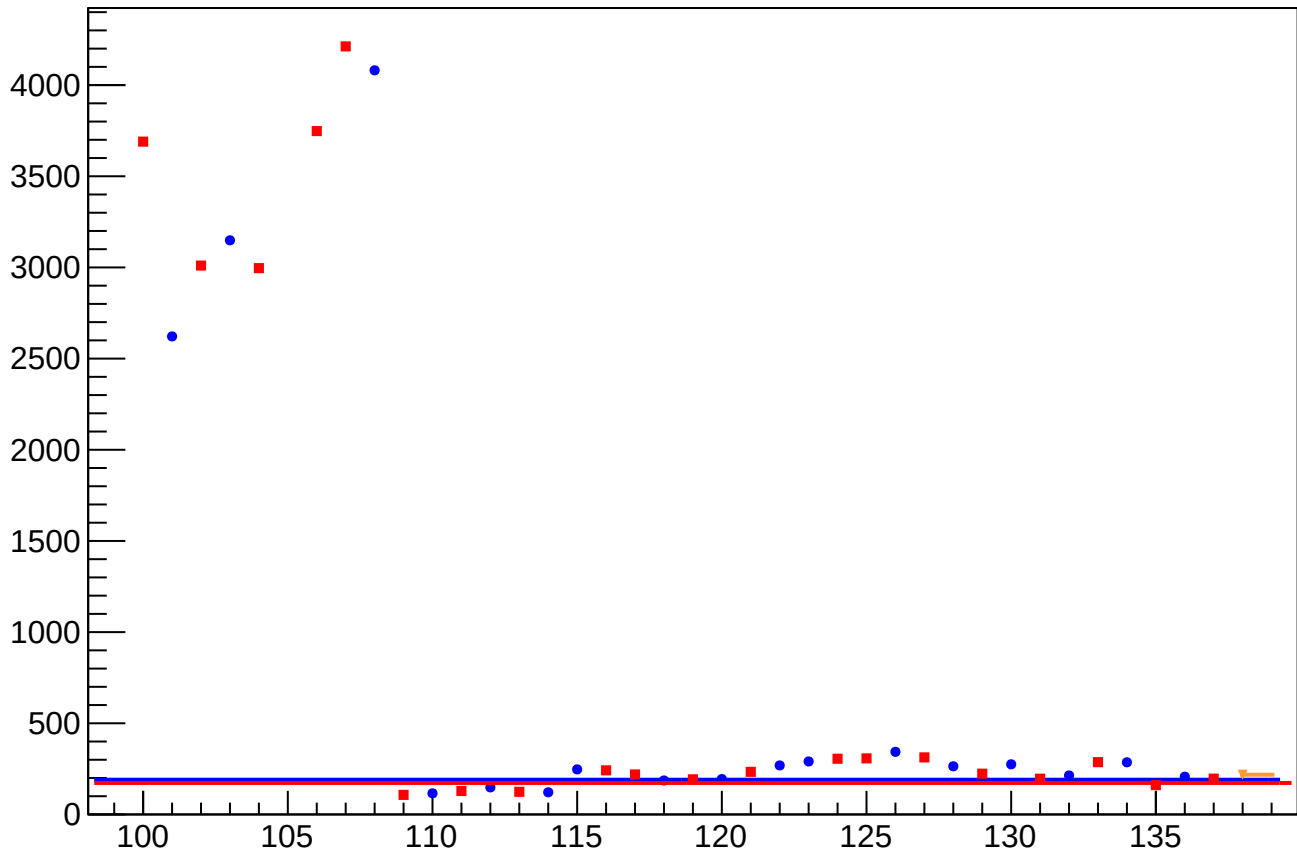
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

88.455+/-82.673 χ^2/NDF : 12.6/17

49.427+/-57.641 χ^2/NDF : 25.7/37

12.509+/-80.407 χ^2/NDF : 12.7/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 217.891+/-0.181 χ^2/NDF : 0.0/0

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

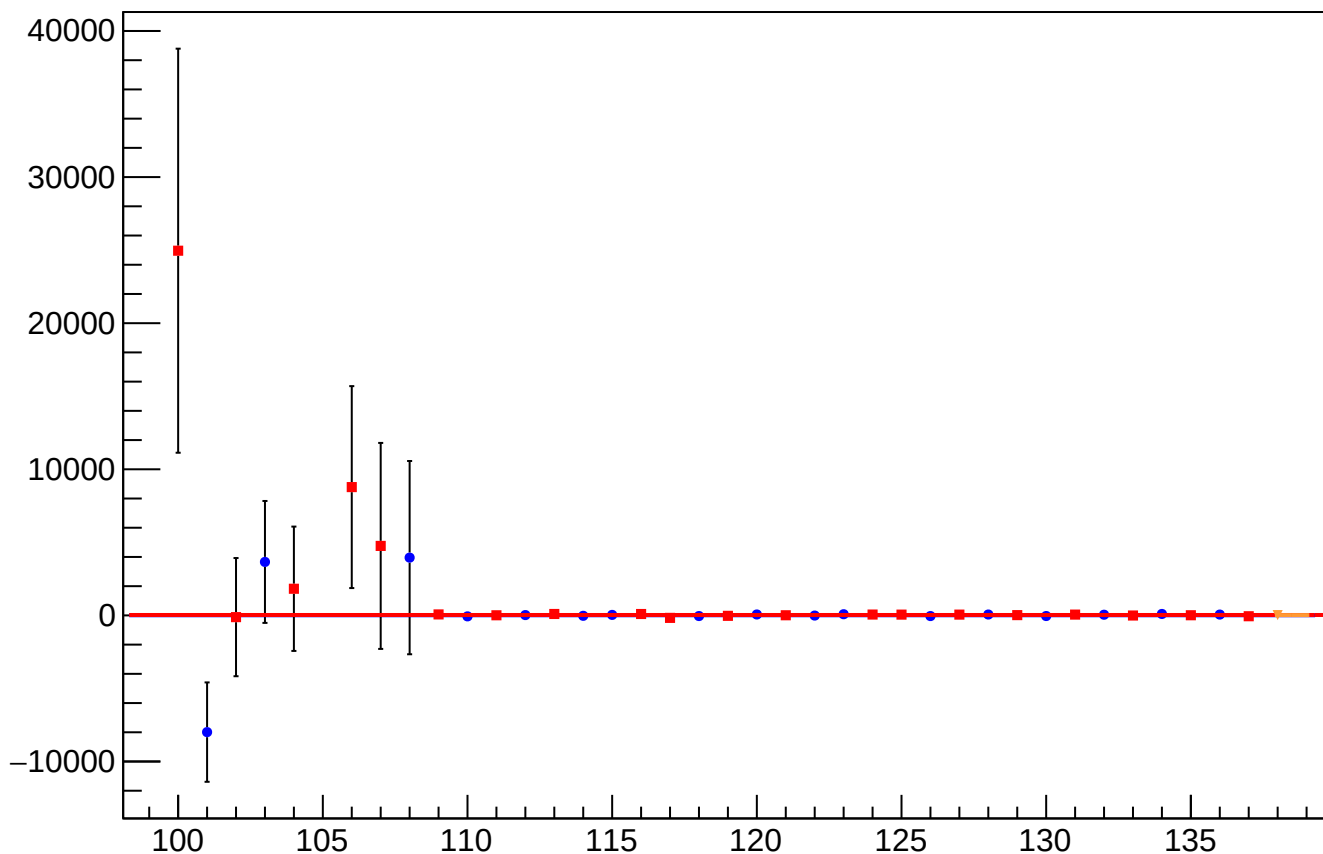
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

182.825+/-0.041 χ^2/NDF : 7889432.3/37

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.600 $\pm$ 12.273 χ^2 /NDF: 23.2/16

Left Out: 19.828 $\pm$ 34.159 χ^2 /NDF: 0.0/0

Right Out: 28.128 $\pm$ 12.282 χ^2 /NDF: 18.5/19

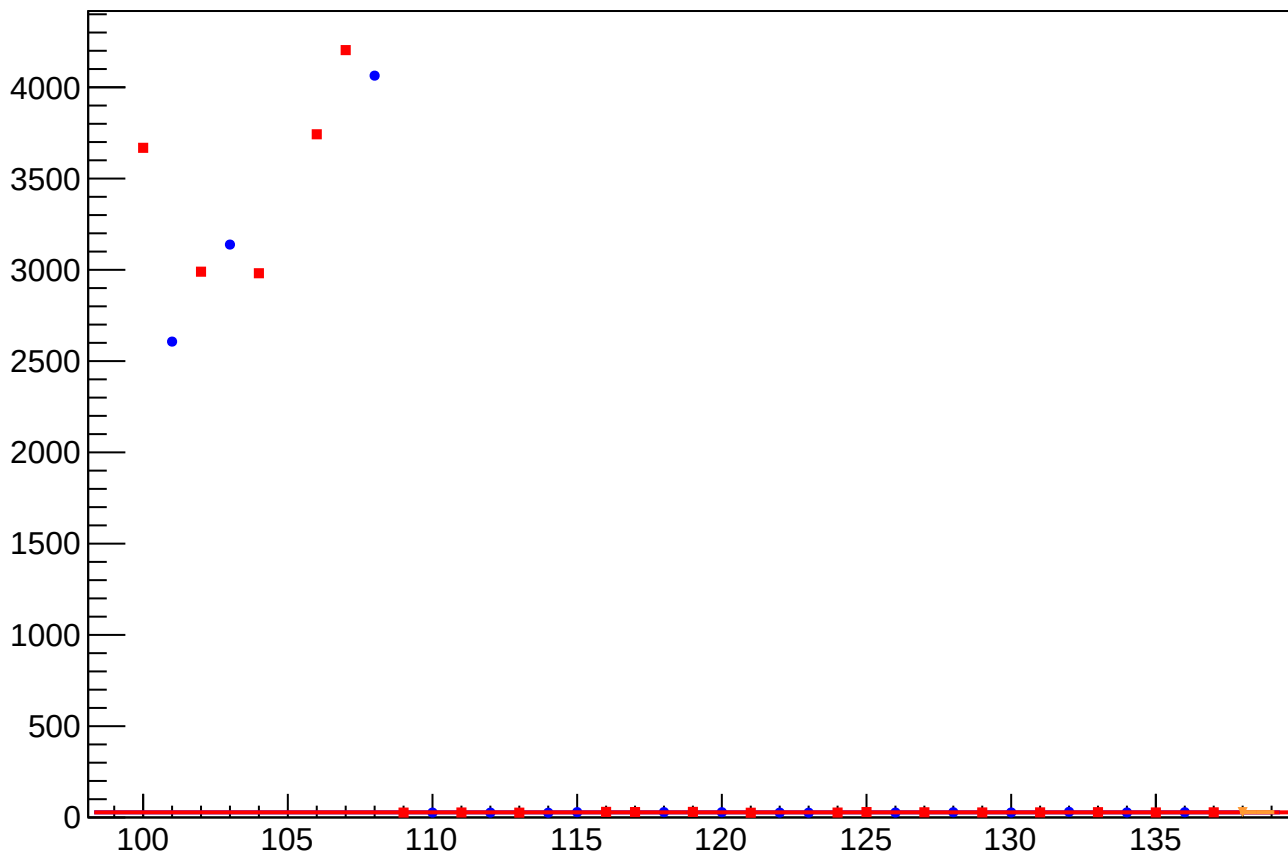
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.770 $\pm$ 11.550 χ^2 /NDF: 23.3/17

18.917 $\pm$ 8.414 χ^2 /NDF: 42.8/37

28.128 $\pm$ 12.282 χ^2 /NDF: 18.5/19

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.023+/-0.009 χ^2/NDF : 3027003.0/16

Left Out: 29.249+/-0.024 χ^2/NDF : 0.0/0

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

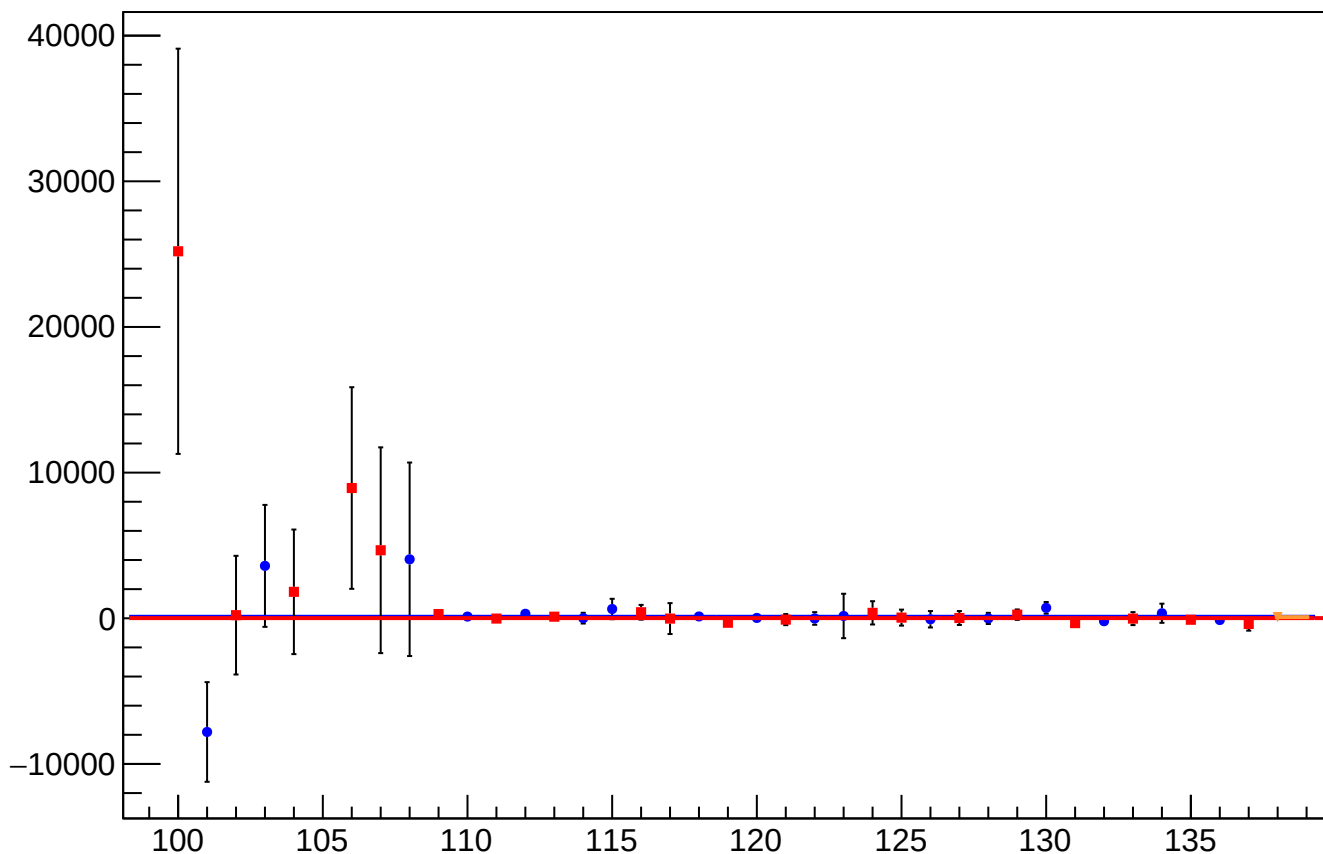
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.163+/-0.008 χ^2/NDF : 3029283.5/17

28.053+/-0.006 χ^2/NDF : 6509536.1/37

27.929+/-0.009 χ^2/NDF : 3479867.7/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 80.021 $\pm$ 260.293 χ^2 /NDF:0.0/0

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

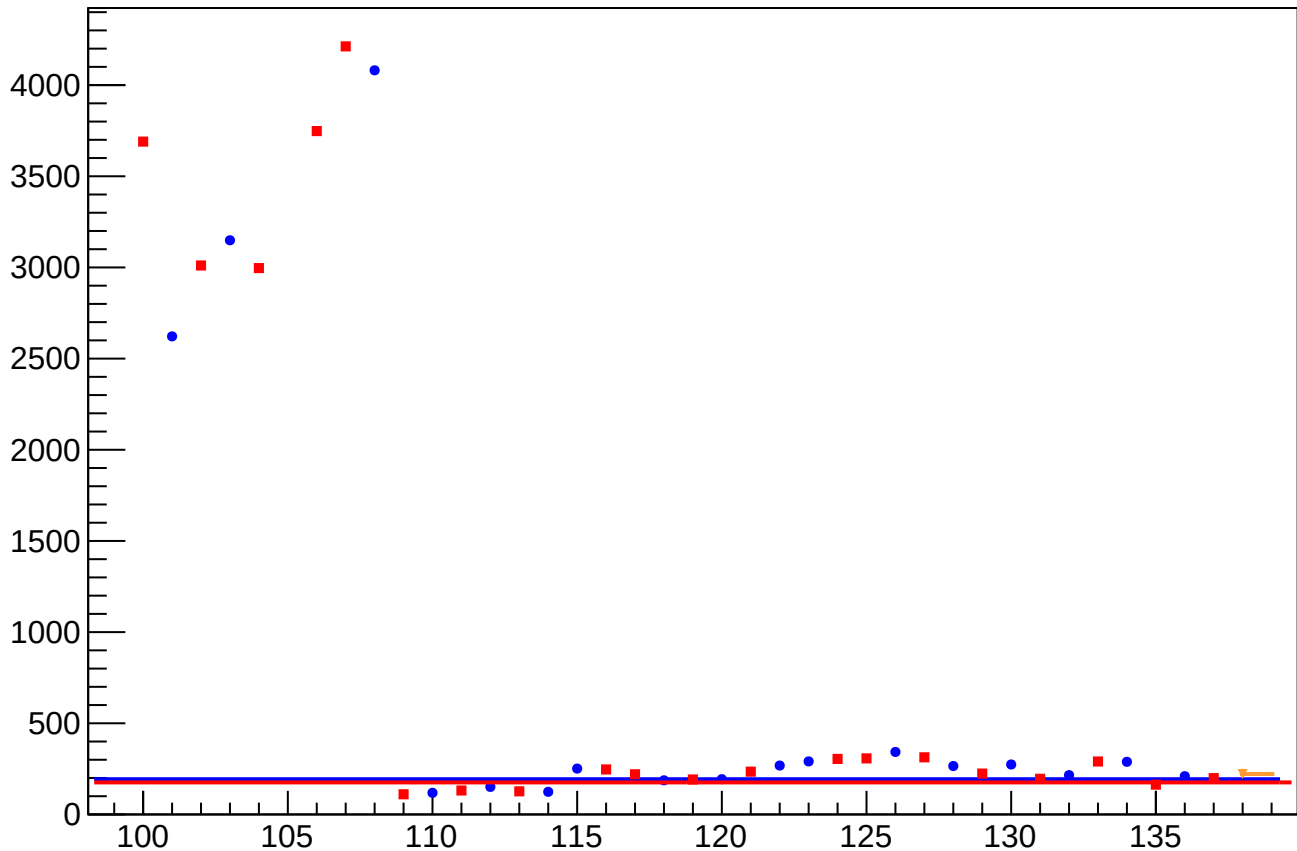
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

99.523 $\pm$ 83.696 χ^2 /NDF: 12.4/17

54.096 $\pm$ 58.385 χ^2 /NDF: 25.2/37

11.037 $\pm$ 81.486 χ^2 /NDF: 12.3/19

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



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

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

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

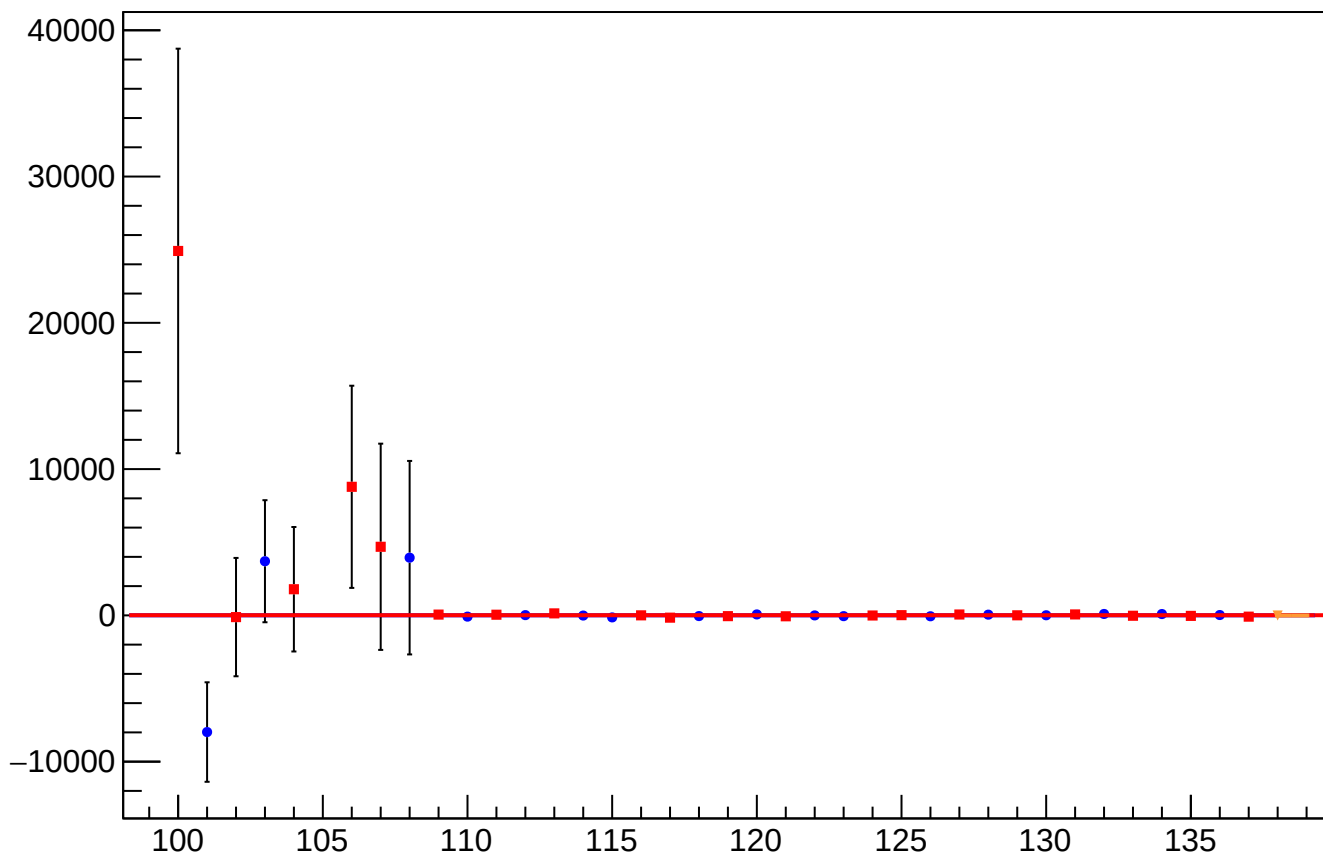
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

185.670+/-0.041 χ^2/NDF : 7787469.2/37

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.651+/-14.935 χ^2/NDF : 20.4/16

Left Out: -8.004+/-41.008 χ^2/NDF : 0.0/0

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

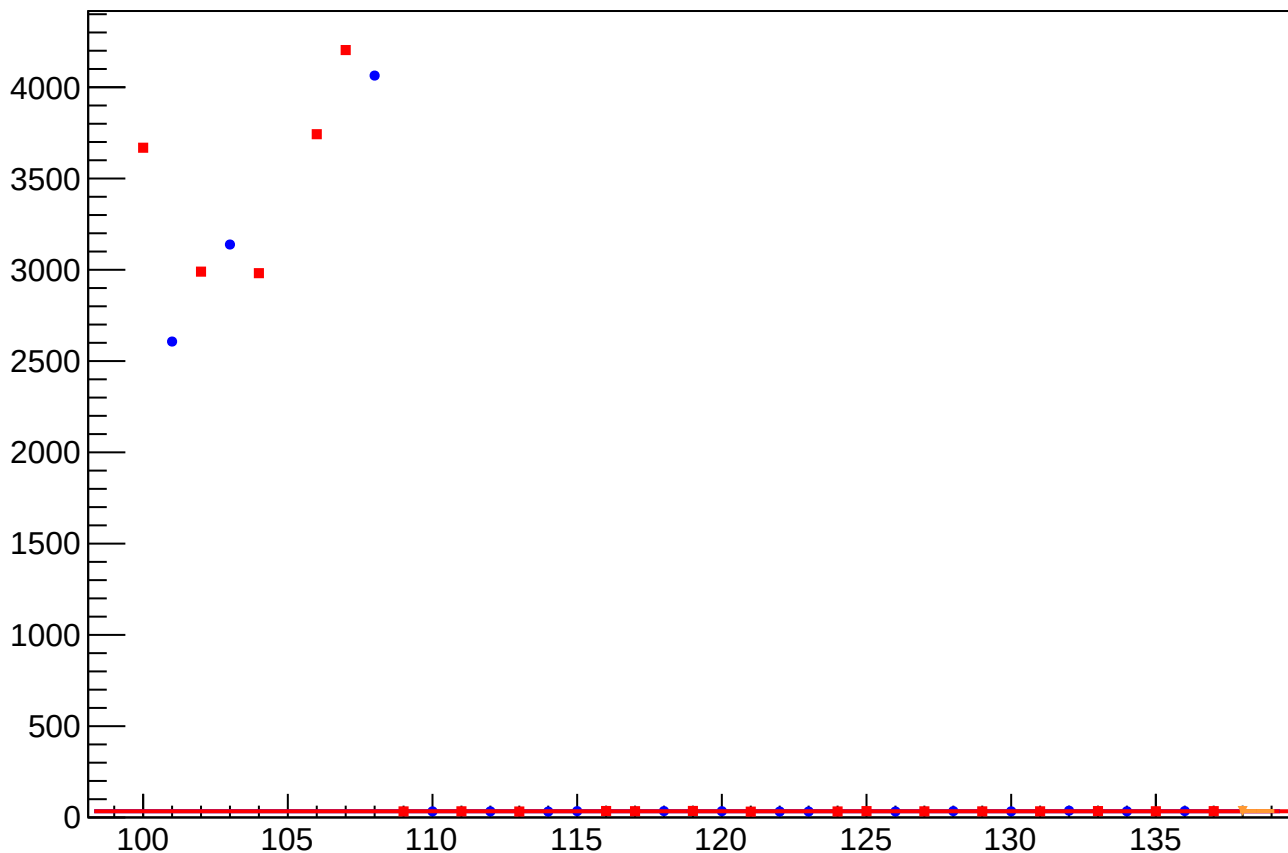
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.169+/-14.033 χ^2/NDF : 20.5/17

6.902+/-10.211 χ^2/NDF : 43.3/37

11.101+/-14.886 χ^2/NDF : 22.7/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.137+/-0.011 χ^2/NDF : 3006248.0/16

Left Out: 35.137+/-0.029 χ^2/NDF : 0.0/0

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

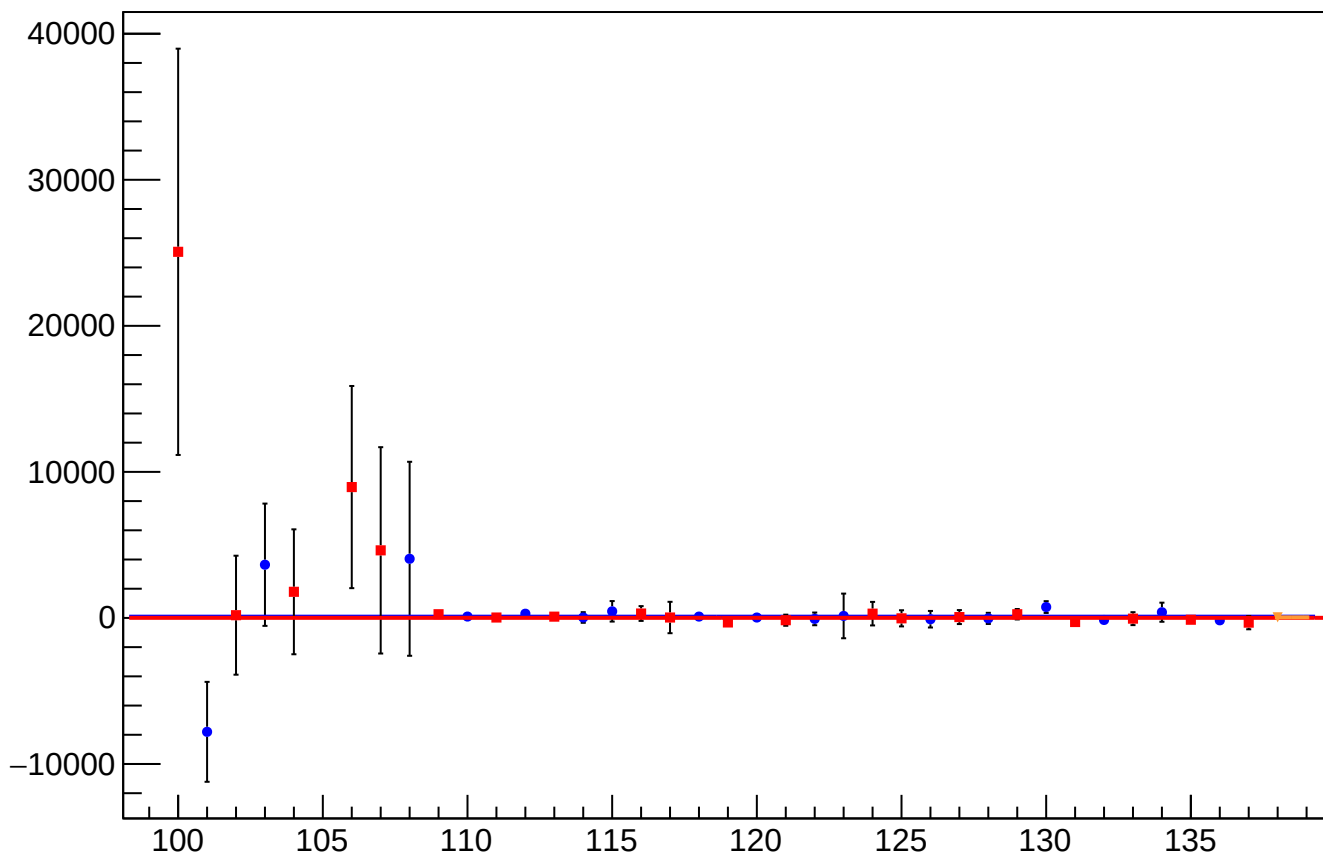
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.254+/-0.010 χ^2/NDF : 3007296.8/17

34.095+/-0.007 χ^2/NDF : 6459743.0/37

33.915+/-0.011 χ^2/NDF : 3451897.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 86.041+/-87.947 χ^2/NDF : 12.4/16

Left Out: 42.430+/-257.176 χ^2/NDF : 0.0/0

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

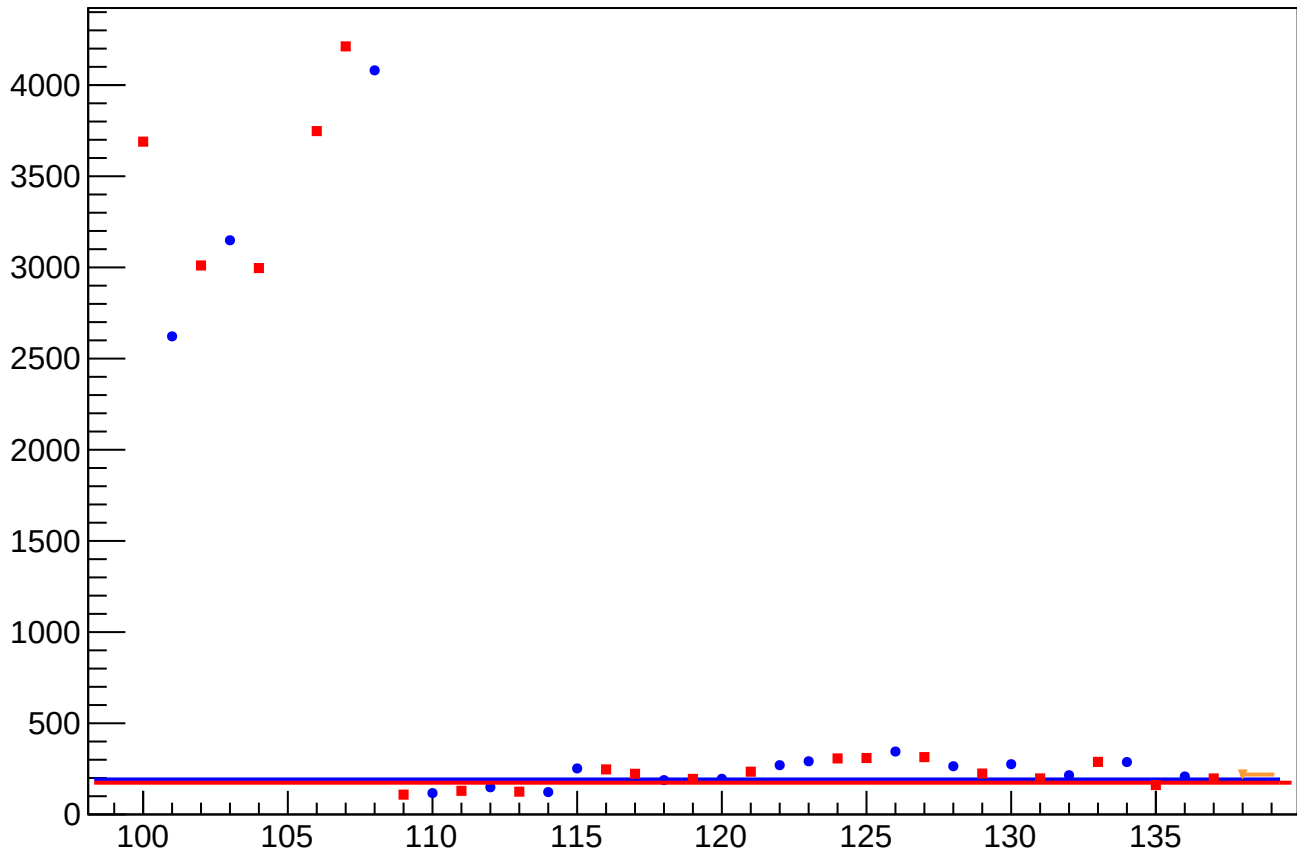
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

81.474+/-83.216 χ^2/NDF : 12.4/17

43.438+/-58.035 χ^2/NDF : 23.9/37

7.420+/-80.977 χ^2/NDF : 11.1/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 218.997+/-0.182 χ^2/NDF : 0.0/0

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

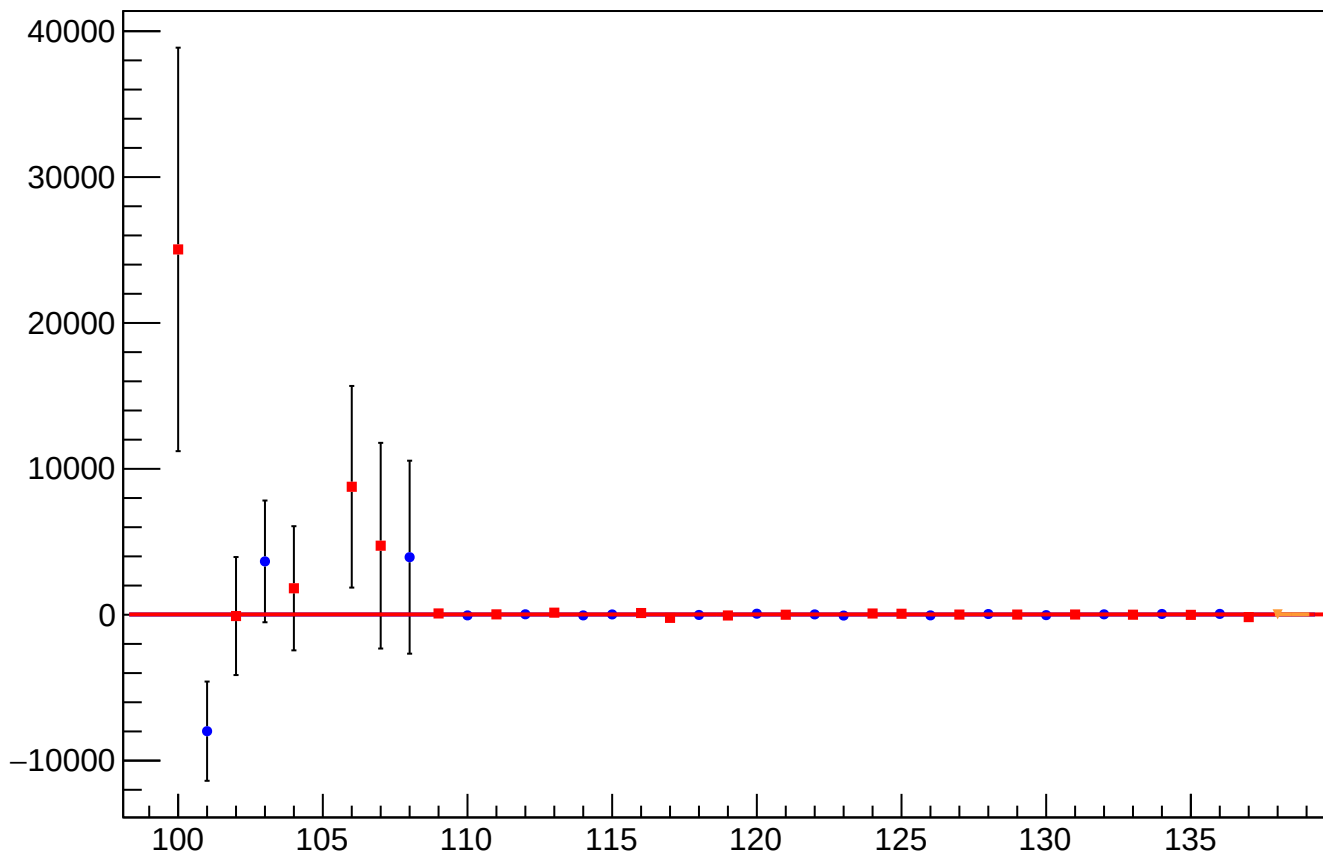
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

184.183+/-0.041 χ^2/NDF : 7870923.8/37

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 14.121+/-13.618 χ^2/NDF : 15.2/16

Left Out: 27.306+/-37.177 χ^2/NDF : 0.0/0

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

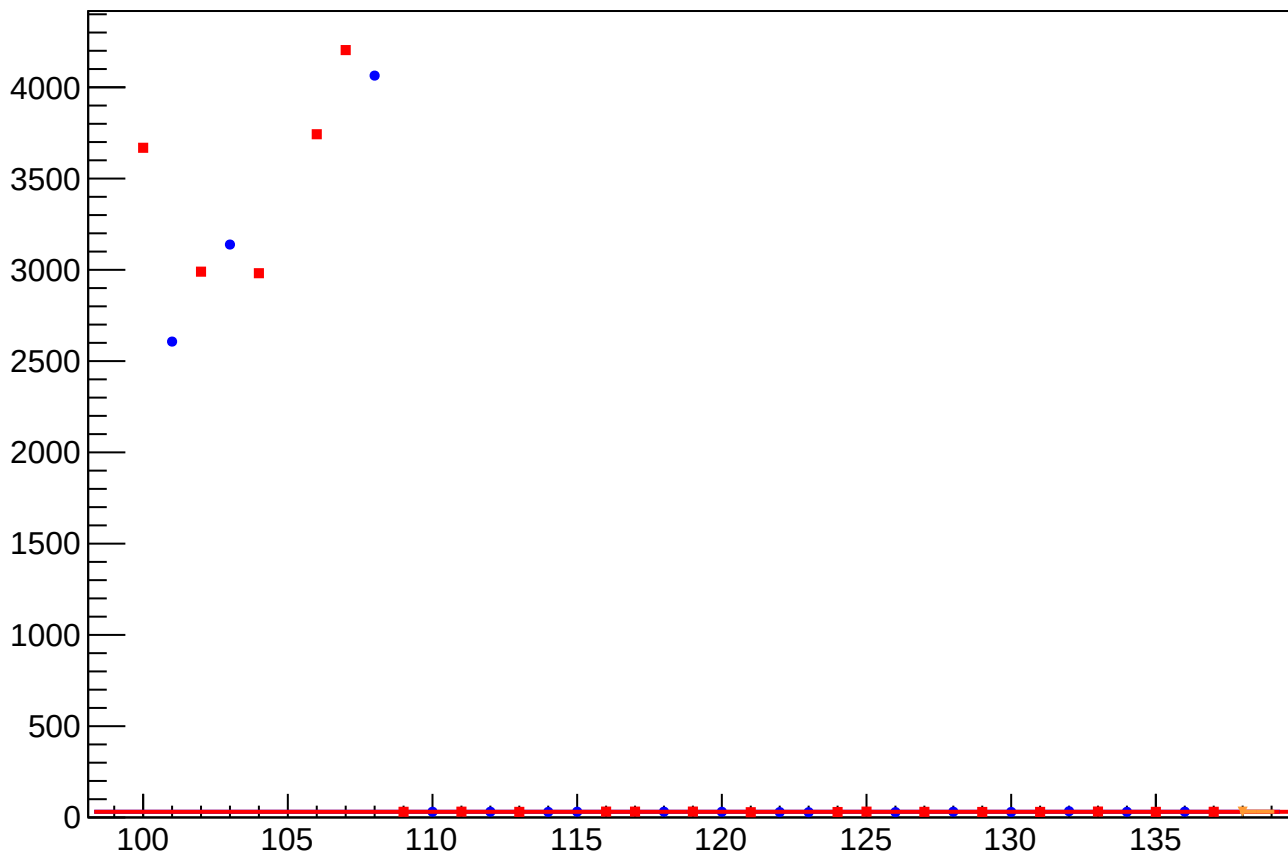
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.680+/-12.787 χ^2/NDF : 15.3/17

18.406+/-9.316 χ^2/NDF : 45.3/37

21.490+/-13.601 χ^2/NDF : 29.9/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.127+/-0.010 χ^2/NDF : 3014425.9/16

Left Out: 31.847+/-0.026 χ^2/NDF : 0.0/0

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

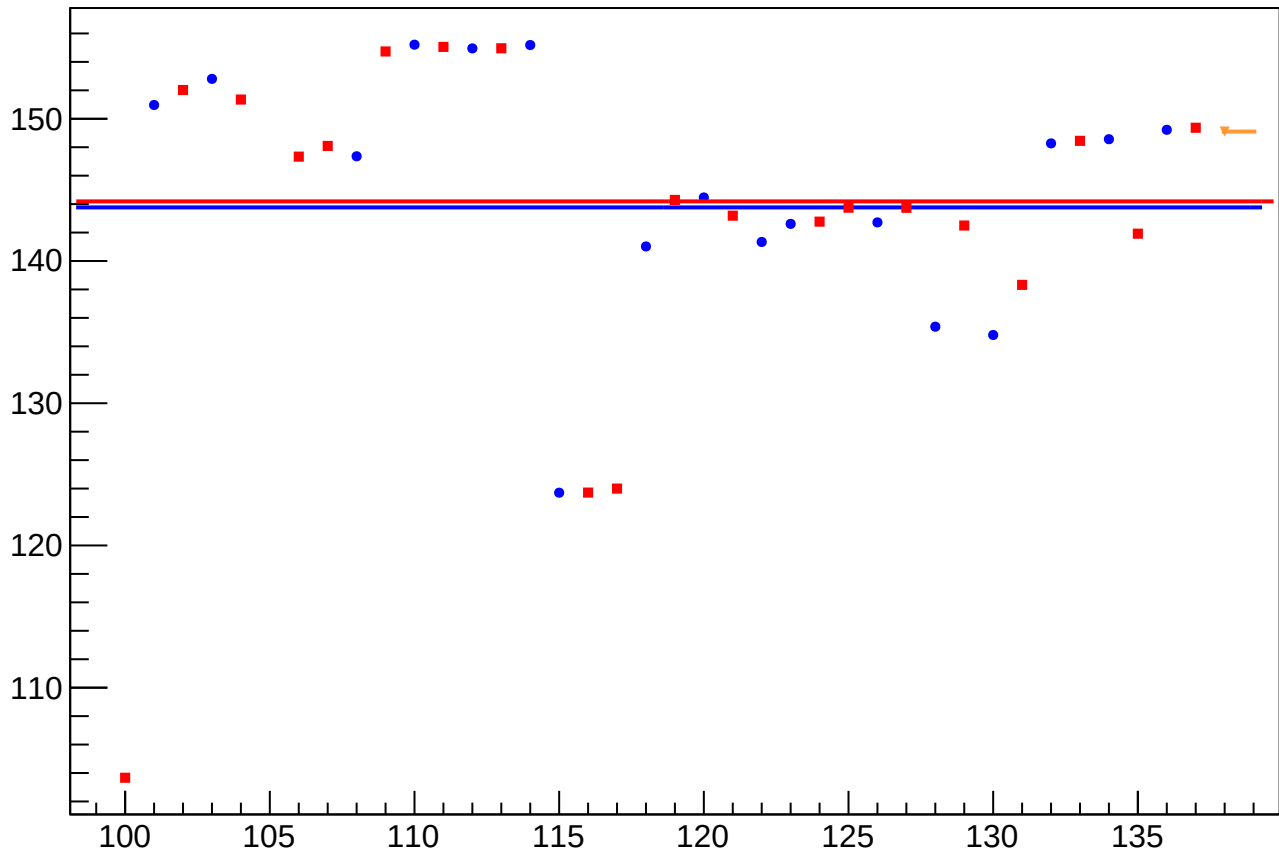
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.212+/-0.009 χ^2/NDF : 3015088.2/17

31.099+/-0.007 χ^2/NDF : 6474441.6/37

30.970+/-0.010 χ^2/NDF : 3459018.8/19

yield_bcm_an_ds_mean vs Slug, Sign Corrected



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

Left Out: 149.101+/-0.000 χ^2/NDF : 0.0/0

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

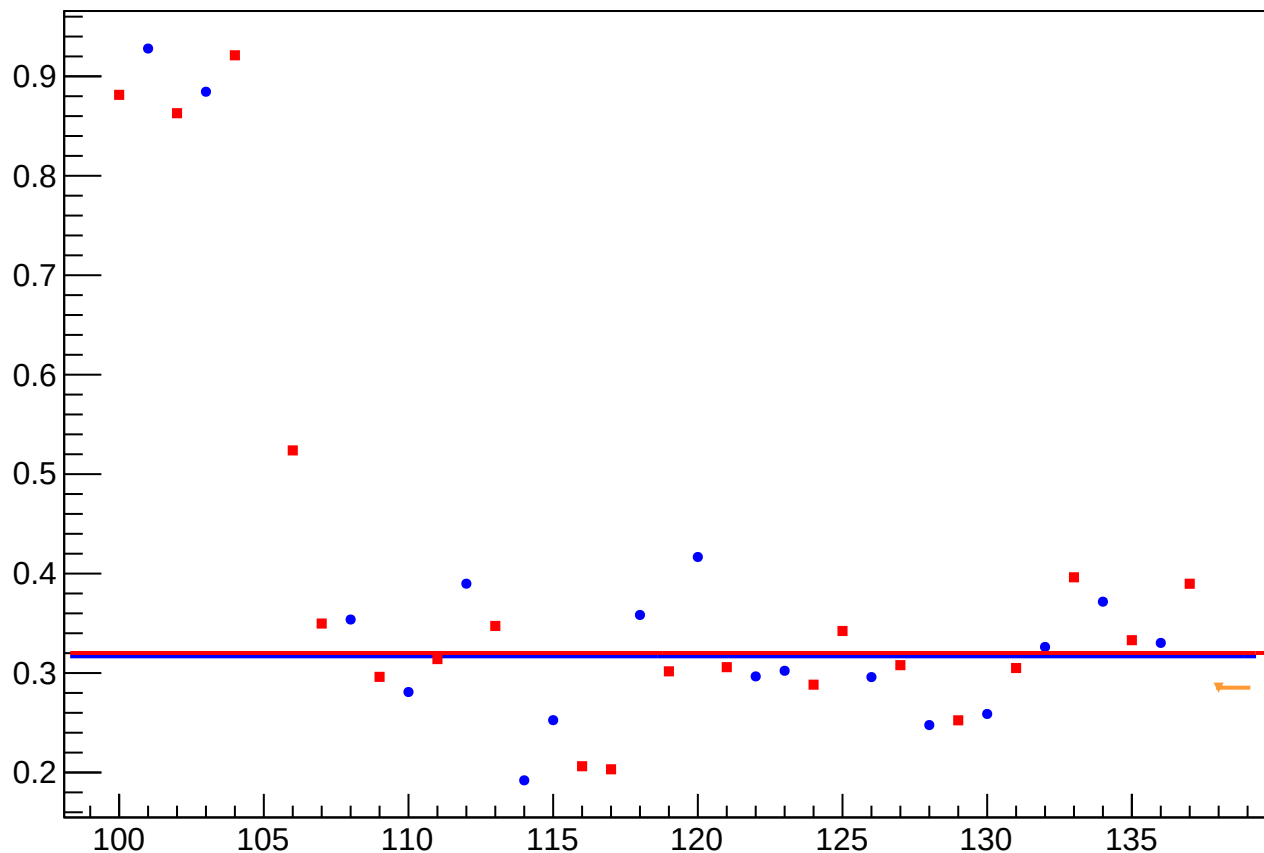
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

144.351+/-0.000 χ^2/NDF : 8274024284.1/19

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

yield_bcm_an_ds_rms vs Slug, Sign Corrected



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

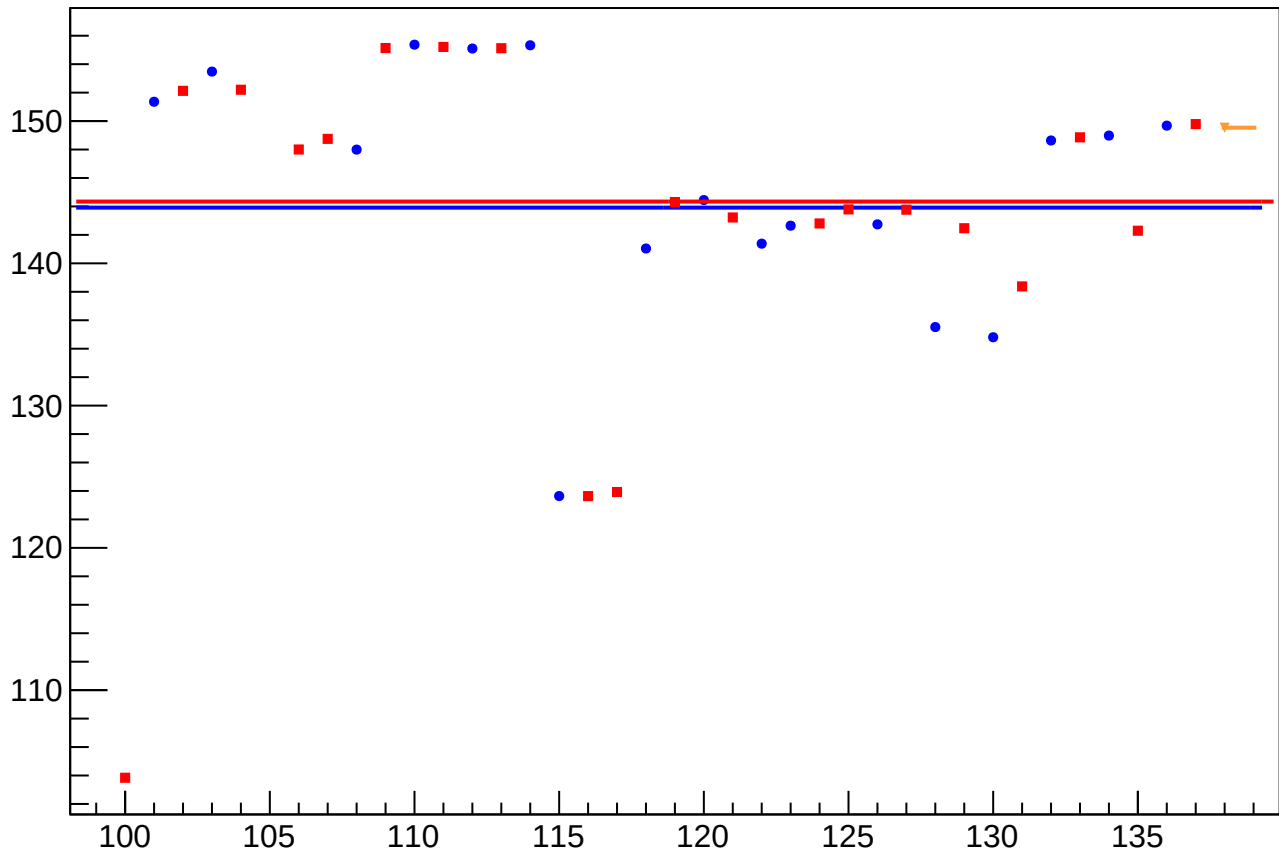
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1293647.8/17

0.316+/-0.000 χ^2/NDF : 2537782.4/37

0.320+/-0.000 χ^2/NDF : 1240600.2/19

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



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

Left Out: 149.535+/-0.000 χ^2/NDF : 0.0/0

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

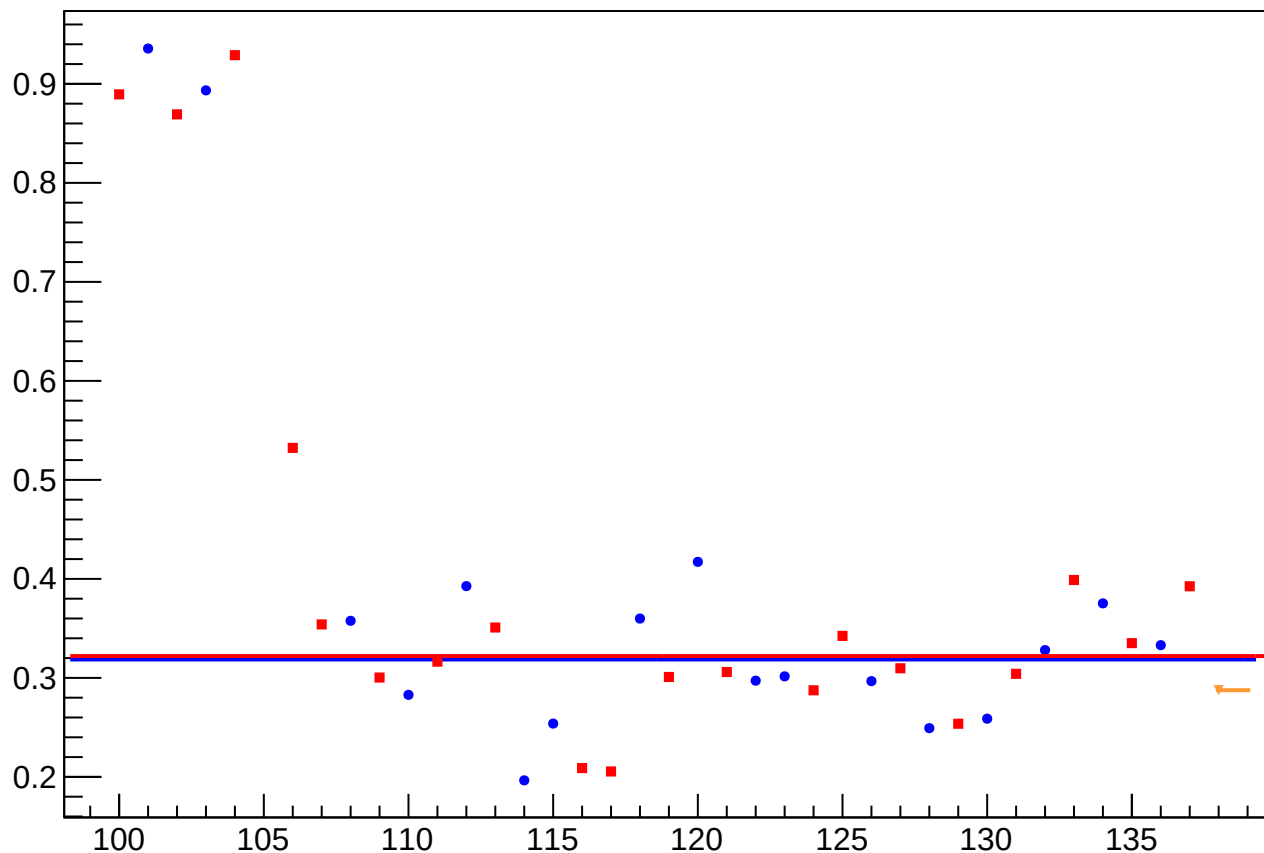
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

144.519+/-0.000 χ^2/NDF : 8374513385.4/17

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

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 1280748.9/16

Left Out: 0.288+/-0.000 χ^2/NDF : 0.0/0

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

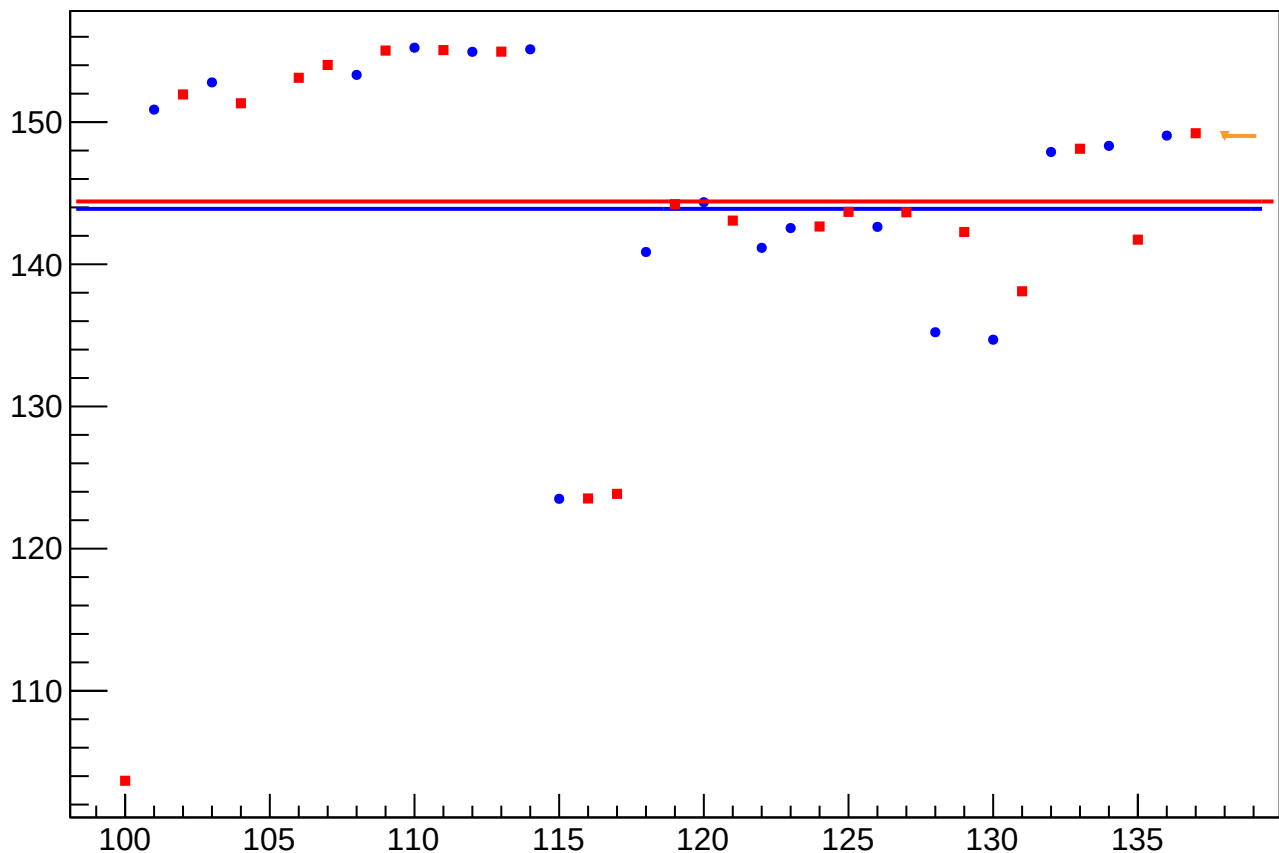
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.314+/-0.000 χ^2/NDF : 1295084.4/17

0.318+/-0.000 χ^2/NDF : 2541676.7/37

0.322+/-0.000 χ^2/NDF : 1243109.0/19

yield_bcm_an_us_mean vs Slug, Sign Corrected



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

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

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

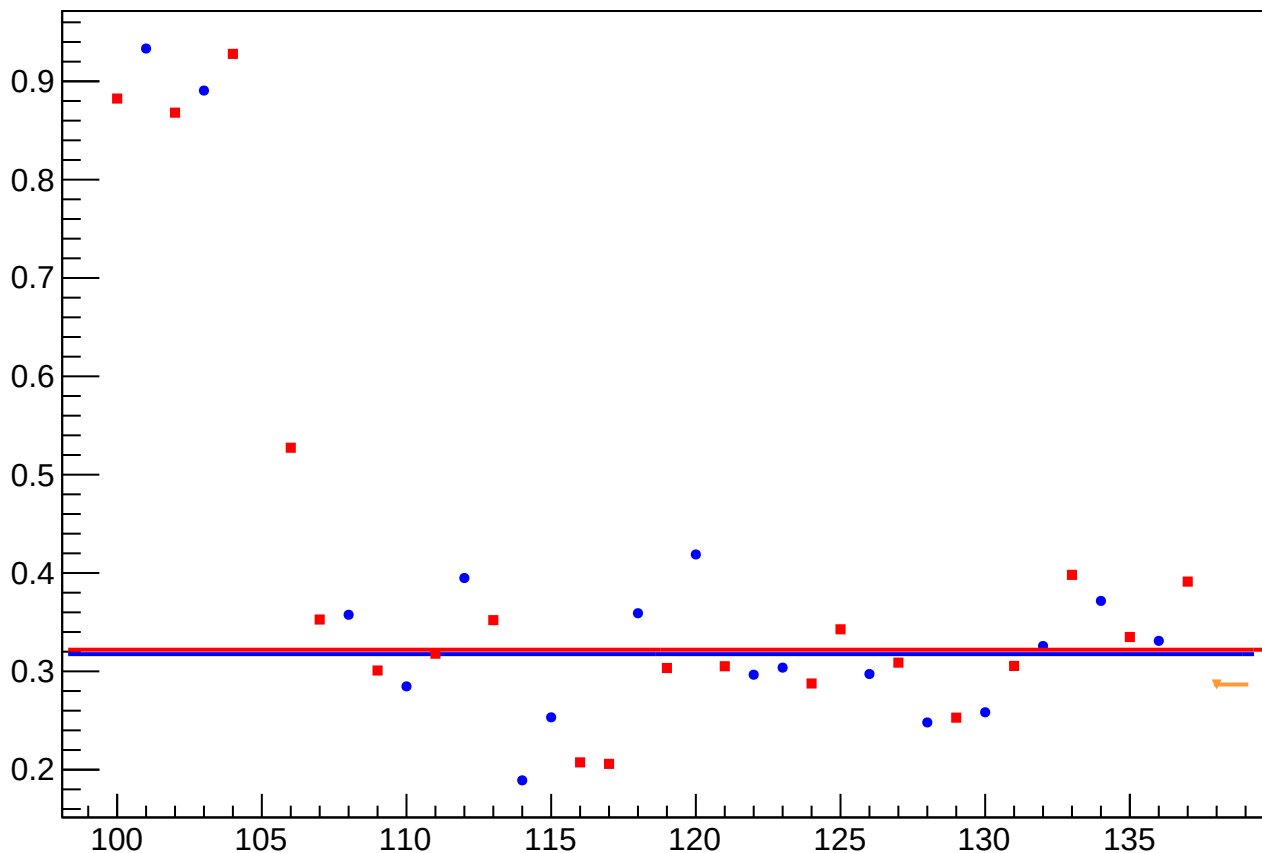
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

144.511+/-0.000 χ^2/NDF : 8768141588.5/17

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

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1293179.2/16

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

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

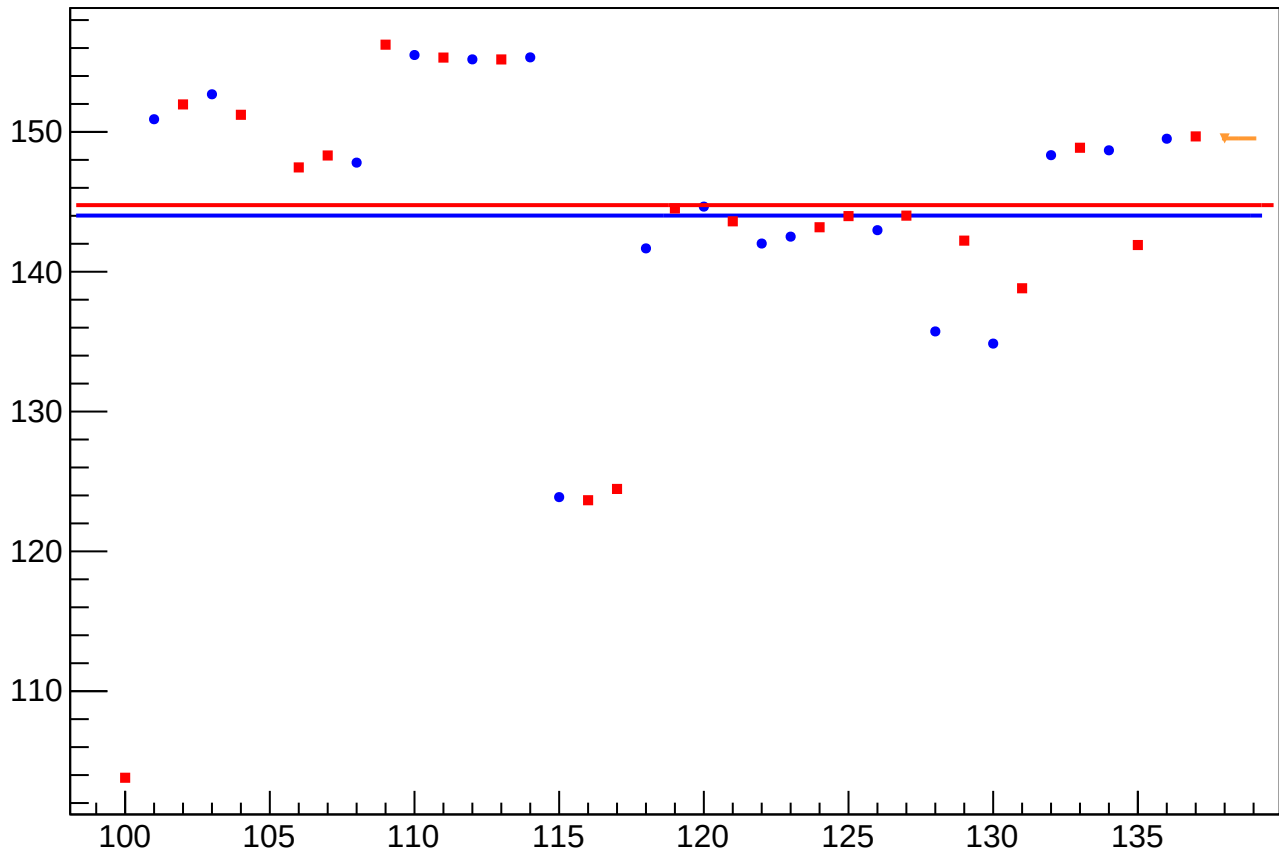
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.313+/-0.000 χ^2/NDF : 1307465.2/17

0.317+/-0.000 χ^2/NDF : 2555703.5/37

0.322+/-0.000 χ^2/NDF : 1243703.4/19

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.018 $\pm$ 0.000 χ^2 /NDF: 3238525527.6/16

Left Out: 149.536 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.764 $\pm$ 0.000 χ^2 /NDF: 4098462011.9/19

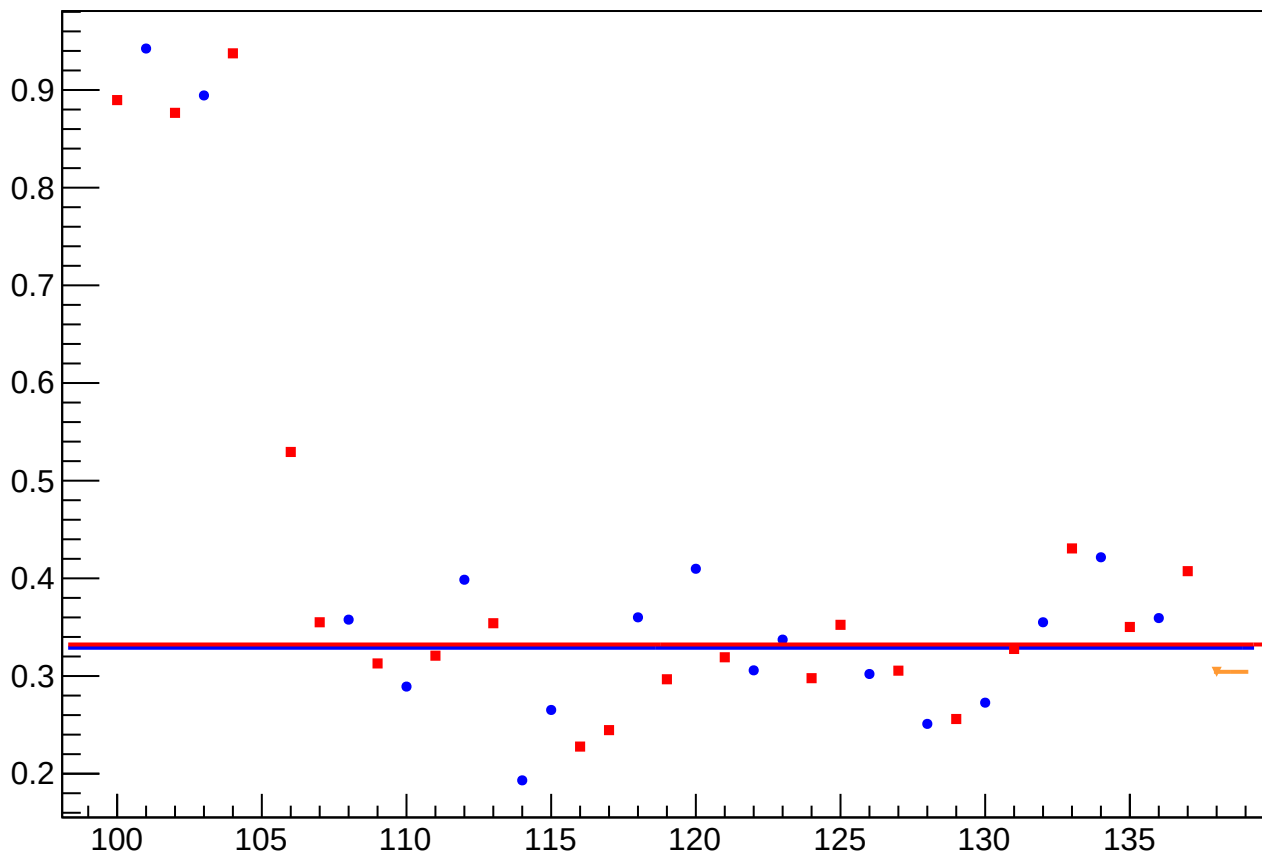
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144.727 $\pm$ 0.000 χ^2 /NDF: 3439694788.5/17

144.744 $\pm$ 0.000 χ^2 /NDF: 7538194176.8/17

144.764 $\pm$ 0.000 χ^2 /NDF: 4098462011.9/19

yield_bcm_dg_us_rms vs Slug, Sign Corrected



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

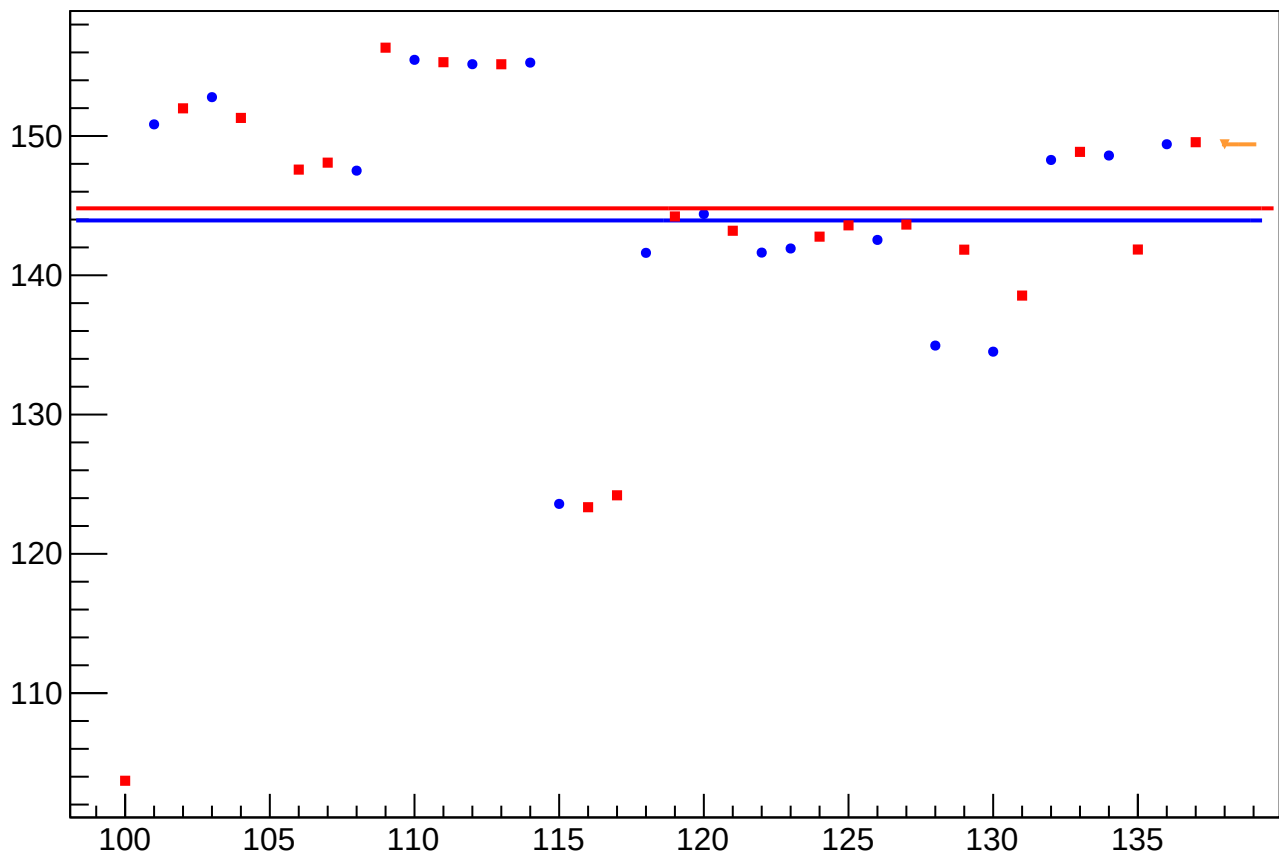
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.326+/-0.000 χ^2/NDF : 1284148.4/17

0.329+/-0.000 χ^2/NDF : 2478149.9/37

0.332+/-0.000 χ^2/NDF : 1191637.2/19

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.937+/-0.000 χ^2/NDF : 3379203532.9/16

Left Out: 149.401+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.806+/-0.000 χ^2/NDF : 4139087143.3/19

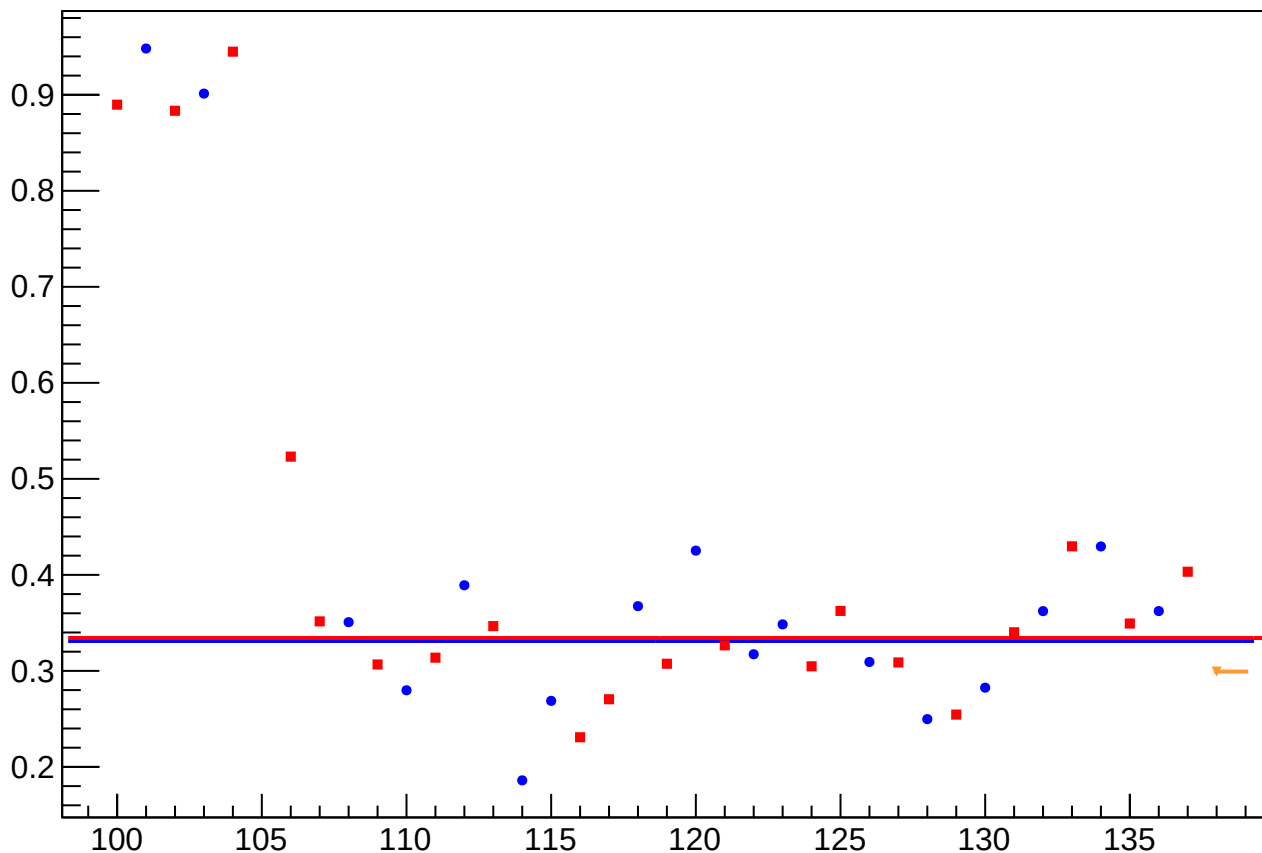
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.667+/-0.000 χ^2/NDF : 3580780492.9/17

144.733+/-0.000 χ^2/NDF : 7720396532.8/17

144.806+/-0.000 χ^2/NDF : 4139087143.3/19

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331+/-0.000 χ^2/NDF : 1295749.0/16

Left Out: 0.299+/-0.000 χ^2/NDF : 0.0/0

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

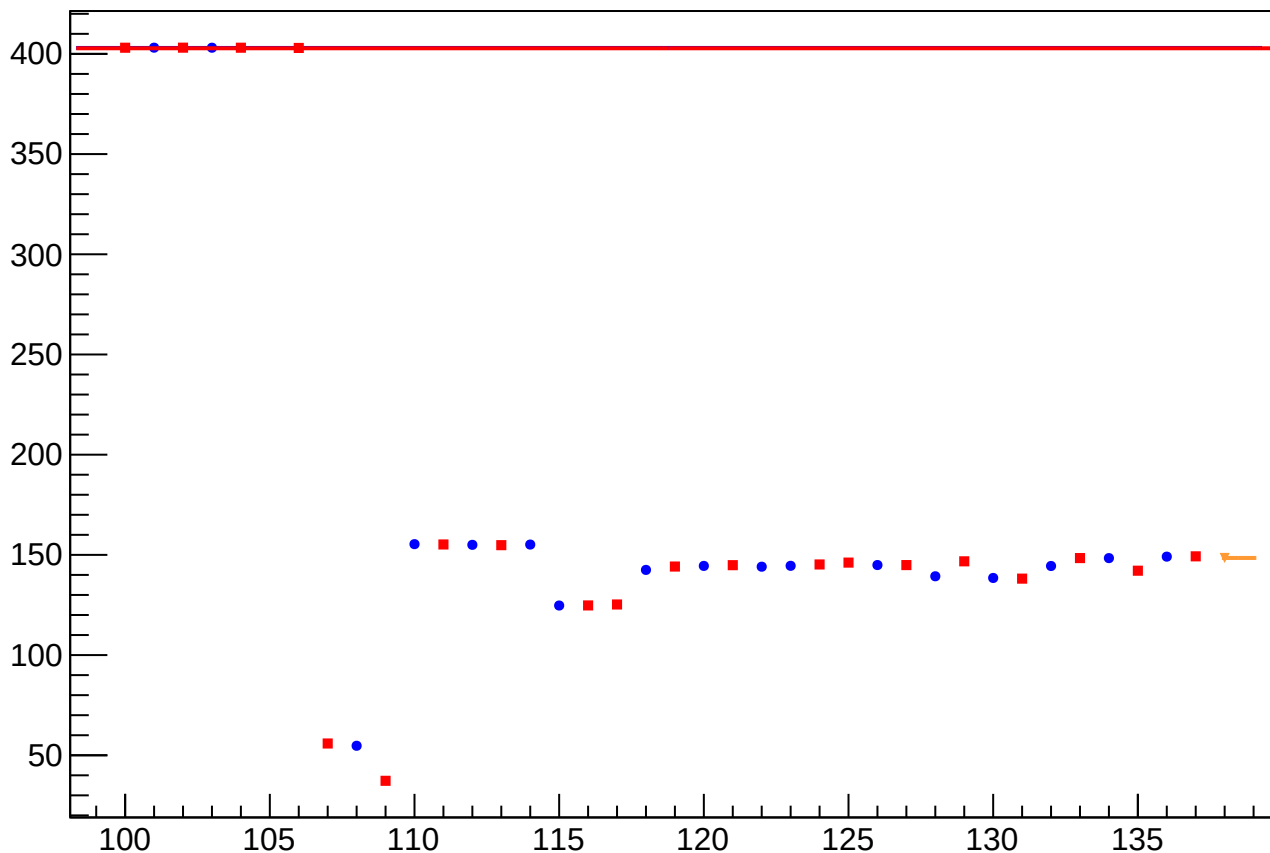
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.327+/-0.000 χ^2/NDF : 1309493.7/17

0.330+/-0.000 χ^2/NDF : 2488638.7/37

0.334+/-0.000 χ^2/NDF : 1176170.4/19

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.957 $\pm$ 0.000 χ^2 /NDF: 1096710296821.6/16

Left Out: 148.463 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 402.797 $\pm$ 0.000 χ^2 /NDF: 3122752044607.2/19

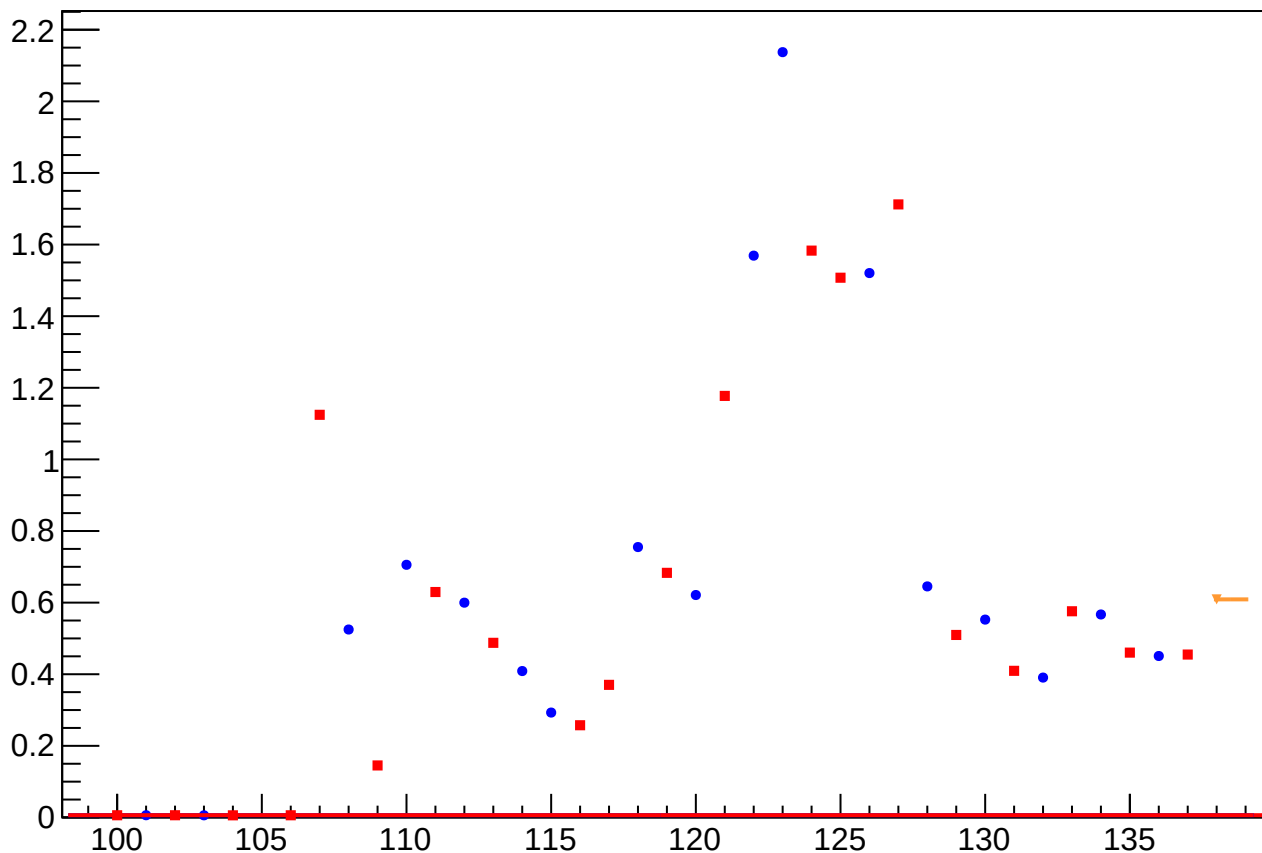
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

402.944 $\pm$ 0.000 χ^2 /NDF: 1203309675408.9/17

402.866 $\pm$ 0.000 χ^2 /NDF: 432642003054

402.797 $\pm$ 0.000 χ^2 /NDF: 3122752044607.2/19

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9161050.1/16

Left Out: 0.609+/-0.001 χ^2/NDF : 0.0/0

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

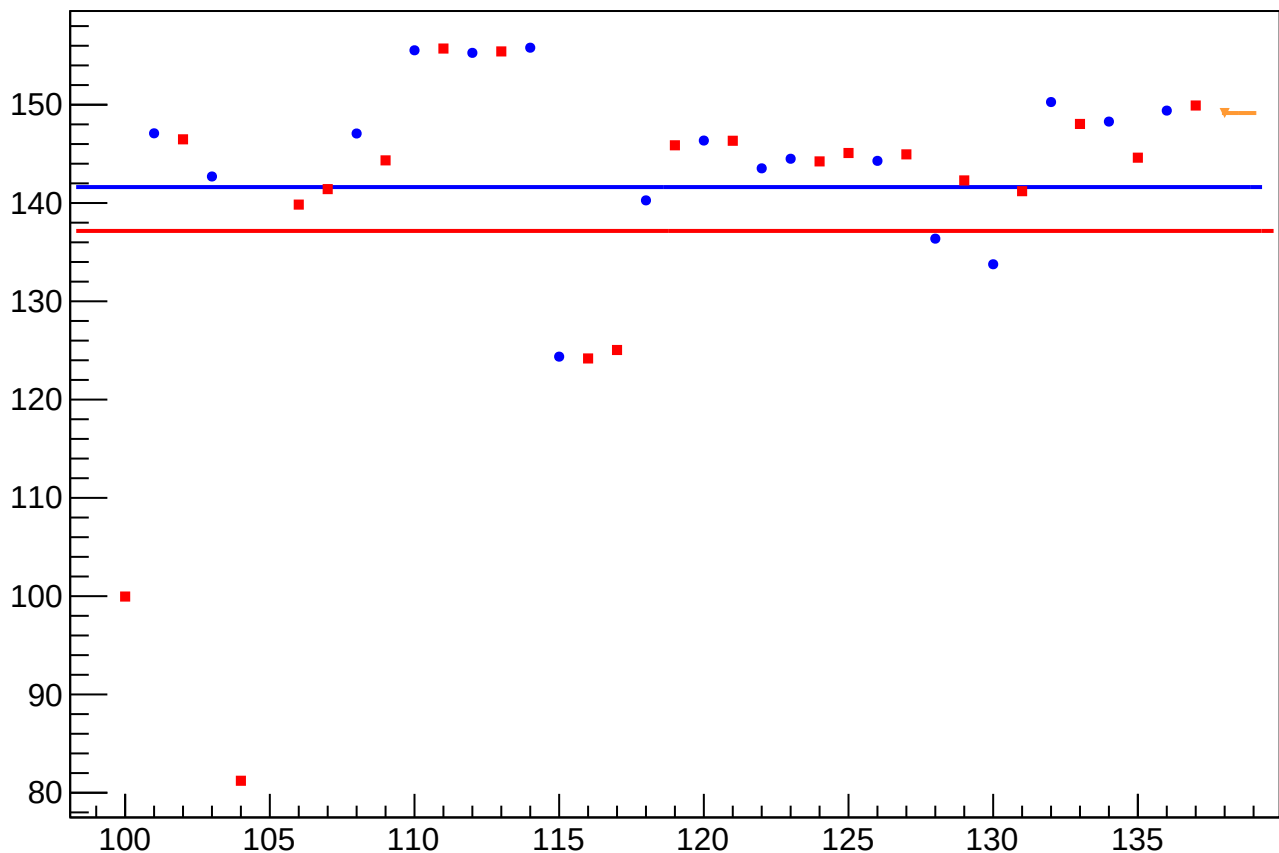
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 10356894.8/17

0.006+/-0.000 χ^2/NDF : 19634239.6/37

0.006+/-0.000 χ^2/NDF : 9277290.2/19

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

Left Out: 149.155 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

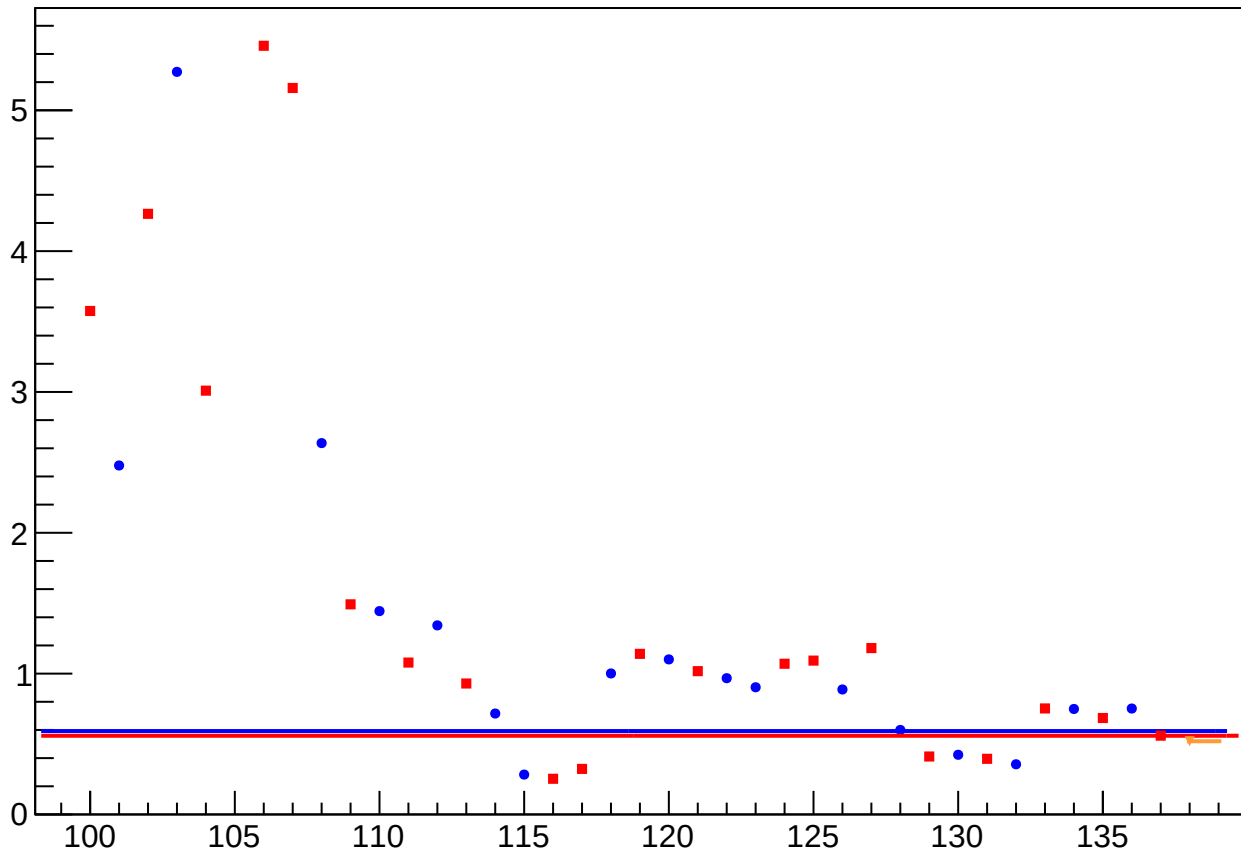
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

142.551 $\pm$ 0.000 χ^2 /NDF: 1052854071.4/17

139.926 $\pm$ 0.000 χ^2 /NDF: 2581951133.7/17

137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.592 $\pm$ 0.000 χ^2 /NDF: 3521577.2/16

Left Out: 0.520 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Right Out: 0.559 $\pm$ 0.000 χ^2 /NDF: 4719868.1/19

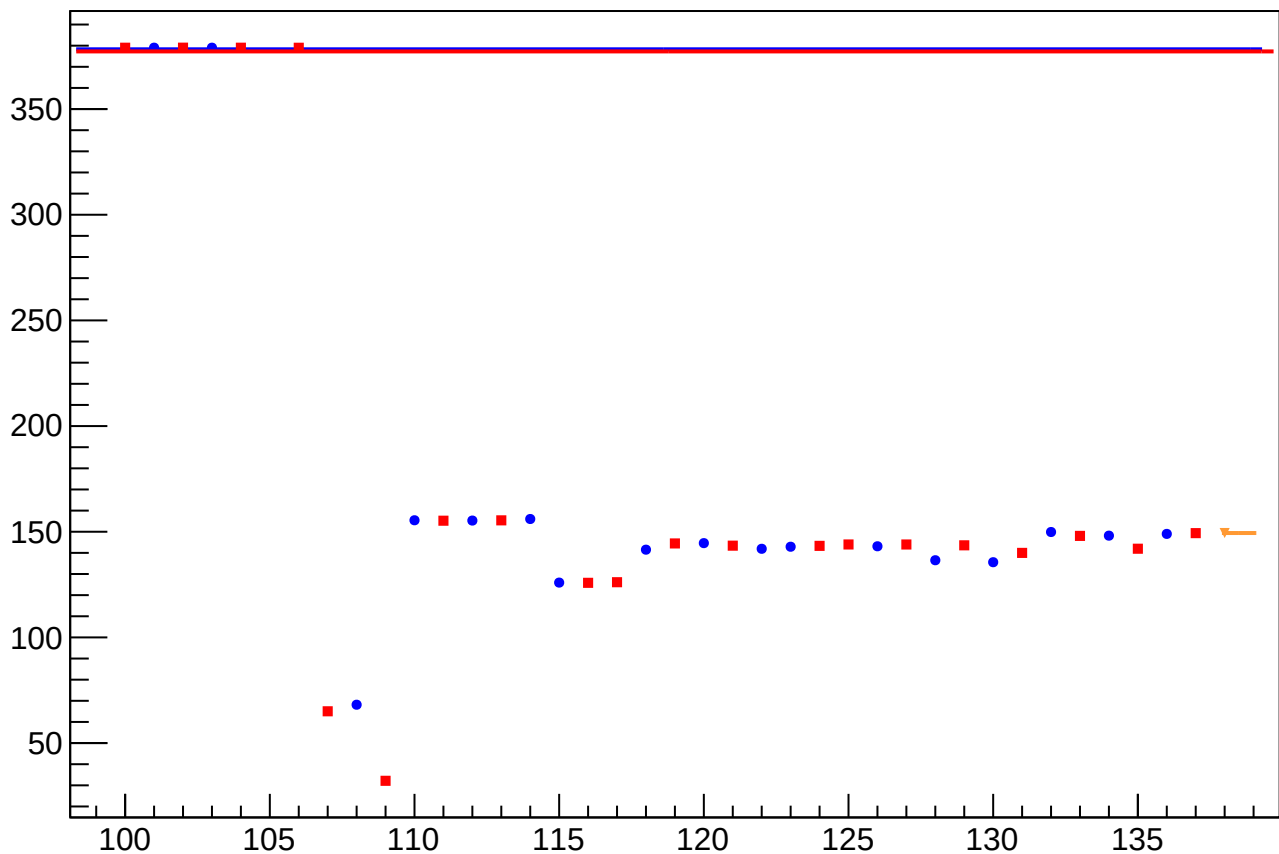
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.583 $\pm$ 0.000 χ^2 /NDF: 3534645.7/17

0.571 $\pm$ 0.000 χ^2 /NDF: 8261251.2/37

0.559 $\pm$ 0.000 χ^2 /NDF: 4719868.1/19

yield_cav4dQ_mean vs Slug, Sign Corrected



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

Left Out: 149.394+/-0.000 χ^2/NDF : 0.0/0

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

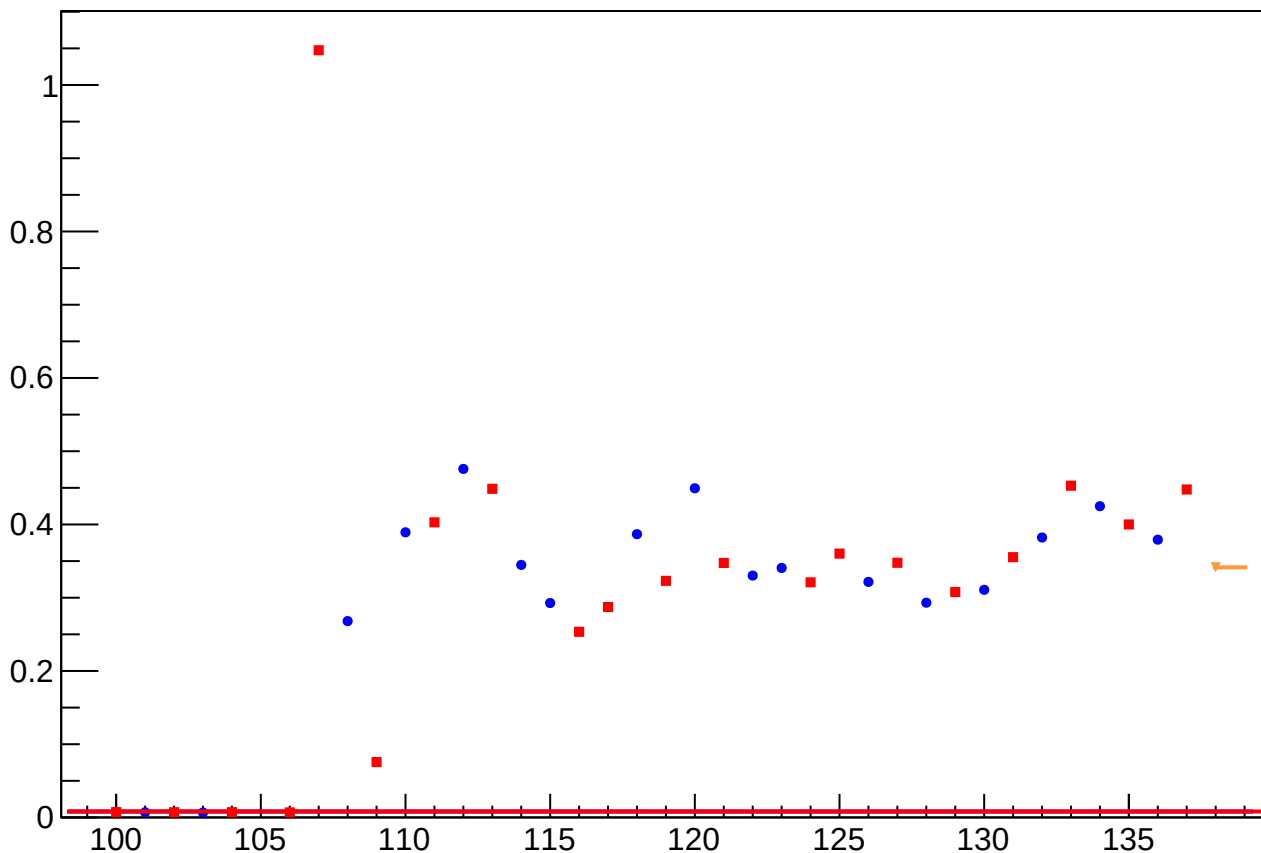
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.175+/-0.000 χ^2/NDF : 2835550336759.5/17

377.700+/-0.000 χ^2/NDF : 111476183147

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

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 9885759.8/16

Left Out: 0.342+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 9601959.4/19

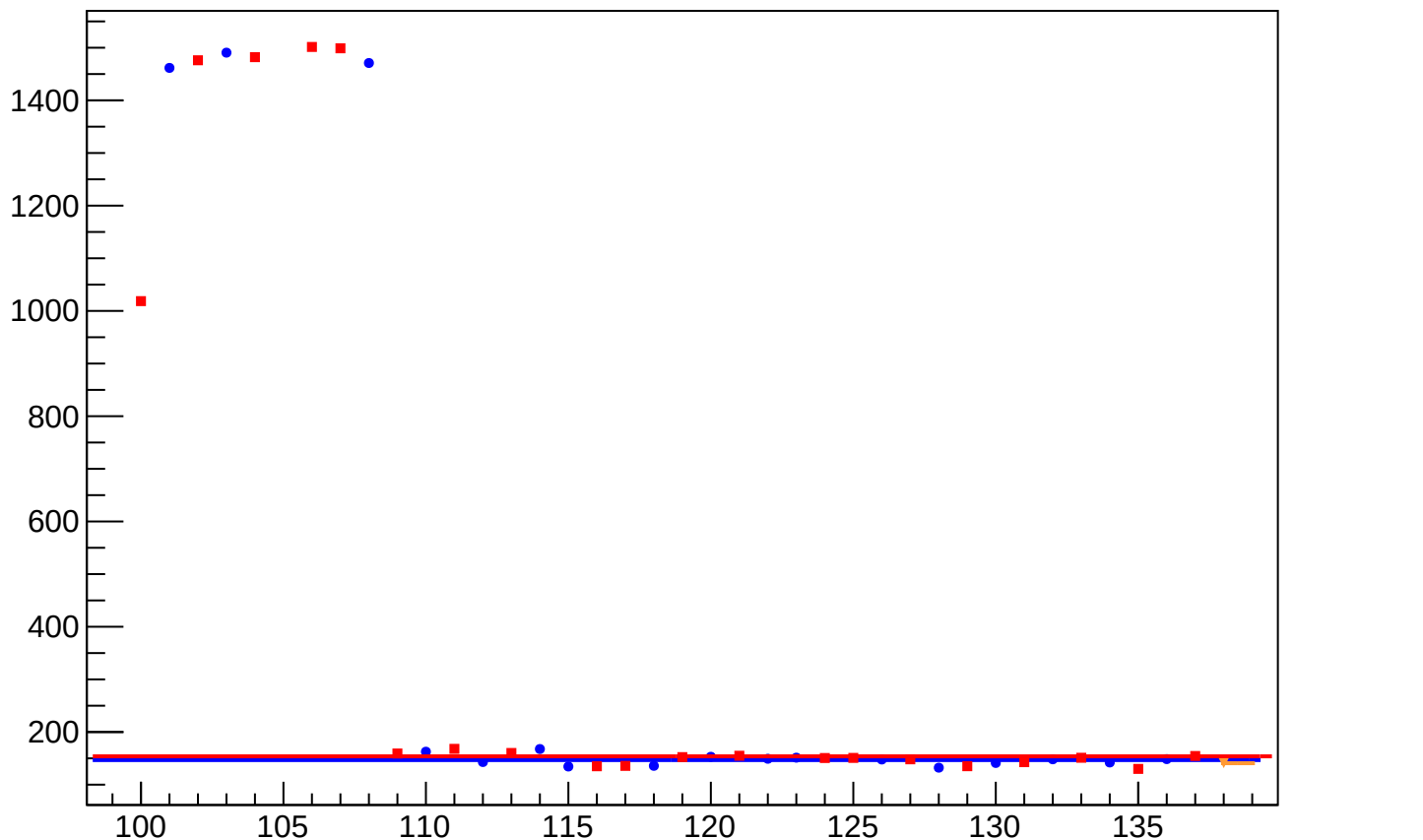
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 11257676.6/17

0.008+/-0.000 χ^2/NDF : 20859865.1/37

0.008+/-0.000 χ^2/NDF : 9601959.4/19

yield_bcm0l02_mean vs Slug, Sign Corrected



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

Left Out: 140.764+/-0.001 χ^2/NDF : 0.0/0

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

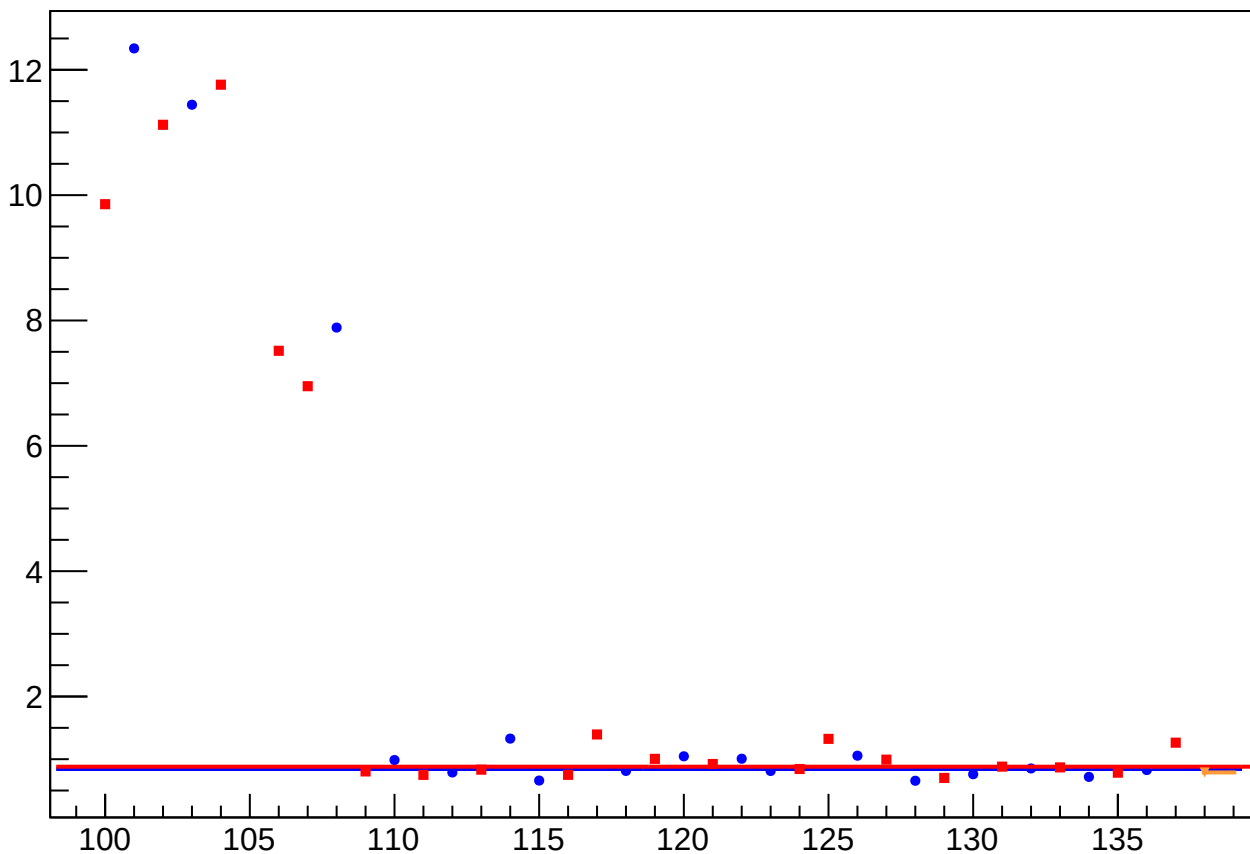
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.988+/-0.000 χ^2/NDF : 24374328960.4/17

149.629+/-0.000 χ^2/NDF : 58293297790.3

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

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.844+/-0.000 χ^2/NDF : 2670470.7/16

Left Out: 0.789+/-0.001 χ^2/NDF : 0.0/0

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

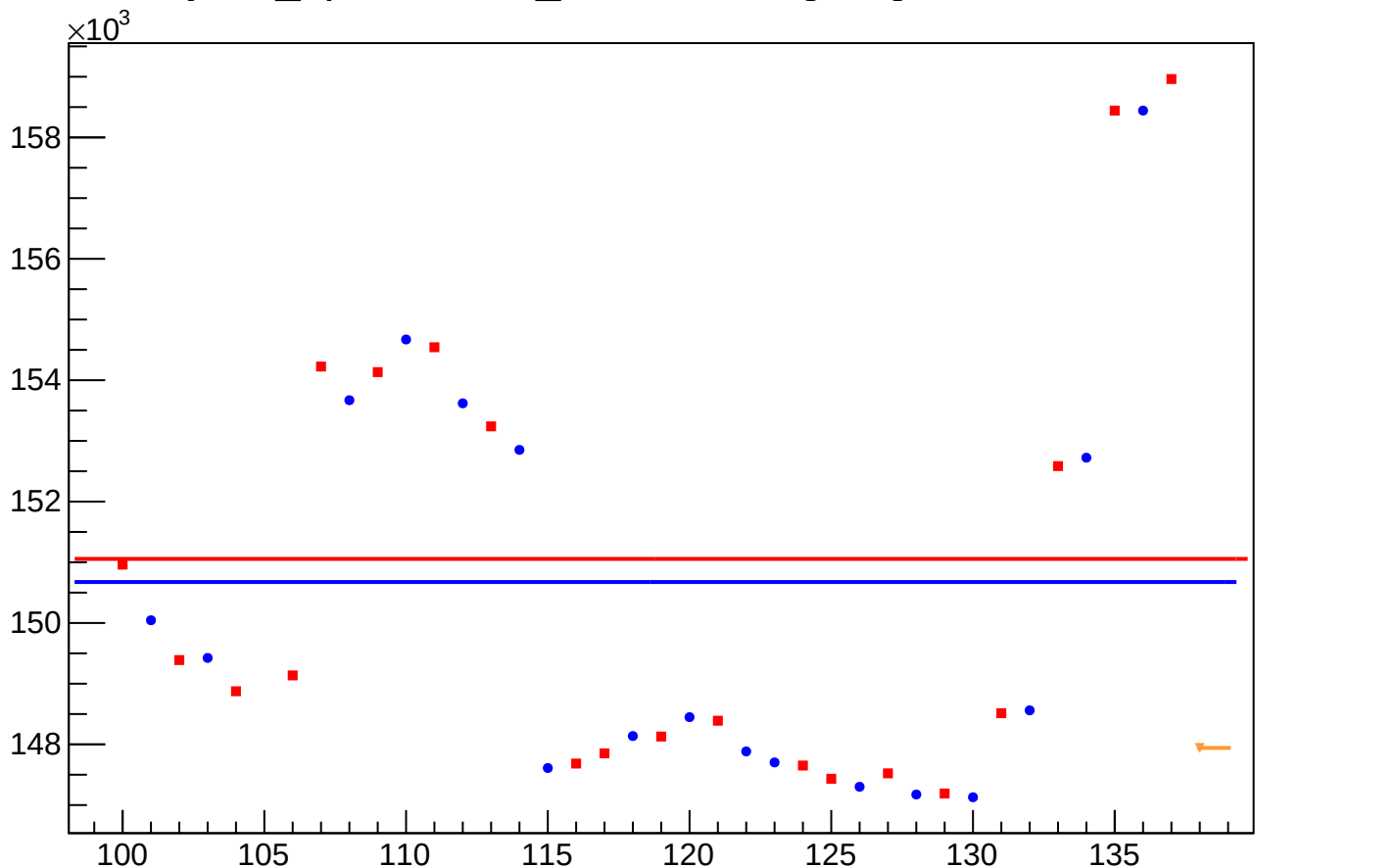
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.837+/-0.000 χ^2/NDF : 2674471.7/17

0.857+/-0.000 χ^2/NDF : 5508425.0/37

0.880+/-0.000 χ^2/NDF : 2823230.1/19

yield_bpm0i01WS_mean vs Slug, Sign Corrected



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

Left Out: 147941.449 $\pm$ 0.211 χ^2 /NDF: 0.0/0

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

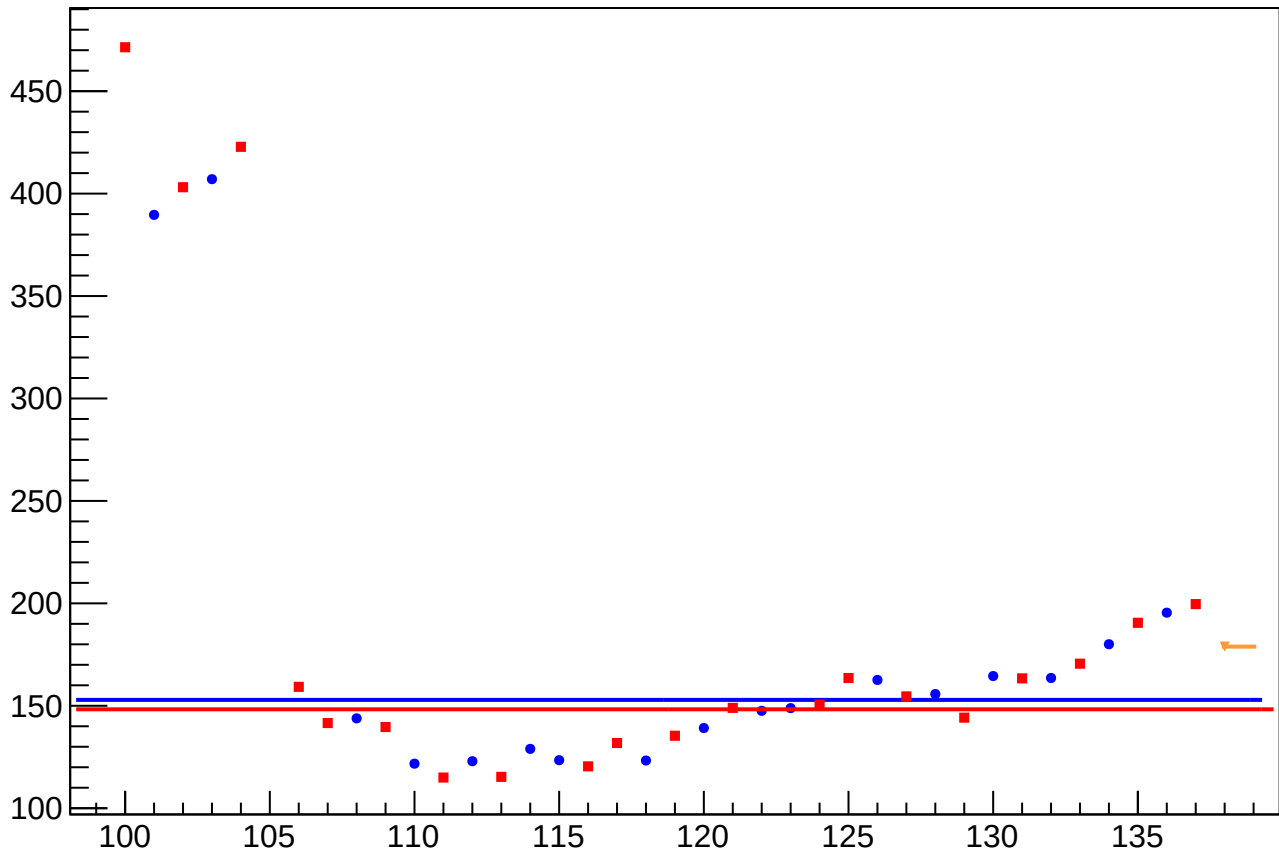
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150452.040 $\pm$ 0.060 χ^2 /NDF: 3463739937.3/17

150758.576 $\pm$ 0.042 χ^2 /NDF: 684011312

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

yield_bpm0i01WS_rms vs Slug, Sign Corrected



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

Left Out: 178.888+/-0.149 χ^2/NDF : 0.0/0

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

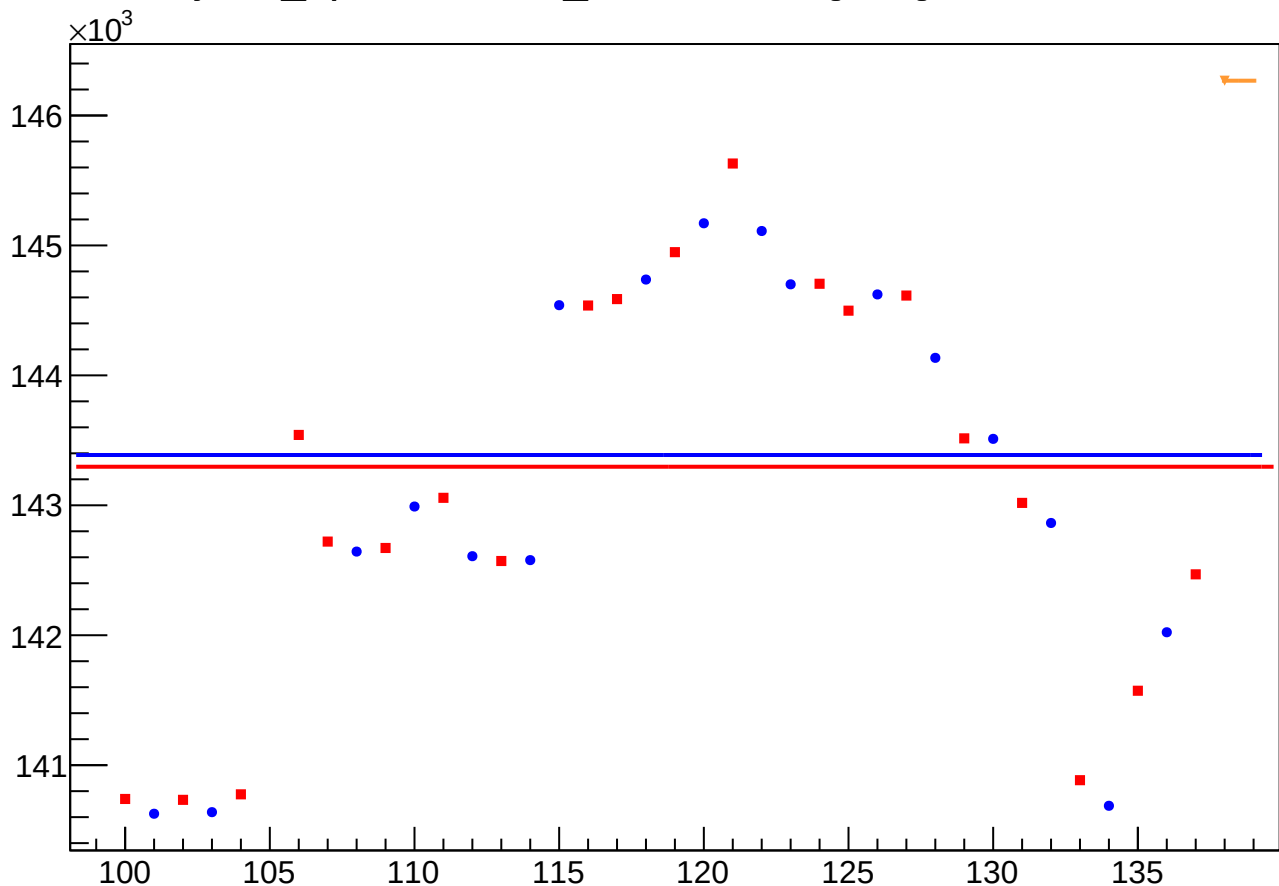
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.004+/-0.043 χ^2/NDF : 1181921.1/17

151.591+/-0.030 χ^2/NDF : 2387413.8/37

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

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

Left Out: 146267.803 $\pm$ 0.211 χ^2 /NDF:0.0/0

143556.314 $\pm$ 0.051 χ^2 /NDF: 696656215.5/17

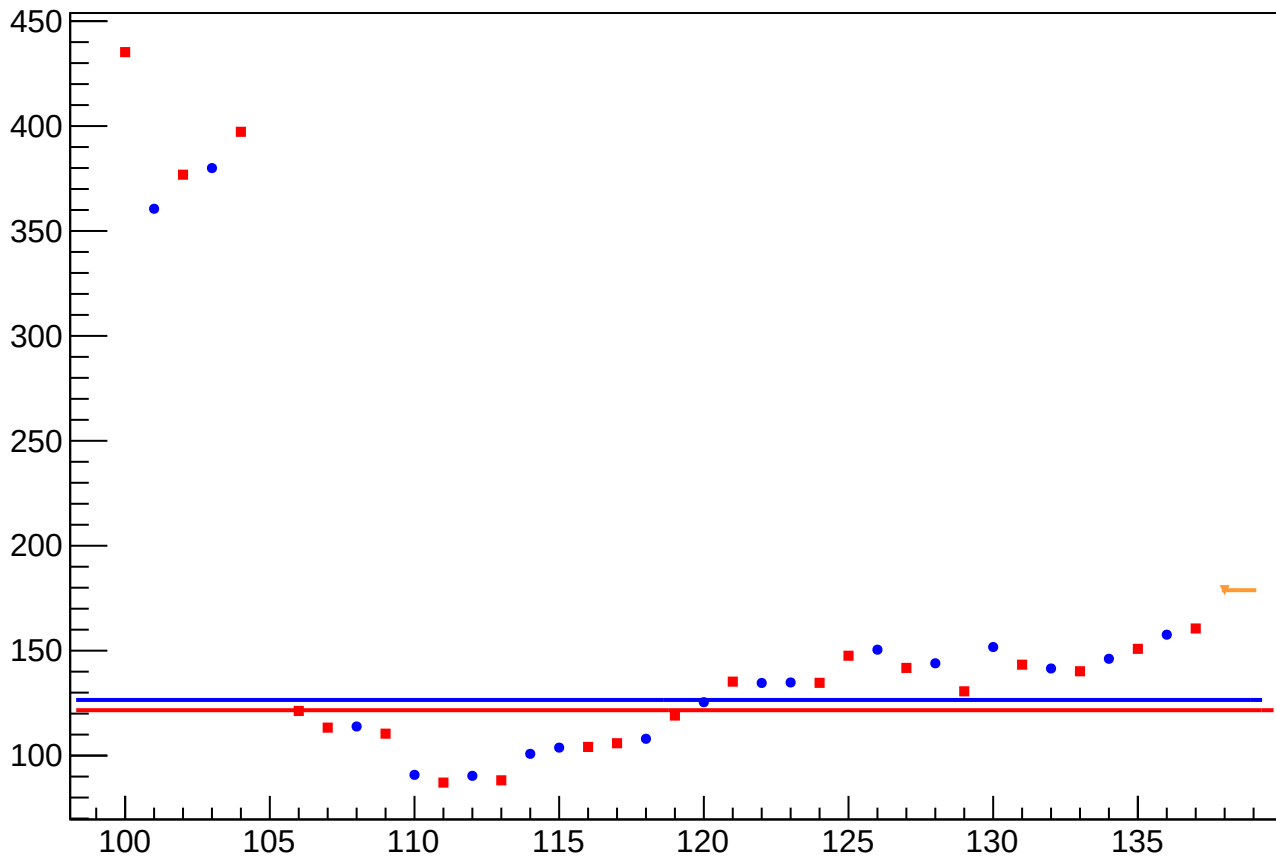
Right Out: 143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

143420.643 $\pm$ 0.035 χ^2 /NDF: 132524728

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

143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



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

Left Out: 178.815 $\pm$ 0.149 χ^2 /NDF:0.0/0

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

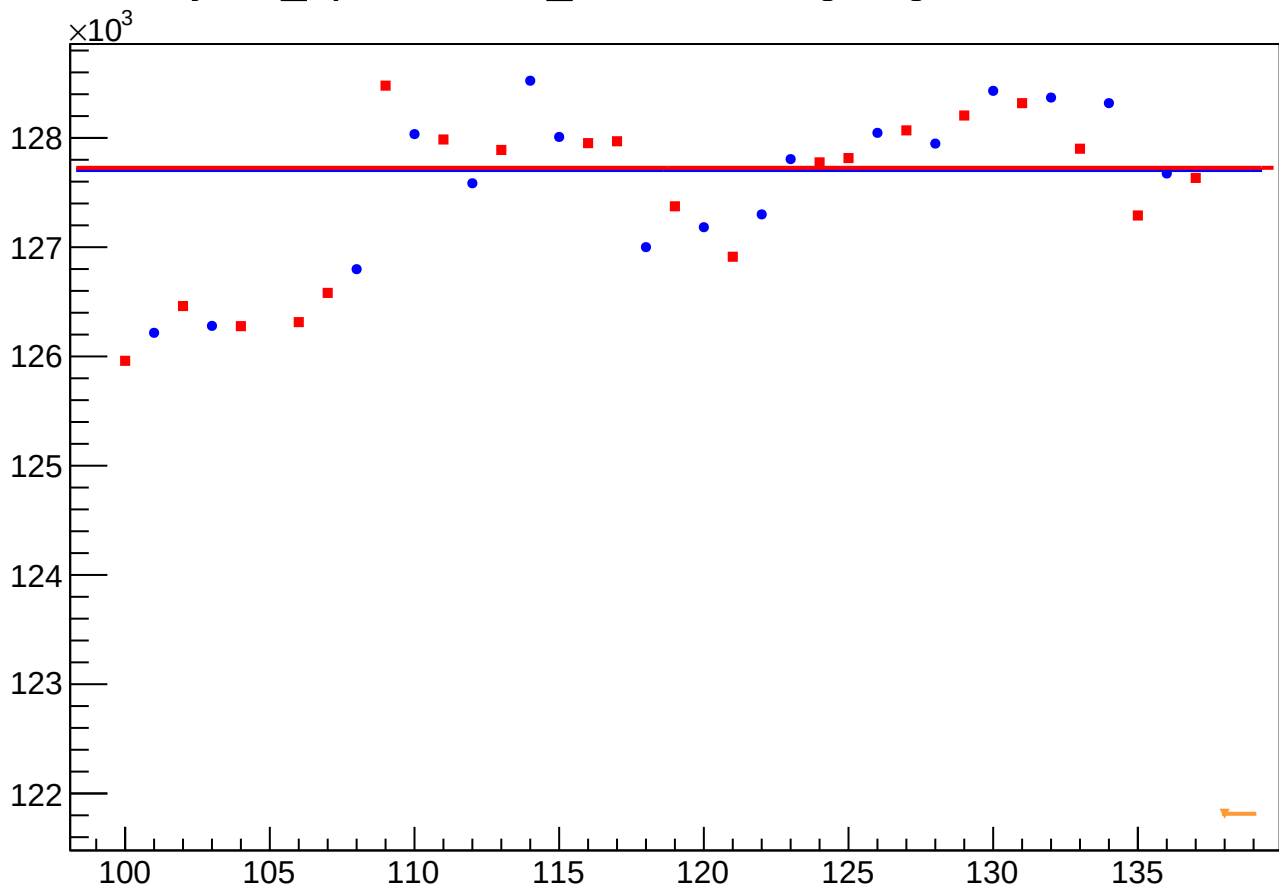
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

129.586 $\pm$ 0.036 χ^2 /NDF: 1557290.1/17

125.425 $\pm$ 0.025 χ^2 /NDF: 3048377.9/37

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

yield_bpm0l01WS_mean vs Slug, Sign Corrected



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

Left Out: 121814.068 $\pm$ 0.180 χ^2 /NDF: 0.0/0

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

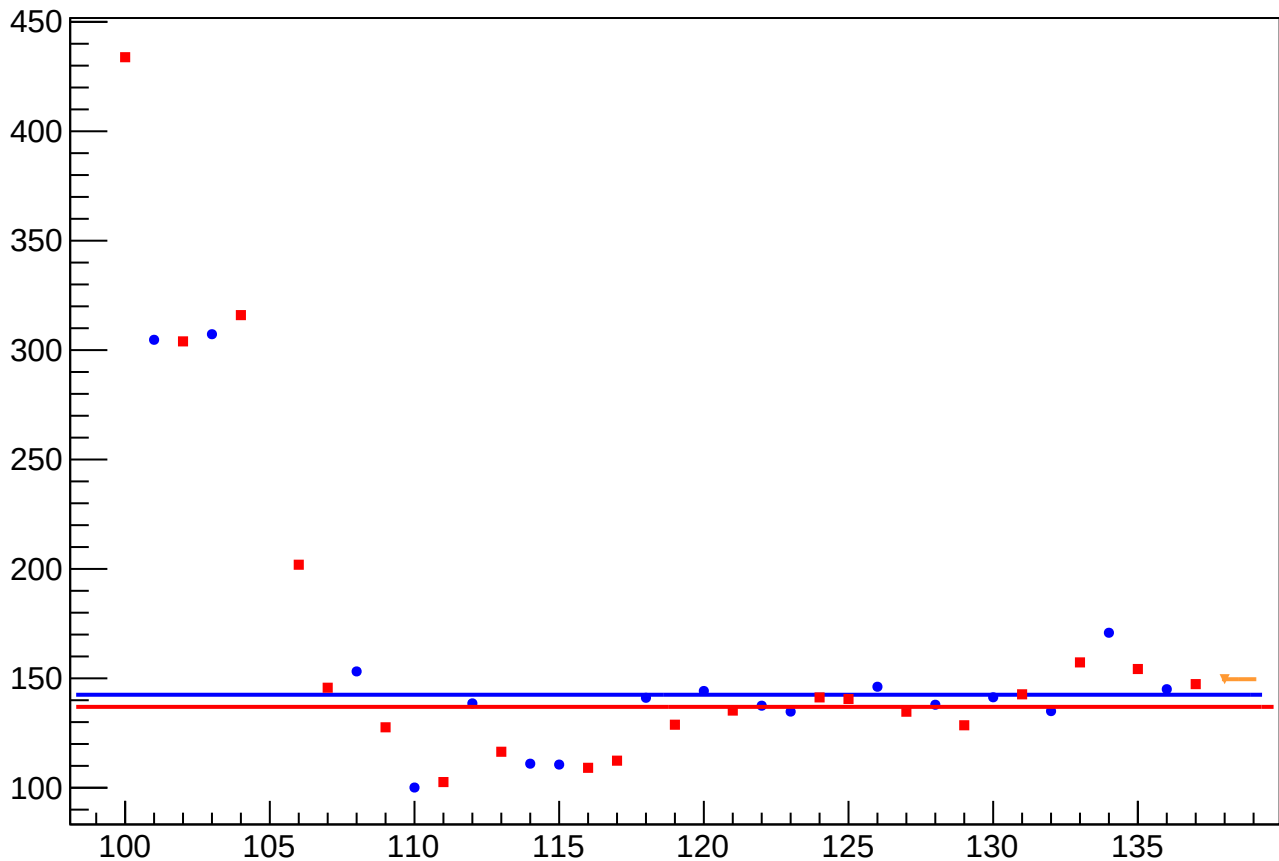
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127149.012 $\pm$ 0.055 χ^2 /NDF: 1071785915.3/17

127443.095 $\pm$ 0.039 χ^2 /NDF: 124026580

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

yield_bpm0l01WS_rms vs Slug, Sign Corrected



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

Left Out: 149.603 $\pm$ 0.127 χ^2 /NDF: 0.0/0

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

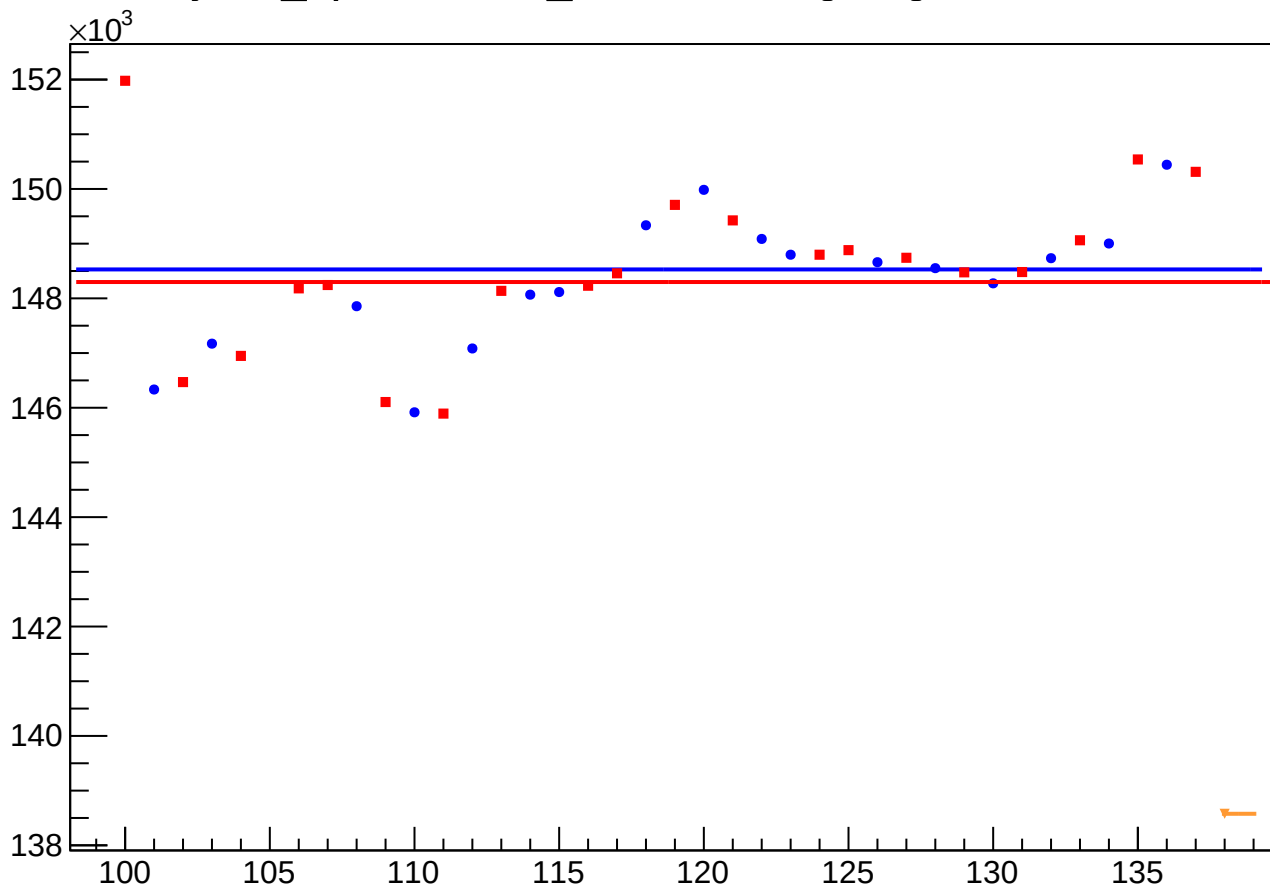
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.173 $\pm$ 0.039 χ^2 /NDF: 839093.4/17

