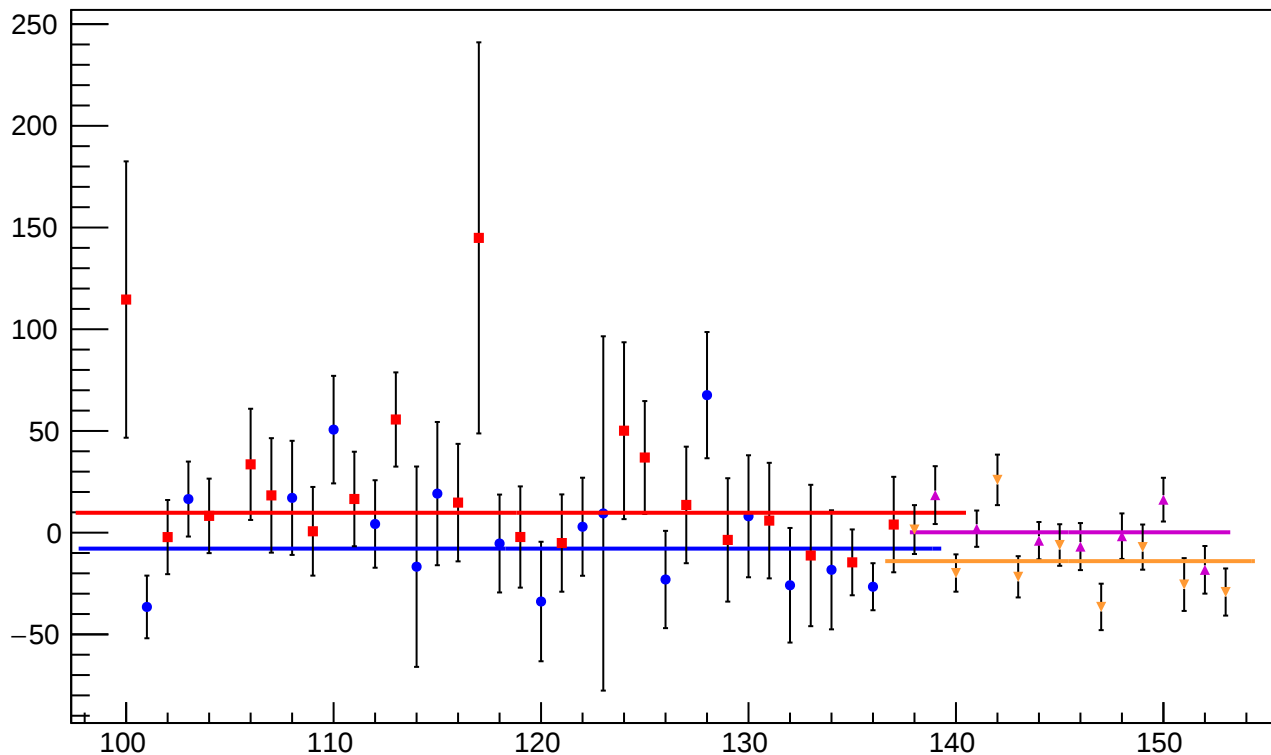


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.841 $\pm$ 5.608

χ^2/NDF : 22.6/16

Left Out: -13.999 $\pm$ 3.682

χ^2/NDF : 20.4/8

Right Out: 9.781 $\pm$ 5.667

χ^2/NDF : 15.2/19

Left In: 0.185 $\pm$ 4.056

χ^2/NDF : 7.0/6

-12.145 $\pm$ 3.078

χ^2/NDF : 43.9/25

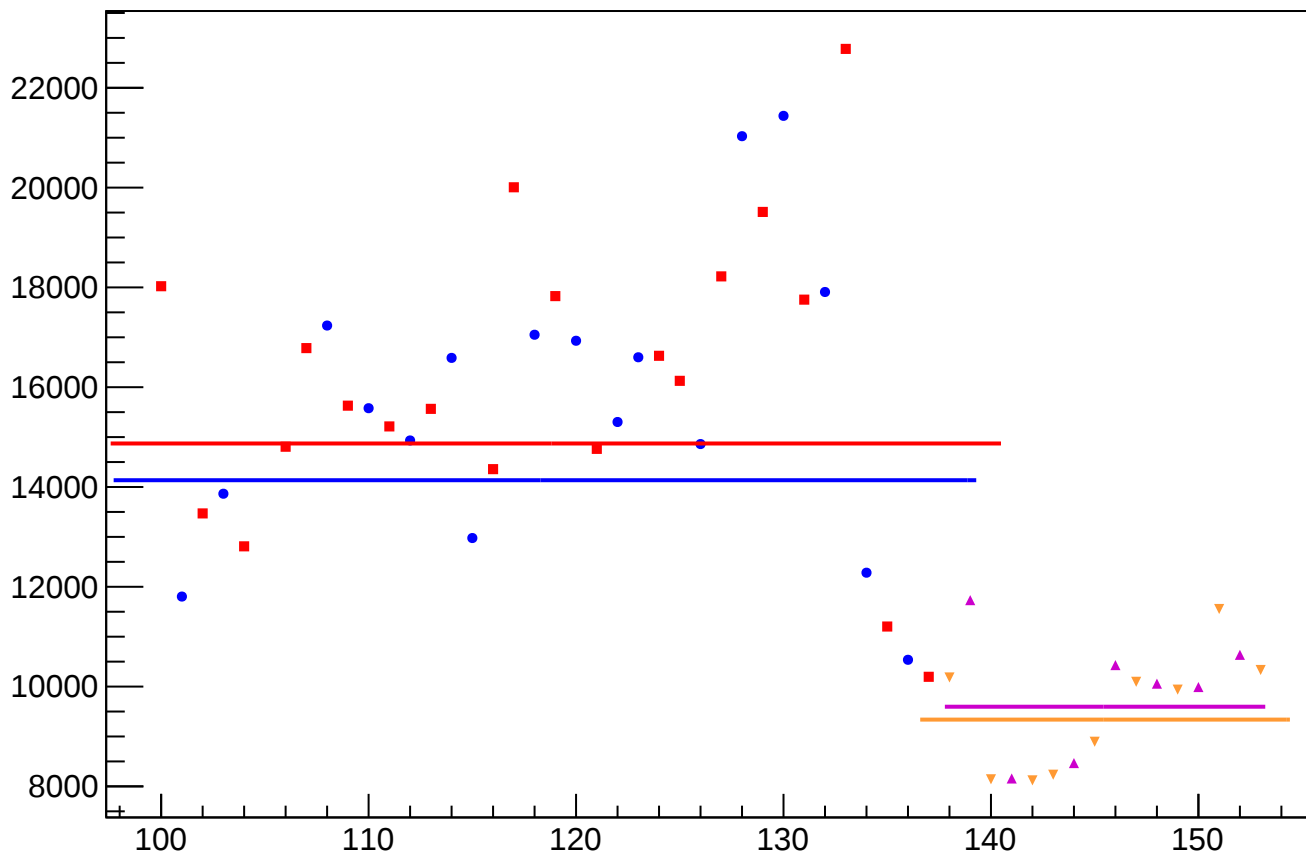
-4.893 $\pm$ 2.250

χ^2/NDF : 79.9/52

3.435 $\pm$ 3.298

χ^2/NDF : 24.1/26

diff_bpm4aX_rms vs Slug, Sign Corrected



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

Left Out: 9338.208+/-2.603 χ^2/NDF :178370.7/8

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

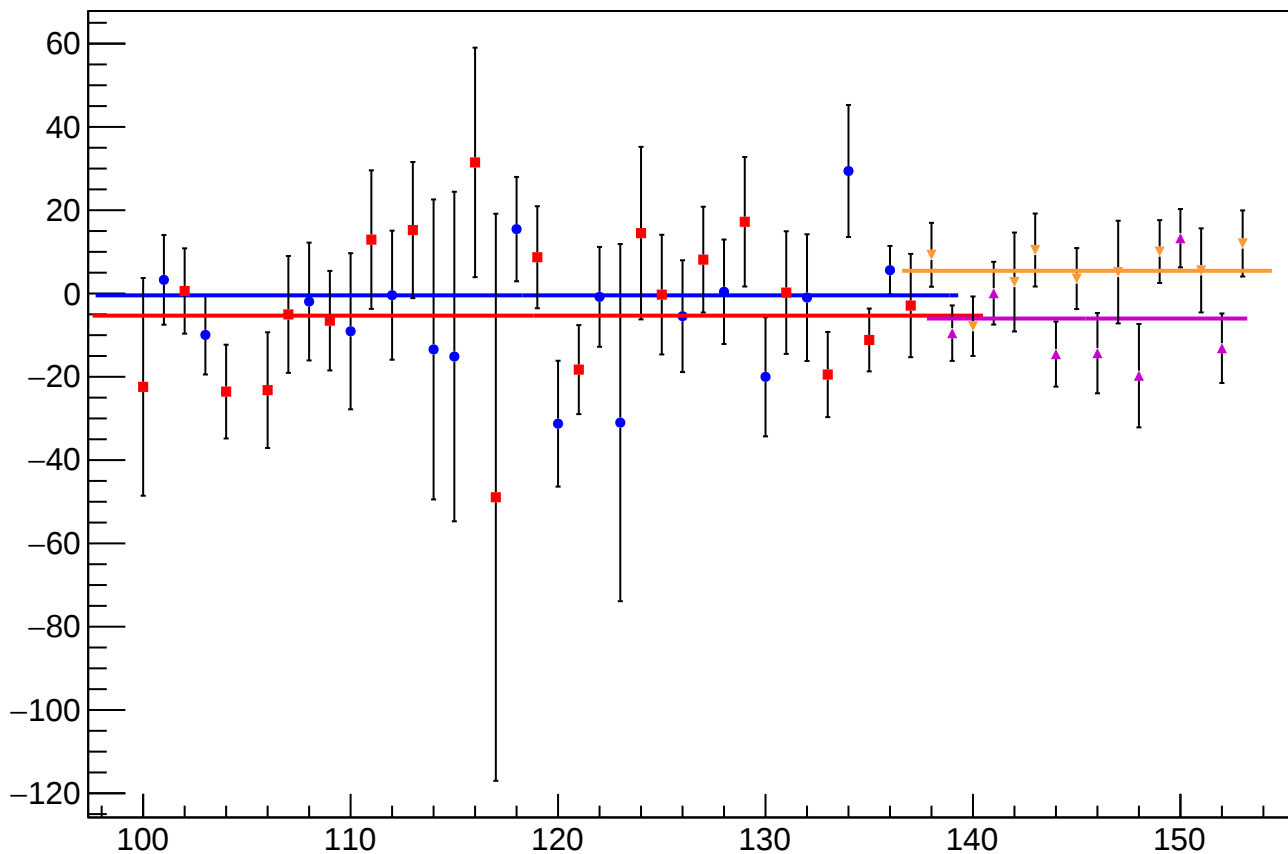
Left In: 9596.523+/-2.868 χ^2/NDF :159696.0/6

10783.066+/-2.176 χ^2/NDF : 1798341.7/25

11062.373+/-1.591 χ^2/NDF : 3617231.8/5

11383.101+/-2.332 χ^2/NDF : 1783504.9/26

diff_bpm4aY_mean vs Slug, Sign Corrected



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

Left Out: 5.452 ± 2.826 χ^2/NDF : 5.2/8

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

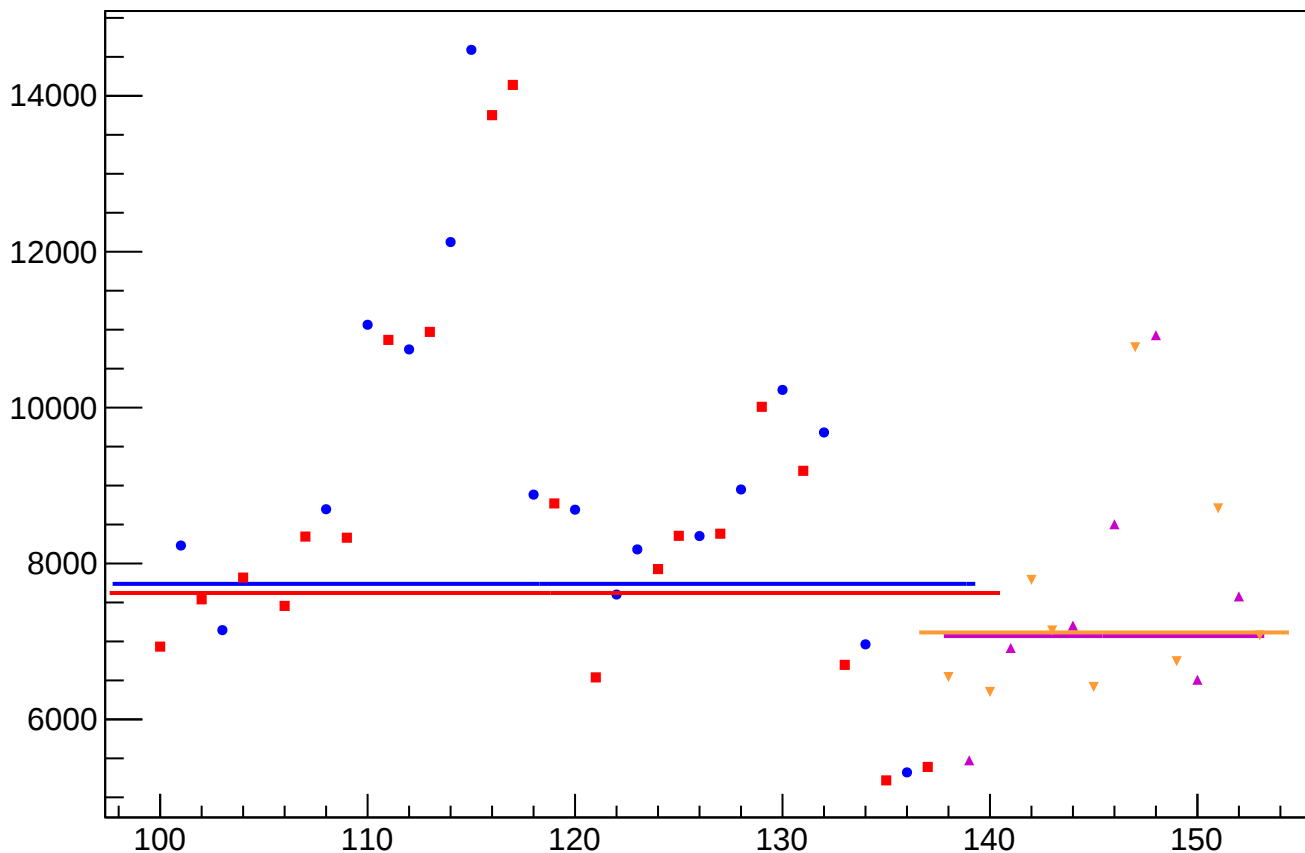
Left In: -6.011 ± 3.036 χ^2/NDF : 12.4/6

2.750 ± 2.080 χ^2/NDF : 21.7/25

-1.389 ± 1.481 χ^2/NDF : 62.0/52

-5.649 ± 2.110 χ^2/NDF : 32.2/26

diff_bpm4aY_rms vs Slug, Sign Corrected



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

Left Out: 7115.503 $\pm$ 1.998 χ^2/NDF : 289558.3/8

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

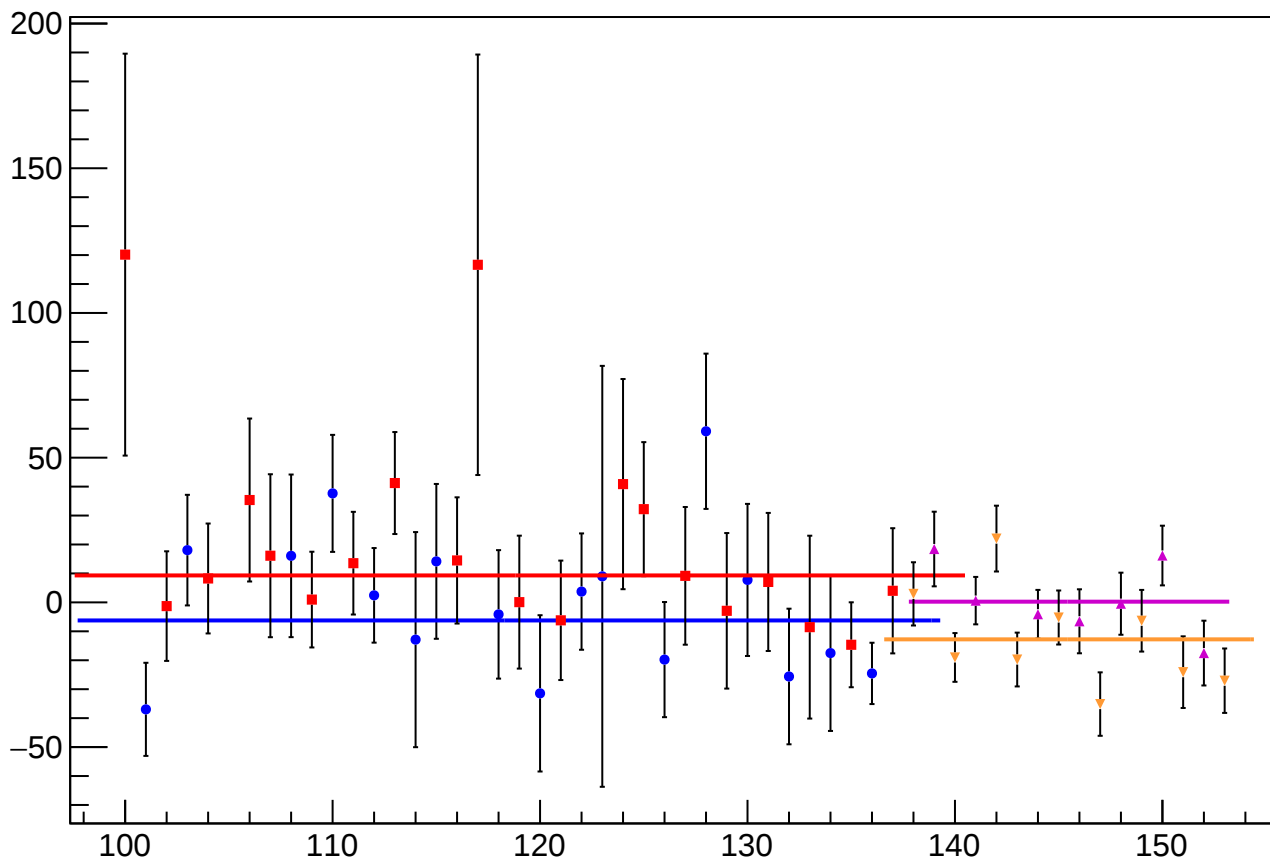
Left In: 7069.137 $\pm$ 2.147 χ^2/NDF : 373877.5/6

7401.344 $\pm$ 1.470 χ^2/NDF : 1075016.2/25

7378.473 $\pm$ 1.047 χ^2/NDF : 2181191.4/52

7354.939 $\pm$ 1.492 χ^2/NDF : 1105684.4/26

diff_bpm4eX_mean vs Slug, Sign Corrected



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

Left Out: -12.777 ± 3.430 χ^2/NDF : 20.2/8

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

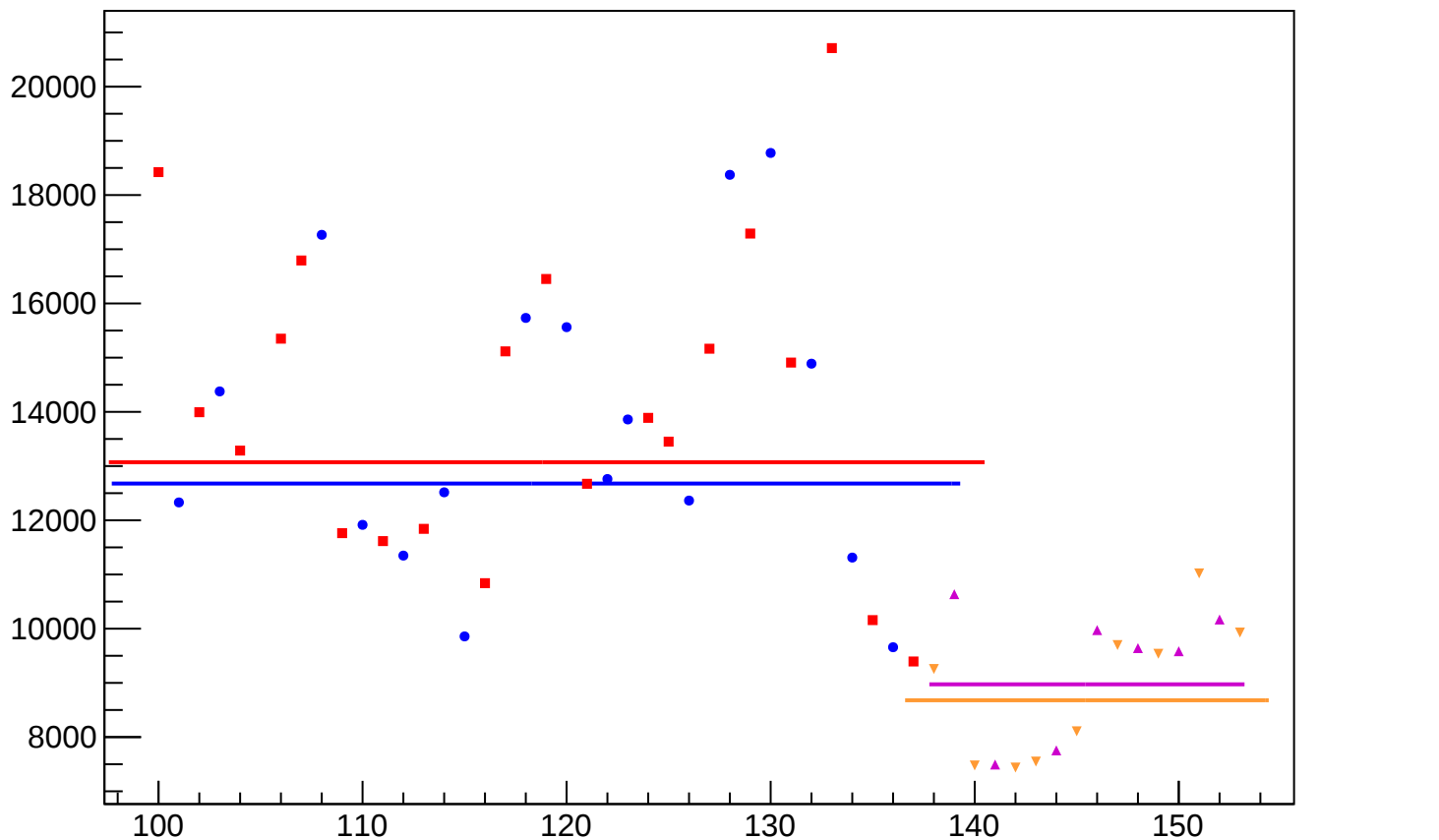
Left In: 0.240 ± 3.798 χ^2/NDF : 7.5/6

-10.696 ± 2.832 χ^2/NDF : 44.6/25

-4.026 ± 2.066 χ^2/NDF : 81.4/52

3.569 ± 3.022 χ^2/NDF : 25.0/26

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12677.516 $\pm$ 3.548 χ^2 /NDF: 553605.5/16

Left Out: 8679.404 $\pm$ 2.425 χ^2 /NDF: 234279.8/8

Right Out: 13071.522 $\pm$ 3.527 χ^2 /NDF: 499021.5/19

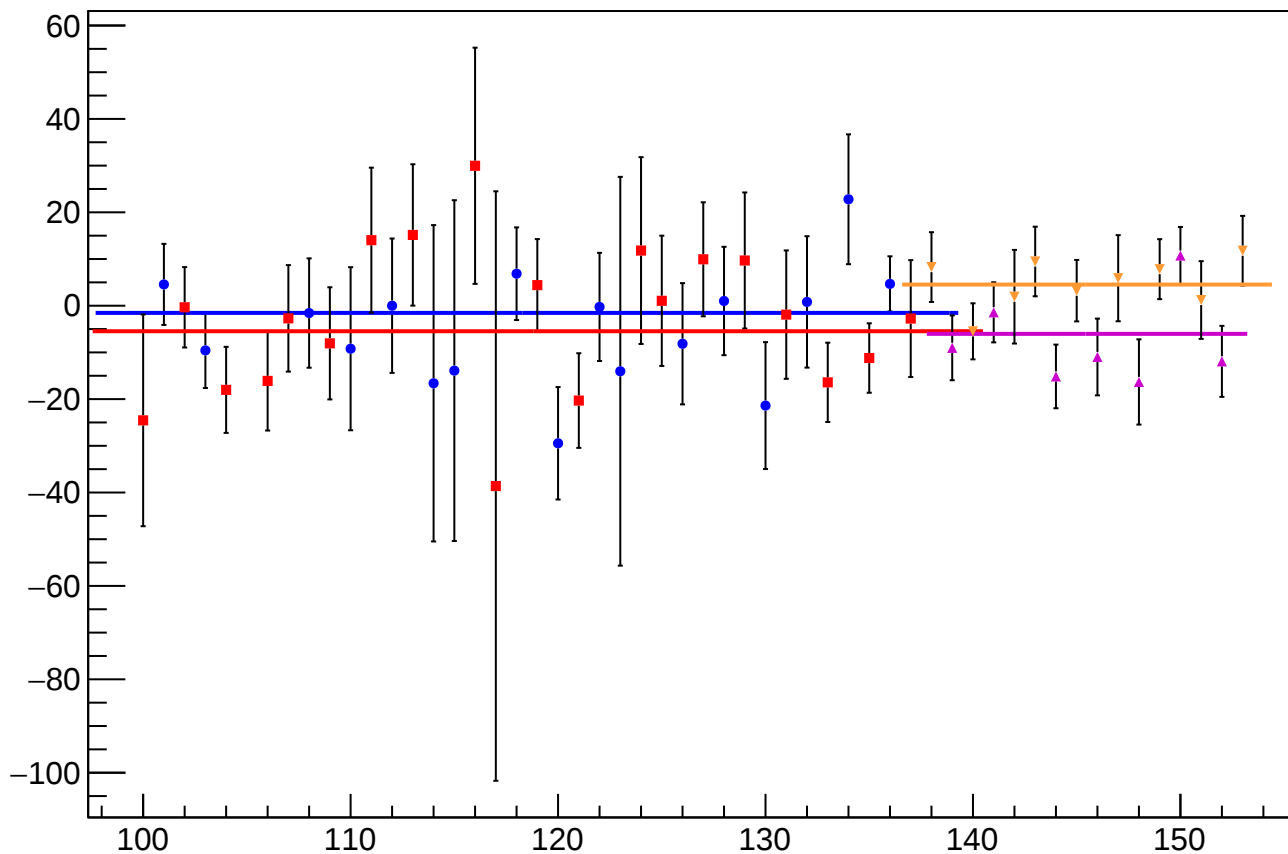
Left In: 8973.377 $\pm$ 2.685 χ^2 /NDF: 194544.4/6

9952.838 $\pm$ 2.002 χ^2 /NDF: 1653354.2/25

10198.158 $\pm$ 1.461 χ^2 /NDF: 3233752.9/5

10477.489 $\pm$ 2.137 χ^2 /NDF: 1548294.5/26

diff_bpm4eY_mean vs Slug, Sign Corrected



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

Left Out: 4.533+/-2.460 χ^2/NDF : 5.0/8

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

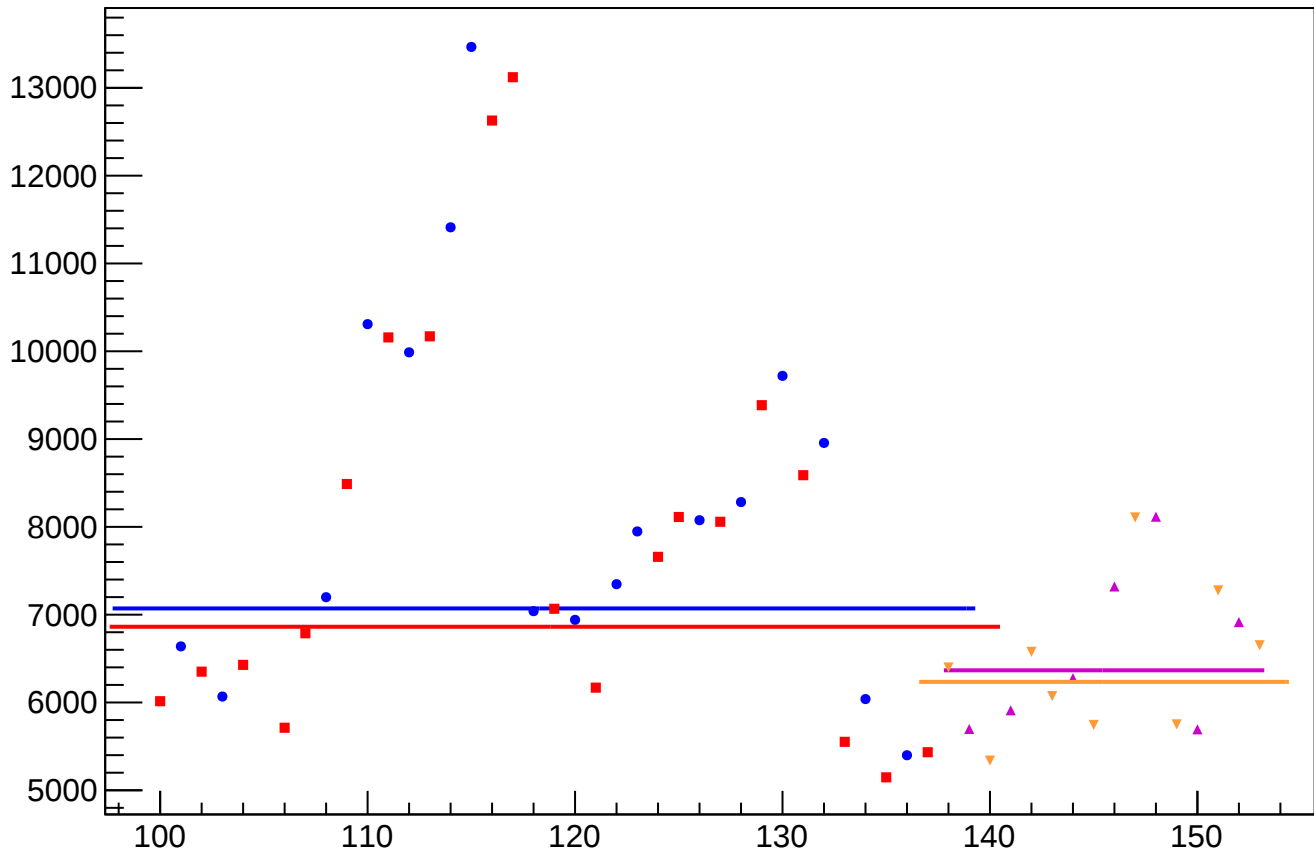
Left In: -6.026+/-2.700 χ^2/NDF : 12.2/6

1.878+/-1.845 χ^2/NDF : 22.5/25

-1.846+/-1.319 χ^2/NDF : 61.9/52

-5.738+/-1.887 χ^2/NDF : 31.1/26

diff_bpm4eY_rms vs Slug, Sign Corrected



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

Left Out: 6234.827 +/- 1.740 χ^2/NDF : 191443.5/8

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

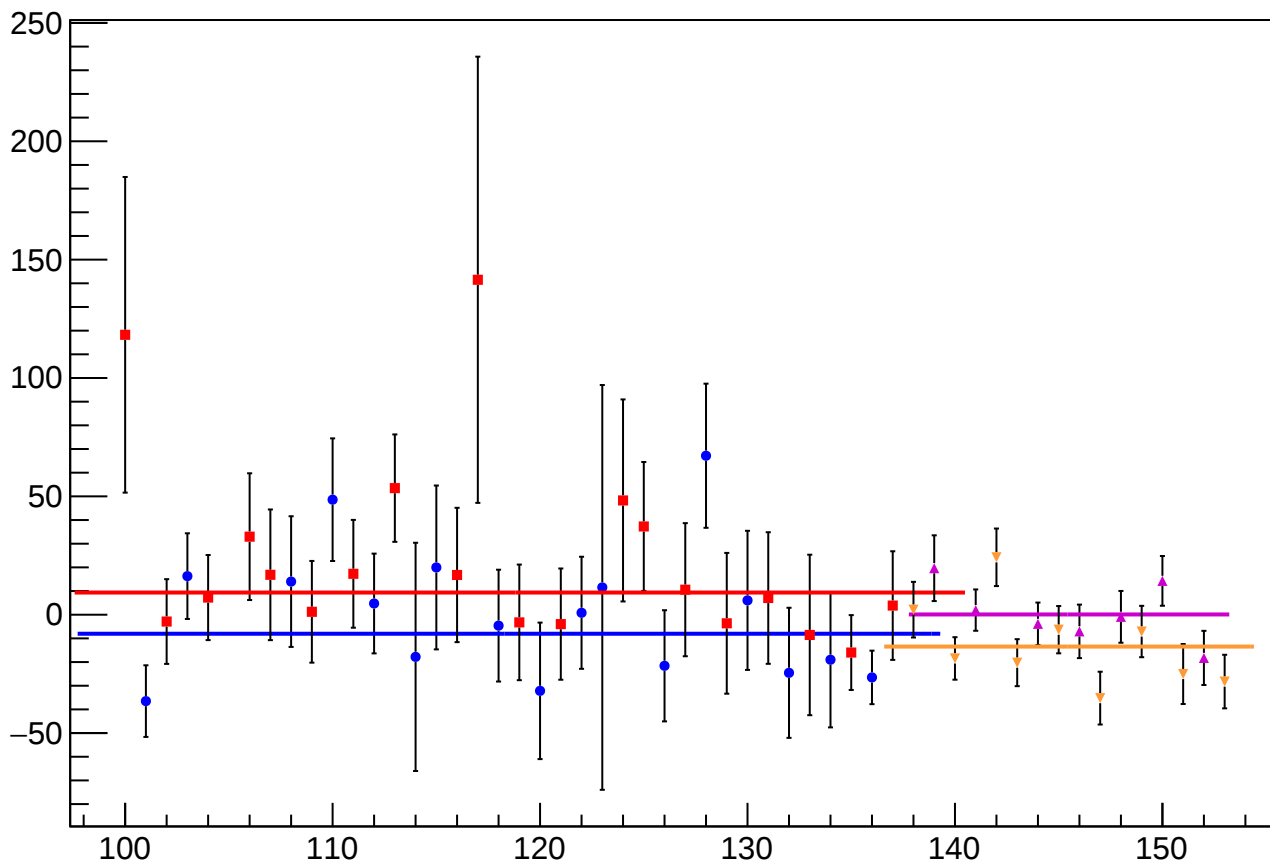
Left In: 6366.291 +/- 1.909 χ^2/NDF : 163896.1/6

6600.602 +/- 1.305 χ^2/NDF : 893239.8/25

6610.215 +/- 0.933 χ^2/NDF : 1795920.0/52

6620.263 +/- 1.334 χ^2/NDF : 902569.2/26

diff_bpm4acX_mean vs Slug, Sign Corrected



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

Left Out: -13.460 $\pm$ 3.600 χ^2/NDF : 19.4/8

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

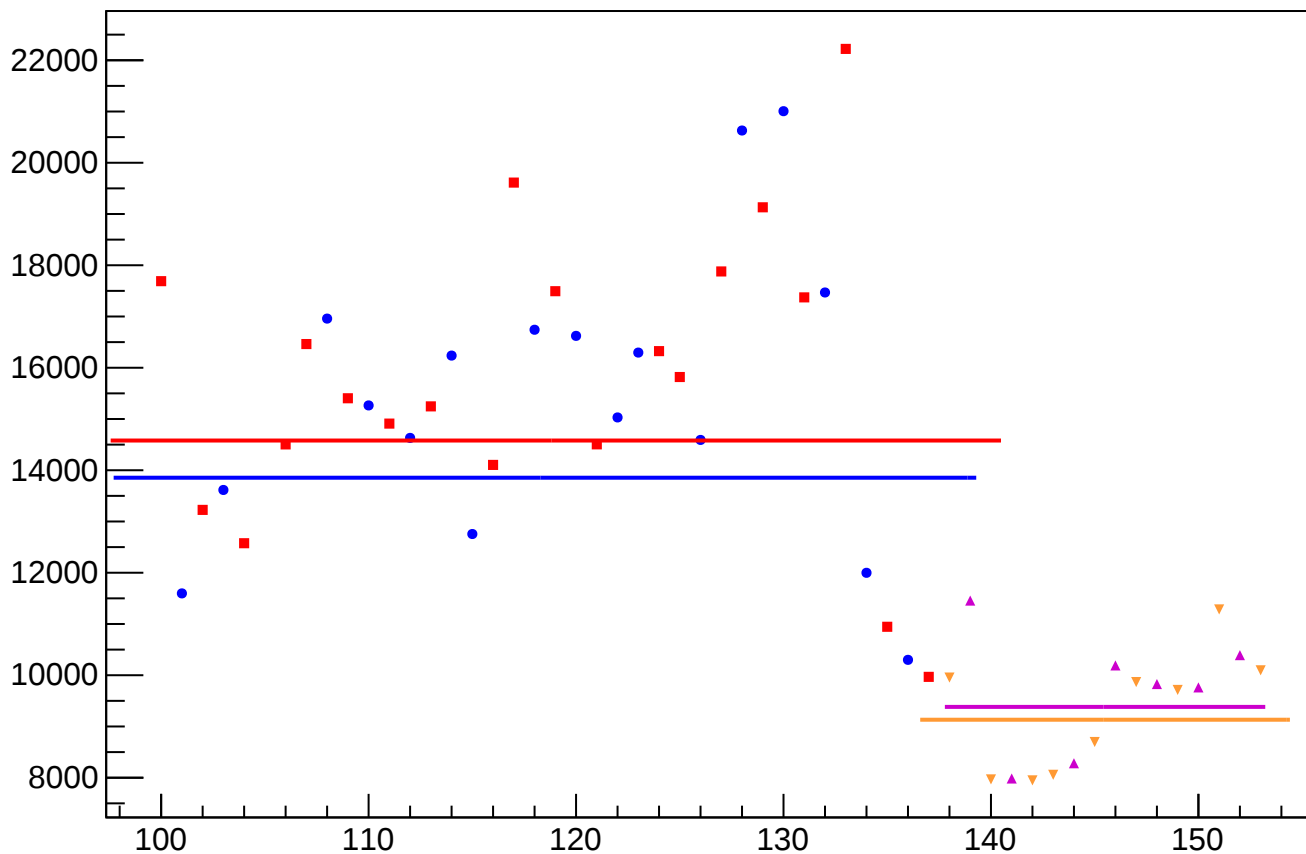
Left In: 0.111 $\pm$ 3.964 χ^2/NDF : 7.0/6

-11.832 $\pm$ 3.012 χ^2/NDF : 42.6/25

-4.820 $\pm$ 2.202 χ^2/NDF : 78.8/52

3.233 $\pm$ 3.227 χ^2/NDF : 24.5/26

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13854.187 $\pm$ 3.887 χ^2/NDF : 600963.4/16

Left Out: 9131.806 $\pm$ 2.545 χ^2/NDF :176290.9/8

Right Out: 14579.863 $\pm$ 3.929 χ^2/NDF : 480003.4/19

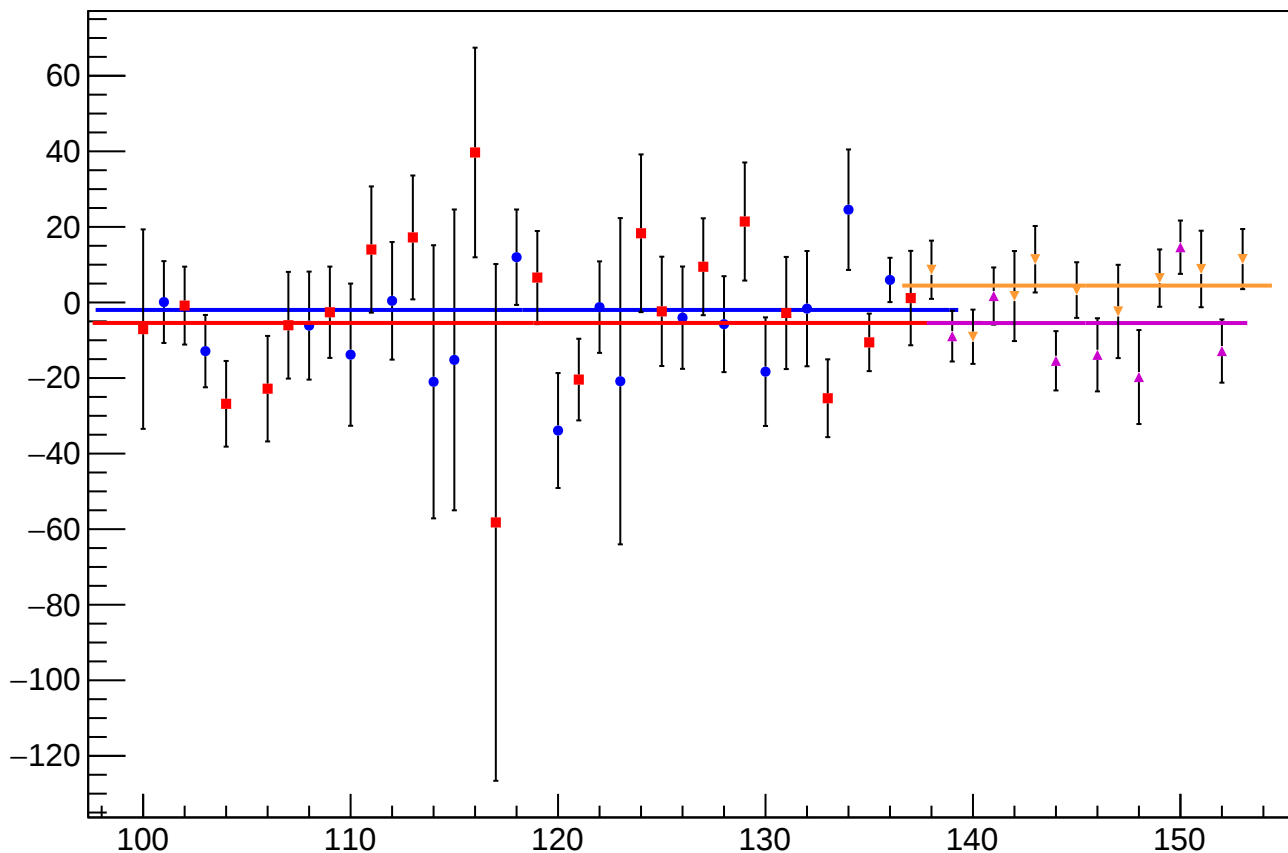
Left In: 9382.197 $\pm$ 2.803 χ^2/NDF :157681.2/6

10549.010 $\pm$ 2.129 χ^2/NDF : 1810189.0/25

10822.034 $\pm$ 1.557 χ^2/NDF : 3642869.2/5

11135.567 $\pm$ 2.282 χ^2/NDF : 1797365.2/26

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -1.978 $\pm$ 3.094 χ^2/NDF : 14.0/16

Left Out: 4.465 $\pm$ 2.839 χ^2/NDF : 5.9/8

Right Out: -5.417 $\pm$ 2.956 χ^2/NDF : 24.9/19

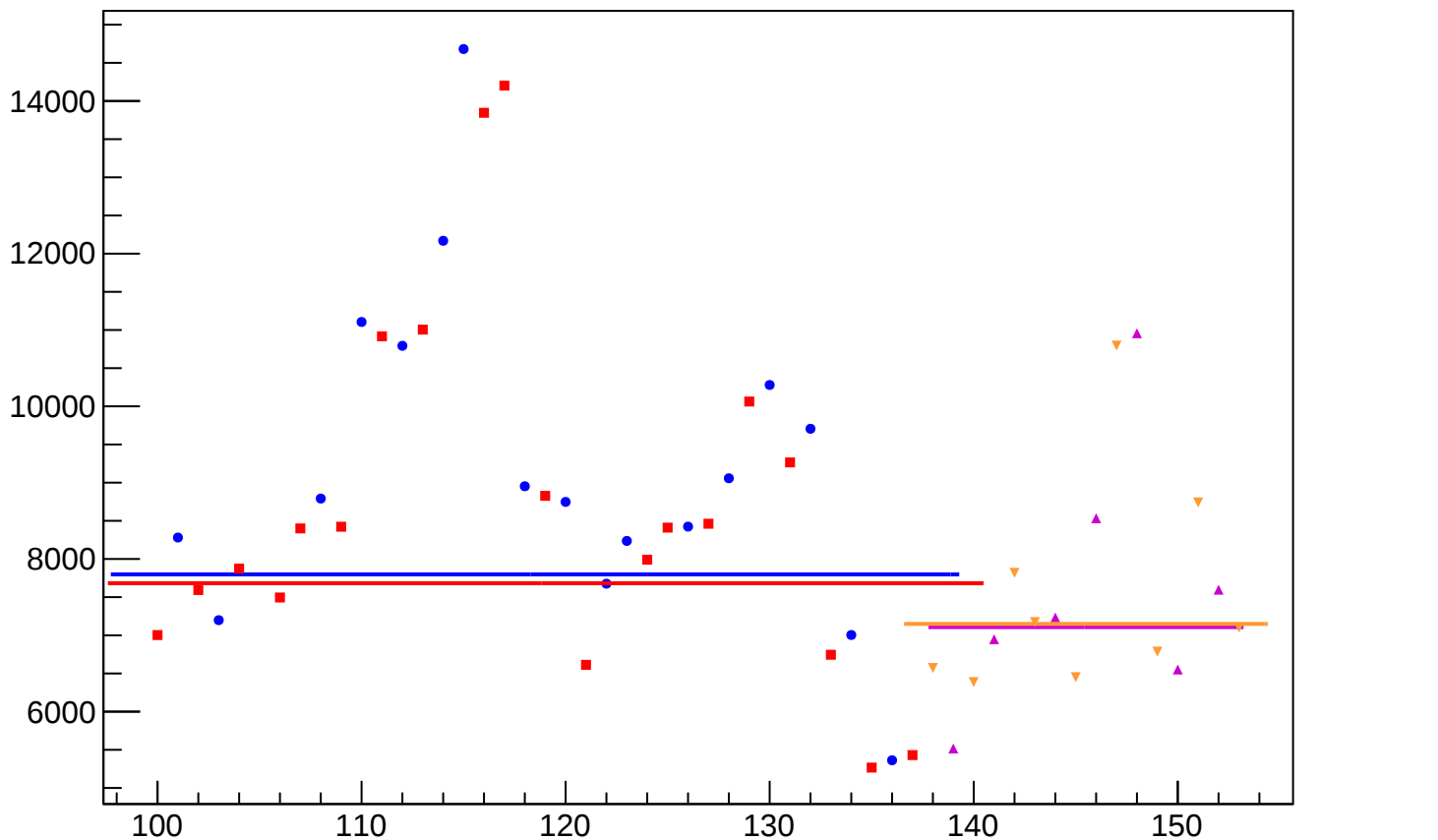
Left In: -5.444 $\pm$ 3.051 χ^2/NDF : 13.7/6

1.520 $\pm$ 2.092 χ^2/NDF : 22.3/25

-1.903 $\pm$ 1.490 χ^2/NDF : 66.4/52

-5.430 $\pm$ 2.123 χ^2/NDF : 38.6/26

diff_bpm4acY_rms vs Slug, Sign Corrected



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

Left Out: 7149.485+/-2.007 χ^2/NDF : 286513.1/8

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

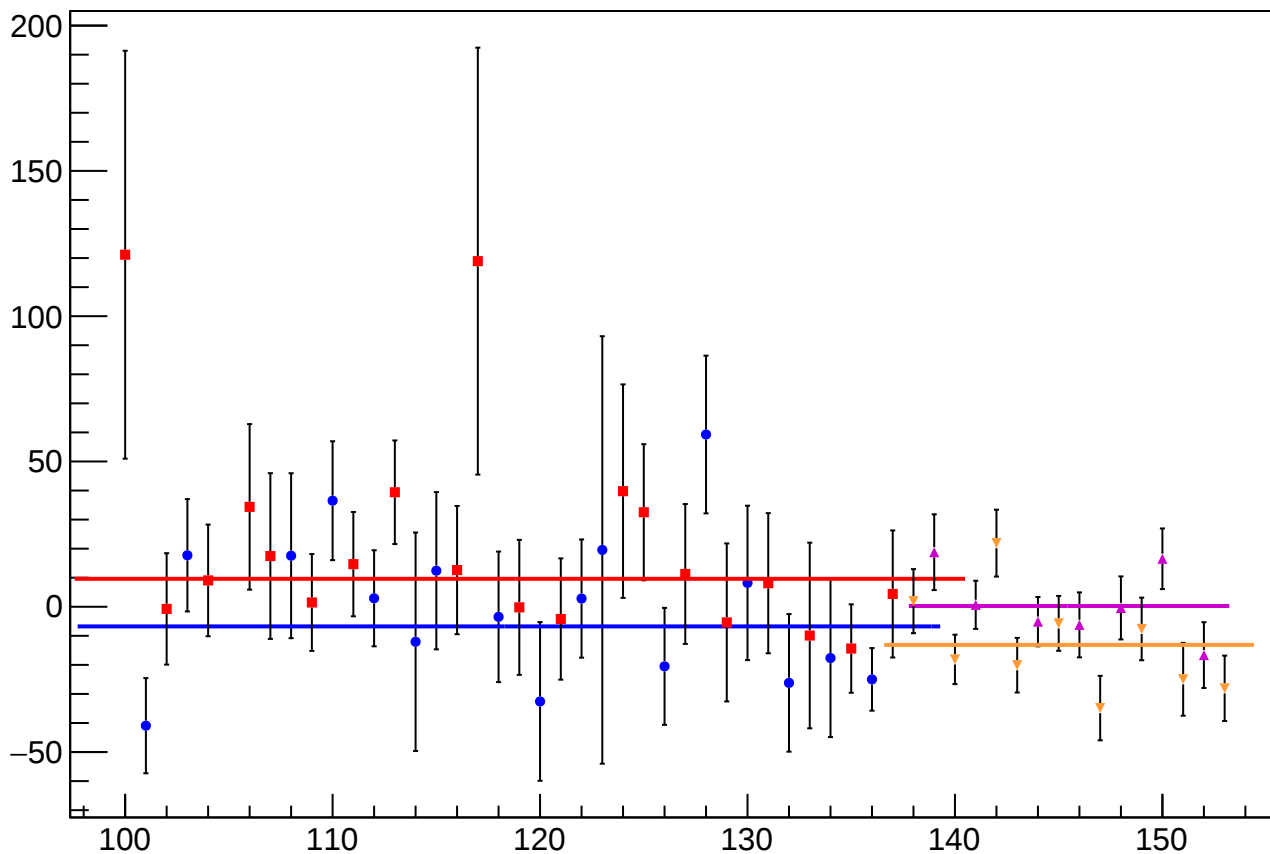
Left In: 7106.772+/-2.158 χ^2/NDF : 368063.7/6

7446.029+/-1.479 χ^2/NDF : 1070542.7/25

7425.290+/-1.054 χ^2/NDF : 2166678.3/52

7403.928+/-1.501 χ^2/NDF : 1095736.5/26

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

Left Out: -13.118 $\pm$ 3.467 χ^2/NDF : 19.4/8

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

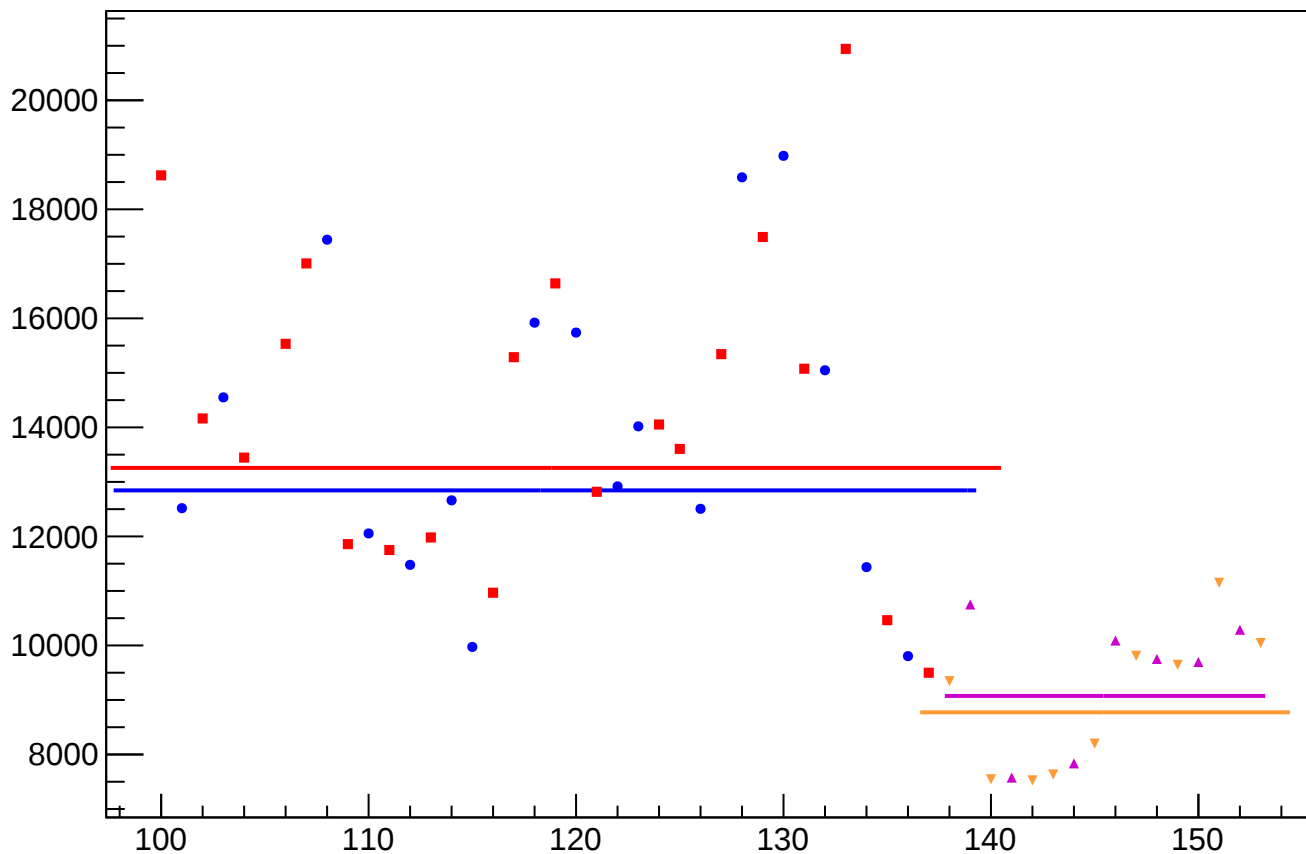
Left In: 0.262 $\pm$ 3.841 χ^2/NDF : 7.4/6

-11.100 $\pm$ 2.865 χ^2/NDF : 44.2/25

-4.191 $\pm$ 2.091 χ^2/NDF : 80.7/52

3.685 $\pm$ 3.059 χ^2/NDF : 24.1/26

diff_bpm4ecX_rms vs Slug, Sign Corrected



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

Left Out: 8773.555+/-2.452 χ^2/NDF : 235525.1/8

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

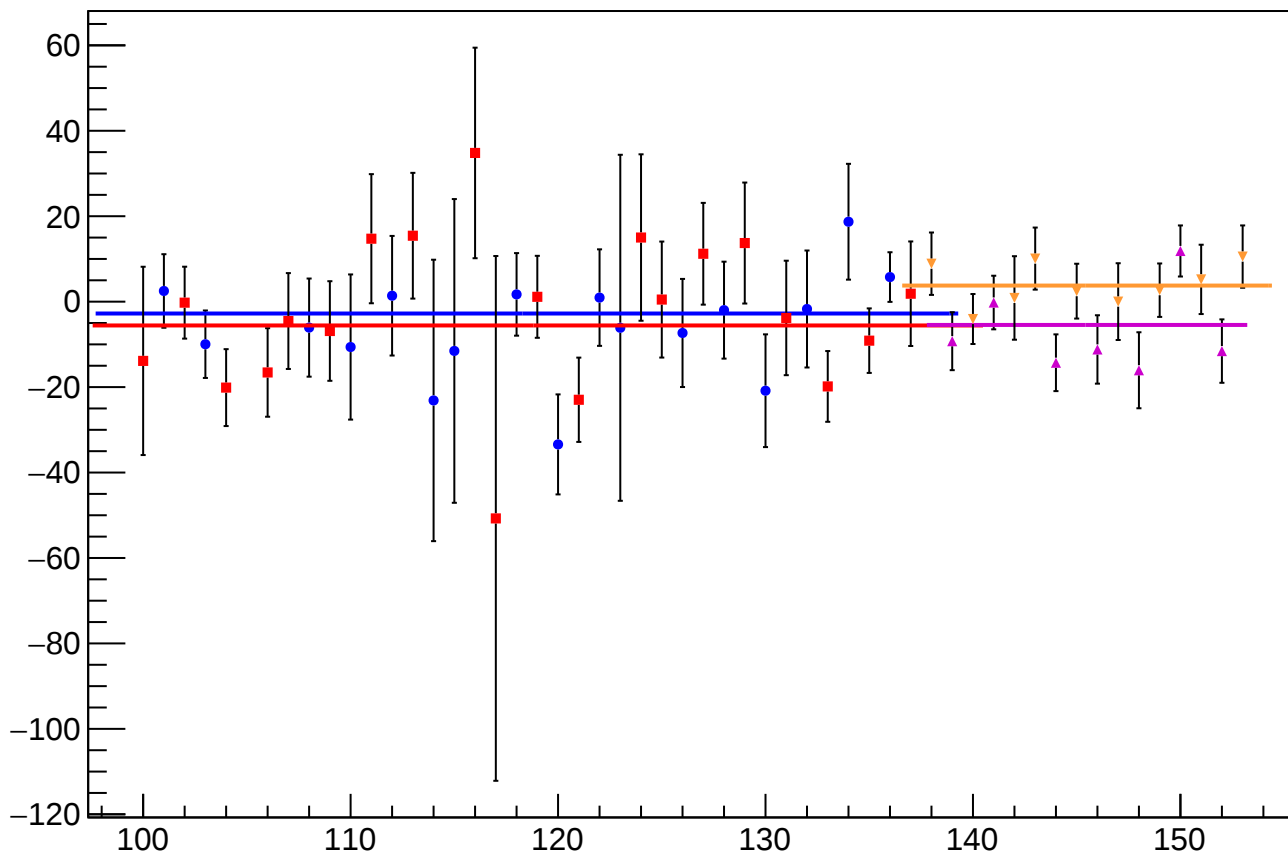
Left In: 9073.894+/-2.716 χ^2/NDF : 195415.4/6

10065.732+/-2.026 χ^2/NDF : 1657780.6/25

10316.988+/-1.479 χ^2/NDF : 3240710.0/5

10603.434+/-2.163 χ^2/NDF : 1550005.3/26

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -2.774 $\pm$ 2.732 χ^2/NDF : 15.9/16

Left Out: 3.767 $\pm$ 2.400 χ^2/NDF : 4.3/8

Right Out: -5.571 $\pm$ 2.585 χ^2/NDF : 23.7/19

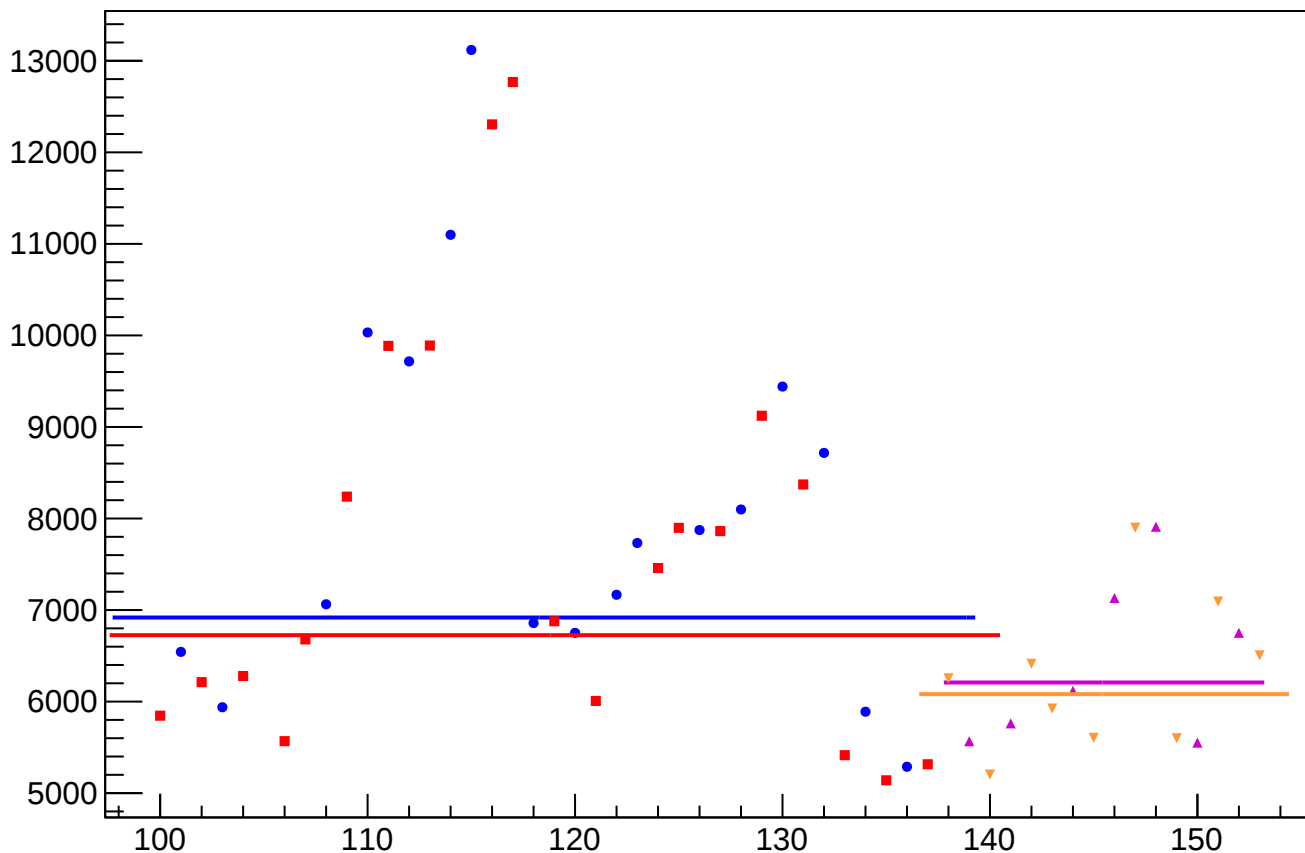
Left In: -5.451 $\pm$ 2.633 χ^2/NDF : 13.8/6

0.918 $\pm$ 1.803 χ^2/NDF : 23.4/25

-2.224 $\pm$ 1.289 χ^2/NDF : 67.1/52

-5.512 $\pm$ 1.845 χ^2/NDF : 37.5/26

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

Left Out: 6081.587 $\pm$ 1.697 χ^2 /NDF: 192069.2/8

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

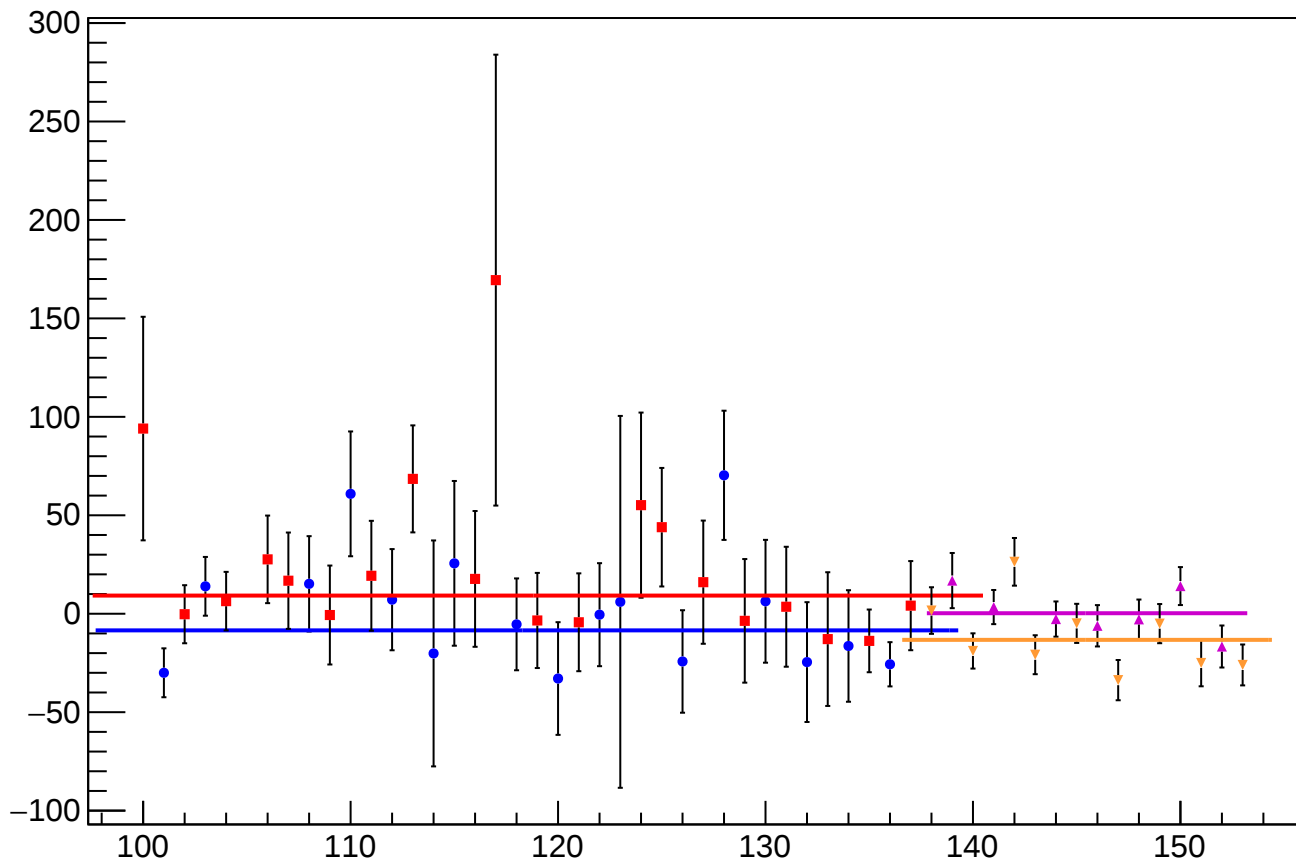
Left In: 6208.831 $\pm$ 1.862 χ^2 /NDF: 163047.5/6

6446.177 $\pm$ 1.275 χ^2 /NDF: 885049.2/25

6458.821 $\pm$ 0.912 χ^2 /NDF: 1762942.2/52

6472.058 $\pm$ 1.304 χ^2 /NDF: 877691.7/26

diff_bpm1X_mean vs Slug, Sign Corrected



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

Left Out: -13.264 $\pm$ 3.474 χ^2/NDF : 21.2/8

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

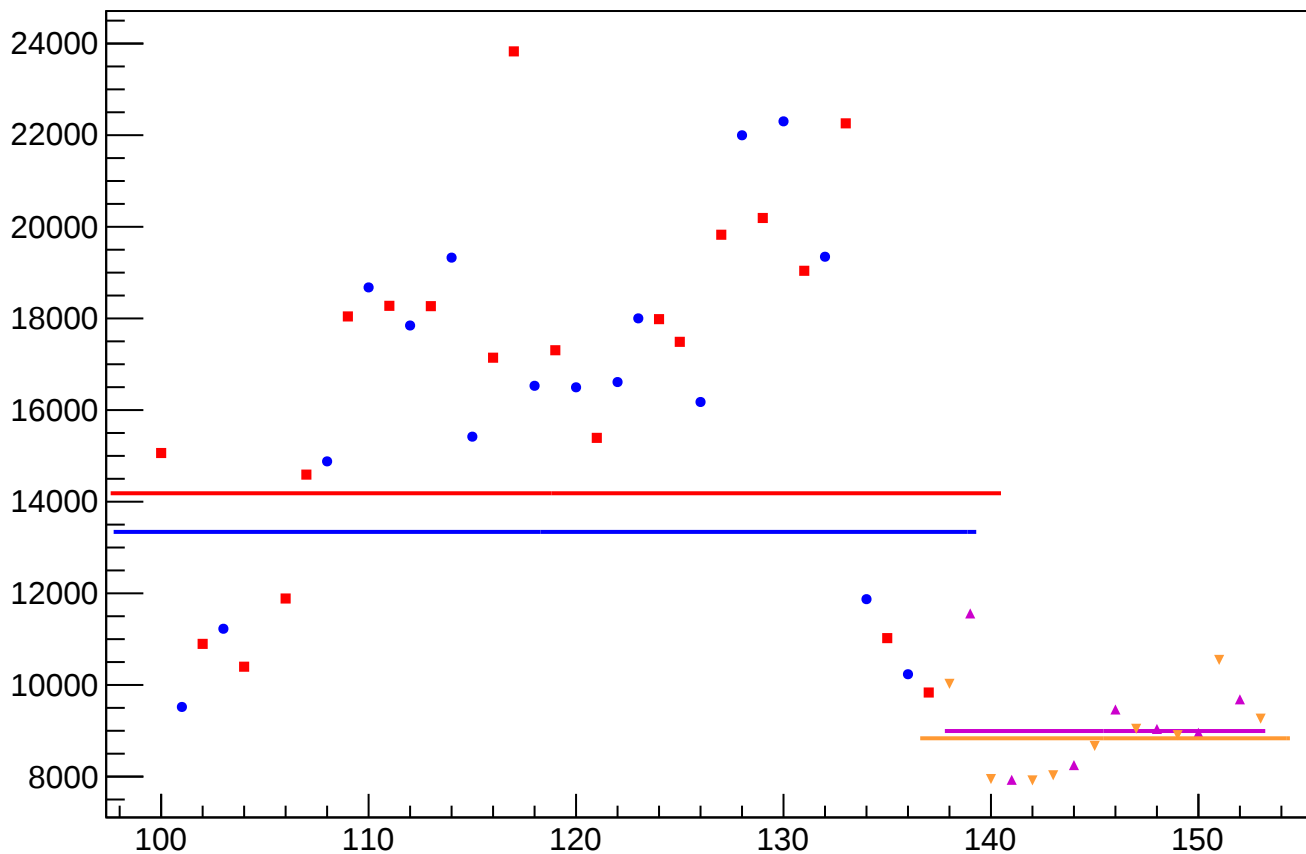
Left In: 0.263 $\pm$ 3.796 χ^2/NDF : 6.7/6

-11.852 $\pm$ 2.920 χ^2/NDF : 43.7/25

-4.856 $\pm$ 2.133 χ^2/NDF : 80.7/52

3.153 $\pm$ 3.124 χ^2/NDF : 24.7/26

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13340.948 $\pm$ 3.813 χ^2/NDF : 1044569.8/16

Left Out: 8836.180 $\pm$ 2.456 χ^2/NDF :111396.9/8

Right Out: 14184.146 $\pm$ 3.891 χ^2/NDF : 946010.4/19

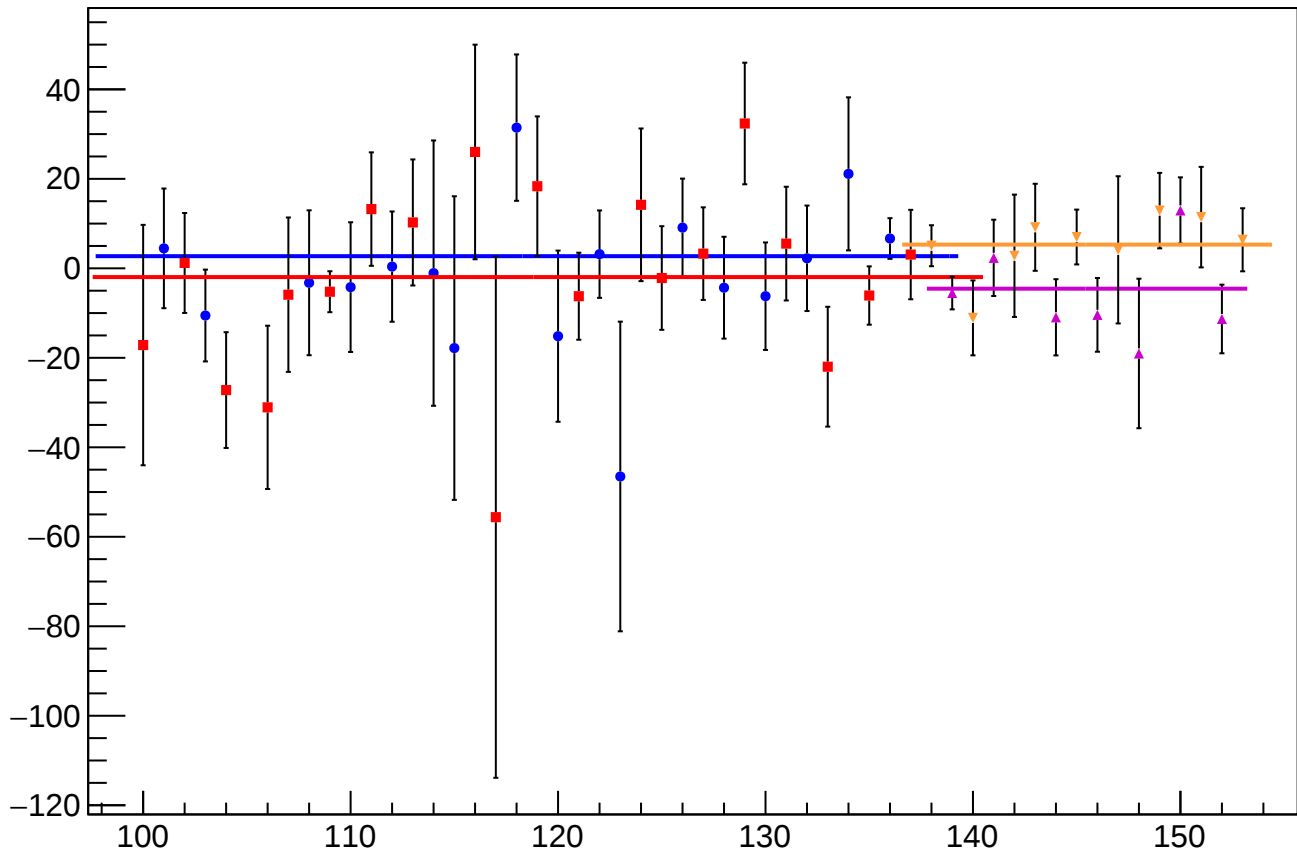
Left In: 8994.861 $\pm$ 2.684 χ^2/NDF :123531.1/6

10157.084 $\pm$ 2.065 χ^2/NDF : 2142265.4/25

10395.448 $\pm$ 1.509 χ^2/NDF : 4445767.4/5

10668.308 $\pm$ 2.209 χ^2/NDF : 2274923.8/26

diff_bpm1Y_mean vs Slug, Sign Corrected



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

Left Out: 5.301 ± 2.579 χ^2/NDF : 5.2/8

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

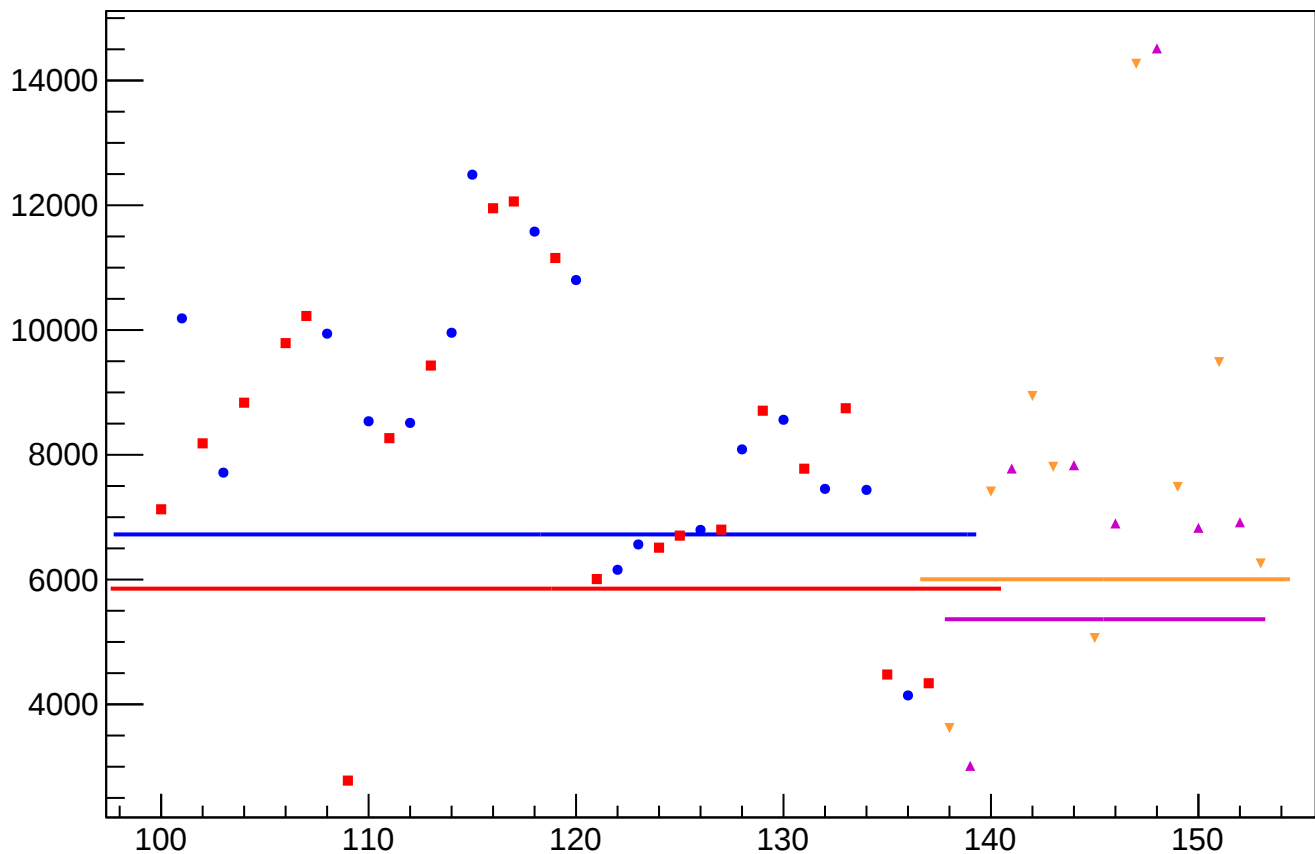
Left In: -4.548 ± 2.532 χ^2/NDF : 8.9/6

4.092 ± 1.882 χ^2/NDF : 17.4/25

0.193 ± 1.284 χ^2/NDF : 59.2/52

-3.202 ± 1.756 χ^2/NDF : 33.8/26

diff_bpm1Y_rms vs Slug, Sign Corrected



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

Left Out: 6005.122+/-1.824 χ^2/NDF : 1568370.2/8

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

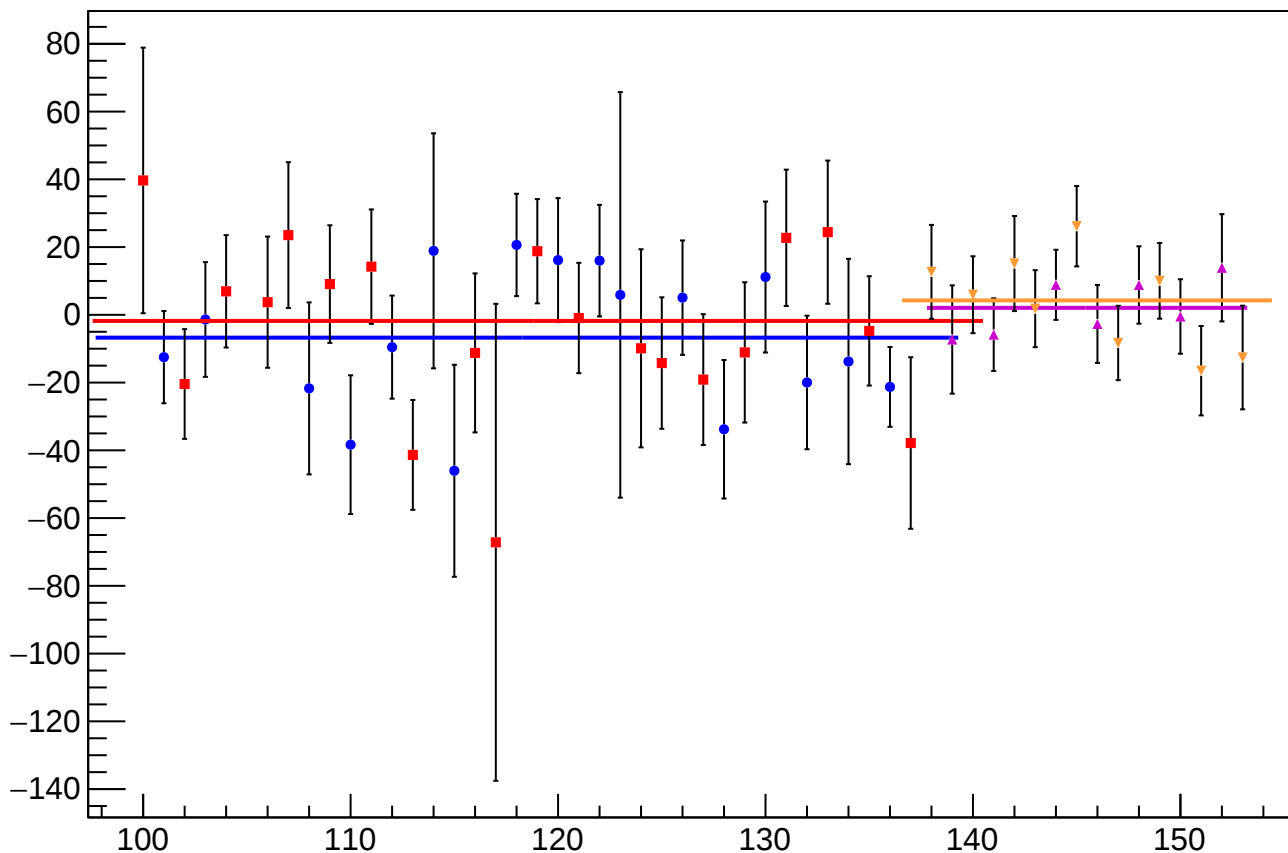
Left In: 5364.363+/-1.790 χ^2/NDF : 1985390.6/6

6341.211+/-1.331 χ^2/NDF : 3033073.1/25

5955.061+/-0.908 χ^2/NDF : 7514870.5/52

5618.939+/-1.242 χ^2/NDF : 4324295.3/26

diff_bpm11X_mean vs Slug, Sign Corrected



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

Left Out: 4.254 $\pm$ 4.110 χ^2/NDF : 9.7/8

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

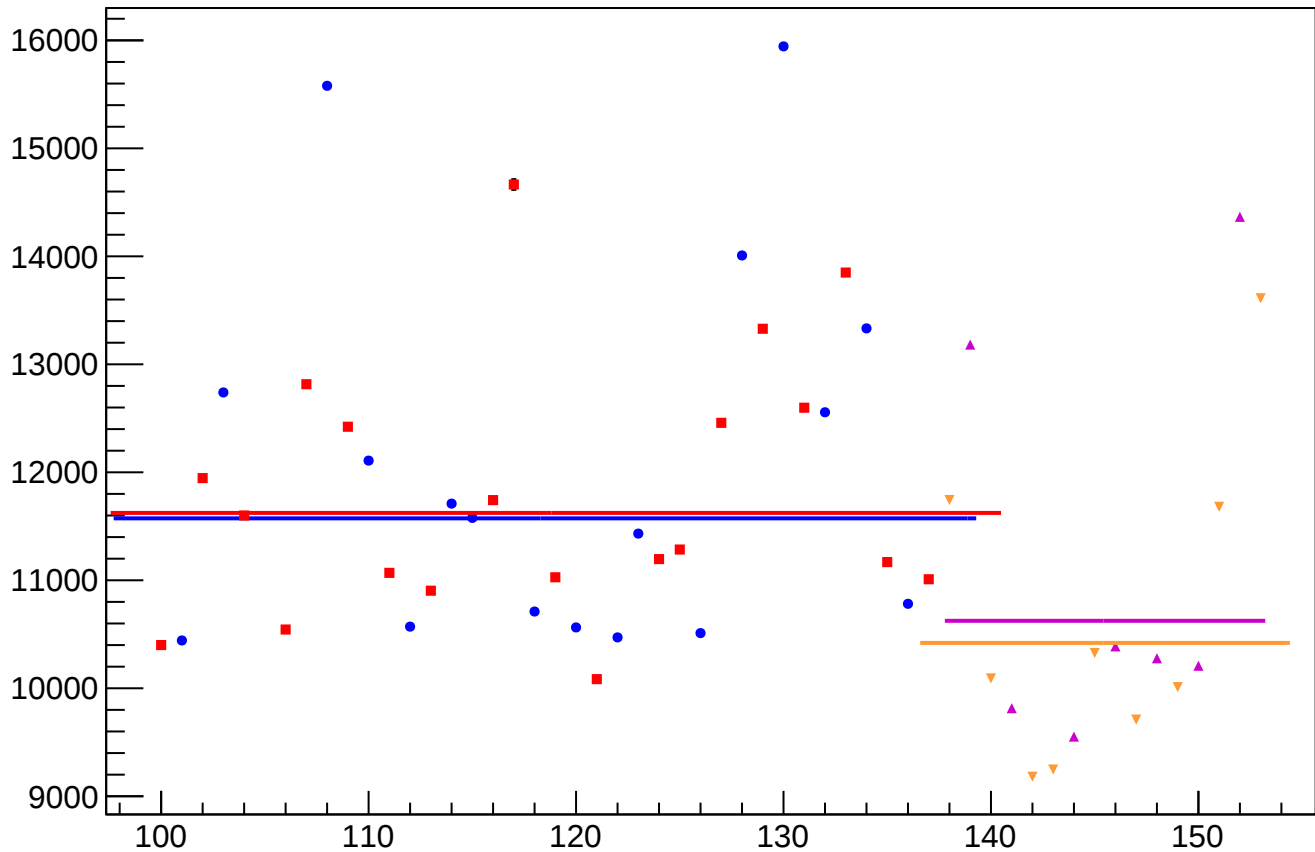
Left In: 2.066 $\pm$ 4.498 χ^2/NDF : 2.4/6

-0.729 $\pm$ 3.039 χ^2/NDF : 29.8/25

-0.340 $\pm$ 2.181 χ^2/NDF : 53.5/52

0.074 $\pm$ 3.132 χ^2/NDF : 23.7/26

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11573.490 $\pm$ 3.191 χ^2/NDF : 238734.7/16

Left Out: 10420.204 $\pm$ 2.906 χ^2/NDF : 173189.4/8

Right Out: 11623.951 $\pm$ 3.086 χ^2/NDF : 98055.0/19

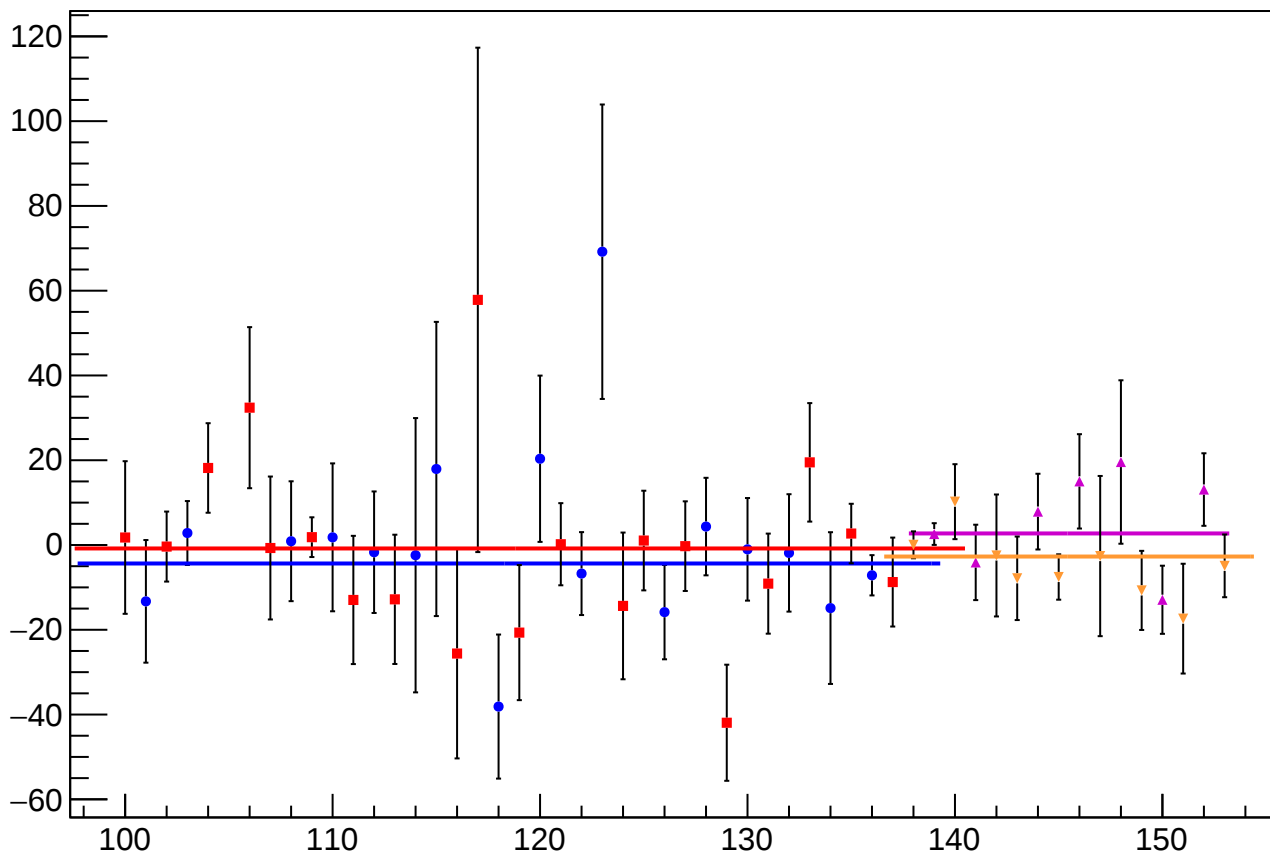
Left In: 10624.796 $\pm$ 3.181 χ^2/NDF : 201322.4/6

10943.106 $\pm$ 2.149 χ^2/NDF : 483317.7/25

11038.336 $\pm$ 1.542 χ^2/NDF : 837578.9/52

11139.509 $\pm$ 2.215 χ^2/NDF : 350210.2/26

diff_bpm11Y_mean vs Slug, Sign Corrected



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

Left Out: -2.721 ± 2.234 χ^2/NDF : 6.1/8

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

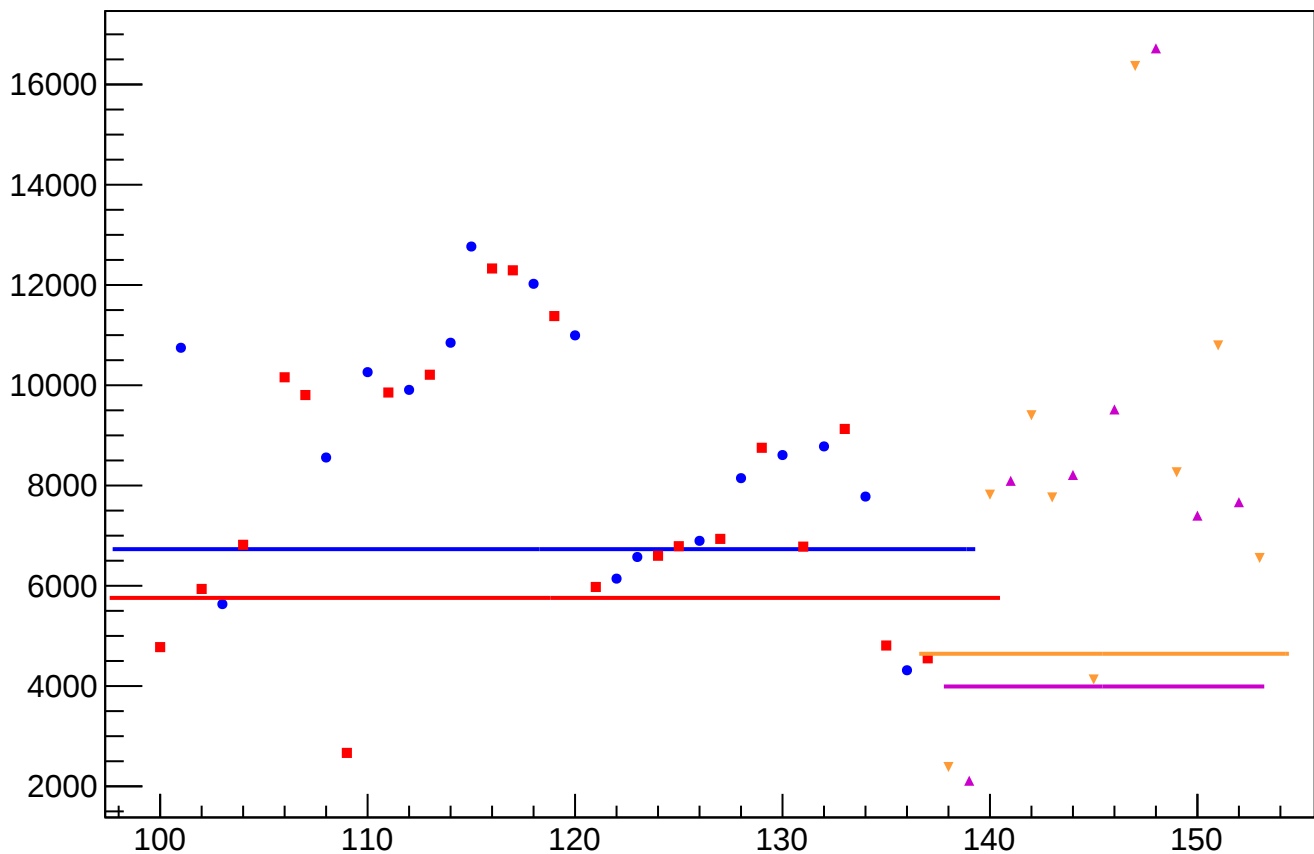
Left In: 2.729 ± 2.144 χ^2/NDF : 8.2/6

-3.365 ± 1.741 χ^2/NDF : 20.8/25

-0.914 ± 1.180 χ^2/NDF : 58.4/52

1.173 ± 1.606 χ^2/NDF : 33.9/26

diff_bpm11Y_rms vs Slug, Sign Corrected



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

Left Out: 4643.993+/-1.580 χ^2/NDF :3361214.0/8

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

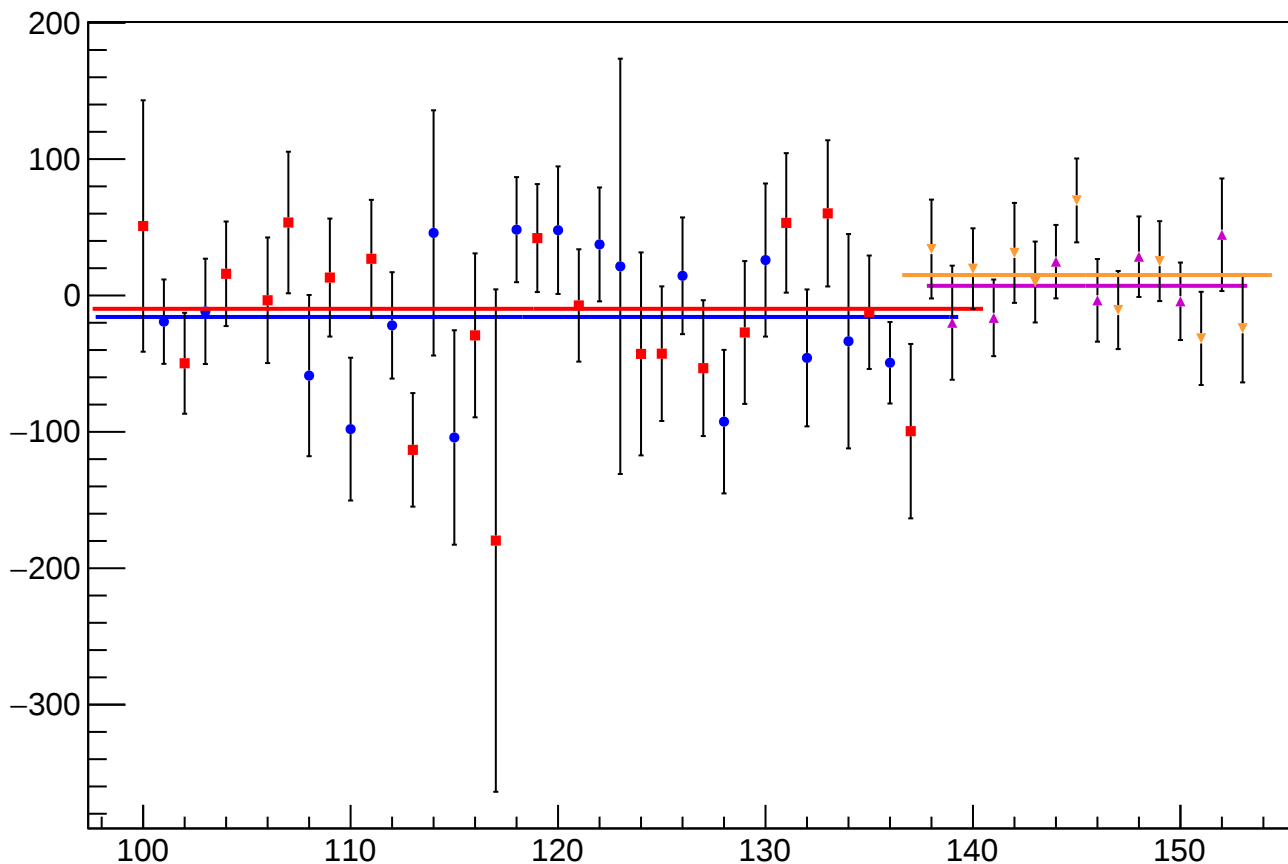
Left In: 3991.348+/-1.516 χ^2/NDF :4042622.2/6

5464.169+/-1.231 χ^2/NDF : 5492255.3/25

5087.610+/-0.835 χ^2/NDF : 12490937.0/5

4767.013+/-1.136 χ^2/NDF : 6825369.3/26

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left Out: 14.995 ± 10.712 $\chi^2/\text{NDF}: 7.4/8$

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

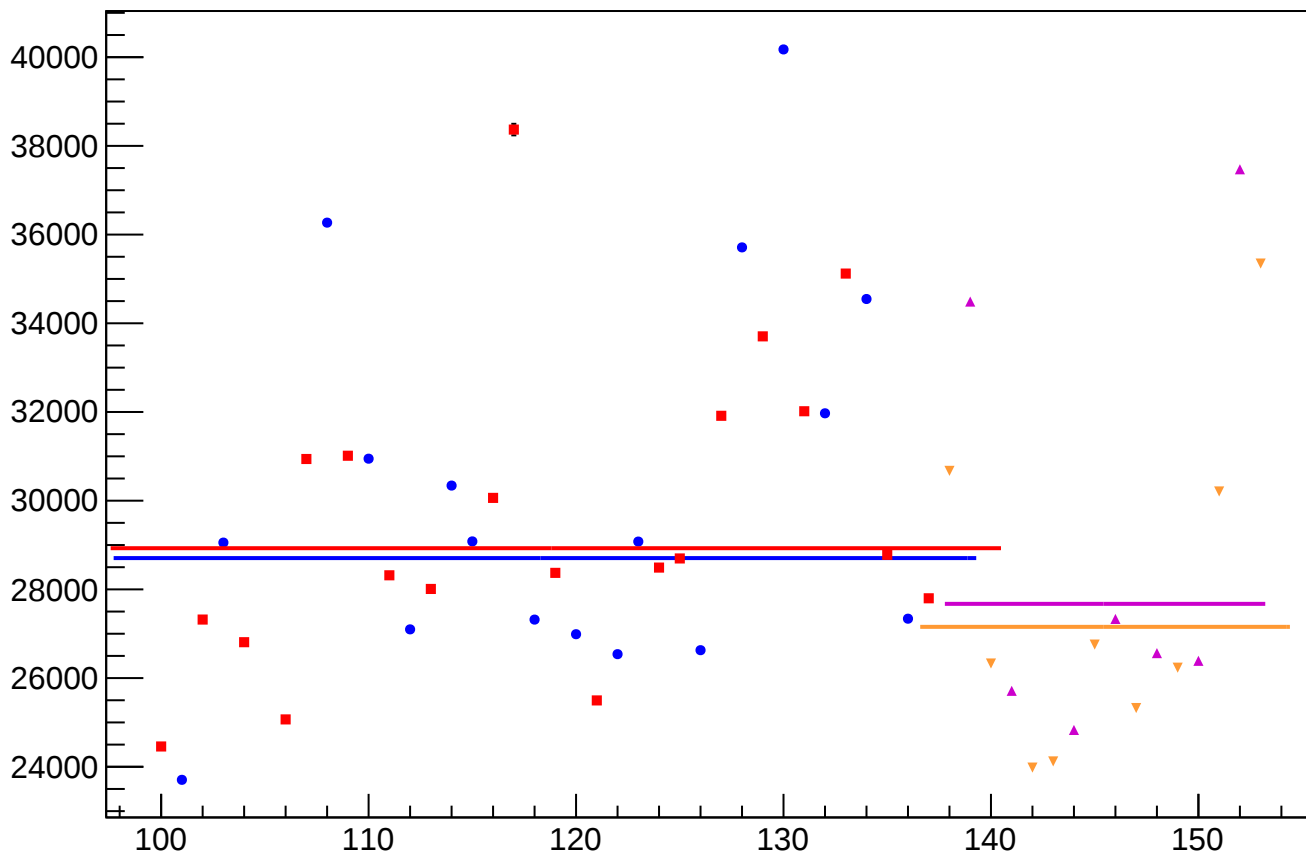
Left In: 7.091 ± 11.718 $\chi^2/\text{NDF}: 3.2/6$

0.316 ± 7.744 $\chi^2/\text{NDF}: 27.3/25$

-0.796 ± 5.554 $\chi^2/\text{NDF}: 51.7/52$

-1.974 ± 7.969 $\chi^2/\text{NDF}: 24.4/26$

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28705.569 ± 7.925 $\chi^2/\text{NDF}: 250992.5/16$

Left Out: 27155.250 ± 7.575 $\chi^2/\text{NDF}: 167771.2/8$

Right Out: 28928.520 ± 7.686 $\chi^2/\text{NDF}: 116482.4/19$

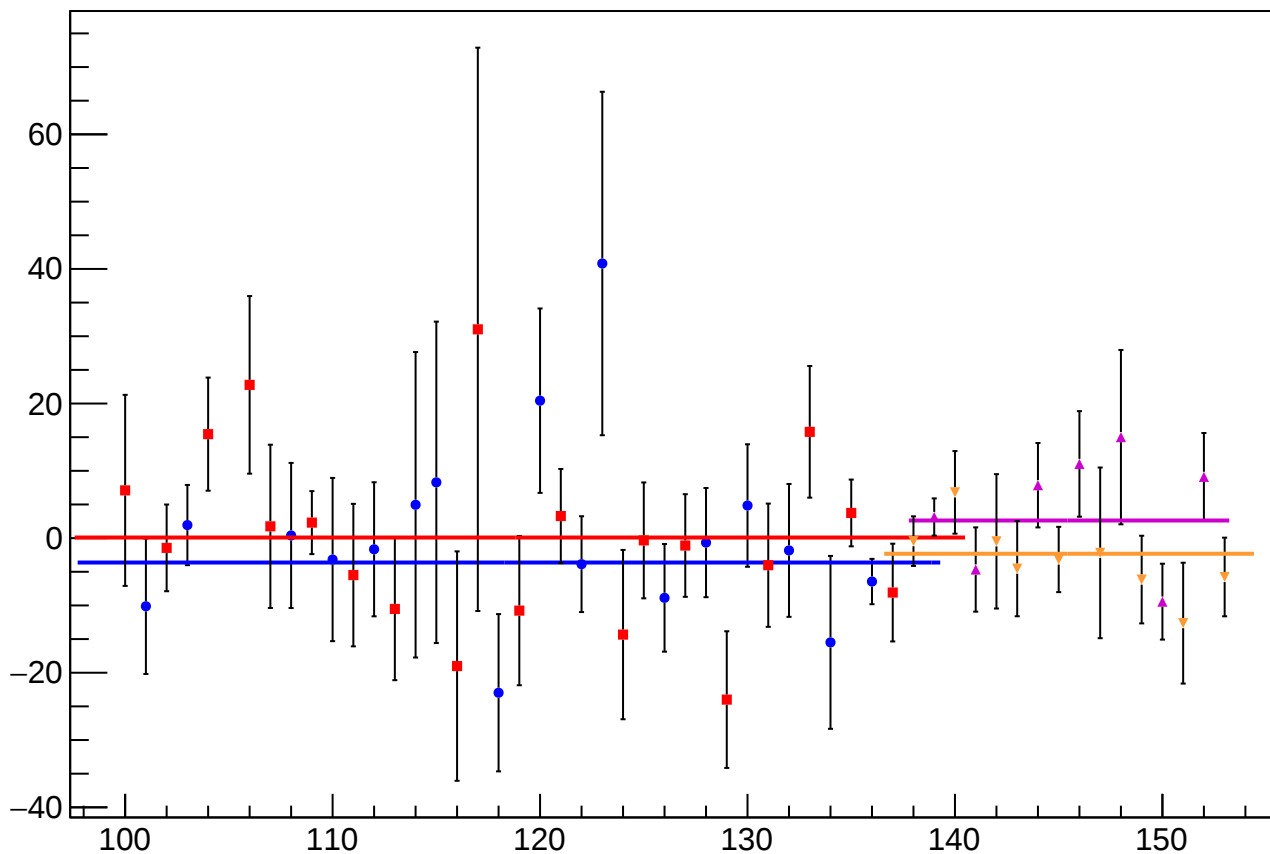
Left In: 27673.730 ± 8.286 $\chi^2/\text{NDF}: 205043.1/6$

27895.410 ± 5.476 $\chi^2/\text{NDF}: 438762.6/25$

28115.299 ± 3.927 $\chi^2/\text{NDF}: 775934.2/52$

28348.181 ± 5.635 $\chi^2/\text{NDF}: 333851.2/26$

diff_bpm12Y_mean vs Slug, Sign Corrected



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

Left Out: -2.321 ± 2.024 χ^2/NDF : 4.6/8

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

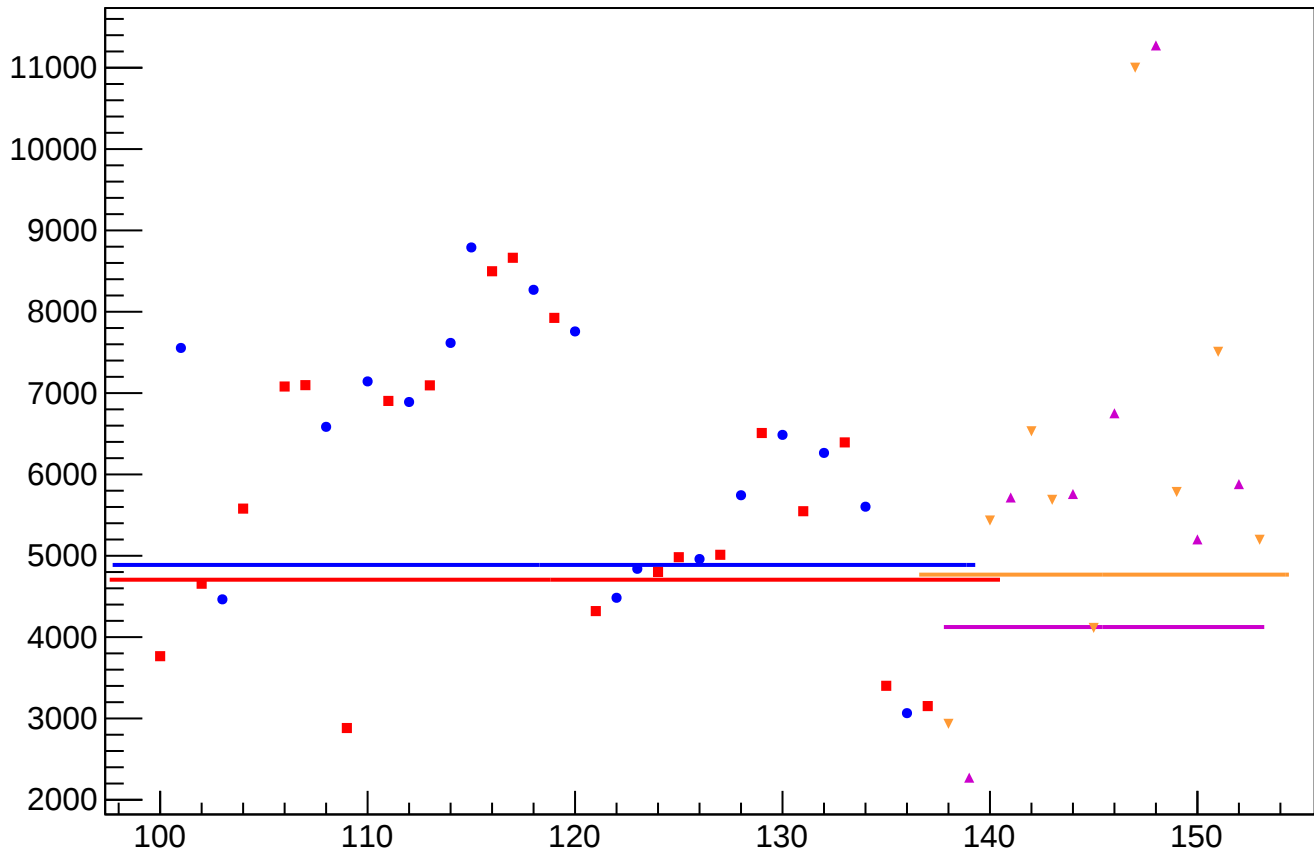
Left In: 2.620 ± 1.964 χ^2/NDF : 9.7/6

-2.979 ± 1.425 χ^2/NDF : 18.6/25

-0.739 ± 0.984 χ^2/NDF : 56.6/52

1.306 ± 1.361 χ^2/NDF : 33.2/26

diff_bpm12Y_rms vs Slug, Sign Corrected



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

Left Out: 4768.279 +/- 1.431 χ^2/NDF : 1380517.2/8

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

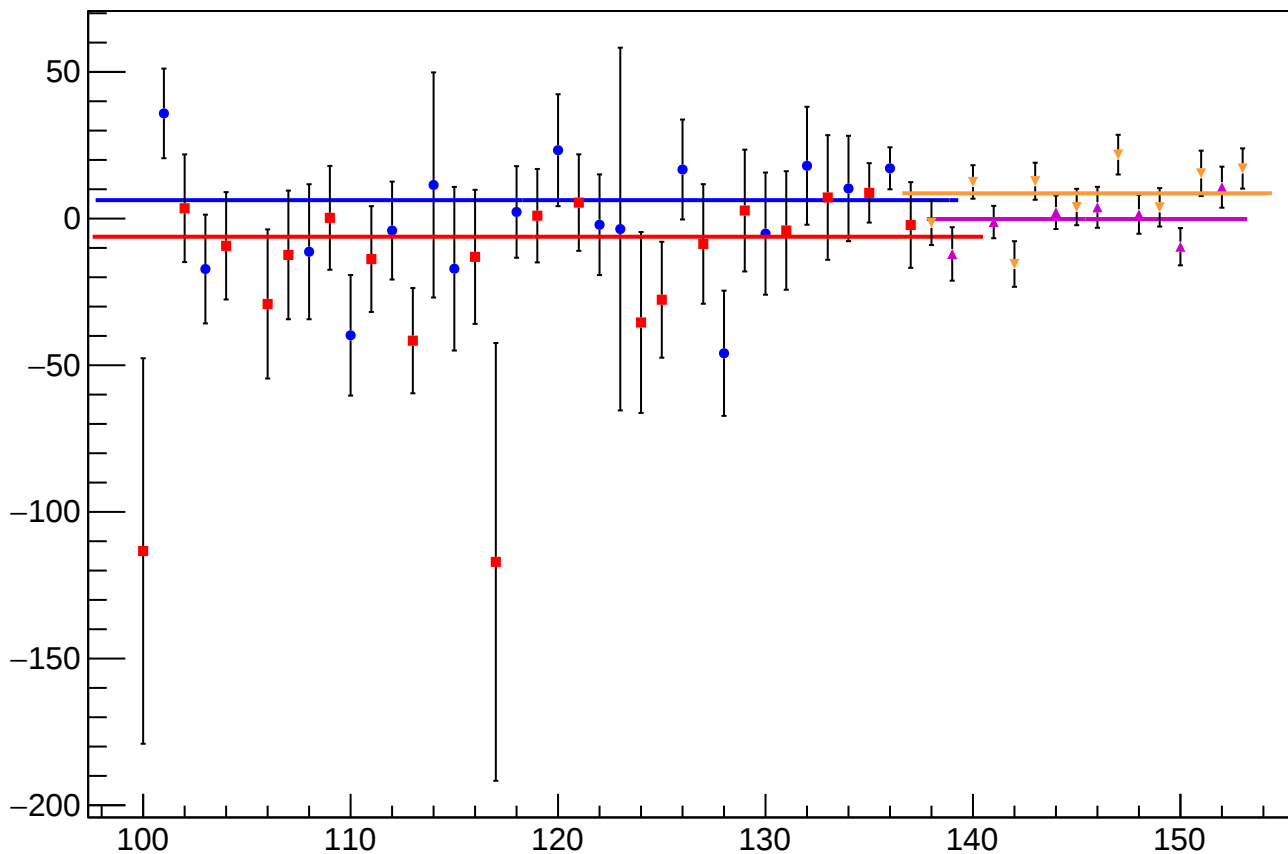
Left In: 4124.108 +/- 1.389 χ^2/NDF : 2217139.2/6

4828.418 +/- 1.007 χ^2/NDF : 2793316.1/25

4618.224 +/- 0.696 χ^2/NDF : 6515961.4/52

4426.384 +/- 0.962 χ^2/NDF : 3639372.9/26

diff_bpm16X_mean vs Slug, Sign Corrected



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

Left Out: 8.613 $\pm$ 2.245 χ^2/NDF : 19.4/8

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

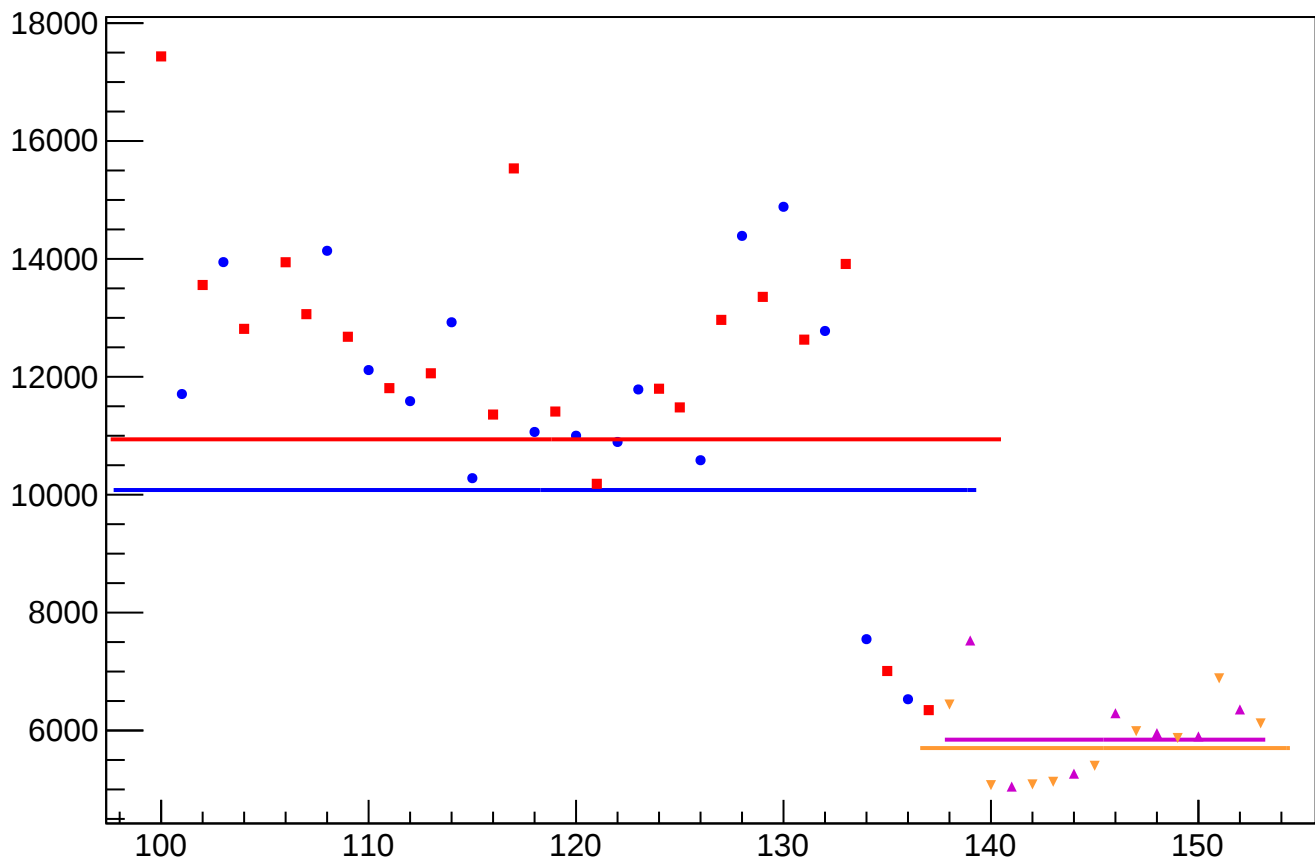
Left In: -0.146 $\pm$ 2.469 χ^2/NDF : 6.9/6

8.069 $\pm$ 1.965 χ^2/NDF : 42.2/25

3.582 $\pm$ 1.444 χ^2/NDF : 78.0/52

-1.690 $\pm$ 2.130 χ^2/NDF : 24.4/26

diff_bpm16X_rms vs Slug, Sign Corrected



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

Left Out: 5701.951 $\pm$ 1.587 χ^2 /NDF:135864.8/8

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

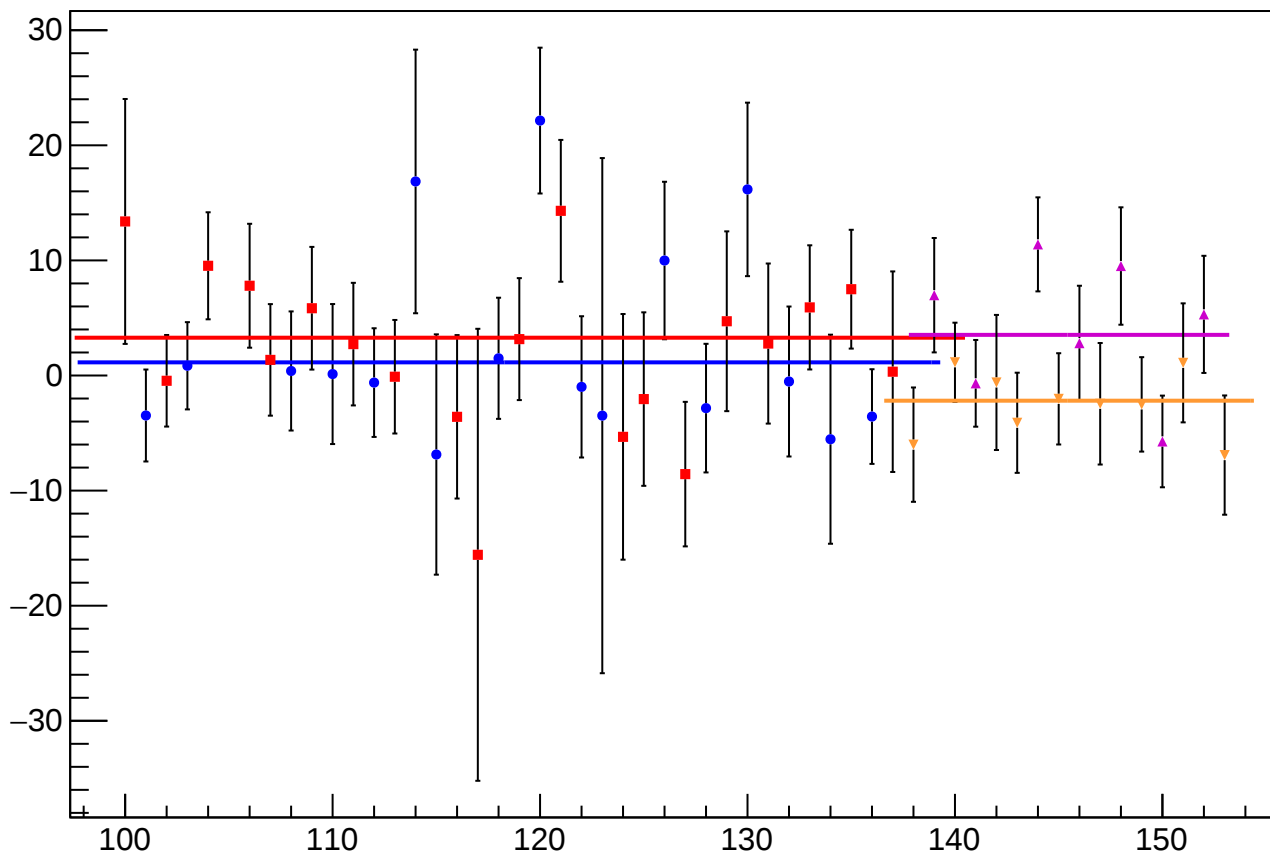
Left In: 5844.493 $\pm$ 1.746 χ^2 /NDF:149681.7/6

6725.295 $\pm$ 1.389 χ^2 /NDF: 2908439.7/25

6919.319 $\pm$ 1.021 χ^2 /NDF: 6054087.6/52

7147.323 $\pm$ 1.506 χ^2 /NDF: 3103235.0/26

diff_bpm16Y_mean vs Slug, Sign Corrected



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

Left Out: -2.188 $\pm$ 1.507 χ^2 /NDF: 3.0/8

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

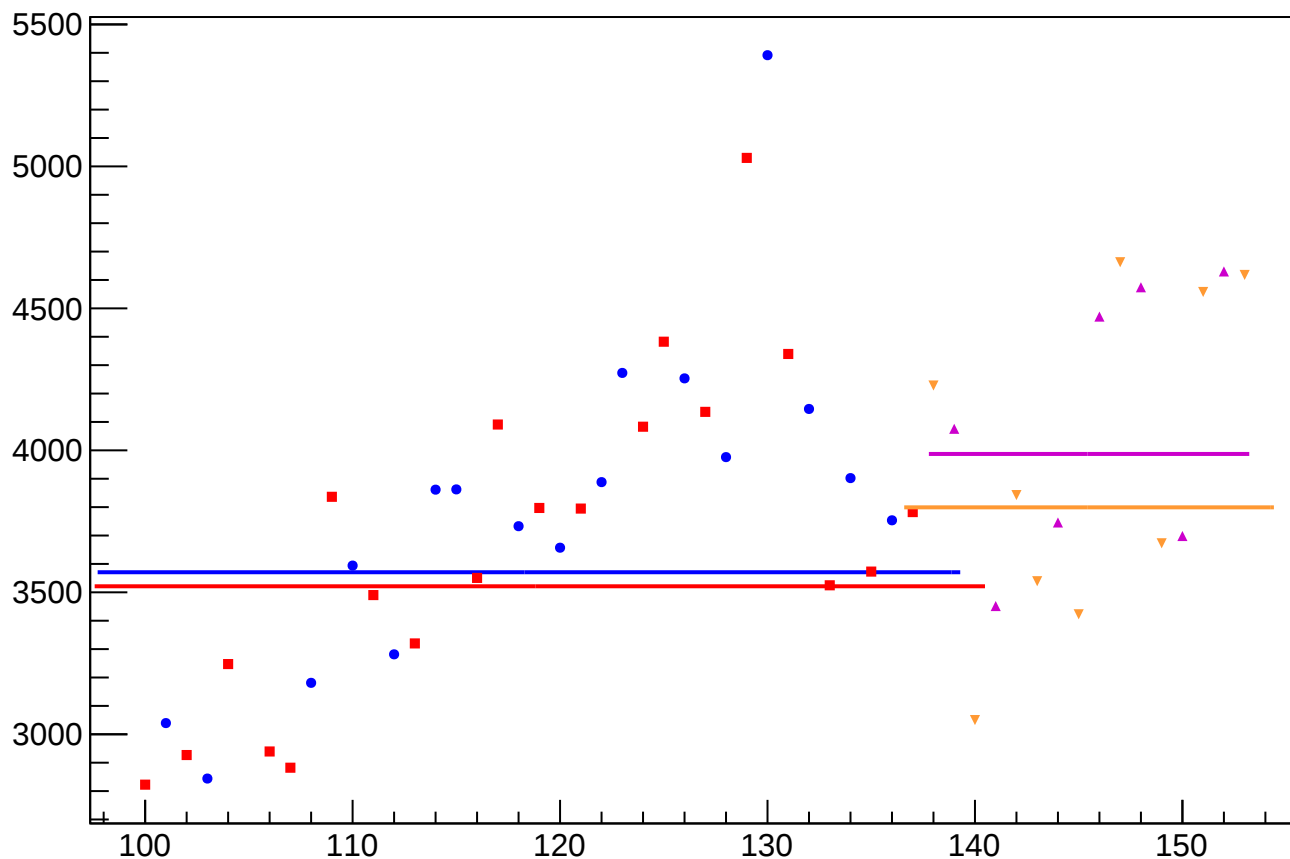
Left In: 3.531 $\pm$ 1.687 χ^2 /NDF: 12.4/6

-0.395 $\pm$ 1.024 χ^2 /NDF: 28.9/25

1.454 $\pm$ 0.731 χ^2 /NDF: 63.9/52

3.379 $\pm$ 1.045 χ^2 /NDF: 28.4/26

diff_bpm16Y_rms vs Slug, Sign Corrected



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

Left Out: 3799.249 $\pm$ 1.065 χ^2 /NDF: 283353.5/8

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

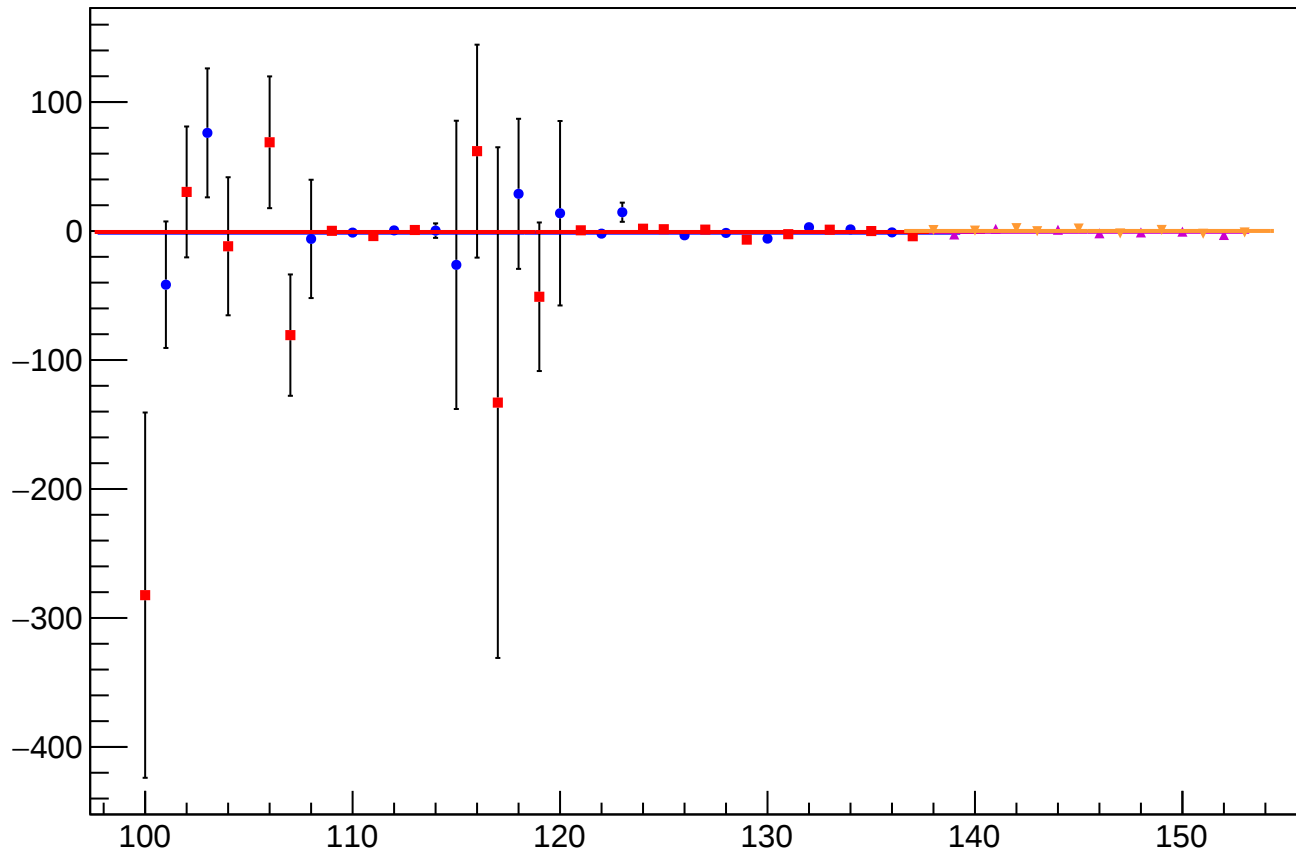
Left In: 3987.288 $\pm$ 1.193 χ^2 /NDF: 135787.4/6

3676.202 $\pm$ 0.724 χ^2 /NDF: 617692.9/25

3687.779 $\pm$ 0.517 χ^2 /NDF: 1143011.1/52

3699.833 $\pm$ 0.739 χ^2 /NDF: 524796.1/26

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.261 $\pm$ 0.748 χ^2/NDF : 16.3/16

Left Out: 0.061 $\pm$ 0.414 χ^2/NDF : 11.3/8

Right Out: -0.735 $\pm$ 0.710 χ^2/NDF : 22.5/19

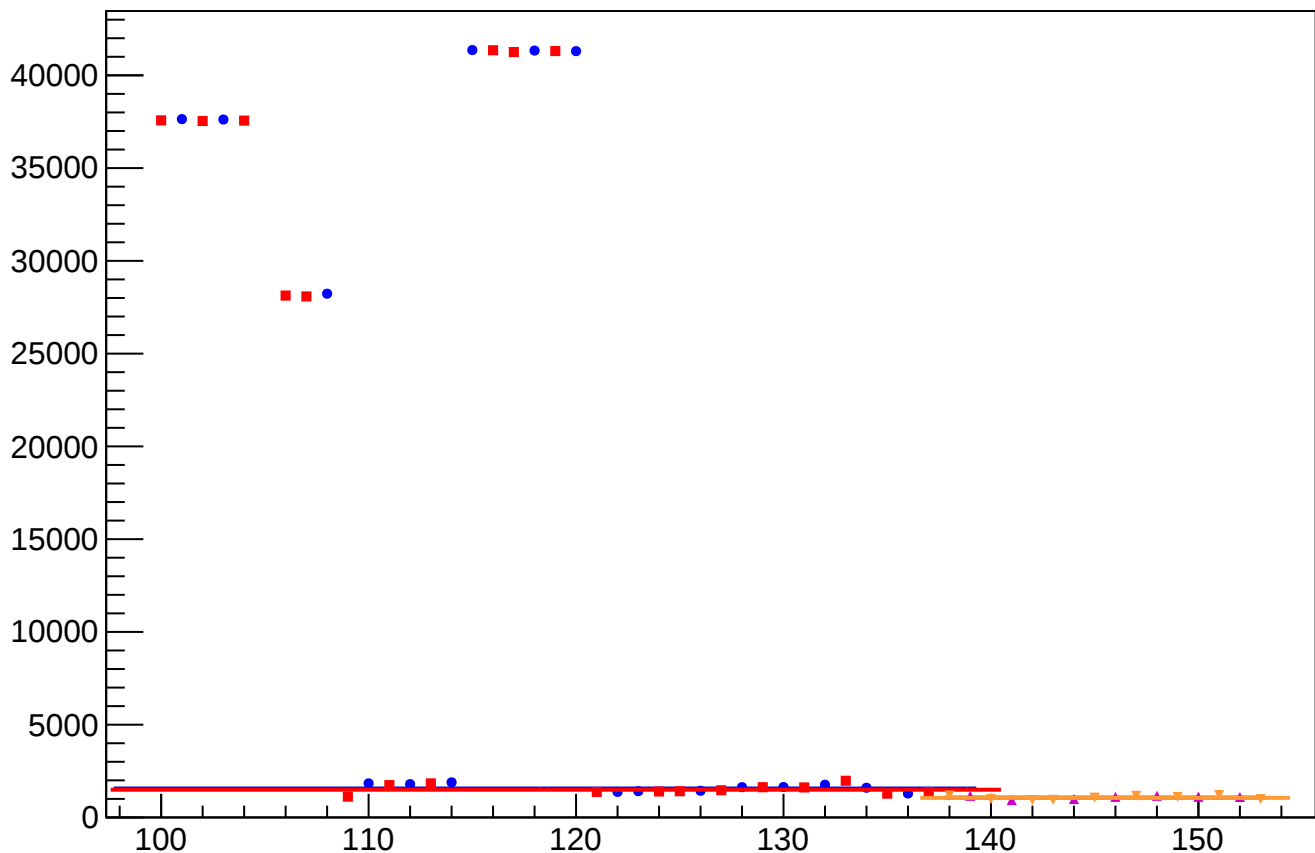
Left In: -0.608 $\pm$ 0.451 χ^2/NDF : 14.4/6

-0.249 $\pm$ 0.362 χ^2/NDF : 30.0/25

-0.437 $\pm$ 0.262 χ^2/NDF : 67.4/52

-0.644 $\pm$ 0.381 χ^2/NDF : 36.9/26

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1558.988 $\pm$ 0.529 χ^2 /NDF: 4753669.7/16

Left Out: 1056.135 $\pm$ 0.293 χ^2 /NDF:105133.5/8

Right Out: 1495.131 $\pm$ 0.502 χ^2 /NDF: 4973587.9/19

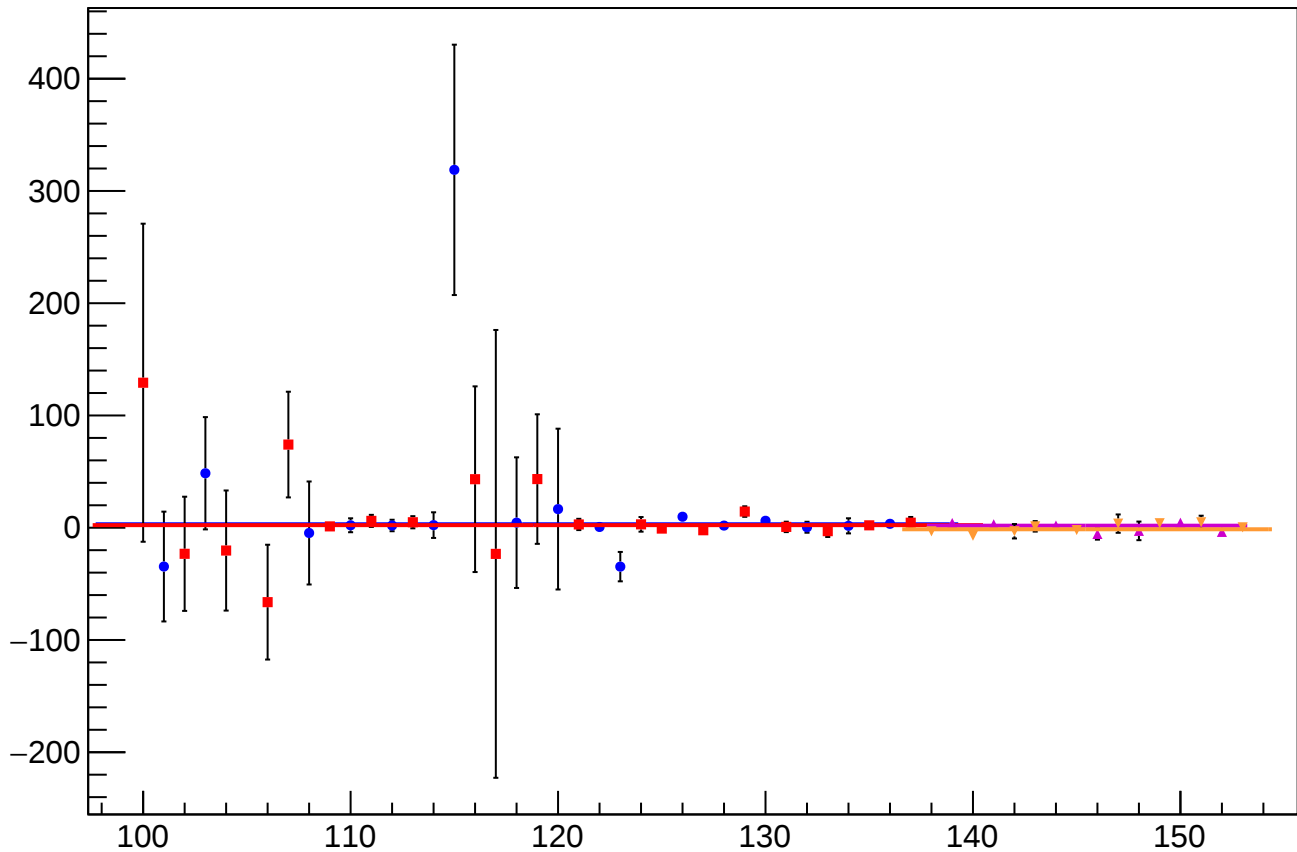
Left In: 1069.006 $\pm$ 0.319 χ^2 /NDF:72789.4/6

1174.259 $\pm$ 0.256 χ^2 /NDF: 5550613.1/25

1182.390 $\pm$ 0.186 χ^2 /NDF: 11112265.2/5

1191.355 $\pm$ 0.269 χ^2 /NDF: 5559536.0/26

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 3.075 $\pm$ 1.323 χ^2/NDF : 21.9/16

Left Out: -1.379 $\pm$ 1.316 χ^2/NDF : 6.4/8

Right Out: 2.305 $\pm$ 1.235 χ^2/NDF : 16.9/19

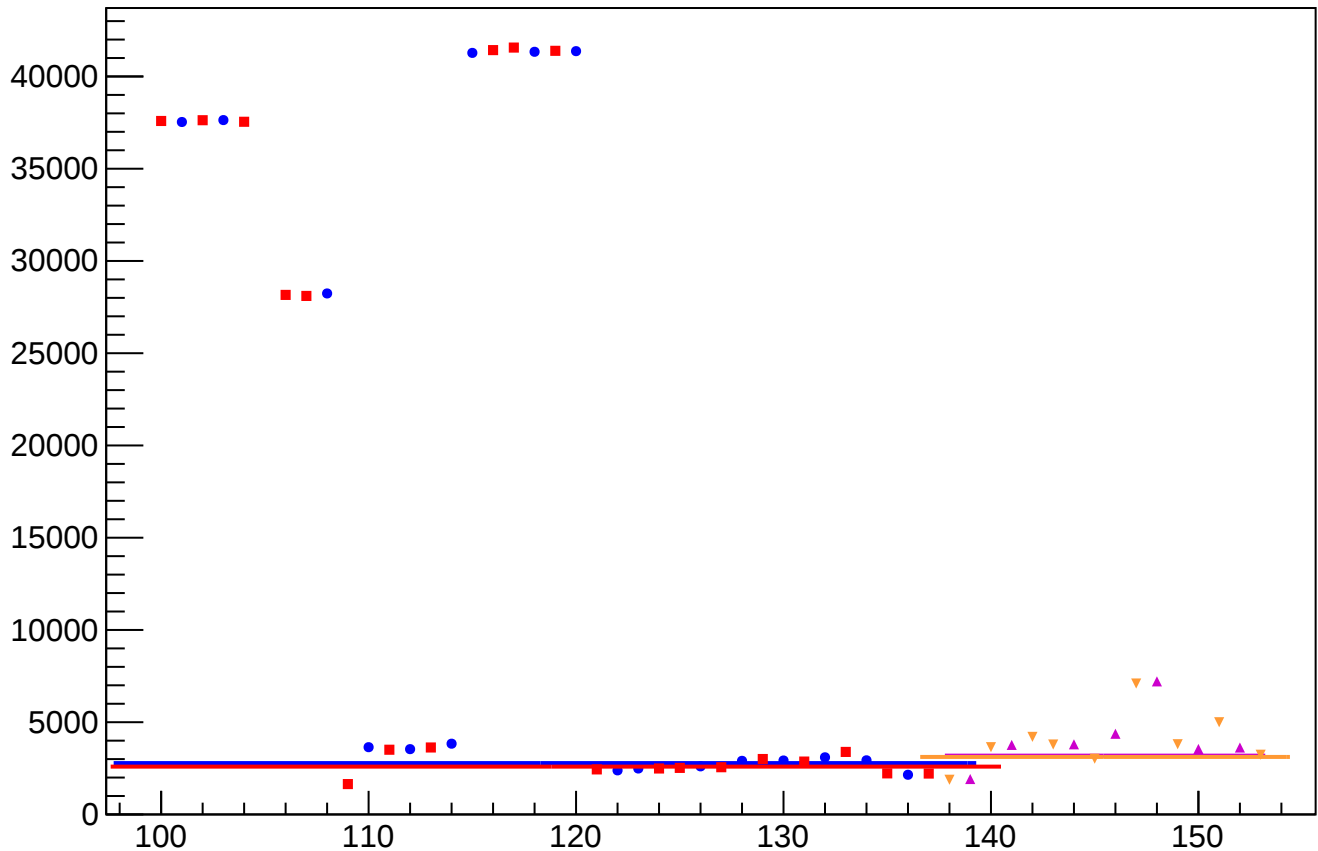
Left In: 1.816 $\pm$ 1.445 χ^2/NDF : 5.9/6

0.836 $\pm$ 0.933 χ^2/NDF : 33.9/25

1.464 $\pm$ 0.662 χ^2/NDF : 57.8/52

2.099 $\pm$ 0.939 χ^2/NDF : 22.9/26

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 2783.989 ± 0.936 $\chi^2/\text{NDF}: 4577424.2/16$

Left Out: 3117.643 ± 0.930 $\chi^2/\text{NDF}: 1464368.6/8$

Right Out: 2592.654 ± 0.873 $\chi^2/\text{NDF}: 4923077.9/19$

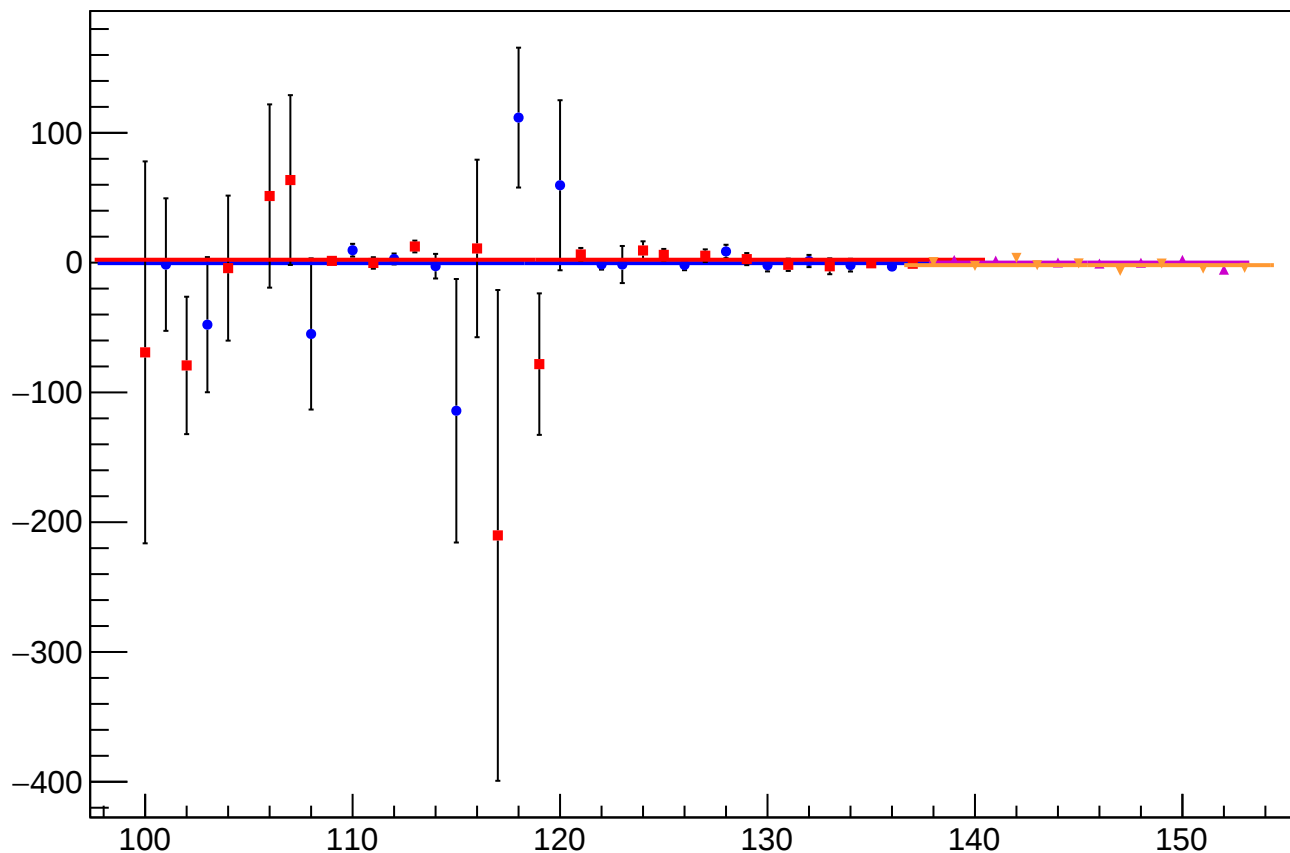
Left In: 3188.310 ± 1.022 $\chi^2/\text{NDF}: 1280912.3/6$

2951.742 ± 0.660 $\chi^2/\text{NDF}: 6105727.1/25$

2898.177 ± 0.468 $\chi^2/\text{NDF}: 12519434.0/5$

2843.972 ± 0.664 $\chi^2/\text{NDF}: 6400445.4/26$

diff_bpm1p03aX_mean vs Slug, Sign Corrected



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

Left Out: -1.944 ± 0.638 χ^2/NDF : 16.5/8

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

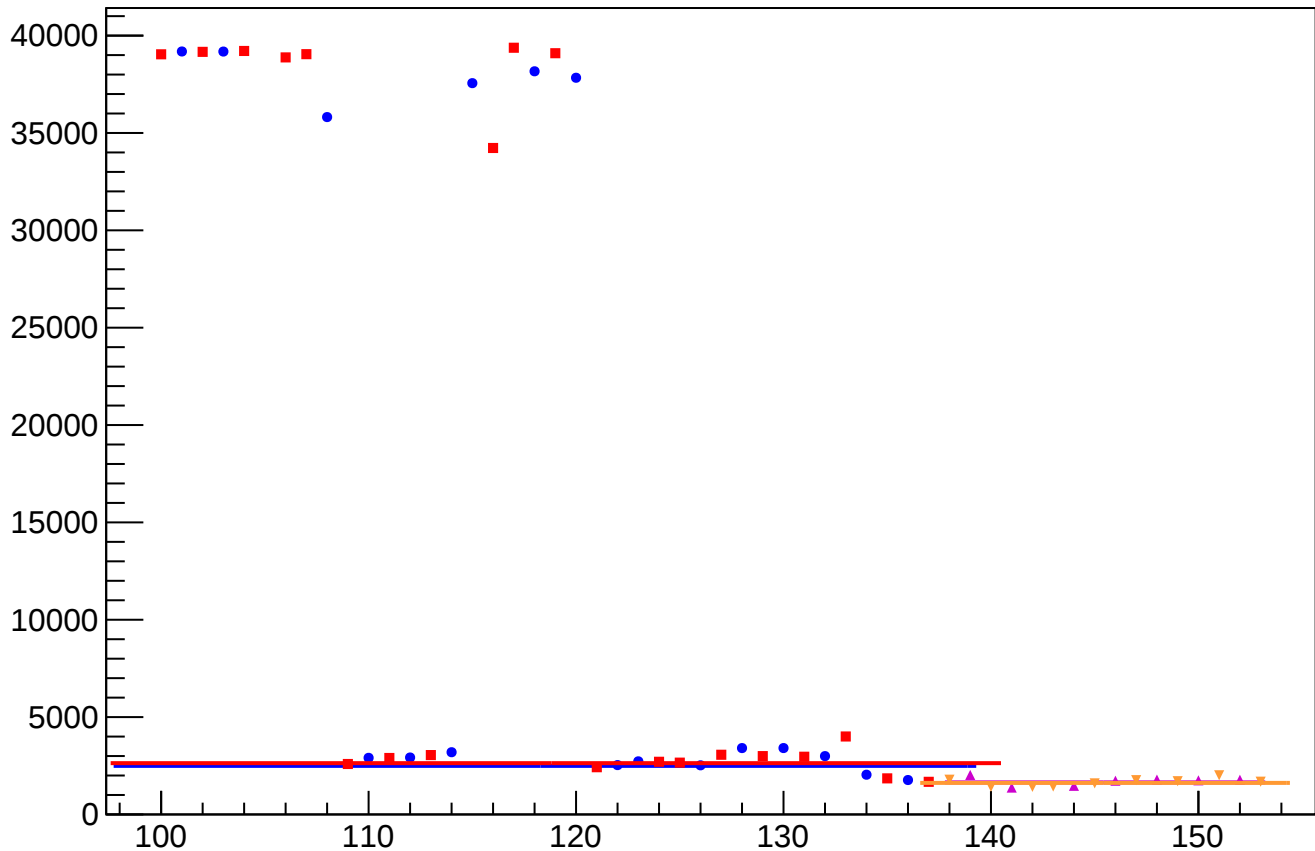
Left In: 0.028 ± 0.697 χ^2/NDF : 10.8/6

-1.612 ± 0.565 χ^2/NDF : 36.0/25

-0.609 ± 0.414 χ^2/NDF : 74.7/52

0.555 ± 0.609 χ^2/NDF : 31.9/26

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2495.603 $\pm$ 0.861 χ^2/NDF : 4882334.6/16

Left Out: 1621.110 $\pm$ 0.451 χ^2/NDF : 160912.1/8

Right Out: 2634.840 $\pm$ 0.881 χ^2/NDF : 4936039.0/19

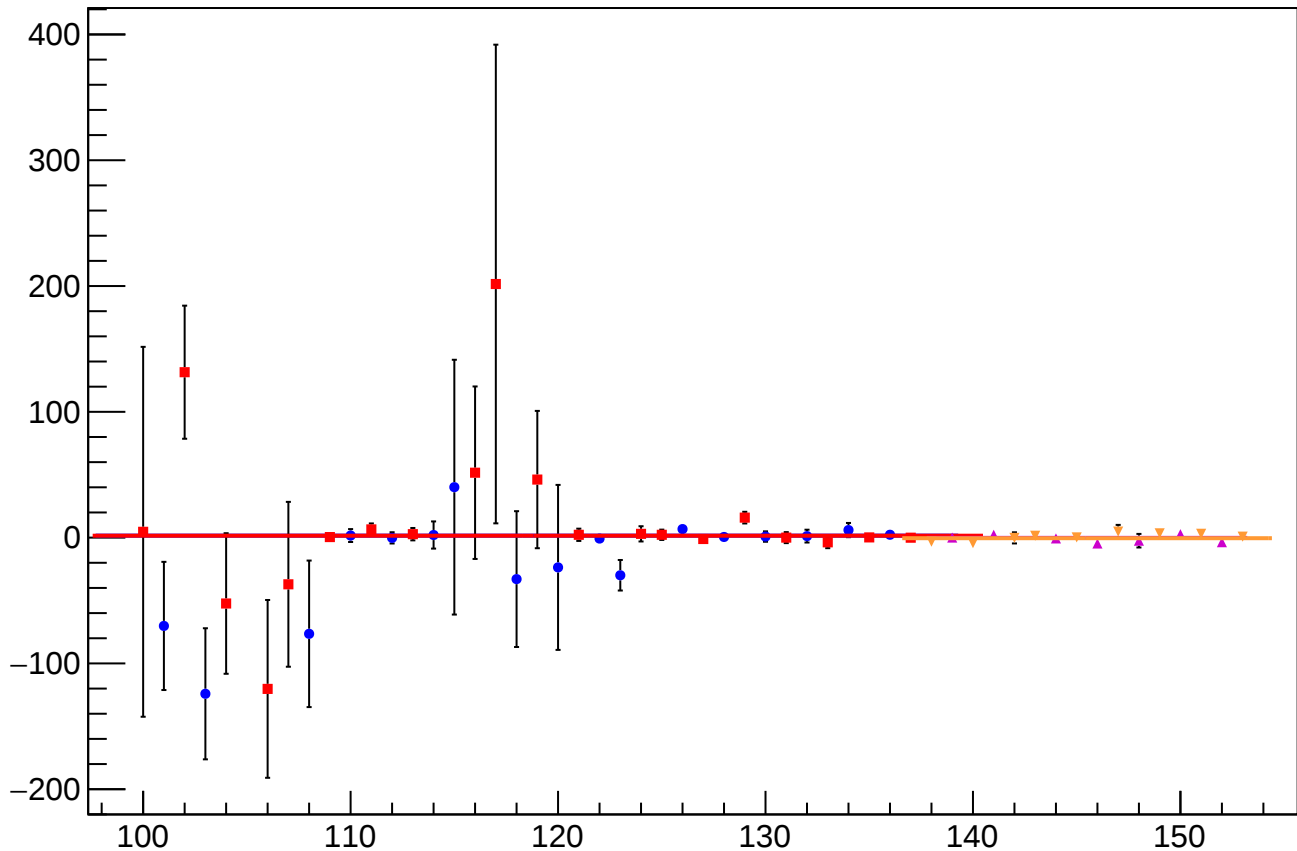
Left In: 1648.269 $\pm$ 0.493 χ^2/NDF : 165639.6/6

1809.436 $\pm$ 0.400 χ^2/NDF : 5852422.0/25

1843.789 $\pm$ 0.293 χ^2/NDF : 11924971.4/5

1883.617 $\pm$ 0.430 χ^2/NDF : 6056591.9/26

diff_bpm1p03aY_mean vs Slug, Sign Corrected



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

Left Out: -0.462 ± 0.893 χ^2/NDF : 9.1/8

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

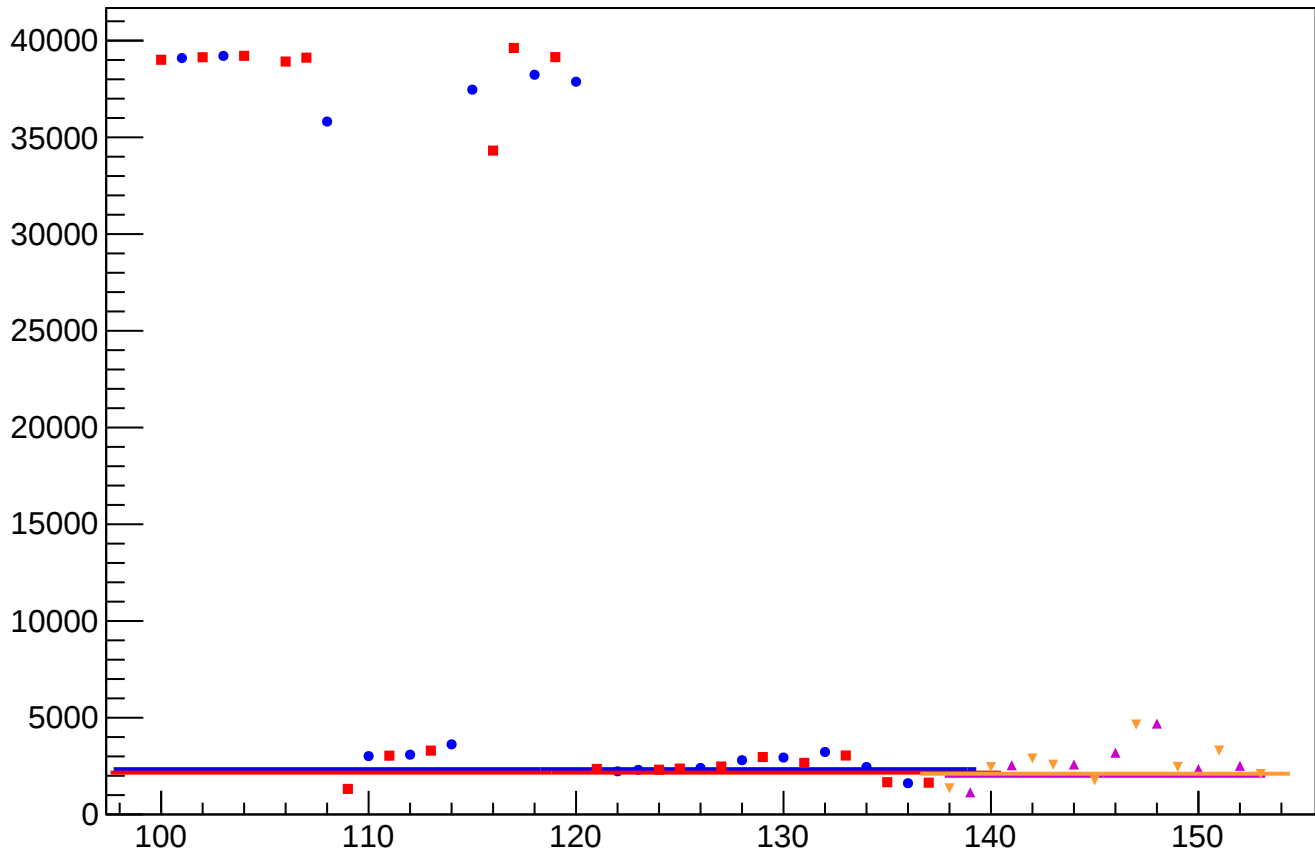
Left In: -0.192 ± 0.928 χ^2/NDF : 5.4/6

0.310 ± 0.704 χ^2/NDF : 31.4/25

0.433 ± 0.496 χ^2/NDF : 64.5/52

0.553 ± 0.699 χ^2/NDF : 33.0/26

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

Left Out: 2107.220+/-0.631 χ^2/NDF :1254608.1/8

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

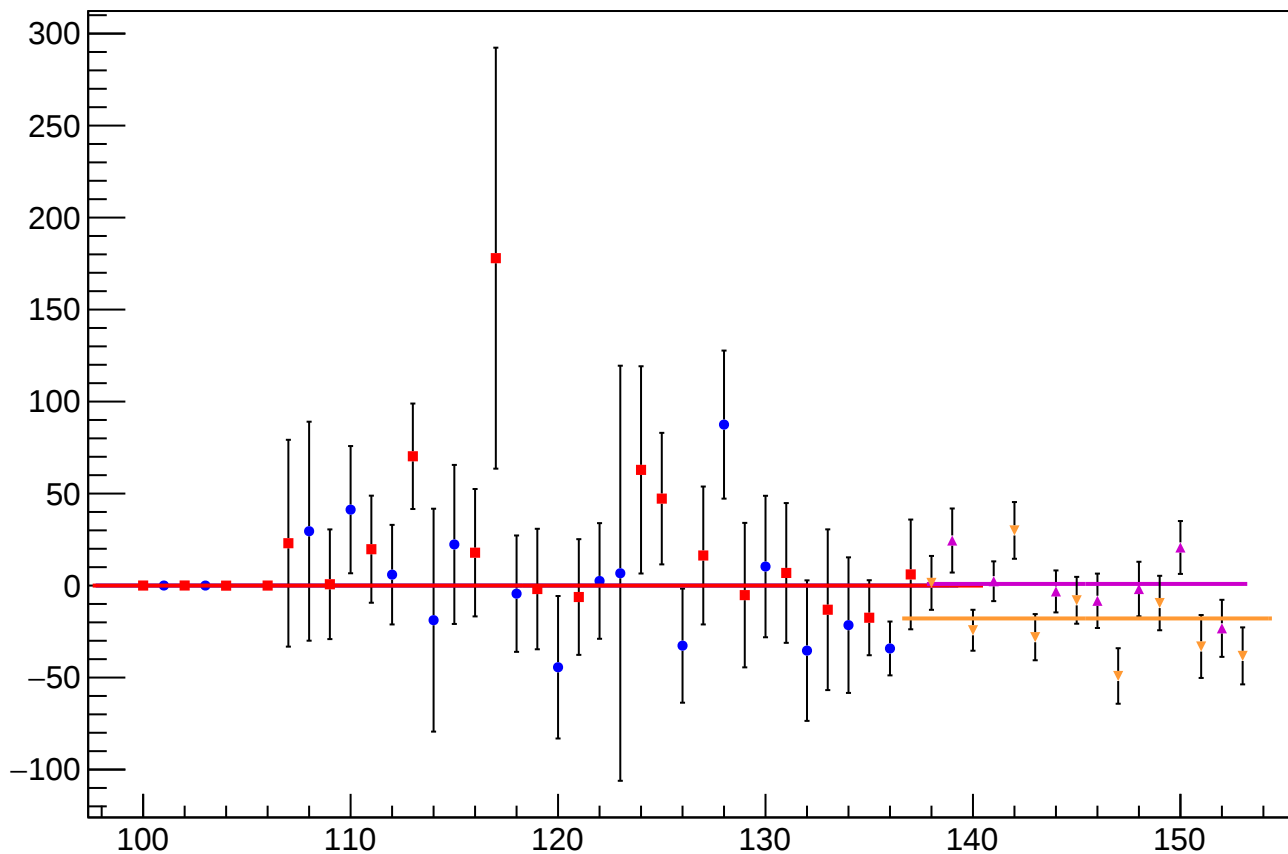
Left In: 2000.054+/-0.656 χ^2/NDF :1734924.7/6

2195.852+/-0.497 χ^2/NDF : 6313498.4/25

2132.672+/-0.351 χ^2/NDF : 13483506.8/5

2070.322+/-0.494 χ^2/NDF : 7137963.9/26

diff_cav4bX_mean vs Slug, Sign Corrected



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

Left Out: -17.875 ± 4.662 χ^2/NDF : 20.1/8

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

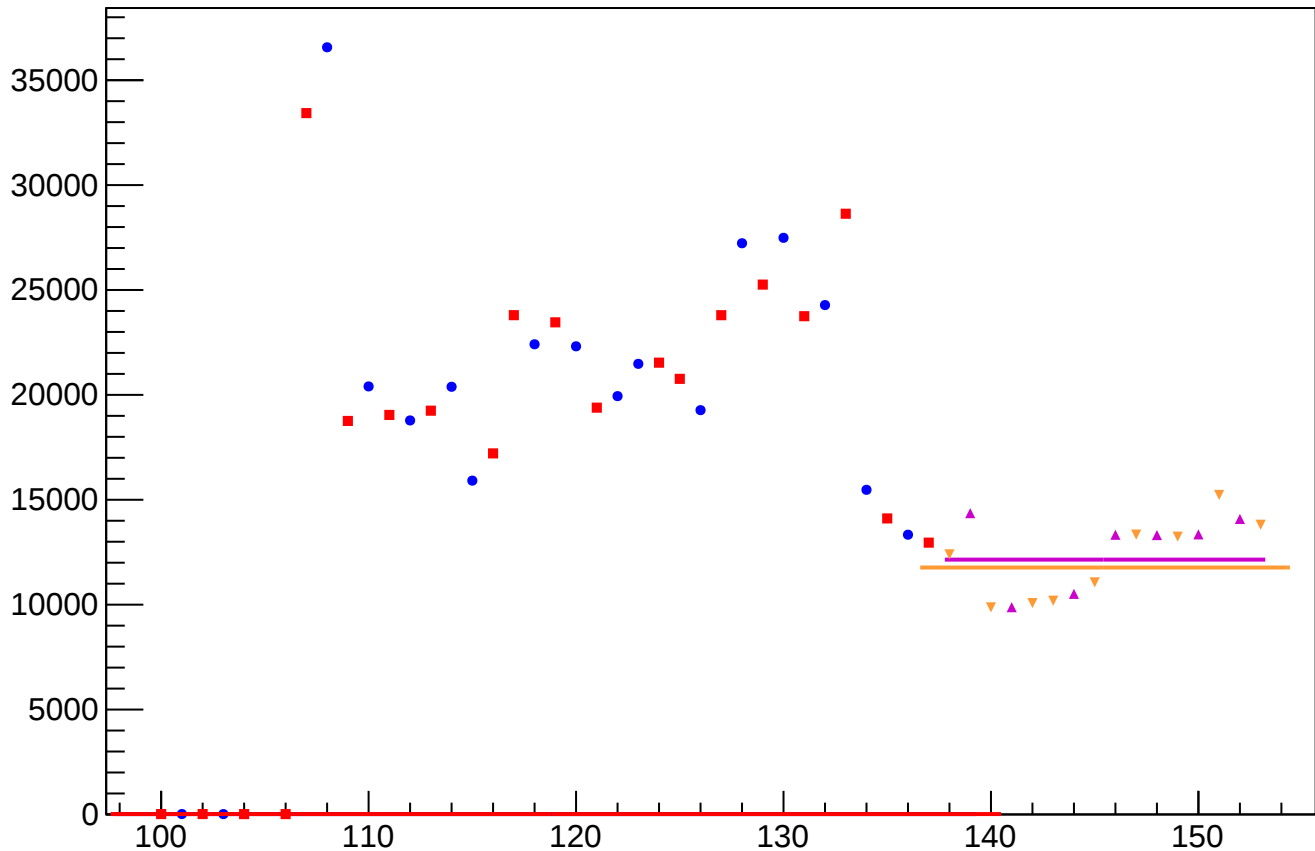
Left In: 0.888 ± 5.151 χ^2/NDF : 6.7/6

0.013 ± 0.017 χ^2/NDF : 51.0/25

0.004 ± 0.012 χ^2/NDF : 76.5/52

-0.003 ± 0.016 χ^2/NDF : 25.1/26

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.642 ± 0.012 $\chi^2/\text{NDF}: 10984160.5/16$

Left Out: 11770.359 ± 3.297 $\chi^2/\text{NDF}: 281990.3/8$

Right Out: 18.312 ± 0.011 $\chi^2/\text{NDF}: 11197081.8/19$

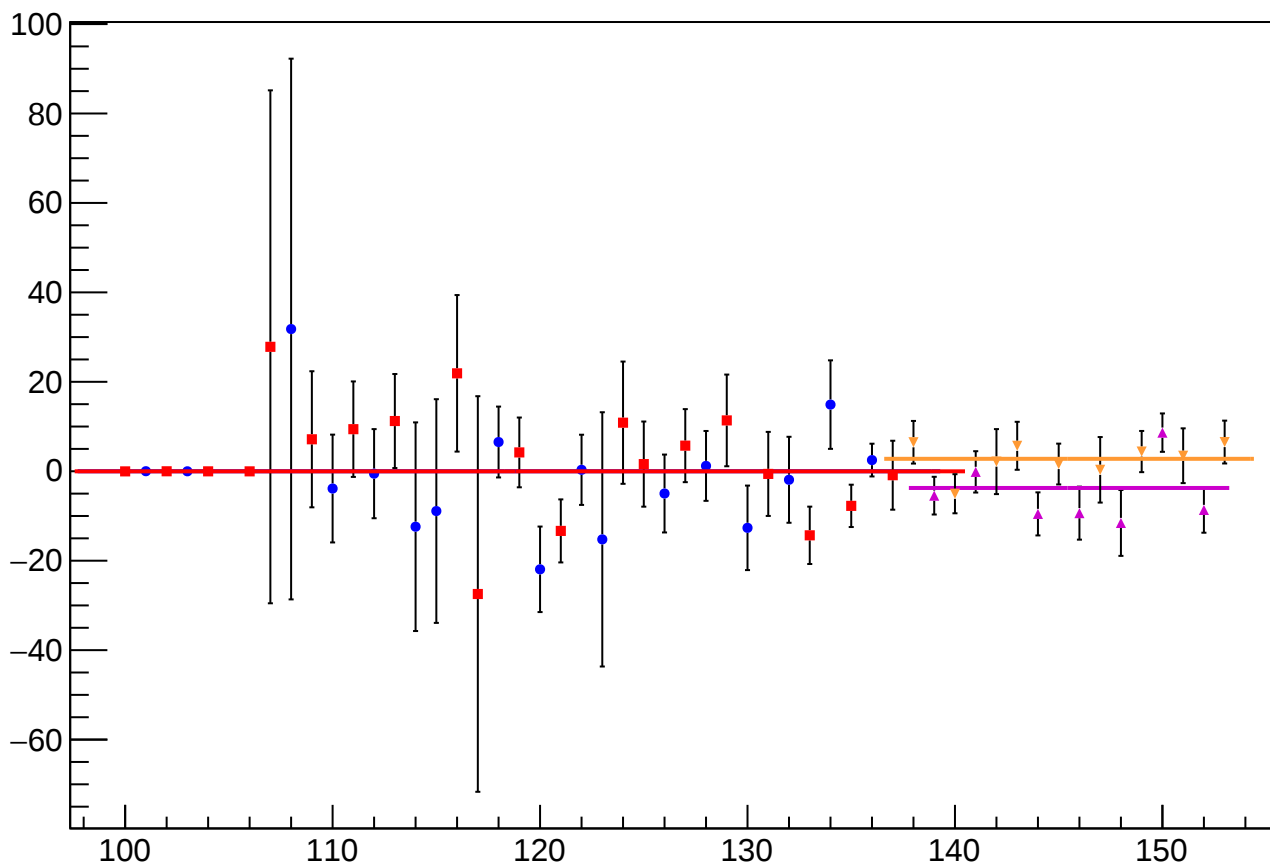
Left In: 12146.750 ± 3.643 $\chi^2/\text{NDF}: 231958.2/6$

18.804 ± 0.012 $\chi^2/\text{NDF}: 23974115.2/25$

18.603 ± 0.008 $\chi^2/\text{NDF}: 46489781.7/52$

18.430 ± 0.011 $\chi^2/\text{NDF}: 22515165.4/26$

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.009 χ^2/NDF : 13.0/16

Left Out: 2.783 $\pm$ 1.730 χ^2/NDF : 5.0/8

Right Out: -0.014 $\pm$ 0.009 χ^2/NDF : 19.0/19

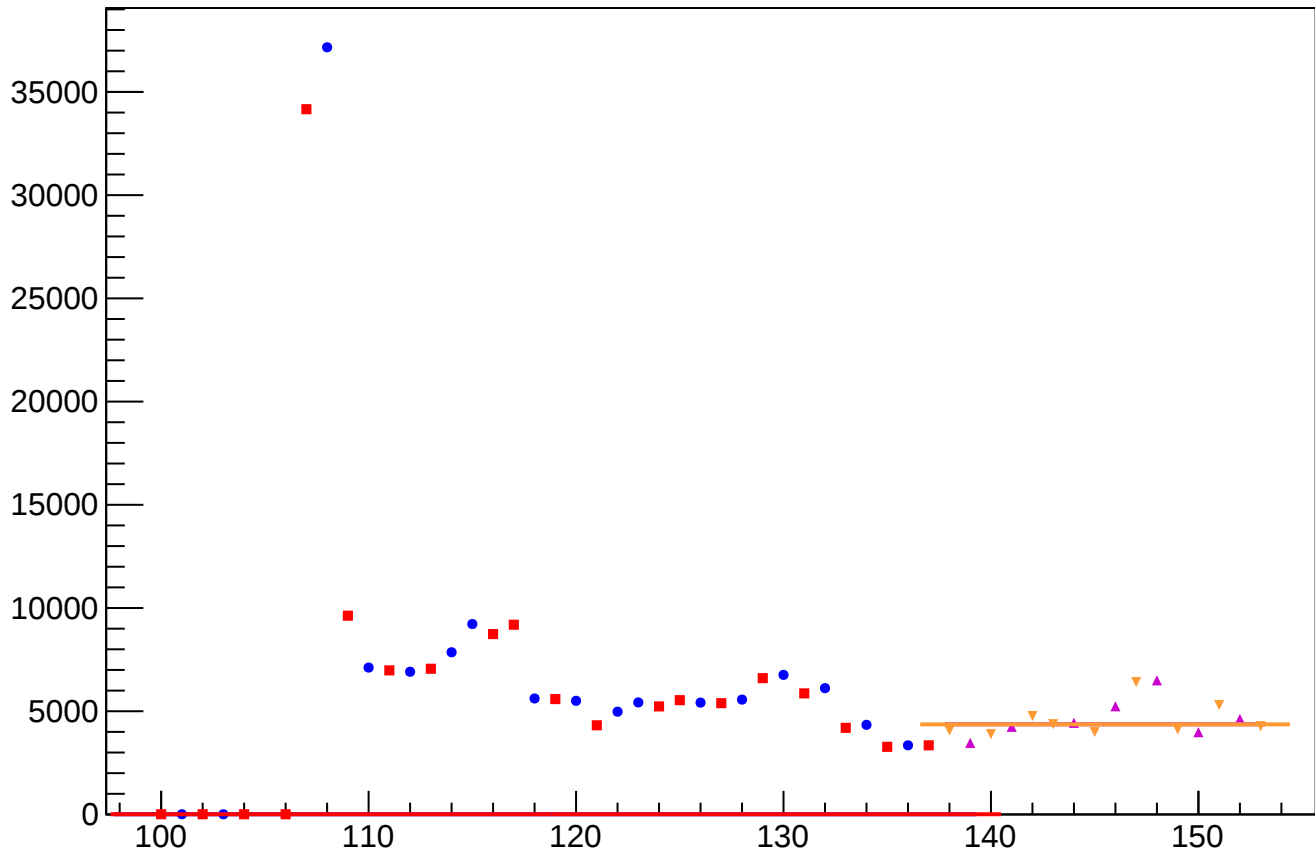
Left In: -3.736 $\pm$ 1.870 χ^2/NDF : 13.5/6

0.001 $\pm$ 0.009 χ^2/NDF : 20.6/25

-0.007 $\pm$ 0.006 χ^2/NDF : 58.5/52

-0.014 $\pm$ 0.009 χ^2/NDF : 36.4/26

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.939 $\pm$ 0.007 χ^2 /NDF: 11114526.8/16

Left Out: 4364.032 $\pm$ 1.223 χ^2 /NDF: 259769.6/8

Right Out: 9.855 $\pm$ 0.006 χ^2 /NDF: 11246160.9/19

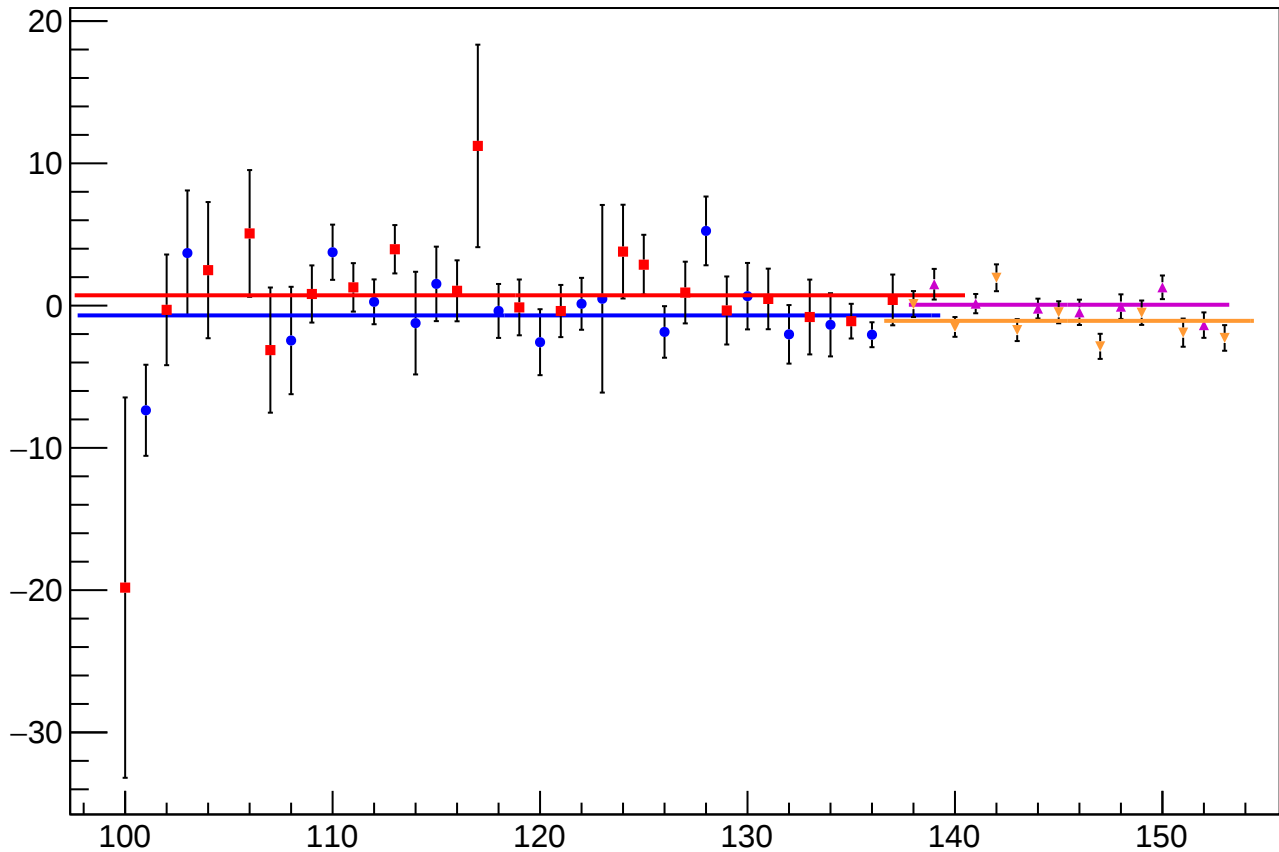
Left In: 4368.175 $\pm$ 1.323 χ^2 /NDF: 324670.0/6

10.062 $\pm$ 0.007 χ^2 /NDF: 24042081.1/25

10.002 $\pm$ 0.004 χ^2 /NDF: 46471407.6/52

9.948 $\pm$ 0.006 χ^2 /NDF: 22429162.8/26

diff_cav4cX_mean vs Slug, Sign Corrected



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

Left Out: -1.071 ± 0.281 $\chi^2/\text{NDF}: 20.7/8$

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

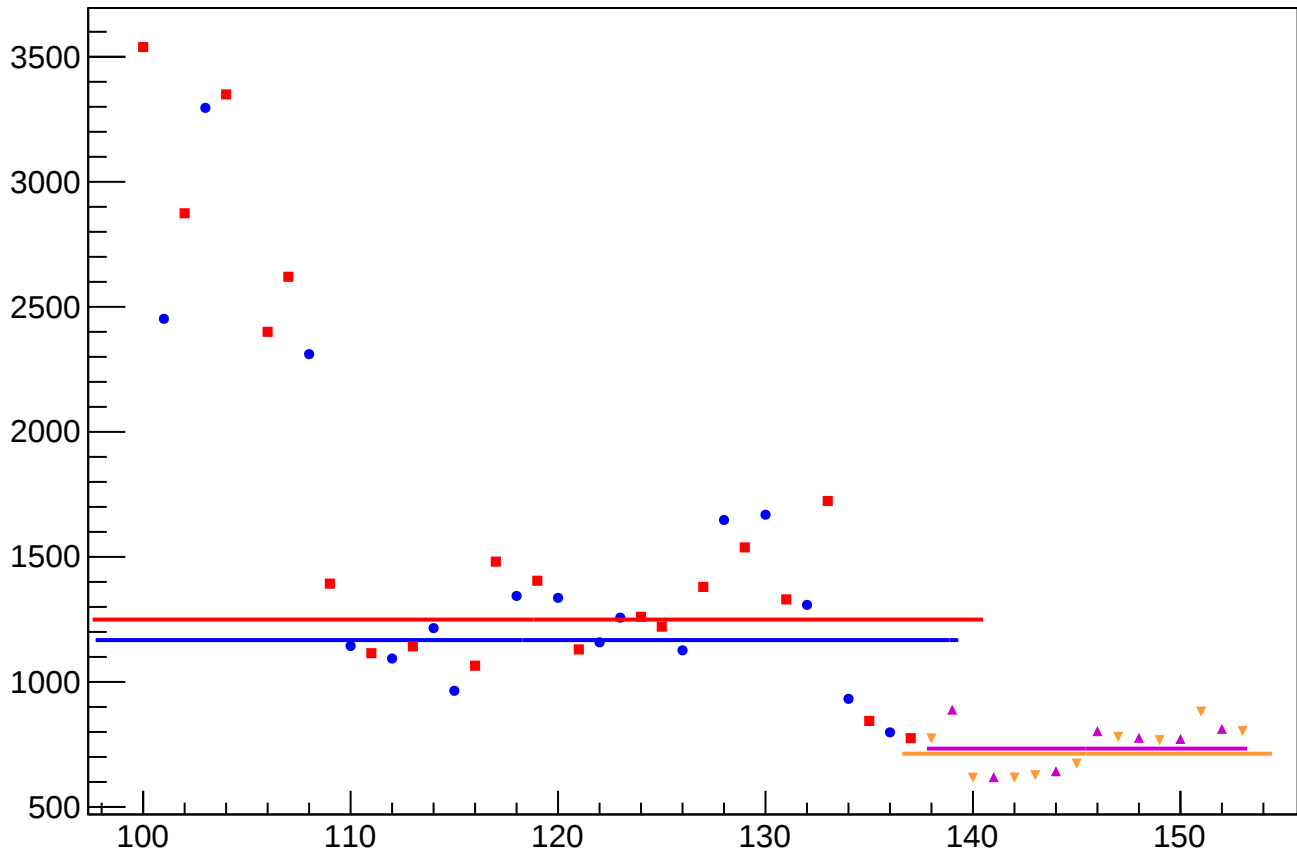
Left In: 0.060 ± 0.310 $\chi^2/\text{NDF}: 7.1/6$

-0.974 ± 0.243 $\chi^2/\text{NDF}: 43.7/25$

-0.414 ± 0.179 $\chi^2/\text{NDF}: 79.1/52$

0.245 ± 0.263 $\chi^2/\text{NDF}: 23.9/26$

diff_cav4cX_rms vs Slug, Sign Corrected



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

Left Out: 713.013+/-0.199 χ^2/NDF : 194943.2/8

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

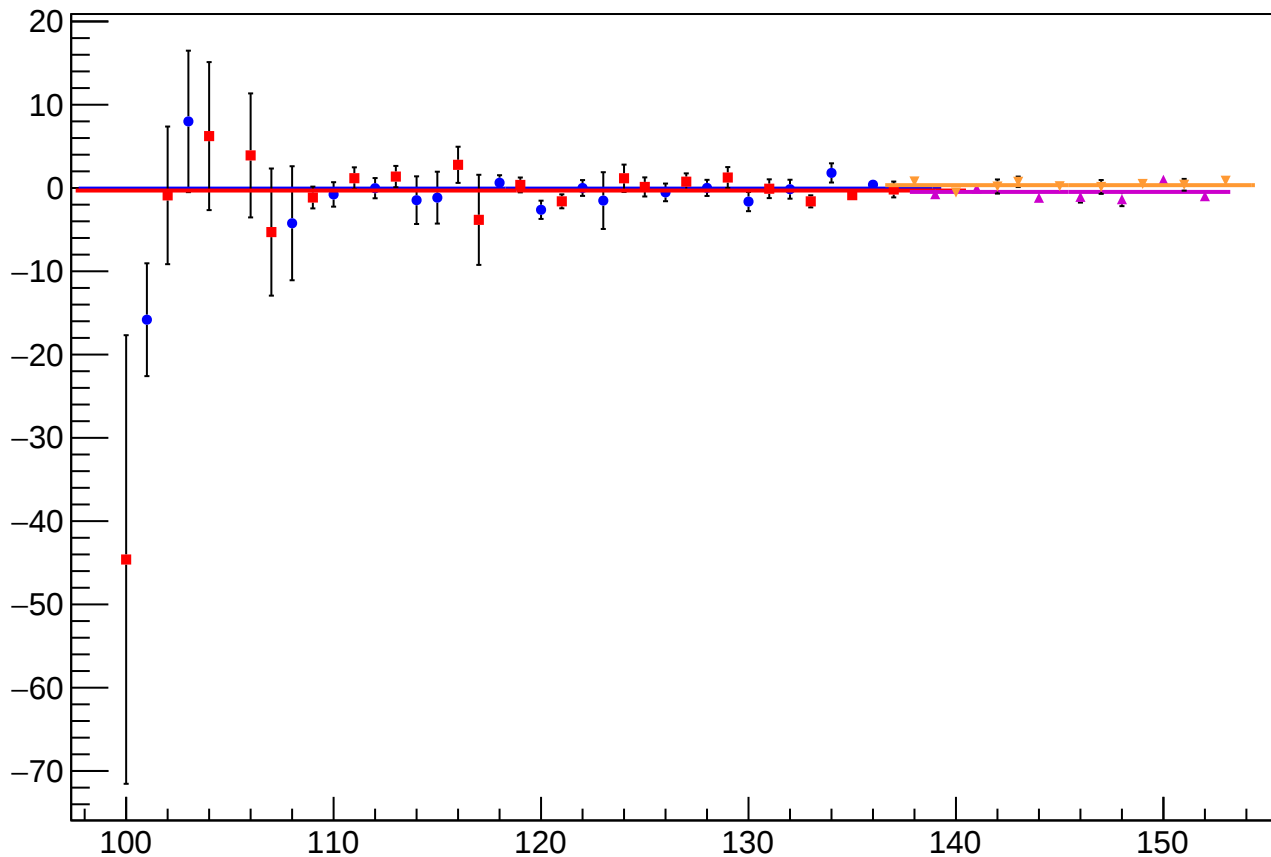
Left In: 733.481+/-0.219 χ^2/NDF : 169451.7/6

828.355+/-0.172 χ^2/NDF : 3097985.0/25

850.723+/-0.126 χ^2/NDF : 6500761.1/52

877.017+/-0.186 χ^2/NDF : 3365902.2/26

diff_cav4cY_mean vs Slug, Sign Corrected



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

Left Out: 0.342 ± 0.204 χ^2/NDF : 5.1/8

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

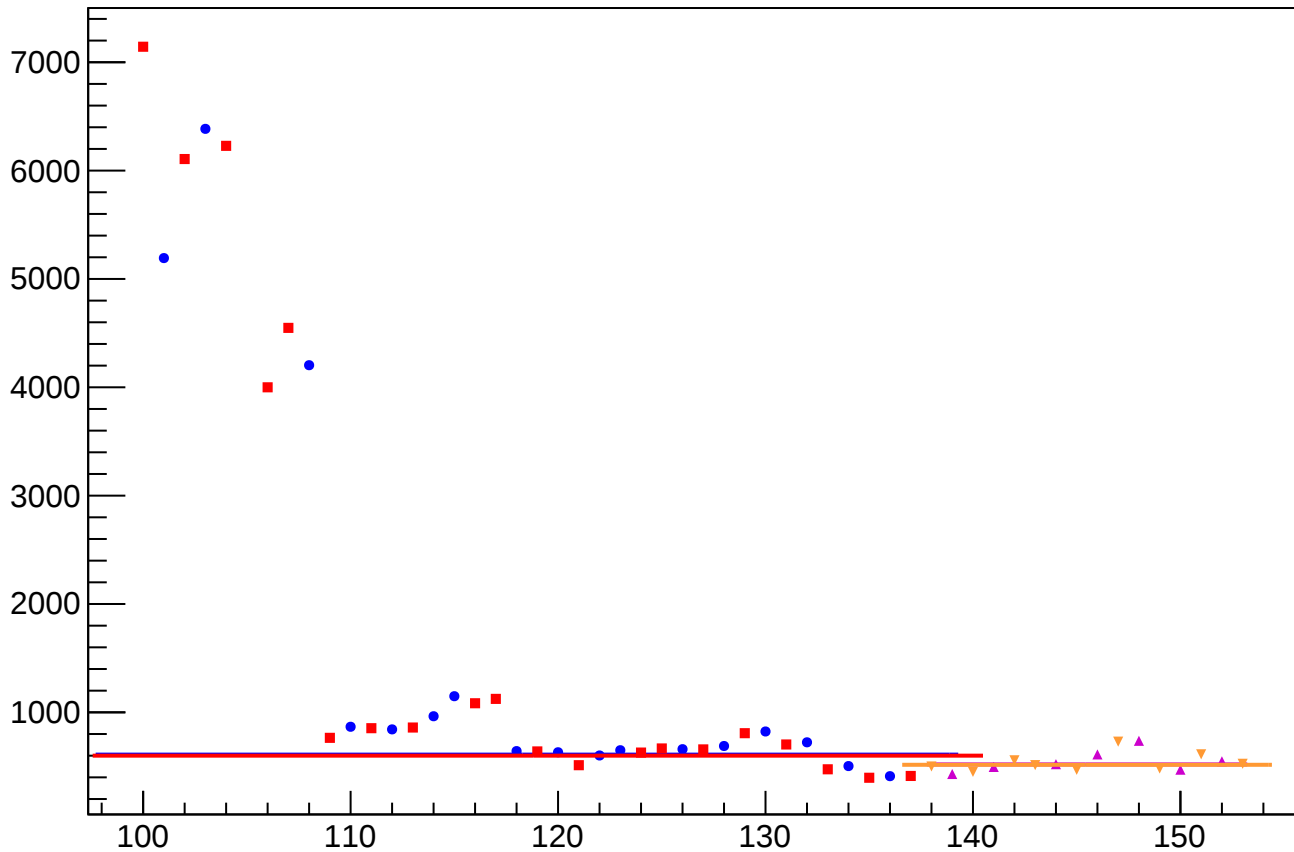
Left In: -0.470 ± 0.222 χ^2/NDF : 13.2/6

0.190 ± 0.162 χ^2/NDF : 25.8/25

-0.092 ± 0.117 χ^2/NDF : 66.3/52

-0.400 ± 0.170 χ^2/NDF : 34.1/26

diff_cav4cY_rms vs Slug, Sign Corrected



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

Left Out: 515.876 $\pm$ 0.144 χ^2 /NDF: 232617.9/8

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

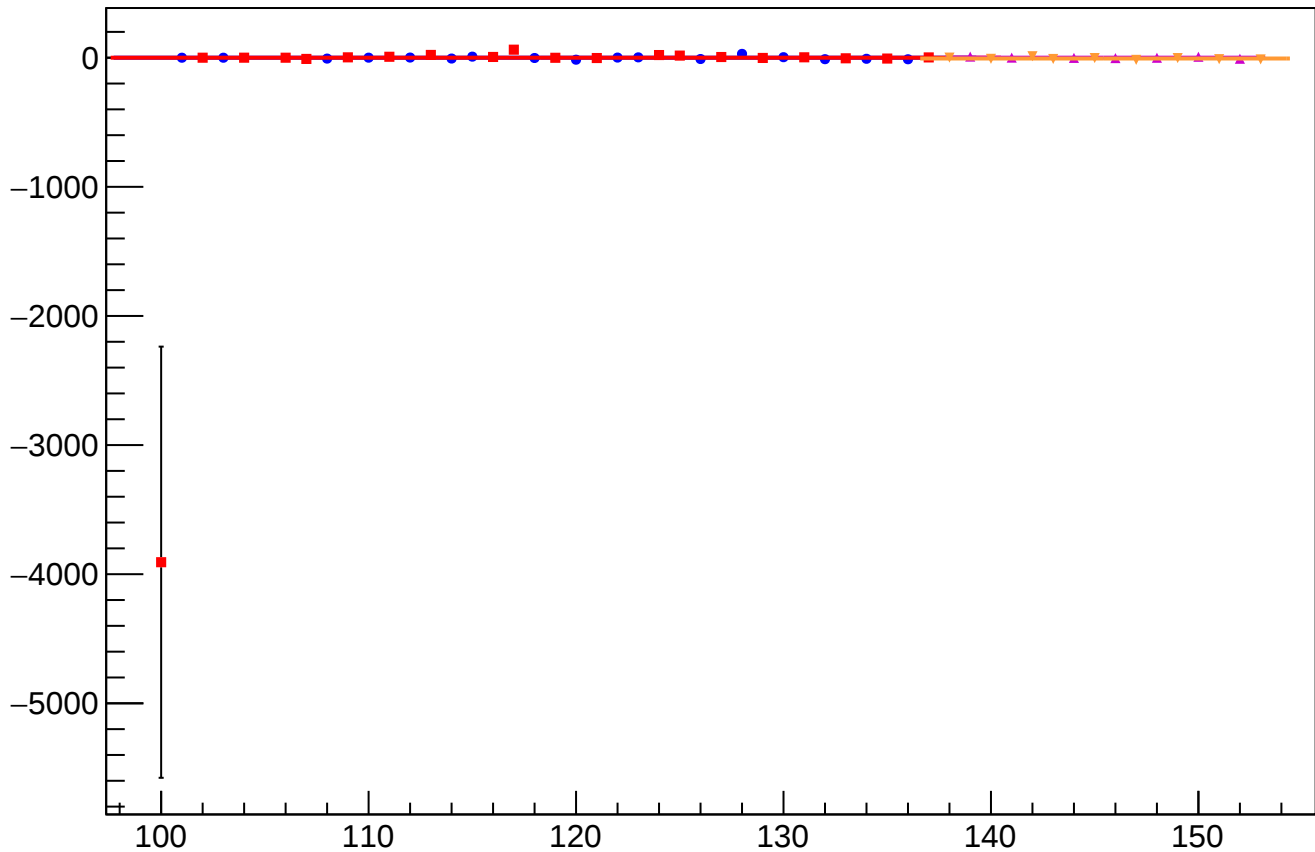
Left In: 519.548 $\pm$ 0.157 χ^2 /NDF: 255750.0/6

550.248 $\pm$ 0.115 χ^2 /NDF: 3523588.6/25

551.551 $\pm$ 0.083 χ^2 /NDF: 7460677.5/52

552.971 $\pm$ 0.120 χ^2 /NDF: 3936820.2/26

diff_cav4dX_mean vs Slug, Sign Corrected



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

Left Out: -6.179 $\pm$ 1.633 χ^2 /NDF: 20.8/8

Right Out: 0.027 $\pm$ 0.020 χ^2 /NDF: 20.5/19

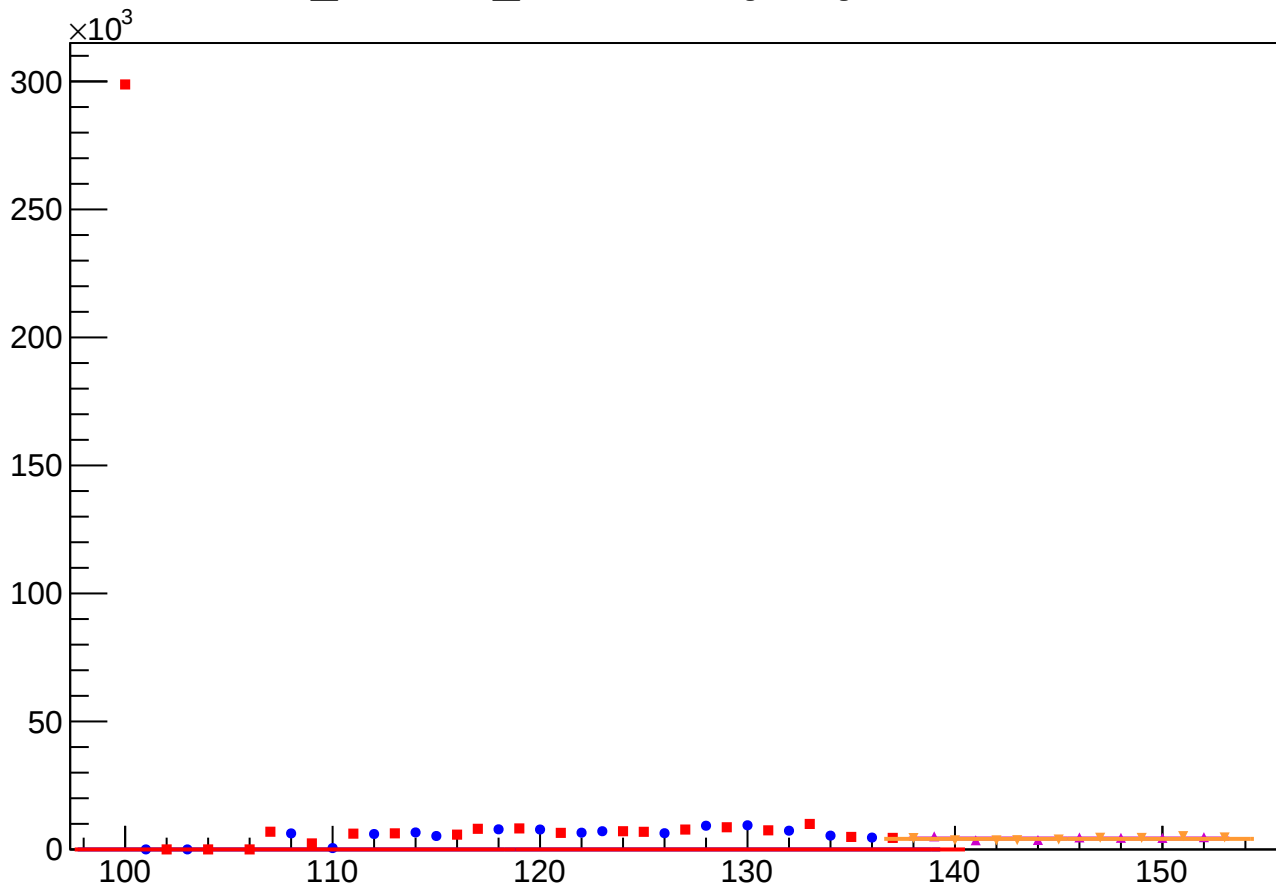
Left In: 0.364 $\pm$ 1.805 χ^2 /NDF: 7.0/6

-0.023 $\pm$ 0.021 χ^2 /NDF: 50.7/25

0.003 $\pm$ 0.014 χ^2 /NDF: 81.2/52

0.027 $\pm$ 0.020 χ^2 /NDF: 27.5/26

diff_cav4dX_rms vs Slug, Sign Corrected



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

Left Out: 4136.337 $\pm$ 1.155 χ^2 /NDF: 214488.0/8

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

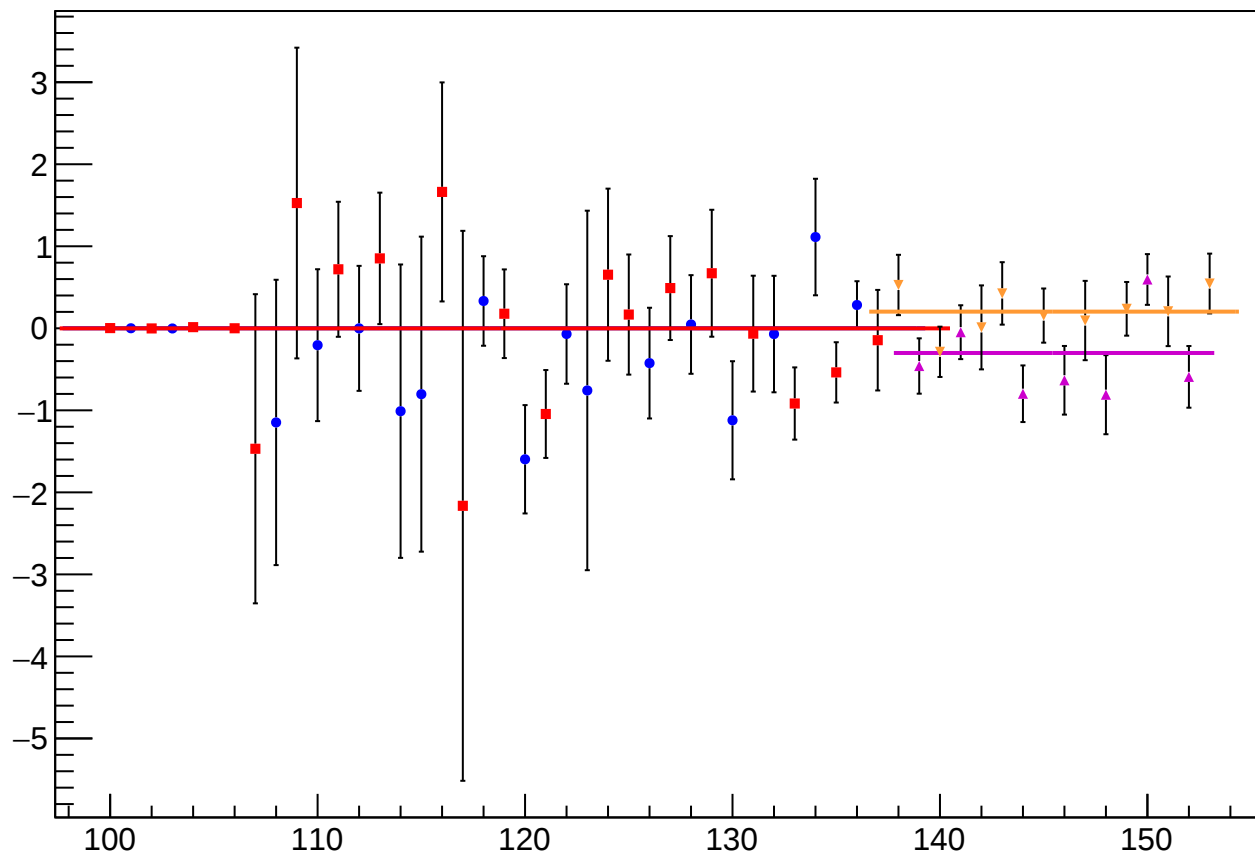
Left In: 4268.193 $\pm$ 1.277 χ^2 /NDF: 181051.2/6

18.008 $\pm$ 0.015 χ^2 /NDF: 23433228.5/25

17.889 $\pm$ 0.010 χ^2 /NDF: 45607627.4/52

17.781 $\pm$ 0.014 χ^2 /NDF: 22174273.4/26

diff_cav4dY_mean vs Slug, Sign Corrected



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

Left Out: 0.203 $\pm$ 0.124 χ^2/NDF : 4.8/8

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

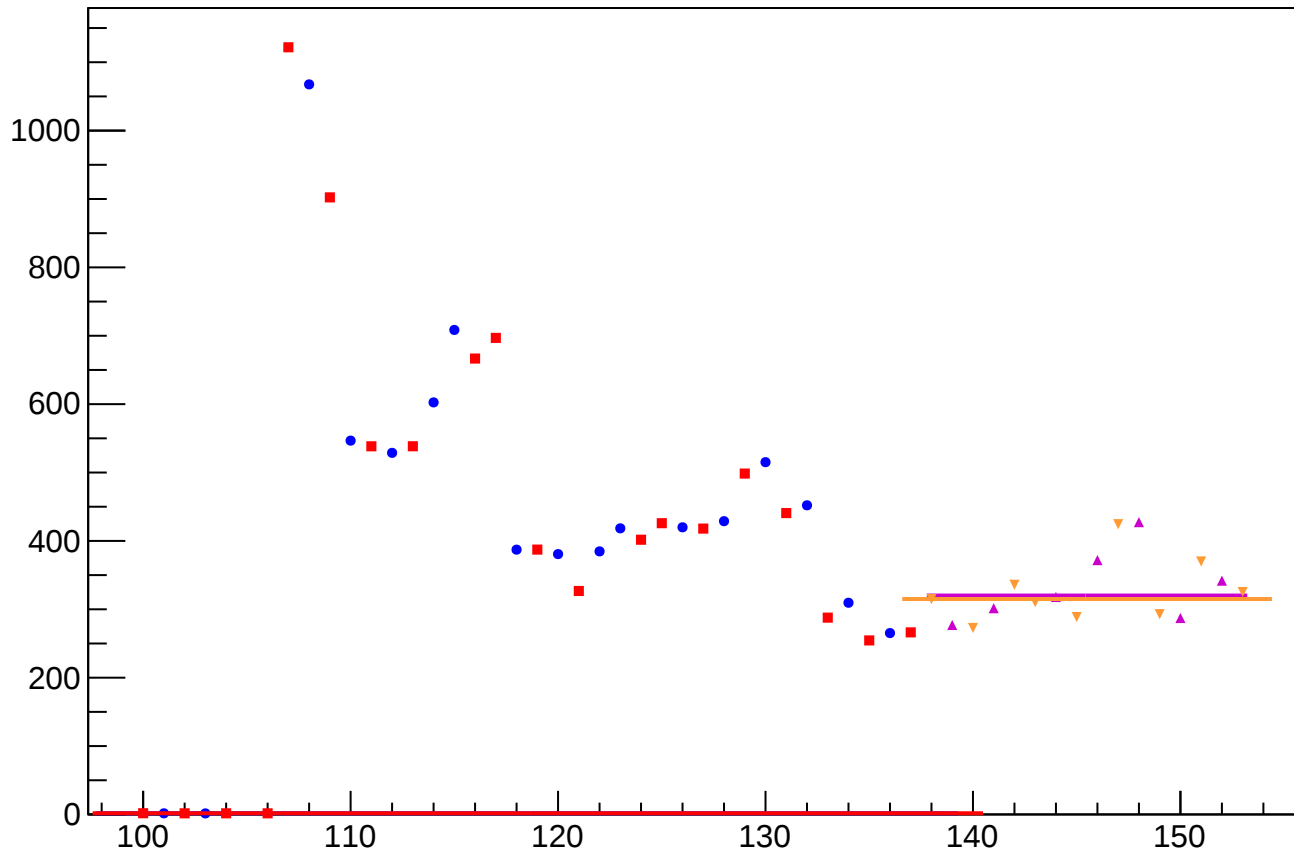
Left In: -0.301 $\pm$ 0.136 χ^2/NDF : 13.6/6

0.000 $\pm$ 0.002 χ^2/NDF : 21.2/25

-0.000 $\pm$ 0.001 χ^2/NDF : 58.2/52

-0.001 $\pm$ 0.002 χ^2/NDF : 36.8/26

diff_cav4dY_rms vs Slug, Sign Corrected



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

Left Out: 315.027 ± 0.088 χ^2/NDF : 201065.3/8

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

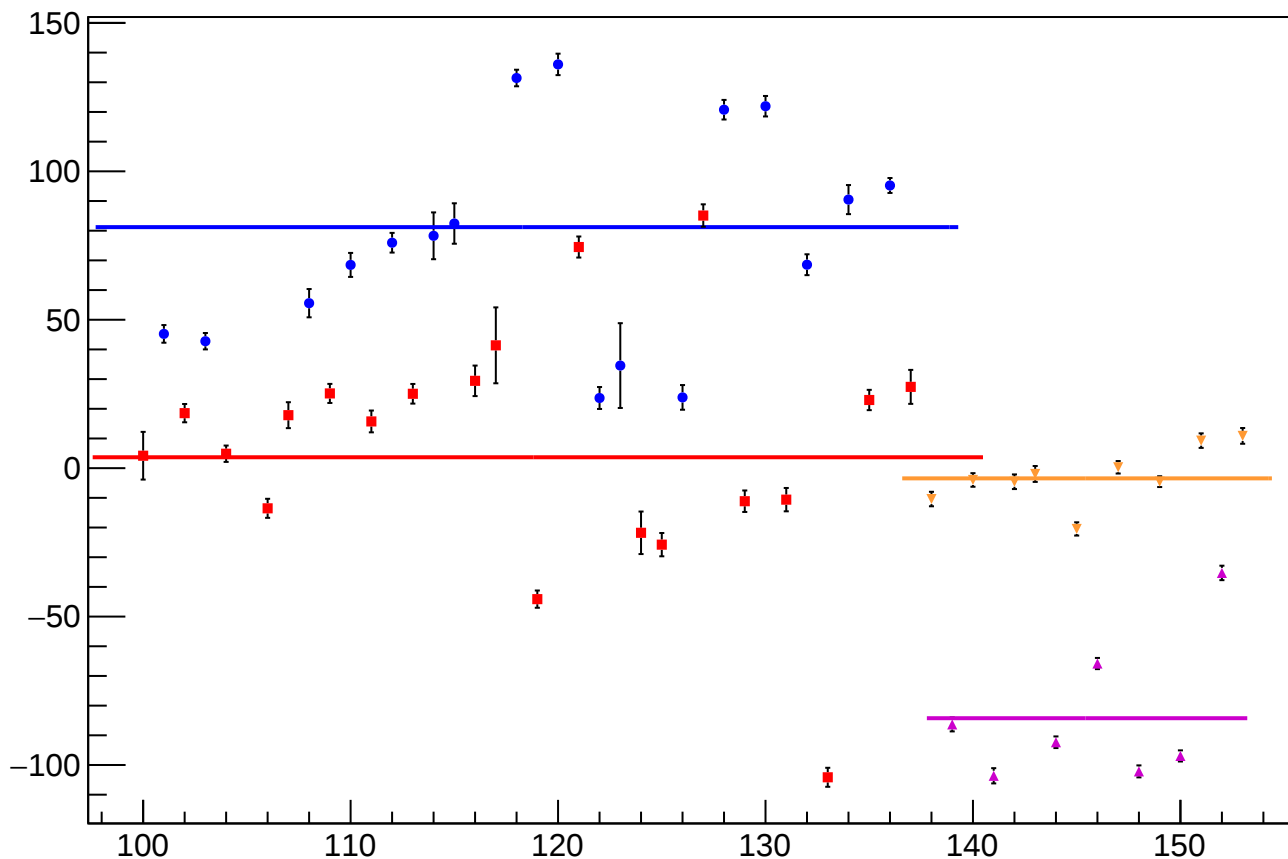
Left In: 320.118 ± 0.096 χ^2/NDF : 198177.2/6

1.782 ± 0.001 χ^2/NDF : 23936202.7/25

1.788 ± 0.001 χ^2/NDF : 45911575.7/52

1.793 ± 0.001 χ^2/NDF : 21975341.7/26

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

Left Out: -3.439+/-0.767 χ^2/NDF : 126.3/8

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

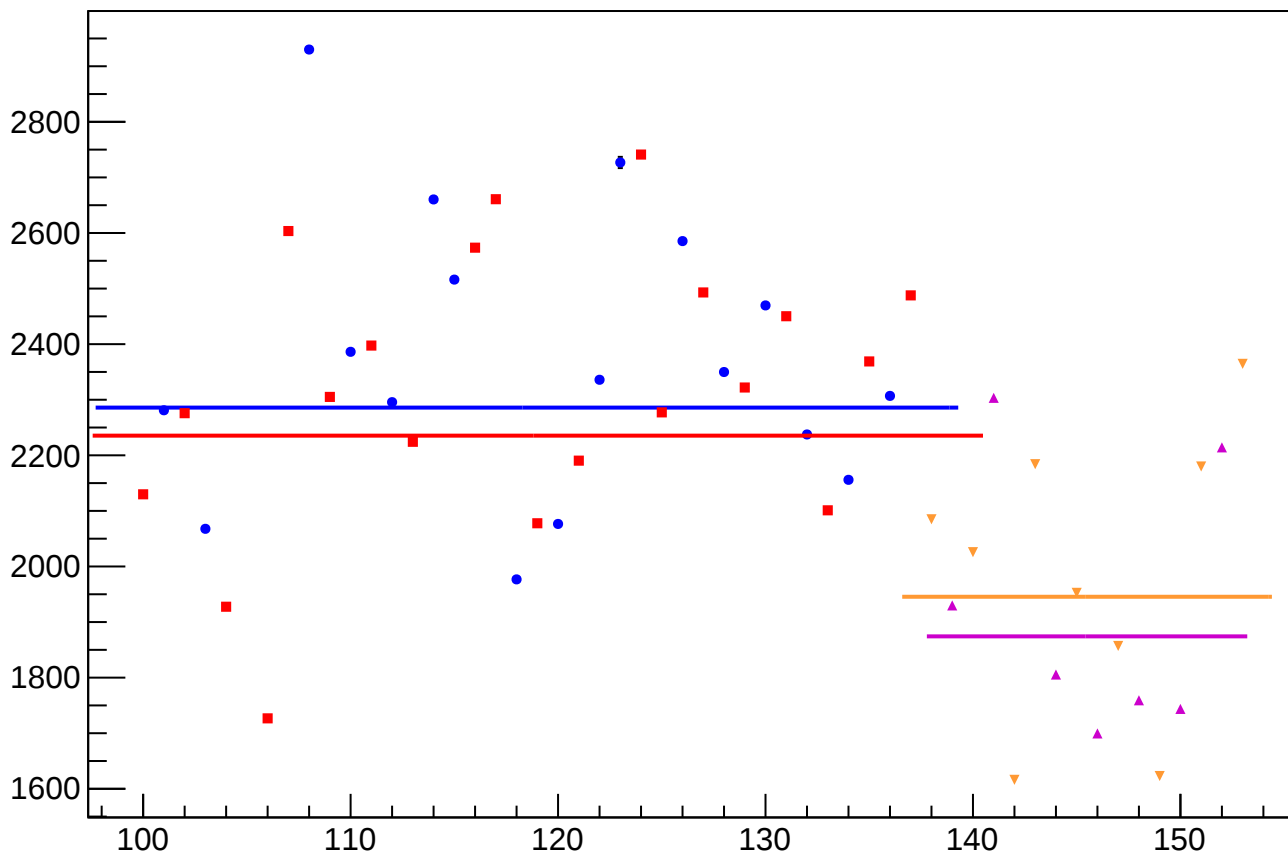
Left In: -84.238+/-0.798 χ^2/NDF : 697.9/6

32.845+/-0.580 χ^2/NDF : 7053.6/25

-4.930+/-0.410 χ^2/NDF : 24581.2/52

-42.565+/-0.579 χ^2/NDF : 9056.8/26

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

Left Out: 1945.514 ± 0.542 χ^2/NDF : 195203.4/8

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

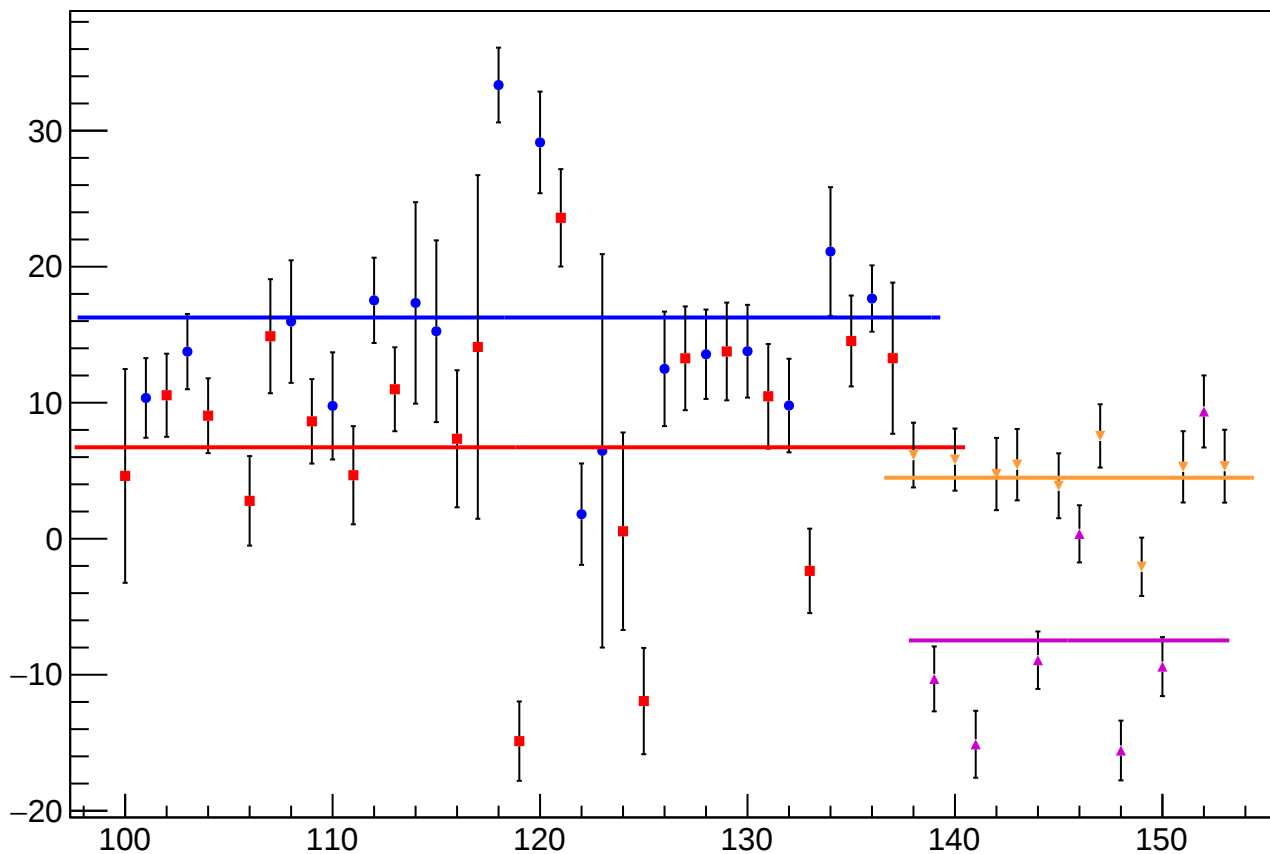
Left In: 1874.253 ± 0.564 χ^2/NDF : 131629.2/6

2091.413 ± 0.410 χ^2/NDF : 473261.8/25

2068.389 ± 0.290 χ^2/NDF : 954371.1/52

2045.449 ± 0.409 χ^2/NDF : 474815.3/26

diff_bpm0i01Y_mean vs Slug, Sign Corrected



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

Left Out: 4.486 $\pm$ 0.812 χ^2/NDF : 12.3/8

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

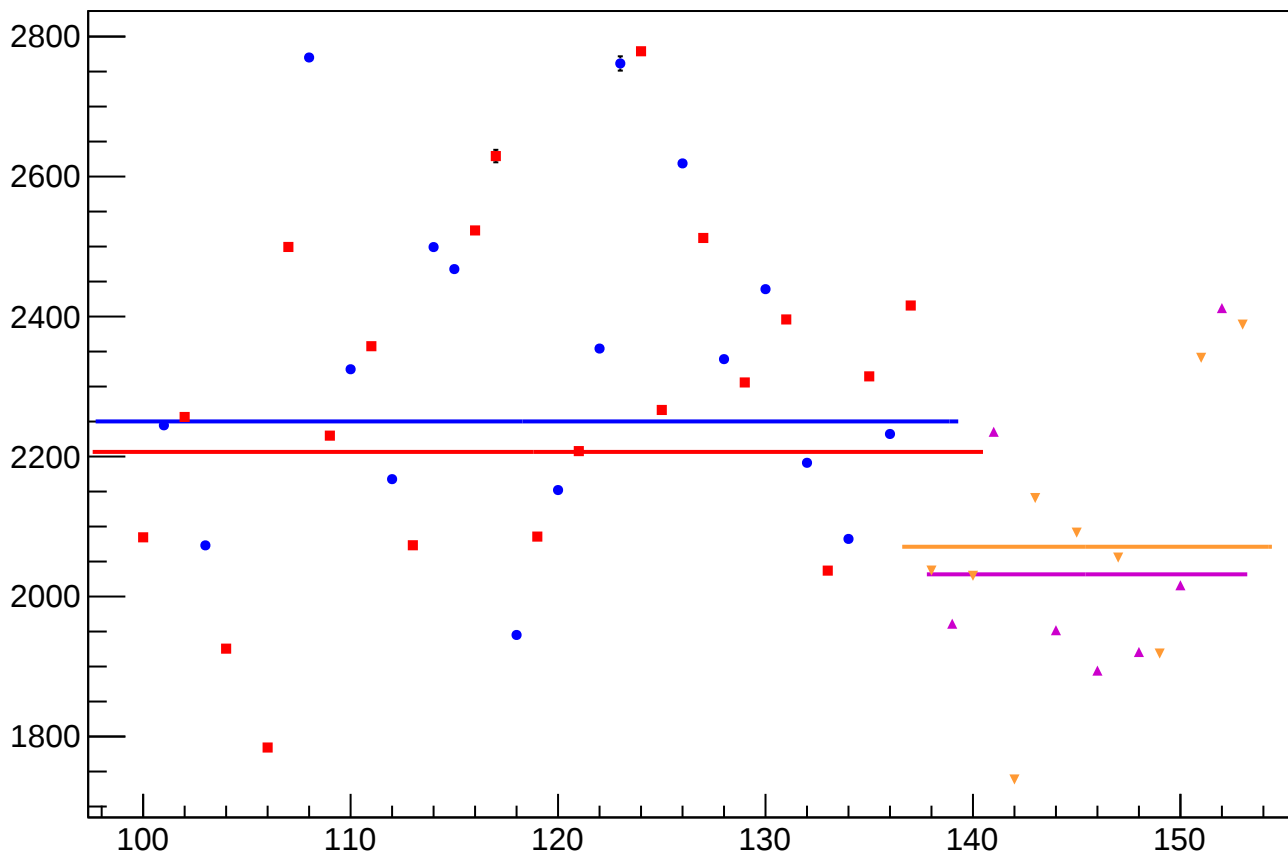
Left In: -7.477 $\pm$ 0.859 χ^2/NDF : 80.1/6

9.957 $\pm$ 0.594 χ^2/NDF : 191.0/25

4.941 $\pm$ 0.421 χ^2/NDF : 690.0/52

-0.121 $\pm$ 0.597 χ^2/NDF : 355.8/26

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

Left Out: 2071.121 ± 0.574 χ^2/NDF : 93459.9/8

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

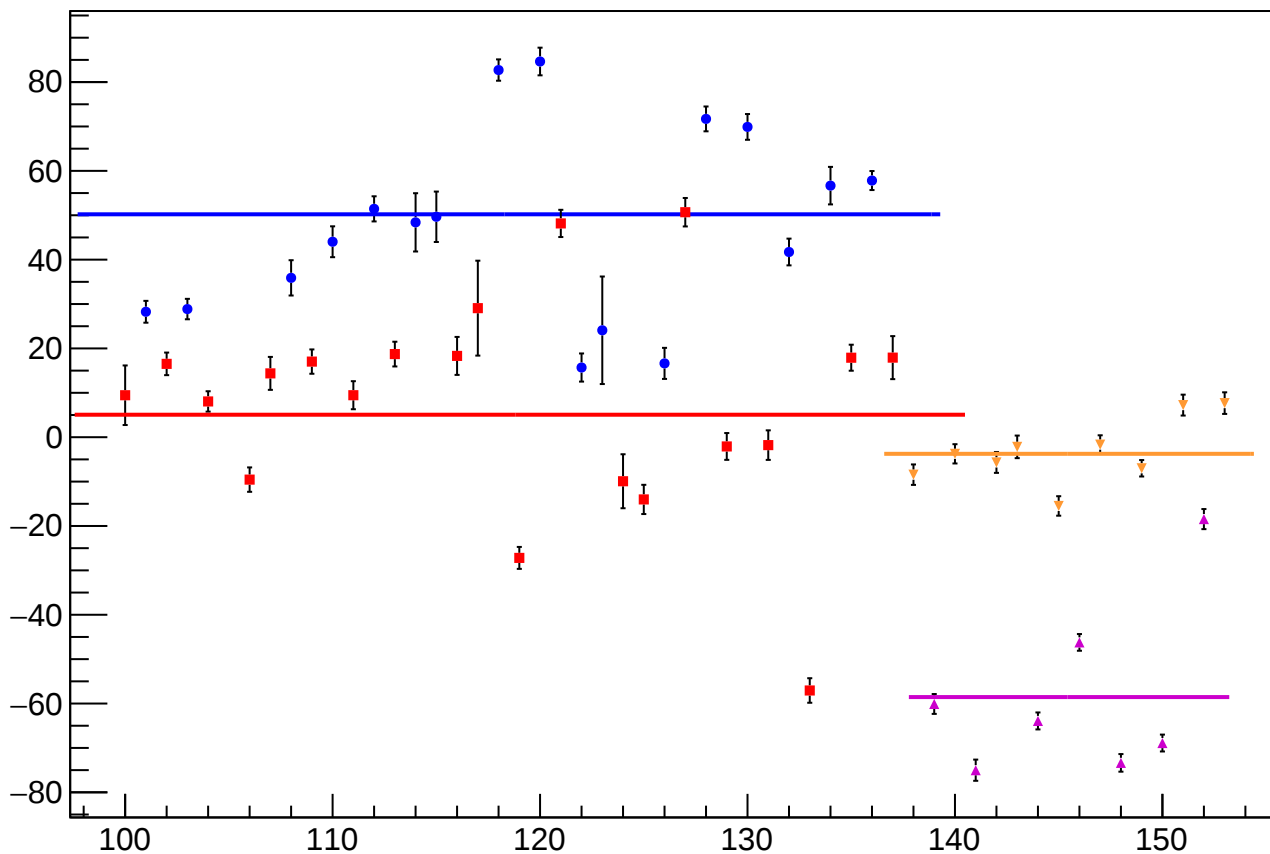
Left In: 2031.715 ± 0.608 χ^2/NDF : 73255.5/6

2154.289 ± 0.420 χ^2/NDF : 236247.0/25

2138.379 ± 0.298 χ^2/NDF : 483770.6/52

2122.325 ± 0.422 χ^2/NDF : 244640.5/26

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left Out: -3.744+/-0.743 χ^2/NDF : 81.6/8

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

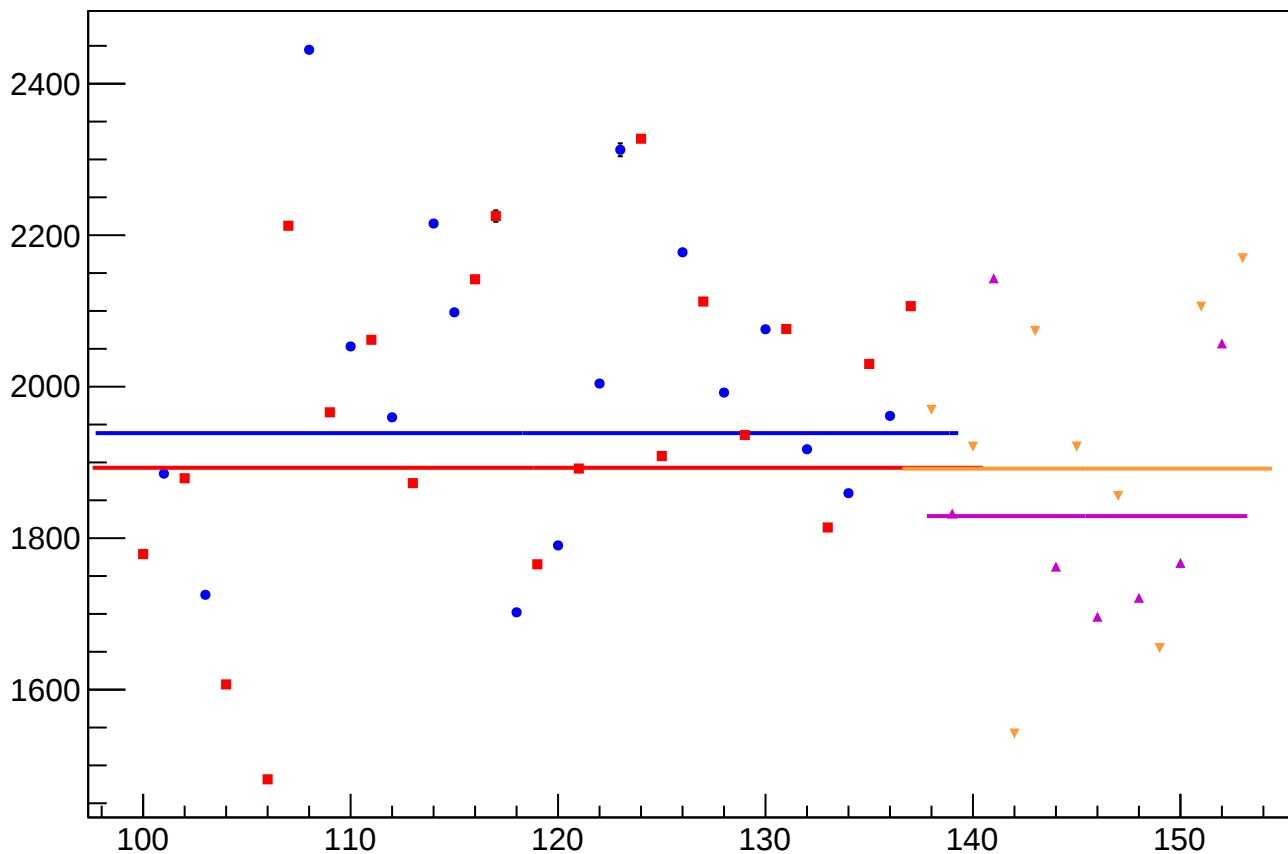
Left In: -58.543+/-0.777 χ^2/NDF : 498.1/6

22.965+/-0.528 χ^2/NDF : 3520.6/25

-0.654+/-0.372 χ^2/NDF : 12903.9/52

-23.968+/-0.525 χ^2/NDF : 5410.4/26

diff_bpm0i01aX_rms vs Slug, Sign Corrected



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

Left Out: 1891.774 +/- 0.526 χ^2/NDF : 133228.4/8

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

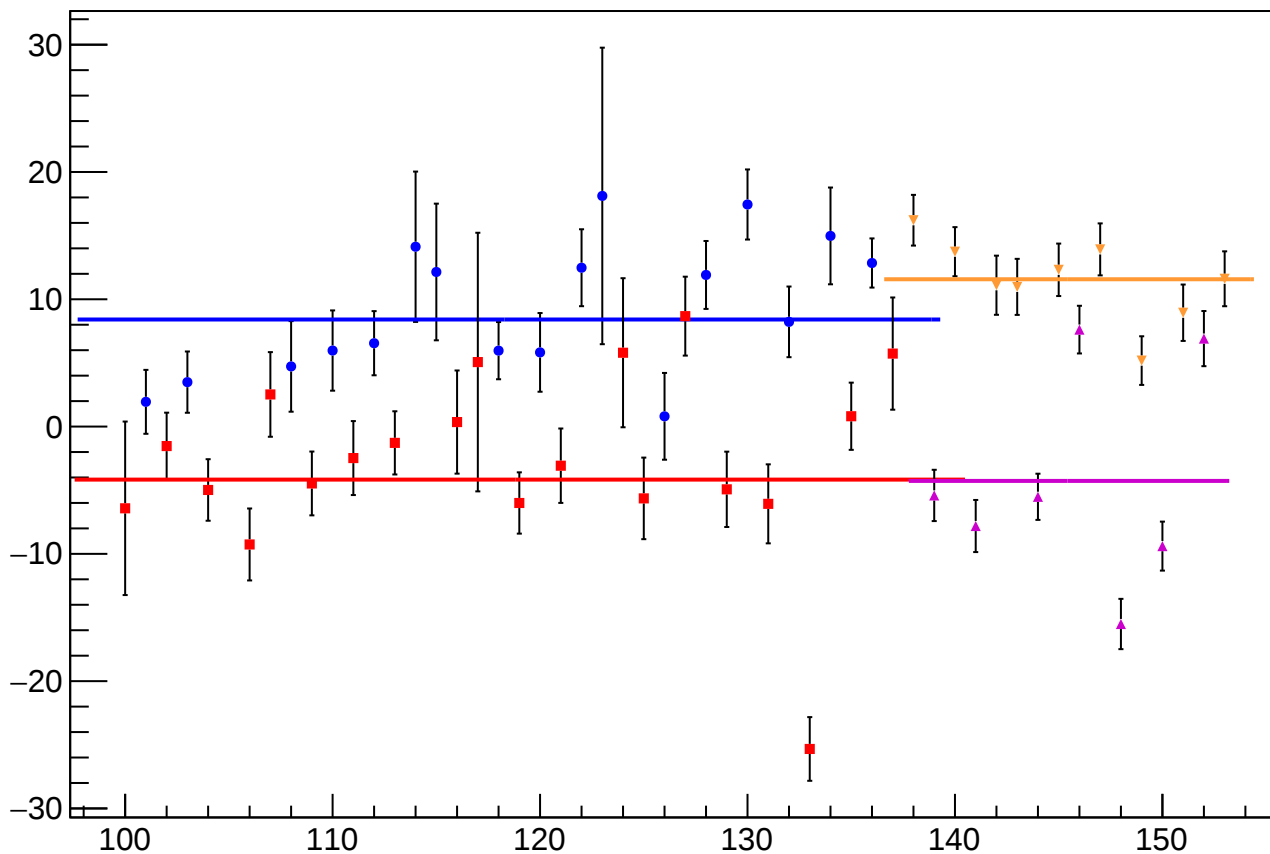
Left In: 1829.137 +/- 0.549 χ^2/NDF : 75291.1/6

1914.995 +/- 0.374 χ^2/NDF : 237315.4/25

1889.243 +/- 0.263 χ^2/NDF : 477952.1/52

1863.821 +/- 0.371 χ^2/NDF : 231189.8/26

diff_bpm0i01aY_mean vs Slug, Sign Corrected



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

Left Out: 11.573+/-0.693 χ^2/NDF : 20.8/8

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

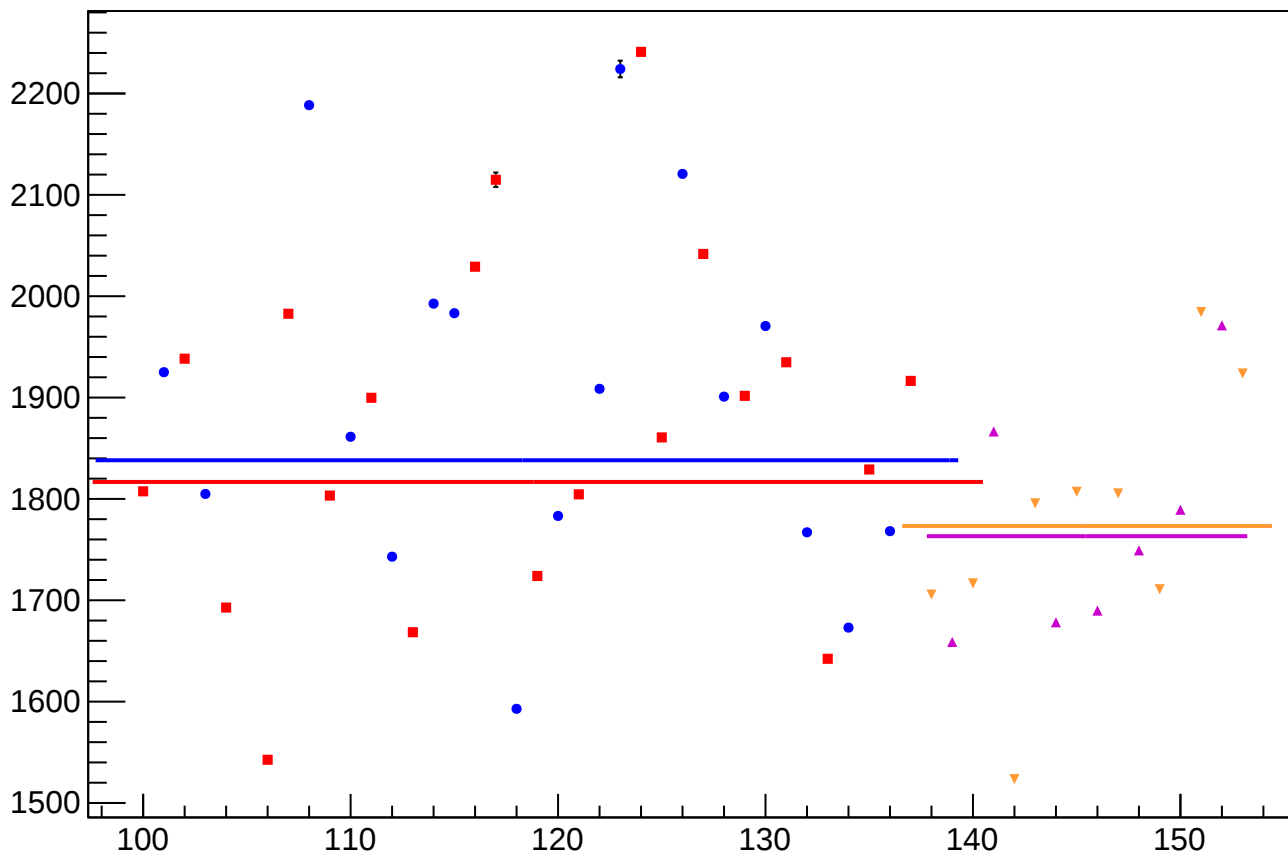
Left In: -4.269+/-0.743 χ^2/NDF : 110.2/6

