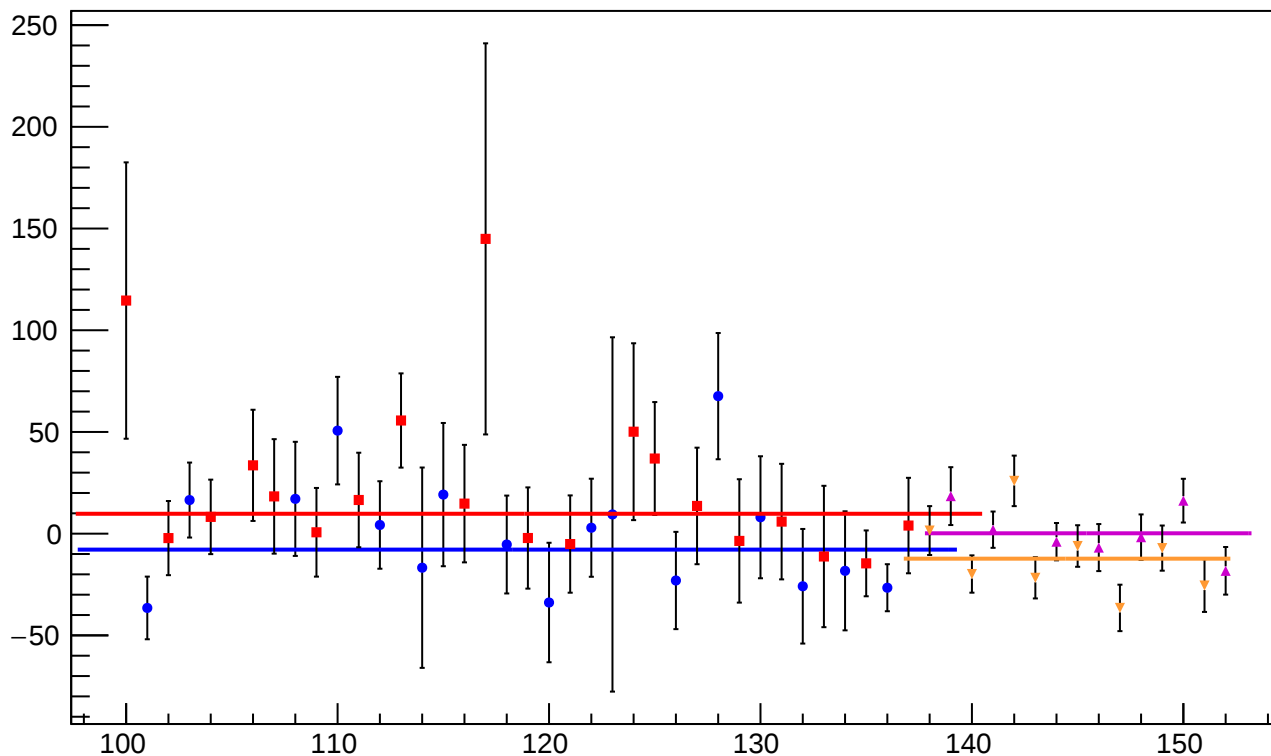


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.841 $\pm$ 5.608

χ^2/NDF : 22.6/16

Left Out: -12.293 $\pm$ 3.883

χ^2/NDF : 18.5/7

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

-10.850 $\pm$ -3.193

χ^2/NDF : 41.5/24

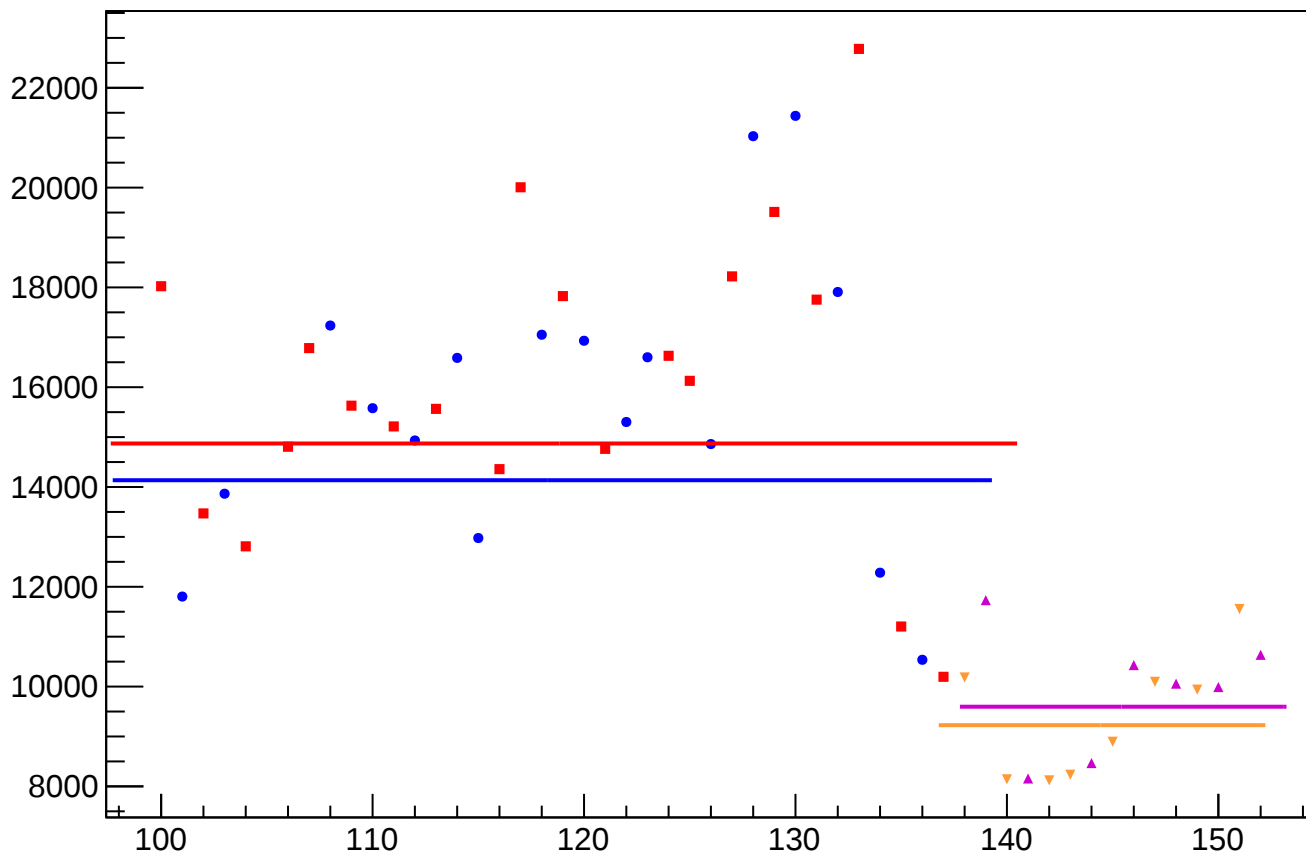
-3.940 $\pm$ -2.294

χ^2/NDF : 75.3/51

3.435 $\pm$ -3.298

χ^2/NDF : 24.1/26

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14135.800 $\pm$ 3.966 χ^2 /NDF: 597179.4/16

Left Out: 9226.469 $\pm$ 2.746 χ^2 /NDF:161977.7/7

Right Out: 14871.940 $\pm$ 4.007 χ^2 /NDF: 477742.9/19

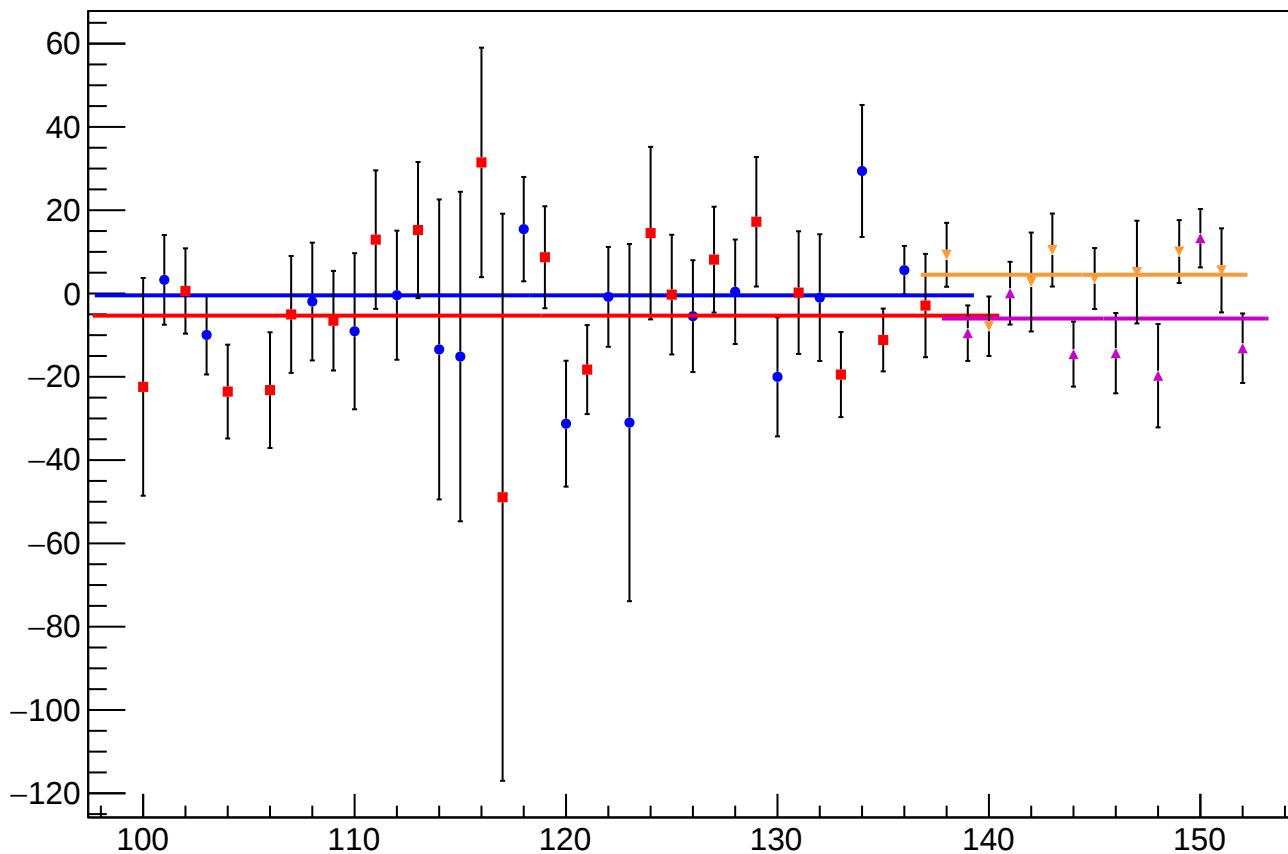
Left In: 9596.523 $\pm$ 2.868 χ^2 /NDF:159696.0/6

10817.292 $\pm$ 2.257 χ^2 /NDF: 1795085.9/24

11090.996 $\pm$ 1.622 χ^2 /NDF: 3608979.8/5

11383.101 $\pm$ 2.332 χ^2 /NDF: 1783504.9/26

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -0.441 $\pm$ 3.071 χ^2/NDF : 14.5/16

Left Out: 4.498 $\pm$ 3.025 χ^2/NDF : 4.4/7

Right Out: -5.310 $\pm$ 2.933 χ^2/NDF : 19.8/19

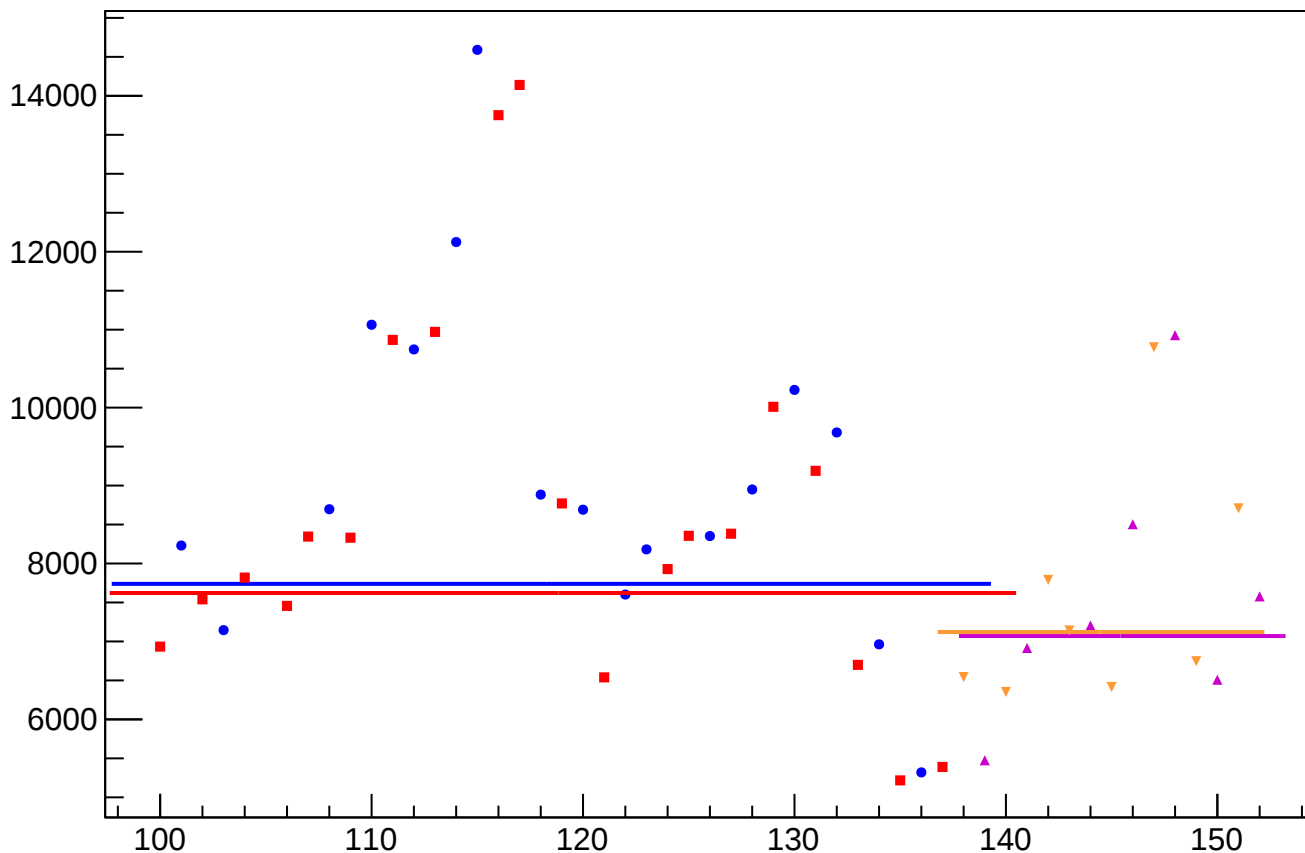
Left In: -6.011 $\pm$ 3.036 χ^2/NDF : 12.4/6

2.066 $\pm$ 2.155 χ^2/NDF : 20.3/24

-1.873 $\pm$ 1.507 χ^2/NDF : 59.0/51

-5.649 $\pm$ 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: 7121.078 $\pm$ 2.139 χ^2/NDF : 289504.7/7

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

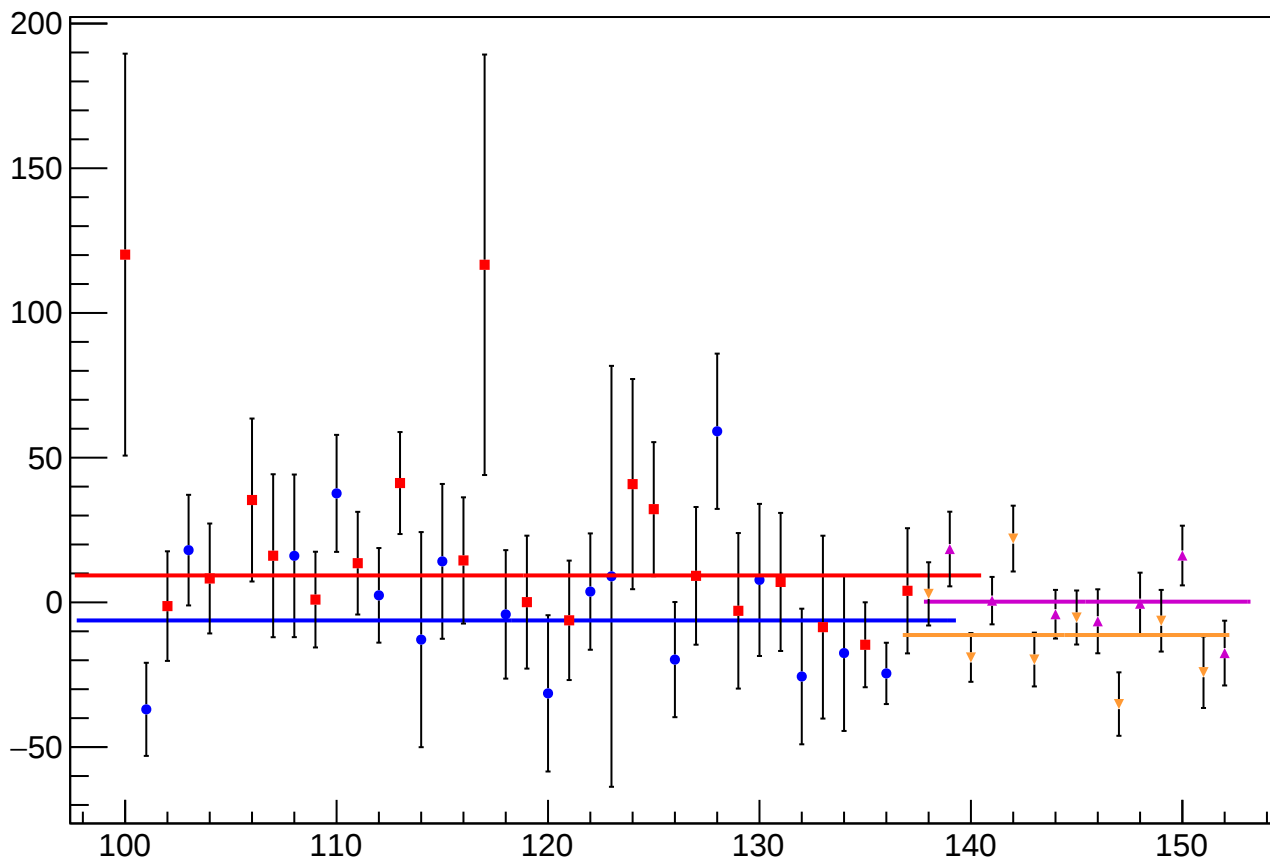
Left In: 7069.137 $\pm$ 2.147 χ^2/NDF : 373877.5/6

7425.266 $\pm$ 1.524 χ^2/NDF : 1071429.5/24

7389.354 $\pm$ 1.066 χ^2/NDF : 2178201.6/51

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

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -6.244 $\pm$ 5.017 χ^2/NDF : 23.2/16

Left Out: -11.278 $\pm$ 3.606 χ^2/NDF : 18.4/7

Right Out: 9.310 $\pm$ 4.987 χ^2/NDF : 15.3/19

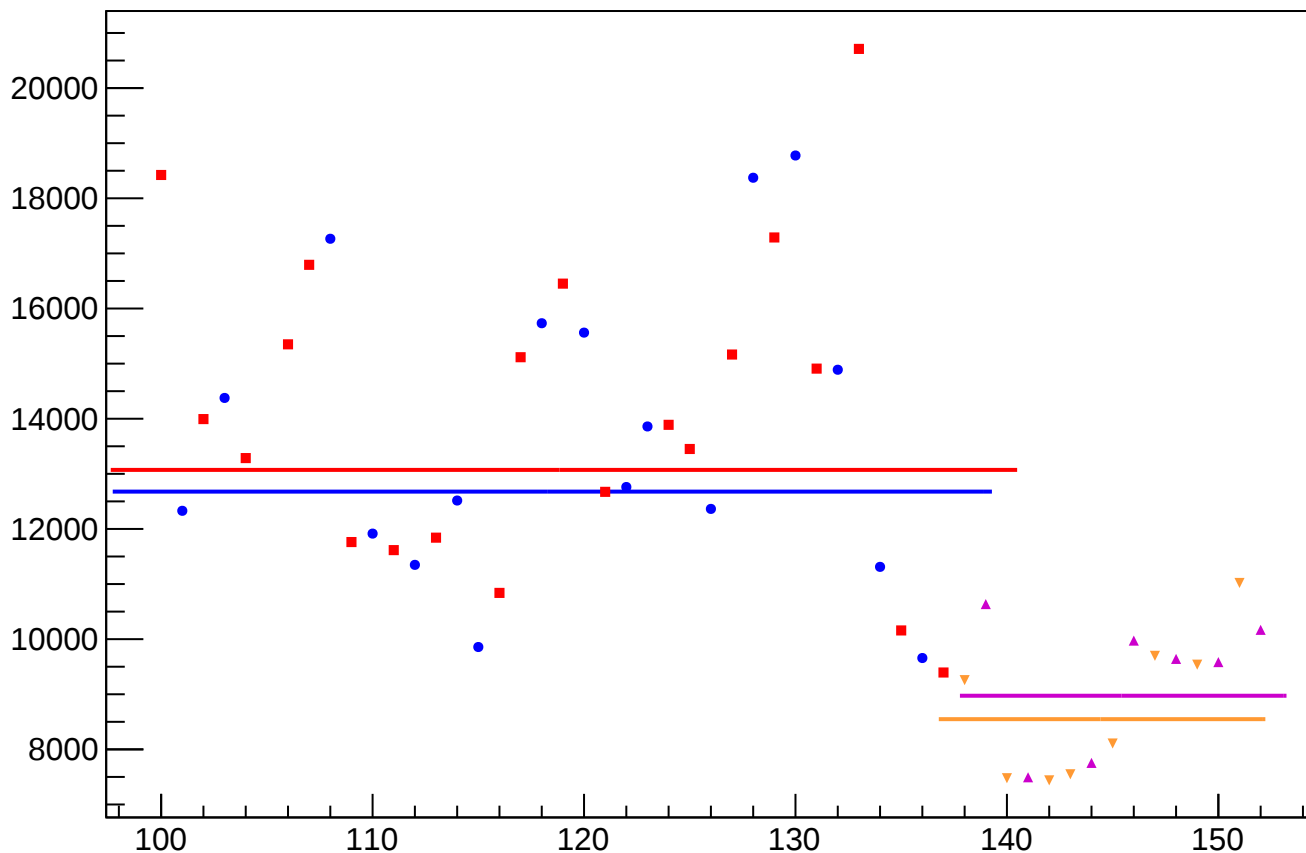
Left In: 0.240 $\pm$ 3.798 χ^2/NDF : 7.5/6

-9.564 $\pm$ 2.928 χ^2/NDF : 42.3/24

-3.204 $\pm$ 2.103 χ^2/NDF : 77.0/51

3.569 $\pm$ 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: 8548.294 $\pm$ 2.550 χ^2/NDF : 206432.6/7

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

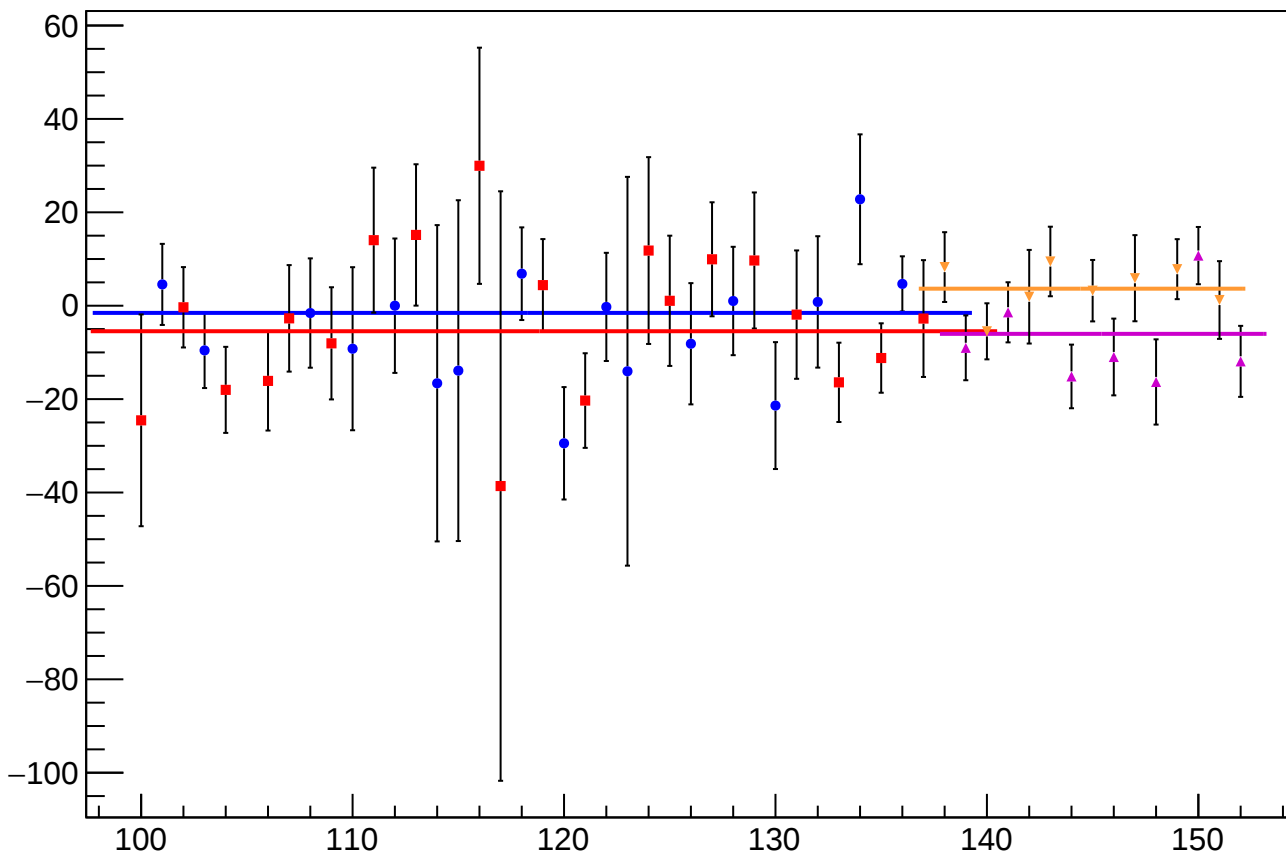
Left In: 8973.377 $\pm$ 2.685 χ^2/NDF : 194544.4/6

9954.496 $\pm$ 2.070 χ^2/NDF : 1653344.2/24

10207.768 $\pm$ 1.487 χ^2/NDF : 3232540.4/5

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: 3.648 ± 2.606 χ^2/NDF : 3.9/7

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

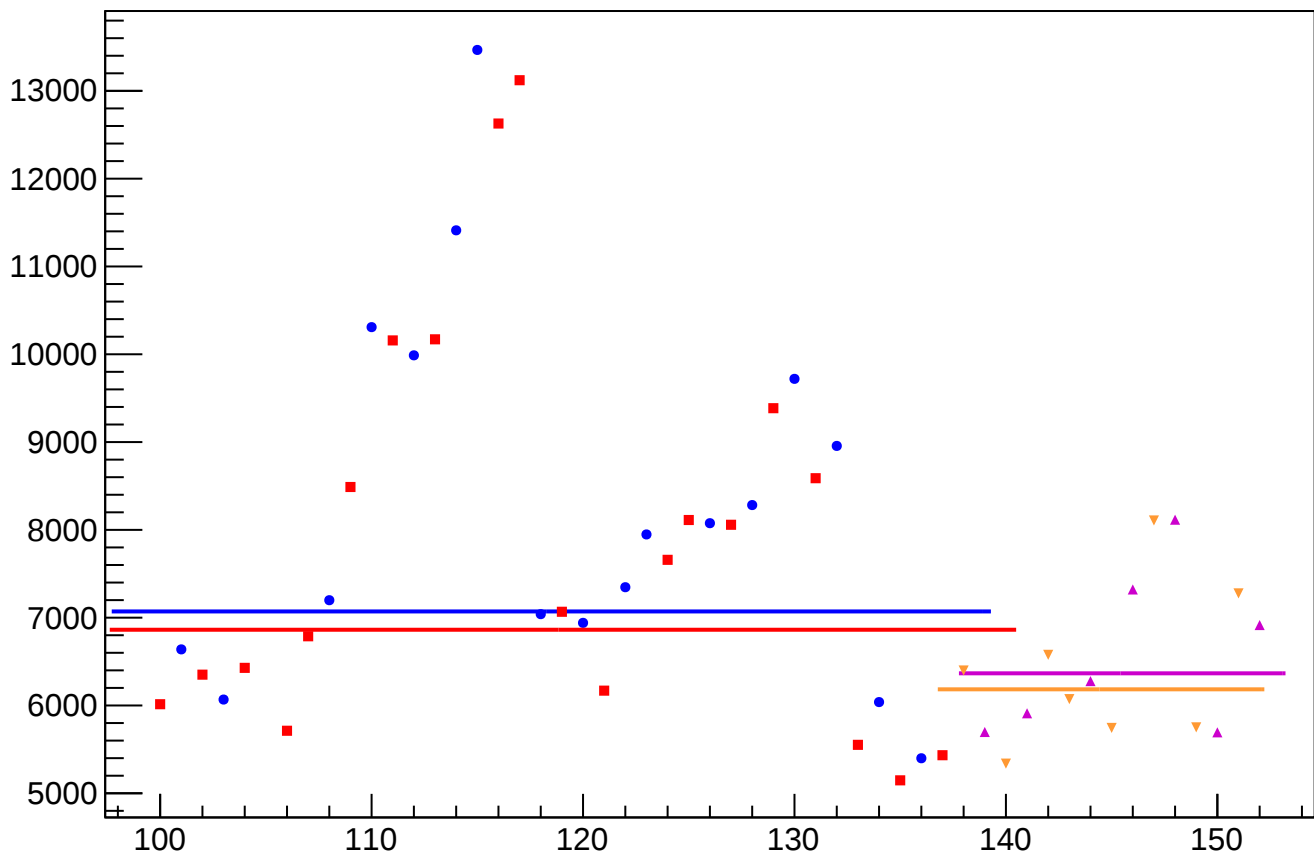
Left In: -6.026 ± 2.700 χ^2/NDF : 12.2/6

1.232 ± 1.905 χ^2/NDF : 20.6/24

-2.286 ± 1.340 χ^2/NDF : 58.4/51

-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: 6183.943+/-1.843 χ^2/NDF : 184440.6/7

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

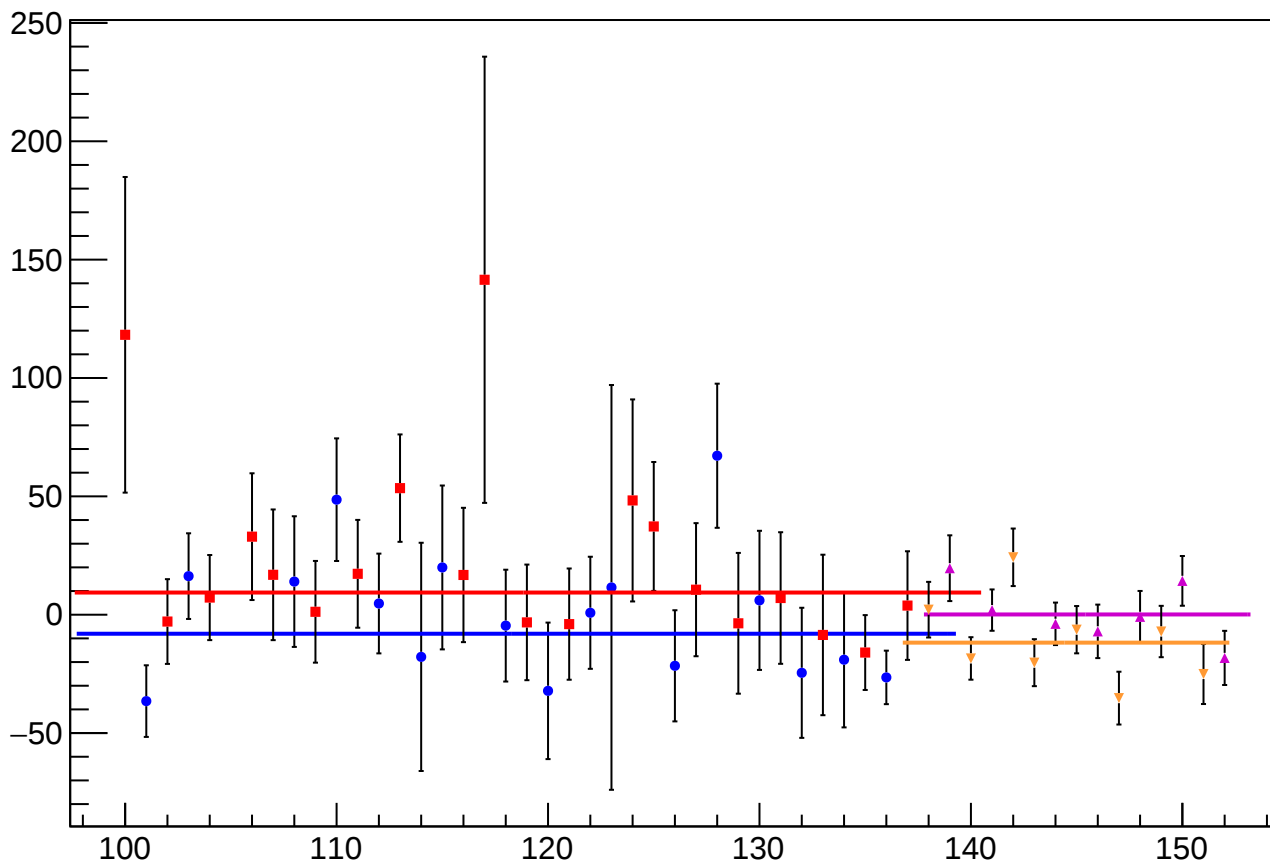
Left In: 6366.291+/-1.909 χ^2/NDF : 163896.1/6

6597.288+/-1.347 χ^2/NDF : 893140.9/24

6608.884+/-0.948 χ^2/NDF : 1795857.0/51

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: -11.797 $\pm$ 3.797 χ^2/NDF : 17.5/7

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

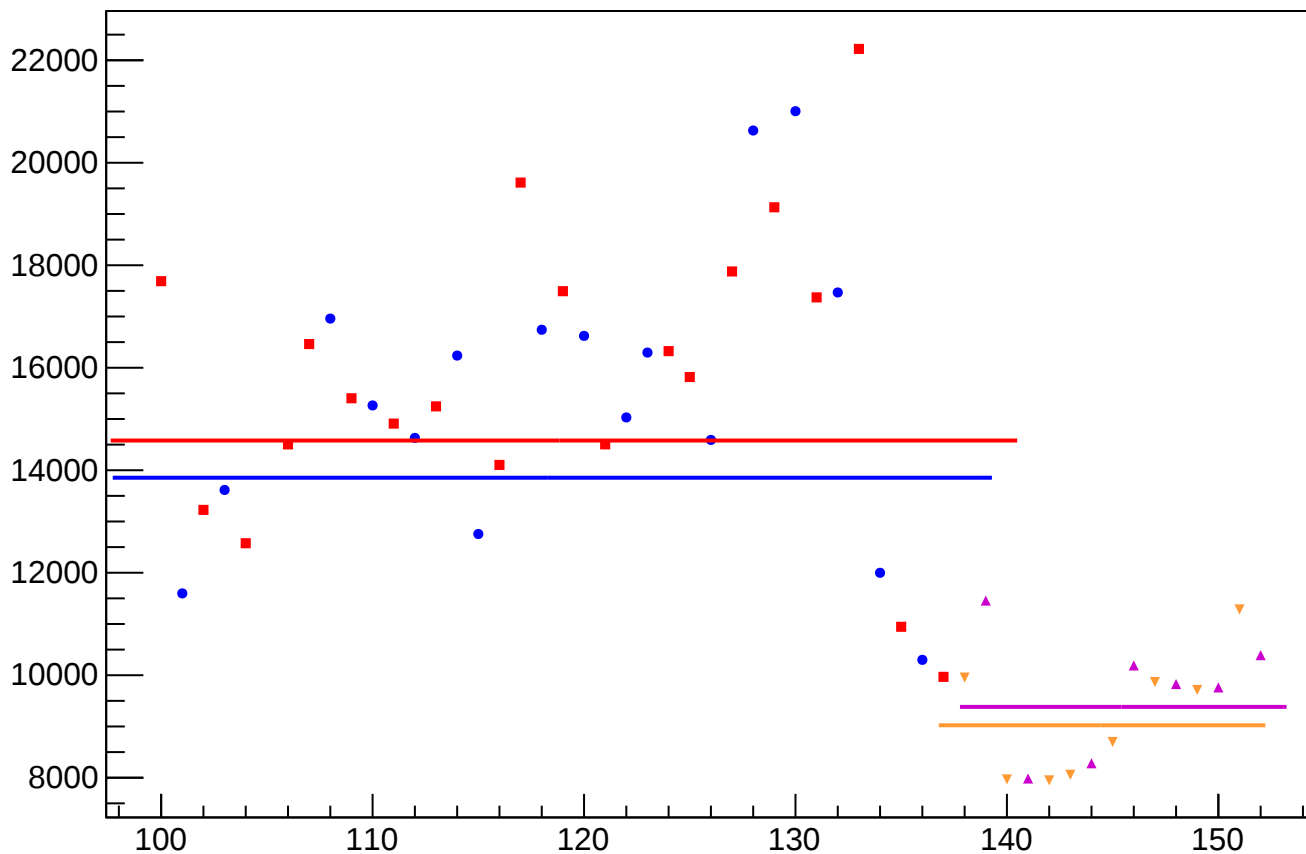
Left In: 0.111 $\pm$ 3.964 χ^2/NDF : 7.0/6

-10.582 $\pm$ 3.124 χ^2/NDF : 40.4/24

-3.899 $\pm$ 2.245 χ^2/NDF : 74.4/51

3.233 $\pm$ 3.227 χ^2/NDF : 24.5/26

diff_bpm4acX_rms vs Slug, Sign Corrected



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

Left Out: 9023.293+/-2.685 χ^2/NDF :160143.3/7

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

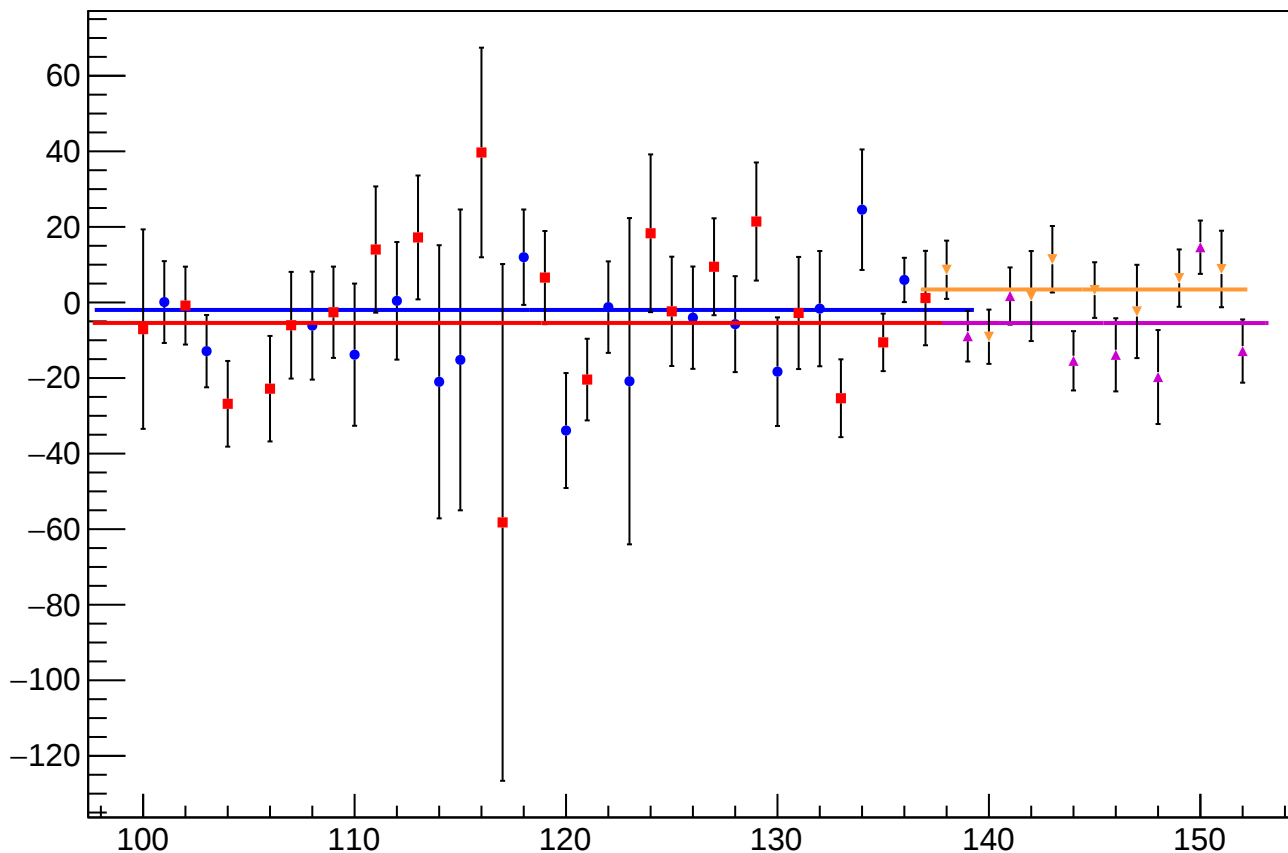
Left In: 9382.197+/-2.803 χ^2/NDF :157681.2/6

10583.532+/-2.209 χ^2/NDF : 1806740.0/24

10850.595+/-1.587 χ^2/NDF : 3634314.1/5

11135.567+/-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: 3.442 $\pm$ 3.039 χ^2/NDF : 5.0/7

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

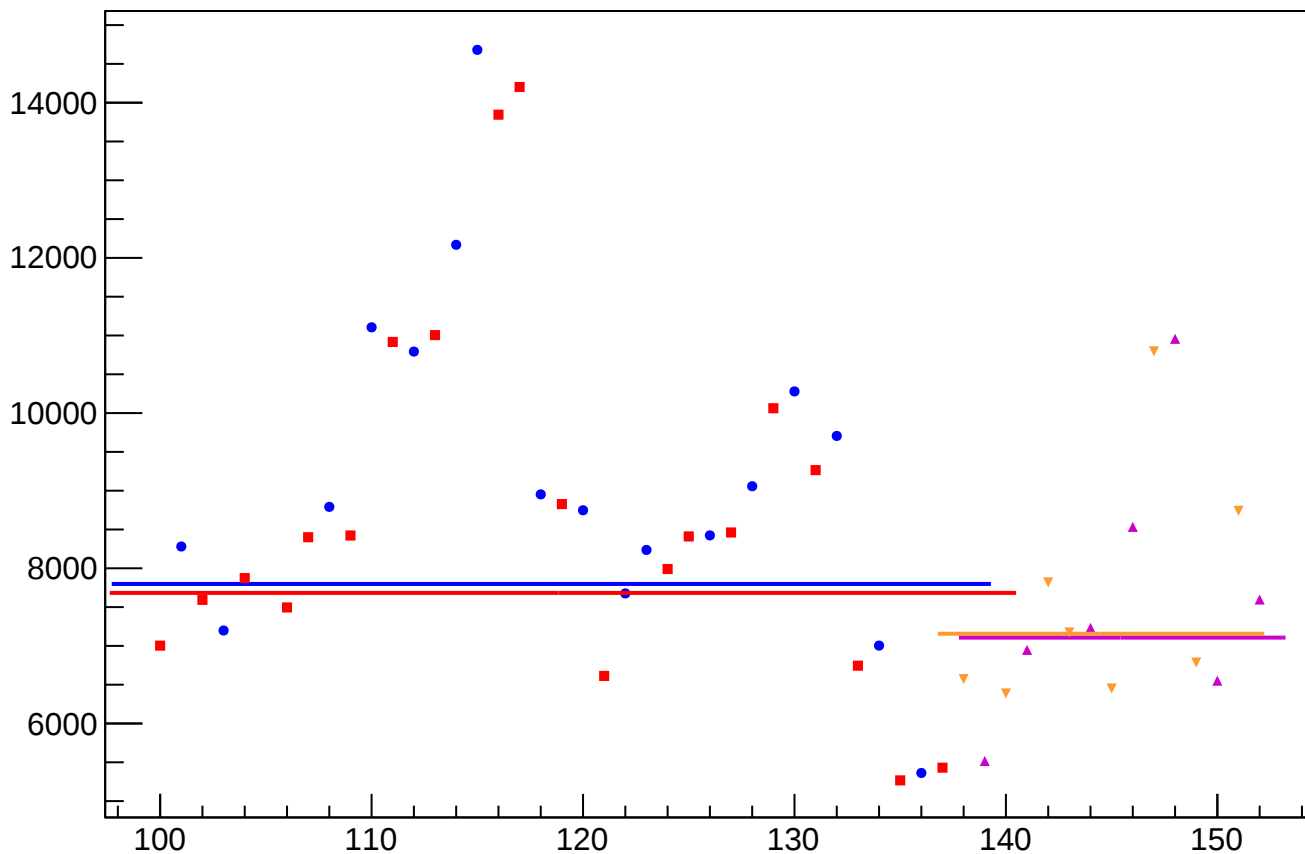
Left In: -5.444 $\pm$ 3.051 χ^2/NDF : 13.7/6

0.781 $\pm$ 2.168 χ^2/NDF : 20.6/24

-2.390 $\pm$ 1.517 χ^2/NDF : 63.4/51

-5.430 $\pm$ 2.123 χ^2/NDF : 38.6/26

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7798.267 $\pm$ 2.188 χ^2 /NDF: 736283.6/16

Left Out: 7156.411 $\pm$ 2.149 χ^2 /NDF:286431.4/7

Right Out: 7682.786 $\pm$ 2.090 χ^2 /NDF: 690901.2/19

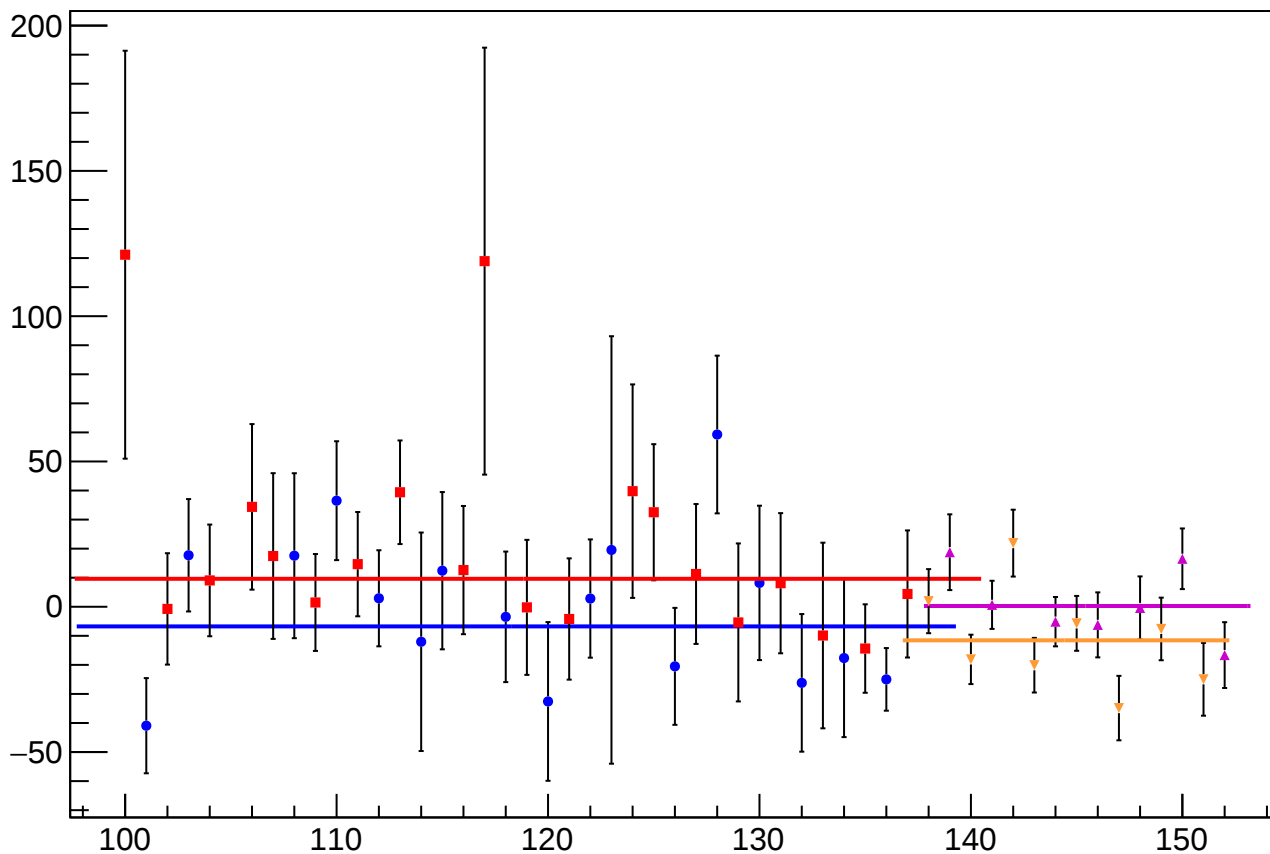
Left In: 7106.772 $\pm$ 2.158 χ^2 /NDF:368063.7/6

7471.549 $\pm$ 1.533 χ^2 /NDF: 1066529.0/24

7437.030 $\pm$ 1.073 χ^2 /NDF: 2163258.8/51

7403.928 $\pm$ 1.501 χ^2 /NDF: 1095736.5/26

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

Left Out: -11.551 ± 3.645 χ^2/NDF : 17.5/7

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

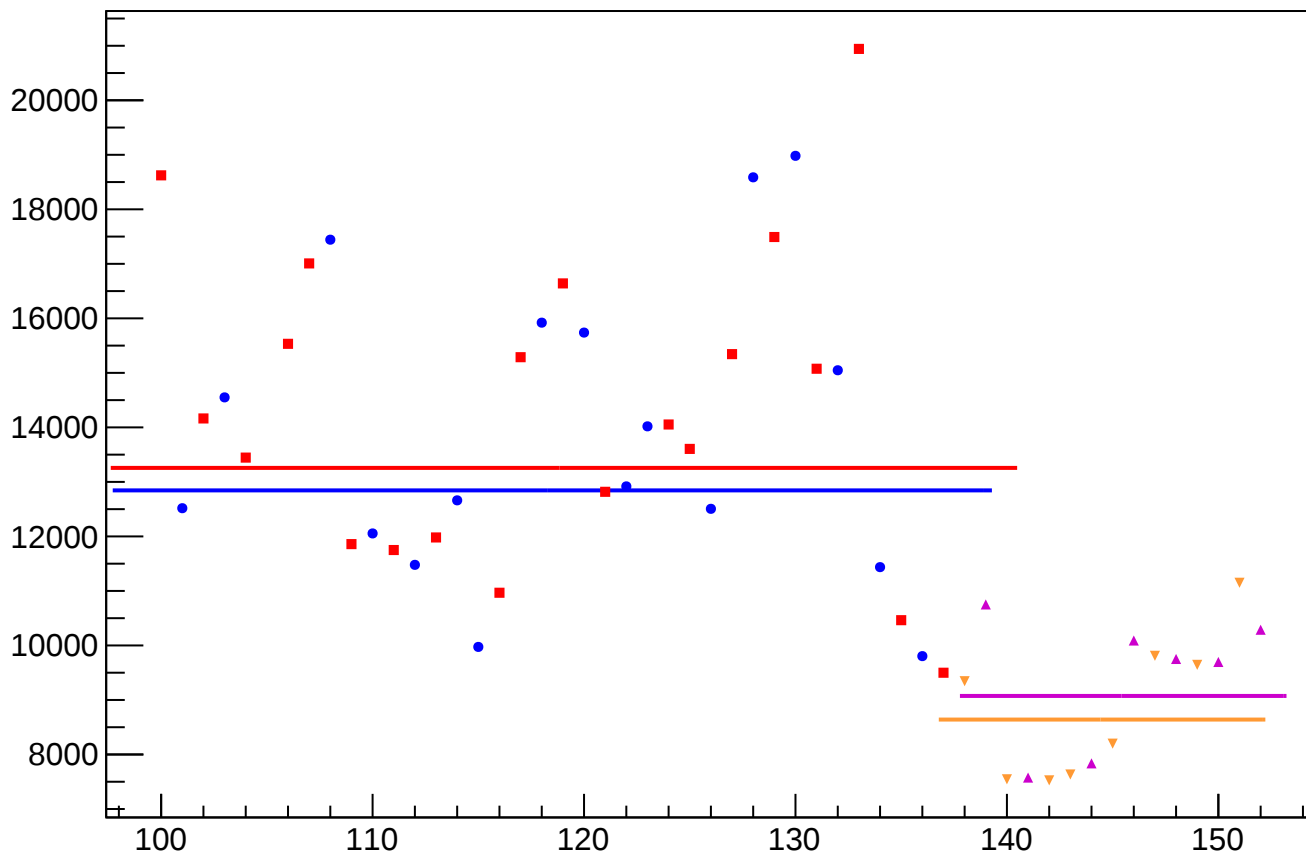
Left In: 0.262 ± 3.841 χ^2/NDF : 7.4/6

-9.925 ± 2.962 χ^2/NDF : 41.7/24

-3.338 ± 2.128 χ^2/NDF : 76.0/51

3.685 ± 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: 8640.477+/-2.577 χ^2/NDF : 207411.4/7

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

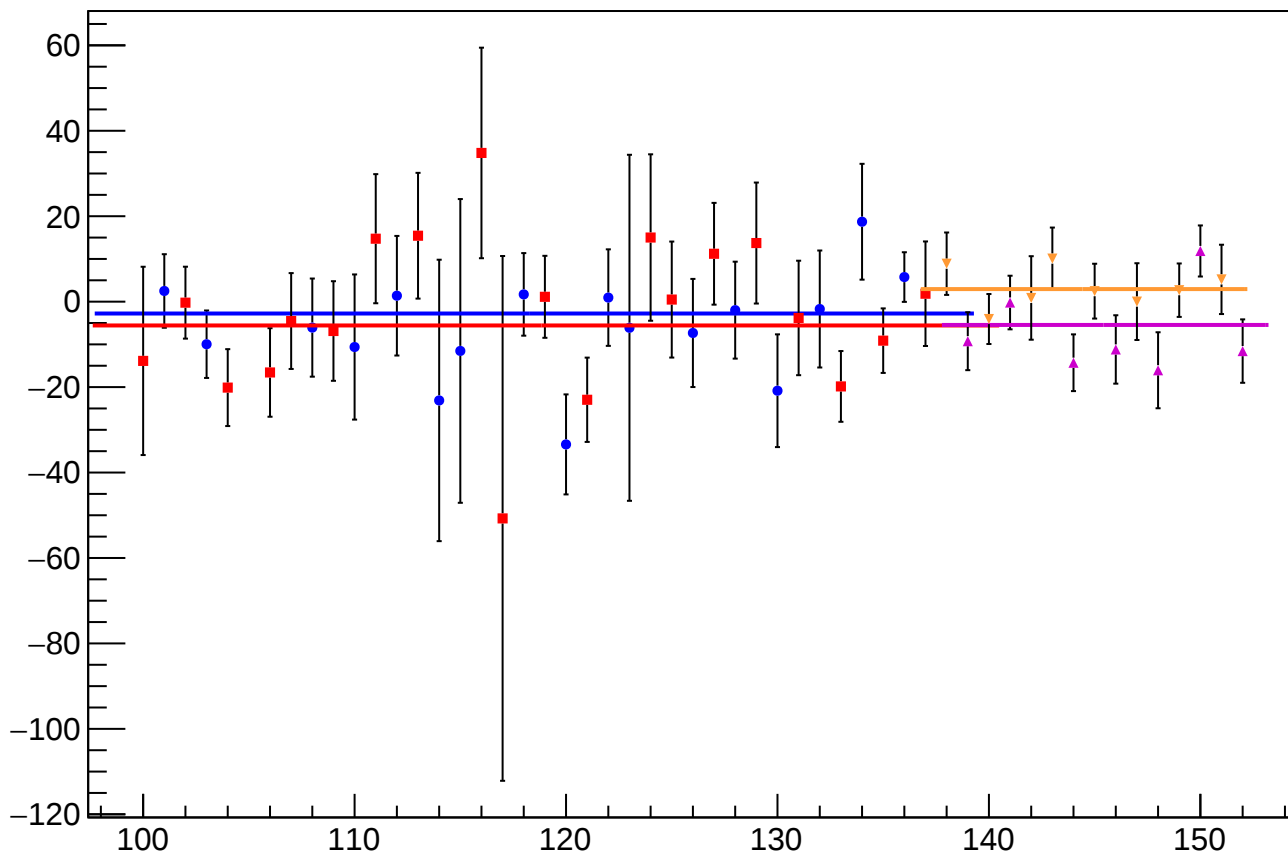
Left In: 9073.894+/-2.716 χ^2/NDF : 195415.4/6

10067.265+/-2.095 χ^2/NDF : 1657772.3/24

10326.754+/-1.505 χ^2/NDF : 3239488.5/5

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: 2.944 $\pm$ 2.542 χ^2/NDF : 3.3/7

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

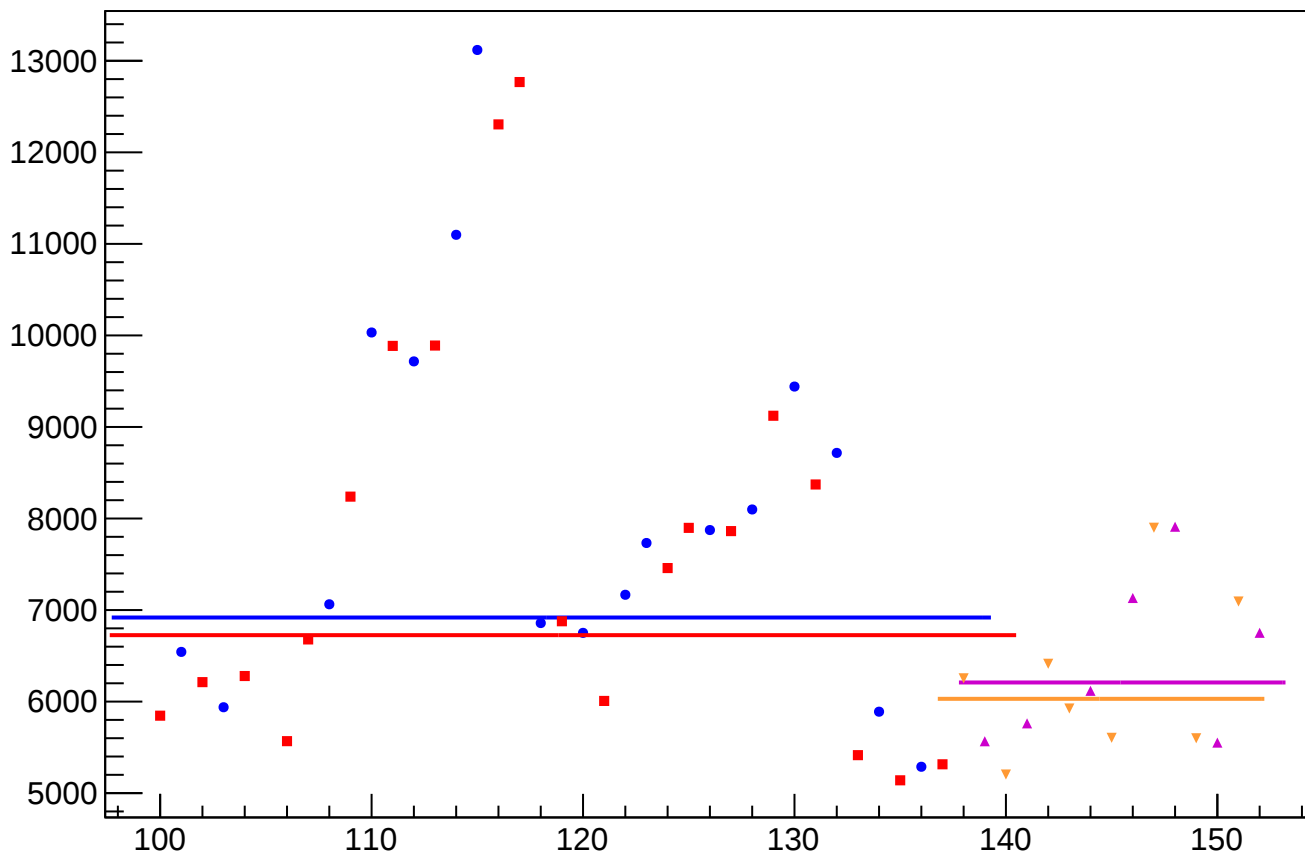
Left In: -5.451 $\pm$ 2.633 χ^2/NDF : 13.8/6

0.290 $\pm$ 1.861 χ^2/NDF : 21.5/24

-2.636 $\pm$ 1.310 χ^2/NDF : 63.9/51

-5.512 $\pm$ 1.845 χ^2/NDF : 37.5/26

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

Left Out: 6030.230+/-1.797 χ^2/NDF : 184529.9/7

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

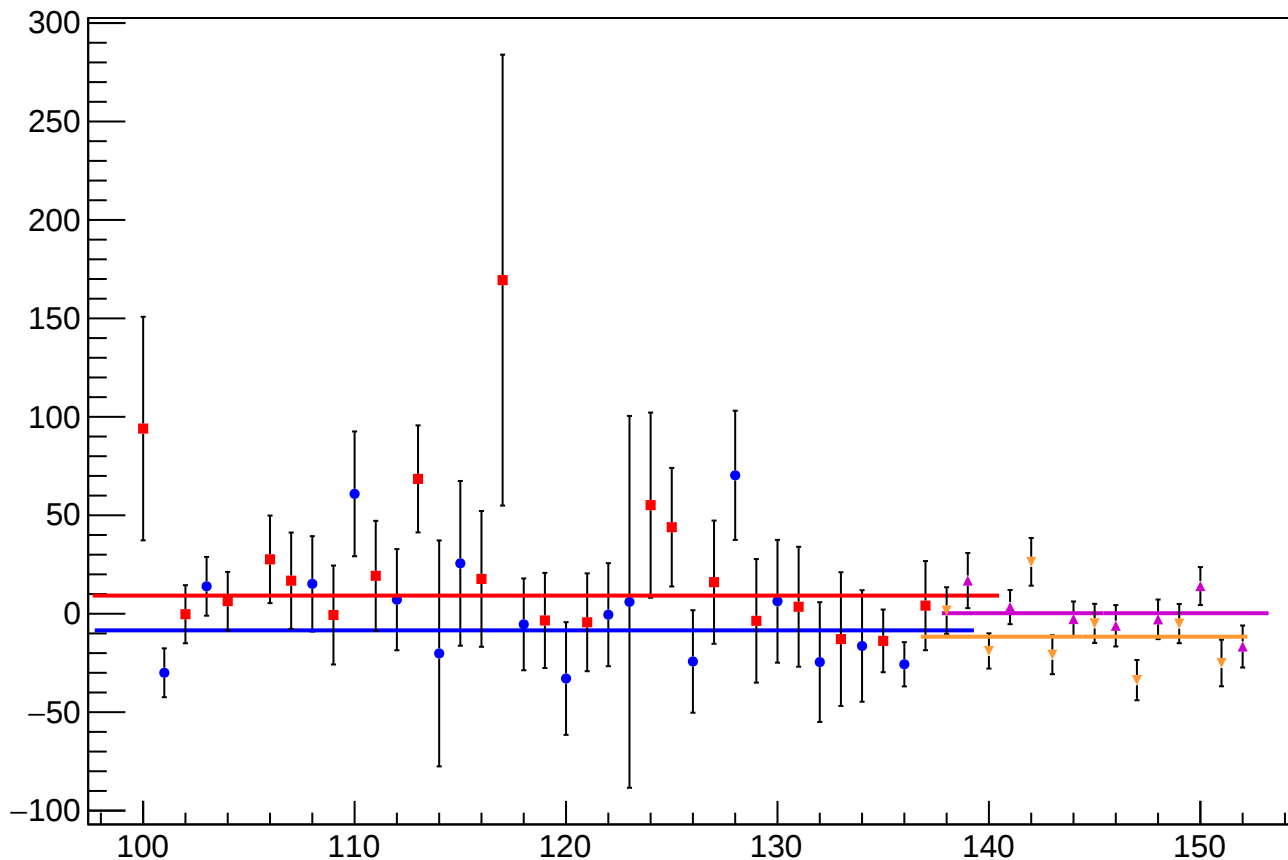
Left In: 6208.831+/-1.862 χ^2/NDF : 163047.5/6

6442.387+/-1.316 χ^2/NDF : 884913.5/24

6457.351+/-0.926 χ^2/NDF : 1762861.6/51

6472.058+/-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: -11.660 $\pm$ 3.686 χ^2/NDF : 19.5/7

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

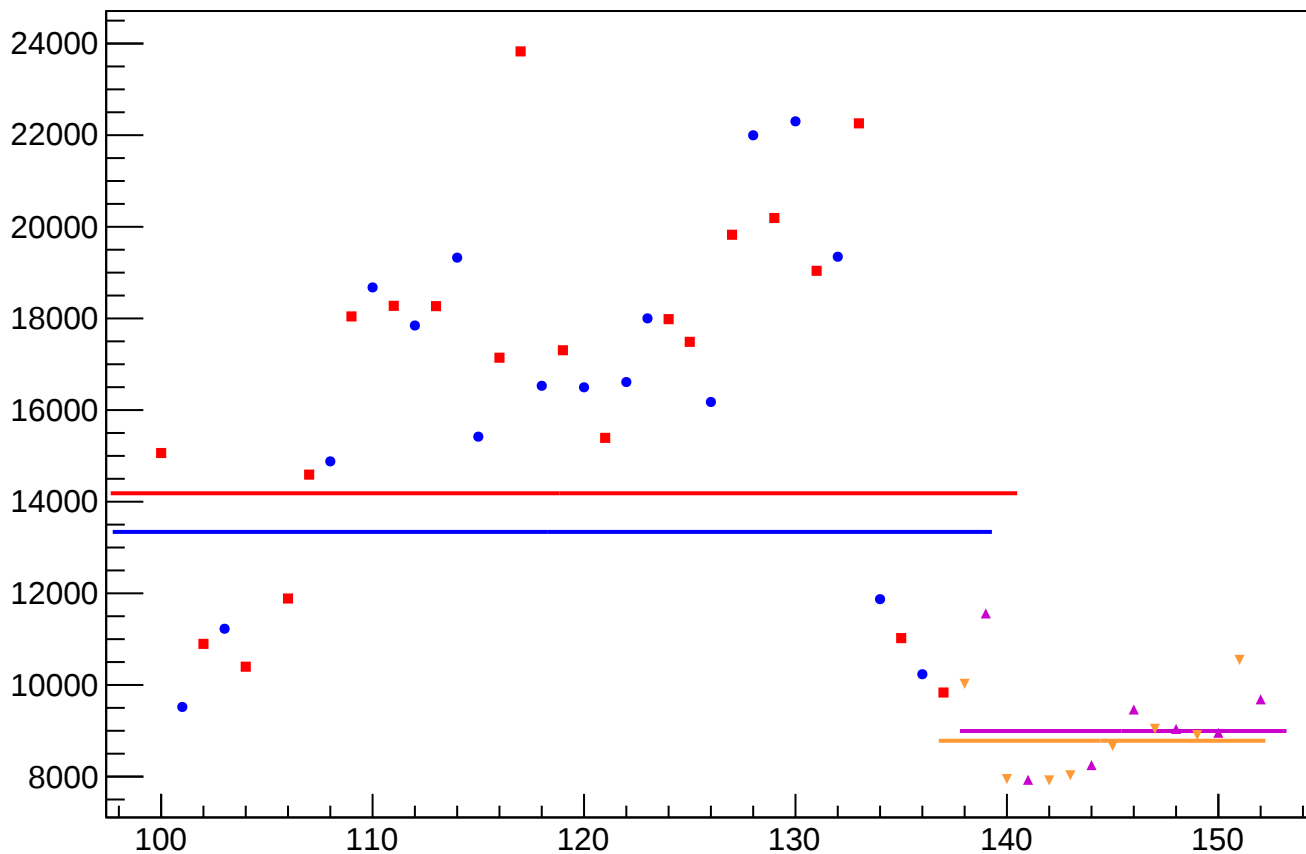
Left In: 0.263 $\pm$ 3.796 χ^2/NDF : 6.7/6

-10.637 $\pm$ 3.043 χ^2/NDF : 41.7/24

-3.924 $\pm$ 2.180 χ^2/NDF : 76.4/51

3.153 $\pm$ 3.124 χ^2/NDF : 24.7/26

diff_bpm1X_rms vs Slug, Sign Corrected



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

Left Out: 8782.234+/-2.606 χ^2/NDF :107566.6/7

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

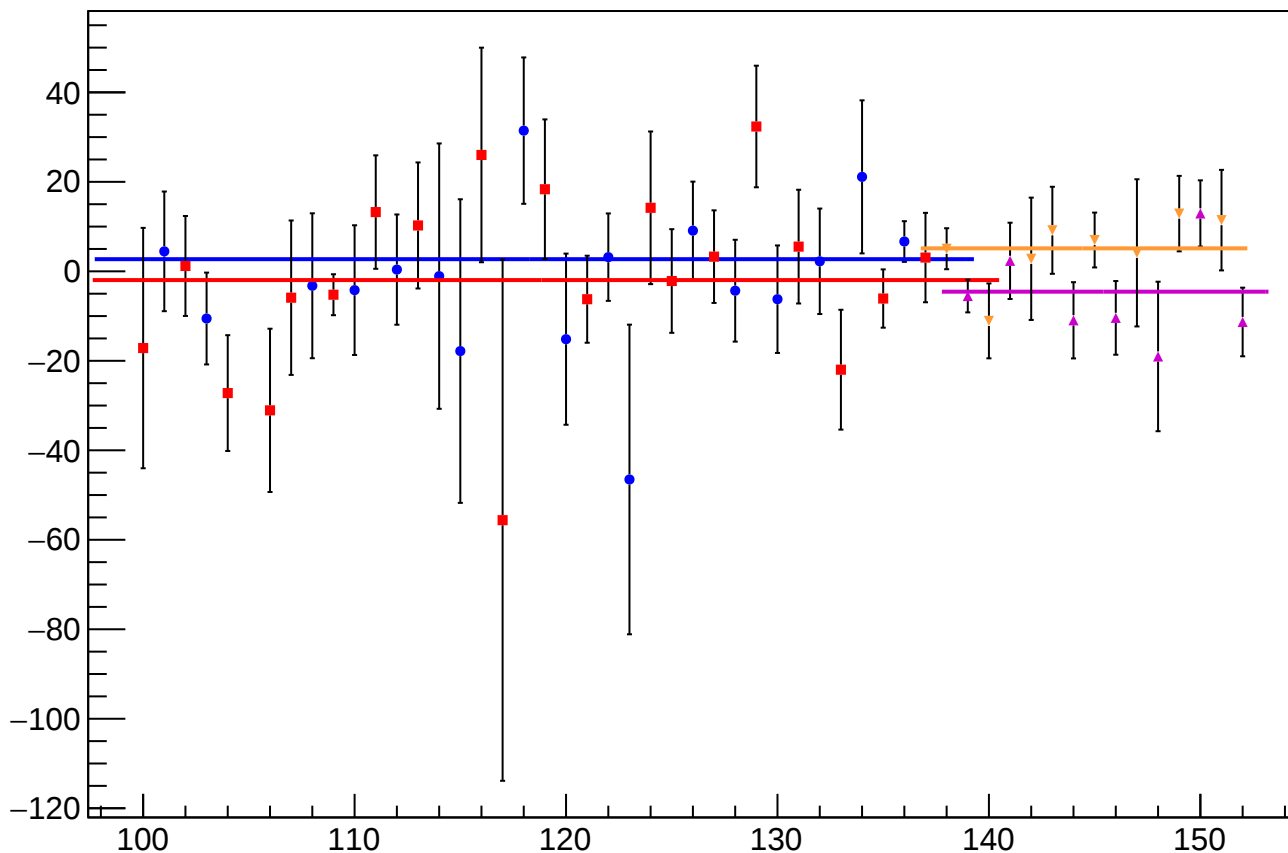
Left In: 8994.861+/-2.684 χ^2/NDF :123531.1/6

10233.702+/-2.152 χ^2/NDF : 2126227.7/24

10445.269+/-1.541 χ^2/NDF : 4421010.6/5

10668.308+/-2.209 χ^2/NDF : 2274923.8/26

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 2.717 ± 2.752 $\chi^2/\text{NDF}: 11.6/16$

Left Out: 5.134 ± 2.772 $\chi^2/\text{NDF}: 5.2/7$

Right Out: -1.955 ± 2.437 $\chi^2/\text{NDF}: 24.4/19$

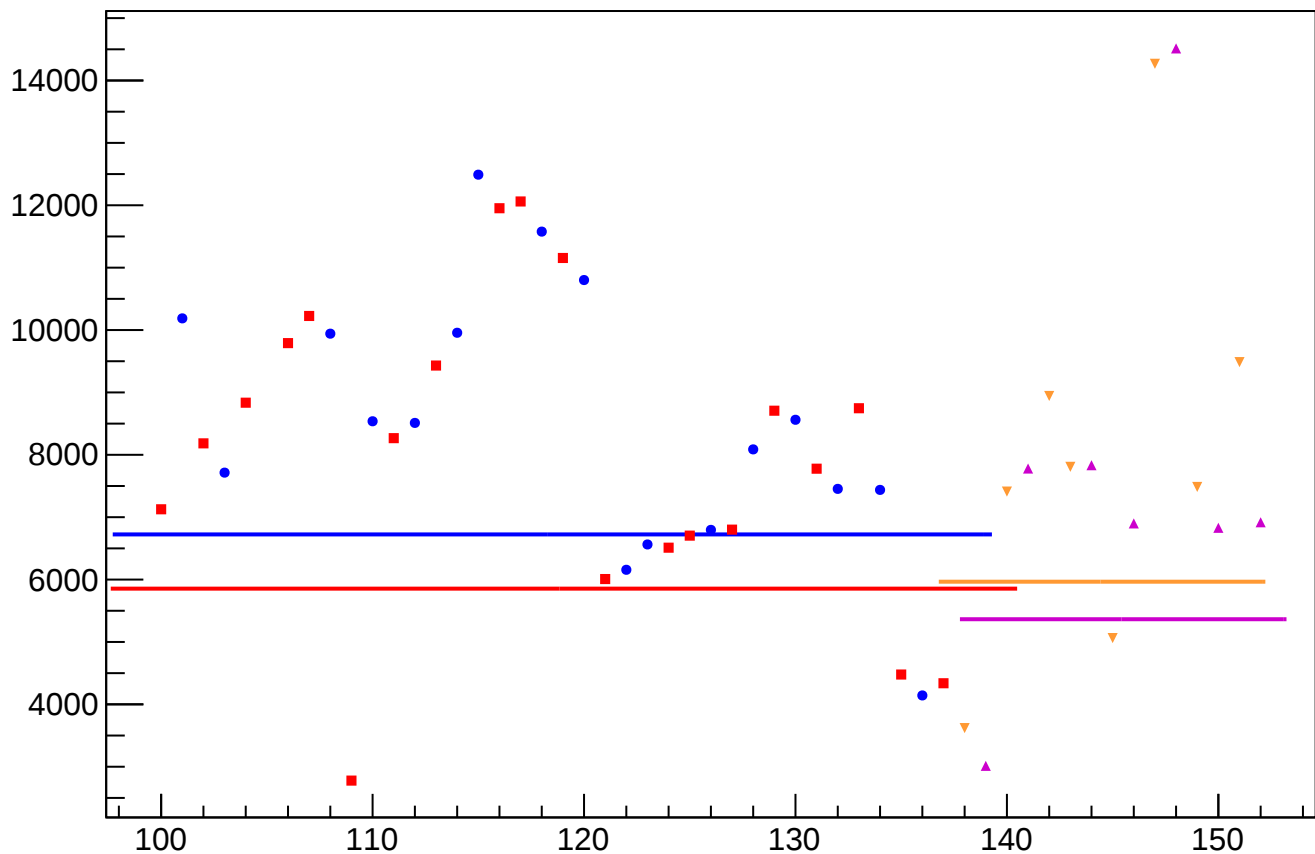
Left In: -4.548 ± 2.532 $\chi^2/\text{NDF}: 8.9/6$

3.917 ± 1.953 $\chi^2/\text{NDF}: 17.2/24$

-0.020 ± 1.306 $\chi^2/\text{NDF}: 58.4/51$

-3.202 ± 1.756 $\chi^2/\text{NDF}: 33.8/26$

diff_bpm1Y_rms vs Slug, Sign Corrected



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

Left Out: 5965.990+/-1.960 χ^2/NDF : 1565393.3/7

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

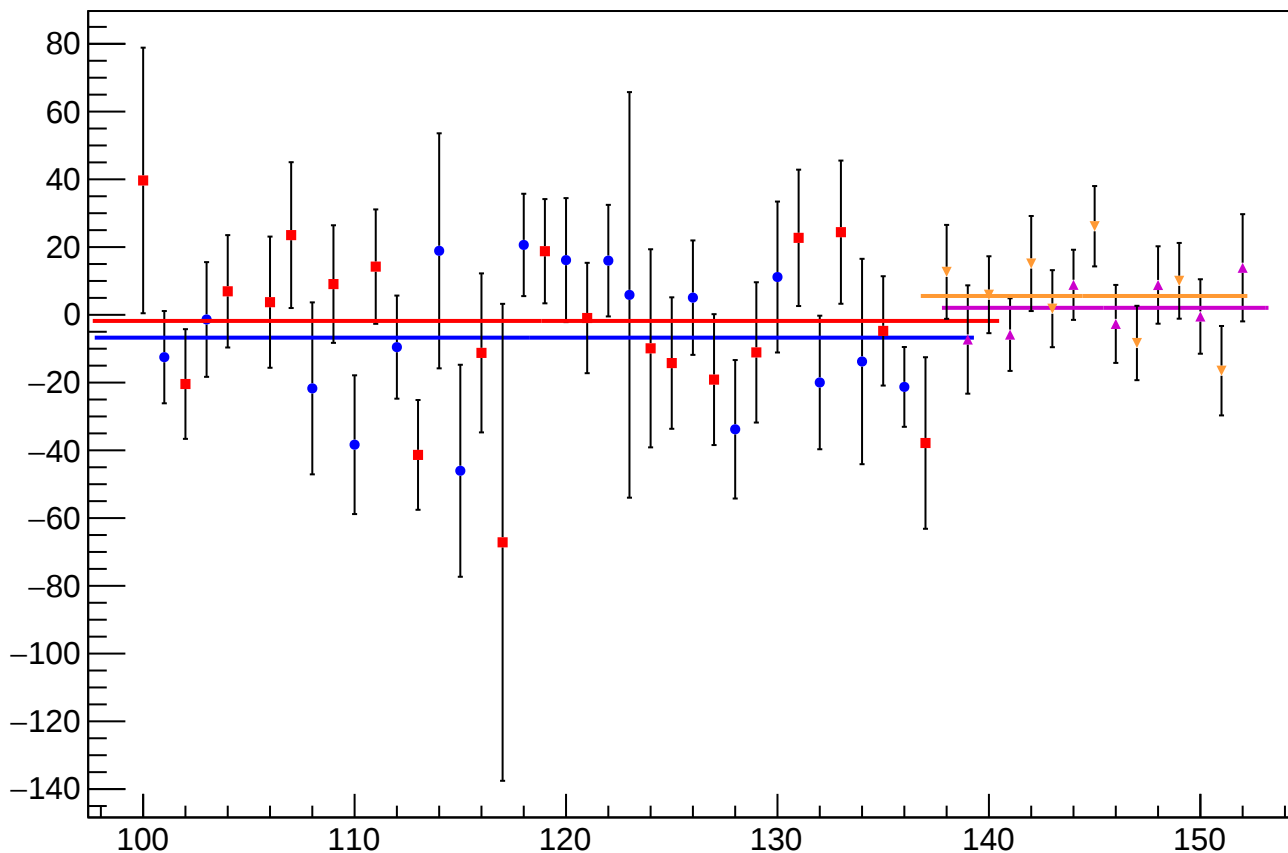
Left In: 5364.363+/-1.790 χ^2/NDF : 1985390.6/6

6347.588+/-1.381 χ^2/NDF : 3032774.1/24

5944.658+/-0.923 χ^2/NDF : 7511044.2/51

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

diff_bpm11X_mean vs Slug, Sign Corrected



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

Left Out: 5.565 ± 4.267 χ^2/NDF : 8.4/7

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

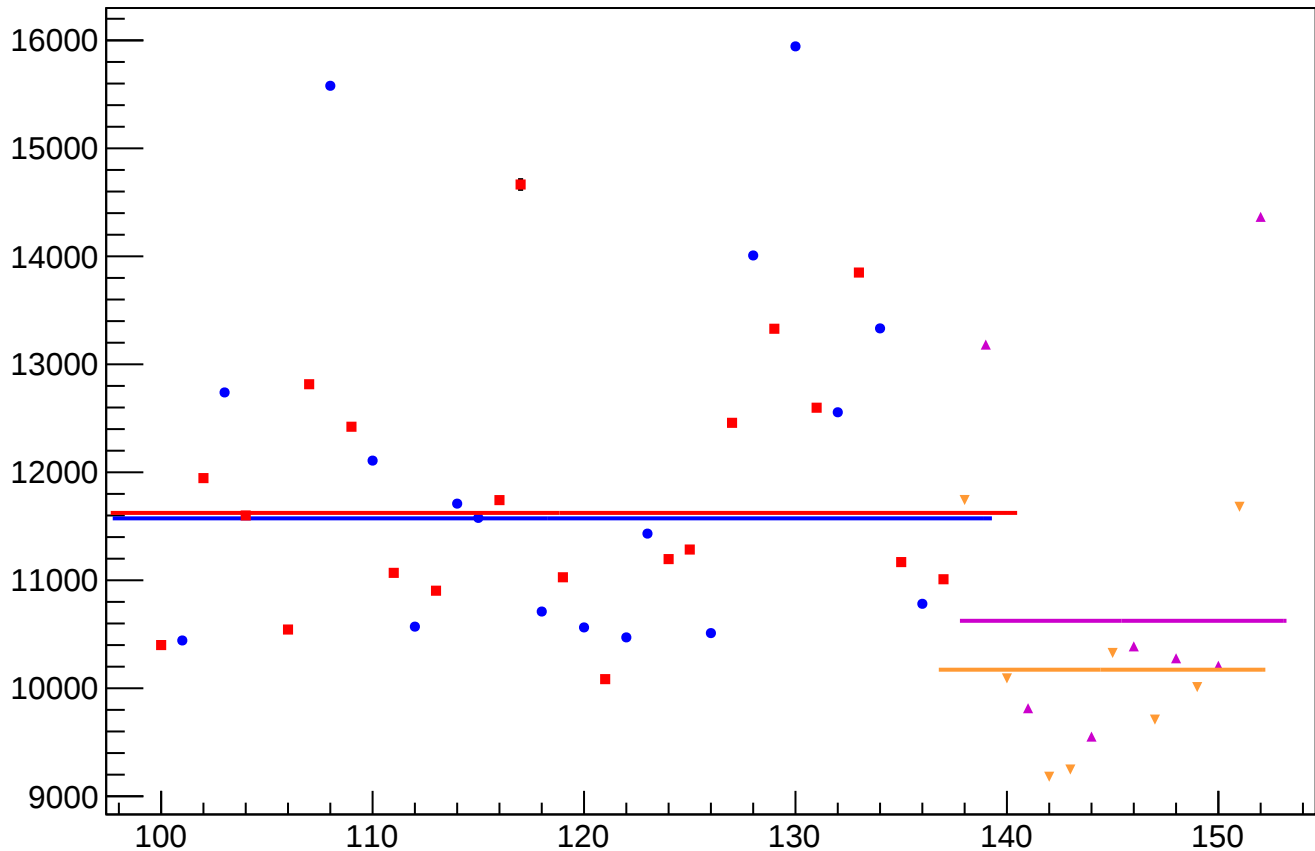
Left In: 2.066 ± 4.498 χ^2/NDF : 2.4/6

-0.241 ± 3.101 χ^2/NDF : 29.2/24

-0.085 ± 2.204 χ^2/NDF : 52.9/51

0.074 ± 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: 10171.987 $\pm$ 3.017 χ^2/NDF : 79411.7/7

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

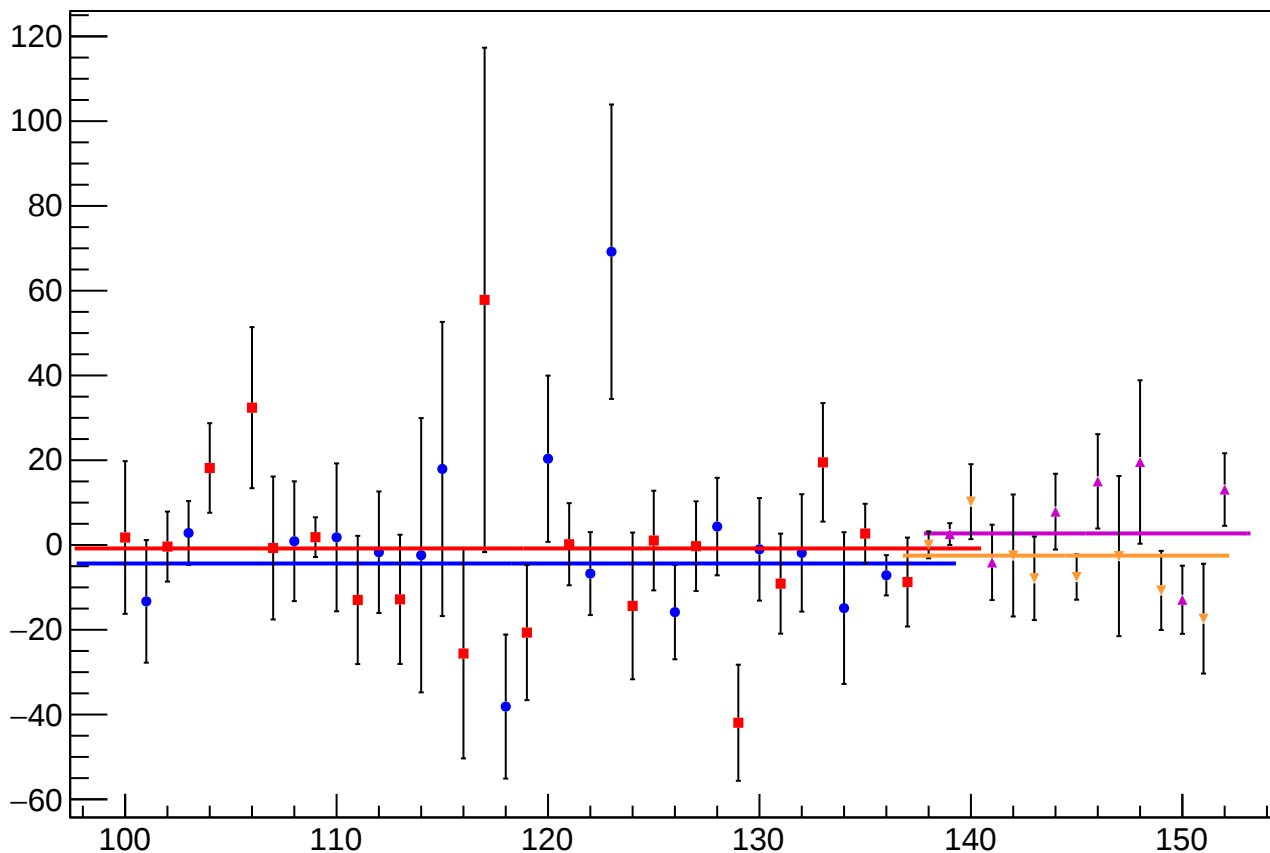
Left In: 10624.796 $\pm$ 3.181 χ^2/NDF : 201322.4/6

10833.526 $\pm$ 2.192 χ^2/NDF : 419987.2/24

10984.965 $\pm$ 1.558 χ^2/NDF : 779837.7/51

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

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.361 ± 2.776 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -2.500 ± 2.343 $\chi^2/\text{NDF}: 6.0/7$

Right Out: -0.816 ± 2.424 $\chi^2/\text{NDF}: 24.5/19$

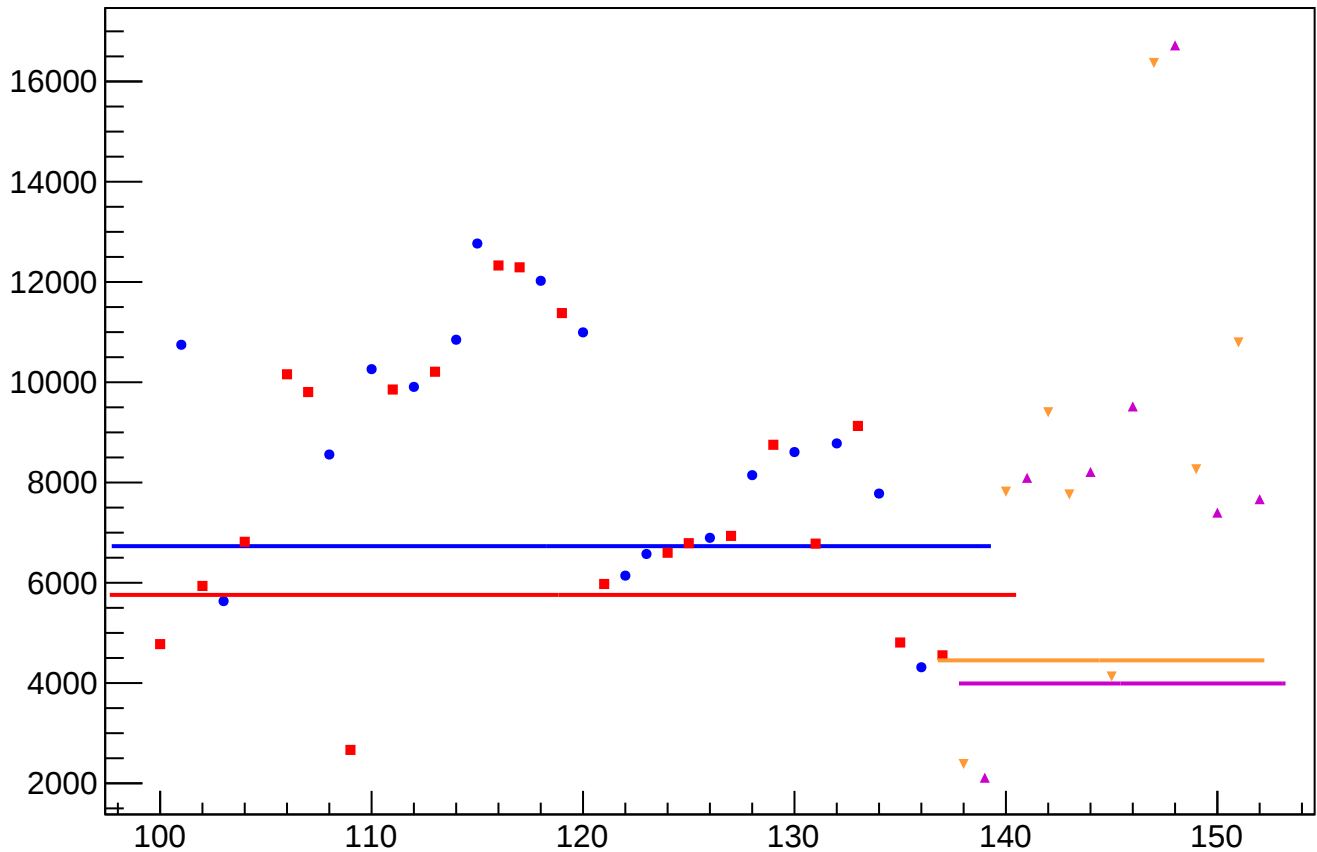
Left In: 2.729 ± 2.144 $\chi^2/\text{NDF}: 8.2/6$