140.012 $\pm$ 0.027 χ^2 /NDF: 1813422.4/37

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

yield_bpm0l02WS_mean vs Slug, Sign Corrected



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

Left Out: 138576.516 $\pm$ 0.277 χ^2 /NDF: 0.0/0

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

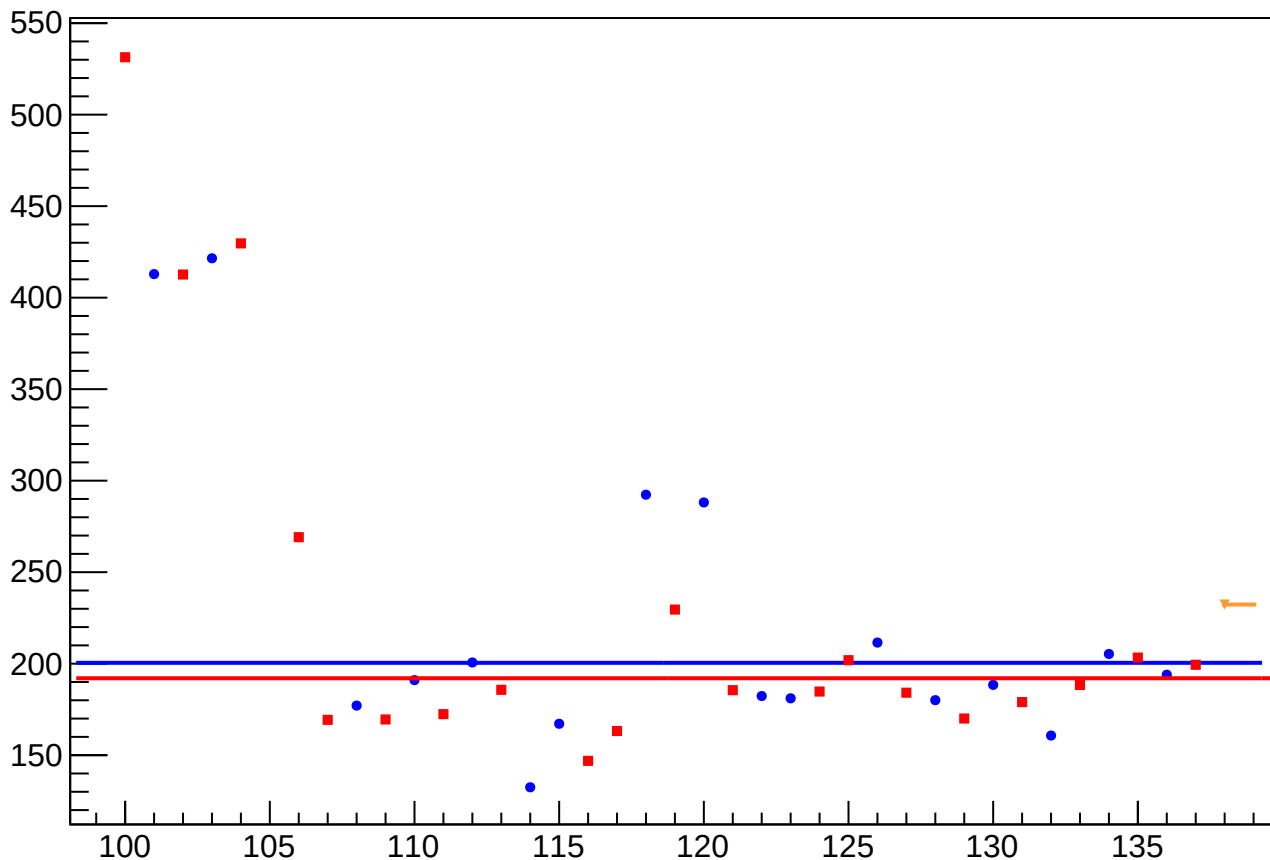
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147724.620 $\pm$ 0.079 χ^2 /NDF: 1398295084.7/17

148021.323 $\pm$ 0.055 χ^2 /NDF: 171908578

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

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 200.472+/-0.058 χ^2/NDF : 936547.2/16

Left Out: 232.316+/-0.196 χ^2/NDF : 0.0/0

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

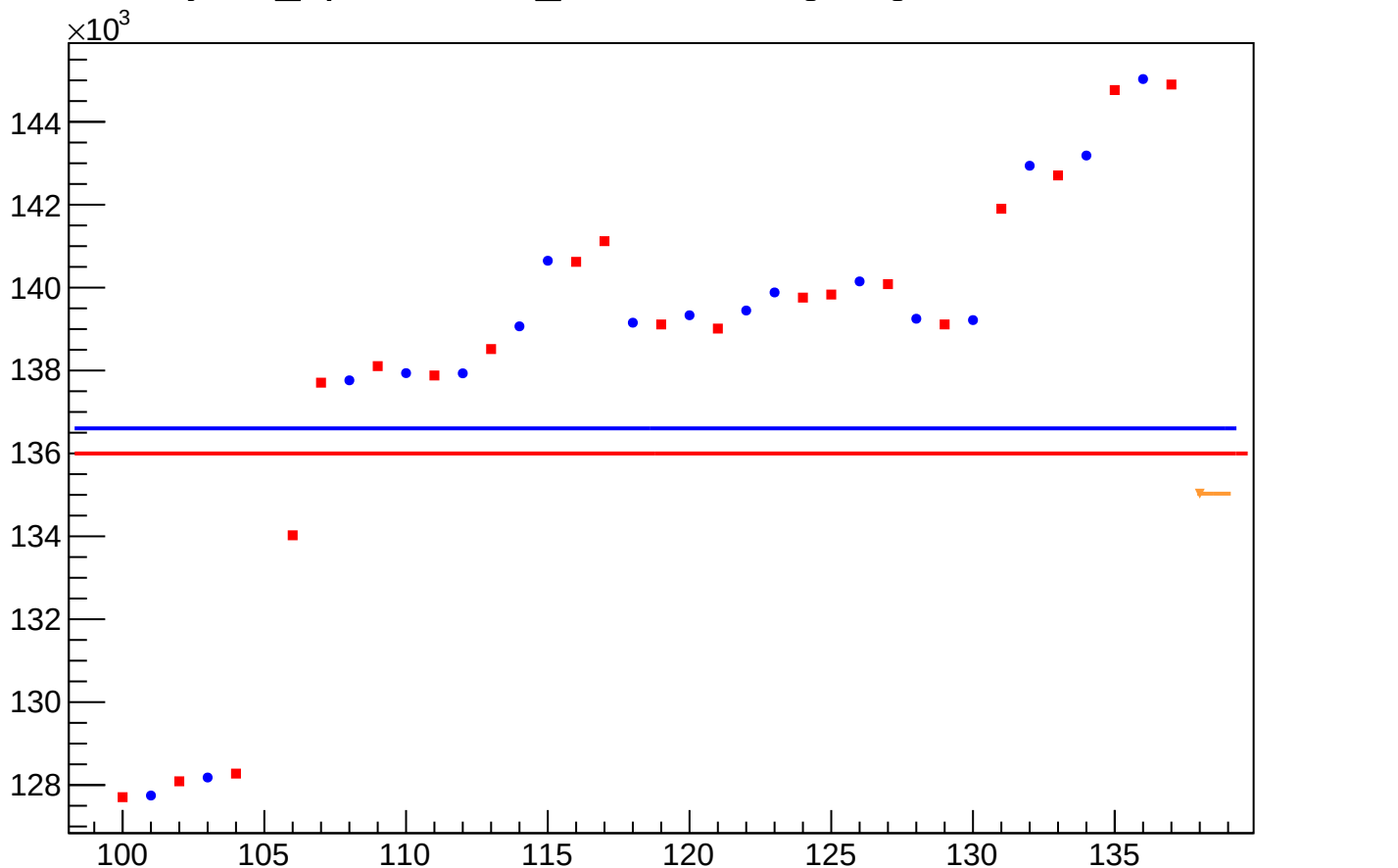
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

203.045+/-0.056 χ^2/NDF : 960878.7/17

197.357+/-0.039 χ^2/NDF : 1828235.9/37

192.040+/-0.054 χ^2/NDF : 847133.0/19

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

Left Out: 135029.475 $\pm$ 0.587 χ^2 /NDF: 0.0/0

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

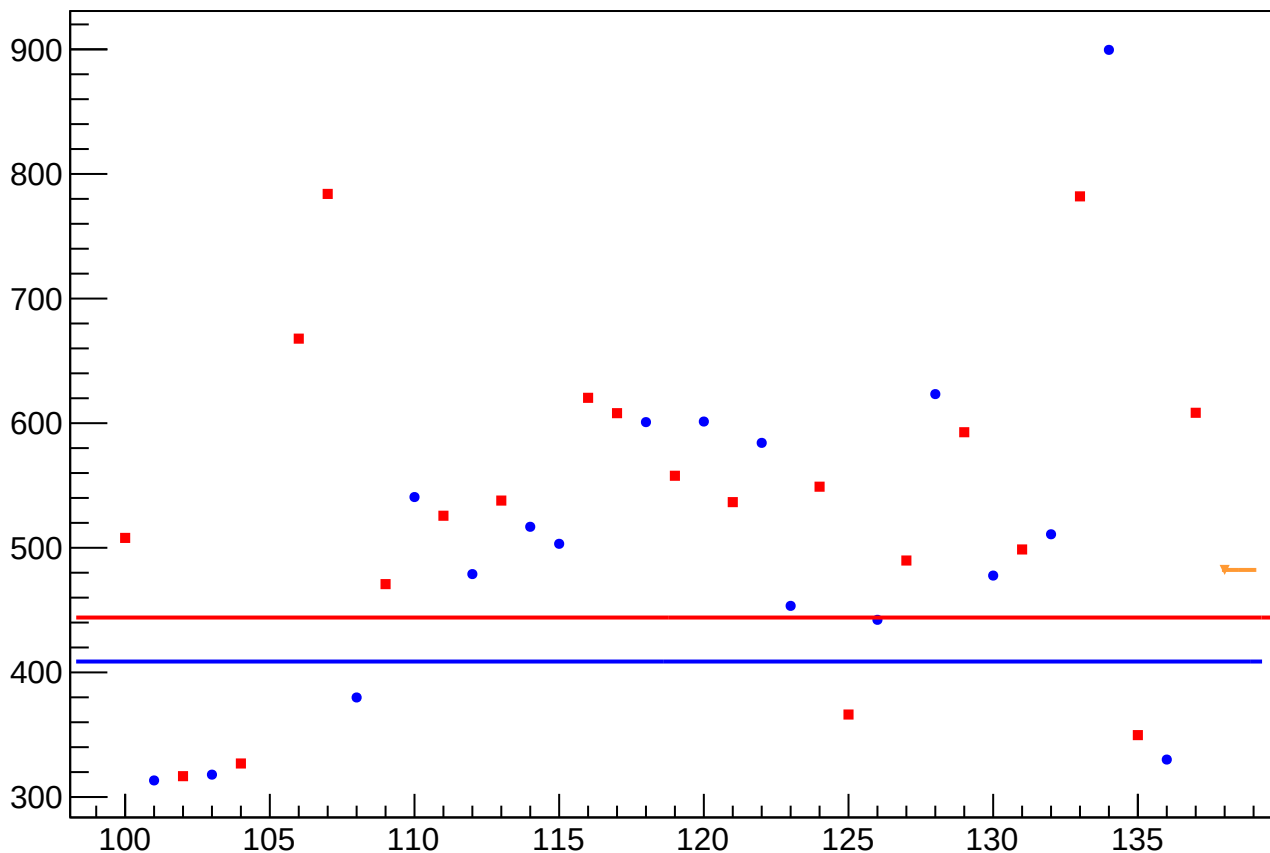
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

136480.863 $\pm$ 0.165 χ^2 /NDF: 1500987694.3/17

136264.566 $\pm$ 0.122 χ^2 /NDF: 258973329

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

yield_bpm0l03WS_rms vs Slug, Sign Corrected



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

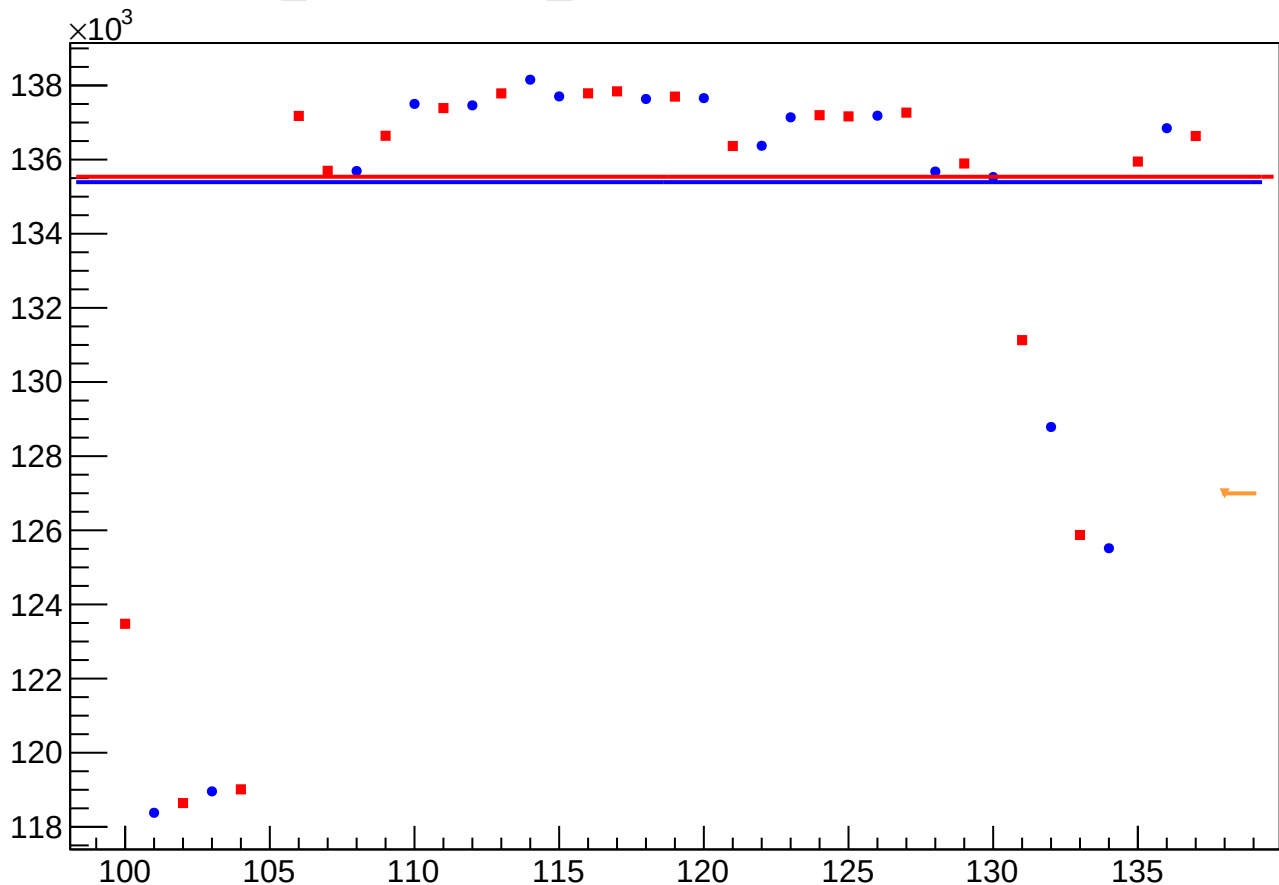
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

414.505+/-0.116 χ^2/NDF : 852151.4/17

427.756+/-0.086 χ^2/NDF : 1803592.9/37

444.034+/-0.129 χ^2/NDF : 922545.8/19

yield_bpm0l04WS_mean vs Slug, Sign Corrected



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

Left Out: 126995.584 $\pm$ 0.192 χ^2 /NDF: 0.0/0

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

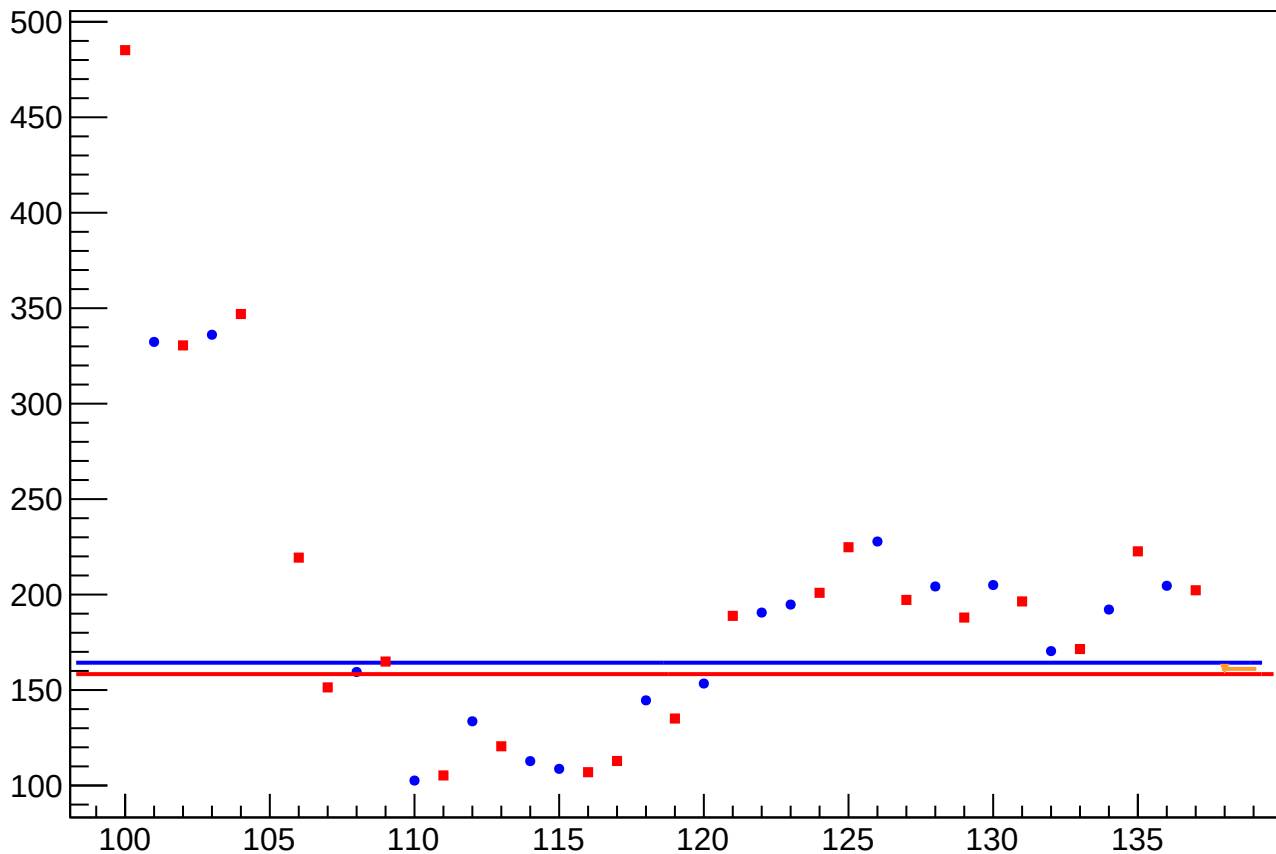
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134445.765 $\pm$ 0.064 χ^2 /NDF: 6283889195.0/17

134994.610 $\pm$ 0.045 χ^2 /NDF: 111777189

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

yield_bpm0l04WS_rms vs Slug, Sign Corrected



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

Left Out: 161.081+/-0.135 χ^2/NDF : 0.0/0

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

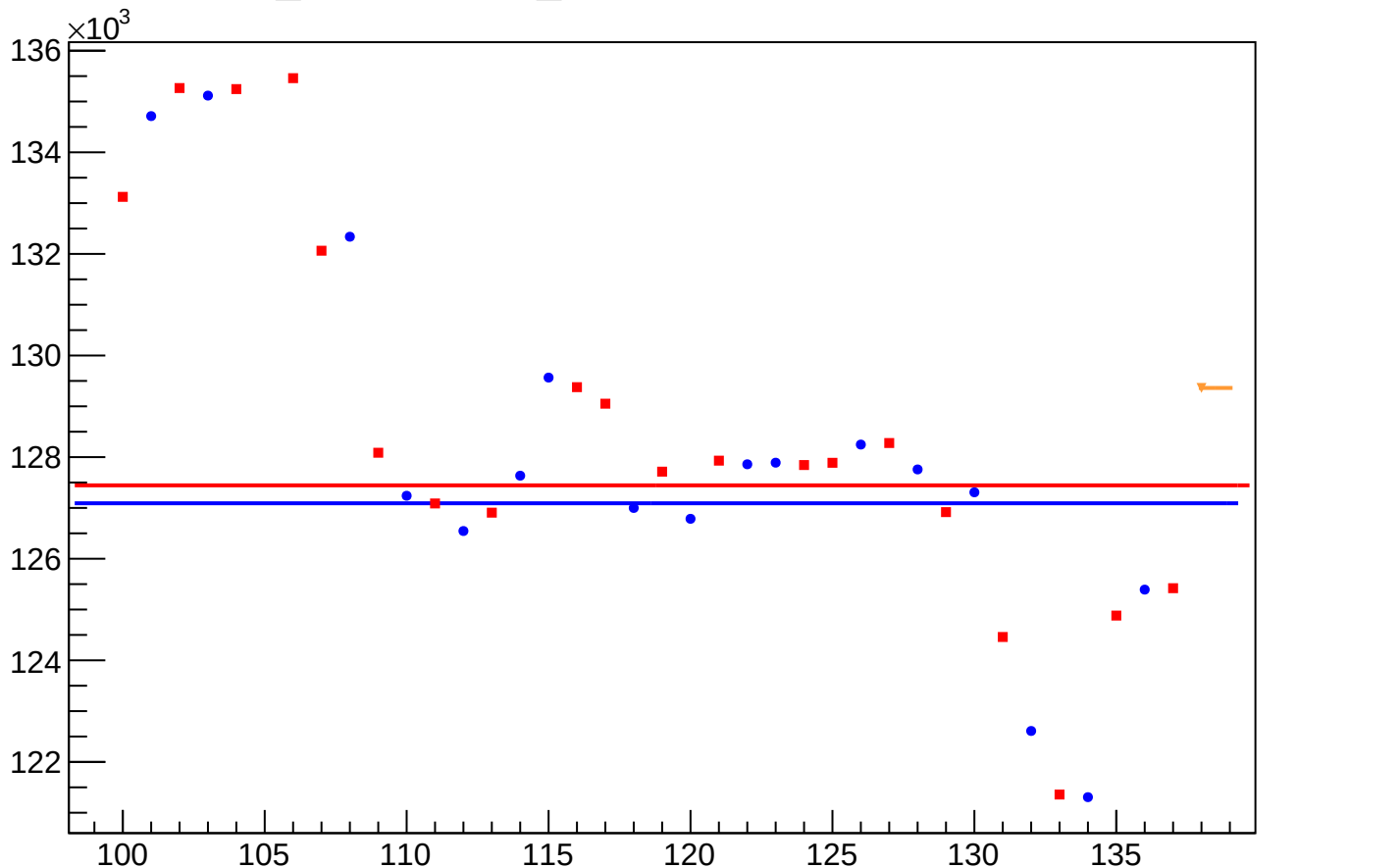
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

163.947+/-0.045 χ^2/NDF : 1230992.2/17

161.126+/-0.032 χ^2/NDF : 2636972.5/37

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

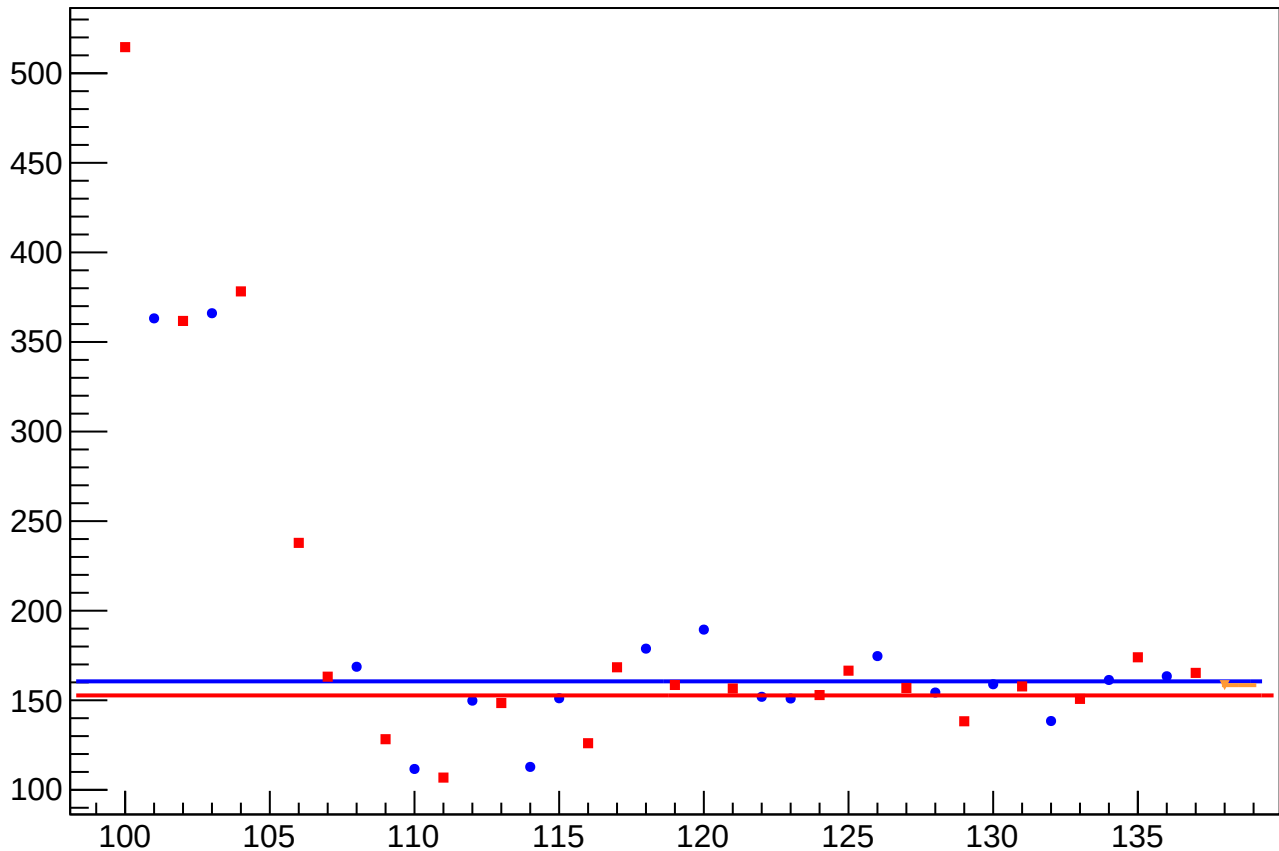
yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127091.500 $\pm$ 0.066 χ^2 /NDF: 1717208780.6/16
 Left Out: 129361.516 $\pm$ 0.189 χ^2 /NDF: 0.0/0
 Right Out: 127444.472 $\pm$ 0.061 χ^2 /NDF: 2082646787.7/19
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127340.554 $\pm$ 0.063 χ^2 /NDF: 1845811349.7/17
 127393.498 $\pm$ 0.044 χ^2 /NDF: 392986387
 127444.472 $\pm$ 0.061 χ^2 /NDF: 2082646787.7/19

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.564 $\pm$ 0.047 χ^2 /NDF: 942747.0/16

Left Out: 158.444 $\pm$ 0.134 χ^2 /NDF: 0.0/0

Right Out: 152.711 $\pm$ 0.043 χ^2 /NDF: 1087186.3/19

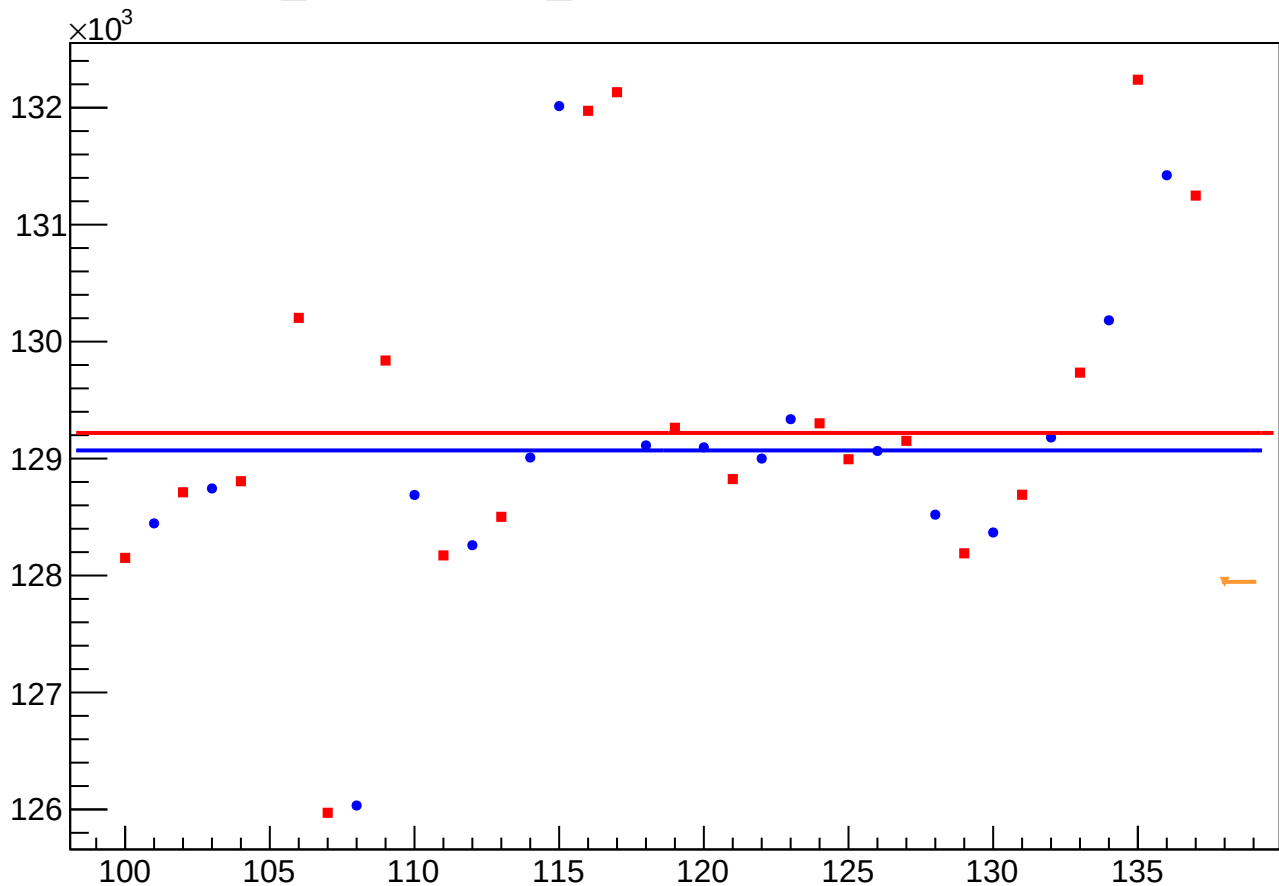
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

160.331 $\pm$ 0.044 χ^2 /NDF: 942971.3/17

156.449 $\pm$ 0.031 χ^2 /NDF: 2045278.5/37

152.711 $\pm$ 0.043 χ^2 /NDF: 1087186.3/19

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129069.668 ± 0.060 $\chi^2/\text{NDF}: 476692316.5/16$

Left Out: 127945.942 ± 0.180 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 129219.072 ± 0.056 $\chi^2/\text{NDF}: 660468184.1/19$

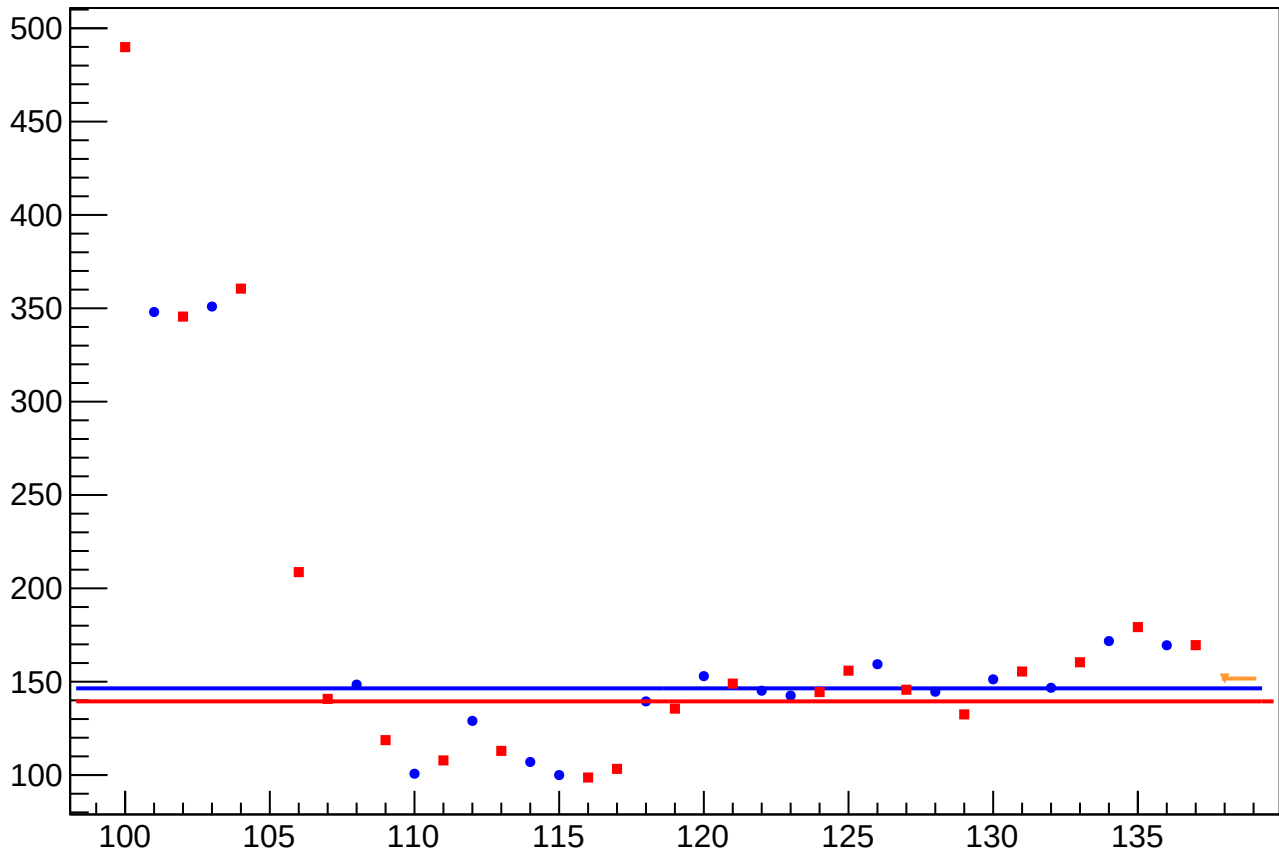
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

128956.613 ± 0.057 $\chi^2/\text{NDF}: 511782732.9/17$

129090.928 ± 0.040 $\chi^2/\text{NDF}: 118307704$

129219.072 ± 0.056 $\chi^2/\text{NDF}: 660468184.1/19$

yield_bpm0l06WS_rms vs Slug, Sign Corrected



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

Left Out: 151.700 $\pm$ 0.127 χ^2 /NDF: 0.0/0

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

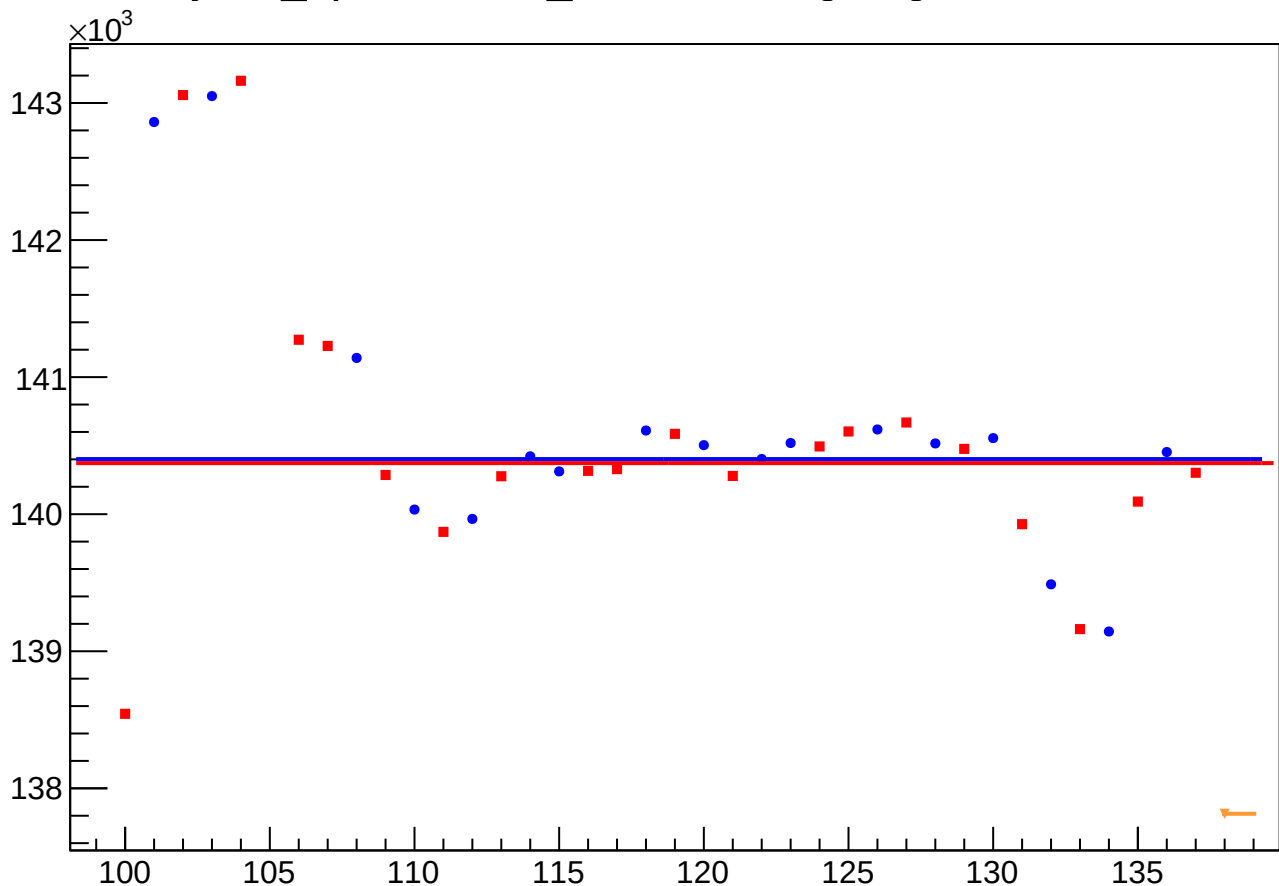
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

146.967 $\pm$ 0.040 χ^2 /NDF: 1066330.5/17

143.129 $\pm$ 0.028 χ^2 /NDF: 2298318.8/37

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

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

Left Out: 137814.314 $\pm$ 0.210 χ^2 /NDF: 0.0/0

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

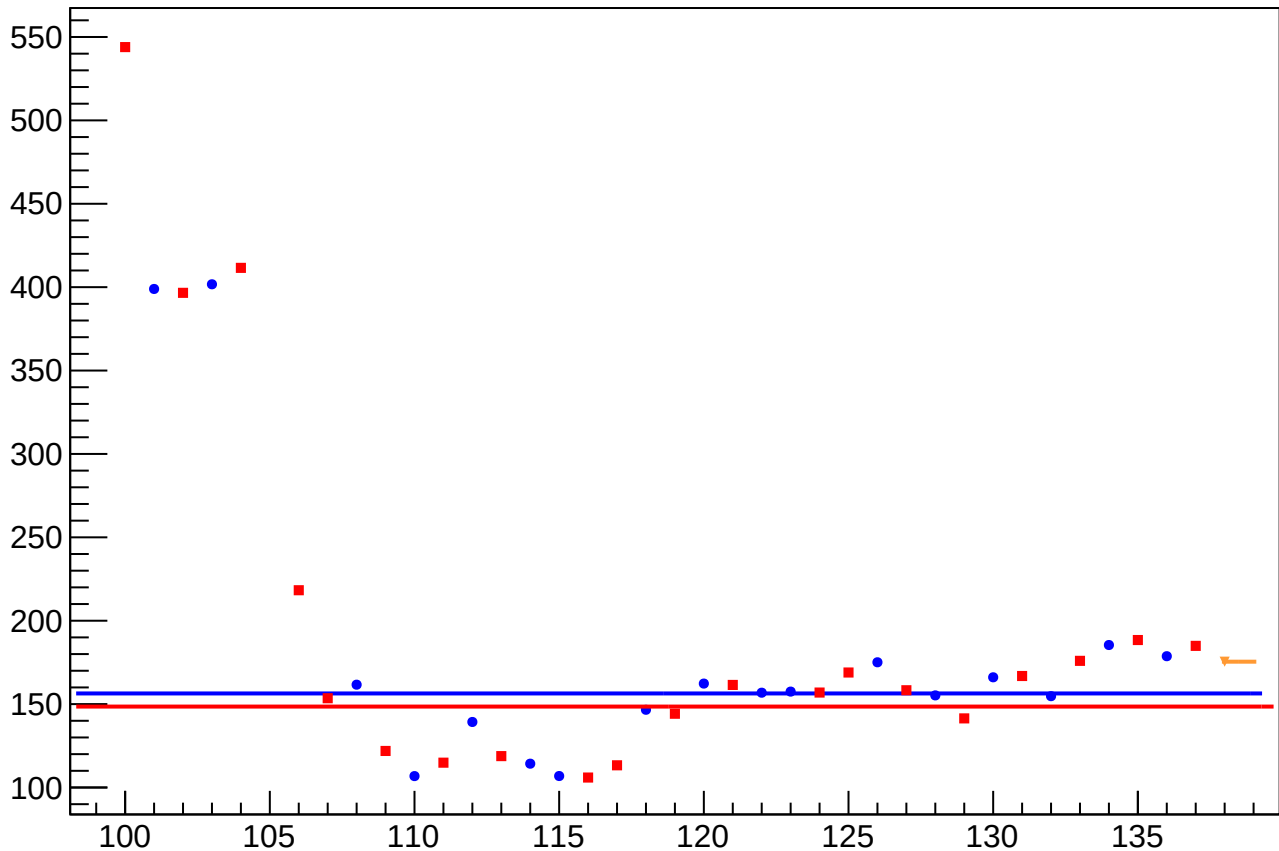
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140179.113 $\pm$ 0.062 χ^2 /NDF: 227371526.7/17

140279.106 $\pm$ 0.043 χ^2 /NDF: 332346510

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

yield_bpm0l07WS_rms vs Slug, Sign Corrected



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

Left Out: 175.439 $\pm$ 0.148 χ^2 /NDF: 0.0/0

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

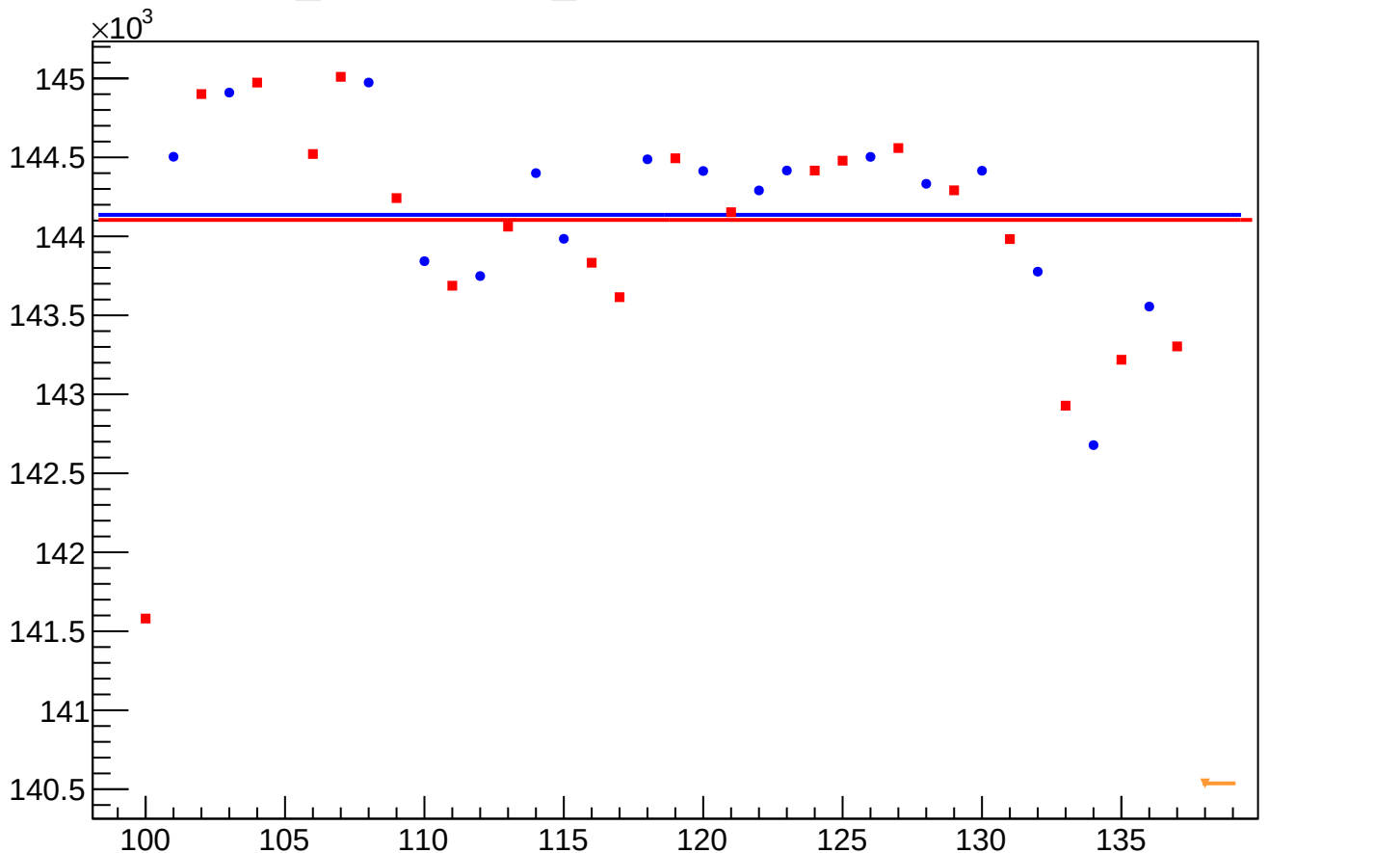
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

158.034 $\pm$ 0.043 χ^2 /NDF: 1169895.6/17

153.120 $\pm$ 0.030 χ^2 /NDF: 2510708.9/37

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

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144136.118 $\pm$ 0.067 χ^2/NDF : 47069480.3/16

Left Out: 140536.995 $\pm$ 0.210 χ^2/NDF : 0.0/0

143805.918 $\pm$ 0.064 χ^2/NDF : 313644791.9/17

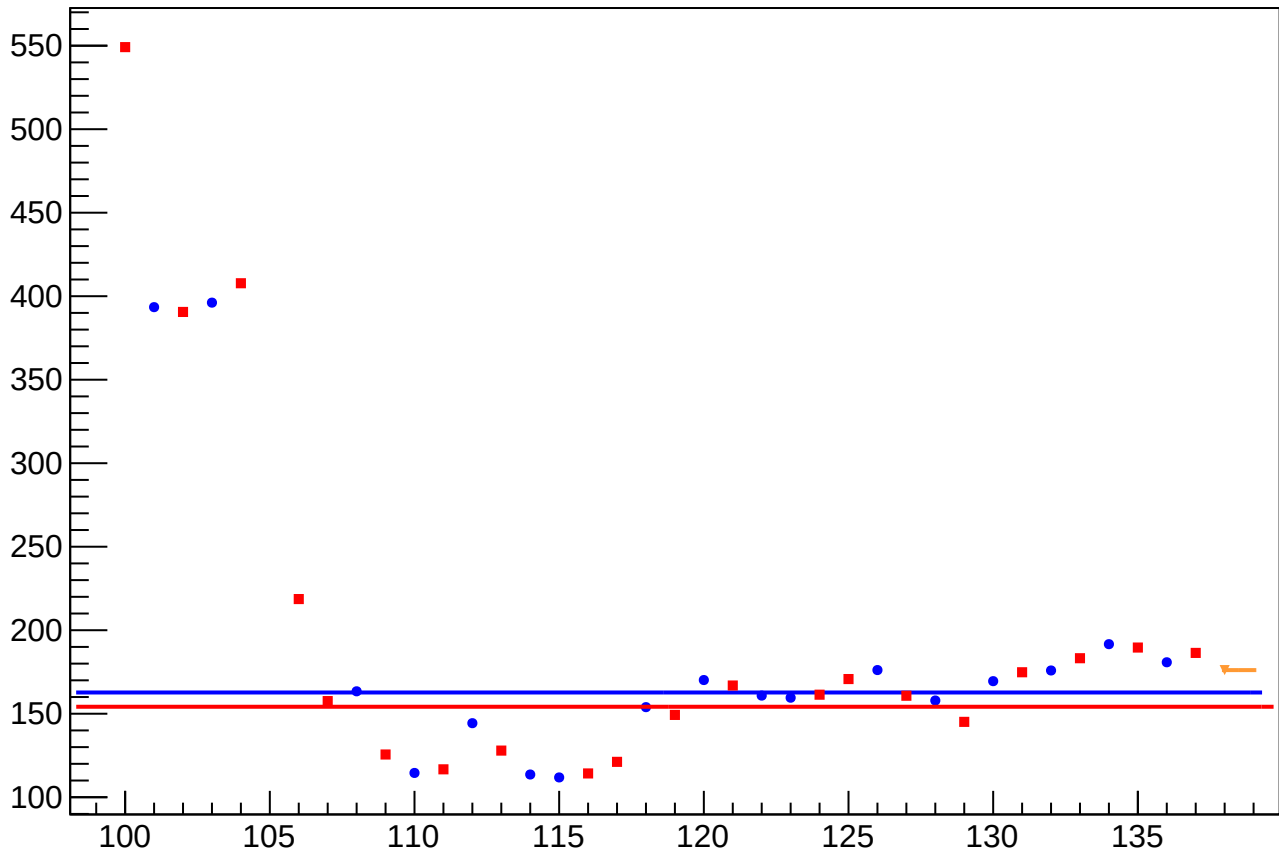
Right Out: 144103.887 $\pm$ 0.062 χ^2/NDF : 65973087.5/19

143959.929 $\pm$ 0.044 χ^2/NDF : 390951304

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

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

yield_bpm0l08WS_rms vs Slug, Sign Corrected



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

Left Out: 176.116 $\pm$ 0.149 χ^2 /NDF: 0.0/0

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

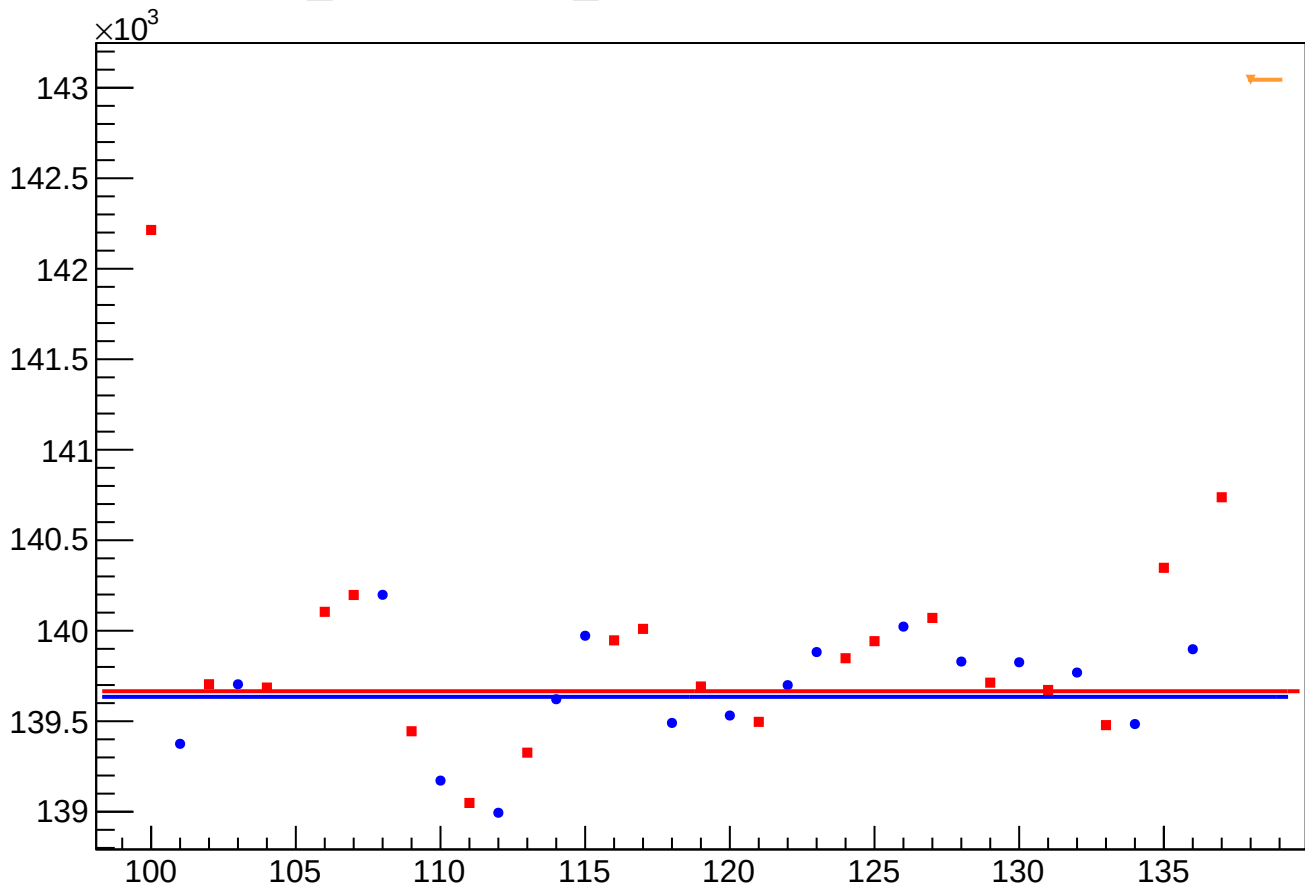
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

163.944 $\pm$ 0.045 χ^2 /NDF: 1073874.5/17

158.894 $\pm$ 0.031 χ^2 /NDF: 2322247.8/37

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

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139634.700 $\pm$ 0.068 χ^2/NDF : 24844912.0/16

Left Out: 143044.506 $\pm$ 0.216 χ^2/NDF : 0.0/0

139939.077 $\pm$ 0.065 χ^2/NDF : 250781581.5/17

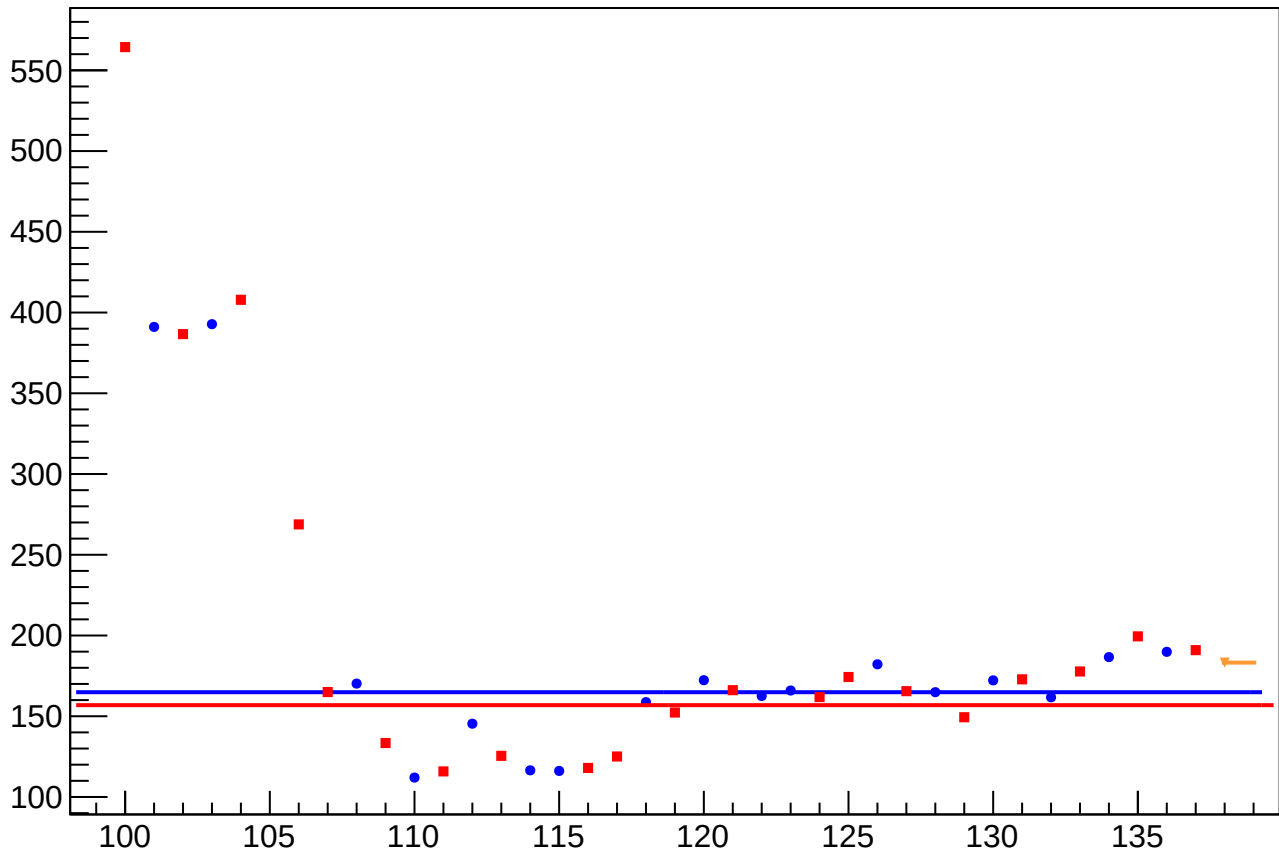
Right Out: 139665.743 $\pm$ 0.063 χ^2/NDF : 38703726.2/19

139798.149 $\pm$ 0.045 χ^2/NDF : 298692922

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

139665.743 $\pm$ 0.063 χ^2/NDF : 38703726.2/19

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.884+/-0.048 χ^2/NDF : 1066270.8/16

Left Out: 183.215+/-0.153 χ^2/NDF : 0.0/0

Right Out: 156.859+/-0.044 χ^2/NDF : 1250656.2/19

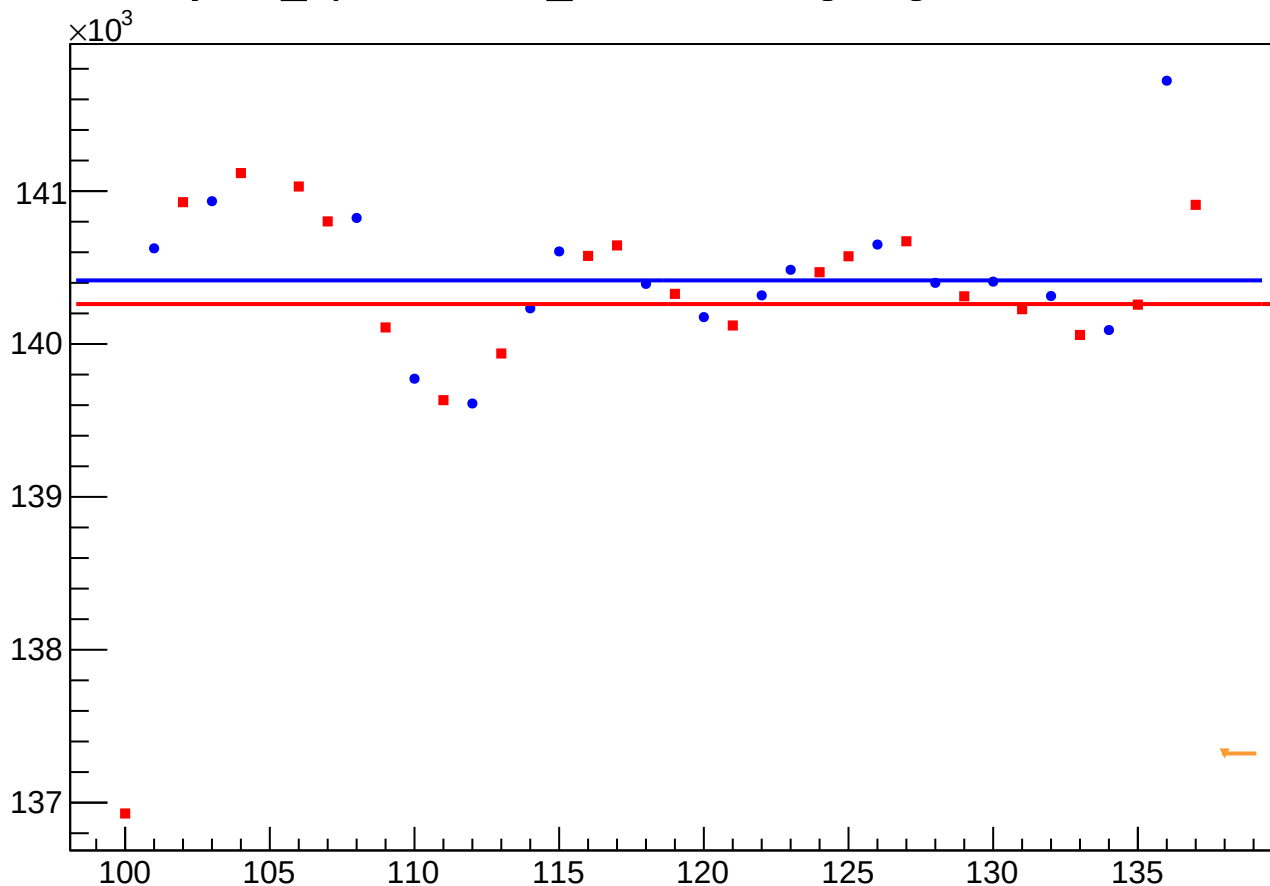
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

166.521+/-0.046 χ^2/NDF : 1079329.5/17

161.539+/-0.032 χ^2/NDF : 2352992.3/37

156.859+/-0.044 χ^2/NDF : 1250656.2/19

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140416.064 ± 0.068 $\chi^2/\text{NDF}: 69975821.3/16$

Left Out: 137321.602 ± 0.200 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 140261.267 ± 0.063 $\chi^2/\text{NDF}: 38479140.4/19$

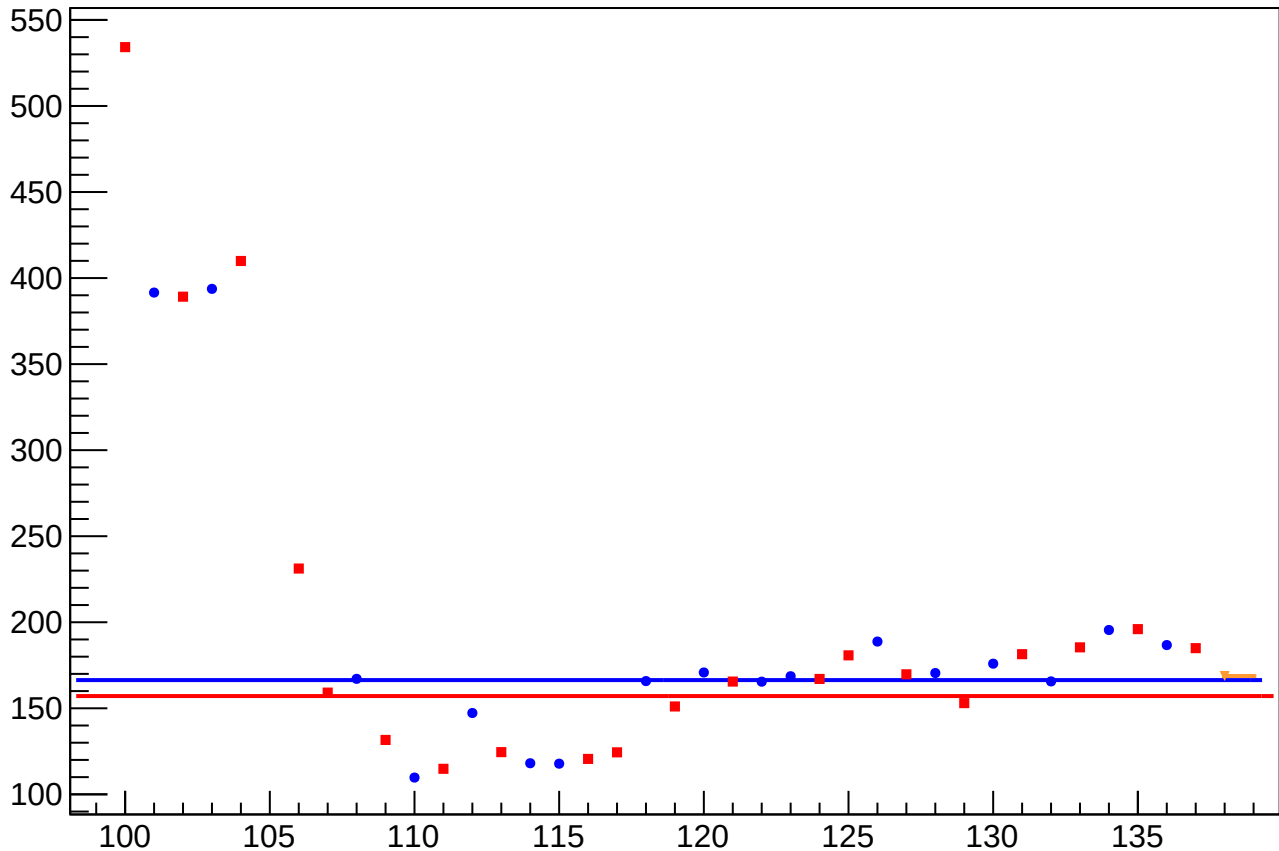
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

140093.209 ± 0.065 $\chi^2/\text{NDF}: 283554259.0/17$

140179.785 ± 0.045 $\chi^2/\text{NDF}: 325506197$

140261.267 ± 0.063 $\chi^2/\text{NDF}: 38479140.4/19$

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388 $\pm$ 0.048 χ^2 /NDF: 1080964.8/16

Left Out: 168.755 $\pm$ 0.142 χ^2 /NDF: 0.0/0

Right Out: 157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

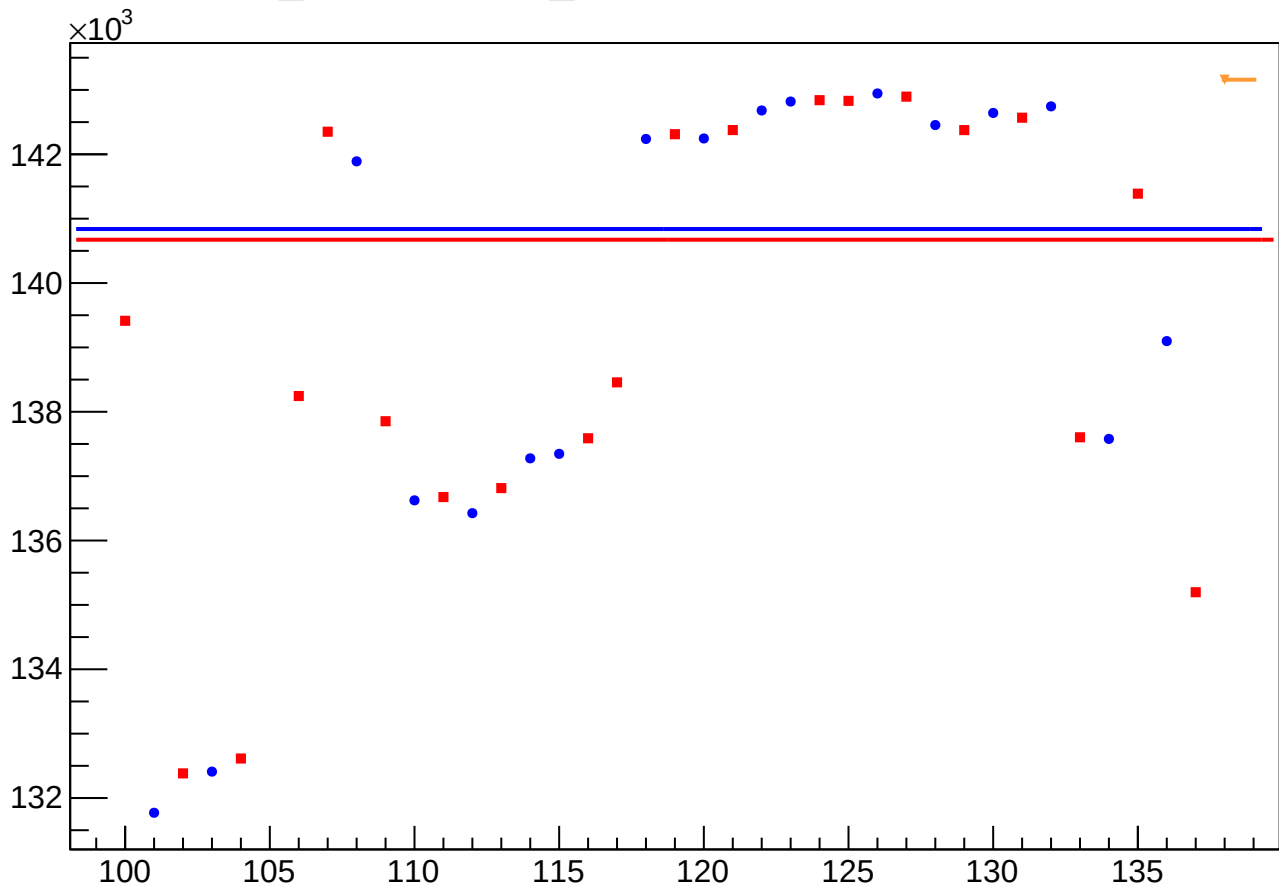
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

166.635 $\pm$ 0.046 χ^2 /NDF: 1081214.9/17

161.728 $\pm$ 0.032 χ^2 /NDF: 2339456.8/37

157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

Left Out: 143159.045 $\pm$ 0.242 χ^2 /NDF: 0.0/0

Right Out: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

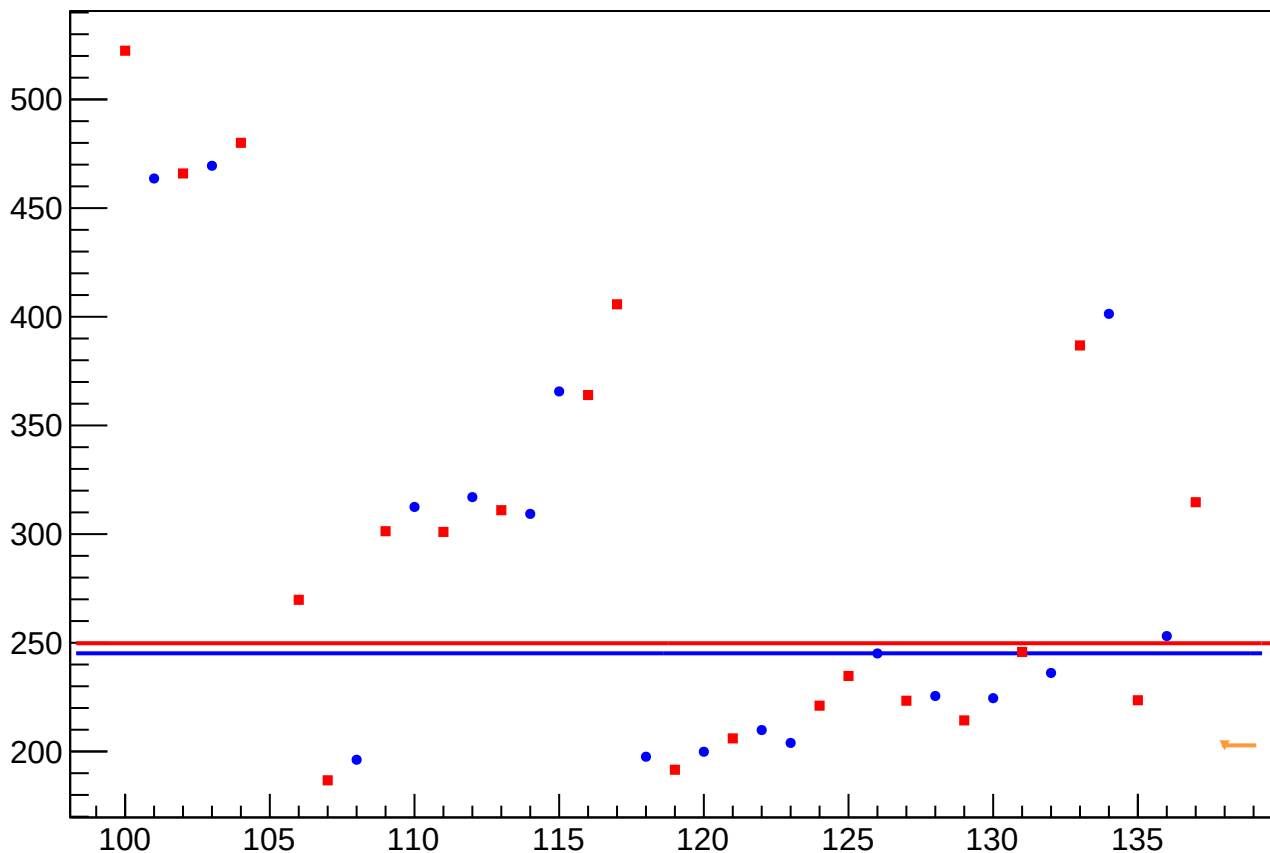
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

141176.765 $\pm$ 0.092 χ^2 /NDF: 900992140.7/17

140941.992 $\pm$ 0.068 χ^2 /NDF: 175679852

140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 245.159+/-0.071 χ^2/NDF : 869491.6/16

Left Out: 202.811+/-0.171 χ^2/NDF : 0.0/0

Right Out: 249.792+/-0.070 χ^2/NDF : 1022316.0/19

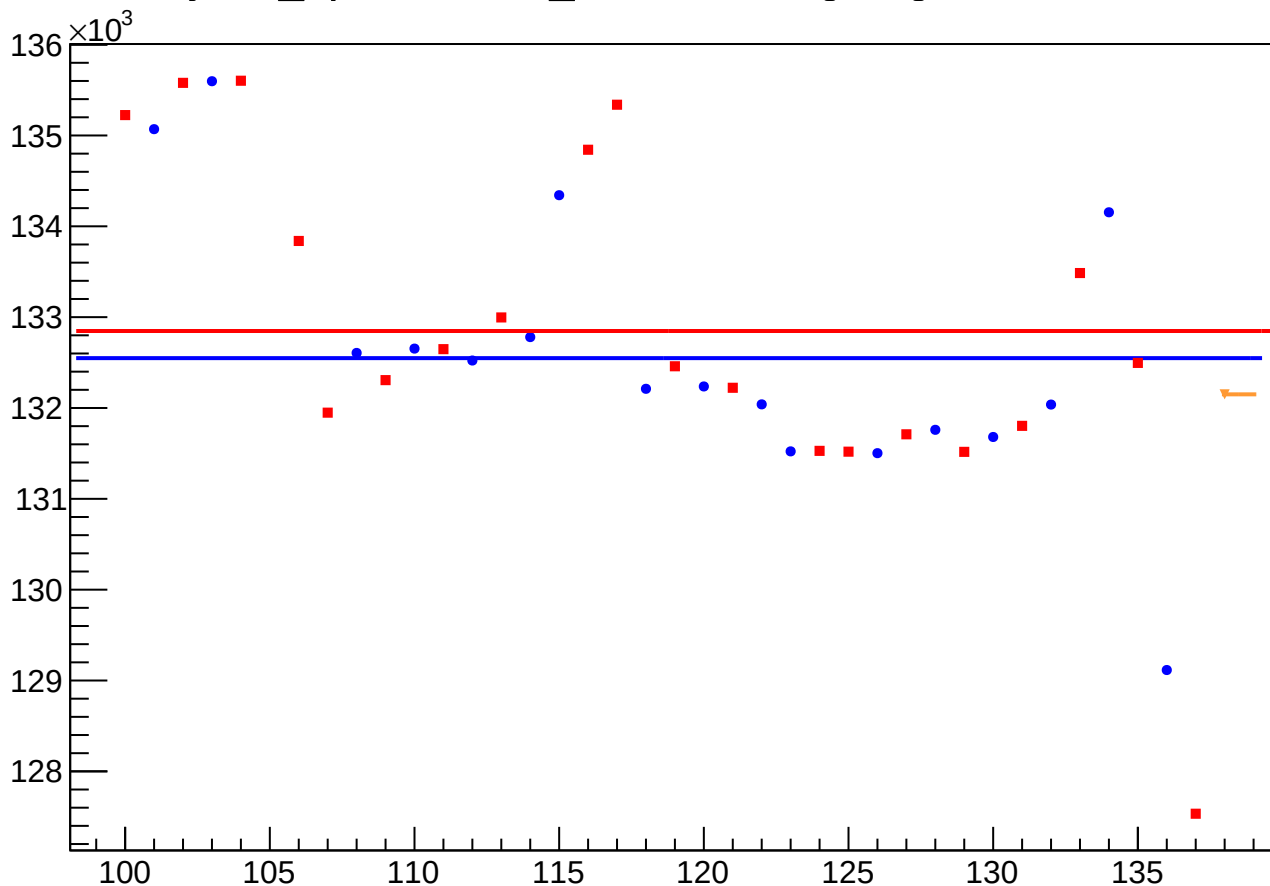
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

238.996+/-0.065 χ^2/NDF : 921677.9/17

244.026+/-0.048 χ^2/NDF : 1956703.1/37

249.792+/-0.070 χ^2/NDF : 1022316.0/19

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

Left Out: 132150.252 $\pm$ 0.215 χ^2 /NDF: 0.0/0

Right Out: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

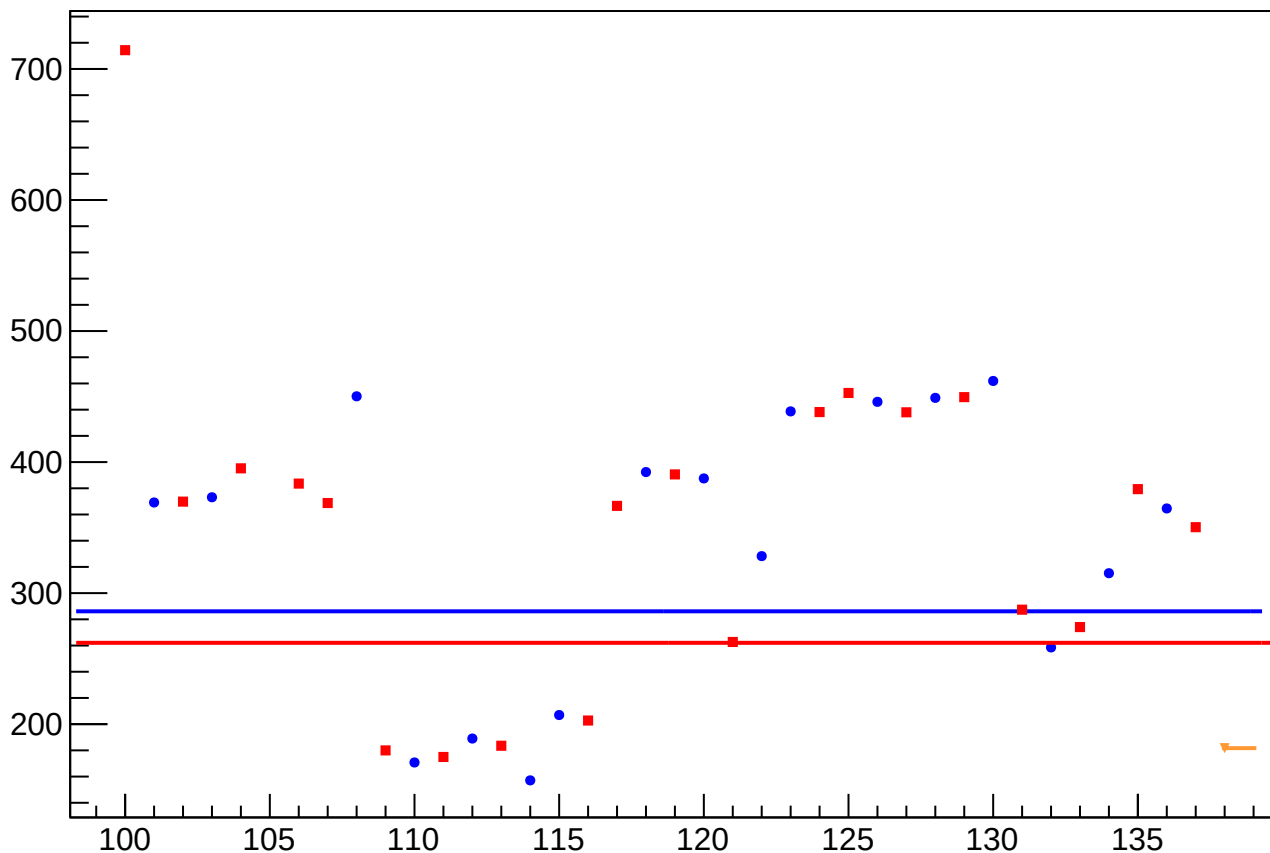
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132454.797 $\pm$ 0.104 χ^2 /NDF: 163747294.9/17

132646.380 $\pm$ 0.075 χ^2 /NDF: 322276978

132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 286.122+/-0.084 χ^2/NDF : 1525266.4/16

Left Out: 181.688+/-0.152 χ^2/NDF : 0.0/0

Right Out: 262.073+/-0.076 χ^2/NDF : 1630239.5/19

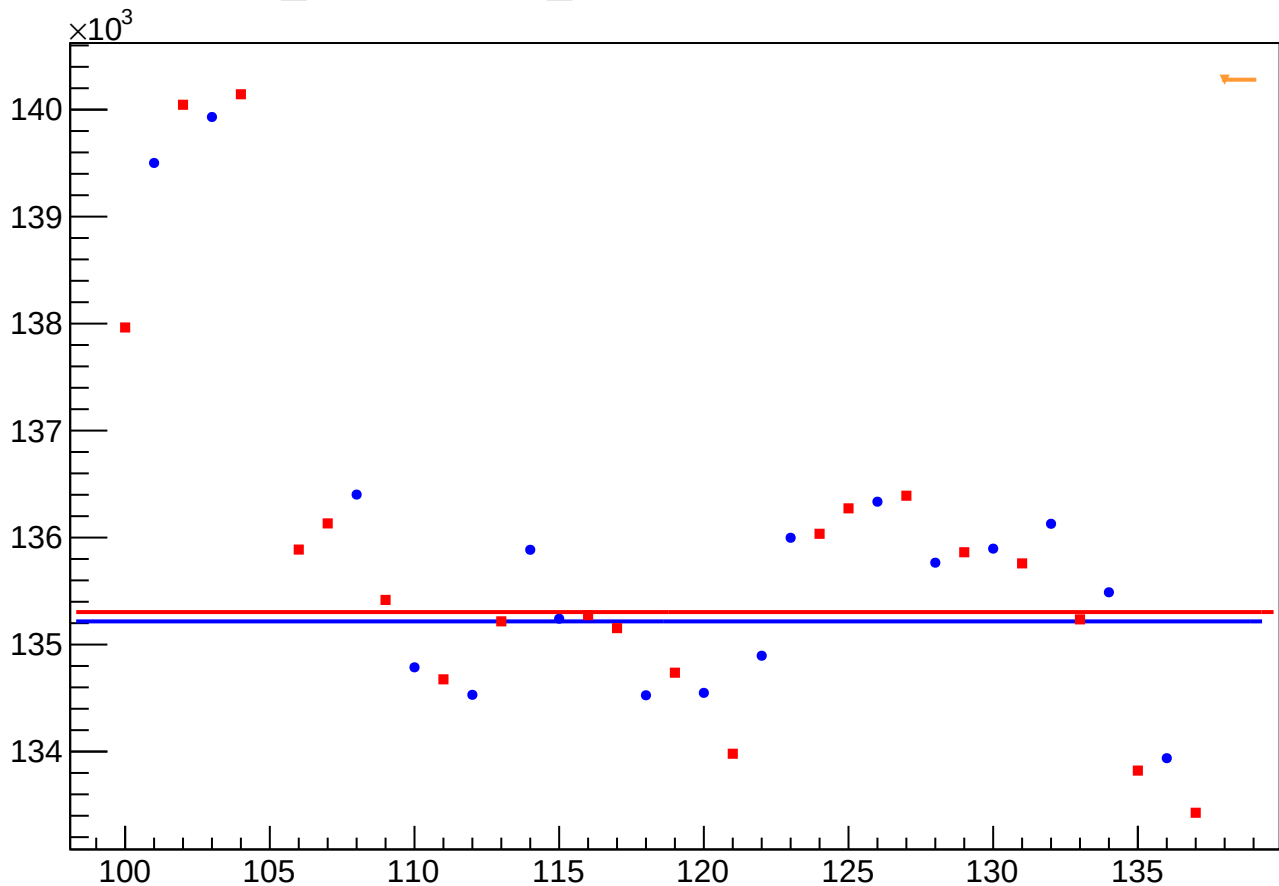
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

261.473+/-0.074 χ^2/NDF : 1886577.6/17

261.765+/-0.053 χ^2/NDF : 3516849.4/37

262.073+/-0.076 χ^2/NDF : 1630239.5/19

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

Left Out: 140279.814 $\pm$ 0.204 χ^2 /NDF: 0.0/0

Right Out: 135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

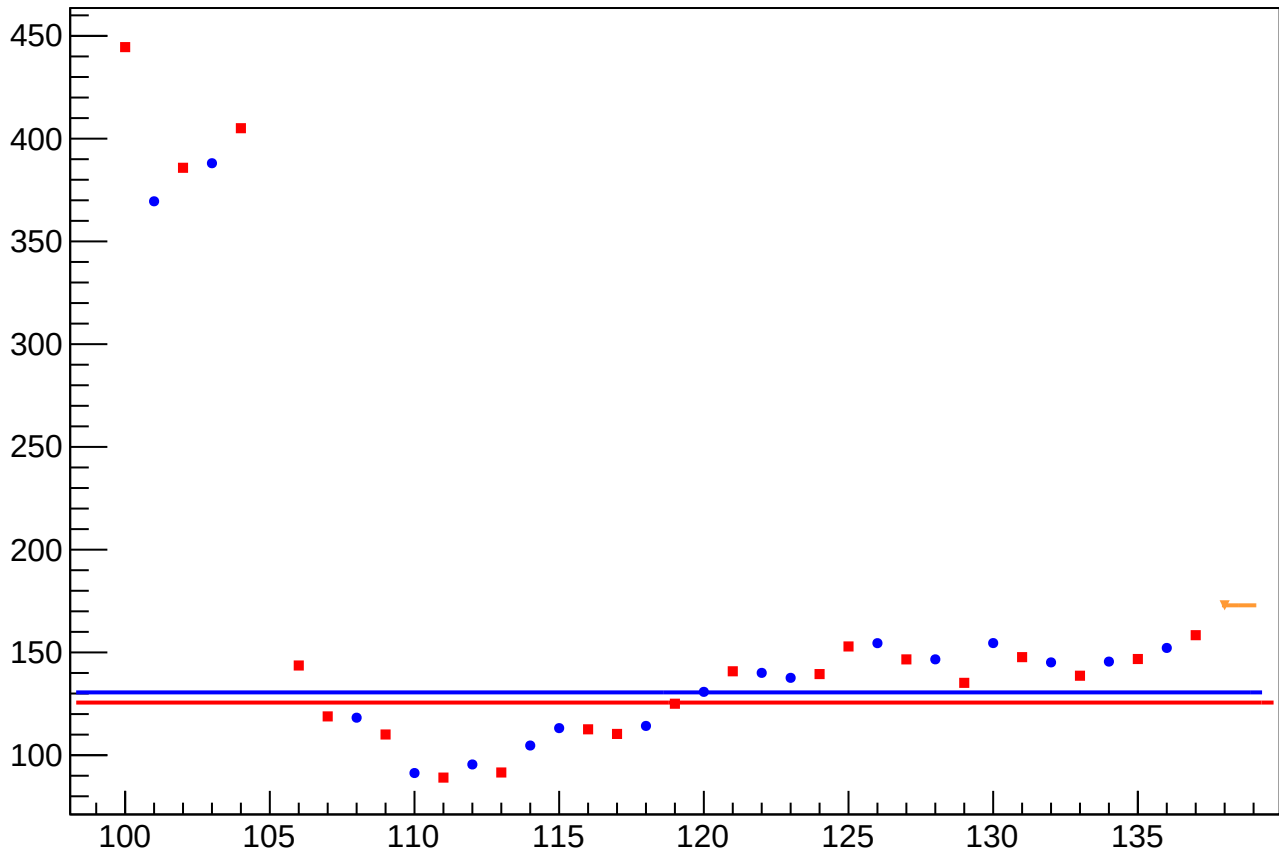
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135550.726 $\pm$ 0.053 χ^2 /NDF: 943955676.2/17

135423.347 $\pm$ 0.037 χ^2 /NDF: 131307424

135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.552+/-0.038 χ^2/NDF : 1373104.9/16

Left Out: 172.920+/-0.145 χ^2/NDF : 0.0/0

Right Out: 125.603+/-0.036 χ^2/NDF : 1441677.4/19

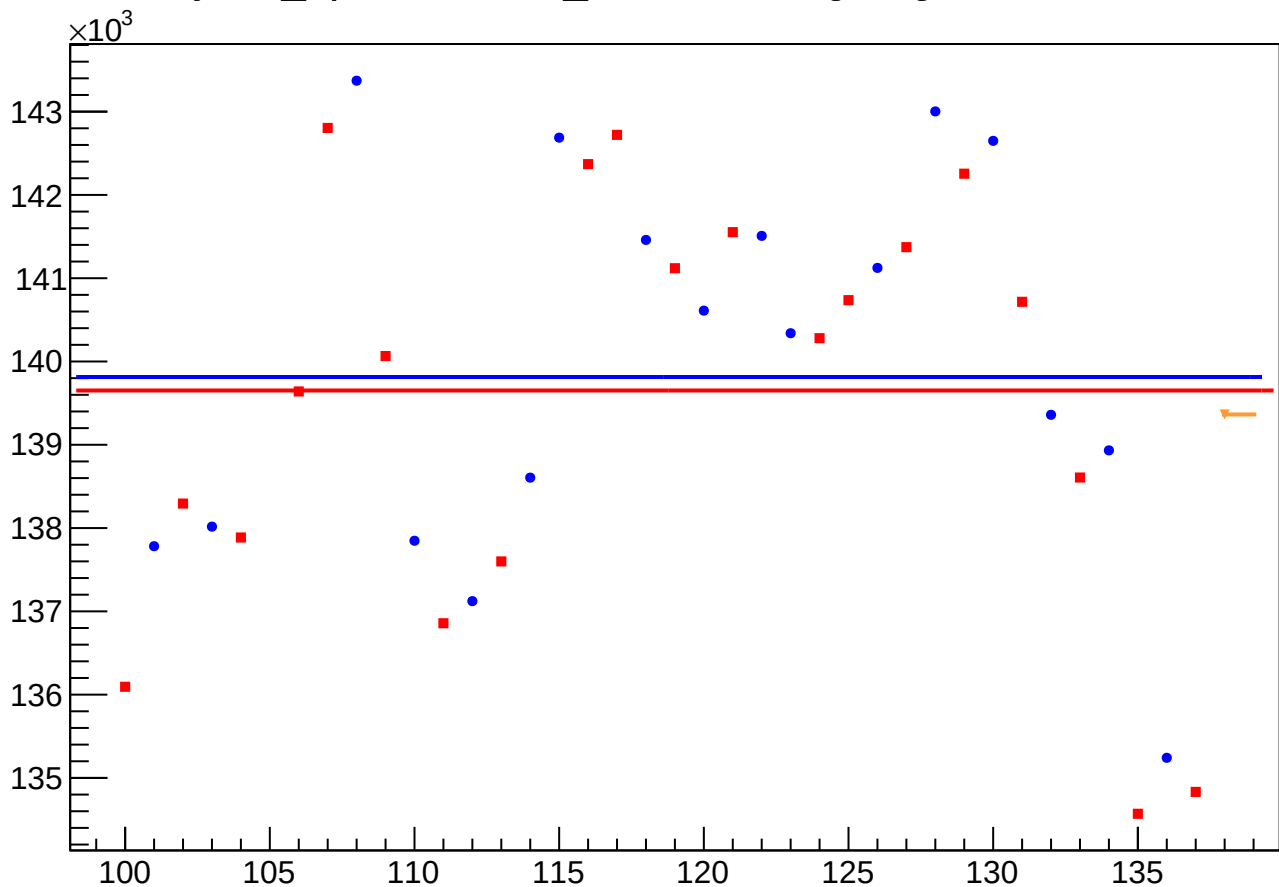
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

133.348+/-0.037 χ^2/NDF : 1453295.3/17

129.354+/-0.026 χ^2/NDF : 2917388.5/37

125.603+/-0.036 χ^2/NDF : 1441677.4/19

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

Left Out: 139363.948 $\pm$ 0.199 χ^2 /NDF: 0.0/0

139774.107 $\pm$ 0.059 χ^2 /NDF: 1694504922.0/17

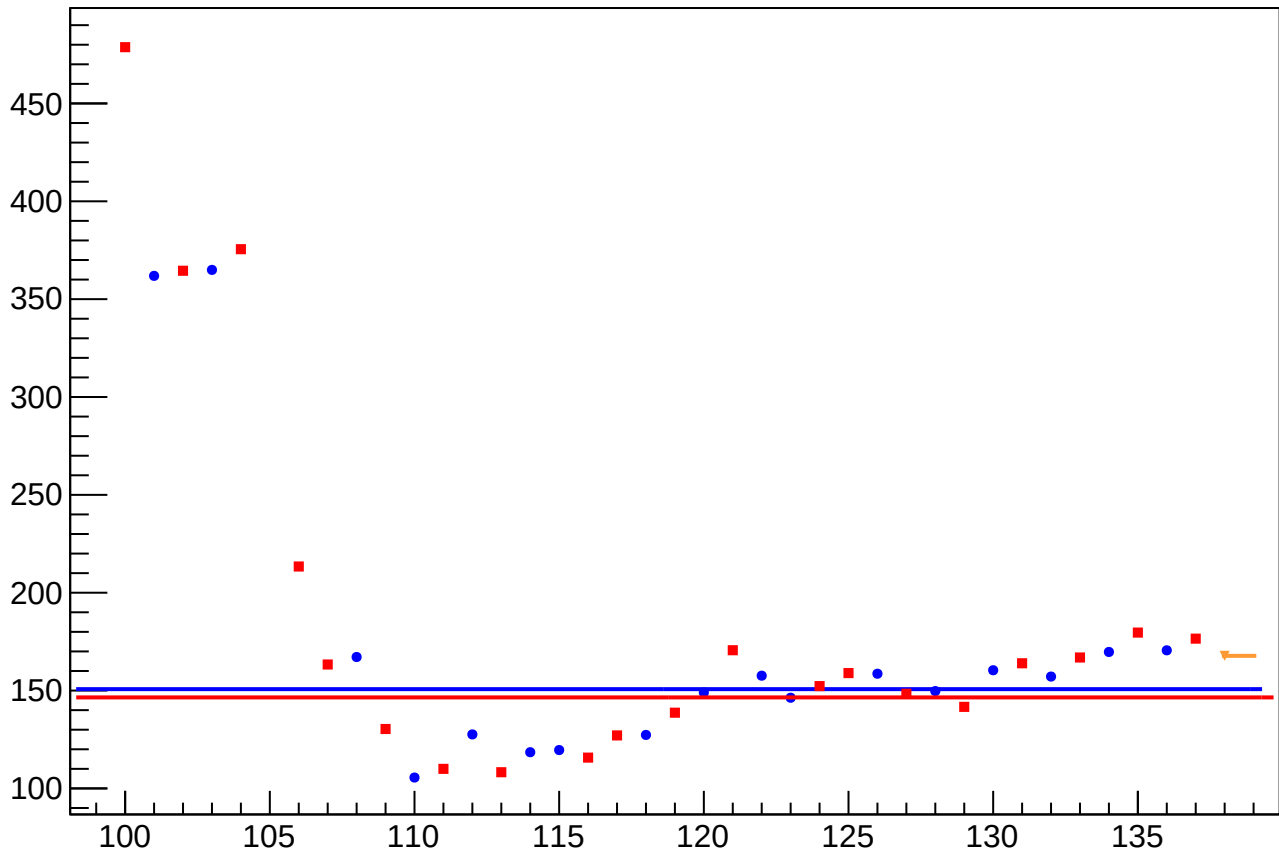
Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

139712.561 $\pm$ 0.042 χ^2 /NDF: 322767618

139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

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

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

Left Out: 167.747+/-0.141 χ^2/NDF : 0.0/0

Right Out: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

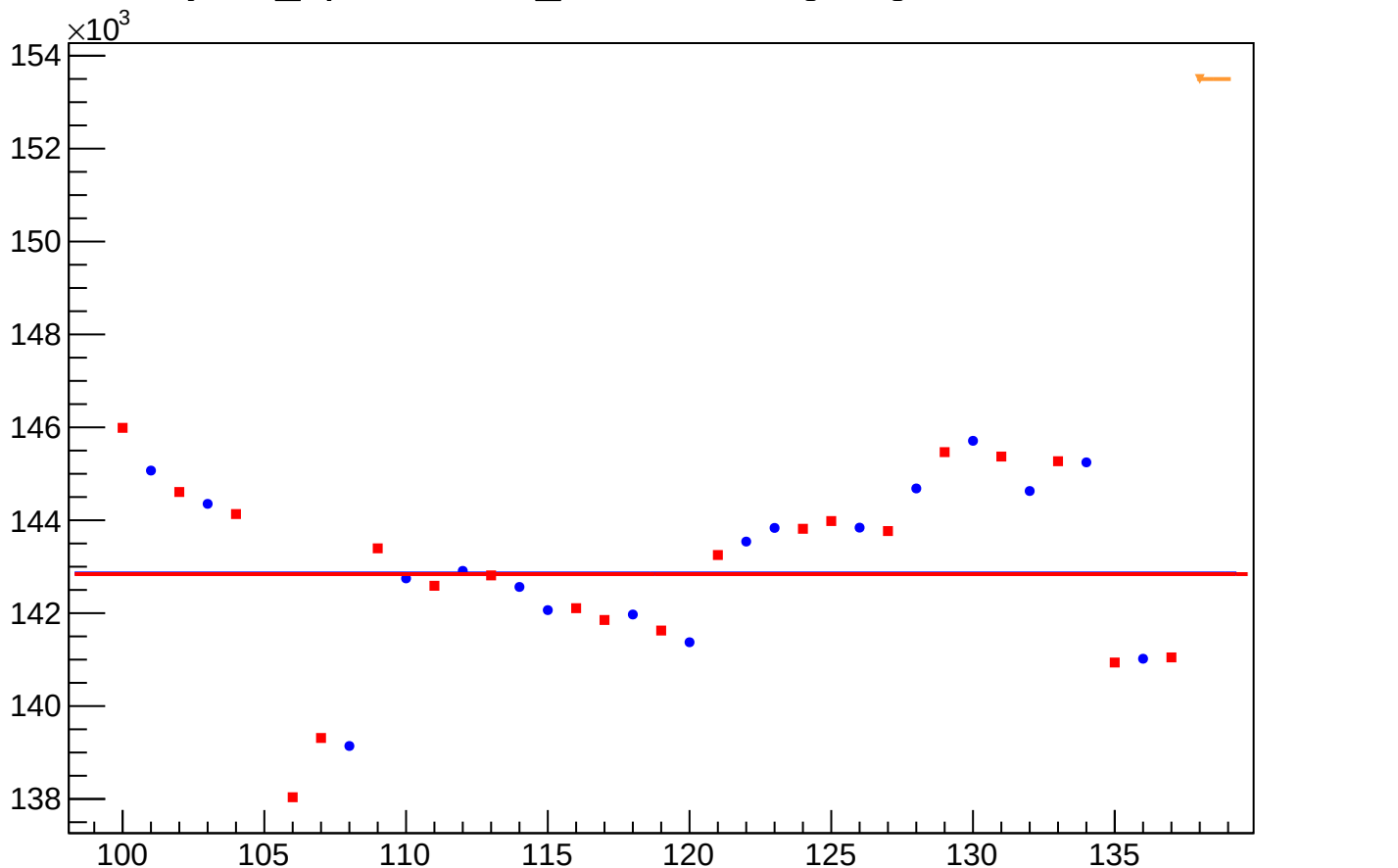
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.230+/-0.042 χ^2/NDF : 1063352.5/17

149.349+/-0.029 χ^2/NDF : 2277913.5/37

146.506+/-0.042 χ^2/NDF : 1205131.2/19

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

Left Out: 153498.037 $\pm$ 0.212 χ^2 /NDF: 0.0/0

Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

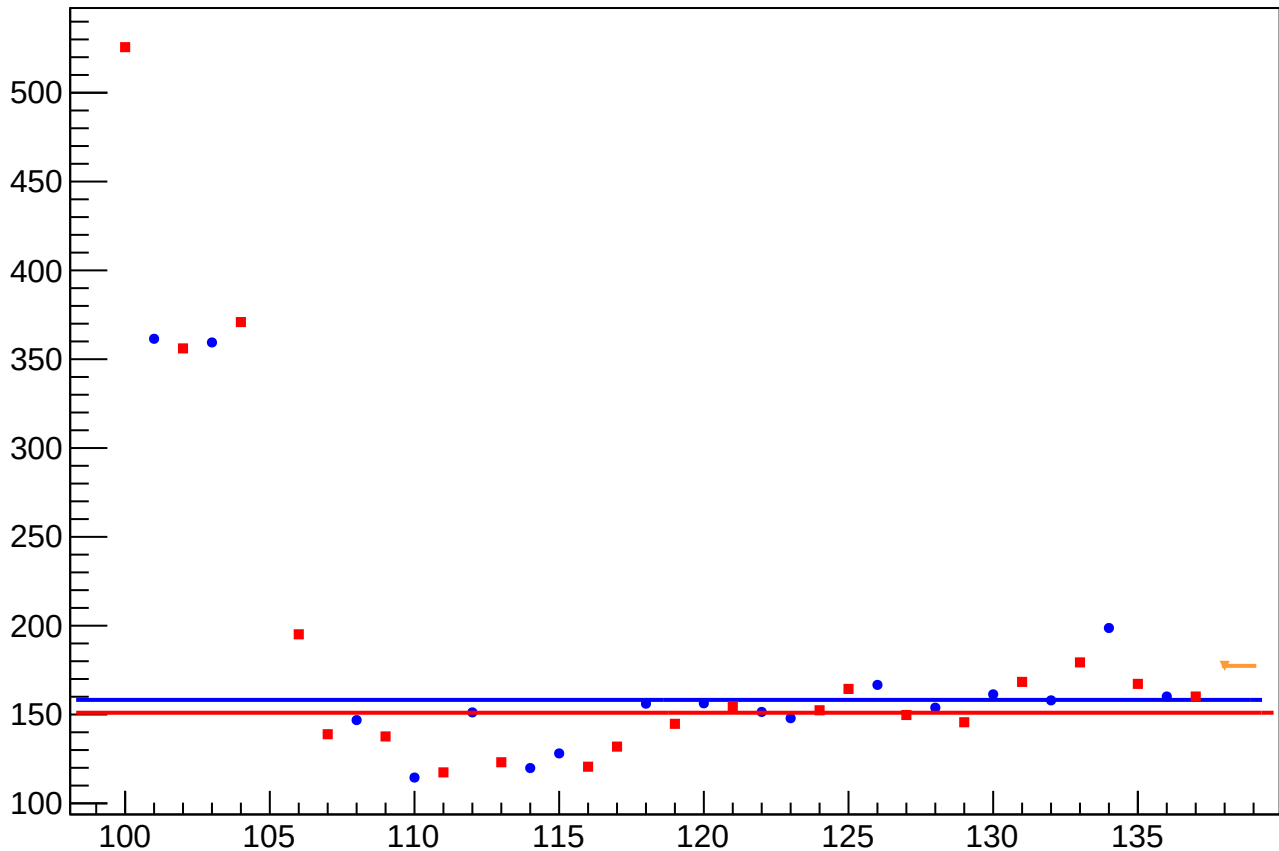
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143762.697 $\pm$ 0.062 χ^2 /NDF: 3052865759.5/17

143288.643 $\pm$ 0.043 χ^2 /NDF: 401966067

142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 158.233+/-0.046 χ^2/NDF : 883513.4/16

Left Out: 177.390+/-0.150 χ^2/NDF : 0.0/0

Right Out: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

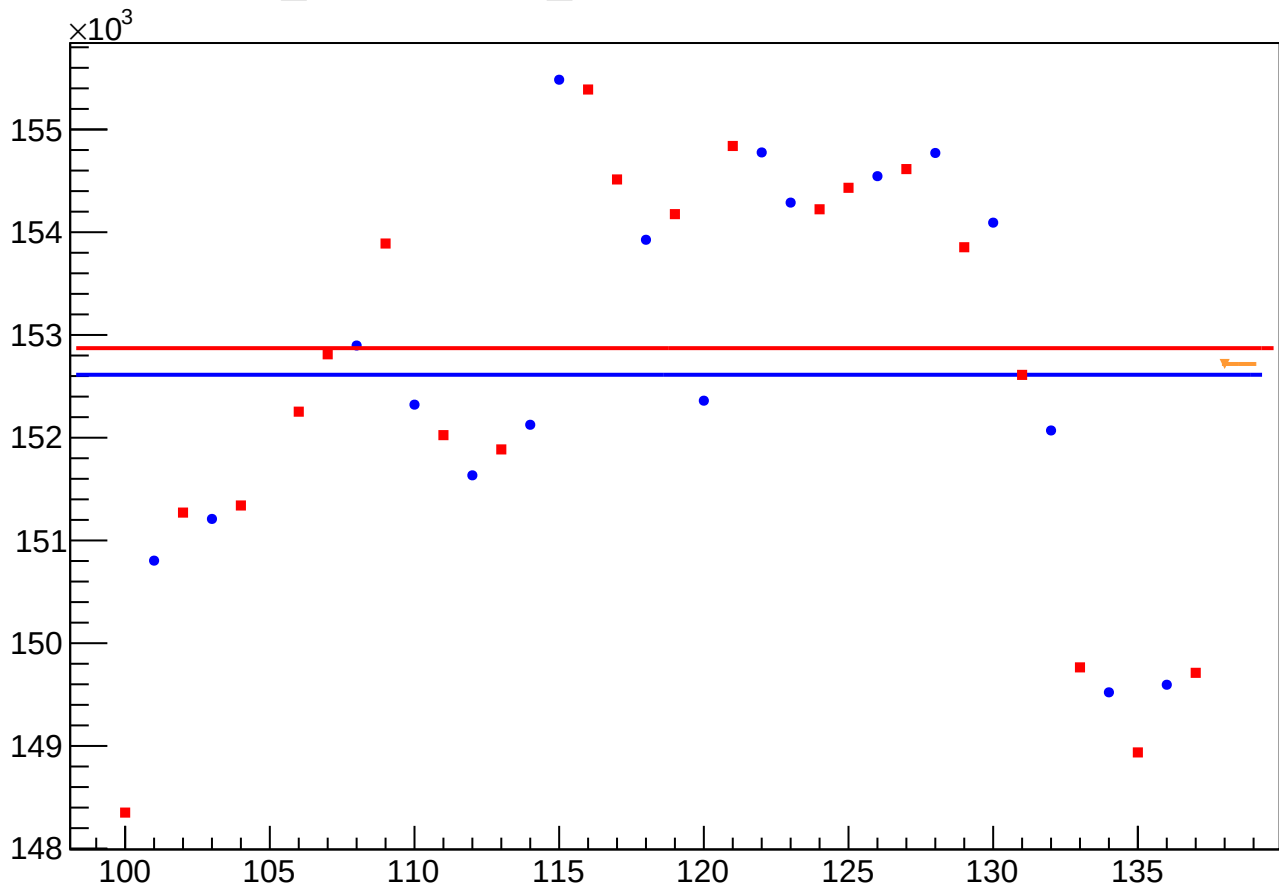
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

159.868+/-0.044 χ^2/NDF : 898495.6/17

155.311+/-0.030 χ^2/NDF : 1924725.1/37

151.003+/-0.043 χ^2/NDF : 1005104.9/19

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

Left Out: 152717.567 $\pm$ 0.200 χ^2 /NDF: 0.0/0

Right Out: 152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

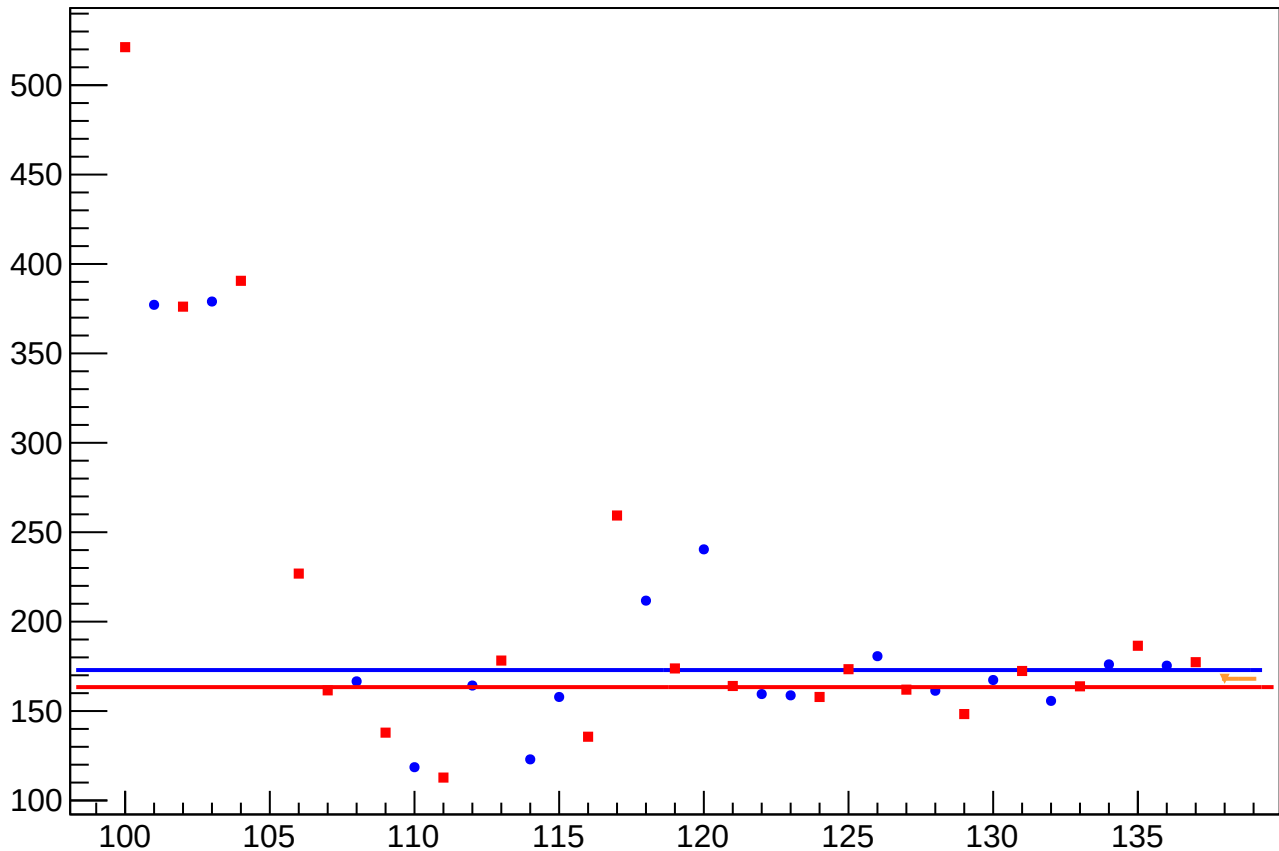
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

152624.730 $\pm$ 0.068 χ^2 /NDF: 621661008.2/17

152751.362 $\pm$ 0.047 χ^2 /NDF: 134908884

152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

Left Out: 168.046+/-0.141 χ^2/NDF : 0.0/0

Right Out: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

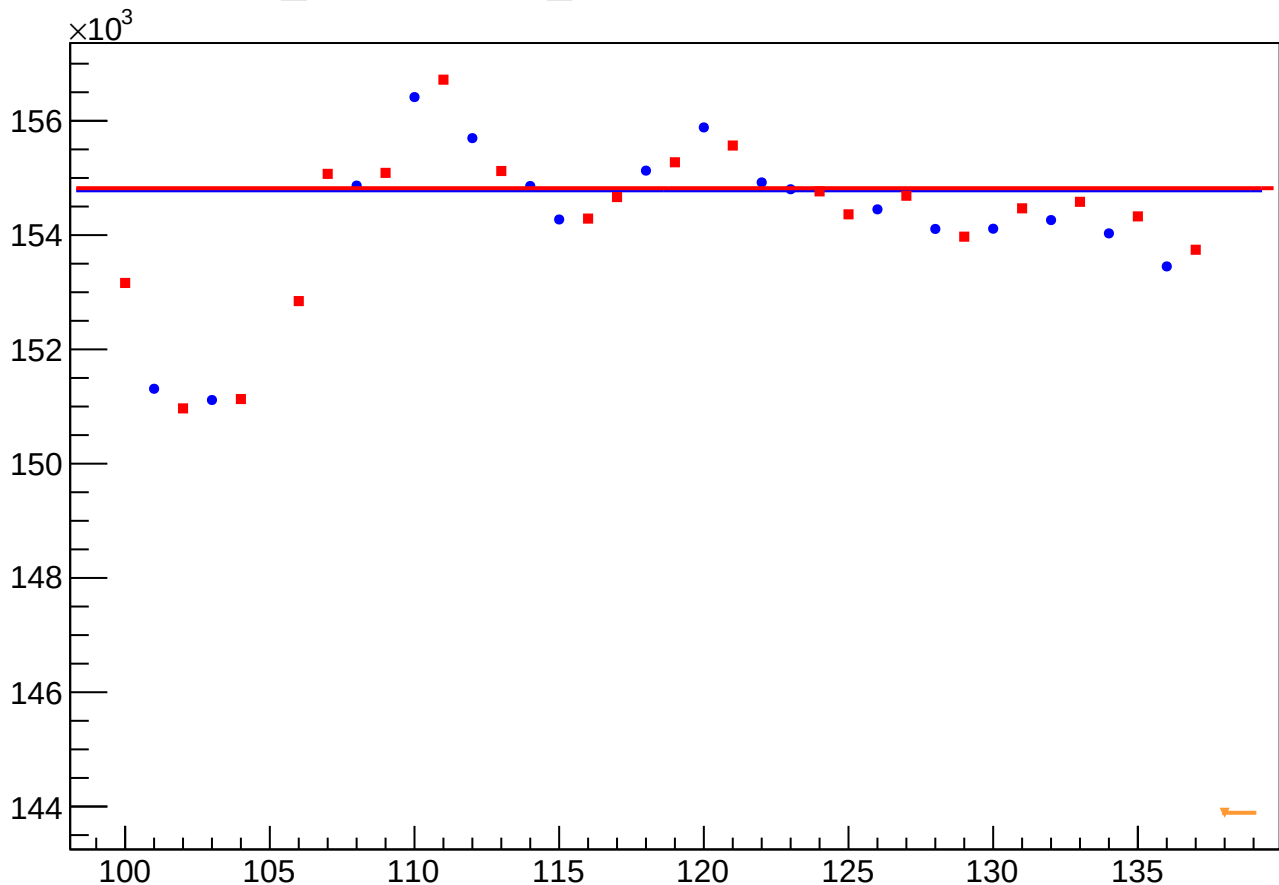
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.357+/-0.048 χ^2/NDF : 943009.9/17

167.753+/-0.033 χ^2/NDF : 2005384.5/37

163.382+/-0.047 χ^2/NDF : 1044431.2/19

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154783.944 $\pm$ 0.065 χ^2 /NDF: 265581398.0/16

Left Out: 143890.306 $\pm$ 0.209 χ^2 /NDF: 0.0/0

Right Out: 154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

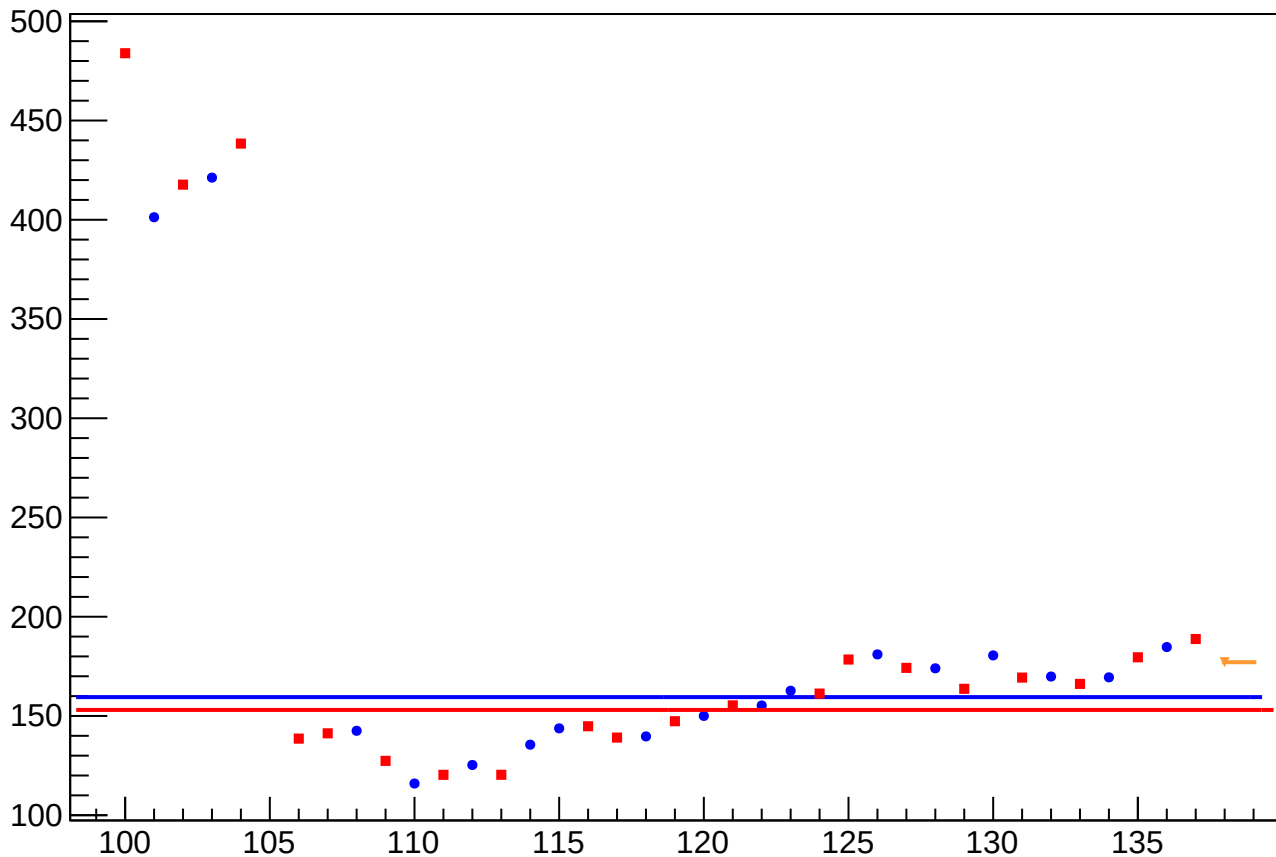
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153812.613 $\pm$ 0.062 χ^2 /NDF: 2741921805.1/17

154331.052 $\pm$ 0.043 χ^2 /NDF: 317012783

154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 159.504 $\pm$ 0.046 χ^2 /NDF: 1131844.5/16

Left Out: 177.092 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Right Out: 153.038 $\pm$ 0.043 χ^2 /NDF: 1174616.4/19

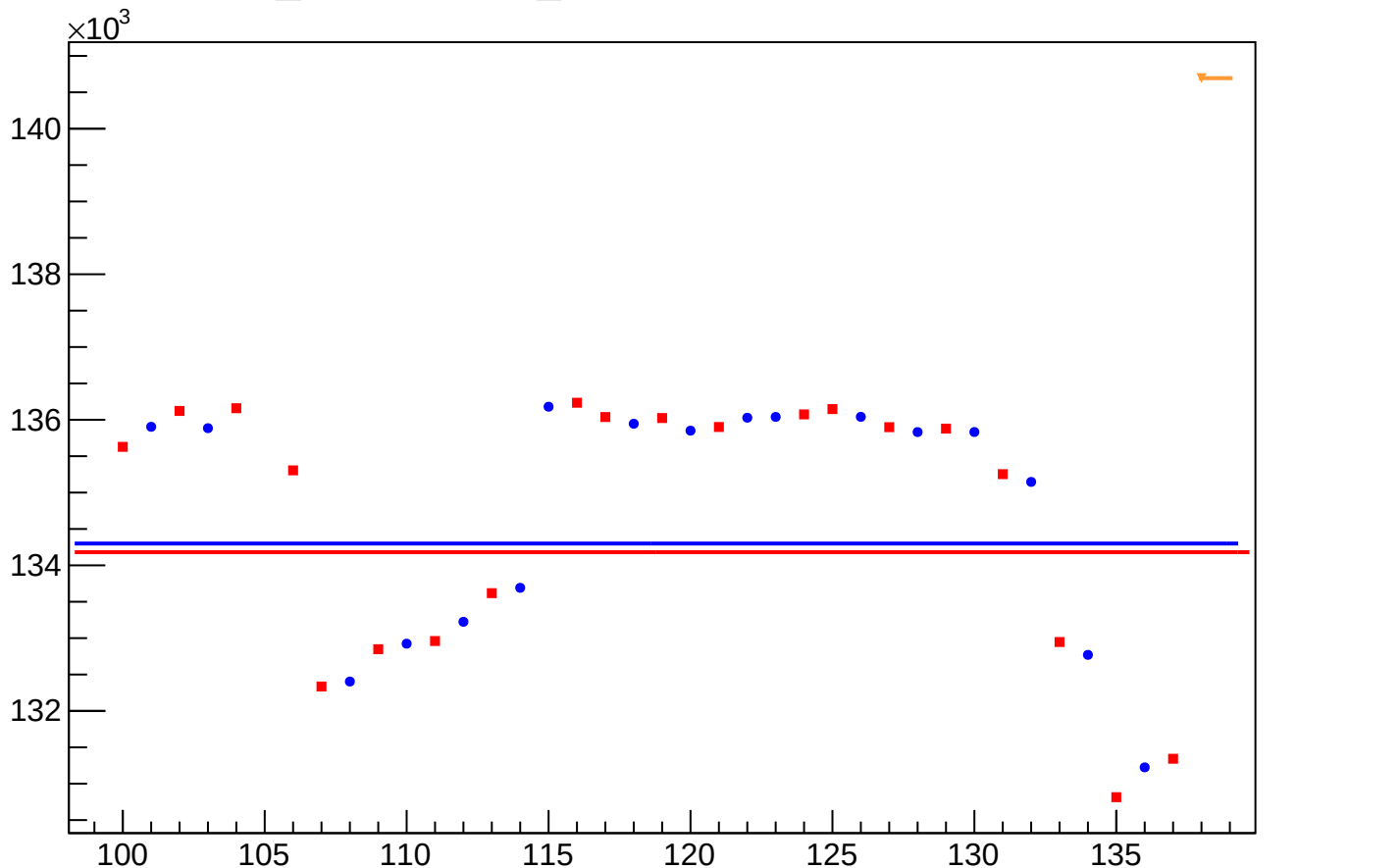
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

161.072 $\pm$ 0.044 χ^2 /NDF: 1144755.4/17

156.941 $\pm$ 0.031 χ^2 /NDF: 2336428.7/37

153.038 $\pm$ 0.043 χ^2 /NDF: 1174616.4/19

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

Left Out: 140694.342 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Right Out: 134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

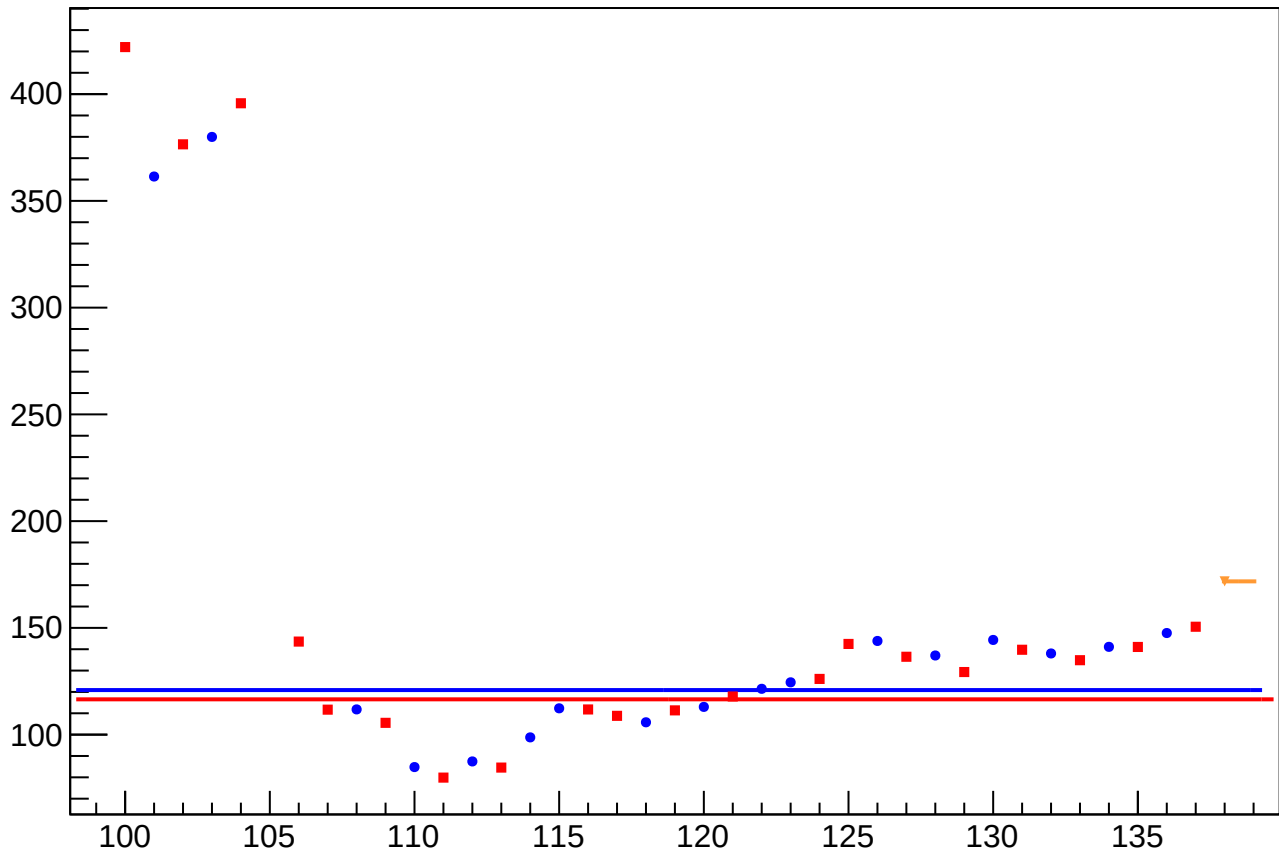
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134671.460 $\pm$ 0.049 χ^2 /NDF: 2086740127.1/17

134417.706 $\pm$ 0.034 χ^2 /NDF: 336309087

134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 120.872 $\pm$ 0.036 χ^2 /NDF: 1463728.4/16

Left Out: 171.790 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Right Out: 116.531 $\pm$ 0.033 χ^2 /NDF: 1541779.4/19

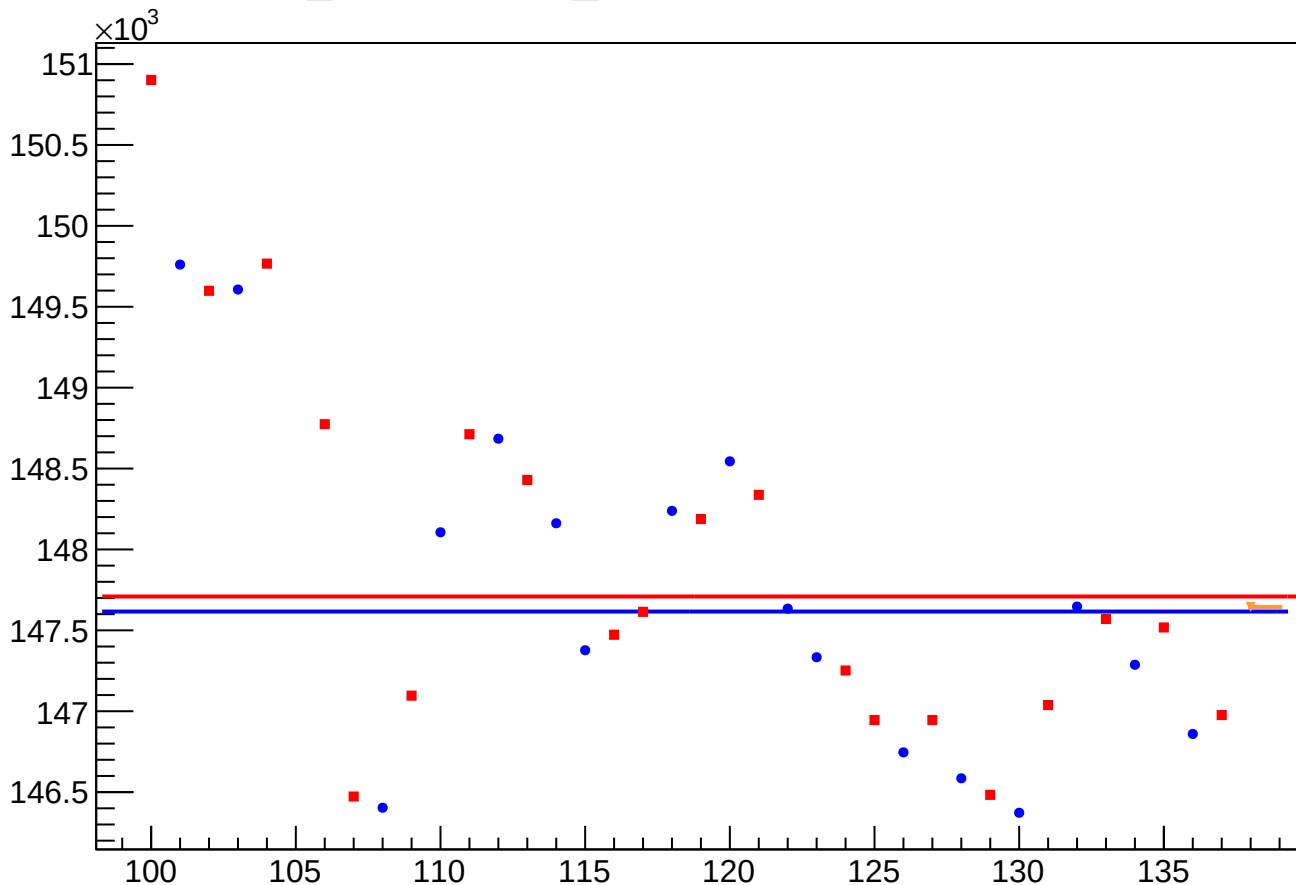
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

123.830 $\pm$ 0.035 χ^2 /NDF: 1582573.8/17

120.055 $\pm$ 0.024 χ^2 /NDF: 3147442.0/37

116.531 $\pm$ 0.033 χ^2 /NDF: 1541779.4/19

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147616.150 $\pm$ 0.062 χ^2 /NDF: 199263428.7/16