10.032+/-0.496 χ^2/NDF : 75.6/25

2.986+/-0.353 χ^2/NDF : 706.9/52

-4.214+/-0.502 χ^2/NDF : 224.1/26

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

Left Out: 1773.298 $\pm$ 0.490 χ^2 /NDF: 58397.5/8

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

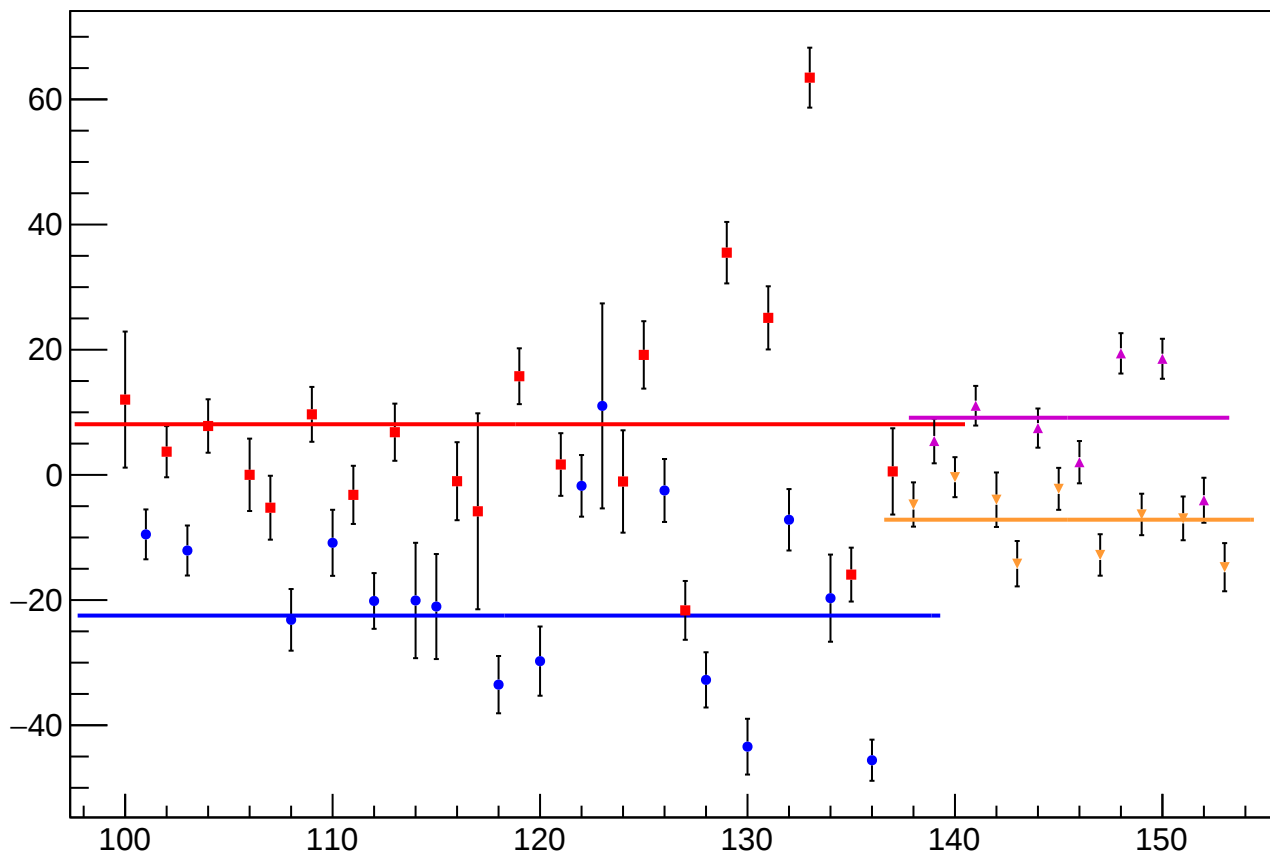
Left In: 1763.216 $\pm$ 0.525 χ^2 /NDF: 36824.7/6

1804.894 $\pm$ 0.351 χ^2 /NDF: 149801.0/25

1798.665 $\pm$ 0.250 χ^2 /NDF: 282058.0/52

1792.301 $\pm$ 0.355 χ^2 /NDF: 131620.6/26

diff_bpm0l01X_mean vs Slug, Sign Corrected



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

Left Out: -7.159 $\pm$ 1.173 χ^2 /NDF: 18.3/8

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

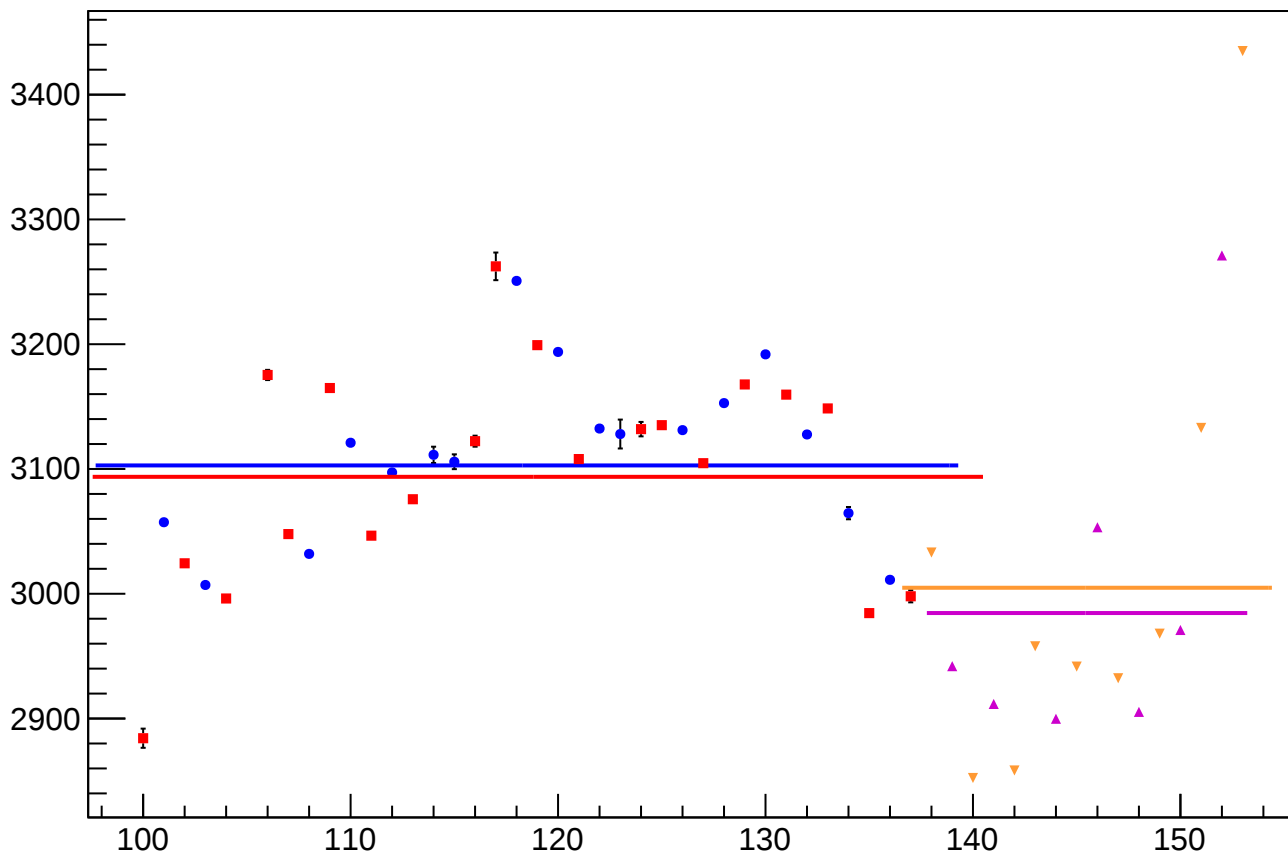
Left In: 9.133 $\pm$ 1.251 χ^2 /NDF: 38.5/6

-14.676 $\pm$ 0.837 χ^2 /NDF: 256.7/25

-3.203 $\pm$ 0.596 χ^2 /NDF: 954.1/52

8.571 $\pm$ 0.848 χ^2 /NDF: 316.5/26

diff_bpm0l01X_rms vs Slug, Sign Corrected



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

Left Out: 3004.818 $\pm$ 0.829 χ^2 /NDF: 36873.7/8

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

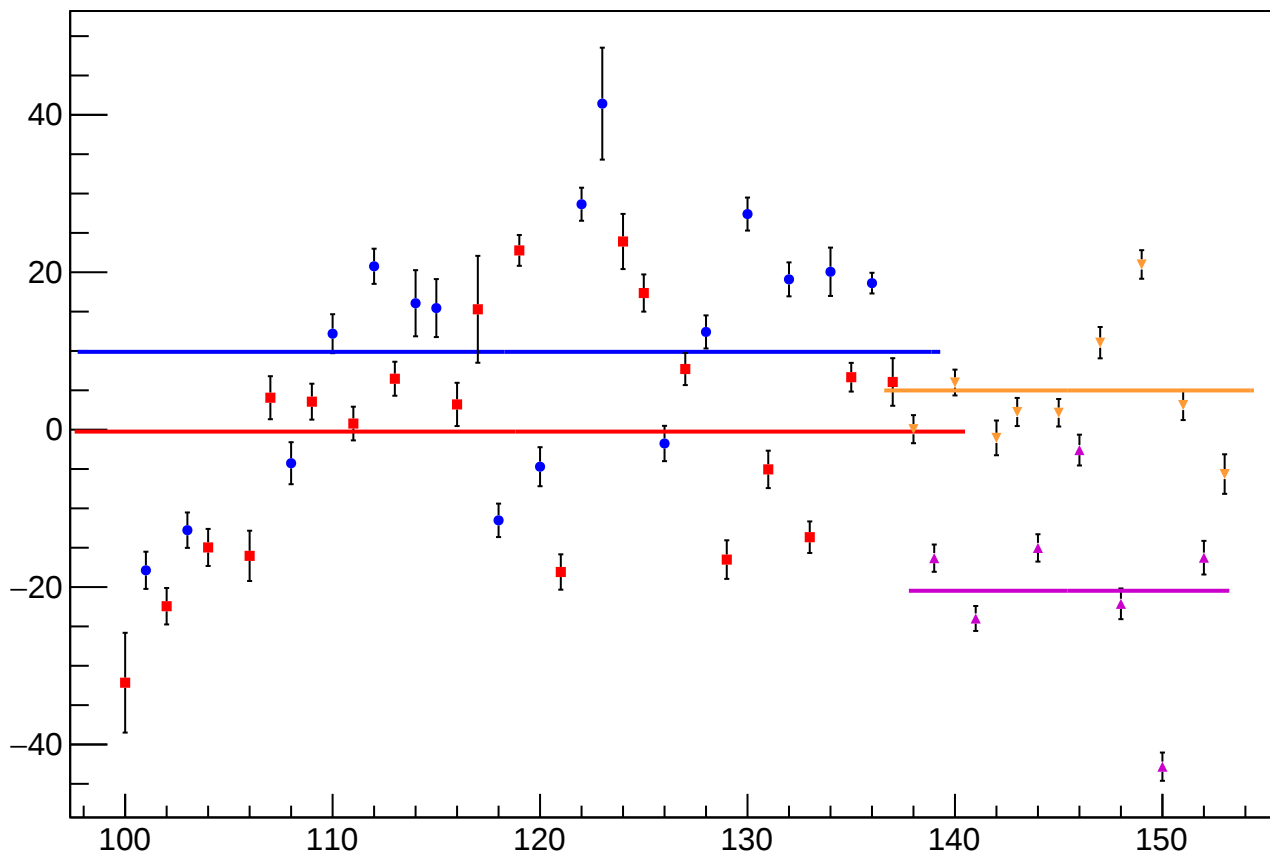
Left In: 2984.552 $\pm$ 0.884 χ^2 /NDF: 17591.6/6

3052.918 $\pm$ 0.592 χ^2 /NDF: 51076.4/25

3048.289 $\pm$ 0.421 χ^2 /NDF: 85023.8/52

3043.539 $\pm$ 0.600 χ^2 /NDF: 33823.4/26

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

Left Out: 4.982 $\pm$ 0.630 χ^2/NDF : 126.2/8

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

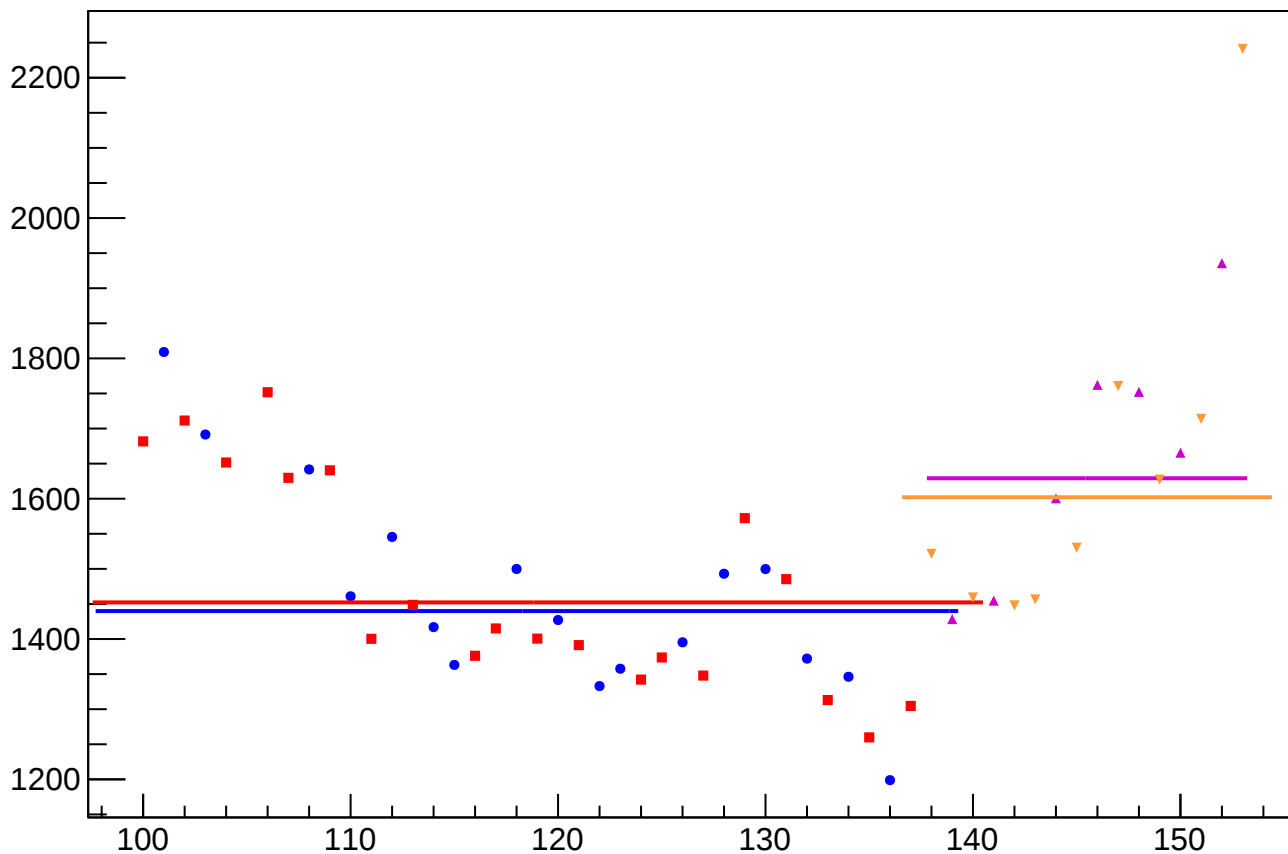
Left In: -20.470 $\pm$ 0.687 χ^2/NDF : 263.5/6

7.725 $\pm$ 0.418 χ^2/NDF : 863.7/25

-0.001 $\pm$ 0.299 χ^2/NDF : 2989.3/52

-8.054 $\pm$ 0.427 χ^2/NDF : 1429.1/26

diff_bpm0l01Y_rms vs Slug, Sign Corrected



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

Left Out: 1602.050 ± 0.445 χ^2/NDF : 194855.6/8

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

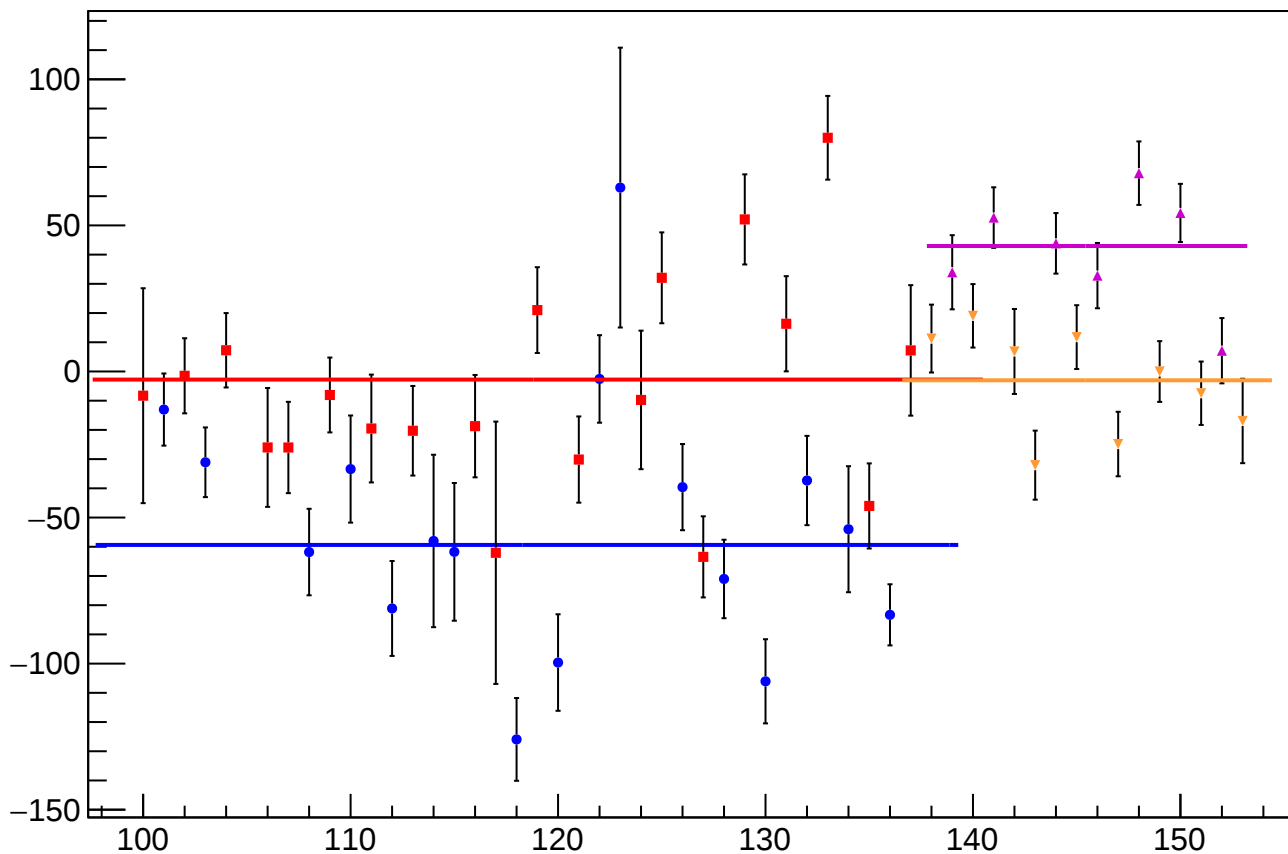
Left In: 1629.143 ± 0.486 χ^2/NDF : 110882.1/6

1511.352 ± 0.296 χ^2/NDF : 441816.4/25

1515.843 ± 0.211 χ^2/NDF : 773099.5/52

1520.524 ± 0.302 χ^2/NDF : 330812.3/26

diff_bpm0l02X_mean vs Slug, Sign Corrected



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

Left Out: -3.019 ± 3.866 χ^2/NDF : 19.1/8

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

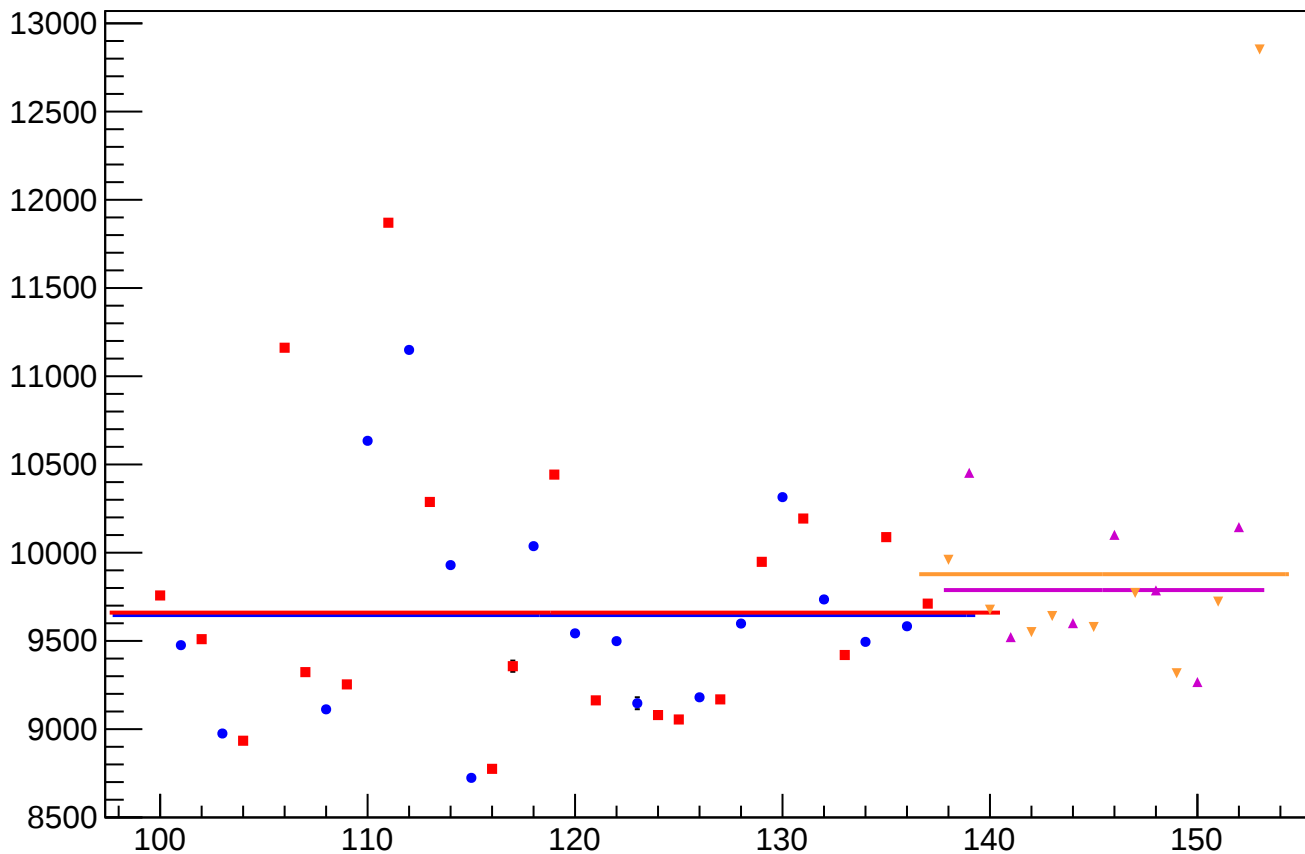
Left In: 42.950 ± 4.103 χ^2/NDF : 19.1/6

-32.216 ± 2.684 χ^2/NDF : 222.0/25

-7.768 ± 1.908 χ^2/NDF : 574.5/52

17.224 ± 2.714 χ^2/NDF : 184.6/26

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

Left Out: 9878.190 $\pm$ 2.734 χ^2 /NDF: 95267.1/8

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

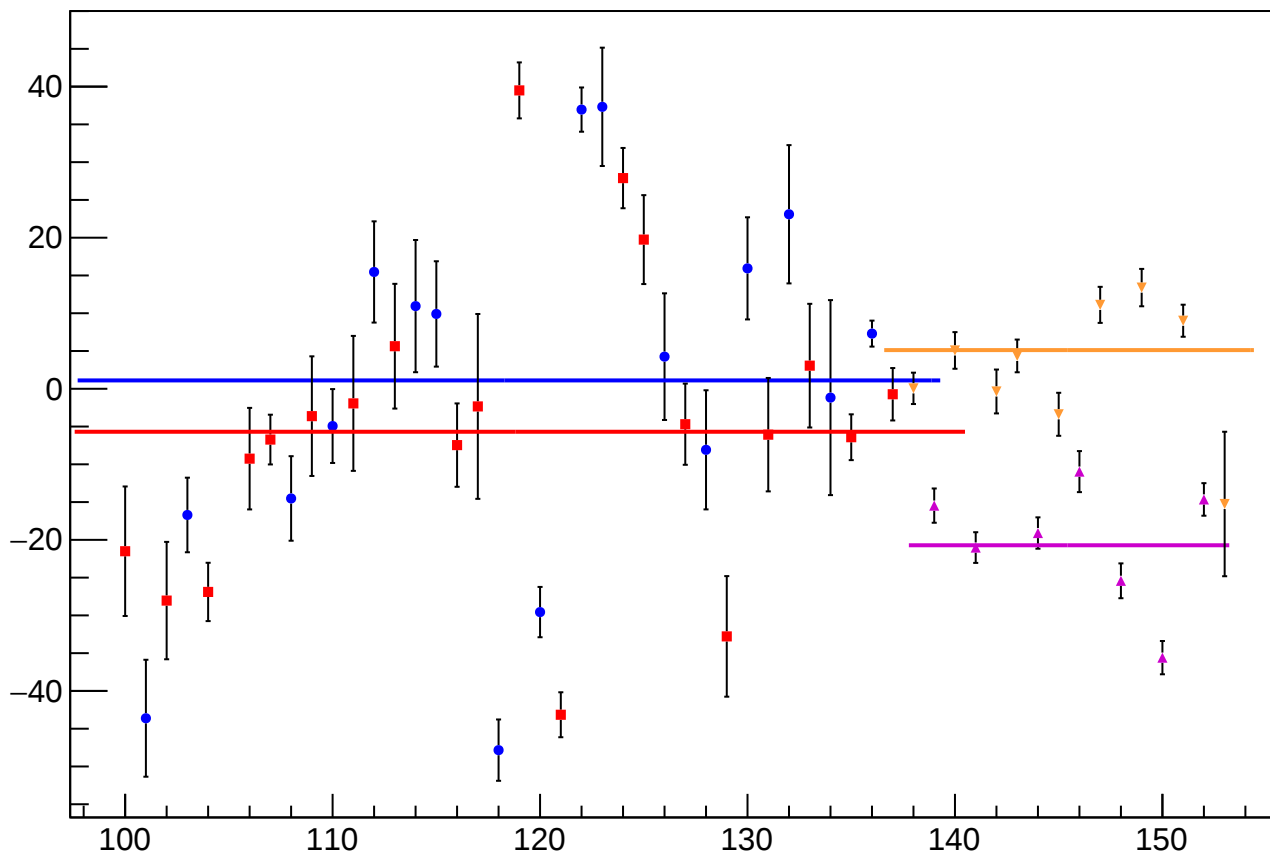
Left In: 9788.209 $\pm$ 2.901 χ^2 /NDF: 16540.3/6

9758.143 $\pm$ 1.898 χ^2 /NDF: 143049.1/25

9737.448 $\pm$ 1.349 χ^2 /NDF: 238597.9/52

9716.291 $\pm$ 1.919 χ^2 /NDF: 95308.4/26

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 1.106 $\pm$ 1.066 χ^2/NDF : 489.7/16

Left Out: 5.120 $\pm$ 0.837 χ^2/NDF : 43.9/8

Right Out: -5.689 $\pm$ 1.087 χ^2/NDF : 456.0/19

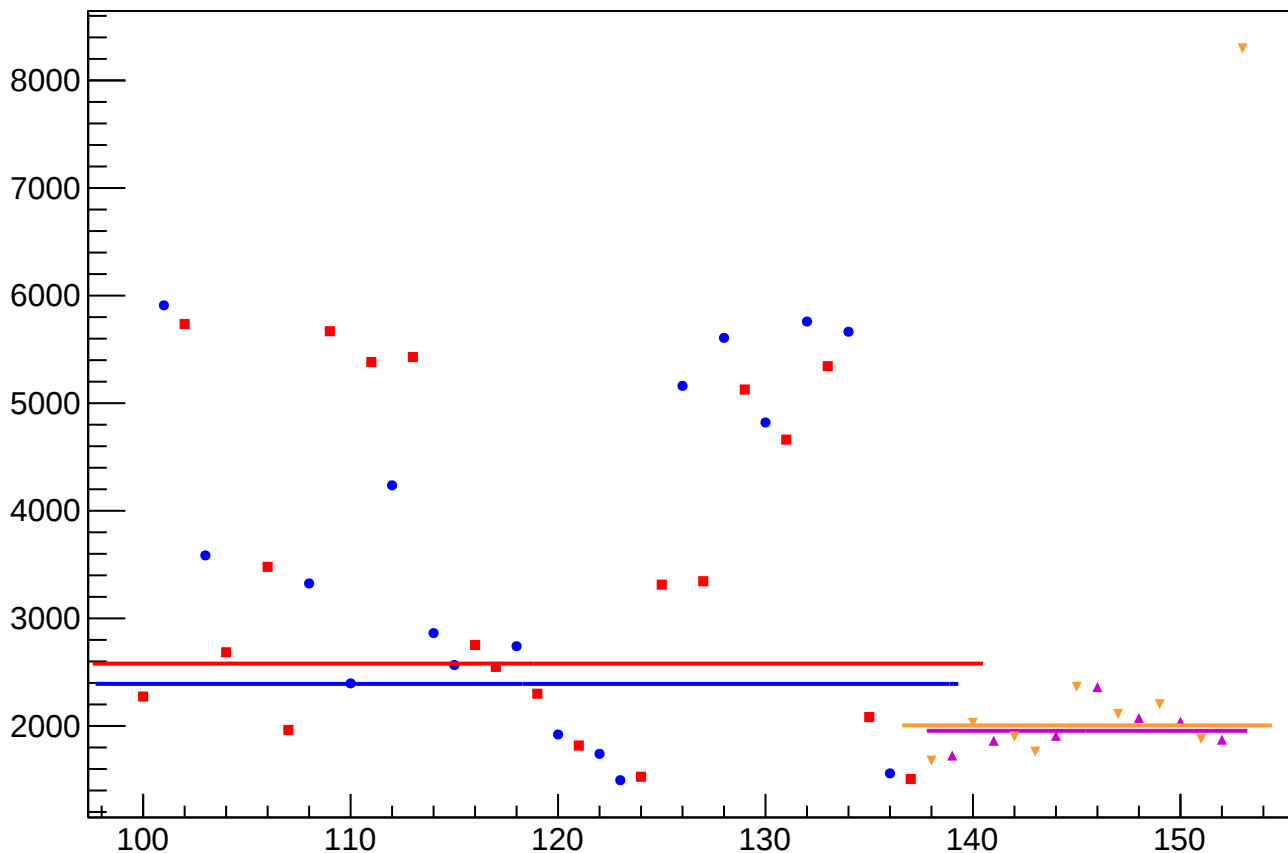
Left In: -20.716 $\pm$ 0.841 χ^2/NDF : 76.6/6

3.591 $\pm$ 0.658 χ^2/NDF : 542.4/25

-5.651 $\pm$ 0.468 χ^2/NDF : 1593.0/52

-15.088 $\pm$ 0.665 χ^2/NDF : 652.2/26

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

Left Out: 2005.320 $\pm$ 0.592 χ^2 /NDF: 998936.7/8

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

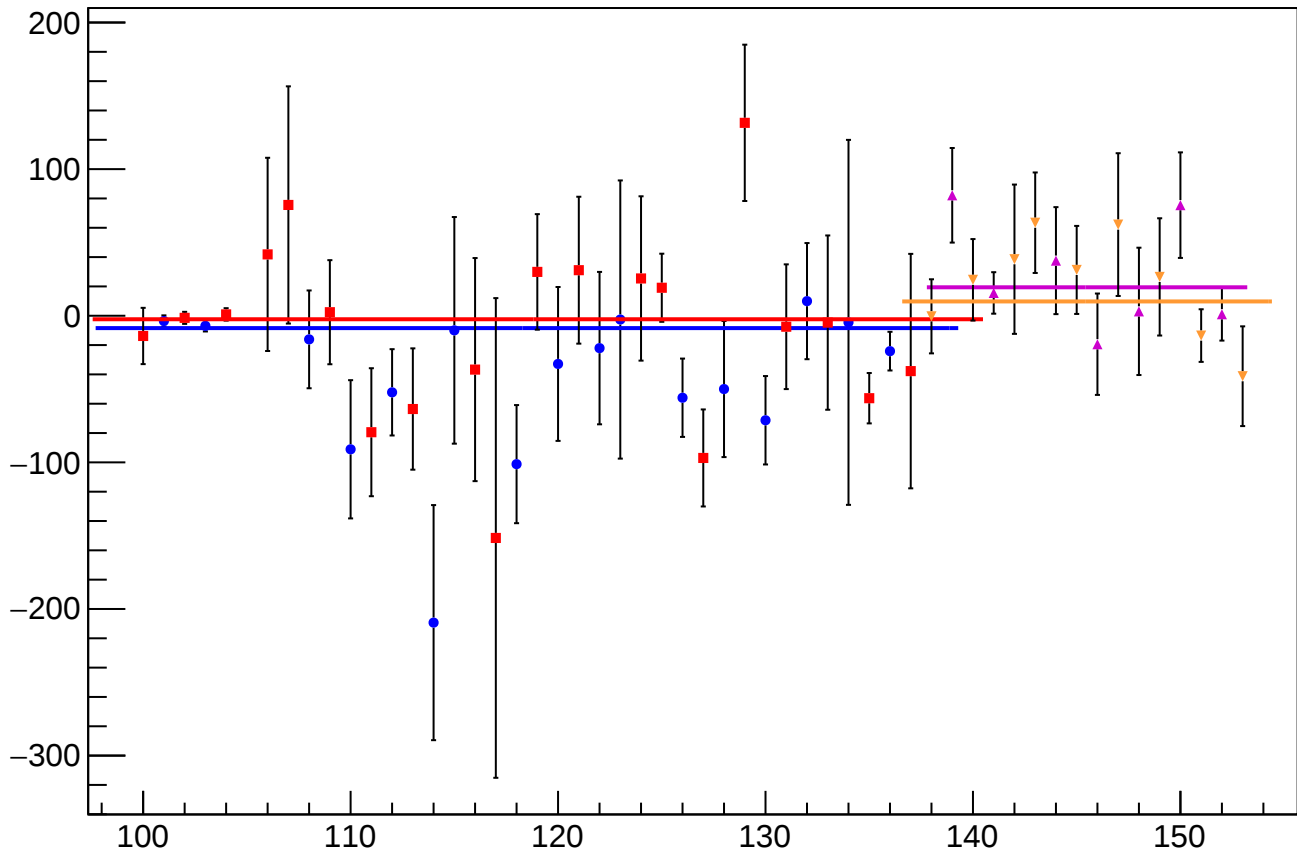
Left In: 1954.858 $\pm$ 0.595 χ^2 /NDF: 81715.3/6

2152.299 $\pm$ 0.465 χ^2 /NDF: 3761552.3/25

2170.422 $\pm$ 0.331 χ^2 /NDF: 6625228.2/52

2188.928 $\pm$ 0.470 χ^2 /NDF: 2860611.3/26

diff_bpm0l03X_mean vs Slug, Sign Corrected



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

Left Out: 9.761 ± 9.890 $\chi^2/\text{NDF}: 9.0/8$

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

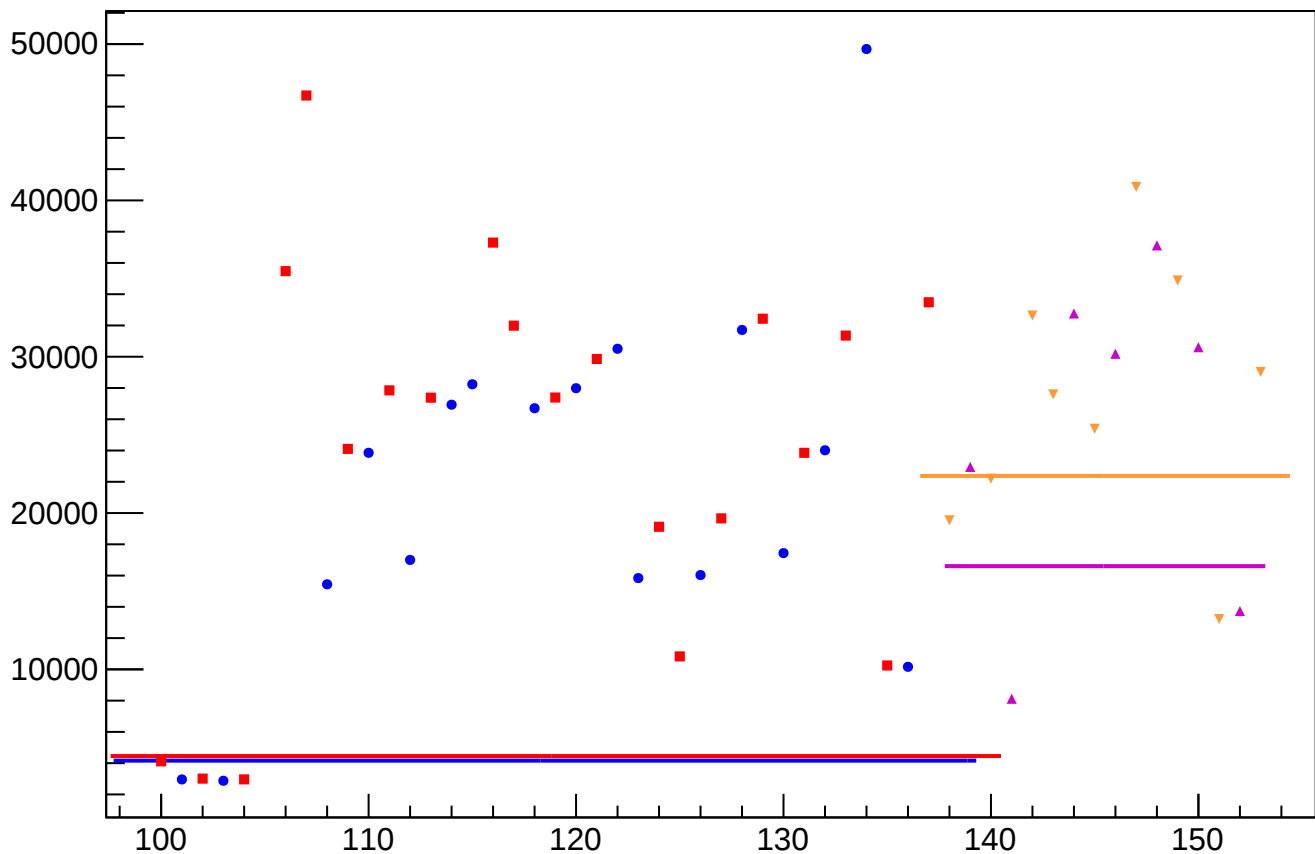
Left In: 19.404 ± 9.152 $\chi^2/\text{NDF}: 9.0/6$

-7.265 ± 2.503 $\chi^2/\text{NDF}: 41.1/25$

-4.115 ± 1.825 $\chi^2/\text{NDF}: 94.1/52$

-0.543 ± 2.666 $\chi^2/\text{NDF}: 49.7/26$

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

Left Out: 22374.163+/-6.993 χ^2/NDF : 1254439.5/8

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

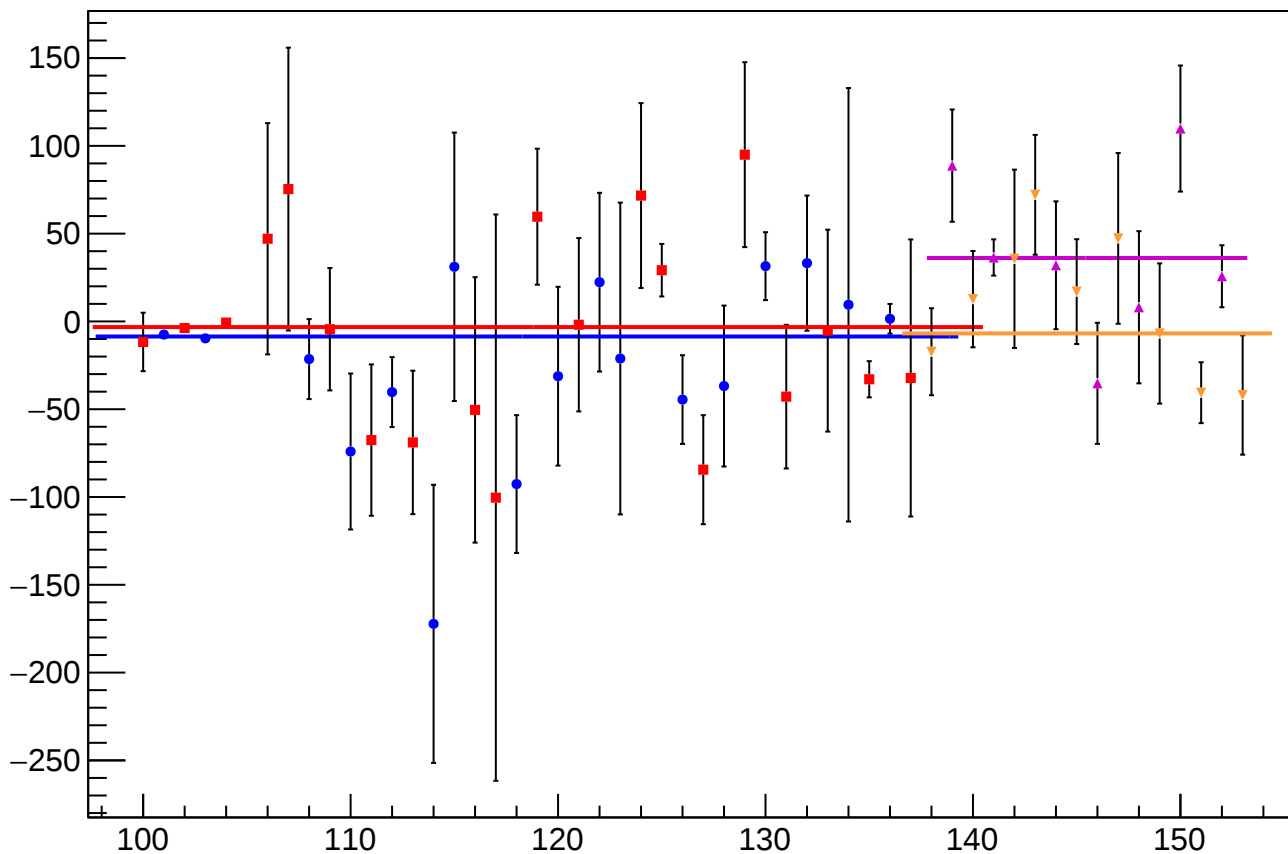
Left In: 16605.574+/-6.472 χ^2/NDF : 2298320.6/6

5329.079+/-1.770 χ^2/NDF : 13592418.4/25

5402.521+/-1.290 χ^2/NDF : 26603959.3/5

5485.806+/-1.885 χ^2/NDF : 13007866.8/26

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.586 $\pm$ 1.778 χ^2/NDF : 24.4/16

Left Out: -6.818 $\pm$ 9.726 χ^2/NDF : 13.5/8

Right Out: -3.208 $\pm$ 1.922 χ^2/NDF : 37.2/19

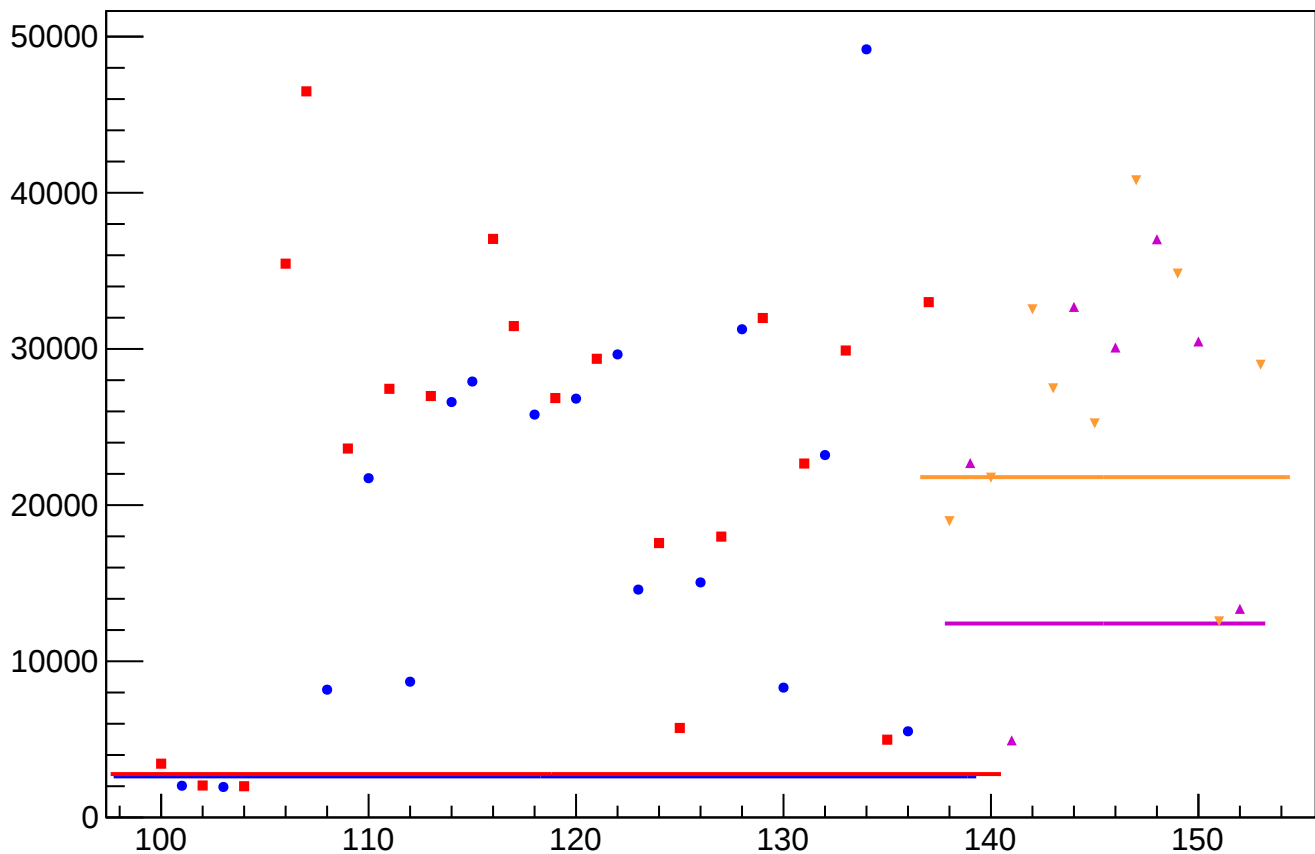
Left In: 36.130 $\pm$ 7.786 χ^2/NDF : 12.0/6

-8.529 $\pm$ 1.749 χ^2/NDF : 37.9/25

-4.984 $\pm$ 1.276 χ^2/NDF : 120.0/52

-0.948 $\pm$ 1.866 χ^2/NDF : 73.3/26

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2630.547 ± 1.257 $\chi^2/\text{NDF}: 5588981.6/16$

Left Out: 21791.396 ± 6.877 $\chi^2/\text{NDF}: 1373483.8/8$

Right Out: 2777.521 ± 1.359 $\chi^2/\text{NDF}: 7899165.0/19$

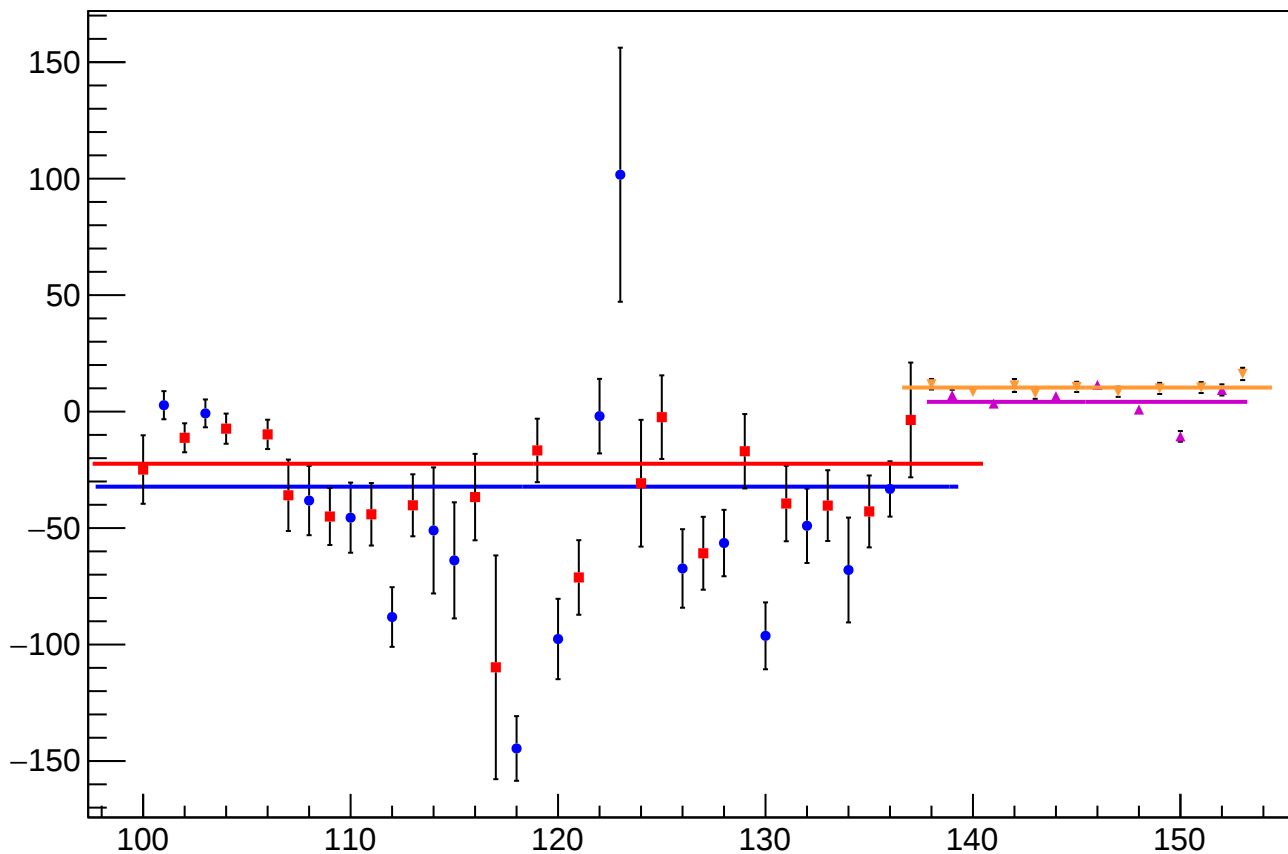
Left In: 12417.843 ± 5.506 $\chi^2/\text{NDF}: 3562409.4/6$

3249.994 ± 1.237 $\chi^2/\text{NDF}: 14473617.2/25$

3287.987 ± 0.902 $\chi^2/\text{NDF}: 28826985.2/5$

3331.247 ± 1.320 $\chi^2/\text{NDF}: 14351349.2/26$

diff_bpm0l04X_mean vs Slug, Sign Corrected



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

Left Out: 10.330 ± 0.783 χ^2/NDF : 7.9/8

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

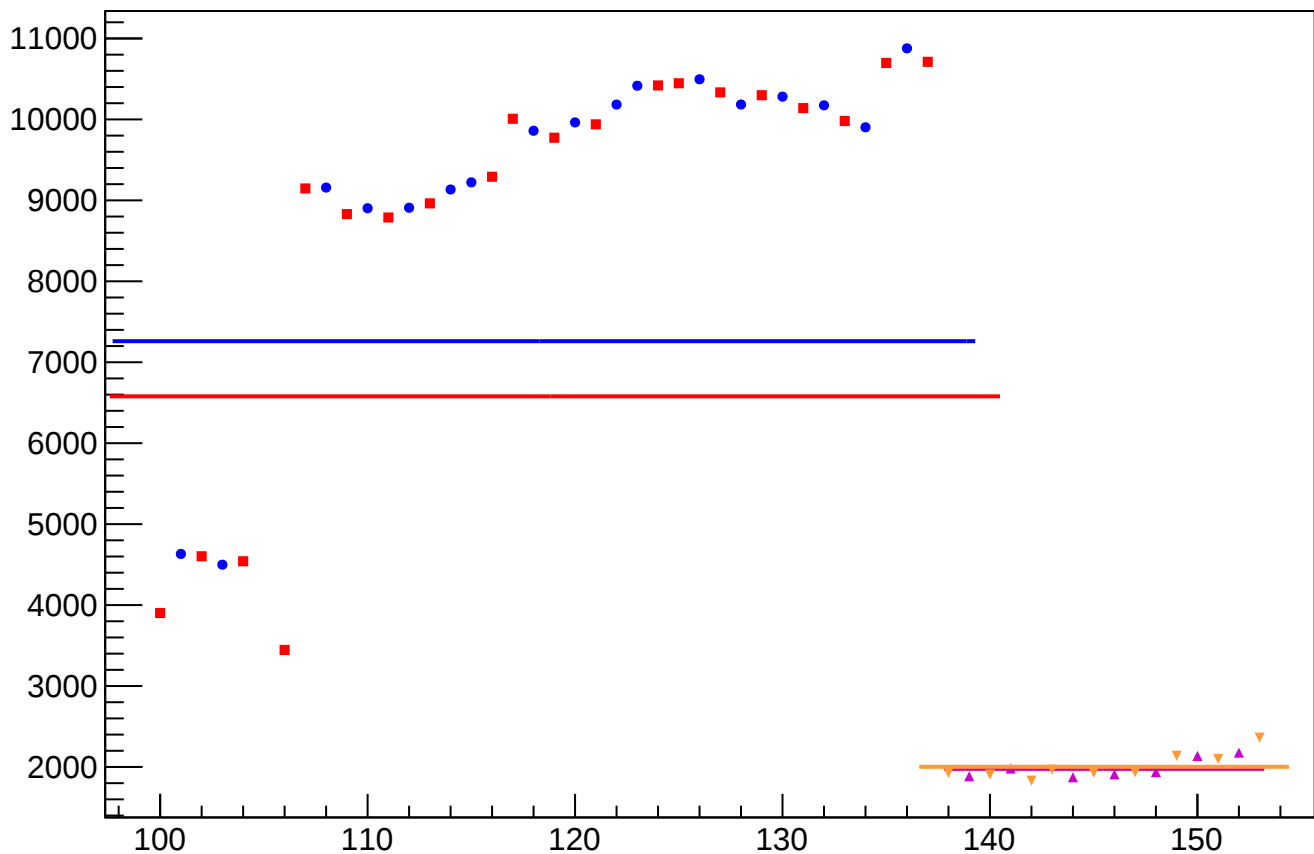
Left In: 4.179 ± 0.829 χ^2/NDF : 63.5/6

7.587 ± 0.757 χ^2/NDF : 402.1/25

4.840 ± 0.547 χ^2/NDF : 630.7/52

1.835 ± 0.792 χ^2/NDF : 201.0/26

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

Left Out: 2002.407+/-0.553 χ^2/NDF : 65174.8/8

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

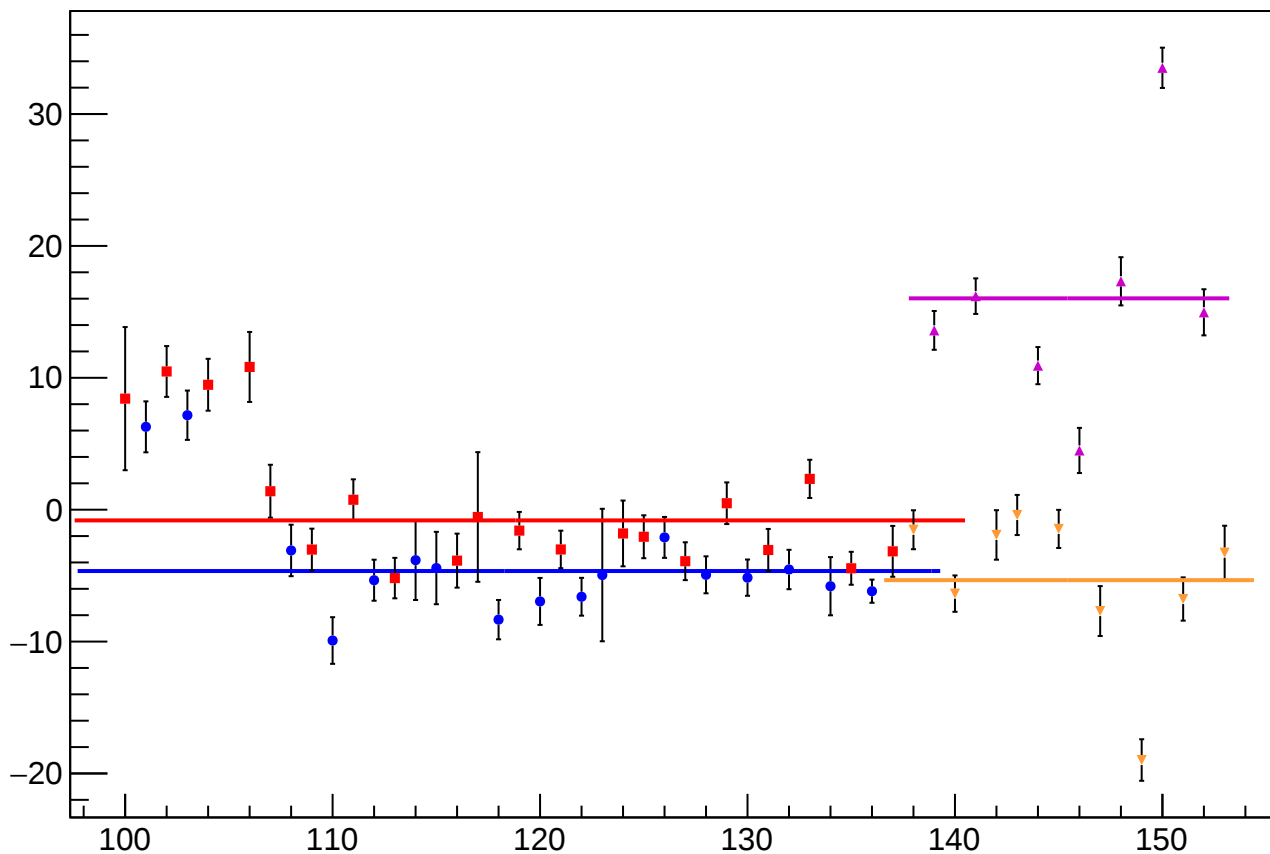
Left In: 1976.356+/-0.586 χ^2/NDF : 34922.2/6

2341.348+/-0.535 χ^2/NDF : 7520393.5/25

2361.055+/-0.387 χ^2/NDF : 15202563.7/5

2382.618+/-0.560 χ^2/NDF : 7679331.6/26

diff_bpm0l04Y_mean vs Slug, Sign Corrected



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

Left Out: -5.342 ± 0.537 χ^2/NDF : 106.6/8

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

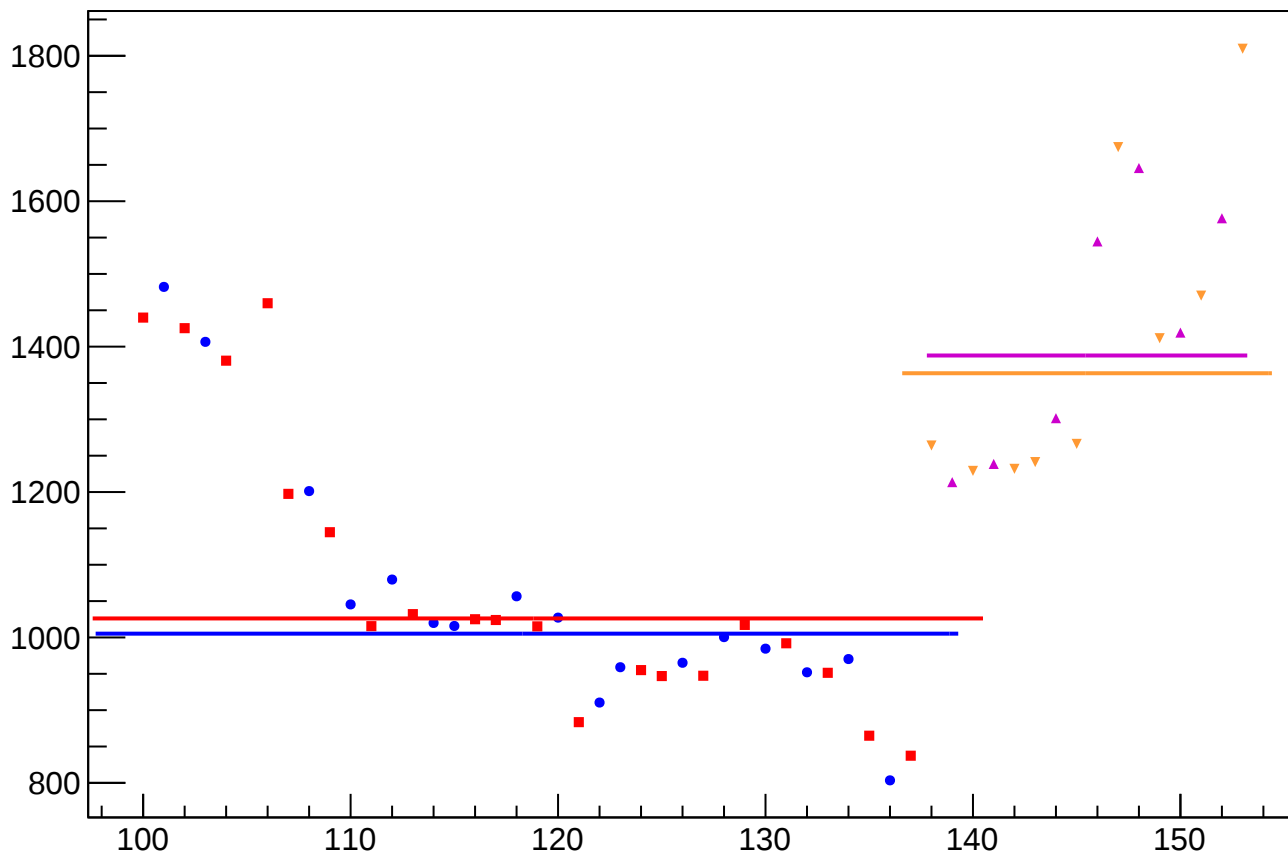
Left In: 16.024 ± 0.586 χ^2/NDF : 193.2/6

-4.892 ± 0.317 χ^2/NDF : 205.3/25

-0.382 ± 0.226 χ^2/NDF : 1510.0/52

4.307 ± 0.323 χ^2/NDF : 891.5/26

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1005.227 $\pm$ 0.278 χ^2 /NDF: 361954.2/16

Left Out: 1363.410 $\pm$ 0.379 χ^2 /NDF: 219618.4/8

Right Out: 1026.145 $\pm$ 0.274 χ^2 /NDF: 333119.4/19

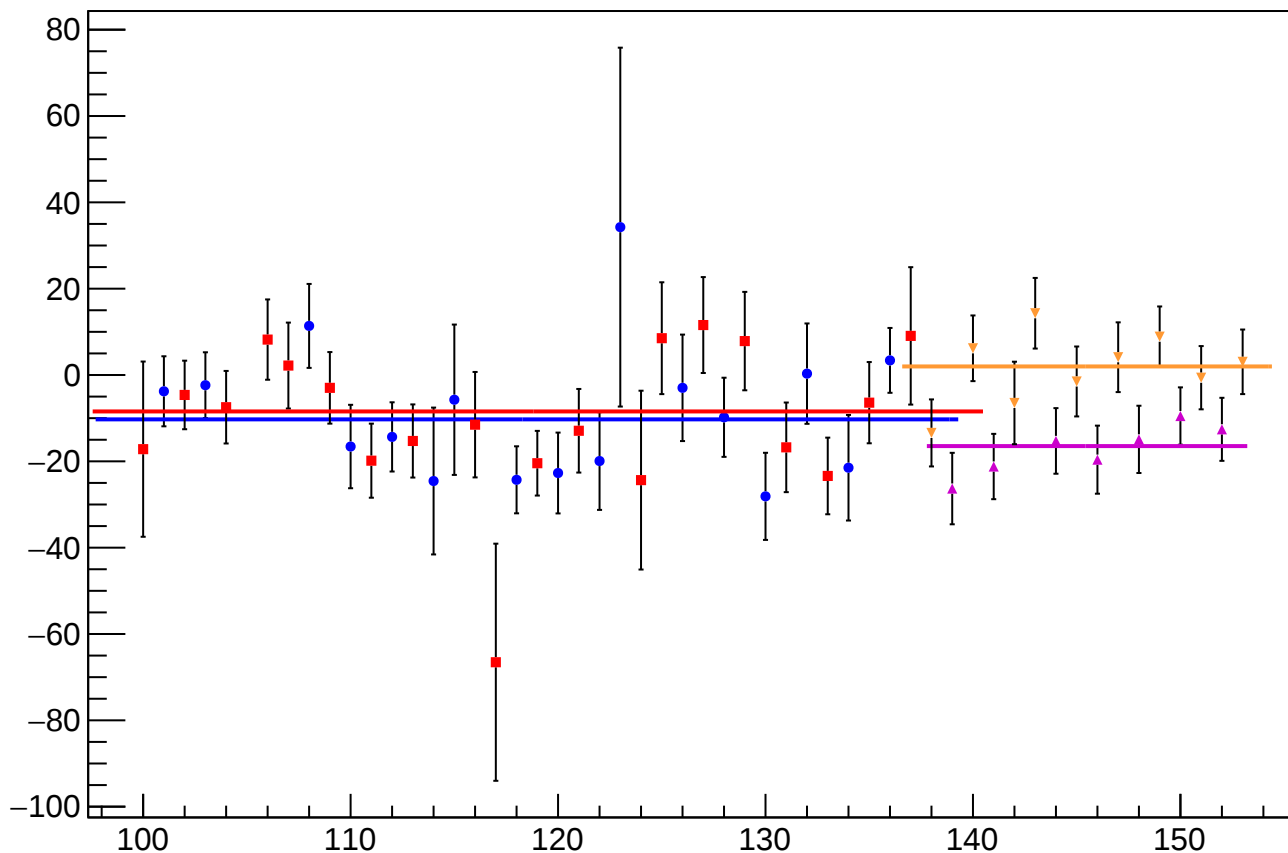
Left In: 1387.804 $\pm$ 0.414 χ^2 /NDF: 140769.5/6

1130.108 $\pm$ 0.224 χ^2 /NDF: 1161898.5/25

1133.053 $\pm$ 0.160 χ^2 /NDF: 2166449.1/52

1136.116 $\pm$ 0.228 χ^2 /NDF: 1004198.1/26

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.277 $\pm$ 2.408 χ^2/NDF : 23.5/16

Left Out: 1.983 $\pm$ 2.606 χ^2/NDF : 8.7/8

Right Out: -8.441 $\pm$ 2.271 χ^2/NDF : 27.3/19

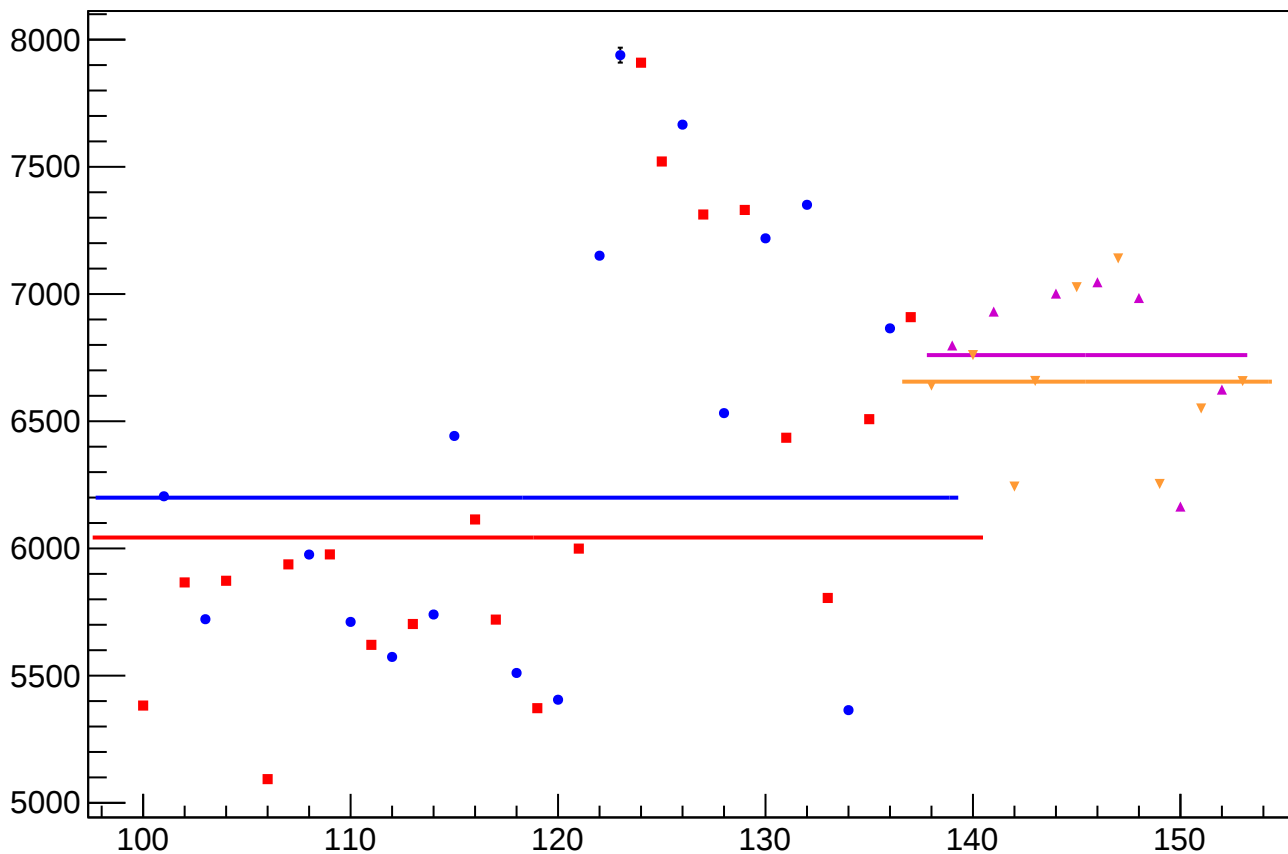
Left In: -16.467 $\pm$ 2.847 χ^2/NDF : 3.4/6

-4.631 $\pm$ 1.768 χ^2/NDF : 44.1/25

-8.083 $\pm$ 1.253 χ^2/NDF : 87.3/52

-11.561 $\pm$ 1.775 χ^2/NDF : 35.5/26

diff_bpm0l05X_rms vs Slug, Sign Corrected



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

Left Out: 6655.637 $\pm$ 1.843 χ^2/NDF : 22526.9/8

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

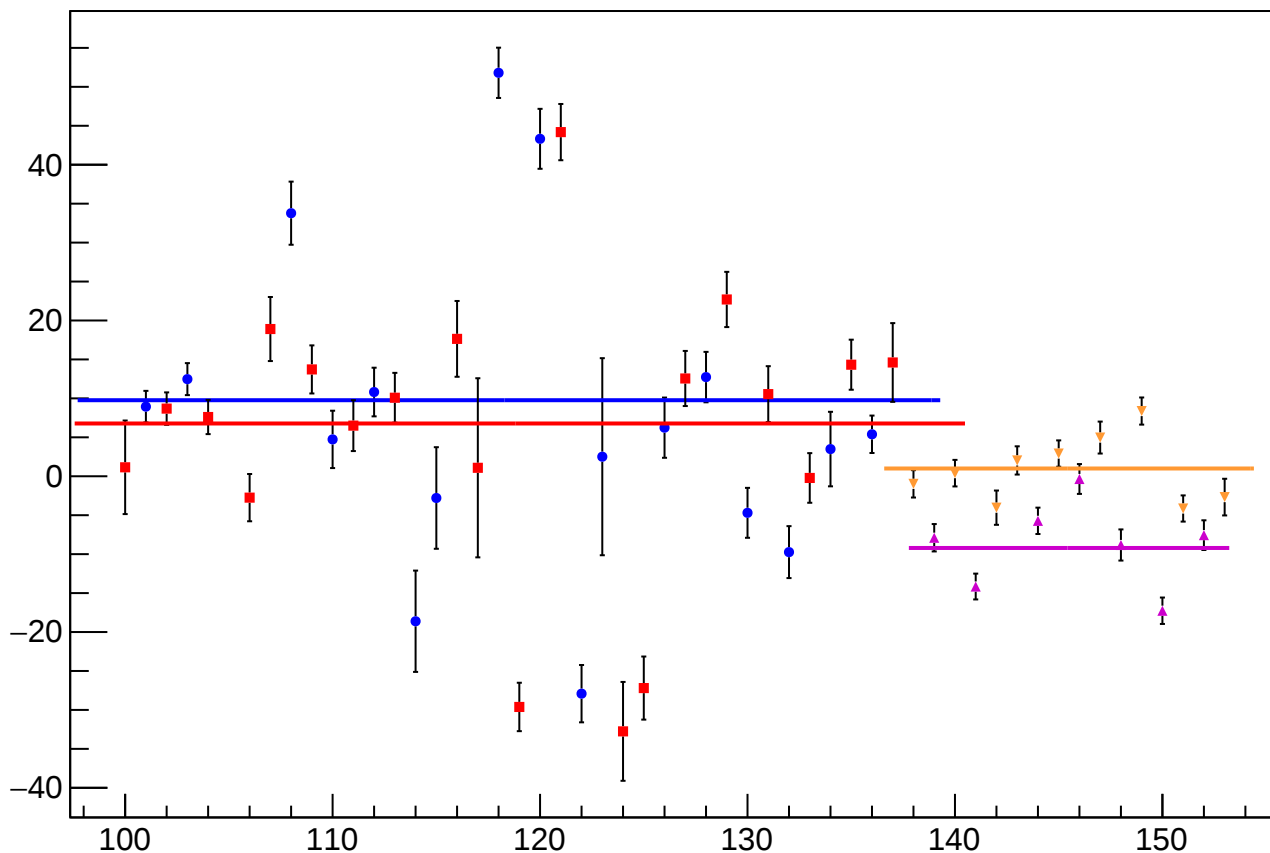
Left In: 6759.992 $\pm$ 2.013 χ^2/NDF : 24141.3/6

6409.639 $\pm$ 1.250 χ^2/NDF : 227326.7/25

6365.833 $\pm$ 0.886 χ^2/NDF : 490064.7/52

6321.690 $\pm$ 1.255 χ^2/NDF : 260274.2/26

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 9.764 ± 0.797 $\chi^2/\text{NDF}: 473.8/16$

Left Out: 0.997 ± 0.617 $\chi^2/\text{NDF}: 41.7/8$

Right Out: 6.776 ± 0.763 $\chi^2/\text{NDF}: 422.1/19$

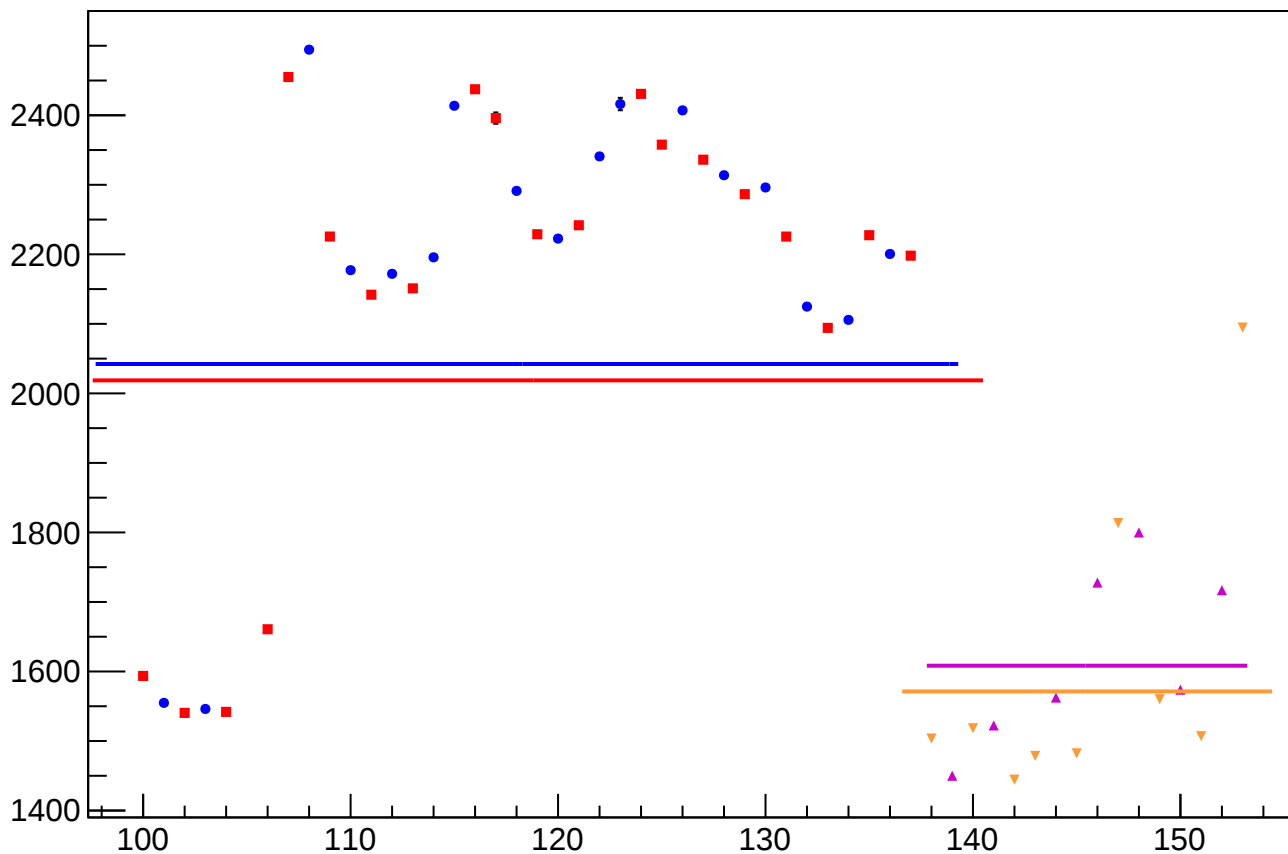
Left In: -9.207 ± 0.677 $\chi^2/\text{NDF}: 58.5/6$

4.281 ± 0.488 $\chi^2/\text{NDF}: 591.1/25$

1.178 ± 0.351 $\chi^2/\text{NDF}: 1401.3/52$

-2.168 ± 0.506 $\chi^2/\text{NDF}: 726.0/26$

diff_bpm0l05Y_rms vs Slug, Sign Corrected



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

Left Out: 1571.298 $\pm$ 0.436 χ^2 /NDF: 152178.8/8

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

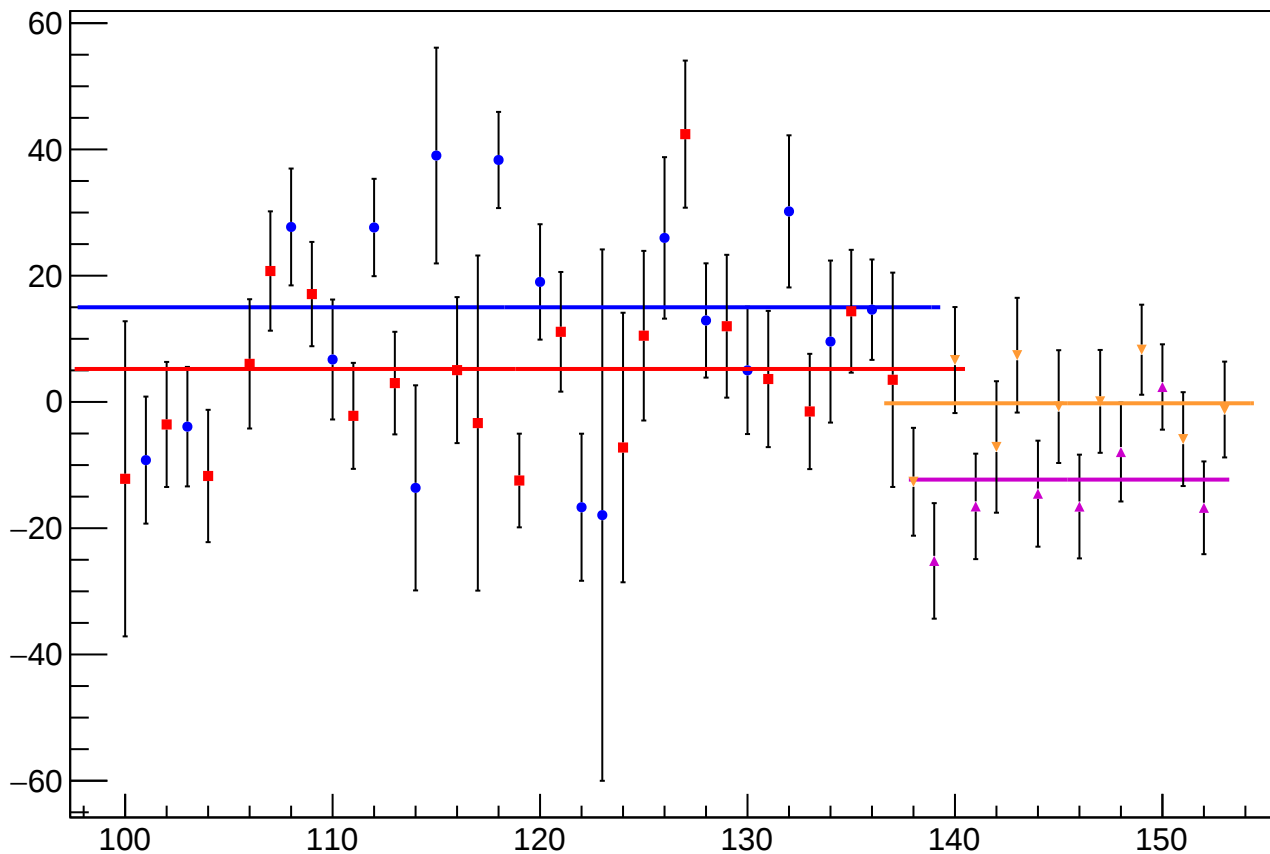
Left In: 1608.308 $\pm$ 0.479 χ^2 /NDF: 56534.6/6

1747.689 $\pm$ 0.345 χ^2 /NDF: 945997.8/25

1767.586 $\pm$ 0.248 χ^2 /NDF: 1710957.8/52

1789.042 $\pm$ 0.358 χ^2 /NDF: 758040.2/26

diff_bpm0l06X_mean vs Slug, Sign Corrected



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

Left Out: -0.212 $\pm$ 2.753 χ^2 /NDF: 5.9/8

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

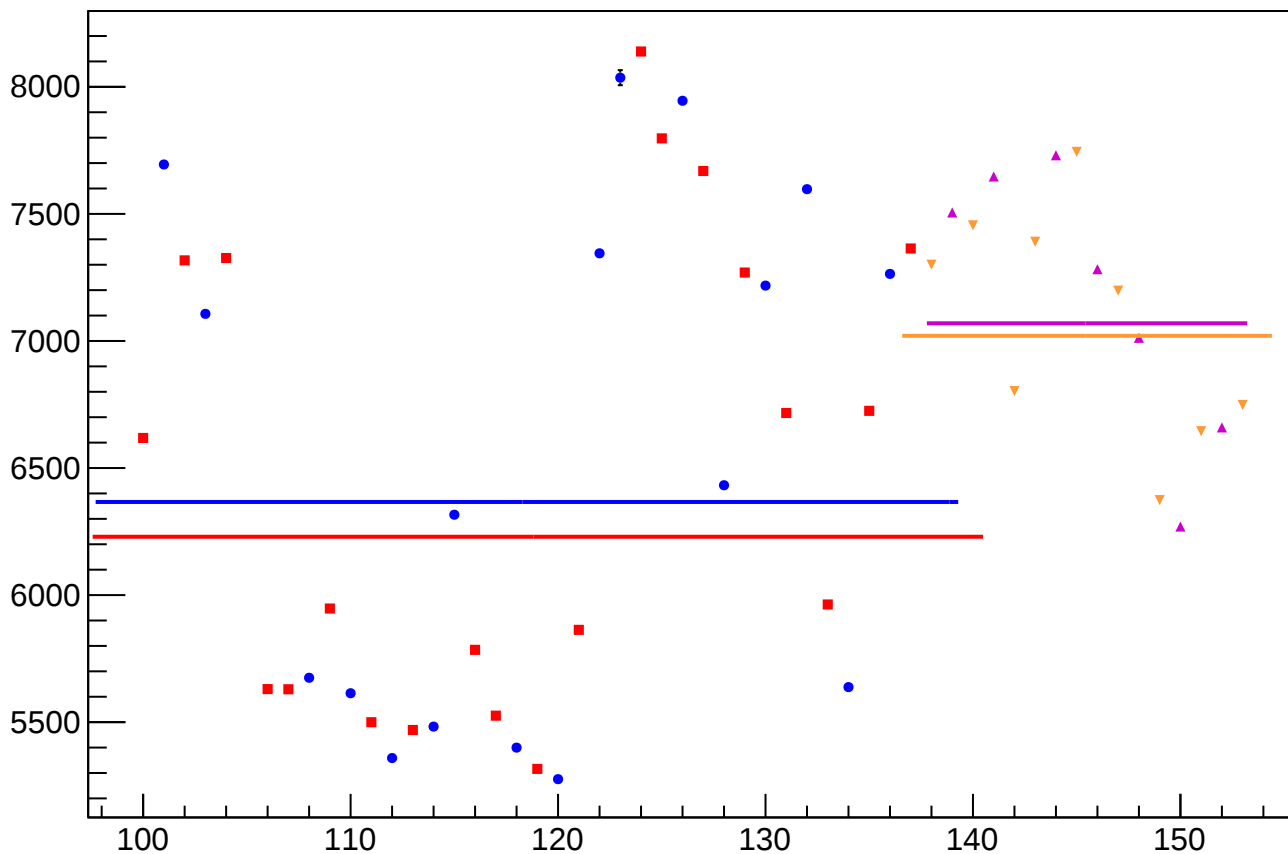
Left In: -12.301 $\pm$ 2.988 χ^2 /NDF: 8.0/6

8.168 $\pm$ 1.845 χ^2 /NDF: 64.1/25

3.355 $\pm$ 1.305 χ^2 /NDF: 135.1/52

-1.467 $\pm$ 1.846 χ^2 /NDF: 57.4/26

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

Left Out: 7020.276 +/- 1.947 χ^2/NDF : 49887.8/8

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

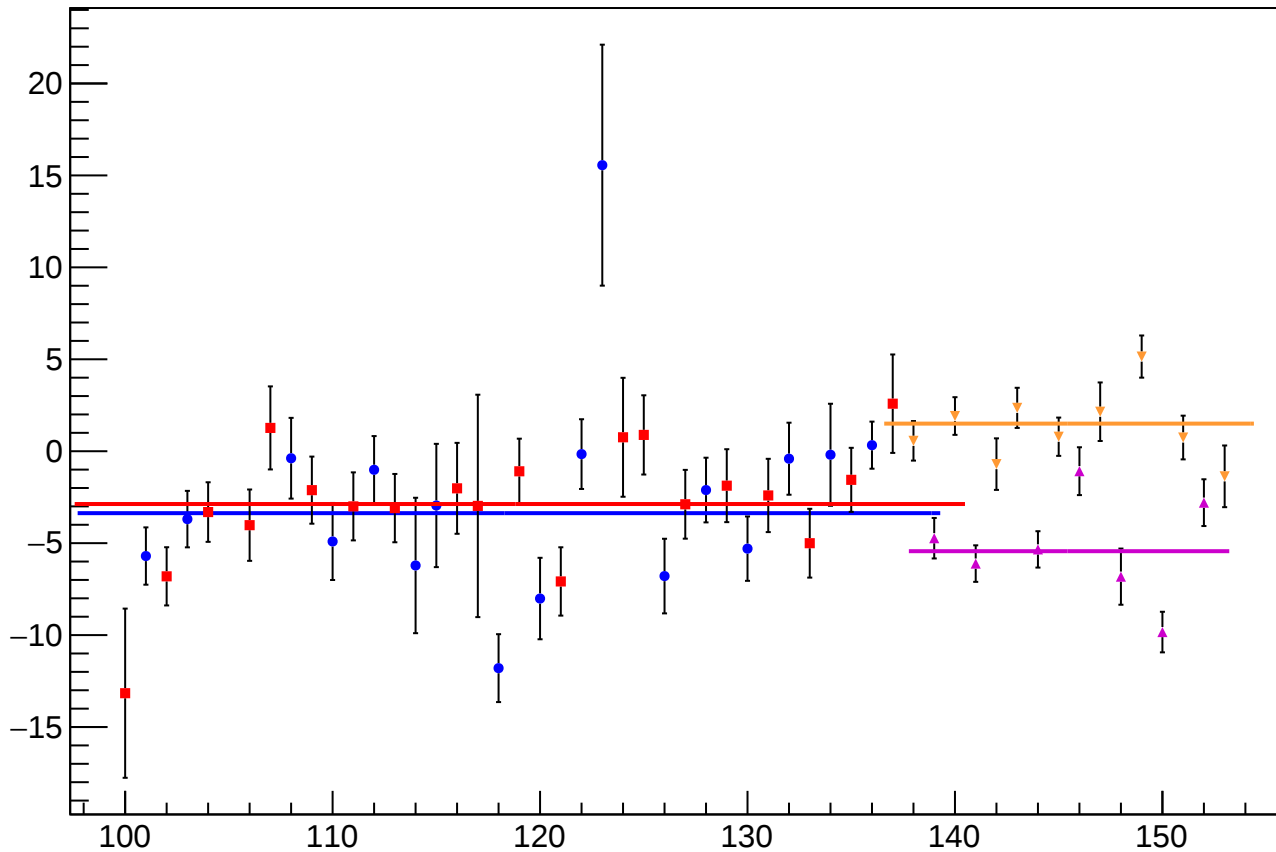
Left In: 7069.555 +/- 2.113 χ^2/NDF : 62177.9/6

6660.051 +/- 1.304 χ^2/NDF : 398526.6/25

6605.203 +/- 0.923 χ^2/NDF : 806553.1/52

6550.263 +/- 1.306 χ^2/NDF : 404487.8/26

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.368 $\pm$ 0.476 χ^2/NDF : 59.9/16

Left Out: 1.501 $\pm$ 0.398 χ^2/NDF : 18.1/8

Right Out: -2.871 $\pm$ 0.455 χ^2/NDF : 32.0/19

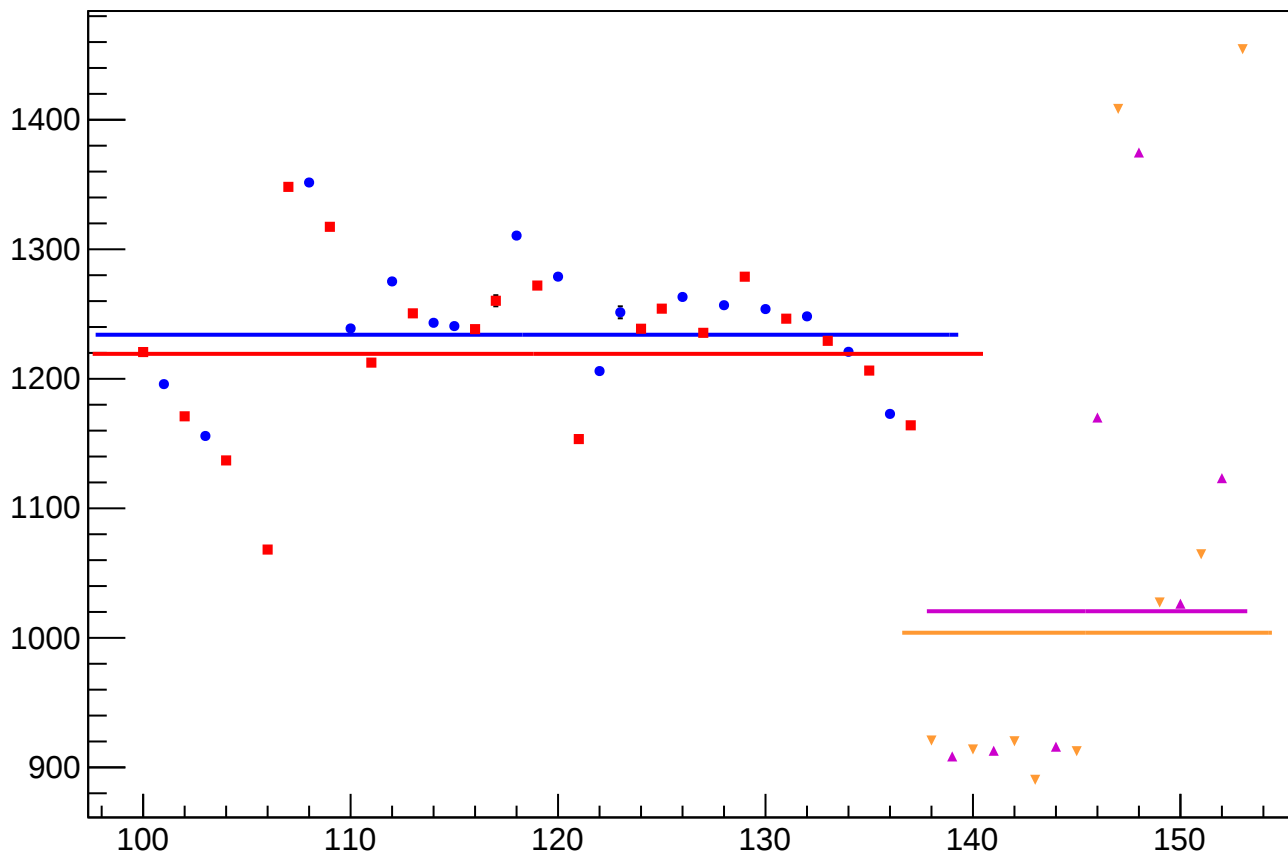
Left In: -5.437 $\pm$ 0.434 χ^2/NDF : 33.1/6

-0.506 $\pm$ 0.305 χ^2/NDF : 139.6/25

-2.309 $\pm$ 0.219 χ^2/NDF : 293.2/52

-4.216 $\pm$ 0.314 χ^2/NDF : 81.8/26

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

Left Out: 1003.964 +/- 0.282 χ^2/NDF : 351081.3/8

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

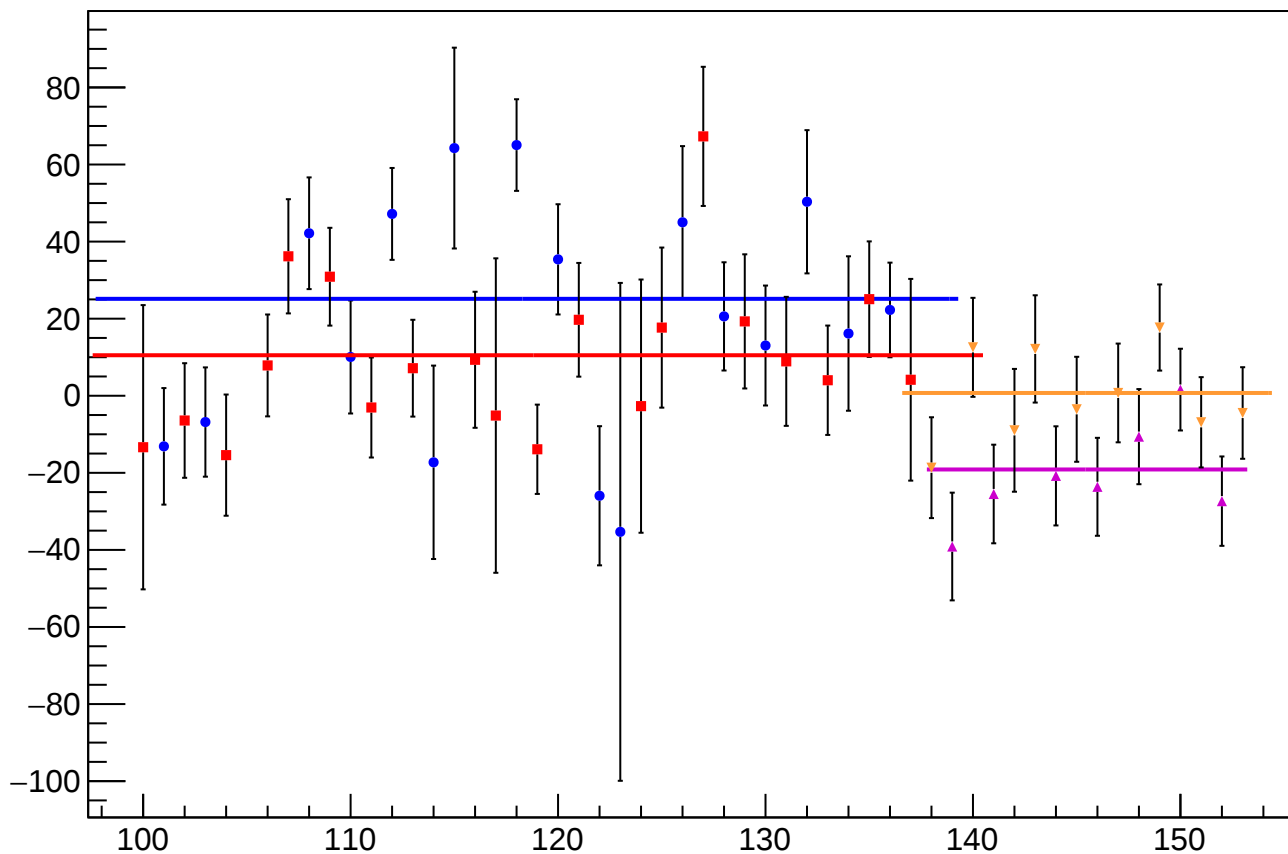
Left In: 1020.557 +/- 0.307 χ^2/NDF : 213709.4/6

1098.784 +/- 0.216 χ^2/NDF : 649860.9/25

1106.713 +/- 0.155 χ^2/NDF : 1106707.7/52

1115.097 +/- 0.222 χ^2/NDF : 454070.8/26

diff_bpm0l07X_mean vs Slug, Sign Corrected



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

Left Out: 0.725+/-4.269 χ^2/NDF : 7.1/8

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

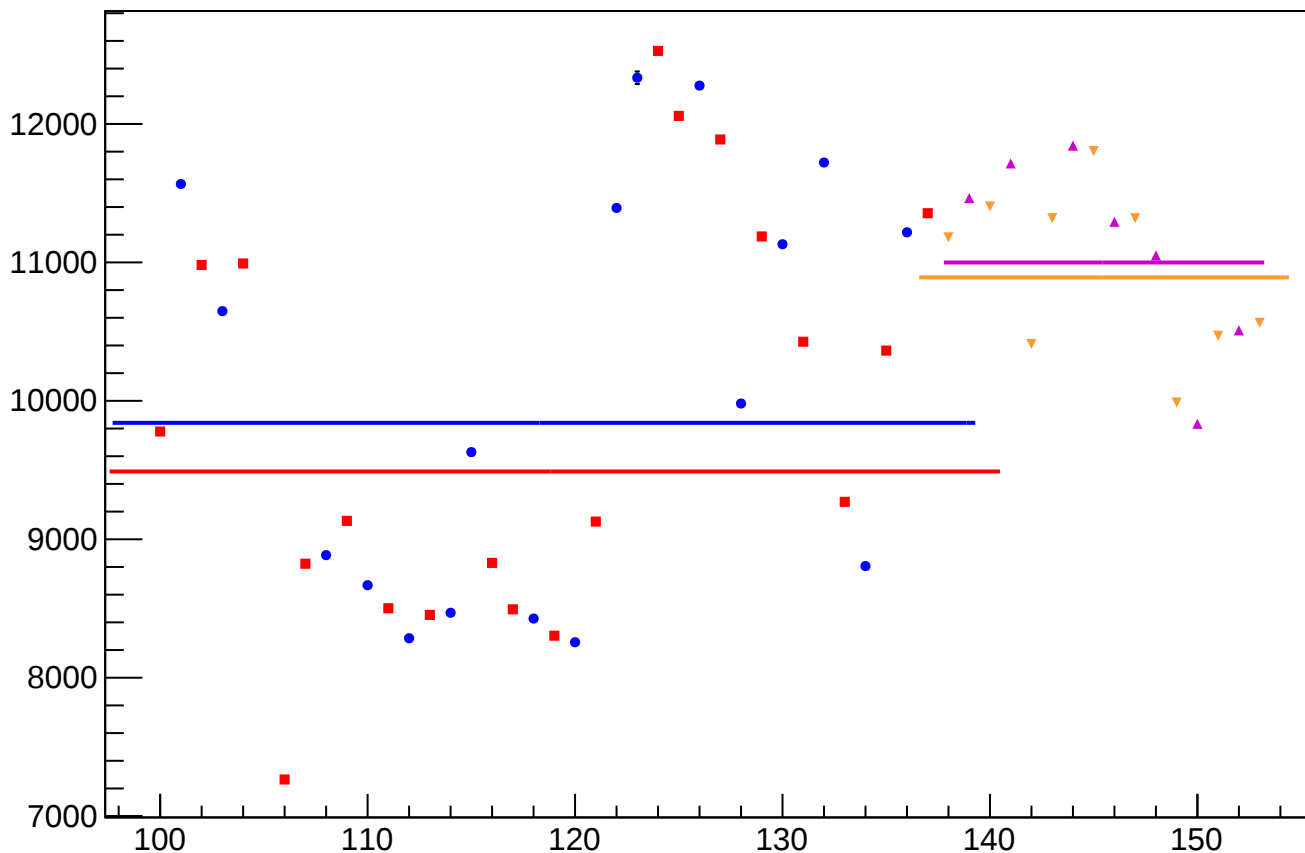
Left In: -19.129+/-4.644 χ^2/NDF : 7.2/6

14.234+/-2.854 χ^2/NDF : 72.1/25

6.801+/-2.012 χ^2/NDF : 146.3/52

-0.538+/-2.836 χ^2/NDF : 60.6/26

diff_bpm0l07X_rms vs Slug, Sign Corrected



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

Left Out: 10891.799+/-3.019 χ^2/NDF : 36257.9/8

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

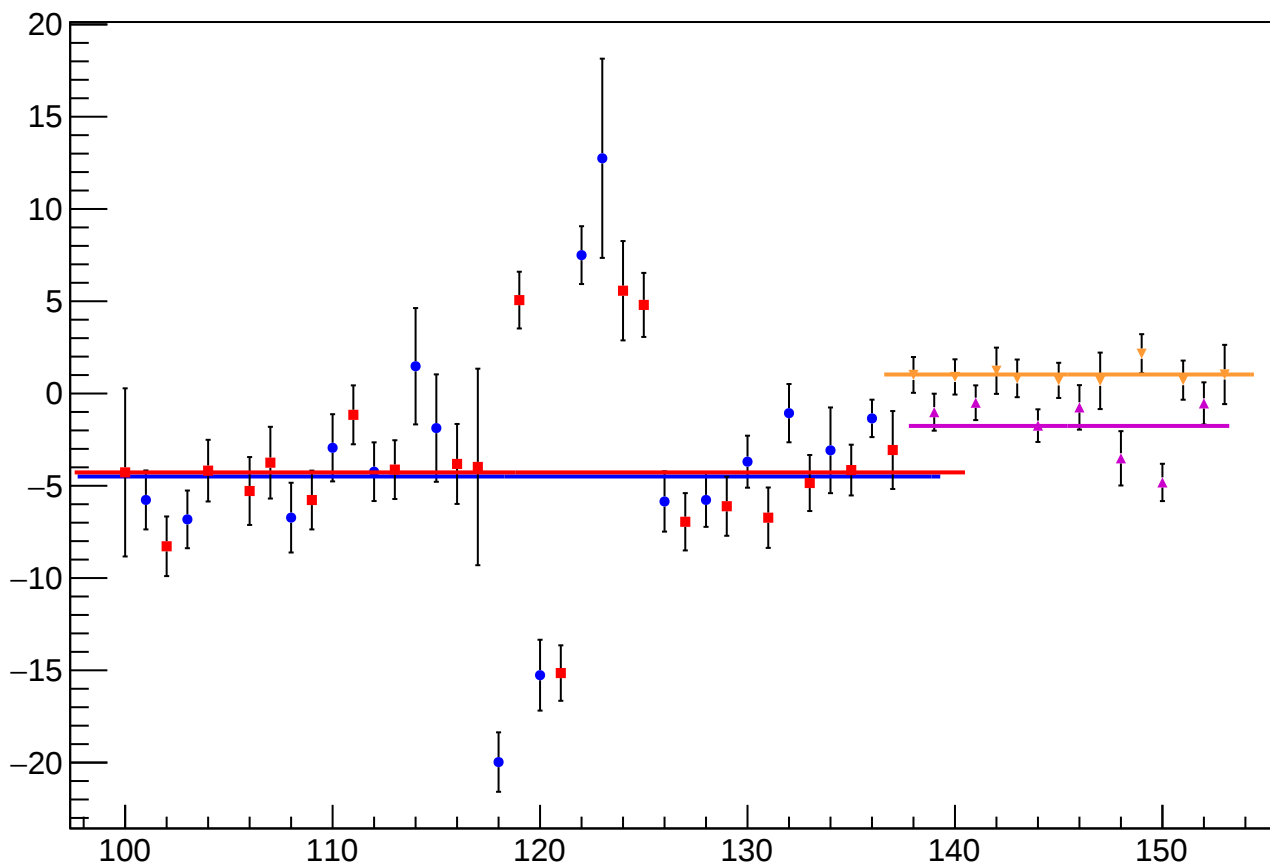
Left In: 10999.253+/-3.284 χ^2/NDF : 45923.5/6

10310.686+/-2.018 χ^2/NDF : 363317.5/25

10180.781+/-1.422 χ^2/NDF : 827881.2/52

10052.517+/-2.005 χ^2/NDF : 456328.4/26

diff_bpm0l07Y_mean vs Slug, Sign Corrected



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

Left Out: 1.031 ± 0.366 χ^2/NDF : 1.5/8

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

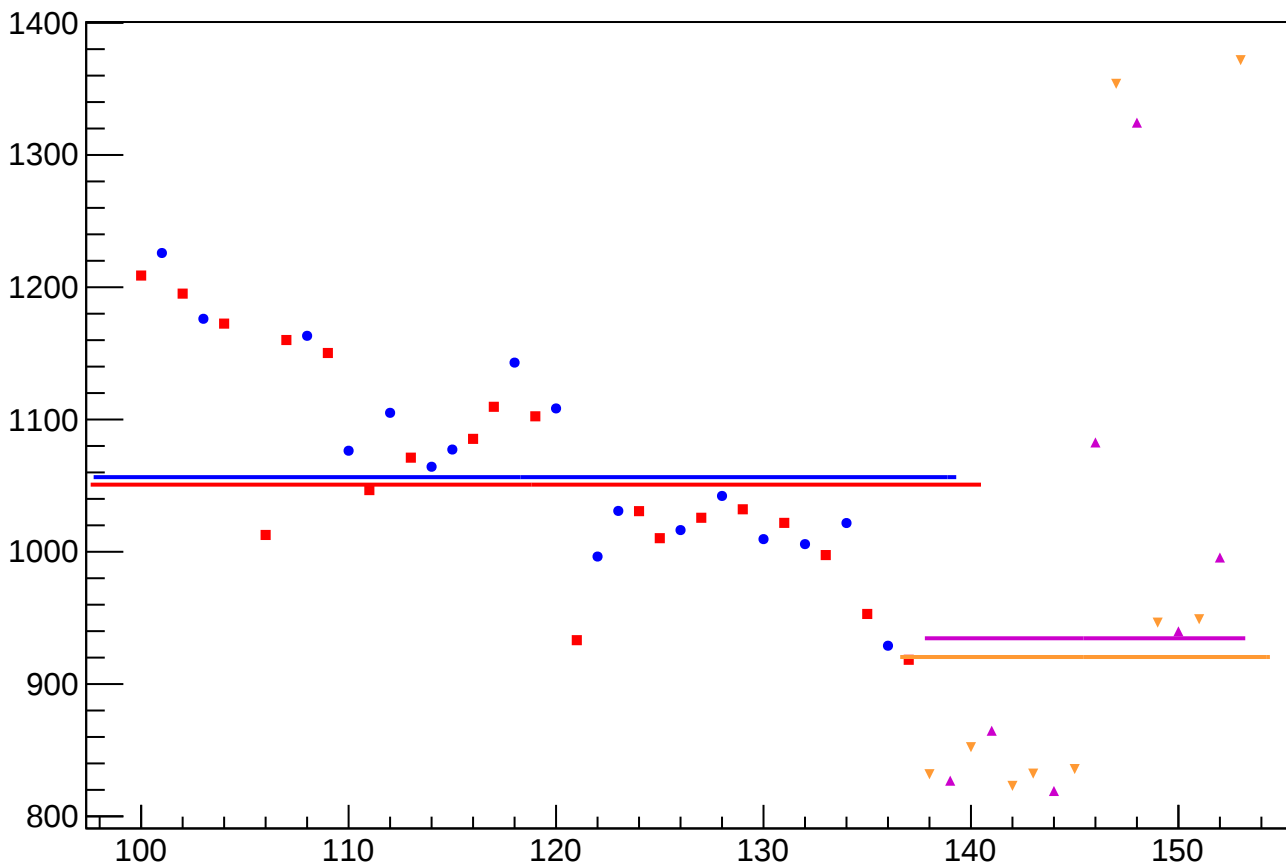
Left In: -1.757 ± 0.398 χ^2/NDF : 14.8/6

-1.434 ± 0.273 χ^2/NDF : 321.5/25

-2.213 ± 0.195 χ^2/NDF : 521.5/52

-3.034 ± 0.280 χ^2/NDF : 183.3/26

diff_bpm0l07Y_rms vs Slug, Sign Corrected



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

Left Out: 920.448 $\pm$ 0.259 χ^2/NDF : 390717.8/8

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

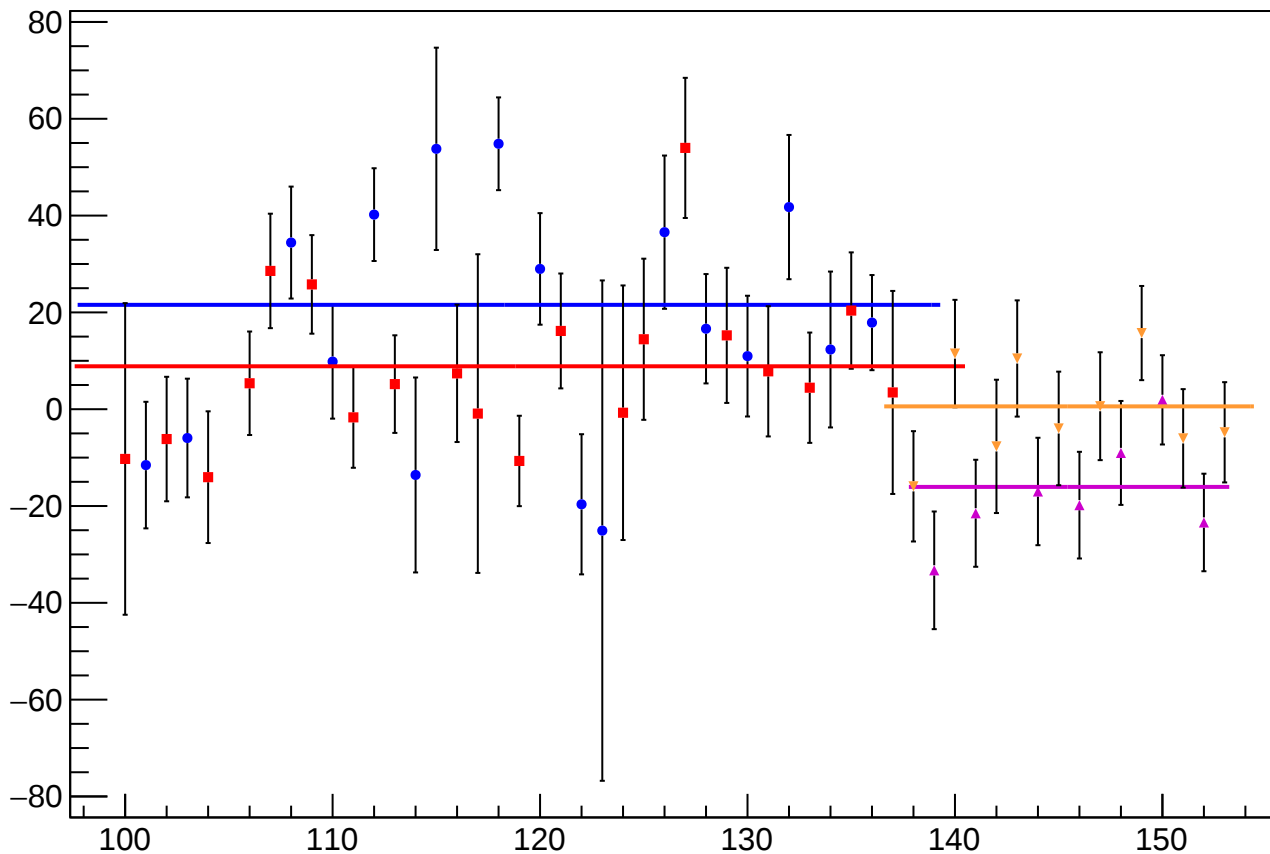
Left In: 934.606 $\pm$ 0.282 χ^2/NDF : 244433.4/6

981.091 $\pm$ 0.193 χ^2/NDF : 604492.8/25

987.139 $\pm$ 0.138 χ^2/NDF : 1019786.4/52

993.510 $\pm$ 0.198 χ^2/NDF : 413271.4/26

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

Left Out: 0.584+/-3.704 χ^2/NDF : 7.4/8

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

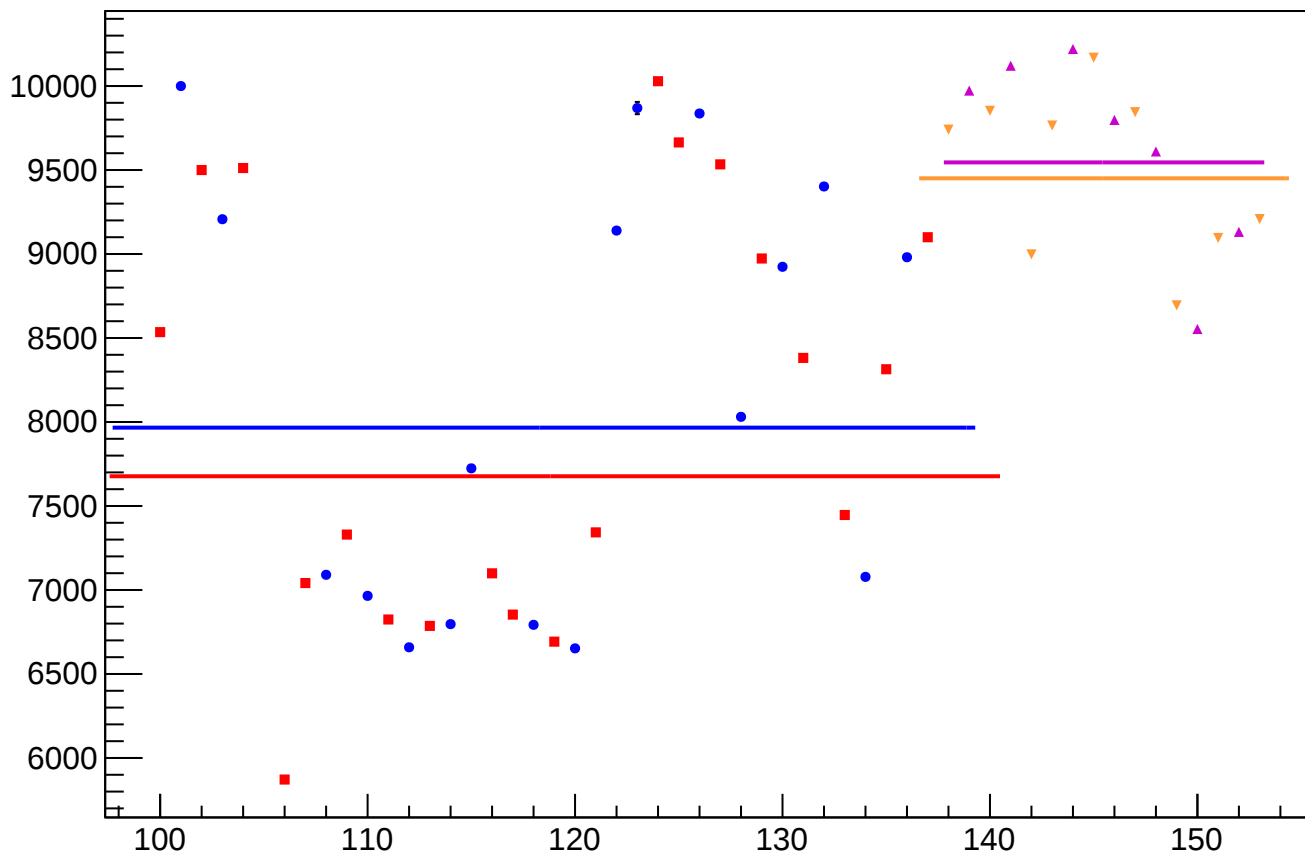
Left In: -16.052+/-4.029 χ^2/NDF : 7.1/6

12.885+/-2.382 χ^2/NDF : 74.6/25

6.550+/-1.674 χ^2/NDF : 148.4/52

0.361+/-2.354 χ^2/NDF : 59.9/26

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

Left Out: 9450.473 $\pm$ 2.619 χ^2/NDF : 33065.4/8

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

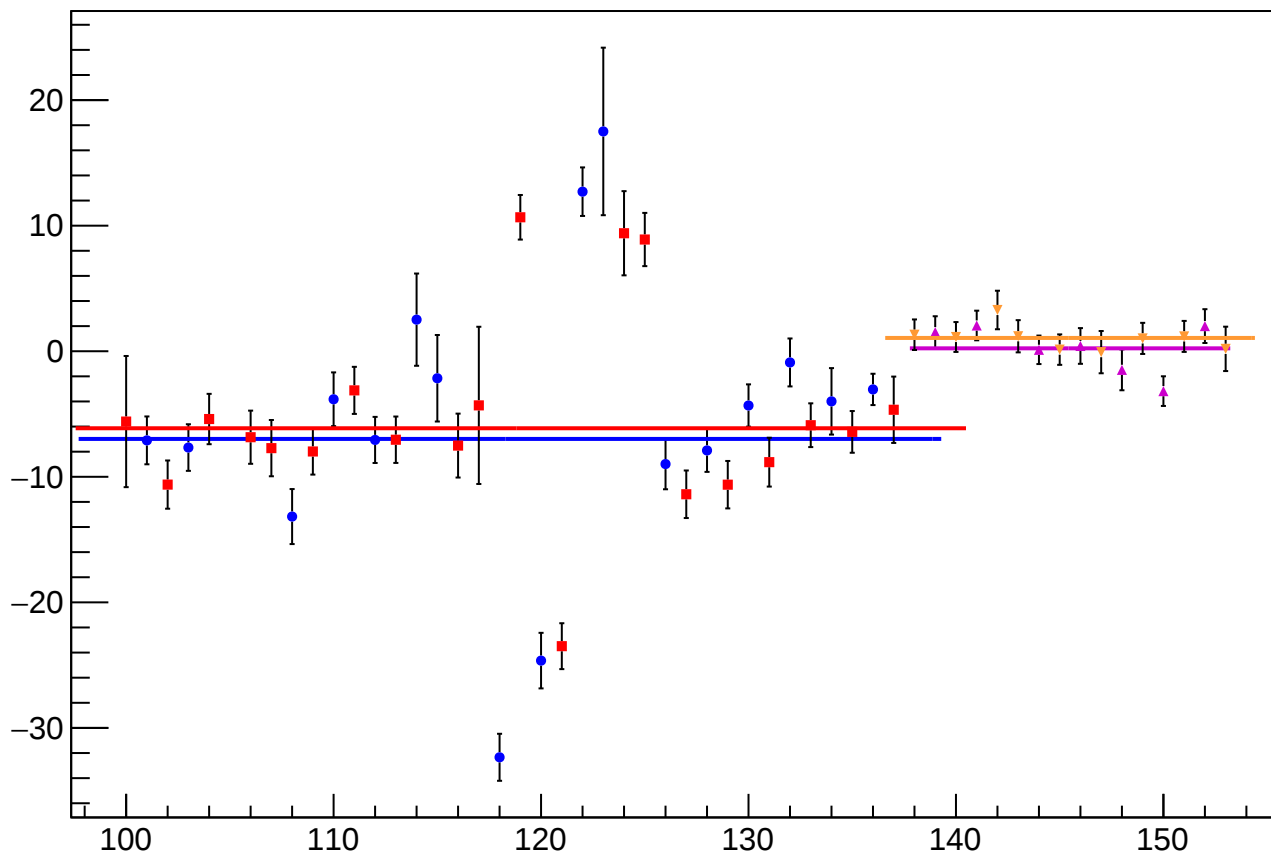
Left In: 9545.326 $\pm$ 2.849 χ^2/NDF : 42914.1/6

8580.202 $\pm$ 1.684 χ^2/NDF : 517993.3/25

8445.907 $\pm$ 1.184 χ^2/NDF : 1172993.7/52

8314.727 $\pm$ 1.665 χ^2/NDF : 642431.7/26

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

Left Out: 1.059 ± 0.444 χ^2/NDF : 3.5/8

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

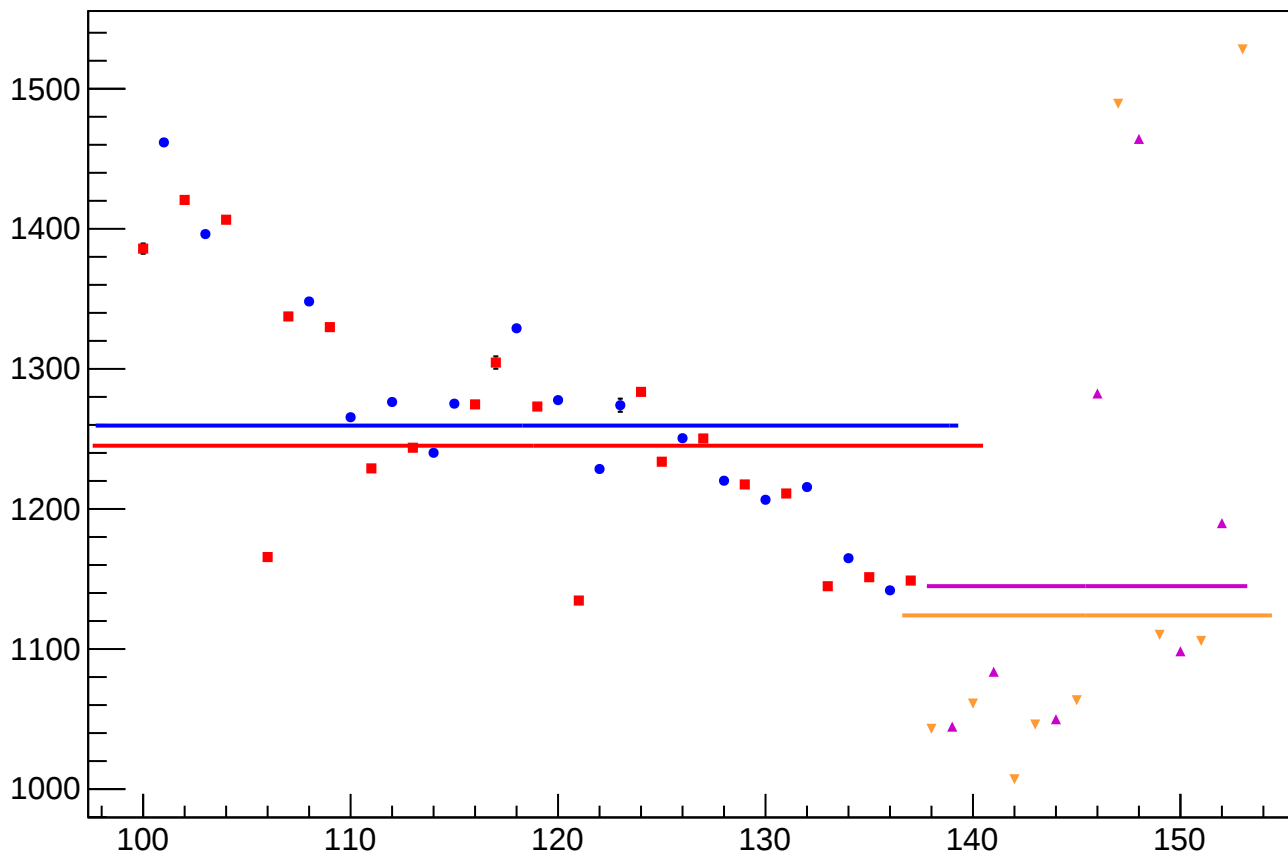
Left In: 0.231 ± 0.485 χ^2/NDF : 14.6/6

-2.598 ± 0.328 χ^2/NDF : 561.2/25

-2.834 ± 0.235 χ^2/NDF : 944.2/52

-3.081 ± 0.336 χ^2/NDF : 382.0/26

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

Left Out: 1124.008 ± 0.314 χ^2/NDF : 237924.4/8

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

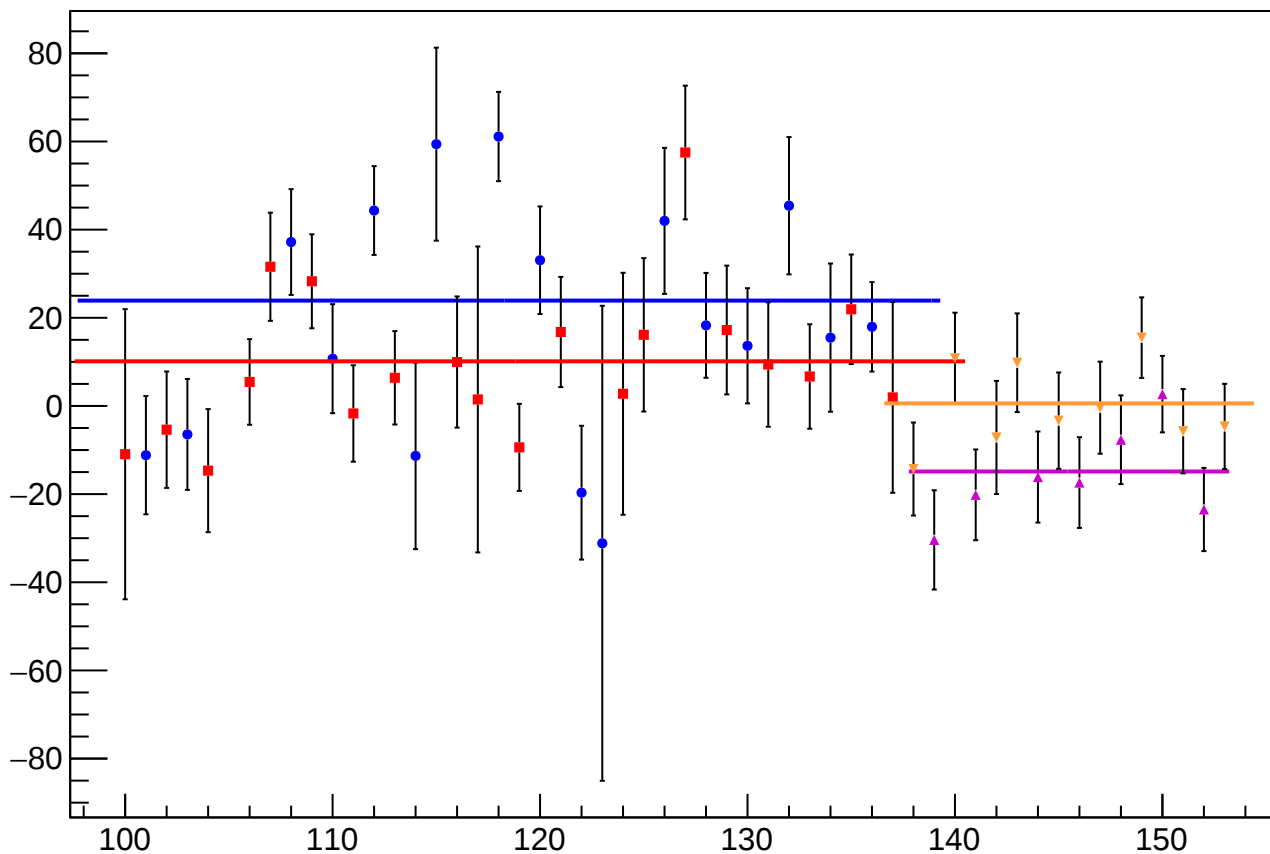
Left In: 1144.894 ± 0.343 χ^2/NDF : 133050.0/6

1185.625 ± 0.232 χ^2/NDF : 387516.7/25

1191.206 ± 0.166 χ^2/NDF : 633313.3/52

1197.056 ± 0.237 χ^2/NDF : 244609.3/26

diff_bpm0l09X_mean vs Slug, Sign Corrected



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

Left Out: 0.585 ± 3.459 χ^2/NDF : 7.5/8

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

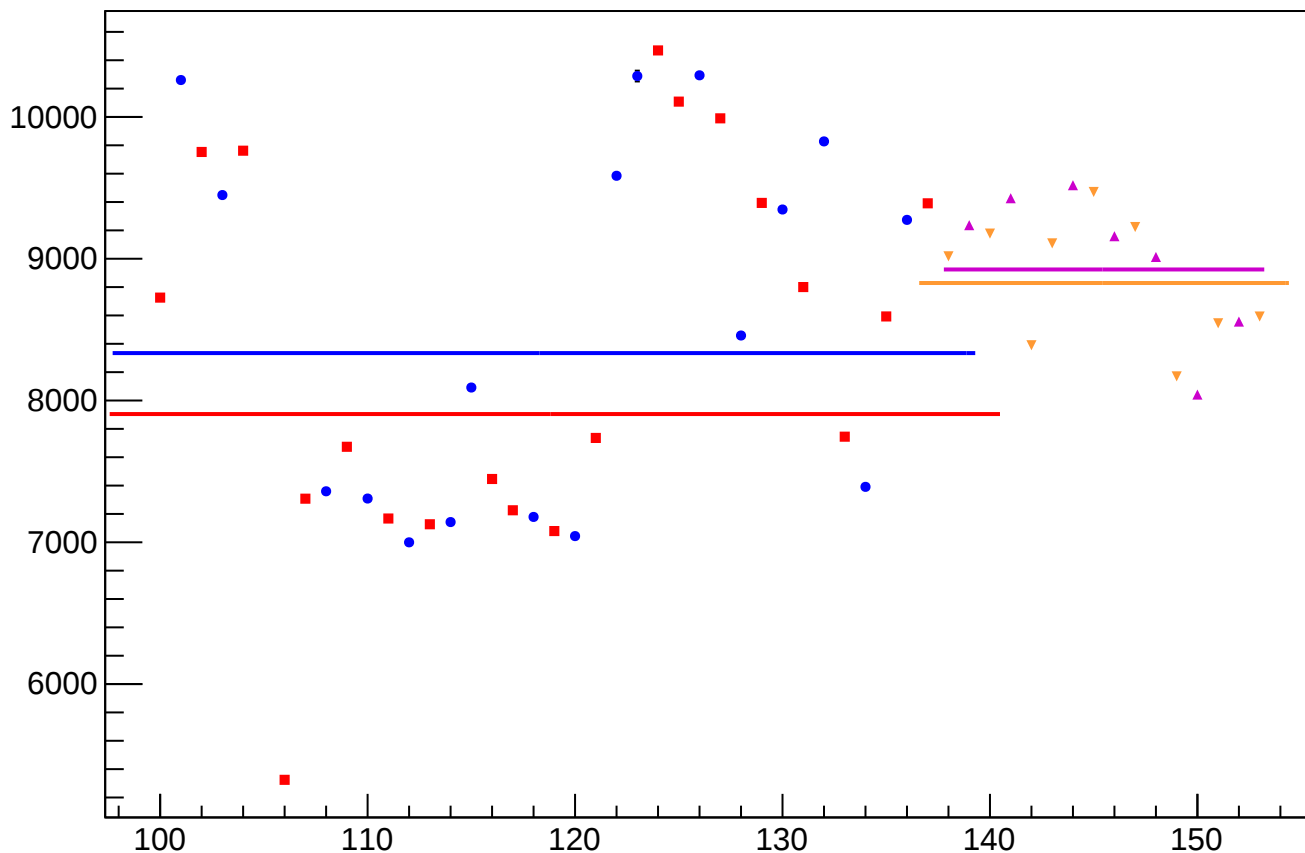
Left In: -14.870 ± 3.766 χ^2/NDF : 7.7/6

12.969 ± 2.369 χ^2/NDF : 84.1/25

6.640 ± 1.666 χ^2/NDF : 160.9/52

0.443 ± 2.344 χ^2/NDF : 62.7/26

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

Left Out: 8828.838 $\pm$ 2.446 χ^2 /NDF: 29611.0/8

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

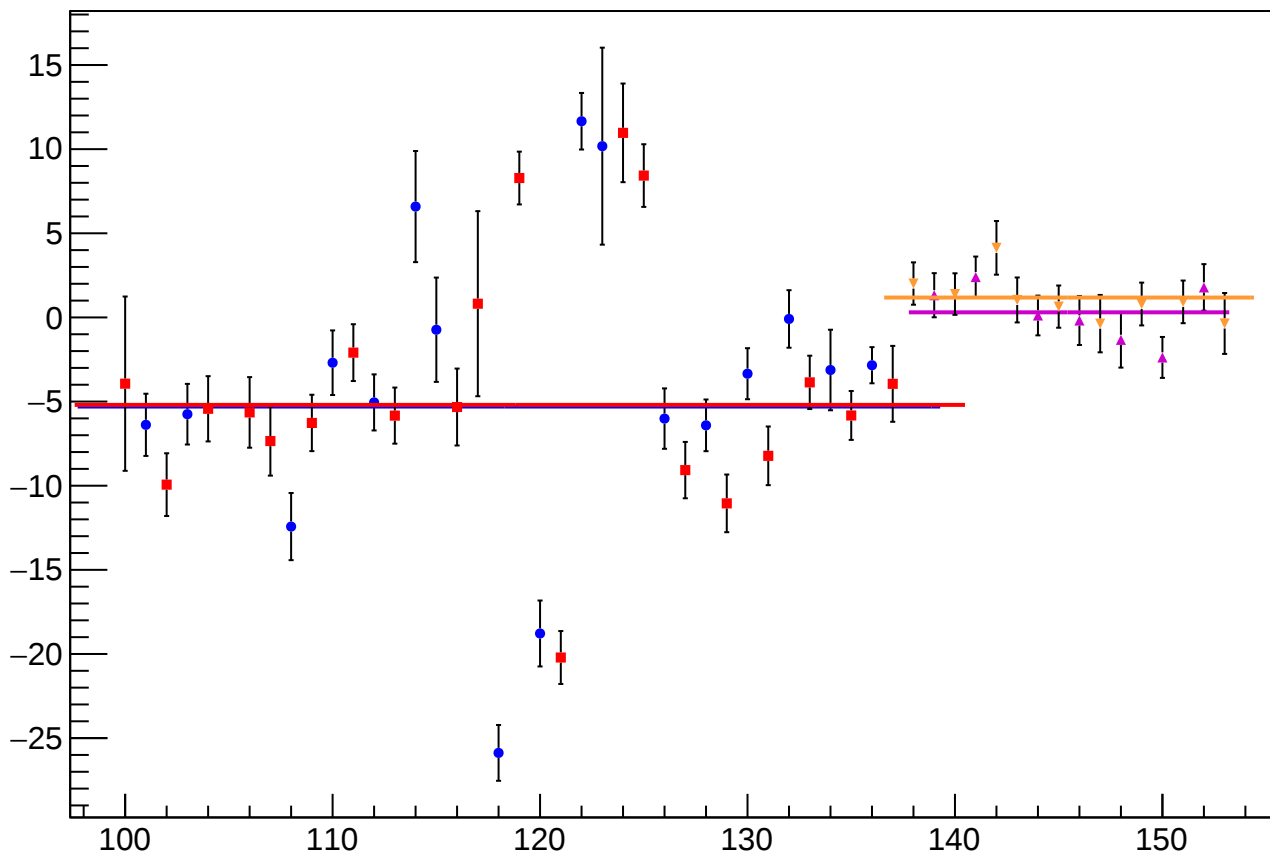
Left In: 8924.281 $\pm$ 2.663 χ^2 /NDF: 37853.5/6

8566.314 $\pm$ 1.675 χ^2 /NDF: 323603.3/25

8431.503 $\pm$ 1.178 χ^2 /NDF: 855714.5/52

8299.533 $\pm$ 1.657 χ^2 /NDF: 519292.7/26

diff_bpm0l09Y_mean vs Slug, Sign Corrected



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

Left Out: 1.181±/0.458 χ^2/NDF : 5.8/8

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

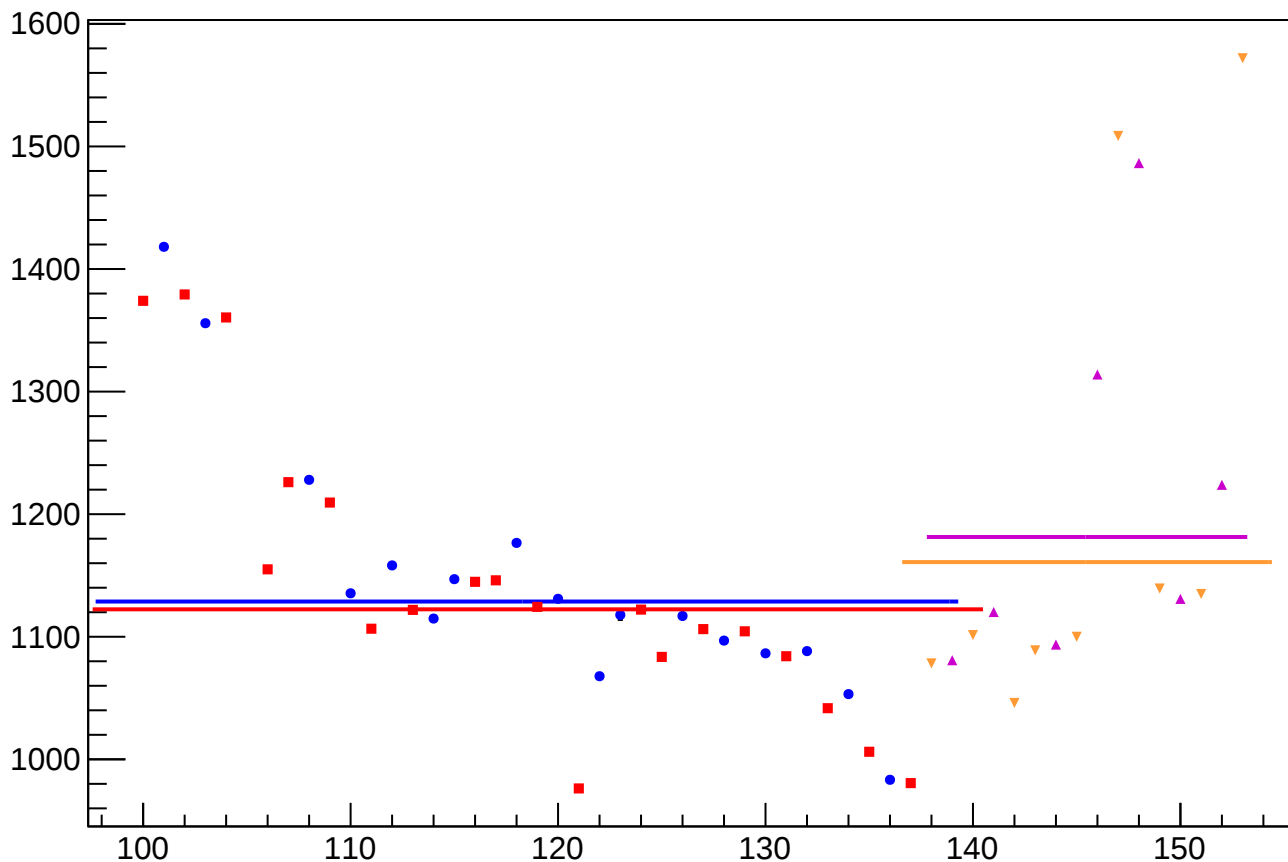
Left In: 0.303±/0.499 χ^2/NDF : 10.7/6

-2.209±/0.316 χ^2/NDF : 468.6/25

-2.557±/0.225 χ^2/NDF : 835.8/52

-2.917±/0.322 χ^2/NDF : 364.8/26

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1128.740 ± 0.309 $\chi^2/\text{NDF}: 133096.9/16$

Left Out: 1160.904 ± 0.324 $\chi^2/\text{NDF}: 221989.9/8$

Right Out: 1122.377 ± 0.297 $\chi^2/\text{NDF}: 129638.9/19$

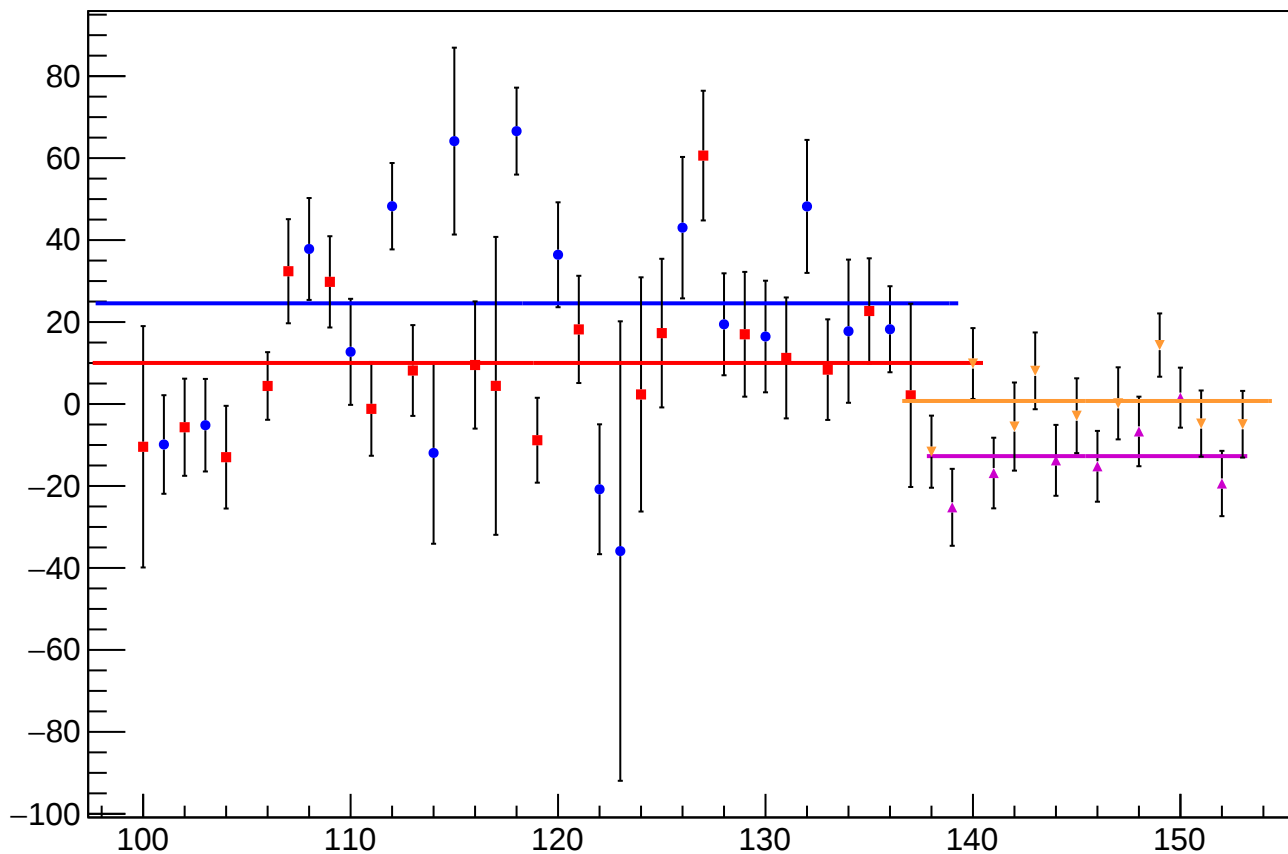
Left In: 1181.386 ± 0.353 $\chi^2/\text{NDF}: 118027.1/6$

1144.064 ± 0.224 $\chi^2/\text{NDF}: 360252.6/25$

1145.432 ± 0.159 $\chi^2/\text{NDF}: 624333.8/52$

1146.847 ± 0.227 $\chi^2/\text{NDF}: 264005.0/26$

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.569 ± 3.318 $\chi^2/\text{NDF}: 58.1/16$

Left Out: 0.741 ± 2.905 $\chi^2/\text{NDF}: 8.3/8$

Right Out: 10.019 ± 2.997 $\chi^2/\text{NDF}: 28.8/19$

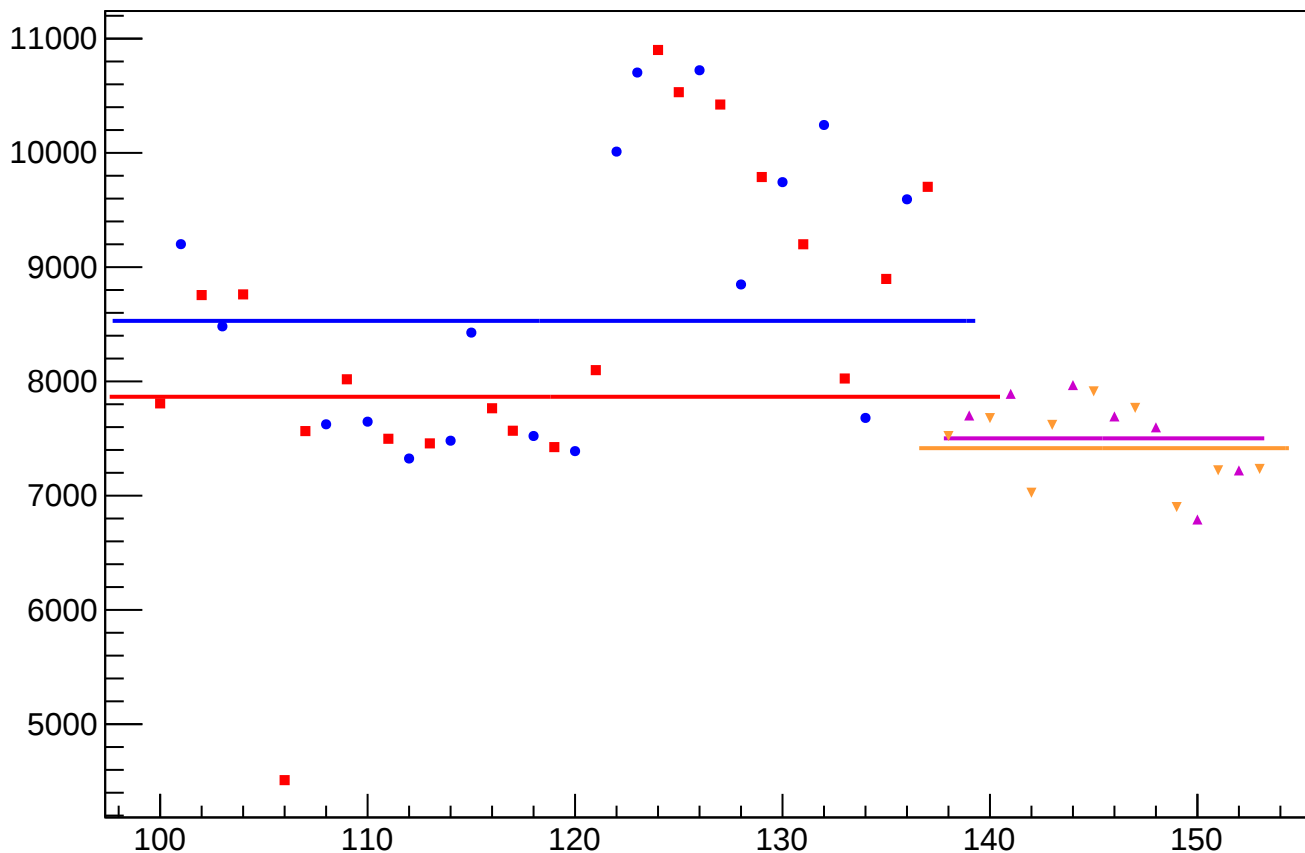
Left In: -12.714 ± 3.164 $\chi^2/\text{NDF}: 7.1/6$

11.079 ± 2.186 $\chi^2/\text{NDF}: 95.6/25$

5.147 ± 1.542 $\chi^2/\text{NDF}: 173.4/52$

-0.732 ± 2.176 $\chi^2/\text{NDF}: 63.1/26$

diff_bpm0l10X_rms vs Slug, Sign Corrected



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

Left Out: 7415.712 +/- 2.054 χ^2/NDF : 25933.8/8

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

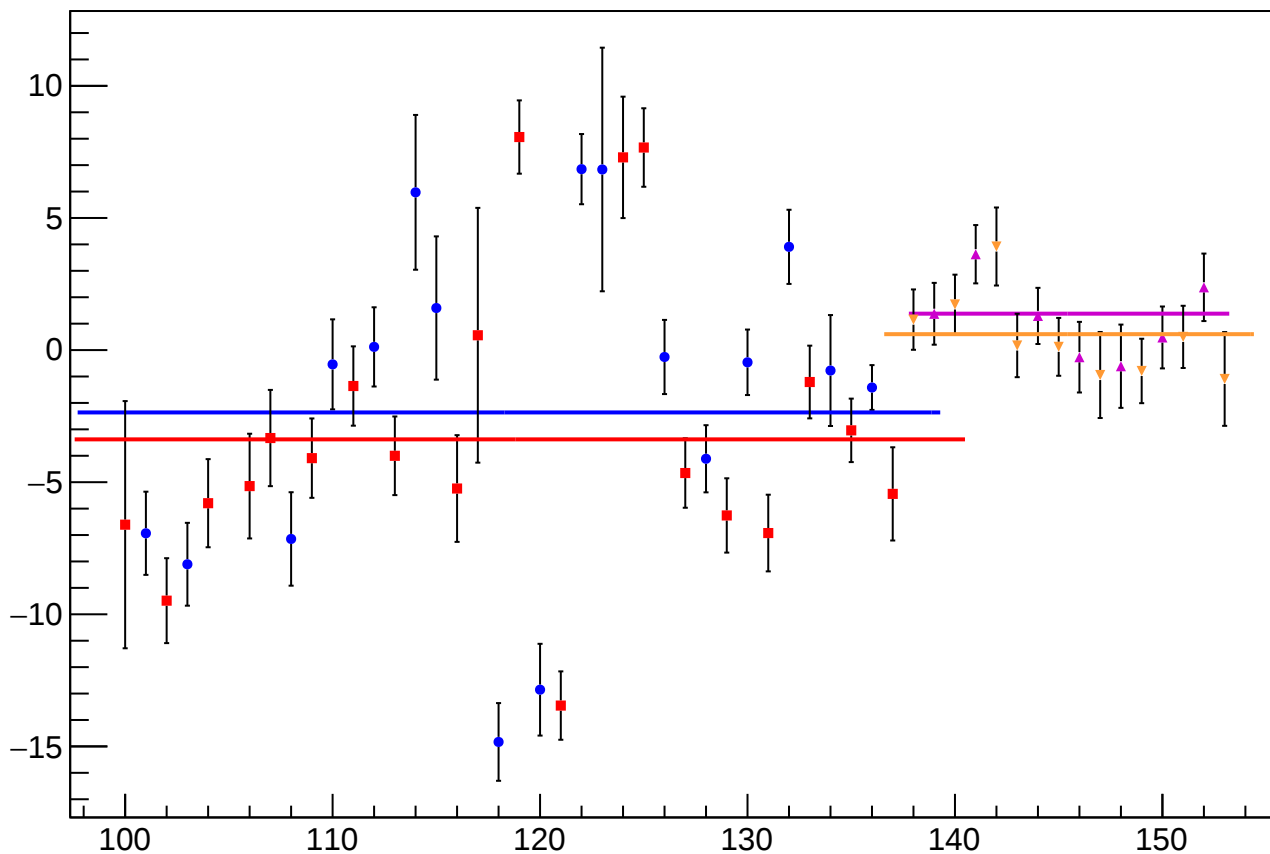
Left In: 7501.609 +/- 2.238 χ^2/NDF : 33359.4/6

7899.079 +/- 1.546 χ^2/NDF : 361901.9/25

7795.804 +/- 1.090 χ^2/NDF : 974072.5/52

7693.435 +/- 1.539 χ^2/NDF : 603279.7/26

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

Left Out: 0.602 $\pm$ 0.421 χ^2/NDF : 9.7/8

Right Out: -3.379 $\pm$ 0.357 χ^2/NDF : 242.1/19

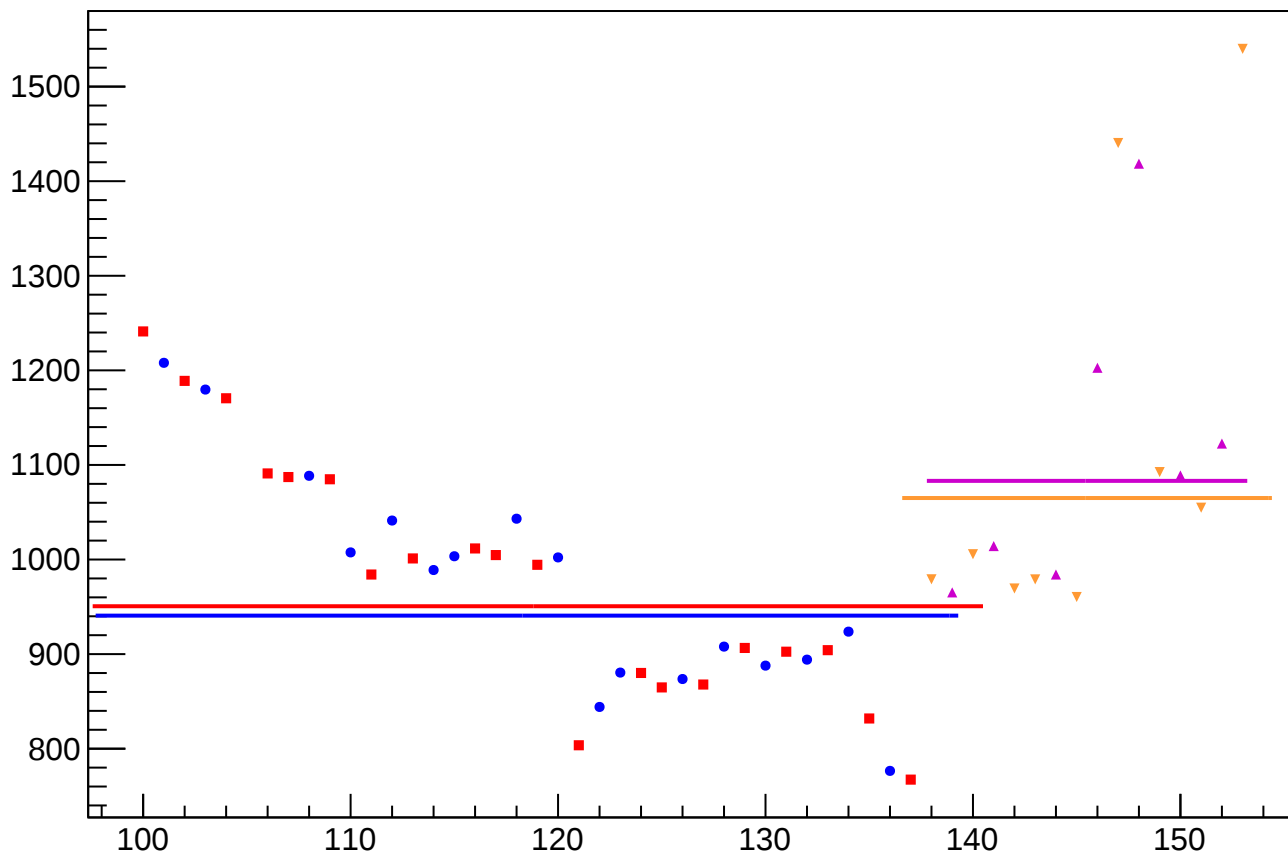
Left In: 1.378 $\pm$ 0.459 χ^2/NDF : 8.5/6

-1.088 $\pm$ 0.276 χ^2/NDF : 269.9/25

-1.332 $\pm$ 0.197 χ^2/NDF : 588.9/52

-1.586 $\pm$ 0.282 χ^2/NDF : 317.4/26

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

Left Out: 1065.025+/-0.298 χ^2/NDF : 304513.4/8

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

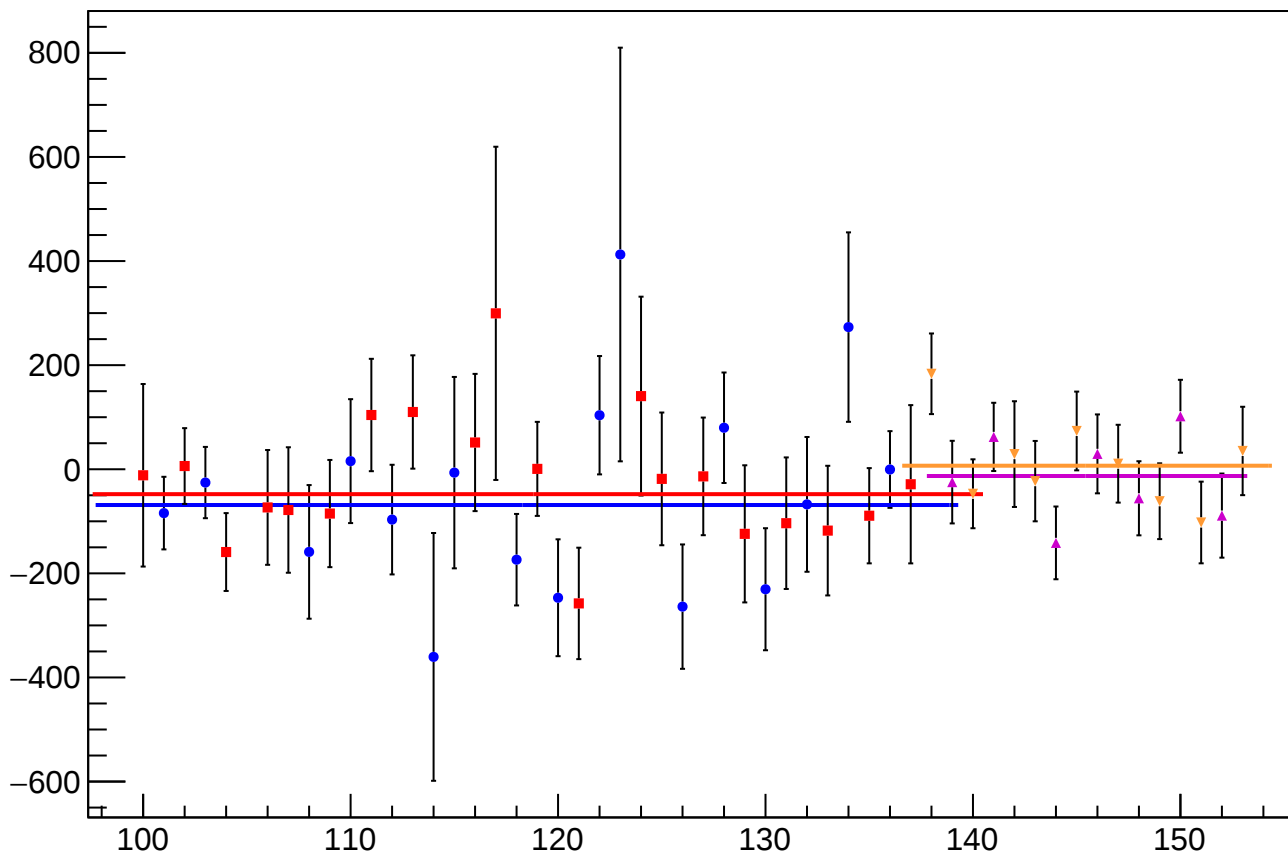
Left In: 1083.157+/-0.325 χ^2/NDF : 154026.6/6

994.065+/-0.195 χ^2/NDF : 645628.2/25

997.254+/-0.140 χ^2/NDF : 1124930.0/52

1000.579+/-0.199 χ^2/NDF : 478757.0/26

diff_bpm0r03X_mean vs Slug, Sign Corrected



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

Left Out: 6.825 $\pm$ 25.794 χ^2/NDF : 9.8/8

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

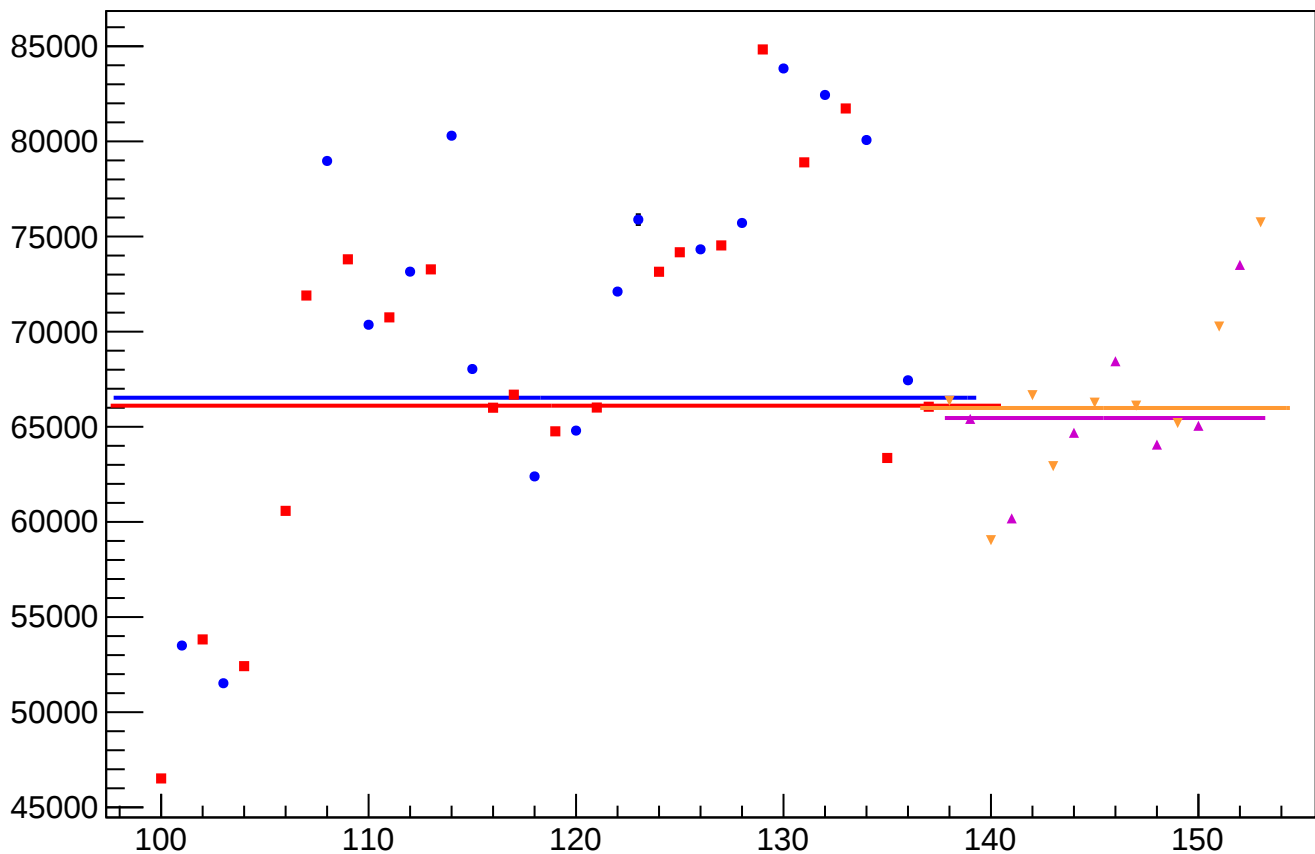
Left In: -12.958 $\pm$ 27.474 χ^2/NDF : 9.0/6

-30.709 $\pm$ 18.292 χ^2/NDF : 35.8/25

-31.386 $\pm$ 12.996 χ^2/NDF : 60.8/52

-32.077 $\pm$ 18.468 χ^2/NDF : 25.0/26

diff_bpm0r03X_rms vs Slug, Sign Corrected



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

Left Out: 65988.188 ± 18.239 χ^2/NDF : 57929.8/8

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

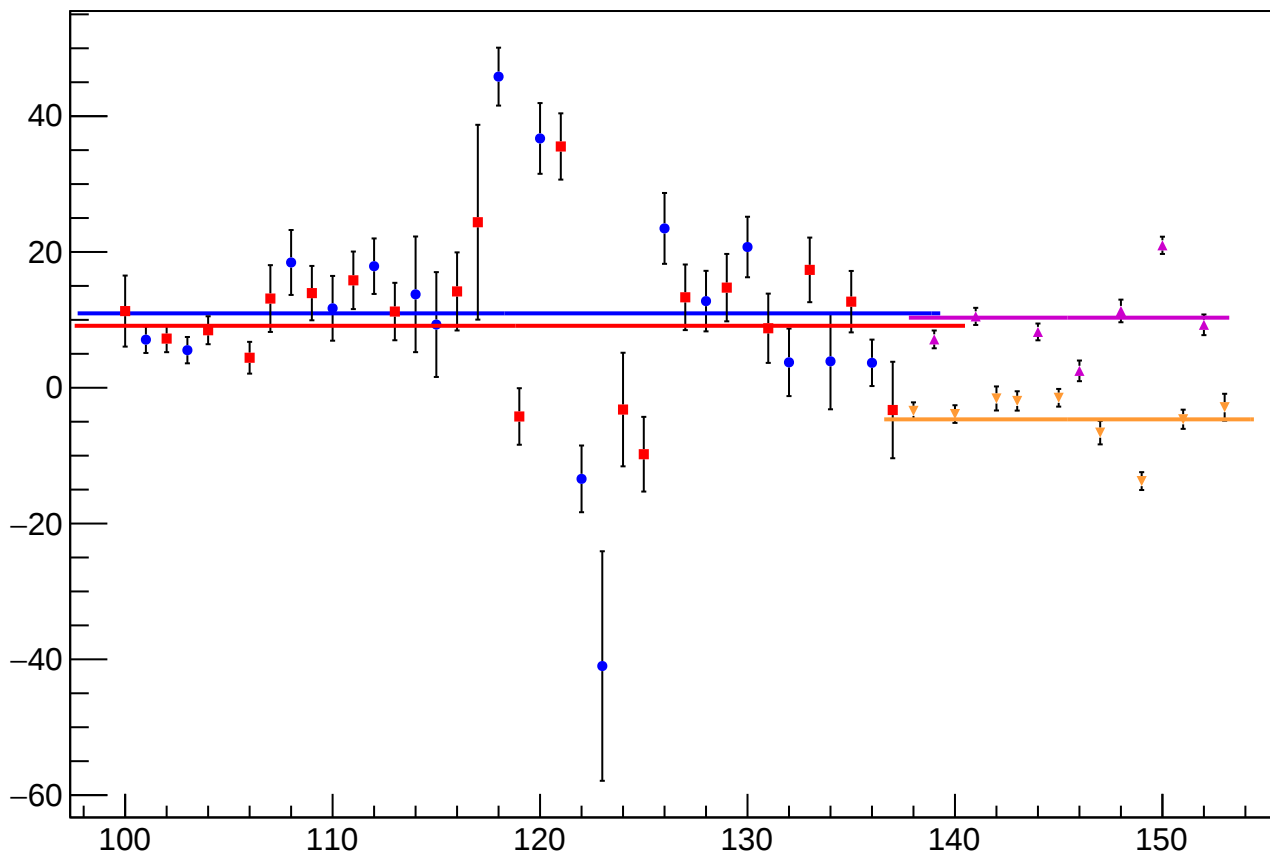
Left In: 65461.155 ± 19.427 χ^2/NDF : 36973.5/6

66256.133 ± 12.935 χ^2/NDF : 379251.3/25

66038.409 ± 9.190 χ^2/NDF : 715899.2/52

65816.491 ± 13.059 χ^2/NDF : 336075.8/26

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

Left Out: -4.654 $\pm$ 0.483 χ^2/NDF : 63.8/8

Right Out: 9.127 $\pm$ 0.865 χ^2/NDF : 74.2/19

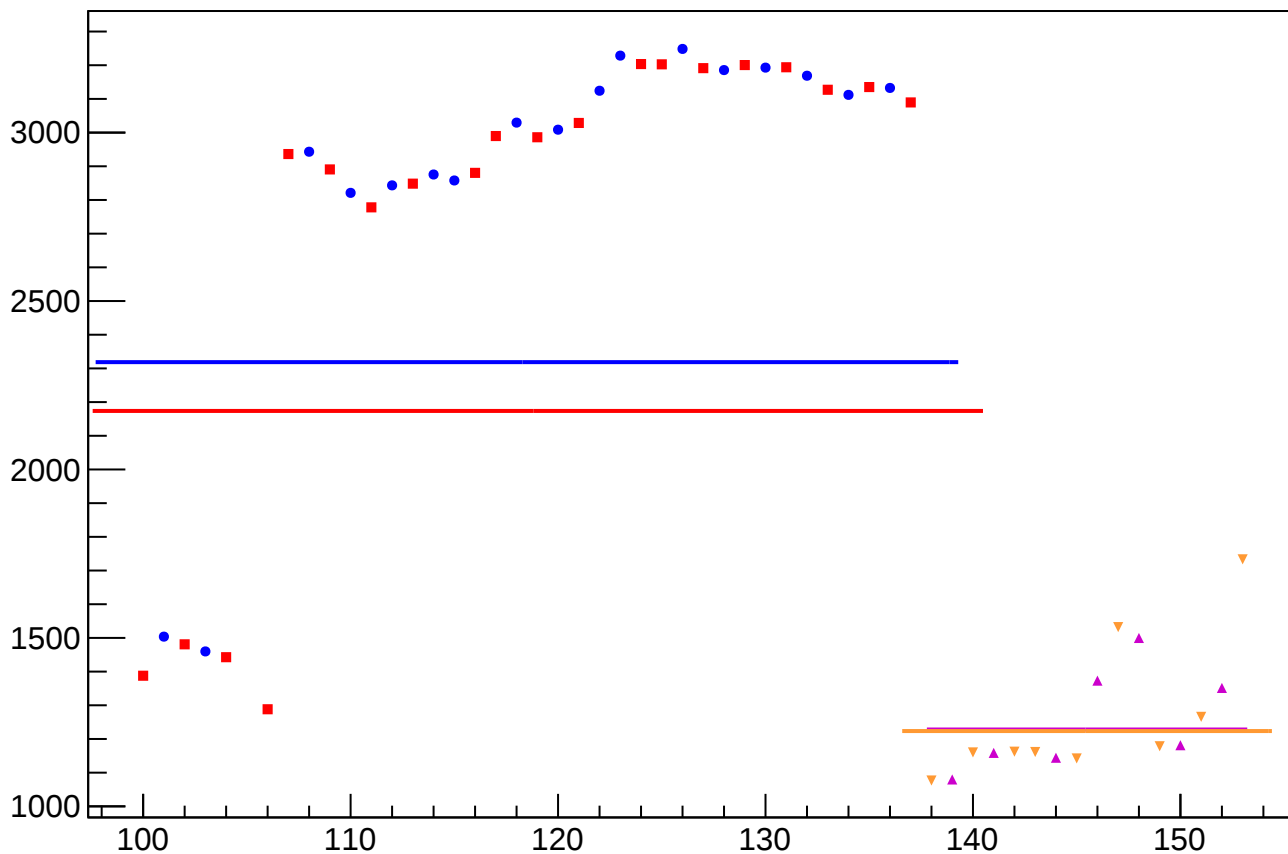
Left In: 10.322 $\pm$ 0.519 χ^2/NDF : 106.5/6

-1.415 $\pm$ 0.430 χ^2/NDF : 441.9/25

4.093 $\pm$ 0.309 χ^2/NDF : 964.8/52

10.005 $\pm$ 0.445 χ^2/NDF : 182.2/26

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

Left Out: 1223.518 $\pm$ 0.341 χ^2 /NDF:246817.9/8

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

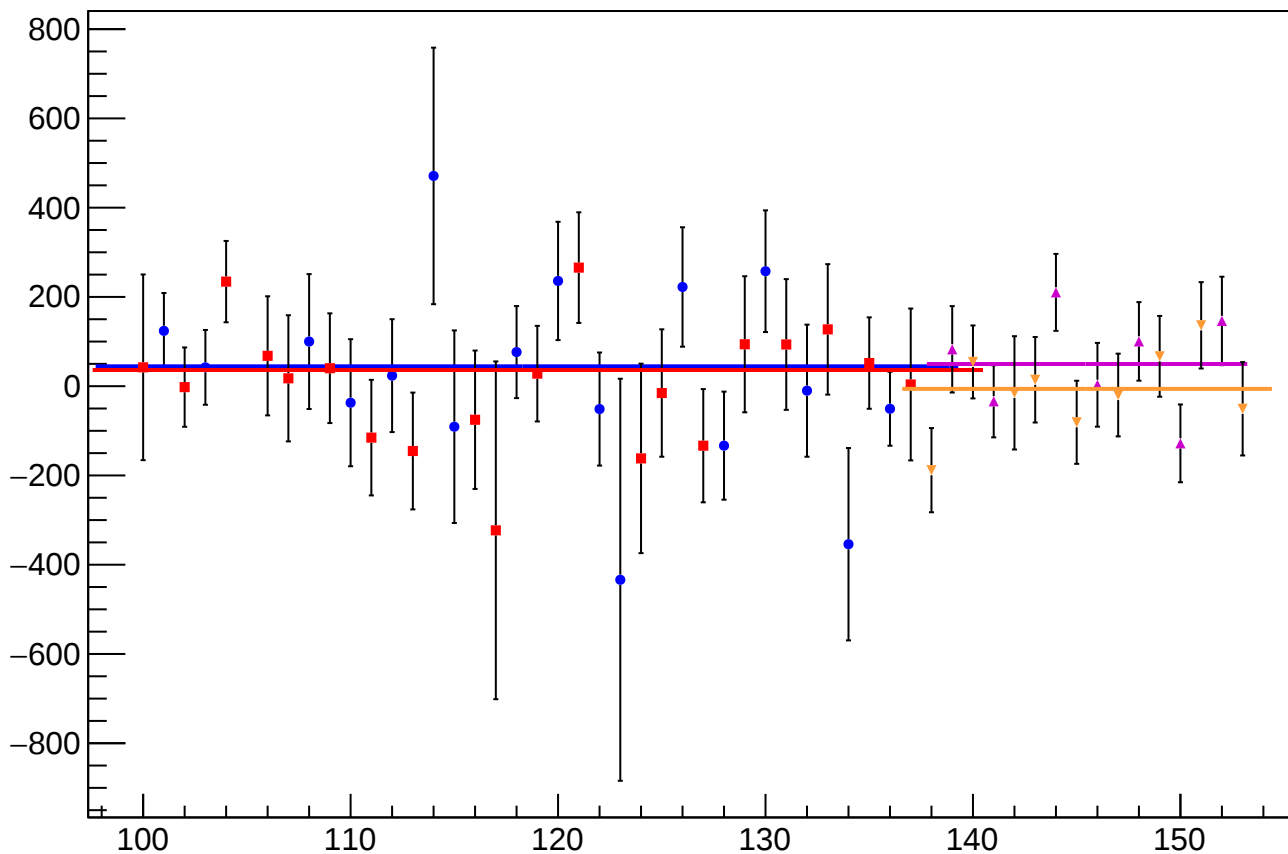
Left In: 1228.107 $\pm$ 0.367 χ^2 /NDF:128119.1/6

1450.732 $\pm$ 0.304 χ^2 /NDF: 3791899.3/25

1464.192 $\pm$ 0.219 χ^2 /NDF: 7442291.2/52

1478.641 $\pm$ 0.315 χ^2 /NDF: 3646321.1/26

diff_bpm0r05X_mean vs Slug, Sign Corrected



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

Left Out: -5.990+/-31.858 χ^2/NDF : 8.0/8

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

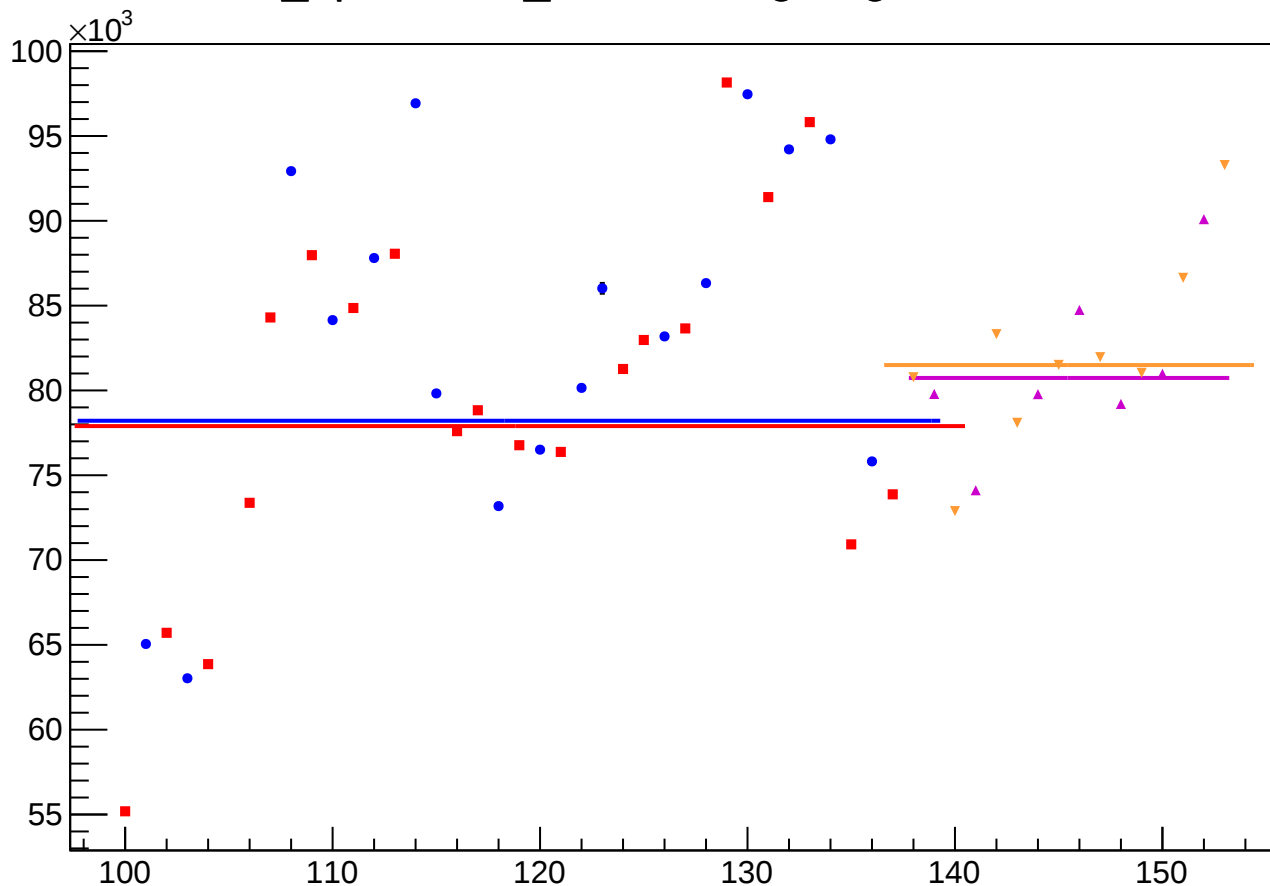
Left In: 49.678+/-33.889 χ^2/NDF : 10.3/6

20.402+/-22.005 χ^2/NDF : 28.4/25

31.116+/-15.623 χ^2/NDF : 56.0/52

42.005+/-22.184 χ^2/NDF : 27.1/26

diff_bpm0r05X_rms vs Slug, Sign Corrected



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

Left Out: 81496.383+/-22.527 χ^2 /NDF: 56433.3/8

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

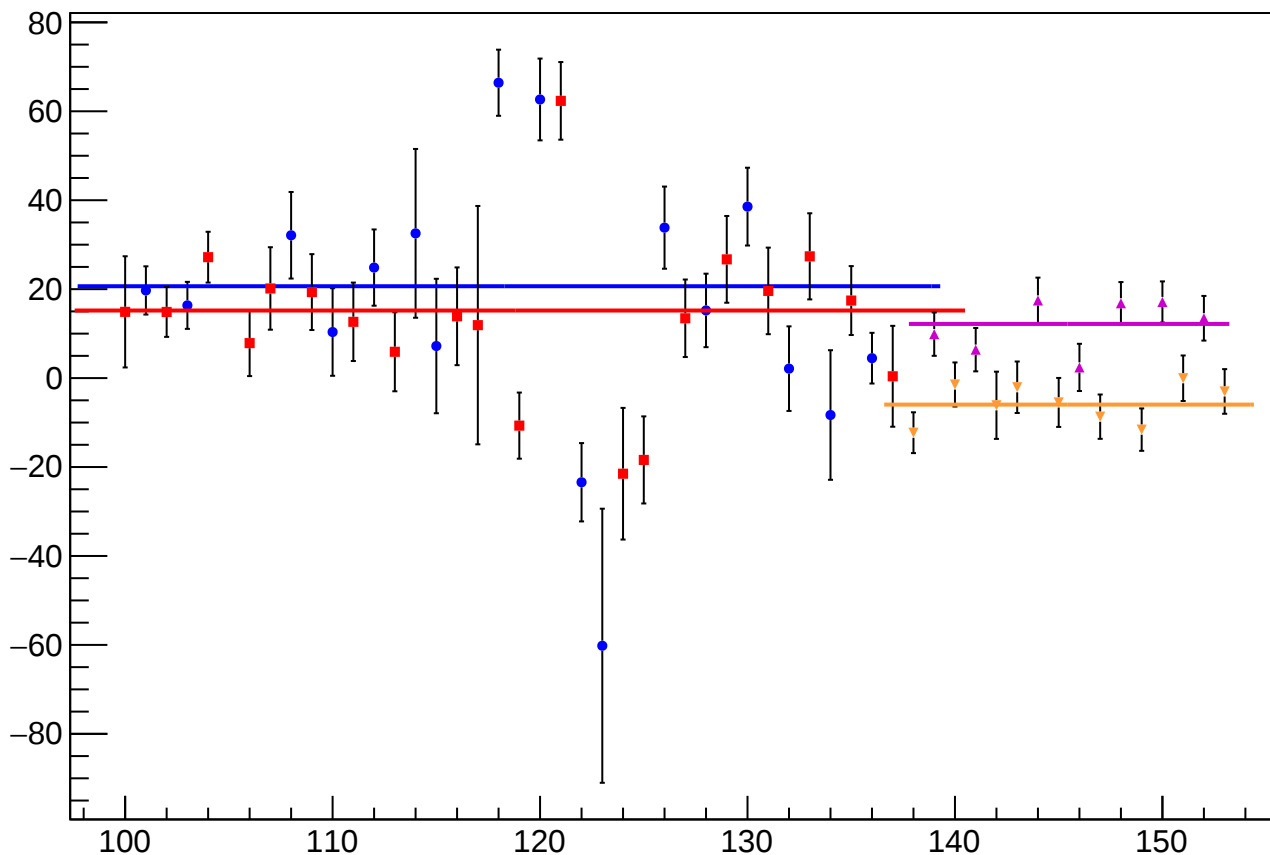
Left In: 80736.143+/-23.963 χ^2 /NDF: 36007.8/6

79779.557+/-15.560 χ^2 /NDF: 318597.9/25

79449.482+/-11.047 χ^2 /NDF: 610514.1/5

79114.016+/-15.687 χ^2 /NDF: 291009.0/26

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

Left Out: -5.958 $\pm$ 1.739 χ^2/NDF : 6.6/8

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

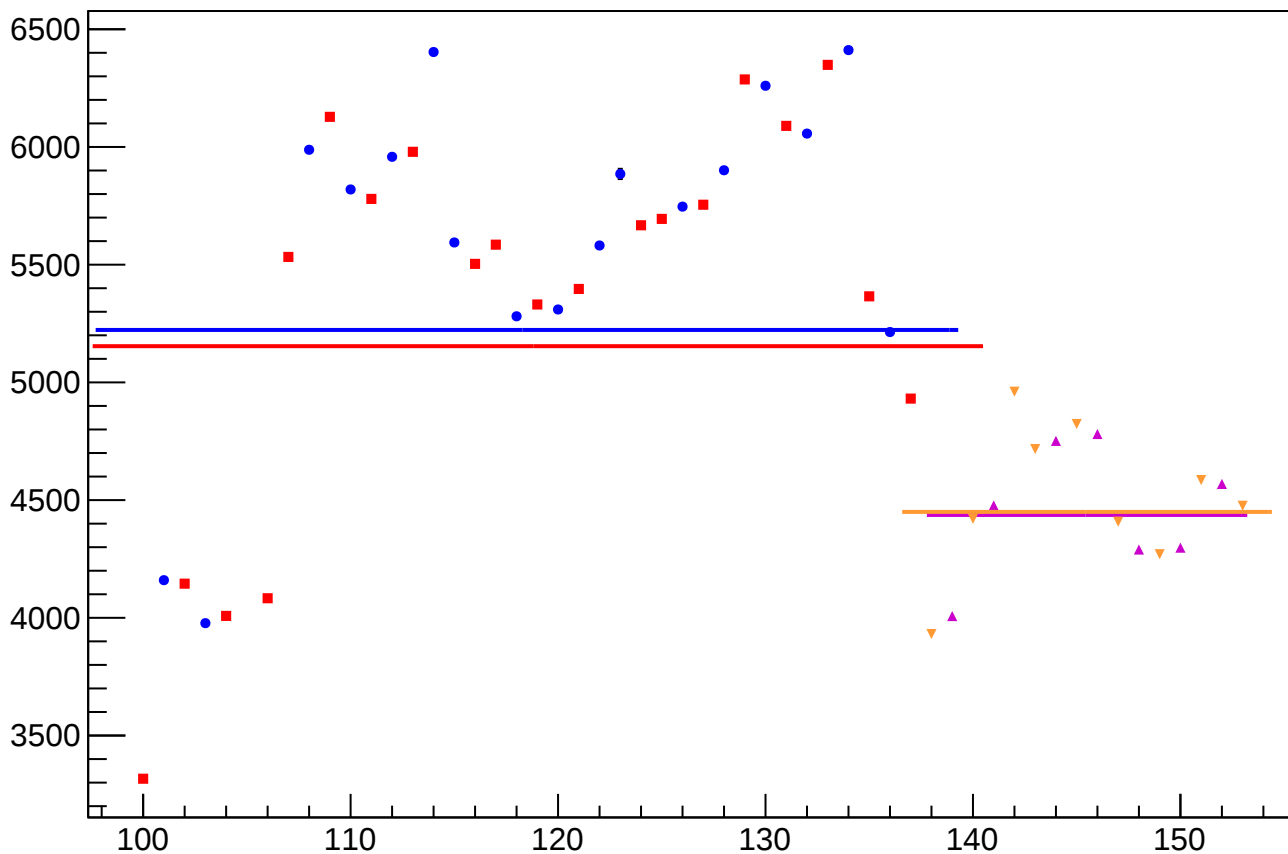
Left In: 12.179 $\pm$ 1.863 χ^2/NDF : 8.2/6

5.271 $\pm$ 1.322 χ^2/NDF : 223.1/25

9.368 $\pm$ 0.944 χ^2/NDF : 323.5/52

13.620 $\pm$ 1.347 χ^2/NDF : 80.8/26

diff_bpm0r05Y_rms vs Slug, Sign Corrected



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

Left Out: 4449.907 $\pm$ 1.230 χ^2 /NDF: 52634.6/8

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

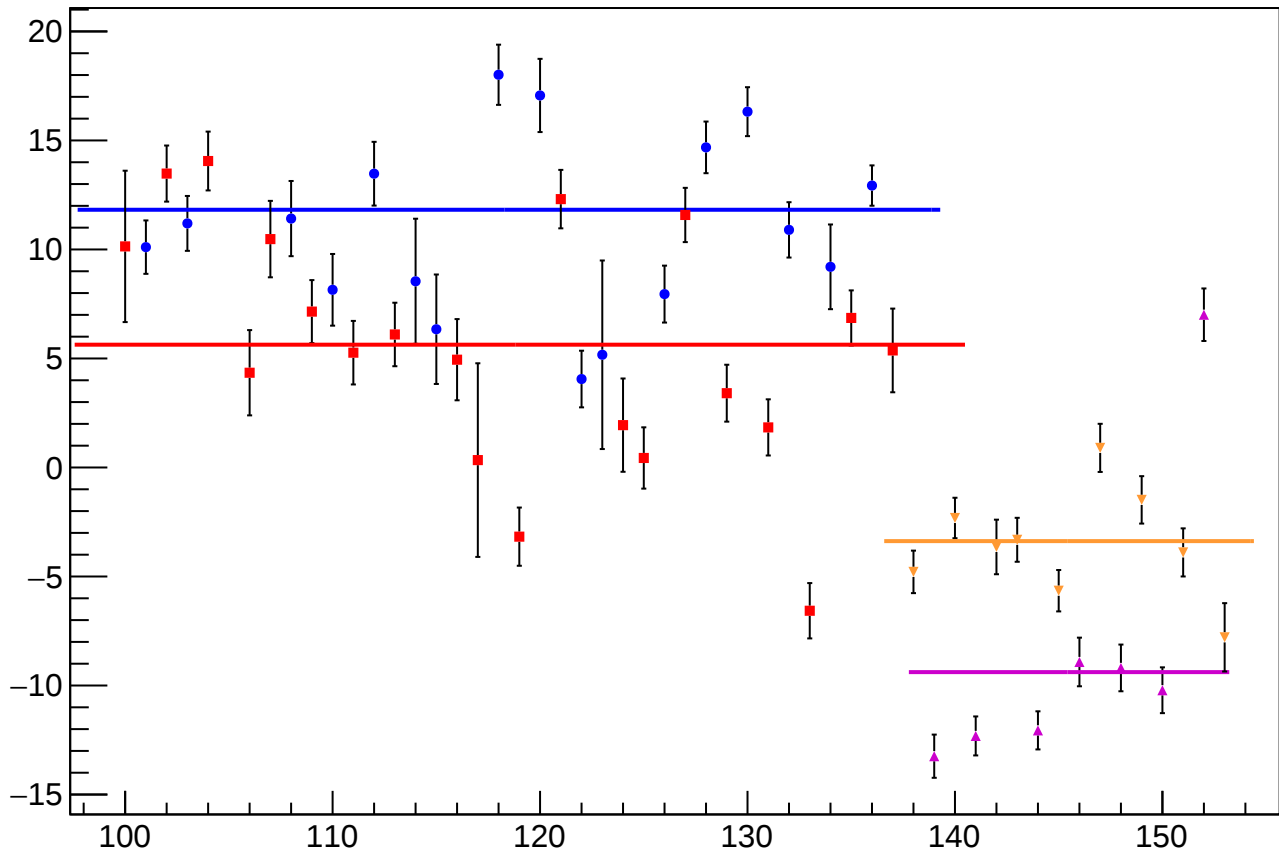
Left In: 4436.932 $\pm$ 1.318 χ^2 /NDF: 36671.8/6

4775.960 $\pm$ 0.935 χ^2 /NDF: 531760.2/25

4777.540 $\pm$ 0.667 χ^2 /NDF: 1097977.3/52

4779.179 $\pm$ 0.952 χ^2 /NDF: 566211.3/26

diff_bpm2i01X_mean vs Slug, Sign Corrected



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

Left Out: -3.377+/-0.357 χ^2/NDF : 35.4/8

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

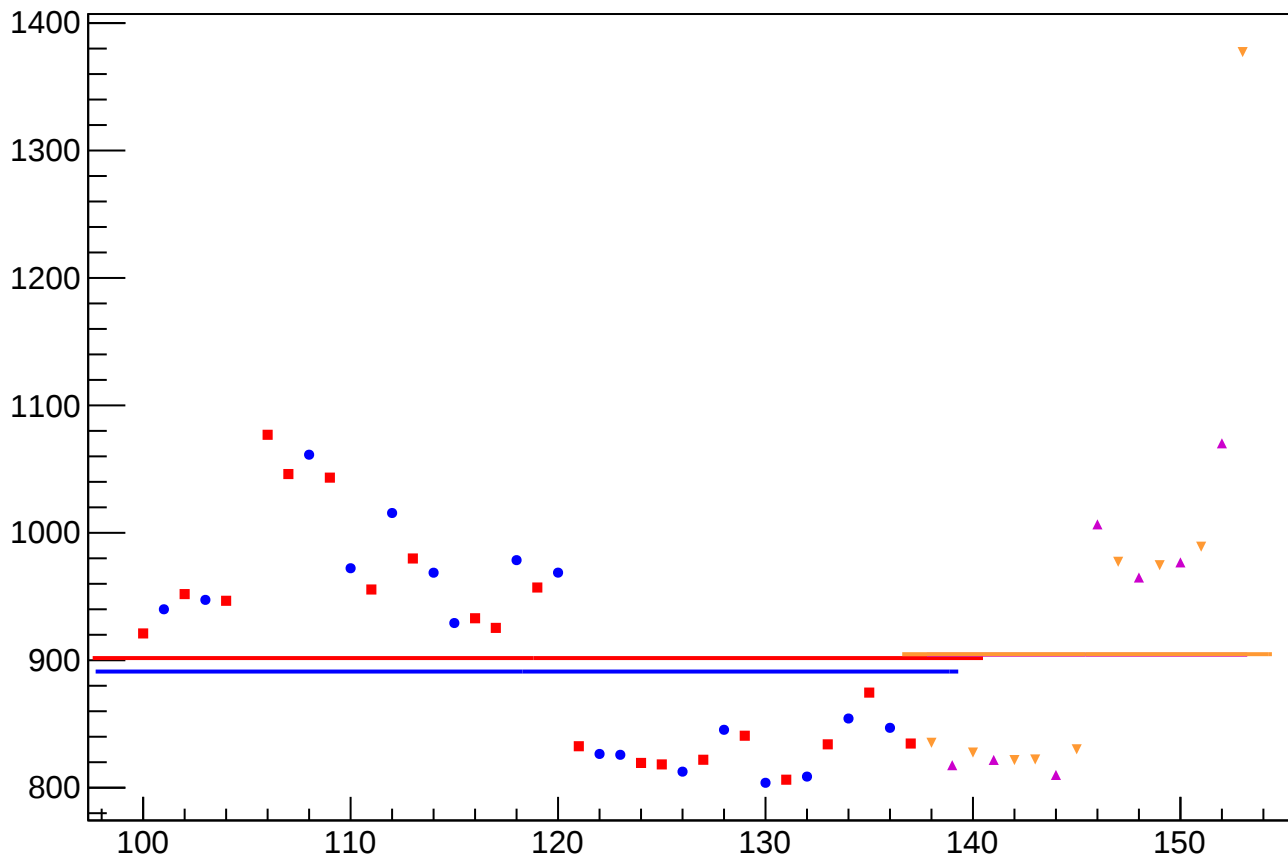
Left In: -9.386+/-0.382 χ^2/NDF : 221.2/6

4.495+/-0.248 χ^2/NDF : 1090.6/25

1.828+/-0.177 χ^2/NDF : 2717.3/52

-0.949+/-0.253 χ^2/NDF : 1390.5/26

diff_bpm2i01X_rms vs Slug, Sign Corrected



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

Left Out: 904.778+/-0.253 χ^2/NDF : 268876.8/8

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

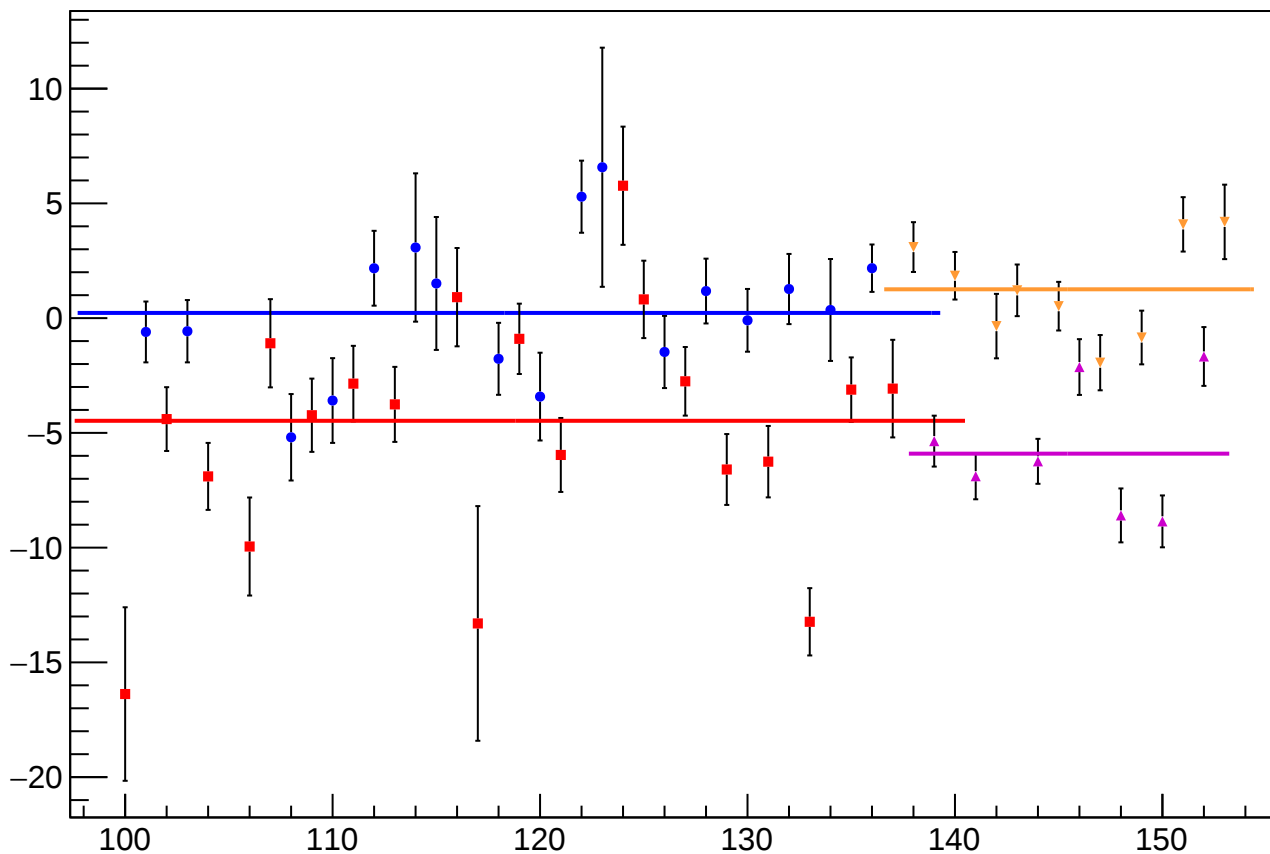
Left In: 904.366+/-0.270 χ^2/NDF : 126295.2/6

897.718+/-0.175 χ^2/NDF : 372044.7/25

900.249+/-0.125 χ^2/NDF : 613466.8/52

902.883+/-0.179 χ^2/NDF : 240996.9/26

diff_bpm2i01Y_mean vs Slug, Sign Corrected



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

Left Out: 1.256 ± 0.393 χ^2/NDF : 24.2/8

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

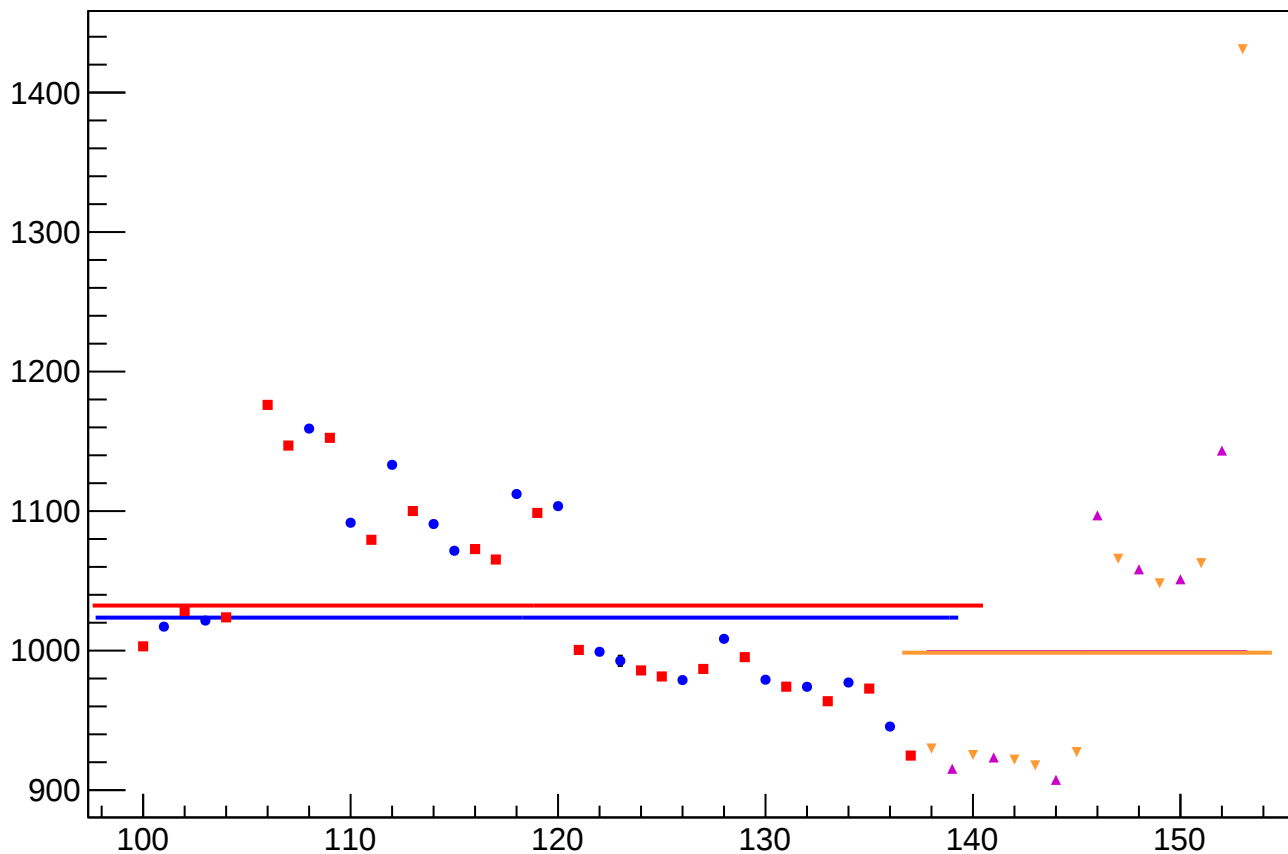
Left In: -5.905 ± 0.421 χ^2/NDF : 34.0/6

0.744 ± 0.279 χ^2/NDF : 66.2/25

-2.130 ± 0.199 χ^2/NDF : 430.3/52

-5.126 ± 0.284 χ^2/NDF : 146.6/26

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

Left Out: 998.518+/-0.278 χ^2/NDF : 201190.6/8

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

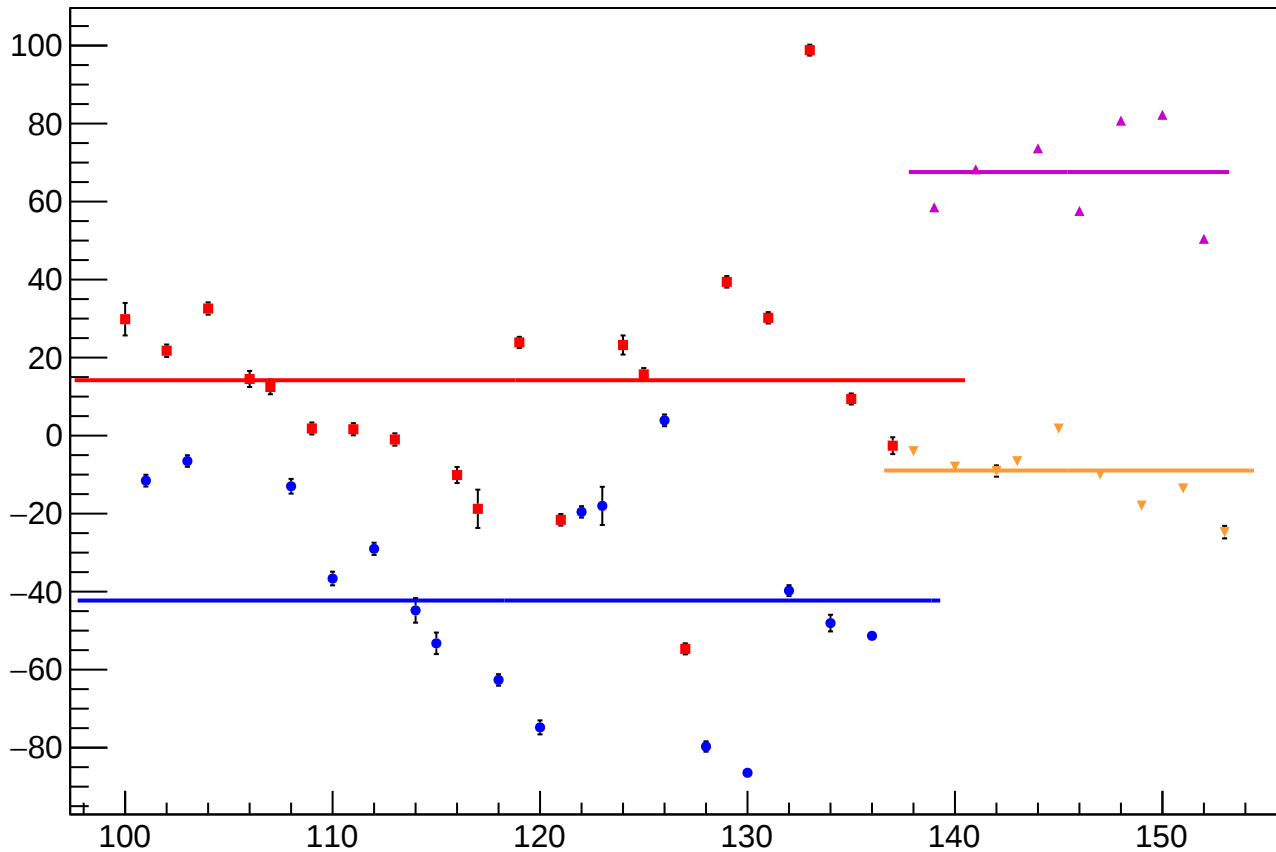
Left In: 998.954+/-0.298 χ^2/NDF : 87953.1/6

1011.018+/-0.197 χ^2/NDF : 257636.2/25

1013.990+/-0.141 χ^2/NDF : 412349.2/52

1017.088+/-0.201 χ^2/NDF : 154247.9/26

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

Left Out: -8.951 ± 0.404 $\chi^2/\text{NDF}: 284.4/8$

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

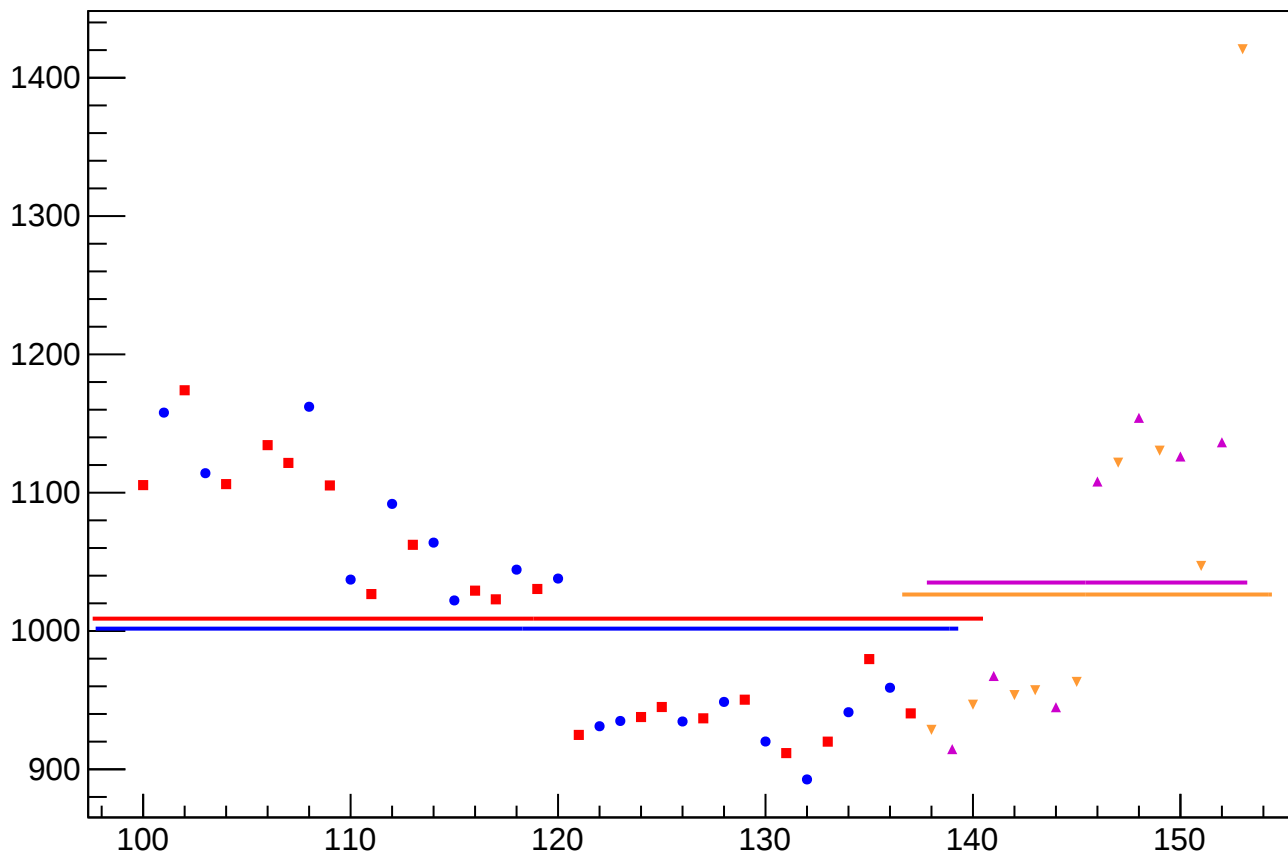
Left In: 67.575 ± 0.436 $\chi^2/\text{NDF}: 601.6/6$

-26.311 ± 0.279 $\chi^2/\text{NDF}: 8962.2/25$

4.679 ± 0.200 $\chi^2/\text{NDF}: 50981.9/52$

37.028 ± 0.285 $\chi^2/\text{NDF}: 16875.4/26$

diff_bpm2i02X_rms vs Slug, Sign Corrected



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

Left Out: 1026.381 $\pm$ 0.285 χ^2/NDF : 191102.9/8

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

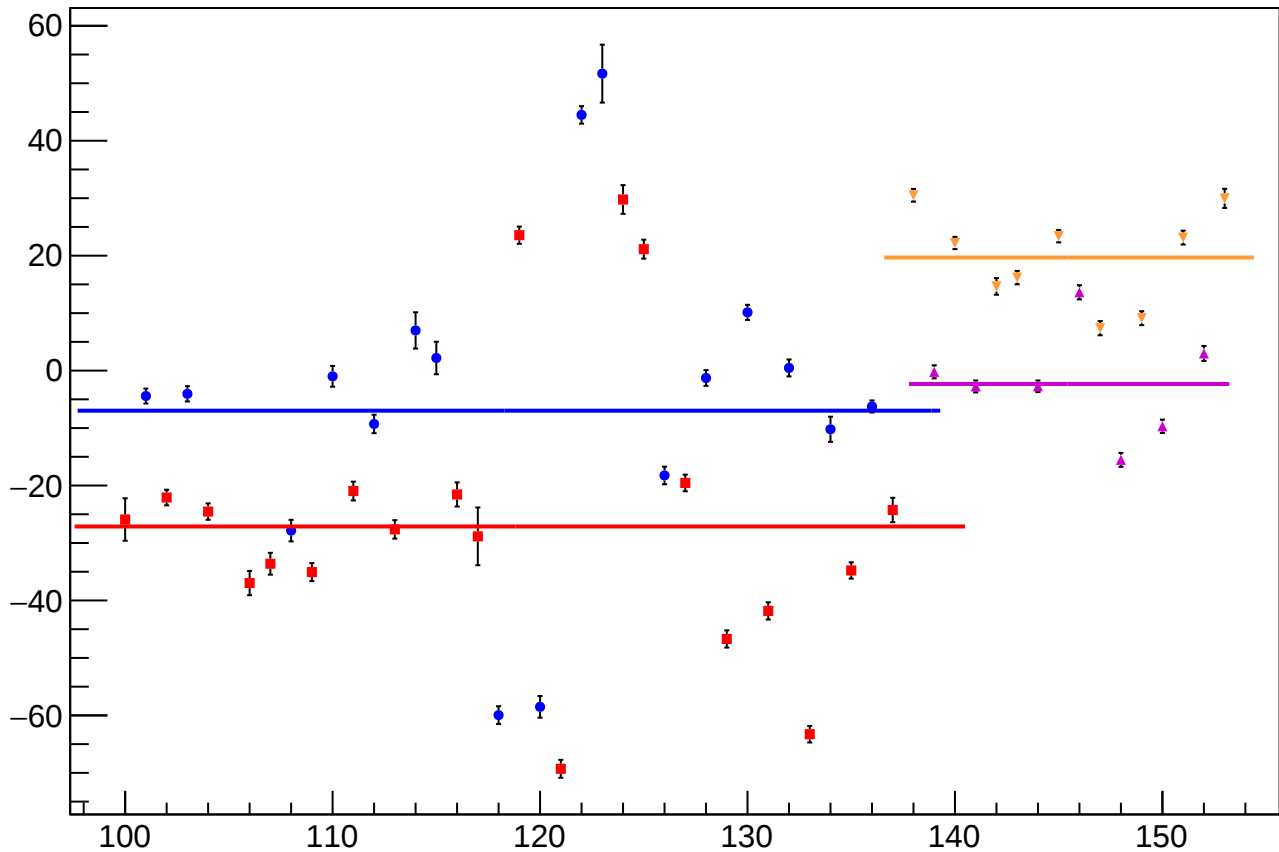
Left In: 1035.027 $\pm$ 0.309 χ^2/NDF : 95836.3/6

1013.528 $\pm$ 0.198 χ^2/NDF : 290475.8/25

1016.740 $\pm$ 0.141 χ^2/NDF : 486309.7/52

1020.092 $\pm$ 0.202 χ^2/NDF : 195293.7/26

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

Left Out: 19.675 ± 0.404 χ^2/NDF : 354.5/8

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

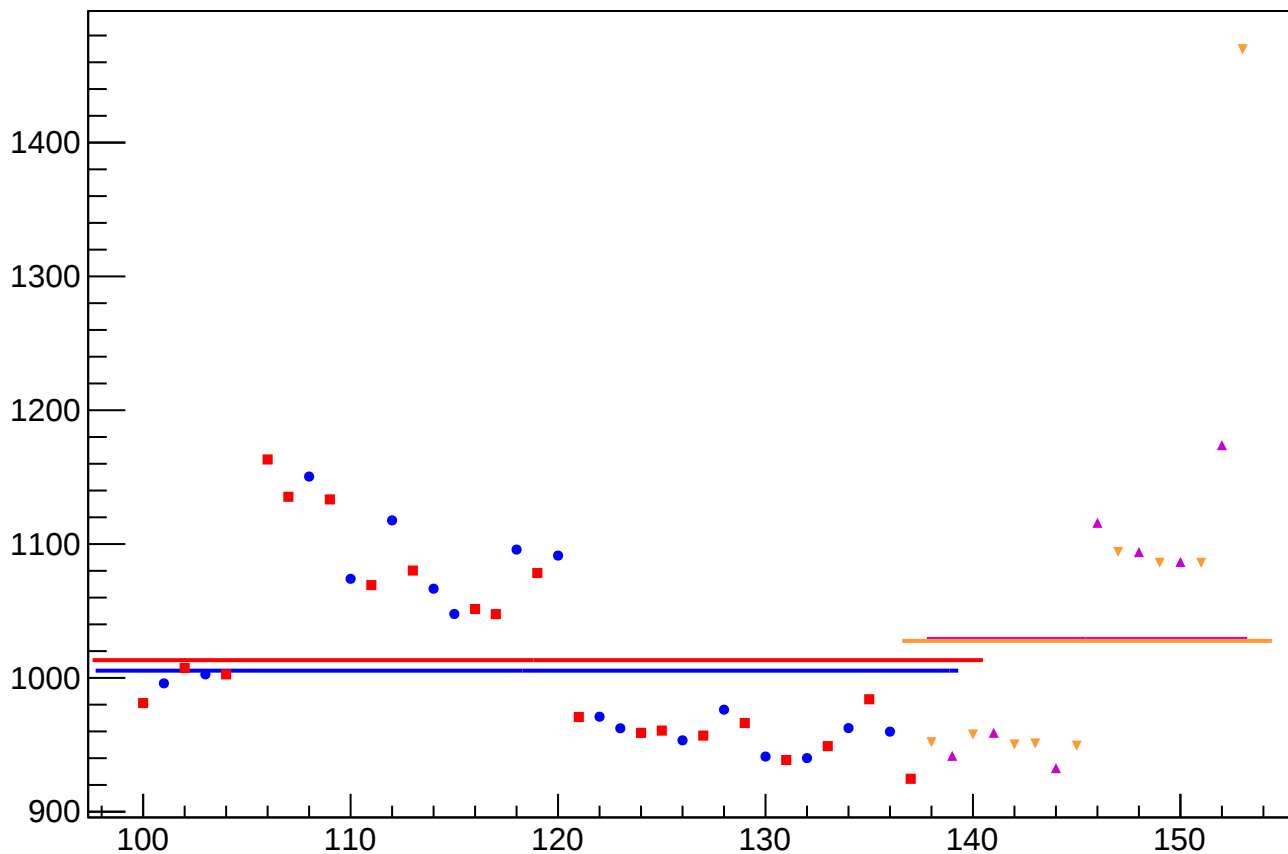
Left In: -2.327 ± 0.434 χ^2/NDF : 344.6/6

5.803 ± 0.280 χ^2/NDF : 6253.7/25

-5.093 ± 0.200 χ^2/NDF : 15826.0/52

-16.404 ± 0.285 χ^2/NDF : 6484.0/26

diff_bpm2i02Y_rms vs Slug, Sign Corrected



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

Left Out: 1027.676 +/- 0.286 χ^2/NDF : 198393.4/8

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

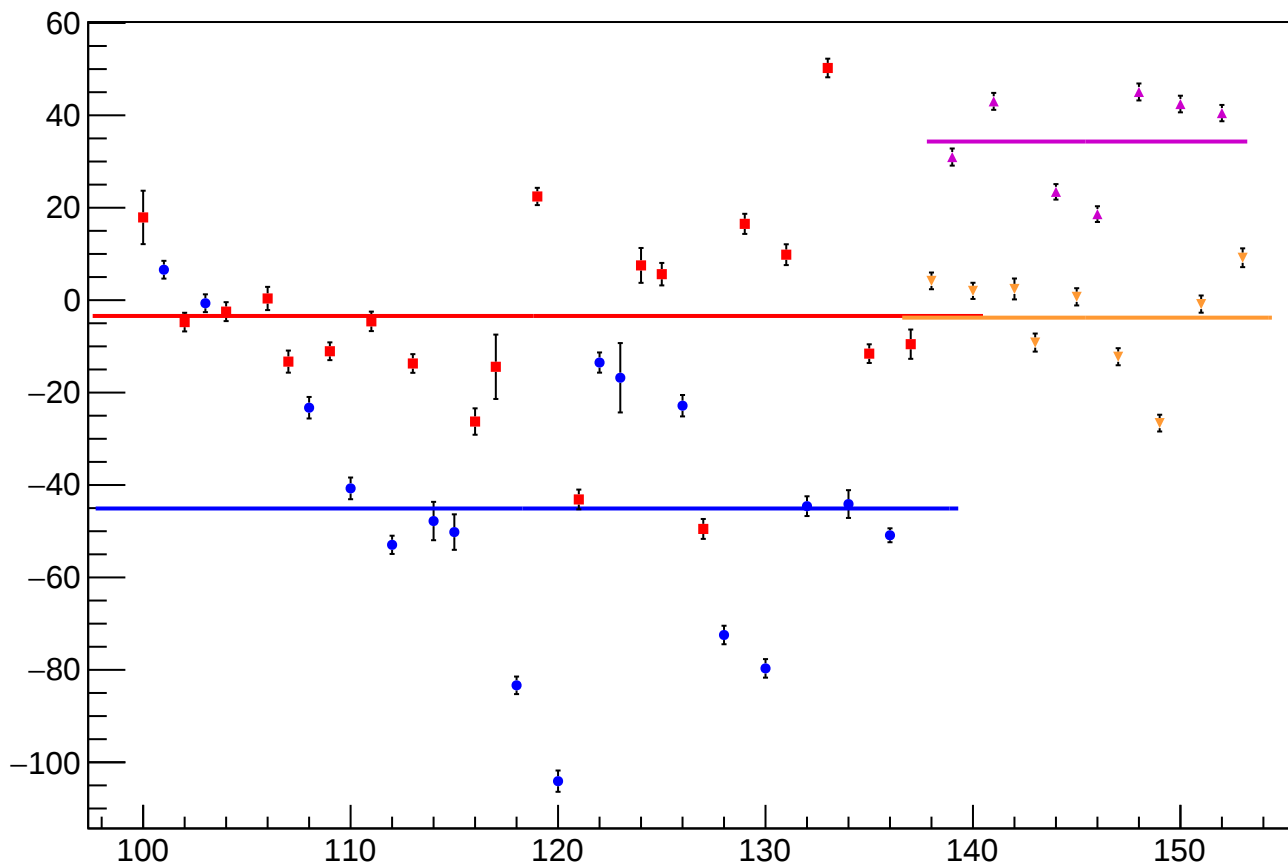
Left In: 1029.104 +/- 0.307 χ^2/NDF : 83799.2/6

1016.085 +/- 0.198 χ^2/NDF : 256138.3/25

1018.060 +/- 0.141 χ^2/NDF : 405015.3/52

1020.110 +/- 0.202 χ^2/NDF : 148674.1/26

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -45.081 $\pm$ 0.540 χ^2/NDF : 3238.1/16

Left Out: -3.785 $\pm$ 0.632 χ^2/NDF : 273.6/8

Right Out: -3.419 $\pm$ 0.520 χ^2/NDF : 2008.2/19

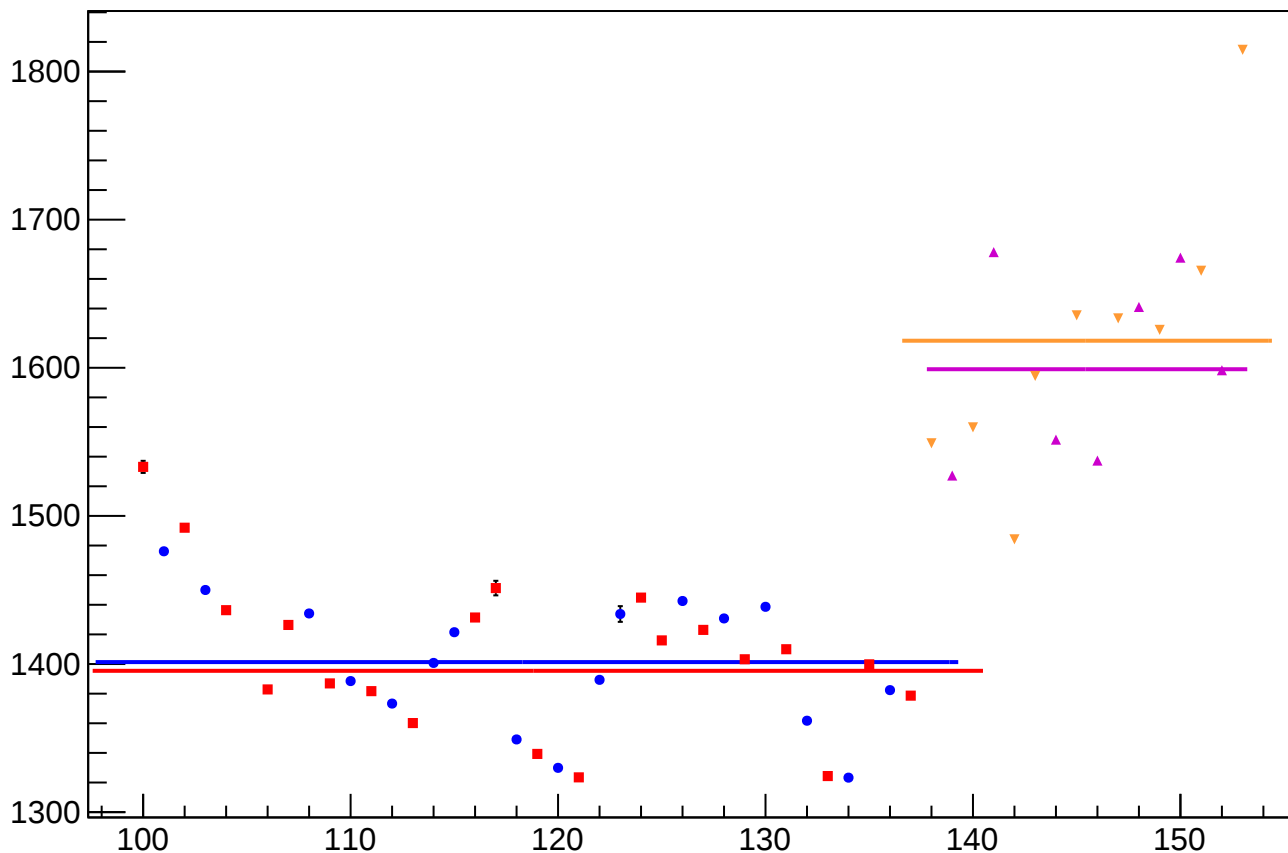
Left In: 34.323 $\pm$ 0.672 χ^2/NDF : 219.6/6

-27.659 $\pm$ 0.410 χ^2/NDF : 5981.7/25

-8.507 $\pm$ 0.291 χ^2/NDF : 14550.2/52

10.738 $\pm$ 0.411 χ^2/NDF : 4201.3/26

diff_bpm0i02X_rms vs Slug, Sign Corrected



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

Left Out: 1618.272 +/- 0.447 χ^2/NDF : 32778.0/8

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

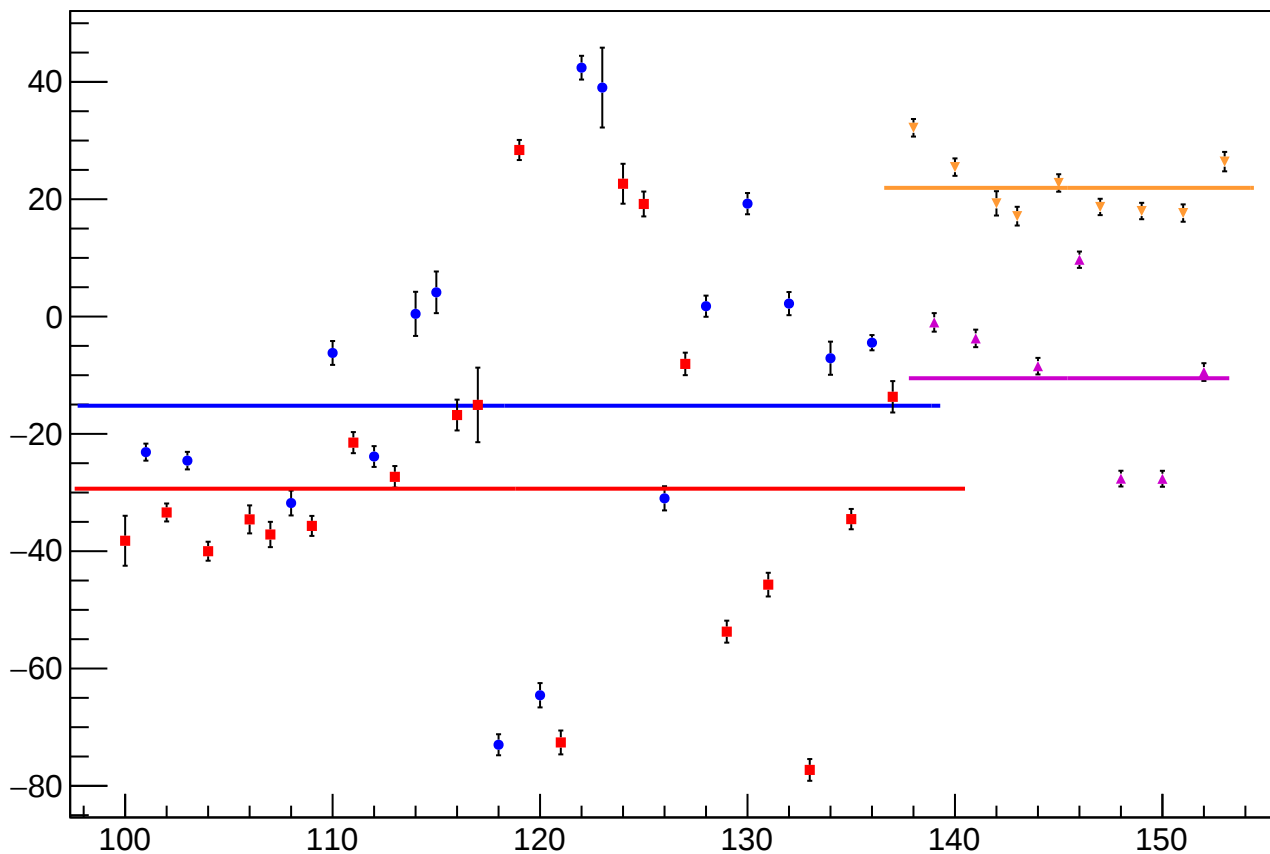
Left In: 1599.026 +/- 0.475 χ^2/NDF : 15512.3/6

1492.842 +/- 0.290 χ^2/NDF : 181996.2/25

1482.342 +/- 0.205 χ^2/NDF : 330641.9/52

1471.792 +/- 0.291 χ^2/NDF : 146020.8/26

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

Left Out: 21.938 ± 0.511 χ^2/NDF : 92.6/8

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

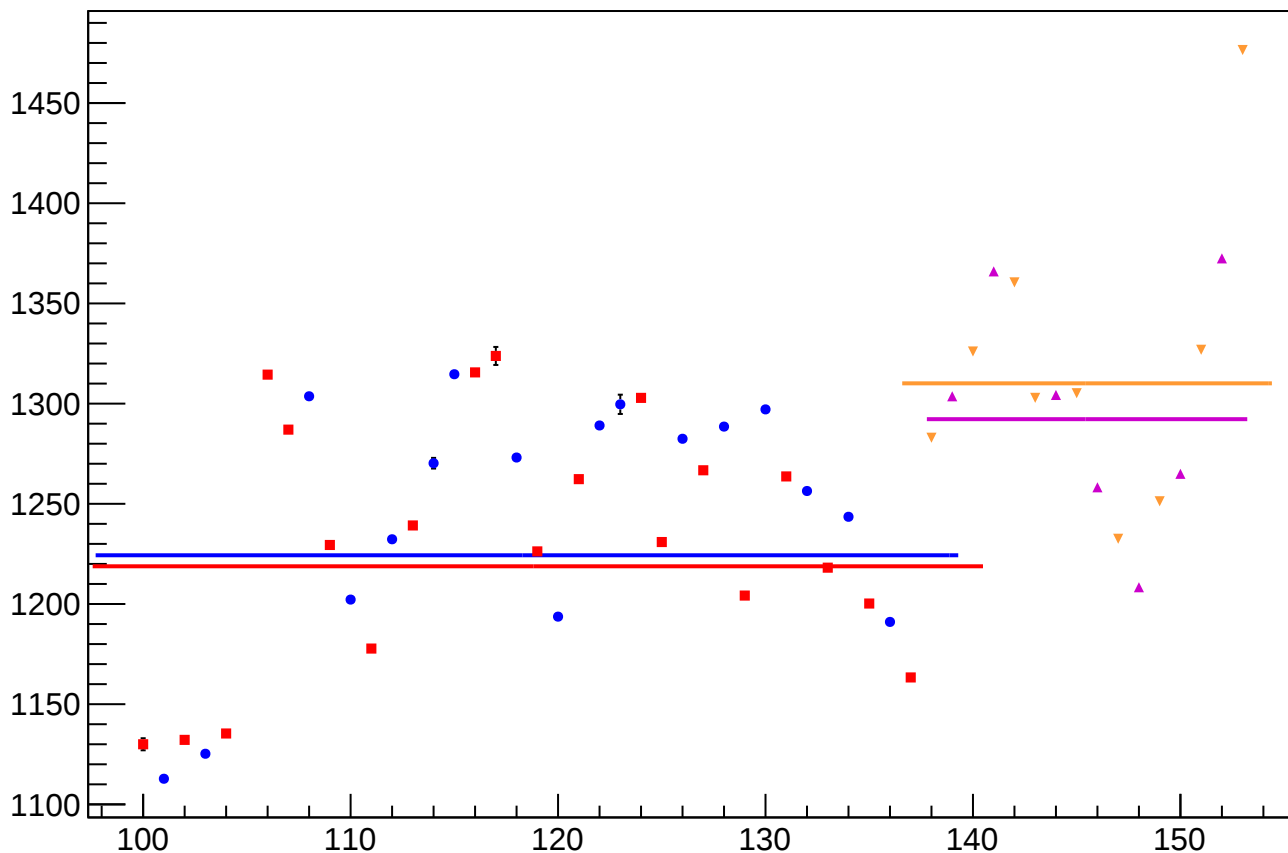
Left In: -10.515 ± 0.542 χ^2/NDF : 591.7/6