-3.274 ± 1.791 $\chi^2/\text{NDF}: 20.8/24$

-0.810 ± 1.196 $\chi^2/\text{NDF}: 58.1/51$

1.173 ± 1.606 $\chi^2/\text{NDF}: 33.9/26$

diff_bpm11Y_rms vs Slug, Sign Corrected



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

Left Out: 4452.434 +/- 1.657 χ^2/NDF : 3214544.4/7

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

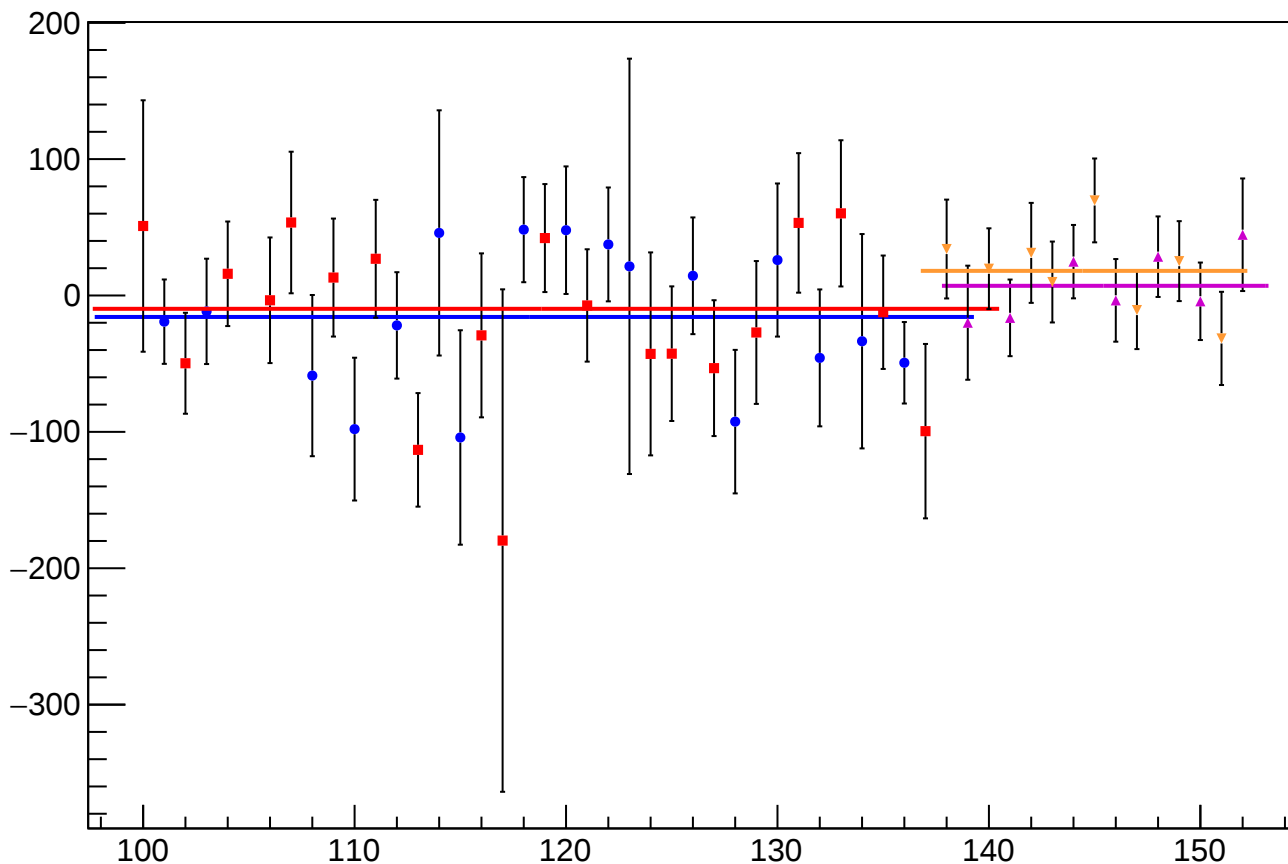
Left In: 3991.348 +/- 1.516 χ^2/NDF : 4042622.2/6

5400.323 +/- 1.266 χ^2/NDF : 5446285.4/24

5049.323 +/- 0.845 χ^2/NDF : 12410292.8/5

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

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left Out: 18.052 +/- 11.124 χ^2/NDF : 6.4/7

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

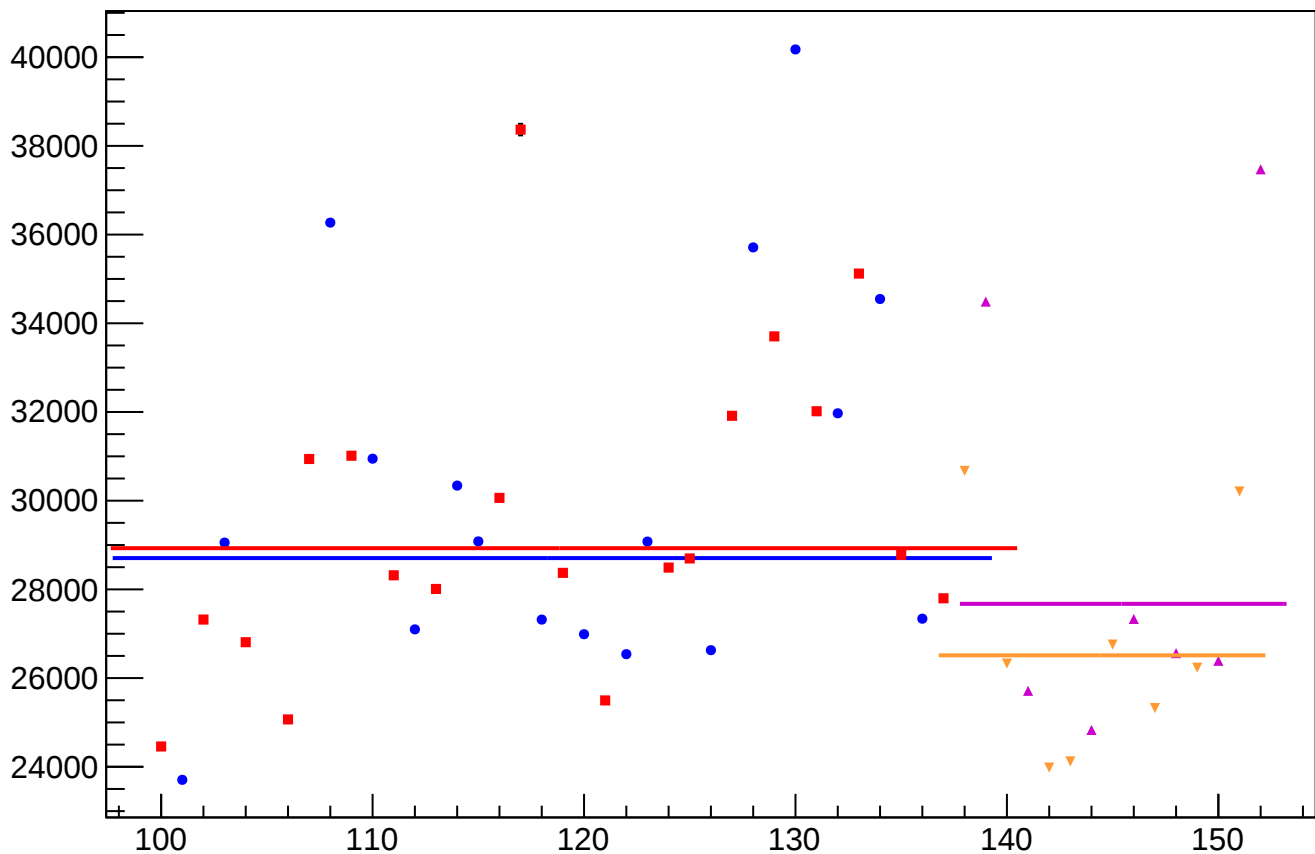
Left In: 7.091 +/- 11.718 χ^2/NDF : 3.2/6

1.276 +/- 7.895 χ^2/NDF : 26.9/24

-0.333 +/- 5.609 χ^2/NDF : 51.4/51

-1.974 +/- 7.969 χ^2/NDF : 24.4/26

diff_bpm12X_rms vs Slug, Sign Corrected



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

Left Out: 26513.136+/-7.866 χ^2/NDF : 76099.0/7

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

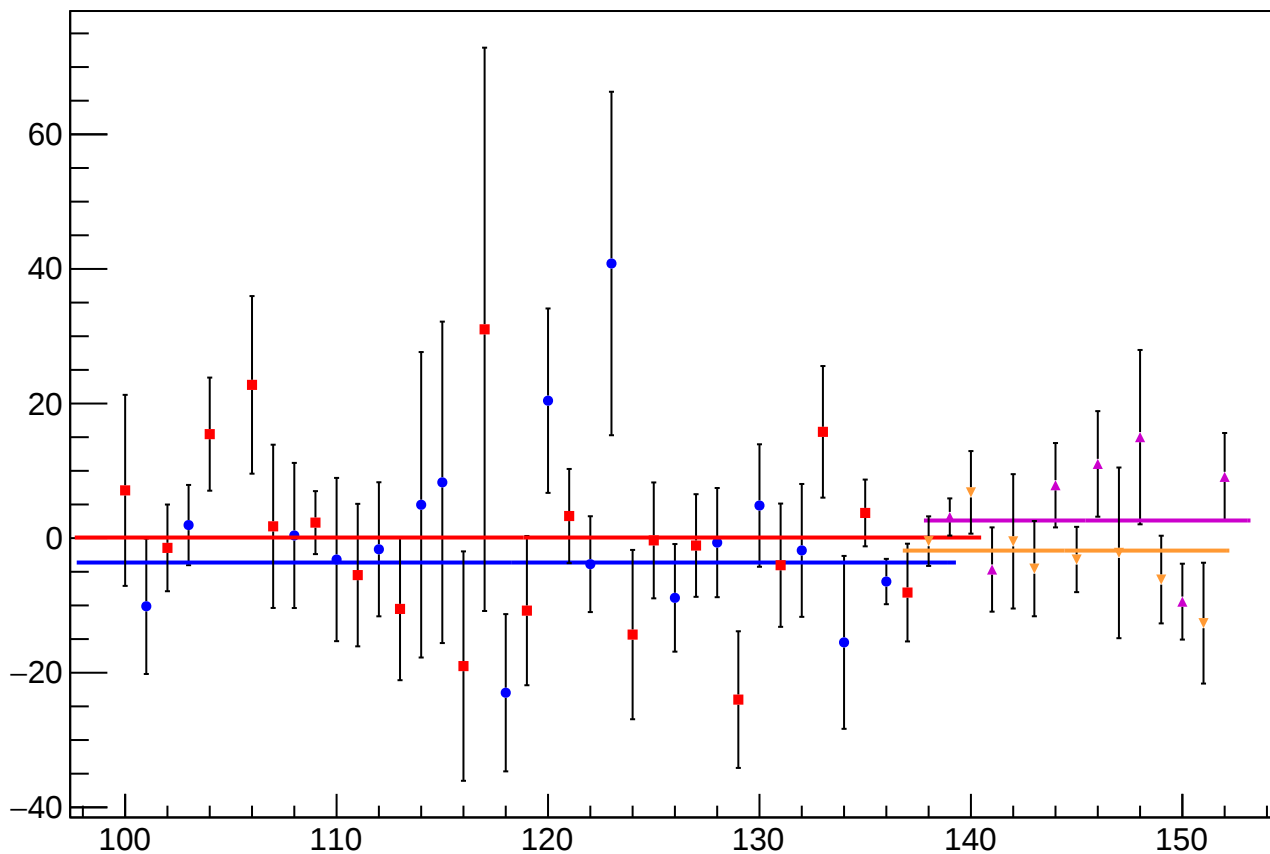
Left In: 27673.730+/-8.286 χ^2/NDF : 205043.1/6

27601.187+/-5.583 χ^2/NDF : 365644.7/24

27971.195+/-3.966 χ^2/NDF : 708363.7/51

28348.181+/-5.635 χ^2/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: -1.851+/-2.157 χ^2/NDF : 4.3/7

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

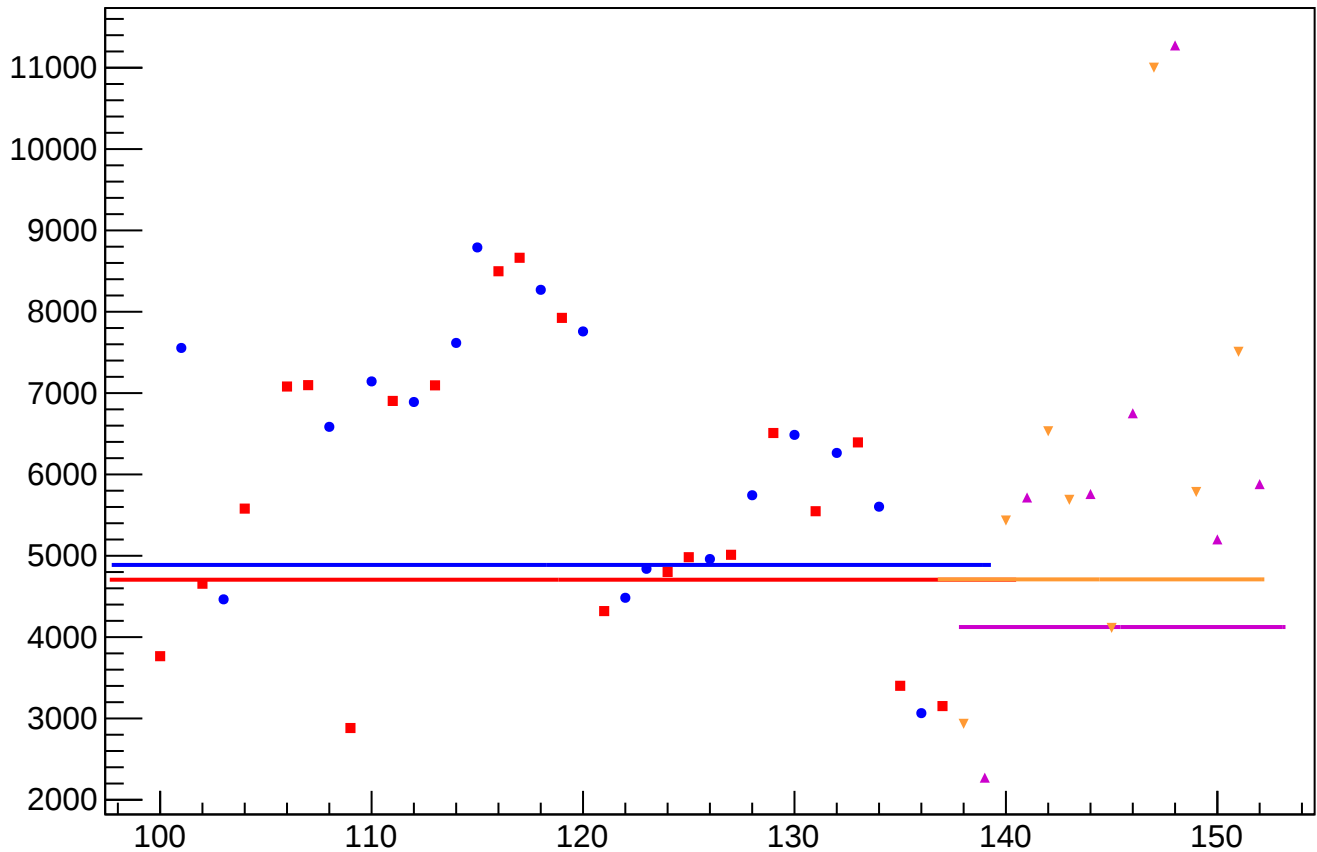
Left In: 2.620+/-1.964 χ^2/NDF : 9.7/6

-2.802+/-1.469 χ^2/NDF : 18.4/24

-0.592+/-0.998 χ^2/NDF : 55.8/51

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: 4709.881+/-1.525 χ^2/NDF :1368294.9/7

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

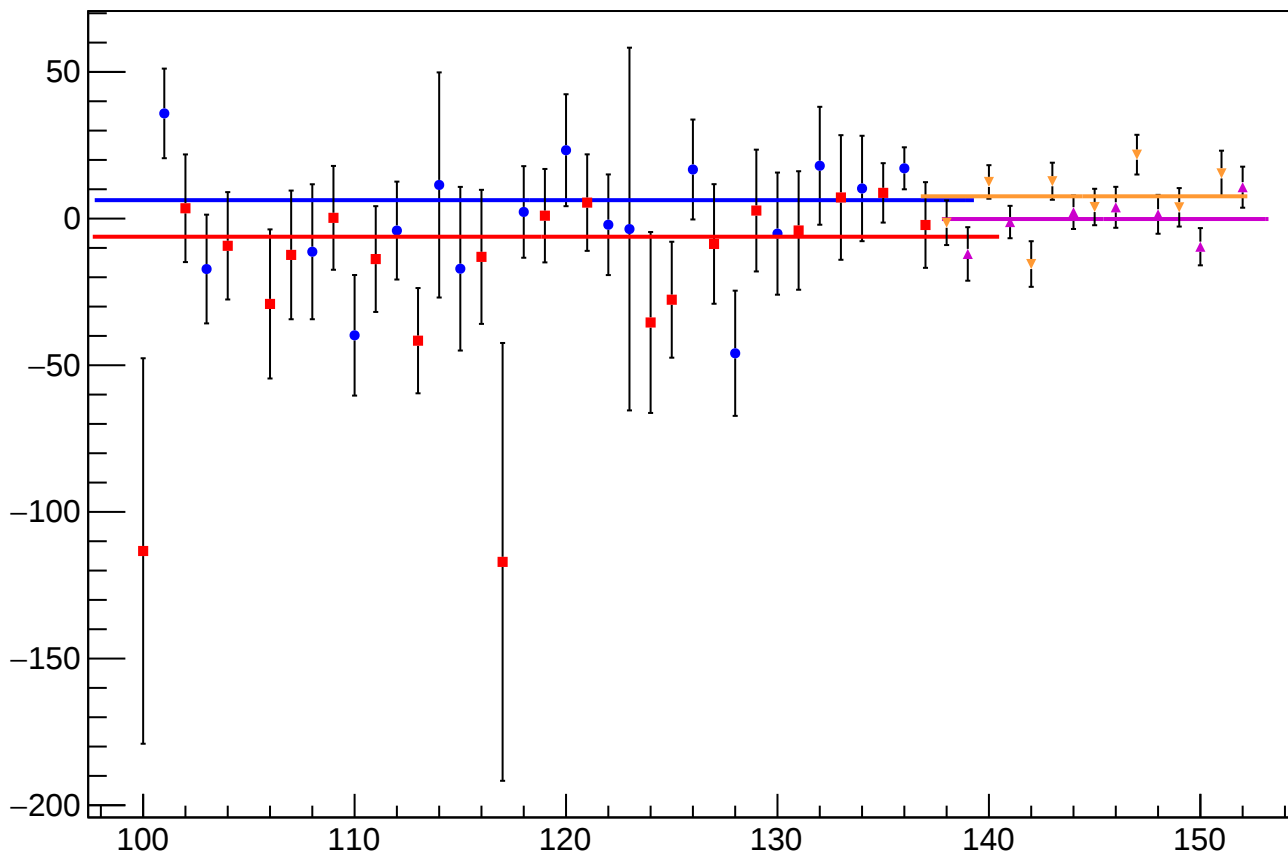
Left In: 4124.108+/-1.389 χ^2/NDF :2217139.2/6

4805.136+/-1.039 χ^2/NDF : 2784864.6/24

4601.334+/-0.706 χ^2/NDF : 6495780.6/51

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: 7.599 $\pm$ 2.376 χ^2/NDF : 17.7/7

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

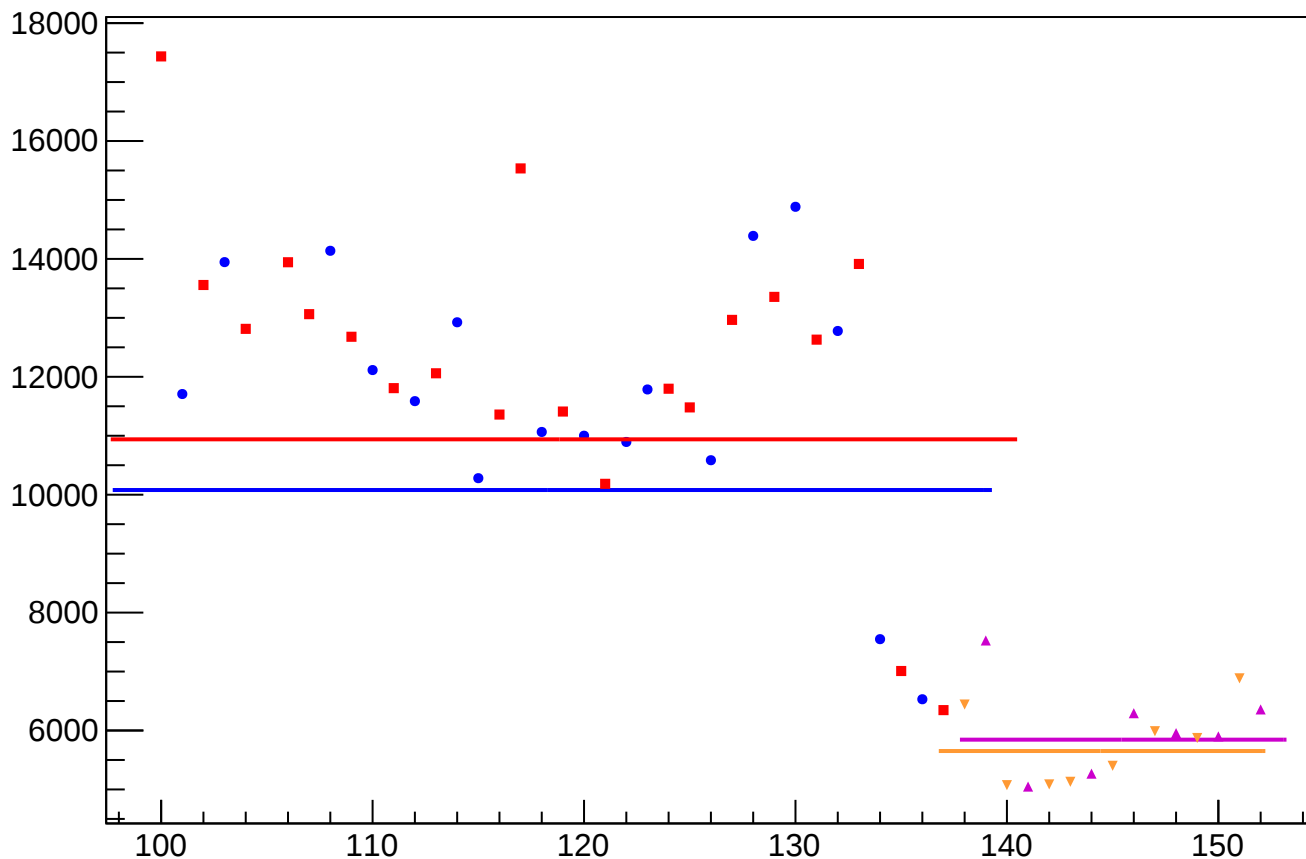
Left In: -0.146 $\pm$ 2.469 χ^2/NDF : 6.9/6

7.264 $\pm$ 2.051 χ^2/NDF : 40.3/24

2.957 $\pm$ 1.477 χ^2/NDF : 73.9/51

-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: 5651.800 $\pm$ 1.680 χ^2/NDF :127538.1/7

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

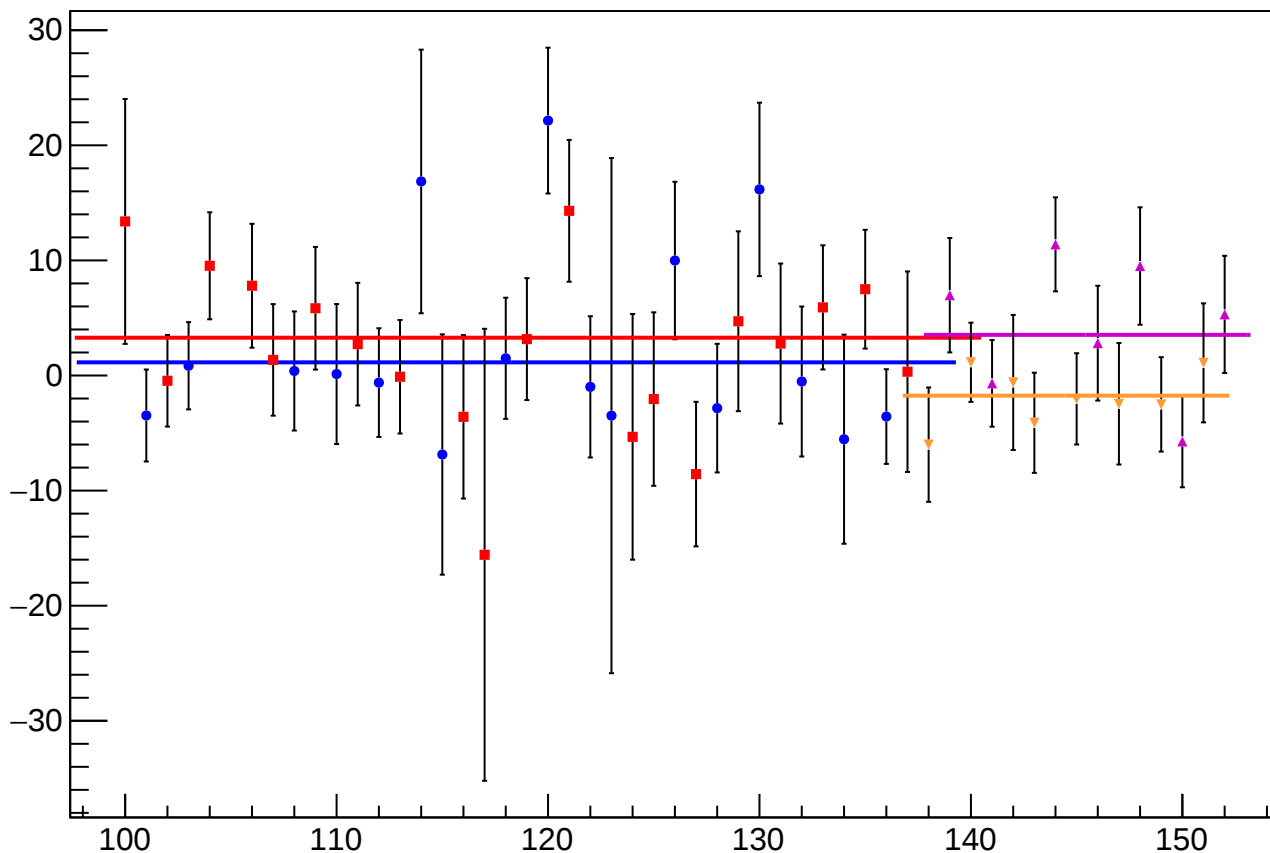
Left In: 5844.493 $\pm$ 1.746 χ^2/NDF :149681.7/6

6779.352 $\pm$ 1.450 χ^2/NDF : 2891500.2/24

6956.368 $\pm$ 1.045 χ^2/NDF : 6025706.5/51

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

diff_bpm16Y_mean vs Slug, Sign Corrected



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

Left Out: -1.752 ± 1.575 χ^2/NDF : 2.1/7

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

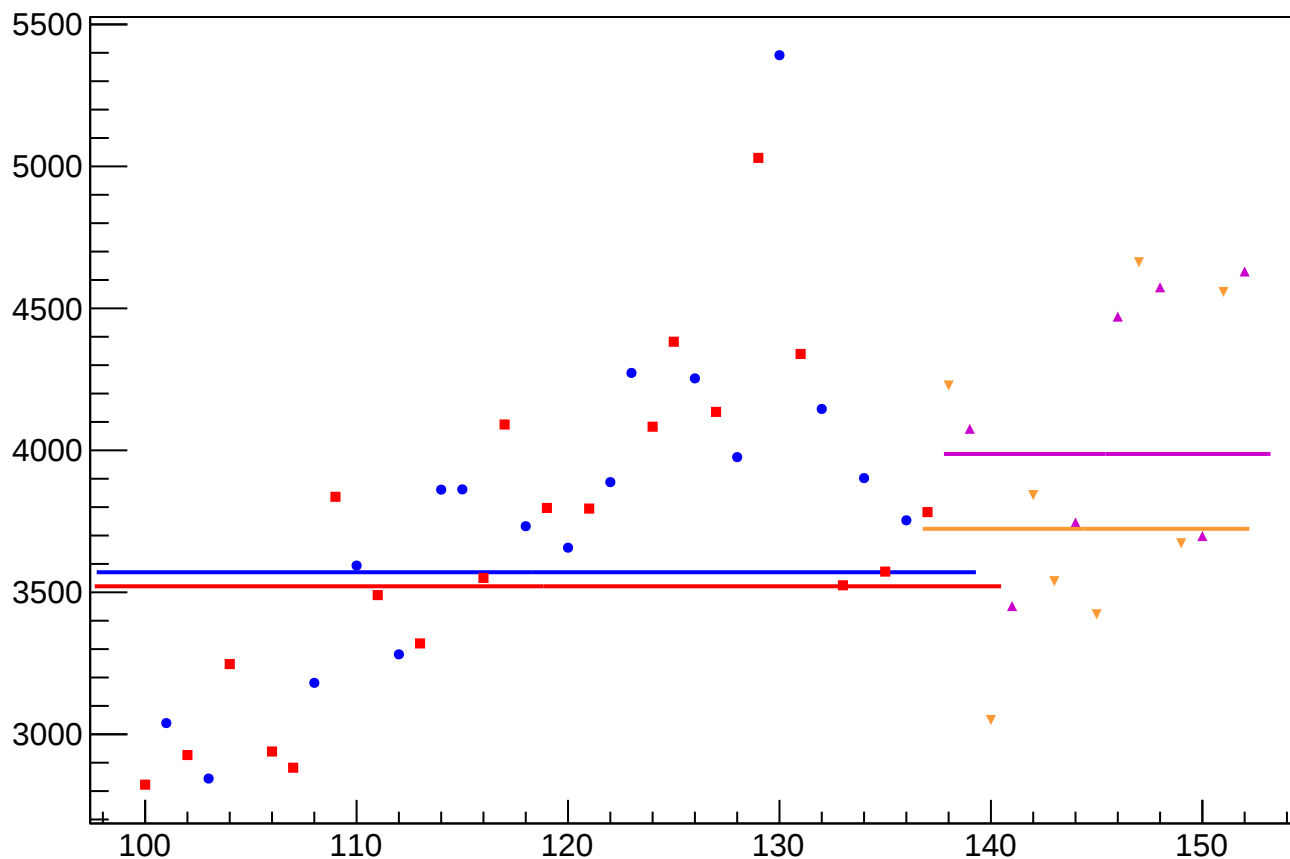
Left In: 3.531 ± 1.687 χ^2/NDF : 12.4/6

-0.130 ± 1.044 χ^2/NDF : 27.3/24

1.624 ± 0.739 χ^2/NDF : 61.3/51

3.379 ± 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: 3723.622 $\pm$ 1.114 χ^2 /NDF: 228827.8/7

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

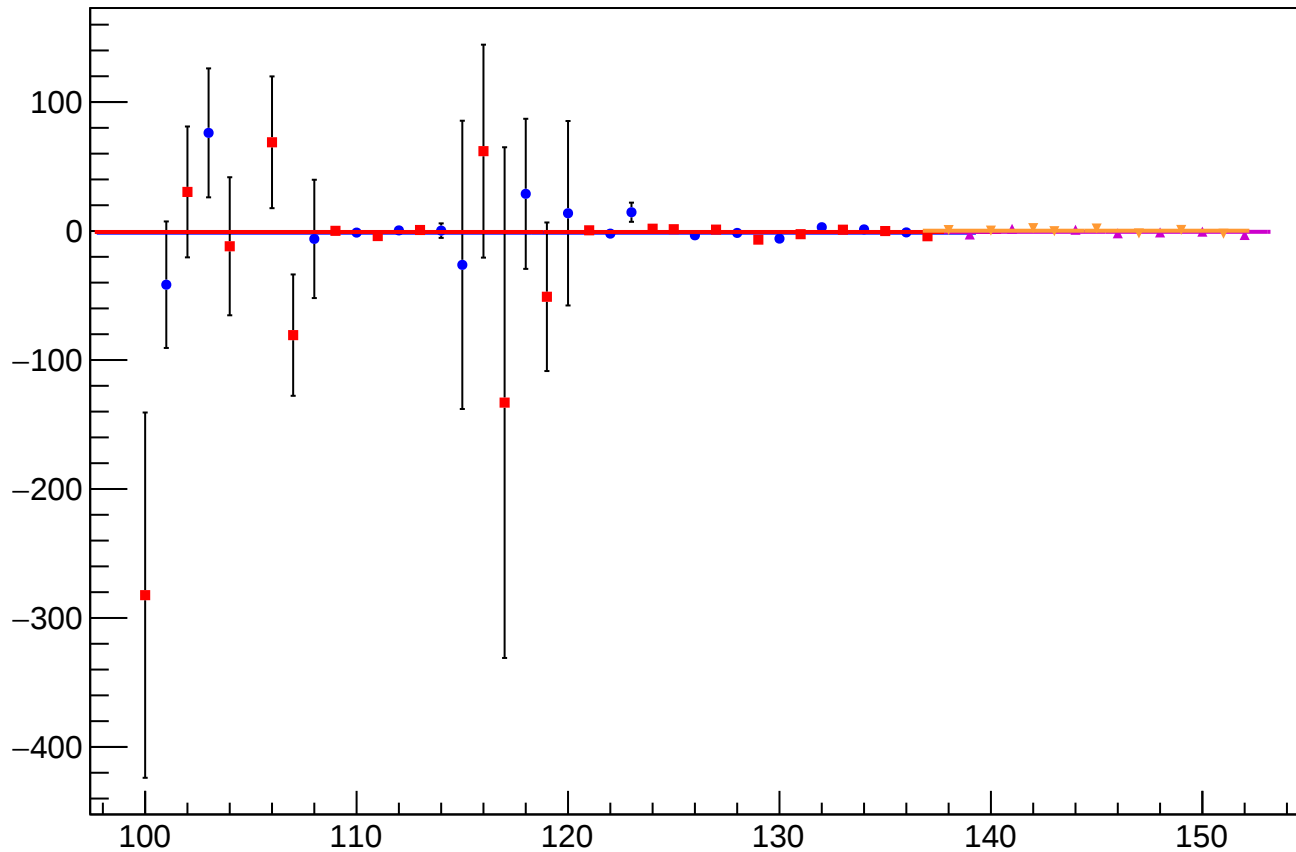
Left In: 3987.288 $\pm$ 1.193 χ^2 /NDF: 135787.4/6

3637.948 $\pm$ 0.738 χ^2 /NDF: 548960.0/24

3668.882 $\pm$ 0.522 χ^2 /NDF: 1077266.7/51

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

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

Left Out: 0.251 ± 0.447 χ^2/NDF : 10.0/7

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

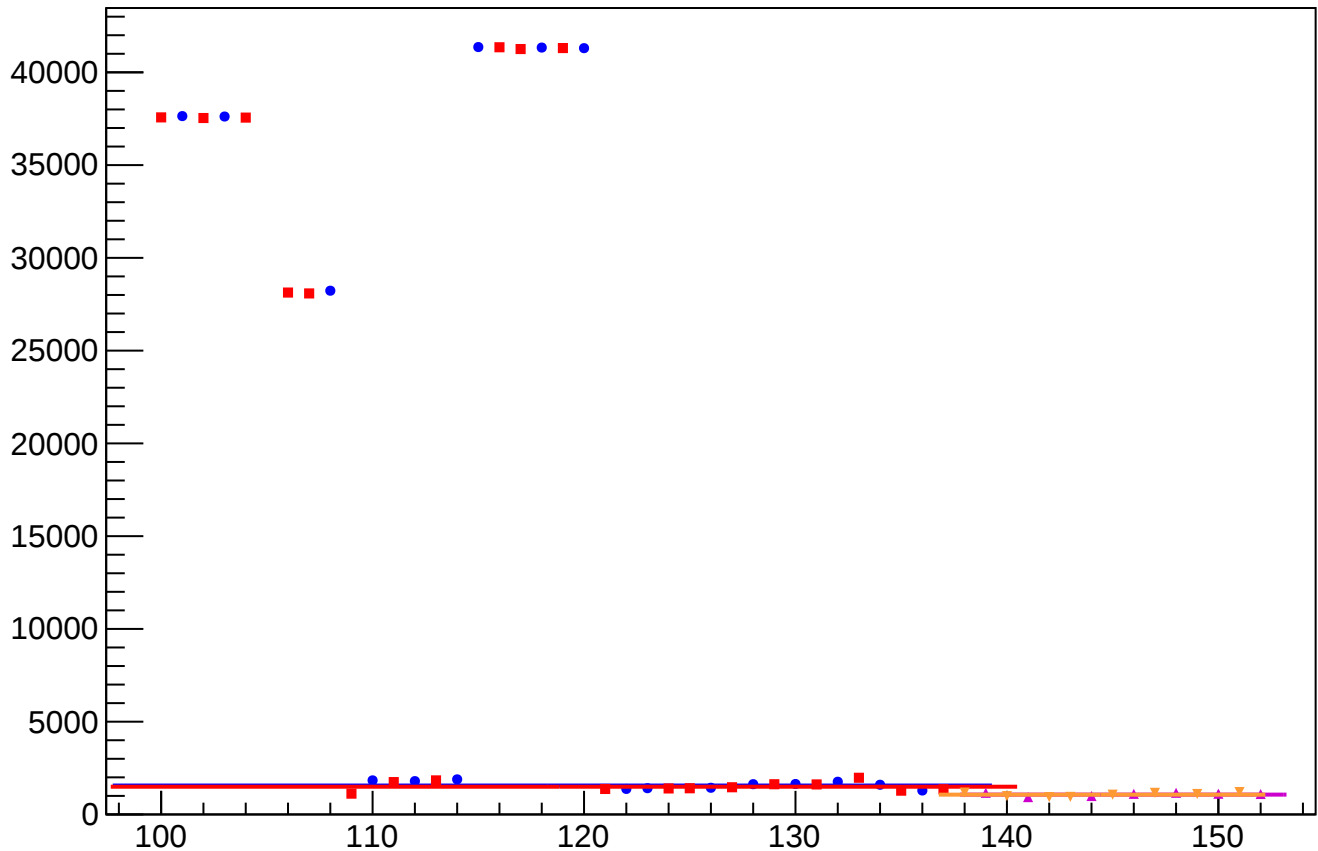
Left In: -0.608 ± 0.451 χ^2/NDF : 14.4/6

-0.146 ± 0.384 χ^2/NDF : 29.3/24

-0.397 ± 0.270 χ^2/NDF : 67.0/51

-0.644 ± 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: 1066.833 $\pm$ 0.316 χ^2 /NDF: 96913.9/7

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

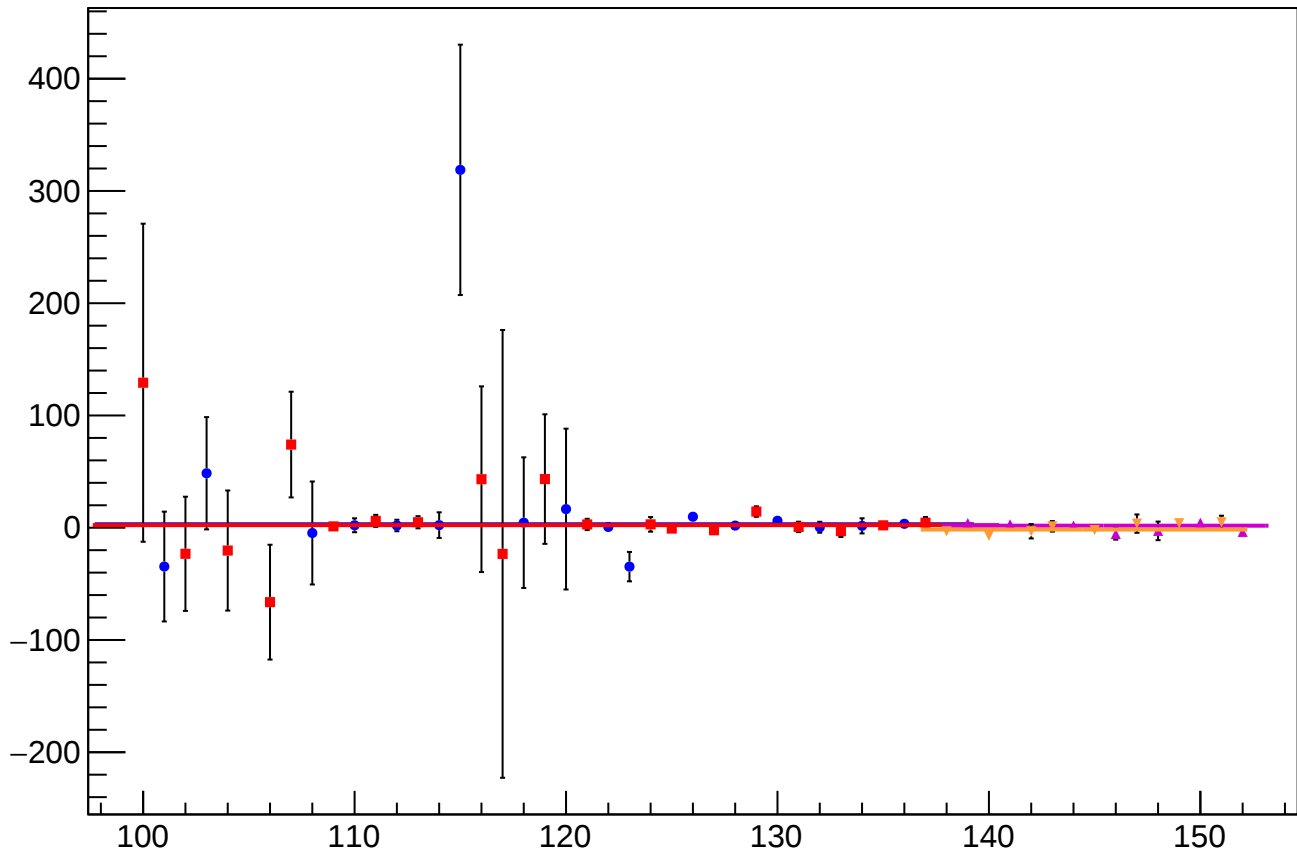
Left In: 1069.006 $\pm$ 0.319 χ^2 /NDF: 72789.4/6

1196.260 $\pm$ 0.271 χ^2 /NDF: 5488956.8/24

1193.788 $\pm$ 0.191 χ^2 /NDF: 11048657.6/5

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

diff_bpm1p02bY_mean vs Slug, Sign Corrected



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

Left Out: -1.639 ± 1.411 χ^2/NDF : 6.1/7

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

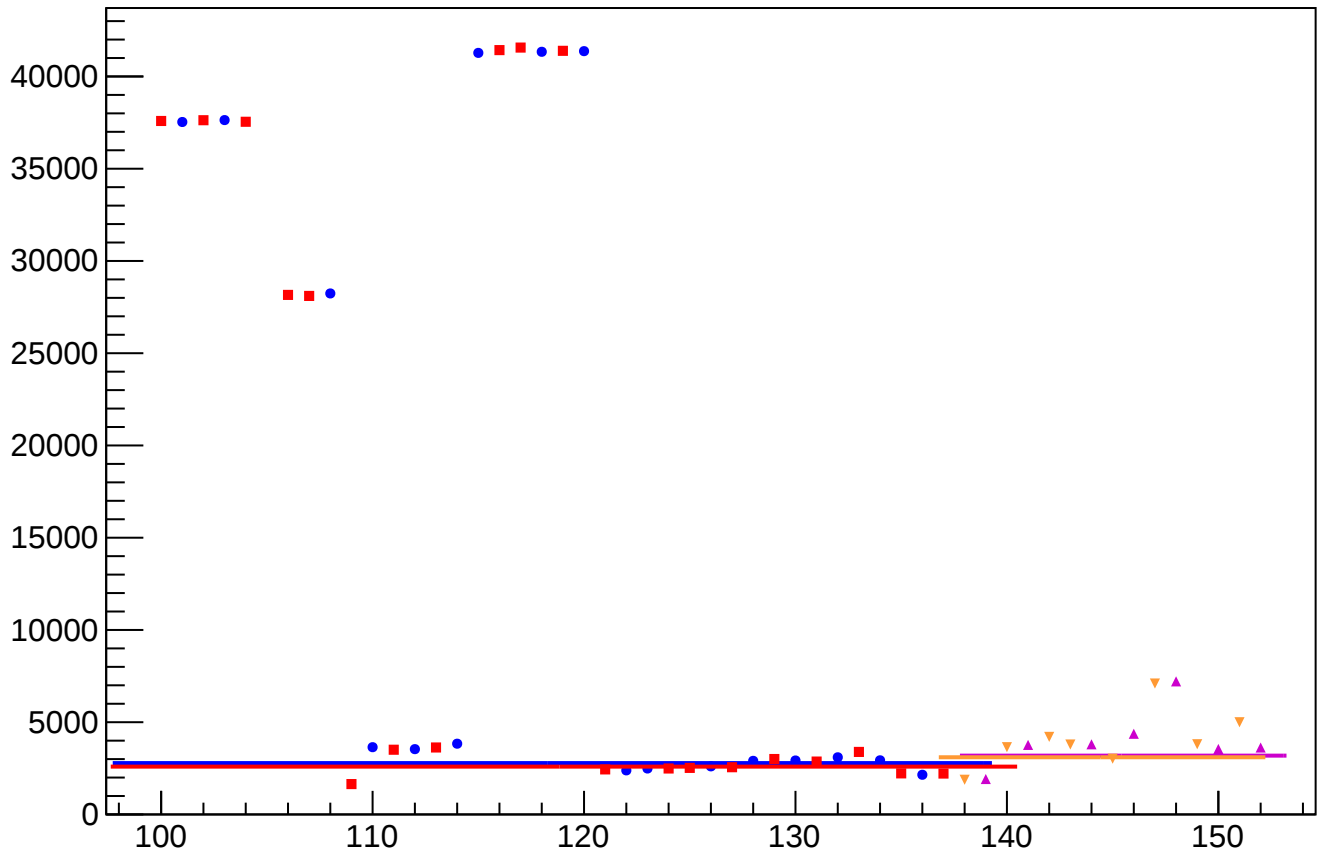
Left In: 1.816 ± 1.445 χ^2/NDF : 5.9/6

0.870 ± 0.965 χ^2/NDF : 33.9/24

1.501 ± 0.673 χ^2/NDF : 57.7/51

2.099 ± 0.939 χ^2/NDF : 22.9/26

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

Left Out: 3099.624+/-0.998 χ^2/NDF : 1461876.7/7

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

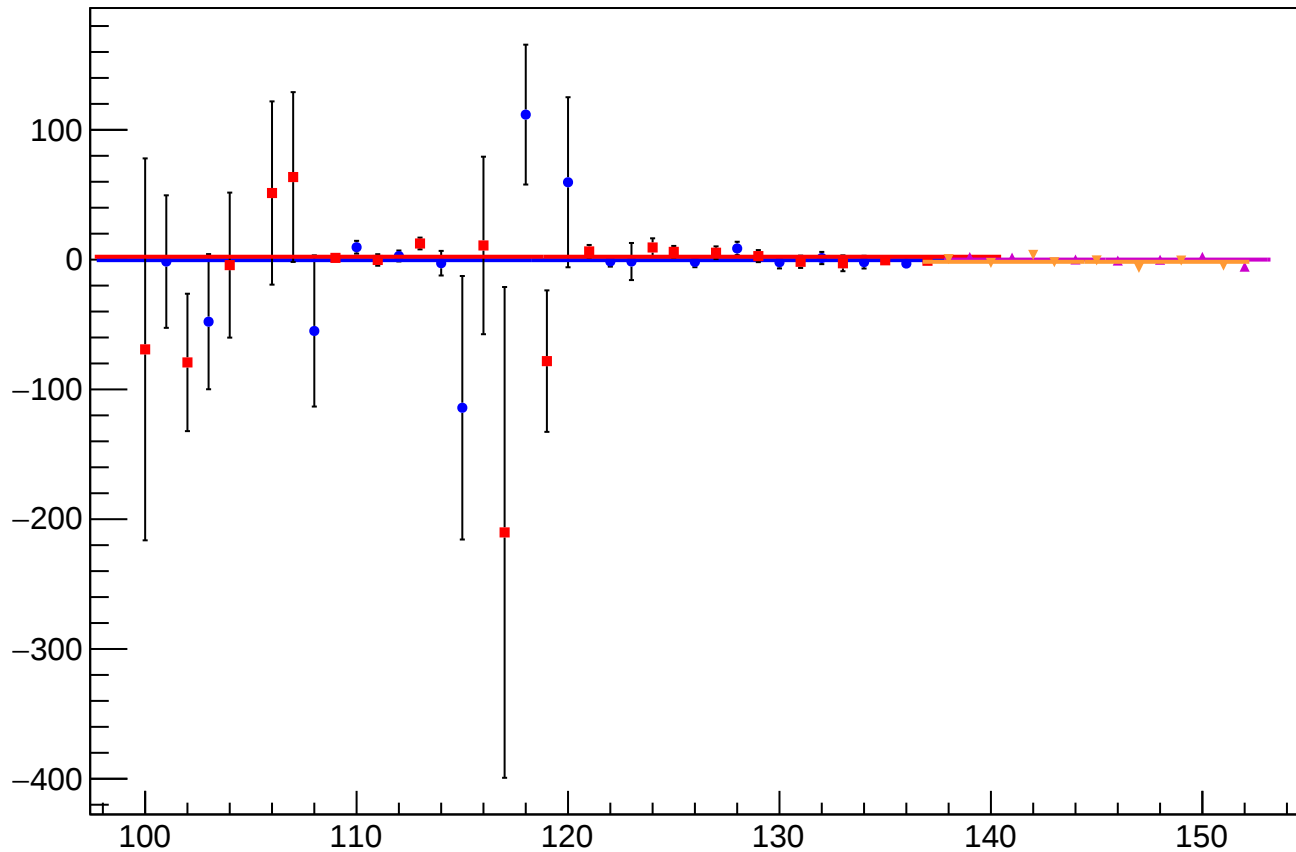
Left In: 3188.310+/-1.022 χ^2/NDF : 1280912.3/6

2931.635+/-0.683 χ^2/NDF : 6092533.0/24

2886.573+/-0.476 χ^2/NDF : 12501456.4/5

2843.972+/-0.664 χ^2/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: -1.674+/-0.678 χ^2/NDF : 15.1/7

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

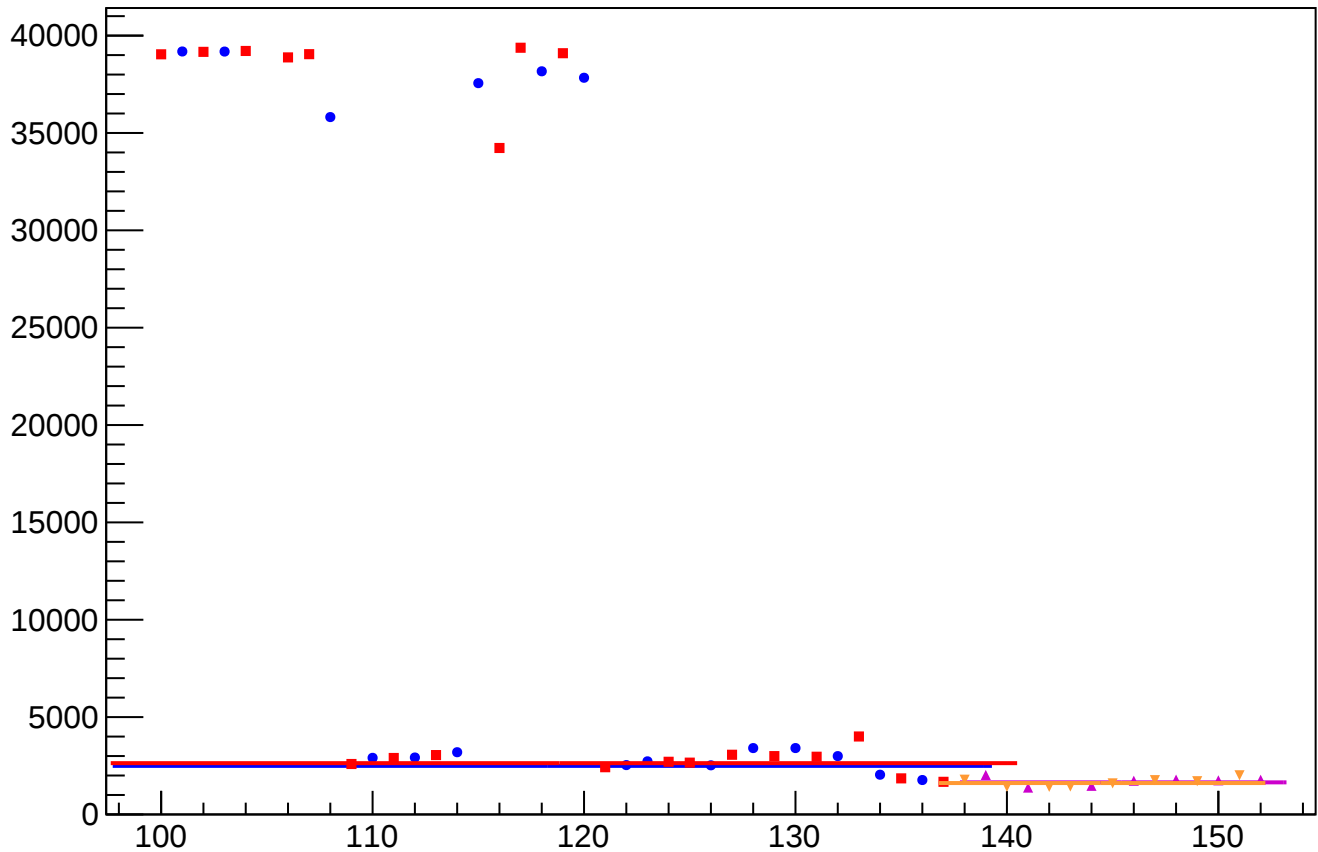
Left In: 0.028+/-0.697 χ^2/NDF : 10.8/6

-1.374+/-0.592 χ^2/NDF : 34.2/24

-0.436+/-0.424 χ^2/NDF : 71.3/51

0.555+/-0.609 χ^2/NDF : 31.9/26

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2495.603 ± 0.861 $\chi^2/\text{NDF}: 4882334.6/16$

Left Out: 1613.155 ± 0.479 $\chi^2/\text{NDF}: 158504.1/7$

Right Out: 2634.840 ± 0.881 $\chi^2/\text{NDF}: 4936039.0/19$

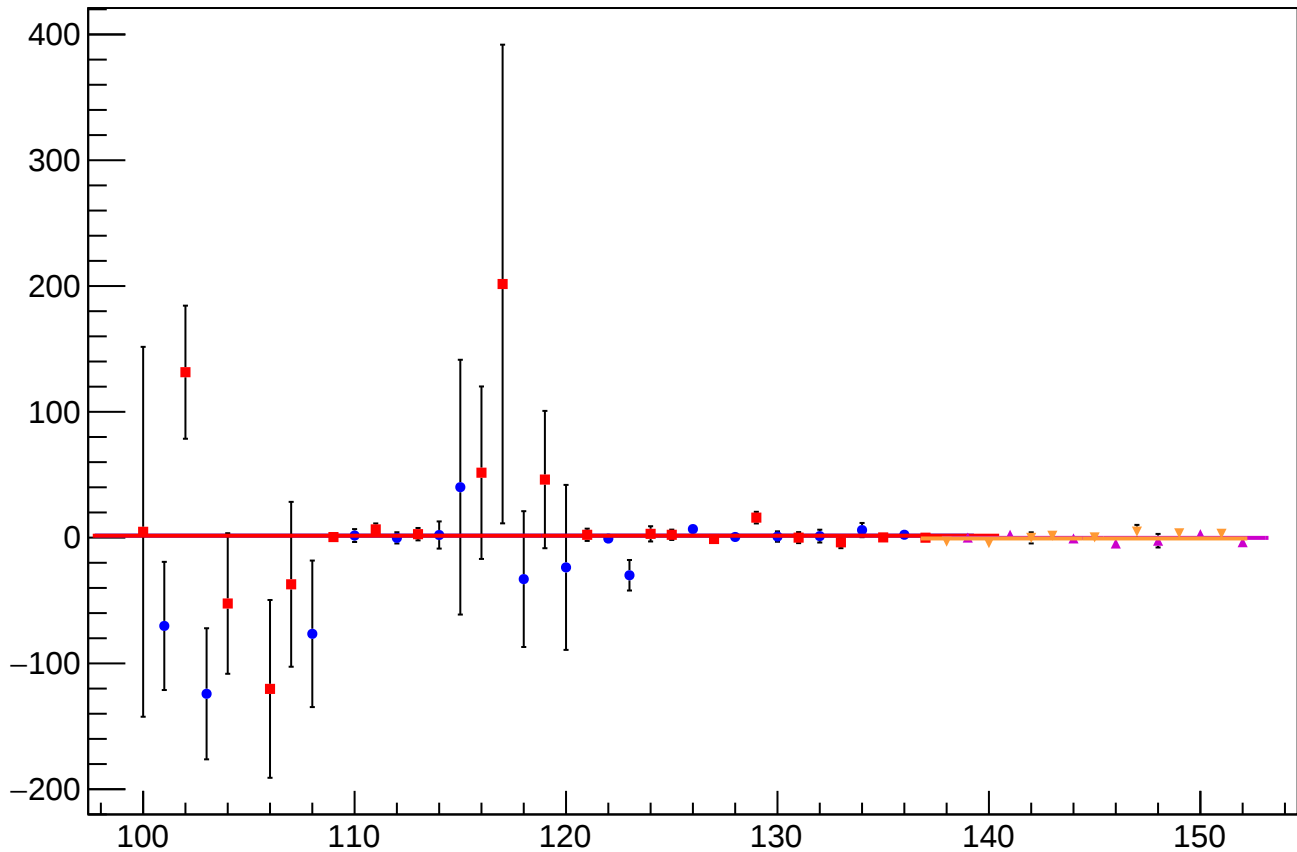
Left In: 1648.269 ± 0.493 $\chi^2/\text{NDF}: 165639.6/6$

1821.931 ± 0.419 $\chi^2/\text{NDF}: 5842507.0/24$

1851.944 ± 0.300 $\chi^2/\text{NDF}: 11909651.7/5$

1883.617 ± 0.430 $\chi^2/\text{NDF}: 6056591.9/26$

diff_bpm1p03aY_mean vs Slug, Sign Corrected



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

Left Out: -0.671+/-0.965 χ^2/NDF : 8.8/7

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

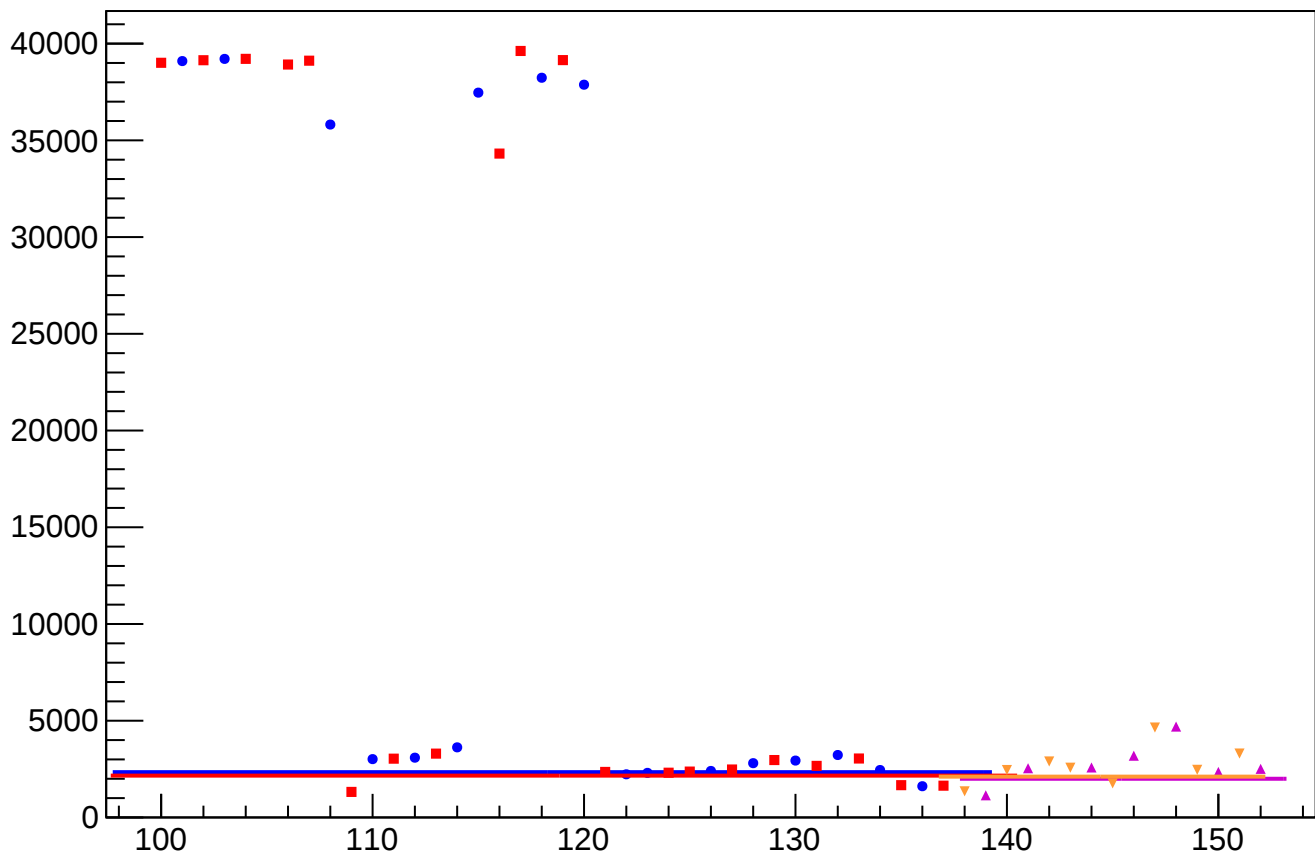
Left In: -0.192+/-0.928 χ^2/NDF : 5.4/6

0.264+/-0.737 χ^2/NDF : 31.4/24

0.417+/-0.507 χ^2/NDF : 64.5/51

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: 2109.878+/-0.682 χ^2/NDF : 1254502.6/7

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

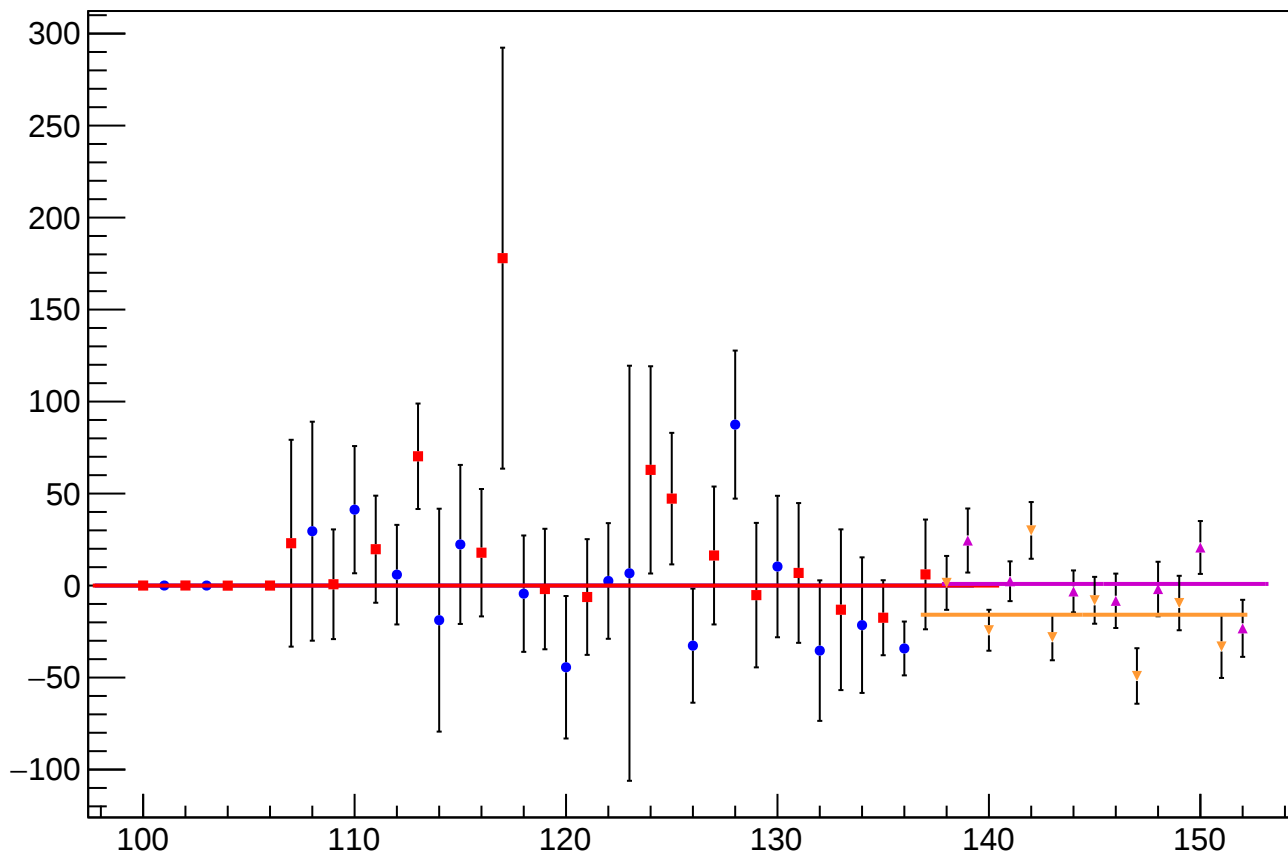
Left In: 2000.054+/-0.656 χ^2/NDF : 1734924.7/6

2206.103+/-0.521 χ^2/NDF : 6309172.5/24

2134.589+/-0.359 χ^2/NDF : 13482863.3/5

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: -15.849 ± 4.889 χ^2/NDF : 18.2/7

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

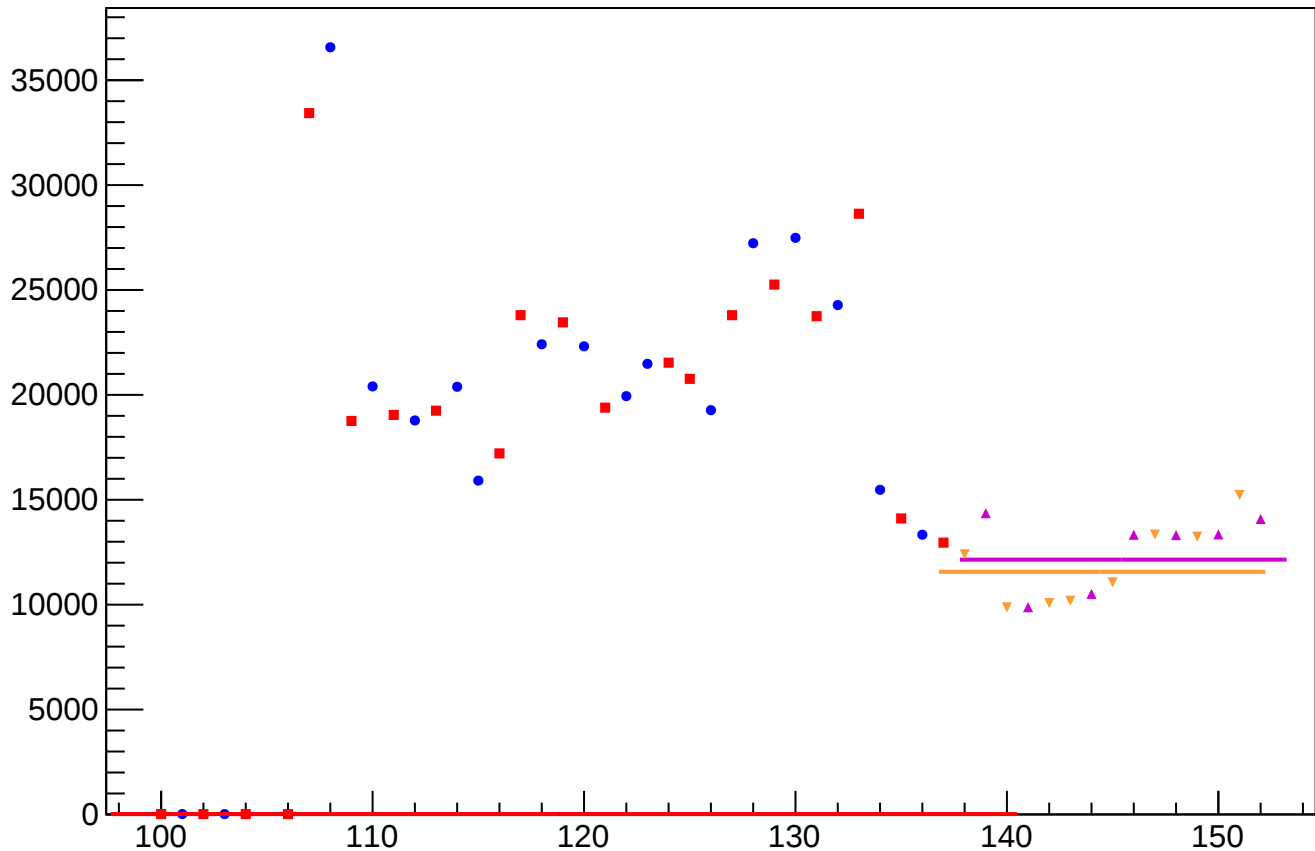
Left In: 0.888 ± 5.151 χ^2/NDF : 6.7/6

0.013 ± 0.017 χ^2/NDF : 44.9/24

0.004 ± 0.012 χ^2/NDF : 70.4/51

-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: 11567.198 ± 3.457 $\chi^2/\text{NDF}: 243866.6/7$

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

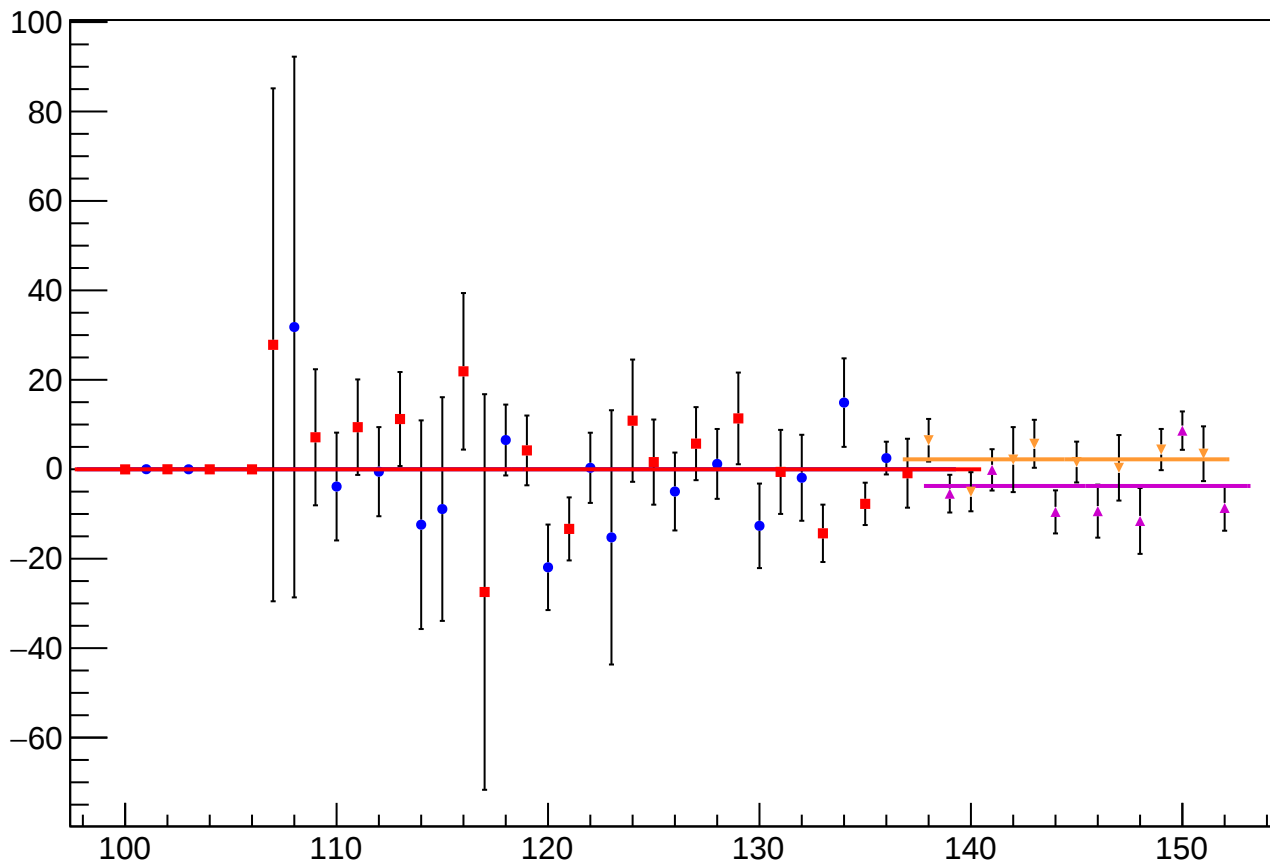
Left In: 12146.750 ± 3.643 $\chi^2/\text{NDF}: 231958.2/6$

18.787 ± 0.012 $\chi^2/\text{NDF}: 22388551.0/24$

18.595 ± 0.008 $\chi^2/\text{NDF}: 44904172.3/51$

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: 2.220 $\pm$ 1.855 χ^2/NDF : 4.3/7

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

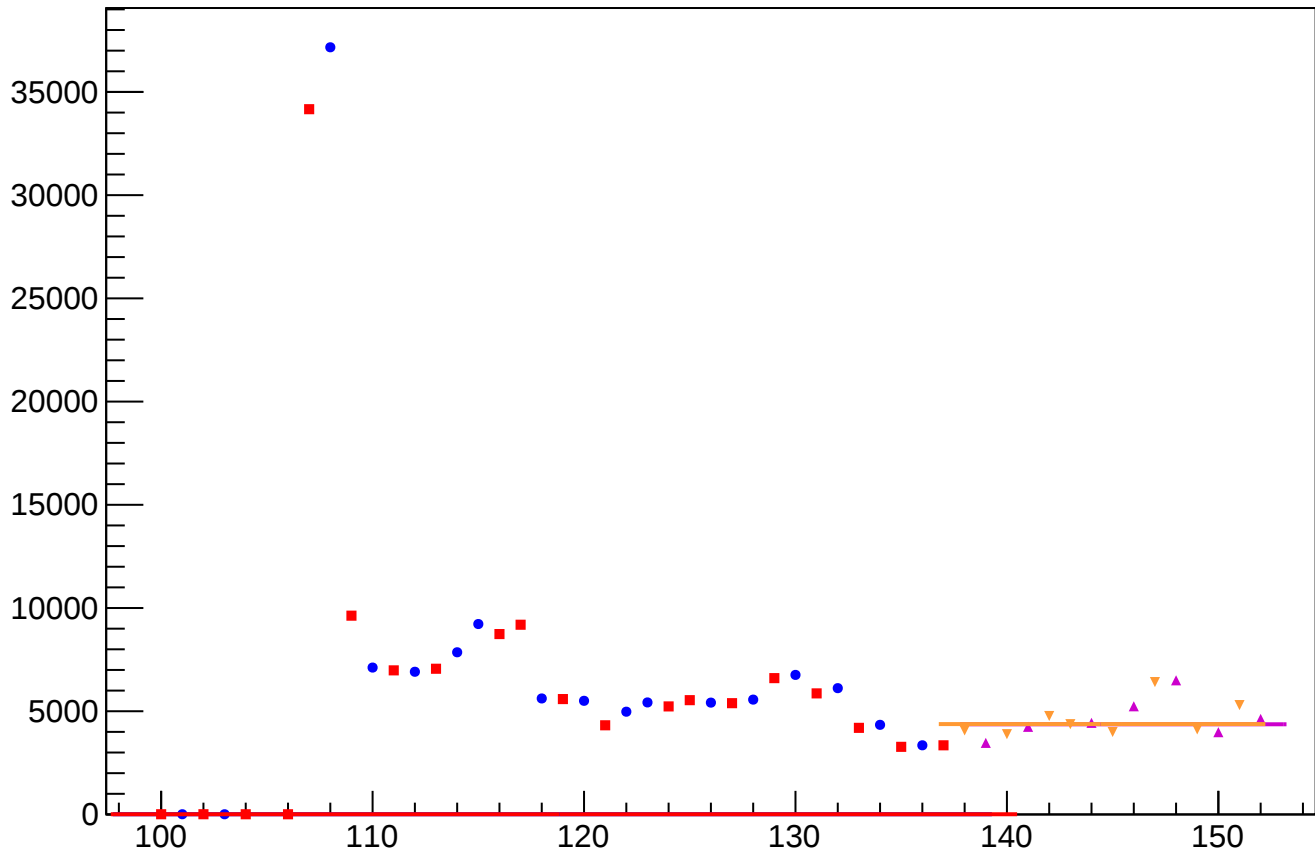
Left In: -3.736 $\pm$ 1.870 χ^2/NDF : 13.5/6

0.001 $\pm$ 0.009 χ^2/NDF : 18.8/24

-0.007 $\pm$ 0.006 χ^2/NDF : 56.6/51

-0.014 $\pm$ 0.009 χ^2/NDF : 36.4/26

diff_cav4bY_rms vs Slug, Sign Corrected



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

Left Out: 4377.704 ± 1.312 χ^2/NDF : 258937.3/7

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

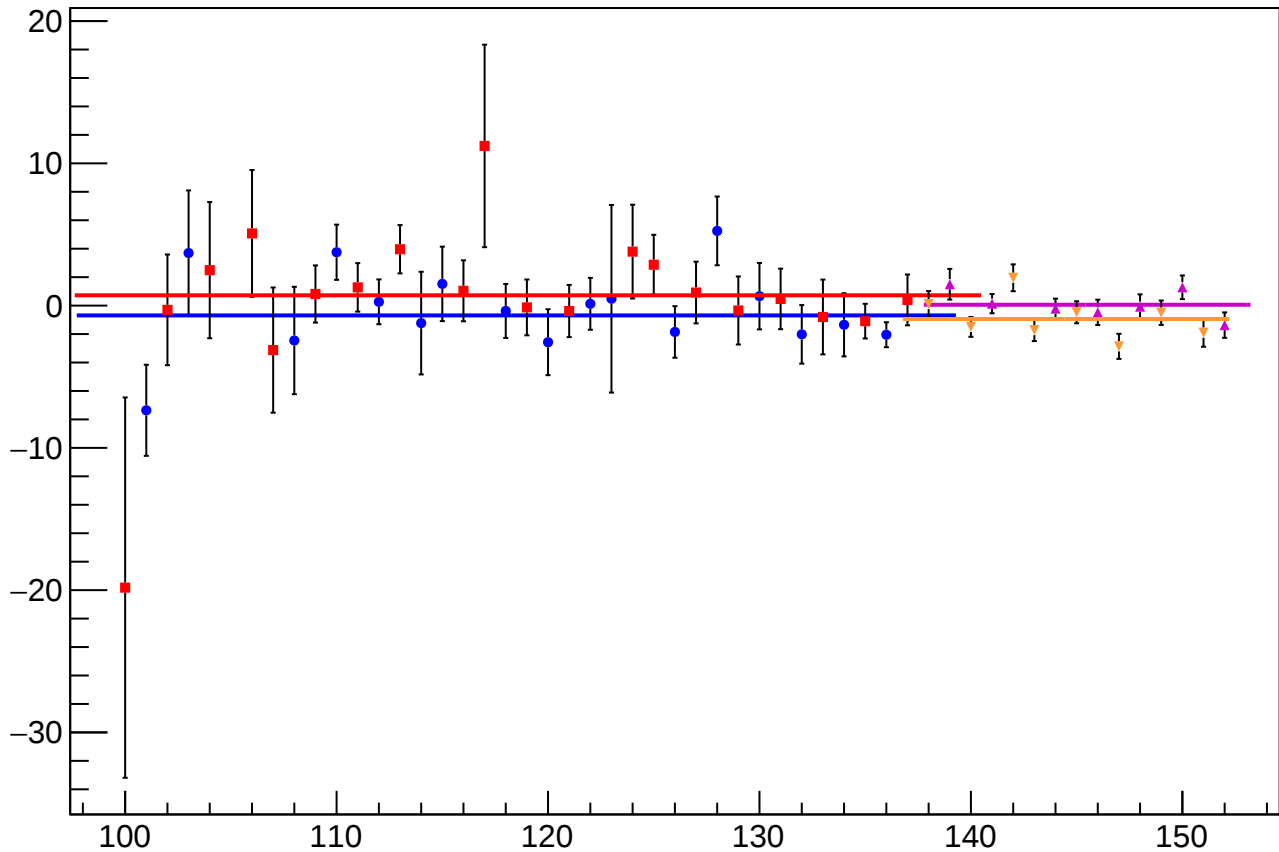
Left In: 4368.175 ± 1.323 χ^2/NDF : 324670.0/6

10.046 ± 0.007 χ^2/NDF : 22457636.7/24

9.994 ± 0.004 χ^2/NDF : 44886921.2/51

9.948 ± 0.006 χ^2/NDF : 22429162.8/26

diff_cav4cX_mean vs Slug, Sign Corrected



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

Left Out: -0.942 ± 0.296 χ^2/NDF : 18.7/7

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

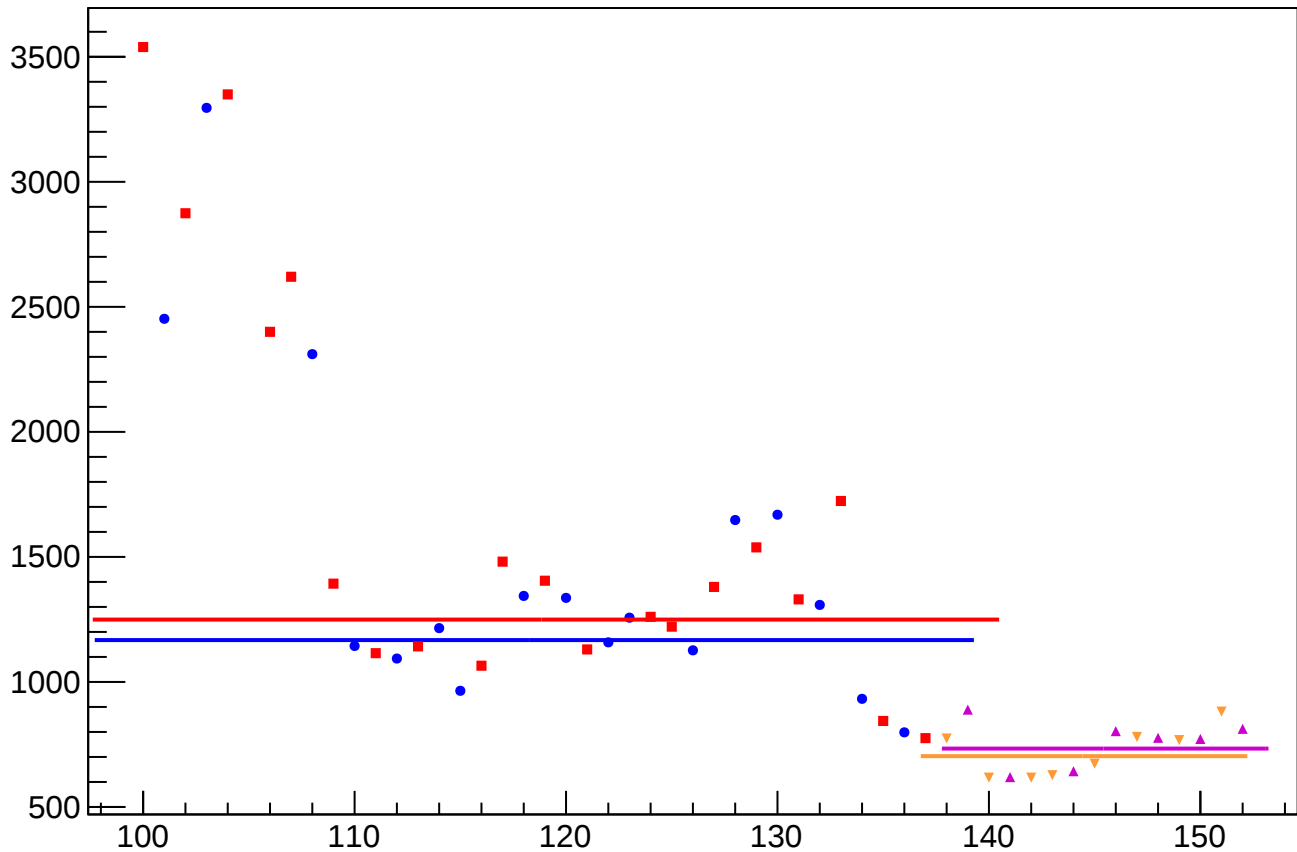
Left In: 0.060 ± 0.310 χ^2/NDF : 7.1/6

-0.872 ± 0.252 χ^2/NDF : 41.4/24

-0.338 ± 0.182 χ^2/NDF : 74.7/51

0.245 ± 0.263 χ^2/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: 703.241 +/- 0.209 χ^2/NDF : 172614.8/7

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

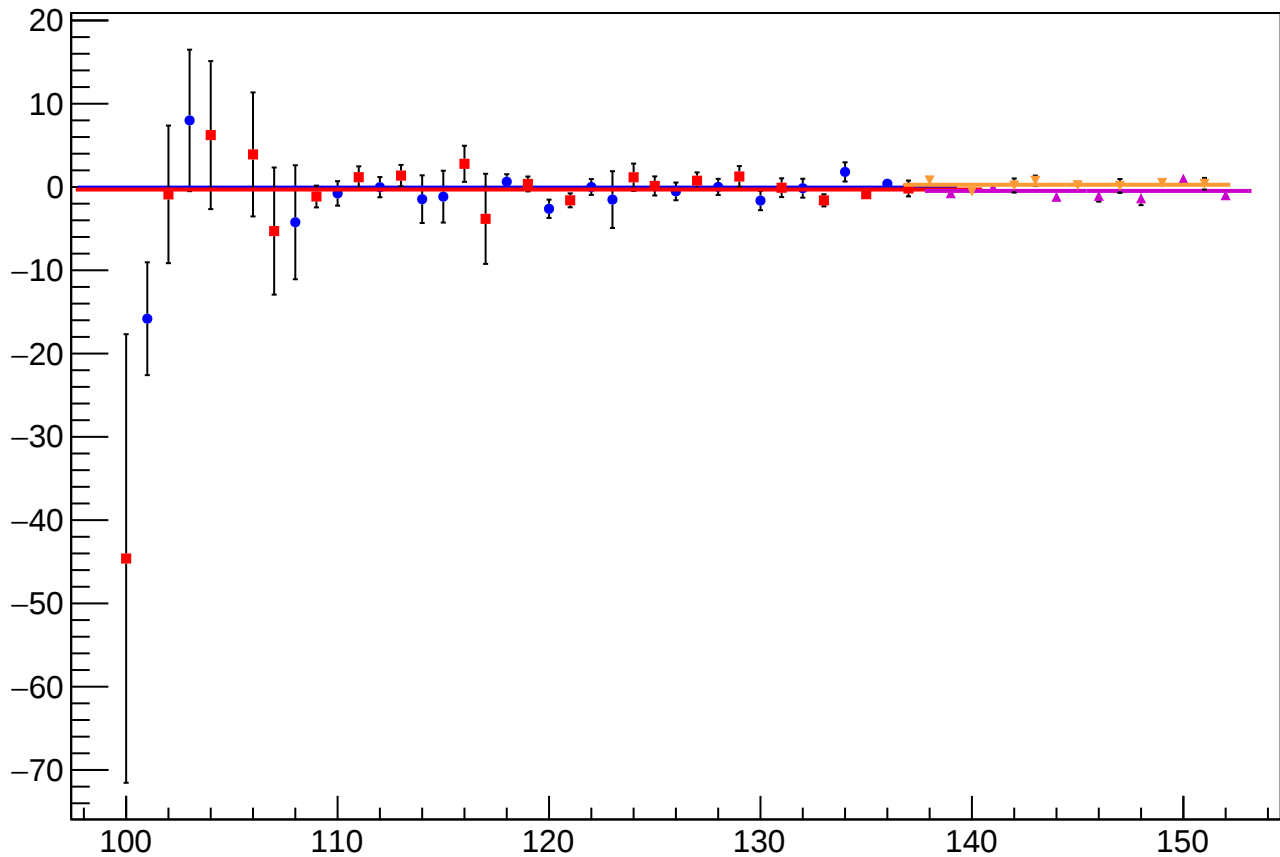
Left In: 733.481 +/- 0.219 χ^2/NDF : 169451.7/6