Left Out: 147644.658 $\pm$ 0.235 χ^2 /NDF: 0.0/0

147618.026 $\pm$ 0.060 χ^2 /NDF: 199277127.6/17

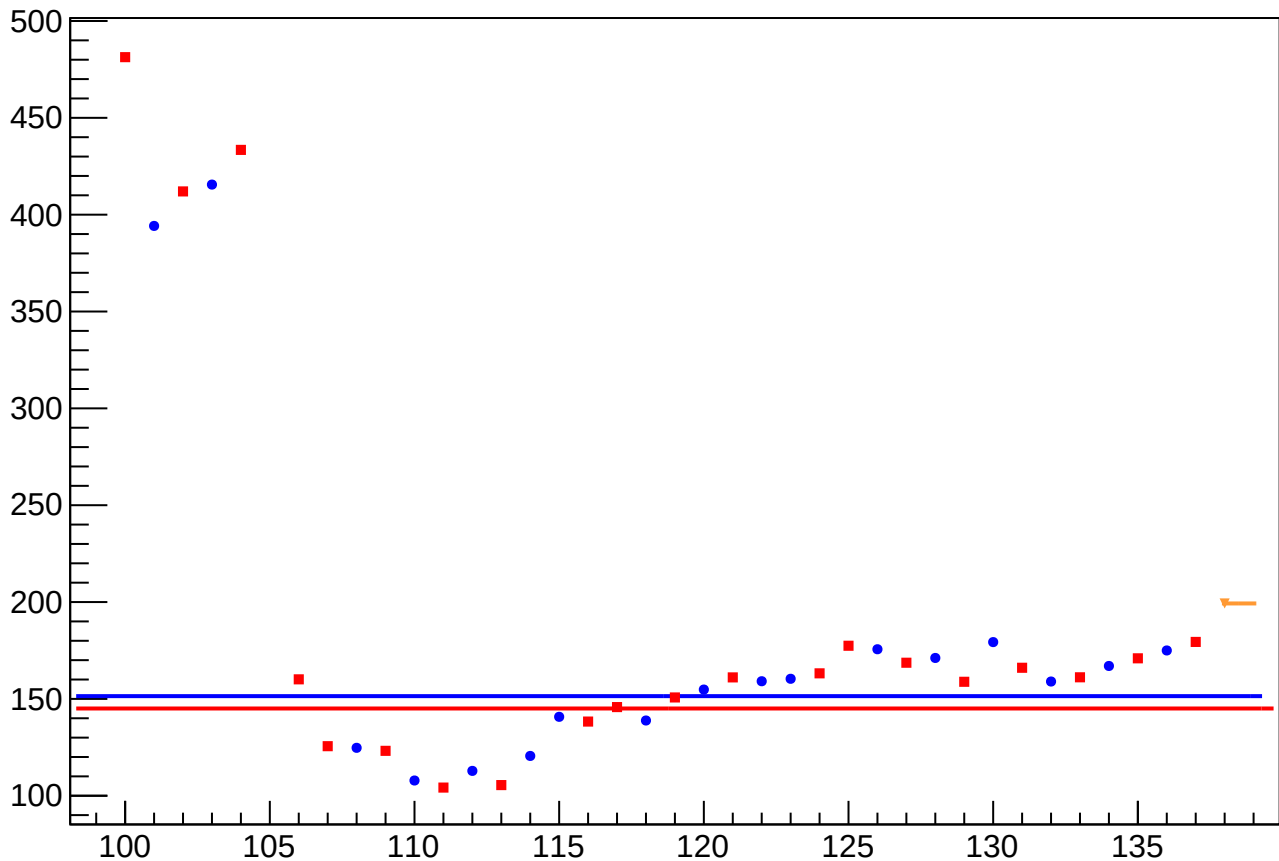
Right Out: 147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

147665.296 $\pm$ 0.042 χ^2 /NDF: 404381699

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

147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 151.424+/-0.044 χ^2/NDF : 1257843.0/16

Left Out: 199.275+/-0.166 χ^2/NDF : 0.0/0

Right Out: 145.044+/-0.041 χ^2/NDF : 1375974.1/19

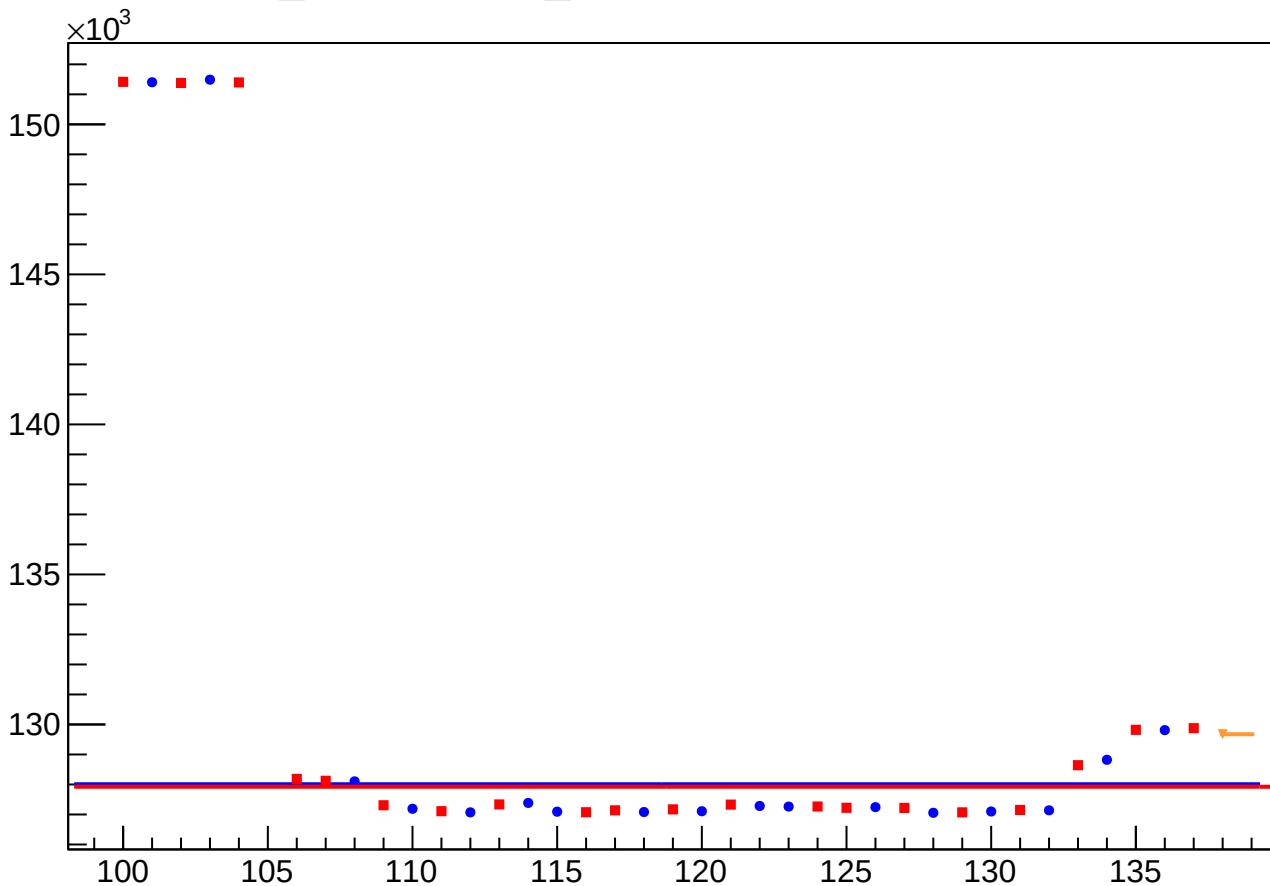
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

154.573+/-0.043 χ^2/NDF : 1335033.1/17

149.627+/-0.030 χ^2/NDF : 2736850.3/37

145.044+/-0.041 χ^2/NDF : 1375974.1/19

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128007.364+/-0.054 χ^2/NDF : 4319785674.5/16

Left Out: 129674.703+/-0.209 χ^2/NDF :0.0/0

Right Out: 127923.940+/-0.050 χ^2/NDF : 3770107280.1/19

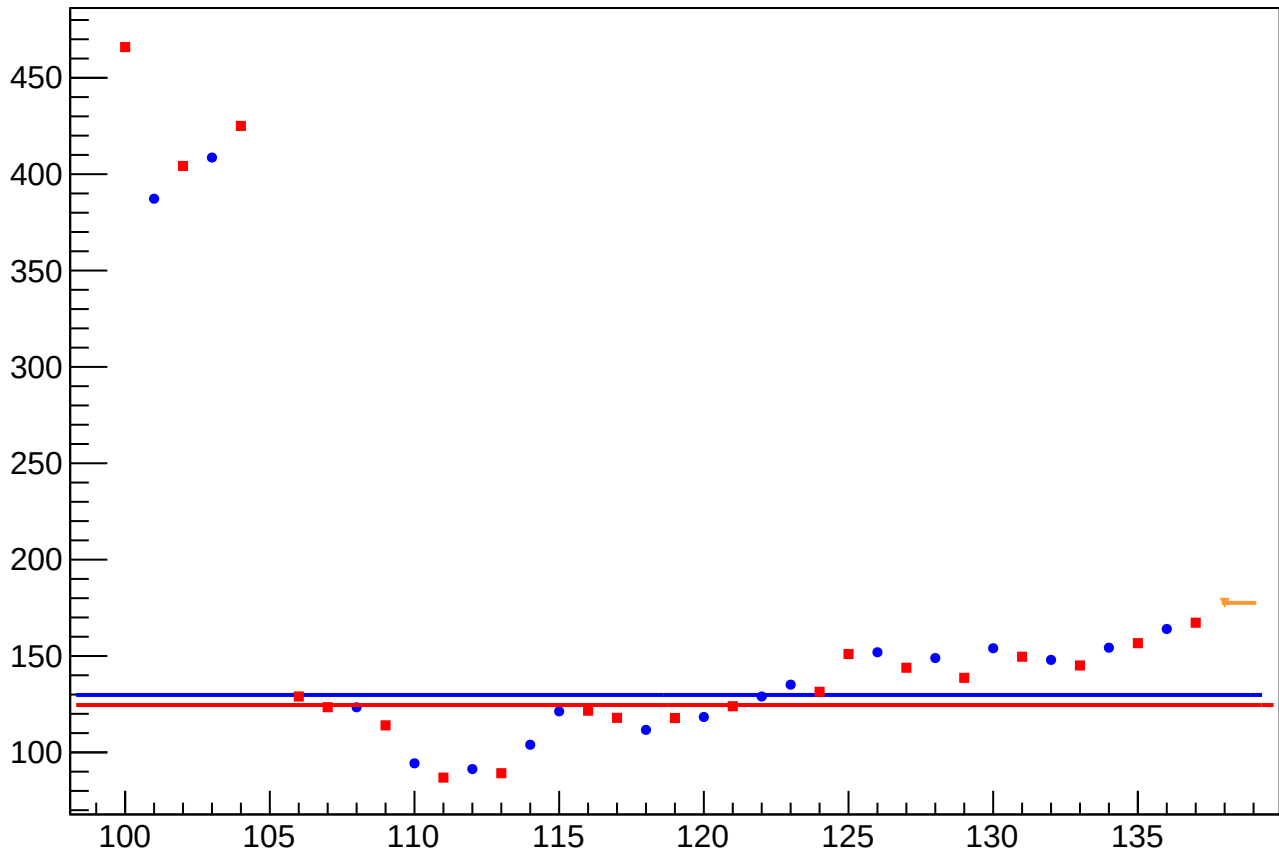
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

128111.757+/-0.052 χ^2/NDF : 4379204081.4/17

128013.789+/-0.036 χ^2/NDF : 815601211

127923.940+/-0.050 χ^2/NDF : 3770107280.1/19

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796+/-0.038 χ^2/NDF : 1485294.2/16

Left Out: 177.564+/-0.148 χ^2/NDF : 0.0/0

Right Out: 124.572+/-0.035 χ^2/NDF : 1532105.0/19

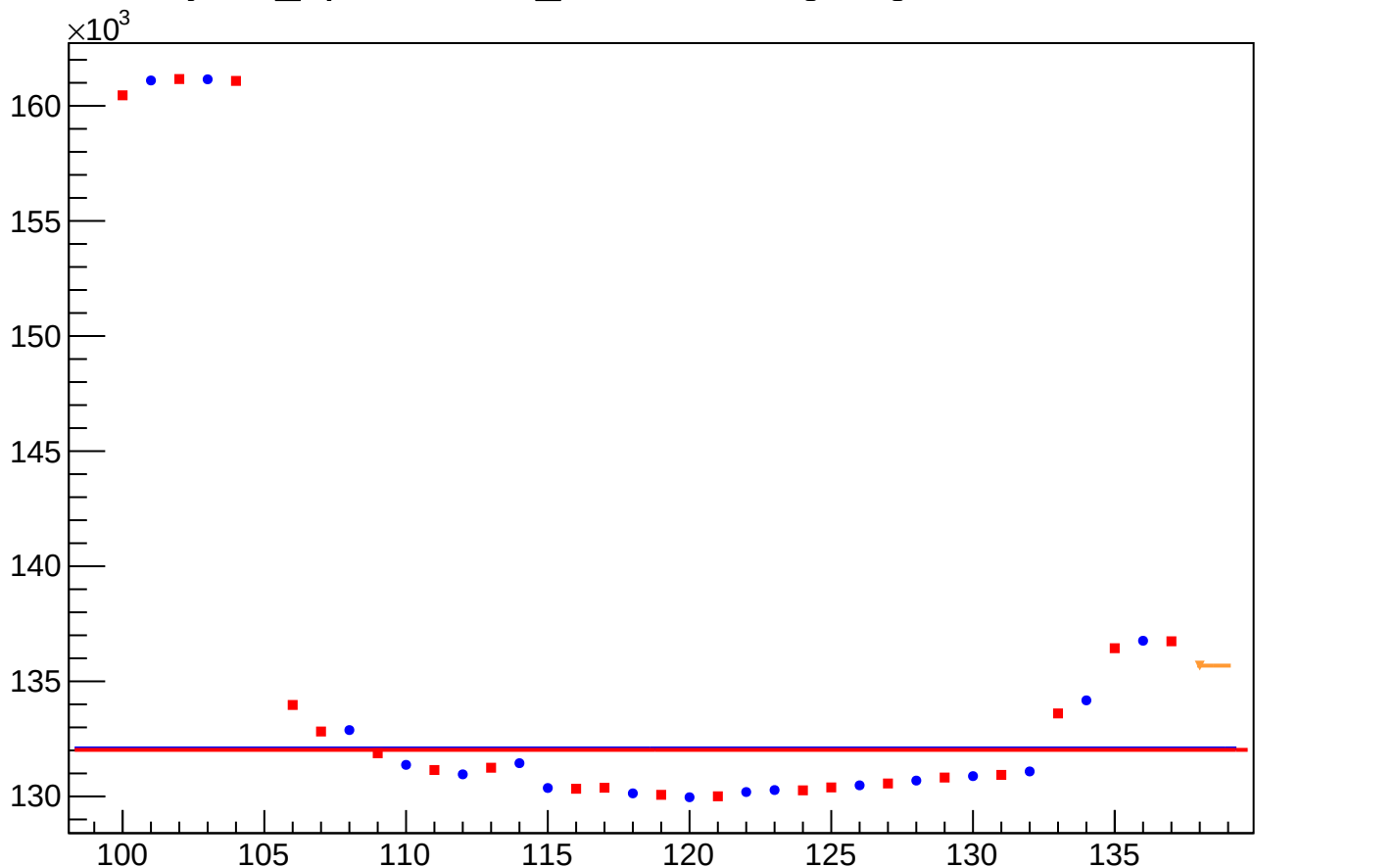
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

132.787+/-0.037 χ^2/NDF : 1582832.0/17

128.502+/-0.026 χ^2/NDF : 3140574.6/37

124.572+/-0.035 χ^2/NDF : 1532105.0/19

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16

Left Out: 135682.634 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Right Out: 132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

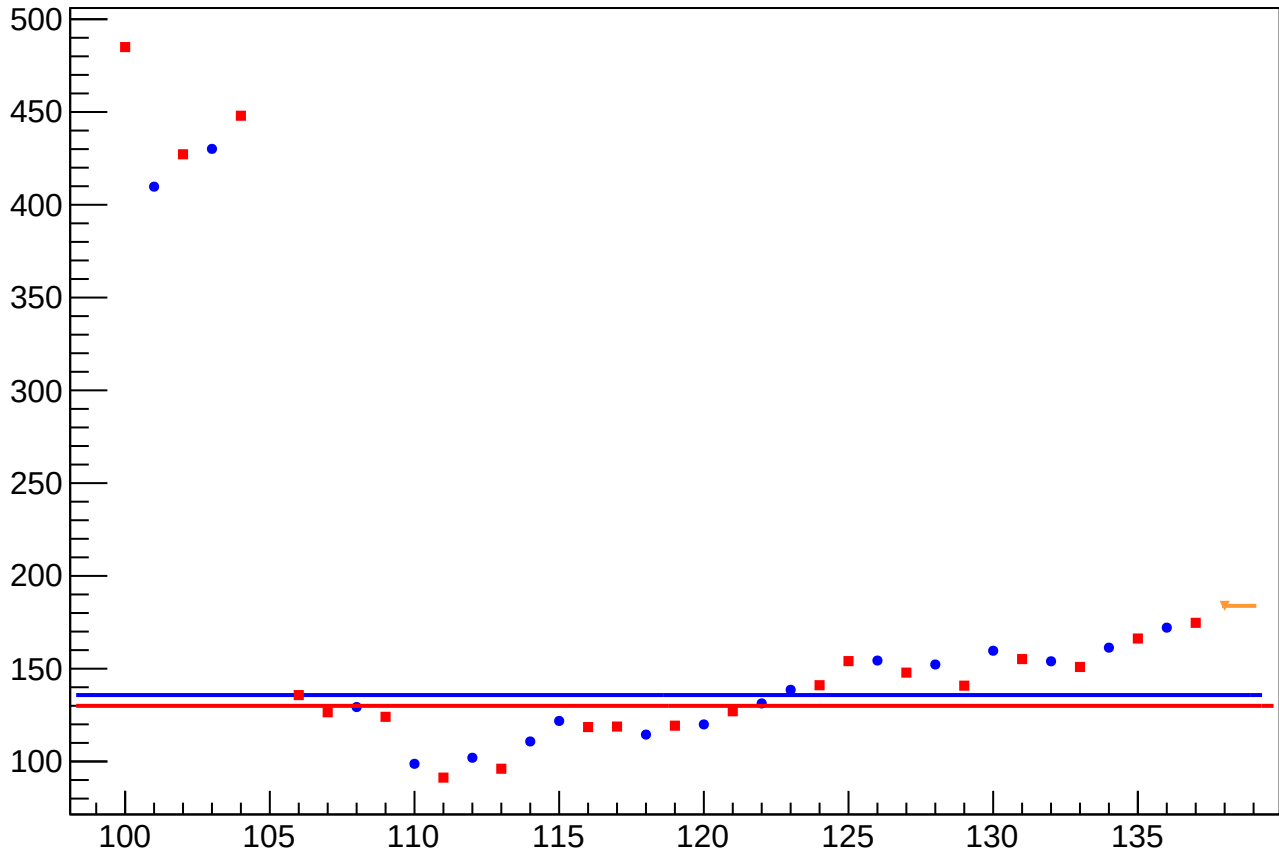
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

132315.593 $\pm$ 0.055 χ^2 /NDF: 6990726729.3/17

132163.087 $\pm$ 0.038 χ^2 /NDF: 128961031

132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.796+/-0.040 χ^2/NDF : 1441904.9/16

Left Out: 183.852+/-0.153 χ^2/NDF : 0.0/0

Right Out: 129.975+/-0.037 χ^2/NDF : 1504768.0/19

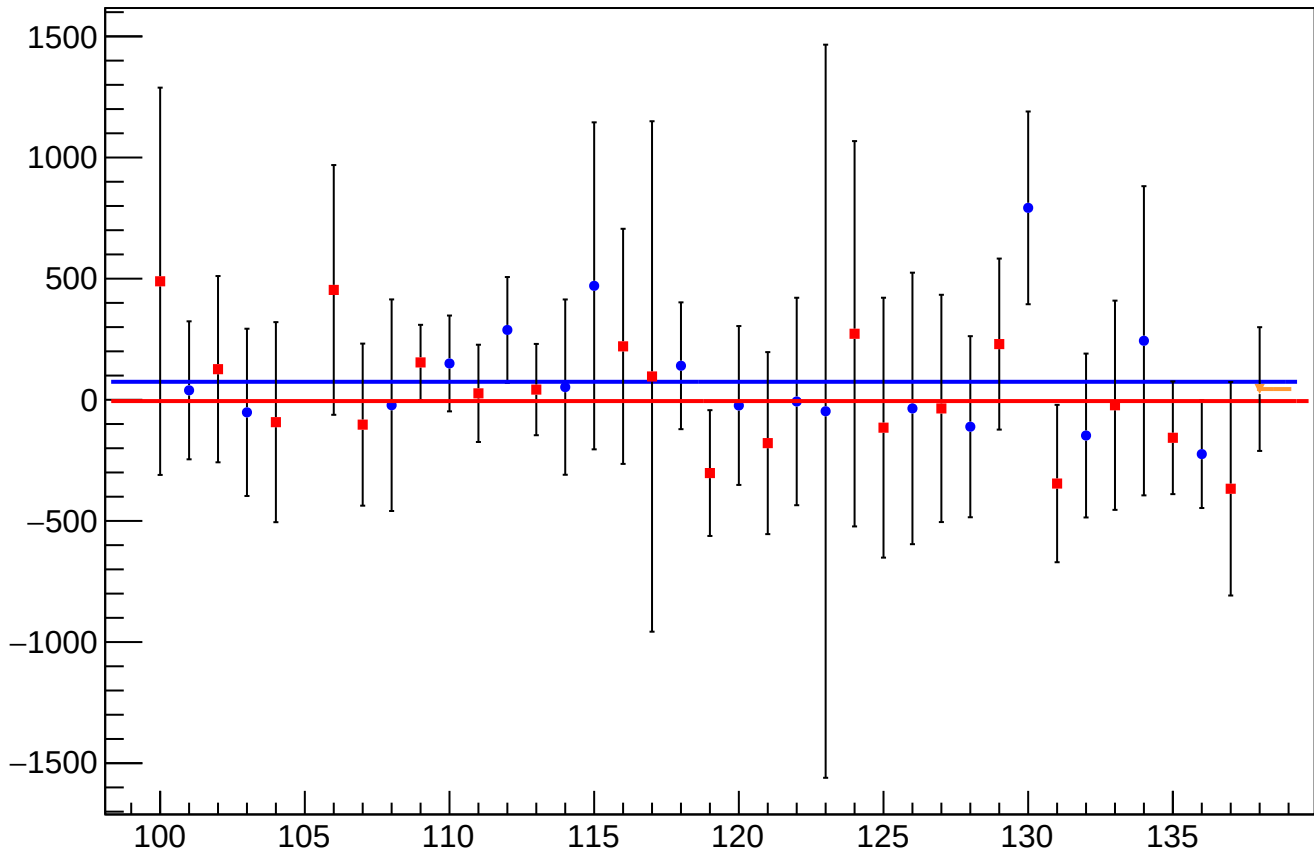
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.854+/-0.039 χ^2/NDF : 1533884.9/17

134.216+/-0.027 χ^2/NDF : 3066179.4/37

129.975+/-0.037 χ^2/NDF : 1504768.0/19

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 74.294+/-79.018 χ^2/NDF : 7.7/16

Left Out: 44.315+/-255.375 χ^2/NDF : 0.0/0

Right Out: -5.290+/-69.914 χ^2/NDF : 7.1/19

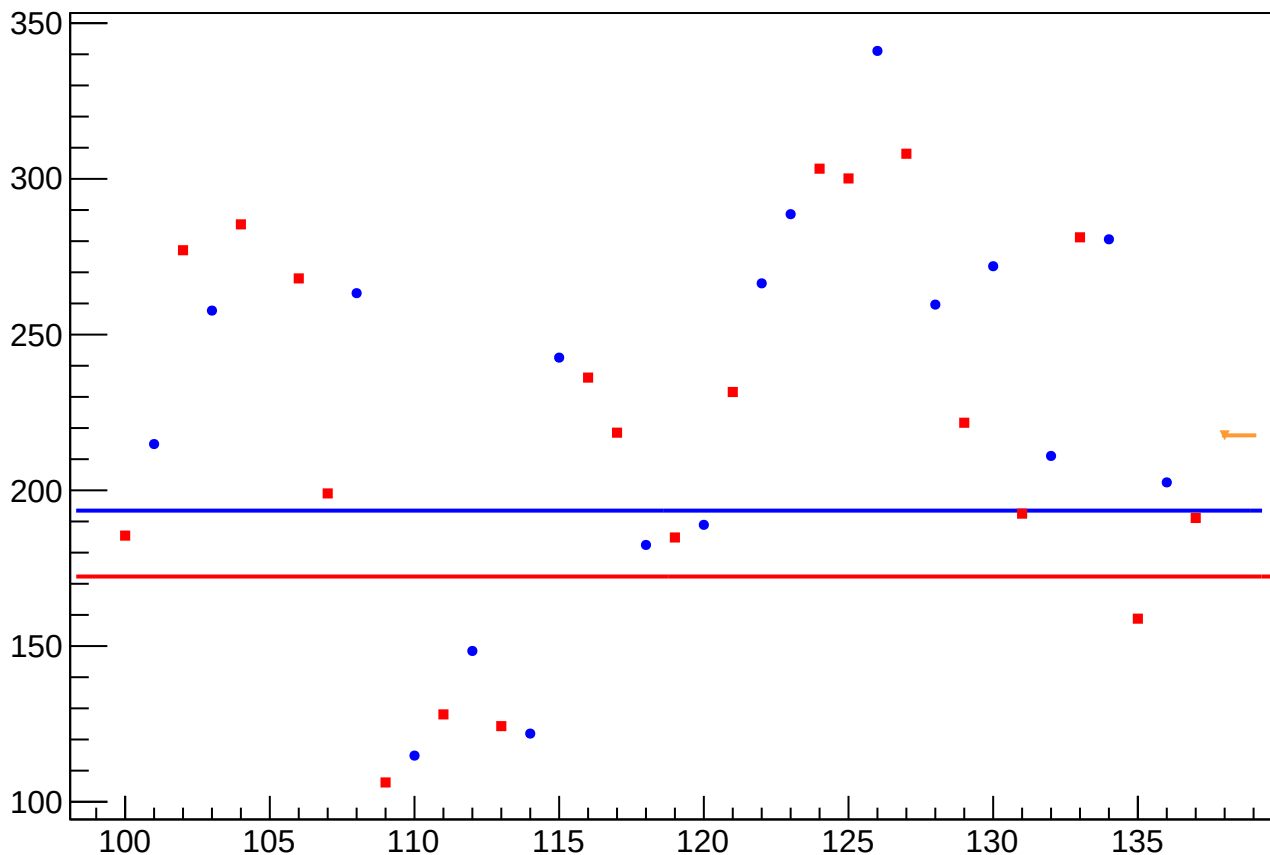
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.675+/-75.487 χ^2/NDF : 7.7/17

30.247+/-51.294 χ^2/NDF : 15.4/37

-5.290+/-69.914 χ^2/NDF : 7.1/19

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.488 $\pm$ 0.056 χ^2 /NDF: 1017195.7/16

Left Out: 217.650 $\pm$ 0.181 χ^2 /NDF: 0.0/0

Right Out: 172.327 $\pm$ 0.049 χ^2 /NDF: 1583701.4/19

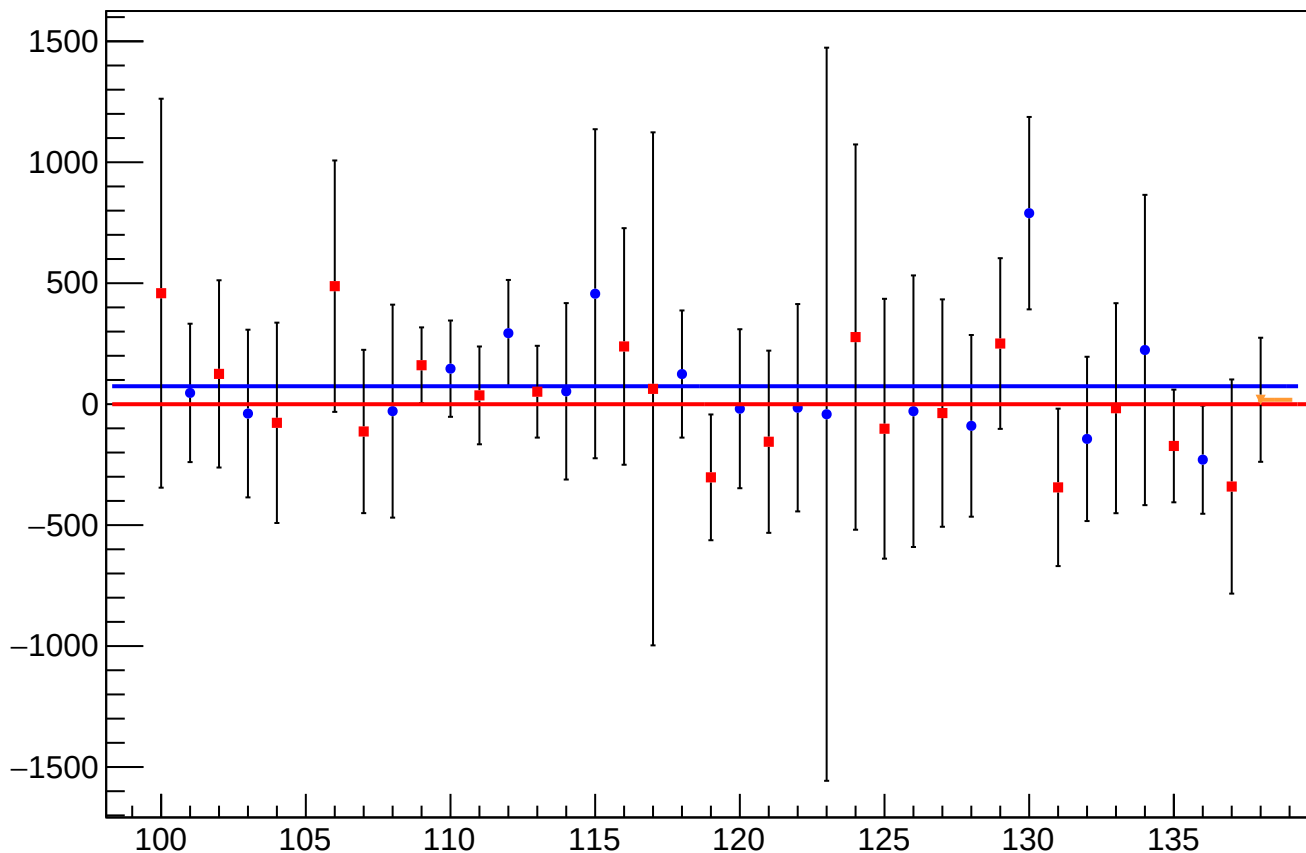
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

195.599 $\pm$ 0.053 χ^2 /NDF: 1033535.2/17

183.072 $\pm$ 0.036 χ^2 /NDF: 2719558.3/37

172.327 $\pm$ 0.049 χ^2 /NDF: 1583701.4/19

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 74.098+/-79.404 χ^2/NDF : 7.6/16

Left Out: 18.151+/-256.464 χ^2/NDF : 0.0/0

Right Out: -0.223+/-70.282 χ^2/NDF : 7.3/19

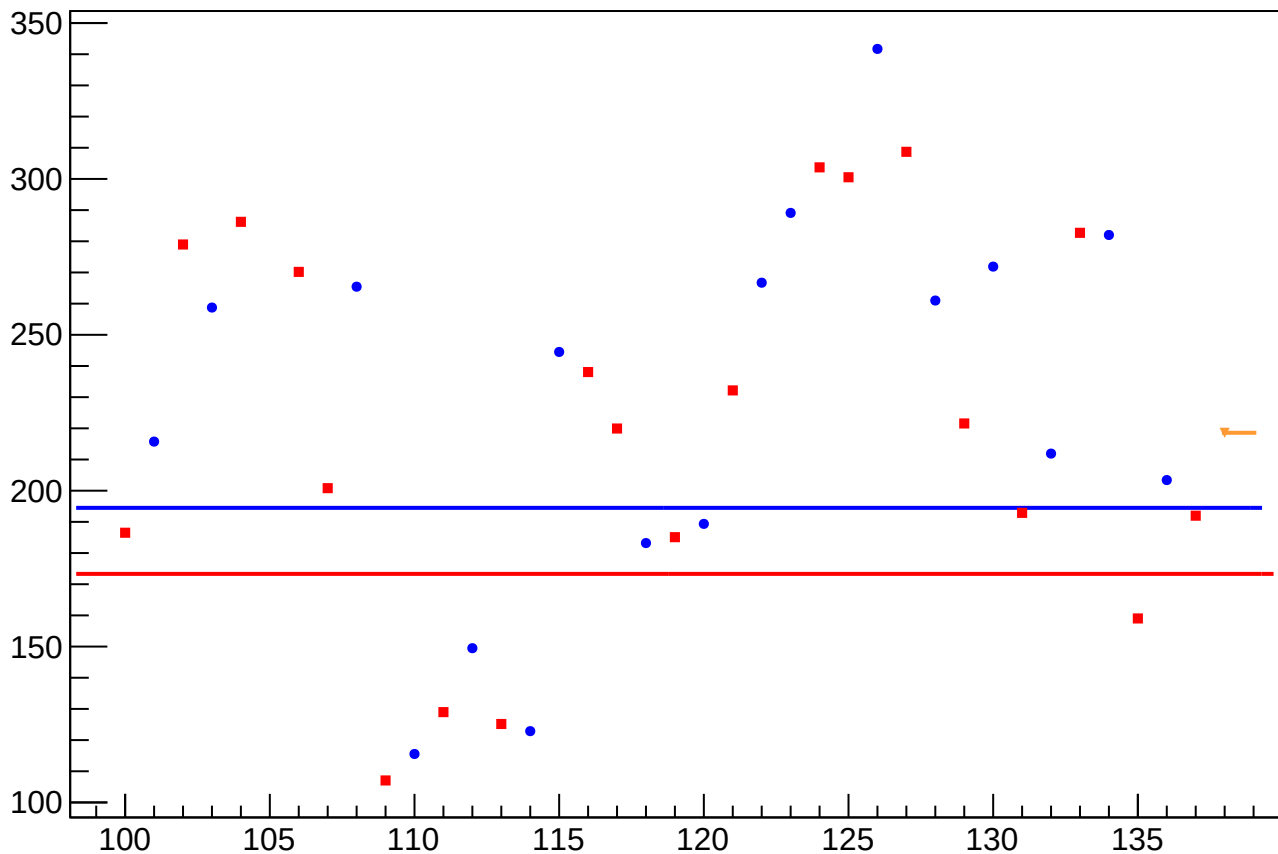
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.204+/-75.851 χ^2/NDF : 7.6/17

31.848+/-51.553 χ^2/NDF : 15.4/37

-0.223+/-70.282 χ^2/NDF : 7.3/19

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



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

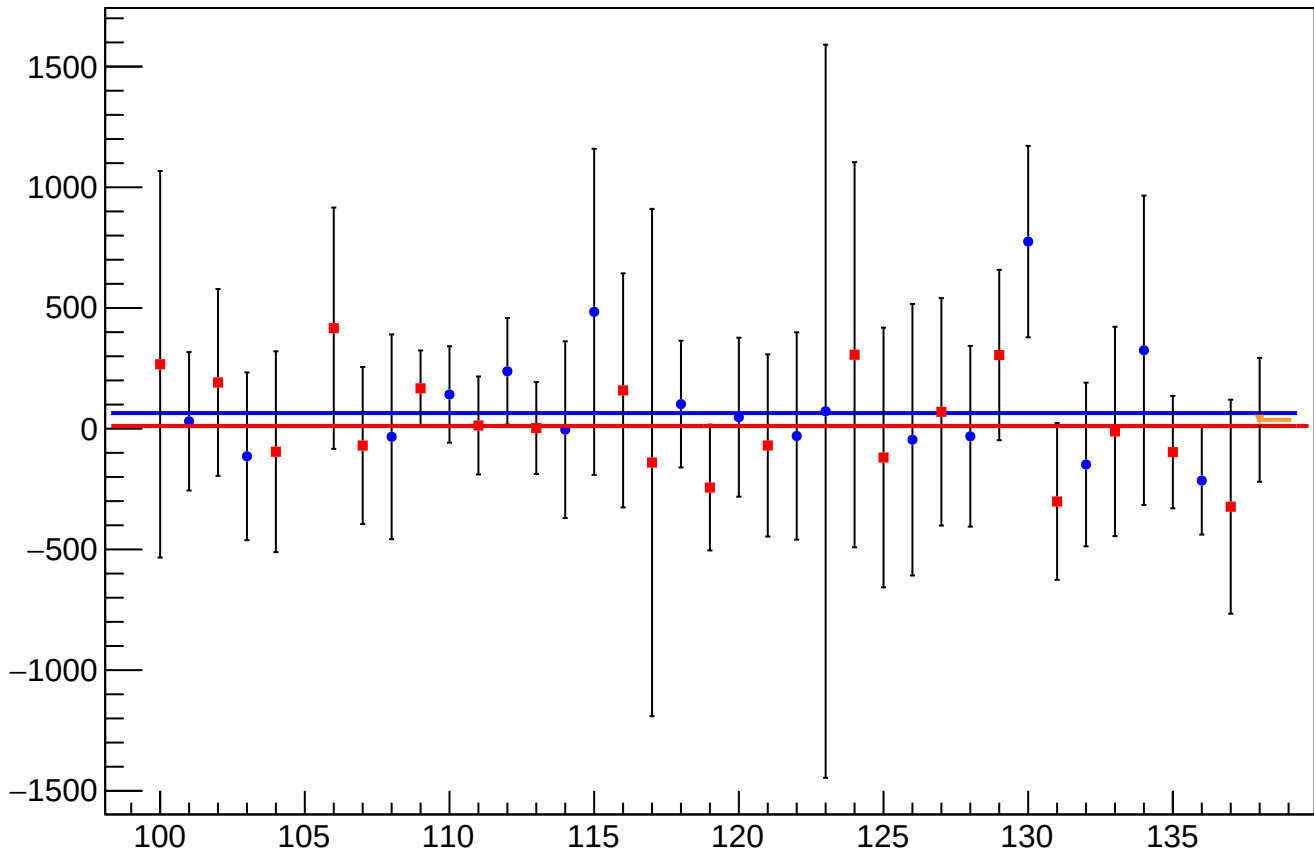
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

196.602+/-0.054 χ^2/NDF : 1024599.9/17

184.074+/-0.036 χ^2/NDF : 2697273.2/37

173.317+/-0.050 χ^2/NDF : 1571258.4/19

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 64.733+/-79.399 χ^2/NDF : 7.0/16

Left Out: 36.928+/-256.646 χ^2/NDF : 0.0/0

Right Out: 11.414+/-70.204 χ^2/NDF : 5.8/19

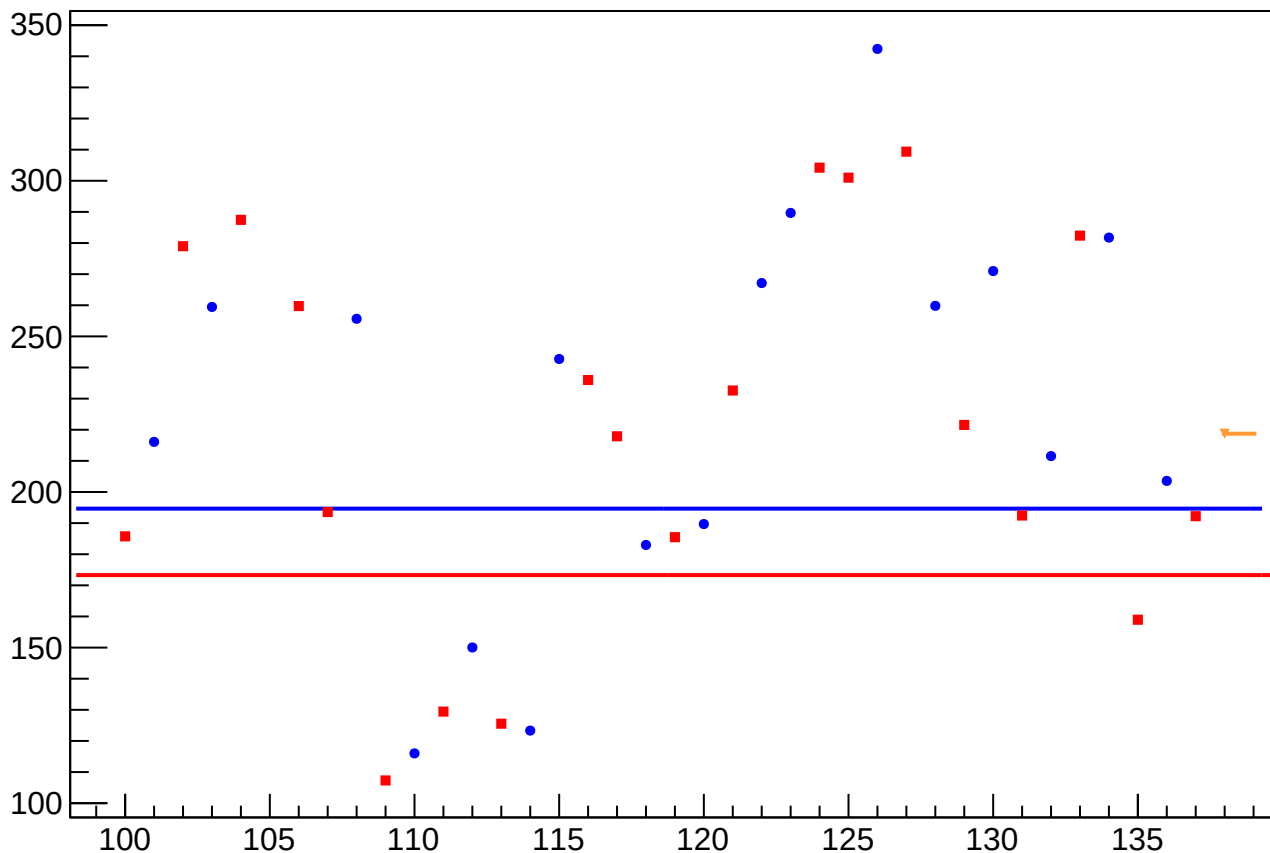
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

62.304+/-75.852 χ^2/NDF : 7.0/17

34.894+/-51.523 χ^2/NDF : 13.1/37

11.414+/-70.204 χ^2/NDF : 5.8/19

asym_bcm_an_us_rms vs Slug, Sign Corrected



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

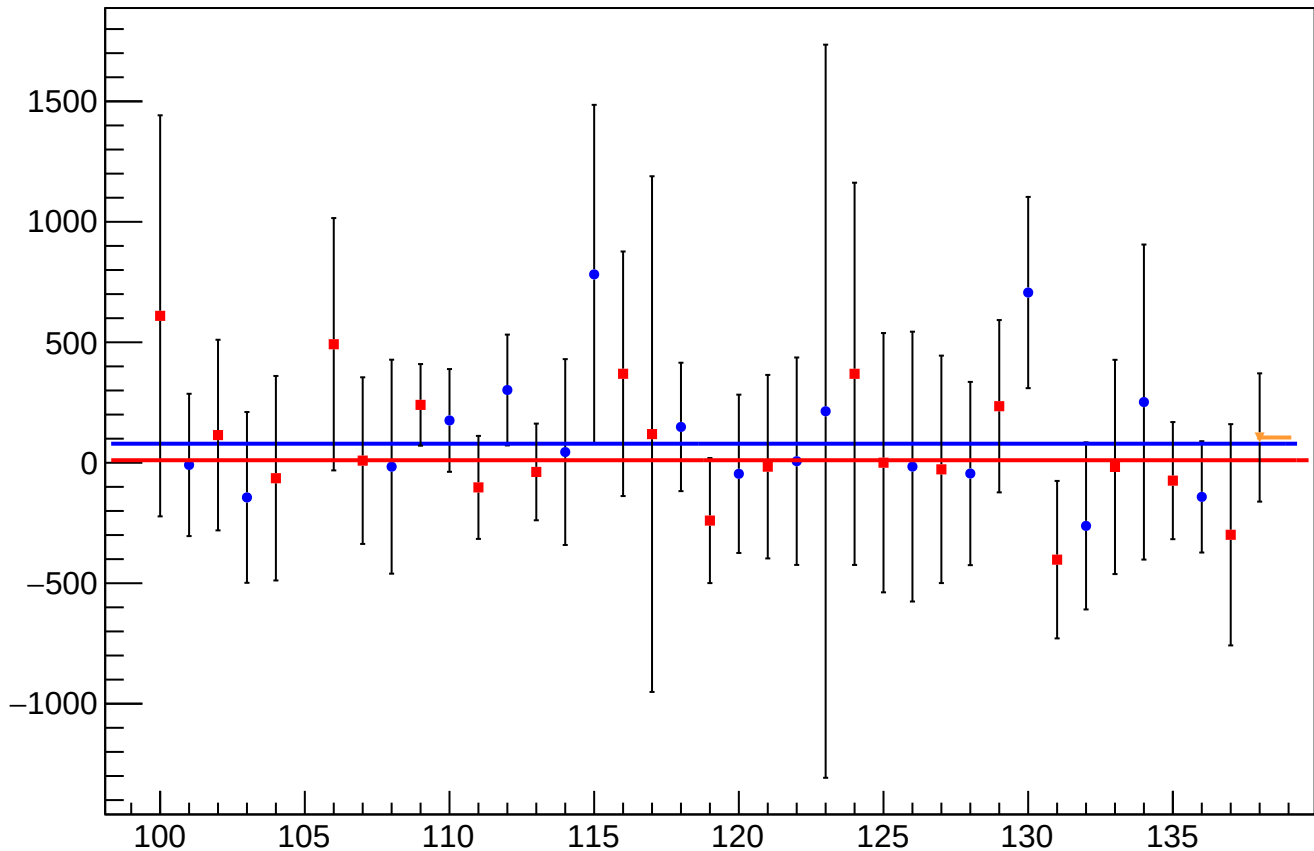
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

196.755 $\pm$ 0.054 χ^2 /NDF: 1002856.9/17

184.116 $\pm$ 0.036 χ^2 /NDF: 2654115.0/37

173.289 $\pm$ 0.050 χ^2 /NDF: 1548162.6/19

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 79.128 $\pm$ 81.874 χ^2 /NDF: 7.5/16

Left Out: 104.914 $\pm$ 266.200 χ^2 /NDF: 0.0/0

Right Out: 10.491 $\pm$ 73.139 χ^2 /NDF: 7.9/19

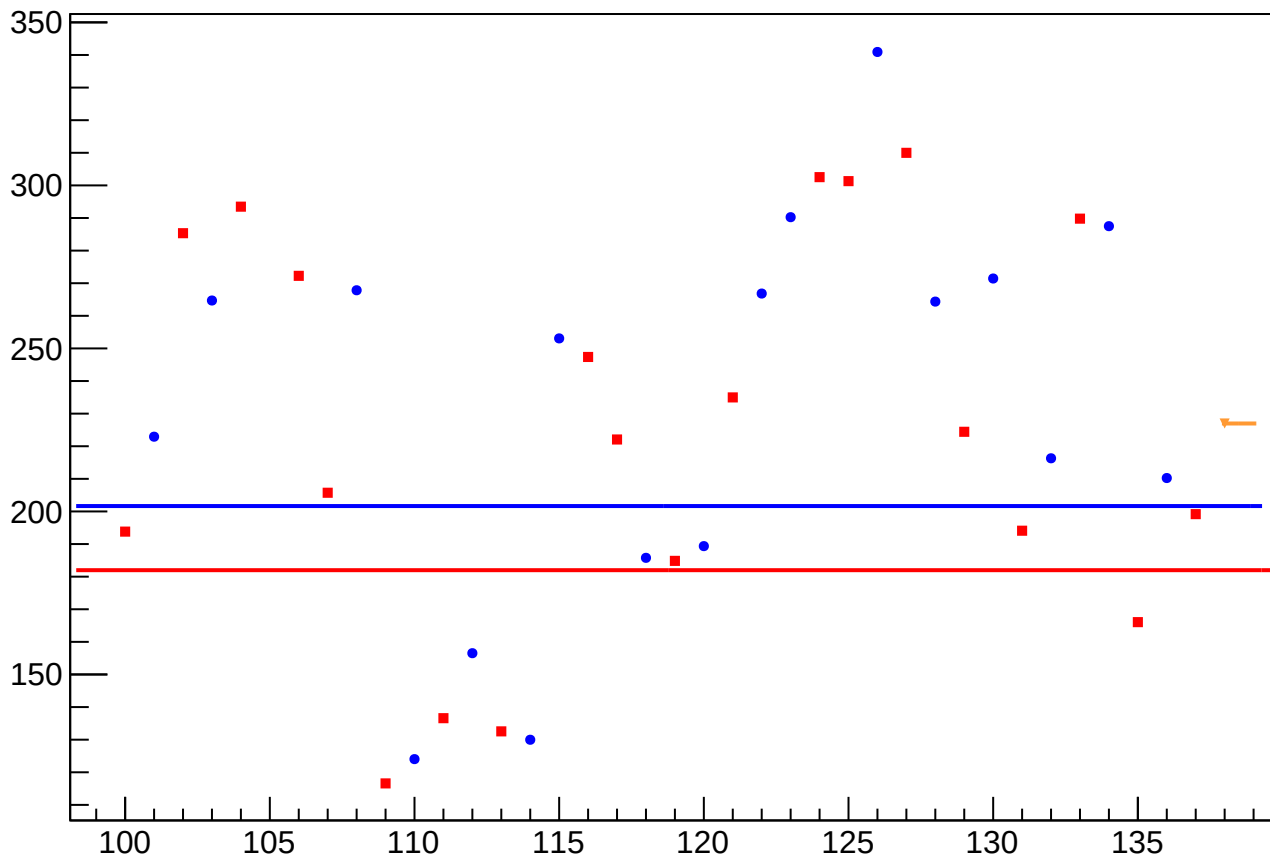
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

81.357 $\pm$ 78.257 χ^2 /NDF: 7.5/17

43.531 $\pm$ 53.435 χ^2 /NDF: 15.8/37

10.491 $\pm$ 73.139 χ^2 /NDF: 7.9/19

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

Left Out: 226.974 $\pm$ 0.188 χ^2 /NDF: 0.0/0

Right Out: 181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

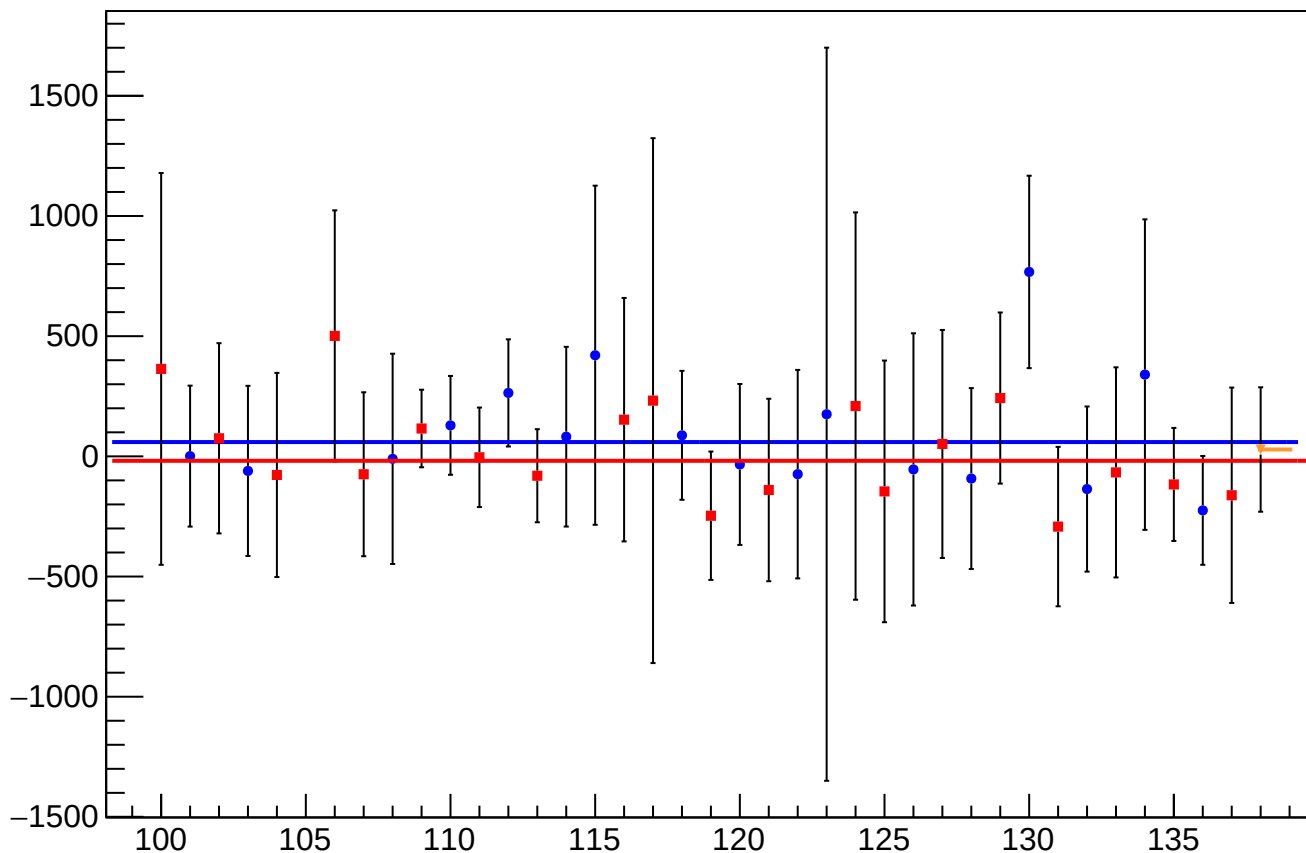
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

203.842 $\pm$ 0.055 χ^2 /NDF: 899710.4/17

192.176 $\pm$ 0.038 χ^2 /NDF: 2363254.9/37

181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.496+/-80.808 χ^2/NDF : 7.0/16

Left Out: 28.507+/-258.830 χ^2/NDF : 0.0/0

Right Out: -18.457+/-71.711 χ^2/NDF : 4.8/19

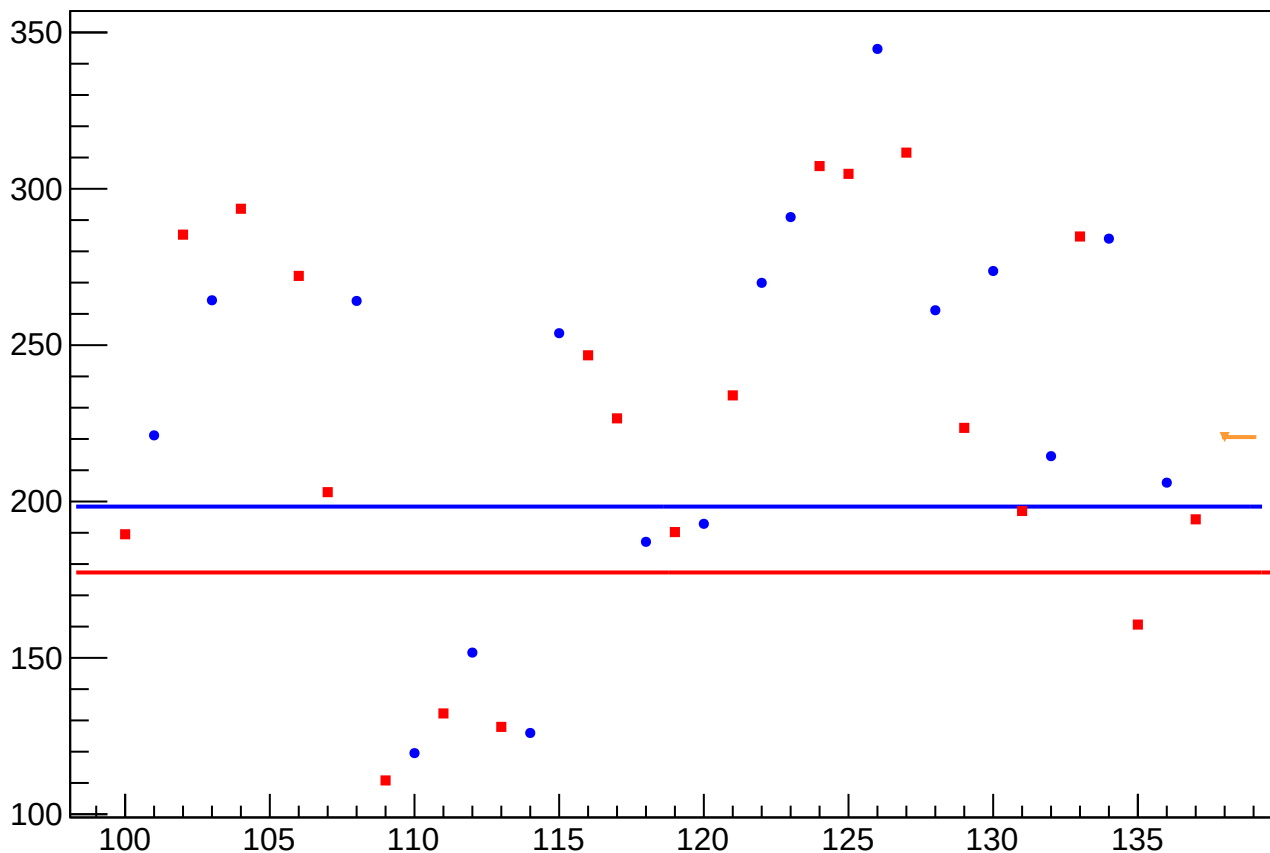
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

56.743+/-77.136 χ^2/NDF : 7.0/17

16.406+/-52.521 χ^2/NDF : 12.3/37

-18.457+/-71.711 χ^2/NDF : 4.8/19

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378+/-0.057 χ^2/NDF : 963672.6/16

Left Out: 220.604+/-0.183 χ^2/NDF : 0.0/0

Right Out: 177.309+/-0.051 χ^2/NDF : 1528855.2/19

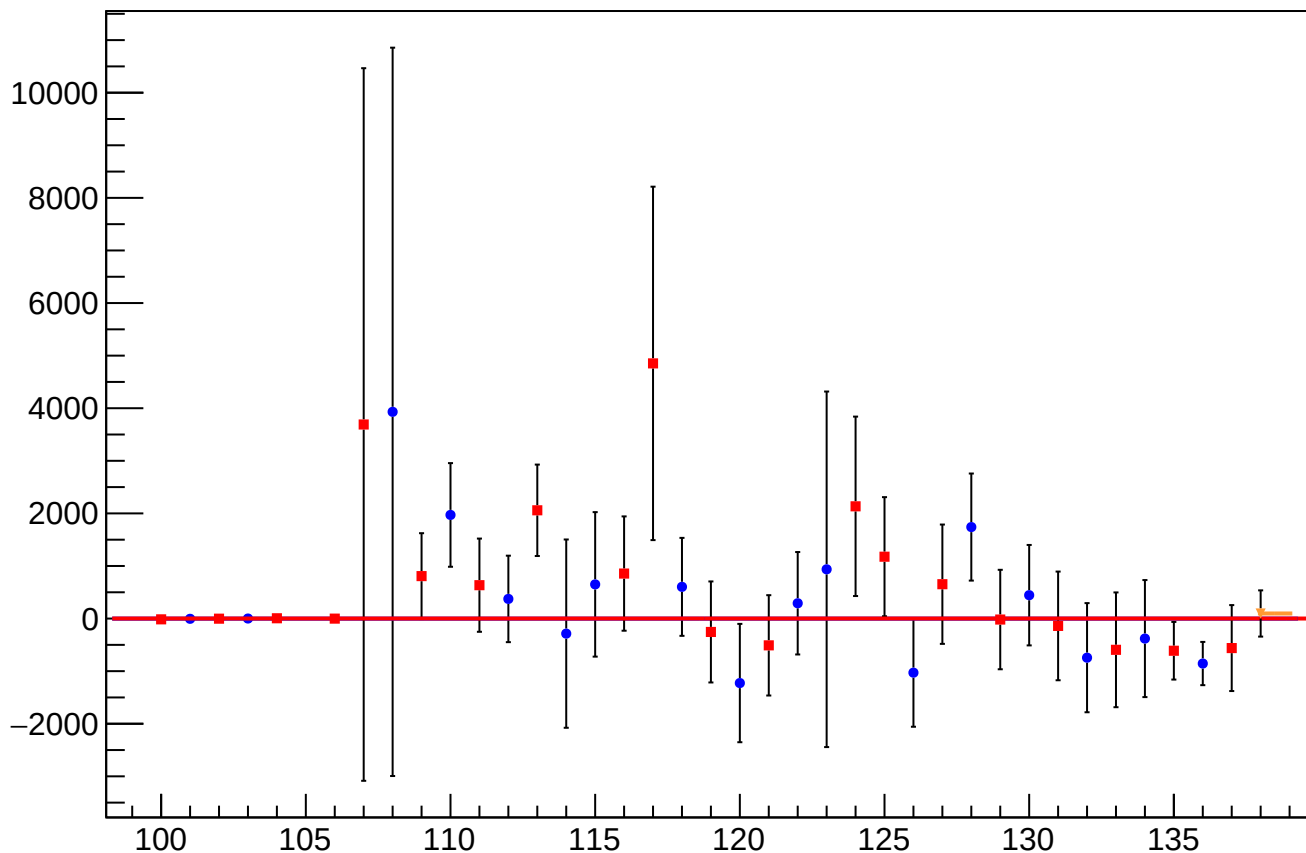
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.352+/-0.055 χ^2/NDF : 977110.3/17

187.992+/-0.037 χ^2/NDF : 2601701.0/37

177.309+/-0.051 χ^2/NDF : 1528855.2/19

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529 ± 2.251 χ^2/NDF : 17.0/16

Left Out: 96.714 ± 439.639 χ^2/NDF : 0.0/0

Right Out: 0.728 ± 2.111 χ^2/NDF : 21.4/19

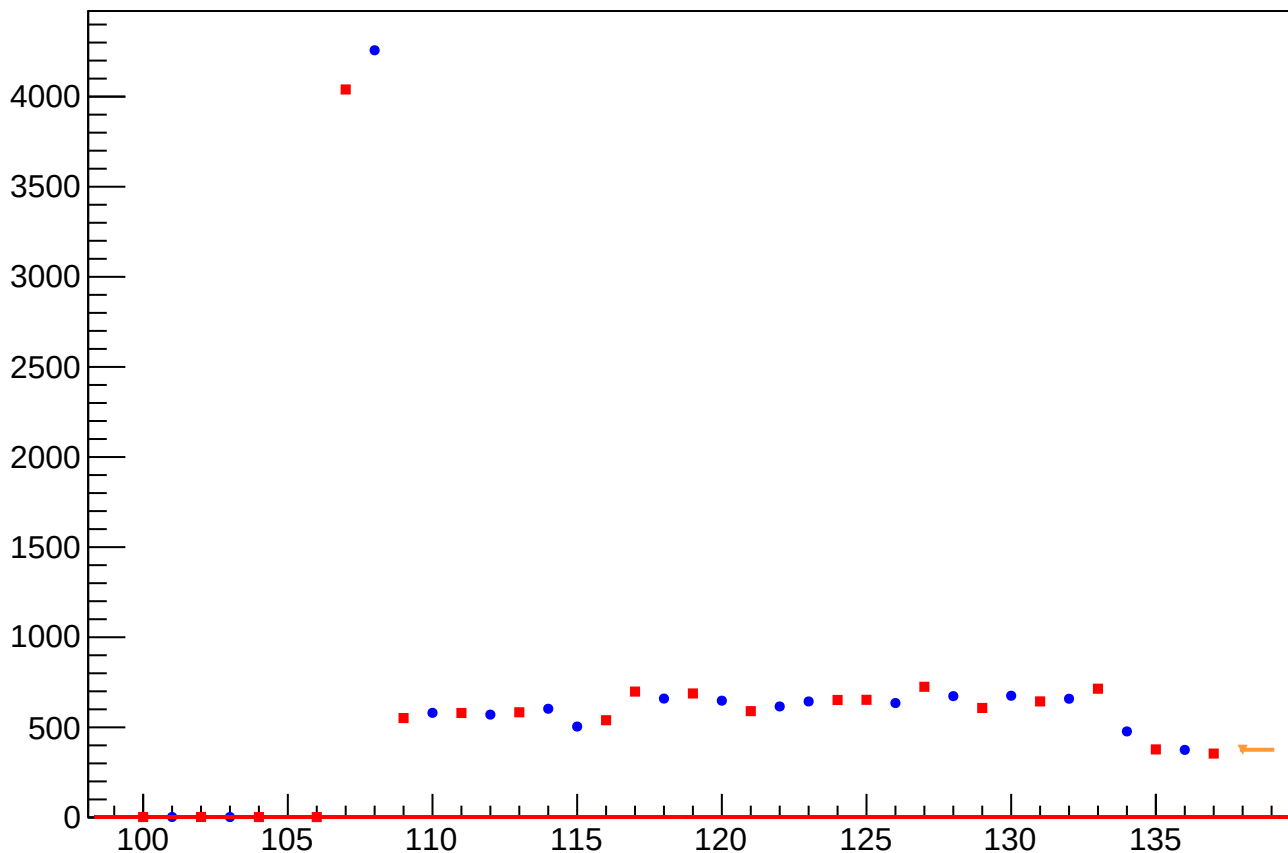
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.527 ± 2.251 χ^2/NDF : 17.0/17

-0.327 ± 1.540 χ^2/NDF : 38.9/37

0.728 ± 2.111 χ^2/NDF : 21.4/19

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.457+/-0.002 χ^2/NDF : 10847802.4/16

Left Out: 375.729+/-0.311 χ^2/NDF : 0.0/0

Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

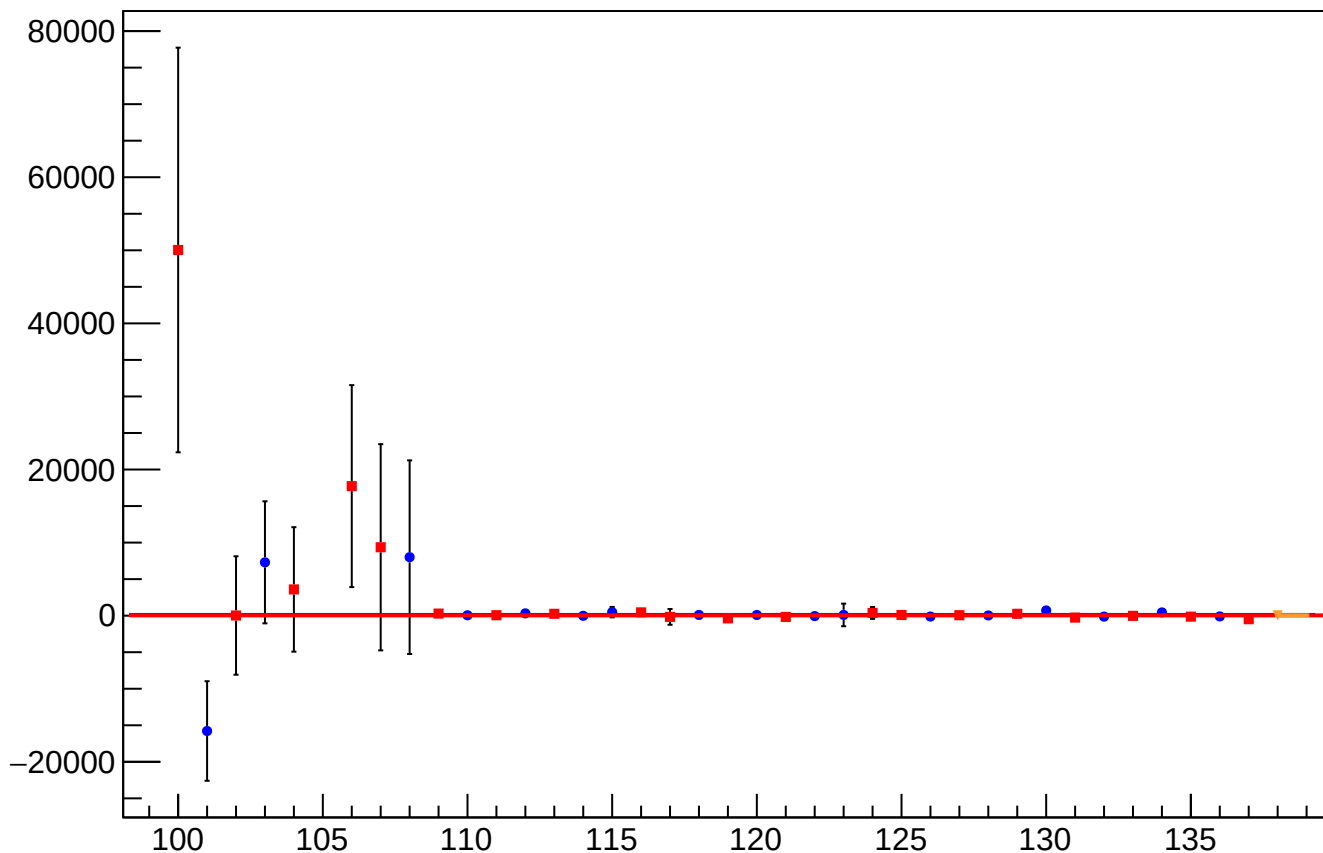
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.466+/-0.002 χ^2/NDF : 12289511.0/17

2.451+/-0.001 χ^2/NDF : 23522900.8/37

2.437+/-0.001 χ^2/NDF : 11233207.9/19

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 98.643+/-90.860 χ^2/NDF : 11.9/16

Left Out: 48.838+/-260.113 χ^2/NDF : 0.0/0

Right Out: 41.024+/-84.237 χ^2/NDF : 13.9/19

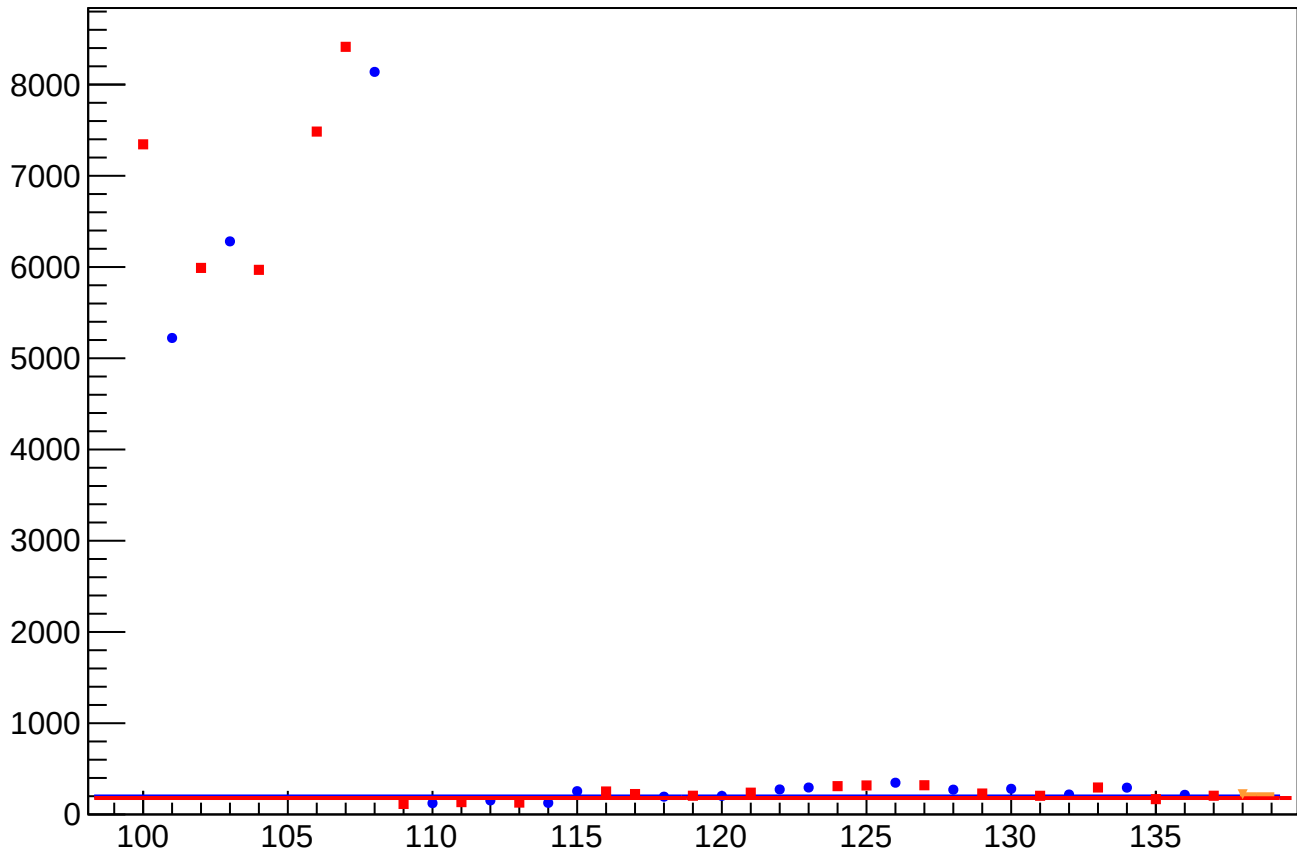
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.227+/-85.777 χ^2/NDF : 11.9/17

66.652+/-60.102 χ^2/NDF : 26.0/37

41.024+/-84.237 χ^2/NDF : 13.9/19

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086+/-0.064 χ^2/NDF : 3693614.0/16

Left Out: 221.182+/-0.184 χ^2/NDF : 0.0/0

Right Out: 180.217+/-0.060 χ^2/NDF : 4324457.3/19

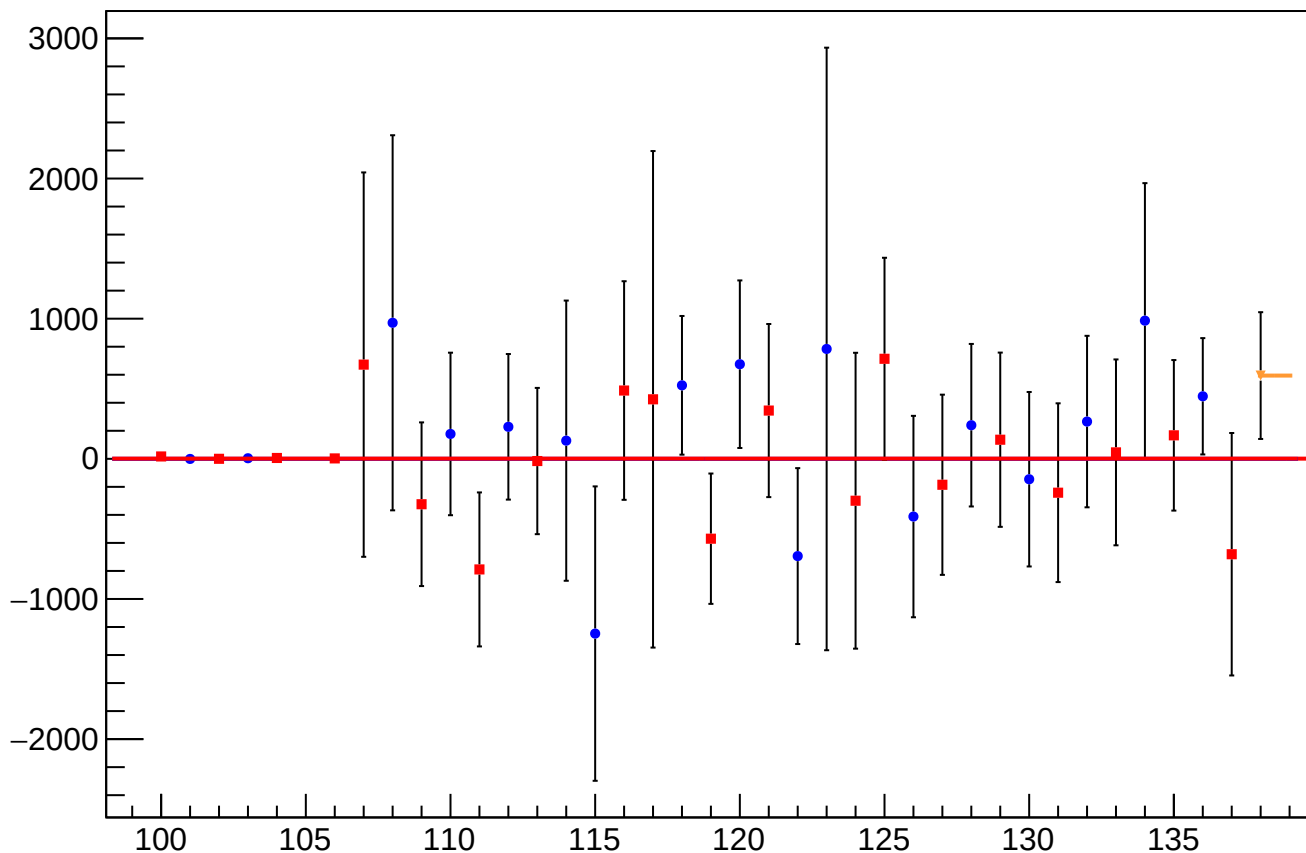
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.706+/-0.061 χ^2/NDF : 3708911.7/17

189.785+/-0.042 χ^2/NDF : 8085926.0/37

180.217+/-0.060 χ^2/NDF : 4324457.3/19

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.138 ± 1.737 χ^2/NDF : 9.7/16

Left Out: 593.976 ± 452.268 χ^2/NDF : 0.0/0

Right Out: 1.324 ± 1.623 χ^2/NDF : 9.7/19

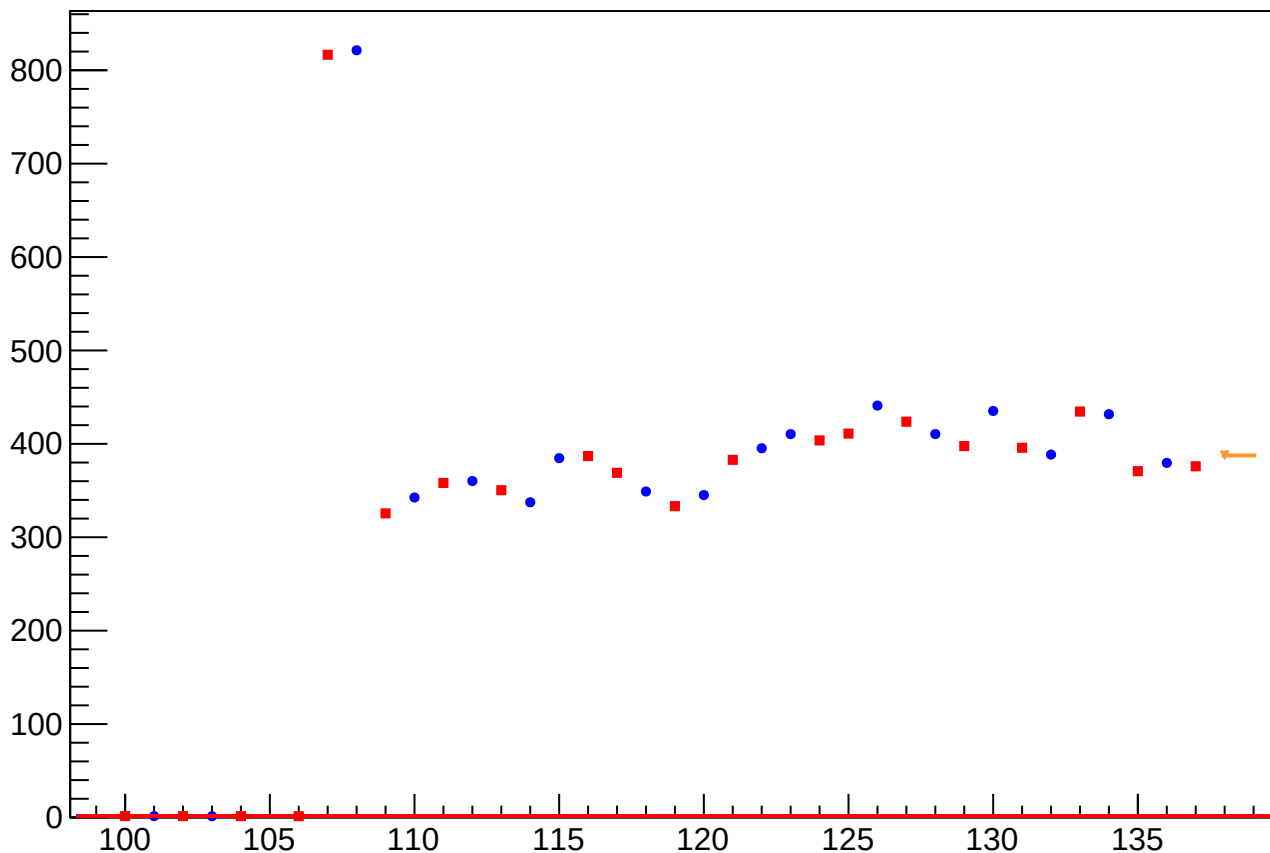
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.129 ± 1.737 χ^2/NDF : 11.5/17

0.647 ± 1.186 χ^2/NDF : 21.5/37

1.324 ± 1.623 χ^2/NDF : 9.7/19

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.453+/-0.001 χ^2/NDF : 10957986.8/16

Left Out: 387.583+/-0.320 χ^2/NDF : 0.0/0

Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

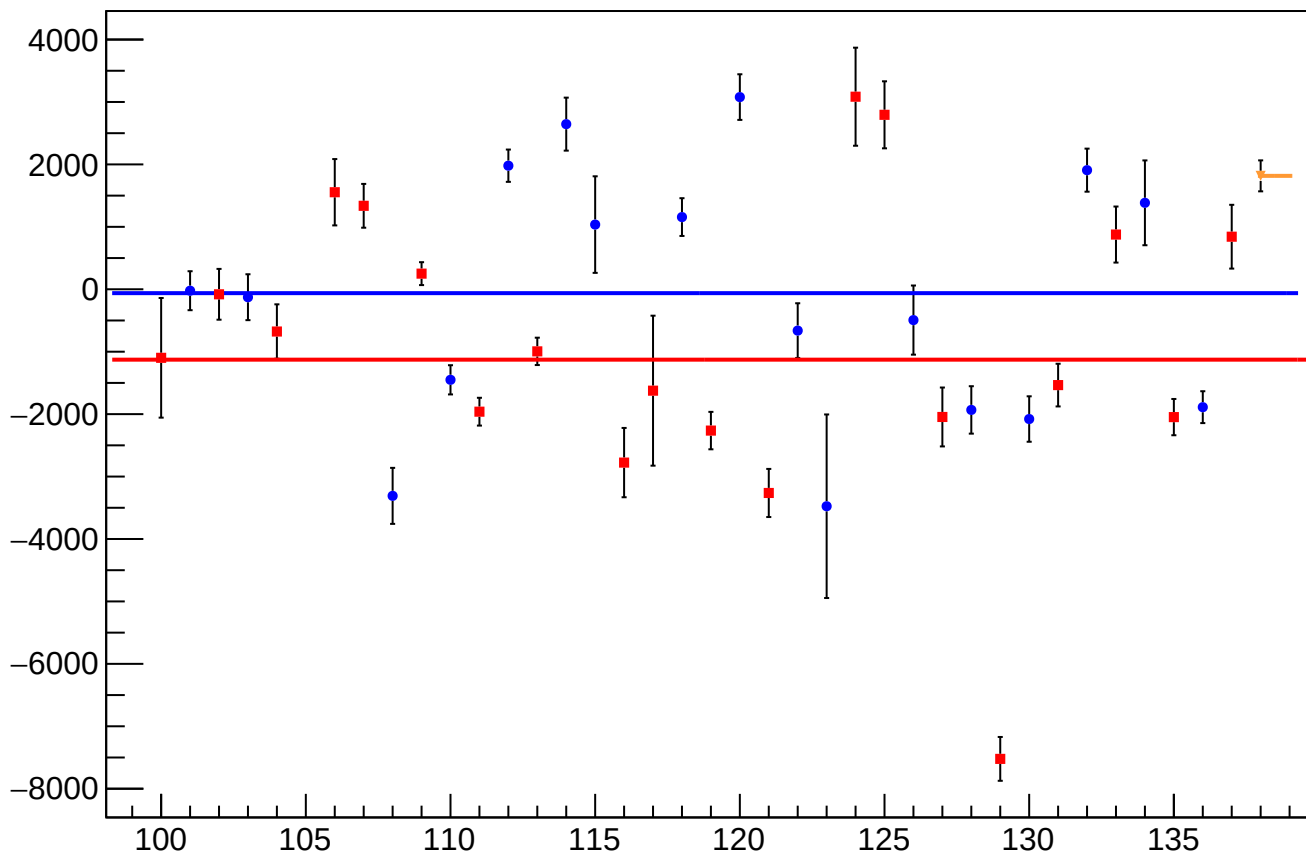
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.459+/-0.001 χ^2/NDF : 12415793.9/17

1.455+/-0.001 χ^2/NDF : 23382644.6/37

1.451+/-0.001 χ^2/NDF : 10966832.6/19

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -62.164 $\pm$ 87.424 χ^2 /NDF: 433.9/16

Left Out: 1816.614 $\pm$ 248.032 χ^2 /NDF: 0.0/0

Right Out: -1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

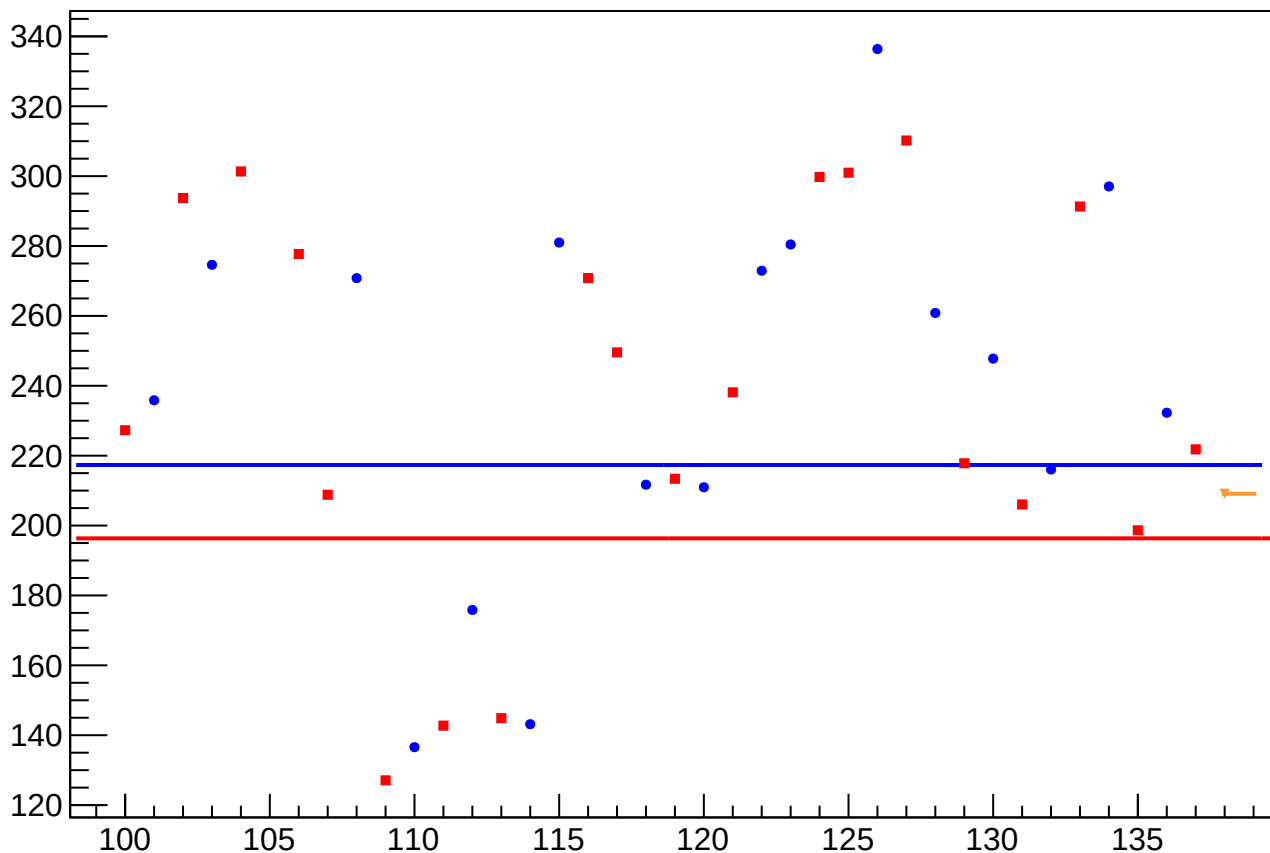
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

145.453 $\pm$ 82.452 χ^2 /NDF: 485.0/17

-524.692 $\pm$ 56.741 χ^2 /NDF: 1281.8/37

-1127.552 $\pm$ 78.203 χ^2 /NDF: 671.4/19

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330 $\pm$ 0.062 χ^2 /NDF: 652722.5/16

Left Out: 209.106 $\pm$ 0.175 χ^2 /NDF: 0.0/0

Right Out: 196.332 $\pm$ 0.055 χ^2 /NDF: 1194678.0/19

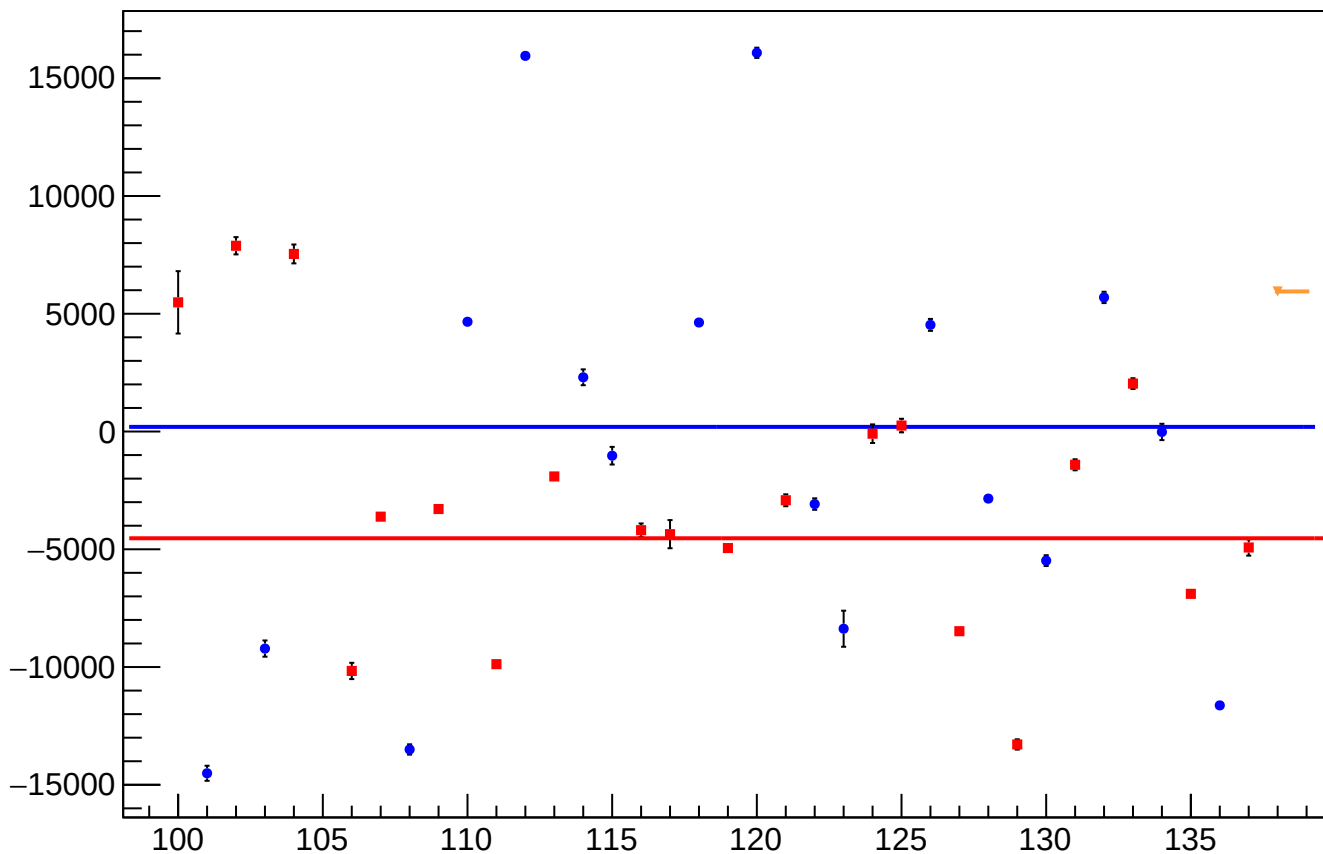
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

216.421 $\pm$ 0.058 χ^2 /NDF: 654678.3/17

205.846 $\pm$ 0.040 χ^2 /NDF: 1911858.5/37

196.332 $\pm$ 0.055 χ^2 /NDF: 1194678.0/19

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008+/-54.799 χ^2/NDF : 30658.3/16

Left Out: 5946.609+/-189.647 χ^2/NDF : 0.0/0

Right Out: -4532.856+/-52.261 χ^2/NDF : 7477.3/19

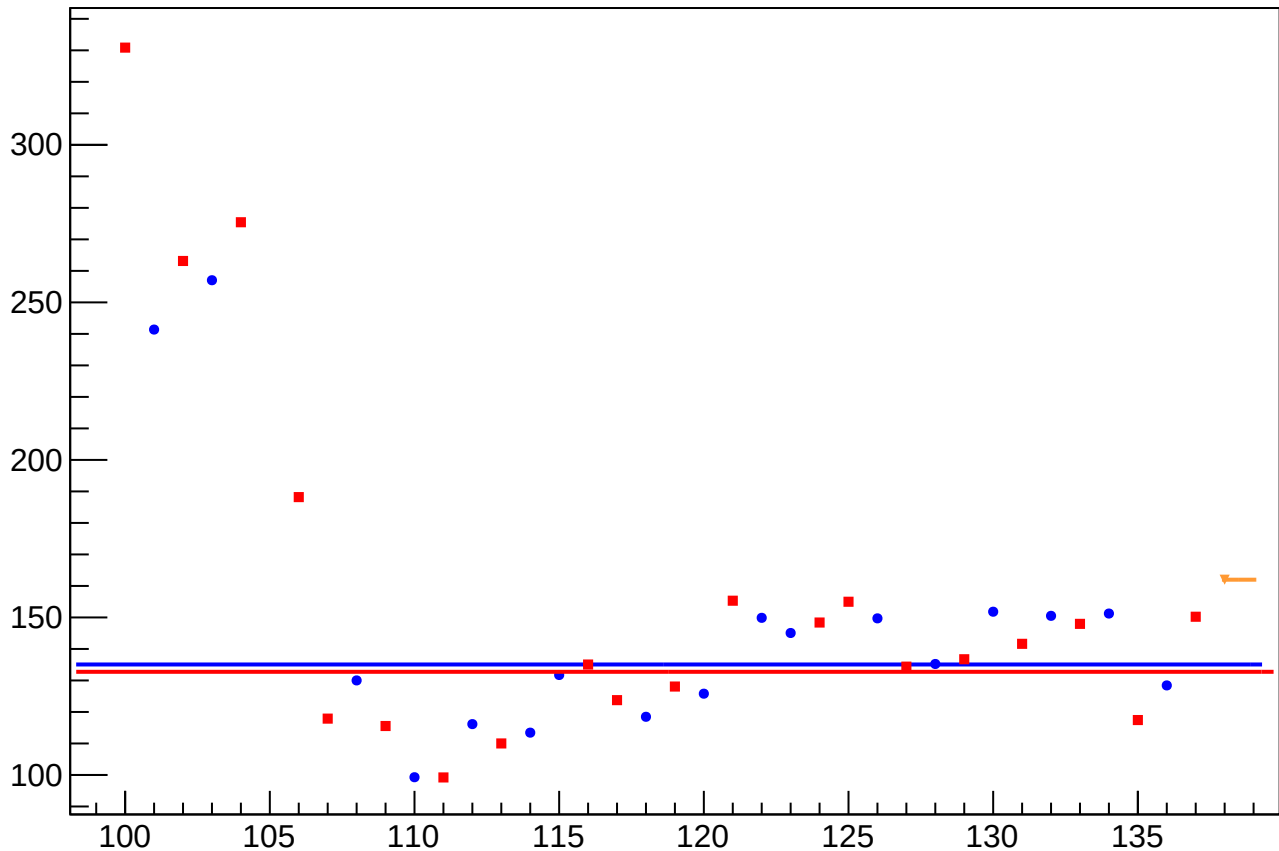
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

640.064+/-52.645 χ^2/NDF : 31506.6/17

-1965.322+/-37.089 χ^2/NDF : 43846.8/37

-4532.856+/-52.261 χ^2/NDF : 7477.3/19

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072 ± 0.039 $\chi^2/\text{NDF}: 658703.5/16$

Left Out: 161.982 ± 0.134 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 132.747 ± 0.037 $\chi^2/\text{NDF}: 831647.2/19$

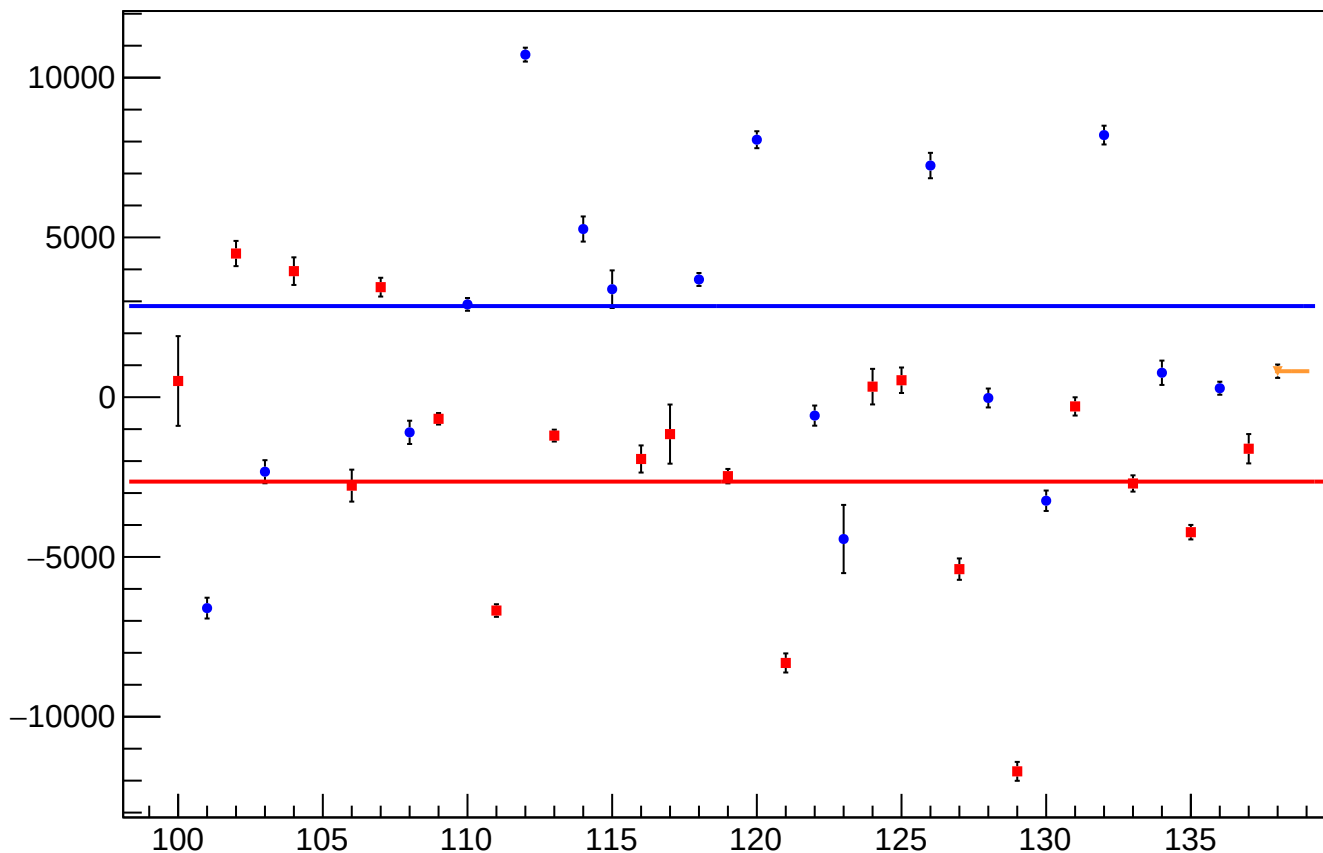
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

137.145 ± 0.037 $\chi^2/\text{NDF}: 695869.9/17$

134.930 ± 0.026 $\chi^2/\text{NDF}: 1534548.6/37$

132.747 ± 0.037 $\chi^2/\text{NDF}: 831647.2/19$

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437+/-70.753 χ^2/NDF : 4178.1/16

Left Out: 812.814+/-209.515 χ^2/NDF : 0.0/0

Right Out: -2641.642+/-65.566 χ^2/NDF : 3178.3/19

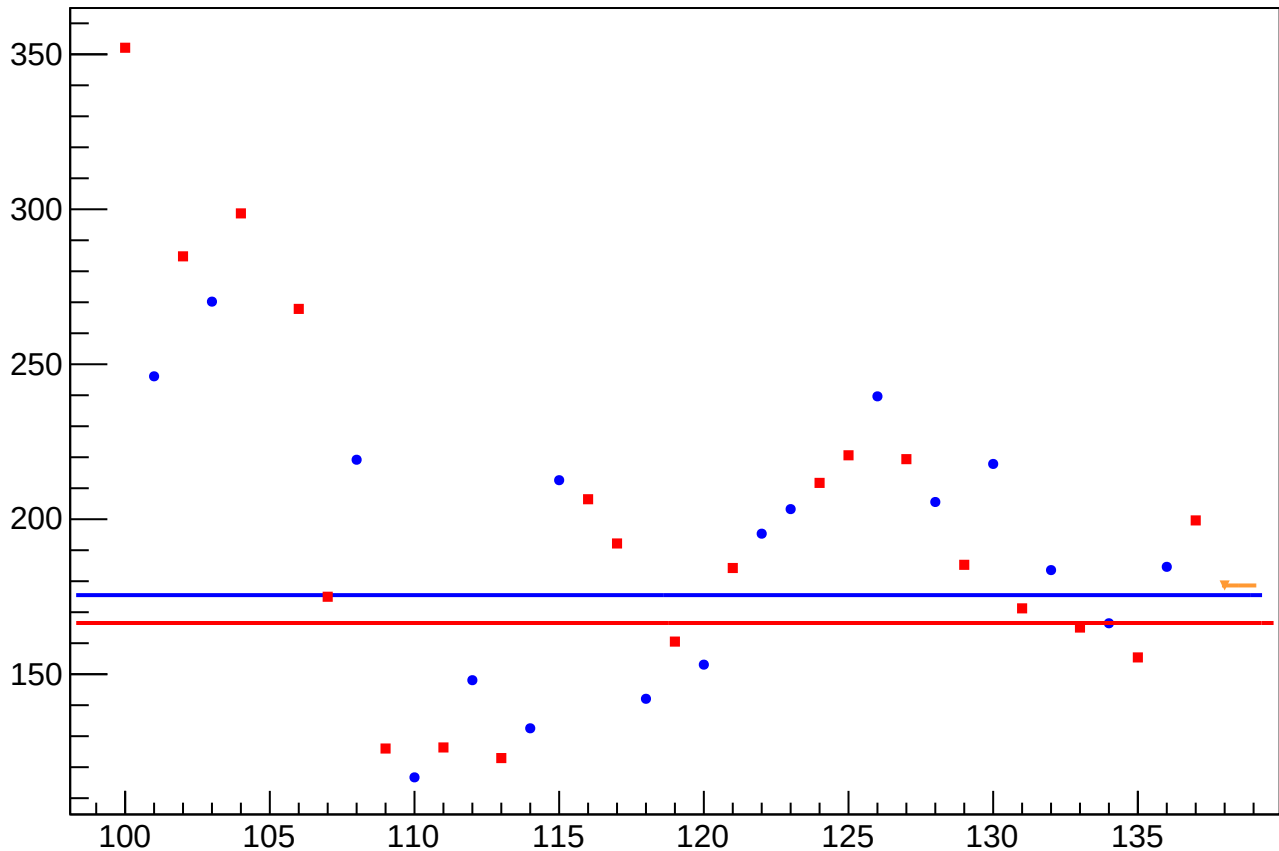
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2642.749+/-67.034 χ^2/NDF : 4263.1/17

-57.967+/-46.872 χ^2/NDF : 10617.4/37

-2641.642+/-65.566 χ^2/NDF : 3178.3/19

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514+/-0.050 χ^2/NDF : 689642.3/16

Left Out: 178.631+/-0.148 χ^2/NDF : 0.0/0

Right Out: 166.522+/-0.046 χ^2/NDF : 931079.9/19

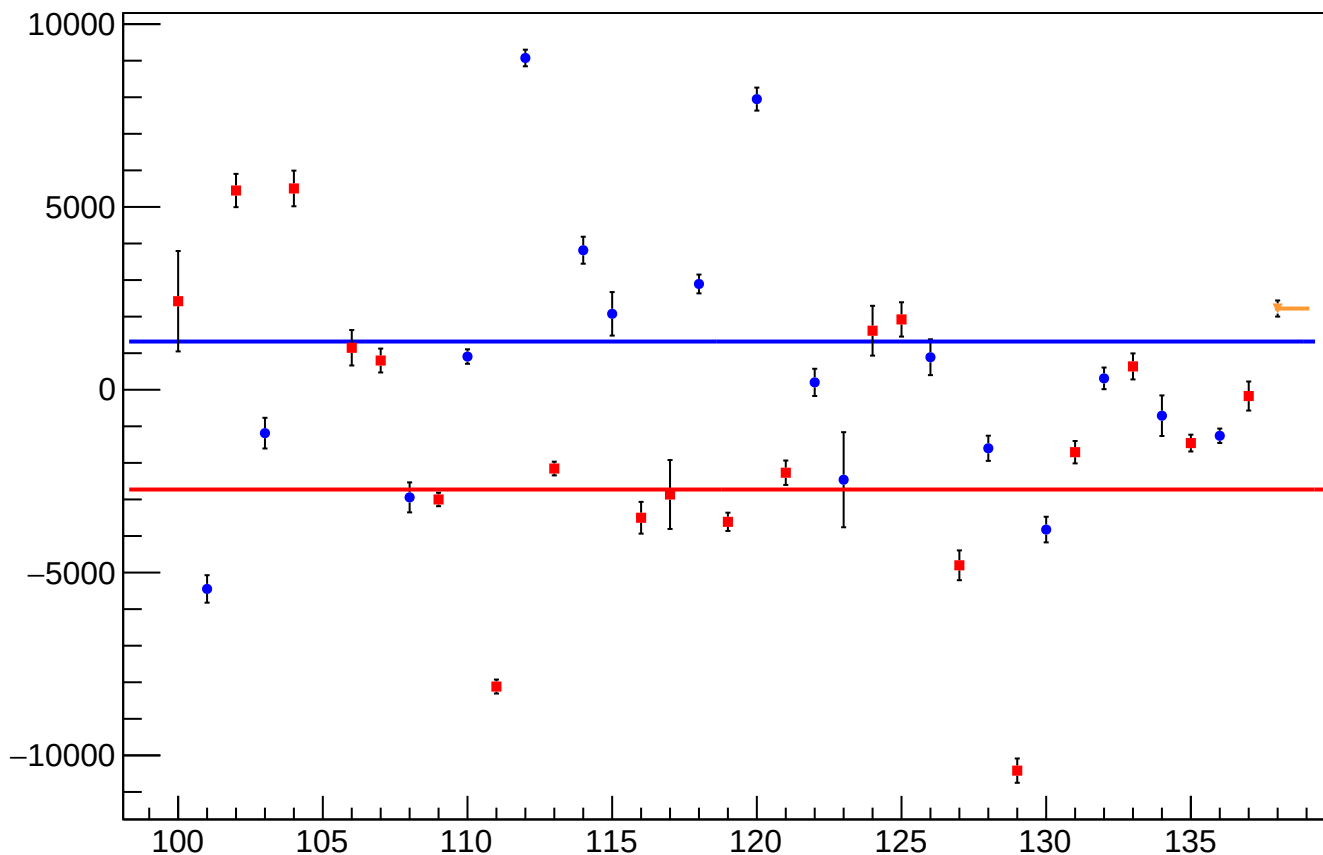
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.833+/-0.047 χ^2/NDF : 690039.5/17

171.075+/-0.033 χ^2/NDF : 1640839.5/37

166.522+/-0.046 χ^2/NDF : 931079.9/19

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009+/-77.146 χ^2/NDF : 2667.0/16

Left Out: 2221.622+/-220.278 χ^2/NDF : 0.0/0

Right Out: -2728.550+/-69.837 χ^2/NDF : 2495.9/19

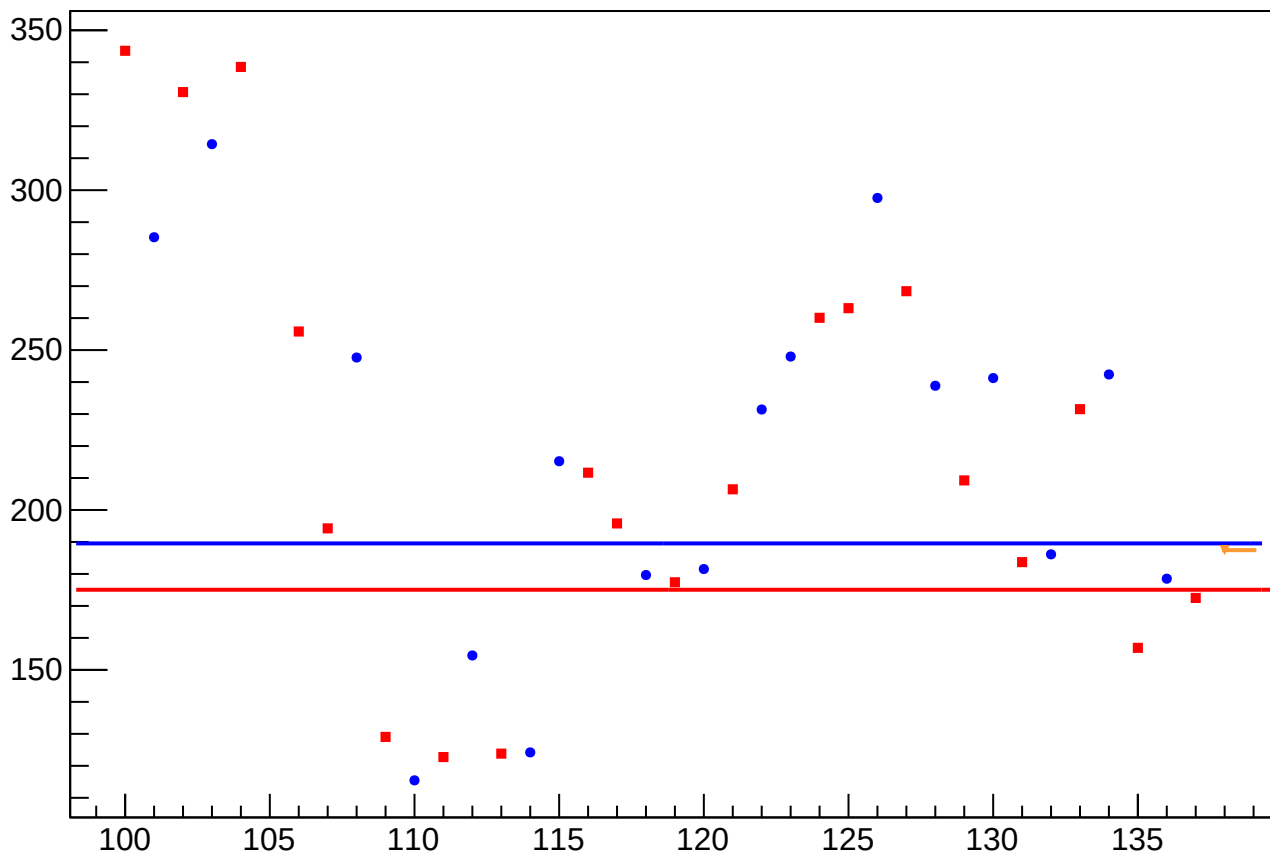
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1417.623+/-72.810 χ^2/NDF : 2682.0/17

-741.834+/-50.400 χ^2/NDF : 6866.8/37

-2728.550+/-69.837 χ^2/NDF : 2495.9/19

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544+/-0.055 χ^2/NDF : 980744.6/16

Left Out: 187.441+/-0.156 χ^2/NDF : 0.0/0

Right Out: 175.058+/-0.049 χ^2/NDF : 1298079.7/19

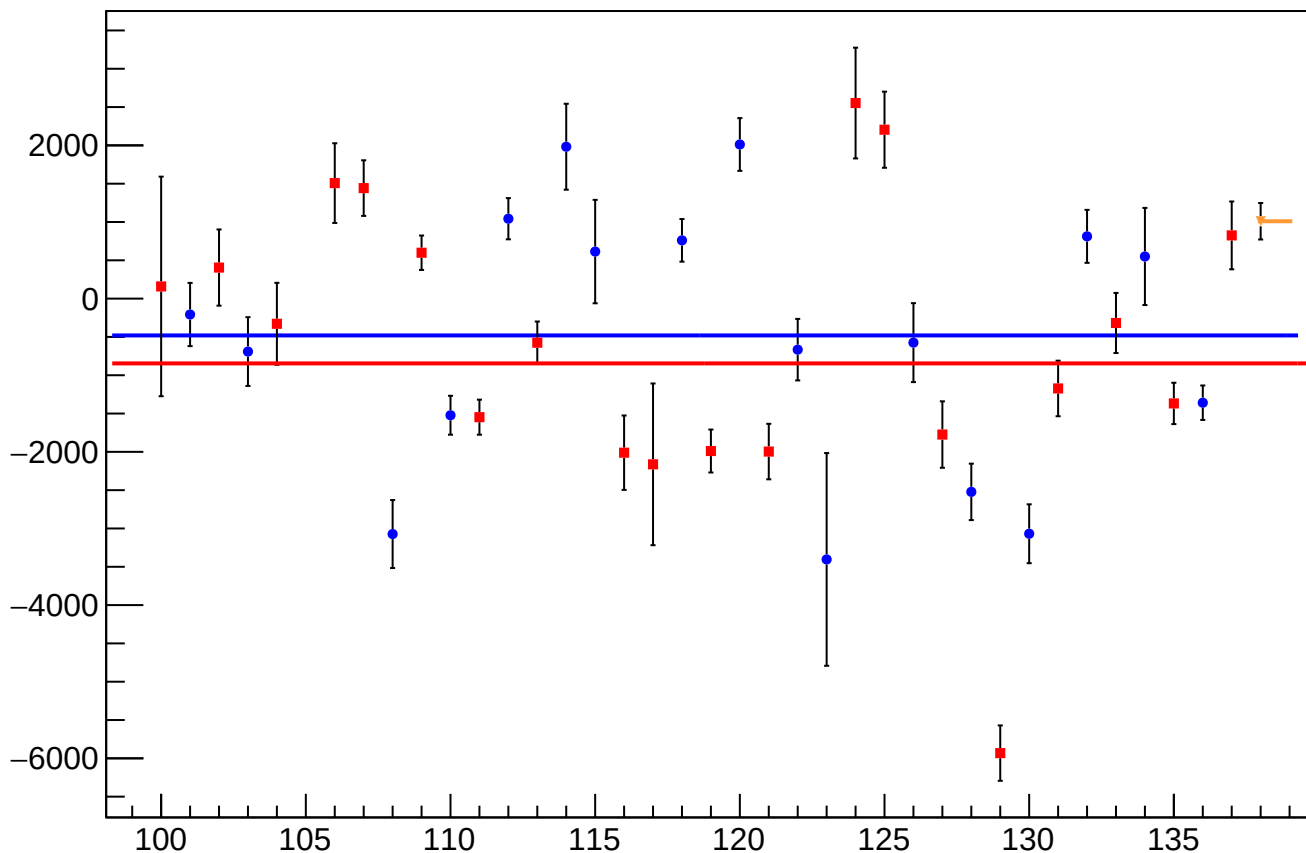
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

189.315+/-0.051 χ^2/NDF : 980907.1/17

181.889+/-0.036 χ^2/NDF : 2318924.0/37

175.058+/-0.049 χ^2/NDF : 1298079.7/19

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578+/-88.640 χ^2/NDF : 290.7/16

Left Out: 1009.713+/-238.051 χ^2/NDF : 0.0/0

Right Out: -845.444+/-81.995 χ^2/NDF : 436.9/19

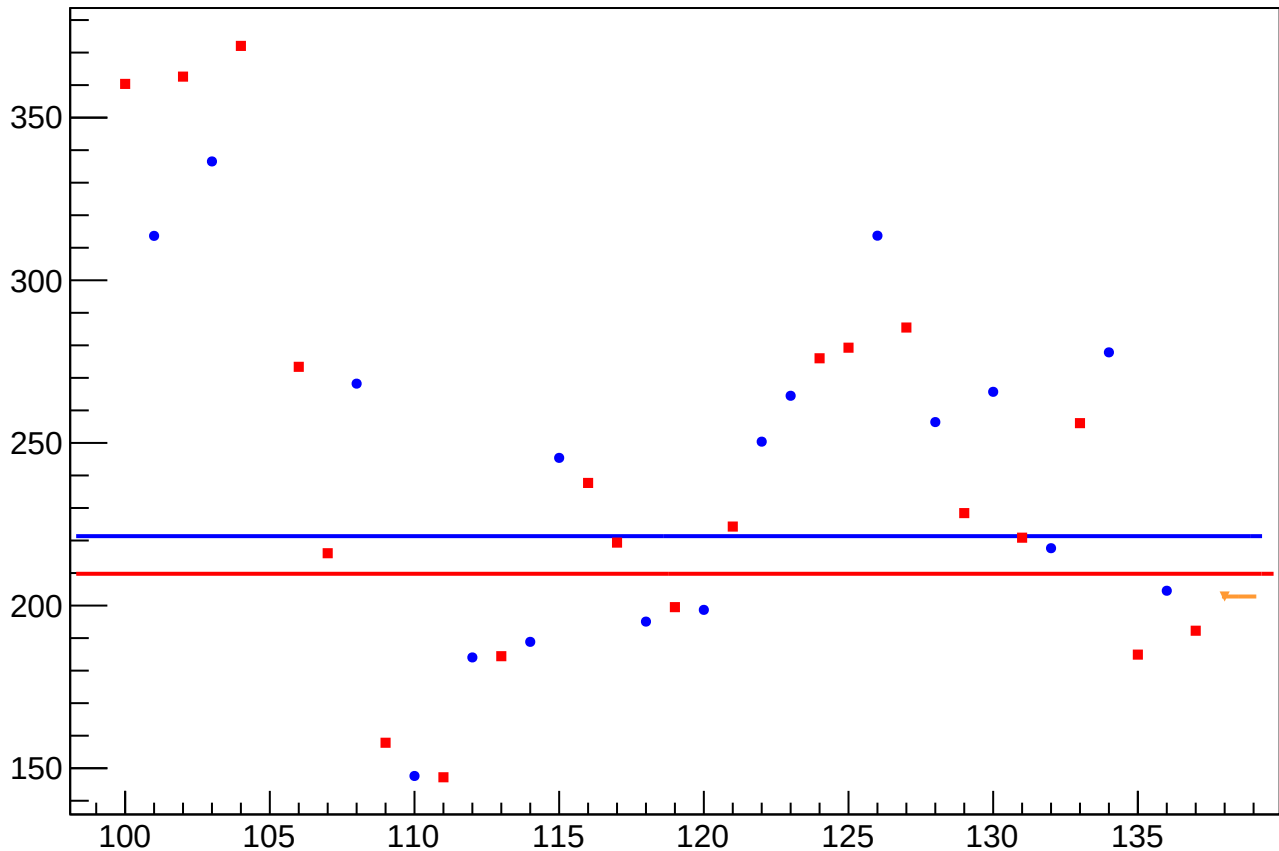
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-299.109+/-83.068 χ^2/NDF : 325.1/17

-575.831+/-58.355 χ^2/NDF : 783.9/37

-845.444+/-81.995 χ^2/NDF : 436.9/19

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

Left Out: 202.787 $\pm$ 0.168 χ^2 /NDF: 0.0/0

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

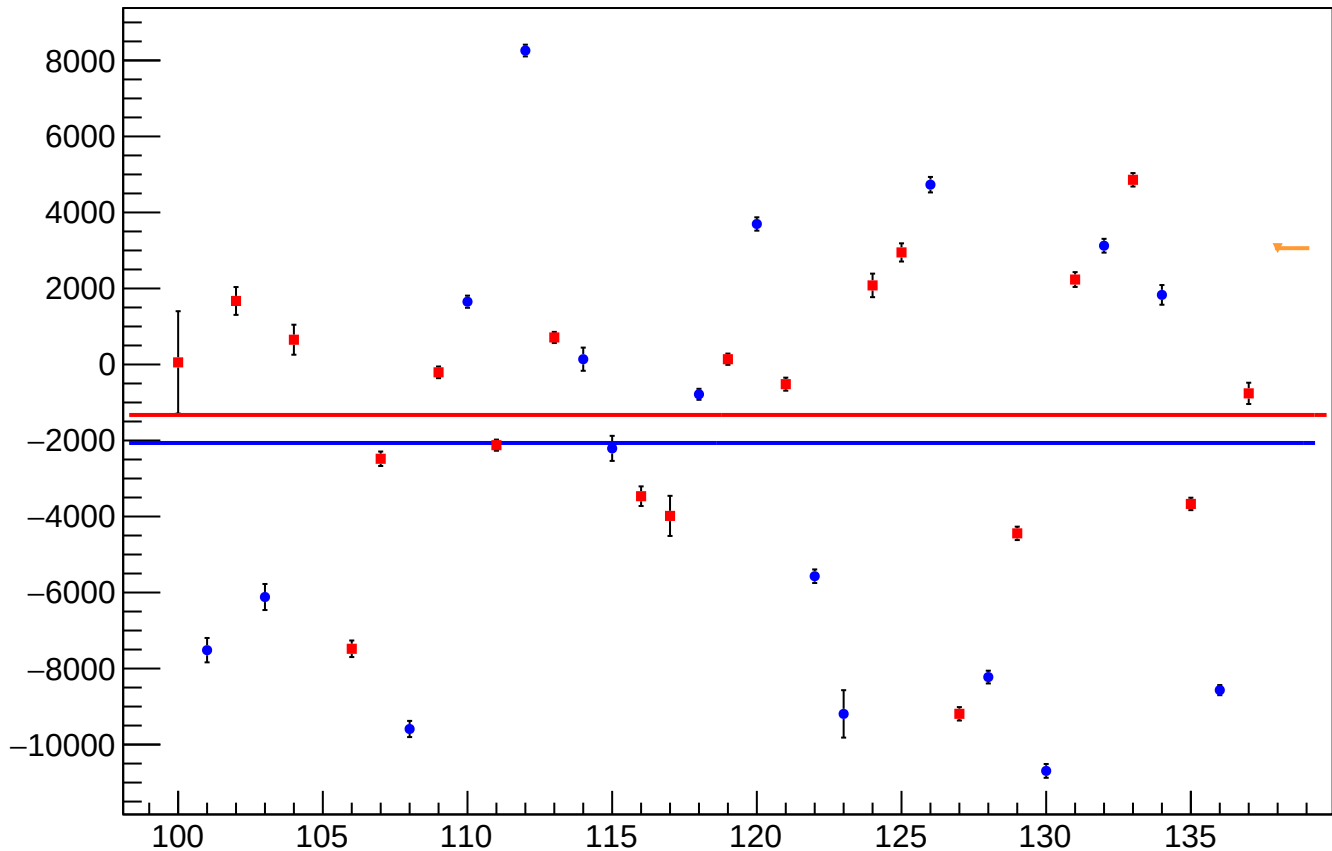
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

219.083 $\pm$ 0.059 χ^2 /NDF: 656359.0/17

214.368 $\pm$ 0.041 χ^2 /NDF: 1553161.8/37

209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160 ± 47.322 $\chi^2/\text{NDF}: 16533.3/16$

Left Out: 3059.920 ± 129.379 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

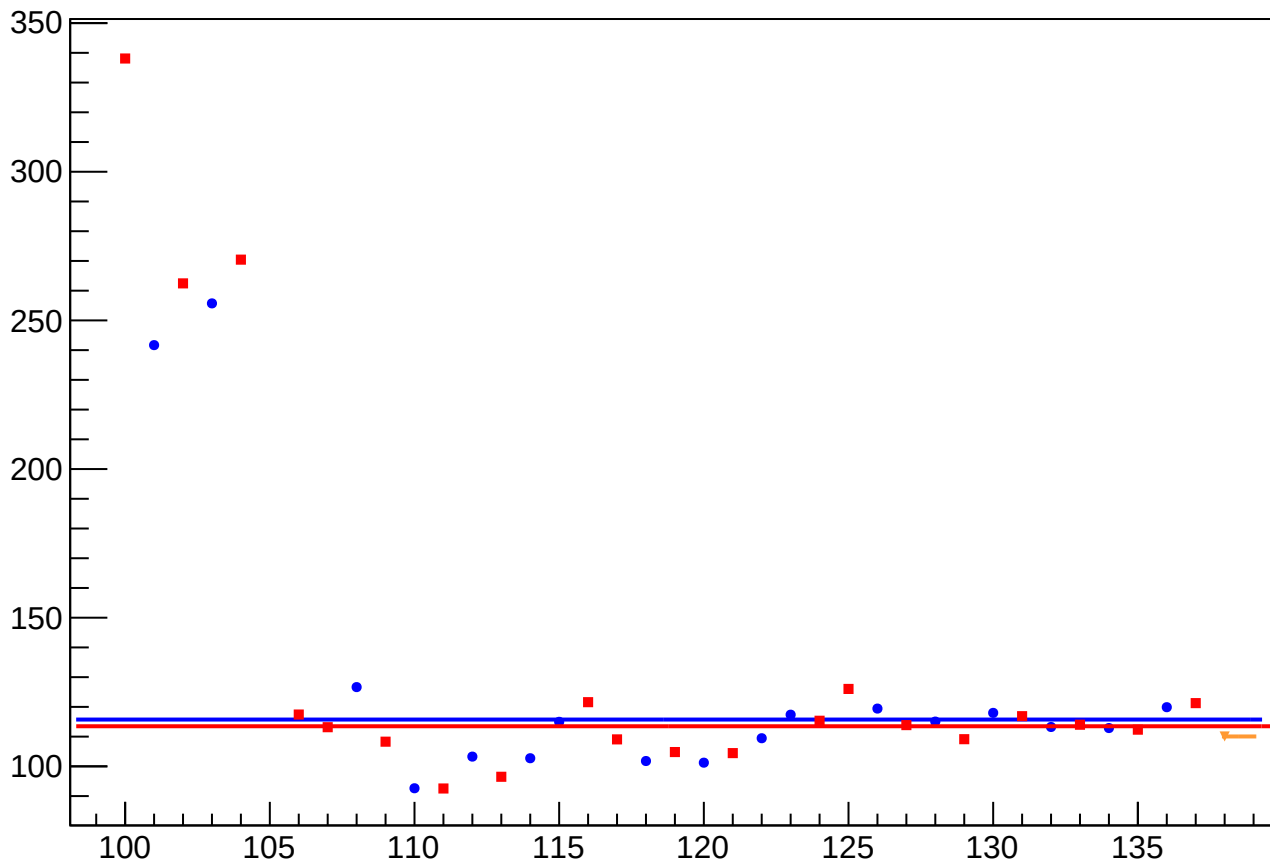
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1460.420 ± 44.443 $\chi^2/\text{NDF}: 17917.3/17$

-1394.707 ± 31.565 $\chi^2/\text{NDF}: 23841.6/37$

-1327.819 ± 44.838 $\chi^2/\text{NDF}: 5919.9/19$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741+/-0.033 χ^2/NDF : 744017.7/16

Left Out: 110.051+/-0.091 χ^2/NDF : 0.0/0

Right Out: 113.487+/-0.032 χ^2/NDF : 796781.7/19

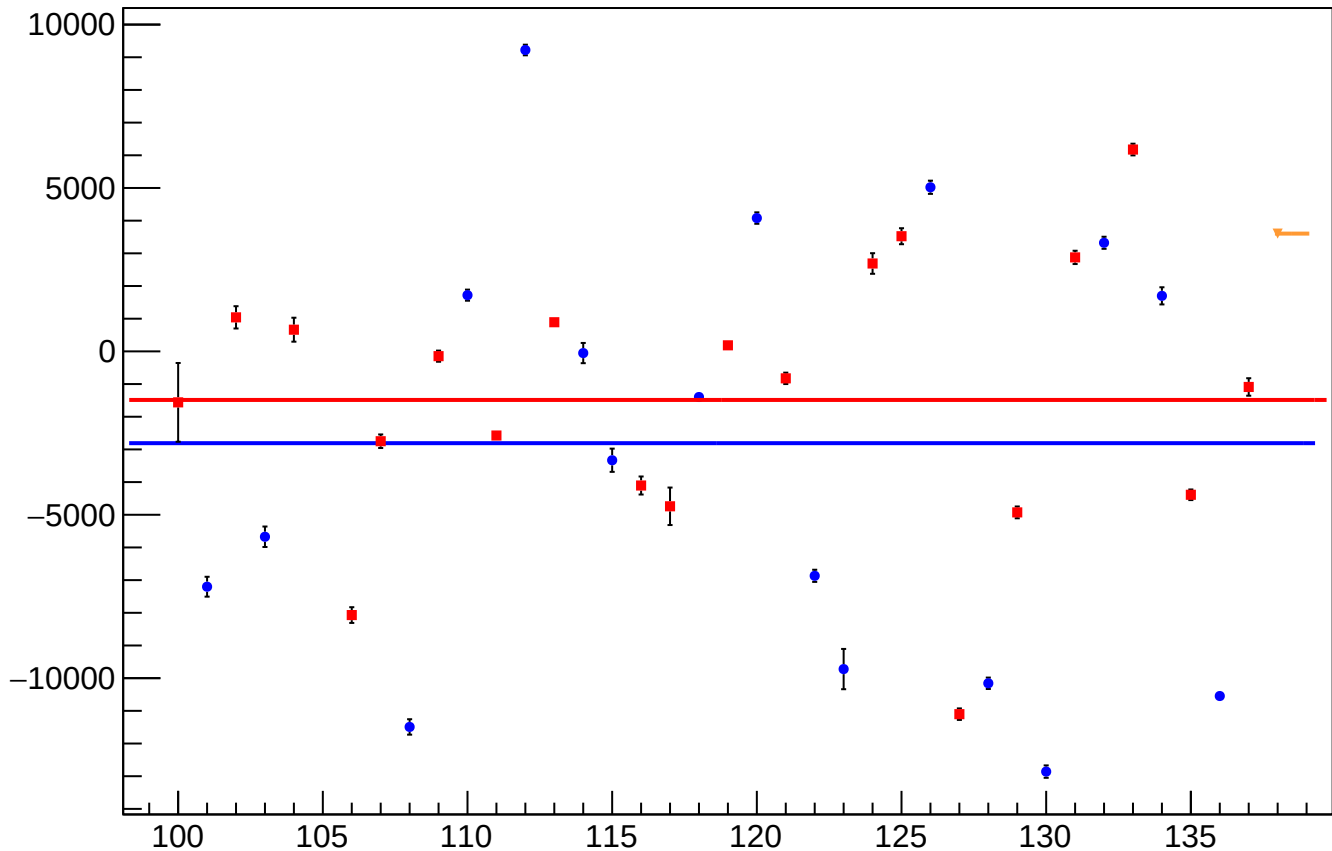
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.069+/-0.031 χ^2/NDF : 747429.5/17

114.285+/-0.022 χ^2/NDF : 1545467.4/37

113.487+/-0.032 χ^2/NDF : 796781.7/19

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101 ± 48.284 $\chi^2/\text{NDF}: 21263.1/16$

Left Out: 3603.660 ± 140.015 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1486.369 ± 46.243 $\chi^2/\text{NDF}: 8037.1/19$

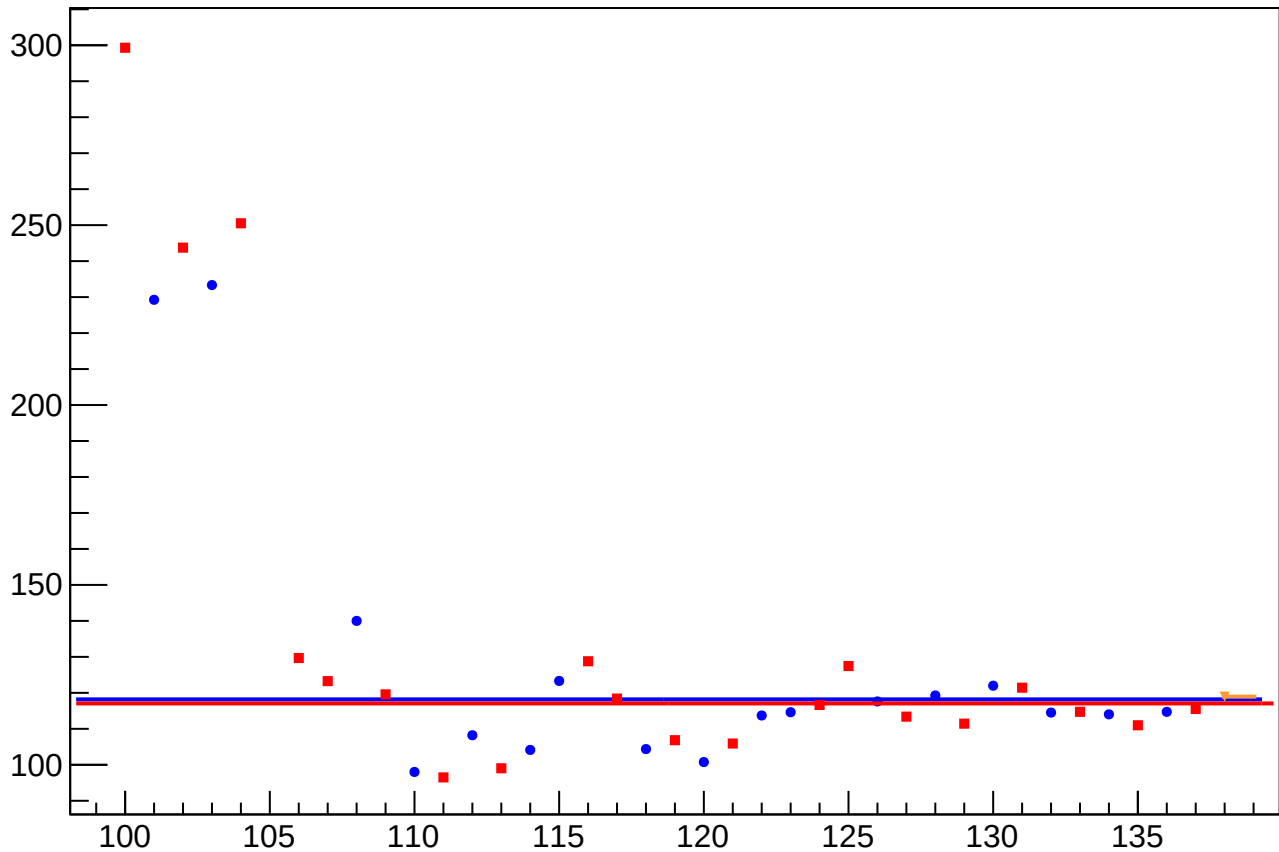
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2127.531 ± 45.646 $\chi^2/\text{NDF}: 23137.9/17$

-1811.114 ± 32.486 $\chi^2/\text{NDF}: 31272.3/37$

-1486.369 ± 46.243 $\chi^2/\text{NDF}: 8037.1/19$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