1.889 ± 0.347 χ^2/NDF : 6302.9/25

-9.781 ± 0.246 χ^2/NDF : 13426.7/52

-21.563 ± 0.349 χ^2/NDF : 4849.2/26

diff_bpm0i02Y_rms vs Slug, Sign Corrected



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

Left Out: 1310.120+/-0.362 χ^2/NDF : 32356.4/8

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

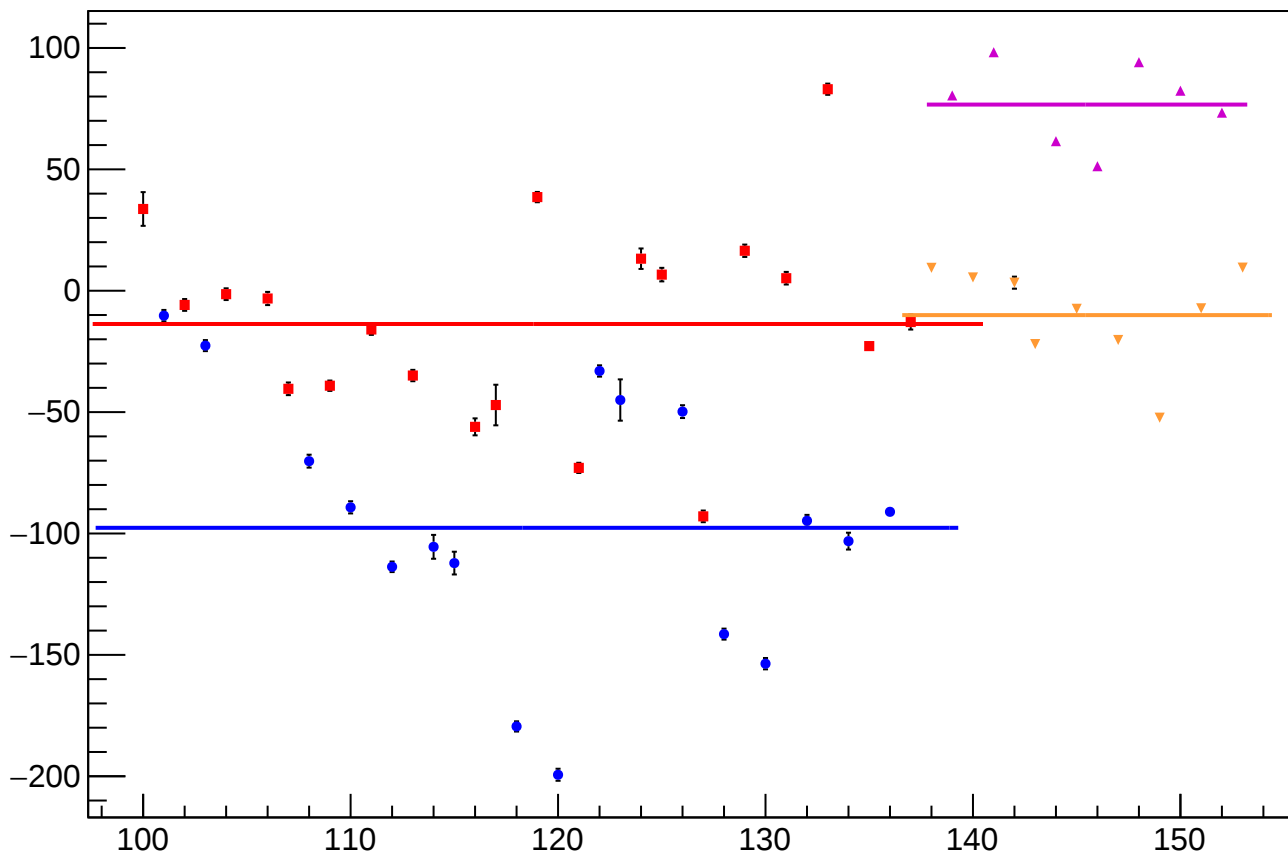
Left In: 1292.241+/-0.383 χ^2/NDF : 20590.4/6

1263.804+/-0.245 χ^2/NDF : 101532.4/25

1256.517+/-0.174 χ^2/NDF : 173538.8/52

1249.160+/-0.246 χ^2/NDF : 70232.7/26

diff_bpm0i02aX_mean vs Slug, Sign Corrected



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

Left Out: -10.041+/-0.638 χ^2/NDF : 911.8/8

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

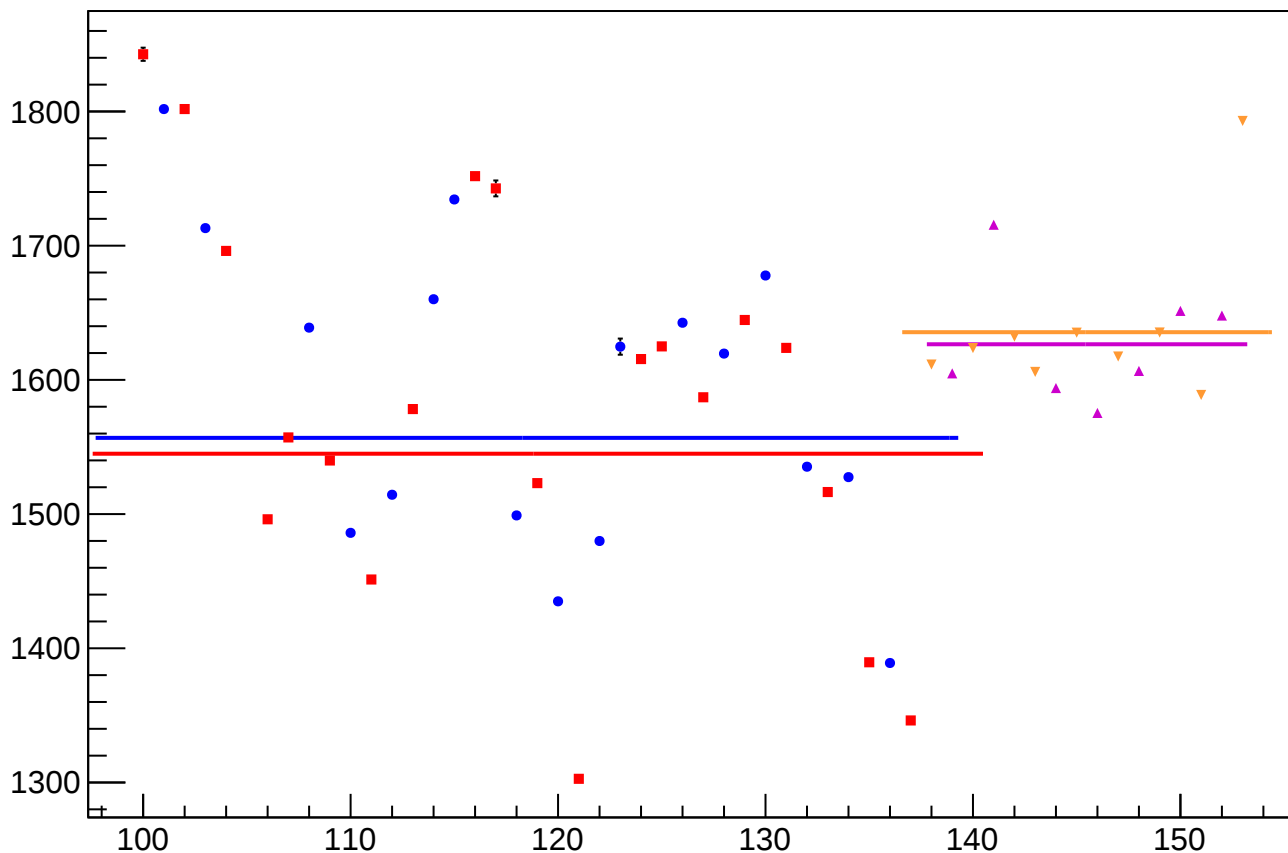
Left In: 76.685+/-0.682 χ^2/NDF : 533.7/6

-56.461+/-0.438 χ^2/NDF : 18830.8/25

-16.510+/-0.311 χ^2/NDF : 51514.9/52

24.057+/-0.441 χ^2/NDF : 15892.6/26

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

Left Out: 1635.543 $\pm$ 0.451 χ^2 /NDF:14696.9/8

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

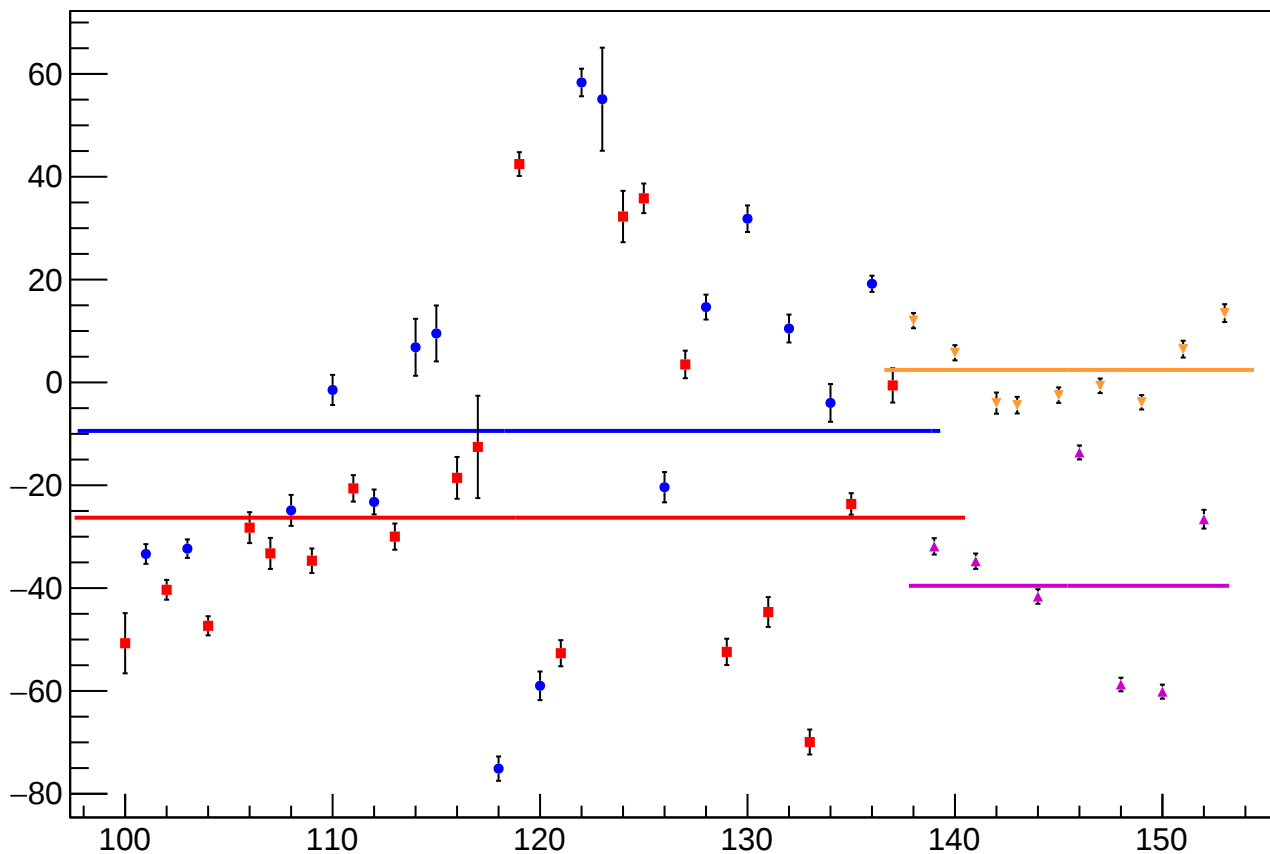
Left In: 1626.542 $\pm$ 0.483 χ^2 /NDF:8124.2/6

1593.824 $\pm$ 0.309 χ^2 /NDF: 112372.2/25

1586.494 $\pm$ 0.220 χ^2 /NDF: 239886.7/52

1579.052 $\pm$ 0.312 χ^2 /NDF: 126384.1/26

diff_bpm0i02aY_mean vs Slug, Sign Corrected



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

Left Out: 2.432+/-0.521 χ^2/NDF : 156.5/8

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

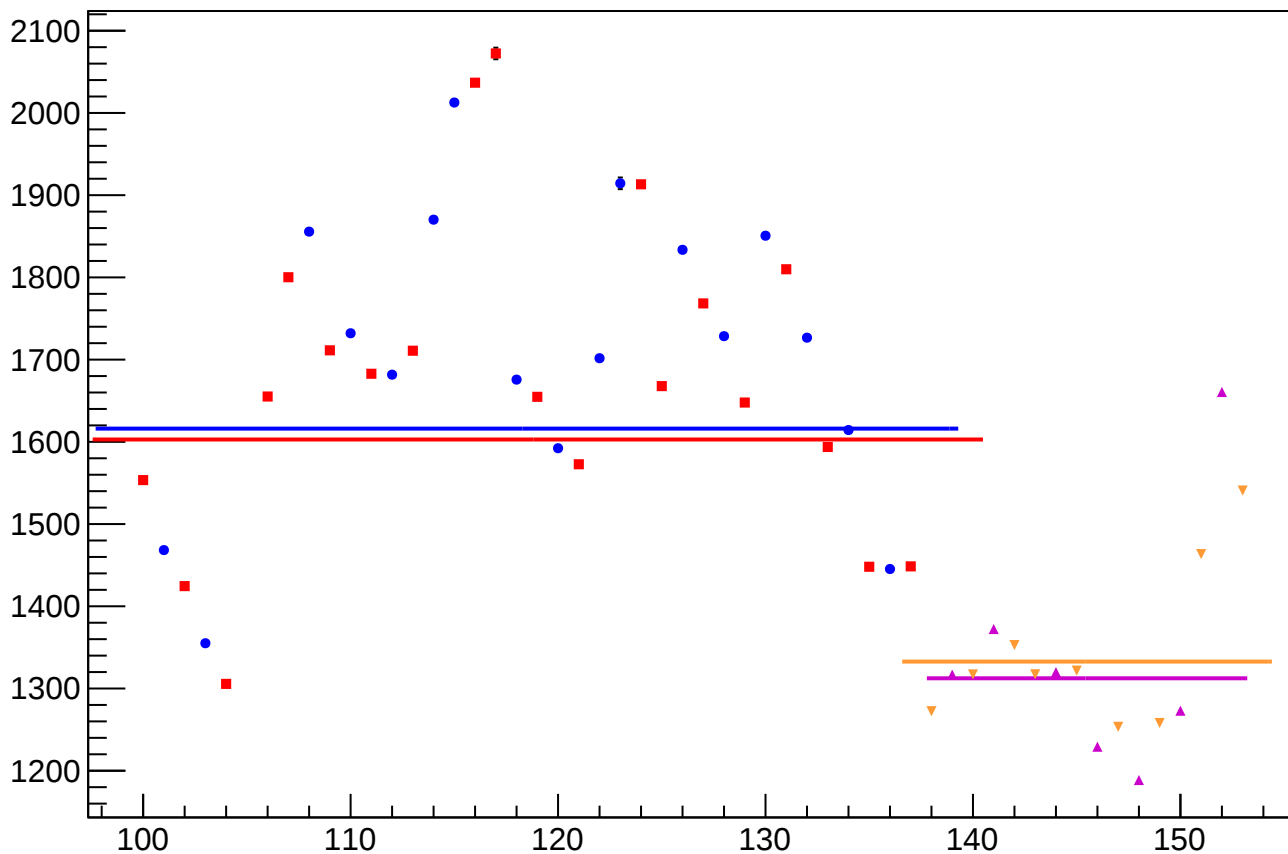
Left In: -39.550+/-0.553 χ^2/NDF : 885.2/6

-2.420+/-0.401 χ^2/NDF : 3292.3/25

-17.710+/-0.286 χ^2/NDF : 9873.0/52

-33.488+/-0.407 χ^2/NDF : 3622.0/26

diff_bpm0i02aY_rms vs Slug, Sign Corrected



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

Left Out: 1332.734 +/- 0.369 χ^2/NDF : 57381.6/8

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

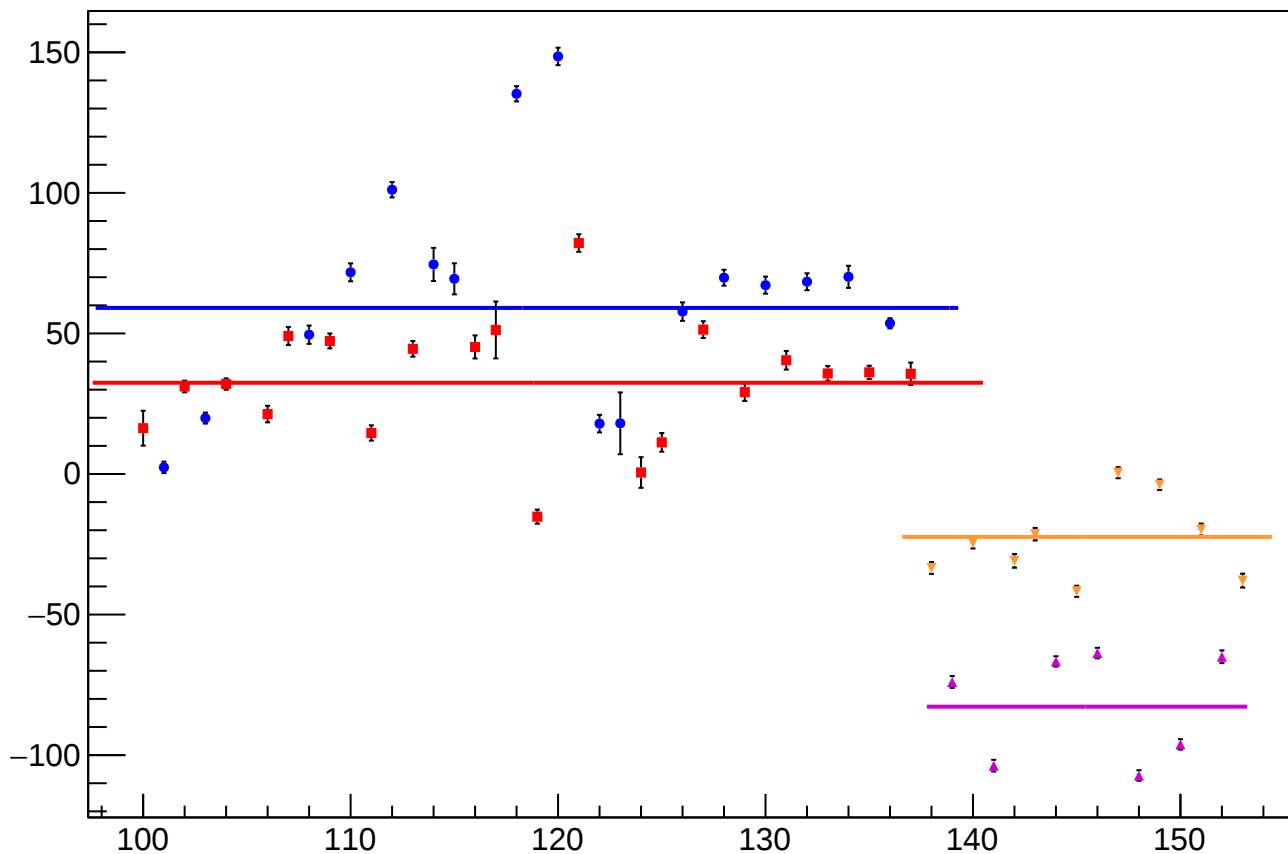
Left In: 1312.411 +/- 0.391 χ^2/NDF : 102717.9/6

1448.668 +/- 0.283 χ^2/NDF : 448753.2/25

1447.026 +/- 0.202 χ^2/NDF : 962414.6/52

1445.332 +/- 0.288 χ^2/NDF : 513593.2/26

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

Left Out: -22.376 $\pm$ 0.701 χ^2 /NDF: 411.3/8

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

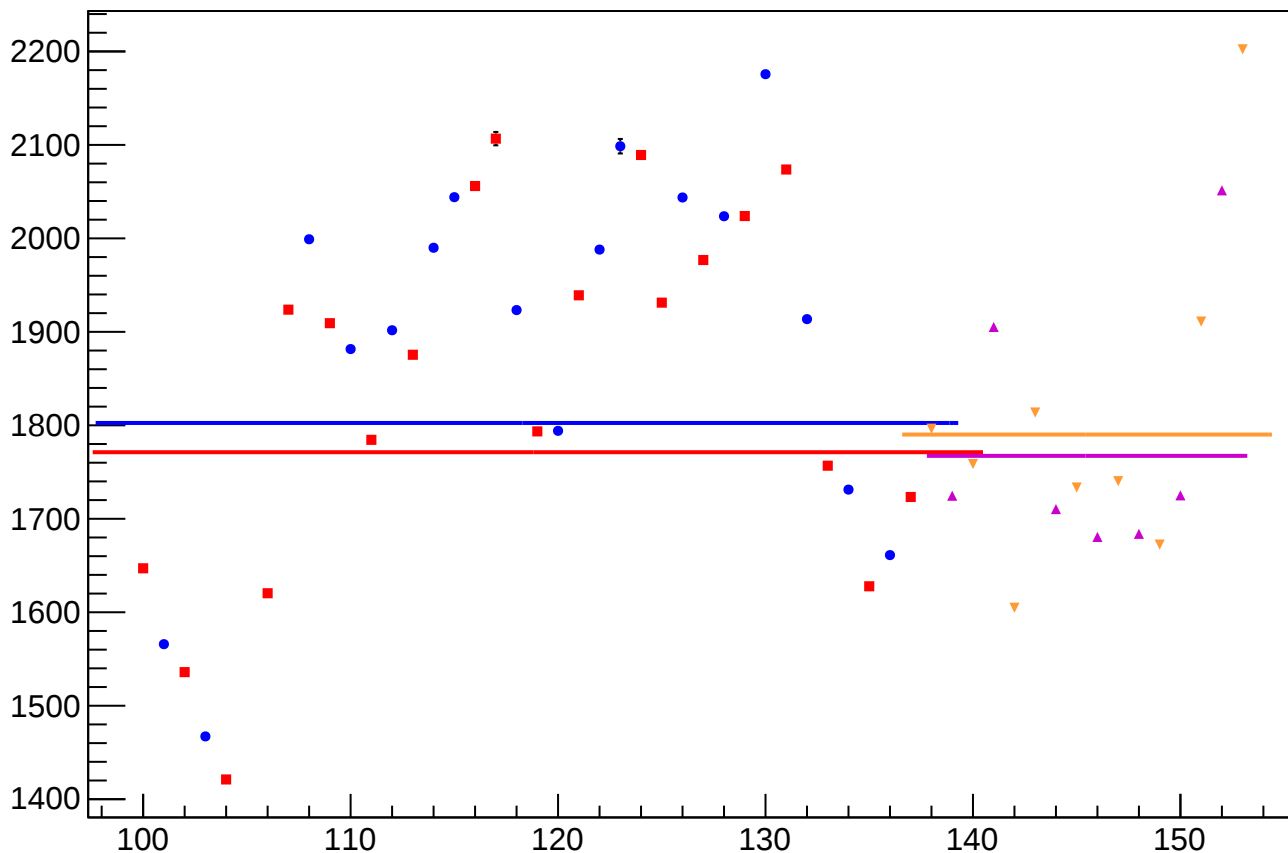
Left In: -82.764 $\pm$ 0.743 χ^2 /NDF: 584.0/6

18.450 $\pm$ 0.495 χ^2 /NDF: 10469.8/25

-0.139 $\pm$ 0.350 χ^2 /NDF: 28115.4/52

-18.762 $\pm$ 0.496 χ^2 /NDF: 14824.6/26

diff_bpm0i05X_rms vs Slug, Sign Corrected



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

Left Out: 1790.109 ± 0.496 χ^2/NDF : 85079.5/8

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

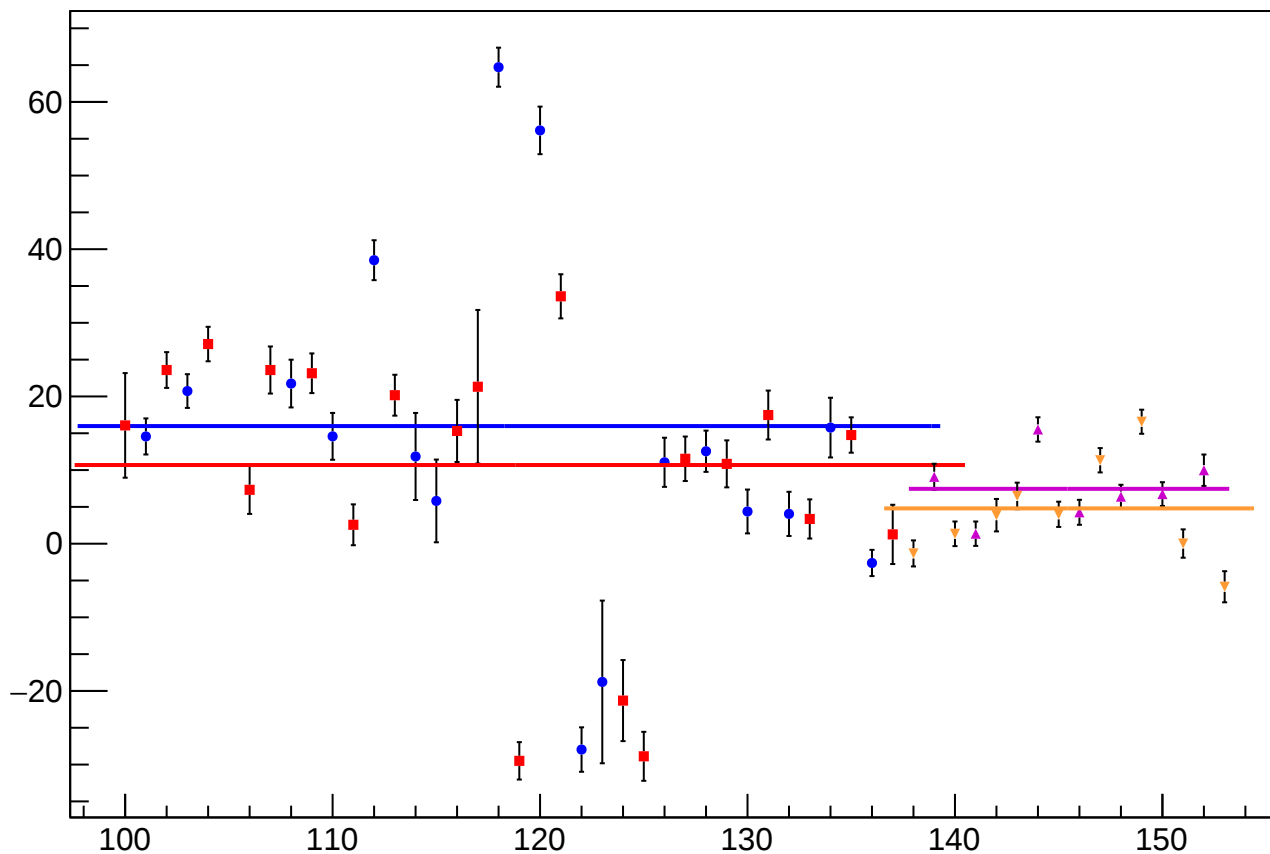
Left In: 1767.341 ± 0.526 χ^2/NDF : 52404.3/6

1796.331 ± 0.350 χ^2/NDF : 269462.8/25

1782.928 ± 0.248 χ^2/NDF : 504932.3/52

1769.500 ± 0.350 χ^2/NDF : 232536.3/26

diff_bpm0i05Y_mean vs Slug, Sign Corrected



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

Left Out: 4.794+/-0.601 χ^2/NDF : 116.4/8

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

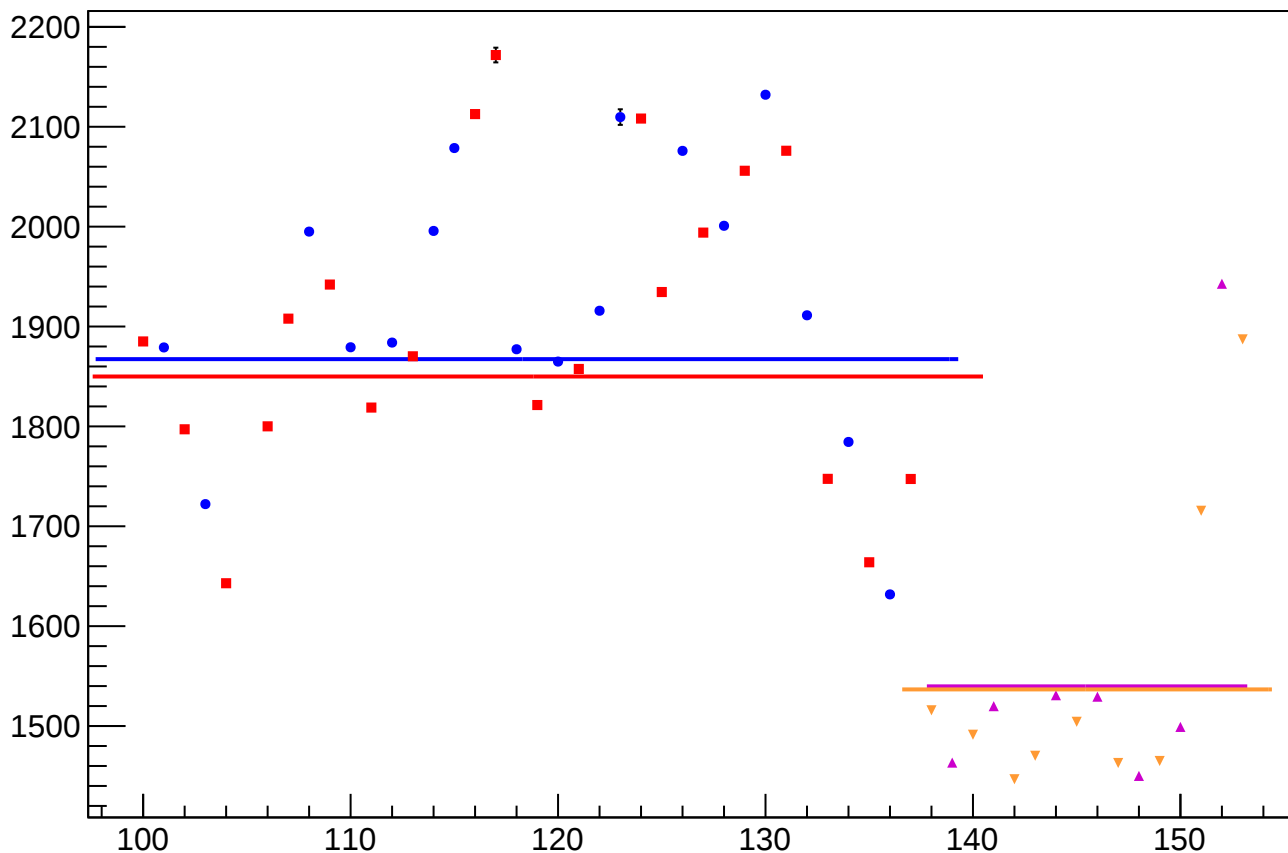
Left In: 7.453+/-0.648 χ^2/NDF : 43.7/6

9.378+/-0.462 χ^2/NDF : 1196.5/25

9.175+/-0.330 χ^2/NDF : 1895.3/52

8.962+/-0.473 χ^2/NDF : 698.5/26

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

Left Out: 1536.659 +/- 0.425 χ^2/NDF : 88535.4/8

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

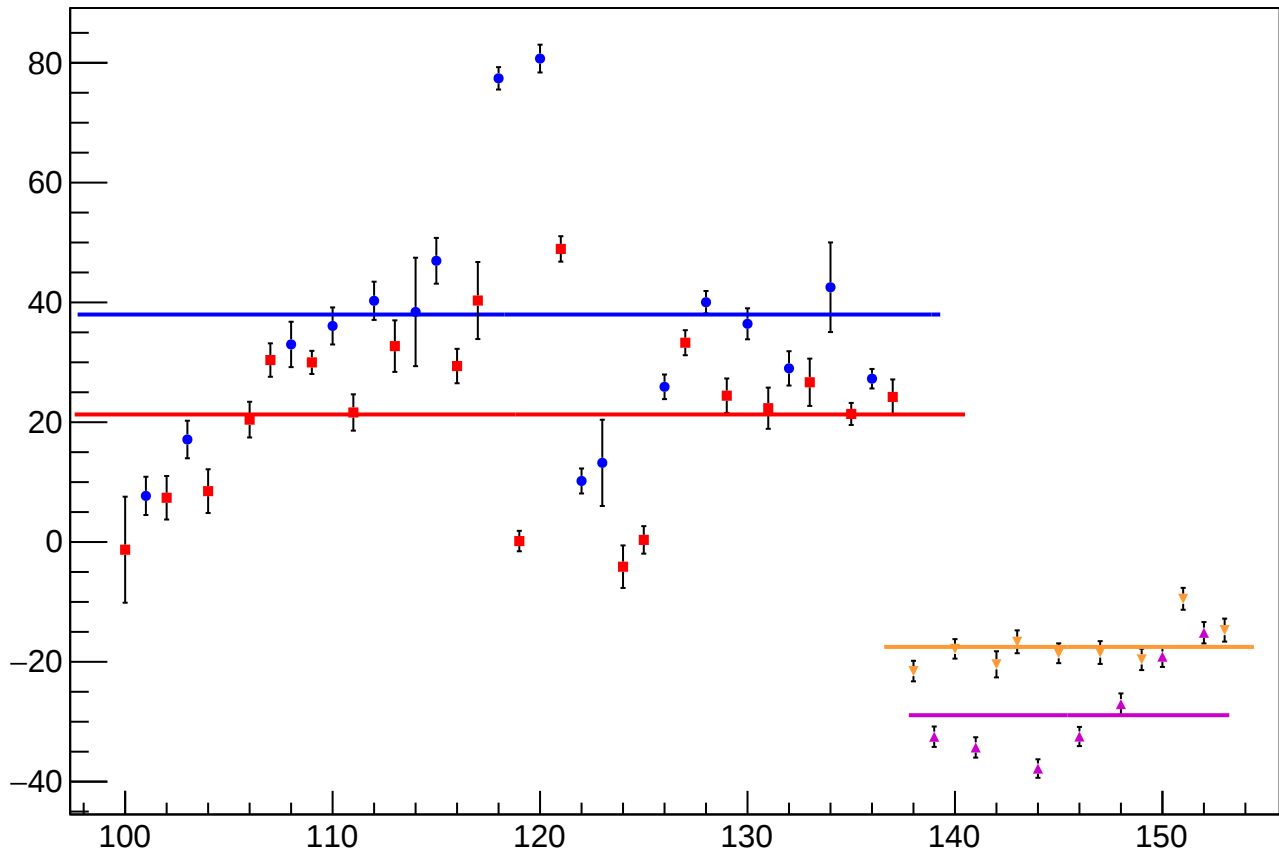
Left In: 1539.707 +/- 0.458 χ^2/NDF : 82876.2/6

1672.224 +/- 0.327 χ^2/NDF : 417273.5/25

1678.275 +/- 0.234 χ^2/NDF : 789652.0/52

1684.611 +/- 0.334 χ^2/NDF : 371676.2/26

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 37.979 ± 0.637 $\chi^2/\text{NDF}: 1204.3/16$

Left Out: -17.513 ± 0.606 $\chi^2/\text{NDF}: 30.9/8$

Right Out: 21.294 ± 0.606 $\chi^2/\text{NDF}: 582.5/19$

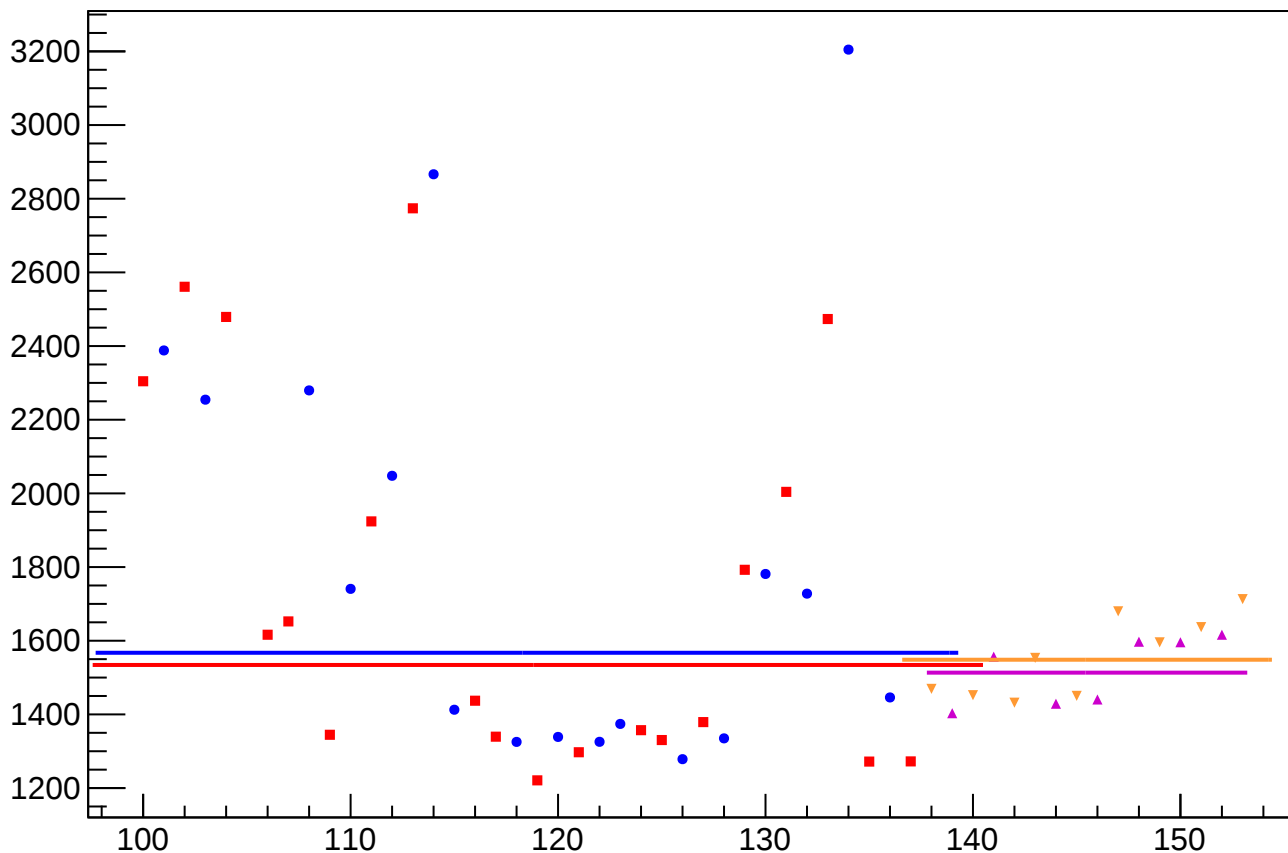
Left In: -28.912 ± 0.636 $\chi^2/\text{NDF}: 145.8/6$

8.825 ± 0.439 $\chi^2/\text{NDF}: 5217.6/25$

3.123 ± 0.310 $\chi^2/\text{NDF}: 9549.3/52$

-2.570 ± 0.439 $\chi^2/\text{NDF}: 3994.7/26$

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1567.328 $\pm$ 0.451 χ^2 /NDF: 673450.6/16

Left Out: 1548.442 $\pm$ 0.428 χ^2 /NDF: 54289.3/8

Right Out: 1534.225 $\pm$ 0.428 χ^2 /NDF: 883947.6/19

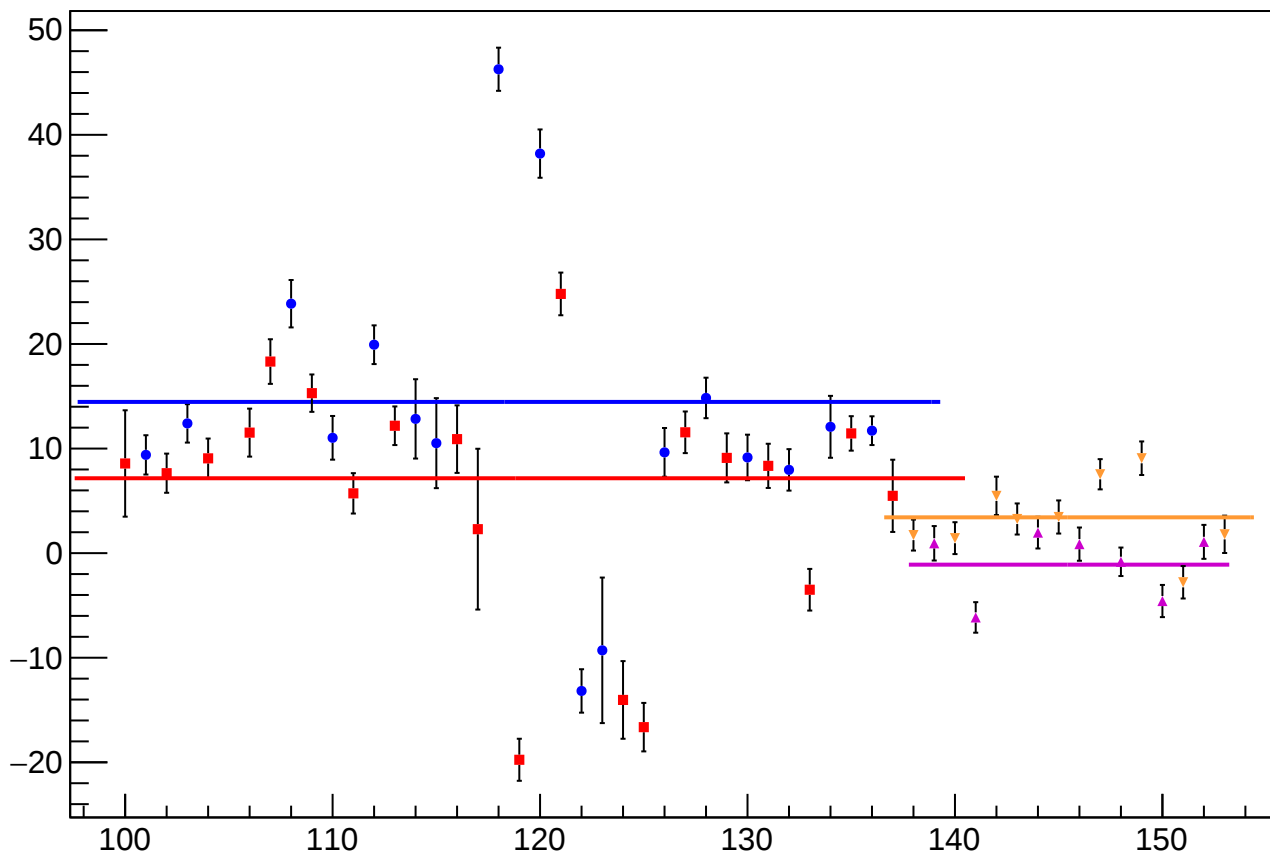
Left In: 1513.357 $\pm$ 0.450 χ^2 /NDF: 35517.7/6

1557.406 $\pm$ 0.310 χ^2 /NDF: 728662.6/25

1540.841 $\pm$ 0.219 χ^2 /NDF: 1654944.2/52

1524.306 $\pm$ 0.310 χ^2 /NDF: 920594.0/26

diff_bpm0i07Y_mean vs Slug, Sign Corrected



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

Left Out: 3.424 ± 0.525 χ^2/NDF : 41.6/8

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

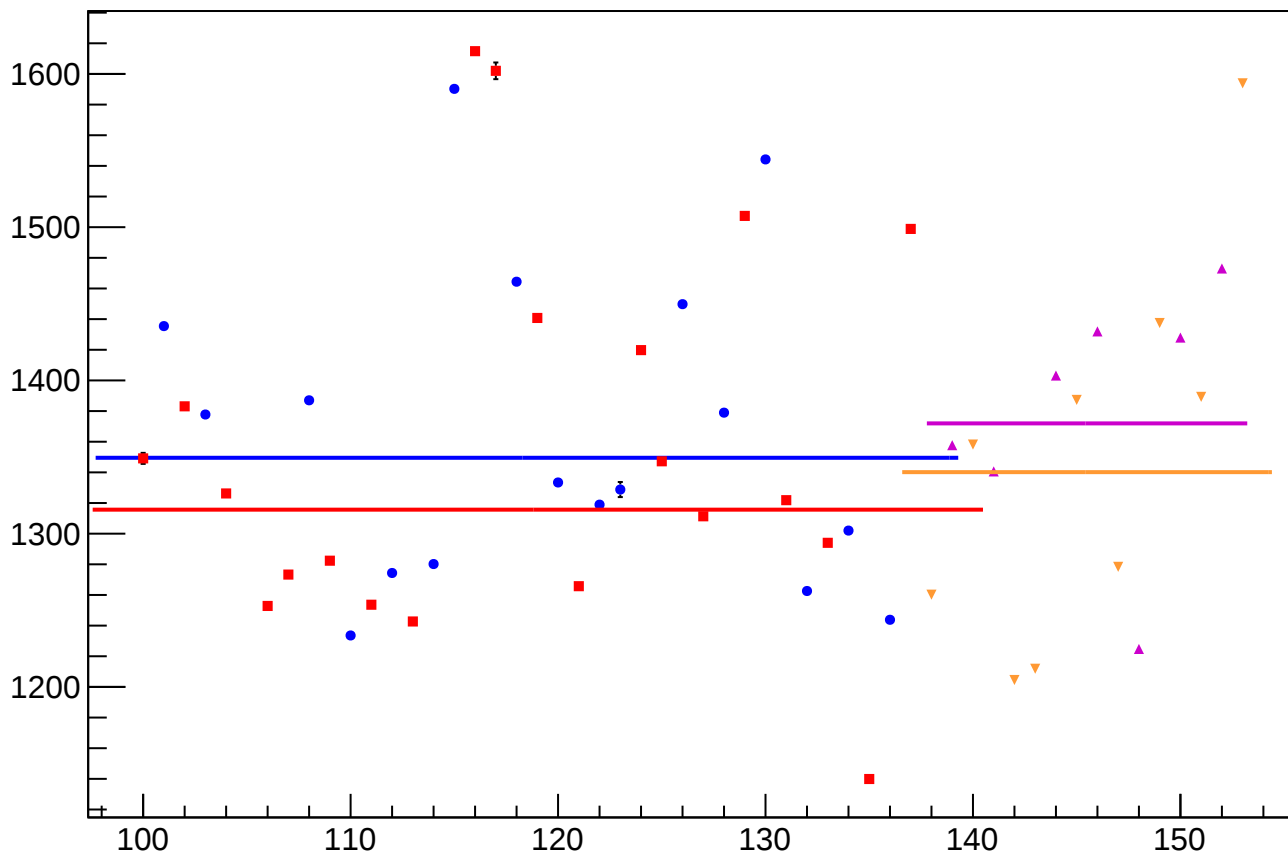
Left In: -1.101 ± 0.576 χ^2/NDF : 26.0/6

8.960 ± 0.371 χ^2/NDF : 859.4/25

6.344 ± 0.264 χ^2/NDF : 1600.8/52

3.668 ± 0.375 χ^2/NDF : 640.7/26

diff_bpm0i07Y_rms vs Slug, Sign Corrected



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

Left Out: 1340.150 $\pm$ 0.371 χ^2 /NDF: 87063.4/8

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

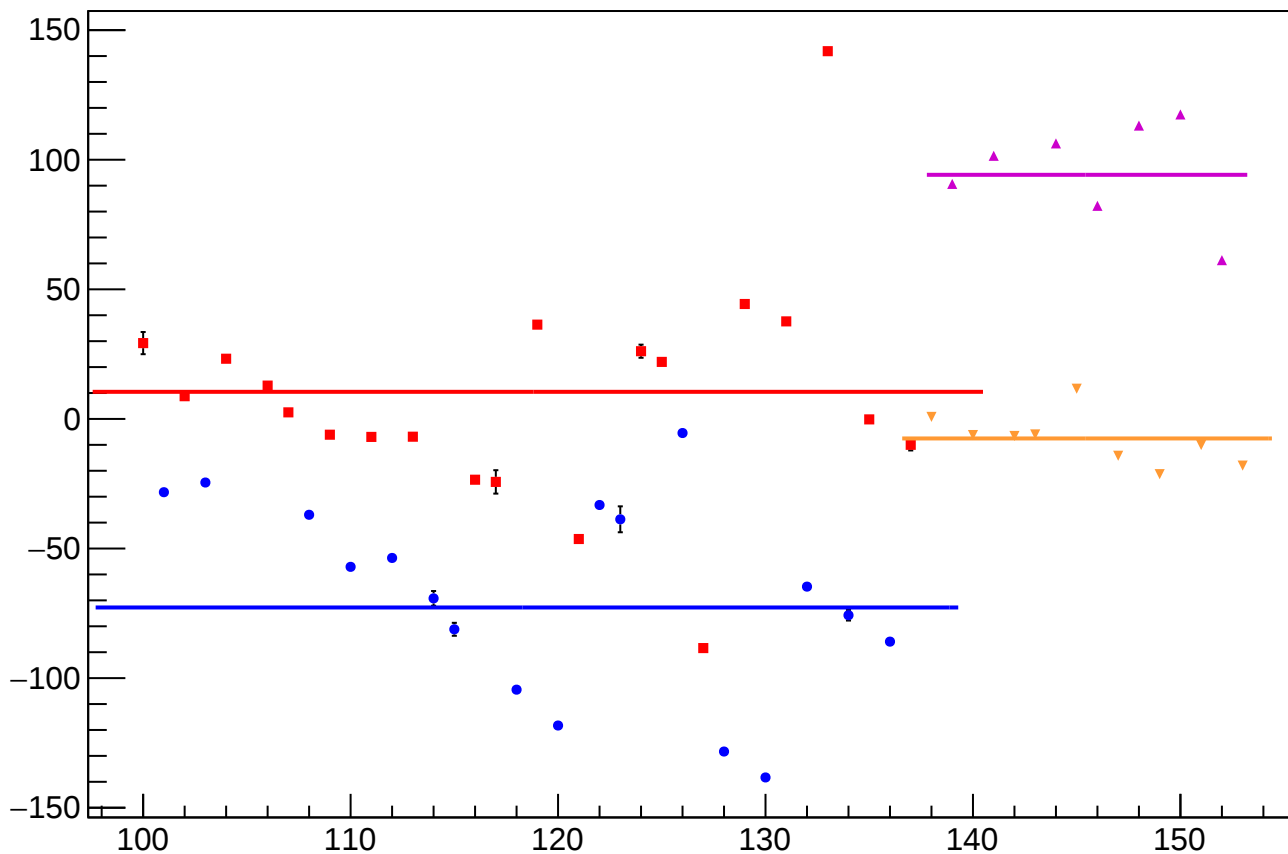
Left In: 1371.962 $\pm$ 0.408 χ^2 /NDF: 38544.3/6

1344.851 $\pm$ 0.262 χ^2 /NDF: 152050.8/25

1342.190 $\pm$ 0.186 χ^2 /NDF: 285551.2/52

1339.467 $\pm$ 0.265 χ^2 /NDF: 133291.7/26

diff_bpm1i02X_mean vs Slug, Sign Corrected



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

Left Out: -7.533 ± 0.366 $\chi^2/\text{NDF}: 666.4/8$

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

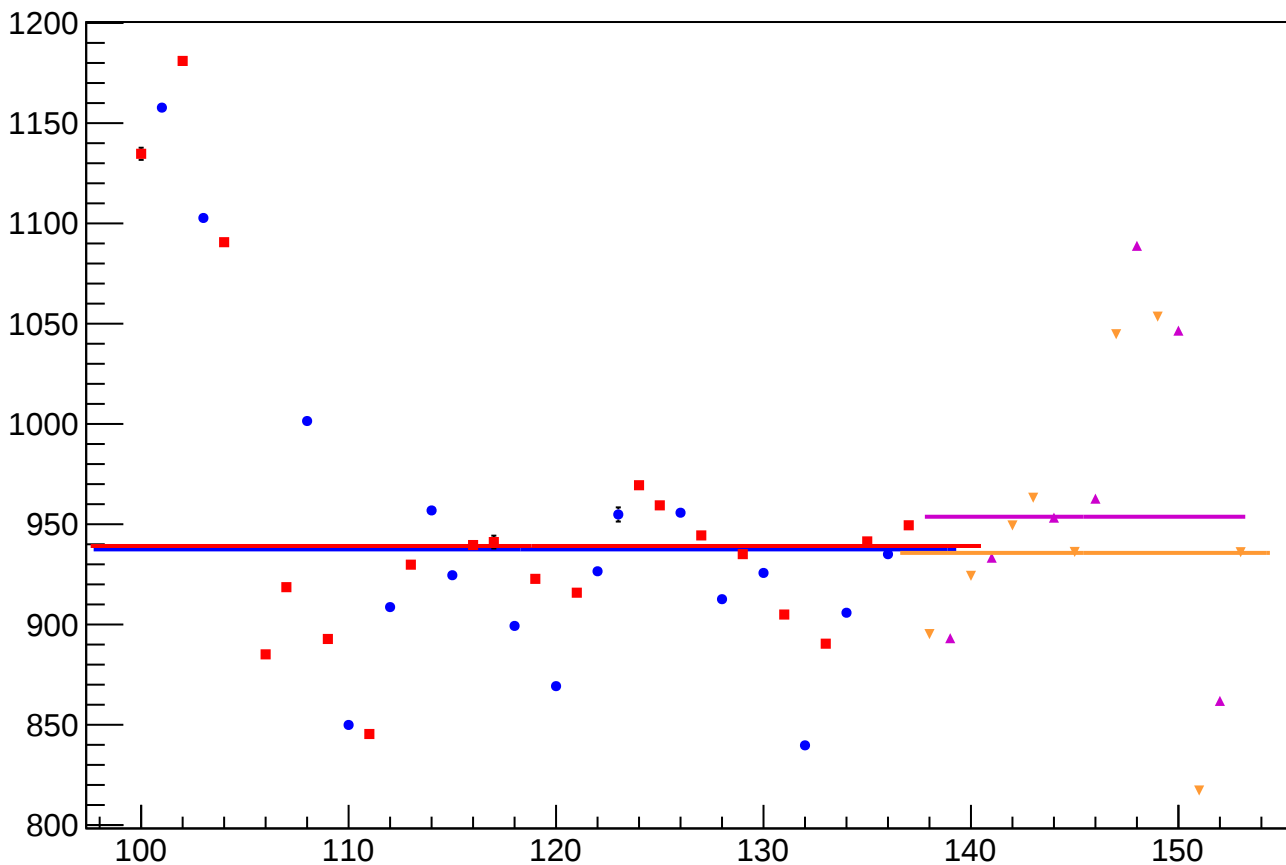
Left In: 94.179 ± 0.401 $\chi^2/\text{NDF}: 2202.0/6$

-40.451 ± 0.257 $\chi^2/\text{NDF}: 28392.9/25$

2.070 ± 0.184 $\chi^2/\text{NDF}: 129499.2/52$

46.833 ± 0.264 $\chi^2/\text{NDF}: 45113.3/26$

diff_bpm1i02X_rms vs Slug, Sign Corrected



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

Left Out: 935.711 +/- 0.259 χ^2/NDF : 75432.4/8

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

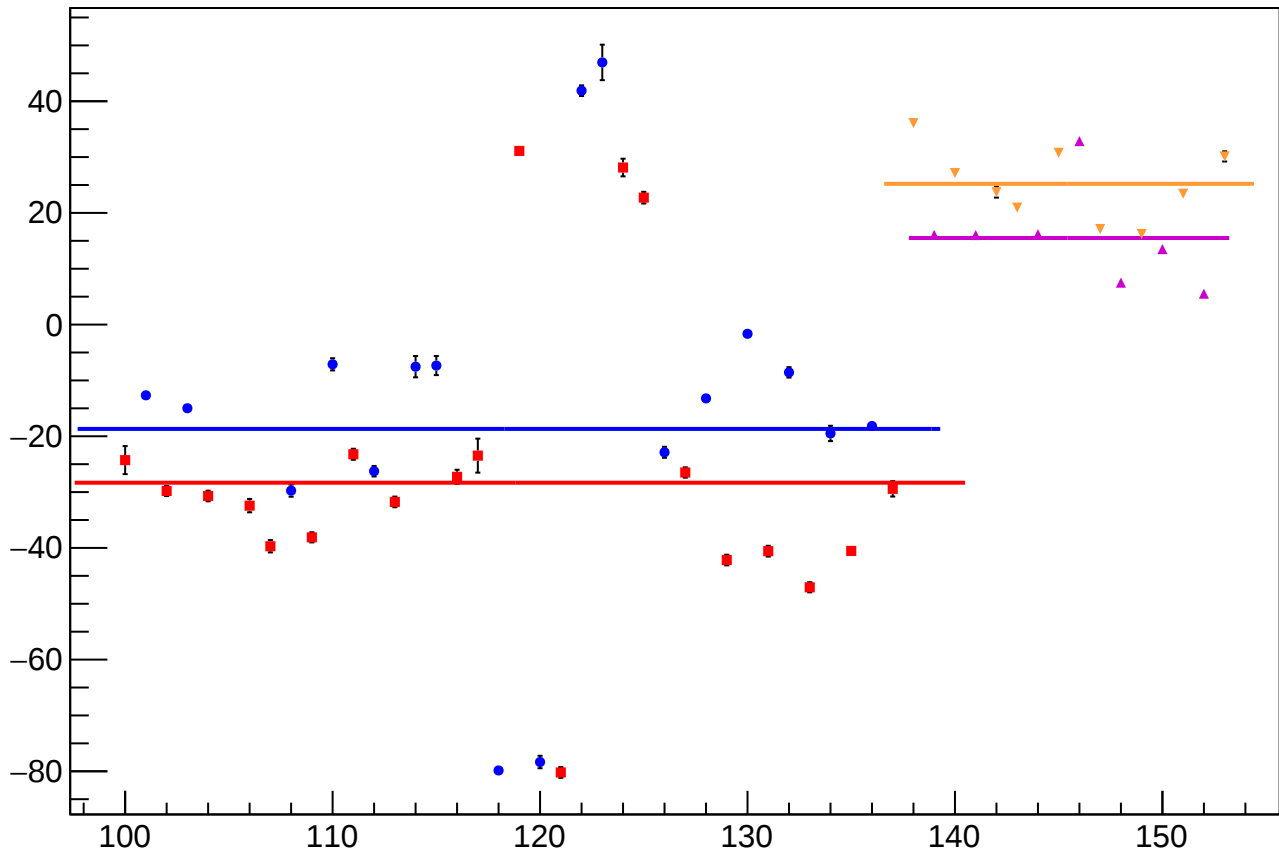
Left In: 953.740 +/- 0.283 χ^2/NDF : 64424.4/6

936.590 +/- 0.182 χ^2/NDF : 173763.0/25

940.926 +/- 0.130 χ^2/NDF : 331103.9/52

945.490 +/- 0.187 χ^2/NDF : 156176.8/26

diff_bpm1i02Y_mean vs Slug, Sign Corrected



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

Left Out: 25.213 ± 0.261 χ^2/NDF : 585.9/8

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

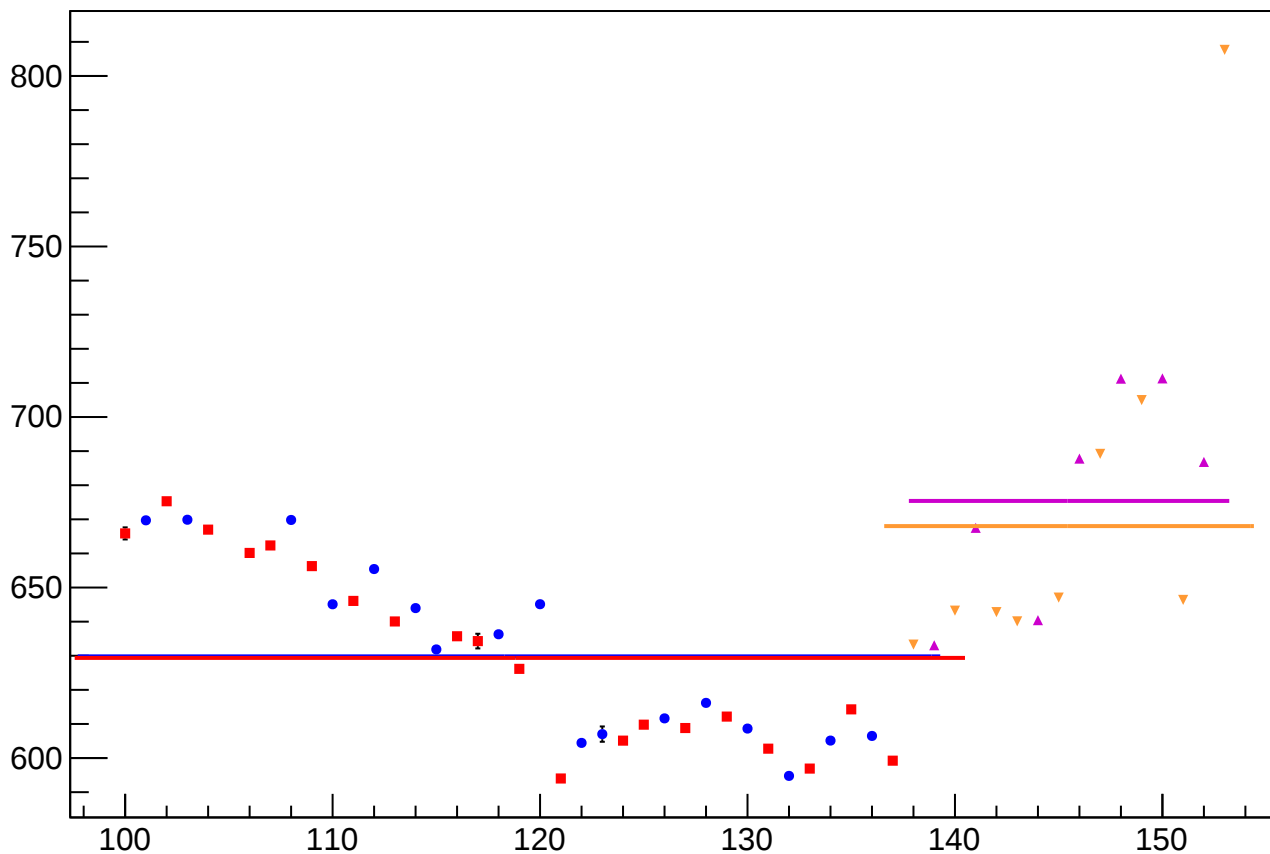
Left In: 15.504 ± 0.283 χ^2/NDF : 801.9/6

1.655 ± 0.178 χ^2/NDF : 28753.0/25

-4.314 ± 0.127 χ^2/NDF : 58536.2/52

-10.488 ± 0.181 χ^2/NDF : 27489.6/26

diff_bpm1i02Y_rms vs Slug, Sign Corrected



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

Left Out: 668.016 +/- 0.185 χ^2/NDF : 67064.3/8

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

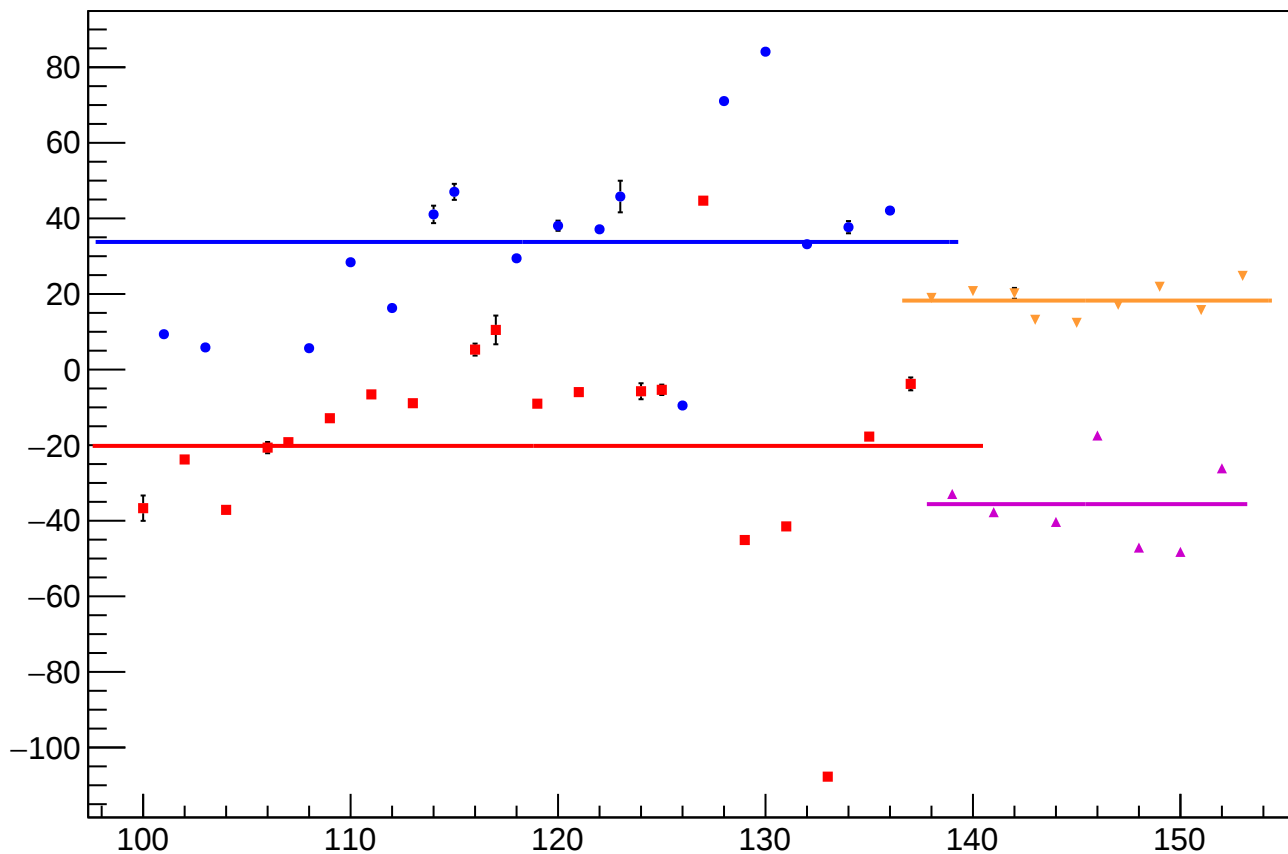
Left In: 675.395 +/- 0.200 χ^2/NDF : 20957.8/6

647.514 +/- 0.126 χ^2/NDF : 113328.3/25

647.800 +/- 0.090 χ^2/NDF : 191118.7/52

648.095 +/- 0.128 χ^2/NDF : 77779.9/26

diff_bpm1i04X_mean vs Slug, Sign Corrected



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

Left Out: 18.260+/-0.389 χ^2/NDF : 97.2/8

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

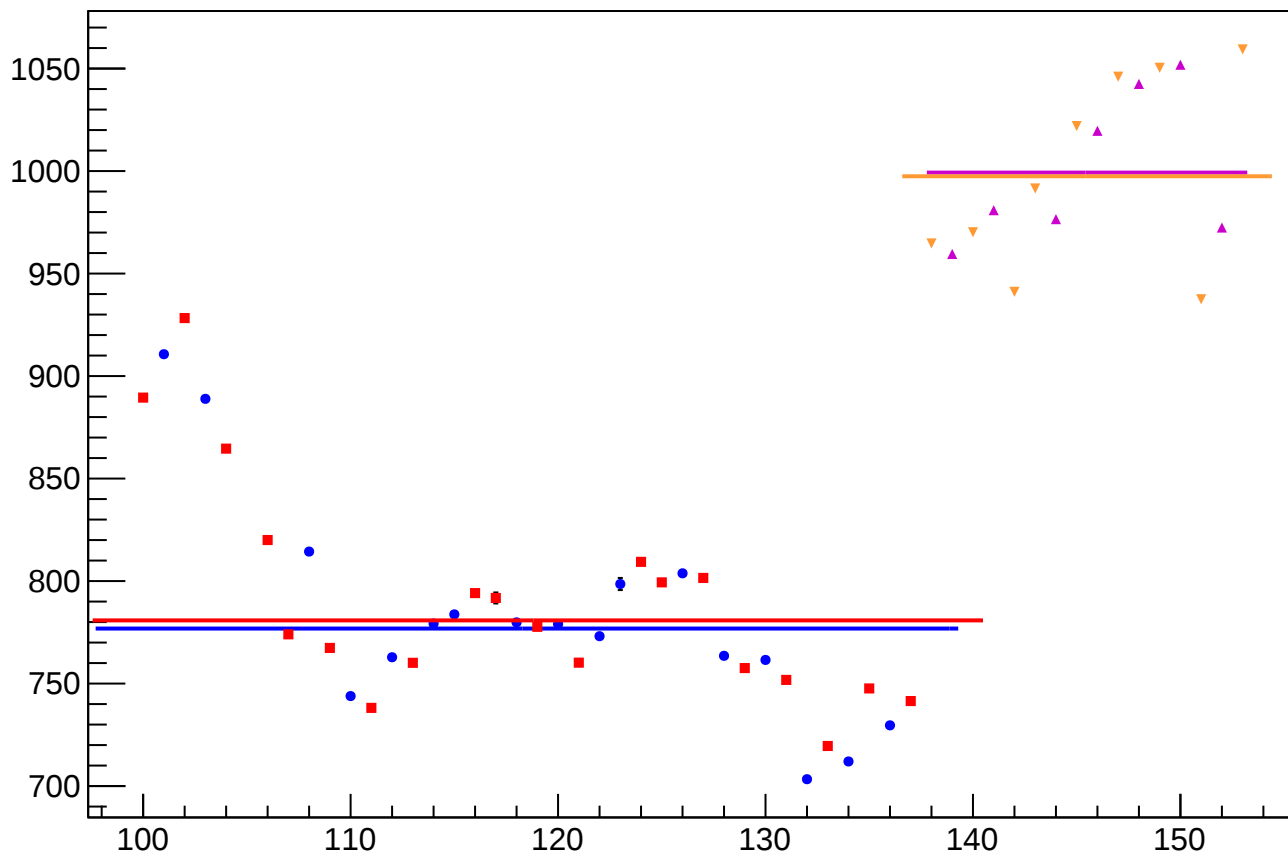
Left In: -35.605+/-0.419 χ^2/NDF : 589.0/6

27.995+/-0.238 χ^2/NDF : 7581.7/25

1.589+/-0.169 χ^2/NDF : 45333.5/52

-25.222+/-0.239 χ^2/NDF : 12853.5/26

diff_bpm1i04X_rms vs Slug, Sign Corrected



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

Left Out: 997.456 $\pm$ 0.275 χ^2/NDF : 26425.1/8

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

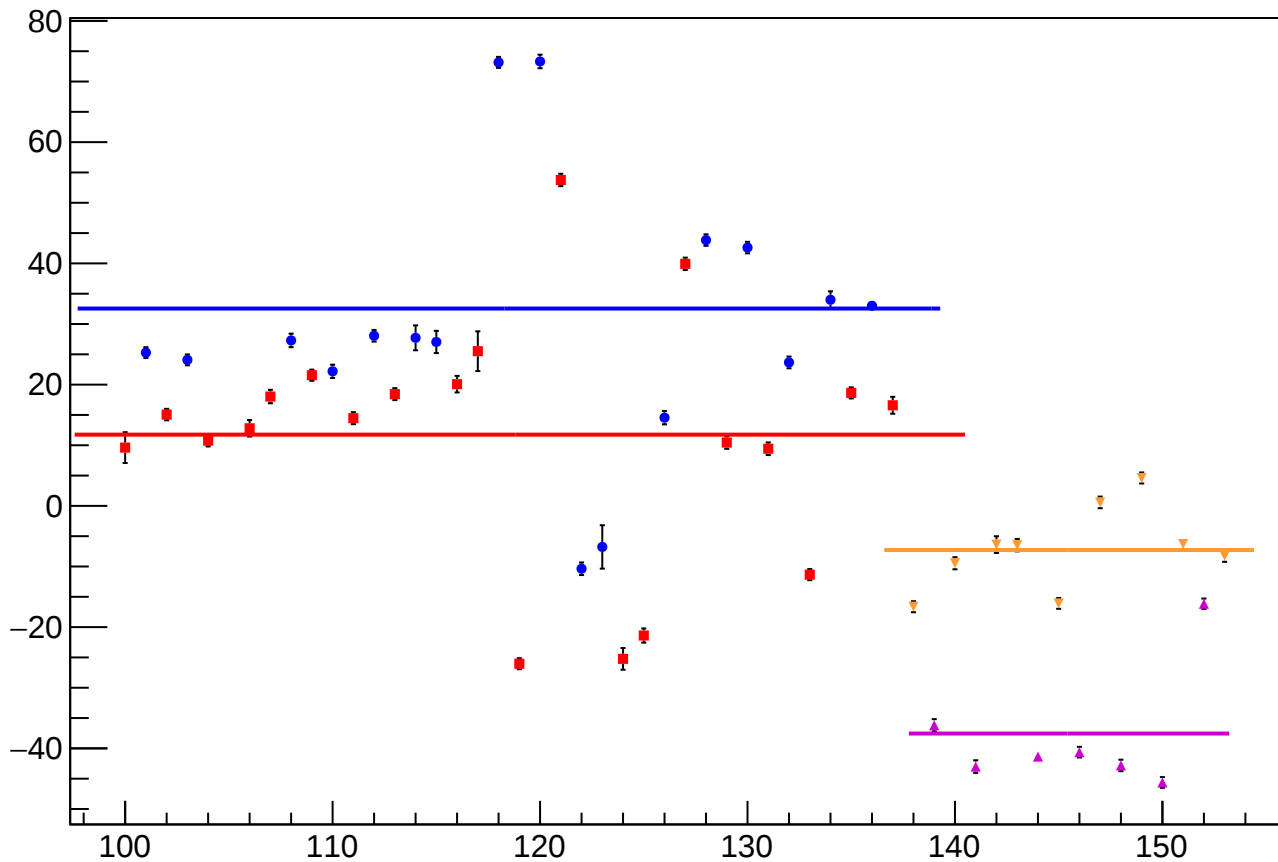
Left In: 999.250 $\pm$ 0.296 χ^2/NDF : 12852.7/6

859.008 $\pm$ 0.168 χ^2/NDF : 497045.0/25

855.580 $\pm$ 0.119 χ^2/NDF : 934247.3/52

852.100 $\pm$ 0.169 χ^2/NDF : 436363.0/26

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

Left Out: -7.283 +/- 0.321 χ^2/NDF : 450.2/8

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

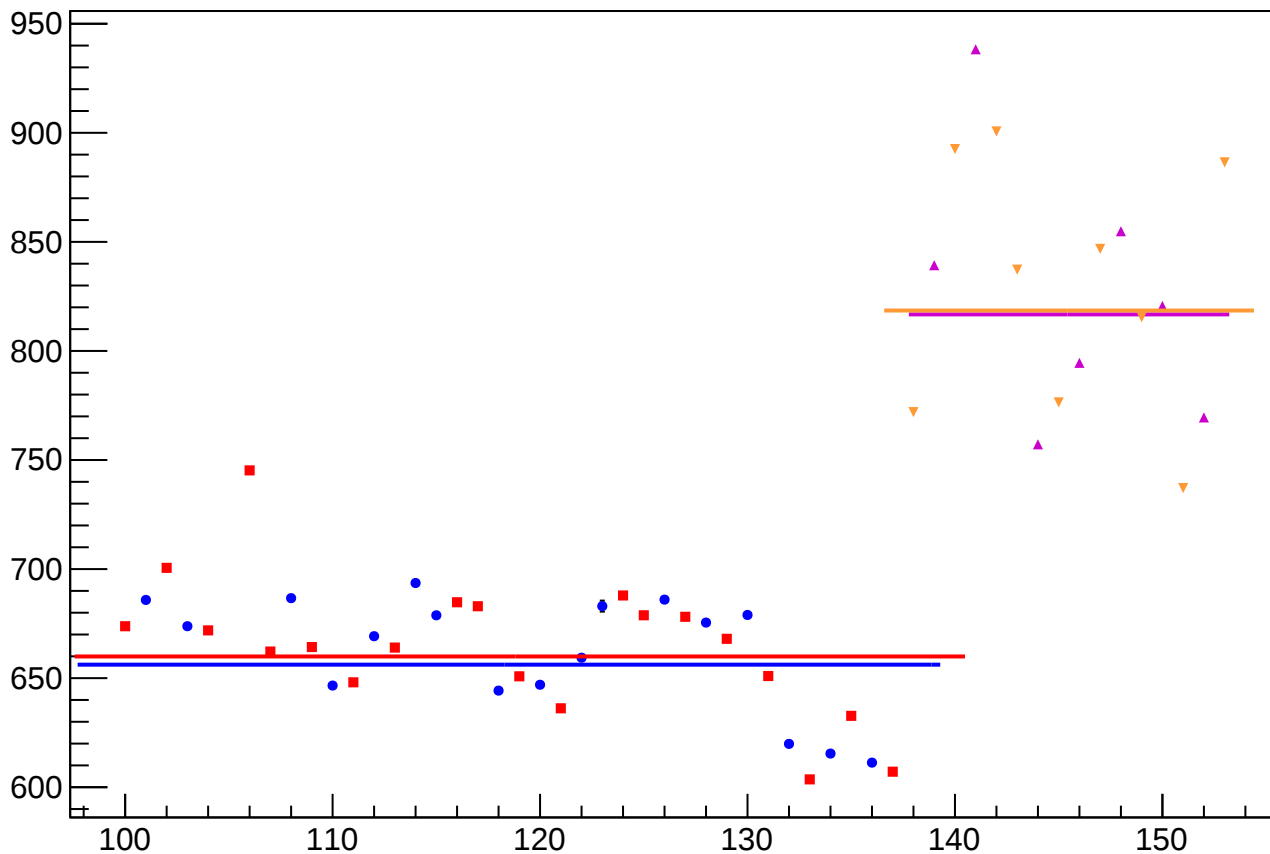
Left In: -37.552 +/- 0.345 χ^2/NDF : 806.9/6

17.273 +/- 0.199 χ^2/NDF : 16042.3/25

6.293 +/- 0.141 χ^2/NDF : 42933.5/52

-4.898 +/- 0.200 χ^2/NDF : 20715.1/26

diff_bpm1i04Y_rms vs Slug, Sign Corrected



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

Left Out: 818.537+/-0.227 χ^2/NDF : 59068.0/8

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

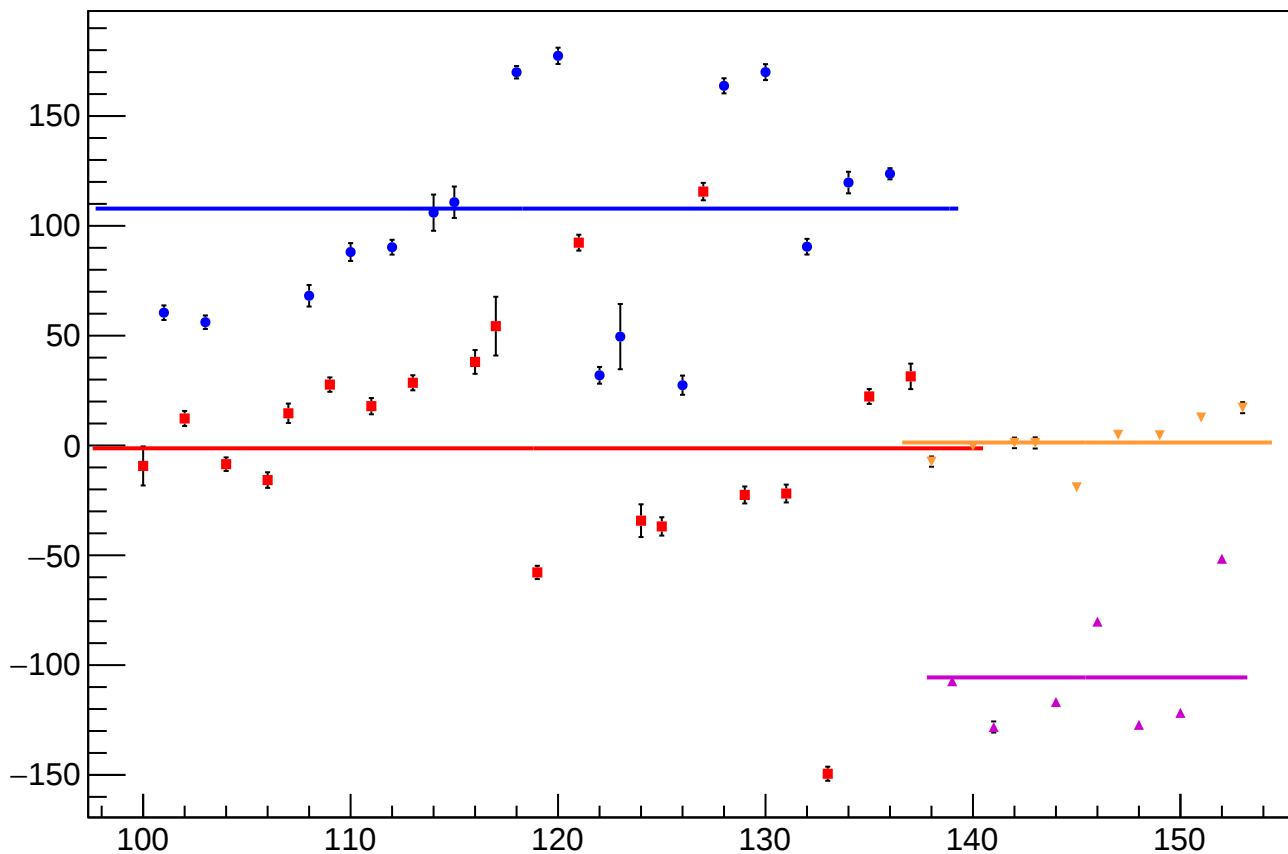
Left In: 816.762+/-0.244 χ^2/NDF : 49224.5/6

718.453+/-0.140 χ^2/NDF : 398884.4/25

715.704+/-0.100 χ^2/NDF : 751120.6/52

712.901+/-0.142 χ^2/NDF : 351461.6/26

diff_bpm1i06X_mean vs Slug, Sign Corrected



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

Left Out: 1.352 $\pm$ 0.713 χ^2 /NDF:189.4/8

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

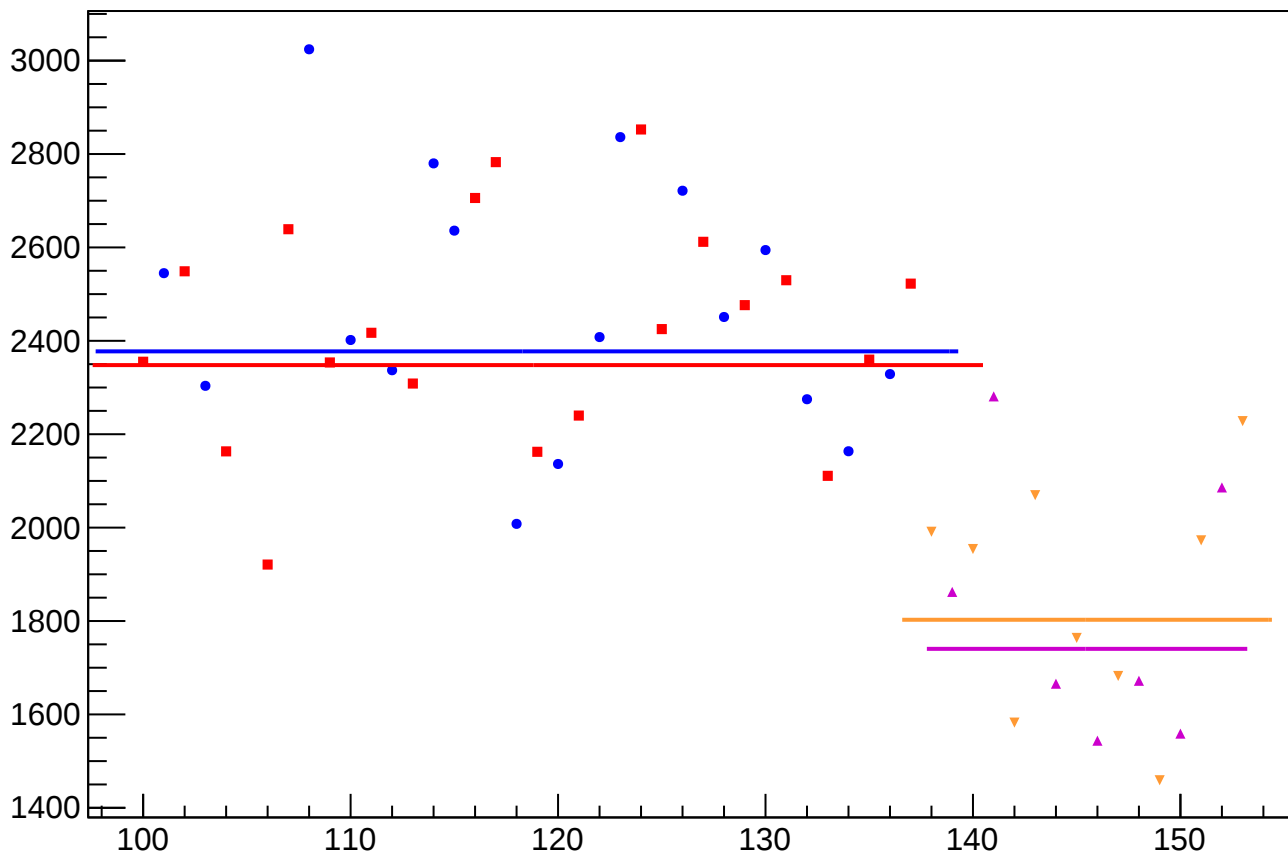
Left In: -105.618 $\pm$ 0.742 χ^2 /NDF:1113.3/6

41.215 $\pm$ 0.564 χ^2 /NDF: 11355.2/25

-10.210 $\pm$ 0.400 χ^2 /NDF: 41961.1/52

-62.344 $\pm$ 0.568 χ^2 /NDF: 13851.9/26

diff_bpm1i06X_rms vs Slug, Sign Corrected



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

Left Out: 1802.674 $\pm$ 0.504 χ^2 /NDF: 227780.9/8

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

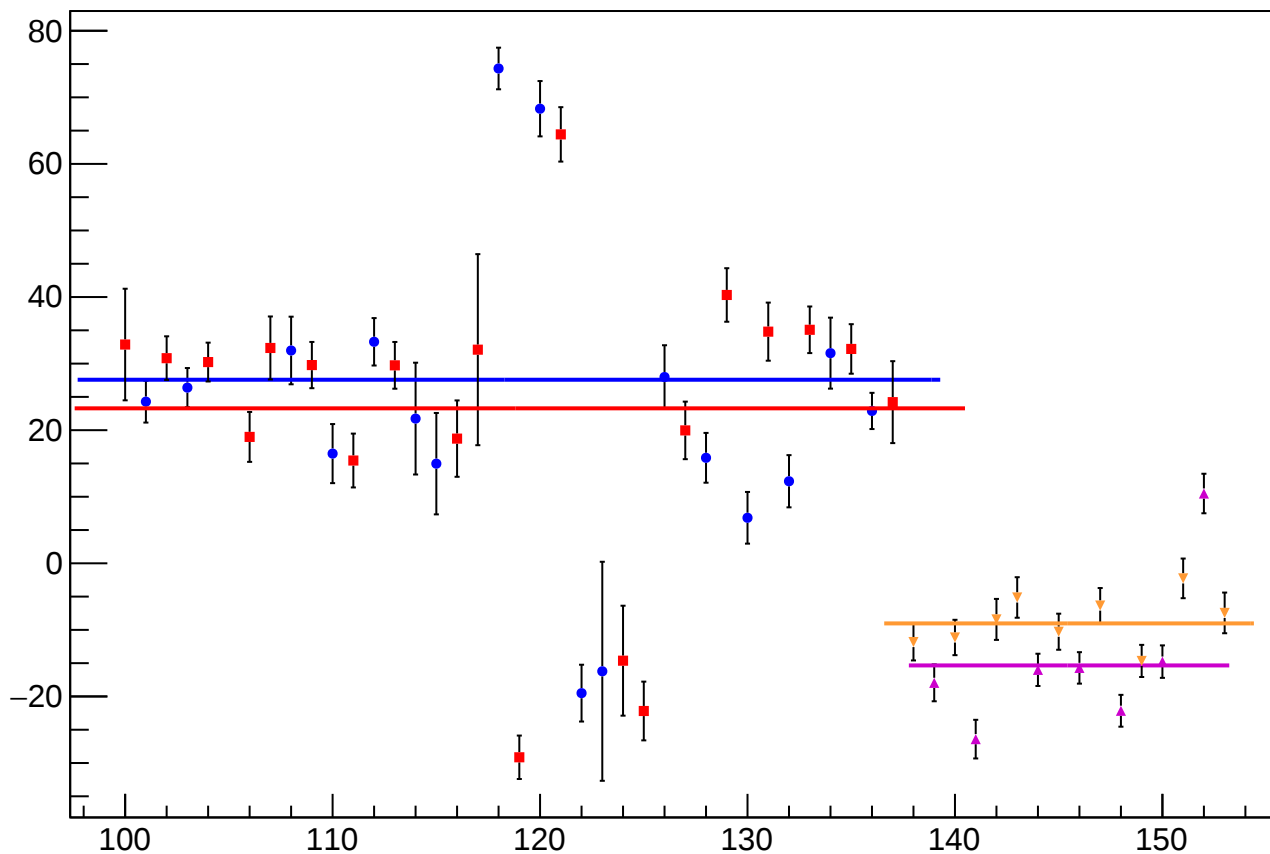
Left In: 1740.387 $\pm$ 0.525 χ^2 /NDF: 197906.2/6

2017.802 $\pm$ 0.399 χ^2 /NDF: 834204.4/25

2005.210 $\pm$ 0.283 χ^2 /NDF: 1700740.6/52

1992.444 $\pm$ 0.401 χ^2 /NDF: 864527.1/26

diff_bpm1i06Y_mean vs Slug, Sign Corrected



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

Left Out: -9.028+/-0.929 χ^2/NDF : 15.5/8

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

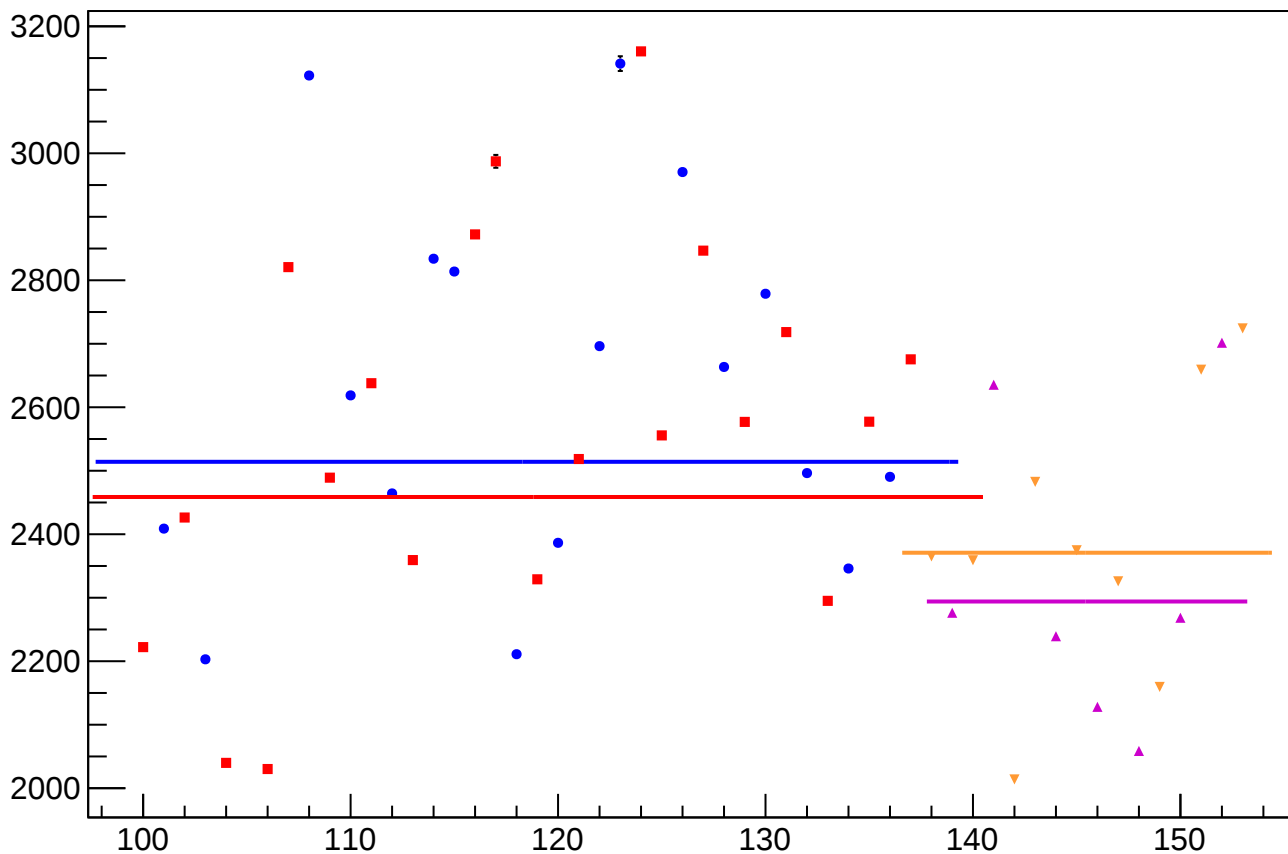
Left In: -15.340+/-0.974 χ^2/NDF : 99.4/6

8.400+/-0.673 χ^2/NDF : 1273.8/25

6.674+/-0.475 χ^2/NDF : 2771.4/52

4.958+/-0.671 χ^2/NDF : 1484.5/26

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2514.088 $\pm$ 0.689 χ^2/NDF : 120961.3/16

Left Out: 2370.879 $\pm$ 0.657 χ^2/NDF : 91050.3/8

Right Out: 2458.665 $\pm$ 0.654 χ^2/NDF : 152458.1/19

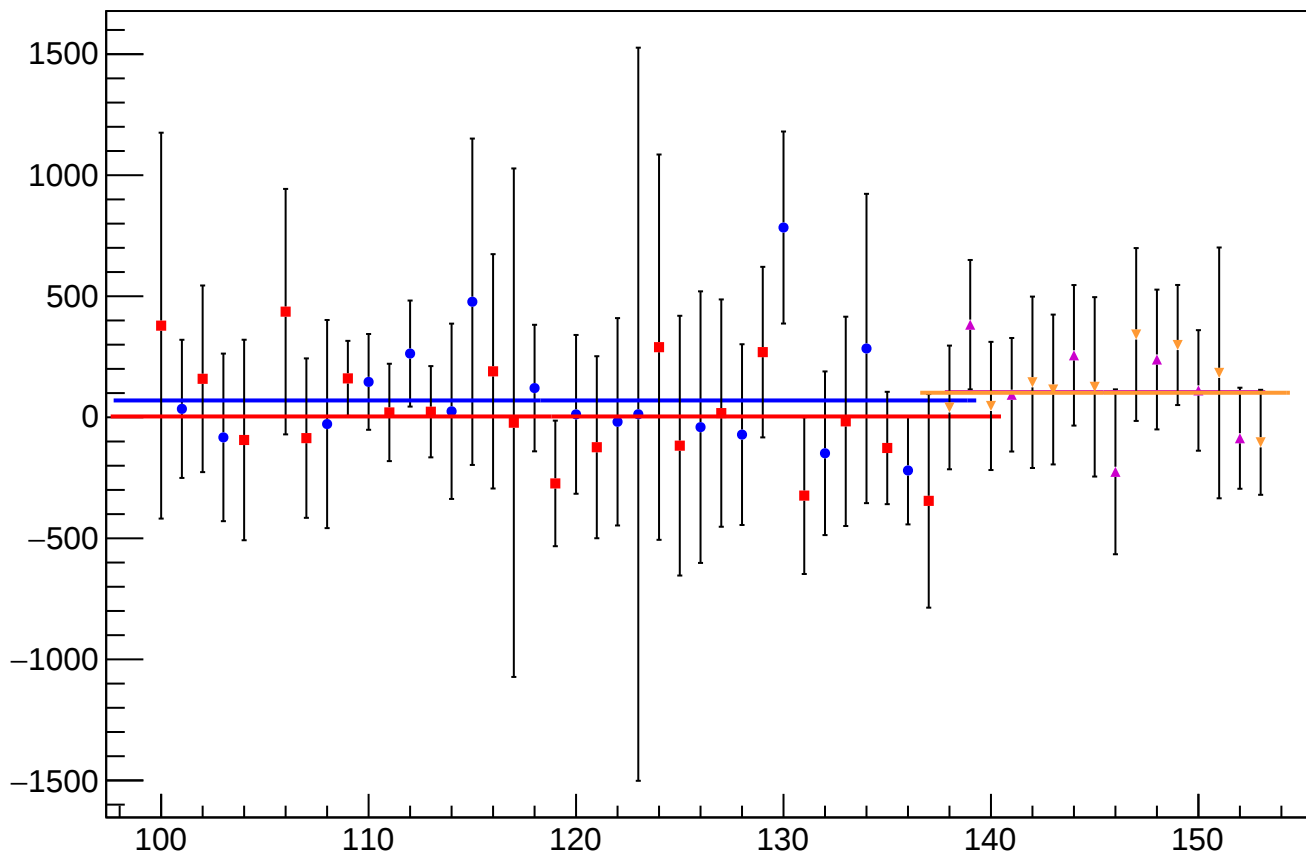
Left In: 2294.045 $\pm$ 0.689 χ^2/NDF : 95918.5/6

2439.064 $\pm$ 0.476 χ^2/NDF : 234626.7/25

2409.731 $\pm$ 0.336 χ^2/NDF : 520635.8/52

2380.568 $\pm$ 0.474 χ^2/NDF : 278423.4/26

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: 101.399 $\pm$ 97.881 χ^2 /NDF:2.1/8

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

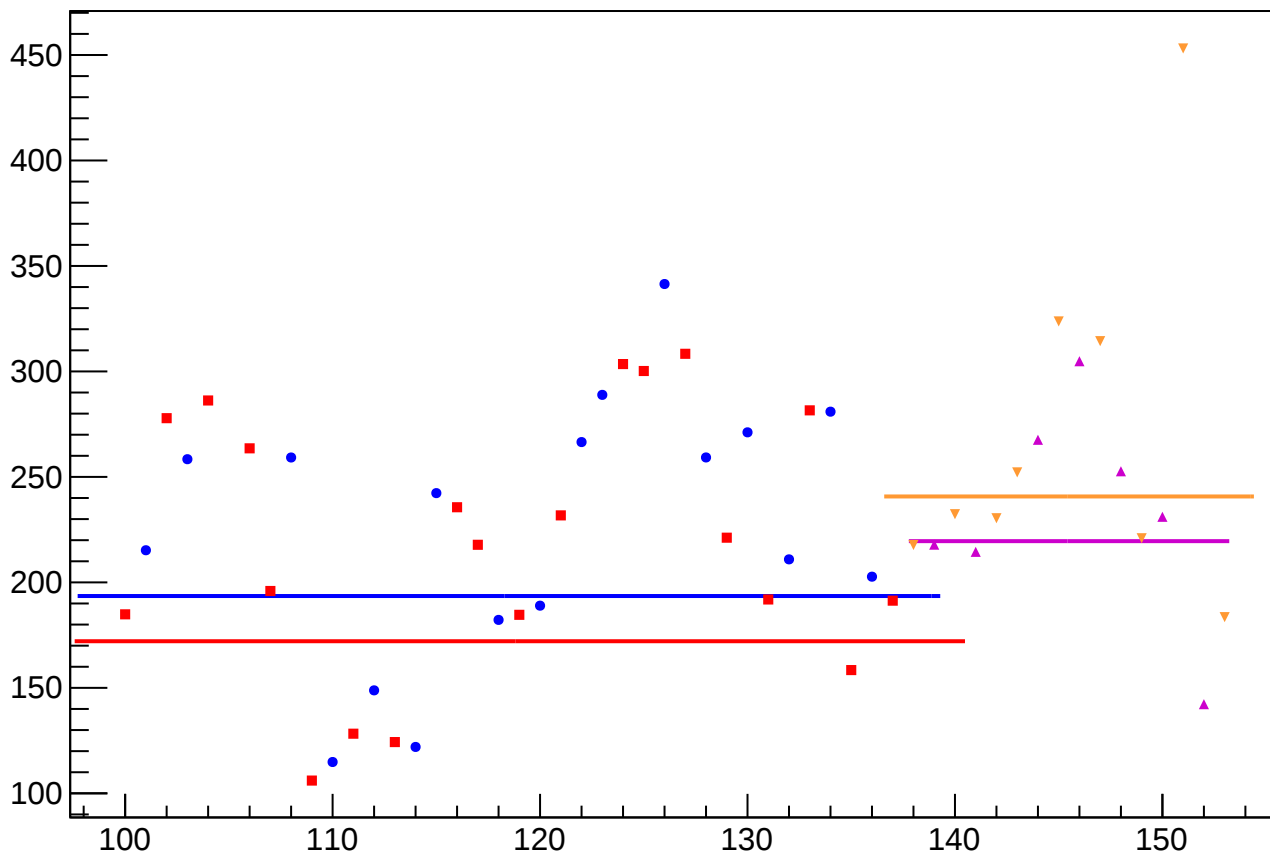
Left In: 104.208 $\pm$ 98.176 χ^2 /NDF:3.3/6

82.140 $\pm$ 61.486 χ^2 /NDF: 9.5/25

57.983 $\pm$ 41.762 χ^2 /NDF: 20.2/52

37.295 $\pm$ 56.901 χ^2 /NDF: 10.4/26

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.533 $\pm$ 0.056 χ^2 /NDF: 1010428.2/16

Left Out: 240.730 $\pm$ 0.069 χ^2 /NDF: 696026.7/8

Right Out: 172.104 $\pm$ 0.049 χ^2 /NDF: 1580690.9/19

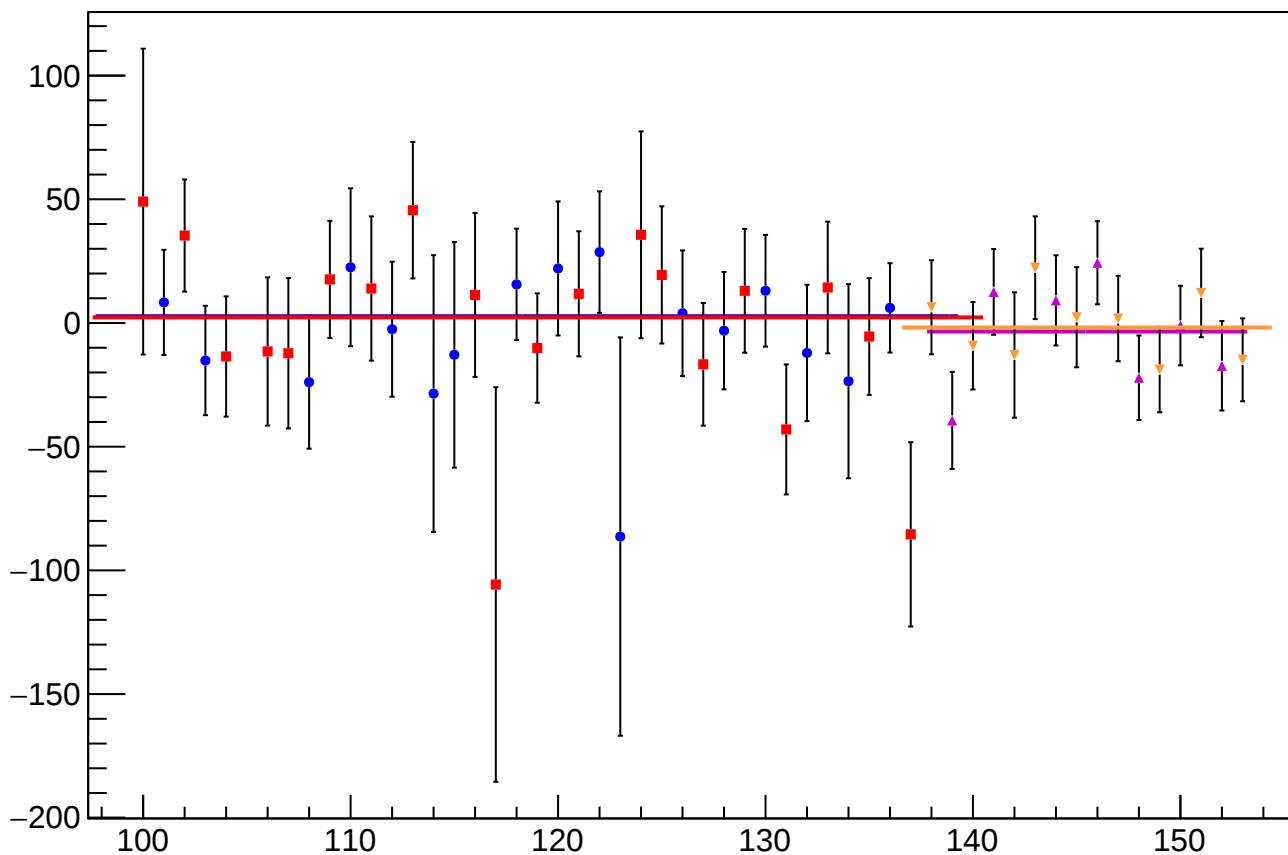
Left In: 219.548 $\pm$ 0.069 χ^2 /NDF: 486121.9/6

212.157 $\pm$ 0.043 χ^2 /NDF: 1987967.4/25

199.166 $\pm$ 0.030 χ^2 /NDF: 4530686.4/52

188.041 $\pm$ 0.040 χ^2 /NDF: 2376985.8/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -1.820+/-6.240 χ^2/NDF : 4.2/8

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

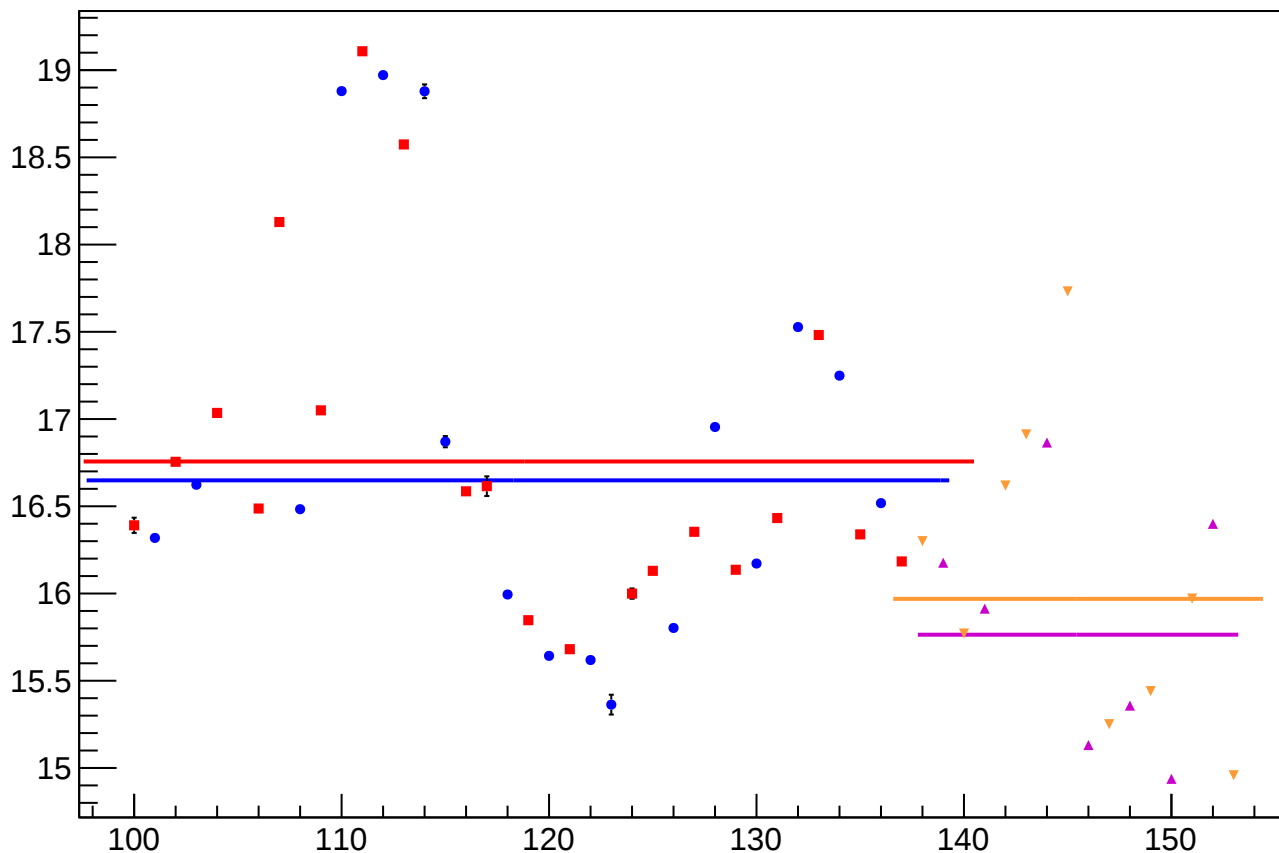
Left In: -3.470+/-6.617 χ^2/NDF : 9.2/6

0.390+/-4.476 χ^2/NDF : 11.2/25

-0.021+/-3.190 χ^2/NDF : 40.5/52

-0.447+/-4.547 χ^2/NDF : 29.2/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.649 ± 0.005 $\chi^2/\text{NDF}: 42566.9/16$

Left Out: 15.969 ± 0.004 $\chi^2/\text{NDF}: 34083.3/8$

Right Out: 16.757 ± 0.004 $\chi^2/\text{NDF}: 39957.1/19$

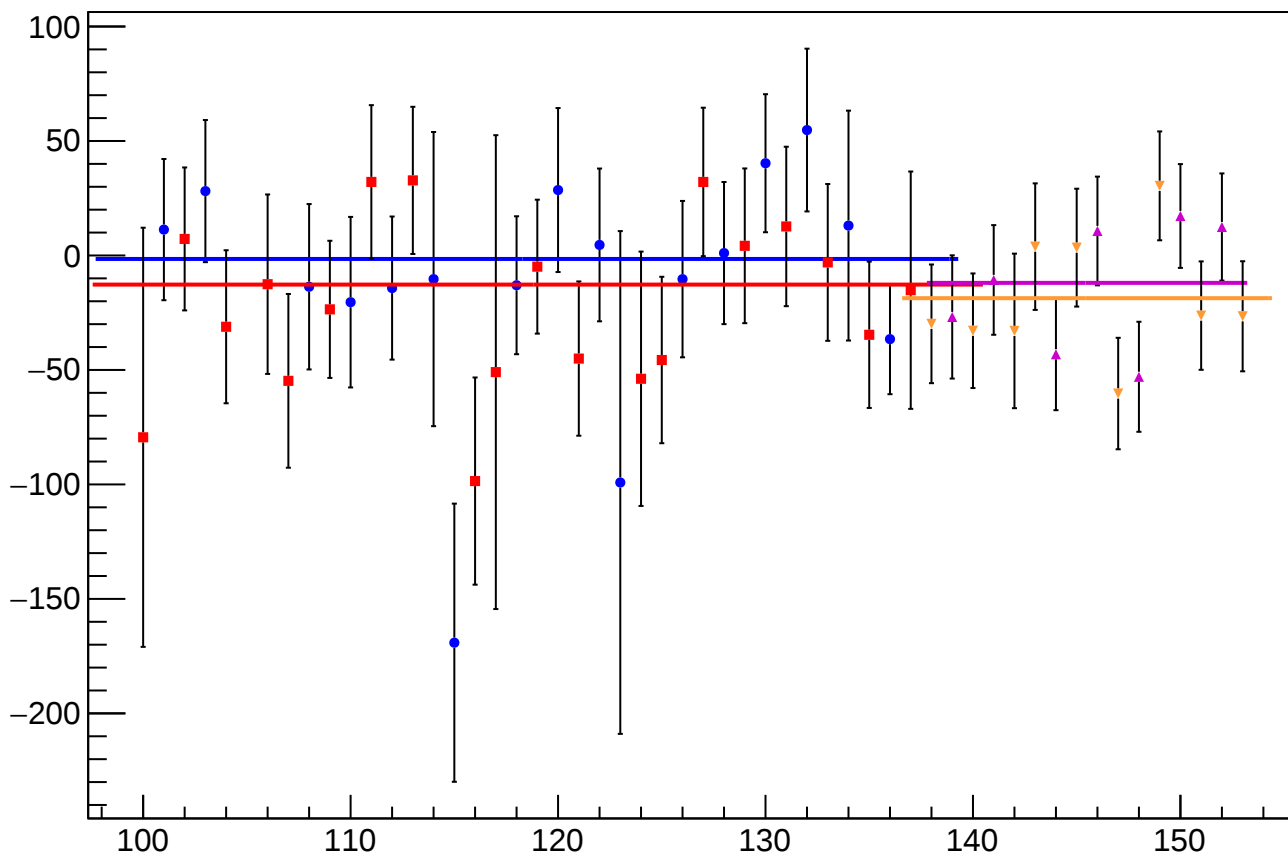
Left In: 15.764 ± 0.005 $\chi^2/\text{NDF}: 20051.2/6$

16.299 ± 0.003 $\chi^2/\text{NDF}: 88153.6/25$

16.294 ± 0.002 $\chi^2/\text{NDF}: 171937.8/52$

16.288 ± 0.003 $\chi^2/\text{NDF}: 83778.1/26$

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: -18.652 ± 8.527 $\chi^2/\text{NDF}: 9.5/8$

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

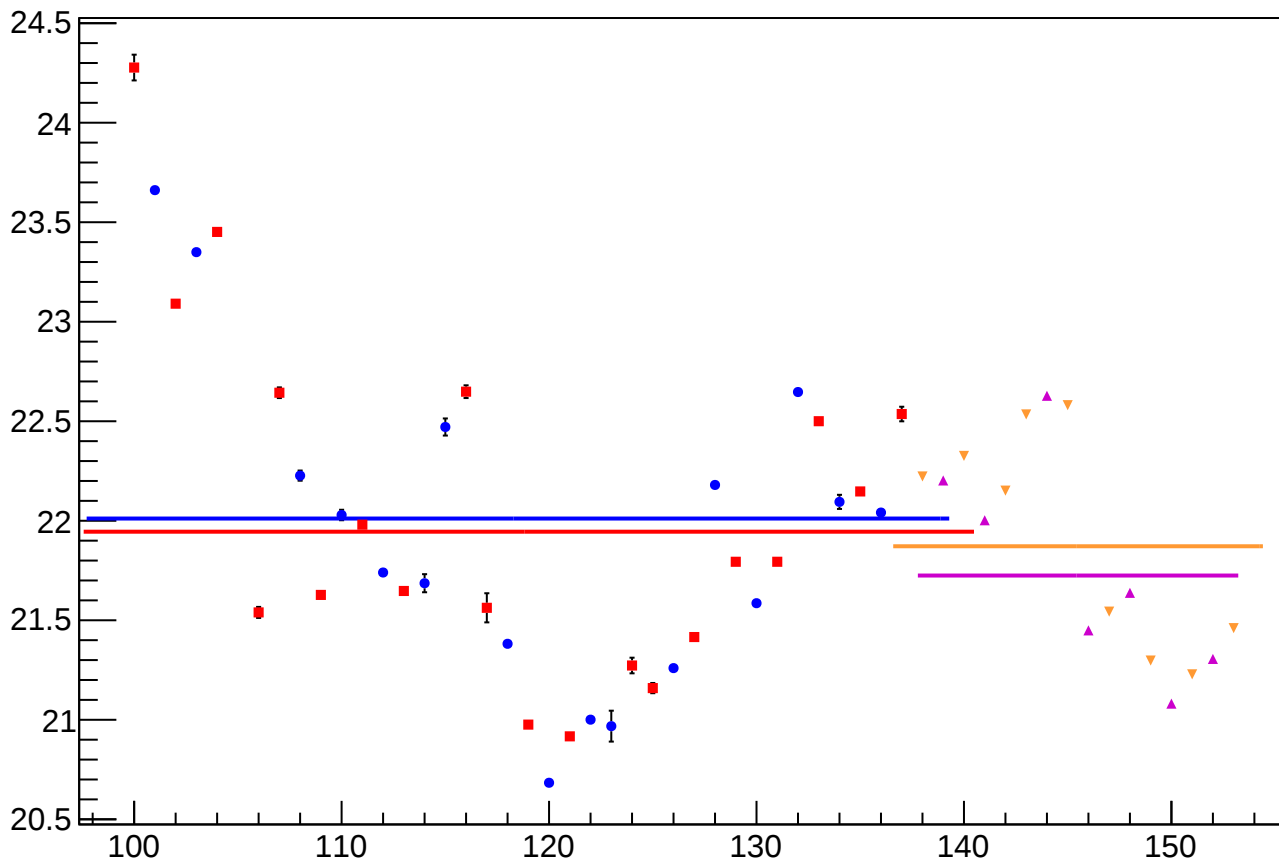
Left In: -11.966 ± 9.099 $\chi^2/\text{NDF}: 8.5/6$

-10.045 ± 6.015 $\chi^2/\text{NDF}: 29.1/25$

-11.199 ± 4.278 $\chi^2/\text{NDF}: 53.5/52$

-12.380 ± 6.085 $\chi^2/\text{NDF}: 24.3/26$

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 21.872+/-0.006 χ^2 /NDF: 7421.1/8

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

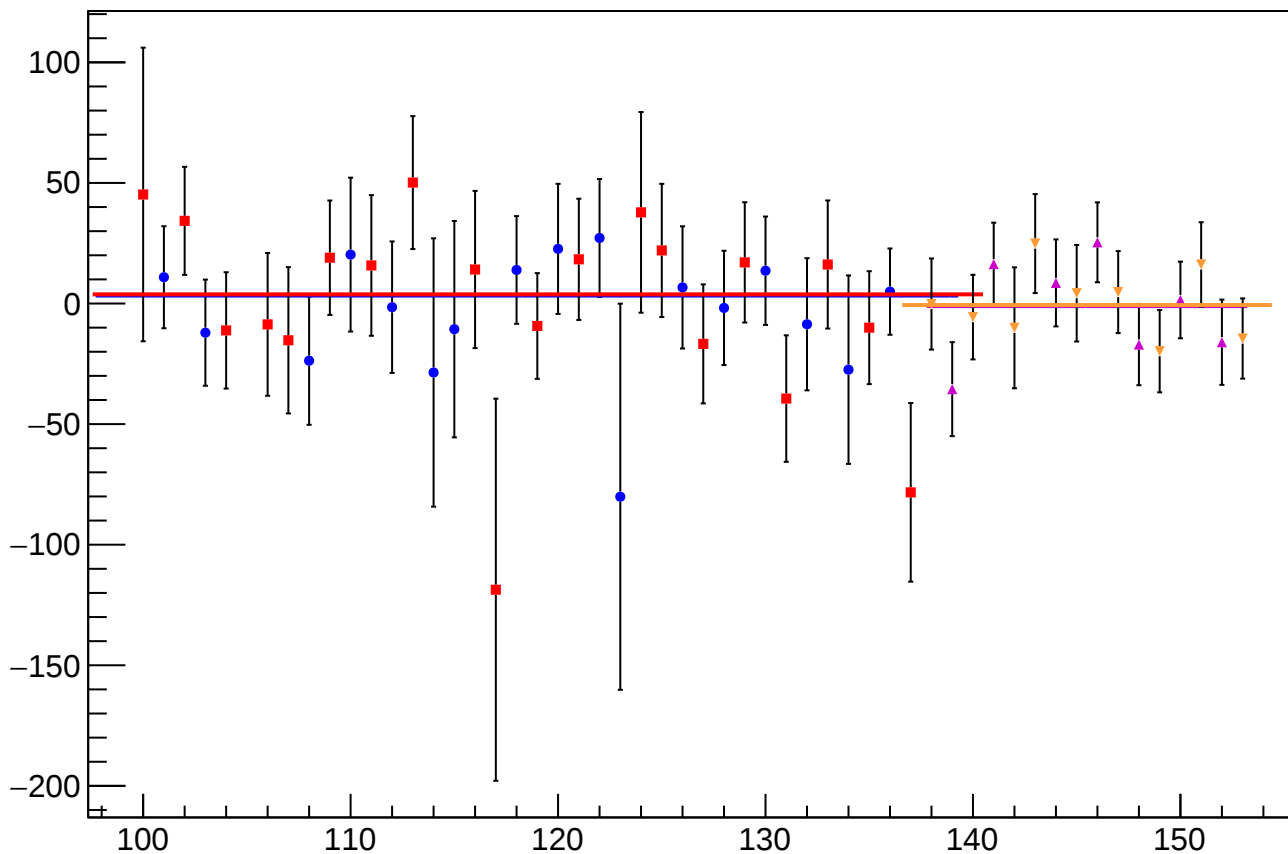
Left In: 21.725+/-0.006 χ^2 /NDF: 6181.1/6

21.942+/-0.004 χ^2 /NDF: 25236.3/25

21.895+/-0.003 χ^2 /NDF: 48933.7/52

21.847+/-0.004 χ^2 /NDF: 23449.2/26

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: -0.628 $\pm$ 6.167 χ^2 /NDF: 4.8/8

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

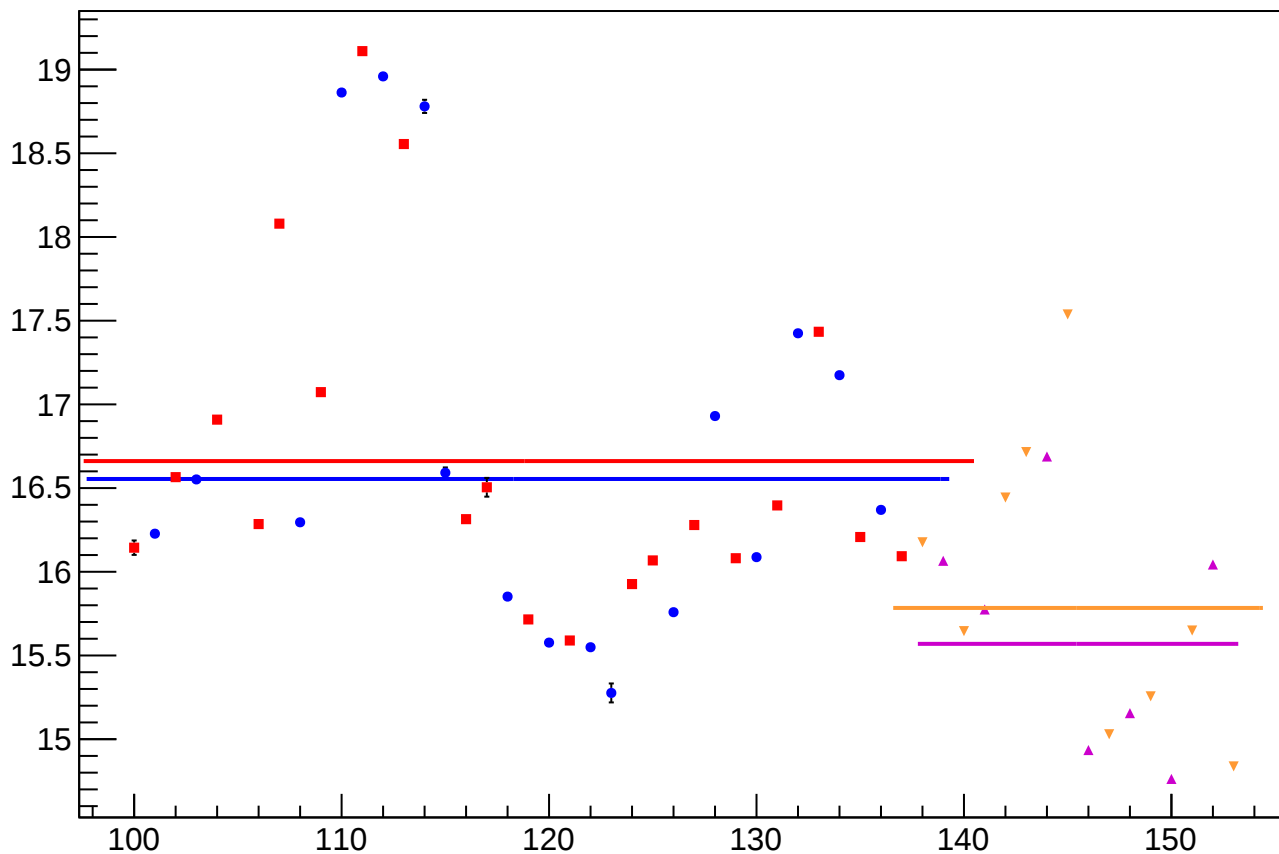
Left In: -1.064 $\pm$ 6.534 χ^2 /NDF: 8.6/6

1.275 $\pm$ 4.437 χ^2 /NDF: 11.3/25

1.379 $\pm$ 3.162 χ^2 /NDF: 40.3/52

1.486 $\pm$ 4.507 χ^2 /NDF: 29.0/26

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.554 $\pm$ 0.005 χ^2/NDF : 44475.2/16

Left Out: 15.784 $\pm$ 0.004 χ^2/NDF : 34298.1/8

Right Out: 16.661 $\pm$ 0.004 χ^2/NDF : 43071.4/19

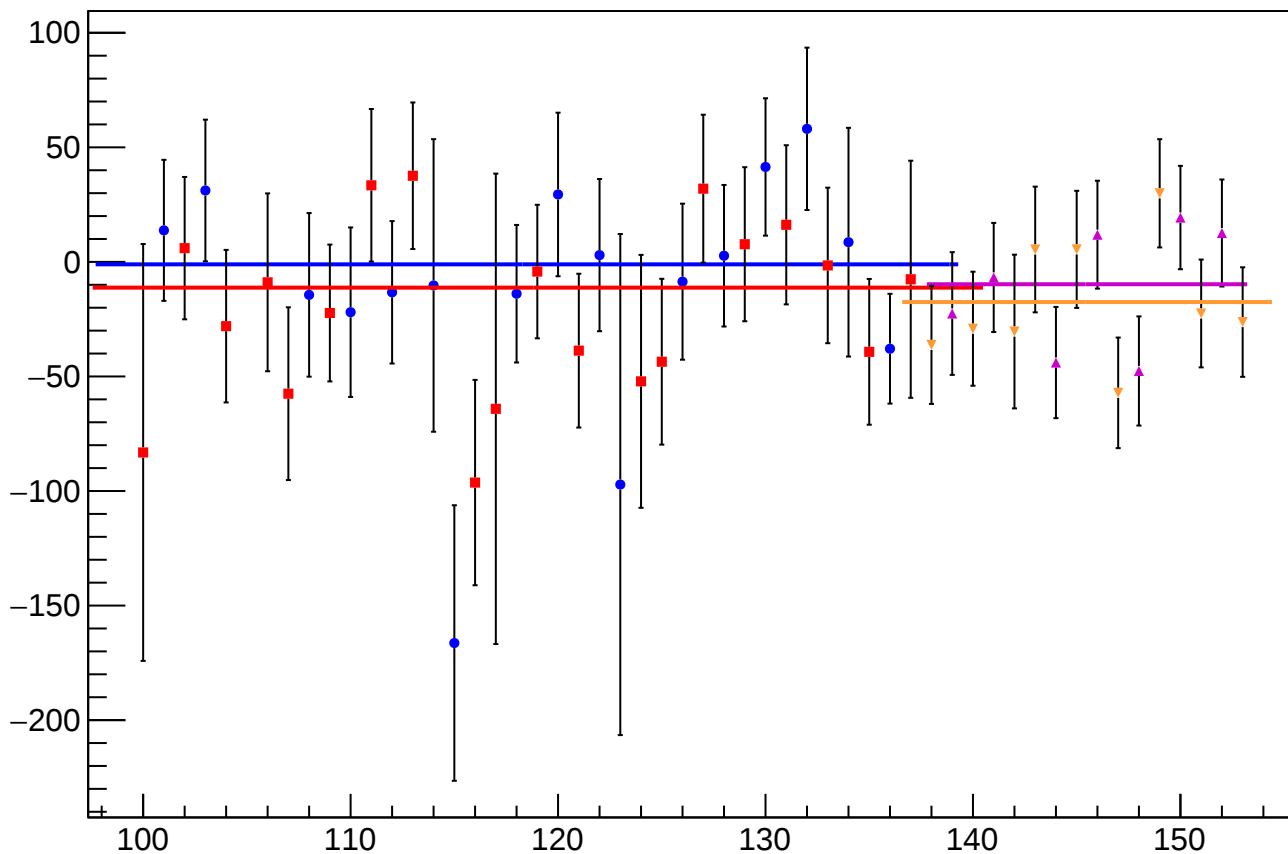
Left In: 15.569 $\pm$ 0.005 χ^2/NDF : 20013.7/6

16.156 $\pm$ 0.003 χ^2/NDF : 93827.5/25

16.149 $\pm$ 0.002 χ^2/NDF : 186201.2/52

16.142 $\pm$ 0.003 χ^2/NDF : 92364.2/26

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -17.525 ± 8.470 χ^2/NDF : 9.3/8

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

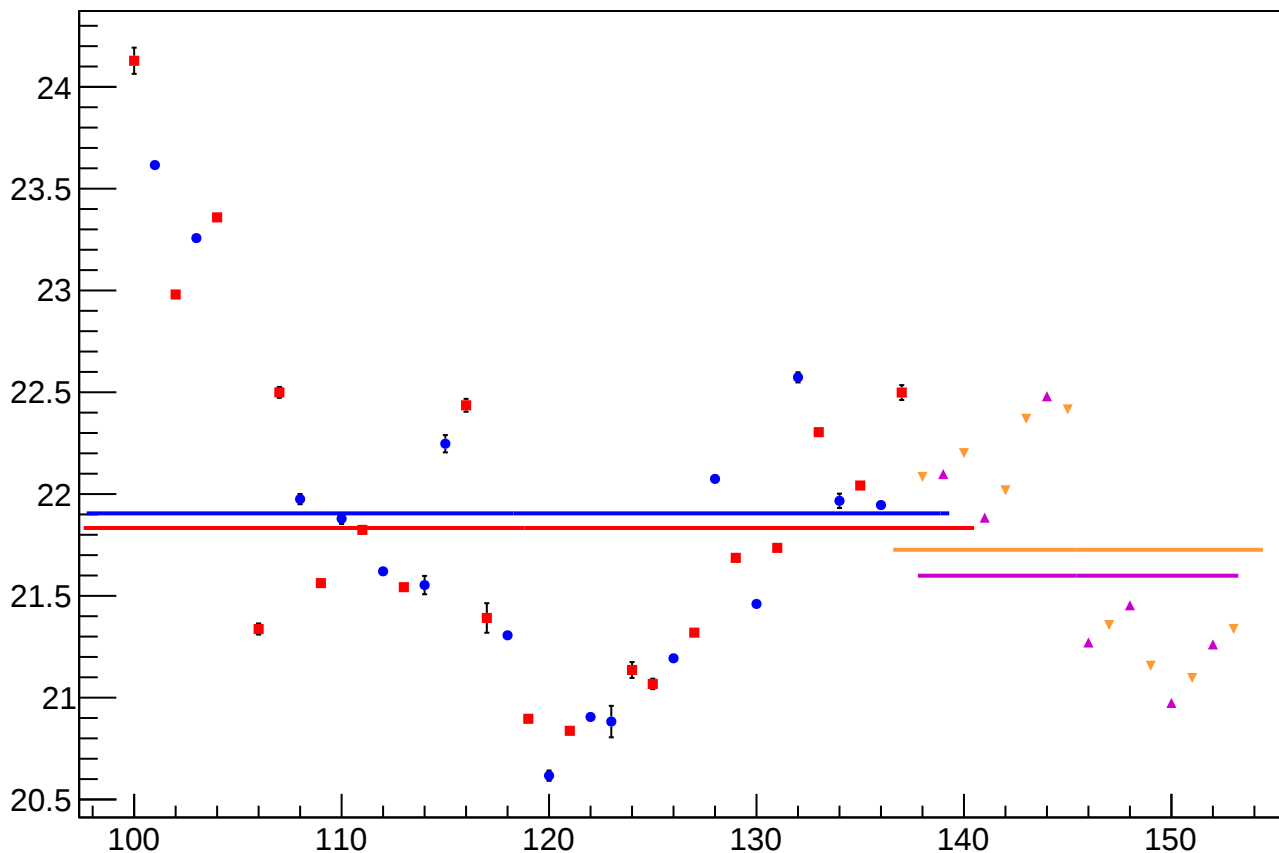
Left In: -9.755 ± 9.046 χ^2/NDF : 8.2/6

-9.271 ± 5.980 χ^2/NDF : 29.7/25

-9.914 ± 4.254 χ^2/NDF : 54.4/52

-10.573 ± 6.052 χ^2/NDF : 24.7/26

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: 21.726 $\pm$ 0.006 χ^2 /NDF: 7417.6/8

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

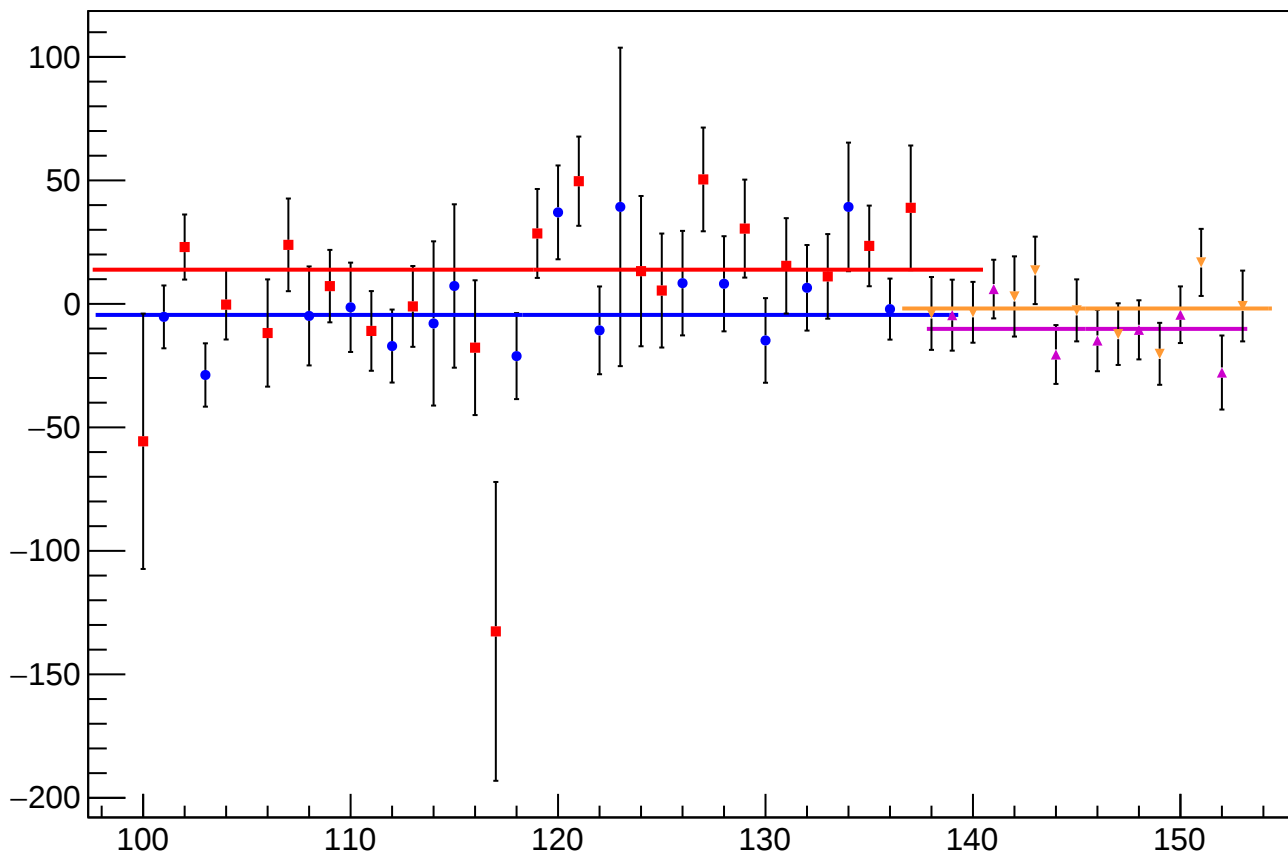
Left In: 21.599 $\pm$ 0.006 χ^2 /NDF: 6033.0/6

21.816 $\pm$ 0.004 χ^2 /NDF: 25658.7/25

21.773 $\pm$ 0.003 χ^2 /NDF: 48933.8/52

21.728 $\pm$ 0.004 χ^2 /NDF: 23063.3/26

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: -1.865 ± 4.483 χ^2/NDF : 6.1/8

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

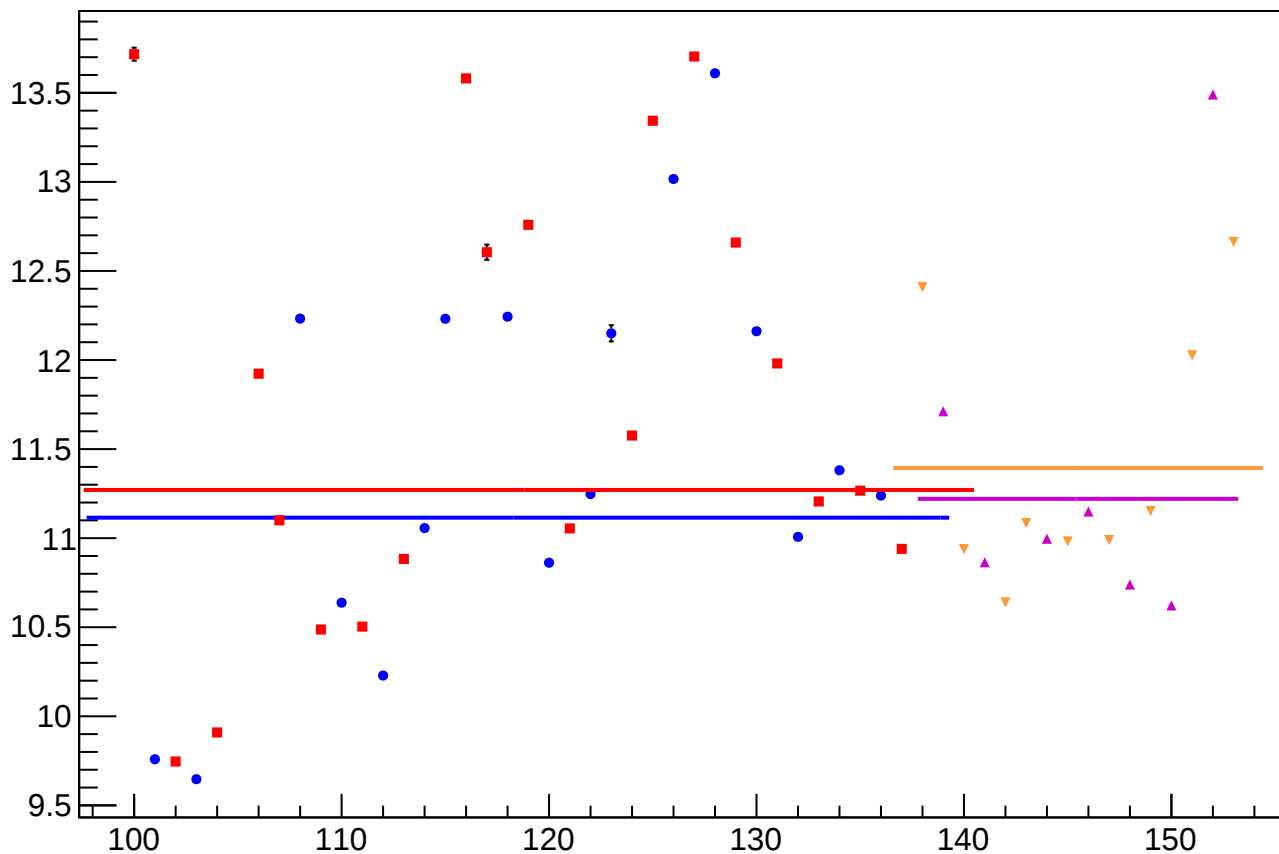
Left In: -10.118 ± 4.741 χ^2/NDF : 4.5/6

-3.208 ± 3.114 χ^2/NDF : 21.5/25

-0.076 ± 2.220 χ^2/NDF : 67.6/52

3.163 ± 3.166 χ^2/NDF : 44.1/26

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.115 $\pm$ 0.003 χ^2 /NDF: 133059.3/16

Left Out: 11.394 $\pm$ 0.003 χ^2 /NDF: 42579.0/8

Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148461.6/19

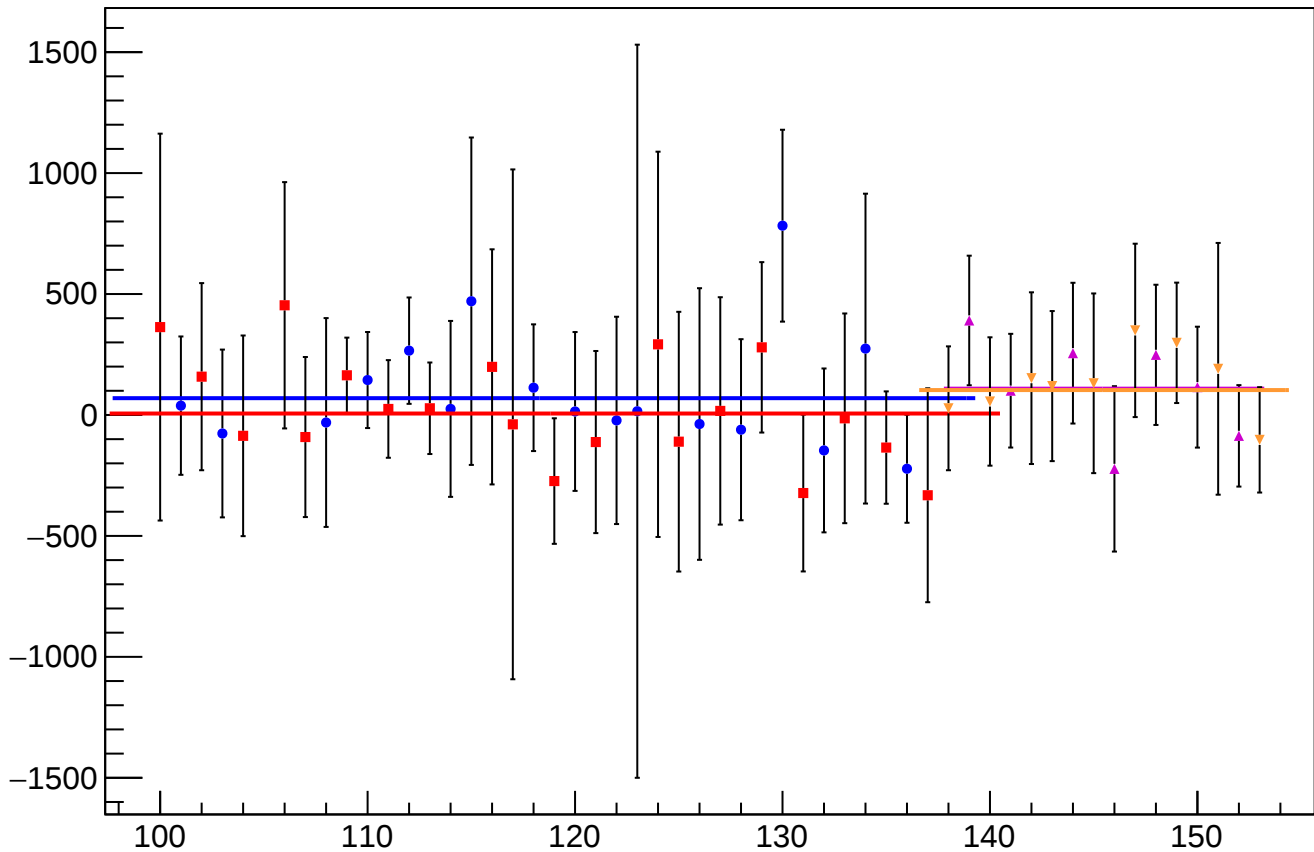
Left In: 11.221 $\pm$ 0.003 χ^2 /NDF: 59428.6/6

11.250 $\pm$ 0.002 χ^2 /NDF: 179646.9/25

11.249 $\pm$ 0.002 χ^2 /NDF: 387659.6/52

11.248 $\pm$ 0.002 χ^2 /NDF: 208012.5/26

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: 102.964+/-98.183 χ^2/NDF : 2.2/8

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

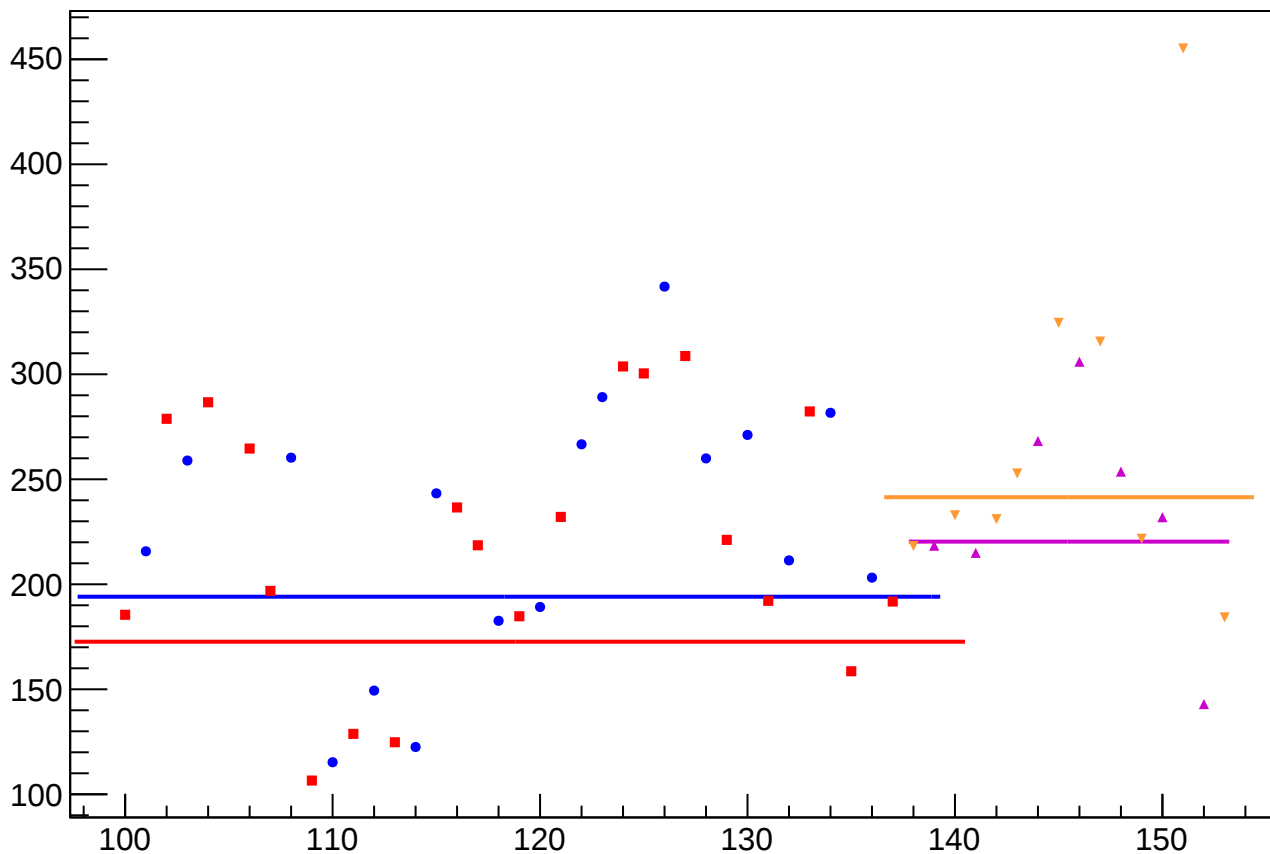
Left In: 108.786+/-98.508 χ^2/NDF : 3.4/6

82.680+/-61.659 χ^2/NDF : 9.5/25

59.965+/-41.885 χ^2/NDF : 20.4/52

40.503+/-57.075 χ^2/NDF : 10.6/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 241.467 $\pm$ 0.069 χ^2/NDF : 696289.4/8

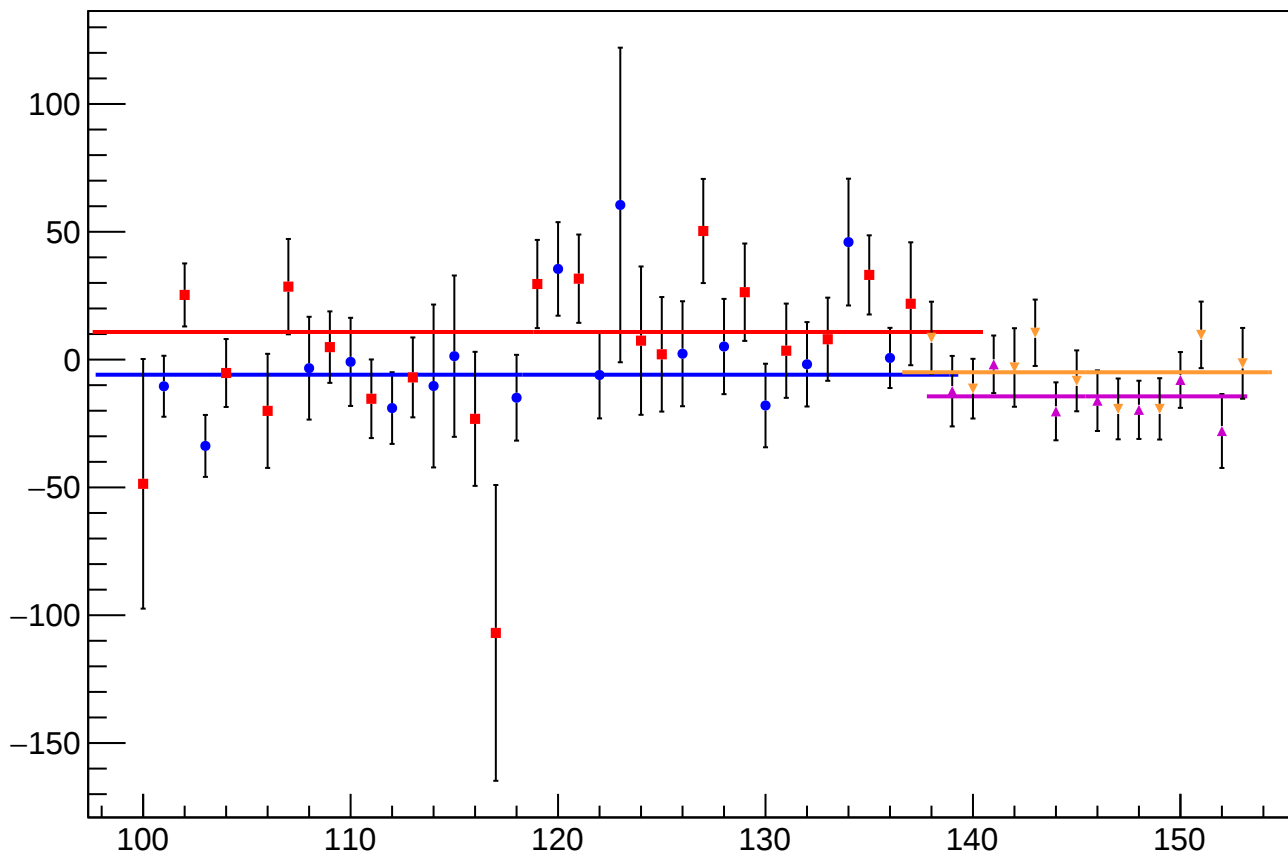
Left In: 220.315 $\pm$ 0.070 χ^2/NDF : 483815.9/6

212.770 $\pm$ 0.044 χ^2/NDF : 1983810.9/25

199.783 $\pm$ 0.030 χ^2/NDF : 4516645.6/52

188.655 $\pm$ 0.040 χ^2/NDF : 2368082.0/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.912 $\pm$ 4.133 χ^2 /NDF: 18.8/16

Left Out: -4.950 $\pm$ 4.276 χ^2 /NDF: 6.9/8

Right Out: 10.806 $\pm$ 4.068 χ^2 /NDF: 27.0/19

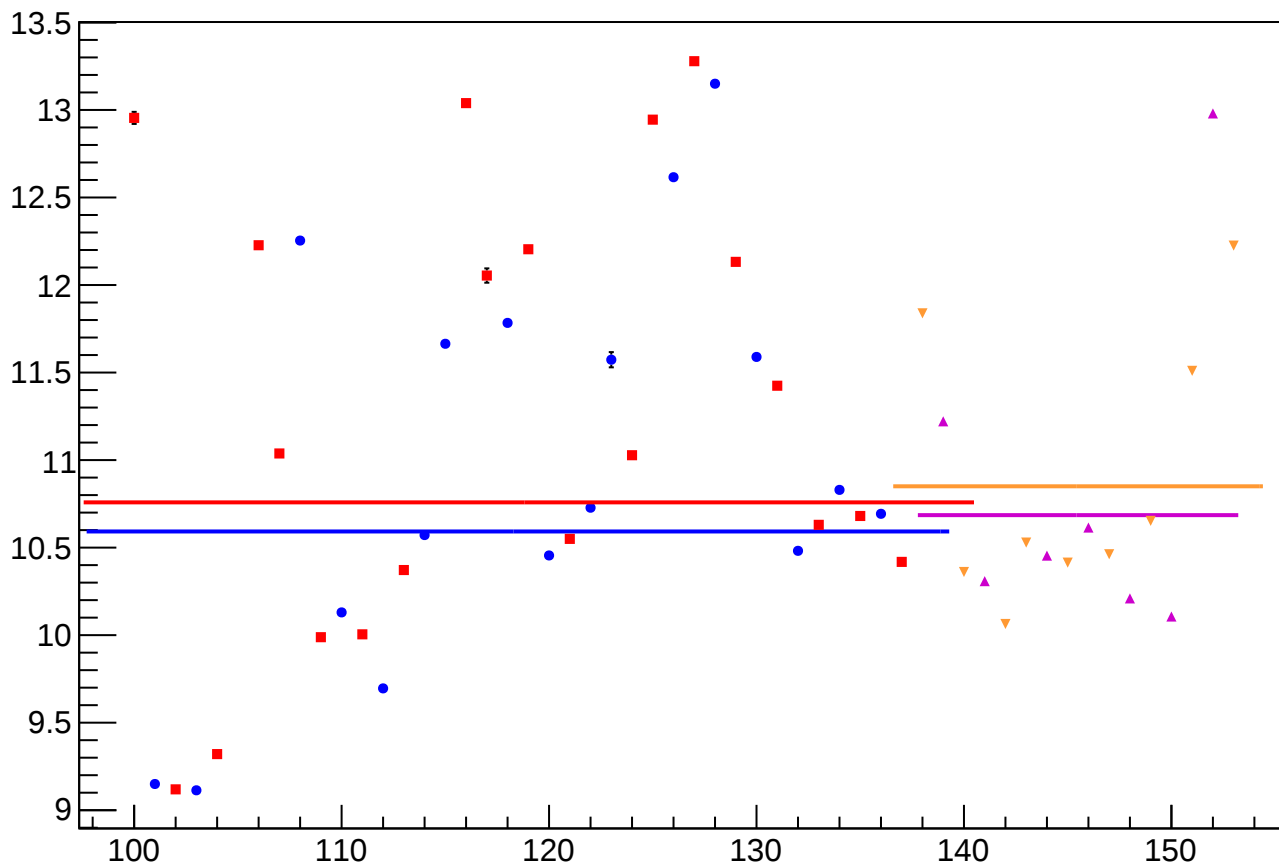
Left In: -14.379 $\pm$ 4.521 χ^2 /NDF: 3.0/6

-5.448 $\pm$ 2.972 χ^2 /NDF: 25.8/25

-2.999 $\pm$ 2.120 χ^2 /NDF: 74.3/52

-0.462 $\pm$ 3.024 χ^2 /NDF: 47.2/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.592 ± 0.003 $\chi^2/\text{NDF}: 160397.9/16$

Left Out: 10.850 ± 0.003 $\chi^2/\text{NDF}: 49964.6/8$

Right Out: 10.758 ± 0.003 $\chi^2/\text{NDF}: 177903.3/19$

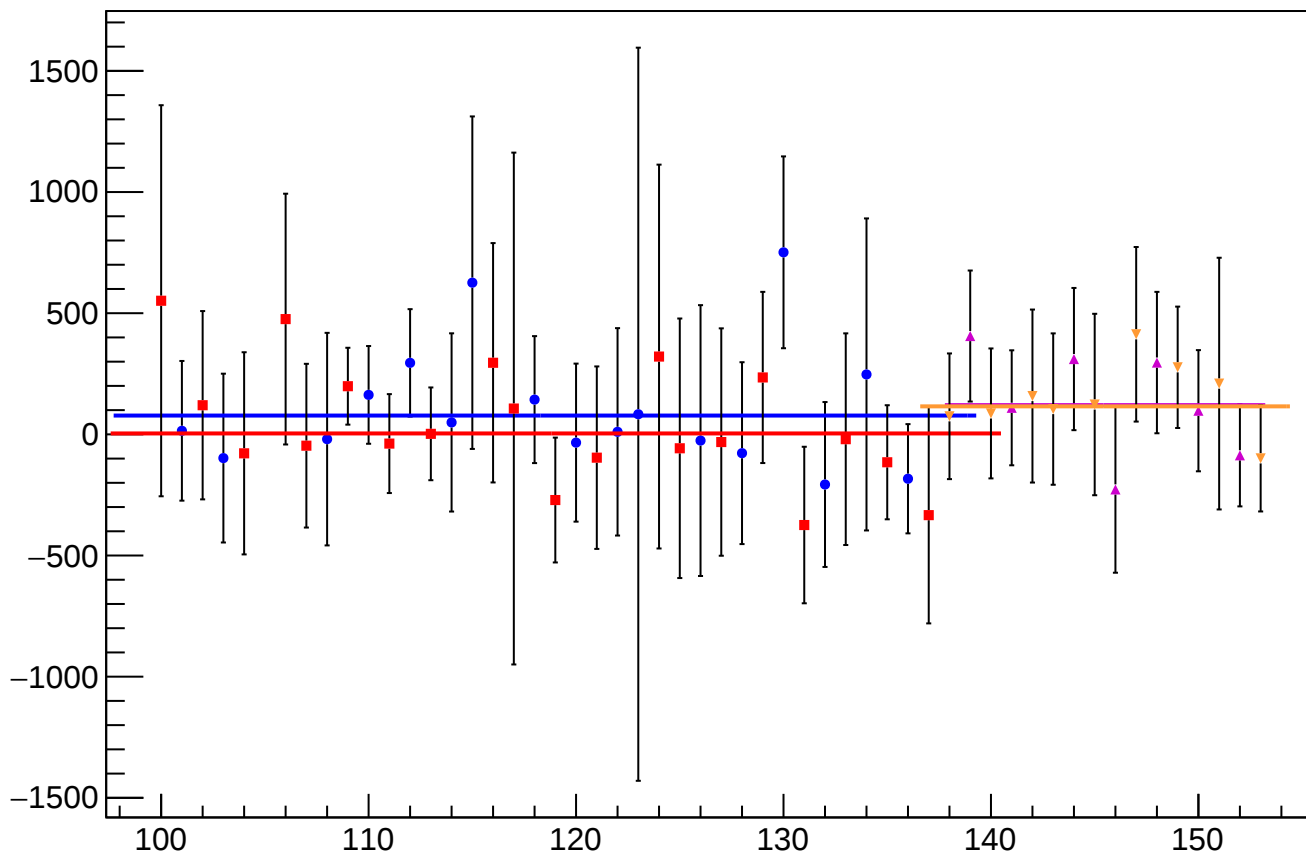
Left In: 10.686 ± 0.003 $\chi^2/\text{NDF}: 65678.1/6$

10.717 ± 0.002 $\chi^2/\text{NDF}: 214126.3/25$

10.721 ± 0.001 $\chi^2/\text{NDF}: 458004.1/52$

10.726 ± 0.002 $\chi^2/\text{NDF}: 243868.9/26$

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: 115.534 $\pm$ 98.925 χ^2 /NDF: 2.1/8

Right Out: 3.768 $\pm$ 70.696 χ^2 /NDF: 7.4/19

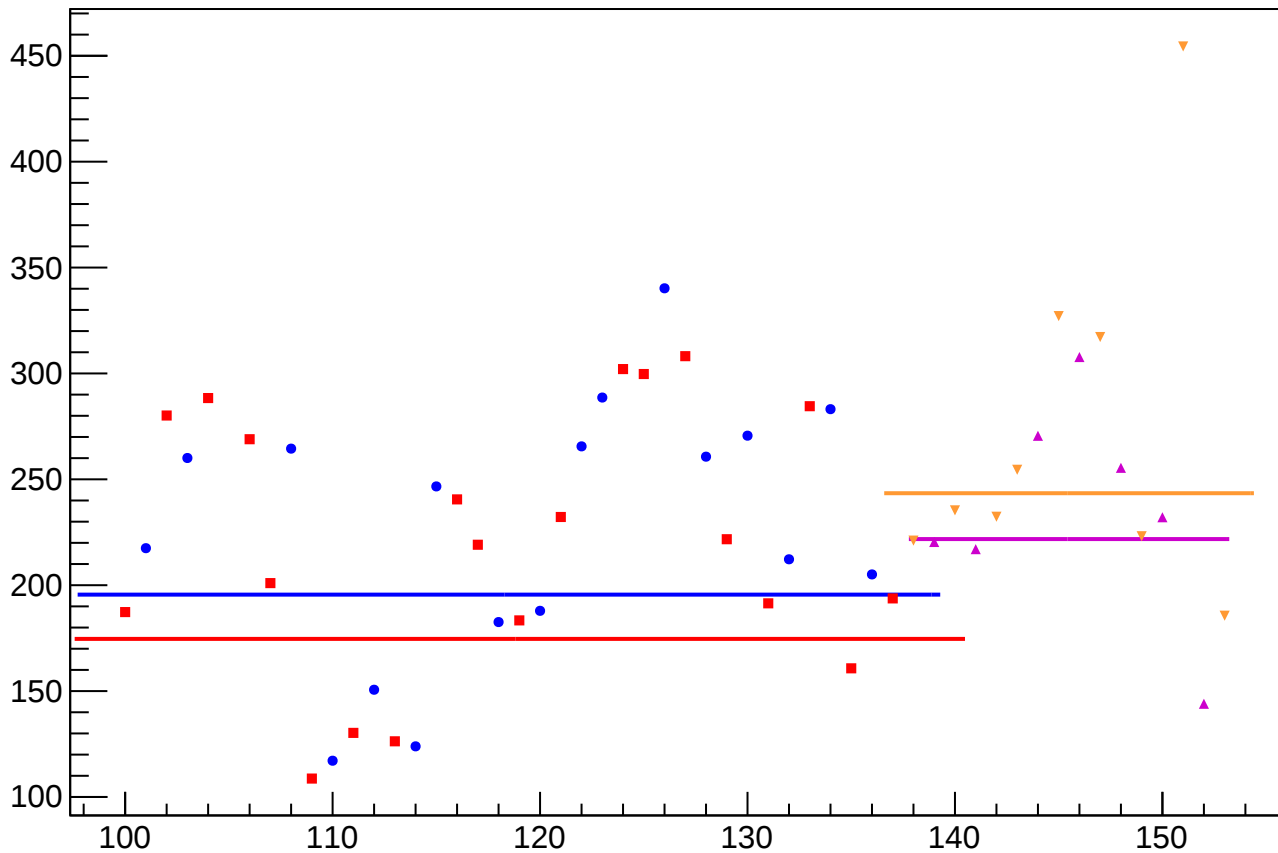
Left In: 120.639 $\pm$ 99.126 χ^2 /NDF: 3.9/6

92.536 $\pm$ 62.087 χ^2 /NDF: 9.8/25

65.987 $\pm$ 42.210 χ^2 /NDF: 22.3/52

43.171 $\pm$ 57.557 χ^2 /NDF: 12.2/26

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: 243.439 +/- 0.070 χ^2/NDF : 687310.8/8

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

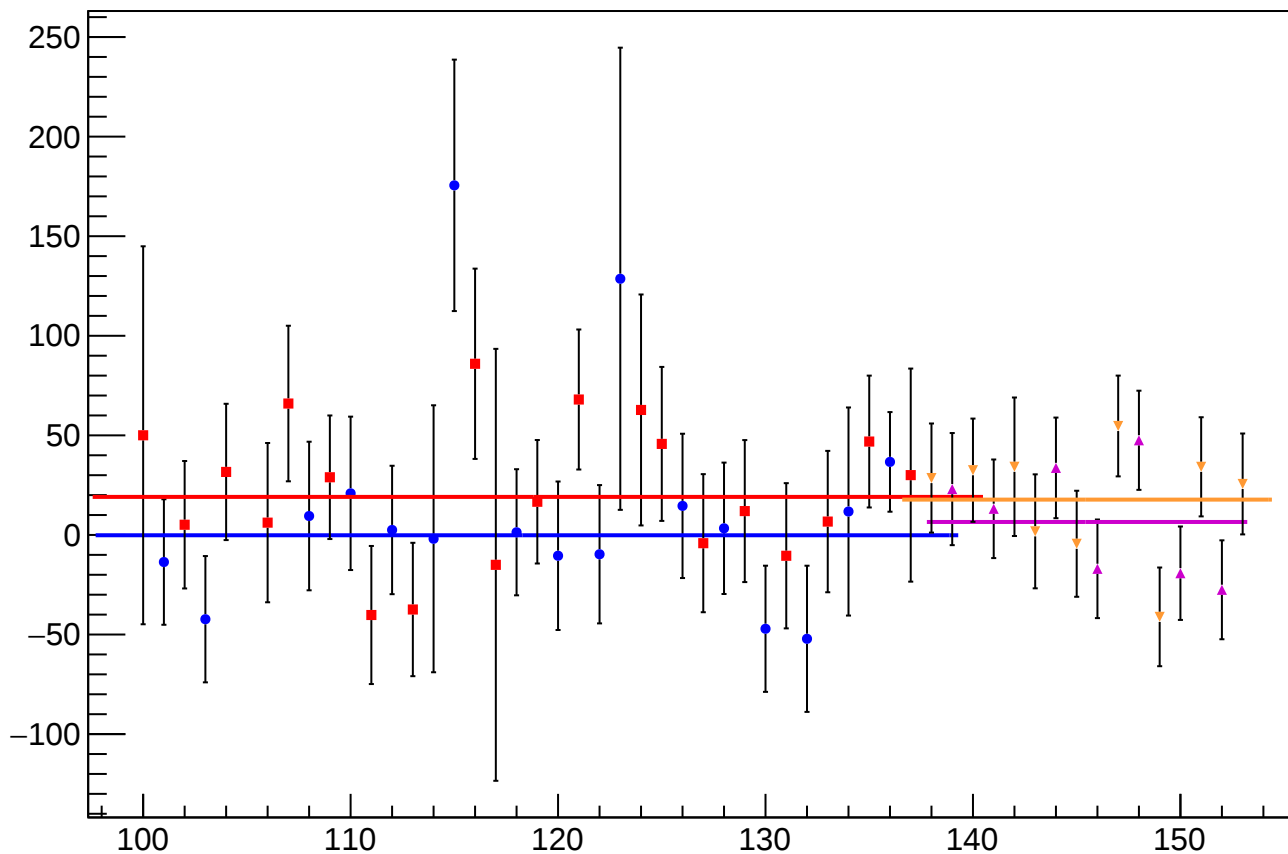
Left In: 221.786 +/- 0.070 χ^2/NDF : 483464.4/6

214.415 +/- 0.044 χ^2/NDF : 1951314.3/25

201.576 +/- 0.030 χ^2/NDF : 4425767.1/52

190.542 +/- 0.041 χ^2/NDF : 2315426.8/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 17.740 ± 8.893 χ^2/NDF : 10.0/8

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

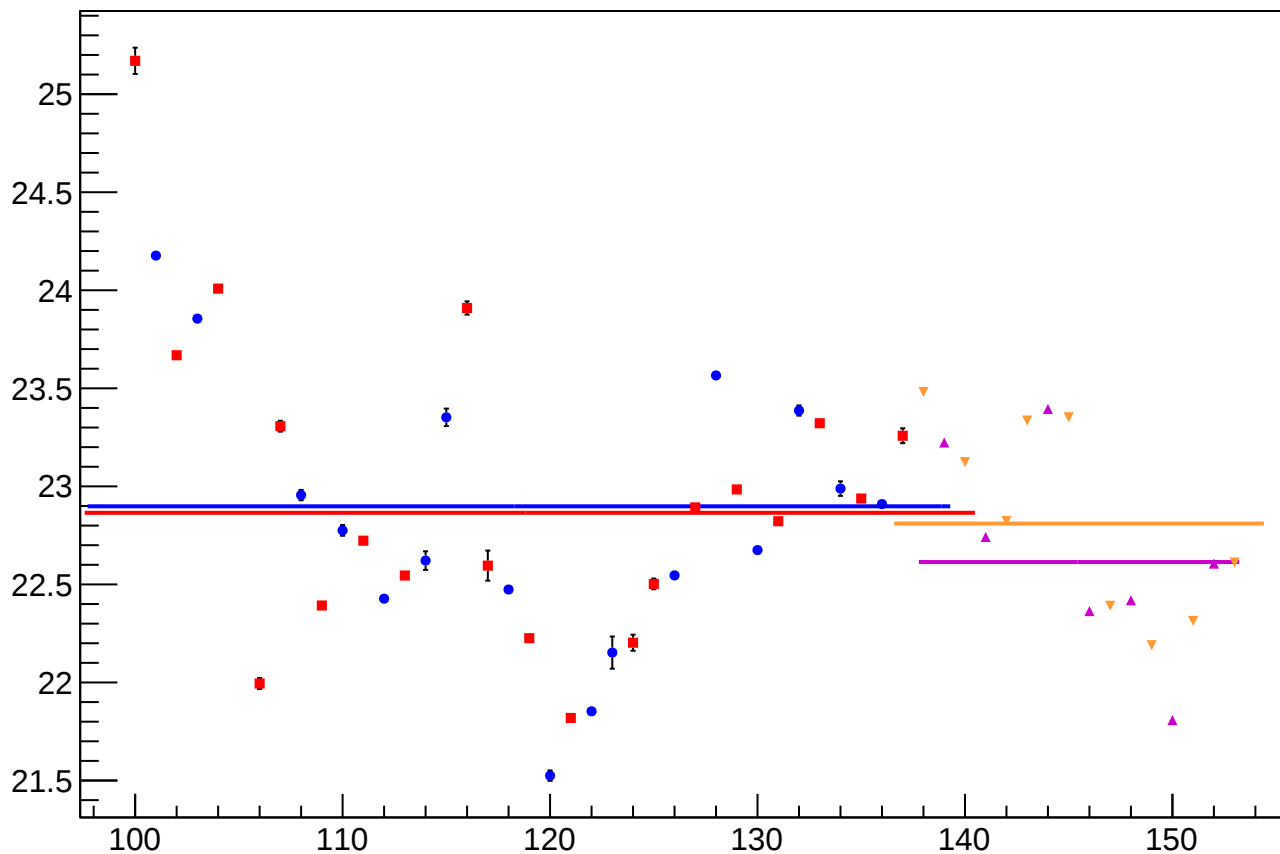
Left In: 6.514 ± 9.472 χ^2/NDF : 8.3/6

8.723 ± 6.265 χ^2/NDF : 30.1/25

11.068 ± 4.455 χ^2/NDF : 54.6/52

13.468 ± 6.337 χ^2/NDF : 24.2/26

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: 22.810 $\pm$ 0.006 χ^2 /NDF: 5718.2/8

Right Out: 22.865 $\pm$ 0.006 χ^2 /NDF: 11060.8/19

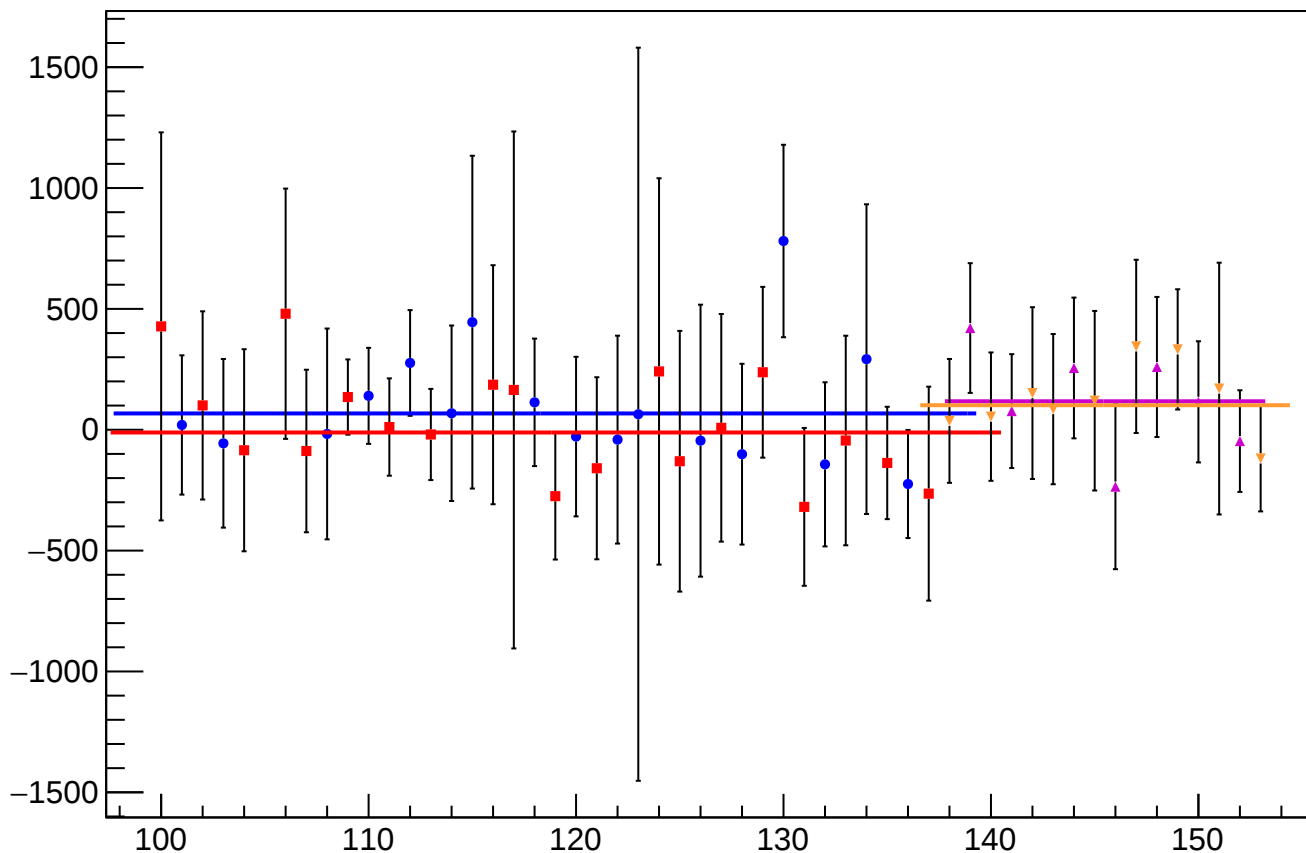
Left In: 22.614 $\pm$ 0.007 χ^2 /NDF: 5591.0/6

22.855 $\pm$ 0.004 χ^2 /NDF: 17960.0/25

22.804 $\pm$ 0.003 χ^2 /NDF: 35649.2/52

22.753 $\pm$ 0.004 χ^2 /NDF: 17428.2/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 101.508+/-98.342 χ^2/NDF : 2.5/8

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

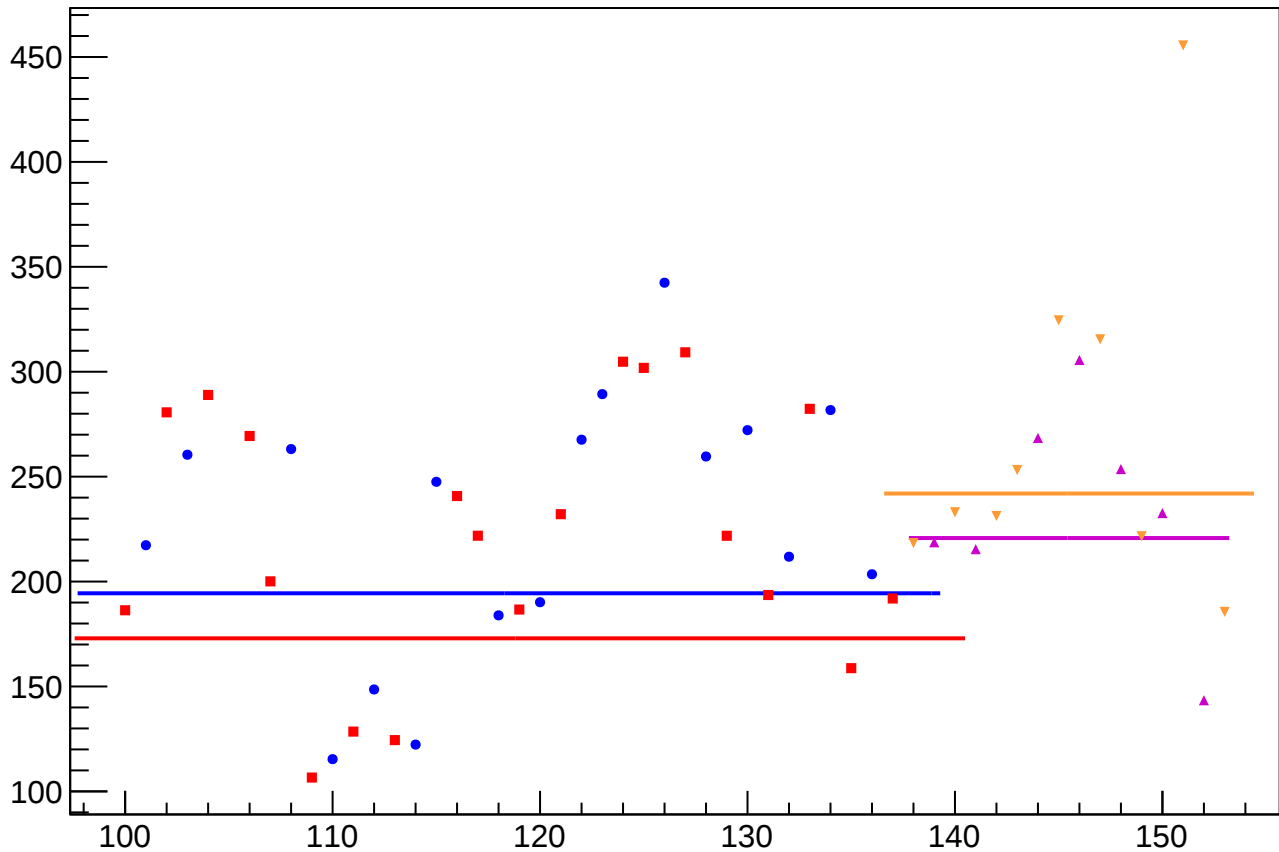
Left In: 117.761+/-98.665 χ^2/NDF : 3.5/6

80.890+/-61.780 χ^2/NDF : 9.9/25

54.589+/-41.973 χ^2/NDF : 20.6/52

32.042+/-57.201 χ^2/NDF : 10.4/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.411 $\pm$ 0.056 χ^2/NDF : 1019913.2/16

Left Out: 241.956 $\pm$ 0.070 χ^2/NDF : 688794.7/8

Right Out: 172.942 $\pm$ 0.050 χ^2/NDF : 1600959.1/19

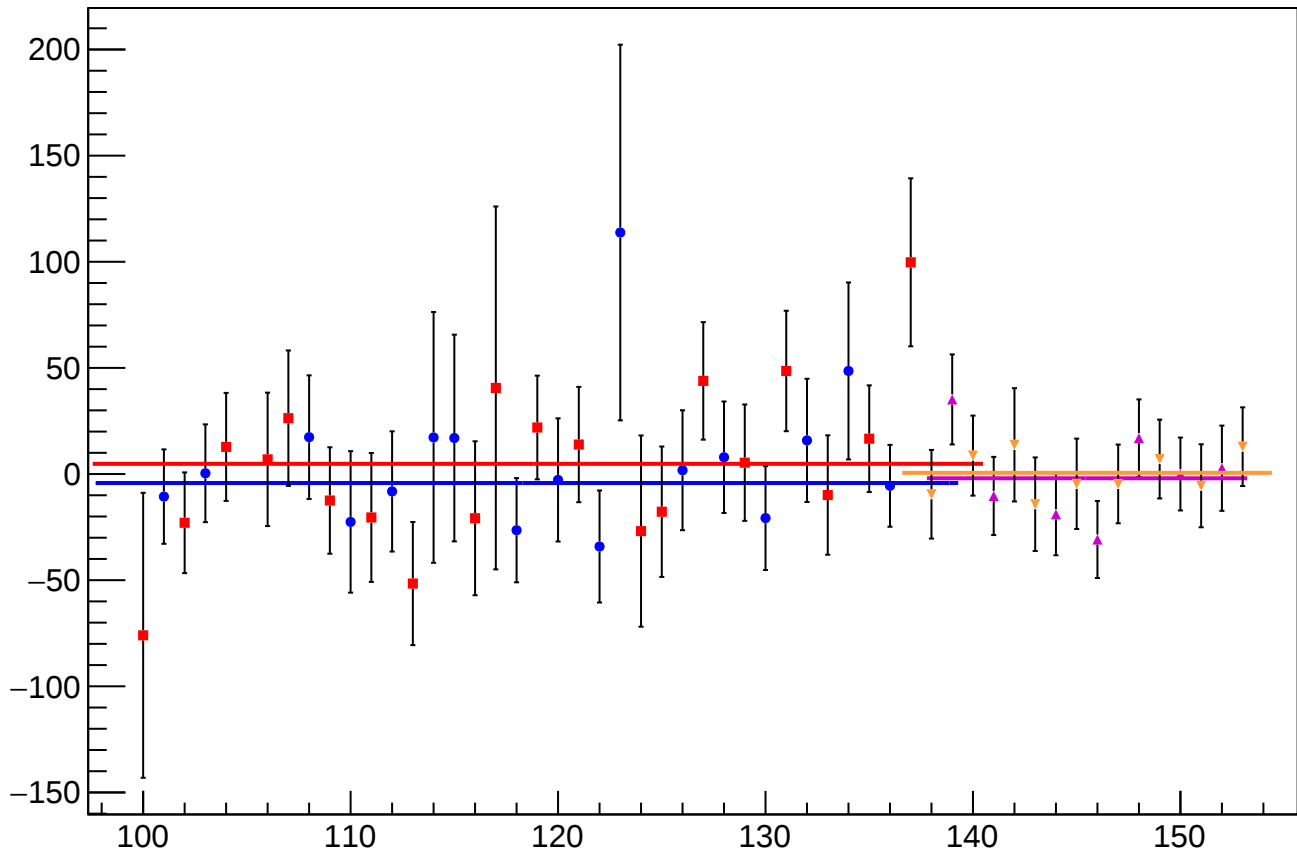
Left In: 220.738 $\pm$ 0.070 χ^2/NDF : 478954.7/6

213.175 $\pm$ 0.044 χ^2/NDF : 1991703.8/25

200.162 $\pm$ 0.030 χ^2/NDF : 4547997.9/52

189.007 $\pm$ 0.040 χ^2/NDF : 2391498.9/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.223 ± 6.871 $\chi^2/\text{NDF}: 8.0/16$

Left Out: 0.571 ± 6.724 $\chi^2/\text{NDF}: 1.9/8$

Right Out: 4.820 ± 6.704 $\chi^2/\text{NDF}: 21.3/19$

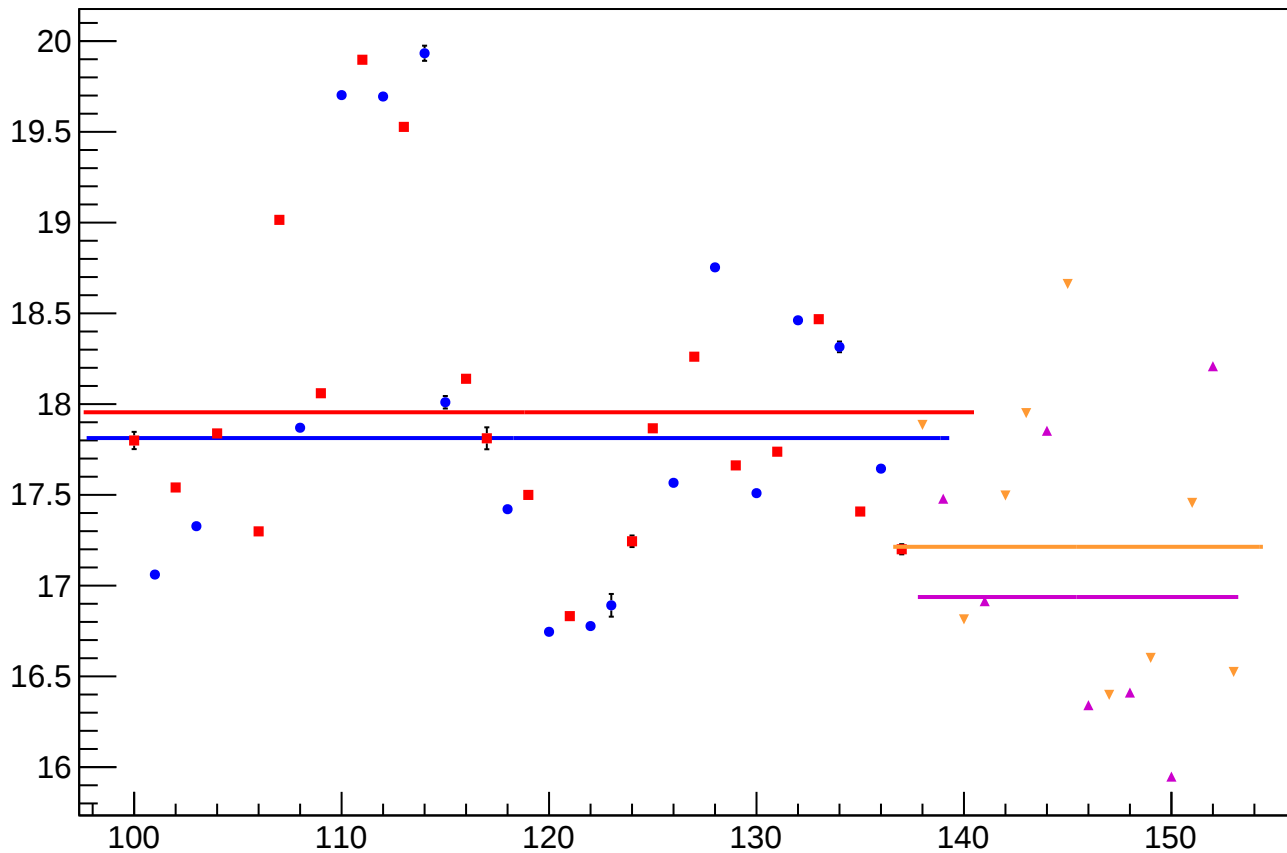
Left In: -1.992 ± 7.111 $\chi^2/\text{NDF}: 7.7/6$

-1.774 ± 4.806 $\chi^2/\text{NDF}: 10.2/25$

-0.105 ± 3.424 $\chi^2/\text{NDF}: 39.9/52$

1.614 ± 4.878 $\chi^2/\text{NDF}: 29.5/26$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.813 $\pm$ 0.005 χ^2 /NDF: 32034.8/16

Left Out: 17.214 $\pm$ 0.005 χ^2 /NDF: 23792.3/8

Right Out: 17.955 $\pm$ 0.005 χ^2 /NDF: 25451.0/19

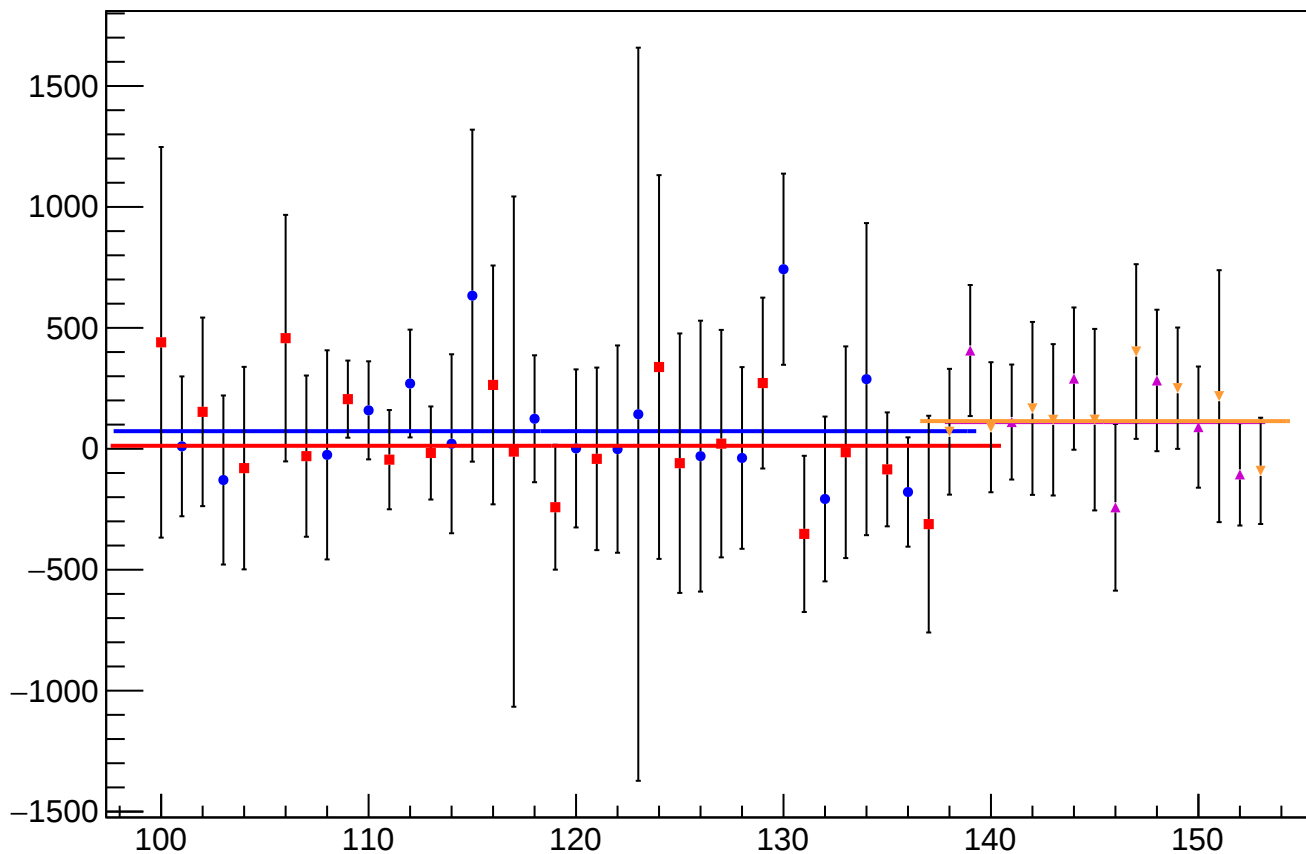
Left In: 16.937 $\pm$ 0.005 χ^2 /NDF: 24299.6/6

17.507 $\pm$ 0.003 χ^2 /NDF: 63593.3/25

17.492 $\pm$ 0.002 χ^2 /NDF: 135077.6/52

17.476 $\pm$ 0.003 χ^2 /NDF: 71443.5/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 72.888 $\pm$ 79.948 χ^2 /NDF: 7.2/16

Left Out: 114.445 $\pm$ 99.148 χ^2 /NDF: 1.9/8

Right Out: 12.456 $\pm$ 70.853 χ^2 /NDF: 6.7/19

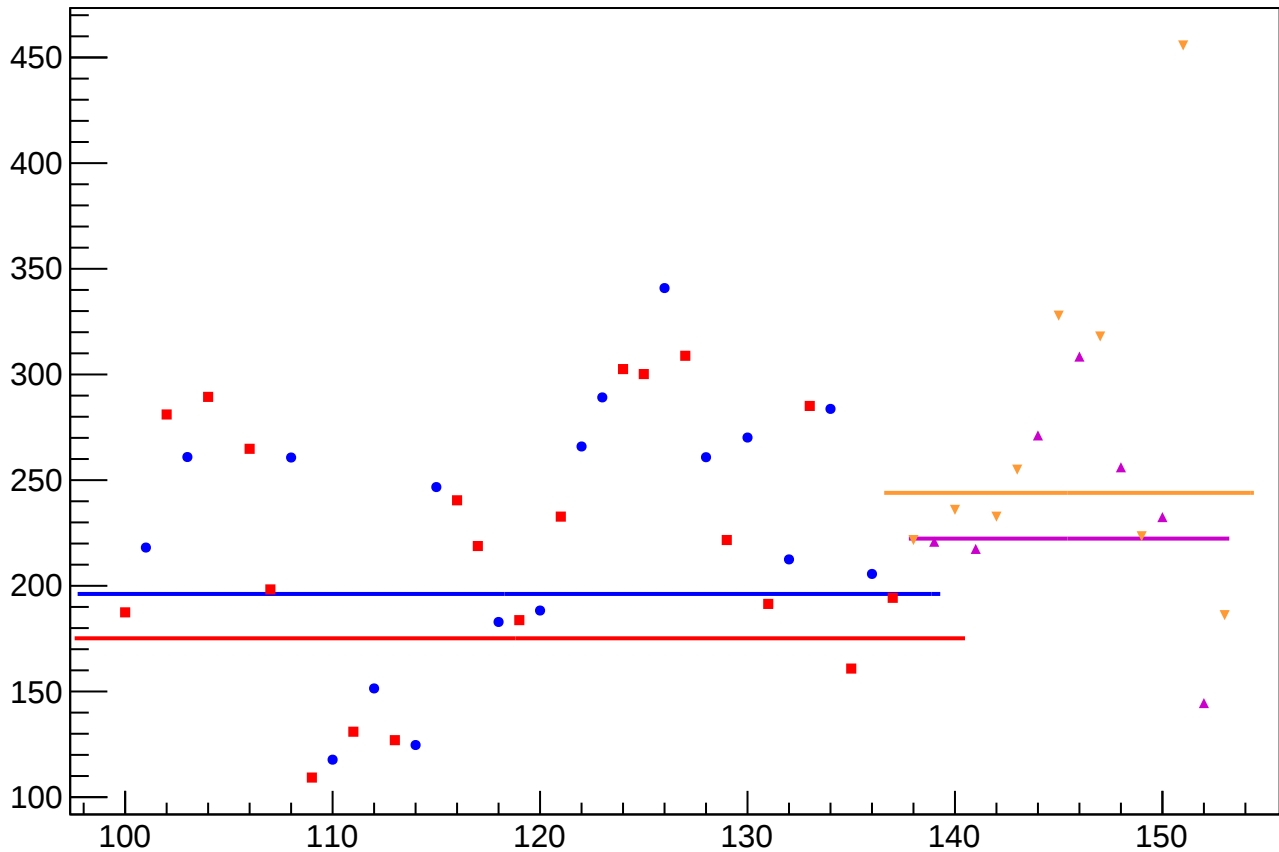
Left In: 110.366 $\pm$ 99.365 χ^2 /NDF: 4.0/6

89.262 $\pm$ 62.236 χ^2 /NDF: 9.2/25

65.702 $\pm$ 42.308 χ^2 /NDF: 20.9/52

45.458 $\pm$ 57.689 χ^2 /NDF: 11.4/26

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.151 $\pm$ 0.057 χ^2 /NDF: 964998.4/16

Left Out: 243.990 $\pm$ 0.070 χ^2 /NDF: 687385.2/8

Right Out: 175.163 $\pm$ 0.050 χ^2 /NDF: 1514398.4/19

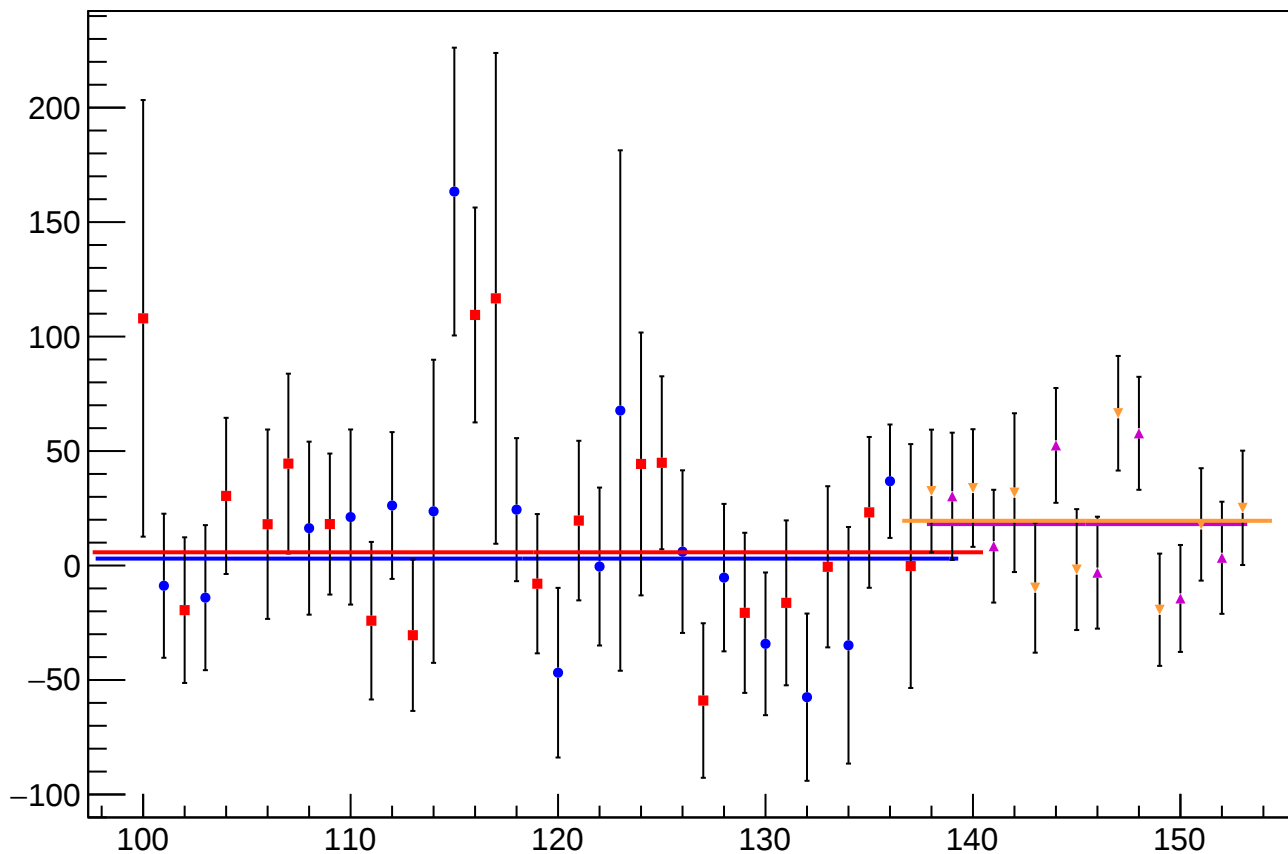
Left In: 222.342 $\pm$ 0.070 χ^2 /NDF: 481722.0/6

215.000 $\pm$ 0.044 χ^2 /NDF: 1934539.1/25

202.126 $\pm$ 0.030 χ^2 /NDF: 4388676.6/52

191.065 $\pm$ 0.041 χ^2 /NDF: 2295033.0/26

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.022 ± 8.751 $\chi^2/\text{NDF}: 17.2/16$

Left Out: 19.536 ± 8.793 $\chi^2/\text{NDF}: 8.5/8$

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

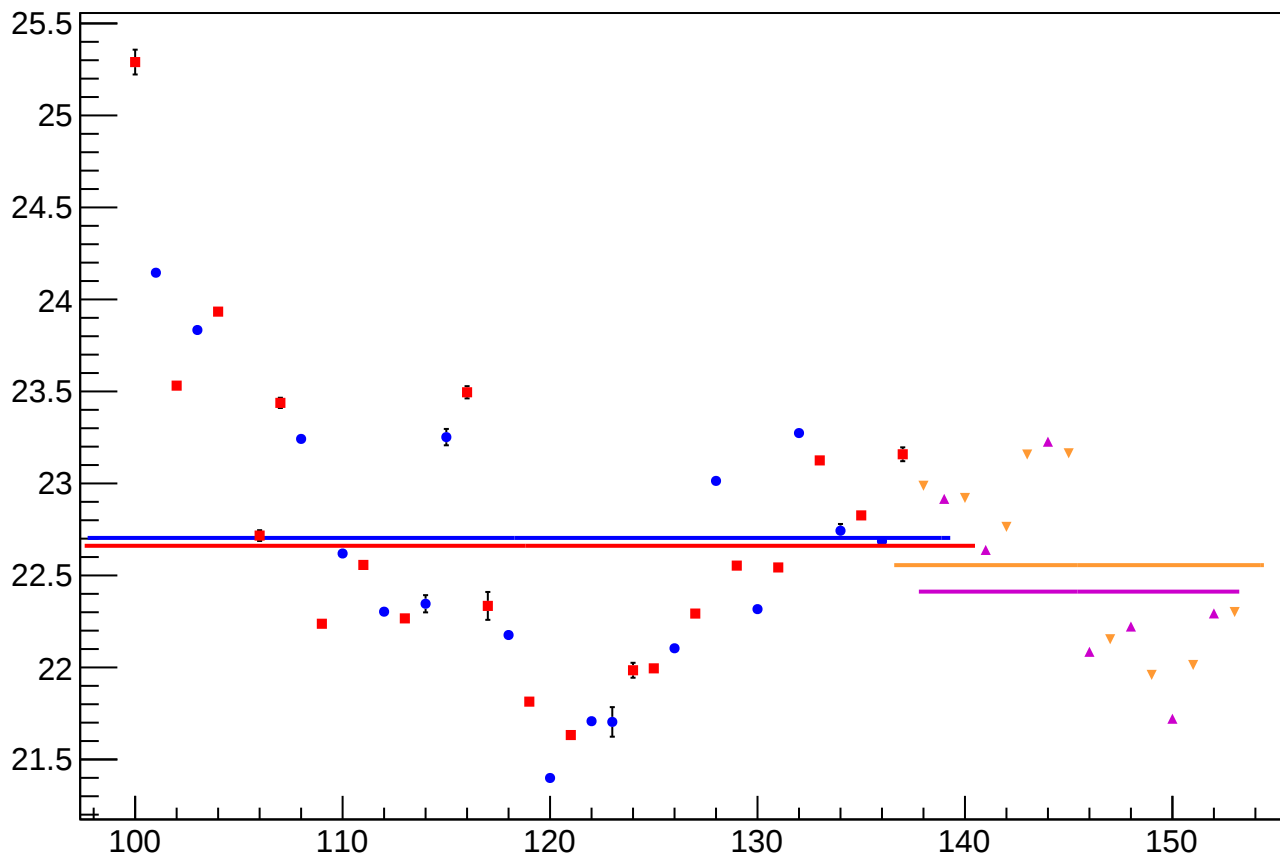
Left In: 18.103 ± 9.386 $\chi^2/\text{NDF}: 7.9/6$

11.240 ± 6.203 $\chi^2/\text{NDF}: 27.4/25$

11.269 ± 4.413 $\chi^2/\text{NDF}: 54.5/52$

11.300 ± 6.280 $\chi^2/\text{NDF}: 27.1/26$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.704 $\pm$ 0.006 χ^2/NDF : 14105.8/16

Left Out: 22.556 $\pm$ 0.006 χ^2/NDF : 5836.2/8

Right Out: 22.661 $\pm$ 0.006 χ^2/NDF : 12962.1/19

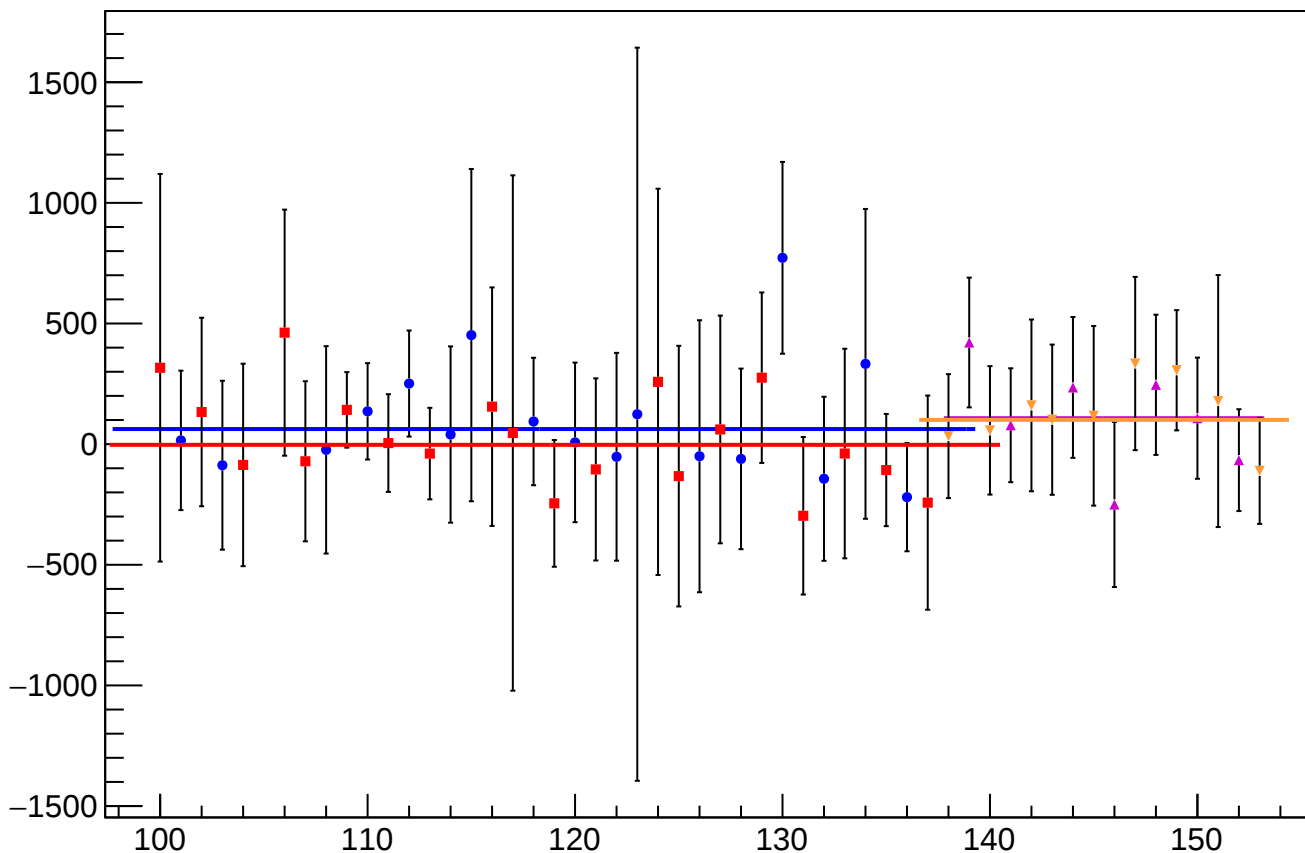
Left In: 22.412 $\pm$ 0.007 χ^2/NDF : 5211.4/6

22.630 $\pm$ 0.004 χ^2/NDF : 20226.3/25

22.590 $\pm$ 0.003 χ^2/NDF : 39344.6/52

22.550 $\pm$ 0.004 χ^2/NDF : 18951.2/26

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: 100.575+/-98.564 χ^2/NDF : 2.2/8

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

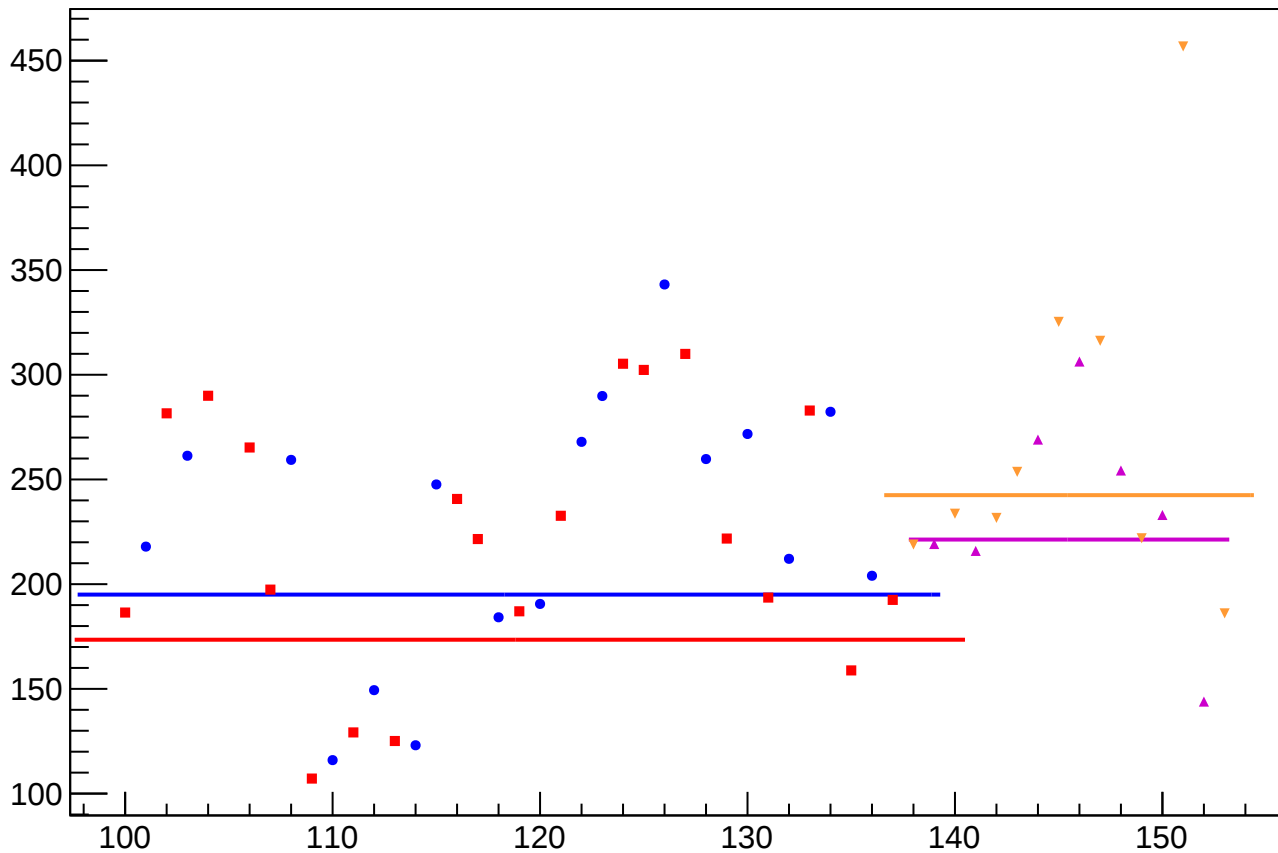
Left In: 107.484+/-98.905 χ^2/NDF : 3.6/6

77.576+/-61.929 χ^2/NDF : 9.3/25

54.243+/-42.073 χ^2/NDF : 19.2/52

34.244+/-57.335 χ^2/NDF : 9.6/26

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: 242.504+/-0.070 χ^2/NDF : 688908.1/8

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

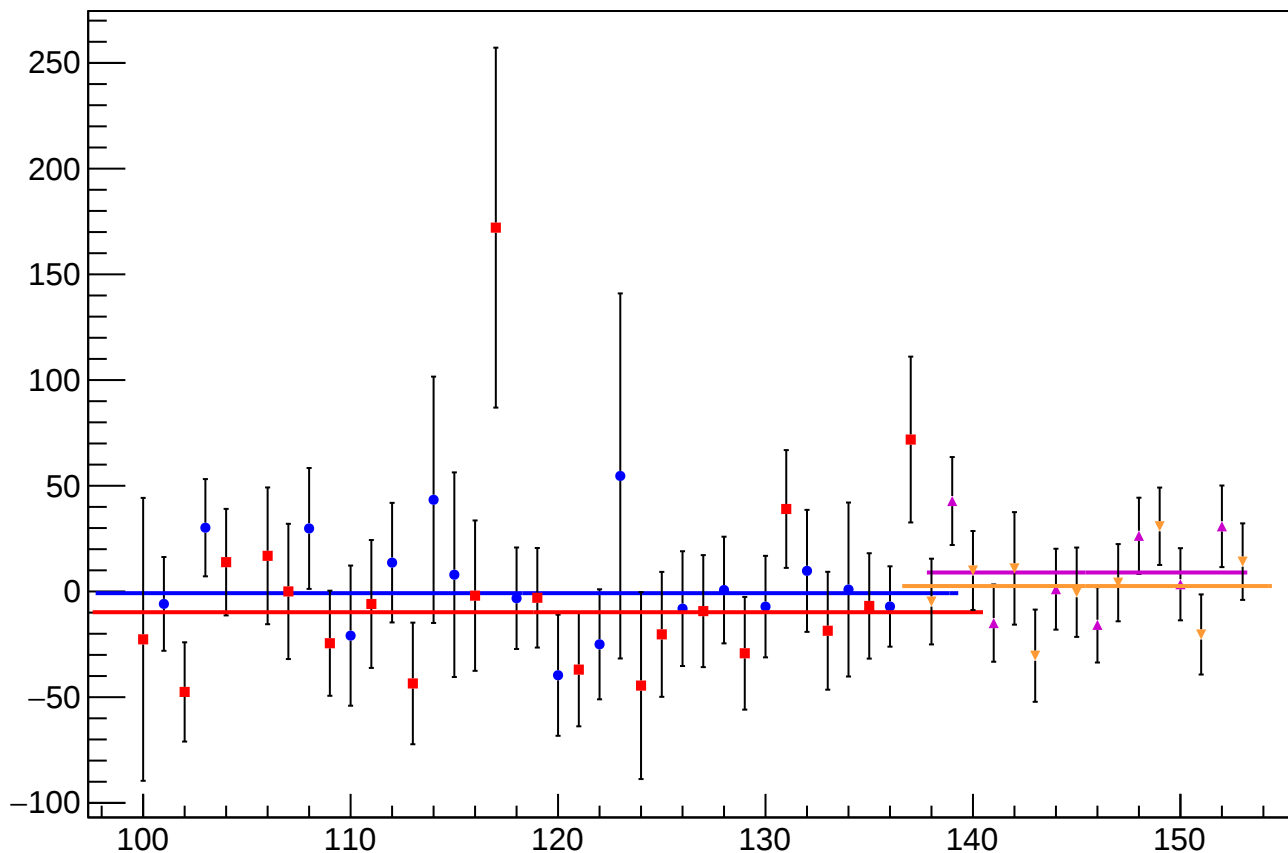
Left In: 221.299+/-0.070 χ^2/NDF : 477116.4/6

213.767+/-0.044 χ^2/NDF : 1974105.7/25

200.724+/-0.030 χ^2/NDF : 4508777.2/52

189.544+/-0.041 χ^2/NDF : 2369911.2/26

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: 2.561 ± 6.612 χ^2/NDF : 6.9/8

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

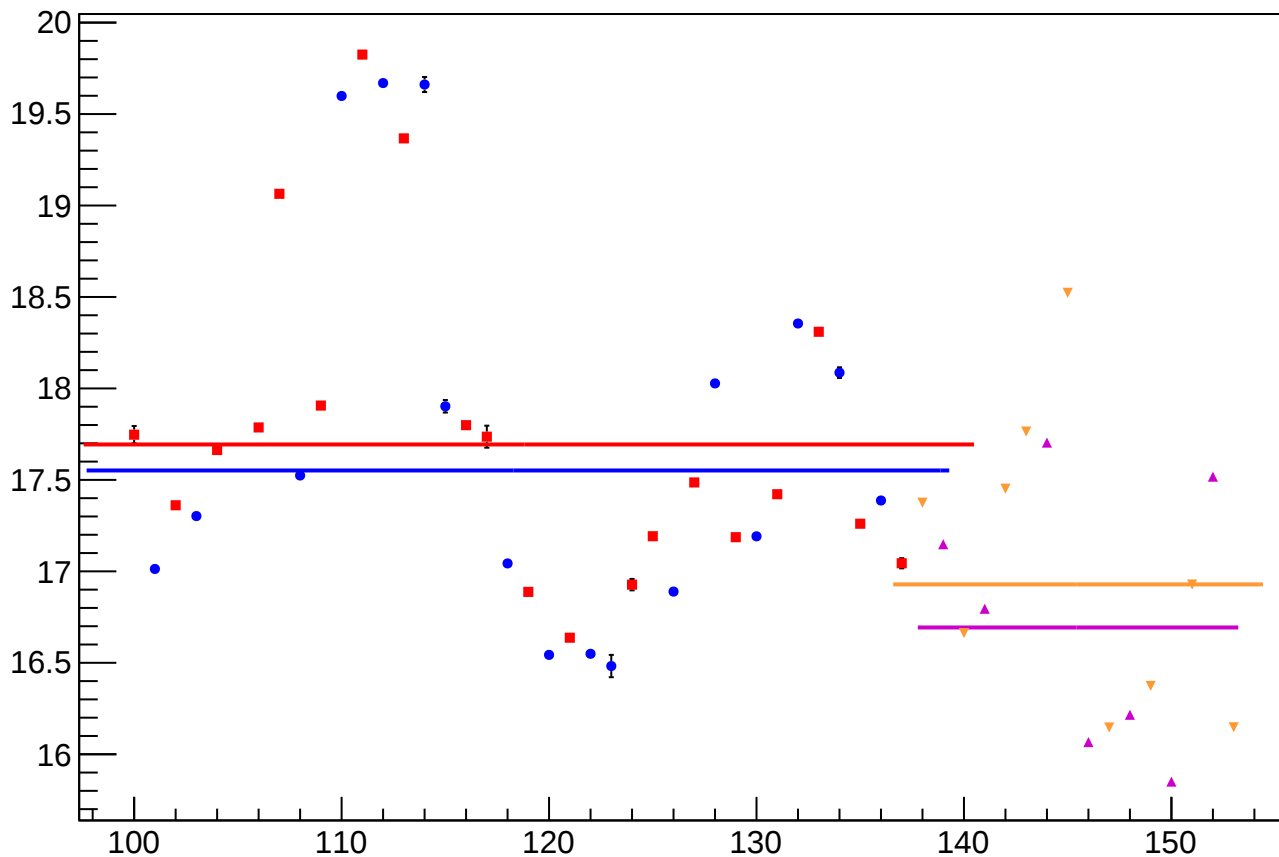
Left In: 8.974 ± 7.004 χ^2/NDF : 8.8/6

0.920 ± 4.730 χ^2/NDF : 14.8/25

-0.008 ± 3.371 χ^2/NDF : 48.0/52

-0.966 ± 4.806 χ^2/NDF : 33.1/26

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: 16.929 $\pm$ 0.005 χ^2 /NDF: 25701.7/8

Right Out: 17.694 $\pm$ 0.005 χ^2 /NDF: 30742.5/19

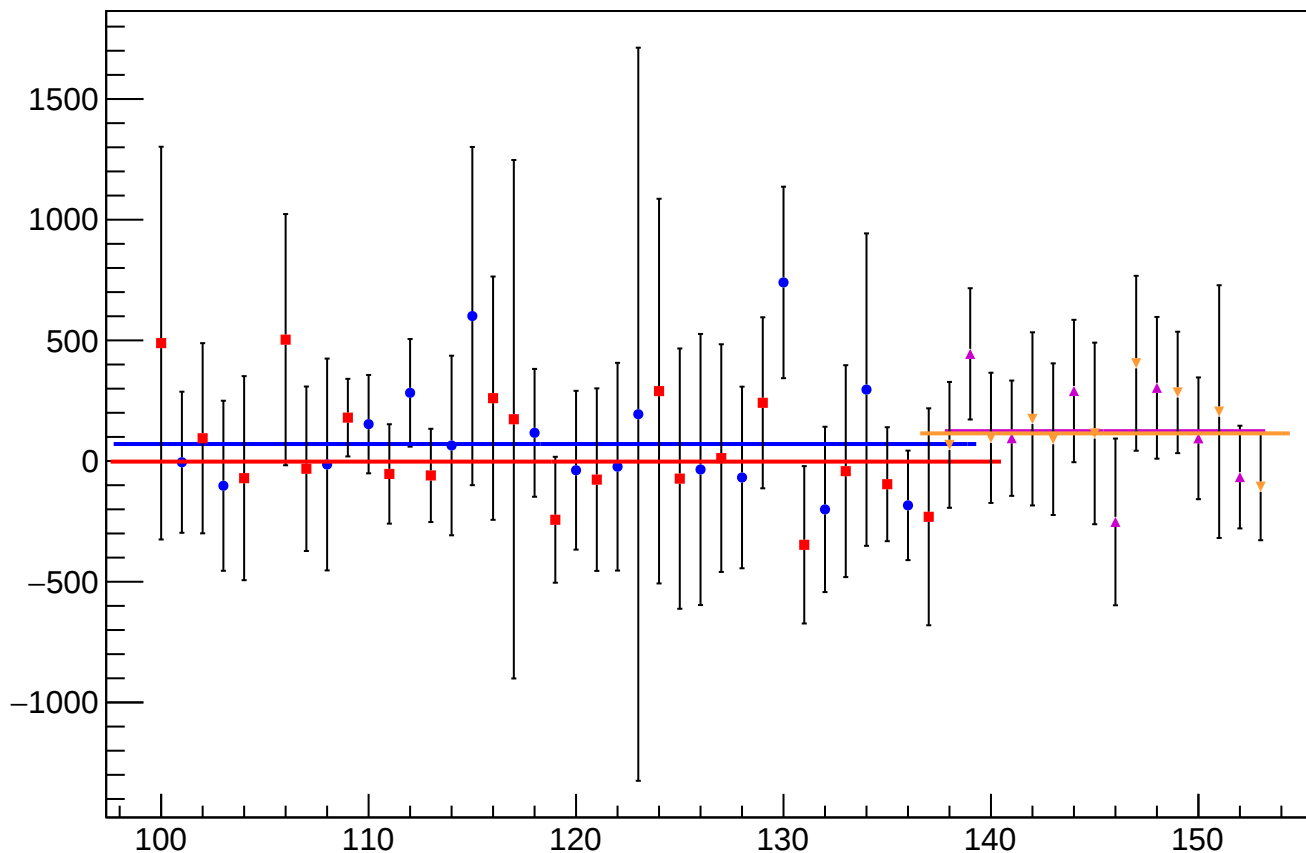
Left In: 16.693 $\pm$ 0.005 χ^2 /NDF: 19004.9/6

17.233 $\pm$ 0.003 χ^2 /NDF: 68392.9/25

17.228 $\pm$ 0.002 χ^2 /NDF: 139739.8/52

17.223 $\pm$ 0.003 χ^2 /NDF: 71342.4/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 70.634 $\pm$ 80.409 χ^2 /NDF: 7.2/16

Left Out: 114.702 $\pm$ 99.593 χ^2 /NDF: 2.2/8

Right Out: -2.285 $\pm$ 71.350 χ^2 /NDF: 6.2/19

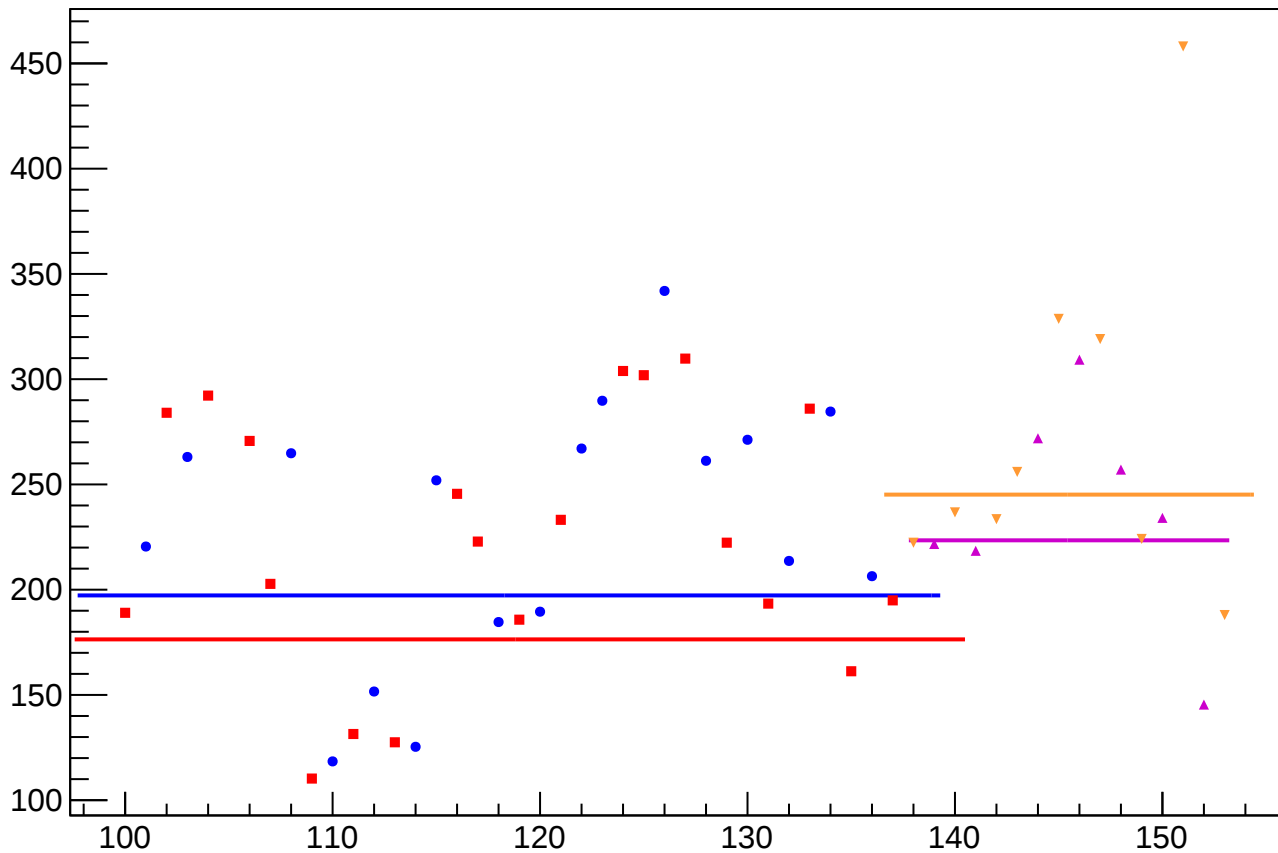
Left In: 123.860 $\pm$ 99.831 χ^2 /NDF: 4.1/6

88.024 $\pm$ 62.563 χ^2 /NDF: 9.5/25

62.413 $\pm$ 42.553 χ^2 /NDF: 21.2/52

40.365 $\pm$ 58.048 χ^2 /NDF: 11.3/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 245.164+/-0.070 χ^2/NDF : 681304.4/8

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

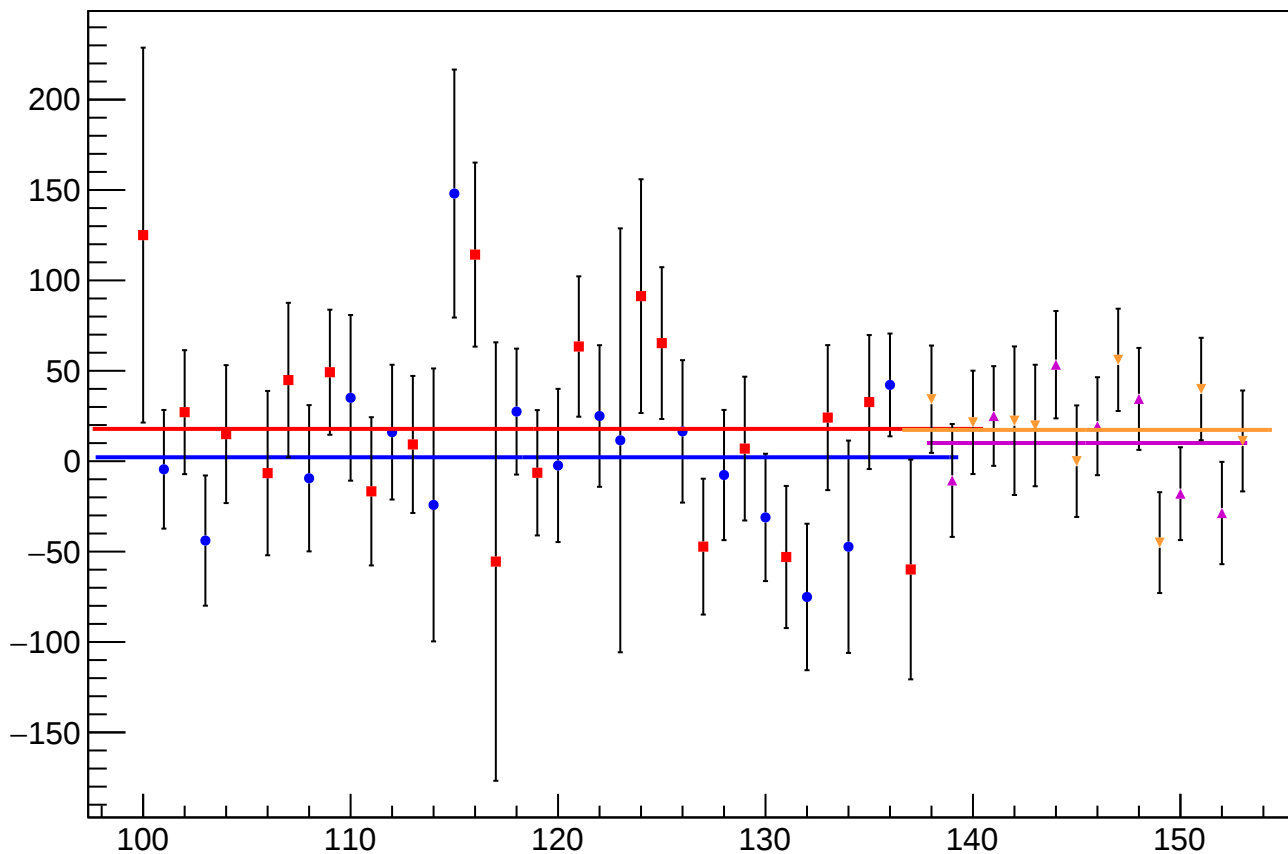
Left In: 223.448+/-0.071 χ^2/NDF : 477175.4/6

216.171+/-0.044 χ^2/NDF : 1930839.9/25

203.342+/-0.030 χ^2/NDF : 4382150.8/52

192.298+/-0.041 χ^2/NDF : 2294823.7/26

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: 17.311+/-10.023 χ^2/NDF : 8.2/8

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

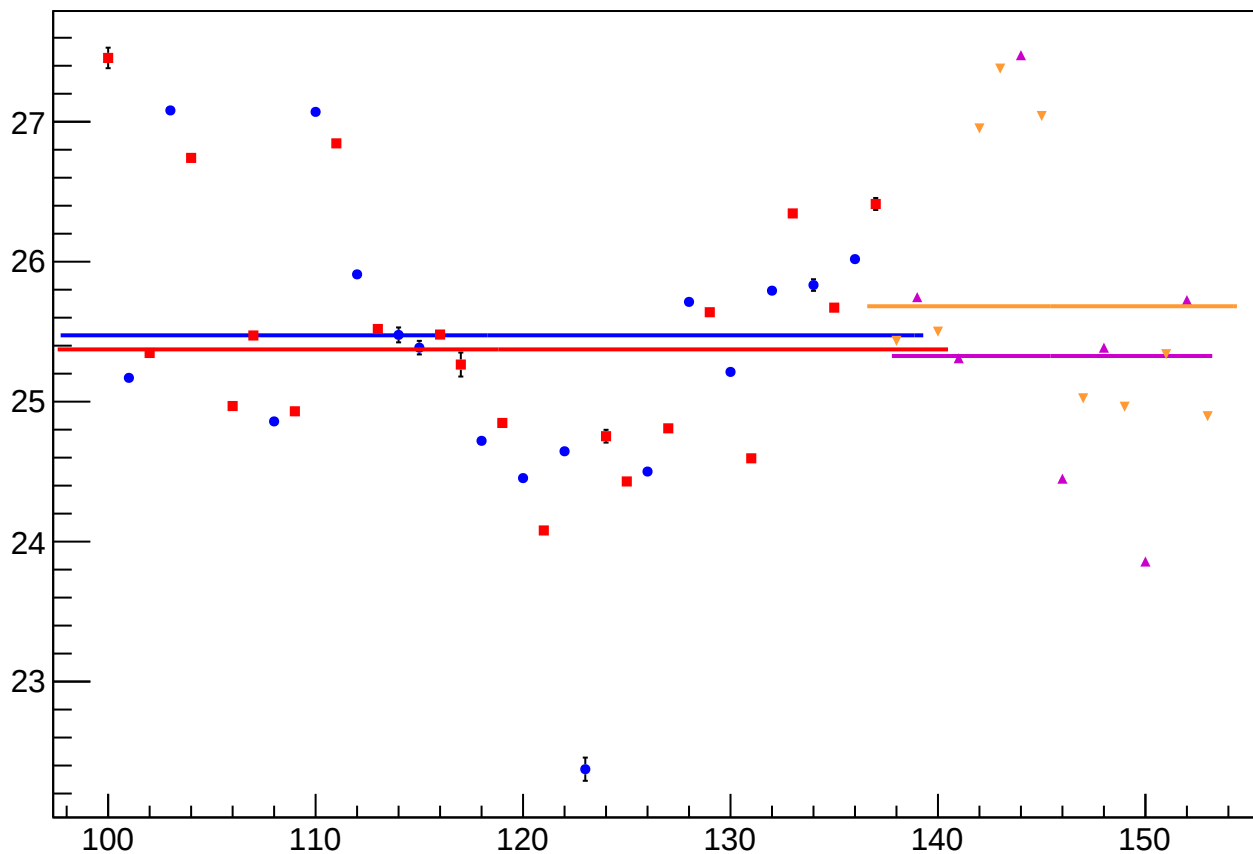
Left In: 10.066+/-10.623 χ^2/NDF : 6.8/6

9.593+/-7.016 χ^2/NDF : 24.8/25

11.986+/-4.979 χ^2/NDF : 52.1/52

14.415+/-7.068 χ^2/NDF : 27.0/26

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: 25.682 $\pm$ 0.007 χ^2 /NDF:15407.2/8

Right Out: 25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

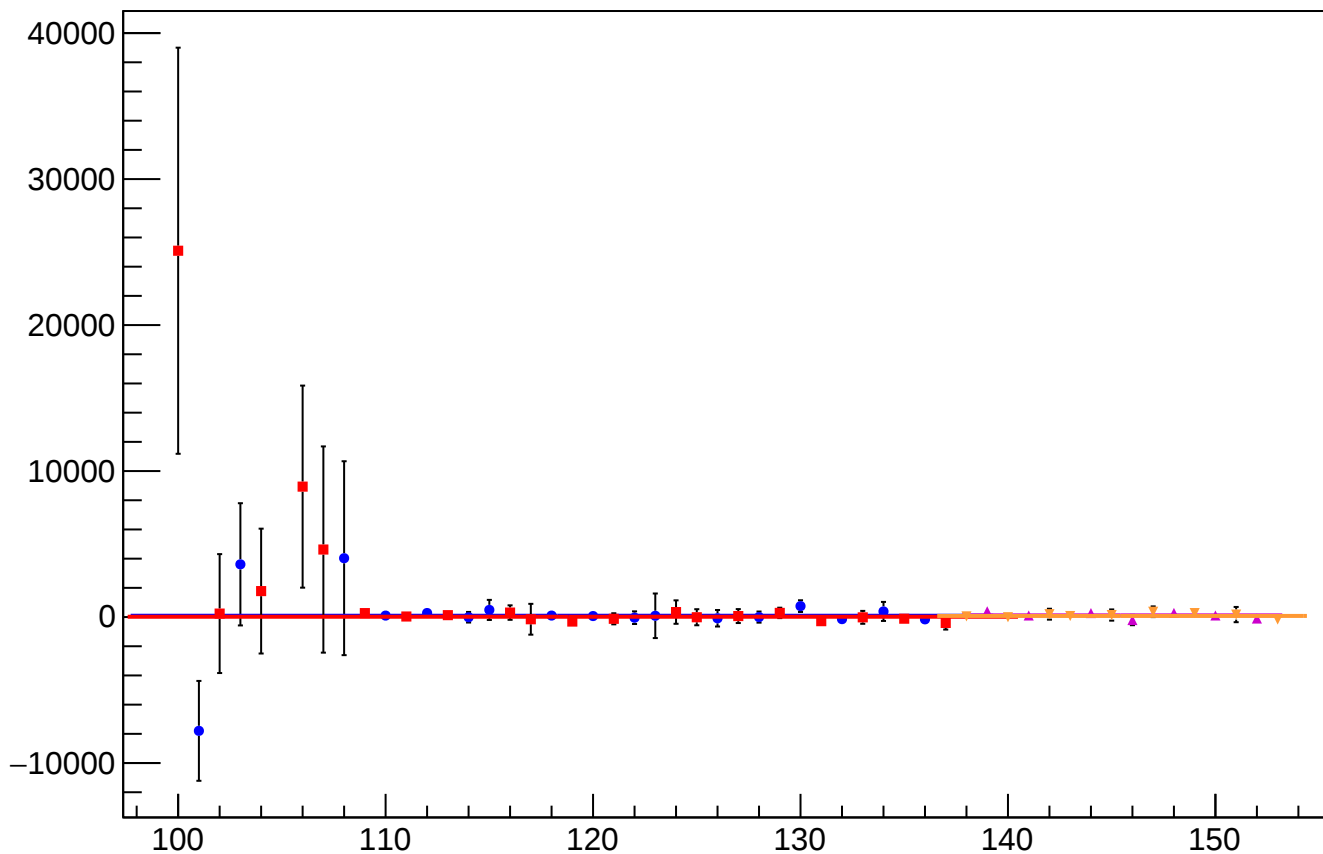
Left In: 25.326 $\pm$ 0.008 χ^2 /NDF:19885.7/6