830.312 +/- 0.178 χ^2/NDF : 3096331.3/24

852.660 +/- 0.129 χ^2/NDF : 6495017.6/51

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: 0.269 ± 0.218 χ^2/NDF : 4.2/7

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

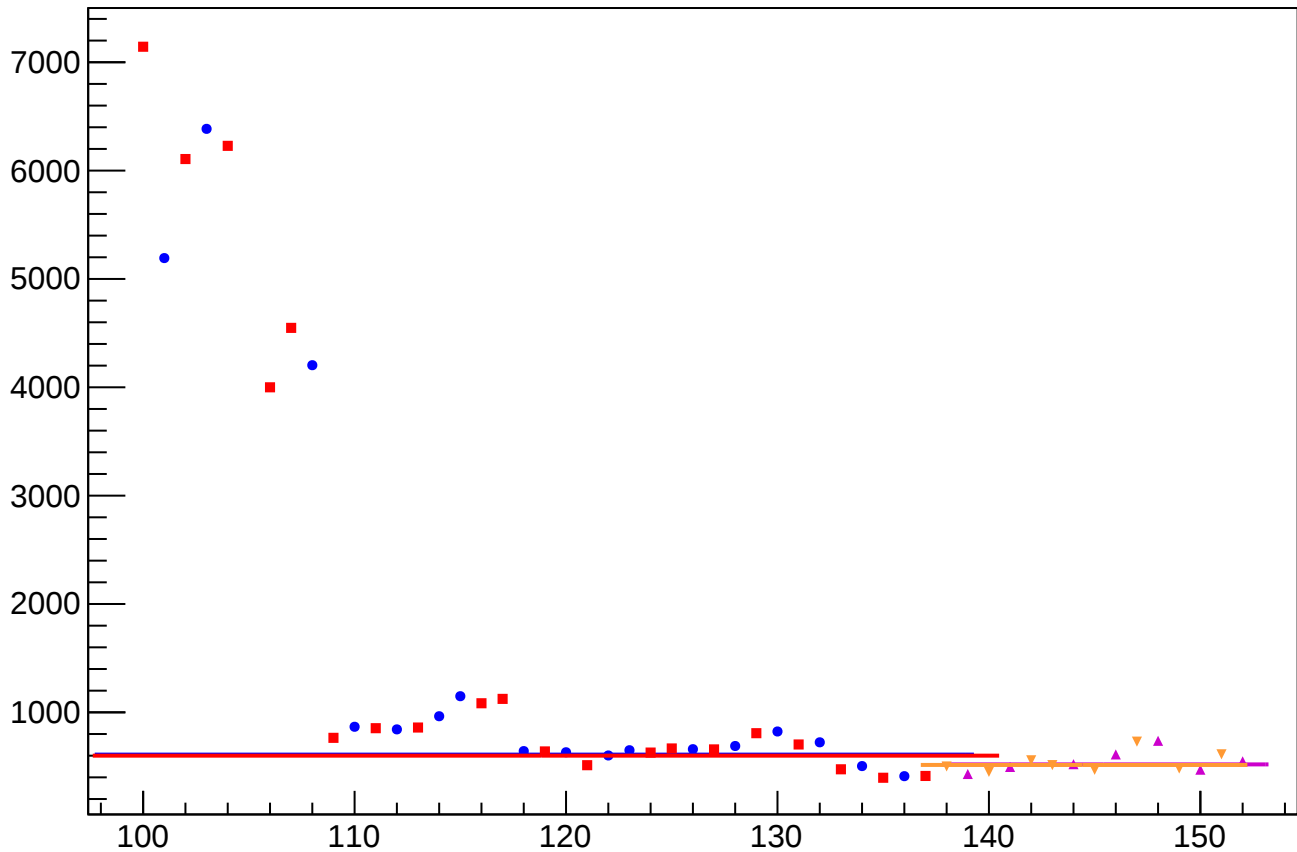
Left In: -0.470 ± 0.222 χ^2/NDF : 13.2/6

0.134 ± 0.169 χ^2/NDF : 24.4/24

-0.132 ± 0.120 χ^2/NDF : 63.5/51

-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: 514.598 $\pm$ 0.154 χ^2 /NDF: 232043.6/7

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

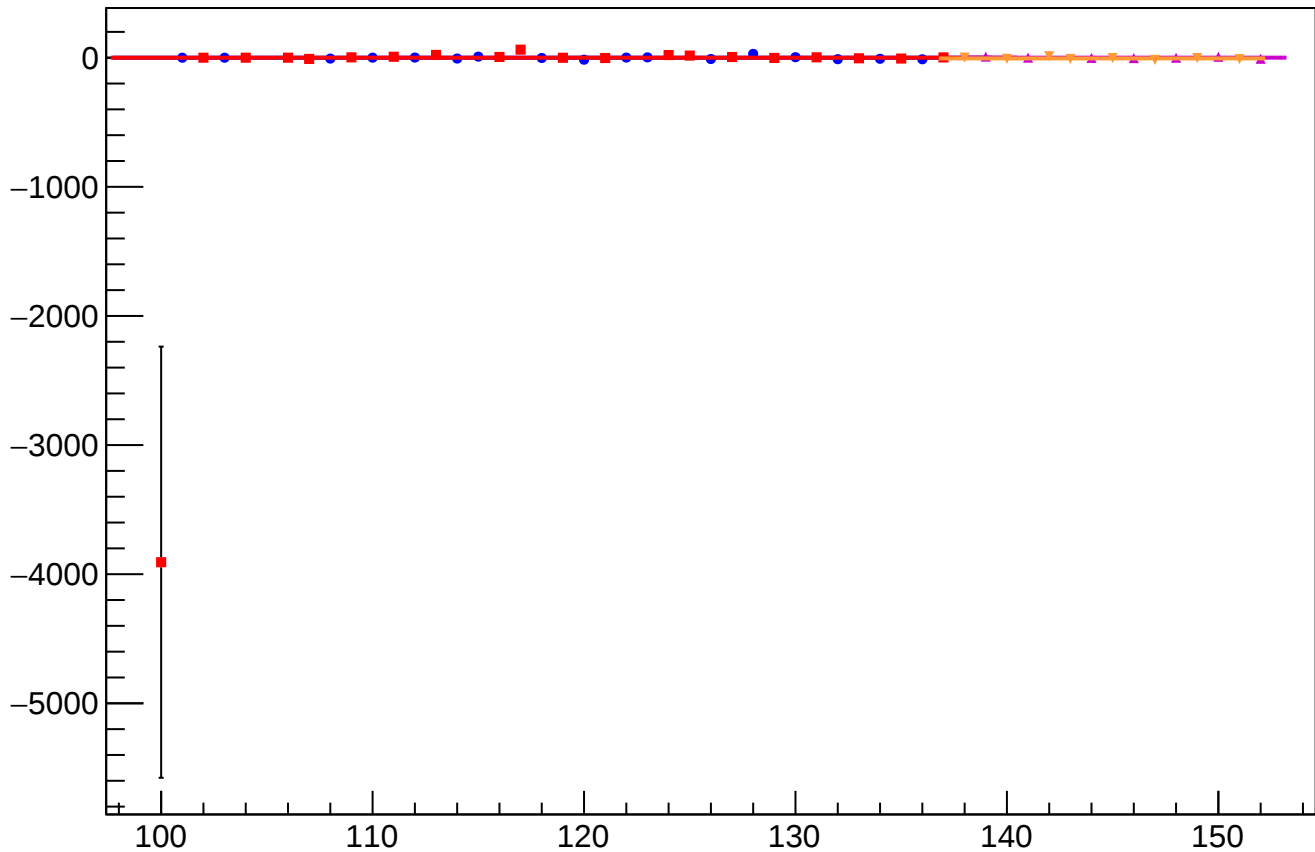
Left In: 519.548 $\pm$ 0.157 χ^2 /NDF: 255750.0/6

552.311 $\pm$ 0.120 χ^2 /NDF: 3519680.4/24

552.640 $\pm$ 0.085 χ^2 /NDF: 7456515.7/51

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

diff_cav4dX_mean vs Slug, Sign Corrected



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

Left Out: -5.429 ± 1.718 χ^2/NDF : 18.9/7

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

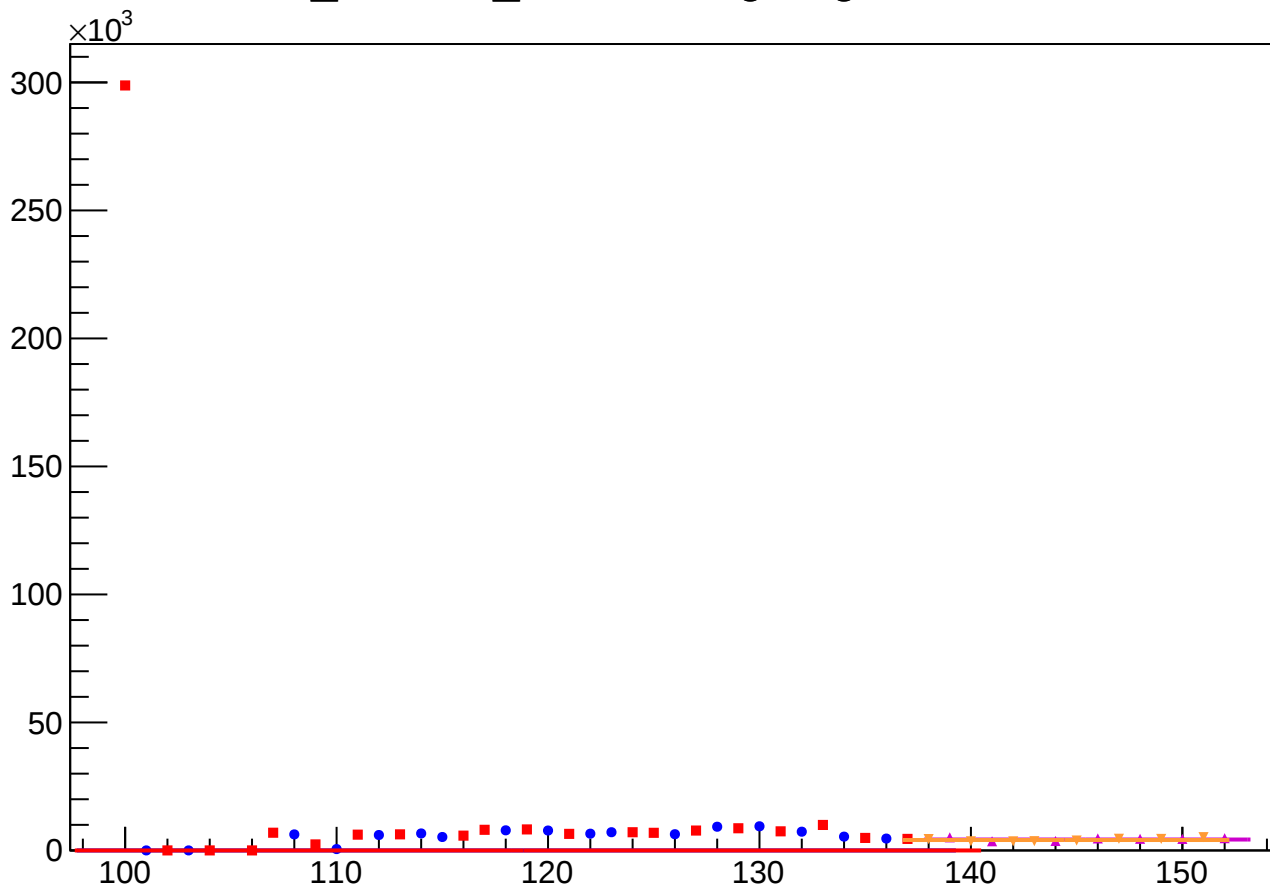
Left In: 0.364 ± 1.805 χ^2/NDF : 7.0/6

-0.022 ± 0.021 χ^2/NDF : 44.4/24

0.003 ± 0.014 χ^2/NDF : 74.9/51

0.027 ± 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: 4077.281 $\pm$ 1.215 χ^2 /NDF: 190023.4/7

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

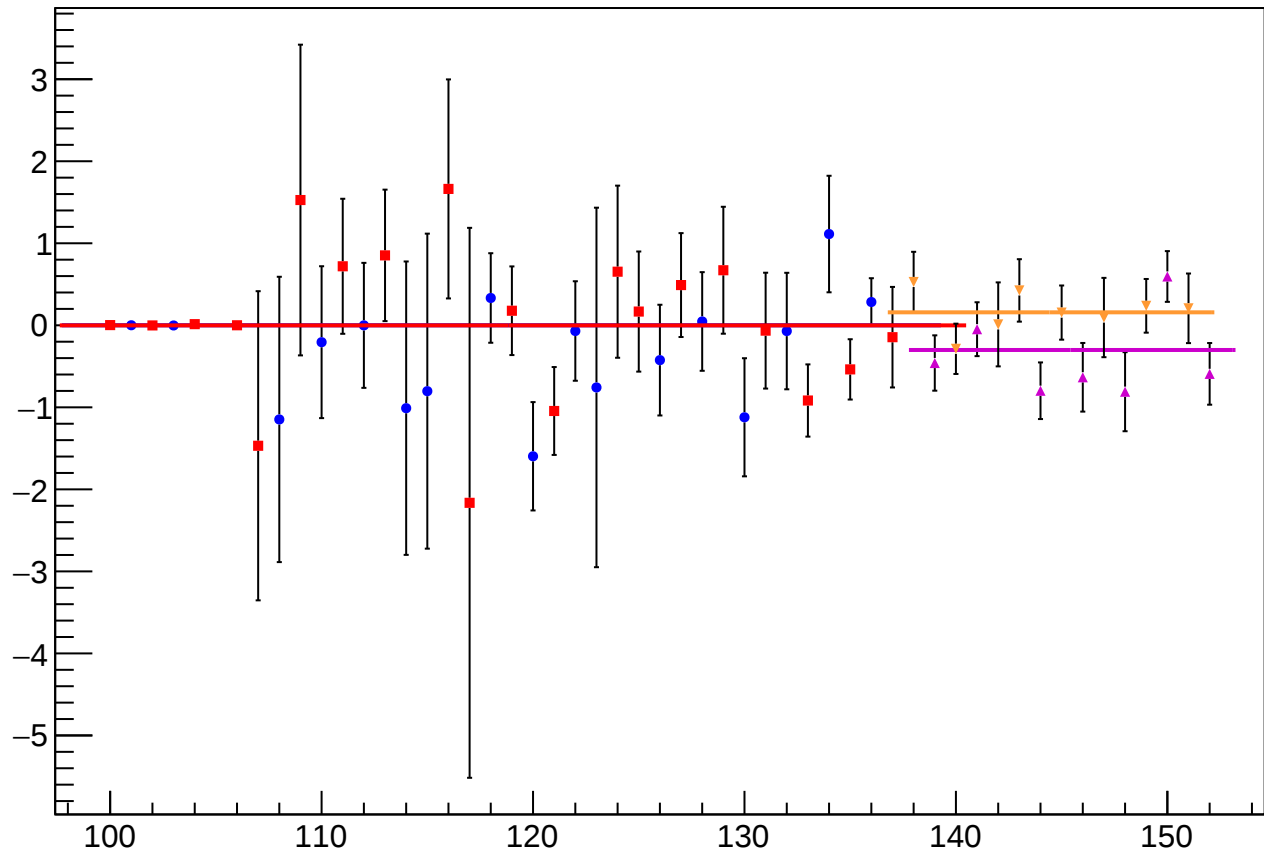
Left In: 4268.193 $\pm$ 1.277 χ^2 /NDF: 181051.2/6

17.935 $\pm$ 0.015 χ^2 /NDF: 21853927.4/24

17.854 $\pm$ 0.010 χ^2 /NDF: 44028258.7/51

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: 0.158 $\pm$ 0.132 χ^2/NDF : 3.8/7

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

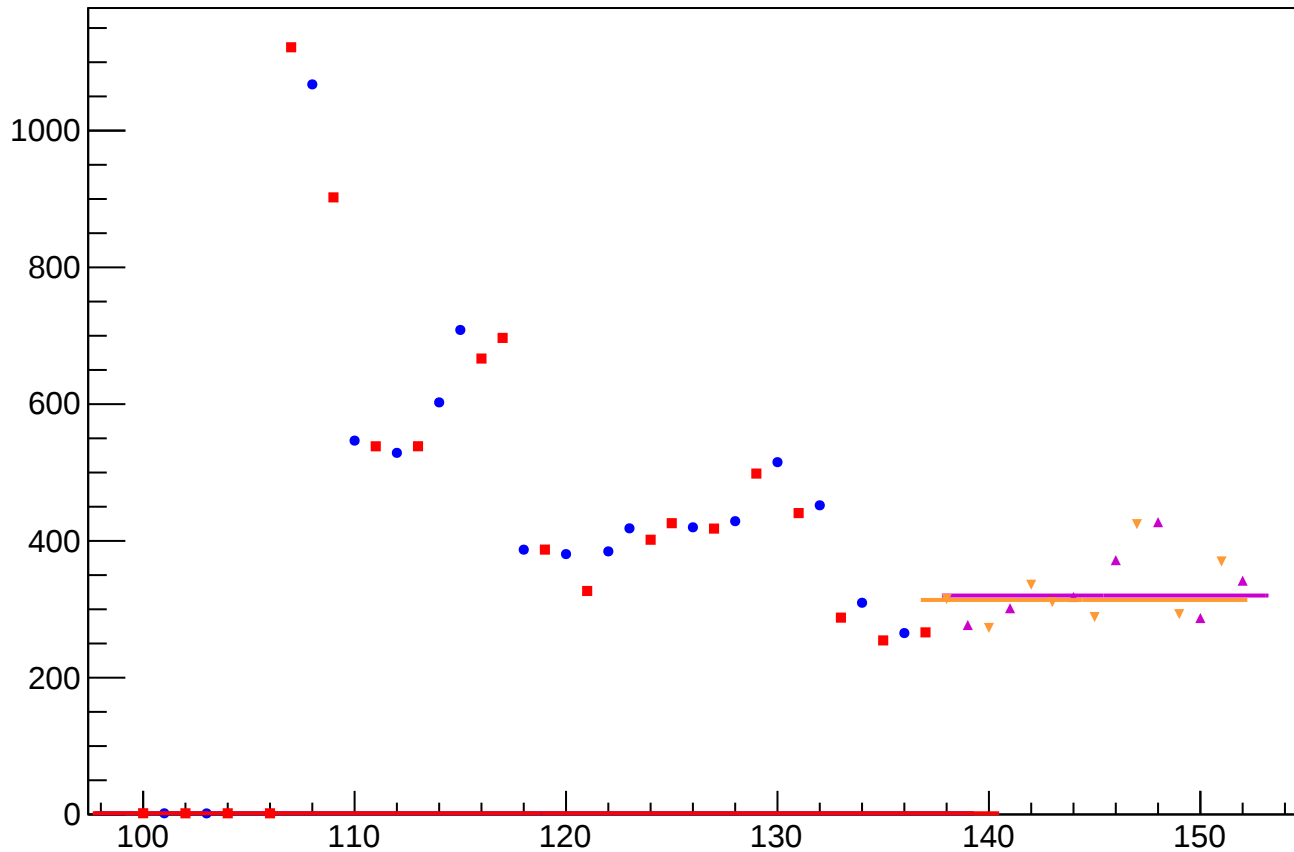
Left In: -0.301 $\pm$ 0.136 χ^2/NDF : 13.6/6

0.000 $\pm$ 0.002 χ^2/NDF : 19.0/24

-0.000 $\pm$ 0.001 χ^2/NDF : 56.0/51

-0.001 $\pm$ 0.002 χ^2/NDF : 36.8/26

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.699 $\pm$ 0.001 χ^2/NDF : 11053026.2/16

Left Out: 313.679 $\pm$ 0.094 χ^2/NDF : 199281.4/7

Right Out: 1.729 $\pm$ 0.001 χ^2/NDF : 10829914.3/19

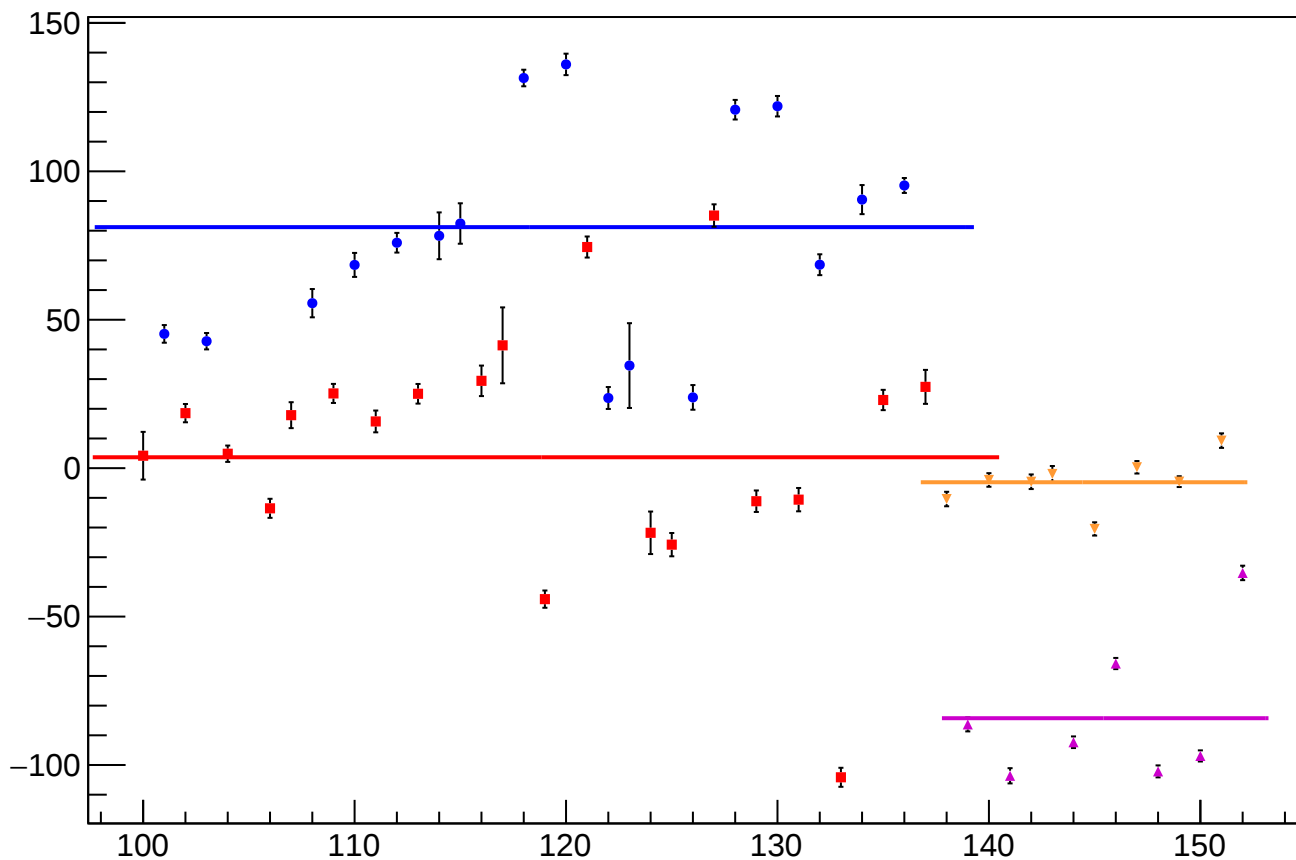
Left In: 320.118 $\pm$ 0.096 χ^2/NDF : 198177.2/6

1.772 $\pm$ 0.001 χ^2/NDF : 22362162.7/24

1.783 $\pm$ 0.001 χ^2/NDF : 44337617.1/51

1.793 $\pm$ 0.001 χ^2/NDF : 21975341.7/26

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

Left Out: -4.745 $\pm$ 0.801 χ^2 /NDF: 94.5/7

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

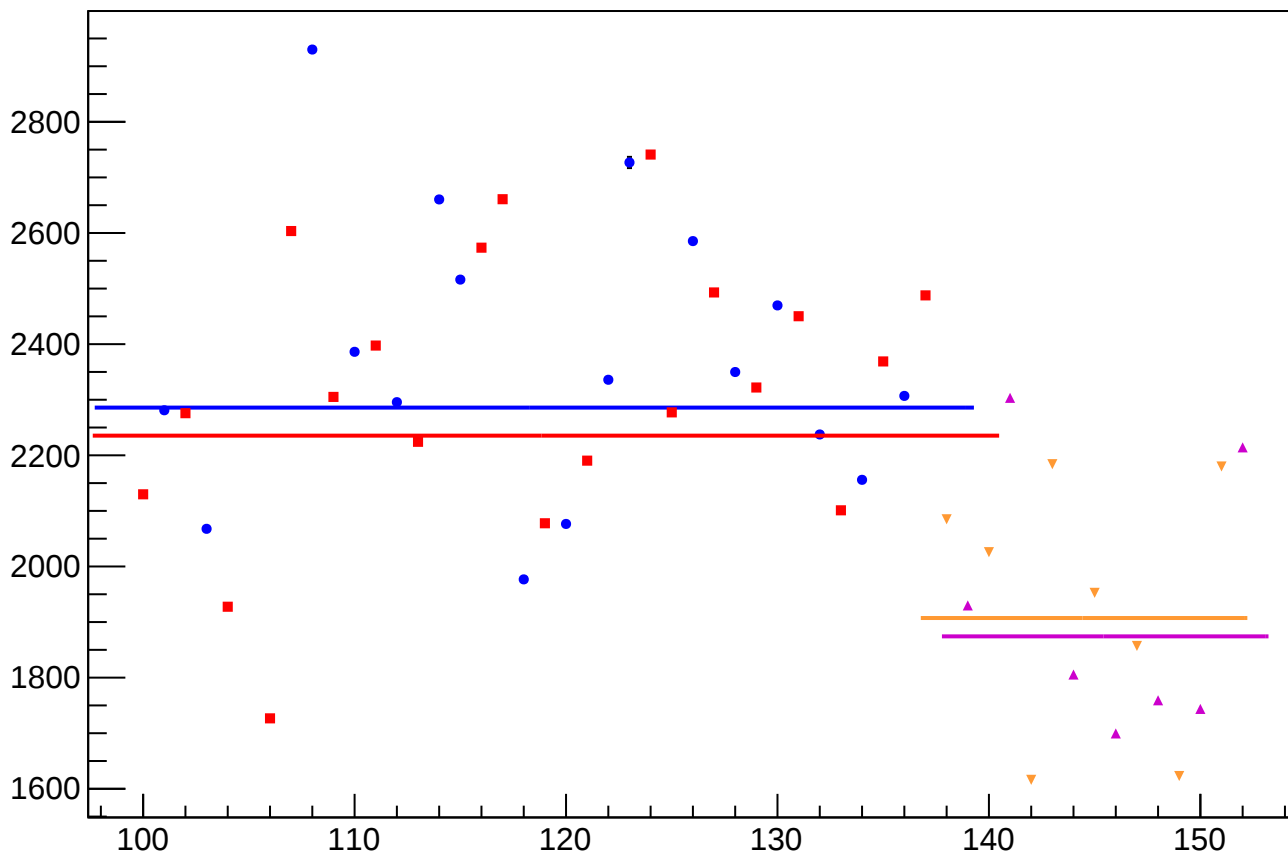
Left In: -84.238 $\pm$ 0.798 χ^2 /NDF: 697.9/6

33.947 $\pm$ 0.594 χ^2 /NDF: 6981.6/24

-5.316 $\pm$ 0.415 χ^2 /NDF: 24544.8/51

-42.565 $\pm$ 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: 1907.273 +/- 0.567 χ^2/NDF : 140751.6/7

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

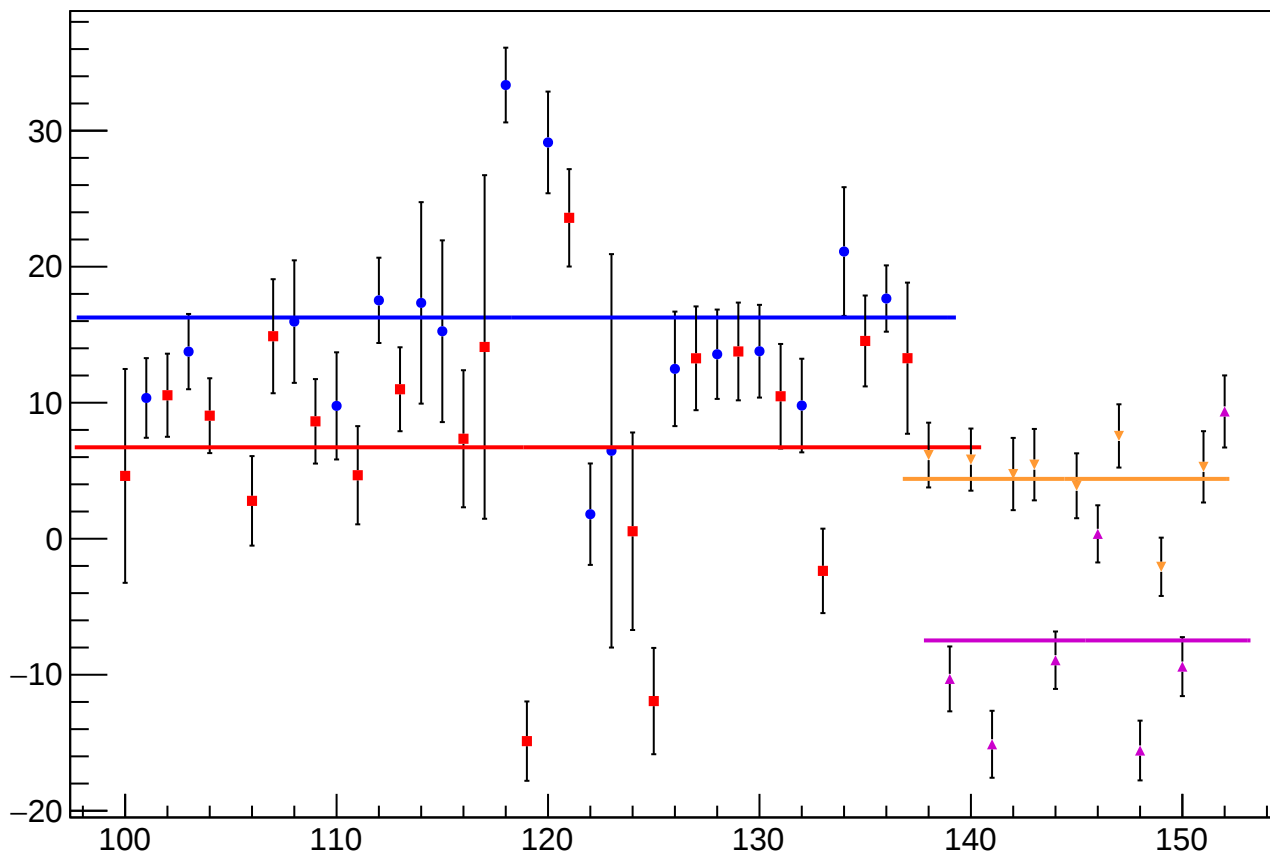
Left In: 1874.253 +/- 0.564 χ^2/NDF : 131629.2/6

2077.708 +/- 0.420 χ^2/NDF : 450995.9/24

2061.154 +/- 0.293 χ^2/NDF : 928835.4/51

2045.449 +/- 0.409 χ^2/NDF : 474815.3/26

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.265 ± 0.872 $\chi^2/\text{NDF}: 80.8/16$

Left Out: 4.400 ± 0.852 $\chi^2/\text{NDF}: 12.2/7$

Right Out: 6.722 ± 0.829 $\chi^2/\text{NDF}: 134.3/19$

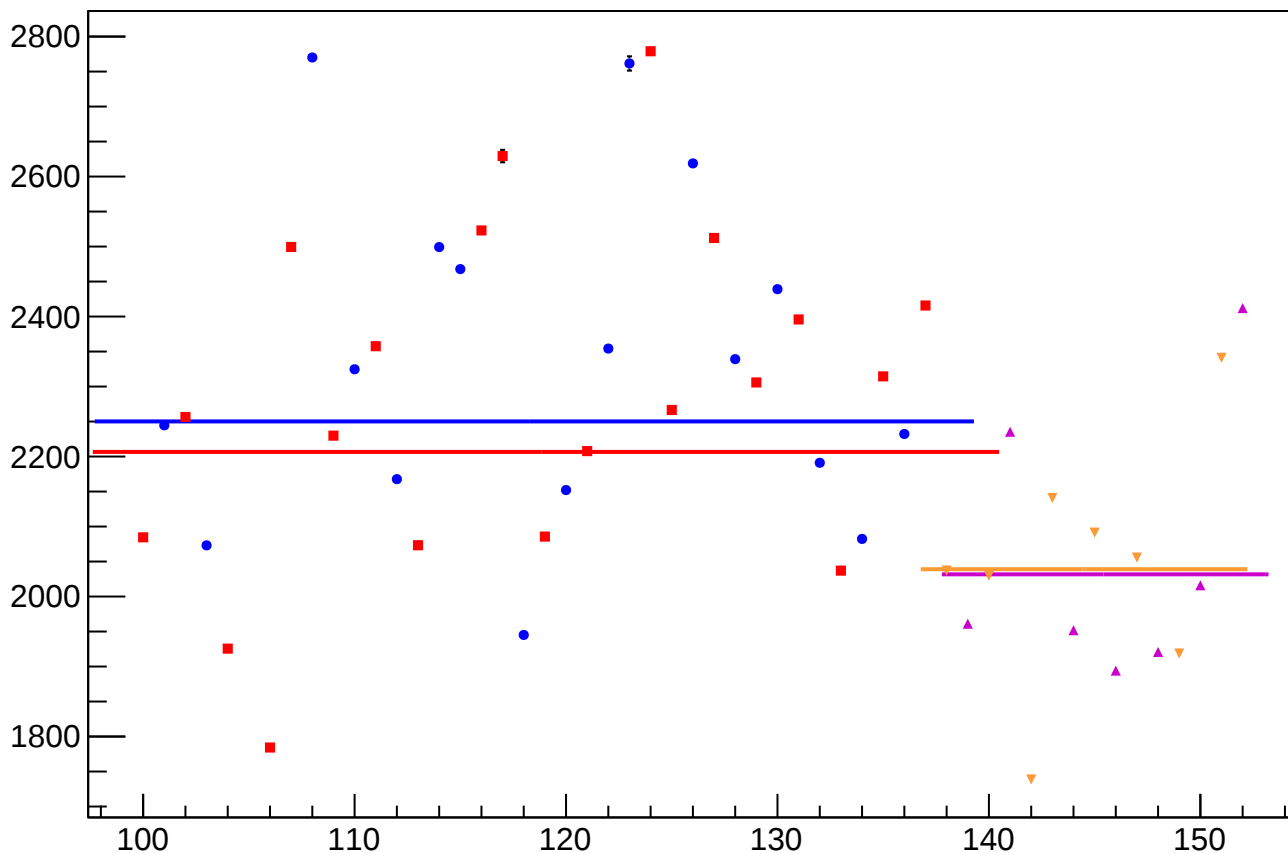
Left In: -7.477 ± 0.859 $\chi^2/\text{NDF}: 80.1/6$

10.196 ± 0.609 $\chi^2/\text{NDF}: 187.8/24$

4.931 ± 0.426 $\chi^2/\text{NDF}: 690.0/51$

-0.121 ± 0.597 $\chi^2/\text{NDF}: 355.8/26$

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2250.175 ± 0.616 $\chi^2/\text{NDF}: 97578.1/16$

Left Out: 2039.029 ± 0.602 $\chi^2/\text{NDF}: 62540.6/7$

Right Out: 2206.617 ± 0.586 $\chi^2/\text{NDF}: 128476.5/19$

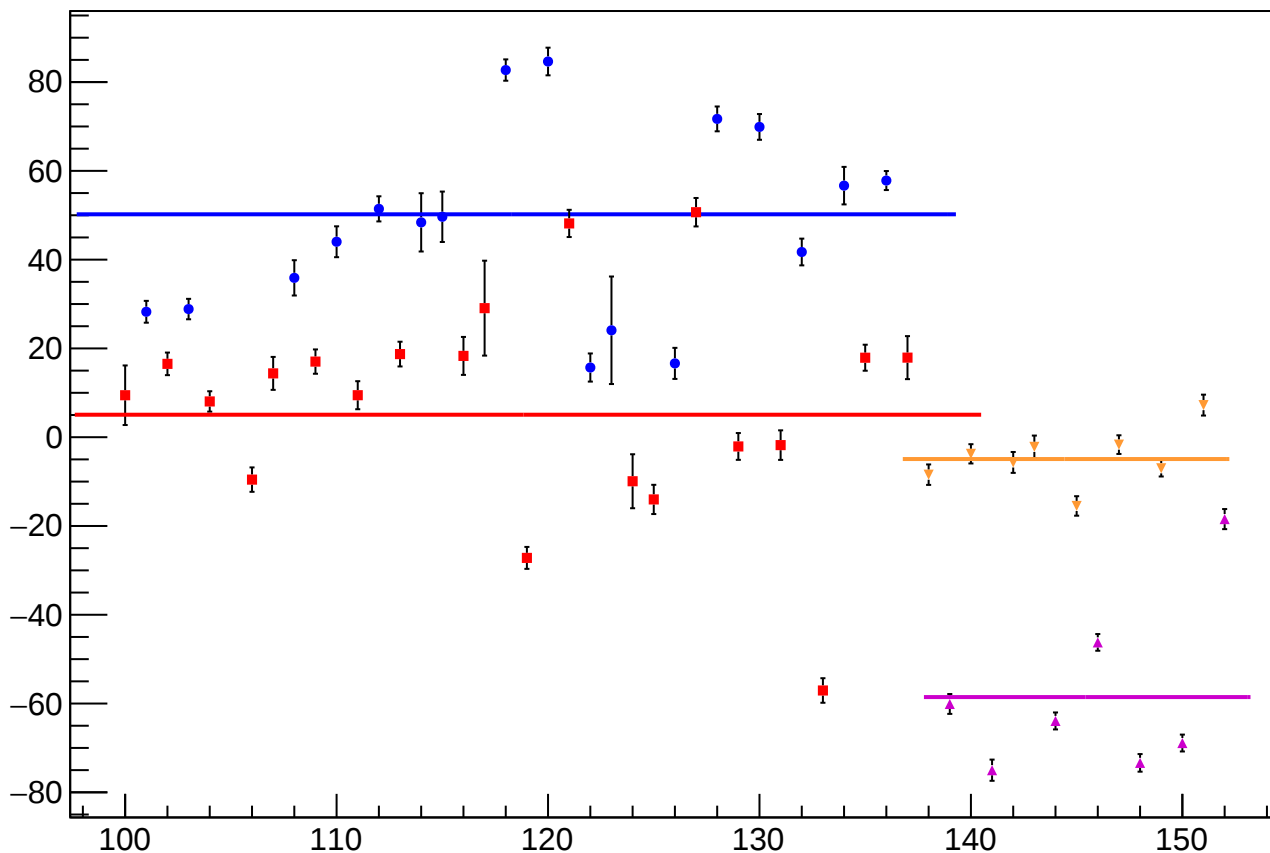
Left In: 2031.715 ± 0.608 $\chi^2/\text{NDF}: 73255.5/6$

2142.176 ± 0.431 $\chi^2/\text{NDF}: 220165.4/24$

2132.045 ± 0.301 $\chi^2/\text{NDF}: 465890.0/51$

2122.325 ± 0.422 $\chi^2/\text{NDF}: 244640.5/26$

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left Out: -4.919+/-0.781 χ^2/NDF : 57.4/7

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

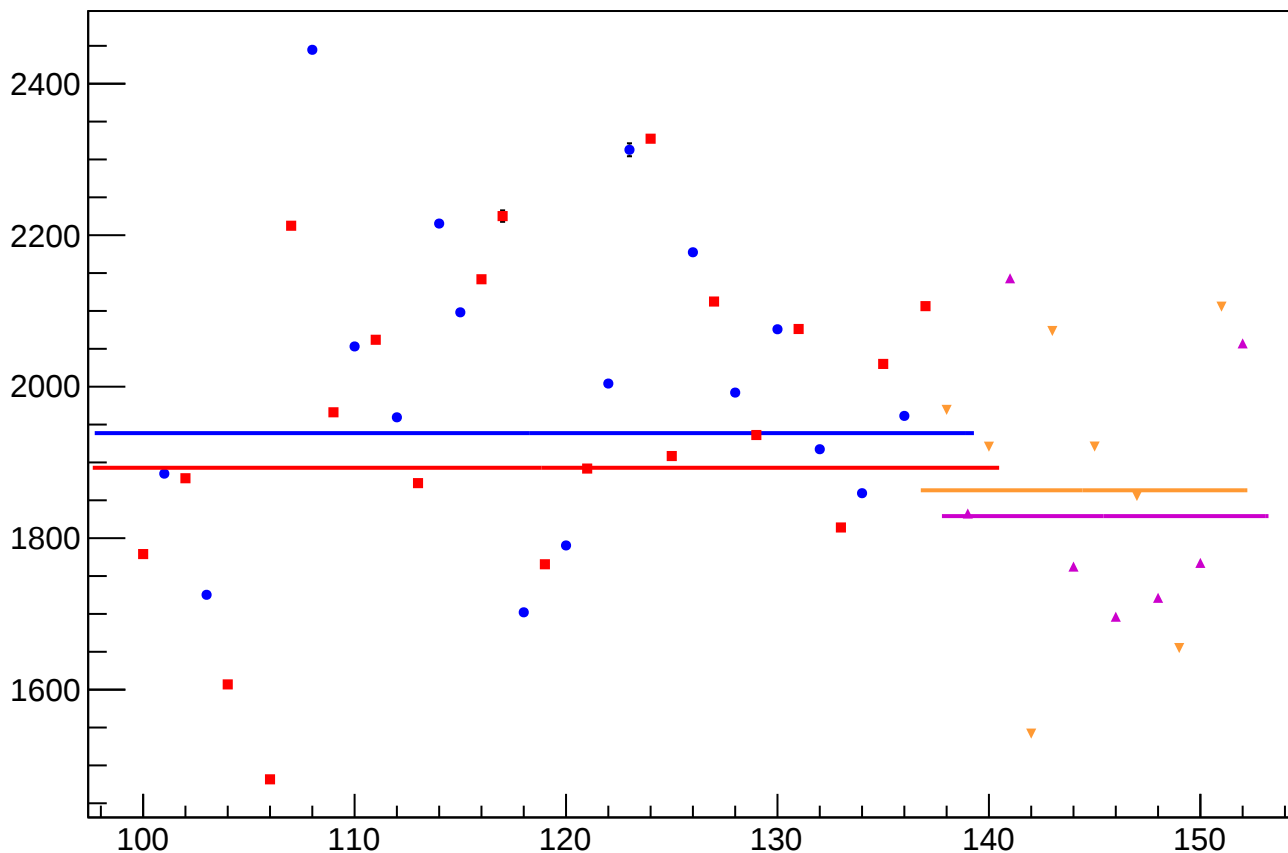
Left In: -58.543+/-0.777 χ^2/NDF : 498.1/6

23.720+/-0.541 χ^2/NDF : 3479.2/24

-0.853+/-0.377 χ^2/NDF : 12891.9/51

-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: 1863.206 +/- 0.552 χ^2/NDF : 104499.0/7

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

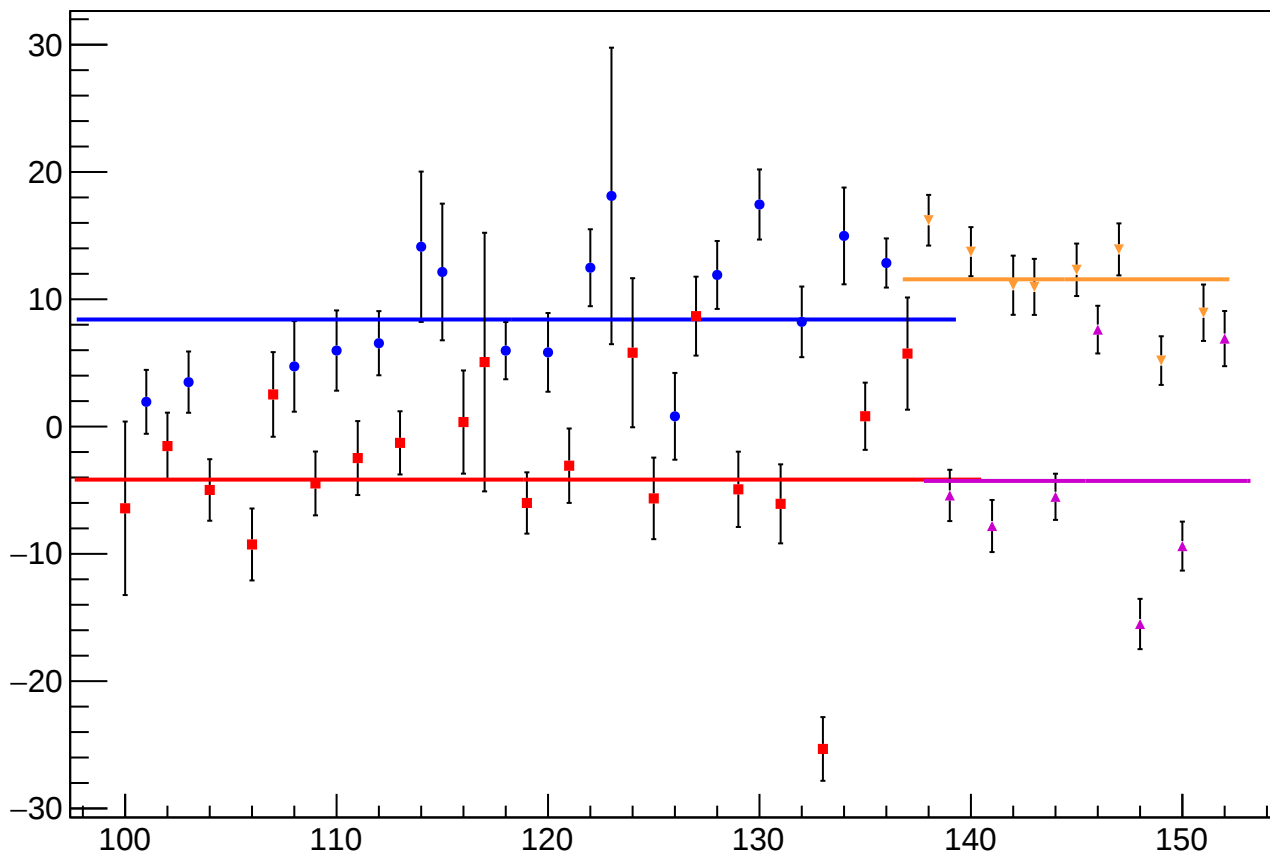
Left In: 1829.137 +/- 0.549 χ^2/NDF : 75291.1/6

1902.414 +/- 0.383 χ^2/NDF : 214357.1/24

1882.528 +/- 0.266 χ^2/NDF : 450789.4/51

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: 11.569+/-0.732 χ^2/NDF : 20.8/7

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

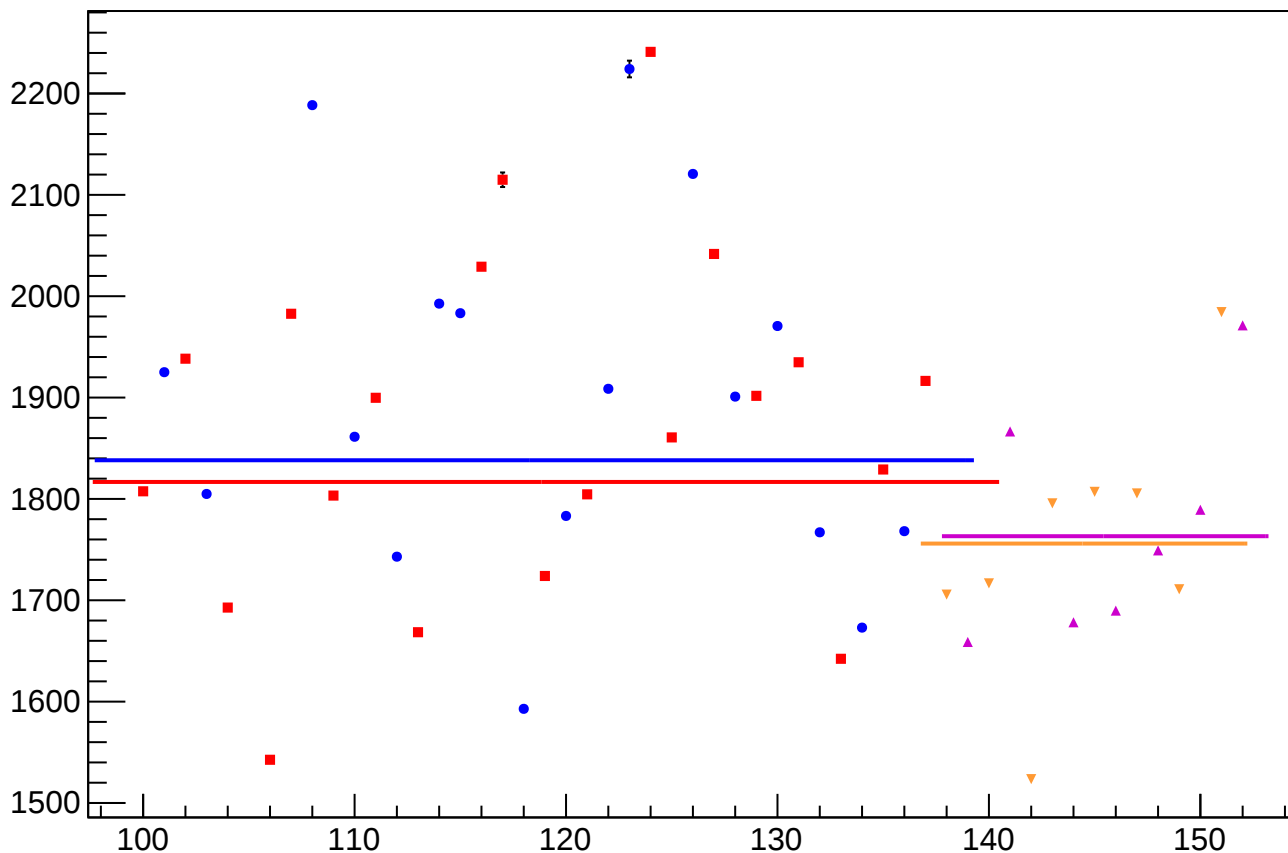
Left In: -4.269+/-0.743 χ^2/NDF : 110.2/6

9.944+/-0.510 χ^2/NDF : 75.0/24

2.749+/-0.358 χ^2/NDF : 690.4/51

-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: 1755.949 $\pm$ 0.518 χ^2/NDF : 47535.8/7

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

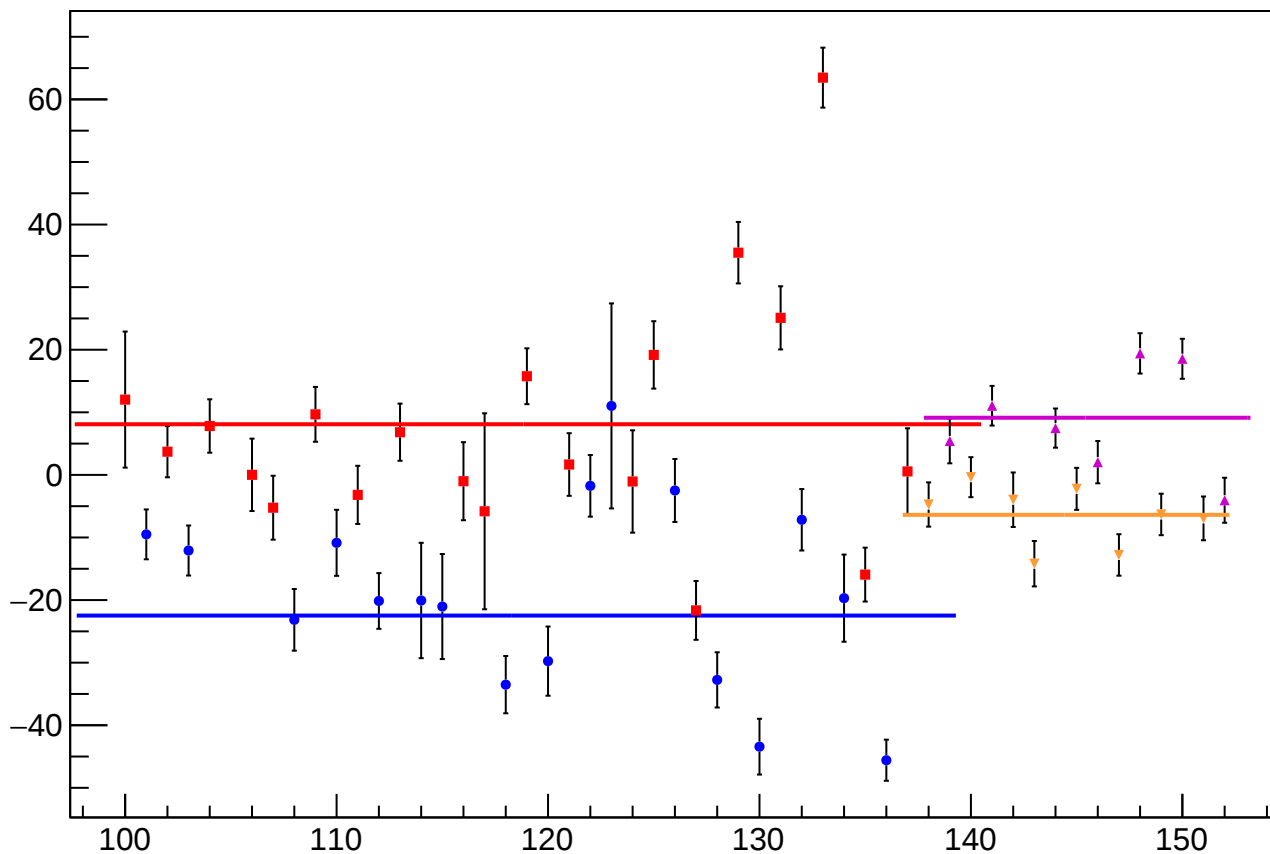
Left In: 1763.216 $\pm$ 0.525 χ^2/NDF : 36824.7/6

1798.239 $\pm$ 0.361 χ^2/NDF : 143382.4/24

1795.221 $\pm$ 0.253 χ^2/NDF : 275140.7/51

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: -6.382 $\pm$ 1.231 χ^2 /NDF: 14.0/7

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

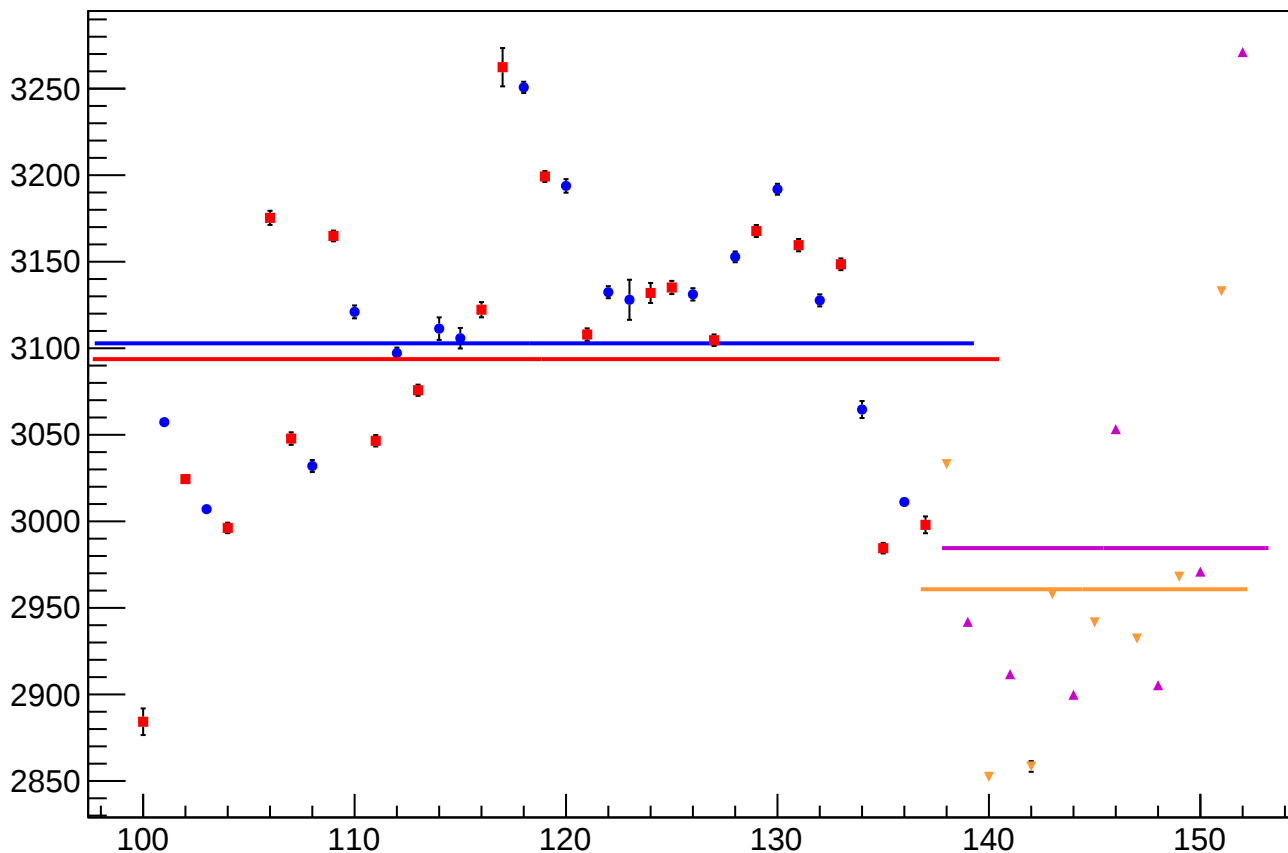
Left In: 9.133 $\pm$ 1.251 χ^2 /NDF: 38.5/6

-14.672 $\pm$ 0.857 χ^2 /NDF: 256.7/24

-2.920 $\pm$ 0.603 χ^2 /NDF: 944.8/51

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: 2960.768 $\pm$ 0.871 χ^2 /NDF: 9317.8/7

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

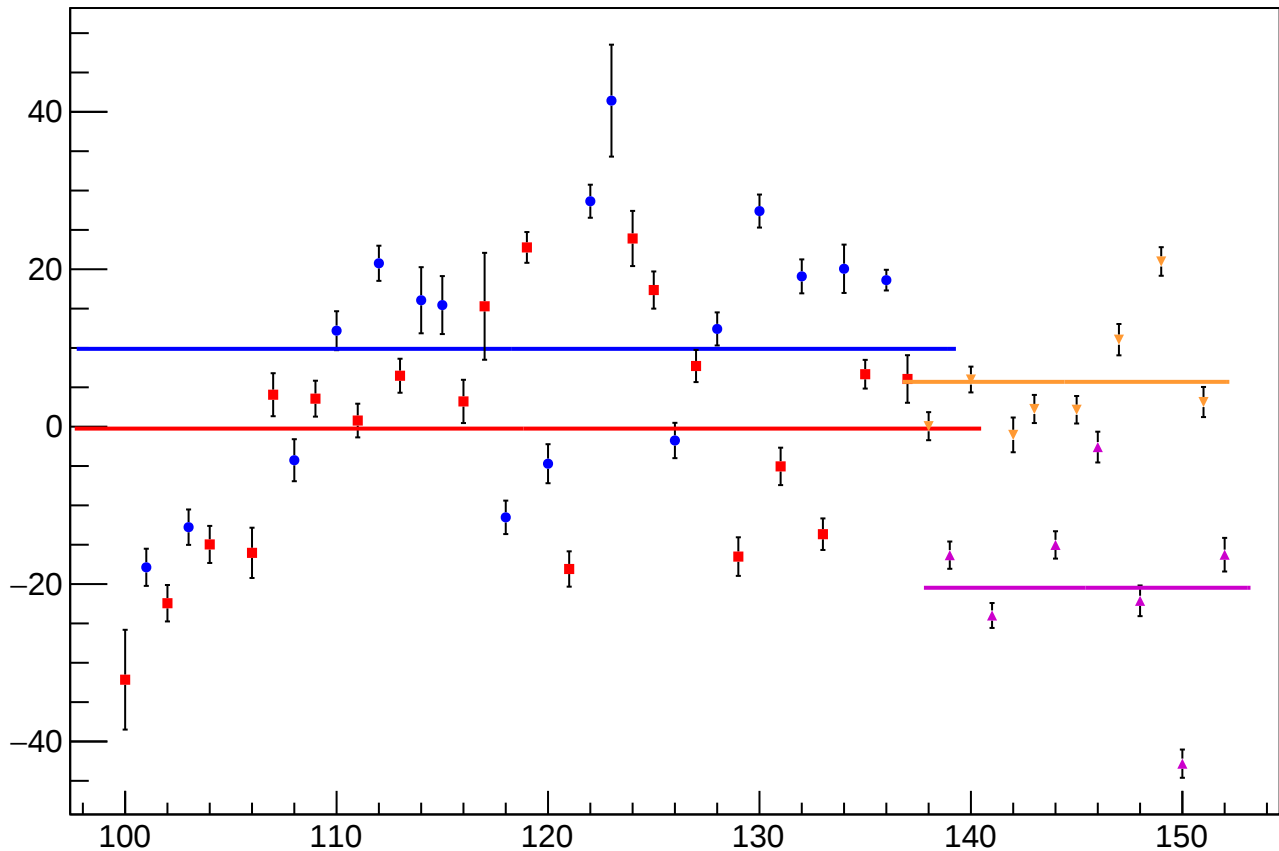
Left In: 2984.552 $\pm$ 0.884 χ^2 /NDF: 17591.6/6

3033.945 $\pm$ 0.606 χ^2 /NDF: 30379.2/24

3038.796 $\pm$ 0.426 χ^2 /NDF: 64329.2/51

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: 5.694 $\pm$ 0.651 χ^2/NDF : 107.1/7

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

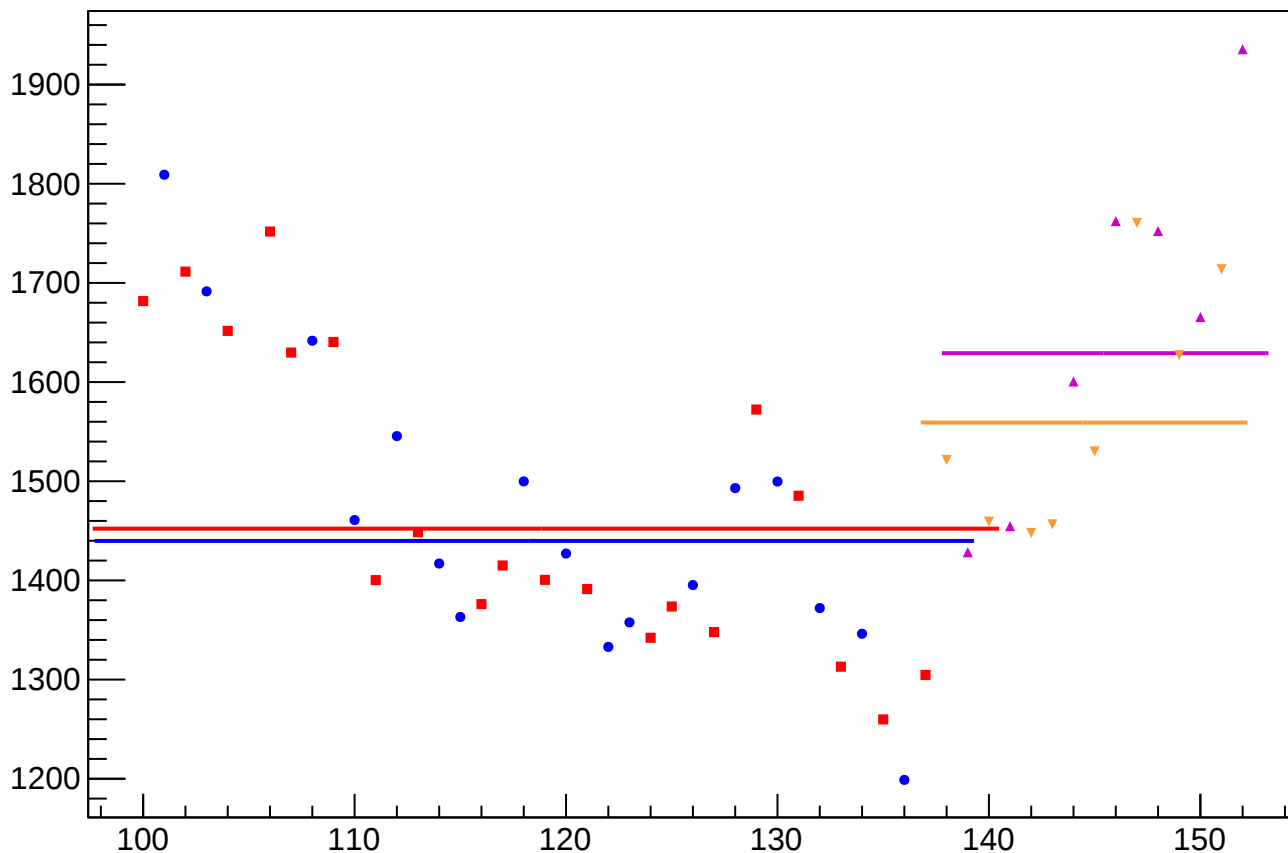
Left In: -20.470 $\pm$ 0.687 χ^2/NDF : 263.5/6

8.105 $\pm$ 0.424 χ^2/NDF : 834.6/24

0.080 $\pm$ 0.301 χ^2/NDF : 2984.2/51

-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: 1559.198 ± 0.460 χ^2/NDF : 56875.9/7

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

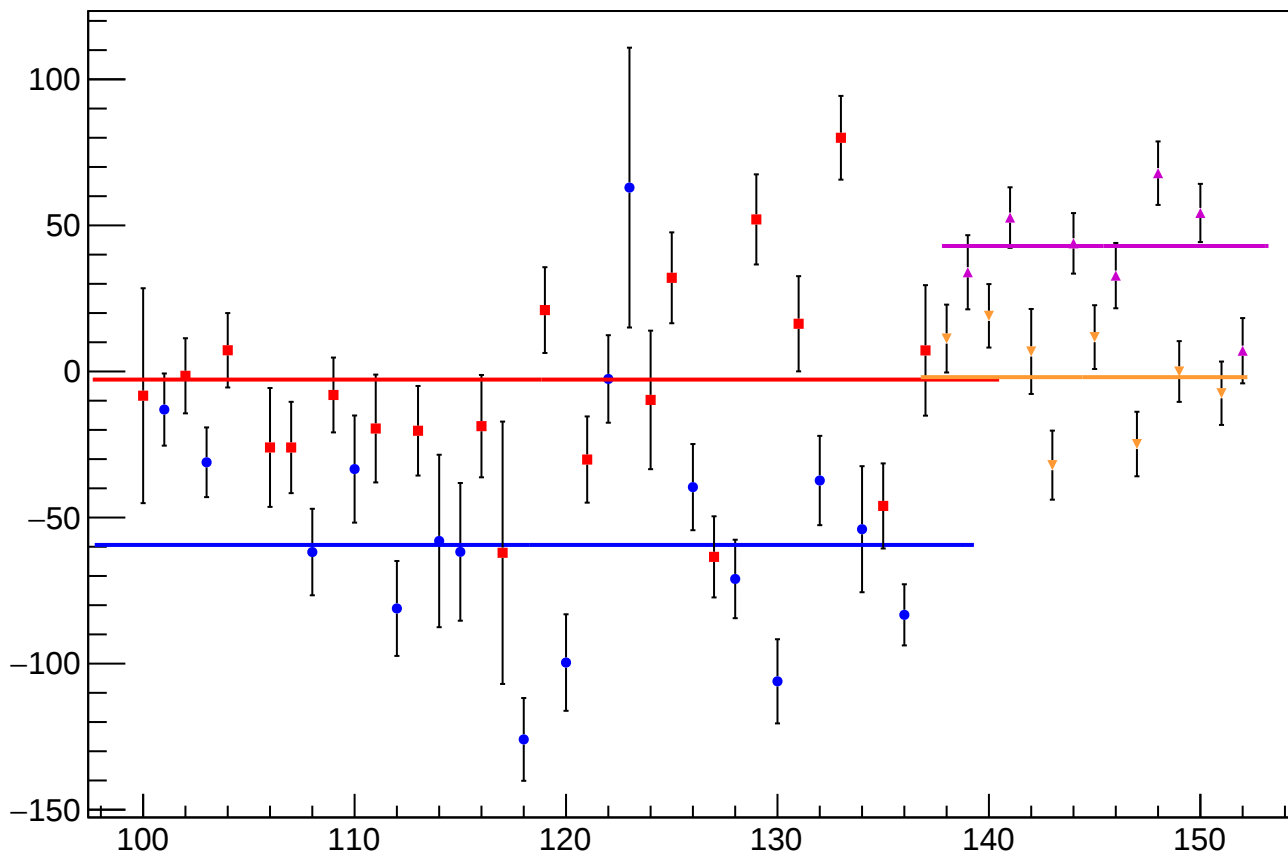
Left In: 1629.143 ± 0.486 χ^2/NDF : 110882.1/6

1490.556 ± 0.300 χ^2/NDF : 268391.9/24

1505.440 ± 0.213 χ^2/NDF : 604160.3/51

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: -1.945 ± 4.013 χ^2/NDF : 18.1/7

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

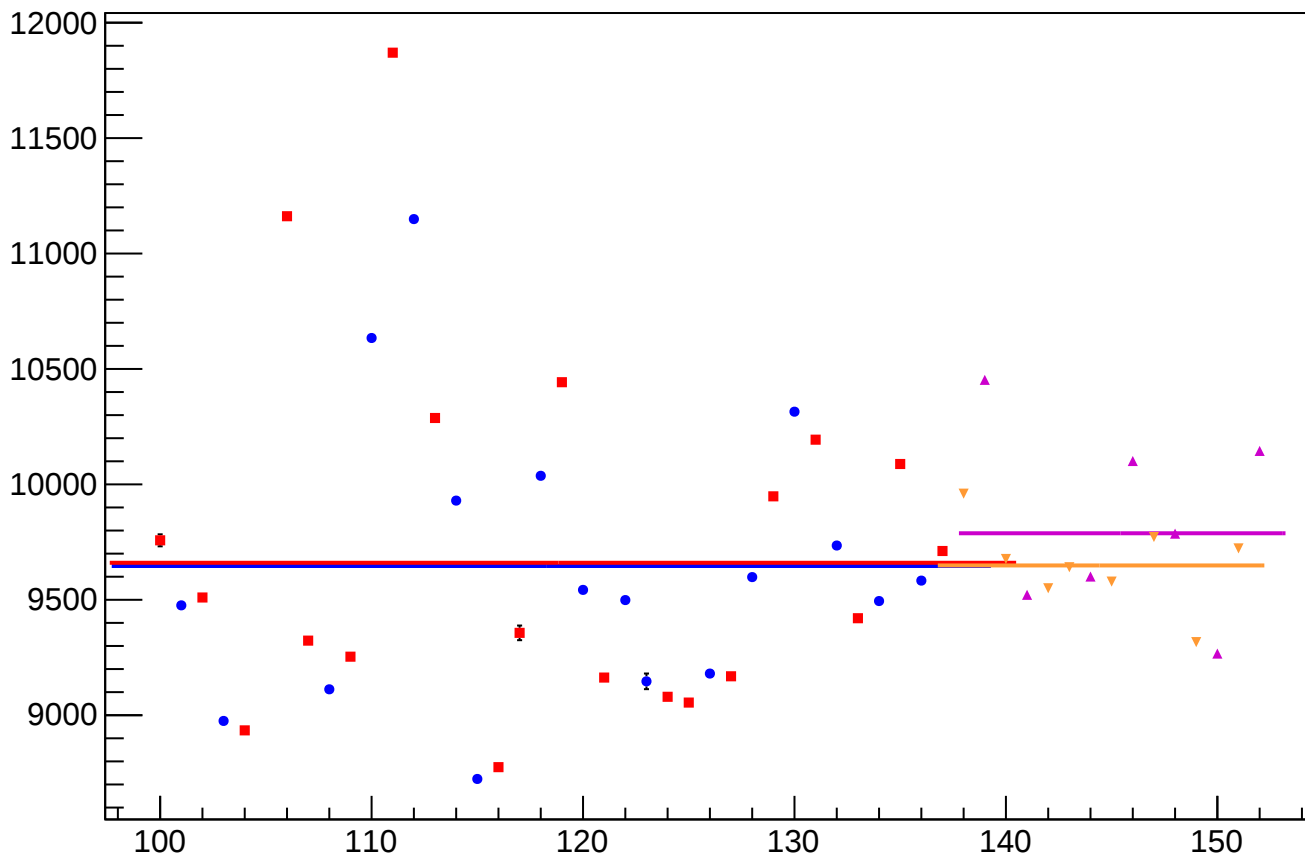
Left In: 42.950 ± 4.103 χ^2/NDF : 19.1/6

-32.762 ± 2.731 χ^2/NDF : 220.9/24

-7.605 ± 1.925 χ^2/NDF : 574.0/51

17.224 ± 2.714 χ^2/NDF : 184.6/26

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

Left Out: 9648.817 +/- 2.837 χ^2/NDF : 4004.3/7

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

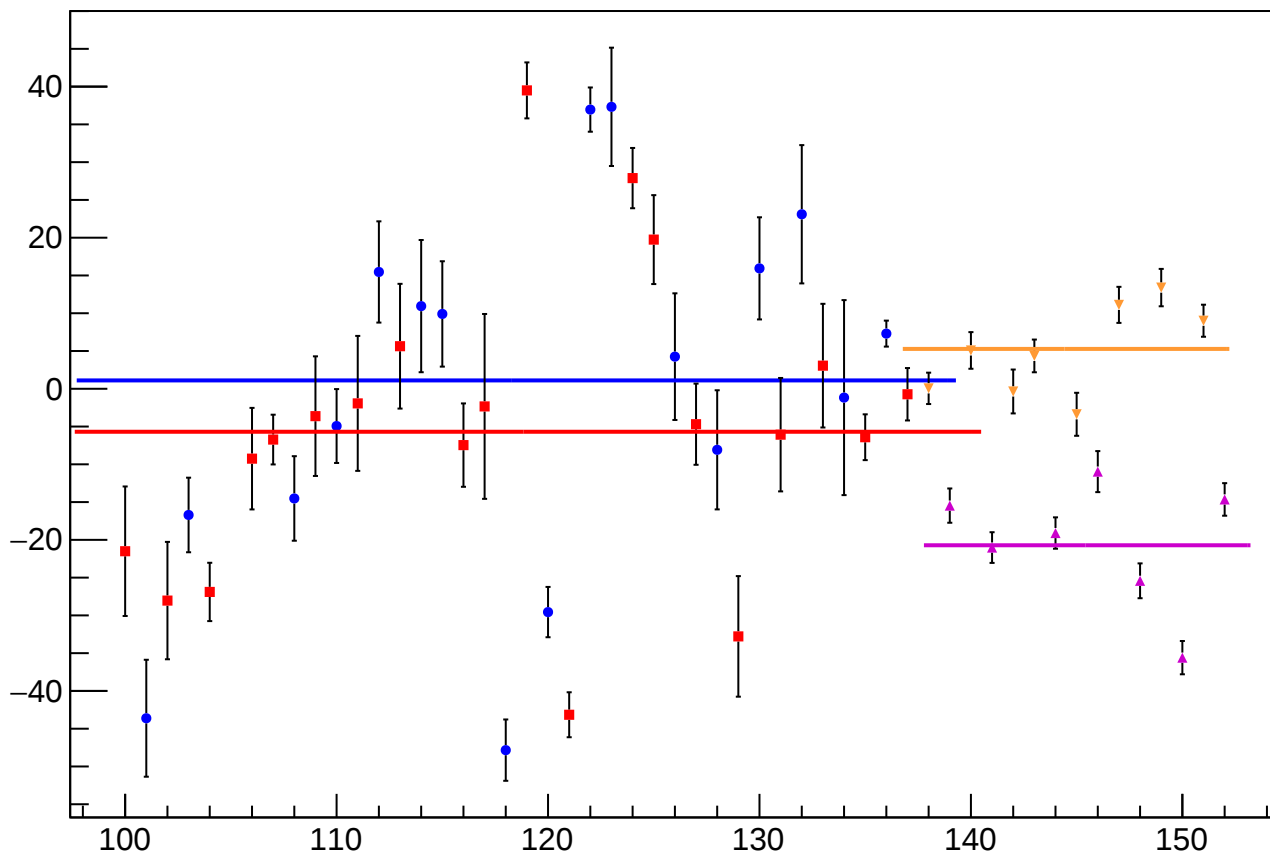
Left In: 9788.209 +/- 2.901 χ^2/NDF : 16540.3/6

9647.563 +/- 1.931 χ^2/NDF : 48065.0/24

9682.152 +/- 1.361 χ^2/NDF : 144010.6/51

9716.291 +/- 1.919 χ^2/NDF : 95308.4/26

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 1.106 ± 1.066 $\chi^2/\text{NDF}: 489.7/16$

Left Out: 5.277 ± 0.840 $\chi^2/\text{NDF}: 39.3/7$

Right Out: -5.689 ± 1.087 $\chi^2/\text{NDF}: 456.0/19$

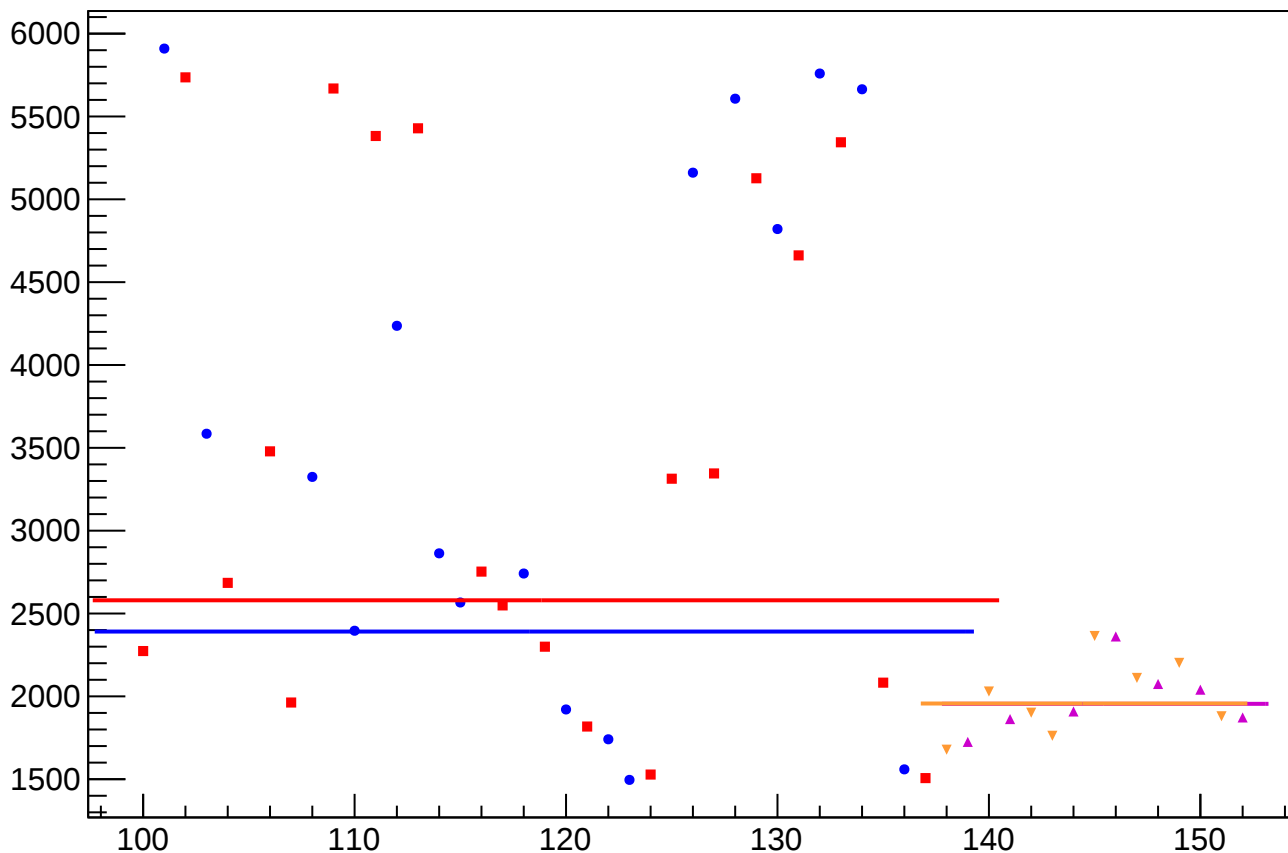
Left In: -20.716 ± 0.841 $\chi^2/\text{NDF}: 76.6/6$

3.681 ± 0.660 $\chi^2/\text{NDF}: 538.5/24$

-5.628 ± 0.468 $\chi^2/\text{NDF}: 1592.0/51$

-15.088 ± 0.665 $\chi^2/\text{NDF}: 652.2/26$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

Left Out: 1956.799 $\pm$ 0.594 χ^2/NDF : 126398.5/7

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

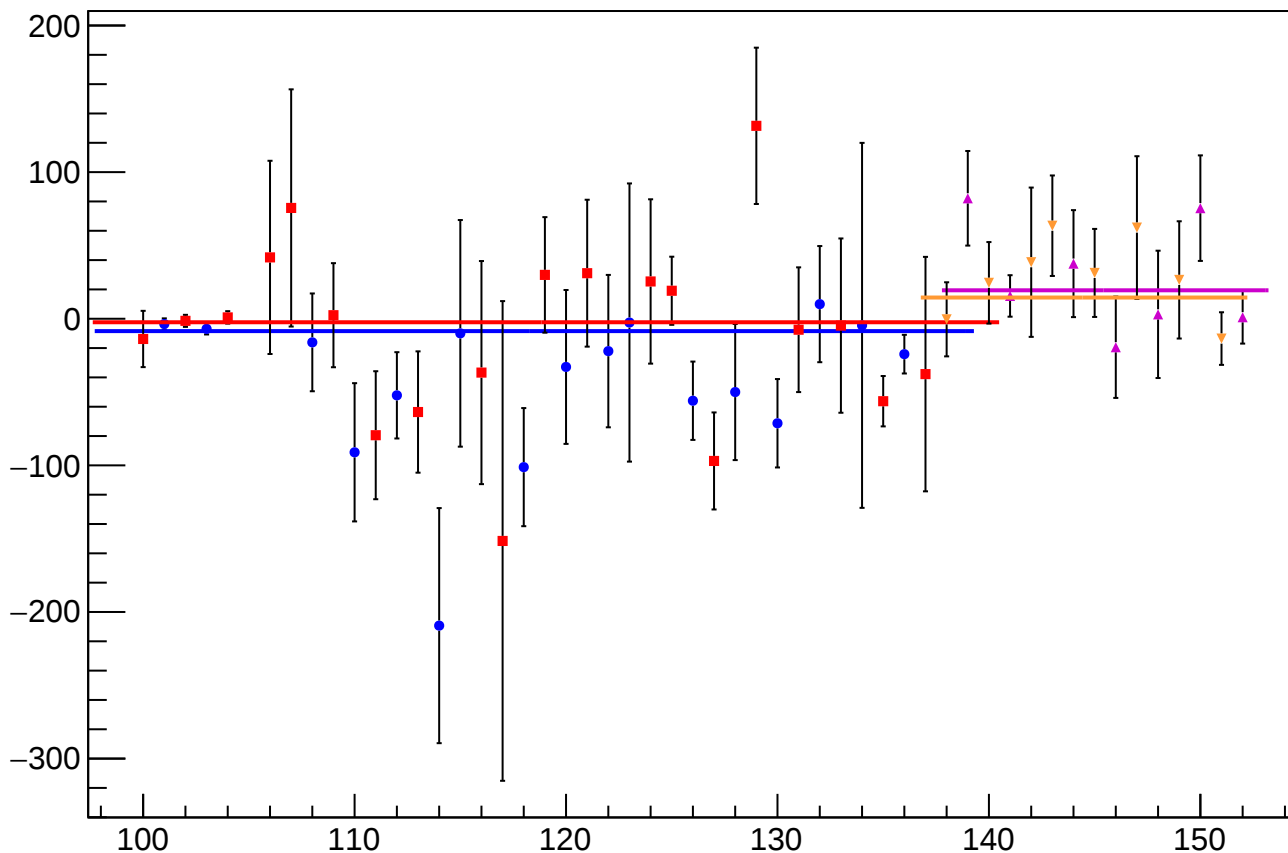
Left In: 1954.858 $\pm$ 0.595 χ^2/NDF : 81715.3/6

2123.048 $\pm$ 0.467 χ^2/NDF : 2931737.2/24

2155.722 $\pm$ 0.331 χ^2/NDF : 5802238.3/51

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

diff_bpm0l03X_mean vs Slug, Sign Corrected



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

Left Out: 14.470 ± 10.336 χ^2/NDF : 6.5/7

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

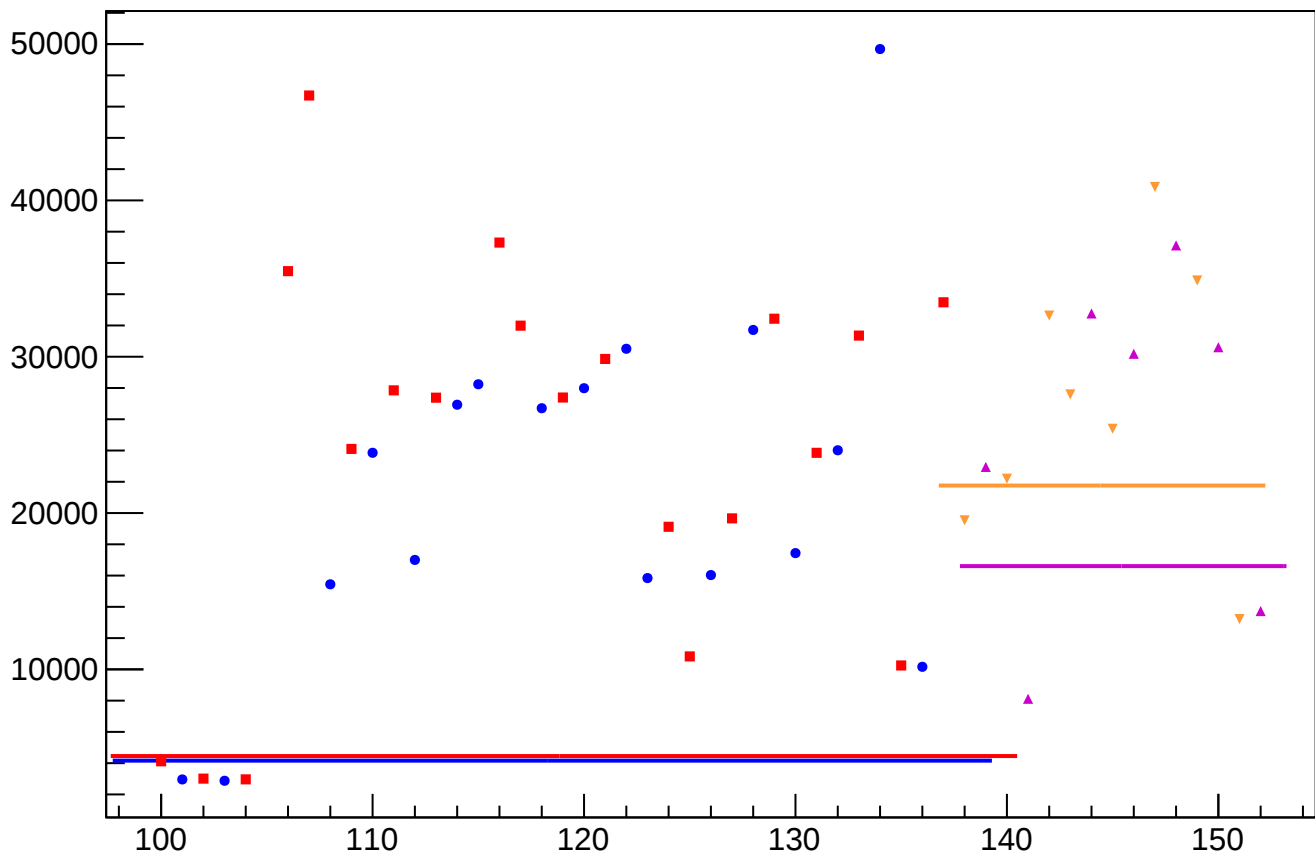
Left In: 19.404 ± 9.152 χ^2/NDF : 9.0/6

-7.080 ± 2.510 χ^2/NDF : 40.1/24

-4.008 ± 1.827 χ^2/NDF : 92.9/51

-0.543 ± 2.666 χ^2/NDF : 49.7/26

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 4162.318 ± 1.830 $\chi^2/\text{NDF}: 5990070.5/16$