Left Out: 118.947 $\pm$ 0.099 χ^2 /NDF: 0.0/0

Right Out: 117.054 $\pm$ 0.033 χ^2 /NDF: 690646.8/19

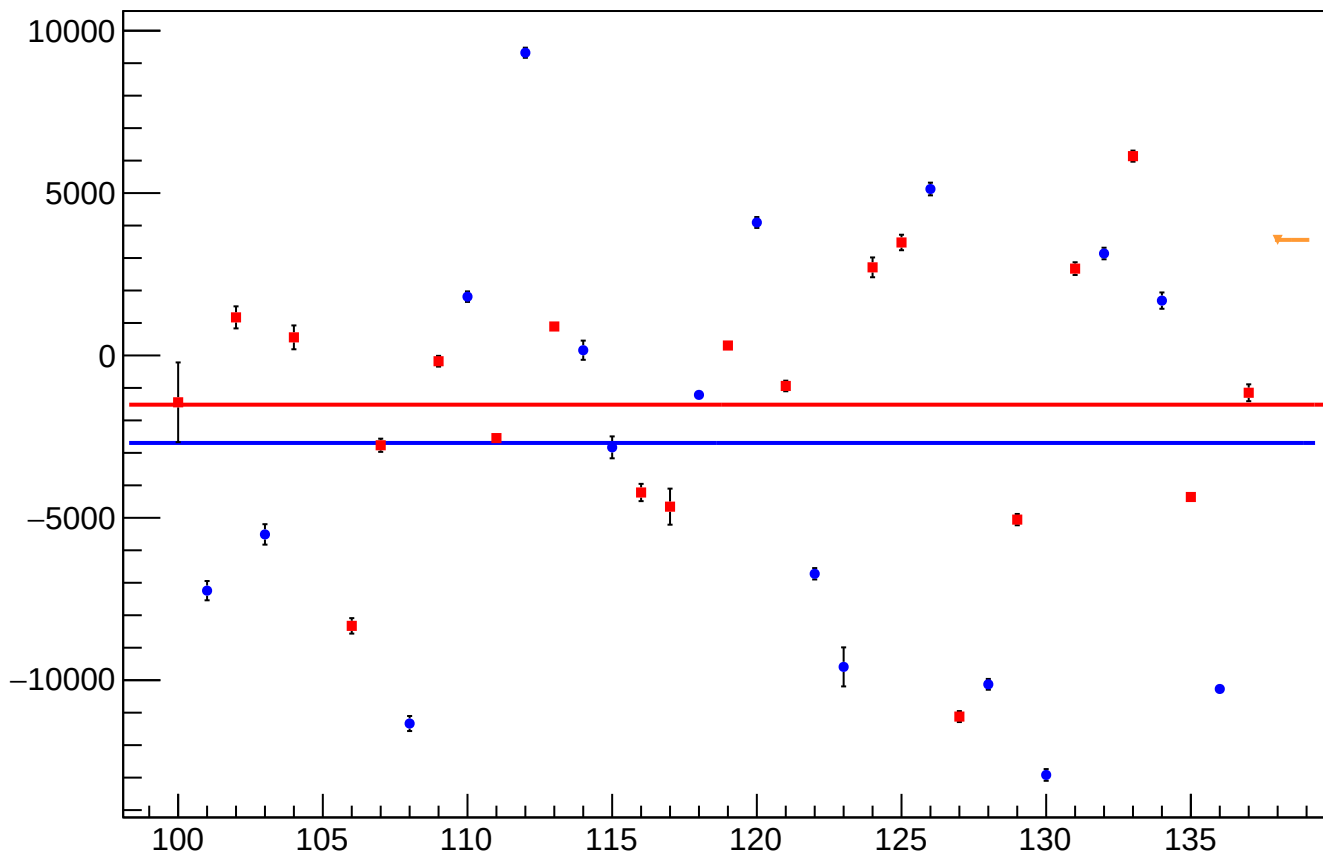
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118.269 $\pm$ 0.032 χ^2 /NDF: 636304.5/17

117.670 $\pm$ 0.023 χ^2 /NDF: 1327649.9/37

117.054 $\pm$ 0.033 χ^2 /NDF: 690646.8/19

asym_bpm2i02WS_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 8749.3/19$

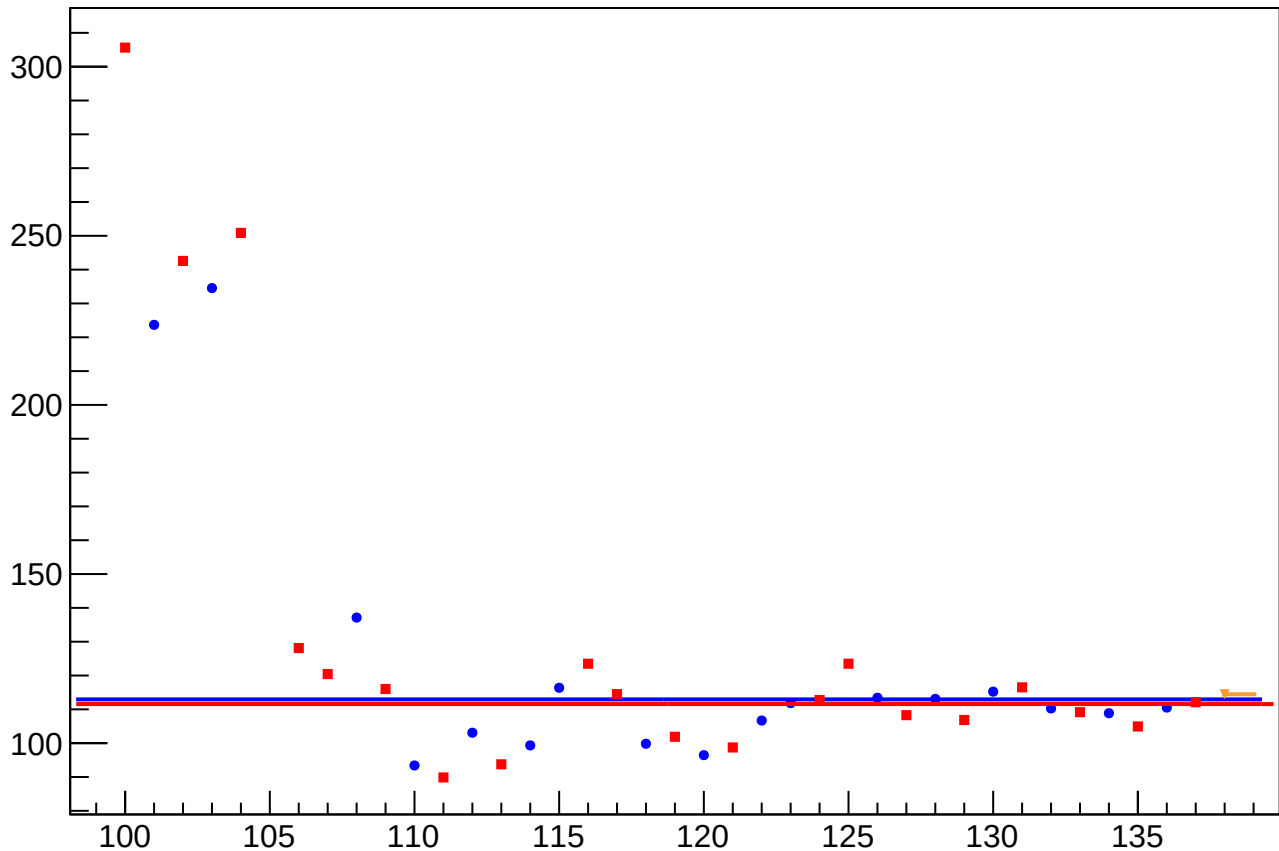
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-2033.777 ± 43.831 $\chi^2/\text{NDF}: 24783.0/17$

-1777.593 ± 31.159 $\chi^2/\text{NDF}: 33601.4/37$

-1515.863 ± 44.303 $\chi^2/\text{NDF}: 8749.3/19$

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940+/-0.033 χ^2/NDF : 680283.1/16

Left Out: 114.464+/-0.095 χ^2/NDF : 0.0/0

Right Out: 111.562+/-0.031 χ^2/NDF : 765559.1/19

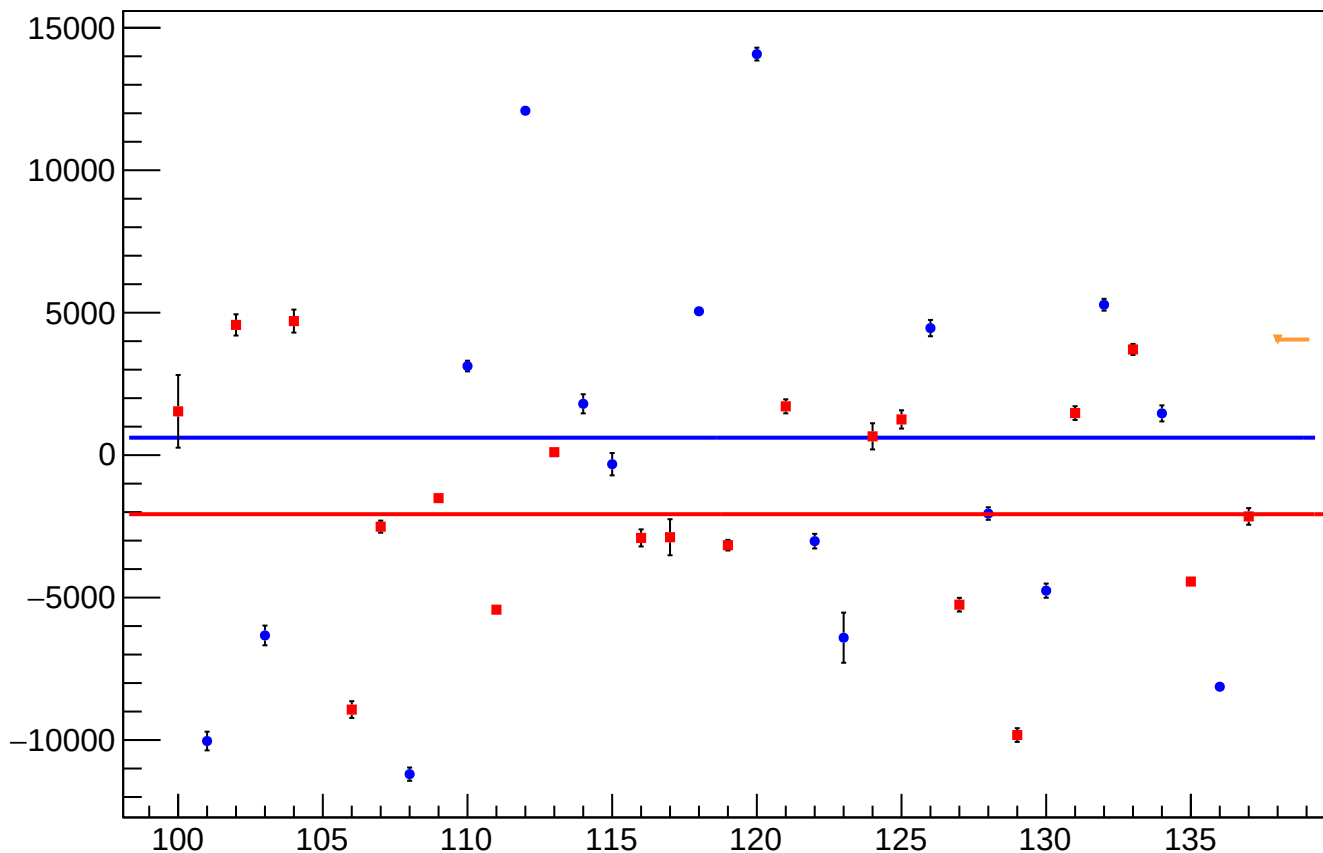
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

113.101+/-0.031 χ^2/NDF : 680511.3/17

112.340+/-0.022 χ^2/NDF : 1447290.0/37

111.562+/-0.031 χ^2/NDF : 765559.1/19

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621+/-56.062 χ^2/NDF : 18243.4/16

Left Out: 4057.872+/-158.923 χ^2/NDF : 0.0/0

Right Out: -2073.278+/-53.736 χ^2/NDF : 4644.3/19

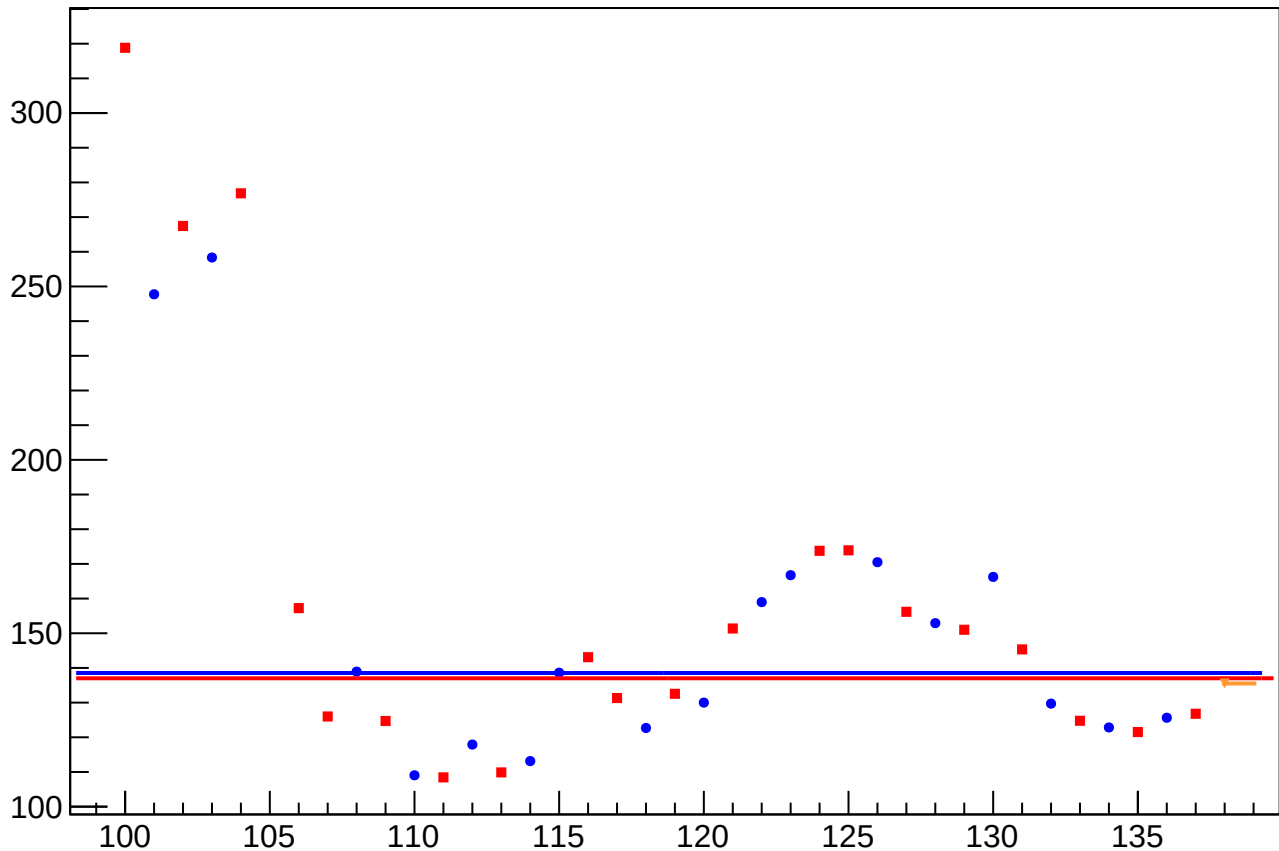
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

993.902+/-52.869 χ^2/NDF : 18661.3/17

-514.734+/-37.687 χ^2/NDF : 24961.2/37

-2073.278+/-53.736 χ^2/NDF : 4644.3/19

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.542+/-0.040 χ^2/NDF : 668941.7/16

Left Out: 135.514+/-0.112 χ^2/NDF : 0.0/0

Right Out: 137.019+/-0.038 χ^2/NDF : 755655.0/19

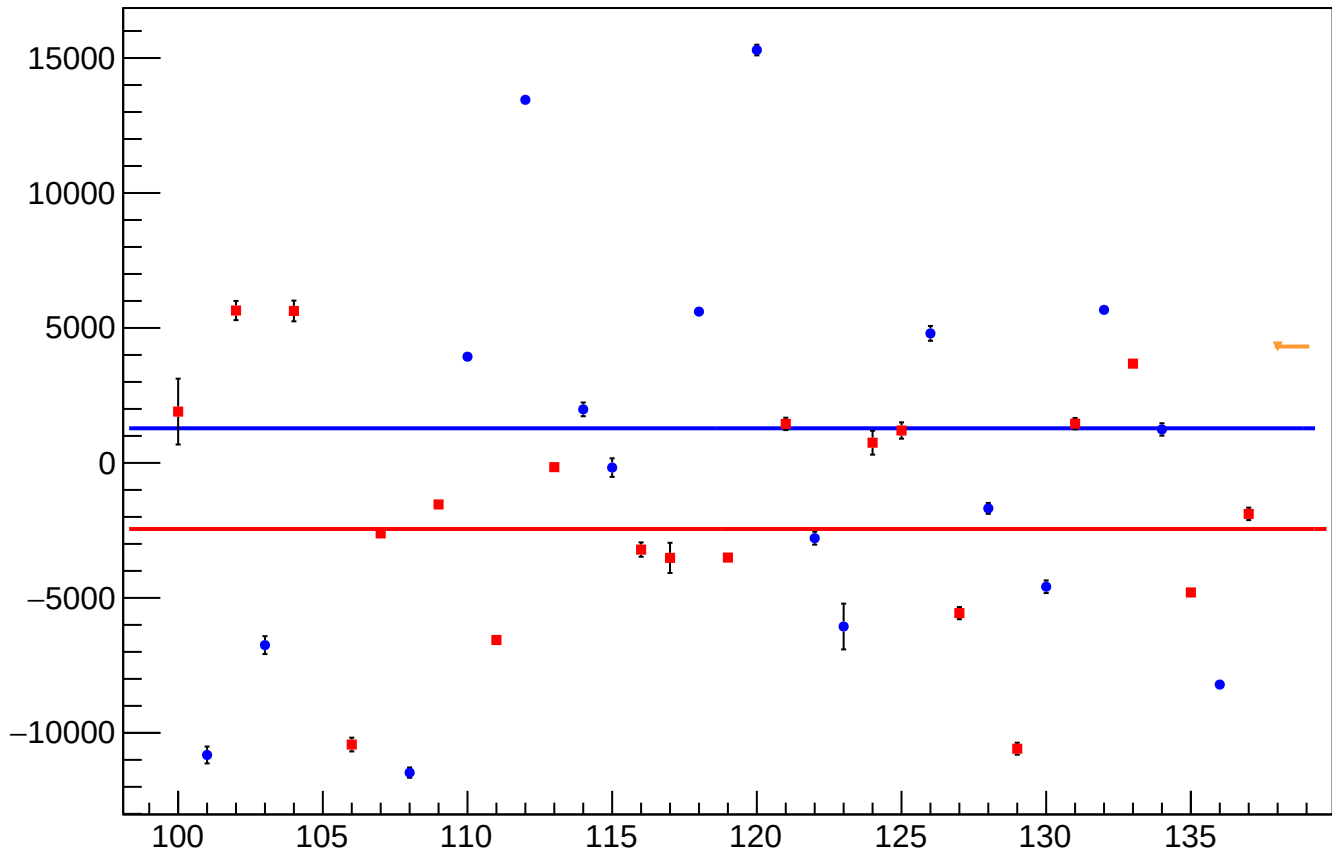
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.207+/-0.037 χ^2/NDF : 669587.4/17

137.623+/-0.027 χ^2/NDF : 1425738.5/37

137.019+/-0.038 χ^2/NDF : 755655.0/19

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 1282.978+/-46.572 χ^2/NDF : 30540.8/16

Left Out: 4312.002+/-136.445 χ^2/NDF : 0.0/0

Right Out: -2446.970+/-44.148 χ^2/NDF : 7681.2/19

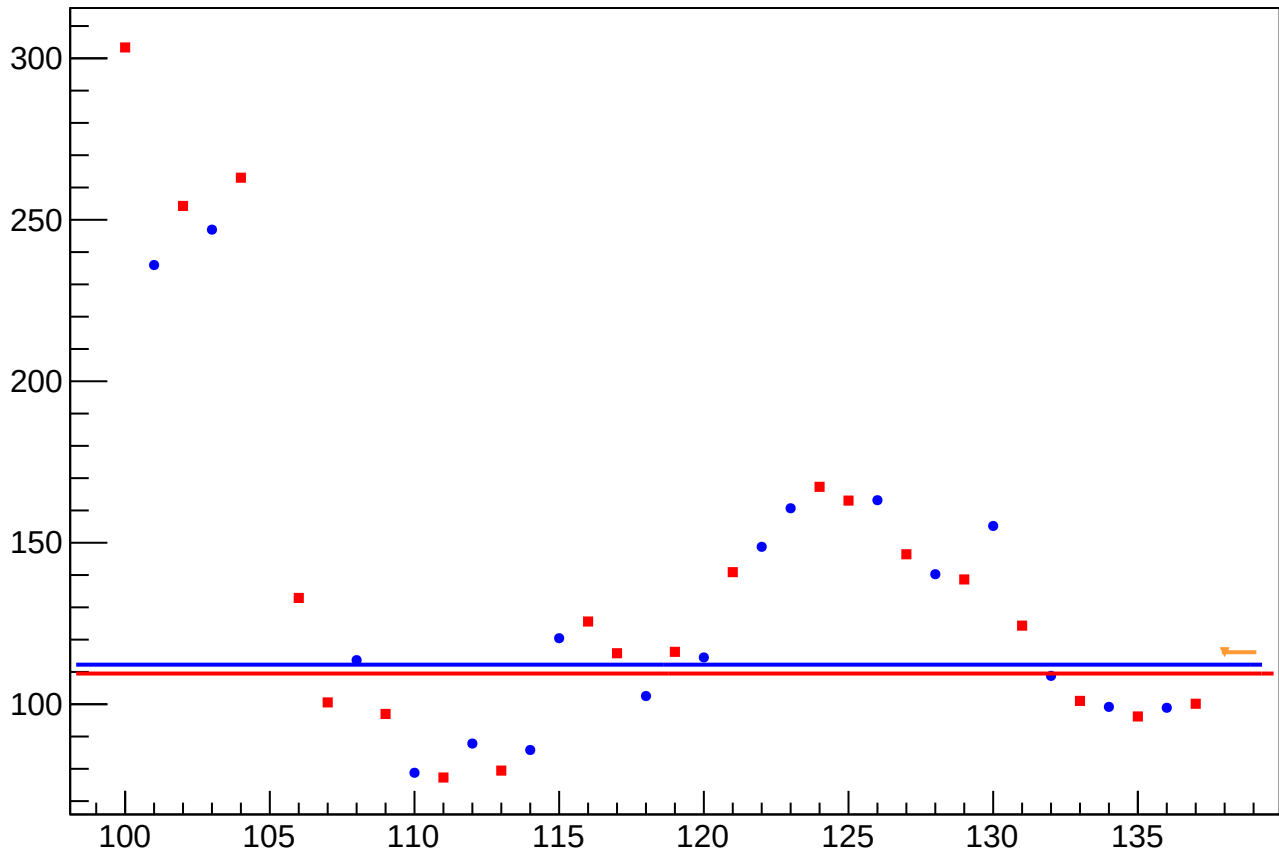
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1599.047+/-44.075 χ^2/NDF : 30982.2/17

-420.647+/-31.192 χ^2/NDF : 42869.9/37

-2446.970+/-44.148 χ^2/NDF : 7681.2/19

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.251+/-0.033 χ^2/NDF : 1125537.4/16

Left Out: 116.103+/-0.096 χ^2/NDF : 0.0/0

Right Out: 109.500+/-0.031 χ^2/NDF : 1269887.8/19

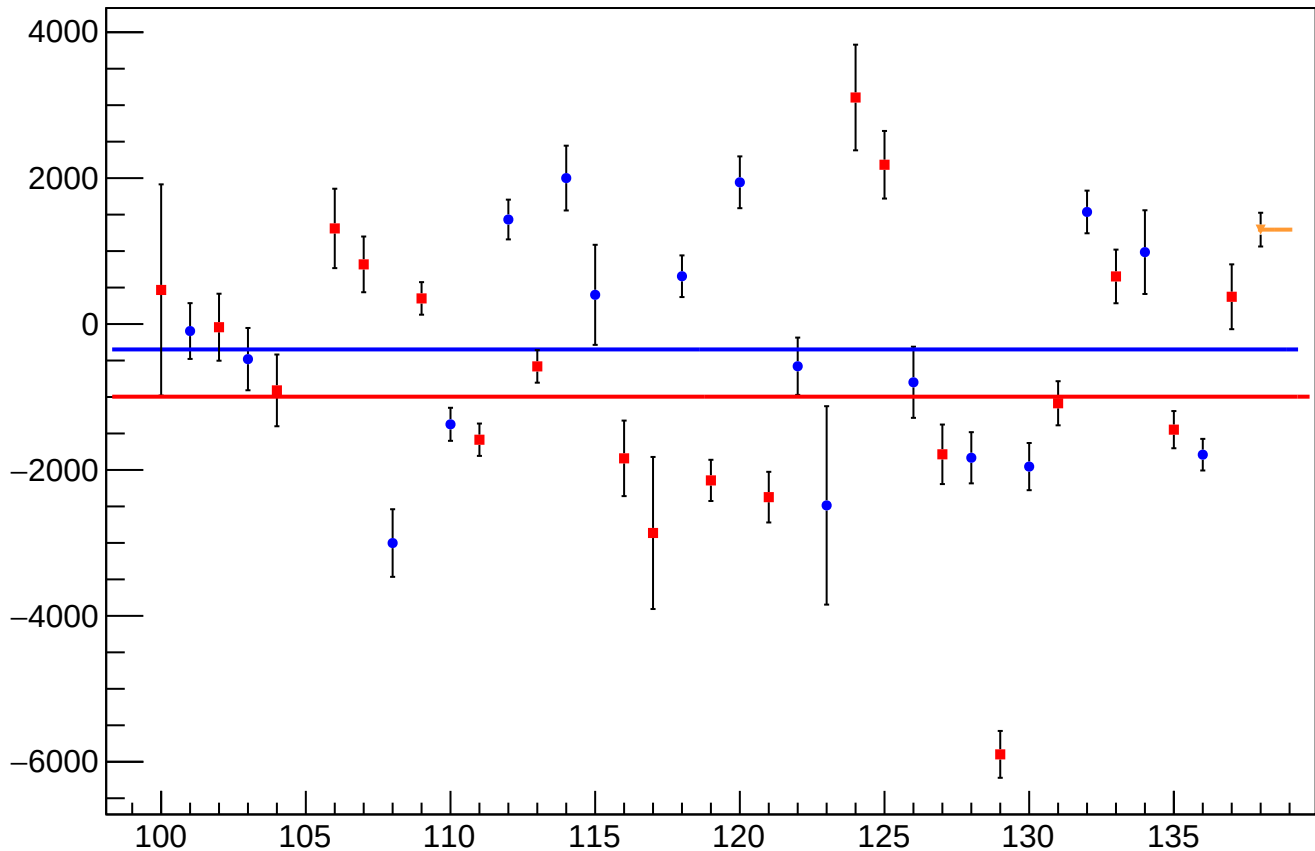
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

112.653+/-0.031 χ^2/NDF : 1126965.2/17

111.079+/-0.022 χ^2/NDF : 2401962.2/37

109.500+/-0.031 χ^2/NDF : 1269887.8/19

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -348.055+/-83.826 χ^2/NDF : 317.3/16

Left Out: 1294.149+/-231.329 χ^2/NDF : 0.0/0

Right Out: -995.622+/-77.468 χ^2/NDF : 479.8/19

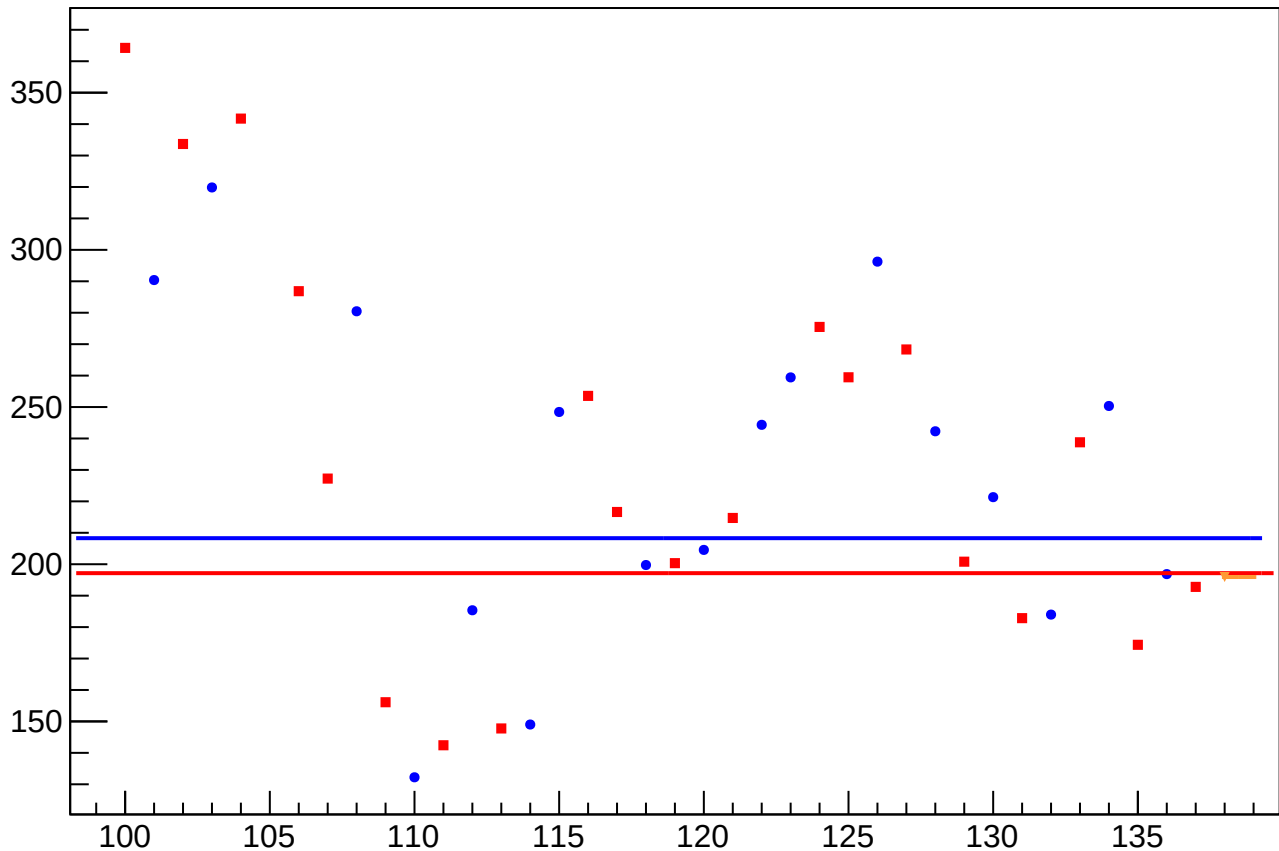
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-157.446+/-78.812 χ^2/NDF : 361.8/17

-583.738+/-55.247 χ^2/NDF : 899.2/37

-995.622+/-77.468 χ^2/NDF : 479.8/19

asym_bpm0l01WS_rms vs Slug, Sign Corrected



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

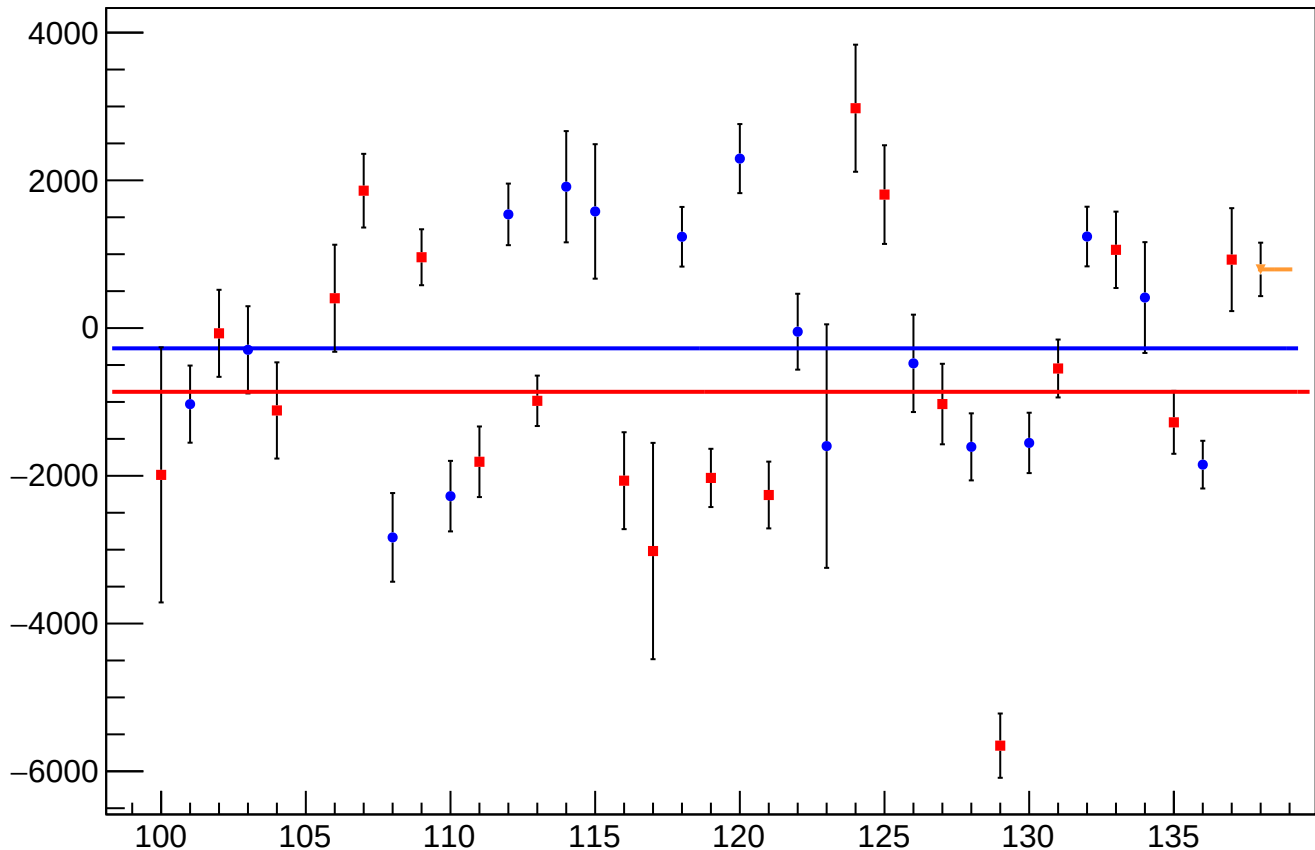
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

206.853 $\pm$ 0.056 χ^2 /NDF: 703535.4/17

201.923 $\pm$ 0.039 χ^2 /NDF: 1646413.0/37

197.159 $\pm$ 0.055 χ^2 /NDF: 927487.8/19

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -274.260+/-121.326 χ^2/NDF : 171.6/16

Left Out: 794.439+/-361.733 χ^2/NDF : 0.0/0

Right Out: -862.791+/-114.993 χ^2/NDF : 265.4/19

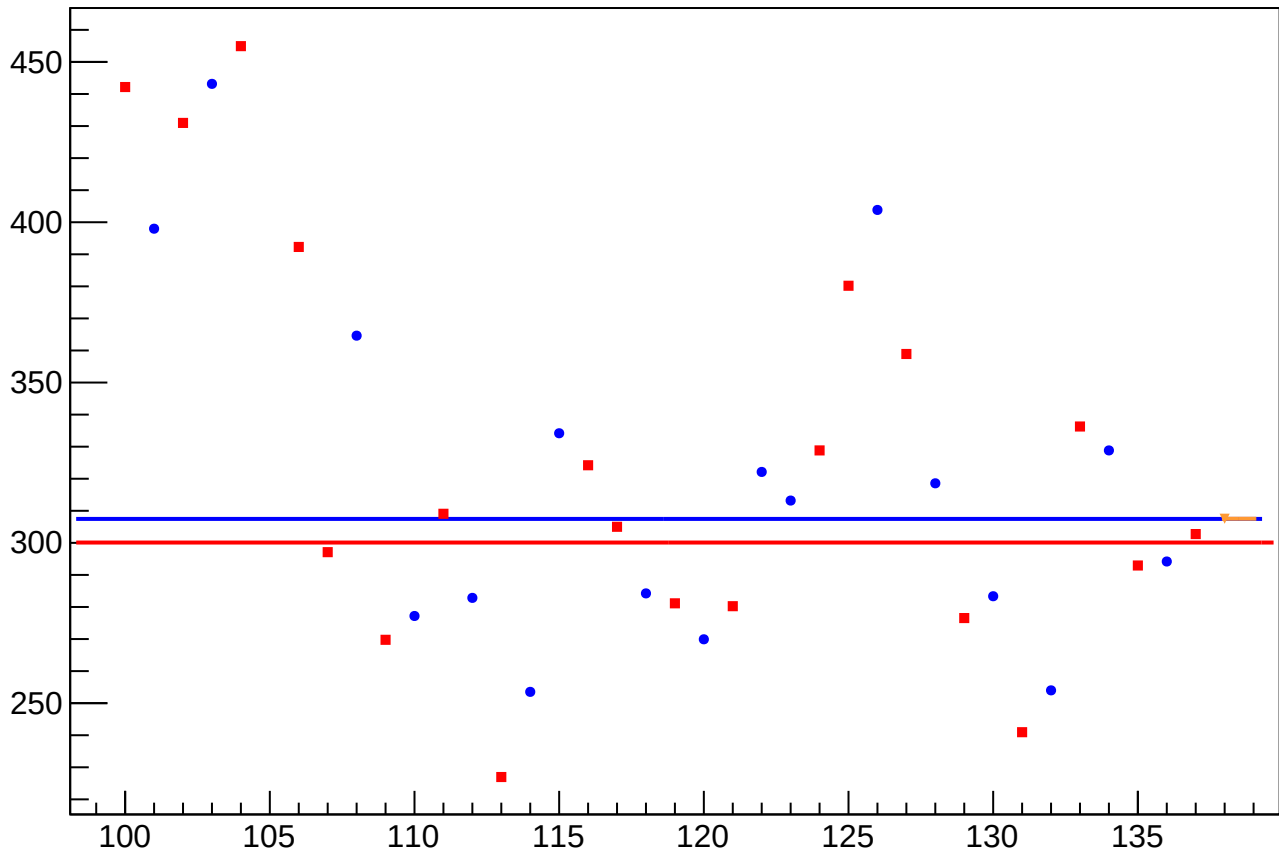
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-166.194+/-115.028 χ^2/NDF : 179.4/17

-514.600+/-81.325 χ^2/NDF : 463.2/37

-862.791+/-114.993 χ^2/NDF : 265.4/19

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 307.468 ± 0.086 χ^2/NDF : 323096.7/16

Left Out: 307.528 ± 0.256 χ^2/NDF : 0.0/0

Right Out: 300.100 ± 0.081 χ^2/NDF : 490421.6/19

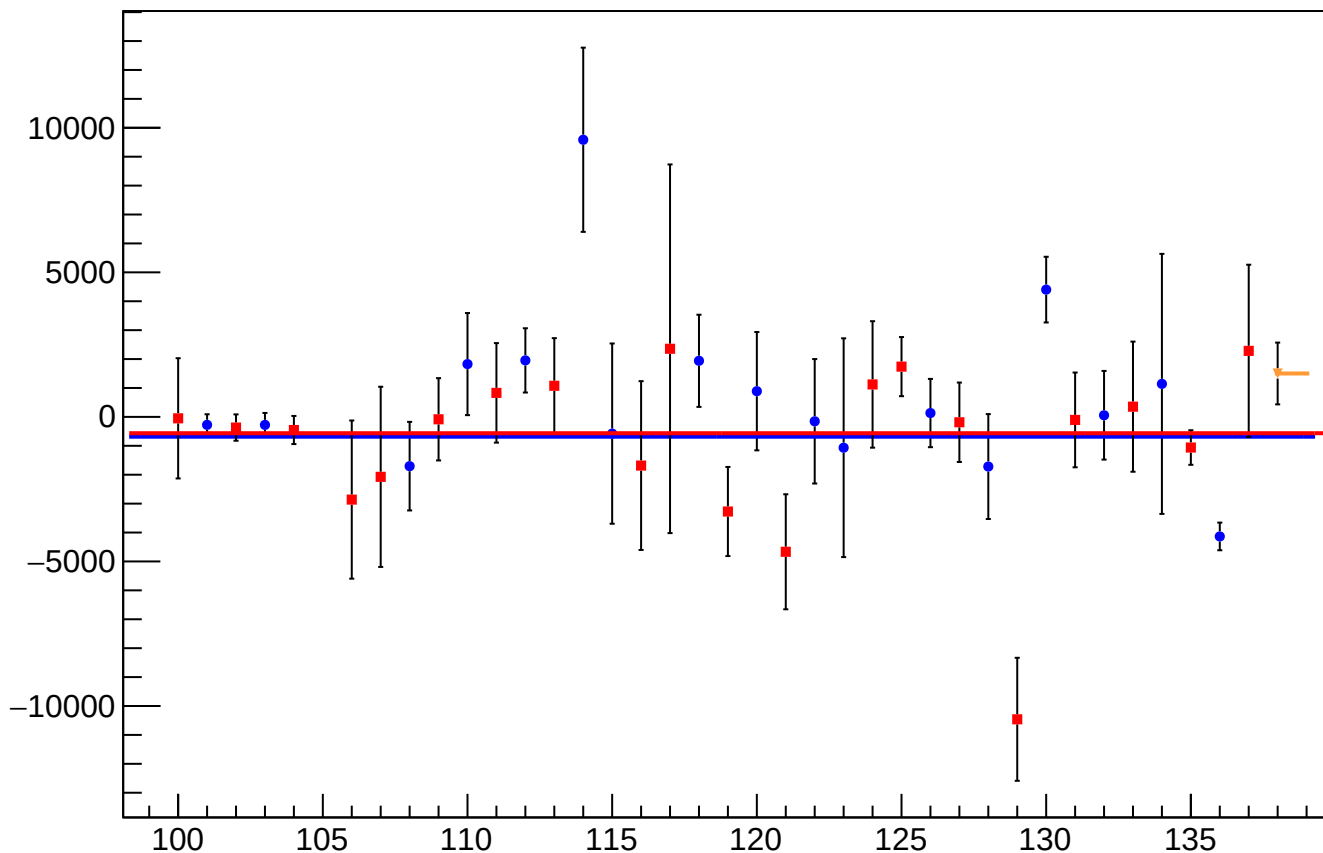
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

307.474 ± 0.081 χ^2/NDF : 323096.7/17

303.786 ± 0.058 χ^2/NDF : 817629.2/37

300.100 ± 0.081 χ^2/NDF : 490421.6/19

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -685.056 $\pm$ 210.341 χ^2/NDF : 97.4/16

Left Out: 1501.288 $\pm$ 1068.486 χ^2/NDF : 0.0/0

Right Out: -564.400 $\pm$ 243.074 χ^2/NDF : 39.9/19

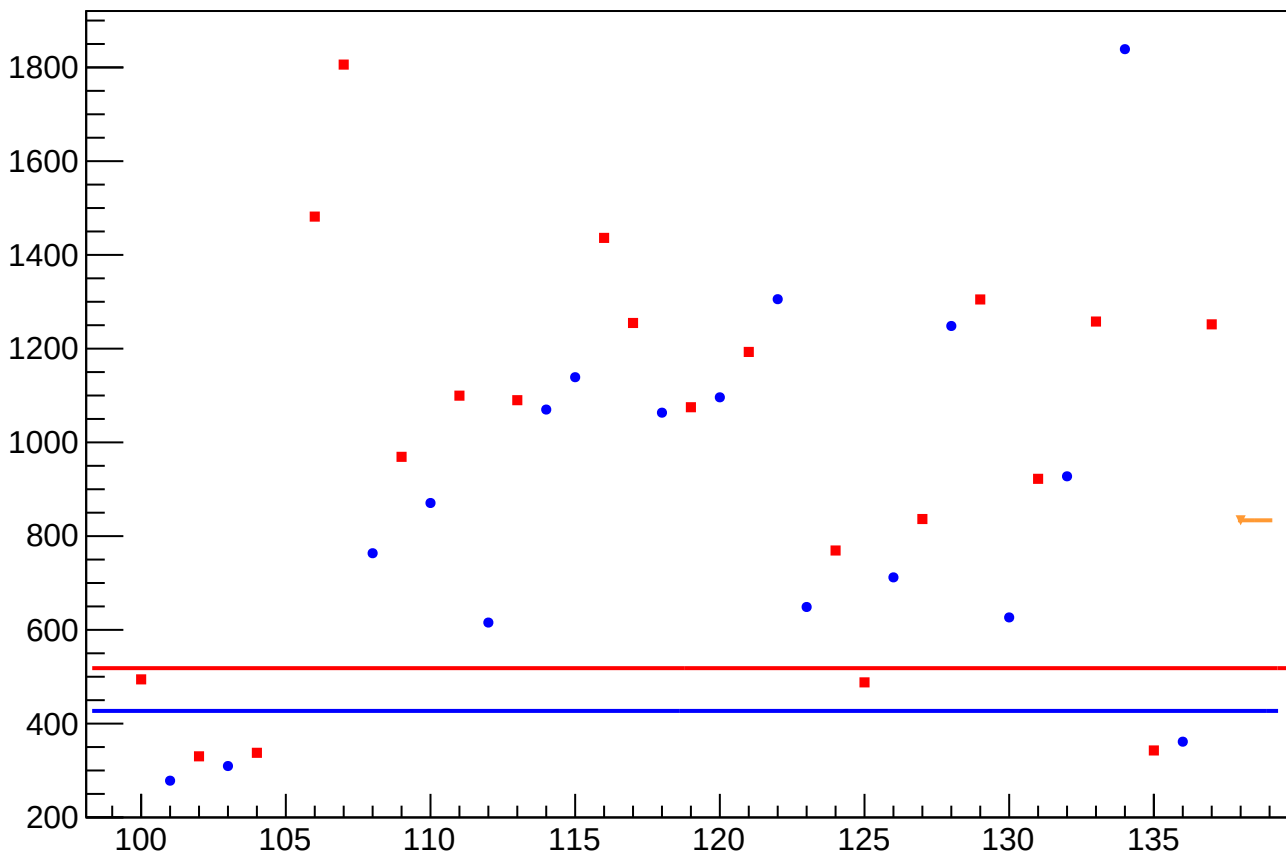
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-603.489 $\pm$ 206.380 χ^2/NDF : 101.4/17

-587.115 $\pm$ 157.323 χ^2/NDF : 141.3/37

-564.400 $\pm$ 243.074 χ^2/NDF : 39.9/19

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.079+/-0.149 χ^2/NDF : 2865678.7/16

Left Out: 833.735+/-0.756 χ^2/NDF : 0.0/0

Right Out: 518.306+/-0.172 χ^2/NDF : 3631833.9/19

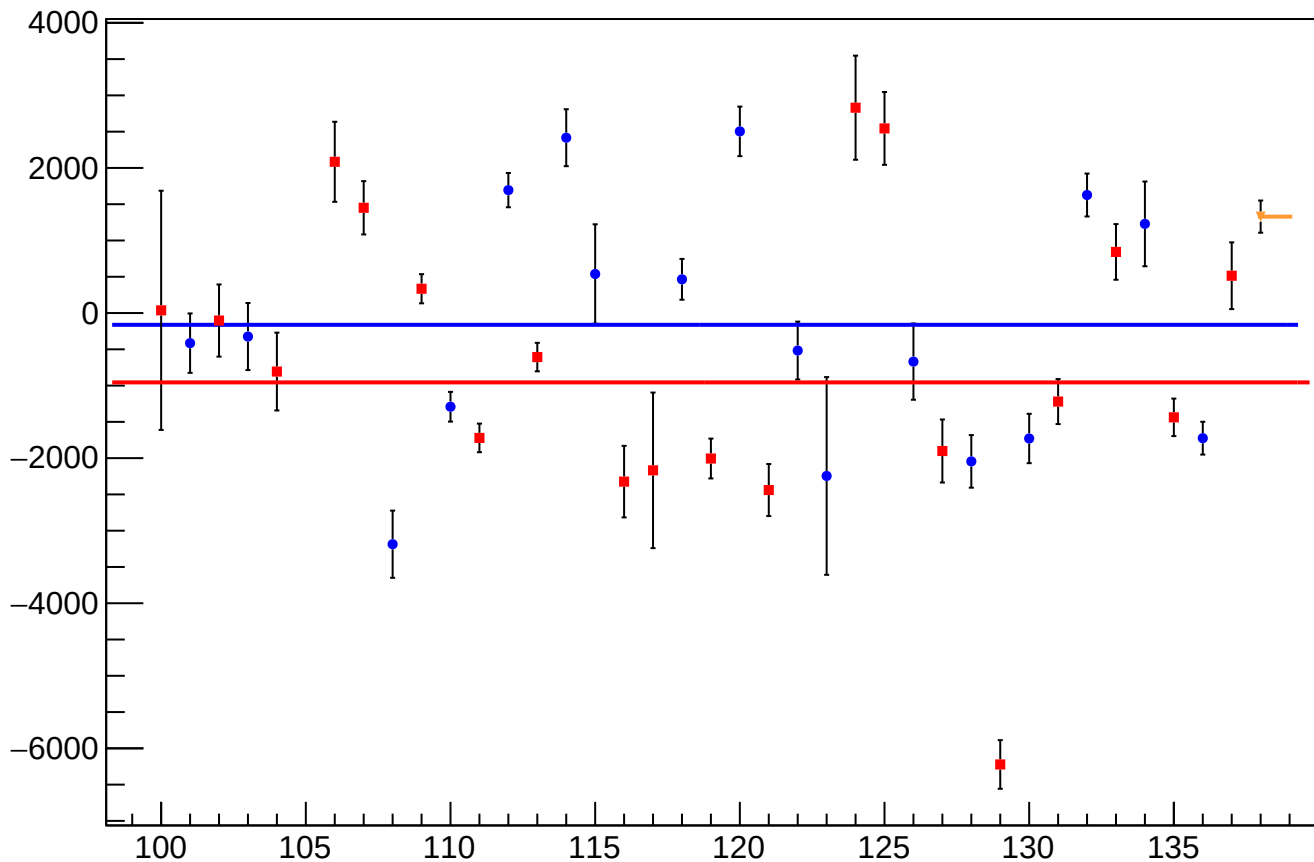
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

442.251+/-0.146 χ^2/NDF : 3144568.6/17

474.110+/-0.111 χ^2/NDF : 6890183.2/37

518.306+/-0.172 χ^2/NDF : 3631833.9/19

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -162.333 ± 82.350 χ^2/NDF : 387.6/16

Left Out: 1328.941 ± 221.860 χ^2/NDF : 0.0/0

Right Out: -956.044 ± 74.949 χ^2/NDF : 541.1/19

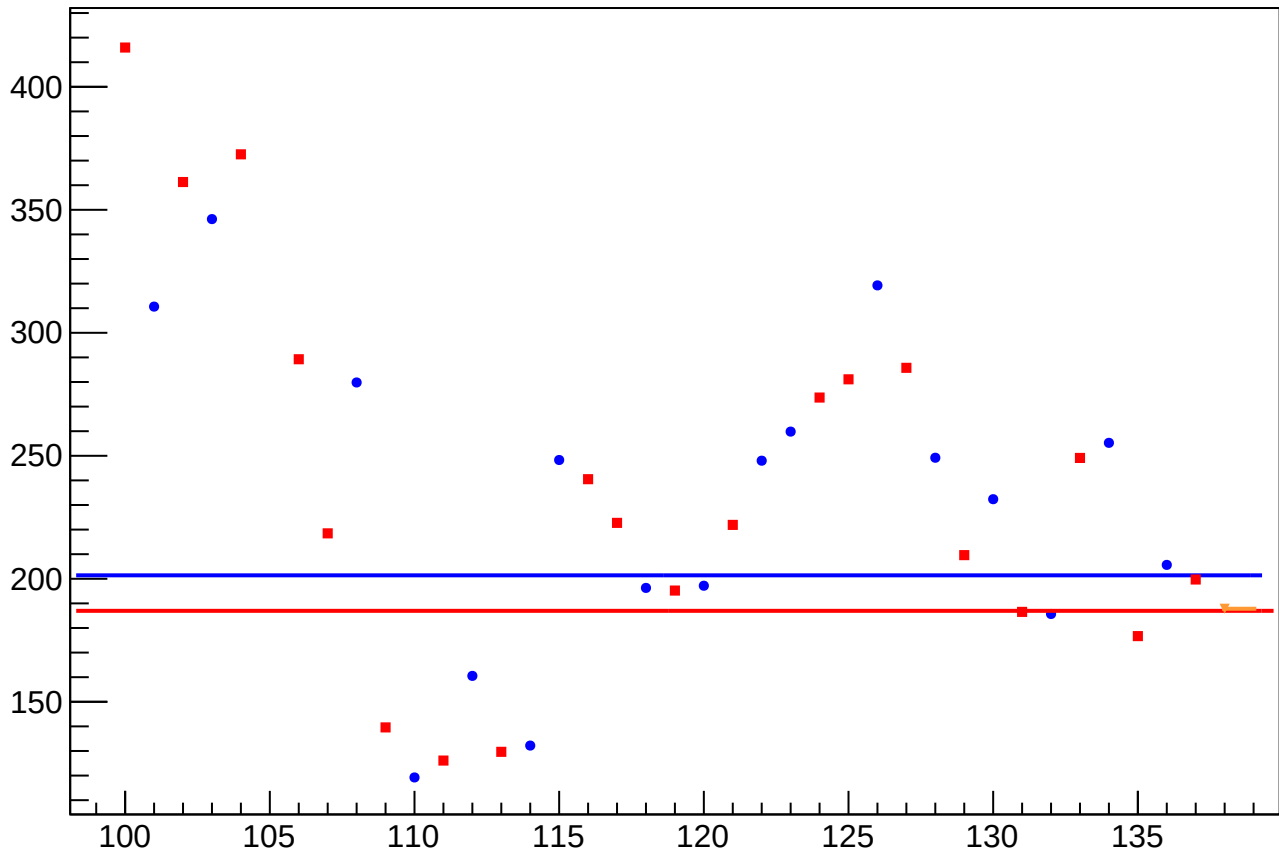
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

18.248 ± 77.203 χ^2/NDF : 427.3/17

-483.328 ± 53.776 χ^2/NDF : 1050.3/37

-956.044 ± 74.949 χ^2/NDF : 541.1/19

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.409+/-0.058 χ^2/NDF : 1056022.1/16

Left Out: 187.825+/-0.157 χ^2/NDF : 0.0/0

Right Out: 186.973+/-0.053 χ^2/NDF : 1395397.8/19

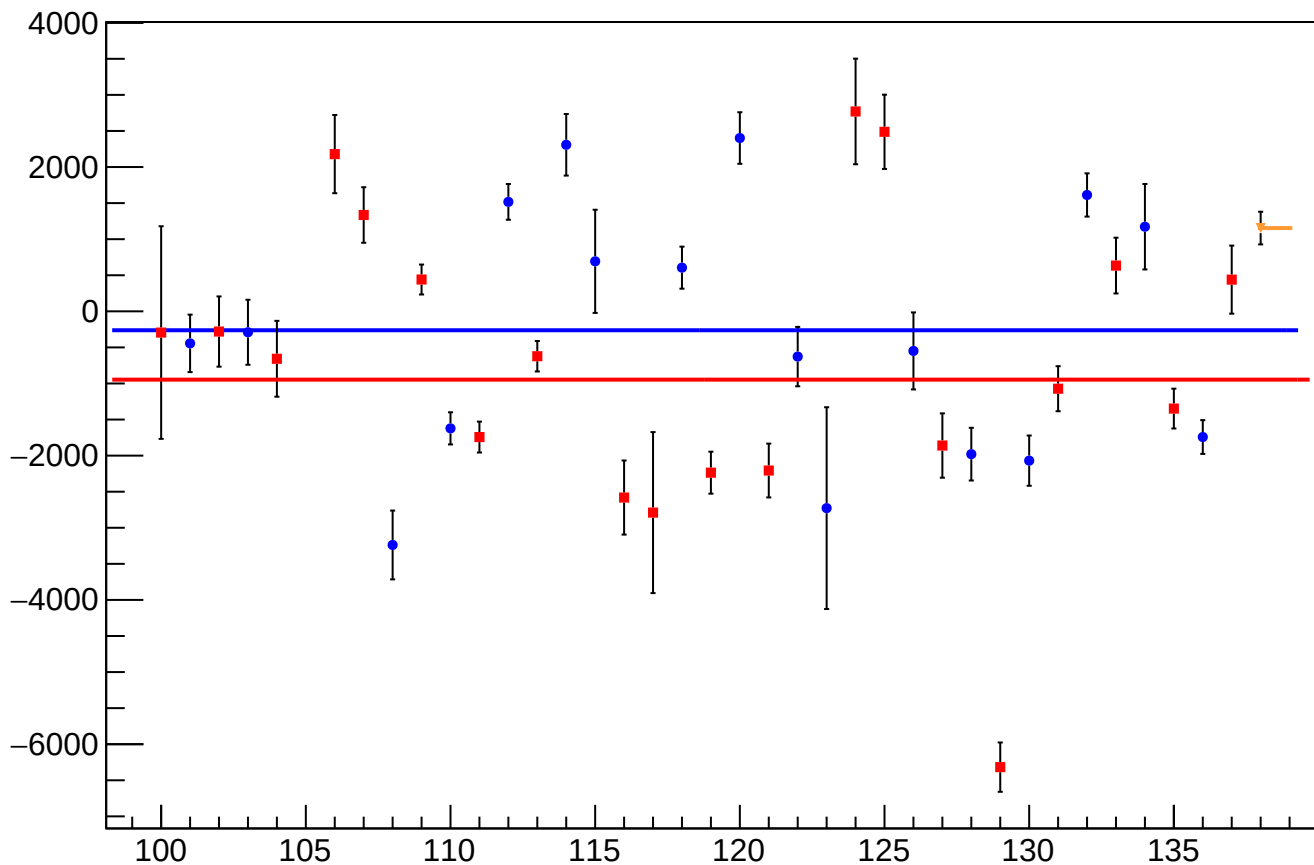
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.764+/-0.055 χ^2/NDF : 1062612.2/17

193.179+/-0.038 χ^2/NDF : 2486273.7/37

186.973+/-0.053 χ^2/NDF : 1395397.8/19

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -262.324+/-85.433 χ^2/NDF : 368.7/16

Left Out: 1154.157+/-226.503 χ^2/NDF : 0.0/0

Right Out: -946.785+/-78.241 χ^2/NDF : 524.6/19

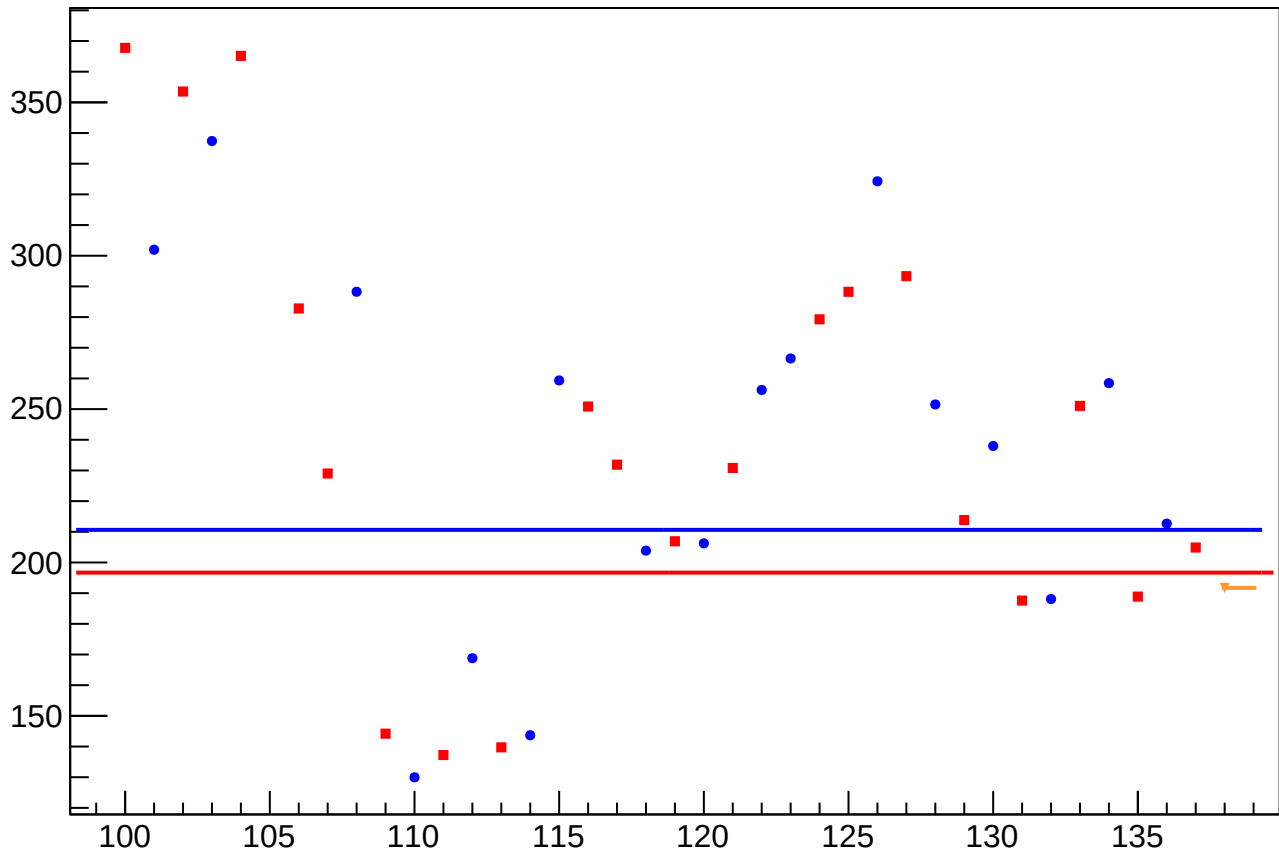
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-85.903+/-79.936 χ^2/NDF : 402.9/17

-525.569+/-55.914 χ^2/NDF : 986.8/37

-946.785+/-78.241 χ^2/NDF : 524.6/19

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636 ± 0.060 χ^2/NDF : 875776.4/16

Left Out: 191.706 ± 0.160 χ^2/NDF : 0.0/0

Right Out: 196.702 ± 0.055 χ^2/NDF : 1207089.6/19

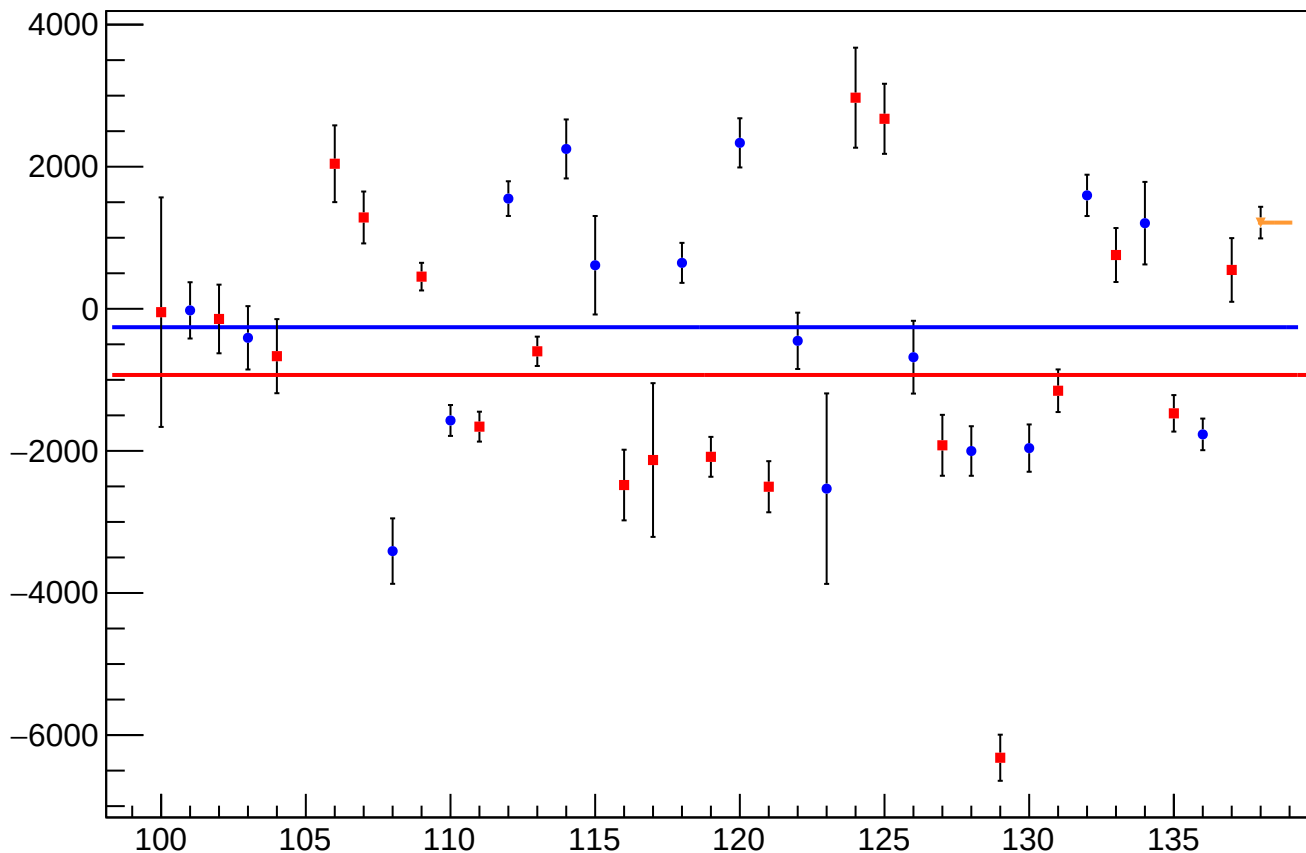
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

208.278 ± 0.057 χ^2/NDF : 888005.8/17

202.366 ± 0.040 χ^2/NDF : 2116516.7/37

196.702 ± 0.055 χ^2/NDF : 1207089.6/19

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -259.139+/-82.802 χ^2/NDF : 391.2/16

Left Out: 1213.258+/-222.431 χ^2/NDF : 0.0/0

Right Out: -931.363+/-75.320 χ^2/NDF : 583.1/19

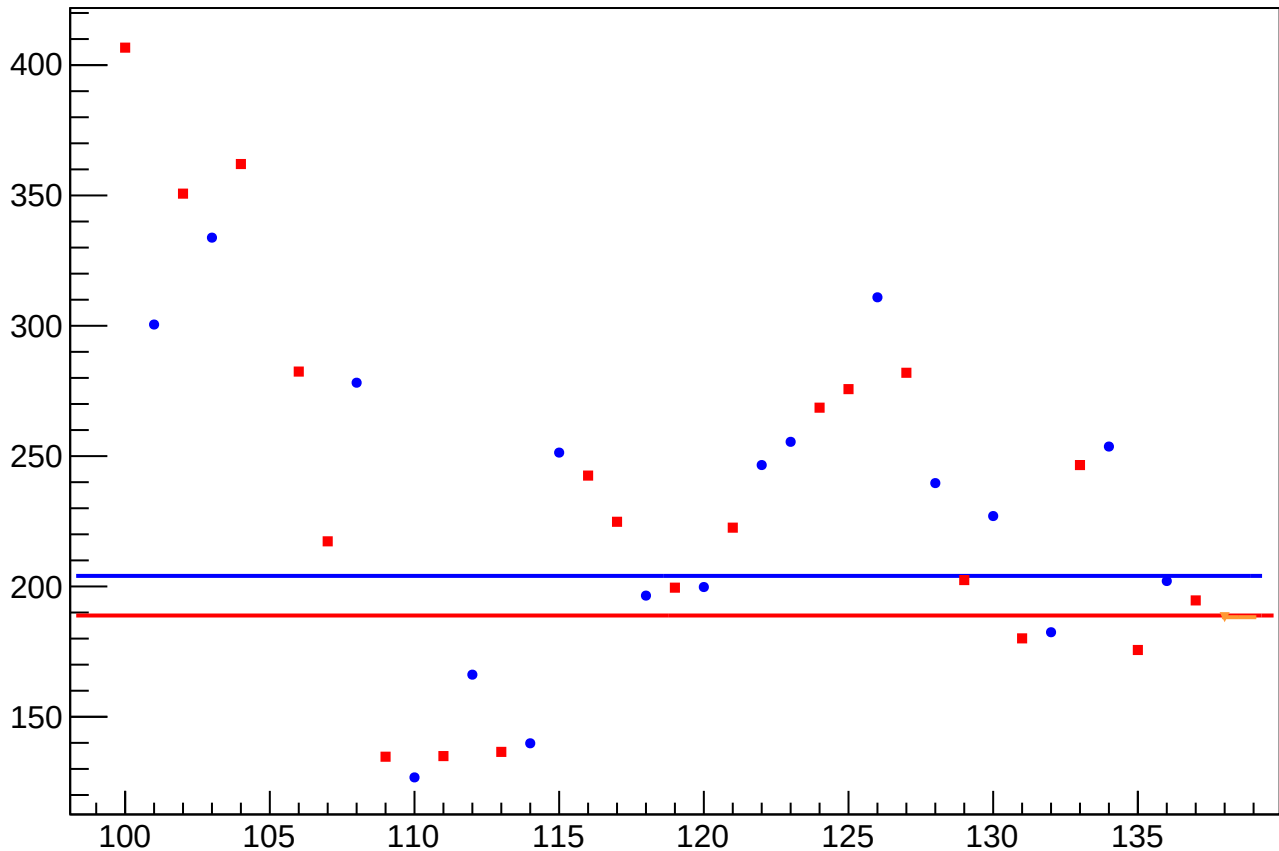
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-79.934+/-77.600 χ^2/NDF : 429.7/17

-518.336+/-54.047 χ^2/NDF : 1074.8/37

-931.363+/-75.320 χ^2/NDF : 583.1/19

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.051+/-0.059 χ^2/NDF : 868423.0/16

Left Out: 188.207+/-0.157 χ^2/NDF : 0.0/0

Right Out: 188.856+/-0.053 χ^2/NDF : 1253327.1/19

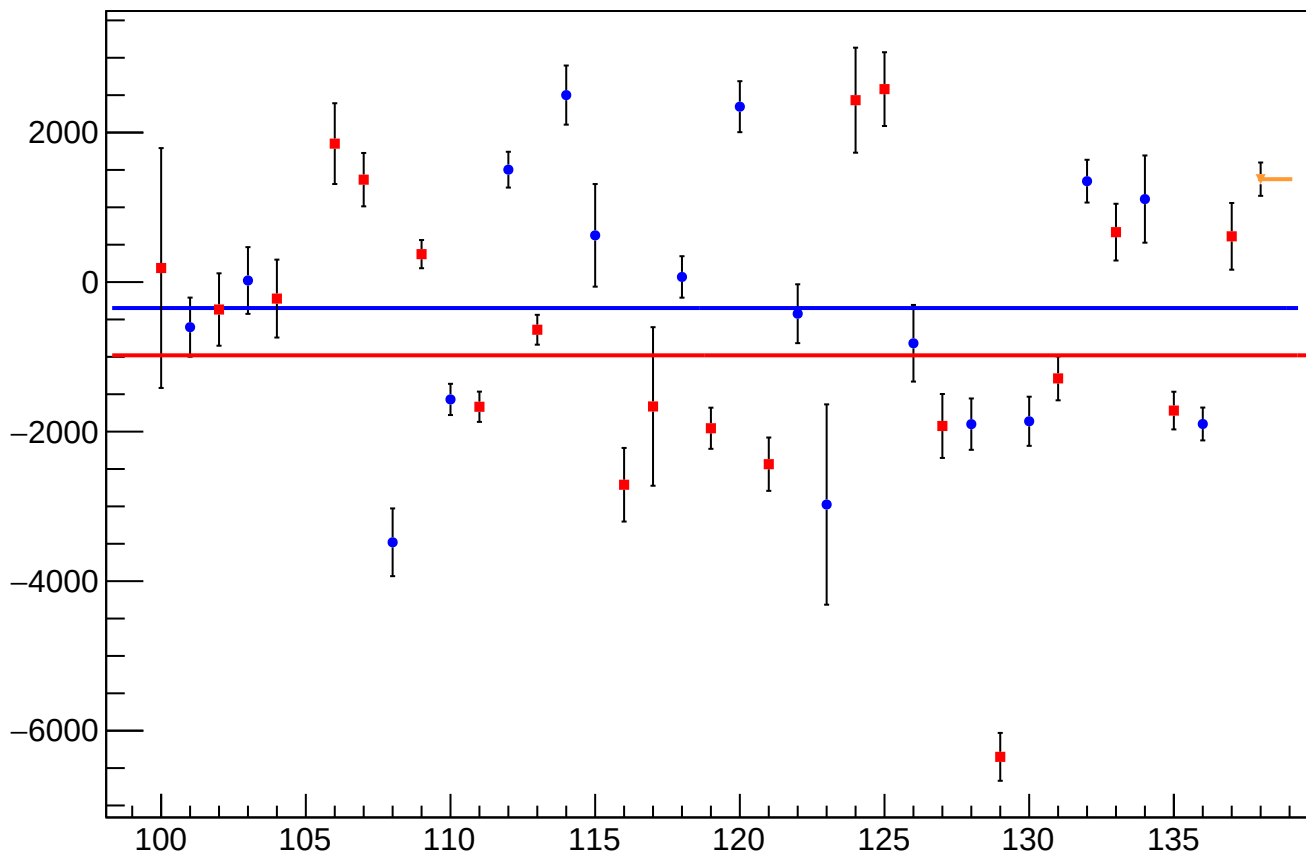
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

202.123+/-0.055 χ^2/NDF : 877336.0/17

195.291+/-0.038 χ^2/NDF : 2160764.9/37

188.856+/-0.053 χ^2/NDF : 1253327.1/19

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -347.240+/-81.318 χ^2/NDF : 399.1/16

Left Out: 1376.211+/-222.862 χ^2/NDF : 0.0/0

Right Out: -979.606+/-73.710 χ^2/NDF : 586.1/19

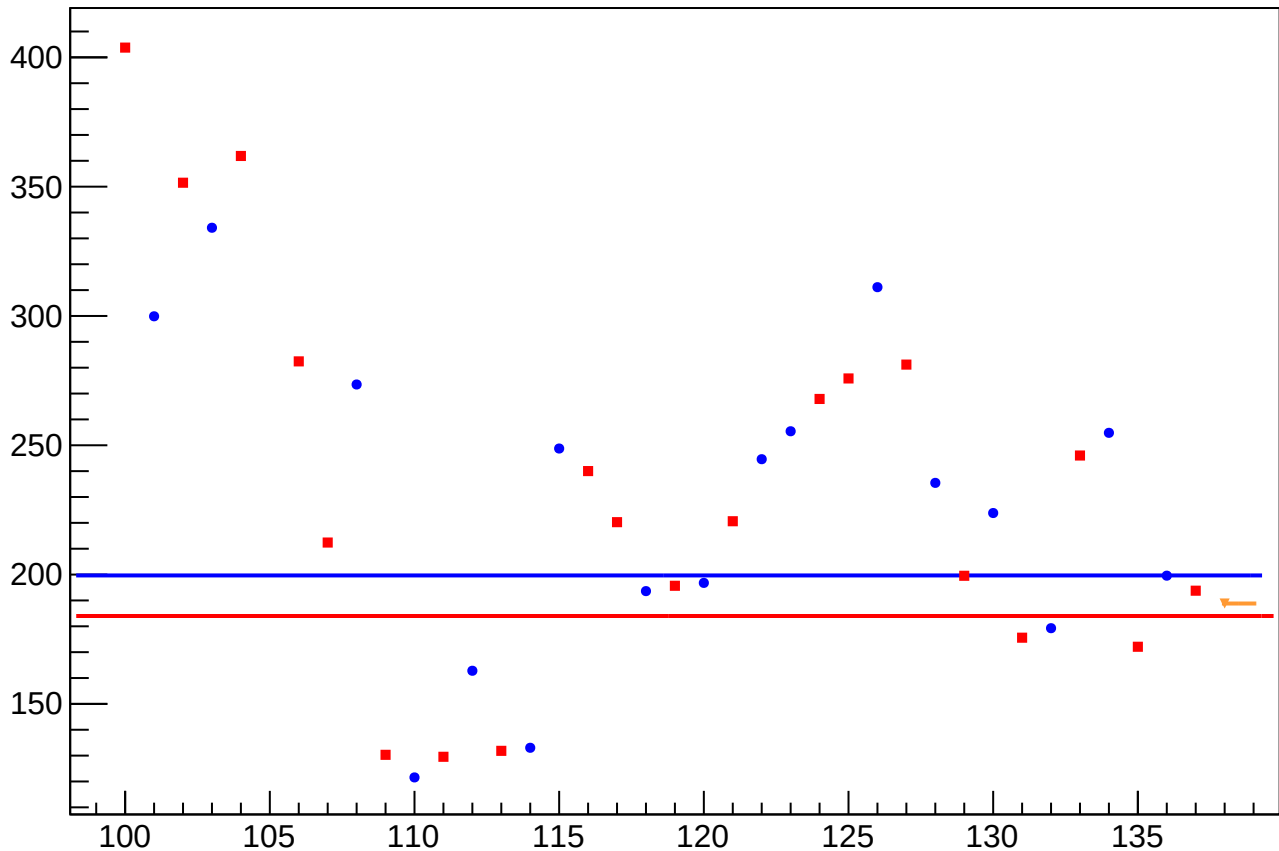
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-144.745+/-76.391 χ^2/NDF : 451.8/17

-577.083+/-53.043 χ^2/NDF : 1099.8/37

-979.606+/-73.710 χ^2/NDF : 586.1/19

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.669+/-0.058 χ^2/NDF : 943155.1/16

Left Out: 188.811+/-0.158 χ^2/NDF : 0.0/0

Right Out: 183.984+/-0.052 χ^2/NDF : 1351978.1/19

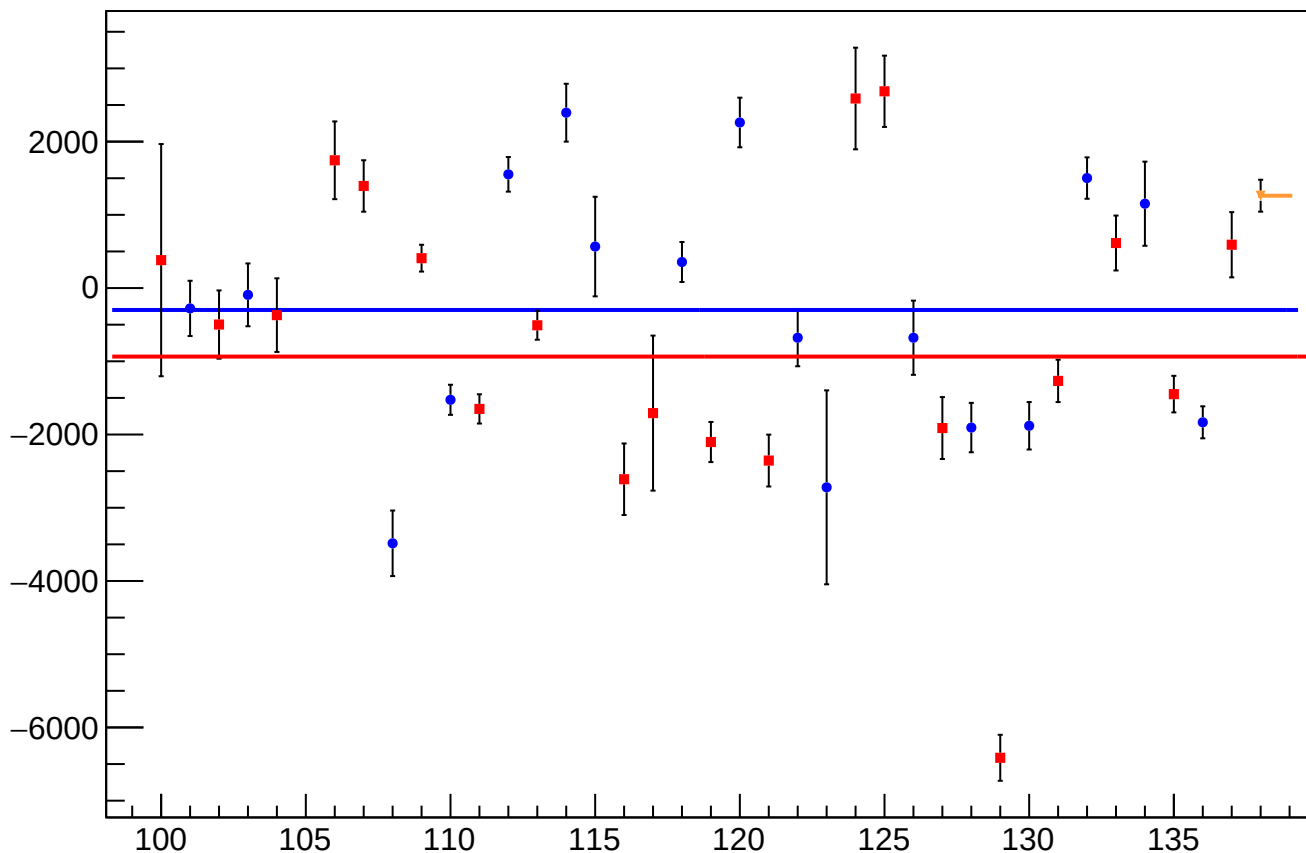
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

198.393+/-0.054 χ^2/NDF : 947344.9/17

190.932+/-0.038 χ^2/NDF : 2336171.0/37

183.984+/-0.052 χ^2/NDF : 1351978.1/19

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -298.963 ± 80.162 χ^2/NDF : 406.6/16

Left Out: 1261.330 ± 218.116 χ^2/NDF : 0.0/0

Right Out: -935.490 ± 72.580 χ^2/NDF : 615.3/19

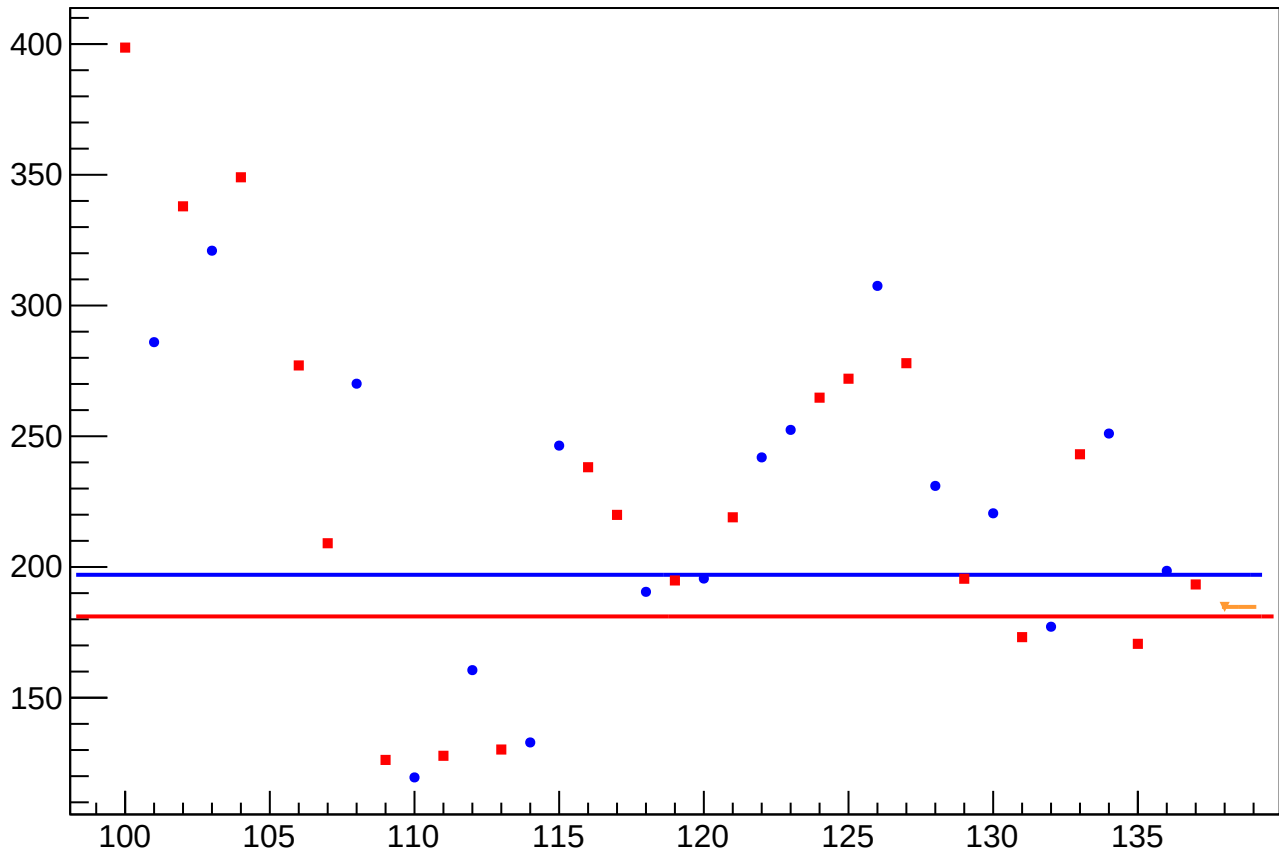
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-113.292 ± 75.241 χ^2/NDF : 451.7/17

-539.190 ± 52.237 χ^2/NDF : 1128.8/37

-935.490 ± 72.580 χ^2/NDF : 615.3/19

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 197.013 $\pm$ 0.057 χ^2 /NDF: 911923.5/16

Left Out: 184.736 $\pm$ 0.154 χ^2 /NDF:0.0/0

Right Out: 181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

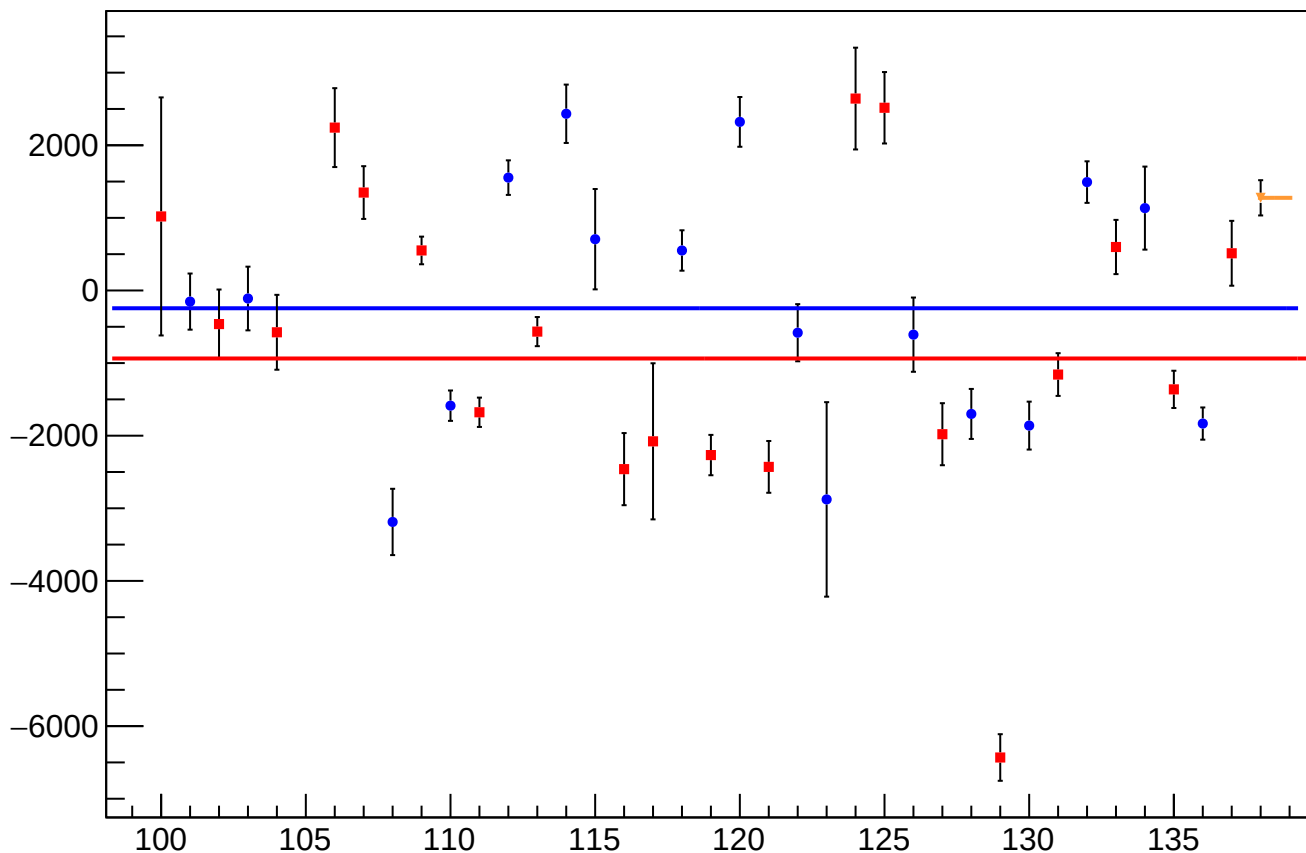
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

195.552 $\pm$ 0.053 χ^2 /NDF: 917506.1/17

188.061 $\pm$ 0.037 χ^2 /NDF: 2304175.9/37

181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.925+/-81.395 χ^2/NDF : 391.4/16

Left Out: 1276.011+/-242.773 χ^2/NDF : 0.0/0

Right Out: -936.709+/-74.030 χ^2/NDF : 610.9/19

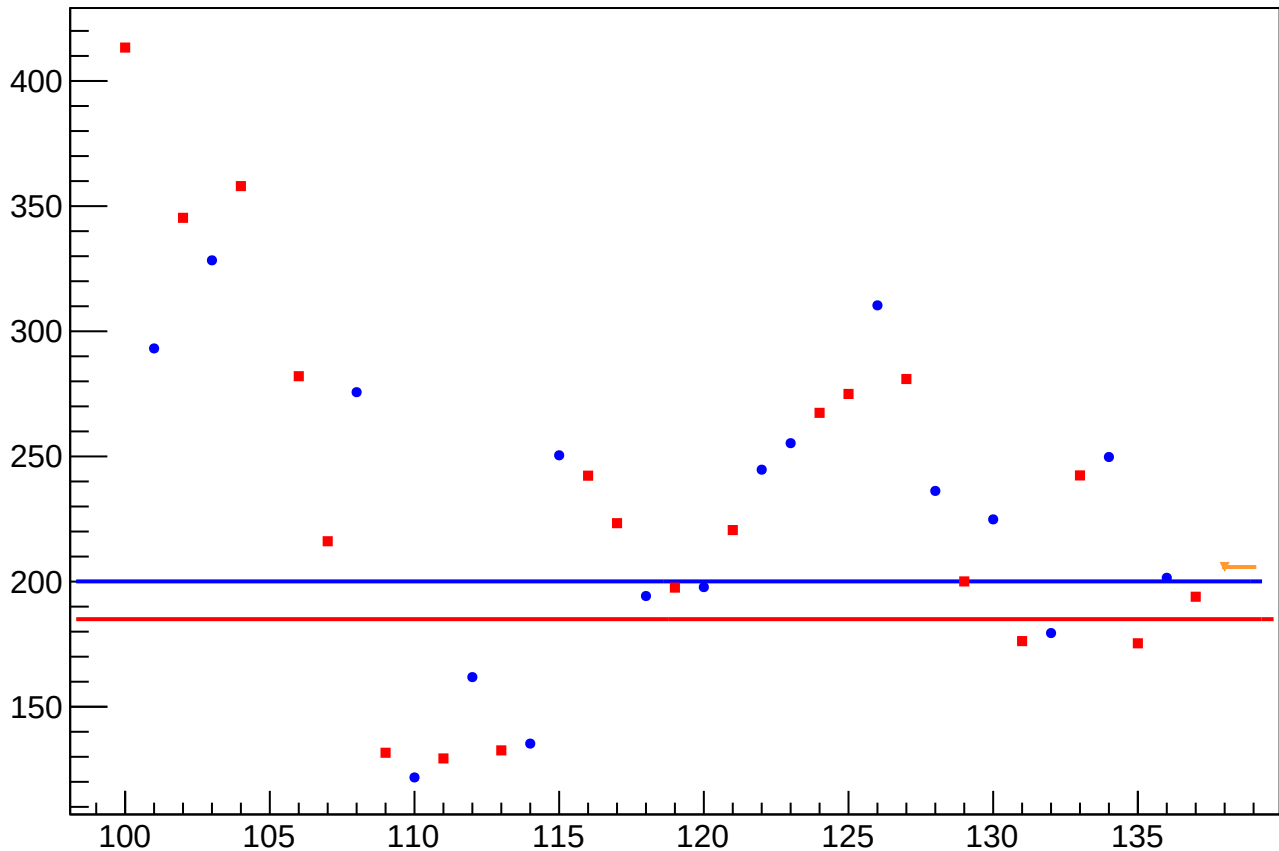
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-91.236+/-77.173 χ^2/NDF : 426.7/17

-531.542+/-53.424 χ^2/NDF : 1100.1/37

-936.709+/-74.030 χ^2/NDF : 610.9/19

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.078+/-0.058 χ^2/NDF : 918309.2/16

Left Out: 205.827+/-0.172 χ^2/NDF : 0.0/0

Right Out: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

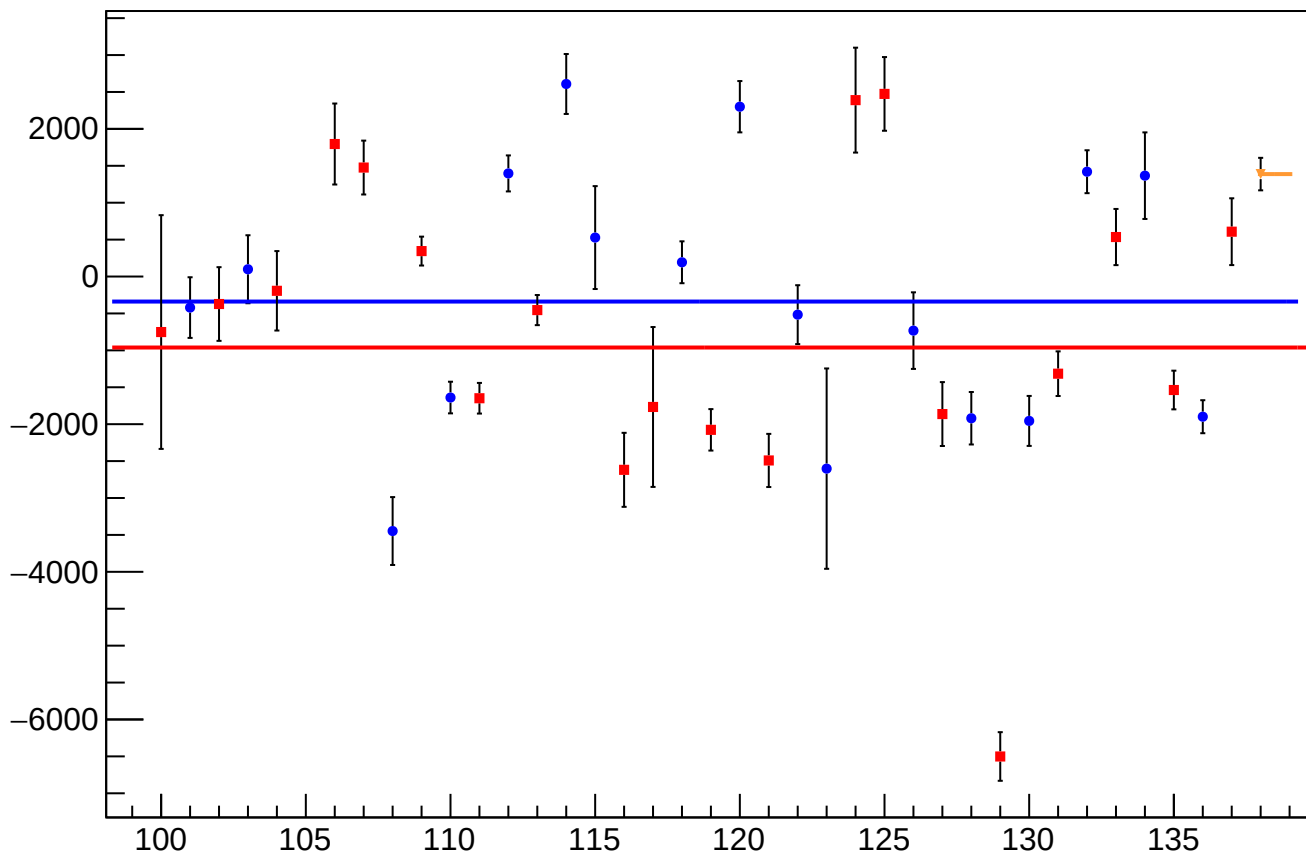
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

200.659+/-0.055 χ^2/NDF : 919317.4/17

192.499+/-0.038 χ^2/NDF : 2283080.9/37

184.990+/-0.052 χ^2/NDF : 1320825.4/19

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -338.966+/-83.123 χ^2/NDF : 389.5/16

Left Out: 1387.667+/-220.158 χ^2/NDF : 0.0/0

Right Out: -961.556+/-75.564 χ^2/NDF : 570.9/19

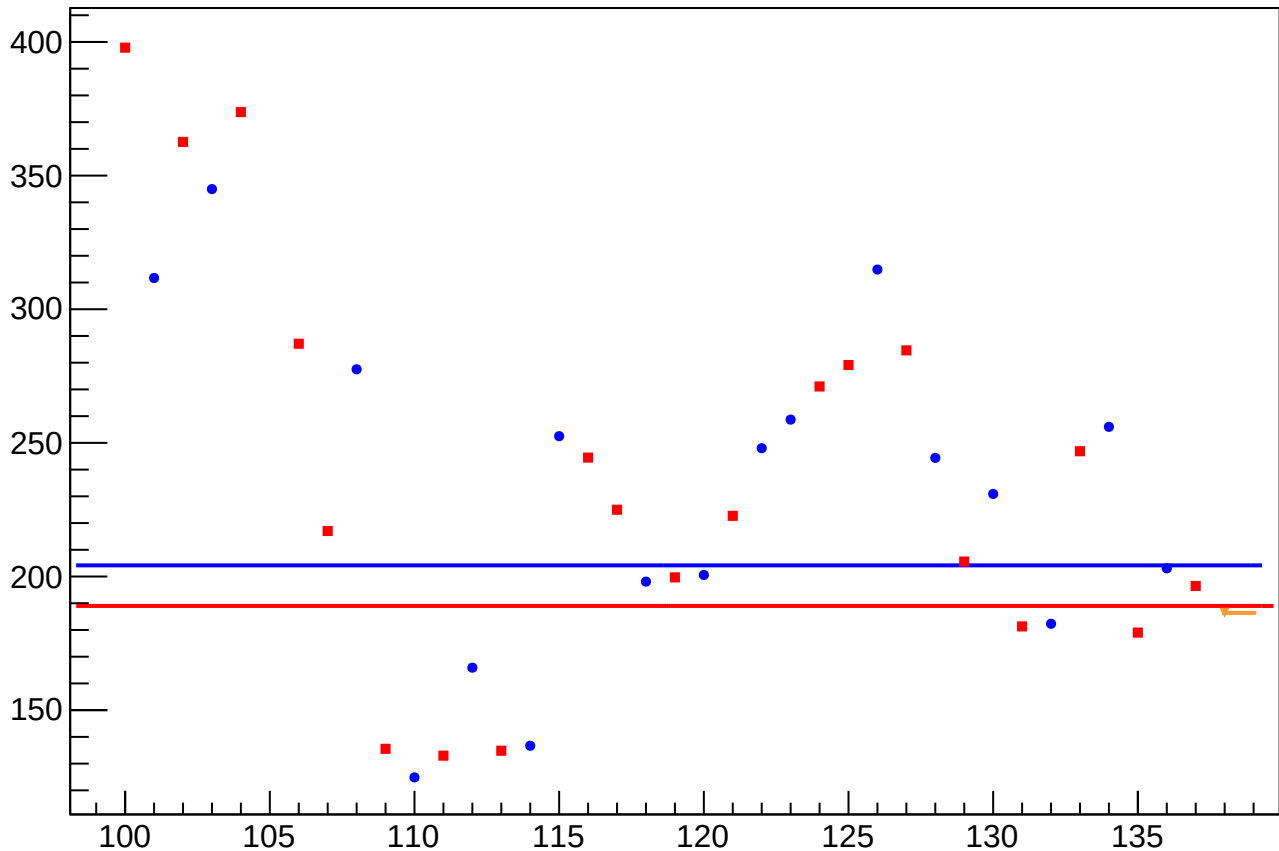
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-123.543+/-77.765 χ^2/NDF : 443.3/17

-554.574+/-54.193 χ^2/NDF : 1073.9/37

-961.556+/-75.564 χ^2/NDF : 570.9/19

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.175+/-0.059 χ^2/NDF : 947438.5/16

Left Out: 186.389+/-0.156 χ^2/NDF : 0.0/0

Right Out: 188.997+/-0.053 χ^2/NDF : 1317112.1/19

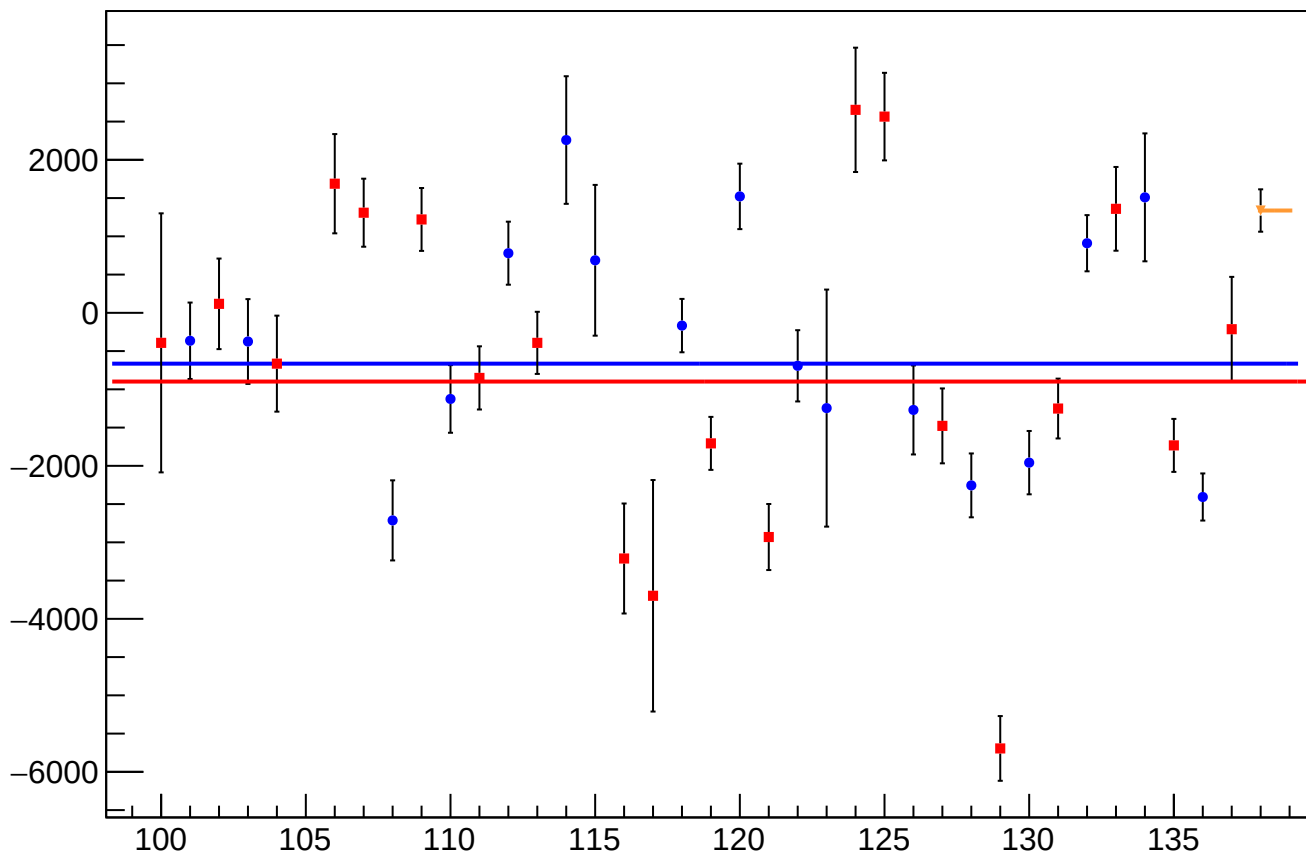
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

201.956+/-0.055 χ^2/NDF : 958863.2/17

195.291+/-0.038 χ^2/NDF : 2304542.0/37

188.997+/-0.053 χ^2/NDF : 1317112.1/19

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.383+/-113.949 χ^2/NDF : 154.3/16

Left Out: 1337.462+/-276.991 χ^2/NDF : 0.0/0

Right Out: -898.290+/-110.578 χ^2/NDF : 323.5/19

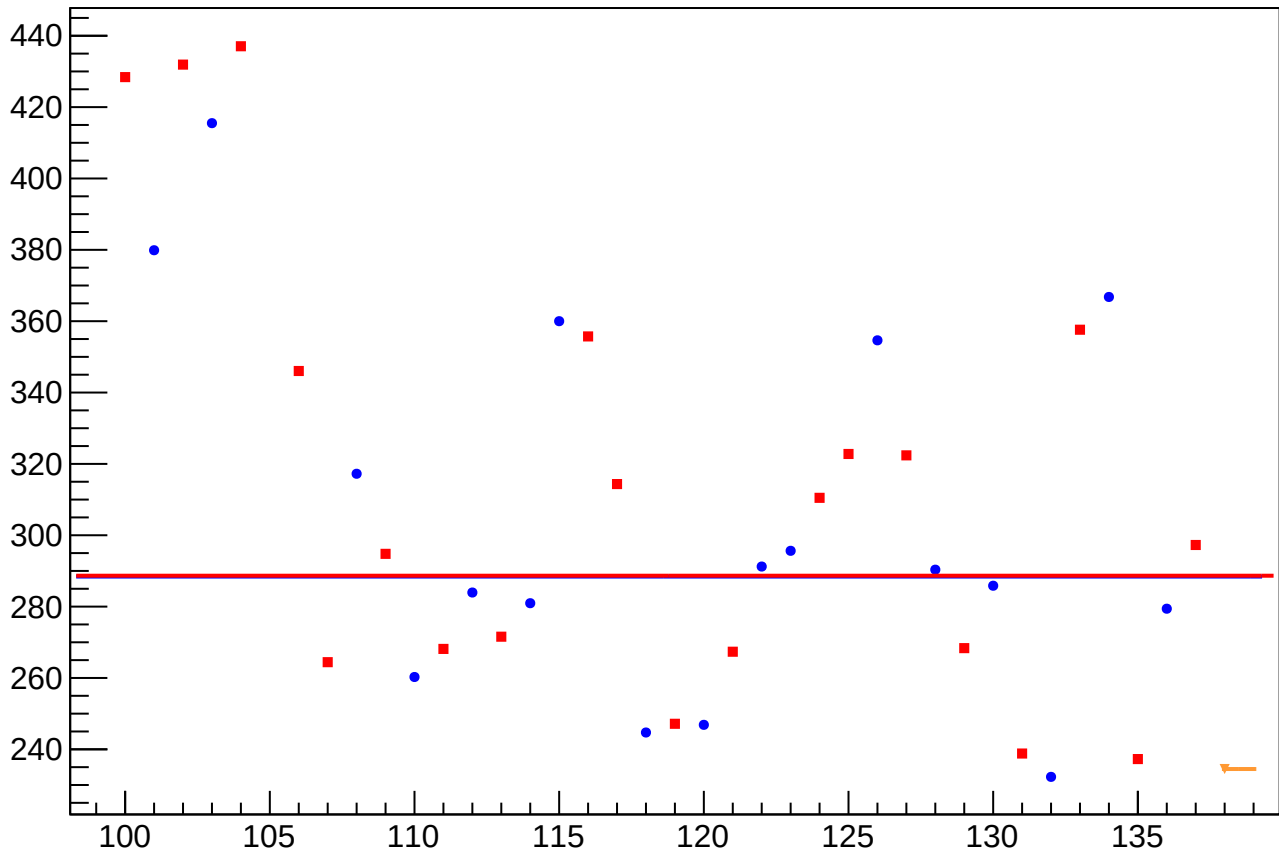
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-374.638+/-105.380 χ^2/NDF : 199.0/17

-623.867+/-76.286 χ^2/NDF : 534.3/37

-898.290+/-110.578 χ^2/NDF : 323.5/19

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 288.428+/-0.081 χ^2/NDF : 339820.0/16

Left Out: 234.479+/-0.196 χ^2/NDF : 0.0/0

Right Out: 288.660+/-0.078 χ^2/NDF : 455989.7/19

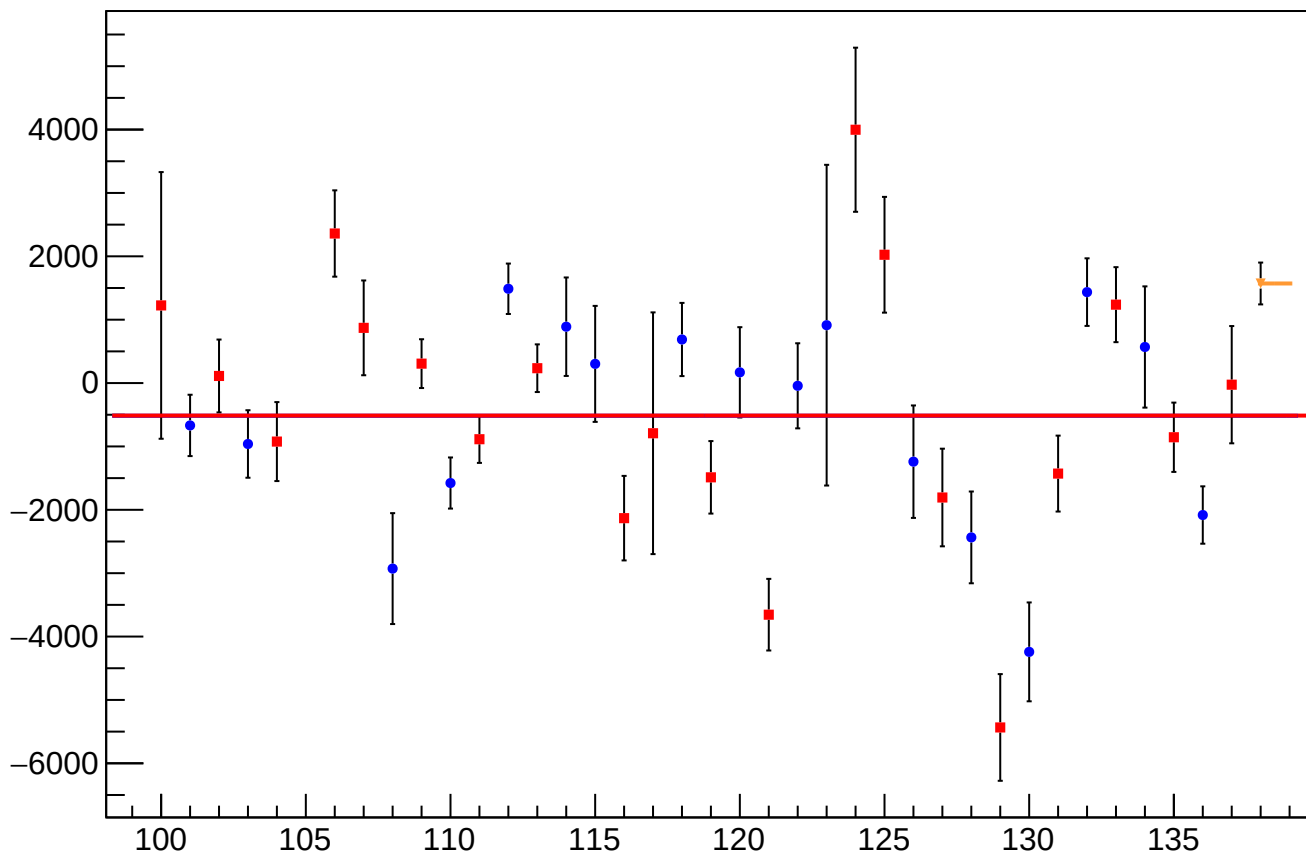
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

280.620+/-0.075 χ^2/NDF : 404708.5/17

284.446+/-0.054 χ^2/NDF : 866239.5/37

288.660+/-0.078 χ^2/NDF : 455989.7/19

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -515.894+/-147.326 χ^2/NDF : 108.0/16

Left Out: 1571.325+/-330.173 χ^2/NDF : 0.0/0

Right Out: -513.264+/-135.456 χ^2/NDF : 141.3/19

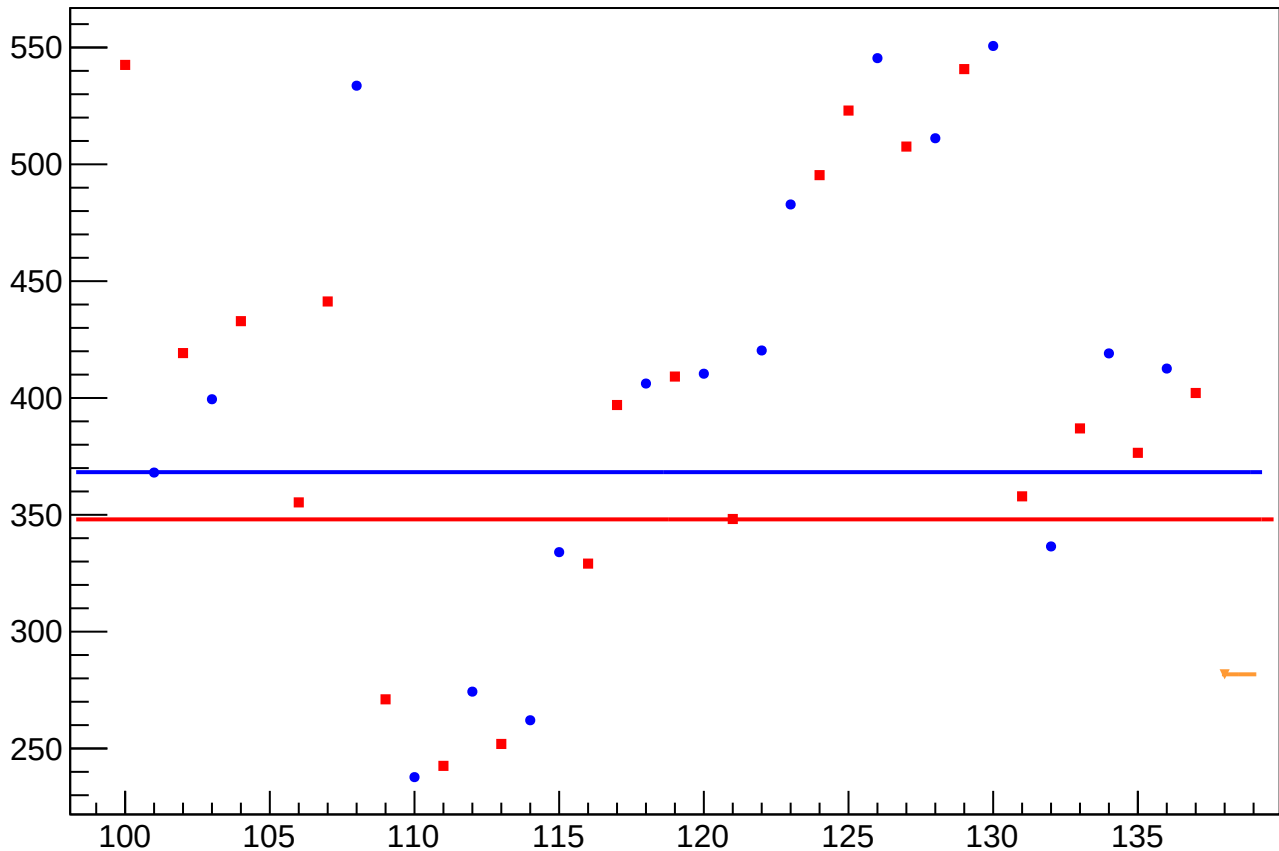
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-169.325+/-134.540 χ^2/NDF : 141.3/17

-340.129+/-95.456 χ^2/NDF : 285.9/37

-513.264+/-135.456 χ^2/NDF : 141.3/19

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 368.264 ± 0.104 $\chi^2/\text{NDF}: 770116.6/16$

Left Out: 281.739 ± 0.233 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 348.050 ± 0.096 $\chi^2/\text{NDF}: 823186.4/19$

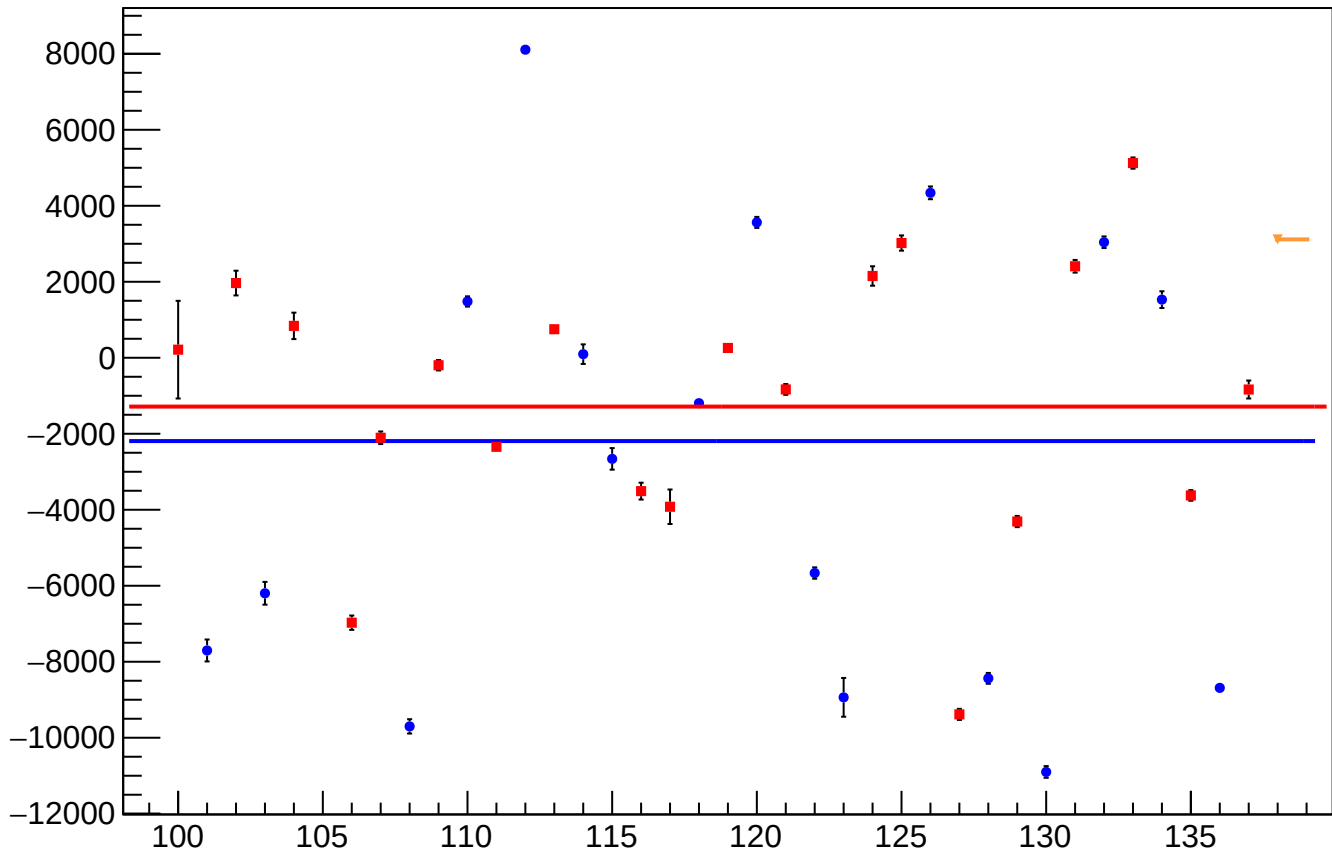
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

353.897 ± 0.095 $\chi^2/\text{NDF}: 884660.6/17$

350.994 ± 0.067 $\chi^2/\text{NDF}: 1709722.8/37$

348.050 ± 0.096 $\chi^2/\text{NDF}: 823186.4/19$

asym_bpm1i04WS_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 8584.4/19$

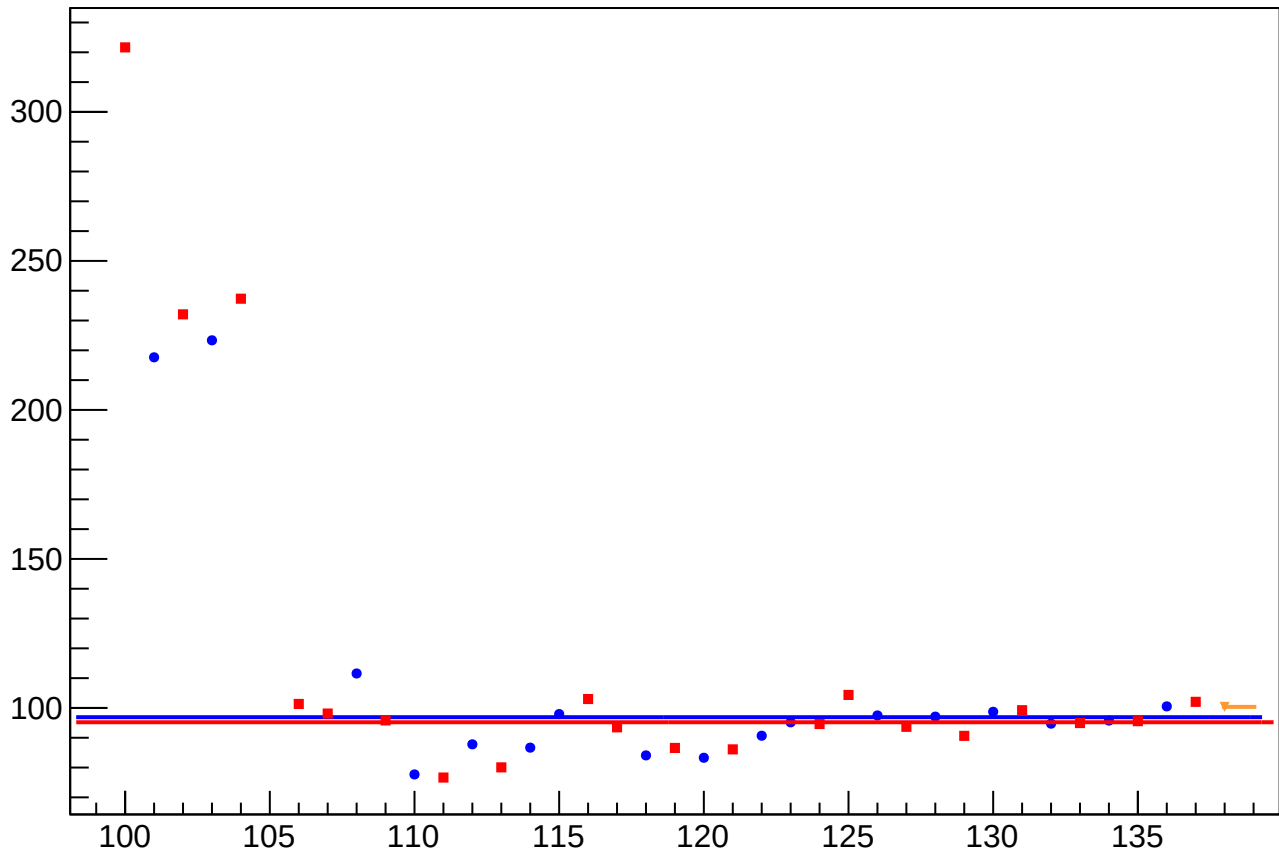
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-1648.375 ± 37.842 $\chi^2/\text{NDF}: 24623.0/17$

-1466.886 ± 26.784 $\chi^2/\text{NDF}: 33253.5/37$

-1284.692 ± 37.915 $\chi^2/\text{NDF}: 8584.4/19$

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.894 $\pm$ 0.028 χ^2 /NDF: 817229.9/16

Left Out: 100.356 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Right Out: 95.201 $\pm$ 0.027 χ^2 /NDF: 859838.2/19

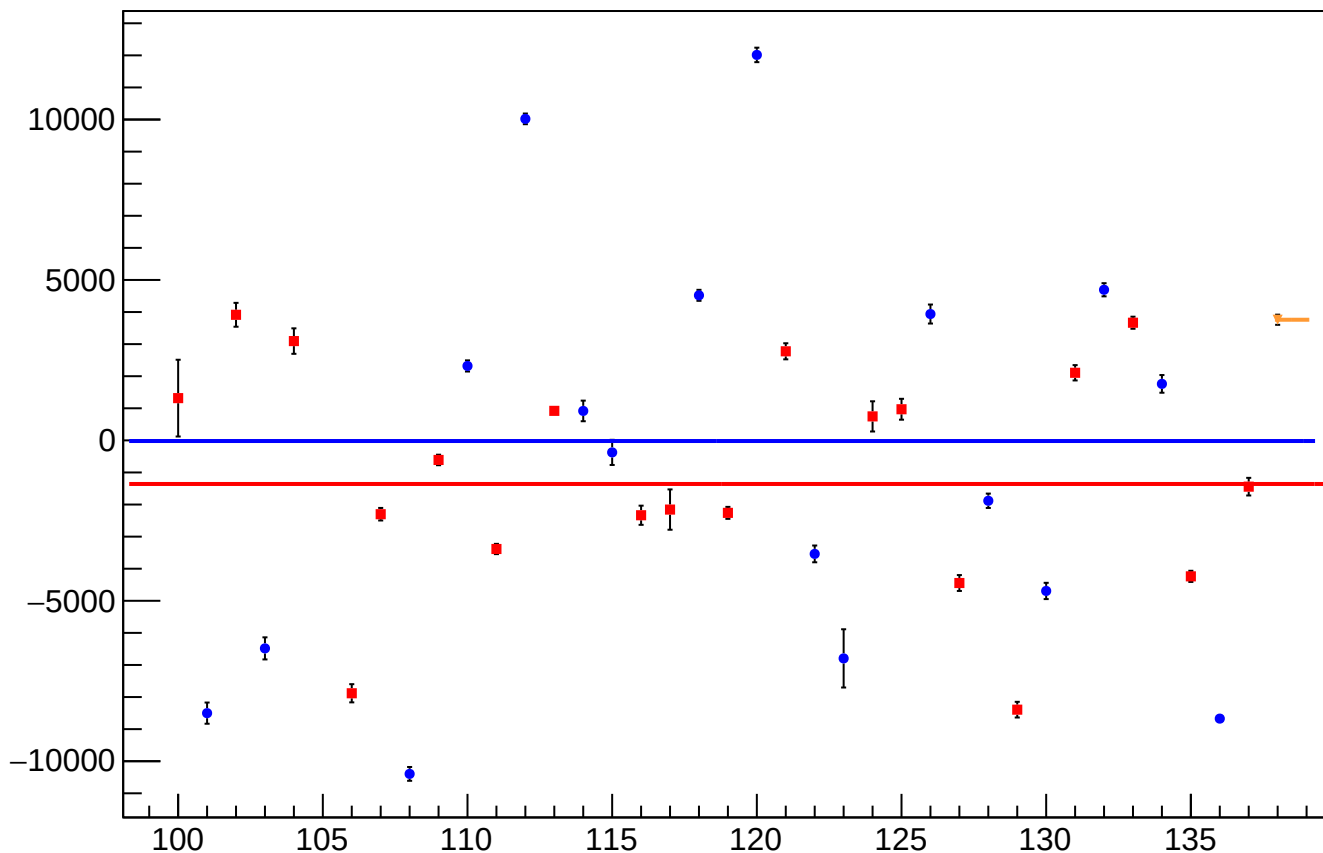
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

97.249 $\pm$ 0.027 χ^2 /NDF: 818769.9/17

96.227 $\pm$ 0.019 χ^2 /NDF: 1681529.2/37

95.201 $\pm$ 0.027 χ^2 /NDF: 859838.2/19

asym_bpm1i06WS_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3838.8/19$

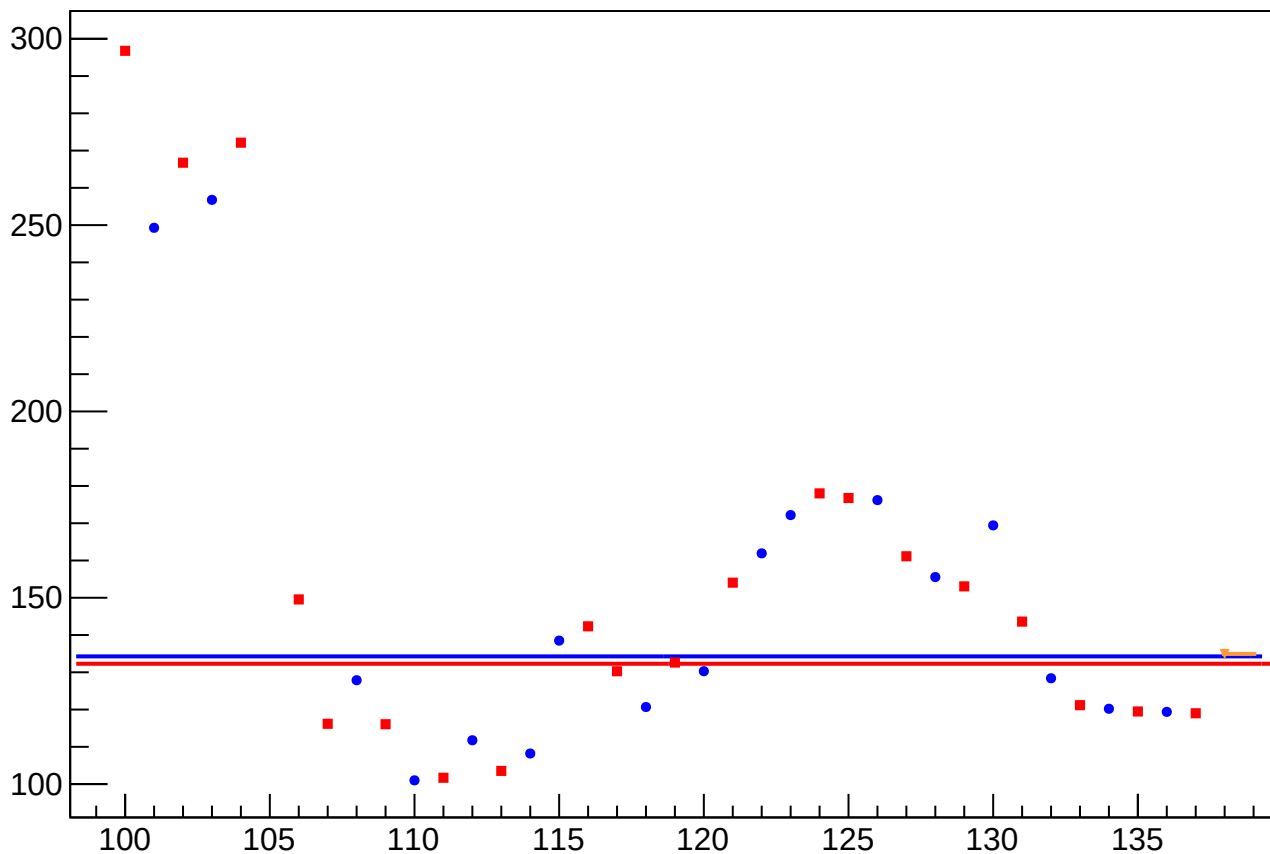
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

382.580 ± 51.652 $\chi^2/\text{NDF}: 16870.7/17$

-479.253 ± 36.711 $\chi^2/\text{NDF}: 21272.1/37$

-1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.039 χ^2/NDF : 788647.0/16

Left Out: 134.922+/-0.112 χ^2/NDF : 0.0/0

Right Out: 132.288+/-0.037 χ^2/NDF : 869913.4/19

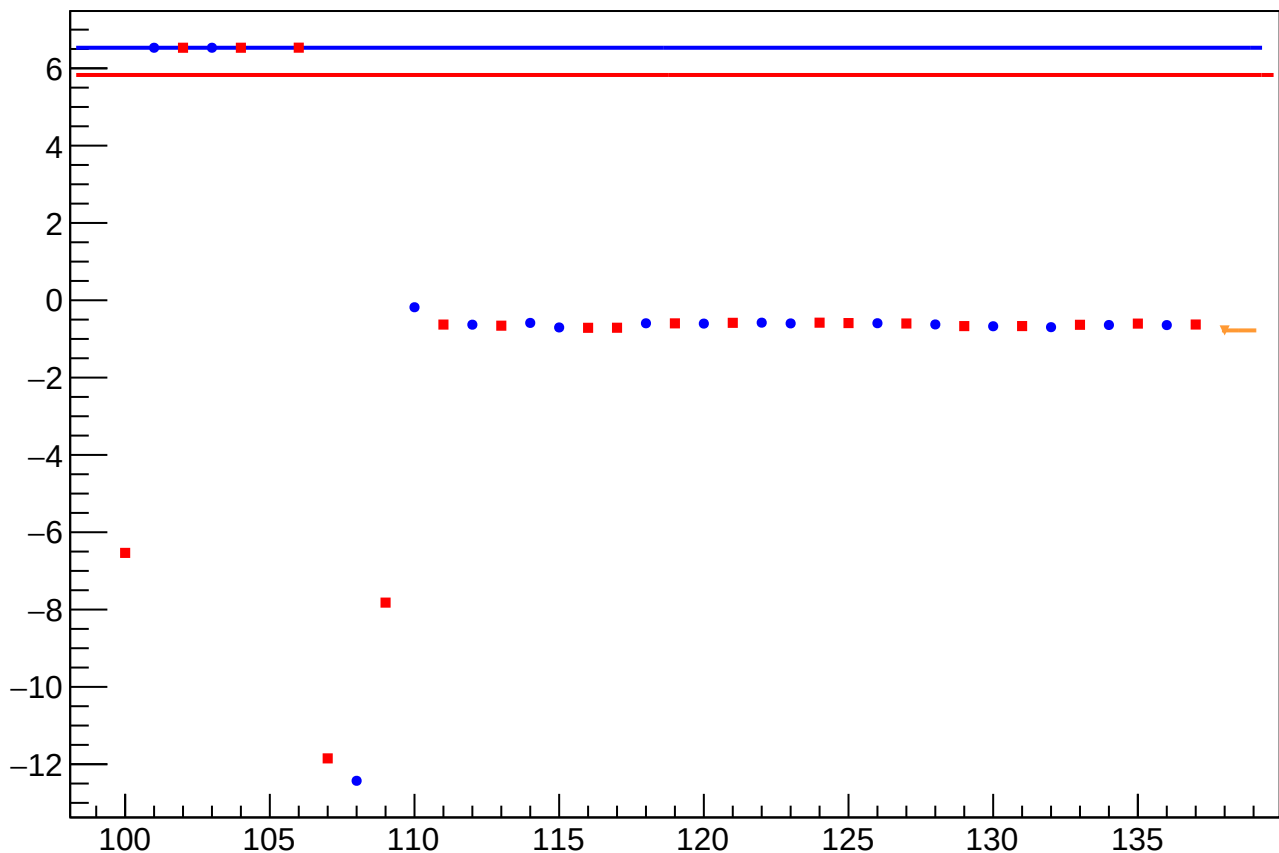
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