25.576 $\pm$ 0.005 χ^2 /NDF: 29906.4/25

25.465 $\pm$ 0.004 χ^2 /NDF: 64402.4/52

25.352 $\pm$ 0.005 χ^2 /NDF: 33490.6/26

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: 77.211+/-101.198 χ^2/NDF : 2.6/8

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

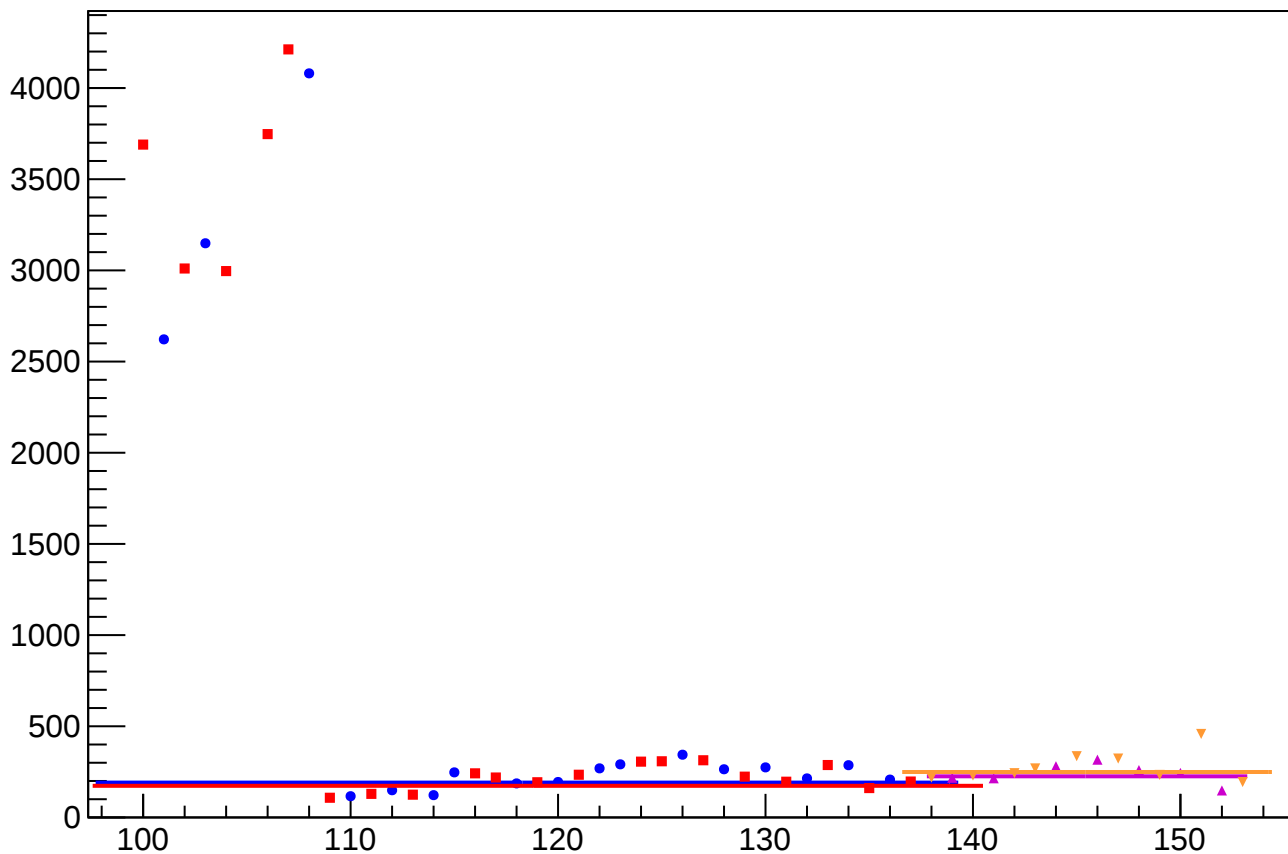
Left In: 116.135+/-100.834 χ^2/NDF : 3.5/6

84.302+/-66.246 χ^2/NDF : 14.9/25

70.746+/-45.648 χ^2/NDF : 31.0/52

58.490+/-62.990 χ^2/NDF : 16.0/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.190 $\pm$ 0.062 χ^2 /NDF: 3571747.5/16

Left Out: 249.281 $\pm$ 0.072 χ^2 /NDF: 672709.2/8

Right Out: 173.536 $\pm$ 0.057 χ^2 /NDF: 4210933.2/19

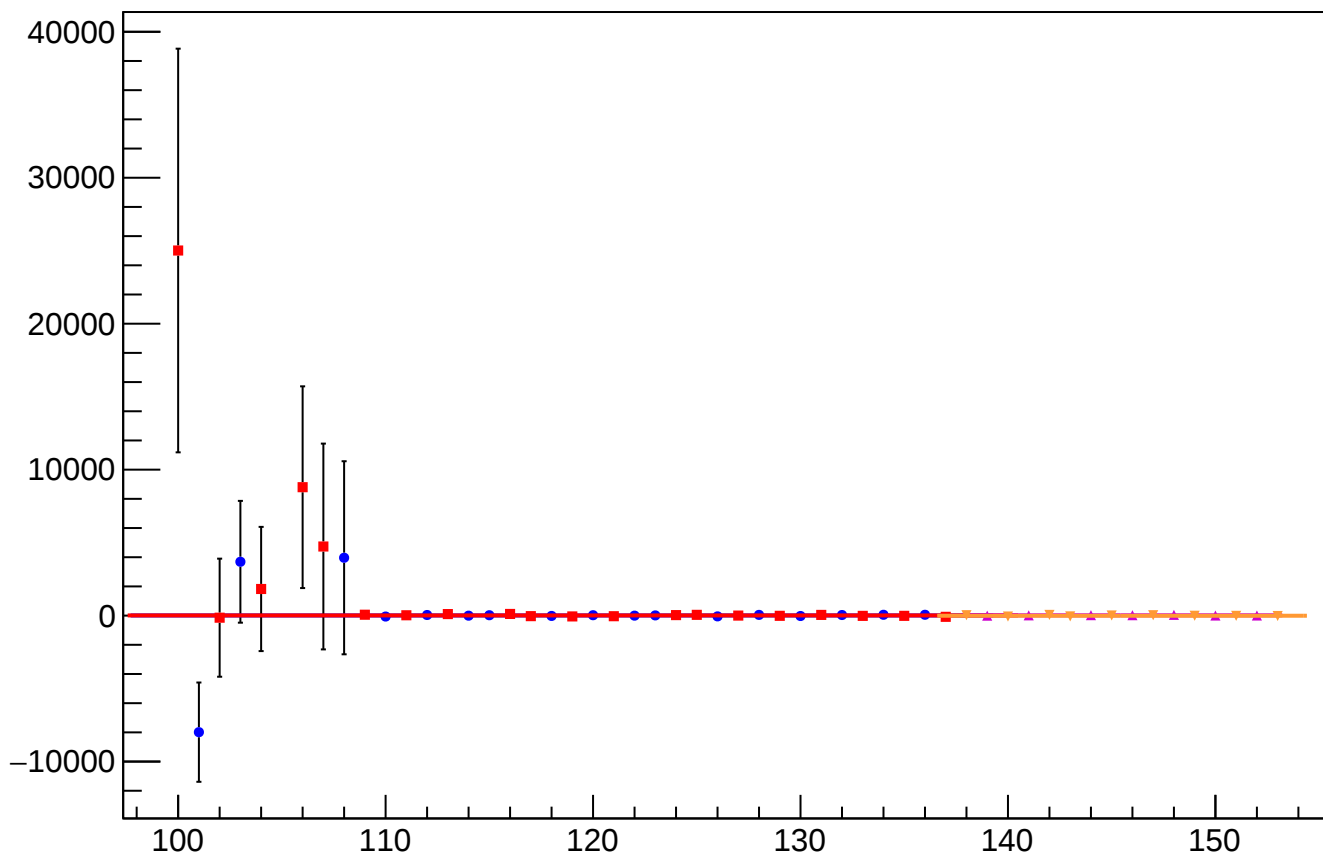
Left In: 225.572 $\pm$ 0.071 χ^2 /NDF: 501582.6/6

216.083 $\pm$ 0.047 χ^2 /NDF: 4621082.1/25

204.403 $\pm$ 0.032 χ^2 /NDF: 9776758.9/52

193.842 $\pm$ 0.045 χ^2 /NDF: 5037283.9/26

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: -9.248+/-11.696 χ^2/NDF : 8.4/8

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

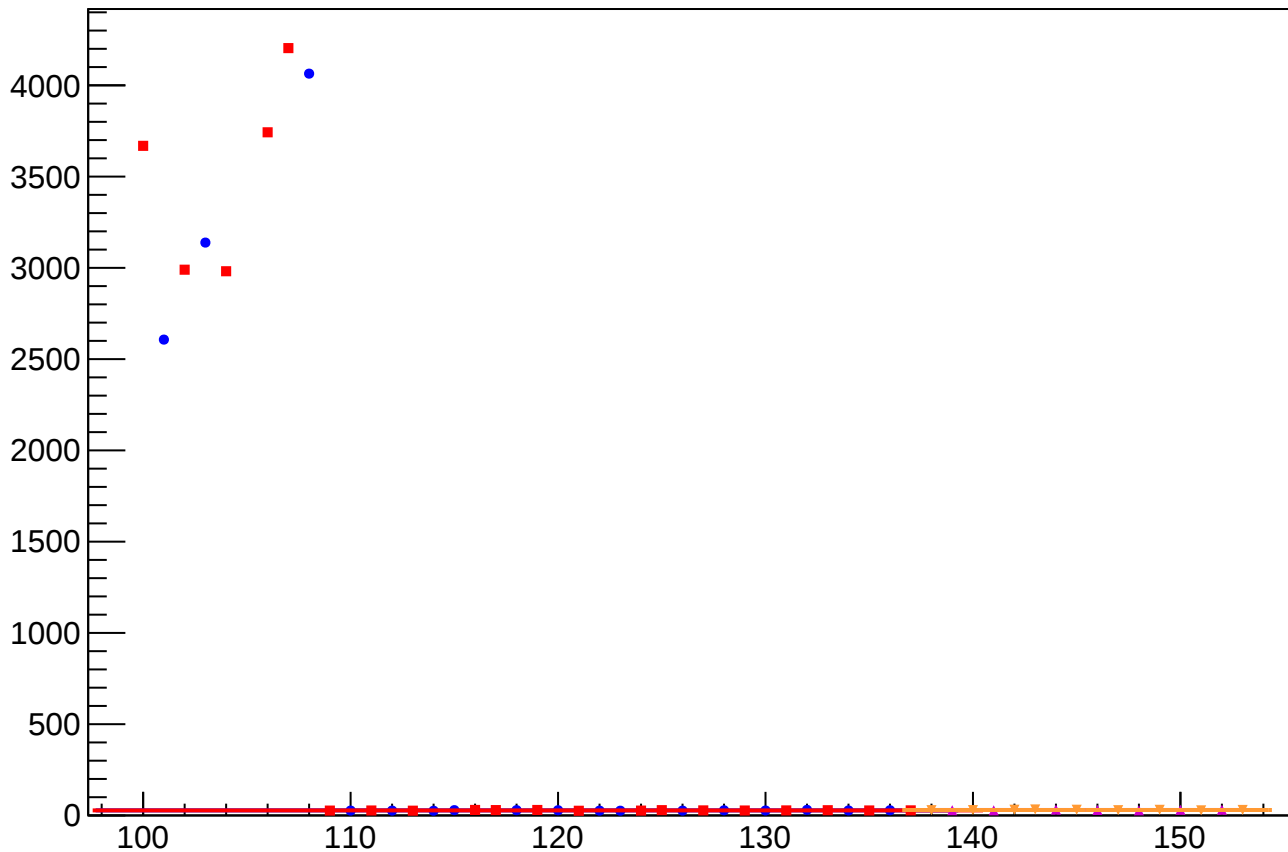
Left In: 20.708+/-12.610 χ^2/NDF : 1.9/6

0.169+/-8.439 χ^2/NDF : 28.0/25

8.029+/-6.078 χ^2/NDF : 56.5/52

16.500+/-8.761 χ^2/NDF : 26.7/26

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: 29.911+/-0.008 χ^2/NDF : 29430.9/8

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

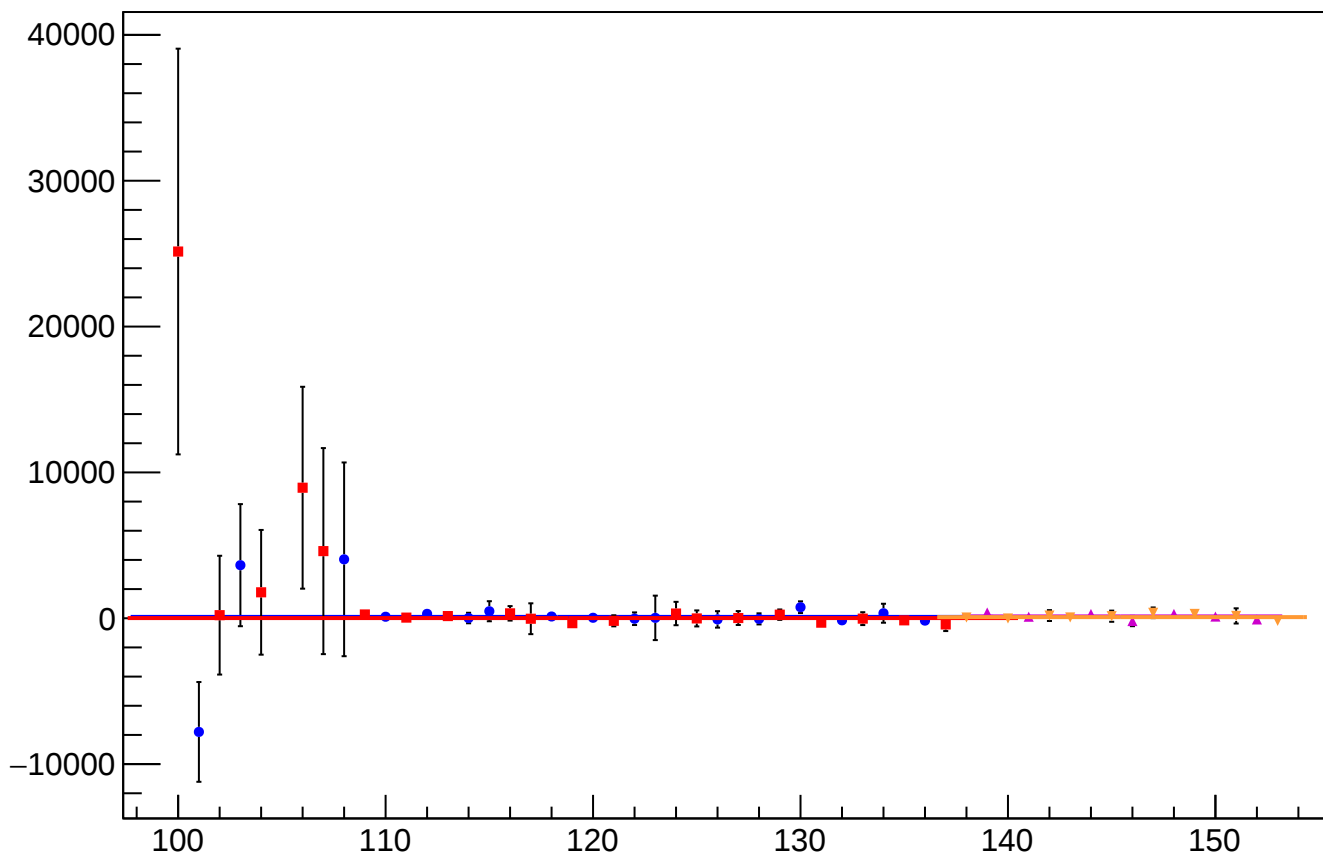
Left In: 29.989+/-0.009 χ^2/NDF : 30030.4/6

28.917+/-0.006 χ^2/NDF : 3086474.7/25

28.864+/-0.004 χ^2/NDF : 6627646.3/52

28.808+/-0.006 χ^2/NDF : 3541013.3/26

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: 78.078+/-100.974 χ^2/NDF : 2.9/8

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

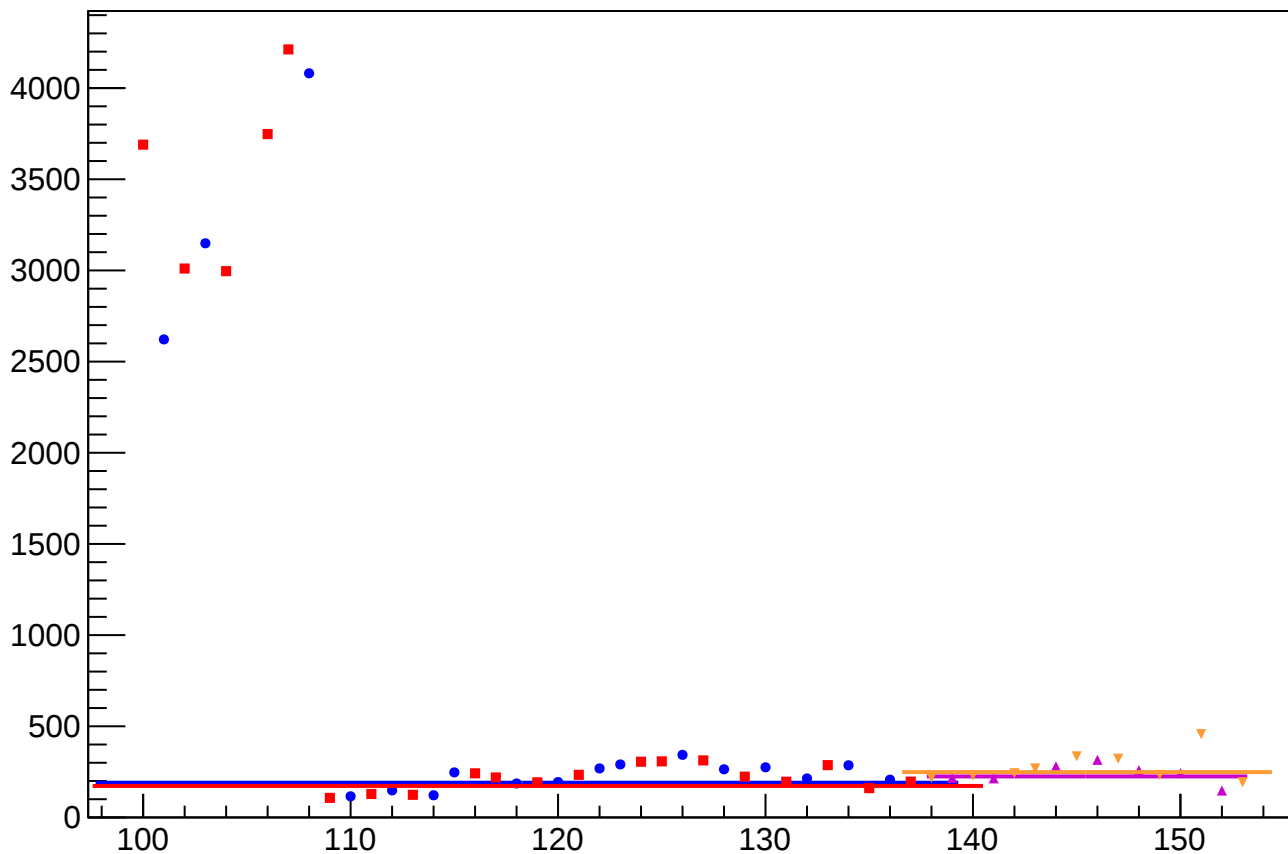
Left In: 126.326+/-100.595 χ^2/NDF : 3.4/6

86.520+/-66.065 χ^2/NDF : 15.6/25

70.951+/-45.520 χ^2/NDF : 32.5/52

56.879+/-62.808 χ^2/NDF : 16.8/26

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: 248.726+/-0.071 χ^2/NDF : 672782.5/8

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

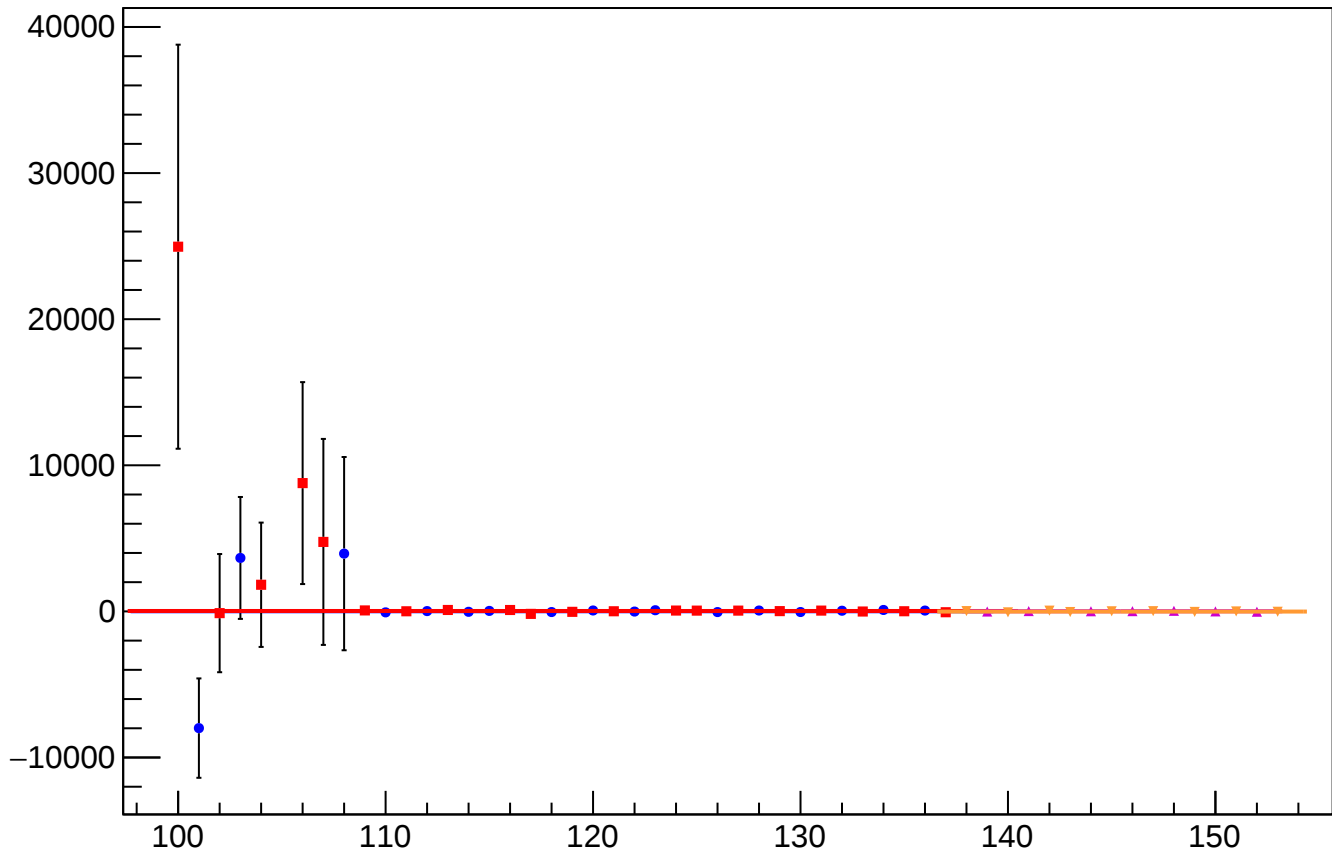
Left In: 225.014+/-0.071 χ^2/NDF : 503377.0/6

215.417+/-0.047 χ^2/NDF : 4636889.1/25

203.747+/-0.032 χ^2/NDF : 9809224.0/52

193.198+/-0.044 χ^2/NDF : 5053514.7/26

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: -11.422 $\pm$ 11.777 χ^2 /NDF: 7.4/8

Right Out: 28.128 $\pm$ 12.282 χ^2 /NDF: 18.5/19

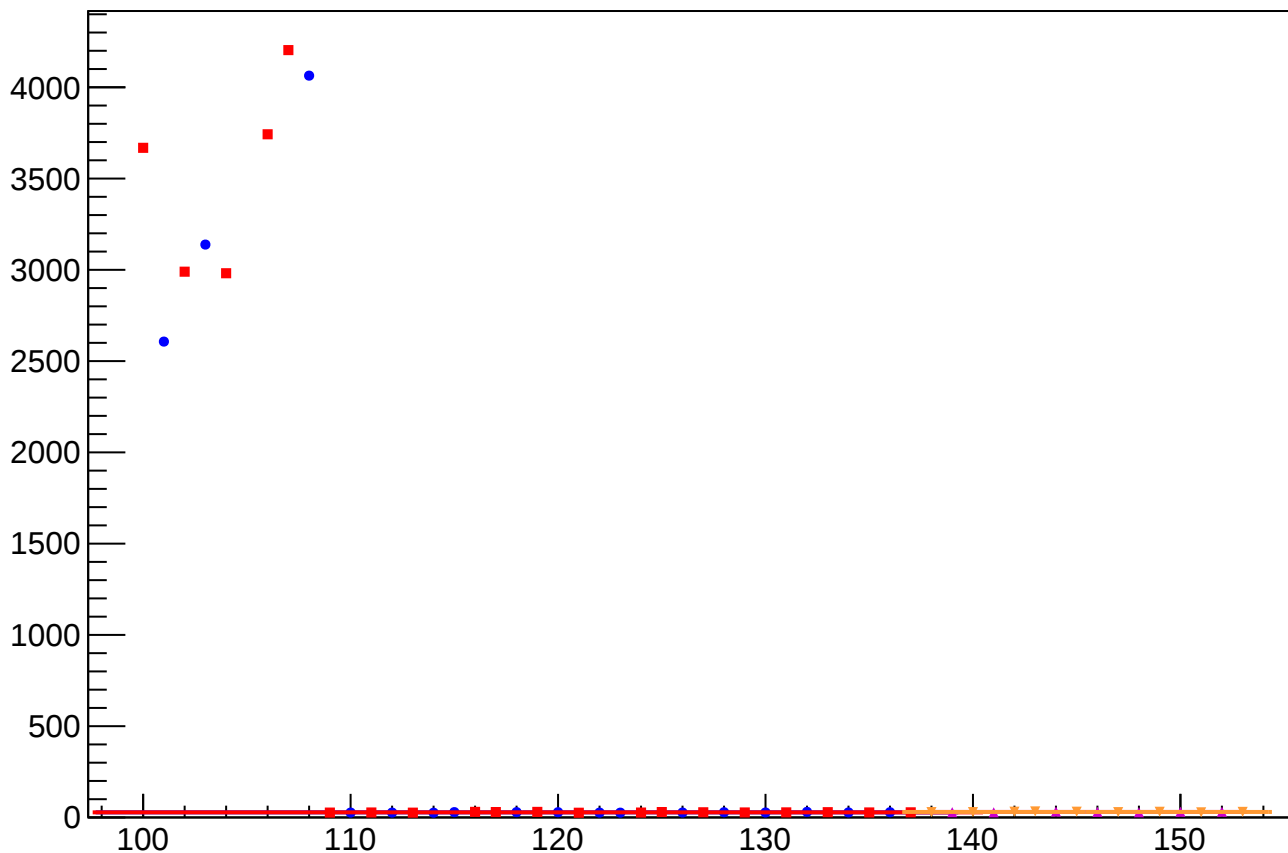
Left In: 10.470 $\pm$ 12.673 χ^2 /NDF: 2.3/6

-1.344 $\pm$ 8.498 χ^2 /NDF: 32.1/25

8.727 $\pm$ 6.119 χ^2 /NDF: 56.8/52

19.576 $\pm$ 8.820 χ^2 /NDF: 21.8/26

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: 30.117+/-0.008 χ^2/NDF : 30753.7/8

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

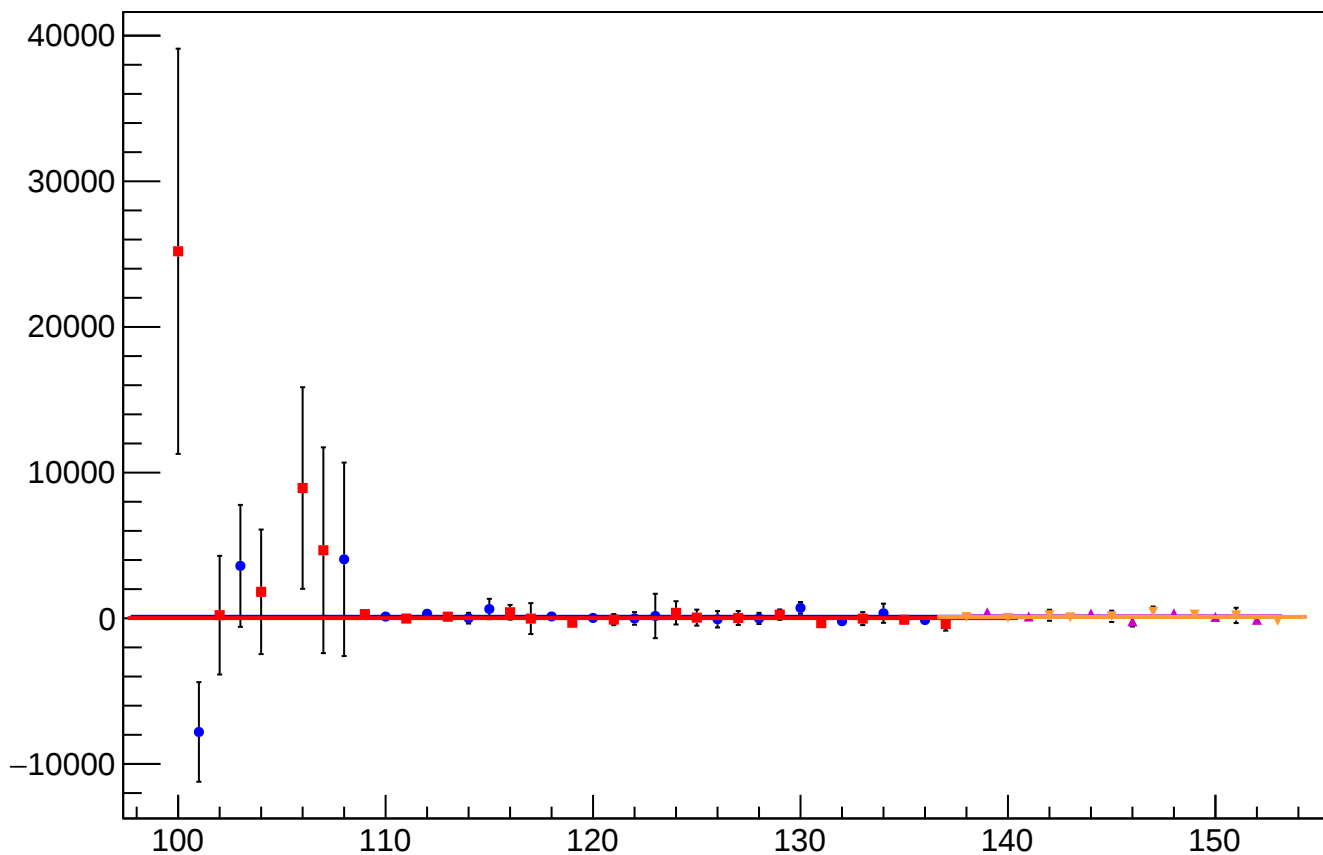
Left In: 30.148+/-0.009 χ^2/NDF : 30223.0/6

29.113+/-0.006 χ^2/NDF : 3088075.4/25

29.061+/-0.004 χ^2/NDF : 6629944.0/52

29.004+/-0.006 χ^2/NDF : 3541709.0/26

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: 91.657 $\pm$ 102.224 χ^2 /NDF: 2.7/8

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

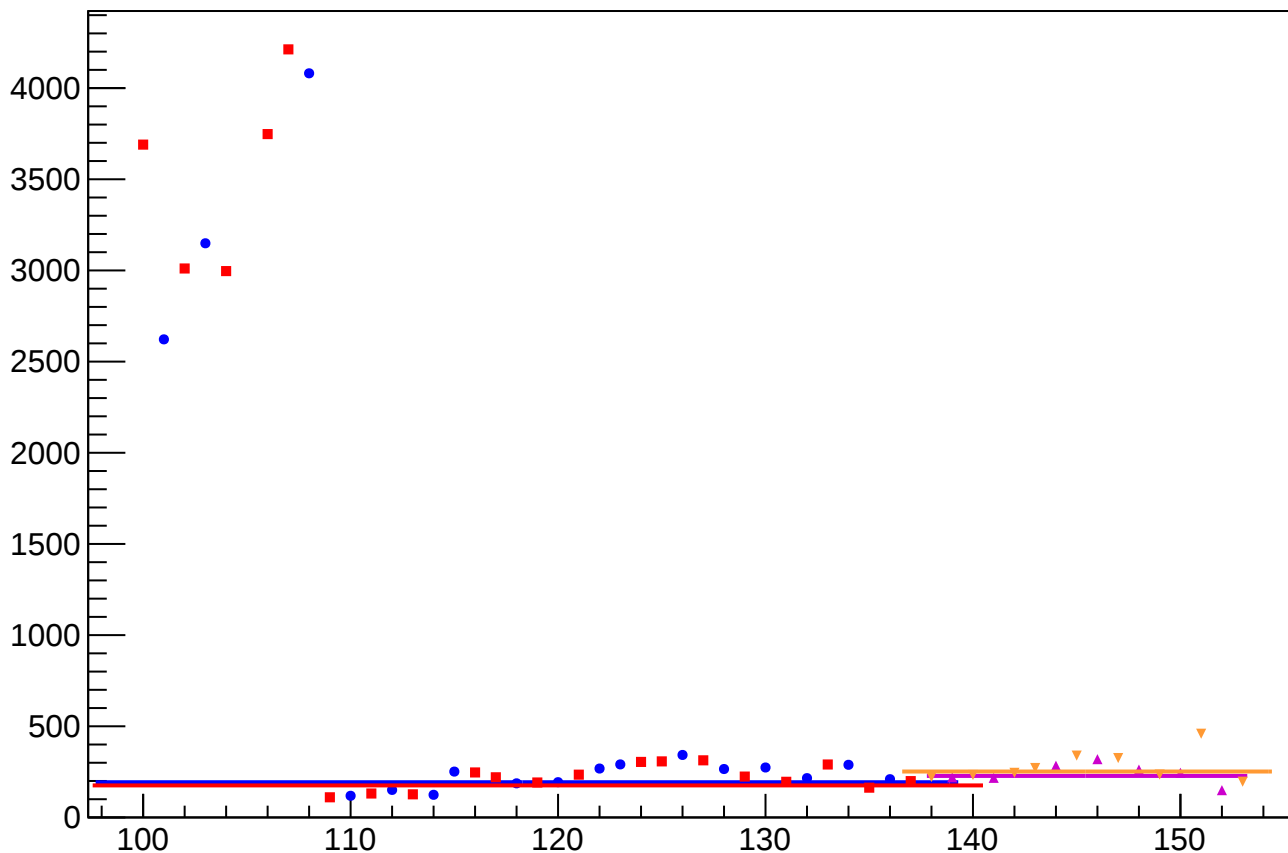
Left In: 131.990 $\pm$ 101.760 χ^2 /NDF: 4.1/6

97.445 $\pm$ 66.862 χ^2 /NDF: 15.1/25

76.893 $\pm$ 46.084 χ^2 /NDF: 32.5/52

58.293 $\pm$ 63.606 χ^2 /NDF: 17.2/26

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: 251.946+/-0.072 χ^2/NDF : 664043.4/8

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

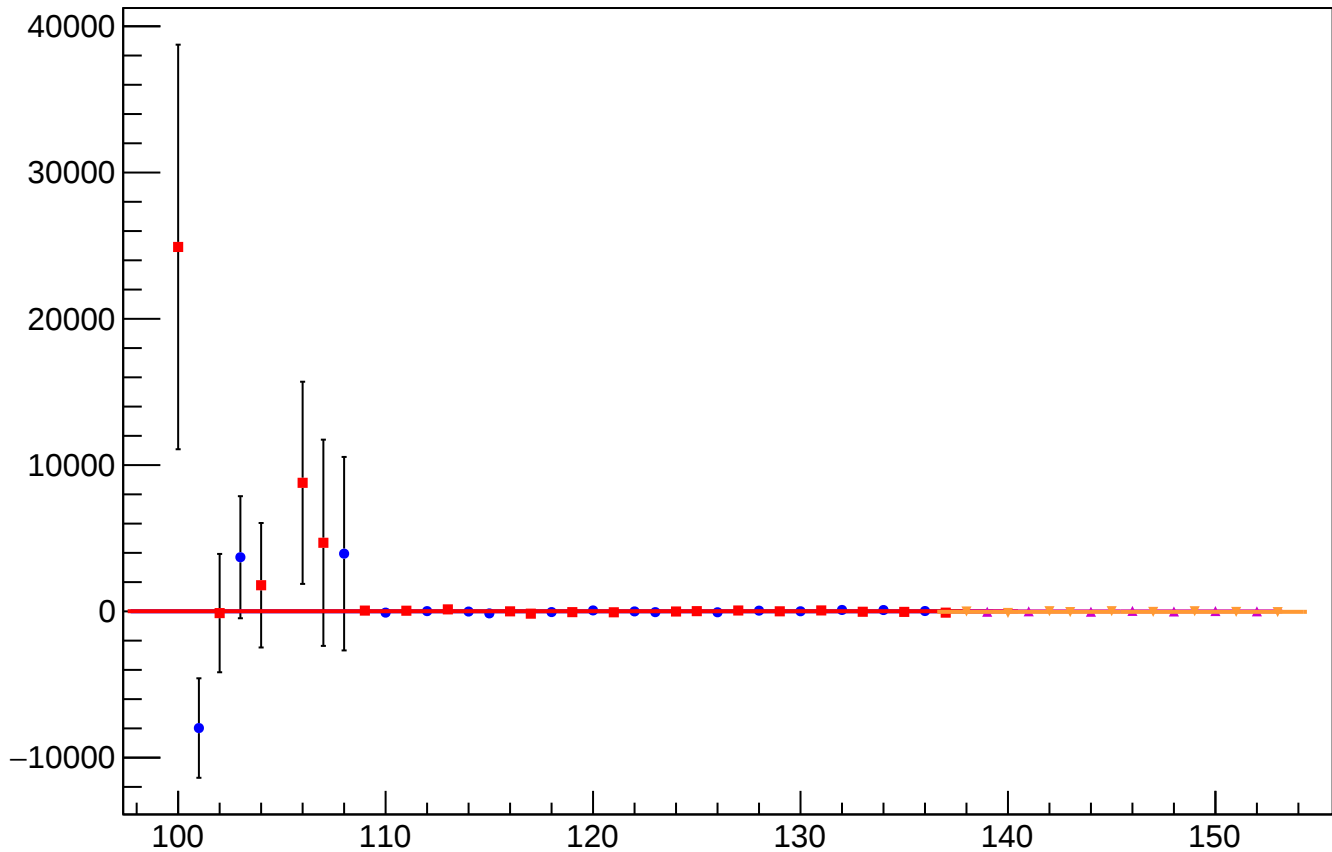
Left In: 227.745+/-0.072 χ^2/NDF : 499684.8/6

218.326+/-0.047 χ^2/NDF : 4578234.7/25

206.640+/-0.033 χ^2/NDF : 9681394.1/52

196.064+/-0.045 χ^2/NDF : 4986768.0/26

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: -31.137+/-13.851 χ^2 /NDF: 6.9/8

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

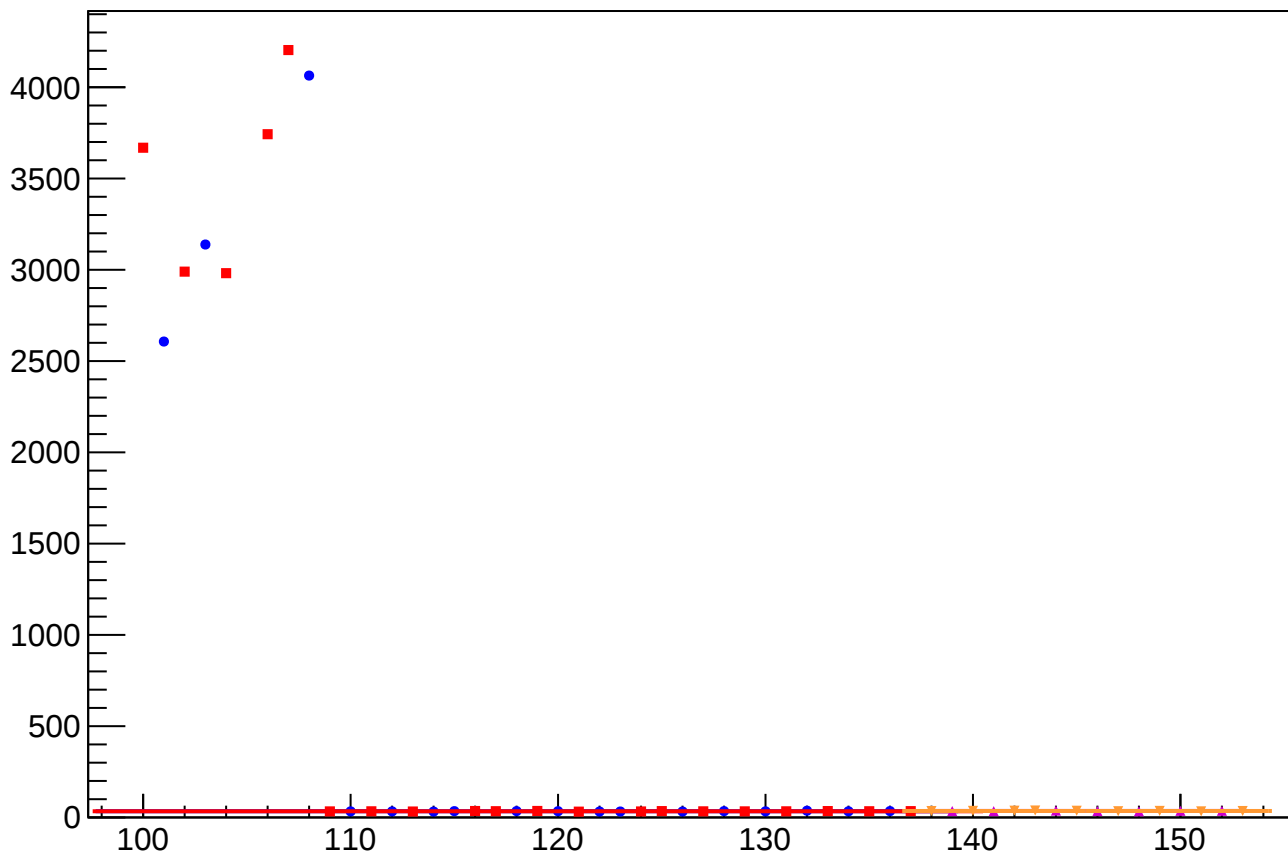
Left In: 2.625+/-14.945 χ^2 /NDF: 1.8/6

-14.589+/-10.156 χ^2 /NDF: 30.4/25

-4.260+/-7.315 χ^2 /NDF: 57.2/52

6.880+/-10.547 χ^2 /NDF: 24.7/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.137 $\pm$ 0.011 χ^2 /NDF: 3006248.0/16

Left Out: 35.471 $\pm$ 0.010 χ^2 /NDF:19067.4/8

Right Out: 33.915 $\pm$ 0.011 χ^2 /NDF: 3451897.1/19

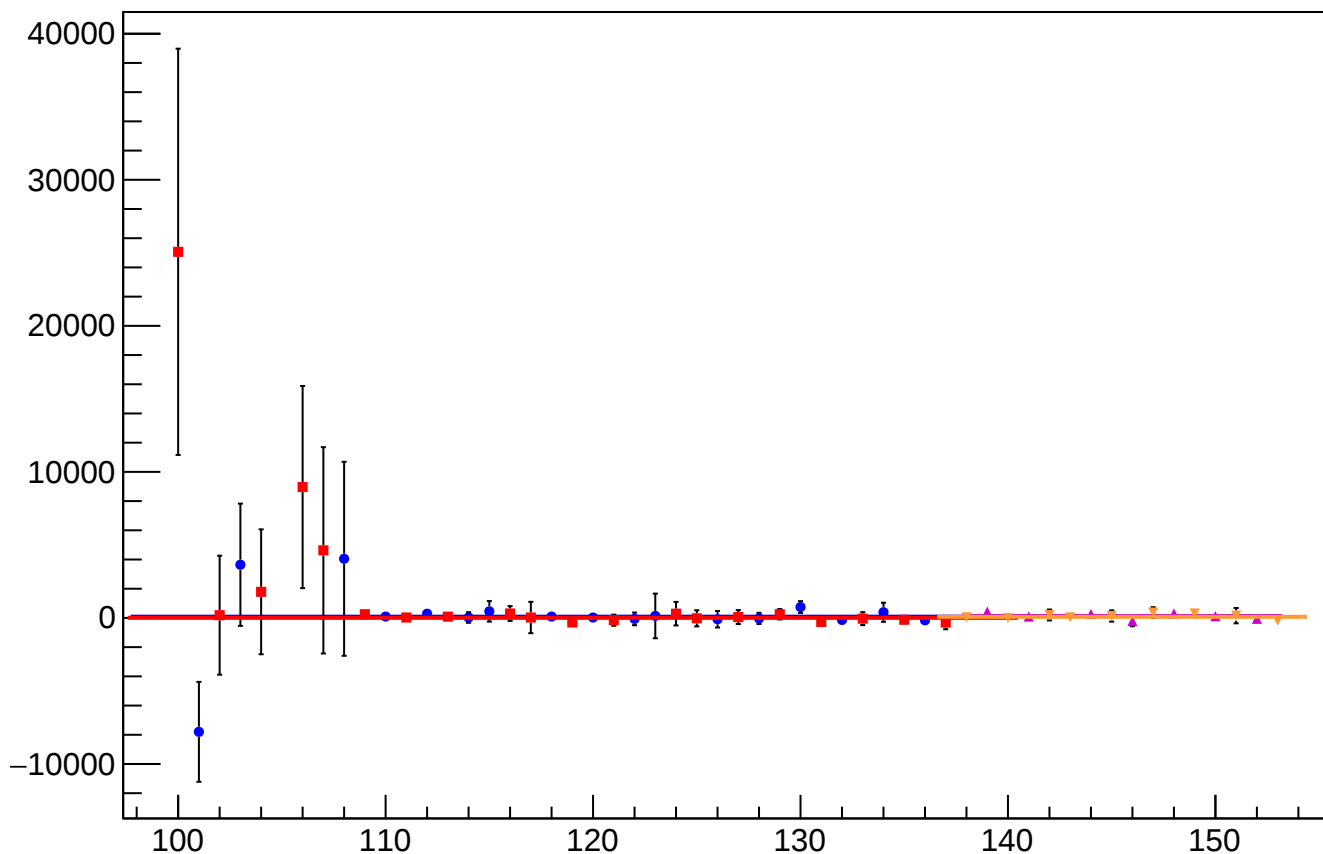
Left In: 35.620 $\pm$ 0.011 χ^2 /NDF:12529.3/6

34.854 $\pm$ 0.007 χ^2 /NDF: 3033890.6/25

34.811 $\pm$ 0.005 χ^2 /NDF: 6511456.5/52

34.764 $\pm$ 0.007 χ^2 /NDF: 3477490.3/26

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: 77.754+/-101.625 χ^2/NDF : 3.0/8

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

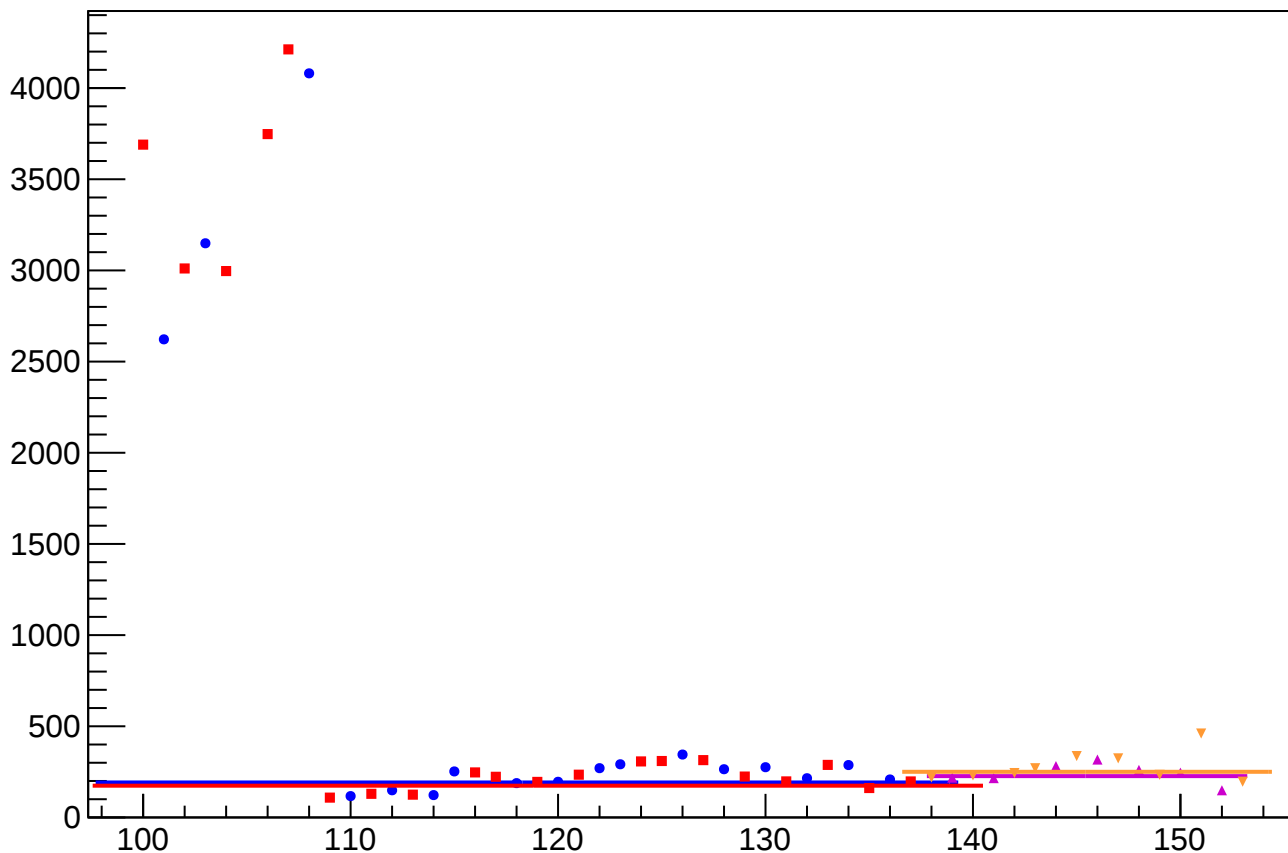
Left In: 129.852+/-101.291 χ^2/NDF : 3.6/6

82.492+/-66.502 χ^2/NDF : 15.4/25

68.140+/-45.831 χ^2/NDF : 31.0/52

55.158+/-63.250 χ^2/NDF : 15.6/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.880 $\pm$ 0.062 χ^2 /NDF: 3573060.2/16

Left Out: 250.400 $\pm$ 0.072 χ^2 /NDF: 667694.0/8

Right Out: 174.207 $\pm$ 0.057 χ^2 /NDF: 421538.3/19

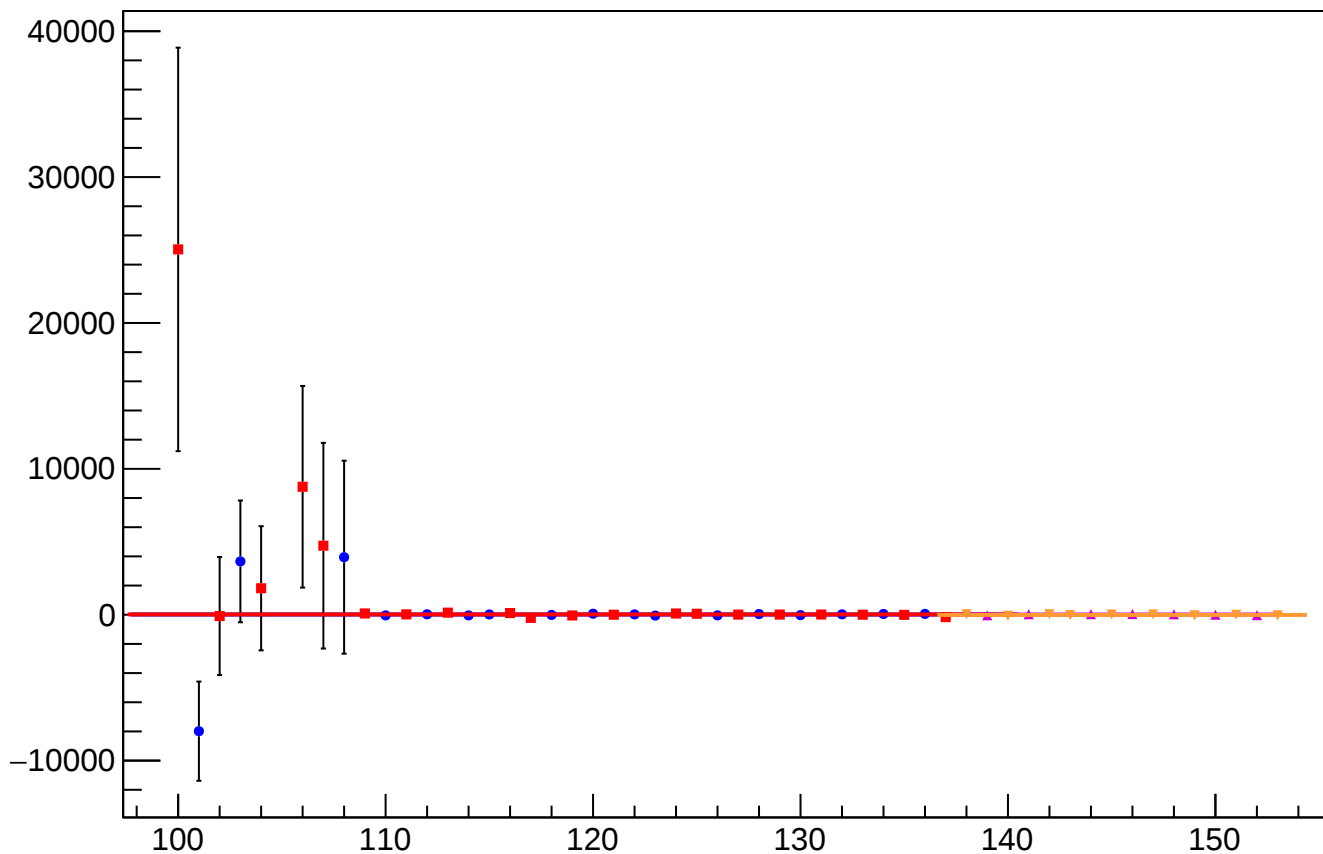
Left In: 226.668 $\pm$ 0.072 χ^2 /NDF: 496148.1/6

216.940 $\pm$ 0.047 χ^2 /NDF: 4619953.1/25

205.243 $\pm$ 0.032 χ^2 /NDF: 9776788.3/52

194.662 $\pm$ 0.045 χ^2 /NDF: 5038990.6/26

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: -14.012+/-12.721 χ^2/NDF : 7.4/8

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

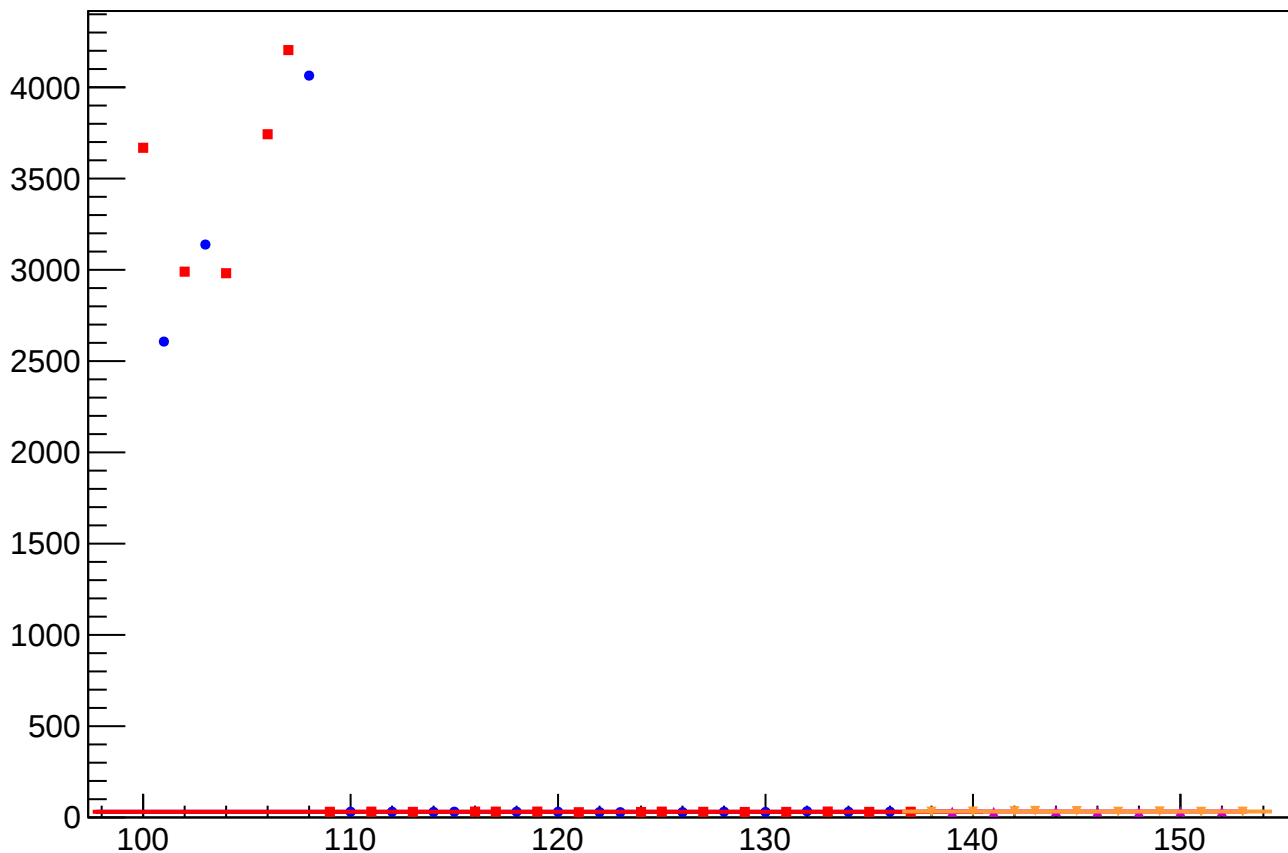
Left In: 13.097+/-13.715 χ^2/NDF : 4.9/6

-0.903+/-9.296 χ^2/NDF : 24.9/25

7.865+/-6.697 χ^2/NDF : 61.7/52

17.328+/-9.658 χ^2/NDF : 34.9/26

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: 32.537+/-0.009 χ^2/NDF :31830.6/8

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

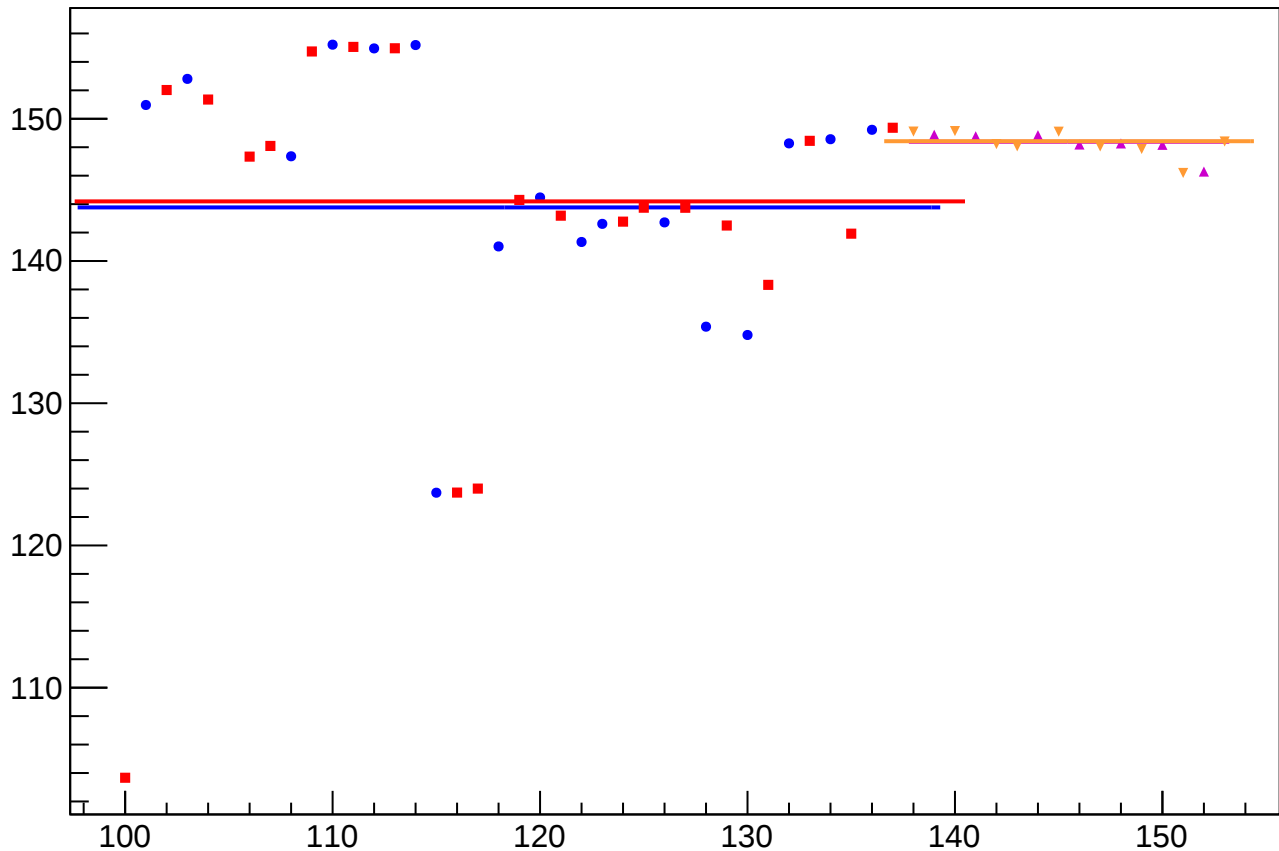
Left In: 32.619+/-0.010 χ^2/NDF :24372.1/6

31.880+/-0.007 χ^2/NDF : 3057713.3/25

31.836+/-0.005 χ^2/NDF : 6555773.1/52

31.788+/-0.007 χ^2/NDF : 3497966.0/26

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.768 ± 0.000 χ^2/NDF : 3532173868.5/16

Left Out: 148.423 ± 0.000 χ^2/NDF : 30682610.8/8

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

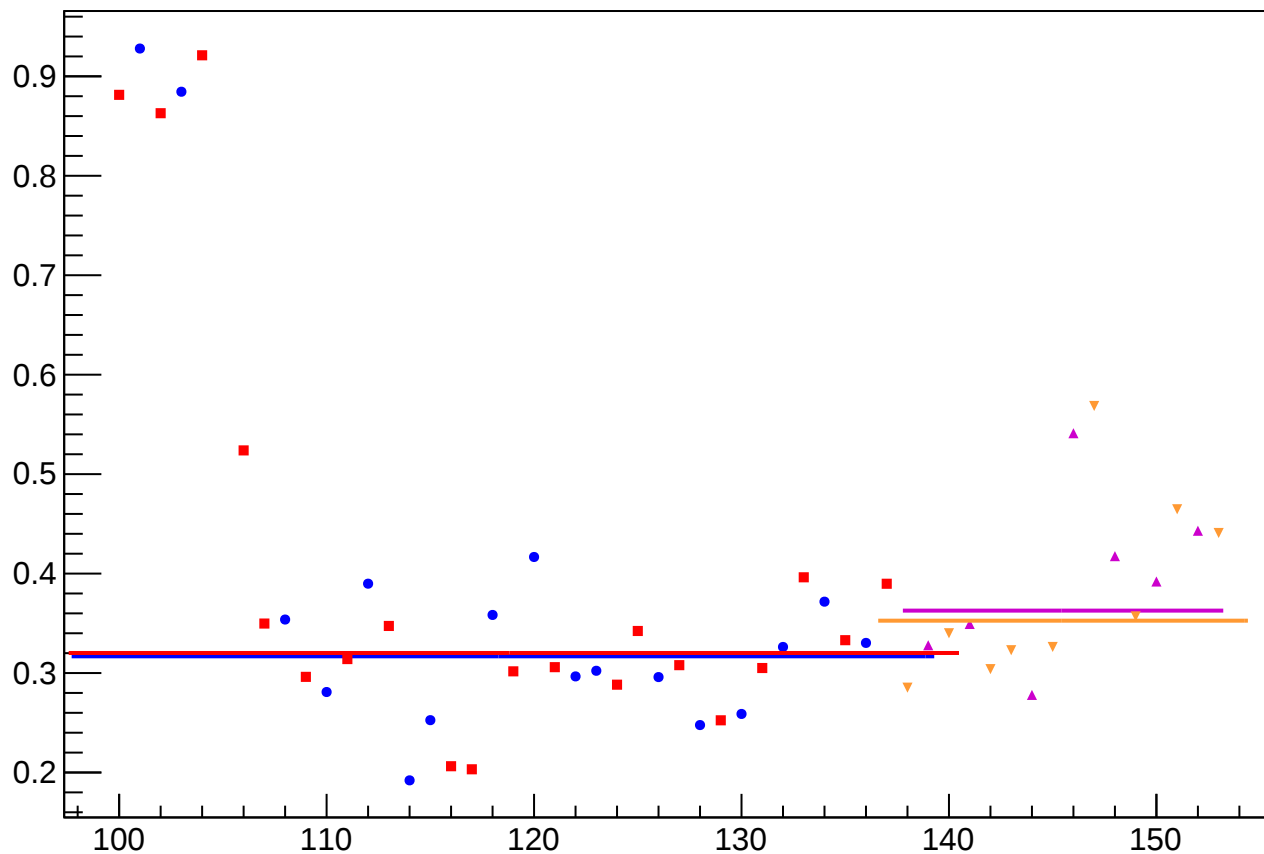
Left In: 148.385 ± 0.000 χ^2/NDF : 22676419.8/6

145.937 ± 0.000 χ^2/NDF : 4124647206.5/25

145.925 ± 0.000 χ^2/NDF : 9085739771.6/25

145.914 ± 0.000 χ^2/NDF : 4961065805.4/26

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1278613.2/16

Left Out: 0.353+/-0.000 χ^2/NDF : 482822.2/8

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

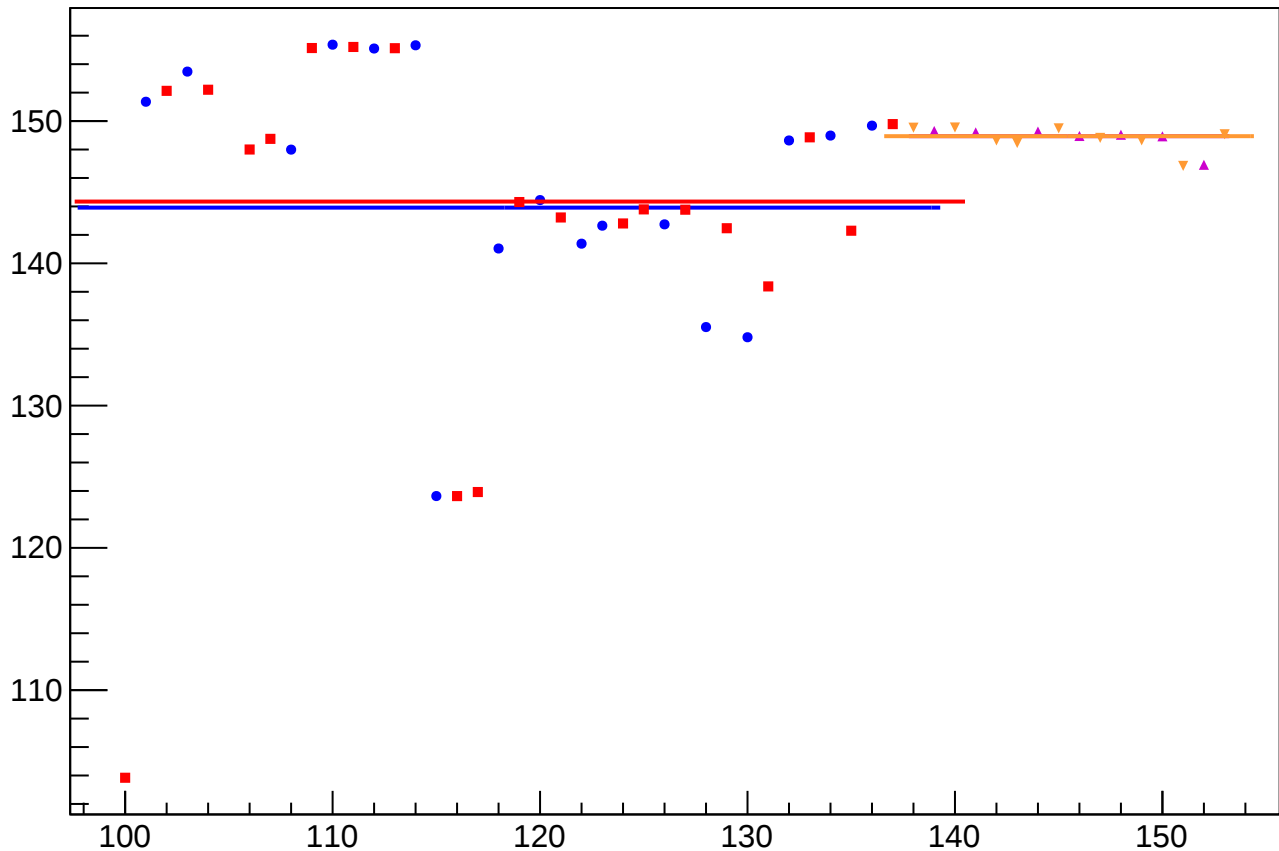
Left In: 0.363+/-0.000 χ^2/NDF : 431291.6/6

0.334+/-0.000 χ^2/NDF : 1828010.7/25

0.336+/-0.000 χ^2/NDF : 3587205.1/52

0.338+/-0.000 χ^2/NDF : 1757461.1/26

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



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

Left Out: 148.938 +/- 0.000 χ^2/NDF : 24496900.5/8

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

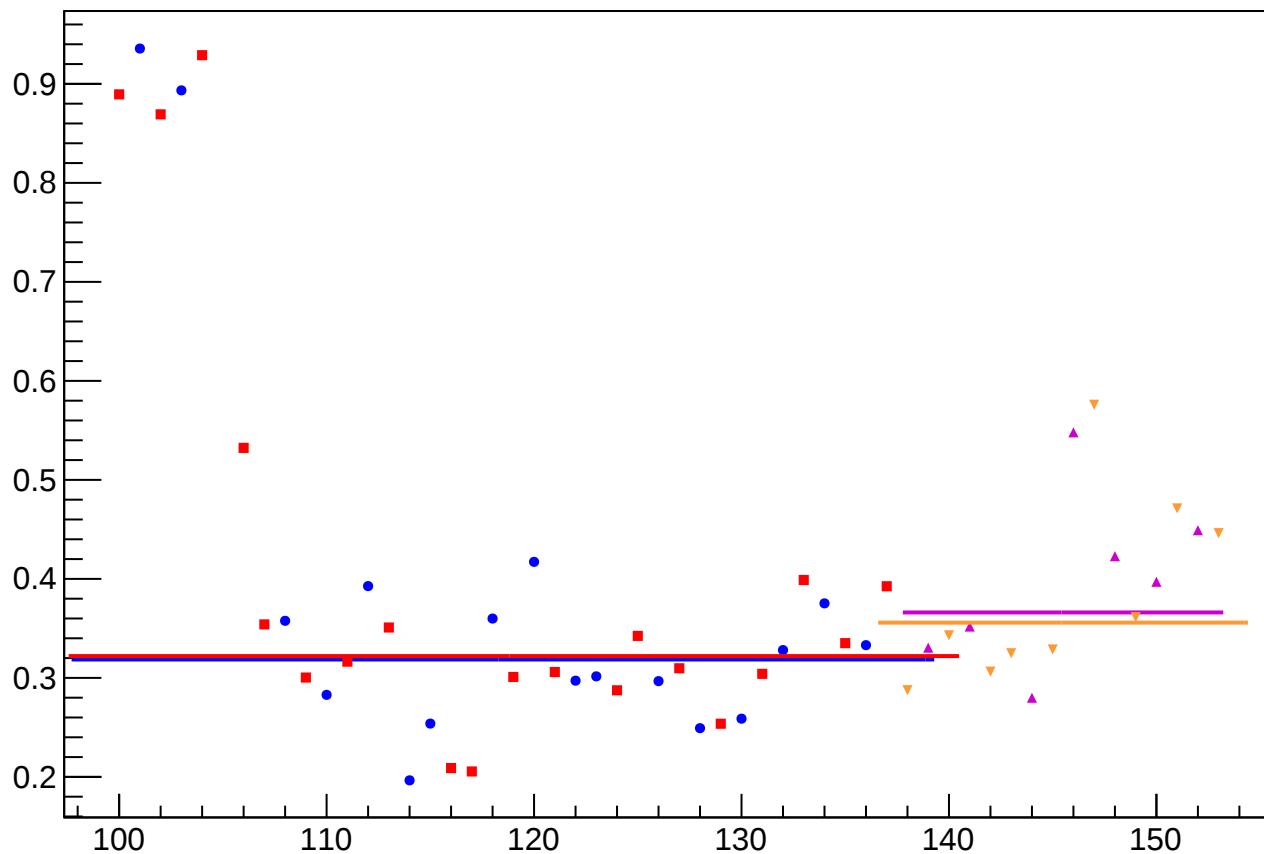
Left In: 148.939 +/- 0.000 χ^2/NDF : 18085229.2/6

146.247 +/- 0.000 χ^2/NDF : 4253082139.8/25

146.235 +/- 0.000 χ^2/NDF : 9312627784.5/26

146.222 +/- 0.000 χ^2/NDF : 5059514479.8/26

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.319 $\pm$ 0.000 χ^2 /NDF: 1280748.9/16

Left Out: 0.356 $\pm$ 0.000 χ^2 /NDF: 492211.3/8

Right Out: 0.322 $\pm$ 0.000 χ^2 /NDF: 1243109.0/19

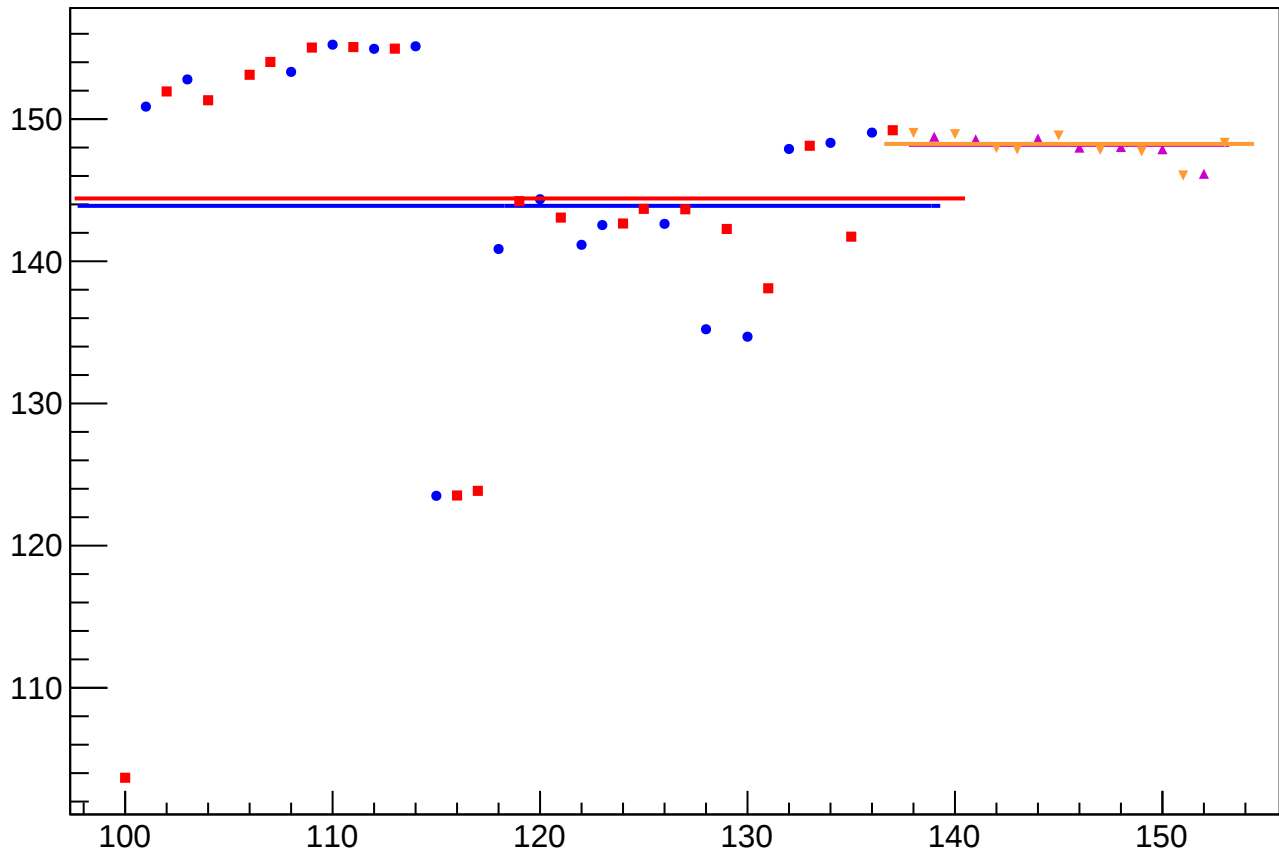
Left In: 0.366 $\pm$ 0.000 χ^2 /NDF: 441458.1/6

0.336 $\pm$ 0.000 χ^2 /NDF: 1843644.9/25

0.338 $\pm$ 0.000 χ^2 /NDF: 3620057.2/52

0.340 $\pm$ 0.000 χ^2 /NDF: 1774680.4/26

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.899 $\pm$ 0.000 χ^2/NDF : 3749888331.0/16

Left Out: 148.254 $\pm$ 0.000 χ^2/NDF : 30778700.1/8

Right Out: 144.419 $\pm$ 0.000 χ^2/NDF : 4820290476.6/19

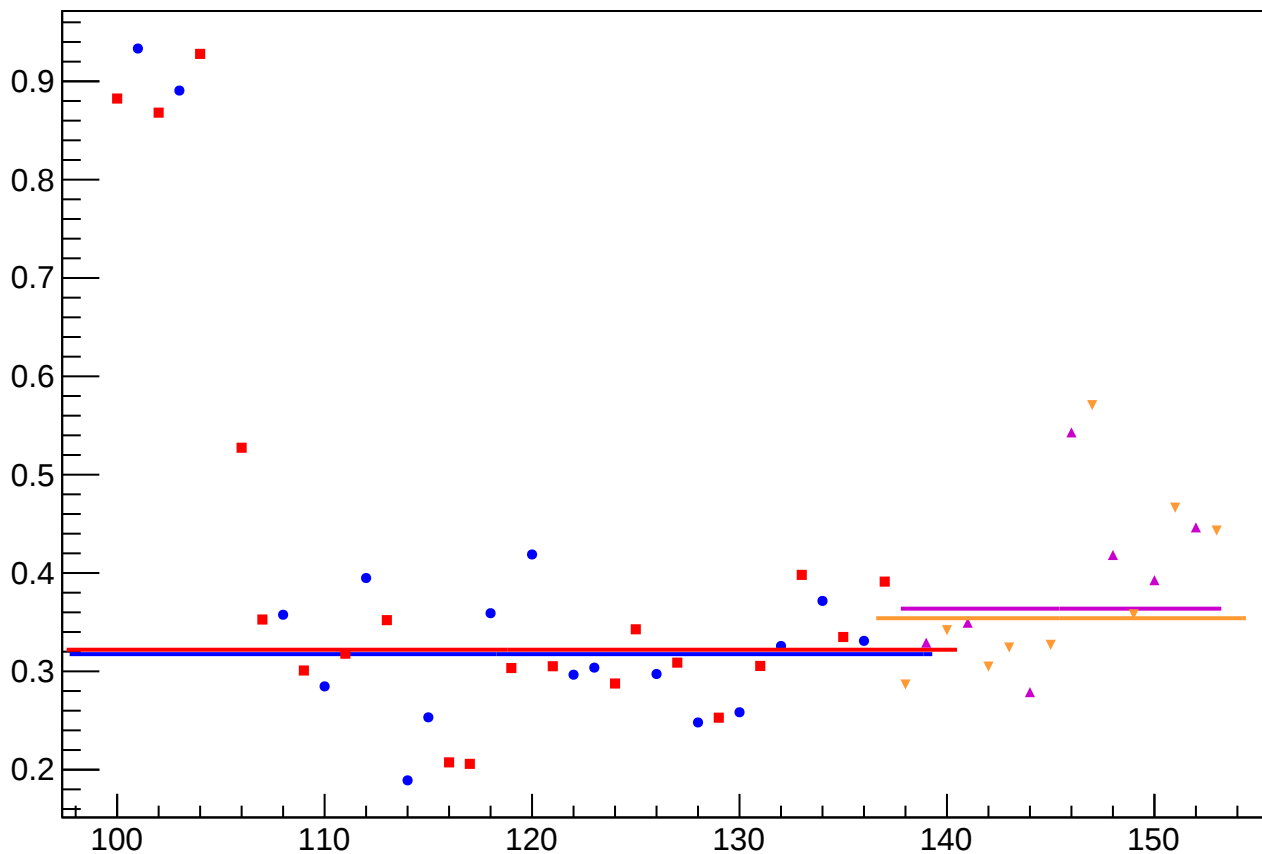
Left In: 148.188 $\pm$ 0.000 χ^2/NDF : 22070501.7/6

145.925 $\pm$ 0.000 χ^2/NDF : 4269090873.2/25

145.948 $\pm$ 0.000 χ^2/NDF : 9443820372.0/25

145.972 $\pm$ 0.000 χ^2/NDF : 5174622120.7/26

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.000 χ^2/NDF : 1293179.2/16

Left Out: 0.354 $\pm$ 0.000 χ^2/NDF : 483226.2/8

Right Out: 0.322 $\pm$ 0.000 χ^2/NDF : 1243703.4/19

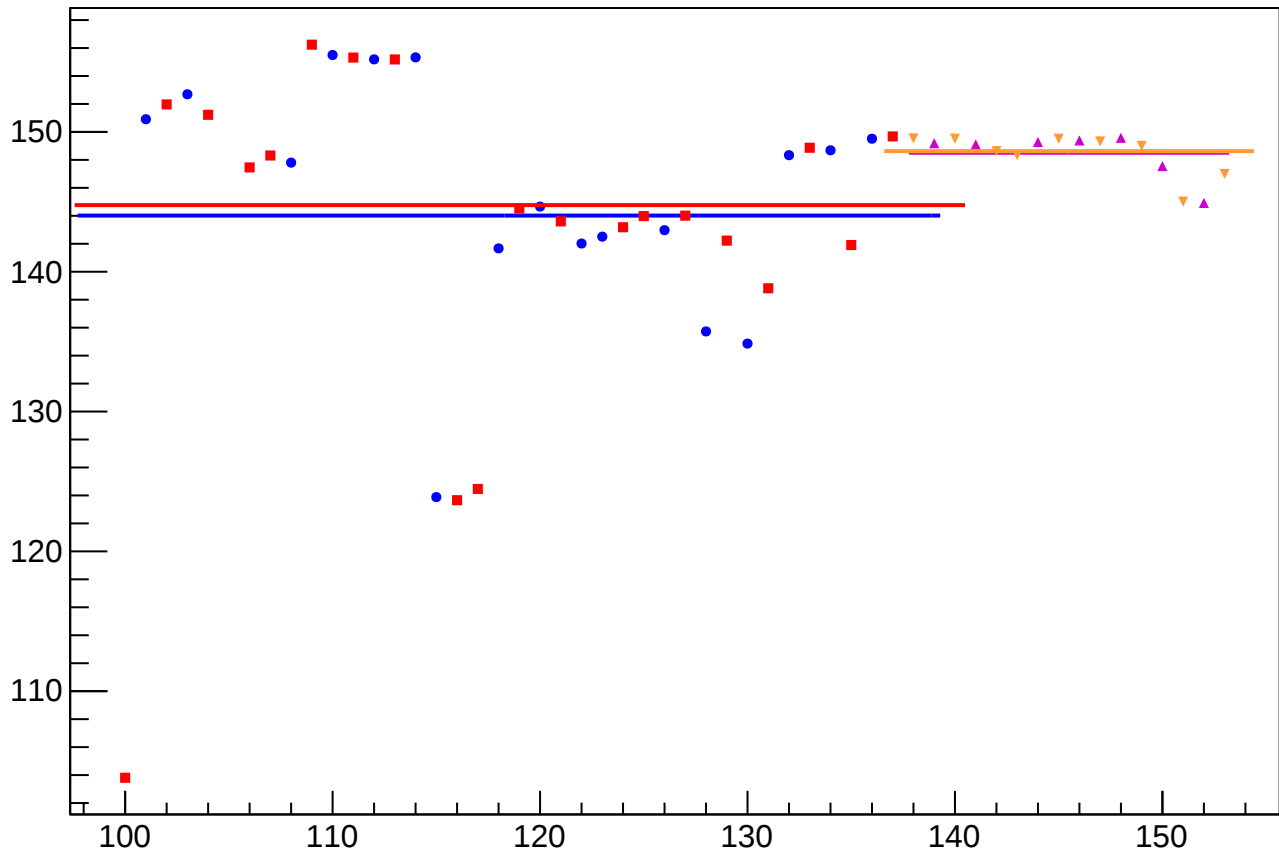
Left In: 0.364 $\pm$ 0.000 χ^2/NDF : 433280.6/6

0.334 $\pm$ 0.000 χ^2/NDF : 1845157.9/25

0.337 $\pm$ 0.000 χ^2/NDF : 3605955.3/52

0.339 $\pm$ 0.000 χ^2/NDF : 1758586.3/26

yield_bcm_dg_us_mean vs Slug, Sign Corrected



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

Left Out: 148.627 +/- 0.000 χ^2/NDF : 72345171.0/8

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

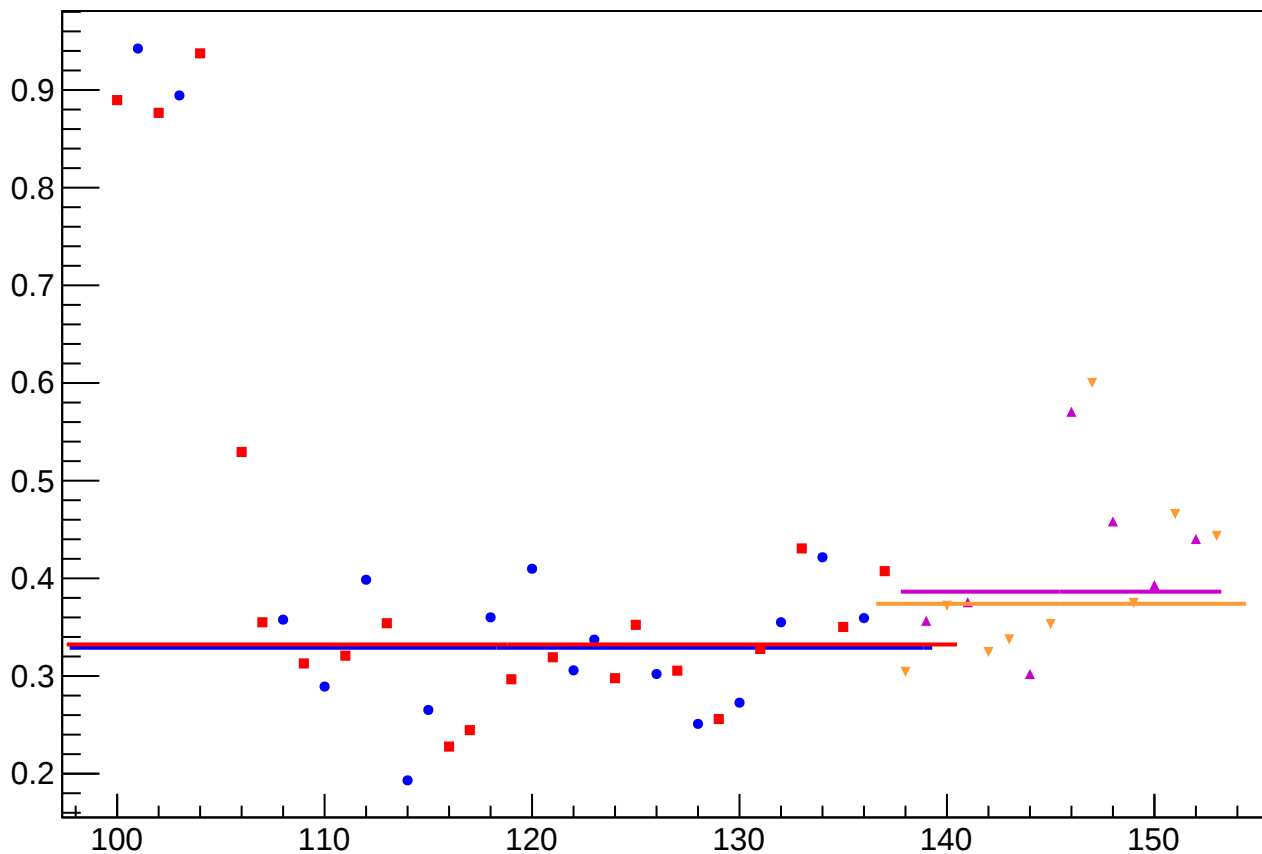
Left In: 148.511 +/- 0.000 χ^2/NDF : 72504626.6/6

146.119 +/- 0.000 χ^2/NDF : 3808640082.1/25

146.187 +/- 0.000 χ^2/NDF : 8279127597.9/25

146.258 +/- 0.000 χ^2/NDF : 4469602692.0/26

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.329 $\pm$ 0.000 χ^2 /NDF: 1276118.3/16

Left Out: 0.374 $\pm$ 0.000 χ^2 /NDF: 414919.7/8

Right Out: 0.332 $\pm$ 0.000 χ^2 /NDF: 1191637.2/19

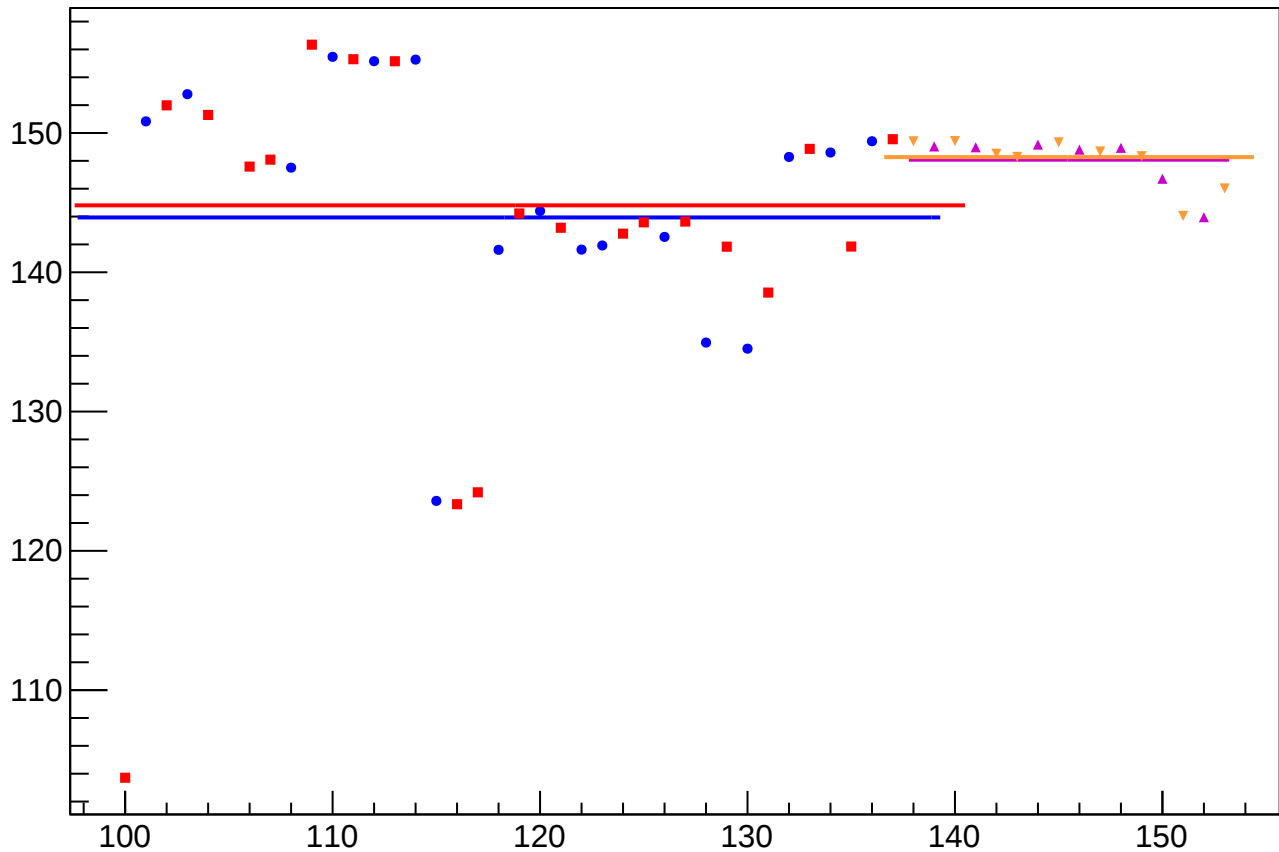
Left In: 0.386 $\pm$ 0.000 χ^2 /NDF: 364161.1/6

0.349 $\pm$ 0.000 χ^2 /NDF: 1785934.8/25

0.352 $\pm$ 0.000 χ^2 /NDF: 3467853.8/52

0.354 $\pm$ 0.000 χ^2 /NDF: 1680165.2/26

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



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

Left Out: 148.269 $\pm$ 0.000 χ^2 /NDF: 104552102.1/8

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

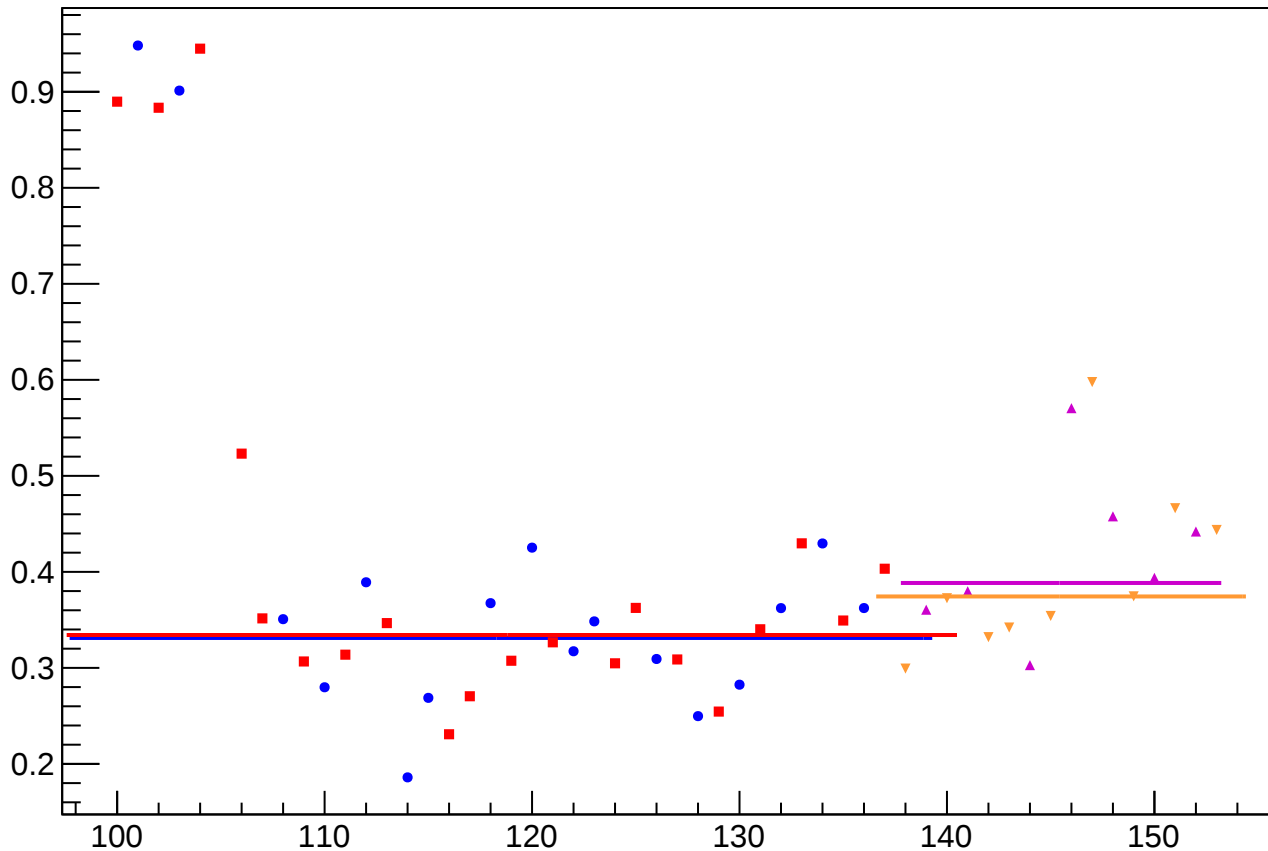
Left In: 148.084 $\pm$ 0.000 χ^2 /NDF: 101481341.9/6

145.925 $\pm$ 0.000 χ^2 /NDF: 3918867842.9/25

146.016 $\pm$ 0.000 χ^2 /NDF: 8386483759.5/26

146.113 $\pm$ 0.000 χ^2 /NDF: 4466027829.0/26

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331+/-0.000 χ^2/NDF : 1295749.0/16

Left Out: 0.374+/-0.000 χ^2/NDF : 415533.3/8

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

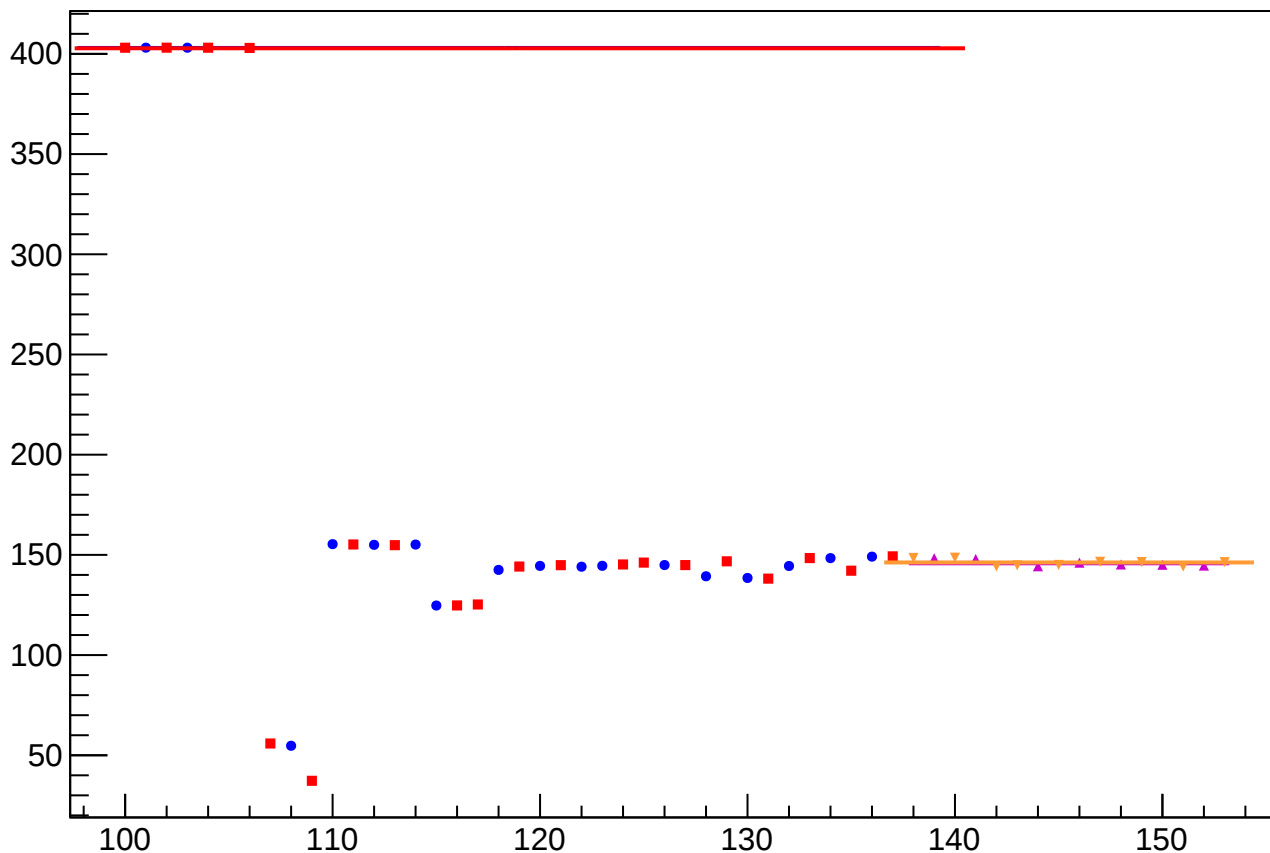
Left In: 0.388+/-0.000 χ^2/NDF : 357001.0/6

0.351+/-0.000 χ^2/NDF : 1797886.9/25

0.353+/-0.000 χ^2/NDF : 3456434.4/52

0.356+/-0.000 χ^2/NDF : 1656427.1/26

yield_cav4bQ_mean vs Slug, Sign Corrected



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

Left Out: 146.215+/-0.000 χ^2/NDF : 30391557.4/8

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

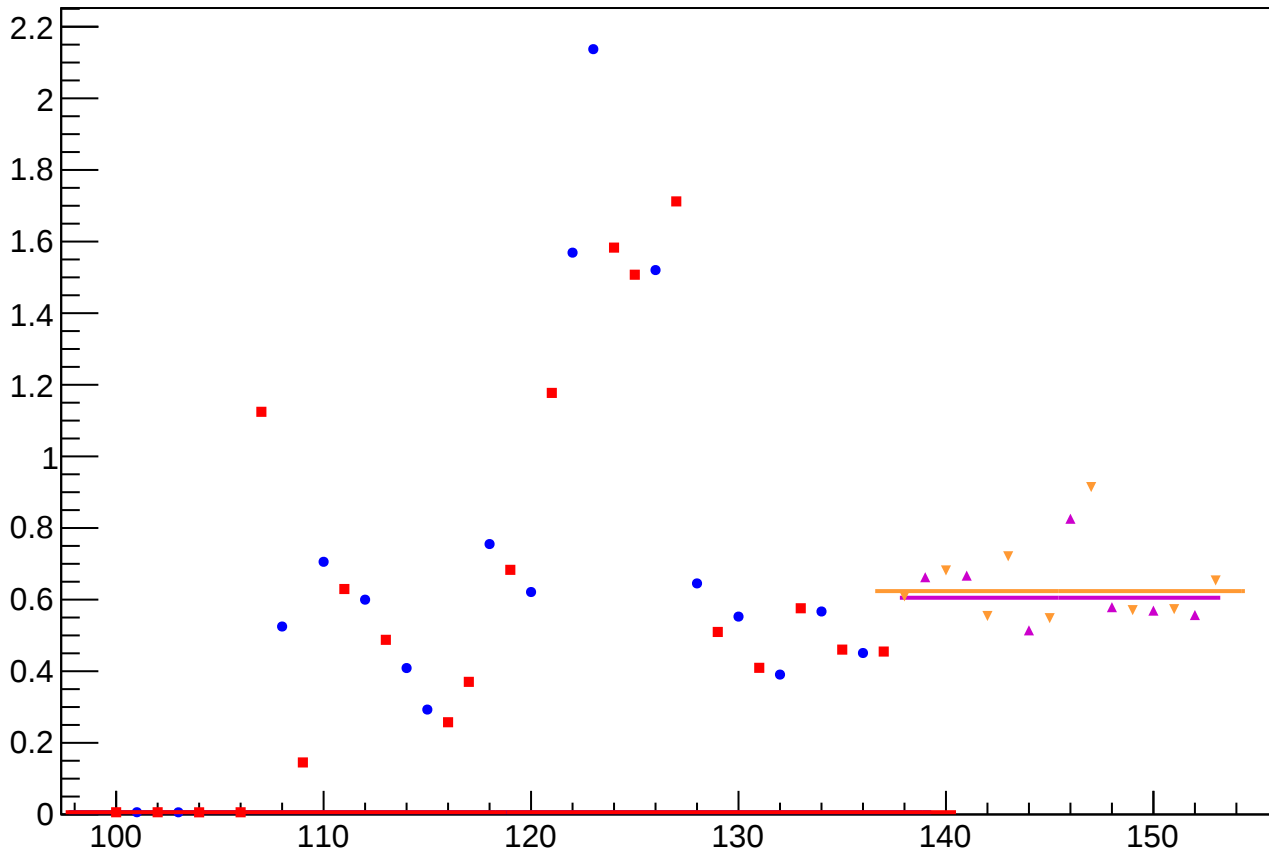
Left In: 145.795+/-0.000 χ^2/NDF : 23296932.8/6

402.866+/-0.000 χ^2/NDF : 1824484792771.4/25

402.789+/-0.000 χ^2/NDF : 563302835565

402.721+/-0.000 χ^2/NDF : 3808194417694.9/26

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 $\chi^2/\text{NDF}: 9161050.1/16$

Left Out: 0.624 $\pm$ 0.000 $\chi^2/\text{NDF}: 169783.7/8$

Right Out: 0.006 $\pm$ 0.000 $\chi^2/\text{NDF}: 9277290.2/19$

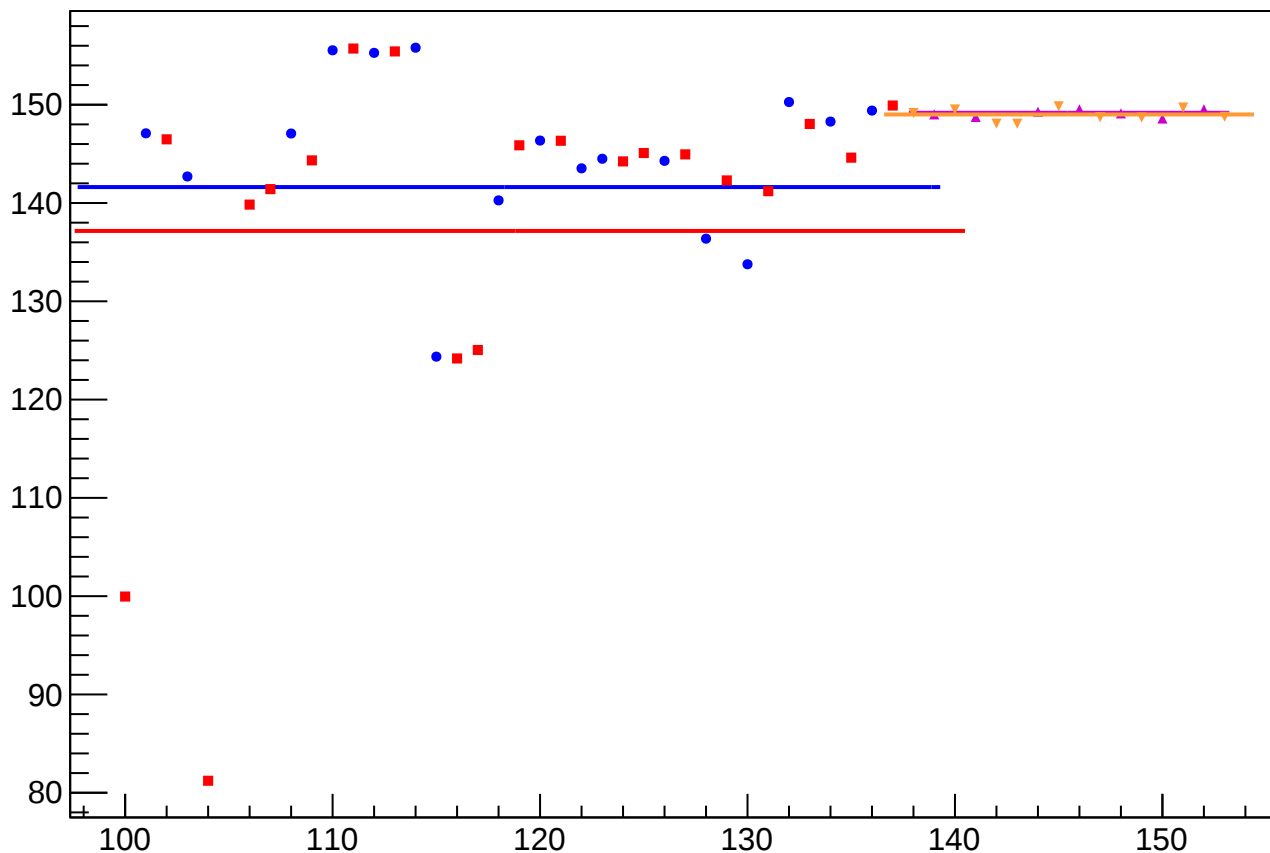
Left In: 0.605 $\pm$ 0.000 $\chi^2/\text{NDF}: 142182.6/6$

0.007 $\pm$ 0.000 $\chi^2/\text{NDF}: 17748774.4/25$

0.007 $\pm$ 0.000 $\chi^2/\text{NDF}: 34612461.7/52$

0.007 $\pm$ 0.000 $\chi^2/\text{NDF}: 16863600.0/26$

yield_cav4cQ_mean vs Slug, Sign Corrected



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

Left Out: 149.007±/0.000 χ^2/NDF : 8387574.7/8

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

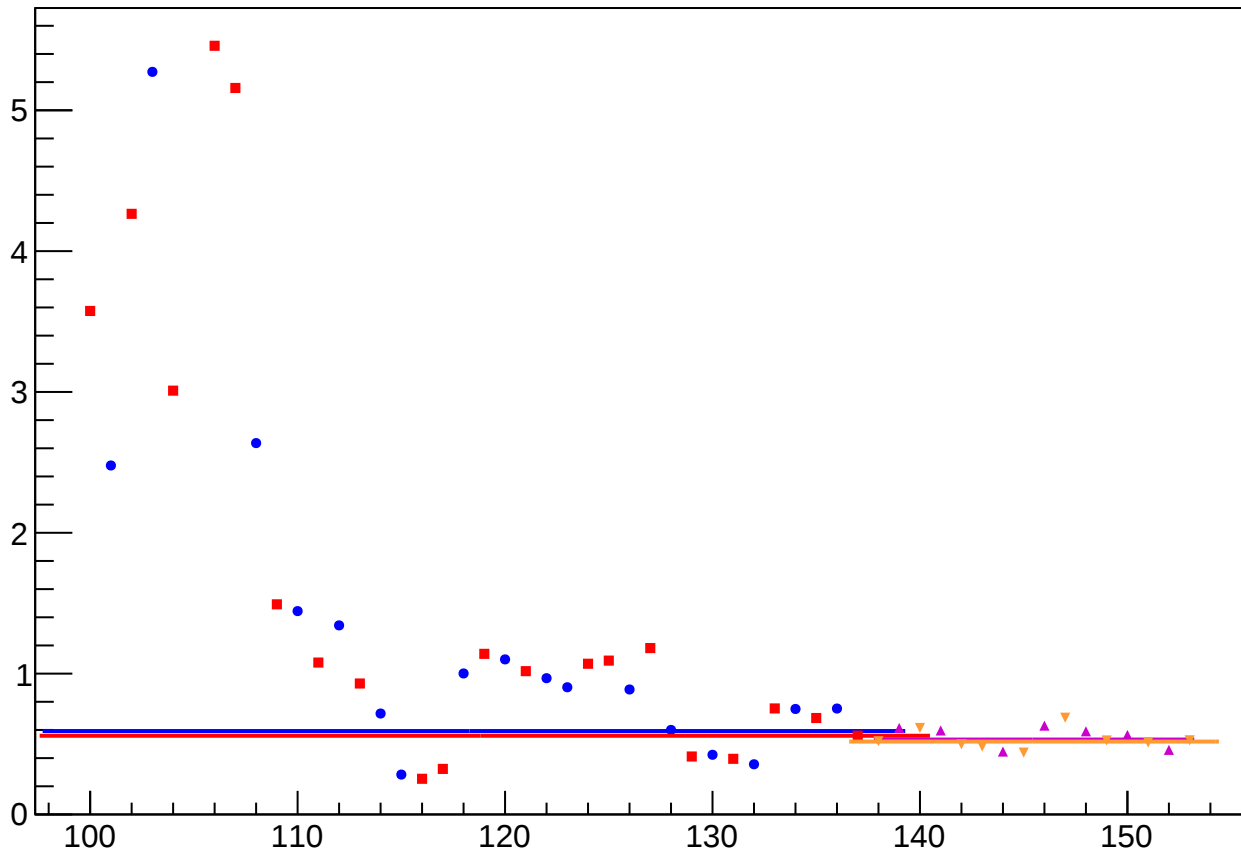
Left In: 149.182±/0.000 χ^2/NDF : 1934116.1/6

146.533±/0.000 χ^2/NDF : 1357416629.4/25

145.512±/0.000 χ^2/NDF : 3743148948.4/25

144.391±/0.000 χ^2/NDF : 2319701780.5/26

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.592+/-0.000 χ^2/NDF : 3521577.2/16

Left Out: 0.518+/-0.000 χ^2/NDF : 163409.1/8

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

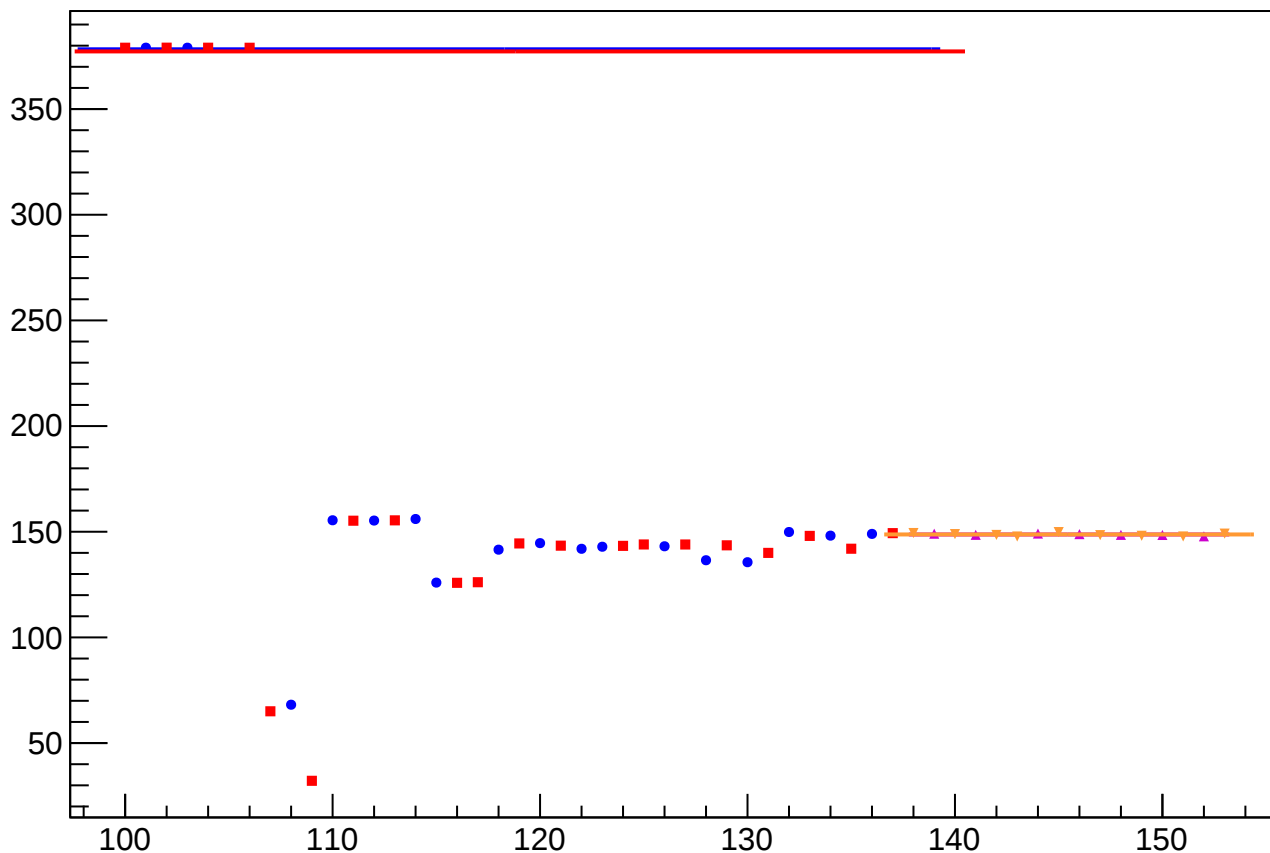
Left In: 0.532+/-0.000 χ^2/NDF : 178079.6/6

0.543+/-0.000 χ^2/NDF : 3759924.3/25

0.543+/-0.000 χ^2/NDF : 8667468.9/52

0.543+/-0.000 χ^2/NDF : 4907544.6/26

yield_cav4dQ_mean vs Slug, Sign Corrected



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

Left Out: 148.719+/-0.000 χ^2/NDF : 19525047.0/8

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

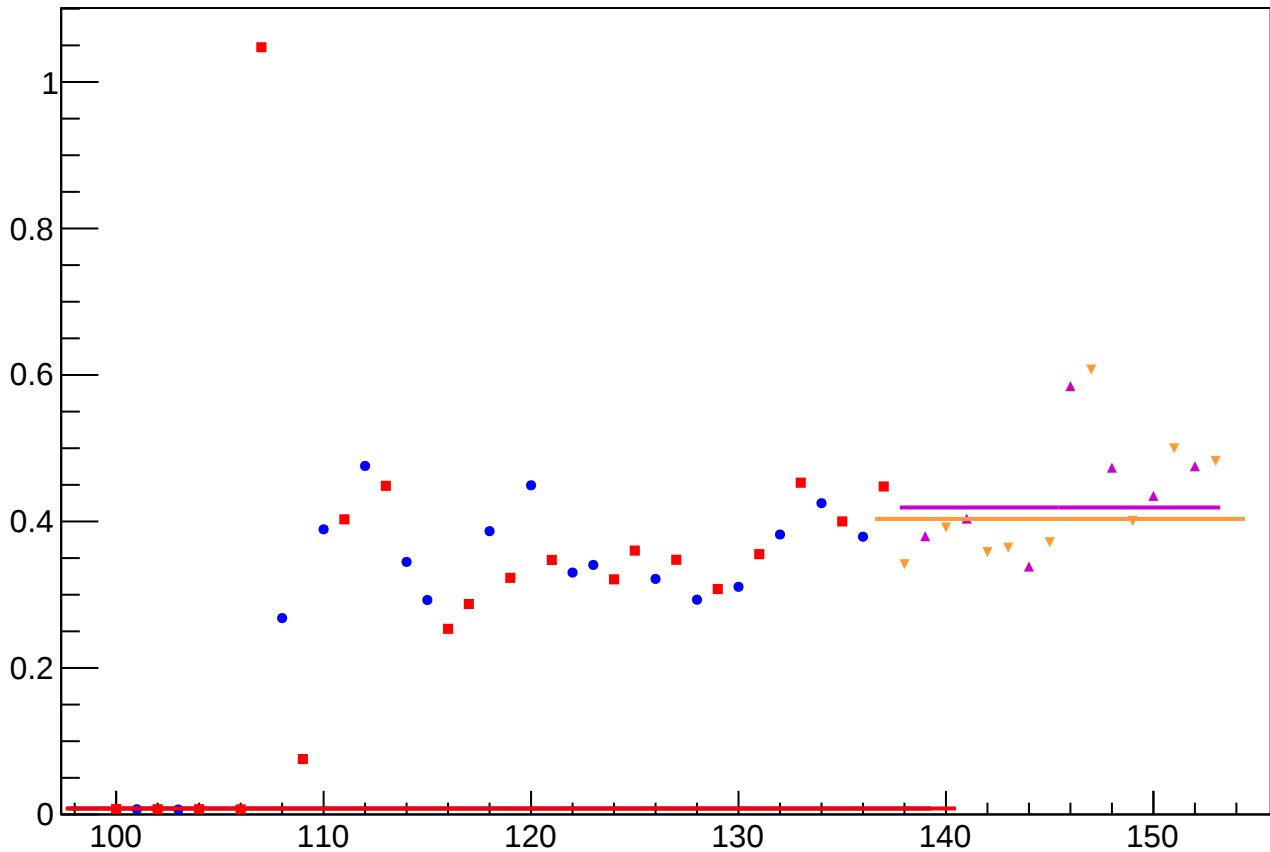
Left In: 148.700+/-0.000 χ^2/NDF : 5181767.9/6

377.633+/-0.000 χ^2/NDF : 4494294358952.8/25

377.201+/-0.000 χ^2/NDF : 144012387493

376.822+/-0.000 χ^2/NDF : 9902269297026.1/26

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 9885759.8/16

Left Out: 0.403 $\pm$ 0.000 χ^2 /NDF:350468.4/8

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 9601959.4/19

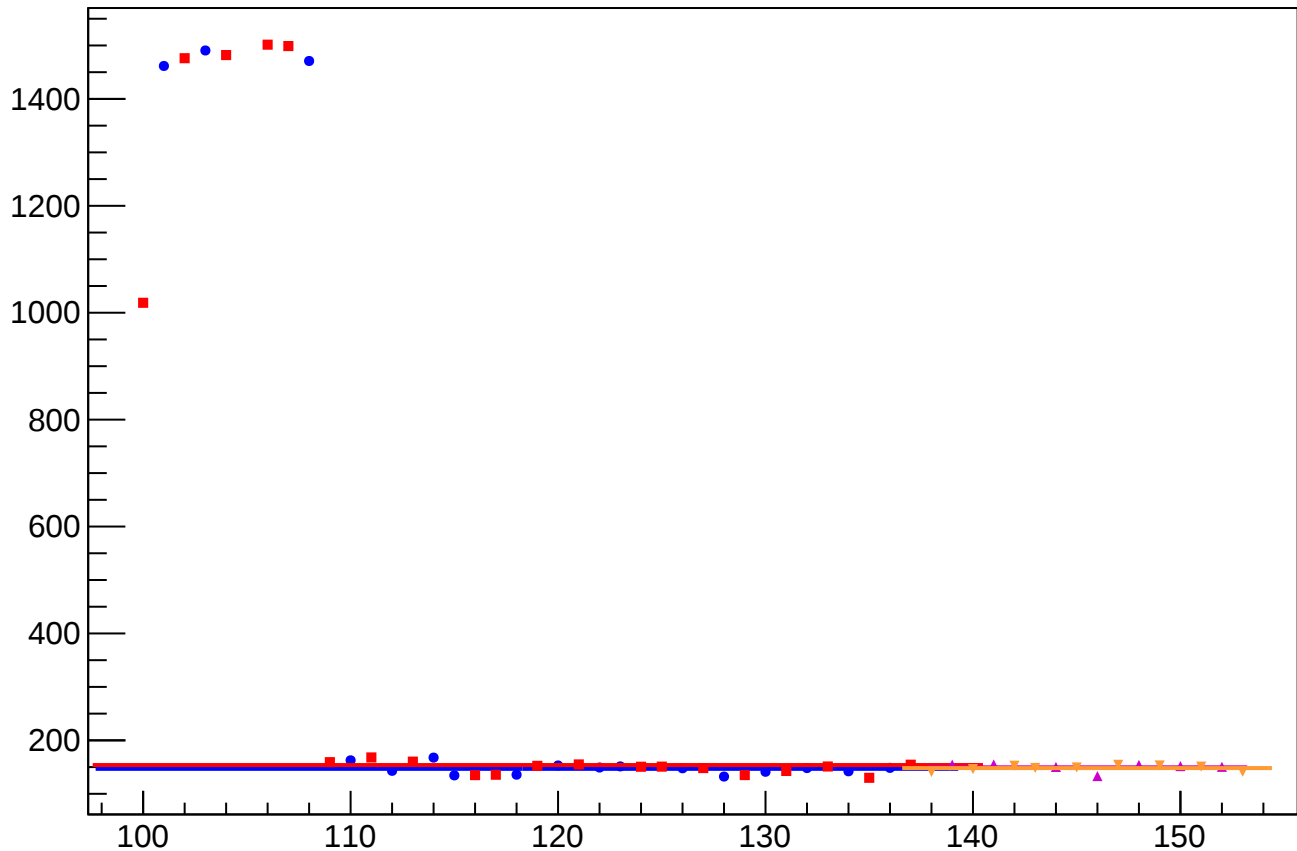
Left In: 0.419 $\pm$ 0.000 χ^2 /NDF:284472.5/6

0.009 $\pm$ 0.000 χ^2 /NDF: 21991316.4/25

0.009 $\pm$ 0.000 χ^2 /NDF: 42194812.9/52

0.009 $\pm$ 0.000 χ^2 /NDF: 20202517.3/26

yield_bcm0l02_mean vs Slug, Sign Corrected



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

Left Out: 148.123+/-0.000 χ^2/NDF : 157343802.9/8

147.513+/-0.000 χ^2/NDF : 24514138382.1/25

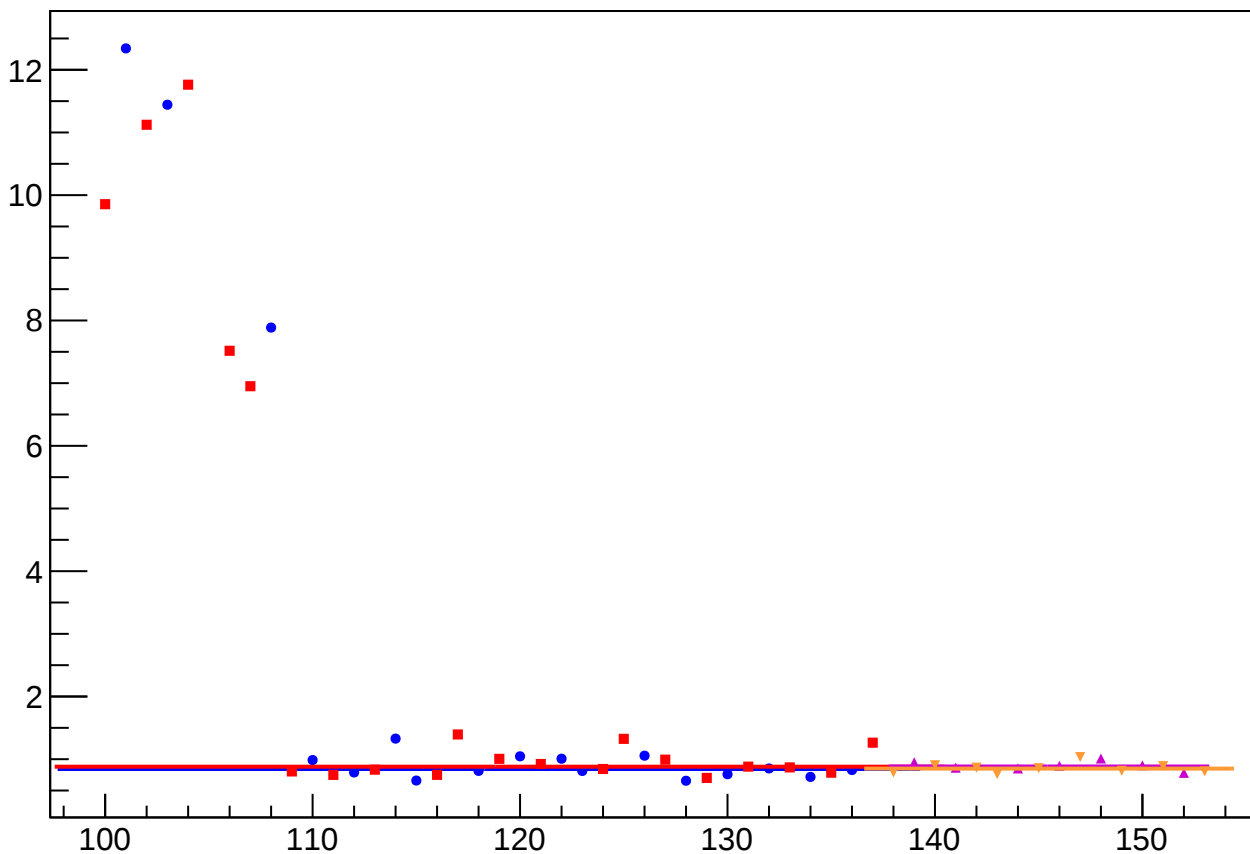
Right Out: 153.818+/-0.000 χ^2/NDF : 33744777744.4/19

149.453+/-0.000 χ^2/NDF : 58696679217.7

Left In: 149.565+/-0.000 χ^2/NDF : 290242987.7/6

151.595+/-0.000 χ^2/NDF : 34085234475.1/26

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.844 ± 0.000 χ^2/NDF : 2670470.7/16

Left Out: 0.850 ± 0.000 χ^2/NDF : 74251.7/8

Right Out: 0.880 ± 0.000 χ^2/NDF : 2823230.1/19

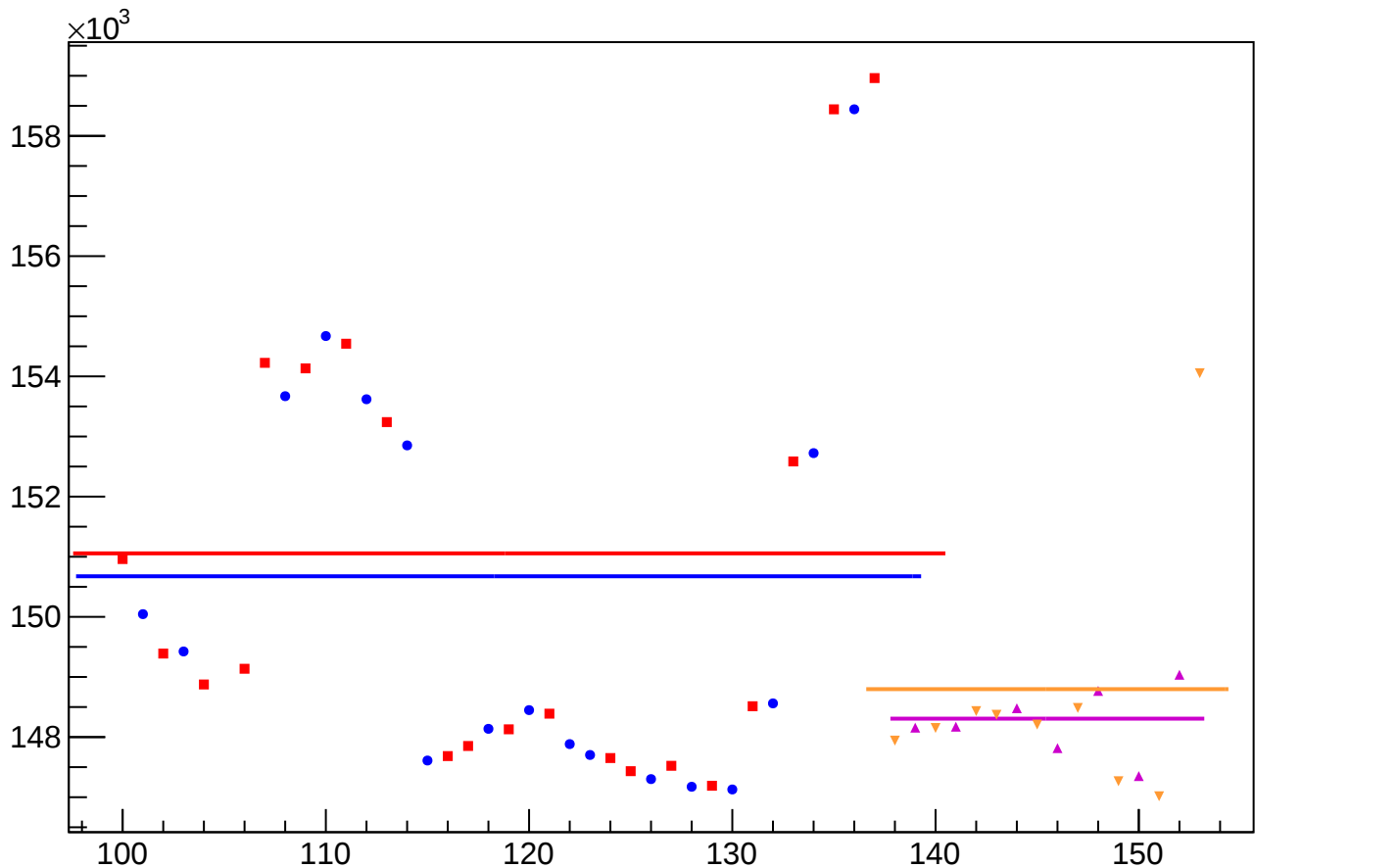
Left In: 0.884 ± 0.000 χ^2/NDF : 53513.7/6

0.847 ± 0.000 χ^2/NDF : 2744953.3/25

0.864 ± 0.000 χ^2/NDF : 5636000.2/52

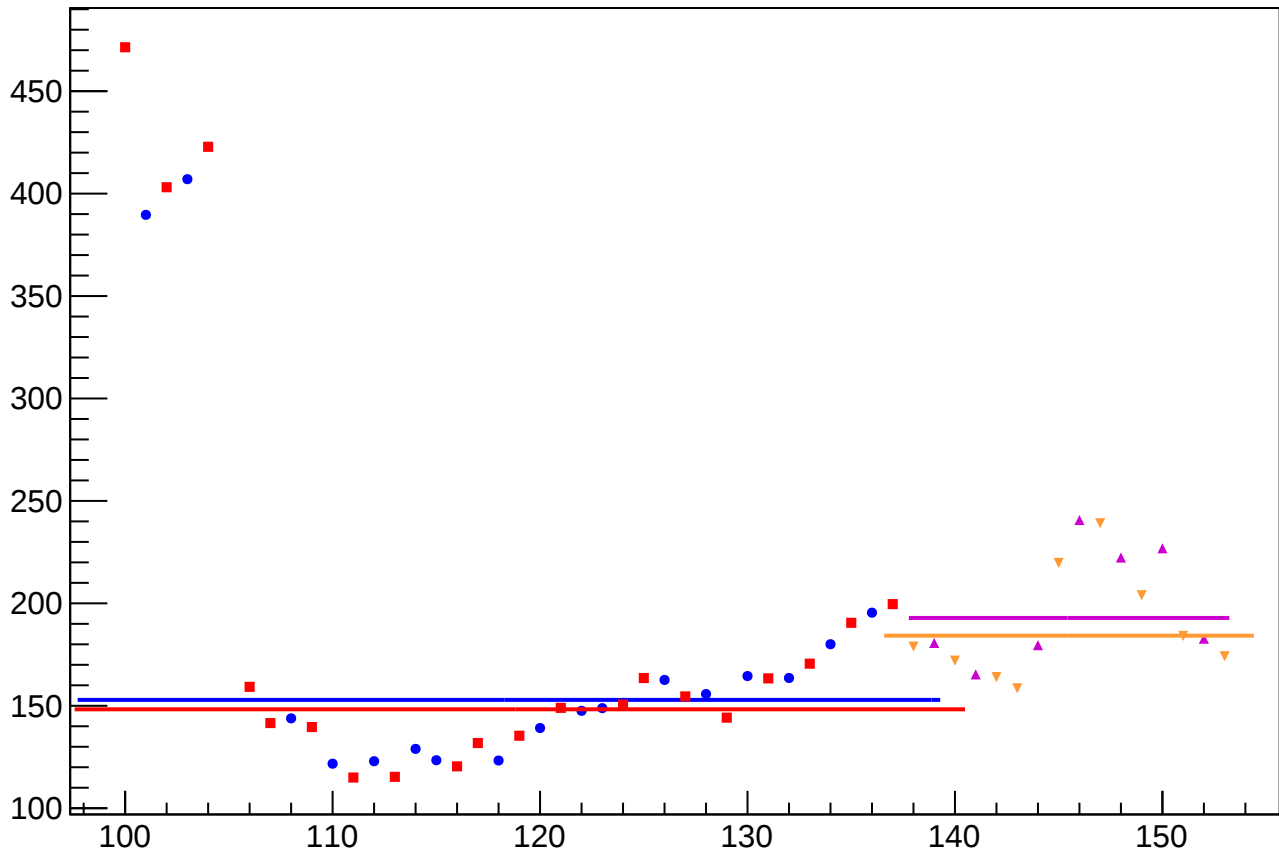
0.882 ± 0.000 χ^2/NDF : 2876806.3/26

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150675.025 $\pm$ 0.063 χ^2/NDF : 3309974859.4/16
 Left Out: 148797.582 $\pm$ 0.073 χ^2/NDF : 884765906.4/8
 Right Out: 151056.044 $\pm$ 0.059 χ^2/NDF : 3325519080.9/19
 Left In: 148306.802 $\pm$ 0.082 χ^2/NDF : 36675854.9/6

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 152.883 $\pm$ 0.045 χ^2/NDF : 1154088.7/16

Left Out: 184.234 $\pm$ 0.052 χ^2/NDF : 198435.0/8

Right Out: 148.278 $\pm$ 0.042 χ^2/NDF : 1192879.8/19

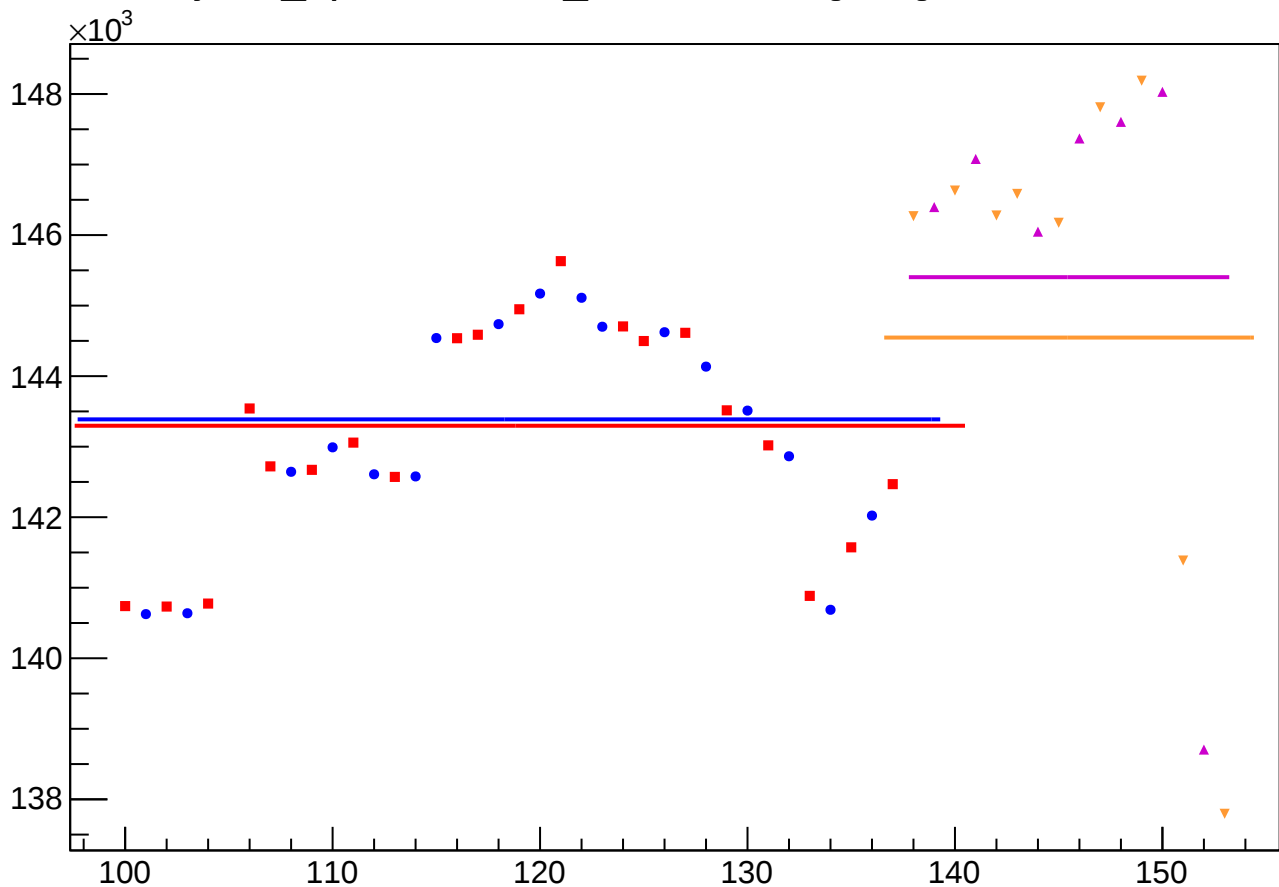
Left In: 192.875 $\pm$ 0.058 χ^2/NDF : 195705.8/6

166.288 $\pm$ 0.034 χ^2/NDF : 1564552.9/25

164.966 $\pm$ 0.024 χ^2/NDF : 3343438.6/52

163.615 $\pm$ 0.034 χ^2/NDF : 1775771.2/26

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

Left Out: 144546.969 $\pm$ 0.071 χ^2 /NDF: 2545641314.2/8

Right Out: 143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

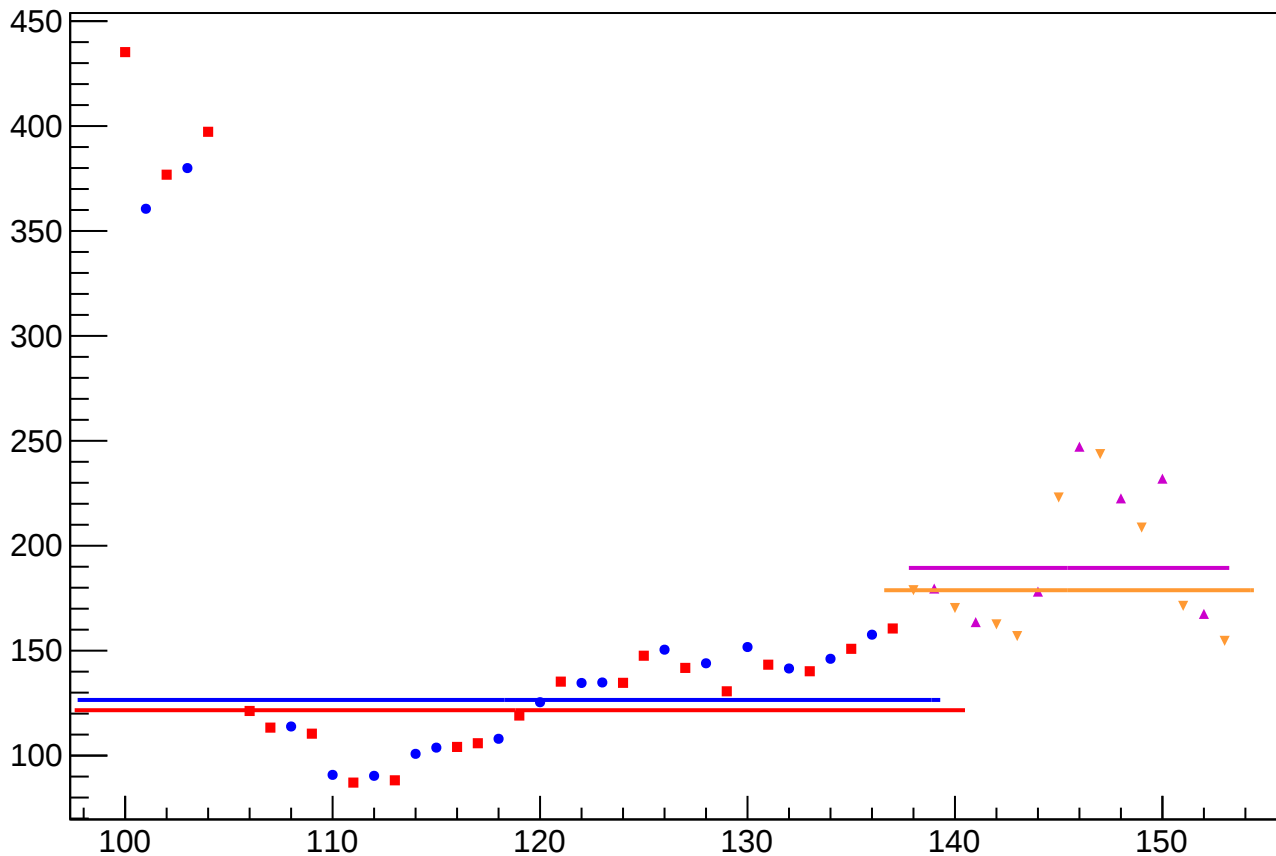
Left In: 145403.186 $\pm$ 0.081 χ^2 /NDF: 1646883162.7/6

143798.984 $\pm$ 0.042 χ^2 /NDF: 3238799392.7/25

143829.320 $\pm$ 0.030 χ^2 /NDF: 599757659

143858.953 $\pm$ 0.042 χ^2 /NDF: 2757762407.0/26

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 126.514 +/- 0.037 χ^2/NDF : 1441685.0/16

Left Out: 178.800 +/- 0.050 χ^2/NDF : 281470.1/8

Right Out: 121.625 +/- 0.035 χ^2/NDF : 1465763.8/19

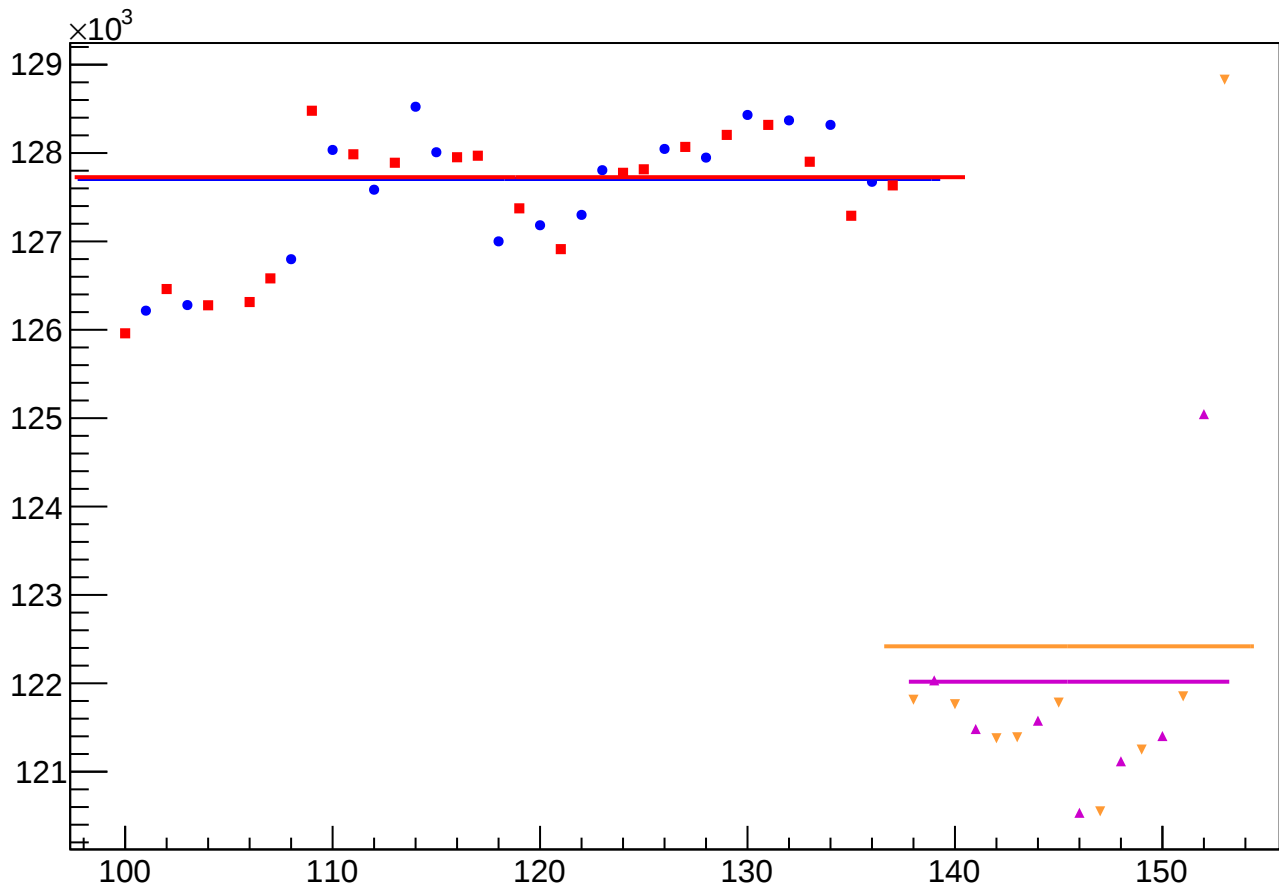
Left In: 189.428 +/- 0.057 χ^2/NDF : 258327.7/6

145.081 +/- 0.030 χ^2/NDF : 2421633.7/25

142.370 +/- 0.021 χ^2/NDF : 5189242.8/52

139.721 +/- 0.030 χ^2/NDF : 2751390.4/26

yield_bpm0l01WS_mean vs Slug, Sign Corrected



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

Left Out: 122418.482 $\pm$ 0.065 χ^2 /NDF: 1365909907.0/8

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

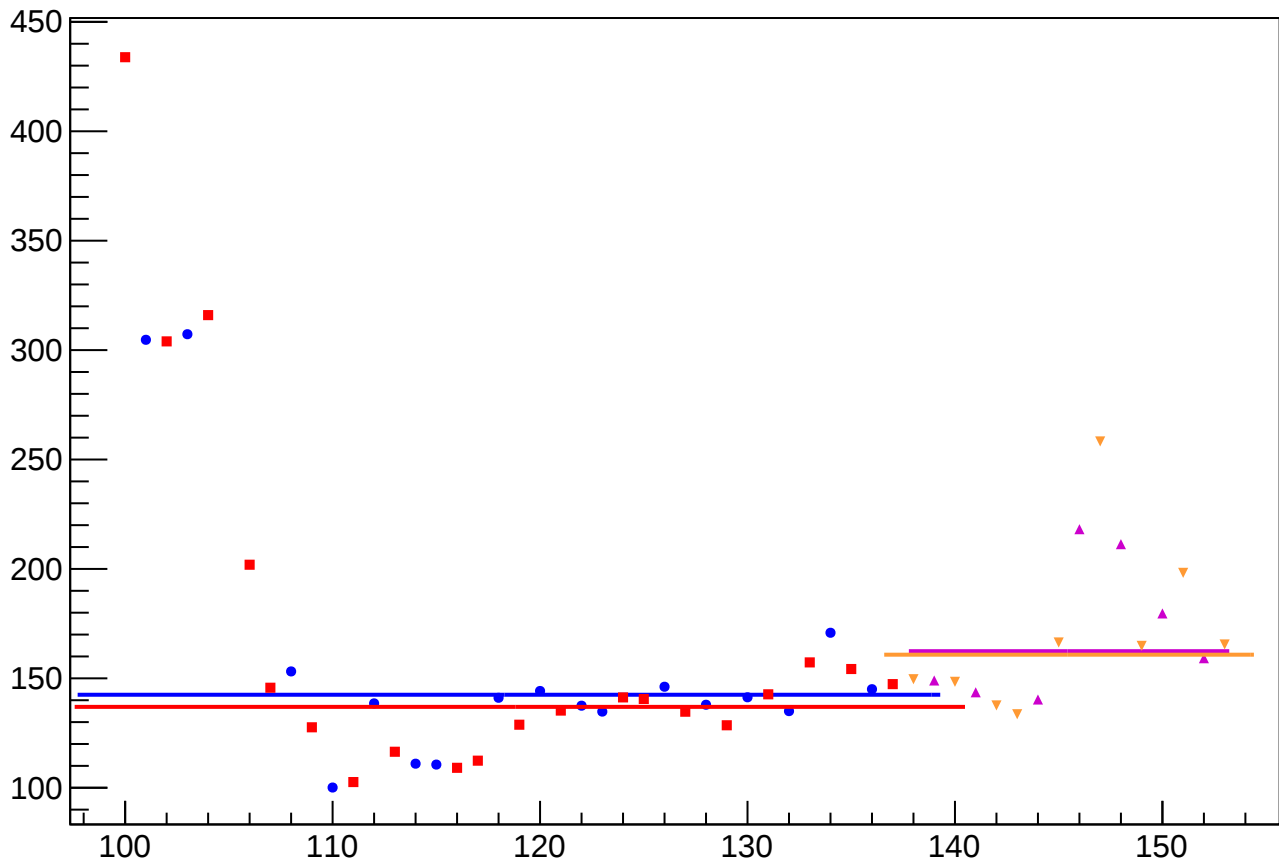
Left In: 122017.994 $\pm$ 0.070 χ^2 /NDF: 368942402.5/6

125348.966 $\pm$ 0.043 χ^2 /NDF: 5161423473.5/25

125467.223 $\pm$ 0.030 χ^2 /NDF: 981450292

125583.600 $\pm$ 0.043 χ^2 /NDF: 4638226846.1/26

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.502+/-0.041 χ^2/NDF : 836263.7/16

Left Out: 160.810+/-0.046 χ^2/NDF : 373493.9/8

Right Out: 136.963+/-0.038 χ^2/NDF : 961465.0/19

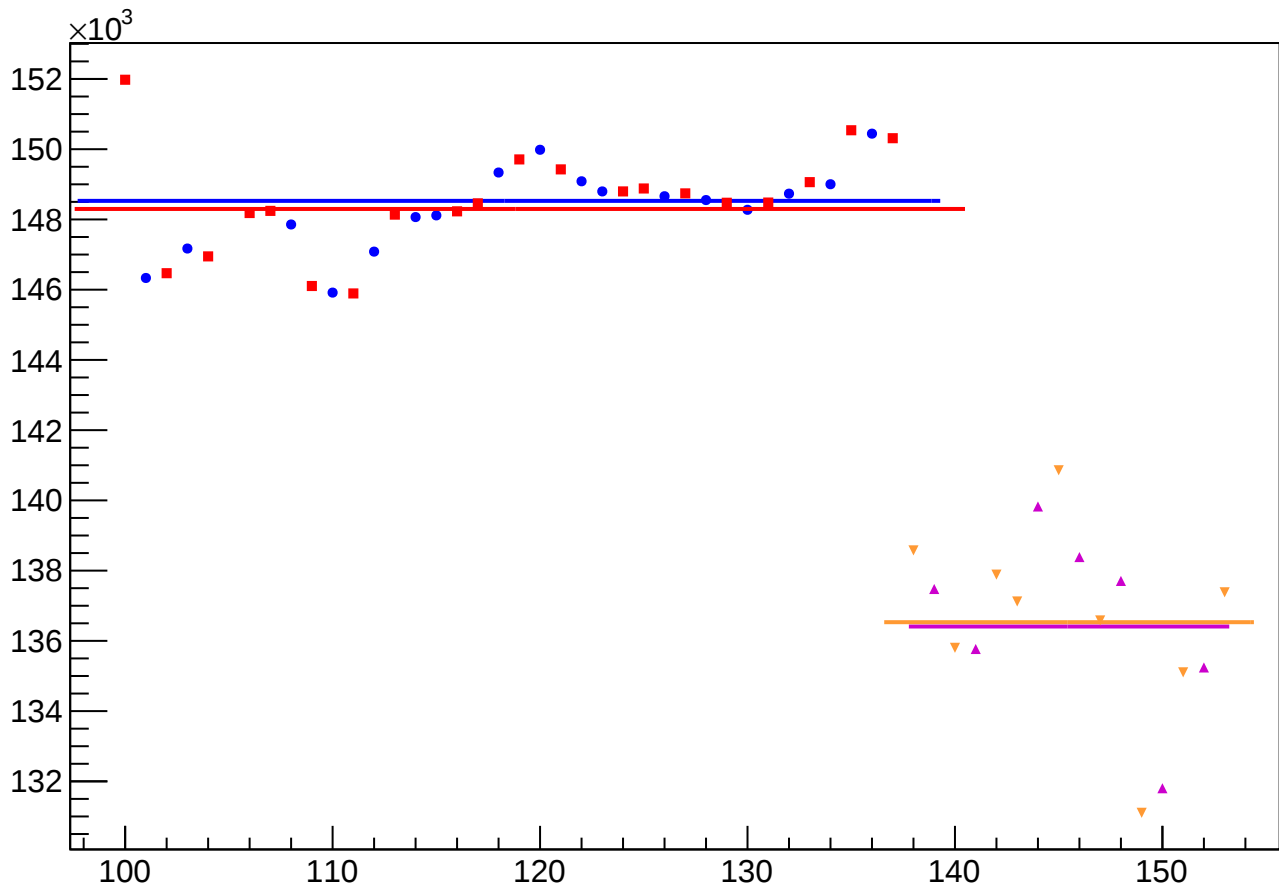
Left In: 162.414+/-0.049 χ^2/NDF : 281069.4/6

150.663+/-0.031 χ^2/NDF : 1298412.3/25

148.574+/-0.022 χ^2/NDF : 2715448.8/52

146.518+/-0.030 χ^2/NDF : 1407764.4/26

yield_bpm0l02WS_mean vs Slug, Sign Corrected



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

Left Out: 136531.803 $\pm$ 0.098 χ^2 /NDF: 734956323.5/8

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

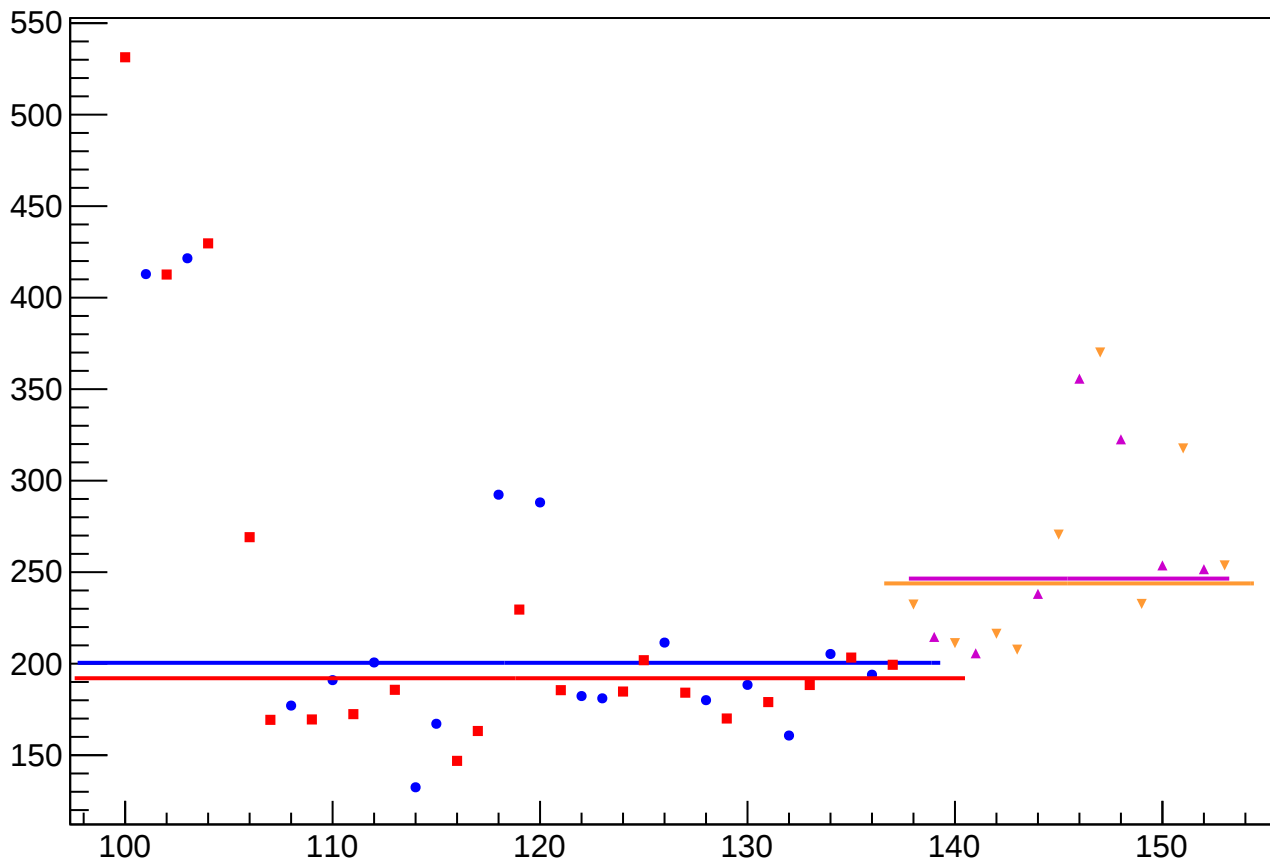
Left In: 136408.964 $\pm$ 0.106 χ^2 /NDF: 532668789.0/6

143562.671 $\pm$ 0.063 χ^2 /NDF: 9790397597.8/25

143916.853 $\pm$ 0.044 χ^2 /NDF: 189789896

144259.628 $\pm$ 0.062 χ^2 /NDF: 9126057147.8/26

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 200.472+/-0.058 χ^2/NDF : 936547.2/16

Left Out: 243.851+/-0.069 χ^2/NDF : 376702.2/8

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

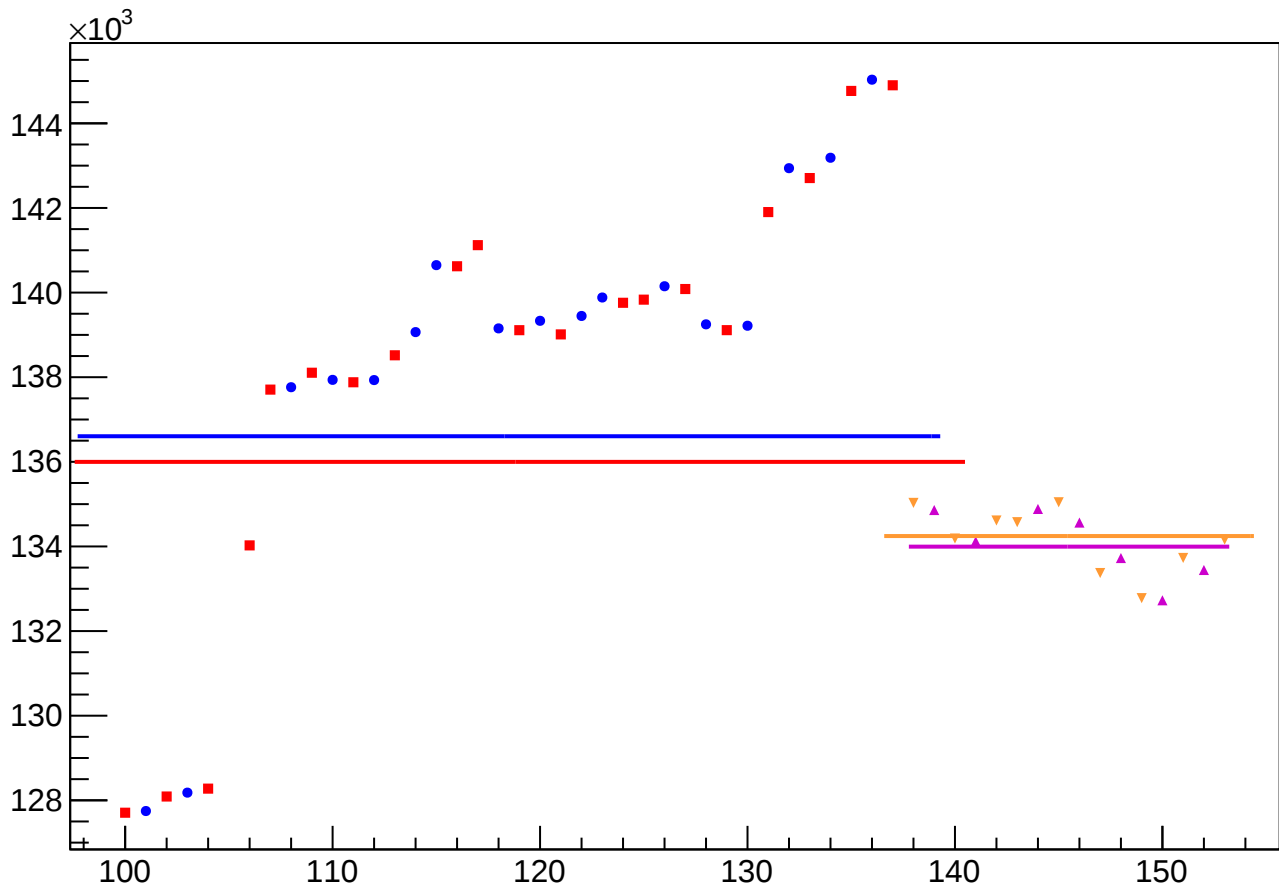
Left In: 246.495+/-0.075 χ^2/NDF : 332495.5/6

218.429+/-0.044 χ^2/NDF : 1544539.1/25

214.419+/-0.031 χ^2/NDF : 3088408.2/52

210.539+/-0.044 χ^2/NDF : 1527840.1/26

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

Left Out: 134245.714 $\pm$ 0.213 χ^2 /NDF: 10313120.4/8

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

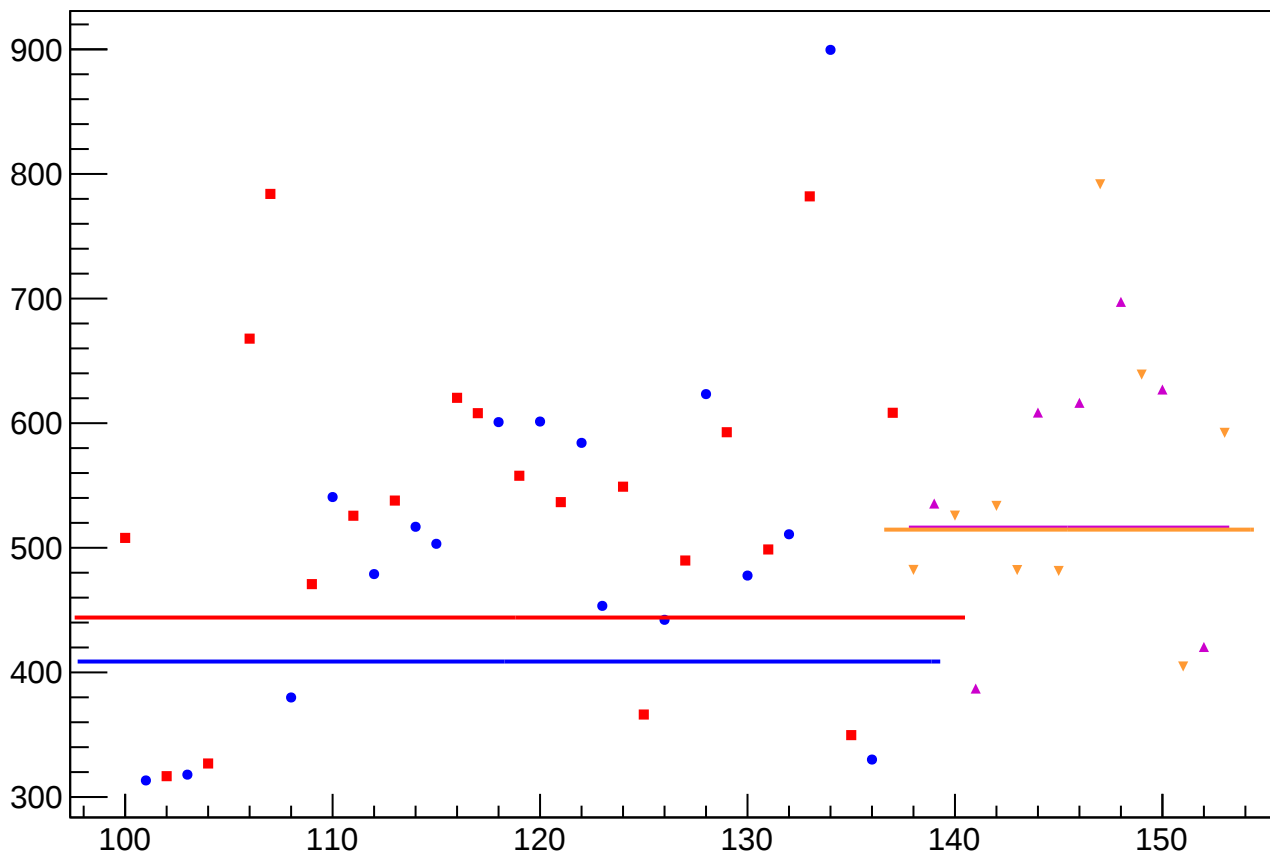
Left In: 133995.364 $\pm$ 0.239 χ^2 /NDF: 8207076.2/6

135677.222 $\pm$ 0.134 χ^2 /NDF: 1579100914.2/25

135486.237 $\pm$ 0.098 χ^2 /NDF: 272108272

135261.164 $\pm$ 0.145 χ^2 /NDF: 1137526727.9/26

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 408.729 $\pm$ 0.121 χ^2 /NDF: 823262.8/16

Left Out: 514.578 $\pm$ 0.151 χ^2 /NDF: 375278.6/8

Right Out: 444.034 $\pm$ 0.129 χ^2 /NDF: 922545.8/19

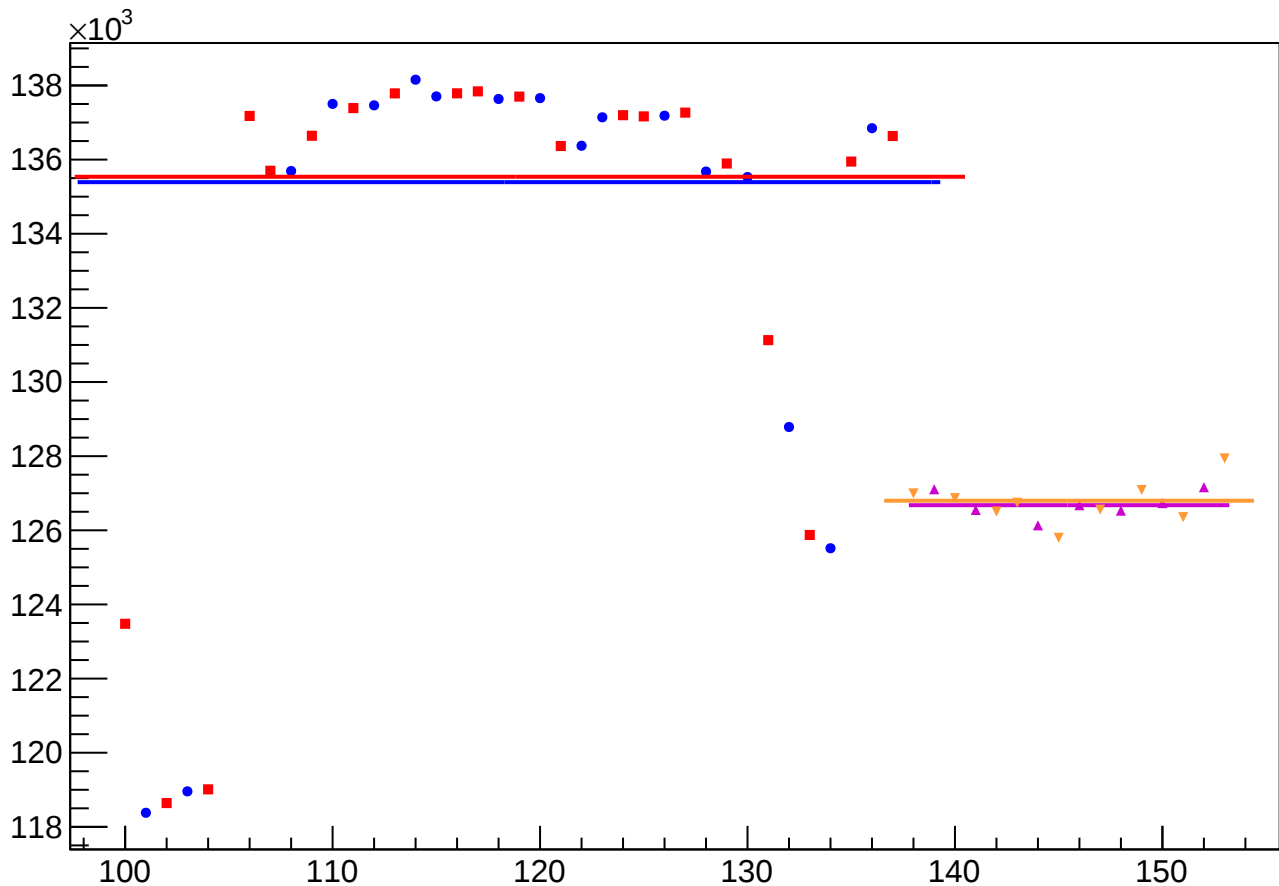
Left In: 516.203 $\pm$ 0.169 χ^2 /NDF: 433253.0/6

450.344 $\pm$ 0.094 χ^2 /NDF: 1498281.8/25

459.645 $\pm$ 0.069 χ^2 /NDF: 2990501.1/52

470.607 $\pm$ 0.103 χ^2 /NDF: 1471085.8/26

yield_bpm0l04WS_mean vs Slug, Sign Corrected



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

Left Out: 126798.567 $\pm$ 0.070 χ^2 /NDF: 64265287.8/8

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

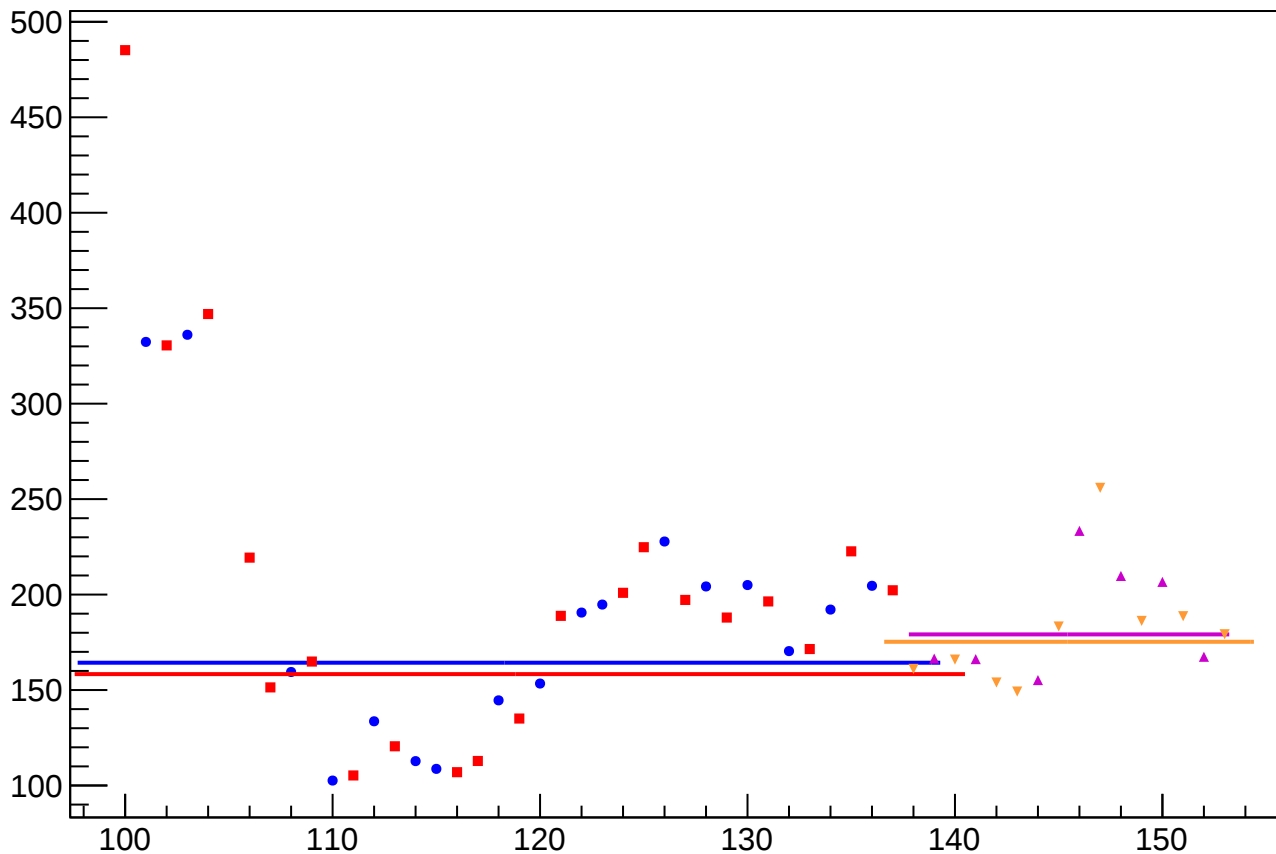
Left In: 126677.473 $\pm$ 0.077 χ^2 /NDF: 22571897.8/6

131183.672 $\pm$ 0.049 χ^2 /NDF: 12403402789.2/2

131537.703 $\pm$ 0.035 χ^2 /NDF: 251709808

131896.244 $\pm$ 0.049 χ^2 /NDF: 12661494308.7/2

yield_bpm0l04WS_rms vs Slug, Sign Corrected



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

Left Out: 175.273+/-0.049 χ^2/NDF : 242823.1/8

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

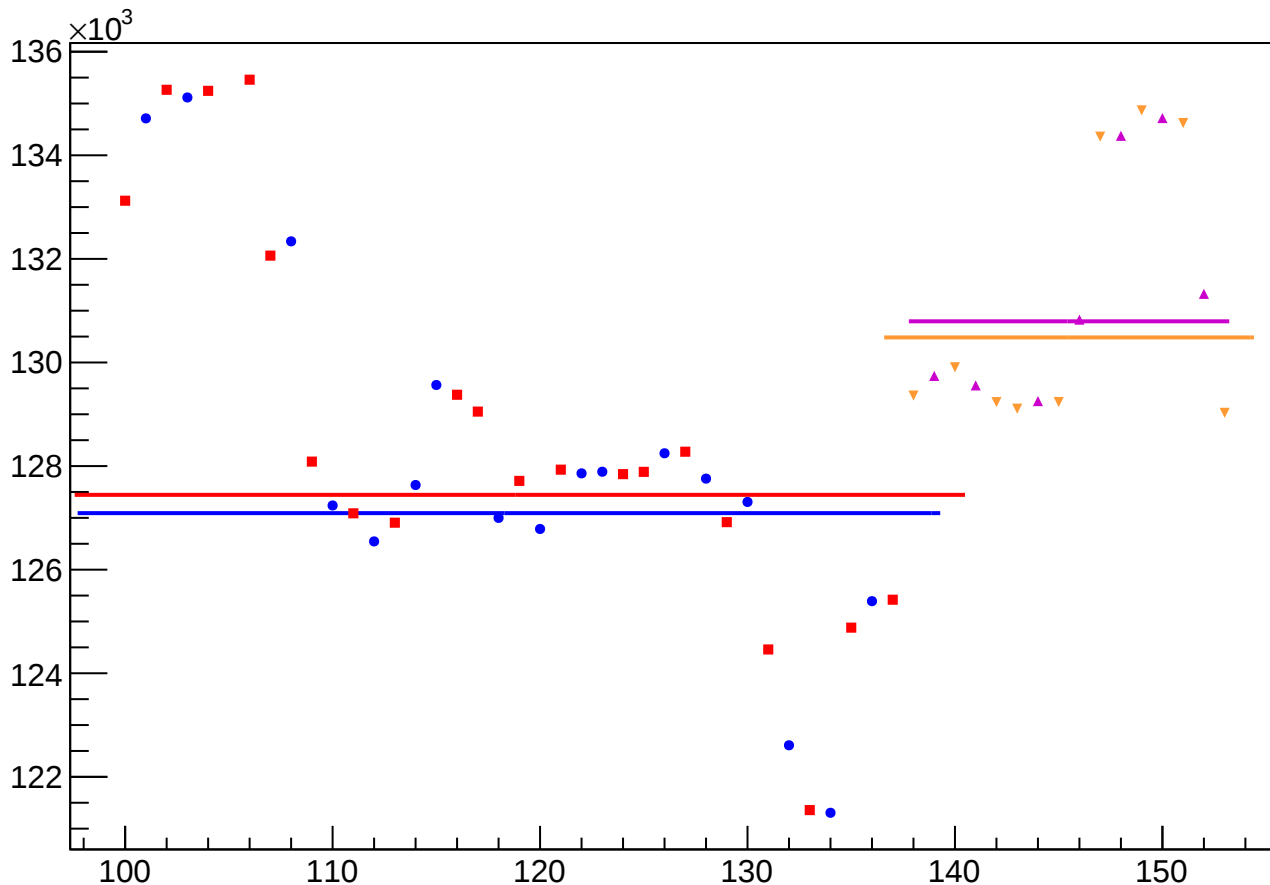
Left In: 179.139+/-0.054 χ^2/NDF : 214312.5/6

169.679+/-0.034 χ^2/NDF : 1498565.1/25

168.291+/-0.024 χ^2/NDF : 3201454.8/52

166.885+/-0.035 χ^2/NDF : 1699628.7/26

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127091.500 $\pm$ 0.066 χ^2/NDF : 1717208780.6/16

Left Out: 130483.617 $\pm$ 0.071 χ^2/NDF : 969486059.9/8

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

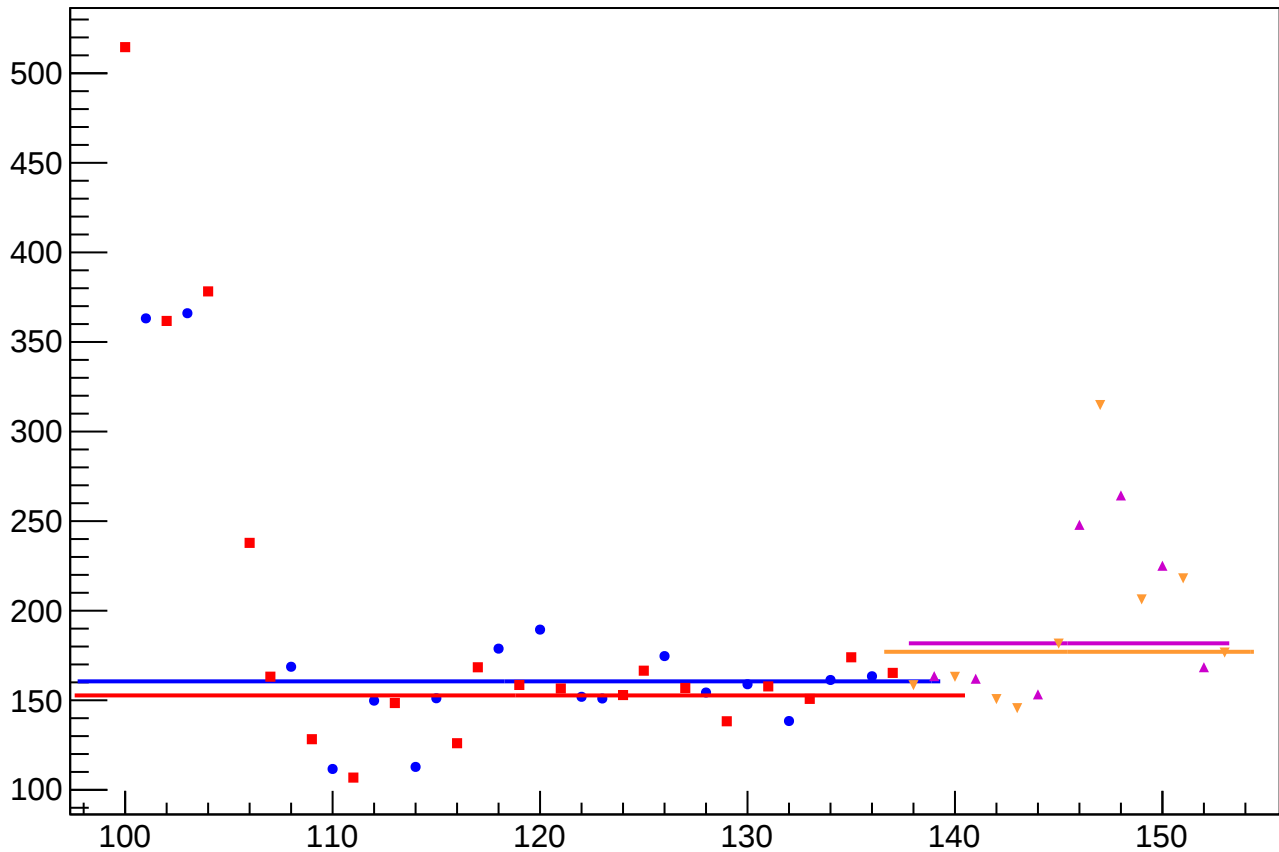
Left In: 130794.734 $\pm$ 0.079 χ^2/NDF : 571329598.1/6

128661.277 $\pm$ 0.049 χ^2/NDF : 3897950168.3/25

128687.790 $\pm$ 0.034 χ^2/NDF : 768131524

128714.062 $\pm$ 0.048 χ^2/NDF : 3782772501.1/26

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.564 $\pm$ 0.047 χ^2 /NDF: 942747.0/16

Left Out: 177.066 $\pm$ 0.051 χ^2 /NDF: 499044.3/8

Right Out: 152.711 $\pm$ 0.043 χ^2 /NDF: 1087186.3/19

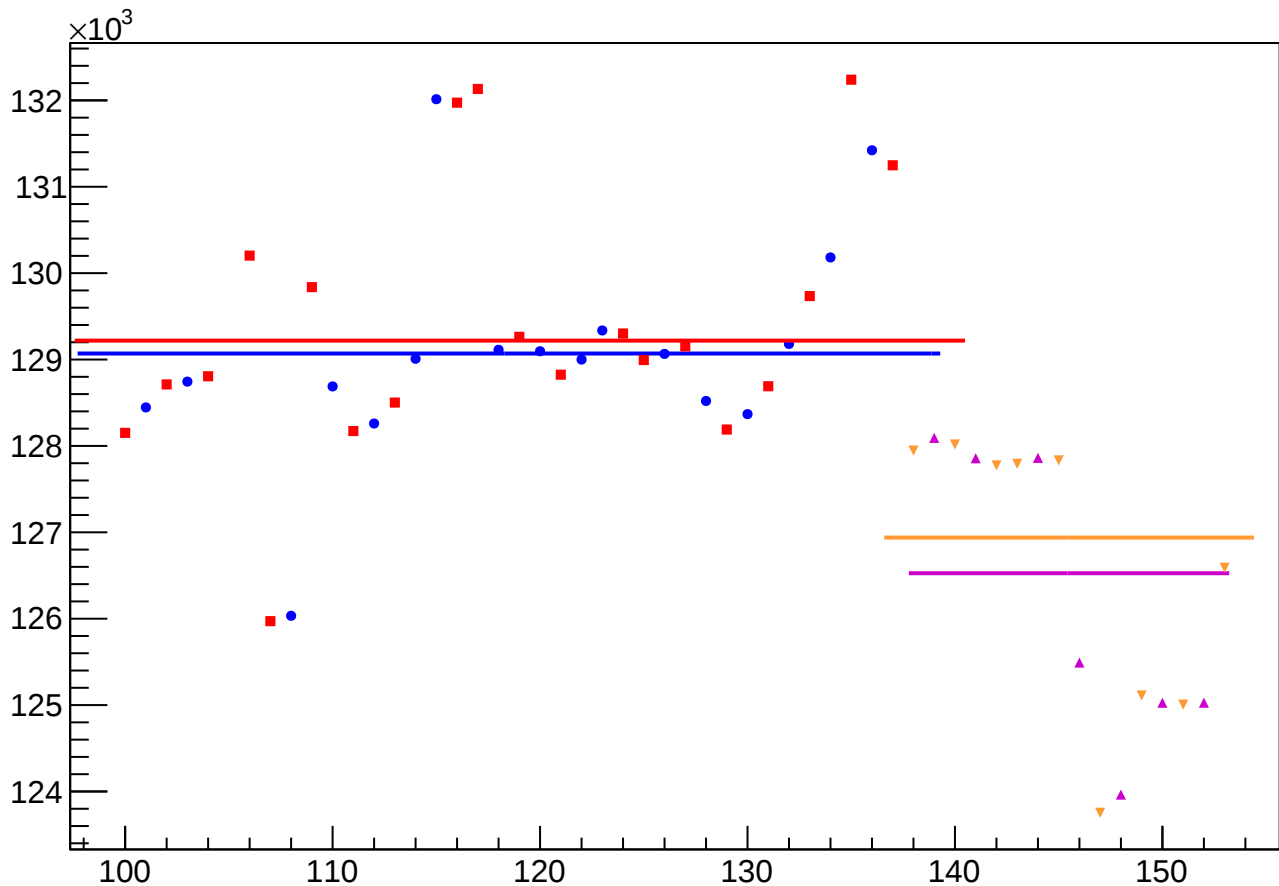
Left In: 181.788 $\pm$ 0.056 χ^2 /NDF: 436401.3/6

168.201 $\pm$ 0.034 χ^2 /NDF: 1499126.2/25

165.955 $\pm$ 0.024 χ^2 /NDF: 3201274.9/52

163.729 $\pm$ 0.034 χ^2 /NDF: 1693643.8/26

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129069.668 ± 0.060 $\chi^2/\text{NDF}: 476692316.5/16$

Left Out: 126939.217 ± 0.067 $\chi^2/\text{NDF}: 400238370.2/8$

Right Out: 129219.072 ± 0.056 $\chi^2/\text{NDF}: 660468184.1/19$

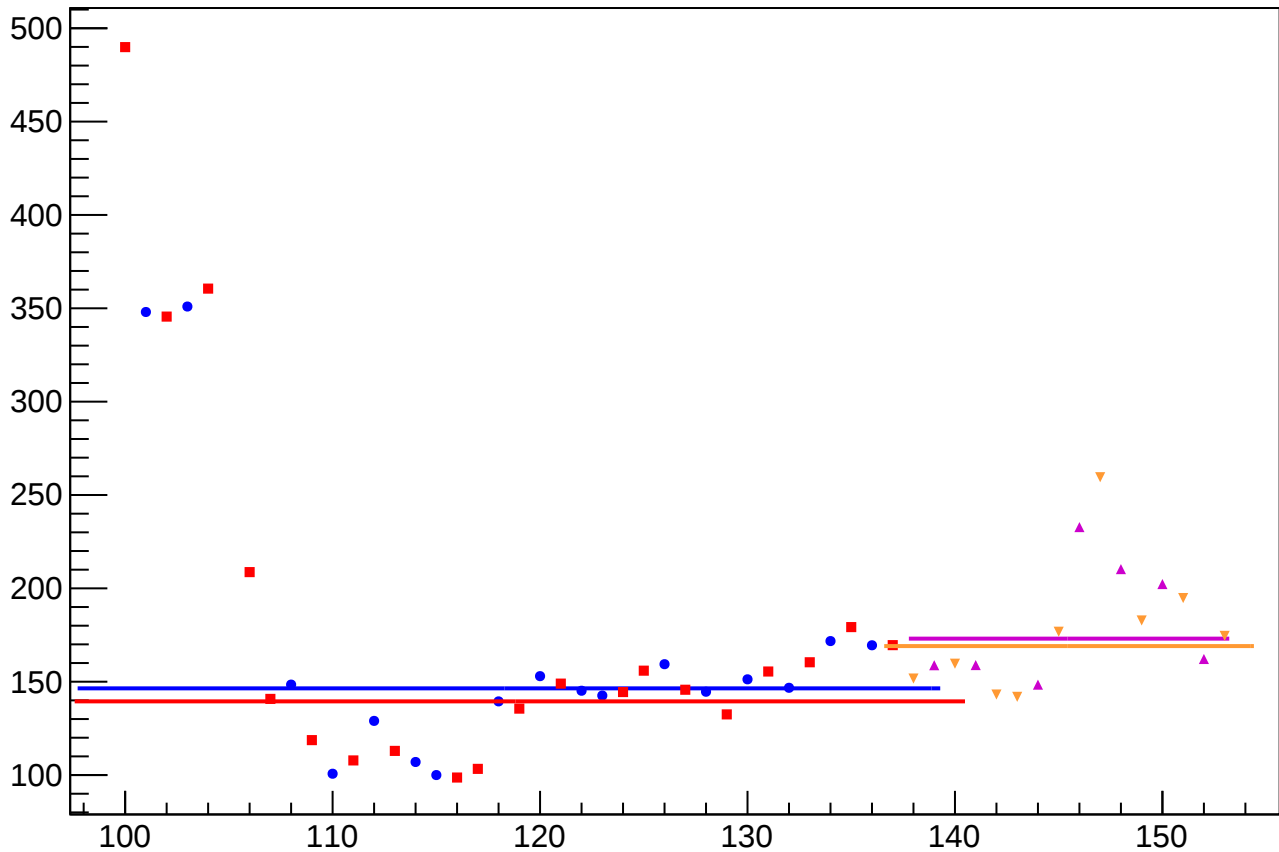
Left In: 126526.361 ± 0.074 $\chi^2/\text{NDF}: 439504534.1/6$

128126.113 ± 0.045 $\chi^2/\text{NDF}: 1432167003.4/25$

128186.888 ± 0.032 $\chi^2/\text{NDF}: 337860554$

128246.691 ± 0.045 $\chi^2/\text{NDF}: 1942805360.7/26$

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 146.437 +/- 0.043 χ^2/NDF : 1064791.0/16

Left Out: 169.078 +/- 0.048 χ^2/NDF : 328402.5/8

Right Out: 139.468 +/- 0.039 χ^2/NDF : 1214310.8/19

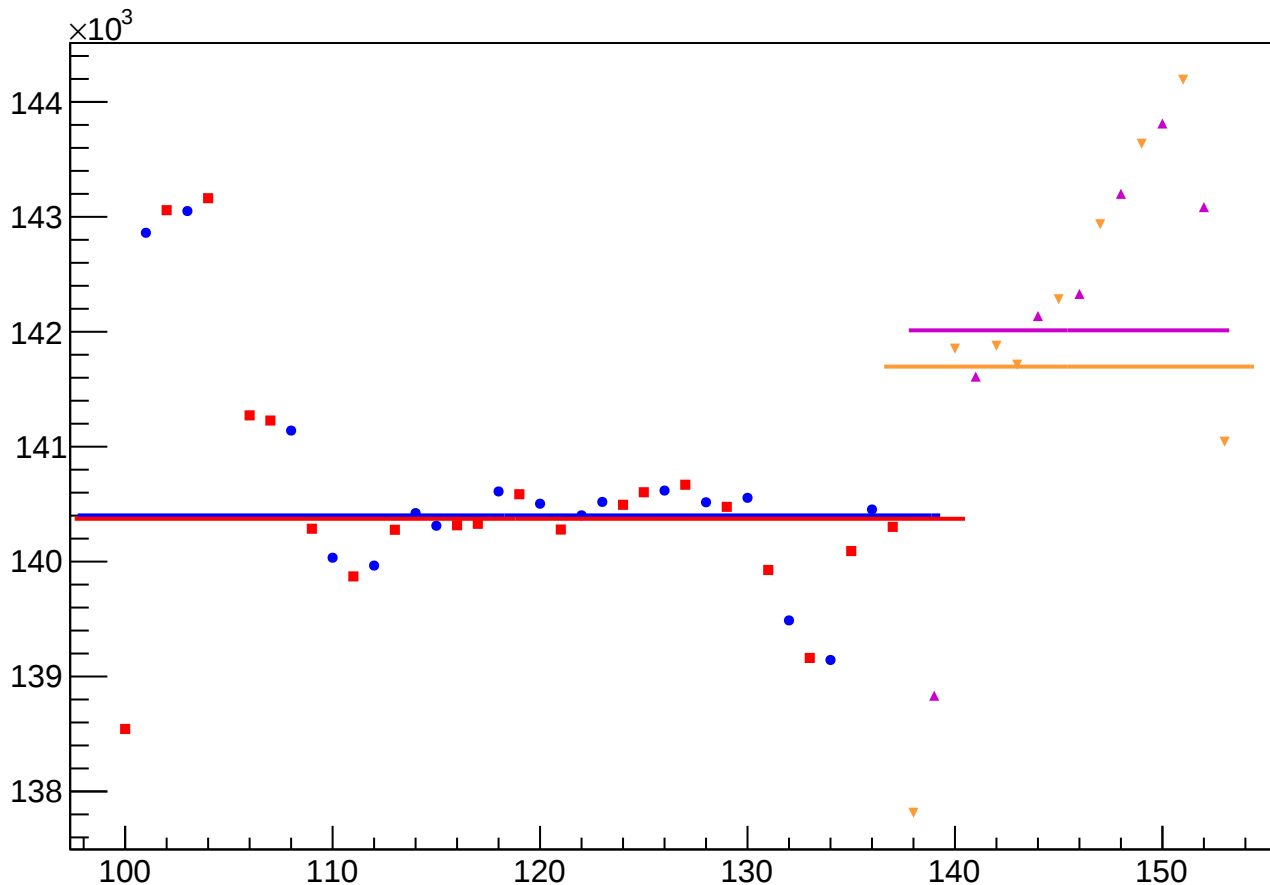
Left In: 173.068 +/- 0.052 χ^2/NDF : 265956.3/6

156.465 +/- 0.032 χ^2/NDF : 1518608.7/25

154.013 +/- 0.022 χ^2/NDF : 3273170.3/52

151.601 +/- 0.032 χ^2/NDF : 1742740.0/26

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

Left Out: 141696.770 $\pm$ 0.079 χ^2 /NDF: 538041088.9/8

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

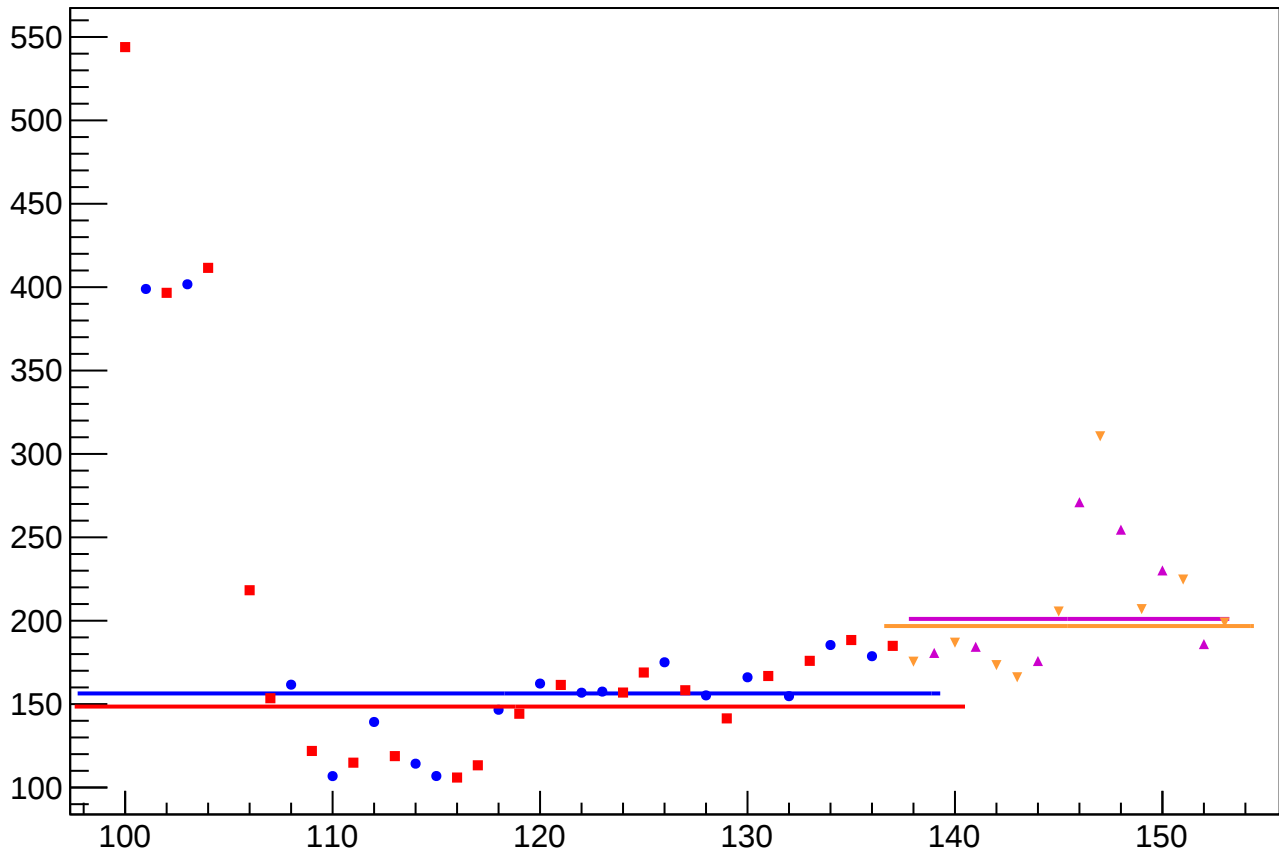
Left In: 142012.345 $\pm$ 0.086 χ^2 /NDF: 309811620.5/6

140919.710 $\pm$ 0.050 χ^2 /NDF: 787995546.2/25

140909.961 $\pm$ 0.035 χ^2 /NDF: 144231062

140900.545 $\pm$ 0.049 χ^2 /NDF: 654239884.3/26

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 156.394+/-0.046 χ^2/NDF : 1154804.2/16

Left Out: 196.809+/-0.056 χ^2/NDF : 323572.5/8

Right Out: 148.524+/-0.042 χ^2/NDF : 1316113.9/19

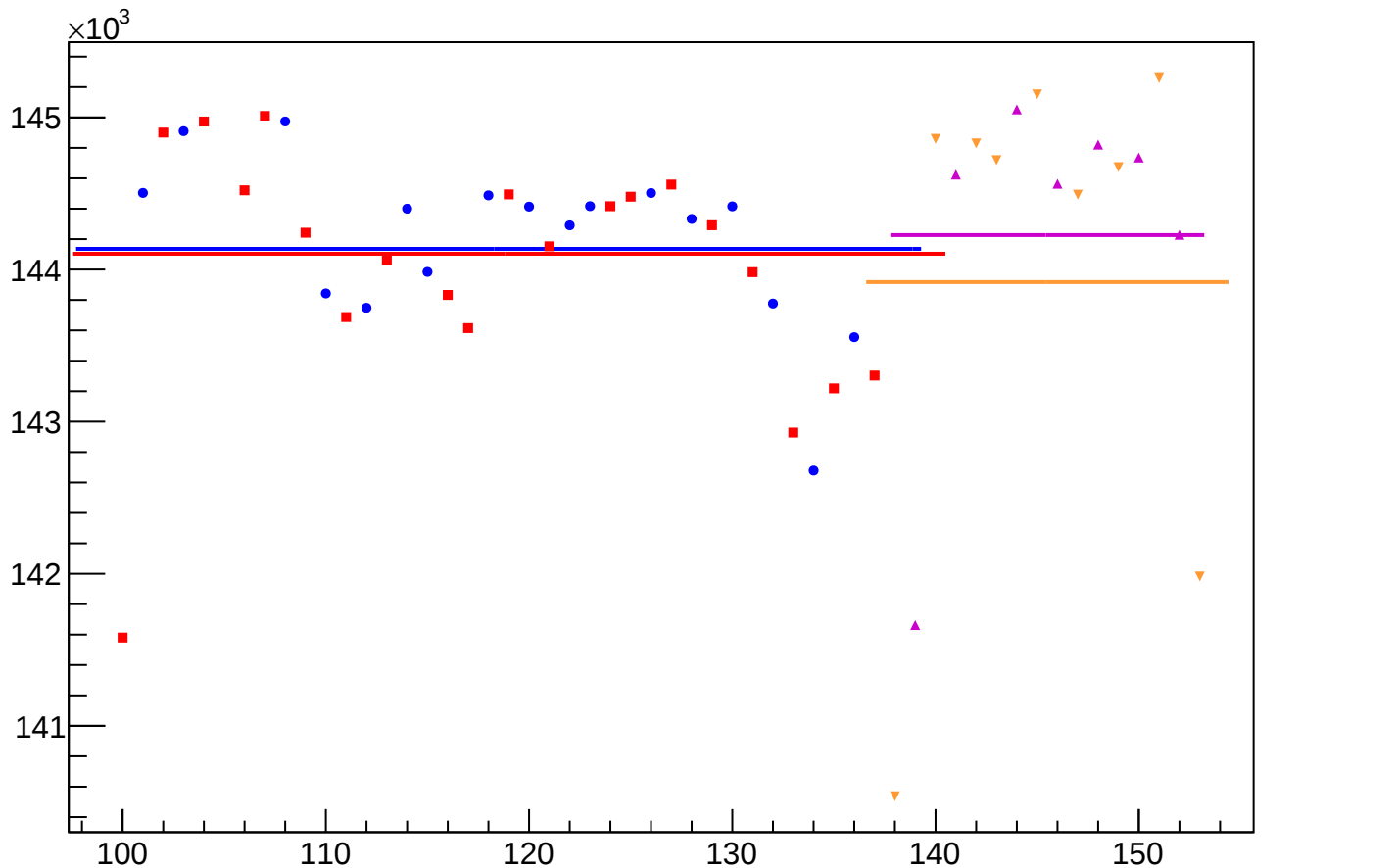
Left In: 201.083+/-0.061 χ^2/NDF : 276660.4/6

172.553+/-0.035 χ^2/NDF : 1793833.5/25

168.938+/-0.025 χ^2/NDF : 3909859.3/52

165.446+/-0.035 χ^2/NDF : 2095342.3/26

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144136.118 $\pm$ 0.067 χ^2 /NDF: 47069480.3/16

Left Out: 143917.759 $\pm$ 0.078 χ^2 /NDF: 451163176.2/8

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

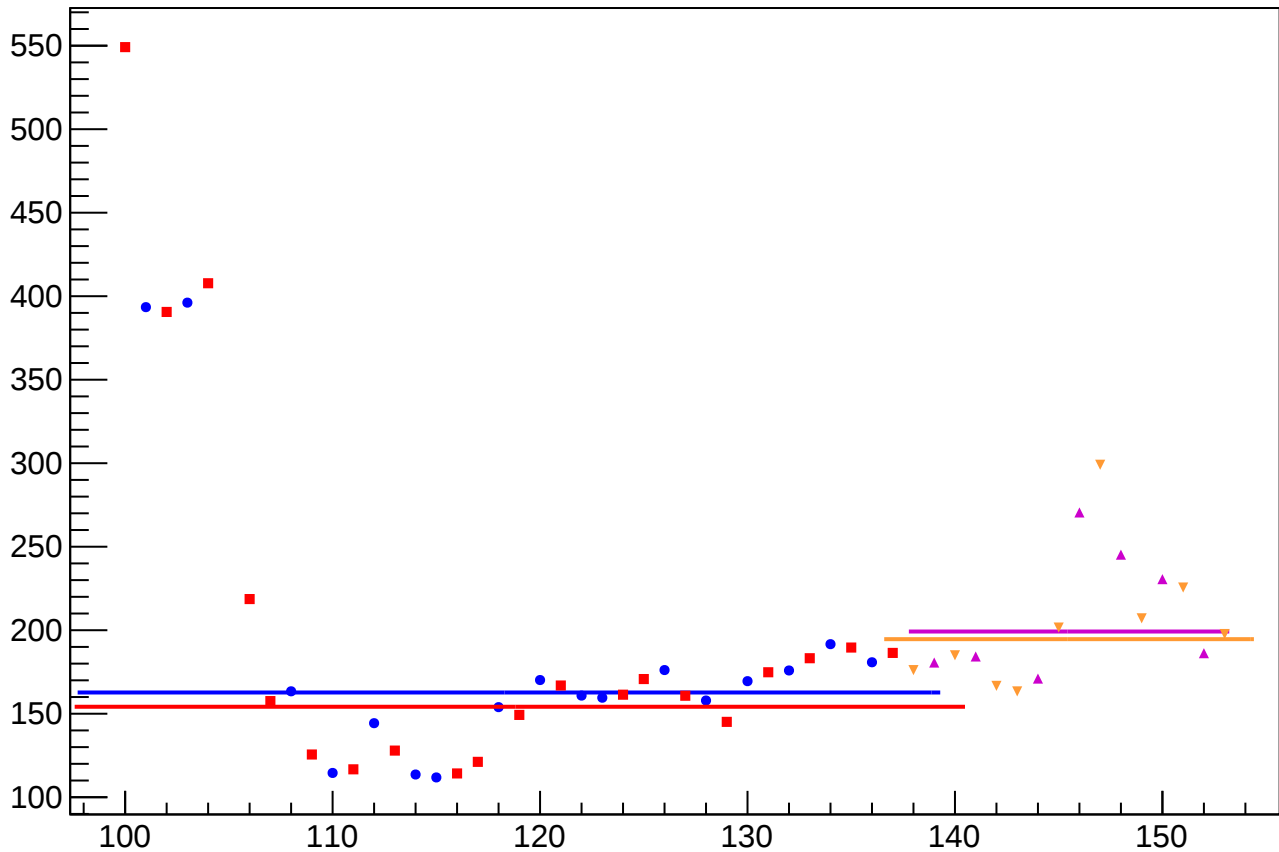
Left In: 144226.690 $\pm$ 0.086 χ^2 /NDF: 169309289.7/6

144043.609 $\pm$ 0.051 χ^2 /NDF: 502763691.5/25

144095.429 $\pm$ 0.036 χ^2 /NDF: 741463951

144145.743 $\pm$ 0.050 χ^2 /NDF: 236640451.8/26

yield_bpm0l08WS_rms vs Slug, Sign Corrected



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

Left Out: 194.646 $\pm$ 0.055 χ^2 /NDF:317193.1/8

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

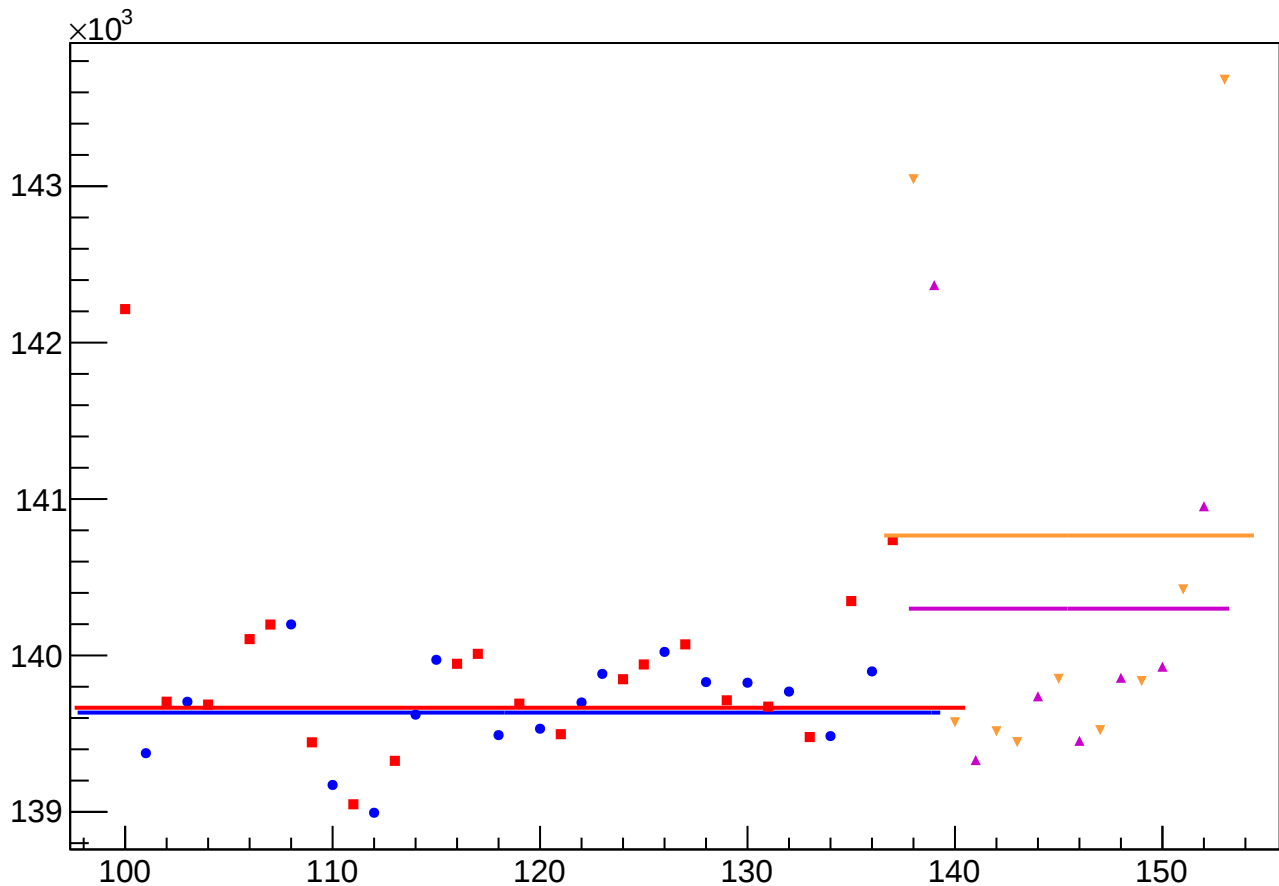
Left In: 199.221 $\pm$ 0.060 χ^2 /NDF:273598.7/6

176.242 $\pm$ 0.036 χ^2 /NDF: 1577466.4/25

172.835 $\pm$ 0.025 χ^2 /NDF: 3458365.5/52

169.528 $\pm$ 0.035 χ^2 /NDF: 1863094.3/26

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139634.700 $\pm$ 0.068 χ^2 /NDF: 24844912.0/16

Left Out: 140766.922 $\pm$ 0.083 χ^2 /NDF: 387484101.3/8

Right Out: 139665.743 $\pm$ 0.063 χ^2 /NDF: 38703726.2/19

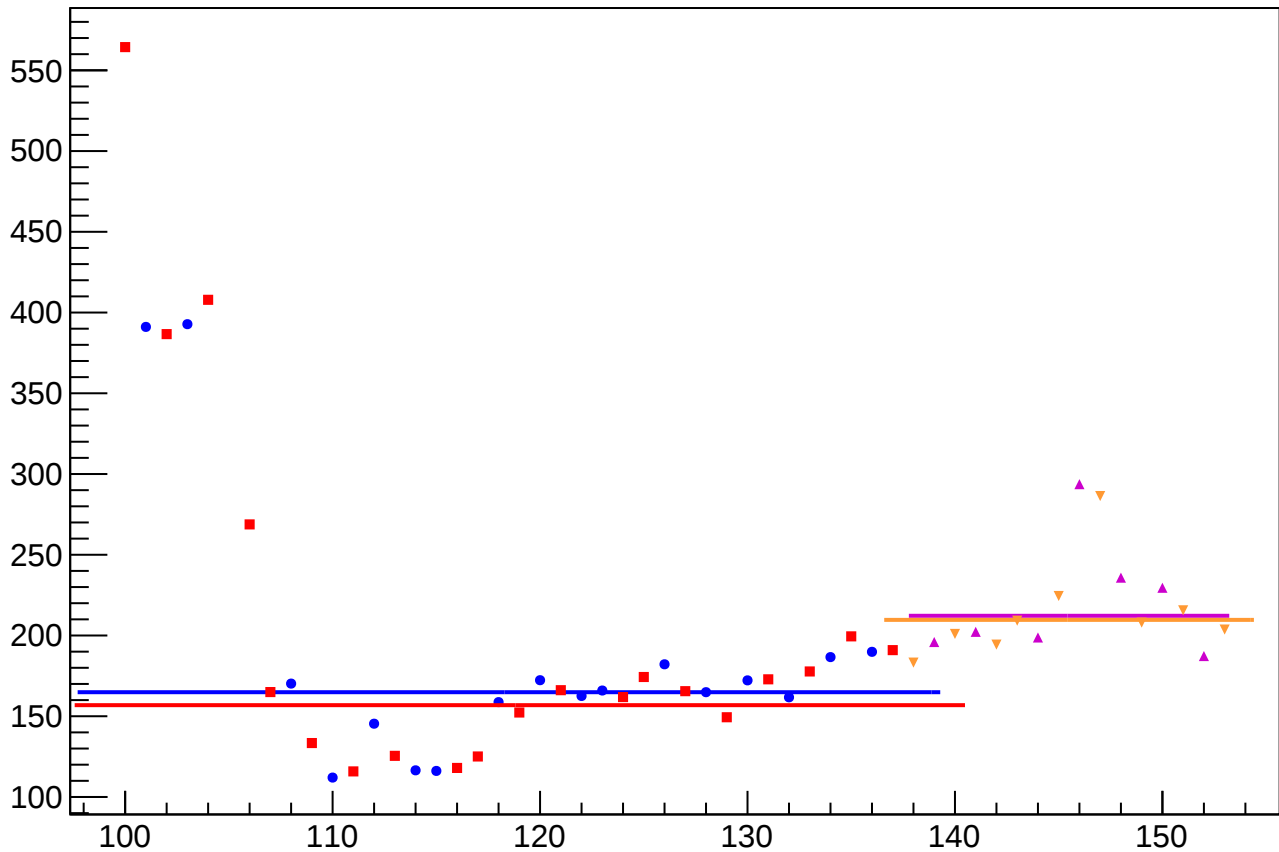
Left In: 140299.280 $\pm$ 0.091 χ^2 /NDF: 121952466.5/6

140086.857 $\pm$ 0.053 χ^2 /NDF: 523775315.9/25

139976.617 $\pm$ 0.037 χ^2 /NDF: 726051860

139870.274 $\pm$ 0.052 χ^2 /NDF: 193623112.1/26

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.884+/-0.048 χ^2/NDF : 1066270.8/16

Left Out: 209.675+/-0.059 χ^2/NDF : 158463.8/8

Right Out: 156.859+/-0.044 χ^2/NDF : 1250656.2/19

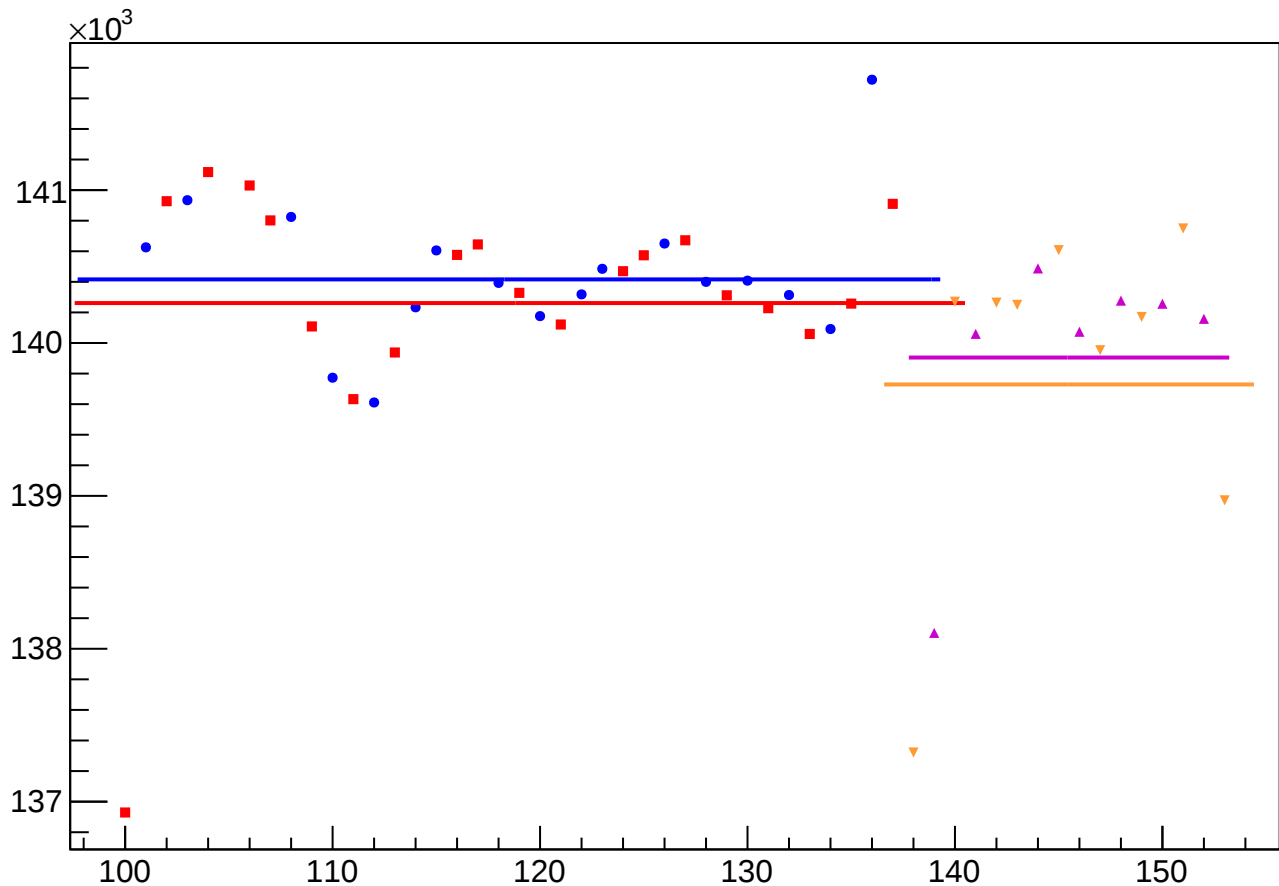
Left In: 212.208+/-0.064 χ^2/NDF : 194680.1/6

182.772+/-0.037 χ^2/NDF : 1573559.7/25

178.678+/-0.026 χ^2/NDF : 3546008.8/52

174.728+/-0.036 χ^2/NDF : 1948578.6/26

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 14046.064 $\pm$ 0.068 χ^2/NDF : 69975821.3/16

Left Out: 139728.829 $\pm$ 0.077 χ^2/NDF : 208851645.9/8

Right Out: 140261.267 $\pm$ 0.063 χ^2/NDF : 38479140.4/19

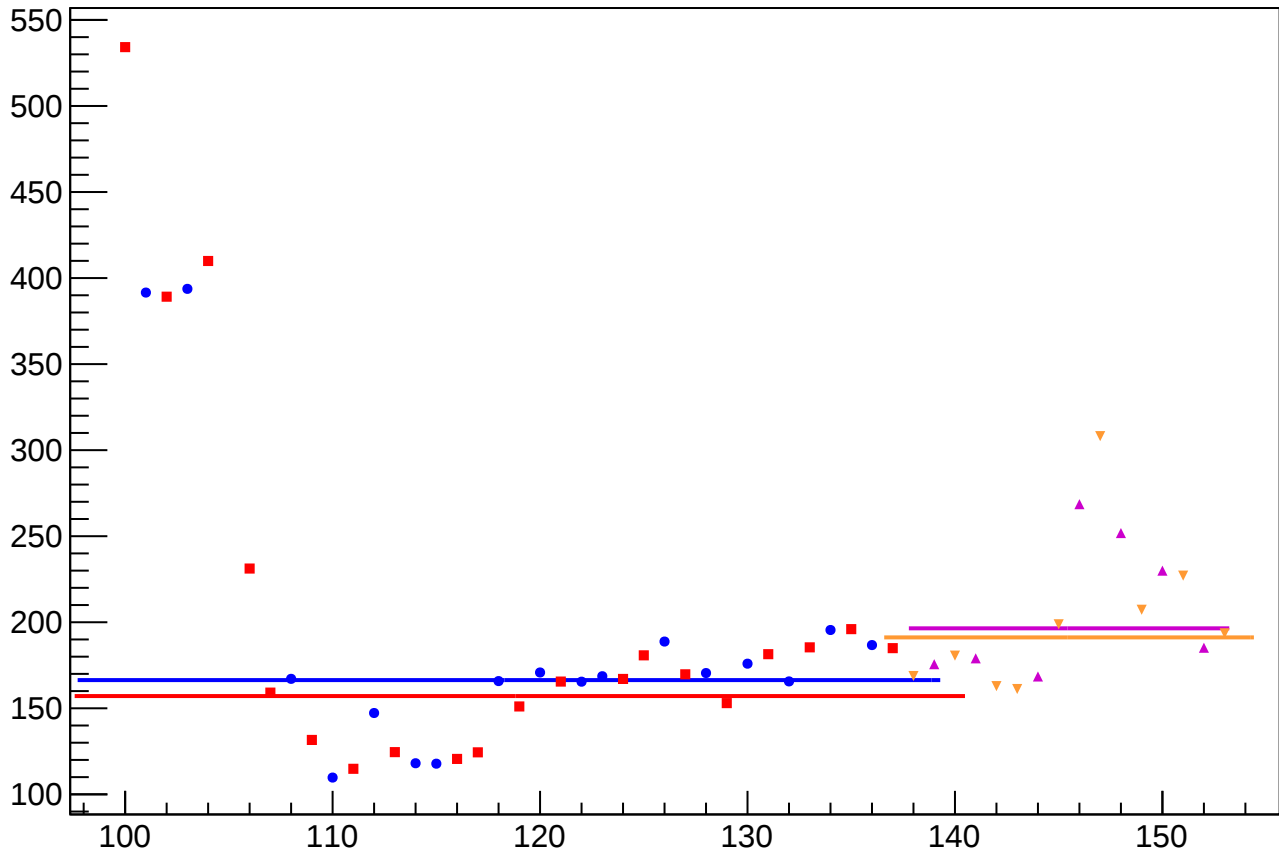
Left In: 139904.832 $\pm$ 0.084 χ^2/NDF : 87171262.5/6

140111.085 $\pm$ 0.051 χ^2/NDF : 323633753.5/25

140122.847 $\pm$ 0.036 χ^2/NDF : 460864175

140134.323 $\pm$ 0.050 χ^2/NDF : 137125381.1/26

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388+/-0.048 χ^2/NDF : 1080964.8/16

Left Out: 191.198+/-0.054 χ^2/NDF : 375043.1/8

Right Out: 157.110+/-0.044 χ^2/NDF : 1235934.7/19

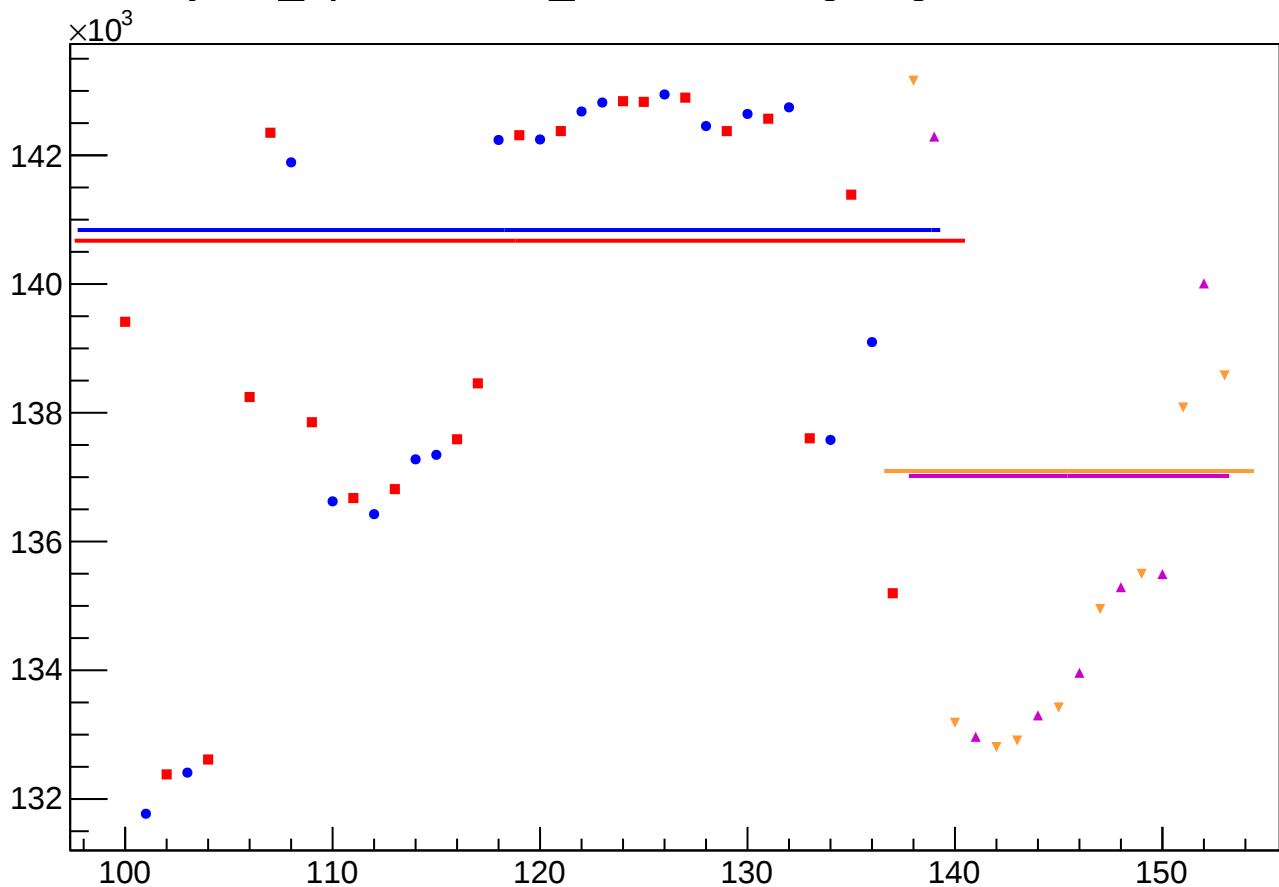
Left In: 196.466+/-0.060 χ^2/NDF : 311779.2/6

177.398+/-0.036 χ^2/NDF : 1572799.8/25

174.224+/-0.025 χ^2/NDF : 3415601.4/52

171.127+/-0.036 χ^2/NDF : 1827502.5/26

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

Left Out: 137094.826 $\pm$ 0.122 χ^2 /NDF: 1087550601.5/8

Right Out: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

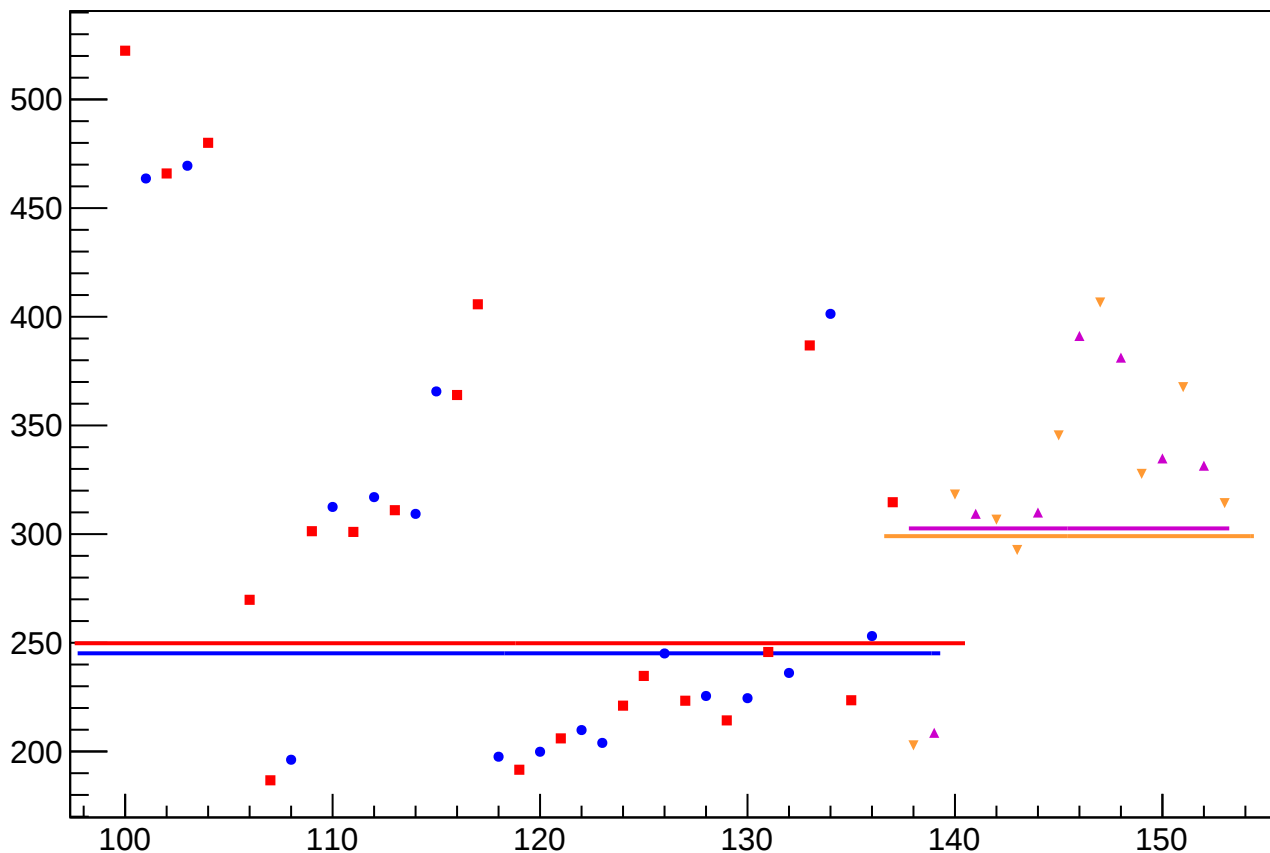
Left In: 137018.240 $\pm$ 0.132 χ^2 /NDF: 820059874.1/6

139327.263 $\pm$ 0.077 χ^2 /NDF: 2476191335.8/25

139343.980 $\pm$ 0.055 χ^2 /NDF: 462752753

139361.588 $\pm$ 0.079 χ^2 /NDF: 2151239975.7/26

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 245.159 ± 0.071 χ^2/NDF : 869491.6/16