Left Out: 21759.579 ± 7.309 $\chi^2/\text{NDF}: 1170783.3/7$

Right Out: 4455.114 ± 1.970 $\chi^2/\text{NDF}: 7483602.5/19$

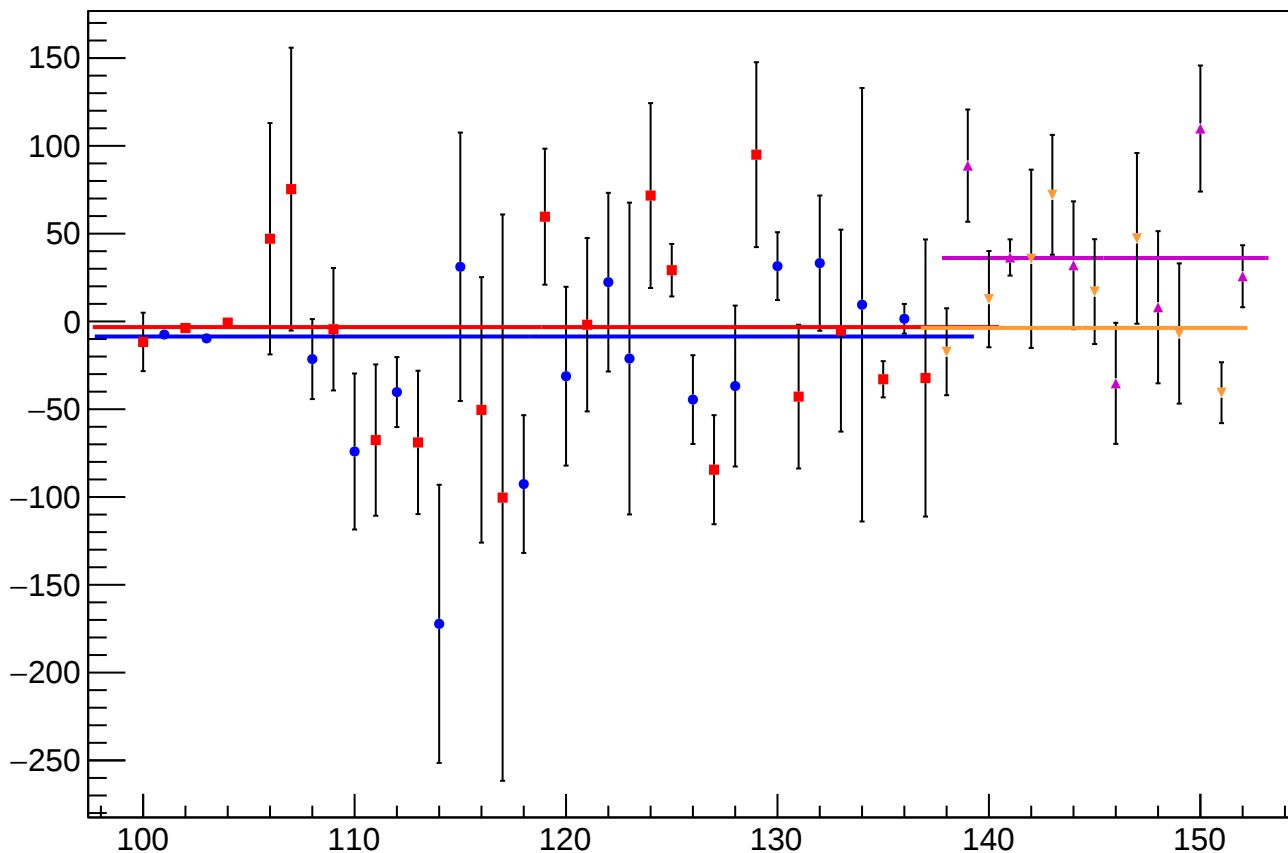
Left In: 16605.574 ± 6.472 $\chi^2/\text{NDF}: 2298320.6/6$

5200.031 ± 1.775 $\chi^2/\text{NDF}: 12616135.9/24$

5334.332 ± 1.292 $\chi^2/\text{NDF}: 25636186.9/5$

5485.806 ± 1.885 $\chi^2/\text{NDF}: 13007866.8/26$

diff_bpm0l03Y_mean vs Slug, Sign Corrected



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

Left Out: -3.685 ± 10.151 χ^2/NDF : 12.3/7

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

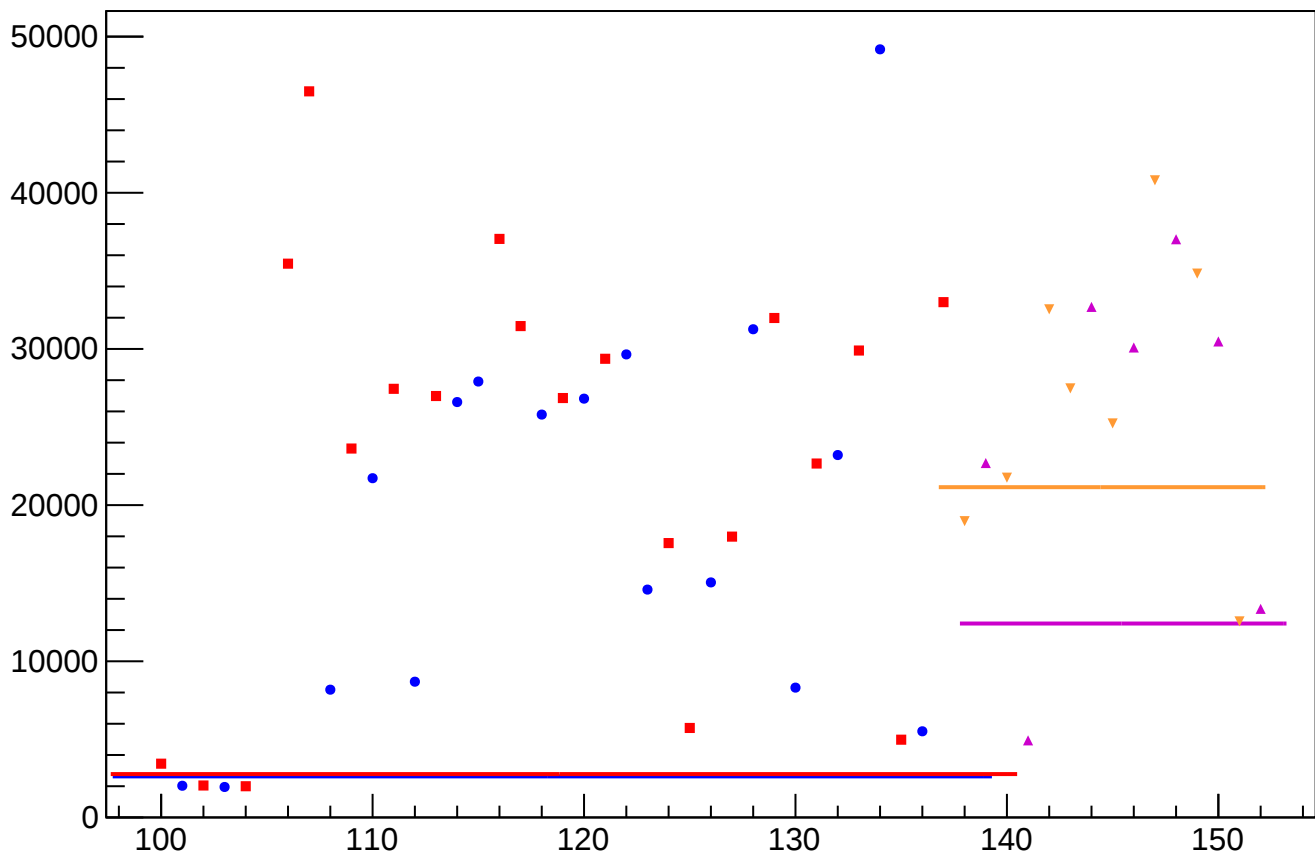
Left In: 36.130 ± 7.786 χ^2/NDF : 12.0/6

-8.441 ± 1.751 χ^2/NDF : 36.9/24

-4.932 ± 1.277 χ^2/NDF : 118.8/51

-0.948 ± 1.866 χ^2/NDF : 73.3/26

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2630.547 $\pm$ 1.257 χ^2/NDF : 5588981.6/16

Left Out: 21148.704 $\pm$ 7.178 χ^2/NDF : 1275686.4/7

Right Out: 2777.521 $\pm$ 1.359 χ^2/NDF : 7899165.0/19

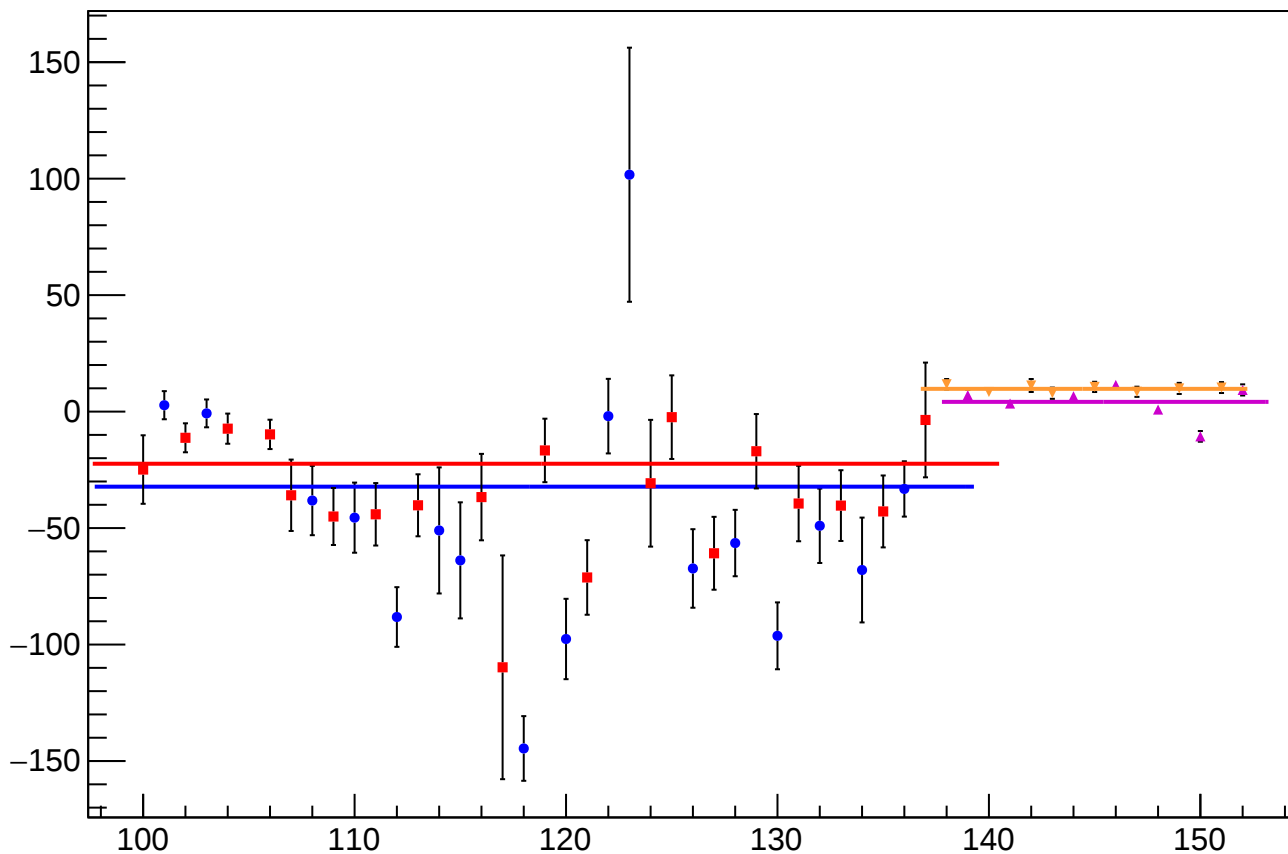
Left In: 12417.843 $\pm$ 5.506 χ^2/NDF : 3562409.4/6

3181.601 $\pm$ 1.238 χ^2/NDF : 13322392.2/24

3251.672 $\pm$ 0.903 χ^2/NDF : 27680580.7/5

3331.247 $\pm$ 1.320 χ^2/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: 9.770+/-0.819 χ^2/NDF : 2.6/7

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

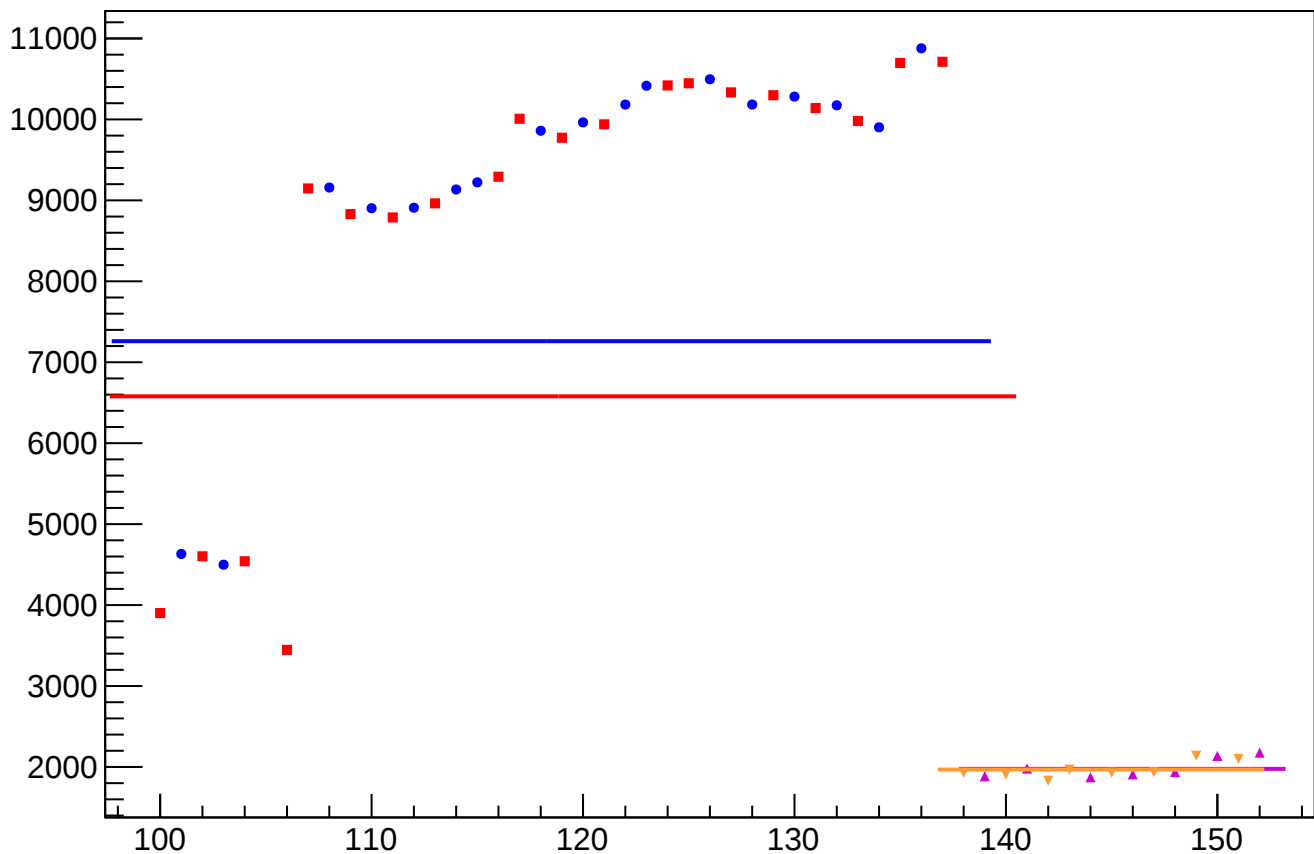
Left In: 4.179+/-0.829 χ^2/NDF : 63.5/6

6.822+/-0.790 χ^2/NDF : 390.7/24

4.334+/-0.559 χ^2/NDF : 611.6/51

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: 1967.941 +/- 0.579 χ^2/NDF : 24706.6/7

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

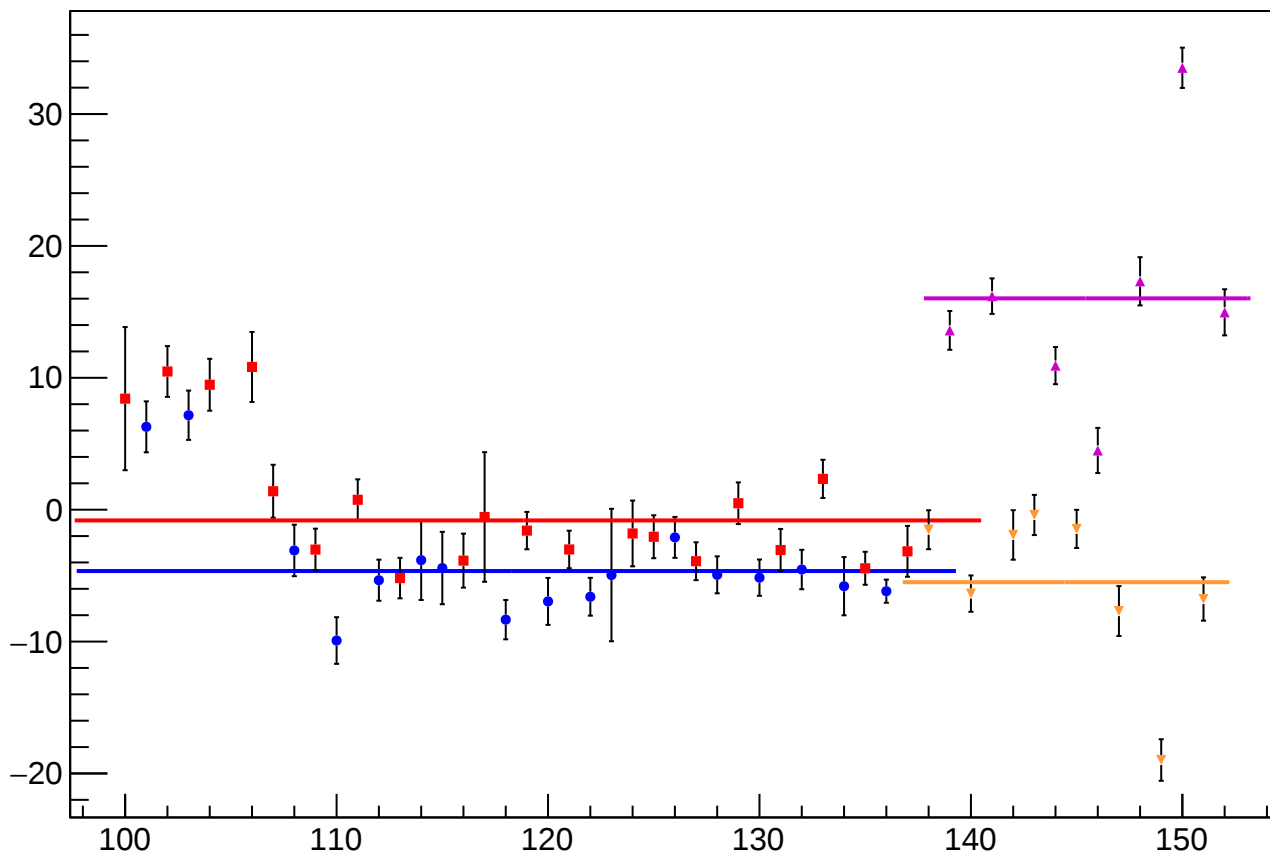
Left In: 1976.356 +/- 0.586 χ^2/NDF : 34922.2/6

2339.508 +/- 0.559 χ^2/NDF : 7520261.0/24

2361.013 +/- 0.395 χ^2/NDF : 15202563.4/5

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: -5.497 ± 0.556 χ^2/NDF : 105.5/7

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

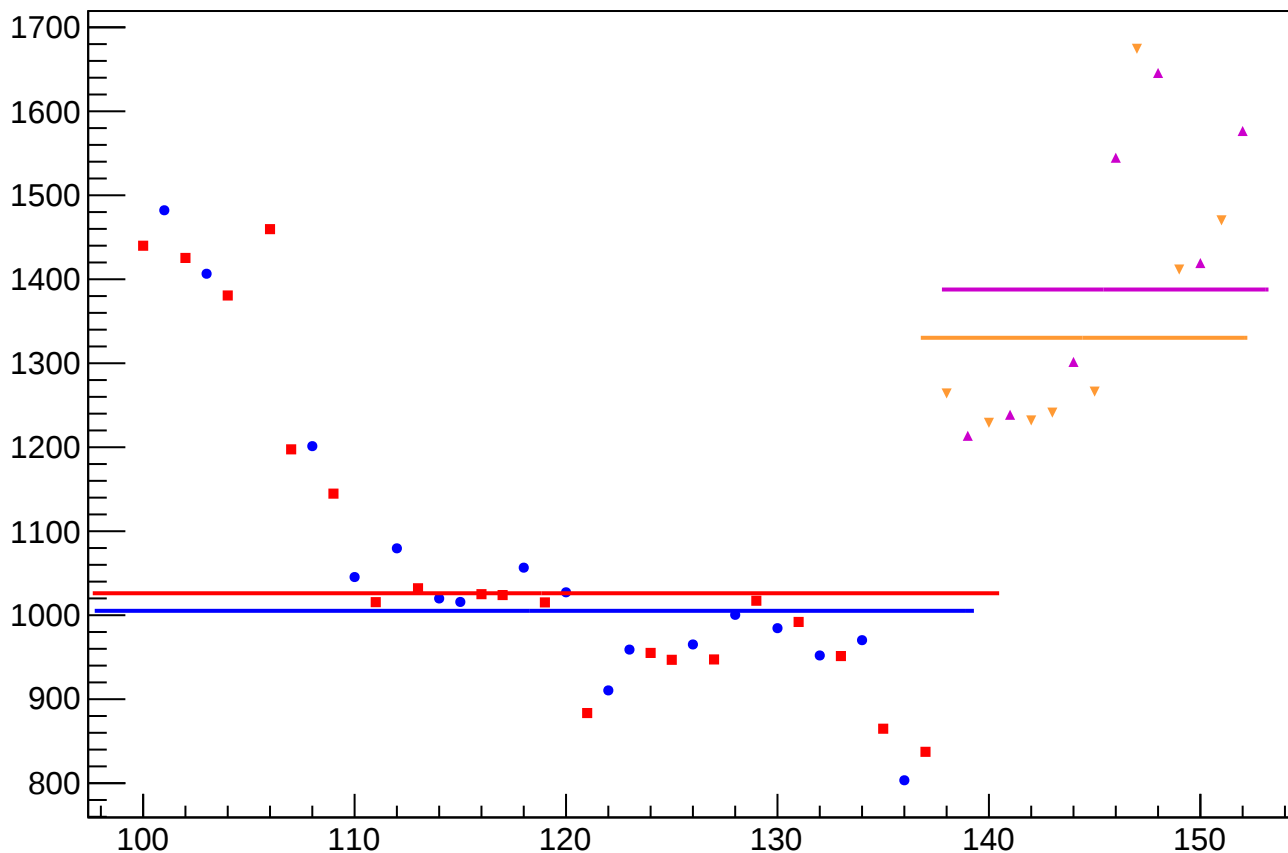
Left In: 16.024 ± 0.586 χ^2/NDF : 193.2/6

-4.932 ± 0.321 χ^2/NDF : 204.6/24

-0.346 ± 0.228 χ^2/NDF : 1508.0/51

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: 1330.331 $\pm$ 0.393 χ^2 /NDF: 117082.9/7

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

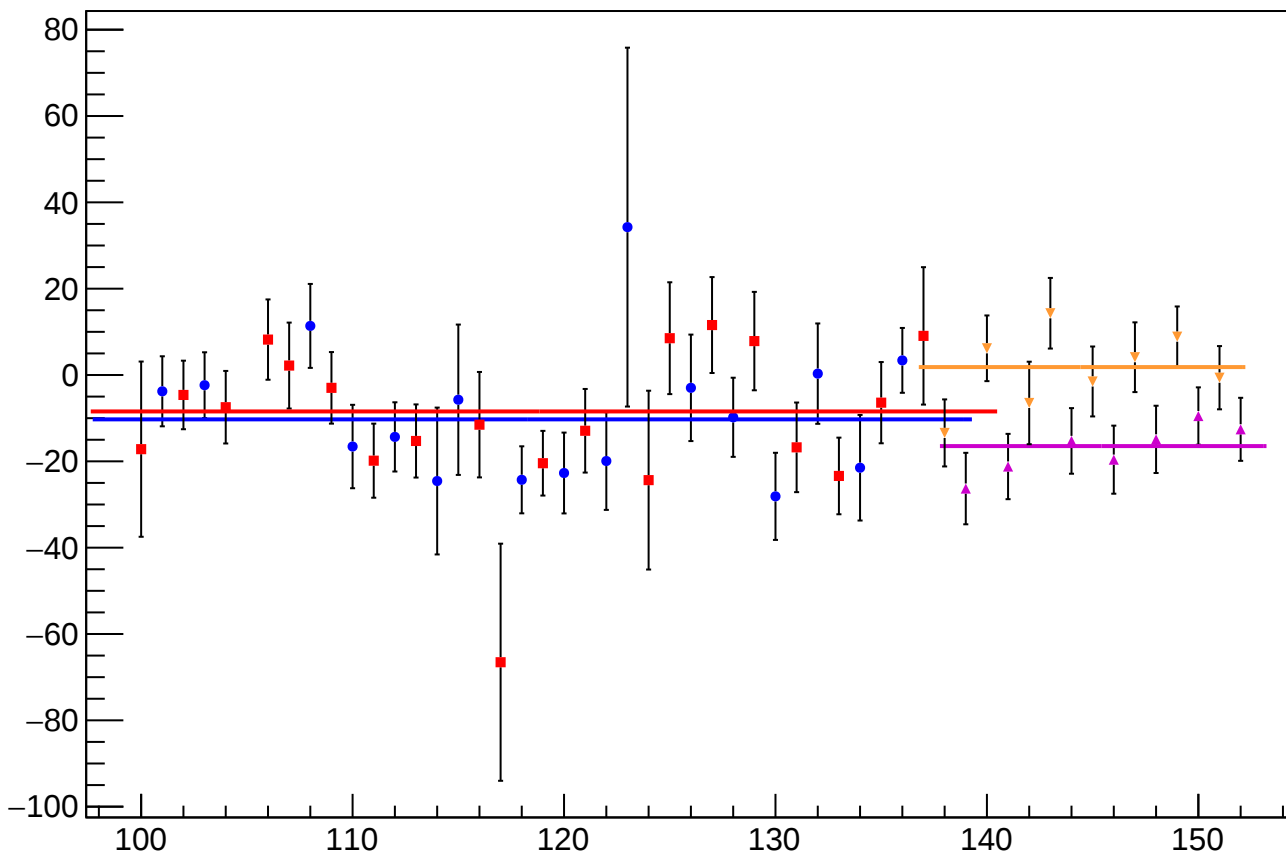
Left In: 1387.804 $\pm$ 0.414 χ^2 /NDF: 140769.5/6

1113.355 $\pm$ 0.227 χ^2 /NDF: 935107.3/24

1124.653 $\pm$ 0.161 χ^2 /NDF: 1944304.2/51

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

diff_bpm0l05X_mean vs Slug, Sign Corrected



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

Left Out: 1.835+/-2.780 χ^2/NDF : 8.6/7

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

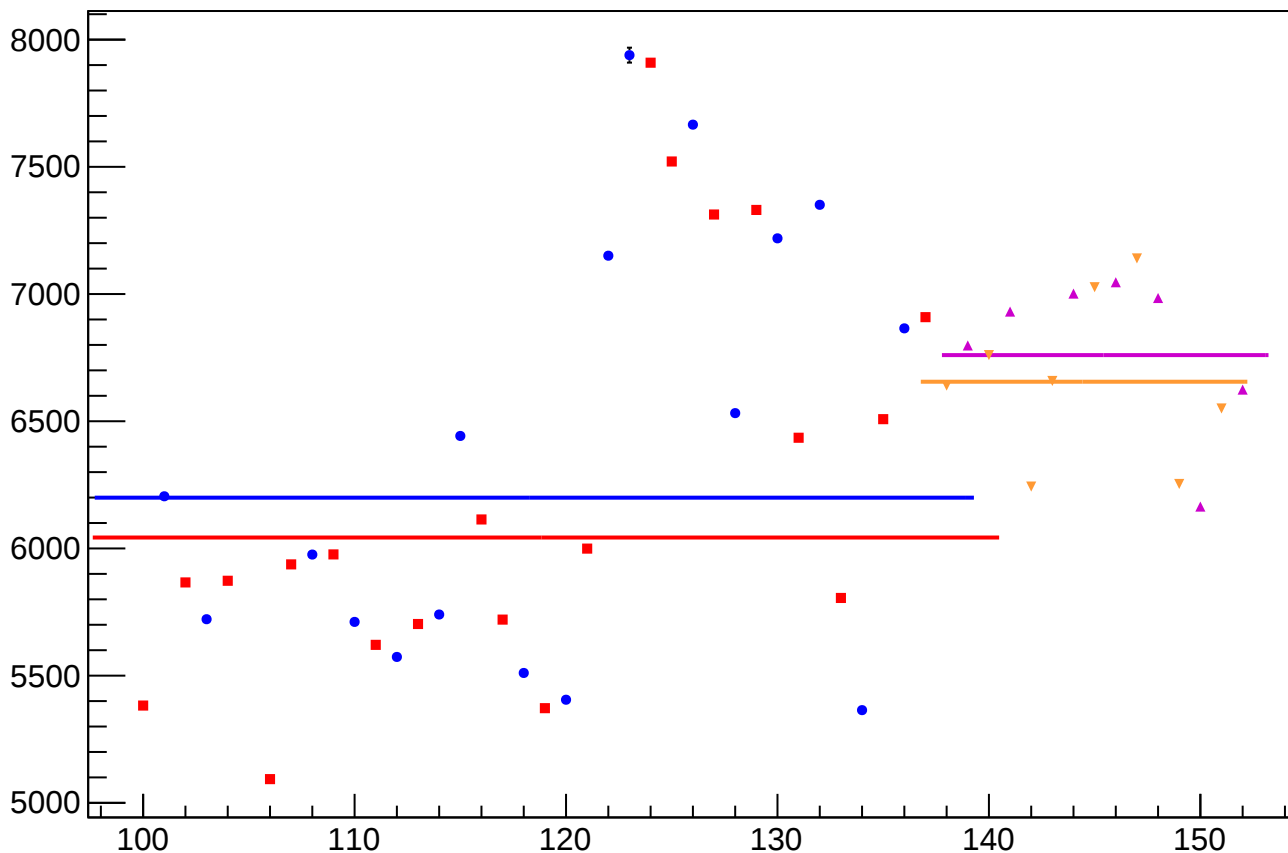
Left In: -16.467+/-2.847 χ^2/NDF : 3.4/6

-5.086+/-1.820 χ^2/NDF : 43.0/24

-8.404+/-1.271 χ^2/NDF : 85.0/51

-11.561+/-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: 6655.350 $\pm$ 1.966 χ^2/NDF : 22526.7/7

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

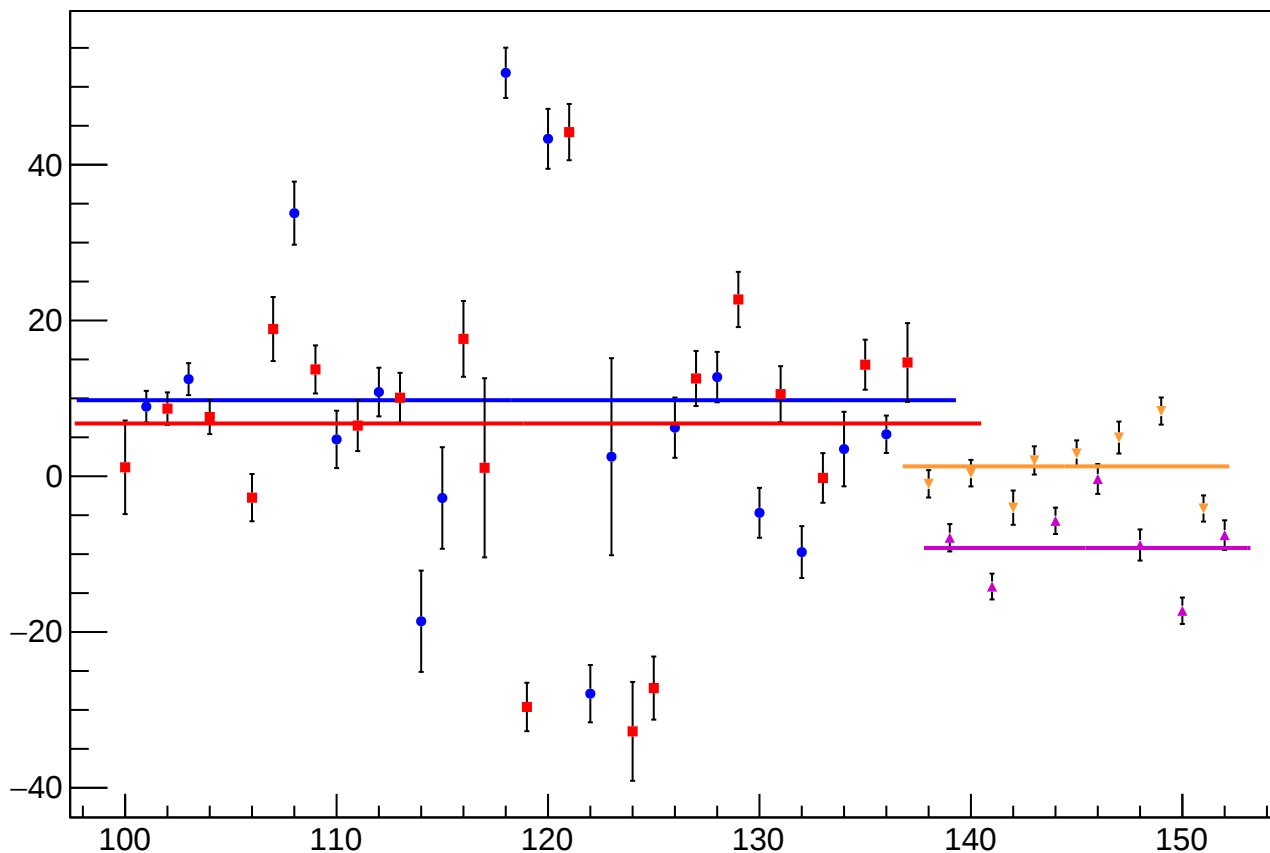
Left In: 6759.992 $\pm$ 2.013 χ^2/NDF : 24141.3/6

6394.949 $\pm$ 1.287 χ^2/NDF : 224996.3/24

6357.407 $\pm$ 0.899 χ^2/NDF : 486931.1/51

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: 1.268 ± 0.639 $\chi^2/\text{NDF}: 39.0/7$

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

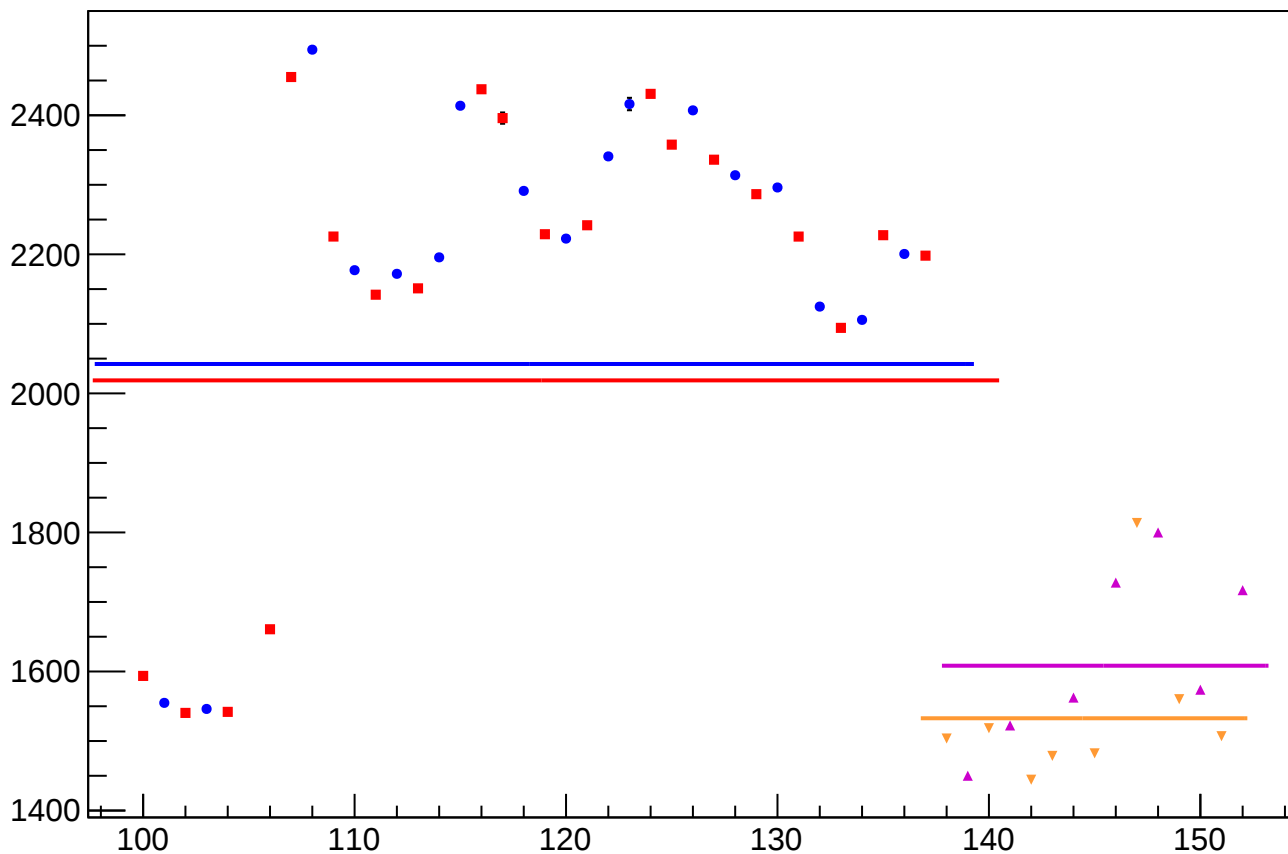
Left In: -9.207 ± 0.677 $\chi^2/\text{NDF}: 58.5/6$

4.593 ± 0.498 $\chi^2/\text{NDF}: 582.0/24$

1.266 ± 0.355 $\chi^2/\text{NDF}: 1398.6/51$

-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: 1532.719 $\pm$ 0.452 χ^2/NDF : 45969.6/7

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

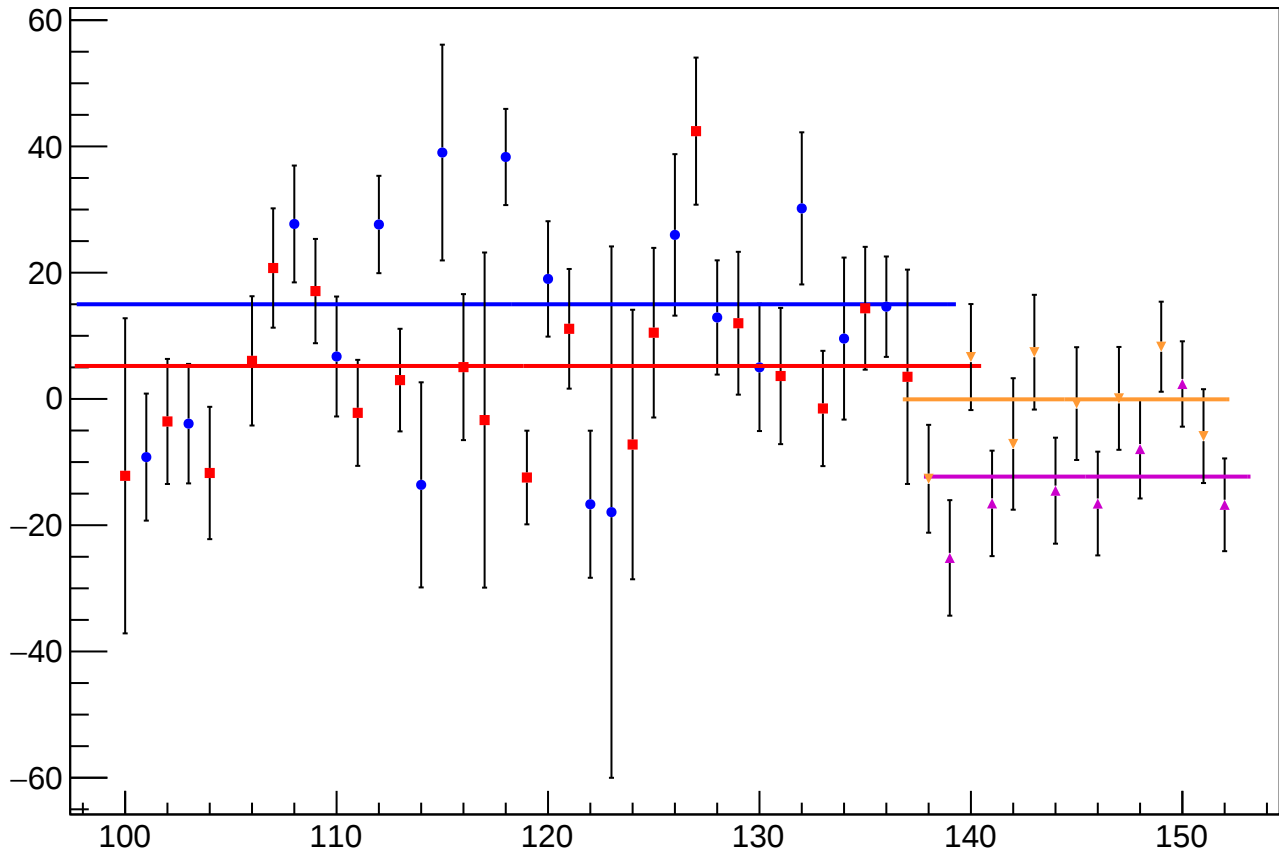
Left In: 1608.308 $\pm$ 0.479 χ^2/NDF : 56534.6/6

1732.121 $\pm$ 0.352 χ^2/NDF : 900570.0/24

1760.133 $\pm$ 0.251 χ^2/NDF : 1671443.8/51

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: -0.062 $\pm$ 2.954 χ^2 /NDF: 5.9/7

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

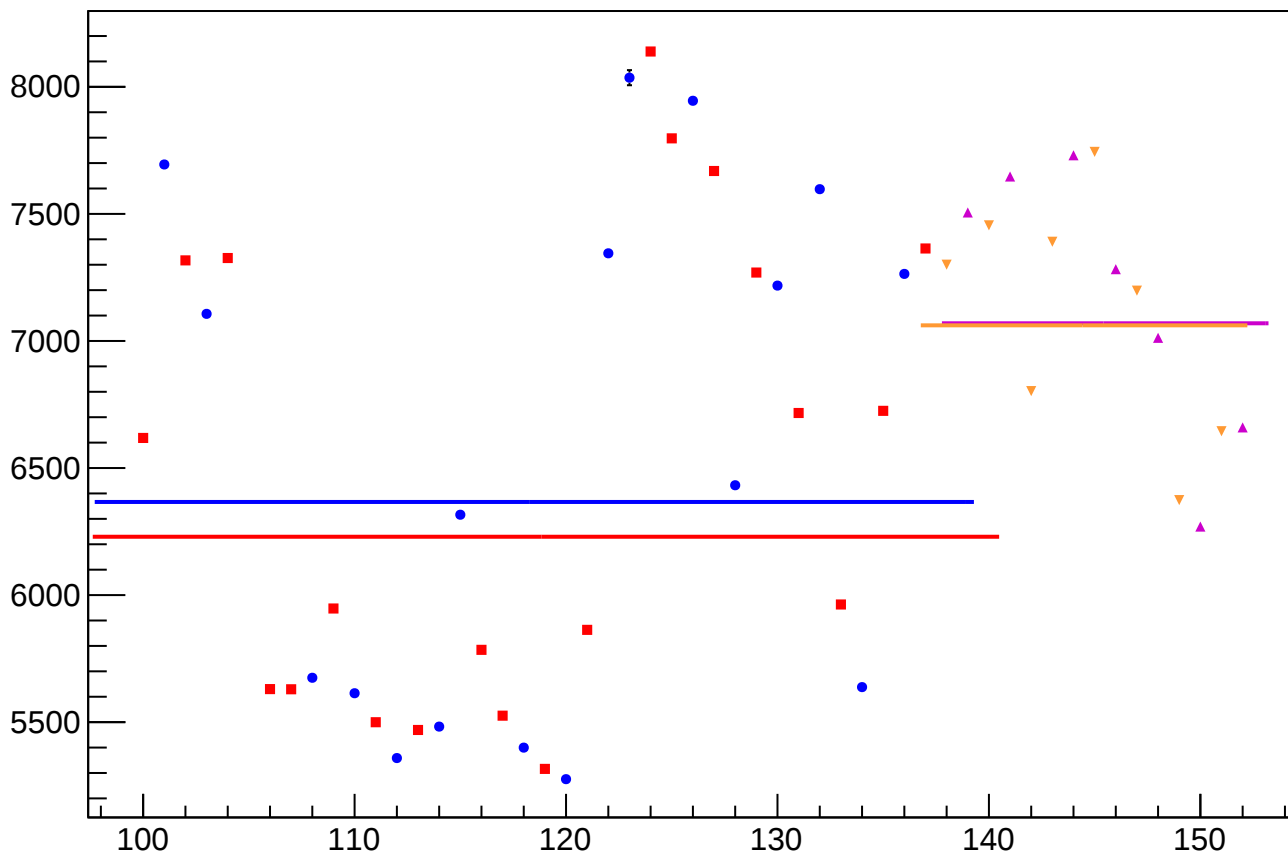
Left In: -12.301 $\pm$ 2.988 χ^2 /NDF: 8.0/6

8.756 $\pm$ 1.902 χ^2 /NDF: 62.5/24

3.493 $\pm$ 1.325 χ^2 /NDF: 134.7/51

-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: 7061.521+/-2.089 χ^2/NDF : 46926.0/7

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

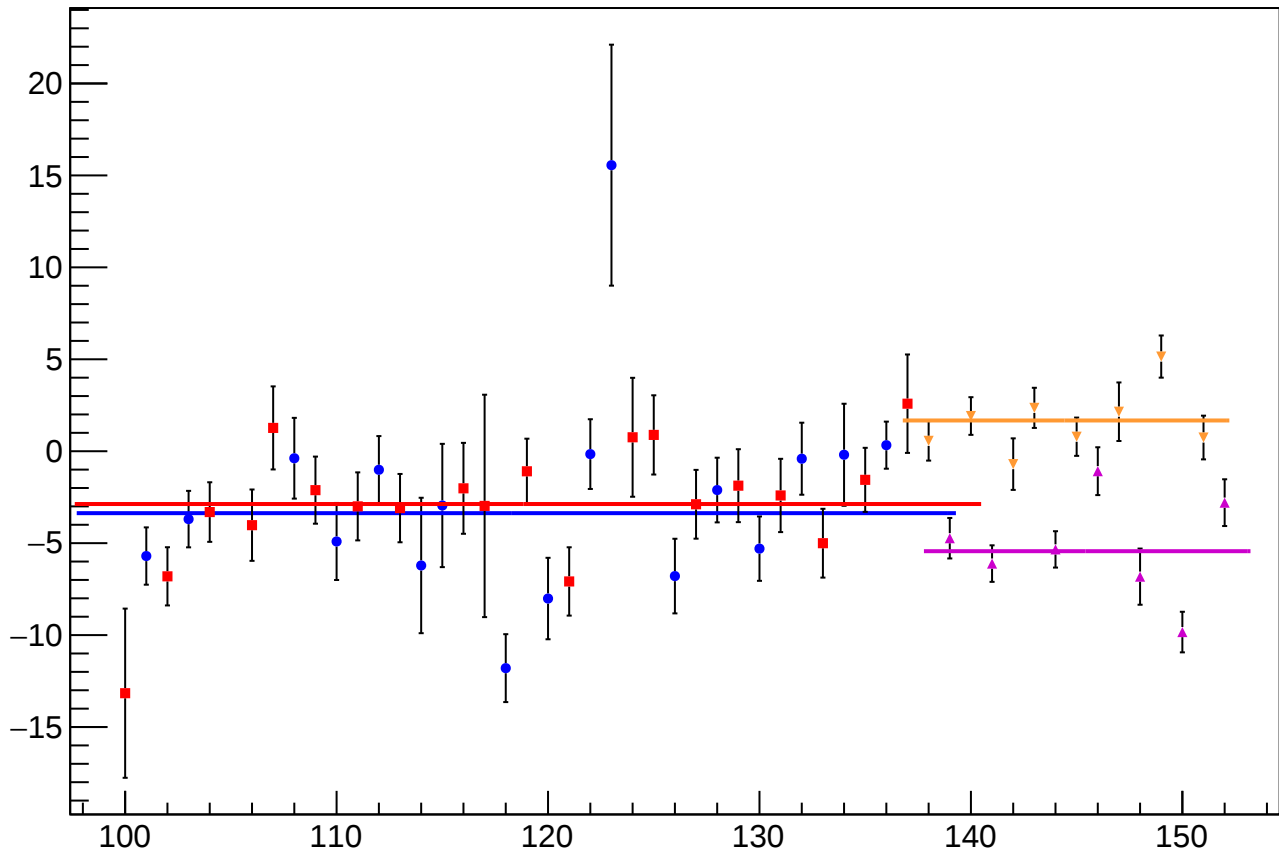
Left In: 7069.555+/-2.113 χ^2/NDF : 62177.9/6

6654.519+/-1.345 χ^2/NDF : 398240.3/24

6600.847+/-0.937 χ^2/NDF : 805822.1/51

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

diff_bpm0l06Y_mean vs Slug, Sign Corrected



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

Left Out: 1.672 ± 0.410 $\chi^2/\text{NDF}: 15.0/7$

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

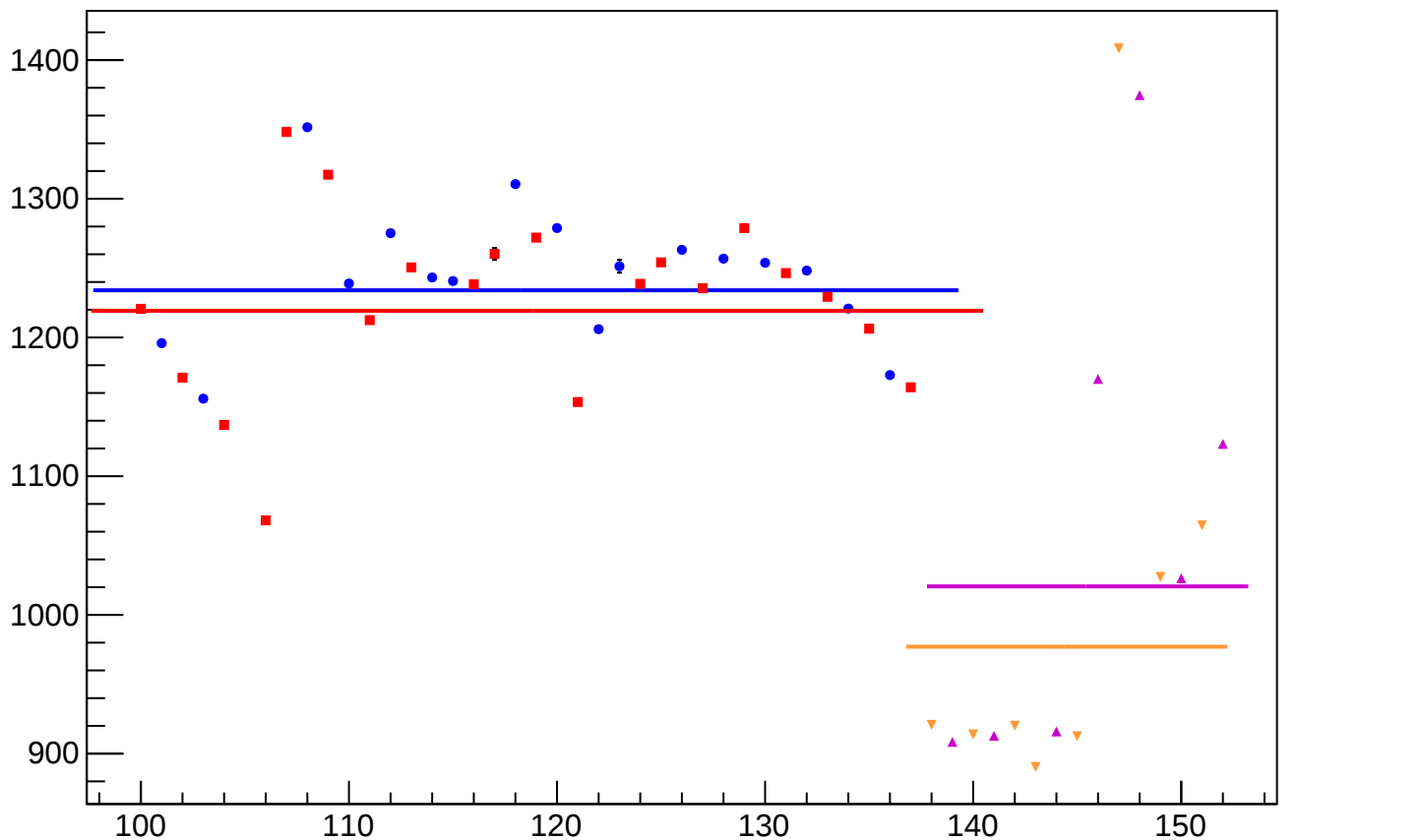
Left In: -5.437 ± 0.434 $\chi^2/\text{NDF}: 33.1/6$

-0.476 ± 0.310 $\chi^2/\text{NDF}: 139.3/24$

-2.325 ± 0.221 $\chi^2/\text{NDF}: 292.9/51$

-4.216 ± 0.314 $\chi^2/\text{NDF}: 81.8/26$

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

Left Out: 977.066 $\pm$ 0.290 χ^2/NDF : 198198.2/7

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

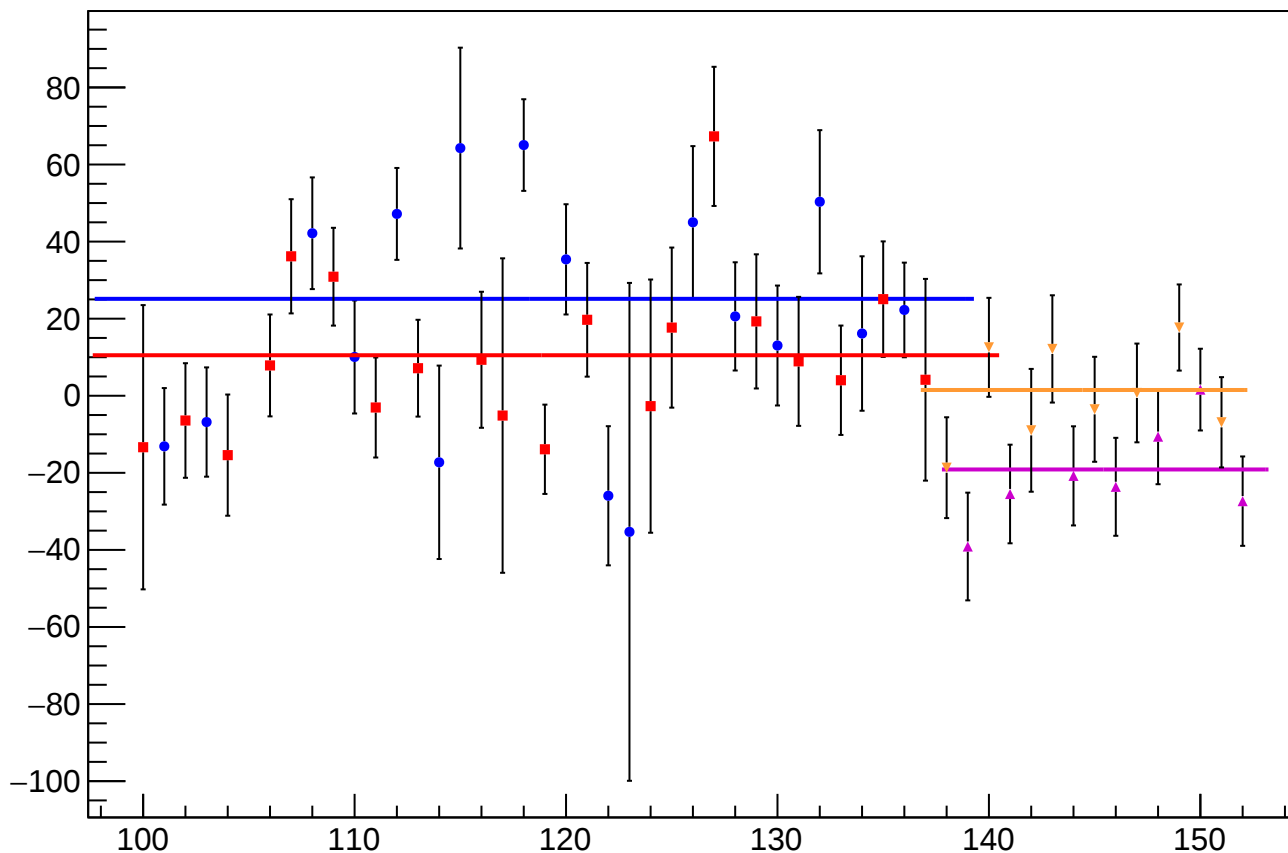
Left In: 1020.557 $\pm$ 0.307 χ^2/NDF : 213709.4/6

1086.599 $\pm$ 0.220 χ^2/NDF : 556848.0/24

1100.691 $\pm$ 0.156 χ^2/NDF : 1019251.8/51

1115.097 $\pm$ 0.222 χ^2/NDF : 454070.8/26

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.149 $\pm$ 3.837 χ^2/NDF : 46.9/16

Left Out: 1.496 $\pm$ 4.575 χ^2/NDF : 6.9/7

Right Out: 10.513 $\pm$ 3.581 χ^2/NDF : 27.8/19

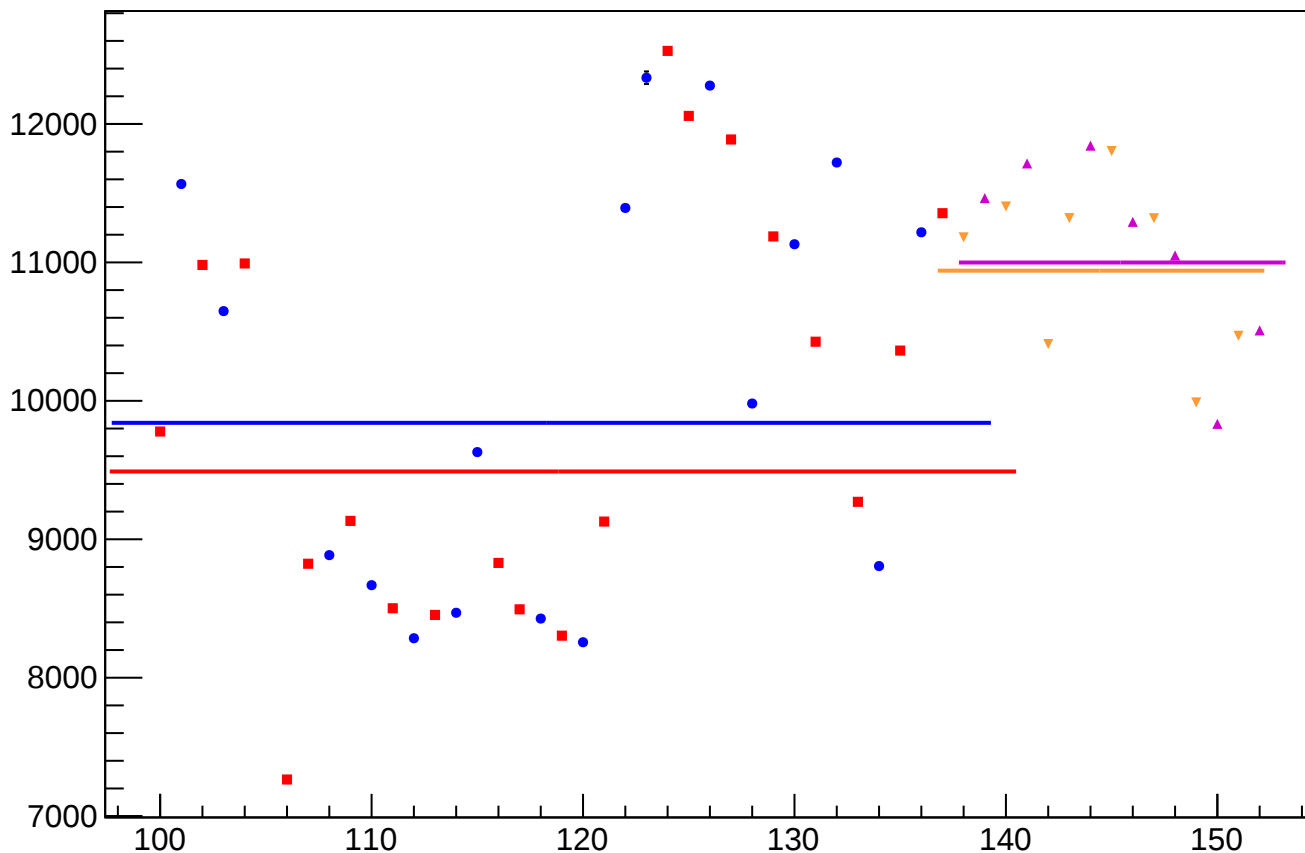
Left In: -19.129 $\pm$ 4.644 χ^2/NDF : 7.2/6

15.380 $\pm$ 2.940 χ^2/NDF : 69.5/24

7.134 $\pm$ 2.041 χ^2/NDF : 145.3/51

-0.538 $\pm$ 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: 10940.361+/-3.235 χ^2/NDF : 34512.3/7

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

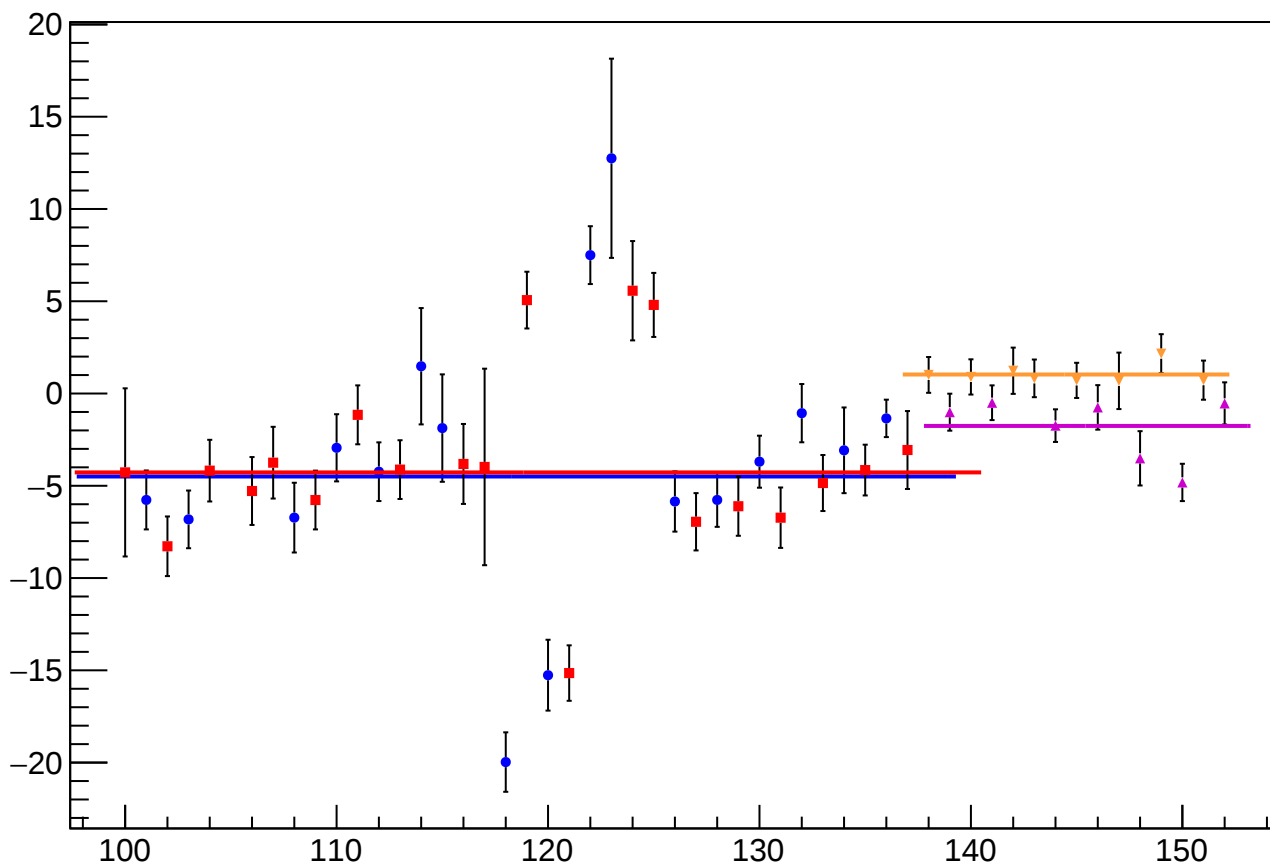
Left In: 10999.253+/-3.284 χ^2/NDF : 45923.5/6

10295.161+/-2.079 χ^2/NDF : 362350.9/24

10169.464+/-1.443 χ^2/NDF : 825736.5/51

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: 1.030 ± 0.376 χ^2/NDF : 1.5/7

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

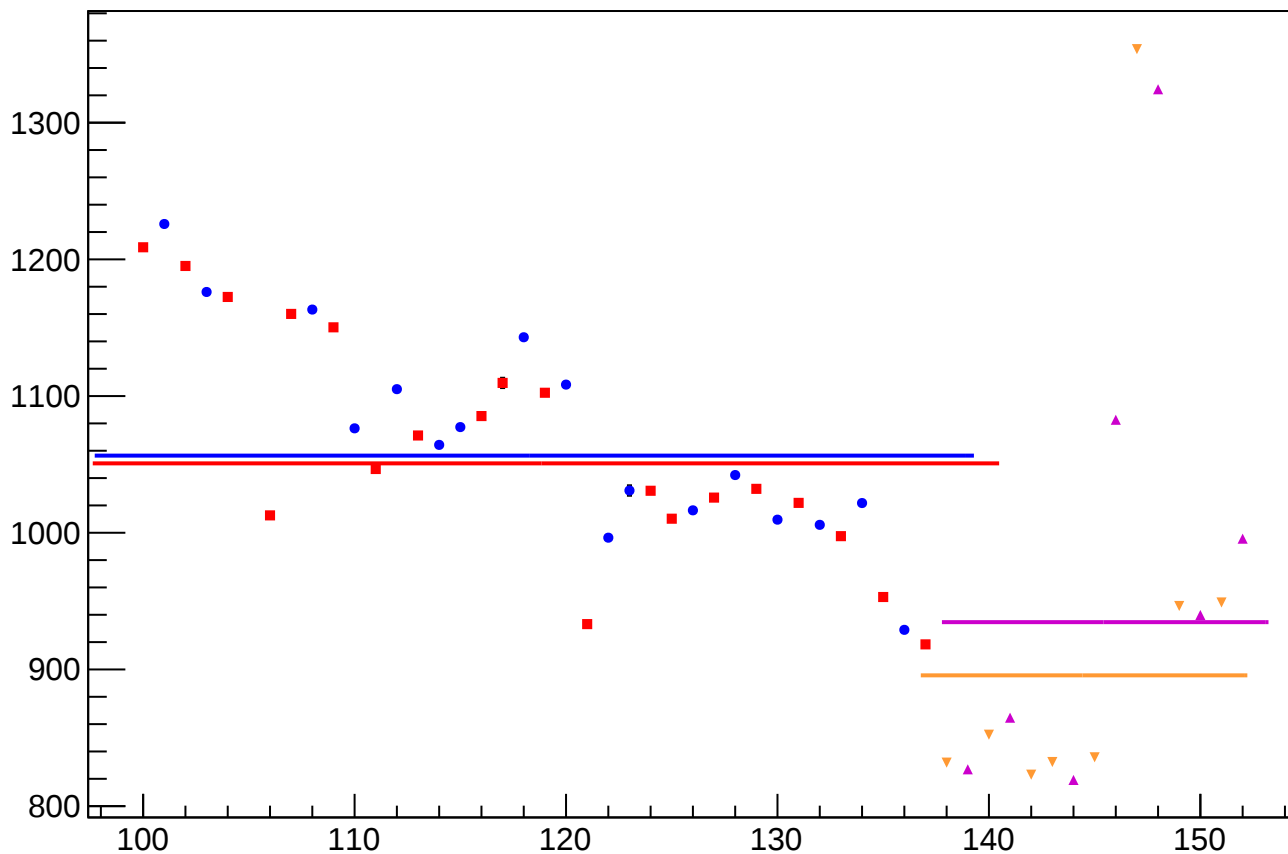
Left In: -1.757 ± 0.398 χ^2/NDF : 14.8/6

-1.507 ± 0.277 χ^2/NDF : 319.0/24

-2.262 ± 0.197 χ^2/NDF : 517.4/51

-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: 895.690 $\pm$ 0.266 χ^2/NDF : 224085.4/7

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

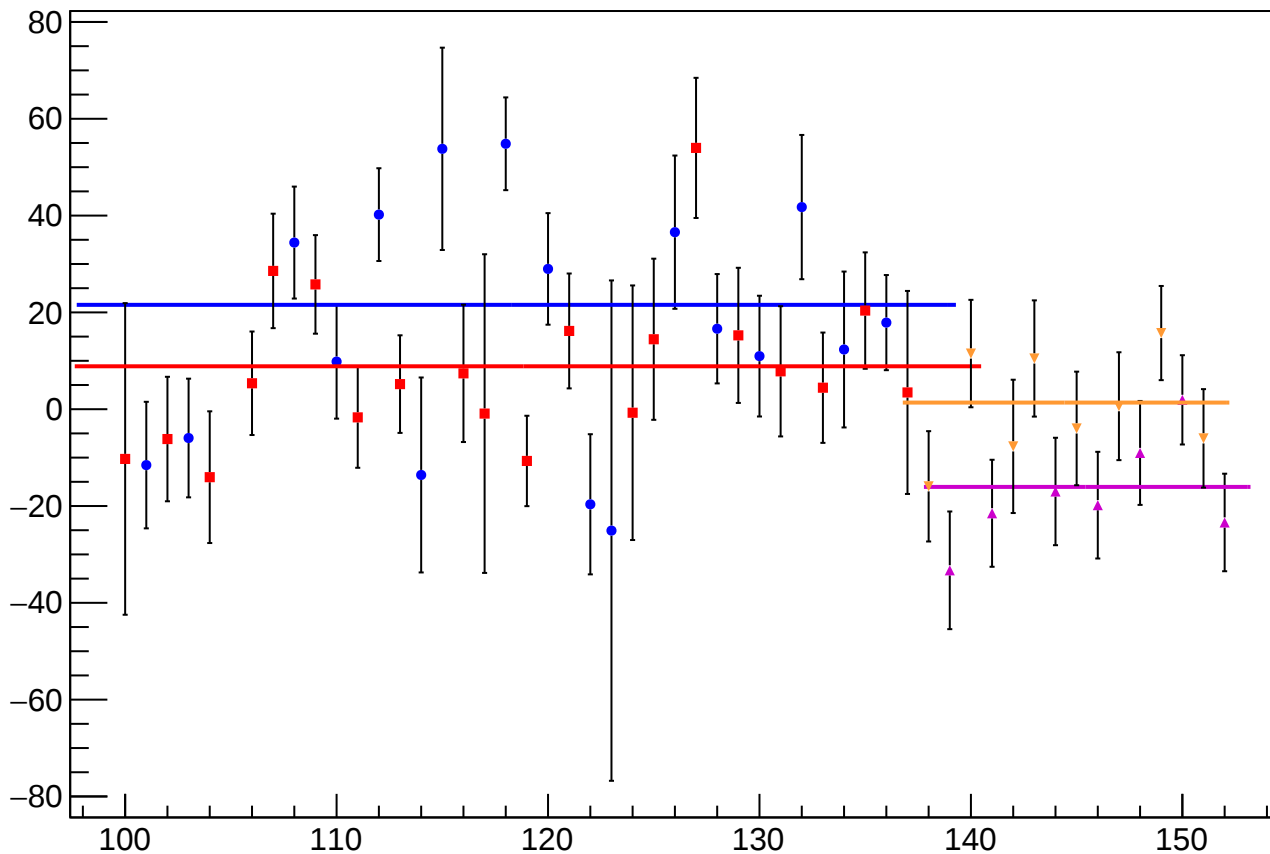
Left In: 934.606 $\pm$ 0.282 χ^2/NDF : 244433.4/6

969.500 $\pm$ 0.196 χ^2/NDF : 482621.9/24

981.369 $\pm$ 0.139 χ^2/NDF : 903343.7/51

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

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

Left Out: 1.370 $\pm$ 3.966 χ^2/NDF : 7.1/7

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

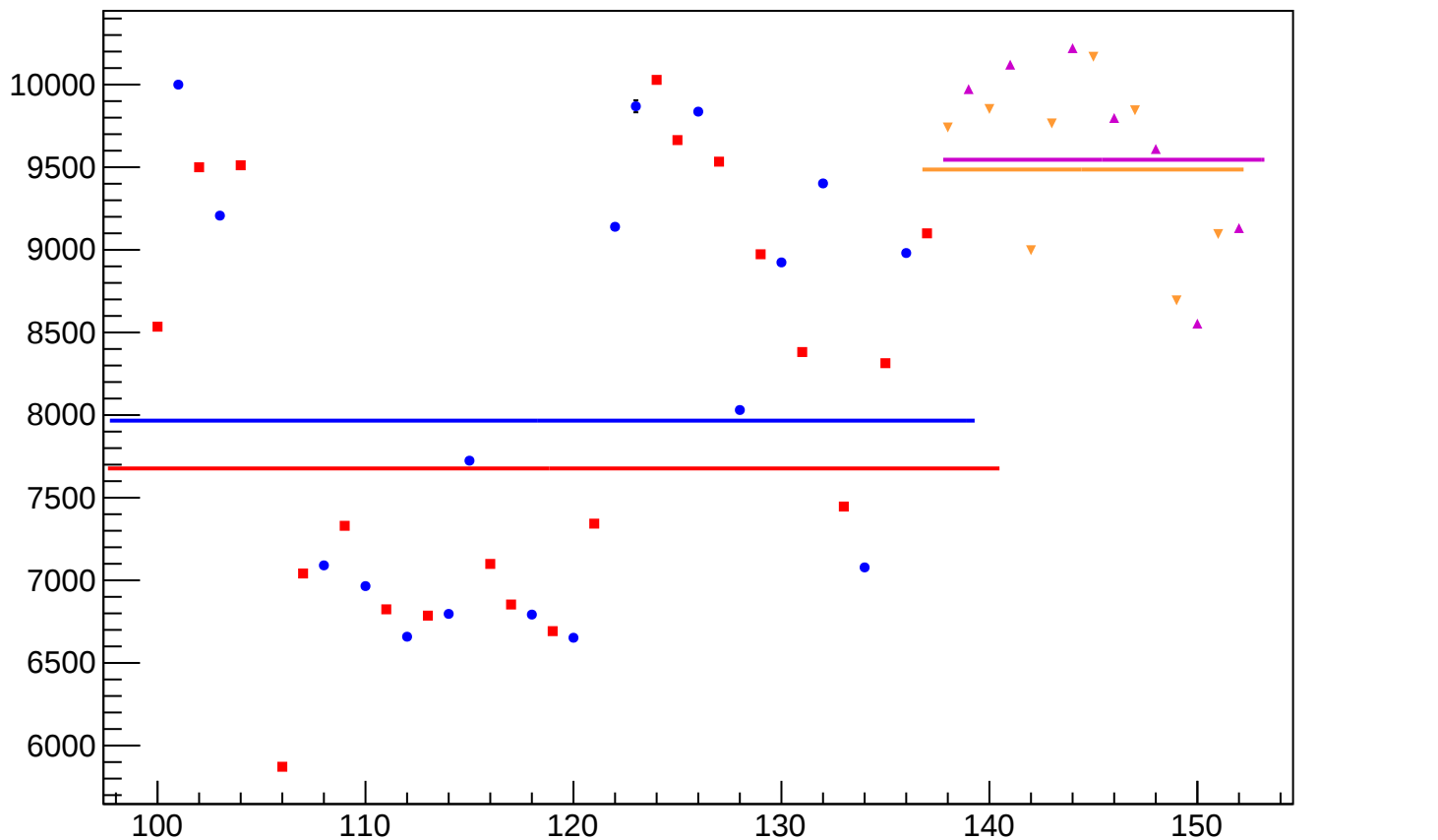
Left In: -16.052 $\pm$ 4.029 χ^2/NDF : 7.1/6

13.872 $\pm$ 2.447 χ^2/NDF : 71.5/24

6.854 $\pm$ 1.697 χ^2/NDF : 147.2/51

0.361 $\pm$ 2.354 χ^2/NDF : 59.9/26

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

Left Out: 9486.045 +/- 2.804 χ^2/NDF : 31807.4/7

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

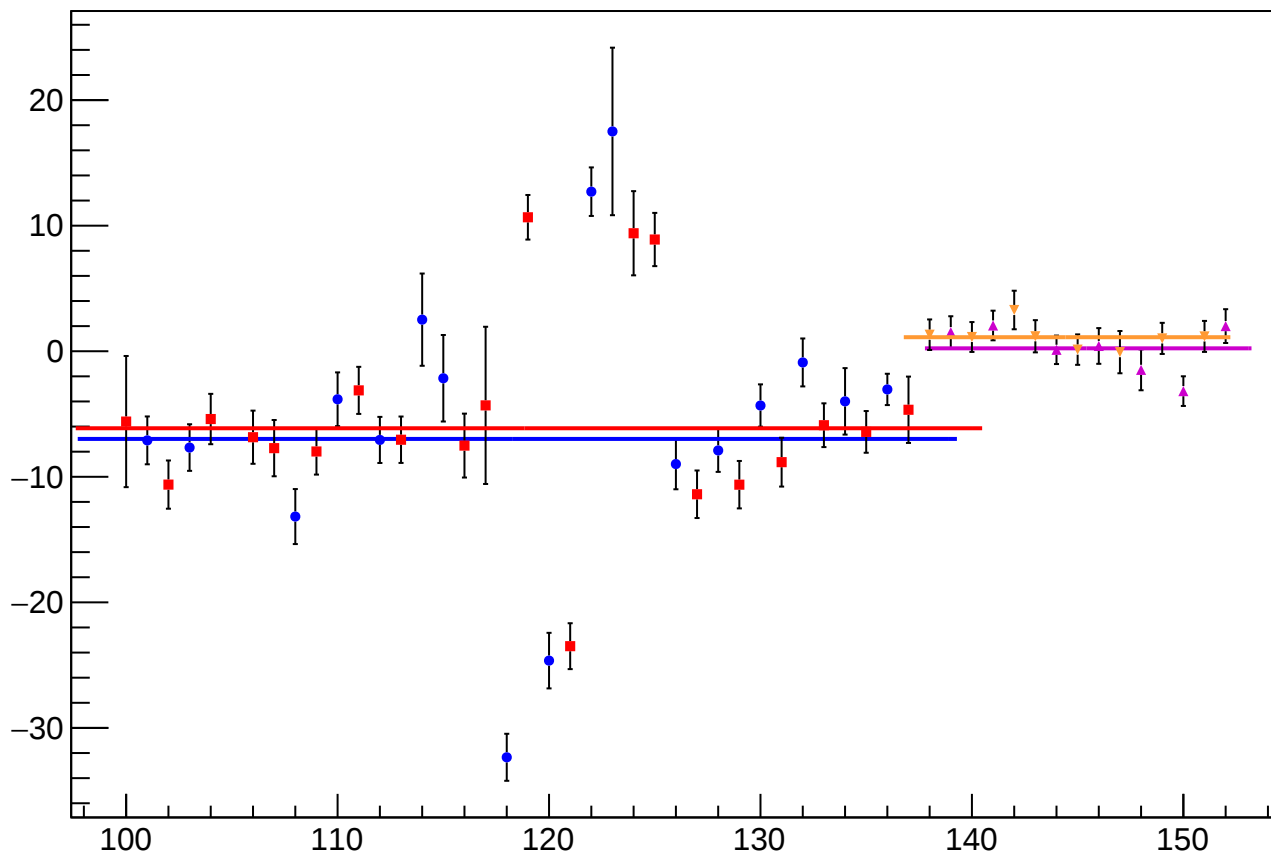
Left In: 9545.326 +/- 2.849 χ^2/NDF : 42914.1/6

8545.139 +/- 1.731 χ^2/NDF : 510233.8/24

8425.453 +/- 1.200 χ^2/NDF : 1161873.2/51

8314.727 +/- 1.665 χ^2/NDF : 642431.7/26

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

Left Out: 1.117 ± 0.459 $\chi^2/\text{NDF}: 3.2/7$

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

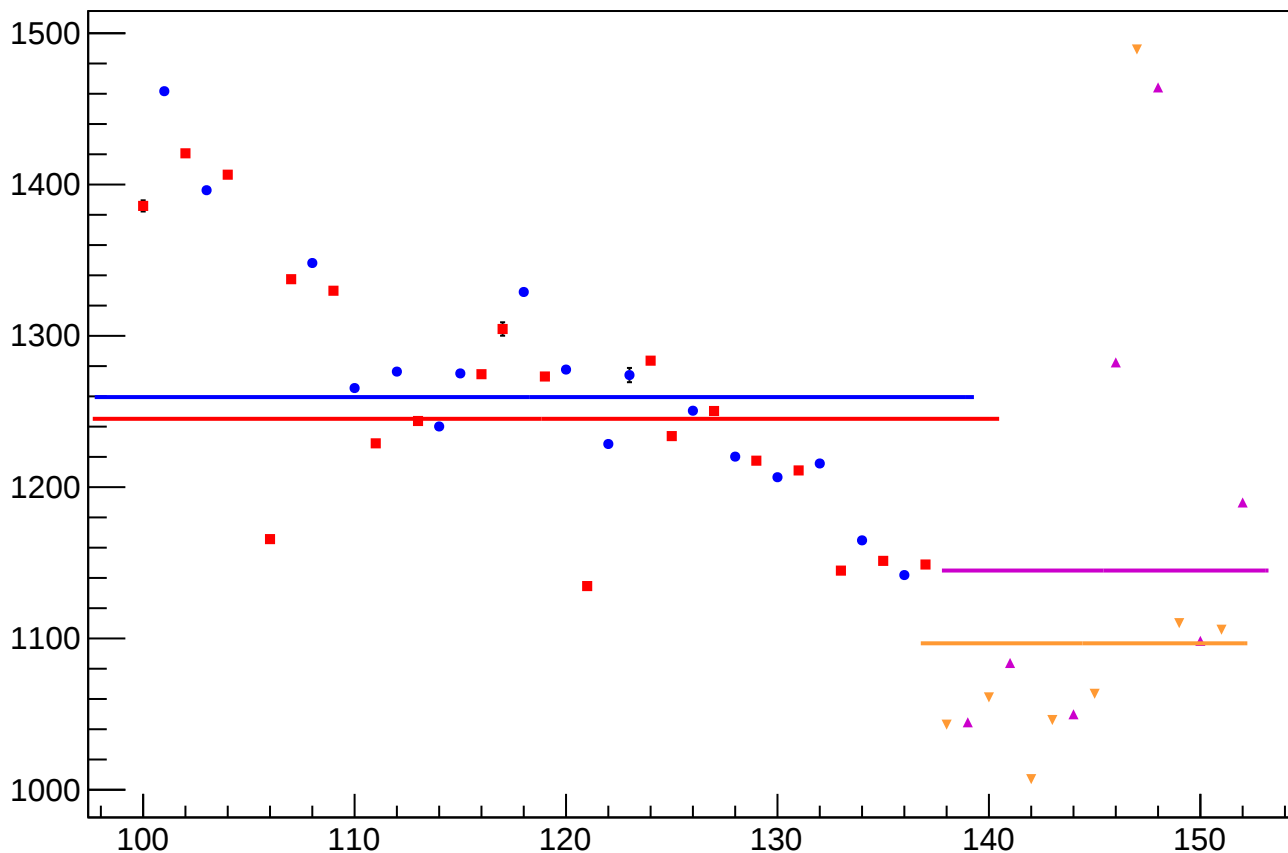
Left In: 0.231 ± 0.485 $\chi^2/\text{NDF}: 14.6/6$

-2.697 ± 0.334 $\chi^2/\text{NDF}: 558.6/24$

-2.888 ± 0.237 $\chi^2/\text{NDF}: 941.2/51$

-3.081 ± 0.336 $\chi^2/\text{NDF}: 382.0/26$

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

Left Out: 1096.791 ± 0.324 χ^2/NDF : 126307.7/7

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

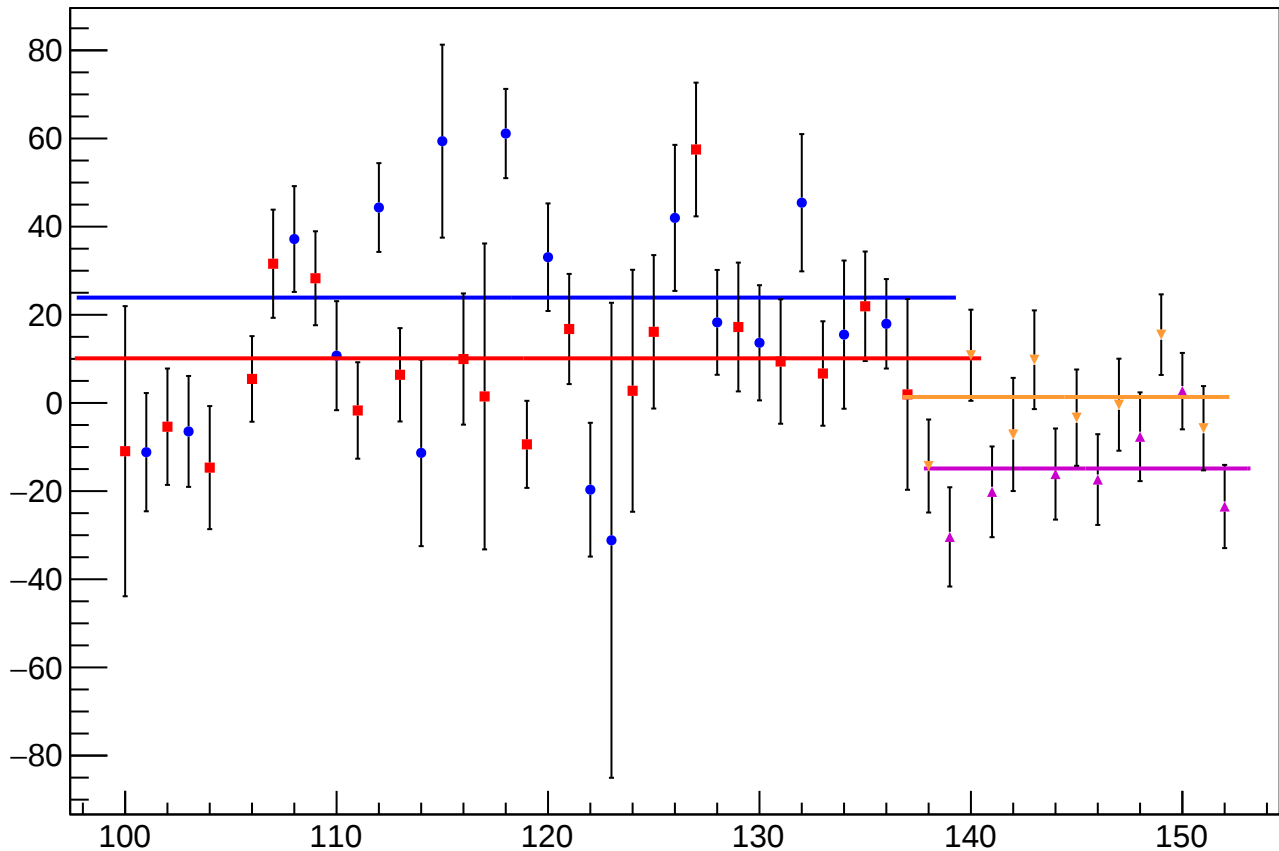
Left In: 1144.894 ± 0.343 χ^2/NDF : 133050.0/6

1173.419 ± 0.236 χ^2/NDF : 309726.7/24

1185.166 ± 0.167 χ^2/NDF : 559325.3/51

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: 1.354 ± 3.705 χ^2/NDF : 7.2/7

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

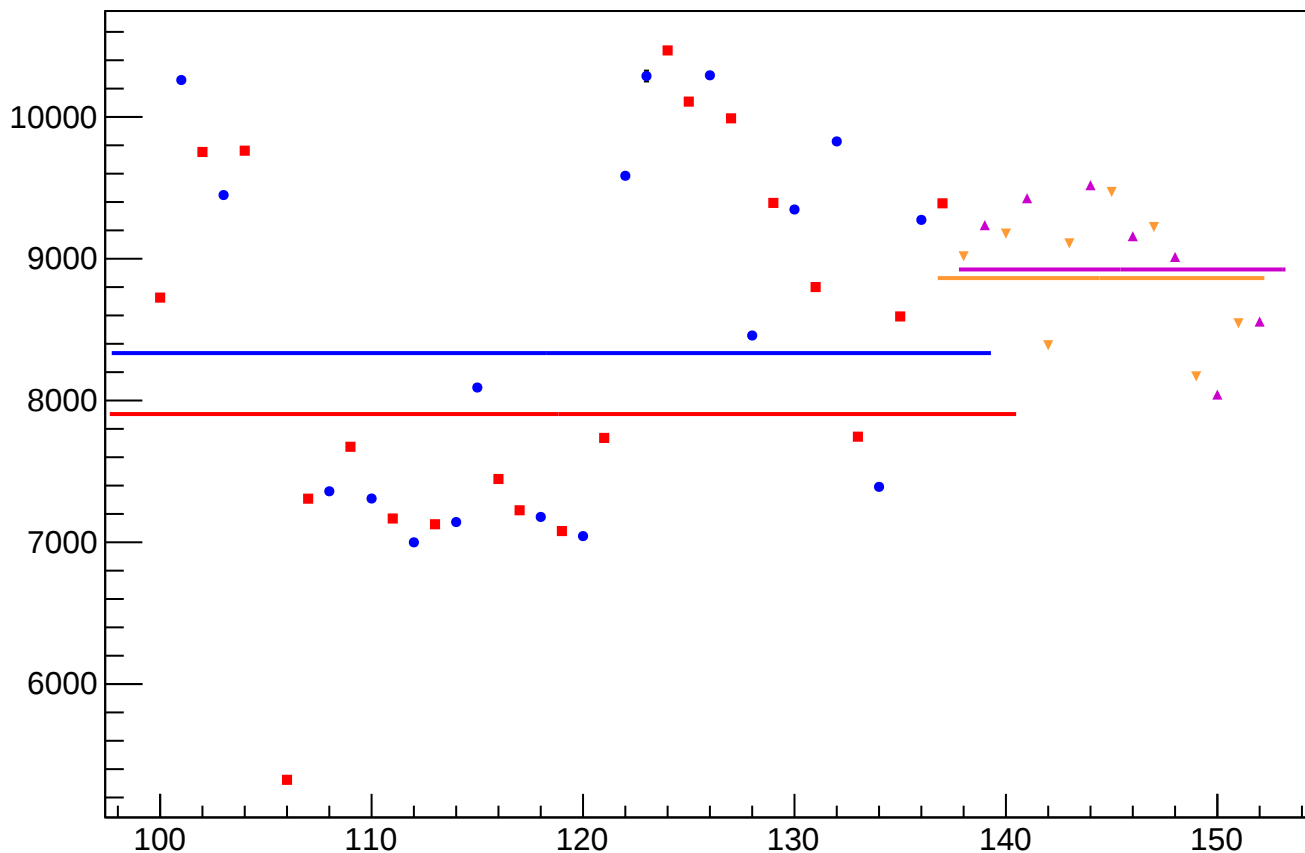
Left In: -14.870 ± 3.766 χ^2/NDF : 7.7/6