134.337+/-0.037 χ^2/NDF : 788677.6/17

133.323+/-0.026 χ^2/NDF : 1660148.5/37

132.288+/-0.037 χ^2/NDF : 869913.4/19

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127906780672.7/16

Left Out: -0.780 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755949520765363.8/19

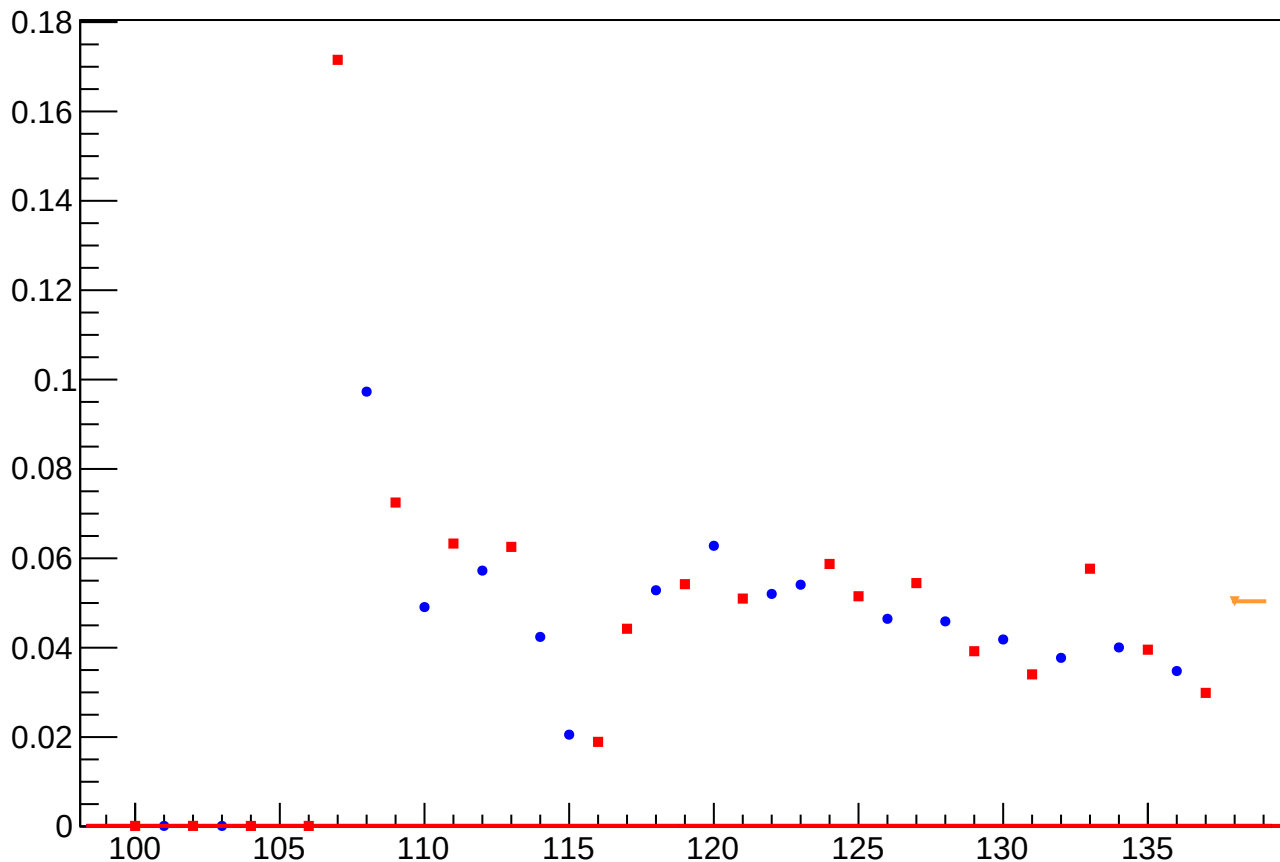
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.532 $\pm$ 0.000 χ^2 /NDF: 140751980976.5/17

6.155 $\pm$ 0.000 χ^2 /NDF: 77609234140342

5.827 $\pm$ 0.000 χ^2 /NDF: 755949520765363.8/19

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9028405.7/16

Left Out: 0.050+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

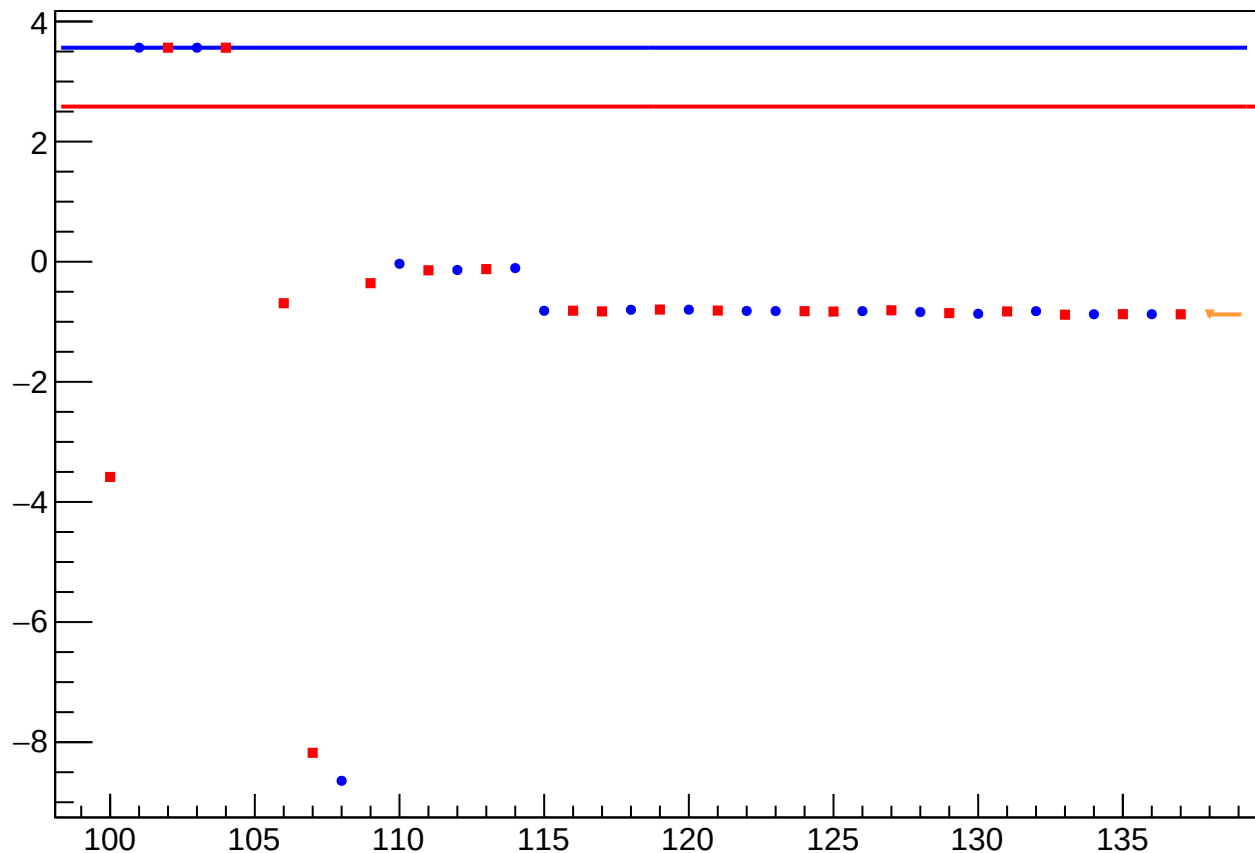
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 10242529.0/17

0.000+/-0.000 χ^2/NDF : 19696003.1/37

0.000+/-0.000 χ^2/NDF : 9453181.1/19

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 486958795673.0/16

Left Out: -0.878+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

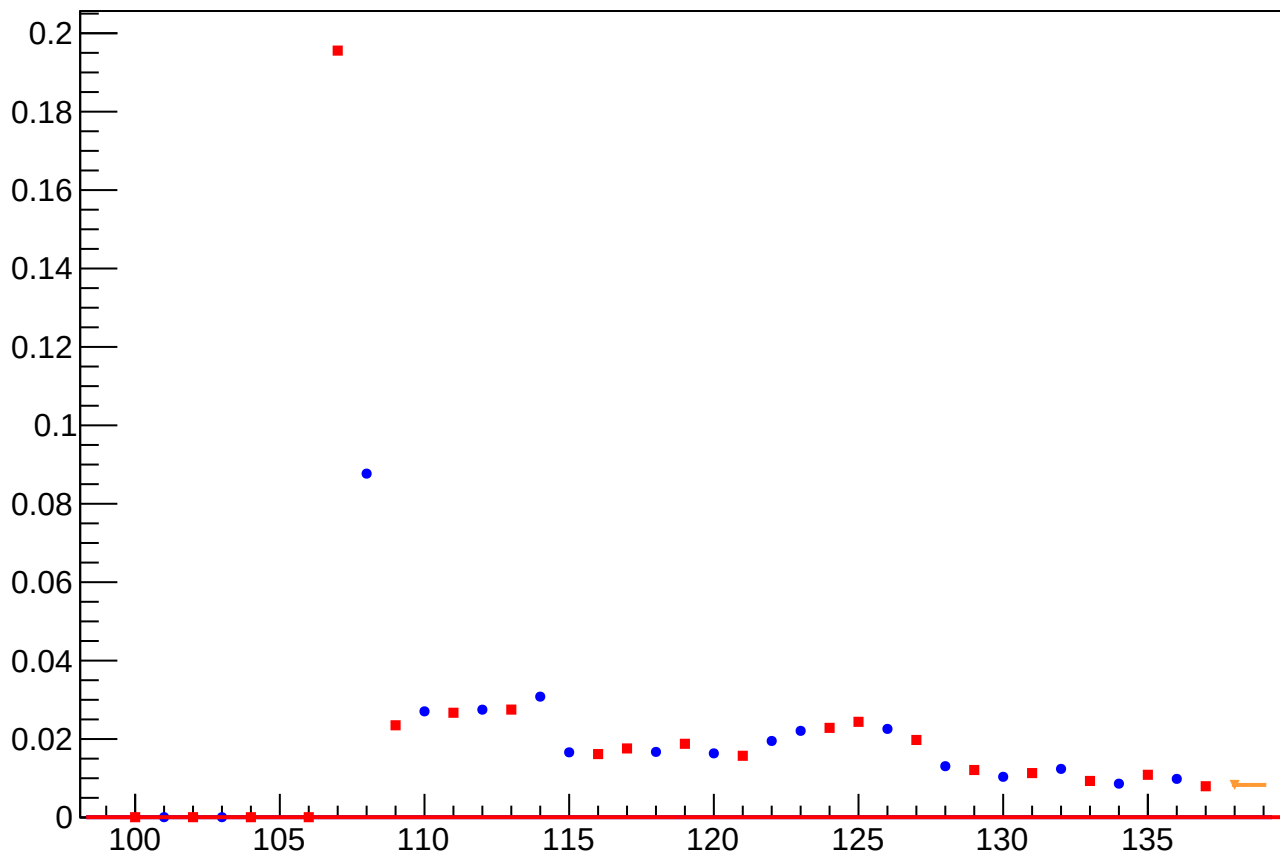
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.563+/-0.000 χ^2/NDF : 688630414042.1/17

3.040+/-0.000 χ^2/NDF : 13824220632408

2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9848258.0/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

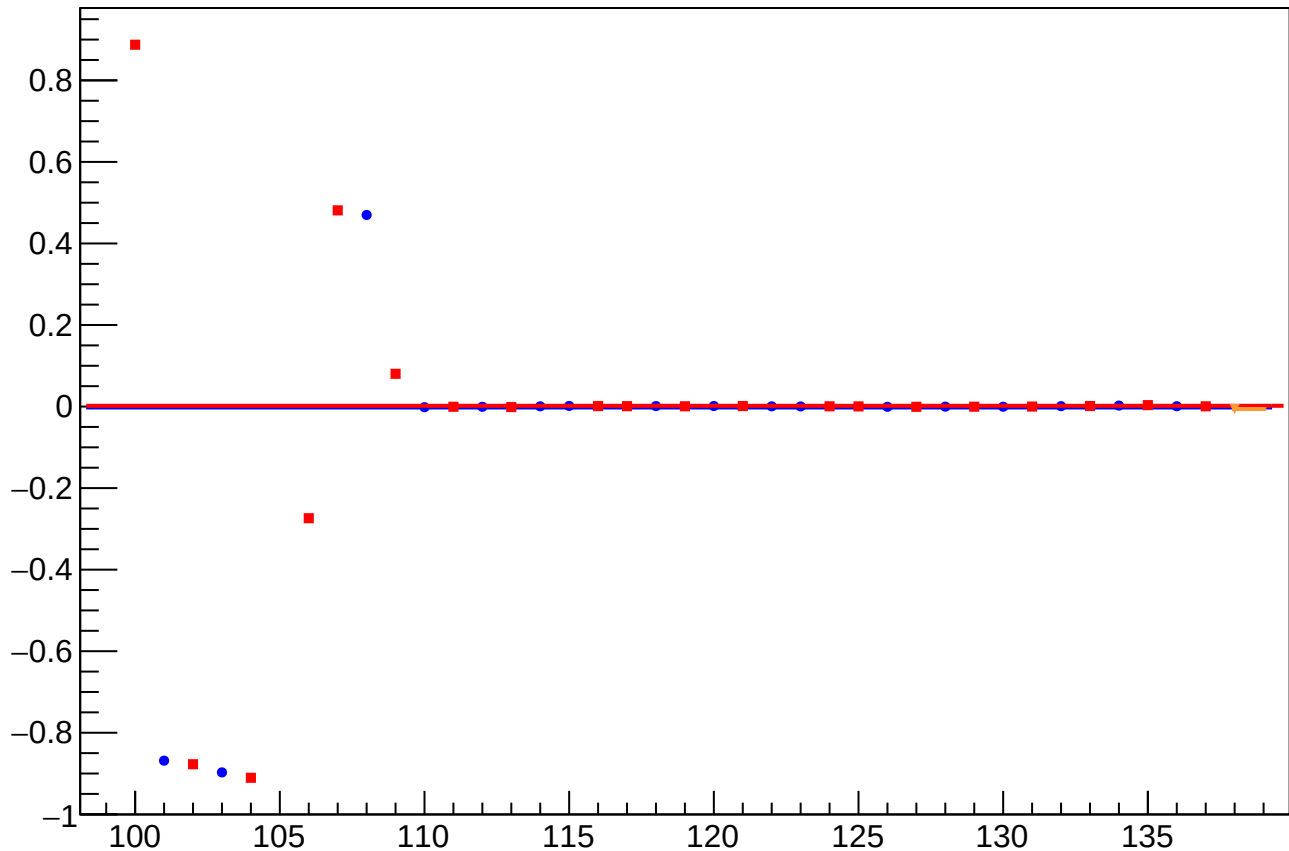
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11232252.5/17

0.000+/-0.000 χ^2/NDF : 21188524.6/37

0.000+/-0.000 χ^2/NDF : 9955781.5/19

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 9795424036.3/16

Left Out: -0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3041335141.0/19

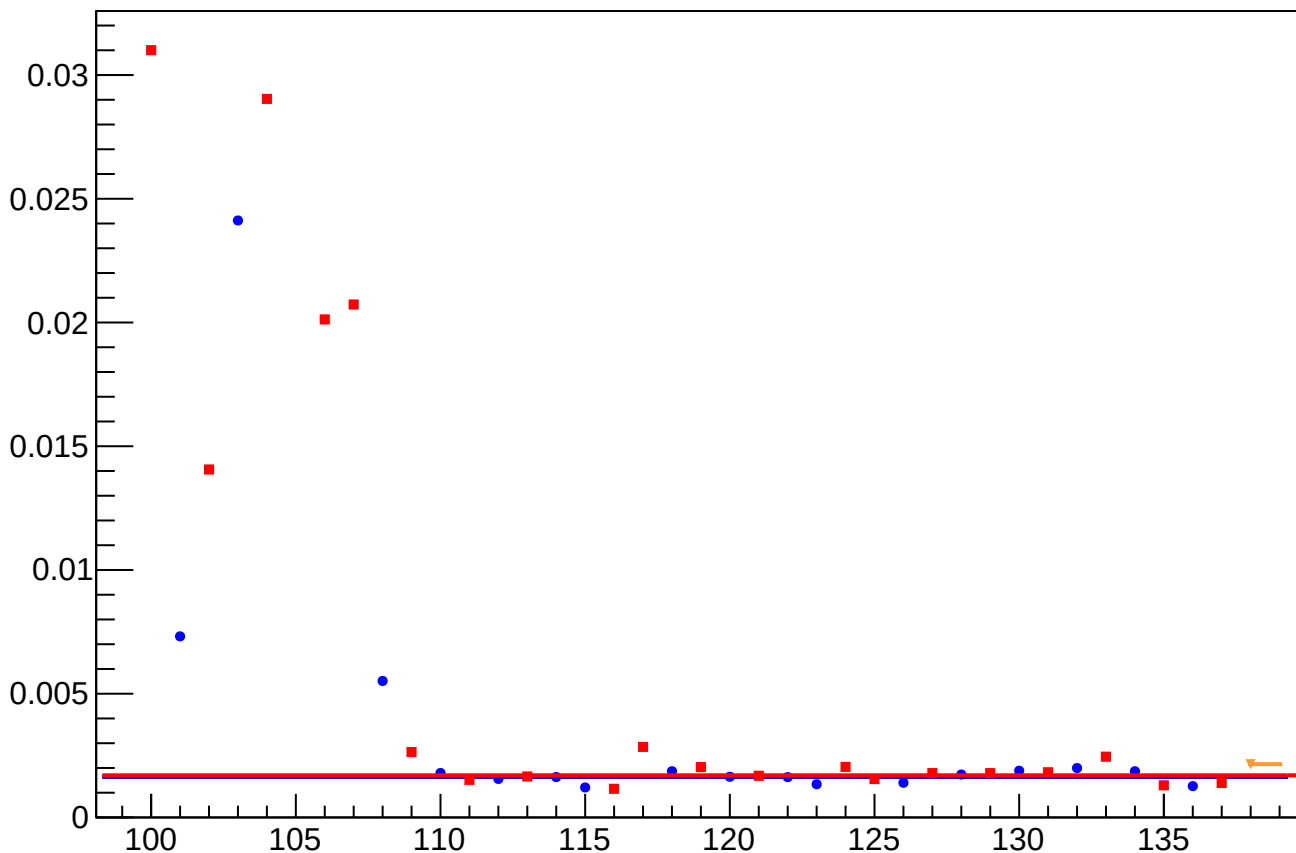
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.000 χ^2/NDF : 9797059146.5/17

-0.001+/-0.000 χ^2/NDF : 12854544973.4/17

0.002+/-0.000 χ^2/NDF : 3041335141.0/19

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1919127.9/16

Left Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

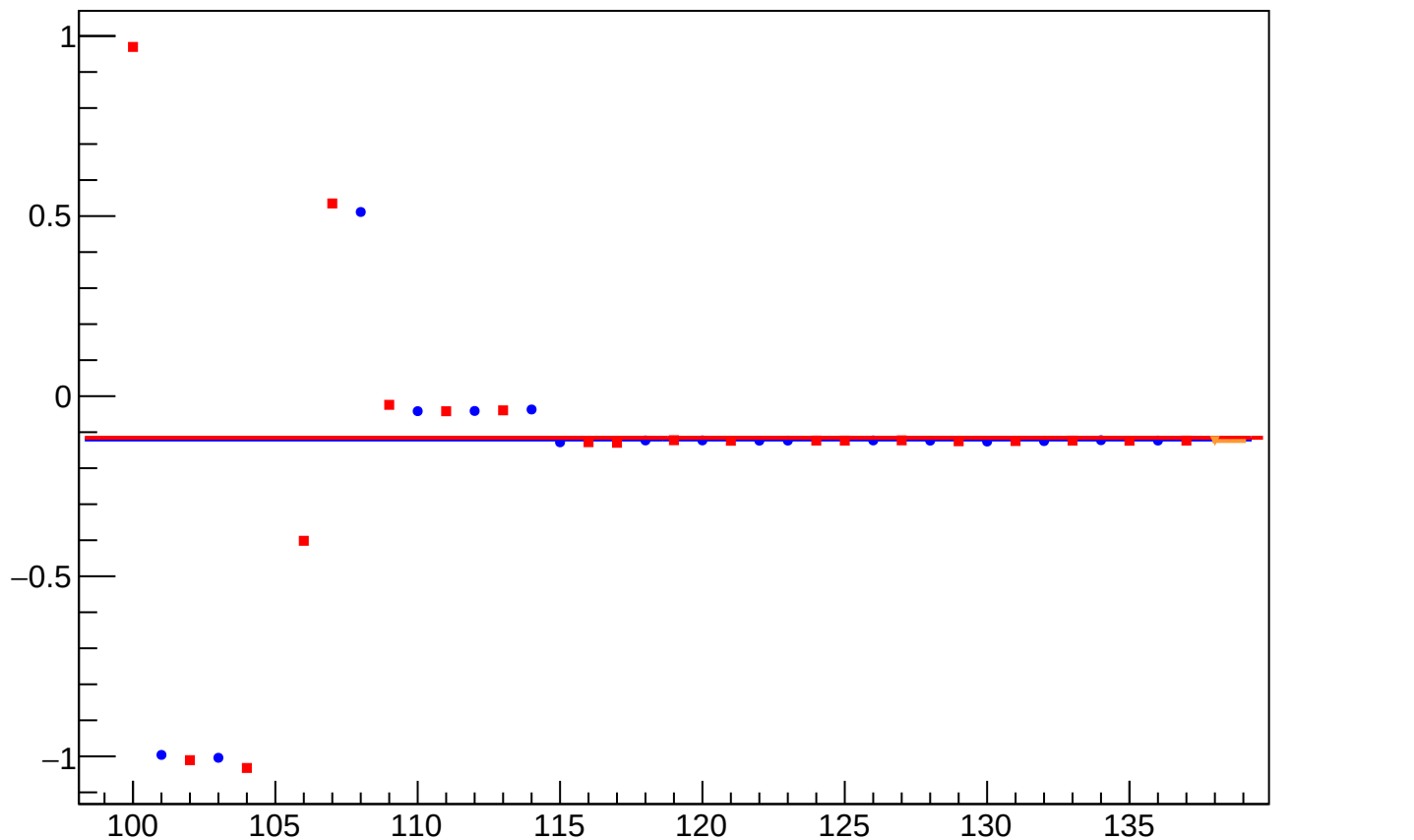
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1982623.9/17

0.002+/-0.000 χ^2/NDF : 5022615.7/37

0.002+/-0.000 χ^2/NDF : 3038397.4/19

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932311162.8/16

Left Out: -0.124+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 2458720596.9/19

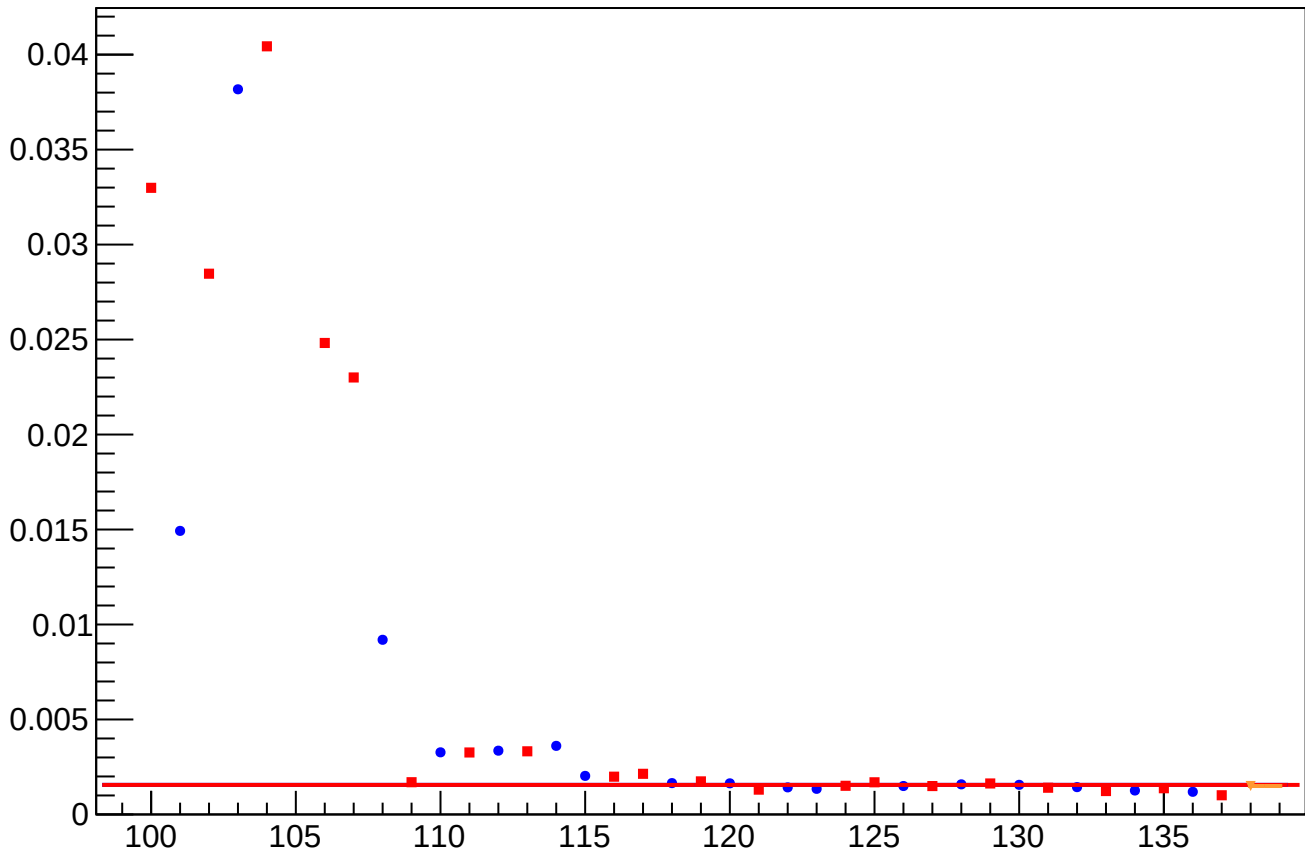
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.121+/-0.000 χ^2/NDF : 3936564139.4/17

-0.118+/-0.000 χ^2/NDF : 6425037373.2/3

-0.115+/-0.000 χ^2/NDF : 2458720596.9/19

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2903607.4/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

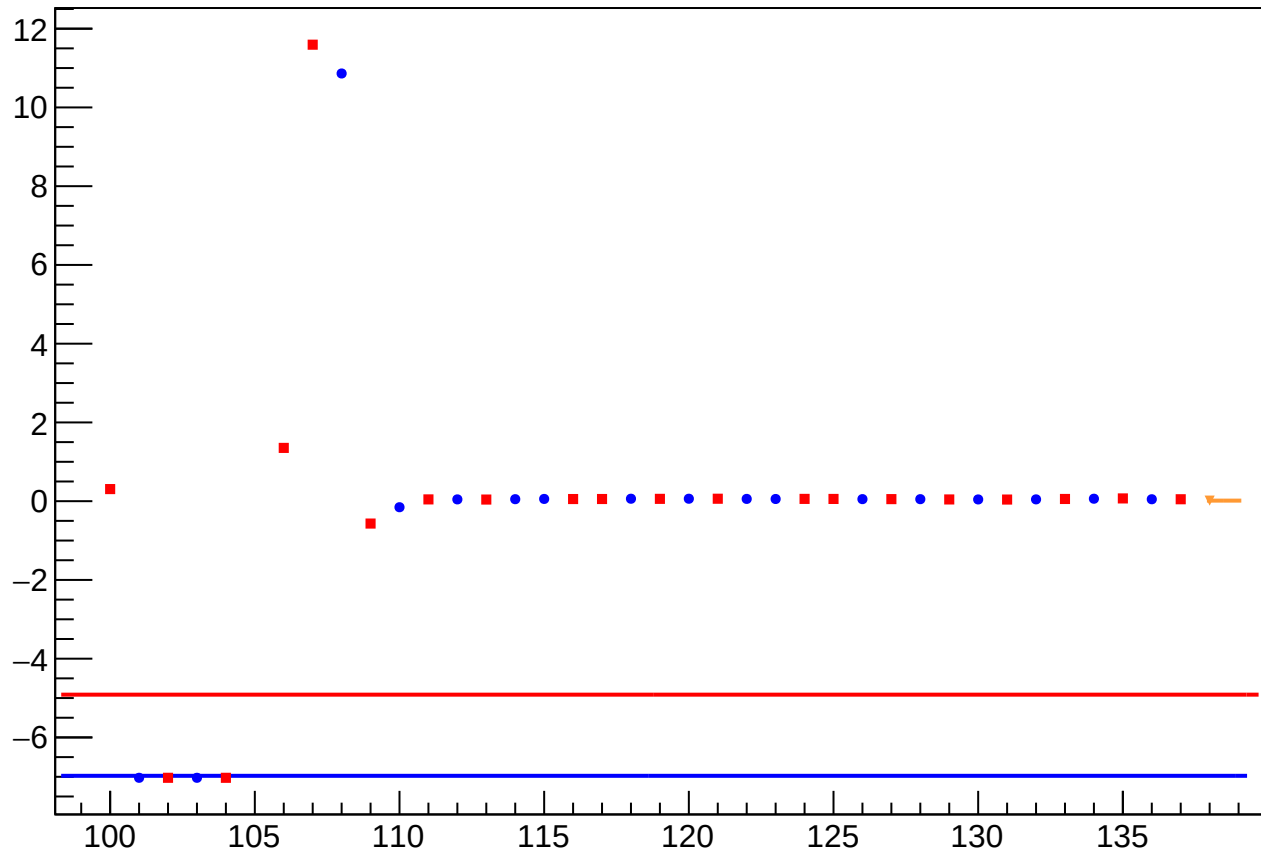
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 2905429.1/17

0.002 $\pm$ 0.000 χ^2 /NDF: 6449865.9/37

0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

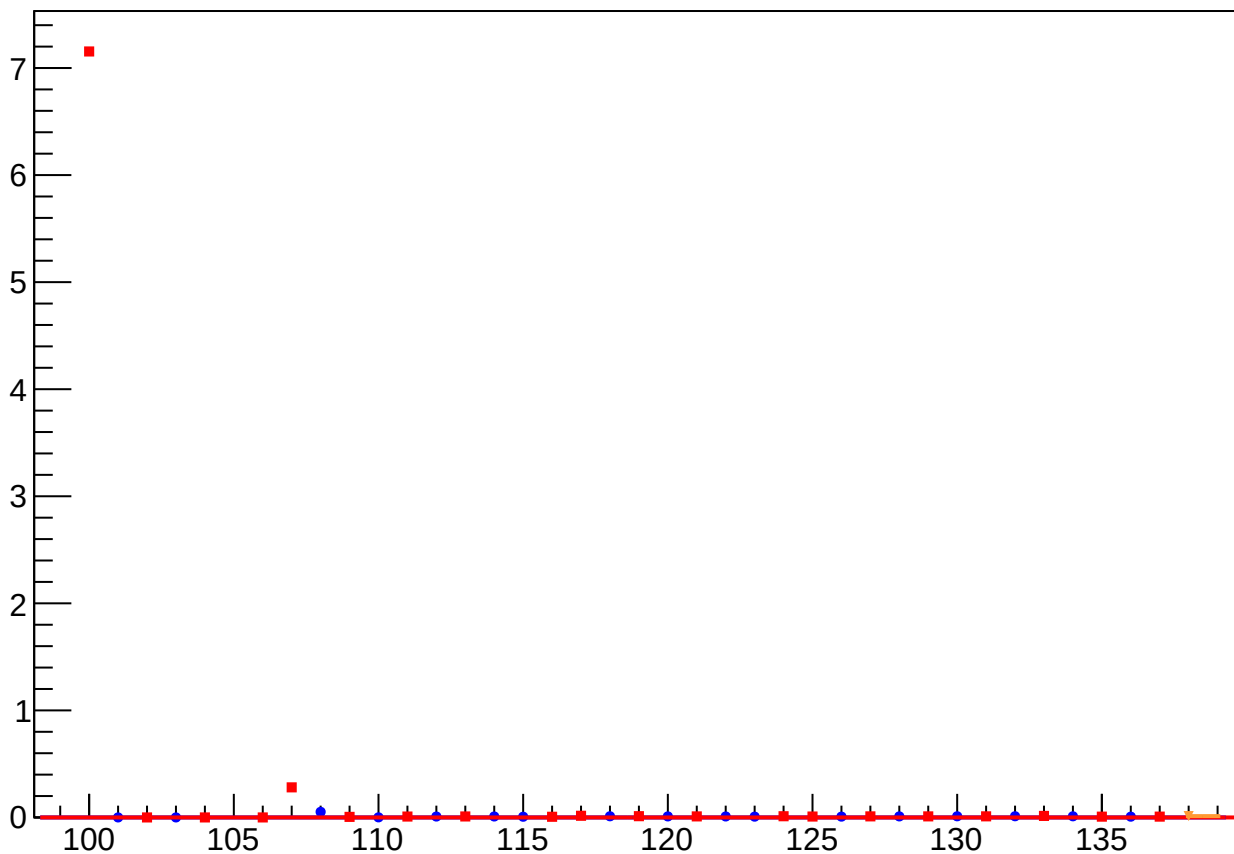
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.974+/-0.000 χ^2/NDF : 8972695267862.3/17

-5.899+/-0.000 χ^2/NDF : 4304783213853

-4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8362763.6/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8880914.4/19

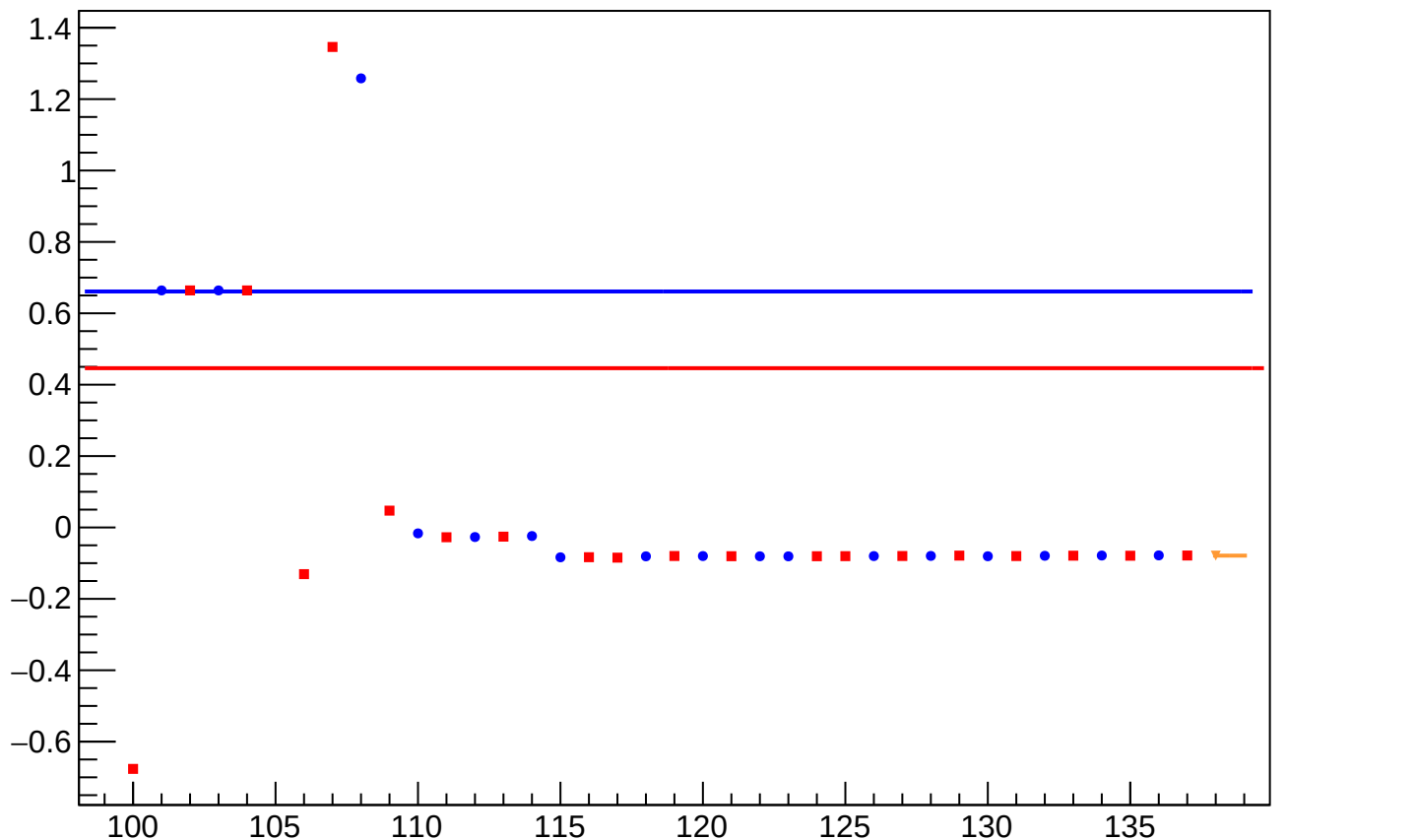
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 9534155.4/17

0.000 $\pm$ 0.000 χ^2 /NDF: 18415812.6/37

0.000 $\pm$ 0.000 χ^2 /NDF: 8880914.4/19

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

Left Out: -0.079+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

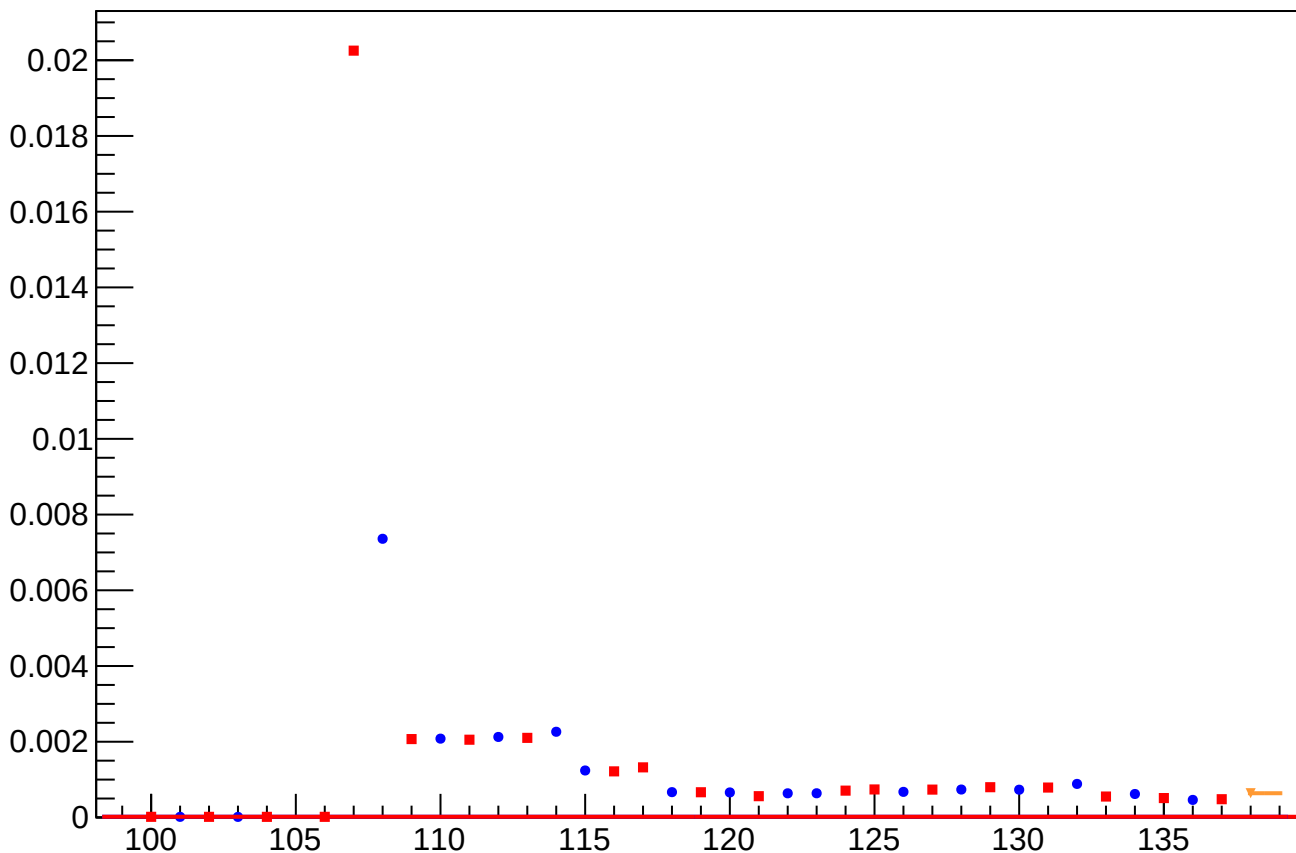
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.661+/-0.000 χ^2/NDF : 6615099928056.7/17

0.549+/-0.000 χ^2/NDF : 47469780705002

0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9997012.7/16

Left Out: 0.001+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9575039.3/19

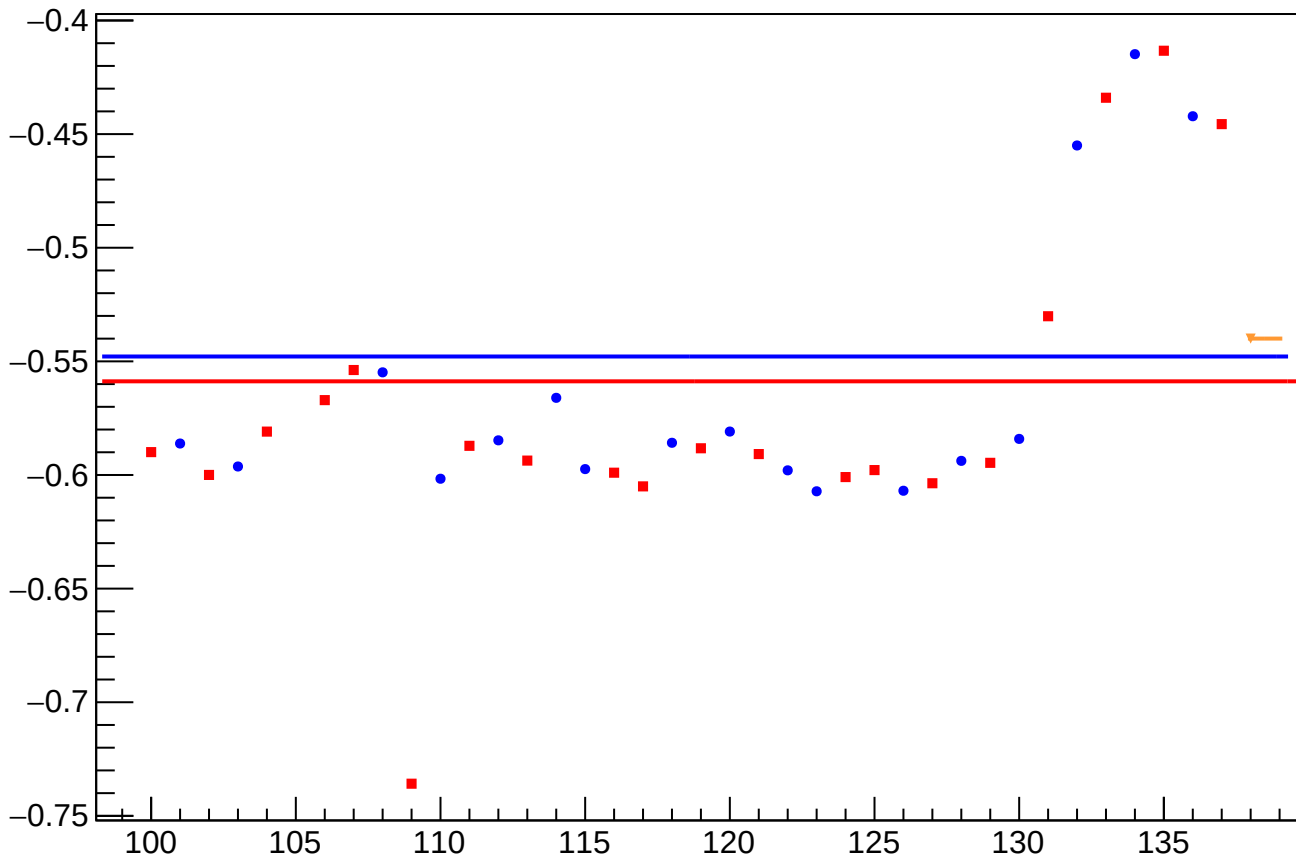
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11318728.3/17

0.000+/-0.000 χ^2/NDF : 20894390.6/37

0.000+/-0.000 χ^2/NDF : 9575039.3/19

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48579920.8/16

Left Out: -0.540+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

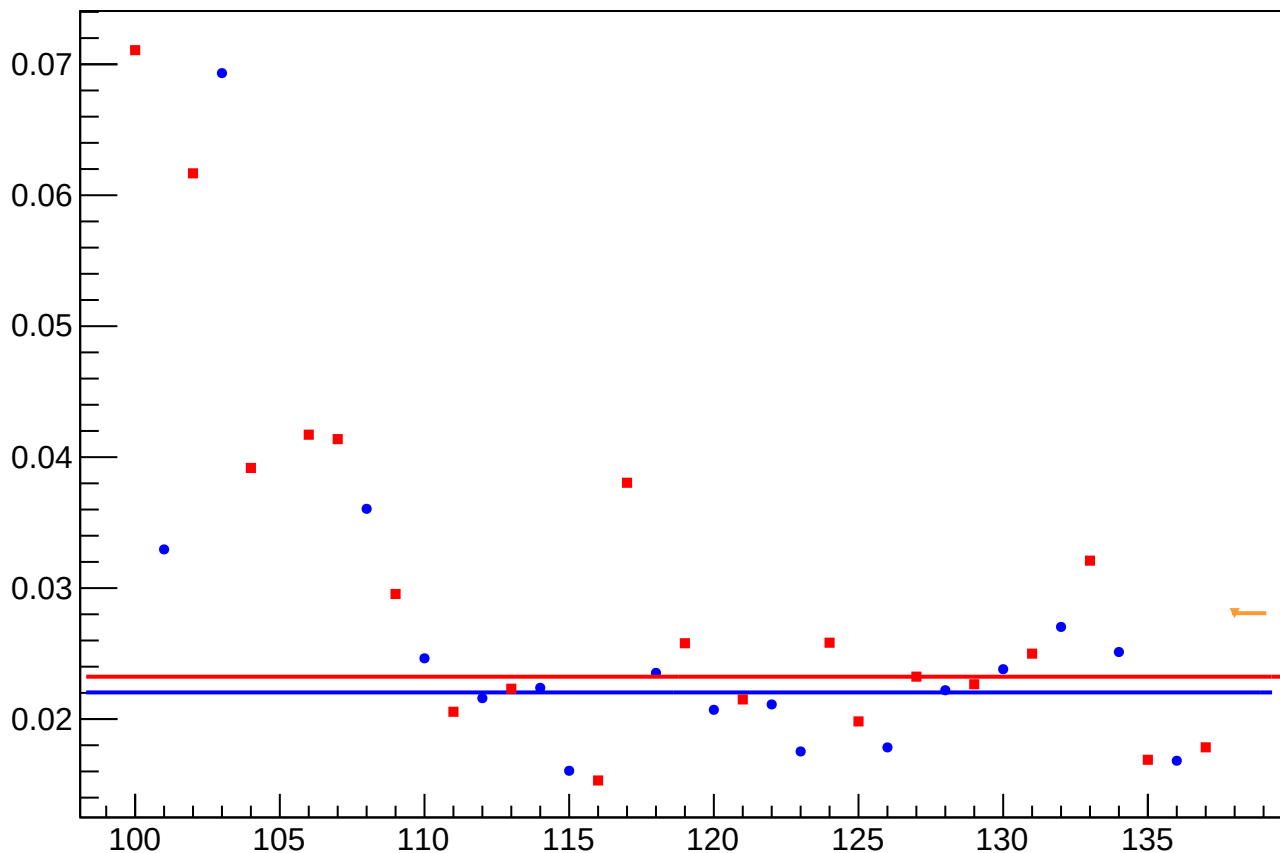
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.547+/-0.000 χ^2/NDF : 48623336.5/17

-0.553+/-0.000 χ^2/NDF : 115057539.2/37

-0.559+/-0.000 χ^2/NDF : 65741796.4/19

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 958966.6/16

Left Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1169205.3/19

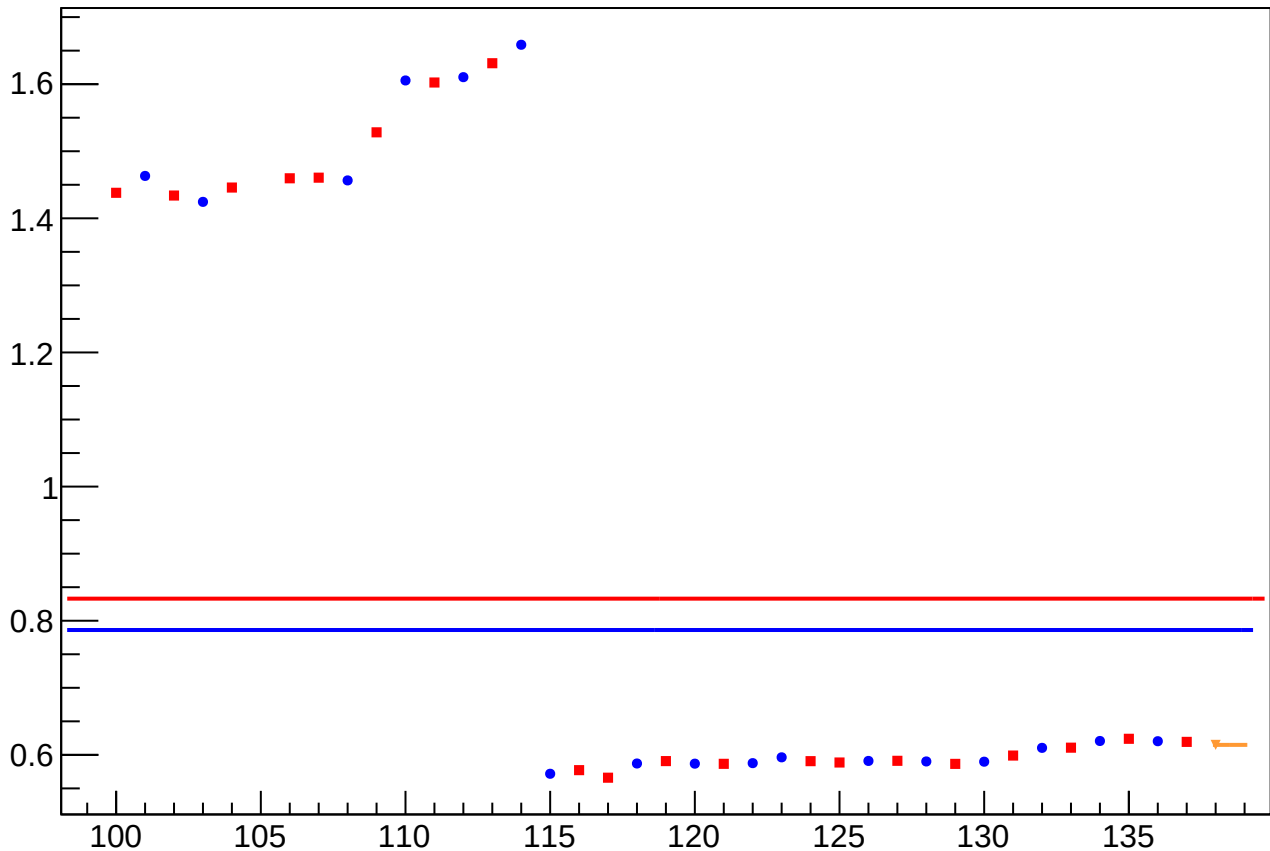
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 1010161.2/17

0.023+/-0.000 χ^2/NDF : 2186115.2/37

0.023+/-0.000 χ^2/NDF : 1169205.3/19

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.786+/-0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.615+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.833+/-0.000 χ^2/NDF : 4160348649.7/19

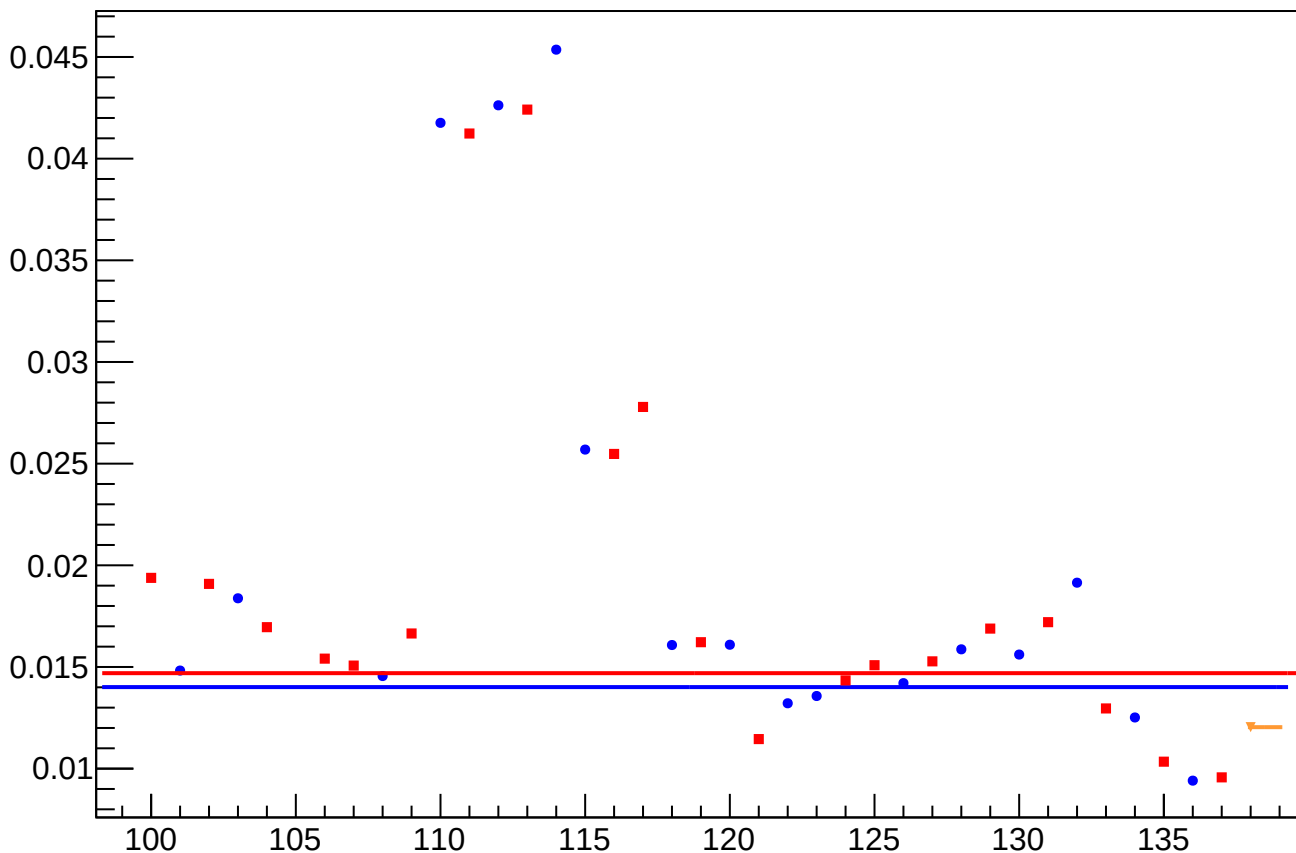
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.762+/-0.000 χ^2/NDF : 3711476789.1/17

0.794+/-0.000 χ^2/NDF : 7949504524.7/37

0.833+/-0.000 χ^2/NDF : 4160348649.7/19

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1280473.4/19

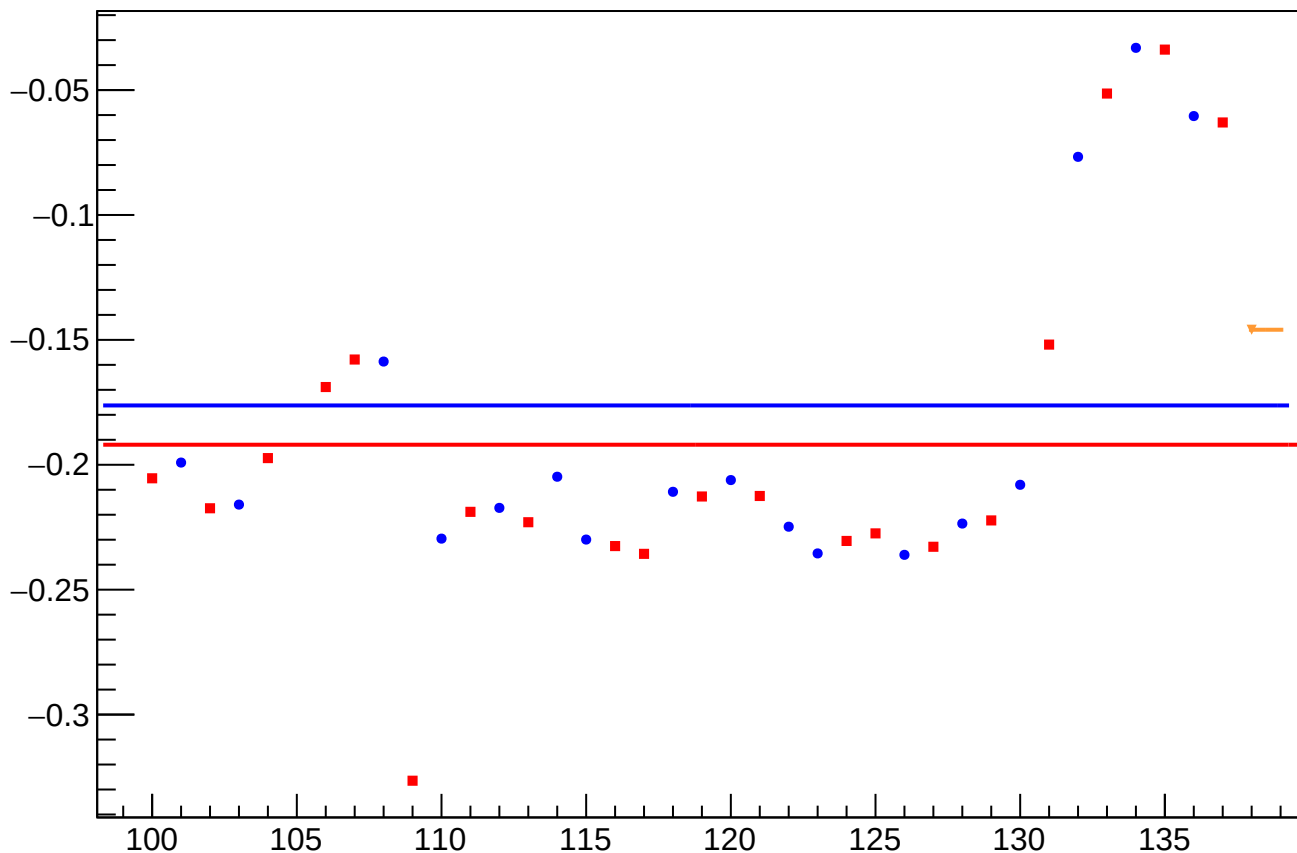
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1437011.6/17

0.014+/-0.000 χ^2/NDF : 2746087.7/37

0.015+/-0.000 χ^2/NDF : 1280473.4/19

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70137178.3/16

Left Out: -0.146+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

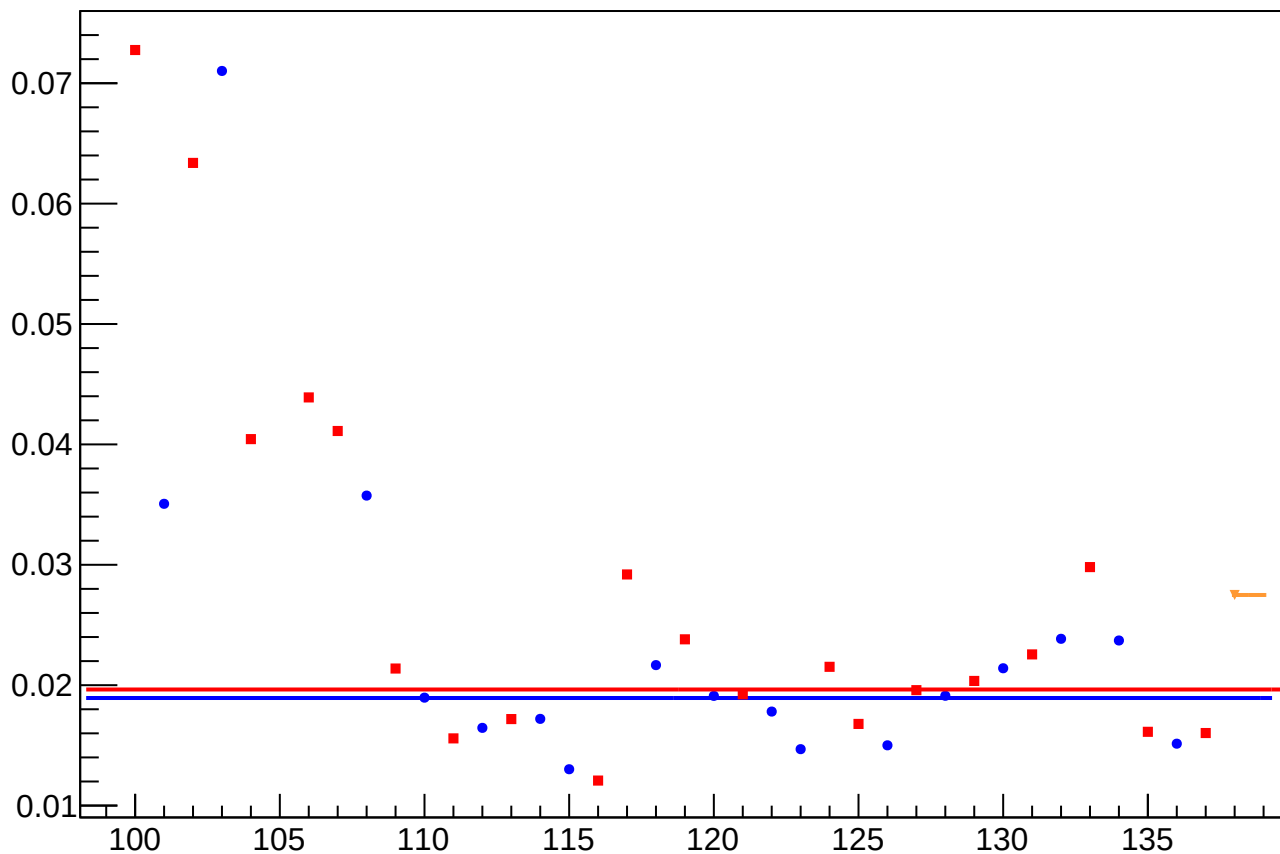
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.175+/-0.000 χ^2/NDF : 70844818.8/17

-0.183+/-0.000 χ^2/NDF : 156883944.8/37

-0.192+/-0.000 χ^2/NDF : 83899255.4/19

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1205858.0/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

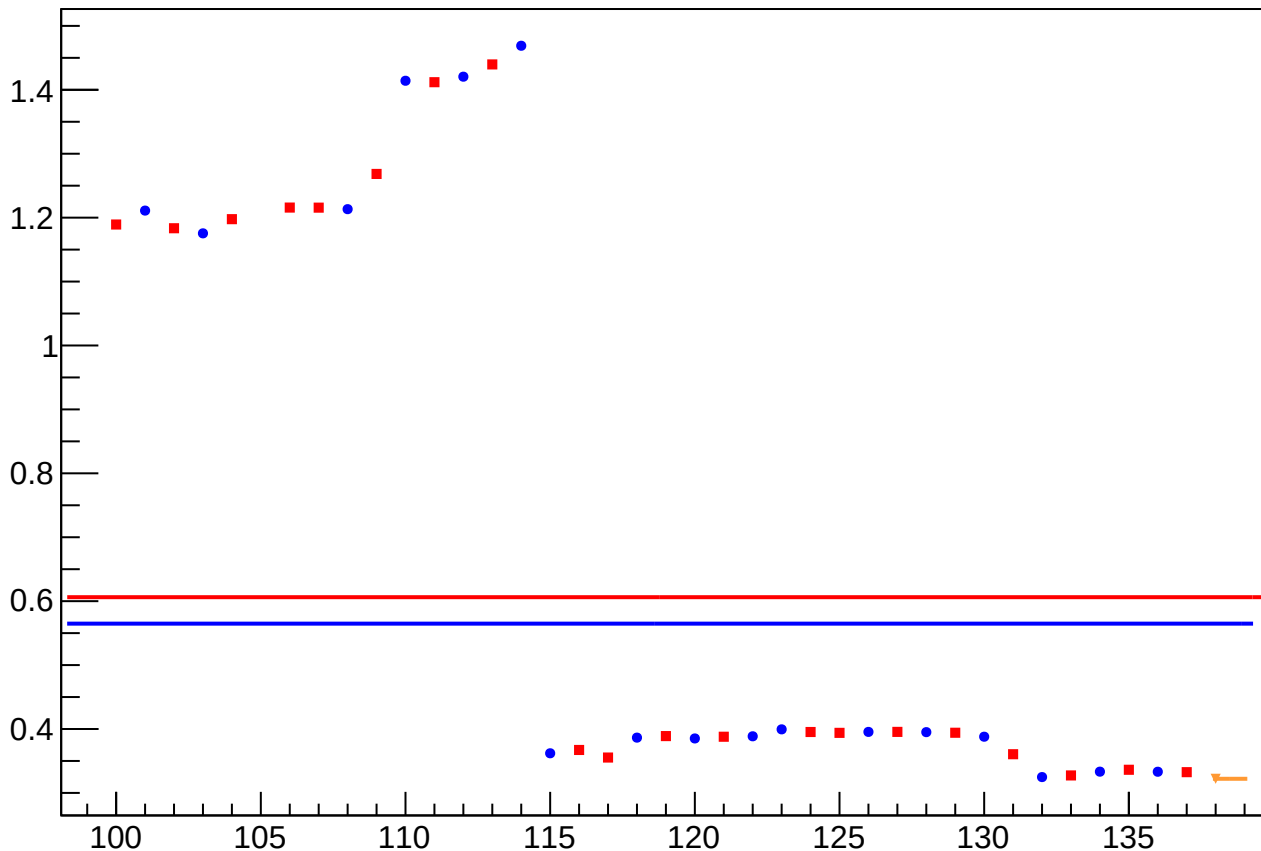
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1318683.3/17

0.020+/-0.000 χ^2/NDF : 2785753.1/37

0.020+/-0.000 χ^2/NDF : 1466285.9/19

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.565 $\pm$ 0.000 χ^2 /NDF: 5030969499.3/16

Left Out: 0.322 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.606 $\pm$ 0.000 χ^2 /NDF: 5517630064.2/19

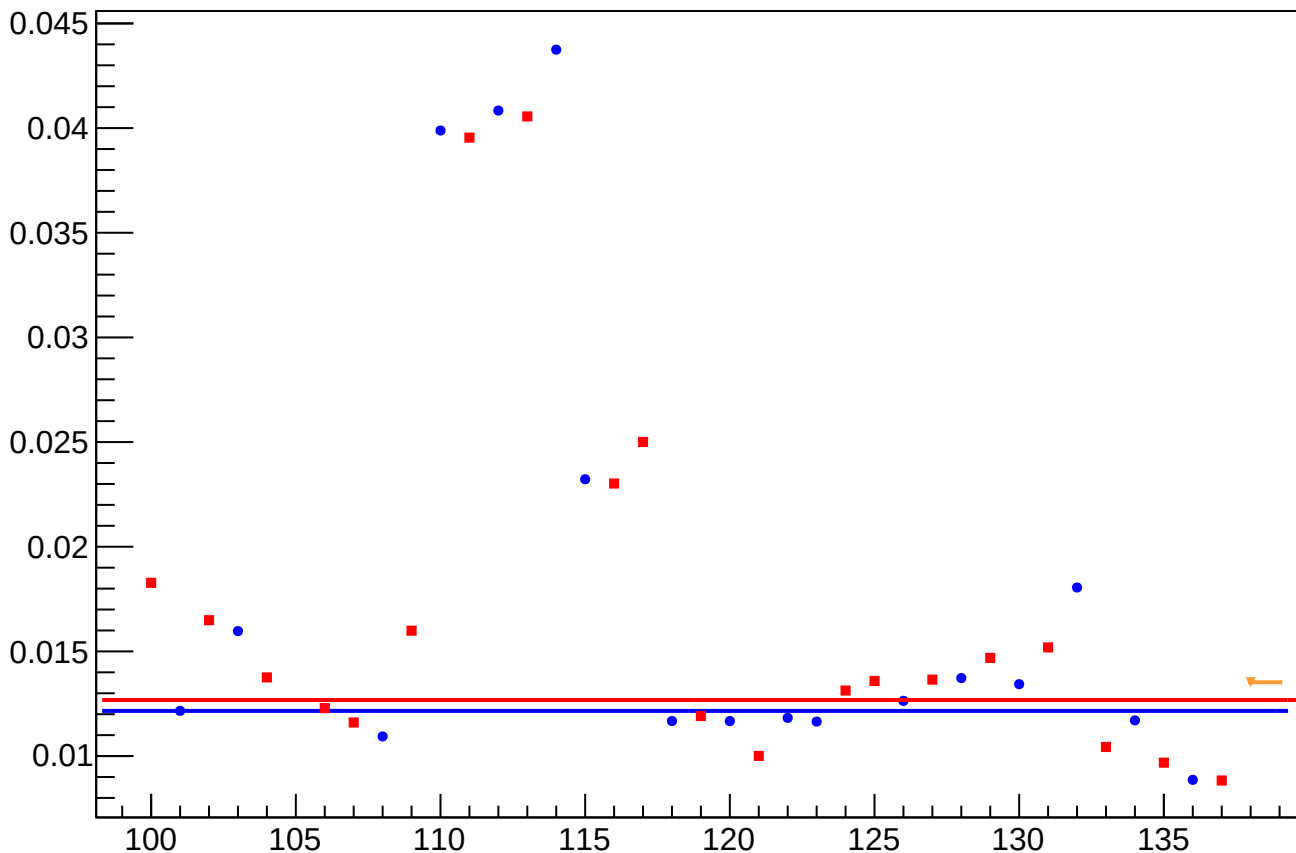
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.543 $\pm$ 0.000 χ^2 /NDF: 5237342380.2/17

0.572 $\pm$ 0.000 χ^2 /NDF: 10834428087.2/3

0.606 $\pm$ 0.000 χ^2 /NDF: 5517630064.2/19

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1309888.8/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1289415.7/19

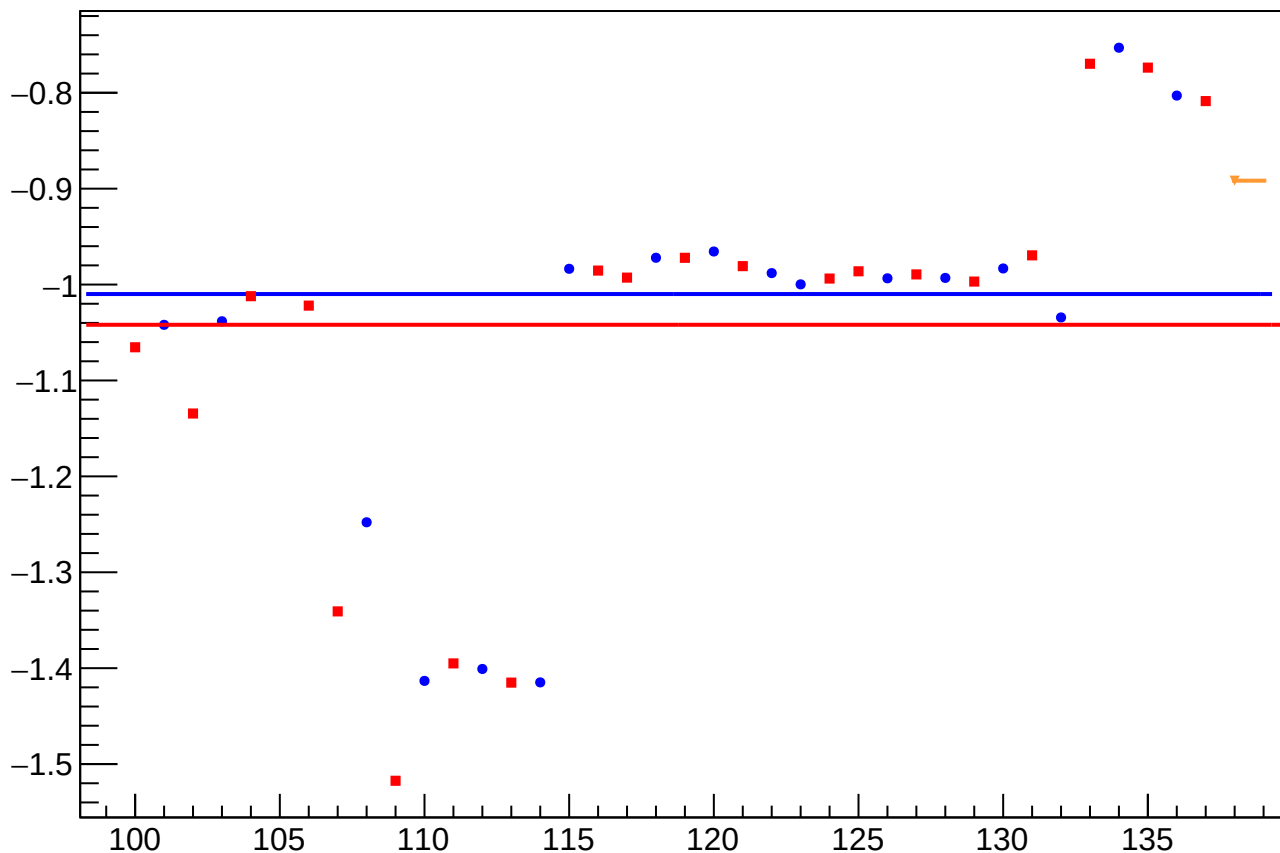
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1323032.6/17

0.012+/-0.000 χ^2/NDF : 2618621.4/37

0.013+/-0.000 χ^2/NDF : 1289415.7/19

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.010+/-0.000 χ^2 /NDF: 387650332.0/16

Left Out: -0.892+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1.042+/-0.000 χ^2 /NDF: 530175104.2/19

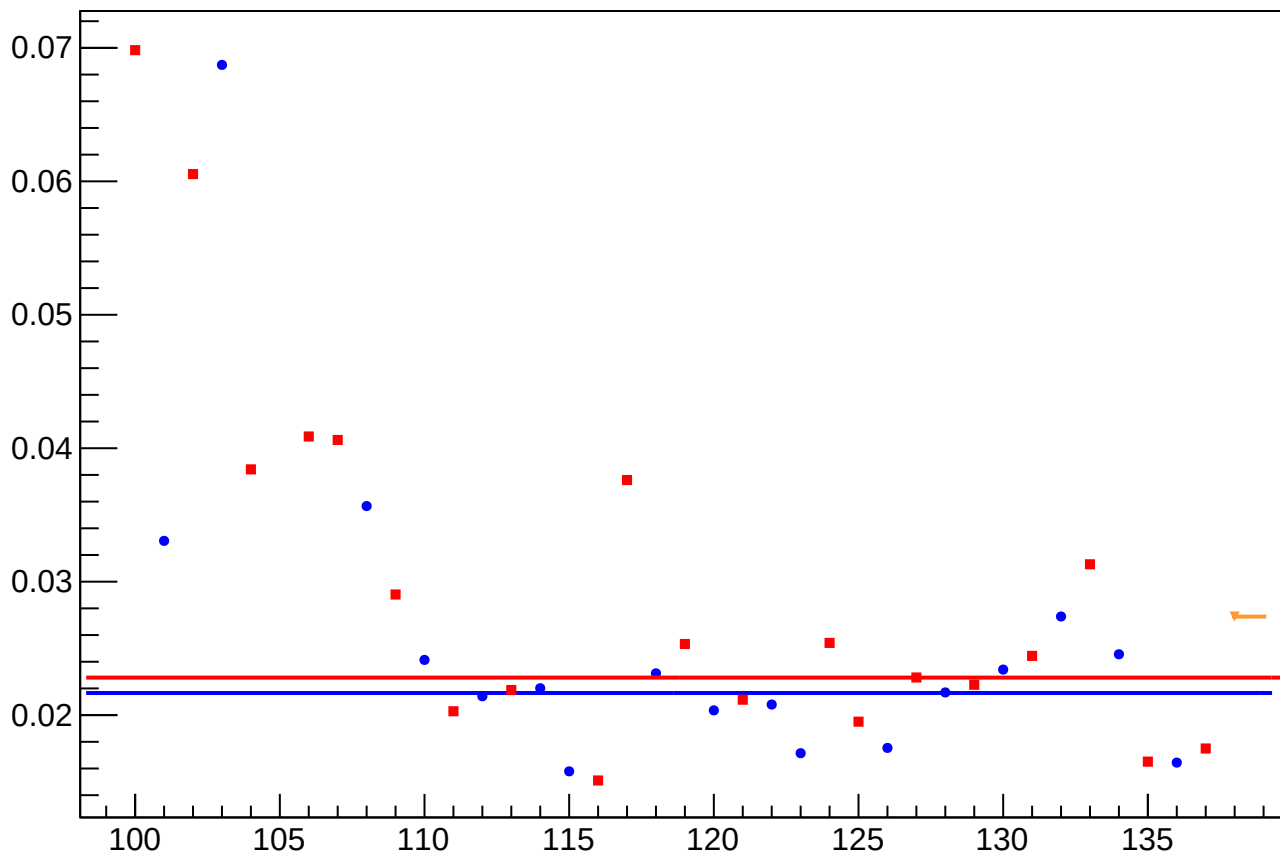
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.002+/-0.000 χ^2 /NDF: 397903534.1/17

-1.021+/-0.000 χ^2 /NDF: 936839064.5/37

-1.042+/-0.000 χ^2 /NDF: 530175104.2/19

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 983499.8/16

Left Out: 0.027+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1165116.5/19

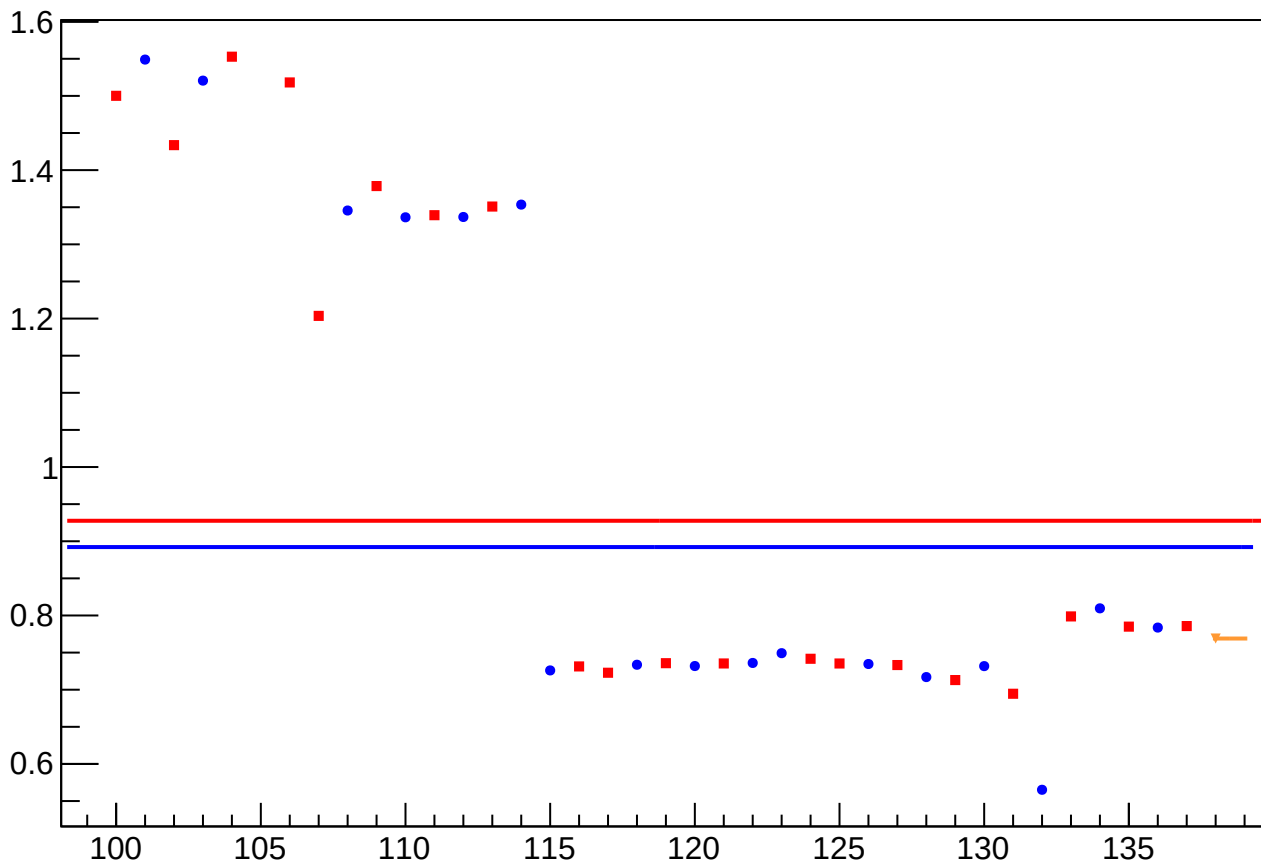
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 1031646.2/17

0.022+/-0.000 χ^2/NDF : 2203181.3/37

0.023+/-0.000 χ^2/NDF : 1165116.5/19

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.892+/-0.000 χ^2/NDF : 2413732173.6/16

Left Out: 0.769+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.928+/-0.000 χ^2/NDF : 2439574936.7/19

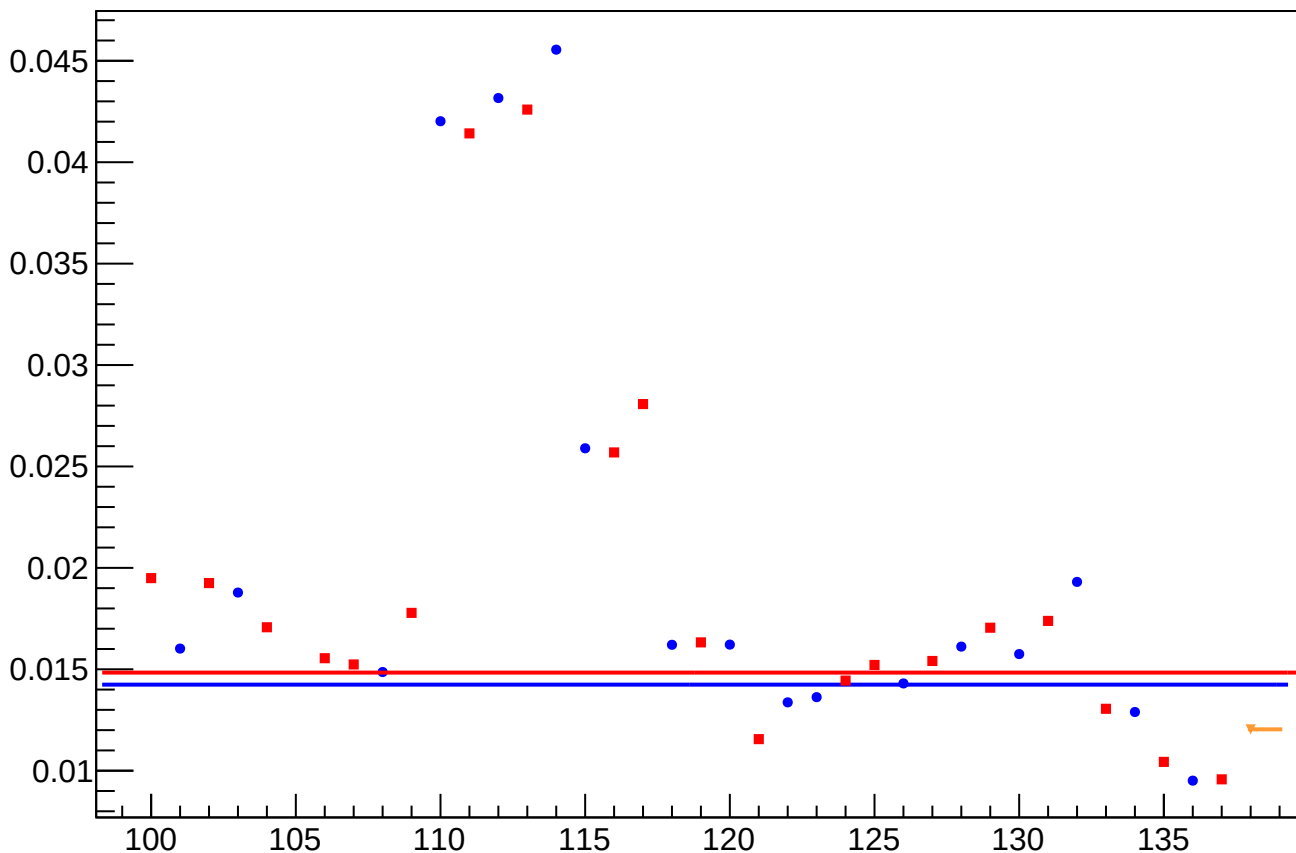
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.874+/-0.000 χ^2/NDF : 2476204235.1/17

0.898+/-0.000 χ^2/NDF : 4958595268.8/37

0.928+/-0.000 χ^2/NDF : 2439574936.7/19

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1415681.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1291174.0/19

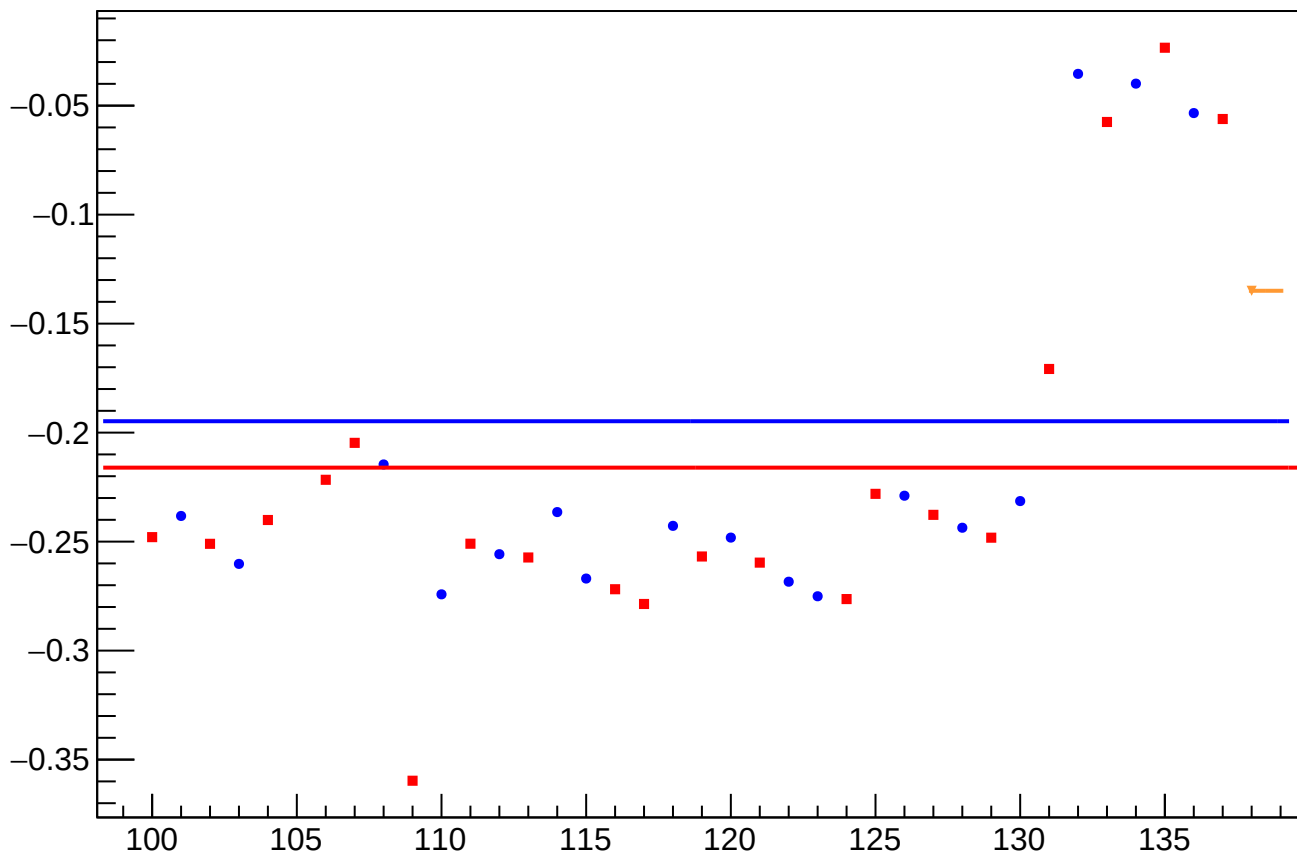
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 1455646.5/17

0.014+/-0.000 χ^2/NDF : 2772028.6/37

0.015+/-0.000 χ^2/NDF : 1291174.0/19

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.195+/-0.000 χ^2/NDF : 108656195.5/16

Left Out: -0.135+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

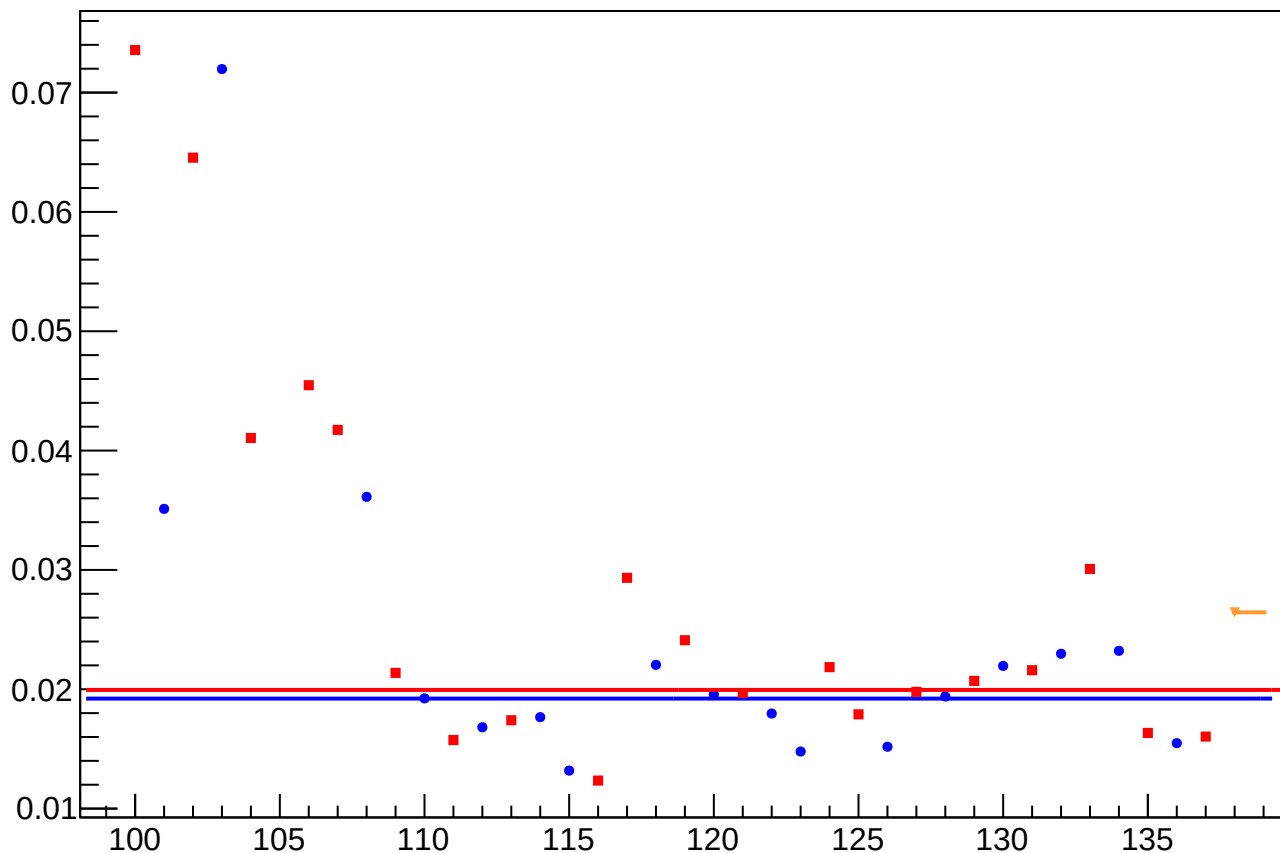
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.191+/-0.000 χ^2/NDF : 111559655.5/17

-0.203+/-0.000 χ^2/NDF : 227978781.8/37

-0.216+/-0.000 χ^2/NDF : 112167032.2/19

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1177085.4/16

Left Out: 0.026+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1455211.7/19

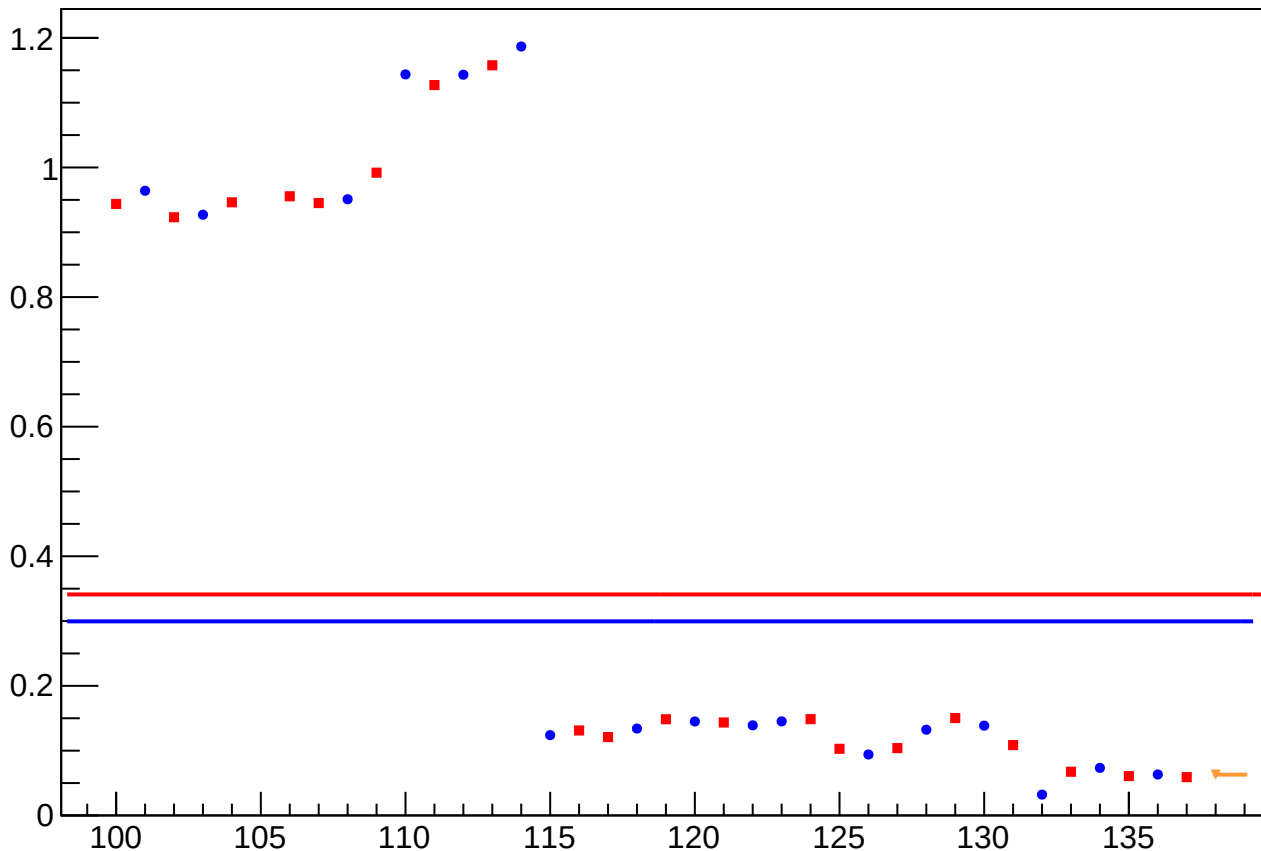
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.000 χ^2/NDF : 1261793.1/17

0.020+/-0.000 χ^2/NDF : 2718201.5/37

0.020+/-0.000 χ^2/NDF : 1455211.7/19

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.300 $\pm$ 0.000 χ^2 /NDF: 5165052137.6/16

Left Out: 0.063 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.341 $\pm$ 0.000 χ^2 /NDF: 5453748737.7/19

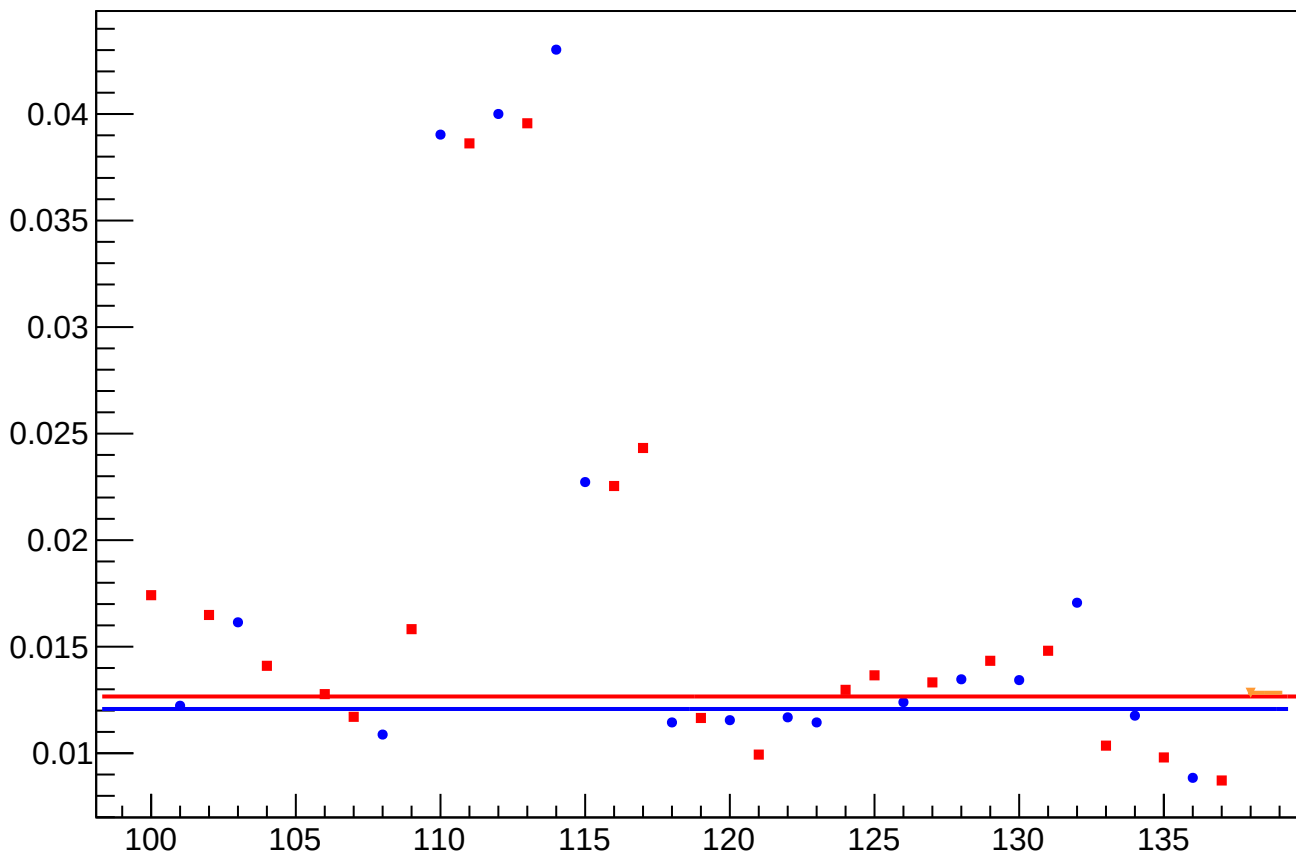
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.276 $\pm$ 0.000 χ^2 /NDF: 5380790167.9/17

0.306 $\pm$ 0.000 χ^2 /NDF: 10918608187.8/3

0.341 $\pm$ 0.000 χ^2 /NDF: 5453748737.7/19

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1282097.7/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

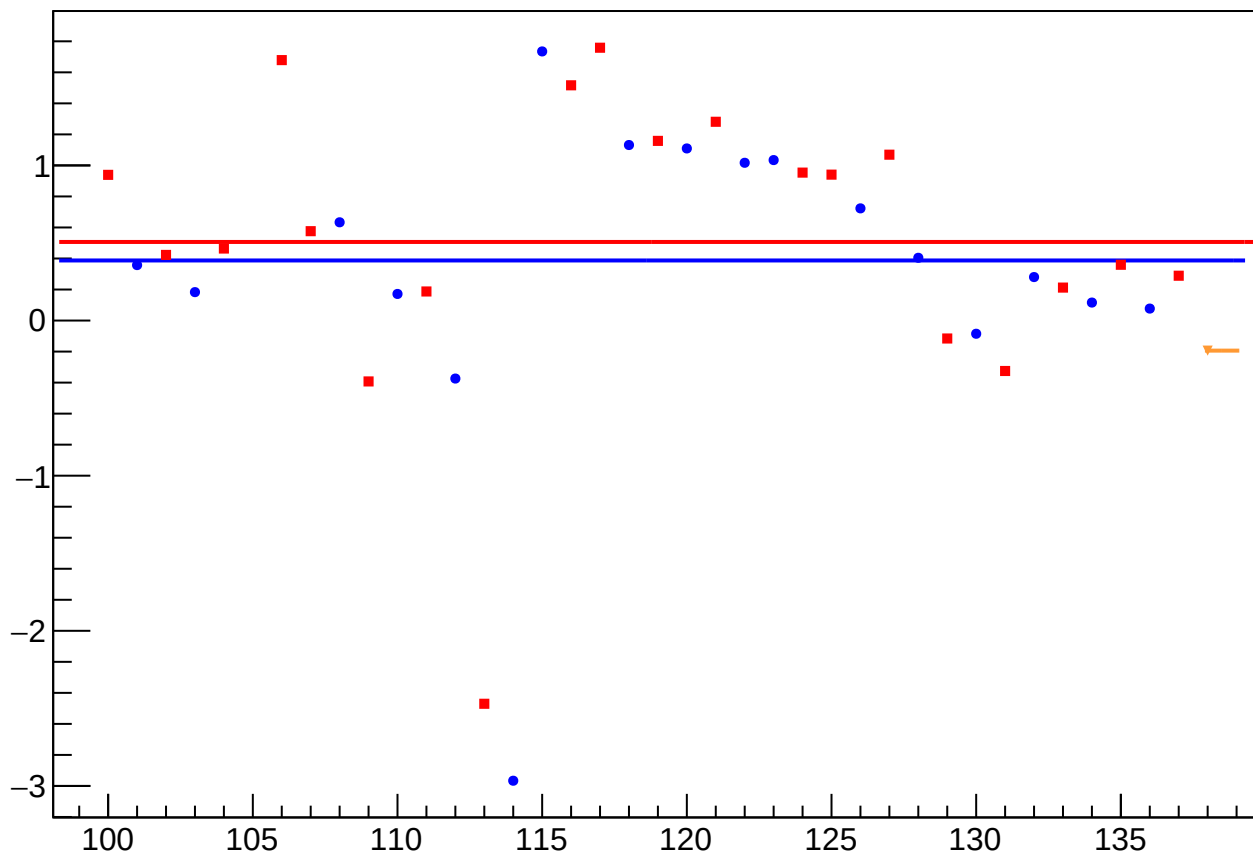
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1286578.9/17

0.012 $\pm$ 0.000 χ^2 /NDF: 2552364.3/37

0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387 $\pm$ 0.000 χ^2 /NDF: 247912593.5/16

Left Out: -0.194 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995347030.4/19

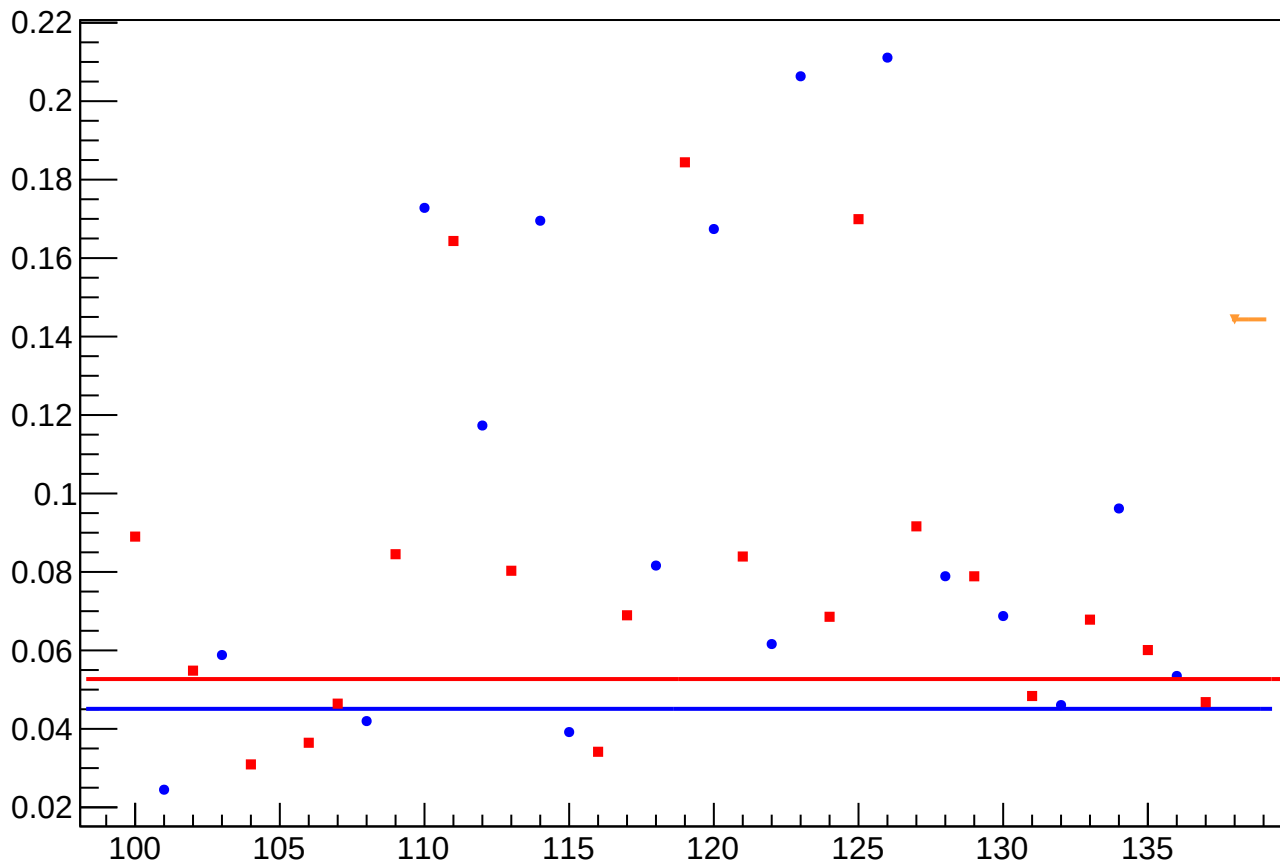
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.377 $\pm$ 0.000 χ^2 /NDF: 258154438.2/17

0.436 $\pm$ 0.000 χ^2 /NDF: 1267130772.6/37

0.507 $\pm$ 0.000 χ^2 /NDF: 995347030.4/19

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2846218.9/16

Left Out: 0.144+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

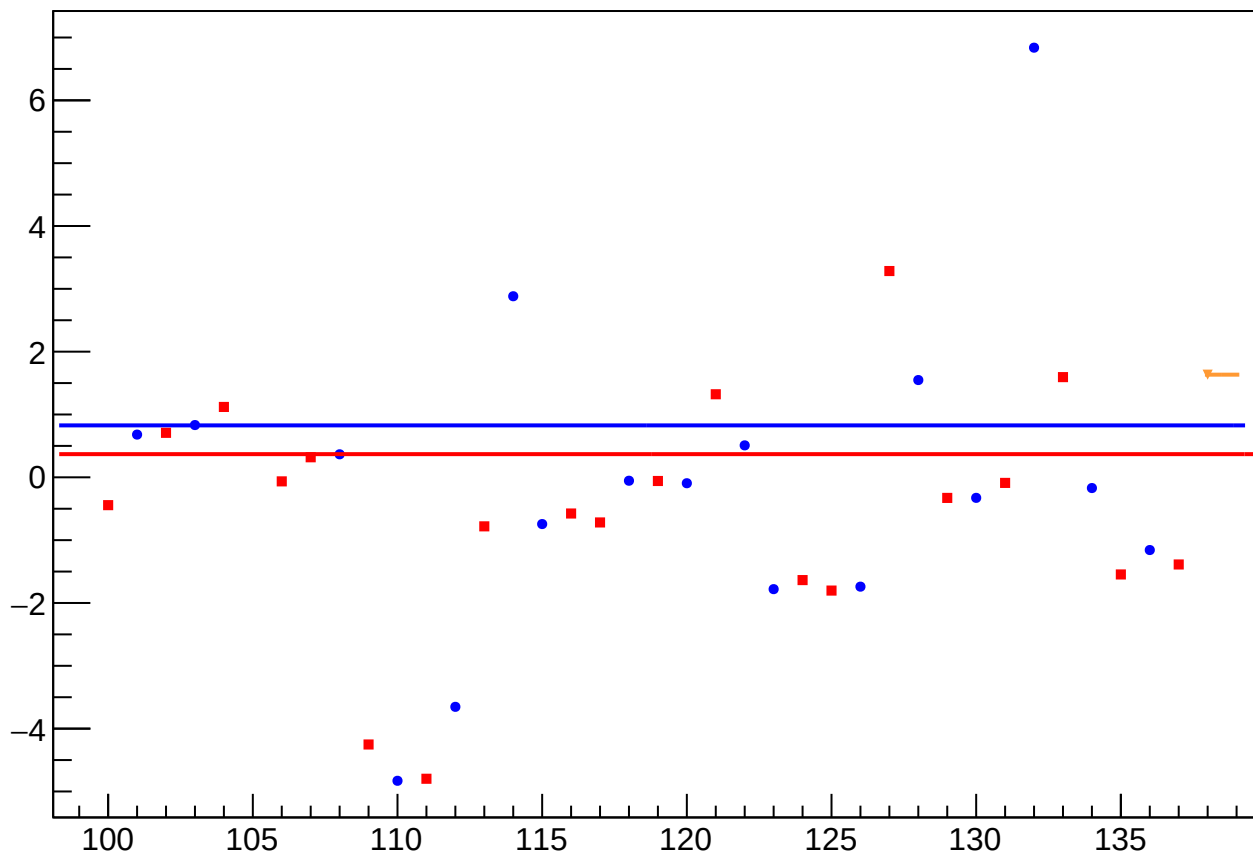
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.047+/-0.000 χ^2/NDF : 3443869.0/17

0.050+/-0.000 χ^2/NDF : 5694558.6/37

0.053+/-0.000 χ^2/NDF : 2194555.4/19

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.827 $\pm$ 0.000 χ^2 /NDF: 10936458870.4/16

Left Out: 1.634 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.369 $\pm$ 0.000 χ^2 /NDF: 4985860510.0/19

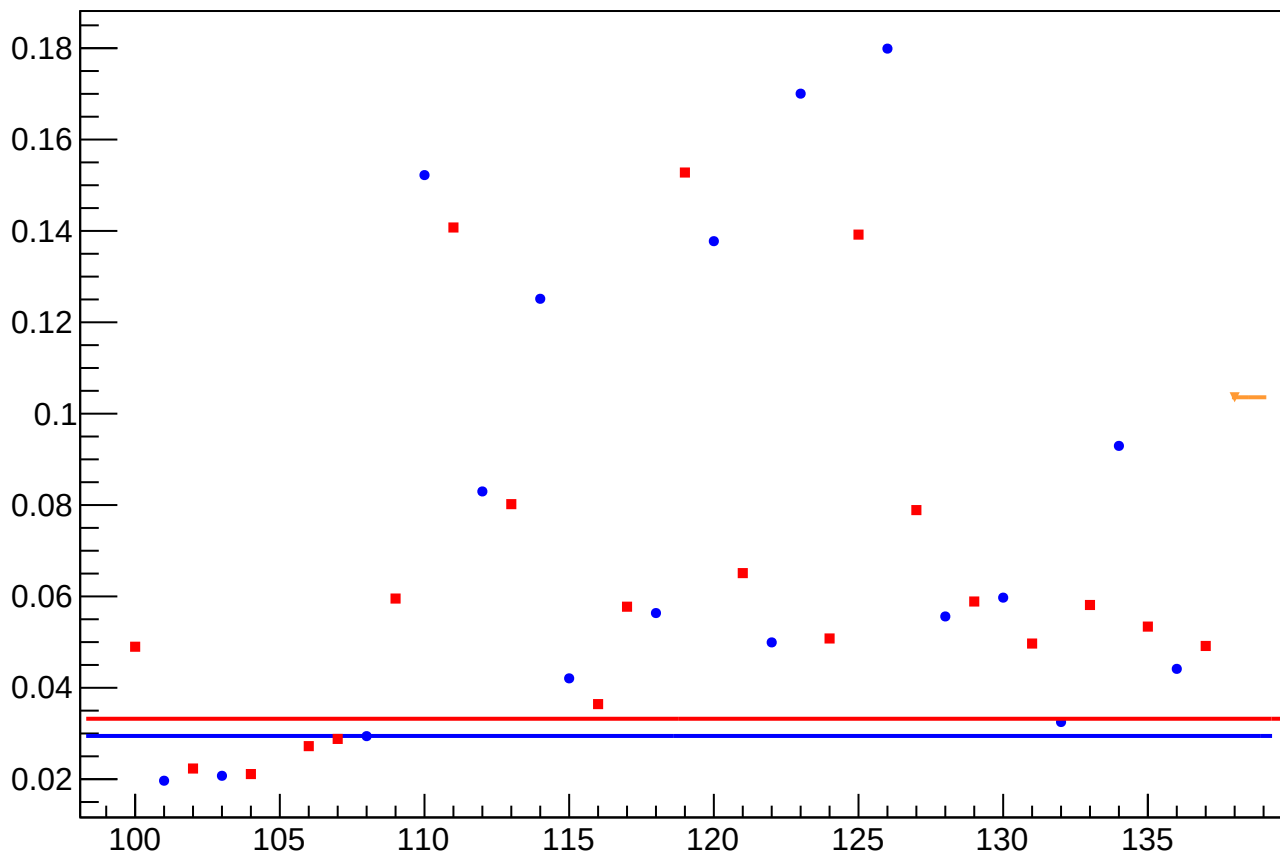
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.838 $\pm$ 0.000 χ^2 /NDF: 10973167759.1/17

0.619 $\pm$ 0.000 χ^2 /NDF: 16370202097.5/3

0.369 $\pm$ 0.000 χ^2 /NDF: 4985860510.0/19

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.104+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3110014.7/19

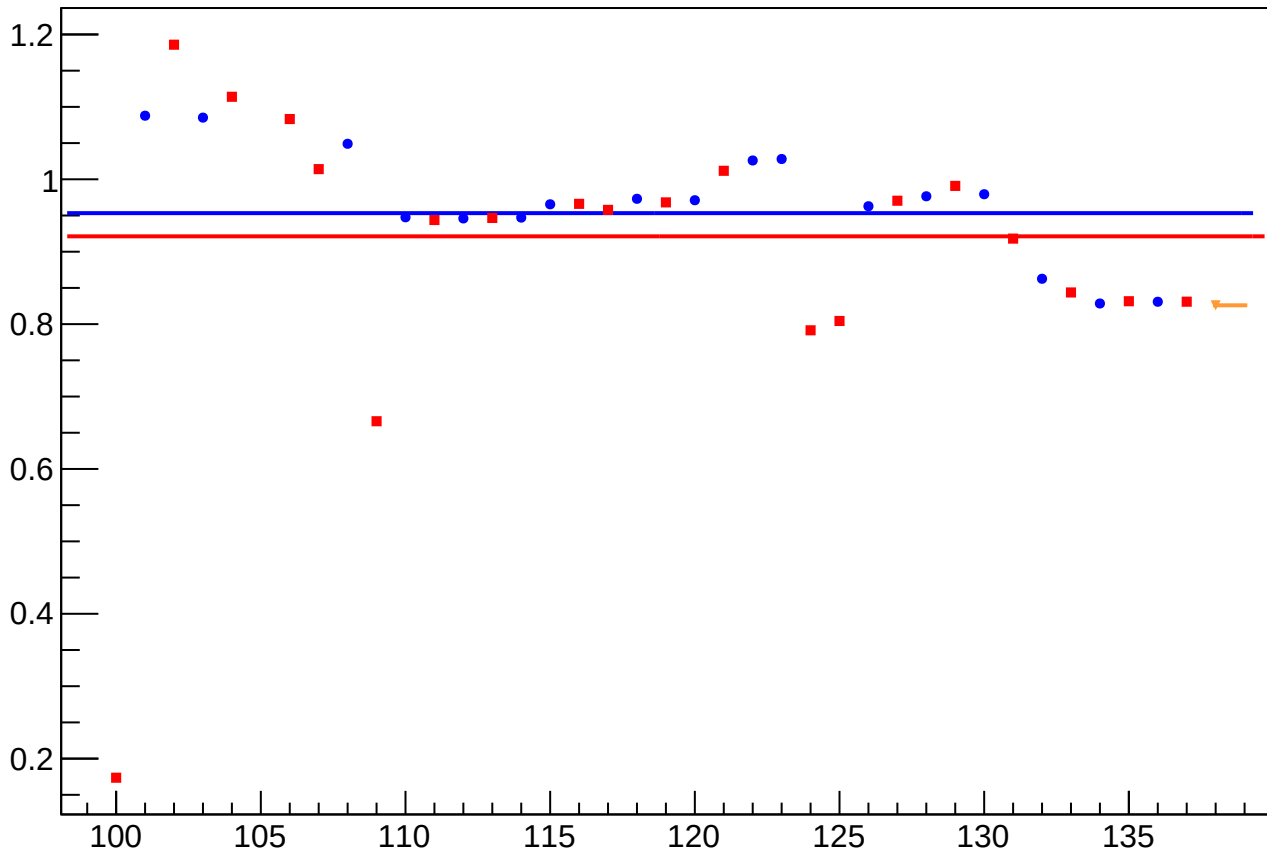
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.031+/-0.000 χ^2/NDF : 3672481.3/17

0.032+/-0.000 χ^2/NDF : 6809792.3/37

0.033+/-0.000 χ^2/NDF : 3110014.7/19

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175396553.4/16

Left Out: 0.826 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374376205.4/19

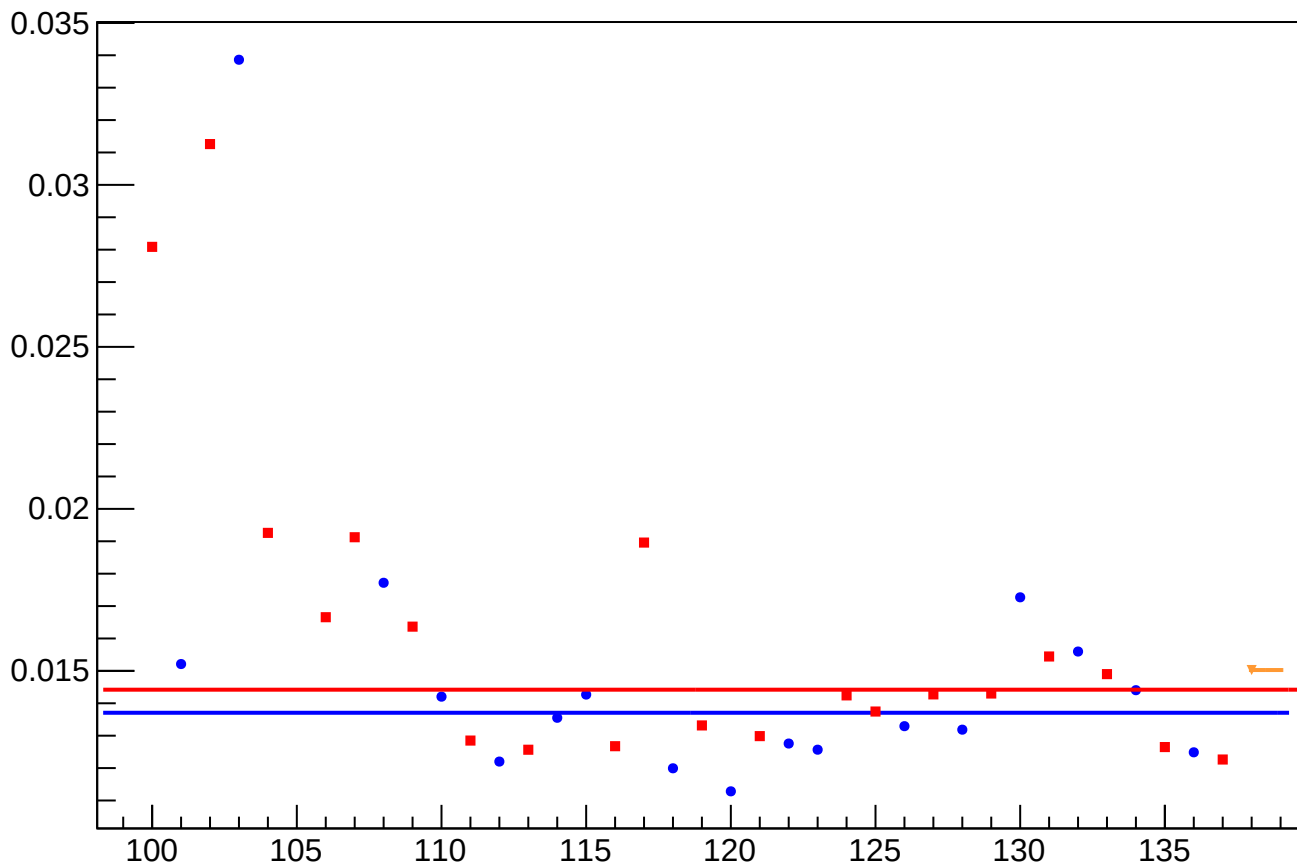
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.943 $\pm$ 0.000 χ^2 /NDF: 214277825.7/17

0.933 $\pm$ 0.000 χ^2 /NDF: 596356731.1/37

0.921 $\pm$ 0.000 χ^2 /NDF: 374376205.4/19

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 546317.6/16

Left Out: 0.015+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 506553.4/19

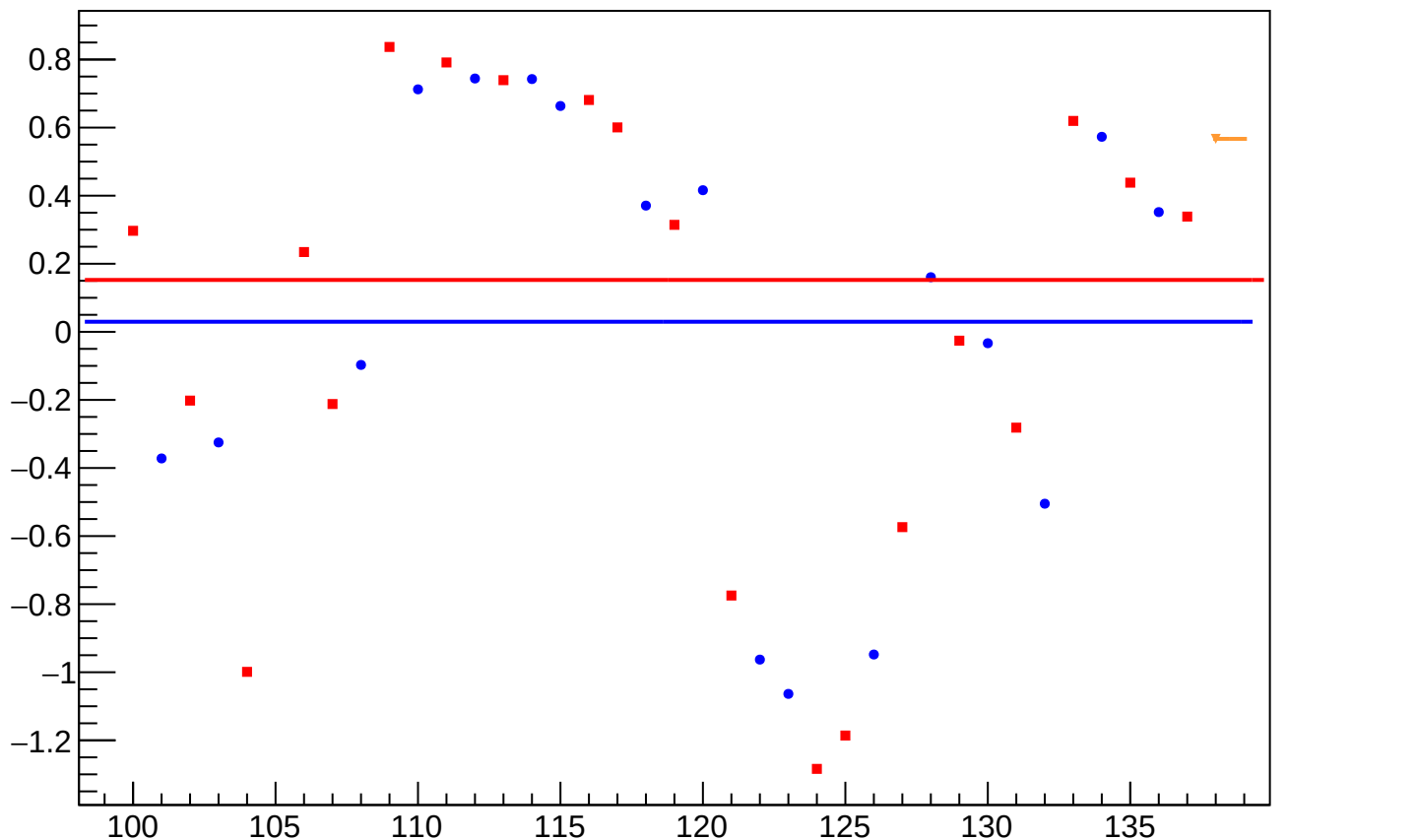
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 554668.7/17

0.014+/-0.000 χ^2/NDF : 1072893.8/37

0.014+/-0.000 χ^2/NDF : 506553.4/19

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.000 χ^2 /NDF: 6294824795.0/16

Left Out: 0.567 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 12673501089.9/19

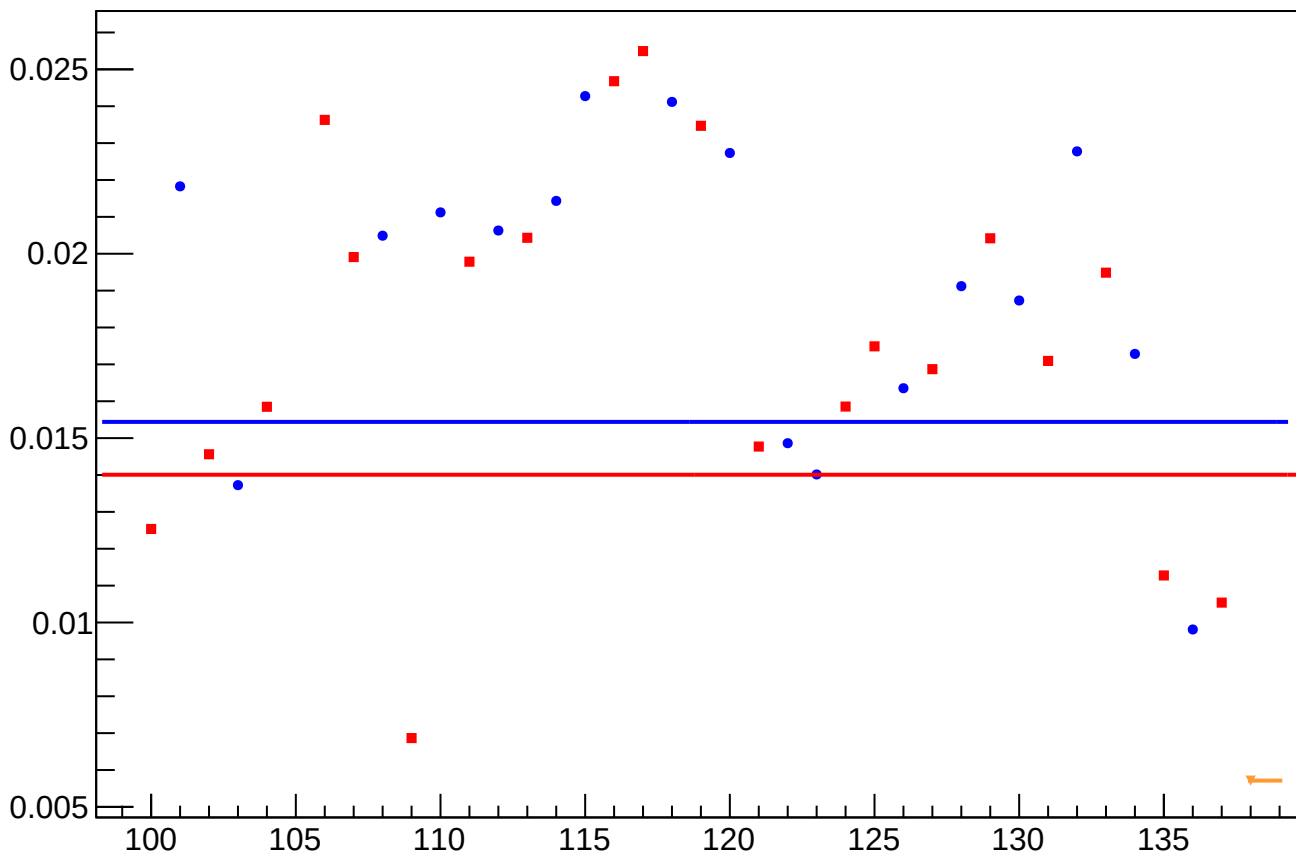
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.260 $\pm$ 0.000 χ^2 /NDF: 9229508357.4/17

0.216 $\pm$ 0.000 χ^2 /NDF: 22098972261.8/3

0.152 $\pm$ 0.000 χ^2 /NDF: 12673501089.9/19

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

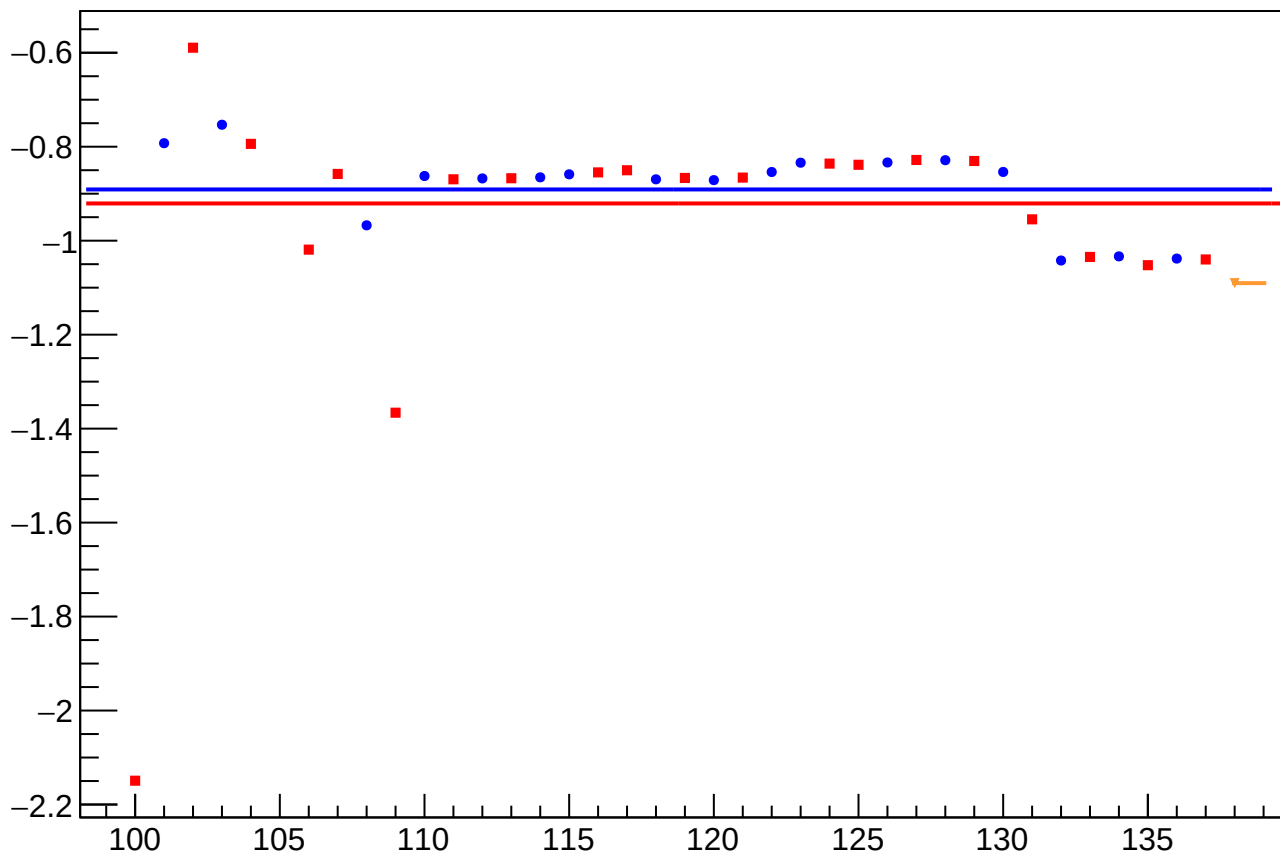
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 3085764.3/17