Left Out: 299.068 ± 0.086 χ^2/NDF : 526514.7/8

Right Out: 249.792 ± 0.070 χ^2/NDF : 1022316.0/19

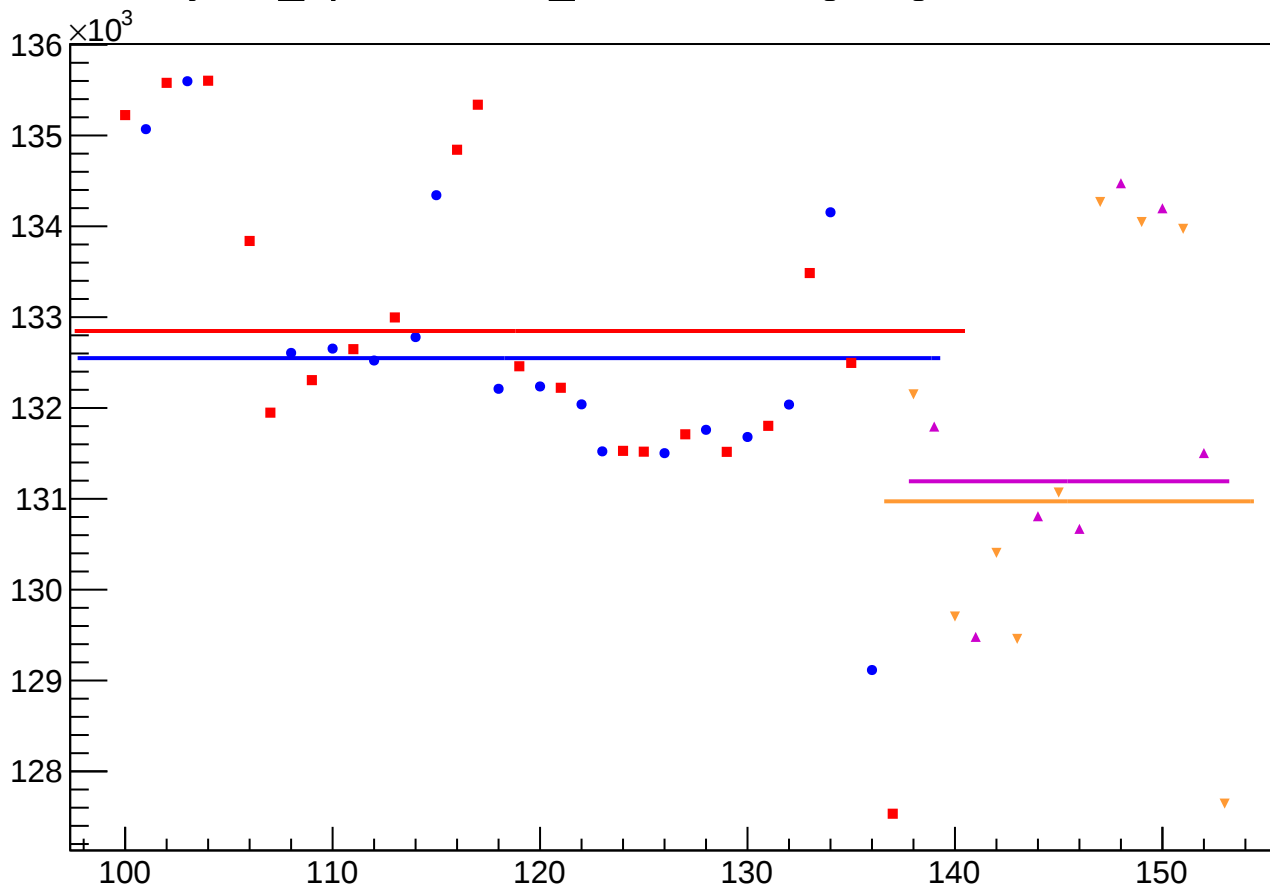
Left In: 302.624 ± 0.094 χ^2/NDF : 438131.7/6

266.926 ± 0.055 χ^2/NDF : 1630639.6/25

267.814 ± 0.039 χ^2/NDF : 3296098.8/52

268.748 ± 0.056 χ^2/NDF : 1664916.8/26

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

Left Out: 130972.503 $\pm$ 0.091 χ^2 /NDF: 387517343.3/8

Right Out: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

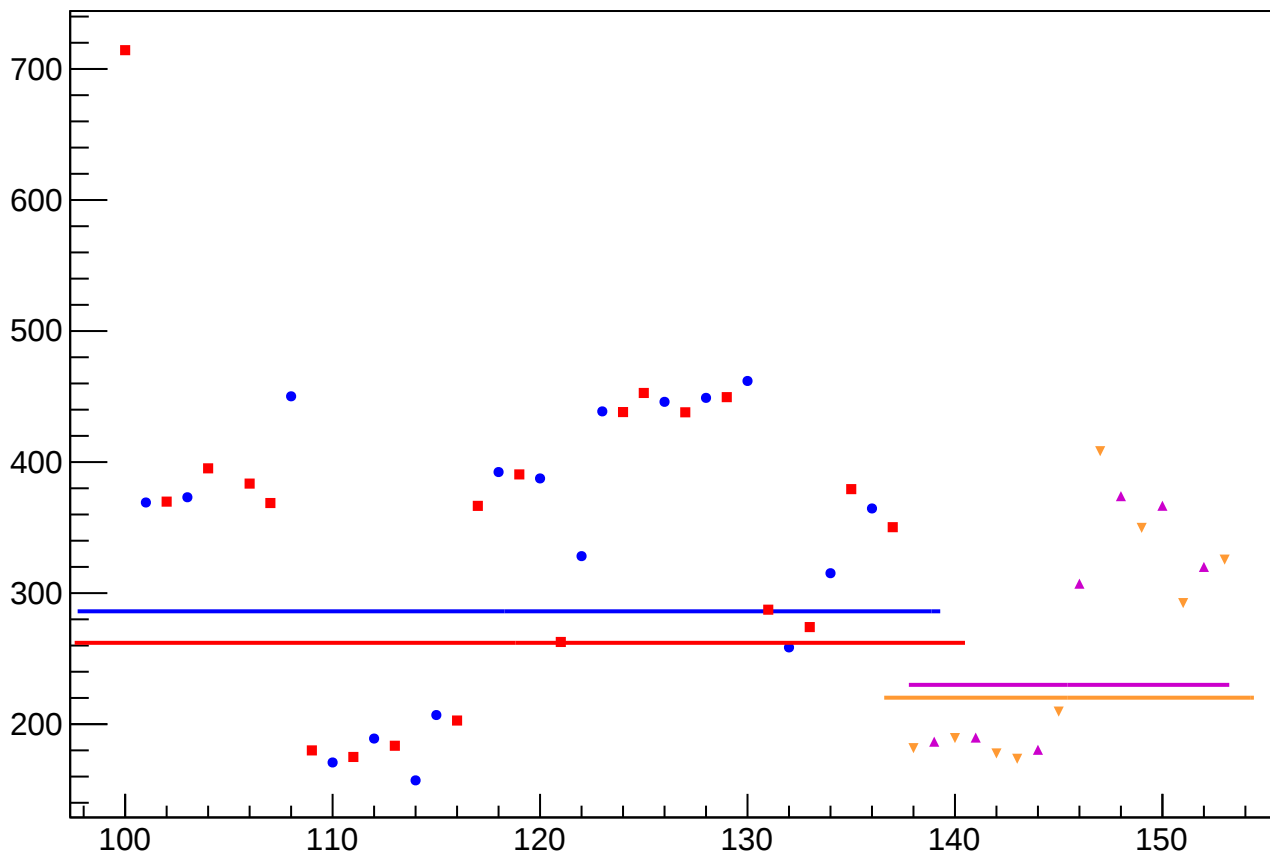
Left In: 131193.046 $\pm$ 0.103 χ^2 /NDF: 198722011.4/6

131555.662 $\pm$ 0.073 χ^2 /NDF: 658510346.4/25

131766.738 $\pm$ 0.052 χ^2 /NDF: 115079260

131986.085 $\pm$ 0.074 χ^2 /NDF: 475047333.6/26

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 286.122 $\pm$ 0.084 χ^2 /NDF: 1525266.4/16

Left Out: 220.201 $\pm$ 0.065 χ^2 /NDF: 1050470.4/8

Right Out: 262.073 $\pm$ 0.076 χ^2 /NDF: 1630239.5/19

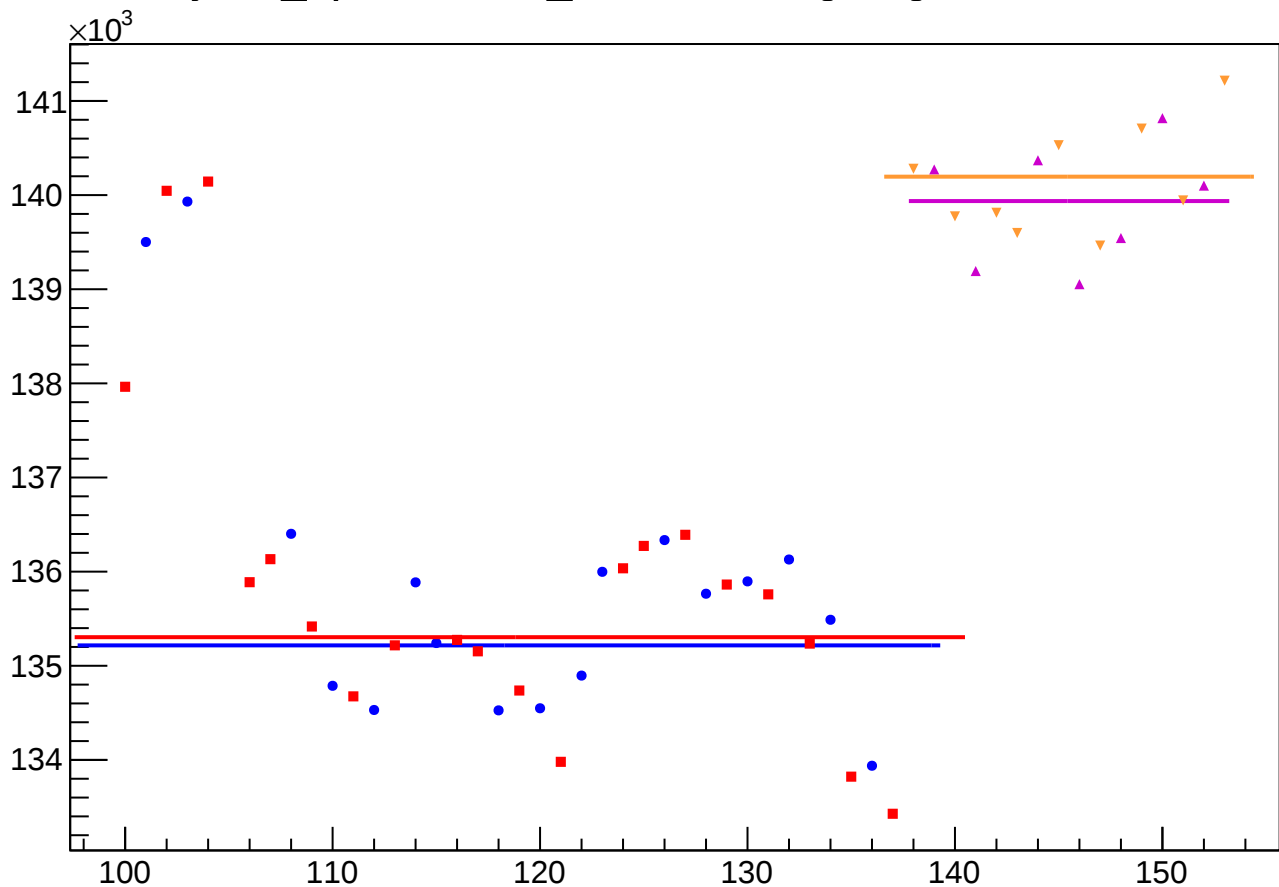
Left In: 229.992 $\pm$ 0.073 χ^2 /NDF: 967258.4/6

244.588 $\pm$ 0.051 χ^2 /NDF: 2960031.8/25

244.971 $\pm$ 0.037 χ^2 /NDF: 5651420.3/52

245.369 $\pm$ 0.052 χ^2 /NDF: 2691274.8/26

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

Left Out: 140195.828 $\pm$ 0.073 χ^2 /NDF: 59981252.0/8

Right Out: 135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

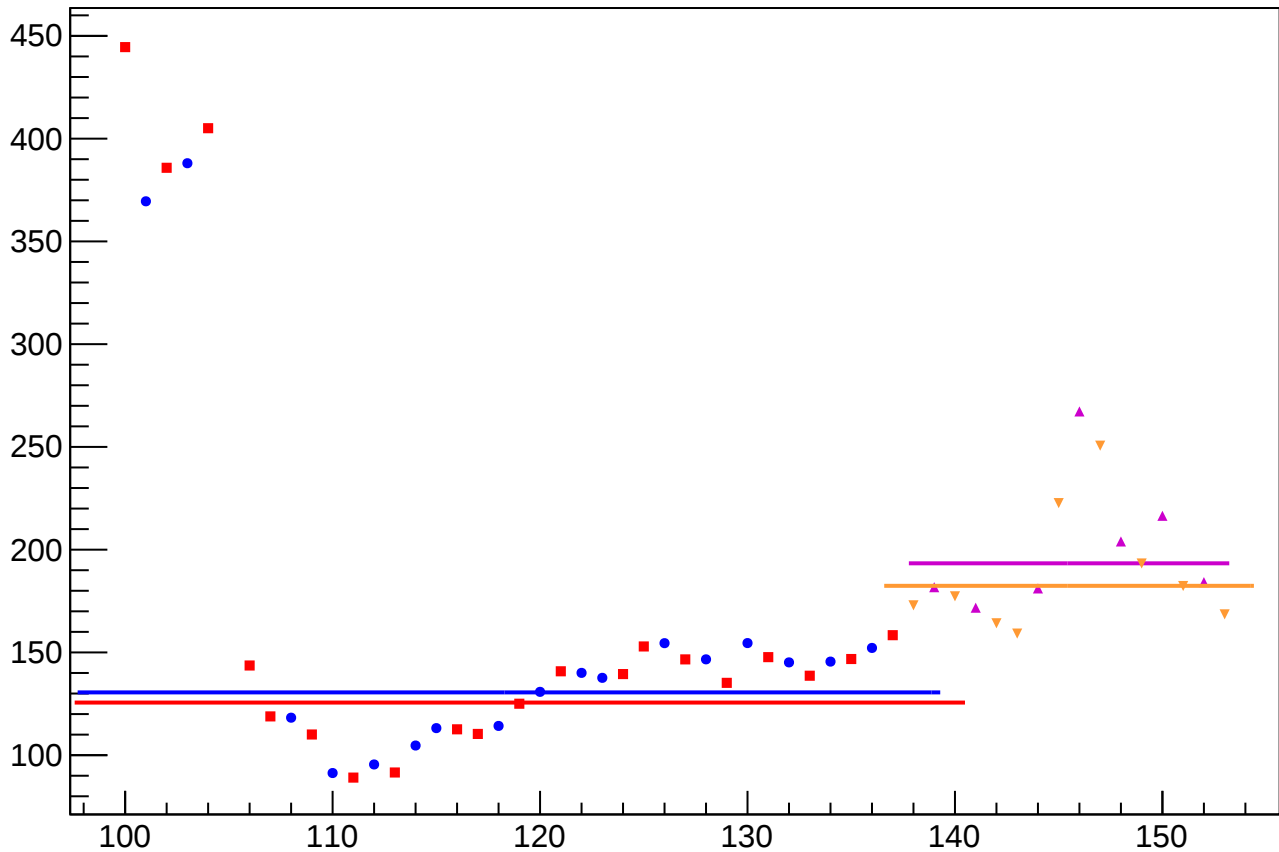
Left In: 139936.620 $\pm$ 0.083 χ^2 /NDF: 48277370.1/6

136995.640 $\pm$ 0.044 χ^2 /NDF: 3429497335.6/25

136781.500 $\pm$ 0.031 χ^2 /NDF: 614586639

136569.094 $\pm$ 0.043 χ^2 /NDF: 2668267924.4/26

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.552 +/- 0.038 χ^2/NDF : 1373104.9/16

Left Out: 182.409 +/- 0.052 χ^2/NDF : 216774.0/8

Right Out: 125.603 +/- 0.036 χ^2/NDF : 1441677.4/19

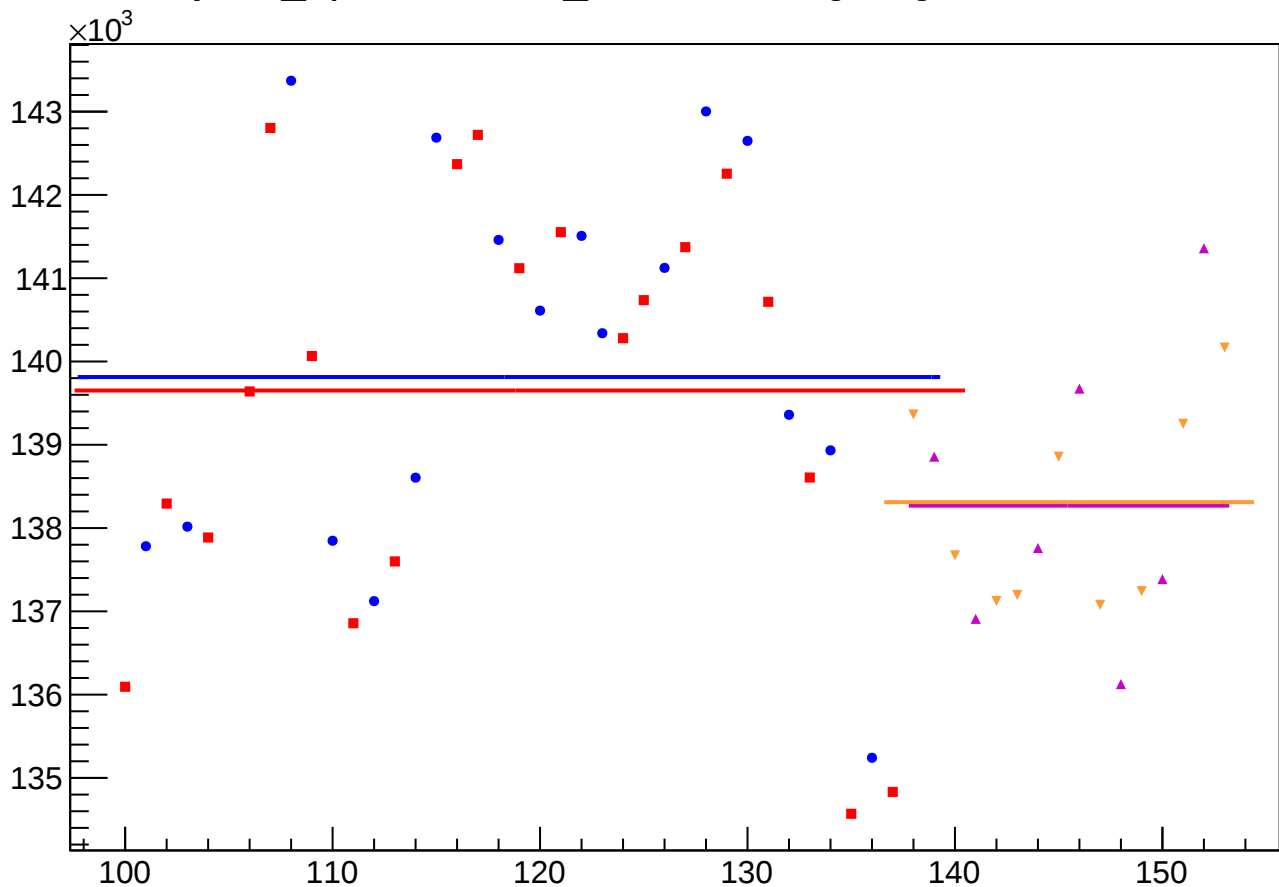
Left In: 193.359 +/- 0.059 χ^2/NDF : 180168.0/6

149.080 +/- 0.031 χ^2/NDF : 2240275.6/25

146.584 +/- 0.022 χ^2/NDF : 4842927.1/52

144.109 +/- 0.031 χ^2/NDF : 2589587.0/26

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

Left Out: 138311.307 $\pm$ 0.074 χ^2 /NDF: 235249892.9/8

Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

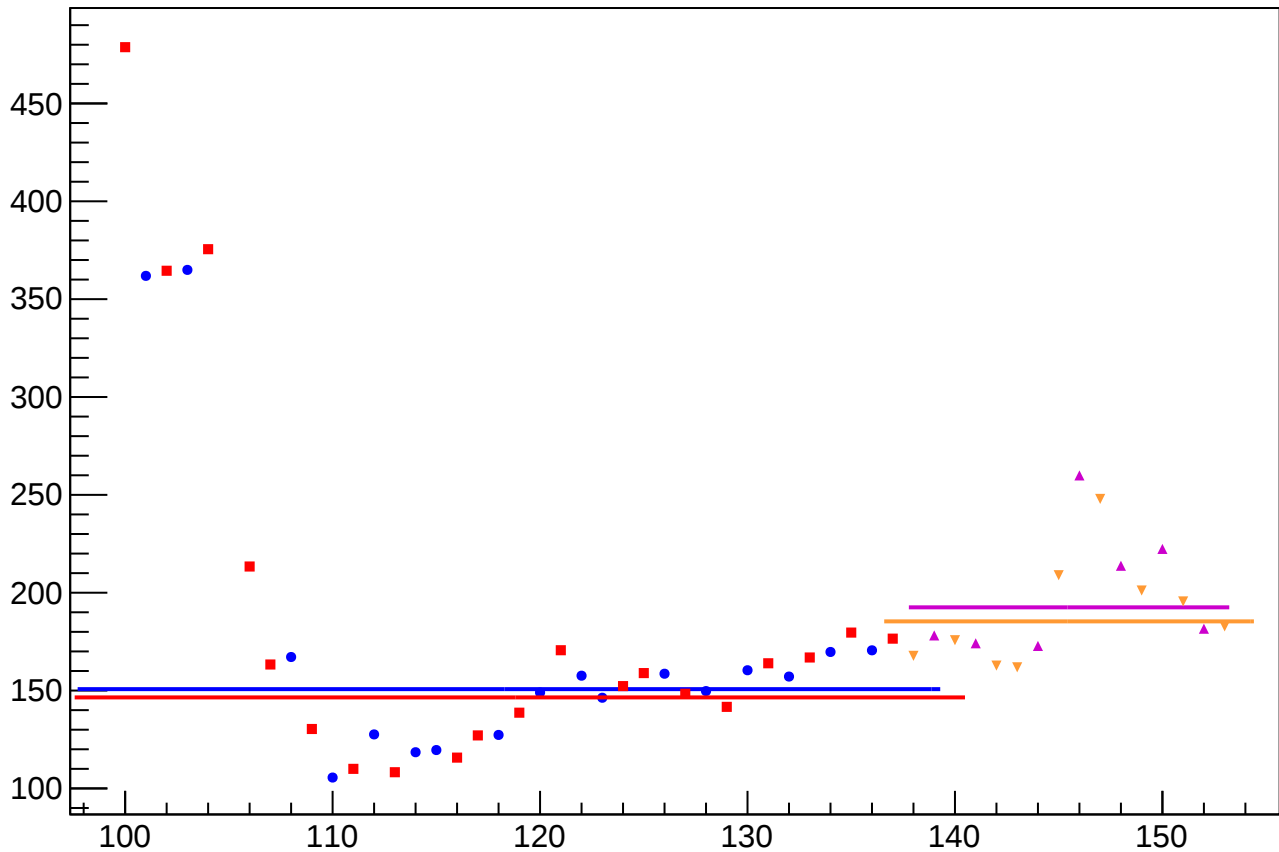
Left In: 138269.631 $\pm$ 0.083 χ^2 /NDF: 408158490.3/6

139196.545 $\pm$ 0.048 χ^2 /NDF: 2166910233.9/25

139192.550 $\pm$ 0.034 χ^2 /NDF: 429165605

139188.494 $\pm$ 0.048 χ^2 /NDF: 2124731591.8/26

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

Left Out: 185.355+/-0.052 χ^2/NDF : 193588.8/8

Right Out: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

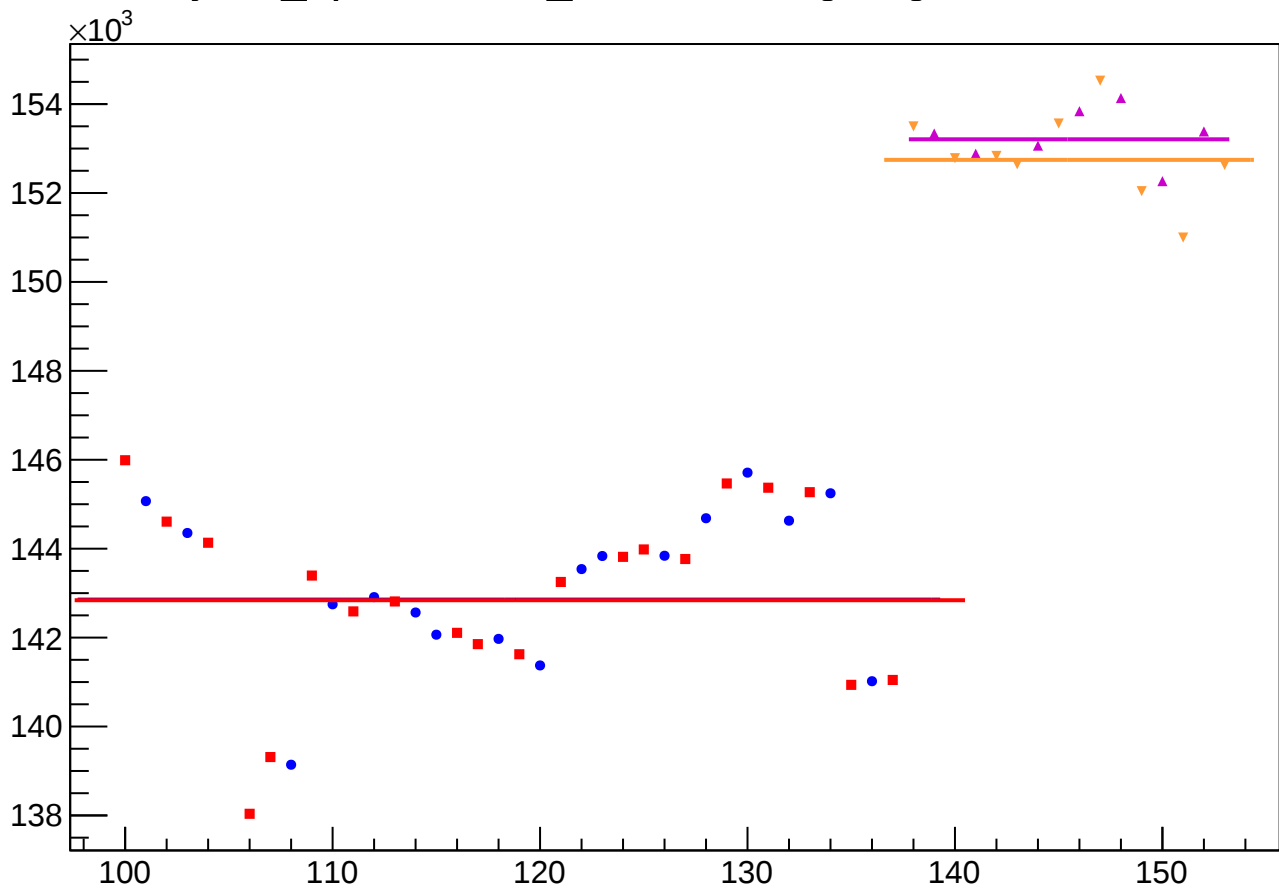
Left In: 192.527+/-0.059 χ^2/NDF : 203334.8/6

164.955+/-0.034 χ^2/NDF : 1500487.8/25

163.455+/-0.024 χ^2/NDF : 3324377.6/52

161.933+/-0.034 χ^2/NDF : 1819878.6/26

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

Left Out: 152745.673 $\pm$ 0.074 χ^2 /NDF: 137598034.9/8

Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

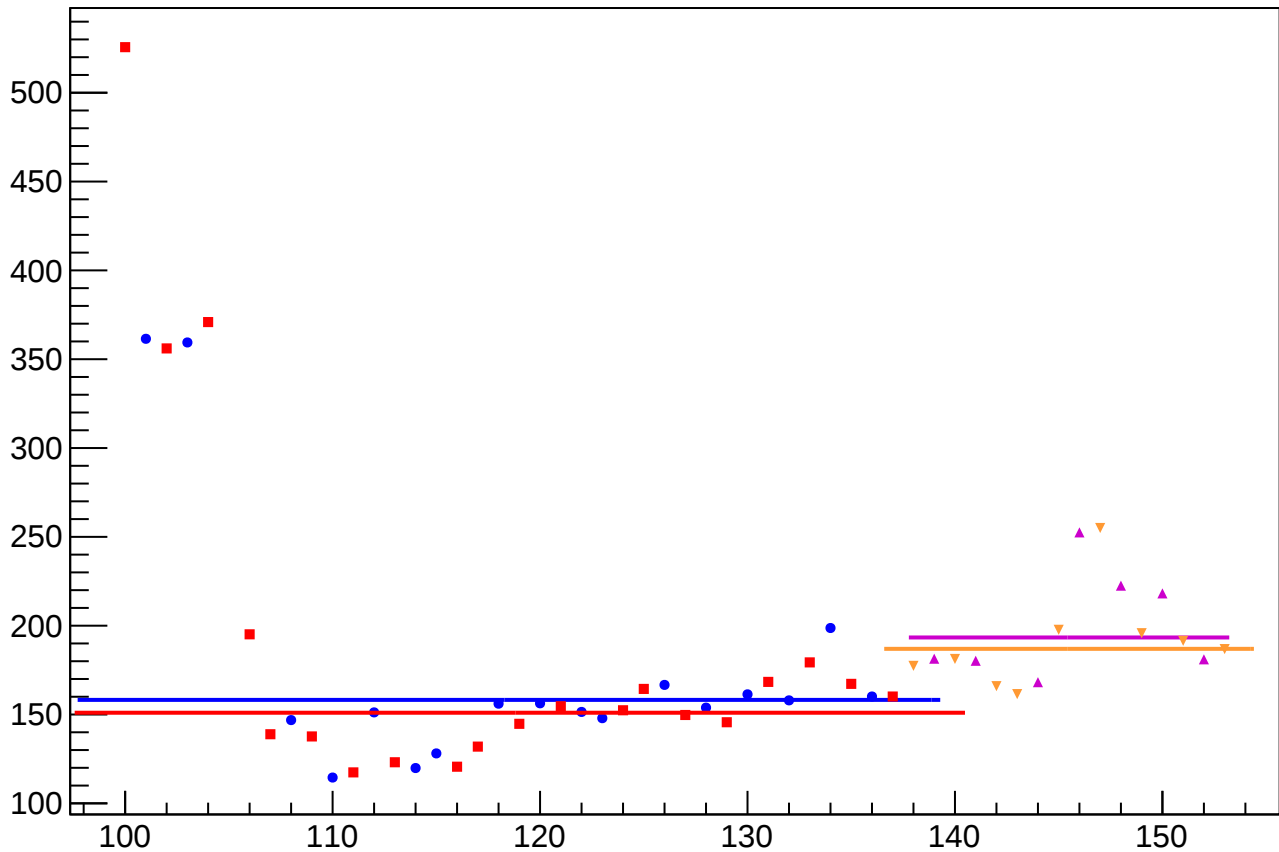
Left In: 153208.024 $\pm$ 0.083 χ^2 /NDF: 38791423.2/6

147107.943 $\pm$ 0.049 χ^2 /NDF: 10940734714.4/2

146766.009 $\pm$ 0.034 χ^2 /NDF: 222139583

146426.720 $\pm$ 0.049 χ^2 /NDF: 11175482021.4/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 158.233+/-0.046 χ^2/NDF : 883513.4/16

Left Out: 186.968+/-0.053 χ^2/NDF : 169795.9/8

Right Out: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

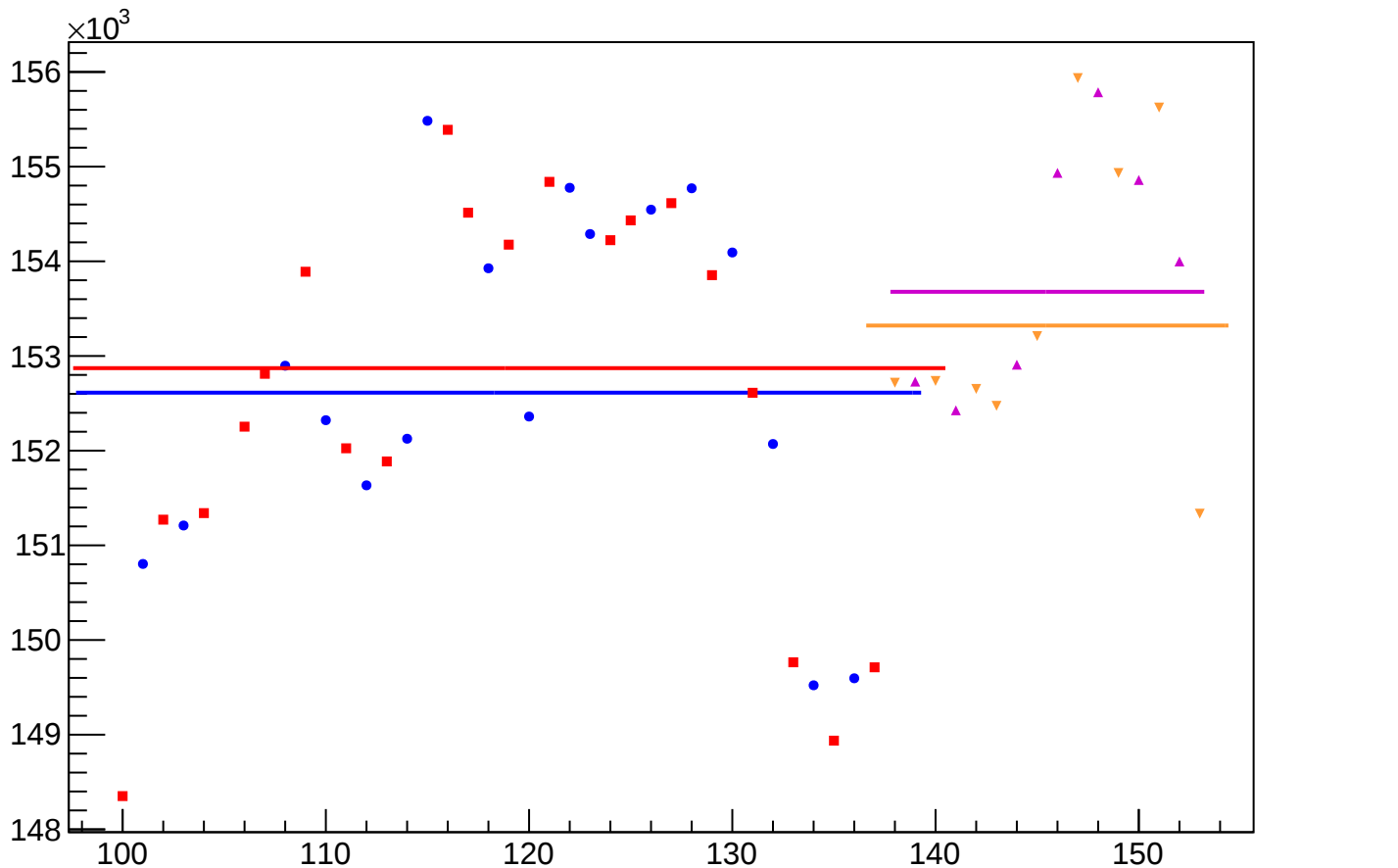
Left In: 193.367+/-0.058 χ^2/NDF : 194564.0/6

170.590+/-0.035 χ^2/NDF : 1223157.2/25

168.114+/-0.024 χ^2/NDF : 2776515.4/52

165.657+/-0.034 χ^2/NDF : 1543109.4/26

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152612.586 $\pm$ 0.072 χ^2 /NDF: 621416187.4/16

Left Out: 153321.520 $\pm$ 0.075 χ^2 /NDF: 360716345.9/8

Right Out: 152871.618 $\pm$ 0.066 χ^2 /NDF: 720639345.6/19

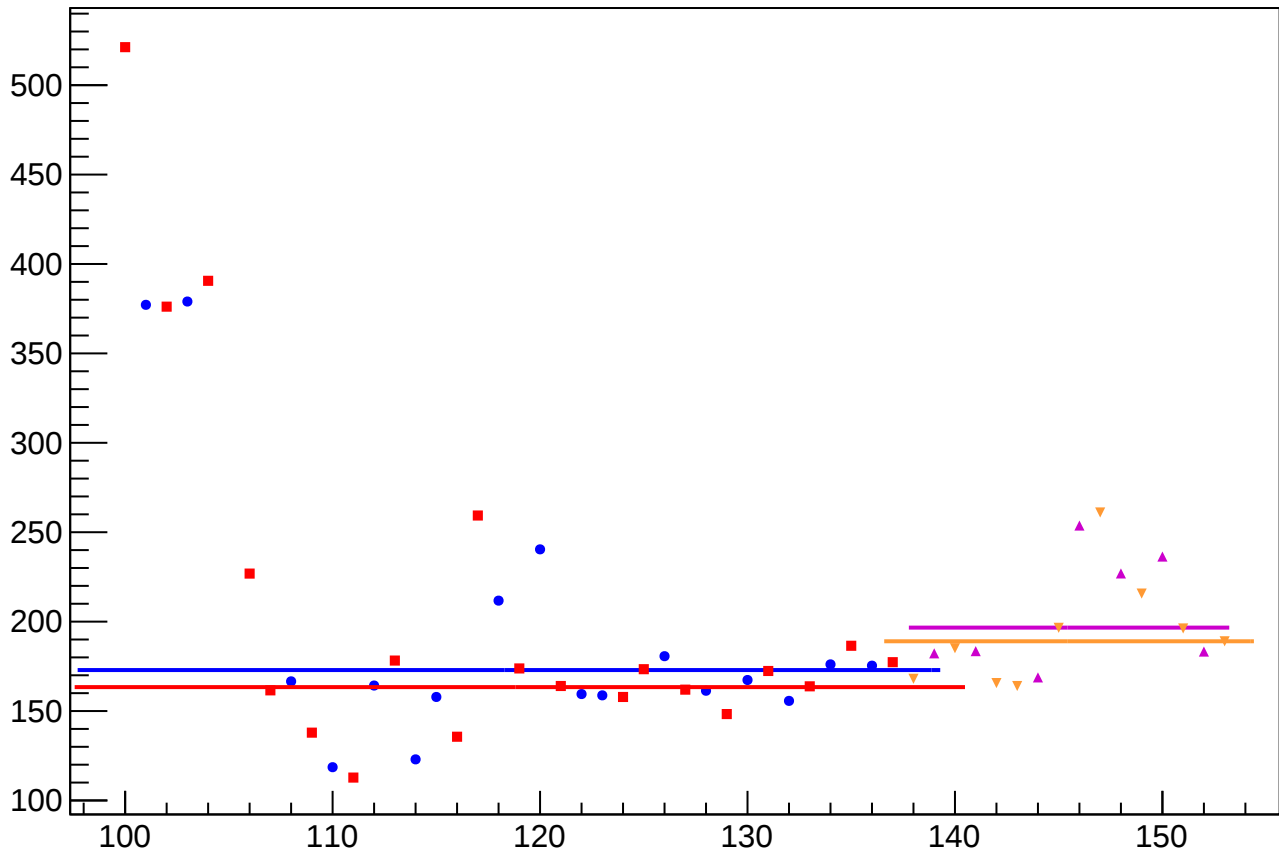
Left In: 153677.943 $\pm$ 0.084 χ^2 /NDF: 185396514.7/6

152953.189 $\pm$ 0.052 χ^2 /NDF: 1028497944.7/25

153066.615 $\pm$ 0.037 χ^2 /NDF: 200086634

153179.865 $\pm$ 0.052 χ^2 /NDF: 962866130.0/26

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

Left Out: 189.015+/-0.053 χ^2/NDF : 216777.3/8

Right Out: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

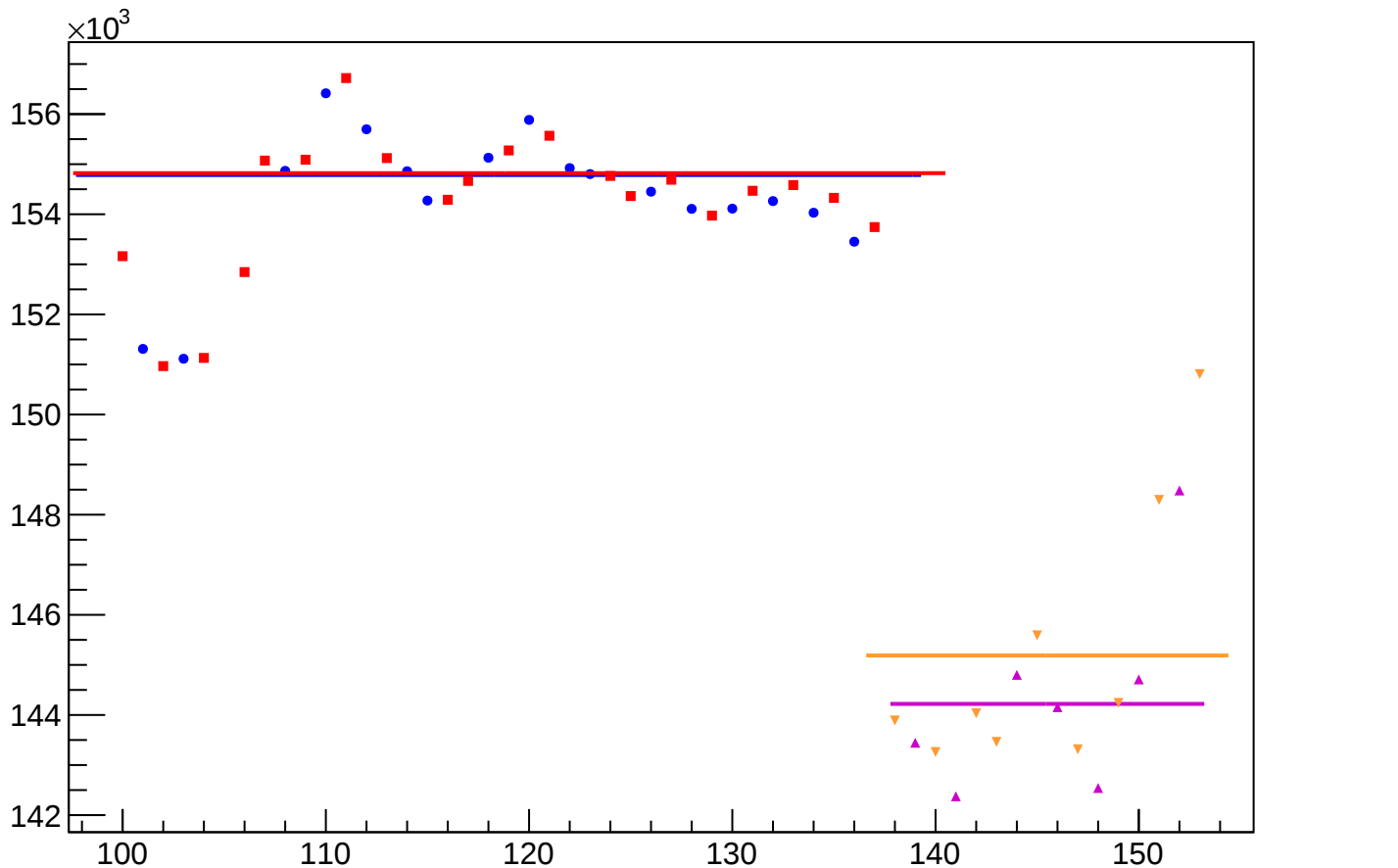
Left In: 196.655+/-0.059 χ^2/NDF : 227483.0/6

180.653+/-0.037 χ^2/NDF : 1206519.7/25

178.376+/-0.026 χ^2/NDF : 2679645.6/52

176.102+/-0.037 χ^2/NDF : 1465464.4/26

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154783.944 $\pm$ 0.065 χ^2/NDF : 265581398.0/16

Left Out: 145187.973 $\pm$ 0.068 χ^2/NDF : 1388801091.1/8

Right Out: 154820.824 $\pm$ 0.061 χ^2/NDF : 293904936.4/19

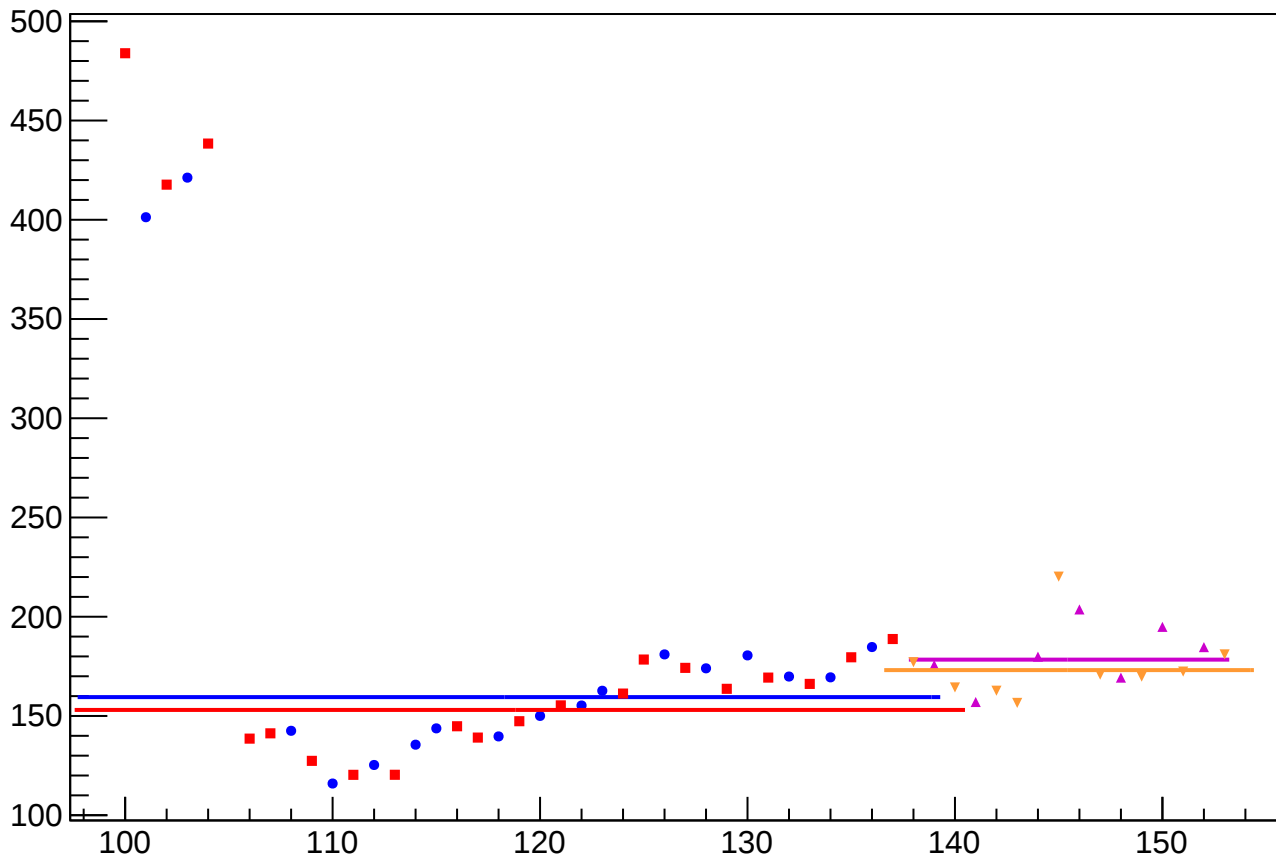
Left In: 144221.170 $\pm$ 0.075 χ^2/NDF : 656817218.7/6

150189.921 $\pm$ 0.047 χ^2/NDF : 11971354431.0/2

150425.798 $\pm$ 0.033 χ^2/NDF : 249602798

150662.416 $\pm$ 0.047 χ^2/NDF : 12938887178.6/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 159.504 +/- 0.046 χ^2/NDF : 1131844.5/16

Left Out: 173.106 +/- 0.048 χ^2/NDF : 97089.2/8

Right Out: 153.038 +/- 0.043 χ^2/NDF : 1174616.4/19

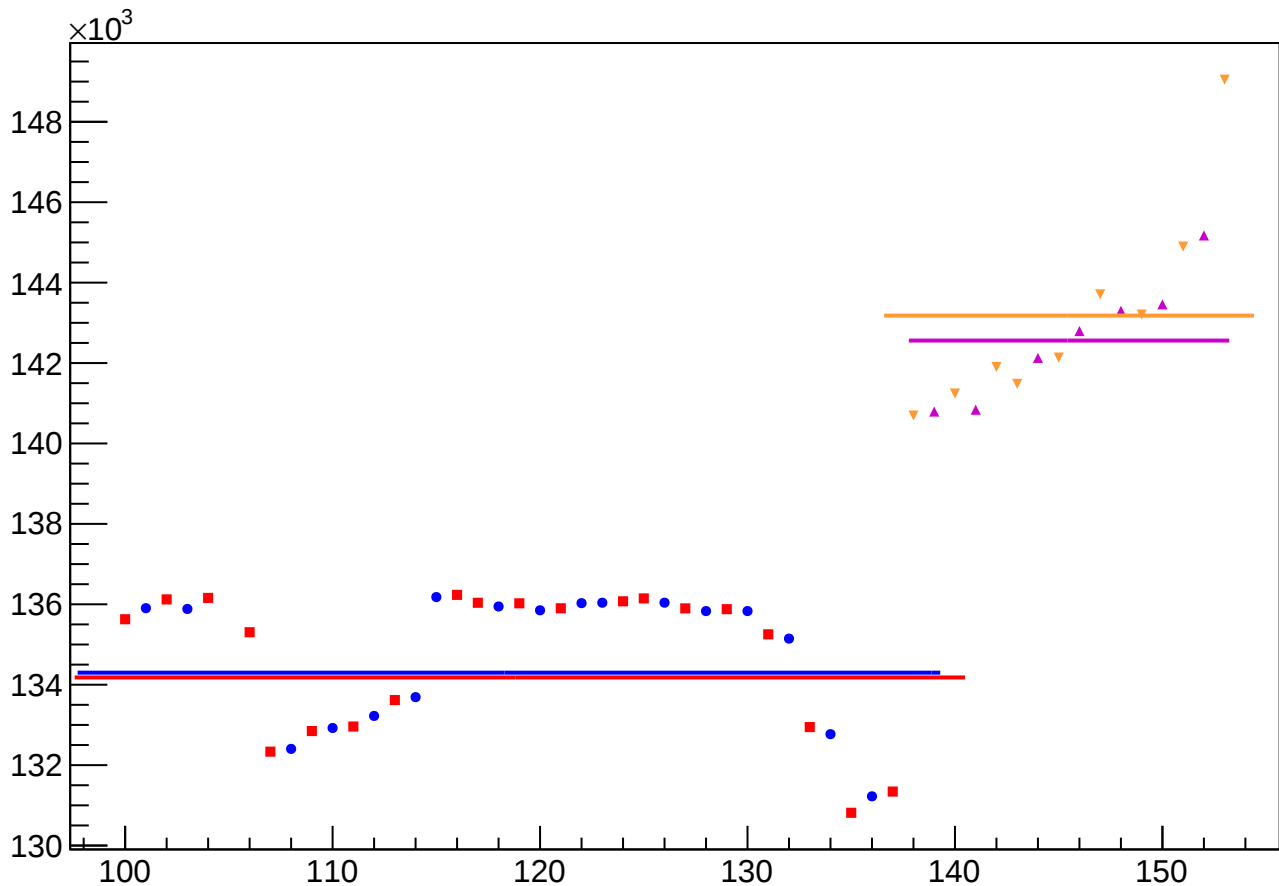
Left In: 178.384 +/- 0.053 χ^2/NDF : 74403.3/6

166.016 +/- 0.033 χ^2/NDF : 1270396.0/25

164.501 +/- 0.024 χ^2/NDF : 2660641.6/52

162.982 +/- 0.033 χ^2/NDF : 1386118.2/26

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134300.025 $\pm$ 0.050 χ^2 /NDF: 1149581803.2/16

Left Out: 143180.585 $\pm$ 0.067 χ^2 /NDF: 1330555892.4/8

Right Out: 134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

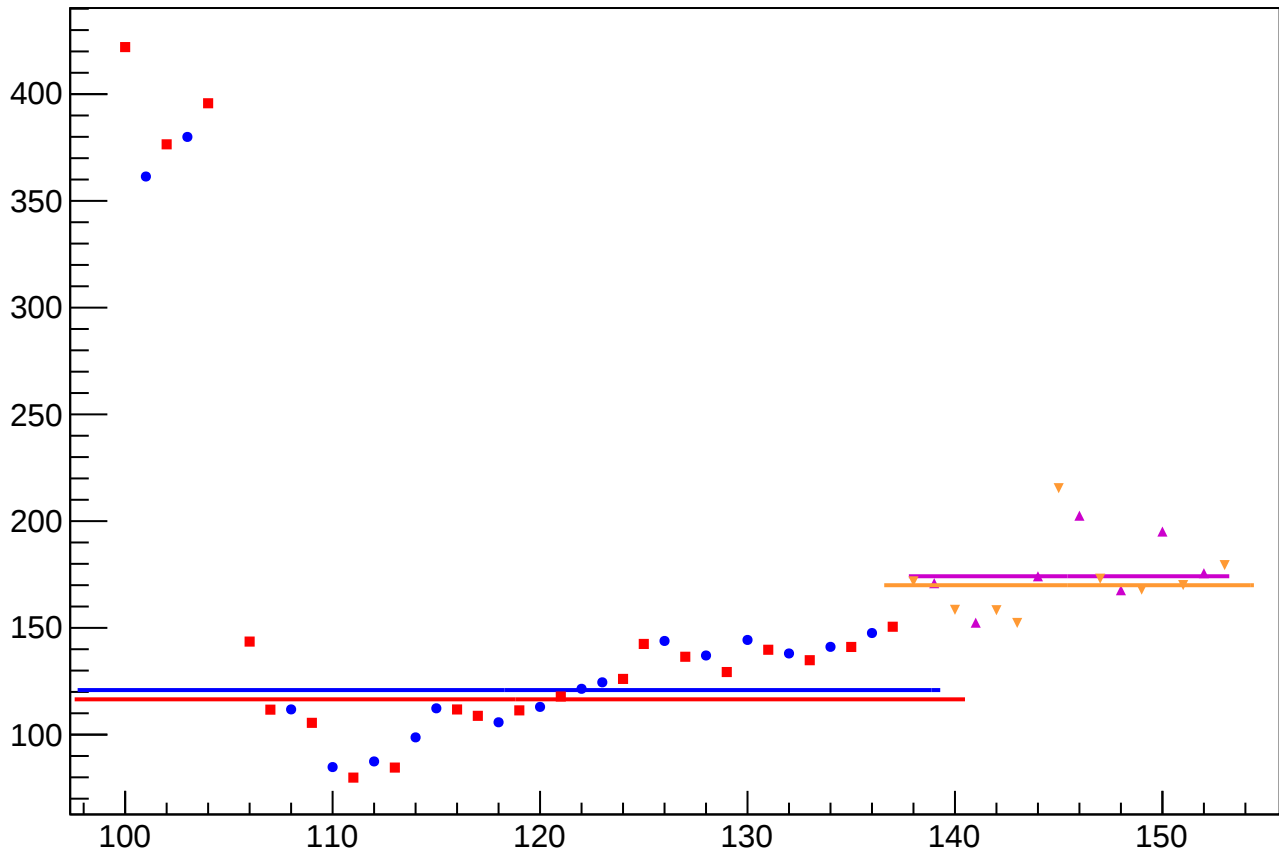
Left In: 142559.588 $\pm$ 0.074 χ^2 /NDF: 399380305.4/6

137500.557 $\pm$ 0.040 χ^2 /NDF: 13695109453.5/2

137050.200 $\pm$ 0.028 χ^2 /NDF: 247045378

136610.745 $\pm$ 0.040 χ^2 /NDF: 10762210542.5/2

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 120.872 +/- 0.036 χ^2/NDF : 1463728.4/16

Left Out: 169.983 +/- 0.047 χ^2/NDF : 103673.3/8

Right Out: 116.531 +/- 0.033 χ^2/NDF : 1541779.4/19

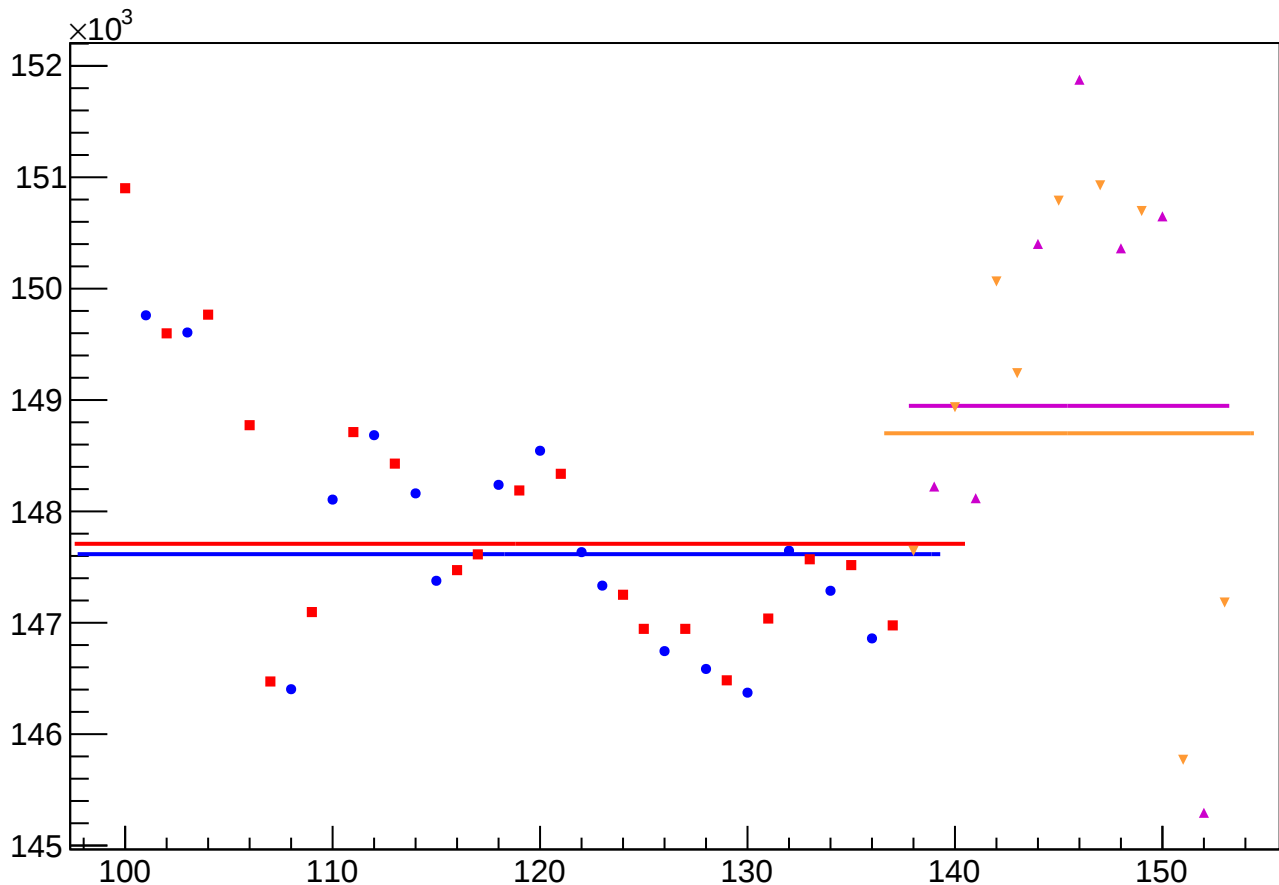
Left In: 174.184 +/- 0.052 χ^2/NDF : 87289.1/6

138.572 +/- 0.028 χ^2/NDF : 2253355.2/25

135.879 +/- 0.020 χ^2/NDF : 4765467.4/52

133.251 +/- 0.028 χ^2/NDF : 2494430.7/26

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147616.150 $\pm$ 0.062 χ^2 /NDF: 199263428.7/16

Left Out: 148701.458 $\pm$ 0.079 χ^2 /NDF: 480589121.8/8

Right Out: 147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

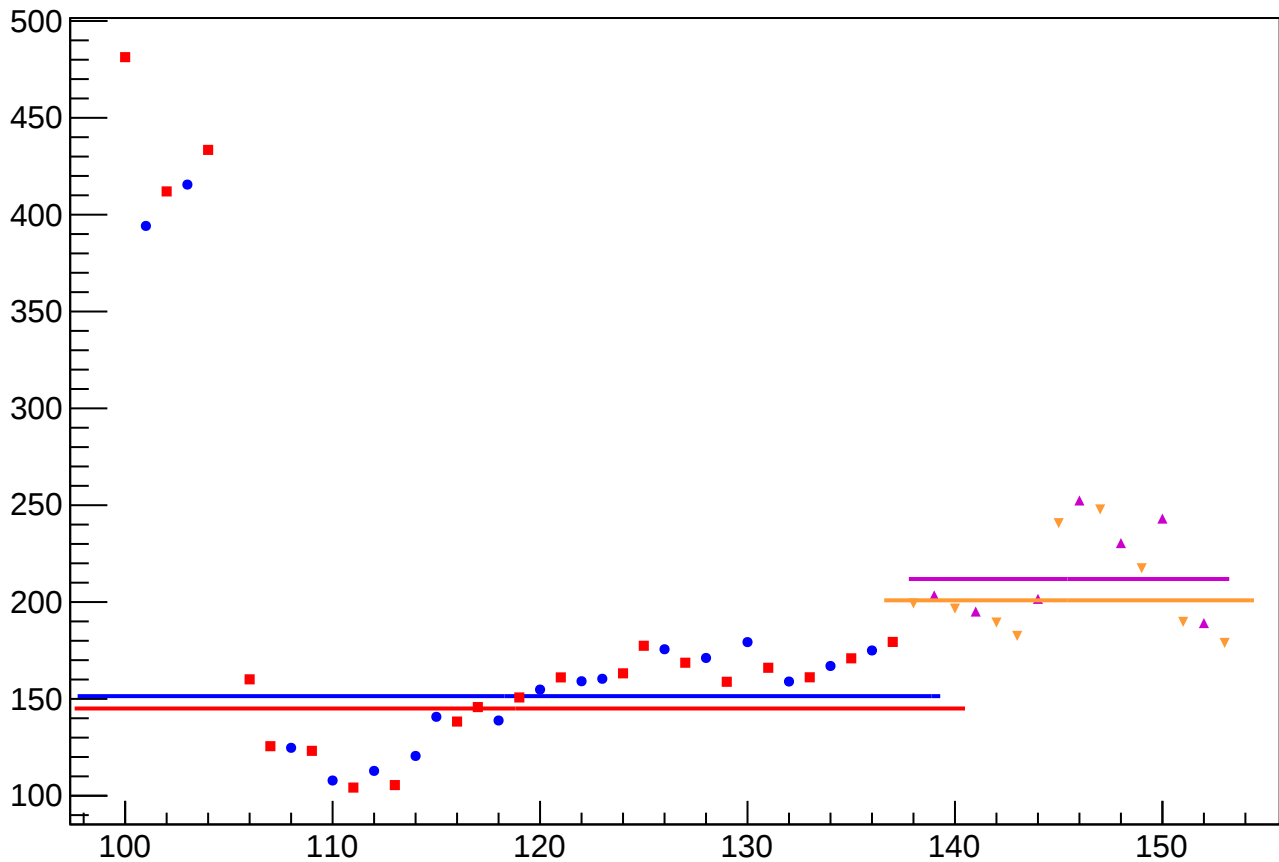
Left In: 148947.806 $\pm$ 0.090 χ^2 /NDF: 548539850.3/6

148031.235 $\pm$ 0.049 χ^2 /NDF: 795240195.7/25

148053.019 $\pm$ 0.035 χ^2 /NDF: 168204223

148074.546 $\pm$ 0.049 χ^2 /NDF: 886410722.9/26

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 151.424 +/- 0.044 χ^2/NDF : 1257843.0/16

Left Out: 200.889 +/- 0.056 χ^2/NDF : 153461.9/8

Right Out: 145.044 +/- 0.041 χ^2/NDF : 1375974.1/19

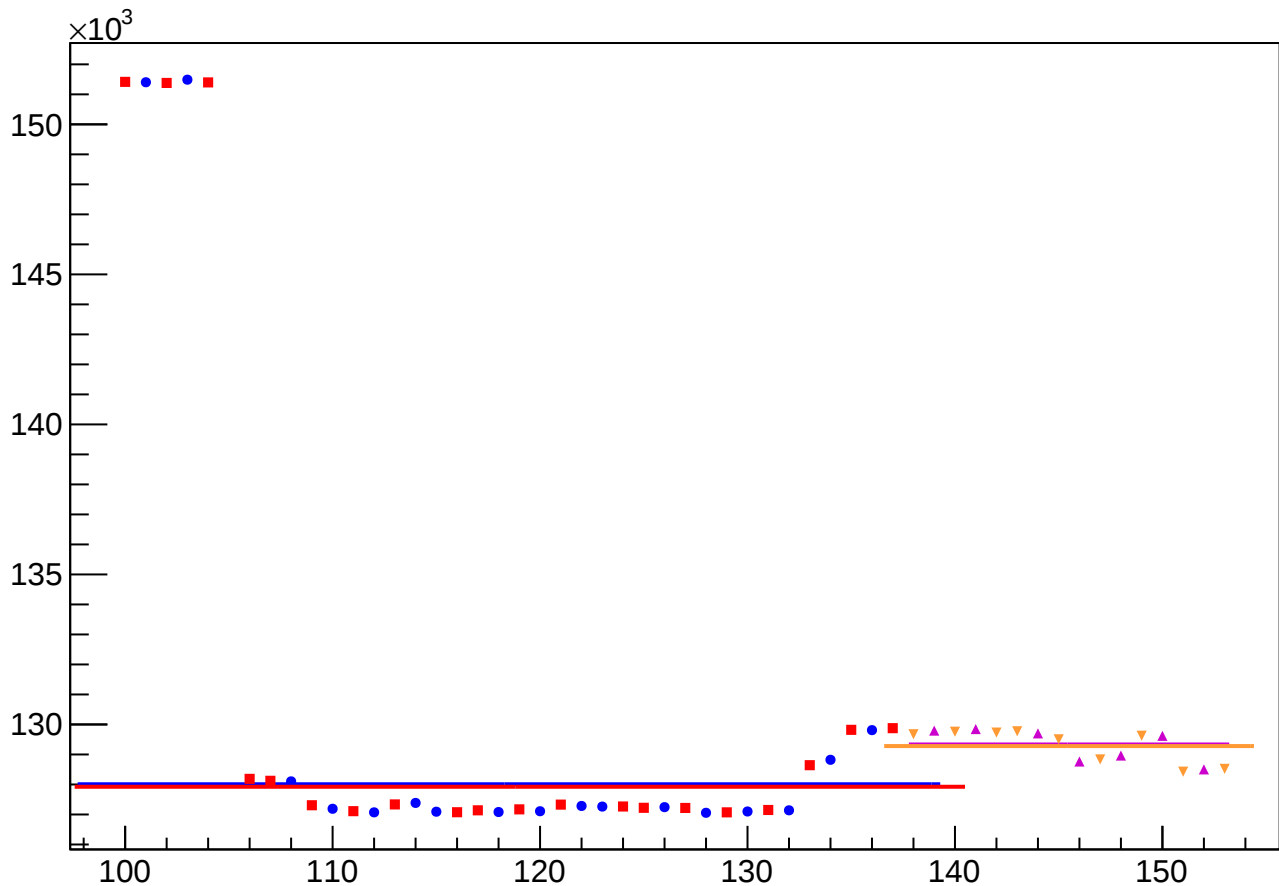
Left In: 211.898 +/- 0.064 χ^2/NDF : 122014.8/6

170.342 +/- 0.035 χ^2/NDF : 1890680.1/25

167.538 +/- 0.024 χ^2/NDF : 4181961.0/52

164.768 +/- 0.035 χ^2/NDF : 2278315.4/26

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128007.364 ± 0.054 $\chi^2/\text{NDF}: 4319785674.5/16$

Left Out: 129280.006 ± 0.066 $\chi^2/\text{NDF}: 66734427.7/8$

Right Out: 127923.940 ± 0.050 $\chi^2/\text{NDF}: 3770107280.1/19$

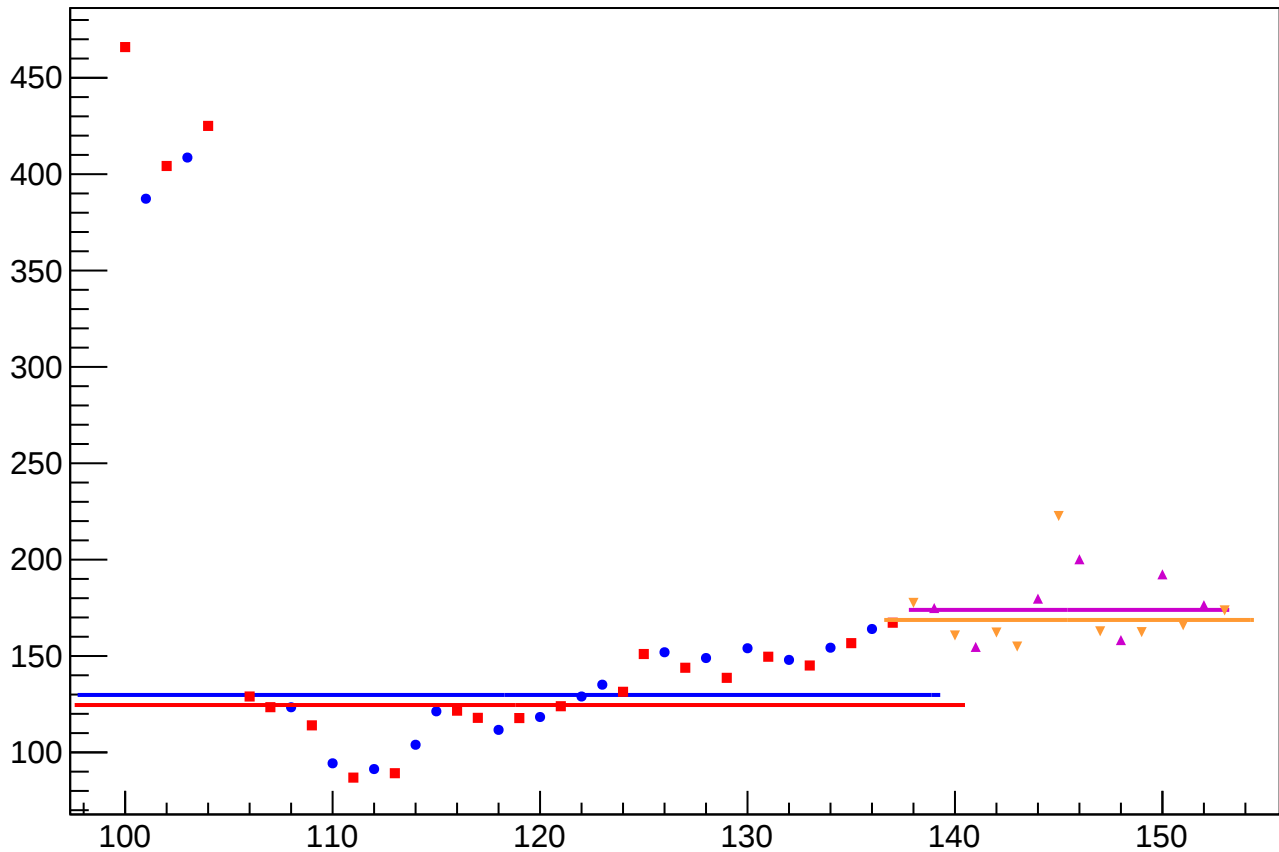
Left In: 129332.710 ± 0.074 $\chi^2/\text{NDF}: 48149727.0/6$

128514.749 ± 0.042 $\chi^2/\text{NDF}: 4606949531.2/25$

128441.795 ± 0.029 $\chi^2/\text{NDF}: 868101311$

128370.558 ± 0.041 $\chi^2/\text{NDF}: 4068091677.1/26$

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796 $\pm$ 0.038 χ^2/NDF : 1485294.2/16

Left Out: 168.709 $\pm$ 0.047 χ^2/NDF : 115241.7/8

Right Out: 124.572 $\pm$ 0.035 χ^2/NDF : 1532105.0/19

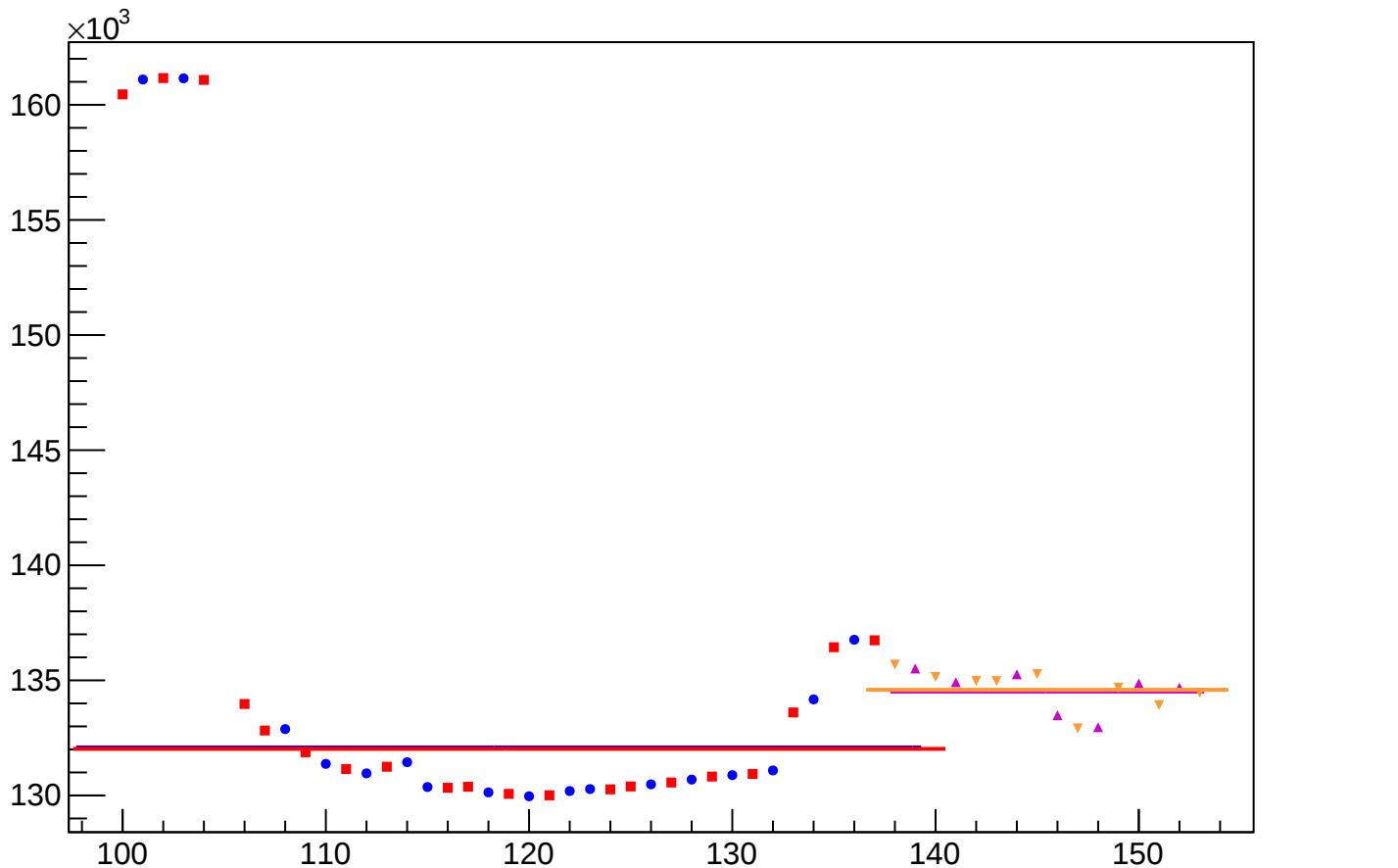
Left In: 173.930 $\pm$ 0.052 χ^2/NDF : 86354.6/6

145.310 $\pm$ 0.030 χ^2/NDF : 2012694.9/25

142.735 $\pm$ 0.021 χ^2/NDF : 4259411.2/52

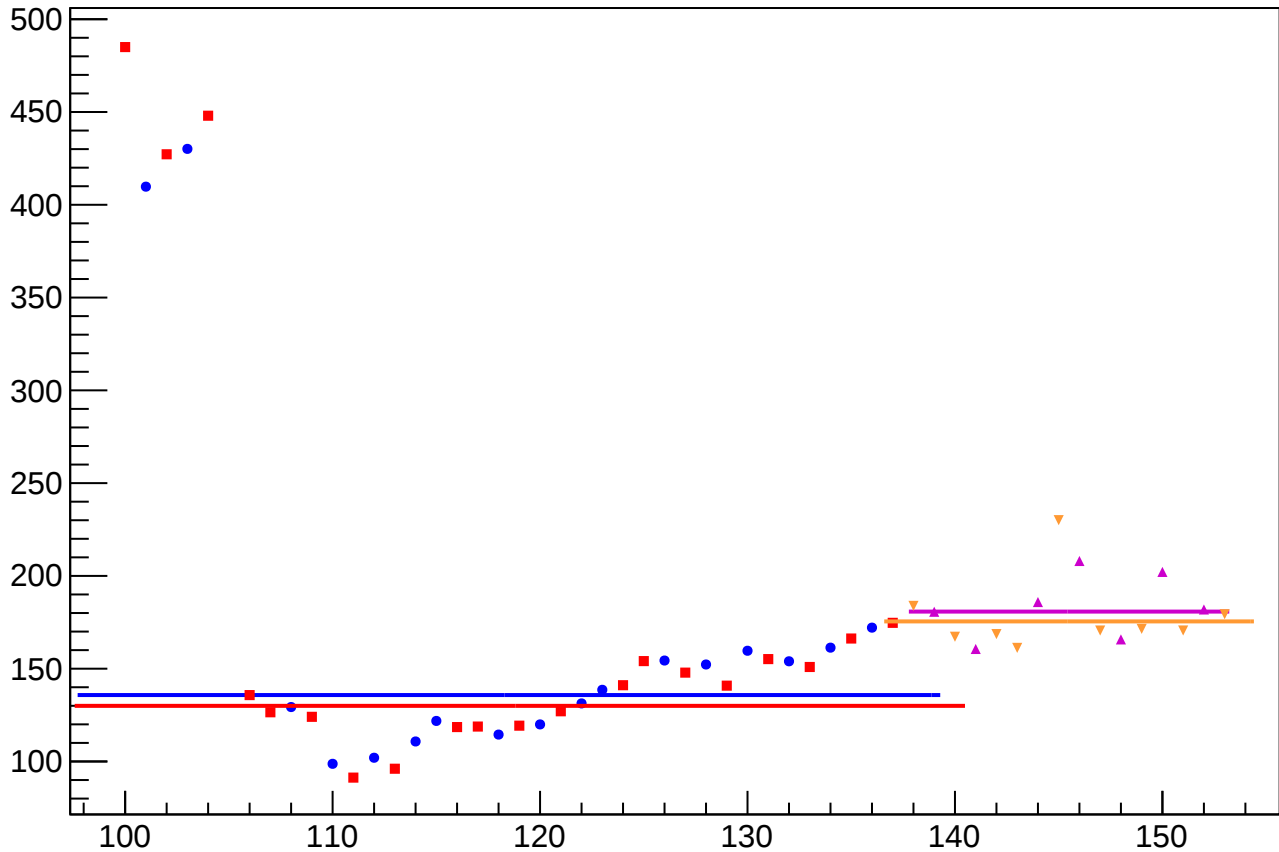
140.220 $\pm$ 0.029 χ^2/NDF : 2231833.2/26

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 132086.794 $\pm$ 0.057 χ^2 /NDF: 6733230928.7/16
 Left Out: 134590.496 $\pm$ 0.069 χ^2 /NDF: 134097317.6/8
 Right Out: 132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19
 Left In: 134514.496 $\pm$ 0.077 χ^2 /NDF: 132207105.9/6

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.796 +/- 0.040 χ^2/NDF : 1441904.9/16

Left Out: 175.480 +/- 0.049 χ^2/NDF : 108740.6/8

Right Out: 129.975 +/- 0.037 χ^2/NDF : 1504768.0/19

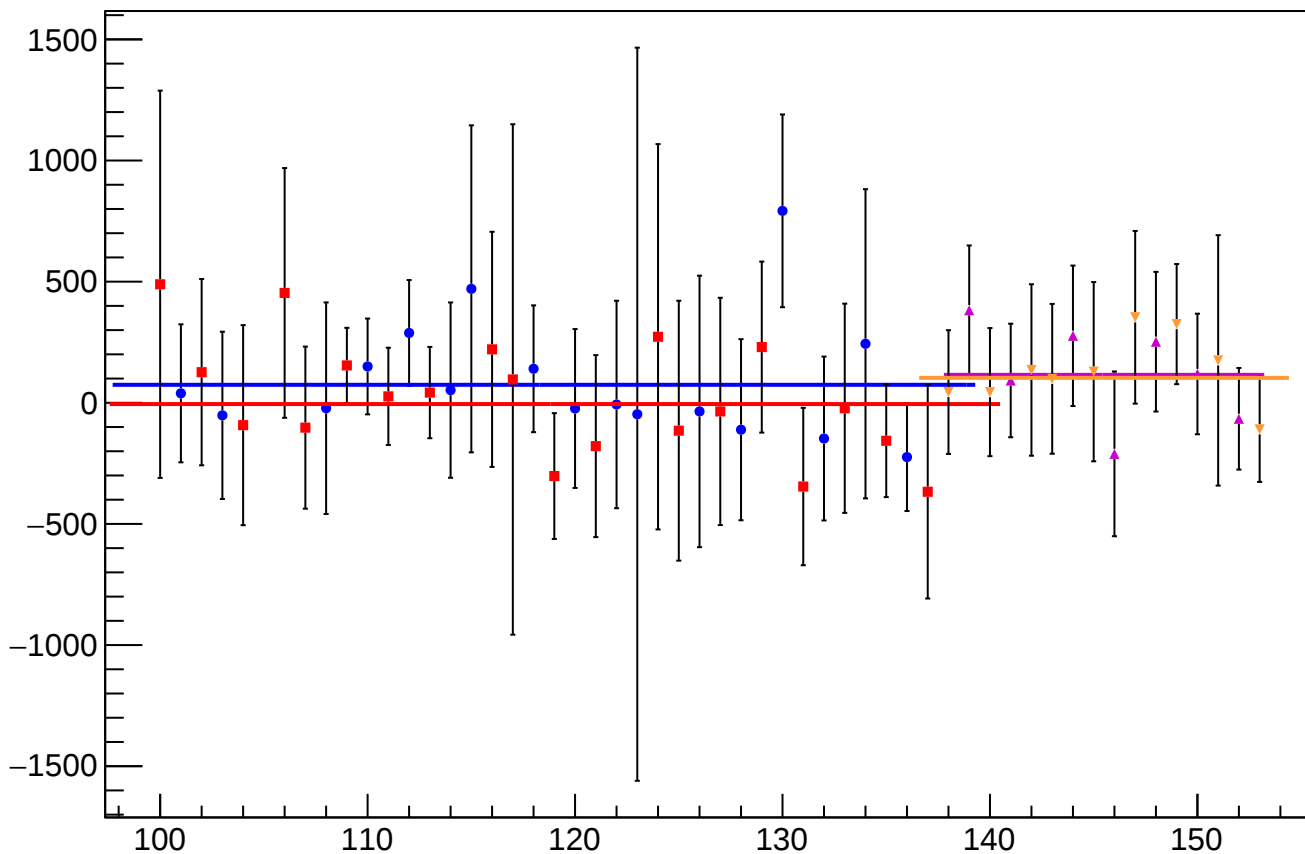
Left In: 180.772 +/- 0.054 χ^2/NDF : 86852.8/6

151.701 +/- 0.031 χ^2/NDF : 1945717.9/25

148.884 +/- 0.022 χ^2/NDF : 4153907.7/52

146.140 +/- 0.031 χ^2/NDF : 2191829.7/26

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 74.294 ± 79.018 χ^2/NDF : 7.7/16

Left Out: 102.919 ± 97.835 χ^2/NDF : 2.4/8

Right Out: -5.290 ± 69.914 χ^2/NDF : 7.1/19

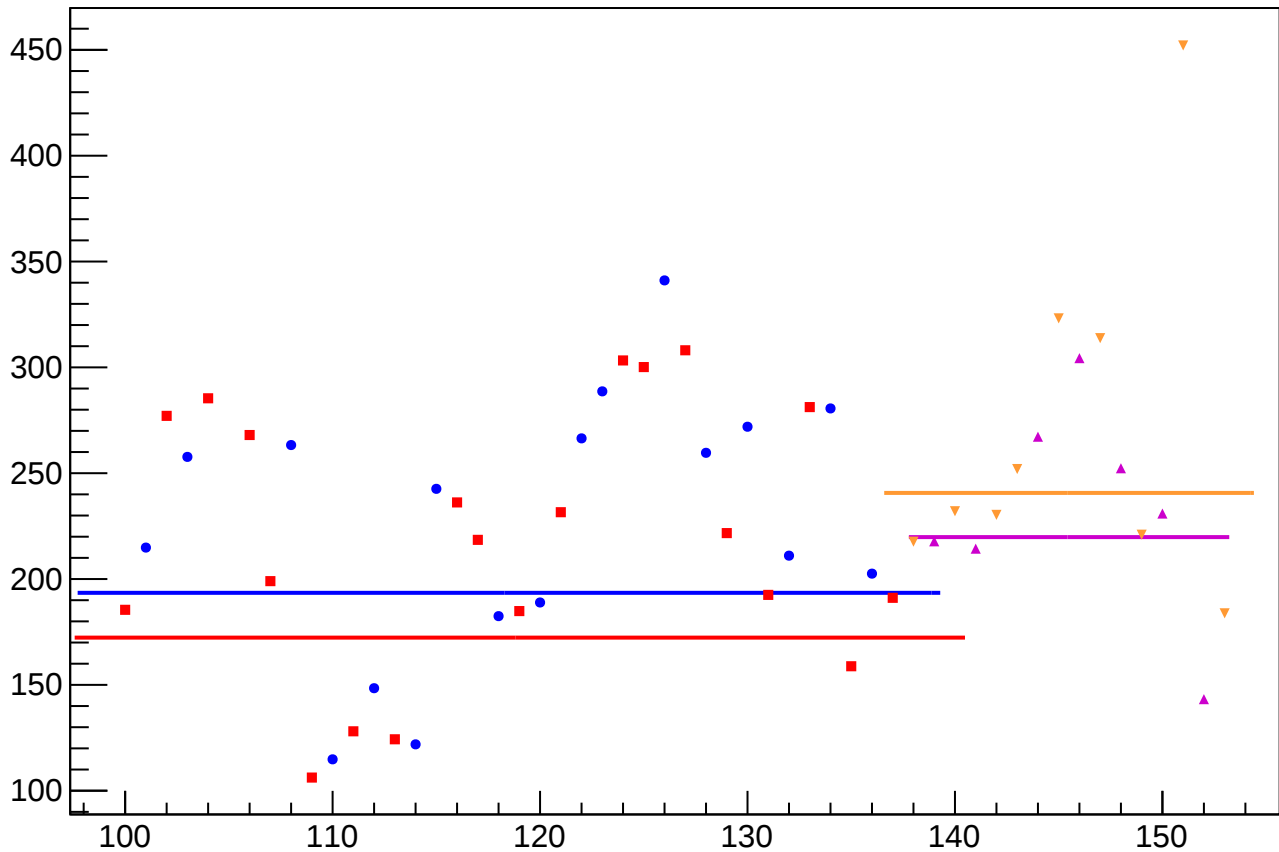
Left In: 115.309 ± 98.217 χ^2/NDF : 3.2/6

85.595 ± 61.472 χ^2/NDF : 10.1/25

58.516 ± 41.780 χ^2/NDF : 21.8/52

35.268 ± 56.958 χ^2/NDF : 11.3/26

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.488 $\pm$ 0.056 χ^2/NDF : 1017195.7/16

Left Out: 240.689 $\pm$ 0.069 χ^2/NDF : 690957.5/8

Right Out: 172.327 $\pm$ 0.049 χ^2/NDF : 1583701.4/19

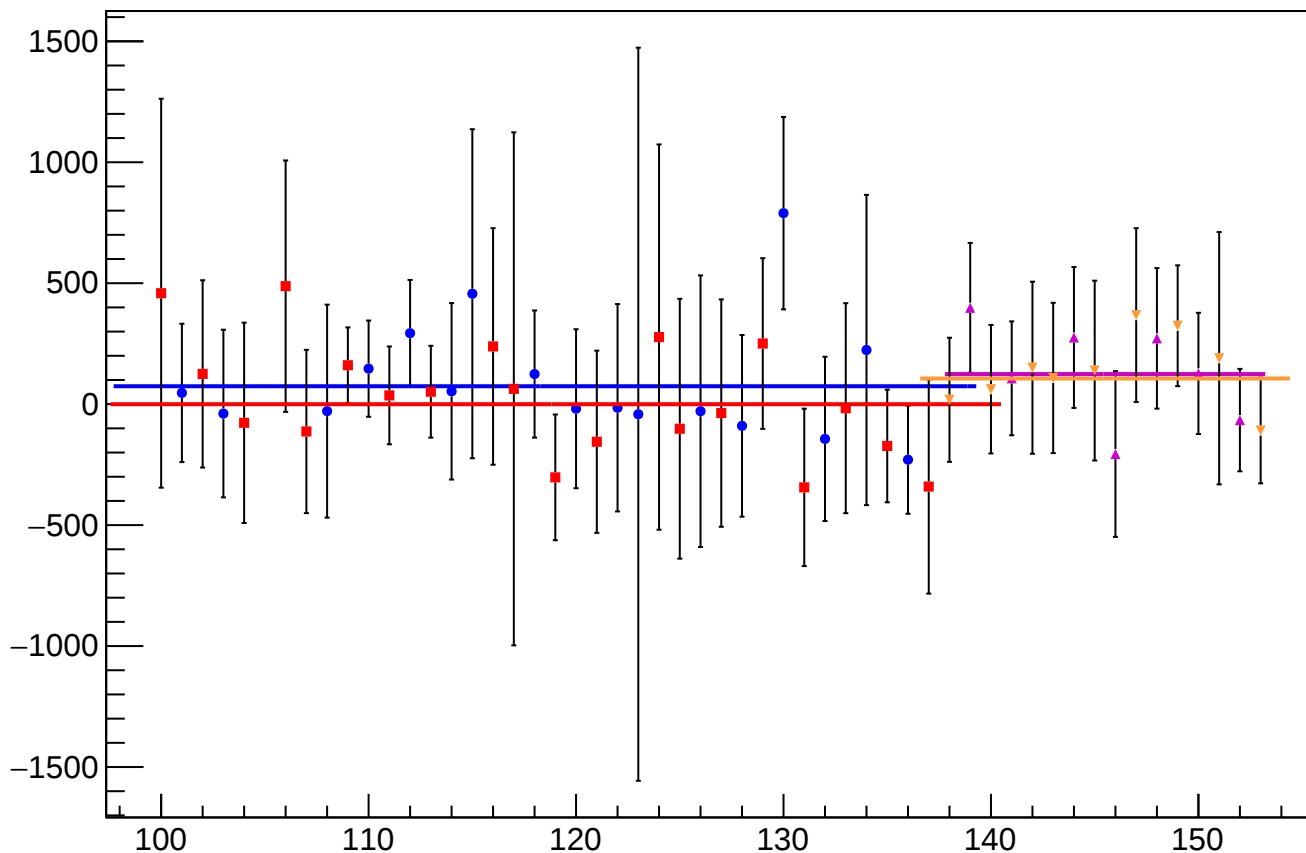
Left In: 219.812 $\pm$ 0.069 χ^2/NDF : 474224.9/6

212.122 $\pm$ 0.043 χ^2/NDF : 1989889.9/25

199.302 $\pm$ 0.030 χ^2/NDF : 4519758.9/52

188.296 $\pm$ 0.040 χ^2/NDF : 2368201.0/26

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 74.098+/-79.404 χ^2/NDF : 7.6/16

Left Out: 106.057+/-98.415 χ^2/NDF : 2.5/8

Right Out: -0.223+/-70.282 χ^2/NDF : 7.3/19

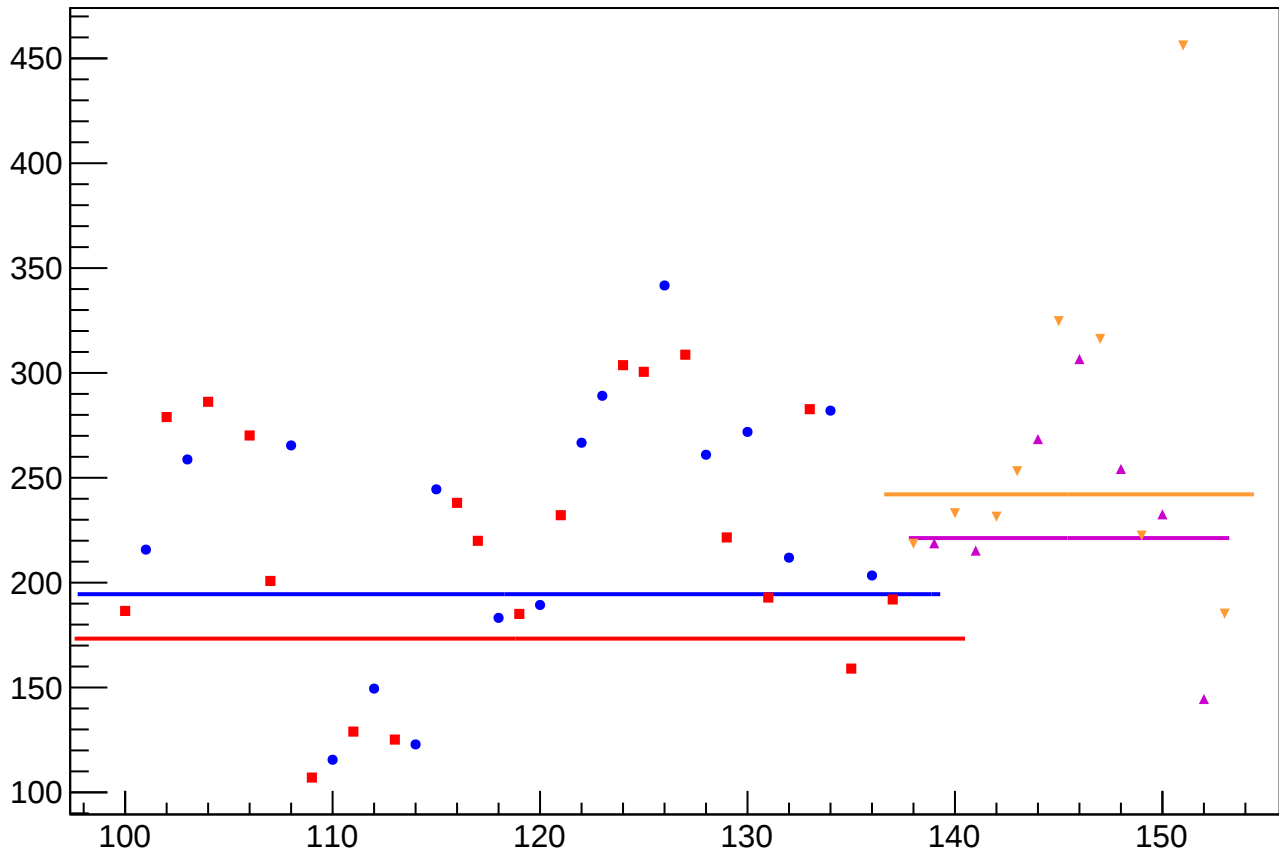
Left In: 124.373+/-98.848 χ^2/NDF : 3.3/6

86.699+/-61.797 χ^2/NDF : 10.1/25

62.448+/-42.009 χ^2/NDF : 22.0/52

41.614+/-57.279 χ^2/NDF : 11.7/26

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.496 $\pm$ 0.056 χ^2 /NDF: 1008514.7/16

Left Out: 242.099 $\pm$ 0.070 χ^2 /NDF: 692014.6/8

Right Out: 173.317 $\pm$ 0.050 χ^2 /NDF: 1571258.4/19

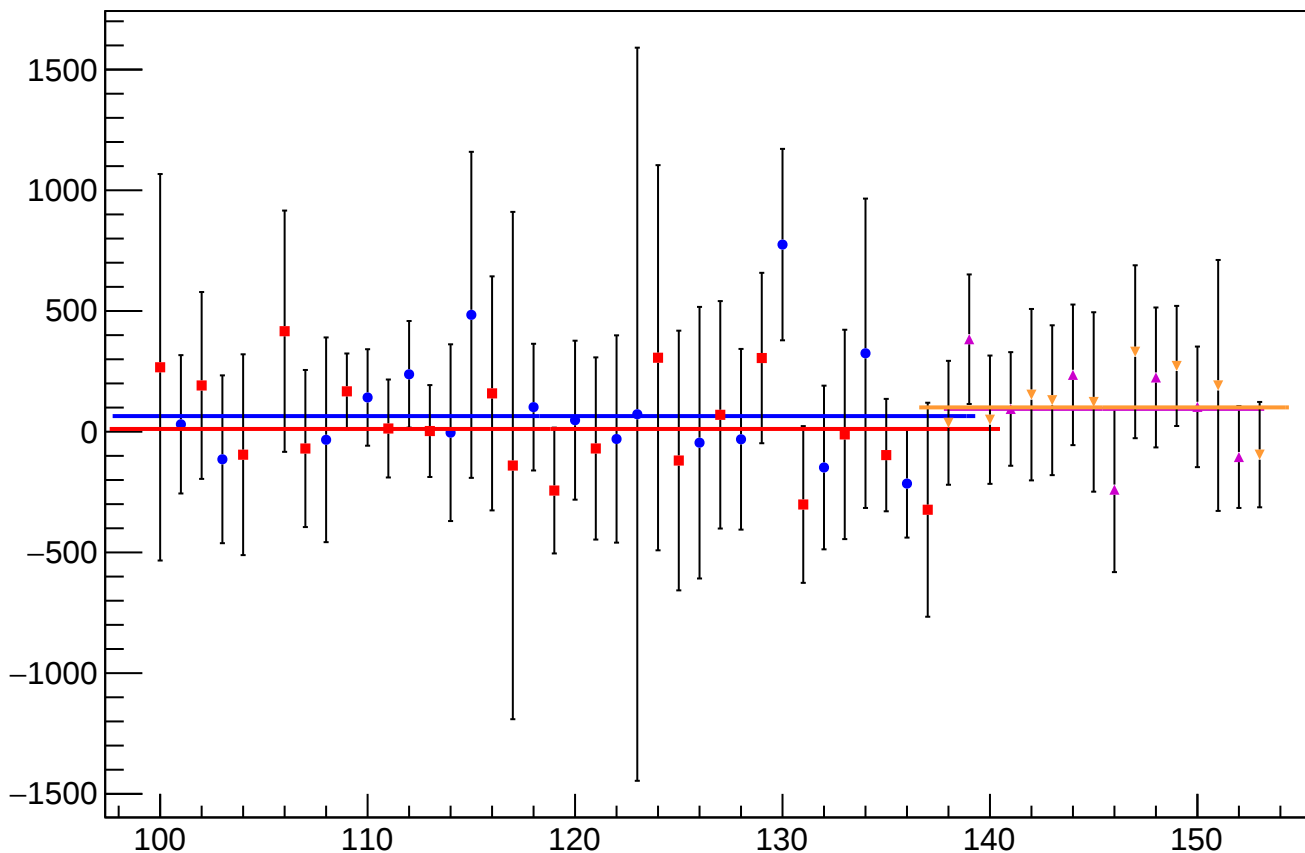
Left In: 221.254 $\pm$ 0.070 χ^2 /NDF: 470932.4/6

213.266 $\pm$ 0.044 χ^2 /NDF: 1983948.8/25

200.436 $\pm$ 0.030 χ^2 /NDF: 4498829.4/52

189.413 $\pm$ 0.041 χ^2 /NDF: 2354613.5/26

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 64.733+/-79.399 χ^2/NDF : 7.0/16

Left Out: 100.715+/-98.259 χ^2/NDF : 1.9/8

Right Out: 11.414+/-70.204 χ^2/NDF : 5.8/19

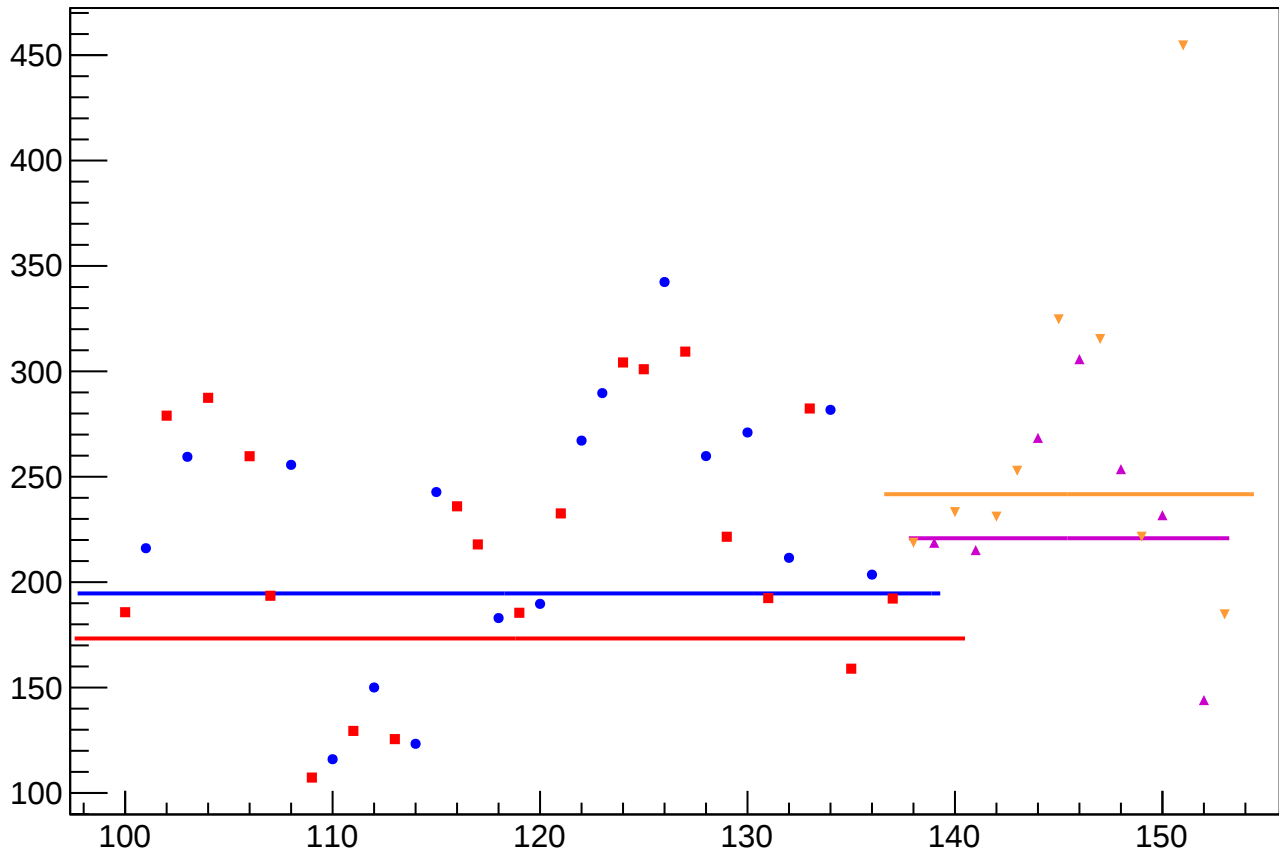
Left In: 94.646+/-98.663 χ^2/NDF : 3.4/6

78.947+/-61.757 χ^2/NDF : 9.0/25

57.656+/-41.965 χ^2/NDF : 18.9/52

39.390+/-57.201 χ^2/NDF : 9.8/26

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.652 +/- 0.056 χ^2/NDF : 986798.9/16

Left Out: 241.723 +/- 0.069 χ^2/NDF : 691808.6/8

Right Out: 173.289 +/- 0.050 χ^2/NDF : 1548162.6/19

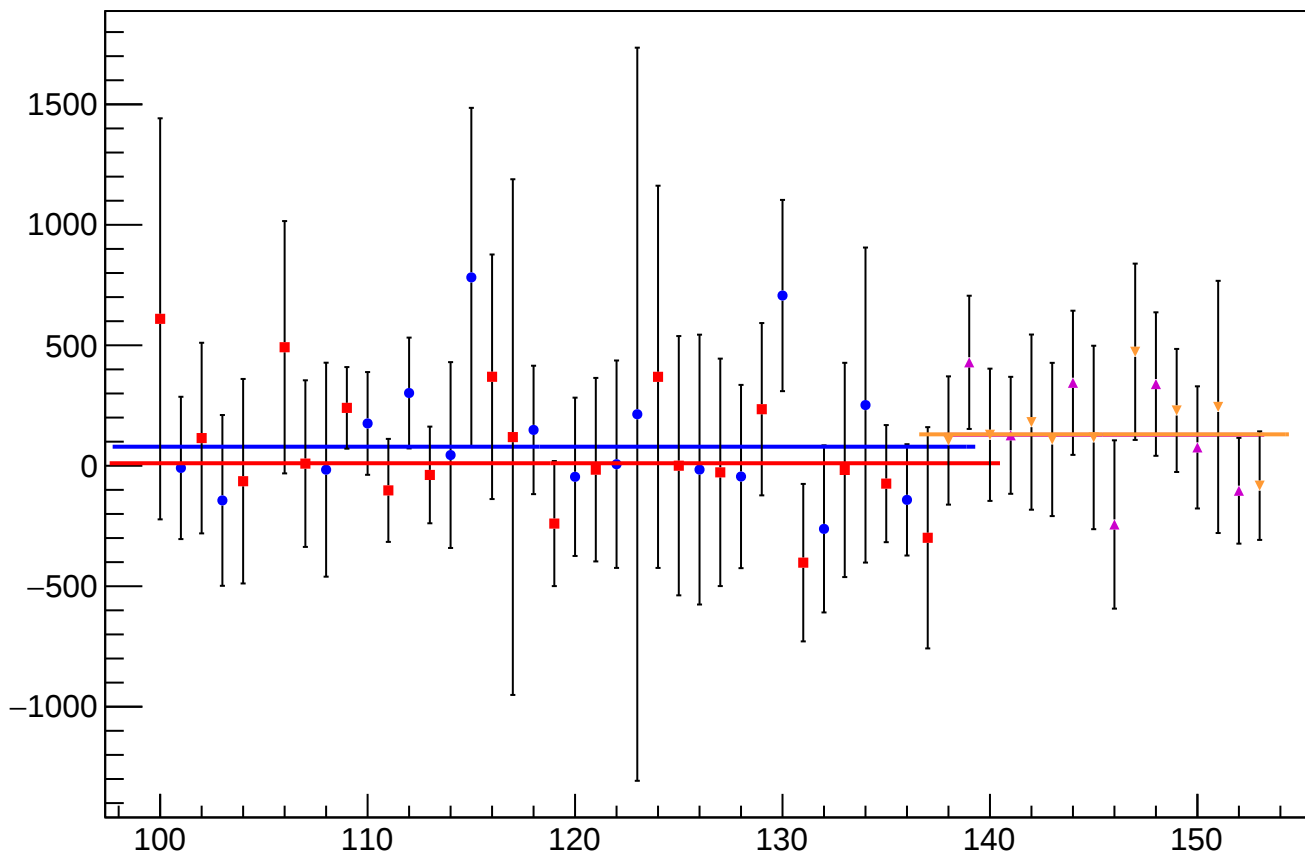
Left In: 220.828 +/- 0.070 χ^2/NDF : 472631.2/6

213.246 +/- 0.044 χ^2/NDF : 1956283.1/25

200.340 +/- 0.030 χ^2/NDF : 4447618.5/52

189.268 +/- 0.040 χ^2/NDF : 2329054.2/26

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 79.128 $\pm$ 81.874 χ^2 /NDF: 7.5/16

Left Out: 130.413 $\pm$ 101.062 χ^2 /NDF: 2.0/8

Right Out: 10.491 $\pm$ 73.139 χ^2 /NDF: 7.9/19

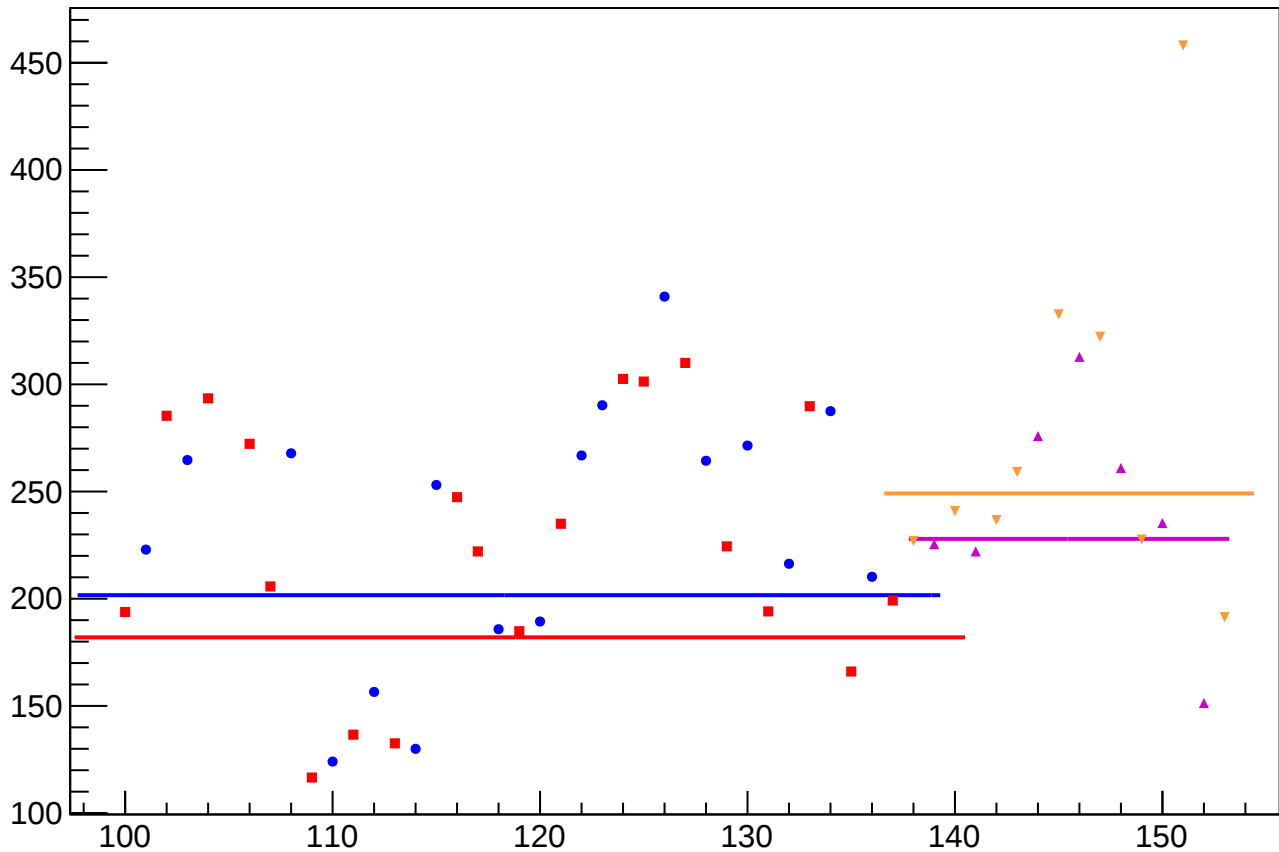
Left In: 128.578 $\pm$ 101.531 χ^2 /NDF: 4.5/6

99.450 $\pm$ 63.617 χ^2 /NDF: 9.7/25

73.454 $\pm$ 43.395 χ^2 /NDF: 23.2/52

50.834 $\pm$ 59.344 χ^2 /NDF: 13.3/26

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 201.654 $\pm$ 0.058 χ^2 /NDF: 883179.7/16

Left Out: 249.125 $\pm$ 0.071 χ^2 /NDF: 660499.2/8

Right Out: 181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

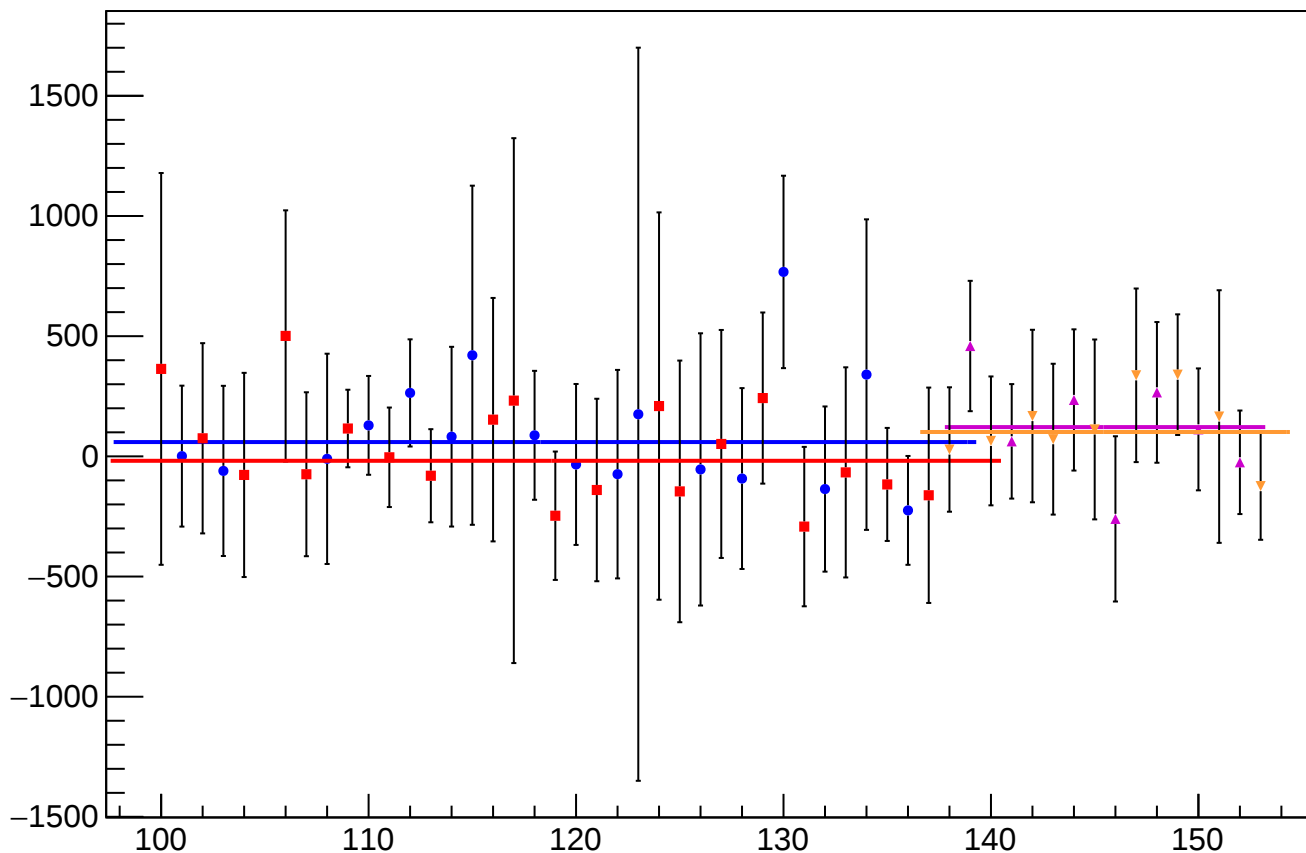
Left In: 227.916 $\pm$ 0.072 χ^2 /NDF: 440607.4/6

220.464 $\pm$ 0.045 χ^2 /NDF: 1810088.2/25

208.280 $\pm$ 0.031 χ^2 /NDF: 4037639.0/52

197.677 $\pm$ 0.042 χ^2 /NDF: 2090340.1/26

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.496 $\pm$ 80.808 χ^2/NDF : 7.0/16

Left Out: 101.368 $\pm$ 99.451 χ^2/NDF : 2.5/8

Right Out: -18.457 $\pm$ 71.711 χ^2/NDF : 4.8/19

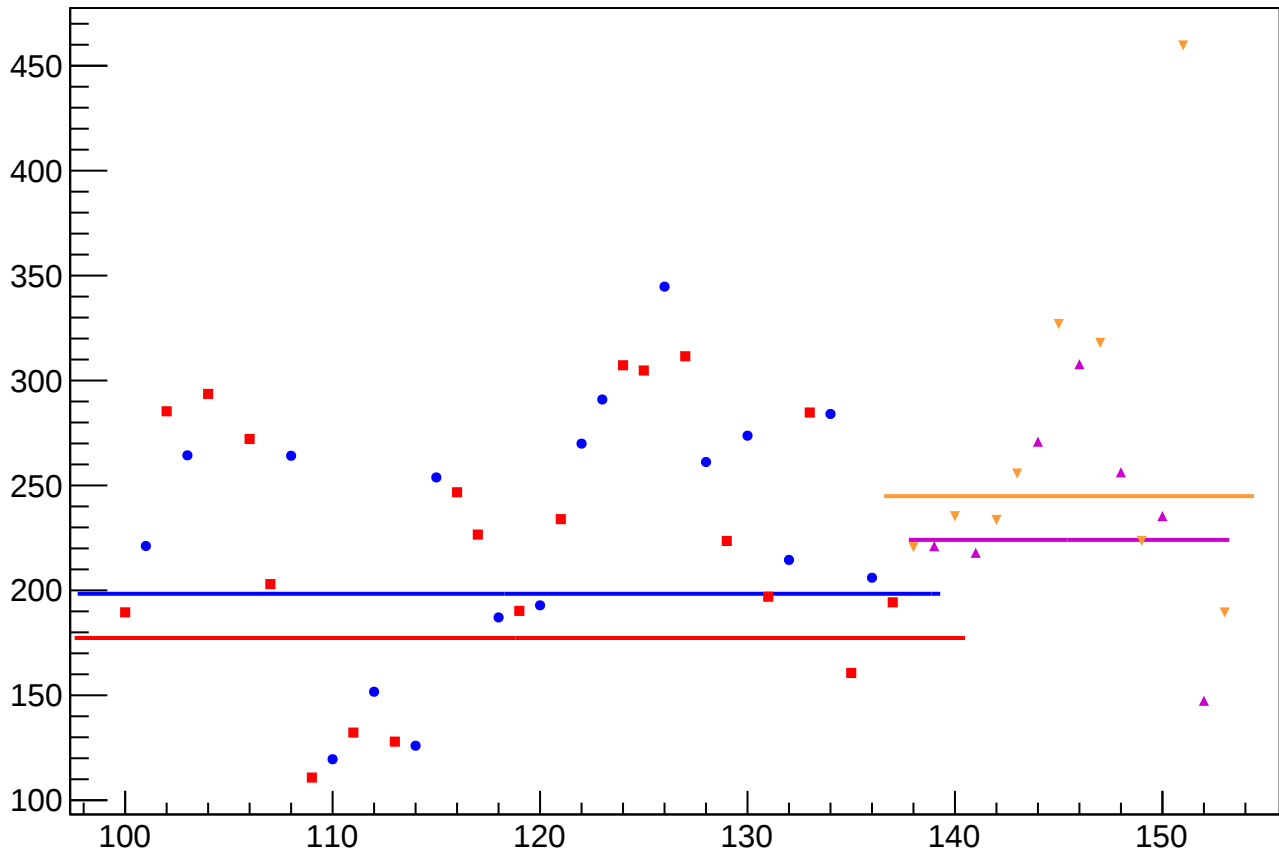
Left In: 121.744 $\pm$ 99.976 χ^2/NDF : 3.7/6

76.147 $\pm$ 62.715 χ^2/NDF : 9.6/25

50.936 $\pm$ 42.689 χ^2/NDF : 19.7/52

29.171 $\pm$ 58.271 χ^2/NDF : 9.8/26

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378 $\pm$ 0.057 χ^2/NDF : 963672.6/16

Left Out: 244.897 $\pm$ 0.070 χ^2/NDF : 674180.6/8

Right Out: 177.309 $\pm$ 0.051 χ^2/NDF : 1528855.2/19

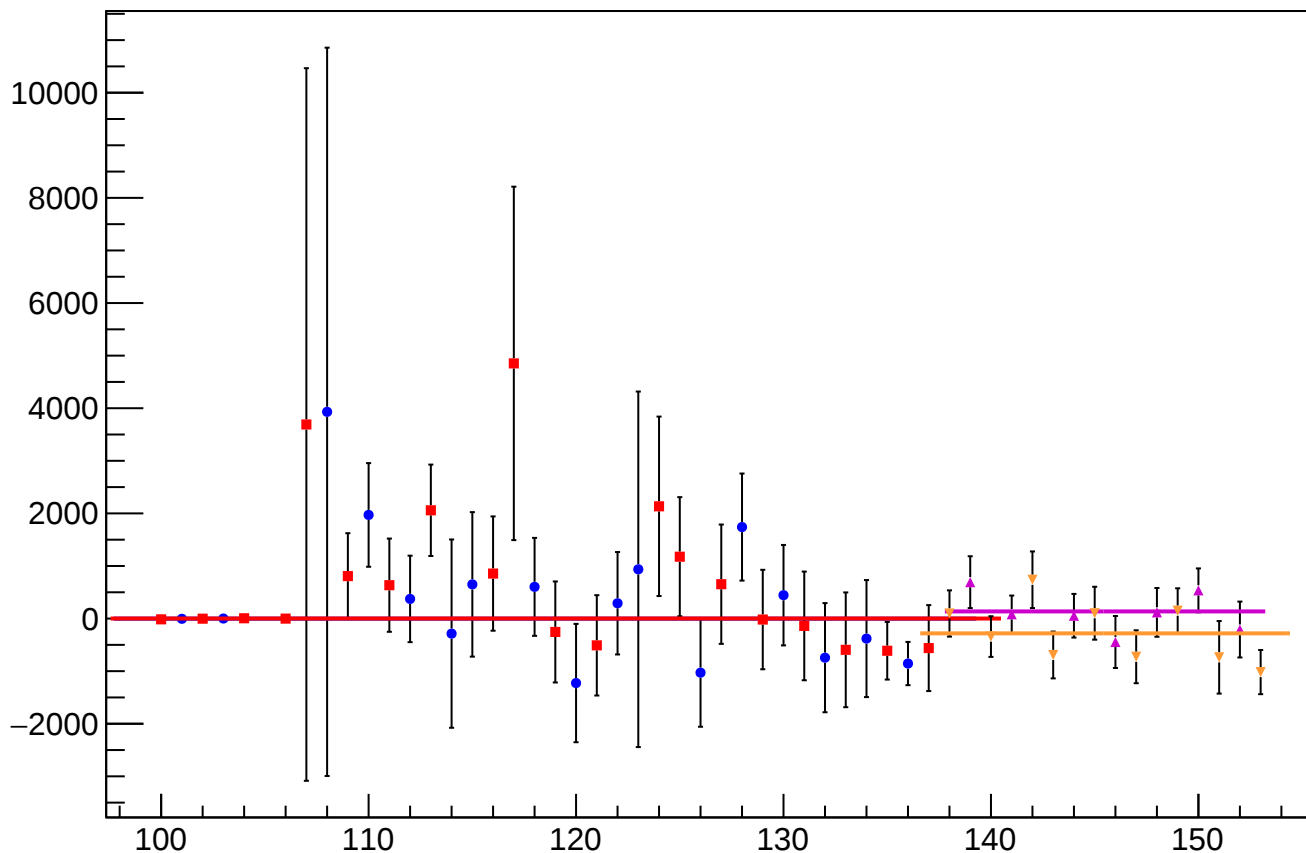
Left In: 224.064 $\pm$ 0.071 χ^2/NDF : 452618.9/6

216.878 $\pm$ 0.044 χ^2/NDF : 1901427.6/25

204.166 $\pm$ 0.030 χ^2/NDF : 4324812.8/52

193.193 $\pm$ 0.041 χ^2/NDF : 2270294.2/26

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529 ± 2.251 χ^2/NDF : 17.0/16

Left Out: -281.235 ± 155.162 χ^2/NDF : 11.1/8

Right Out: 0.728 ± 2.111 χ^2/NDF : 21.4/19

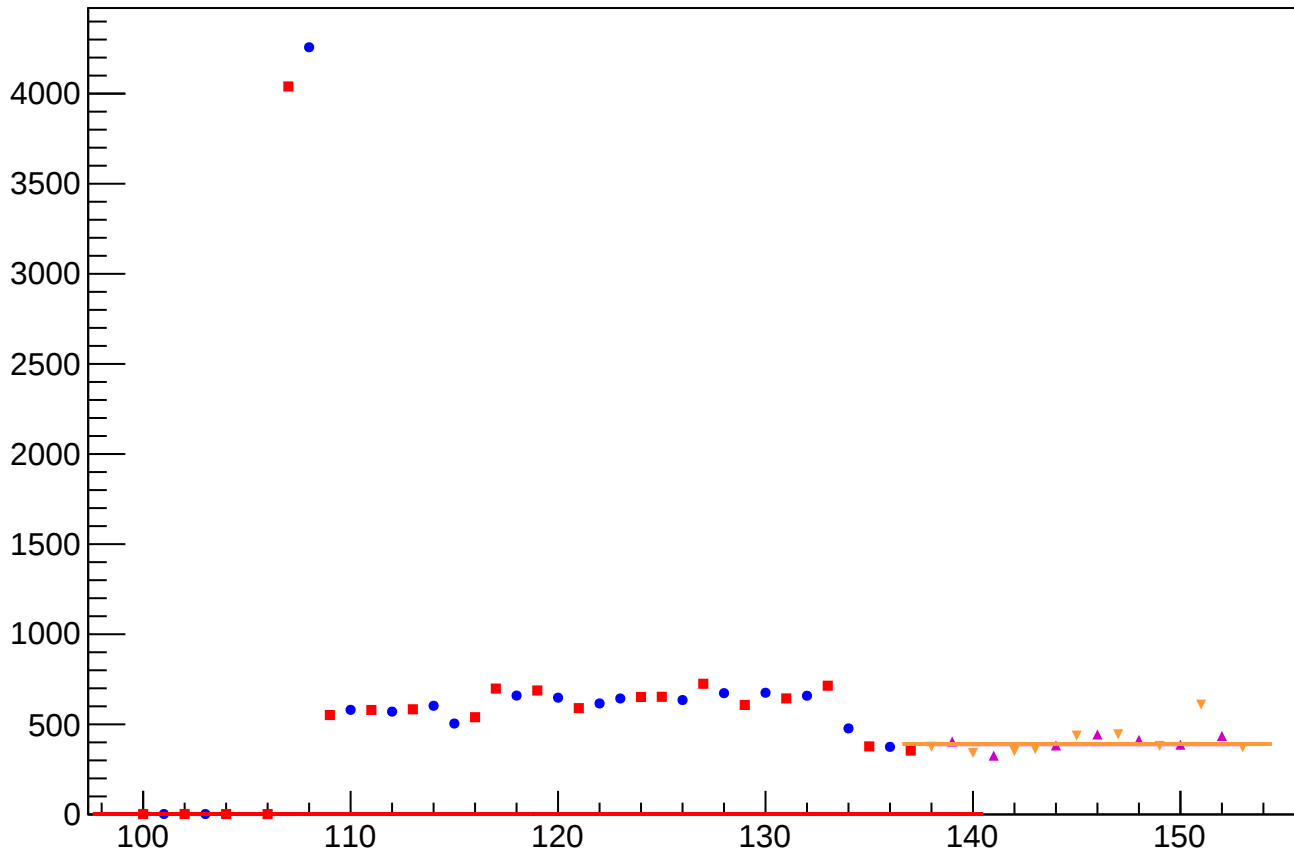
Left In: 136.025 ± 167.037 χ^2/NDF : 4.1/6

-1.588 ± 2.251 χ^2/NDF : 31.3/25

-0.344 ± 1.540 χ^2/NDF : 58.0/52

0.750 ± 2.111 χ^2/NDF : 26.1/26

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.457+/-0.002 χ^2/NDF : 10847802.4/16

Left Out: 390.893+/-0.110 χ^2/NDF : 299876.5/8

Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

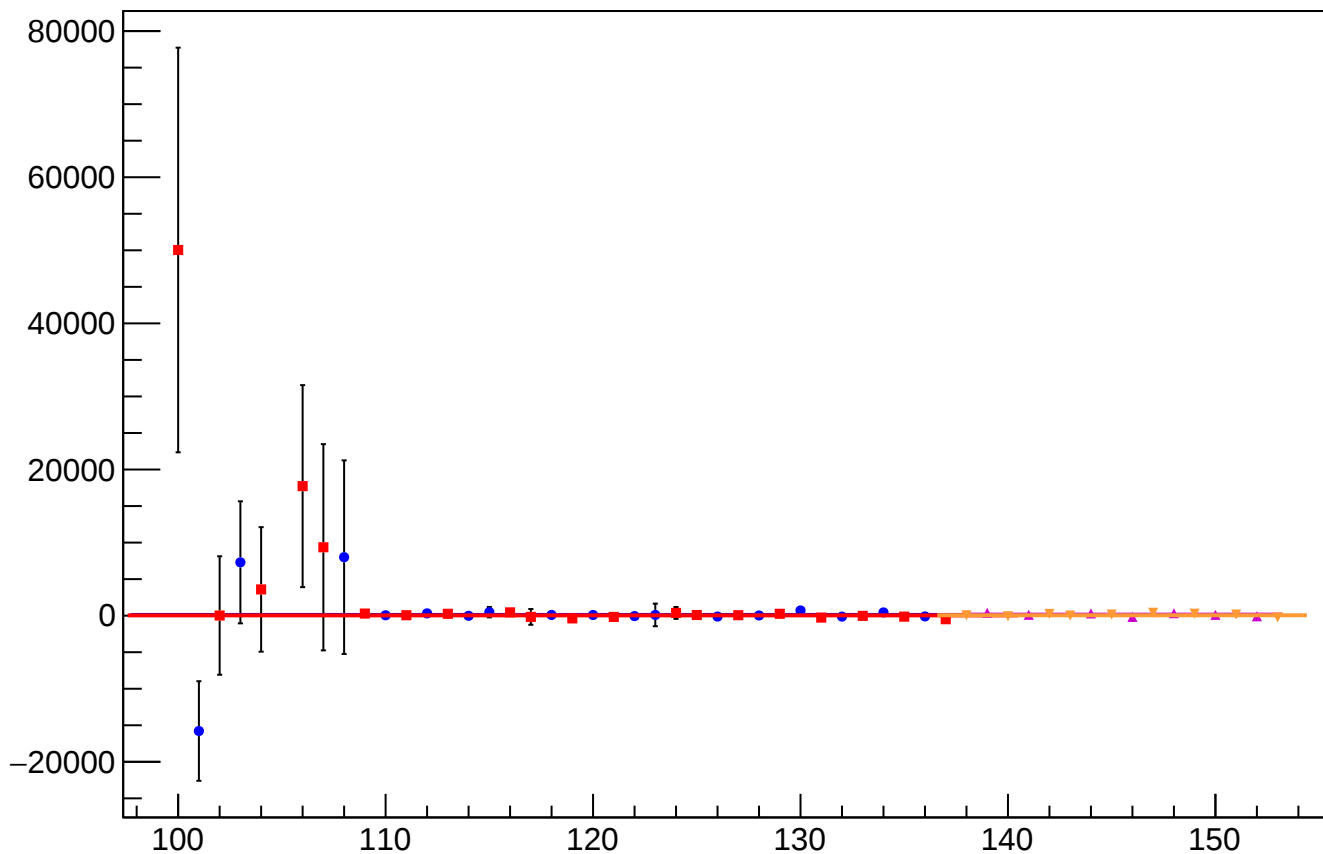
Left In: 389.930+/-0.118 χ^2/NDF : 110400.2/6

2.538+/-0.002 χ^2/NDF : 23679327.6/25

2.517+/-0.001 χ^2/NDF : 45784484.2/52

2.499+/-0.001 χ^2/NDF : 22104828.5/26

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 98.643+/-90.860 χ^2/NDF : 11.9/16

Left Out: 54.603+/-105.337 χ^2/NDF : 3.5/8

Right Out: 41.024+/-84.237 χ^2/NDF : 13.9/19

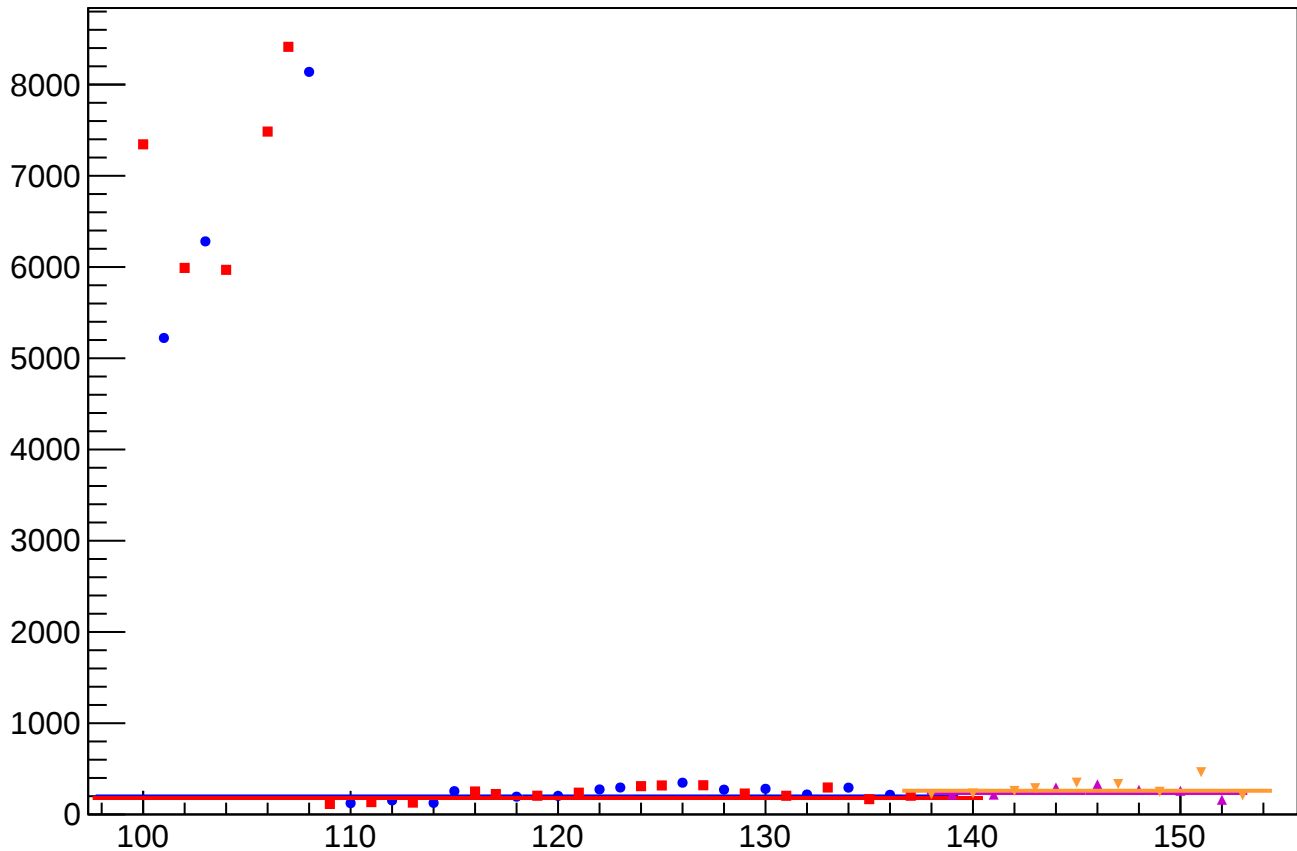
Left In: 141.412+/-104.914 χ^2/NDF : 3.4/6

79.855+/-68.801 χ^2/NDF : 15.4/25

80.126+/-47.510 χ^2/NDF : 33.3/52

80.374+/-65.685 χ^2/NDF : 17.9/26

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086 $\pm$ 0.064 χ^2/NDF : 3693614.0/16

Left Out: 259.973 $\pm$ 0.074 χ^2/NDF : 642721.3/8

Right Out: 180.217 $\pm$ 0.060 χ^2/NDF : 4324457.3/19

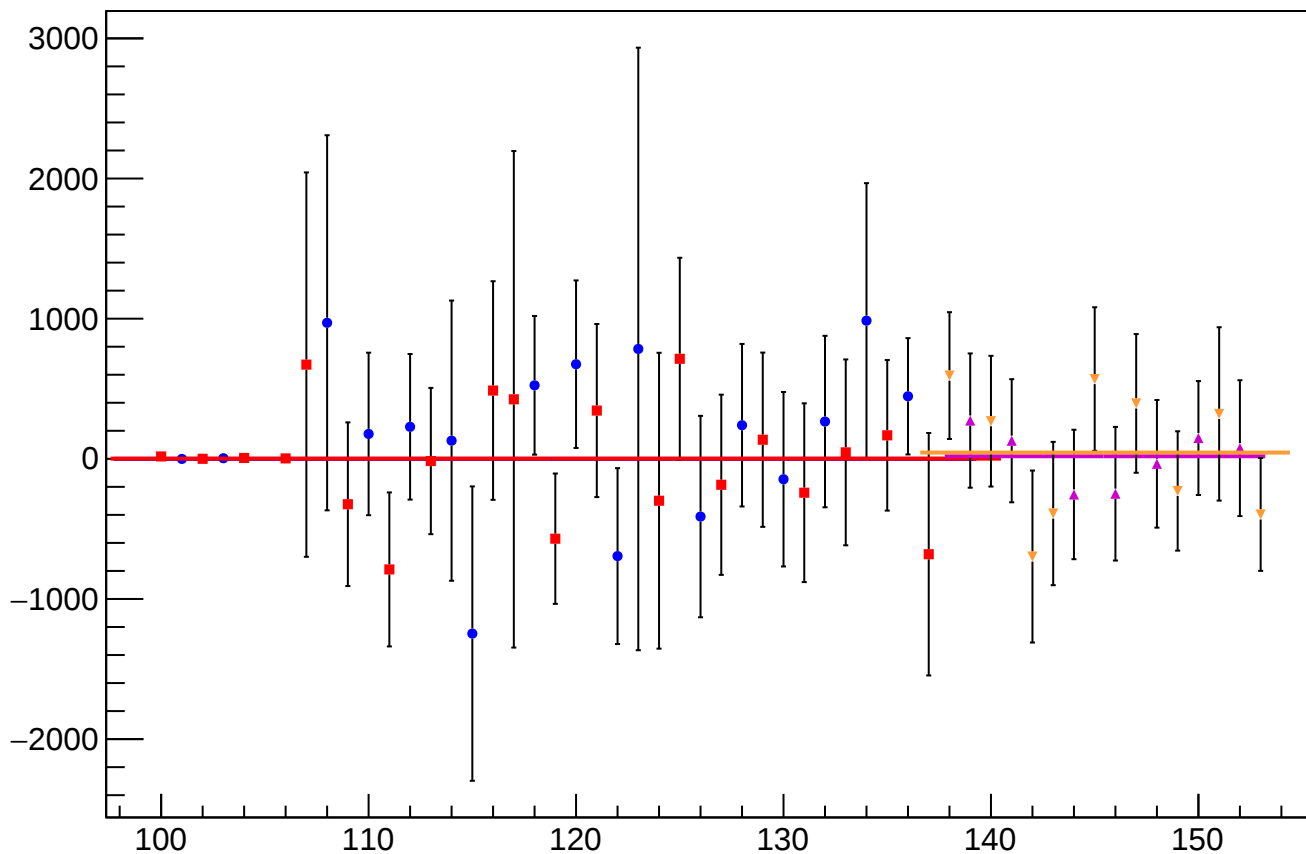
Left In: 235.521 $\pm$ 0.074 χ^2/NDF : 469295.6/6

223.914 $\pm$ 0.049 χ^2/NDF : 4745077.8/25

212.394 $\pm$ 0.034 χ^2/NDF : 9983904.5/52

201.895 $\pm$ 0.046 χ^2/NDF : 5131653.8/26

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.138 ± 1.737 χ^2/NDF : 9.7/16

Left Out: 44.650 ± 161.878 χ^2/NDF : 7.3/8

Right Out: 1.324 ± 1.623 χ^2/NDF : 9.7/19

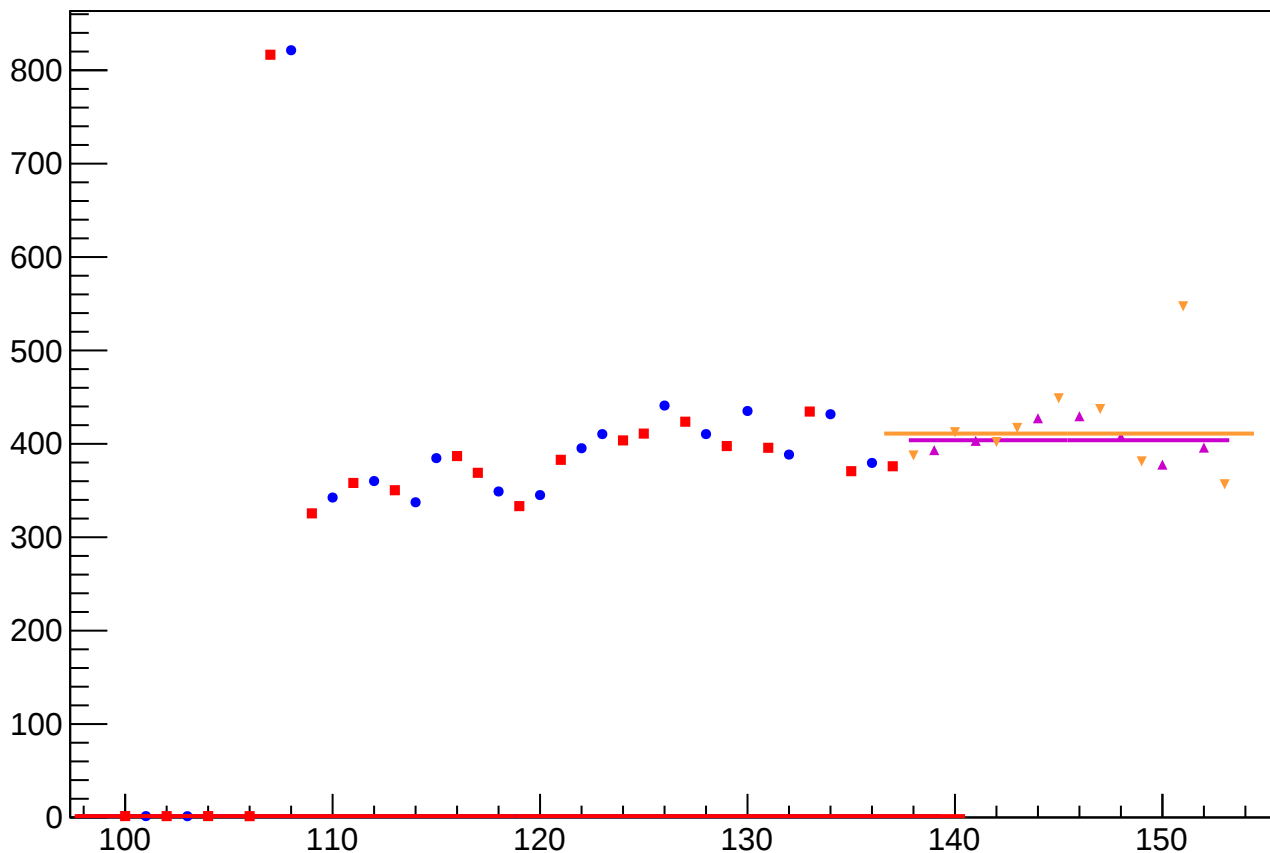
Left In: 18.379 ± 172.110 χ^2/NDF : 1.1/6

-0.133 ± 1.737 χ^2/NDF : 17.1/25

0.646 ± 1.186 χ^2/NDF : 28.3/52

1.325 ± 1.622 χ^2/NDF : 10.8/26

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.453+/-0.001 χ^2/NDF : 10957986.8/16

Left Out: 410.994+/-0.114 χ^2/NDF :165848.2/8

Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

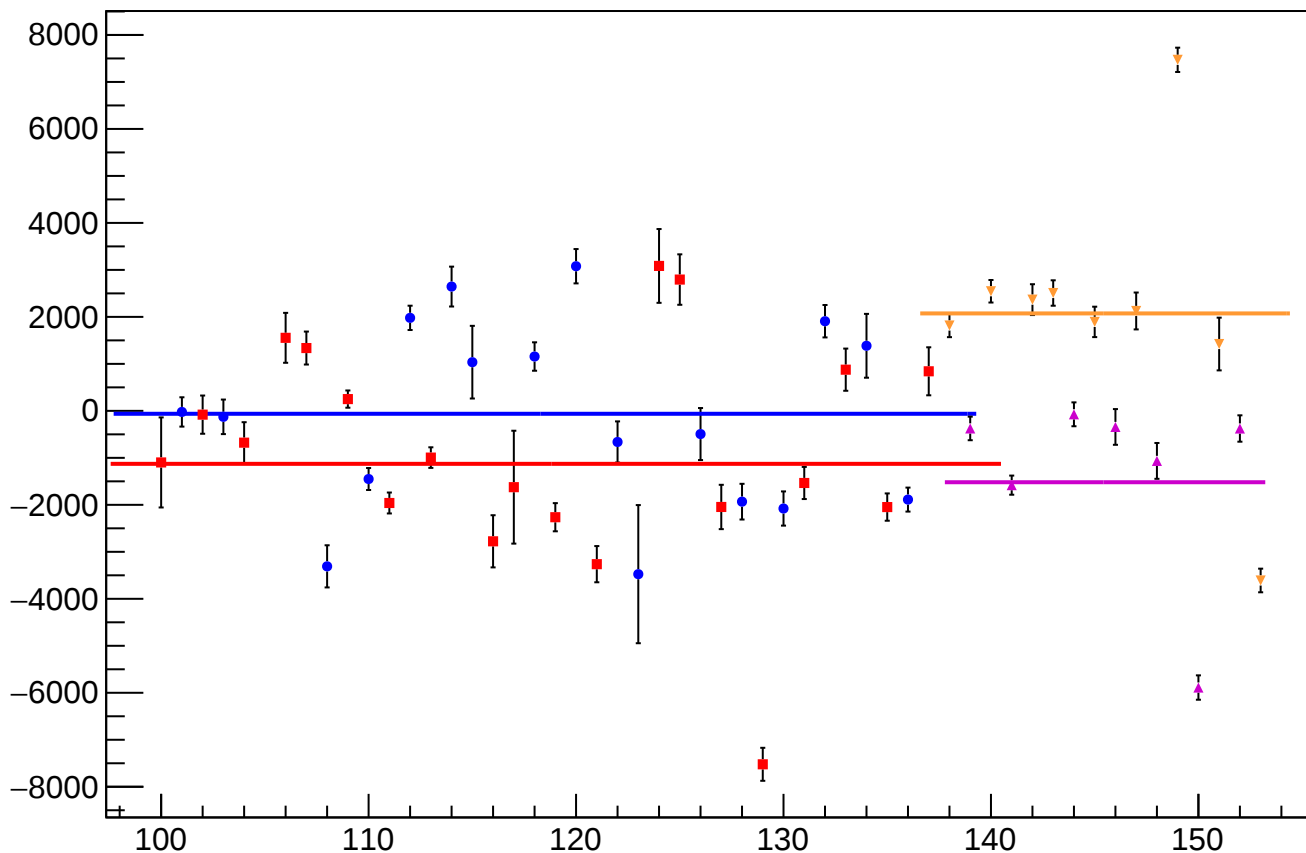
Left In: 403.869+/-0.122 χ^2/NDF :20884.4/6

1.500+/-0.001 χ^2/NDF : 23923526.6/25

1.493+/-0.001 χ^2/NDF : 45844176.7/52

1.487+/-0.001 χ^2/NDF : 21920591.8/26

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -62.164 +/- 87.424 χ^2/NDF : 433.9/16

Left Out: 2073.624 +/- 96.862 χ^2/NDF : 955.9/8

Right Out: -1127.552 +/- 78.203 χ^2/NDF : 671.4/19

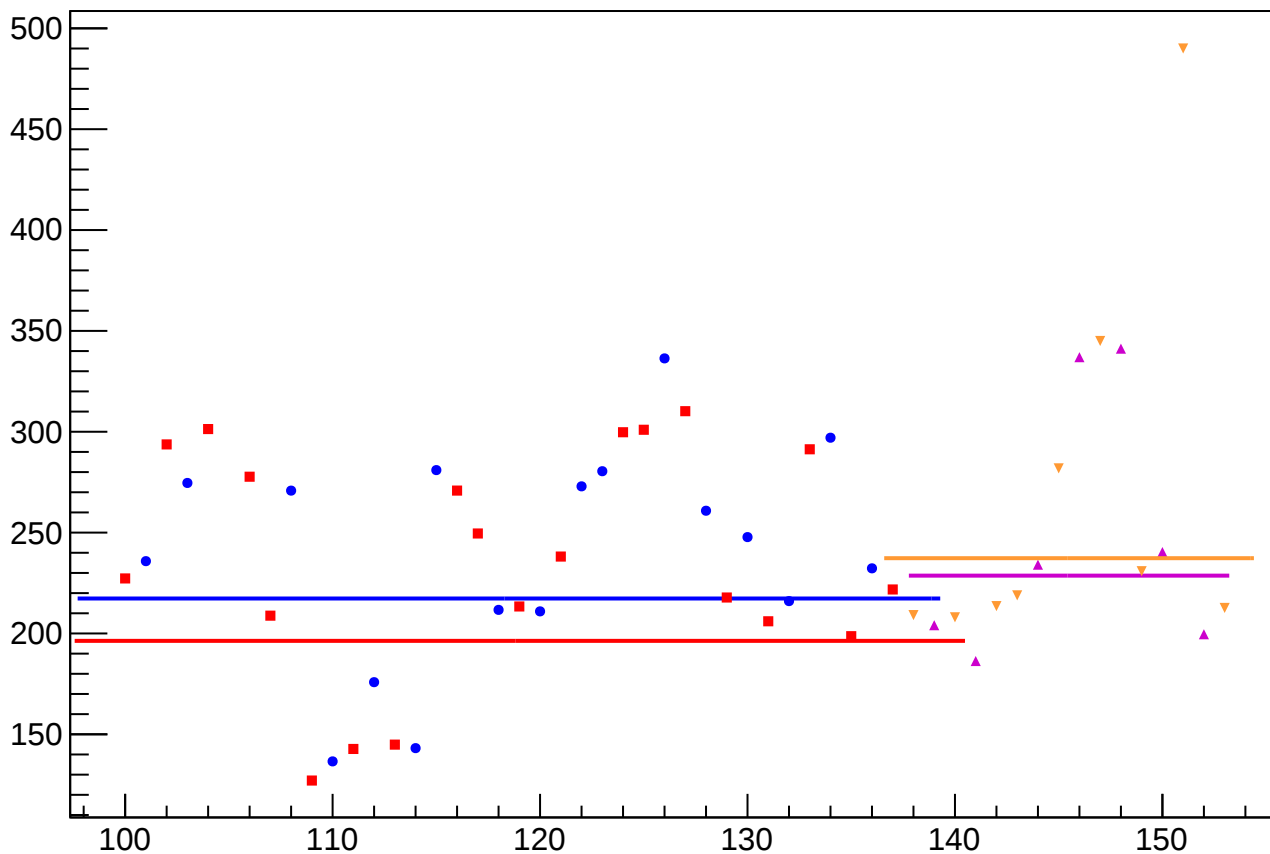
Left In: -1519.067 +/- 101.609 χ^2/NDF : 364.5/6

896.632 +/- 64.899 χ^2/NDF : 1657.7/25

-238.289 +/- 44.820 χ^2/NDF : 3287.6/52

-1273.195 +/- 61.973 χ^2/NDF : 1045.2/26

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330 +/- 0.062 χ^2/NDF : 652722.5/16

Left Out: 237.315 +/- 0.068 χ^2/NDF : 690292.7/8

Right Out: 196.332 +/- 0.055 χ^2/NDF : 1194678.0/19

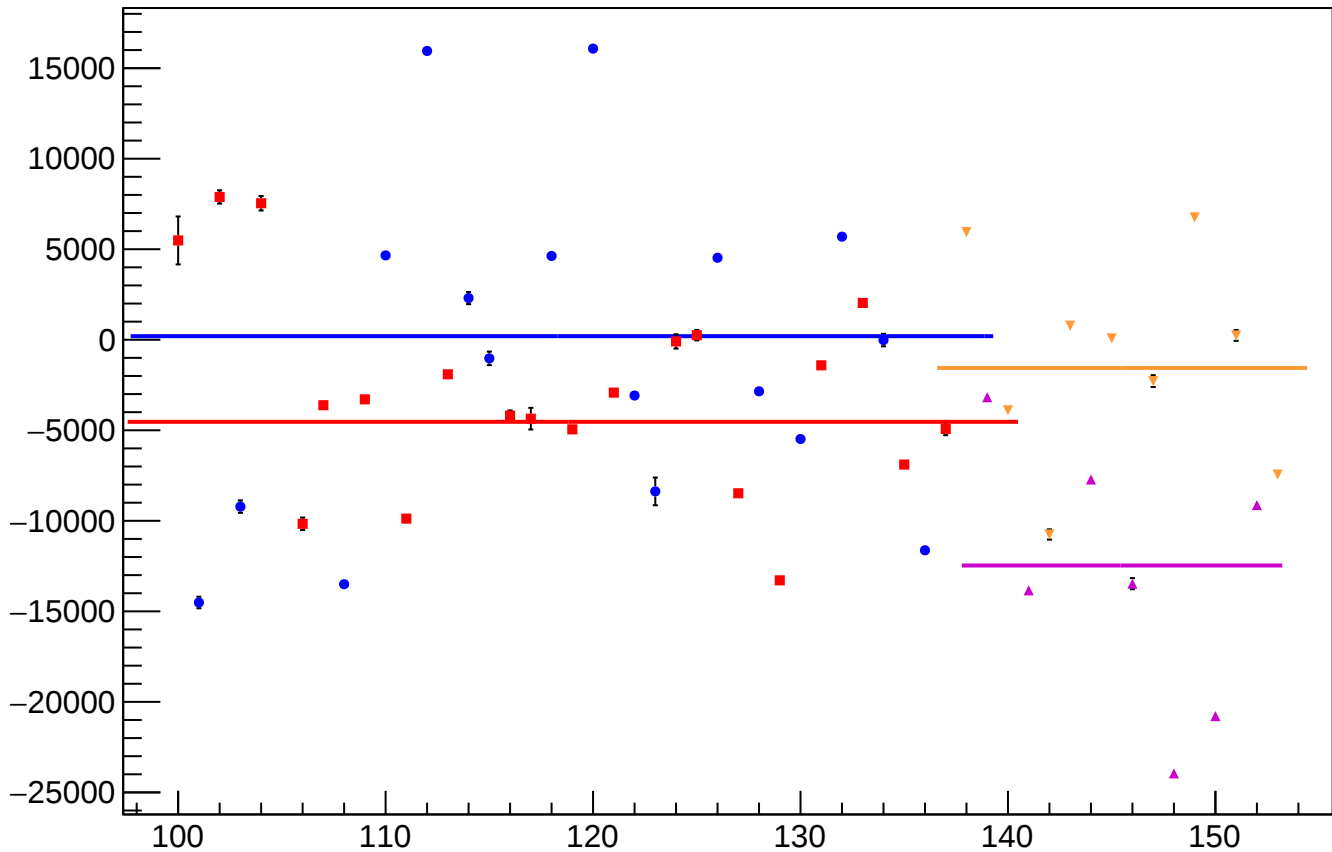
Left In: 228.666 +/- 0.072 χ^2/NDF : 468399.2/6

226.302 +/- 0.046 χ^2/NDF : 1389935.4/25

216.918 +/- 0.032 χ^2/NDF : 3260151.9/52

208.360 +/- 0.044 χ^2/NDF : 1790268.4/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 ± 54.799 χ^2/NDF : 30658.3/16

Left Out: -1555.864 ± 75.304 χ^2/NDF : 5739.6/8

Right Out: -4532.856 ± 52.261 χ^2/NDF : 7477.3/19

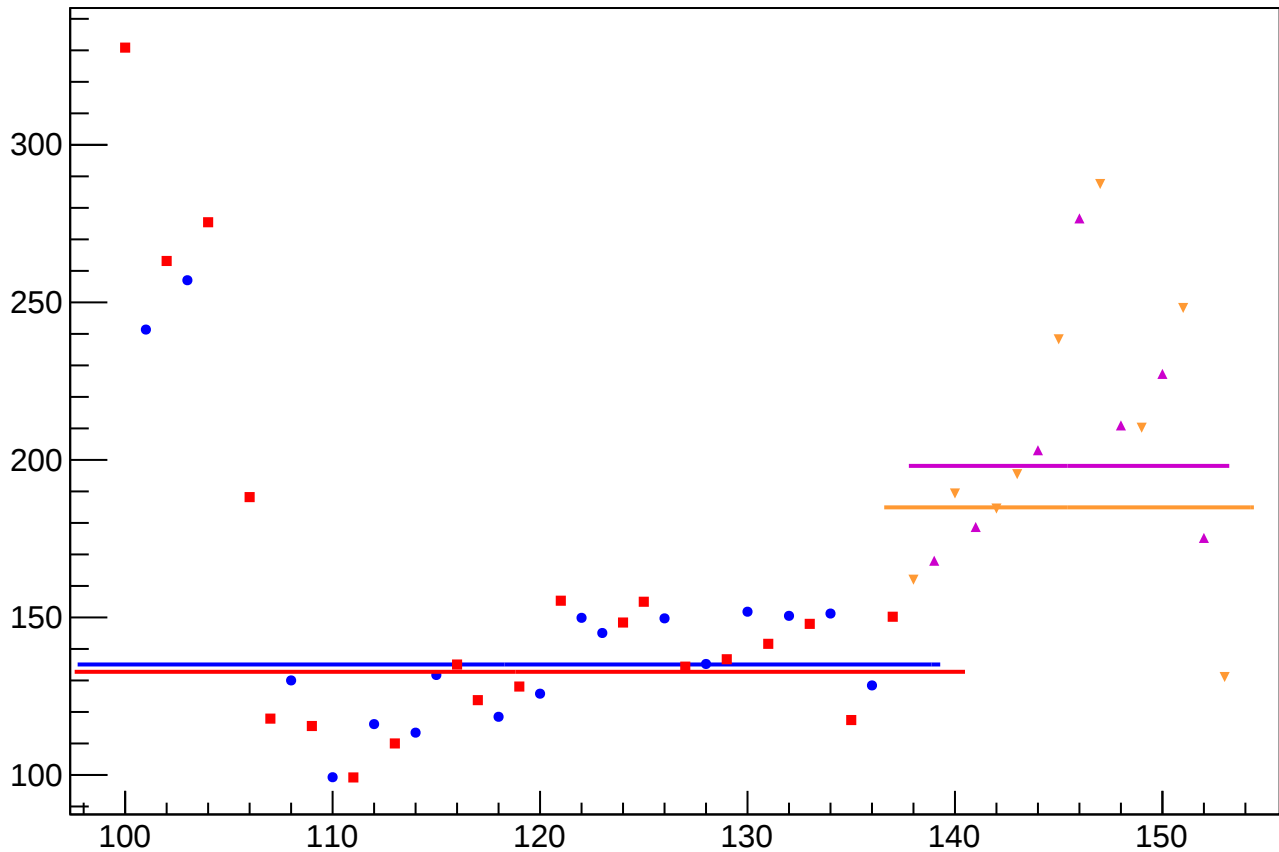
Left In: -12467.990 ± 86.817 χ^2/NDF : 6121.3/6

-409.858 ± 44.309 χ^2/NDF : 36752.1/25

-3494.048 ± 31.494 χ^2/NDF : 66275.5/52

-6643.459 ± 44.775 χ^2/NDF : 19730.6/26

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072+/-0.039 χ^2/NDF : 658703.5/16

Left Out: 184.940+/-0.053 χ^2/NDF : 685147.0/8

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

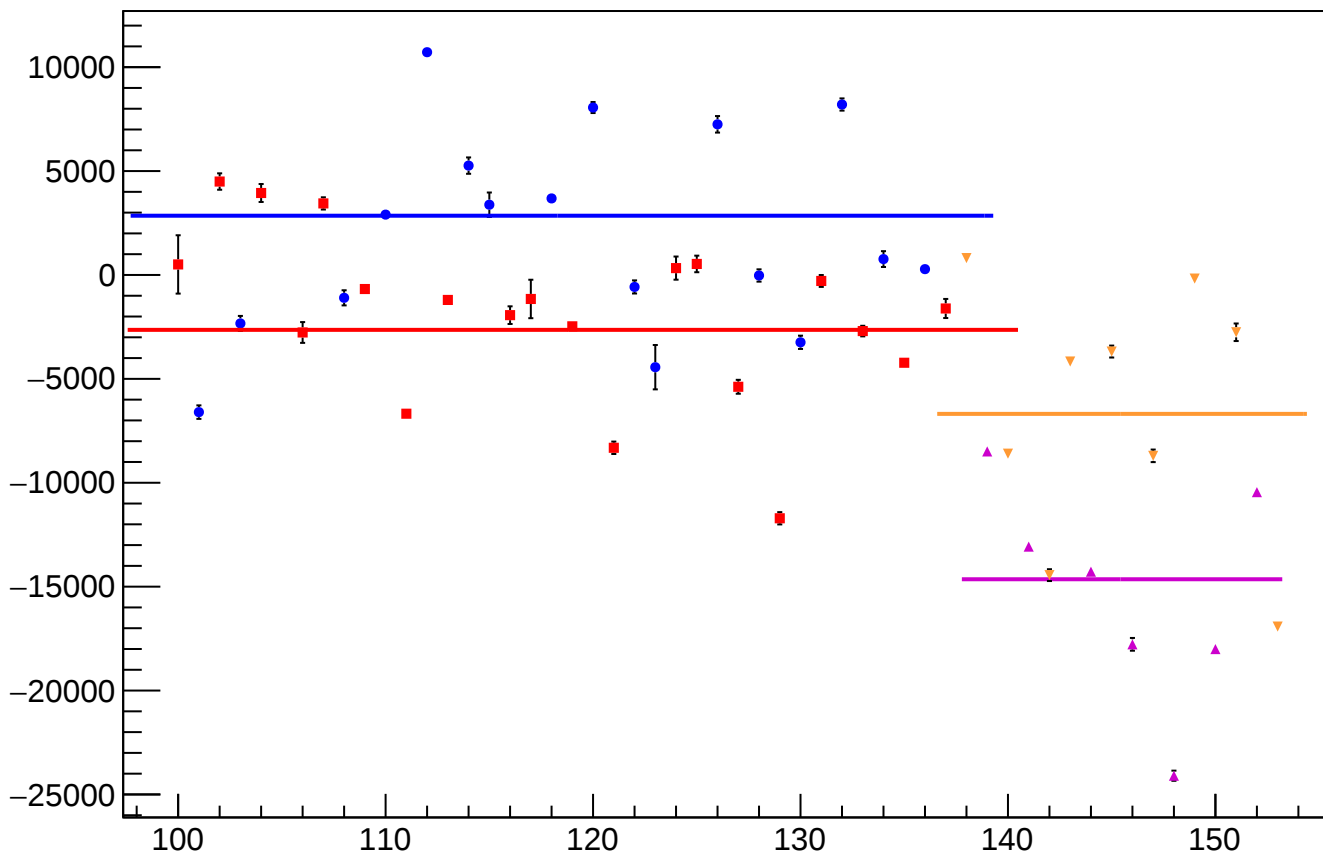
Left In: 198.106+/-0.061 χ^2/NDF : 247231.6/6

152.337+/-0.031 χ^2/NDF : 1917278.5/25

151.246+/-0.022 χ^2/NDF : 3830628.5/52

150.131+/-0.032 χ^2/NDF : 1910898.6/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437 $\pm$ 70.753 χ^2 /NDF: 4178.1/16

Left Out: -6685.300 $\pm$ 81.558 χ^2 /NDF:6127.2/8

Right Out: -2641.642 $\pm$ 65.566 χ^2 /NDF: 3178.3/19

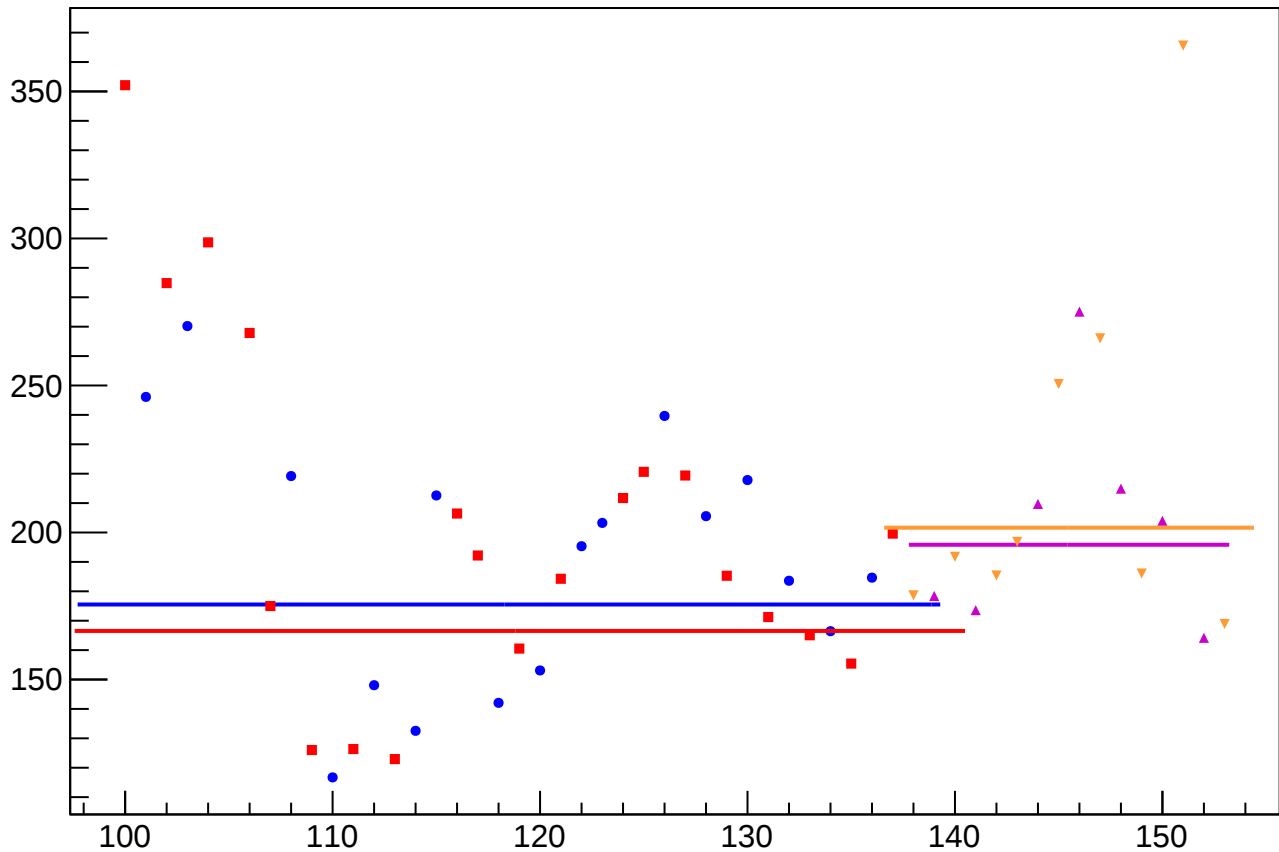
Left In: -14643.834 $\pm$ 85.919 χ^2 /NDF:3039.3/6

-1243.806 $\pm$ 53.445 χ^2 /NDF: 18107.0/25

-4224.061 $\pm$ 37.315 χ^2 /NDF: 42723.9/52

-7058.689 $\pm$ 52.123 χ^2 /NDF: 18549.8/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514 +/- 0.050 χ^2/NDF : 689642.3/16

Left Out: 201.637 +/- 0.058 χ^2/NDF : 552158.6/8

Right Out: 166.522 +/- 0.046 χ^2/NDF : 931079.9/19

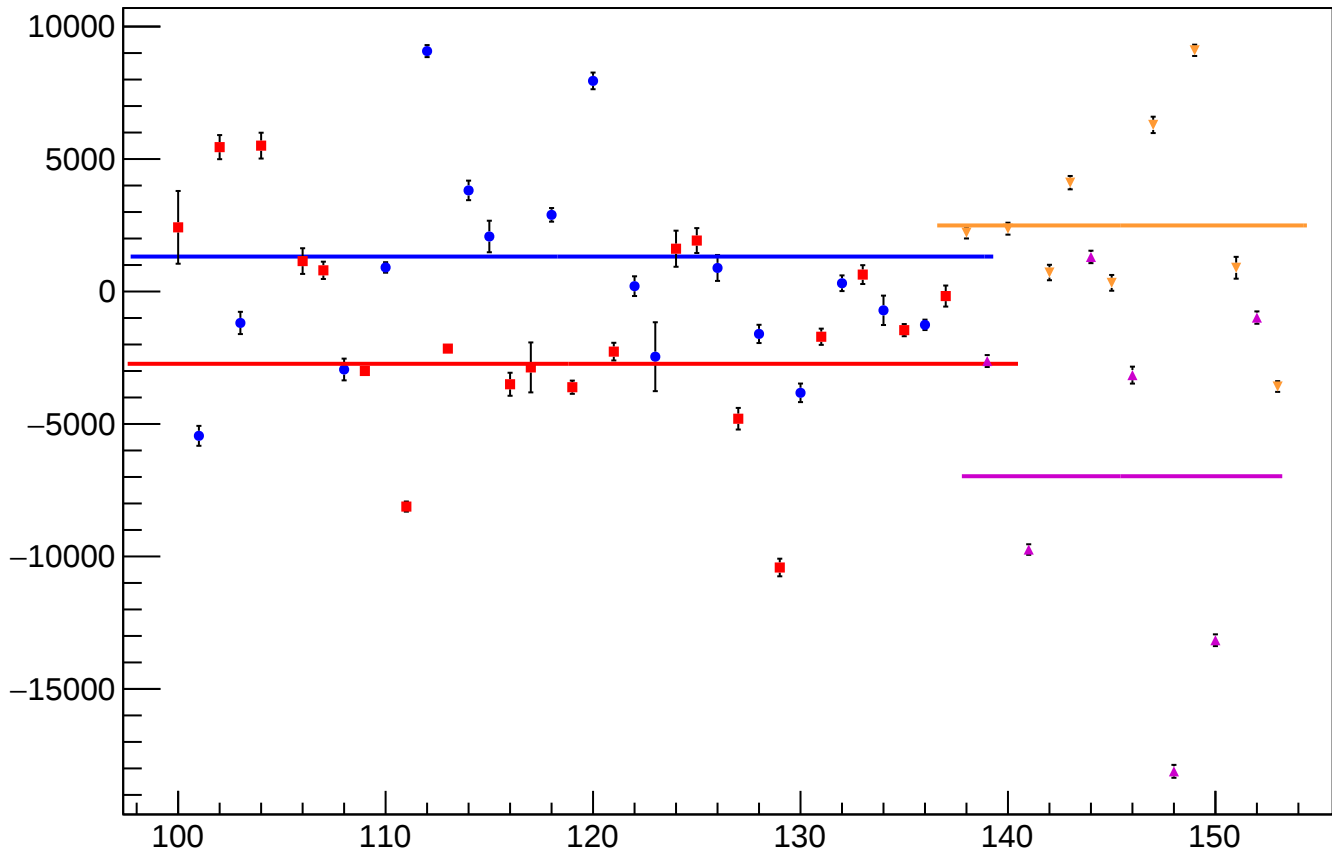
Left In: 195.832 +/- 0.061 χ^2/NDF : 234973.0/6

186.732 +/- 0.038 χ^2/NDF : 1358875.5/25

181.902 +/- 0.026 χ^2/NDF : 2703878.6/52

177.309 +/- 0.037 χ^2/NDF : 1313137.7/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009 $\pm$ 77.146 χ^2 /NDF: 2667.0/16

Left Out: 2493.393 $\pm$ 84.003 χ^2 /NDF:2160.3/8

Right Out: -2728.550 $\pm$ 69.837 χ^2 /NDF: 2495.9/19

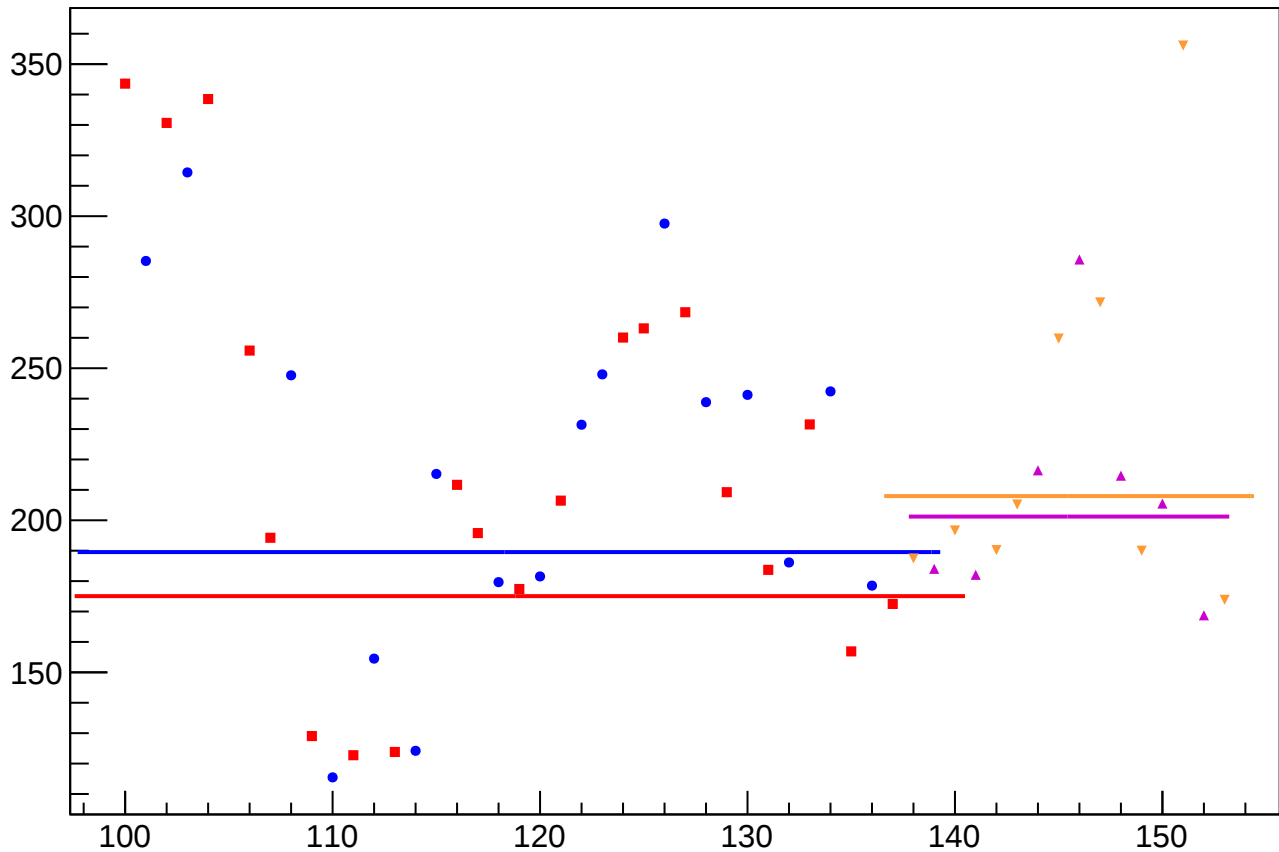
Left In: -6971.777 $\pm$ 88.297 χ^2 /NDF:5468.8/6

1856.317 $\pm$ 56.820 χ^2 /NDF: 4933.4/25

-1366.493 $\pm$ 39.435 χ^2 /NDF: 20525.6/52

-4361.473 $\pm$ 54.775 χ^2 /NDF: 9385.4/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 +/- 0.055 χ^2/NDF : 980744.6/16

Left Out: 207.960 +/- 0.059 χ^2/NDF : 504745.7/8

Right Out: 175.058 +/- 0.049 χ^2/NDF : 1298079.7/19

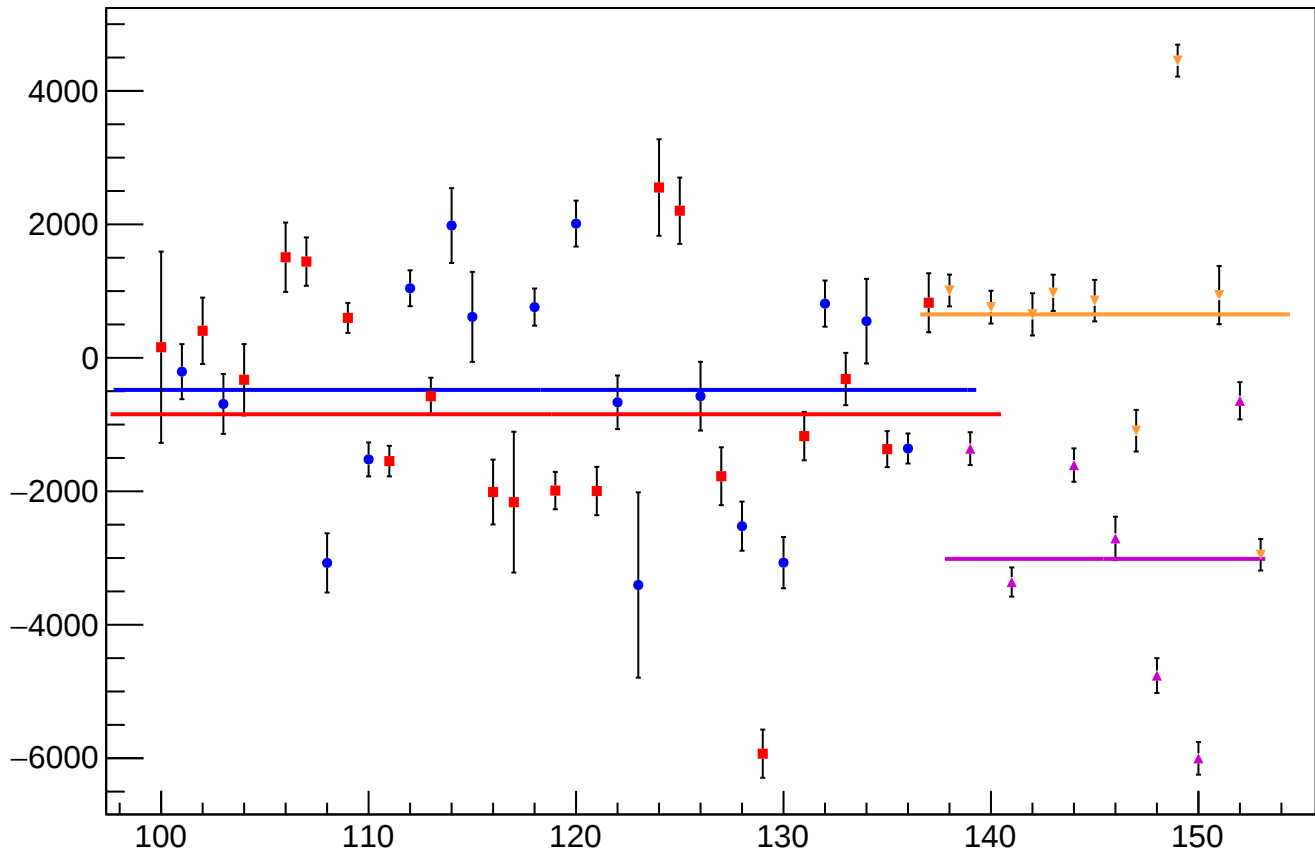
Left In: 201.221 +/- 0.062 χ^2/NDF : 223920.8/6

197.970 +/- 0.040 χ^2/NDF : 1537631.7/25

191.313 +/- 0.028 χ^2/NDF : 3220619.4/52

185.127 +/- 0.039 χ^2/NDF : 1630023.0/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578+/-88.640 χ^2/NDF : 290.7/16

Left Out: 651.018+/-91.652 χ^2/NDF : 521.5/8

Right Out: -845.444+/-81.995 χ^2/NDF : 436.9/19

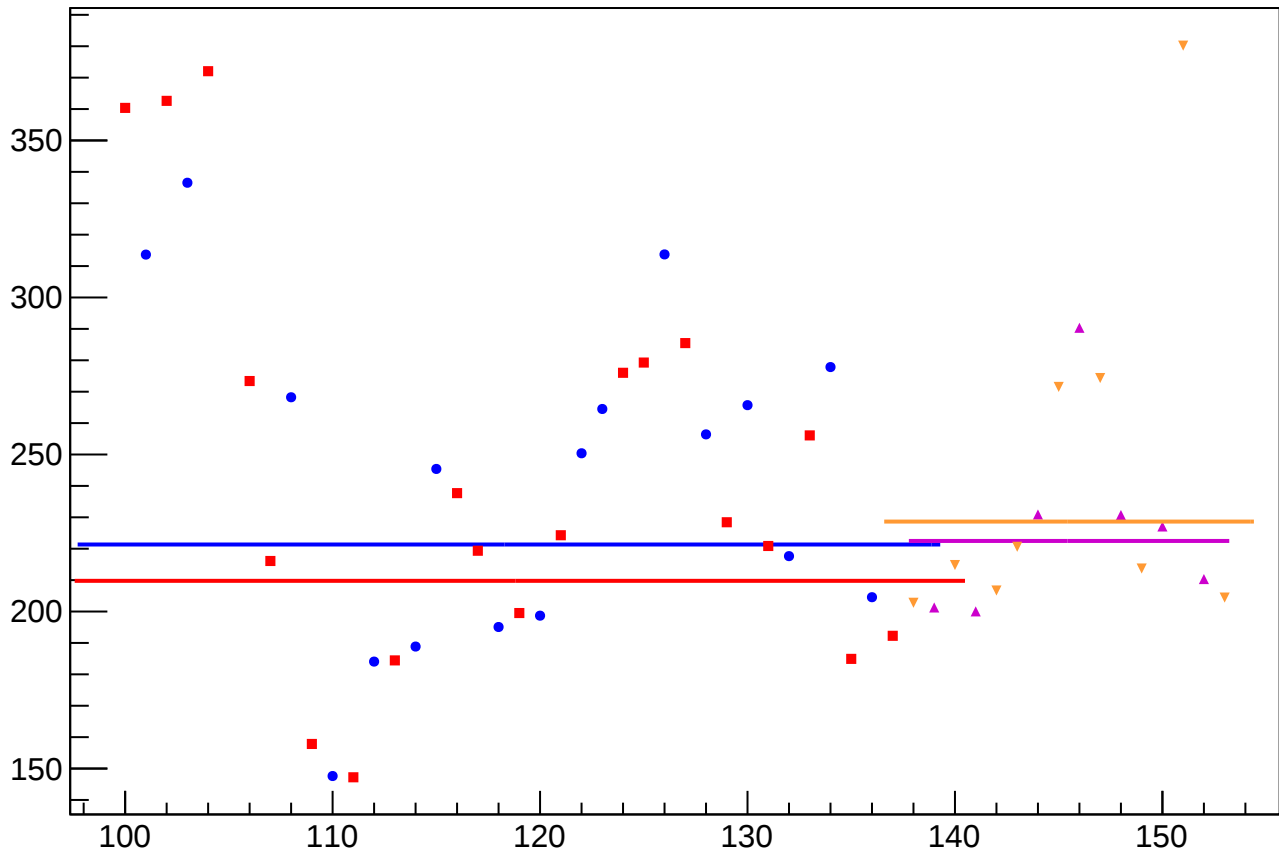
Left In: -3012.578+/-96.665 χ^2/NDF : 345.5/6

66.324+/-63.716 χ^2/NDF : 891.0/25

-860.056+/-44.629 χ^2/NDF : 2380.7/52

-1752.247+/-62.529 χ^2/NDF : 1074.7/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

Left Out: 228.645 $\pm$ 0.065 χ^2 /NDF: 392354.8/8

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

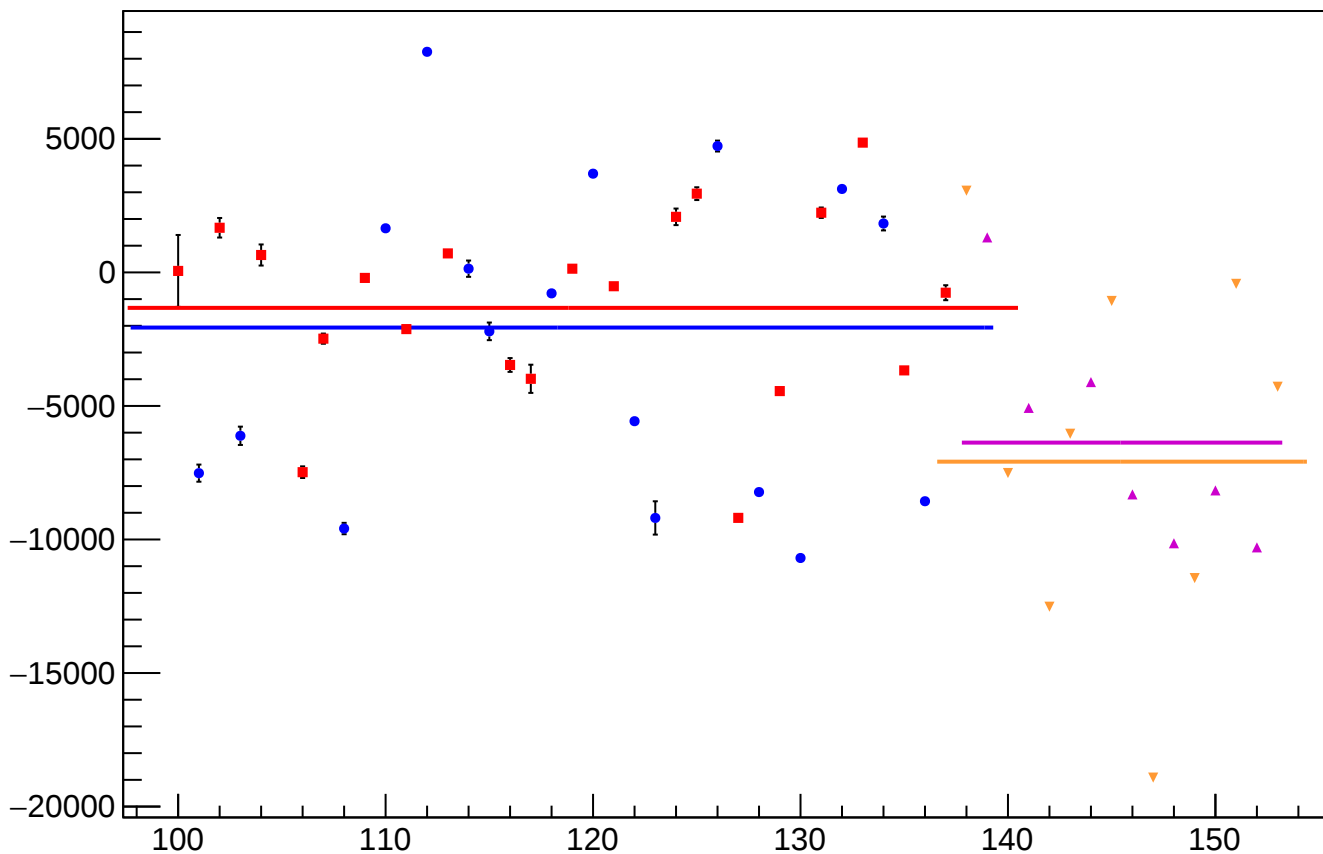
Left In: 222.474 $\pm$ 0.068 χ^2 /NDF: 131623.6/6

224.872 $\pm$ 0.045 χ^2 /NDF: 1044603.9/25

219.888 $\pm$ 0.032 χ^2 /NDF: 2104403.3/52

215.088 $\pm$ 0.044 χ^2 /NDF: 1035780.9/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160 $\pm$ 47.322 χ^2/NDF : 16533.3/16

Left Out: -7086.240 $\pm$ 44.415 χ^2/NDF : 22603.5/8

Right Out: -1327.819 $\pm$ 44.838 χ^2/NDF : 5919.9/19

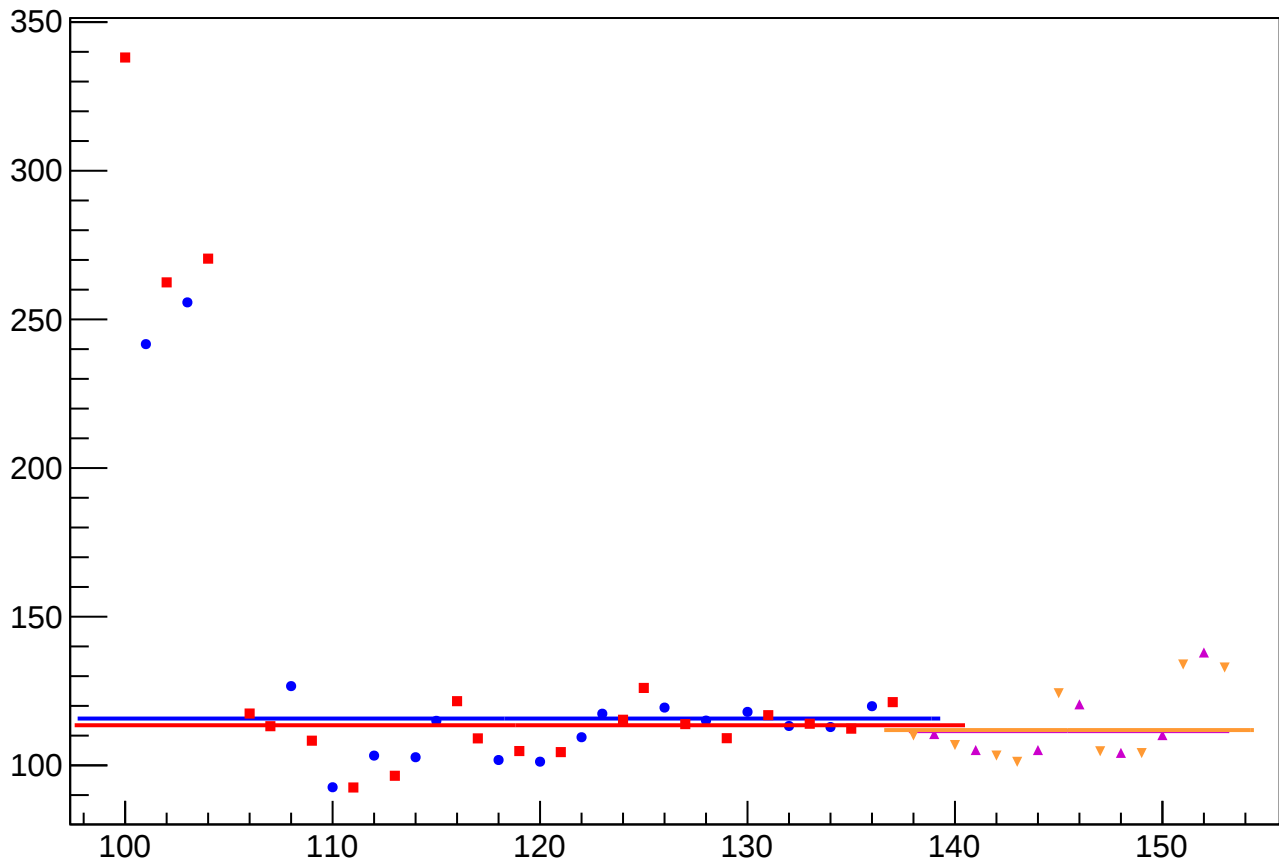
Left In: -6373.023 $\pm$ 47.423 χ^2/NDF : 5794.5/6

-4734.652 $\pm$ 32.385 χ^2/NDF : 45122.3/25

-4225.020 $\pm$ 22.969 χ^2/NDF : 63310.9/52

-3709.212 $\pm$ 32.581 χ^2/NDF : 17690.4/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741 ± 0.033 χ^2/NDF : 744017.7/16

Left Out: 111.864 ± 0.031 χ^2/NDF : 137245.5/8

Right Out: 113.487 ± 0.032 χ^2/NDF : 796781.7/19

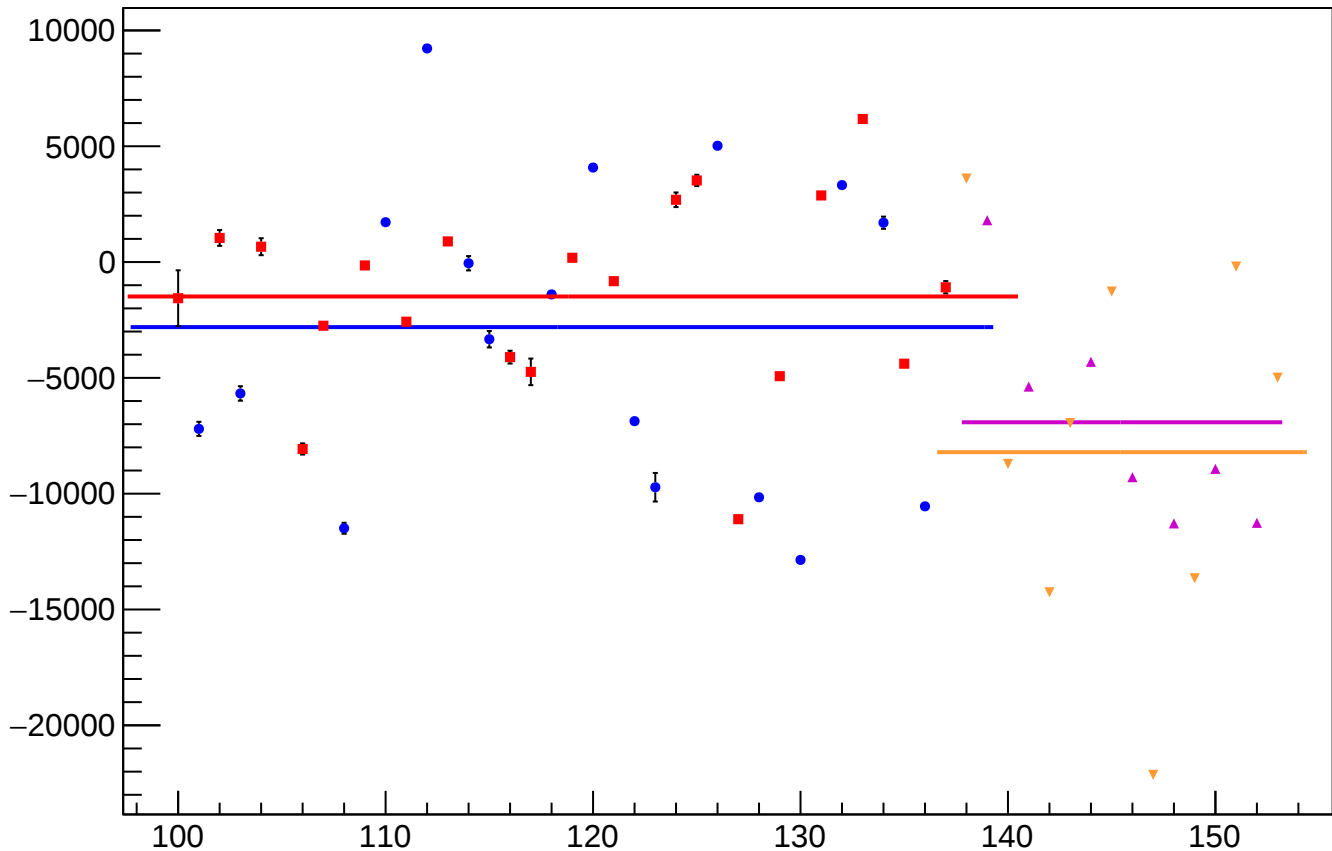
Left In: 111.510 ± 0.034 χ^2/NDF : 89487.0/6

113.680 ± 0.023 χ^2/NDF : 888398.9/25

113.120 ± 0.016 χ^2/NDF : 1777702.8/52

112.554 ± 0.023 χ^2/NDF : 888103.3/26

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101 ± 48.284 $\chi^2/\text{NDF}: 21263.1/16$

Left Out: -8206.540 ± 47.729 $\chi^2/\text{NDF}: 26871.4/8$

Right Out: -1486.369 ± 46.243 $\chi^2/\text{NDF}: 8037.1/19$

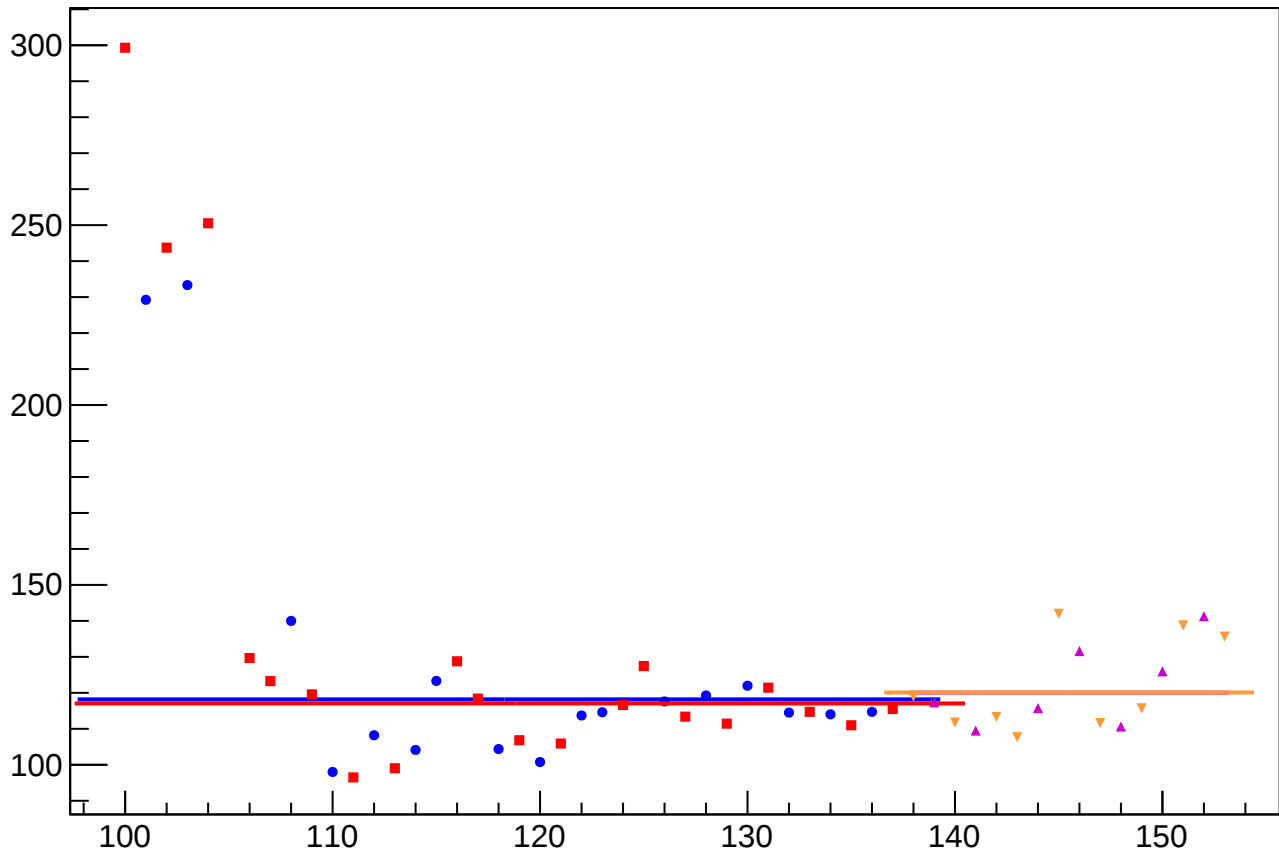
Left In: -6916.891 ± 51.099 $\chi^2/\text{NDF}: 6646.6/6$

-5539.046 ± 33.944 $\chi^2/\text{NDF}: 54454.7/25$

-4743.315 ± 24.123 $\chi^2/\text{NDF}: 76457.7/52$

-3931.404 ± 34.288 $\chi^2/\text{NDF}: 20892.8/26$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.188 +/- 0.034 χ^2/NDF : 636252.0/16

Left Out: 120.100 +/- 0.034 χ^2/NDF : 124341.2/8

Right Out: 117.054 +/- 0.033 χ^2/NDF : 690646.8/19

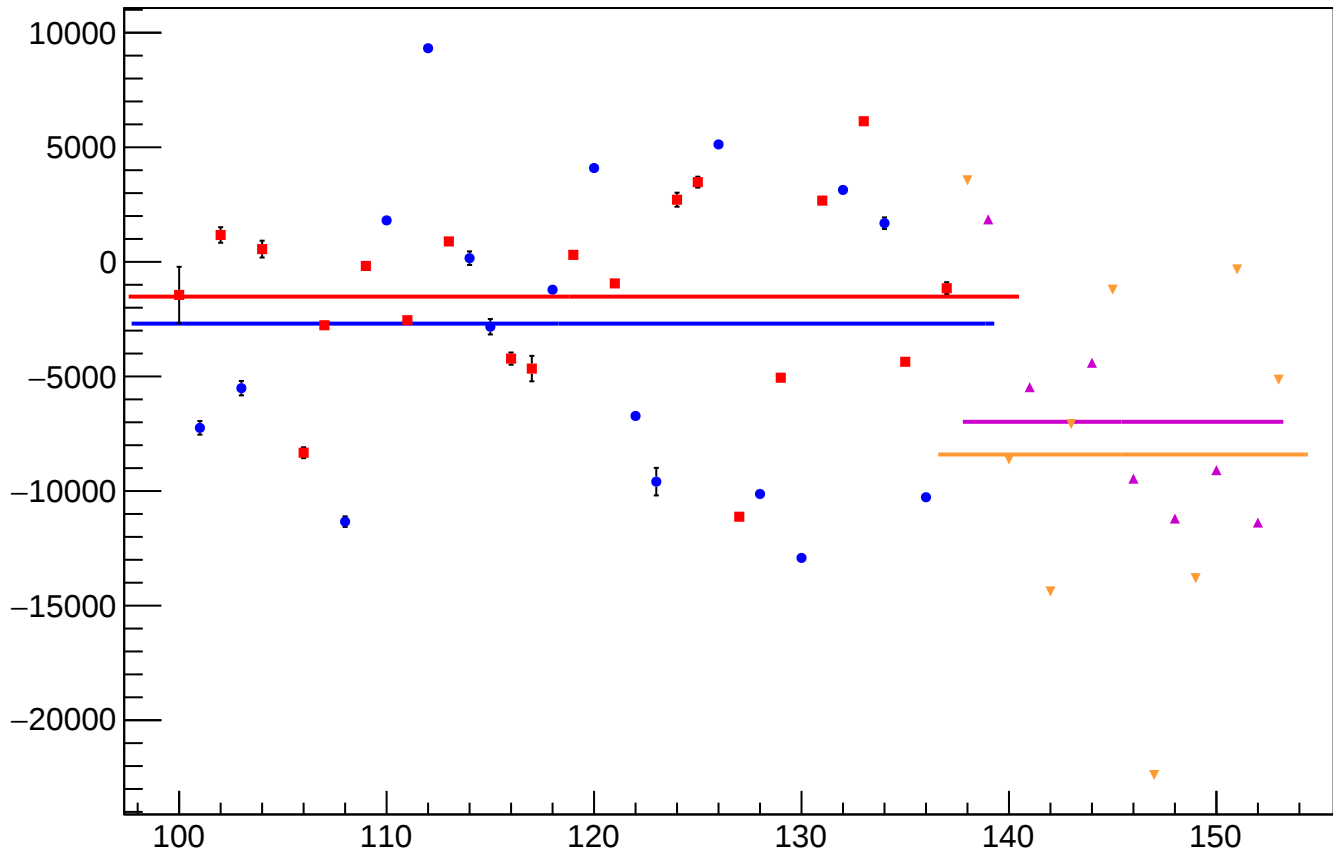
Left In: 120.057 +/- 0.036 χ^2/NDF : 82777.8/6

119.155 +/- 0.024 χ^2/NDF : 762179.9/25

118.785 +/- 0.017 χ^2/NDF : 1539883.6/52

118.406 +/- 0.024 χ^2/NDF : 777221.8/26

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2694.260+/-46.347 χ^2/NDF : 22860.3/16

Left Out: -8404.050+/-46.288 χ^2/NDF : 29500.4/8

Right Out: -1515.863+/-44.303 χ^2/NDF : 8749.3/19

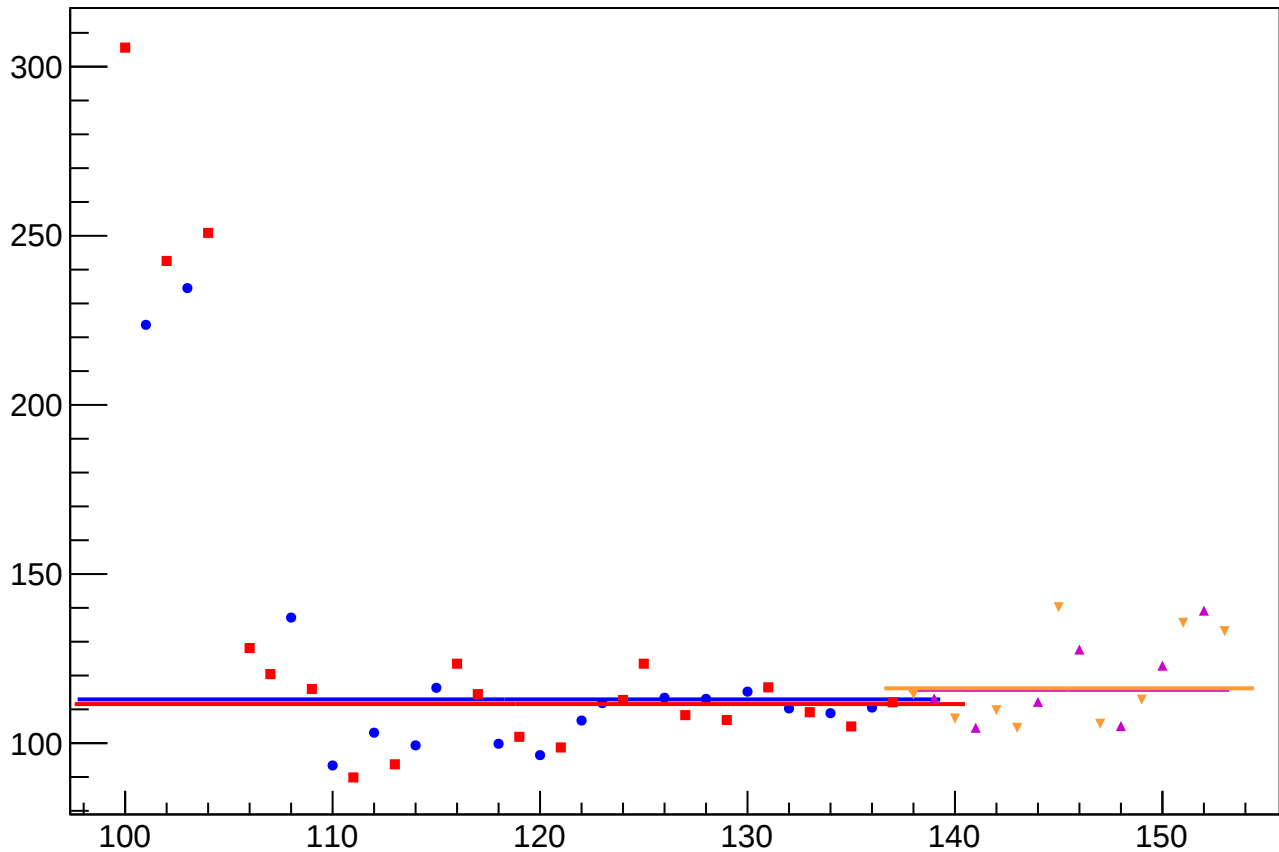
Left In: -6978.622+/-49.404 χ^2/NDF : 7181.8/6

-5552.781+/-32.752 χ^2/NDF : 59959.0/25

-4757.426+/-23.240 χ^2/NDF : 83854.9/52

-3950.773+/-32.983 χ^2/NDF : 22708.0/26

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940 $\pm$ 0.033 χ^2 /NDF: 680283.1/16

Left Out: 116.213 $\pm$ 0.033 χ^2 /NDF:146851.5/8

Right Out: 111.562 $\pm$ 0.031 χ^2 /NDF: 765559.1/19

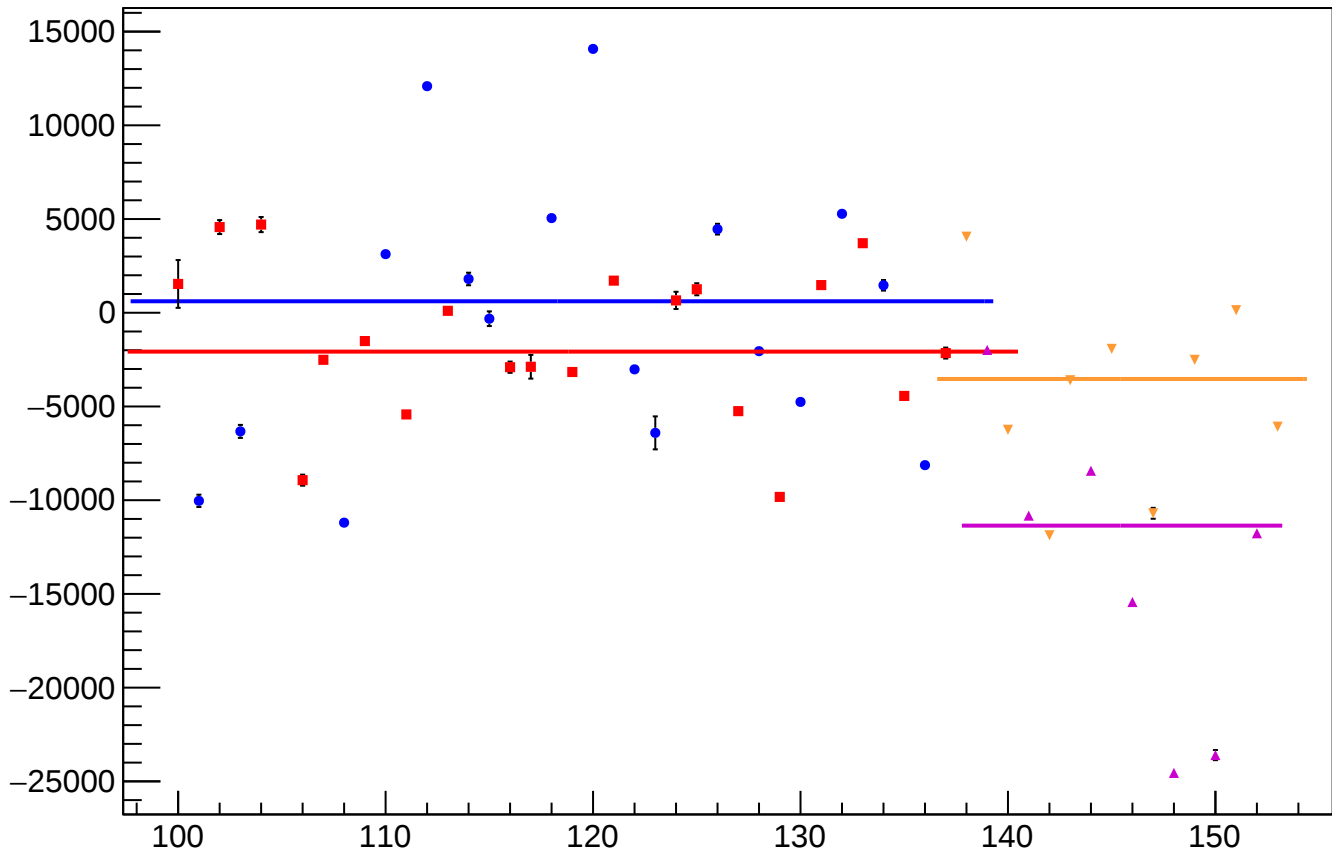
Left In: 115.790 $\pm$ 0.035 χ^2 /NDF:103363.4/6

114.579 $\pm$ 0.023 χ^2 /NDF: 832128.2/25

114.017 $\pm$ 0.016 χ^2 /NDF: 1710356.0/52

113.447 $\pm$ 0.023 χ^2 /NDF: 877041.4/26

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621 ± 56.062 χ^2/NDF : 18243.4/16

Left Out: -3532.270 ± 63.392 χ^2/NDF : 5229.7/8

Right Out: -2073.278 ± 53.736 χ^2/NDF : 4644.3/19

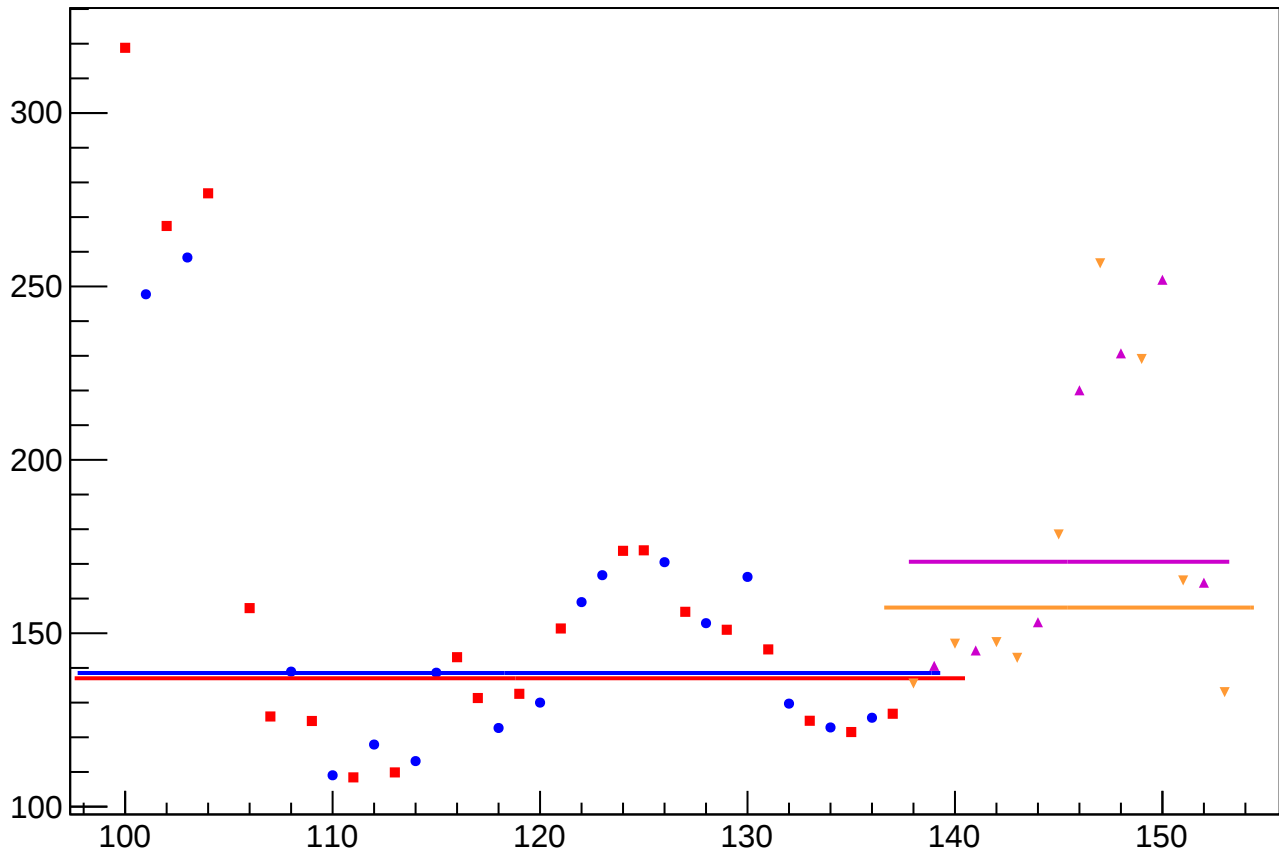
Left In: -11356.768 ± 74.105 χ^2/NDF : 8098.3/6

-1206.440 ± 41.995 χ^2/NDF : 25872.1/25

-3167.807 ± 30.214 χ^2/NDF : 53422.2/52

-5272.502 ± 43.502 χ^2/NDF : 23028.1/26

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.542 $\pm$ 0.040 χ^2 /NDF: 668941.7/16

Left Out: 157.410 $\pm$ 0.045 χ^2 /NDF: 529291.7/8

Right Out: 137.019 $\pm$ 0.038 χ^2 /NDF: 755655.0/19

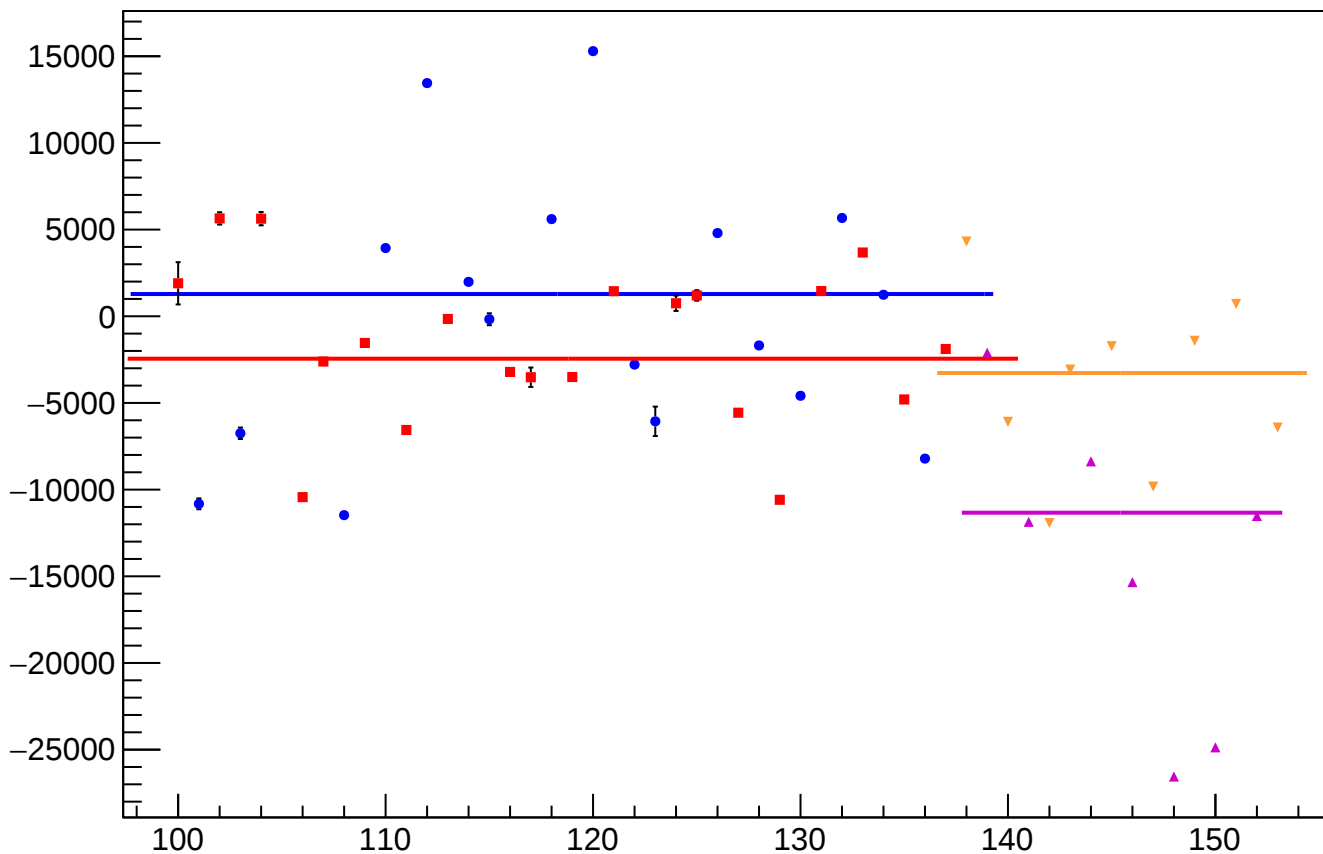
Left In: 170.615 $\pm$ 0.052 χ^2 /NDF: 502510.5/6

146.822 $\pm$ 0.030 χ^2 /NDF: 1297660.2/25

147.678 $\pm$ 0.021 χ^2 /NDF: 2826952.9/52

148.597 $\pm$ 0.031 χ^2 /NDF: 1527570.0/26

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 1282.978 ± 46.572 χ^2/NDF : 30540.8/16

Left Out: -3272.590 ± 56.445 χ^2/NDF : 7100.6/8

Right Out: -2446.970 ± 44.148 χ^2/NDF : 7681.2/19

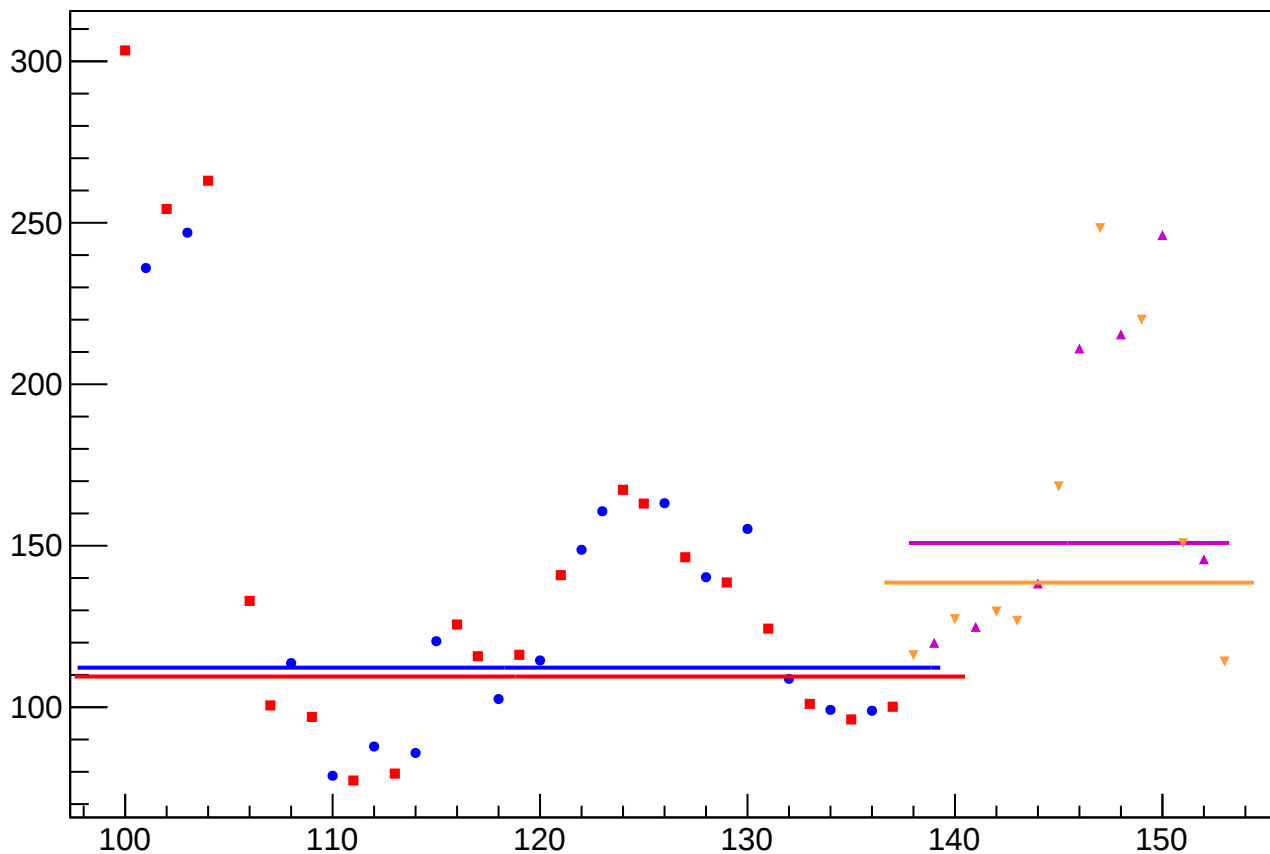
Left In: -11330.611 ± 66.516 χ^2/NDF : 10961.5/6

-562.192 ± 35.923 χ^2/NDF : 41516.9/25

-2808.479 ± 25.700 χ^2/NDF : 80551.8/52

-5163.631 ± 36.783 χ^2/NDF : 31025.2/26

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.251+/-0.033 χ^2/NDF : 1125537.4/16

Left Out: 138.583+/-0.040 χ^2/NDF : 732038.1/8

Right Out: 109.500+/-0.031 χ^2/NDF : 1269887.8/19

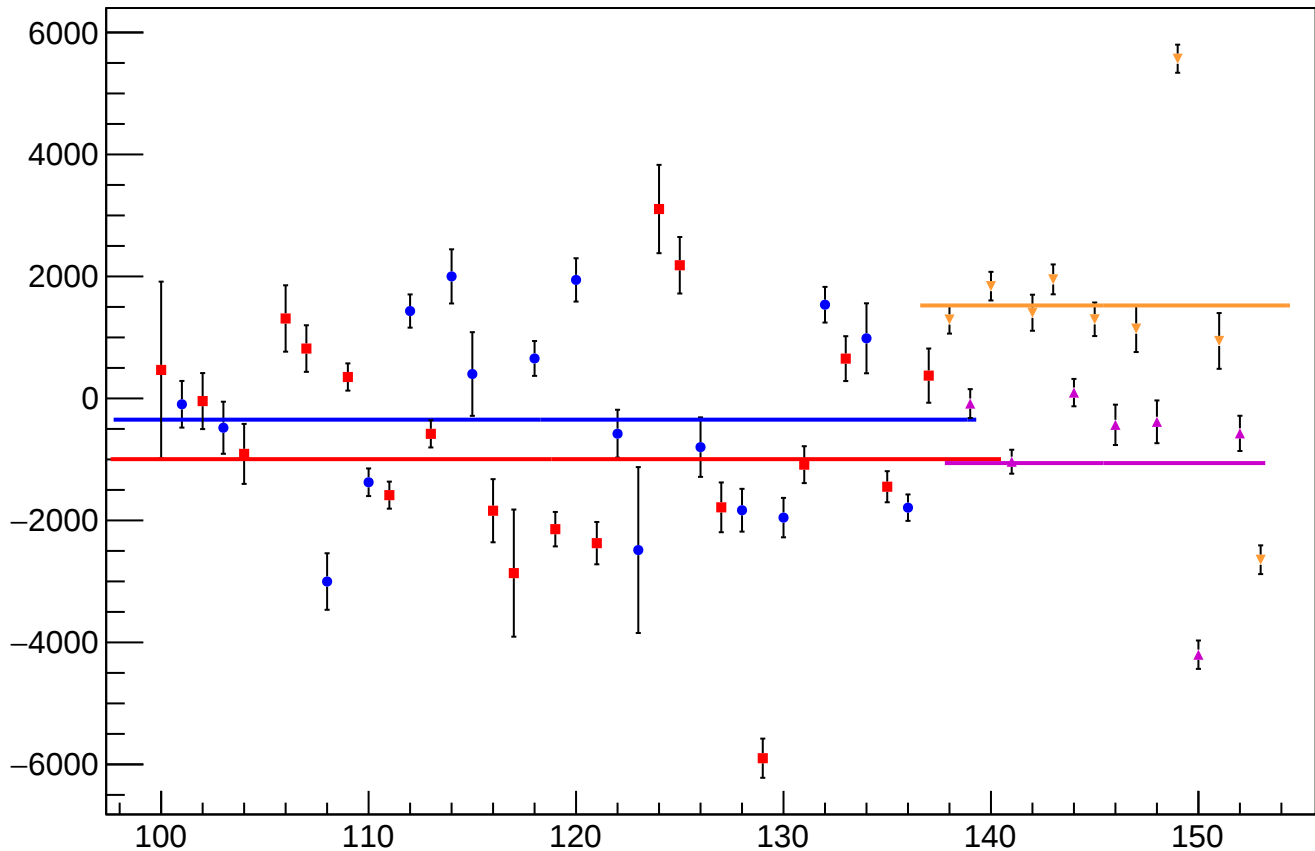
Left In: 150.859+/-0.047 χ^2/NDF : 701211.5/6

122.916+/-0.025 χ^2/NDF : 2116553.2/25

122.541+/-0.018 χ^2/NDF : 4624904.7/52

122.148+/-0.026 χ^2/NDF : 2507904.4/26

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -348.055+/-83.826 χ^2/NDF : 317.3/16

Left Out: 1524.263+/-88.858 χ^2/NDF : 630.8/8

Right Out: -995.622+/-77.468 χ^2/NDF : 479.8/19

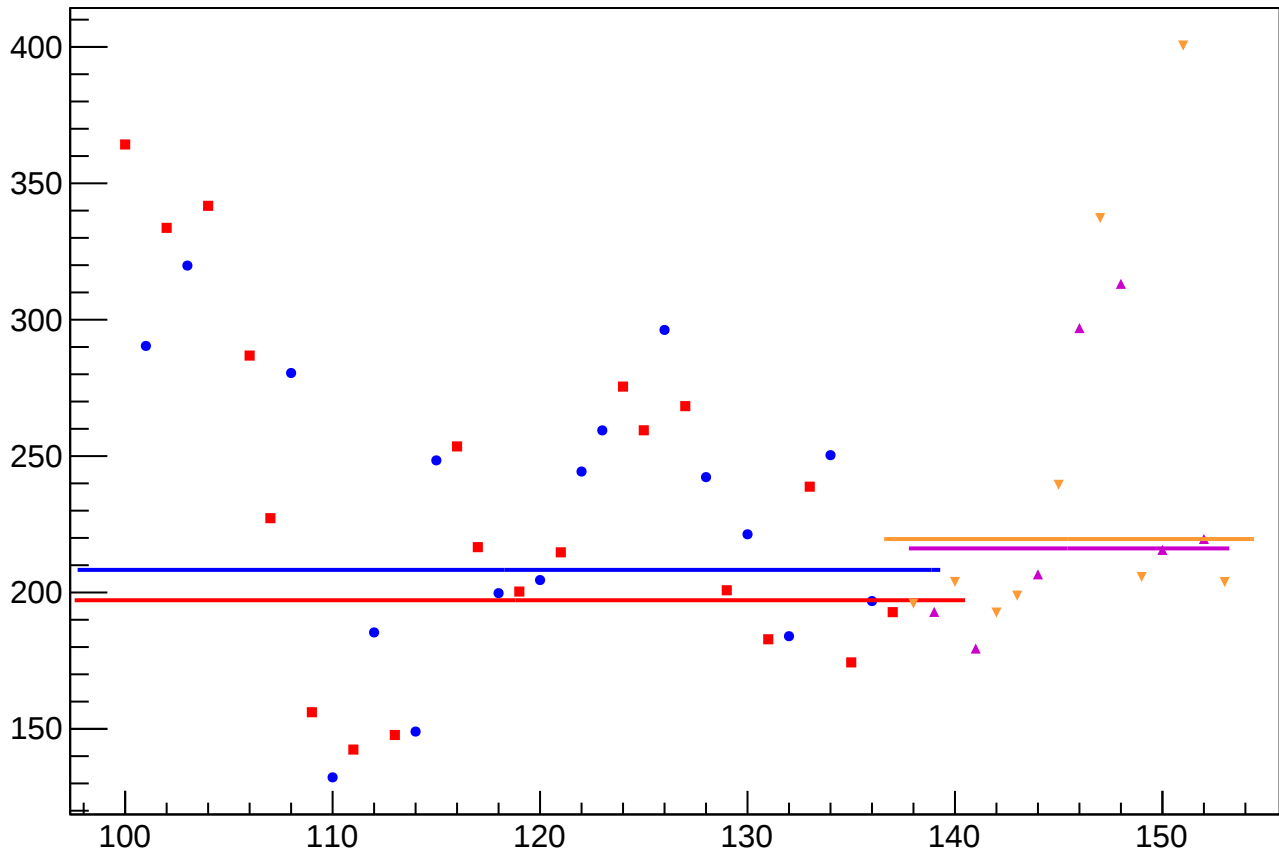
Left In: -1059.830+/-94.713 χ^2/NDF : 236.1/6

533.597+/-60.975 χ^2/NDF : 1183.0/25

-256.877+/-42.754 χ^2/NDF : 2229.8/52

-1021.359+/-59.965 χ^2/NDF : 716.1/26

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.288 $\pm$ 0.059 χ^2 /NDF: 698491.0/16

Left Out: 219.594 $\pm$ 0.063 χ^2 /NDF: 589031.2/8

Right Out: 197.159 $\pm$ 0.055 χ^2 /NDF: 927487.8/19

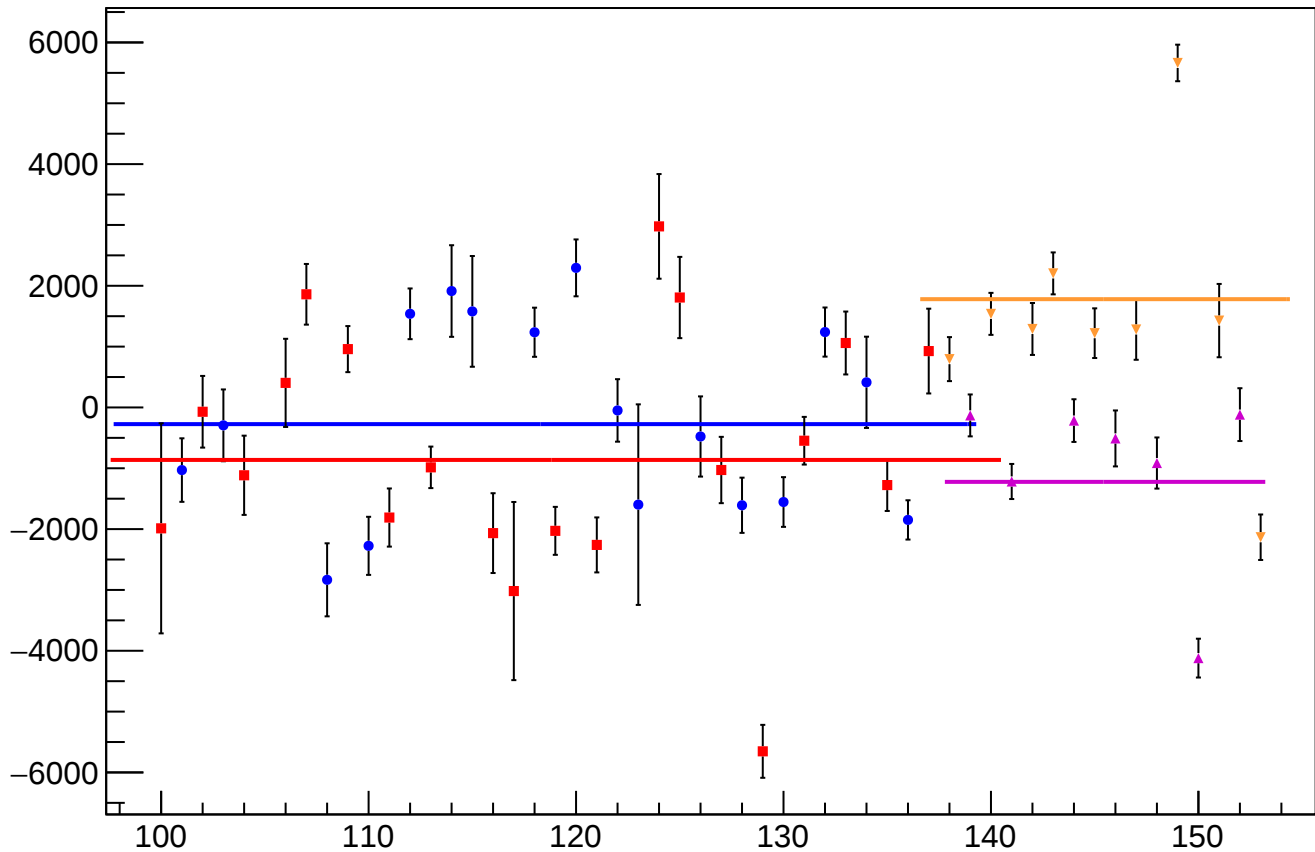
Left In: 216.158 $\pm$ 0.067 χ^2 /NDF: 365574.2/6