14.096 ± 2.443 χ^2/NDF : 80.6/24

6.985 ± 1.691 χ^2/NDF : 159.5/51

0.443 ± 2.344 χ^2/NDF : 62.7/26

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

Left Out: 8863.584 +/- 2.620 χ^2/NDF : 28238.3/7

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

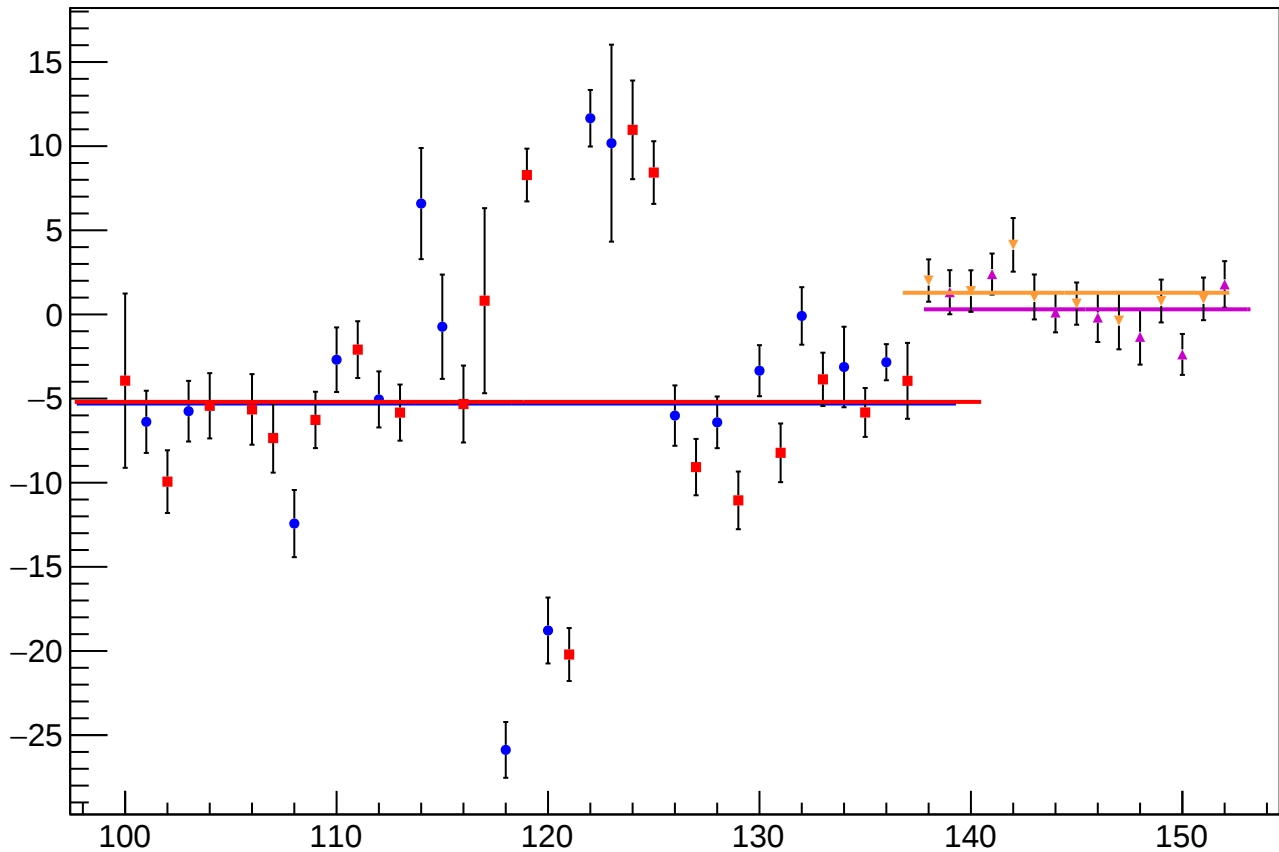
Left In: 8924.281 +/- 2.663 χ^2/NDF : 37853.5/6

8564.643 +/- 1.728 χ^2/NDF : 323587.7/24

8426.572 +/- 1.196 χ^2/NDF : 855142.6/51

8299.533 +/- 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: 1.287±/0.473 χ^2/NDF : 5.0/7

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

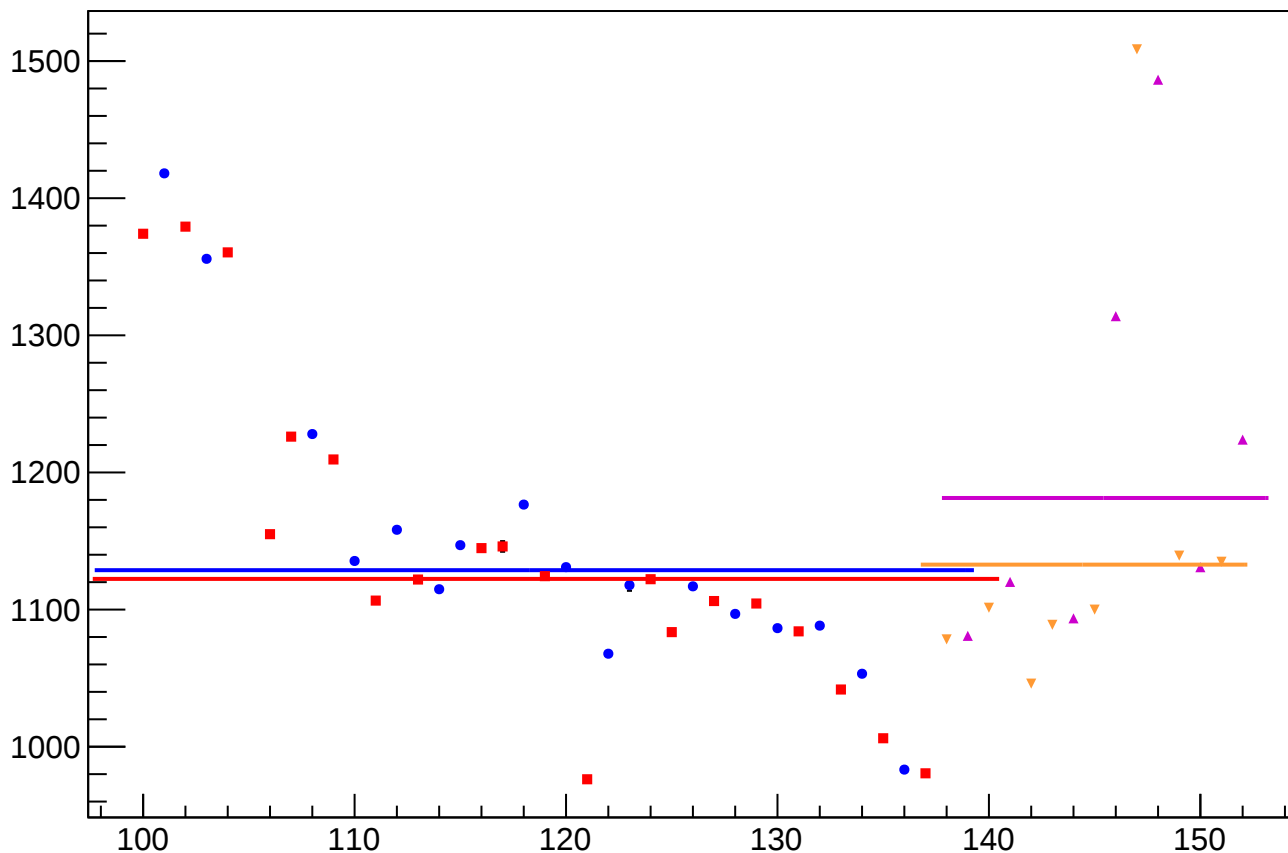
Left In: 0.303±/0.499 χ^2/NDF : 10.7/6

-2.268±/0.321 χ^2/NDF : 467.6/24

-2.591±/0.227 χ^2/NDF : 834.3/51

-2.917±/0.322 χ^2/NDF : 364.8/26

diff_bpm0l09Y_rms vs Slug, Sign Corrected



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

Left Out: 1132.786 ± 0.335 χ^2/NDF : 111756.8/7

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

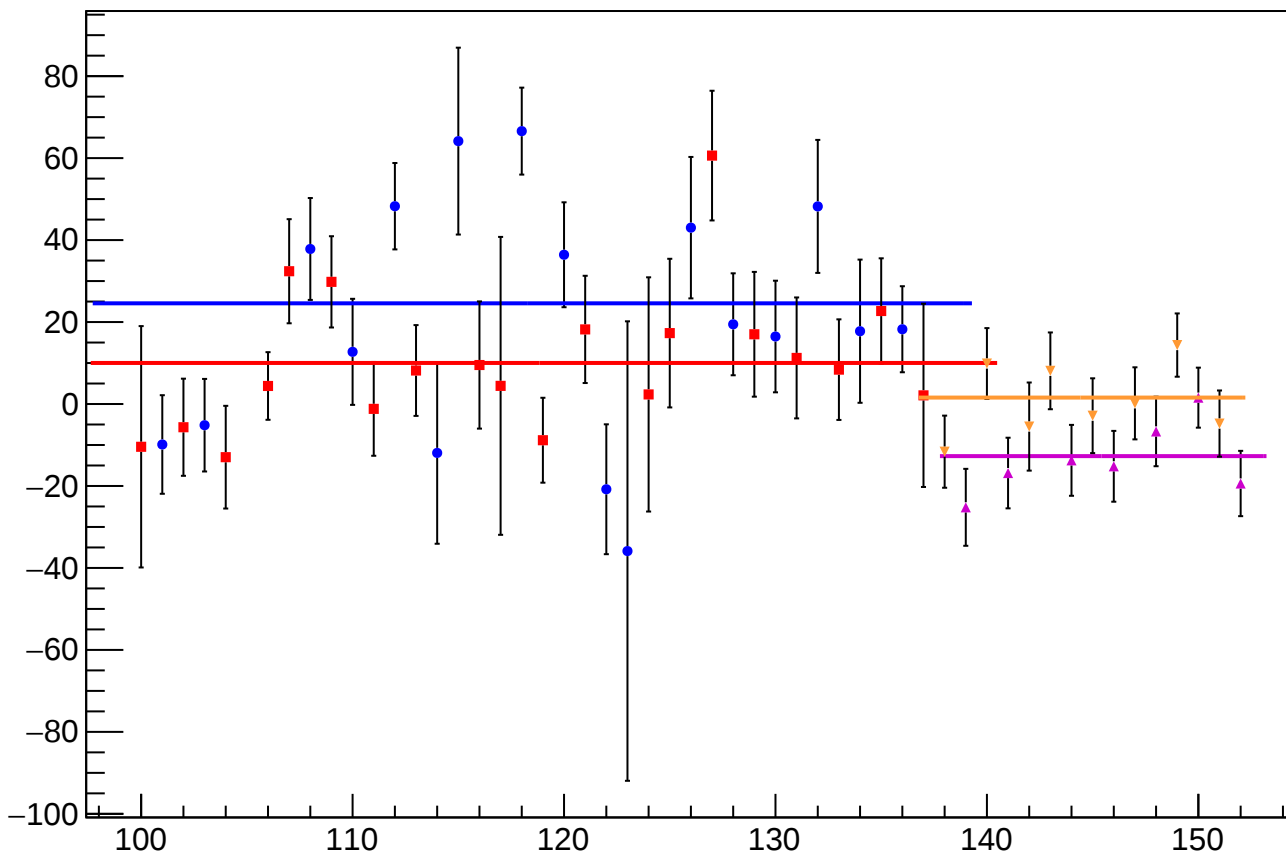
Left In: 1181.386 ± 0.353 χ^2/NDF : 118027.1/6

1130.601 ± 0.227 χ^2/NDF : 244932.5/24

1138.709 ± 0.161 χ^2/NDF : 511493.8/51

1146.847 ± 0.227 χ^2/NDF : 264005.0/26

diff_bpm0l10X_mean vs Slug, Sign Corrected



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

Left Out: 1.570+/-3.110 χ^2/NDF : 7.7/7

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

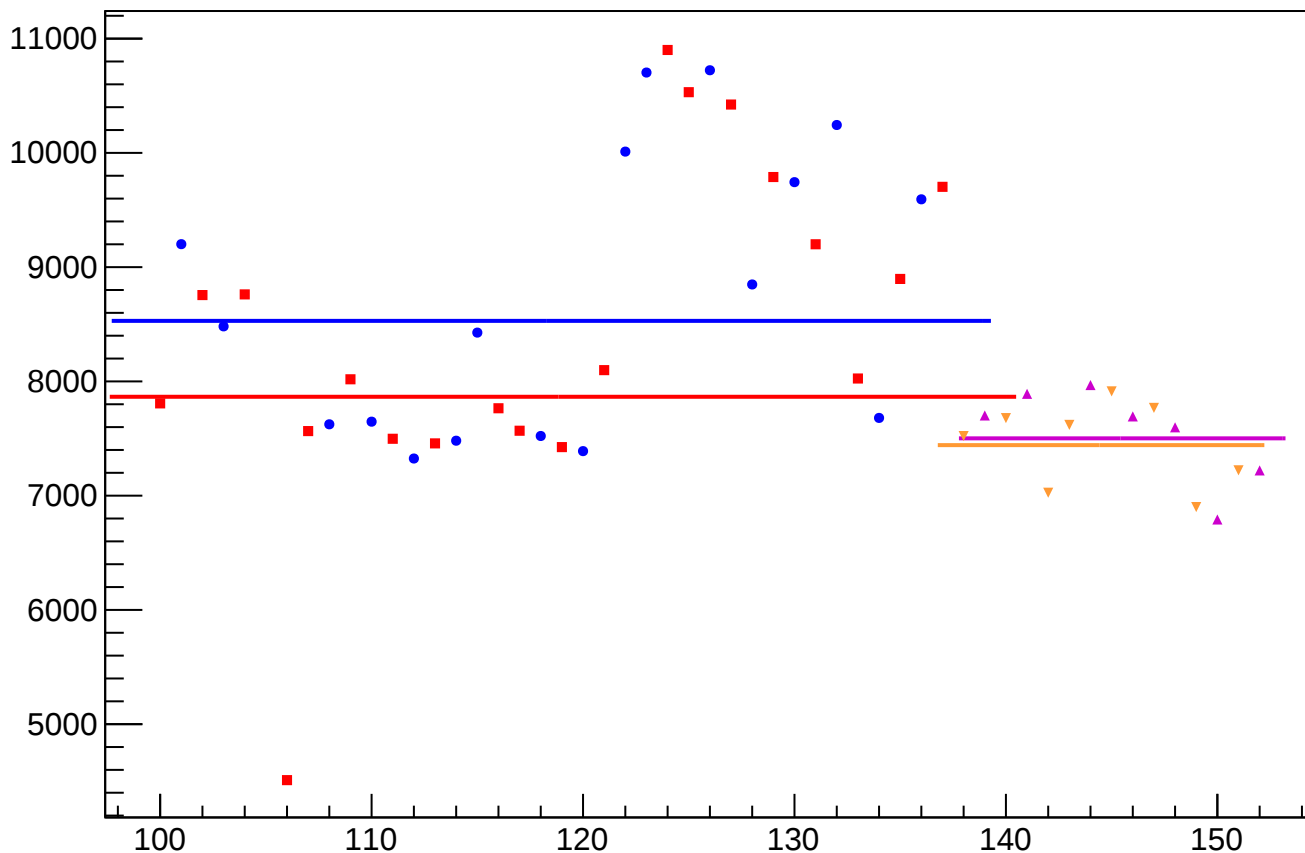
Left In: -12.714+/-3.164 χ^2/NDF : 7.1/6

12.325+/-2.269 χ^2/NDF : 91.4/24

5.523+/-1.571 χ^2/NDF : 171.8/51

-0.732+/-2.176 χ^2/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: 7442.270+/-2.199 χ^2/NDF : 24790.0/7

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

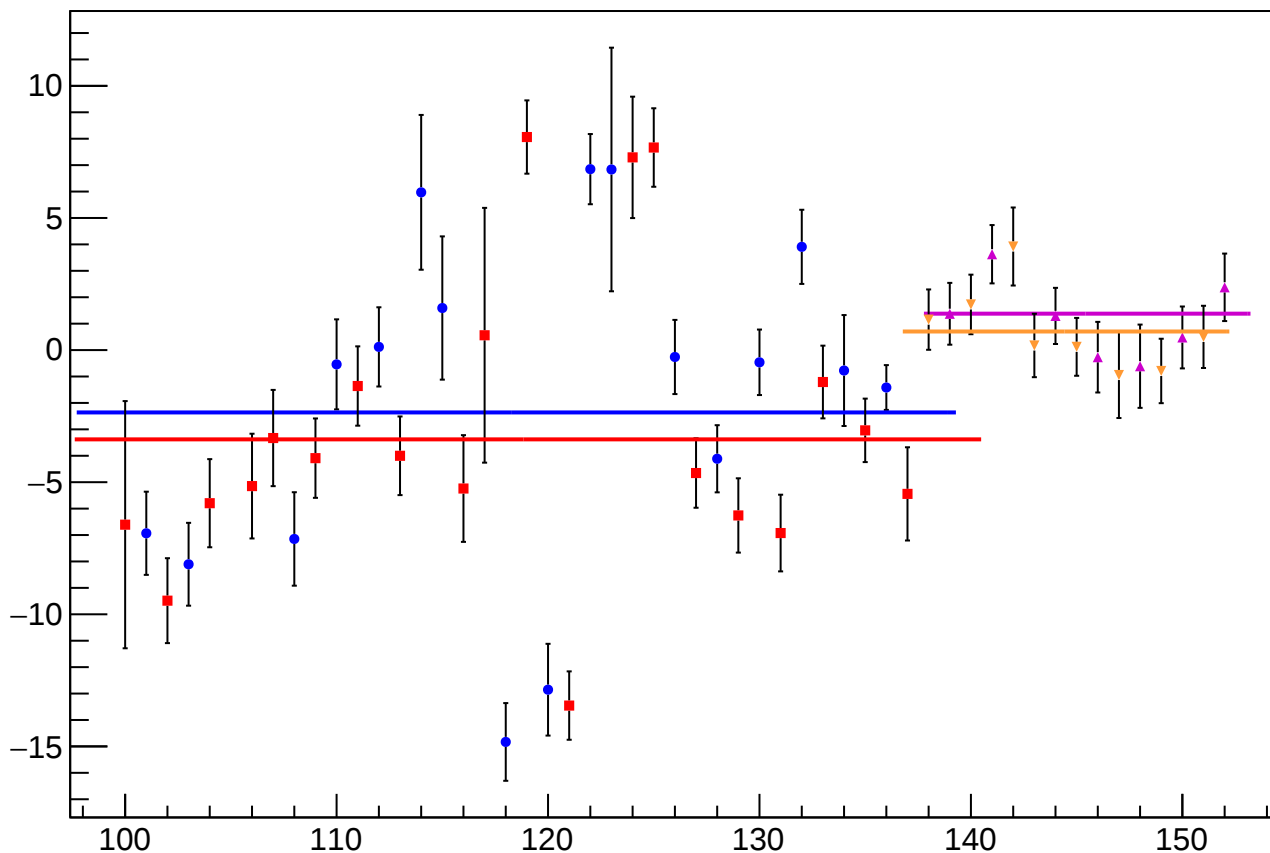
Left In: 7501.609+/-2.238 χ^2/NDF : 33359.4/6

7950.826+/-1.605 χ^2/NDF : 347494.2/24

7816.745+/-1.111 χ^2/NDF : 964178.6/51

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

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

Left Out: 0.704 ± 0.434 χ^2/NDF : 8.8/7

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

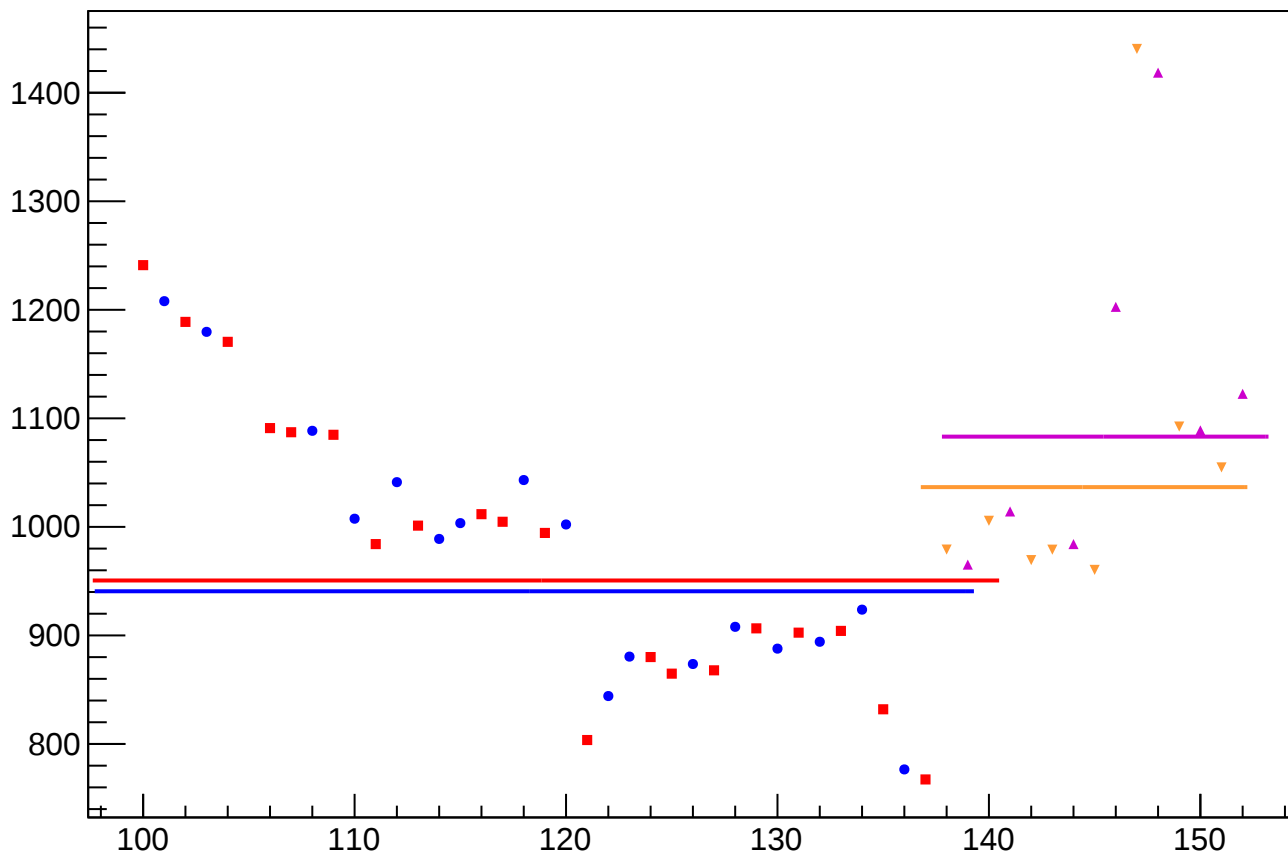
Left In: 1.378 ± 0.459 χ^2/NDF : 8.5/6

-1.088 ± 0.280 χ^2/NDF : 269.9/24

-1.335 ± 0.199 χ^2/NDF : 588.9/51

-1.586 ± 0.282 χ^2/NDF : 317.4/26

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

Left Out: 1036.635 $\pm$ 0.307 χ^2 /NDF:152714.9/7

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

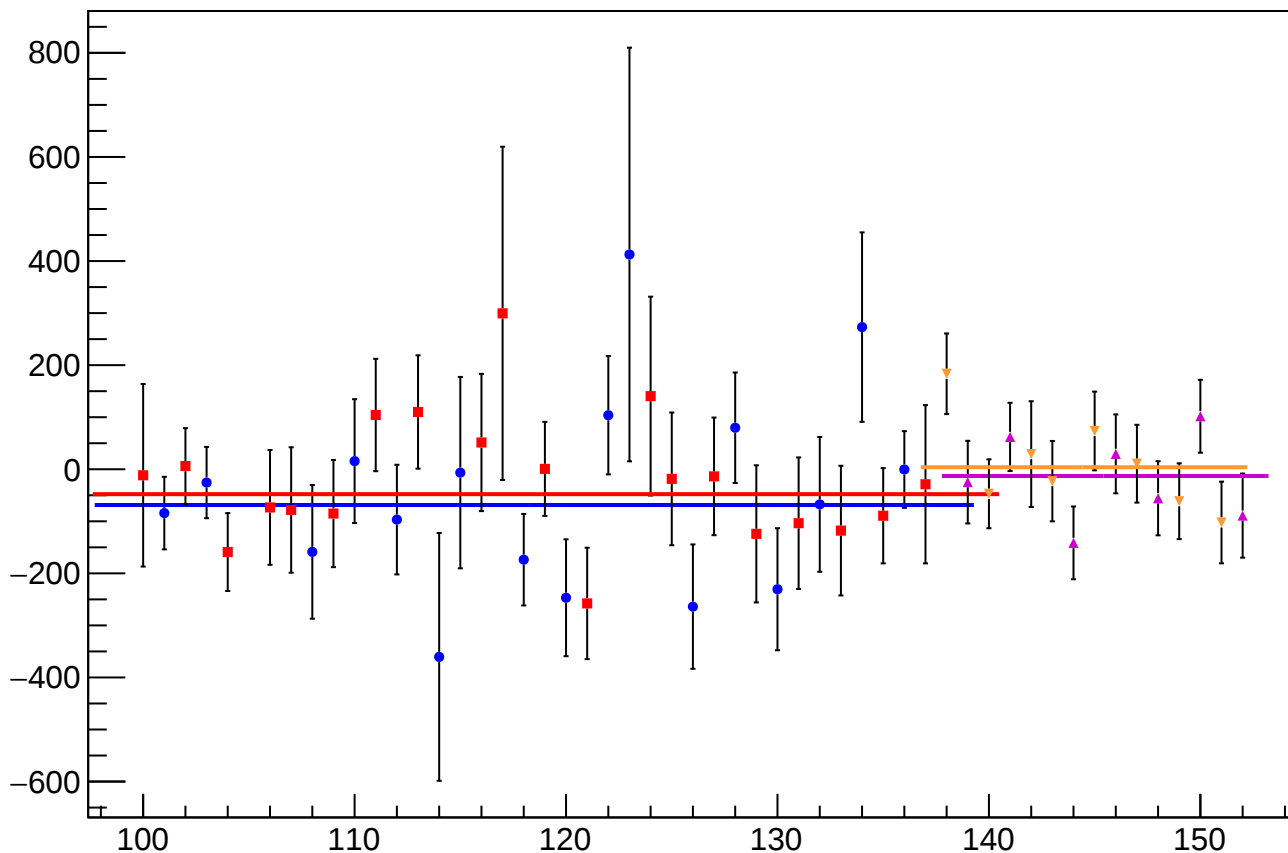
Left In: 1083.157 $\pm$ 0.325 χ^2 /NDF:154026.6/6

980.518 $\pm$ 0.198 χ^2 /NDF: 451690.9/24

990.463 $\pm$ 0.140 χ^2 /NDF: 935553.6/51

1000.579 $\pm$ 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: 3.945 $\pm$ 27.073 χ^2/NDF : 9.6/7

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

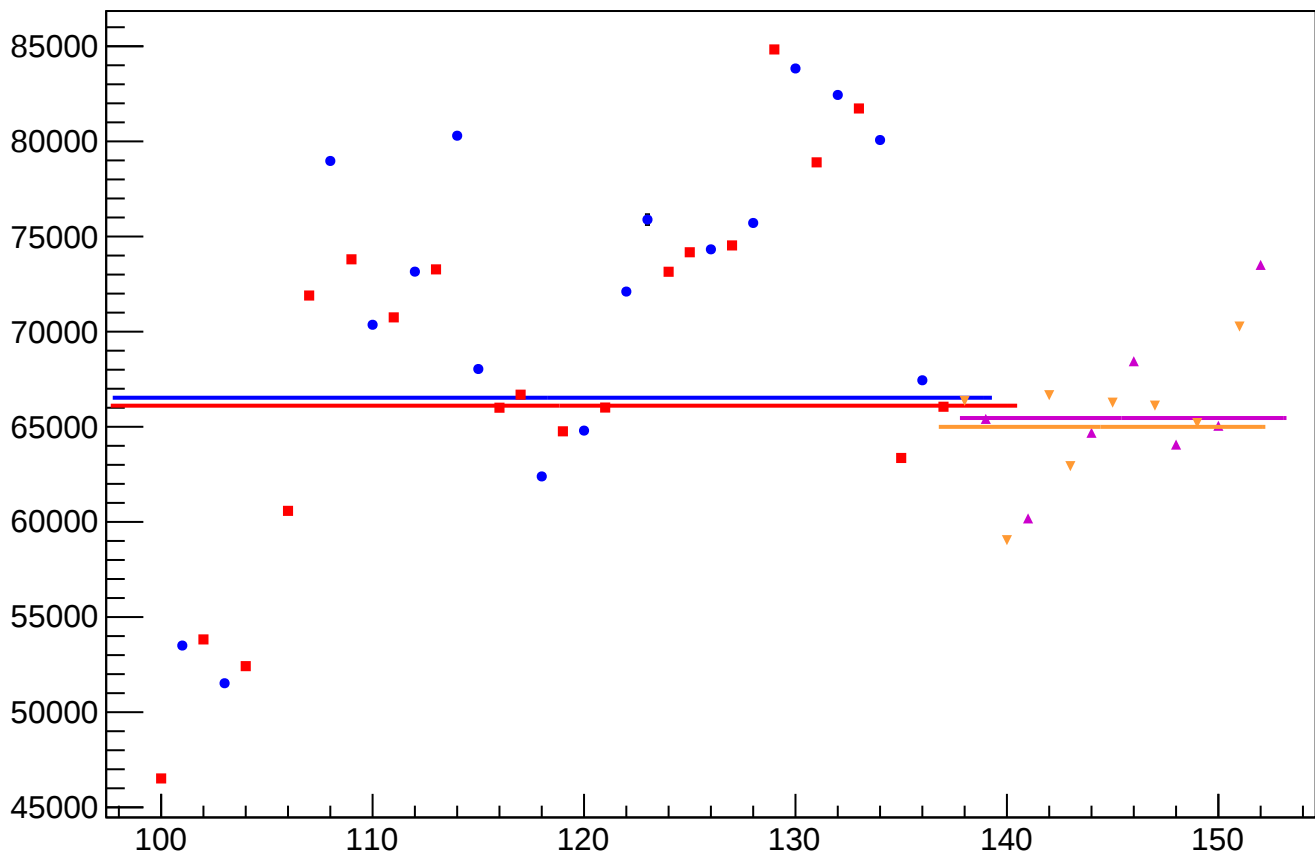
Left In: -12.958 $\pm$ 27.474 χ^2/NDF : 9.0/6

-33.915 $\pm$ 18.732 χ^2/NDF : 35.2/24

-32.983 $\pm$ 13.151 χ^2/NDF : 60.2/51

-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: 64996.145+/-19.144 χ^2/NDF : 28832.4/7

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

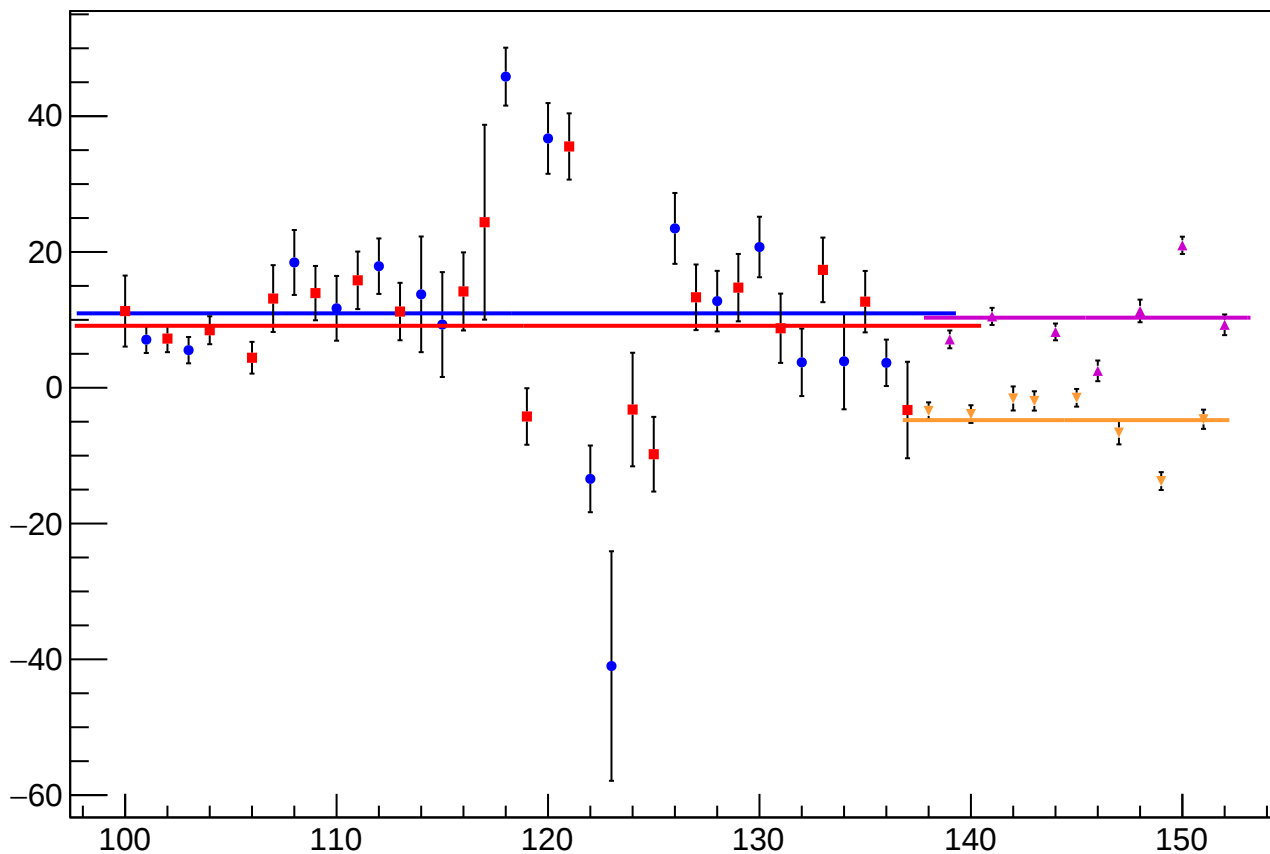
Left In: 65461.155+/-19.427 χ^2/NDF : 36973.5/6

65794.238+/-13.246 χ^2/NDF : 353054.0/24

65805.523+/-9.299 χ^2/NDF : 689131.2/51

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: -4.767 $\pm$ 0.498 χ^2 /NDF: 63.0/7

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

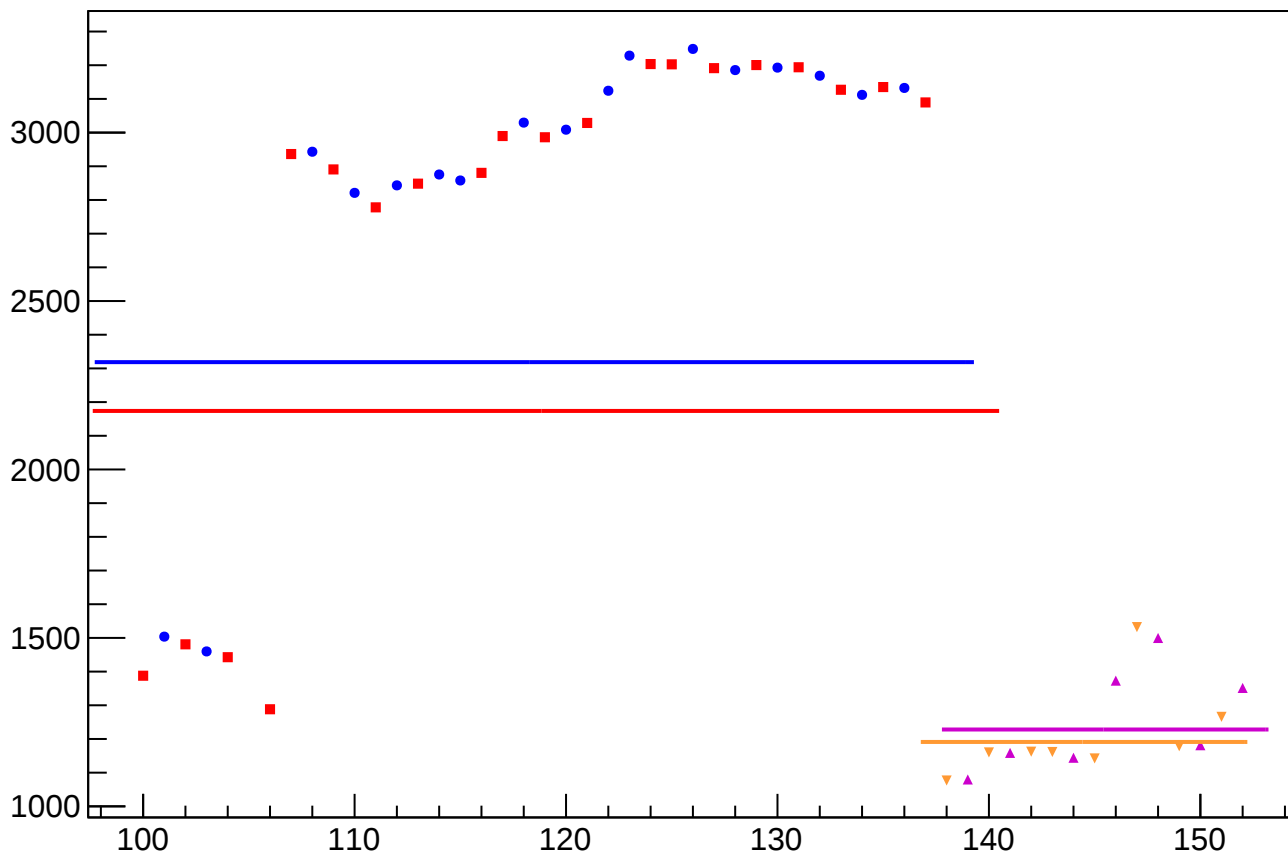
Left In: 10.322 $\pm$ 0.519 χ^2 /NDF: 106.5/6

-1.343 $\pm$ 0.440 χ^2 /NDF: 441.3/24

4.268 $\pm$ 0.313 χ^2 /NDF: 952.1/51

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: 1191.175 $\pm$ 0.352 χ^2/NDF : 105233.4/7

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

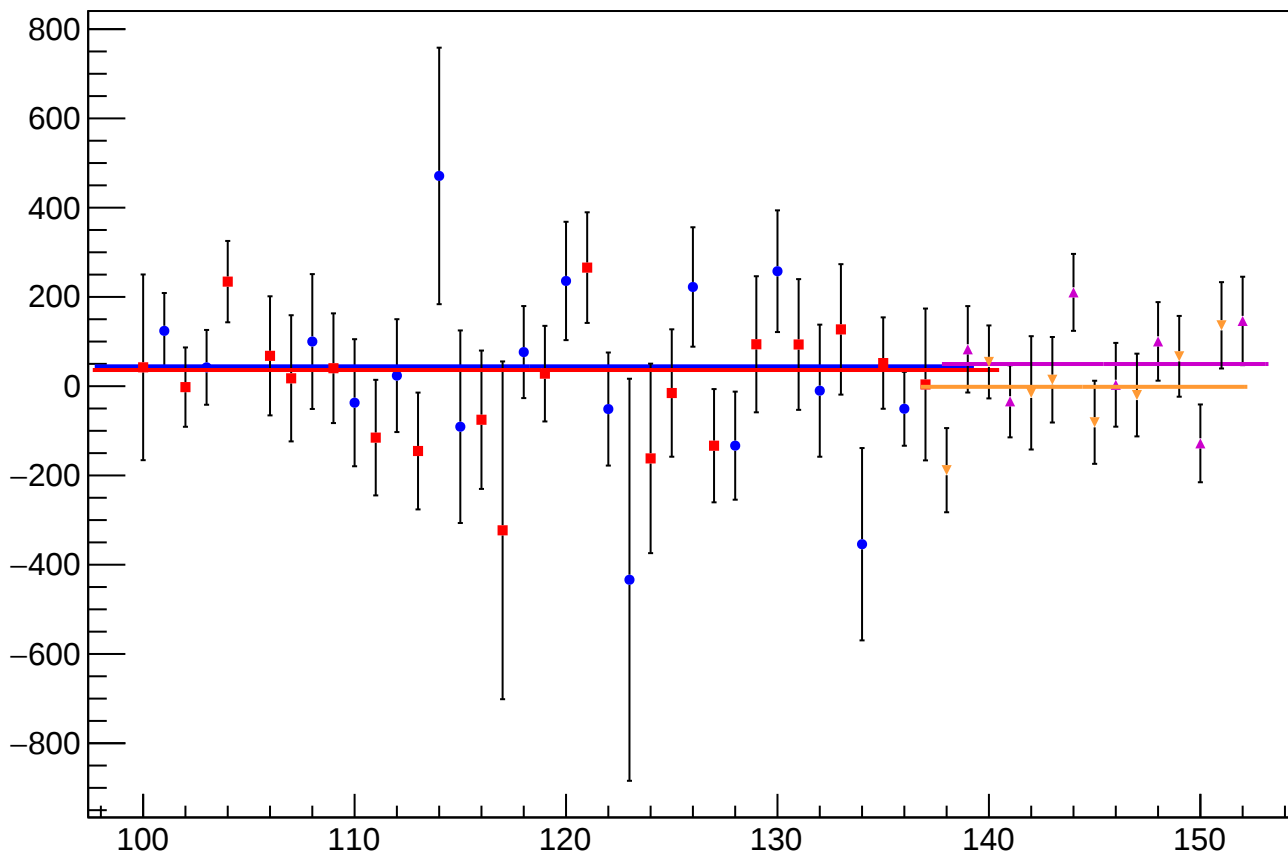
Left In: 1228.107 $\pm$ 0.367 χ^2/NDF : 128119.1/6

1436.709 $\pm$ 0.311 χ^2/NDF : 3748967.5/24

1457.440 $\pm$ 0.221 χ^2/NDF : 7404262.9/51

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

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 44.484 $\pm$ 30.432 χ^2/NDF : 19.1/16

Left Out: -1.423 $\pm$ 33.448 χ^2/NDF : 7.8/7

Right Out: 36.251 $\pm$ 29.346 χ^2/NDF : 16.7/19

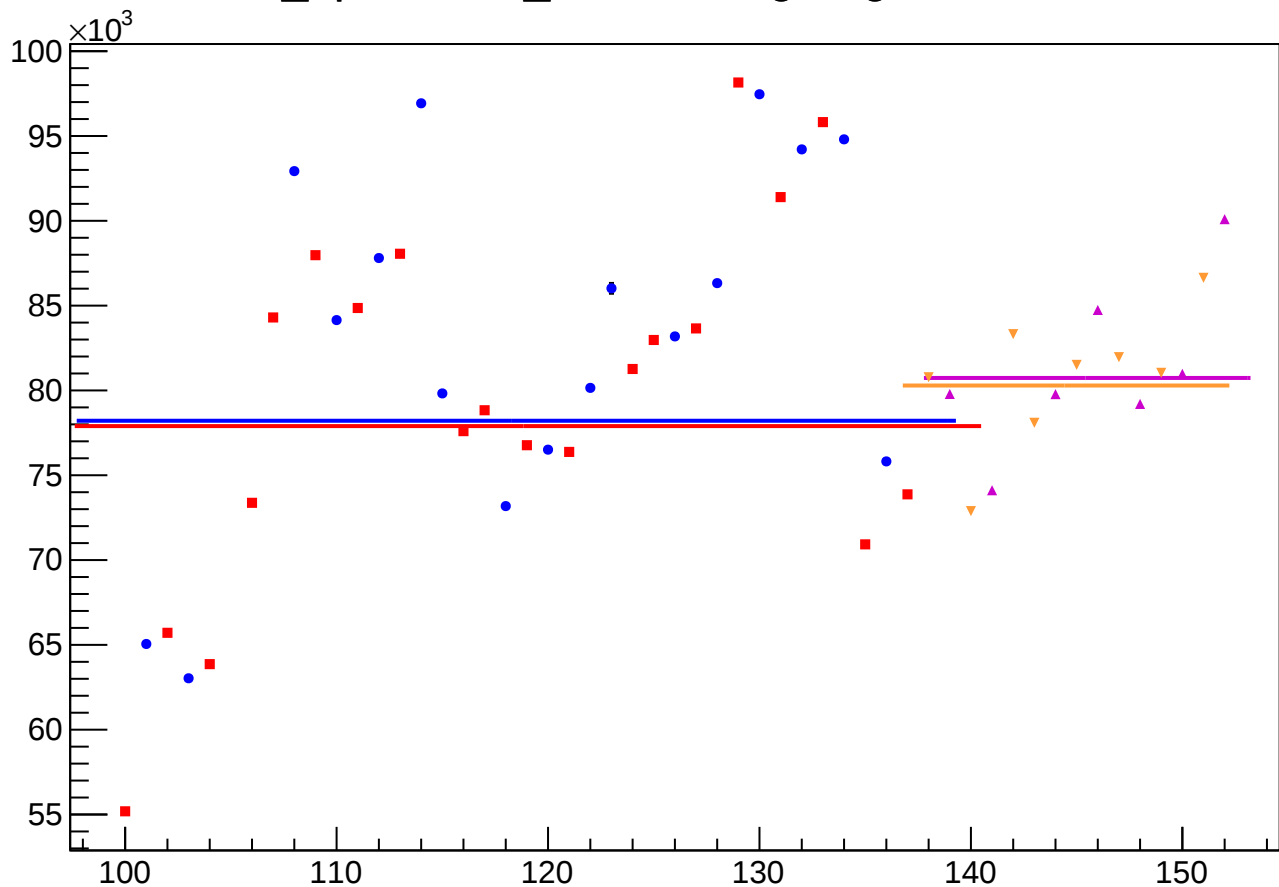
Left In: 49.678 $\pm$ 33.889 χ^2/NDF : 10.3/6

23.693 $\pm$ 22.510 χ^2/NDF : 27.9/24

32.982 $\pm$ 15.800 χ^2/NDF : 55.3/51

42.005 $\pm$ 22.184 χ^2/NDF : 27.1/26

diff_bpm0r05X_rms vs Slug, Sign Corrected



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

Left Out: 80290.081 $\pm$ 23.651 χ^2 /NDF: 28404.0/7

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

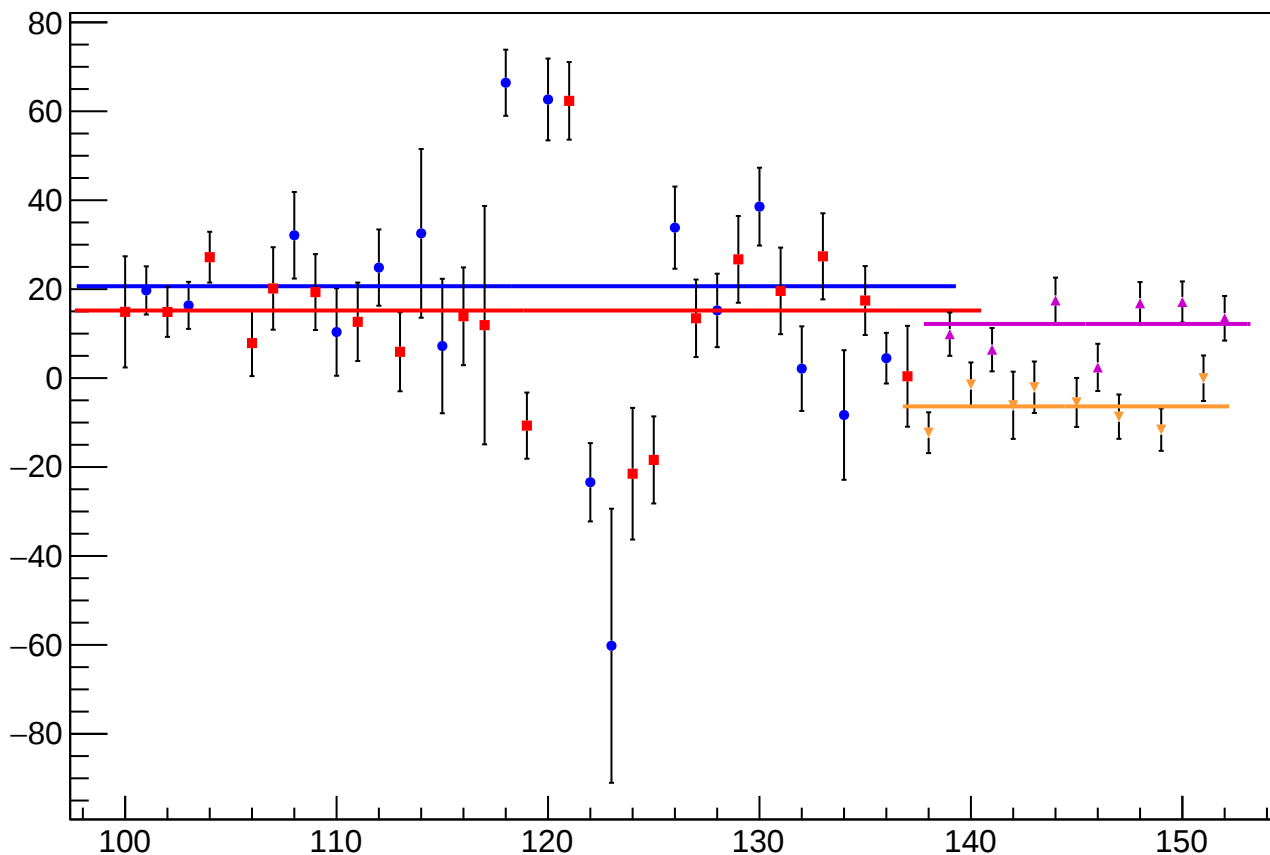
Left In: 80736.143 $\pm$ 23.963 χ^2 /NDF: 36007.8/6

79153.696 $\pm$ 15.917 χ^2 /NDF: 283680.1/24

79133.567 $\pm$ 11.173 χ^2 /NDF: 574692.3/5

79114.016 $\pm$ 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: -6.361 $\pm$ 1.854 χ^2/NDF : 6.2/7

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

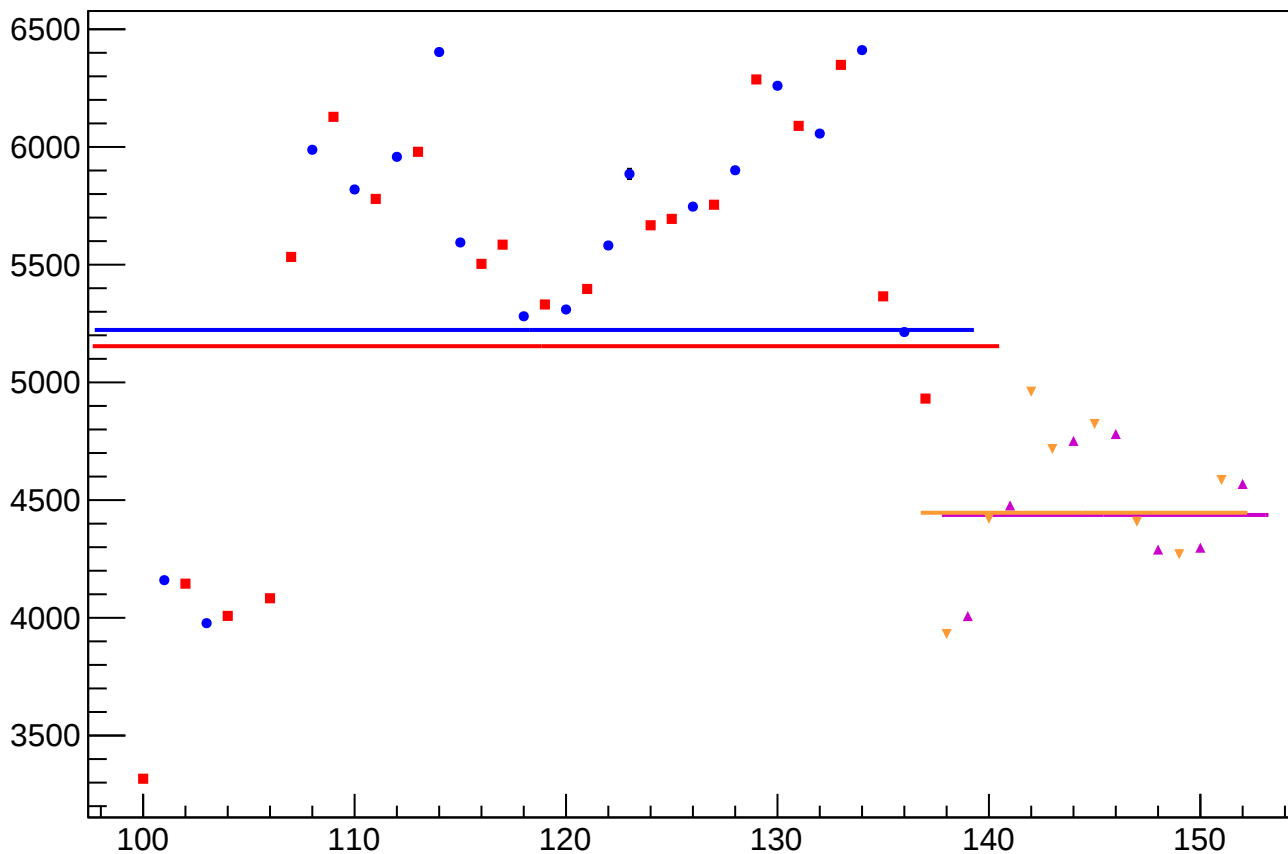
Left In: 12.179 $\pm$ 1.863 χ^2/NDF : 8.2/6

5.888 $\pm$ 1.371 χ^2/NDF : 220.2/24

9.822 $\pm$ 0.961 χ^2/NDF : 317.2/51

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: 4446.359 $\pm$ 1.311 χ^2 /NDF: 52573.6/7

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

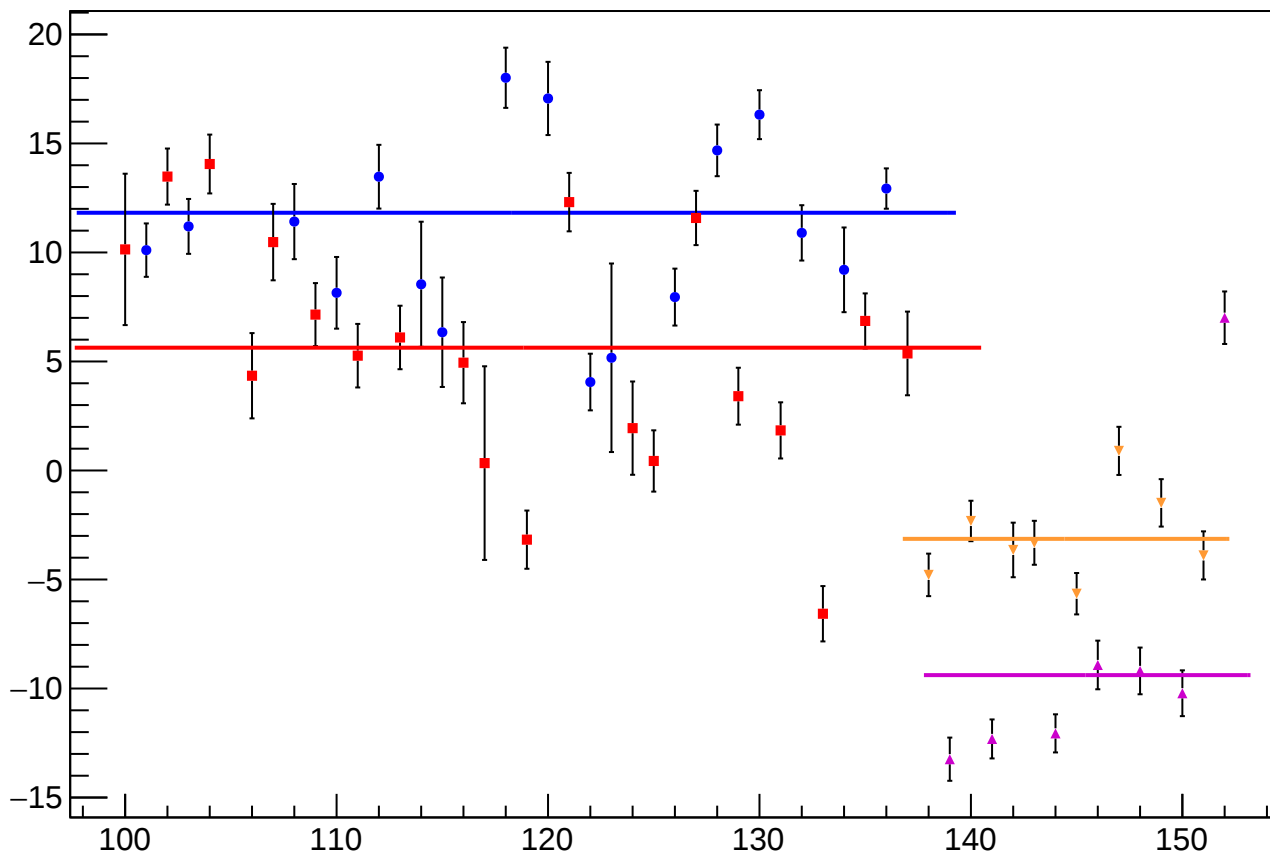
Left In: 4436.932 $\pm$ 1.318 χ^2 /NDF: 36671.8/6

4798.352 $\pm$ 0.969 χ^2 /NDF: 524075.1/24

4788.598 $\pm$ 0.679 χ^2 /NDF: 1090485.4/51

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

diff_bpm2i01X_mean vs Slug, Sign Corrected



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

Left Out: -3.136 $\pm$ 0.367 χ^2/NDF : 27.0/7

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

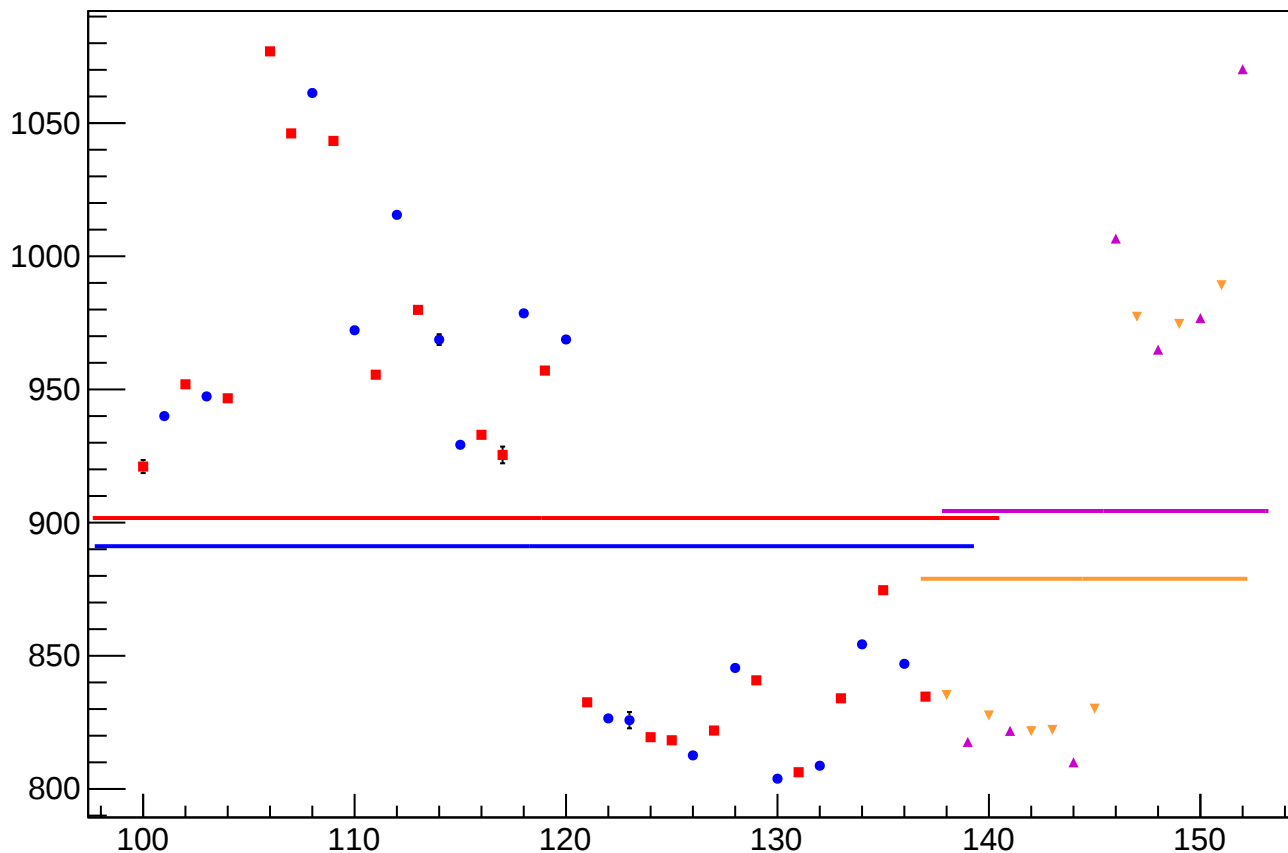
Left In: -9.386 $\pm$ 0.382 χ^2/NDF : 221.2/6

4.810 $\pm$ 0.251 χ^2/NDF : 1027.6/24

1.952 $\pm$ 0.178 χ^2/NDF : 2679.1/51

-0.949 $\pm$ 0.253 χ^2/NDF : 1390.5/26

diff_bpm2i01X_rms vs Slug, Sign Corrected



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

Left Out: 878.915 $\pm$ 0.259 χ^2/NDF : 77248.7/7

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

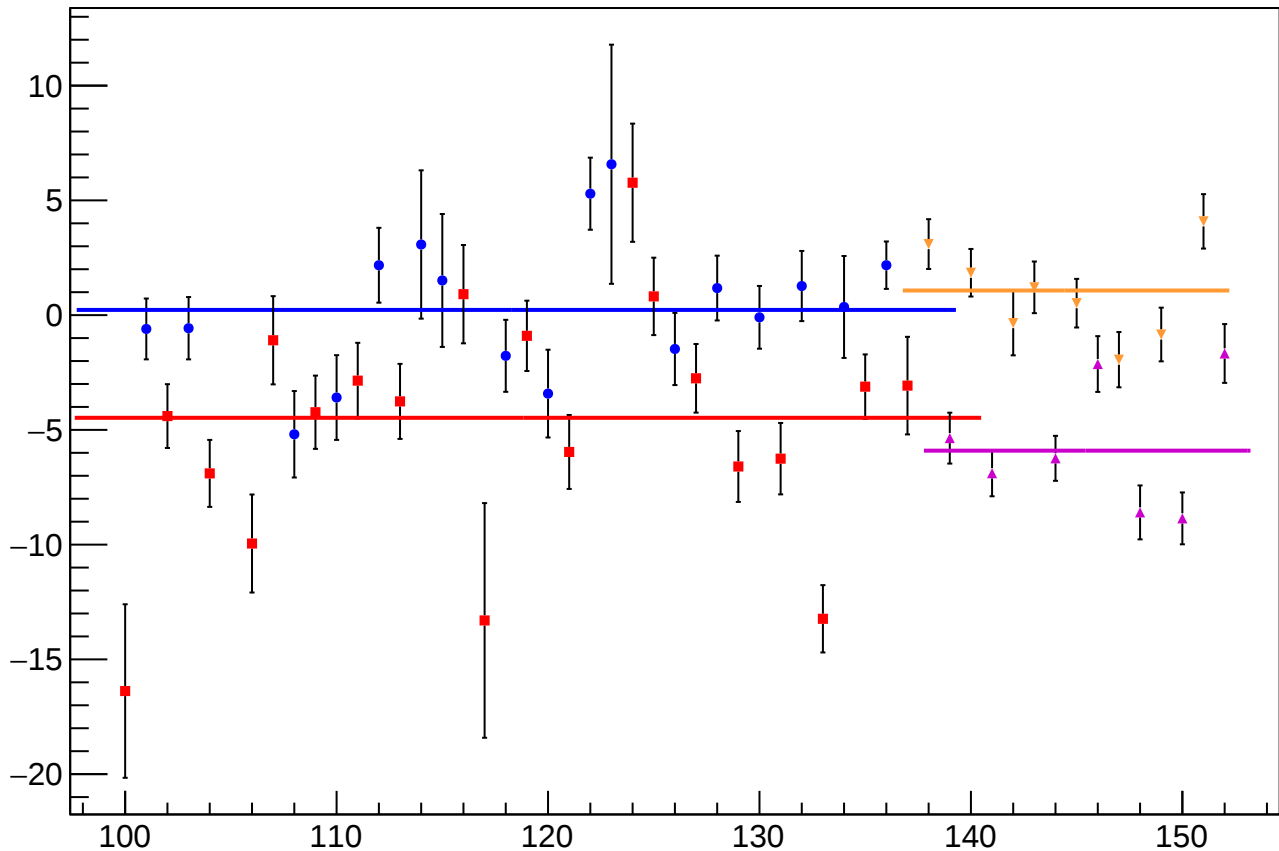
Left In: 904.366 $\pm$ 0.270 χ^2/NDF : 126295.2/6

885.415 $\pm$ 0.178 χ^2/NDF : 180090.0/24

894.084 $\pm$ 0.126 χ^2/NDF : 425890.7/51

902.883 $\pm$ 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: 1.073 ± 0.405 χ^2/NDF : 20.8/7

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

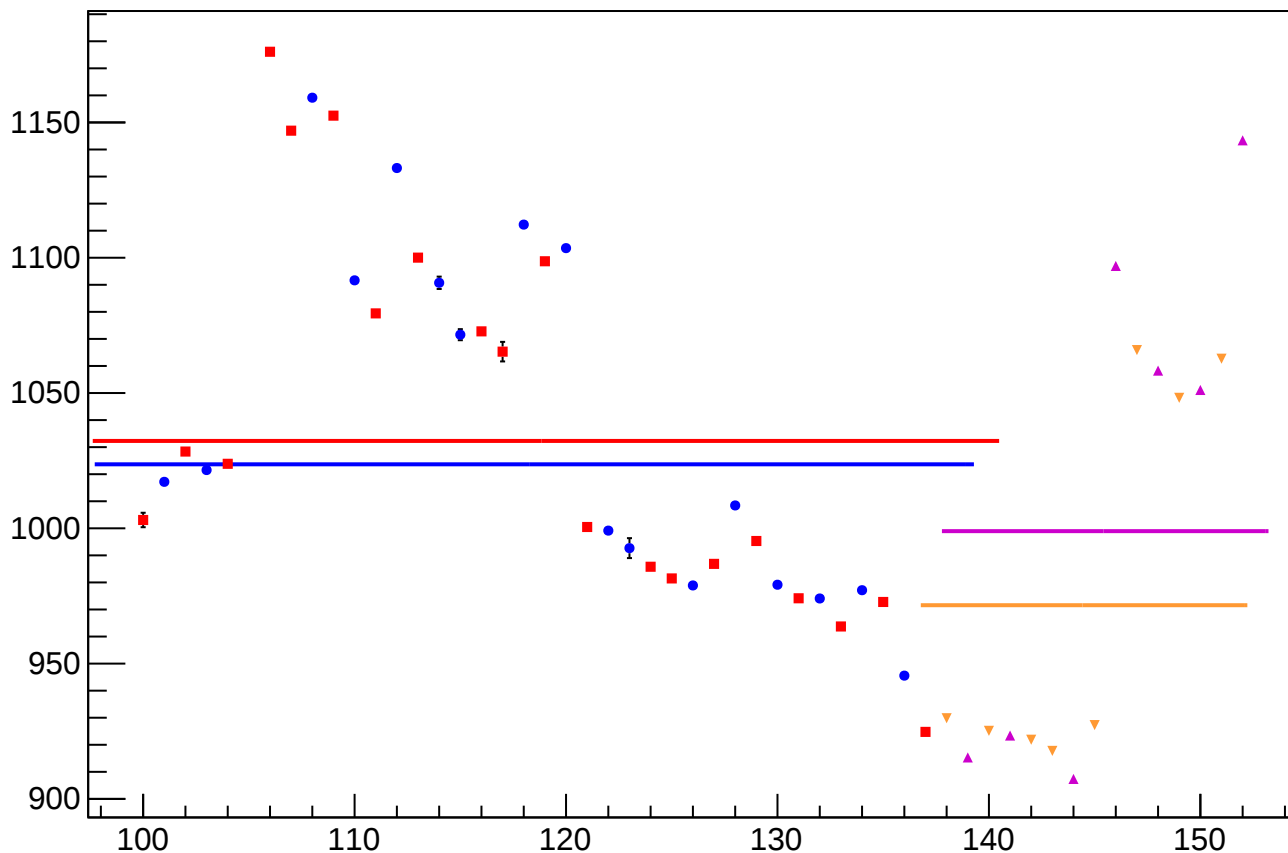
Left In: -5.905 ± 0.421 χ^2/NDF : 34.0/6

0.639 ± 0.283 χ^2/NDF : 61.5/24

-2.227 ± 0.201 χ^2/NDF : 414.8/51

-5.126 ± 0.284 χ^2/NDF : 146.6/26

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

Left Out: 971.581 $\pm$ 0.286 χ^2/NDF : 50218.9/7

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

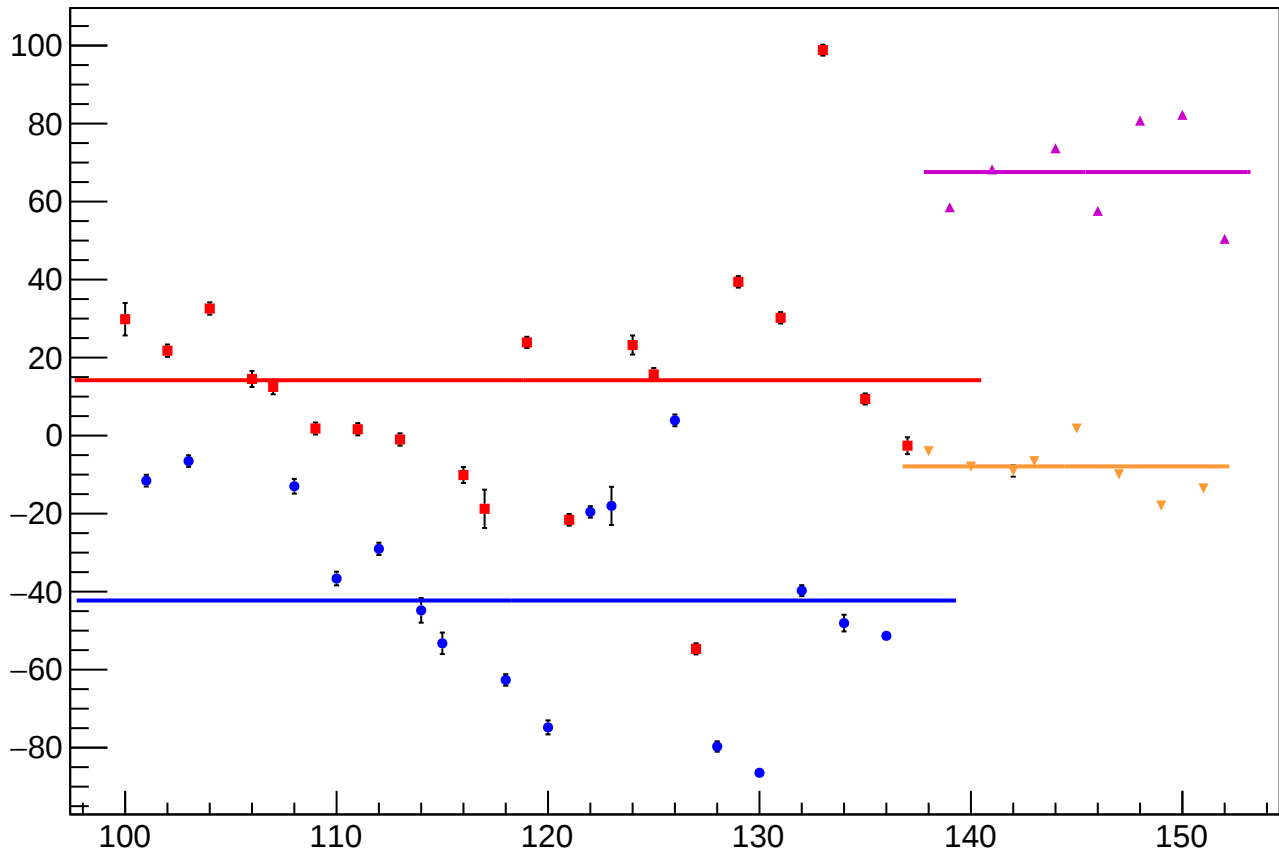
Left In: 998.954 $\pm$ 0.298 χ^2/NDF : 87953.1/6

998.263 $\pm$ 0.200 χ^2/NDF : 119542.4/24

1007.621 $\pm$ 0.142 χ^2/NDF : 278197.5/51

1017.088 $\pm$ 0.201 χ^2/NDF : 154247.9/26

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

Left Out: -7.896 ± 0.417 χ^2/NDF : 182.2/7

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

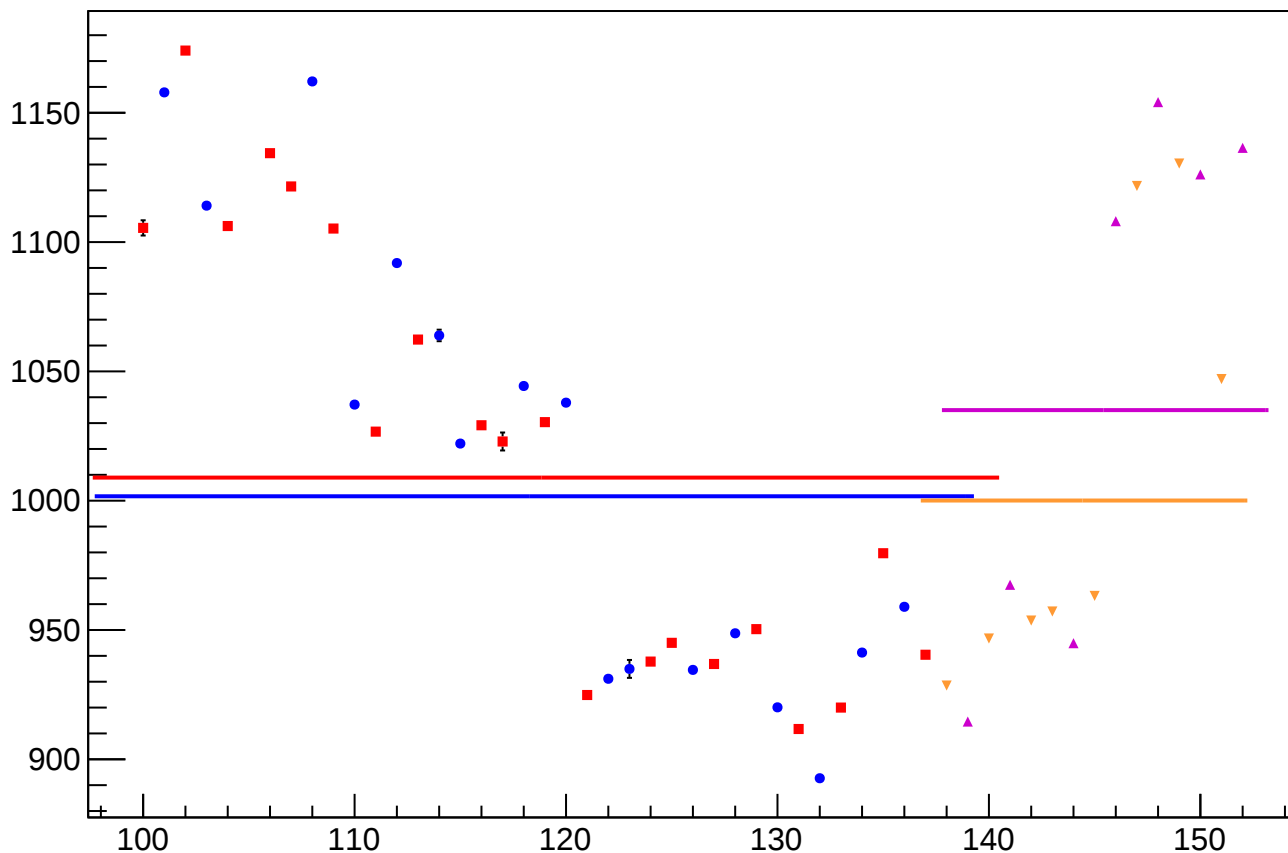
Left In: 67.575 ± 0.436 χ^2/NDF : 601.6/6

-26.359 ± 0.284 χ^2/NDF : 8961.2/24

5.137 ± 0.201 χ^2/NDF : 50644.2/51

37.028 ± 0.285 χ^2/NDF : 16875.4/26

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1001.706 ± 0.274 $\chi^2/\text{NDF}: 95480.0/16$

Left Out: 1000.065 ± 0.295 $\chi^2/\text{NDF}: 63757.4/7$

Right Out: 1008.931 ± 0.267 $\chi^2/\text{NDF}: 95366.1/19$

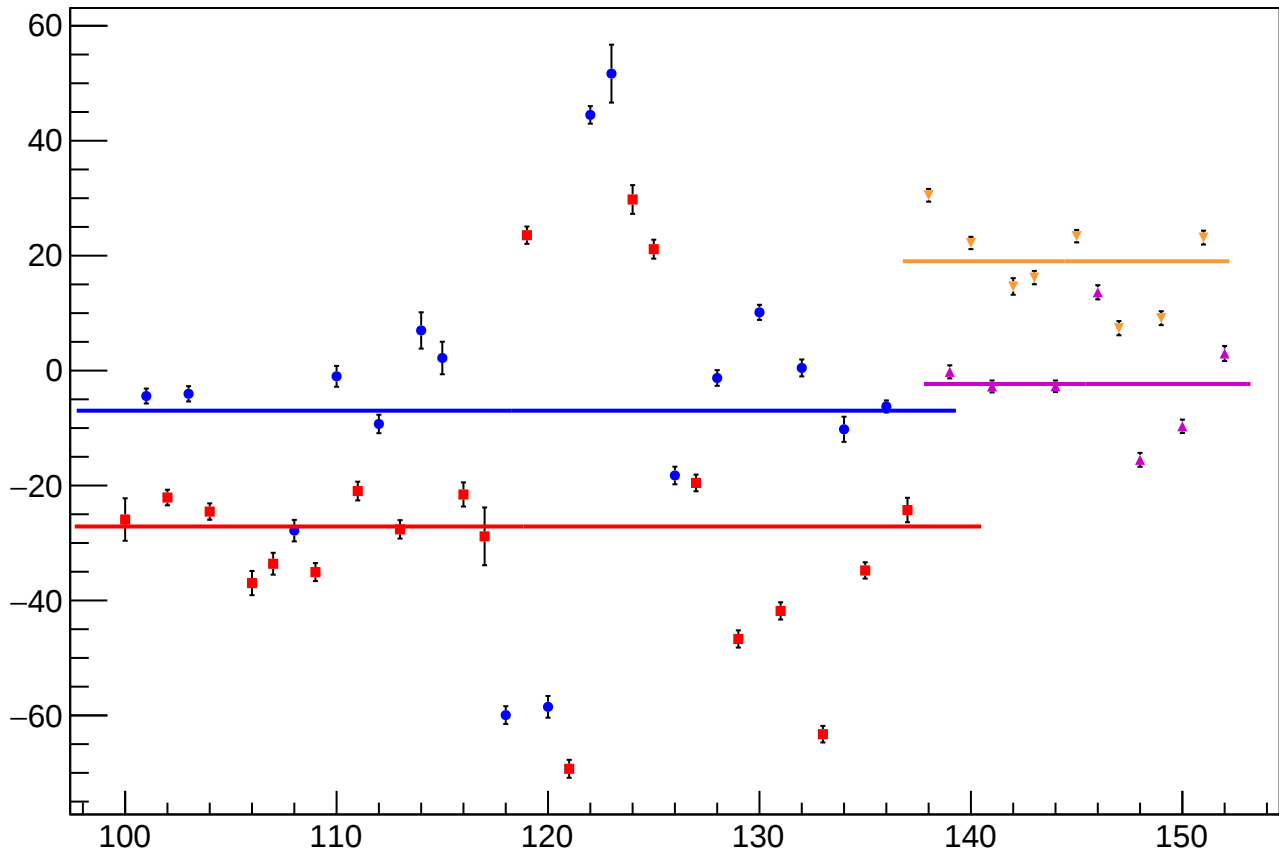
Left In: 1035.027 ± 0.309 $\chi^2/\text{NDF}: 95836.3/6$

1000.946 ± 0.201 $\chi^2/\text{NDF}: 159254.0/24$

1010.460 ± 0.142 $\chi^2/\text{NDF}: 359074.3/51$

1020.092 ± 0.202 $\chi^2/\text{NDF}: 195293.7/26$

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

Left Out: 19.032 ± 0.417 χ^2/NDF : 314.0/7

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

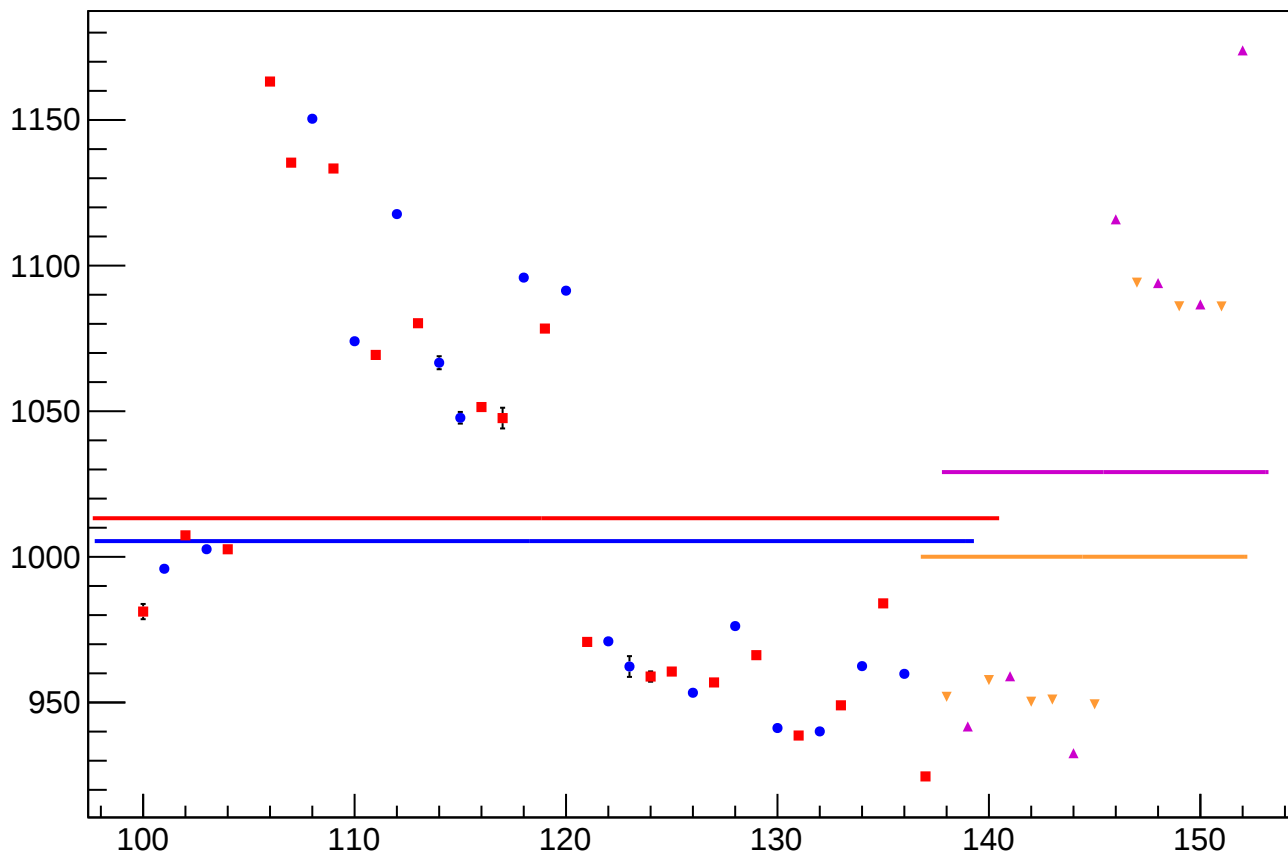
Left In: -2.327 ± 0.434 χ^2/NDF : 344.6/6

5.101 ± 0.284 χ^2/NDF : 6037.4/24

-5.604 ± 0.201 χ^2/NDF : 15377.0/51

-16.404 ± 0.285 χ^2/NDF : 6484.0/26

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 1005.409 ± 0.274 $\chi^2/\text{NDF}: 54586.0/16$

Left Out: 1000.038 ± 0.295 $\chi^2/\text{NDF}: 48863.9/7$

Right Out: 1013.260 ± 0.268 $\chi^2/\text{NDF}: 63359.8/19$

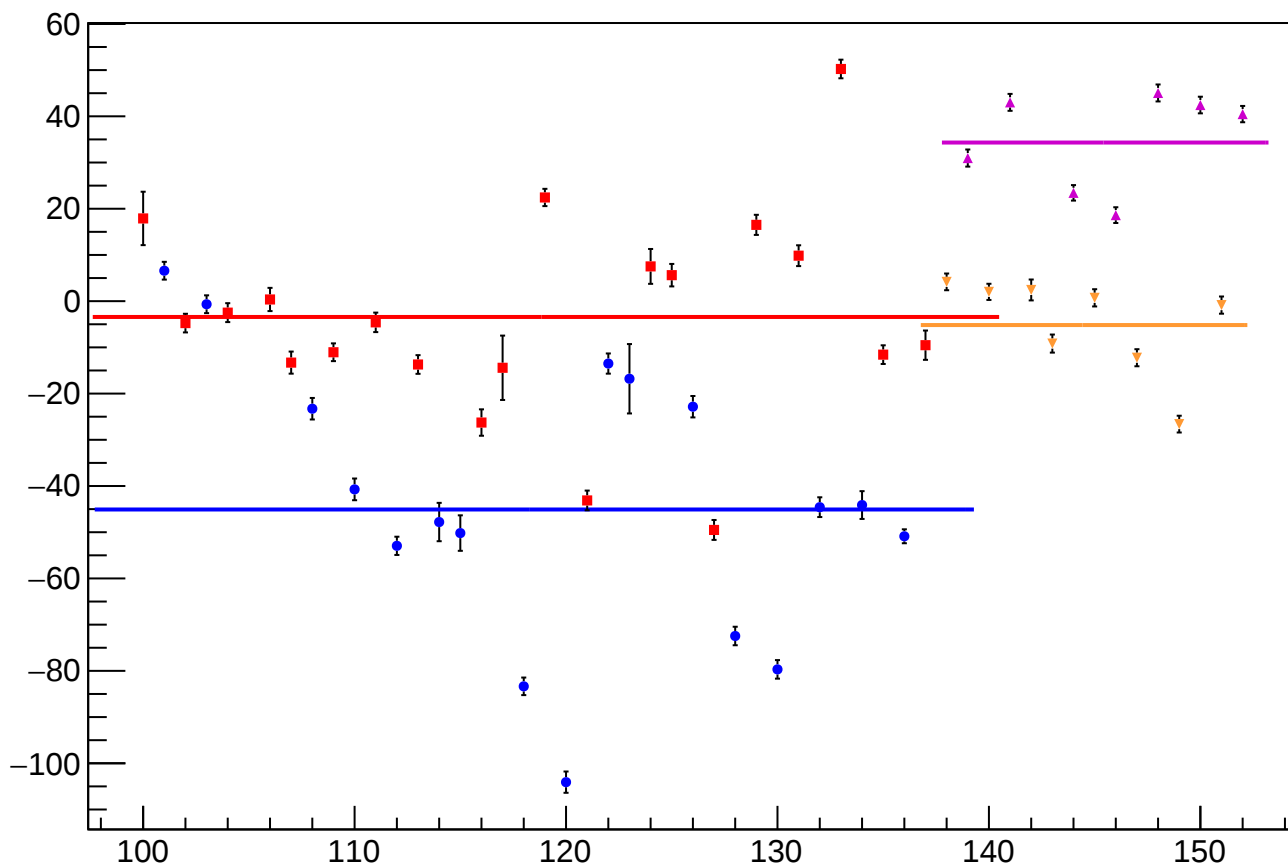
Left In: 1029.104 ± 0.307 $\chi^2/\text{NDF}: 83799.2/6$