0.012+/-0.000 χ^2/NDF : 4915814.5/37

0.014+/-0.000 χ^2/NDF : 1576149.9/19

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.891+/-0.000 χ^2/NDF : 39578323.2/16

Left Out: -1.090+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.921+/-0.000 χ^2/NDF : 131271770.4/19

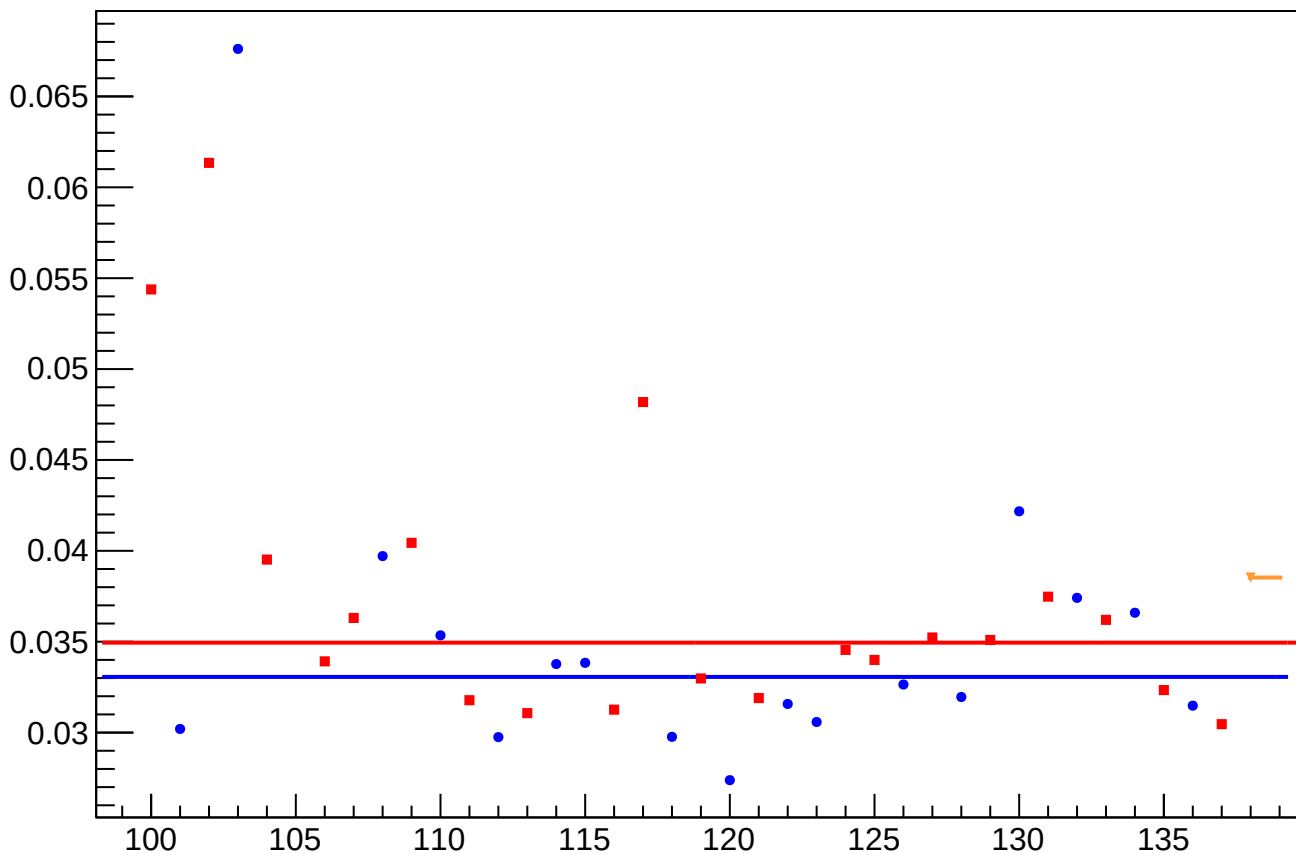
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.905+/-0.000 χ^2/NDF : 54409097.0/17

-0.912+/-0.000 χ^2/NDF : 186367233.3/37

-0.921+/-0.000 χ^2/NDF : 131271770.4/19

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 409286.7/16

Left Out: 0.039+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 280500.4/19

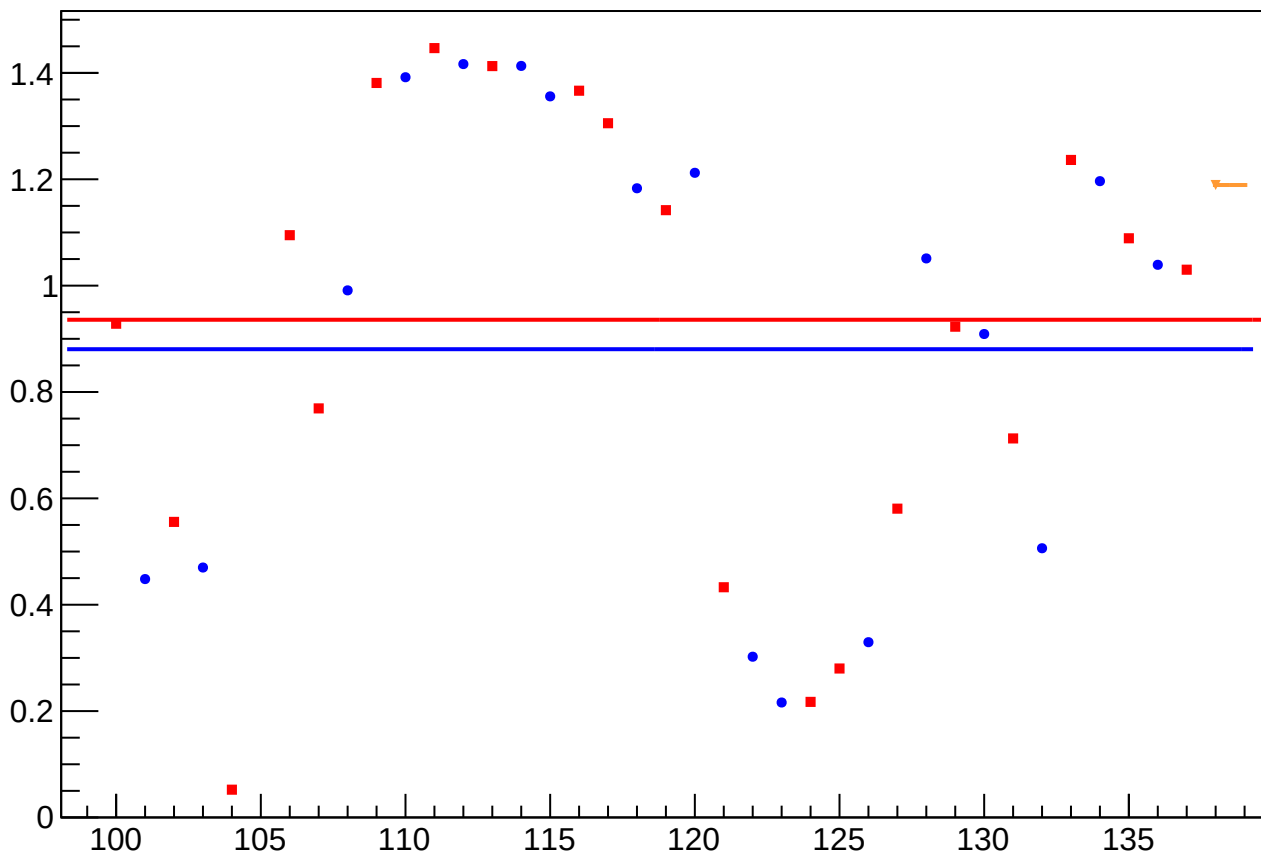
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 431603.2/17

0.034+/-0.000 χ^2/NDF : 724350.3/37

0.035+/-0.000 χ^2/NDF : 280500.4/19

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.880+/-0.000 χ^2/NDF : 6400108121.4/16

Left Out: 1.189+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.936+/-0.000 χ^2/NDF : 9851303698.9/19

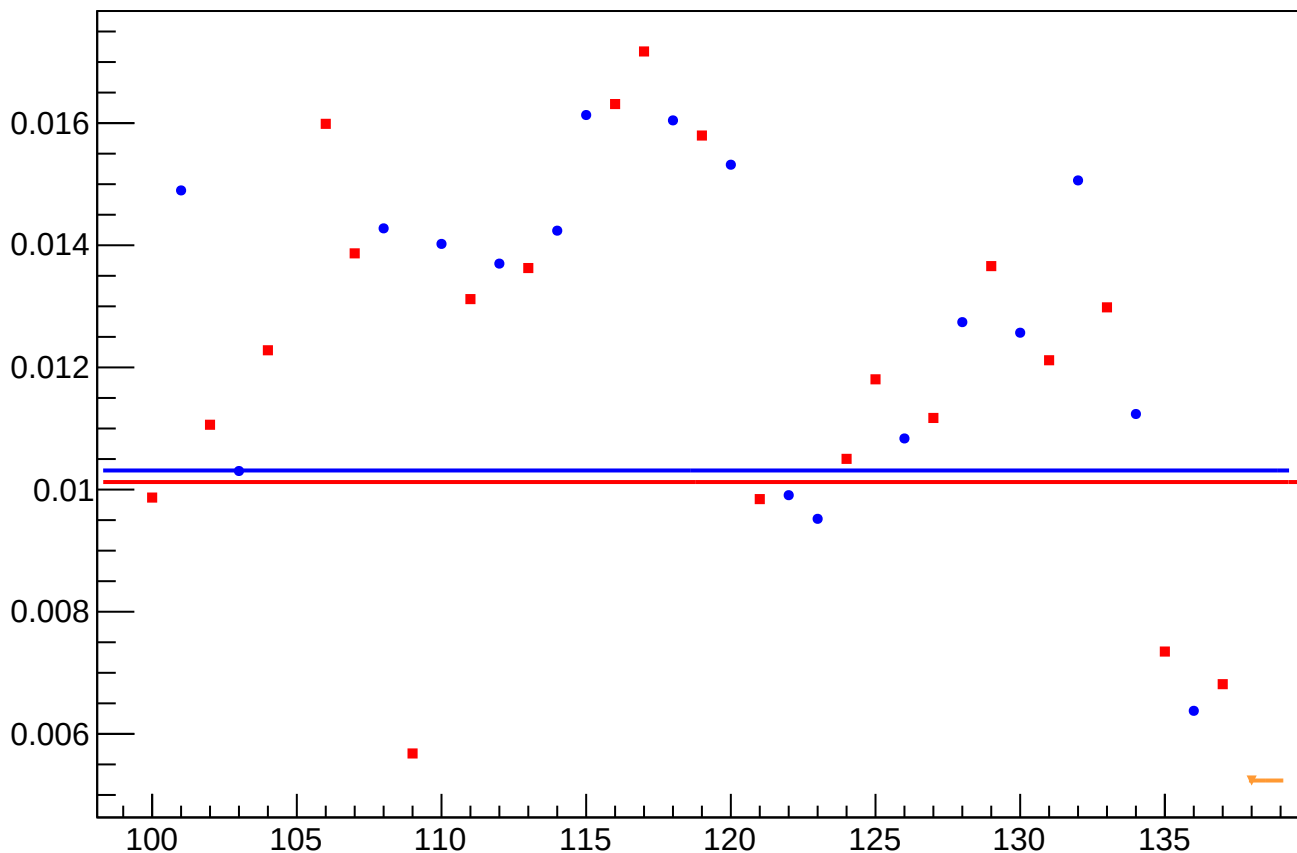
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.976+/-0.000 χ^2/NDF : 7947736937.1/17

0.958+/-0.000 χ^2/NDF : 17850448842.3/3

0.936+/-0.000 χ^2/NDF : 9851303698.9/19

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1231066.2/16

Left Out: 0.005 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1191429.9/19

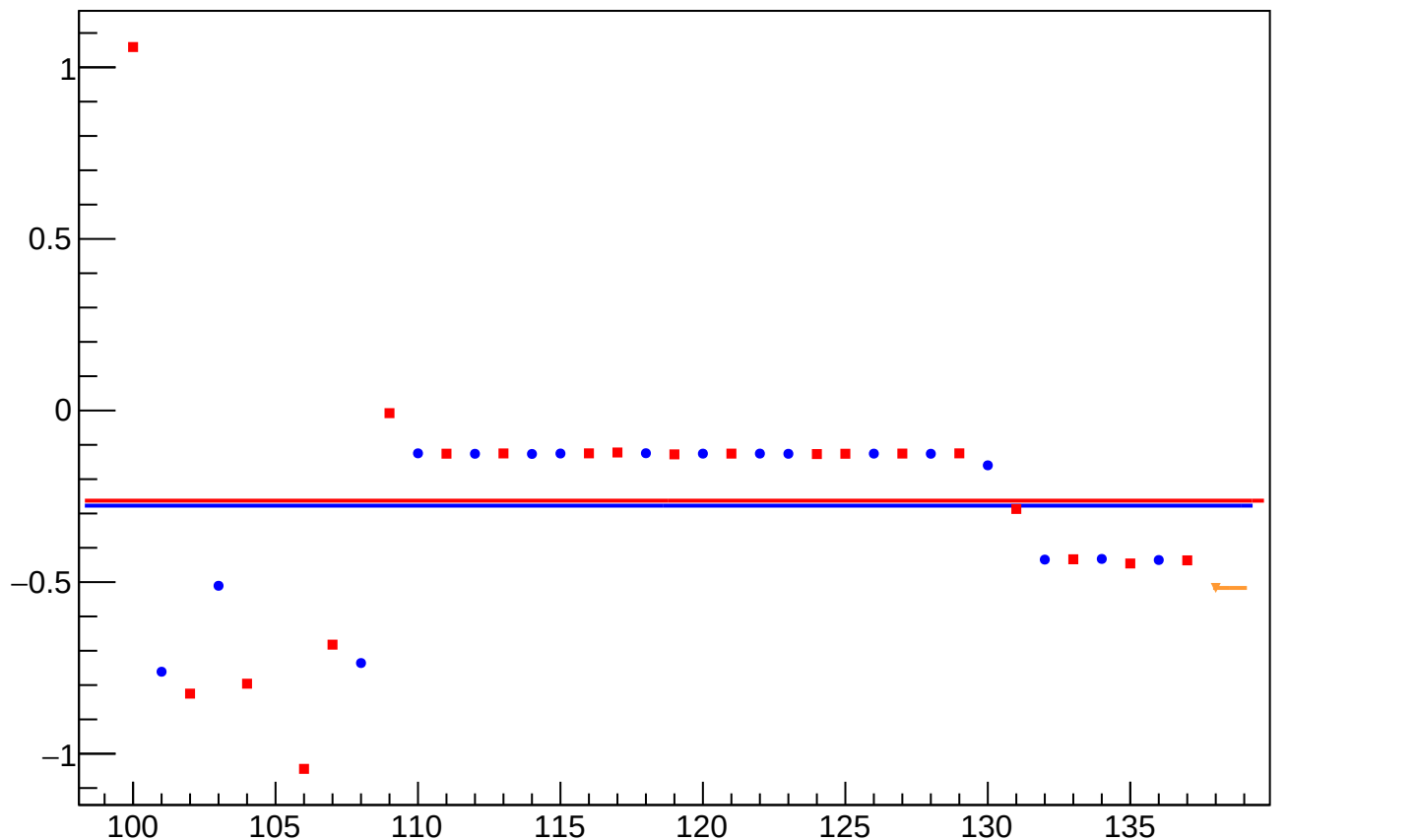
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.009 $\pm$ 0.000 χ^2 /NDF: 2067764.2/17

0.009 $\pm$ 0.000 χ^2 /NDF: 3382513.8/37

0.010 $\pm$ 0.000 χ^2 /NDF: 1191429.9/19

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.277+/-0.000 χ^2/NDF : 940562986.7/16

Left Out: -0.517+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

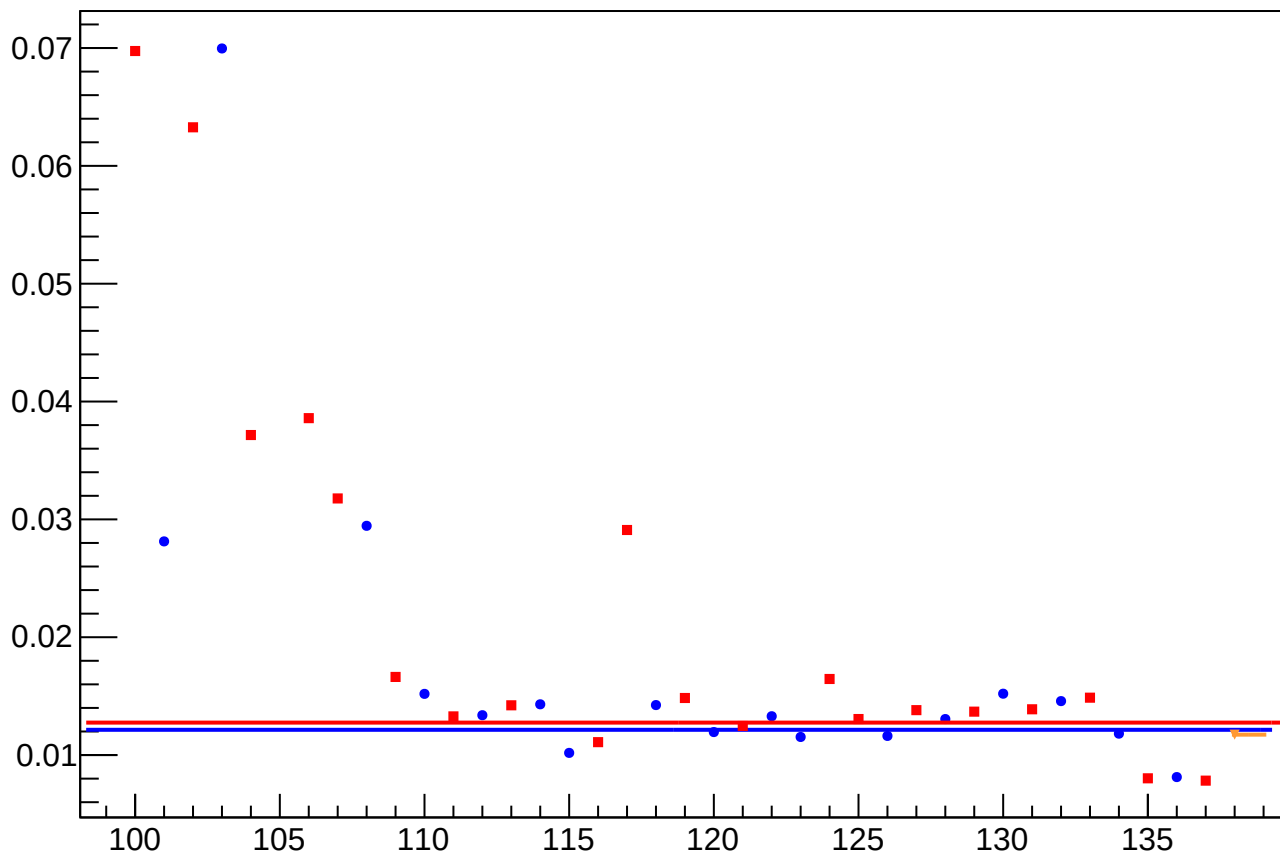
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.302+/-0.000 χ^2/NDF : 1127510804.8/17

-0.284+/-0.000 χ^2/NDF : 2161423460.2/3

-0.263+/-0.000 χ^2/NDF : 1009303829.9/19

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1727494.7/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

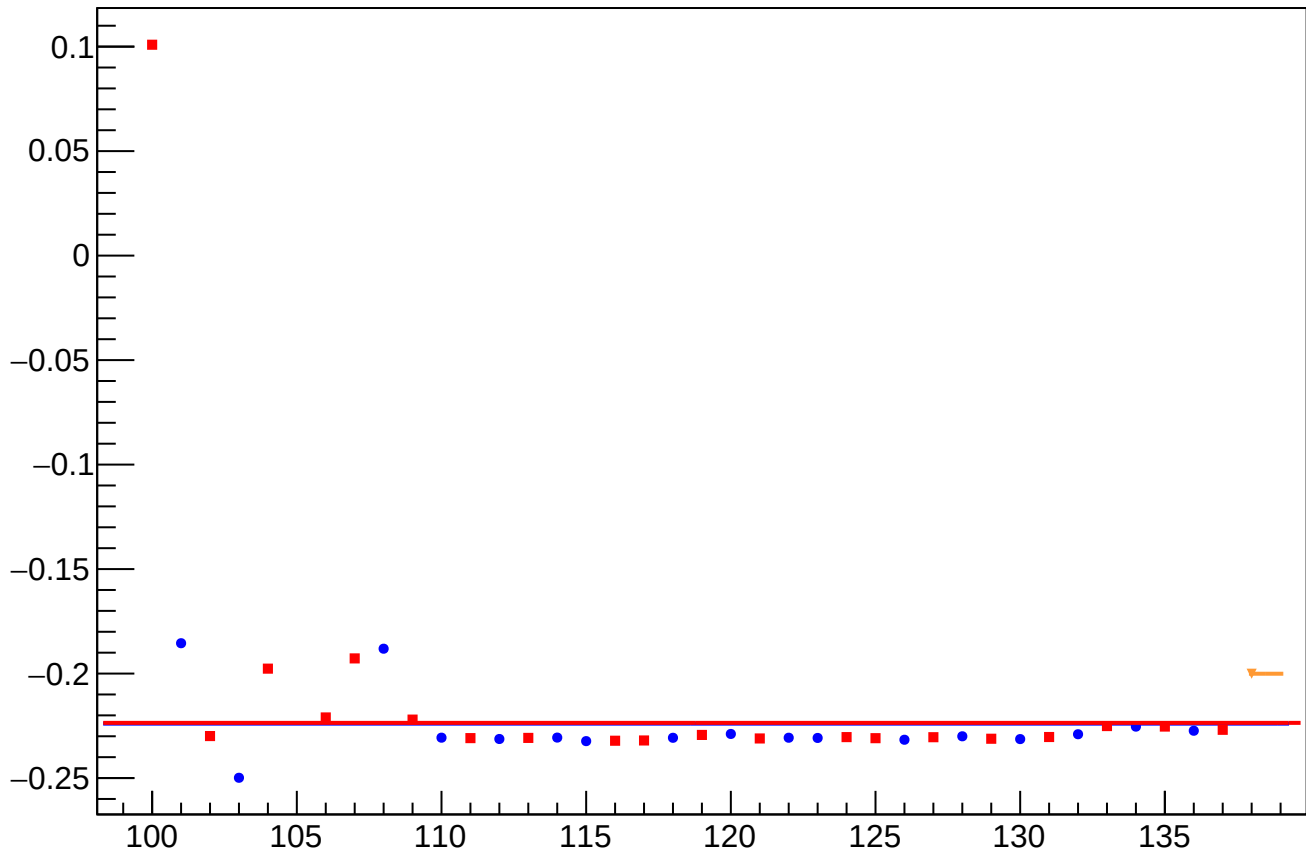
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1728593.8/17

0.012+/-0.000 χ^2/NDF : 3736192.3/37

0.013+/-0.000 χ^2/NDF : 1993726.2/19

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74704721.6/16

Left Out: -0.200+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

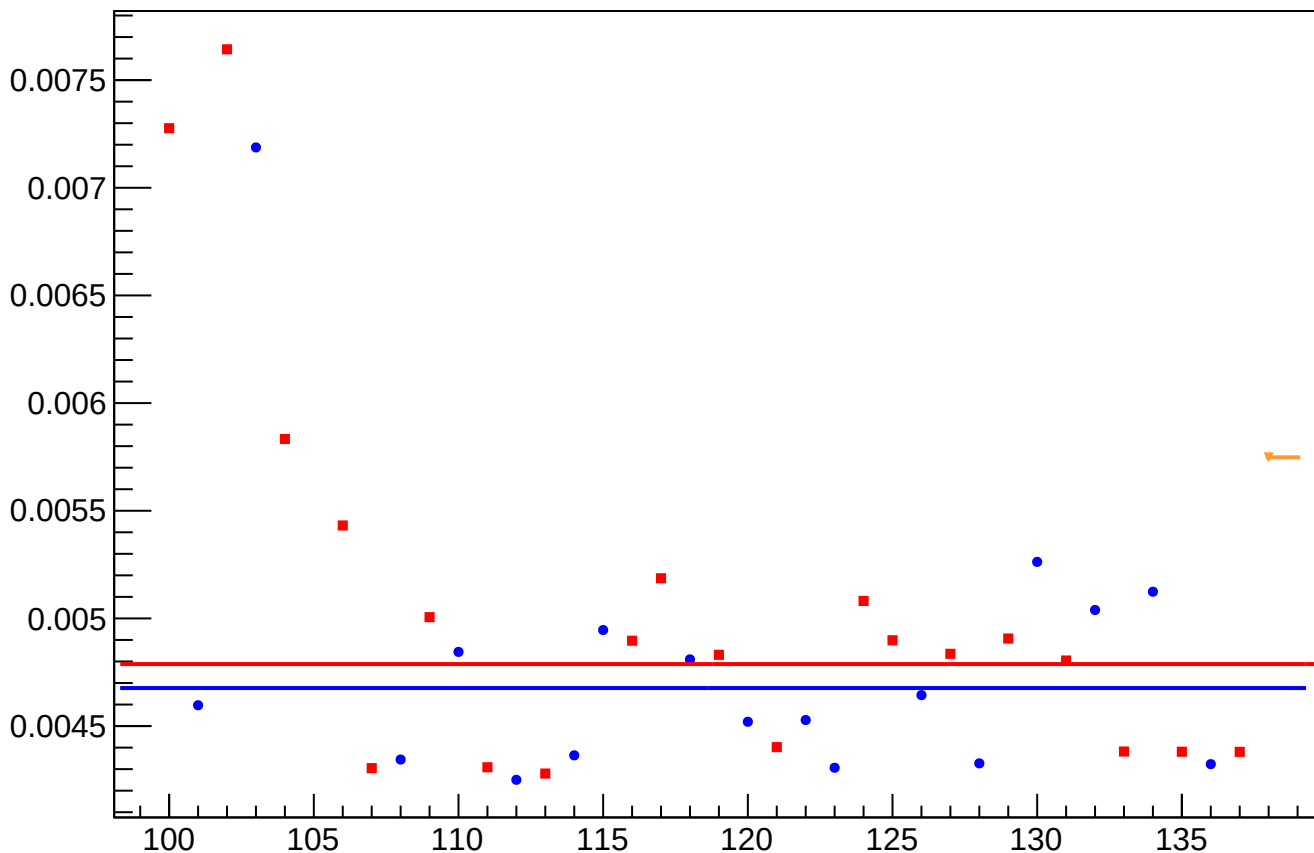
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.222+/-0.000 χ^2/NDF : 85459124.6/17

-0.223+/-0.000 χ^2/NDF : 253924760.1/37

-0.224+/-0.000 χ^2/NDF : 168231258.4/19

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 181335.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 248668.3/19

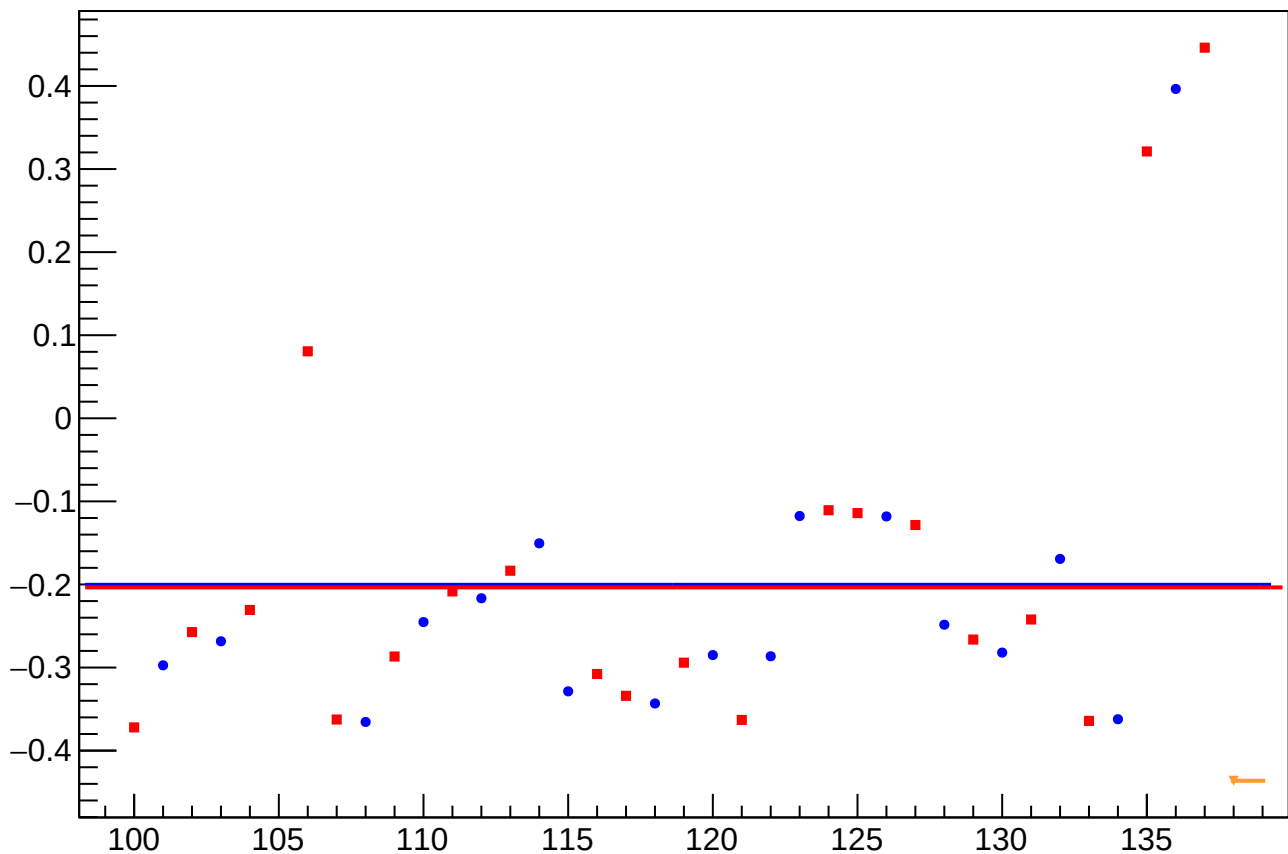
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 224674.5/17

0.005+/-0.000 χ^2/NDF : 473762.8/37

0.005+/-0.000 χ^2/NDF : 248668.3/19

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 5973556486.0/16

Left Out: -0.436+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.204+/-0.000 χ^2/NDF : 5045878528.0/19

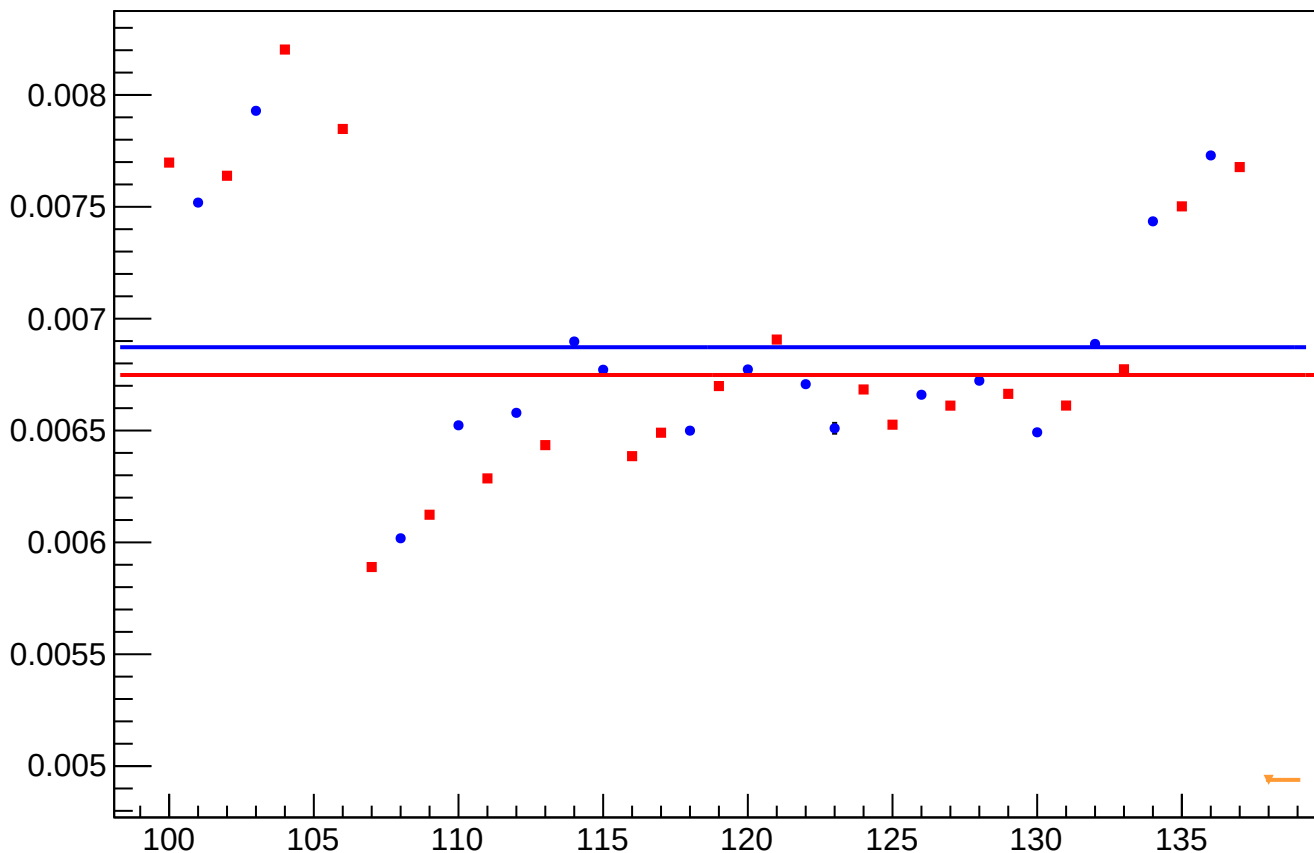
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.241+/-0.000 χ^2/NDF : 7310179716.3/17

-0.223+/-0.000 χ^2/NDF : 12469306515.5/17

-0.204+/-0.000 χ^2/NDF : 5045878528.0/19

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 78611.6/16

Left Out: 0.005 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 105262.1/19

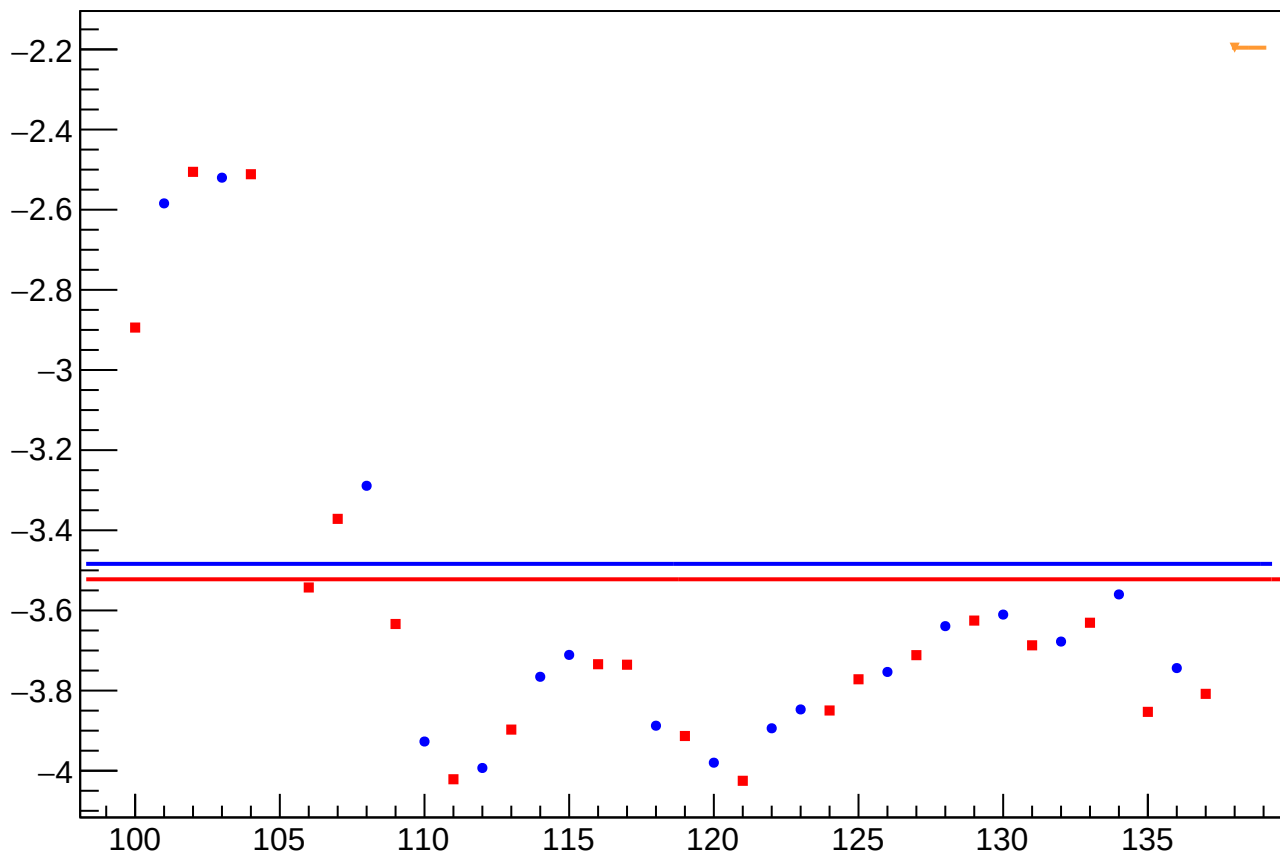
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 258313.6/17

0.007 $\pm$ 0.000 χ^2 /NDF: 370628.0/37

0.007 $\pm$ 0.000 χ^2 /NDF: 105262.1/19

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.484+/-0.000 χ^2/NDF : 27174302276.9/16

Left Out: -2.196+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.522+/-0.000 χ^2/NDF : 26497611752.4/19

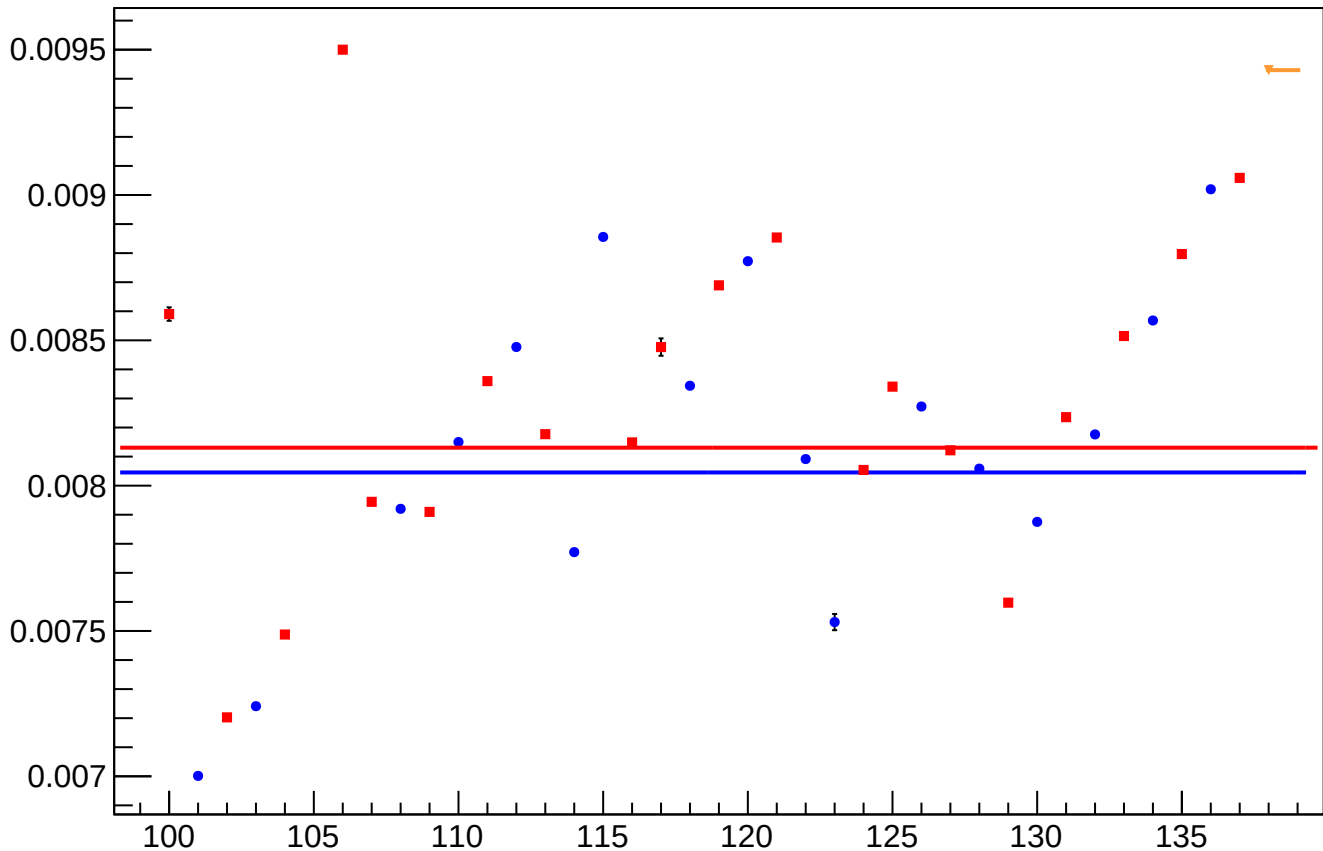
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.387+/-0.000 χ^2/NDF : 39710224321.3/17

-3.453+/-0.000 χ^2/NDF : 67176365490.5/17

-3.522+/-0.000 χ^2/NDF : 26497611752.4/19

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 71989.8/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 57613.2/19

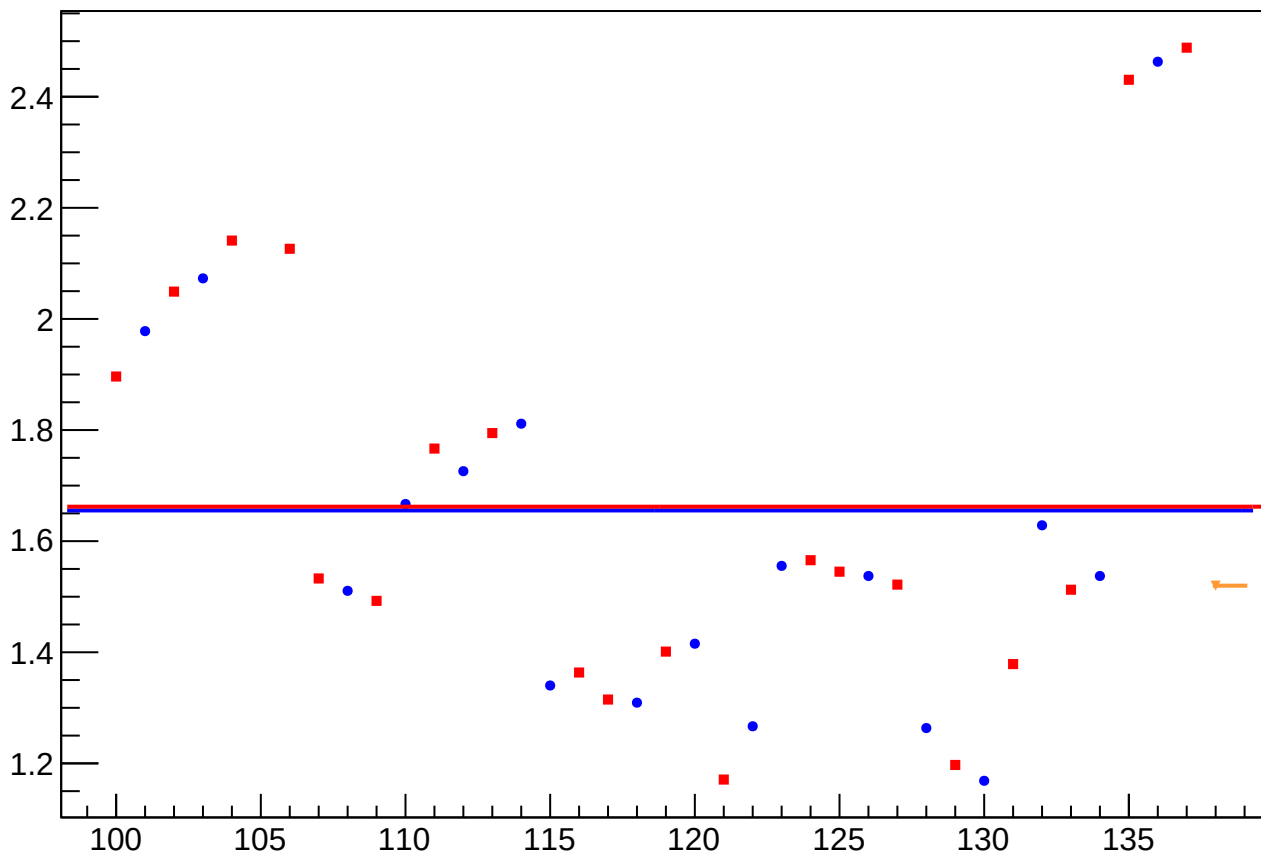
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 100943.2/17

0.008+/-0.000 χ^2/NDF : 158593.7/37

0.008+/-0.000 χ^2/NDF : 57613.2/19

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.655+/-0.000 χ^2/NDF : 6476474909.3/16

Left Out: 1.520+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

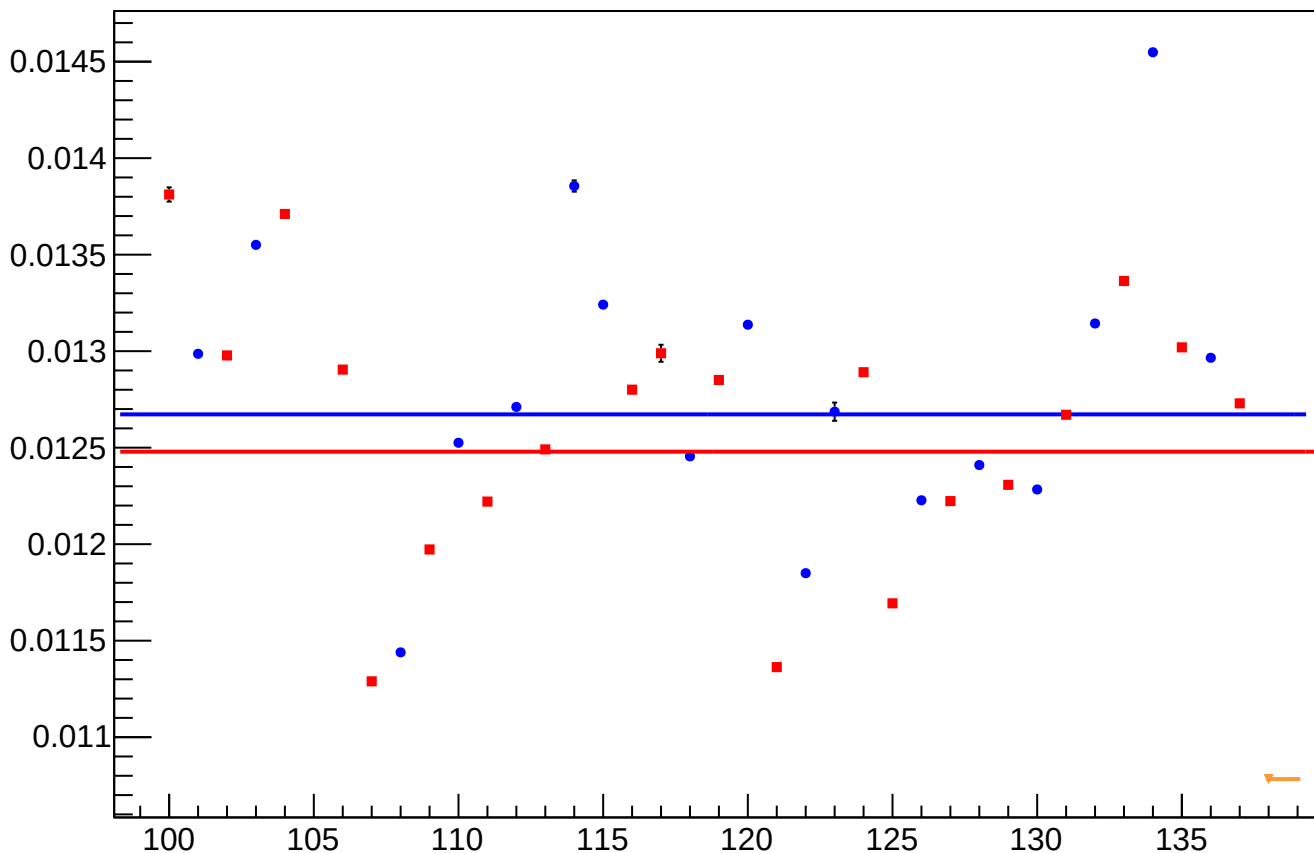
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.638+/-0.000 χ^2/NDF : 6574457343.9/17

1.649+/-0.000 χ^2/NDF : 12563564002.4/3

1.662+/-0.000 χ^2/NDF : 5975345573.0/19

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 31801.3/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 39268.9/19

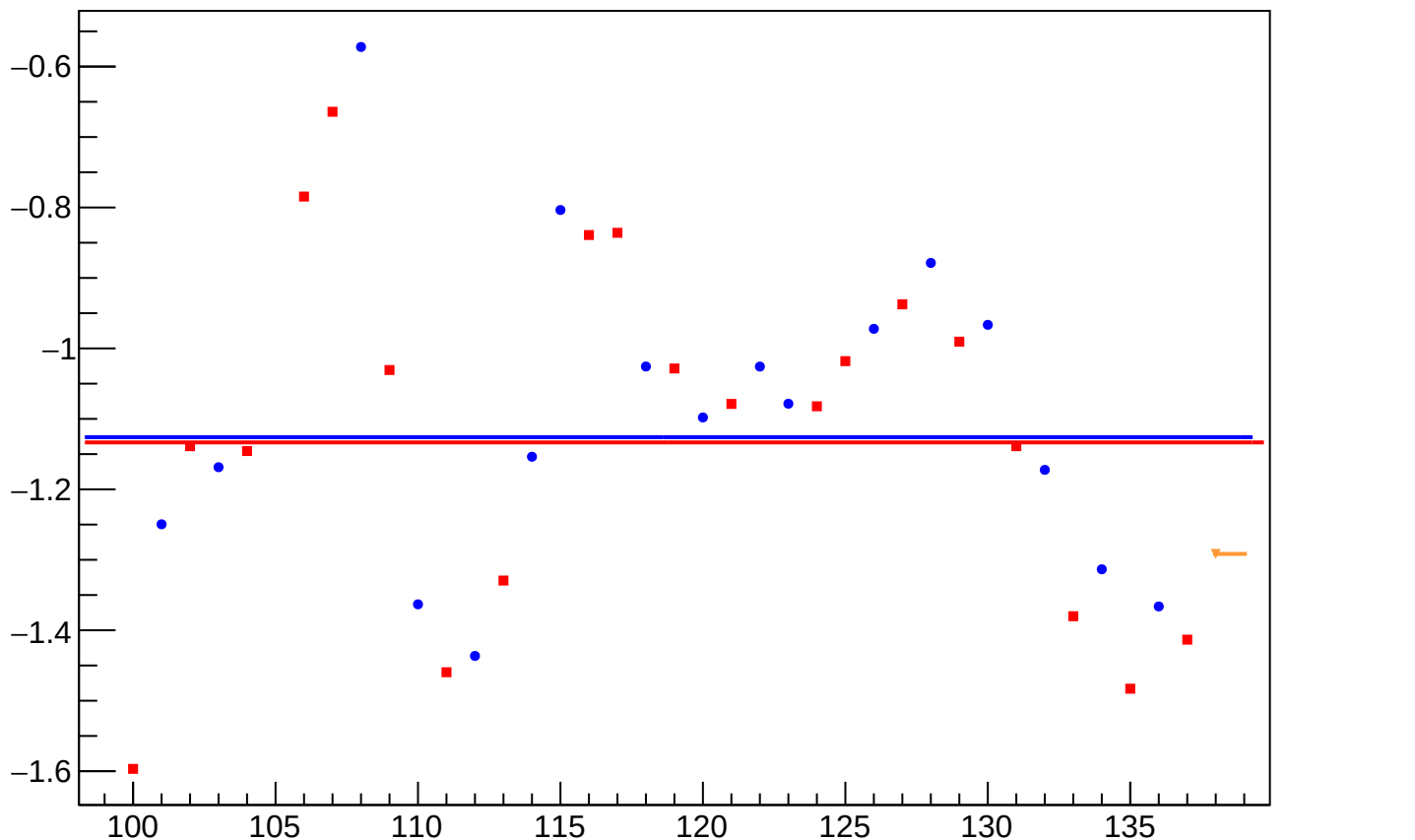
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 69982.6/17

0.012 $\pm$ 0.000 χ^2 /NDF: 109385.0/37

0.012 $\pm$ 0.000 χ^2 /NDF: 39268.9/19

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2/NDF : 3574776639.2/16

Left Out: -1.292+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

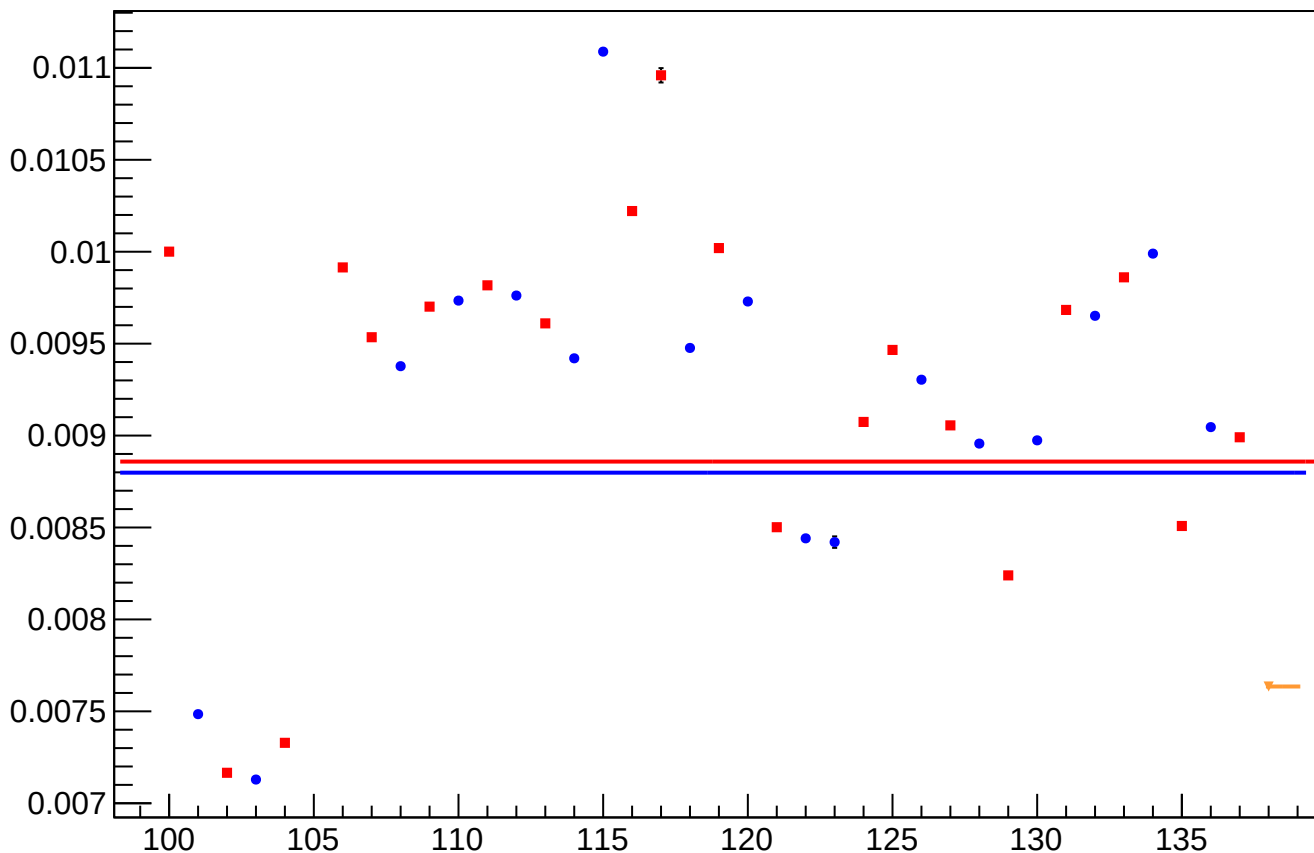
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.147+/-0.000 χ^2/NDF : 3865153166.2/17

-1.141+/-0.000 χ^2/NDF : 7580228565.6/3

-1.133+/-0.000 χ^2/NDF : 3706528266.7/19

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 151586.8/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 176858.0/19

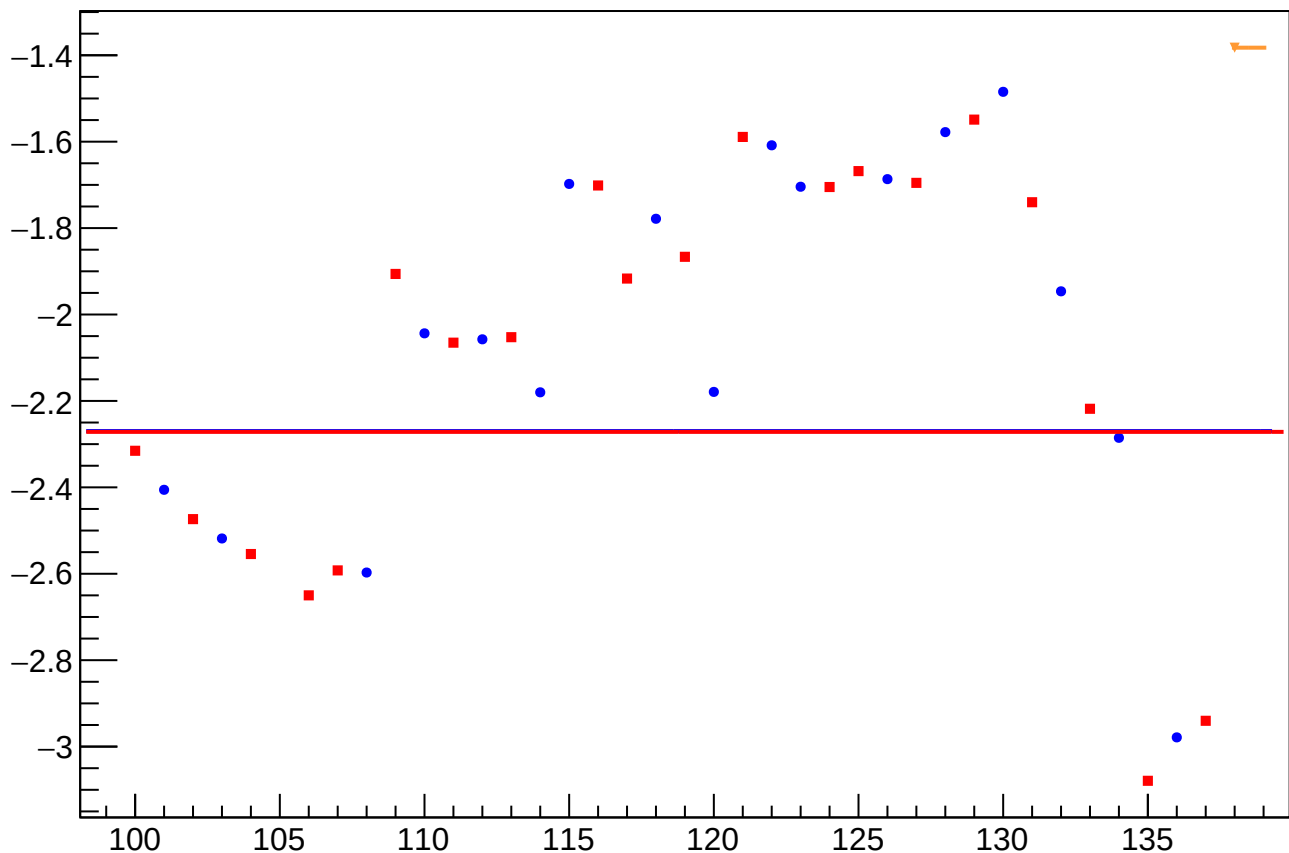
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 180201.5/17

0.009+/-0.000 χ^2/NDF : 360988.3/37

0.009+/-0.000 χ^2/NDF : 176858.0/19

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.270+/-0.000 χ^2 /NDF: 17408567065.9/16

Left Out: -1.382+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.272+/-0.000 χ^2 /NDF: 19012236430.2/19

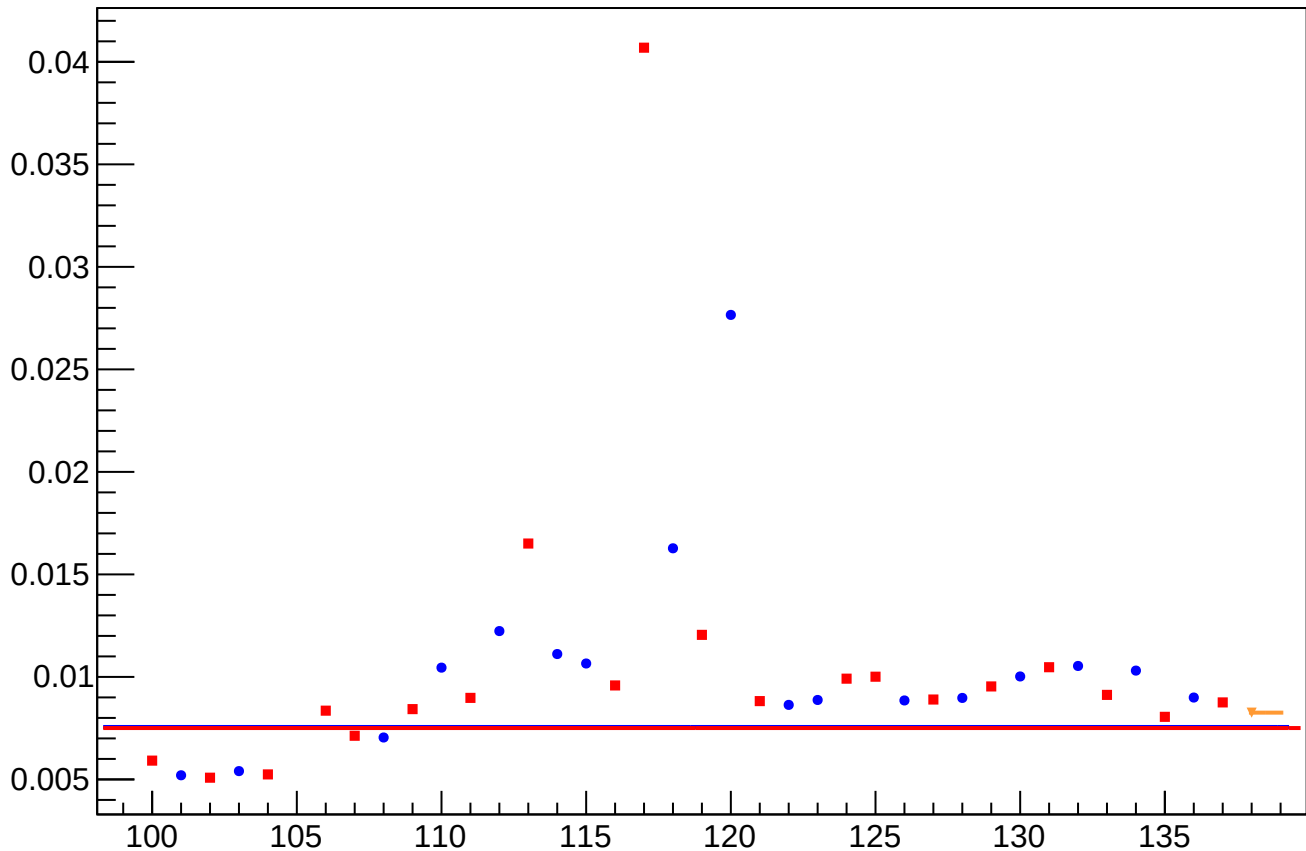
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.185+/-0.000 χ^2 /NDF: 24011863051.1/17

-2.229+/-0.000 χ^2 /NDF: 43390987884.4/19

-2.272+/-0.000 χ^2 /NDF: 19012236430.2/19

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1221004.0/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 984811.6/19

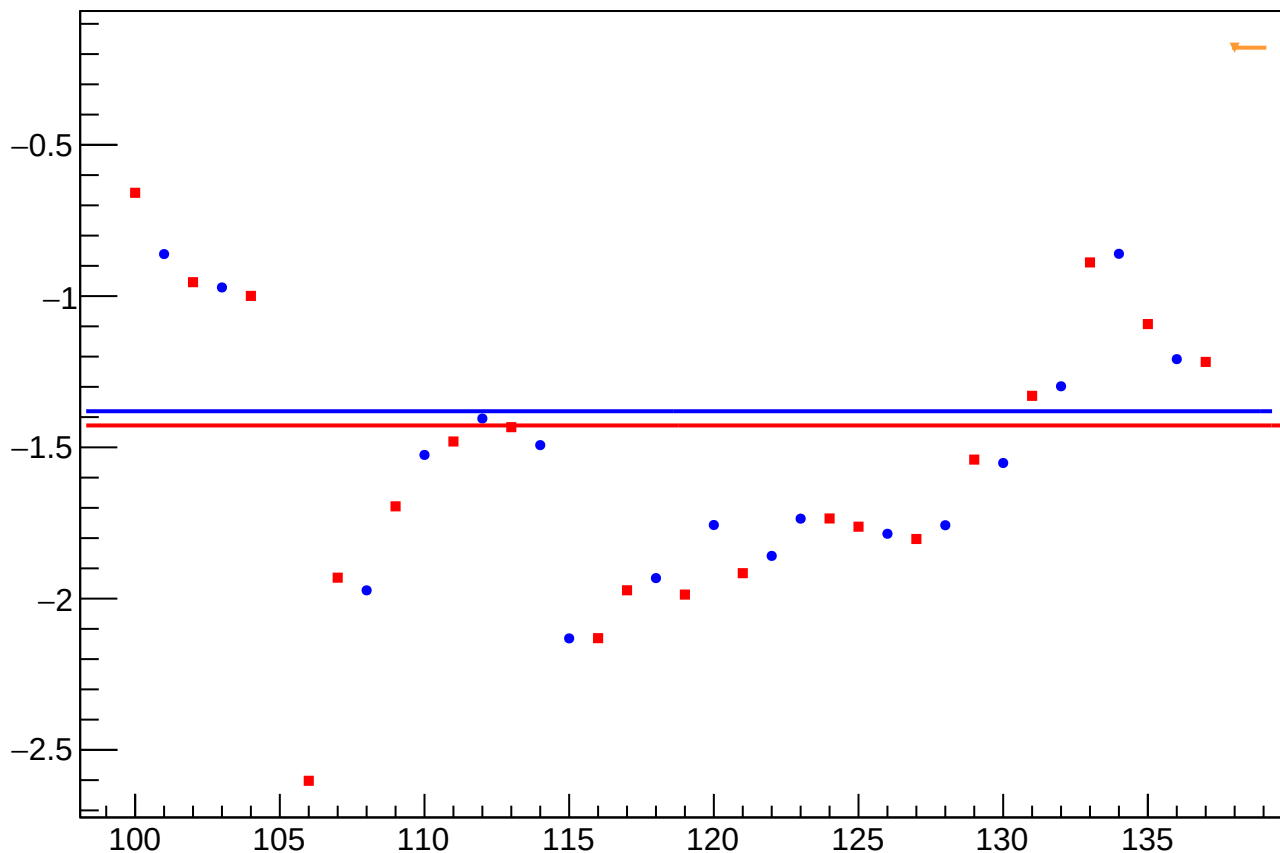
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 1229214.2/17

0.008+/-0.000 χ^2/NDF : 2215412.0/37

0.008+/-0.000 χ^2/NDF : 984811.6/19

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381+/-0.000 χ^2/NDF : 20001018652.5/16

Left Out: -0.179+/-0.000 χ^2/NDF : 0.0/0

-1.088+/-0.000 χ^2/NDF : 65645437678.6/17

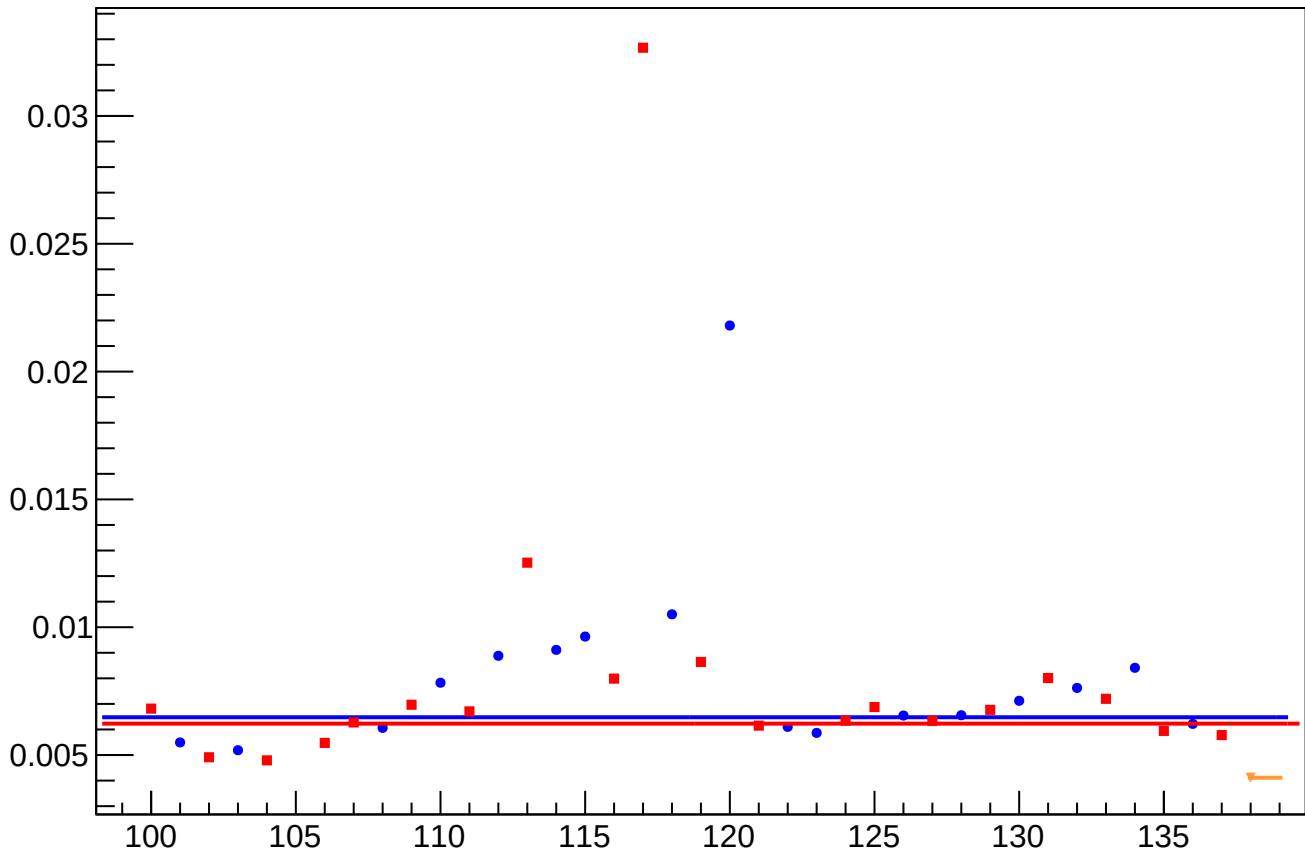
Right Out: -1.428+/-0.000 χ^2/NDF : 29626603581.6/19

-1.247+/-0.000 χ^2/NDF : 104562817297.9

-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, Sign Corrected



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

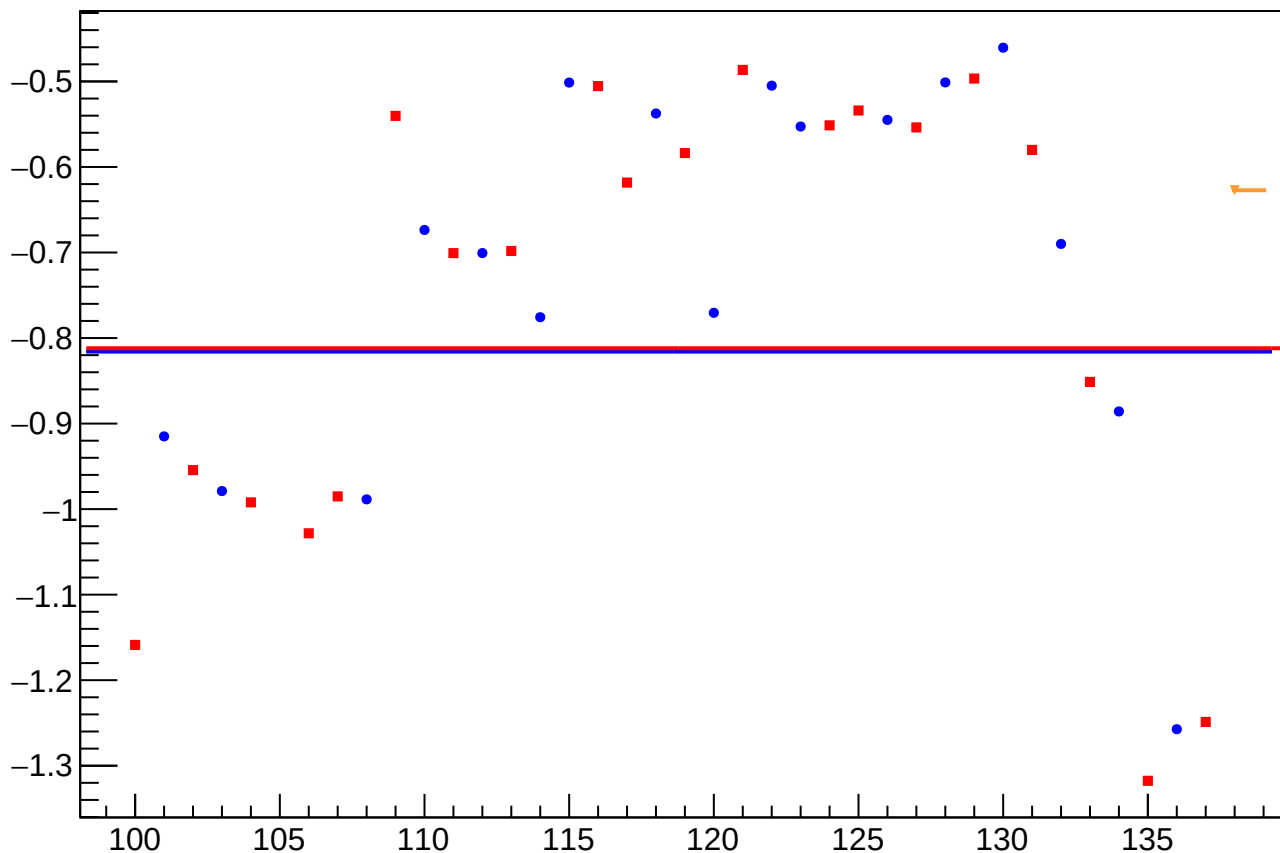
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 926158.7/17

0.006+/-0.000 χ^2/NDF : 1415838.1/37

0.006+/-0.000 χ^2/NDF : 472534.6/19

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.816+/-0.000 χ^2/NDF : 14172884795.2/16

Left Out: -0.627+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.812+/-0.000 χ^2/NDF : 16818378599.3/19

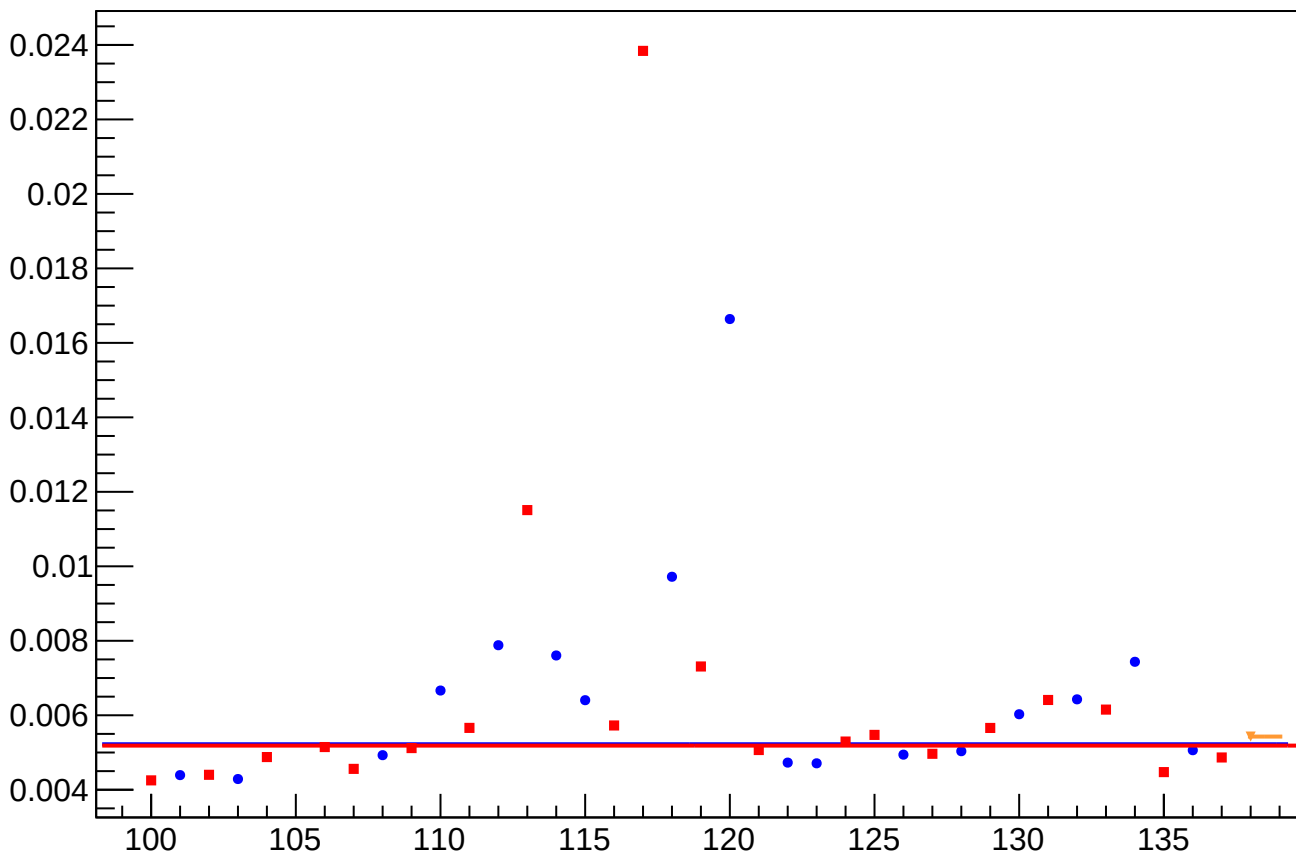
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.797+/-0.000 χ^2/NDF : 14857787471.1/17

-0.805+/-0.000 χ^2/NDF : 31699873526.3/19

-0.812+/-0.000 χ^2/NDF : 16818378599.3/19

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 664386.8/16

Left Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 410640.5/19

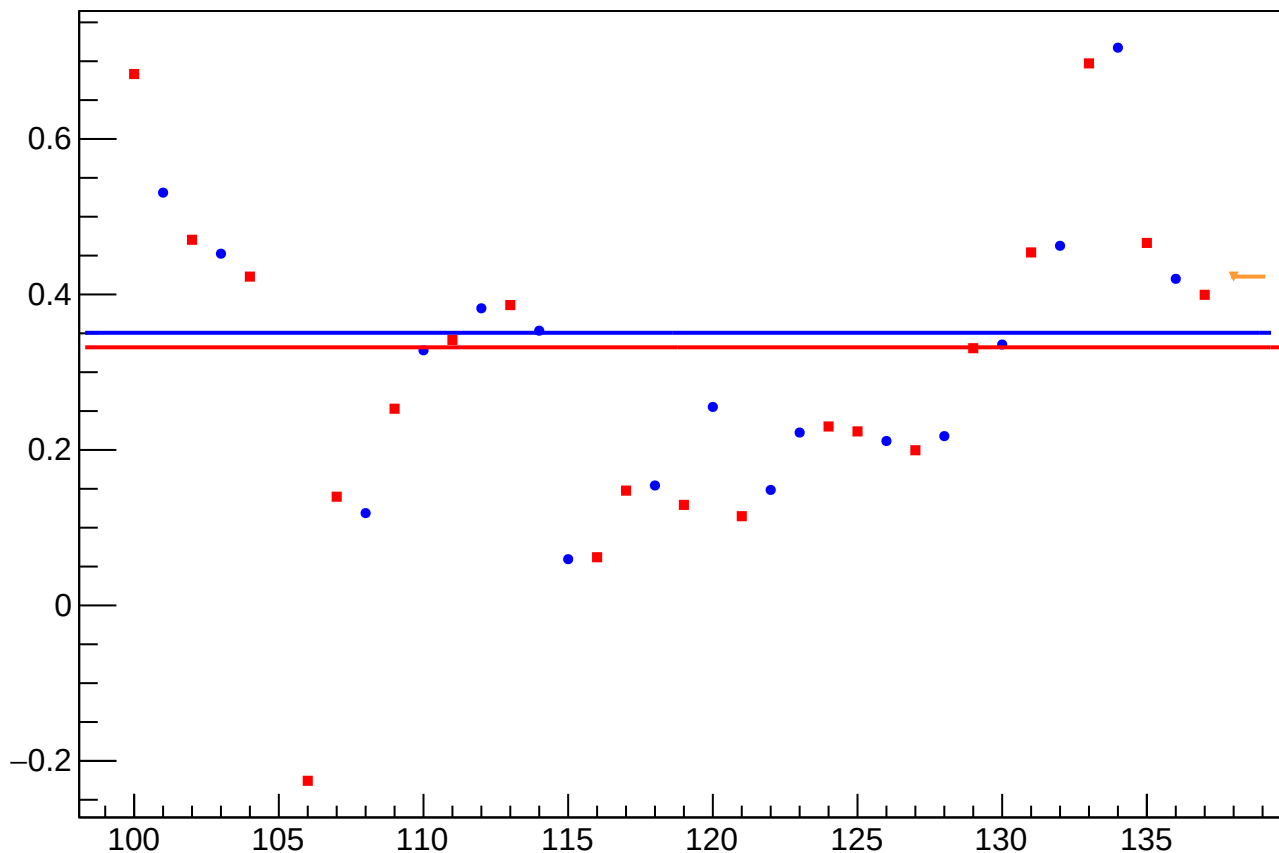
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 666027.0/17

0.005+/-0.000 χ^2/NDF : 1077367.4/37

0.005+/-0.000 χ^2/NDF : 410640.5/19

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.423+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.332+/-0.000 χ^2/NDF : 11800695210.2/19

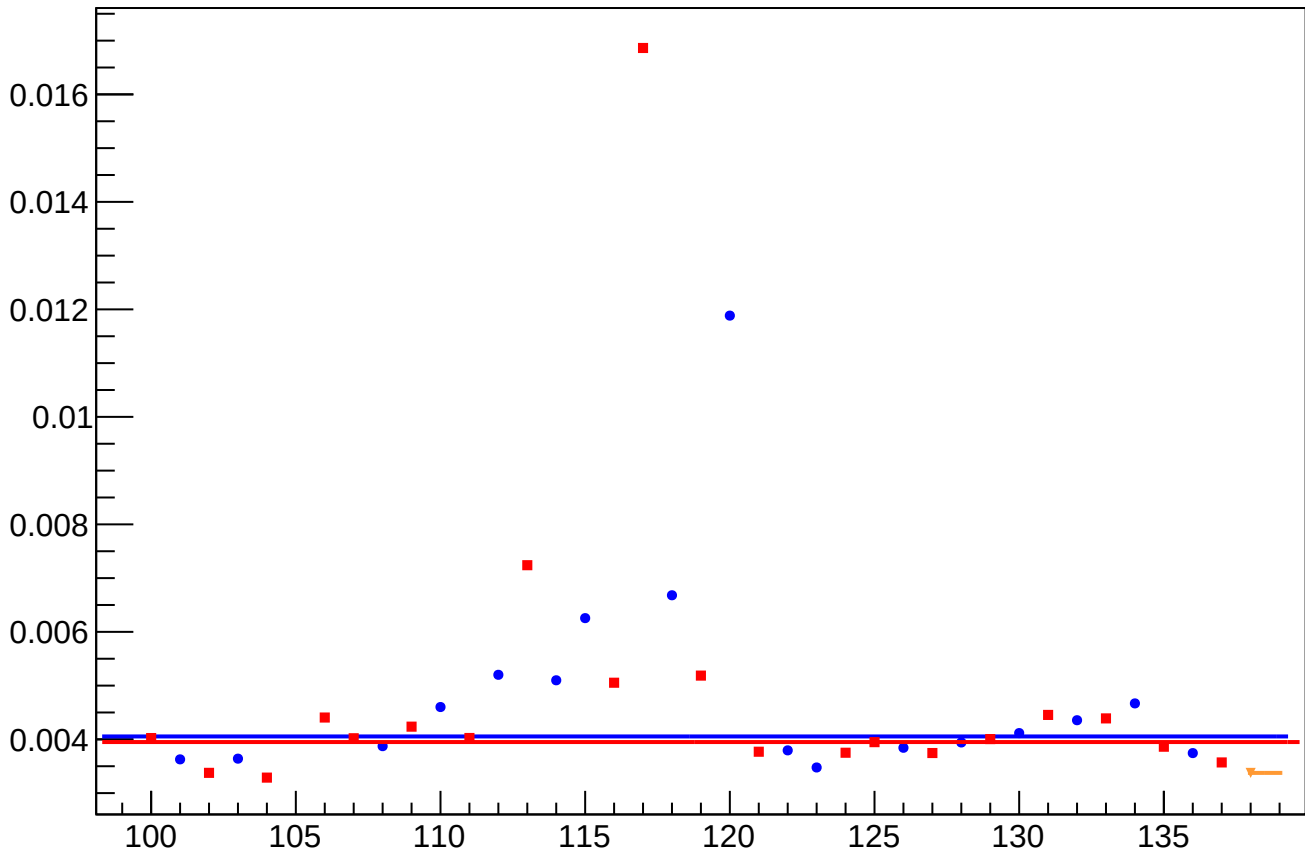
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.360+/-0.000 χ^2/NDF : 7639482249.7/17

0.346+/-0.000 χ^2/NDF : 19592869440.3/3

0.332+/-0.000 χ^2/NDF : 11800695210.2/19

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 455318.3/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 304954.7/19

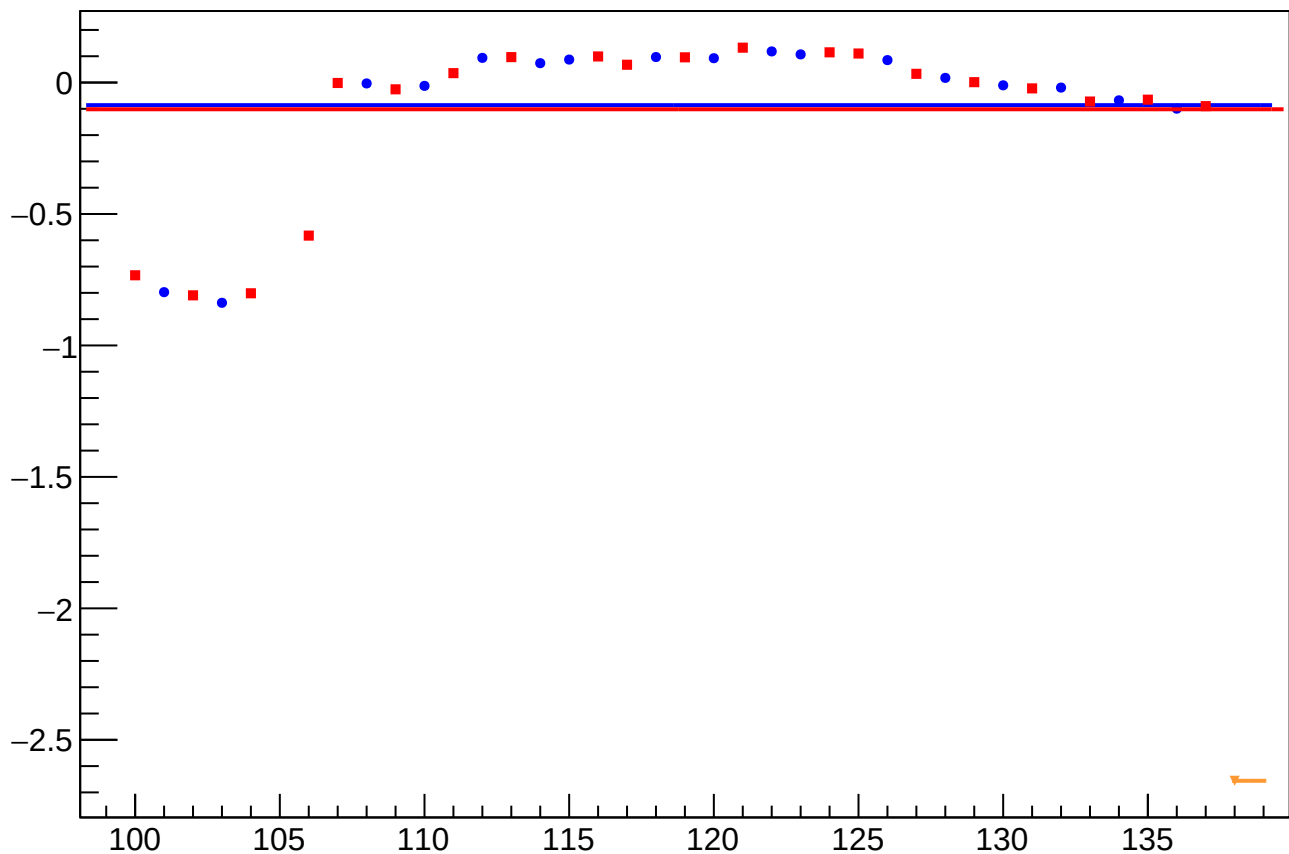
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 495607.9/17

0.004+/-0.000 χ^2/NDF : 800699.5/37

0.004+/-0.000 χ^2/NDF : 304954.7/19

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.000 χ^2/NDF : 4989387592.7/16

Left Out: -2.656+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.102+/-0.000 χ^2/NDF : 5566142794.2/19

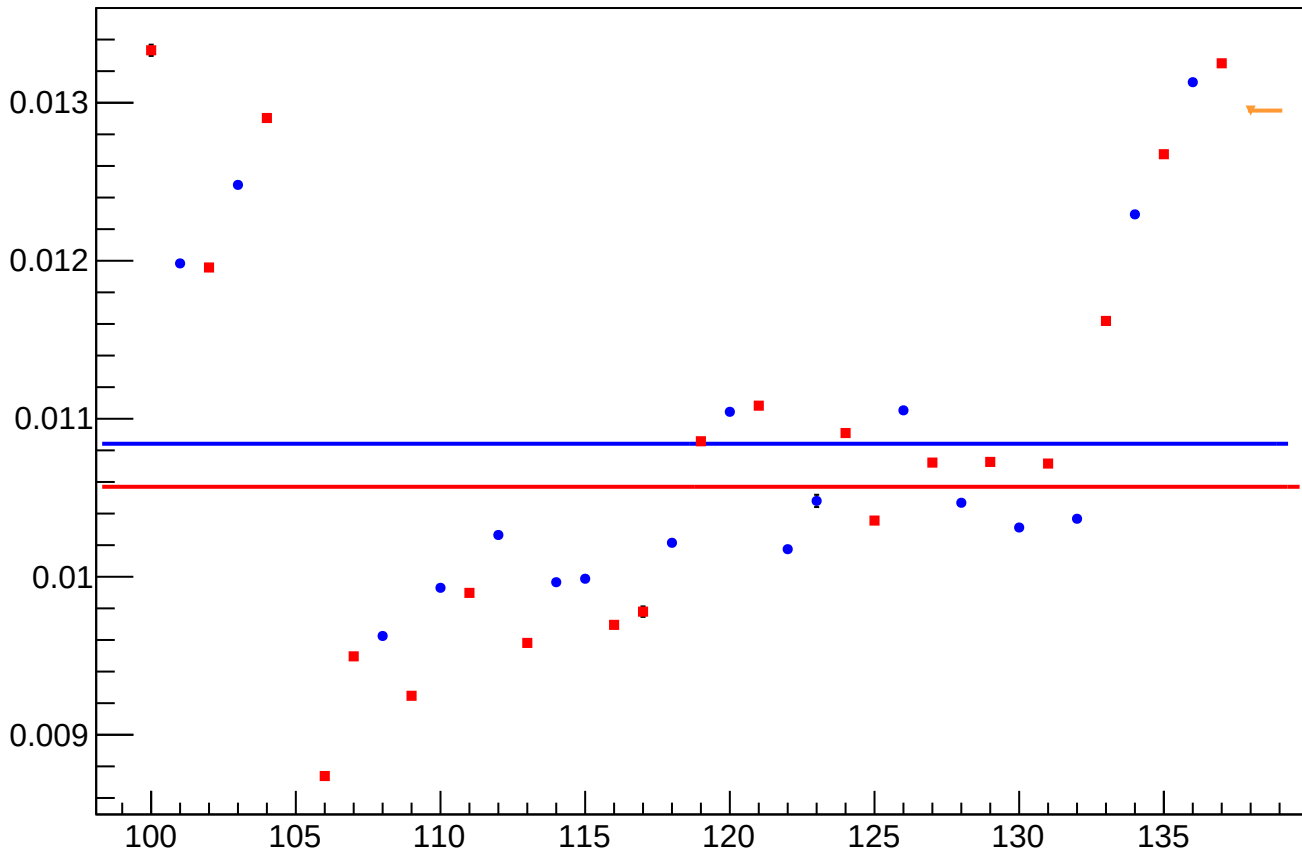
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.269+/-0.000 χ^2/NDF : 31481285843.9/17

-0.184+/-0.000 χ^2/NDF : 37910317096.3/17

-0.102+/-0.000 χ^2/NDF : 5566142794.2/19

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 124260.3/16

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 179537.7/19

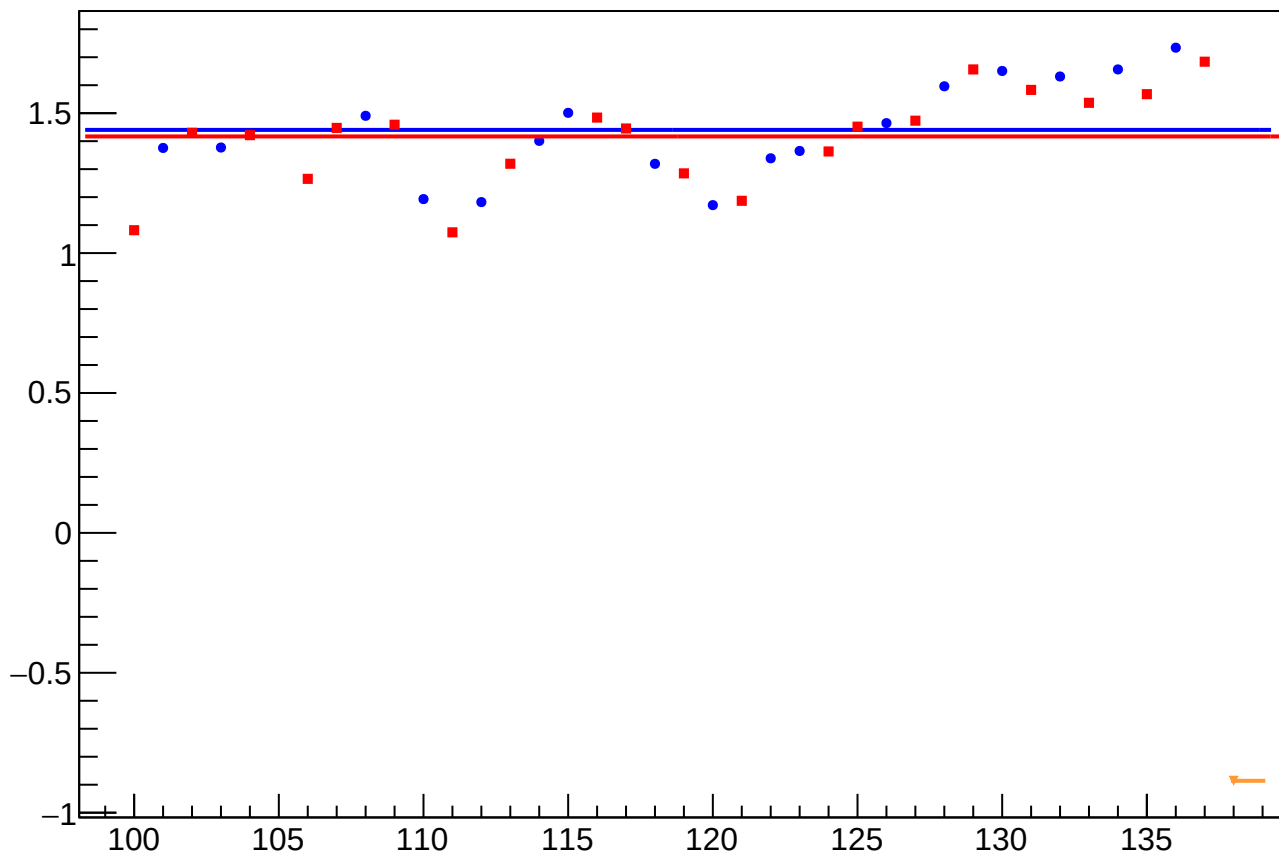
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 159934.1/17

0.011+/-0.000 χ^2/NDF : 350512.5/37

0.011+/-0.000 χ^2/NDF : 179537.7/19

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.440 $\pm$ 0.000 χ^2 /NDF: 3449252780.8/16

Left Out: -0.886 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.417 $\pm$ 0.000 χ^2 /NDF: 2674679406.4/19

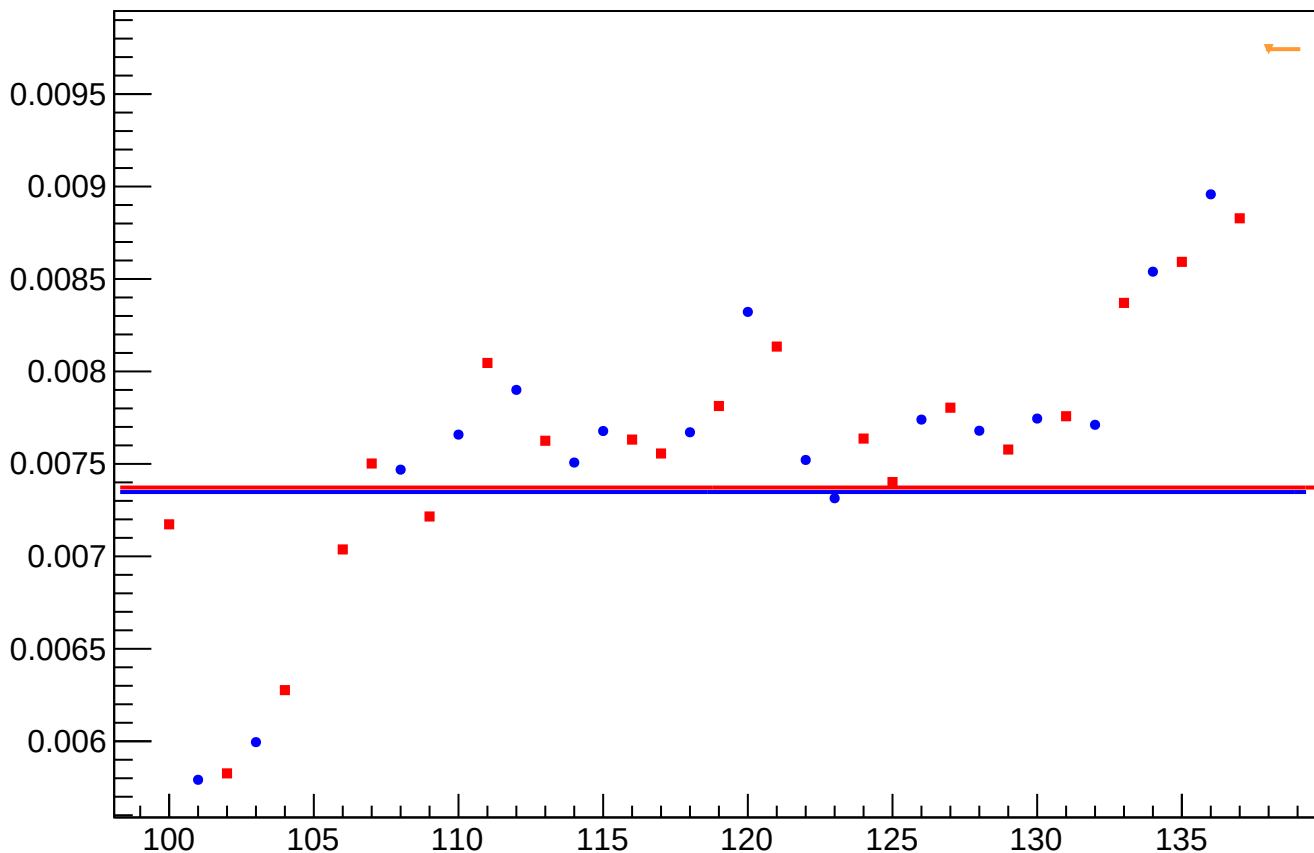
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.302 $\pm$ 0.000 χ^2 /NDF: 42677512072.5/17

1.360 $\pm$ 0.000 χ^2 /NDF: 46207681836.7/3

1.417 $\pm$ 0.000 χ^2 /NDF: 2674679406.4/19

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 228163.6/16

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 172741.0/19

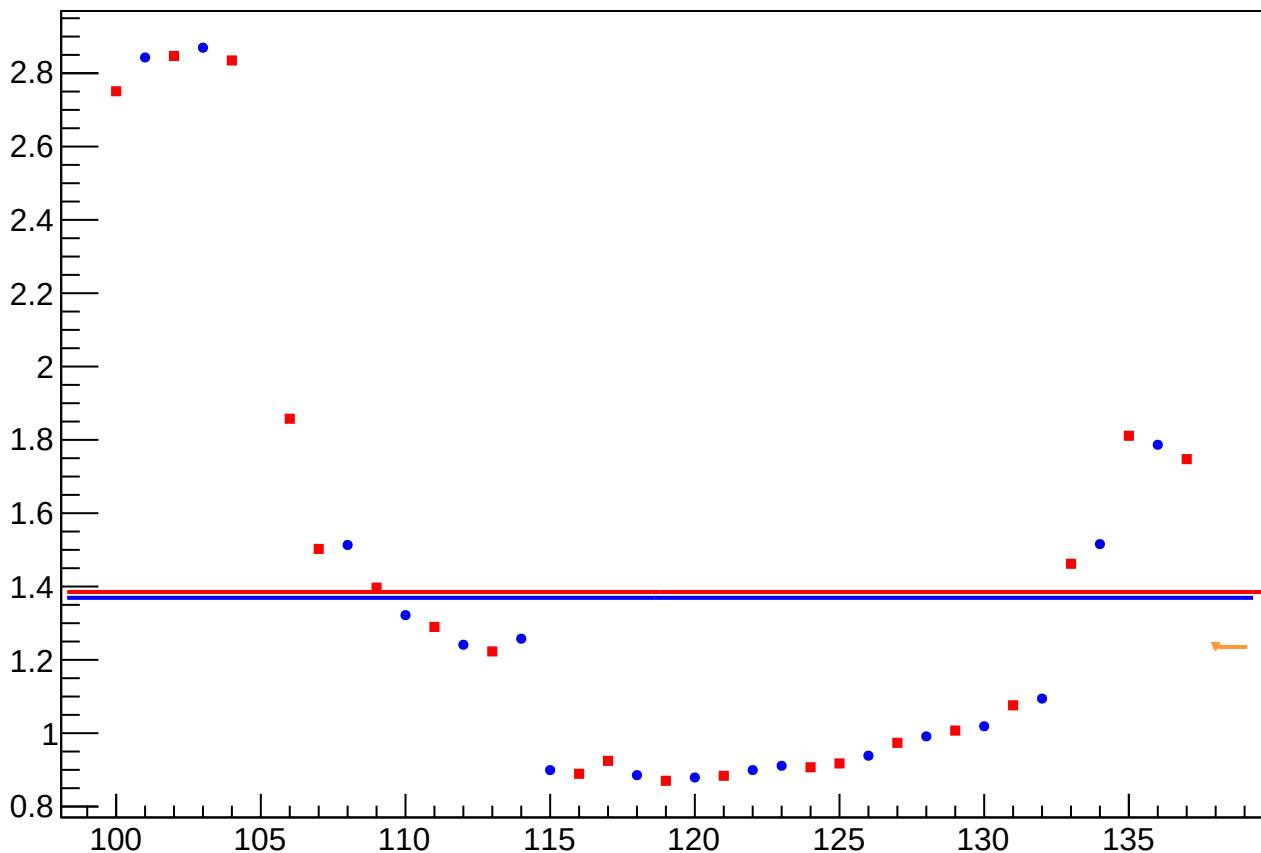
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 311328.8/17

0.007+/-0.000 χ^2/NDF : 485870.8/37

0.007+/-0.000 χ^2/NDF : 172741.0/19

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.369+/-0.000 χ^2/NDF : 54205395389.8/16

Left Out: 1.235+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.385+/-0.000 χ^2/NDF : 50114562617.6/19

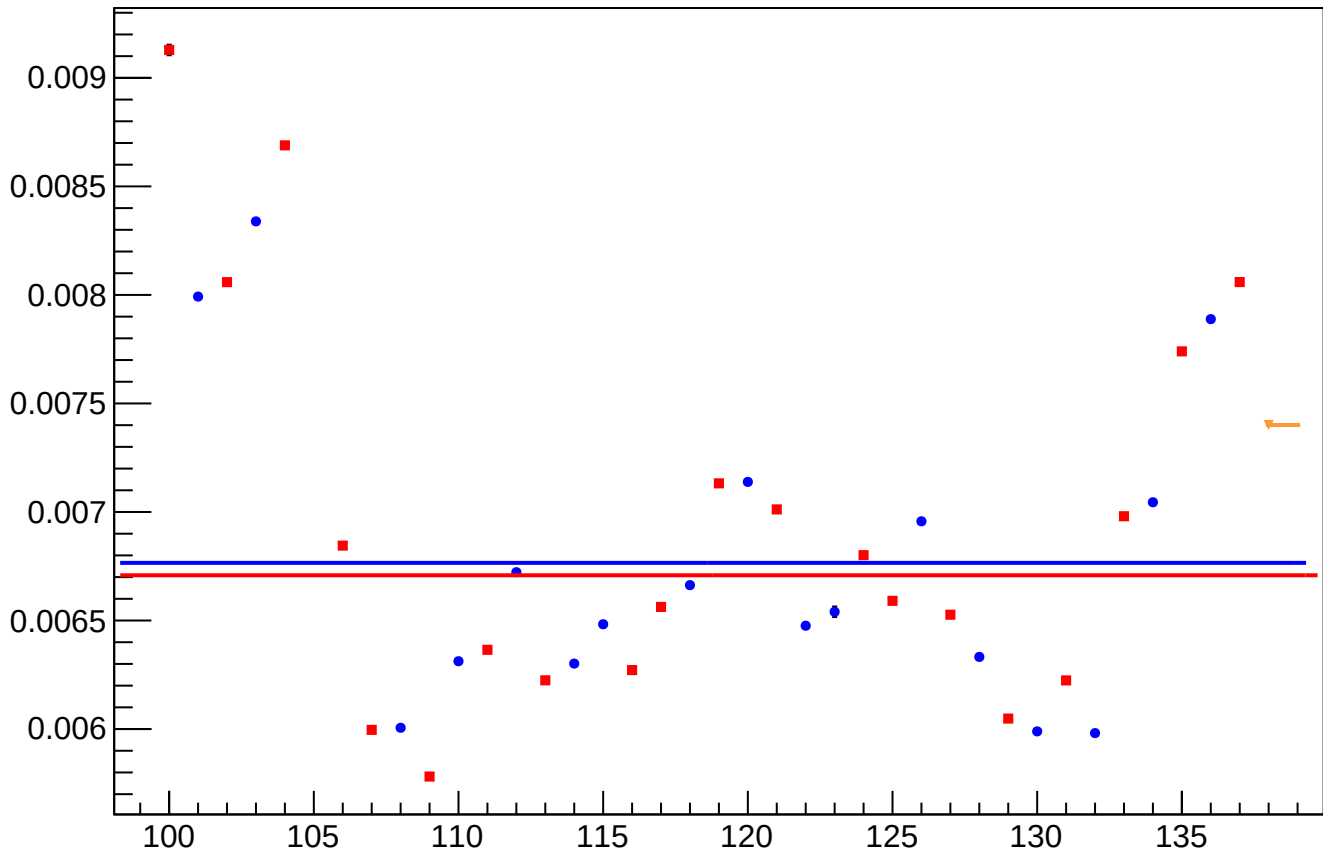
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.358+/-0.000 χ^2/NDF : 54422429891.6/17

1.371+/-0.000 χ^2/NDF : 104594623603.5/17

1.385+/-0.000 χ^2/NDF : 50114562617.6/19

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 159554.9/16

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 187869.7/19

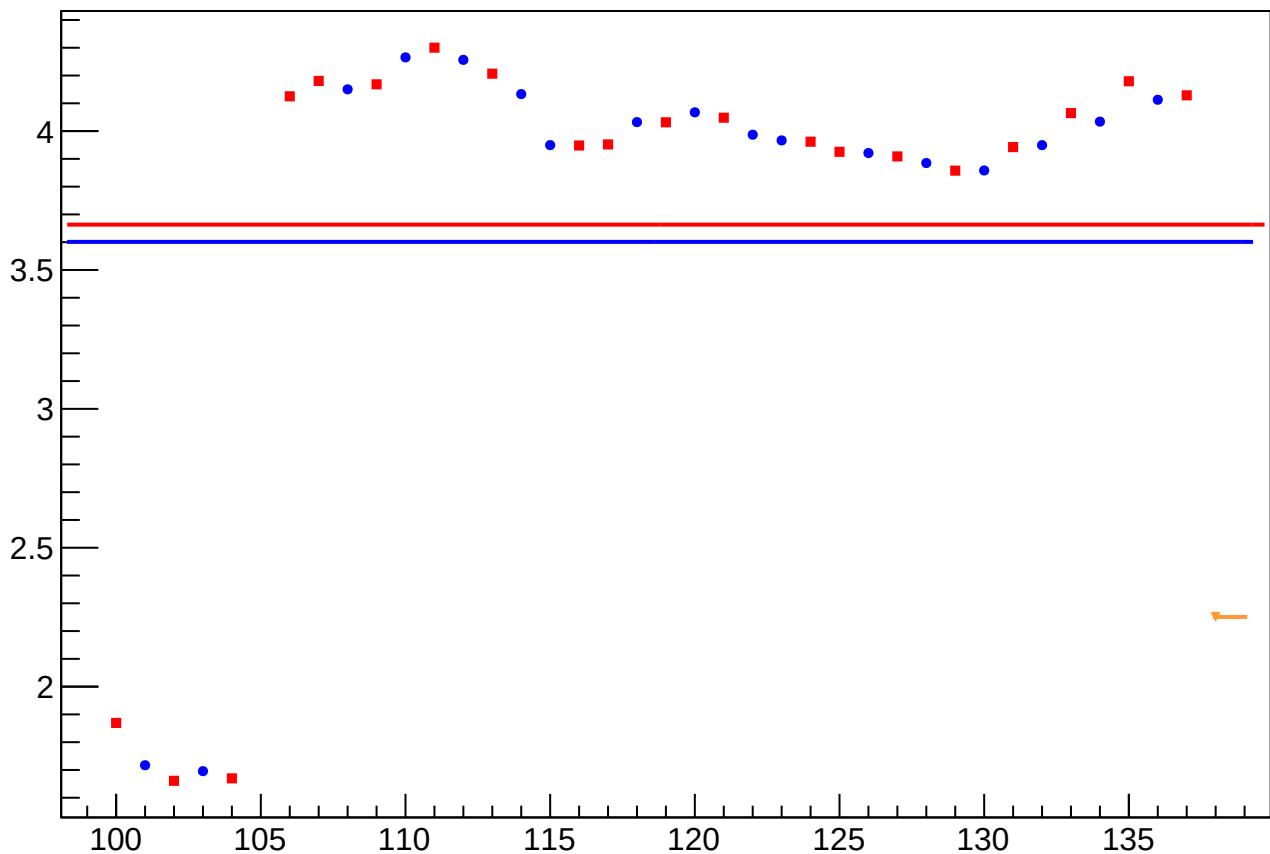
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 169307.1/17

0.007 $\pm$ 0.000 χ^2 /NDF: 359090.0/37

0.007 $\pm$ 0.000 χ^2 /NDF: 187869.7/19

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.601+/-0.000 χ^2/NDF : 185806937655.3/16

Left Out: 2.251+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.663+/-0.000 χ^2/NDF : 192640409625.9/19

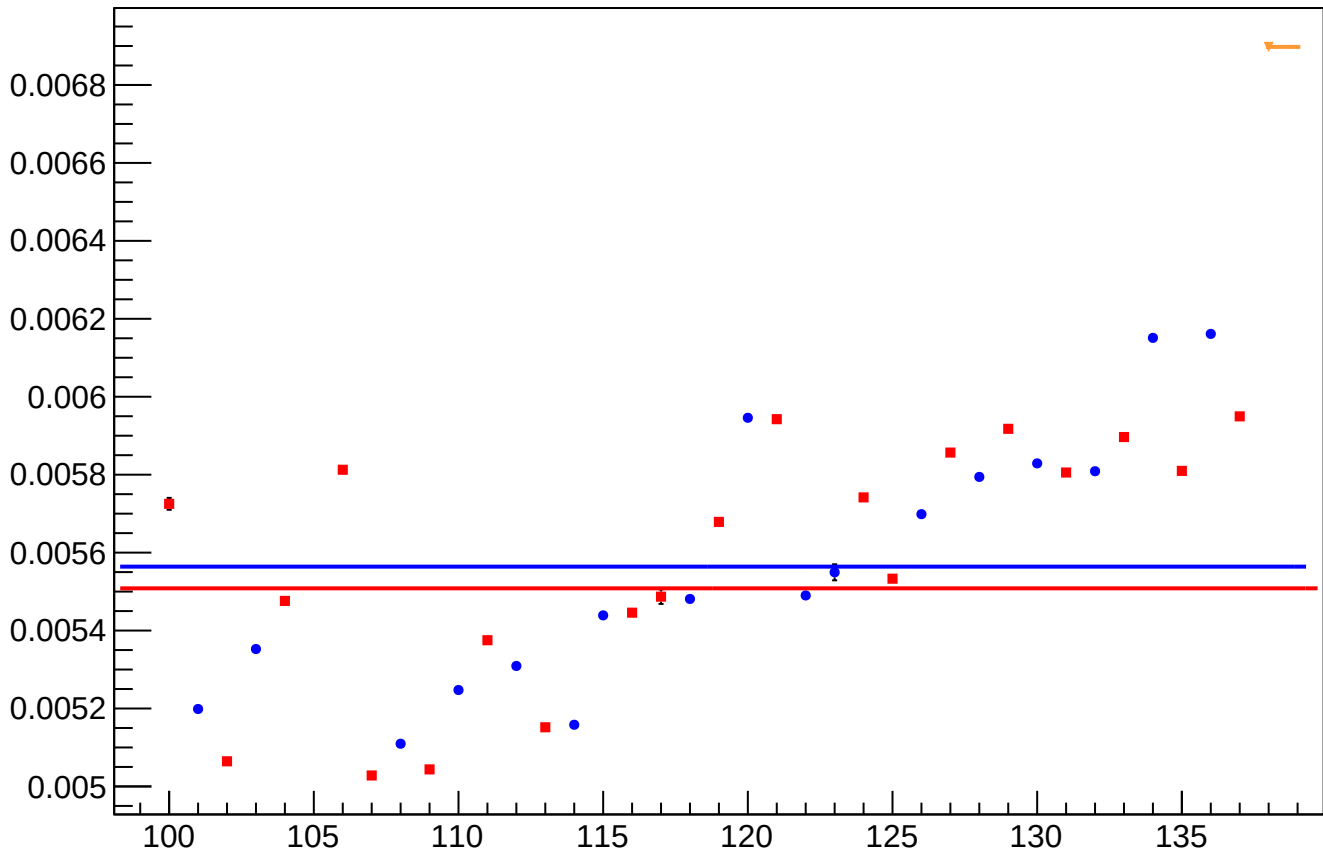
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.512+/-0.000 χ^2/NDF : 211704923976.4/17

3.588+/-0.000 χ^2/NDF : 406975570789.6/19

3.663+/-0.000 χ^2/NDF : 192640409625.9/19

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 52636.1/19

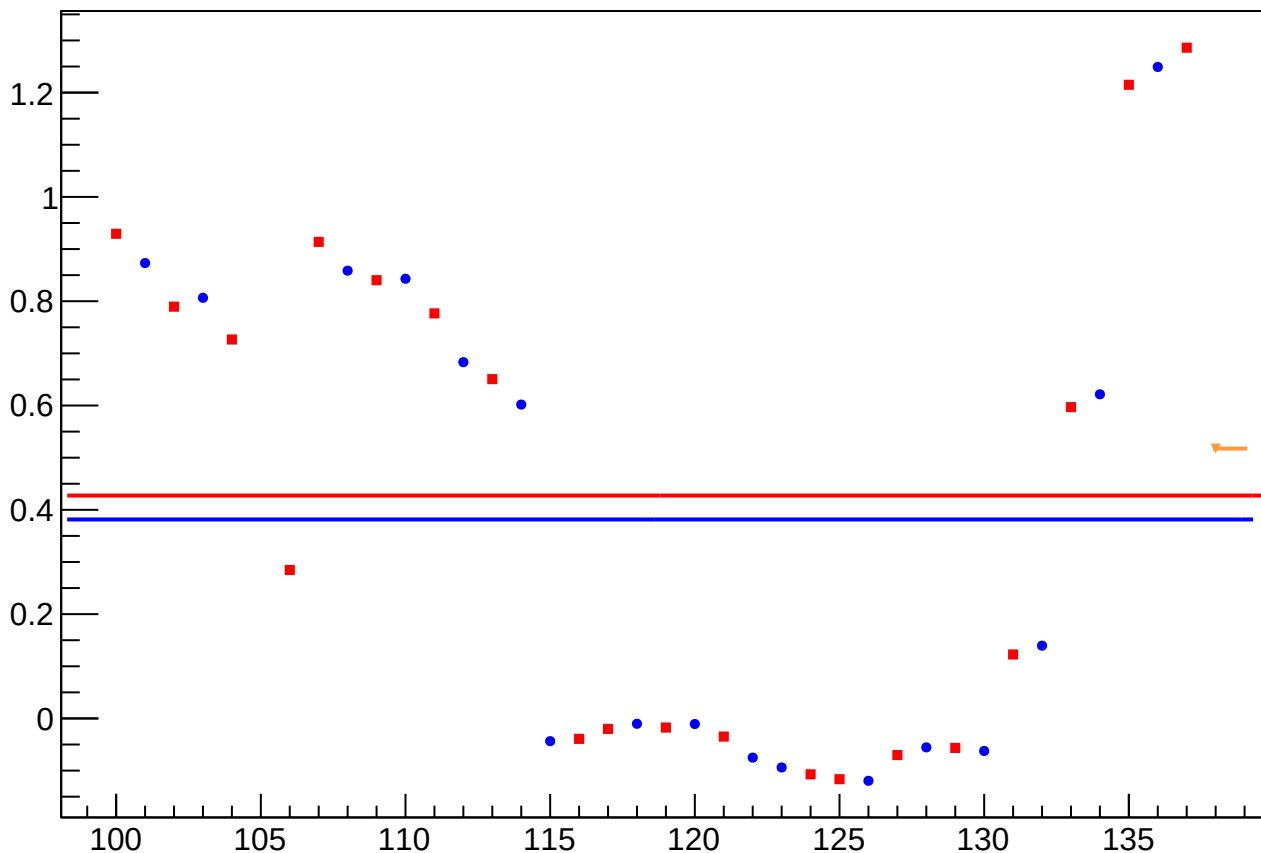
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 98116.7/17

0.006+/-0.000 χ^2/NDF : 155502.9/37

0.006+/-0.000 χ^2/NDF : 52636.1/19

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.000 χ^2 /NDF: 7124759123.1/16

Left Out: 0.517 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.427 $\pm$ 0.000 χ^2 /NDF: 6716521382.4/19

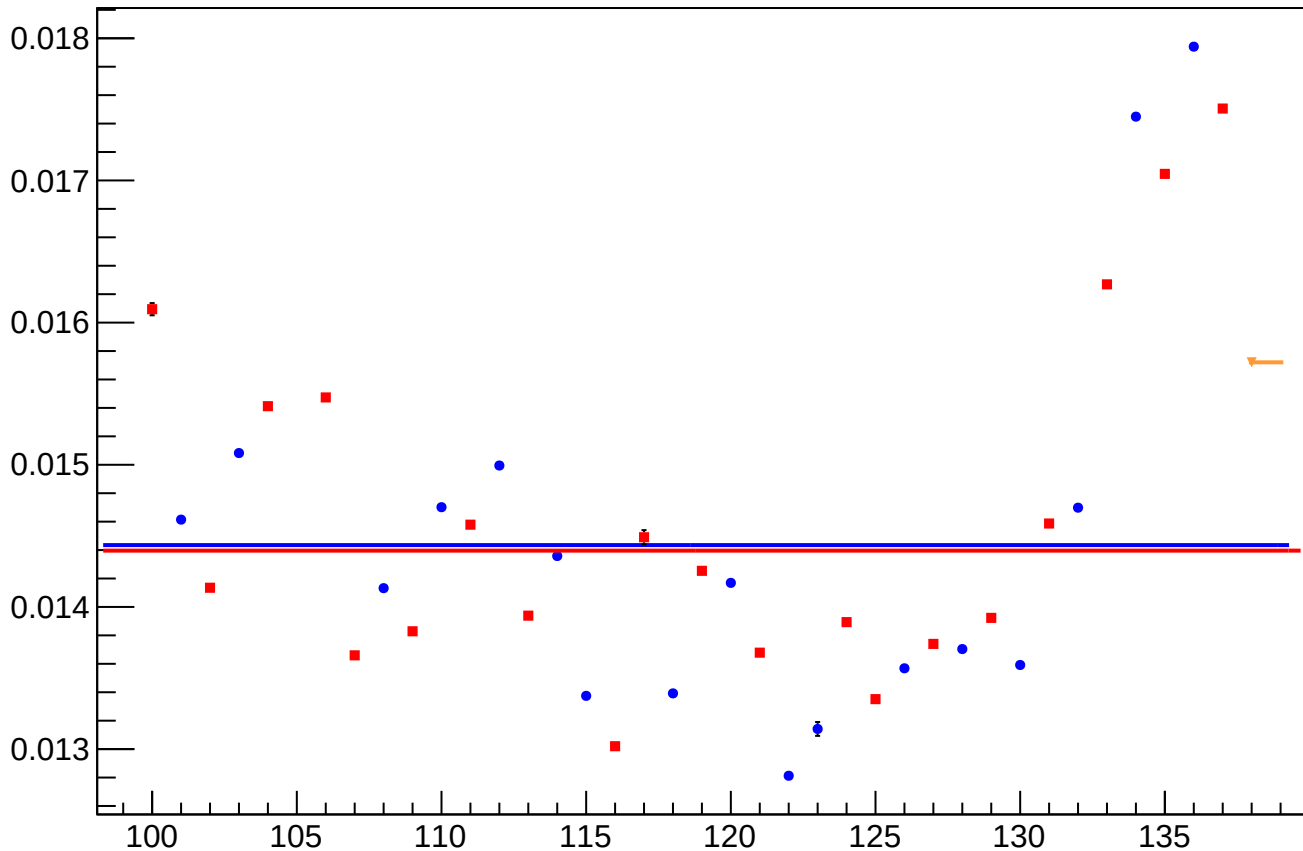
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.393 $\pm$ 0.000 χ^2 /NDF: 7174063593.8/17

0.410 $\pm$ 0.000 χ^2 /NDF: 13910880840.4/3

0.427 $\pm$ 0.000 χ^2 /NDF: 6716521382.4/19

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 110224.4/16

Left Out: 0.016+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 74535.1/19

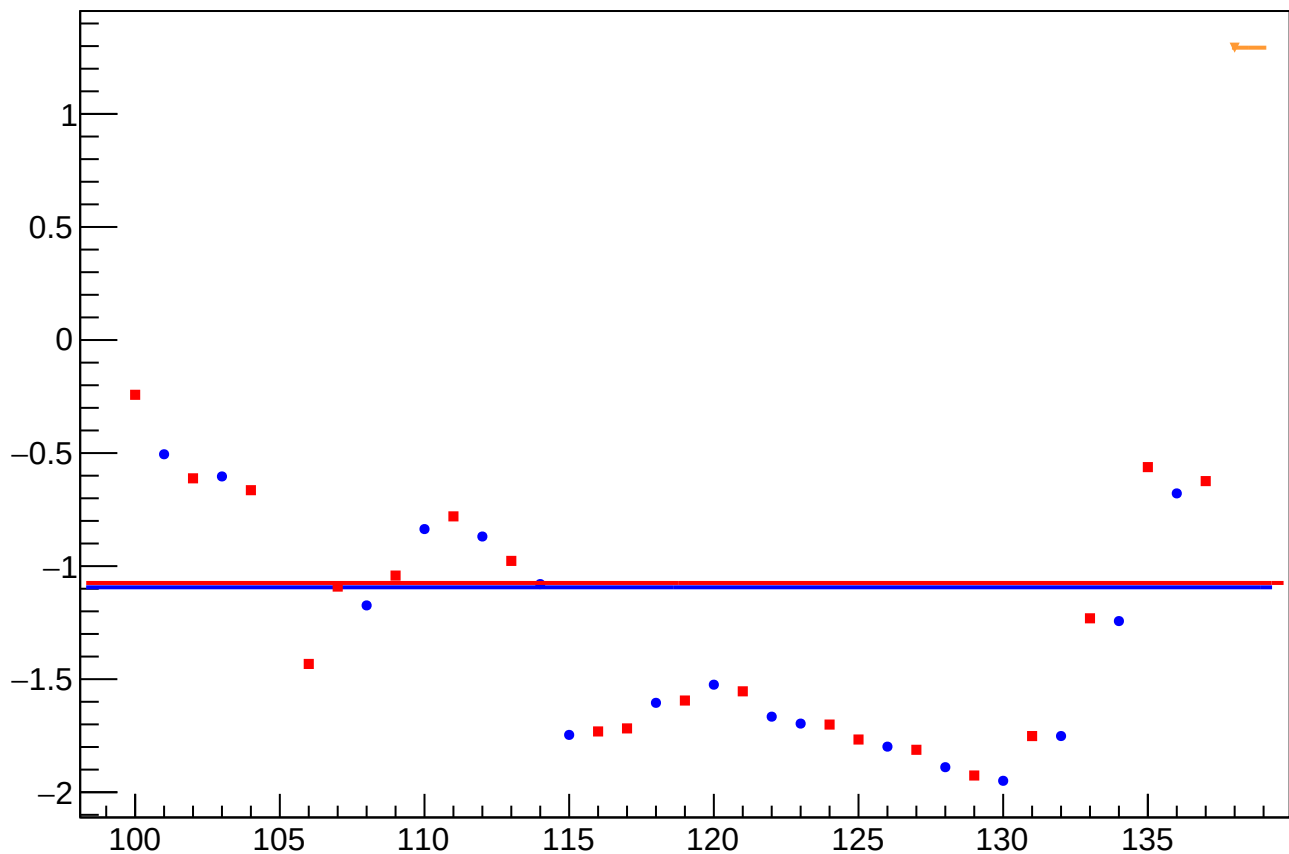
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 119050.5/17

0.014+/-0.000 χ^2/NDF : 194322.5/37

0.014+/-0.000 χ^2/NDF : 74535.1/19

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.094+/-0.000 χ^2 /NDF: 55960104370.4/16

Left Out: 1.293+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.074+/-0.000 χ^2 /NDF: 47208439320.8/19

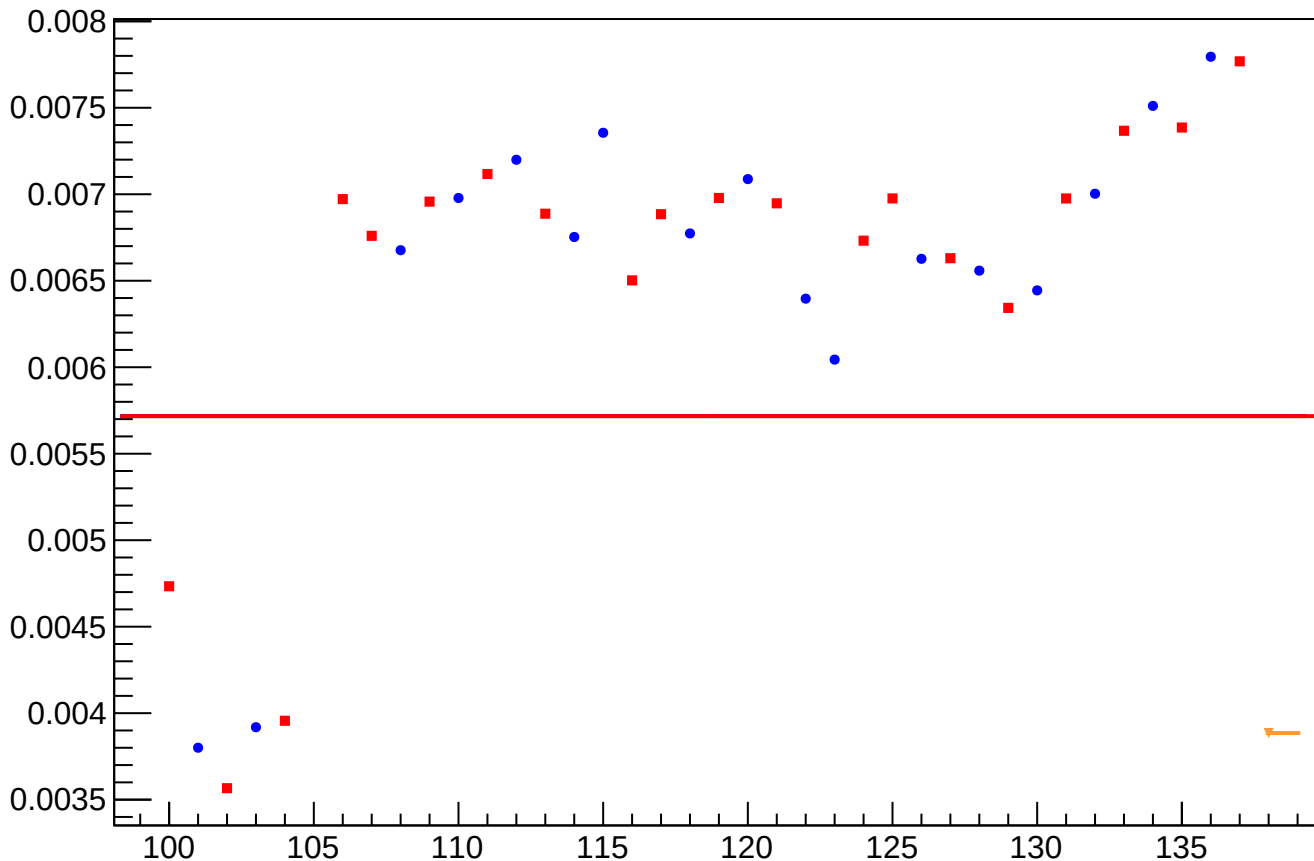
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.610+/-0.000 χ^2 /NDF: 265546362609.0/17