213.612 $\pm$ 0.043 χ^2 /NDF: 1304655.1/25

209.119 $\pm$ 0.030 χ^2 /NDF: 2667290.5/52

204.775 $\pm$ 0.042 χ^2 /NDF: 1341282.2/26

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -274.260 ± 121.326 $\chi^2/\text{NDF}: 171.6/16$

Left Out: 1779.903 ± 128.090 $\chi^2/\text{NDF}: 290.5/8$

Right Out: -862.791 ± 114.993 $\chi^2/\text{NDF}: 265.4/19$

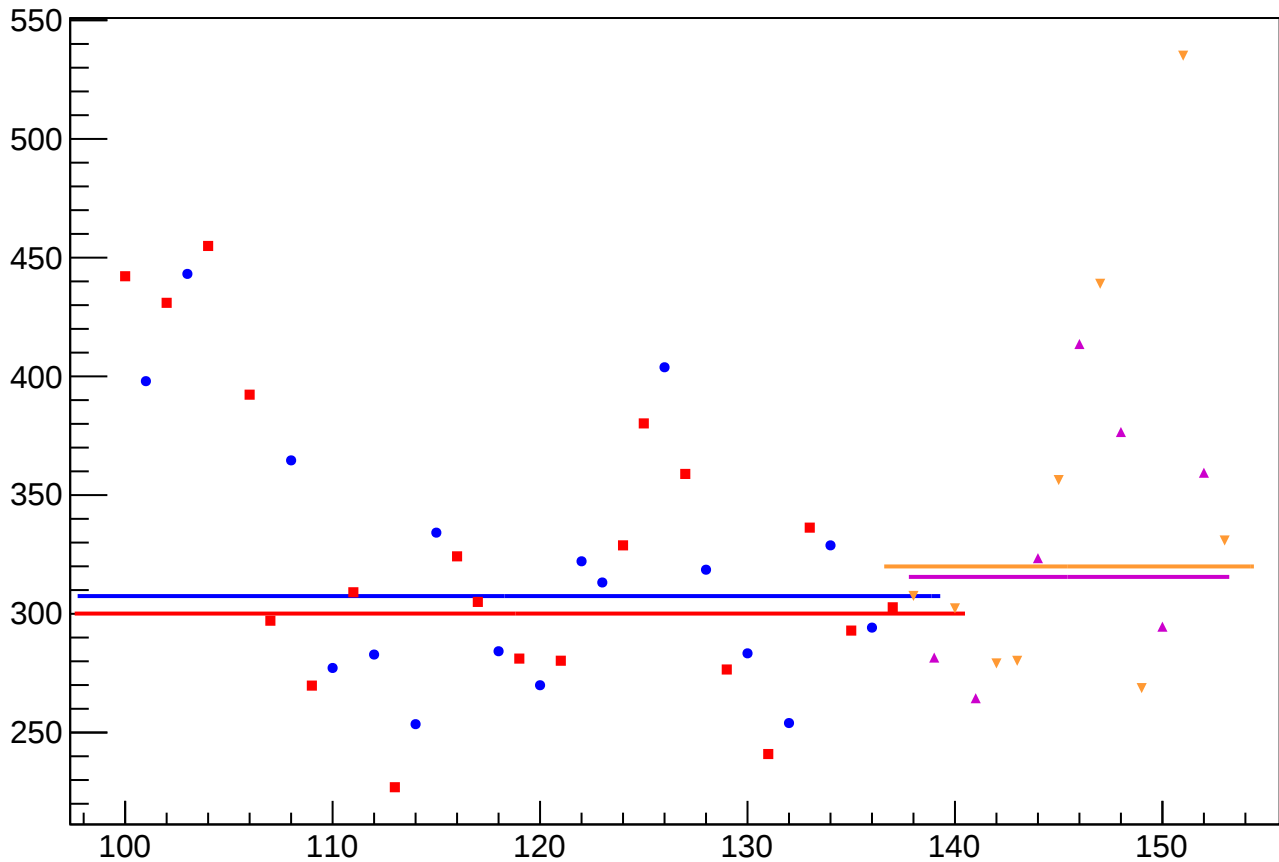
Left In: -1223.401 ± 135.957 $\chi^2/\text{NDF}: 110.2/6$

697.155 ± 88.084 $\chi^2/\text{NDF}: 597.6/25$

-160.788 ± 62.184 $\chi^2/\text{NDF}: 1166.5/52$

-1013.179 ± 87.799 $\chi^2/\text{NDF}: 379.8/26$

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 307.468 $\pm$ 0.086 χ^2 /NDF: 323096.7/16

Left Out: 319.945 $\pm$ 0.091 χ^2 /NDF: 497390.0/8

Right Out: 300.100 $\pm$ 0.081 χ^2 /NDF: 490421.6/19

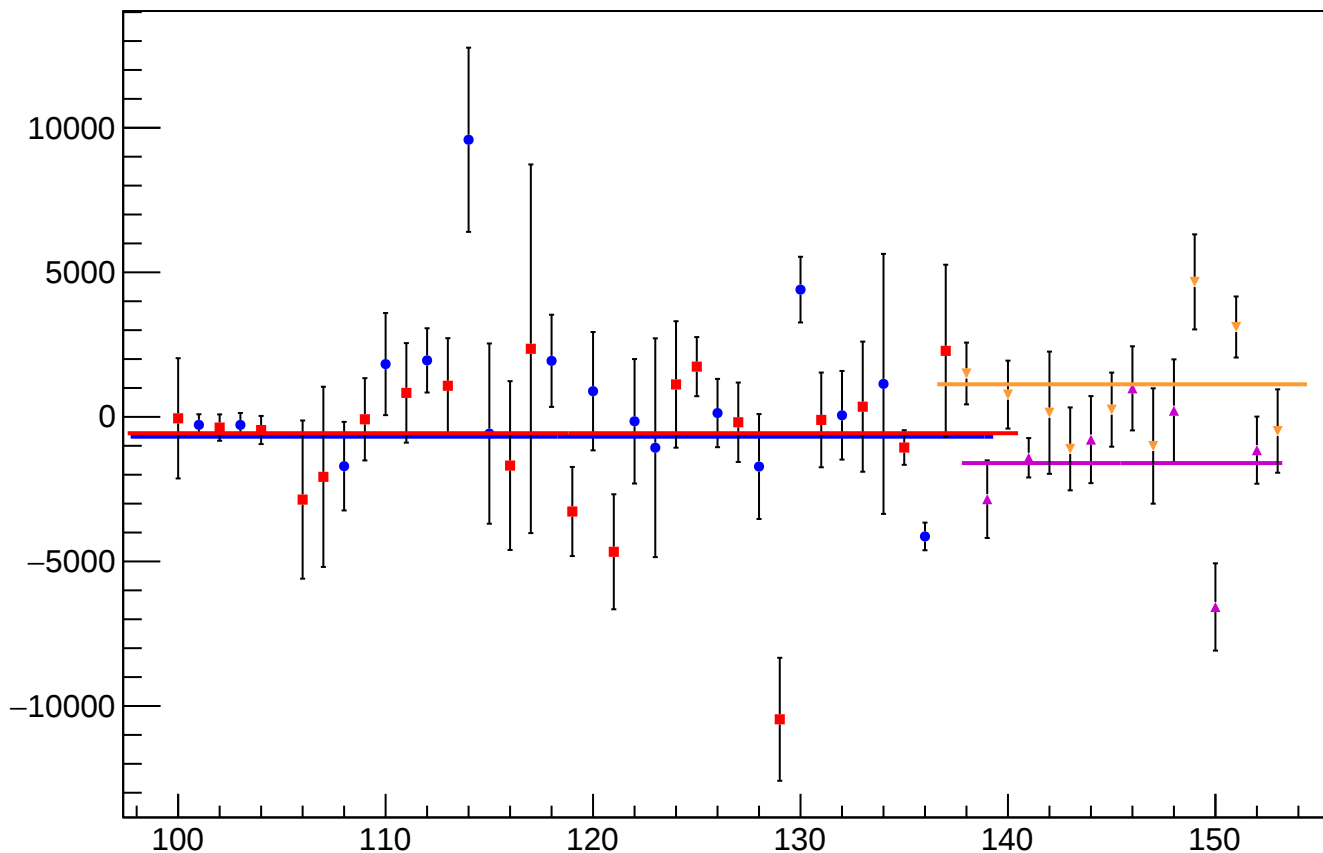
Left In: 315.545 $\pm$ 0.096 χ^2 /NDF: 245455.9/6

313.368 $\pm$ 0.062 χ^2 /NDF: 830489.5/25

309.944 $\pm$ 0.044 χ^2 /NDF: 1587440.4/52

306.541 $\pm$ 0.062 χ^2 /NDF: 750924.0/26

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -685.056+/-210.341 χ^2/NDF : 97.4/16

Left Out: 1127.952+/-450.939 χ^2/NDF :13.9/8

Right Out: -564.400+/-243.074 χ^2/NDF : 39.9/19

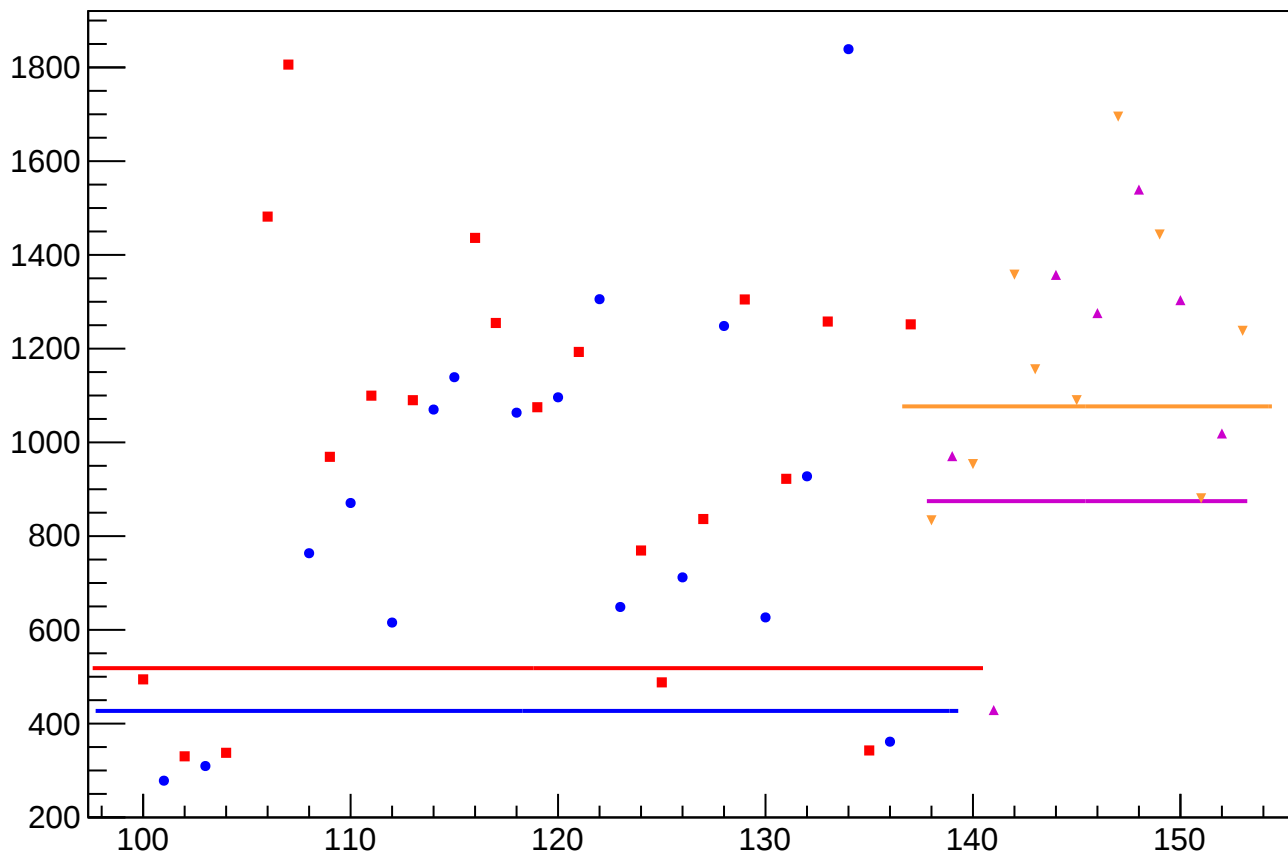
Left In: -1597.216+/-441.658 χ^2/NDF :16.5/6

-361.078+/-190.623 χ^2/NDF : 124.5/25

-558.336+/-142.031 χ^2/NDF : 187.5/52

-804.513+/-212.953 χ^2/NDF : 60.6/26

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.079+/-0.149 χ^2/NDF : 2865678.7/16

Left Out: 1076.807+/-0.319 χ^2/NDF : 552619.1/8

Right Out: 518.306+/-0.172 χ^2/NDF : 3631833.9/19

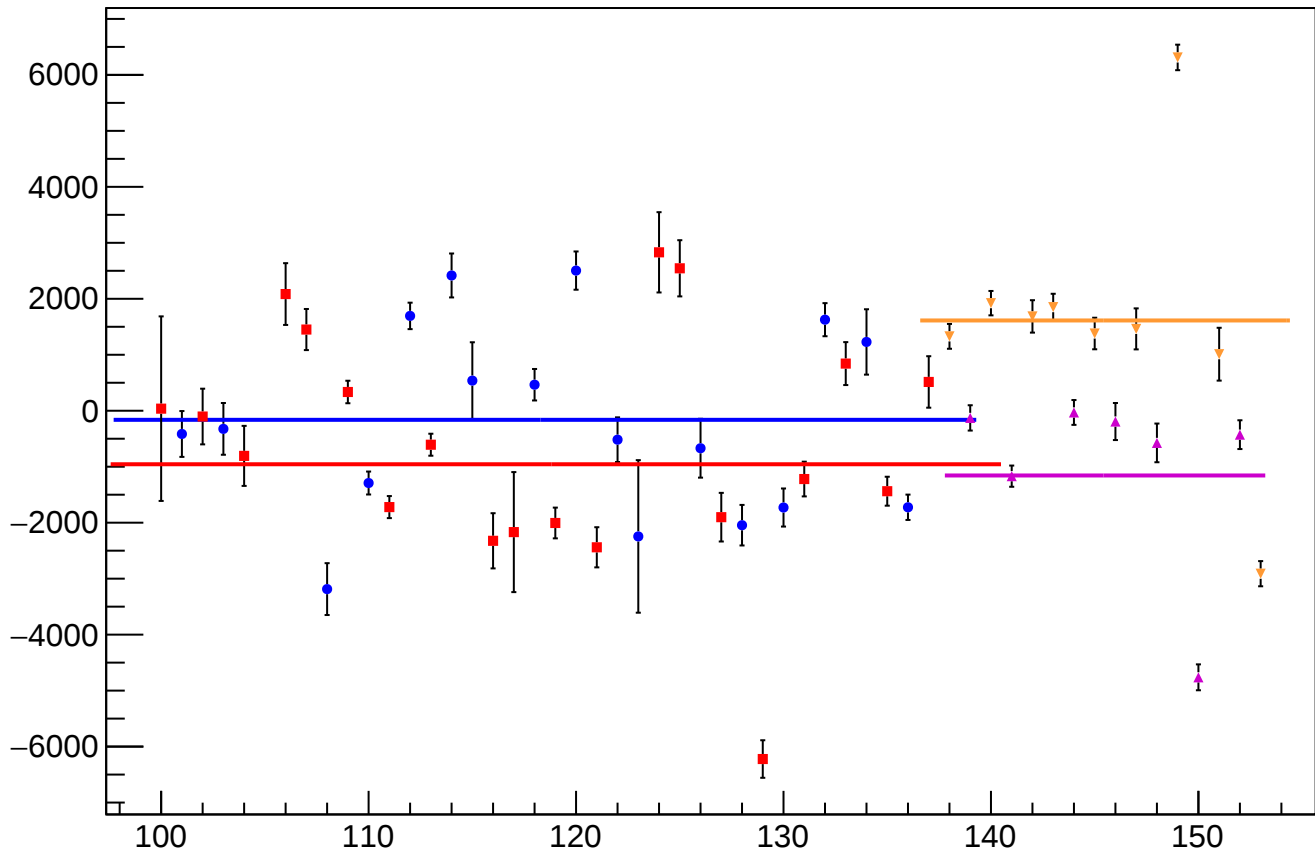
Left In: 874.658+/-0.312 χ^2/NDF : 1698661.9/6

543.183+/-0.135 χ^2/NDF : 6828356.1/25

568.970+/-0.100 χ^2/NDF : 13240442.2/52

601.152+/-0.151 χ^2/NDF : 6329809.4/26

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -162.333 ± 82.350 $\chi^2/\text{NDF}: 387.6/16$

Left Out: 1612.788 ± 86.244 $\chi^2/\text{NDF}: 836.6/8$

Right Out: -956.044 ± 74.949 $\chi^2/\text{NDF}: 541.1/19$

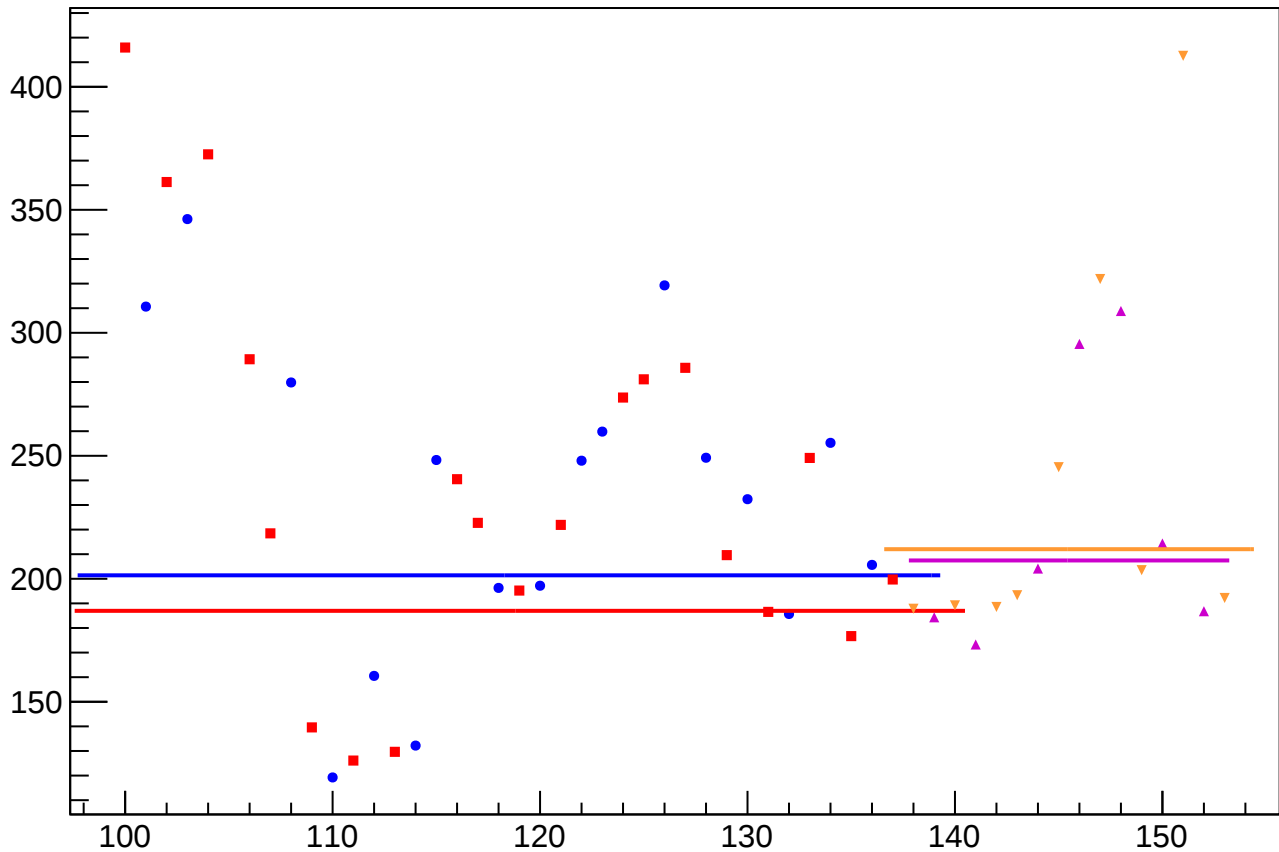
Left In: -1156.485 ± 91.662 $\chi^2/\text{NDF}: 308.6/6$

684.250 ± 59.559 $\chi^2/\text{NDF}: 1445.8/25$

-198.546 ± 41.561 $\chi^2/\text{NDF}: 2726.6/52$

-1036.359 ± 58.022 $\chi^2/\text{NDF}: 852.6/26$

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.409 +/- 0.058 χ^2/NDF : 1056022.1/16

Left Out: 212.033 +/- 0.061 χ^2/NDF : 658608.1/8

Right Out: 186.973 +/- 0.053 χ^2/NDF : 1395397.8/19

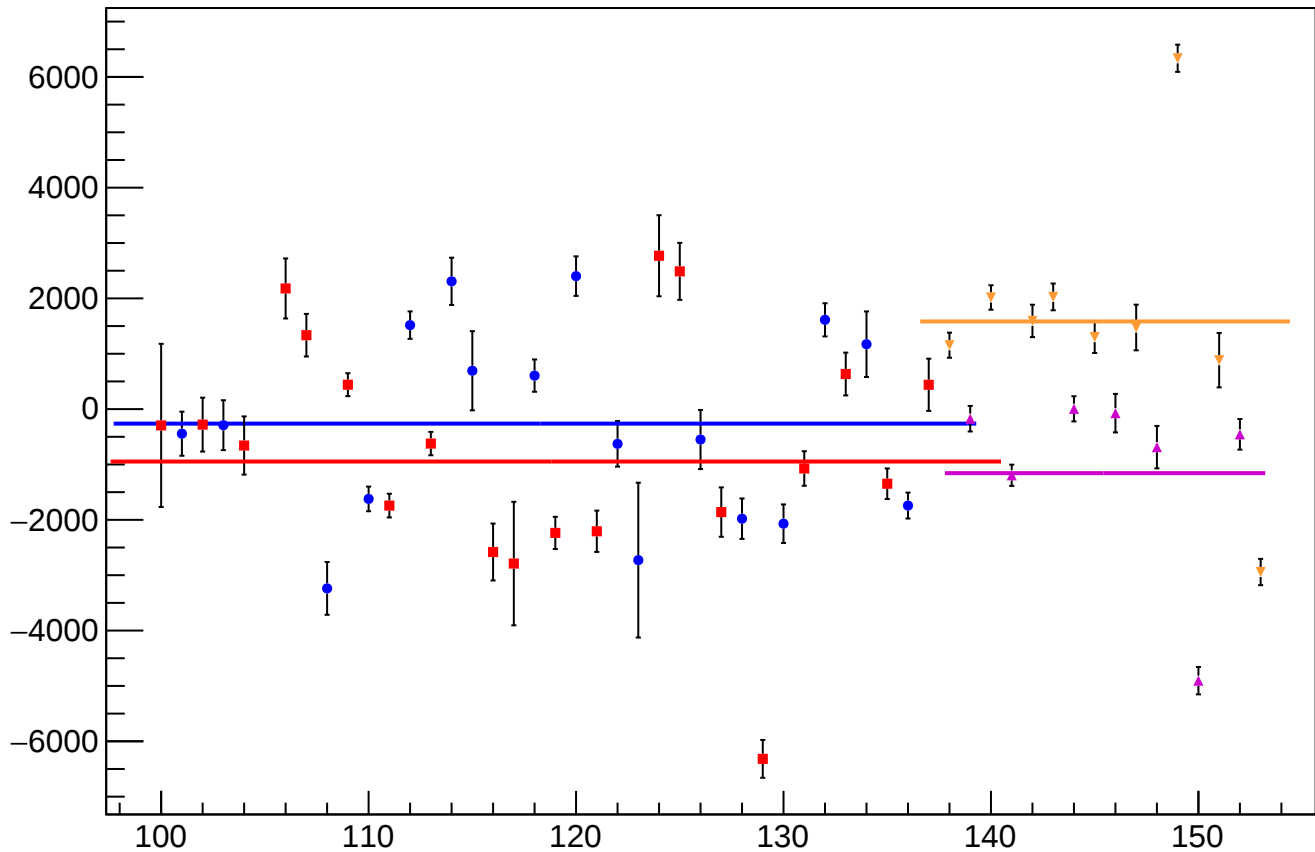
Left In: 207.452 +/- 0.065 χ^2/NDF : 414722.6/6

206.476 +/- 0.042 χ^2/NDF : 1730503.7/25

200.680 +/- 0.029 χ^2/NDF : 3637371.6/52

195.179 +/- 0.041 χ^2/NDF : 1869951.0/26

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -262.324 ± 85.433 $\chi^2/\text{NDF}: 368.7/16$

Left Out: 1583.511 ± 89.355 $\chi^2/\text{NDF}: 750.7/8$

Right Out: -946.785 ± 78.241 $\chi^2/\text{NDF}: 524.6/19$

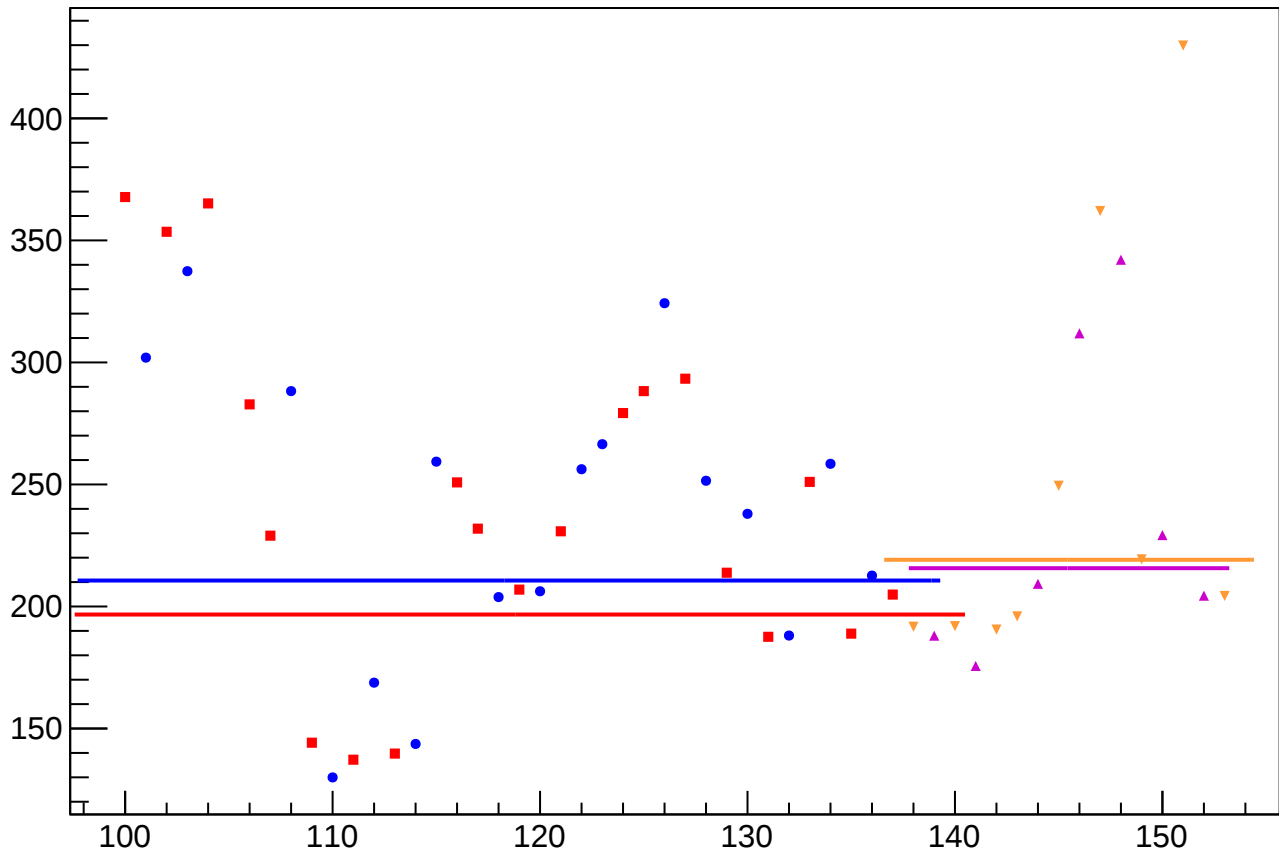
Left In: -1156.628 ± 95.458 $\chi^2/\text{NDF}: 291.5/6$

619.198 ± 61.750 $\chi^2/\text{NDF}: 1342.3/25$

-222.669 ± 43.220 $\chi^2/\text{NDF}: 2525.7/52$

-1031.109 ± 60.512 $\chi^2/\text{NDF}: 819.1/26$

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636 ± 0.060 $\chi^2/\text{NDF}: 875776.4/16$

Left Out: 219.149 ± 0.063 $\chi^2/\text{NDF}: 735575.1/8$

Right Out: 196.702 ± 0.055 $\chi^2/\text{NDF}: 1207089.6/19$

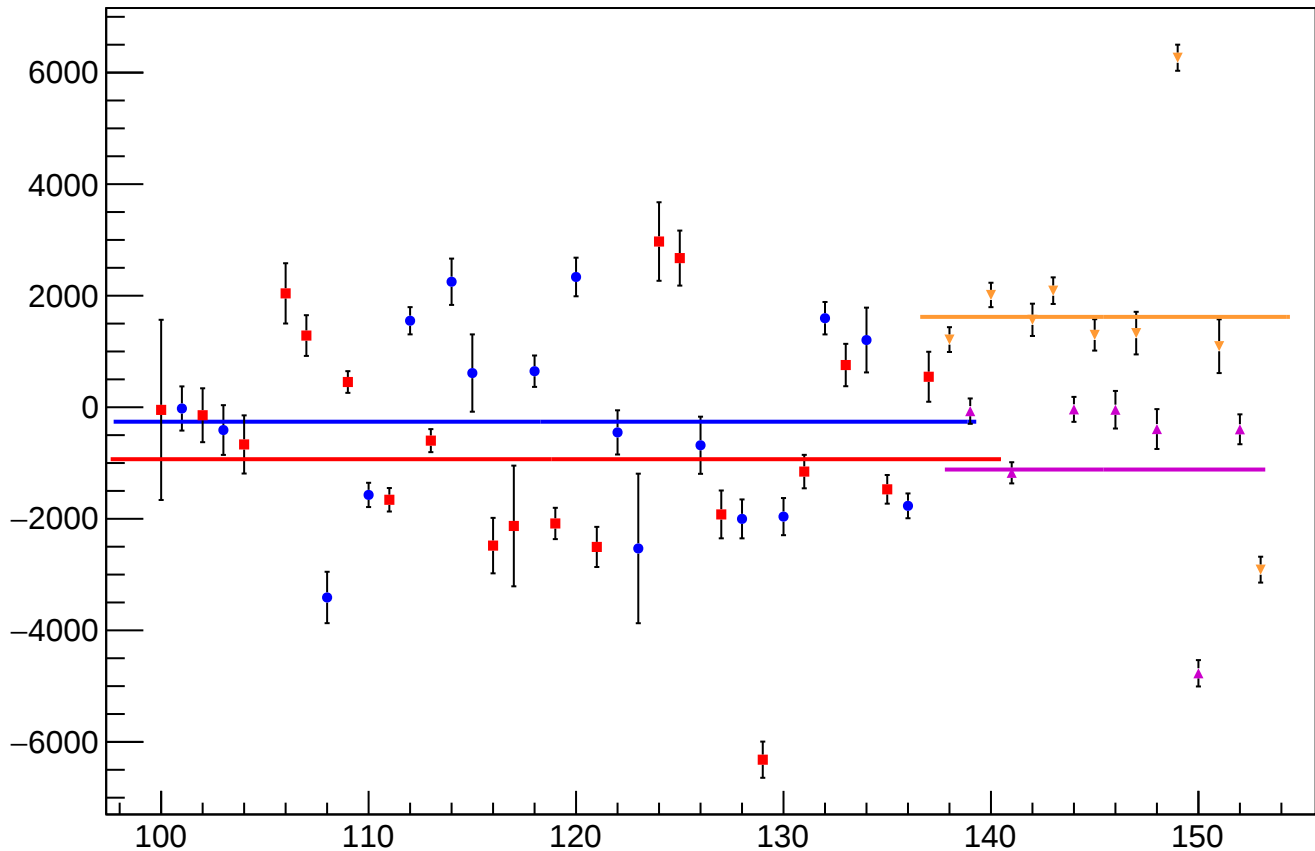
Left In: 215.694 ± 0.067 $\chi^2/\text{NDF}: 497204.9/6$

214.702 ± 0.044 $\chi^2/\text{NDF}: 1620836.5/25$

209.413 ± 0.031 $\chi^2/\text{NDF}: 3401245.9/52$

204.334 ± 0.043 $\chi^2/\text{NDF}: 1751648.2/26$

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -259.139 ± 82.802 $\chi^2/\text{NDF}: 391.2/16$

Left Out: 1620.231 ± 87.294 $\chi^2/\text{NDF}: 789.4/8$

Right Out: -931.363 ± 75.320 $\chi^2/\text{NDF}: 583.1/19$

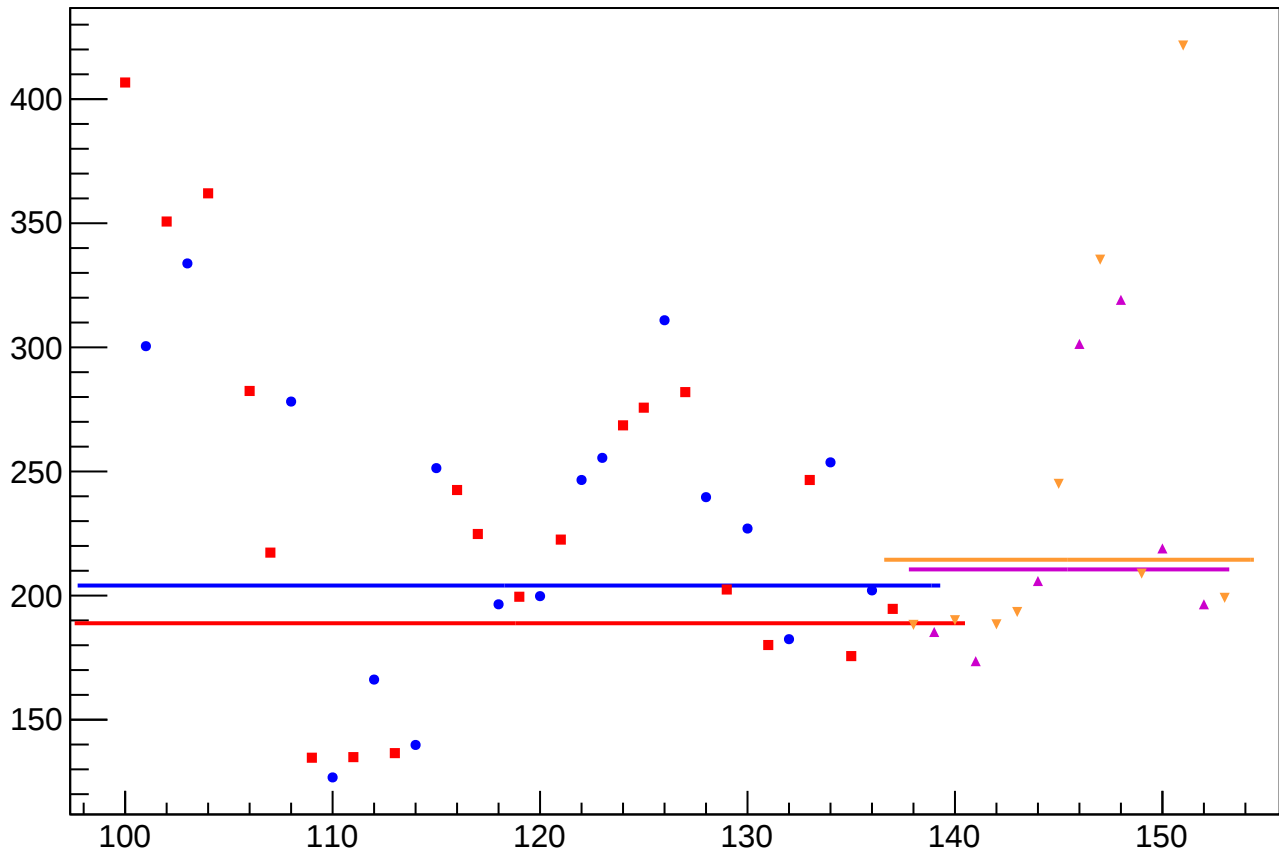
Left In: -1116.663 ± 93.030 $\chi^2/\text{NDF}: 304.8/6$

630.951 ± 60.075 $\chi^2/\text{NDF}: 1424.6/25$

-208.069 ± 41.926 $\chi^2/\text{NDF}: 2695.2/52$

-1004.734 ± 58.539 $\chi^2/\text{NDF}: 890.3/26$

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.051+/-0.059 χ^2/NDF : 868423.0/16

Left Out: 214.444+/-0.062 χ^2/NDF : 687763.3/8

Right Out: 188.856+/-0.053 χ^2/NDF : 1253327.1/19

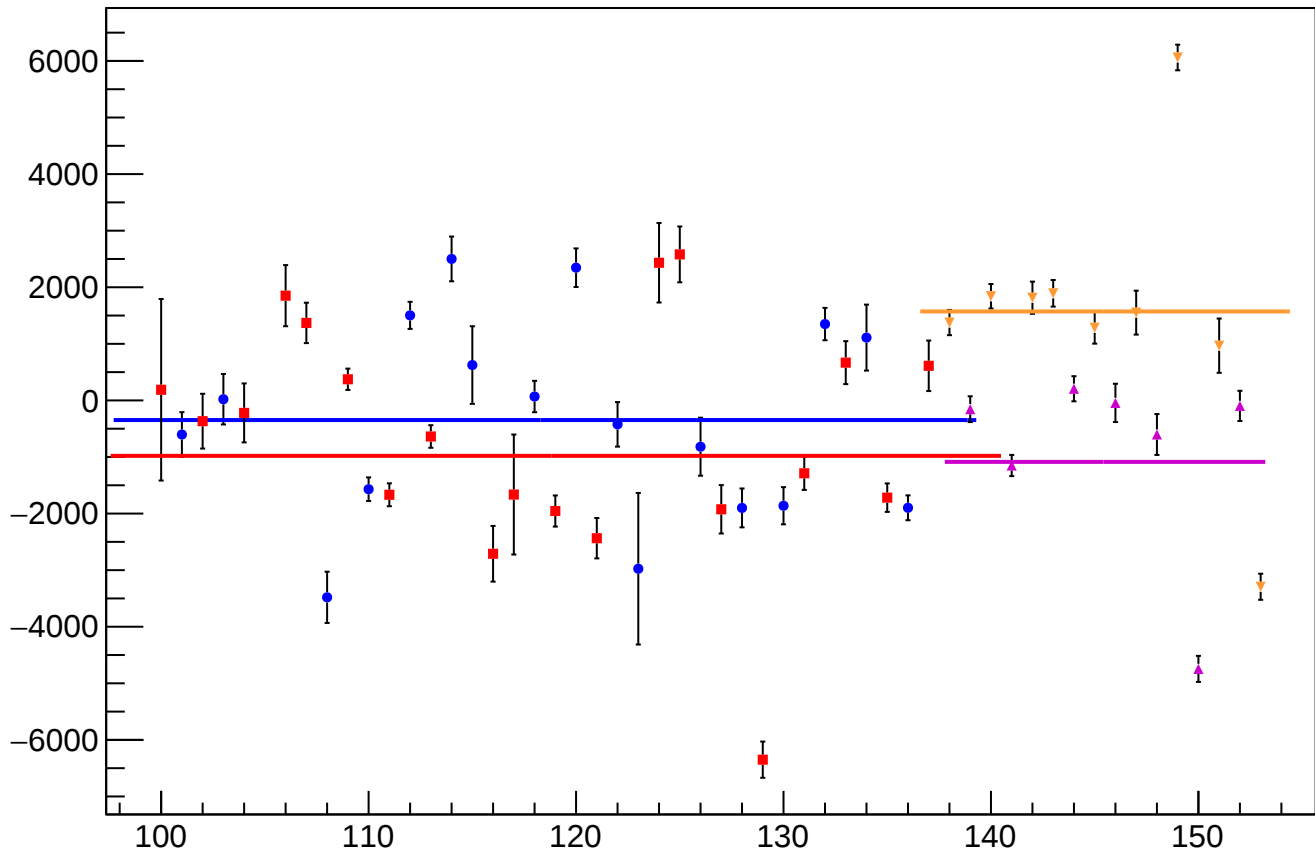
Left In: 210.542+/-0.066 χ^2/NDF : 439395.1/6

208.974+/-0.042 χ^2/NDF : 1571109.5/25

203.059+/-0.030 χ^2/NDF : 3367277.7/52

197.443+/-0.041 χ^2/NDF : 1758372.3/26

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -347.240 ± 81.318 $\chi^2/\text{NDF}: 399.1/16$

Left Out: 1572.220 ± 86.389 $\chi^2/\text{NDF}: 846.5/8$

Right Out: -979.606 ± 73.710 $\chi^2/\text{NDF}: 586.1/19$

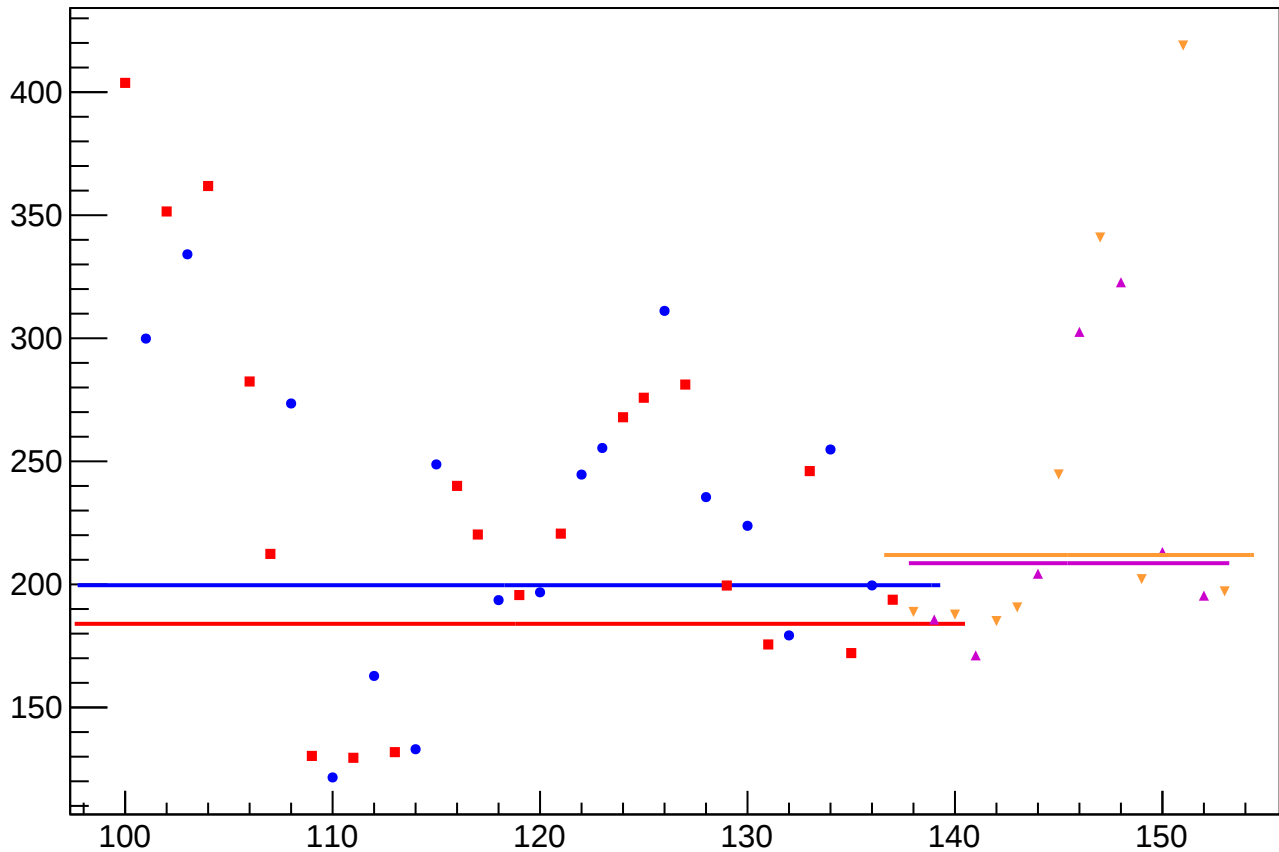
Left In: -1086.431 ± 92.271 $\chi^2/\text{NDF}: 328.6/6$

554.501 ± 59.212 $\chi^2/\text{NDF}: 1507.4/25$

-255.230 ± 41.284 $\chi^2/\text{NDF}: 2786.8/52$

-1021.220 ± 57.590 $\chi^2/\text{NDF}: 915.5/26$

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.669+/-0.058 χ^2/NDF : 943155.1/16

Left Out: 211.946+/-0.061 χ^2/NDF : 713917.3/8

Right Out: 183.984+/-0.052 χ^2/NDF : 1351978.1/19

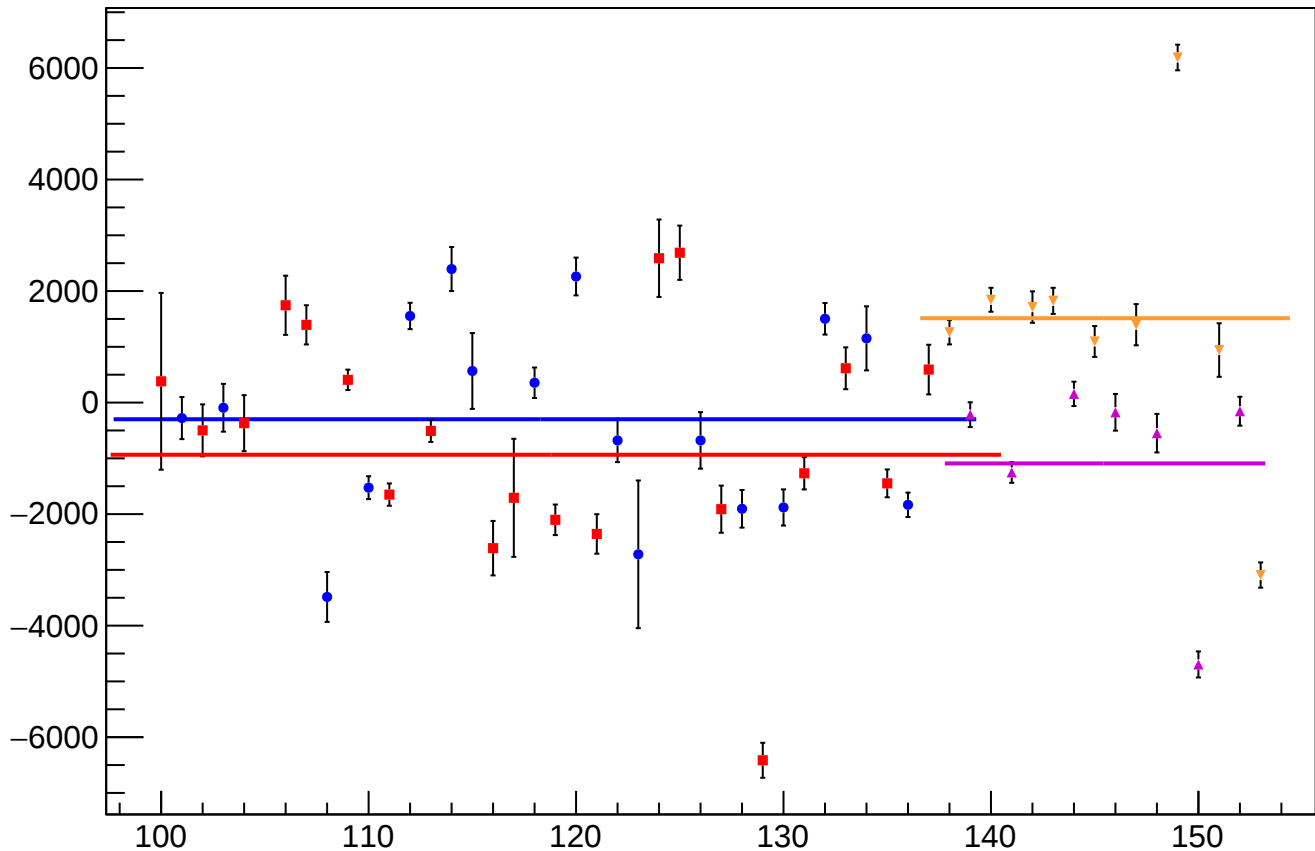
Left In: 208.615+/-0.065 χ^2/NDF : 460688.1/6

205.436+/-0.042 χ^2/NDF : 1678487.0/25

199.343+/-0.029 χ^2/NDF : 3619358.6/52

193.579+/-0.041 χ^2/NDF : 1899658.4/26

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -298.963 ± 80.162 $\chi^2/\text{NDF}: 406.6/16$

Left Out: 1512.802 ± 85.529 $\chi^2/\text{NDF}: 836.4/8$

Right Out: -935.490 ± 72.580 $\chi^2/\text{NDF}: 615.3/19$

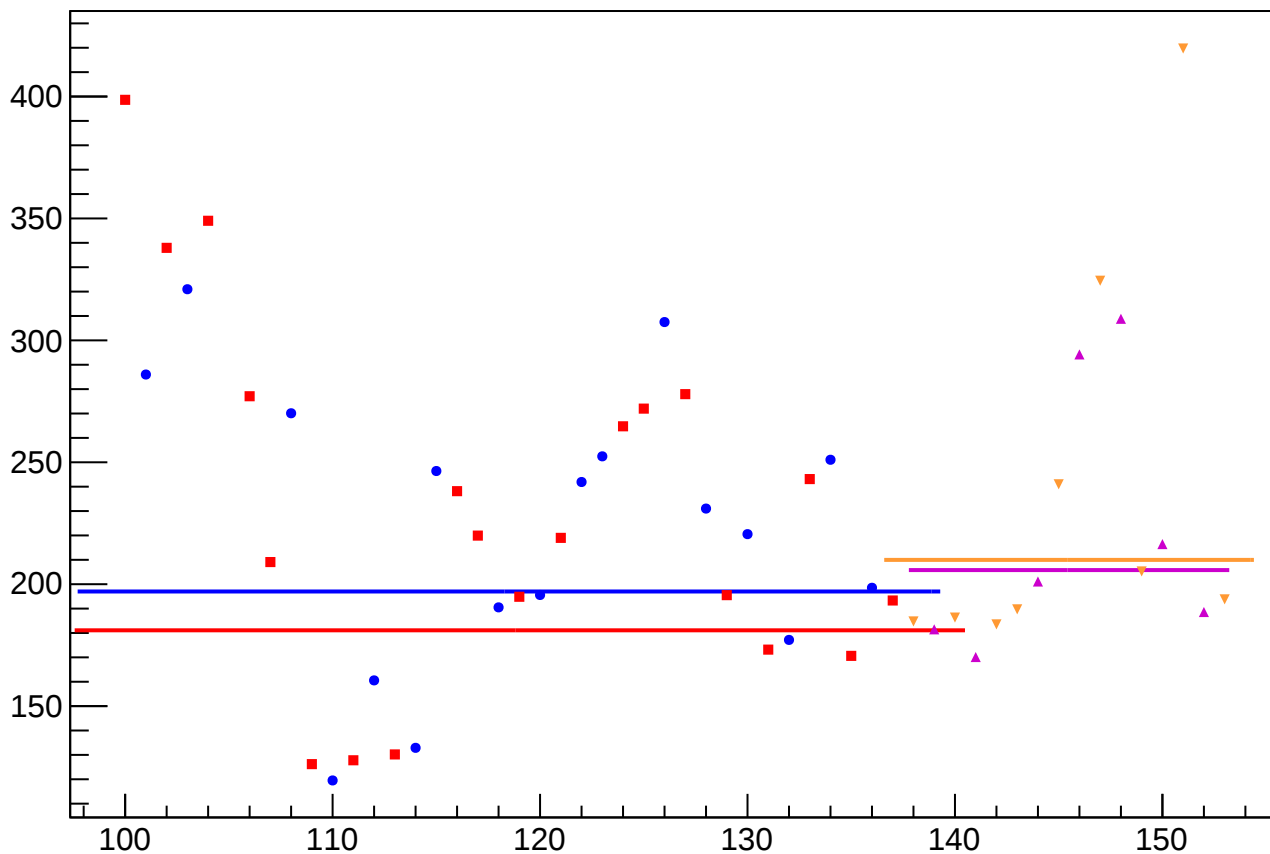
Left In: -1091.264 ± 90.991 $\chi^2/\text{NDF}: 310.1/6$

548.290 ± 58.489 $\chi^2/\text{NDF}: 1481.8/25$

-247.314 ± 40.725 $\chi^2/\text{NDF}: 2768.2/52$

-996.062 ± 56.740 $\chi^2/\text{NDF}: 927.2/26$

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 197.013 $\pm$ 0.057 χ^2 /NDF: 911923.5/16

Left Out: 209.971 $\pm$ 0.060 χ^2 /NDF:693505.7/8

Right Out: 181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

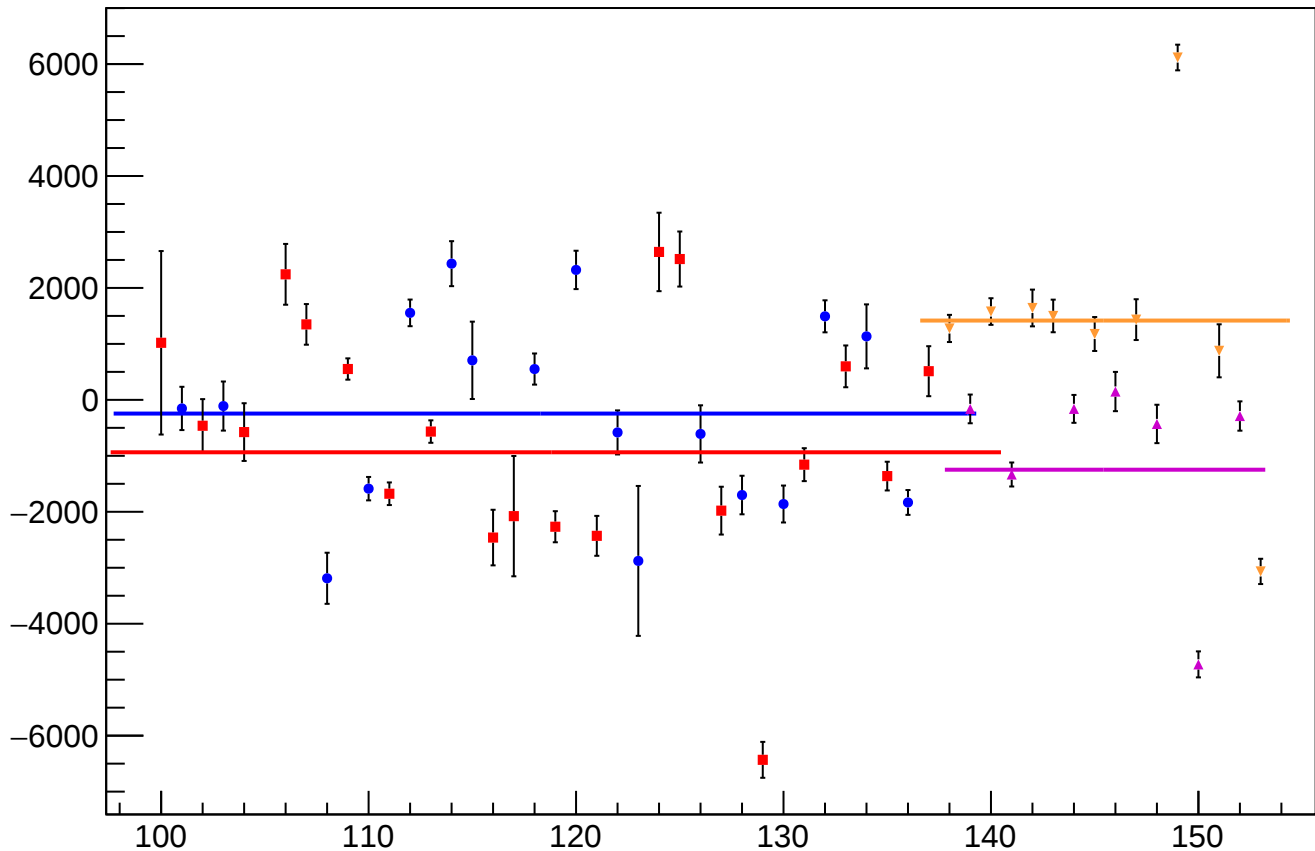
Left In: 205.791 $\pm$ 0.064 χ^2 /NDF:433182.1/6

203.073 $\pm$ 0.041 χ^2 /NDF: 1629868.2/25

196.696 $\pm$ 0.029 χ^2 /NDF: 3547670.7/52

190.694 $\pm$ 0.040 χ^2 /NDF: 1871651.9/26

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.925 ± 81.395 χ^2/NDF : 391.4/16

Left Out: 1417.156 ± 92.385 χ^2/NDF : 817.2/8

Right Out: -936.709 ± 74.030 χ^2/NDF : 610.9/19

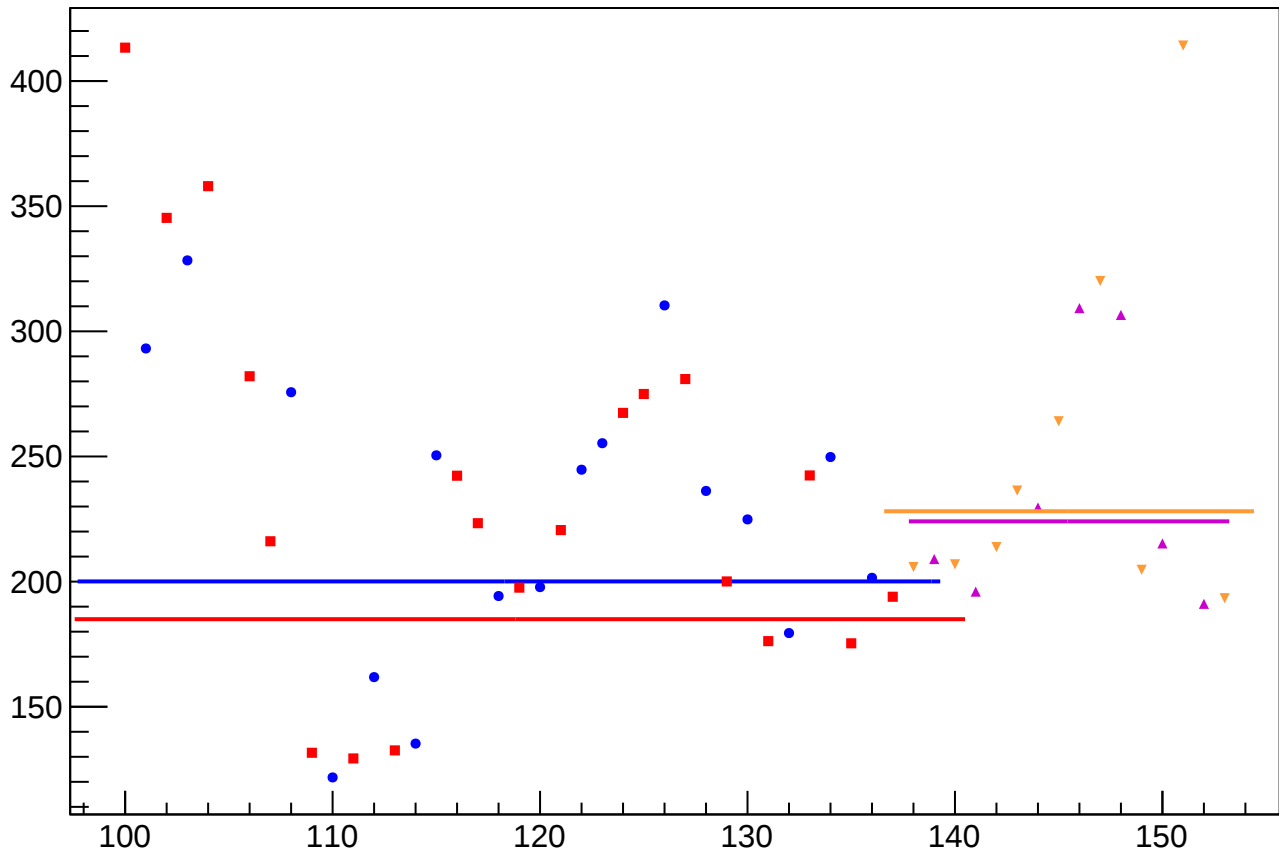
Left In: -1247.982 ± 98.652 χ^2/NDF : 296.1/6

481.423 ± 61.073 χ^2/NDF : 1390.8/25

-307.378 ± 42.512 χ^2/NDF : 2627.8/52

-1048.846 ± 59.212 χ^2/NDF : 913.3/26

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.078+/-0.058 χ^2/NDF : 918309.2/16

Left Out: 228.108+/-0.065 χ^2/NDF : 570486.6/8

Right Out: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

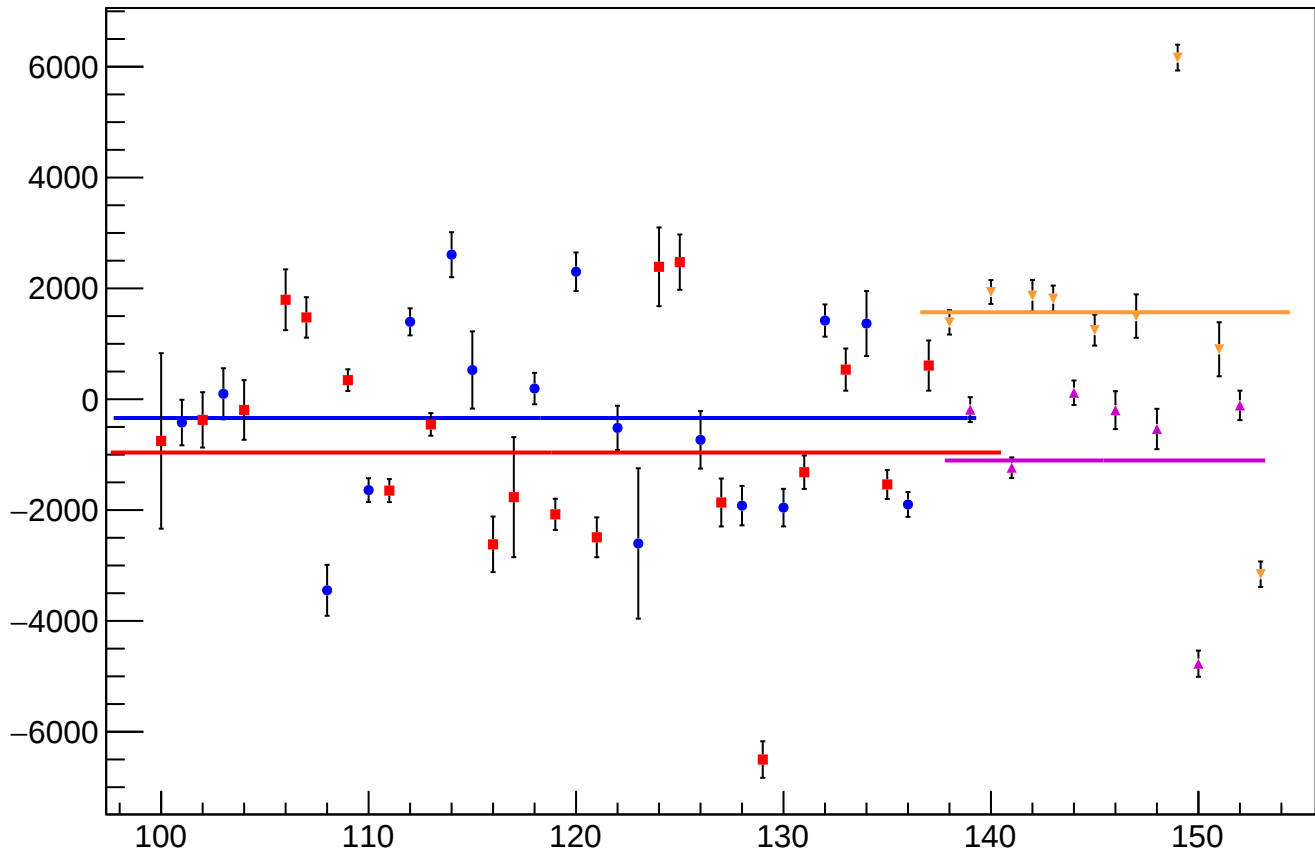
Left In: 224.072+/-0.070 χ^2/NDF : 310291.4/6

212.327+/-0.043 χ^2/NDF : 1592443.0/25

205.493+/-0.030 χ^2/NDF : 3472949.6/52

199.069+/-0.042 χ^2/NDF : 1831921.9/26

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -338.966 ± 83.123 χ^2/NDF : 389.5/16

Left Out: 1569.557 ± 86.532 χ^2/NDF : 819.4/8

Right Out: -961.556 ± 75.564 χ^2/NDF : 570.9/19

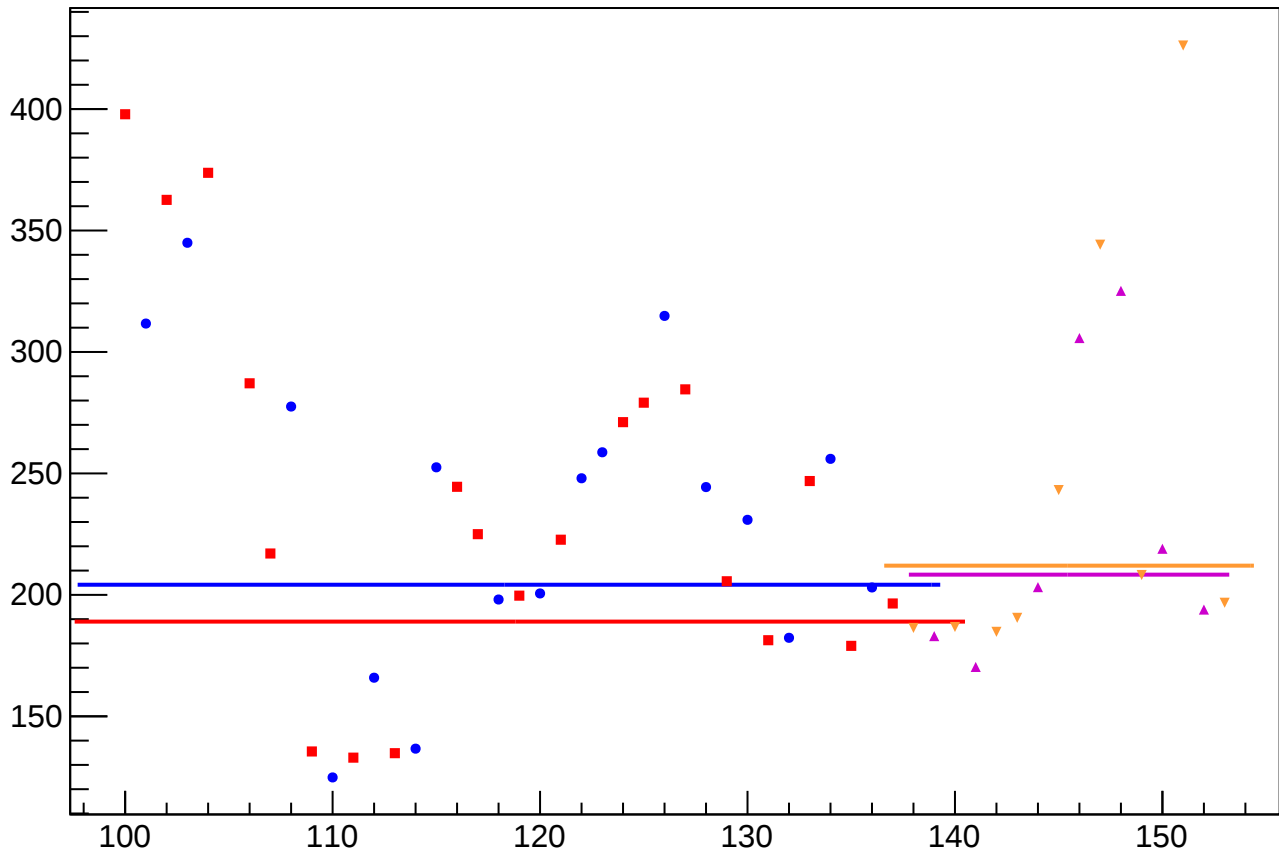
Left In: -1104.685 ± 92.320 χ^2/NDF : 312.0/6

576.956 ± 59.946 χ^2/NDF : 1461.9/25

-240.837 ± 41.858 χ^2/NDF : 2709.4/52

-1018.976 ± 58.474 χ^2/NDF : 884.3/26

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.175 +/- 0.059 χ^2/NDF : 947438.5/16

Left Out: 212.029 +/- 0.061 χ^2/NDF : 737624.4/8

Right Out: 188.997 +/- 0.053 χ^2/NDF : 1317112.1/19

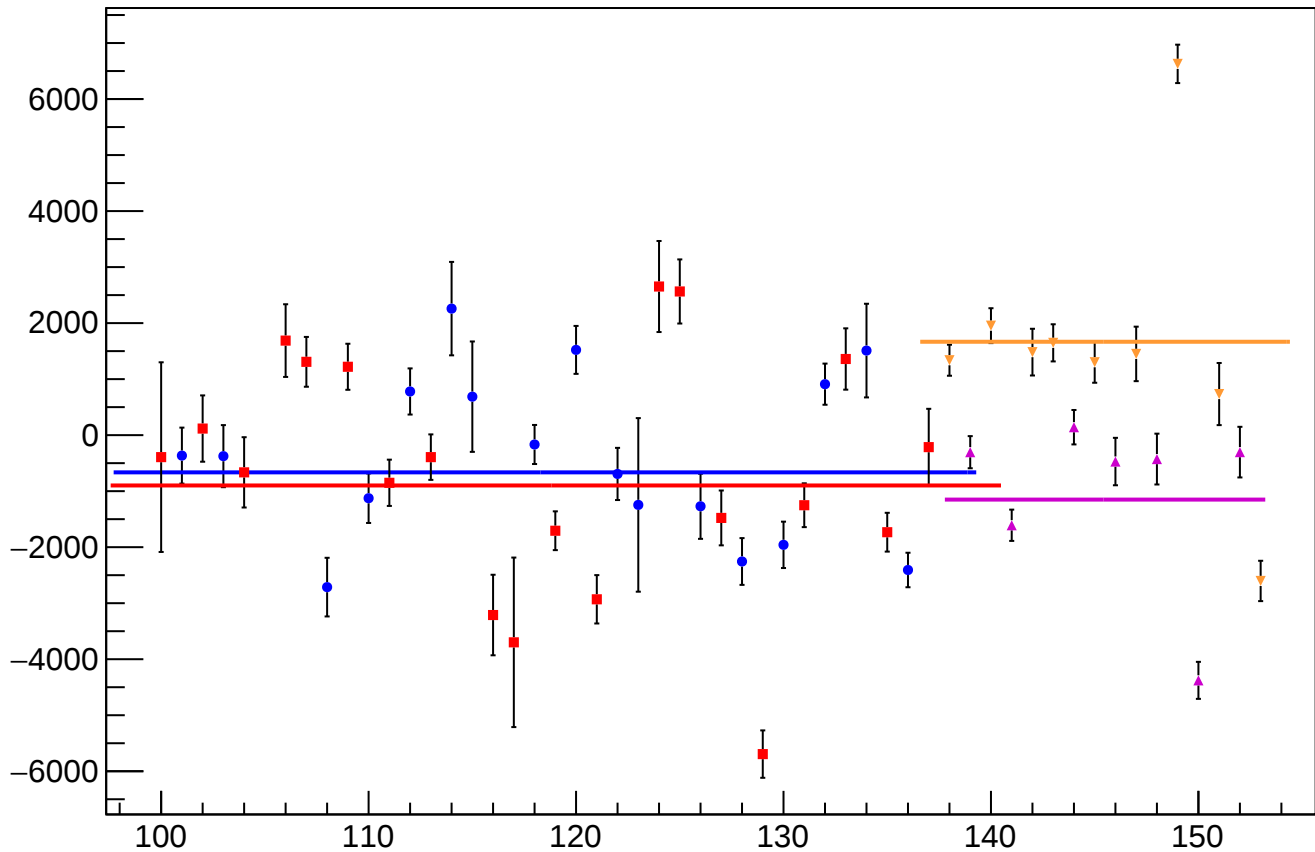
Left In: 208.326 +/- 0.065 χ^2/NDF : 487812.7/6

207.944 +/- 0.042 χ^2/NDF : 1693632.0/25

202.209 +/- 0.030 χ^2/NDF : 3586785.3/52

196.751 +/- 0.041 χ^2/NDF : 1857423.8/26

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.383+/-113.949 χ^2/NDF : 154.3/16

Left Out: 1667.212+/-120.099 χ^2/NDF : 356.4/8

Right Out: -898.290+/-110.578 χ^2/NDF : 323.5/19

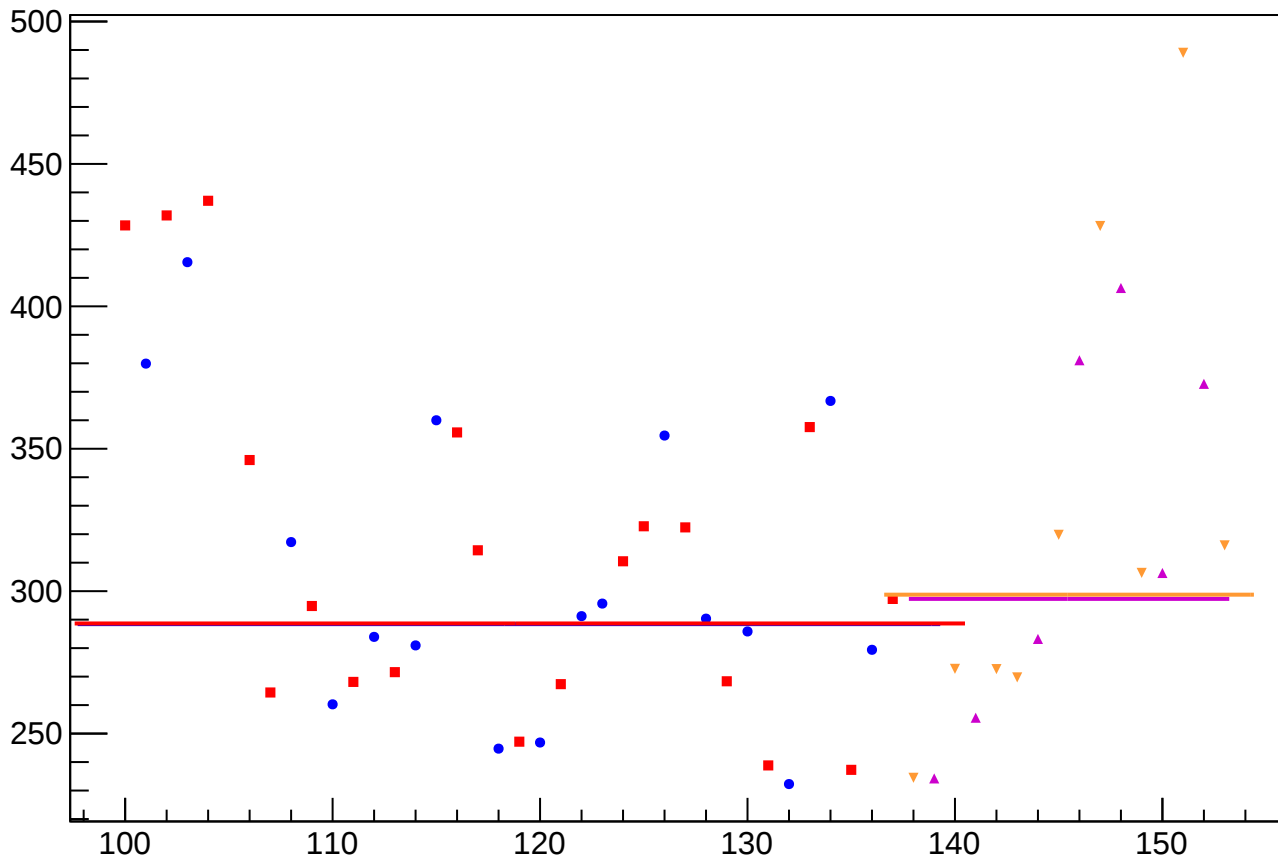
Left In: -1150.496+/-129.023 χ^2/NDF : 133.1/6

440.183+/-82.663 χ^2/NDF : 709.1/25

-271.190+/-58.905 χ^2/NDF : 1318.4/52

-1005.092+/-83.961 χ^2/NDF : 458.8/26

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 288.428 $\pm$ 0.081 χ^2/NDF : 339820.0/16

Left Out: 298.769 $\pm$ 0.085 χ^2/NDF : 534164.5/8

Right Out: 288.660 $\pm$ 0.078 χ^2/NDF : 455989.7/19

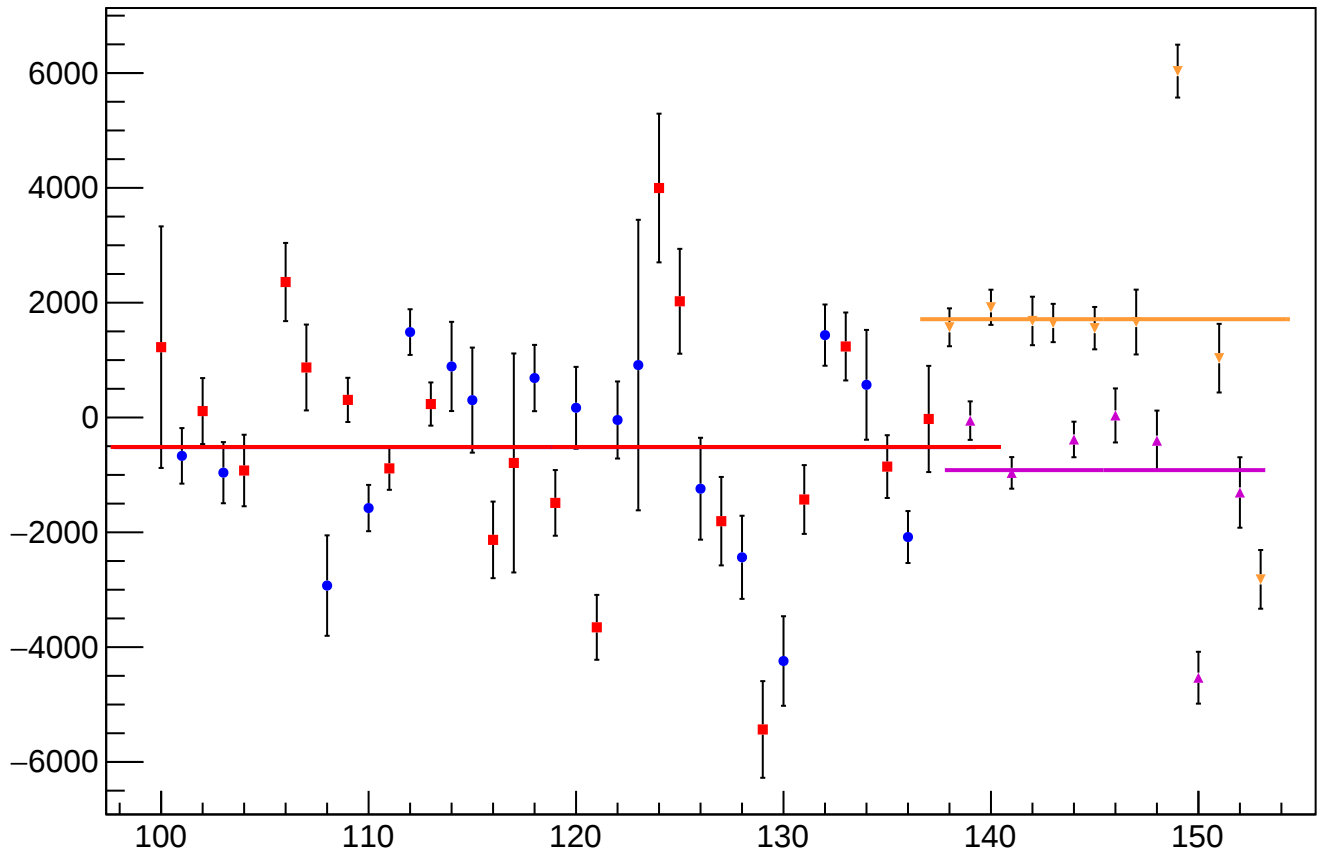
Left In: 297.288 $\pm$ 0.091 χ^2/NDF : 396871.5/6

293.327 $\pm$ 0.058 χ^2/NDF : 881787.5/25

292.828 $\pm$ 0.042 χ^2/NDF : 1739952.6/52

292.313 $\pm$ 0.059 χ^2/NDF : 858017.1/26

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -515.894 ± 147.326 χ^2/NDF : 108.0/16

Left Out: 1712.161 ± 133.346 χ^2/NDF : 168.7/8

Right Out: -513.264 ± 135.456 χ^2/NDF : 141.3/19

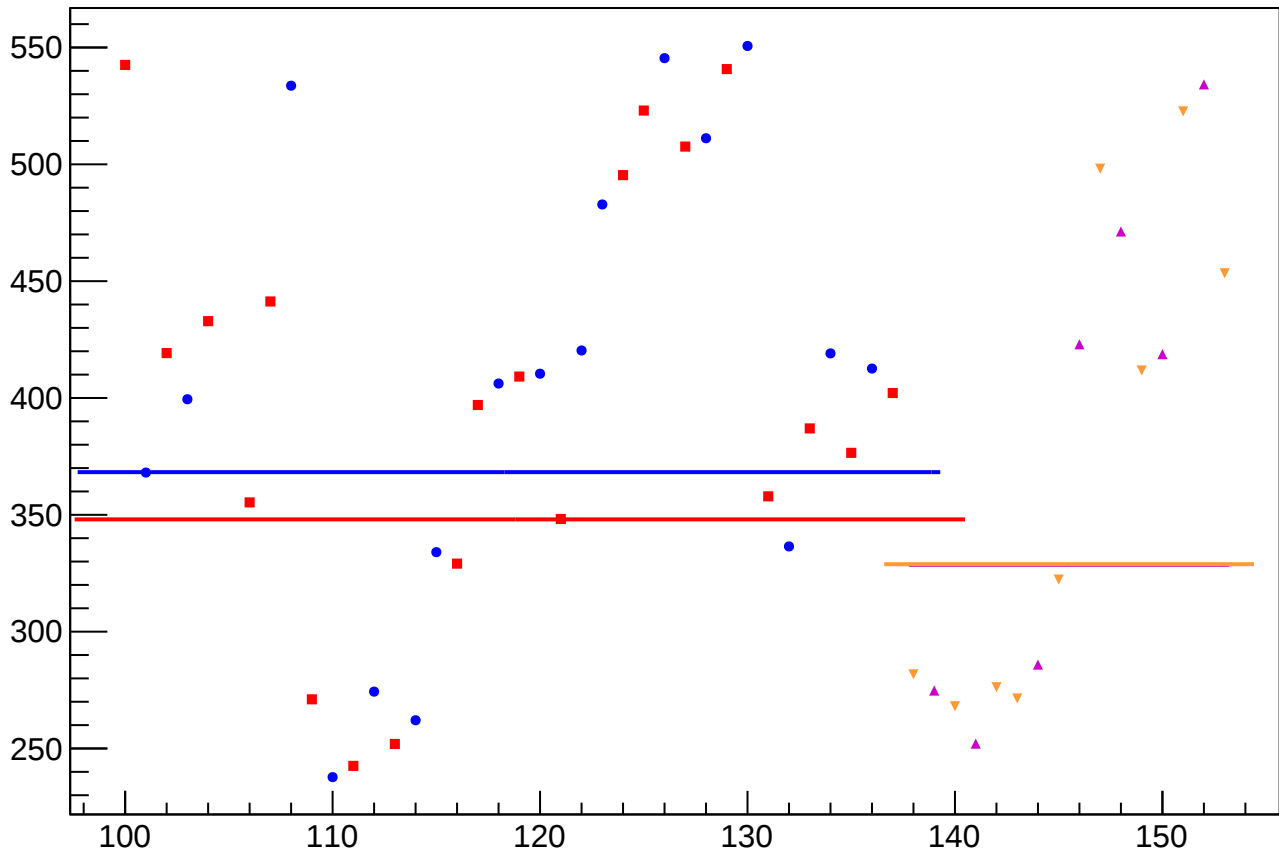
Left In: -916.623 ± 143.999 χ^2/NDF : 79.2/6

708.842 ± 98.864 χ^2/NDF : 402.4/25

1.680 ± 69.836 χ^2/NDF : 729.1/52

-702.624 ± 98.664 χ^2/NDF : 224.6/26

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 368.264+/-0.104 χ^2/NDF : 770116.6/16

Left Out: 328.861+/-0.094 χ^2/NDF : 783752.9/8

Right Out: 348.050+/-0.096 χ^2/NDF : 823186.4/19

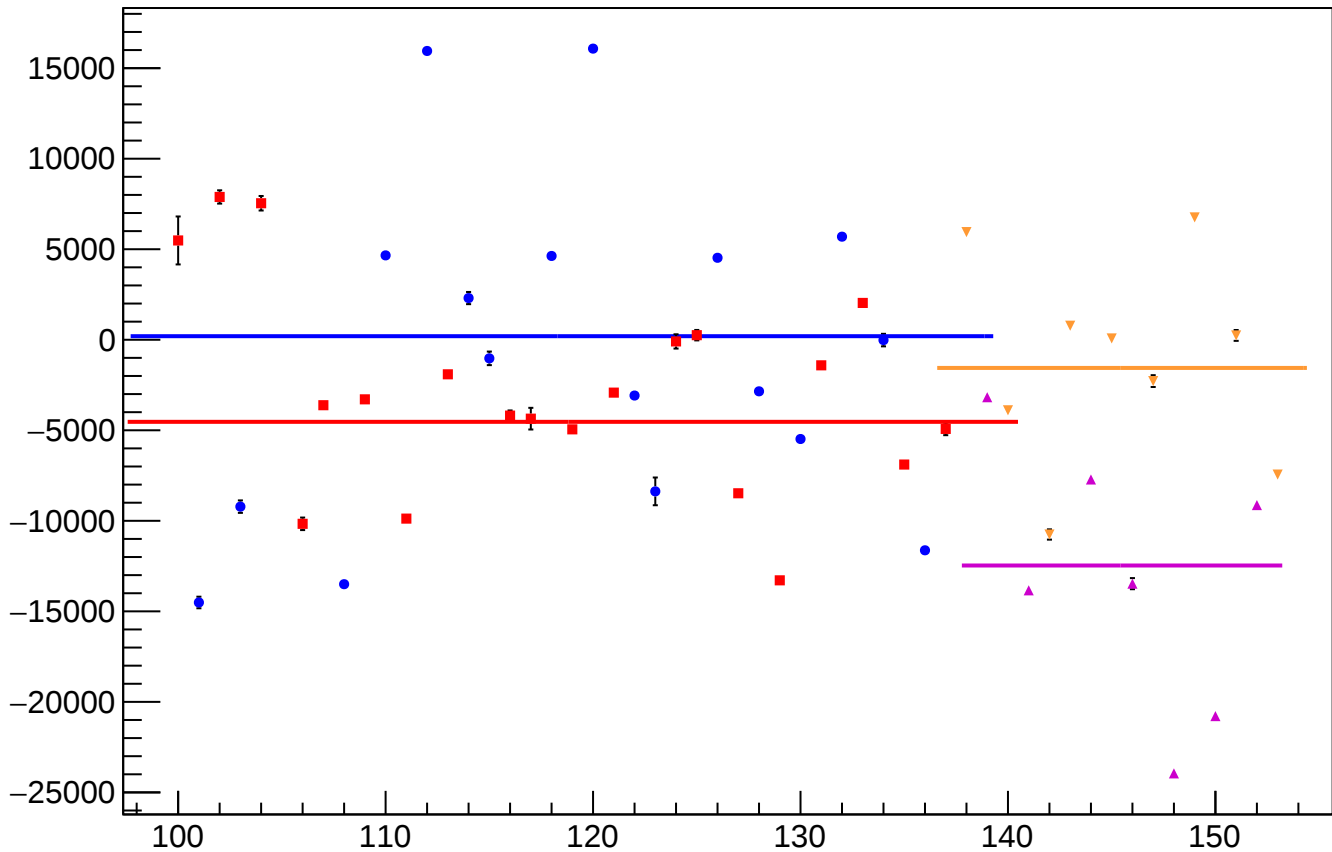
Left In: 328.579+/-0.102 χ^2/NDF : 776809.6/6

346.605+/-0.070 χ^2/NDF : 1632510.1/25

342.749+/-0.049 χ^2/NDF : 3257979.3/52

338.909+/-0.070 χ^2/NDF : 1619397.8/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 ± 54.799 $\chi^2/\text{NDF}: 30658.3/16$

Left Out: -1555.864 ± 75.304 $\chi^2/\text{NDF}: 5739.6/8$

Right Out: -4532.856 ± 52.261 $\chi^2/\text{NDF}: 7477.3/19$

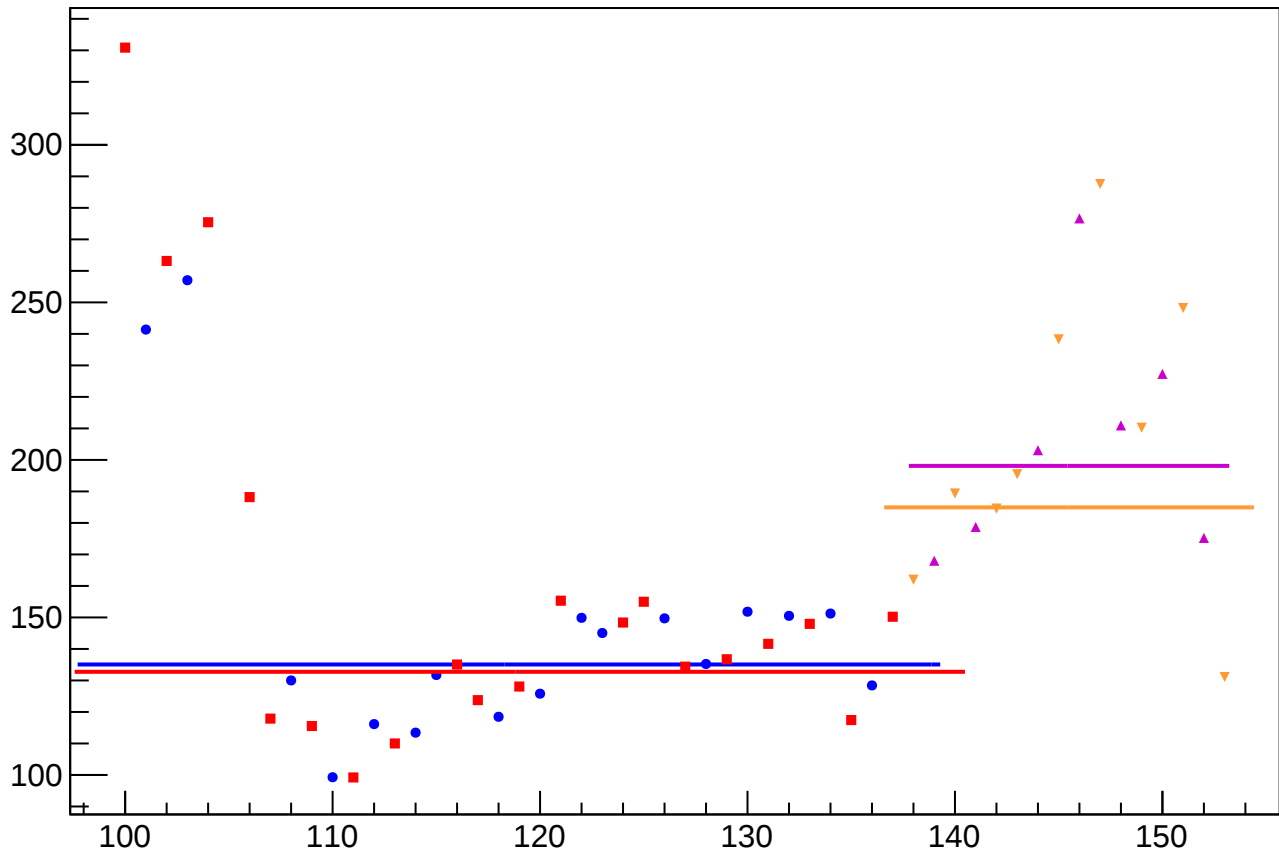
Left In: -12467.990 ± 86.817 $\chi^2/\text{NDF}: 6121.3/6$

-409.858 ± 44.309 $\chi^2/\text{NDF}: 36752.1/25$

-3494.048 ± 31.494 $\chi^2/\text{NDF}: 66275.5/52$

-6643.459 ± 44.775 $\chi^2/\text{NDF}: 19730.6/26$

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072+/-0.039 χ^2/NDF : 658703.5/16

Left Out: 184.940+/-0.053 χ^2/NDF : 685147.0/8

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

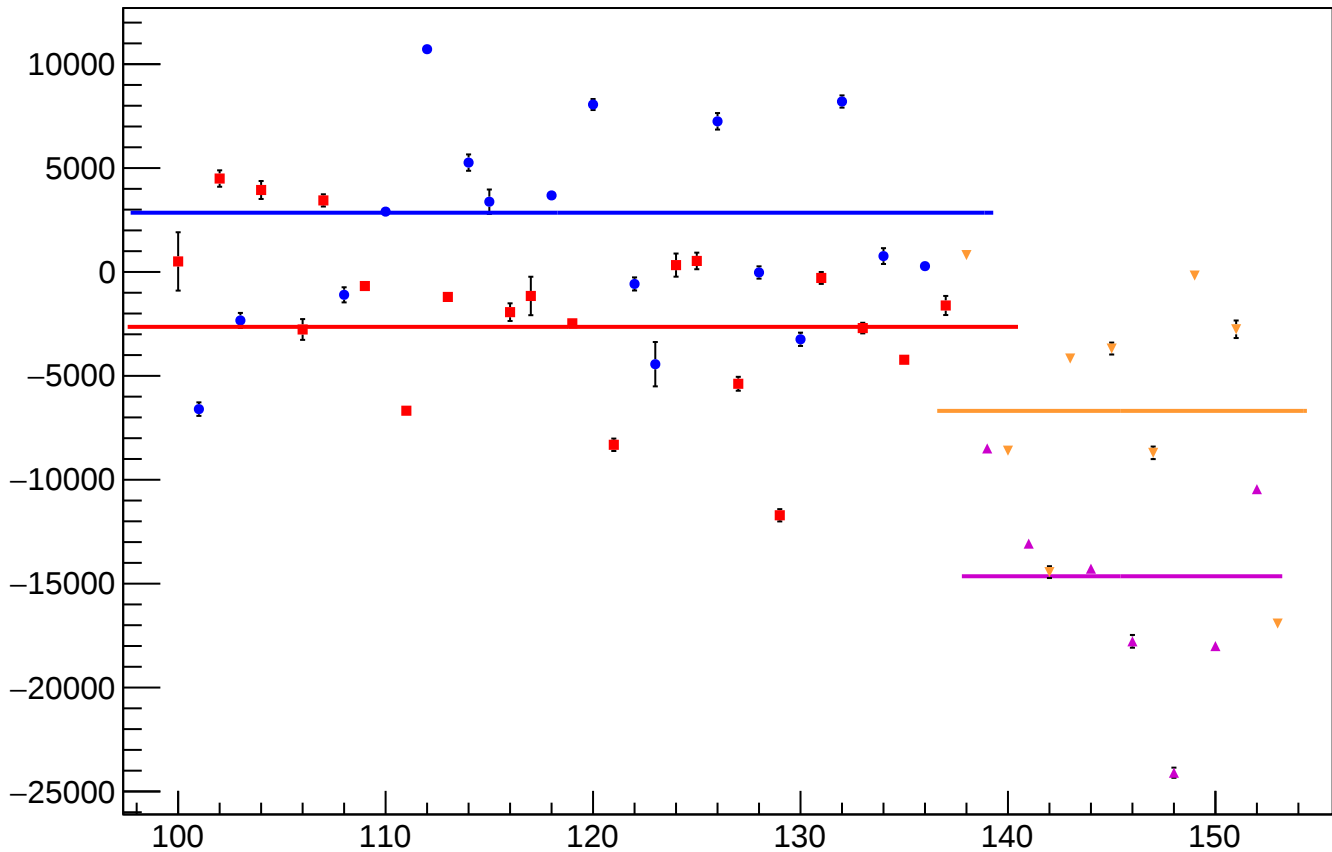
Left In: 198.106+/-0.061 χ^2/NDF : 247231.6/6

152.337+/-0.031 χ^2/NDF : 1917278.5/25

151.246+/-0.022 χ^2/NDF : 3830628.5/52

150.131+/-0.032 χ^2/NDF : 1910898.6/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437 $\pm$ 70.753 χ^2/NDF : 4178.1/16

Left Out: -6685.300 $\pm$ 81.558 χ^2/NDF : 6127.2/8

Right Out: -2641.642 $\pm$ 65.566 χ^2/NDF : 3178.3/19

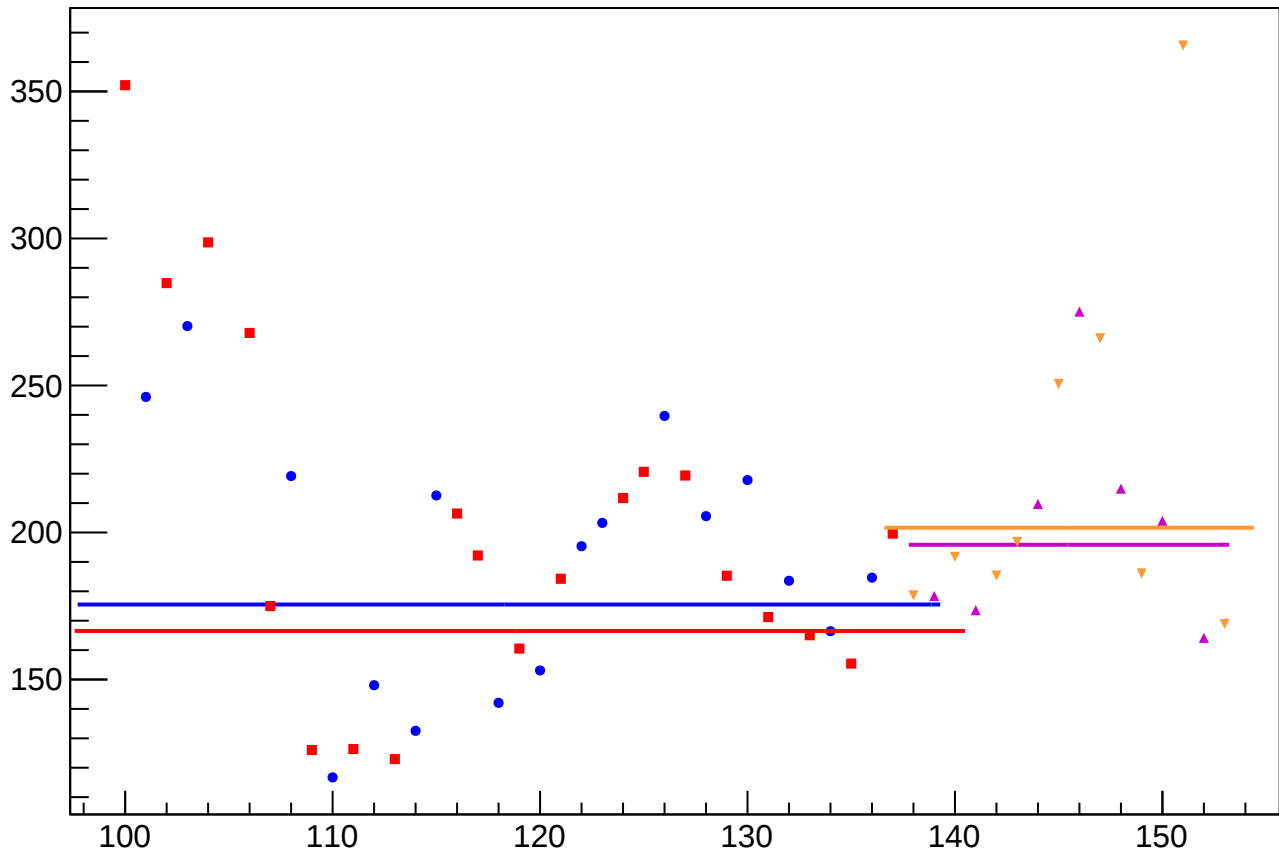
Left In: -14643.834 $\pm$ 85.919 χ^2/NDF : 3039.3/6

-1243.806 $\pm$ 53.445 χ^2/NDF : 18107.0/25

-4224.061 $\pm$ 37.315 χ^2/NDF : 42723.9/52

-7058.689 $\pm$ 52.123 χ^2/NDF : 18549.8/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514 $\pm$ 0.050 χ^2 /NDF: 689642.3/16

Left Out: 201.637 $\pm$ 0.058 χ^2 /NDF: 552158.6/8

Right Out: 166.522 $\pm$ 0.046 χ^2 /NDF: 931079.9/19

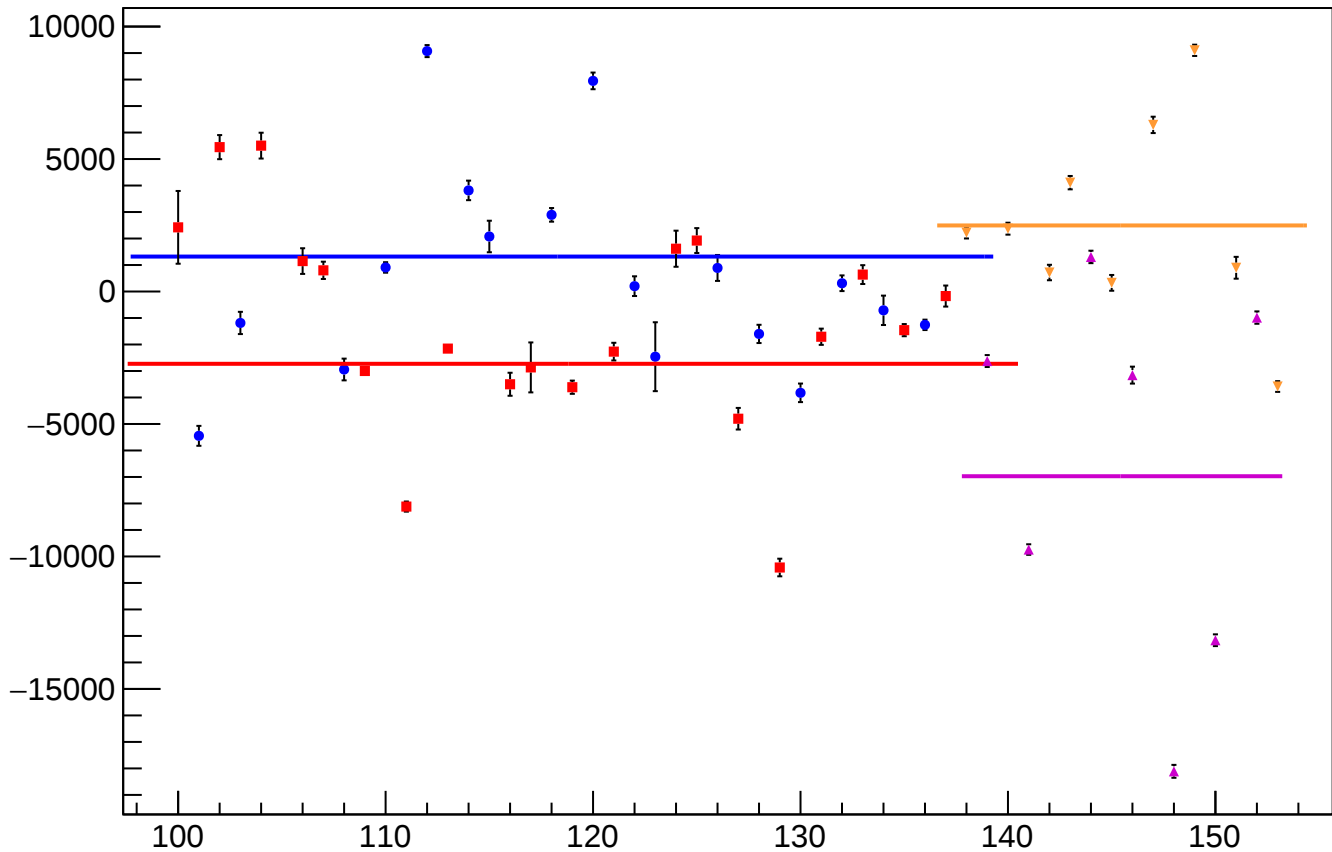
Left In: 195.832 $\pm$ 0.061 χ^2 /NDF: 234973.0/6

186.732 $\pm$ 0.038 χ^2 /NDF: 1358875.5/25

181.902 $\pm$ 0.026 χ^2 /NDF: 2703878.6/52

177.309 $\pm$ 0.037 χ^2 /NDF: 1313137.7/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009+/-77.146 χ^2/NDF : 2667.0/16

Left Out: 2493.393+/-84.003 χ^2/NDF : 2160.3/8

Right Out: -2728.550+/-69.837 χ^2/NDF : 2495.9/19

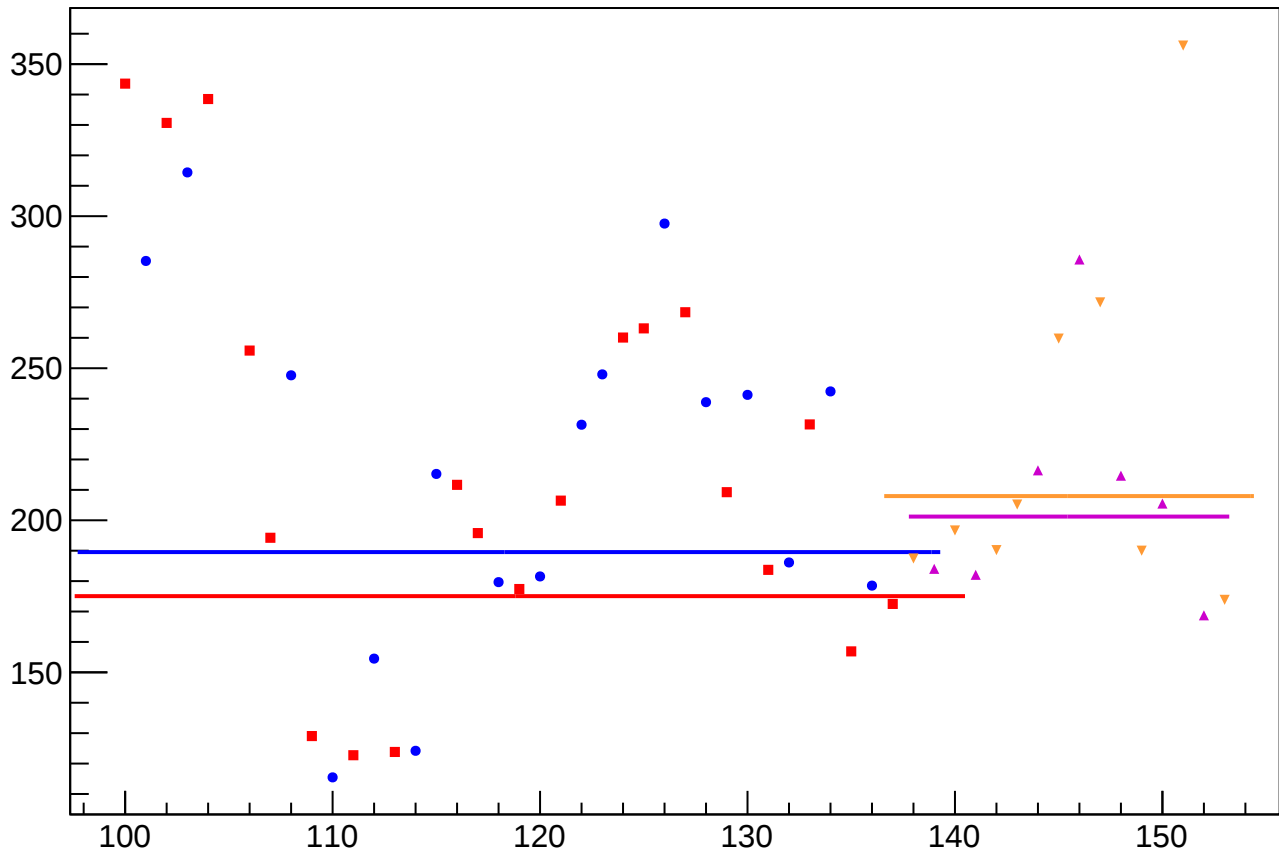
Left In: -6971.777+/-88.297 χ^2/NDF : 5468.8/6

1856.317+/-56.820 χ^2/NDF : 4933.4/25

-1366.493+/-39.435 χ^2/NDF : 20525.6/52

-4361.473+/-54.775 χ^2/NDF : 9385.4/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 +/- 0.055 χ^2/NDF : 980744.6/16

Left Out: 207.960 +/- 0.059 χ^2/NDF : 504745.7/8

Right Out: 175.058 +/- 0.049 χ^2/NDF : 1298079.7/19

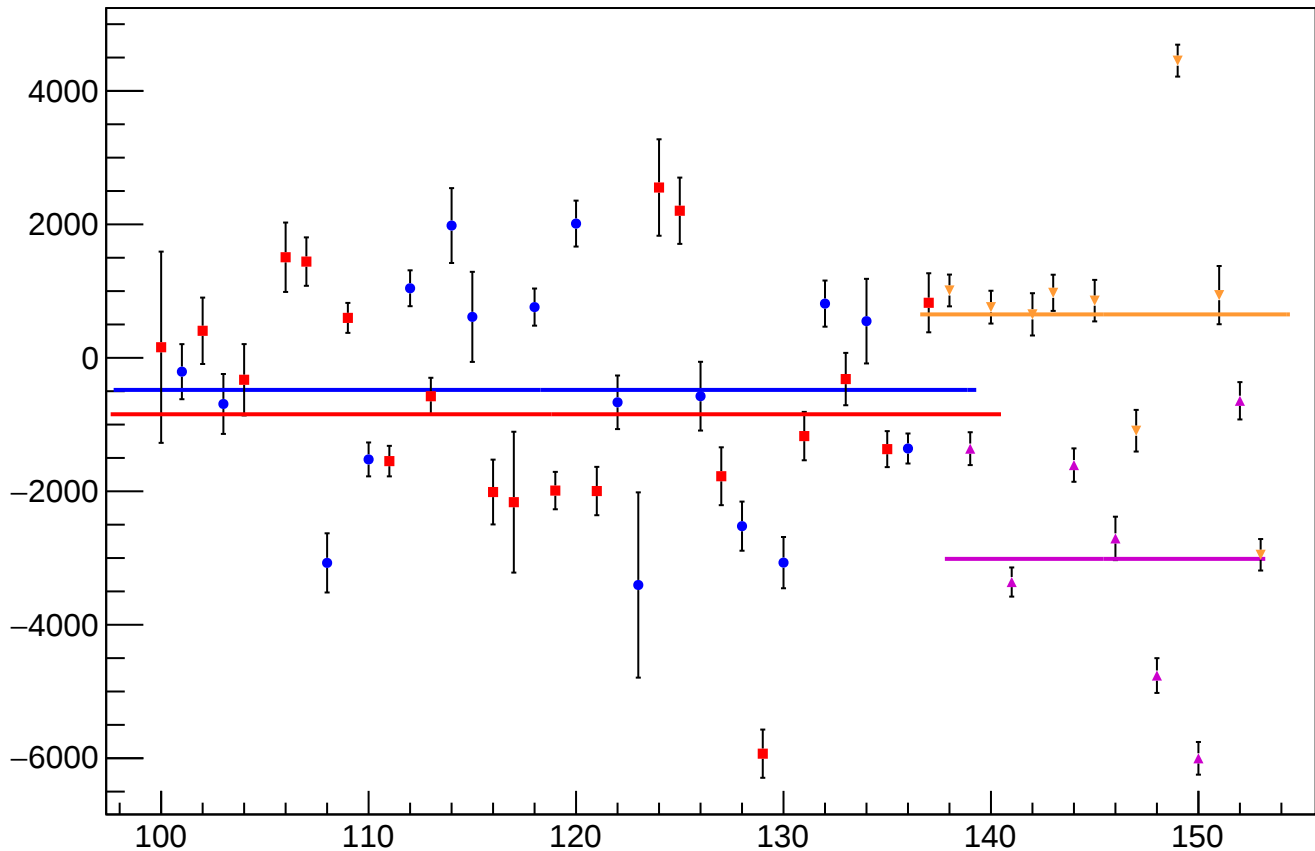
Left In: 201.221 +/- 0.062 χ^2/NDF : 223920.8/6

197.970 +/- 0.040 χ^2/NDF : 1537631.7/25

191.313 +/- 0.028 χ^2/NDF : 3220619.4/52

185.127 +/- 0.039 χ^2/NDF : 1630023.0/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578+/-88.640 χ^2/NDF : 290.7/16

Left Out: 651.018+/-91.652 χ^2/NDF : 521.5/8

Right Out: -845.444+/-81.995 χ^2/NDF : 436.9/19

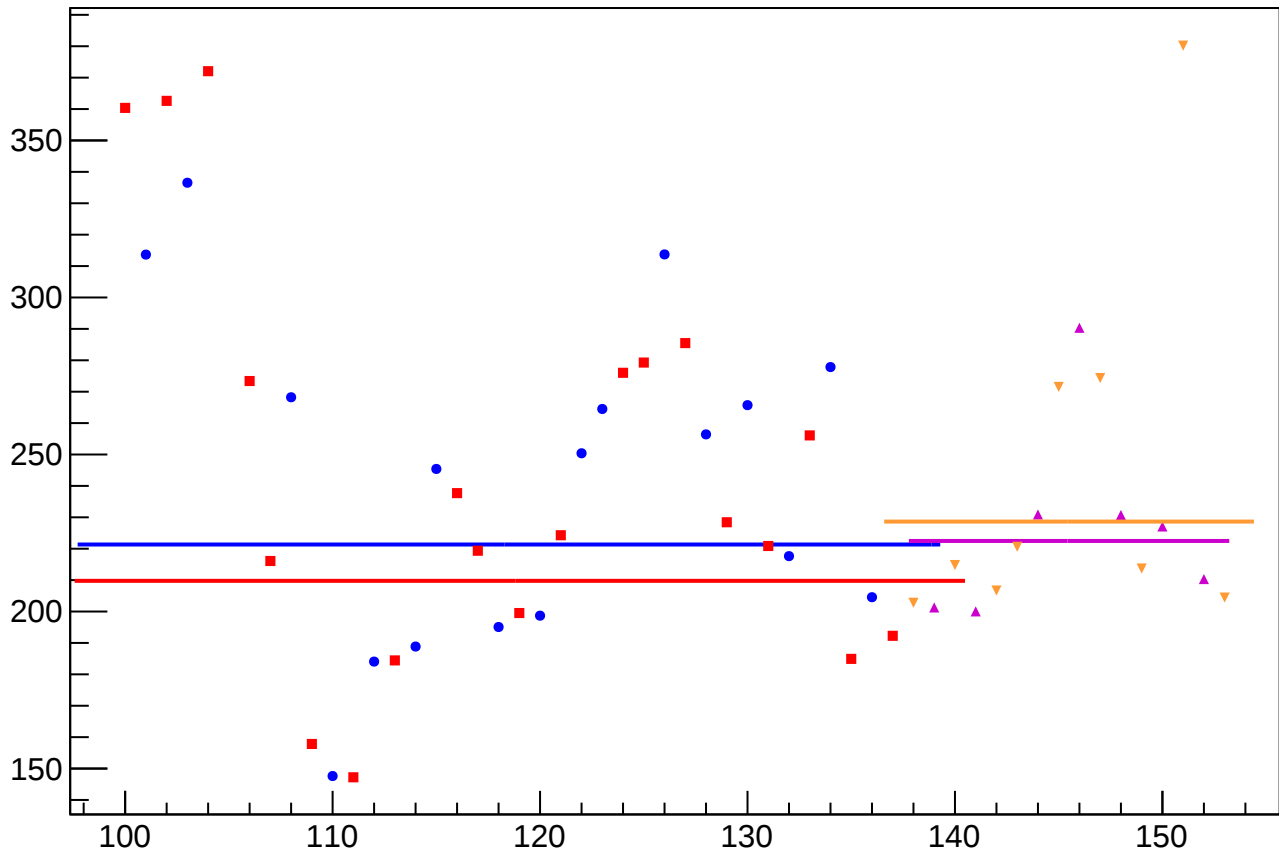
Left In: -3012.578+/-96.665 χ^2/NDF : 345.5/6

66.324+/-63.716 χ^2/NDF : 891.0/25

-860.056+/-44.629 χ^2/NDF : 2380.7/52

-1752.247+/-62.529 χ^2/NDF : 1074.7/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

Left Out: 228.645 $\pm$ 0.065 χ^2 /NDF: 392354.8/8

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

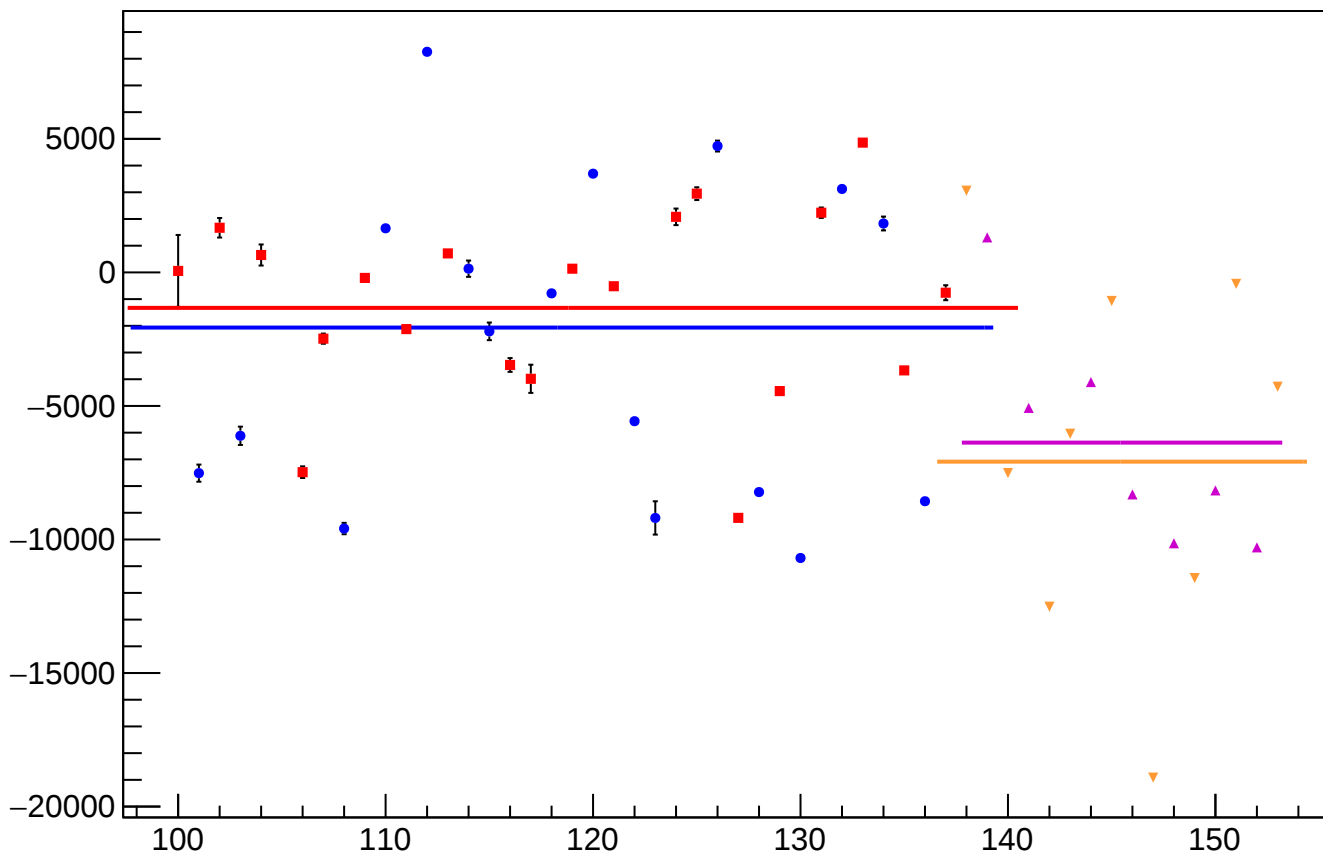
Left In: 222.474 $\pm$ 0.068 χ^2 /NDF: 131623.6/6

224.872 $\pm$ 0.045 χ^2 /NDF: 1044603.9/25

219.888 $\pm$ 0.032 χ^2 /NDF: 2104403.3/52

215.088 $\pm$ 0.044 χ^2 /NDF: 1035780.9/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160+/-47.322 χ^2/NDF : 16533.3/16

Left Out: -7086.240+/-44.415 χ^2/NDF :22603.5/8

Right Out: -1327.819+/-44.838 χ^2/NDF : 5919.9/19

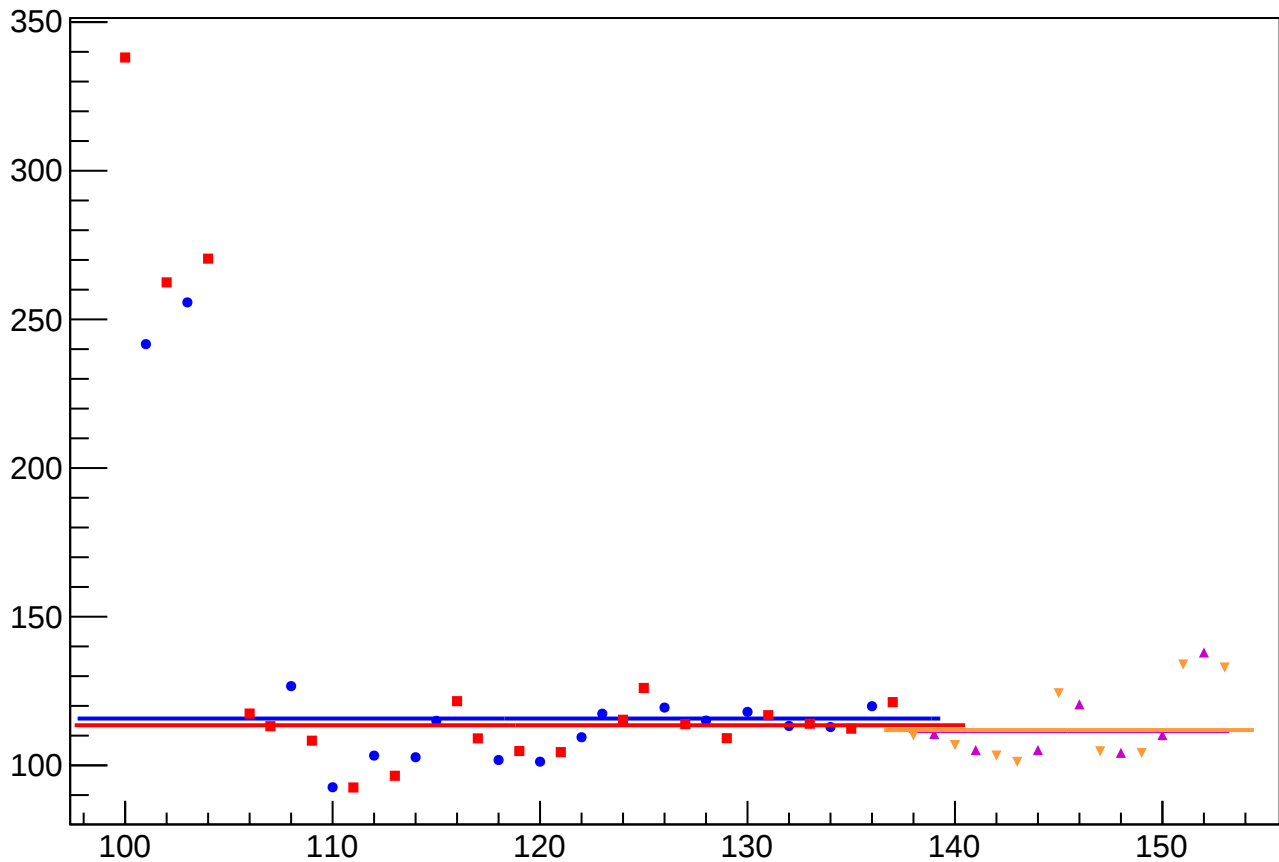
Left In: -6373.023+/-47.423 χ^2/NDF :5794.5/6

-4734.652+/-32.385 χ^2/NDF : 45122.3/25

-4225.020+/-22.969 χ^2/NDF : 63310.9/52

-3709.212+/-32.581 χ^2/NDF : 17690.4/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741 ± 0.033 $\chi^2/\text{NDF}: 744017.7/16$

Left Out: 111.864 ± 0.031 $\chi^2/\text{NDF}: 137245.5/8$

Right Out: 113.487 ± 0.032 $\chi^2/\text{NDF}: 796781.7/19$

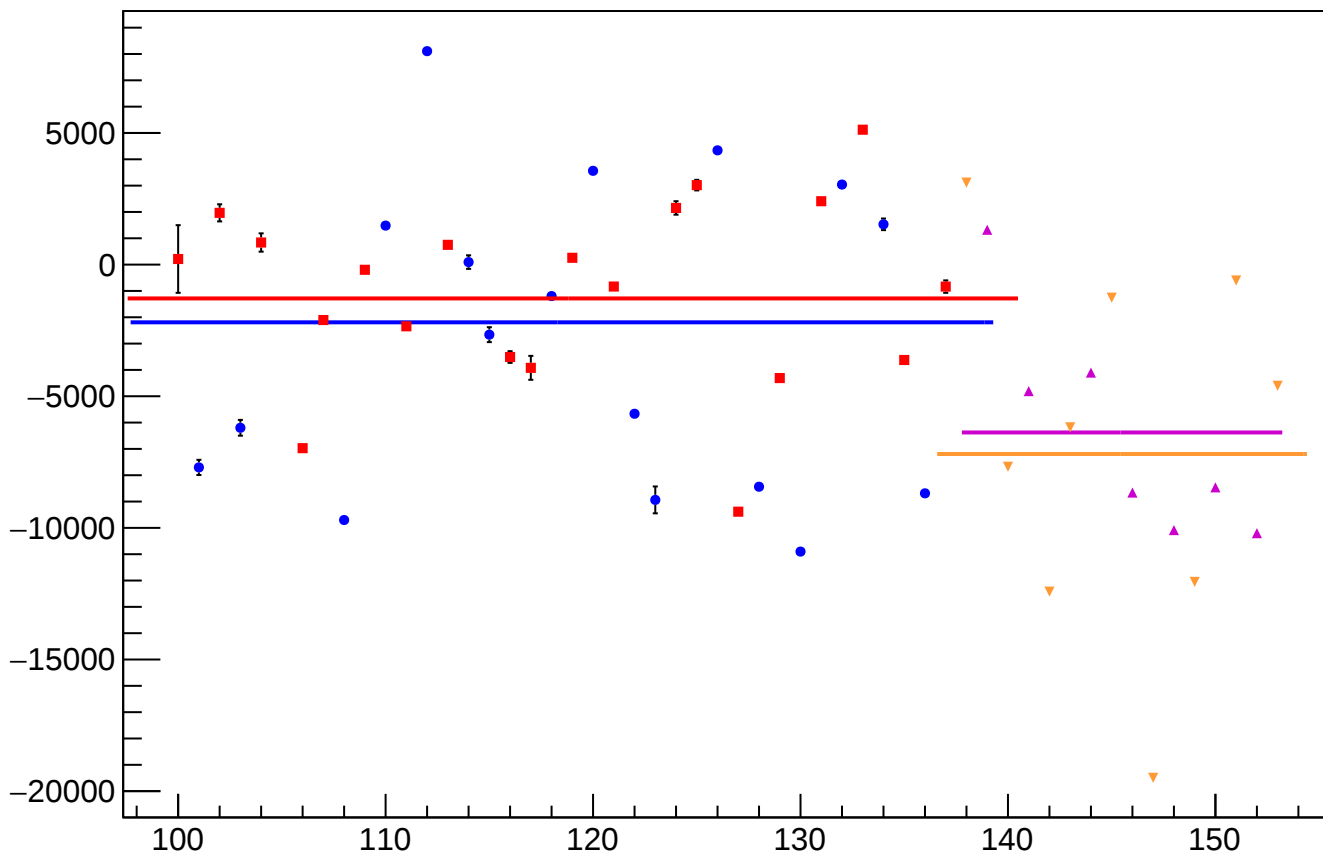
Left In: 111.510 ± 0.034 $\chi^2/\text{NDF}: 89487.0/6$

113.680 ± 0.023 $\chi^2/\text{NDF}: 888398.9/25$

113.120 ± 0.016 $\chi^2/\text{NDF}: 1777702.8/52$

112.554 ± 0.023 $\chi^2/\text{NDF}: 888103.3/26$

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2192.327+/-39.944 χ^2 /NDF: 22813.5/16

Left Out: -7193.531+/-40.639 χ^2 /NDF:27279.1/8

Right Out: -1284.692+/-37.915 χ^2 /NDF: 8584.4/19

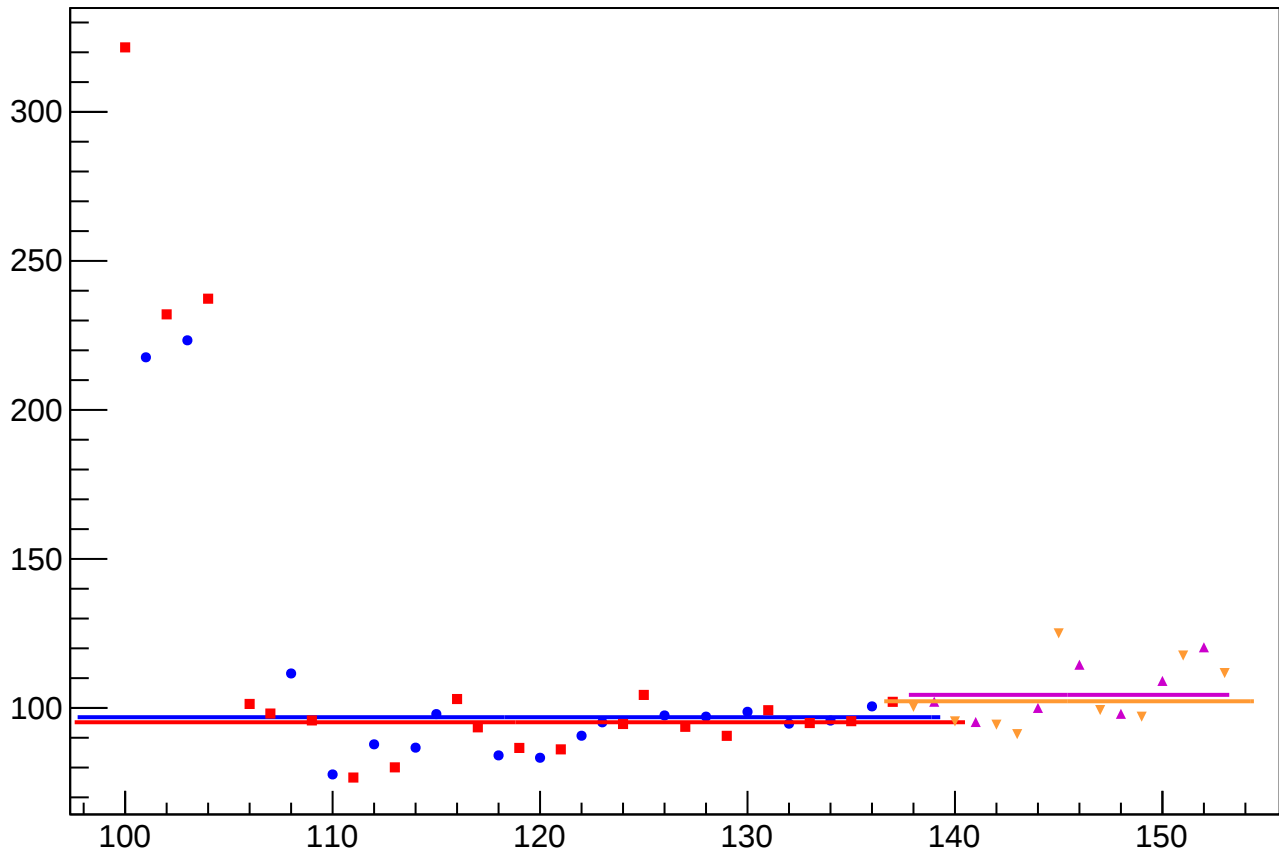
Left In: -6375.526+/-44.412 χ^2 /NDF:6935.7/6

-4649.812+/-28.487 χ^2 /NDF: 57795.7/25

-4047.749+/-20.266 χ^2 /NDF: 81820.2/52

-3430.833+/-28.836 χ^2 /NDF: 23120.2/26

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.894 ± 0.028 $\chi^2/\text{NDF}: 817229.9/16$

Left Out: 102.241 ± 0.029 $\chi^2/\text{NDF}: 126207.0/8$

Right Out: 95.201 ± 0.027 $\chi^2/\text{NDF}: 859838.2/19$

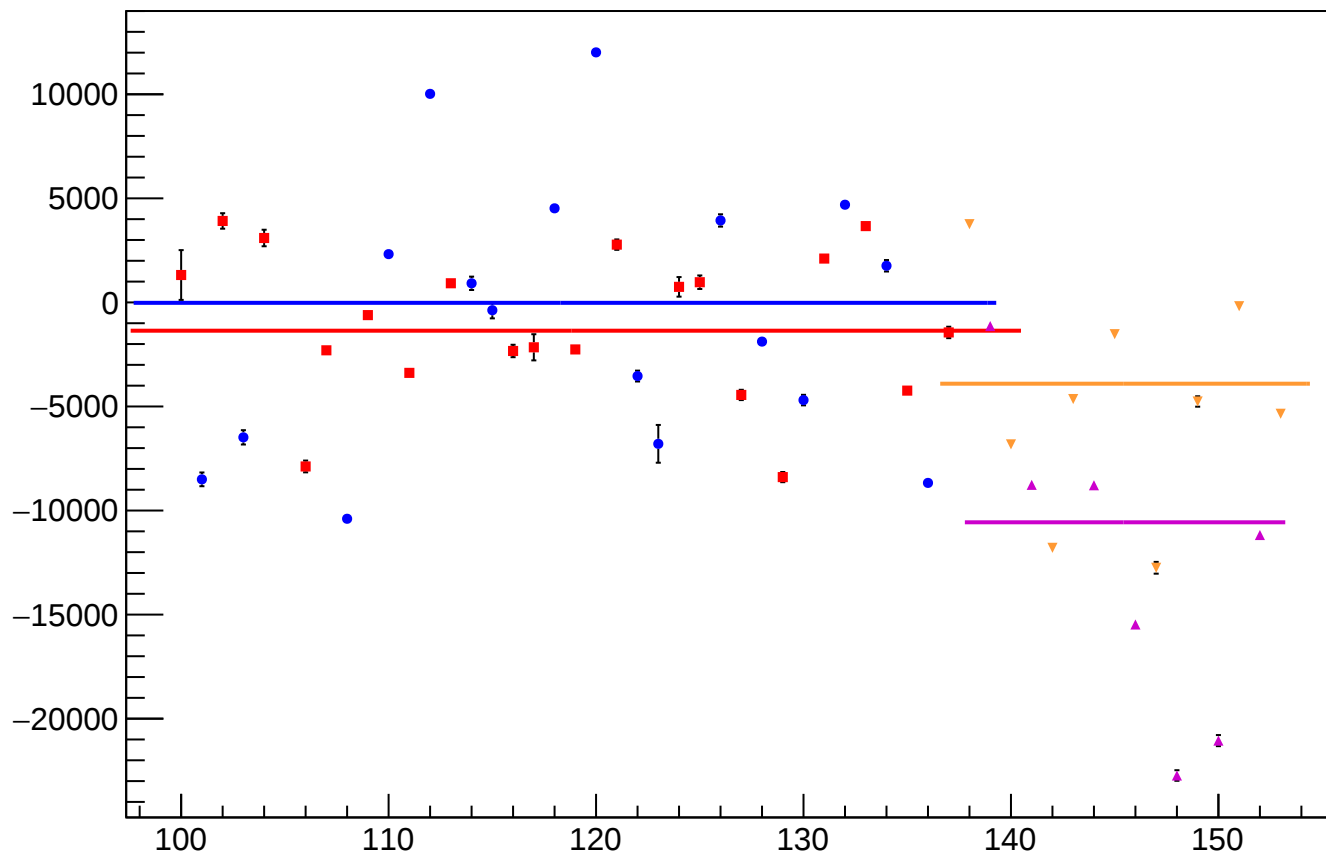
Left In: 104.393 ± 0.031 $\chi^2/\text{NDF}: 69863.4/6$

99.521 ± 0.020 $\chi^2/\text{NDF}: 961046.7/25$

99.302 ± 0.014 $\chi^2/\text{NDF}: 1940542.1/52$

99.076 ± 0.020 $\chi^2/\text{NDF}: 979254.6/26$

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -19.990 ± 54.643 $\chi^2/\text{NDF}: 16361.0/16$

Left Out: -3905.745 ± 64.143 $\chi^2/\text{NDF}: 5371.7/8$

Right Out: -1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

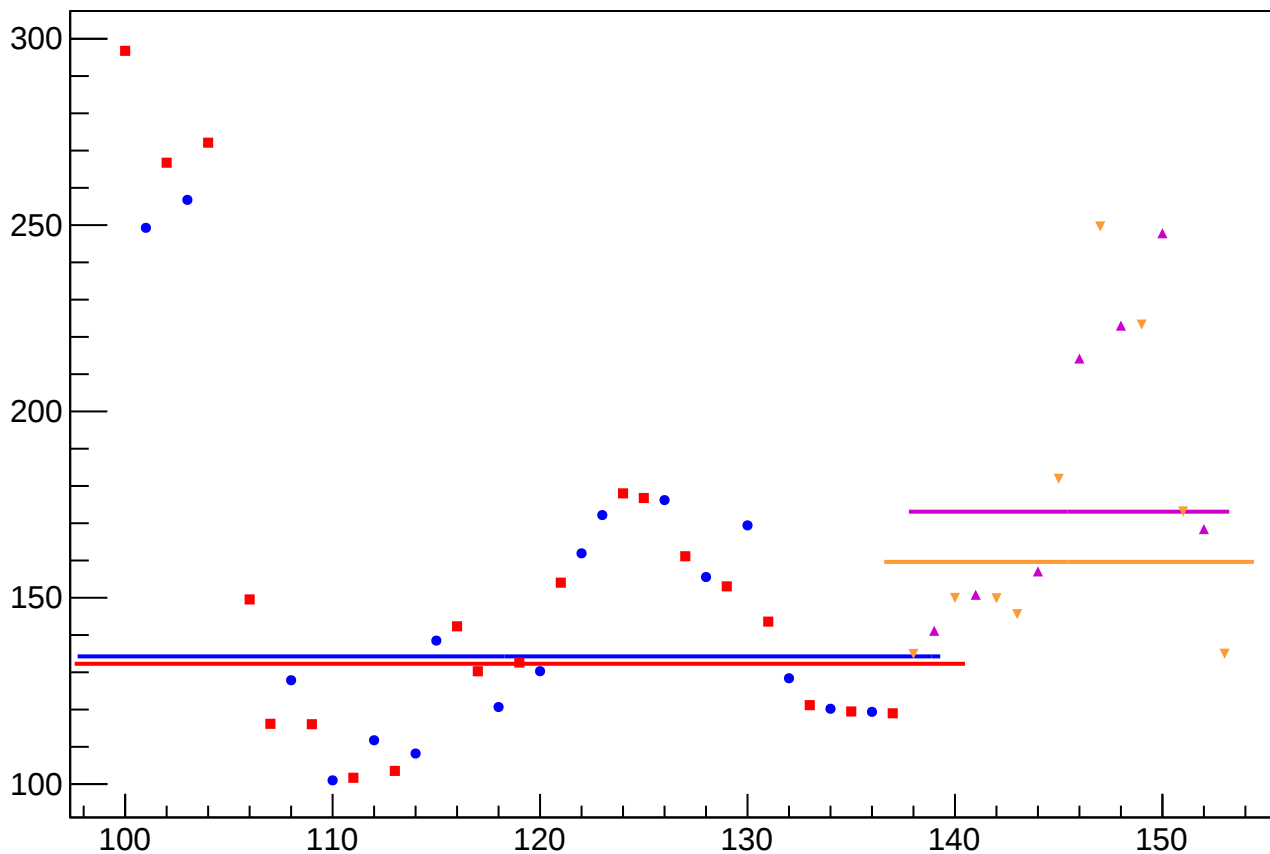
Left In: -10564.928 ± 74.955 $\chi^2/\text{NDF}: 7432.5/6$

-1654.085 ± 41.596 $\chi^2/\text{NDF}: 23859.3/25$

-2969.773 ± 29.839 $\chi^2/\text{NDF}: 47351.5/52$

-4364.551 ± 42.828 $\chi^2/\text{NDF}: 21431.2/26$

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.039 χ^2/NDF : 788647.0/16

Left Out: 159.628+/-0.045 χ^2/NDF : 487531.1/8

Right Out: 132.288+/-0.037 χ^2/NDF : 869913.4/19

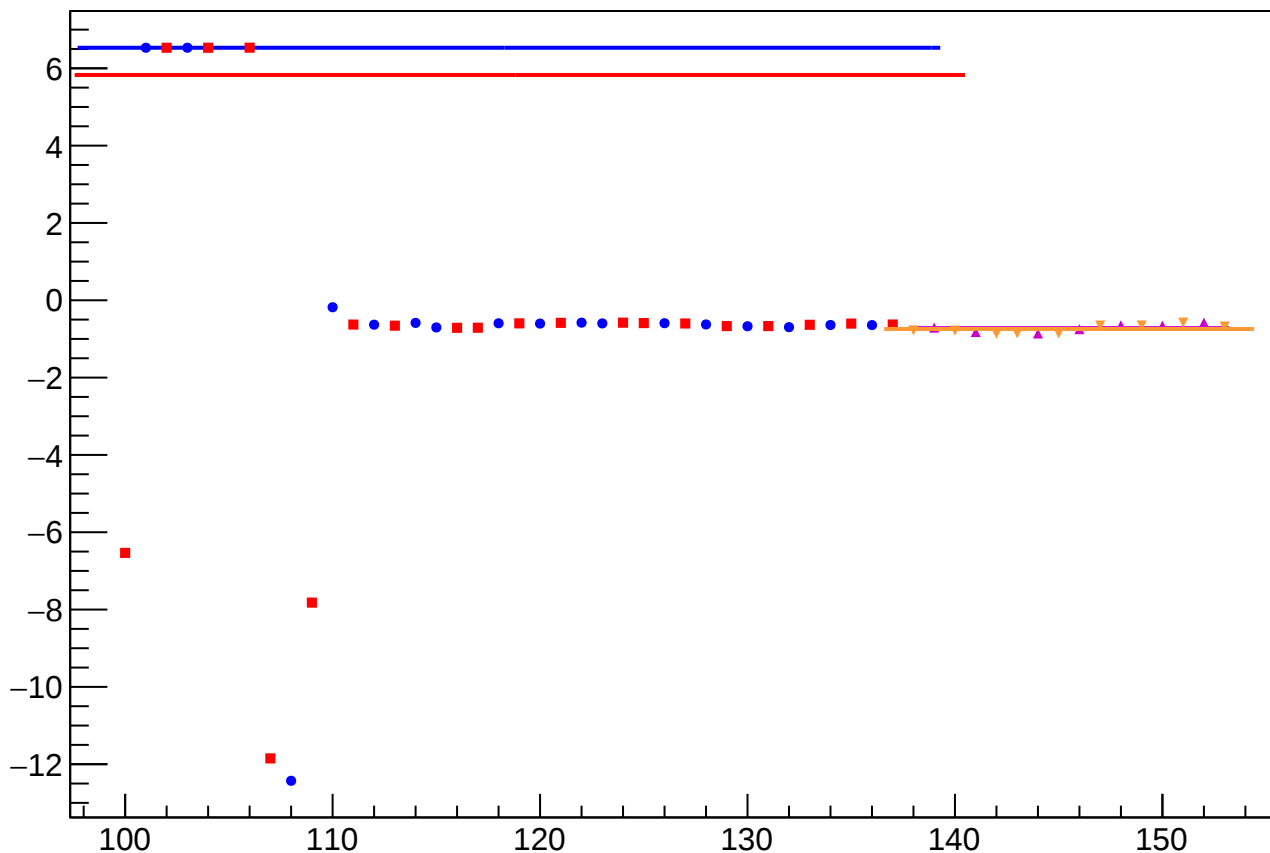
Left In: 173.101+/-0.053 χ^2/NDF : 416105.5/6

144.932+/-0.029 χ^2/NDF : 1457334.0/25

145.263+/-0.021 χ^2/NDF : 3142976.6/52

145.613+/-0.030 χ^2/NDF : 1685382.9/26

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 127906780672.7/16

Left Out: -0.743+/-0.000 χ^2/NDF : 67147104.6/8

Right Out: 5.827+/-0.000 χ^2/NDF : 755949520765363.8/19

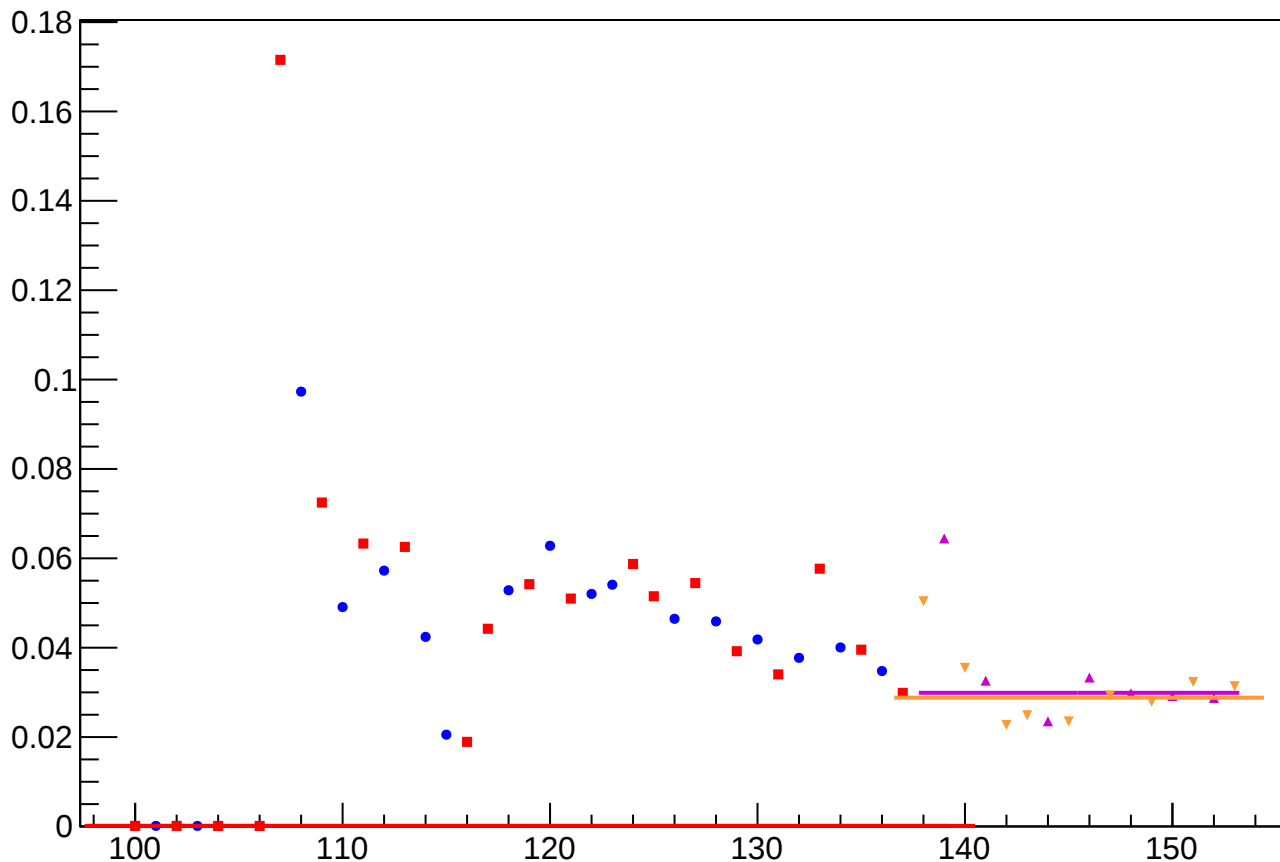
Left In: -0.719+/-0.000 χ^2/NDF : 52121609.8/6

6.531+/-0.000 χ^2/NDF : 443850670129.3/25

6.154+/-0.000 χ^2/NDF : 77659343693133

5.827+/-0.000 χ^2/NDF : 756156862065447.1/26

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9028405.7/16

Left Out: 0.029+/-0.000 χ^2/NDF : 409326.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

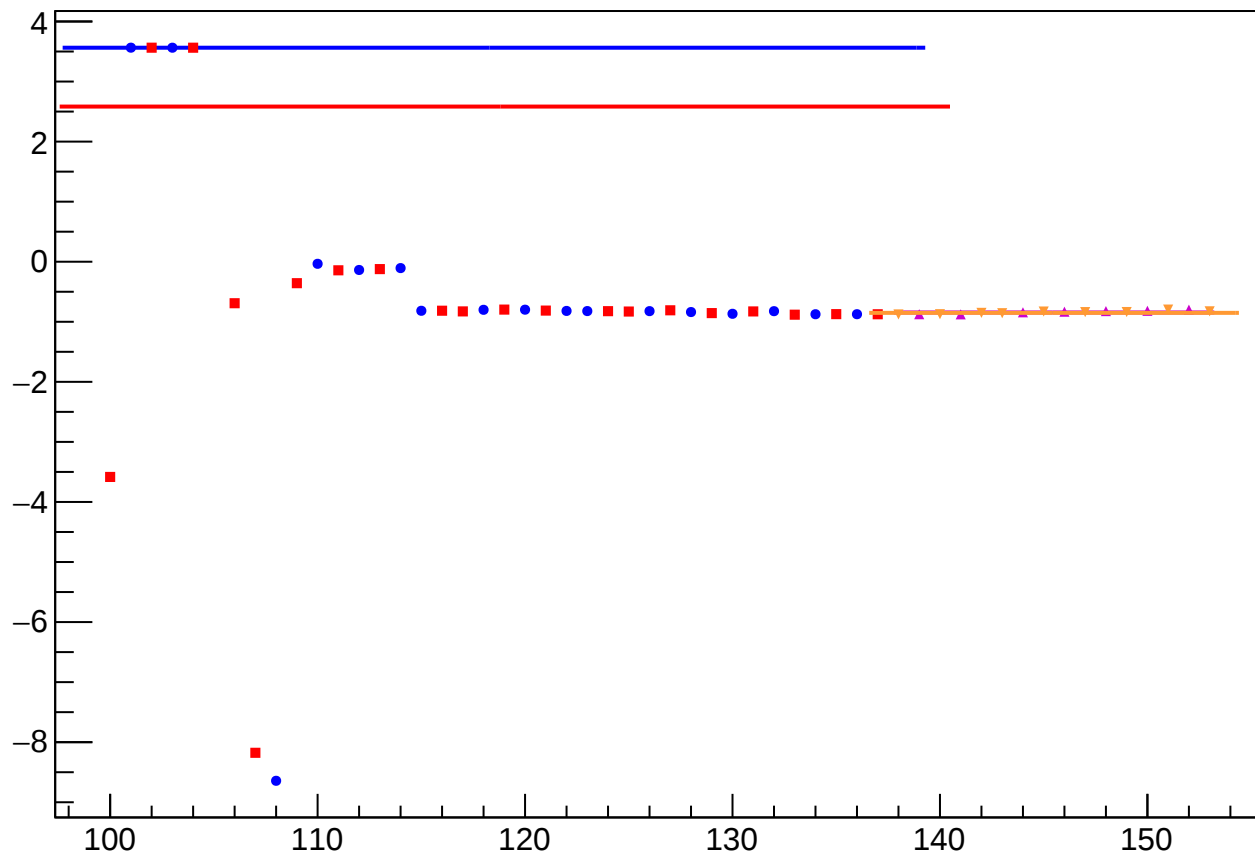
Left In: 0.030+/-0.000 χ^2/NDF : 493804.7/6

0.000+/-0.000 χ^2/NDF : 19263592.0/25

0.000+/-0.000 χ^2/NDF : 37790612.8/52

0.000+/-0.000 χ^2/NDF : 18526572.2/26

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 486958795673.0/16

Left Out: -0.851+/-0.000 χ^2/NDF : 32847359.3/8

Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

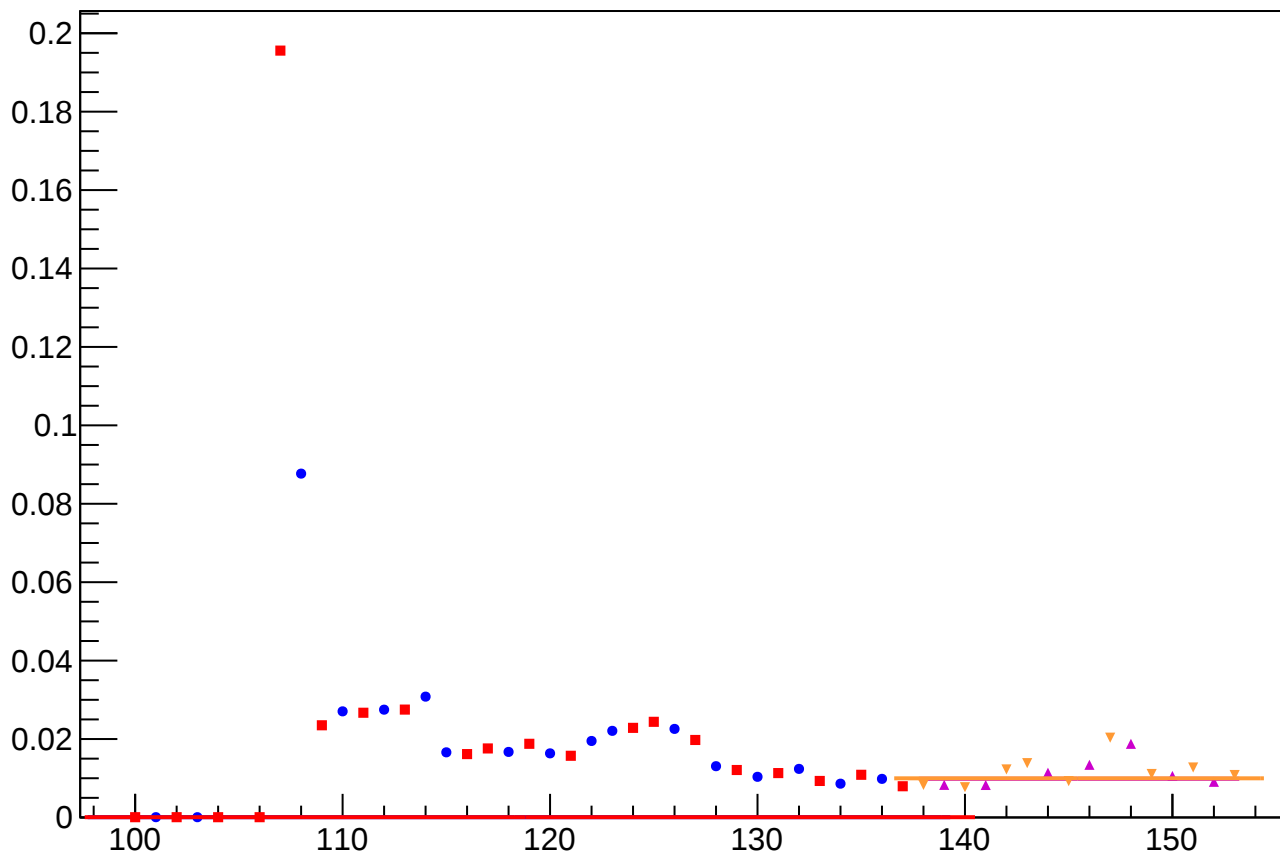
Left In: -0.845+/-0.000 χ^2/NDF : 44655283.7/6

3.562+/-0.000 χ^2/NDF : 1447702880376.8/25

3.040+/-0.000 χ^2/NDF : 13836945772518

2.583+/-0.000 χ^2/NDF : 1254038452088873.0/2

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9848258.0/16

Left Out: 0.010+/-0.000 χ^2/NDF : 715622.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

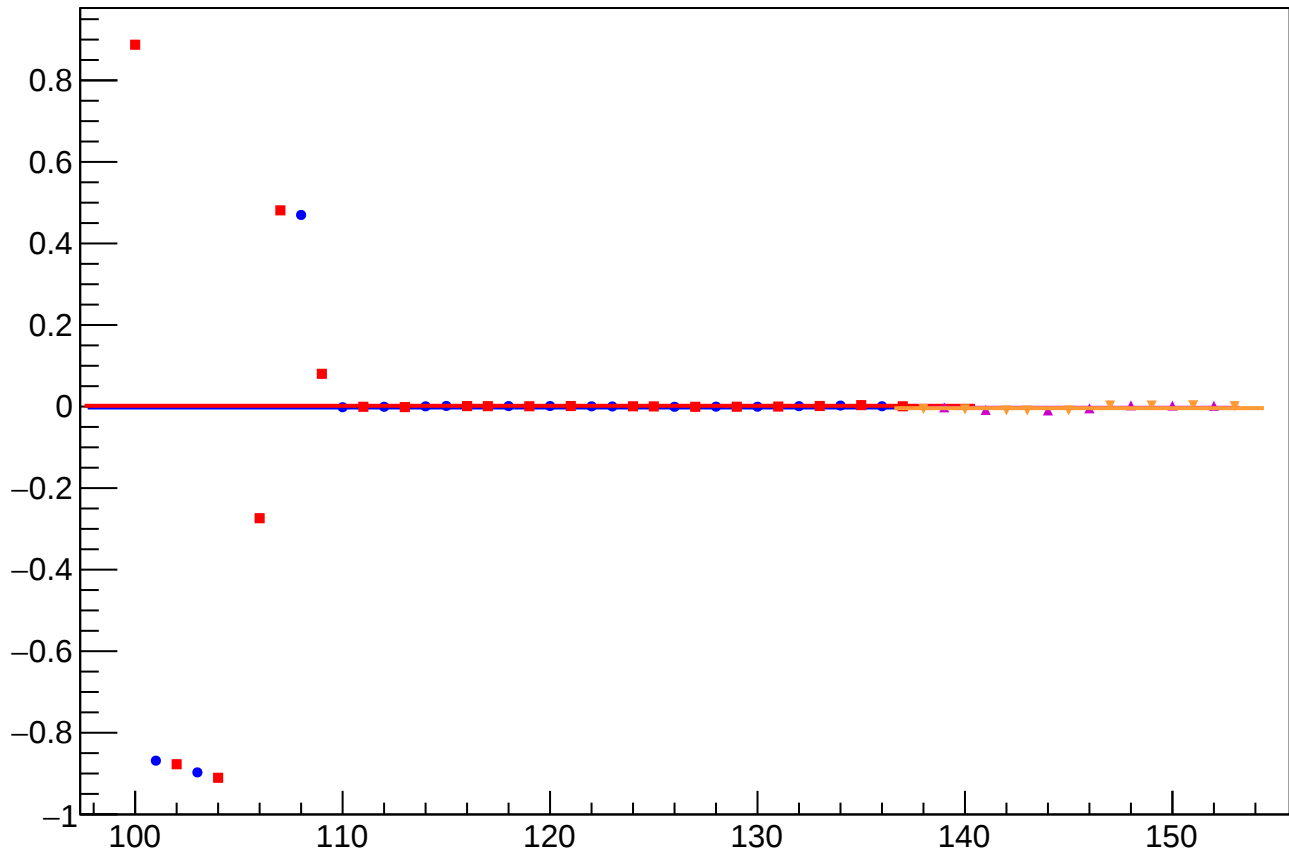
Left In: 0.010+/-0.000 χ^2/NDF : 531996.8/6

0.000+/-0.000 χ^2/NDF : 20251768.7/25

0.000+/-0.000 χ^2/NDF : 39417746.2/52

0.000+/-0.000 χ^2/NDF : 19165435.1/26

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000 χ^2/NDF : 9795424036.3/16

Left Out: -0.004+/-0.000 χ^2/NDF : 66950289.1/8

Right Out: 0.002+/-0.000 χ^2/NDF : 3041335141.0/19

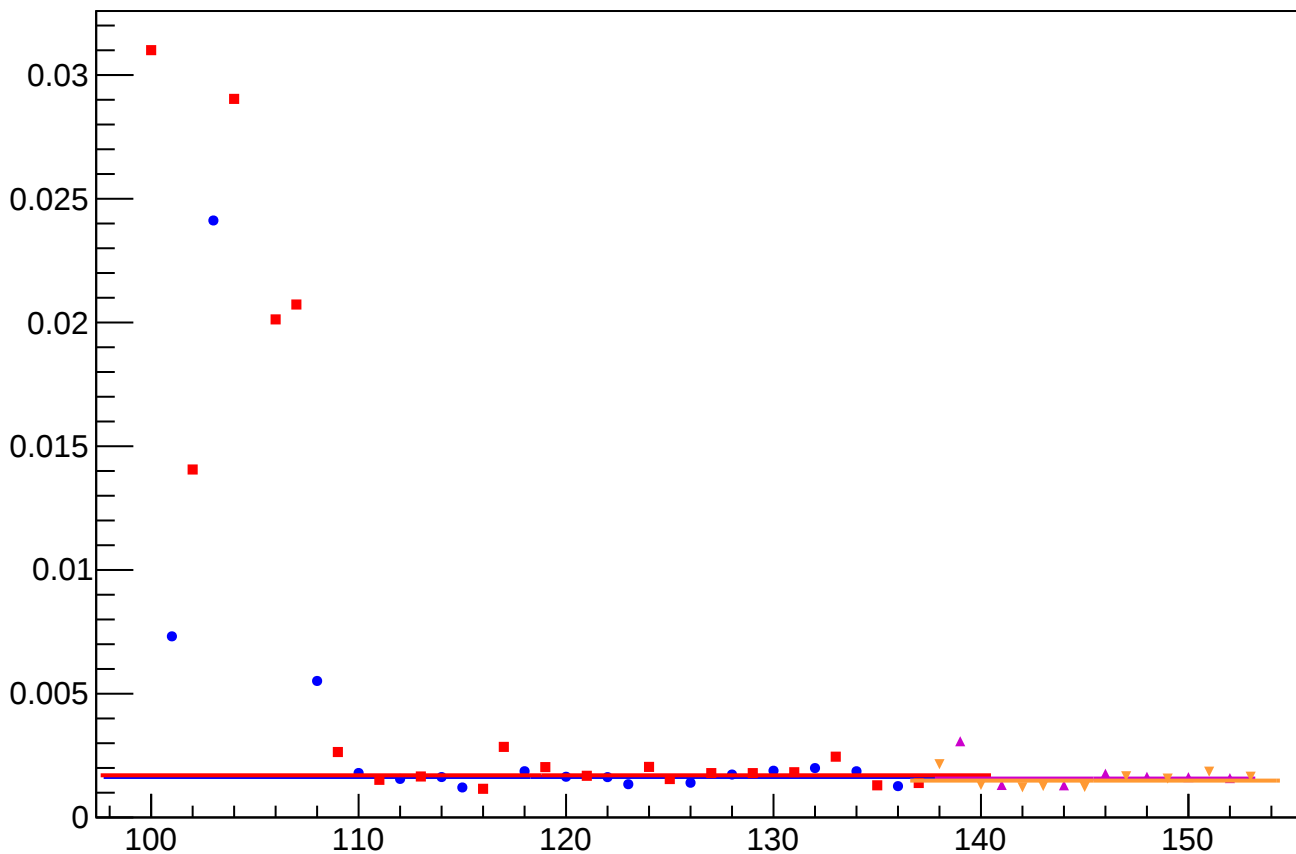
Left In: -0.003+/-0.000 χ^2/NDF : 47916975.7/6

-0.003+/-0.000 χ^2/NDF : 9864959588.0/25

-0.002+/-0.000 χ^2/NDF : 12984808618.6/5

-0.001+/-0.000 χ^2/NDF : 3109050075.2/26

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1919127.9/16

Left Out: 0.001+/-0.000 χ^2/NDF : 318550.6/8

Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

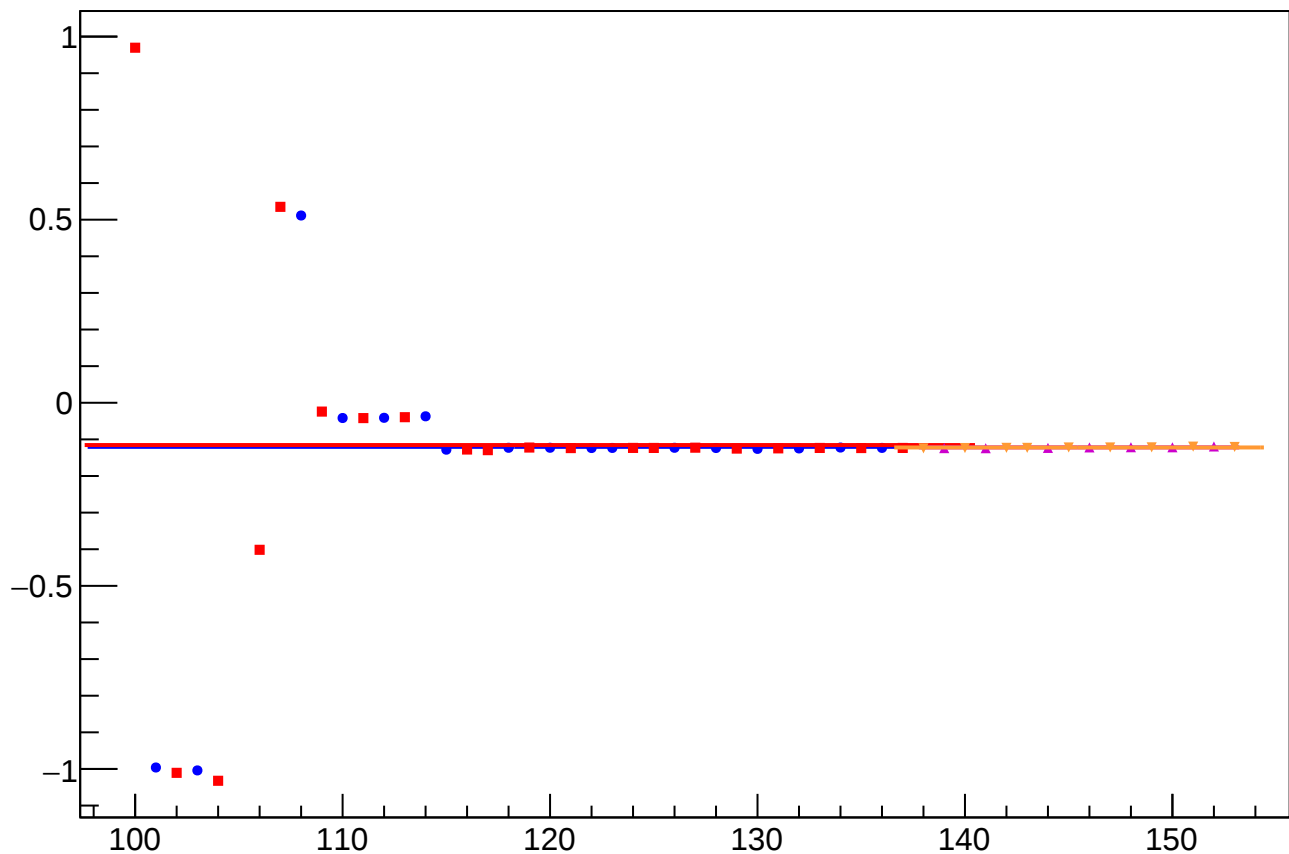
Left In: 0.002+/-0.000 χ^2/NDF : 444476.6/6

0.002+/-0.000 χ^2/NDF : 2279248.5/25

0.002+/-0.000 χ^2/NDF : 5814082.3/52

0.002+/-0.000 χ^2/NDF : 3511746.1/26

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 3932311162.8/16

Left Out: -0.122+/-0.000 χ^2/NDF : 8391534.4/8

Right Out: -0.115+/-0.000 χ^2/NDF : 2458720596.9/19

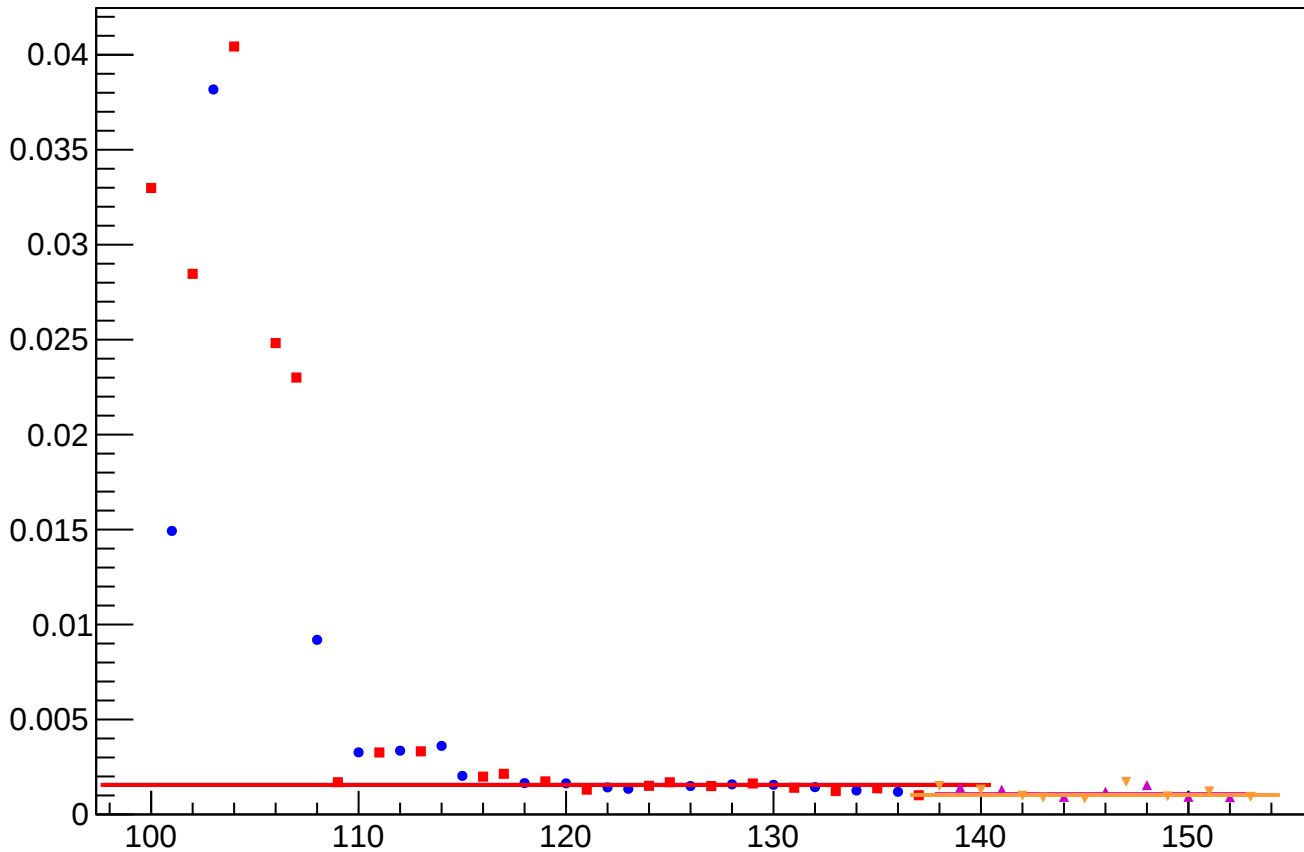
Left In: -0.122+/-0.000 χ^2/NDF : 11472207.5/6

-0.122+/-0.000 χ^2/NDF : 3944829358.1/25

-0.121+/-0.000 χ^2/NDF : 6478506614.8/52

-0.120+/-0.000 χ^2/NDF : 2523946176.0/26

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:611352.6/8

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

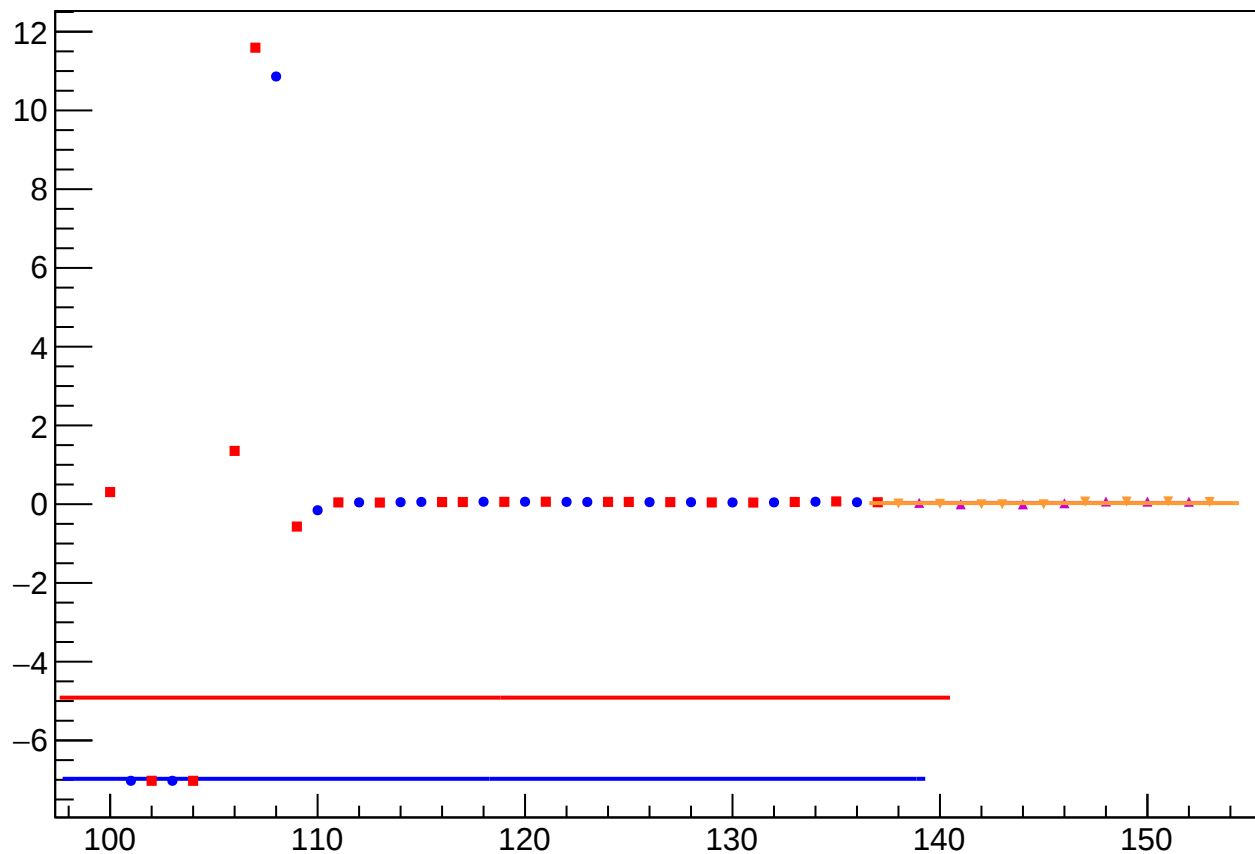
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF:405364.2/6

0.001 $\pm$ 0.000 χ^2 /NDF: 4314605.5/25

0.001 $\pm$ 0.000 χ^2 /NDF: 8911393.9/52

0.001 $\pm$ 0.000 χ^2 /NDF: 4577498.3/26

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.028+/-0.000 χ^2/NDF : 66960528.1/8

Right Out: -4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

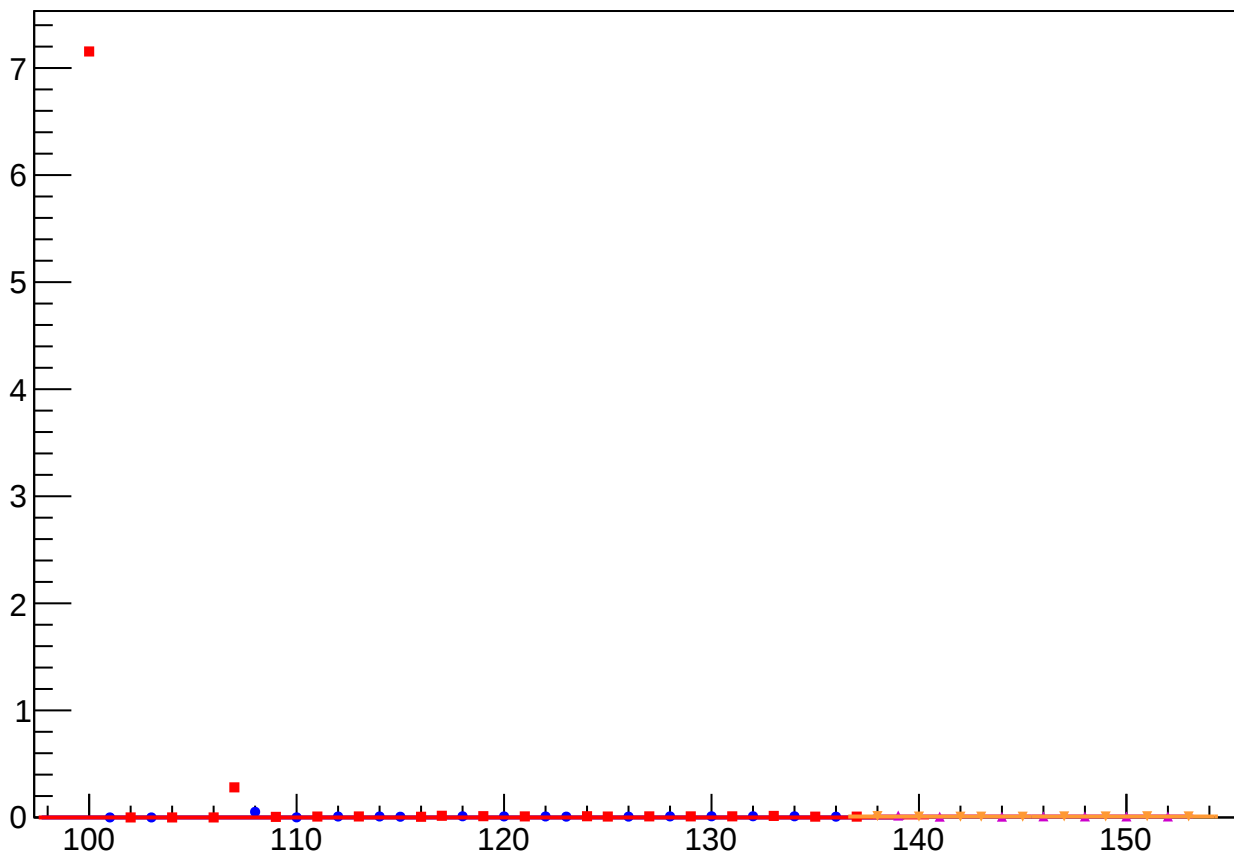
Left In: 0.032+/-0.000 χ^2/NDF : 51388511.2/6

-6.957+/-0.000 χ^2/NDF : 11928661591763.6/25

-5.887+/-0.000 χ^2/NDF : 43440546243716

-4.905+/-0.000 χ^2/NDF : 366623771747799.5/2

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 8362763.6/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 322998.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8880914.4/19

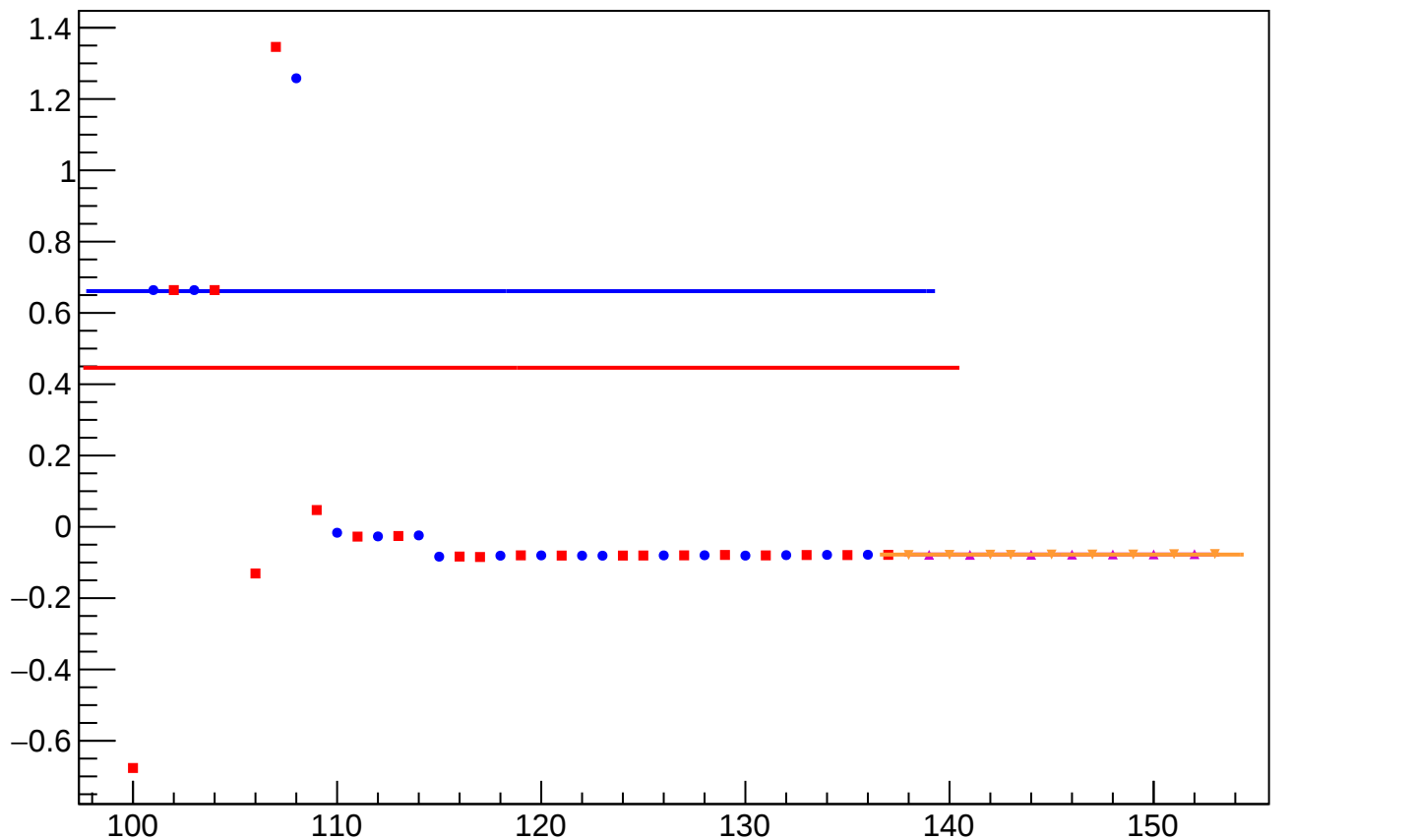
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 445568.3/6

0.000 $\pm$ 0.000 χ^2/NDF : 18164046.1/25

0.000 $\pm$ 0.000 χ^2/NDF : 35860854.4/52

0.000 $\pm$ 0.000 χ^2/NDF : 17694939.1/26

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661+/-0.000 χ^2/NDF : 5678332616622.1/16

Left Out: -0.078+/-0.000 χ^2/NDF : 12173205.5/8

Right Out: 0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

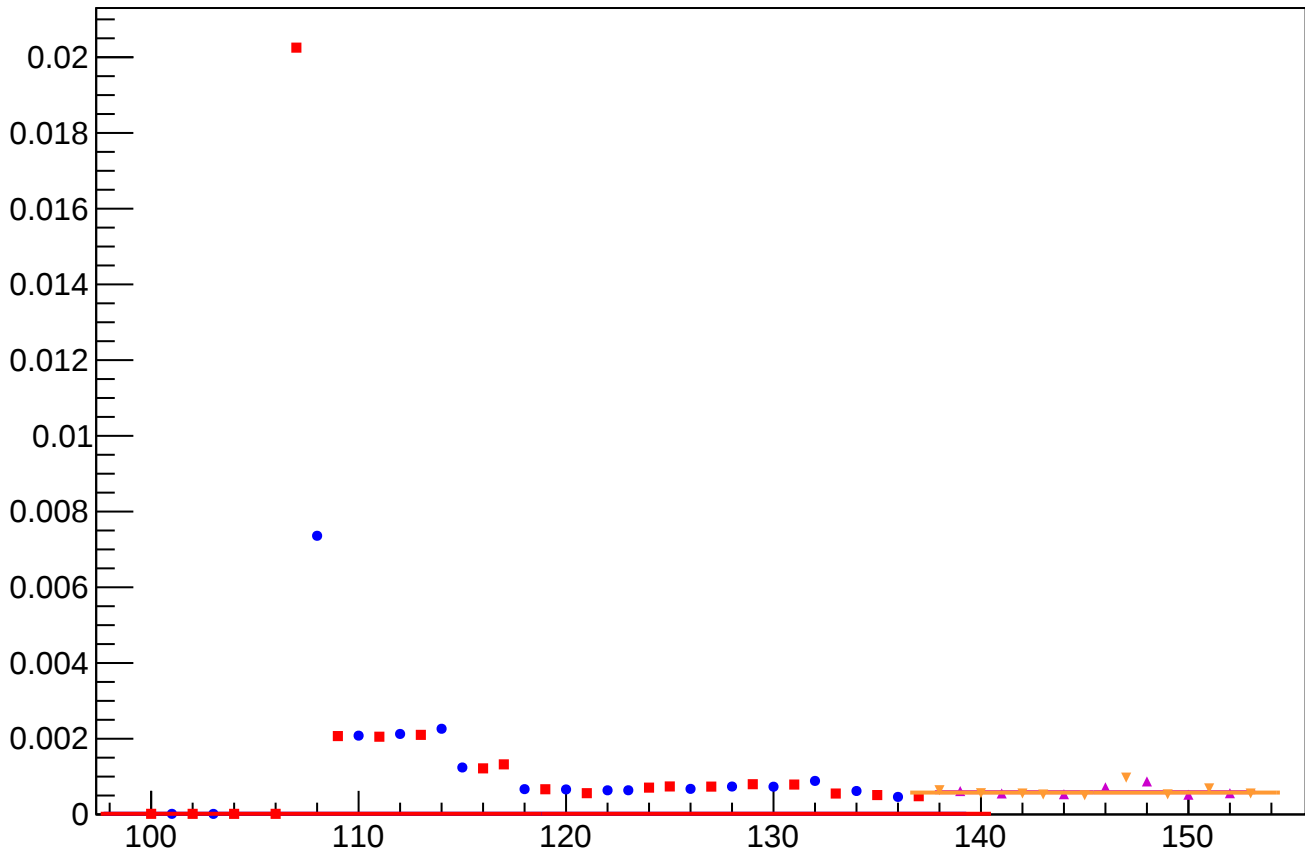
Left In: -0.078+/-0.000 χ^2/NDF : 7826742.8/6

0.656+/-0.000 χ^2/NDF : 15540697693151.2/25

0.545+/-0.000 χ^2/NDF : 48711291834697

0.443+/-0.000 χ^2/NDF : 409627672034053.6/26

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 : 356551.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 9575039.3/19

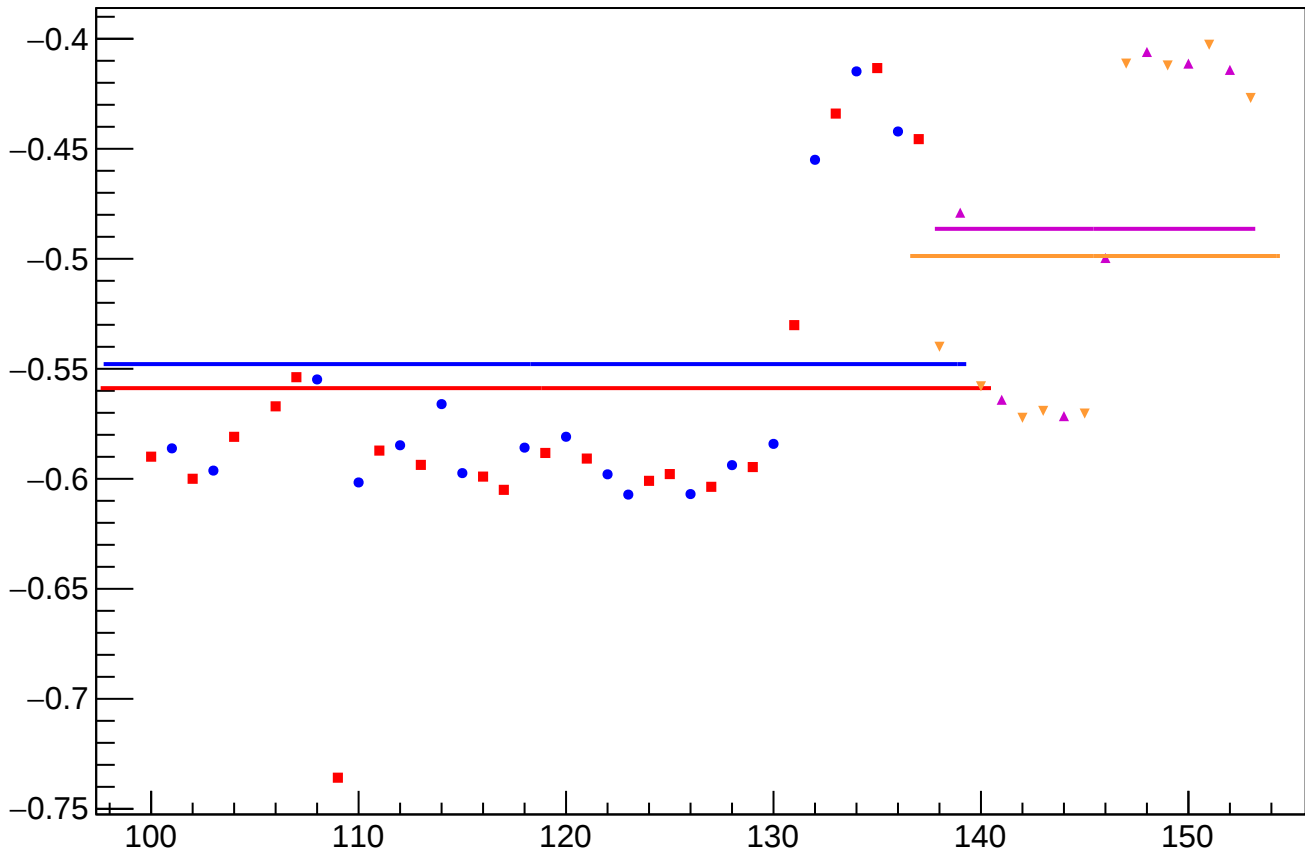
Left In: 0.001+/-0.000 χ^2/NDF : 267375.7/6

0.000+/-0.000 χ^2/NDF : 21666368.1/25

0.000+/-0.000 χ^2/NDF : 41449263.2/52

0.000+/-0.000 χ^2/NDF : 19780700.0/26

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48579920.8/16

Left Out: -0.499+/-0.000 χ^2/NDF : 73716101.8/8

Right Out: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

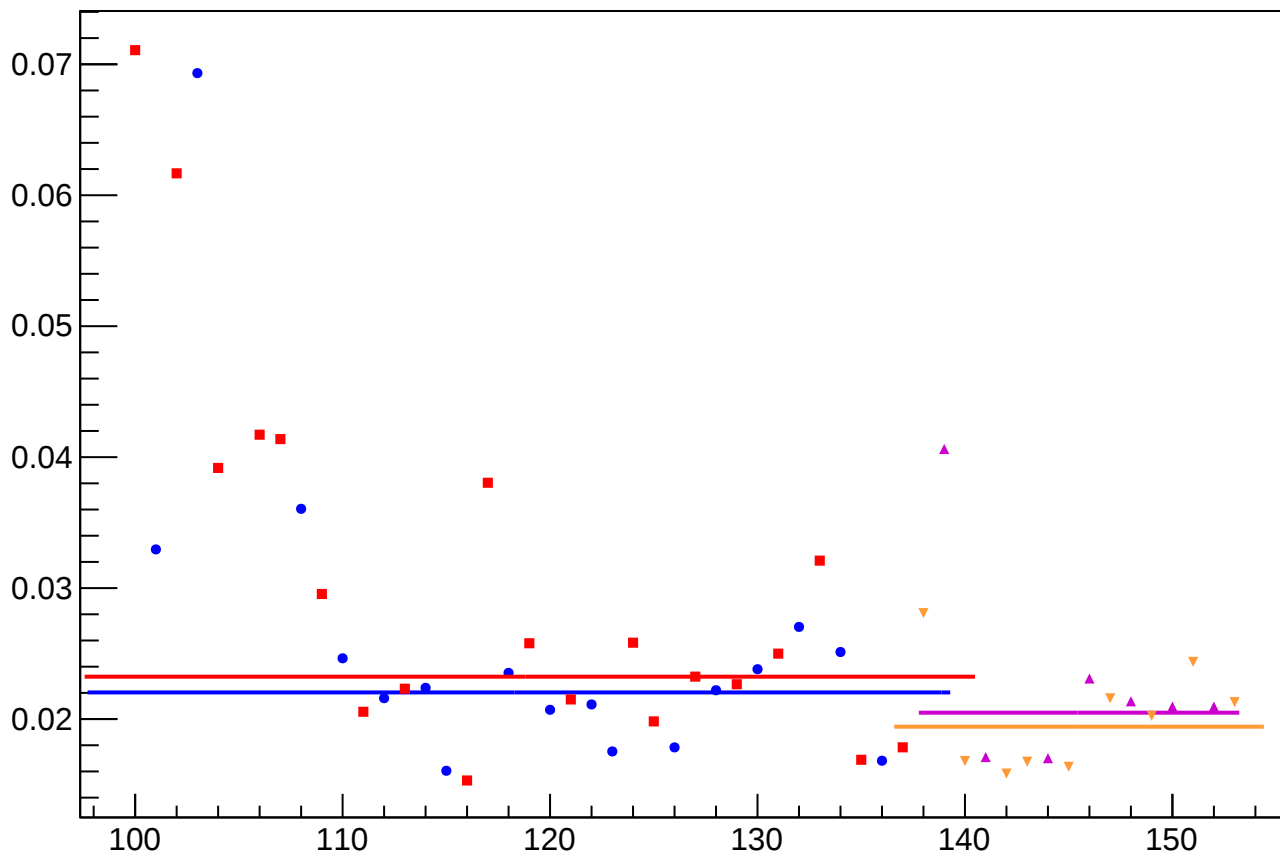
Left In: -0.486+/-0.000 χ^2/NDF : 54303872.0/6

-0.521+/-0.000 χ^2/NDF : 136360422.4/25

-0.521+/-0.000 χ^2/NDF : 283030481.8/52

-0.522+/-0.000 χ^2/NDF : 146654670.2/26

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022 ± 0.000 $\chi^2/\text{NDF}: 958966.6/16$

Left Out: 0.019 ± 0.000 $\chi^2/\text{NDF}: 311279.3/8$

Right Out: 0.023 ± 0.000 $\chi^2/\text{NDF}: 1169205.3/19$

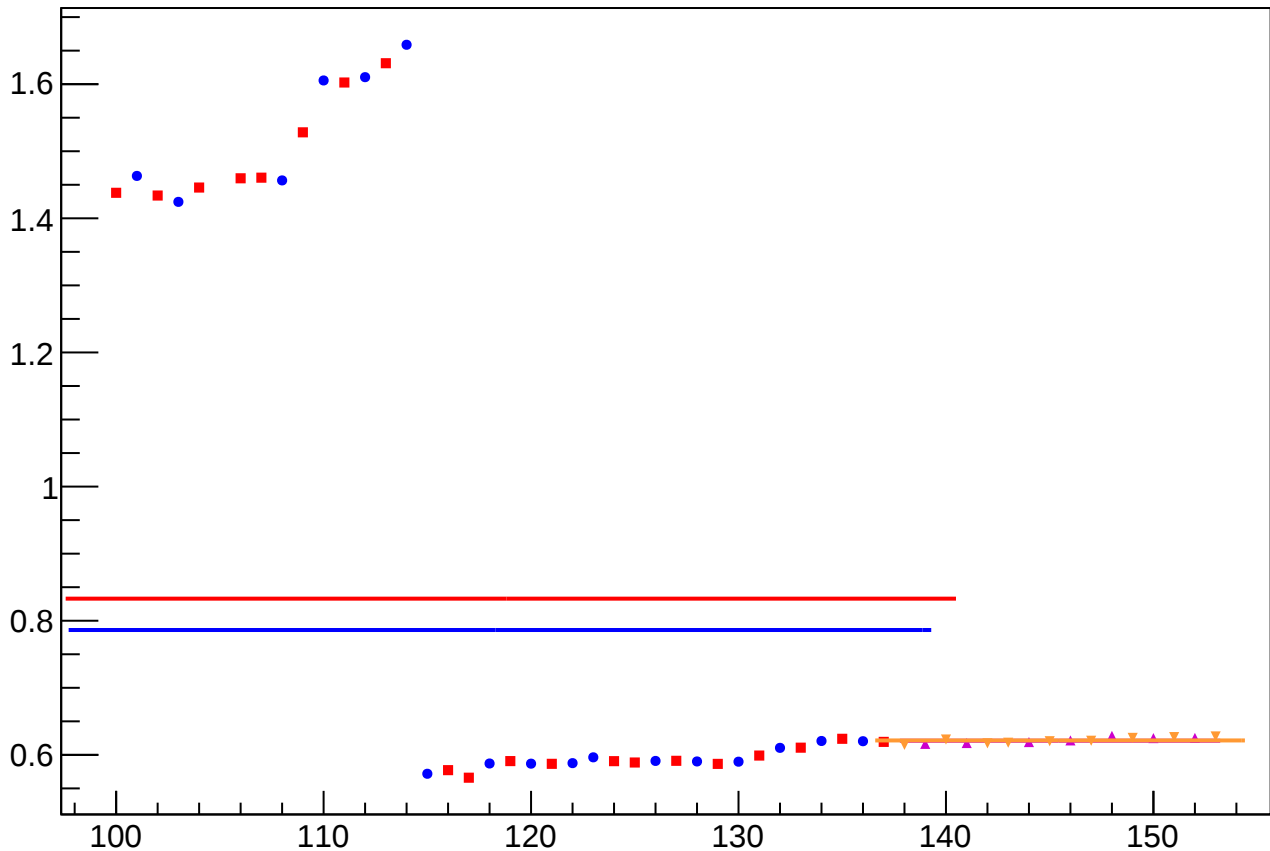
Left In: 0.020 ± 0.000 $\chi^2/\text{NDF}: 449705.2/6$

0.021 ± 0.000 $\chi^2/\text{NDF}: 1349996.2/25$

0.021 ± 0.000 $\chi^2/\text{NDF}: 3079528.2/52$

0.022 ± 0.000 $\chi^2/\text{NDF}: 1695531.7/26$

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.786+/-0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.622+/-0.000 χ^2/NDF : 653674.6/8

Right Out: 0.833+/-0.000 χ^2/NDF : 4160348649.7/19

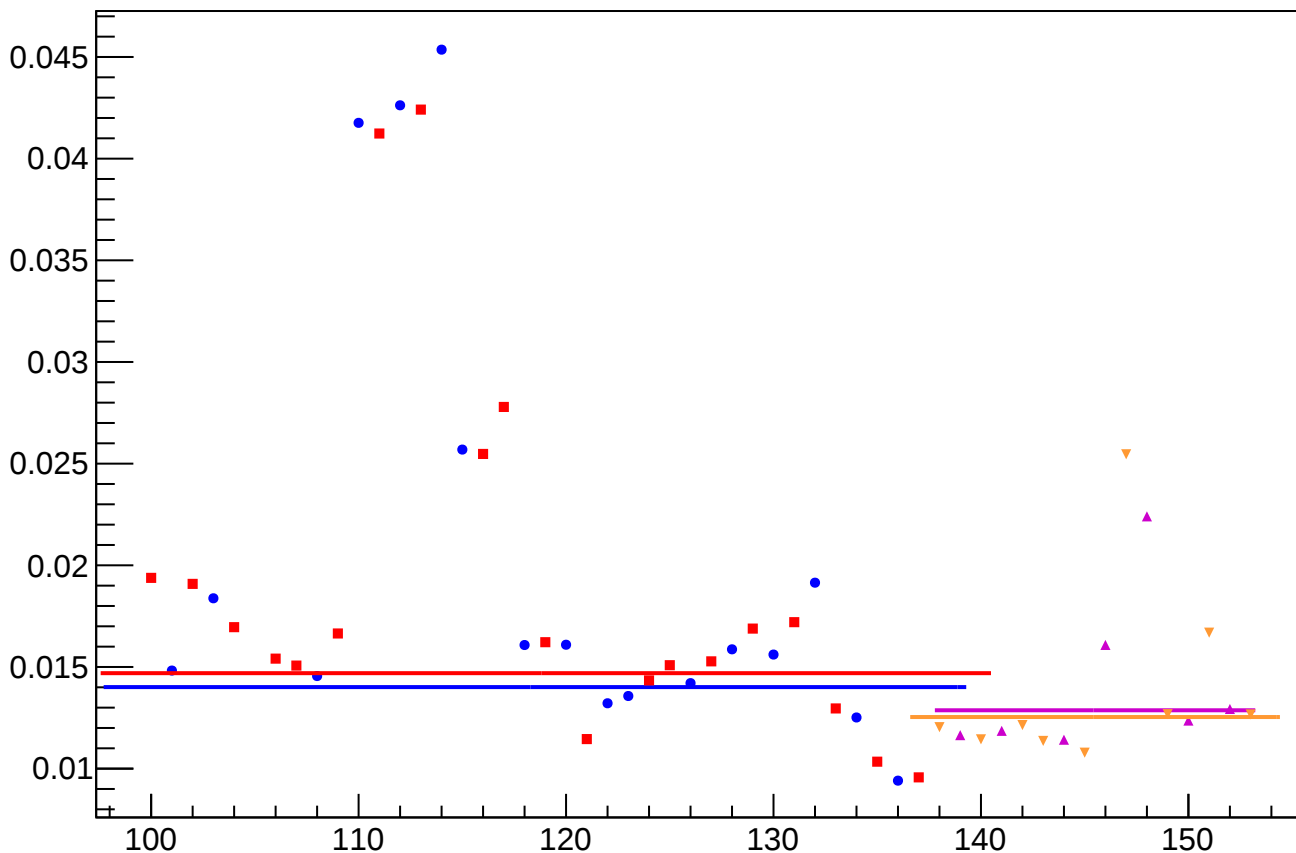
Left In: 0.621+/-0.000 χ^2/NDF : 450878.3/6

0.692+/-0.000 χ^2/NDF : 4037601147.8/25

0.705+/-0.000 χ^2/NDF : 8891092219.0/52

0.720+/-0.000 χ^2/NDF : 4828916429.4/26

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.013 $\pm$ 0.000 χ^2/NDF : 541438.7/8

Right Out: 0.015 $\pm$ 0.000 χ^2/NDF : 1280473.4/19

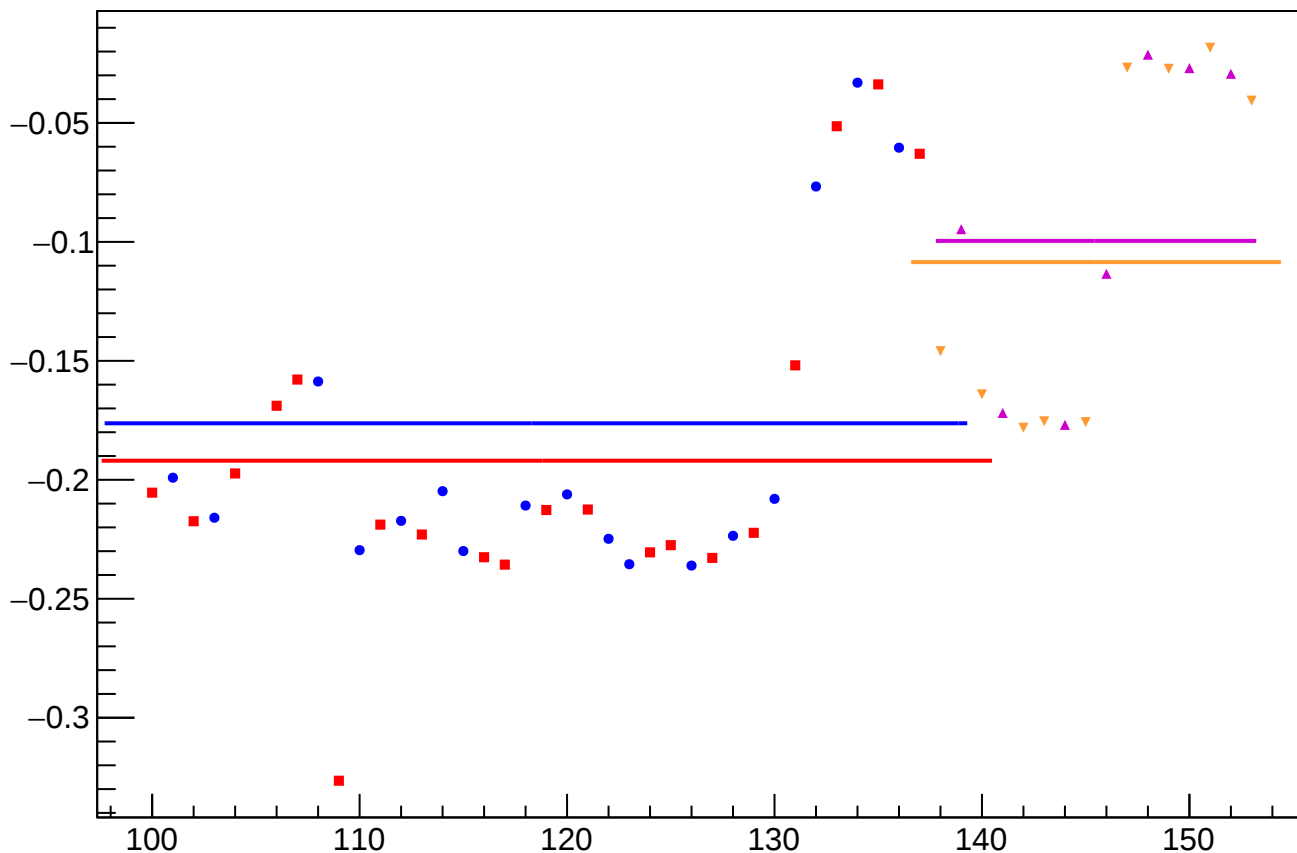
Left In: 0.013 $\pm$ 0.000 χ^2/NDF : 389184.8/6

0.013 $\pm$ 0.000 χ^2/NDF : 2017796.7/25

0.013 $\pm$ 0.000 χ^2/NDF : 3805982.4/52

0.014 $\pm$ 0.000 χ^2/NDF : 1768825.2/26

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70137178.3/16

Left Out: -0.108+/-0.000 χ^2/NDF : 71727038.9/8

Right Out: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

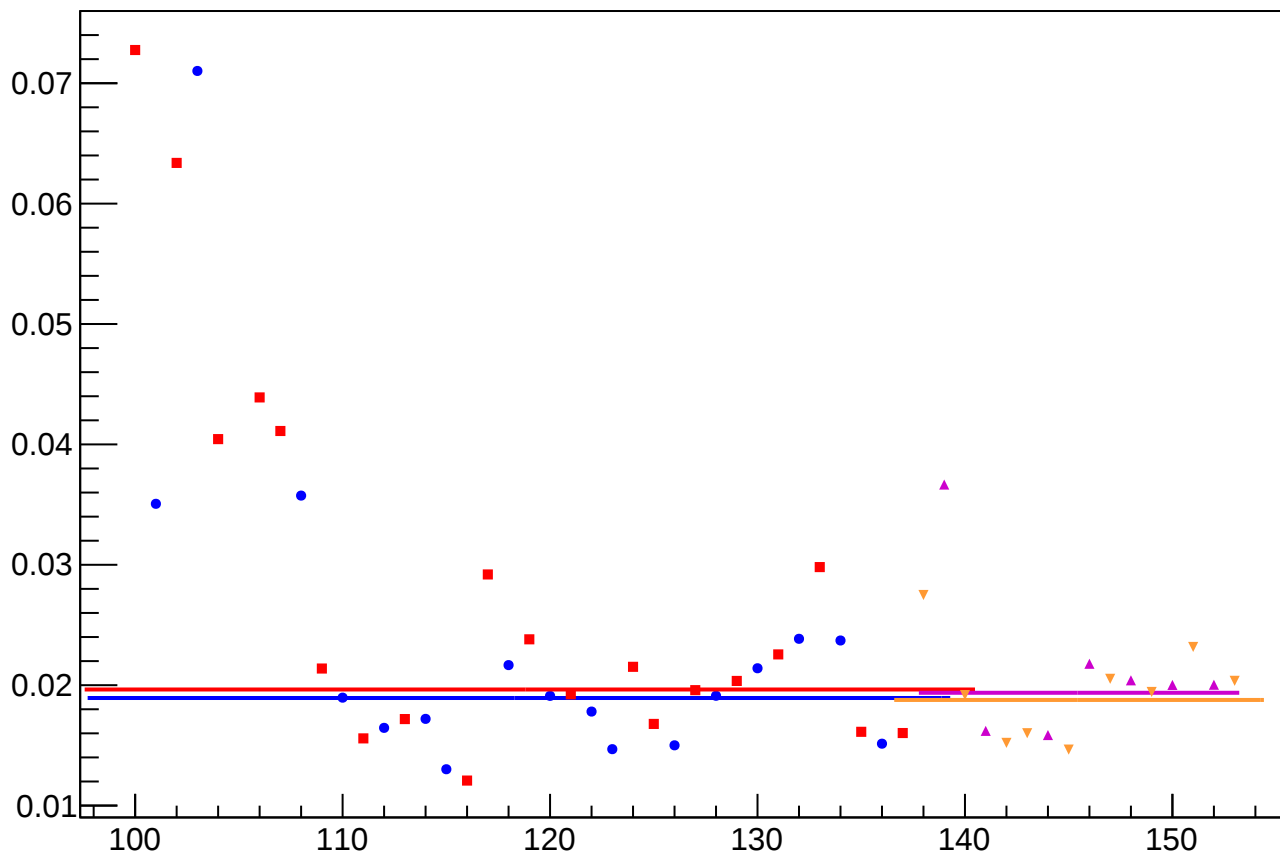
Left In: -0.100+/-0.000 χ^2/NDF : 54521127.4/6

-0.142+/-0.000 χ^2/NDF : 174226391.4/25

-0.145+/-0.000 χ^2/NDF : 366901294.7/52

-0.149+/-0.000 χ^2/NDF : 191996898.0/26

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1205858.0/16

Left Out: 0.019+/-0.000 χ^2/NDF : 338840.8/8

Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

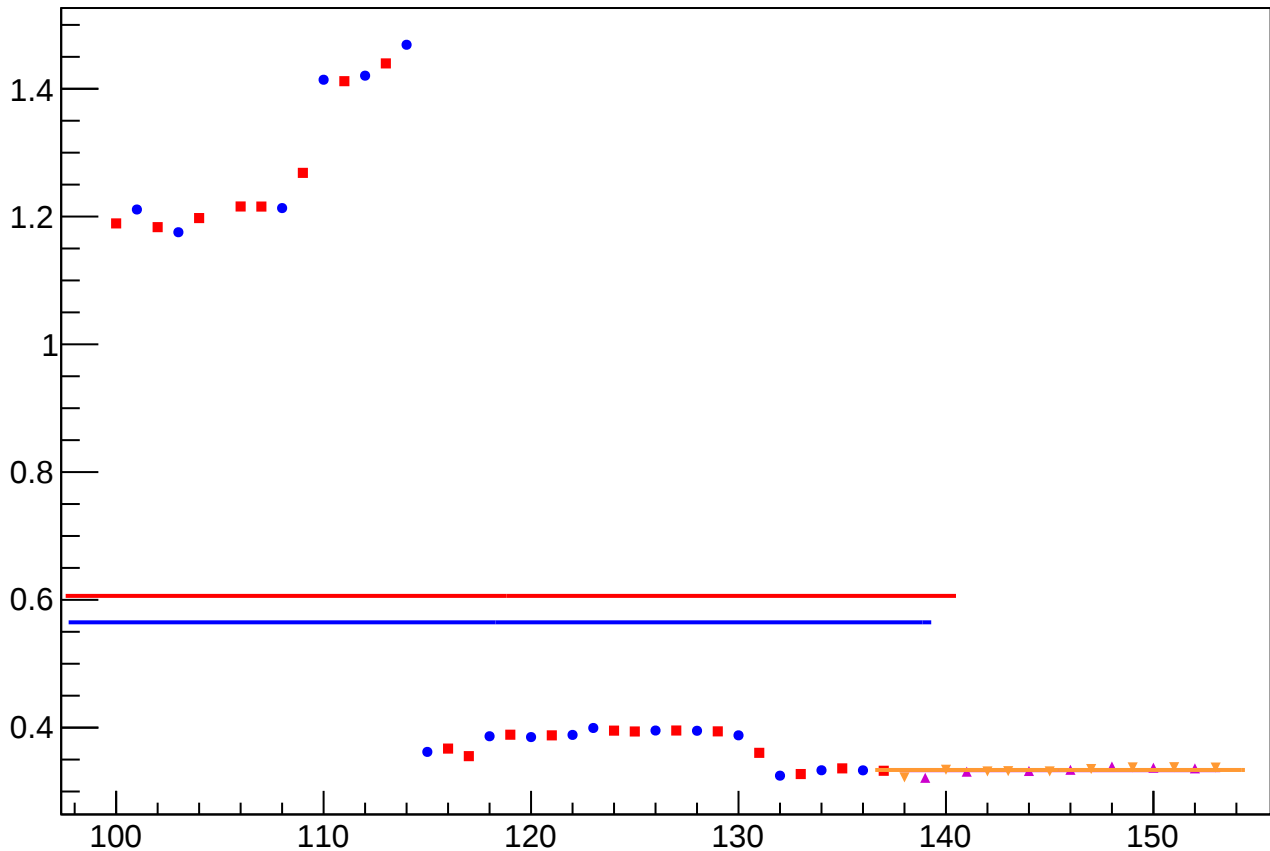
Left In: 0.019+/-0.000 χ^2/NDF : 429598.5/6

0.019+/-0.000 χ^2/NDF : 1545066.3/25

0.019+/-0.000 χ^2/NDF : 3453574.1/52

0.020+/-0.000 χ^2/NDF : 1896820.8/26

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.565 $\pm$ 0.000 χ^2/NDF : 5030969499.3/16

Left Out: 0.334 $\pm$ 0.000 χ^2/NDF : 904530.6/8

Right Out: 0.606 $\pm$ 0.000 χ^2/NDF : 5517630064.2/19

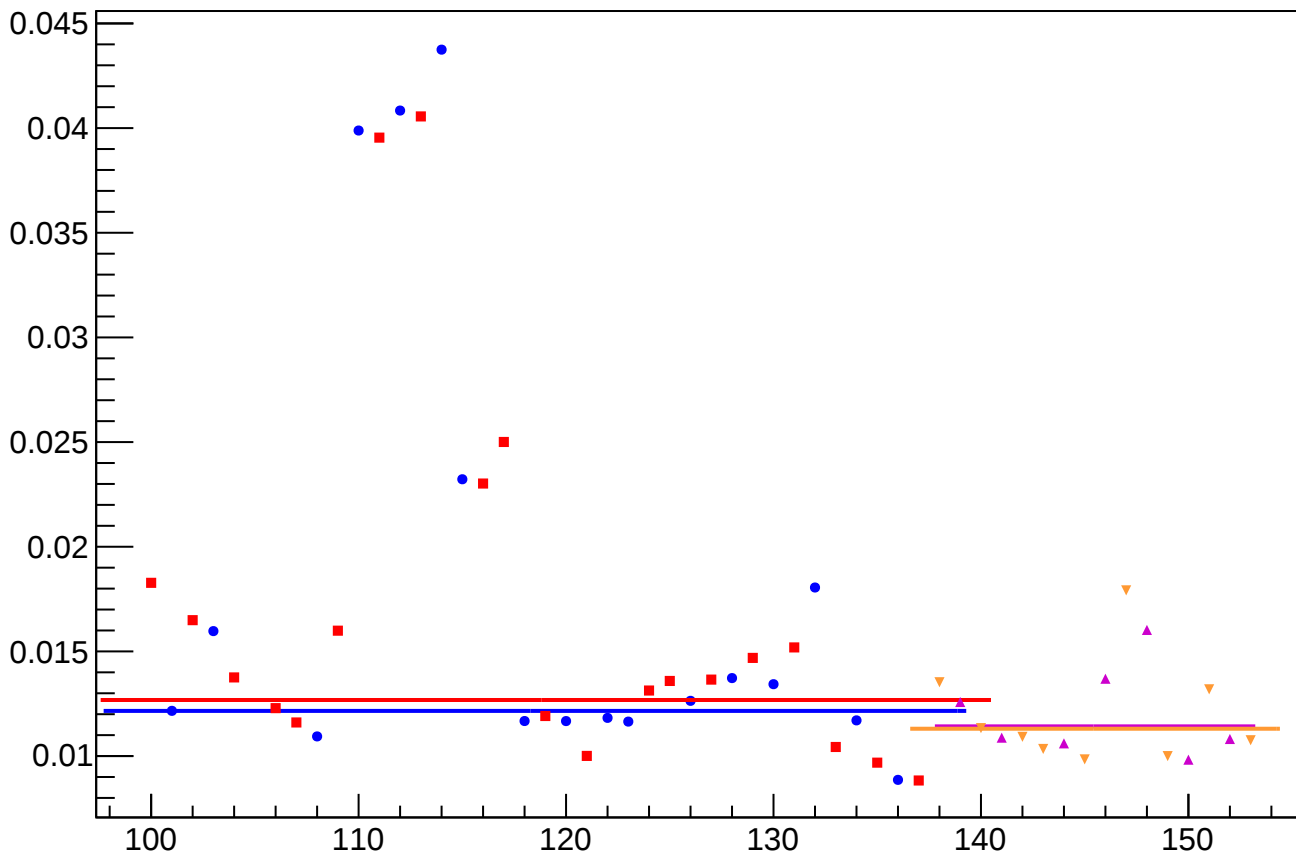
Left In: 0.333 $\pm$ 0.000 χ^2/NDF : 929899.3/6

0.437 $\pm$ 0.000 χ^2/NDF : 6167326538.9/25

0.449 $\pm$ 0.000 χ^2/NDF : 13156399281.1/5

0.463 $\pm$ 0.000 χ^2/NDF : 6961517417.2/26

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1309888.8/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 347450.8/8

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1289415.7/19

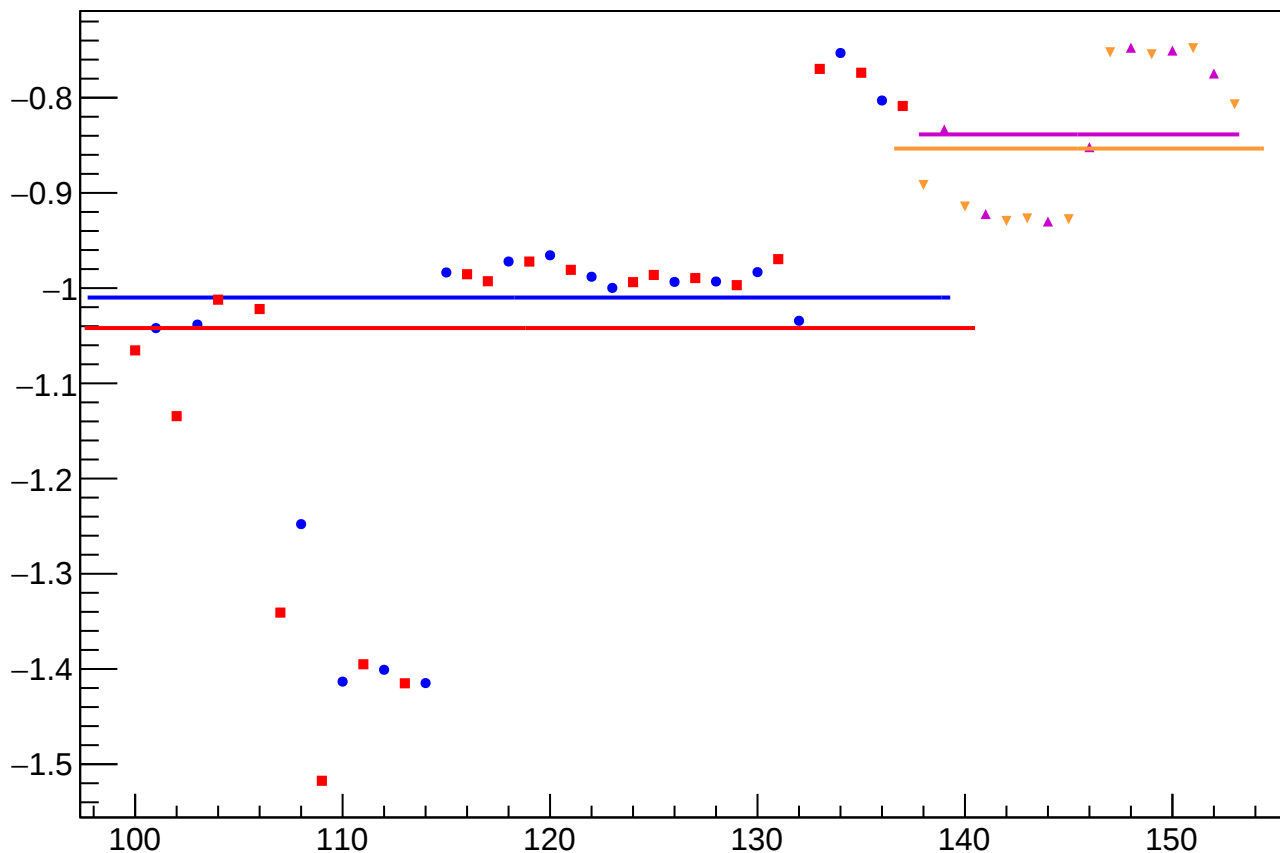
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 242858.7/6

0.012 $\pm$ 0.000 χ^2 /NDF: 1688168.2/25

0.012 $\pm$ 0.000 χ^2 /NDF: 3290902.4/52

0.012 $\pm$ 0.000 χ^2 /NDF: 1593805.0/26

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.010 $\pm$ 0.000 χ^2 /NDF: 387650332.0/16

Left Out: -0.853 $\pm$ 0.000 χ^2 /NDF: 85002383.7/8

Right Out: -1.042 $\pm$ 0.000 χ^2 /NDF: 530175104.2/19

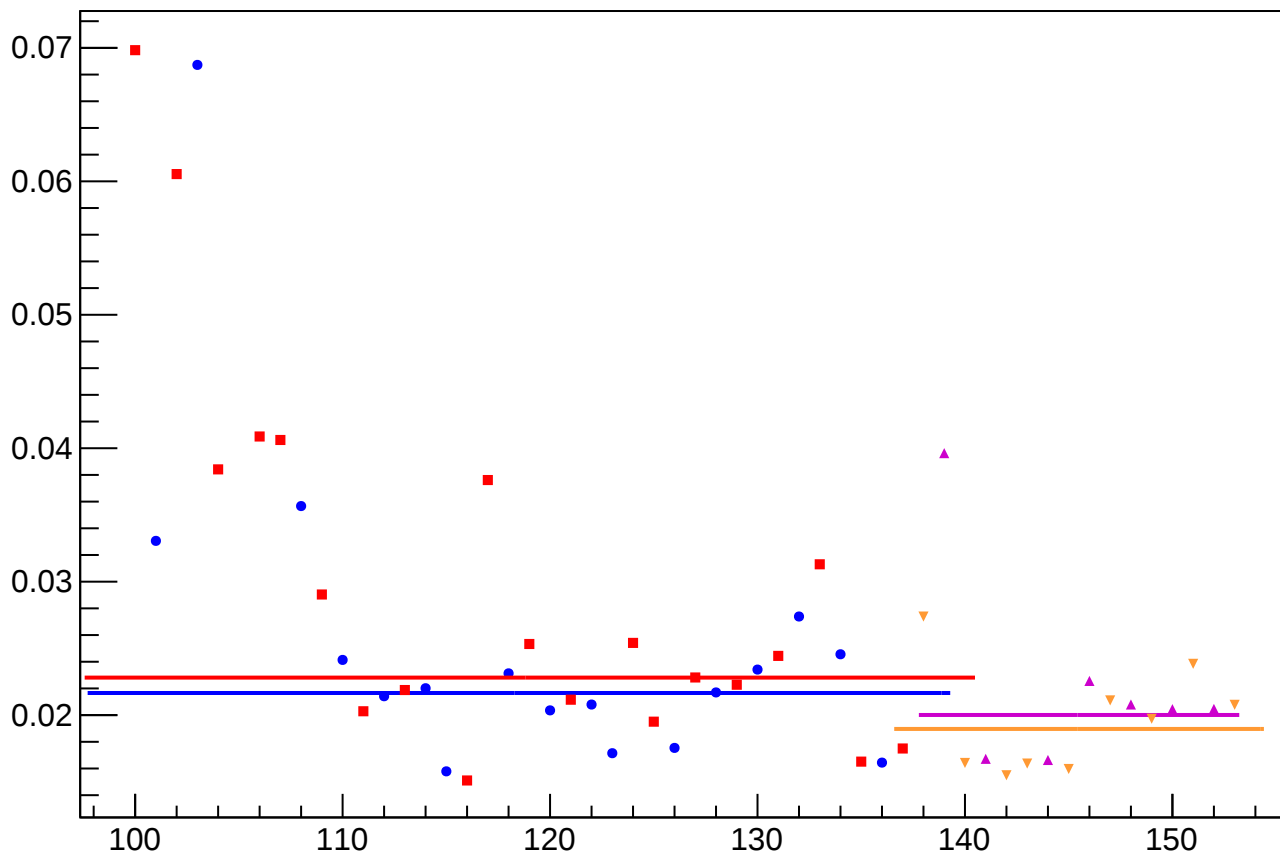
Left In: -0.839 $\pm$ 0.000 χ^2 /NDF: 66134555.6/6

-0.923 $\pm$ 0.000 χ^2 /NDF: 620980856.6/25

-0.929 $\pm$ 0.000 χ^2 /NDF: 1438544250.1/52

-0.937 $\pm$ 0.000 χ^2 /NDF: 815068544.0/26

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 983499.8/16

Left Out: 0.019+/-0.000 χ^2/NDF : 310340.7/8

Right Out: 0.023+/-0.000 χ^2/NDF : 1165116.5/19

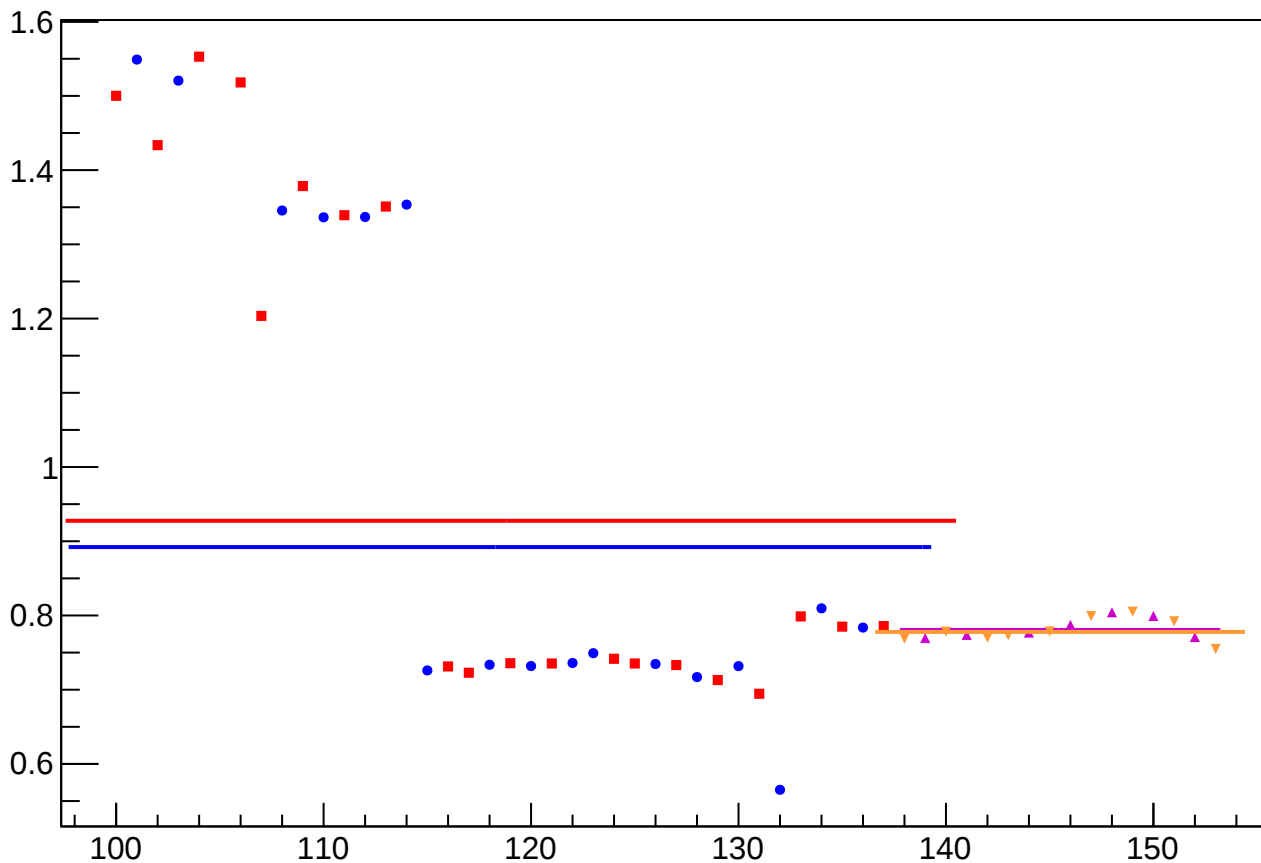
Left In: 0.020+/-0.000 χ^2/NDF : 447195.4/6

0.020+/-0.000 χ^2/NDF : 1381768.9/25

0.021+/-0.000 χ^2/NDF : 3110697.3/52

0.021+/-0.000 χ^2/NDF : 1695269.2/26

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.892 $\pm$ 0.000 χ^2 /NDF: 2413732173.6/16

Left Out: 0.778 $\pm$ 0.000 χ^2 /NDF:7910498.4/8

Right Out: 0.928 $\pm$ 0.000 χ^2 /NDF: 2439574936.7/19

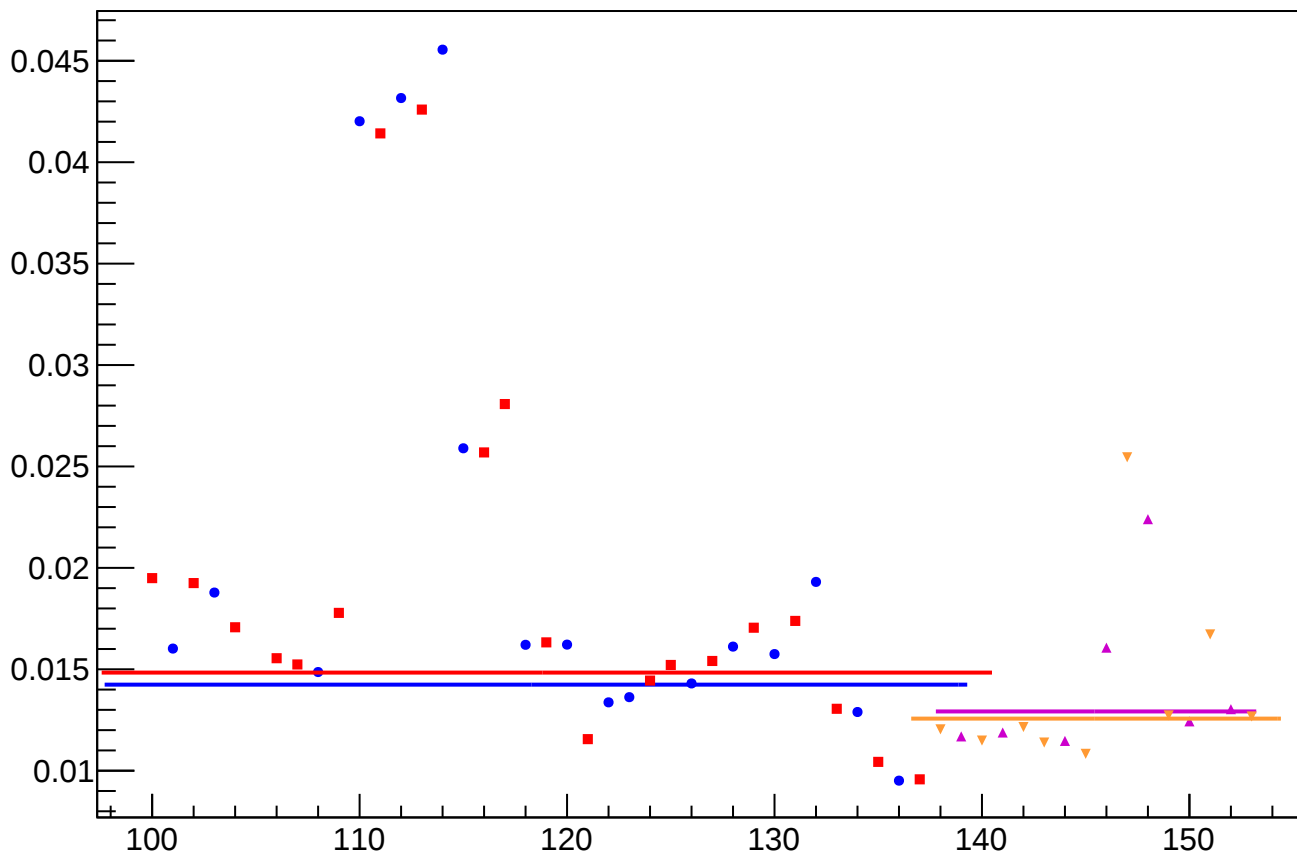
Left In: 0.781 $\pm$ 0.000 χ^2 /NDF:4275793.3/6

0.826 $\pm$ 0.000 χ^2 /NDF: 2632002656.2/25

0.837 $\pm$ 0.000 χ^2 /NDF: 5408745428.1/52

0.849 $\pm$ 0.000 χ^2 /NDF: 2760692041.8/26

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1415681.3/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:537737.7/8