1002.915 ± 0.201 $\chi^2/\text{NDF}: 103627.9/24$

1011.475 ± 0.142 $\chi^2/\text{NDF}: 255953.3/51$

1020.110 ± 0.202 $\chi^2/\text{NDF}: 148674.1/26$

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

Left Out: -5.170+/-0.665 χ^2/NDF : 228.6/7

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

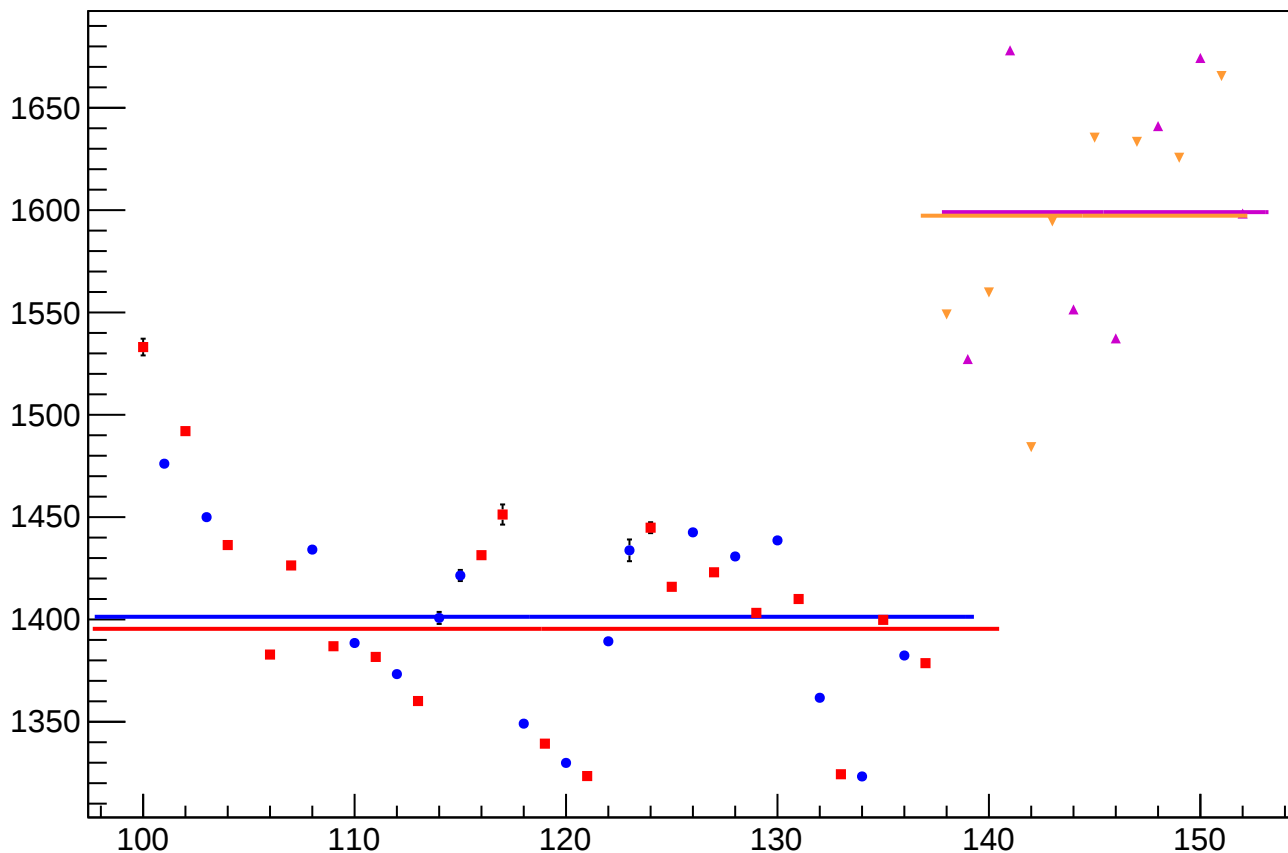
Left In: 34.323+/-0.672 χ^2/NDF : 219.6/6

-29.222+/-0.419 χ^2/NDF : 5639.7/24

-8.875+/-0.294 χ^2/NDF : 14473.0/51

10.738+/-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: 1597.290 +/- 0.470 χ^2/NDF : 12128.6/7

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

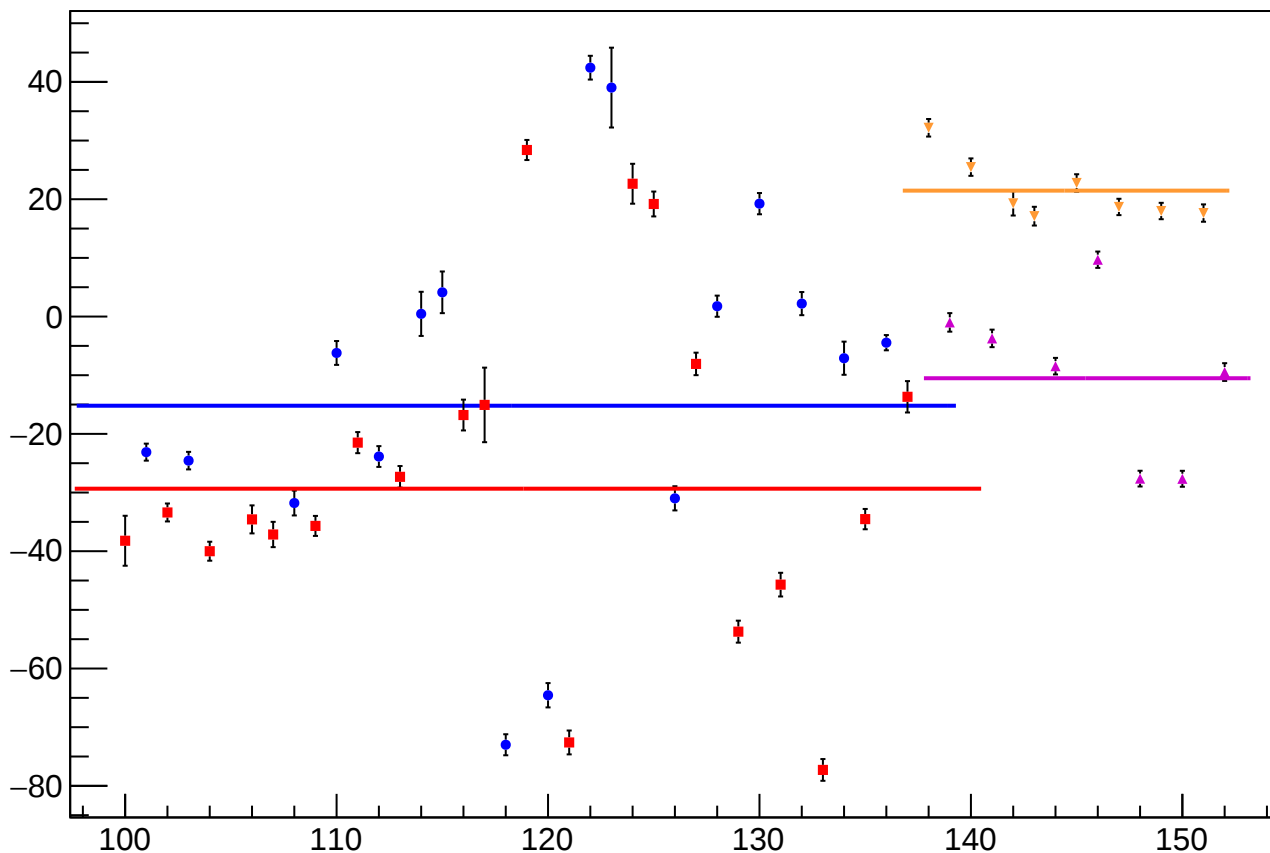
Left In: 1599.026 +/- 0.475 χ^2/NDF : 15512.3/6

1479.180 +/- 0.296 χ^2/NDF : 129775.8/24

1475.418 +/- 0.208 χ^2/NDF : 276113.3/51

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: 21.466 ± 0.538 χ^2/NDF : 84.5/7

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

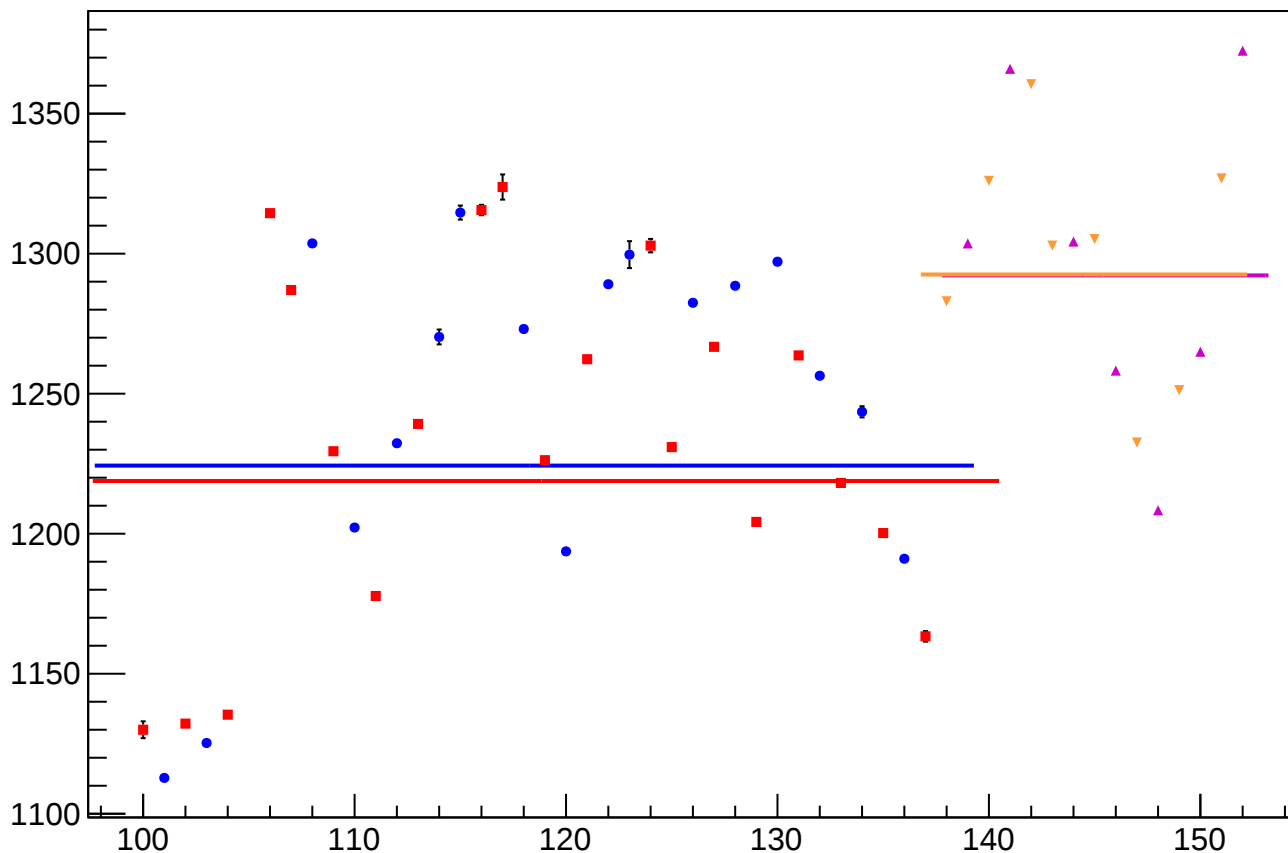
Left In: -10.515 ± 0.542 χ^2/NDF : 591.7/6

0.762 ± 0.355 χ^2/NDF : 6073.2/24

-10.598 ± 0.249 χ^2/NDF : 12937.6/51

-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: 1292.558+/-0.380 χ^2/NDF : 10009.0/7

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

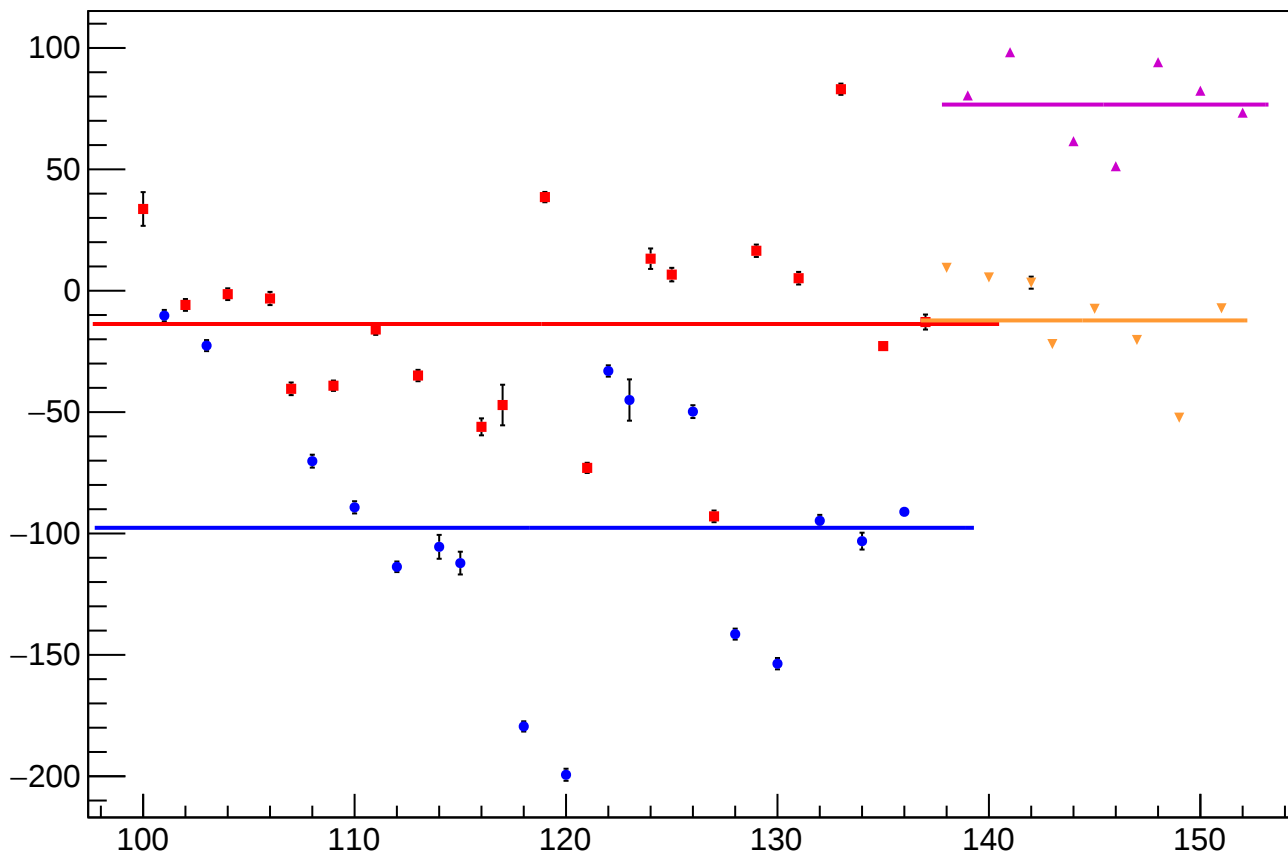
Left In: 1292.241+/-0.383 χ^2/NDF : 20590.4/6

1254.029+/-0.251 χ^2/NDF : 66977.7/24

1251.551+/-0.176 χ^2/NDF : 137402.1/51

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: -12.233 ± 0.673 χ^2/NDF : 806.6/7

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

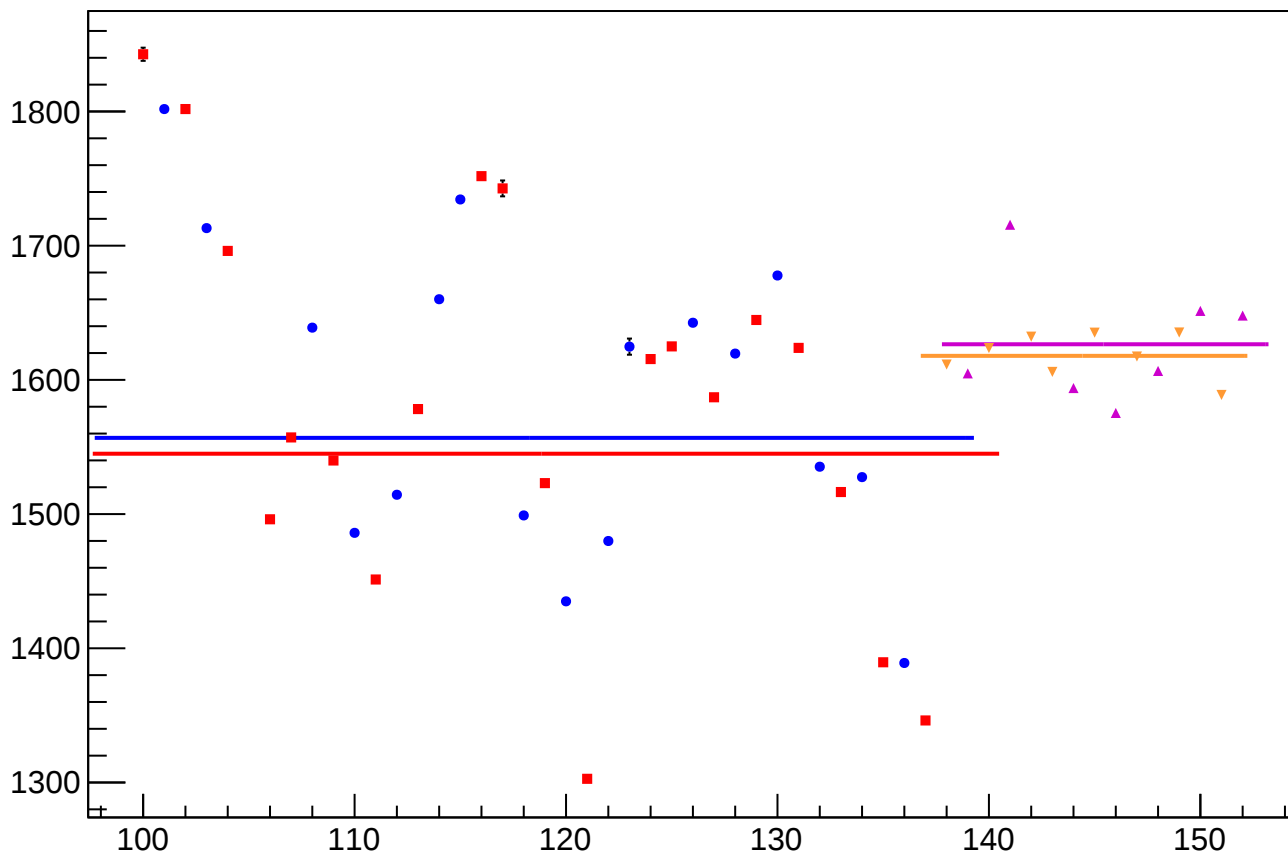
Left In: 76.685 ± 0.682 χ^2/NDF : 533.7/6

-59.742 ± 0.448 χ^2/NDF : 17700.7/24

-17.146 ± 0.314 χ^2/NDF : 51343.2/51

24.057 ± 0.441 χ^2/NDF : 15892.6/26

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1556.799+/-0.425 χ^2/NDF : 81549.2/16

Left Out: 1617.911+/-0.476 χ^2/NDF : 1073.7/7

Right Out: 1544.983+/-0.409 χ^2/NDF : 101624.6/19

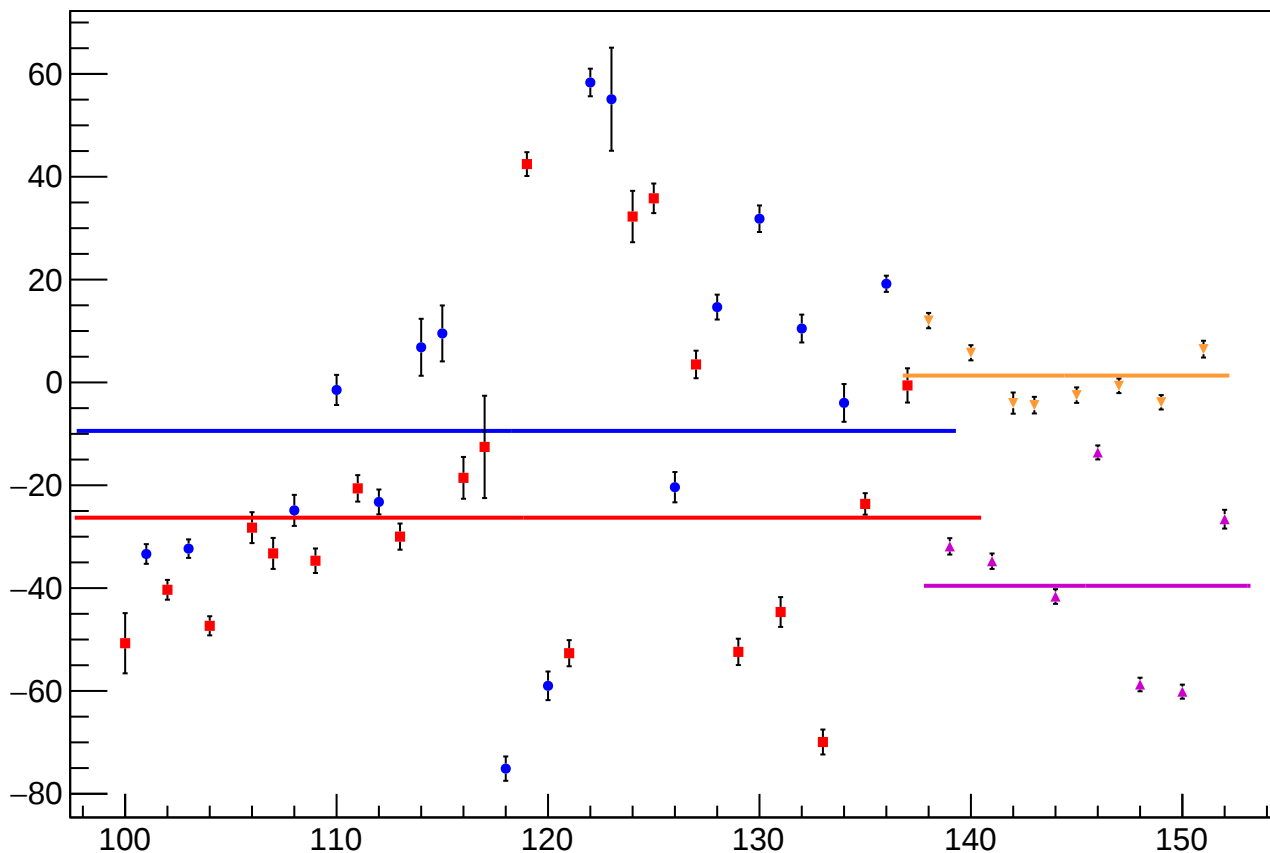
Left In: 1626.542+/-0.483 χ^2/NDF : 8124.2/6

1583.924+/-0.317 χ^2/NDF : 91791.7/24

1581.447+/-0.222 χ^2/NDF : 218295.7/51

1579.052+/-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: 1.338+/-0.547 χ^2/NDF : 112.0/7

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

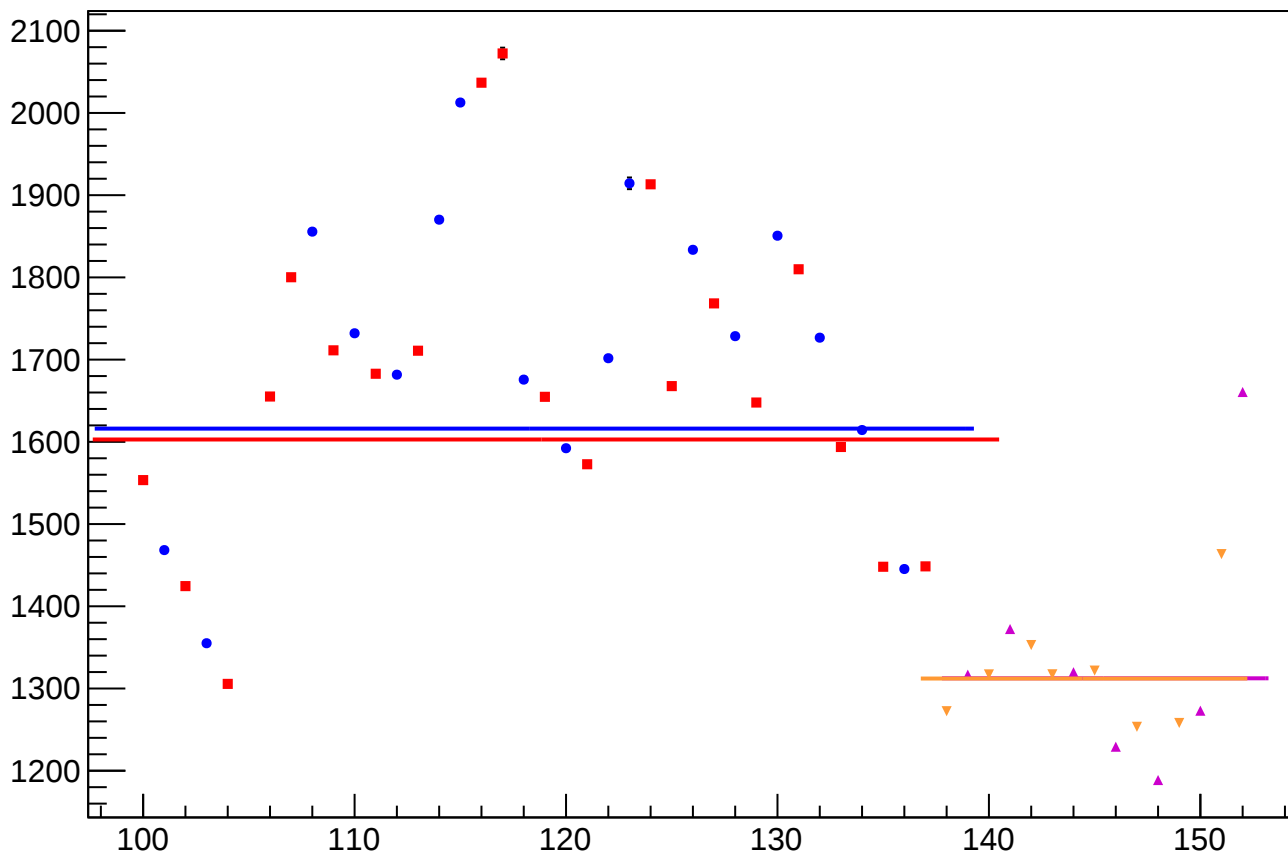
Left In: -39.550+/-0.553 χ^2/NDF : 885.2/6

-3.314+/-0.412 χ^2/NDF : 3203.8/24

-18.577+/-0.289 χ^2/NDF : 9541.4/51

-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: 1312.131 +/- 0.386 χ^2/NDF : 25841.0/7

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

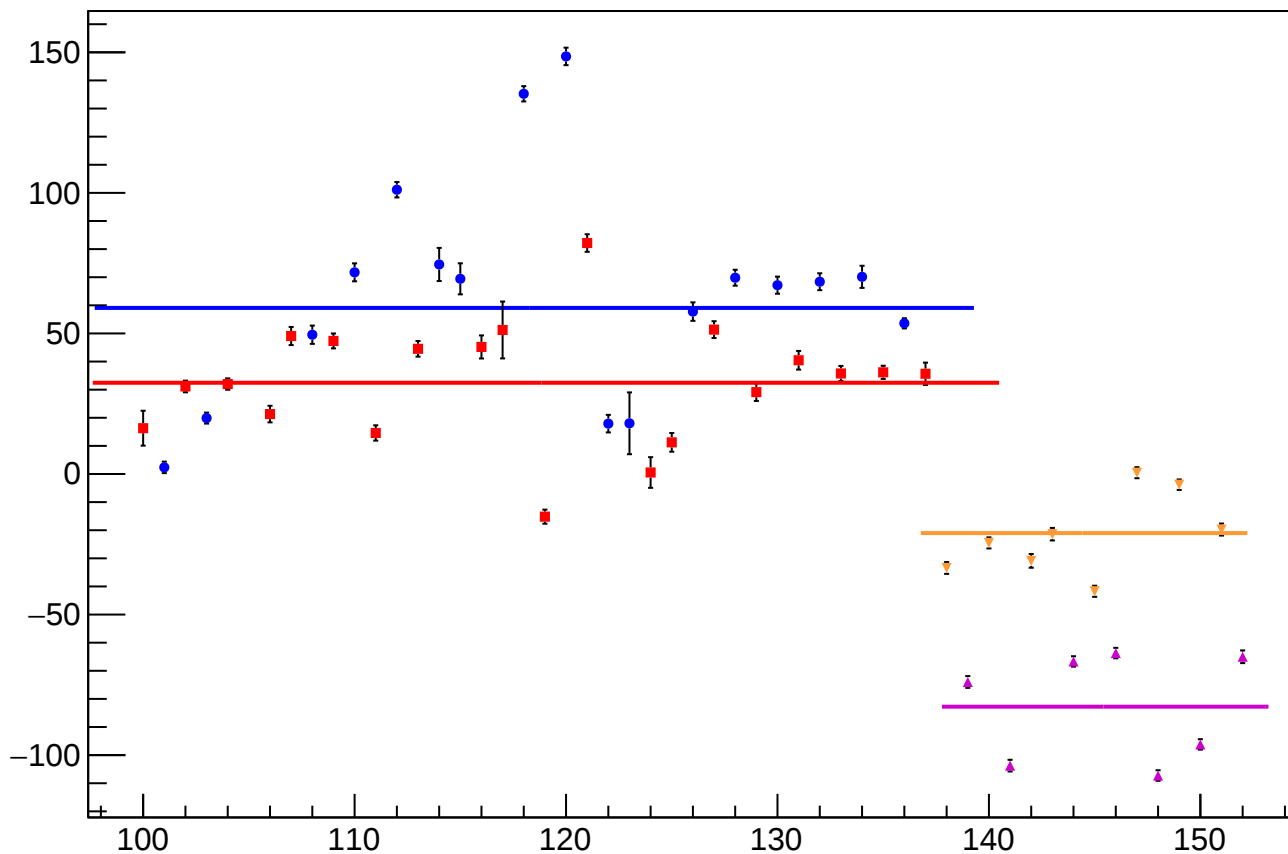
Left In: 1312.411 +/- 0.391 χ^2/NDF : 102717.9/6

1443.489 +/- 0.291 χ^2/NDF : 442813.7/24

1444.421 +/- 0.205 χ^2/NDF : 956427.1/51

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

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

Left Out: -21.016+/-0.731 χ^2/NDF : 368.2/7

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

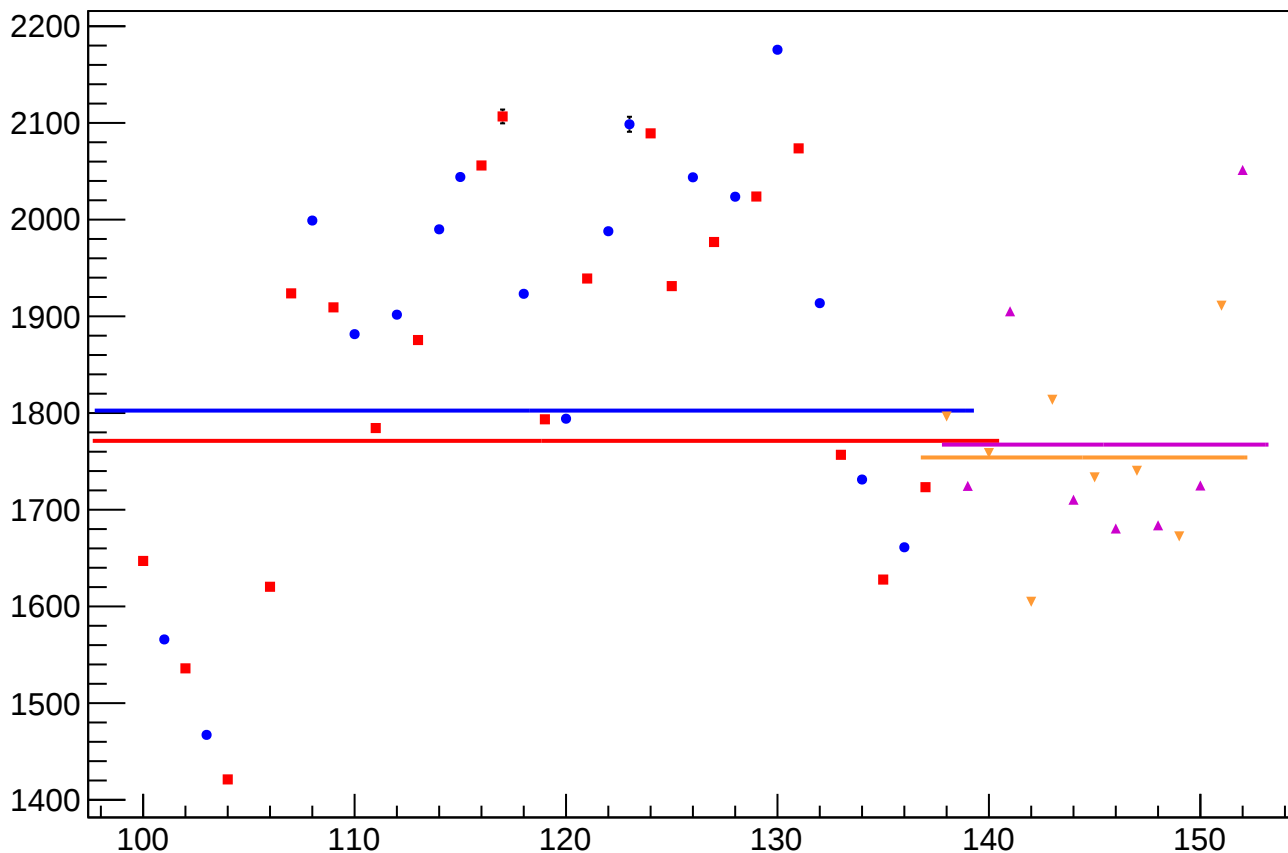
Left In: -82.764+/-0.743 χ^2/NDF : 584.0/6

20.807+/-0.505 χ^2/NDF : 9928.0/24

0.636+/-0.354 χ^2/NDF : 27876.9/51

-18.762+/-0.496 χ^2/NDF : 14824.6/26

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1802.524 $\pm$ 0.495 χ^2 /NDF: 184069.0/16

Left Out: 1754.048 $\pm$ 0.517 χ^2 /NDF: 24609.9/7

Right Out: 1771.228 $\pm$ 0.470 χ^2 /NDF: 180101.6/19

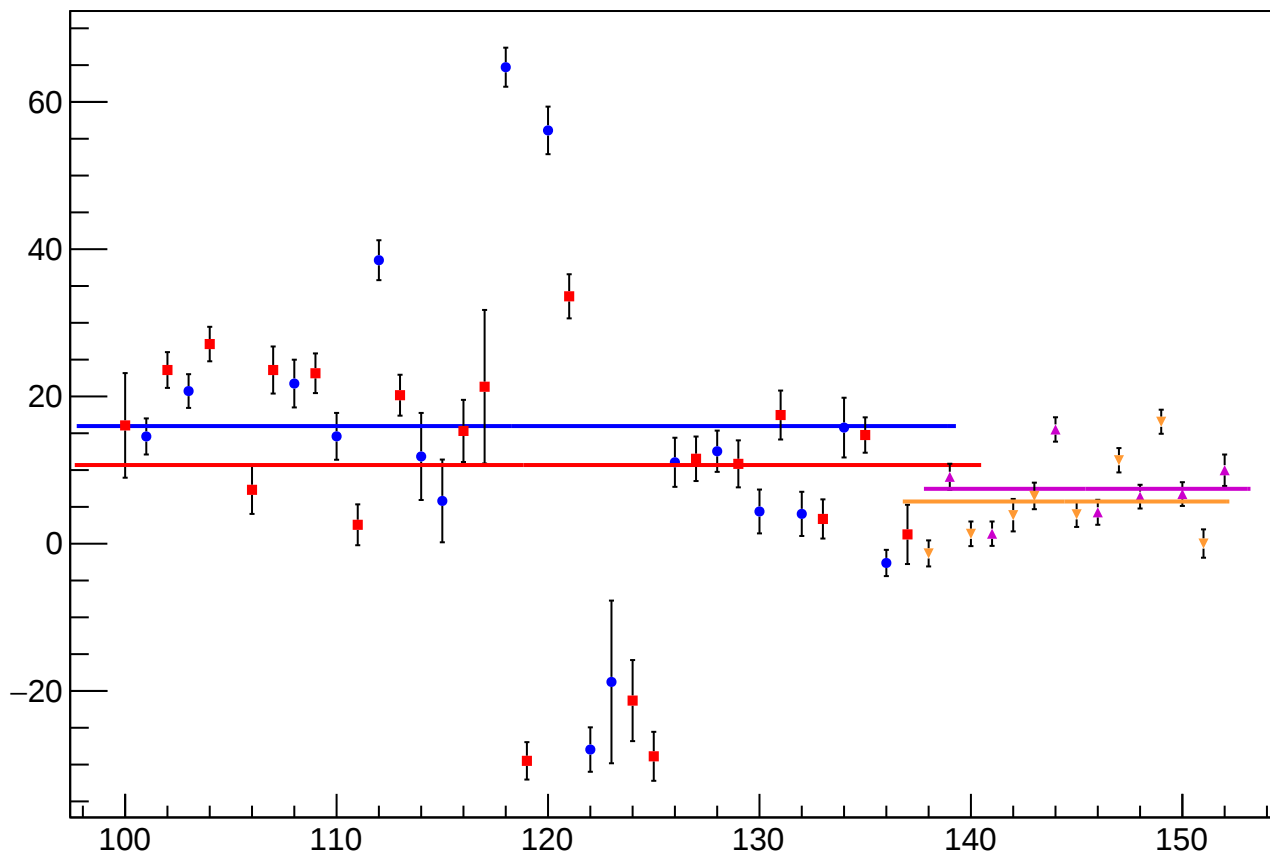
Left In: 1767.341 $\pm$ 0.526 χ^2 /NDF: 52404.3/6

1779.360 $\pm$ 0.357 χ^2 /NDF: 213269.3/24

1774.333 $\pm$ 0.250 χ^2 /NDF: 446193.6/51

1769.500 $\pm$ 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: 5.731+/-0.627 χ^2/NDF : 88.9/7

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

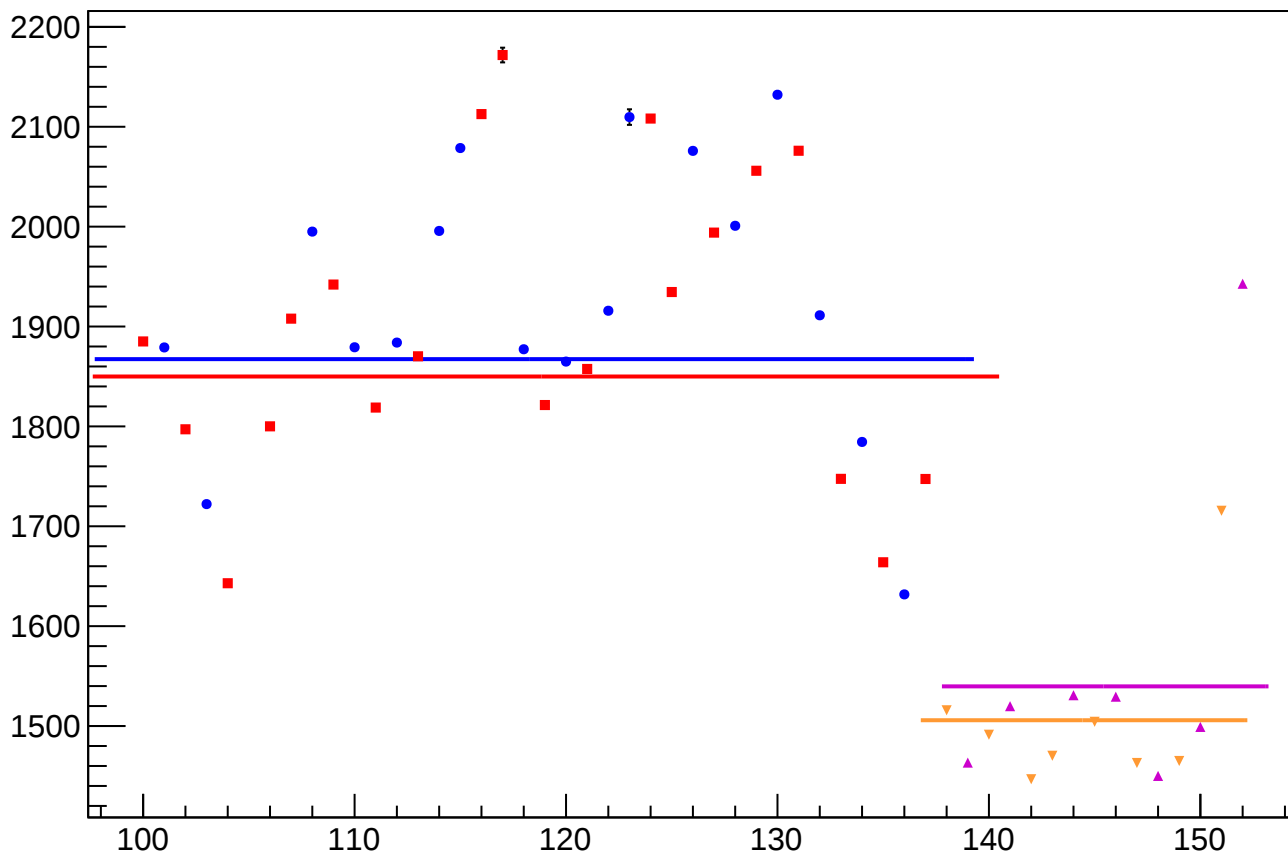
Left In: 7.453+/-0.648 χ^2/NDF : 43.7/6

10.142+/-0.473 χ^2/NDF : 1142.0/24

9.551+/-0.335 χ^2/NDF : 1843.6/51

8.962+/-0.473 χ^2/NDF : 698.5/26

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1867.343 $\pm$ 0.510 χ^2 /NDF: 80926.4/16

Left Out: 1505.800 $\pm$ 0.444 χ^2 /NDF: 28745.6/7

Right Out: 1849.954 $\pm$ 0.489 χ^2 /NDF: 74440.9/19

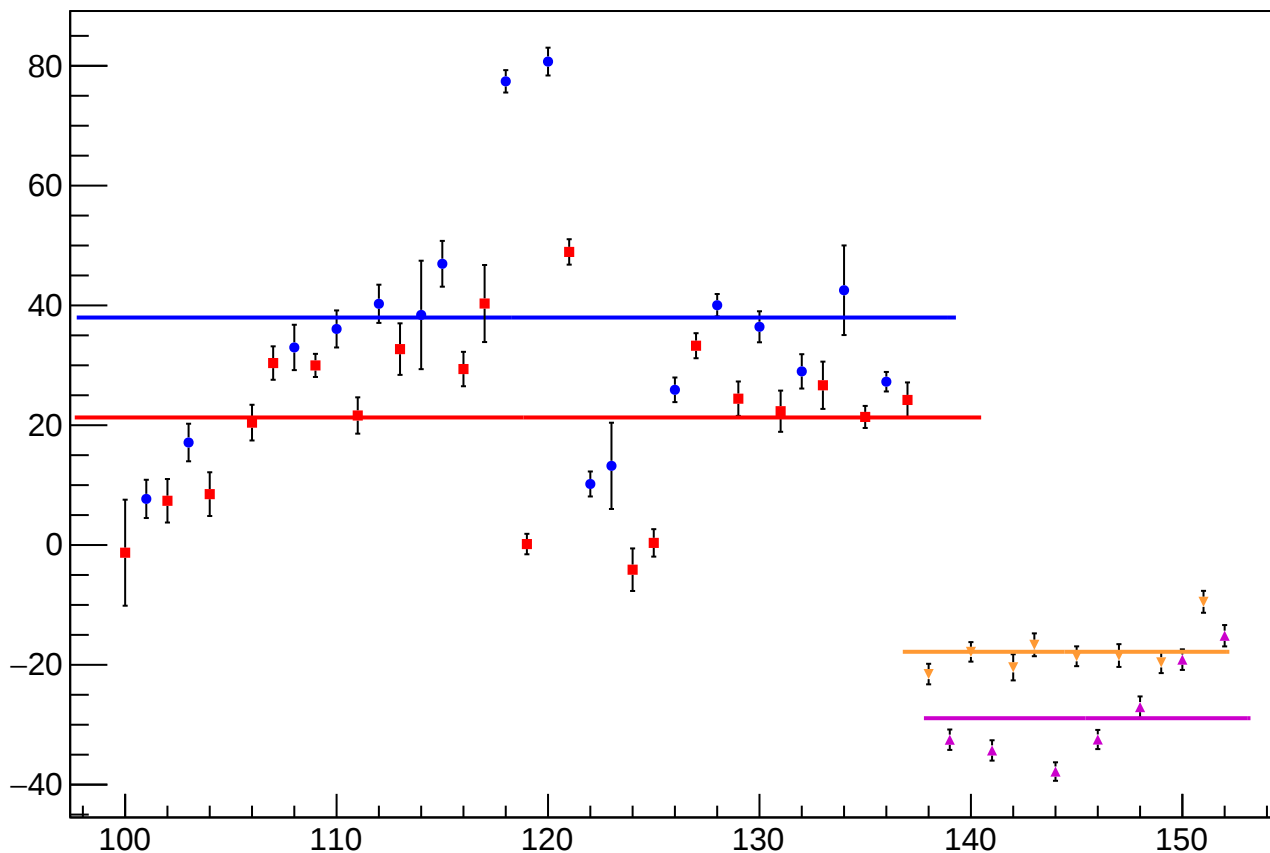
Left In: 1539.707 $\pm$ 0.458 χ^2 /NDF: 82876.2/6

1661.447 $\pm$ 0.335 χ^2 /NDF: 395573.9/24

1673.045 $\pm$ 0.237 χ^2 /NDF: 769647.0/51

1684.611 $\pm$ 0.334 χ^2 /NDF: 371676.2/26

diff_bpm0i07X_mean vs Slug, Sign Corrected



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

Left Out: -17.823 +/- 0.638 χ^2/NDF : 28.6/7

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

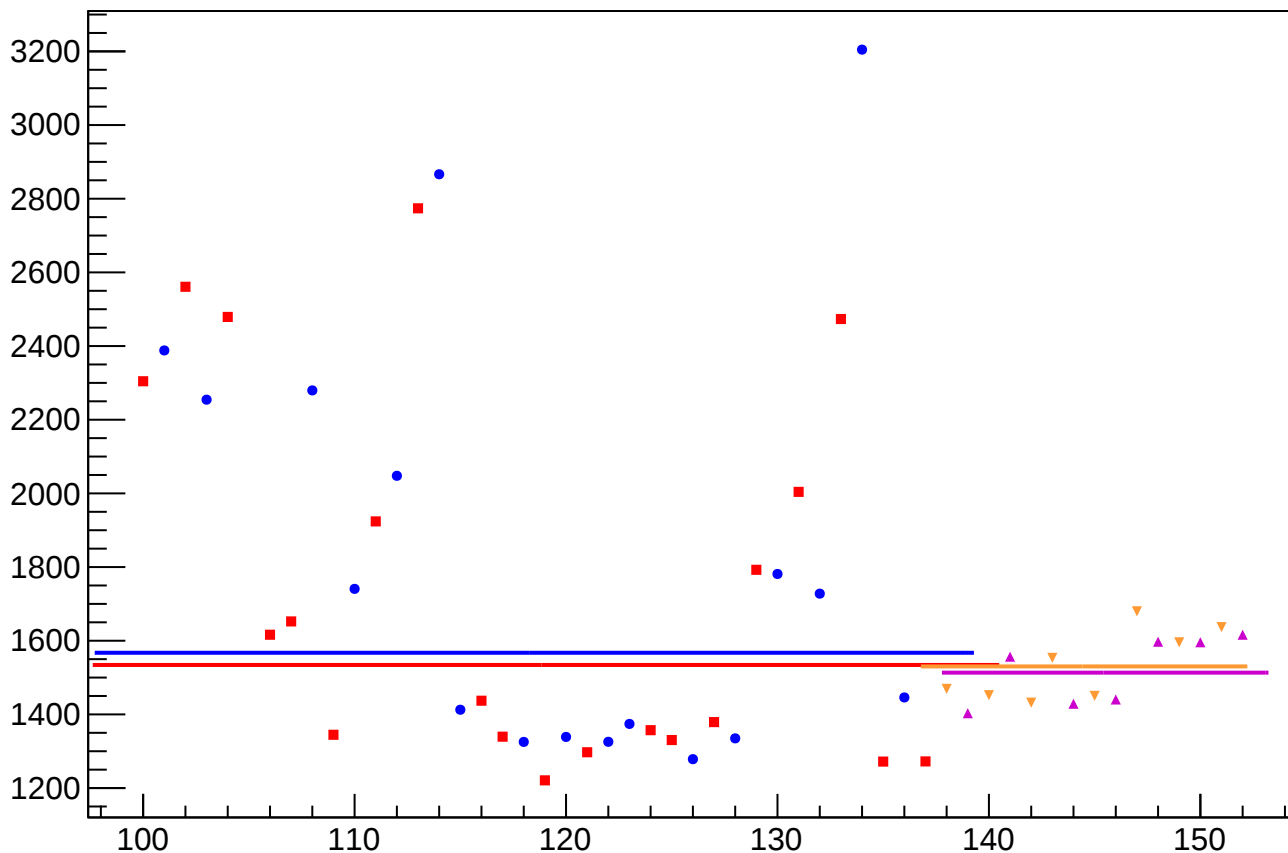
Left In: -28.912 +/- 0.636 χ^2/NDF : 145.8/6

10.123 +/- 0.451 χ^2/NDF : 5059.2/24

3.600 +/- 0.314 χ^2/NDF : 9460.8/51

-2.570 +/- 0.439 χ^2/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: 1530.271 $\pm$ 0.451 χ^2/NDF : 37999.3/7

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

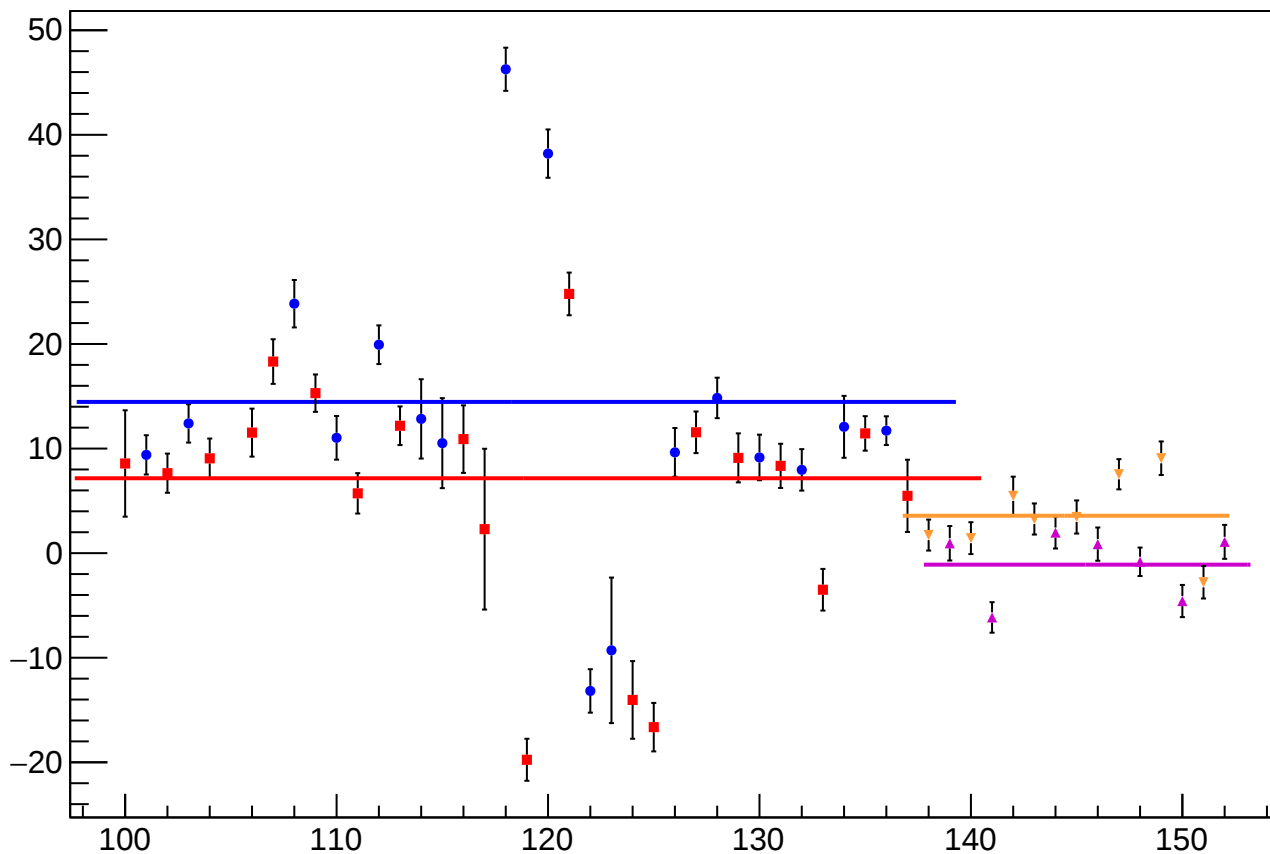
Left In: 1513.357 $\pm$ 0.450 χ^2/NDF : 35517.7/6

1548.830 $\pm$ 0.319 χ^2/NDF : 714824.9/24

1536.227 $\pm$ 0.222 χ^2/NDF : 1638457.1/51

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

diff_bpm0i07Y_mean vs Slug, Sign Corrected



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

Left Out: 3.577 $\pm$ 0.549 χ^2/NDF : 40.7/7

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

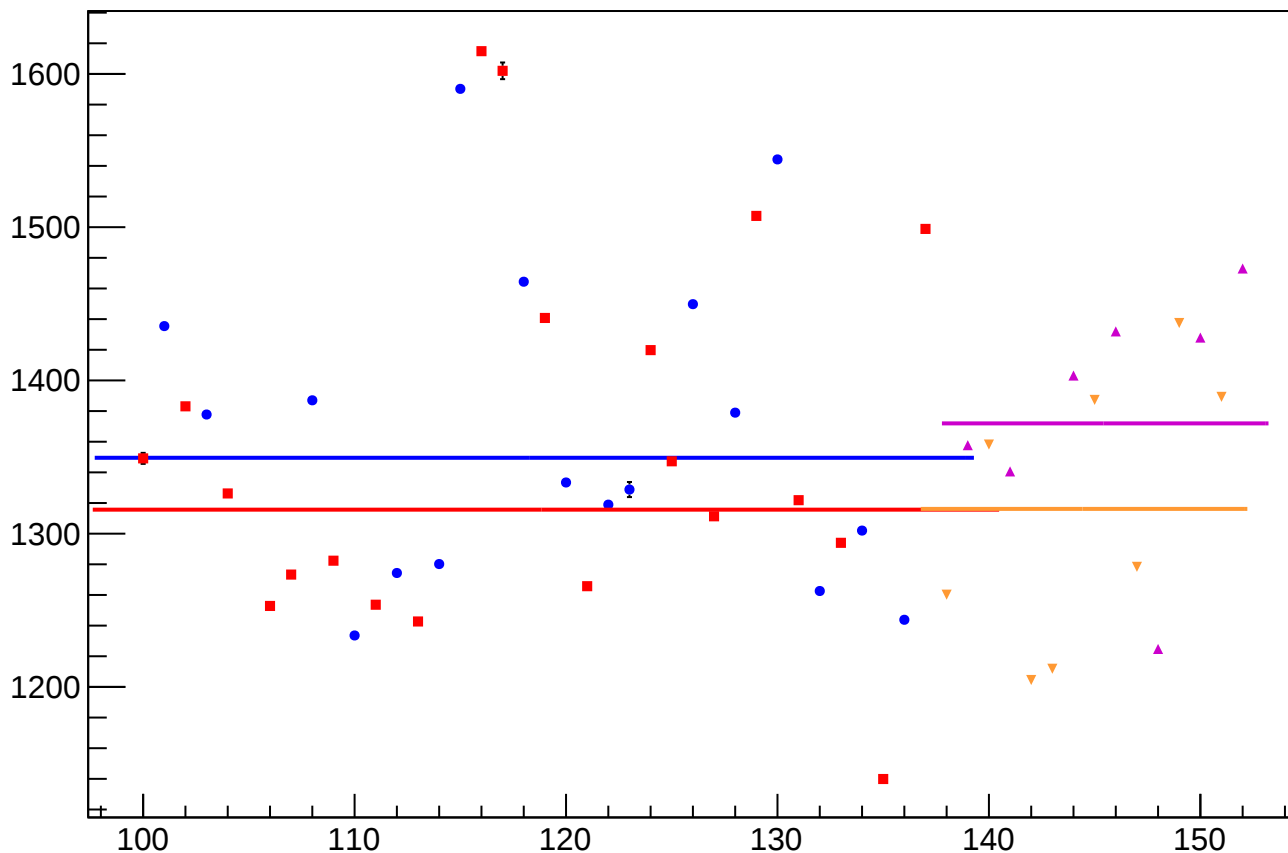
Left In: -1.101 $\pm$ 0.576 χ^2/NDF : 26.0/6

9.282 $\pm$ 0.379 χ^2/NDF : 842.6/24

6.445 $\pm$ 0.266 χ^2/NDF : 1594.2/51

3.668 $\pm$ 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: 1316.162 $\pm$ 0.388 χ^2 /NDF: 42881.2/7

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

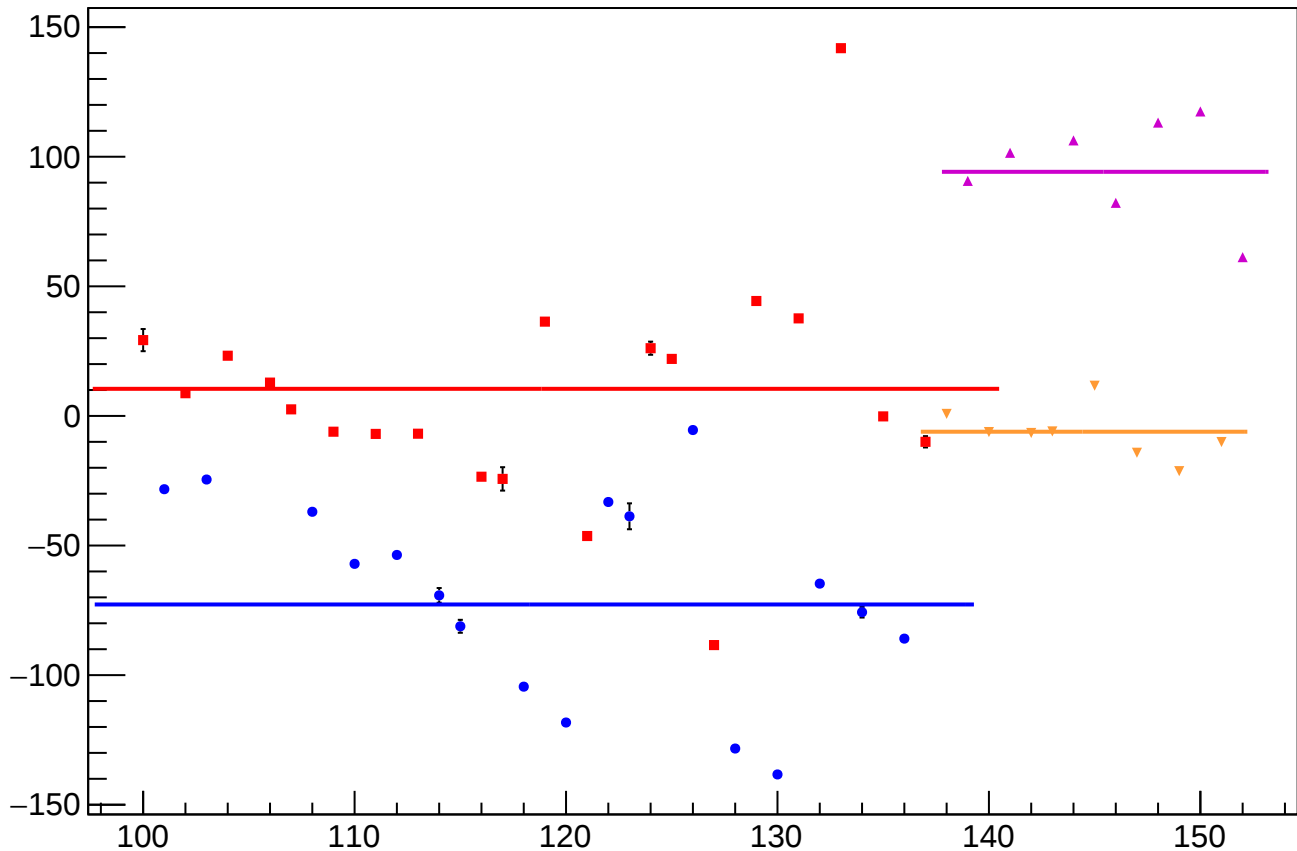
Left In: 1371.962 $\pm$ 0.408 χ^2 /NDF: 38544.3/6

1333.648 $\pm$ 0.268 χ^2 /NDF: 111417.5/24

1336.588 $\pm$ 0.188 χ^2 /NDF: 244947.7/51

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

diff_bpm1i02X_mean vs Slug, Sign Corrected



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

Left Out: -6.090+/-0.390 χ^2/NDF : 553.6/7

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

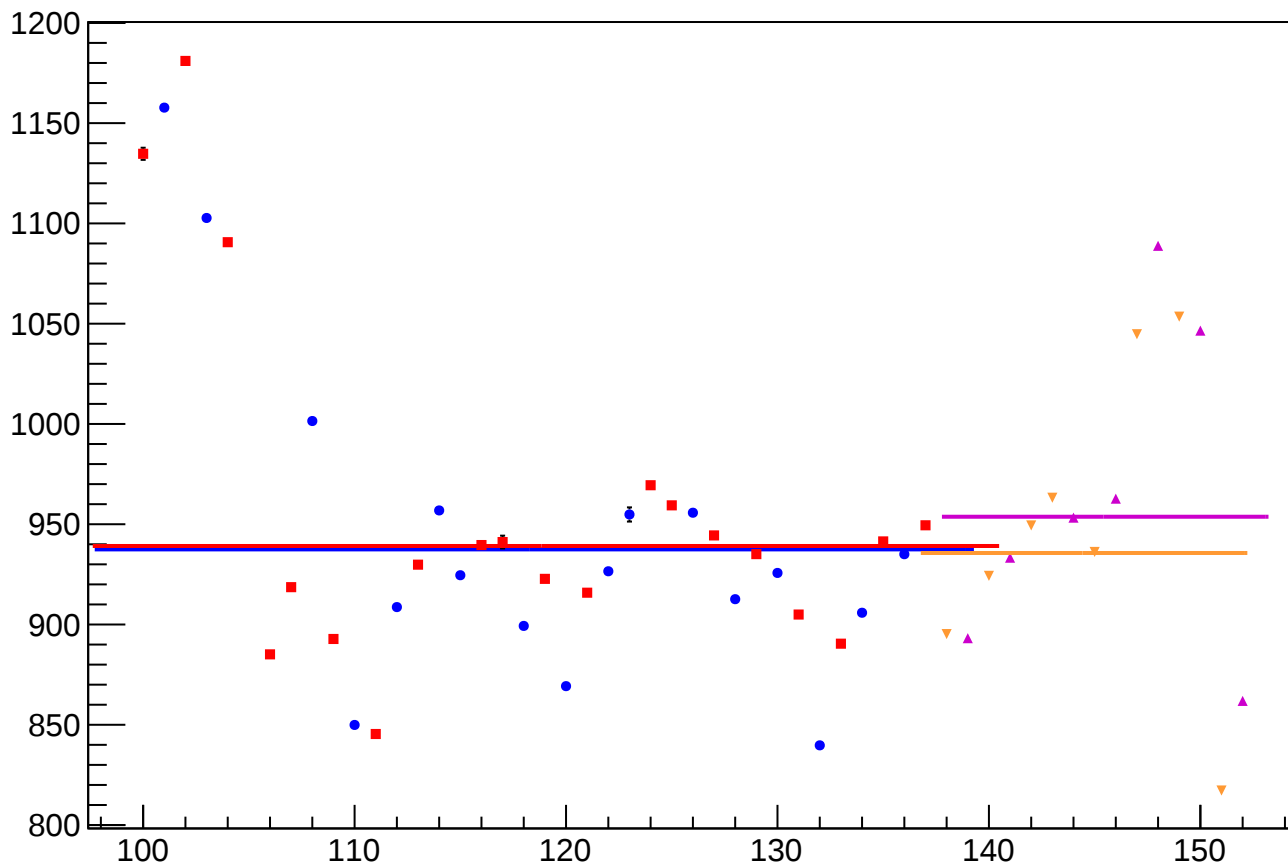
Left In: 94.179+/-0.401 χ^2/NDF : 2202.0/6

-41.883+/-0.266 χ^2/NDF : 27908.0/24

2.707+/-0.187 χ^2/NDF : 129123.2/51

46.833+/-0.264 χ^2/NDF : 45113.3/26

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.454 ± 0.256 $\chi^2/\text{NDF}: 98307.6/16$

Left Out: 935.663 ± 0.276 $\chi^2/\text{NDF}: 75432.2/7$

Right Out: 939.152 ± 0.248 $\chi^2/\text{NDF}: 90253.6/19$

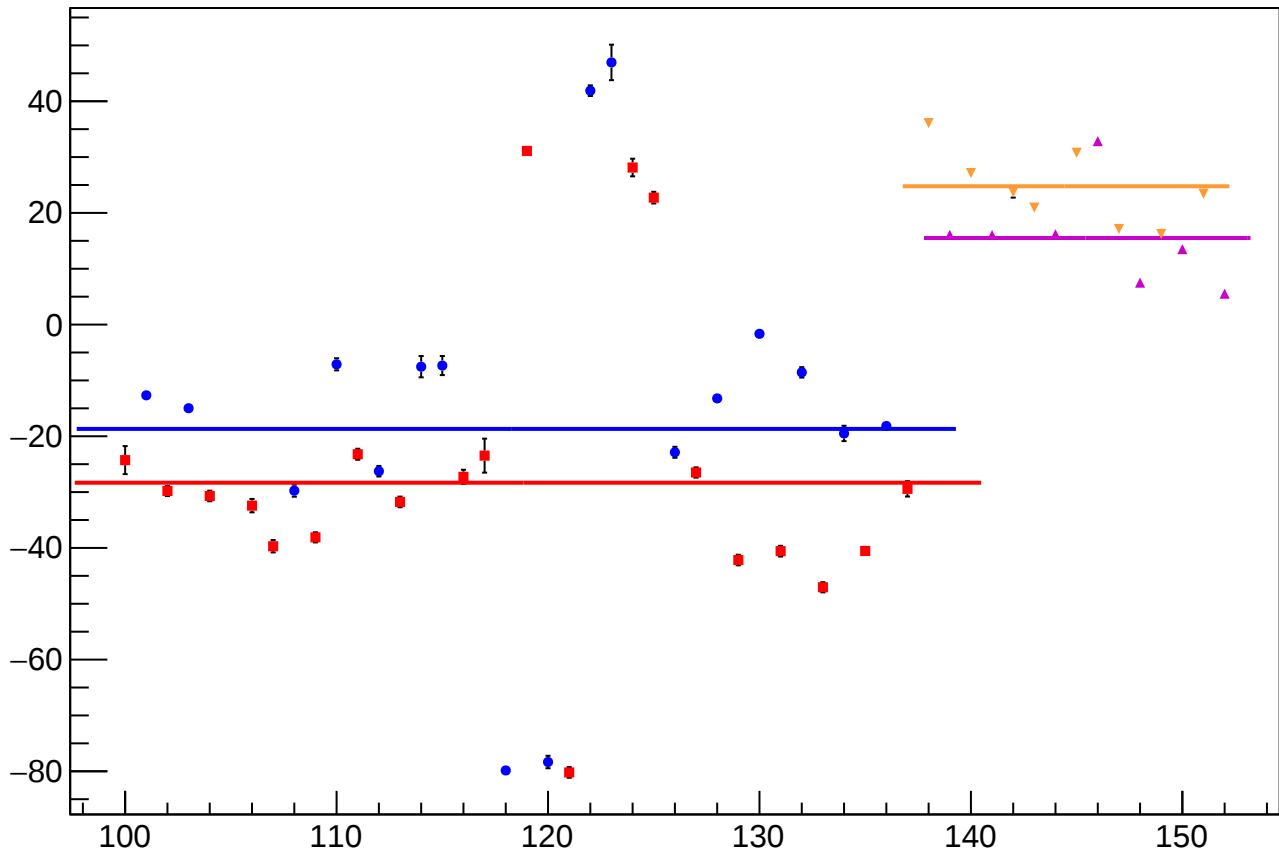
Left In: 953.740 ± 0.283 $\chi^2/\text{NDF}: 64424.4/6$

936.625 ± 0.188 $\chi^2/\text{NDF}: 173762.4/24$

941.081 ± 0.132 $\chi^2/\text{NDF}: 331059.6/51$

945.490 ± 0.187 $\chi^2/\text{NDF}: 156176.8/26$

diff_bpm1i02Y_mean vs Slug, Sign Corrected



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

Left Out: 24.772+/-0.273 χ^2/NDF : 554.3/7

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

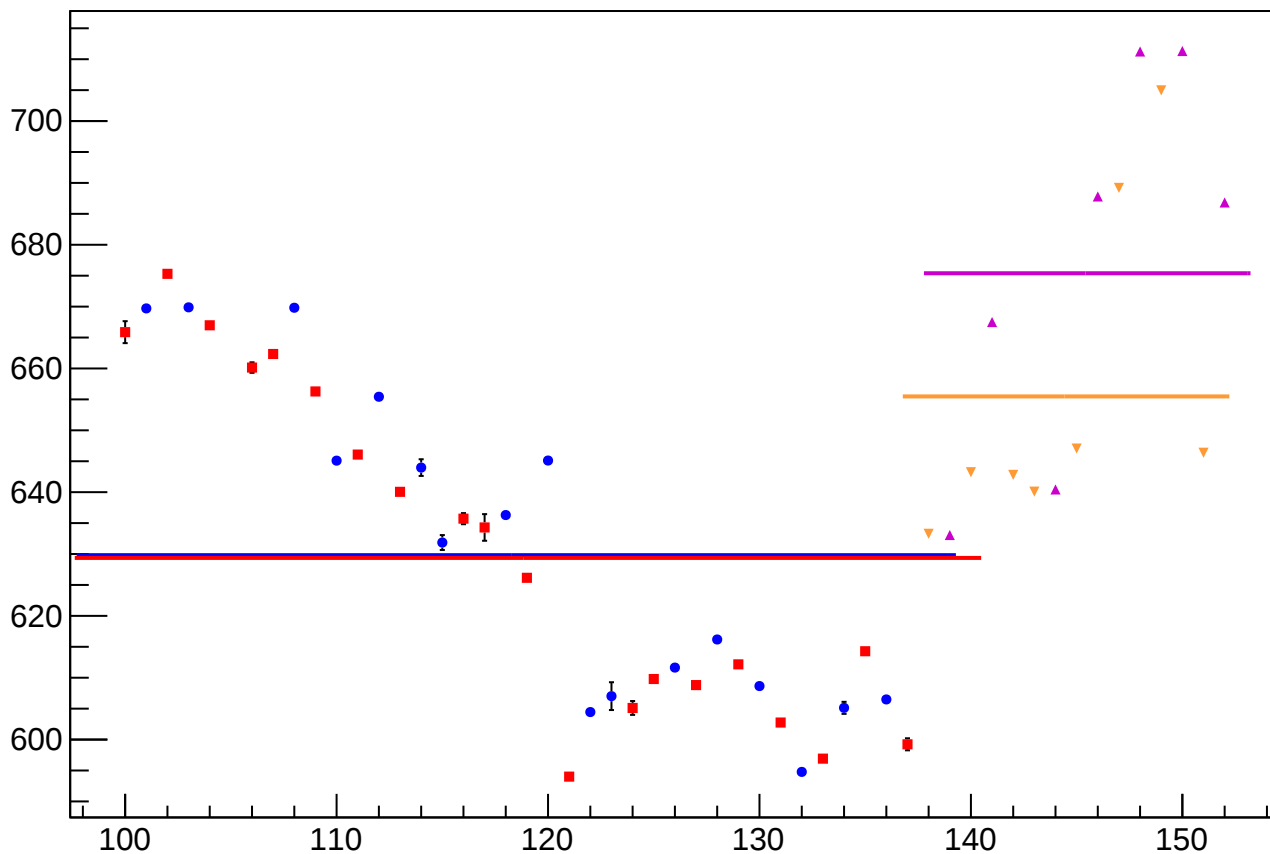
Left In: 15.504+/-0.283 χ^2/NDF : 801.9/6

0.525+/-0.181 χ^2/NDF : 27735.8/24

-4.996+/-0.128 χ^2/NDF : 57076.0/51

-10.488+/-0.181 χ^2/NDF : 27489.6/26

diff_bpm1i02Y_rms vs Slug, Sign Corrected



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

Left Out: 655.481 $\pm$ 0.193 χ^2 /NDF: 15736.7/7

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

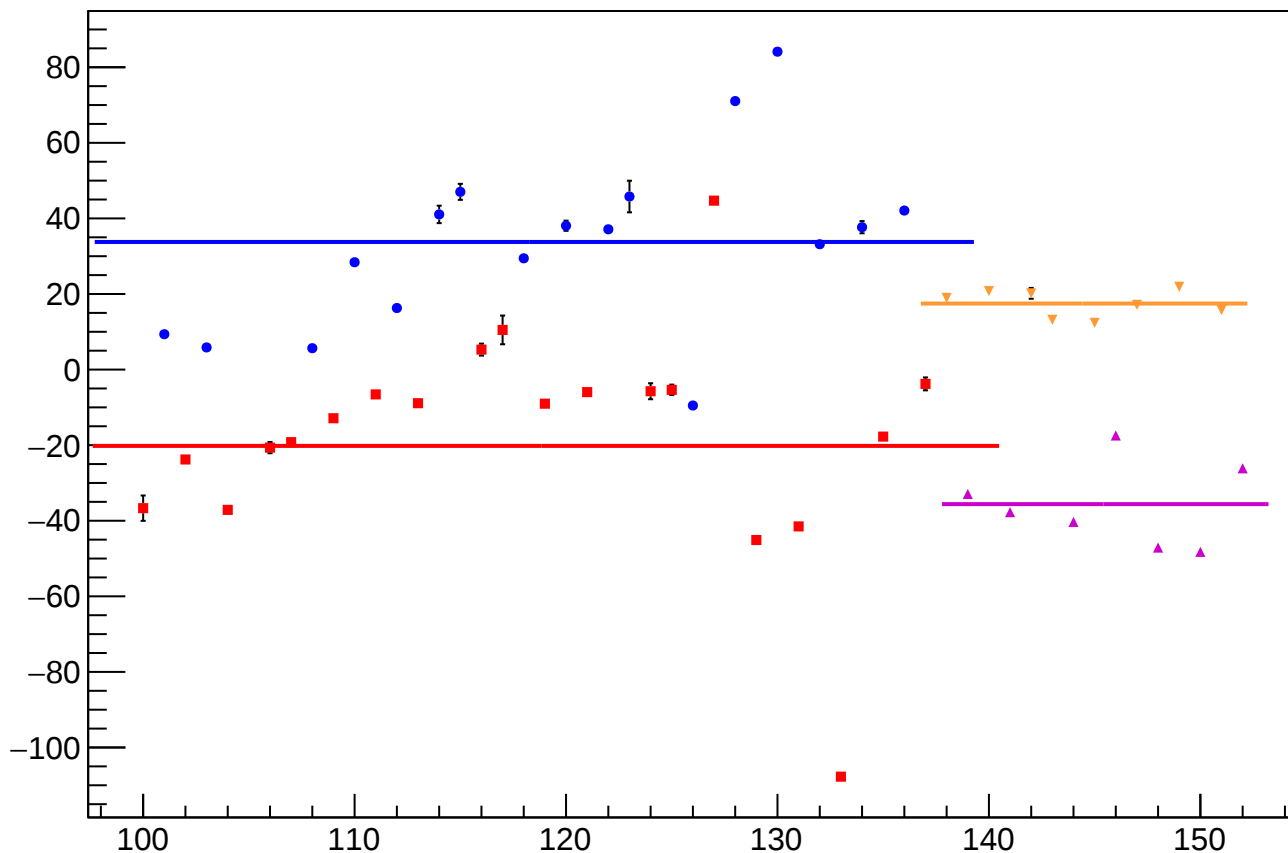
Left In: 675.395 $\pm$ 0.200 χ^2 /NDF: 20957.8/6

641.160 $\pm$ 0.128 χ^2 /NDF: 48925.0/24

644.636 $\pm$ 0.091 χ^2 /NDF: 128172.8/51

648.095 $\pm$ 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: 17.475+/-0.412 χ^2/NDF : 63.3/7

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

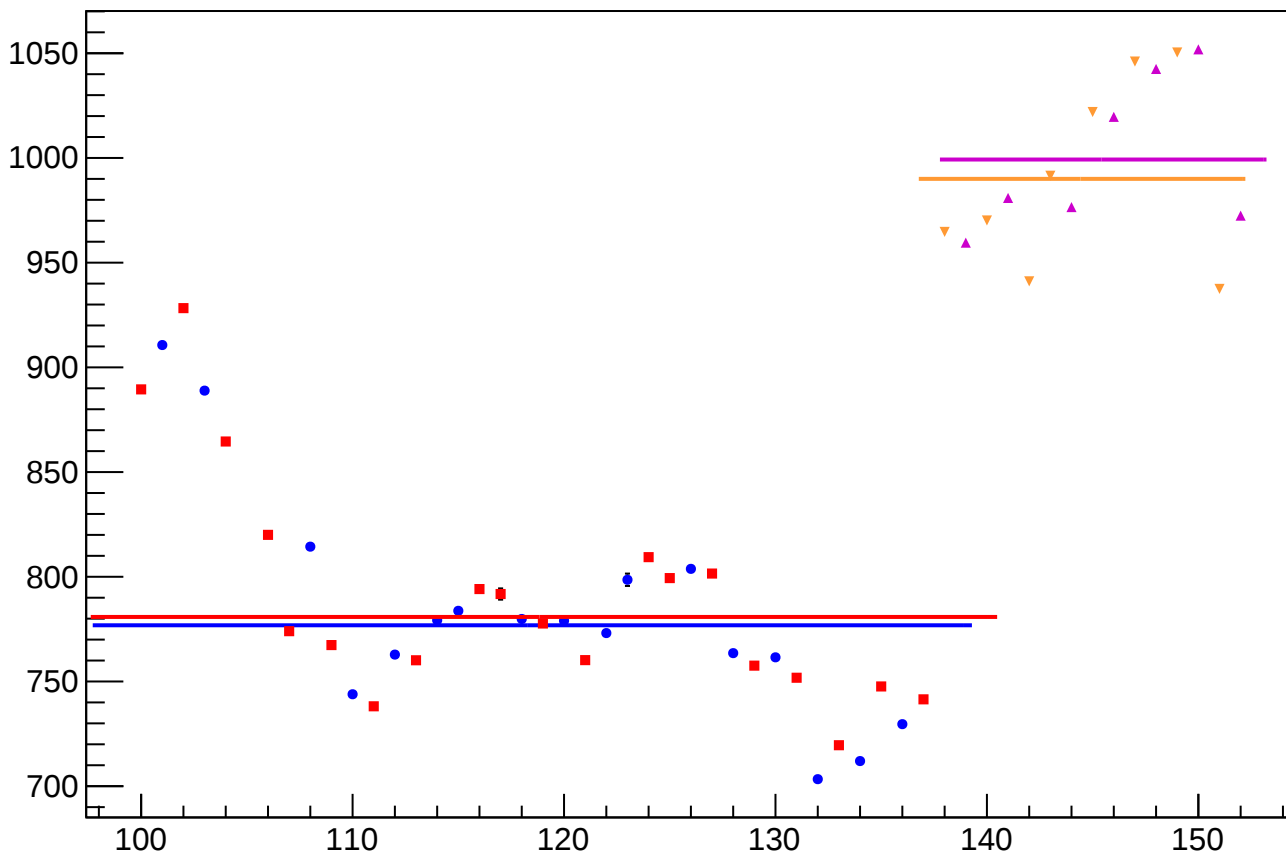
Left In: -35.605+/-0.419 χ^2/NDF : 589.0/6

28.128+/-0.242 χ^2/NDF : 7574.1/24

1.112+/-0.170 χ^2/NDF : 44944.5/51

-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: 990.017 $\pm$ 0.291 χ^2/NDF : 20348.7/7

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

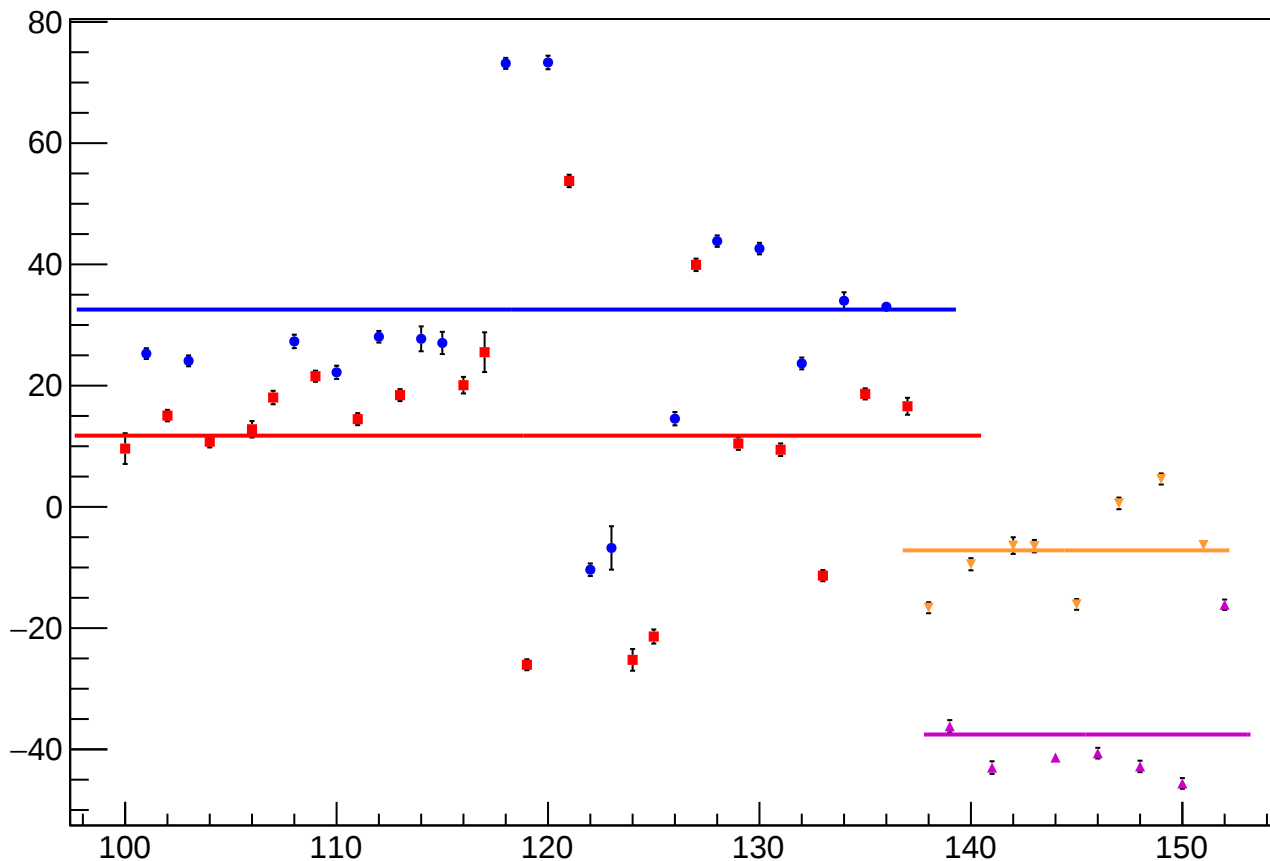
Left In: 999.250 $\pm$ 0.296 χ^2/NDF : 12852.7/6

850.669 $\pm$ 0.171 χ^2/NDF : 437843.7/24

851.394 $\pm$ 0.120 χ^2/NDF : 874242.0/51

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

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

Left Out: -7.174 ± 0.339 $\chi^2/\text{NDF}: 449.2/7$

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

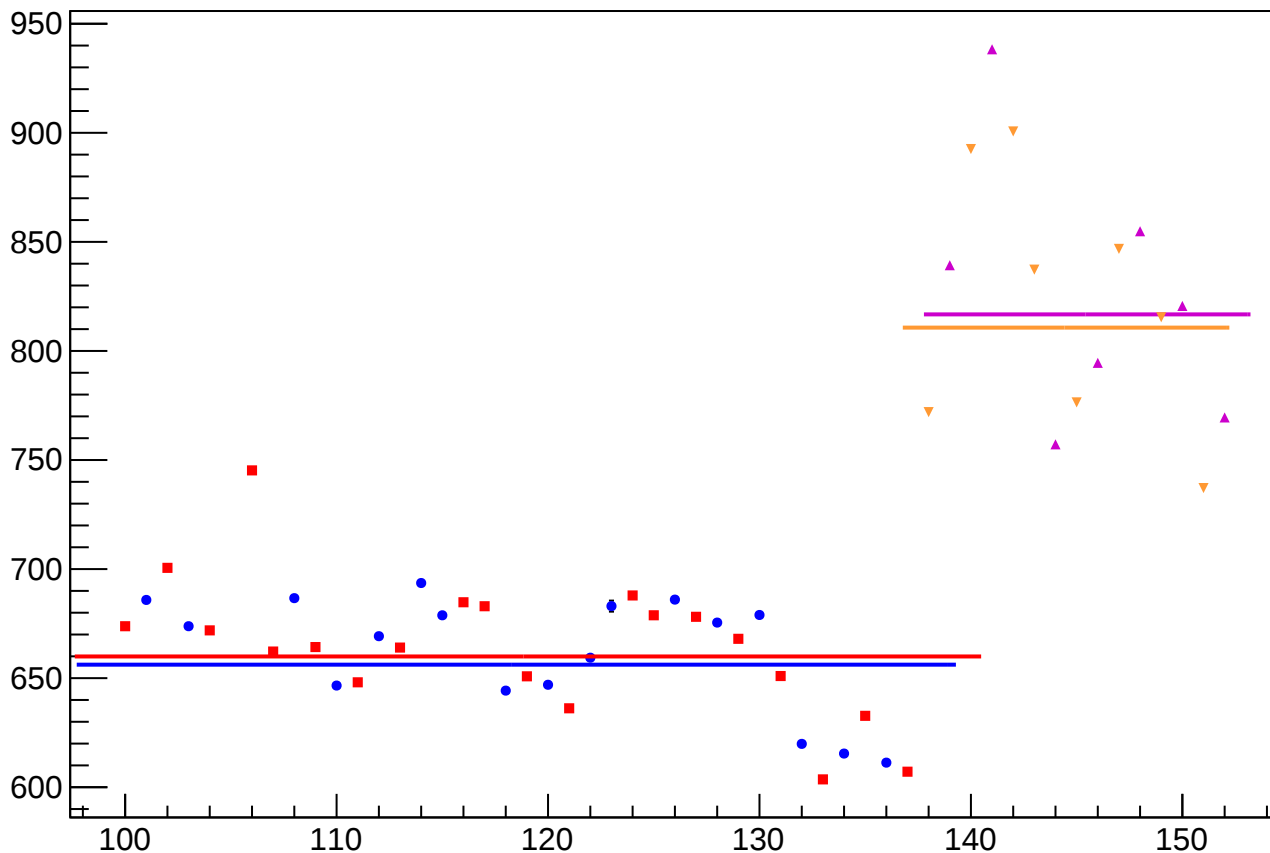
Left In: -37.552 ± 0.345 $\chi^2/\text{NDF}: 806.9/6$

18.327 ± 0.203 $\chi^2/\text{NDF}: 15360.3/24$

6.590 ± 0.142 $\chi^2/\text{NDF}: 42716.8/51$

-4.898 ± 0.200 $\chi^2/\text{NDF}: 20715.1/26$

diff_bpm1i04Y_rms vs Slug, Sign Corrected



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

Left Out: 810.698 ± 0.239 χ^2/NDF : 48704.5/7

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

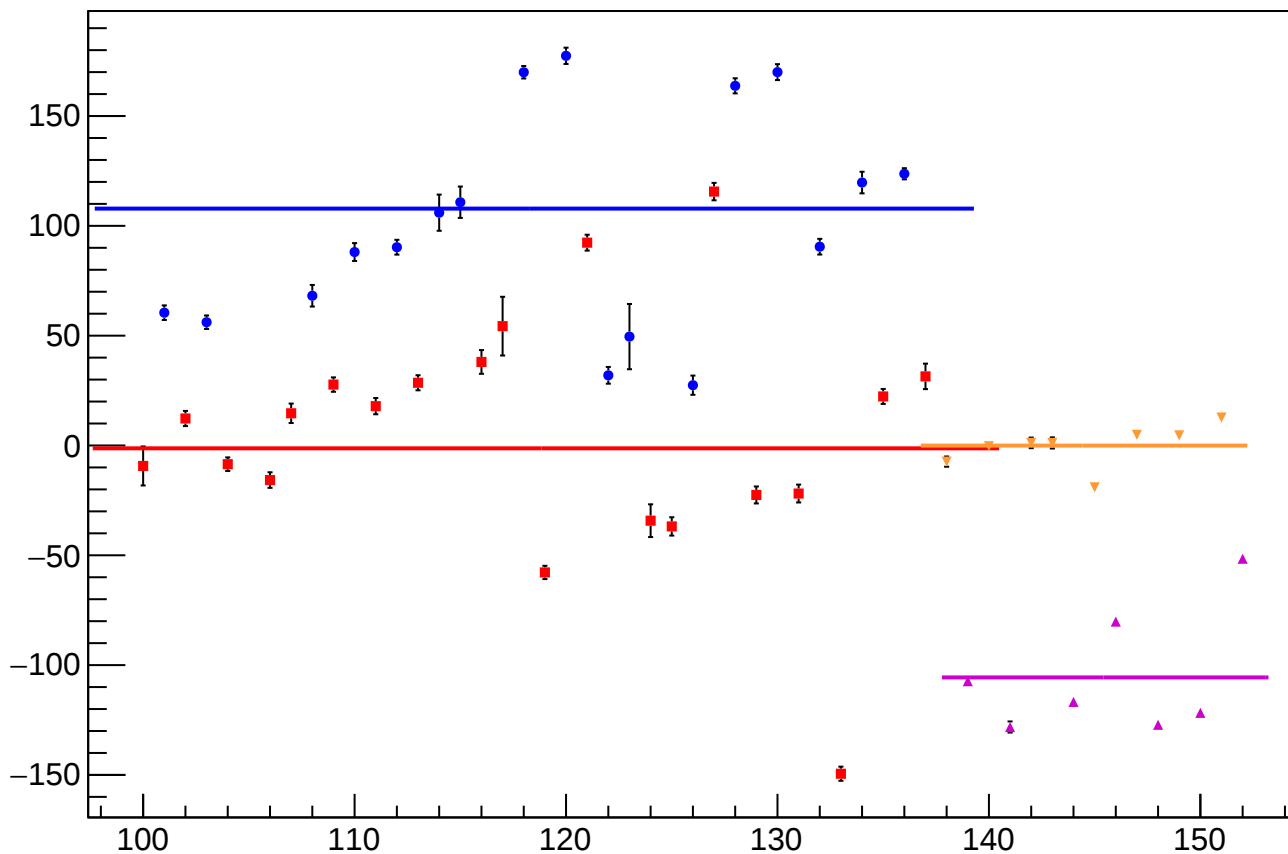
Left In: 816.762 ± 0.244 χ^2/NDF : 49224.5/6

711.510 ± 0.143 χ^2/NDF : 339693.6/24

712.213 ± 0.101 χ^2/NDF : 691202.9/51

712.901 ± 0.142 χ^2/NDF : 351461.6/26

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 107.852 ± 0.922 χ^2/NDF : 2809.0/16