-0.821+/-0.000 χ^2 /NDF: 335050950121.0

-1.074+/-0.000 χ^2 /NDF: 47208439320.8/19

yield_bpm1i06Y_rms vs Slug, Sign Corrected



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

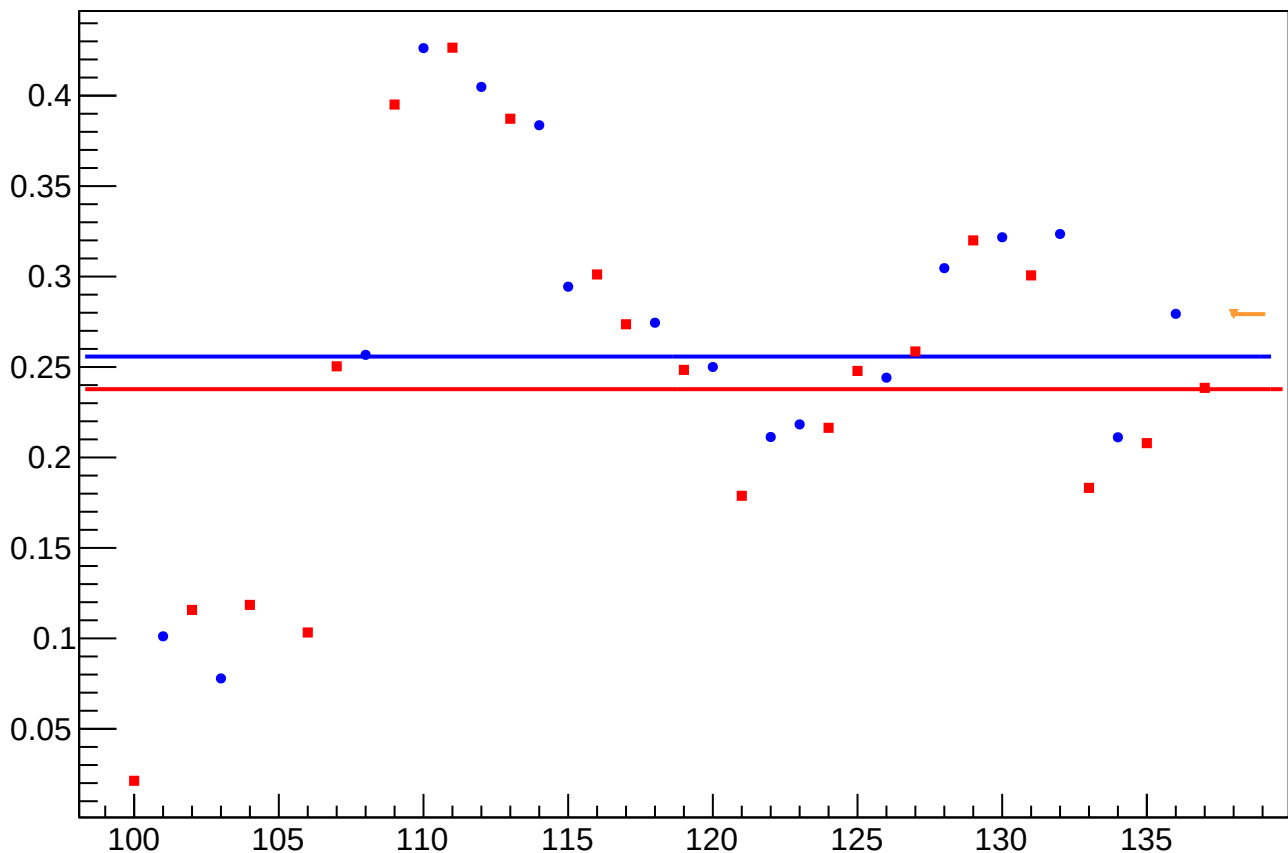
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1084829.6/17

0.006+/-0.000 χ^2/NDF : 2039234.5/37

0.006+/-0.000 χ^2/NDF : 925957.4/19

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.256 $\pm$ 0.000 χ^2 /NDF: 21365489849.4/16

Left Out: 0.279 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.238 $\pm$ 0.000 χ^2 /NDF: 26077768189.7/19

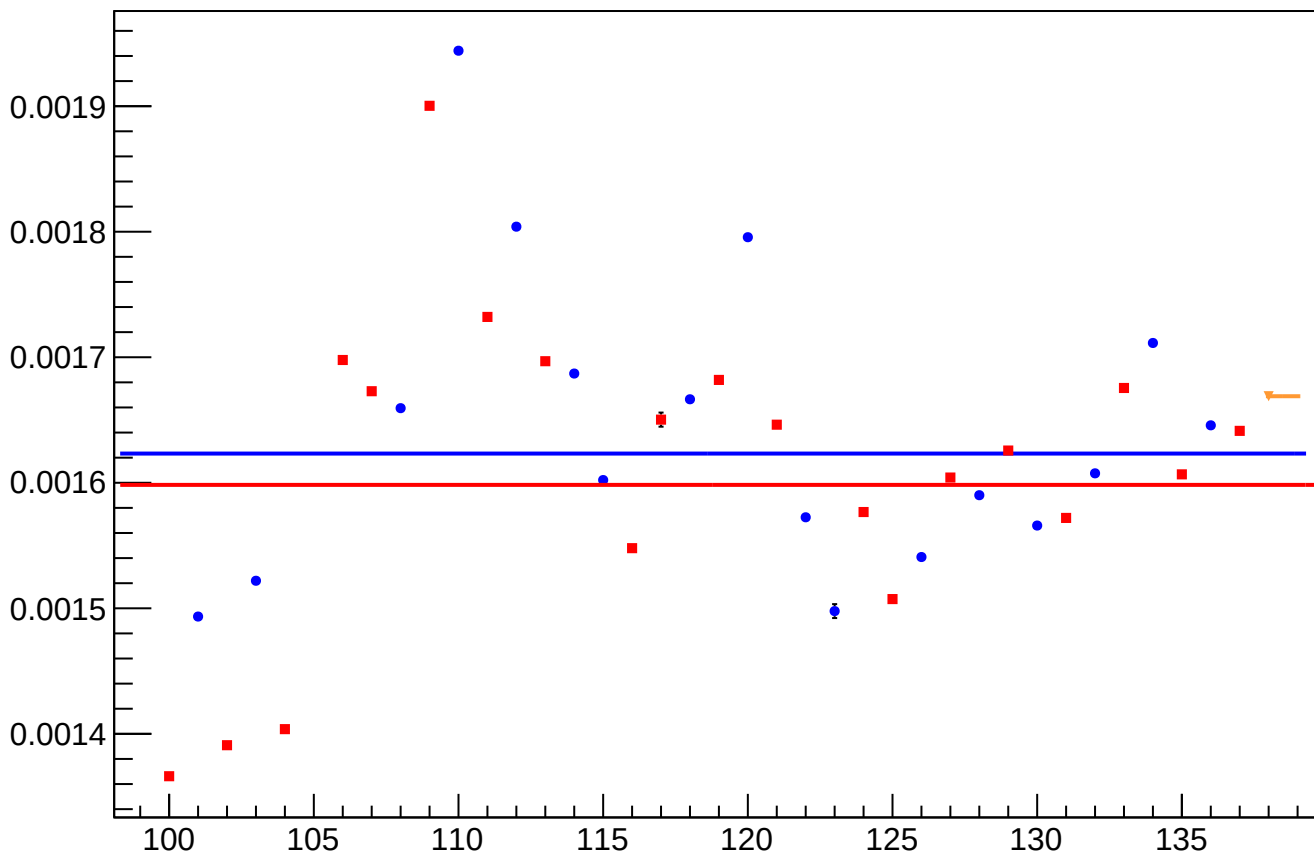
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.258 $\pm$ 0.000 χ^2 /NDF: 21495742868.4/17

0.248 $\pm$ 0.000 χ^2 /NDF: 48134803193.2/3

0.238 $\pm$ 0.000 χ^2 /NDF: 26077768189.7/19

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 52468.7/16

Left Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 90764.4/19

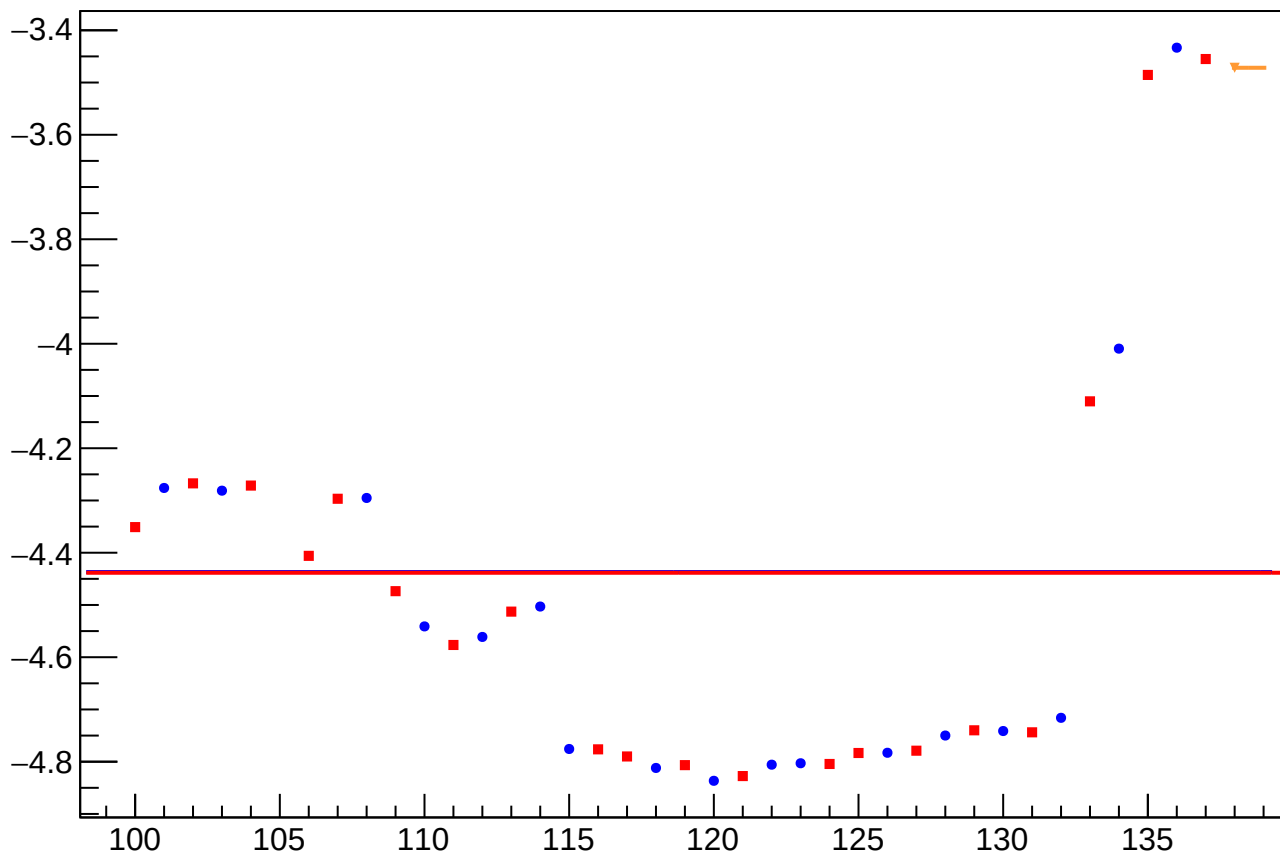
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 53455.7/17

0.002+/-0.000 χ^2/NDF : 146569.2/37

0.002+/-0.000 χ^2/NDF : 90764.4/19

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.437+/-0.000 χ^2/NDF : 392812415429.0/16

Left Out: -3.472+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.438+/-0.000 χ^2/NDF : 326800745779.7/19

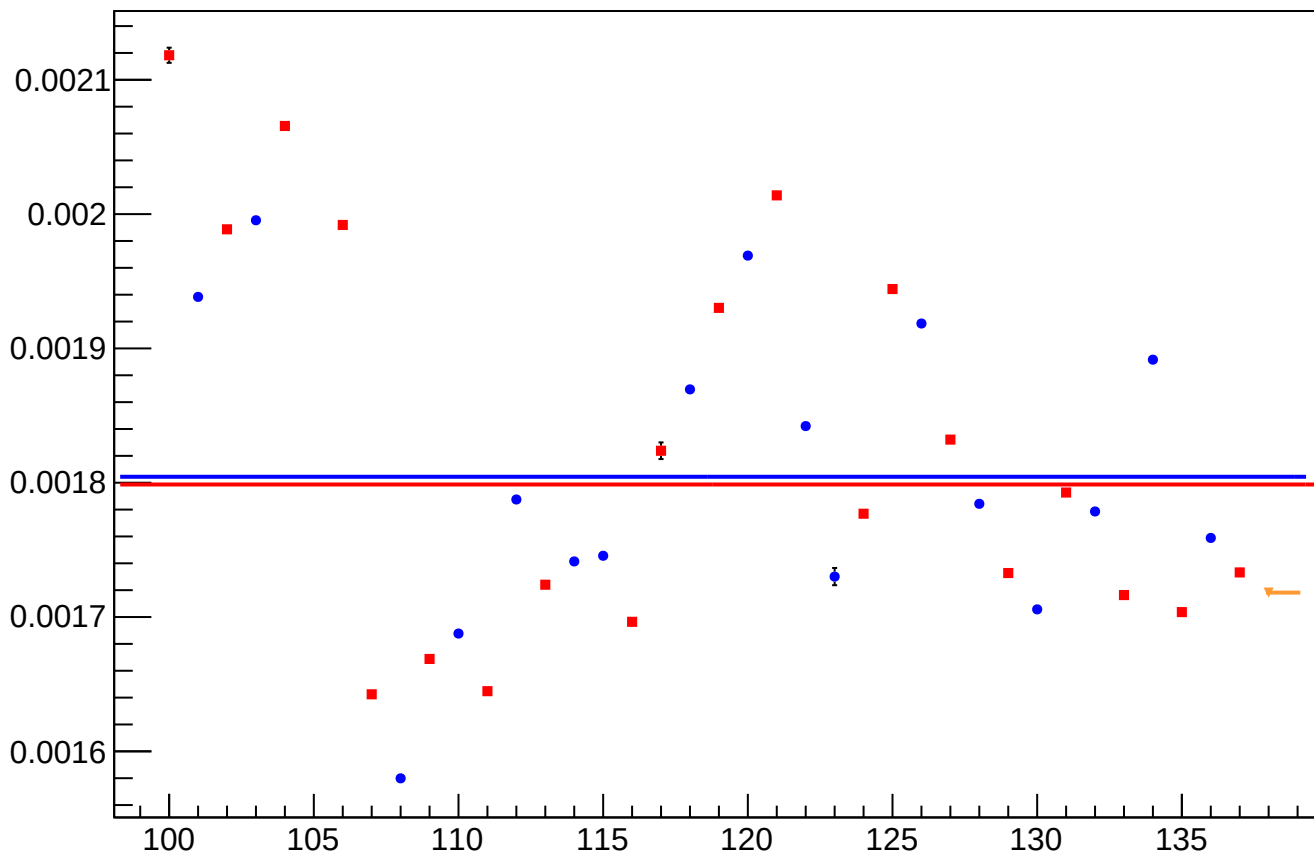
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.336+/-0.000 χ^2/NDF : 587679974781.2/17

-4.386+/-0.000 χ^2/NDF : 925927909805.4

-4.438+/-0.000 χ^2/NDF : 326800745779.7/19

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49103.2/16

Left Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 81037.5/19

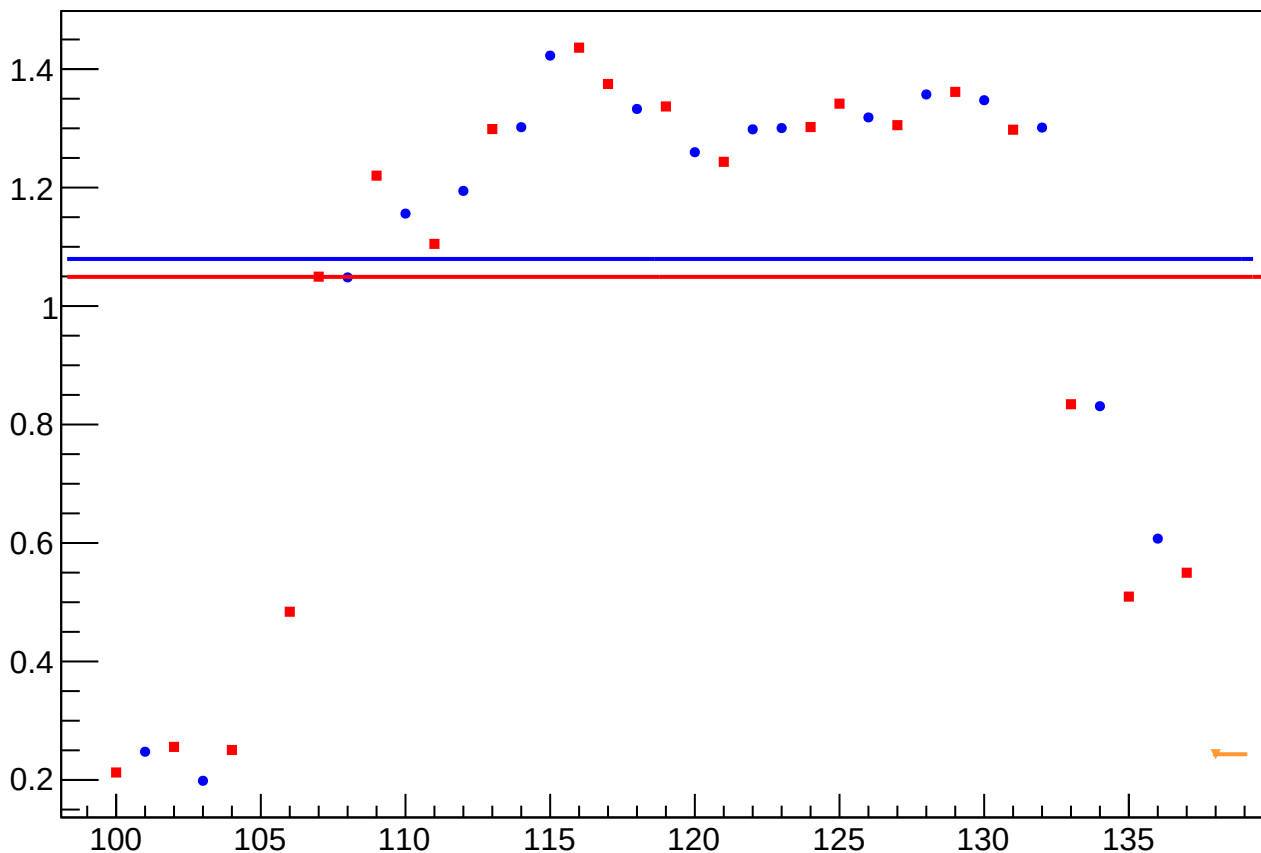
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 52214.5/17

0.002+/-0.000 χ^2/NDF : 133275.4/37

0.002+/-0.000 χ^2/NDF : 81037.5/19

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.080+/-0.000 χ^2/NDF : 17533321220.5/16

Left Out: 0.243+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.049+/-0.000 χ^2/NDF : 19787986428.4/19

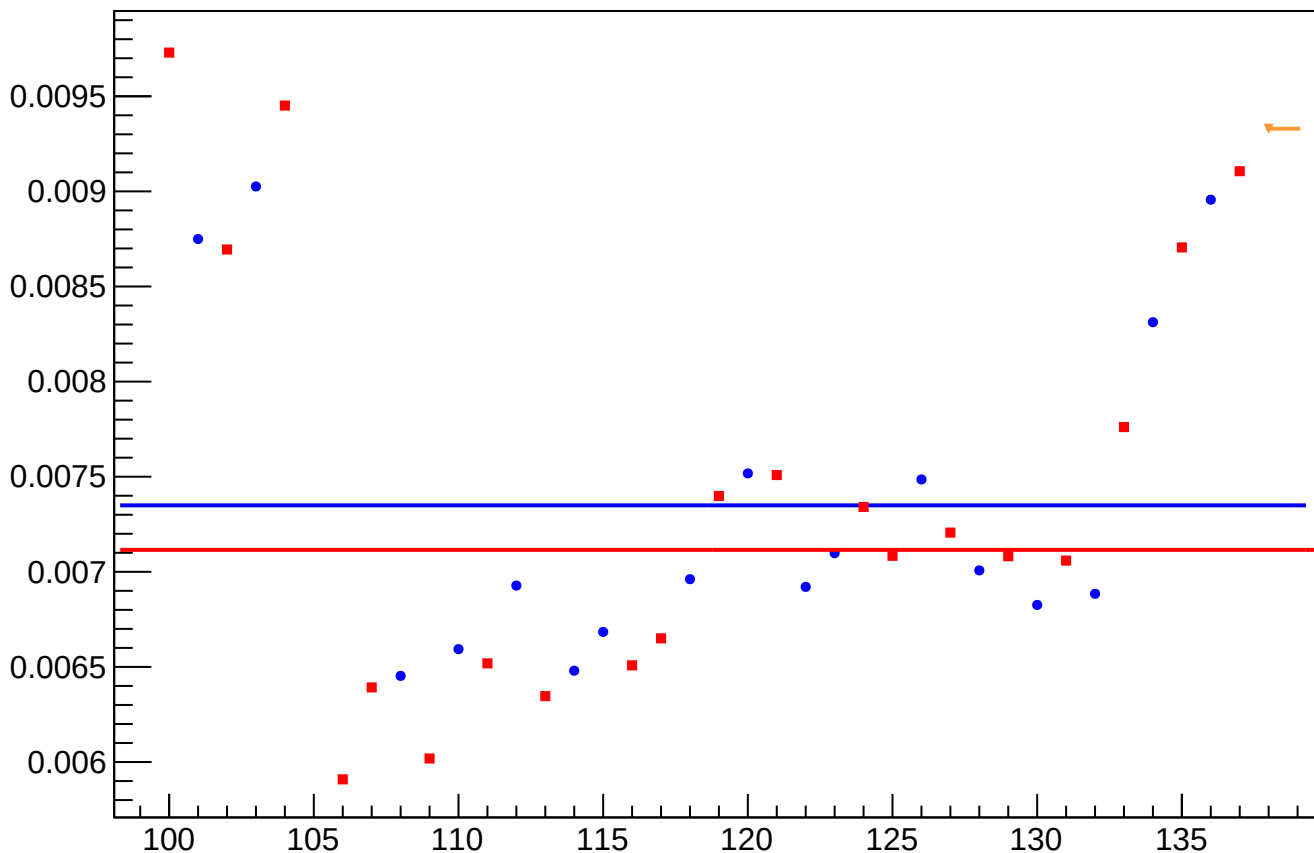
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.026+/-0.000 χ^2/NDF : 22974324193.1/17

1.038+/-0.000 χ^2/NDF : 42797749176.1/3

1.049+/-0.000 χ^2/NDF : 19787986428.4/19

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 180818.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 259539.3/19

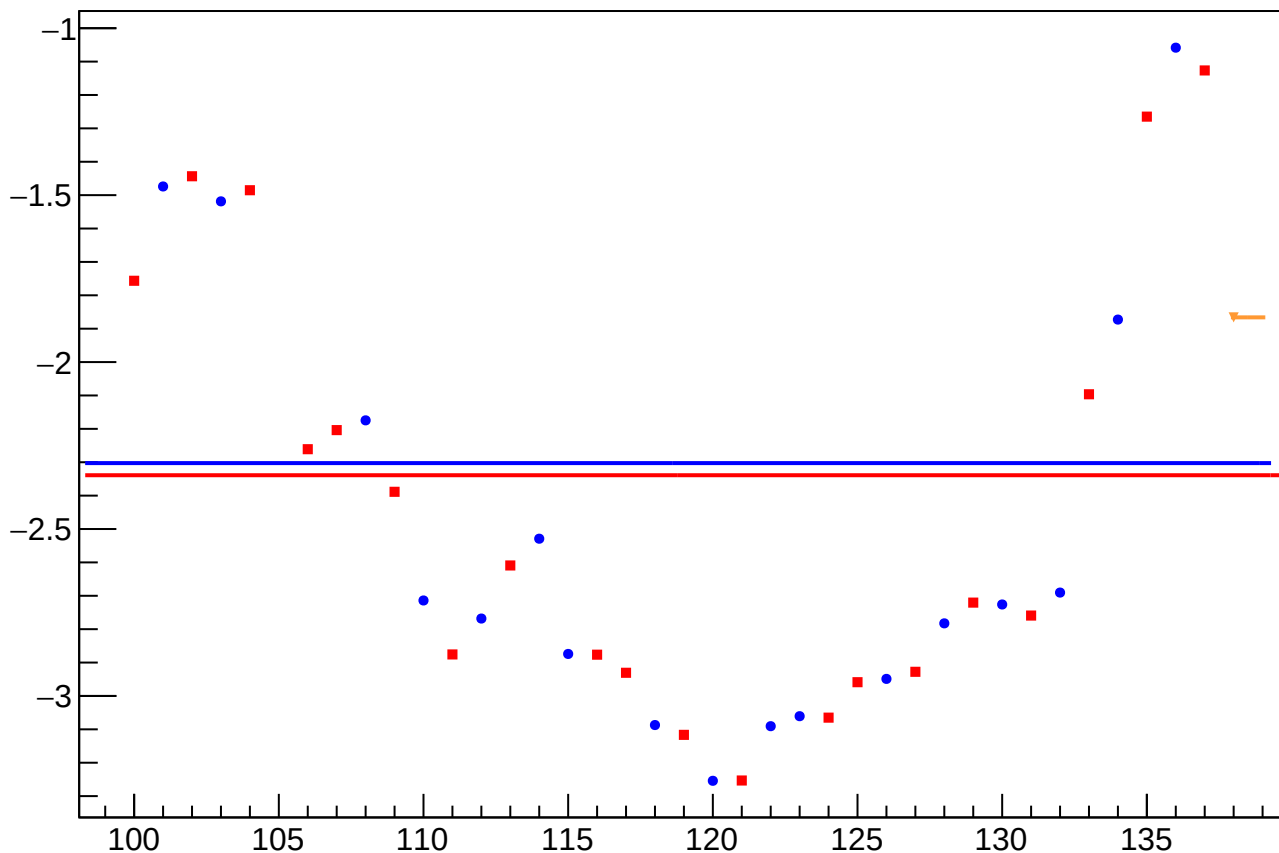
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 241861.8/17

0.007+/-0.000 χ^2/NDF : 518834.1/37

0.007+/-0.000 χ^2/NDF : 259539.3/19

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.303 ± 0.000 χ^2/NDF : 73755914805.8/16

Left Out: -1.866 ± 0.000 χ^2/NDF : 0.0/0

-2.273 ± 0.000 χ^2/NDF : 75623269967.3/17

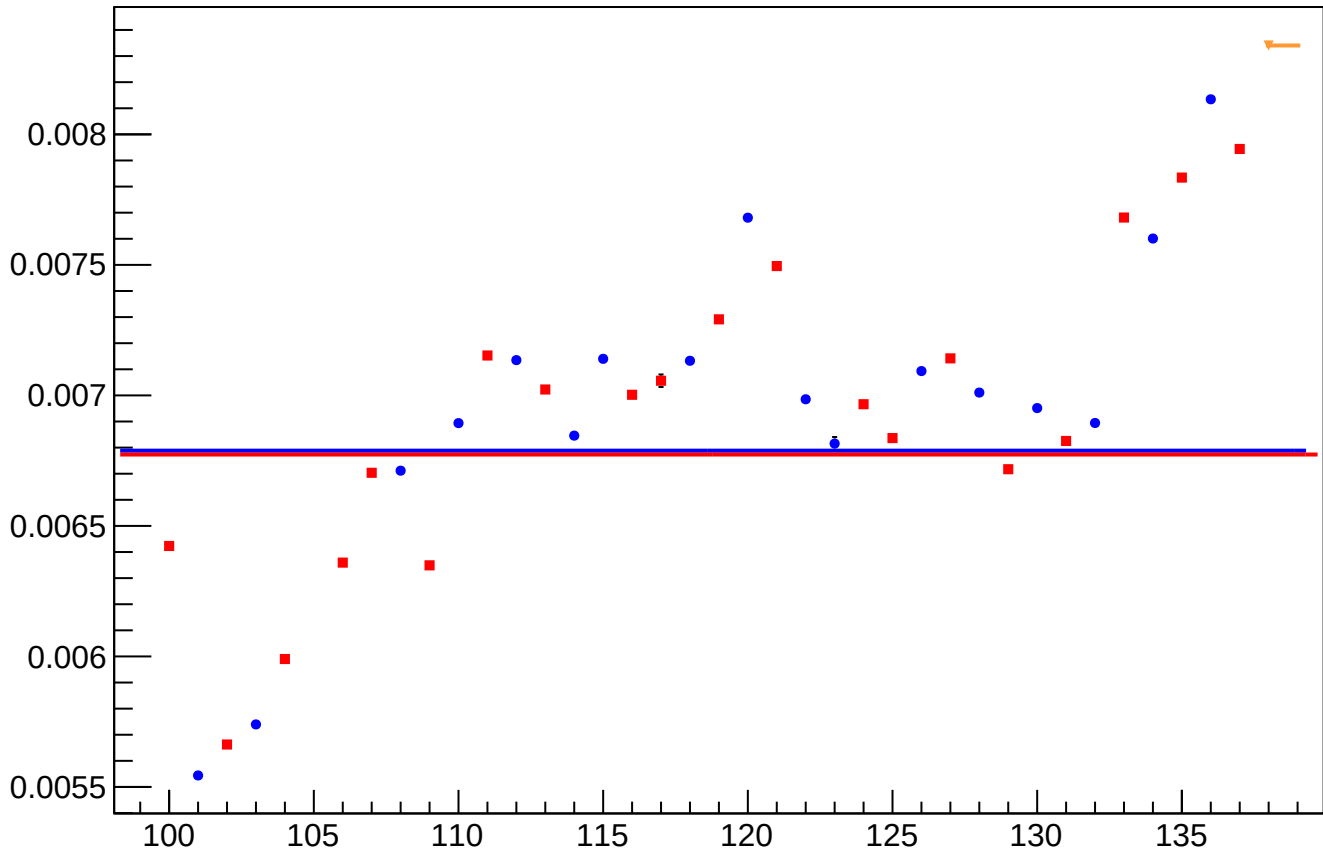
Right Out: -2.339 ± 0.000 χ^2/NDF : 64804828308.5/19

-2.306 ± 0.000 χ^2/NDF : 140765289737.5

-2.339 ± 0.000 χ^2/NDF : 64804828308.5/19

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 165199.2/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 123383.6/19

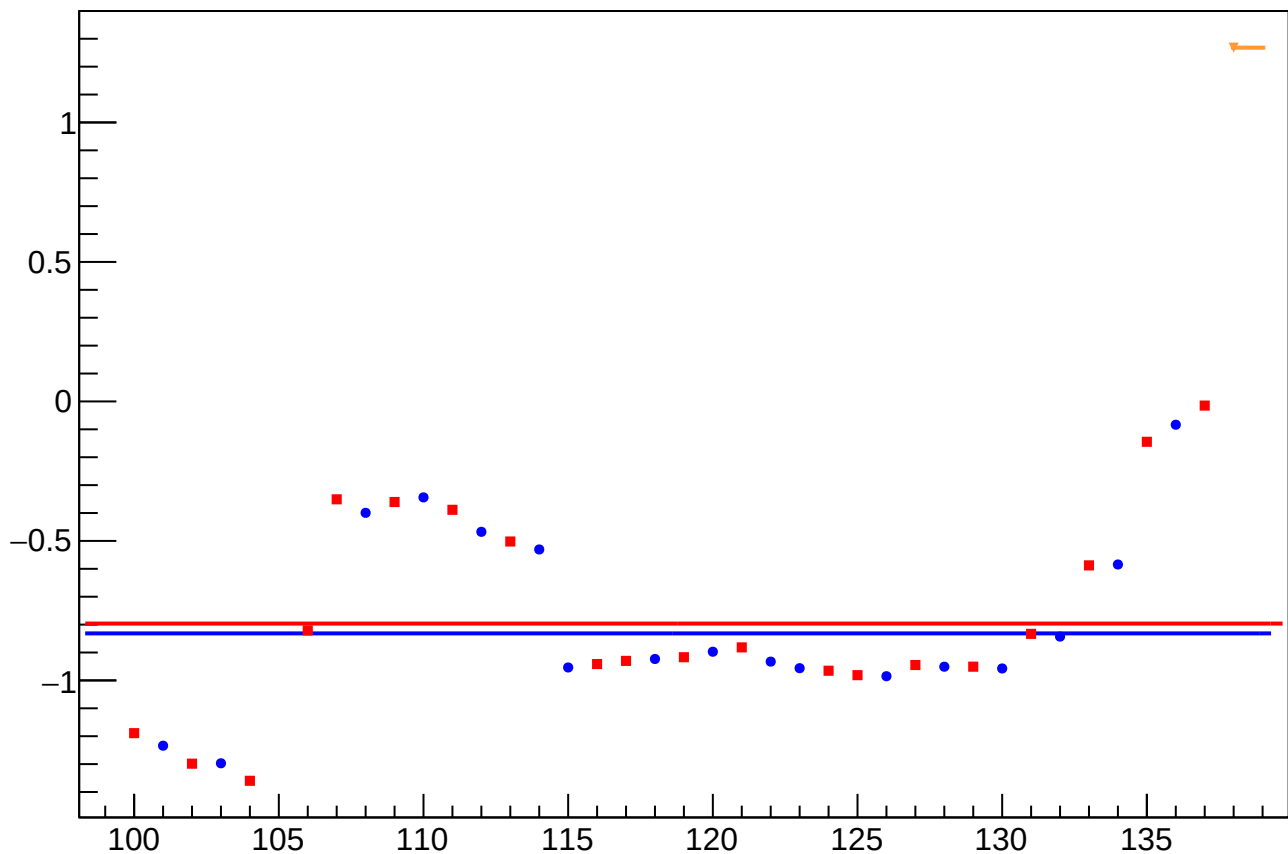
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 212428.9/17

0.007+/-0.000 χ^2/NDF : 338056.6/37

0.007+/-0.000 χ^2/NDF : 123383.6/19

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831 ± 0.000 χ^2/NDF : 6692170860.9/16

Left Out: 1.268 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.796 ± 0.000 χ^2/NDF : 7827622544.3/19

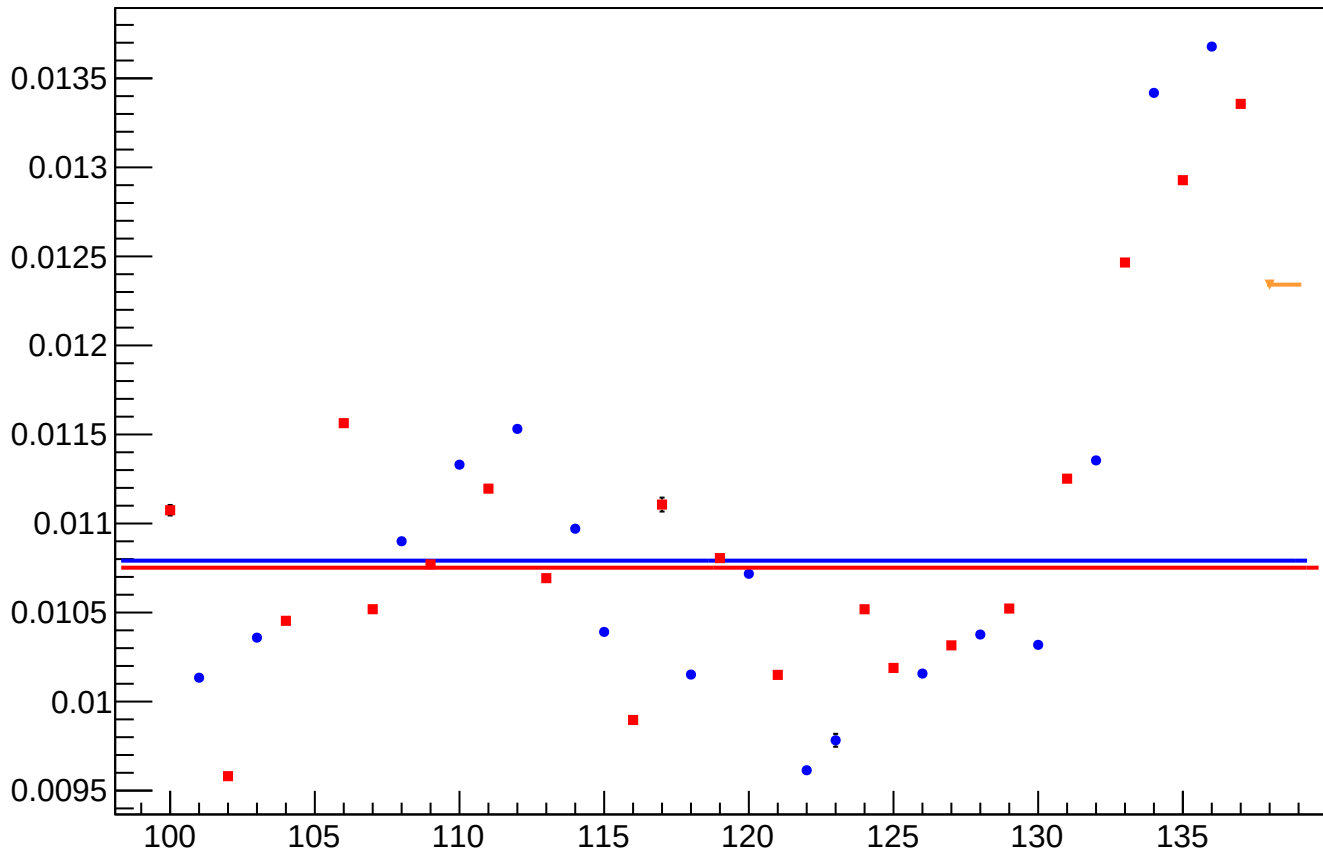
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.668 ± 0.000 χ^2/NDF : 26002236367.1/17

-0.732 ± 0.000 χ^2/NDF : 34324354846.0/17

-0.796 ± 0.000 χ^2/NDF : 7827622544.3/19

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 125802.4/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

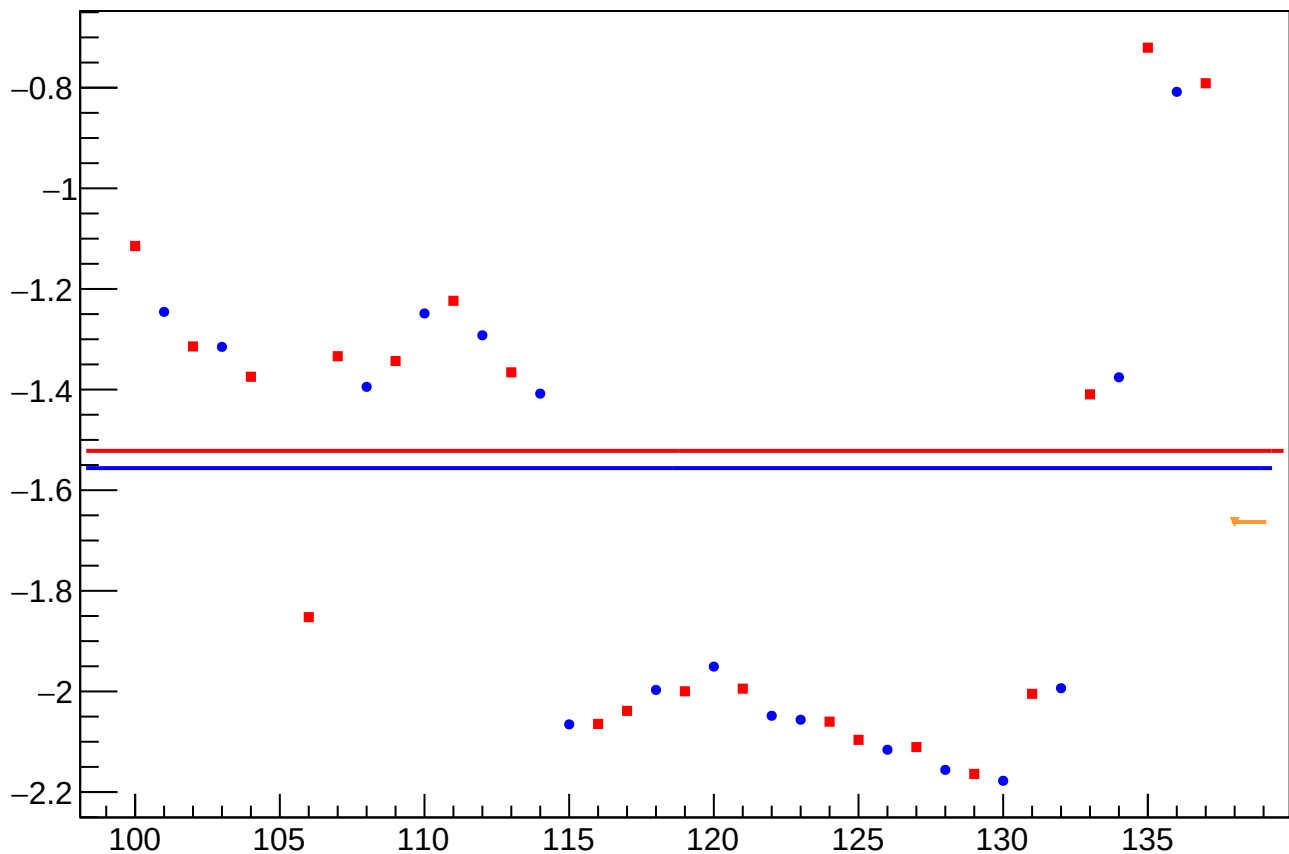
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 146853.6/17

0.011+/-0.000 χ^2/NDF : 238705.1/37

0.011+/-0.000 χ^2/NDF : 90303.3/19

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.556+/-0.000 χ^2/NDF : 154972763568.8/16

Left Out: -1.663+/-0.000 χ^2/NDF : 0.0/0

-1.568+/-0.000 χ^2/NDF : 156033621082.7/17

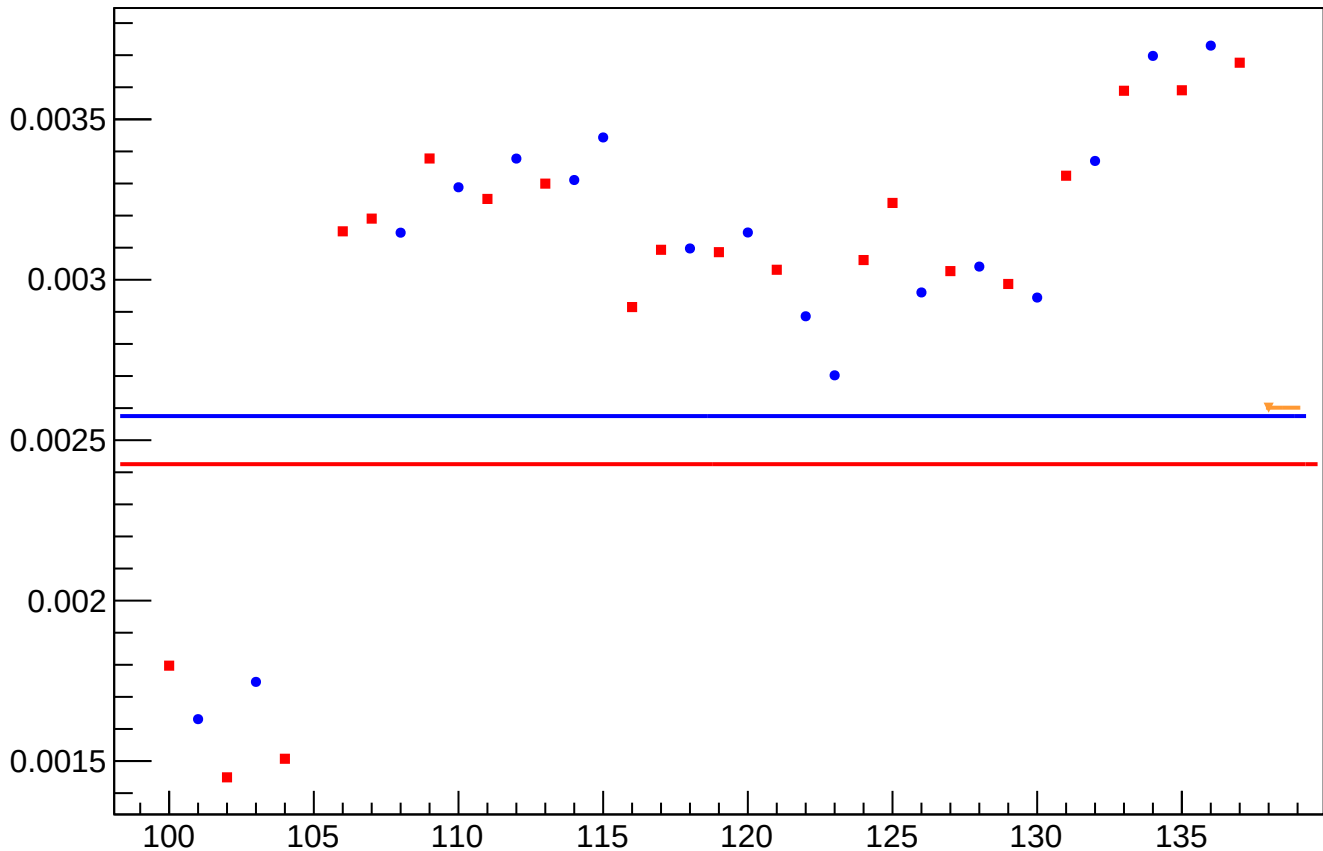
Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

-1.545+/-0.000 χ^2/NDF : 296434704437.1

-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, Sign Corrected



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

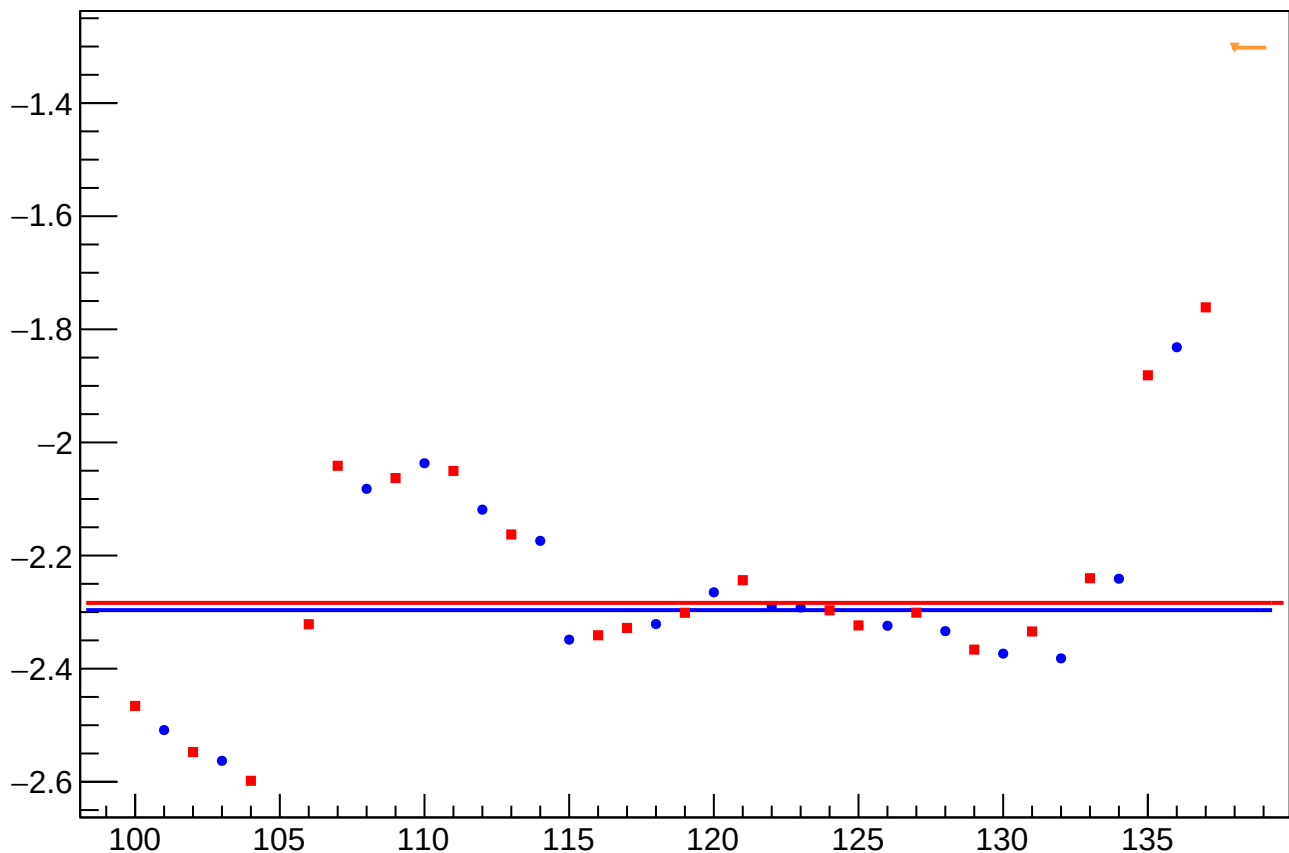
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 1013960.6/17

0.003+/-0.000 χ^2/NDF : 2529641.5/37

0.002+/-0.000 χ^2/NDF : 1493210.7/19

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.296+/-0.000 χ^2/NDF : 5782980938.4/16

Left Out: -1.302+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.284+/-0.000 χ^2/NDF : 6550363990.6/19

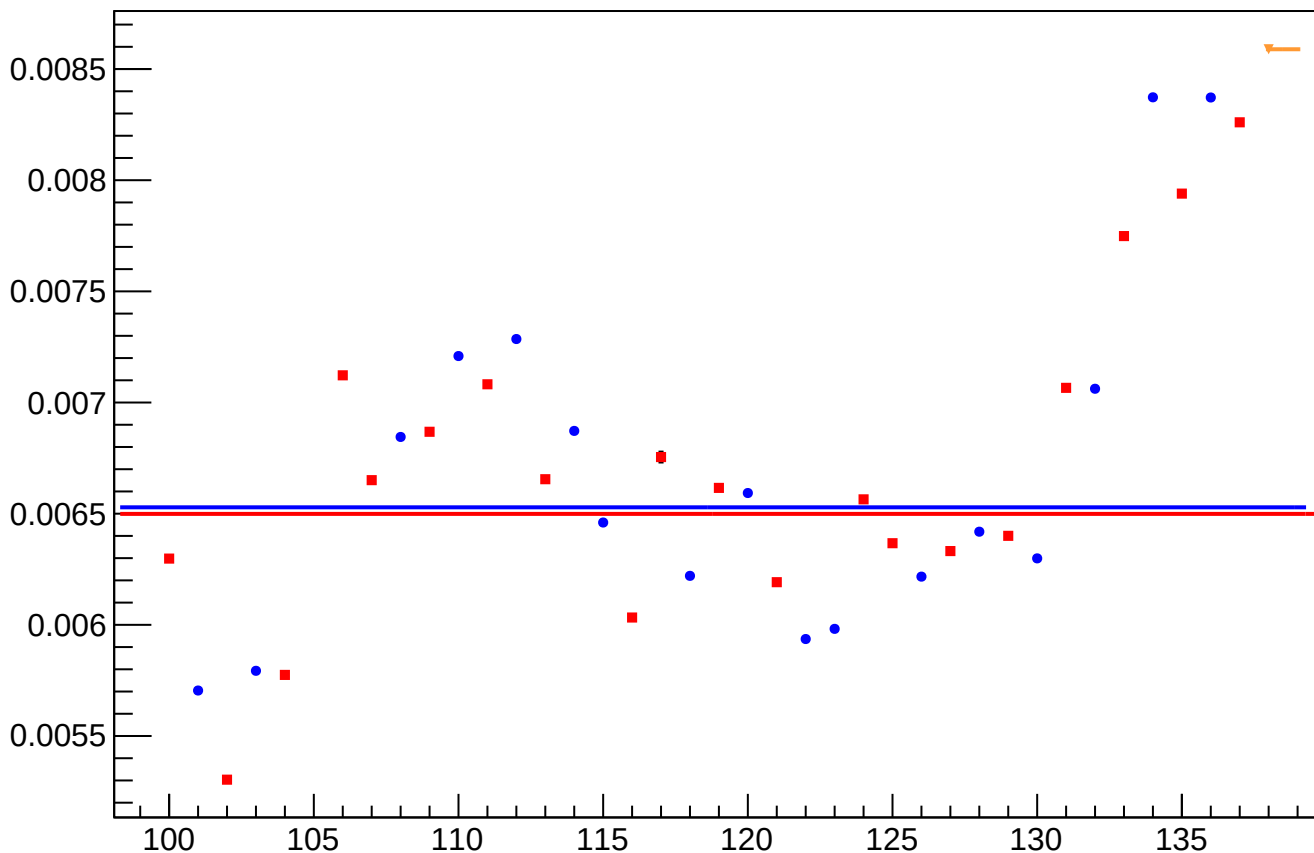
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.236+/-0.000 χ^2/NDF : 14874270546.0/17

-2.260+/-0.000 χ^2/NDF : 21606597751.5/17

-2.284+/-0.000 χ^2/NDF : 6550363990.6/19

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 176467.7/16

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 164253.8/19

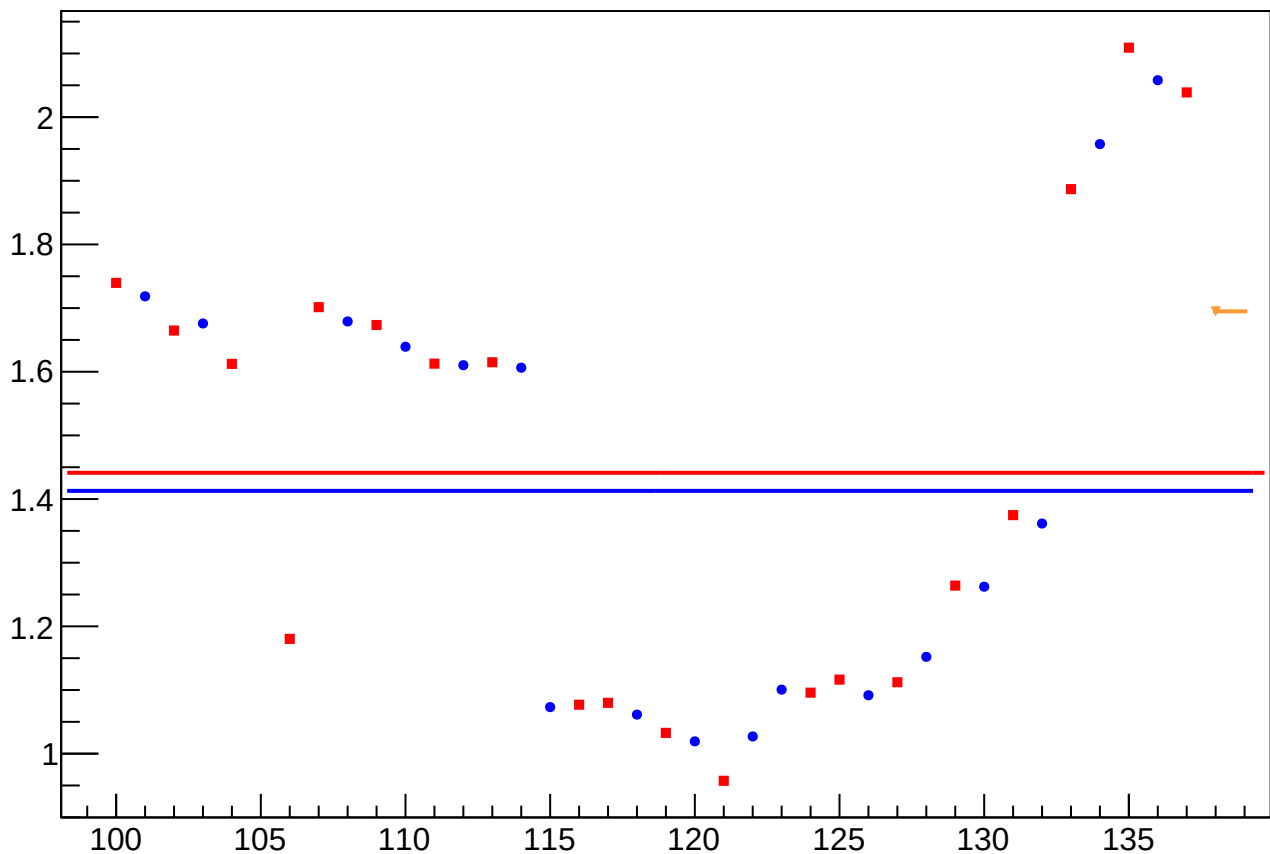
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 254523.4/17

0.007+/-0.000 χ^2/NDF : 422629.6/37

0.006+/-0.000 χ^2/NDF : 164253.8/19

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Left Out: 1.695+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

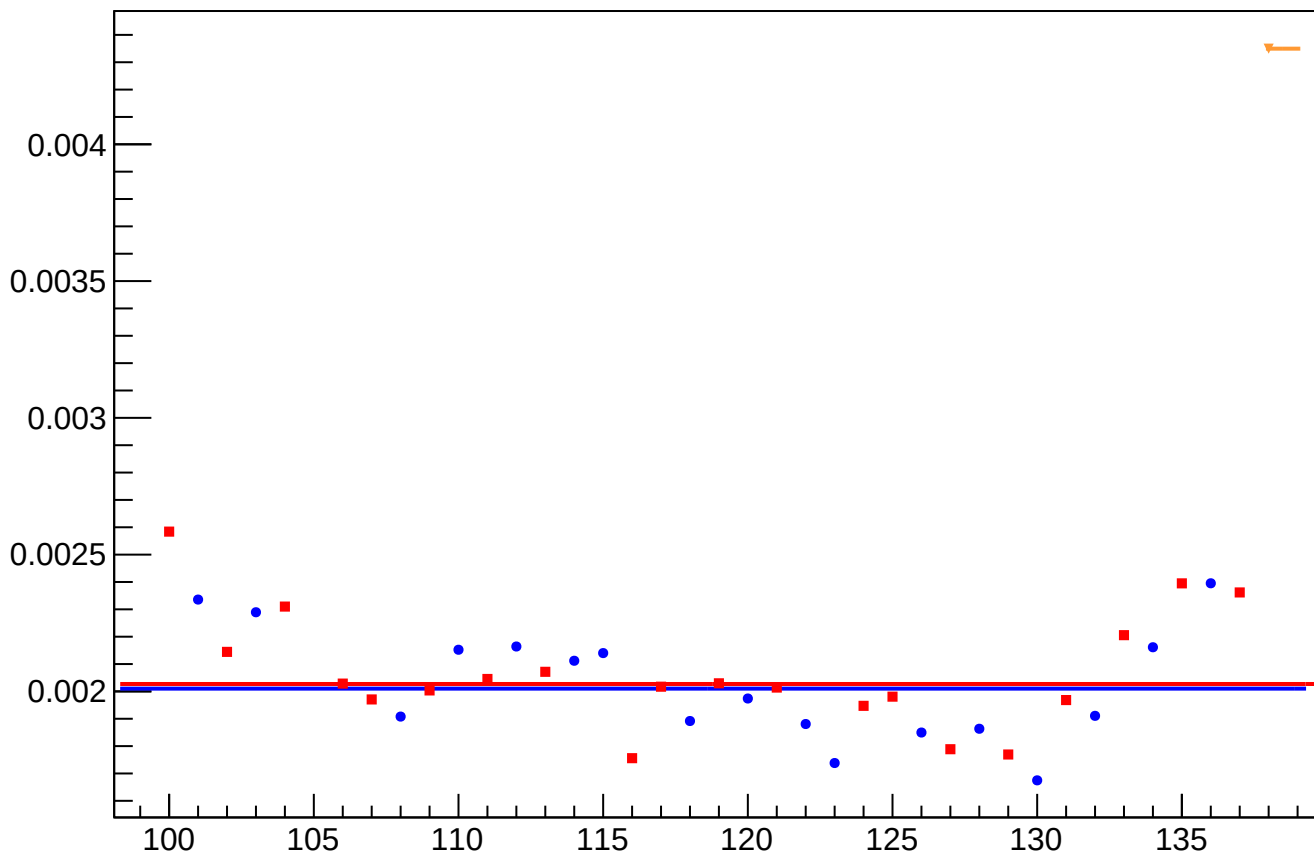
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.420+/-0.000 χ^2/NDF : 175520593165.6/17

1.431+/-0.000 χ^2/NDF : 350232730232.9/17

1.441+/-0.000 χ^2/NDF : 174346888744.4/19

yield_bpm0i01aY_rms vs Slug, Sign Corrected



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

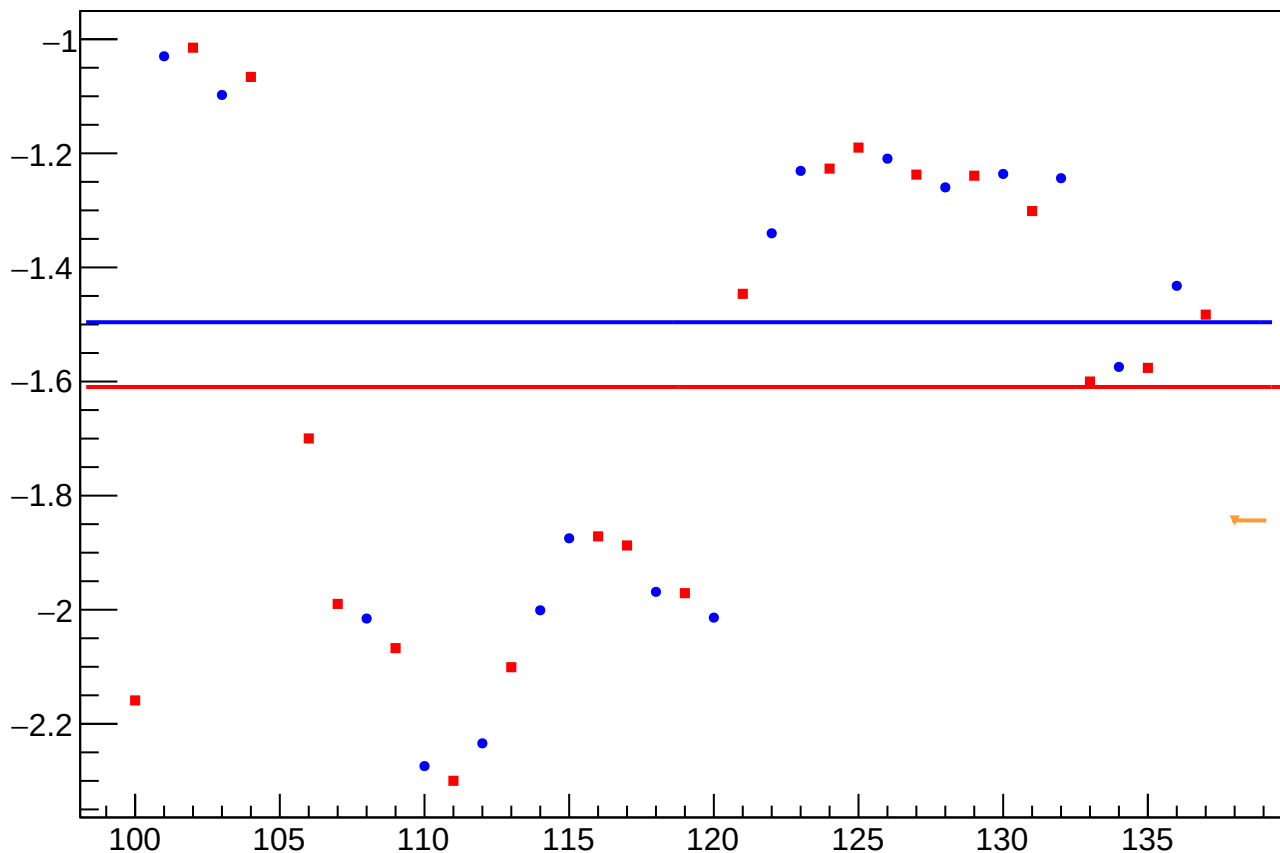
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 559920.3/17

0.002+/-0.000 χ^2/NDF : 666380.9/37

0.002+/-0.000 χ^2/NDF : 103927.8/19

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22525130000.3/16

Left Out: -1.843+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

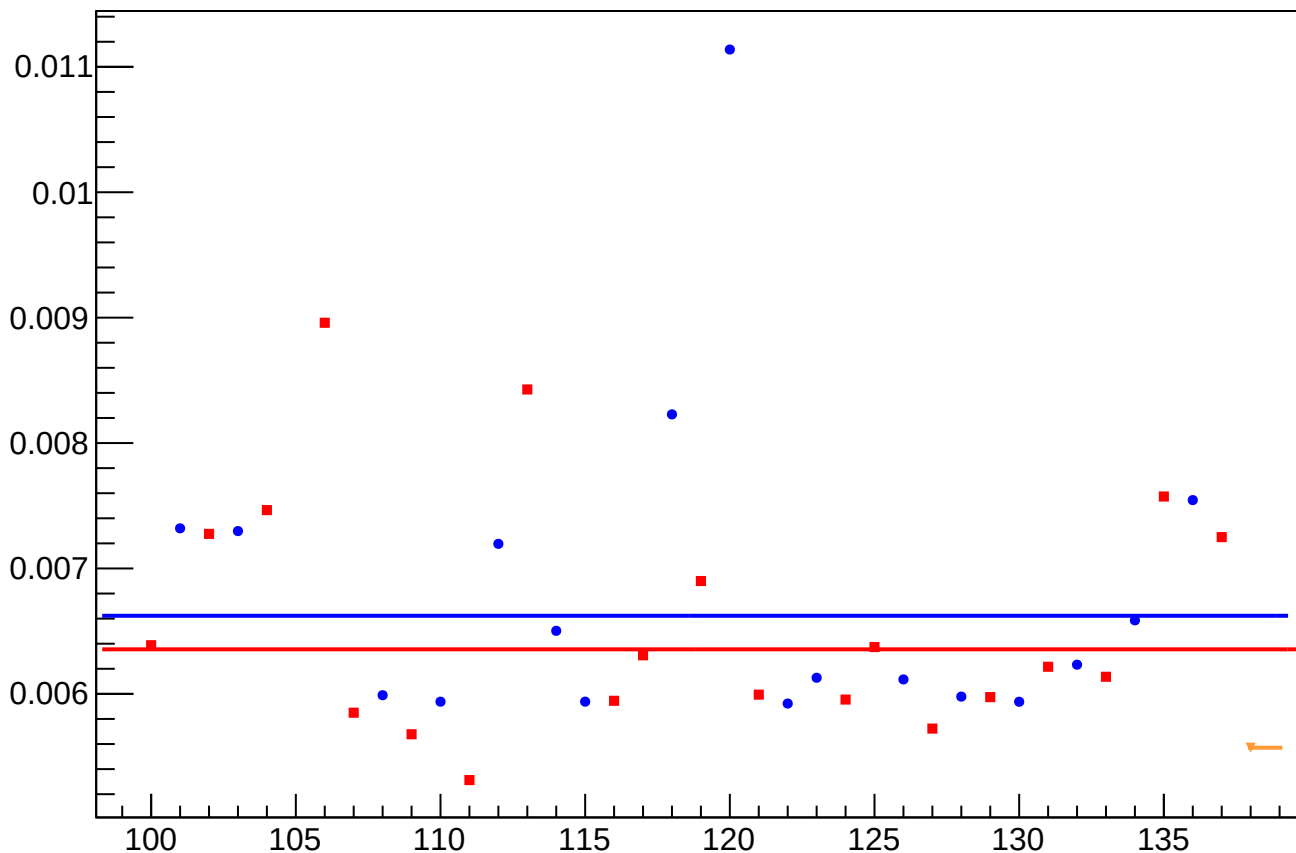
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.546+/-0.000 χ^2/NDF : 24913479506.2/17

-1.578+/-0.000 χ^2/NDF : 53167195695.6/17

-1.610+/-0.000 χ^2/NDF : 27919840690.9/19

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 232630.4/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 227865.9/19

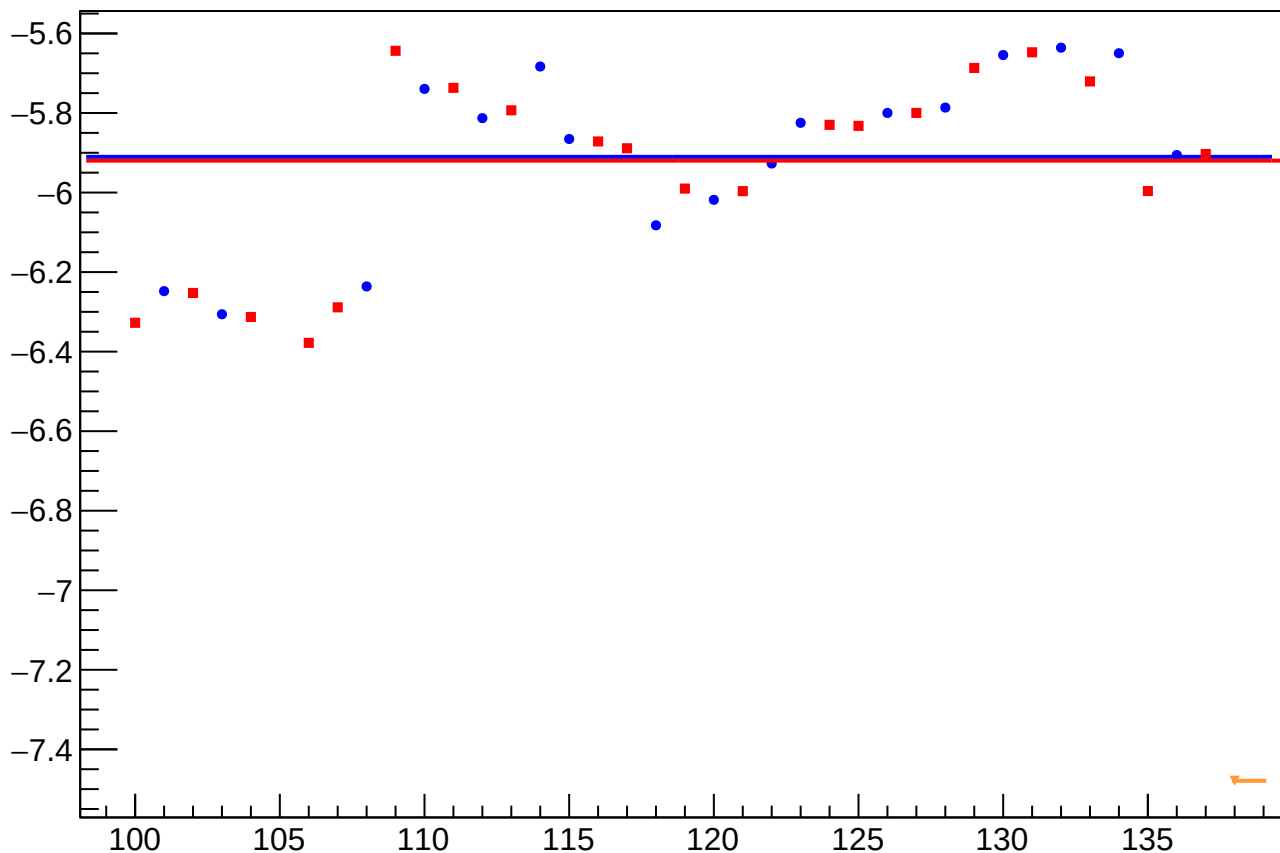
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 276435.1/17

0.006+/-0.000 χ^2/NDF : 506567.9/37

0.006+/-0.000 χ^2/NDF : 227865.9/19

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.910+/-0.000 χ^2/NDF : 11154434512.7/16

Left Out: -7.479+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.920+/-0.000 χ^2/NDF : 12786449843.6/19

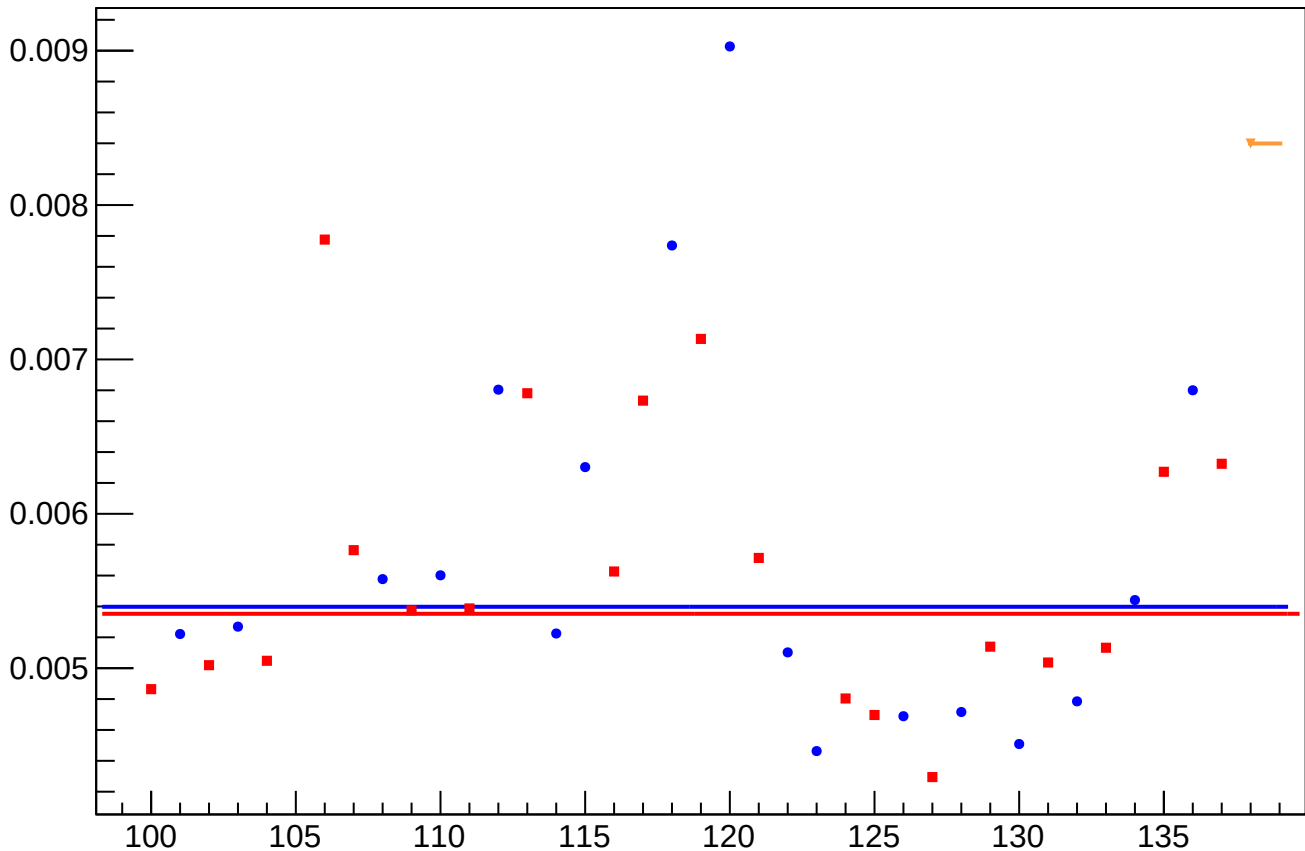
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.971+/-0.000 χ^2/NDF : 30525384696.0/17

-5.945+/-0.000 χ^2/NDF : 43597639290.8/17

-5.920+/-0.000 χ^2/NDF : 12786449843.6/19

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 371347.4/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 252664.1/19

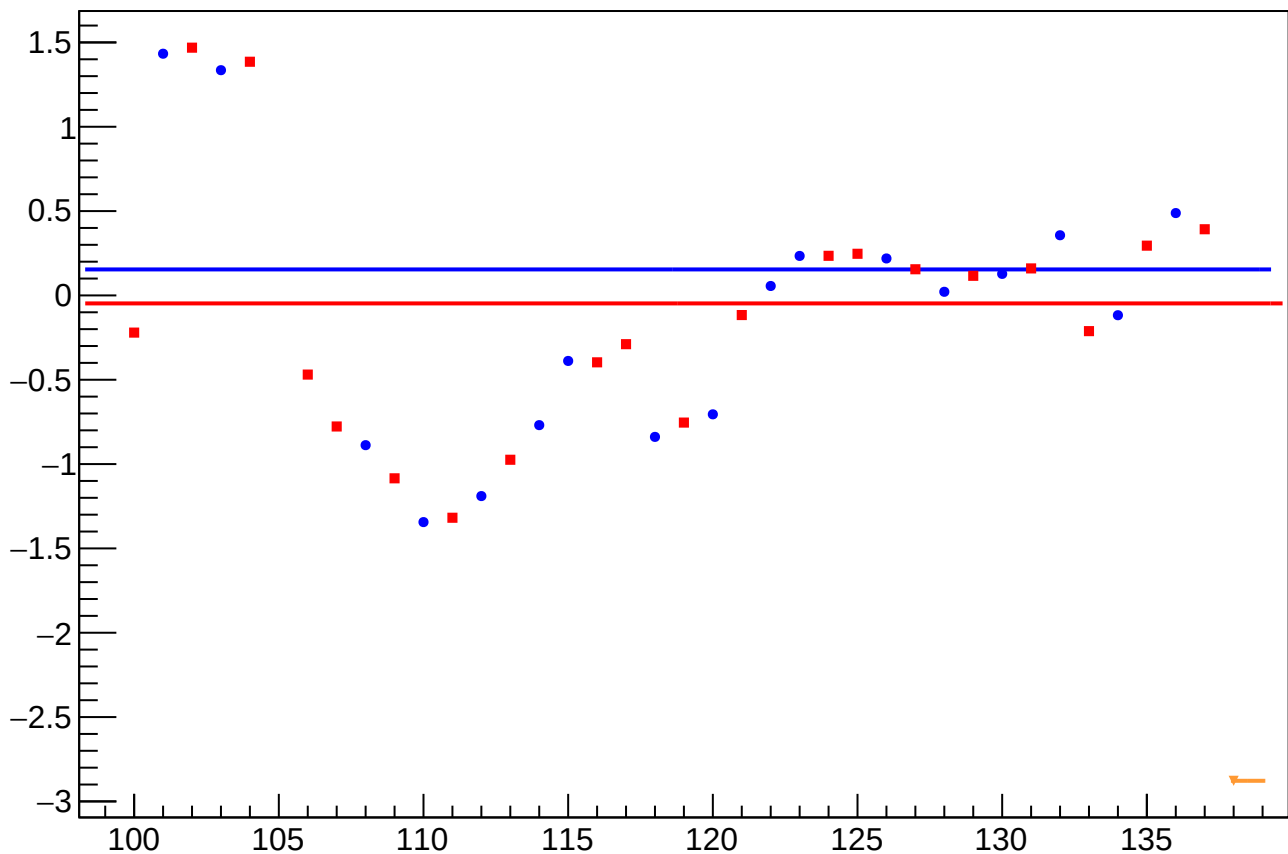
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 513093.6/17

0.005+/-0.000 χ^2/NDF : 771445.9/37

0.005+/-0.000 χ^2/NDF : 252664.1/19

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.154+/-0.000 χ^2/NDF : 16988256953.8/16

Left Out: -2.878+/-0.000 χ^2/NDF : 0.0/0

-0.066+/-0.000 χ^2/NDF : 37429382153.7/17

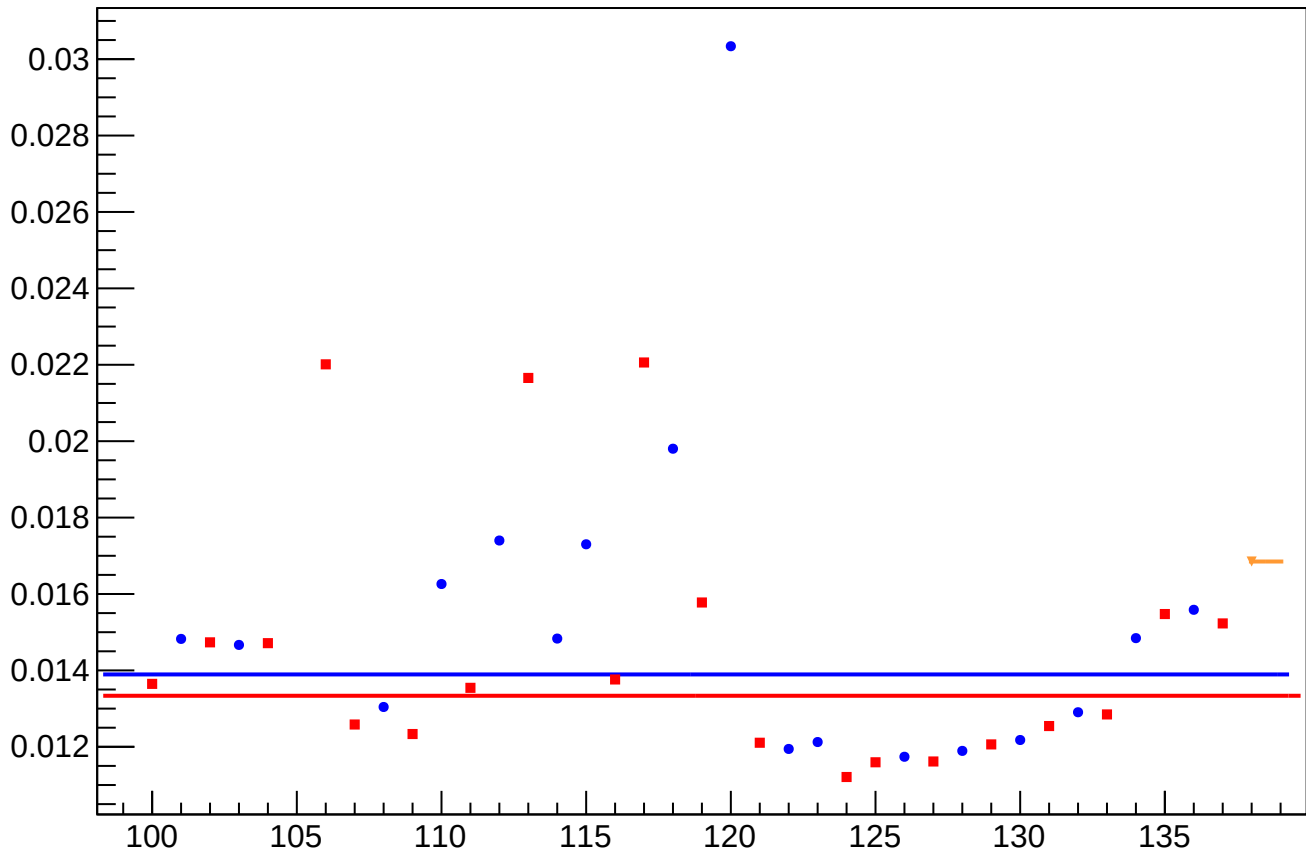
Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

-0.056+/-0.000 χ^2/NDF : 58651280049.5/19

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, Sign Corrected



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

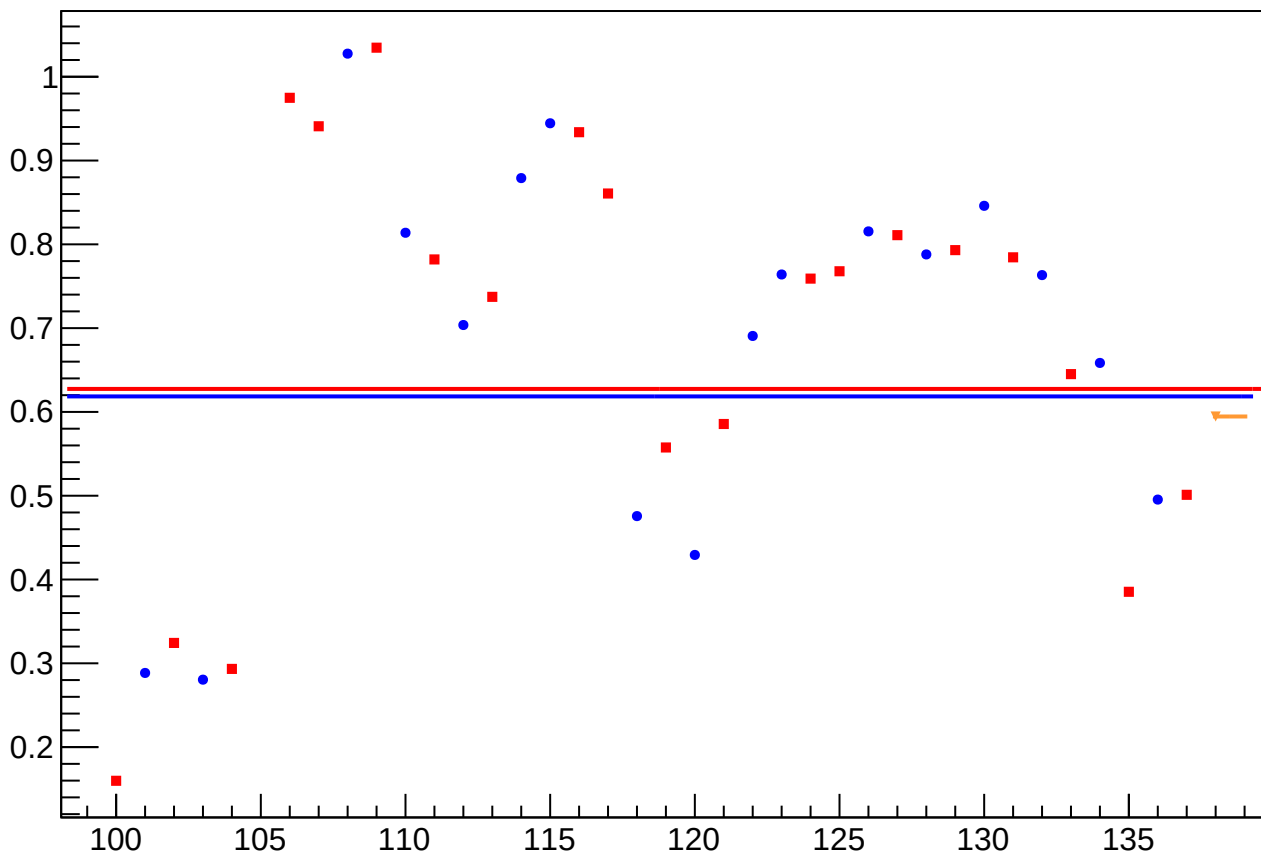
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 439423.0/17

0.014+/-0.000 χ^2/NDF : 763601.4/37

0.013+/-0.000 χ^2/NDF : 303459.9/19

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Left Out: 0.595+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

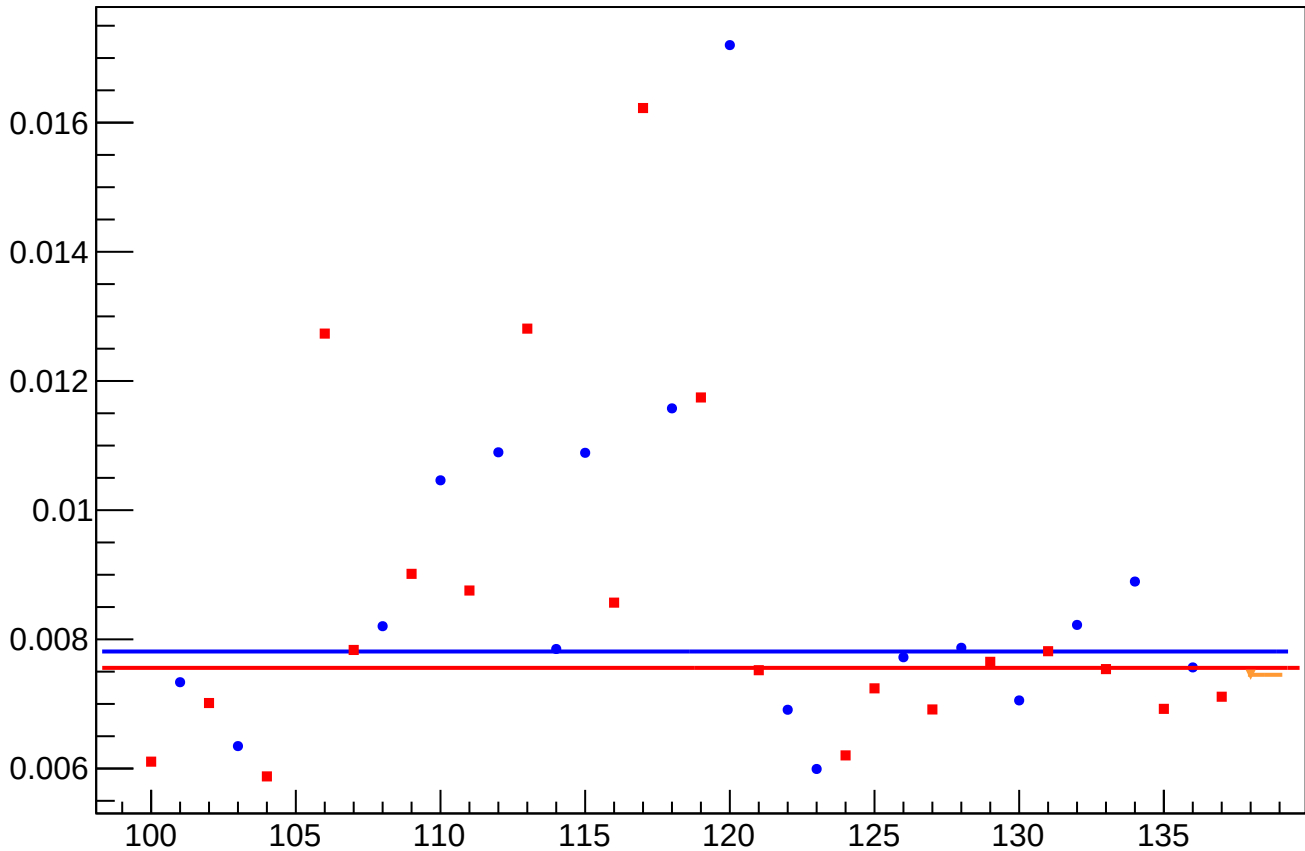
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.616+/-0.000 χ^2/NDF : 5422799172.6/17

0.622+/-0.000 χ^2/NDF : 11775628158.7/3

0.627+/-0.000 χ^2/NDF : 6345684740.0/19

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 466827.3/16

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

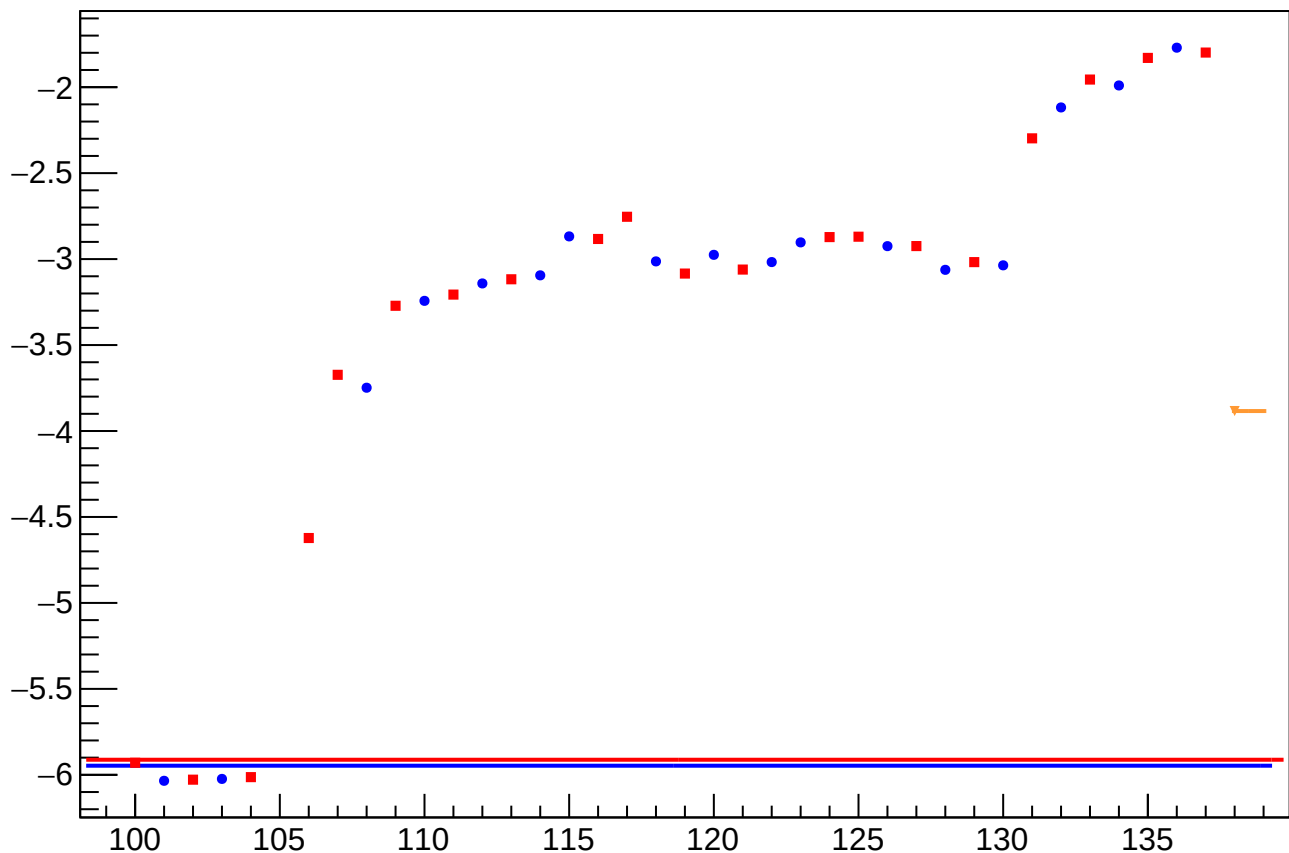
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 469484.5/17

0.008+/-0.000 χ^2/NDF : 937695.8/37

0.008+/-0.000 χ^2/NDF : 463232.7/19

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.947+/-0.000 χ^2/NDF : 13165963559.5/16

Left Out: -3.884+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

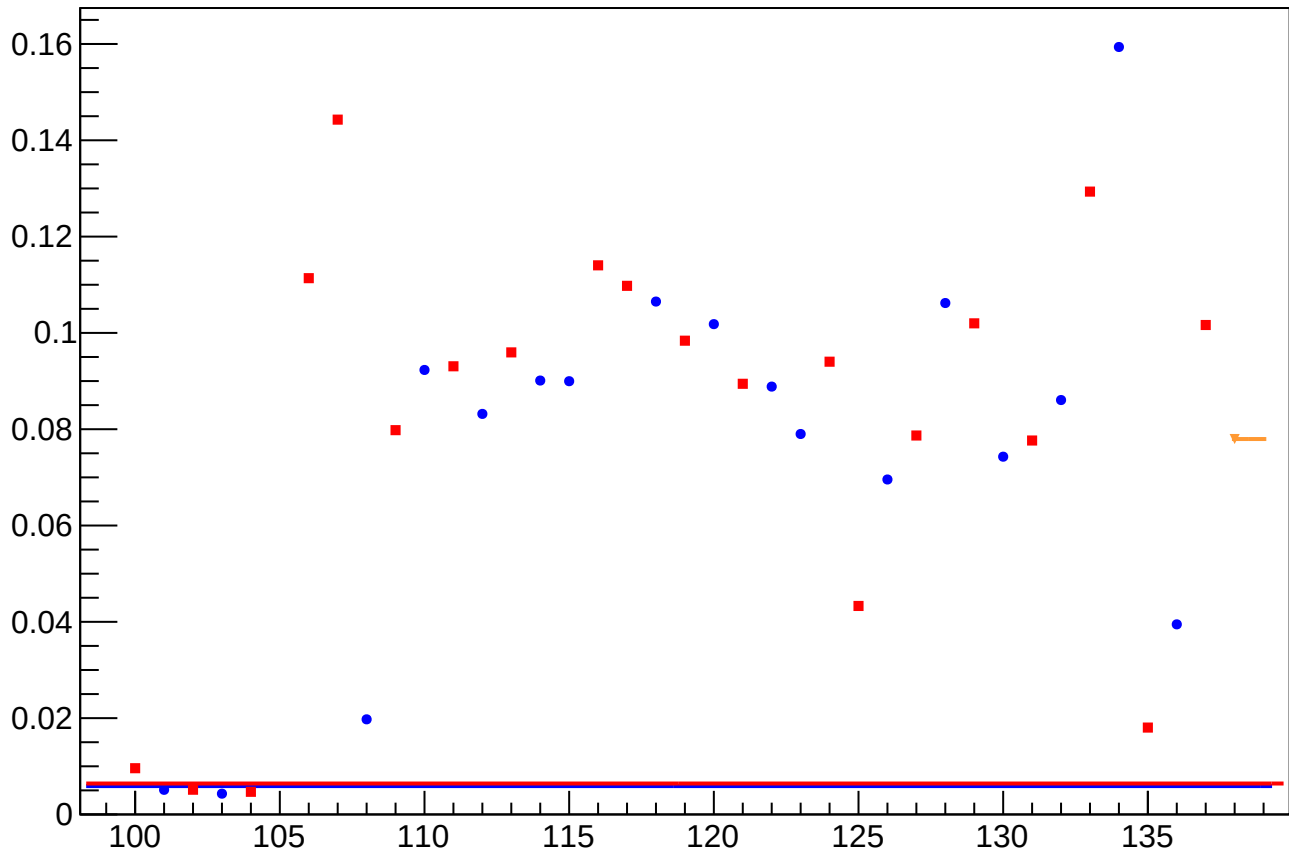
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.942+/-0.000 χ^2/NDF : 13628053610.7/17

-5.929+/-0.000 χ^2/NDF : 28295114856.3/19

-5.912+/-0.000 χ^2/NDF : 14648055548.9/19

yield_bpm0l03X_rms vs Slug, Sign Corrected



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

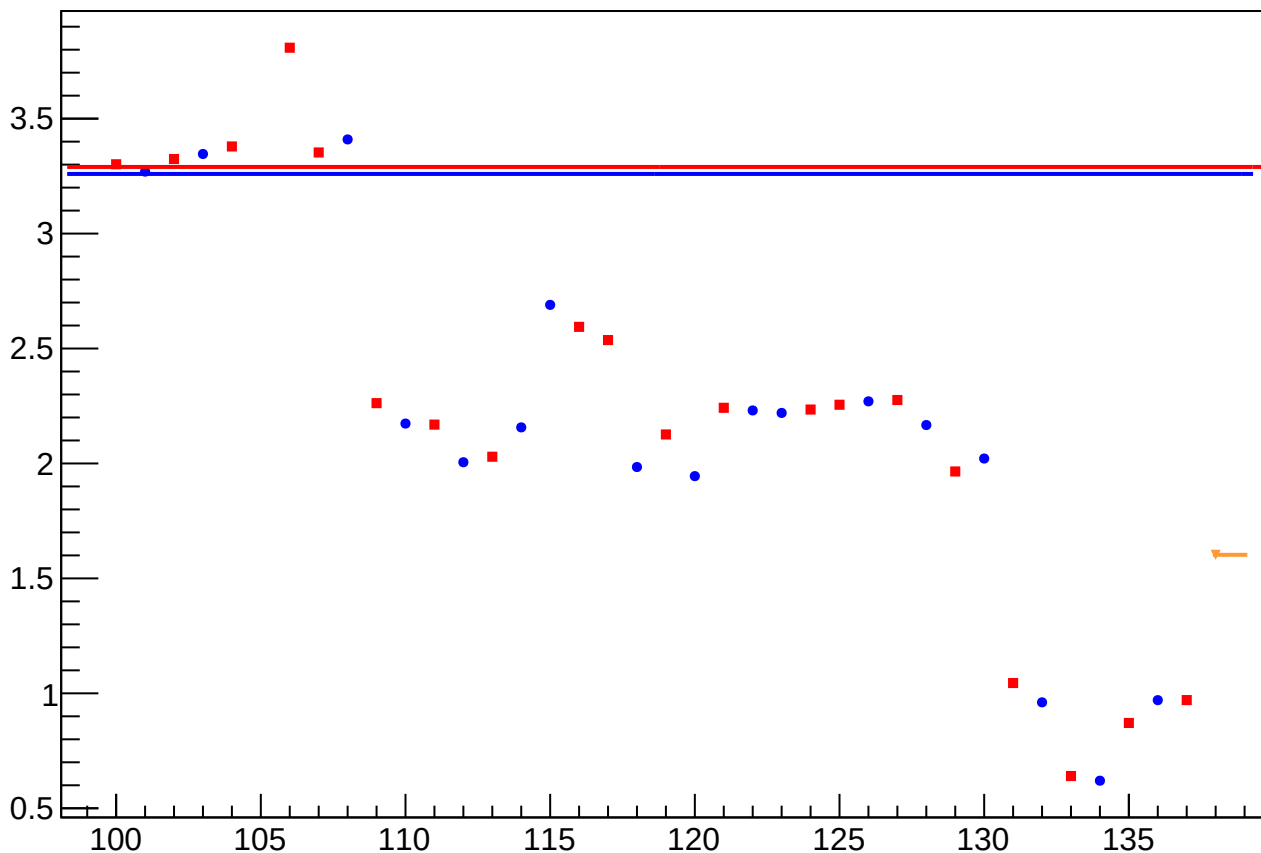
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 9062489.0/17

0.006+/-0.000 χ^2/NDF : 17626945.3/37

0.006+/-0.000 χ^2/NDF : 8558731.2/19

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.259+/-0.000 χ^2/NDF : 2921931976.8/16

Left Out: 1.603+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.290+/-0.000 χ^2/NDF : 3263300926.6/19

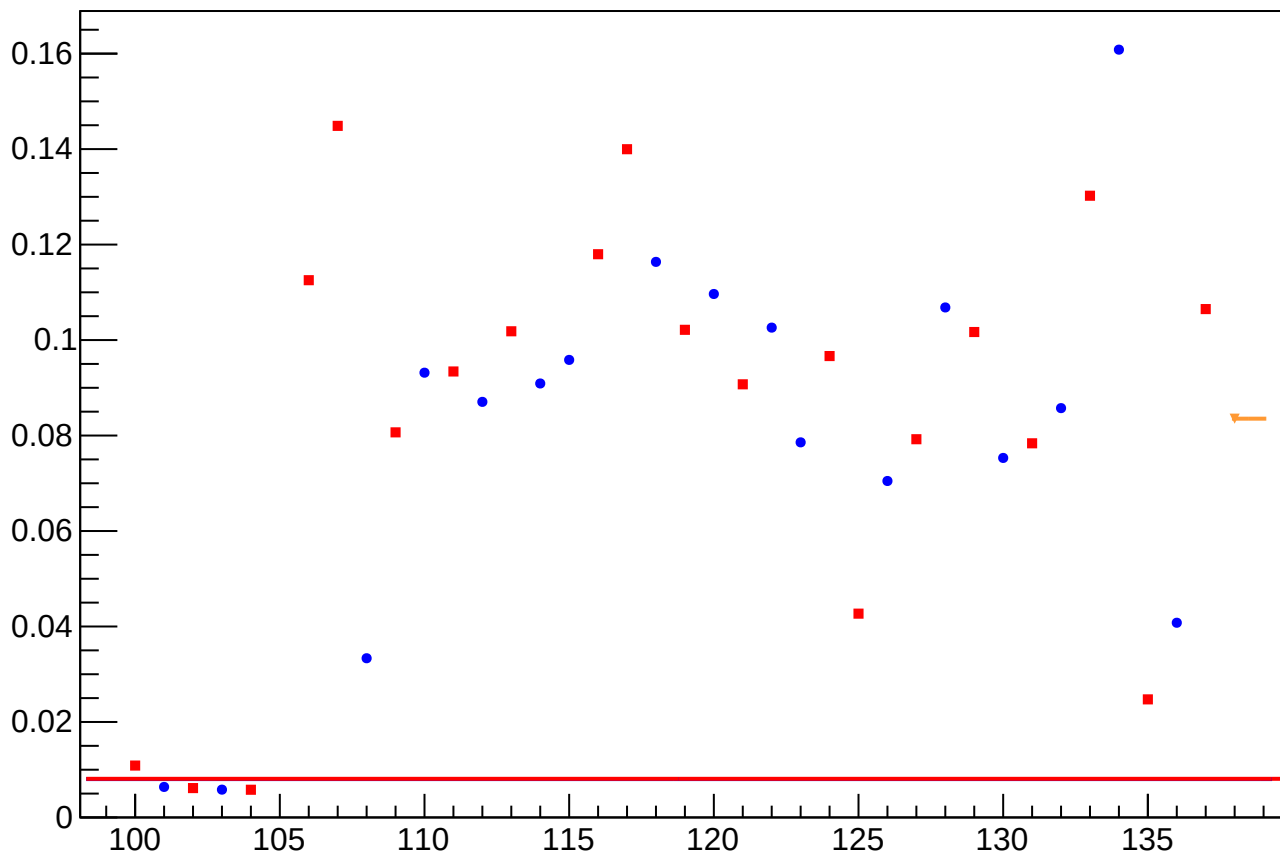
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.254+/-0.000 χ^2/NDF : 3182731558.2/17

3.271+/-0.000 χ^2/NDF : 6463858273.7/37

3.290+/-0.000 χ^2/NDF : 3263300926.6/19

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7742048.1/16

Left Out: 0.084+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8375005.0/19

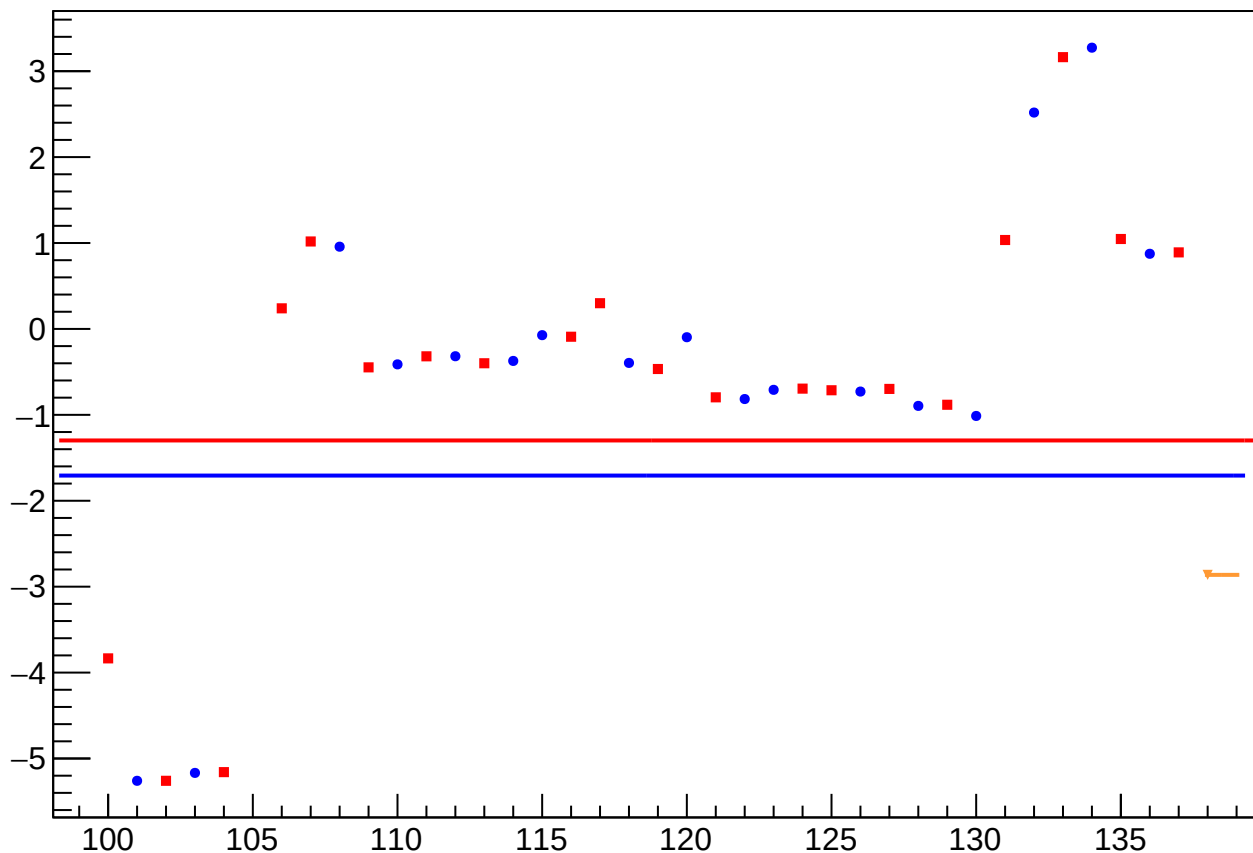
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 8824950.8/17

0.008+/-0.000 χ^2/NDF : 17201013.2/37

0.008+/-0.000 χ^2/NDF : 8375005.0/19

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.707+/-0.000 χ^2/NDF : 166125579390.4/16

Left Out: -2.863+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.298+/-0.000 χ^2/NDF : 178085926993.4/19

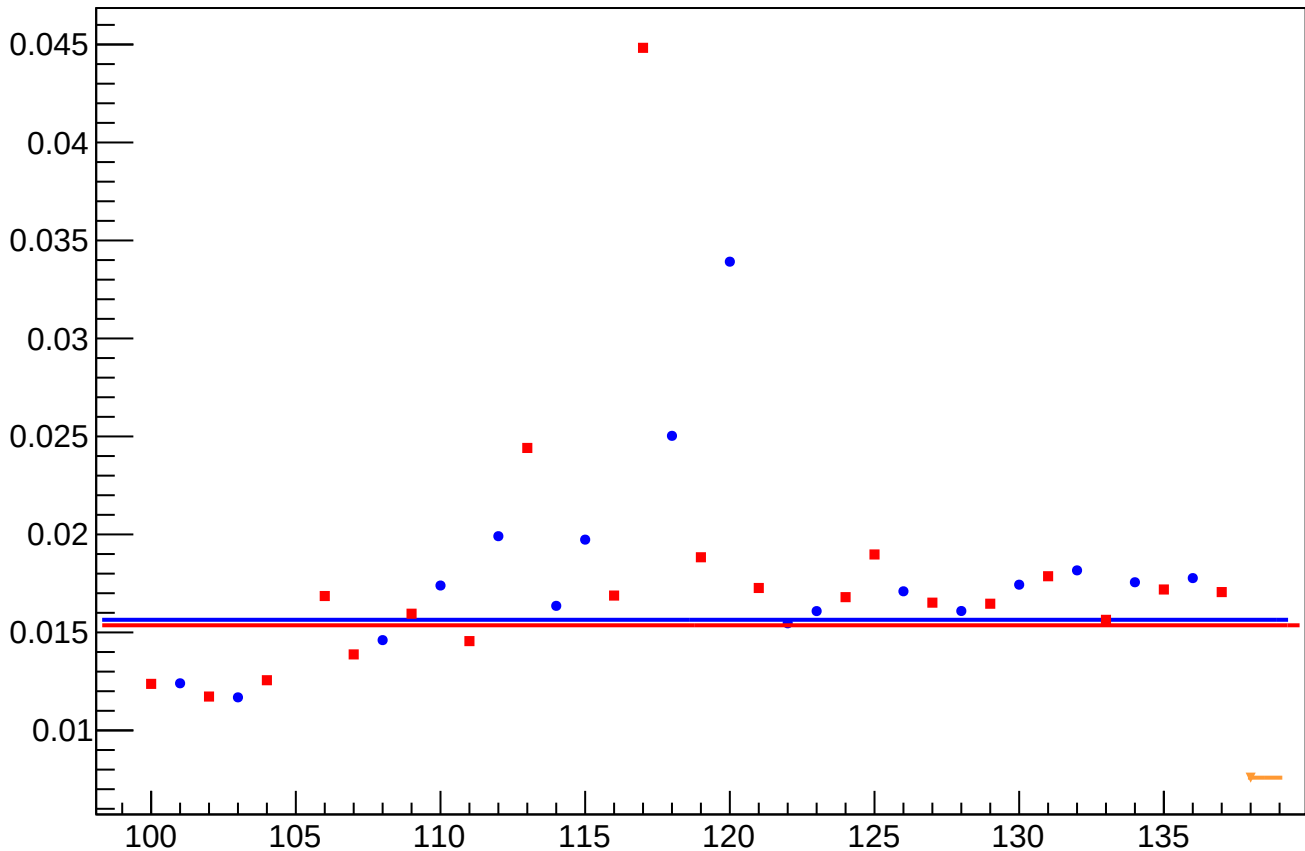
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.105+/-0.000 χ^2/NDF : 176673422619.1/17

-1.758+/-0.000 χ^2/NDF : 364550331538.7

-1.298+/-0.000 χ^2/NDF : 178085926993.4/19

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 578244.3/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 387283.2/19

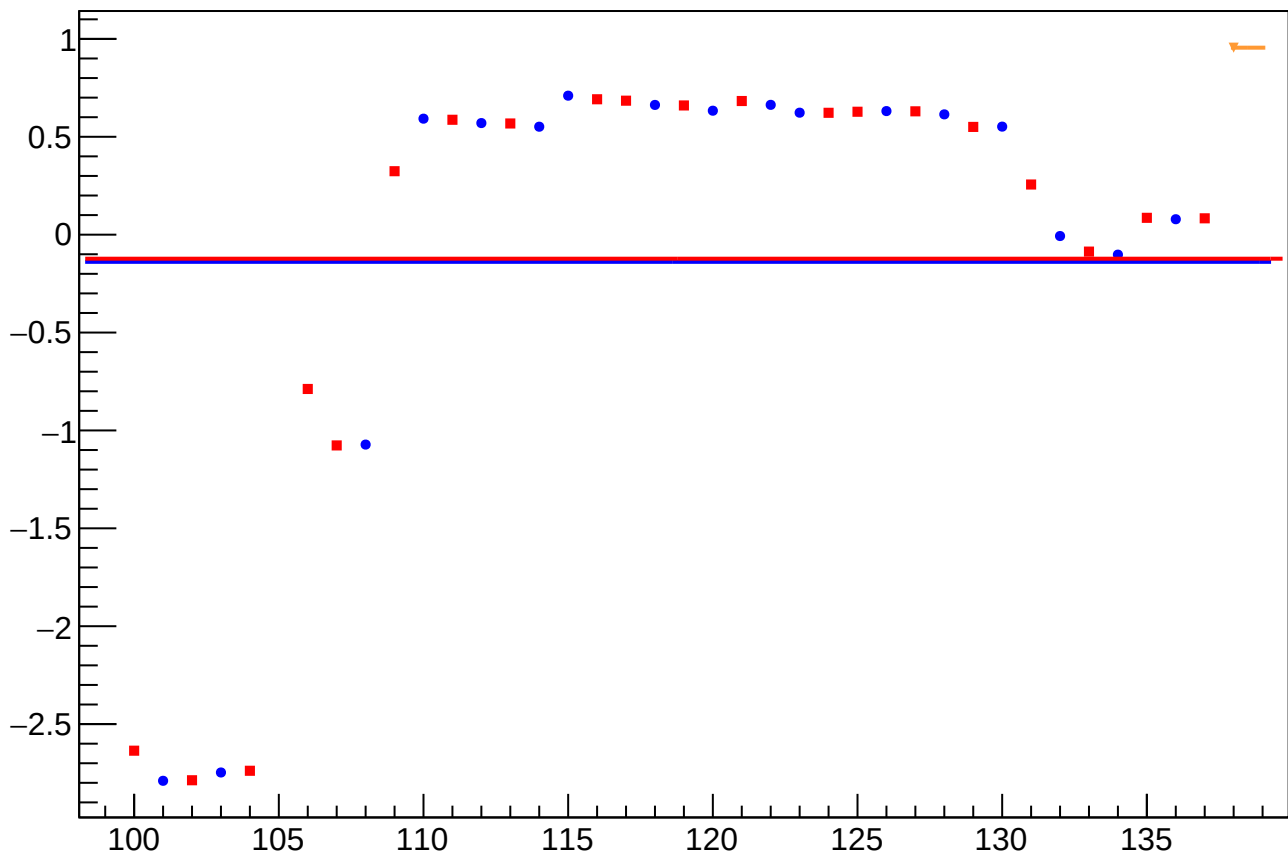
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1603357.9/17

0.014+/-0.000 χ^2/NDF : 2177966.7/37

0.015+/-0.000 χ^2/NDF : 387283.2/19

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.000 χ^2/NDF : 715049983856.2/16

Left Out: 0.955+/-0.000 χ^2/NDF : 0.0/0

-0.111+/-0.000 χ^2/NDF : 730375172032.4/17

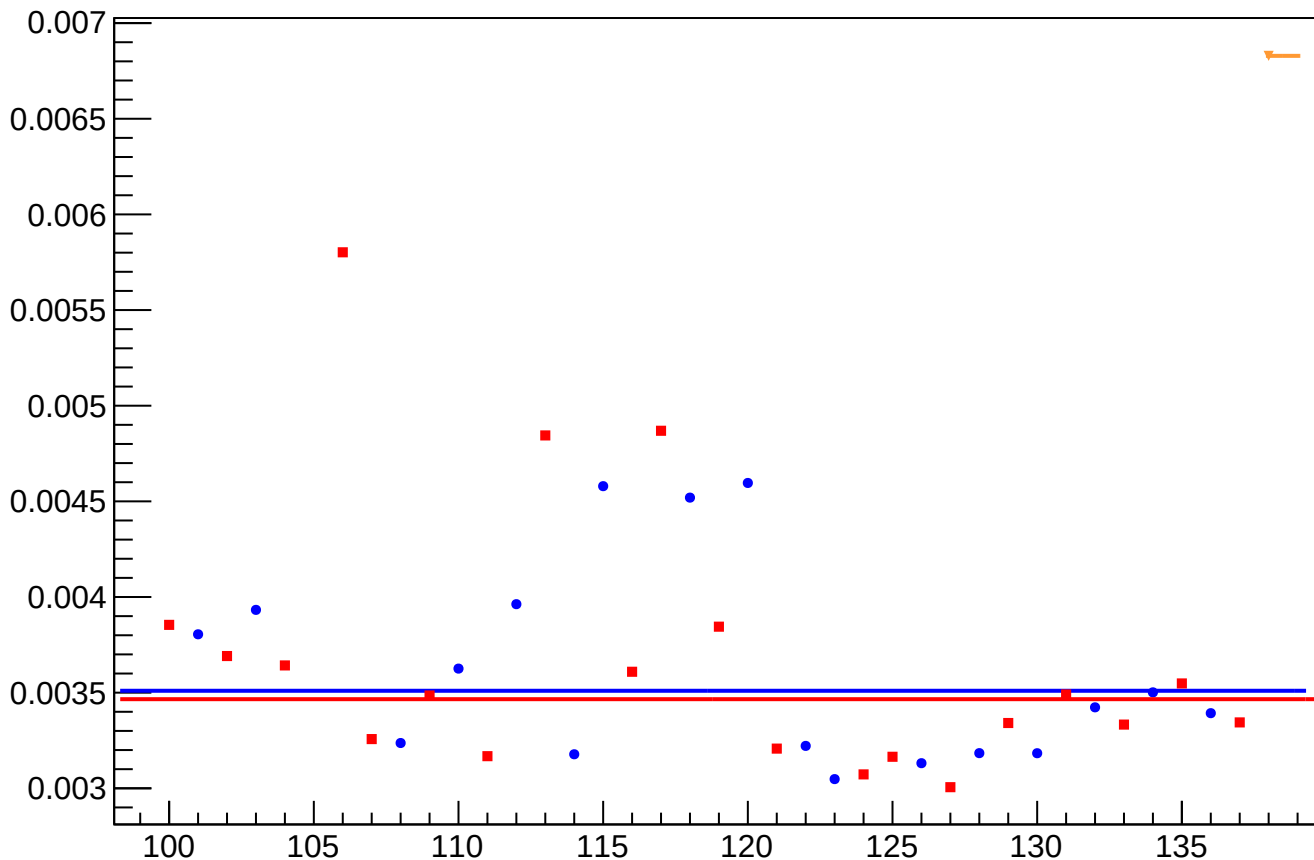
-0.117+/-0.000 χ^2/NDF : 1492990715512.0

Right Out: -0.123+/-0.000 χ^2/NDF : 762580598699.5/19

-0.123+/-0.000 χ^2/NDF : 762580598699.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 171337.9/16

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 222524.1/19

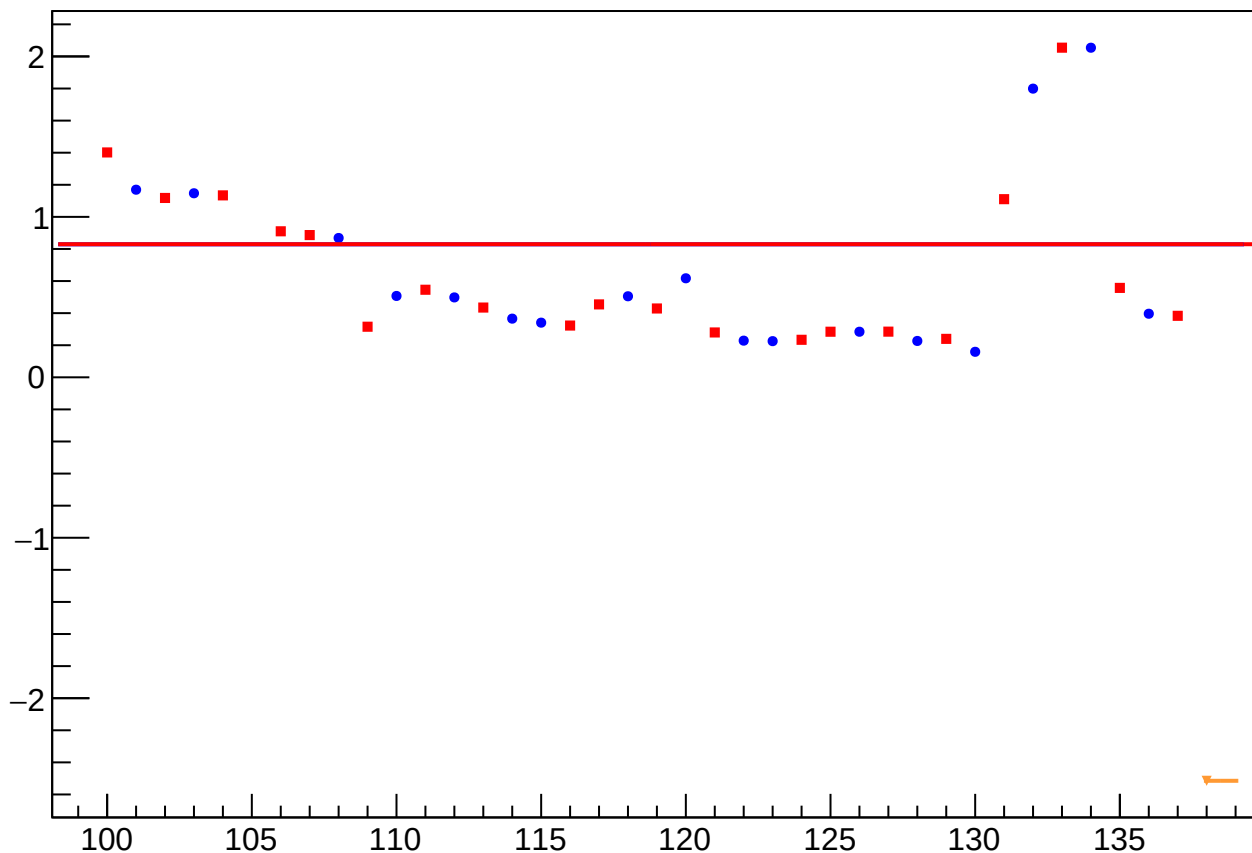
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 453459.8/17

0.004 $\pm$ 0.000 χ^2 /NDF: 684736.1/37

0.003 $\pm$ 0.000 χ^2 /NDF: 222524.1/19

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: -2.515+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

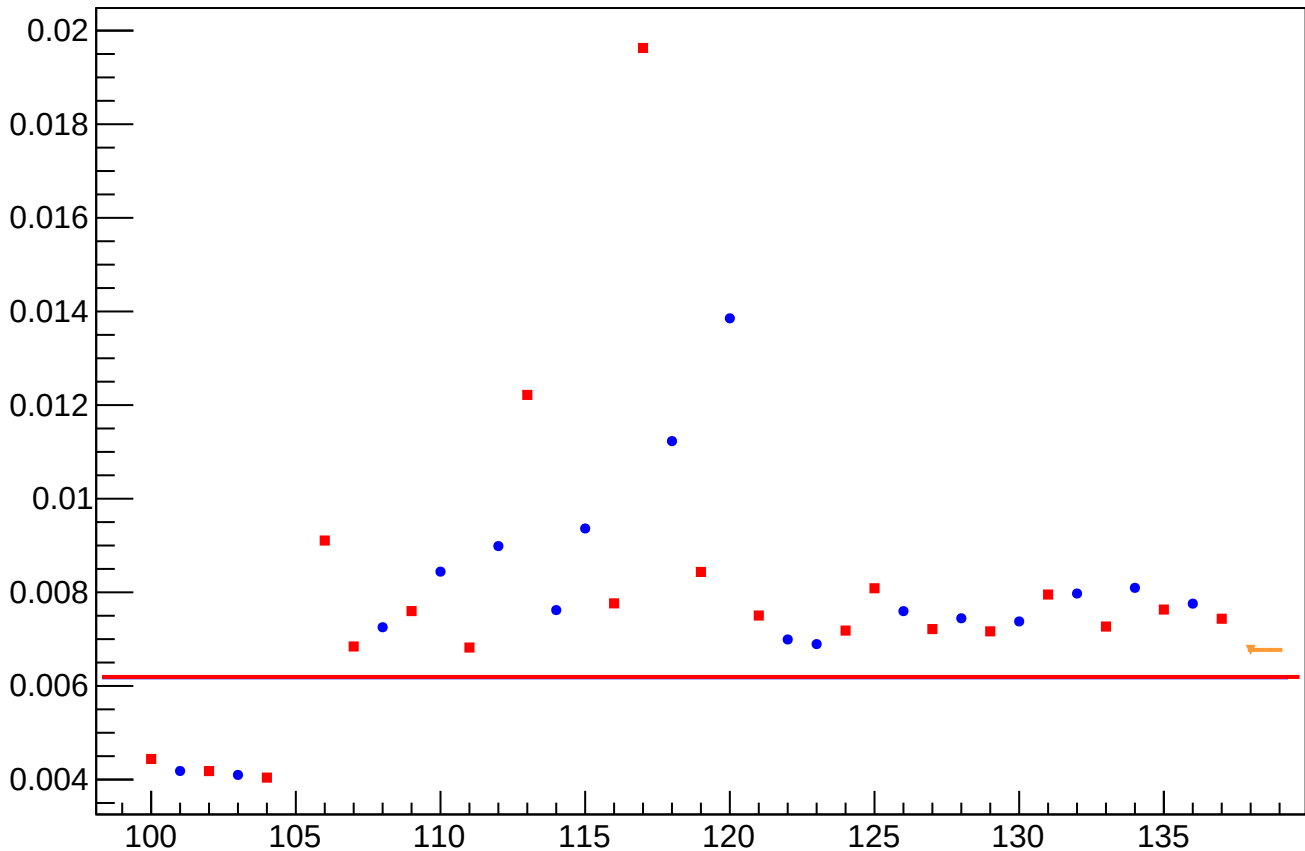
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.530+/-0.000 χ^2/NDF : 170614668440.5/17

0.679+/-0.000 χ^2/NDF : 210800547422.6/17

0.830+/-0.000 χ^2/NDF : 33349713412.0/19

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1228962.4/16

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1062886.2/19

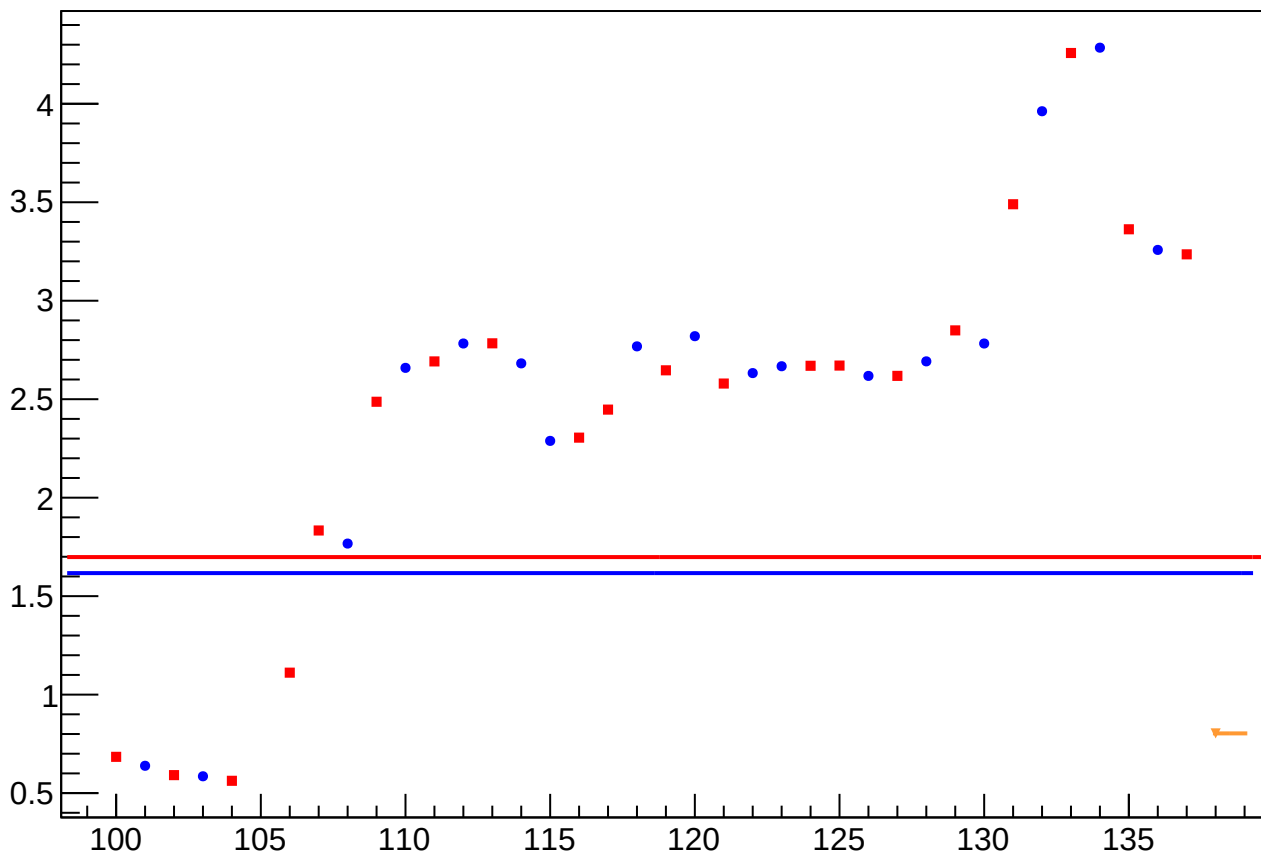
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1237470.8/17

0.006+/-0.000 χ^2/NDF : 2300660.2/37

0.006+/-0.000 χ^2/NDF : 1062886.2/19

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.617+/-0.000 χ^2/NDF : 202886791000.7/16

Left Out: 0.803+/-0.000 χ^2/NDF : 0.0/0

1.529+/-0.000 χ^2/NDF : 213137519041.4/17

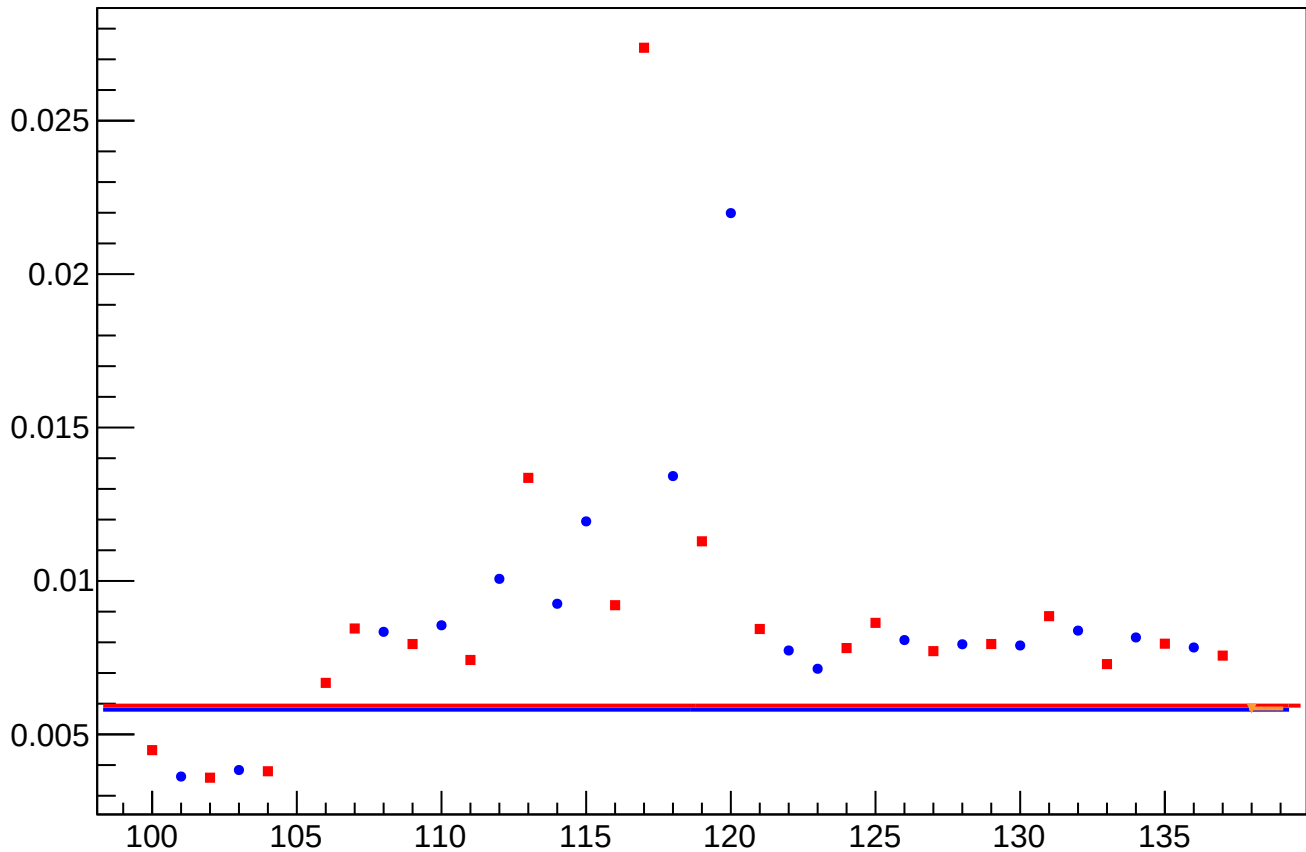
1.612+/-0.000 χ^2/NDF : 442815445713.1/17

Right Out: 1.698+/-0.000 χ^2/NDF : 227436227264.4/19

1.698+/-0.000 χ^2/NDF : 227436227264.4/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1917989.1/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1731283.0/19