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1291174.0/19

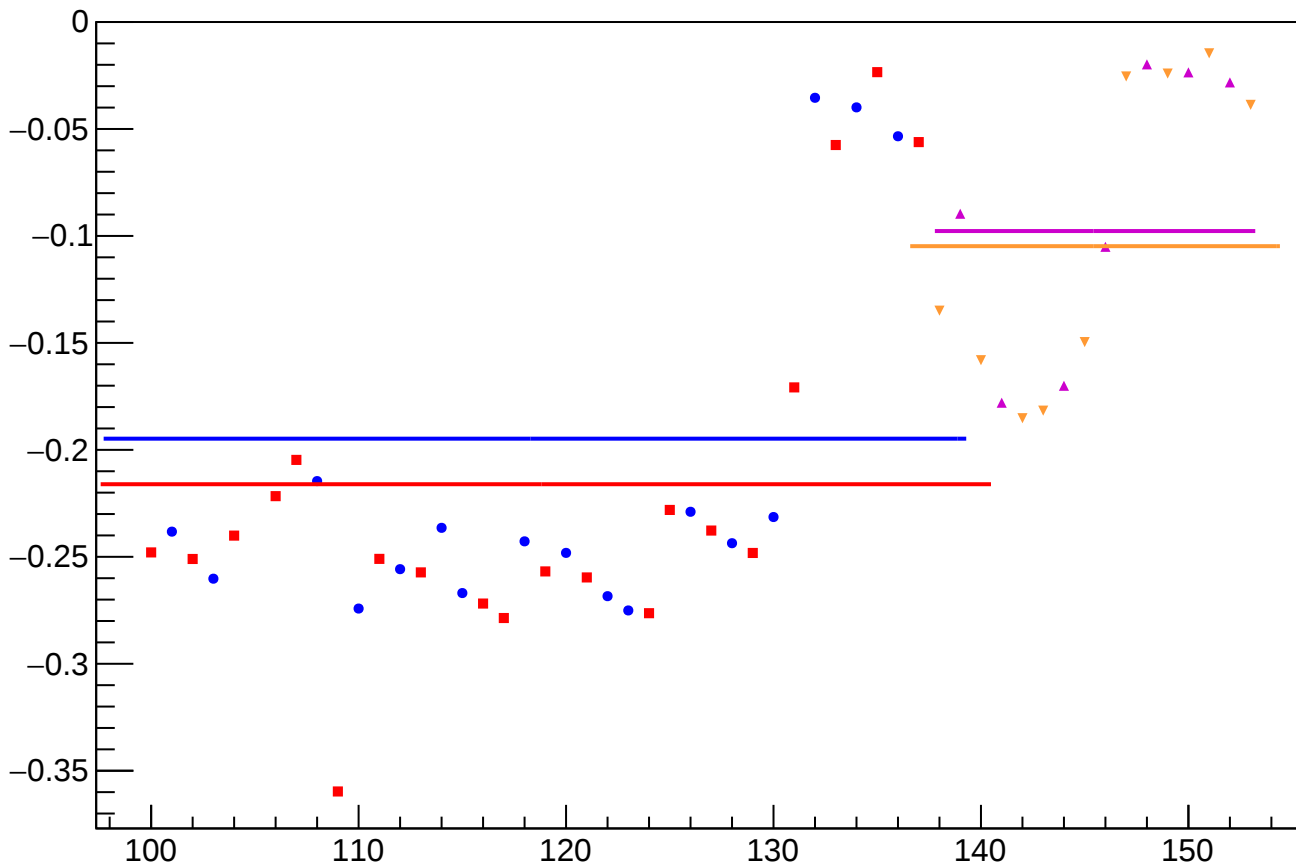
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:384214.6/6

0.013 $\pm$ 0.000 χ^2 /NDF: 2043629.8/25

0.014 $\pm$ 0.000 χ^2 /NDF: 3844389.7/52

0.014 $\pm$ 0.000 χ^2 /NDF: 1782884.9/26

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.195+/-0.000 χ^2/NDF : 108656195.5/16

Left Out: -0.105+/-0.000 χ^2/NDF : 67975778.2/8

Right Out: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

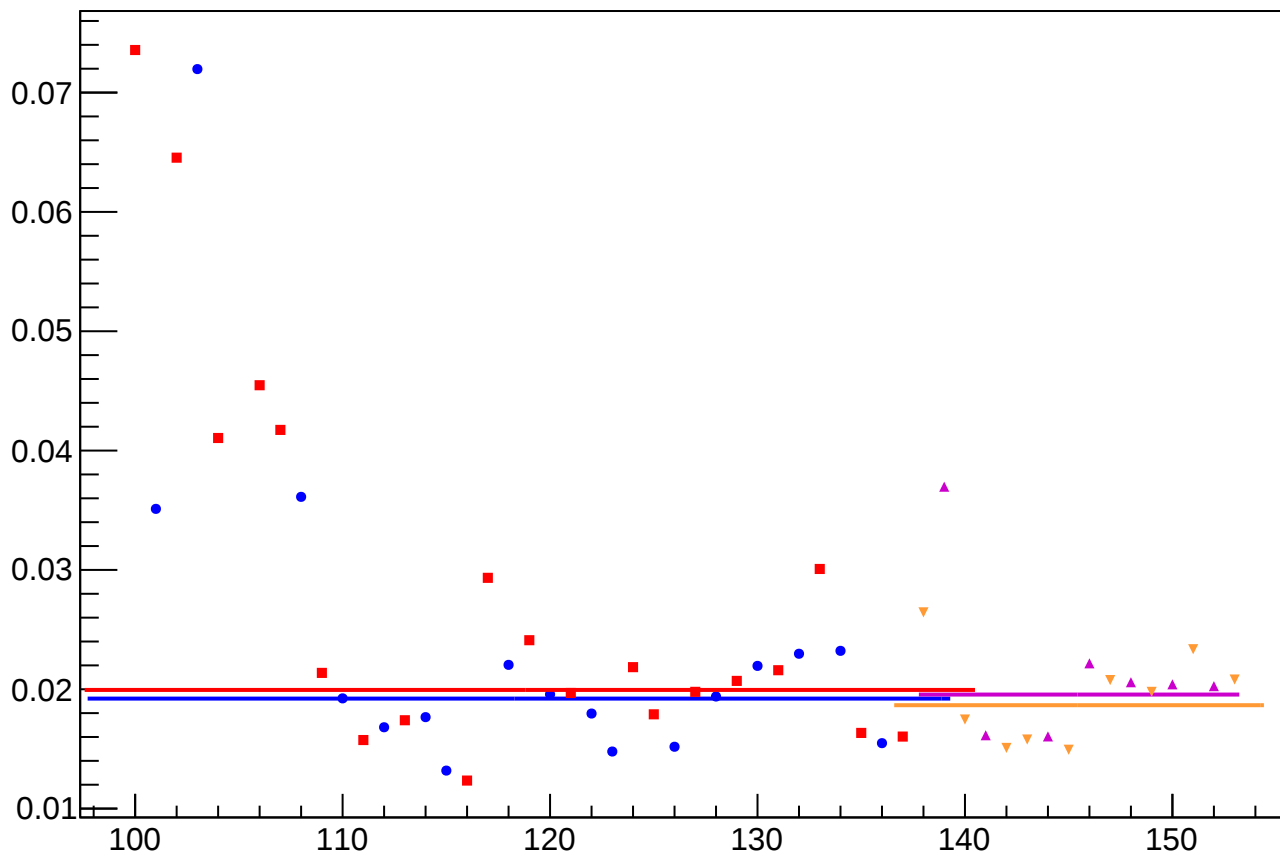
Left In: -0.098+/-0.000 χ^2/NDF : 54449517.1/6

-0.149+/-0.000 χ^2/NDF : 232980322.0/25

-0.154+/-0.000 χ^2/NDF : 487287111.8/52

-0.161+/-0.000 χ^2/NDF : 252359160.6/26

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019 ± 0.000 $\chi^2/\text{NDF}: 1177085.4/16$

Left Out: 0.019 ± 0.000 $\chi^2/\text{NDF}: 328503.5/8$

Right Out: 0.020 ± 0.000 $\chi^2/\text{NDF}: 1455211.7/19$

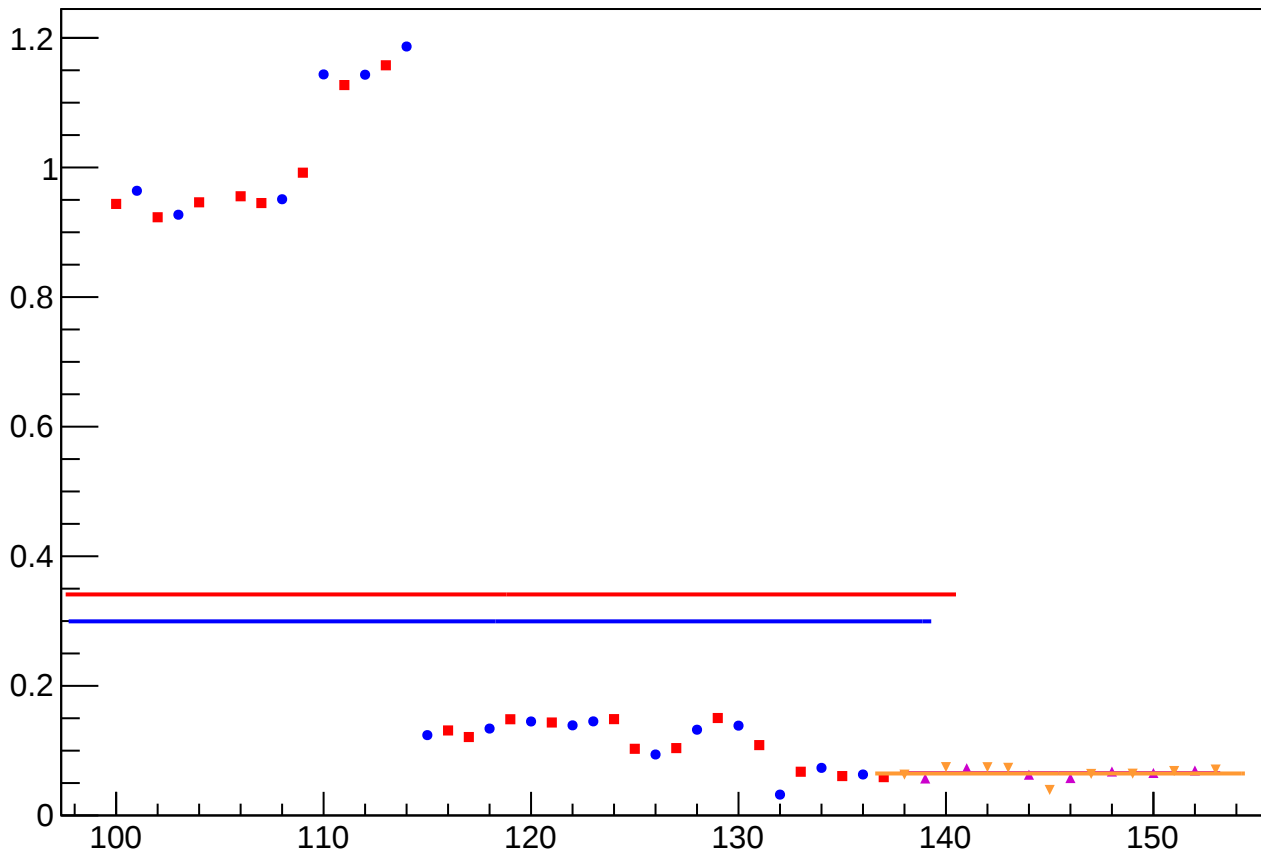
Left In: 0.020 ± 0.000 $\chi^2/\text{NDF}: 437739.2/6$

0.019 ± 0.000 $\chi^2/\text{NDF}: 1509852.9/25$

0.019 ± 0.000 $\chi^2/\text{NDF}: 3422607.9/52$

0.020 ± 0.000 $\chi^2/\text{NDF}: 1894792.7/26$

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.300+/-0.000 χ^2/NDF : 5165052137.6/16

Left Out: 0.065+/-0.000 χ^2/NDF : 6711766.8/8

Right Out: 0.341+/-0.000 χ^2/NDF : 5453748737.7/19

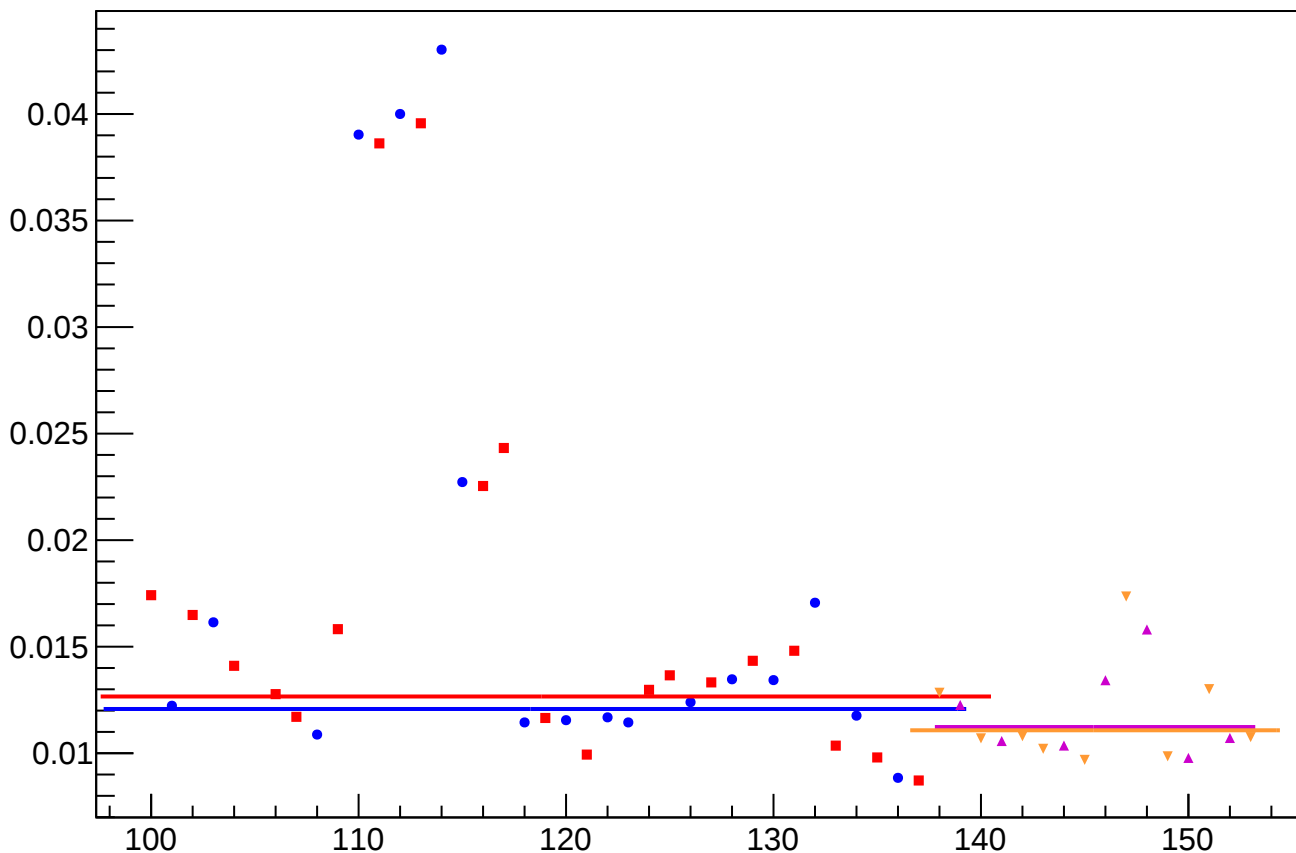
Left In: 0.065+/-0.000 χ^2/NDF : 1135999.8/6

0.168+/-0.000 χ^2/NDF : 6375252811.0/25

0.180+/-0.000 χ^2/NDF : 13357308324.8/5

0.194+/-0.000 χ^2/NDF : 6953387872.1/26

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1282097.7/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:322280.5/8

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

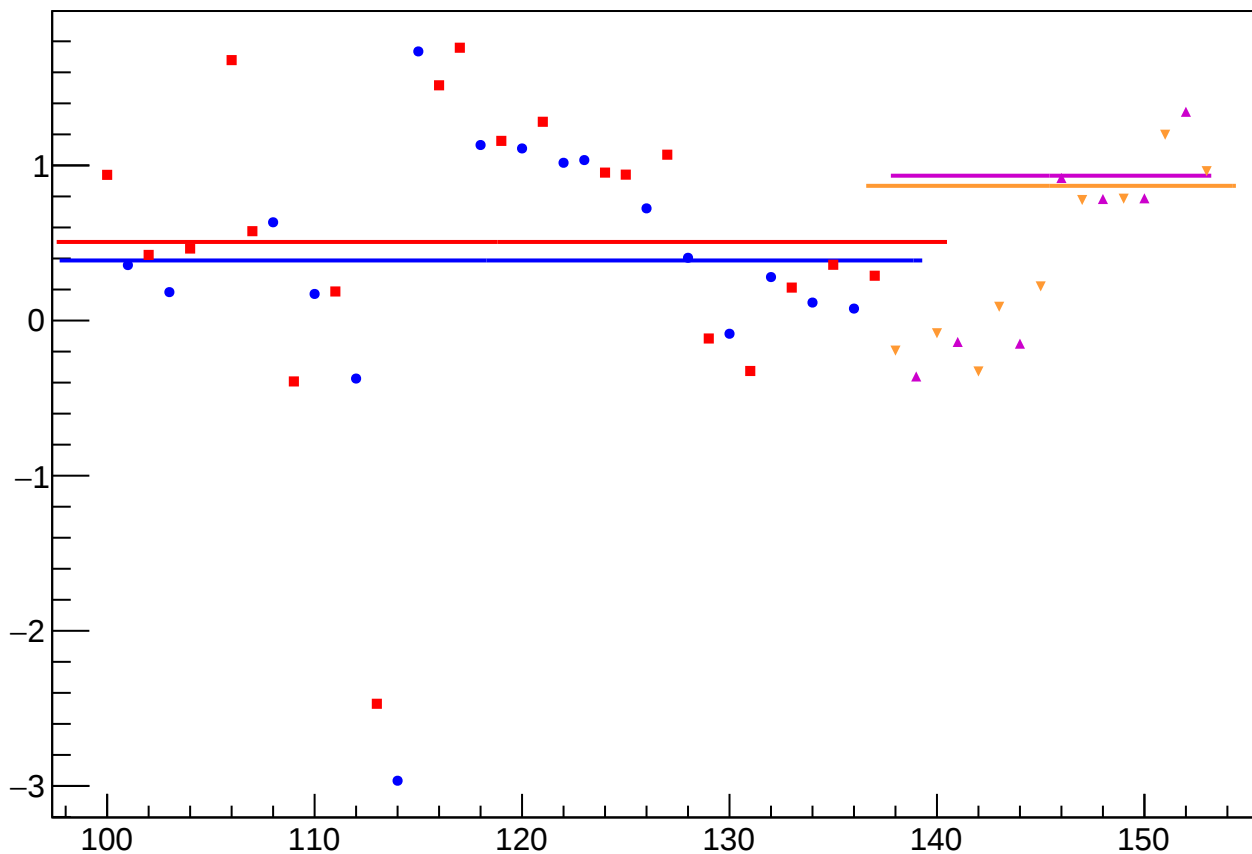
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:237542.7/6

0.012 $\pm$ 0.000 χ^2 /NDF: 1648003.7/25

0.012 $\pm$ 0.000 χ^2 /NDF: 3234197.0/52

0.012 $\pm$ 0.000 χ^2 /NDF: 1573944.7/26

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387 ± 0.000 χ^2/NDF : 247912593.5/16

Left Out: 0.868 ± 0.000 χ^2/NDF : 668618618.1/8

Right Out: 0.507 ± 0.000 χ^2/NDF : 995347030.4/19

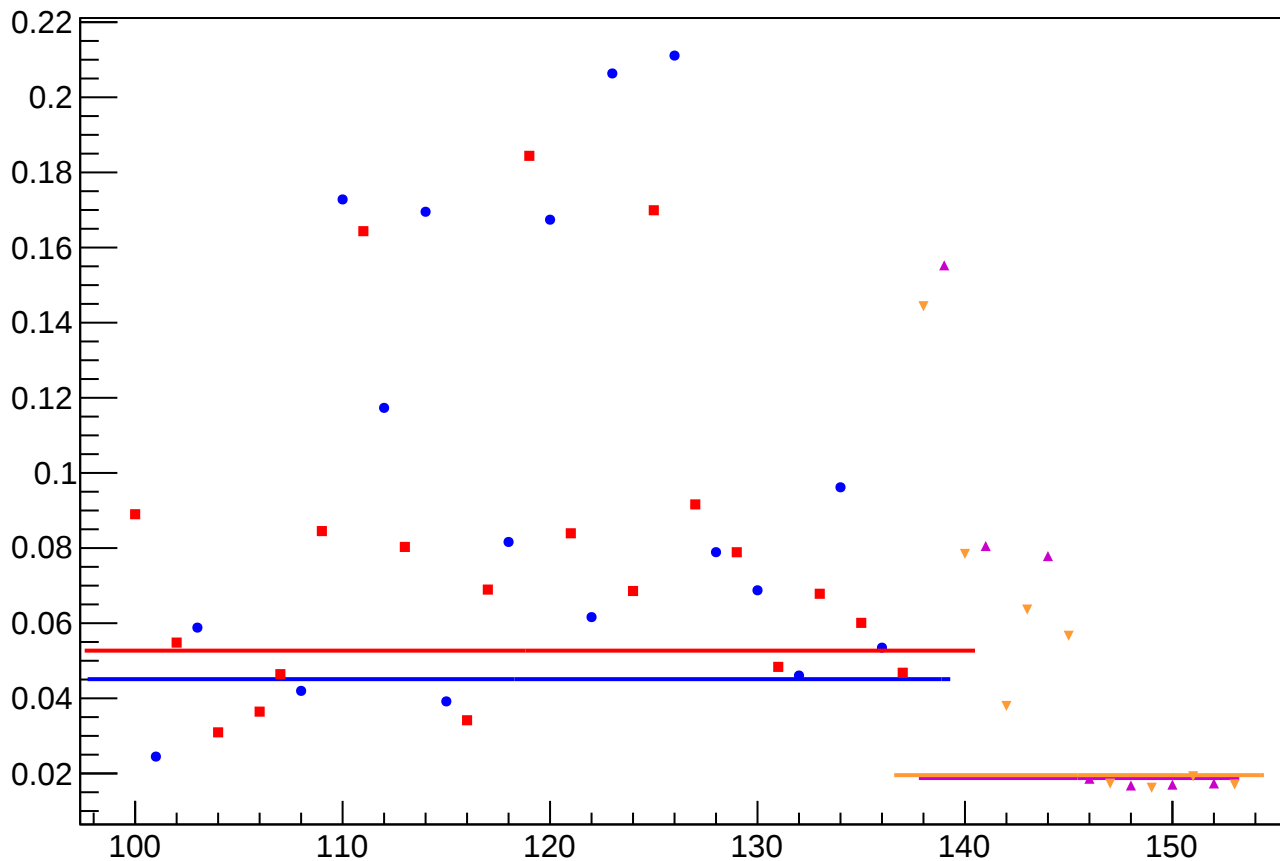
Left In: 0.934 ± 0.000 χ^2/NDF : 742370617.1/6

0.796 ± 0.000 χ^2/NDF : 1260190470.2/25

0.834 ± 0.000 χ^2/NDF : 3269497730.4/52

0.875 ± 0.000 χ^2/NDF : 1973855156.9/26

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2846218.9/16

Left Out: 0.020+/-0.000 χ^2/NDF : 2516851.1/8

Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

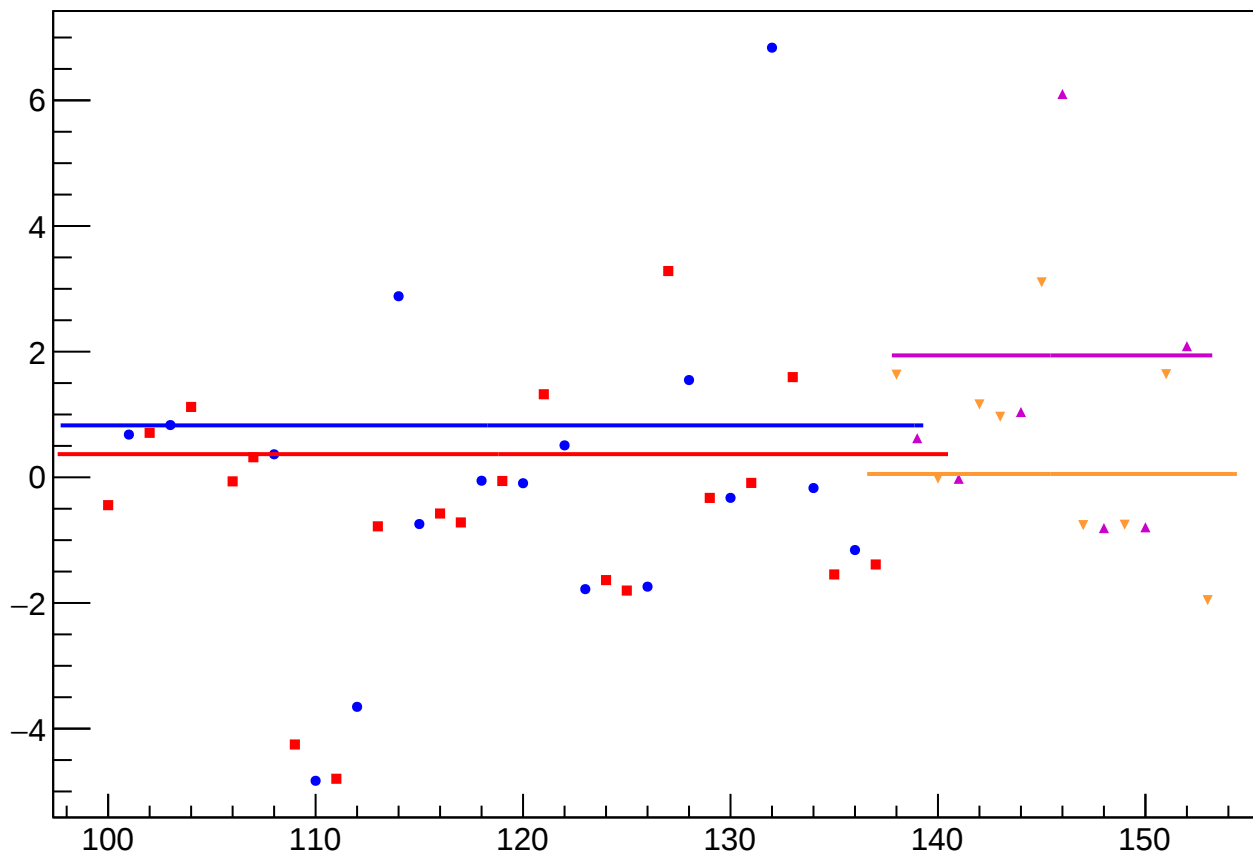
Left In: 0.019+/-0.000 χ^2/NDF : 2137869.9/6

0.023+/-0.000 χ^2/NDF : 7303875.2/25

0.023+/-0.000 χ^2/NDF : 14615414.2/52

0.023+/-0.000 χ^2/NDF : 7311529.0/26

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.827 ± 0.000 $\chi^2/\text{NDF}: 10936458870.4/16$

Left Out: 0.053 ± 0.000 $\chi^2/\text{NDF}: 51017921850.1/8$

Right Out: 0.369 ± 0.000 $\chi^2/\text{NDF}: 4985860510.0/19$

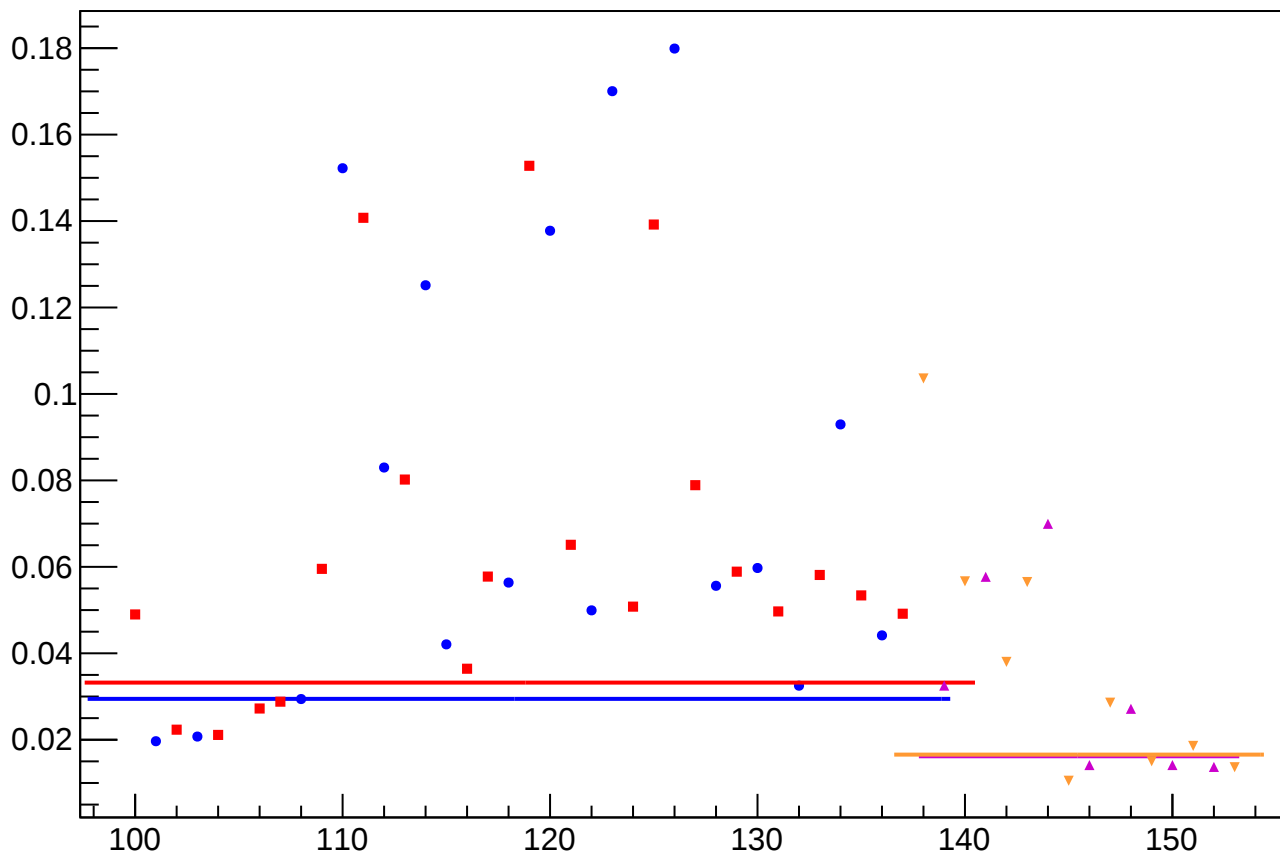
Left In: 1.941 ± 0.000 $\chi^2/\text{NDF}: 100317862624.3/6$

0.224 ± 0.000 $\chi^2/\text{NDF}: 63788989571.0/25$

0.900 ± 0.000 $\chi^2/\text{NDF}: 192800490801.4/1$

1.615 ± 0.000 $\chi^2/\text{NDF}: 112175996988.2/26$

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.017 $\pm$ 0.000 χ^2/NDF : 2436515.1/8

Right Out: 0.033 $\pm$ 0.000 χ^2/NDF : 3110014.7/19

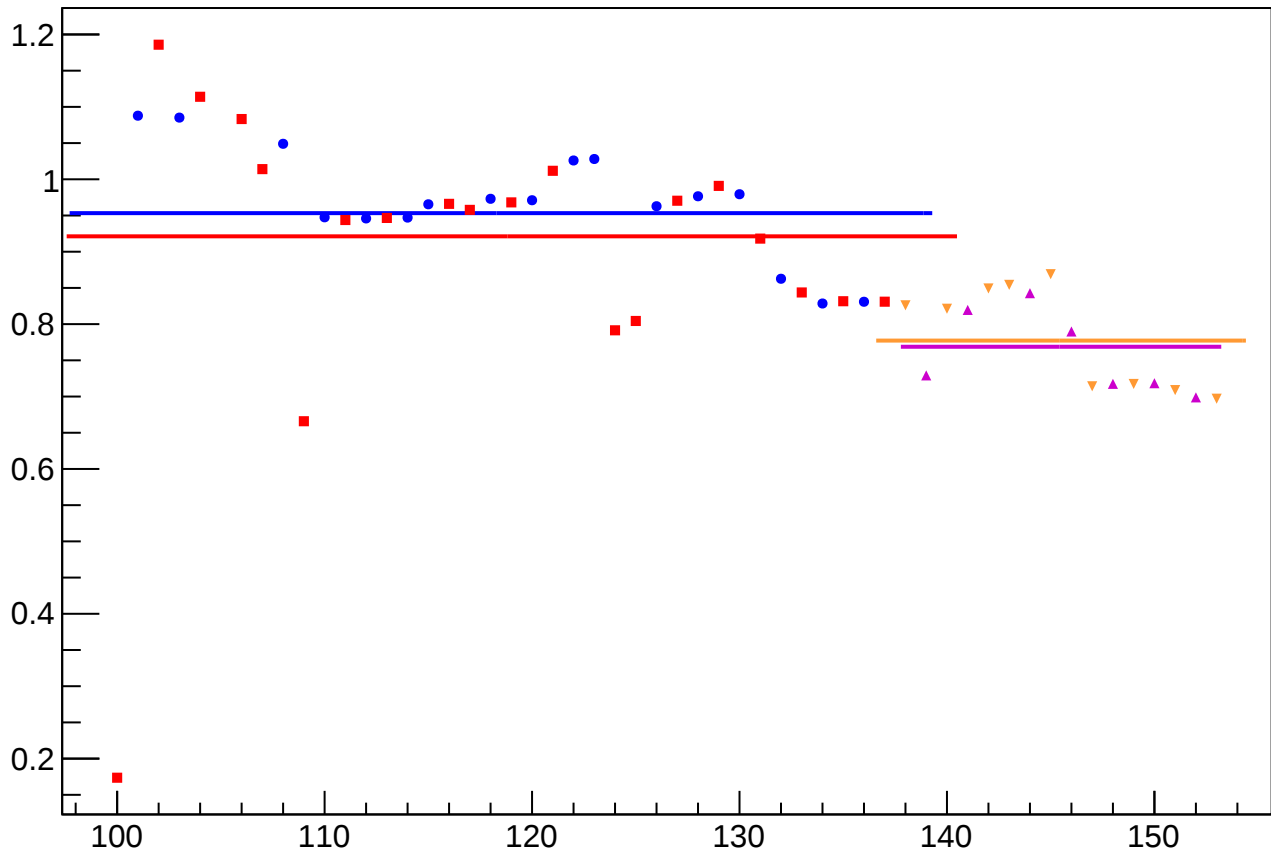
Left In: 0.016 $\pm$ 0.000 χ^2/NDF : 1595730.5/6

0.019 $\pm$ 0.000 χ^2/NDF : 6510900.3/25

0.020 $\pm$ 0.000 χ^2/NDF : 12834950.7/52

0.020 $\pm$ 0.000 χ^2/NDF : 6322401.9/26

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.000 χ^2/NDF : 175396553.4/16

Left Out: 0.777 $\pm$ 0.000 χ^2/NDF : 170021643.0/8

Right Out: 0.921 $\pm$ 0.000 χ^2/NDF : 374376205.4/19

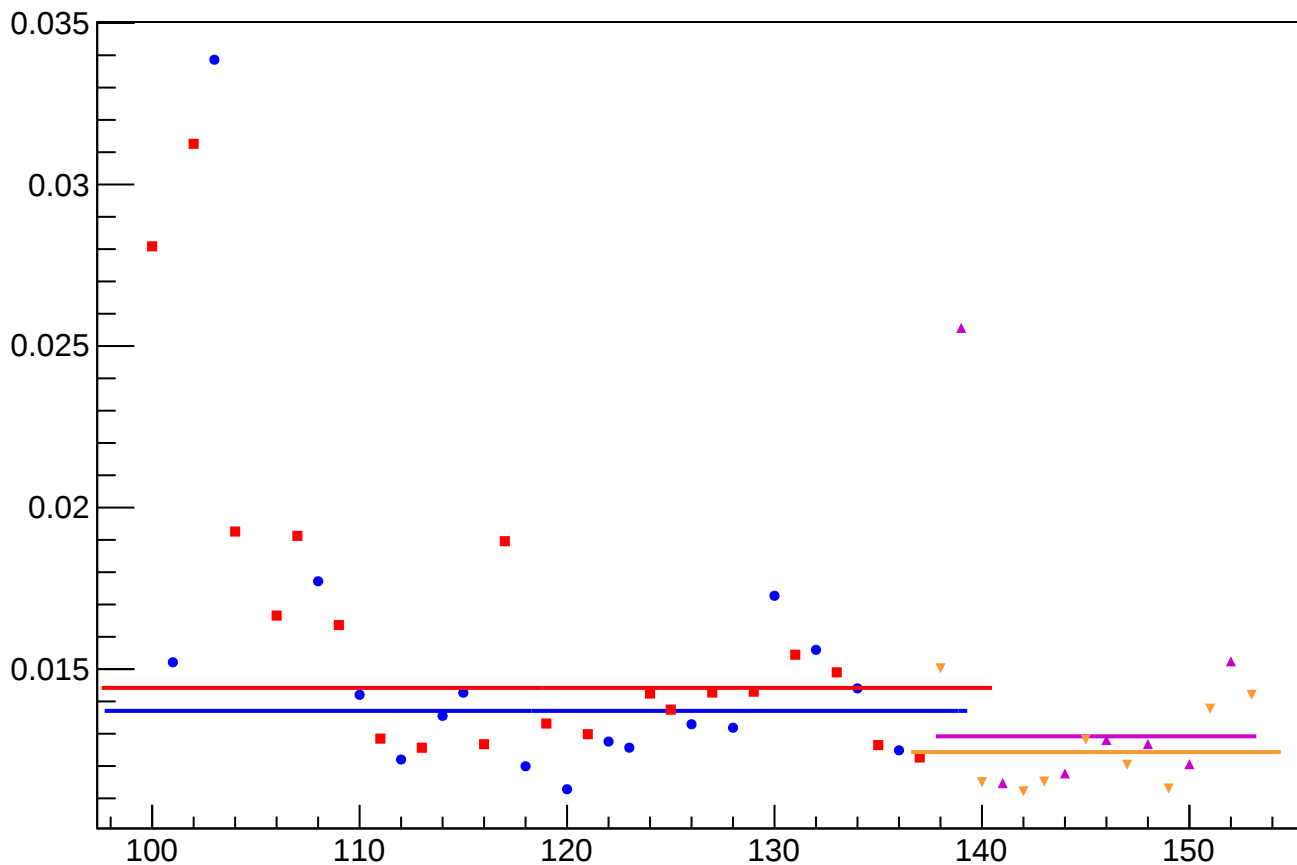
Left In: 0.769 $\pm$ 0.000 χ^2/NDF : 89302397.3/6

0.858 $\pm$ 0.000 χ^2/NDF : 863768531.8/25

0.852 $\pm$ 0.000 χ^2/NDF : 1676124628.1/52

0.845 $\pm$ 0.000 χ^2/NDF : 806835039.0/26

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014 +/- 0.000 χ^2/NDF : 546317.6/16

Left Out: 0.012 +/- 0.000 χ^2/NDF : 112914.3/8

Right Out: 0.014 +/- 0.000 χ^2/NDF : 506553.4/19

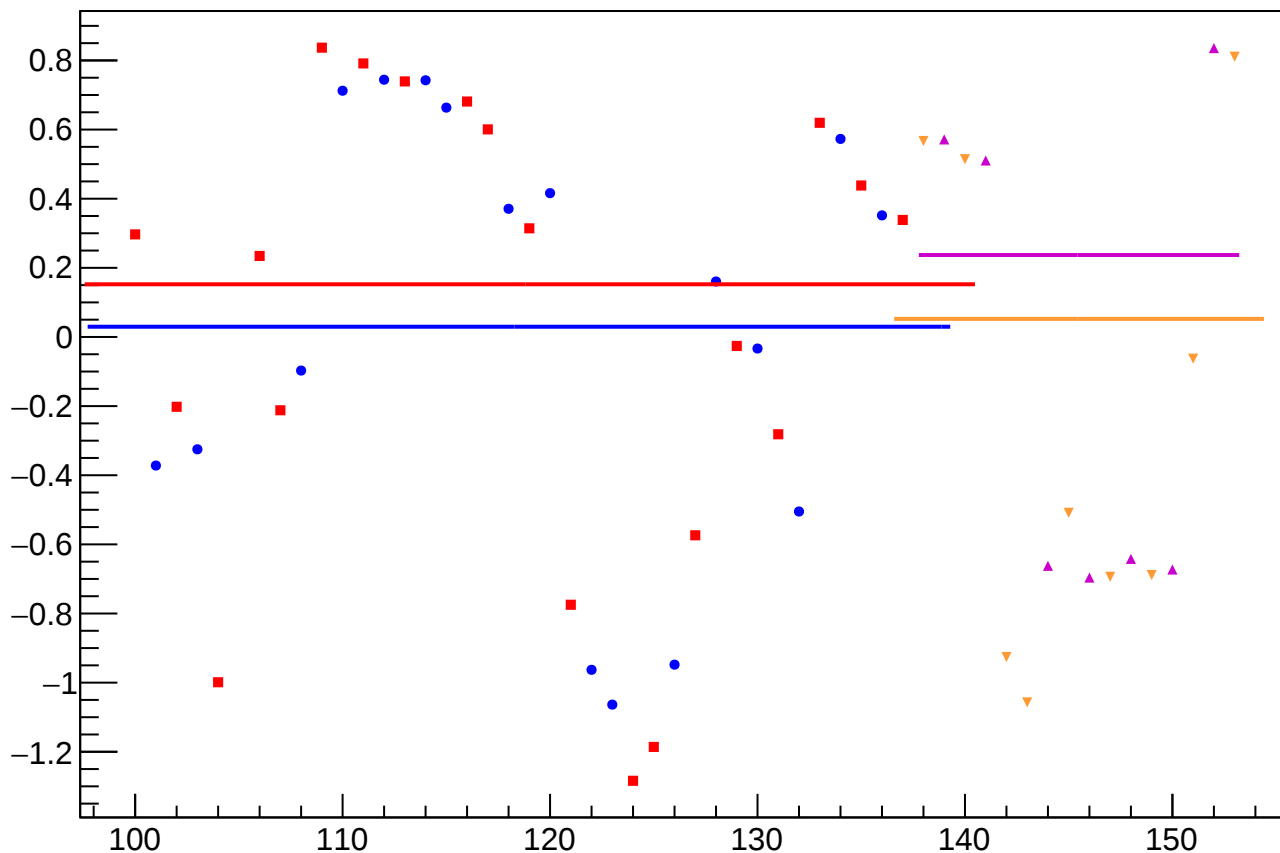
Left In: 0.013 +/- 0.000 χ^2/NDF : 402856.2/6

0.013 +/- 0.000 χ^2/NDF : 713582.5/25

0.013 +/- 0.000 χ^2/NDF : 1715975.2/52

0.014 +/- 0.000 χ^2/NDF : 975814.6/26

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.000 χ^2/NDF : 6294824795.0/16

Left Out: 0.052 $\pm$ 0.000 χ^2/NDF : 19037326169.3/8

Right Out: 0.152 $\pm$ 0.000 χ^2/NDF : 12673501089.9/19

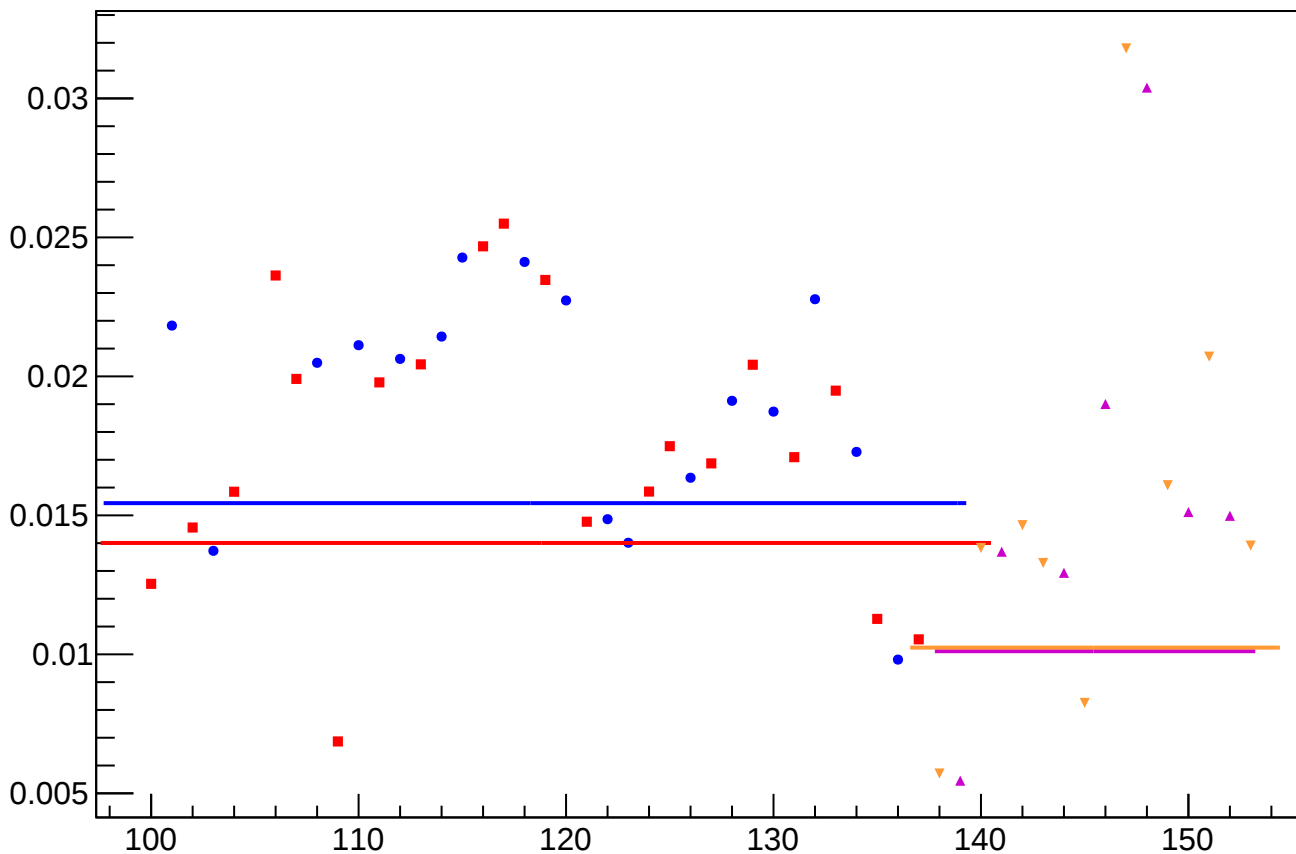
Left In: 0.237 $\pm$ 0.000 χ^2/NDF : 13374955198.5/6

0.045 $\pm$ 0.000 χ^2/NDF : 25340217921.9/25

0.123 $\pm$ 0.000 χ^2/NDF : 52366326482.1/5

0.202 $\pm$ 0.000 χ^2/NDF : 26168674141.4/26

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.010+/-0.000 χ^2/NDF : 2417832.9/8

Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

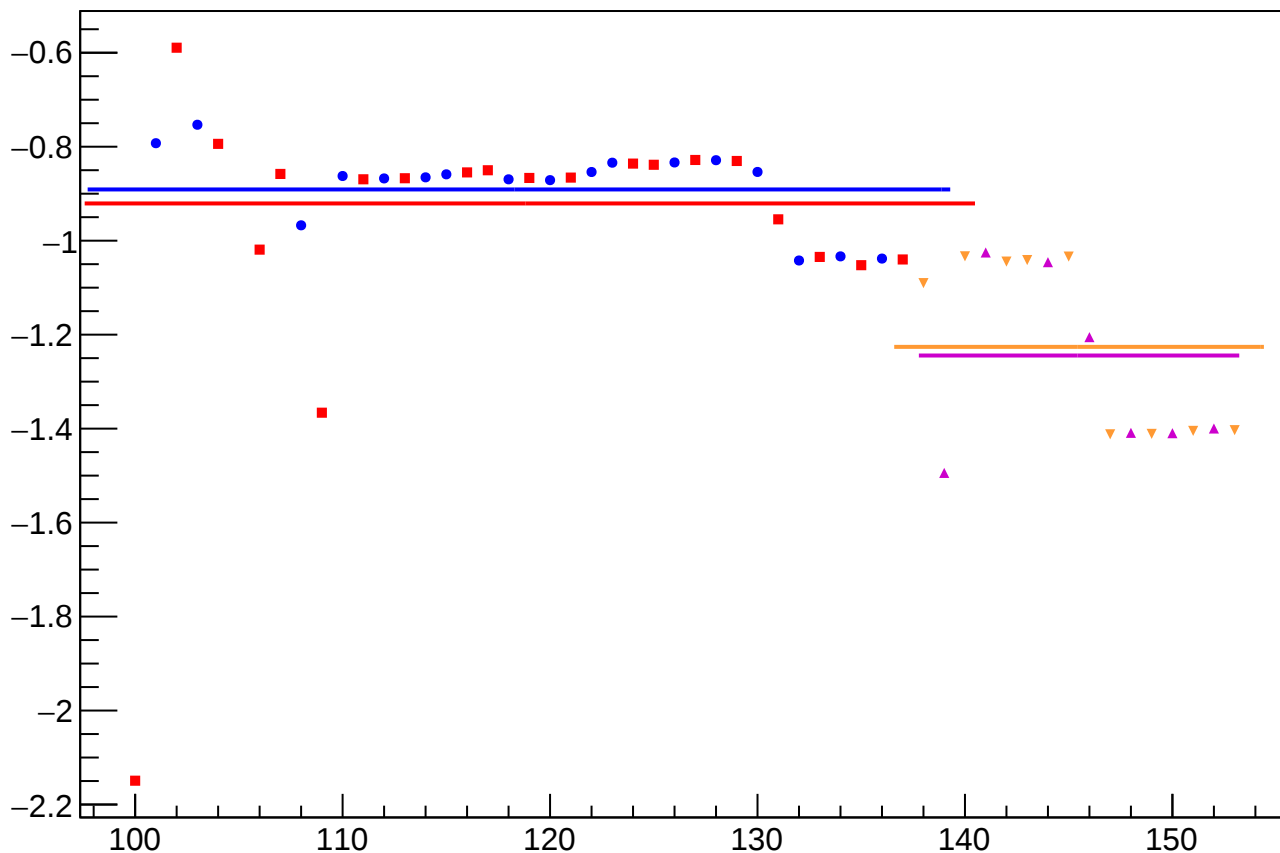
Left In: 0.010+/-0.000 χ^2/NDF : 2447542.0/6

0.012+/-0.000 χ^2/NDF : 4424327.8/25

0.012+/-0.000 χ^2/NDF : 8962387.7/52

0.012+/-0.000 χ^2/NDF : 4532430.8/26

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.891 ± 0.000 $\chi^2/\text{NDF}: 39578323.2/16$

Left Out: -1.226 ± 0.000 $\chi^2/\text{NDF}: 185757060.8/8$

Right Out: -0.921 ± 0.000 $\chi^2/\text{NDF}: 131271770.4/19$

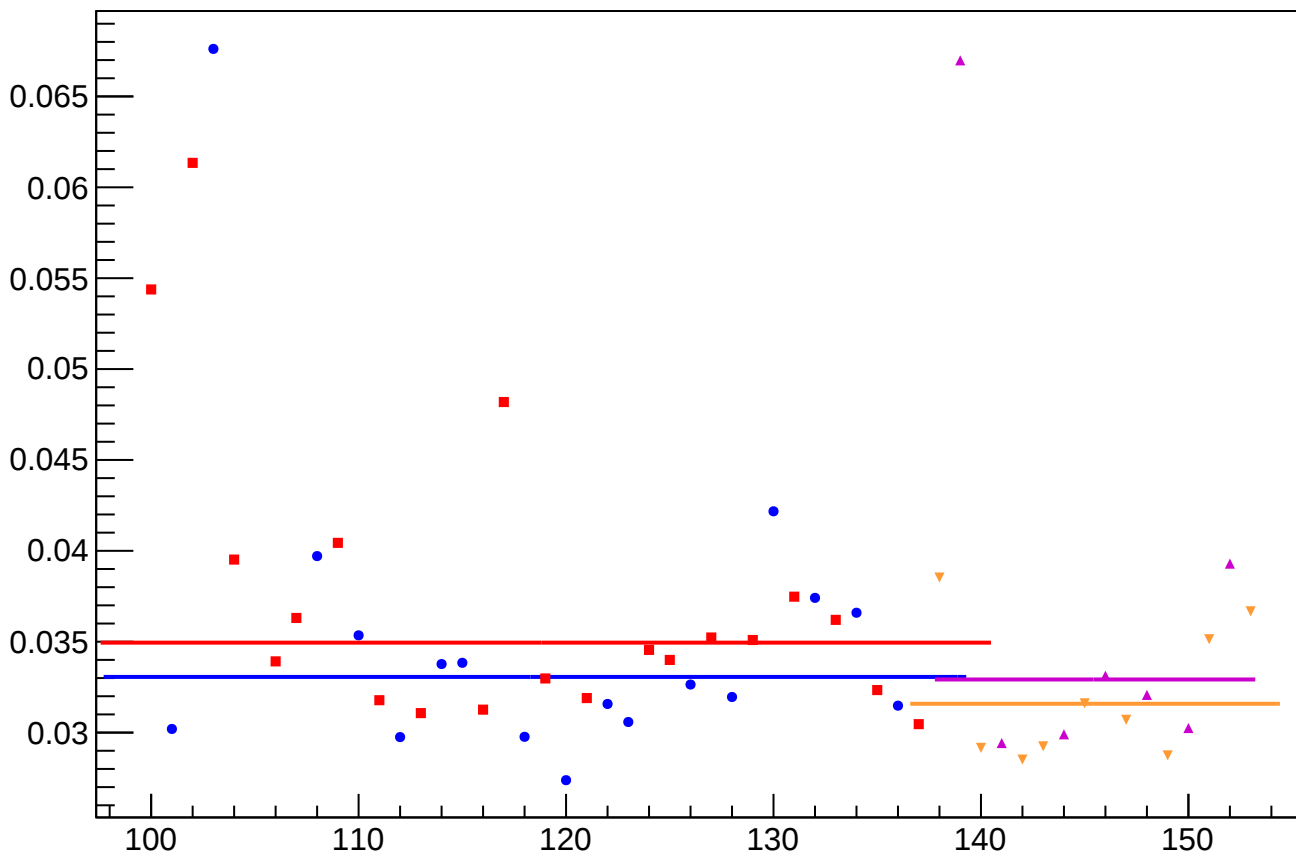
Left In: -1.244 ± 0.000 $\chi^2/\text{NDF}: 136812524.3/6$

-1.062 ± 0.000 $\chi^2/\text{NDF}: 532829762.9/25$

-1.067 ± 0.000 $\chi^2/\text{NDF}: 1052157890.1/52$

-1.073 ± 0.000 $\chi^2/\text{NDF}: 518641175.0/26$

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 409286.7/16

Left Out: 0.032+/-0.000 χ^2/NDF :120718.9/8

Right Out: 0.035+/-0.000 χ^2/NDF : 280500.4/19

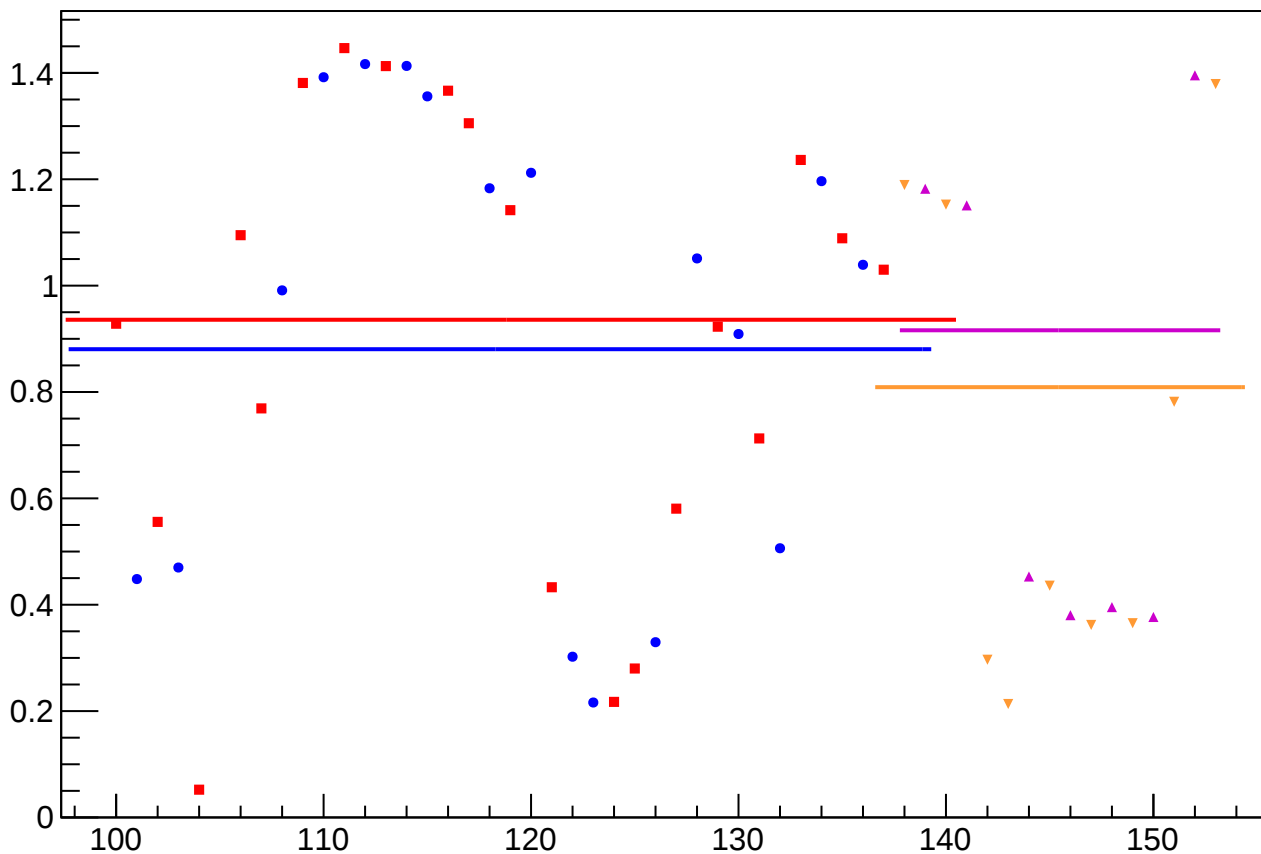
Left In: 0.033+/-0.000 χ^2/NDF :428543.2/6

0.032+/-0.000 χ^2/NDF : 541948.1/25

0.033+/-0.000 χ^2/NDF : 1299635.4/52

0.034+/-0.000 χ^2/NDF : 728691.0/26

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.880 $\pm$ 0.000 χ^2 /NDF: 6400108121.4/16

Left Out: 0.809 $\pm$ 0.000 χ^2 /NDF: 15070480738.5/8

Right Out: 0.936 $\pm$ 0.000 χ^2 /NDF: 9851303698.9/19

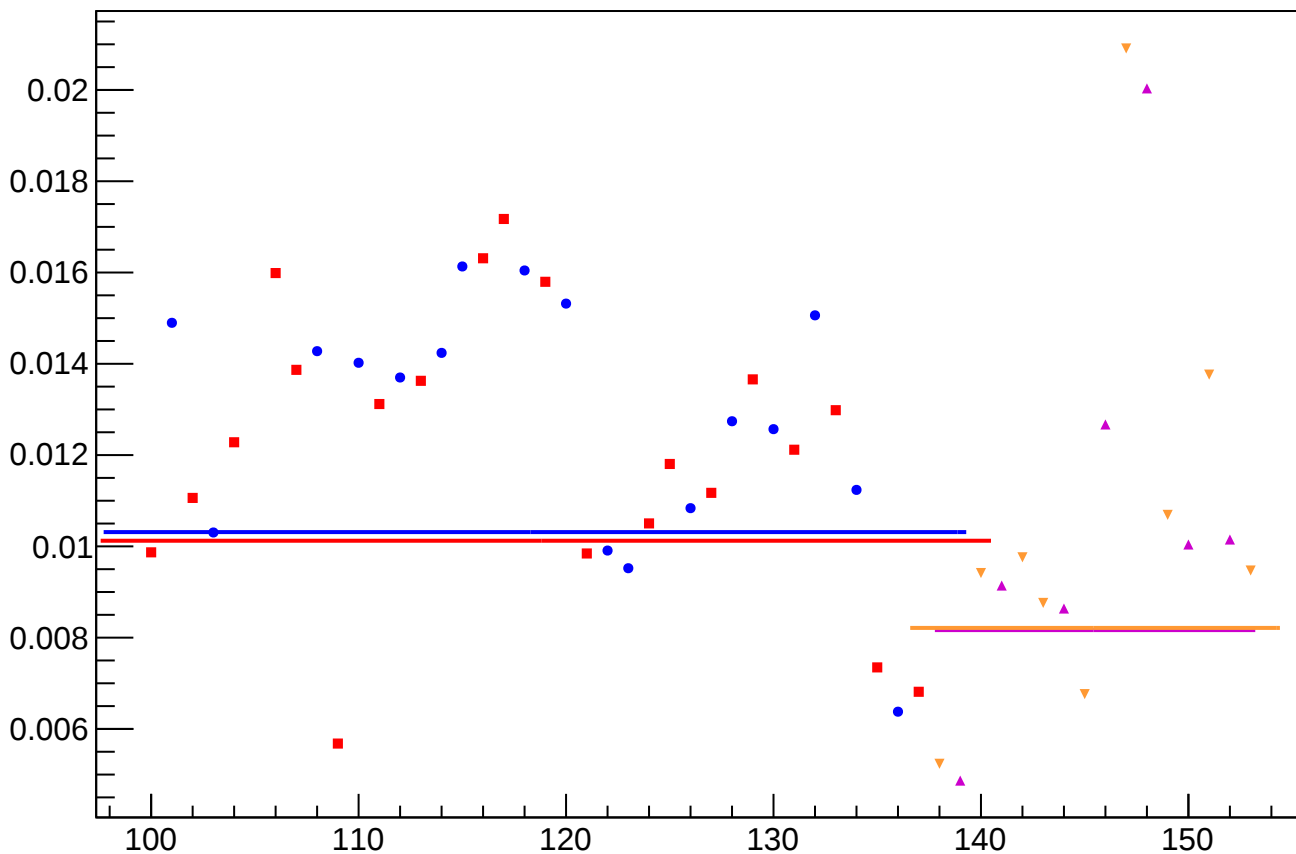
Left In: 0.916 $\pm$ 0.000 χ^2 /NDF: 10828708506.4/6

0.837 $\pm$ 0.000 χ^2 /NDF: 21633180266.2/25

0.880 $\pm$ 0.000 χ^2 /NDF: 42826056710.1/5

0.925 $\pm$ 0.000 χ^2 /NDF: 20692363526.1/26

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1231066.2/16

Left Out: 0.008+/-0.000 χ^2/NDF : 1433054.0/8

Right Out: 0.010+/-0.000 χ^2/NDF : 1191429.9/19

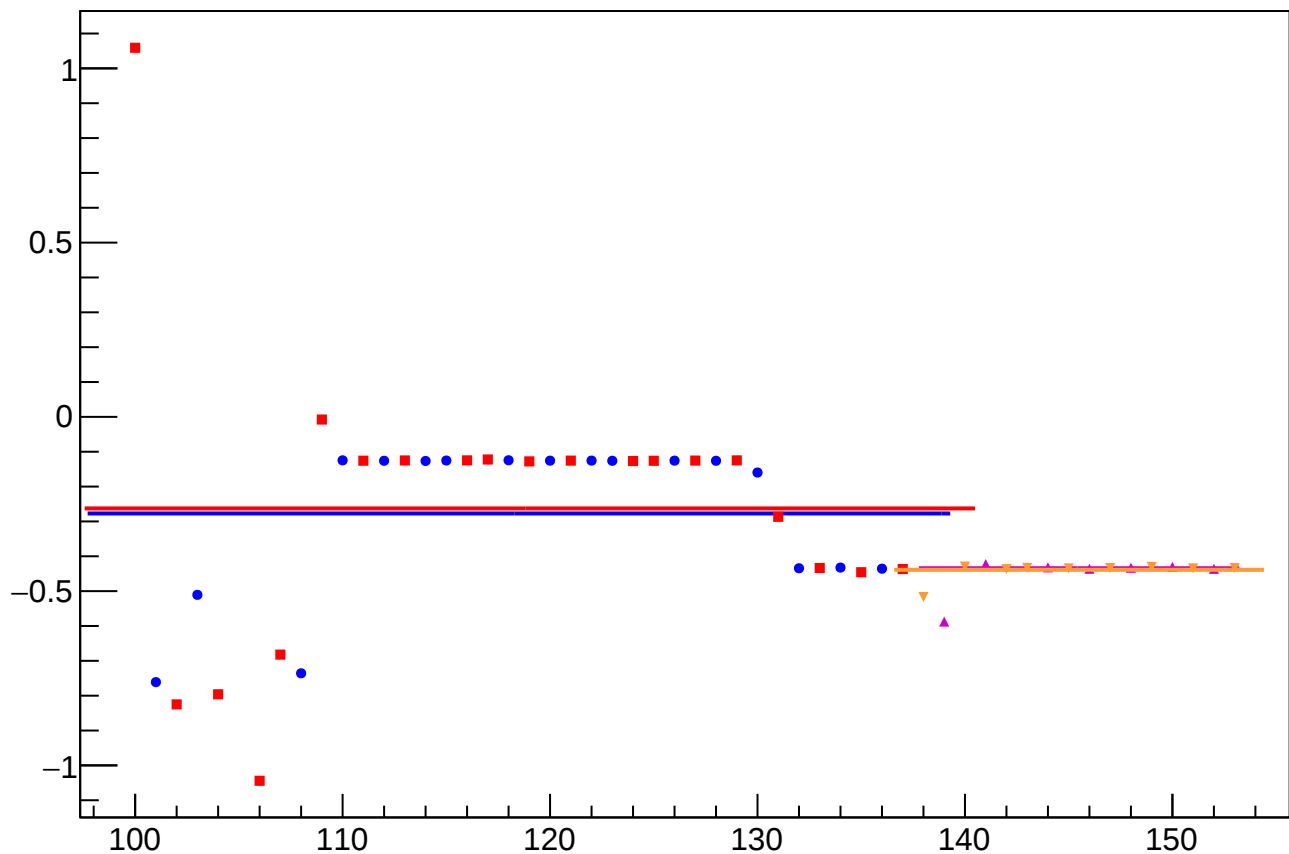
Left In: 0.008+/-0.000 χ^2/NDF : 1439211.5/6

0.009+/-0.000 χ^2/NDF : 2945382.2/25

0.009+/-0.000 χ^2/NDF : 5817249.6/52

0.009+/-0.000 χ^2/NDF : 2871864.0/26

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.277+/-0.000 χ^2/NDF : 940562986.7/16

Left Out: -0.439+/-0.000 χ^2/NDF : 23985677.5/8

Right Out: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

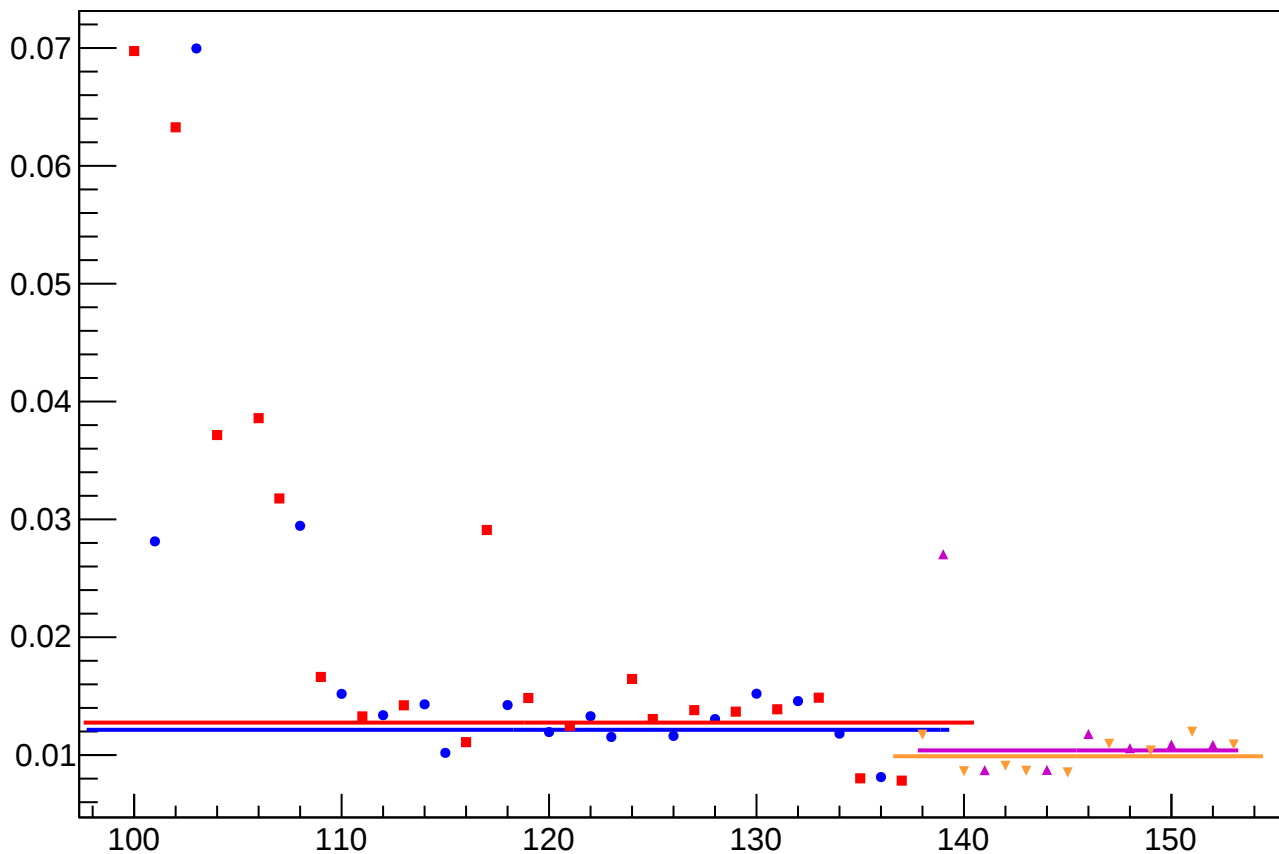
Left In: -0.434+/-0.000 χ^2/NDF : 22678819.8/6

-0.378+/-0.000 χ^2/NDF : 1485753874.1/25

-0.371+/-0.000 χ^2/NDF : 3038752090.8/52

-0.362+/-0.000 χ^2/NDF : 1543142016.5/26

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1727494.7/16

Left Out: 0.010+/-0.000 χ^2/NDF : 174907.3/8

Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

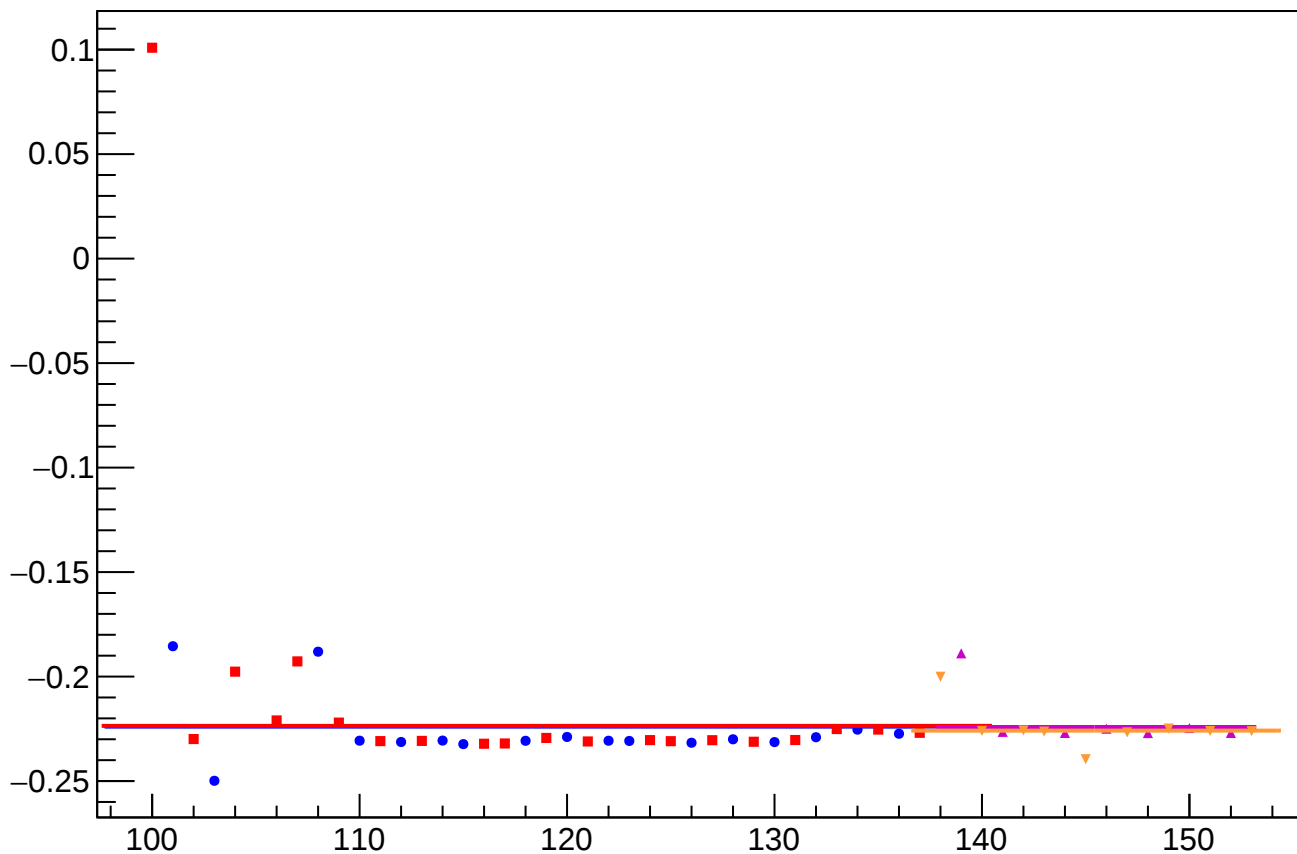
Left In: 0.010+/-0.000 χ^2/NDF : 623523.2/6

0.011+/-0.000 χ^2/NDF : 2103638.7/25

0.011+/-0.000 χ^2/NDF : 4946327.6/52

0.011+/-0.000 χ^2/NDF : 2810318.3/26

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.000 χ^2/NDF : 74704721.6/16

Left Out: -0.226+/-0.000 χ^2/NDF : 20515778.9/8

Right Out: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

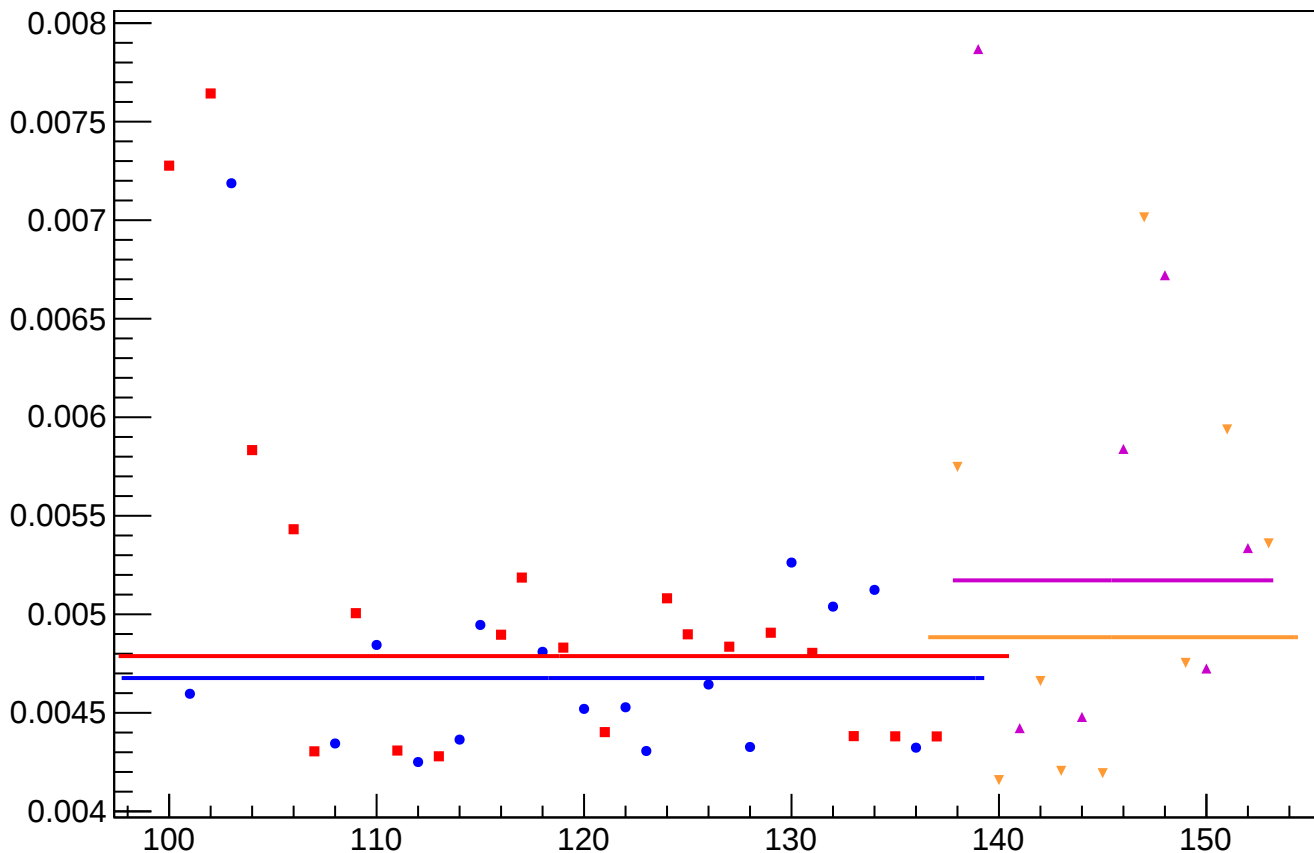
Left In: -0.224+/-0.000 χ^2/NDF : 13810567.1/6

-0.225+/-0.000 χ^2/NDF : 95698367.6/25

-0.224+/-0.000 χ^2/NDF : 278043819.7/52

-0.224+/-0.000 χ^2/NDF : 182074895.0/26

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 181335.1/16

Left Out: 0.005+/-0.000 χ^2/NDF : 345009.6/8

Right Out: 0.005+/-0.000 χ^2/NDF : 248668.3/19

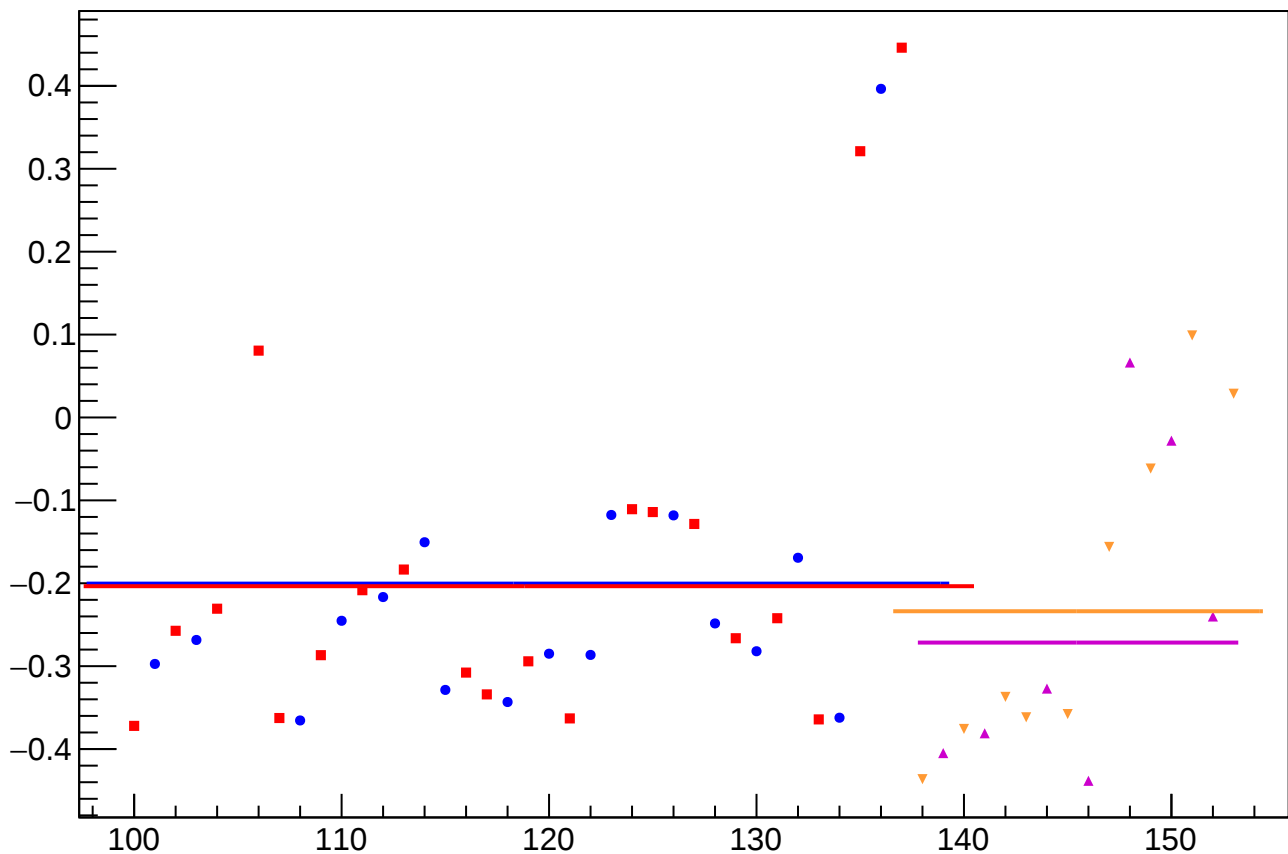
Left In: 0.005+/-0.000 χ^2/NDF : 349223.5/6

0.005+/-0.000 χ^2/NDF : 537593.1/25

0.005+/-0.000 χ^2/NDF : 1183467.7/52

0.005+/-0.000 χ^2/NDF : 631598.6/26

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.200 $\pm$ 0.000 χ^2/NDF : 5973556486.0/16

Left Out: -0.234 $\pm$ 0.000 χ^2/NDF : 7558931922.7/8

Right Out: -0.204 $\pm$ 0.000 χ^2/NDF : 5045878528.0/19

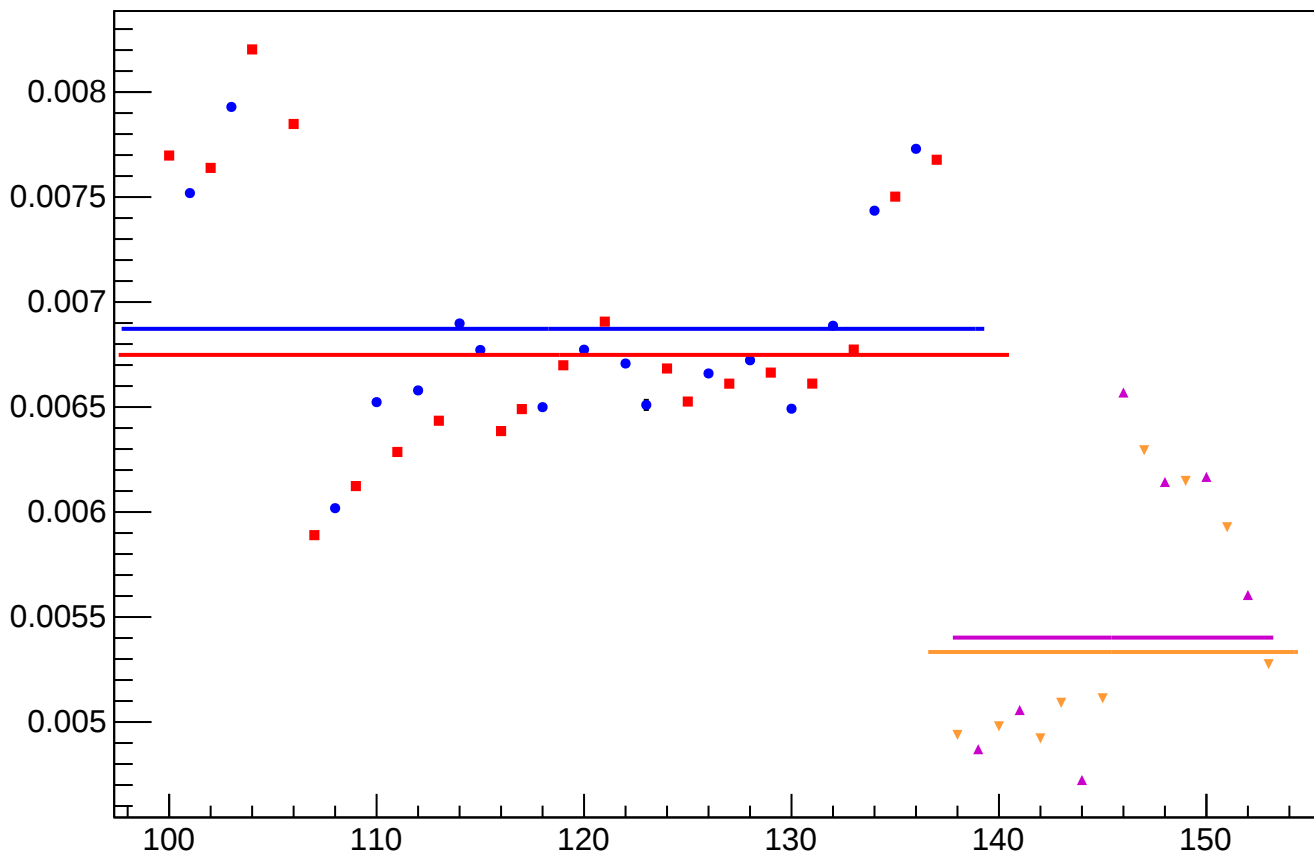
Left In: -0.272 $\pm$ 0.000 χ^2/NDF : 4645623609.9/6

-0.221 $\pm$ 0.000 χ^2/NDF : 13625366810.9/25

-0.230 $\pm$ 0.000 χ^2/NDF : 23753539655.0/5

-0.240 $\pm$ 0.000 χ^2/NDF : 10065694712.6/26

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 : 97316.3/8

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 105262.1/19

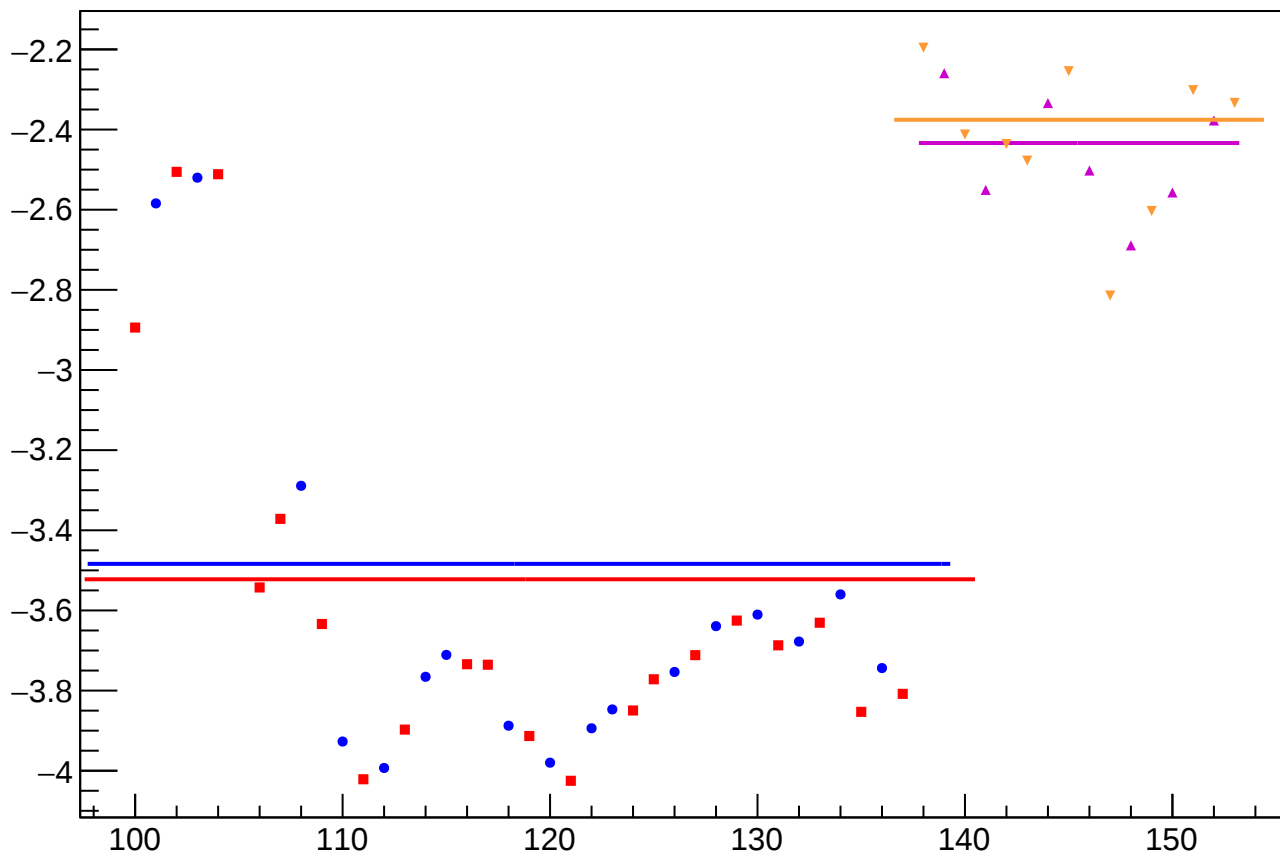
Left In: 0.005 $\pm$ 0.000 χ^2/NDF : 141443.9/6

0.006 $\pm$ 0.000 χ^2/NDF : 572347.1/25

0.006 $\pm$ 0.000 χ^2/NDF : 1114823.8/52

0.006 $\pm$ 0.000 χ^2/NDF : 539995.6/26

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.484 ± 0.000 $\chi^2/\text{NDF}: 27174302276.9/16$

Left Out: -2.376 ± 0.000 $\chi^2/\text{NDF}: 1402856661.6/8$

-3.052 ± 0.000 $\chi^2/\text{NDF}: 76637971596.6/25$

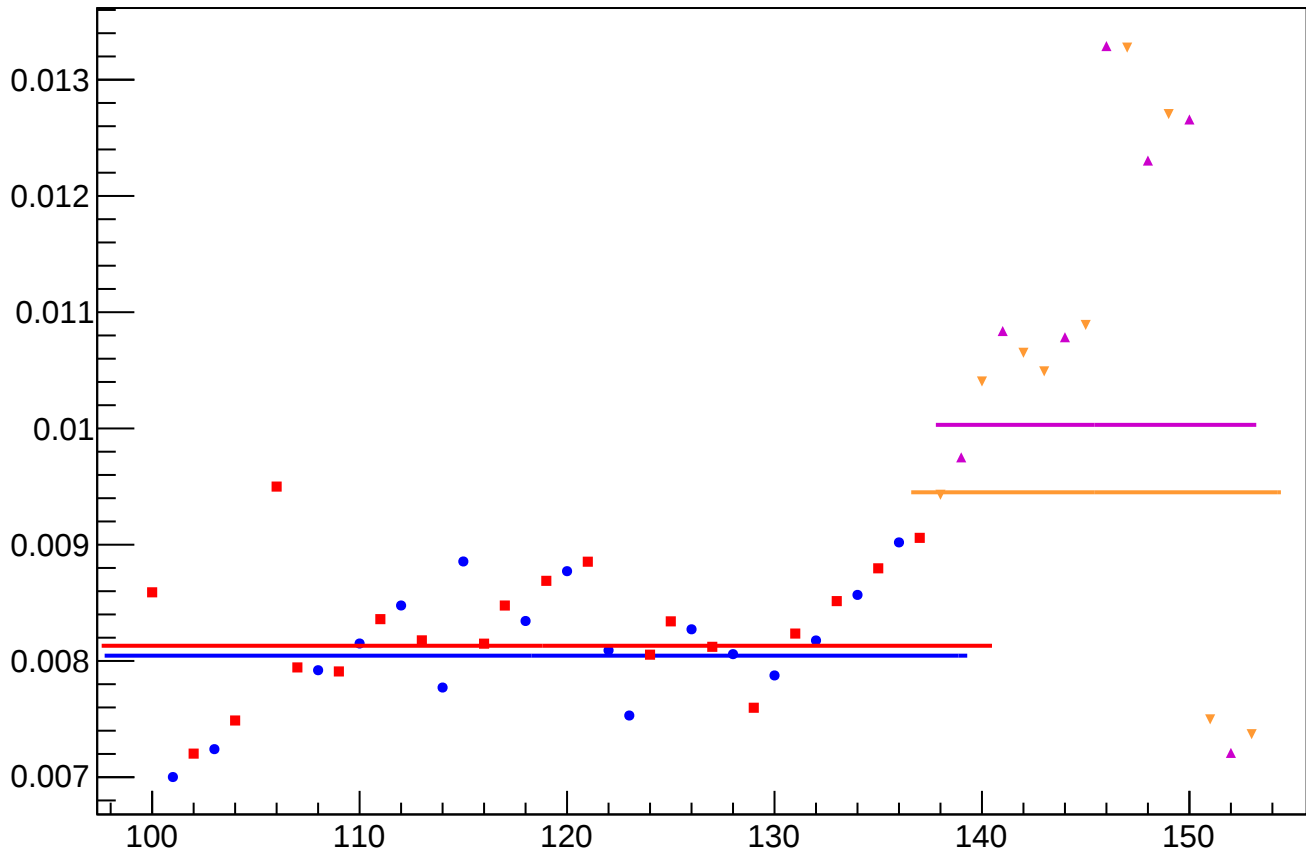
Right Out: -3.522 ± 0.000 $\chi^2/\text{NDF}: 26497611752.4/19$

-3.110 ± 0.000 $\chi^2/\text{NDF}: 144440882815.2$

-3.171 ± 0.000 $\chi^2/\text{NDF}: 66683690659.0/26$

Left In: -2.434 ± 0.000 $\chi^2/\text{NDF}: 811995832.3/6$

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2/NDF : 71989.8/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 461828.6/8

Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 57613.2/19

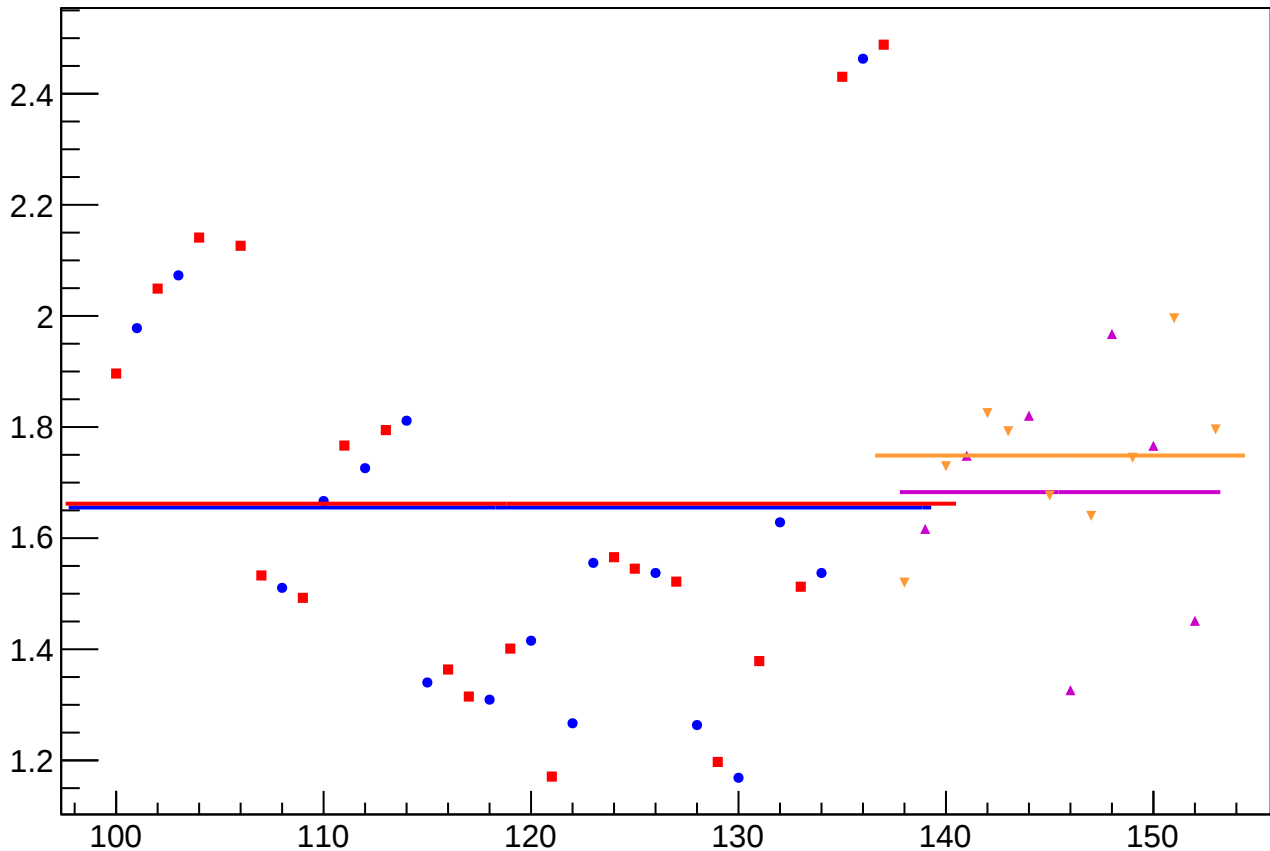
Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 443567.1/6

0.009 $\pm$ 0.000 χ^2/NDF : 688417.1/25

0.009 $\pm$ 0.000 χ^2/NDF : 1433107.9/52

0.009 $\pm$ 0.000 χ^2/NDF : 741102.7/26

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.655+/-0.000 χ^2/NDF : 6476474909.3/16

Left Out: 1.749+/-0.000 χ^2/NDF : 858454712.3/8

Right Out: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

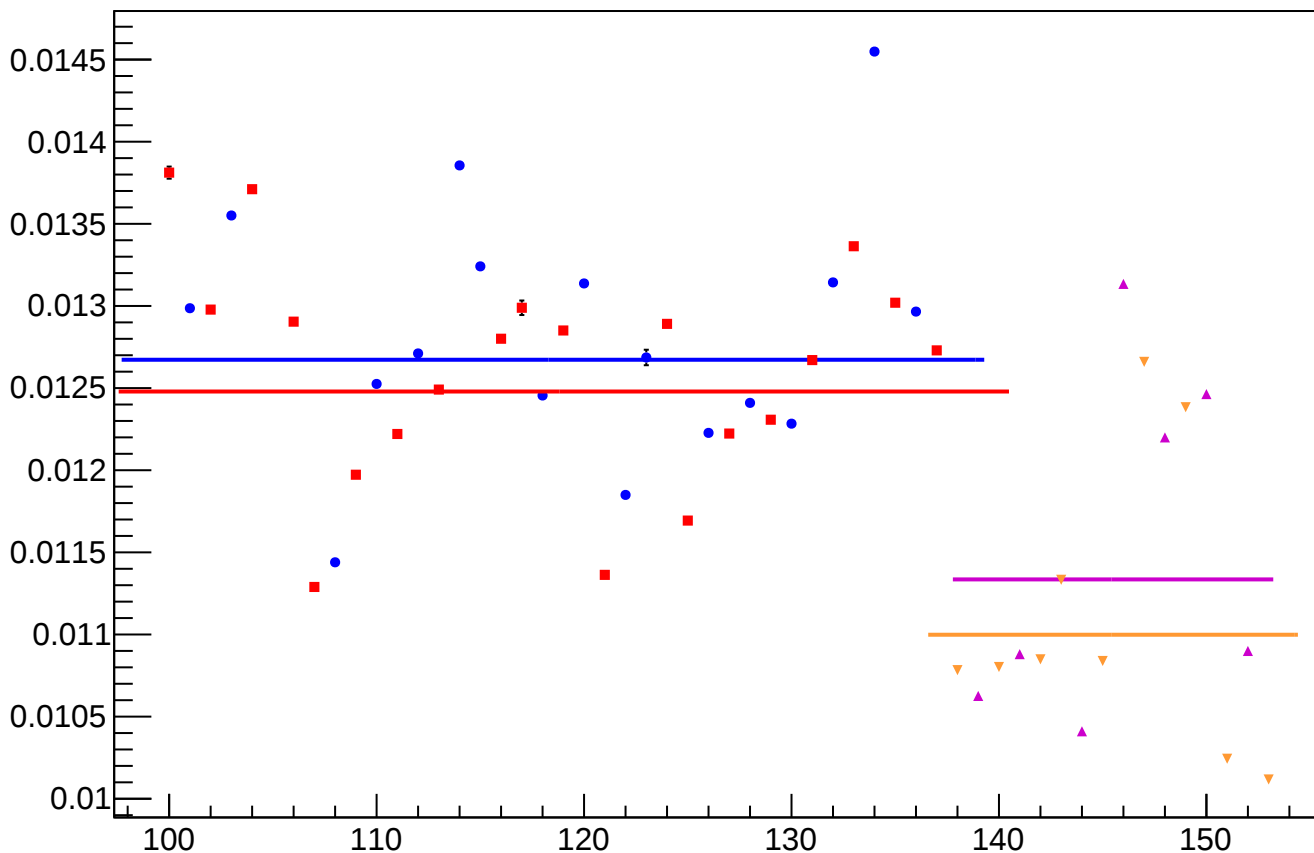
Left In: 1.683+/-0.000 χ^2/NDF : 1480642203.2/6

1.707+/-0.000 χ^2/NDF : 7533446730.2/25

1.690+/-0.000 χ^2/NDF : 15053481656.1/5

1.672+/-0.000 χ^2/NDF : 7465215292.3/26

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 : 65289.5/8

Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 39268.9/19

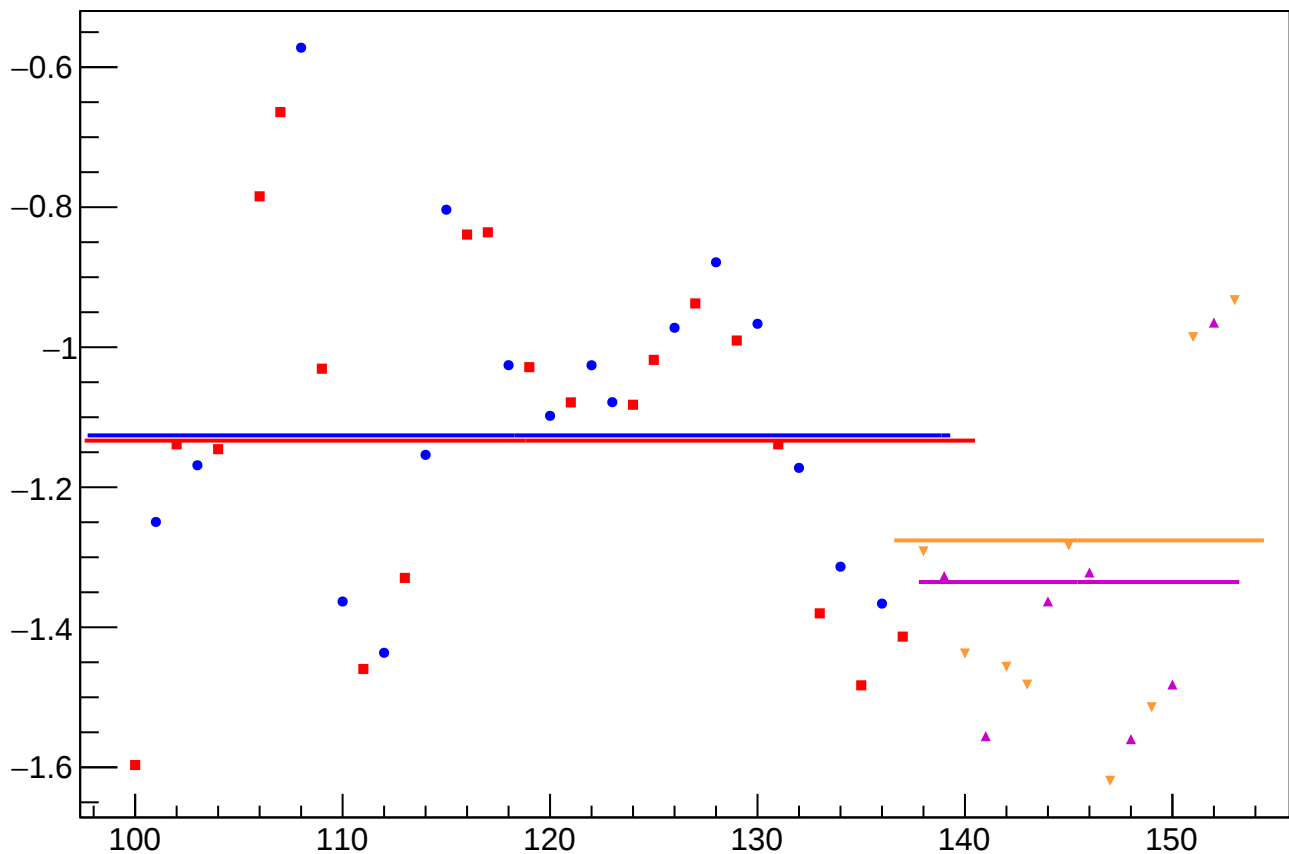
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 70786.3/6

0.012 $\pm$ 0.000 χ^2/NDF : 224309.4/25

0.012 $\pm$ 0.000 χ^2/NDF : 393317.7/52

0.012 $\pm$ 0.000 χ^2/NDF : 165848.9/26

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2/NDF : 3574776639.2/16

Left Out: -1.276+/-0.000 χ^2/NDF : 4500698314.8/8

Right Out: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

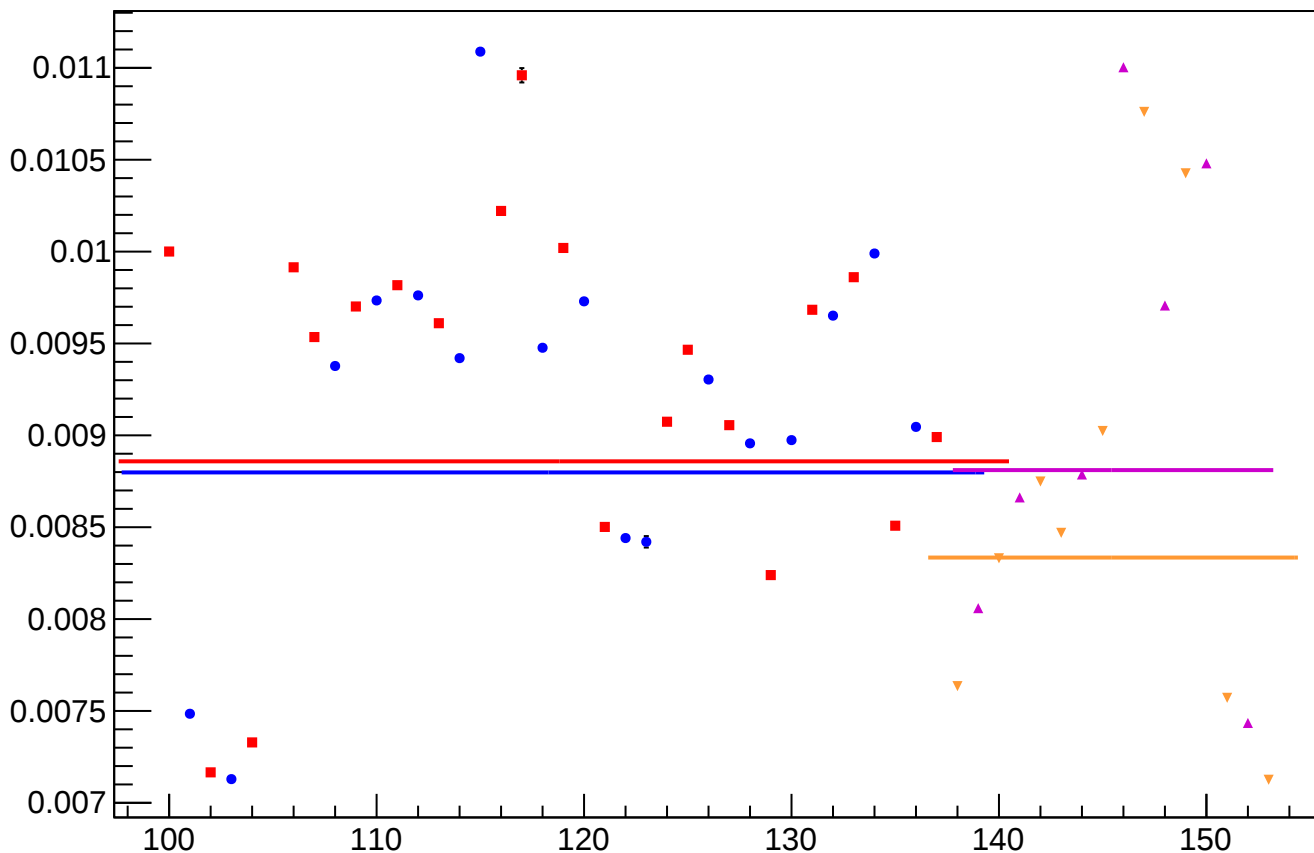
Left In: -1.335+/-0.000 χ^2/NDF : 2965290475.1/6

-1.201+/-0.000 χ^2/NDF : 9004968749.1/25

-1.211+/-0.000 χ^2/NDF : 17205631182.4/5

-1.221+/-0.000 χ^2/NDF : 8170200312.8/26

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 : 195119.3/8

Right Out: 0.009+/-0.000 χ^2/NDF : 176858.0/19

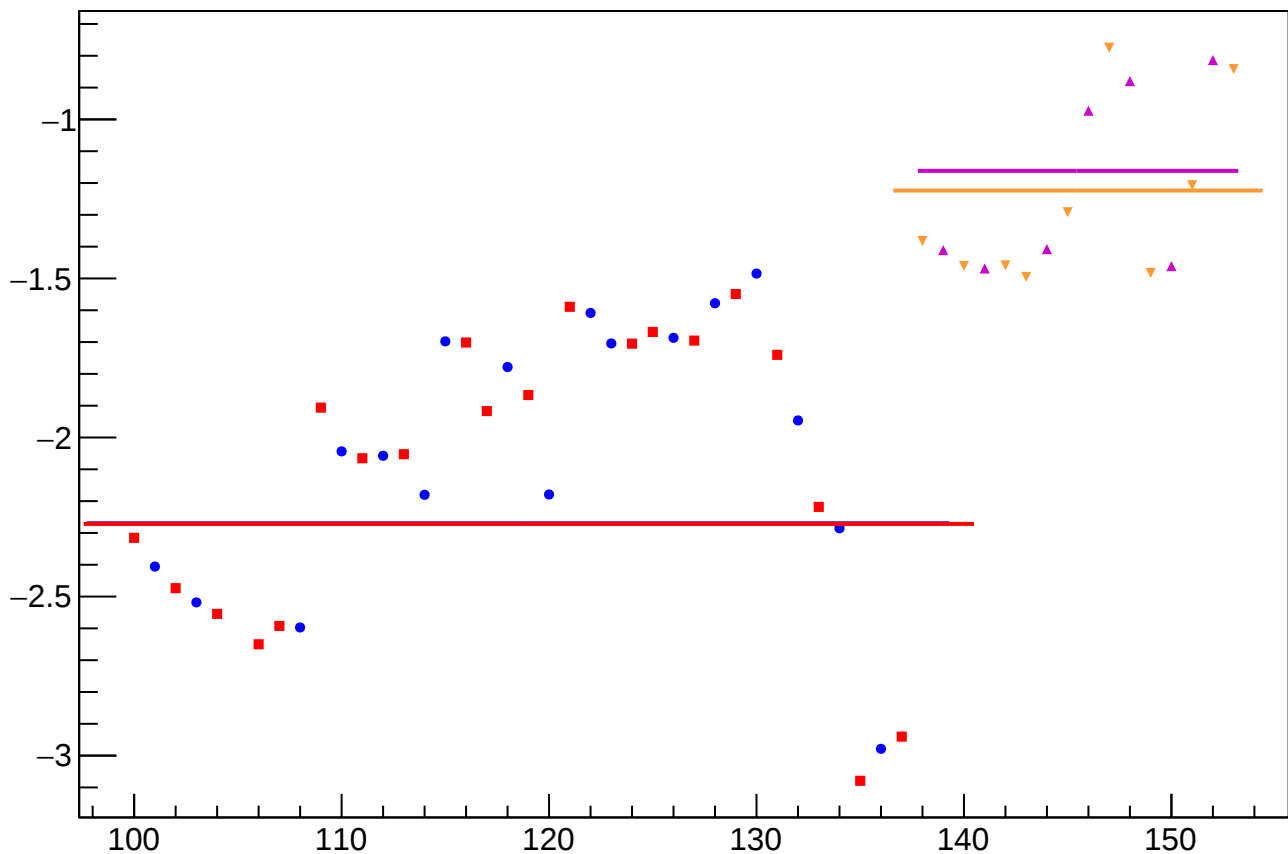
Left In: 0.009+/-0.000 χ^2/NDF : 162491.3/6

0.009+/-0.000 χ^2/NDF : 364447.8/25

0.009+/-0.000 χ^2/NDF : 715590.1/52

0.009+/-0.000 χ^2/NDF : 339516.4/26

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.270+/-0.000 χ^2/NDF : 17408567065.9/16

Left Out: -1.224+/-0.000 χ^2/NDF : 8722247926.0/8

Right Out: -2.272+/-0.000 χ^2/NDF : 19012236430.2/19

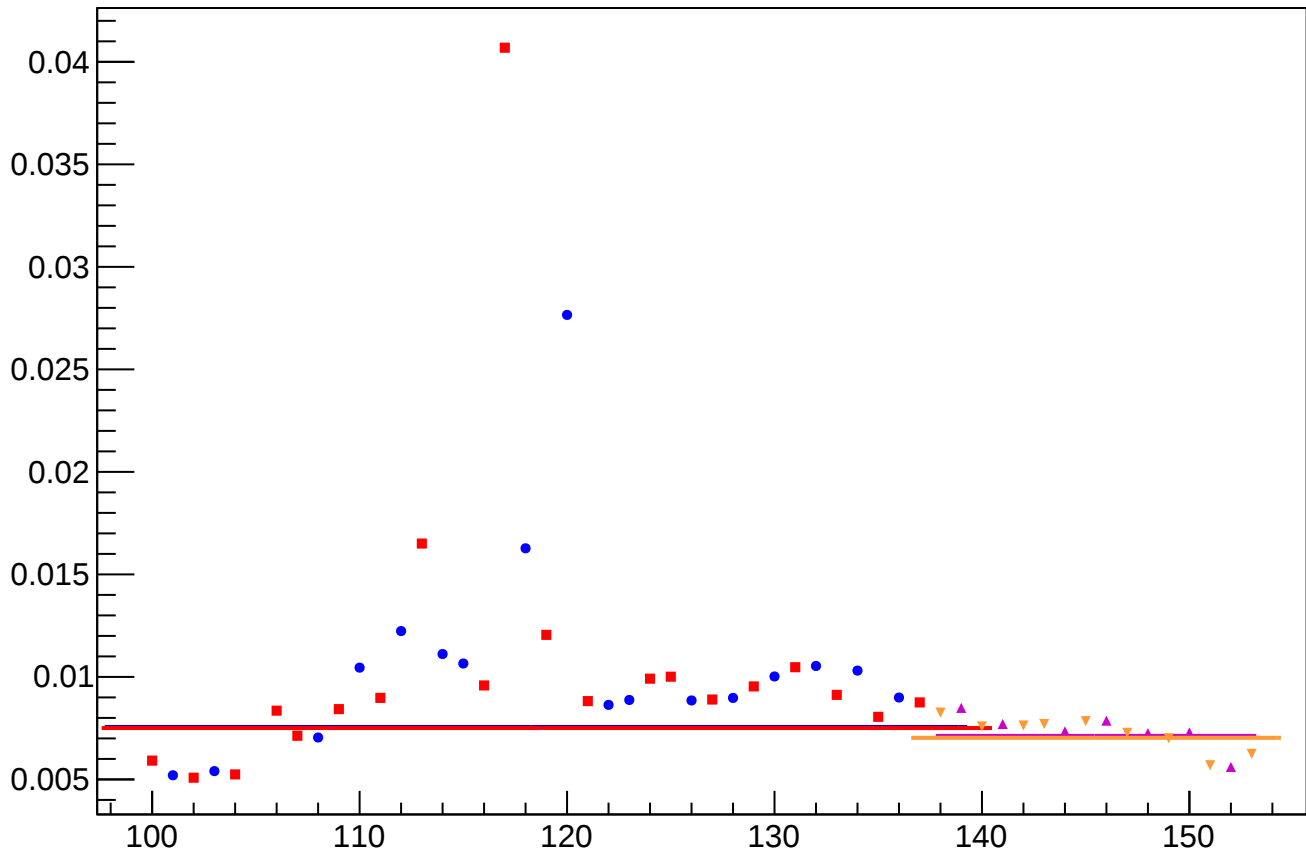
Left In: -1.162+/-0.000 χ^2/NDF : 8607239251.9/6

-1.668+/-0.000 χ^2/NDF : 81619262334.0/25

-1.687+/-0.000 χ^2/NDF : 171780021657.2

-1.707+/-0.000 χ^2/NDF : 89999574789.6/26

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 1221004.0/16

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:164082.8/8

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 984811.6/19

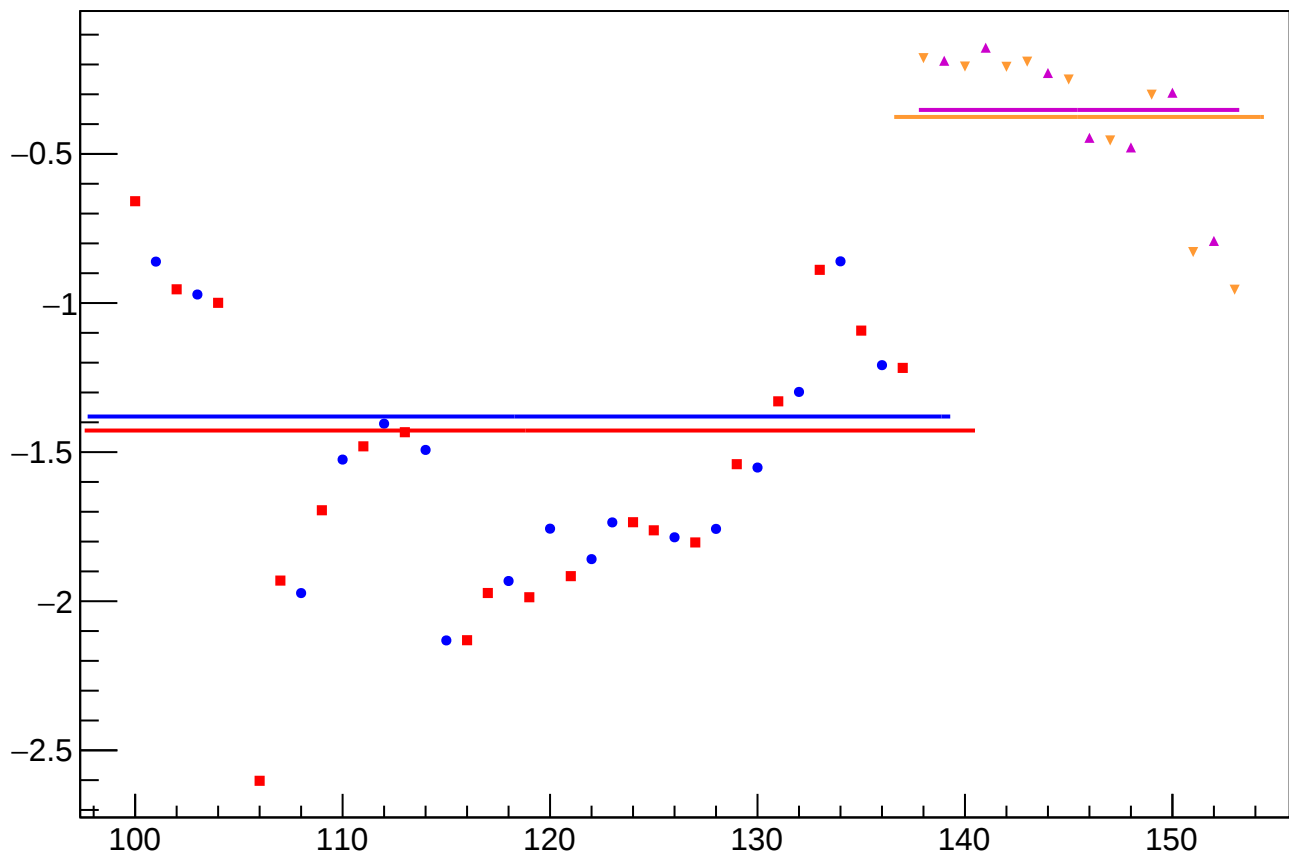
Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:169344.9/6

0.007 $\pm$ 0.000 χ^2 /NDF: 1413378.3/25

0.007 $\pm$ 0.000 χ^2 /NDF: 2583110.1/52

0.007 $\pm$ 0.000 χ^2 /NDF: 1169067.9/26

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381+/-0.000 χ^2/NDF : 20001018652.5/16

Left Out: -0.376+/-0.000 χ^2/NDF : 24031150975.0/8

-0.653+/-0.000 χ^2/NDF : 138936221182.9/25

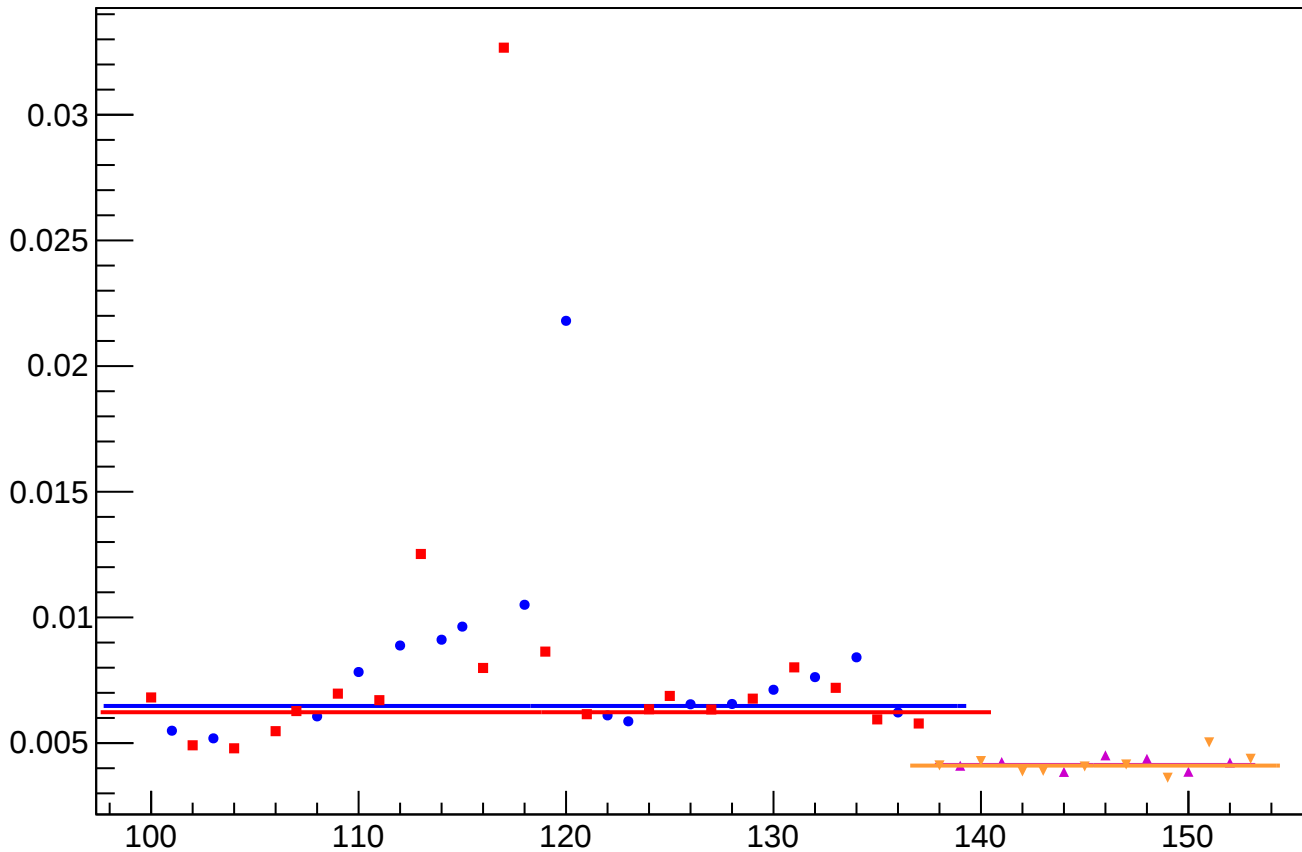
Right Out: -1.428+/-0.000 χ^2/NDF : 29626603581.6/19

-0.684+/-0.000 χ^2/NDF : 298103234043.3

-0.718+/-0.000 χ^2/NDF : 158205010221.7/26

Left In: -0.352+/-0.000 χ^2/NDF : 12602891181.6/6

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 : 78960.5/8

Right Out: 0.006+/-0.000 χ^2/NDF : 472534.6/19

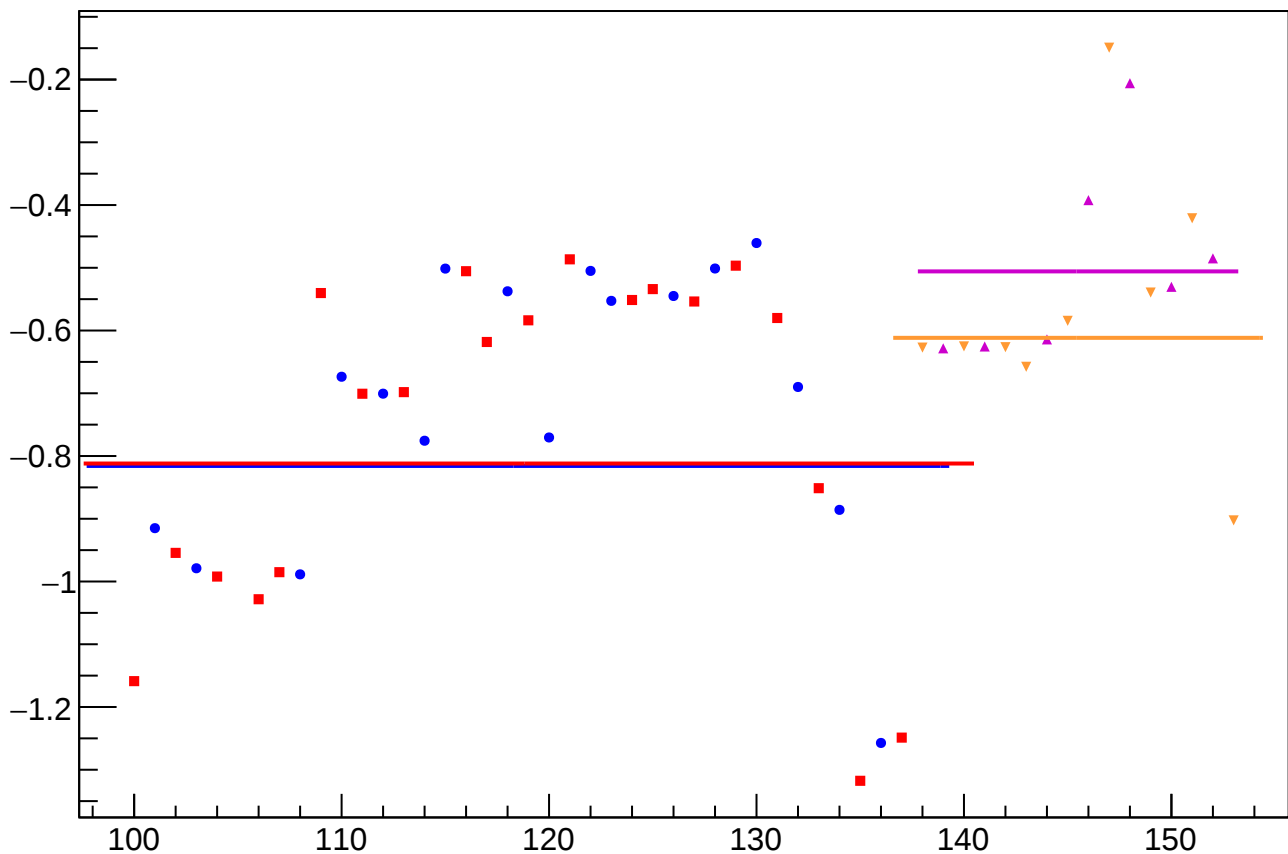
Left In: 0.004+/-0.000 χ^2/NDF : 31229.7/6

0.005+/-0.000 χ^2/NDF : 1710428.9/25

0.005+/-0.000 χ^2/NDF : 3100422.6/52

0.005+/-0.000 χ^2/NDF : 1386755.9/26

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.816+/-0.000 χ^2/NDF : 14172884795.2/16

Left Out: -0.612+/-0.000 χ^2/NDF : 10961909420.7/8

Right Out: -0.812+/-0.000 χ^2/NDF : 16818378599.3/19

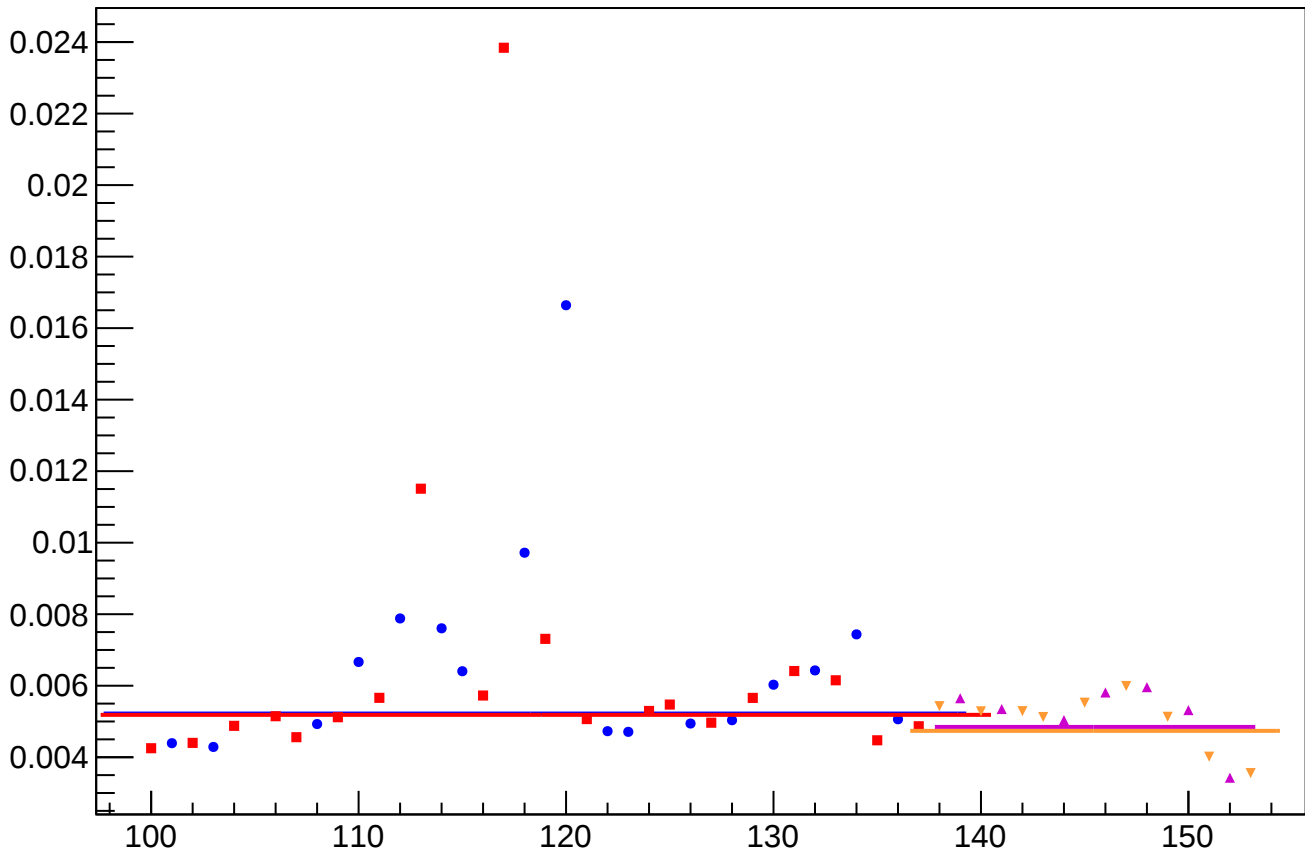
Left In: -0.506+/-0.000 χ^2/NDF : 3270799265.2/6

-0.700+/-0.000 χ^2/NDF : 29767849663.2/25

-0.681+/-0.000 χ^2/NDF : 60440682730.6/5

-0.661+/-0.000 χ^2/NDF : 30332456961.8/26

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 : 360434.5/8

Right Out: 0.005+/-0.000 χ^2/NDF : 410640.5/19

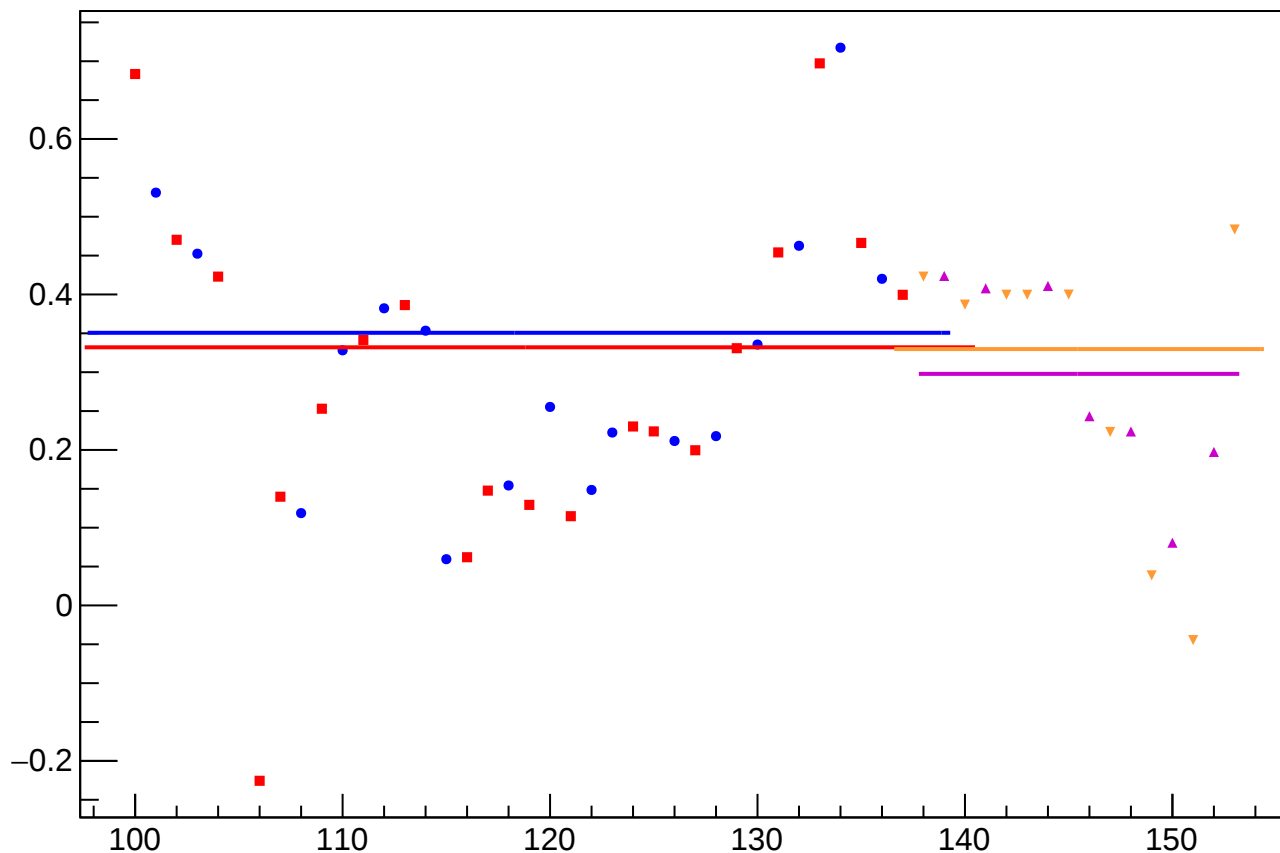
Left In: 0.005+/-0.000 χ^2/NDF : 408527.0/6

0.005+/-0.000 χ^2/NDF : 1076881.2/25

0.005+/-0.000 χ^2/NDF : 1923270.7/52

0.005+/-0.000 χ^2/NDF : 844112.5/26

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.330+/-0.000 χ^2/NDF : 11528154808.8/8

Right Out: 0.332+/-0.000 χ^2/NDF : 11800695210.2/19

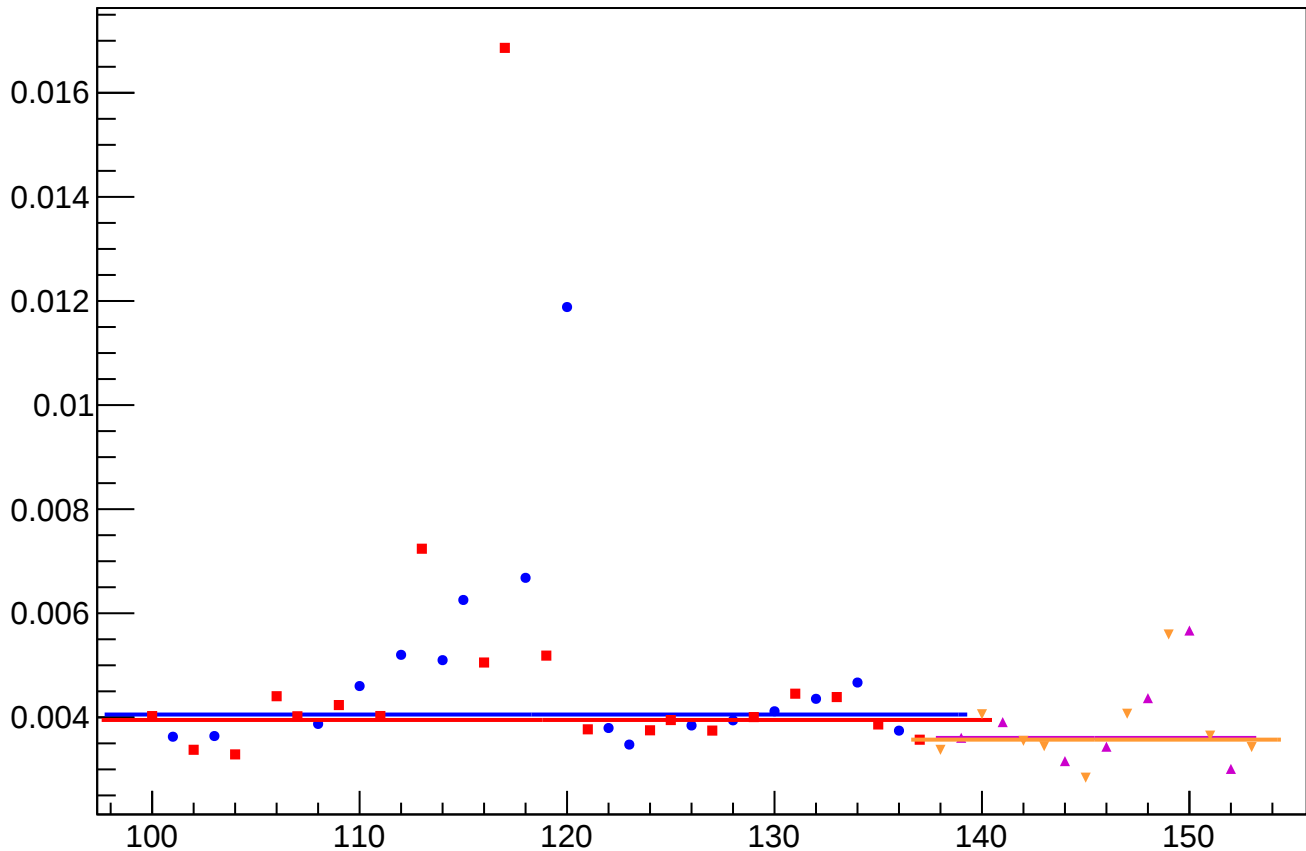
Left In: 0.298+/-0.000 χ^2/NDF : 4442332255.8/6

0.339+/-0.000 χ^2/NDF : 19022074978.3/25

0.328+/-0.000 χ^2/NDF : 35694001245.4/5

0.316+/-0.000 χ^2/NDF : 16462028510.8/26

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 455318.3/16

Left Out: 0.004+/-0.000 χ^2/NDF :313883.5/8

Right Out: 0.004+/-0.000 χ^2/NDF : 304954.7/19

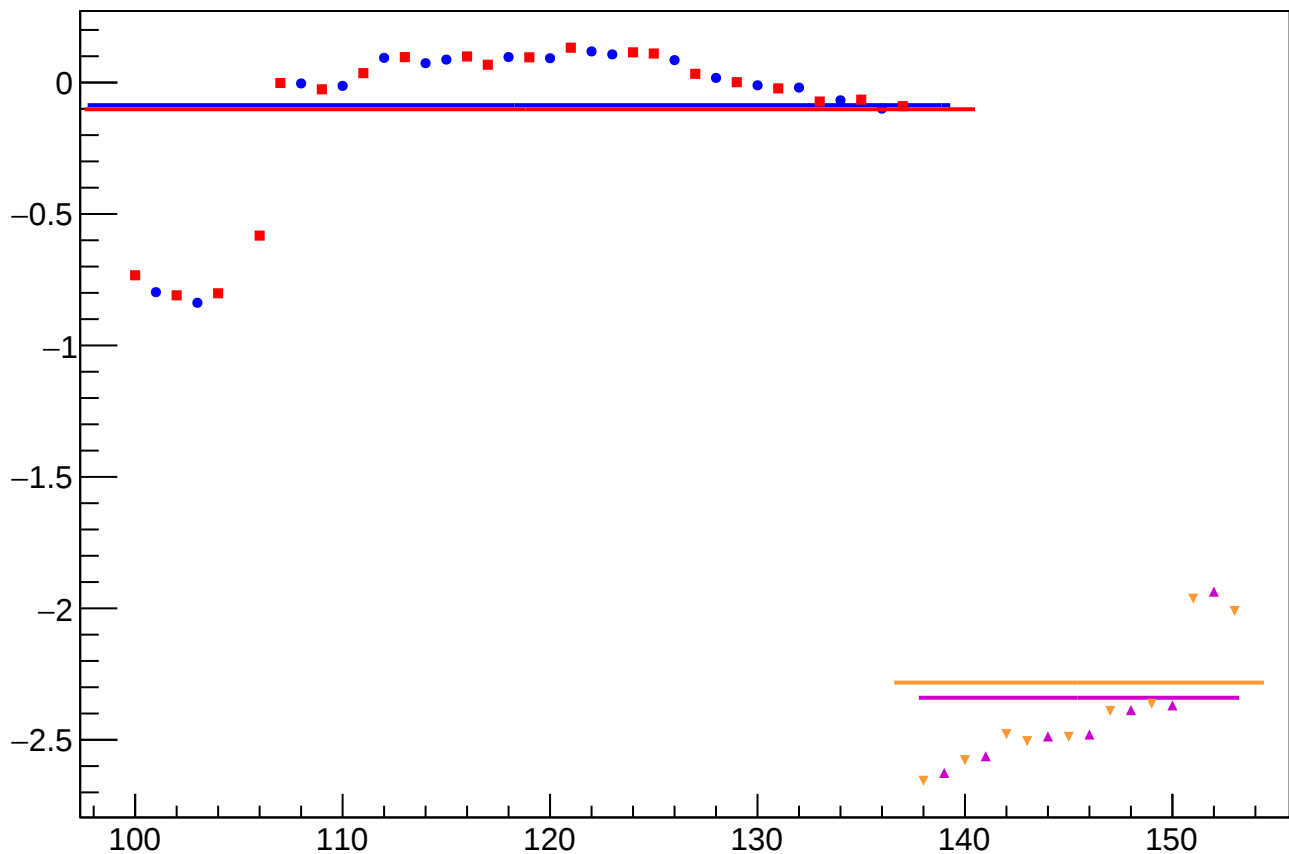
Left In: 0.004+/-0.000 χ^2/NDF :338925.3/6

0.004+/-0.000 χ^2/NDF : 857370.4/25

0.004+/-0.000 χ^2/NDF : 1546021.6/52

0.004+/-0.000 χ^2/NDF : 688628.9/26

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.000 χ^2/NDF : 4989387592.7/16

Left Out: -2.282+/-0.000 χ^2/NDF : 2986834843.8/8

Right Out: -0.102+/-0.000 χ^2/NDF : 5566142794.2/19

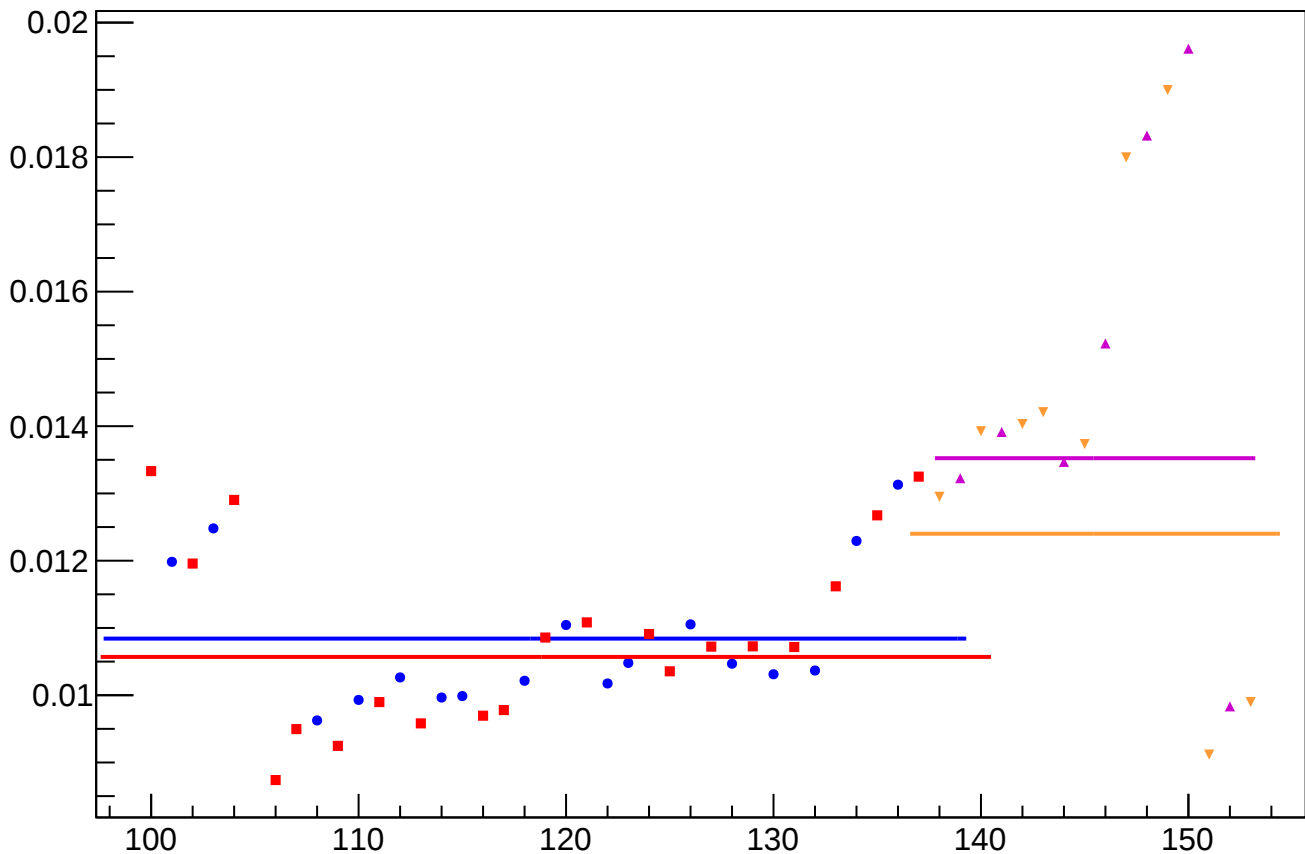
Left In: -2.340+/-0.000 χ^2/NDF : 2093293780.6/6

-0.998+/-0.000 χ^2/NDF : 121067821657.8/25

-0.908+/-0.000 χ^2/NDF : 231125705078.5

-0.815+/-0.000 χ^2/NDF : 108473246559.0/26

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 124260.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 717835.9/8

Right Out: 0.011+/-0.000 χ^2/NDF : 179537.7/19

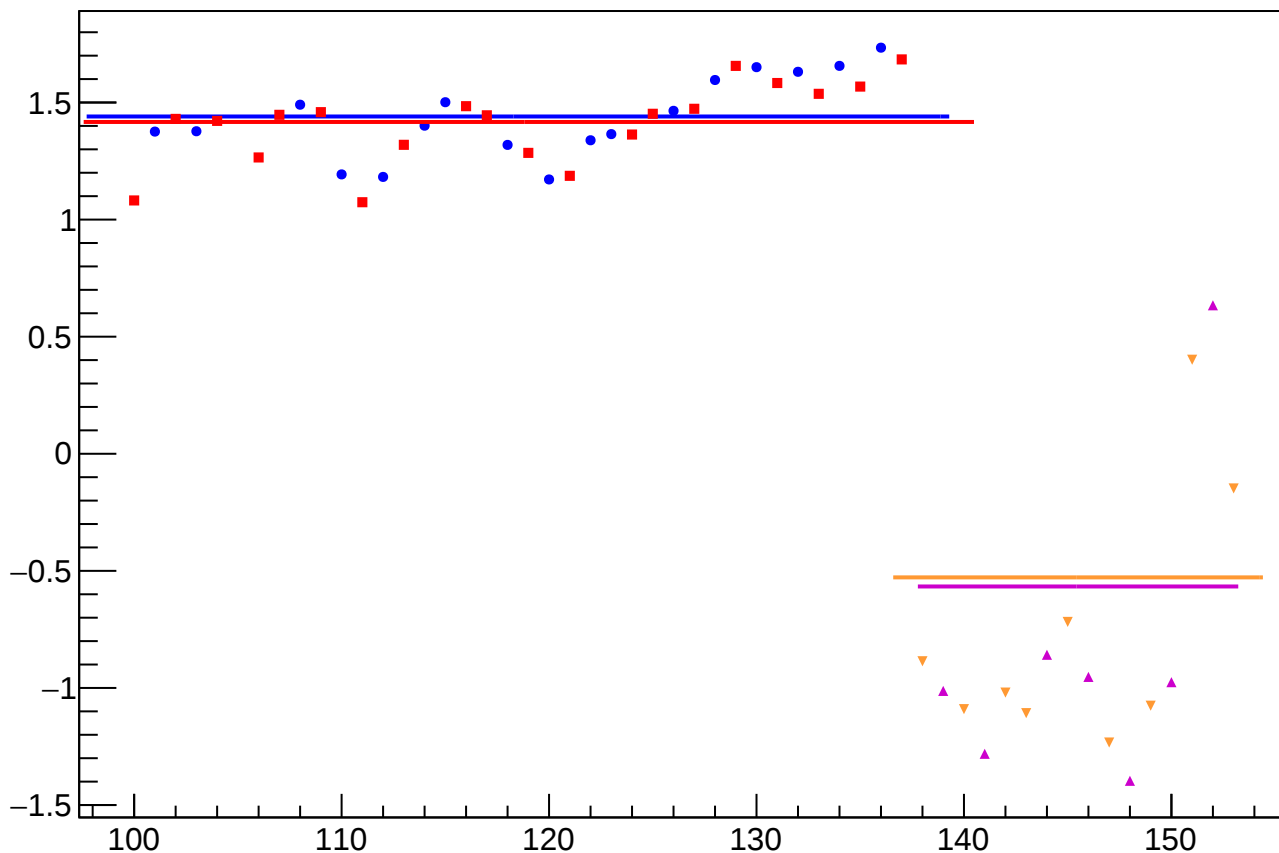
Left In: 0.014+/-0.000 χ^2/NDF : 529961.0/6

0.011+/-0.000 χ^2/NDF : 956070.0/25

0.011+/-0.000 χ^2/NDF : 2016868.8/52

0.012+/-0.000 χ^2/NDF : 1060754.7/26

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.440 $\pm$ 0.000 χ^2/NDF : 3449252780.8/16

Left Out: -0.528 $\pm$ 0.000 χ^2/NDF : 25953512294.3/8

Right Out: 1.417 $\pm$ 0.000 χ^2/NDF : 2674679406.4/19

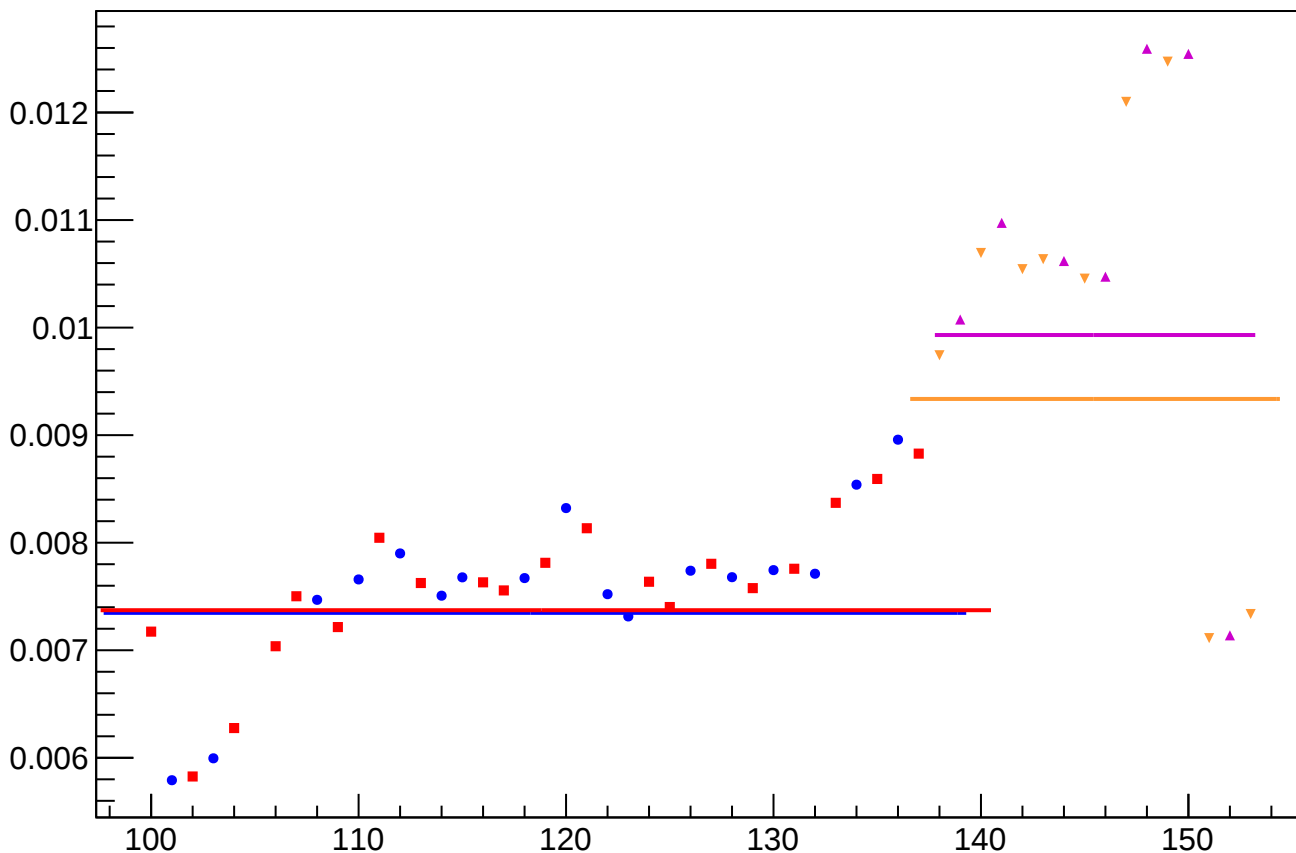
Left In: -0.567 $\pm$ 0.000 χ^2/NDF : 34417522490.2/6

0.711 $\pm$ 0.000 χ^2/NDF : 204683911111.5/25

0.766 $\pm$ 0.000 χ^2/NDF : 395770413863.1/1

0.824 $\pm$ 0.000 χ^2/NDF : 189867272011.9/26

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 228163.6/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 528934.1/8

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 172741.0/19

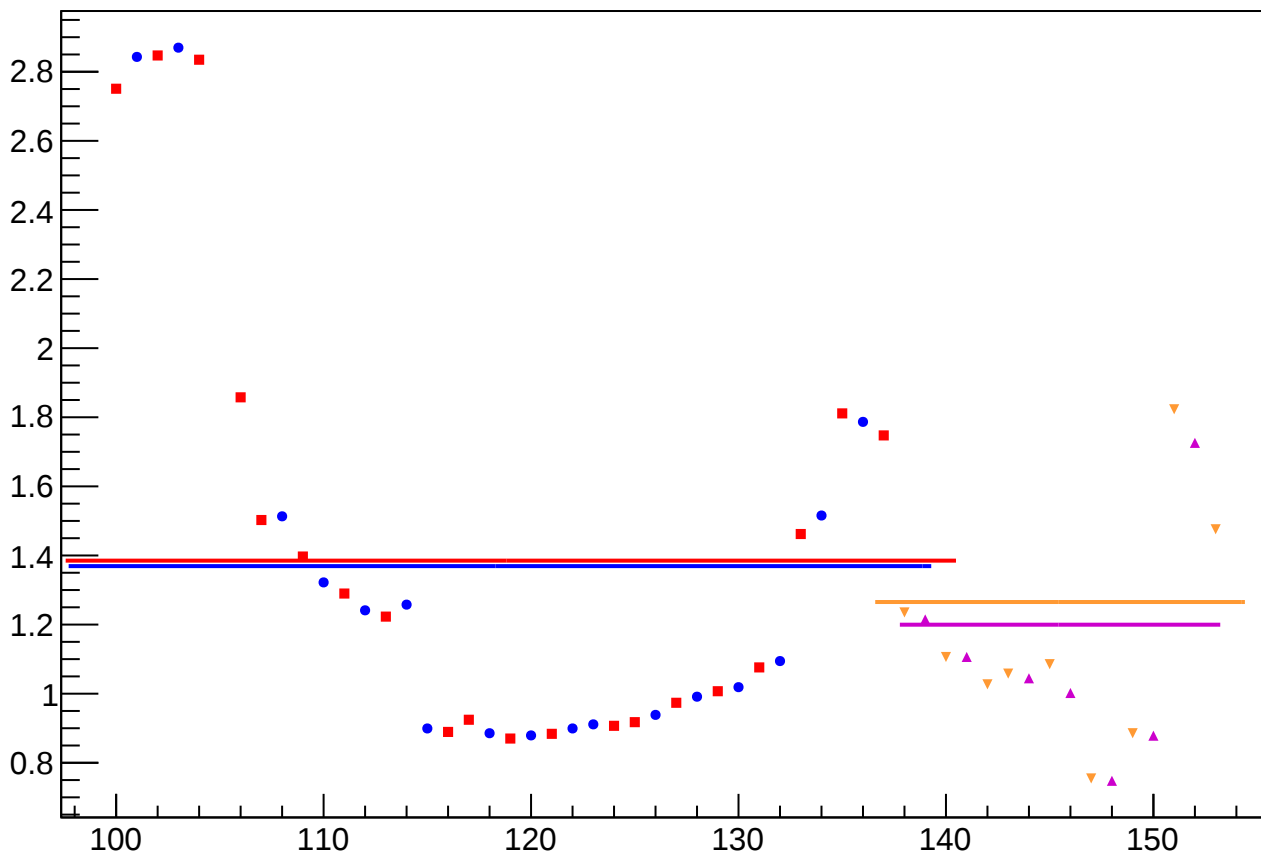
Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 426584.2/6

0.008 $\pm$ 0.000 χ^2/NDF : 1115080.3/25

0.008 $\pm$ 0.000 χ^2/NDF : 2223357.4/52

0.008 $\pm$ 0.000 χ^2/NDF : 1107766.1/26

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.369 $\pm$ 0.000 χ^2/NDF : 54205395389.8/16

Left Out: 1.265 $\pm$ 0.000 χ^2/NDF : 8697653129.1/8

Right Out: 1.385 $\pm$ 0.000 χ^2/NDF : 50114562617.6/19

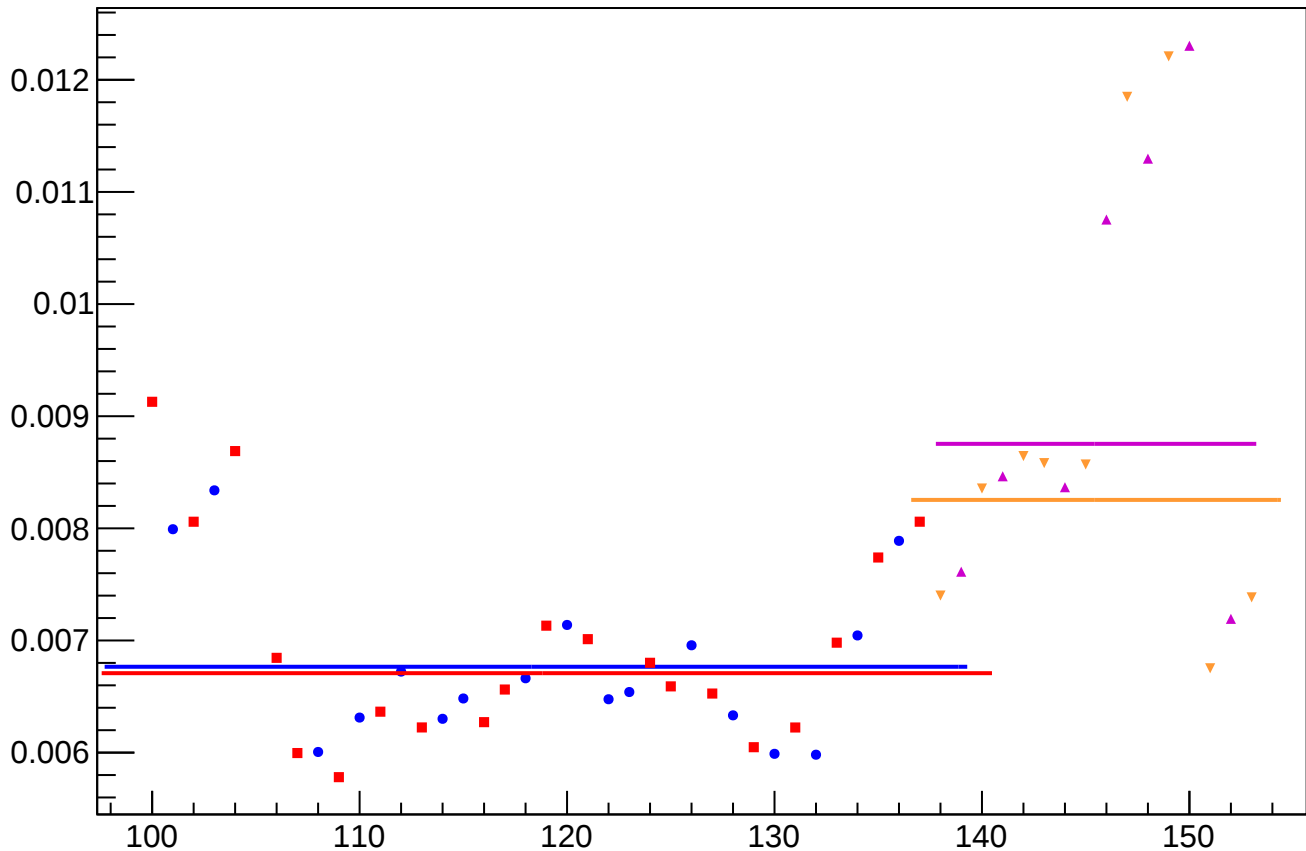
Left In: 1.200 $\pm$ 0.000 χ^2/NDF : 6788272703.7/6

1.330 $\pm$ 0.000 χ^2/NDF : 63494561077.9/25

1.329 $\pm$ 0.000 χ^2/NDF : 122035026953.7/25

1.329 $\pm$ 0.000 χ^2/NDF : 58540316766.2/26

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 159554.9/16

Left Out: 0.008+/-0.000 χ^2/NDF :398399.4/8

Right Out: 0.007+/-0.000 χ^2/NDF : 187869.7/19

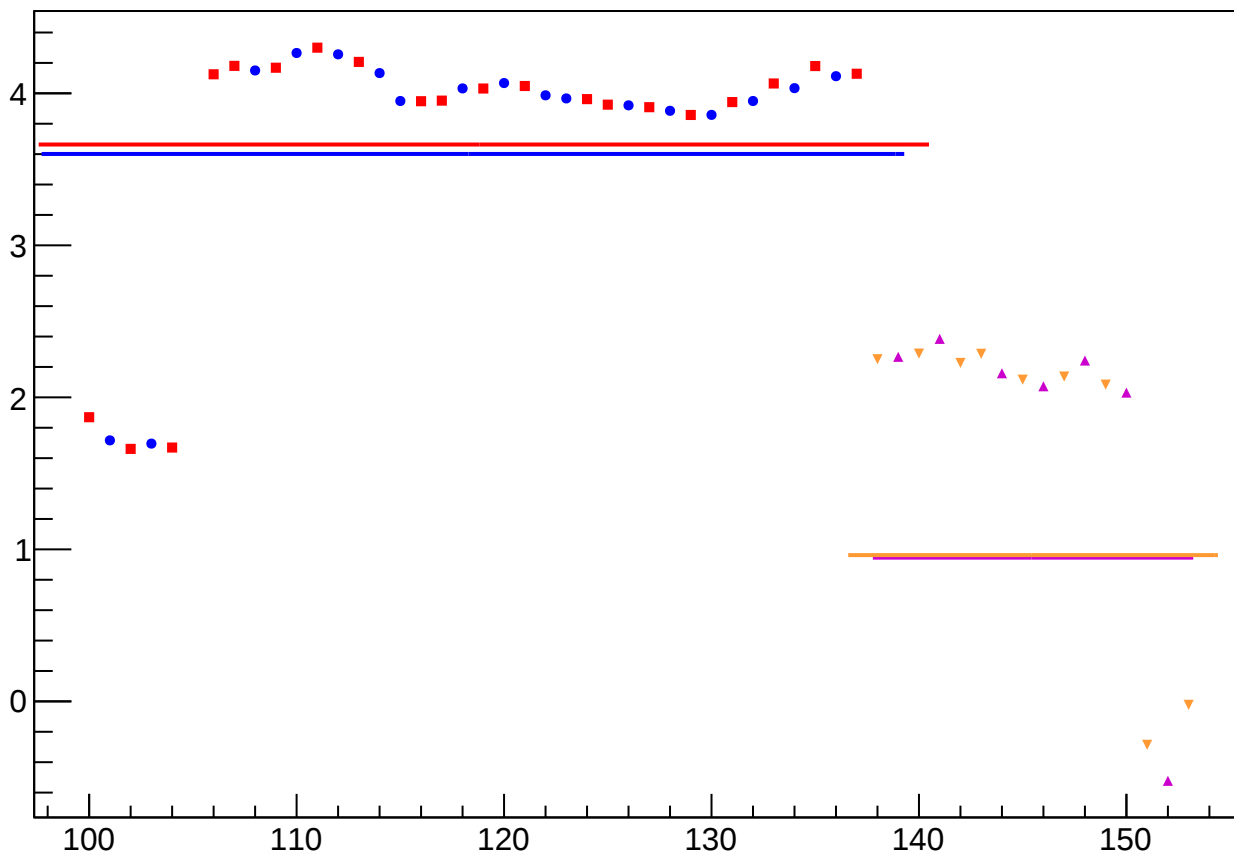
Left In: 0.009+/-0.000 χ^2/NDF :372260.9/6

0.007+/-0.000 χ^2/NDF : 800728.0/25

0.007+/-0.000 χ^2/NDF : 1759375.7/52

0.007+/-0.000 χ^2/NDF : 958647.6/26

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.601 $\pm$ 0.000 χ^2 /NDF: 185806937655.3/16

Left Out: 0.962 $\pm$ 0.000 χ^2 /NDF: 221487034931.1/8

2.472 $\pm$ 0.000 χ^2 /NDF: 1050603267785.5/25

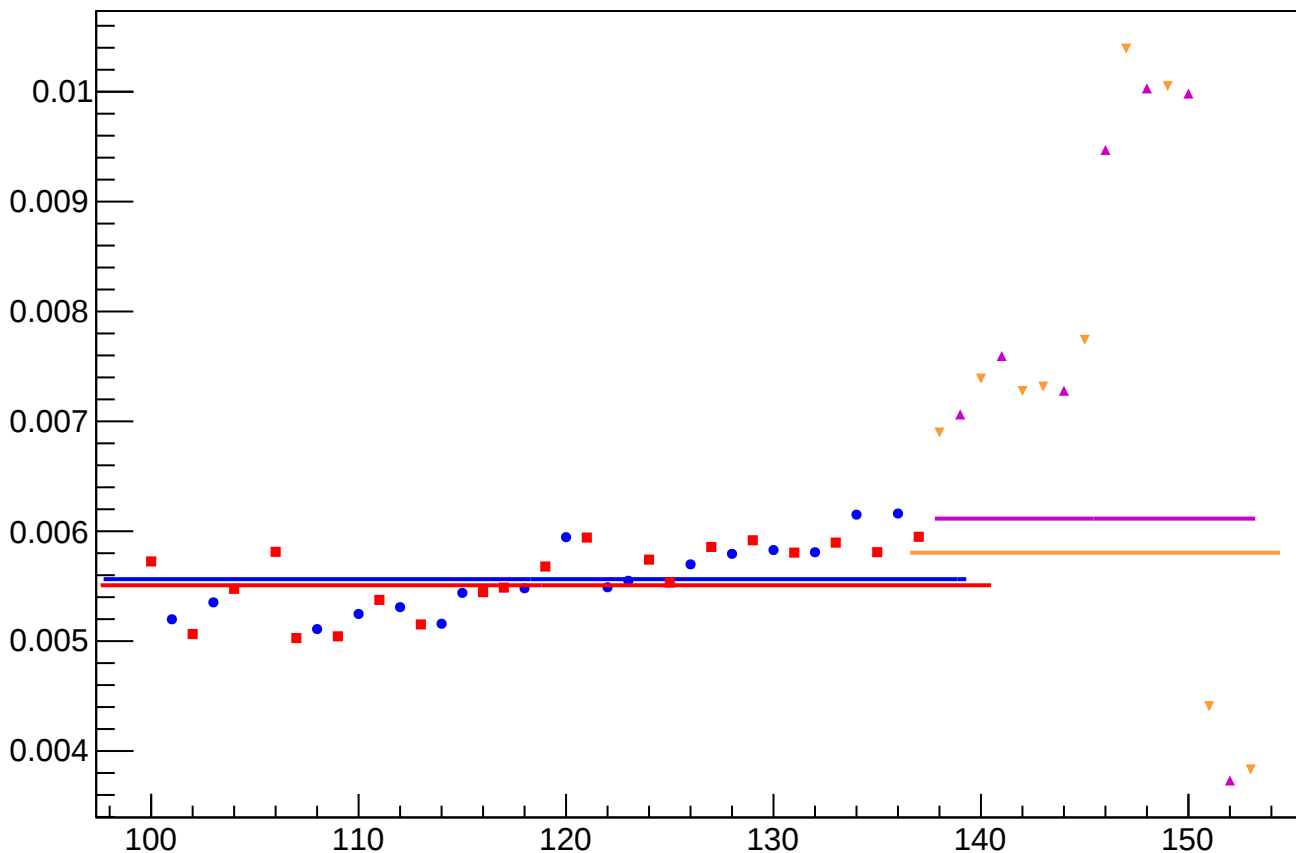
Right Out: 3.663 $\pm$ 0.000 χ^2 /NDF: 192640409625.9/19

2.589 $\pm$ 0.000 χ^2 /NDF: 2082102454276.3

2.712 $\pm$ 0.000 χ^2 /NDF: 1020947387864.4/26

Left In: 0.946 $\pm$ 0.000 χ^2 /NDF: 232165099003.3/6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.006+/-0.000 χ^2/NDF :1353448.7/8

Right Out: 0.006+/-0.000 χ^2/NDF : 52636.1/19

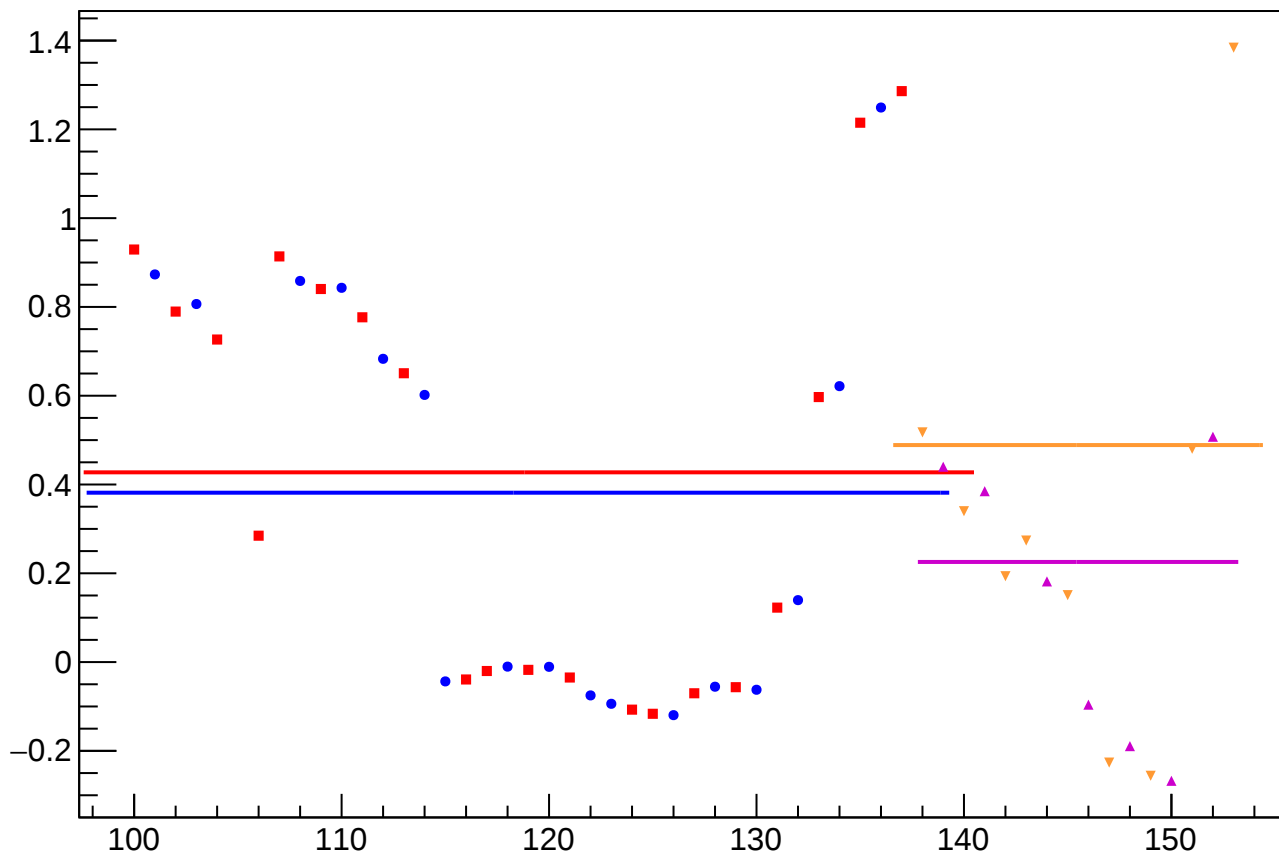
Left In: 0.006+/-0.000 χ^2/NDF :1414366.0/6

0.006+/-0.000 χ^2/NDF : 1411706.5/25

0.006+/-0.000 χ^2/NDF : 2939128.7/52

0.006+/-0.000 χ^2/NDF : 1526368.5/26

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.382 ± 0.000 χ^2/NDF : 7124759123.1/16

Left Out: 0.489 ± 0.000 χ^2/NDF : 9194438484.3/8

Right Out: 0.427 ± 0.000 χ^2/NDF : 6716521382.4/19

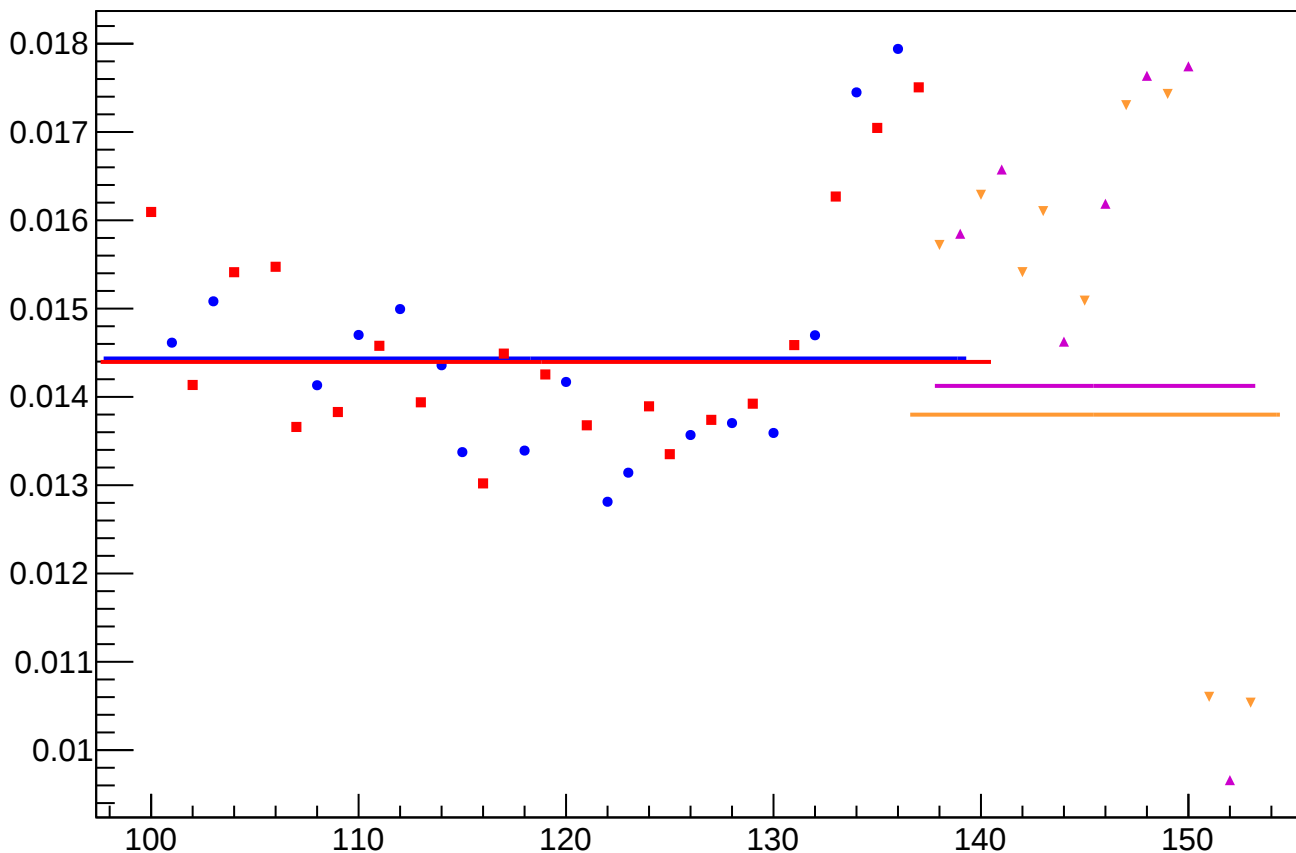
Left In: 0.226 ± 0.000 χ^2/NDF : 2315145411.4/6

0.436 ± 0.000 χ^2/NDF : 16504139545.8/25

0.388 ± 0.000 χ^2/NDF : 26440885770.3/5

0.338 ± 0.000 χ^2/NDF : 9639487566.7/26

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 110224.4/16

Left Out: 0.014+/-0.000 χ^2/NDF : 524941.4/8

Right Out: 0.014+/-0.000 χ^2/NDF : 74535.1/19

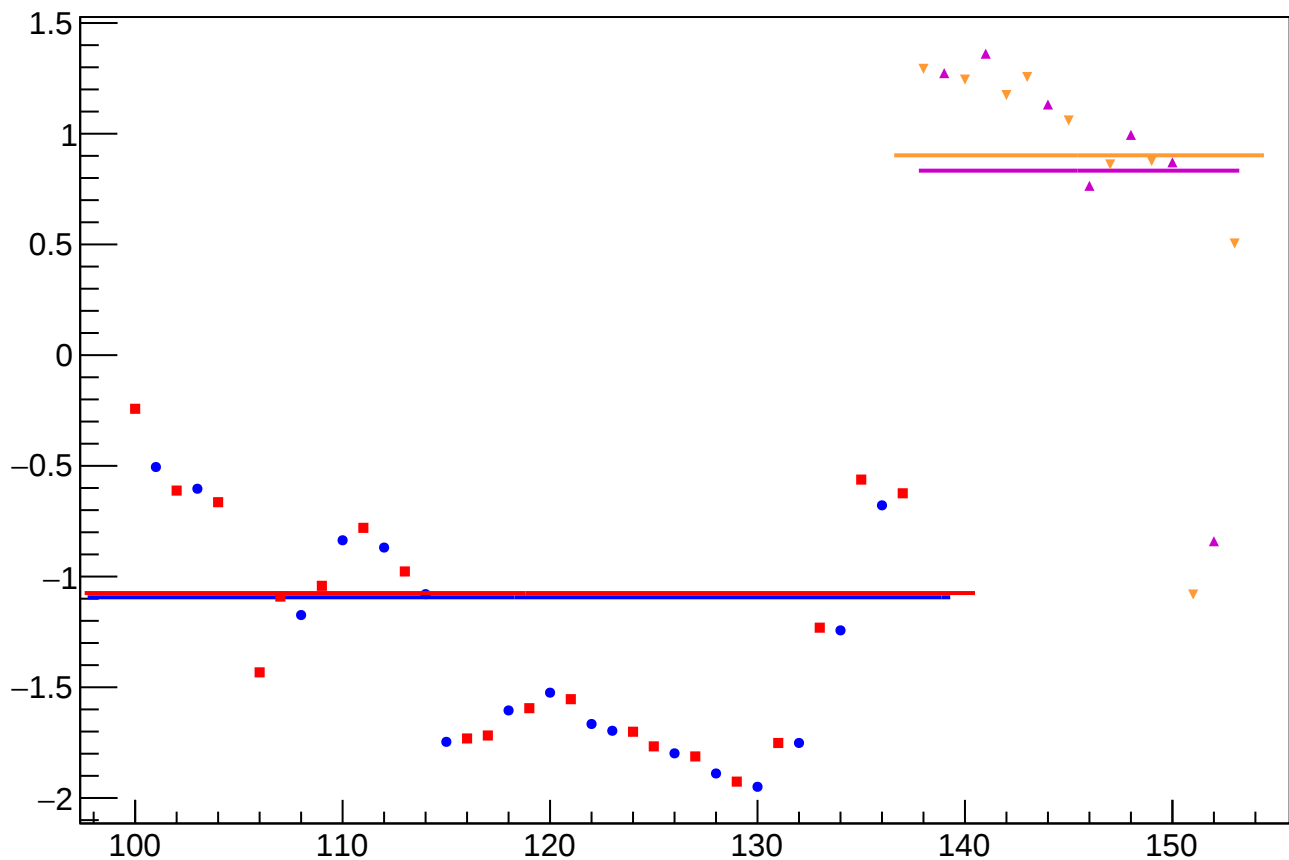
Left In: 0.014+/-0.000 χ^2/NDF : 563698.4/6

0.014+/-0.000 χ^2/NDF : 648157.6/25

0.014+/-0.000 χ^2/NDF : 1290232.9/52

0.014+/-0.000 χ^2/NDF : 640432.4/26

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.094+/-0.000 χ^2/NDF : 55960104370.4/16

Left Out: 0.902+/-0.000 χ^2/NDF : 116120864689.6/8

Right Out: -1.074+/-0.000 χ^2/NDF : 47208439320.8/19

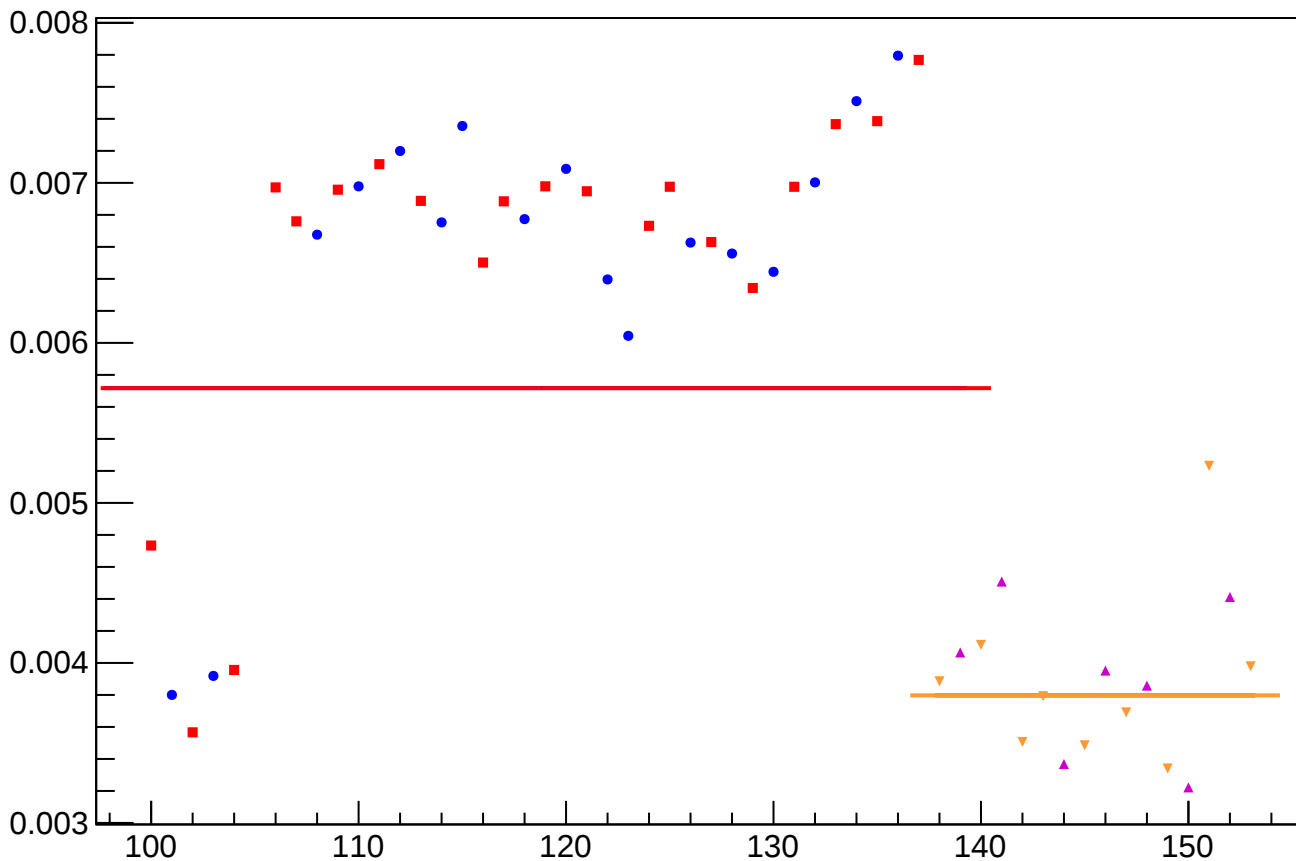
Left In: 0.833+/-0.000 χ^2/NDF : 137733325557.7/6

0.275+/-0.000 χ^2/NDF : 668418528456.2/25

0.217+/-0.000 χ^2/NDF : 1301734389948.7

0.154+/-0.000 χ^2/NDF : 629236472623.2/26

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 837775.0/16

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:145983.4/8

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 925957.4/19

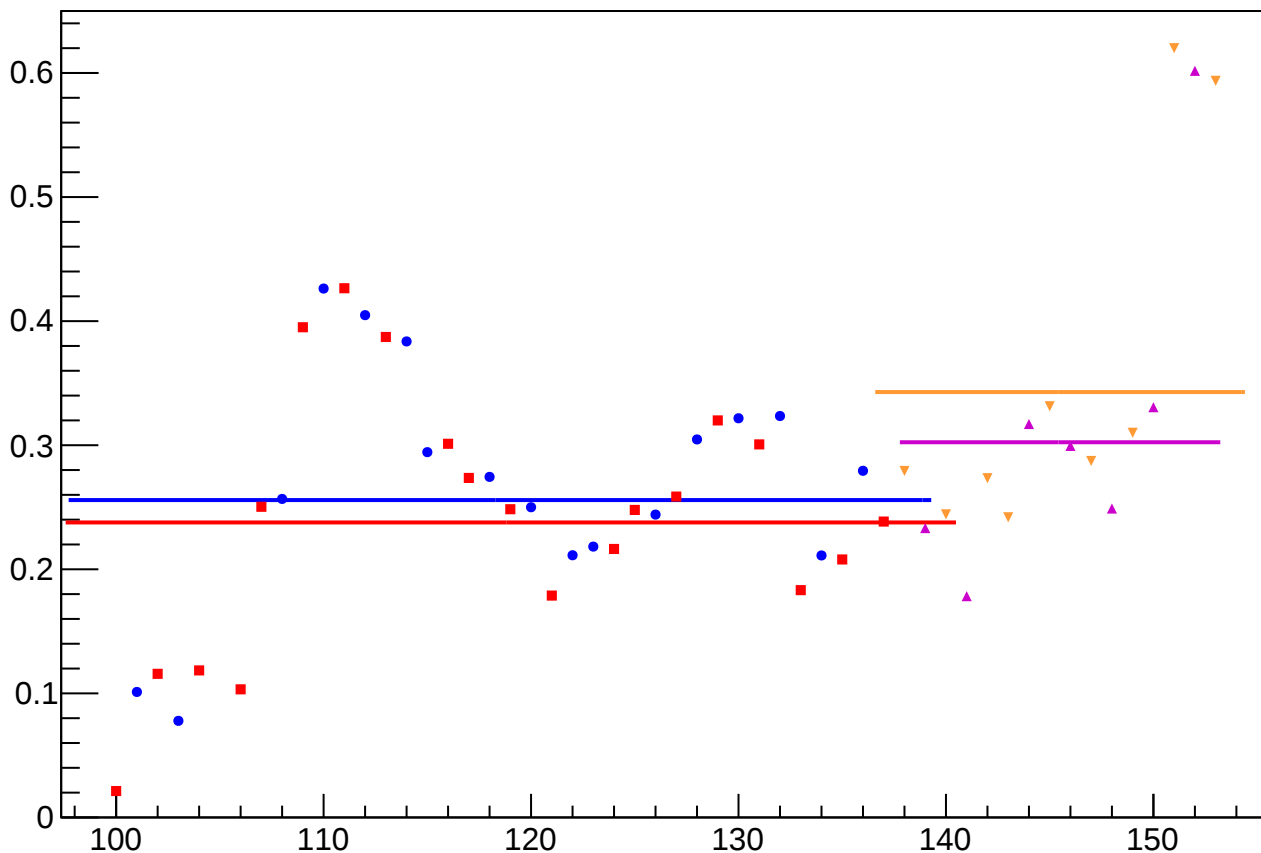
Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:150662.8/6

0.004 $\pm$ 0.000 χ^2 /NDF: 1902491.0/25

0.004 $\pm$ 0.000 χ^2 /NDF: 3882975.5/52

0.004 $\pm$ 0.000 χ^2 /NDF: 1976924.9/26

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.256 $\pm$ 0.000 χ^2/NDF : 21365489849.4/16

Left Out: 0.343 $\pm$ 0.000 χ^2/NDF : 37134038325.6/8

Right Out: 0.238 $\pm$ 0.000 χ^2/NDF : 26077768189.7/19

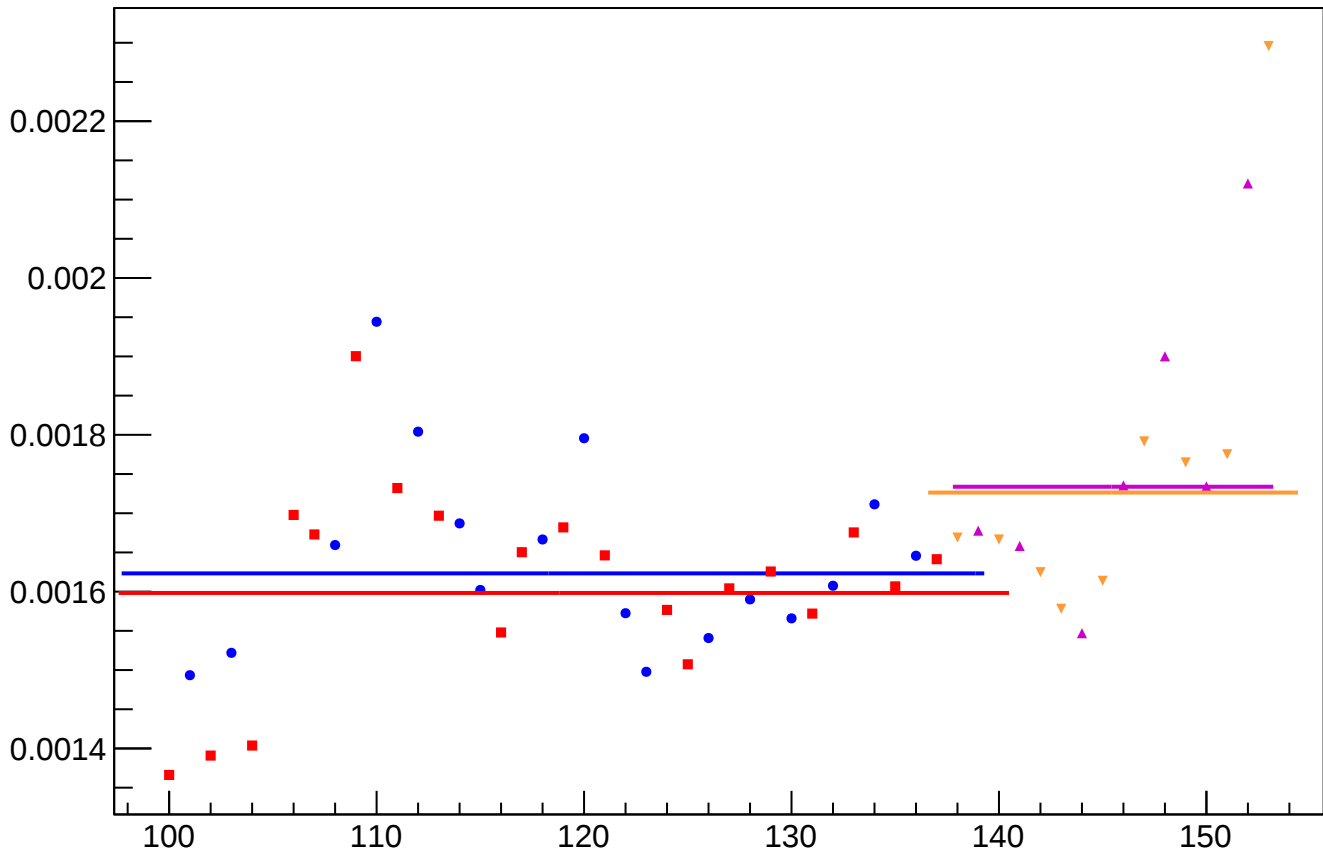
Left In: 0.302 $\pm$ 0.000 χ^2/NDF : 22630007611.7/6

0.297 $\pm$ 0.000 χ^2/NDF : 67183854014.1/25

0.280 $\pm$ 0.000 χ^2/NDF : 122960955574.5/

0.264 $\pm$ 0.000 χ^2/NDF : 53290216626.4/26

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 :125246.5/8

Right Out: 0.002+/-0.000 χ^2/NDF : 90764.4/19

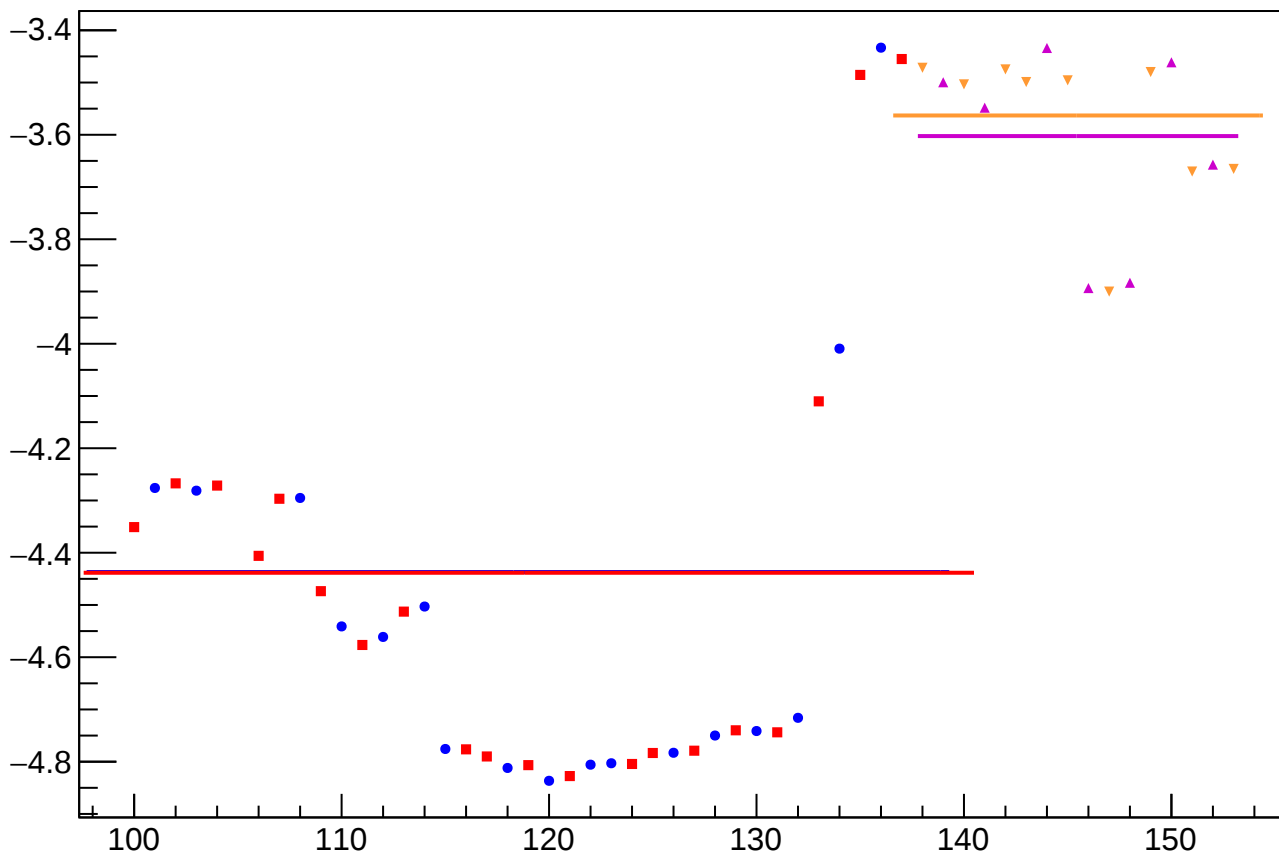
Left In: 0.002+/-0.000 χ^2/NDF :94399.9/6

0.002+/-0.000 χ^2/NDF : 202059.3/25

0.002+/-0.000 χ^2/NDF : 429128.5/52

0.002+/-0.000 χ^2/NDF : 225413.9/26

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.437+/-0.000 χ^2/NDF : 392812415429.0/16

Left Out: -3.563+/-0.000 χ^2/NDF : 25541431993.3/8

-4.050+/-0.000 χ^2/NDF : 1094461296627.9/25

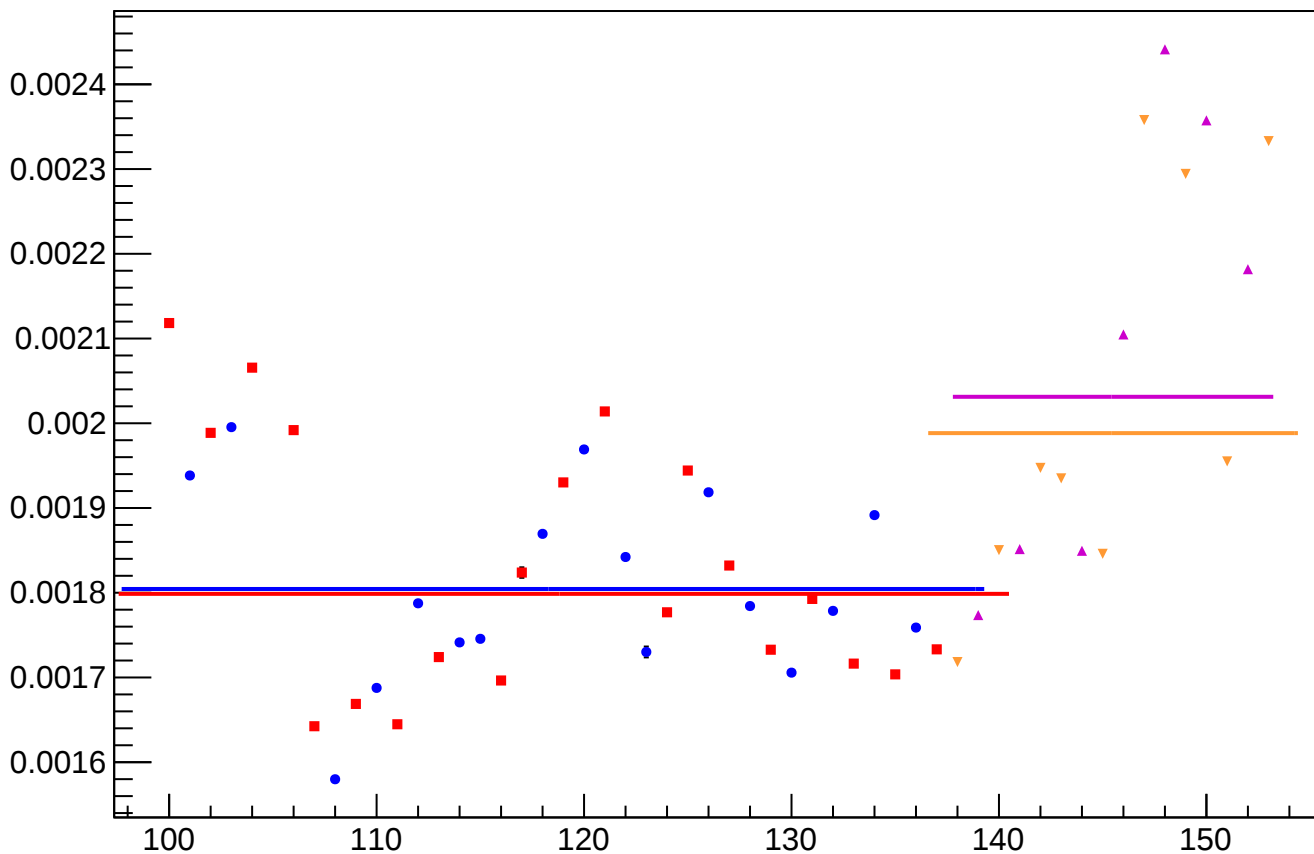
Right Out: -4.438+/-0.000 χ^2/NDF : 326800745779.7/19

-4.083+/-0.000 χ^2/NDF : 2039759187121.0/16

-4.118+/-0.000 χ^2/NDF : 937015857238.0/26

Left In: -3.602+/-0.000 χ^2/NDF : 38717844008.6/6

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 :152245.0/8

Right Out: 0.002+/-0.000 χ^2/NDF : 81037.5/19

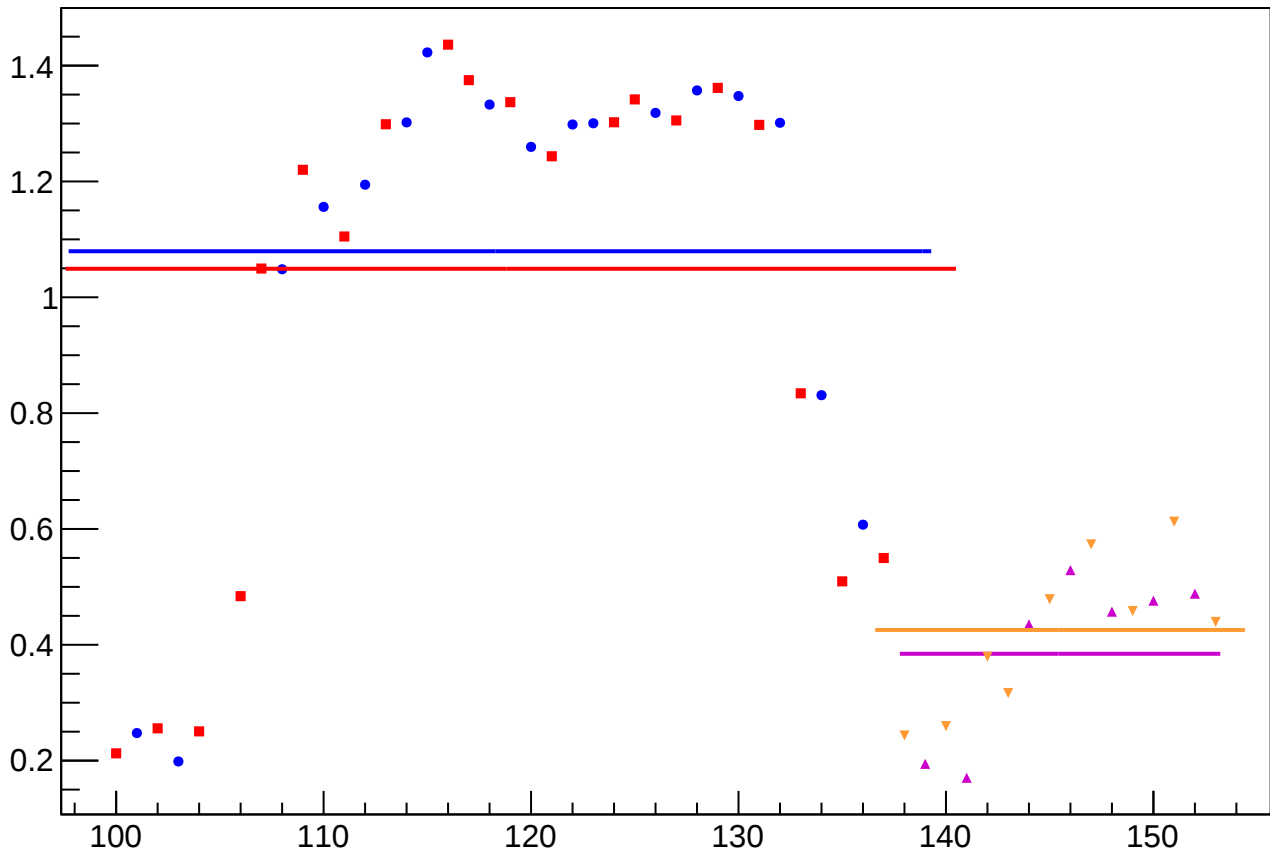
Left In: 0.002+/-0.000 χ^2/NDF :146280.9/6

0.002+/-0.000 χ^2/NDF : 261248.7/25

0.002+/-0.000 χ^2/NDF : 577061.9/52

0.002+/-0.000 χ^2/NDF : 315802.0/26

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.080+/-0.000 χ^2/NDF : 17533321220.5/16

Left Out: 0.426+/-0.000 χ^2/NDF : 1121562554.3/8

Right Out: 1.049+/-0.000 χ^2/NDF : 19787986428.4/19

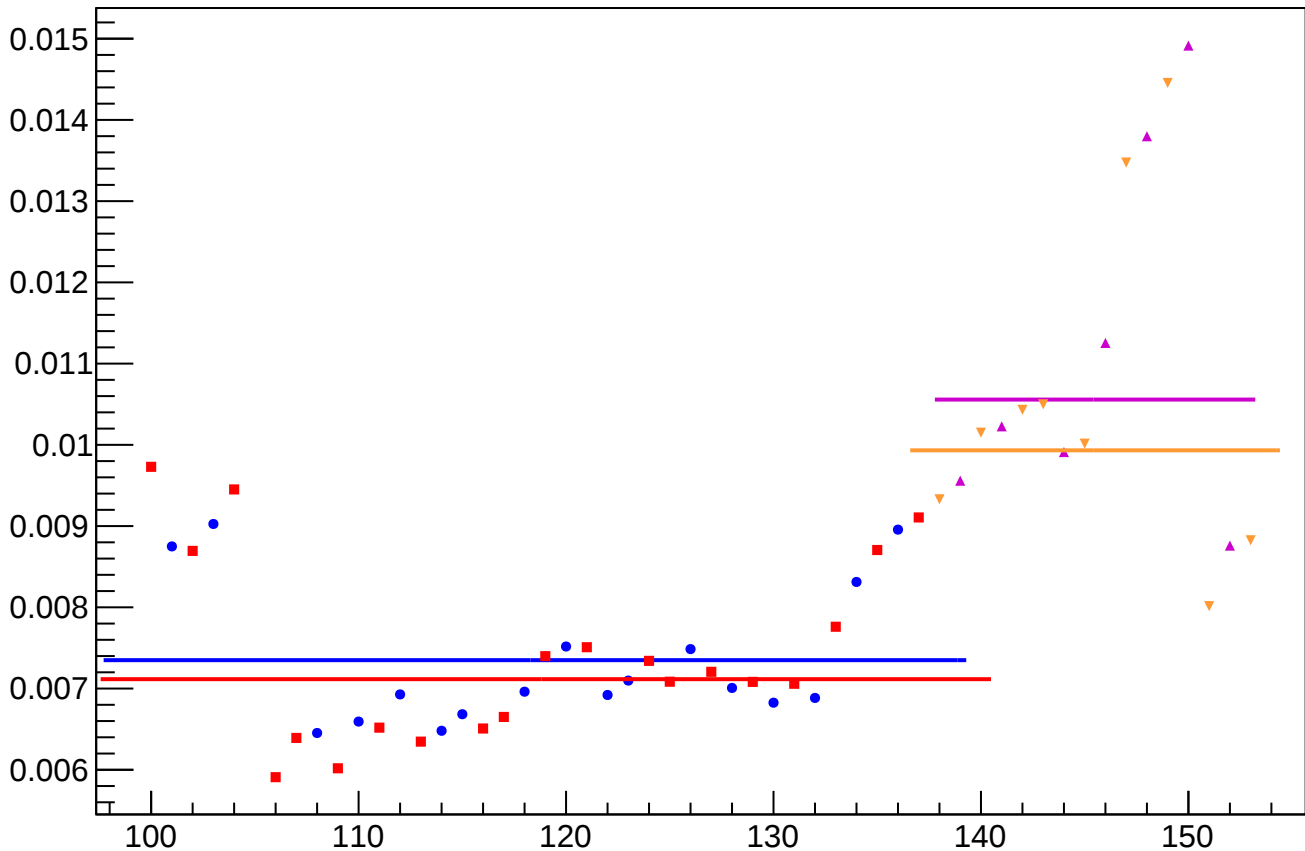
Left In: 0.384+/-0.000 χ^2/NDF : 962179605.2/6

0.854+/-0.000 χ^2/NDF : 36655885346.3/25

0.865+/-0.000 χ^2/NDF : 73513789448.0/5

0.875+/-0.000 χ^2/NDF : 36818677213.2/26

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 180818.7/16

Left Out: 0.010 $\pm$ 0.000 χ^2/NDF : 392706.6/8

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 259539.3/19

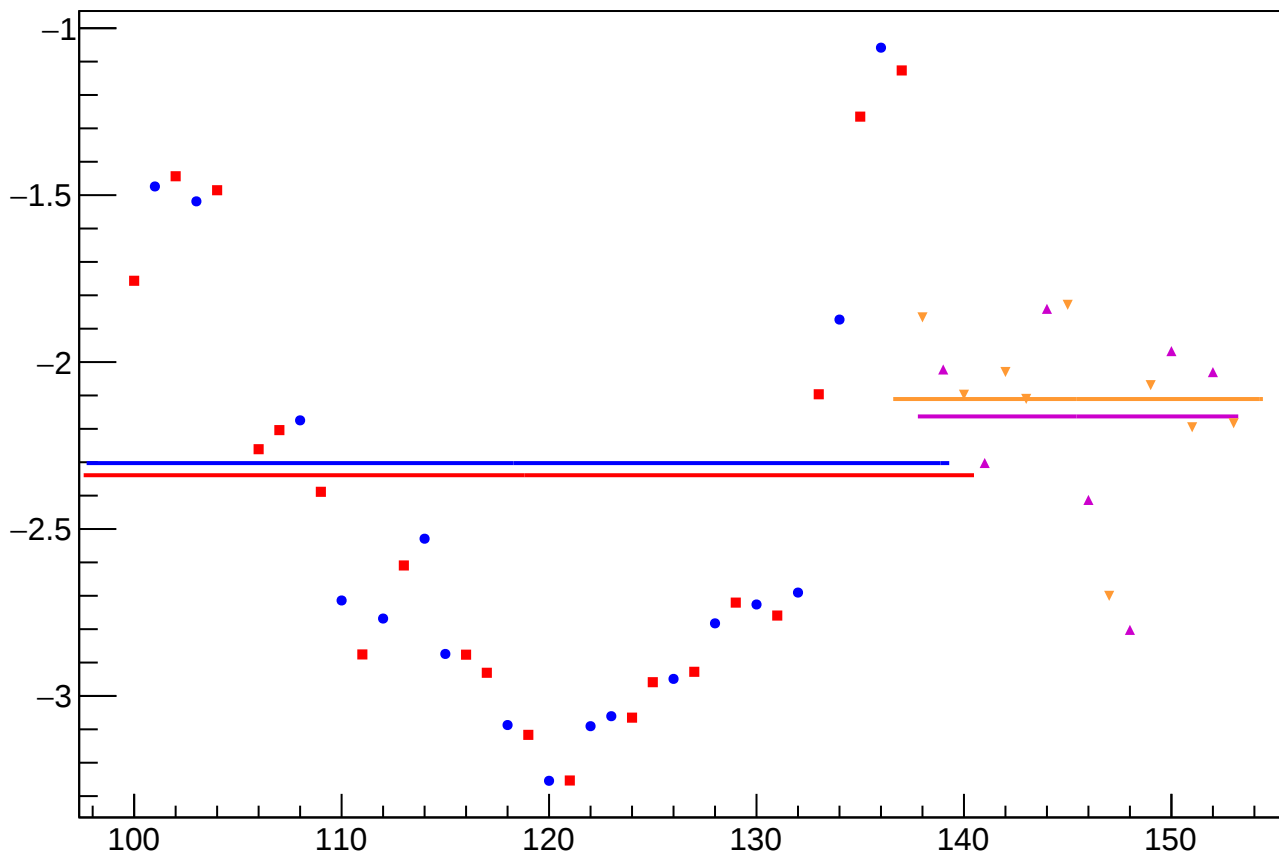
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 334568.3/6

0.008 $\pm$ 0.000 χ^2/NDF : 1135430.6/25

0.008 $\pm$ 0.000 χ^2/NDF : 2600203.8/52

0.008 $\pm$ 0.000 χ^2/NDF : 1455677.1/26

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.303+/-0.000 χ^2/NDF : 73755914805.8/16

Left Out: -2.111+/-0.000 χ^2/NDF : 3844052738.9/8

Right Out: -2.339+/-0.000 χ^2/NDF : 64804828308.5/19

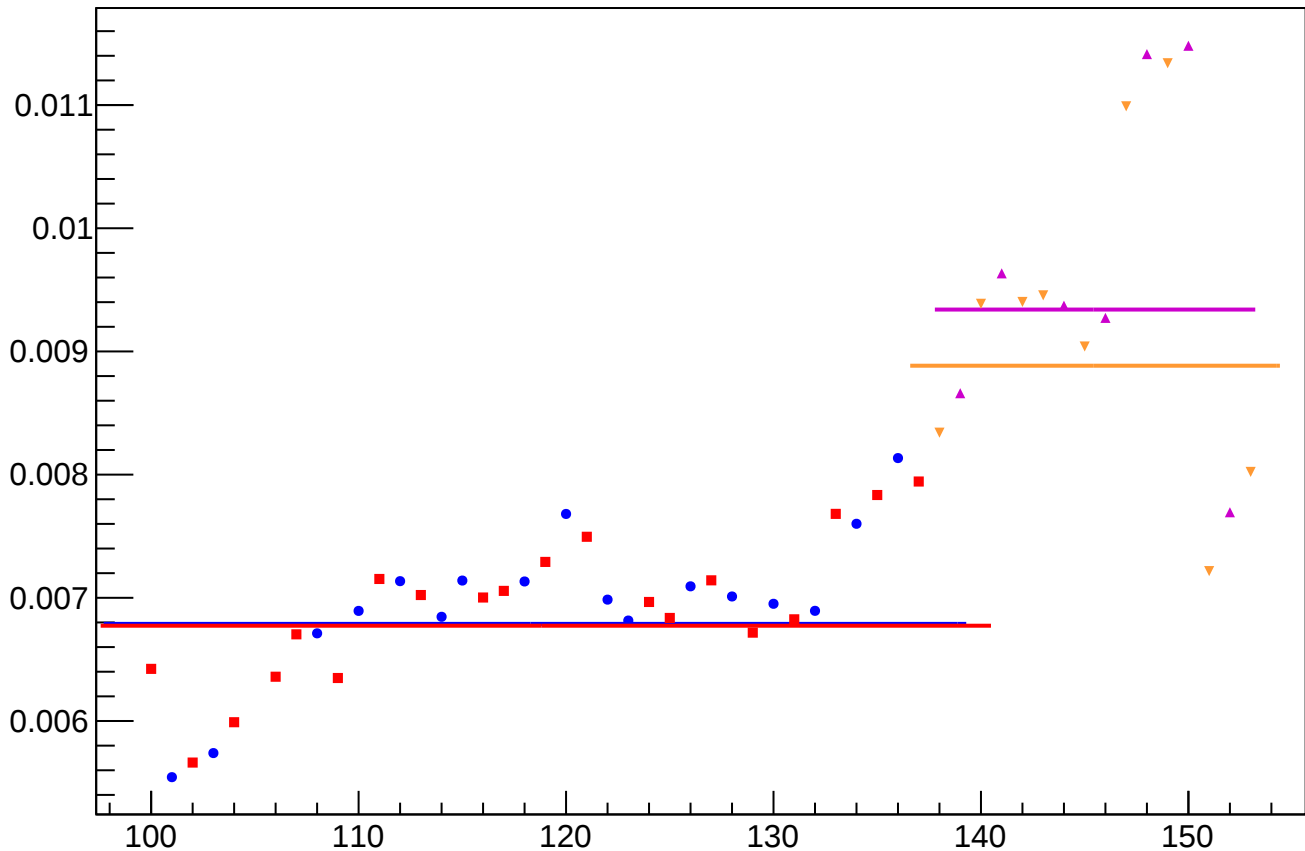
Left In: -2.163+/-0.000 χ^2/NDF : 4968928363.5/6

-2.233+/-0.000 χ^2/NDF : 79515910436.5/25

-2.260+/-0.000 χ^2/NDF : 151018918967.5

-2.287+/-0.000 χ^2/NDF : 71177671720.1/26

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 165199.2/16

Left Out: 0.009+/-0.000 χ^2/NDF : 254025.0/8

Right Out: 0.007+/-0.000 χ^2/NDF : 123383.6/19

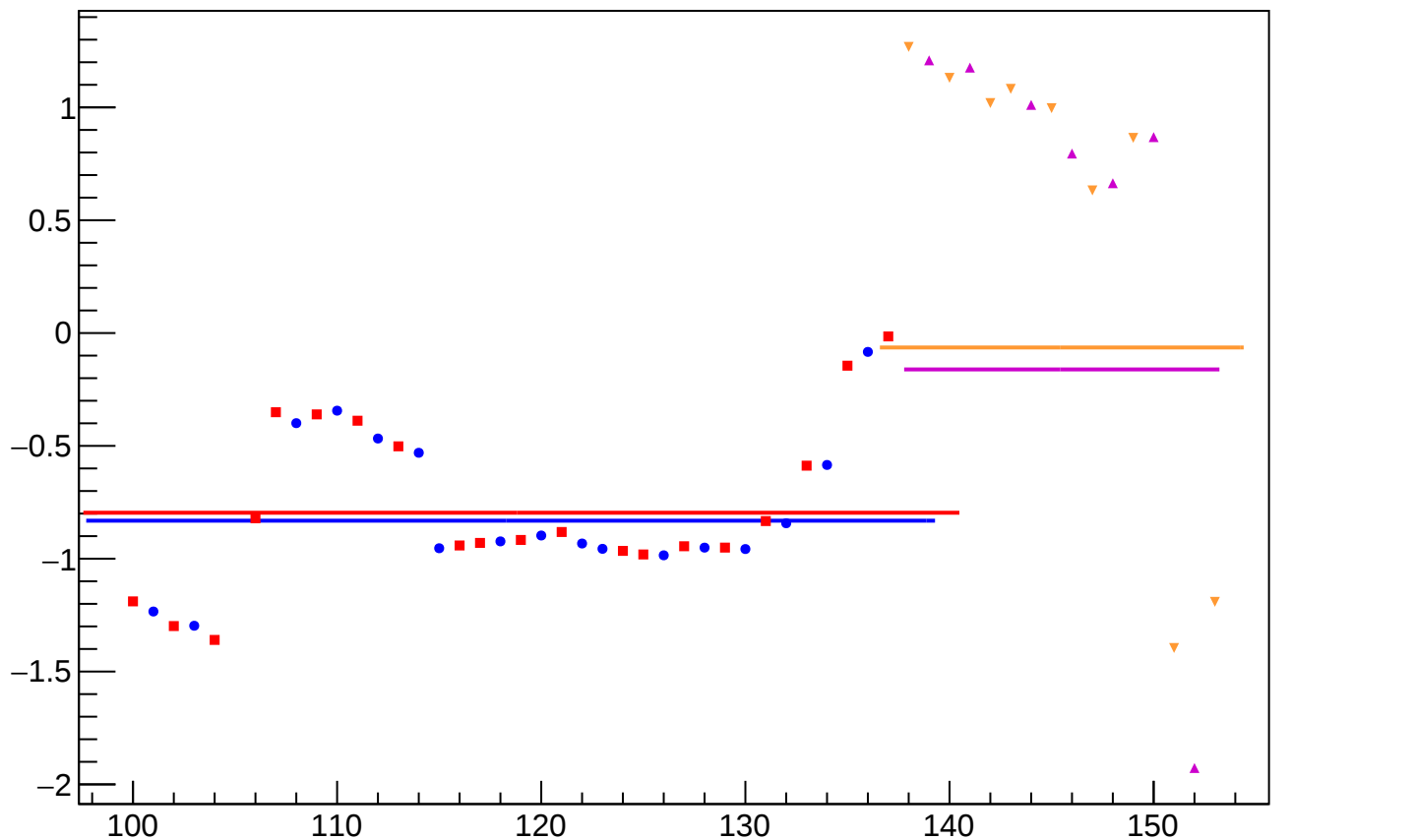
Left In: 0.009+/-0.000 χ^2/NDF : 198624.4/6

0.008+/-0.000 χ^2/NDF : 876282.1/25

0.008+/-0.000 χ^2/NDF : 1794721.2/52

0.008+/-0.000 χ^2/NDF : 918340.2/26

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831 $\pm$ 0.000 χ^2/NDF : 6692170860.9/16

Left Out: -0.064 $\pm$ 0.000 χ^2/NDF : 76650012583.8/8

Right Out: -0.796 $\pm$ 0.000 χ^2/NDF : 7827622544.3/19

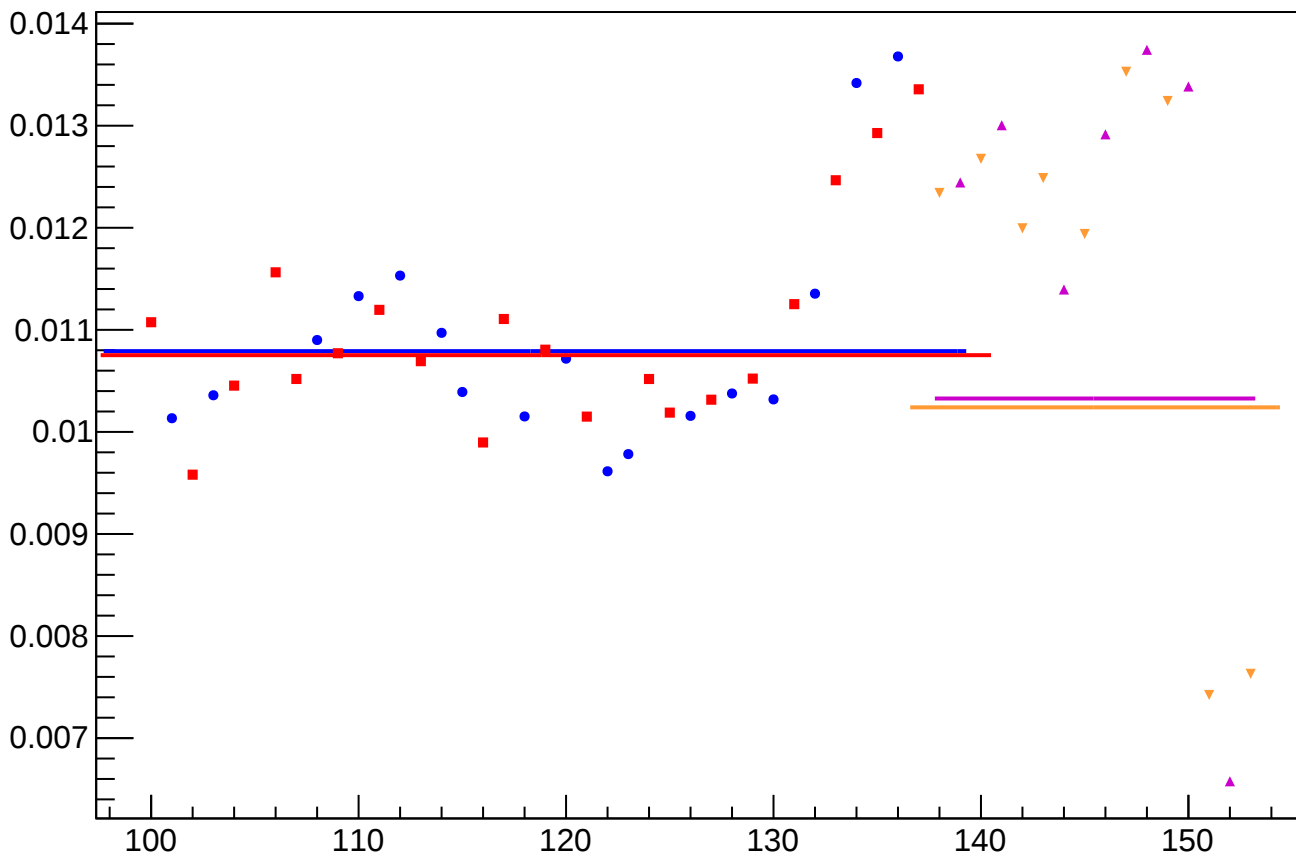
Left In: -0.161 $\pm$ 0.000 χ^2/NDF : 96098601708.7/6

-0.445 $\pm$ 0.000 χ^2/NDF : 100088766250.2/25

-0.479 $\pm$ 0.000 χ^2/NDF : 215019988892.9

-0.514 $\pm$ 0.000 χ^2/NDF : 114662558581.5/26

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 125802.4/16

Left Out: 0.010+/-0.000 χ^2/NDF : 753614.1/8

Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

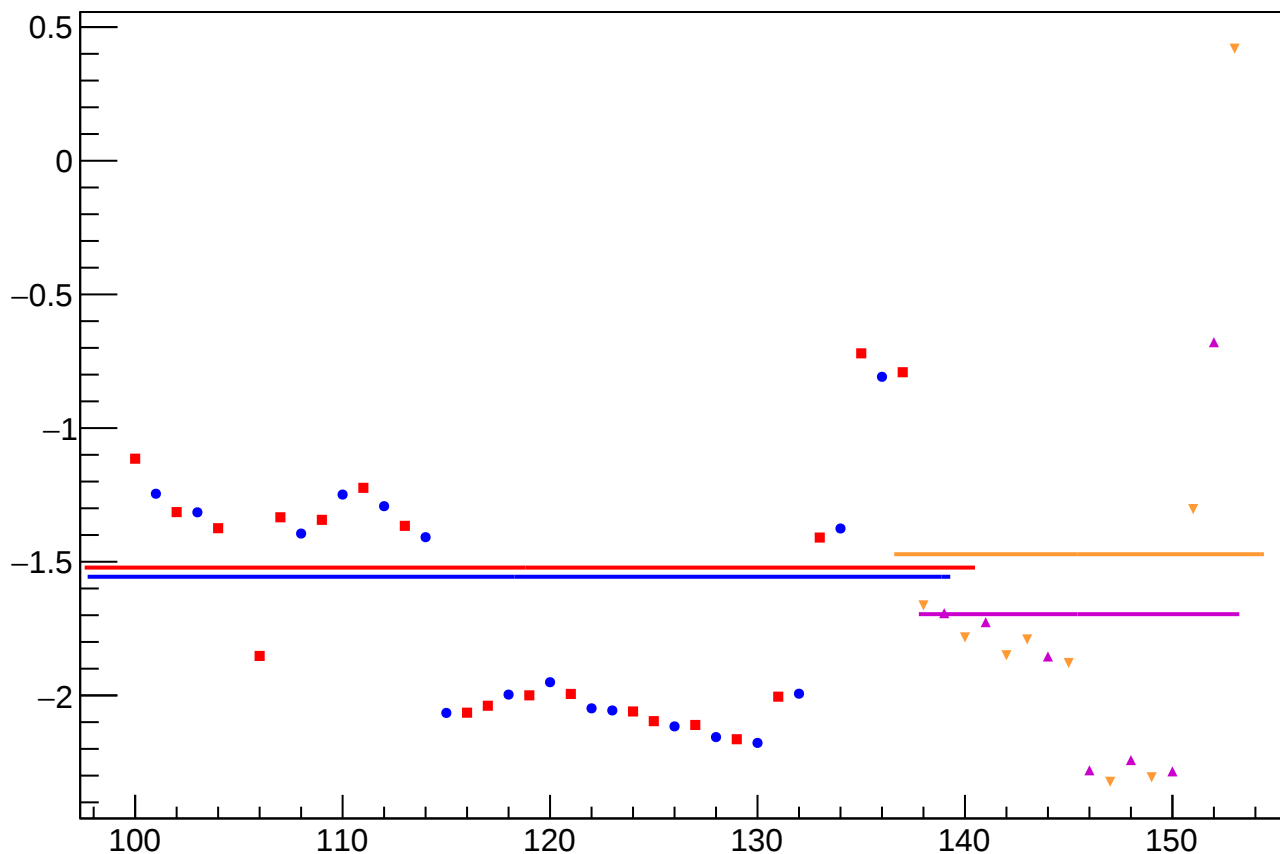
Left In: 0.010+/-0.000 χ^2/NDF : 894569.2/6

0.011+/-0.000 χ^2/NDF : 896671.9/25

0.011+/-0.000 χ^2/NDF : 1891416.8/52

0.011+/-0.000 χ^2/NDF : 994472.1/26

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.556+/-0.000 χ^2/NDF : 154972763568.8/16

Left Out: -1.472+/-0.000 χ^2/NDF : 390145067874.5/8

Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

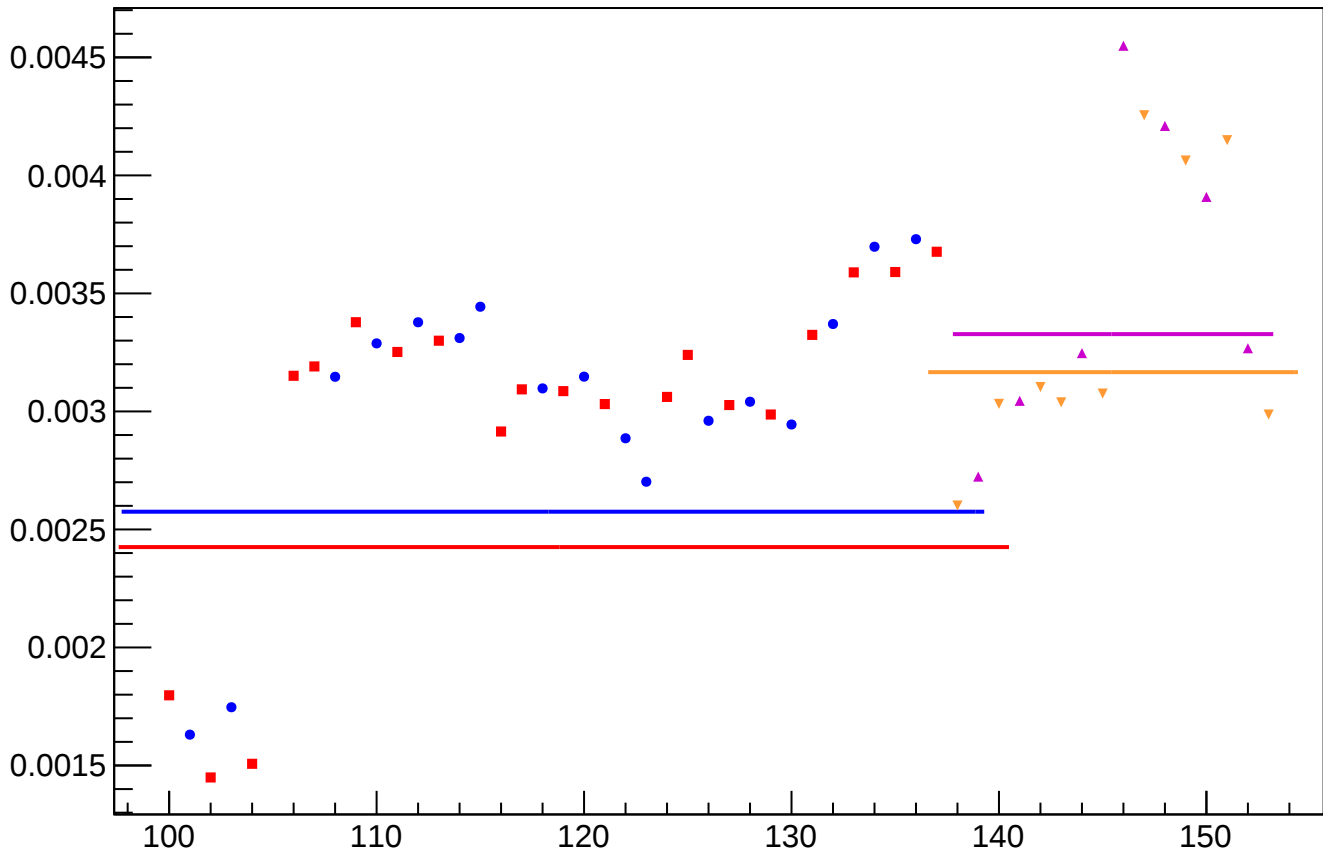
Left In: -1.696+/-0.000 χ^2/NDF : 112409212046.1/6