Left Out: -0.051 ± 0.744 χ^2/NDF : 145.6/7

Right Out: -1.299 ± 0.881 χ^2/NDF : 4541.1/19

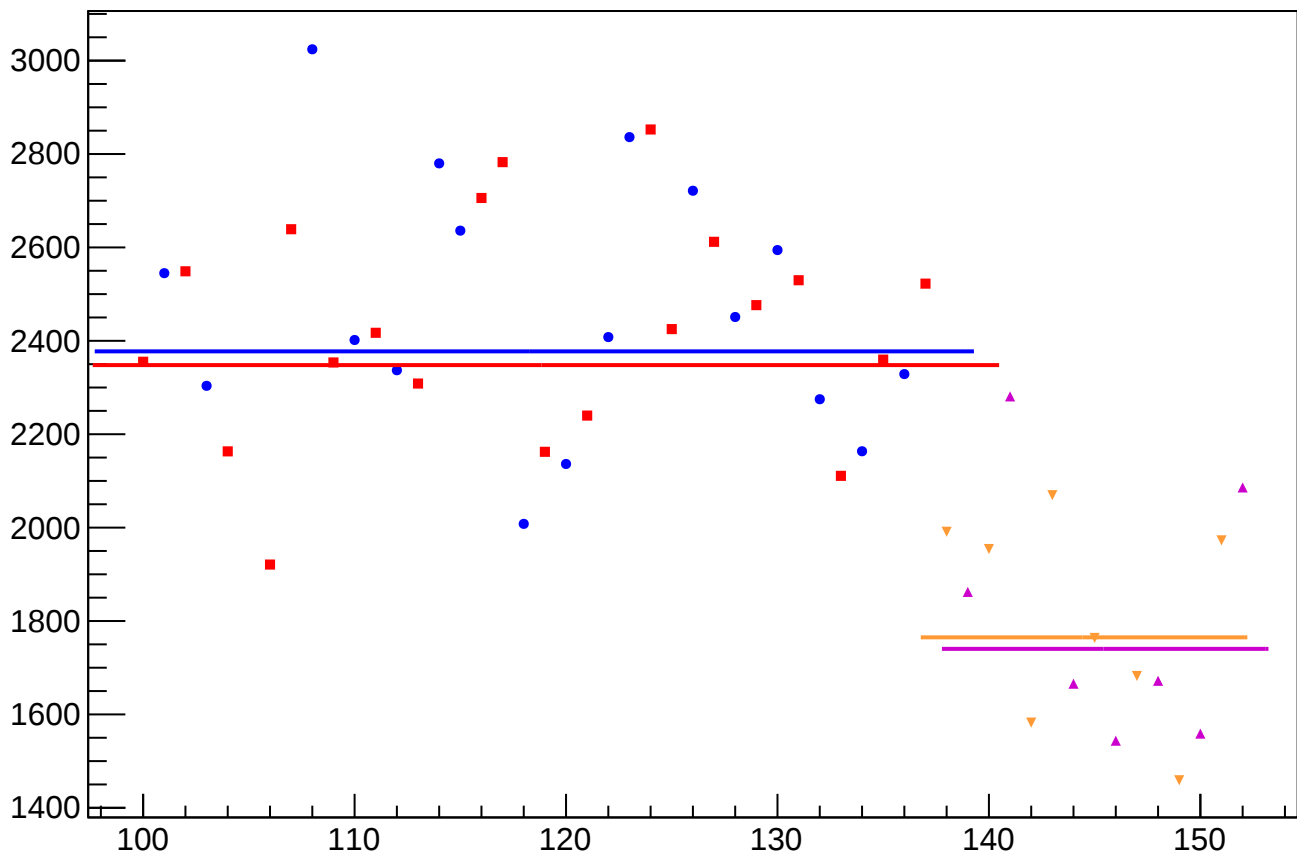
Left In: -105.618 ± 0.742 χ^2/NDF : 1113.3/6

42.502 ± 0.579 χ^2/NDF : 11257.9/24

-10.931 ± 0.405 χ^2/NDF : 41837.6/51

-62.344 ± 0.568 χ^2/NDF : 13851.9/26

diff_bpm1i06X_rms vs Slug, Sign Corrected



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

Left Out: 1765.022+/-0.526 χ^2/NDF : 164727.8/7

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

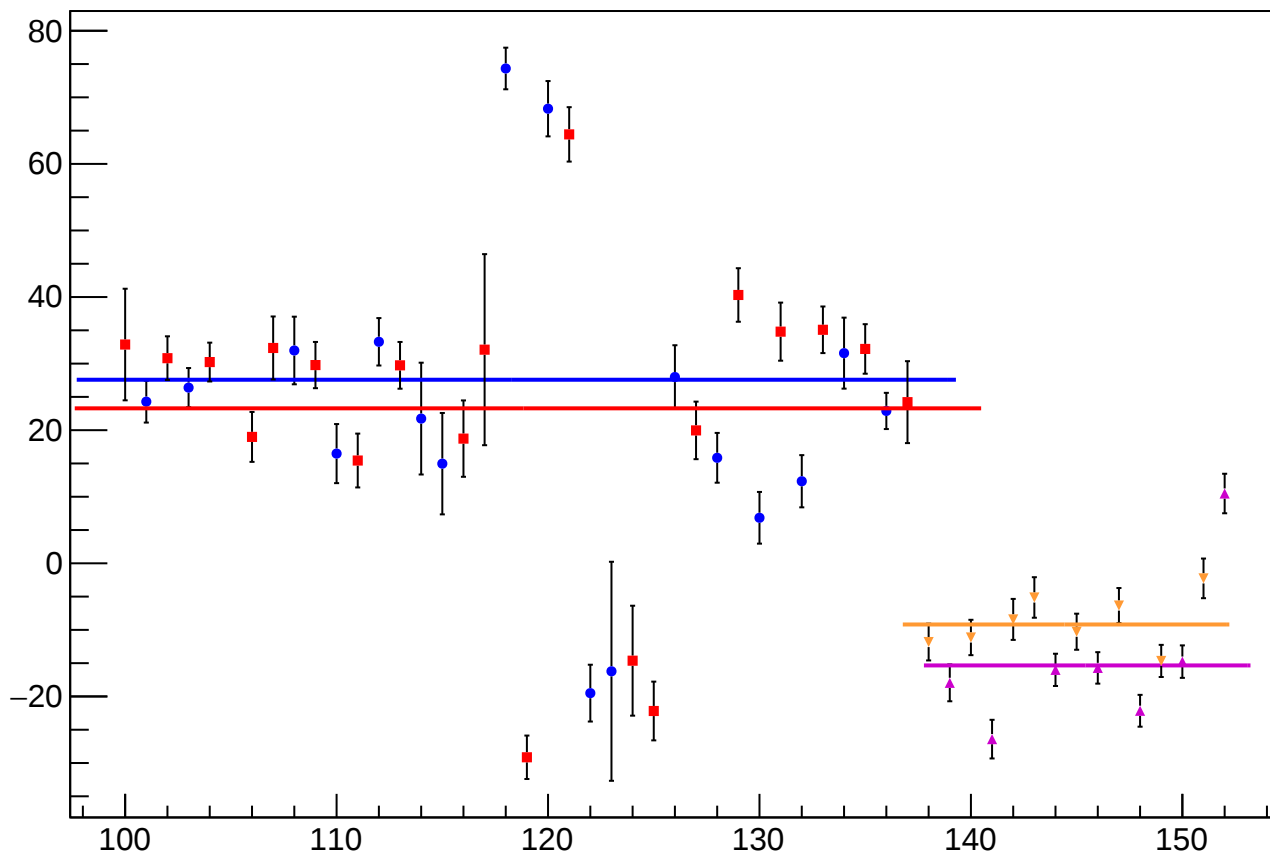
Left In: 1740.387+/-0.525 χ^2/NDF : 197906.2/6

2006.532+/-0.409 χ^2/NDF : 819295.2/24

1999.352+/-0.287 χ^2/NDF : 1684426.3/51

1992.444+/-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: -9.189+/-0.975 χ^2/NDF : 15.2/7

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

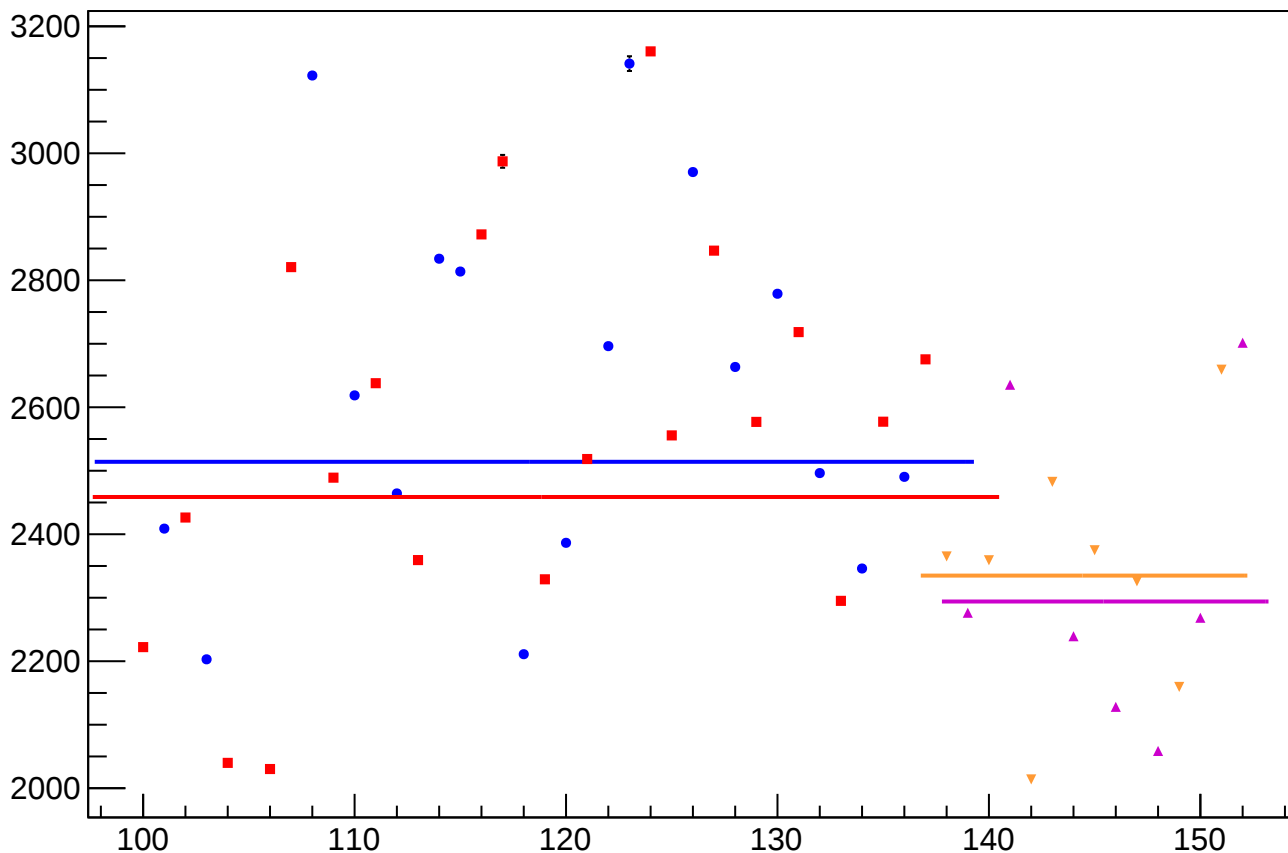
Left In: -15.340+/-0.974 χ^2/NDF : 99.4/6

9.207+/-0.690 χ^2/NDF : 1245.5/24

7.024+/-0.481 χ^2/NDF : 2749.5/51

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: 2334.865 $\pm$ 0.690 χ^2 /NDF: 61577.4/7

Right Out: 2458.665 $\pm$ 0.654 χ^2 /NDF: 152458.1/19

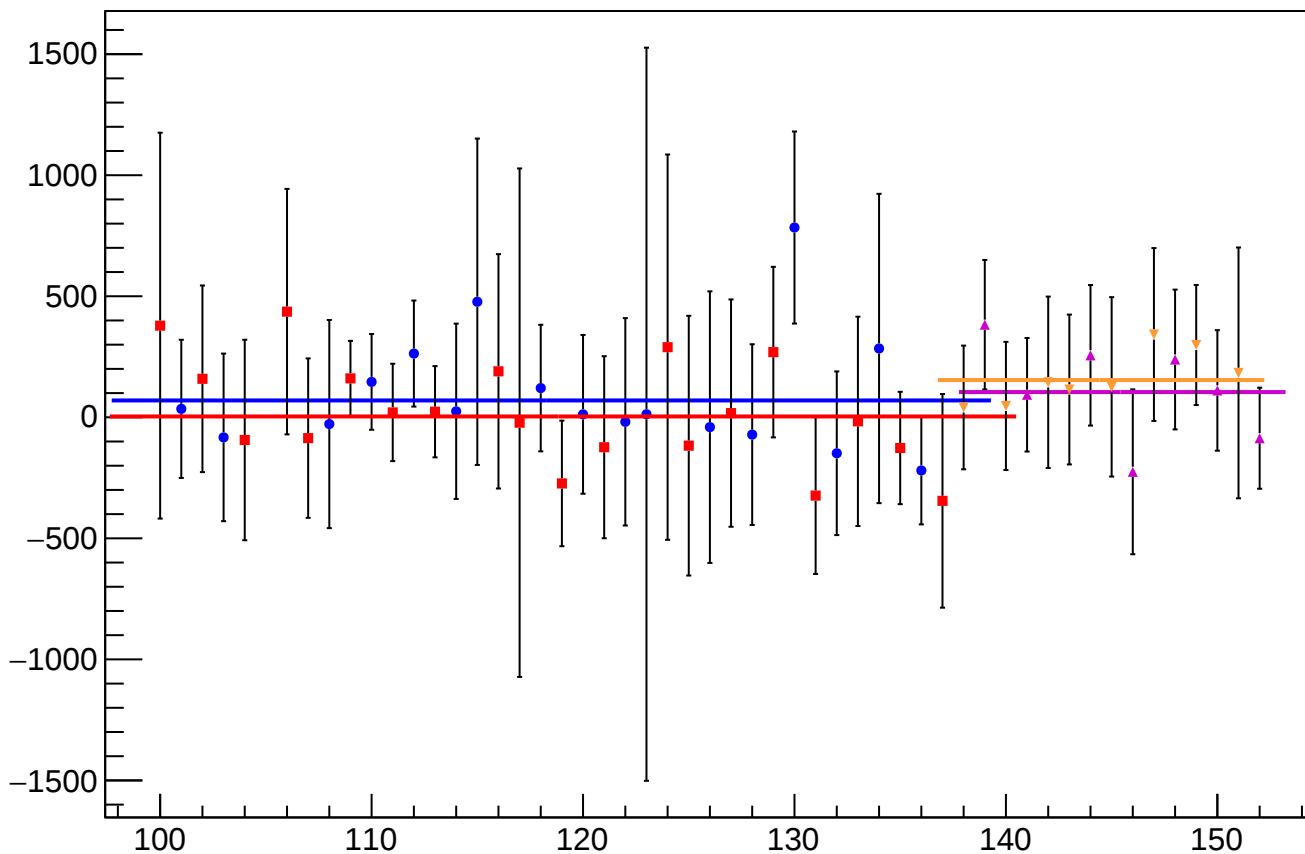
Left In: 2294.045 $\pm$ 0.689 χ^2 /NDF: 95918.5/6

2424.543 $\pm$ 0.488 χ^2 /NDF: 216319.1/24

2401.946 $\pm$ 0.340 χ^2 /NDF: 498922.7/51

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: 153.762 $\pm$ 109.686 χ^2 /NDF:1.0/7

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

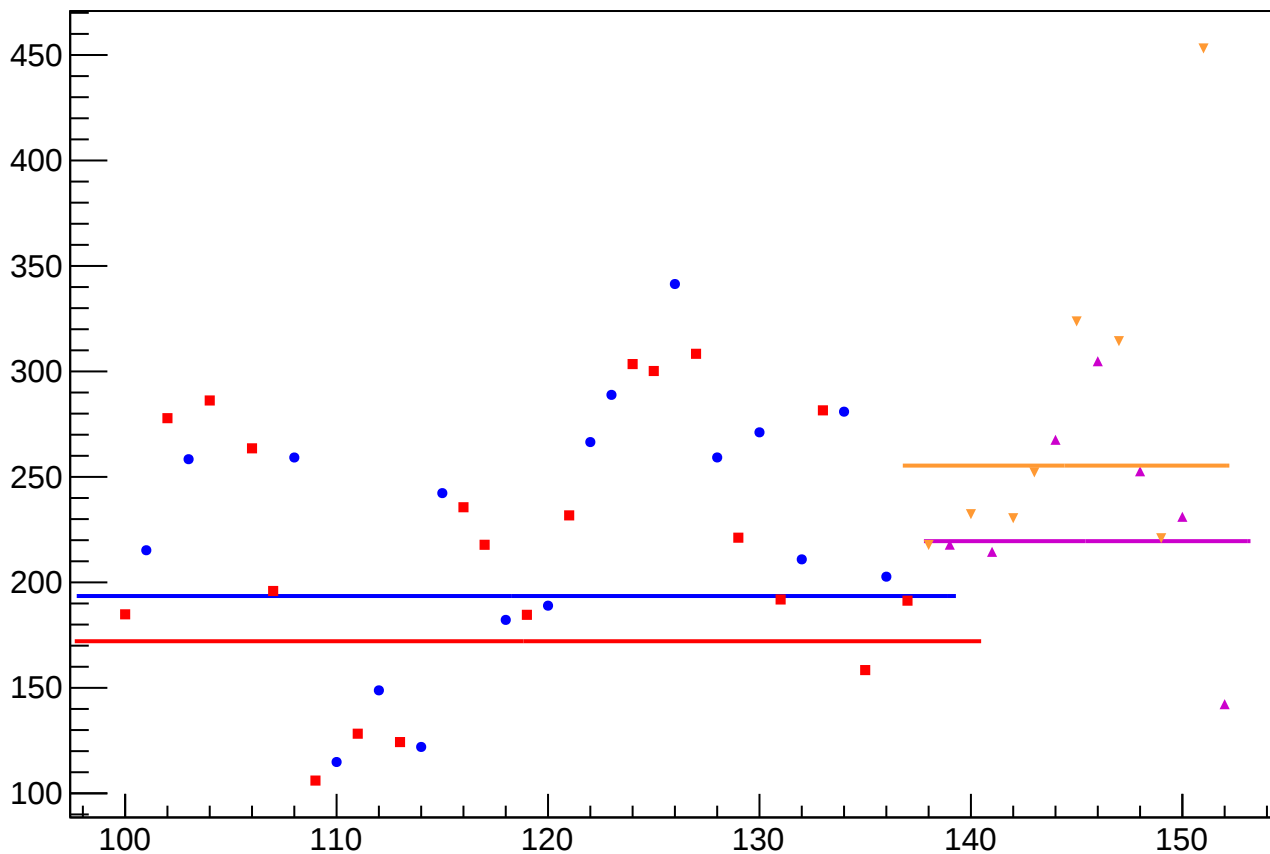
Left In: 104.208 $\pm$ 98.176 χ^2 /NDF:3.3/6

98.349 $\pm$ 64.116 χ^2 /NDF: 8.7/24

64.194 $\pm$ 42.559 χ^2 /NDF: 19.7/51

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: 255.361 $\pm$ 0.078 χ^2 /NDF: 521303.1/7

Right Out: 172.104 $\pm$ 0.049 χ^2 /NDF: 1580690.9/19

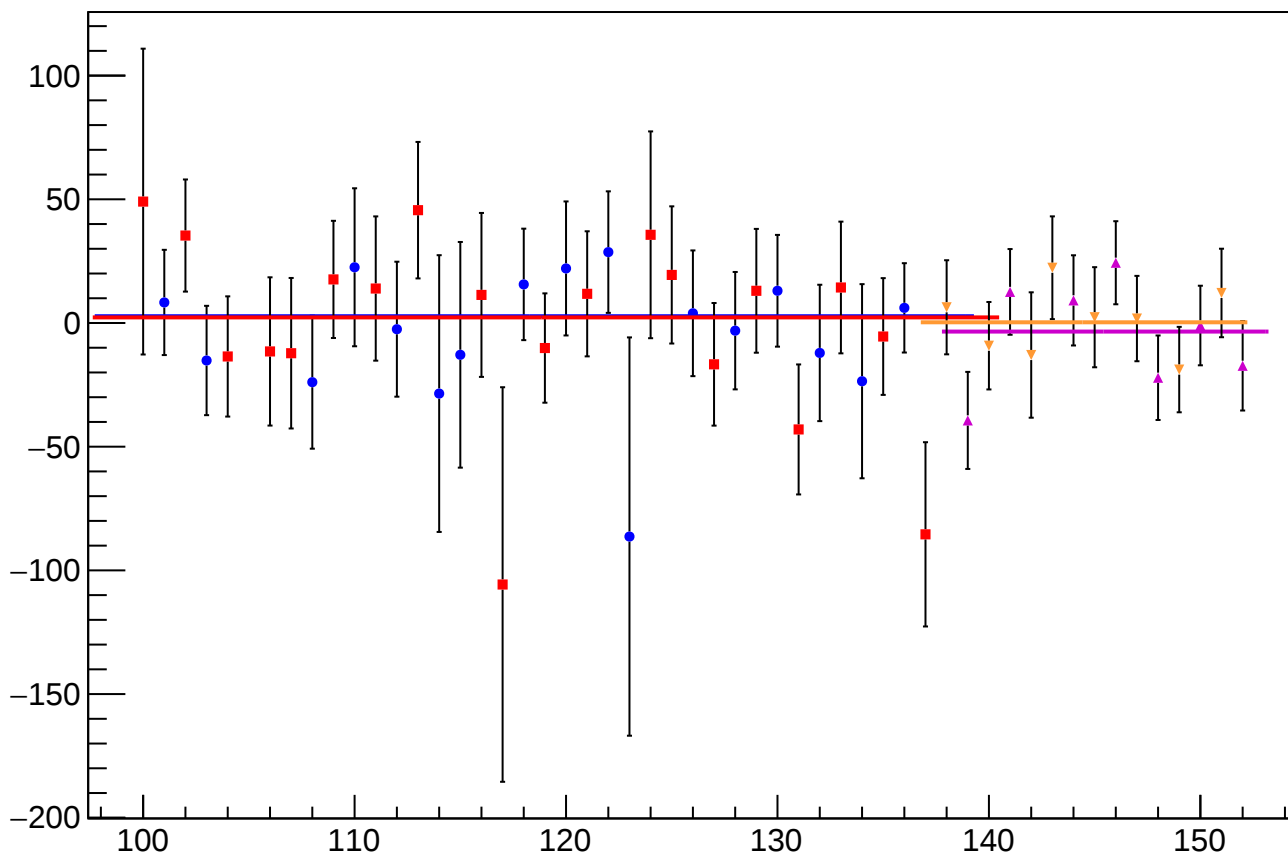
Left In: 219.548 $\pm$ 0.069 χ^2 /NDF: 486121.9/6

214.659 $\pm$ 0.045 χ^2 /NDF: 1950062.7/24

199.768 $\pm$ 0.030 χ^2 /NDF: 4519881.8/51

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 $\pm$ 6.424 χ^2 /NDF: 6.8/16

Left Out: 0.282 $\pm$ 6.723 χ^2 /NDF: 3.5/7

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

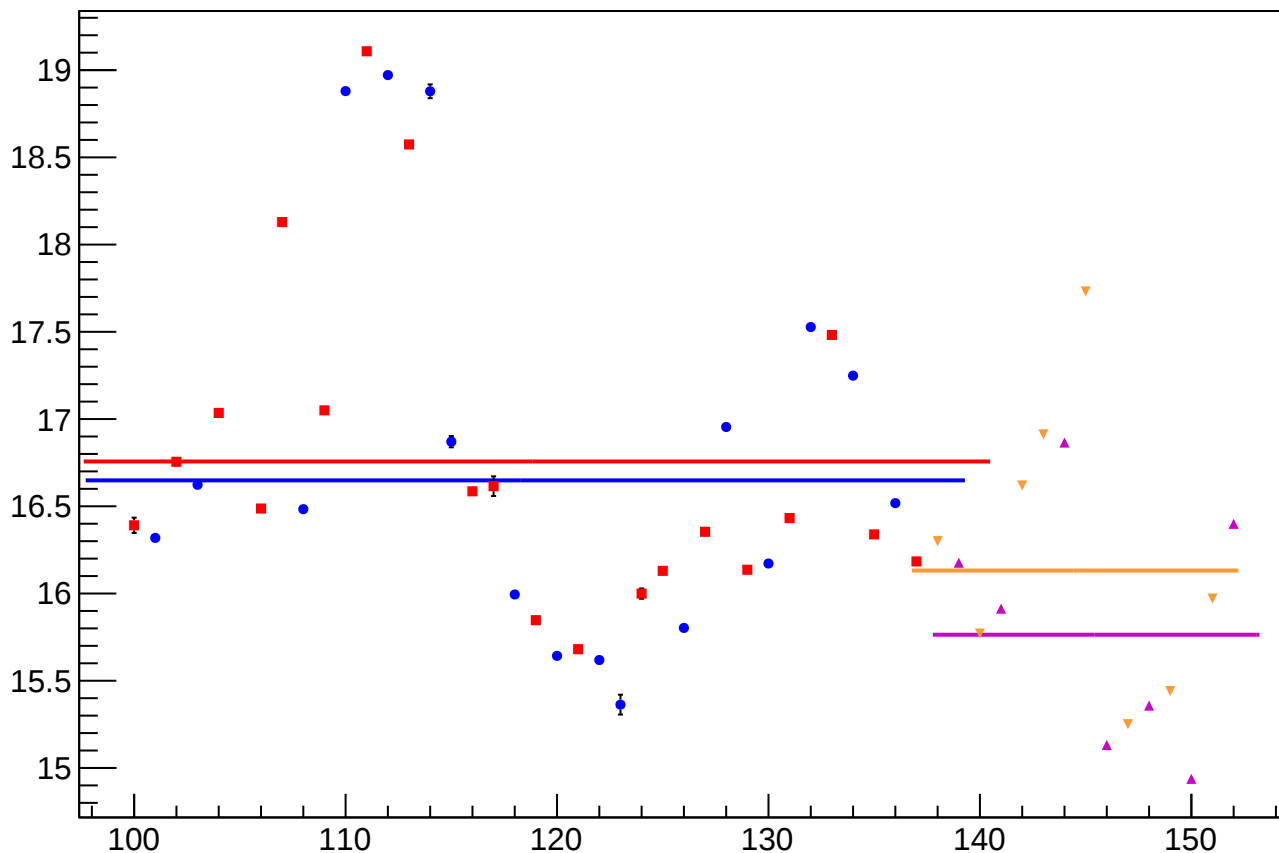
Left In: -3.470 $\pm$ 6.617 χ^2 /NDF: 9.2/6

1.563 $\pm$ 4.645 χ^2 /NDF: 10.3/24

0.537 $\pm$ 3.249 χ^2 /NDF: 39.6/51

-0.447 $\pm$ 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 $\pm$ 0.005 χ^2/NDF : 42566.9/16

Left Out: 16.132 $\pm$ 0.005 χ^2/NDF : 25638.5/7

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

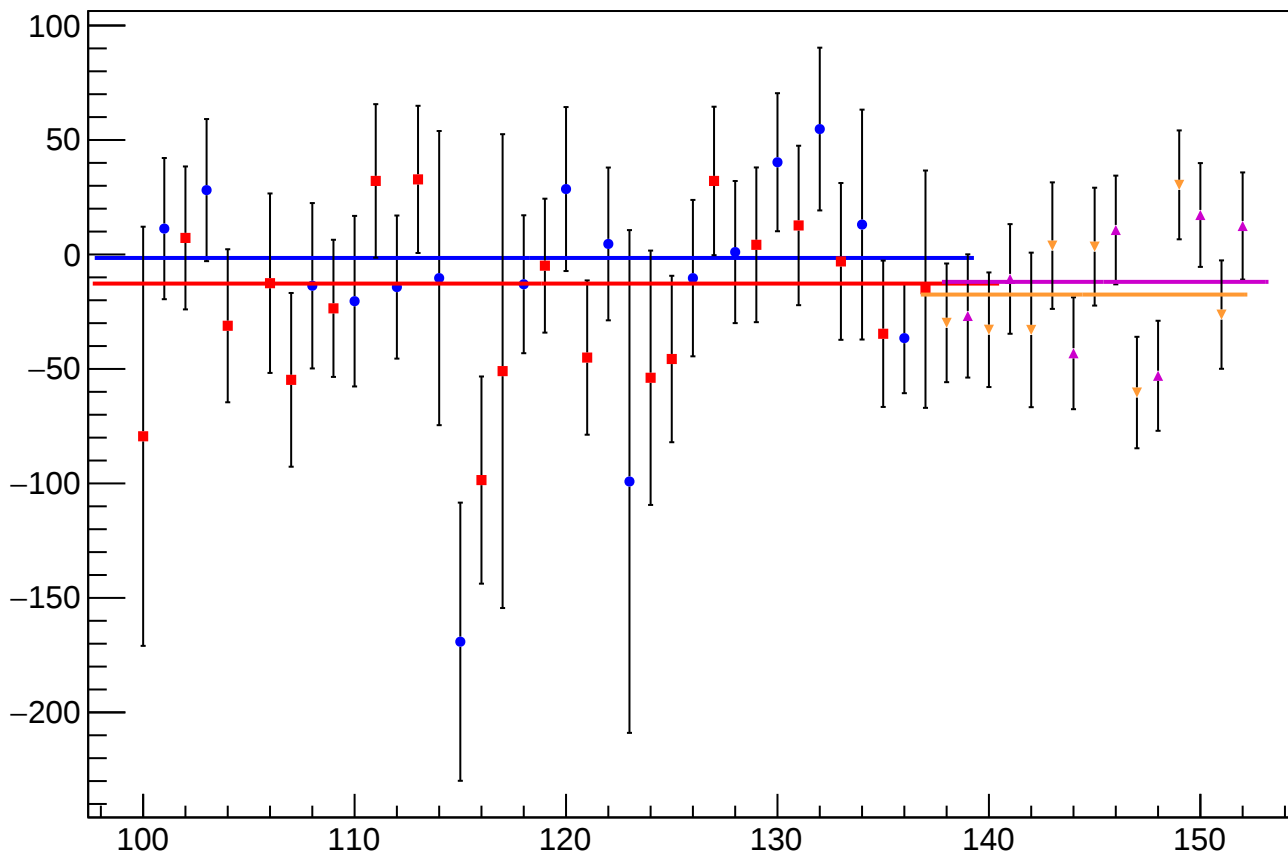
Left In: 15.764 $\pm$ 0.005 χ^2/NDF : 20051.2/6

16.402 $\pm$ 0.003 χ^2/NDF : 74378.1/24

16.344 $\pm$ 0.002 χ^2/NDF : 158772.1/51

16.288 $\pm$ 0.003 χ^2/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: -17.512 ± 9.120 $\chi^2/\text{NDF}: 9.4/7$

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

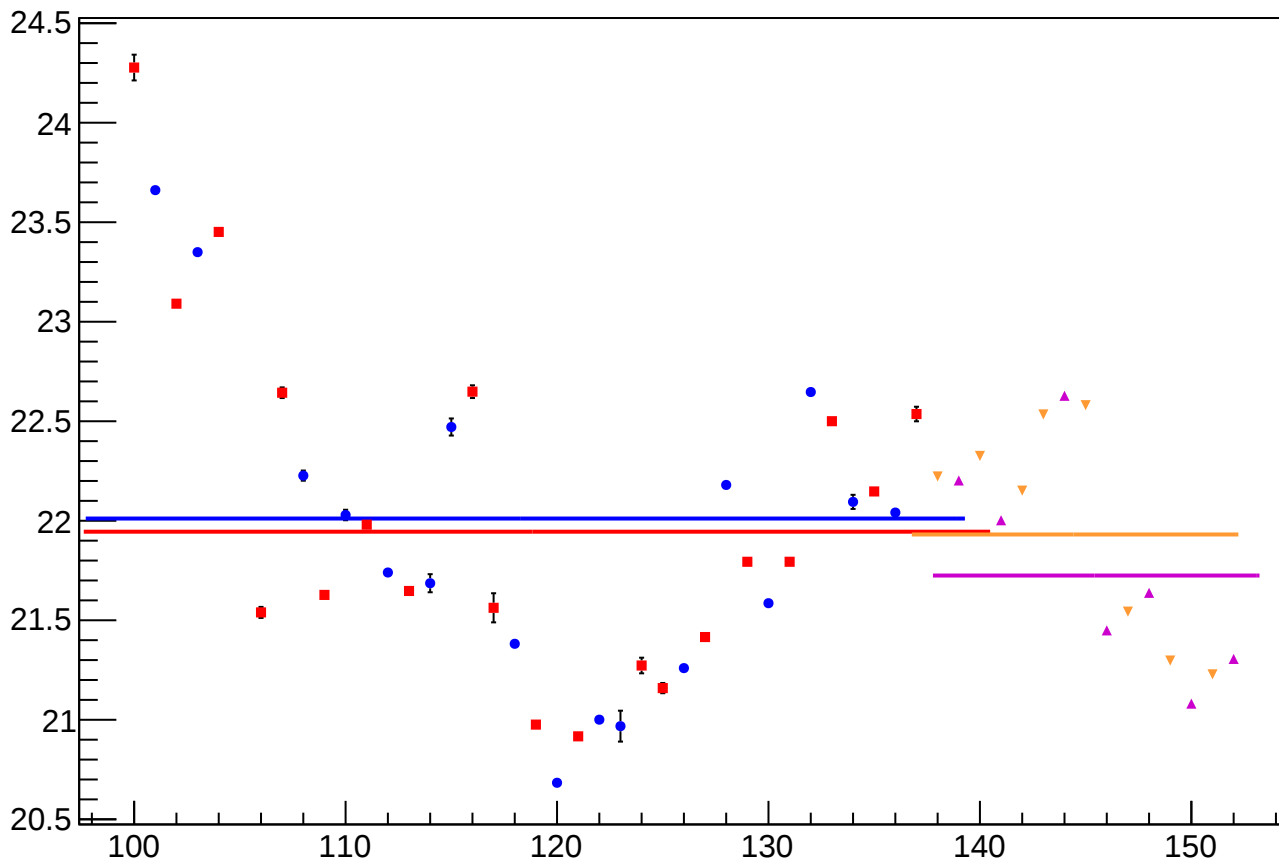
Left In: -11.966 ± 9.099 $\chi^2/\text{NDF}: 8.5/6$

-8.942 ± 6.212 $\chi^2/\text{NDF}: 28.6/24$

-10.697 ± 4.347 $\chi^2/\text{NDF}: 53.0/51$

-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 $\pm$ 0.006 χ^2 /NDF: 17546.9/16

Left Out: 21.931 $\pm$ 0.006 χ^2 /NDF: 6751.0/7

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

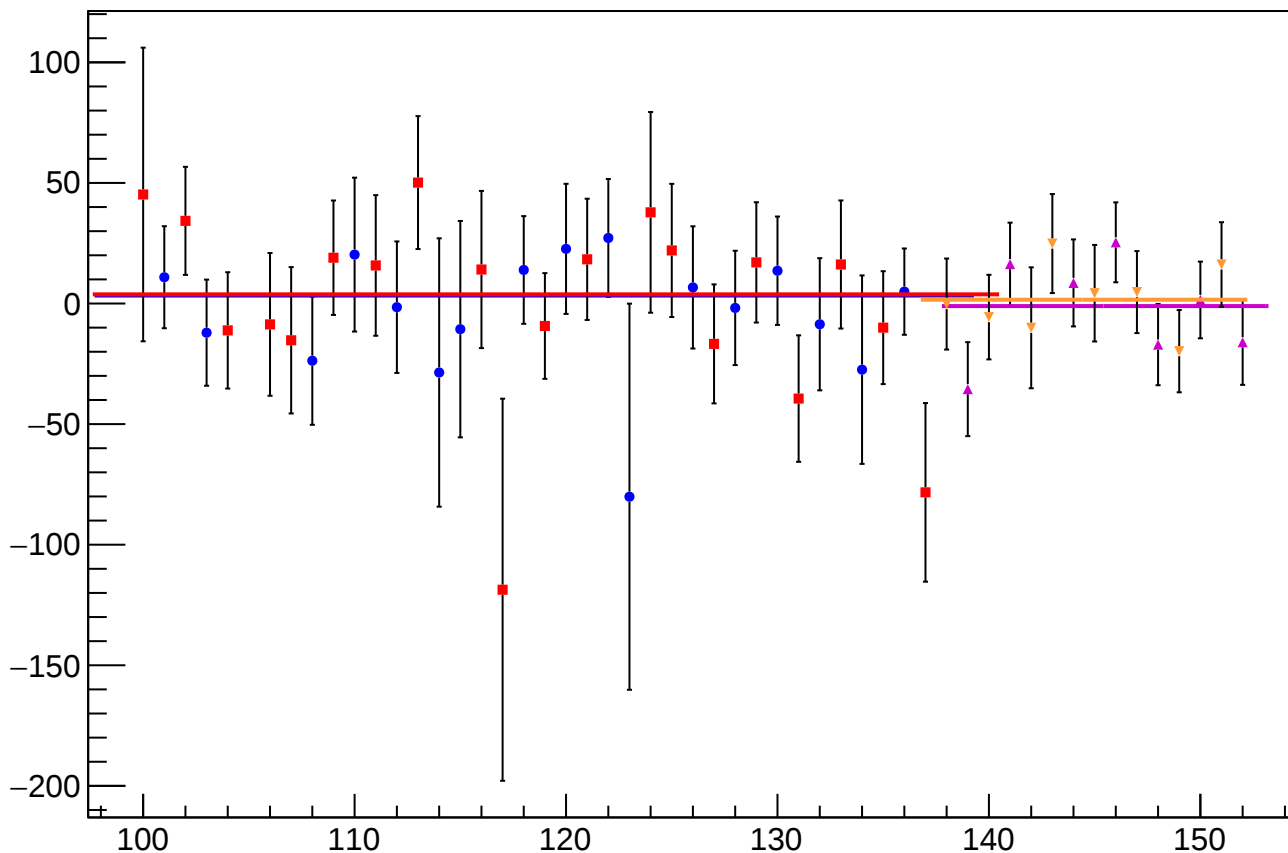
Left In: 21.725 $\pm$ 0.006 χ^2 /NDF: 6181.1/6

21.974 $\pm$ 0.004 χ^2 /NDF: 24380.6/24

21.909 $\pm$ 0.003 χ^2 /NDF: 48259.5/51

21.847 $\pm$ 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 ± 6.388 χ^2/NDF : 6.3/16

Left Out: 1.586 ± 6.641 χ^2/NDF : 4.0/7

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

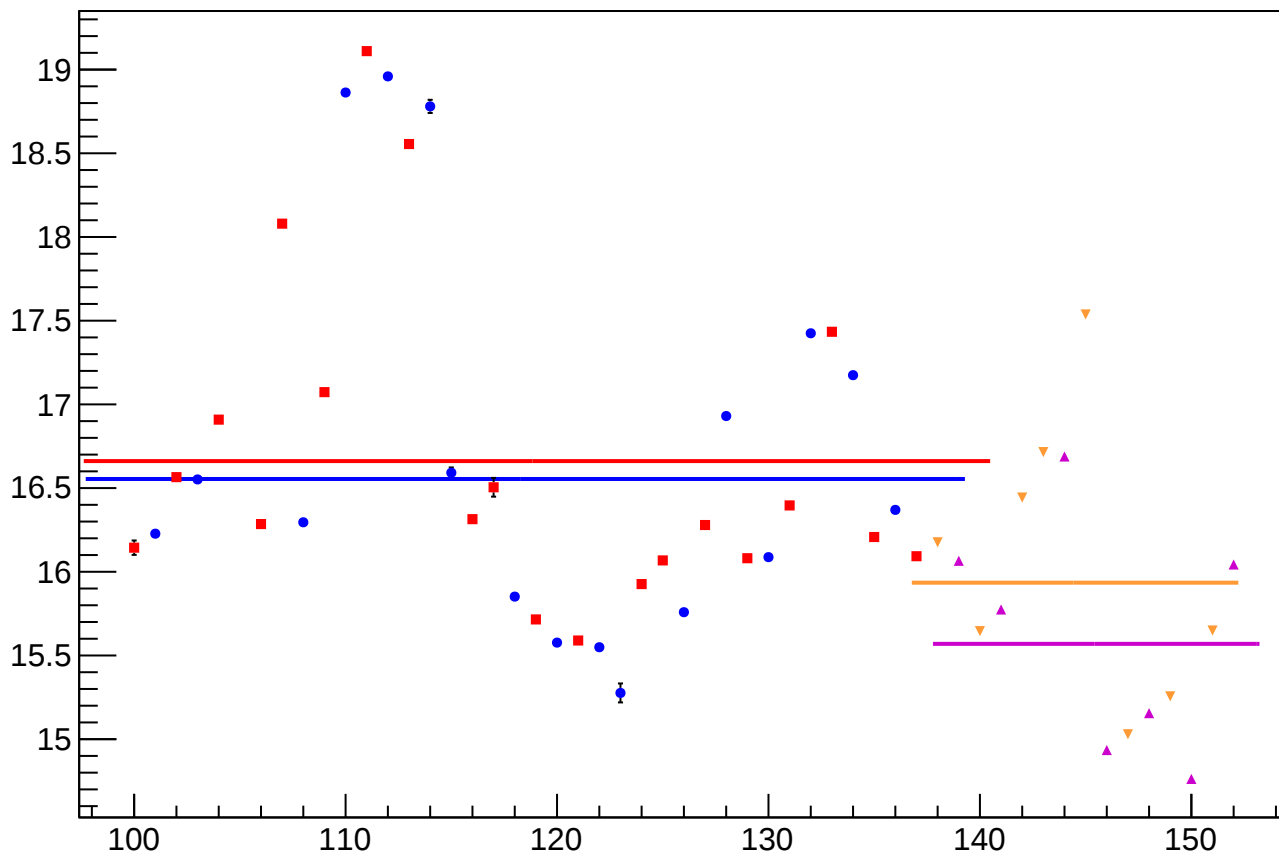
Left In: -1.064 ± 6.534 χ^2/NDF : 8.6/6

2.485 ± 4.604 χ^2/NDF : 10.3/24

1.975 ± 3.221 χ^2/NDF : 39.4/51

1.486 ± 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: 15.935 $\pm$ 0.005 χ^2 /NDF: 26784.4/7

Right Out: 16.661 $\pm$ 0.004 χ^2 /NDF: 43071.4/19

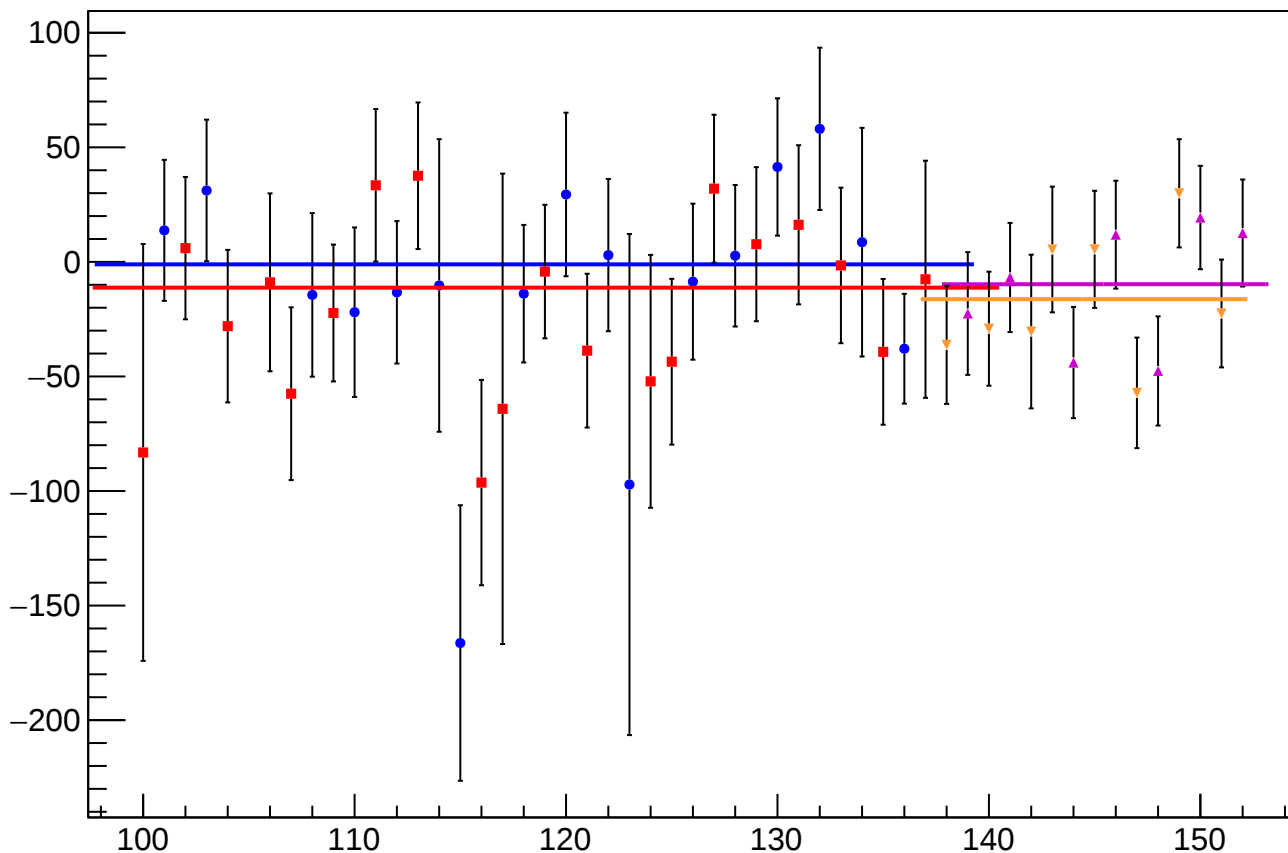
Left In: 15.569 $\pm$ 0.005 χ^2 /NDF: 20013.7/6

16.257 $\pm$ 0.003 χ^2 /NDF: 80297.1/24

16.198 $\pm$ 0.002 χ^2 /NDF: 173295.9/51

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: -16.271 ± 9.058 χ^2/NDF : 9.2/7

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

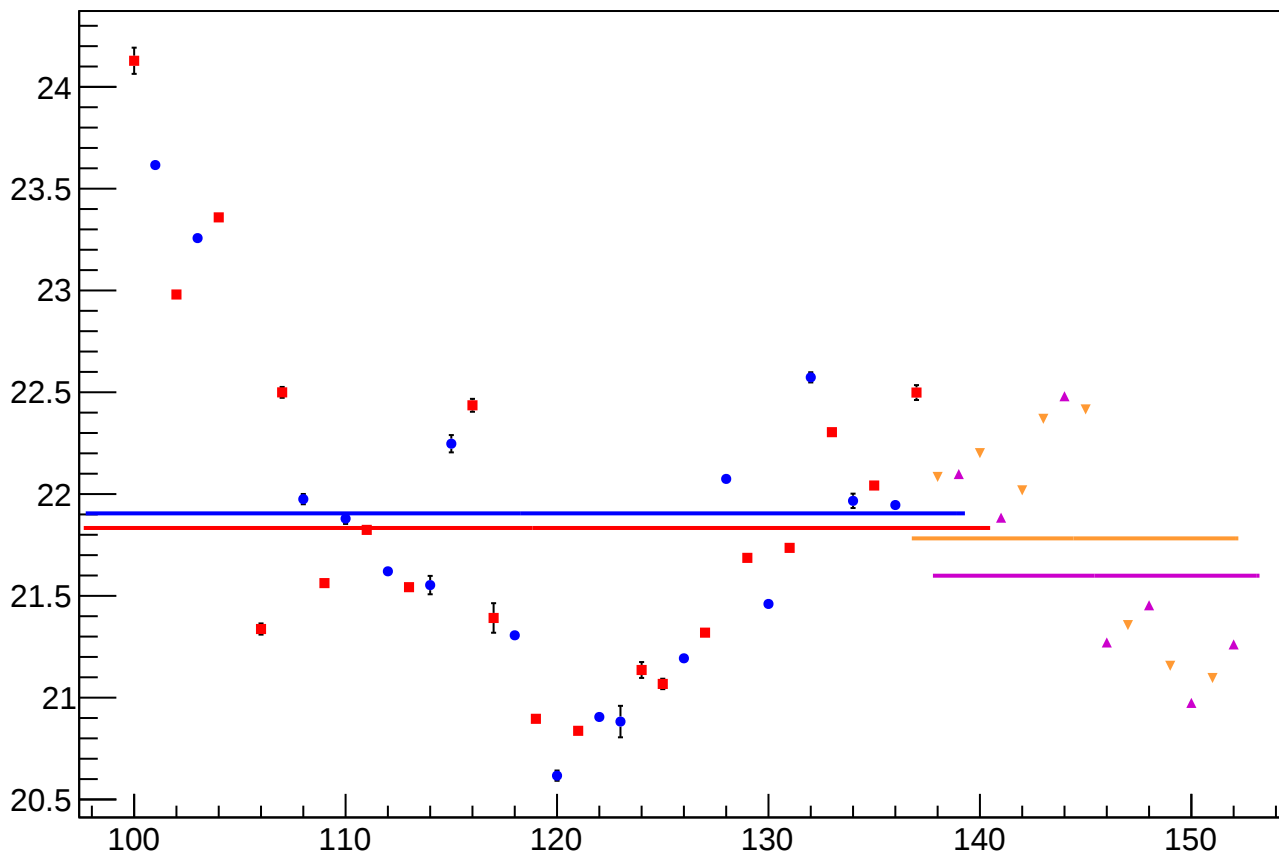
Left In: -9.755 ± 9.046 χ^2/NDF : 8.2/6

-8.137 ± 6.177 χ^2/NDF : 29.1/24

-9.380 ± 4.323 χ^2/NDF : 53.9/51

-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 ± 0.006 χ^2/NDF : 17794.2/16

Left Out: 21.782 ± 0.006 χ^2/NDF : 6811.6/7

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

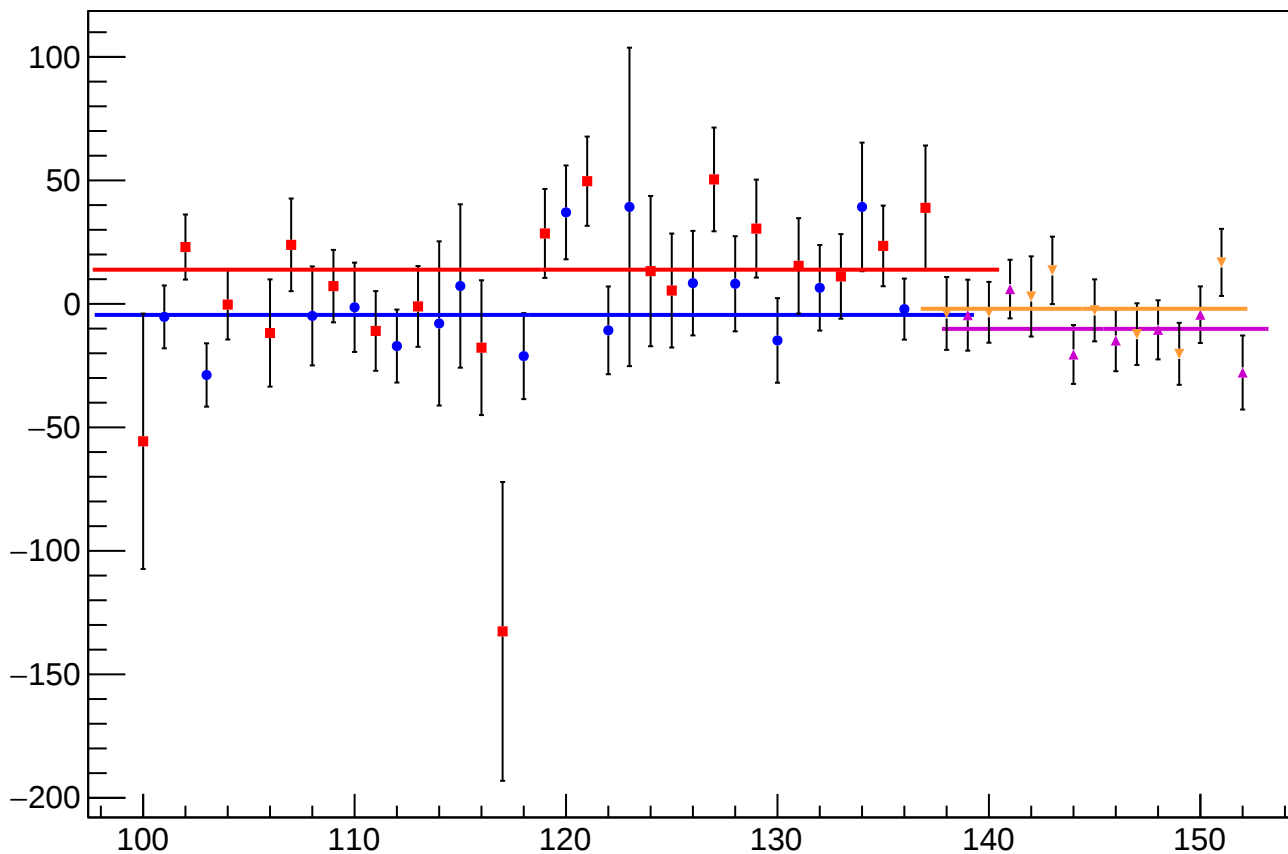
Left In: 21.599 ± 0.006 χ^2/NDF : 6033.0/6

21.848 ± 0.004 χ^2/NDF : 24802.8/24

21.787 ± 0.003 χ^2/NDF : 48248.3/51

21.728 ± 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: -1.975 ± 4.720 χ^2/NDF : 6.1/7

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

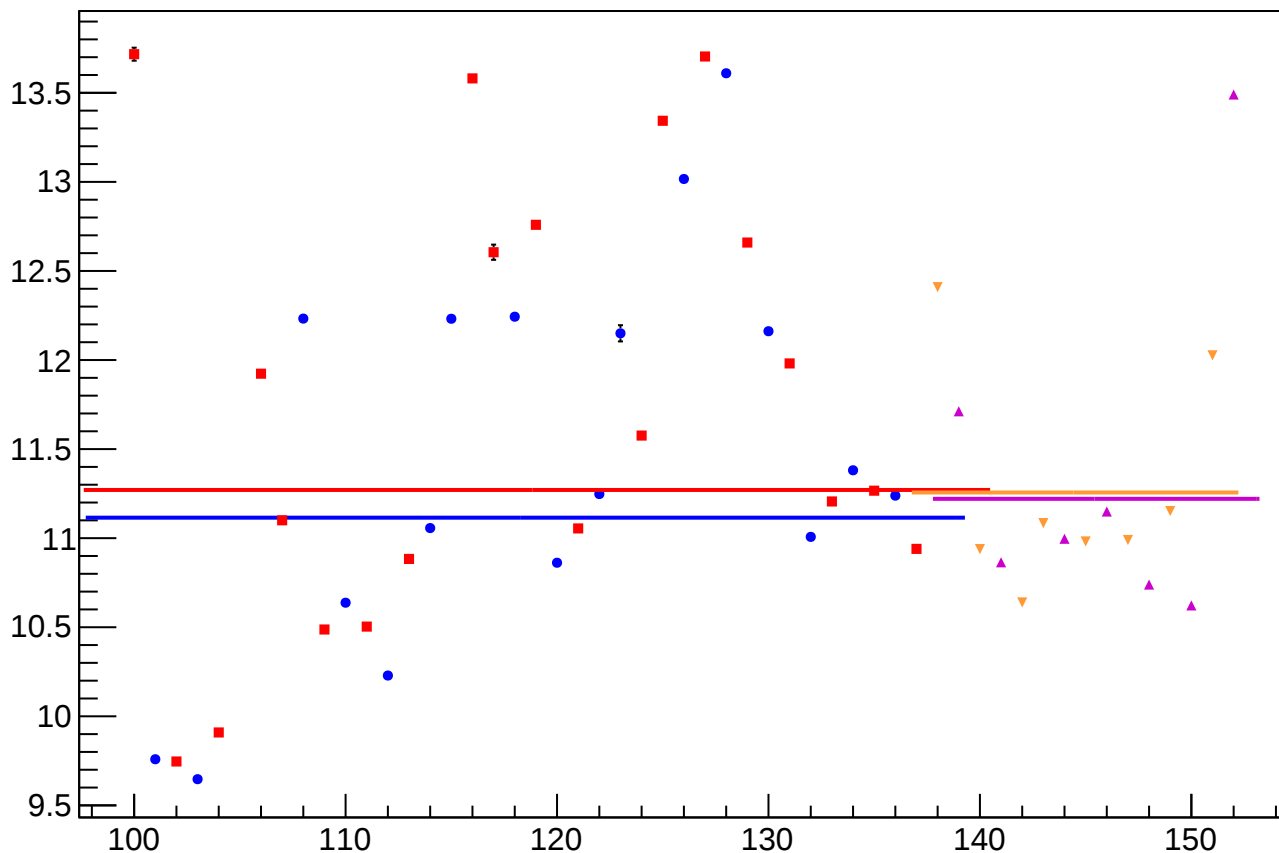
Left In: -10.118 ± 4.741 χ^2/NDF : 4.5/6

-3.325 ± 3.190 χ^2/NDF : 21.5/24

-0.057 ± 2.247 χ^2/NDF : 67.6/51

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: 11.256 $\pm$ 0.003 χ^2 /NDF: 25196.1/7

Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148461.6/19

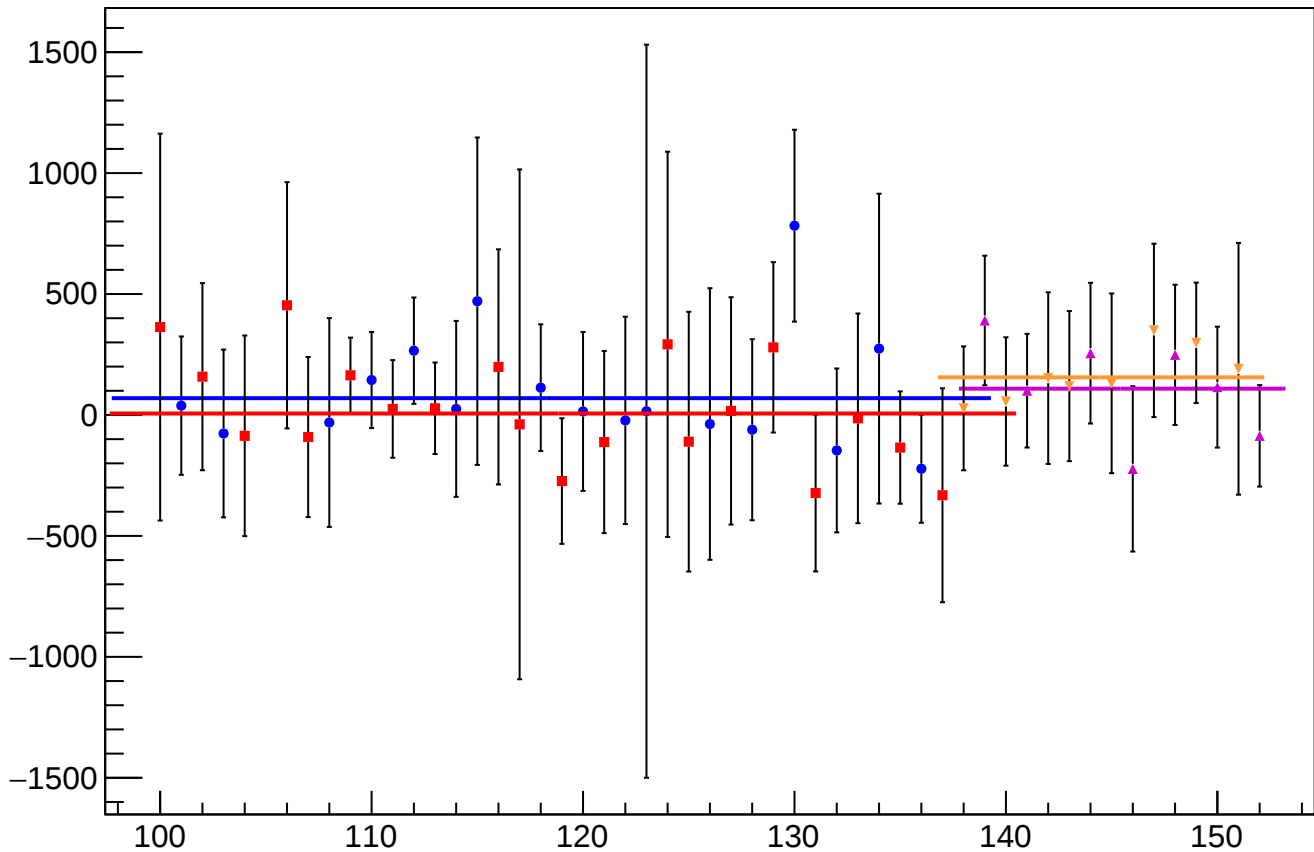
Left In: 11.221 $\pm$ 0.003 χ^2 /NDF: 59428.6/6

11.180 $\pm$ 0.002 χ^2 /NDF: 159229.2/24

11.214 $\pm$ 0.002 χ^2 /NDF: 367709.9/51

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 $\pm$ 79.231 χ^2 /NDF: 7.3/16

Left Out: 155.501 $\pm$ 109.998 χ^2 /NDF:1.0/7

Right Out: 5.996 $\pm$ 70.027 χ^2 /NDF: 6.5/19

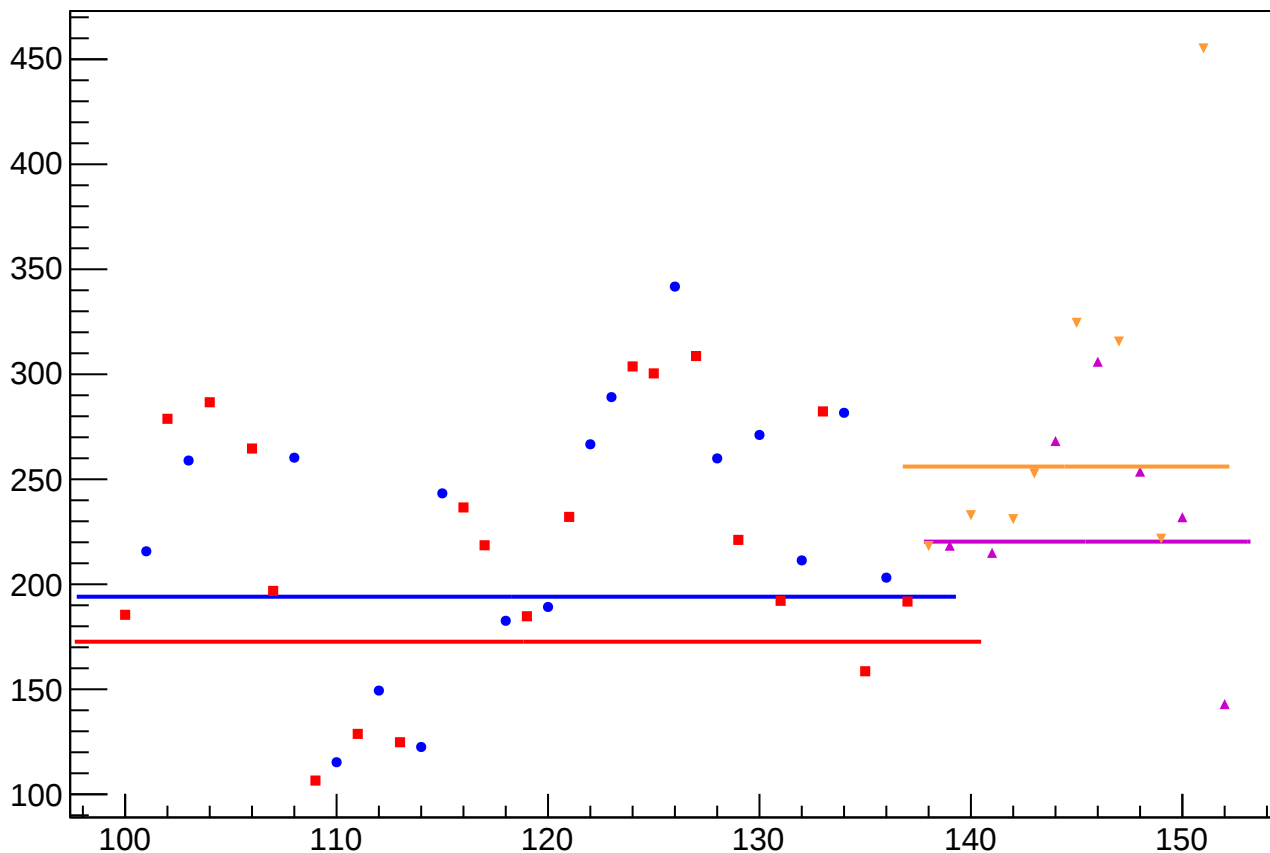
Left In: 108.786 $\pm$ 98.508 χ^2 /NDF:3.4/6

98.858 $\pm$ 64.290 χ^2 /NDF: 8.7/24

66.224 $\pm$ 42.682 χ^2 /NDF: 19.8/51

40.503 $\pm$ 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: 256.065 $\pm$ 0.078 χ^2 /NDF: 523023.2/7

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

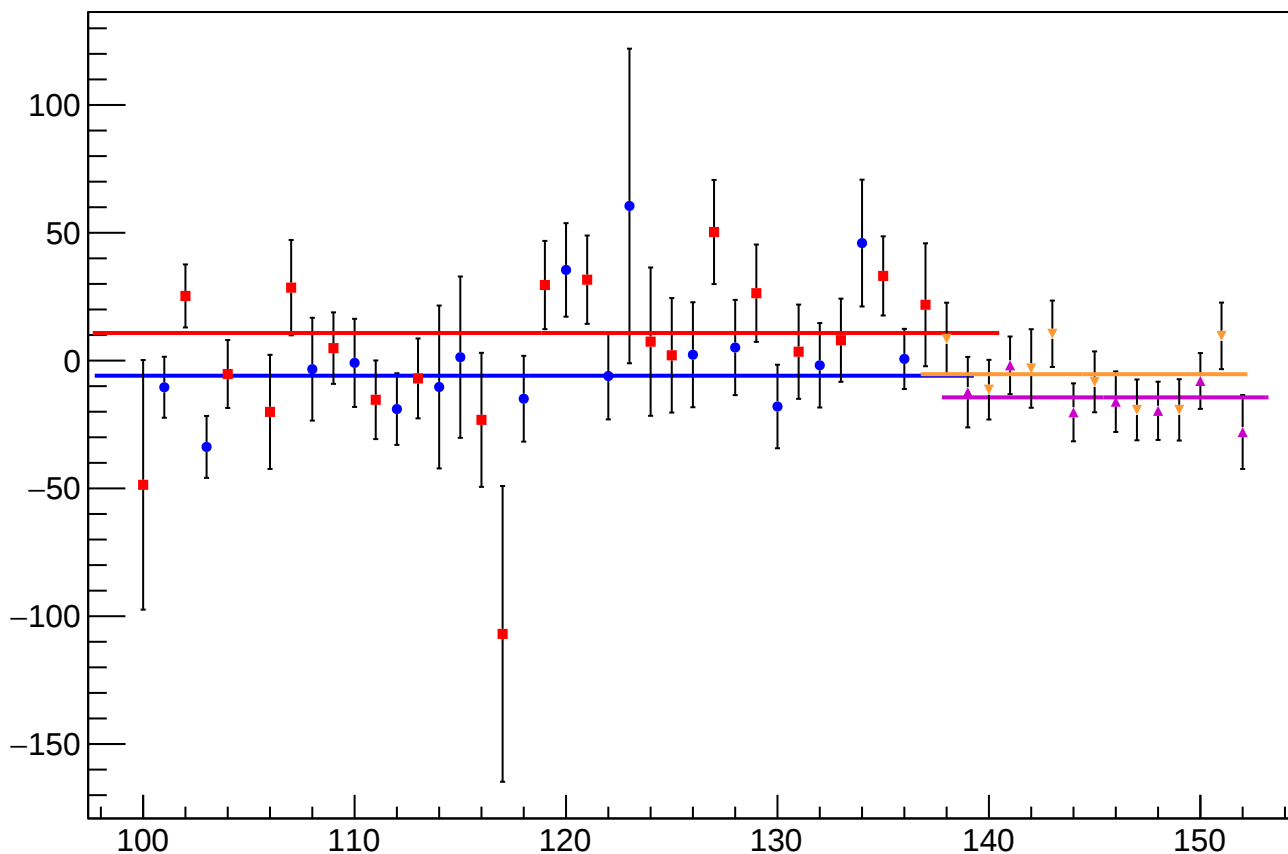
Left In: 220.315 $\pm$ 0.070 χ^2 /NDF: 483815.9/6

215.255 $\pm$ 0.045 χ^2 /NDF: 1946535.2/24

200.379 $\pm$ 0.030 χ^2 /NDF: 4506089.4/51

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 ± 4.133 $\chi^2/\text{NDF}: 18.8/16$

Left Out: -5.318 ± 4.495 $\chi^2/\text{NDF}: 6.9/7$

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

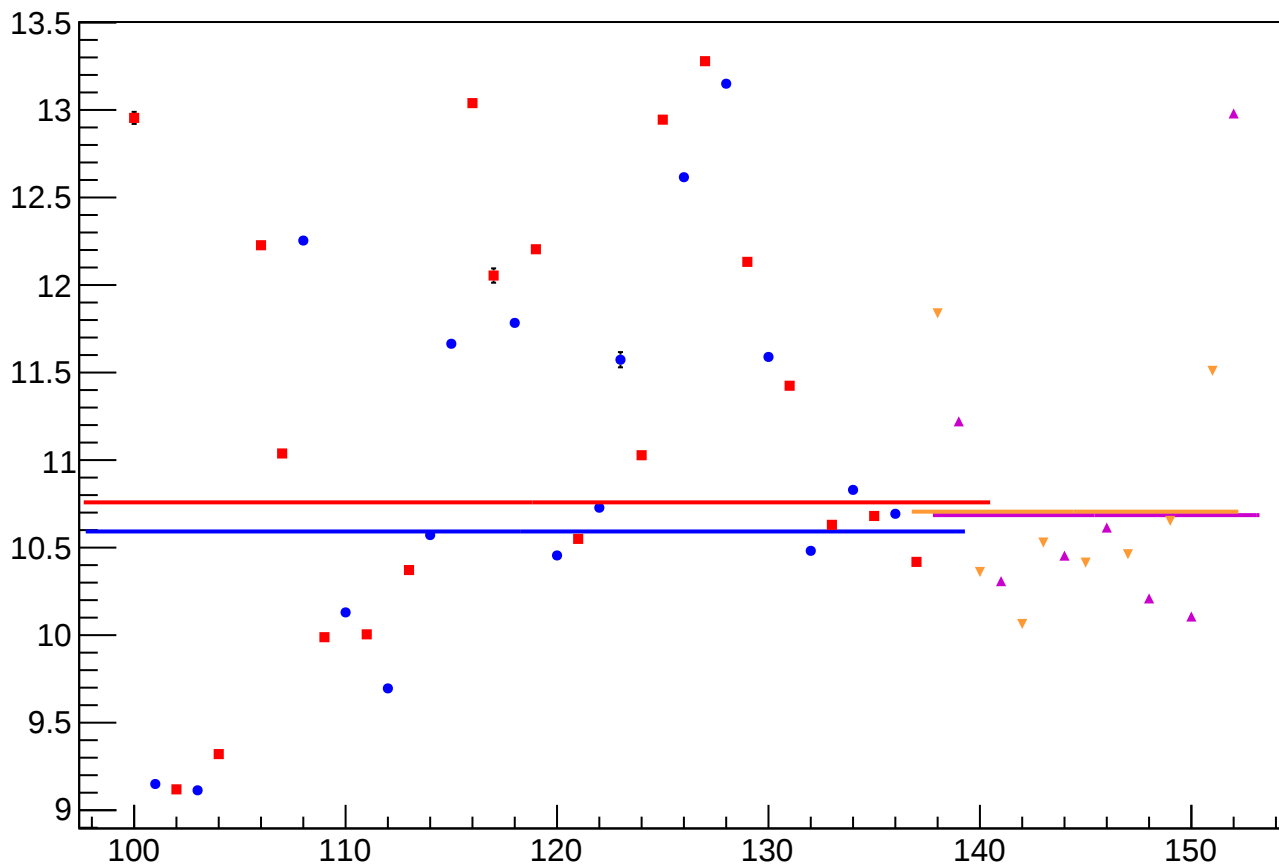
Left In: -14.379 ± 4.521 $\chi^2/\text{NDF}: 3.0/6$

-5.640 ± 3.043 $\chi^2/\text{NDF}: 25.7/24$

-3.035 ± 2.145 $\chi^2/\text{NDF}: 74.3/51$

-0.462 ± 3.024 $\chi^2/\text{NDF}: 47.2/26$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 10.705 $\pm$ 0.003 χ^2 /NDF: 28189.2/7

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

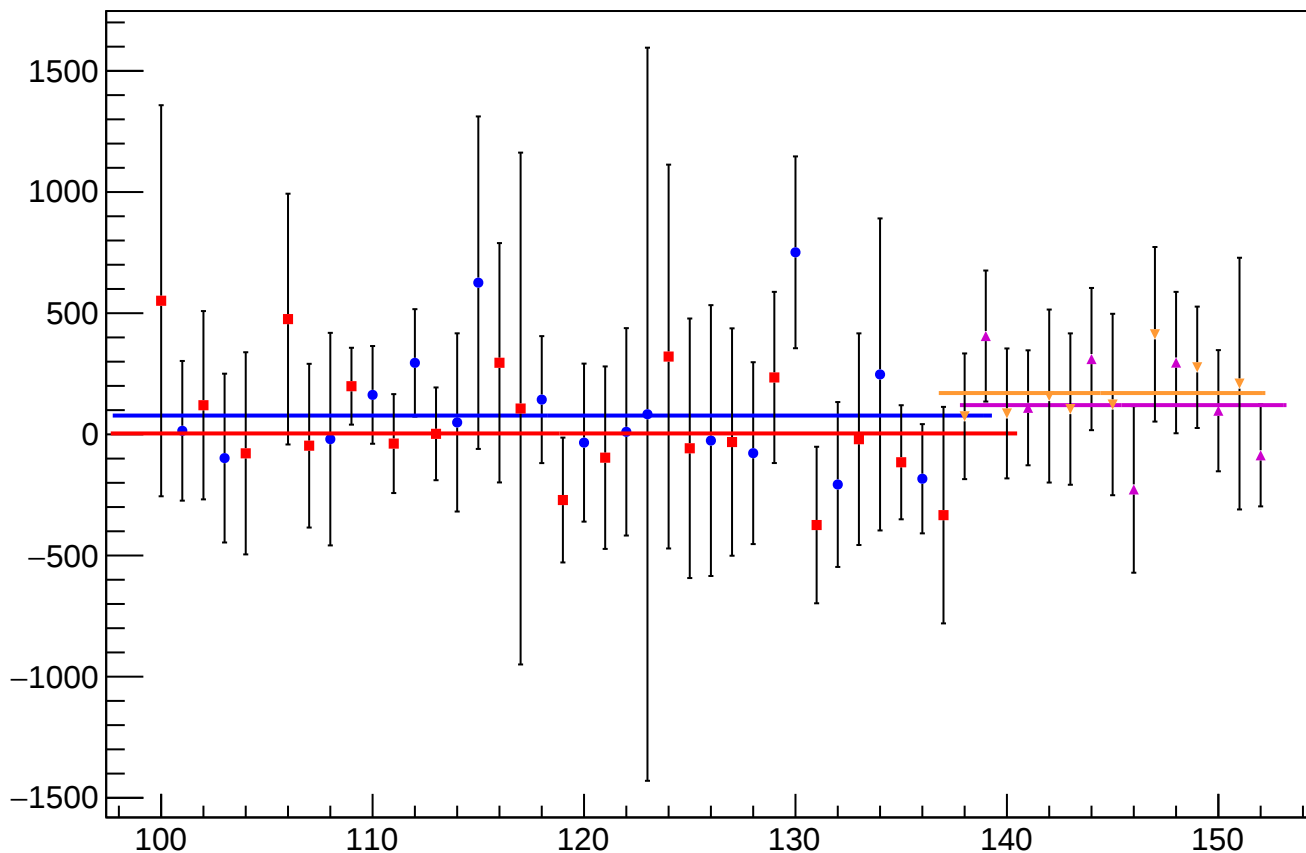
Left In: 10.686 $\pm$ 0.003 χ^2 /NDF: 65678.1/6

10.644 $\pm$ 0.002 χ^2 /NDF: 189274.5/24

10.685 $\pm$ 0.002 χ^2 /NDF: 433869.1/51

10.726 $\pm$ 0.002 χ^2 /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: 170.463 $\pm$ 110.865 χ^2 /NDF:0.9/7

Right Out: 3.768 $\pm$ 70.696 χ^2 /NDF: 7.4/19

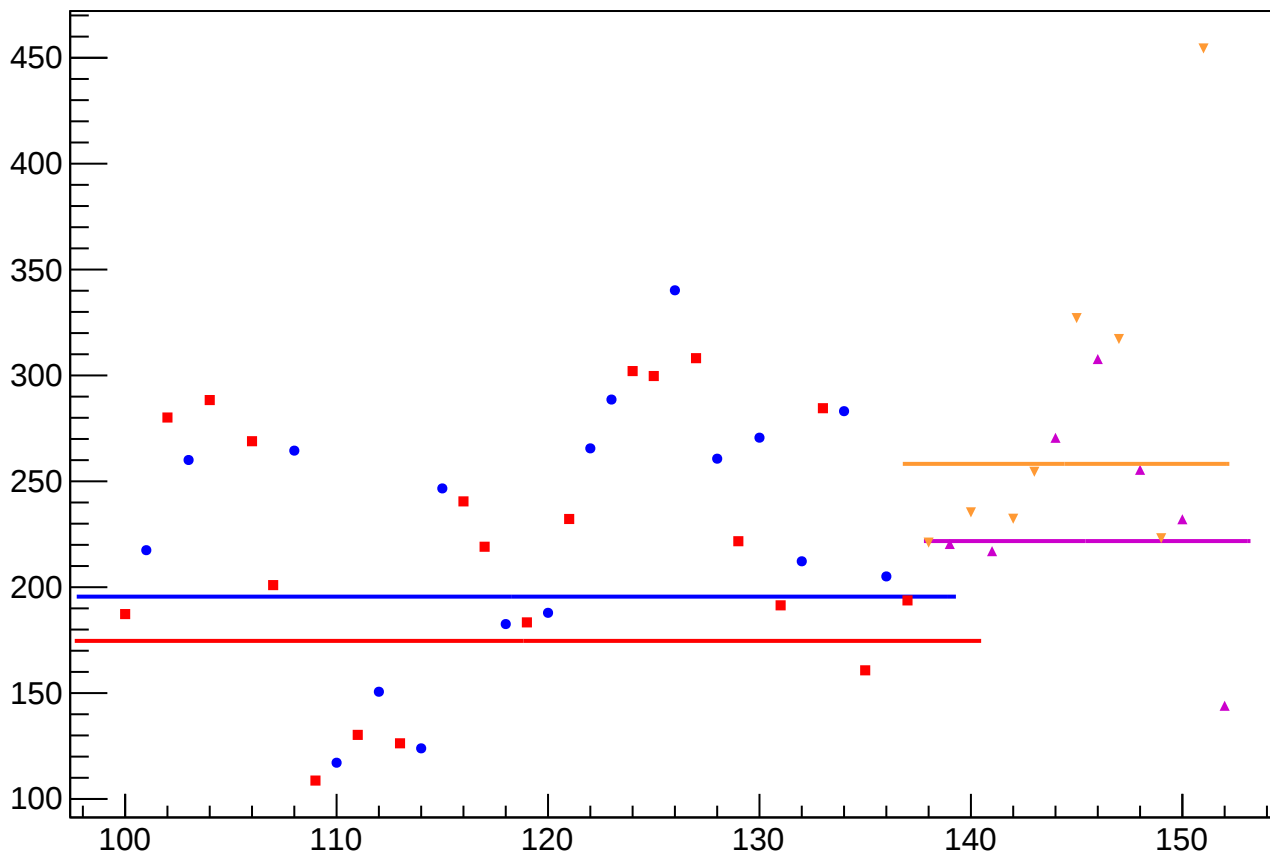
Left In: 120.639 $\pm$ 99.126 χ^2 /NDF:3.9/6

109.260 $\pm$ 64.740 χ^2 /NDF: 8.9/24

72.347 $\pm$ 43.015 χ^2 /NDF: 21.7/51

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 $\pm$ 0.056 χ^2/NDF : 979937.7/16

Left Out: 258.244 $\pm$ 0.078 χ^2/NDF : 512322.5/7

Right Out: 174.649 $\pm$ 0.050 χ^2/NDF : 1532189.1/19

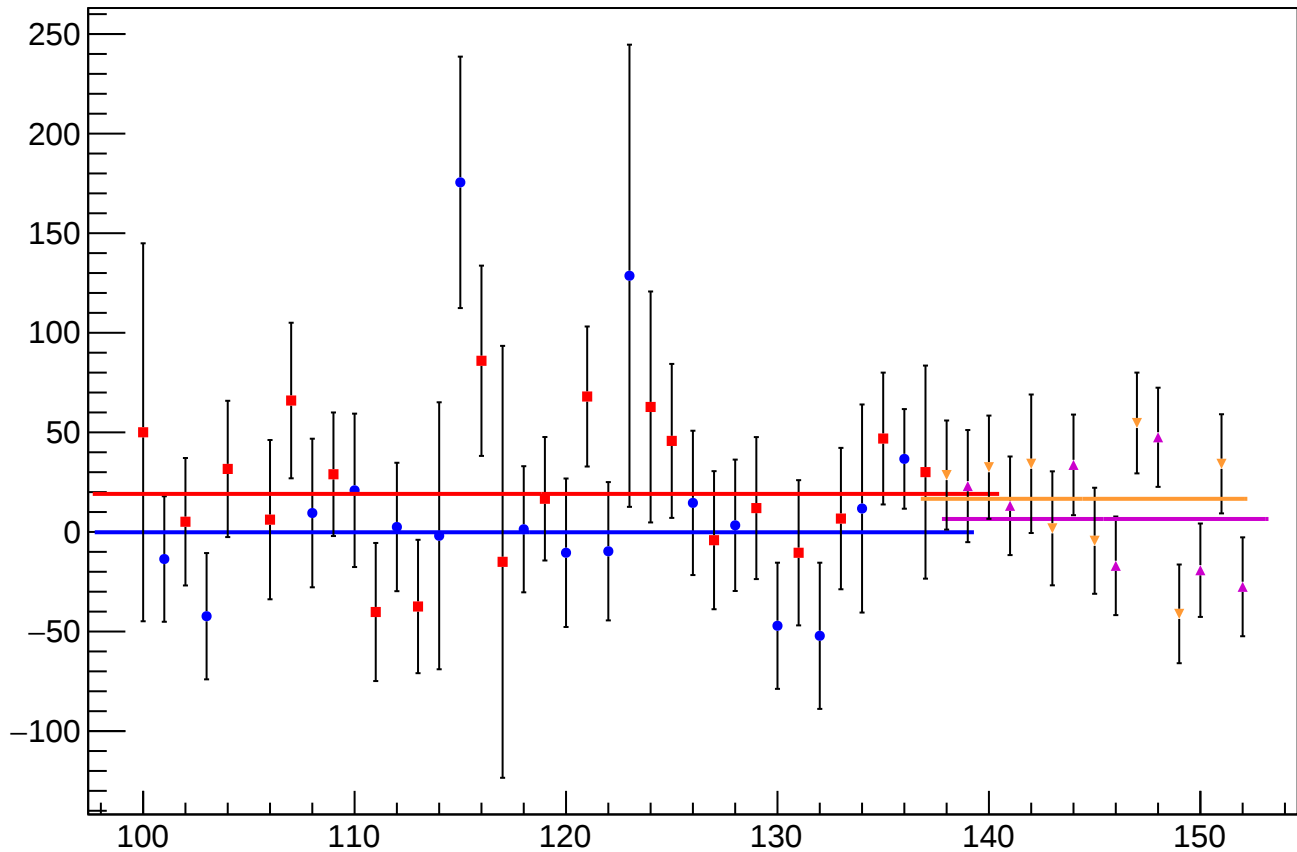
Left In: 221.786 $\pm$ 0.070 χ^2/NDF : 483464.4/6

216.930 $\pm$ 0.046 χ^2/NDF : 1913721.2/24

202.191 $\pm$ 0.030 χ^2/NDF : 4414731.5/51

190.542 $\pm$ 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: 16.635 ± 9.498 χ^2/NDF : 9.9/7

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

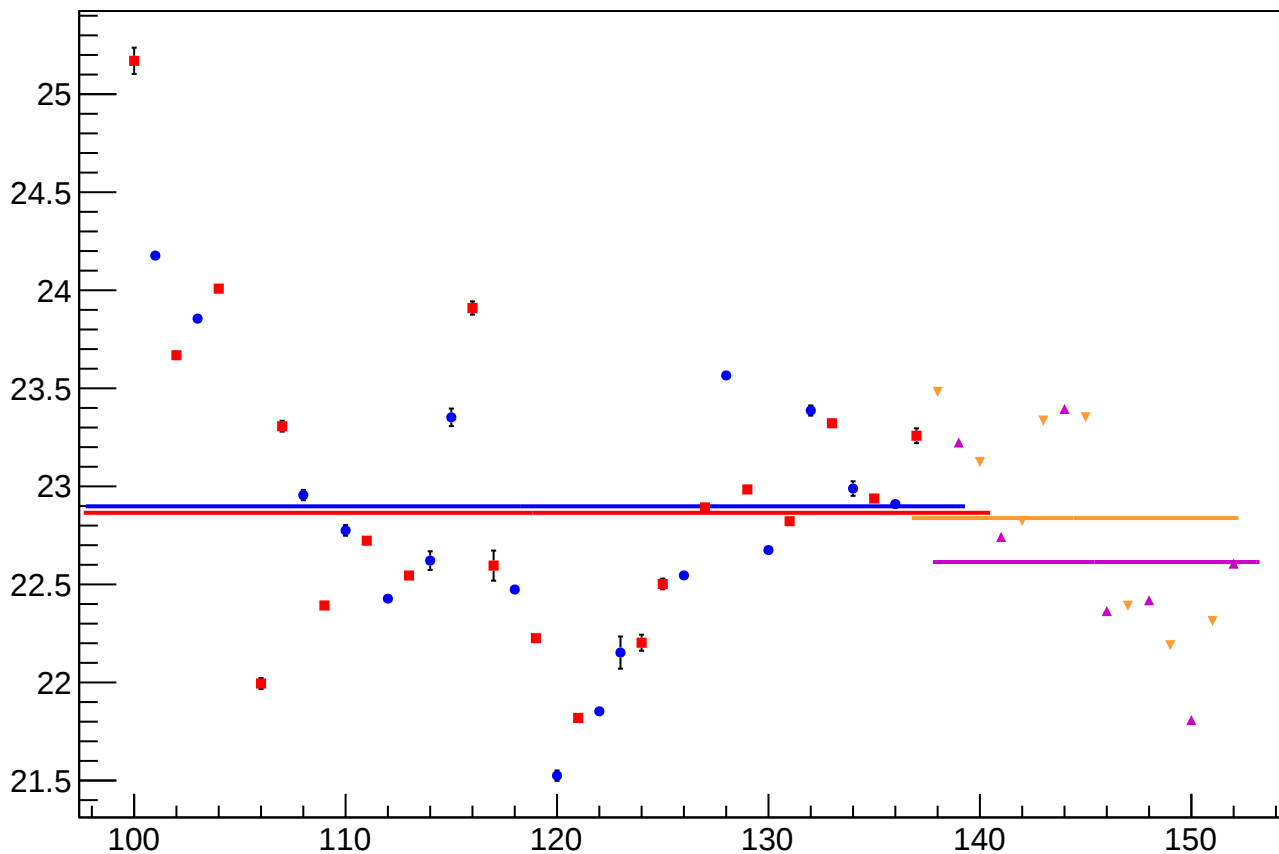
Left In: 6.514 ± 9.472 χ^2/NDF : 8.3/6

7.623 ± 6.466 χ^2/NDF : 29.6/24

10.604 ± 4.526 χ^2/NDF : 54.2/51

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+/-0.006 χ^2/NDF : 12143.3/16

Left Out: 22.838+/-0.007 χ^2/NDF : 5577.9/7

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

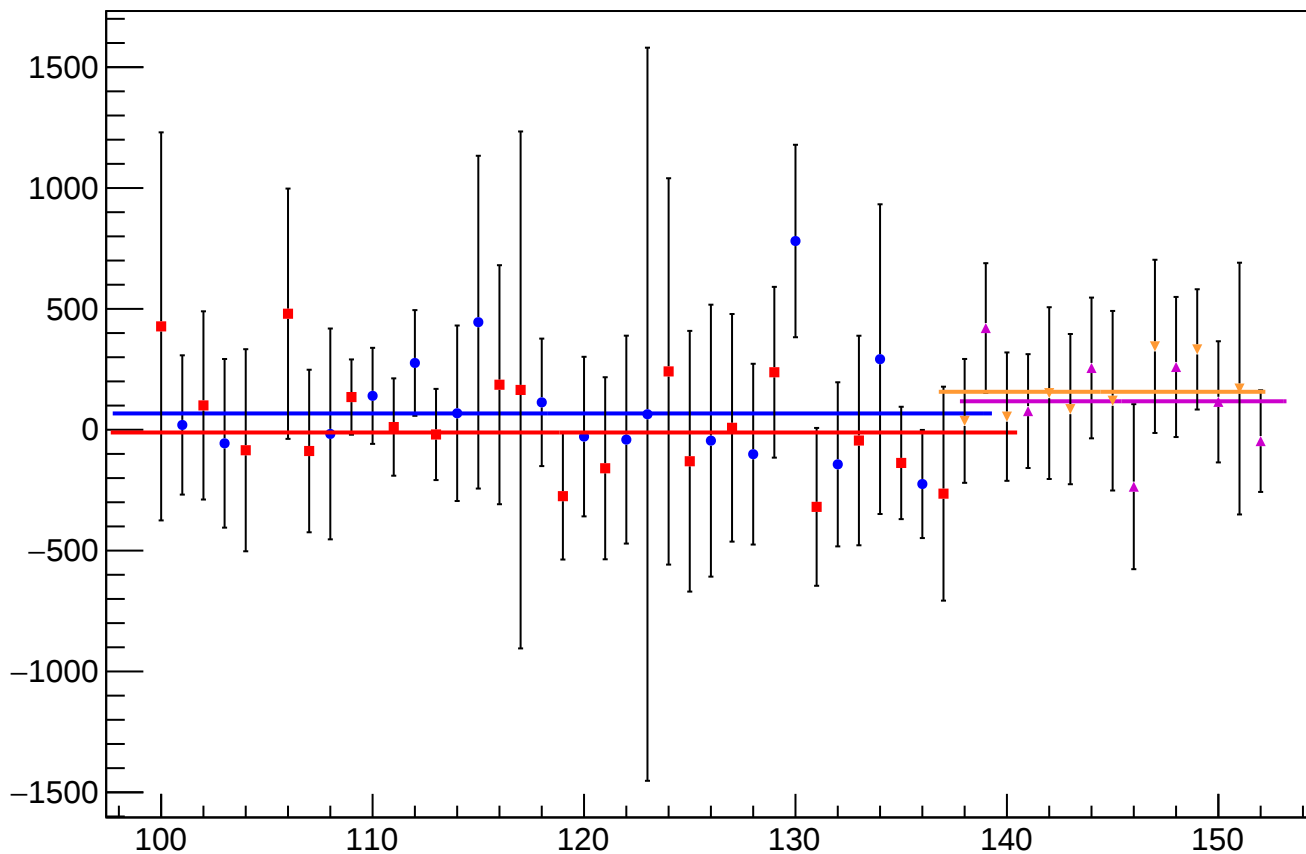
Left In: 22.614+/-0.007 χ^2/NDF : 5591.0/6