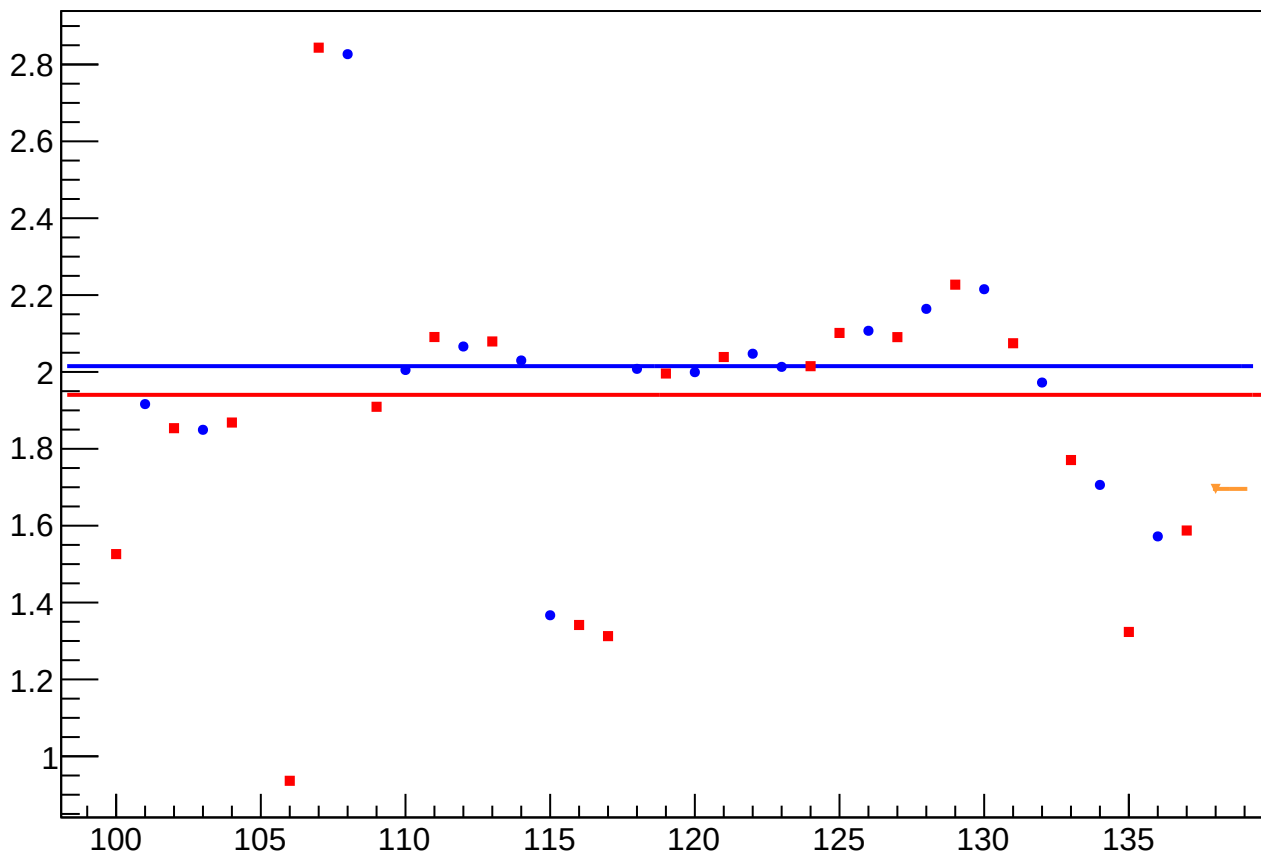
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1918033.0/17

0.006+/-0.000 χ^2/NDF : 3651868.8/37

0.006+/-0.000 χ^2/NDF : 1731283.0/19

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.015 $\pm$ 0.000 χ^2 /NDF: 12228403202.6/16

Left Out: 1.696 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.940 $\pm$ 0.000 χ^2 /NDF: 21732099424.5/19

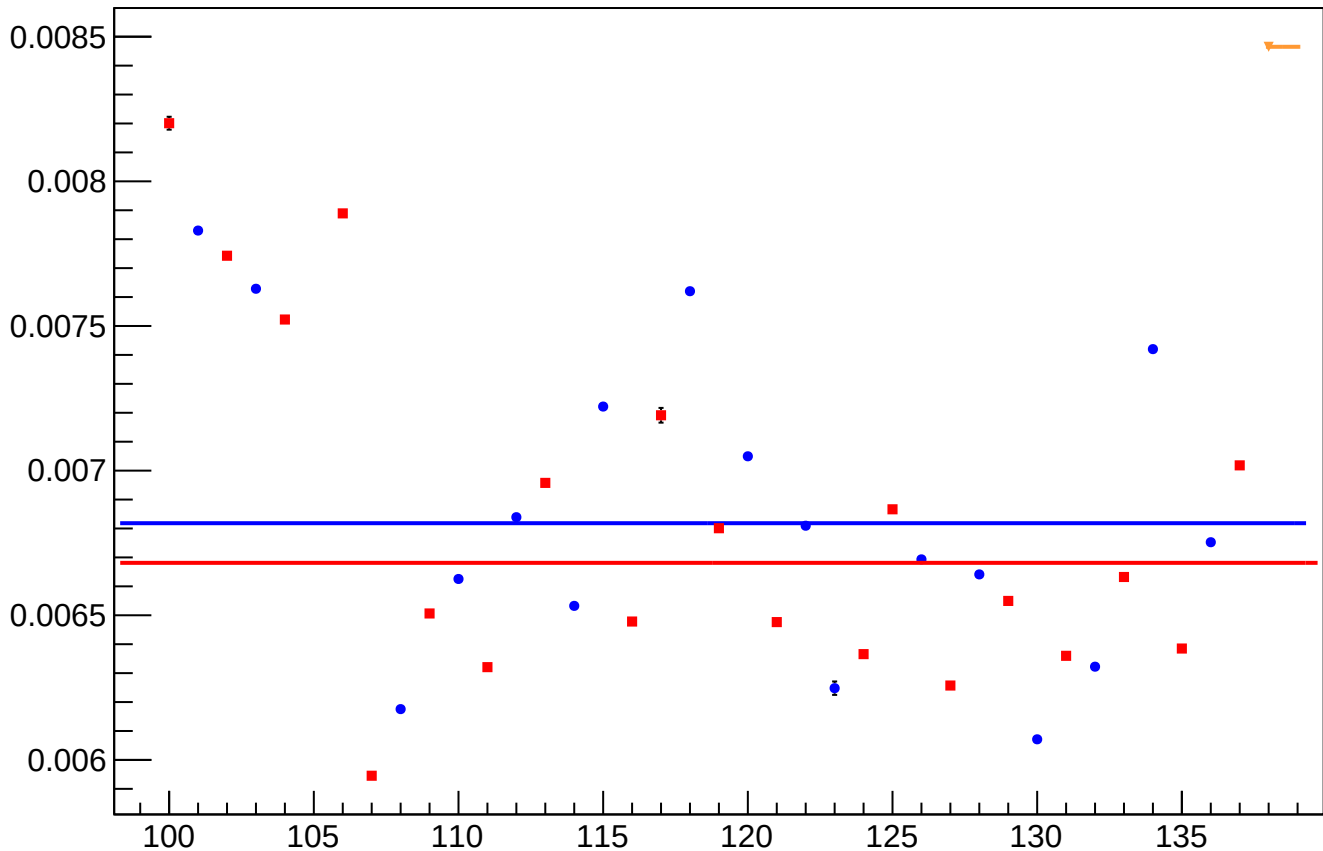
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.995 $\pm$ 0.000 χ^2 /NDF: 13117527333.7/17

1.967 $\pm$ 0.000 χ^2 /NDF: 35070233555.5/3

1.940 $\pm$ 0.000 χ^2 /NDF: 21732099424.5/19

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 75813.9/16

Left Out: 0.008 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 76121.2/19

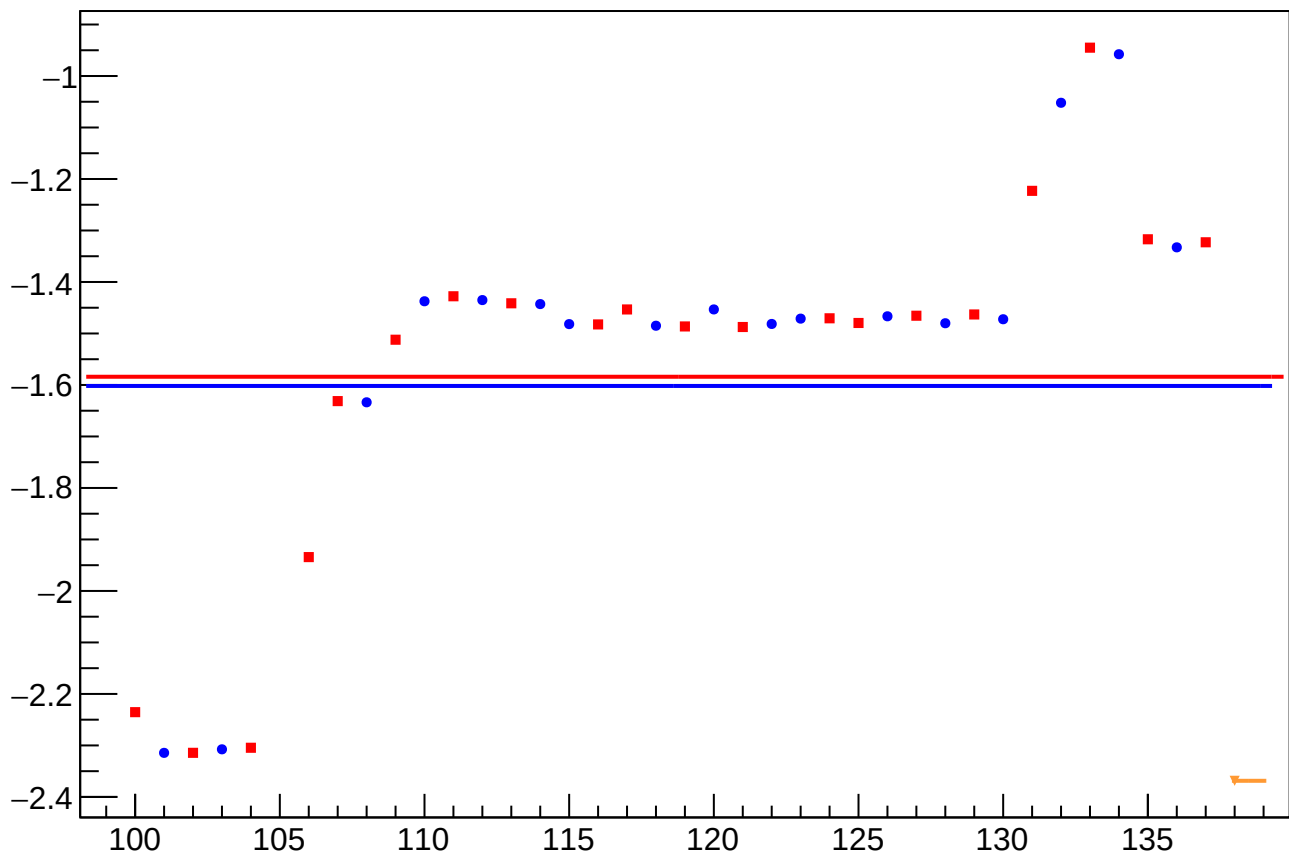
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 123095.3/17

0.007 $\pm$ 0.000 χ^2 /NDF: 207966.8/37

0.007 $\pm$ 0.000 χ^2 /NDF: 76121.2/19

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.602+/-0.000 χ^2/NDF : 140200656044.3/16

Left Out: -2.369+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.584+/-0.000 χ^2/NDF : 143612120137.8/19

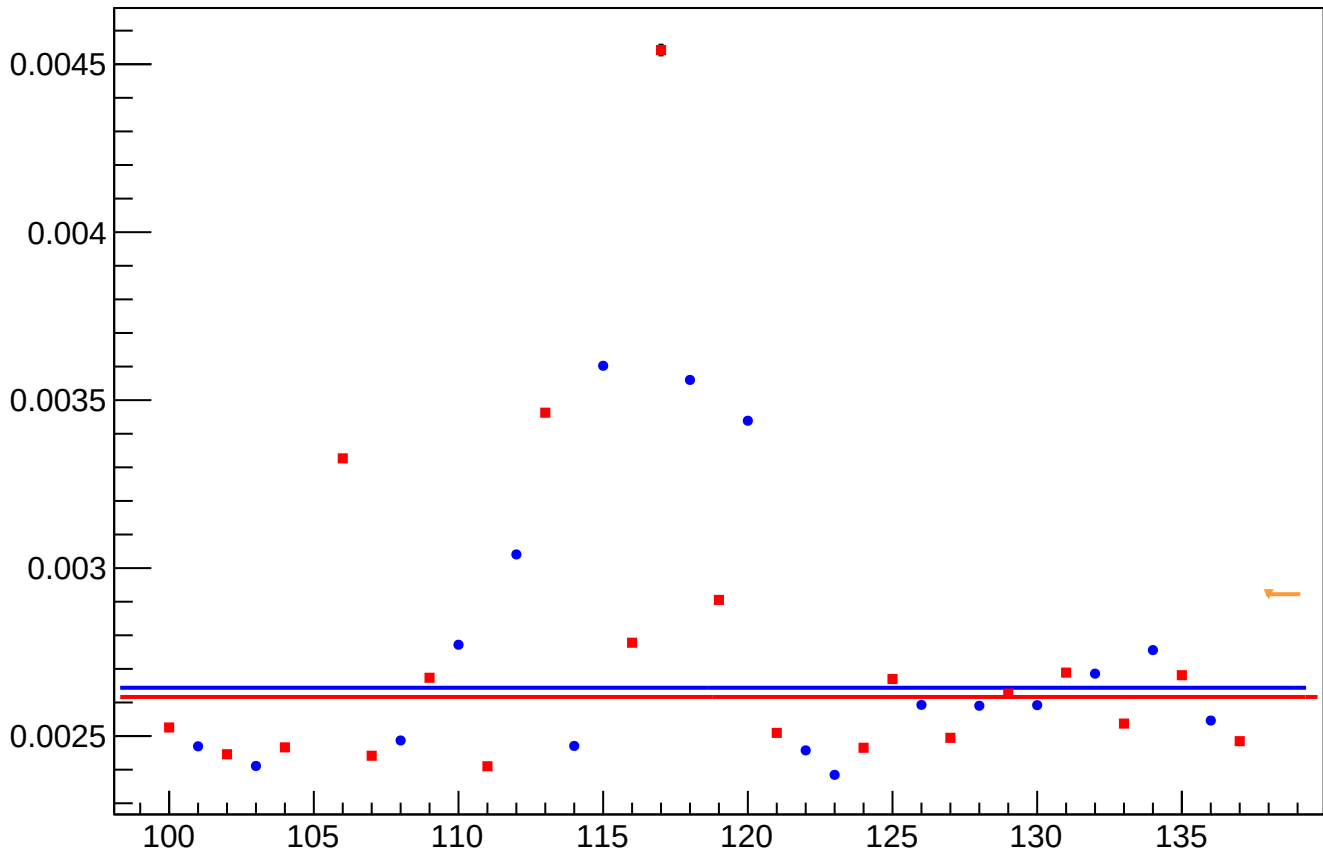
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.662+/-0.000 χ^2/NDF : 181542054047.2/17

-1.623+/-0.000 χ^2/NDF : 328117349106.0

-1.584+/-0.000 χ^2/NDF : 143612120137.8/19

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 151383.5/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 119852.1/19

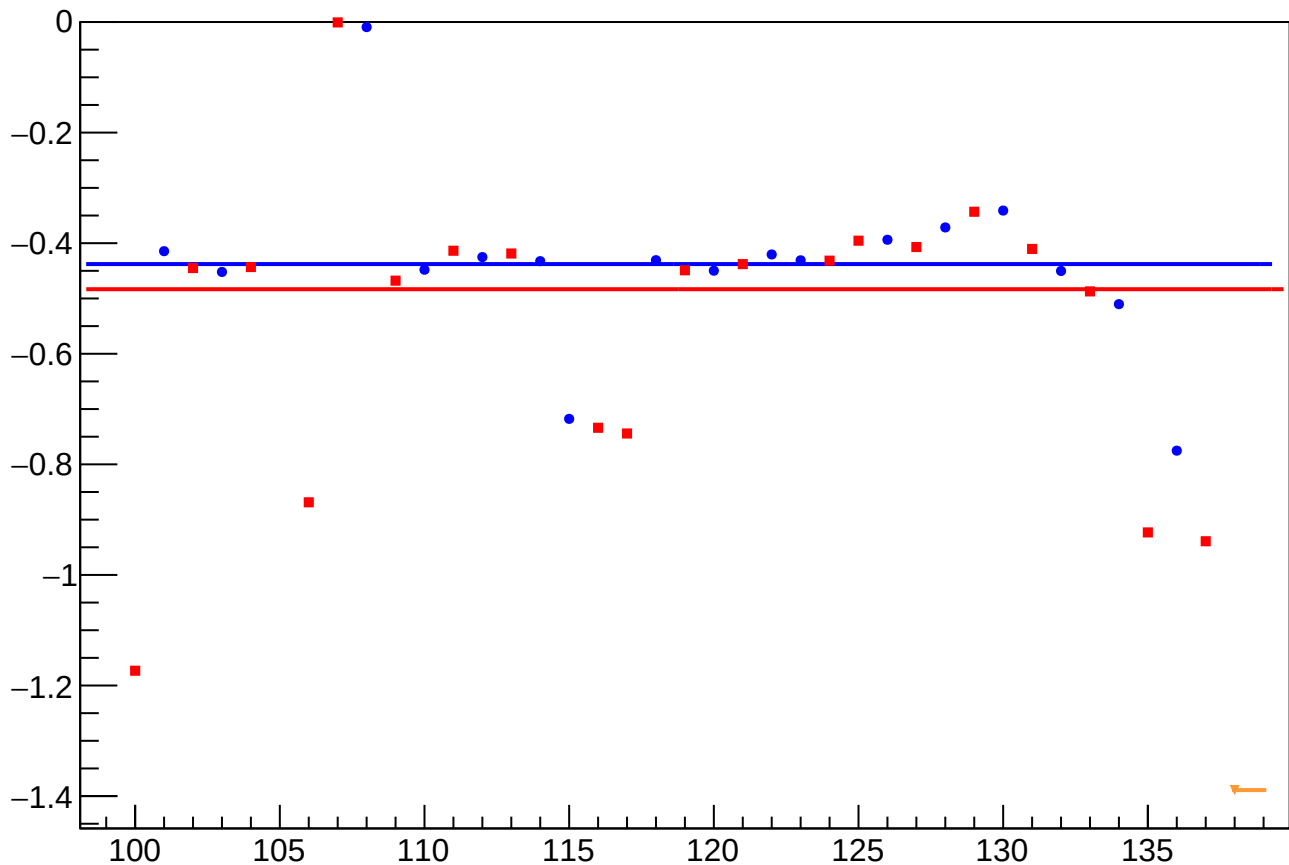
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 162293.5/17

0.003+/-0.000 χ^2/NDF : 284514.4/37

0.003+/-0.000 χ^2/NDF : 119852.1/19

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.438+/-0.000 χ^2/NDF : 1462454117.6/16

Left Out: -1.389+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.483+/-0.000 χ^2/NDF : 2714164016.2/19

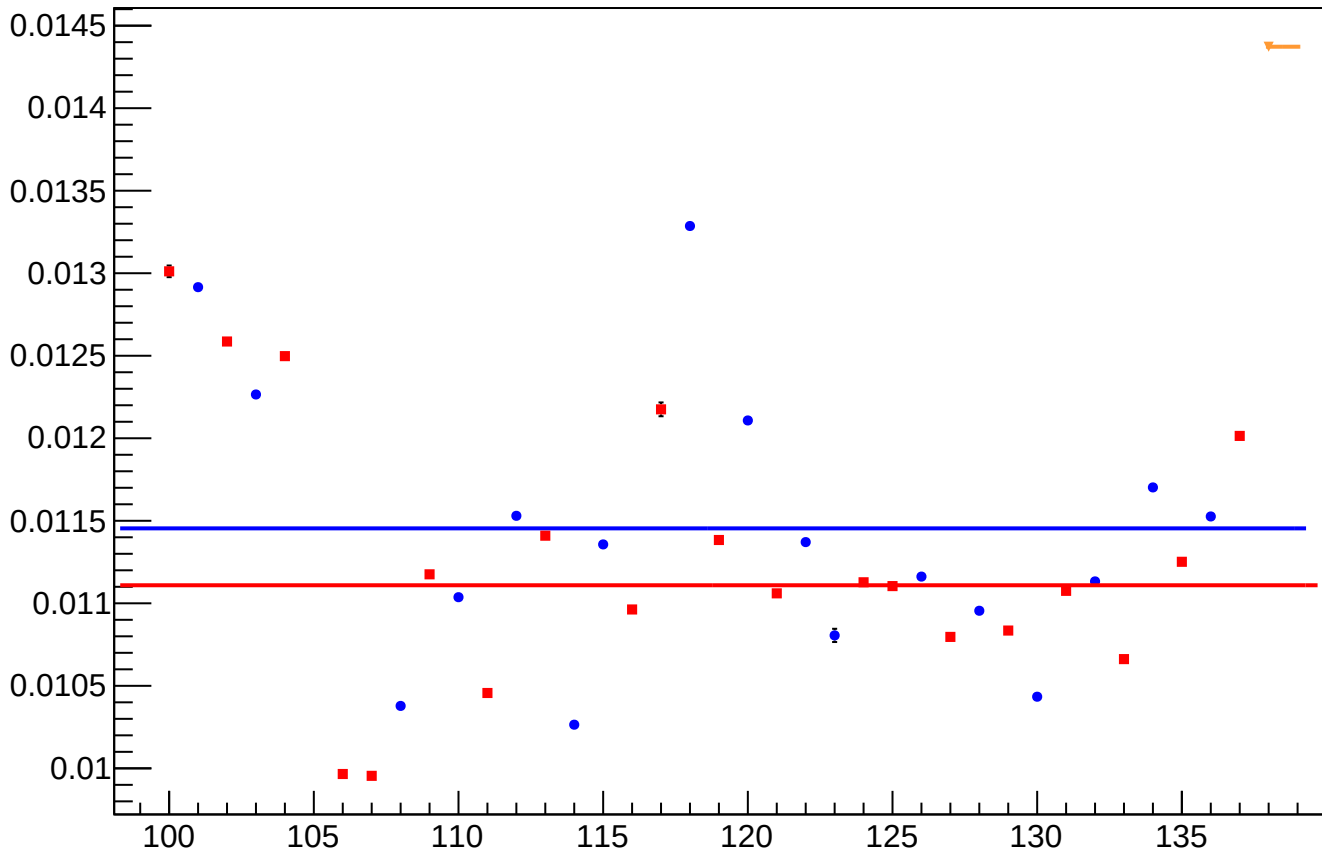
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.497+/-0.000 χ^2/NDF : 4233631070.8/17

-0.490+/-0.000 χ^2/NDF : 6952844674.0/3

-0.483+/-0.000 χ^2/NDF : 2714164016.2/19

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 64687.8/16

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 56696.9/19

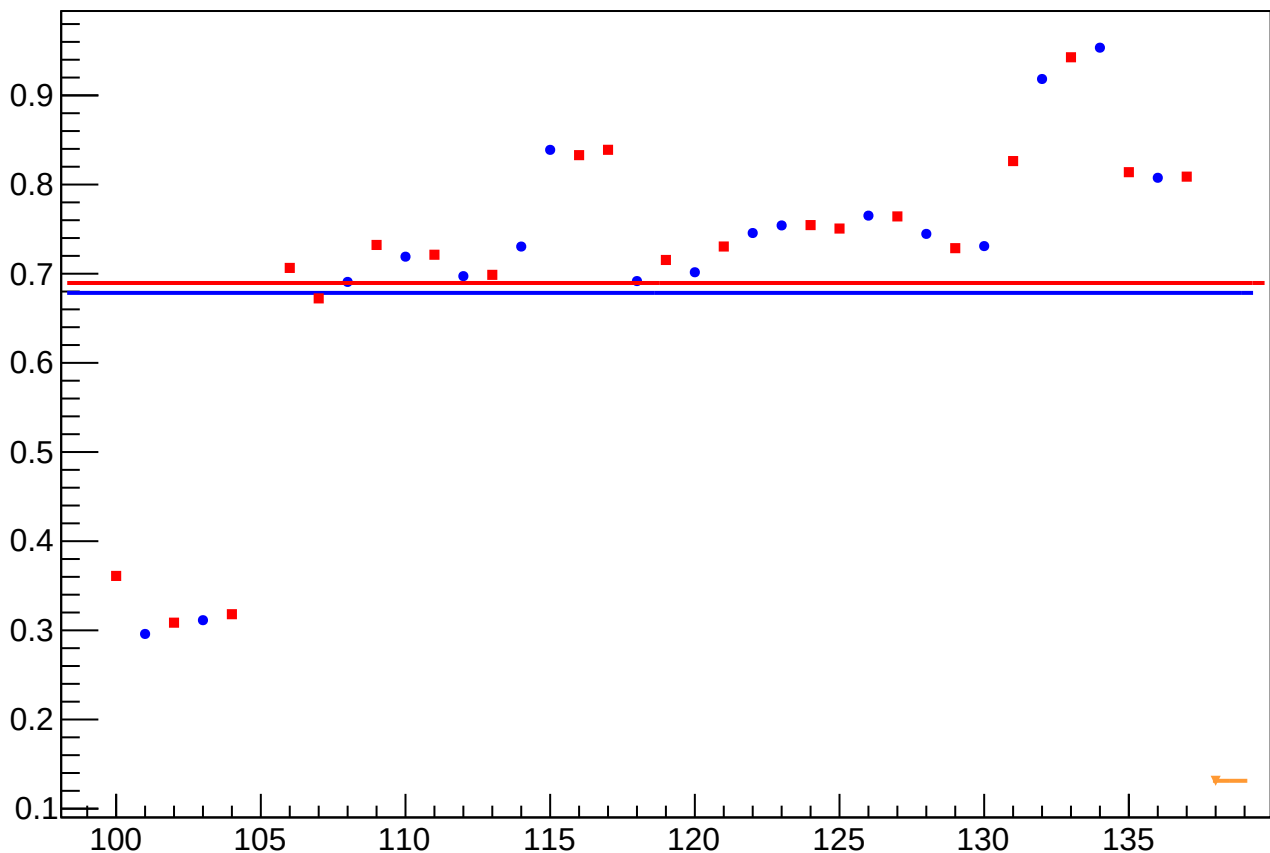
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 116851.4/17

0.011+/-0.000 χ^2/NDF : 188621.8/37

0.011+/-0.000 χ^2/NDF : 56696.9/19

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.678+/-0.000 χ^2/NDF : 38506442638.3/16

Left Out: 0.131+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.690+/-0.000 χ^2/NDF : 35439496983.3/19

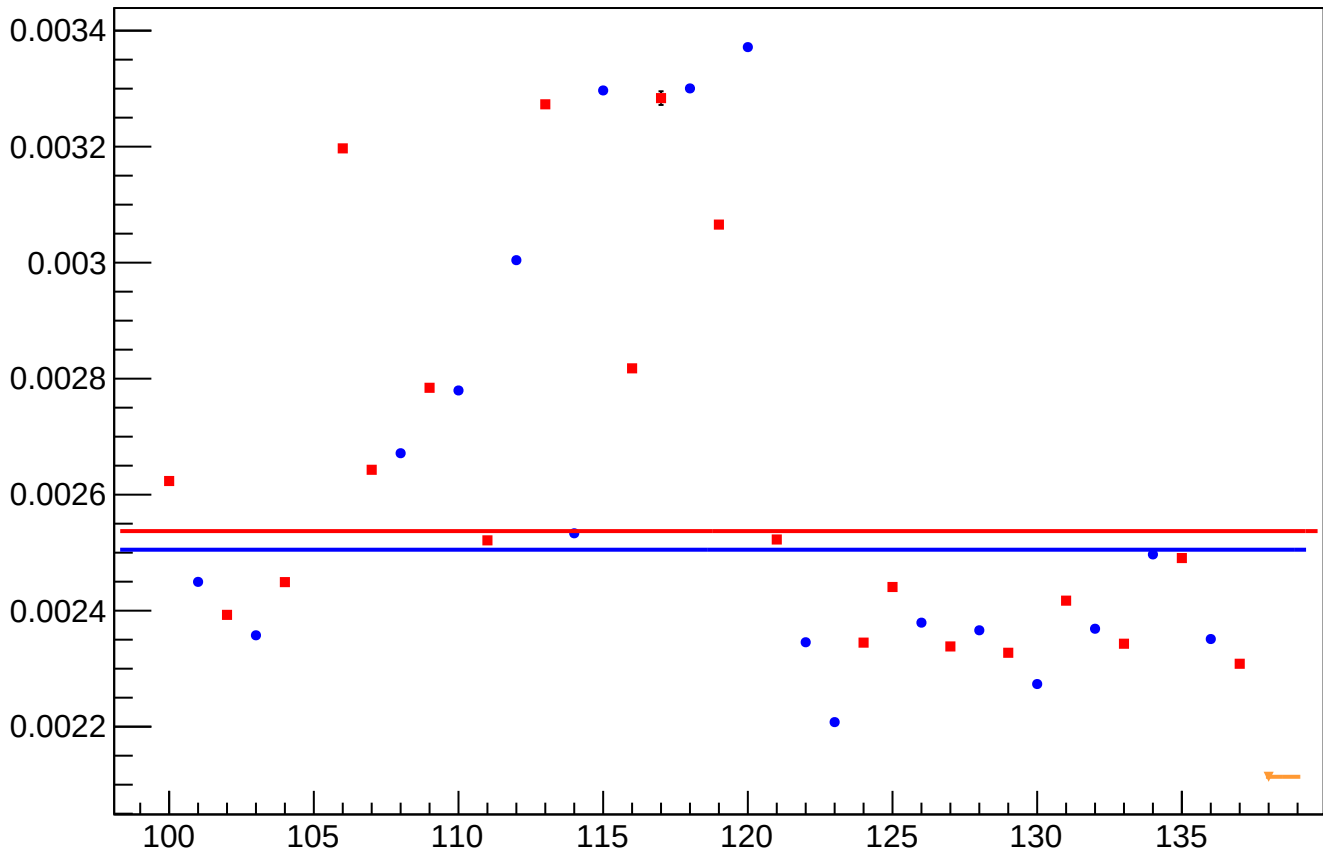
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.603+/-0.000 χ^2/NDF : 80542863879.6/17

0.644+/-0.000 χ^2/NDF : 120155482306.7/17

0.690+/-0.000 χ^2/NDF : 35439496983.3/19

yield_bpm0l07Y_rms vs Slug, Sign Corrected



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

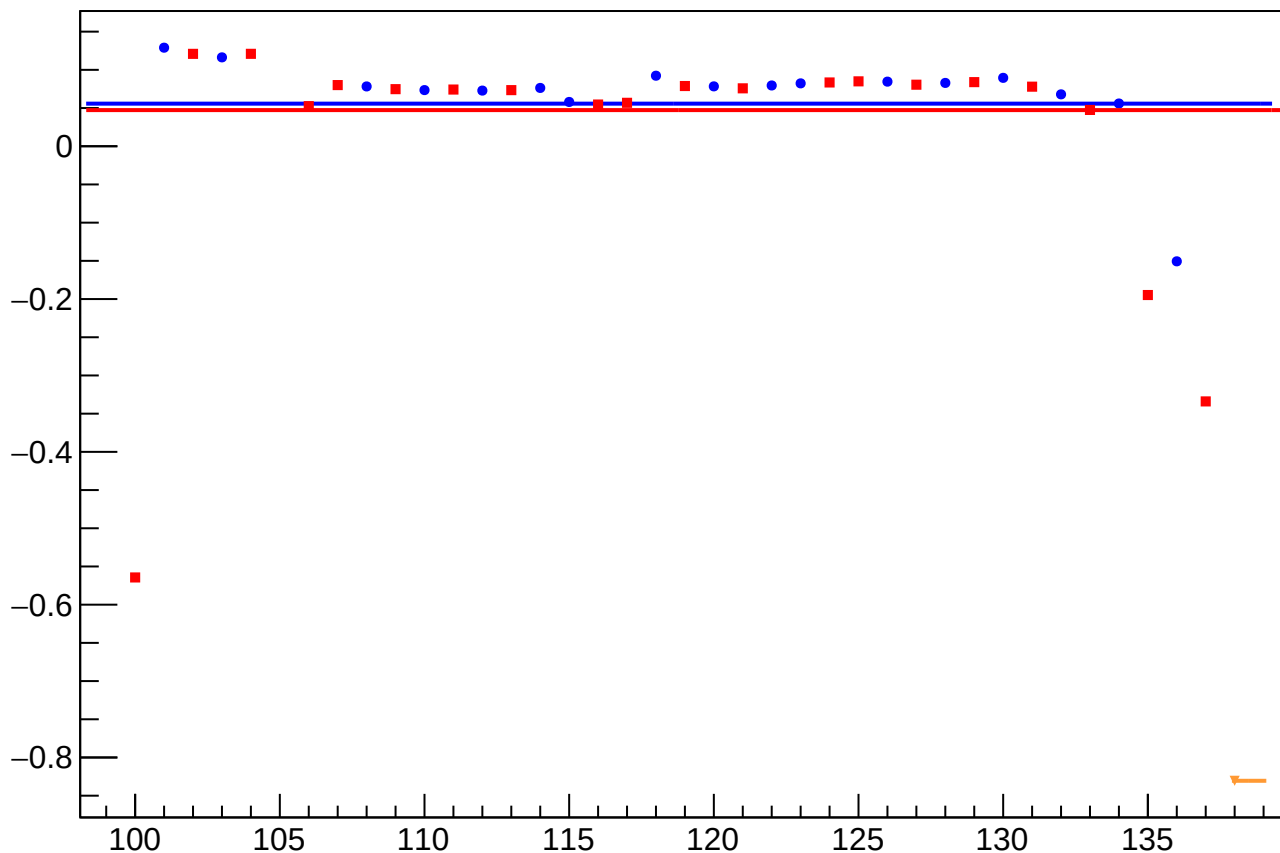
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 218549.0/17

0.002+/-0.000 χ^2/NDF : 362440.7/37

0.003+/-0.000 χ^2/NDF : 135649.7/19

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.000 χ^2/NDF : 423003688.1/16

Left Out: -0.831+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

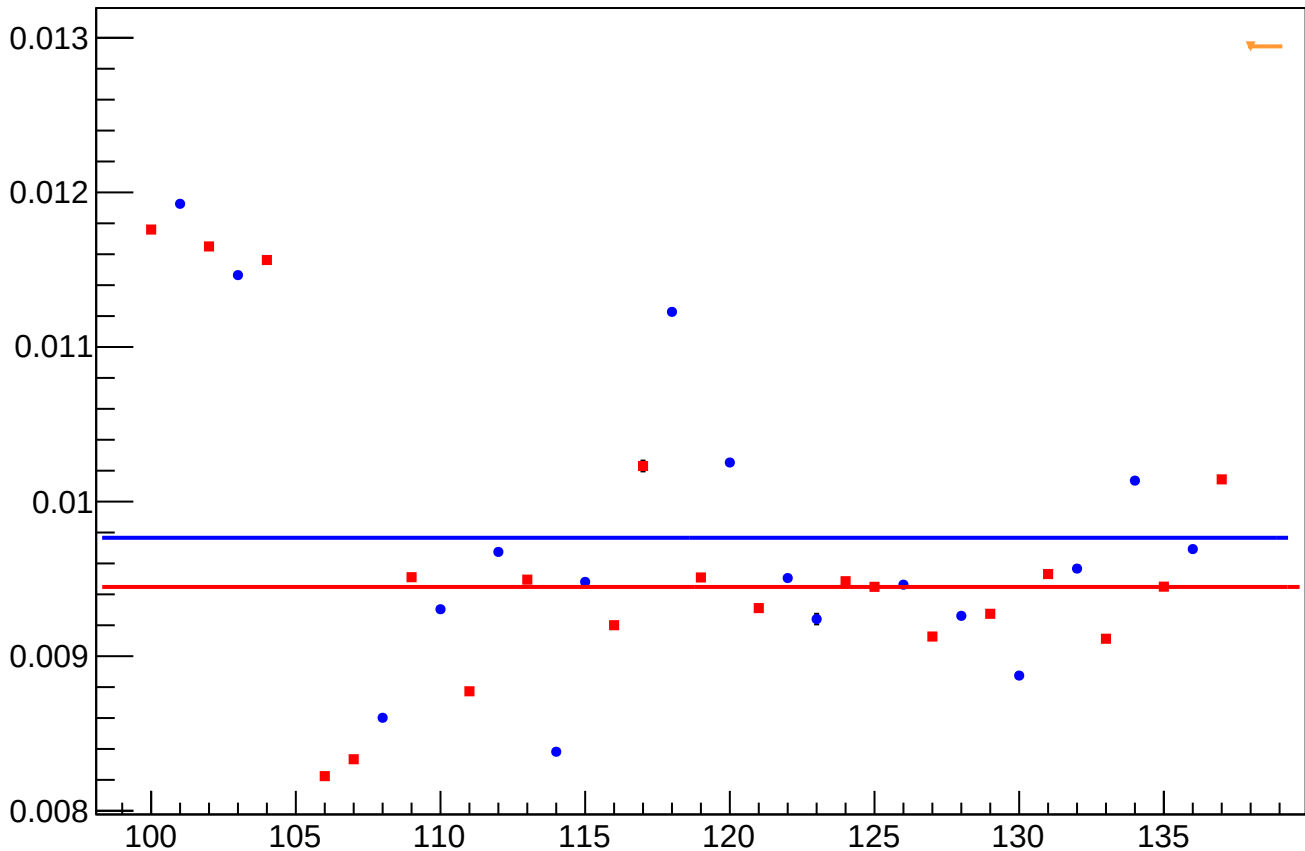
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 3421098683.6/17

0.027+/-0.000 χ^2/NDF : 4305477736.0/37

0.047+/-0.000 χ^2/NDF : 819626031.7/19

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 116638.3/16

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 111197.0/19

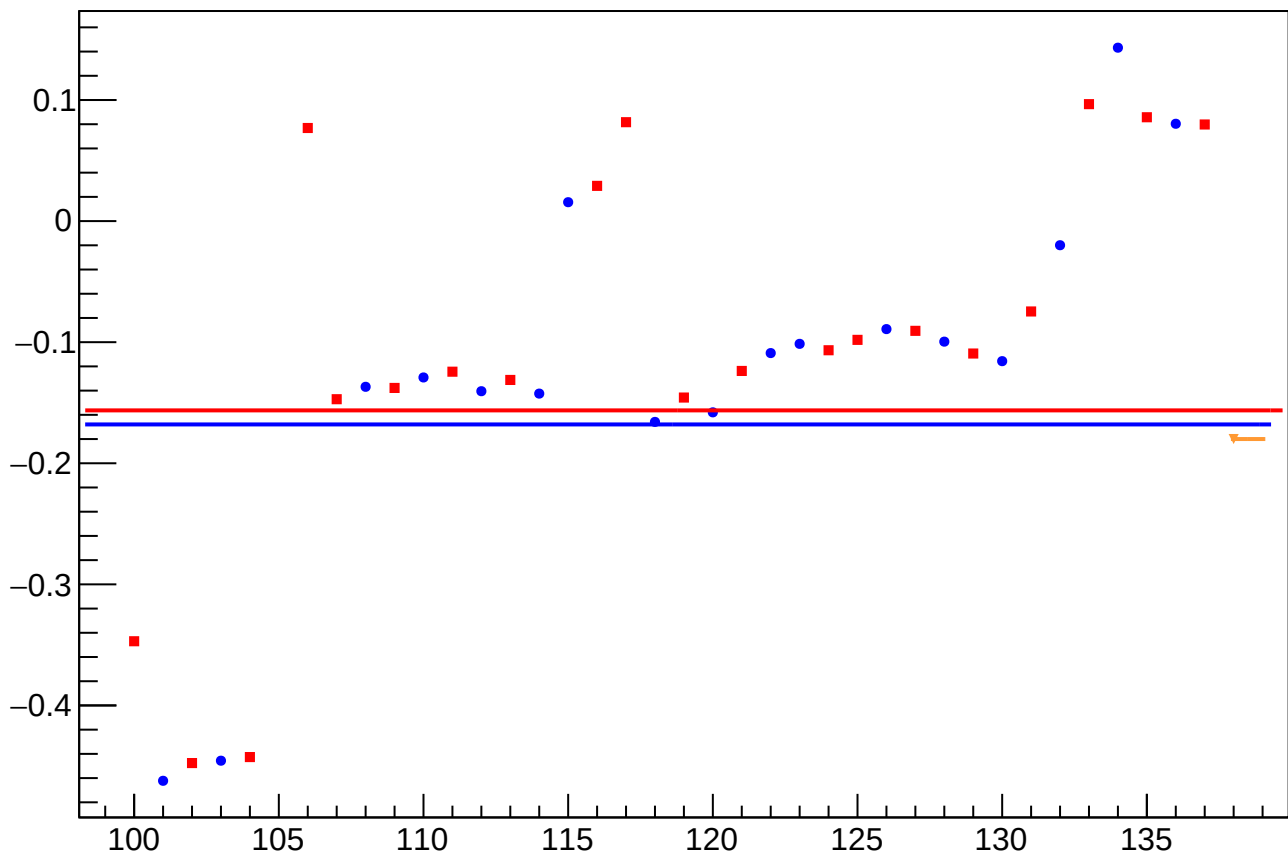
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 193767.8/17

0.010+/-0.000 χ^2/NDF : 323435.6/37

0.009+/-0.000 χ^2/NDF : 111197.0/19

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 12331812610.6/16

Left Out: -0.180+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

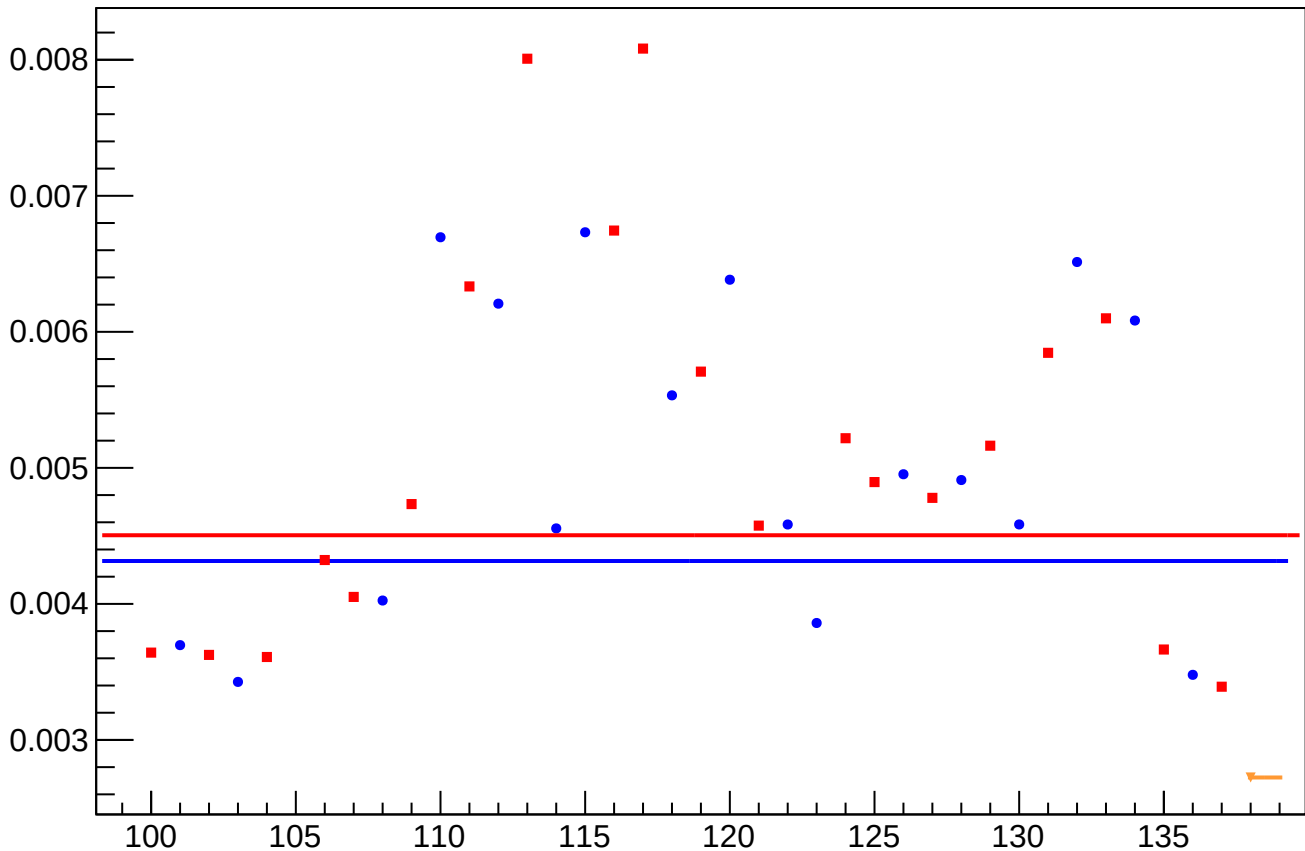
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.171+/-0.000 χ^2/NDF : 12342253361.4/17

-0.164+/-0.000 χ^2/NDF : 23439580626.9/3

-0.156+/-0.000 χ^2/NDF : 11061140252.3/19

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 619744.7/16

Left Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 665152.6/19

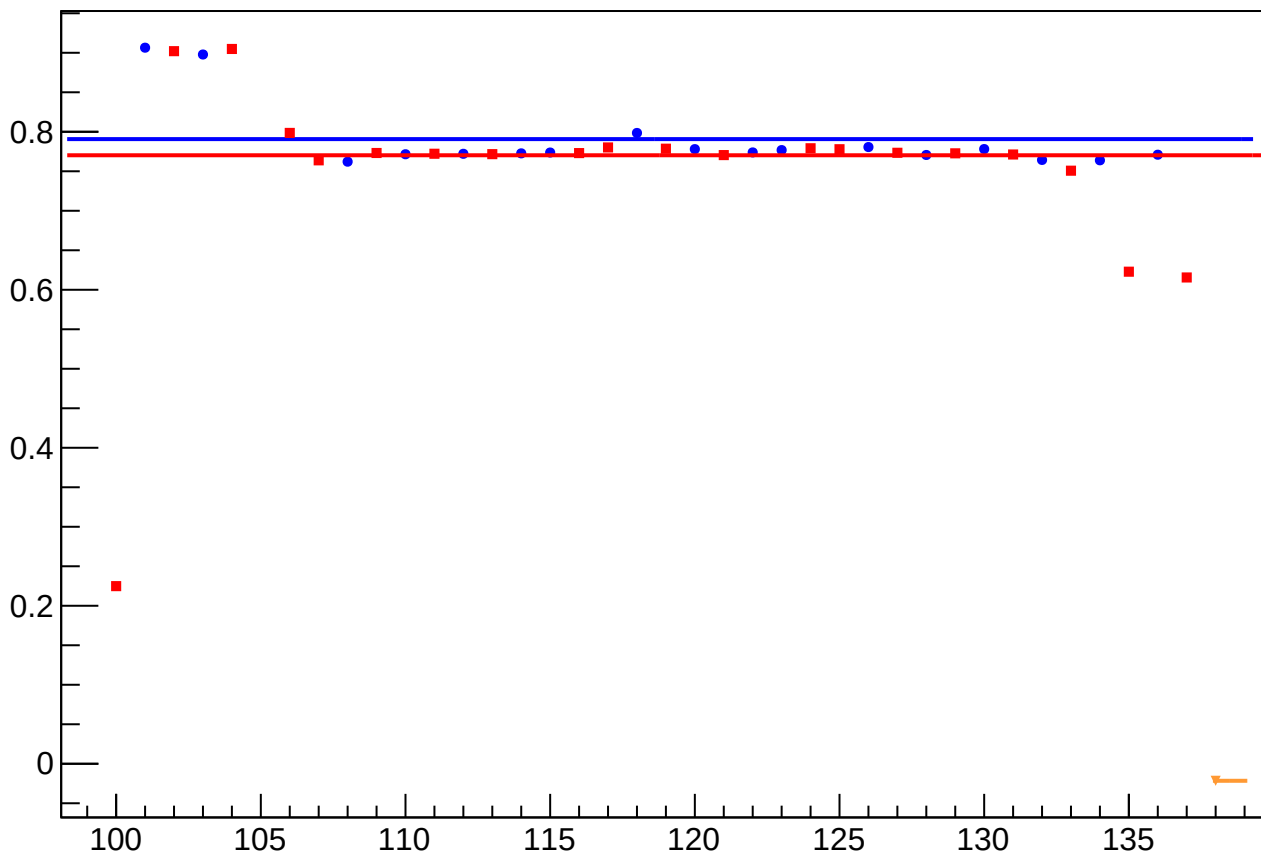
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 983409.1/17

0.004+/-0.000 χ^2/NDF : 1756638.8/37

0.005+/-0.000 χ^2/NDF : 665152.6/19

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.791+/-0.000 χ^2/NDF : 106705767.1/16

Left Out: -0.022+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.770+/-0.000 χ^2/NDF : 375473971.0/19

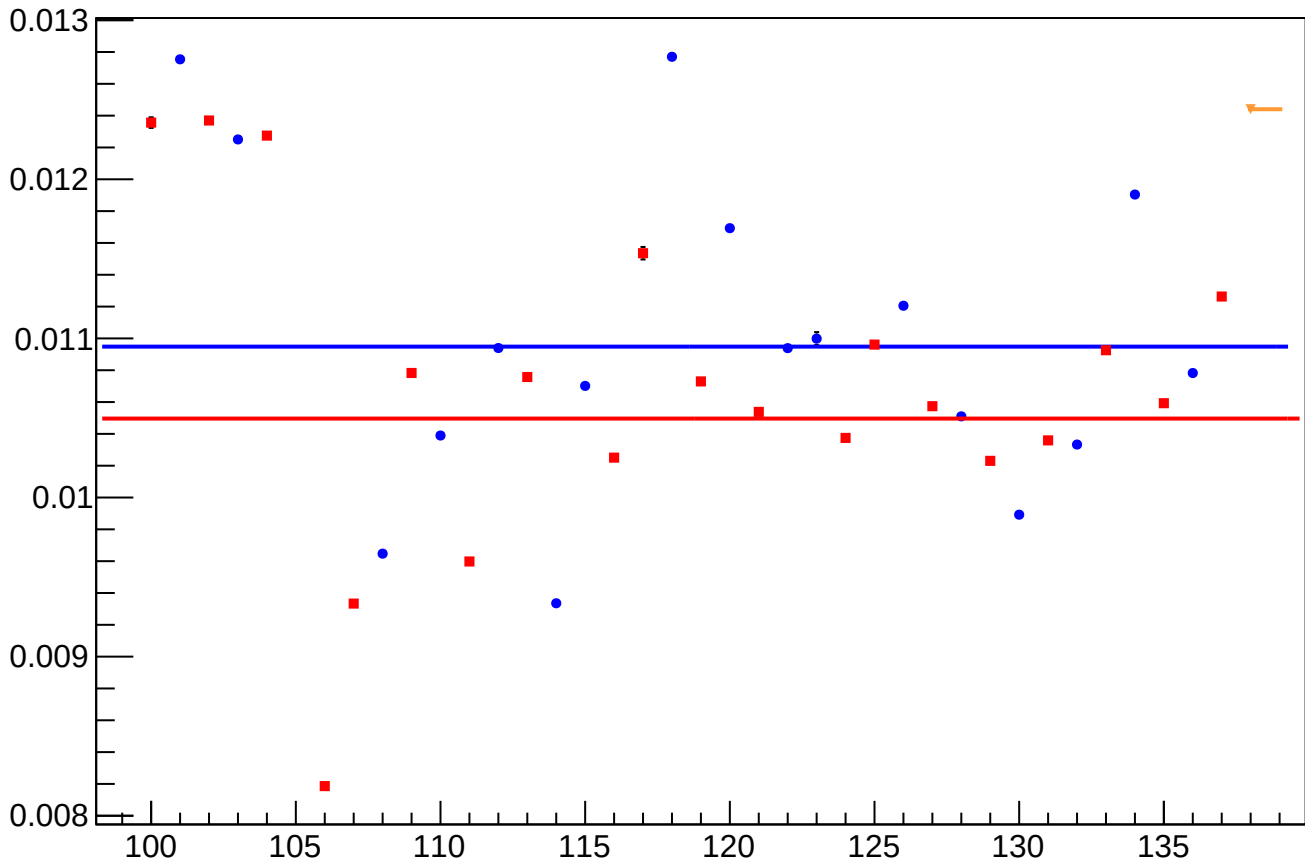
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.729+/-0.000 χ^2/NDF : 2797066751.2/17

0.751+/-0.000 χ^2/NDF : 3223770352.2/37

0.770+/-0.000 χ^2/NDF : 375473971.0/19

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 98551.4/16

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 120120.6/19

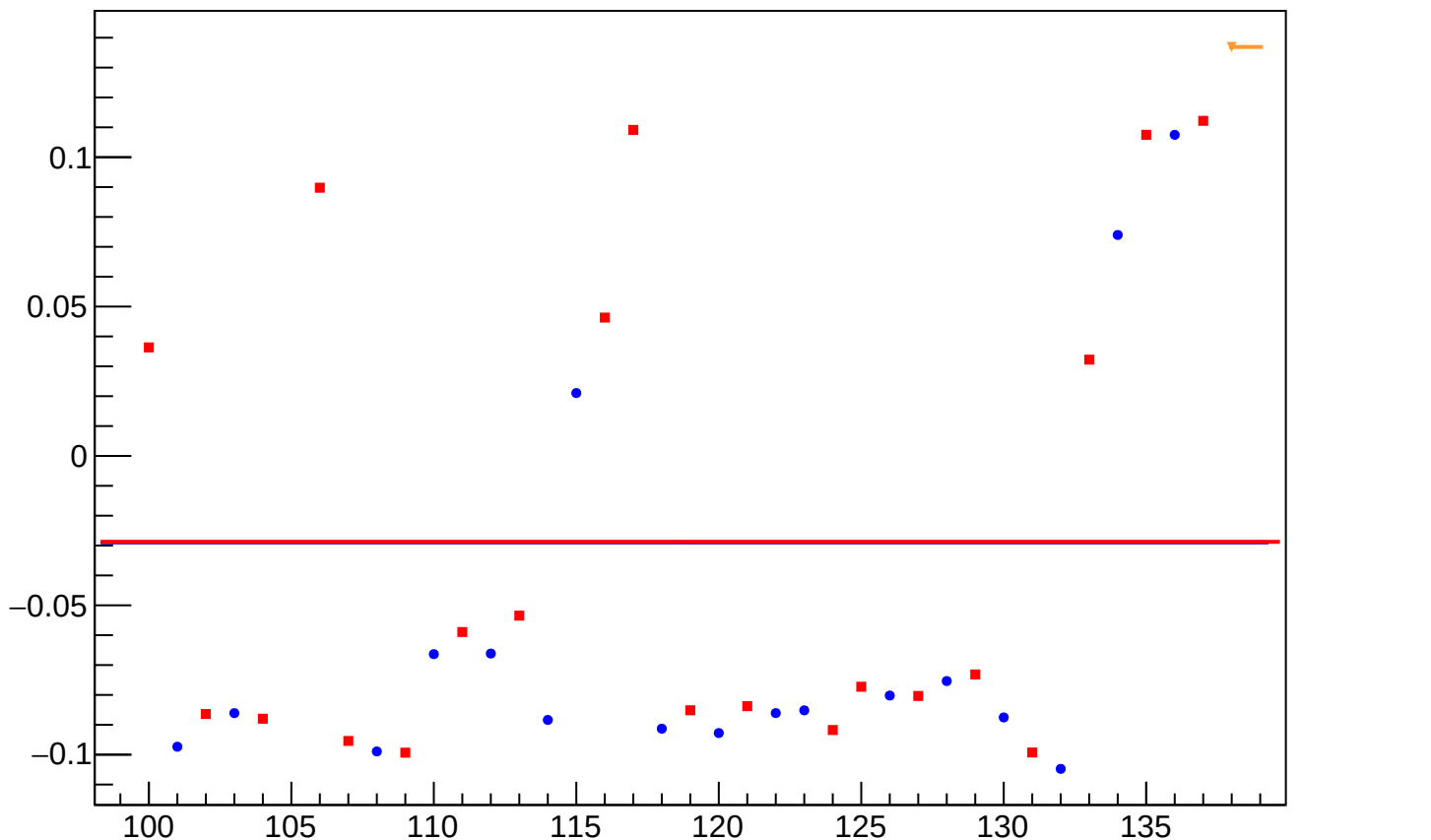
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 116704.8/17

0.011+/-0.000 χ^2/NDF : 256158.3/37

0.010+/-0.000 χ^2/NDF : 120120.6/19

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.000 χ^2/NDF : 2445975608.2/16

Left Out: 0.137+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4211469502.7/17

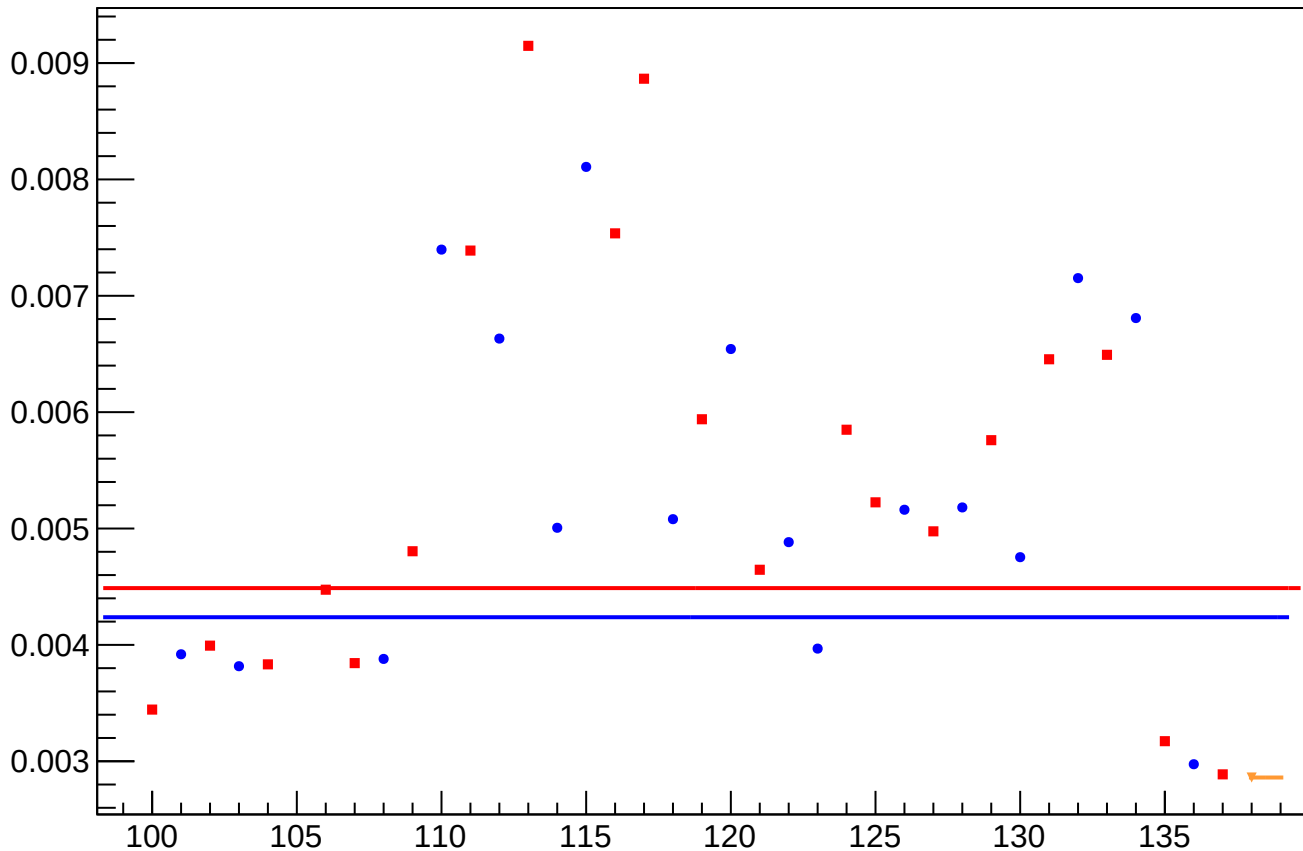
Right Out: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

-0.009+/-0.000 χ^2/NDF : 6535102608.8/3

-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, Sign Corrected



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

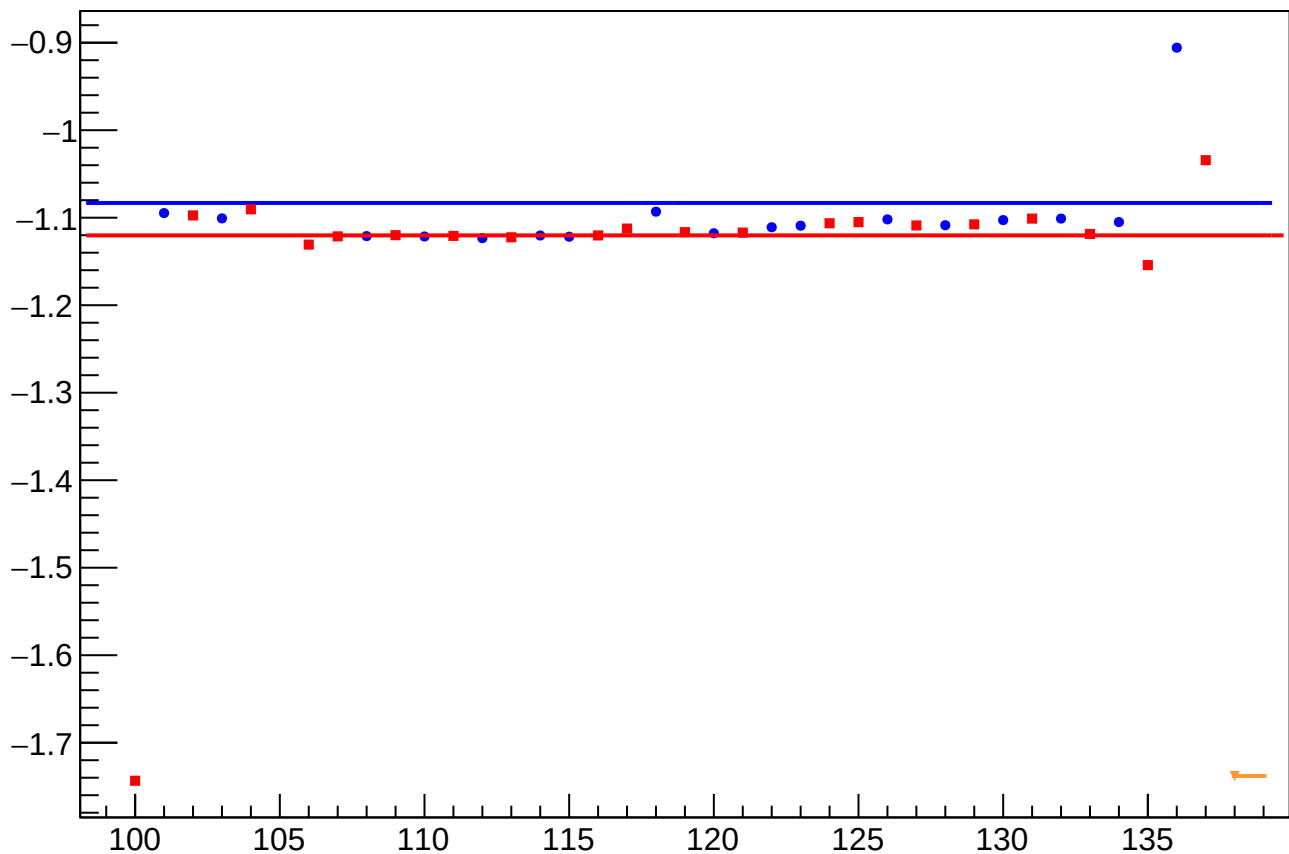
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 1125153.9/17

0.004+/-0.000 χ^2/NDF : 2225678.7/37

0.004+/-0.000 χ^2/NDF : 1003473.4/19

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 202920901.6/16

Left Out: -1.738+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

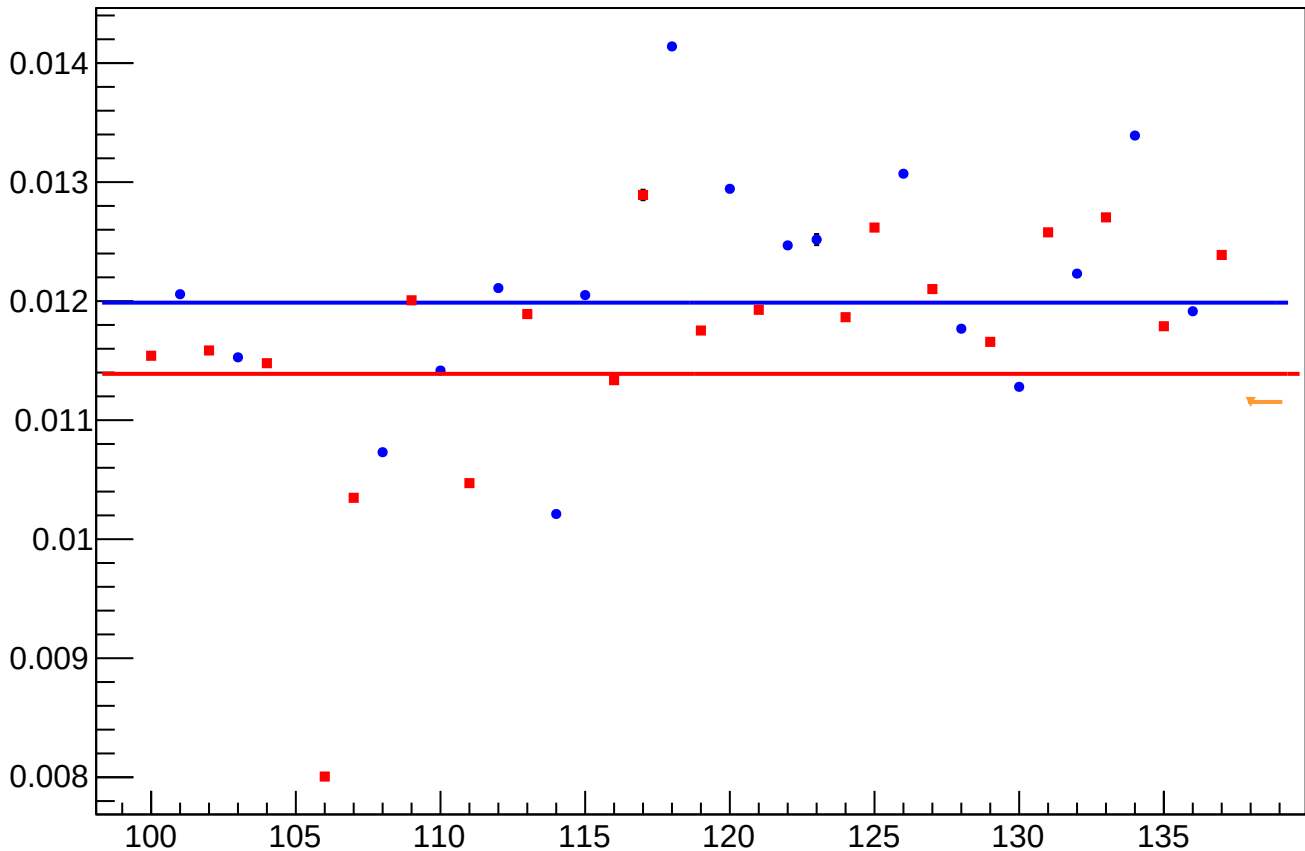
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.155+/-0.000 χ^2/NDF : 2308201132.9/17

-1.137+/-0.000 χ^2/NDF : 2559910470.8/3

-1.120+/-0.000 χ^2/NDF : 220586820.0/19

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 60402.0/16

Left Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 155700.3/19

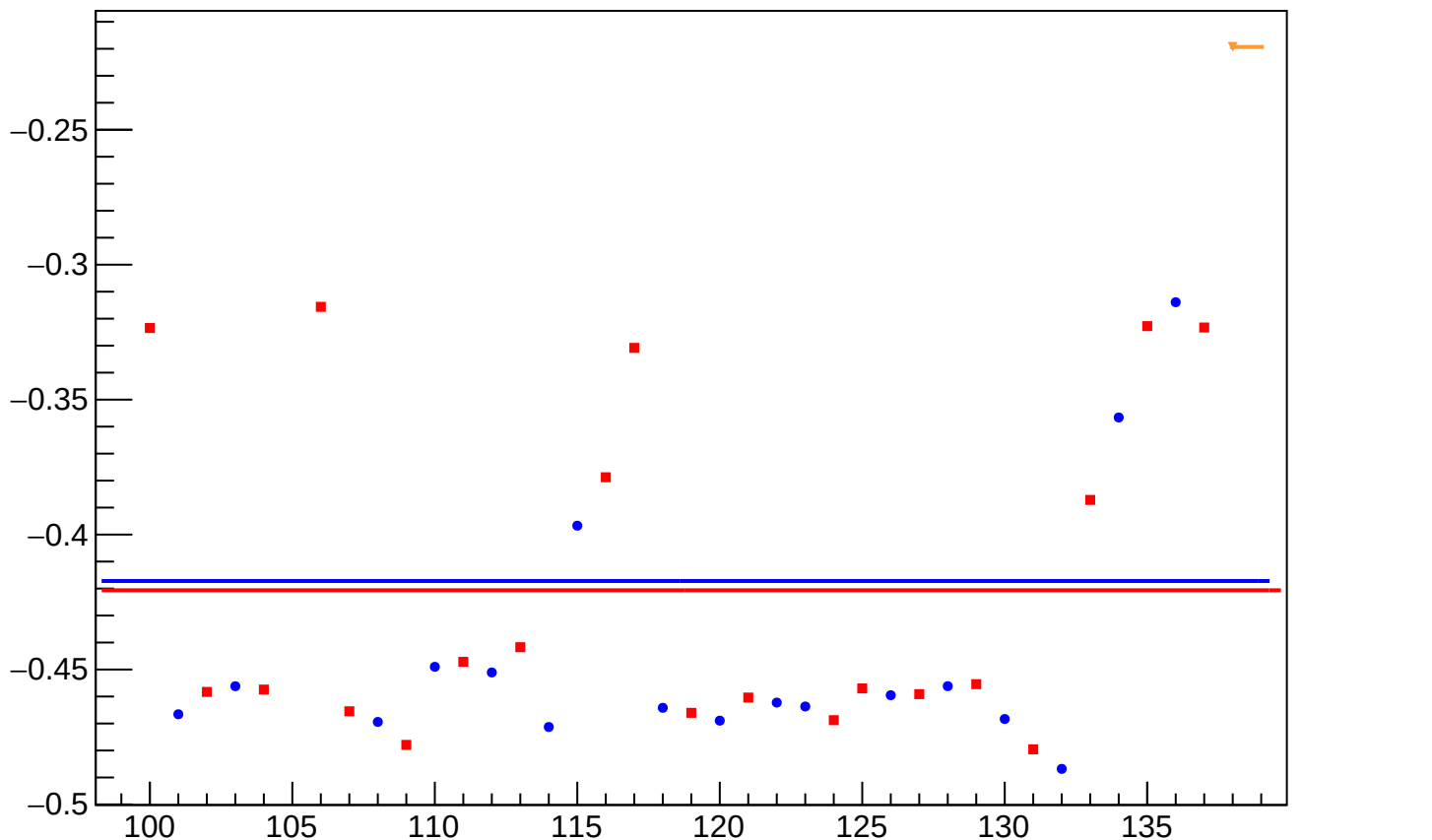
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 67236.9/17

0.012+/-0.000 χ^2/NDF : 236209.5/37

0.011+/-0.000 χ^2/NDF : 155700.3/19

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.417+/-0.000 χ^2/NDF : 2039045143.8/16

Left Out: -0.219+/-0.000 χ^2/NDF : 0.0/0

-0.393+/-0.000 χ^2/NDF : 4124321646.9/17

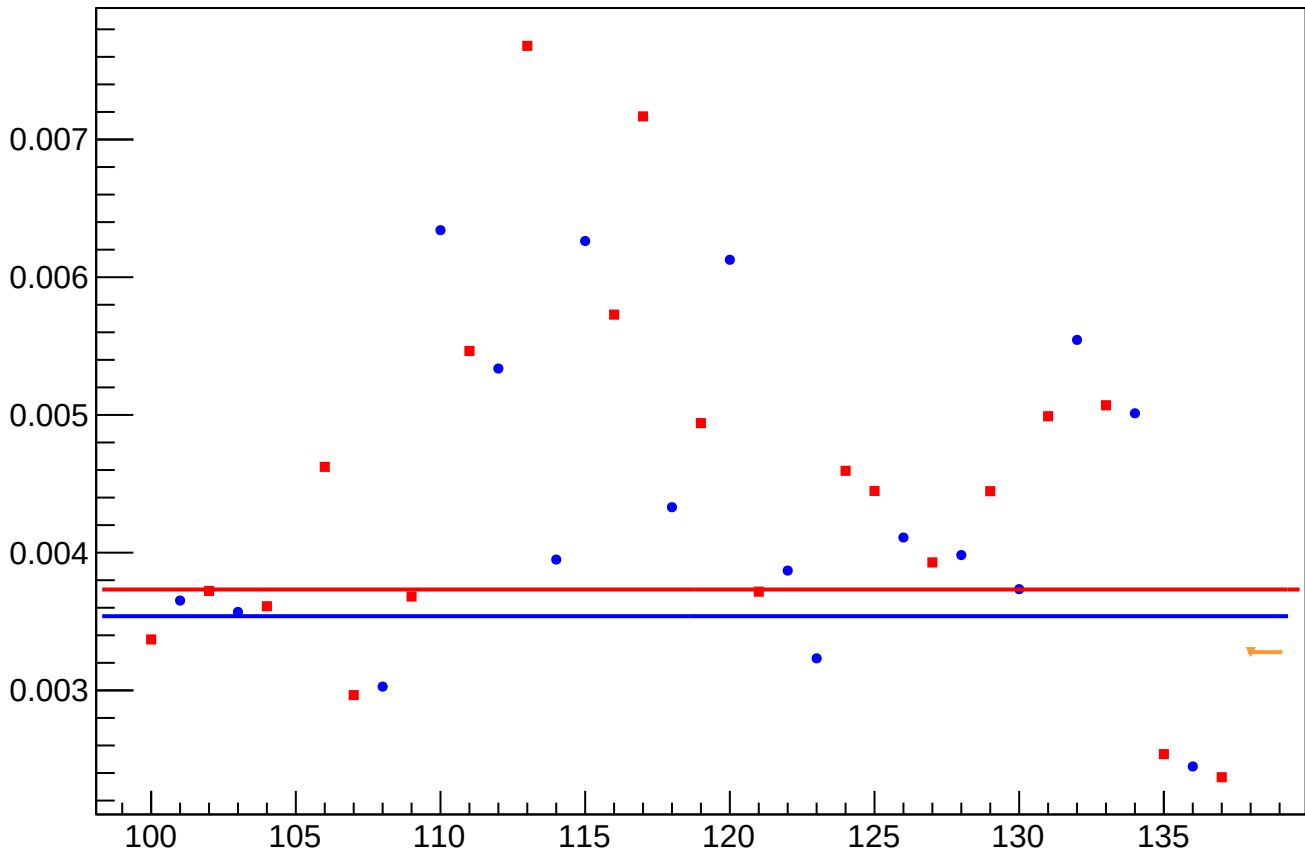
Right Out: -0.421+/-0.000 χ^2/NDF : 1652792044.5/19

-0.406+/-0.000 χ^2/NDF : 5952023829.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.421+/-0.000 χ^2/NDF : 1652792044.5/19

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 836154.0/16

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 916963.6/19

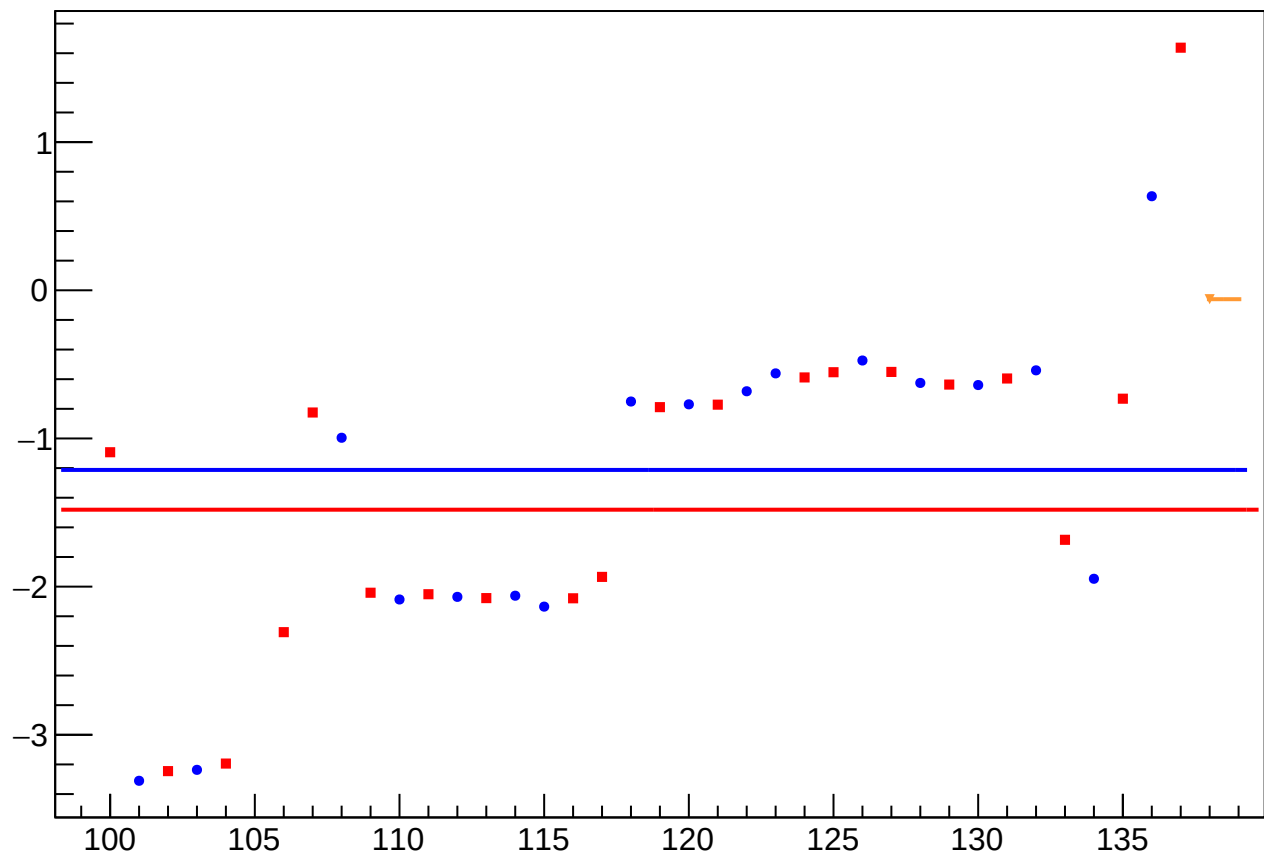
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 843409.3/17

0.004 $\pm$ 0.000 χ^2 /NDF: 1783644.6/37

0.004 $\pm$ 0.000 χ^2 /NDF: 916963.6/19

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.212+/-0.000 χ^2/NDF : 1992853443.9/16

Left Out: -0.060+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

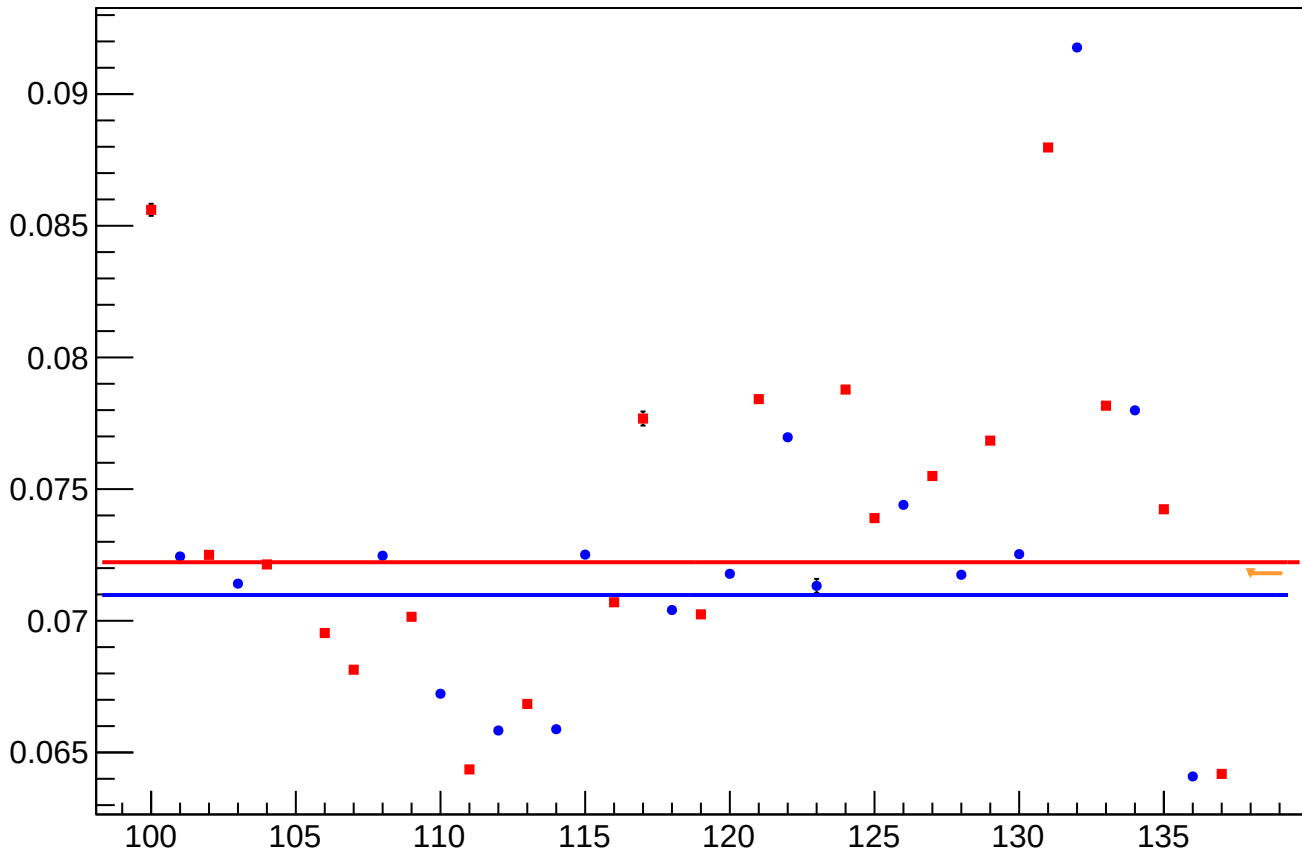
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.099+/-0.000 χ^2/NDF : 2162849130.9/17

-1.283+/-0.000 χ^2/NDF : 3843871475.1/3

-1.481+/-0.000 χ^2/NDF : 1579722113.8/19

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 77589.5/16

Left Out: 0.072+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

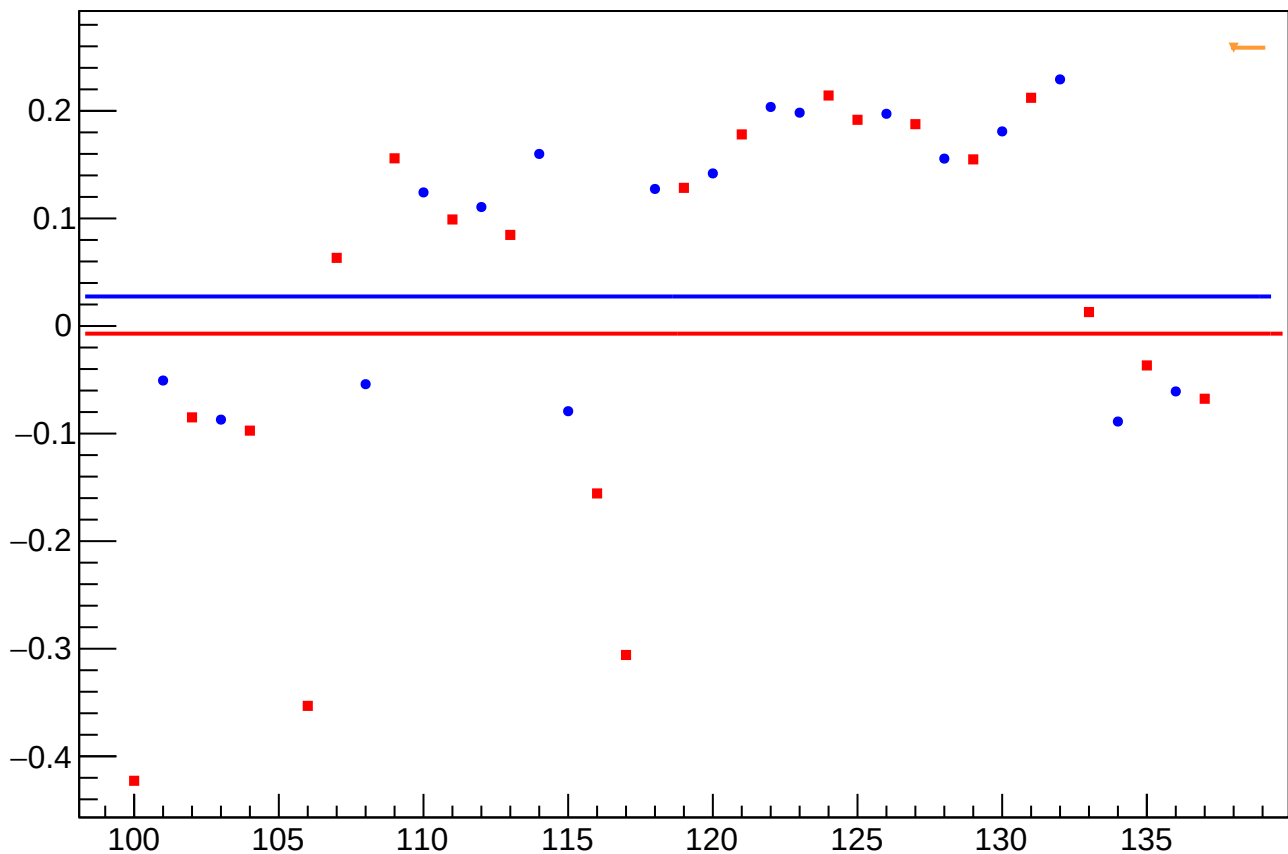
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.071+/-0.000 χ^2/NDF : 77764.7/17

0.072+/-0.000 χ^2/NDF : 153302.5/37

0.072+/-0.000 χ^2/NDF : 73650.9/19

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 562337631.4/16

Left Out: 0.259+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

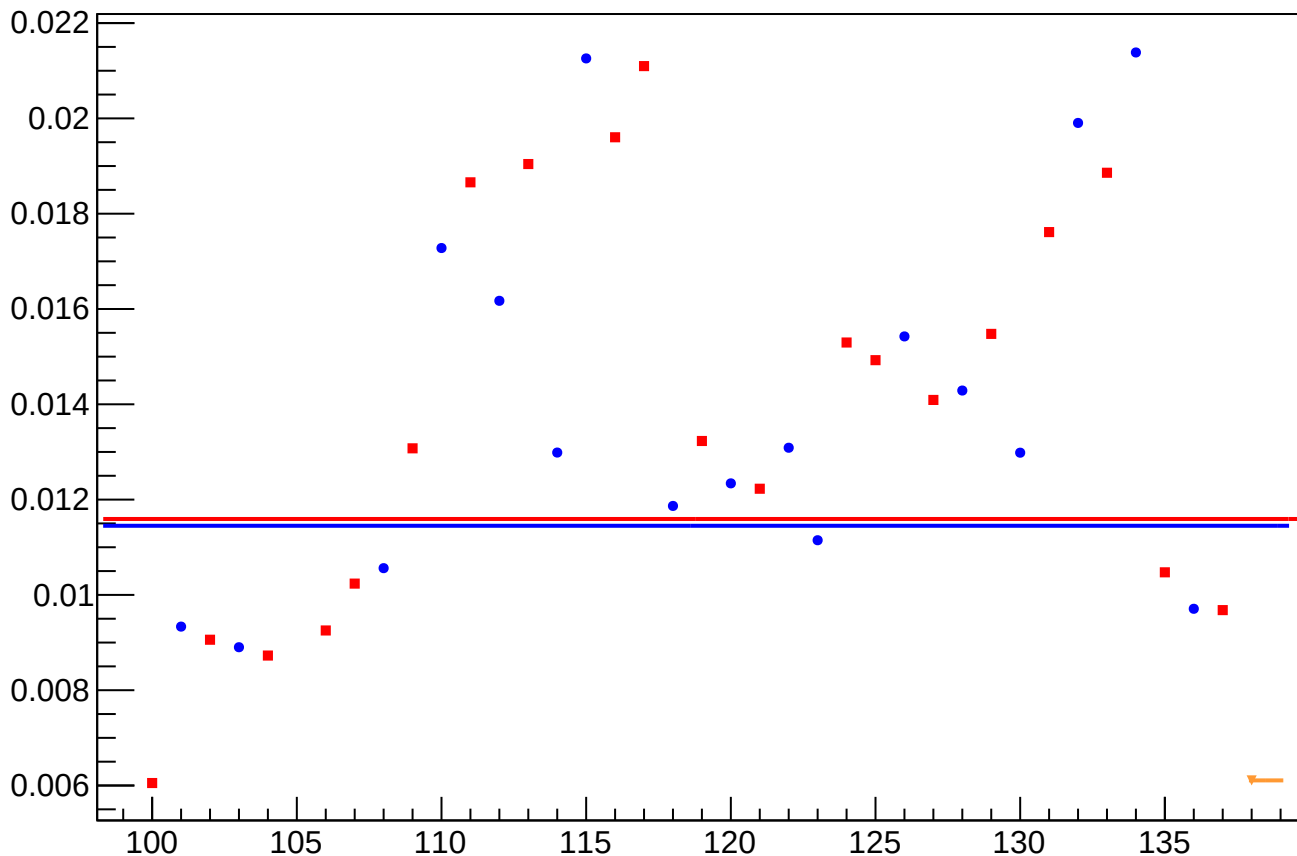
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.095+/-0.000 χ^2/NDF : 1247145761.3/17

0.052+/-0.000 χ^2/NDF : 2723578079.4/37

-0.007+/-0.000 χ^2/NDF : 1207003891.2/19

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1012799.2/19

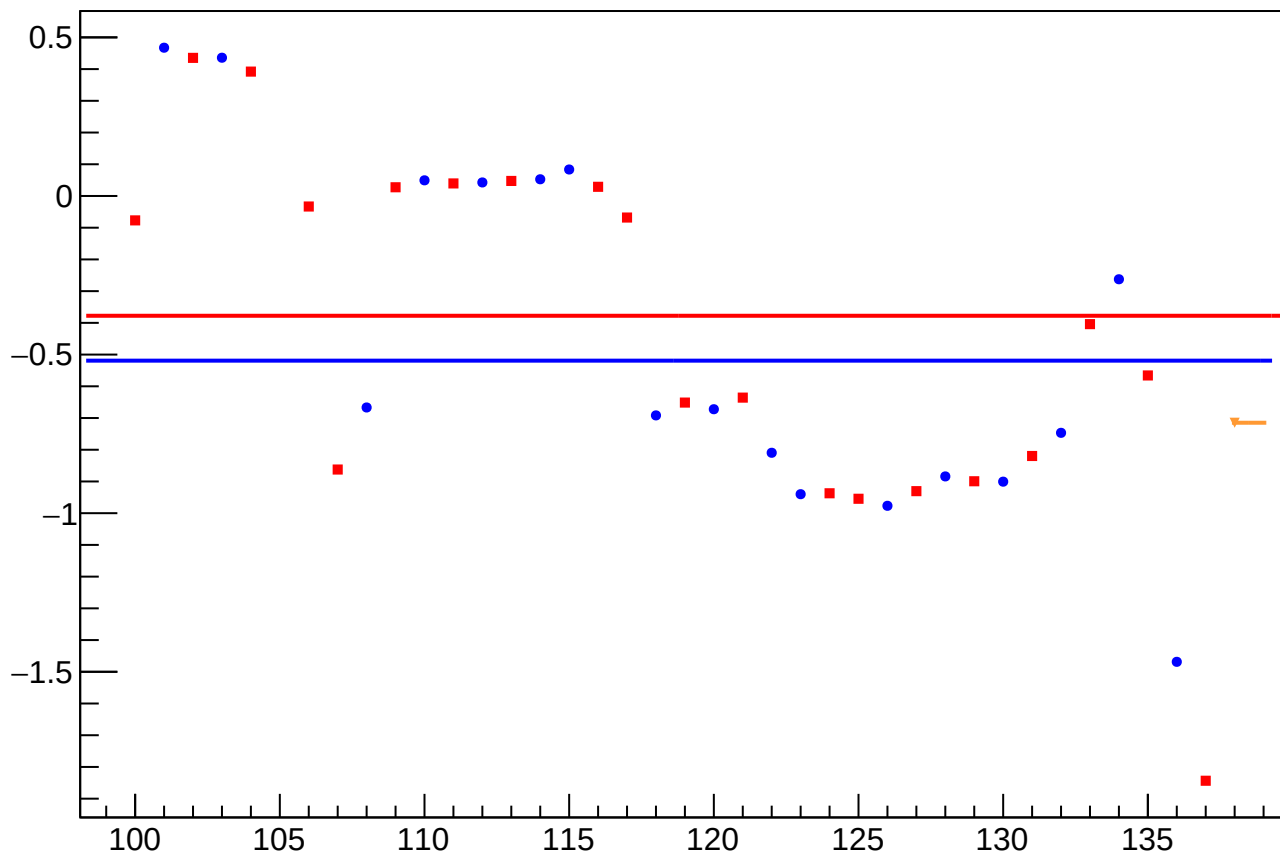
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 1410652.5/17

0.011+/-0.000 χ^2/NDF : 2573427.9/37

0.012+/-0.000 χ^2/NDF : 1012799.2/19

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.519+/-0.000 χ^2/NDF : 339383872.4/16

Left Out: -0.715+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.378+/-0.000 χ^2/NDF : 269130827.6/19

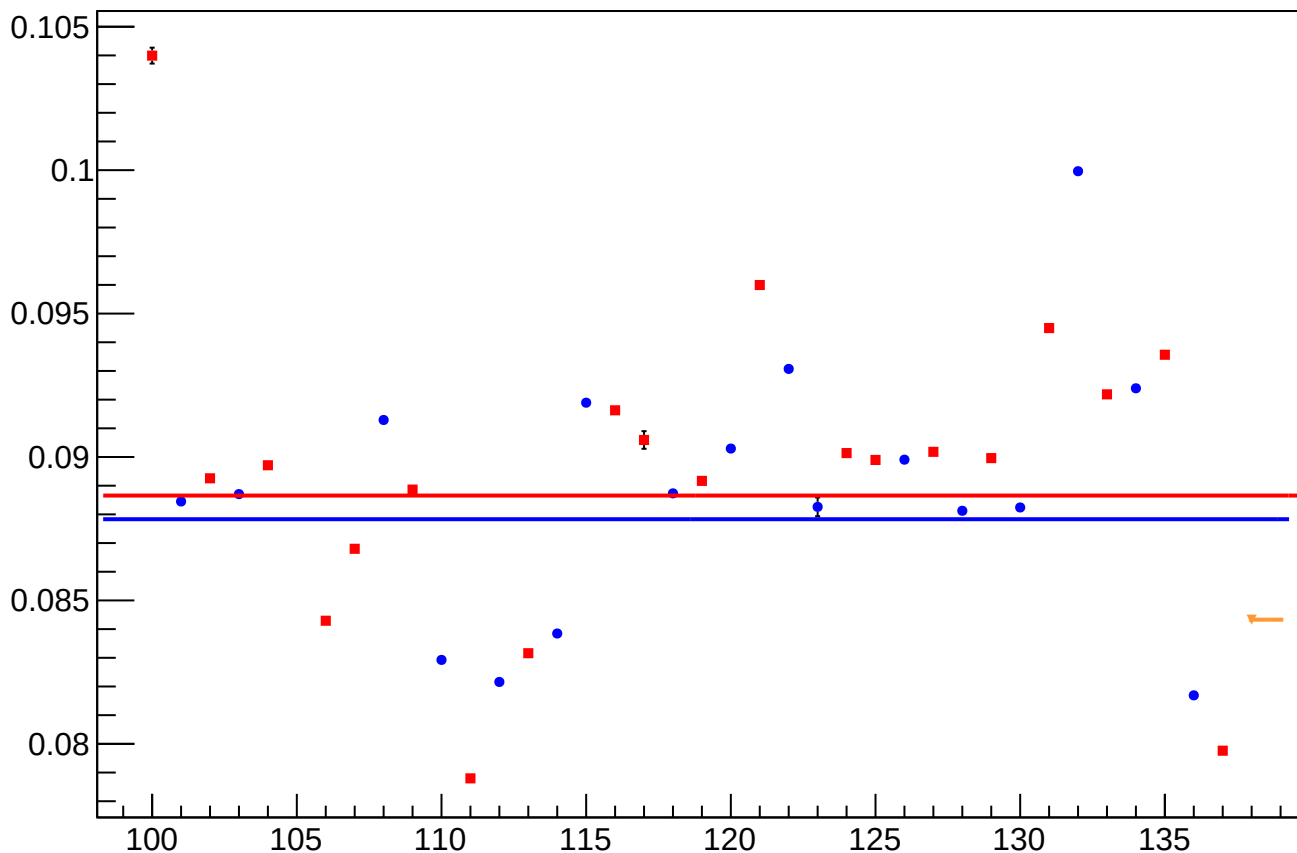
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.540+/-0.000 χ^2/NDF : 342917522.6/17

-0.461+/-0.000 χ^2/NDF : 624405723.0/37

-0.378+/-0.000 χ^2/NDF : 269130827.6/19

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 34954.4/16

Left Out: 0.084+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.000 χ^2/NDF : 39762.8/19

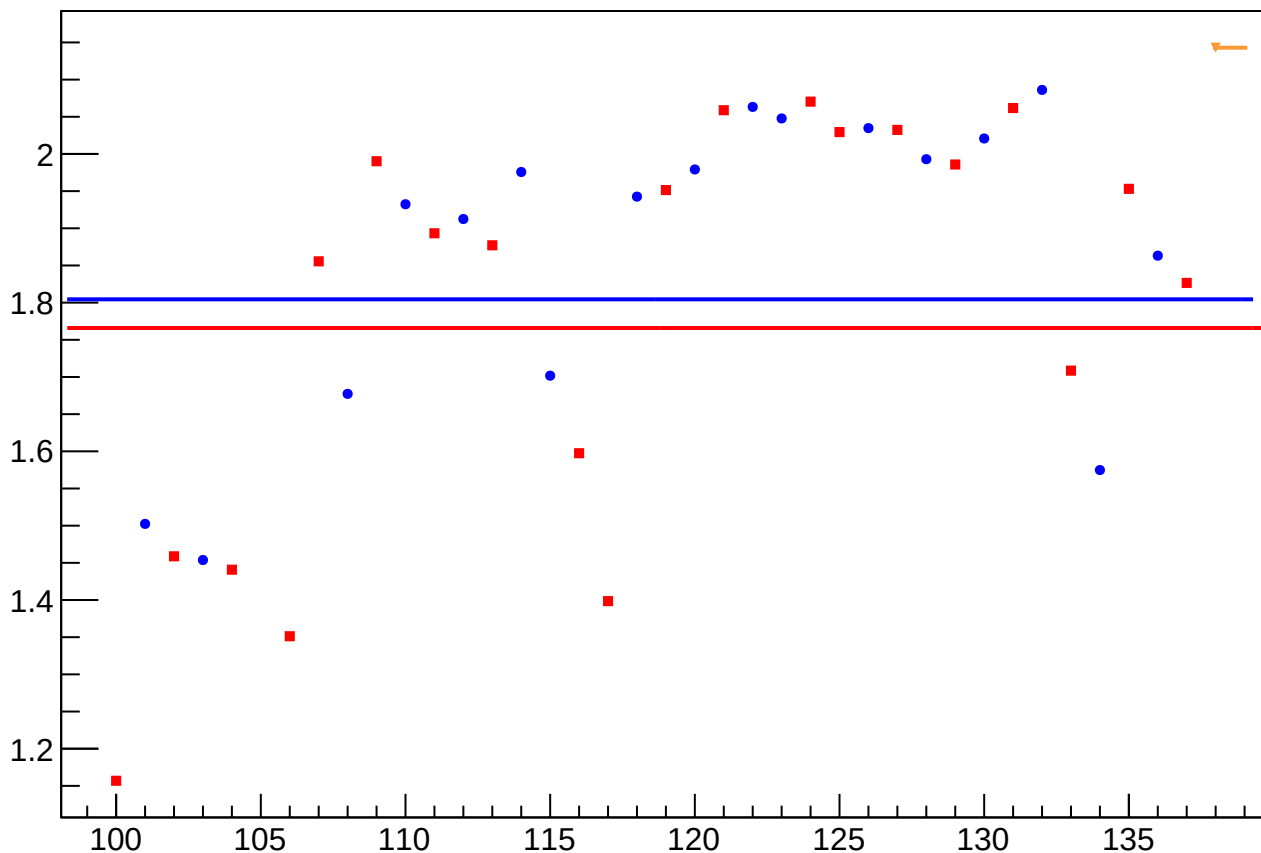
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.087+/-0.000 χ^2/NDF : 37216.5/17

0.088+/-0.000 χ^2/NDF : 78324.3/37

0.089+/-0.000 χ^2/NDF : 39762.8/19

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.804 $\pm$ 0.000 χ^2 /NDF: 1156747883.2/16

Left Out: 2.143 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.766 $\pm$ 0.000 χ^2 /NDF: 1717275187.7/19

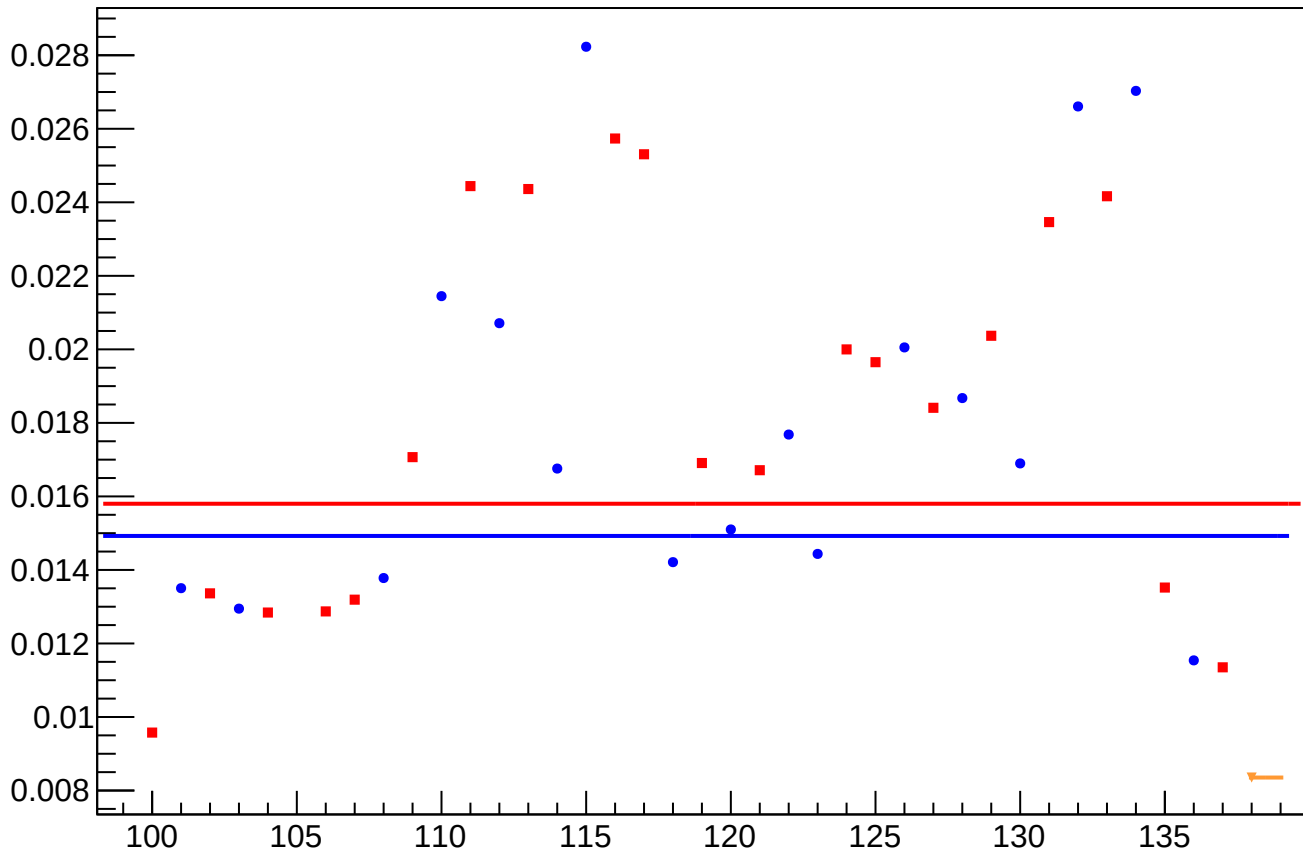
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.900 $\pm$ 0.000 χ^2 /NDF: 1991878749.0/17

1.846 $\pm$ 0.000 χ^2 /NDF: 3970002245.1/37

1.766 $\pm$ 0.000 χ^2 /NDF: 1717275187.7/19

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

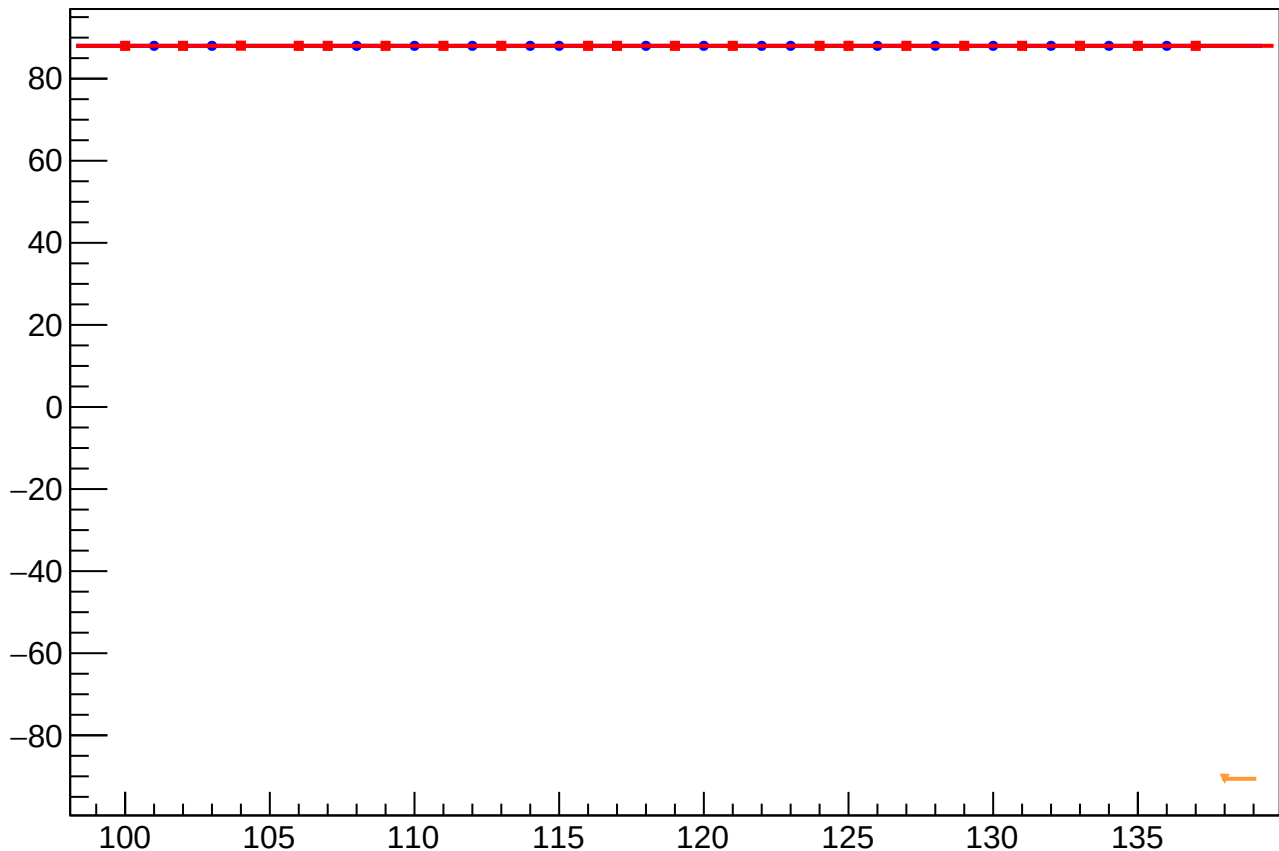
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1273208.1/17

0.014+/-0.000 χ^2/NDF : 2286334.4/37

0.016+/-0.000 χ^2/NDF : 796839.8/19

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 1852068.7/16

Left Out: -90.599 $\pm$ 0.000 χ^2 /NDF: 0.0/0

69.956 $\pm$ 0.000 χ^2 /NDF: 223665851129533540

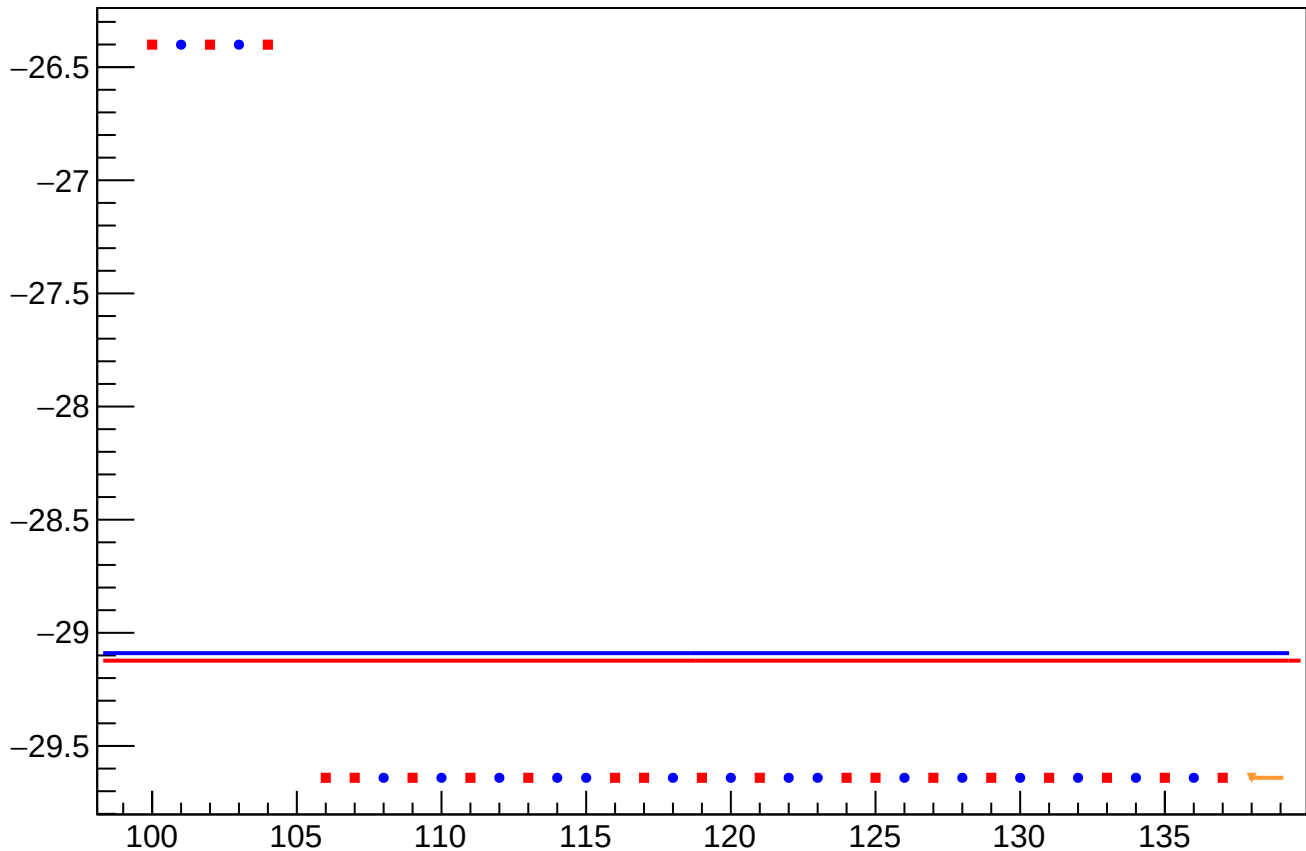
78.702 $\pm$ 0.000 χ^2 /NDF: 2358528468085

Right Out: 88.004 $\pm$ 0.000 χ^2 /NDF: 77578366411928007427611426816.0/19

88.004 $\pm$ 0.000 χ^2 /NDF: 775783664119280074

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_HWienAngles_mean vs Slug, Sign Corrected



Right In: -29.090+/-0.000 χ^2/NDF : 1028099246109521929793835198578688.0/16

Left Out: -29.641+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19

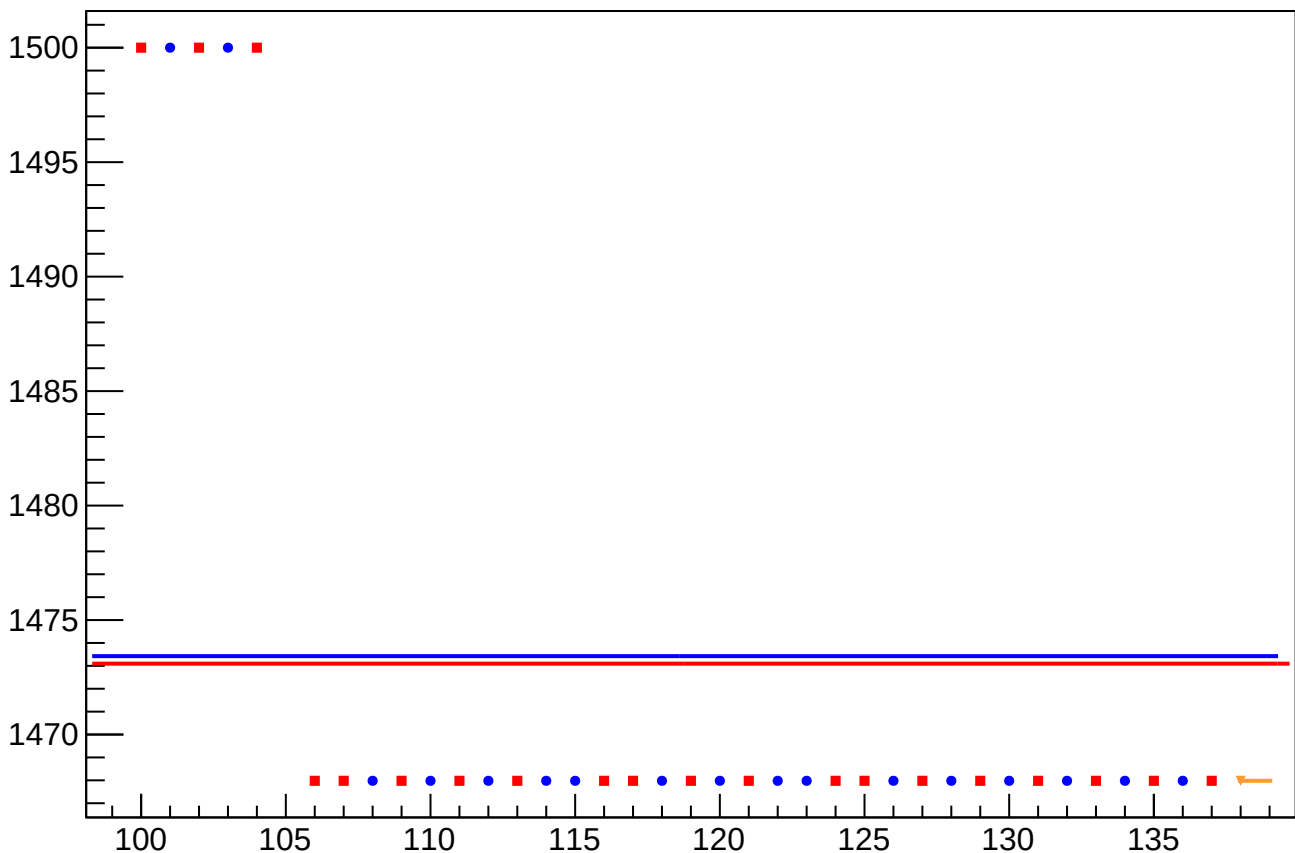
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.145+/-0.000 χ^2/NDF : 10493792580310956

-29.135+/-0.000 χ^2/NDF : 207272238825

-29.123+/-0.000 χ^2/NDF : 10231545123967022

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 1467.979+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

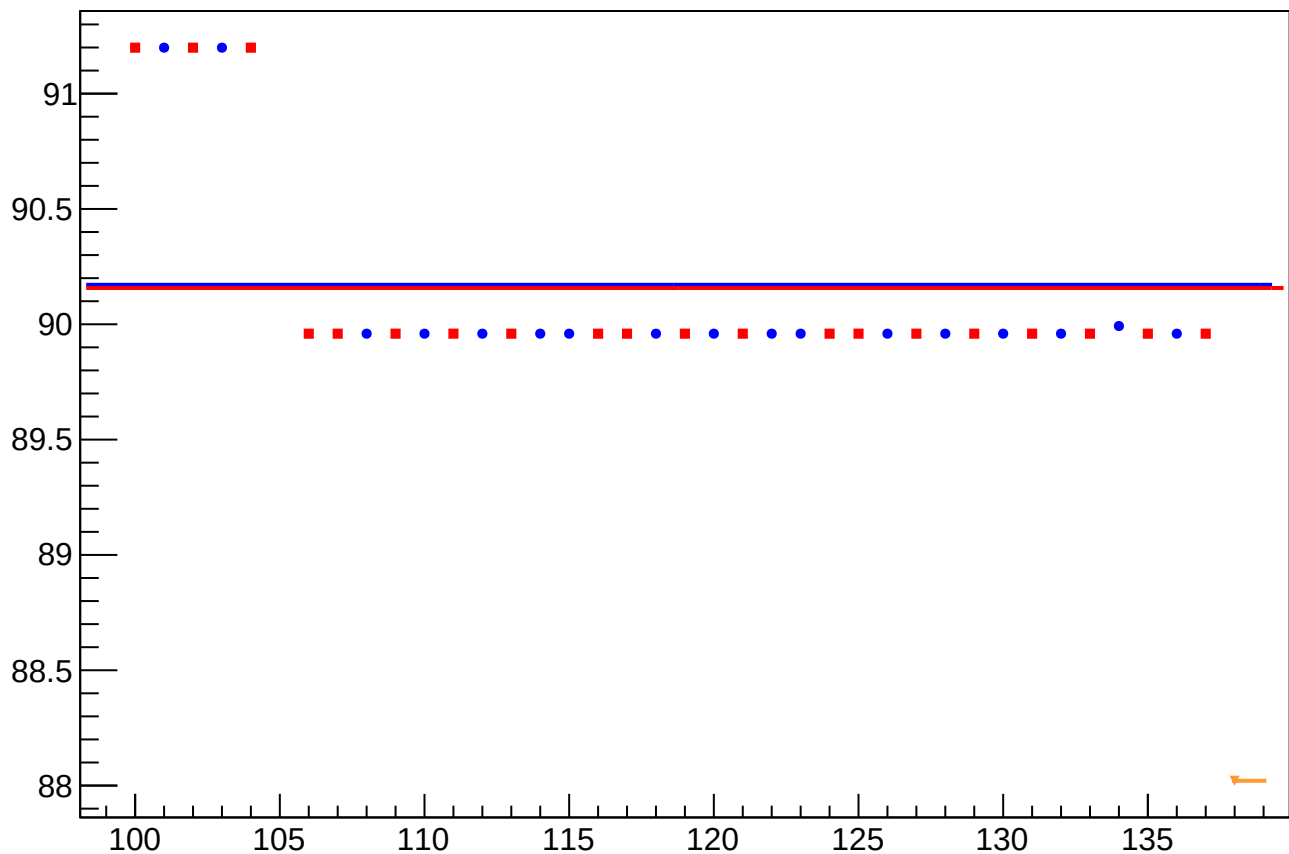
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1472.874+/-0.000 χ^2/NDF : 1024998562206329

1472.981+/-0.000 χ^2/NDF : 20245659055

1473.096+/-0.000 χ^2/NDF : 9993831077709961

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 90.171+/-0.000 χ^2/NDF : 150316905454500935857801185460224.0/16

Left Out: 88.021+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

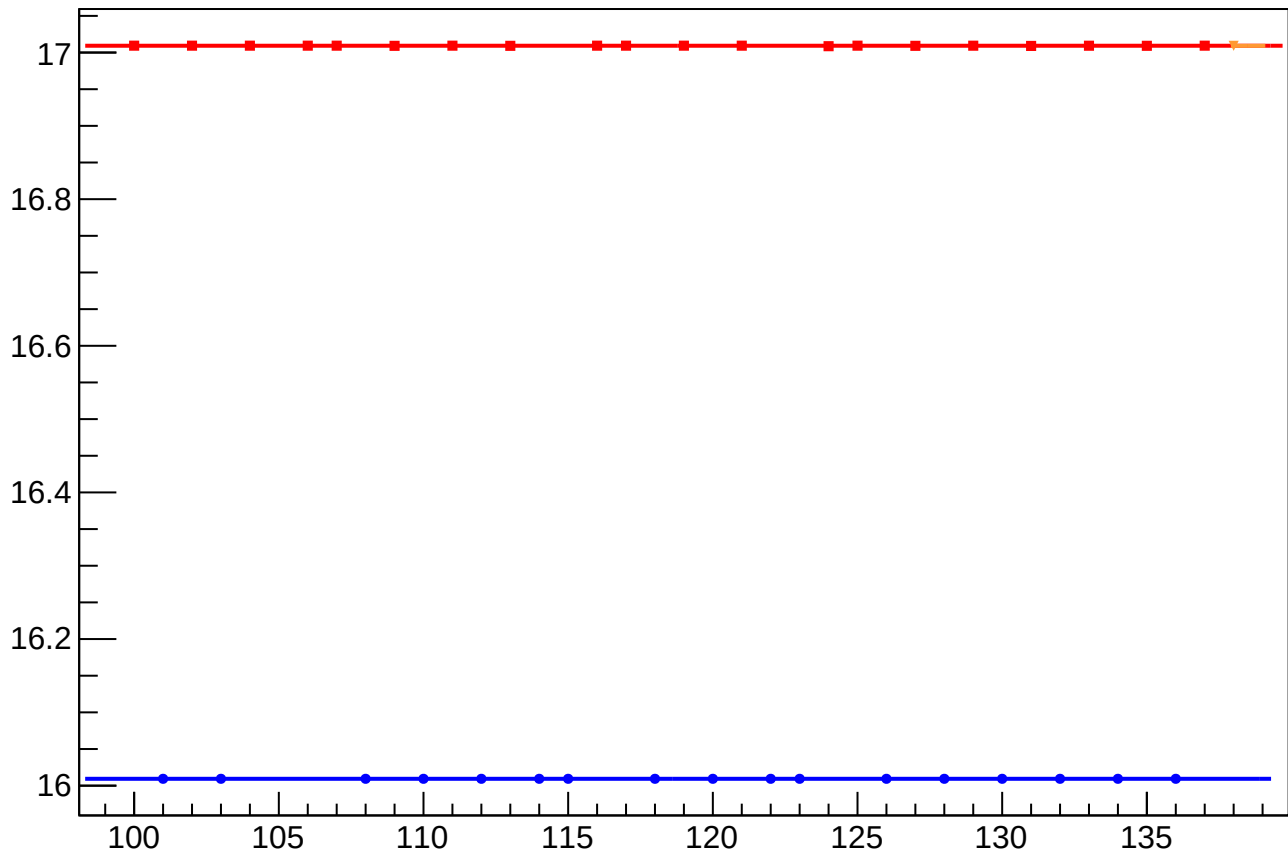
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.954+/-0.000 χ^2/NDF : 474572294499332250

90.053+/-0.000 χ^2/NDF : 6399391017041

90.157+/-0.000 χ^2/NDF : 149863052341628336

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 44327.7/16

Left Out: 17.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

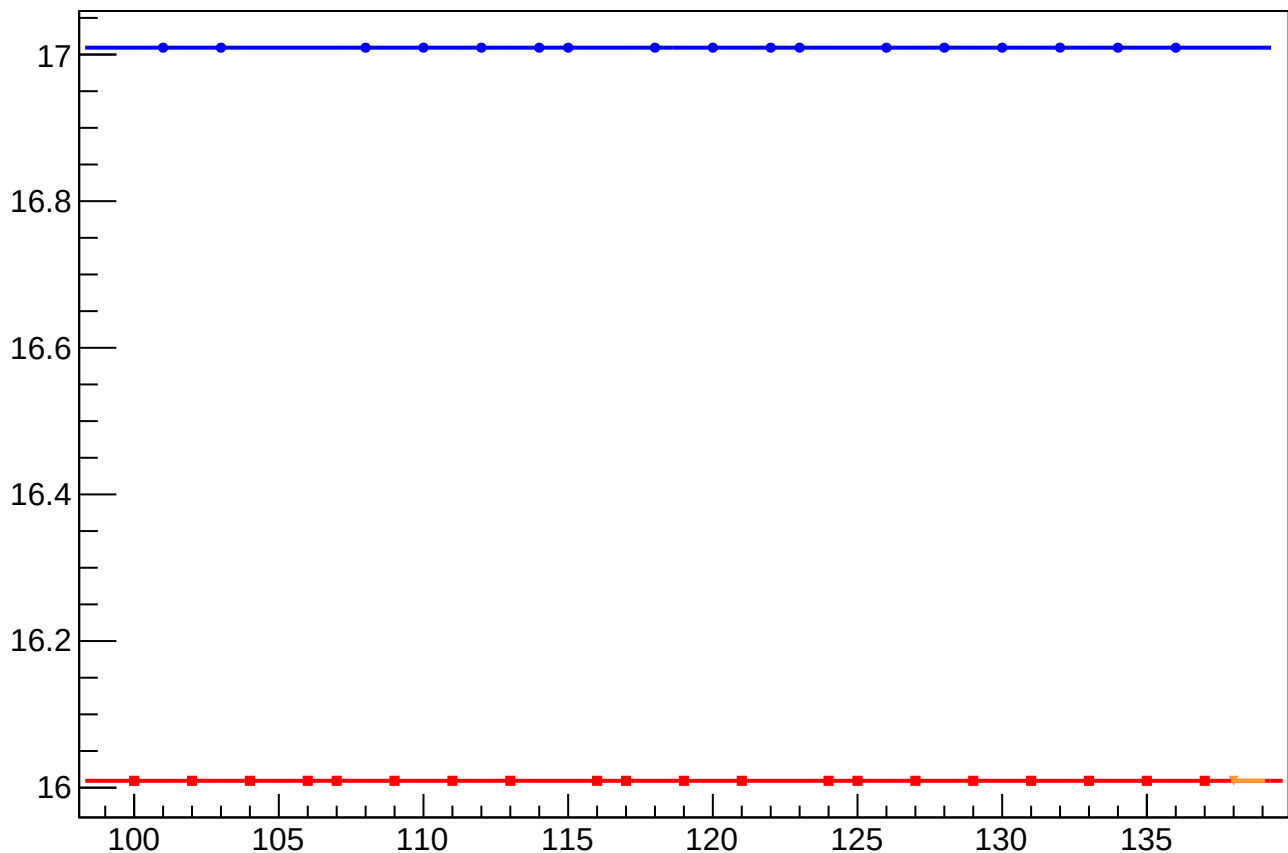
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.103+/-0.000 χ^2/NDF : 616430842755288983

16.532+/-0.000 χ^2/NDF : 3461937034420

17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 132629.6/16

Left Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 42750.0/19

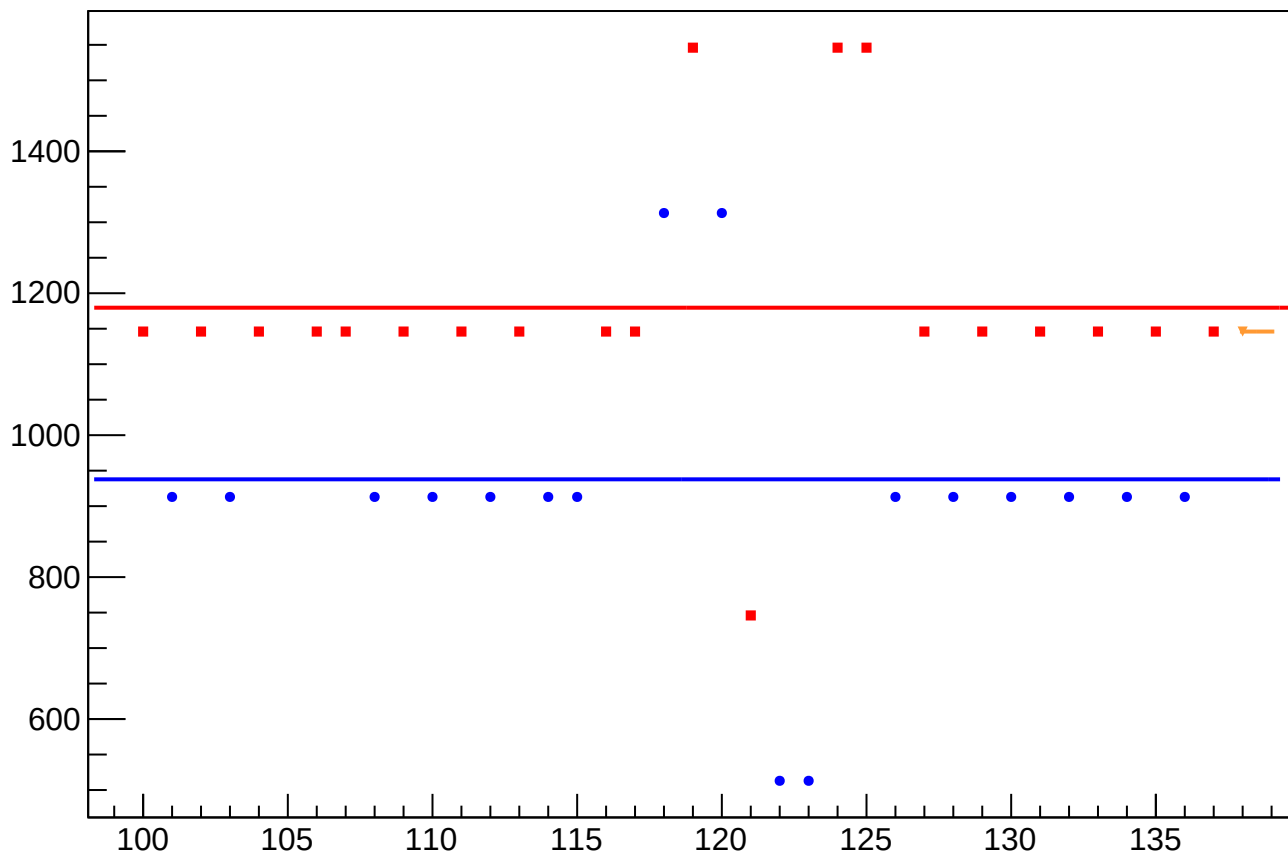
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.904 $\pm$ 0.000 χ^2 /NDF: 697783783783776940

16.463 $\pm$ 0.000 χ^2 /NDF: 3616271418779

16.009 $\pm$ 0.000 χ^2 /NDF: 42750.0/19

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 1146.013+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

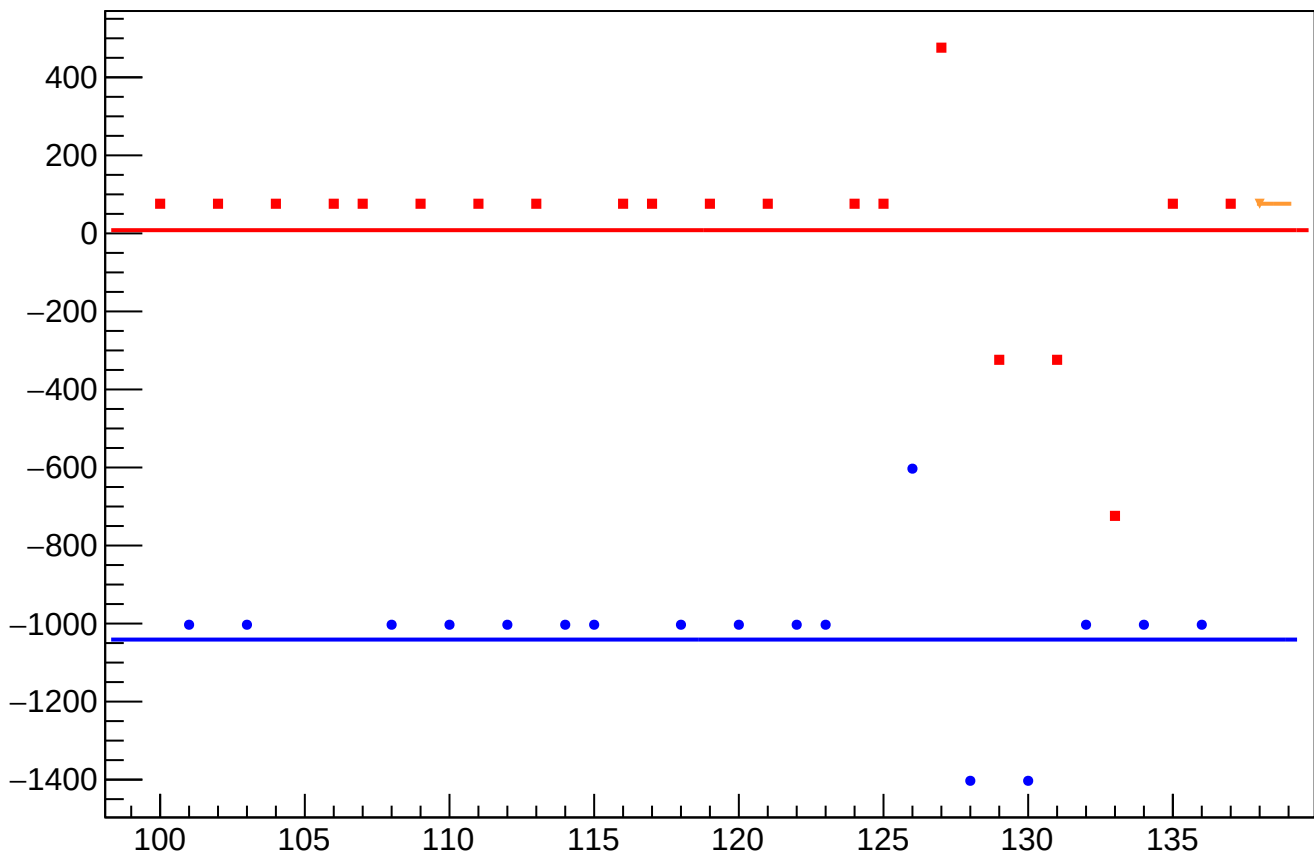
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

958.818+/-0.000 χ^2/NDF : 23895515149428522

1065.828+/-0.000 χ^2/NDF : 63556881674

1179.619+/-0.000 χ^2/NDF : 2142065973173867

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

Left Out: 76.009+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-928.168+/-0.000 χ^2/NDF : 1101684148043128

-474.341+/-0.000 χ^2/NDF : 48210859735

8.240+/-0.000 χ^2/NDF : 4386539174497233813