-1.523+/-0.000 χ^2/NDF : 547488183789.4/25

-1.549+/-0.000 χ^2/NDF : 810150565423.9

-1.575+/-0.000 χ^2/NDF : 260782595442.9/26

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2/NDF : 1013833.9/16

Left Out: 0.003 $\pm$ 0.000 χ^2/NDF : 280625.8/8

Right Out: 0.002 $\pm$ 0.000 χ^2/NDF : 1493210.7/19

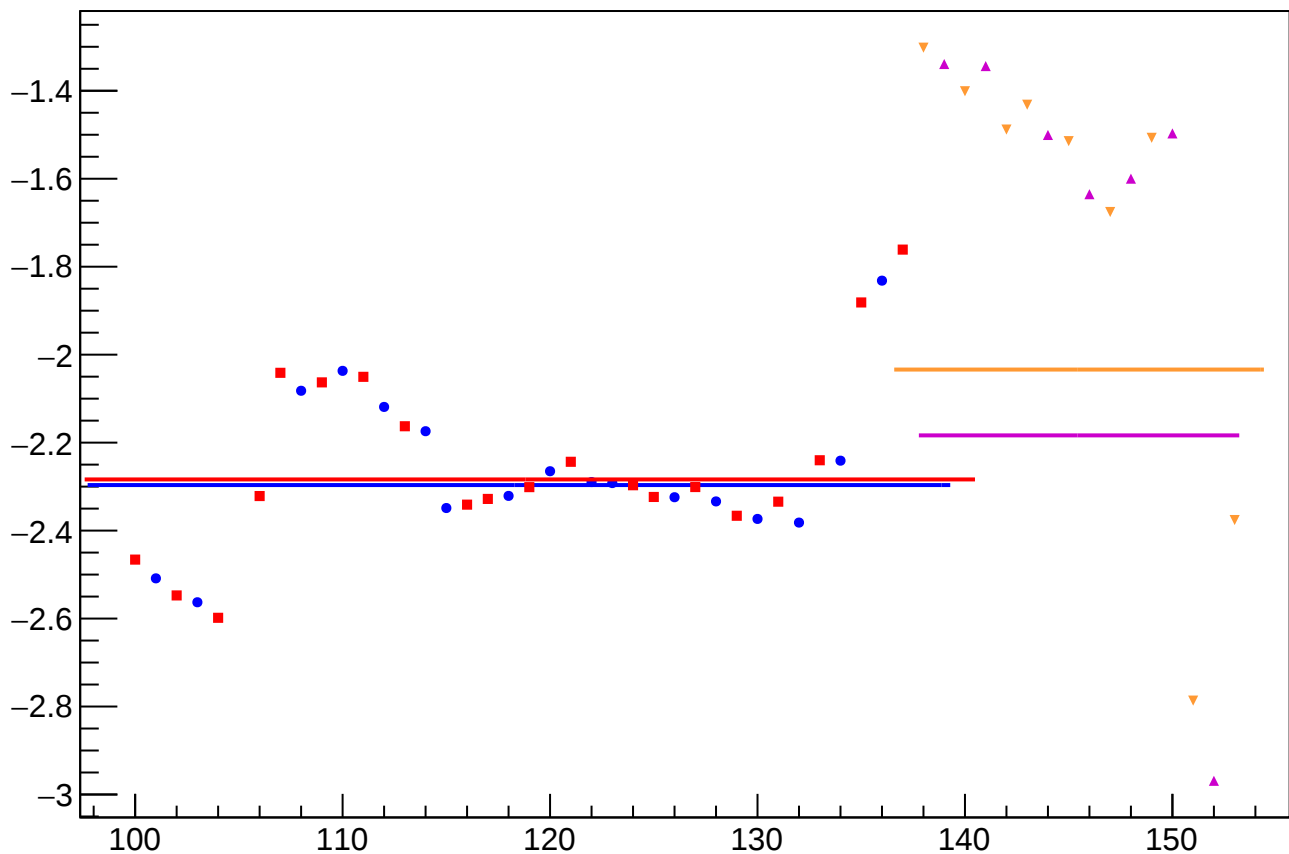
Left In: 0.003 $\pm$ 0.000 χ^2/NDF : 237824.5/6

0.003 $\pm$ 0.000 χ^2/NDF : 1527724.5/25

0.003 $\pm$ 0.000 χ^2/NDF : 3756244.3/52

0.003 $\pm$ 0.000 χ^2/NDF : 2212947.4/26

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.296+/-0.000 χ^2/NDF : 5782980938.4/16

Left Out: -2.034+/-0.000 χ^2/NDF : 43322262813.4/8

Right Out: -2.284+/-0.000 χ^2/NDF : 6550363990.6/19

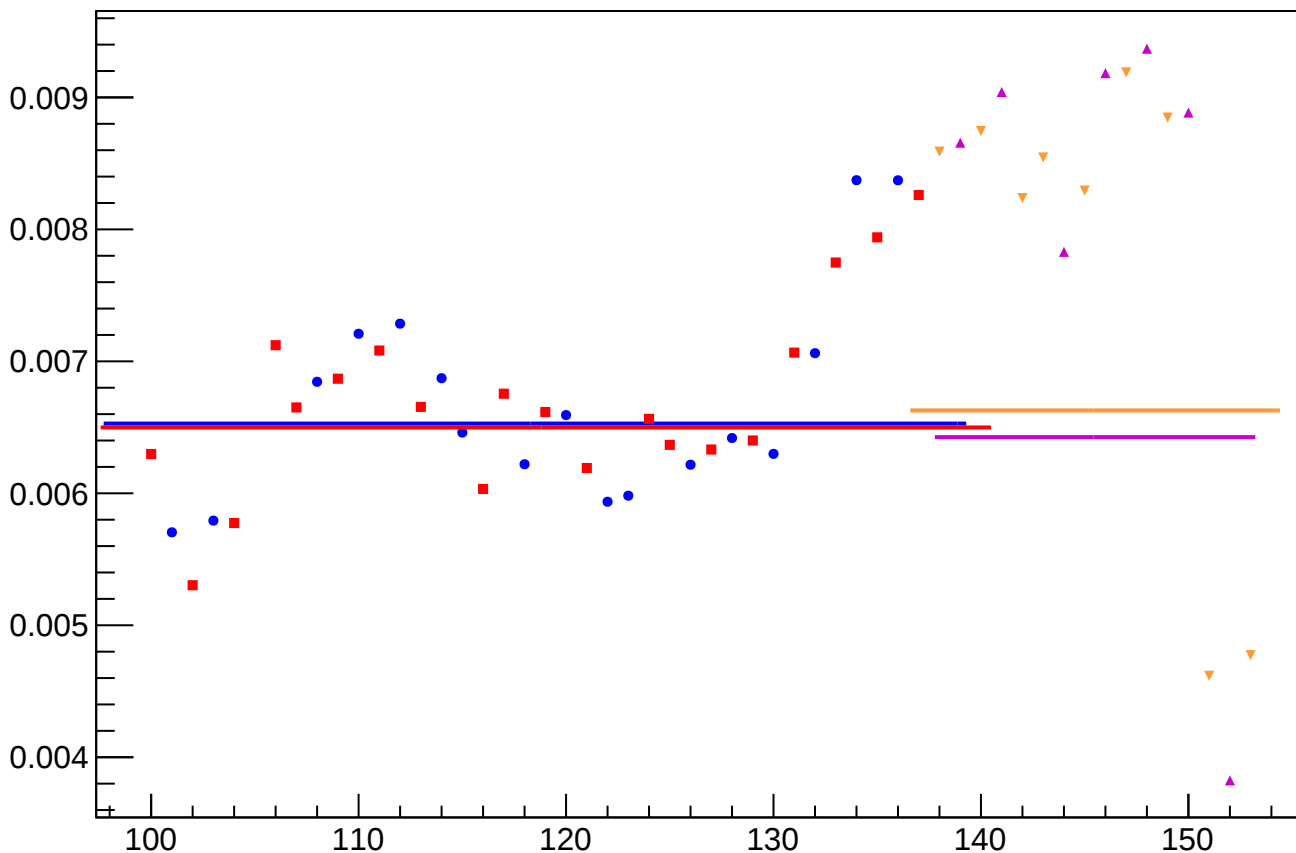
Left In: -2.184+/-0.000 χ^2/NDF : 63530751943.6/6

-2.175+/-0.000 χ^2/NDF : 53942348809.3/25

-2.208+/-0.000 χ^2/NDF : 125323146307.4

-2.242+/-0.000 χ^2/NDF : 70751682825.2/26

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 176467.7/16

Left Out: 0.007+/-0.000 χ^2/NDF :1027148.6/8

Right Out: 0.006+/-0.000 χ^2/NDF : 164253.8/19

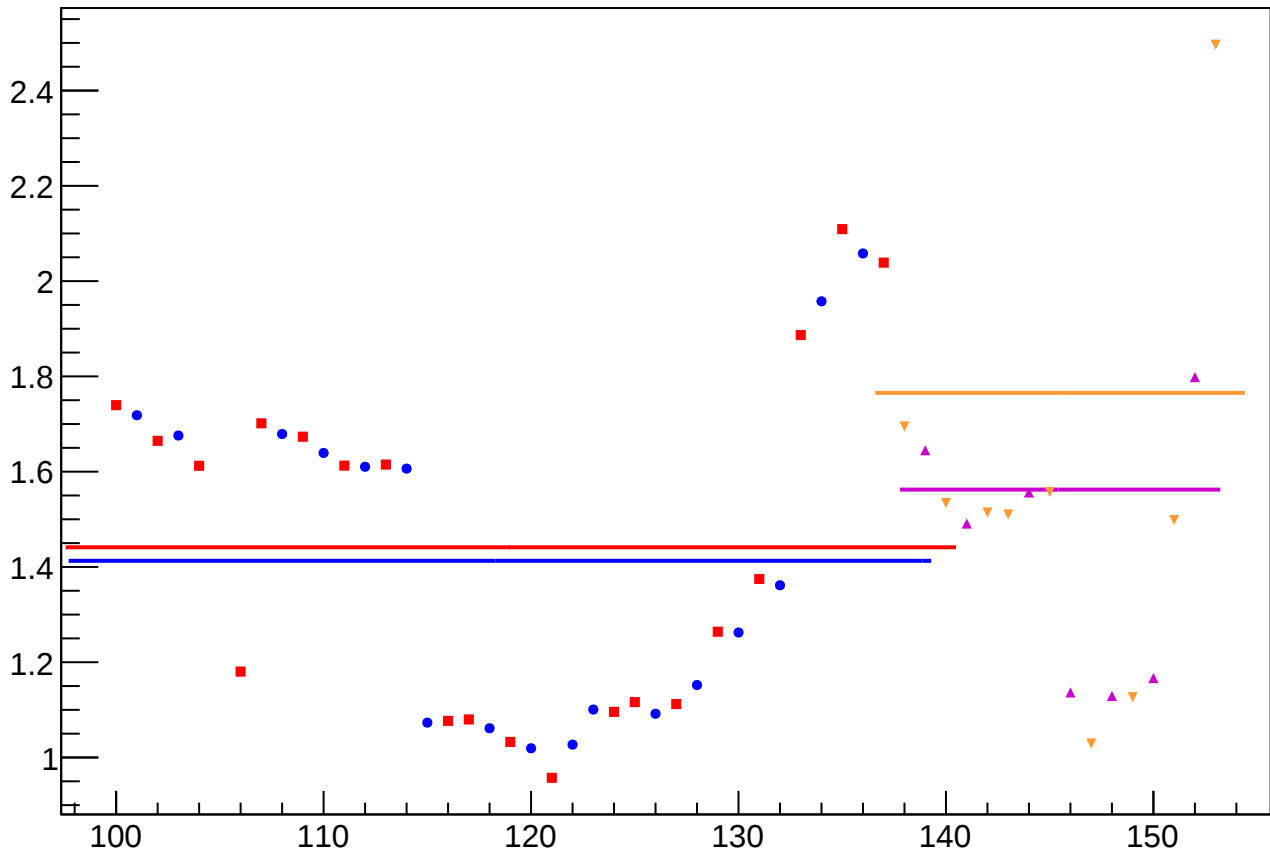
Left In: 0.006+/-0.000 χ^2/NDF :1413728.5/6

0.007+/-0.000 χ^2/NDF : 1205007.4/25

0.007+/-0.000 χ^2/NDF : 2786839.4/52

0.006+/-0.000 χ^2/NDF : 1578700.8/26

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Left Out: 1.765+/-0.000 χ^2/NDF : 57798584037.8/8

1.465+/-0.000 χ^2/NDF : 258474762501.3/25

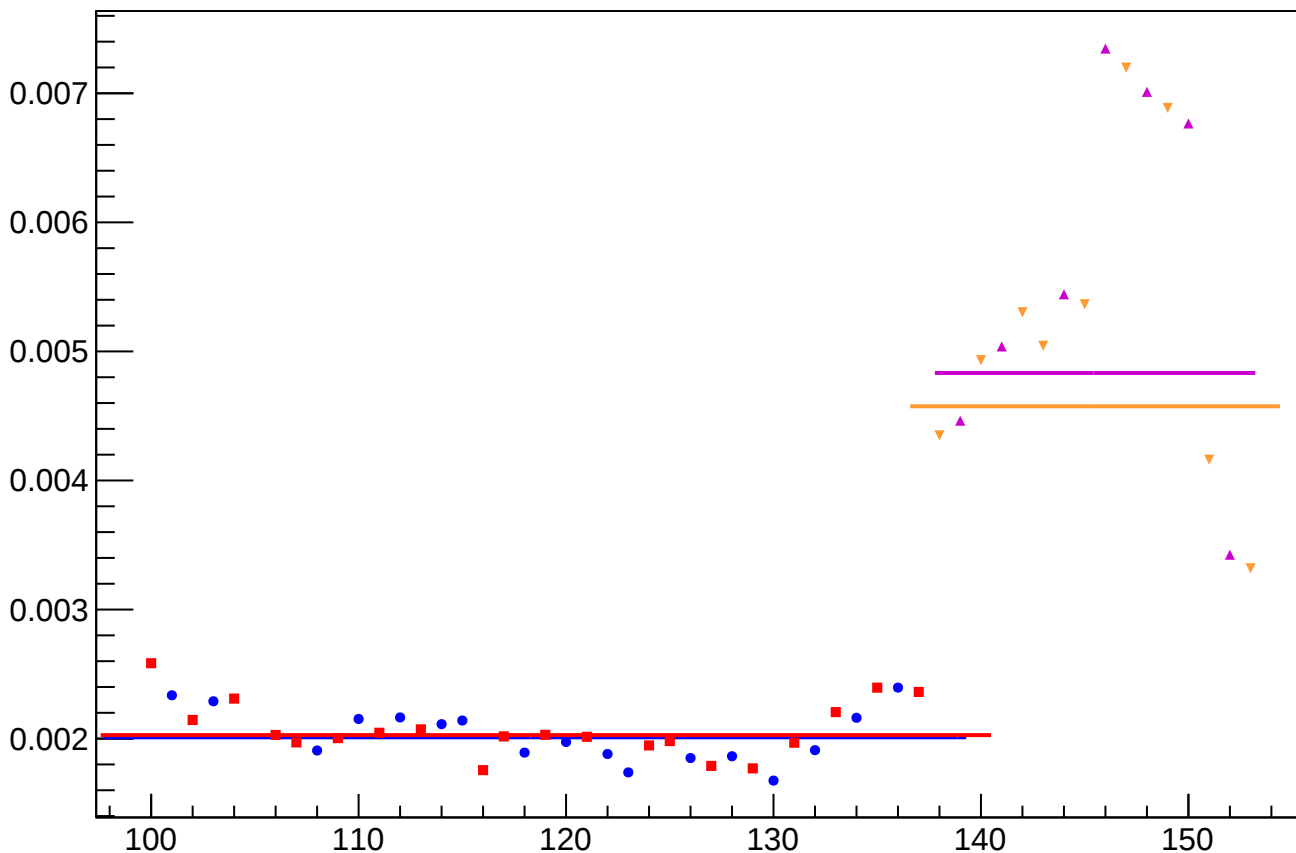
Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

1.460+/-0.000 χ^2/NDF : 446566111268.4/19

1.455+/-0.000 χ^2/NDF : 187998435087.5/26

Left In: 1.562+/-0.000 χ^2/NDF : 11036070528.7/6

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 152530.4/16

Left Out: 0.005+/-0.000 χ^2/NDF : 606058.1/8

Right Out: 0.002+/-0.000 χ^2/NDF : 103927.8/19

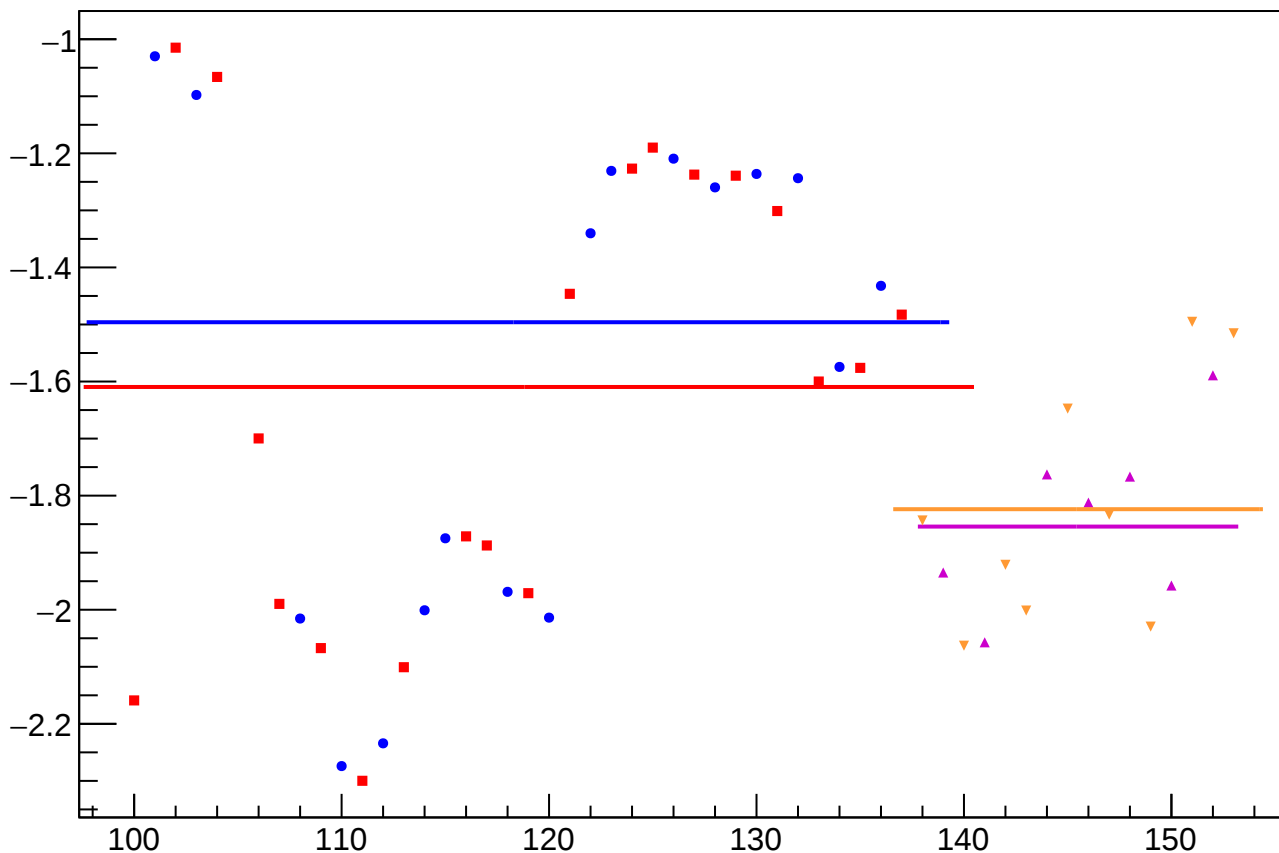
Left In: 0.005+/-0.000 χ^2/NDF : 676064.6/6

0.002+/-0.000 χ^2/NDF : 3733351.7/25

0.002+/-0.000 χ^2/NDF : 7326847.5/52

0.002+/-0.000 χ^2/NDF : 3589500.8/26

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22525130000.3/16

Left Out: -1.824+/-0.000 χ^2/NDF : 7552079590.6/8

Right Out: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

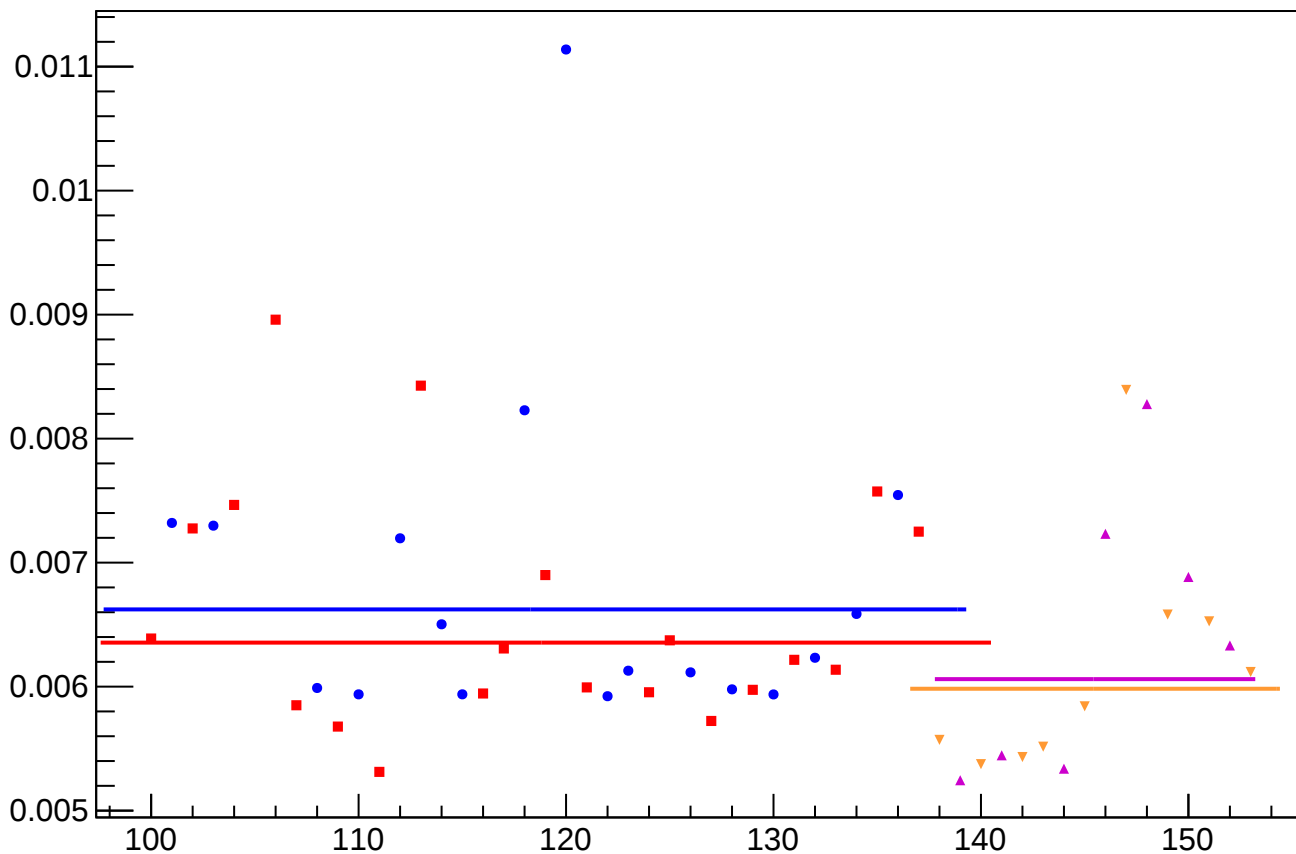
Left In: -1.854+/-0.000 χ^2/NDF : 3198462527.4/6

-1.677+/-0.000 χ^2/NDF : 38311559012.4/25

-1.700+/-0.000 χ^2/NDF : 74290630617.0/5

-1.723+/-0.000 χ^2/NDF : 35660162656.8/26

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 :184677.0/8

Right Out: 0.006+/-0.000 χ^2/NDF : 227865.9/19

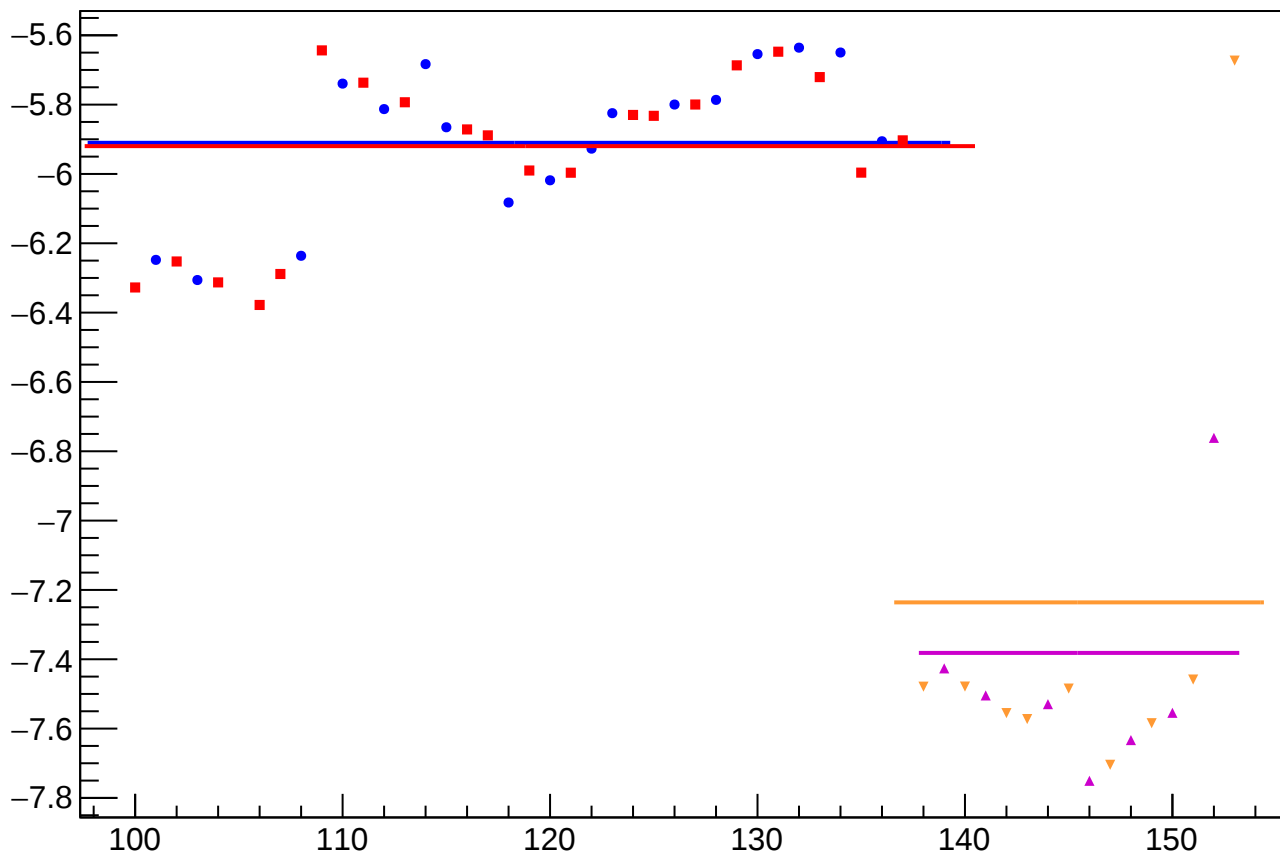
Left In: 0.006+/-0.000 χ^2/NDF :247908.1/6

0.006+/-0.000 χ^2/NDF : 480090.7/25

0.006+/-0.000 χ^2/NDF : 969800.9/52

0.006+/-0.000 χ^2/NDF : 488926.7/26

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.910+/-0.000 χ^2/NDF : 11154434512.7/16

Left Out: -7.236+/-0.000 χ^2/NDF : 38255060169.9/8

Right Out: -5.920+/-0.000 χ^2/NDF : 12786449843.6/19

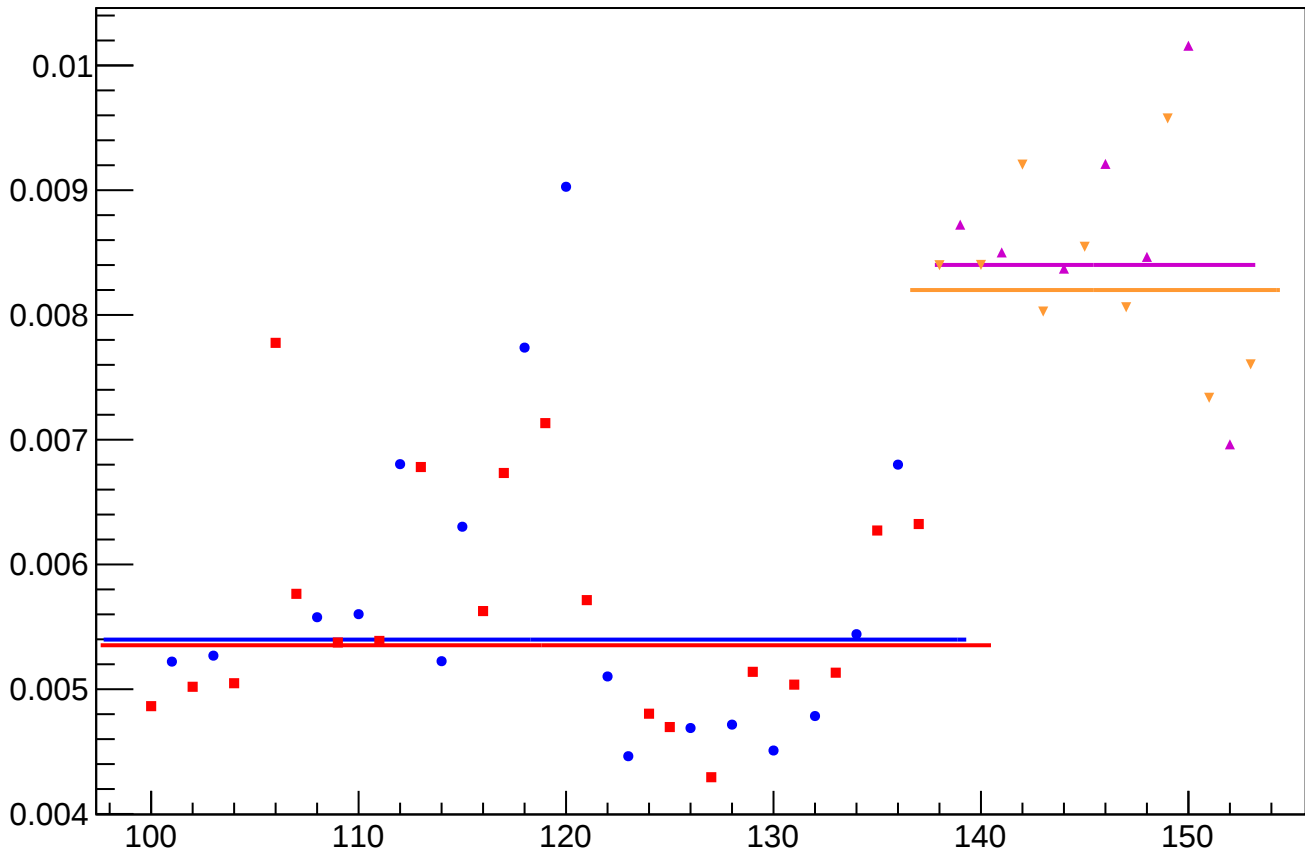
Left In: -7.382+/-0.000 χ^2/NDF : 8118401869.9/6

-6.288+/-0.000 χ^2/NDF : 150912947214.9/25

-6.273+/-0.000 χ^2/NDF : 282962783034.2

-6.259+/-0.000 χ^2/NDF : 131934947014.0/26

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 : 67865.6/8

Right Out: 0.005+/-0.000 χ^2/NDF : 252664.1/19

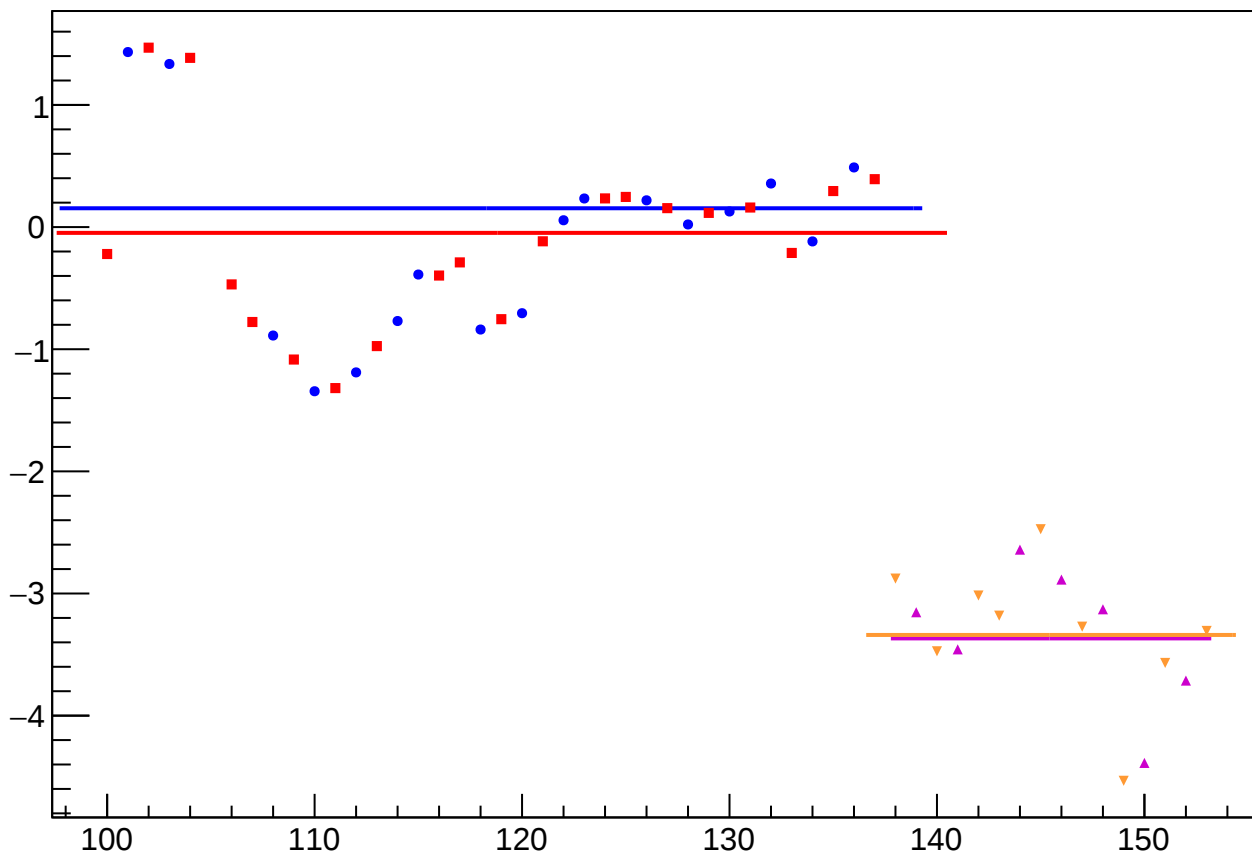
Left In: 0.008+/-0.000 χ^2/NDF : 118512.7/6

0.006+/-0.000 χ^2/NDF : 1346035.2/25

0.006+/-0.000 χ^2/NDF : 2688090.0/52

0.006+/-0.000 χ^2/NDF : 1336819.4/26

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.154+/-0.000 χ^2/NDF : 16988256953.8/16

Left Out: -3.339+/-0.000 χ^2/NDF : 6542900374.5/8

-1.288+/-0.000 χ^2/NDF : 178009916956.3/25

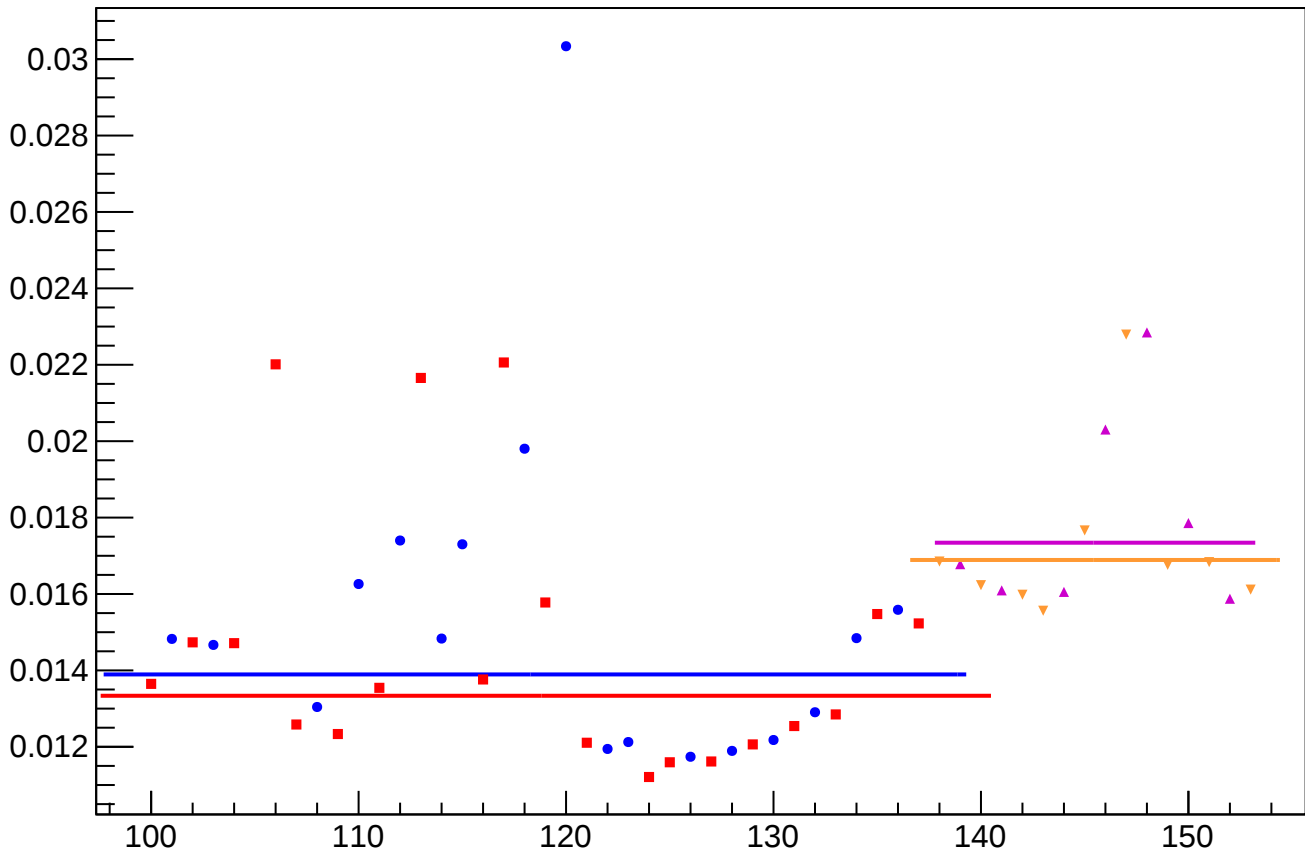
Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

-1.203+/-0.000 χ^2/NDF : 335375717197.4

-1.121+/-0.000 χ^2/NDF : 156629488484.9/26

Left In: -3.368+/-0.000 χ^2/NDF : 5283730473.1/6

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 400569.4/16

Left Out: 0.017 $\pm$ 0.000 χ^2 /NDF:115528.5/8

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 303459.9/19

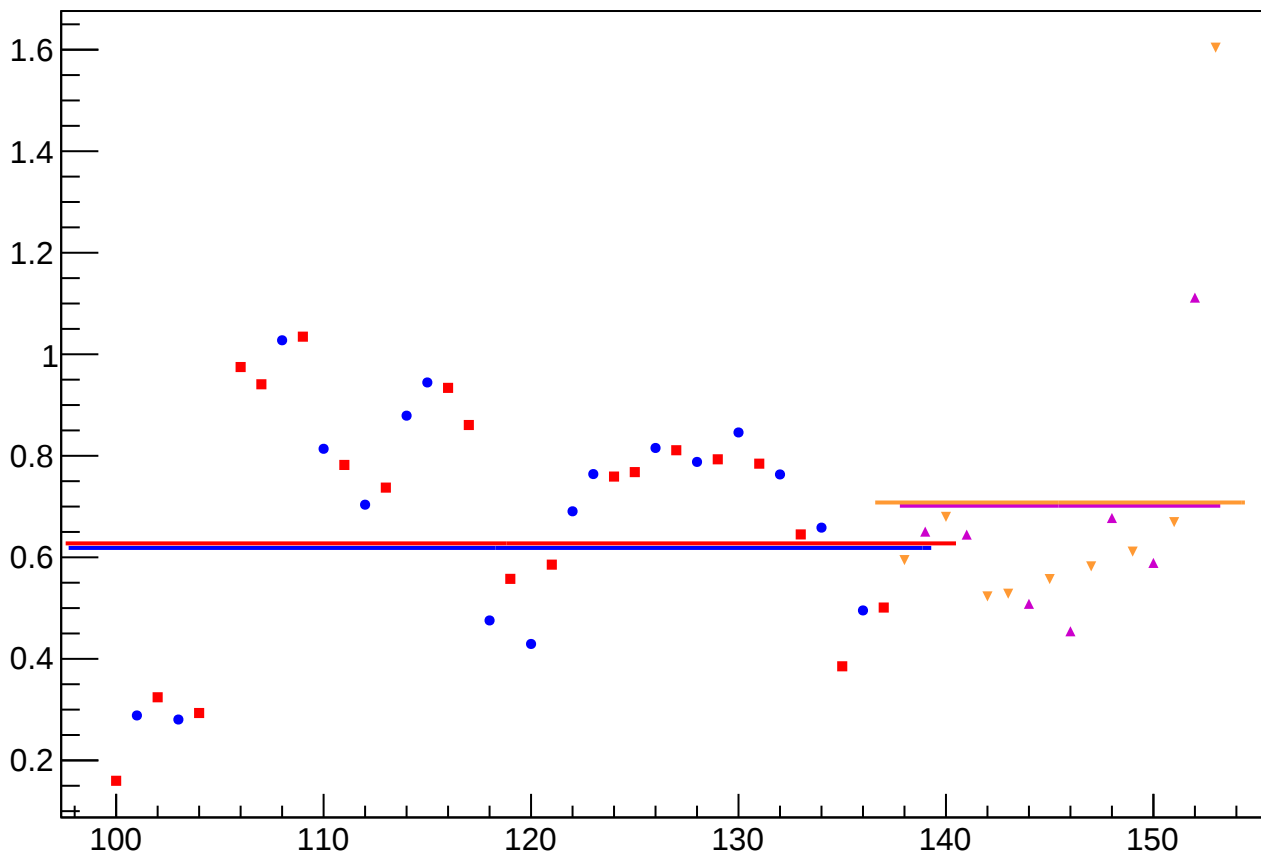
Left In: 0.017 $\pm$ 0.000 χ^2 /NDF:150761.5/6

0.015 $\pm$ 0.000 χ^2 /NDF: 743341.3/25

0.015 $\pm$ 0.000 χ^2 /NDF: 1589737.2/52

0.015 $\pm$ 0.000 χ^2 /NDF: 833163.8/26

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.619 $\pm$ 0.000 χ^2 /NDF: 5416939288.1/16

Left Out: 0.708 $\pm$ 0.000 χ^2 /NDF:10306673004.4/8

Right Out: 0.627 $\pm$ 0.000 χ^2 /NDF: 6345684740.0/19

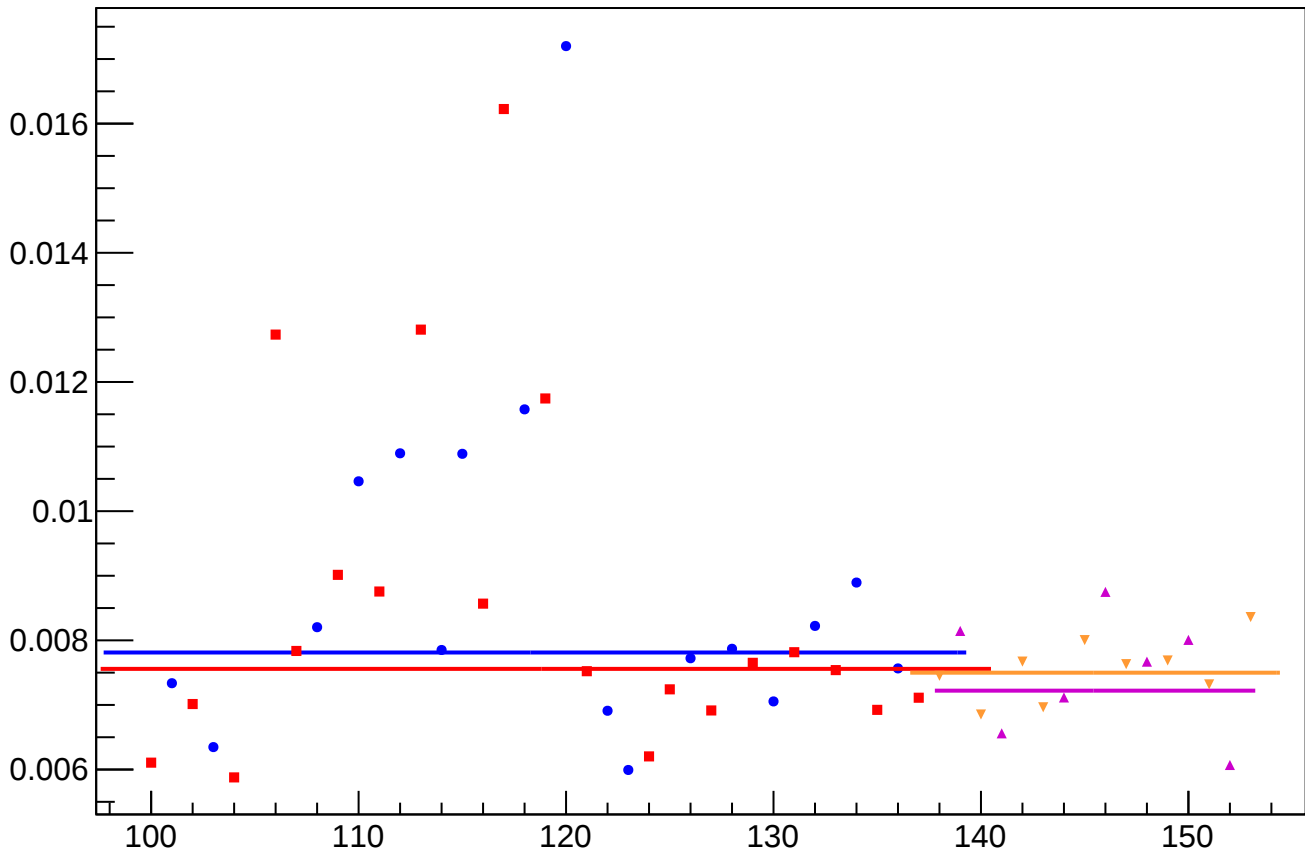
Left In: 0.702 $\pm$ 0.000 χ^2 /NDF:4861876226.0/6

0.666 $\pm$ 0.000 χ^2 /NDF: 16124695927.9/25

0.664 $\pm$ 0.000 χ^2 /NDF: 27617691217.1/5

0.663 $\pm$ 0.000 χ^2 /NDF: 11492183162.7/26

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 :44633.8/8

Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

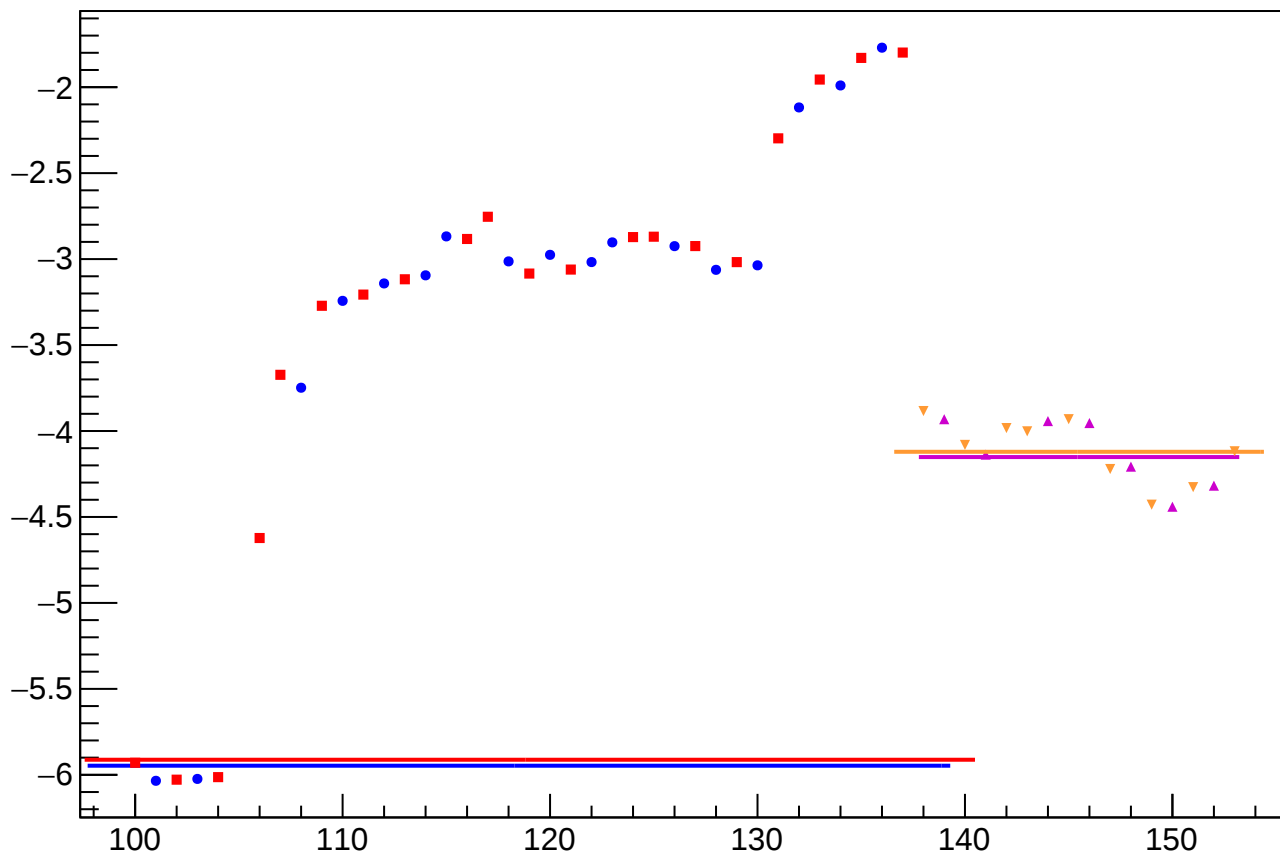
Left In: 0.007+/-0.000 χ^2/NDF :149864.0/6

0.008+/-0.000 χ^2/NDF : 521246.1/25

0.008+/-0.000 χ^2/NDF : 1158788.7/52

0.007+/-0.000 χ^2/NDF : 624852.5/26

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.947+/-0.000 χ^2/NDF : 13165963559.5/16

Left Out: -4.121+/-0.000 χ^2/NDF : 29121998.2/8

Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

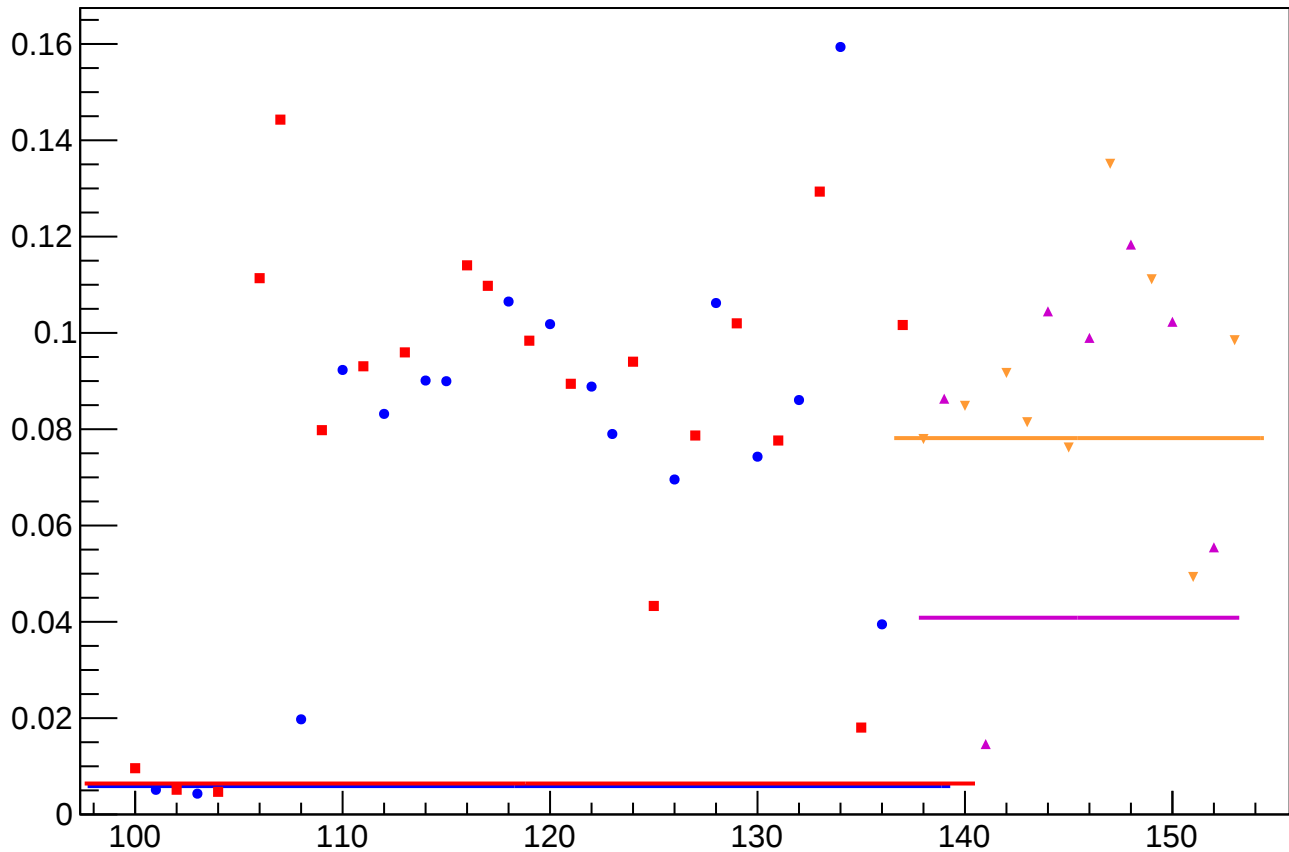
Left In: -4.152+/-0.000 χ^2/NDF : 20926777.2/6

-5.914+/-0.000 χ^2/NDF : 16064484776.2/25

-5.885+/-0.000 χ^2/NDF : 35035116750.0/25

-5.850+/-0.000 χ^2/NDF : 18880981377.1/26

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 : 852409.9/8

Right Out: 0.006+/-0.000 χ^2/NDF : 8558731.2/19

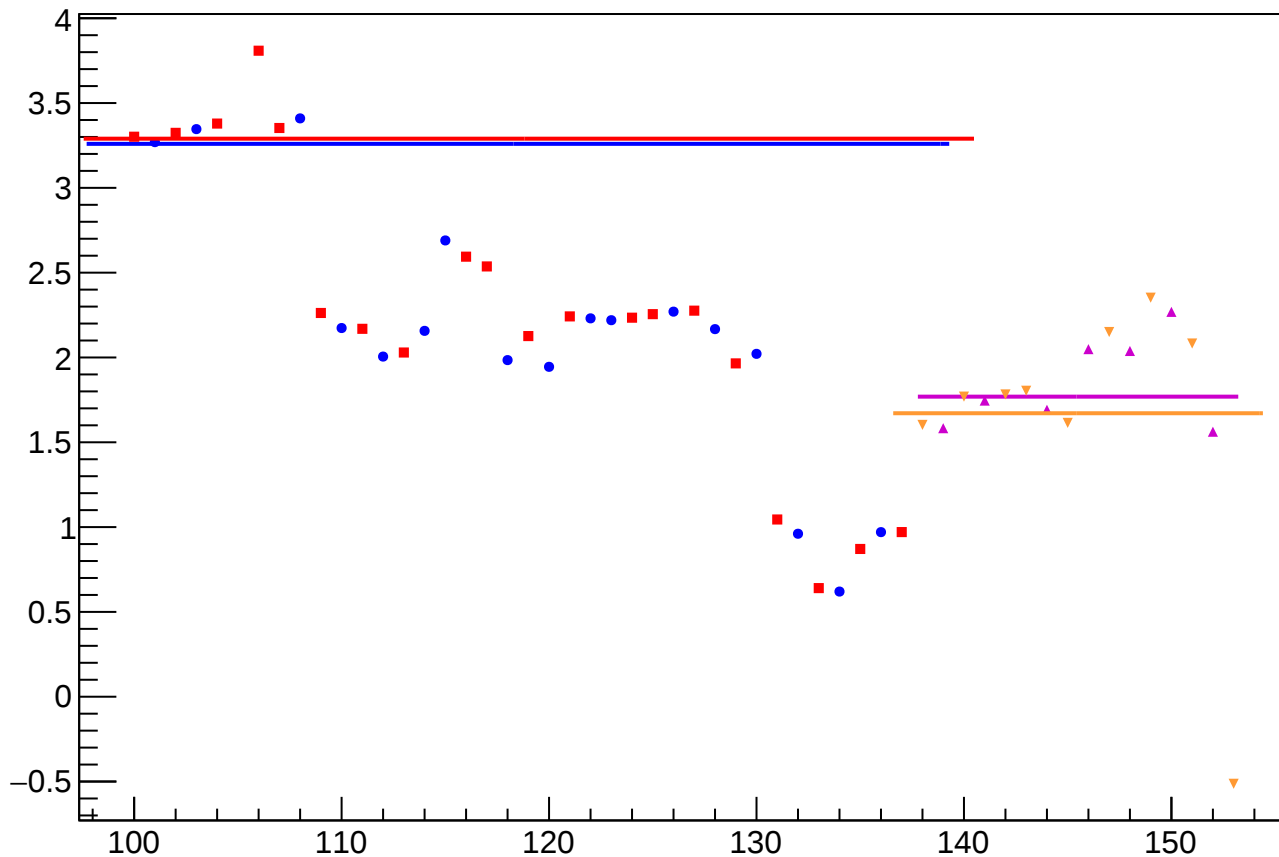
Left In: 0.041+/-0.000 χ^2/NDF : 3751621.9/6

0.007+/-0.000 χ^2/NDF : 17774986.8/25

0.007+/-0.000 χ^2/NDF : 33315369.4/52

0.008+/-0.000 χ^2/NDF : 15531723.1/26

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.259+/-0.000 χ^2/NDF : 2921931976.8/16

Left Out: 1.671+/-0.000 χ^2/NDF : 413143018.1/8

Right Out: 3.290+/-0.000 χ^2/NDF : 3263300926.6/19

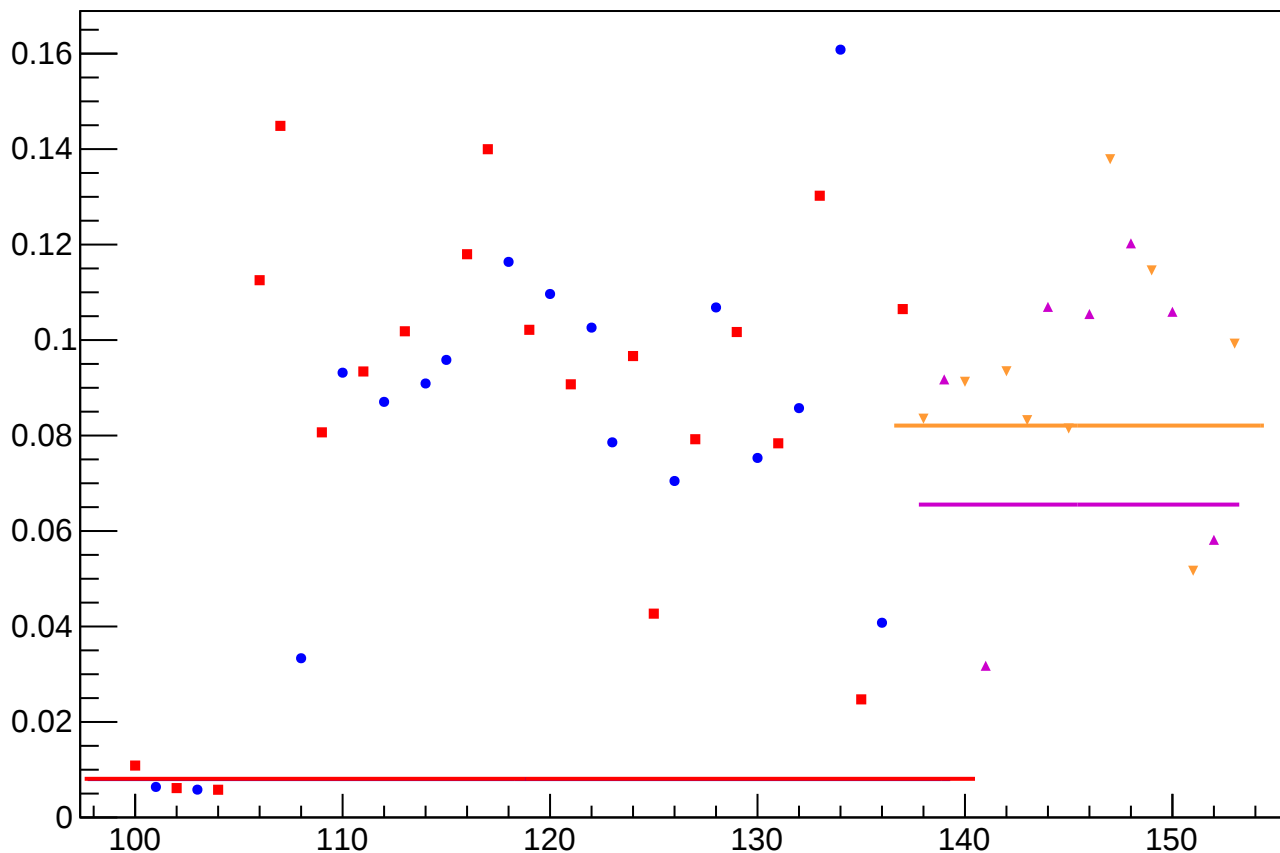
Left In: 1.769+/-0.000 χ^2/NDF : 35214287.1/6

3.217+/-0.000 χ^2/NDF : 5294278674.7/25

3.230+/-0.000 χ^2/NDF : 10431086578.7/5

3.245+/-0.000 χ^2/NDF : 5125713380.5/26

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7742048.1/16

Left Out: 0.082+/-0.000 χ^2/NDF : 798252.9/8

Right Out: 0.008+/-0.000 χ^2/NDF : 8375005.0/19

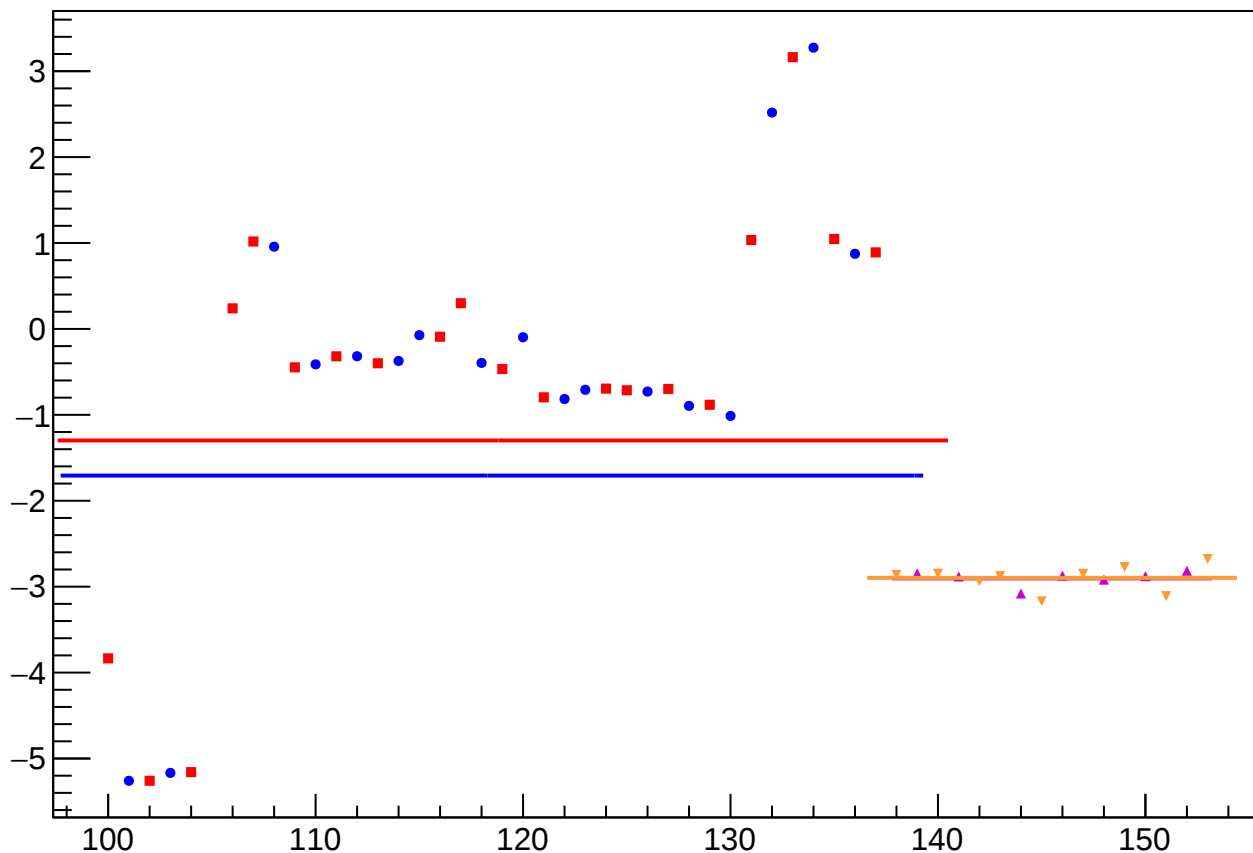
Left In: 0.066+/-0.000 χ^2/NDF : 1765917.7/6

0.010+/-0.000 χ^2/NDF : 17057985.6/25

0.010+/-0.000 χ^2/NDF : 32414037.0/52

0.010+/-0.000 χ^2/NDF : 15354528.9/26

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.707 $\pm$ 0.000 χ^2 /NDF: 166125579390.4/16

Left Out: -2.897 $\pm$ 0.000 χ^2 /NDF: 2349453061.1/8

Right Out: -1.298 $\pm$ 0.000 χ^2 /NDF: 178085926993.4/19

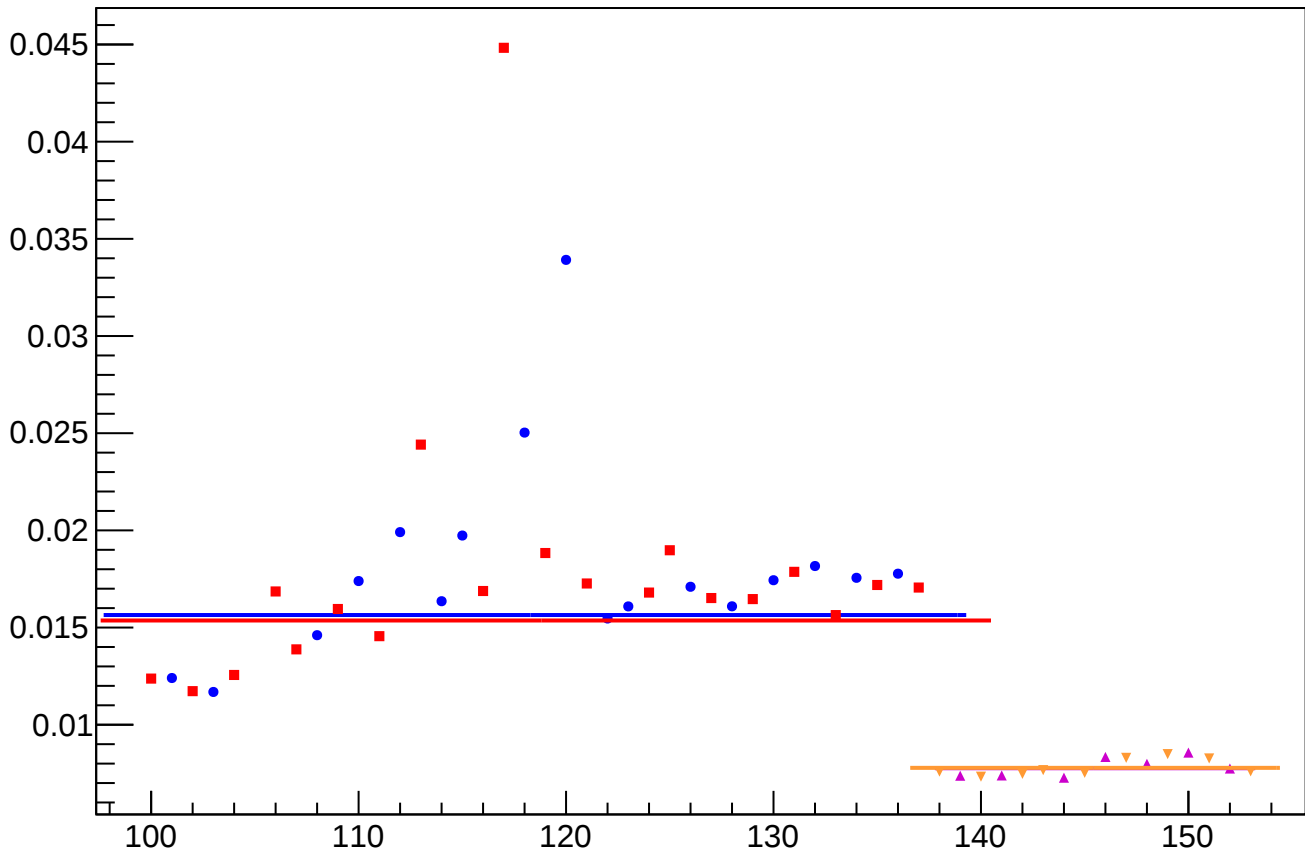
Left In: -2.904 $\pm$ 0.000 χ^2 /NDF: 654832308.4/6

-2.682 $\pm$ 0.000 χ^2 /NDF: 195057935422.4/25

-2.614 $\pm$ 0.000 χ^2 /NDF: 427575460067.6

-2.541 $\pm$ 0.000 χ^2 /NDF: 231311352665.4/26

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 : 32509.2/8

Right Out: 0.015+/-0.000 χ^2/NDF : 387283.2/19

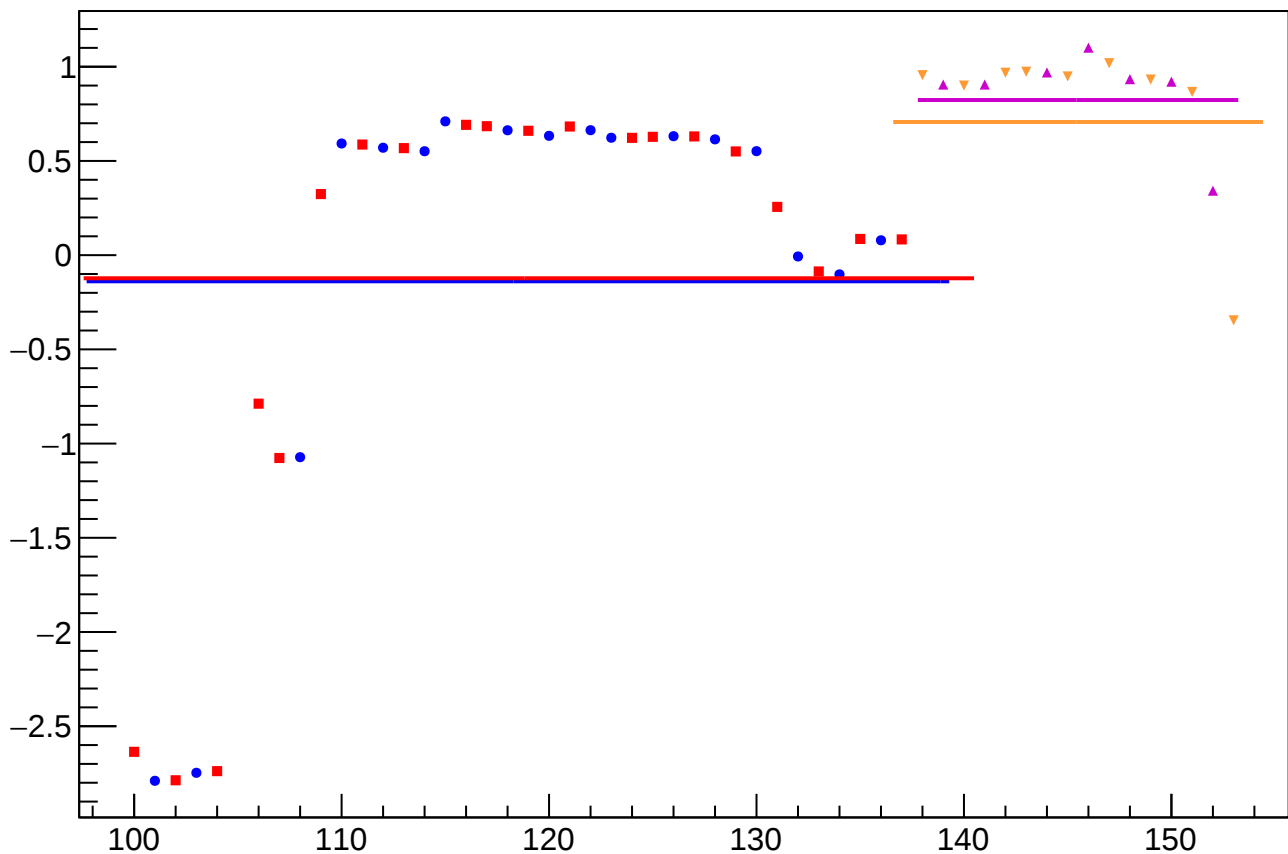
Left In: 0.008+/-0.000 χ^2/NDF : 38331.8/6

0.009+/-0.000 χ^2/NDF : 2929655.2/25

0.009+/-0.000 χ^2/NDF : 5721842.3/52

0.009+/-0.000 χ^2/NDF : 2783132.9/26

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.139 ± 0.000 χ^2/NDF : 715049983856.2/16

Left Out: 0.707 ± 0.000 χ^2/NDF : 32630549236.0/8

0.034 ± 0.000 χ^2/NDF : 822303531952.4/25

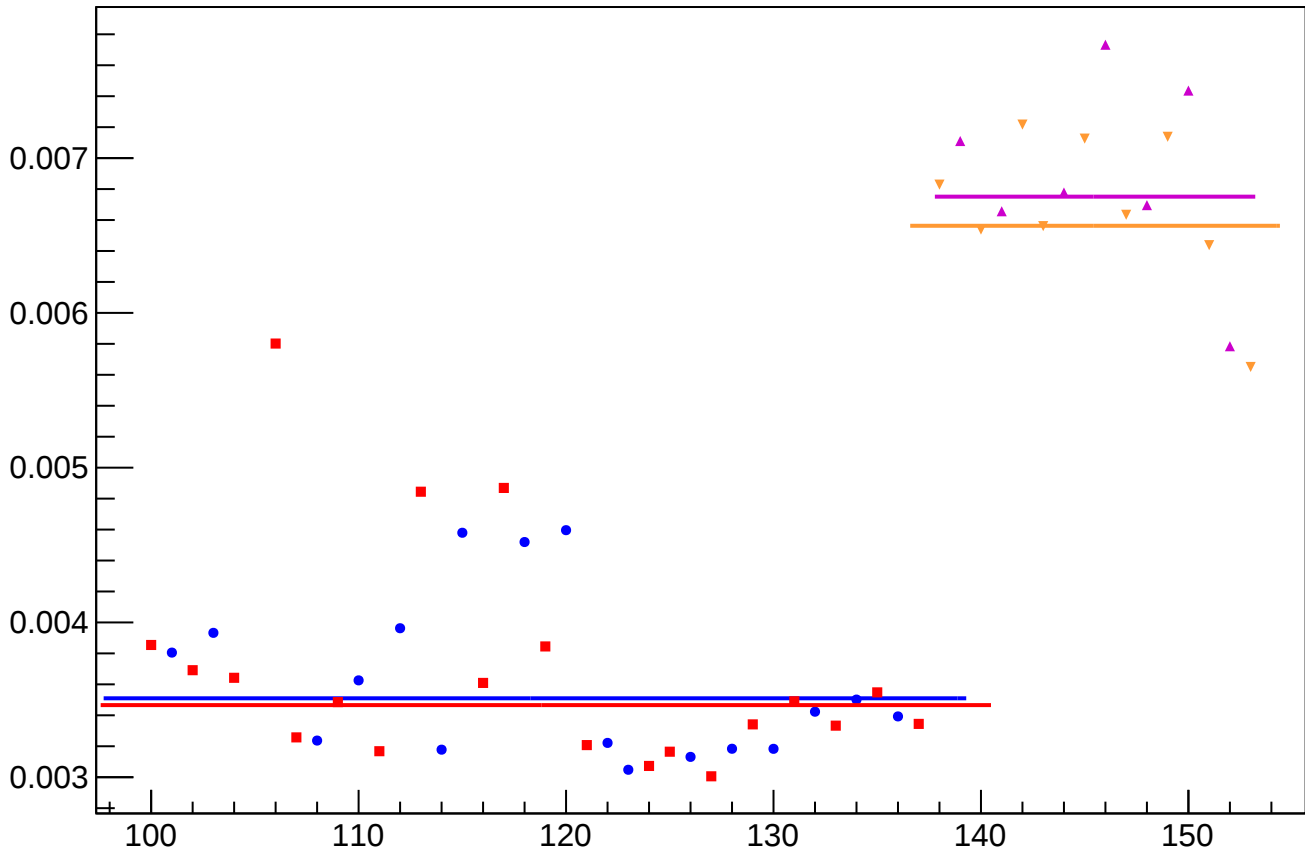
Right Out: -0.123 ± 0.000 χ^2/NDF : 762580598699.5/19

0.032 ± 0.000 χ^2/NDF : 1673672576845.5

Left In: 0.823 ± 0.000 χ^2/NDF : 6977268107.1/6

0.031 ± 0.000 χ^2/NDF : 851367078938.8/26

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:65635.5/8

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 222524.1/19

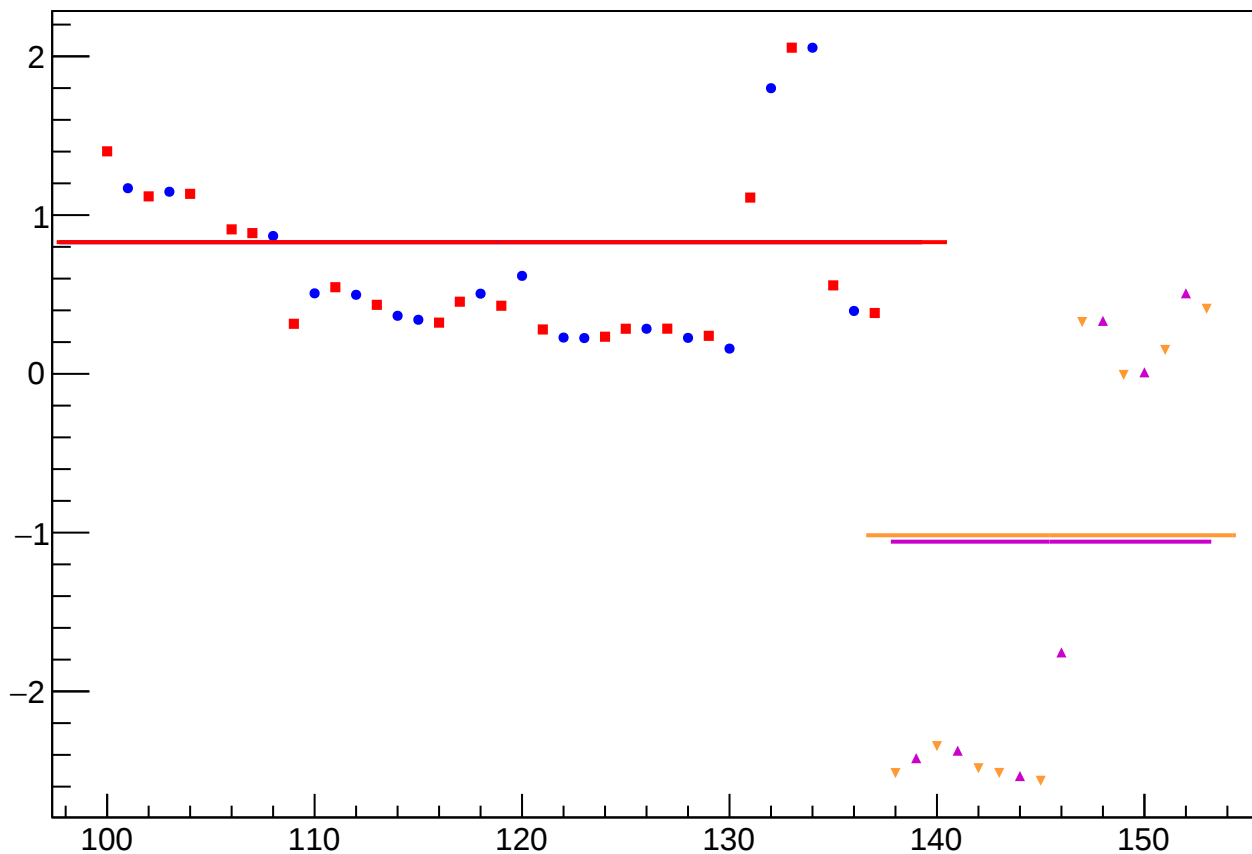
Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:79402.6/6

0.004 $\pm$ 0.000 χ^2 /NDF: 2183269.1/25

0.004 $\pm$ 0.000 χ^2 /NDF: 4469514.9/52

0.004 $\pm$ 0.000 χ^2 /NDF: 2274807.8/26

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: -1.017+/-0.000 χ^2/NDF : 289518570637.8/8

Right Out: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

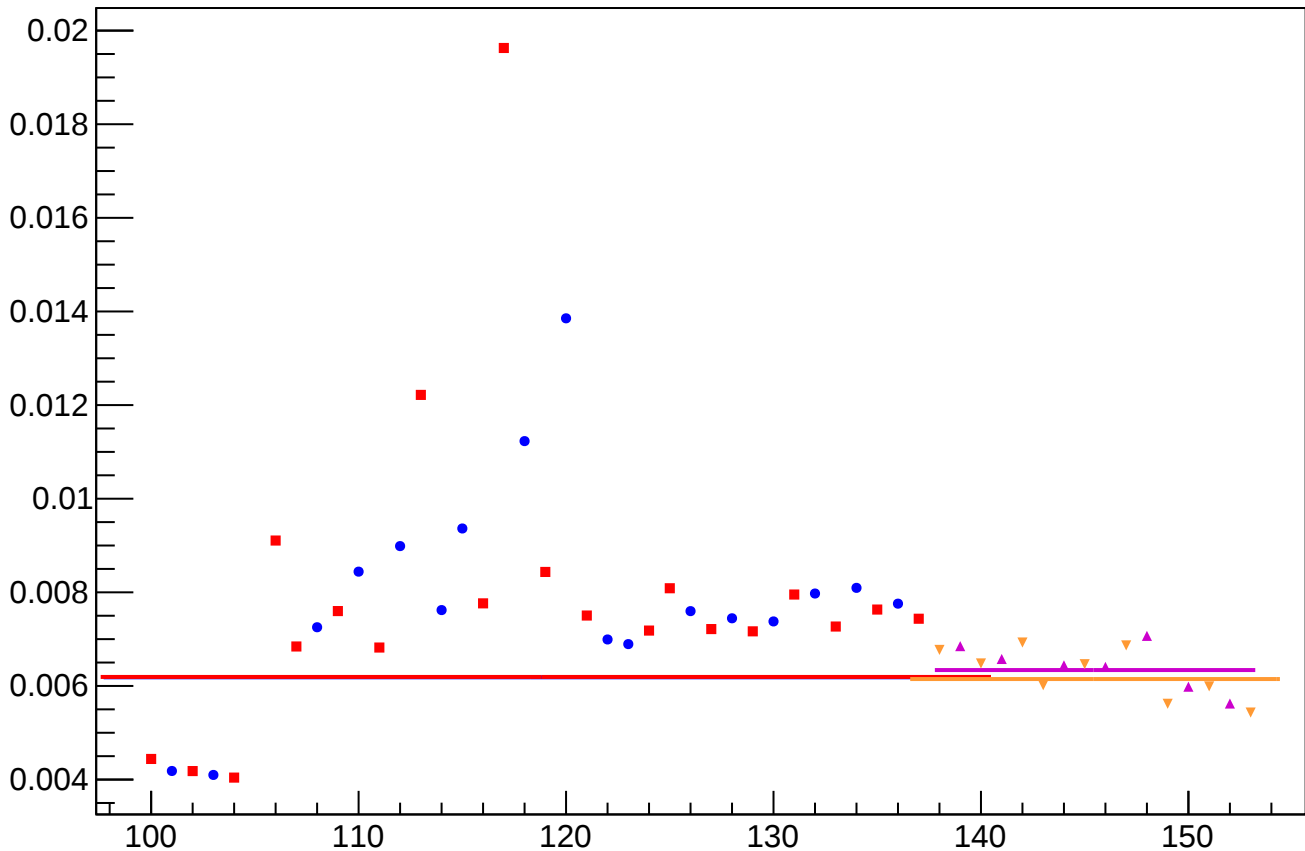
Left In: -1.057+/-0.000 χ^2/NDF : 220693799665.6/6

-0.154+/-0.000 χ^2/NDF : 573486491169.4/25

-0.099+/-0.000 χ^2/NDF : 1079151534278.

-0.041+/-0.000 χ^2/NDF : 503812895384.9/26

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1228962.4/16

Left Out: 0.006+/-0.000 χ^2/NDF : 85699.8/8

Right Out: 0.006+/-0.000 χ^2/NDF : 1062886.2/19

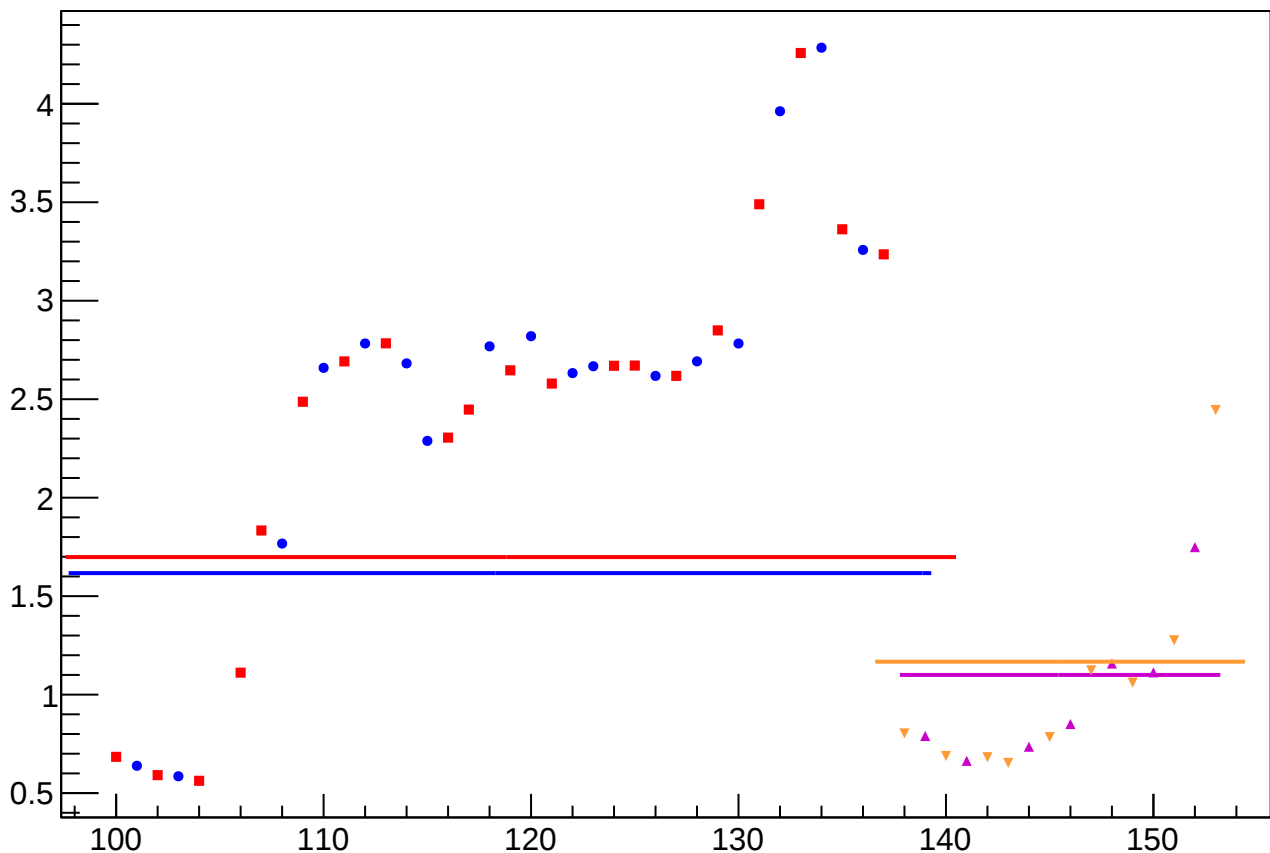
Left In: 0.006+/-0.000 χ^2/NDF : 55942.6/6

0.006+/-0.000 χ^2/NDF : 1314866.3/25

0.006+/-0.000 χ^2/NDF : 2439375.3/52

0.006+/-0.000 χ^2/NDF : 1121870.4/26

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.617+/-0.000 χ^2/NDF : 202886791000.7/16

Left Out: 1.167+/-0.000 χ^2/NDF : 59246786111.8/8

1.378+/-0.000 χ^2/NDF : 277534789498.7/25

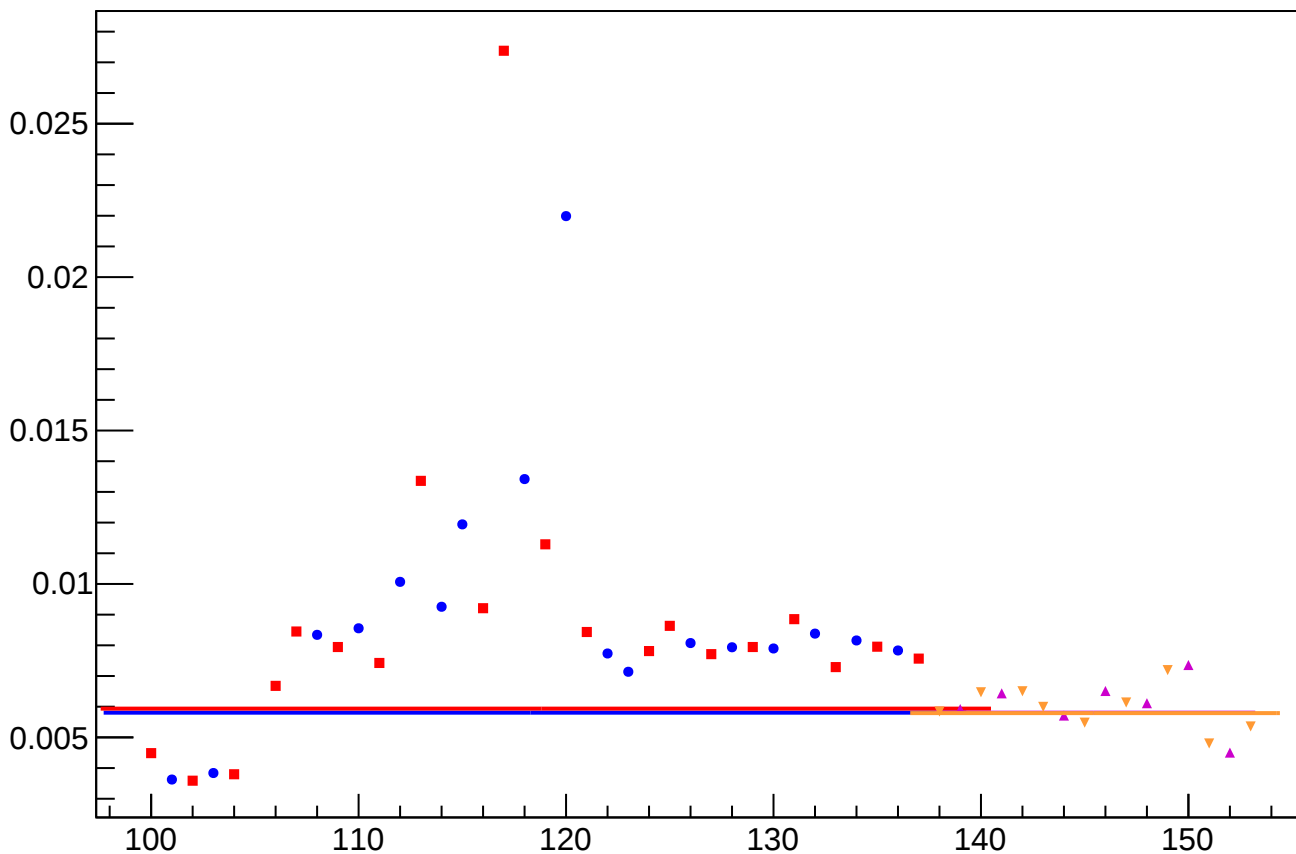
Right Out: 1.698+/-0.000 χ^2/NDF : 227436227264.4/19

1.394+/-0.000 χ^2/NDF : 556017367247.6/19

1.411+/-0.000 χ^2/NDF : 278321791708.5/26

Left In: 1.100+/-0.000 χ^2/NDF : 24652288091.8/6

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 :147204.2/8

Right Out: 0.006+/-0.000 χ^2/NDF : 1731283.0/19

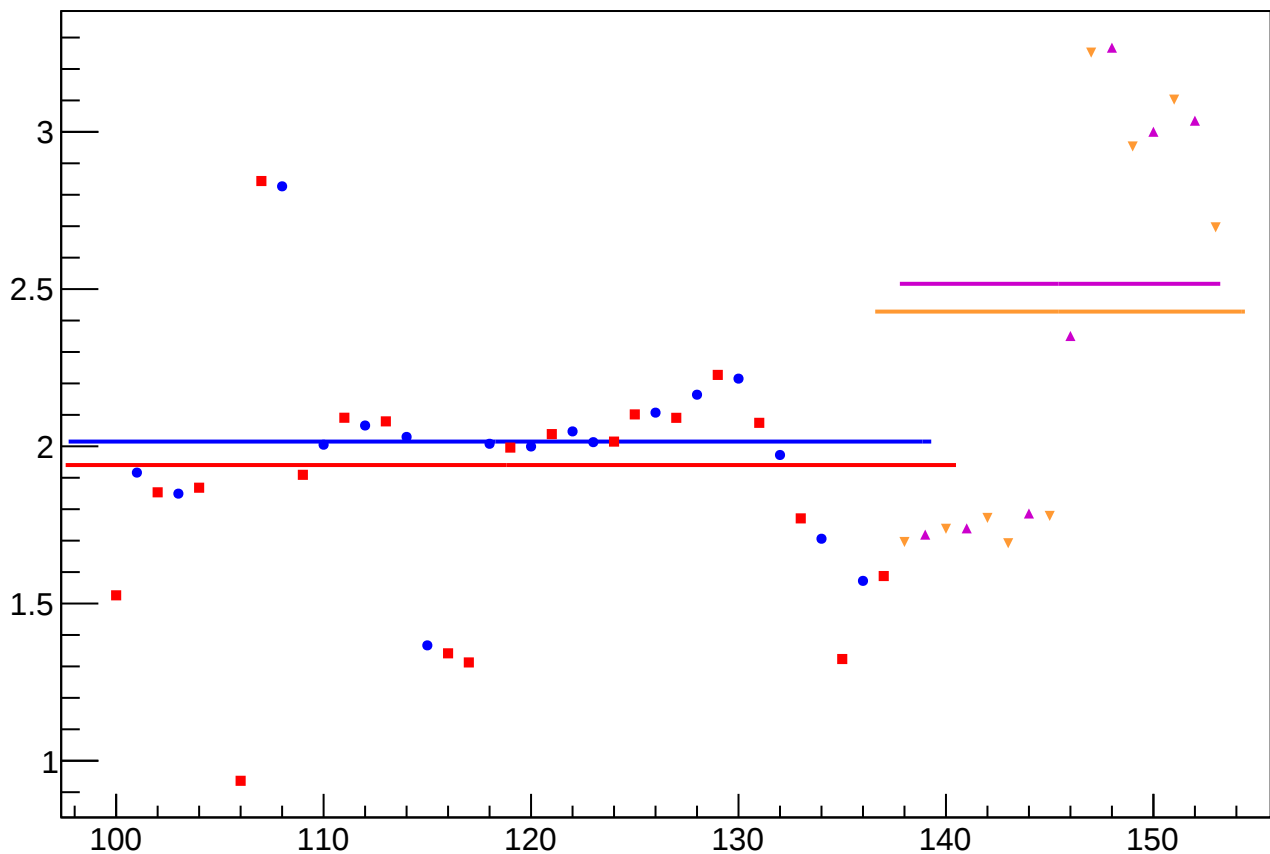
Left In: 0.006+/-0.000 χ^2/NDF :223083.4/6

0.006+/-0.000 χ^2/NDF : 2065224.2/25

0.006+/-0.000 χ^2/NDF : 4023868.9/52

0.006+/-0.000 χ^2/NDF : 1956914.4/26

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.015 $\pm$ 0.000 χ^2/NDF : 12228403202.6/16

Left Out: 2.428 $\pm$ 0.000 χ^2/NDF : 43439293670.0/8

Right Out: 1.940 $\pm$ 0.000 χ^2/NDF : 21732099424.5/19

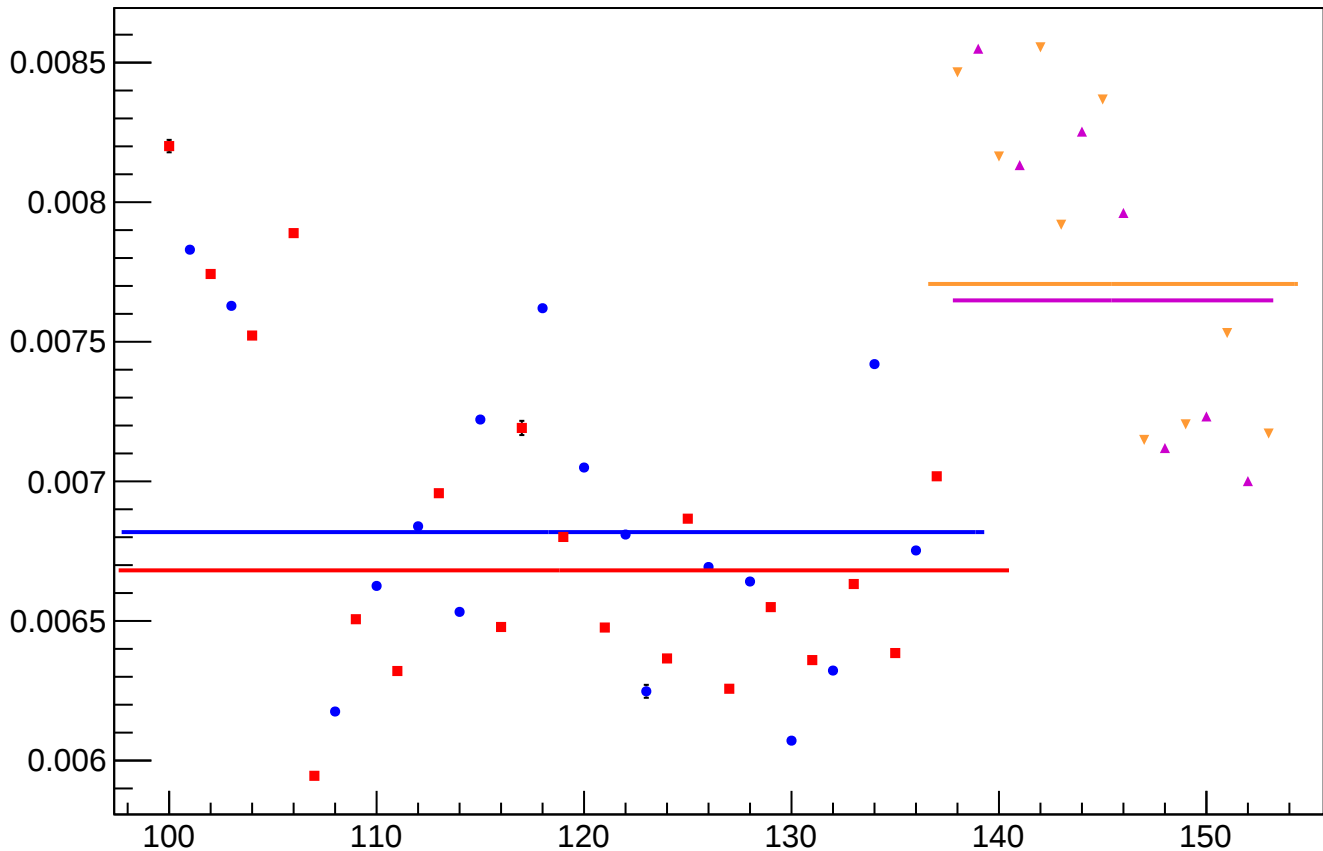
Left In: 2.517 $\pm$ 0.000 χ^2/NDF : 36562154480.4/6

2.193 $\pm$ 0.000 χ^2/NDF : 65754861202.4/25

2.175 $\pm$ 0.000 χ^2/NDF : 143363040673.9/

2.158 $\pm$ 0.000 χ^2/NDF : 77453566108.5/26

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 75813.9/16

Left Out: 0.008+/-0.000 χ^2/NDF : 59255.8/8

Right Out: 0.007+/-0.000 χ^2/NDF : 76121.2/19

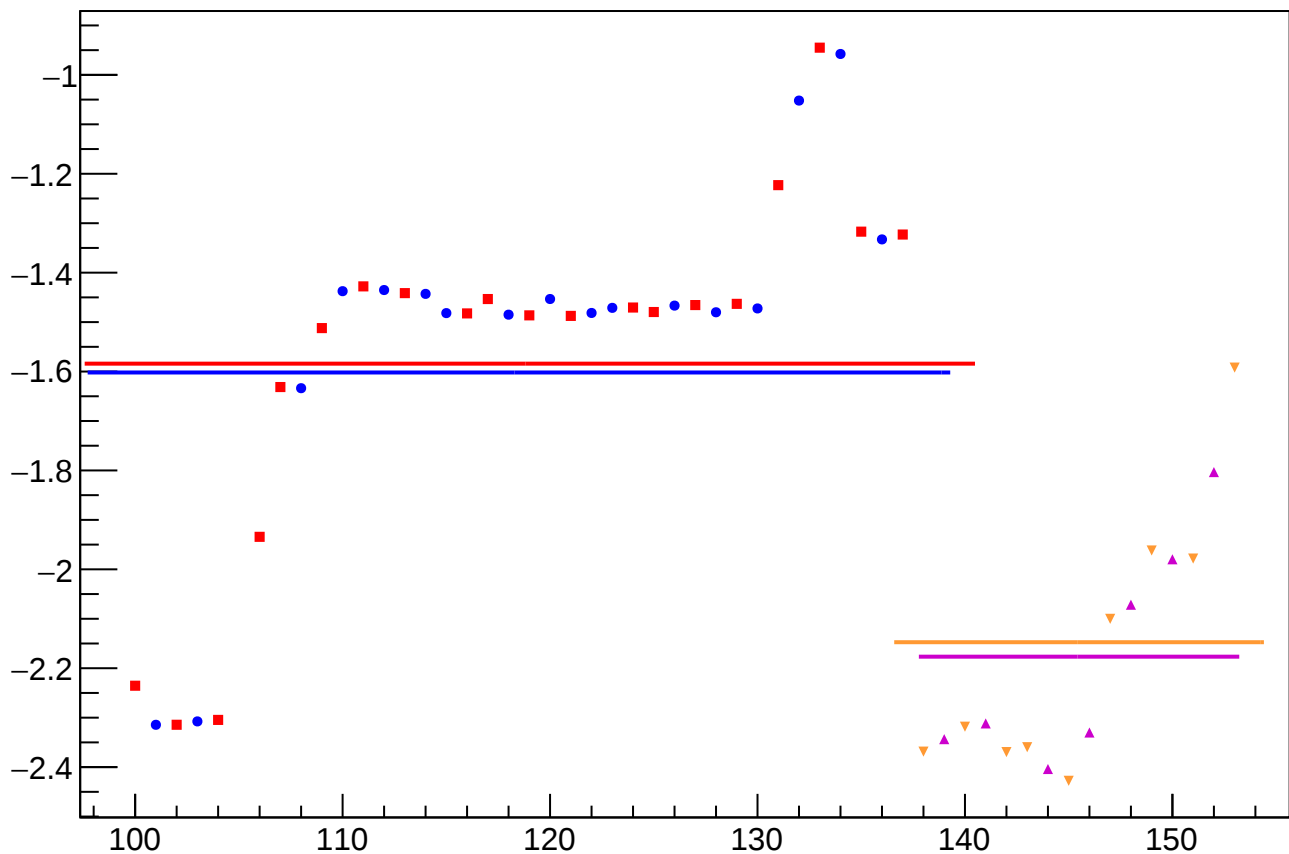
Left In: 0.008+/-0.000 χ^2/NDF : 58897.0/6

0.007+/-0.000 χ^2/NDF : 228343.9/25

0.007+/-0.000 χ^2/NDF : 477123.5/52

0.007+/-0.000 χ^2/NDF : 242874.9/26

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.602+/-0.000 χ^2/NDF : 140200656044.3/16

Left Out: -2.147+/-0.000 χ^2/NDF : 52384441623.8/8

Right Out: -1.584+/-0.000 χ^2/NDF : 143612120137.8/19

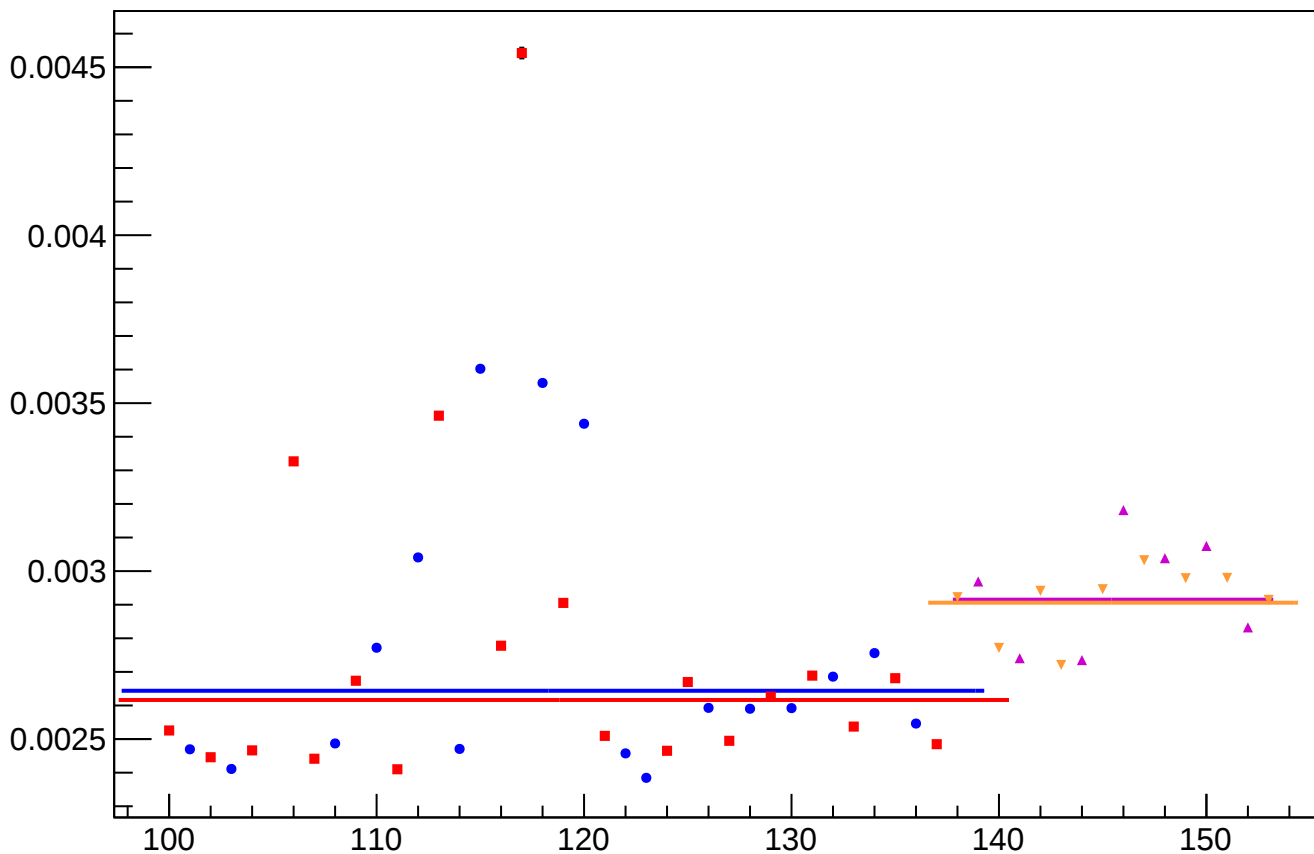
Left In: -2.177+/-0.000 χ^2/NDF : 28909182324.0/6

-1.843+/-0.000 χ^2/NDF : 310876943512.7/25

-1.829+/-0.000 χ^2/NDF : 617566515556.1

-1.814+/-0.000 χ^2/NDF : 305996441664.0/26

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 :13862.9/8

Right Out: 0.003+/-0.000 χ^2/NDF : 119852.1/19

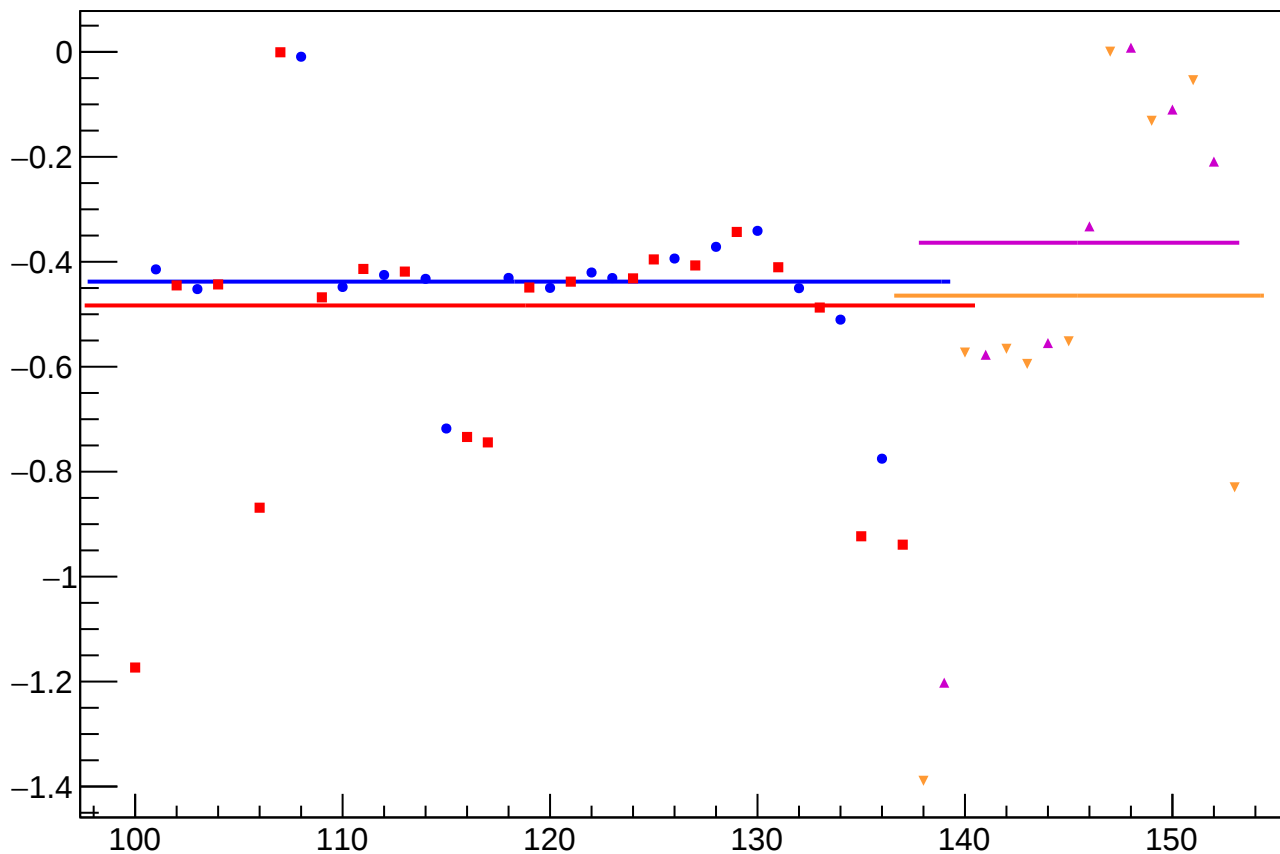
Left In: 0.003+/-0.000 χ^2/NDF :31973.5/6

0.003+/-0.000 χ^2/NDF : 219877.7/25

0.003+/-0.000 χ^2/NDF : 440720.3/52

0.003+/-0.000 χ^2/NDF : 219620.3/26

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.438 ± 0.000 $\chi^2/\text{NDF}: 1462454117.6/16$

Left Out: -0.464 ± 0.000 $\chi^2/\text{NDF}: 6221907744.0/8$

Right Out: -0.483 ± 0.000 $\chi^2/\text{NDF}: 2714164016.2/19$

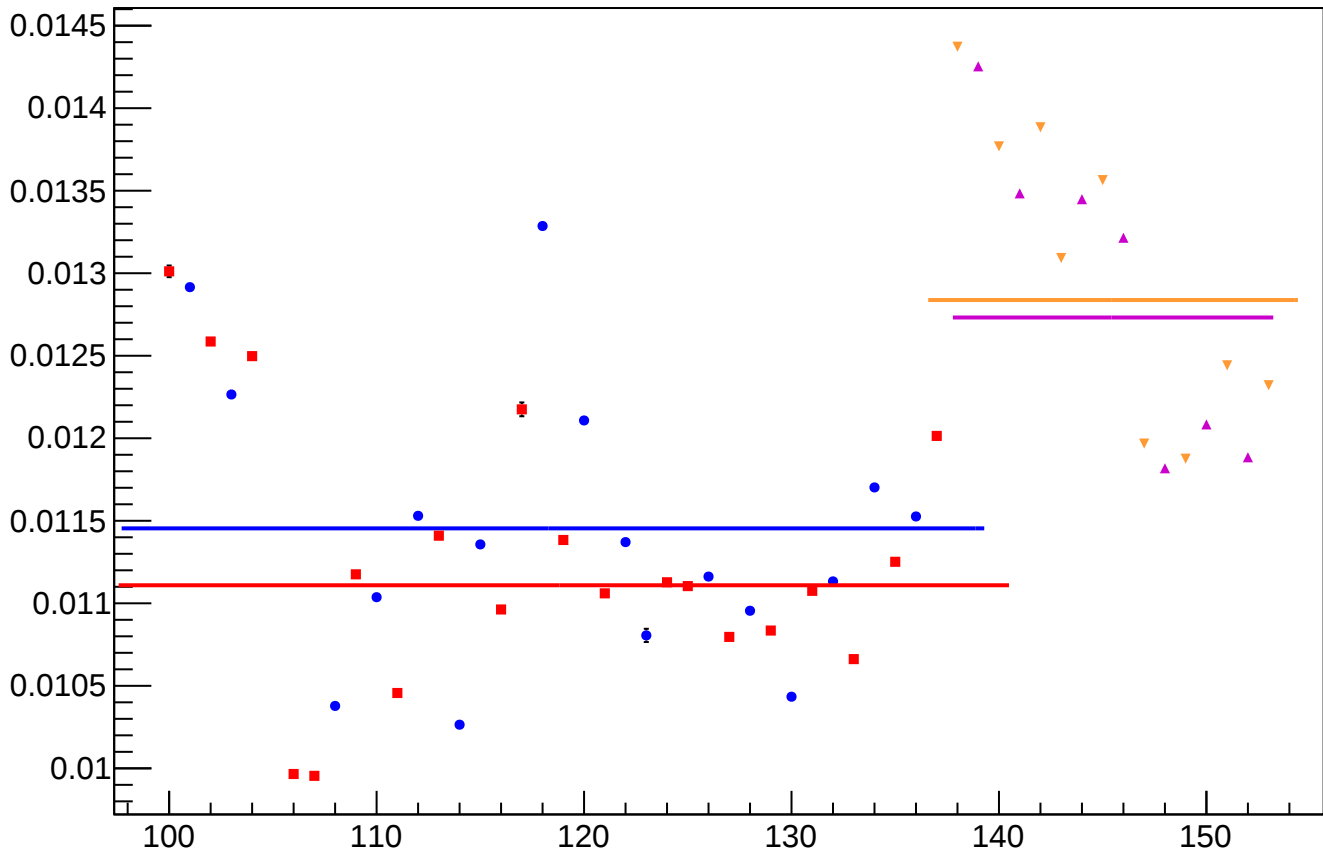
Left In: -0.364 ± 0.000 $\chi^2/\text{NDF}: 3887249013.0/6$

-0.449 ± 0.000 $\chi^2/\text{NDF}: 7699557508.9/25$

-0.444 ± 0.000 $\chi^2/\text{NDF}: 14604151705.3/5$

-0.439 ± 0.000 $\chi^2/\text{NDF}: 6899949408.9/26$

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 64687.8/16

Left Out: 0.013+/-0.000 χ^2/NDF : 53561.8/8

Right Out: 0.011+/-0.000 χ^2/NDF : 56696.9/19

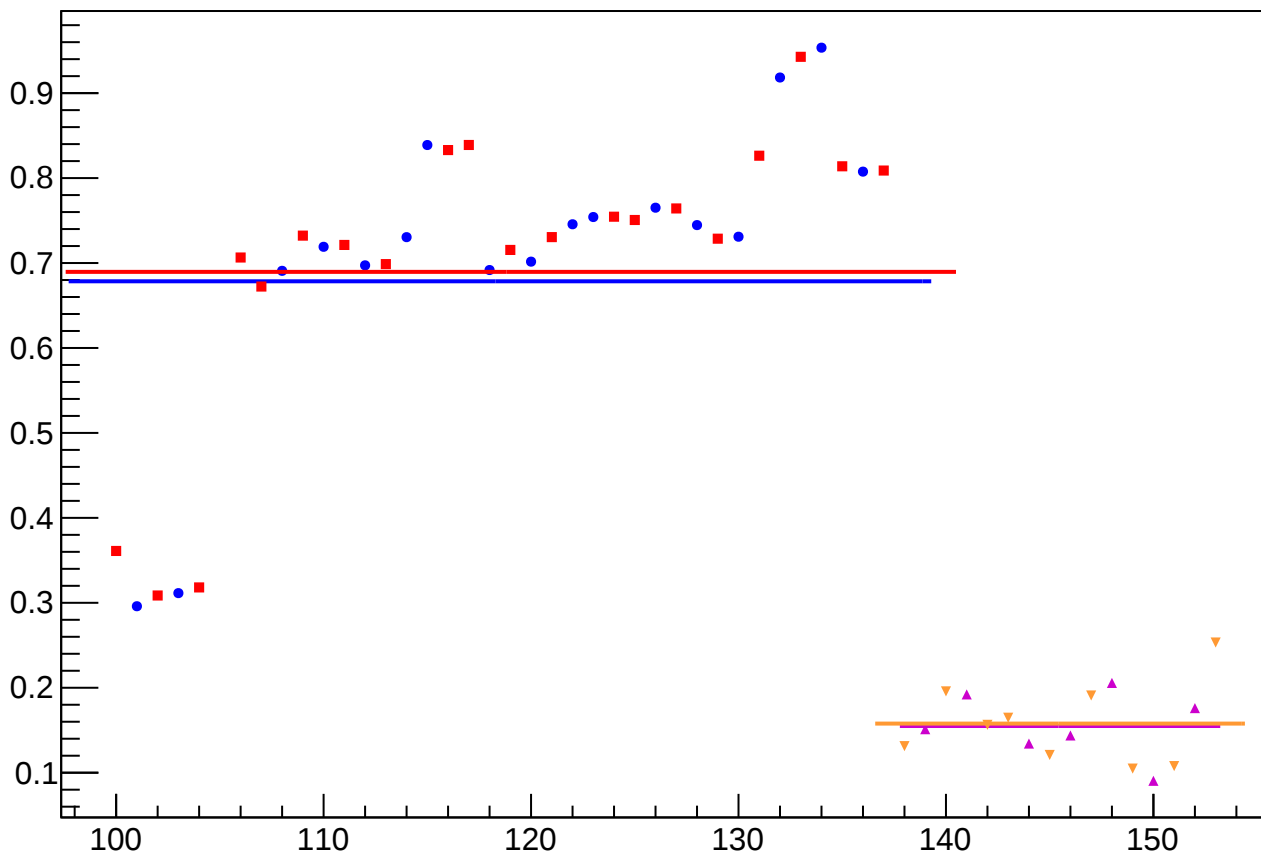
Left In: 0.013+/-0.000 χ^2/NDF : 48448.7/6

0.012+/-0.000 χ^2/NDF : 199906.3/25

0.012+/-0.000 χ^2/NDF : 425457.2/52

0.012+/-0.000 χ^2/NDF : 215126.4/26

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.678 $\pm$ 0.000 χ^2 /NDF: 38506442638.3/16

Left Out: 0.158 $\pm$ 0.000 χ^2 /NDF: 2837090022.5/8

Right Out: 0.690 $\pm$ 0.000 χ^2 /NDF: 35439496983.3/19

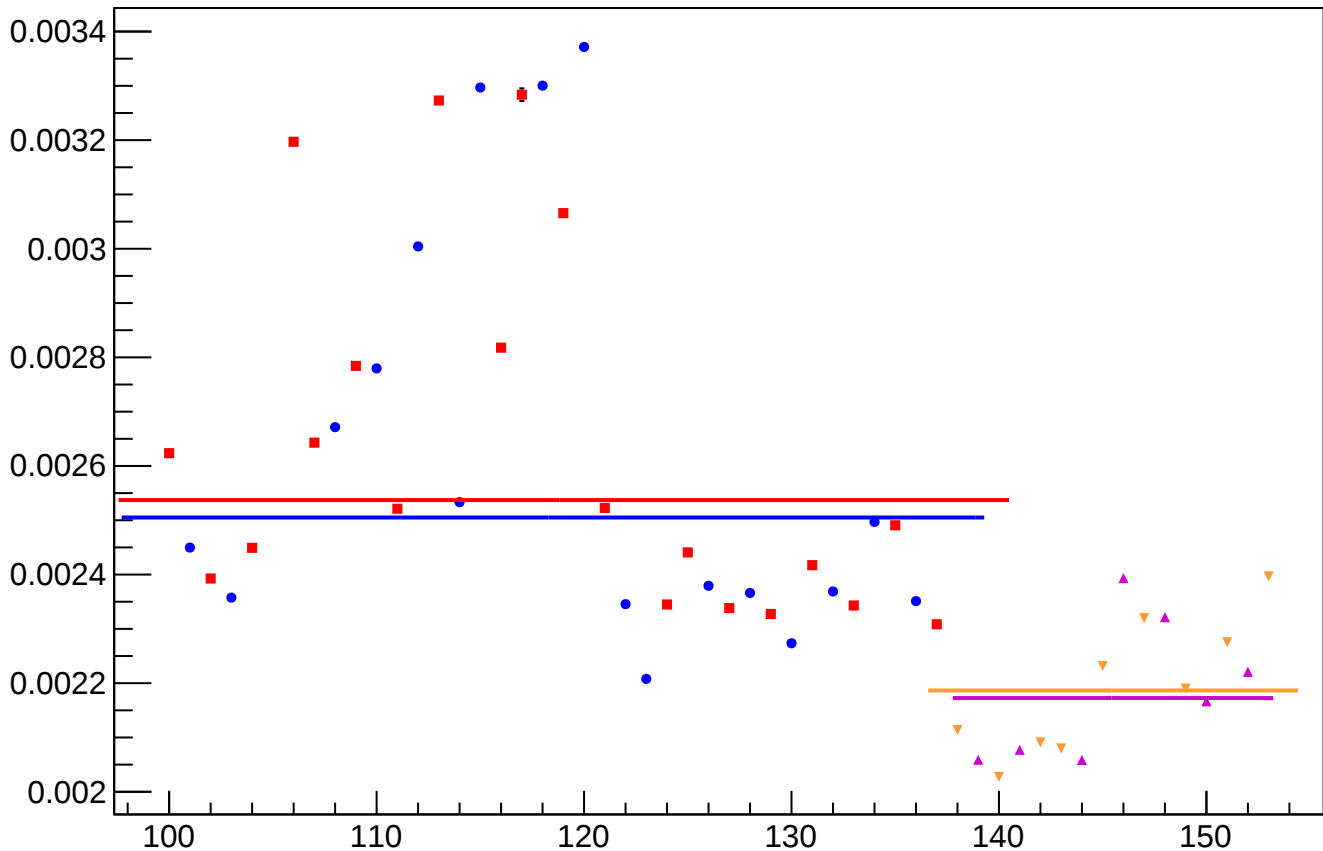
Left In: 0.155 $\pm$ 0.000 χ^2 /NDF: 1587002245.5/6

0.381 $\pm$ 0.000 χ^2 /NDF: 198384264129.3/25

0.393 $\pm$ 0.000 χ^2 /NDF: 395053039087.6/

0.406 $\pm$ 0.000 χ^2 /NDF: 196001470203.7/26

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 : 36825.7/8

Right Out: 0.003+/-0.000 χ^2/NDF : 135649.7/19

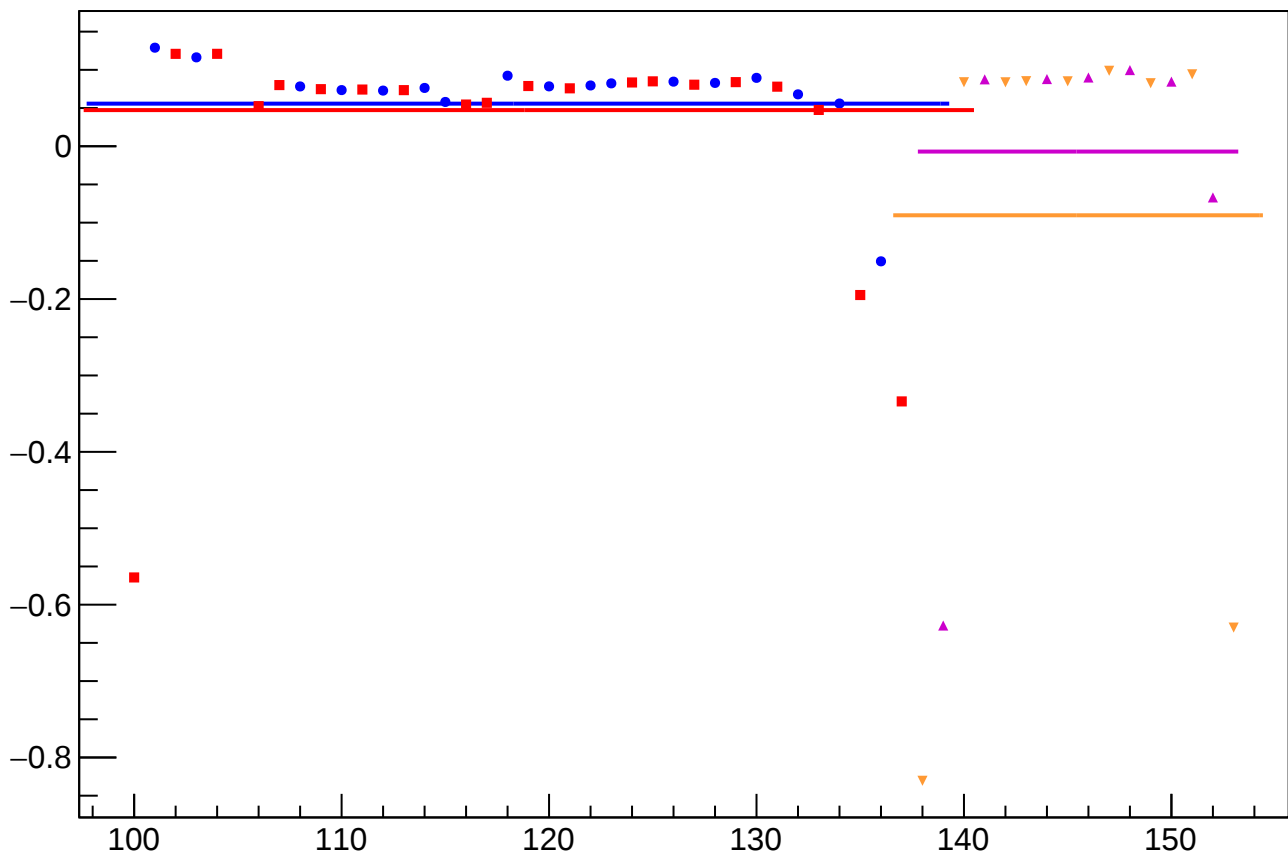
Left In: 0.002+/-0.000 χ^2/NDF : 33731.1/6

0.002+/-0.000 χ^2/NDF : 329864.1/25

0.002+/-0.000 χ^2/NDF : 648048.9/52

0.002+/-0.000 χ^2/NDF : 317258.9/26

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.000 χ^2/NDF : 423003688.1/16

Left Out: -0.090+/-0.000 χ^2/NDF : 5178305595.2/8

Right Out: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

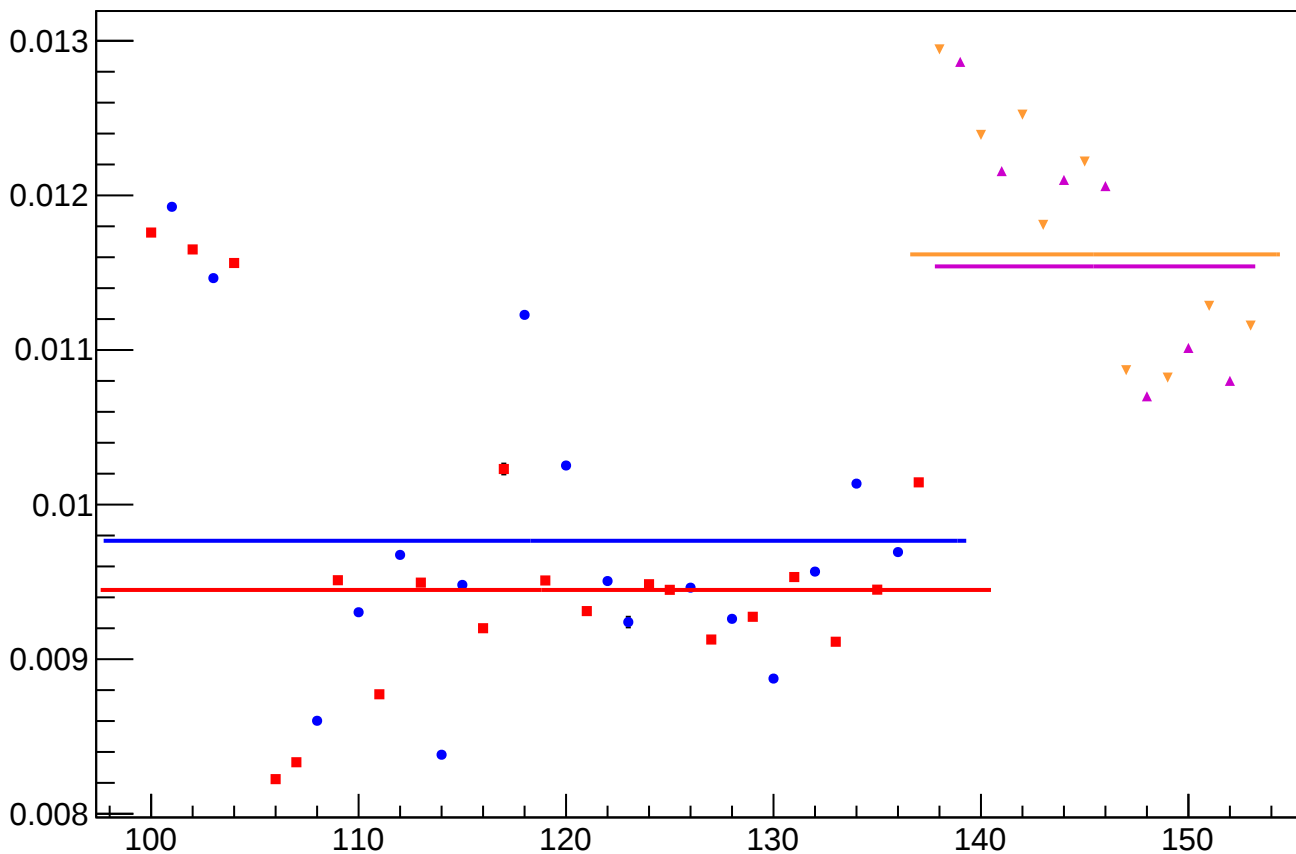
Left In: -0.007+/-0.000 χ^2/NDF : 1828659980.9/6

-0.003+/-0.000 χ^2/NDF : 6184954953.1/25

0.013+/-0.000 χ^2/NDF : 8971535784.8/52

0.029+/-0.000 χ^2/NDF : 2726486226.1/26

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 116638.3/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 47412.4/8

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 111197.0/19

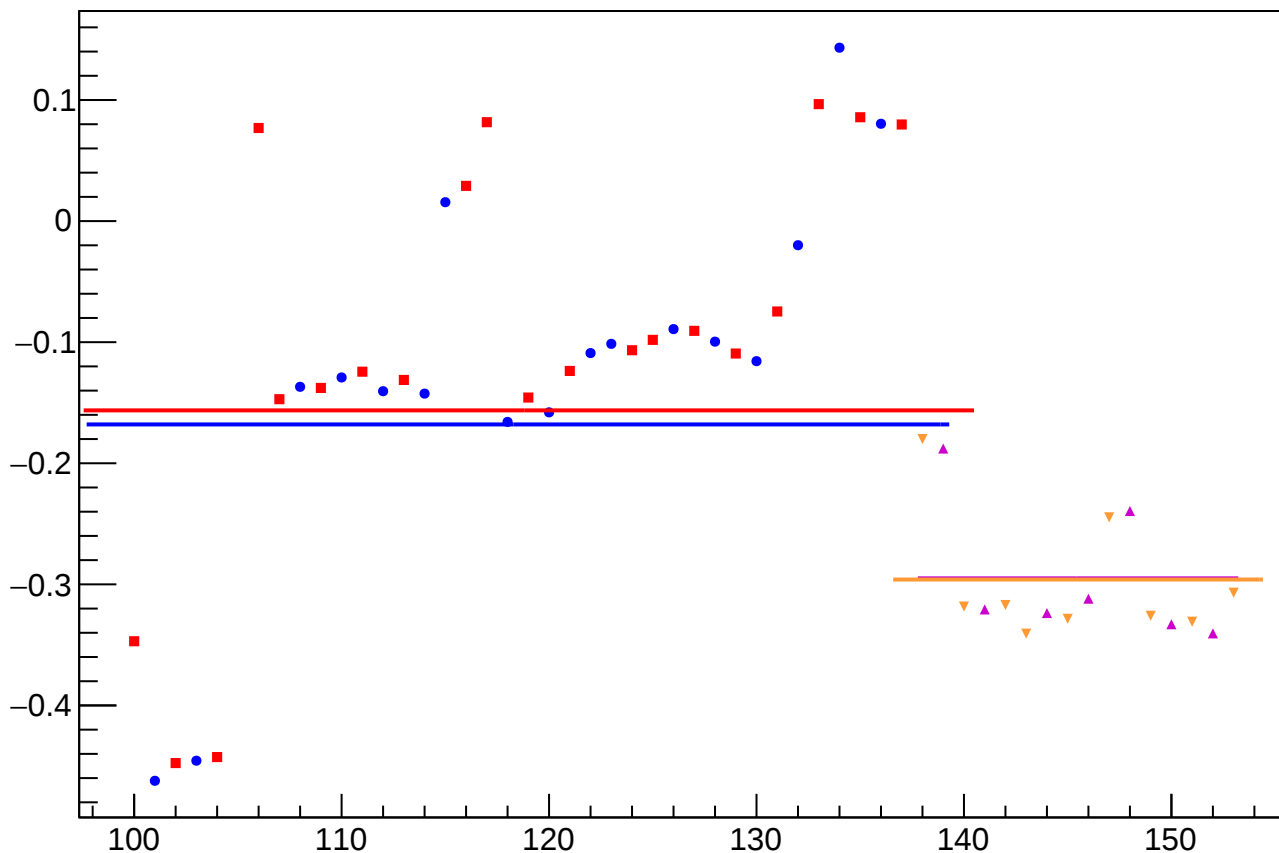
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 44896.2/6

0.011 $\pm$ 0.000 χ^2 /NDF: 351688.0/25

0.010 $\pm$ 0.000 χ^2 /NDF: 754858.2/52

0.010 $\pm$ 0.000 χ^2 /NDF: 388630.7/26

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 12331812610.6/16

Left Out: -0.296+/-0.000 χ^2/NDF : 1938239074.6/8

Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

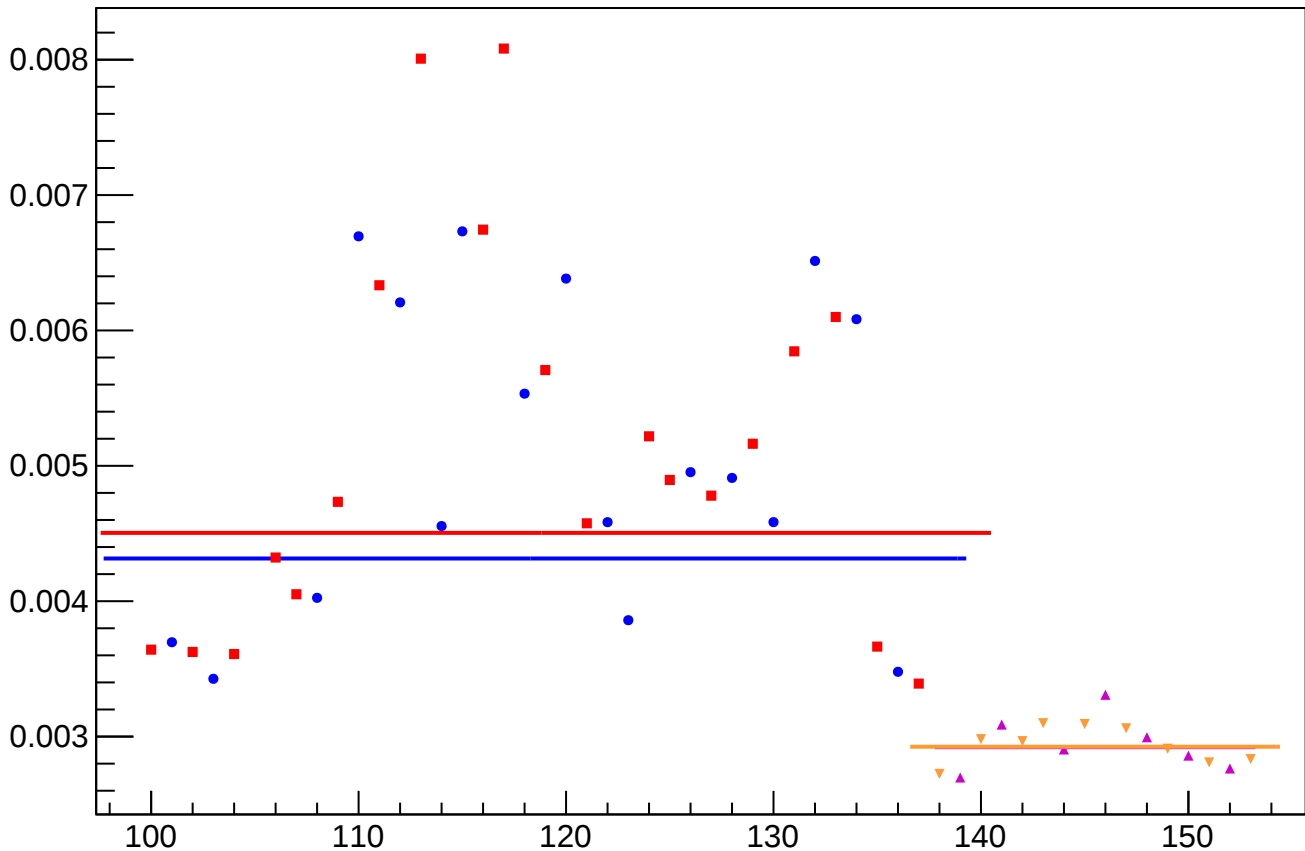
Left In: -0.295+/-0.000 χ^2/NDF : 1815457220.3/6

-0.257+/-0.000 χ^2/NDF : 17834916701.9/25

-0.253+/-0.000 χ^2/NDF : 34705521888.4/5

-0.249+/-0.000 χ^2/NDF : 16838226089.5/26

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2/NDF : 619744.7/16

Left Out: 0.003 $\pm$ 0.000 χ^2/NDF : 23308.1/8

Right Out: 0.005 $\pm$ 0.000 χ^2/NDF : 665152.6/19

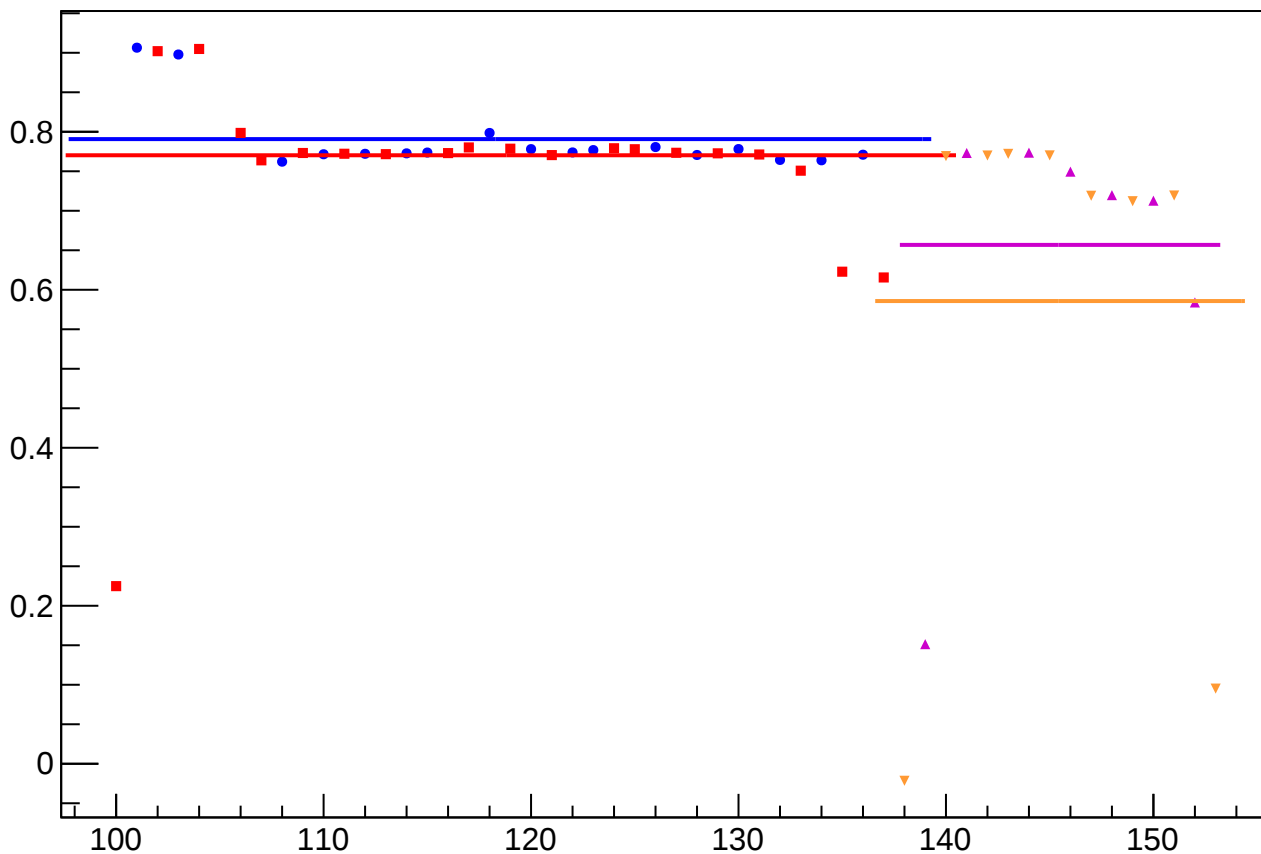
Left In: 0.003 $\pm$ 0.000 χ^2/NDF : 39849.0/6

0.003 $\pm$ 0.000 χ^2/NDF : 1483193.3/25

0.003 $\pm$ 0.000 χ^2/NDF : 3229853.9/52

0.003 $\pm$ 0.000 χ^2/NDF : 1736870.1/26

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.791 $\pm$ 0.000 χ^2 /NDF: 106705767.1/16

Left Out: 0.586 $\pm$ 0.000 χ^2 /NDF: 4150180954.2/8

Right Out: 0.770 $\pm$ 0.000 χ^2 /NDF: 375473971.0/19

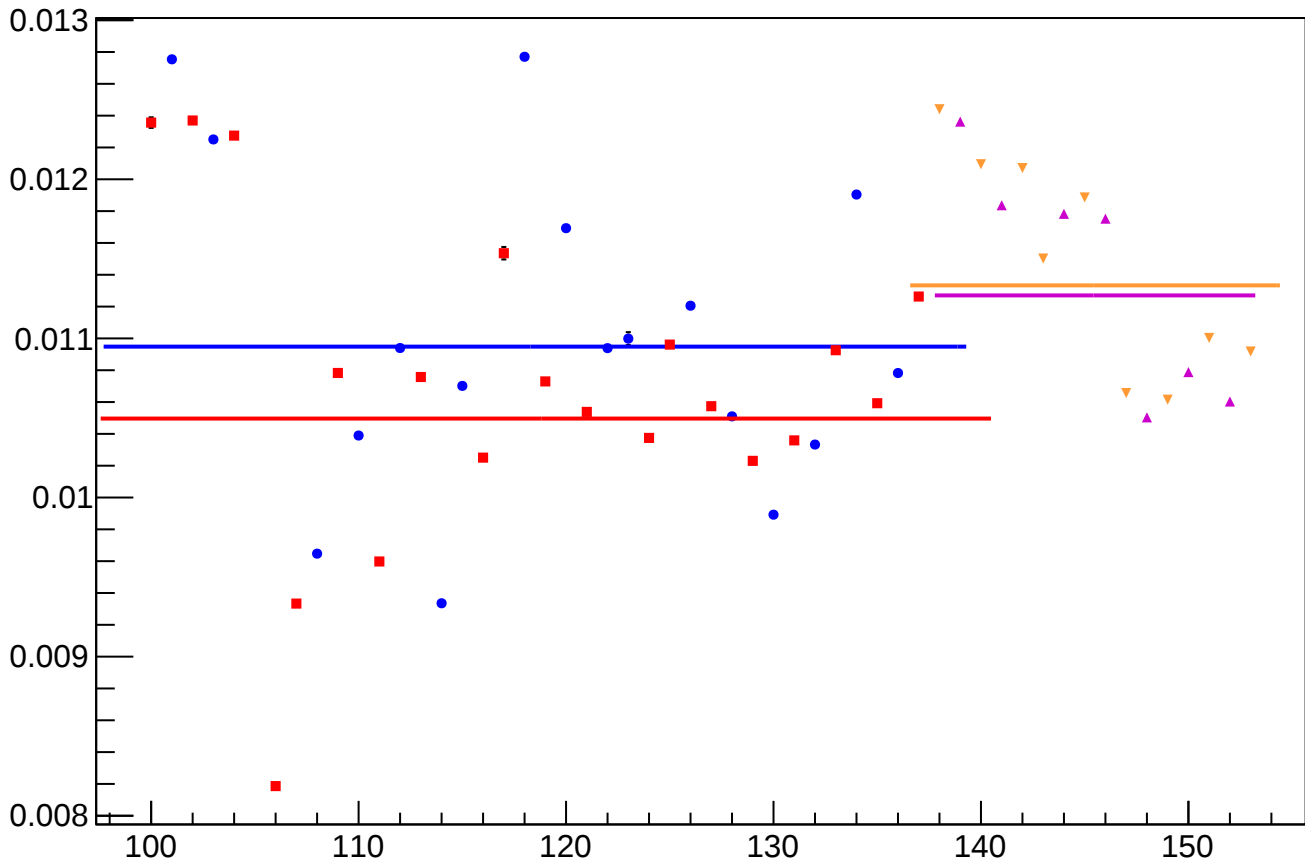
Left In: 0.657 $\pm$ 0.000 χ^2 /NDF: 1394096579.5/6

0.693 $\pm$ 0.000 χ^2 /NDF: 5330889302.7/25

0.709 $\pm$ 0.000 χ^2 /NDF: 7478469680.8/52

0.724 $\pm$ 0.000 χ^2 /NDF: 2096902460.5/26

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 98551.4/16

Left Out: 0.011+/-0.000 χ^2/NDF : 39977.6/8

Right Out: 0.010+/-0.000 χ^2/NDF : 120120.6/19

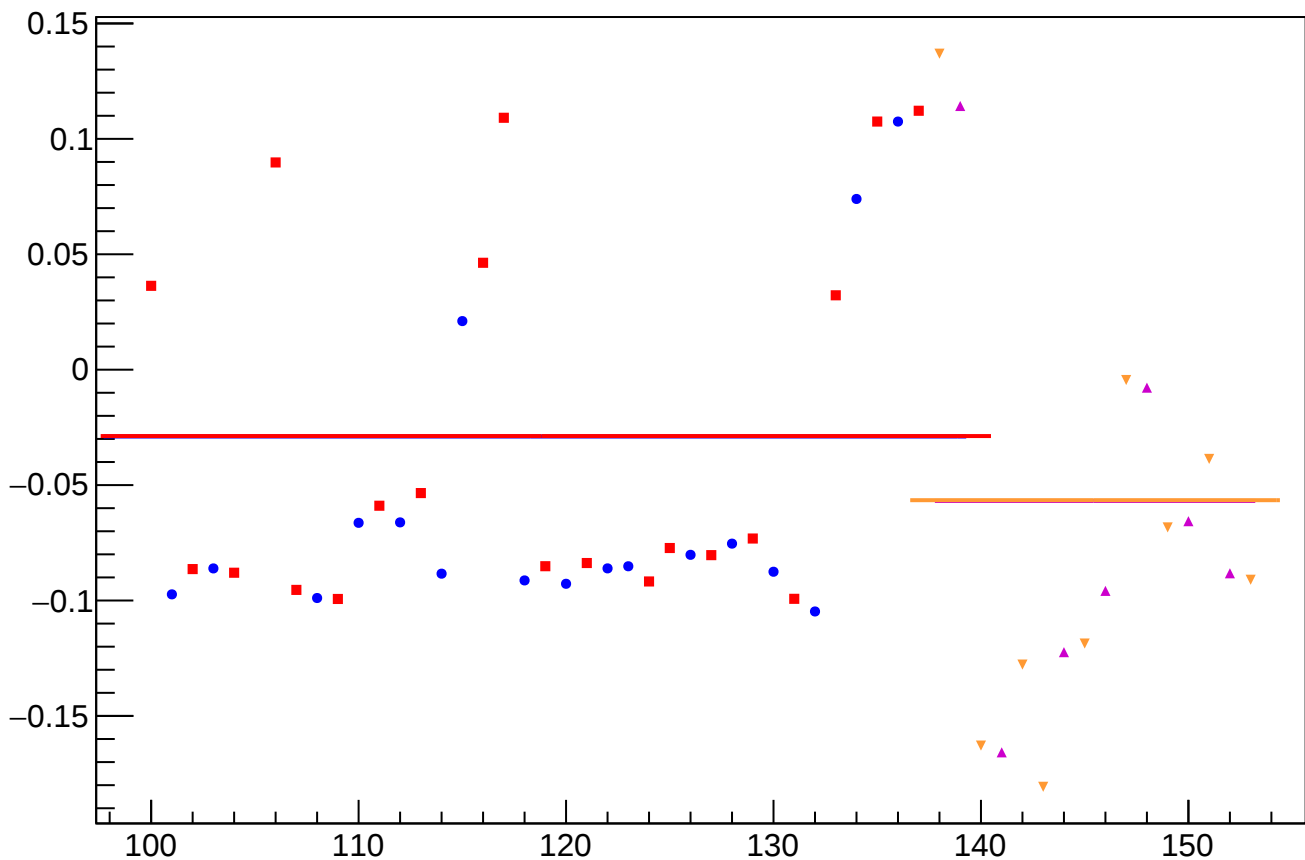
Left In: 0.011+/-0.000 χ^2/NDF : 37476.4/6

0.011+/-0.000 χ^2/NDF : 146103.6/25

0.011+/-0.000 χ^2/NDF : 345006.9/52

0.011+/-0.000 χ^2/NDF : 188060.4/26

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.000 χ^2/NDF : 2445975608.2/16

Left Out: -0.057+/-0.000 χ^2/NDF : 4883813434.0/8

Right Out: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

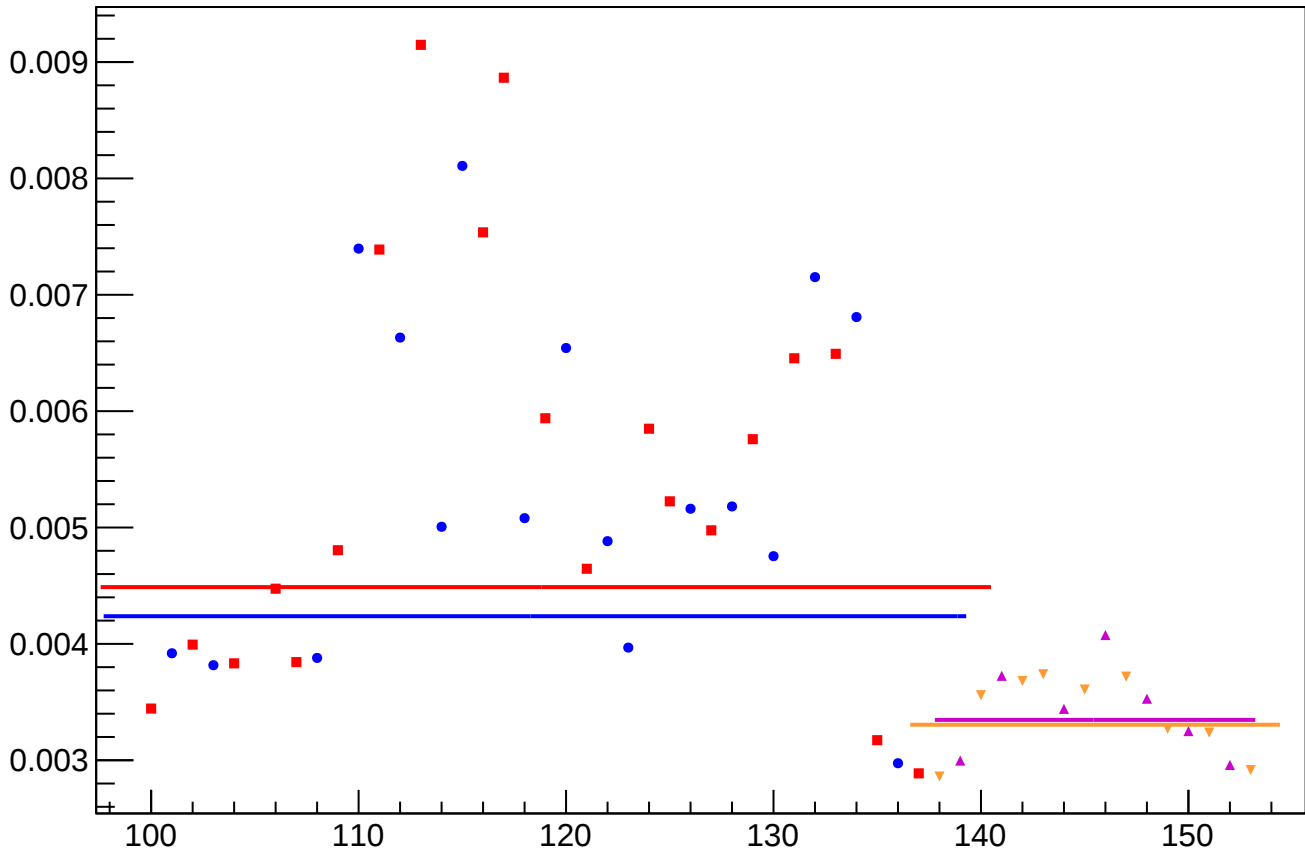
Left In: -0.057+/-0.000 χ^2/NDF : 3303298235.4/6

-0.047+/-0.000 χ^2/NDF : 7478256747.1/25

-0.046+/-0.000 χ^2/NDF : 13045231814.3/5

-0.046+/-0.000 χ^2/NDF : 5566779067.9/26

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 :118653.5/8

Right Out: 0.004+/-0.000 χ^2/NDF : 1003473.4/19

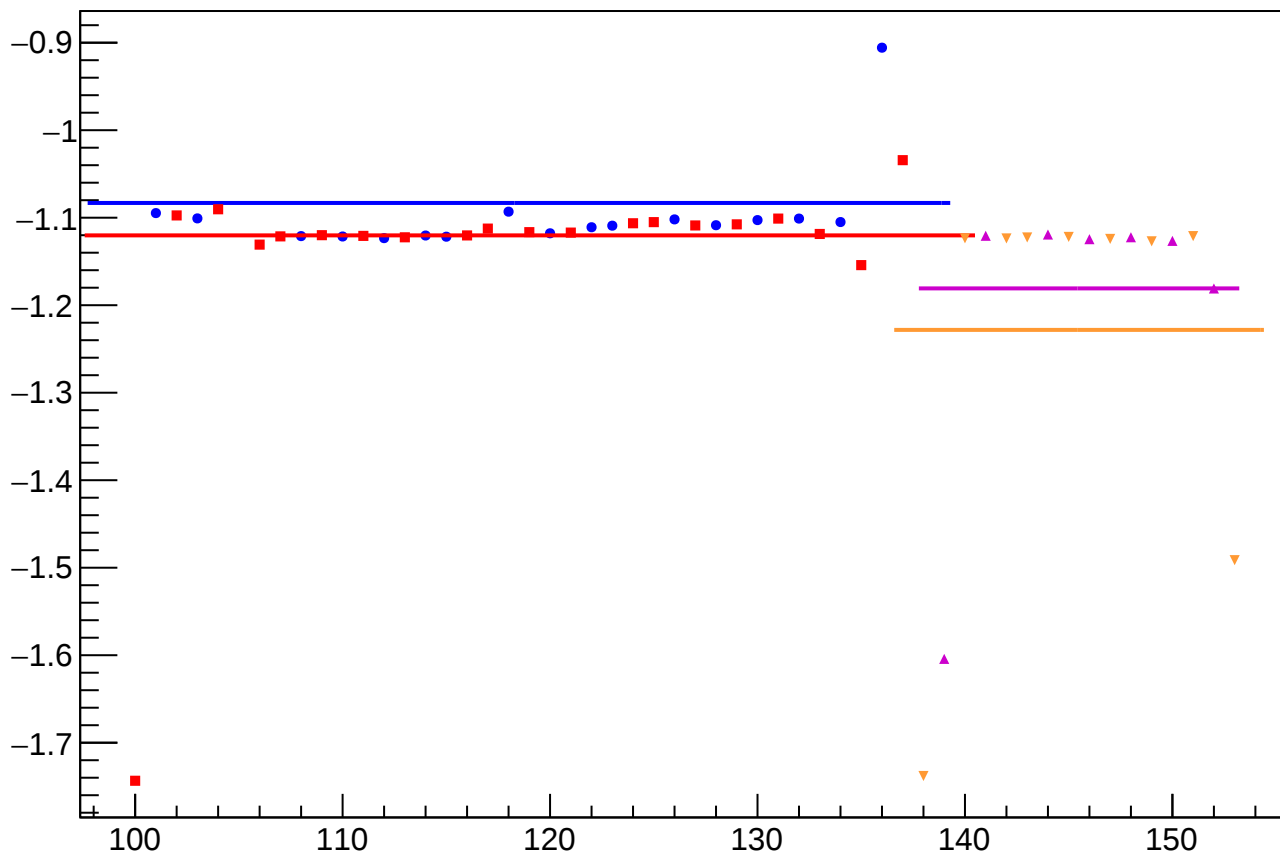
Left In: 0.003+/-0.000 χ^2/NDF :108951.4/6

0.004+/-0.000 χ^2/NDF : 1339193.7/25

0.004+/-0.000 χ^2/NDF : 2932715.3/52

0.004+/-0.000 χ^2/NDF : 1575364.4/26

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 202920901.6/16

Left Out: -1.228+/-0.000 χ^2/NDF : 2508841571.9/8

Right Out: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

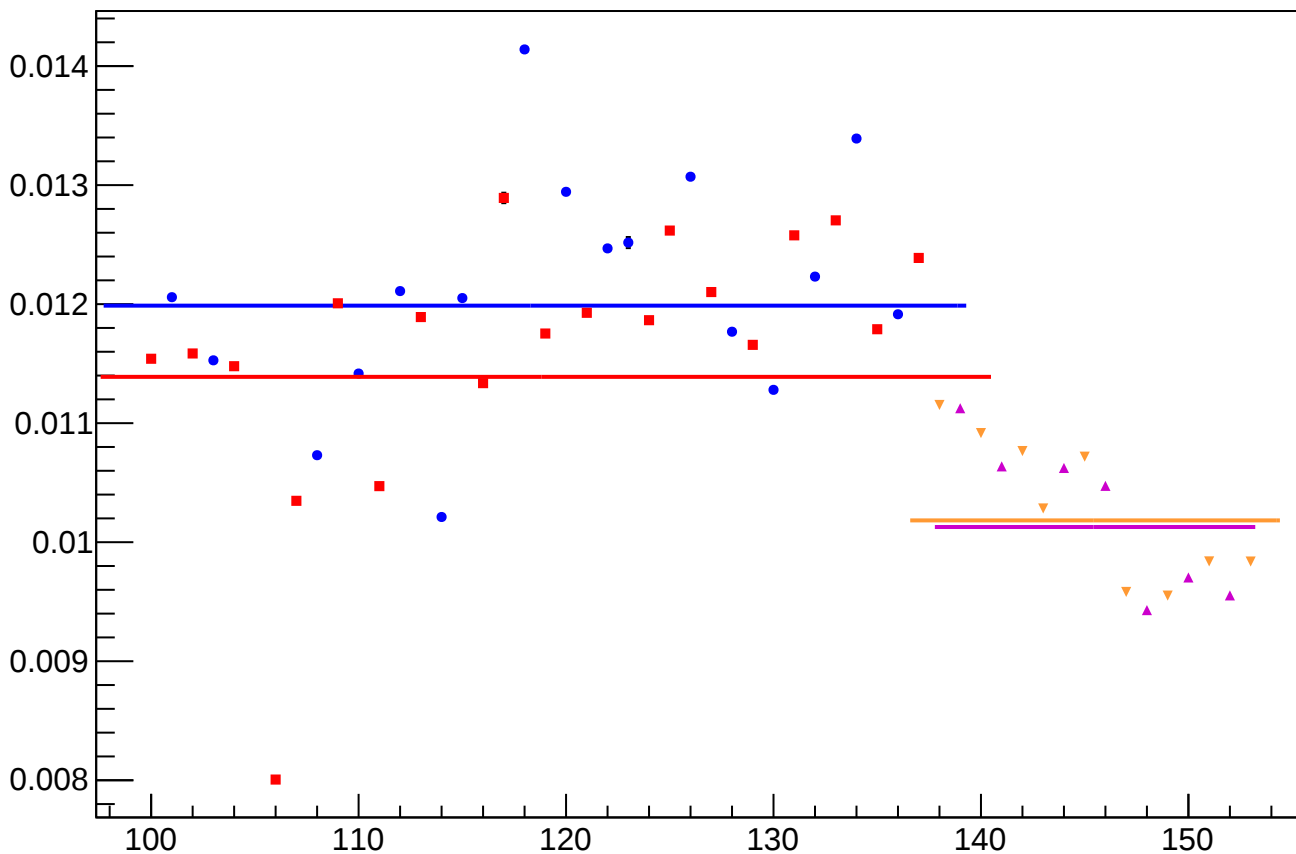
Left In: -1.181+/-0.000 χ^2/NDF : 1089854938.5/6

-1.167+/-0.000 χ^2/NDF : 3254353931.7/25

-1.159+/-0.000 χ^2/NDF : 4676123811.4/52

-1.151+/-0.000 χ^2/NDF : 1408014256.0/26

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 60402.0/16

Left Out: 0.010+/-0.000 χ^2/NDF : 39945.3/8

Right Out: 0.011+/-0.000 χ^2/NDF : 155700.3/19

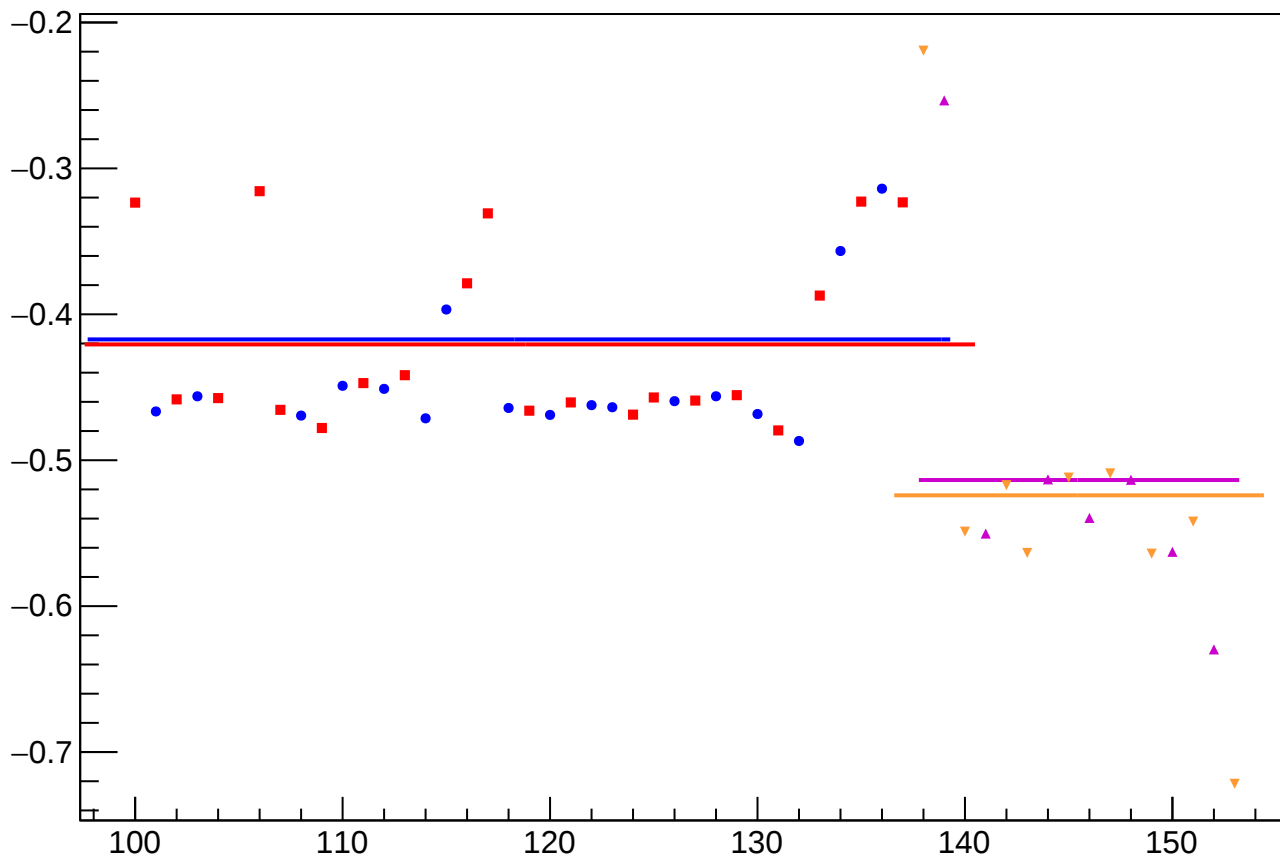
Left In: 0.010+/-0.000 χ^2/NDF : 37177.7/6

0.011+/-0.000 χ^2/NDF : 268194.2/25

0.011+/-0.000 χ^2/NDF : 549502.0/52

0.011+/-0.000 χ^2/NDF : 277444.6/26

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.417+/-0.000 χ^2 /NDF: 2039045143.8/16

Left Out: -0.524+/-0.000 χ^2 /NDF: 8644100254.7/8

Right Out: -0.421+/-0.000 χ^2 /NDF: 1652792044.5/19

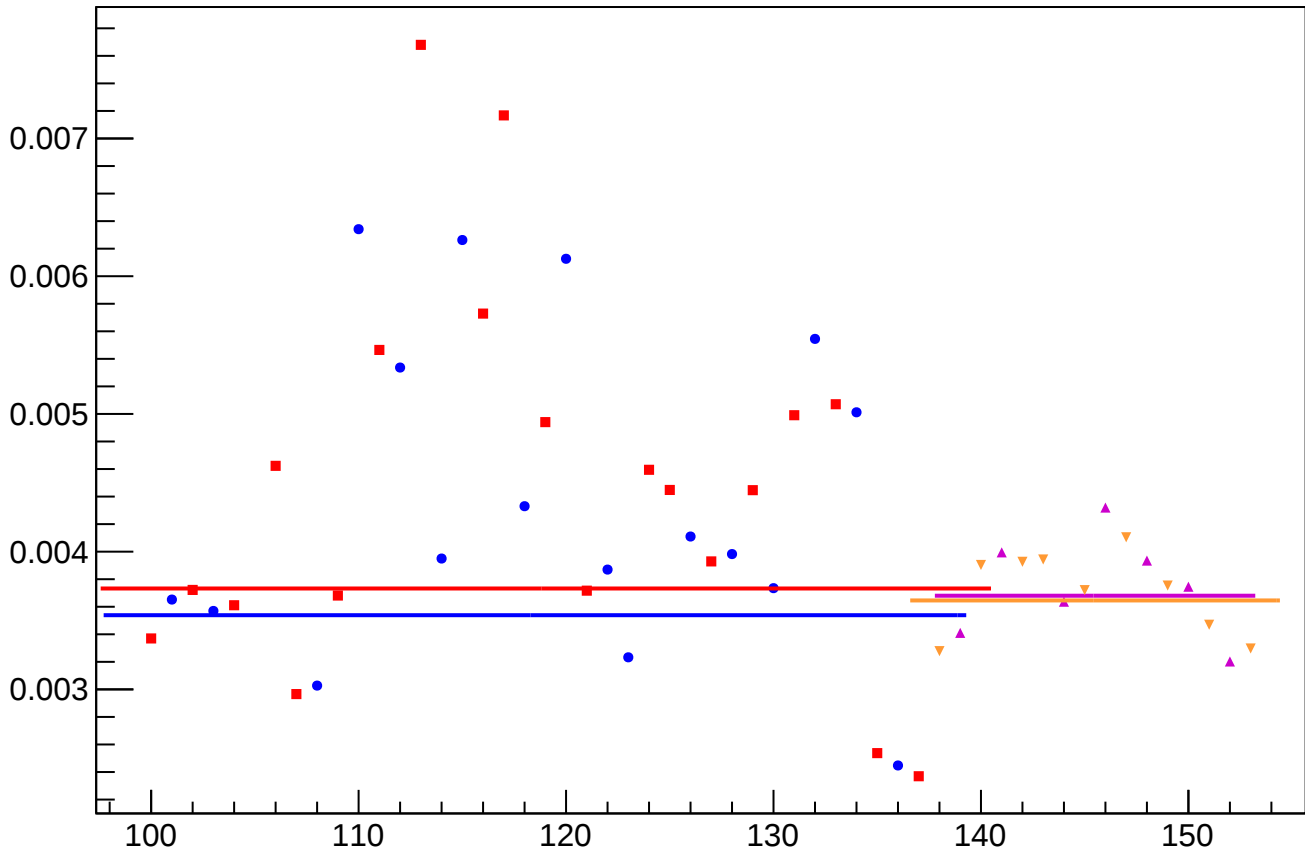
Left In: -0.514+/-0.000 χ^2 /NDF: 4918199963.1/6

-0.471+/-0.000 χ^2 /NDF: 13191074968.3/25

-0.468+/-0.000 χ^2 /NDF: 21496465710.7/5

-0.464+/-0.000 χ^2 /NDF: 8285291525.3/26

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 836154.0/16

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 73822.5/8

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 916963.6/19

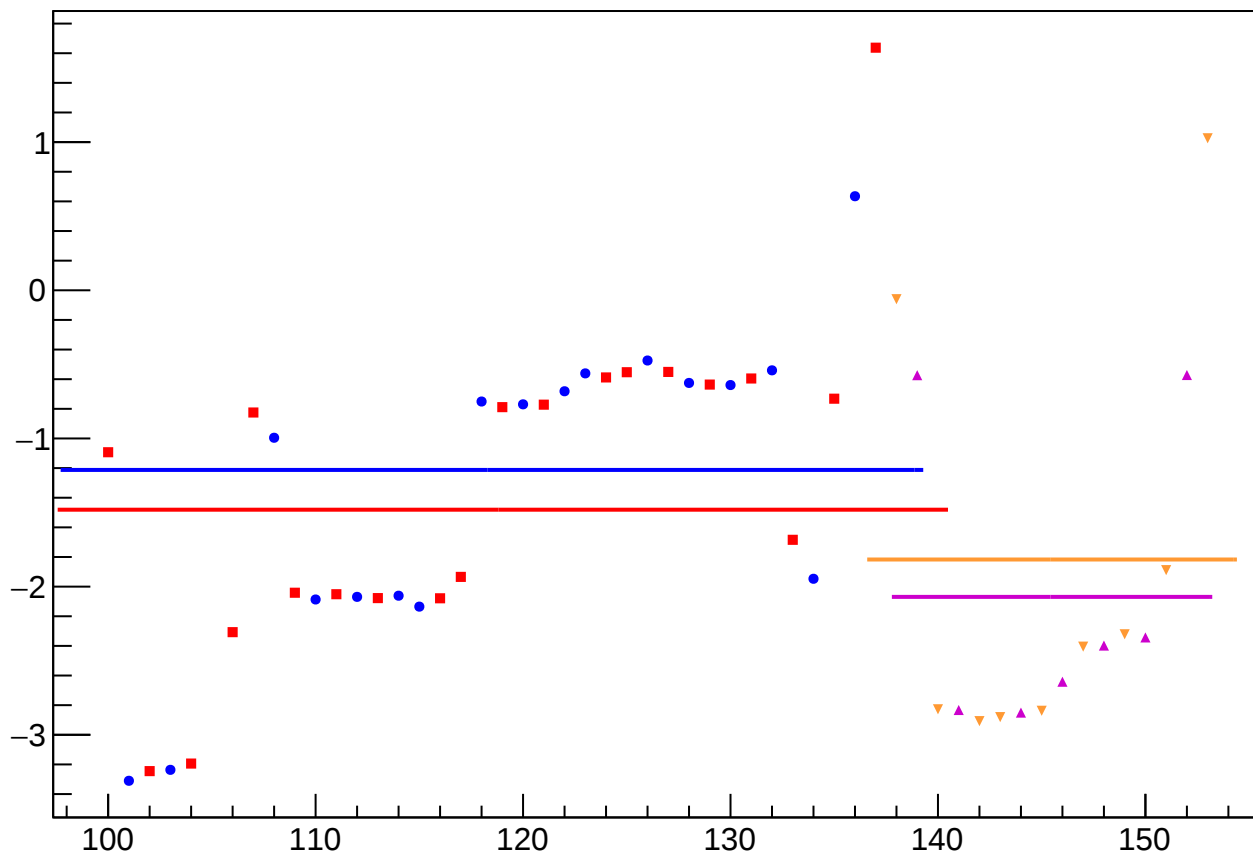
Left In: 0.004 $\pm$ 0.000 χ^2 /NDF: 87561.8/6

0.004 $\pm$ 0.000 χ^2 /NDF: 915017.0/25

0.004 $\pm$ 0.000 χ^2 /NDF: 1931710.1/52

0.004 $\pm$ 0.000 χ^2 /NDF: 1005617.8/26

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.212+/-0.000 χ^2/NDF : 1992853443.9/16

Left Out: -1.817+/-0.000 χ^2/NDF : 2087069652.4/8

Right Out: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

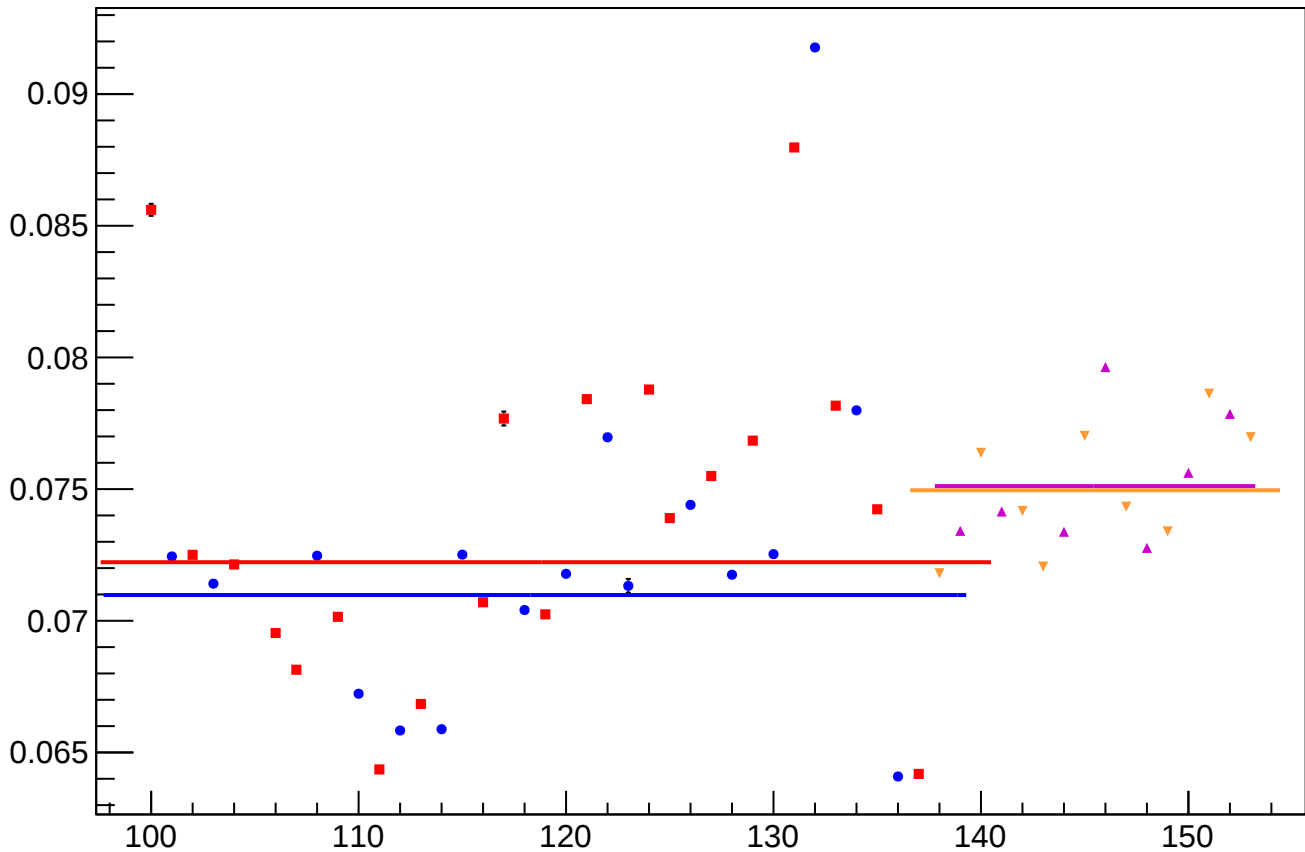
Left In: -2.069+/-0.000 χ^2/NDF : 827679721.9/6

-1.494+/-0.000 χ^2/NDF : 4301870935.3/25

-1.608+/-0.000 χ^2/NDF : 6970291264.1/52

-1.728+/-0.000 χ^2/NDF : 2602980431.6/26

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 77589.5/16

Left Out: 0.075+/-0.000 χ^2/NDF : 11866.6/8

Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

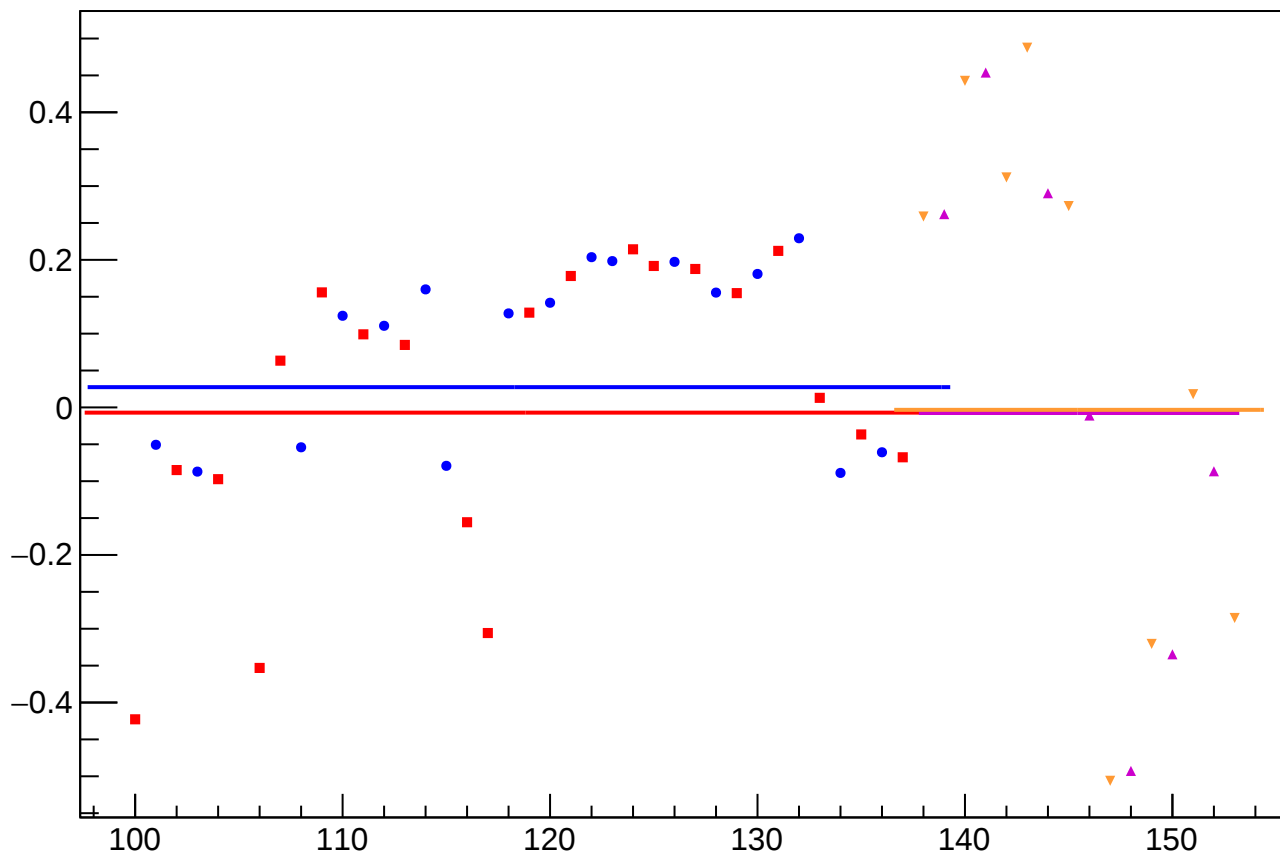
Left In: 0.075+/-0.000 χ^2/NDF : 10420.3/6

0.073+/-0.000 χ^2/NDF : 108678.2/25

0.073+/-0.000 χ^2/NDF : 203074.4/52

0.073+/-0.000 χ^2/NDF : 93511.2/26

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 562337631.4/16

Left Out: -0.003+/-0.000 χ^2/NDF : 10887091059.9/8

Right Out: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

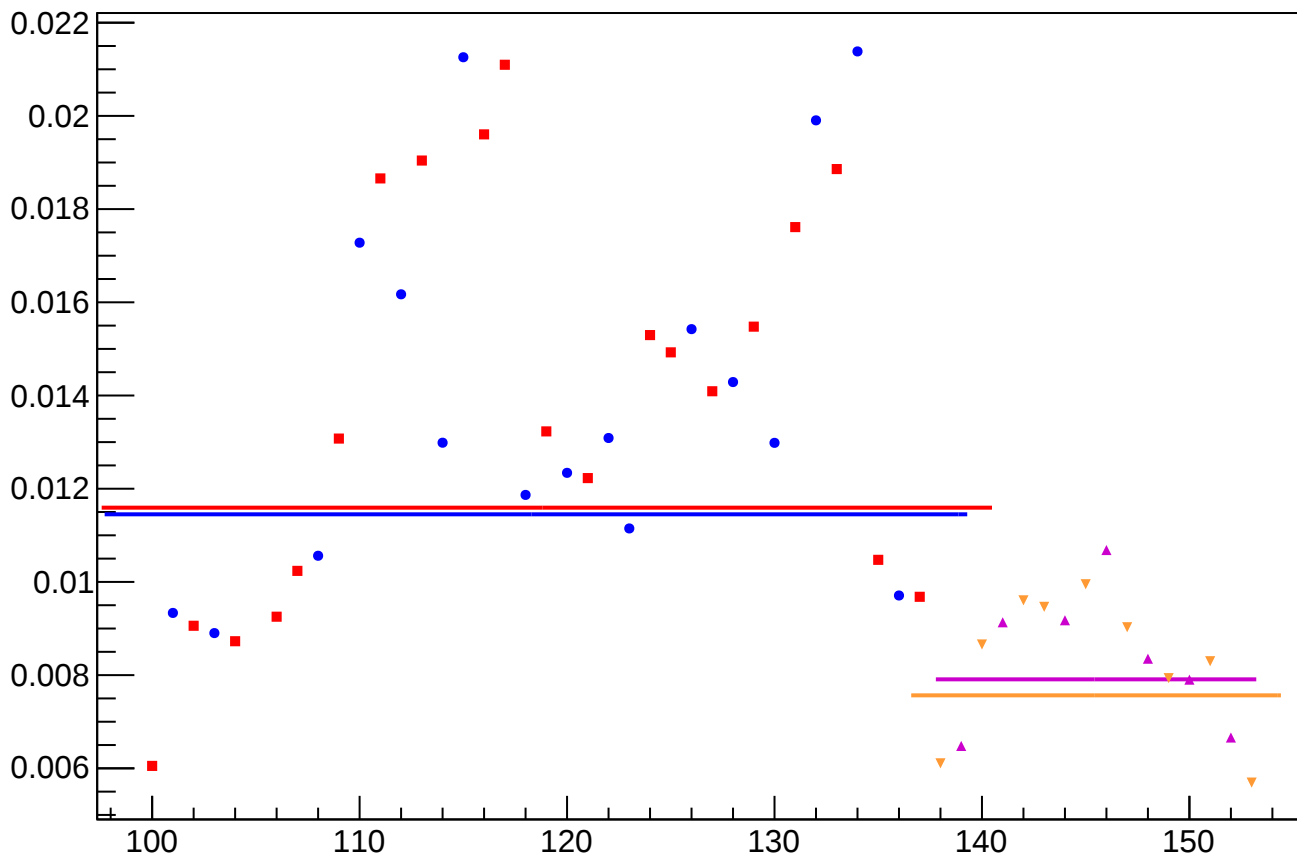
Left In: -0.008+/-0.000 χ^2/NDF : 7890329164.3/6

0.006+/-0.000 χ^2/NDF : 11478278919.0/25

-0.000+/-0.000 χ^2/NDF : 20587748257.5/10

-0.007+/-0.000 χ^2/NDF : 9097339967.6/26

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.008+/-0.000 χ^2/NDF : 479490.0/8

Right Out: 0.012+/-0.000 χ^2/NDF : 1012799.2/19

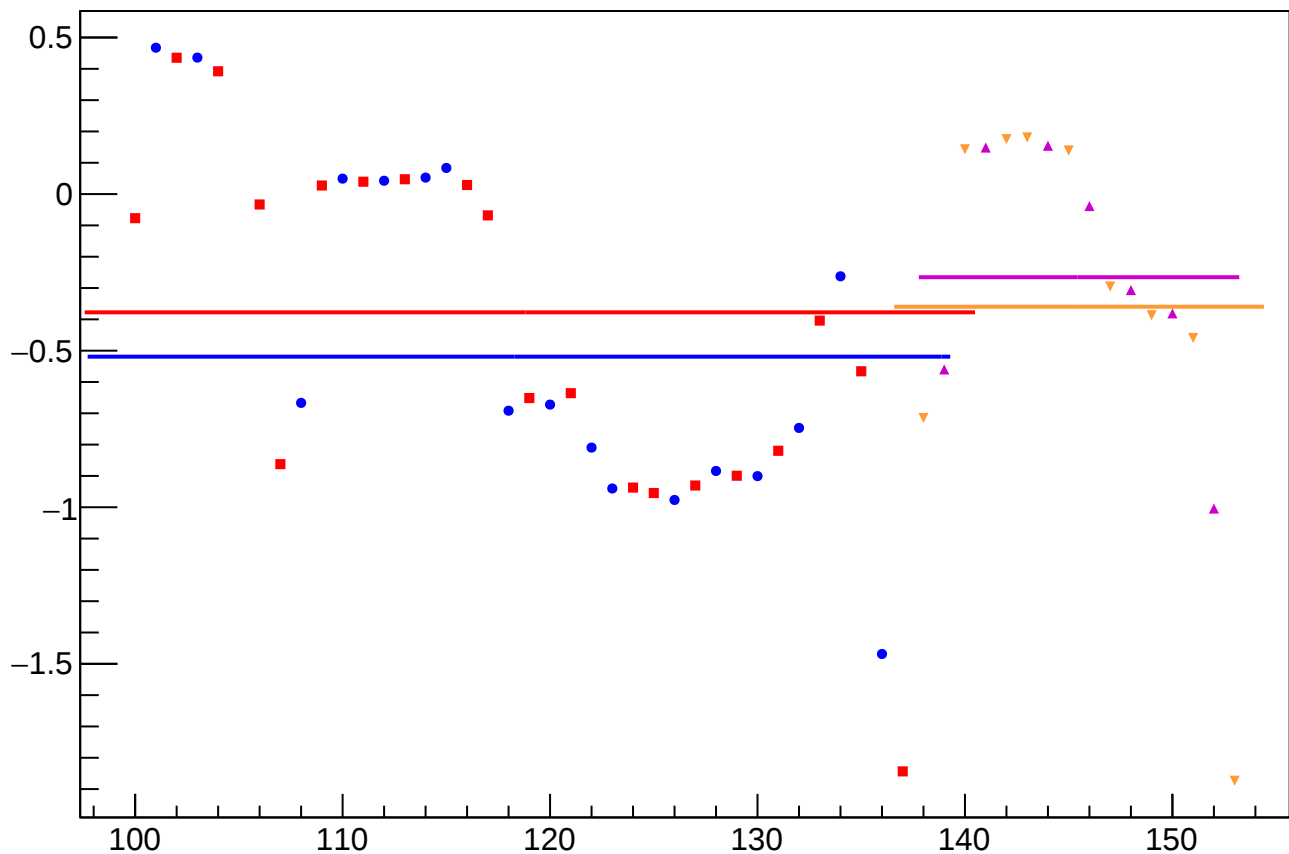
Left In: 0.008+/-0.000 χ^2/NDF : 266188.9/6

0.009+/-0.000 χ^2/NDF : 2079998.5/25

0.009+/-0.000 χ^2/NDF : 4165448.3/52

0.009+/-0.000 χ^2/NDF : 2055731.9/26

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.519 ± 0.000 χ^2/NDF : 339383872.4/16

Left Out: -0.360 ± 0.000 χ^2/NDF : 325663415.7/8

Right Out: -0.378 ± 0.000 χ^2/NDF : 269130827.6/19

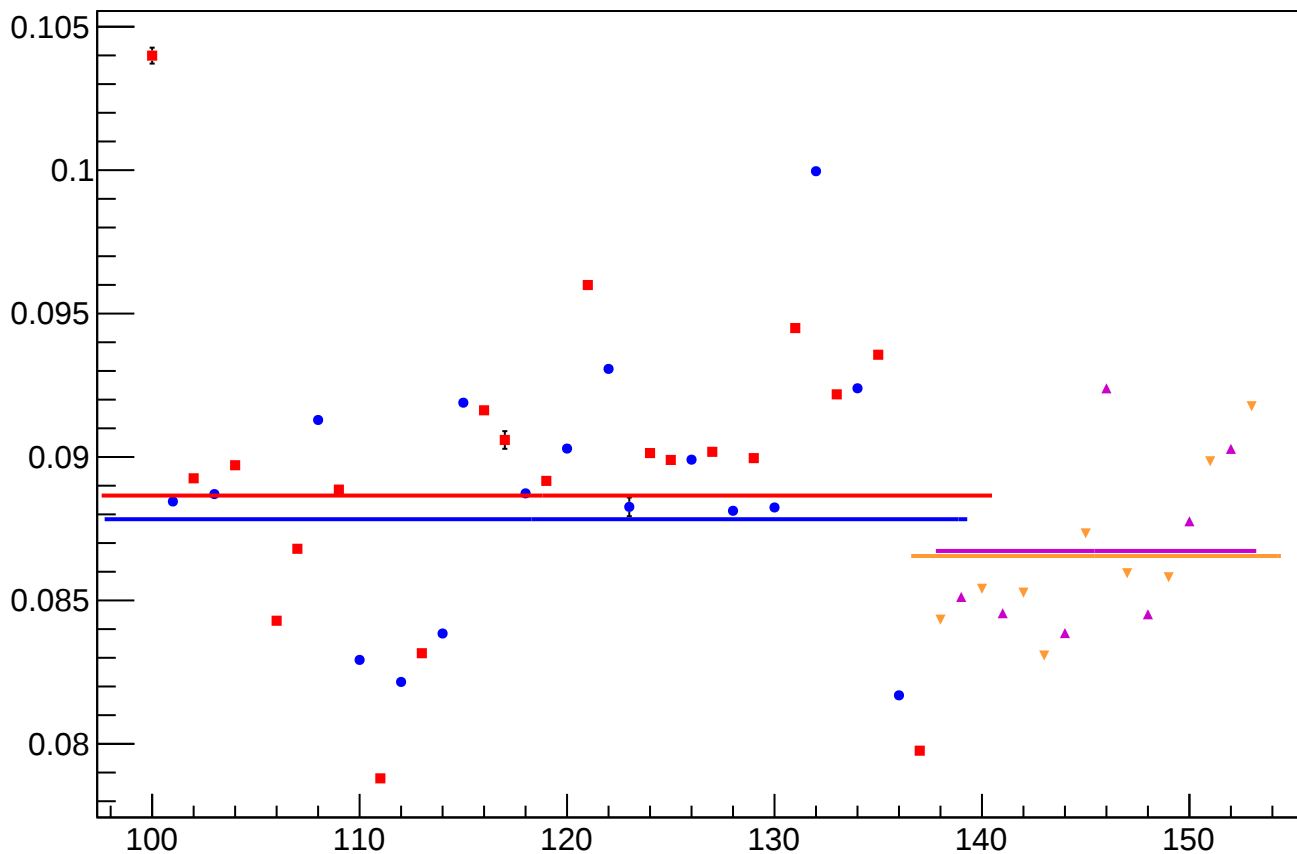
Left In: -0.265 ± 0.000 χ^2/NDF : 110893952.1/6

-0.439 ± 0.000 χ^2/NDF : 676074616.2/25

-0.384 ± 0.000 χ^2/NDF : 1071970225.3/52

-0.327 ± 0.000 χ^2/NDF : 385190521.8/26

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.000 χ^2/NDF : 34954.4/16

Left Out: 0.087 $\pm$ 0.000 χ^2/NDF : 11365.5/8

Right Out: 0.089 $\pm$ 0.000 χ^2/NDF : 39762.8/19

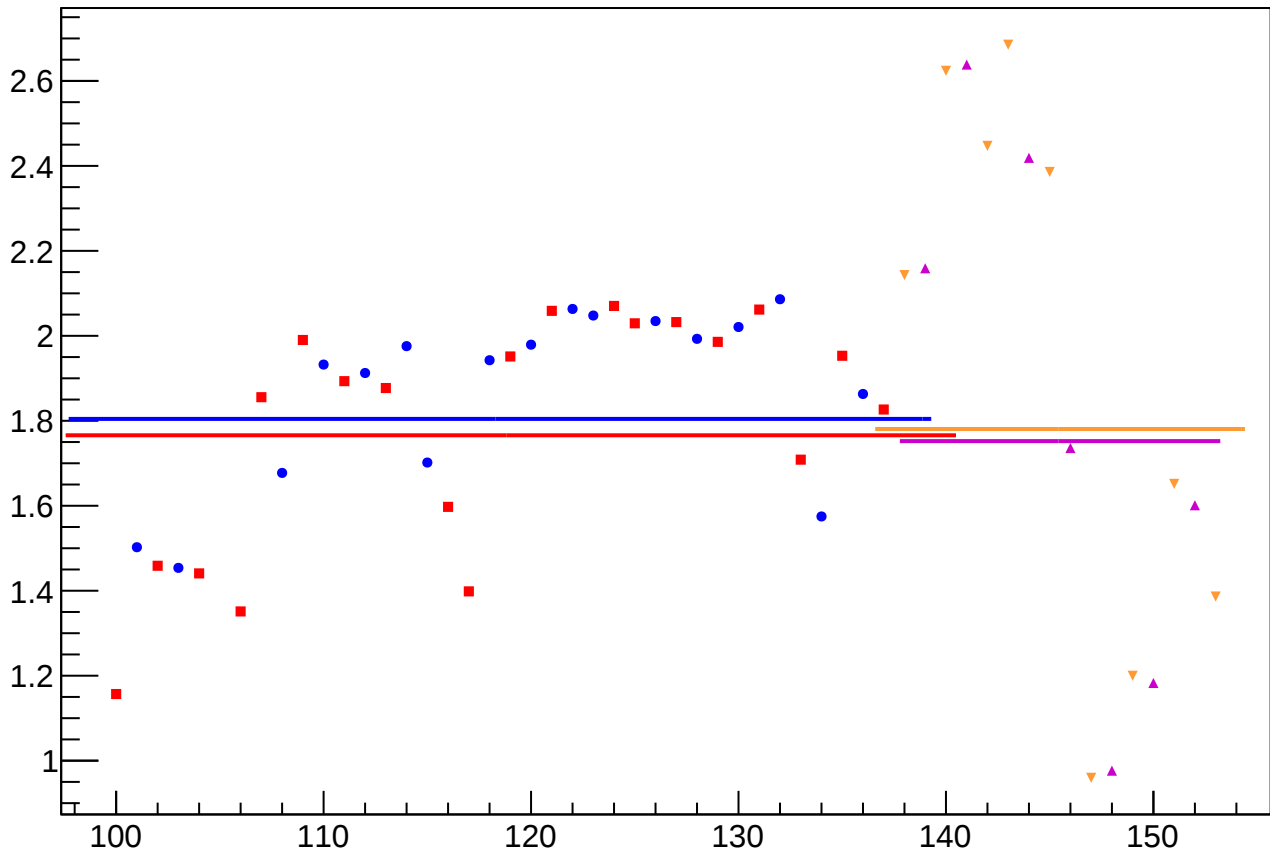
Left In: 0.087 $\pm$ 0.000 χ^2/NDF : 13373.4/6

0.087 $\pm$ 0.000 χ^2/NDF : 47748.9/25

0.087 $\pm$ 0.000 χ^2/NDF : 104546.4/52

0.088 $\pm$ 0.000 χ^2/NDF : 56198.4/26

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.804 ± 0.000 χ^2/NDF : 1156747883.2/16

Left Out: 1.781 ± 0.000 χ^2/NDF : 18288782889.5/8

Right Out: 1.766 ± 0.000 χ^2/NDF : 1717275187.7/19

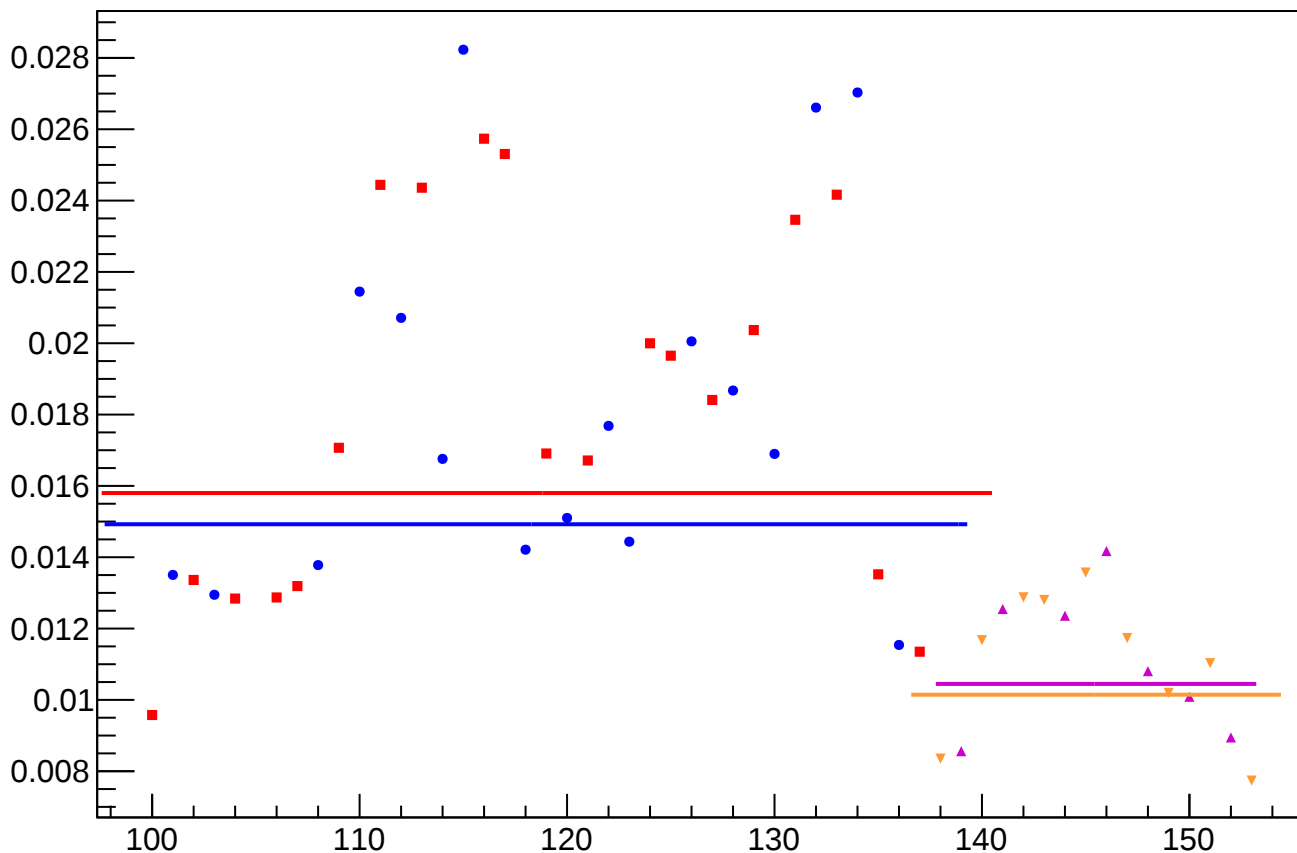
Left In: 1.752 ± 0.000 χ^2/NDF : 14232185059.1/6

1.788 ± 0.000 χ^2/NDF : 19455574933.8/25

1.774 ± 0.000 χ^2/NDF : 35445125282.3/5

1.757 ± 0.000 χ^2/NDF : 15952445372.3/26

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.010+/-0.000 χ^2/NDF : 448703.1/8

Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

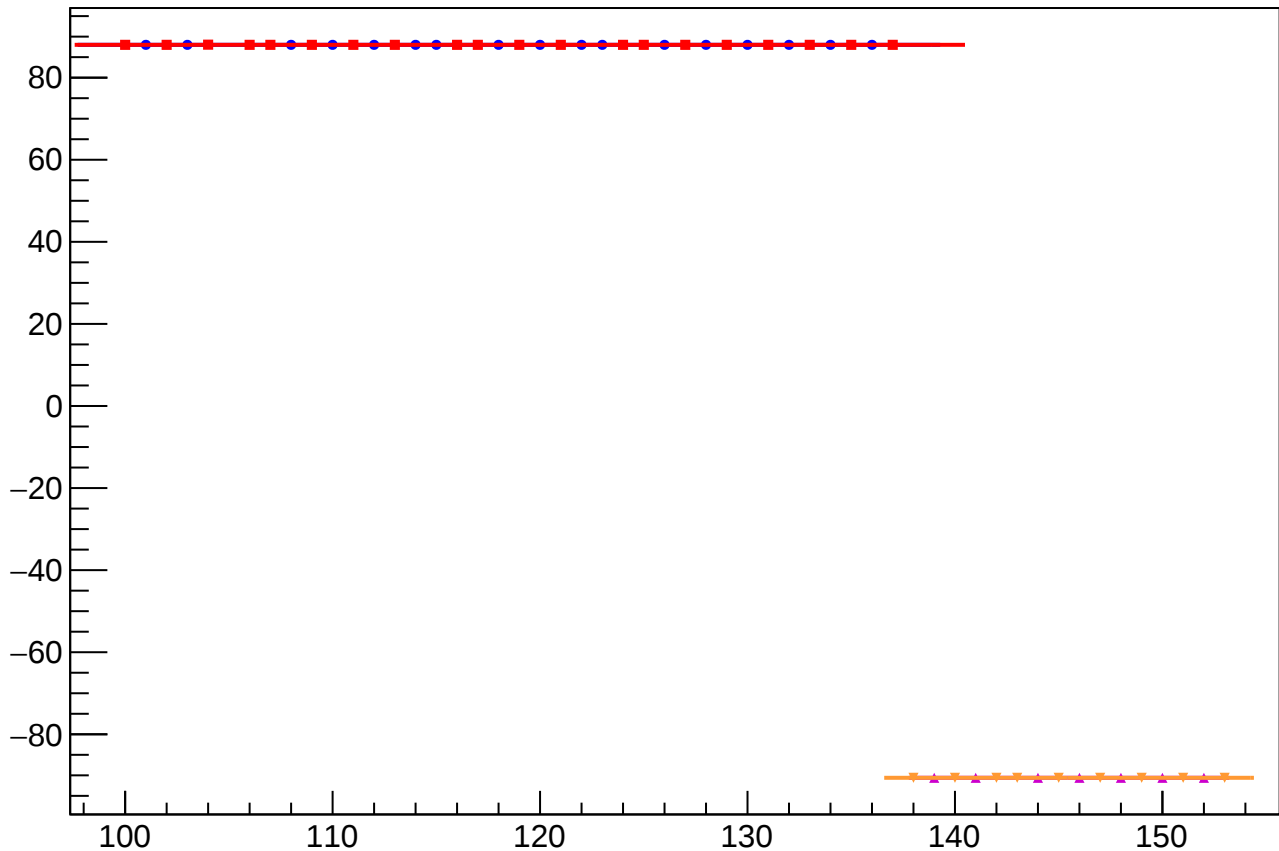
Left In: 0.010+/-0.000 χ^2/NDF : 281896.3/6

0.012+/-0.000 χ^2/NDF : 1903001.6/25

0.012+/-0.000 χ^2/NDF : 3927842.8/52

0.012+/-0.000 χ^2/NDF : 1993254.0/26

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1852068.7/16

Left Out: -90.599+/-0.000 χ^2/NDF : 3329119.2/8

Right Out: 88.004+/-0.000 χ^2/NDF : 77578366411928007427611426816.0/19

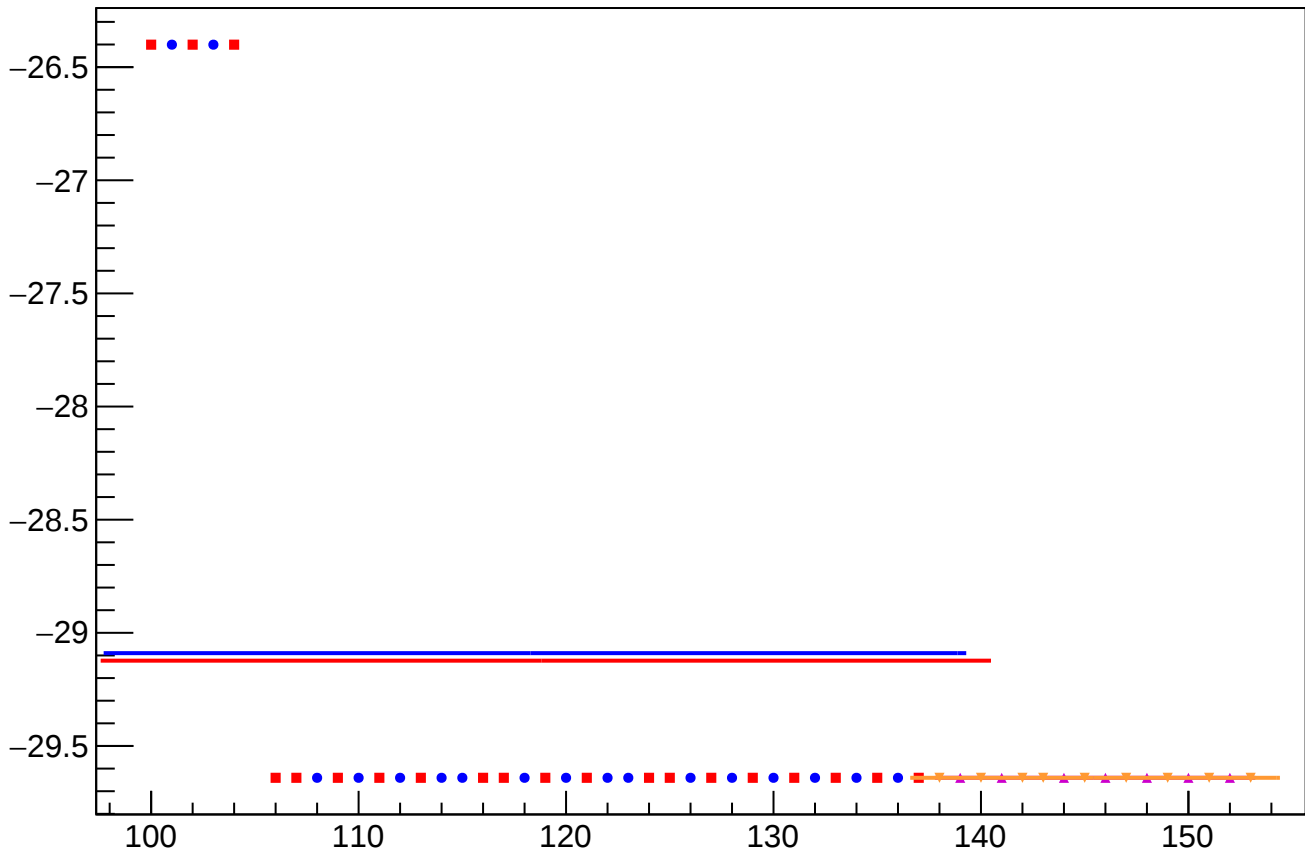
Left In: -90.599+/-0.000 χ^2/NDF : 1128083.7/6

-0.258+/-0.000 χ^2/NDF : 109395123285131083

3.821+/-0.000 χ^2/NDF : 21349416877201

8.081+/-0.000 χ^2/NDF : 1036323419014011983

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 : 173549.4/8

Right Out: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19

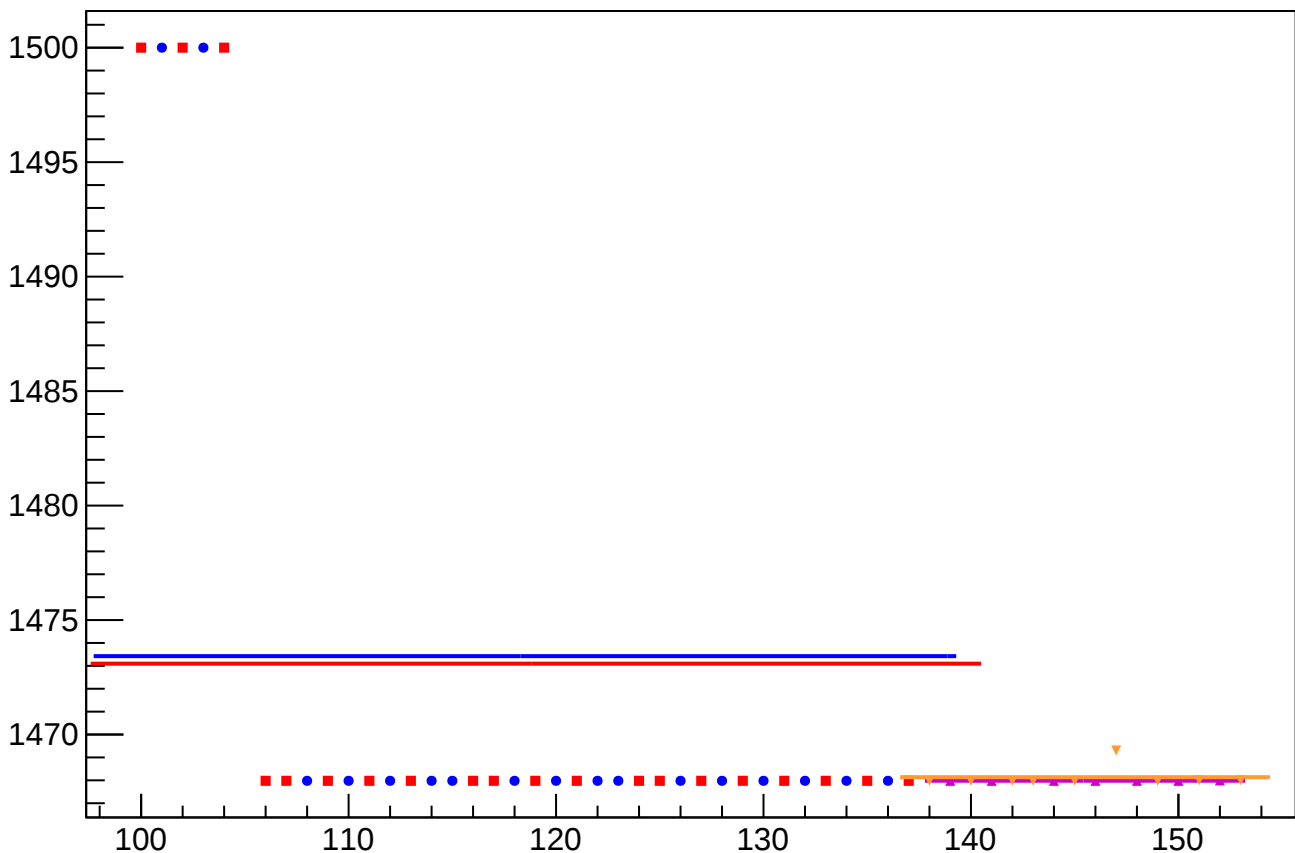
Left In: -29.641+/-0.000 χ^2/NDF : 33170.0/6

-29.362+/-0.000 χ^2/NDF : 11321799323615103

-29.358+/-0.000 χ^2/NDF : 224243743737

-29.355+/-0.000 χ^2/NDF : 11102210630136850

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 1468.136+/-0.000 χ^2/NDF : 119739923012315356179308465881088.0/8

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

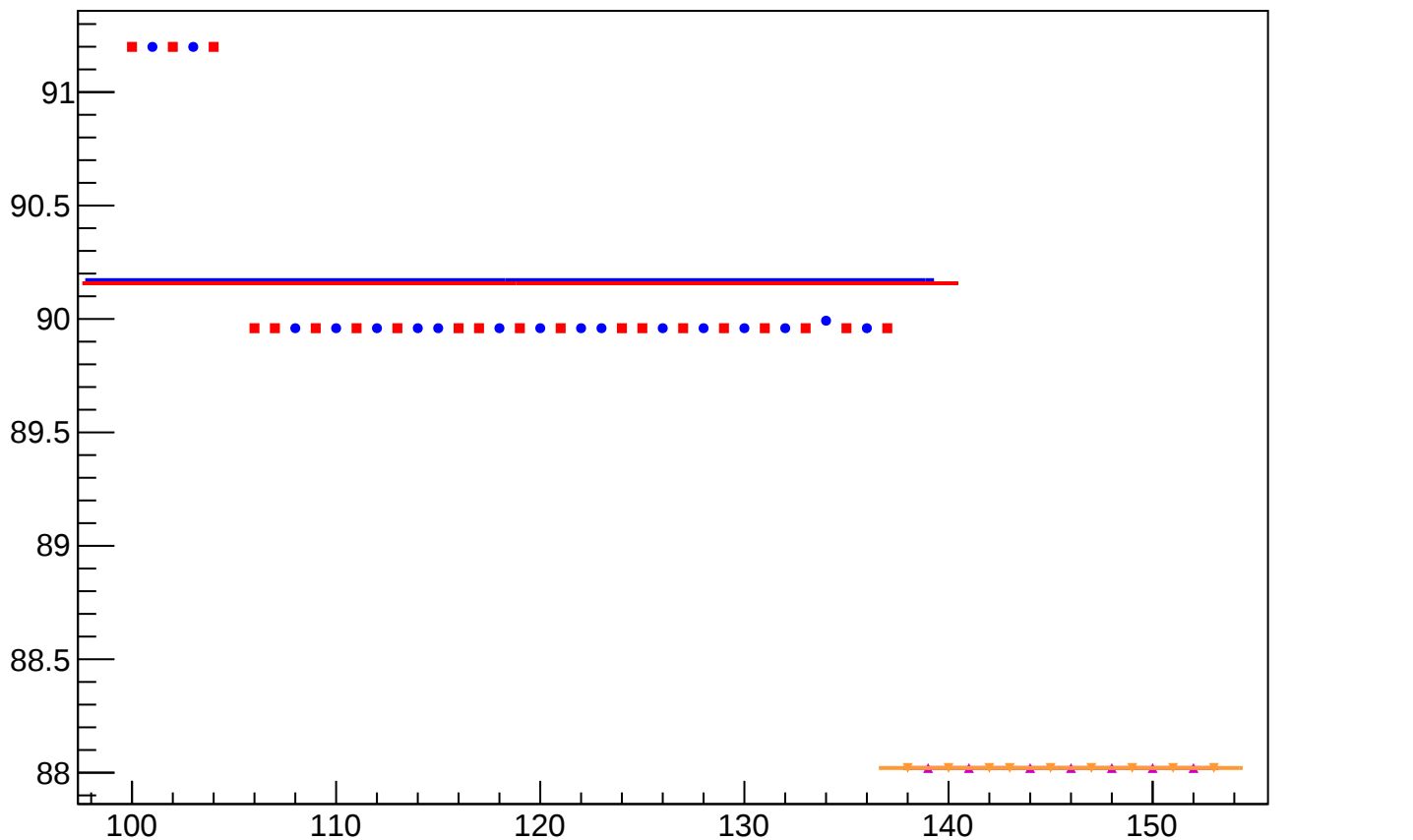
Left In: 1467.982+/-0.000 χ^2/NDF : 29651020398863189254275596288.0/6

1470.811+/-0.000 χ^2/NDF : 1101298227480479

1470.809+/-0.000 χ^2/NDF : 21856270572

1470.807+/-0.000 χ^2/NDF : 1084328752947394

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 : 2892506.8/8

Right Out: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

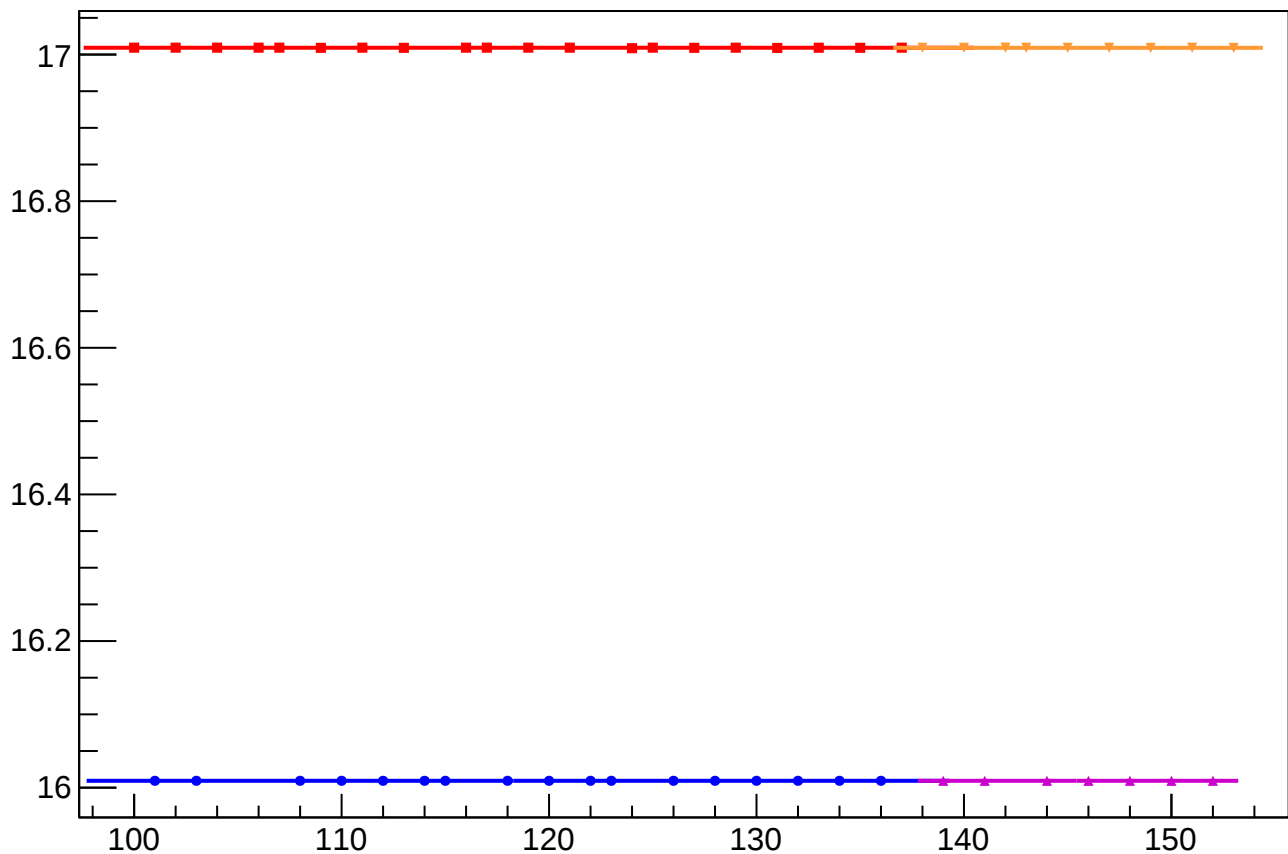
Left In: 88.021+/-0.000 χ^2/NDF : 1220172.2/6

89.108+/-0.000 χ^2/NDF : 173625226757124934

89.154+/-0.000 χ^2/NDF : 3375145355592

89.201+/-0.000 χ^2/NDF : 16331118450060444

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: 7659814170693219924312064.0/8

Right Out: 17.009+/-0.000 χ^2 /NDF: 12548783366686740957888512.0/19

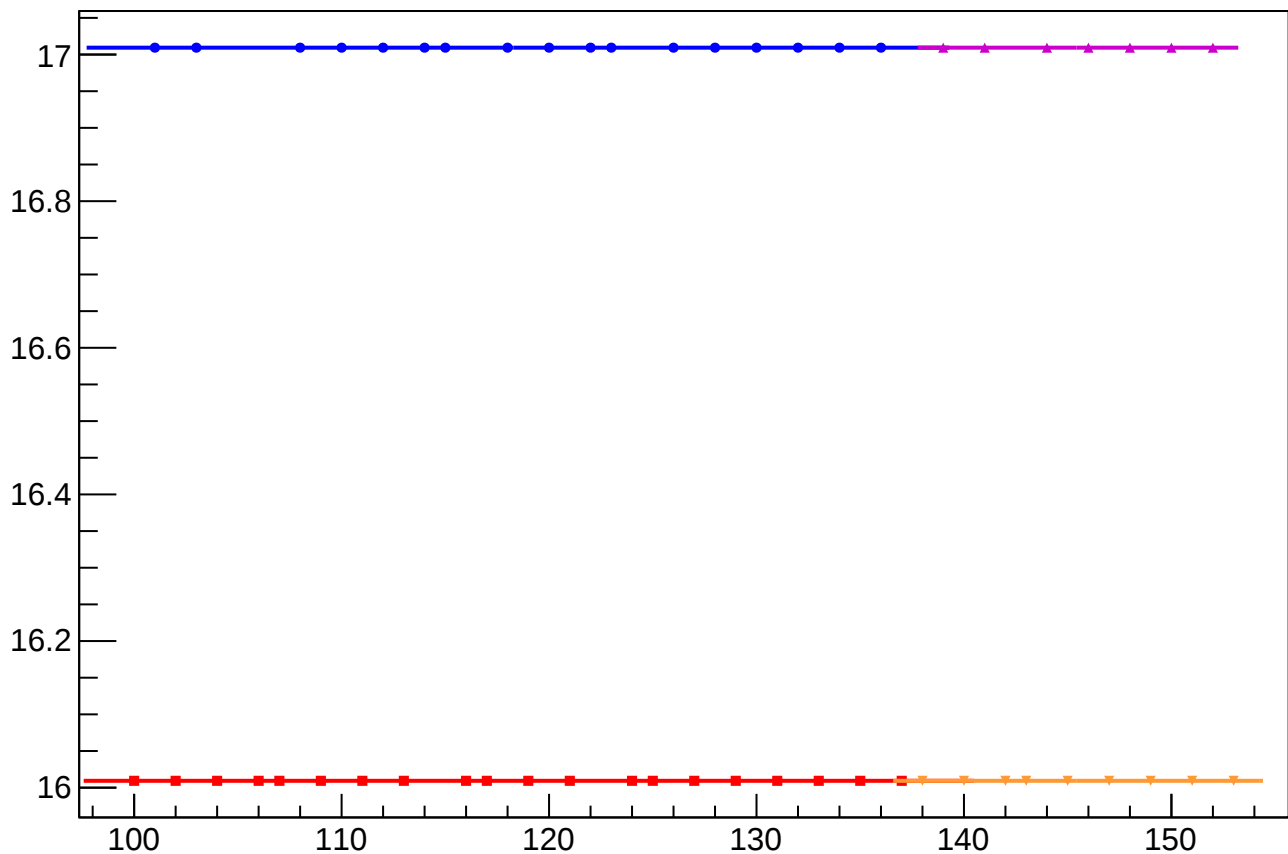
Left In: 16.009+/-0.000 χ^2 /NDF: 33952.6/6

16.490+/-0.000 χ^2 /NDF: 318431875720654907

16.521+/-0.000 χ^2 /NDF: 6215169153346

16.552+/-0.000 χ^2 /NDF: 300714711779962105

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 132629.6/16

Left Out: 16.009+/-0.000 χ^2/NDF : 26922.2/8

Right Out: 16.009+/-0.000 χ^2/NDF : 42750.0/19

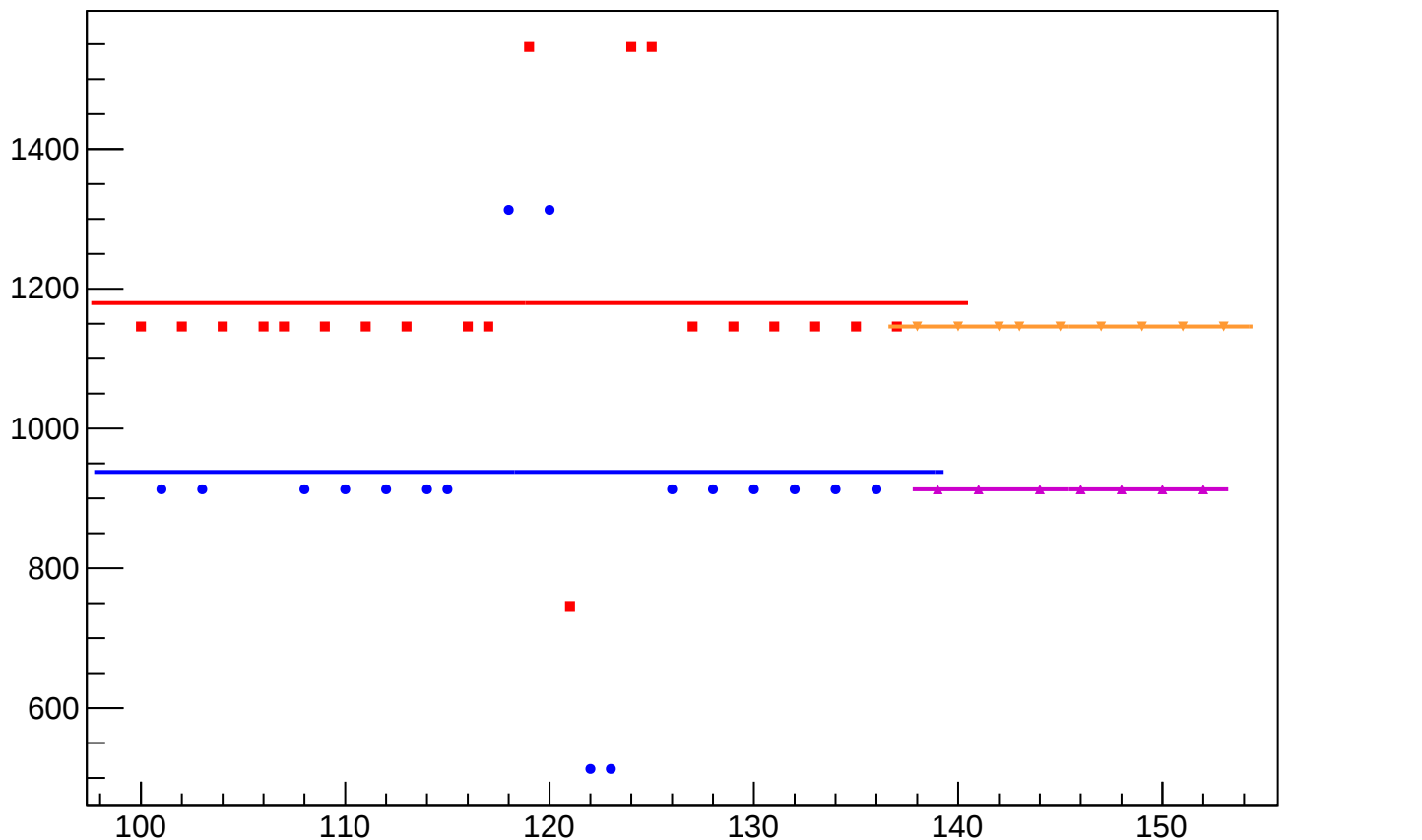
Left In: 17.009+/-0.000 χ^2/NDF : 15411.2/6

16.506+/-0.000 χ^2/NDF : 332987987987983053

16.483+/-0.000 χ^2/NDF : 6579196665403

16.459+/-0.000 χ^2/NDF : 323467482784975092

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



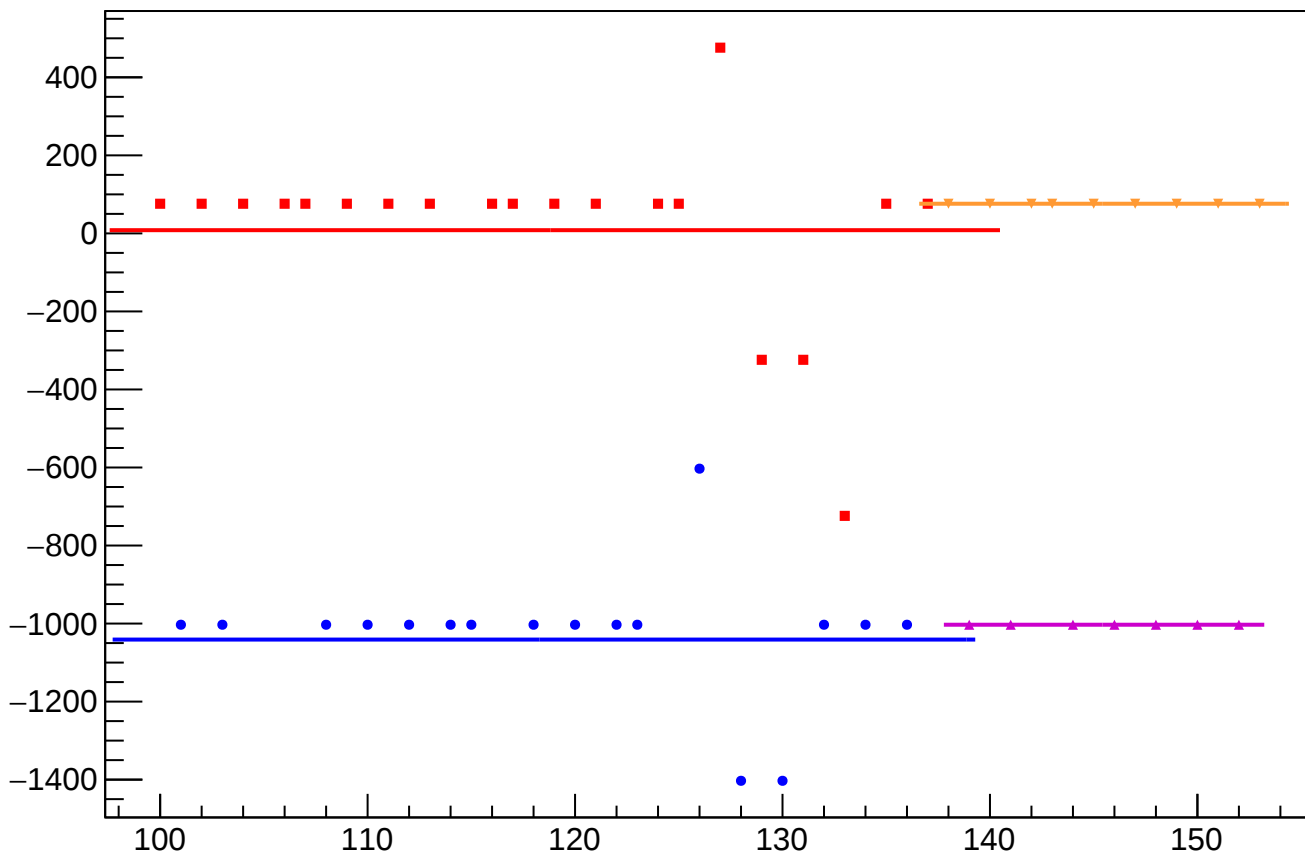
Right In: 937.779 $\pm$ 0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 1146.011 $\pm$ 0.000 χ^2/NDF : 2127611598620888134355779584.0/8

Right Out: 1179.619 $\pm$ 0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

Left In: 912.993 $\pm$ 0.000 χ^2/NDF : 9474153942777967749009244160.0/6

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1041.030+/-0.000 χ^2/NDF : 22675401109943882512554797113855180800.0/16

Left Out: 76.010+/-0.000 χ^2/NDF : 2872007732310765958147866624.0/8

Right Out: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

Left In: -1002.990+/-0.000 χ^2/NDF : 973748709433668268118245376.0/6