22.871+/-0.005 χ^2/NDF : 17764.1/24

22.811+/-0.003 χ^2/NDF : 35529.8/51

22.753+/-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: 157.046+/-110.047 χ^2/NDF : 1.2/7

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

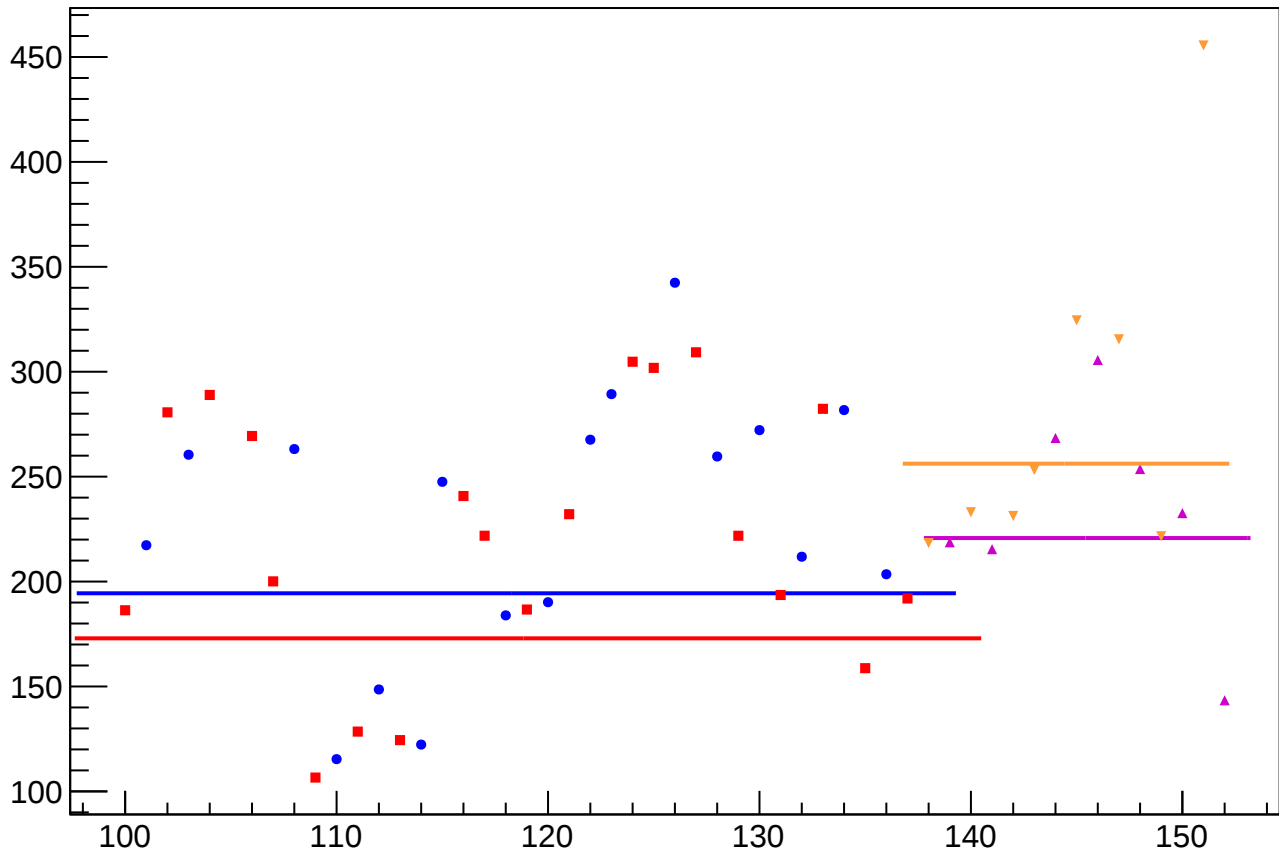
Left In: 117.761+/-98.665 χ^2/NDF : 3.5/6

98.125+/-64.392 χ^2/NDF : 9.0/24

61.189+/-42.765 χ^2/NDF : 20.0/51

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: 256.184 $\pm$ 0.078 χ^2 /NDF: 522823.9/7

Right Out: 172.942 $\pm$ 0.050 χ^2 /NDF: 1600959.1/19

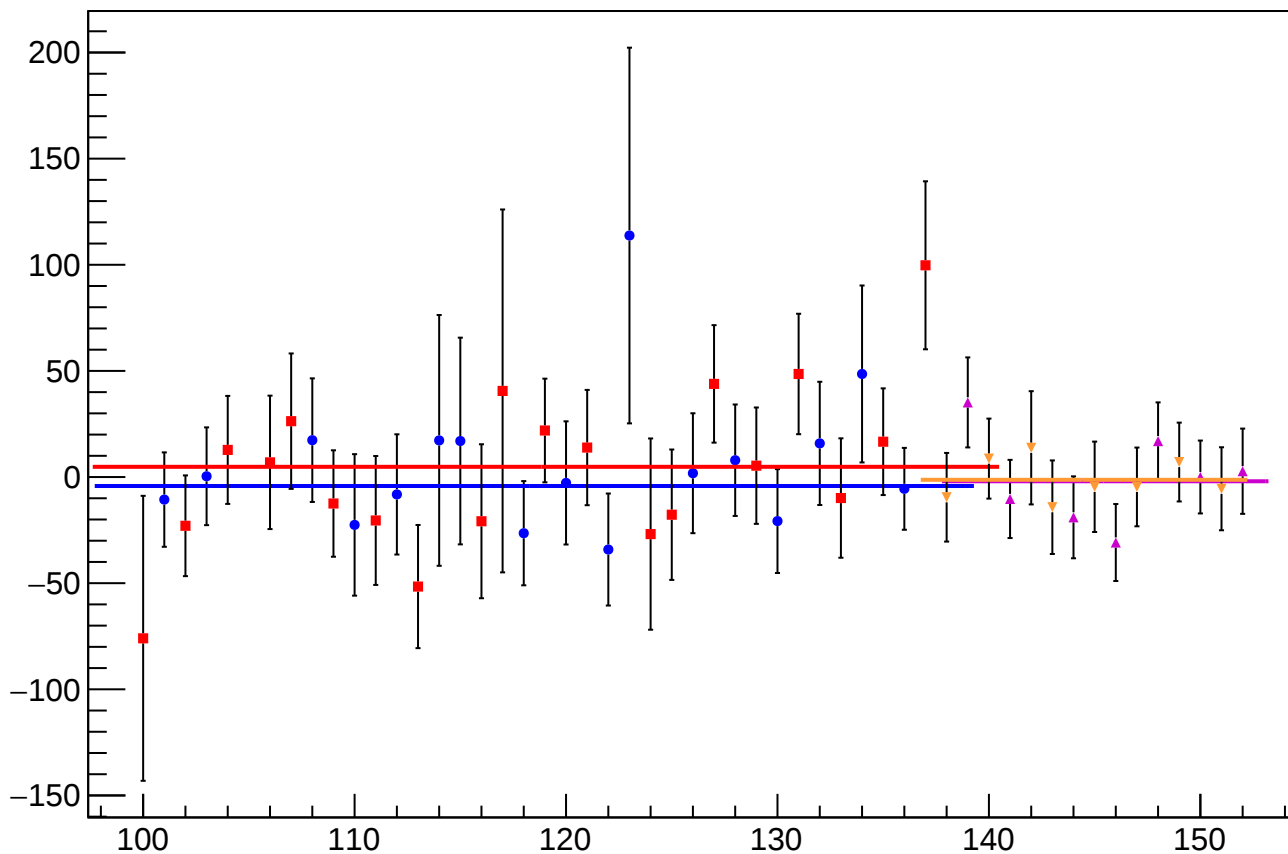
Left In: 220.738 $\pm$ 0.070 χ^2 /NDF: 478954.7/6

215.560 $\pm$ 0.046 χ^2 /NDF: 1957166.8/24

200.719 $\pm$ 0.030 χ^2 /NDF: 4538763.2/51

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 χ^2/NDF : 8.0/16

Left Out: -1.298 ± 7.216 χ^2/NDF : 1.4/7

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

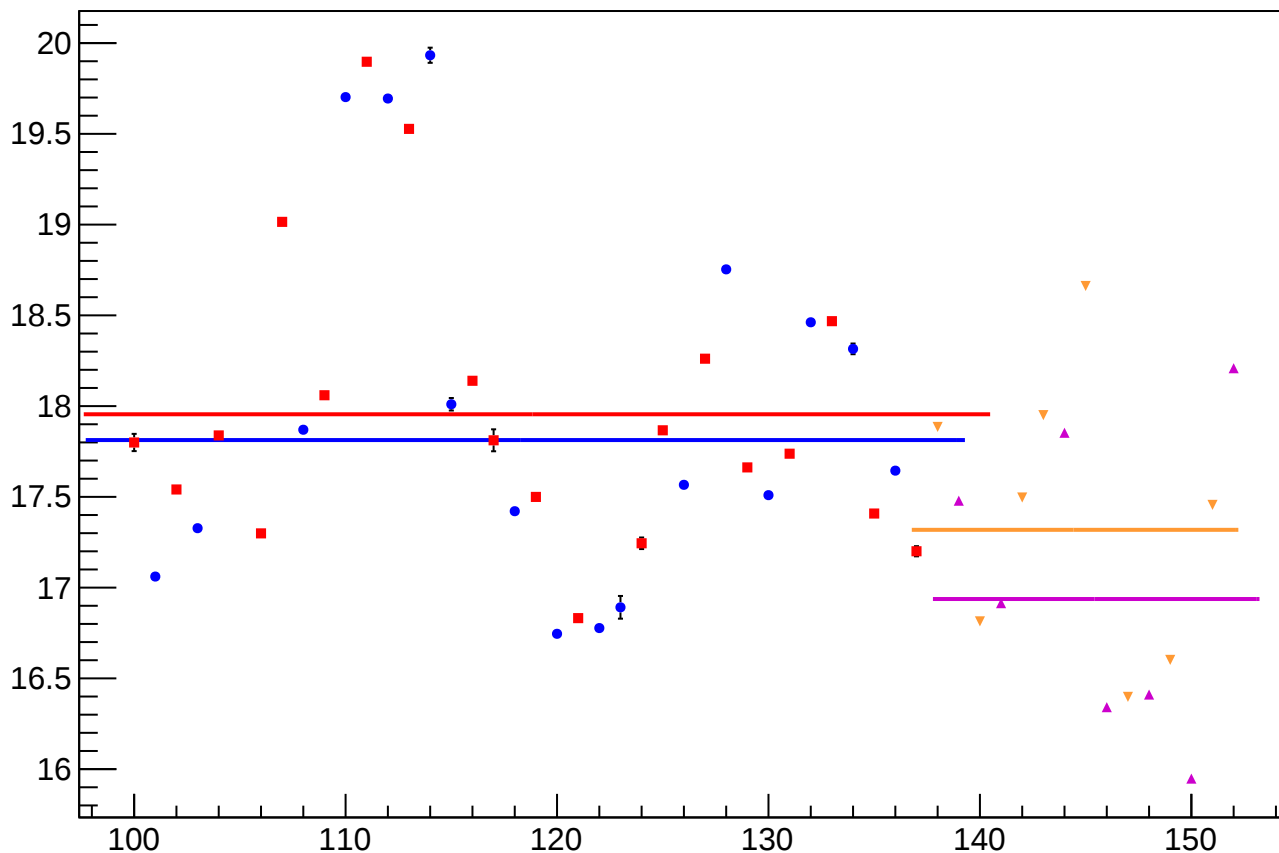
Left In: -1.992 ± 7.111 χ^2/NDF : 7.7/6

-2.832 ± 4.976 χ^2/NDF : 9.5/24

-0.564 ± 3.484 χ^2/NDF : 39.4/51

1.614 ± 4.878 χ^2/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: 17.318 $\pm$ 0.005 χ^2 /NDF: 20603.3/7

Right Out: 17.955 $\pm$ 0.005 χ^2 /NDF: 25451.0/19

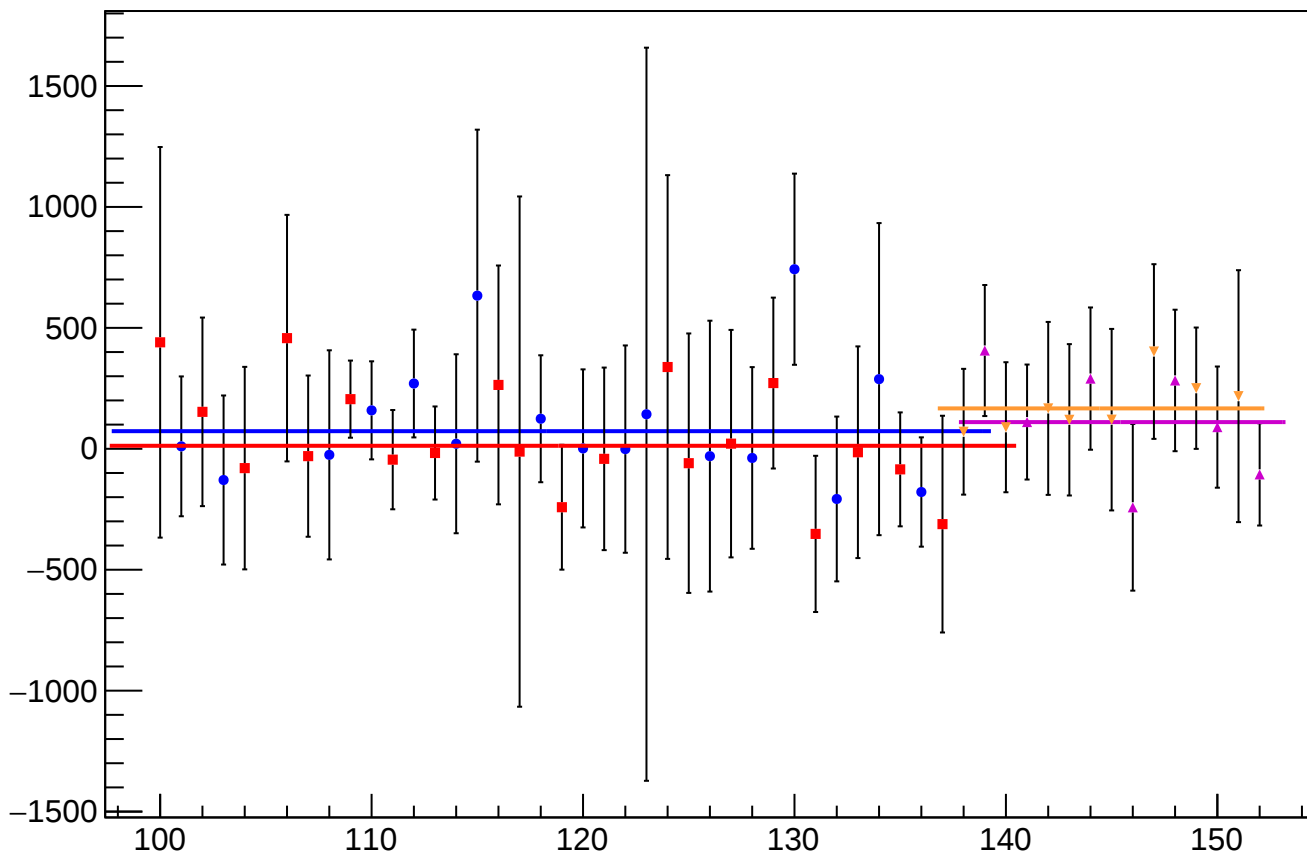
Left In: 16.937 $\pm$ 0.005 χ^2 /NDF: 24299.6/6

17.578 $\pm$ 0.004 χ^2 /NDF: 57564.2/24

17.526 $\pm$ 0.002 χ^2 /NDF: 129434.1/51

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: 167.025 $\pm$ 111.102 χ^2 /NDF: 0.8/7

Right Out: 12.456 $\pm$ 70.853 χ^2 /NDF: 6.7/19

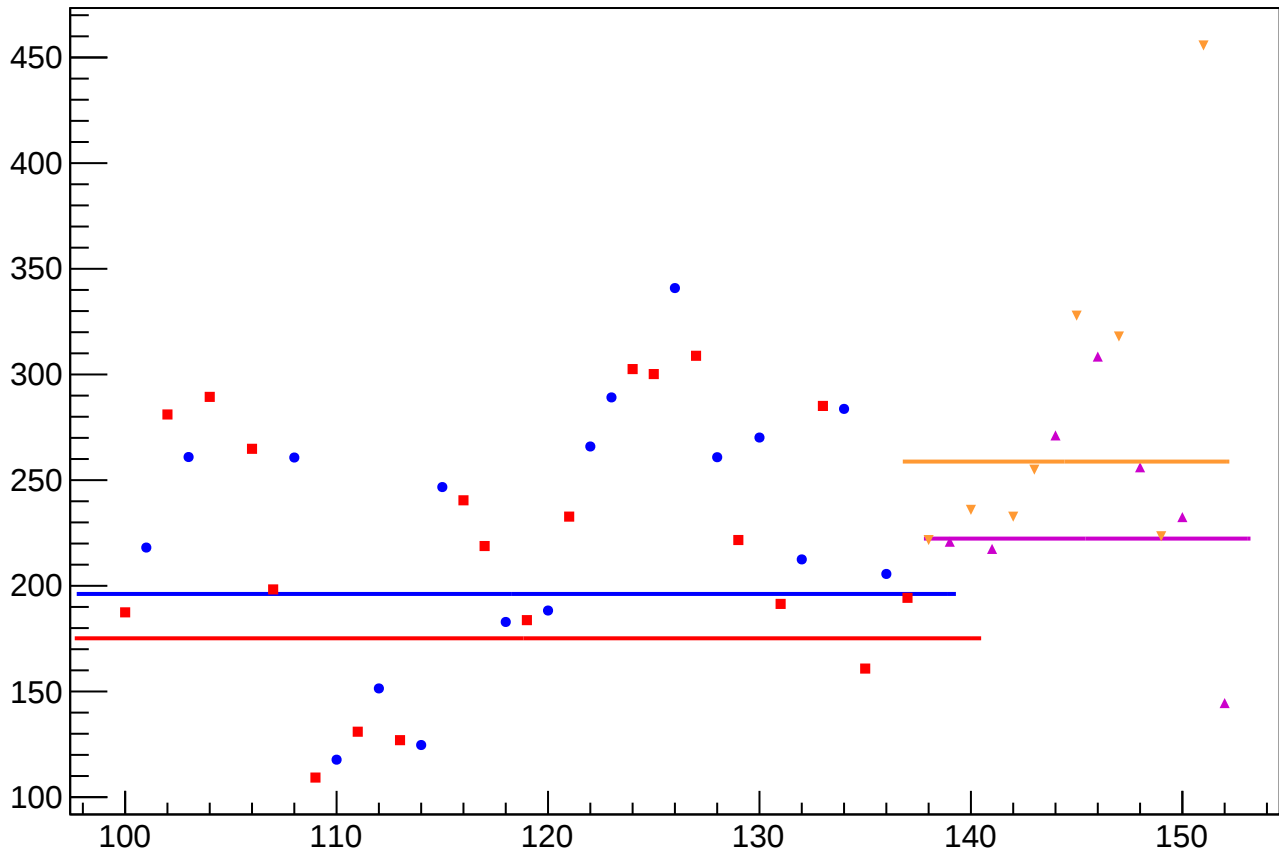
Left In: 110.366 $\pm$ 99.365 χ^2 /NDF: 4.0/6

105.003 $\pm$ 64.893 χ^2 /NDF: 8.5/24

71.743 $\pm$ 43.115 χ^2 /NDF: 20.4/51

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: 258.787 $\pm$ 0.079 χ^2 /NDF: 513158.3/7

Right Out: 175.163 $\pm$ 0.050 χ^2 /NDF: 1514398.4/19

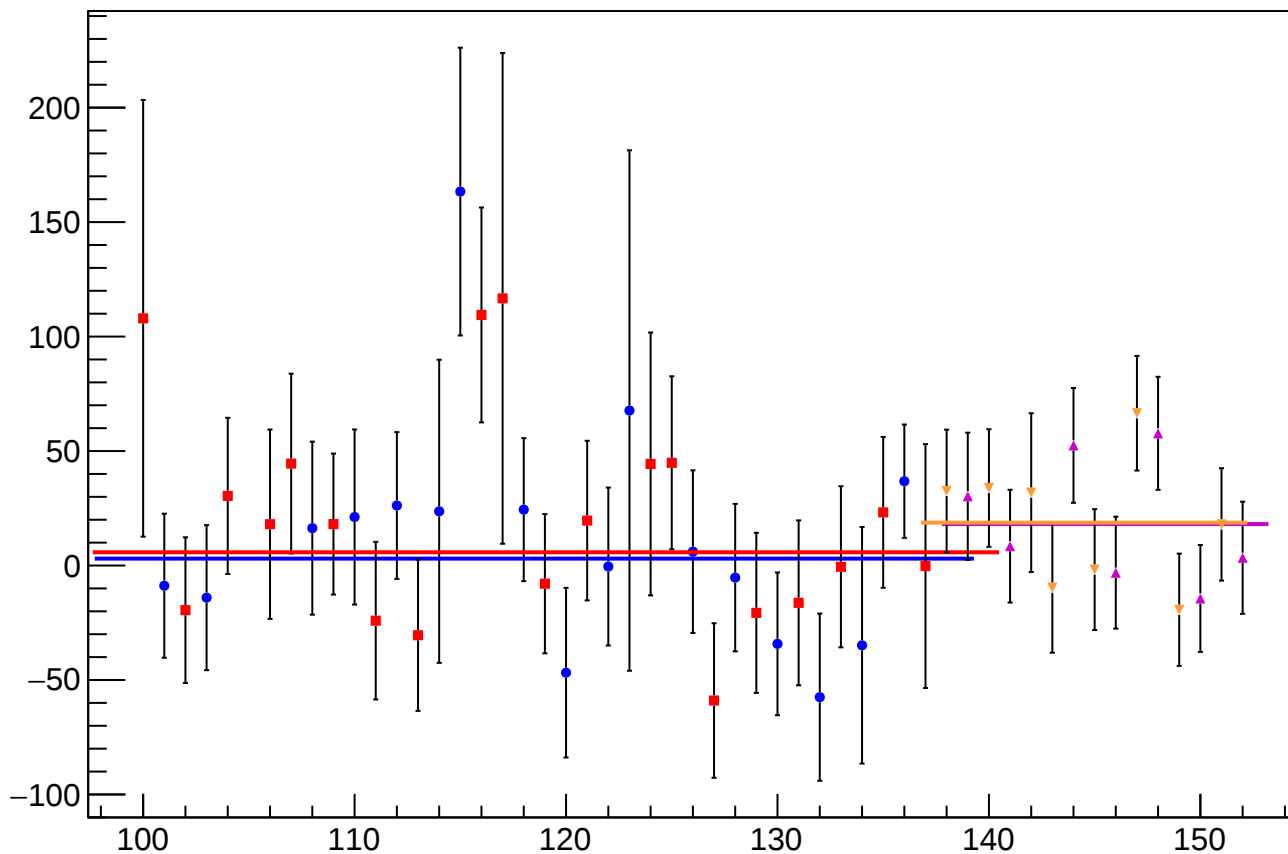
Left In: 222.342 $\pm$ 0.070 χ^2 /NDF: 481722.0/6

217.520 $\pm$ 0.046 χ^2 /NDF: 1896962.5/24

202.743 $\pm$ 0.030 χ^2 /NDF: 4377648.3/51

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: 18.735 ± 9.394 $\chi^2/\text{NDF}: 8.4/7$

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

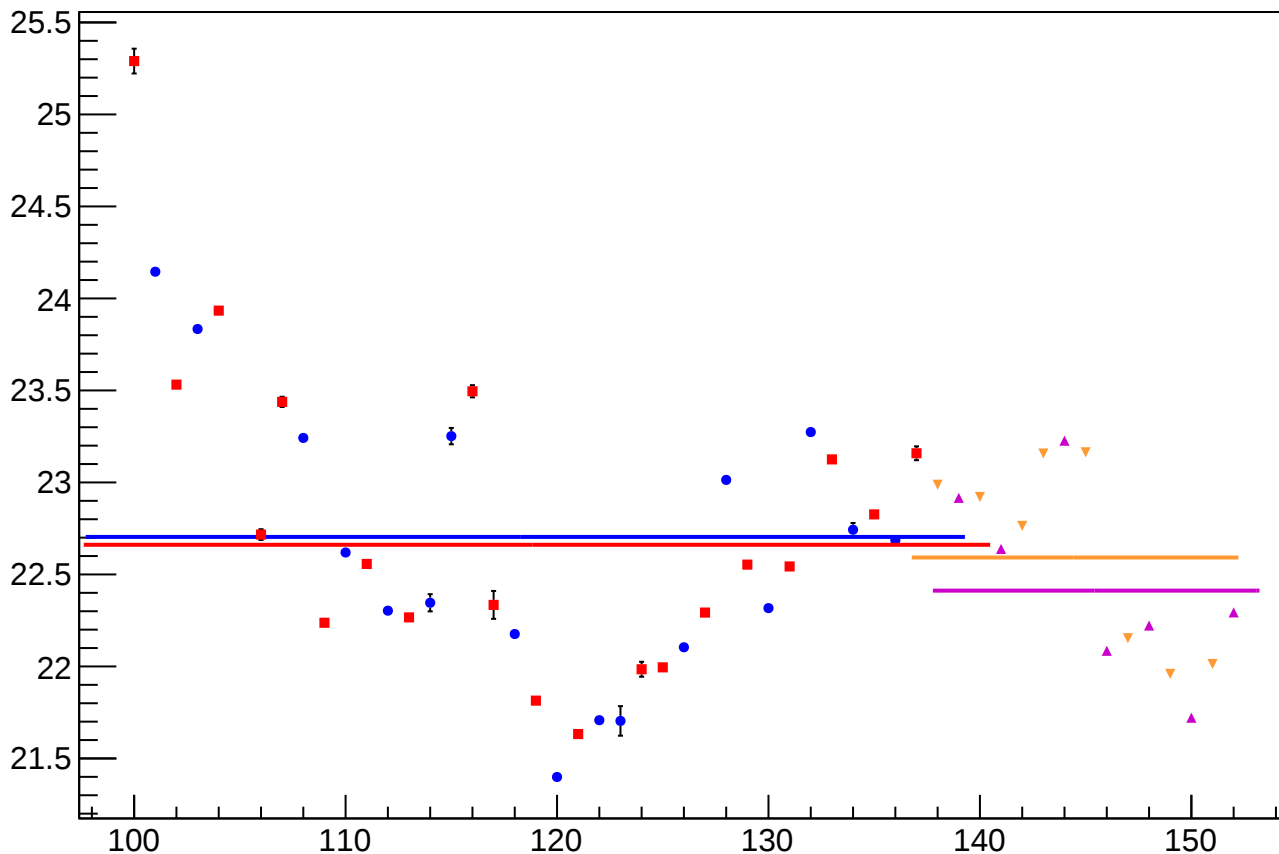
Left In: 18.103 ± 9.386 $\chi^2/\text{NDF}: 7.9/6$

10.322 ± 6.403 $\chi^2/\text{NDF}: 27.1/24$

10.821 ± 4.484 $\chi^2/\text{NDF}: 54.2/51$

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+/-0.006 χ^2/NDF : 14105.8/16

Left Out: 22.592+/-0.007 χ^2/NDF : 5598.7/7

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

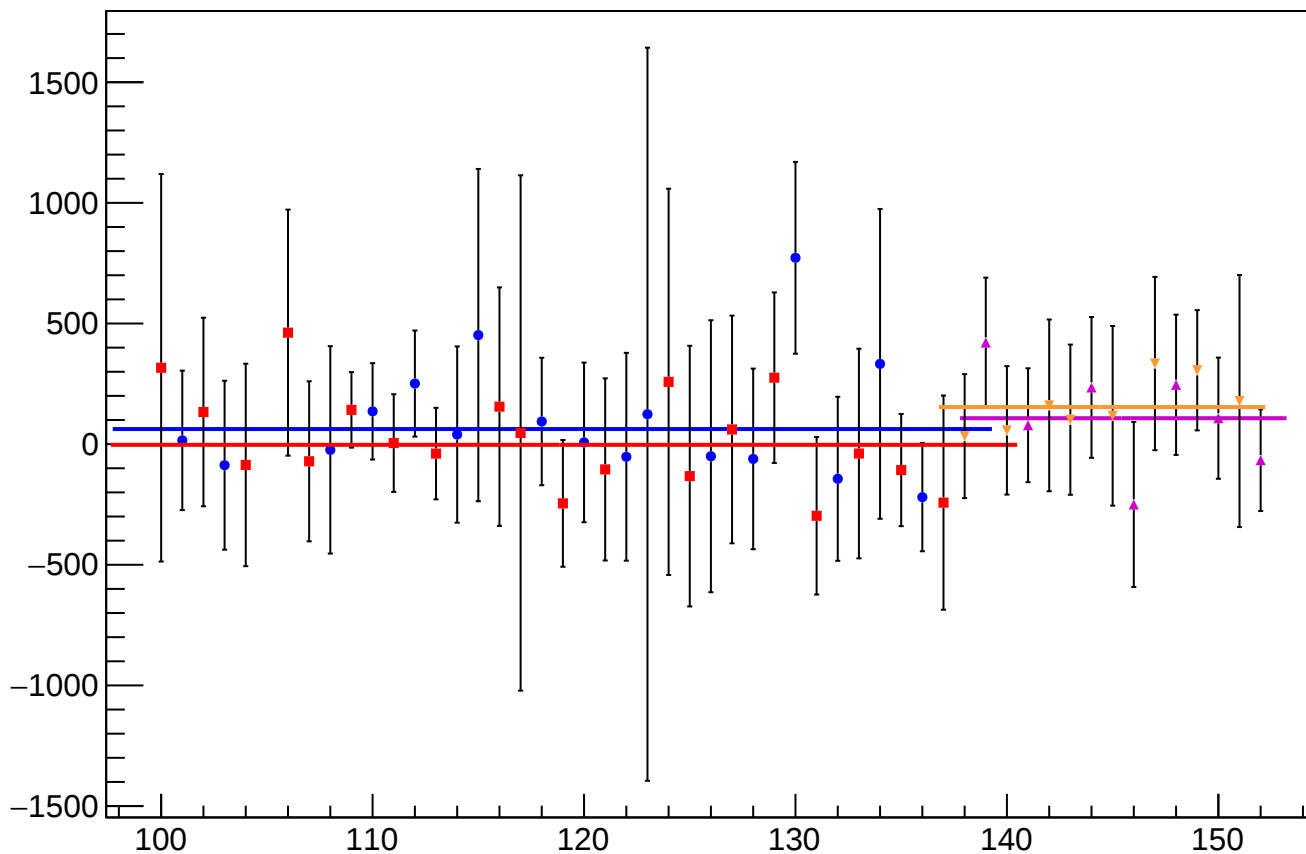
Left In: 22.412+/-0.007 χ^2/NDF : 5211.4/6

22.652+/-0.005 χ^2/NDF : 19856.4/24

22.600+/-0.003 χ^2/NDF : 39067.8/51

22.550+/-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 $\pm$ 79.605 χ^2 /NDF: 7.0/16

Left Out: 153.825 $\pm$ 110.285 χ^2 /NDF:1.0/7

Right Out: -2.824 $\pm$ 70.364 χ^2 /NDF: 5.2/19

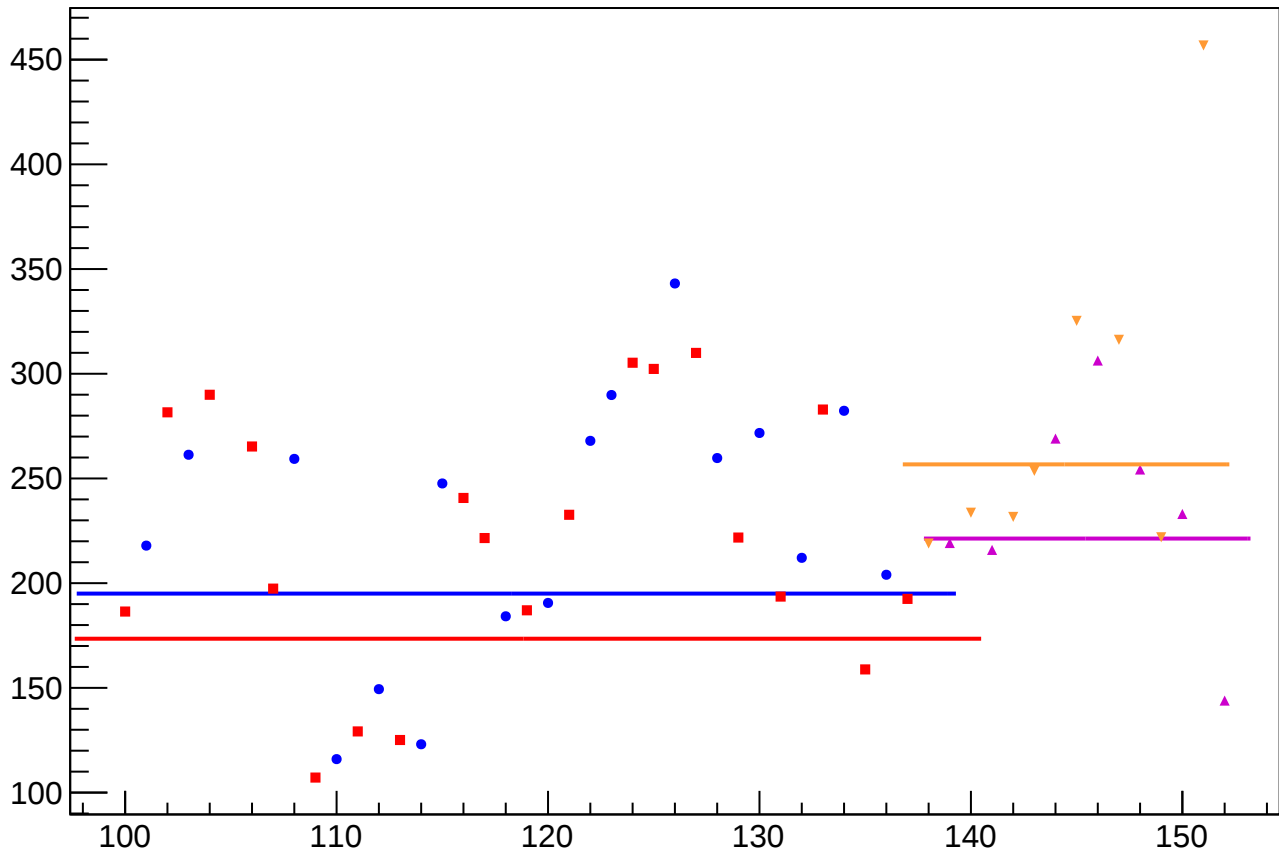
Left In: 107.484 $\pm$ 98.905 χ^2 /NDF:3.6/6

93.831 $\pm$ 64.546 χ^2 /NDF: 8.5/24

60.524 $\pm$ 42.866 χ^2 /NDF: 18.6/51

34.244 $\pm$ 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 $\pm$ 0.056 χ^2/NDF : 1004284.9/16

Left Out: 256.728 $\pm$ 0.078 χ^2/NDF : 523613.9/7

Right Out: 173.471 $\pm$ 0.050 χ^2/NDF : 1582273.4/19

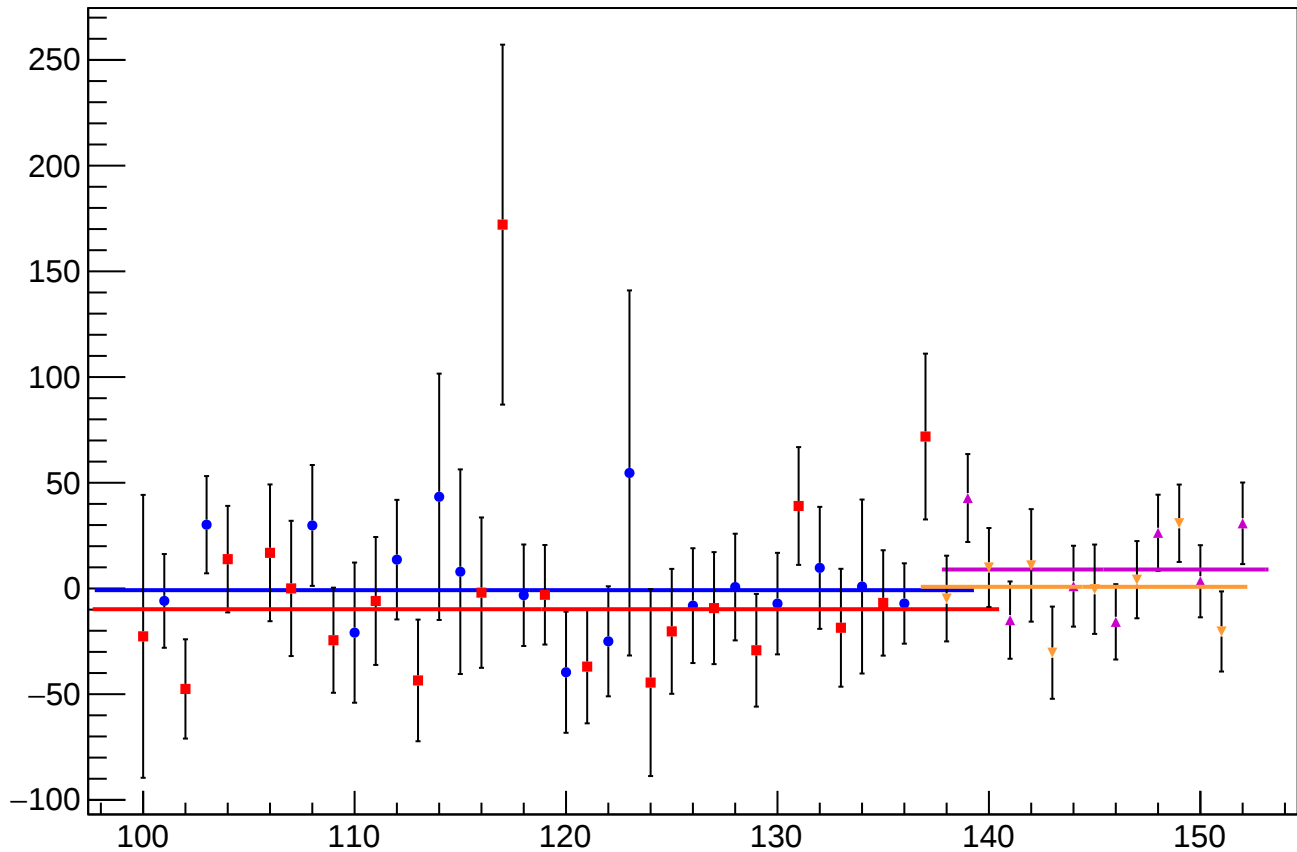
Left In: 221.299 $\pm$ 0.070 χ^2/NDF : 477116.4/6

216.159 $\pm$ 0.046 χ^2/NDF : 1939539.4/24

201.282 $\pm$ 0.030 χ^2/NDF : 4499521.7/51

189.544 $\pm$ 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: 0.782±/7.102 χ^2/NDF : 6.5/7

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

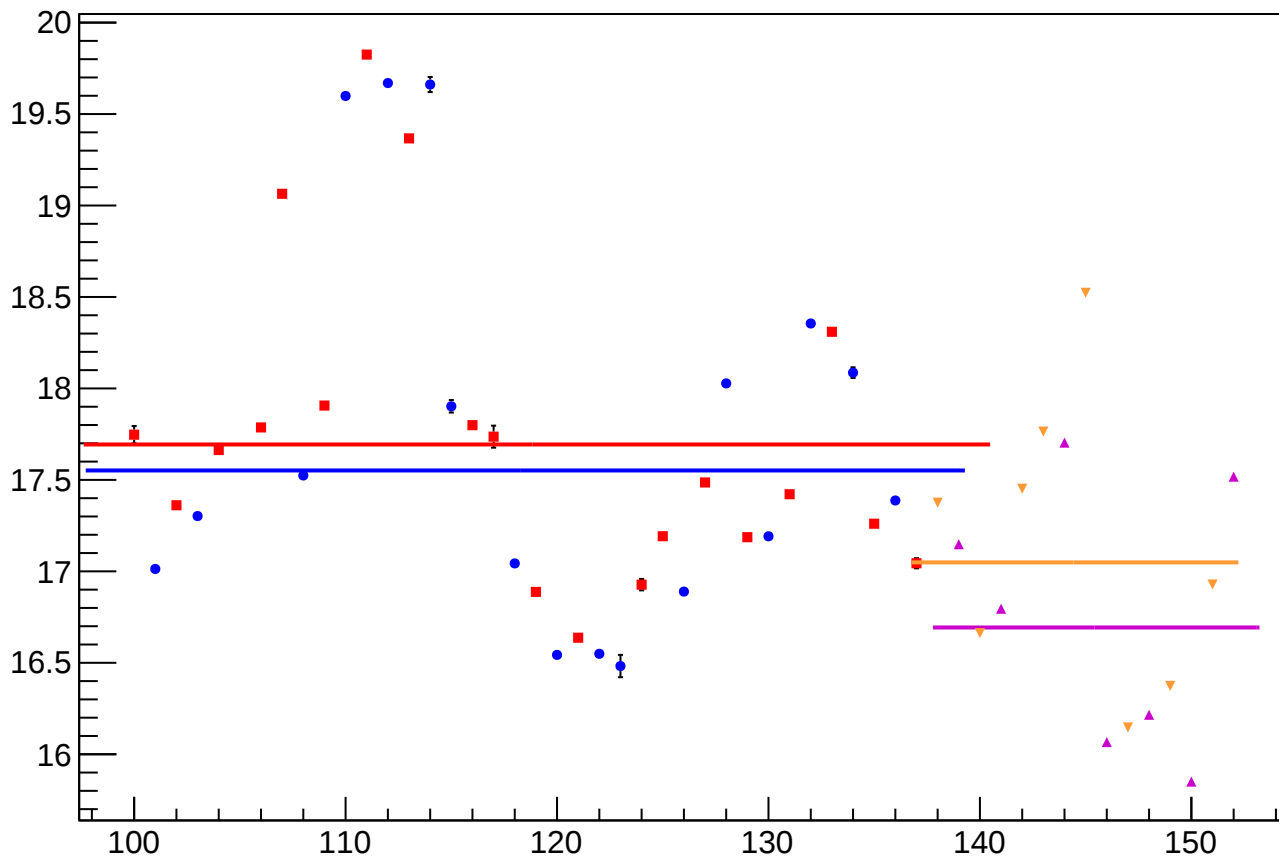
Left In: 8.974±/7.004 χ^2/NDF : 8.8/6

-0.047±/4.900 χ^2/NDF : 14.3/24

-0.516±/3.431 χ^2/NDF : 47.4/51

-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: 17.049 $\pm$ 0.005 χ^2 /NDF:21402.3/7

Right Out: 17.694 $\pm$ 0.005 χ^2 /NDF: 30742.5/19

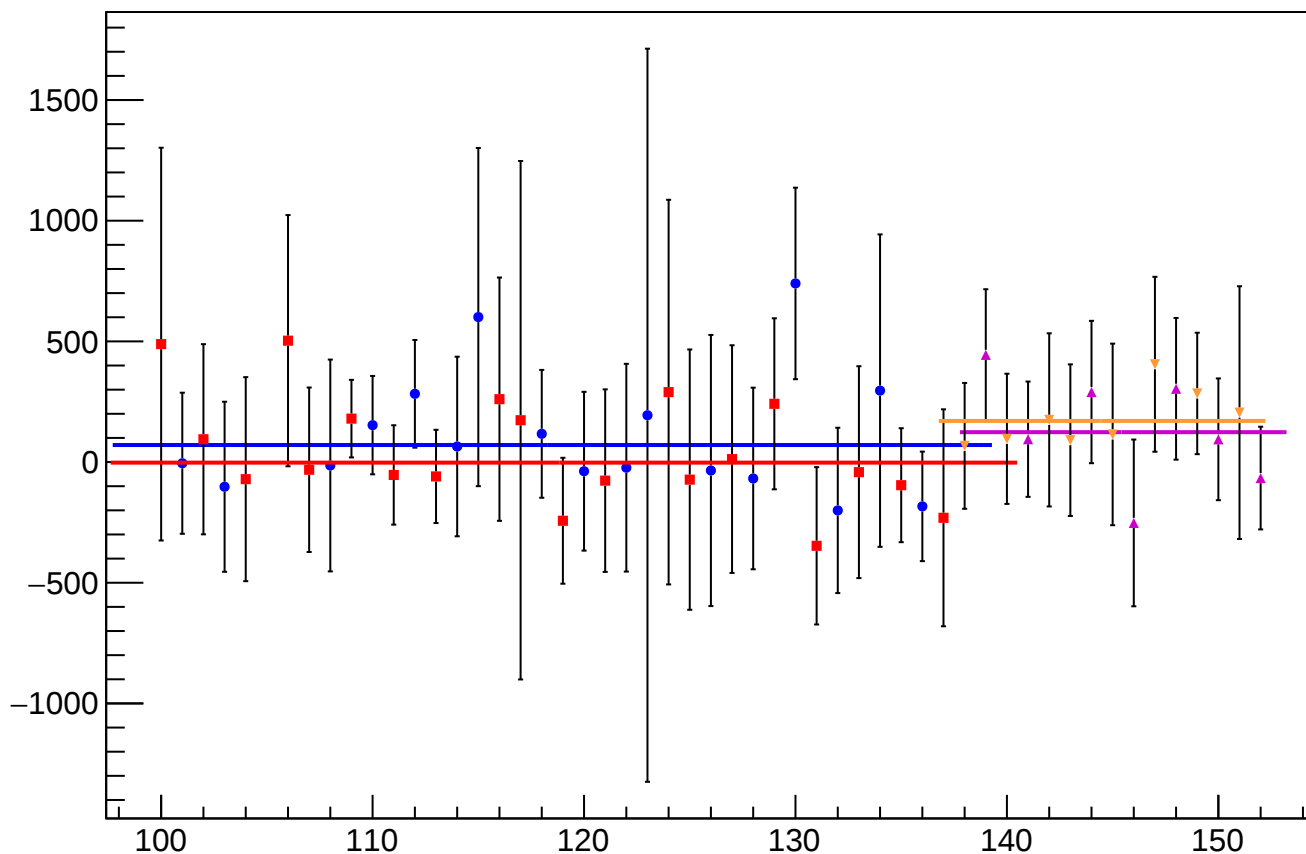
Left In: 16.693 $\pm$ 0.005 χ^2 /NDF:19004.9/6

17.312 $\pm$ 0.003 χ^2 /NDF: 60675.8/24

17.267 $\pm$ 0.002 χ^2 /NDF: 132359.4/51

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+/-80.409 χ^2/NDF : 7.2/16

Left Out: 170.509+/-111.465 χ^2/NDF : 0.9/7

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

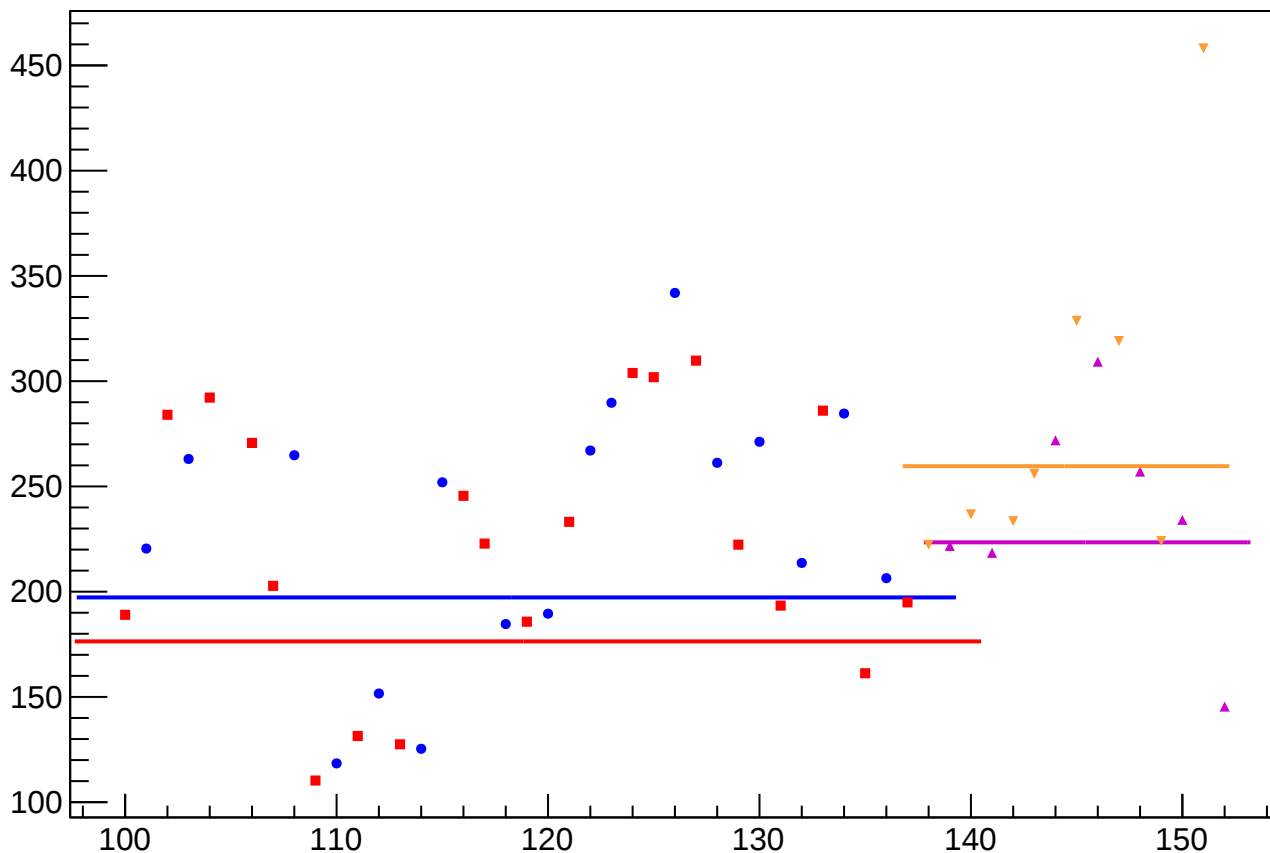
Left In: 123.860+/-99.831 χ^2/NDF : 4.1/6

104.819+/-65.212 χ^2/NDF : 8.7/24

68.858+/-43.359 χ^2/NDF : 20.6/51

40.365+/-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 $\pm$ 0.057 χ^2 /NDF: 969549.7/16

Left Out: 259.616 $\pm$ 0.079 χ^2 /NDF: 514581.3/7

Right Out: 176.387 $\pm$ 0.050 χ^2 /NDF: 1523467.7/19

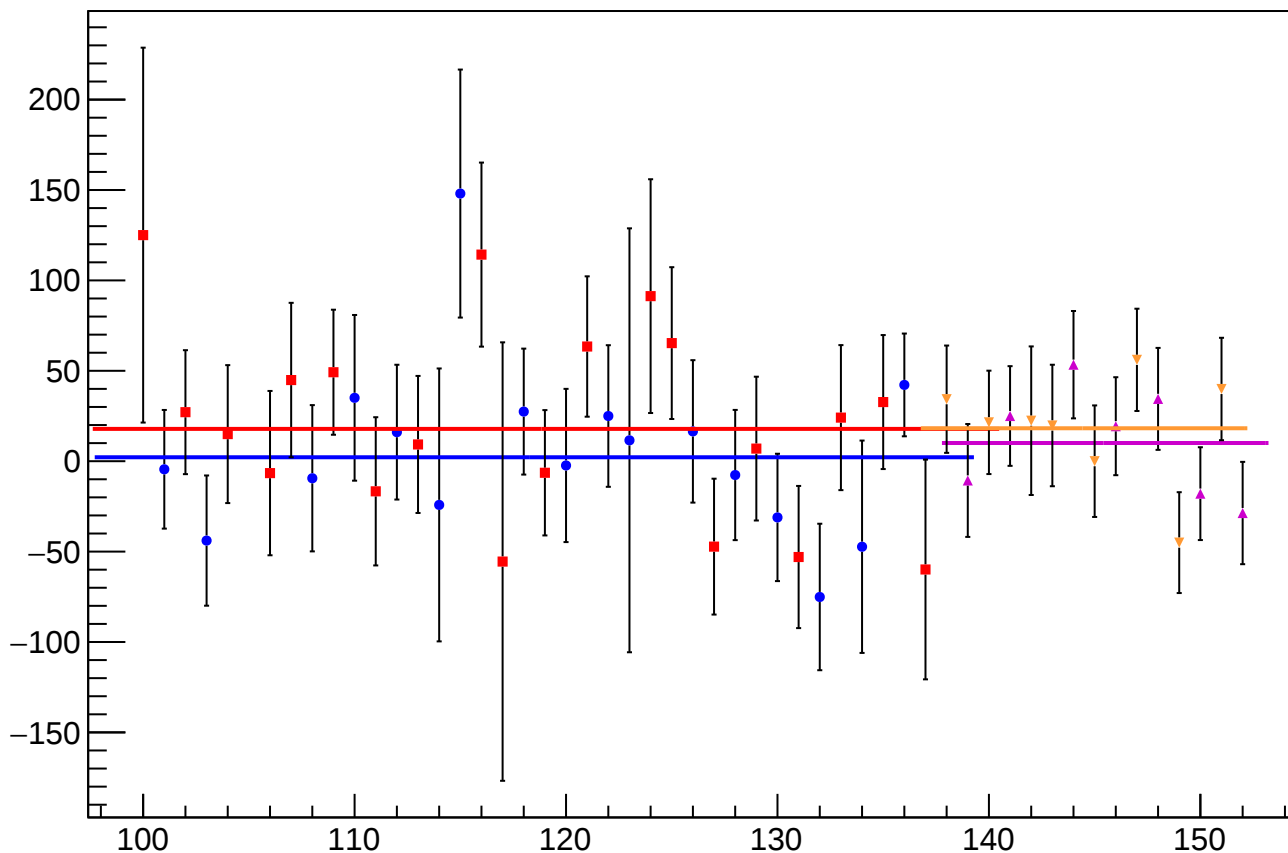
Left In: 223.448 $\pm$ 0.071 χ^2 /NDF: 477175.4/6

218.610 $\pm$ 0.046 χ^2 /NDF: 1895661.9/24

203.930 $\pm$ 0.031 χ^2 /NDF: 4372152.8/51

192.298 $\pm$ 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 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 18.217 ± 10.740 $\chi^2/\text{NDF}: 8.2/7$

Right Out: 17.869 ± 9.468 $\chi^2/\text{NDF}: 20.0/19$

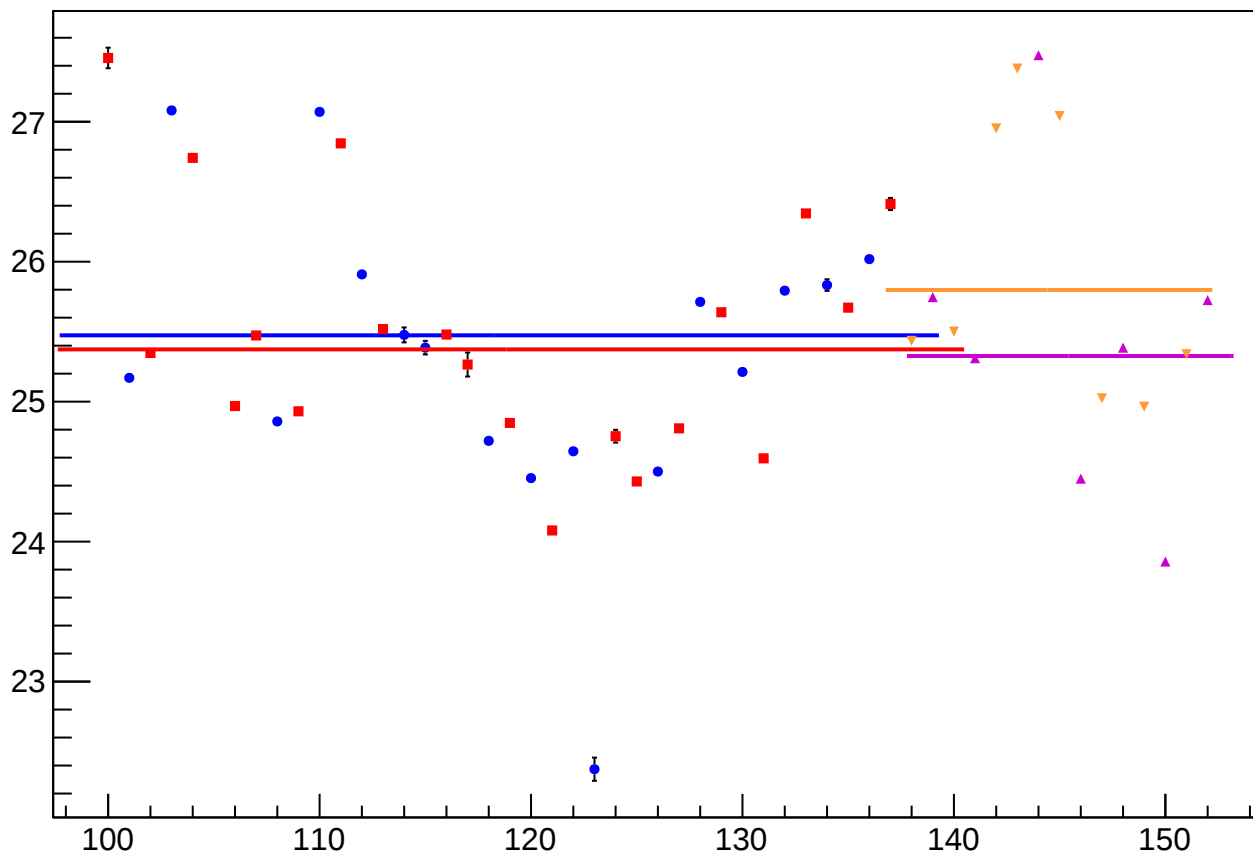
Left In: 10.066 ± 10.623 $\chi^2/\text{NDF}: 6.8/6$

9.485 ± 7.249 $\chi^2/\text{NDF}: 24.8/24$

12.012 ± 5.061 $\chi^2/\text{NDF}: 52.1/51$

14.415 ± 7.068 $\chi^2/\text{NDF}: 27.0/26$

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: 25.798 $\pm$ 0.008 χ^2 /NDF:13585.4/7

Right Out: 25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

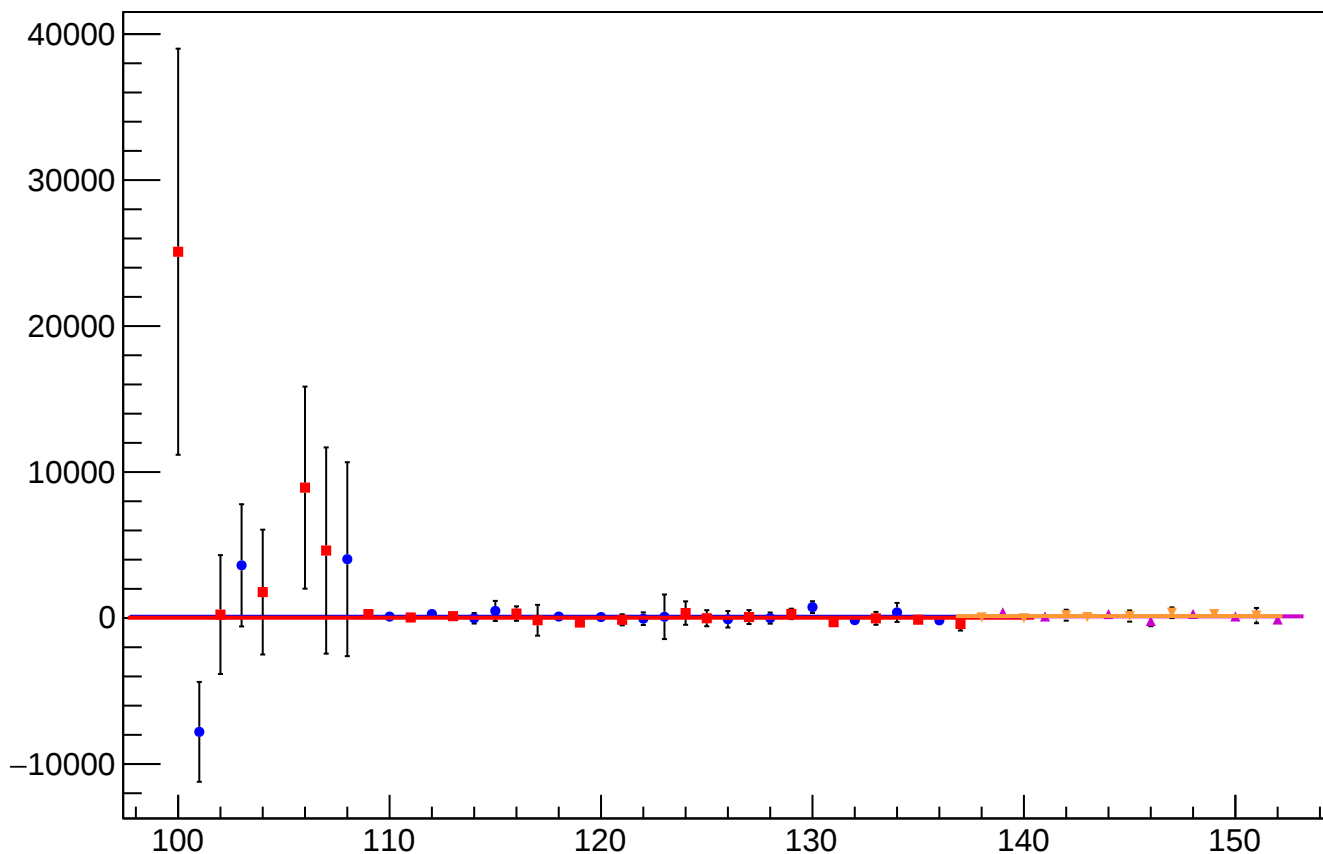
Left In: 25.326 $\pm$ 0.008 χ^2 /NDF:19885.7/6

25.622 $\pm$ 0.005 χ^2 /NDF: 28638.5/24

25.484 $\pm$ 0.004 χ^2 /NDF: 63542.9/51

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: 137.577+/-112.821 χ^2/NDF : 1.2/7

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

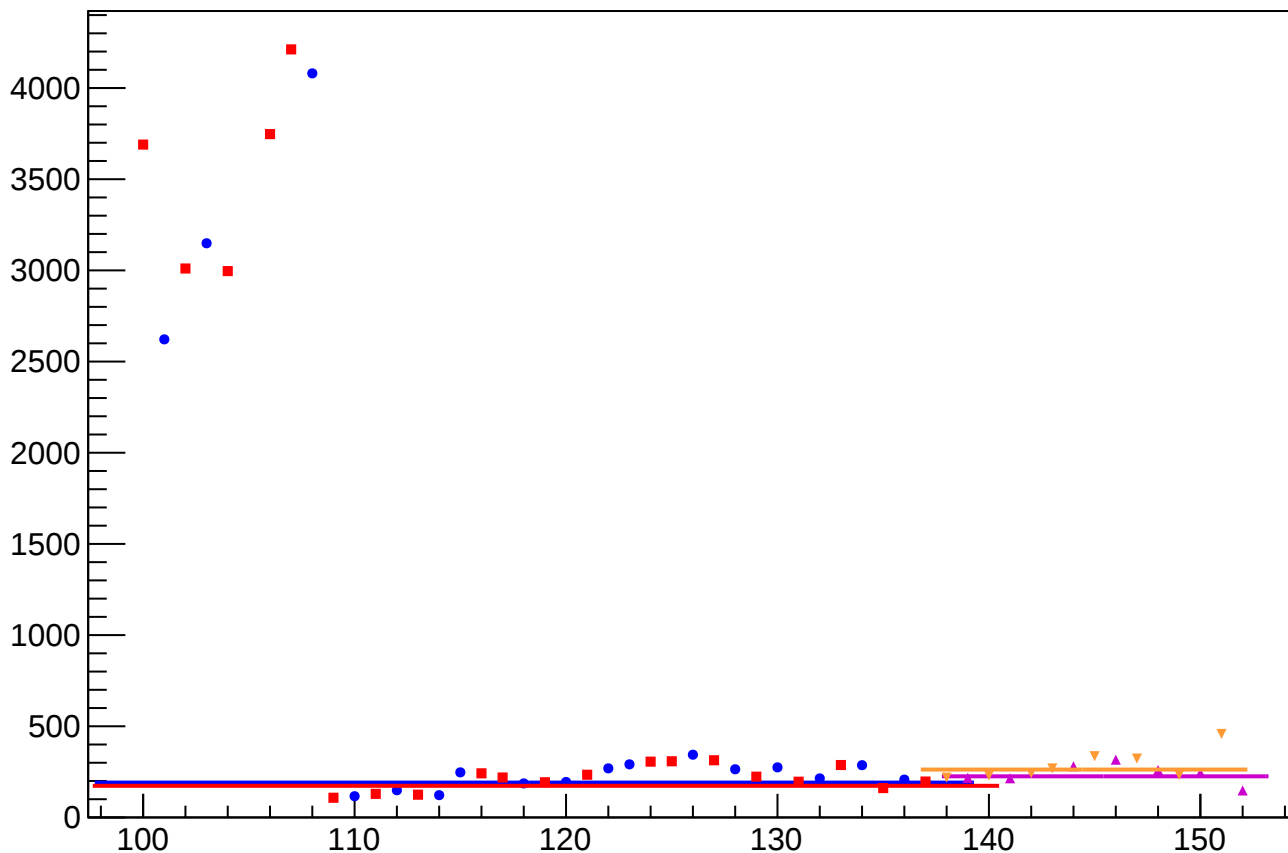
Left In: 116.135+/-100.834 χ^2/NDF : 3.5/6

107.664+/-69.207 χ^2/NDF : 13.6/24

80.770+/-46.584 χ^2/NDF : 29.8/51

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: 262.668 $\pm$ 0.080 χ^2 /NDF: 528625.3/7

Right Out: 173.536 $\pm$ 0.057 χ^2 /NDF: 4210933.2/19

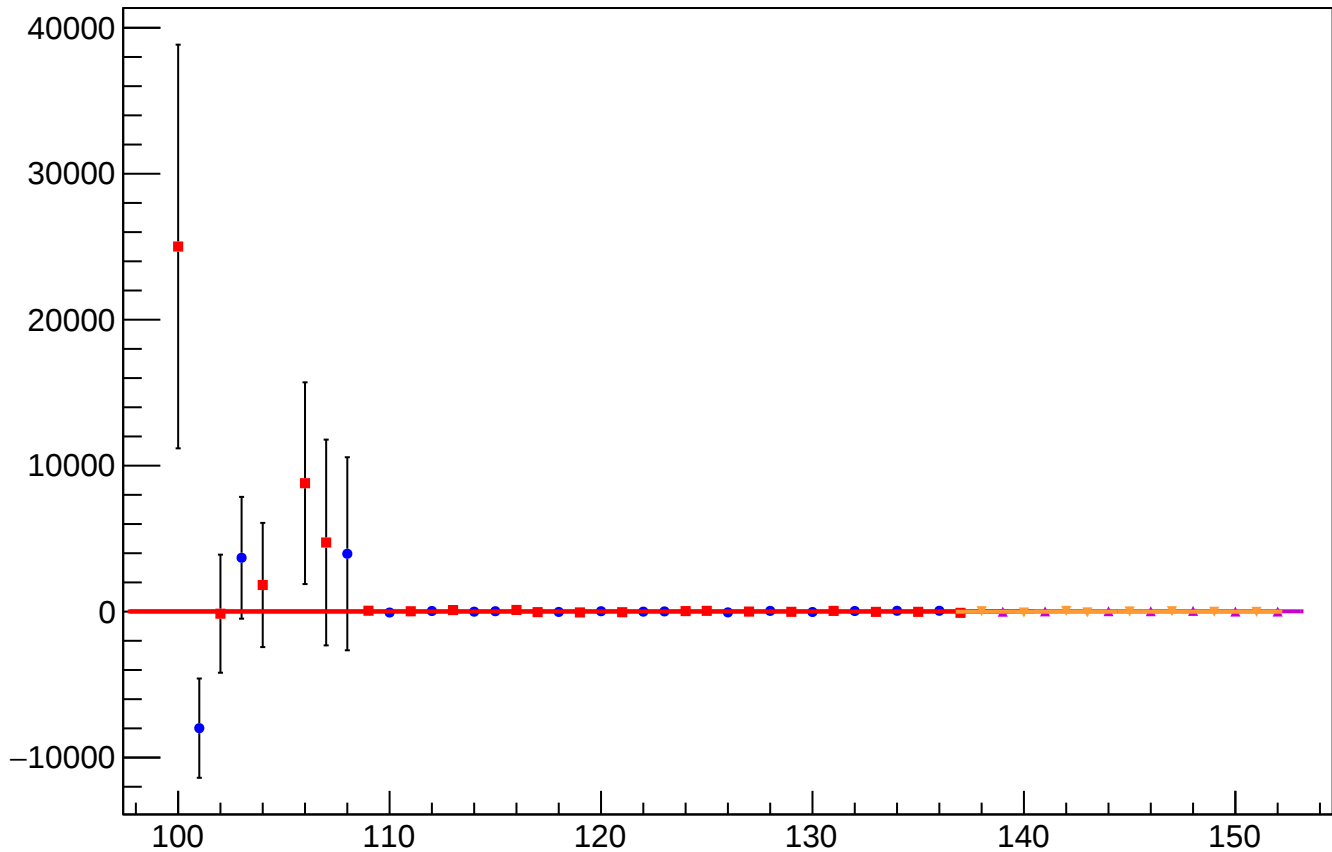
Left In: 225.572 $\pm$ 0.071 χ^2 /NDF: 501582.6/6

218.086 $\pm$ 0.049 χ^2 /NDF: 4601077.0/24

204.826 $\pm$ 0.033 χ^2 /NDF: 9772595.4/51

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: -6.712+/-12.466 χ^2/NDF : 8.0/7

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

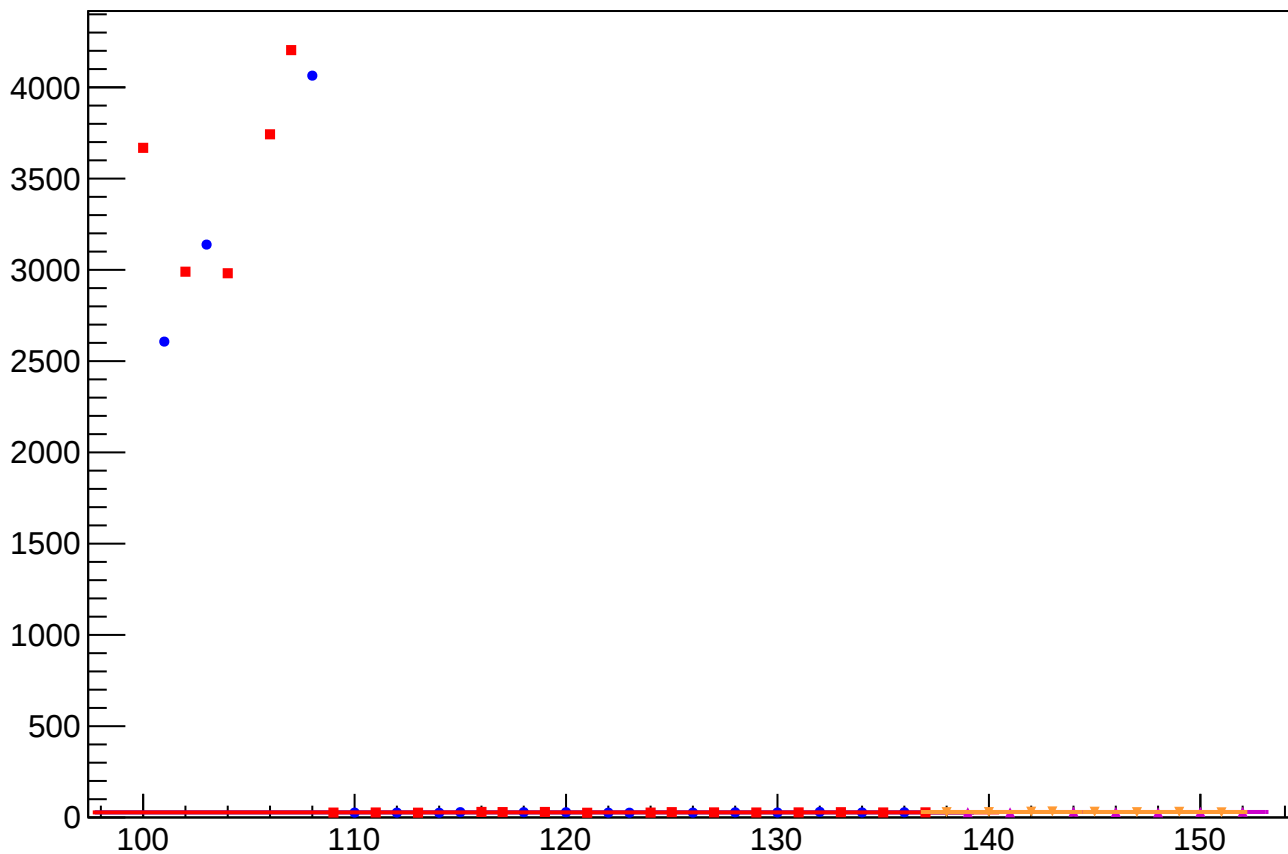
Left In: 20.708+/-12.610 χ^2/NDF : 1.9/6

2.035+/-8.716 χ^2/NDF : 27.2/24

9.230+/-6.179 χ^2/NDF : 55.3/51

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: 29.878+/-0.009 χ^2/NDF : 29315.3/7

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

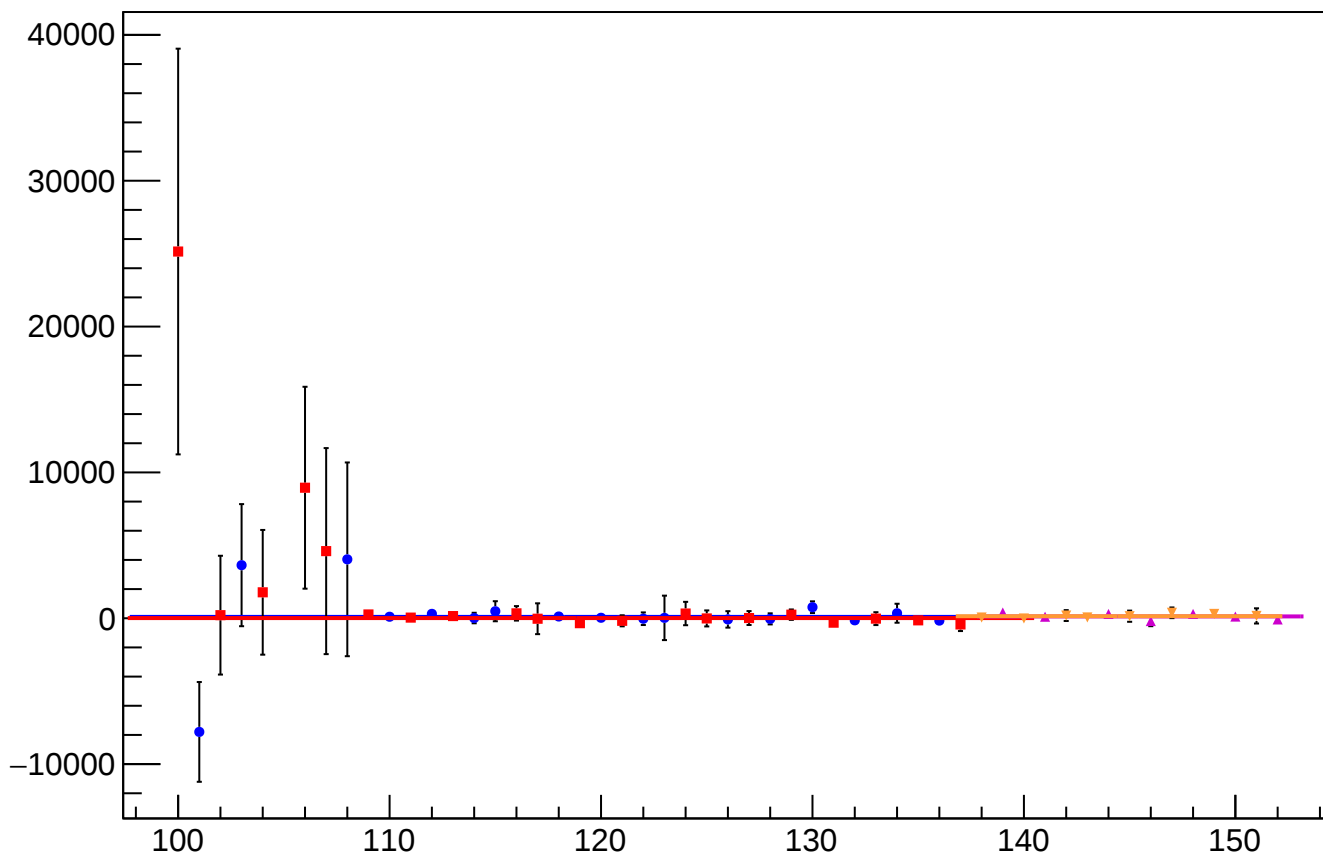
Left In: 29.989+/-0.009 χ^2/NDF : 30030.4/6

28.834+/-0.006 χ^2/NDF : 3083623.7/24

28.821+/-0.004 χ^2/NDF : 6624645.9/51

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: 140.956+/-112.581 χ^2/NDF : 1.3/7

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

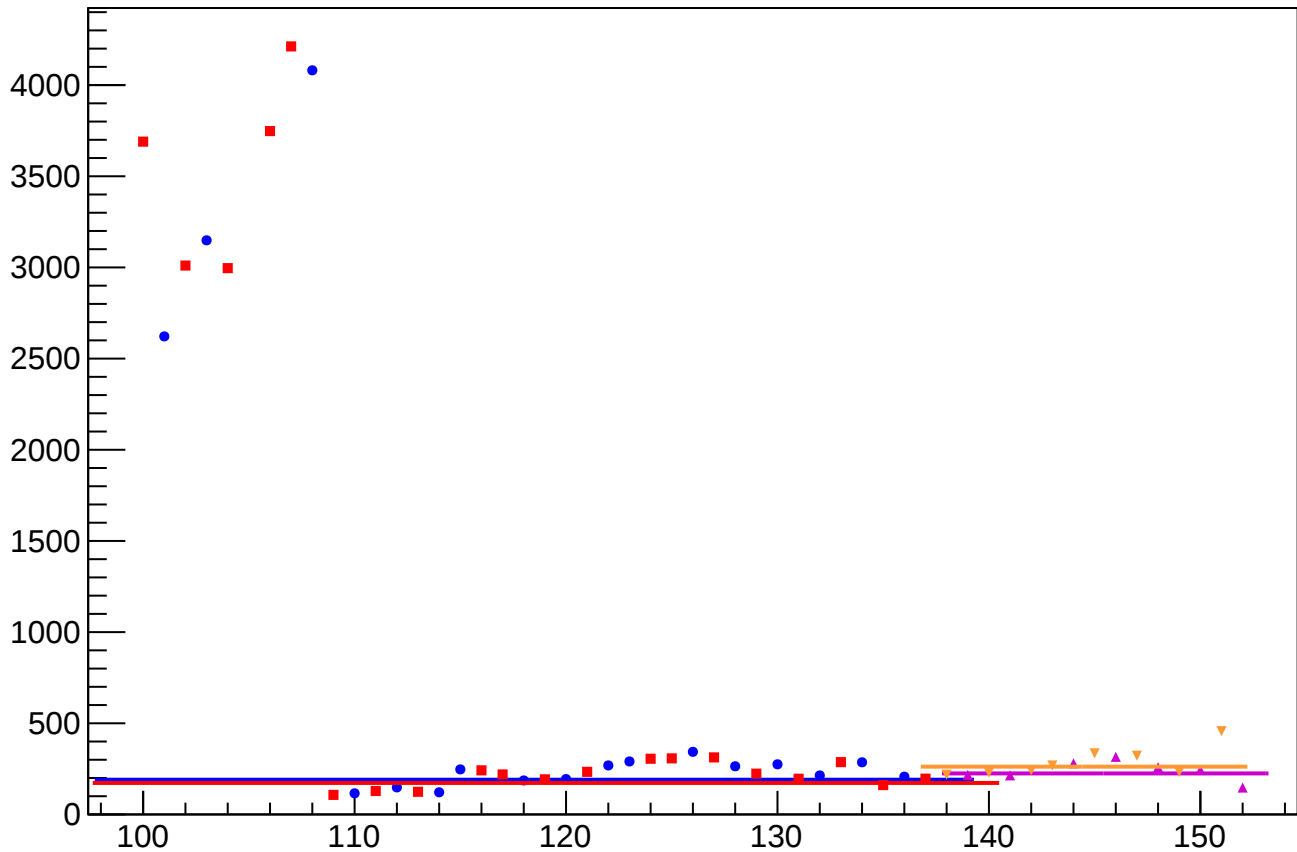
Left In: 126.326+/-100.595 χ^2/NDF : 3.4/6

110.923+/-69.017 χ^2/NDF : 14.1/24

81.361+/-46.452 χ^2/NDF : 31.2/51

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: 262.113 ± 0.080 χ^2/NDF : 528174.6/7

Right Out: 172.872 ± 0.057 χ^2/NDF : 422275.2/19

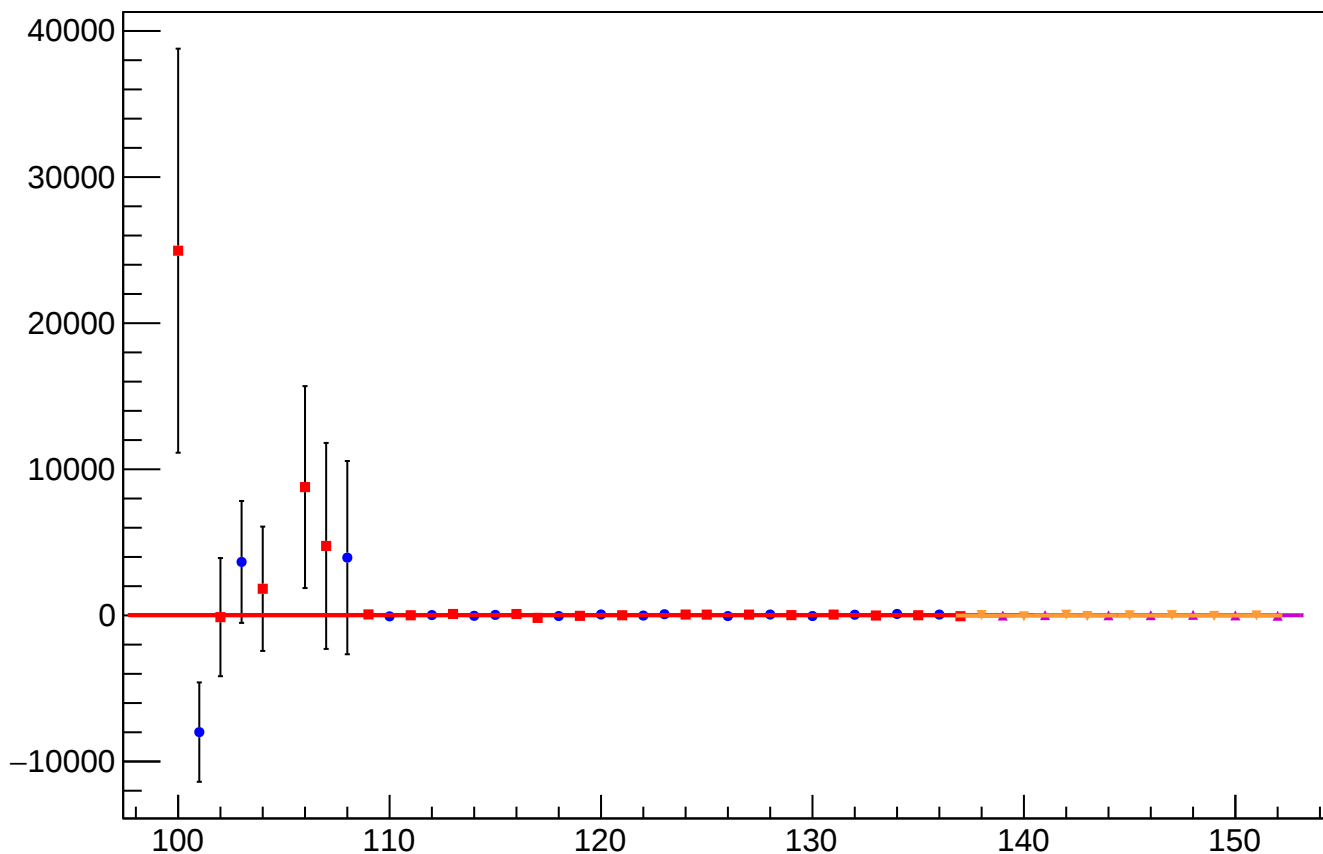
Left In: 225.014 ± 0.071 χ^2/NDF : 503377.0/6

217.405 ± 0.049 χ^2/NDF : 4617068.9/24

204.164 ± 0.033 χ^2/NDF : 9805158.9/51

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: -9.575 $\pm$ 12.545 χ^2 /NDF: 7.2/7

Right Out: 28.128 $\pm$ 12.282 χ^2 /NDF: 18.5/19

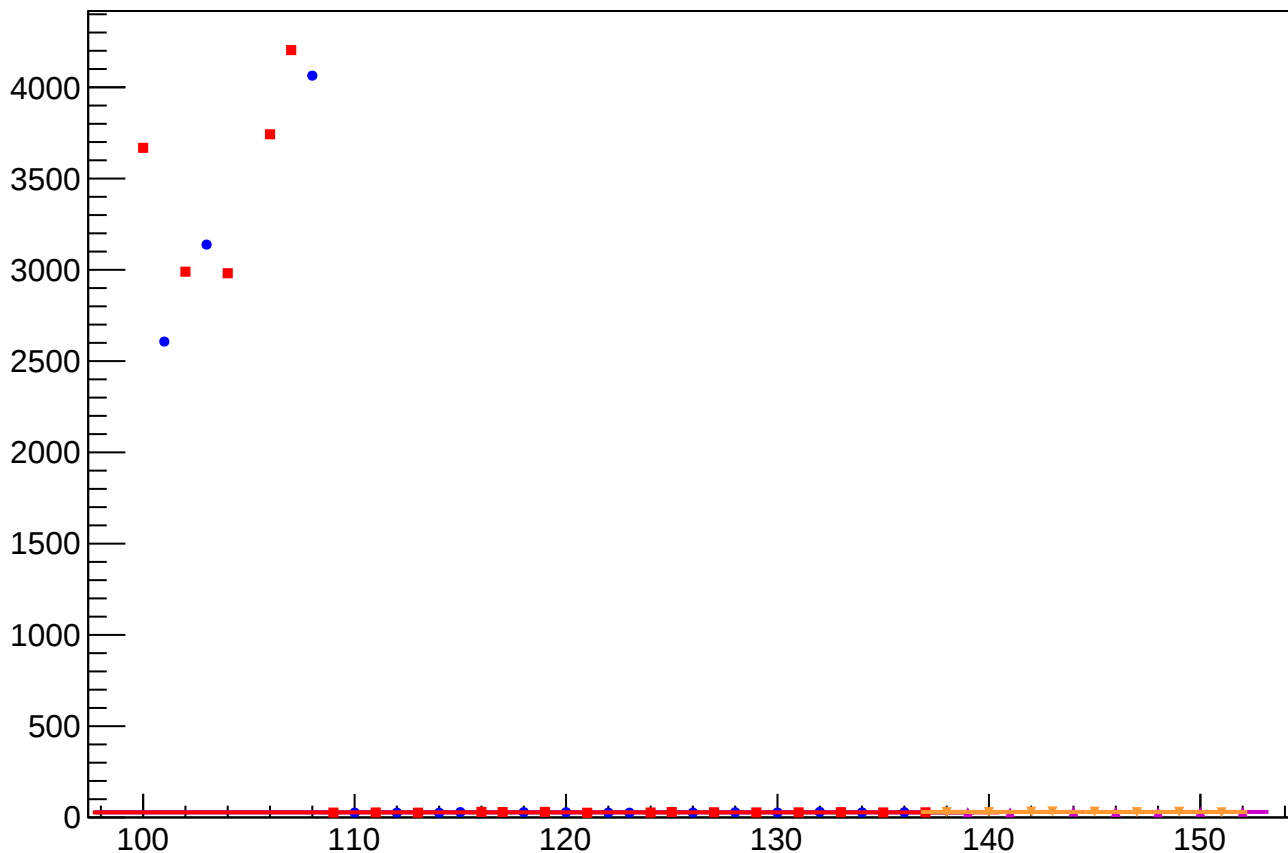
Left In: 10.470 $\pm$ 12.673 χ^2 /NDF: 2.3/6

0.222 $\pm$ 8.773 χ^2 /NDF: 31.6/24

9.848 $\pm$ 6.220 χ^2 /NDF: 55.8/51

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: 30.064+/-0.009 χ^2/NDF : 30447.9/7

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

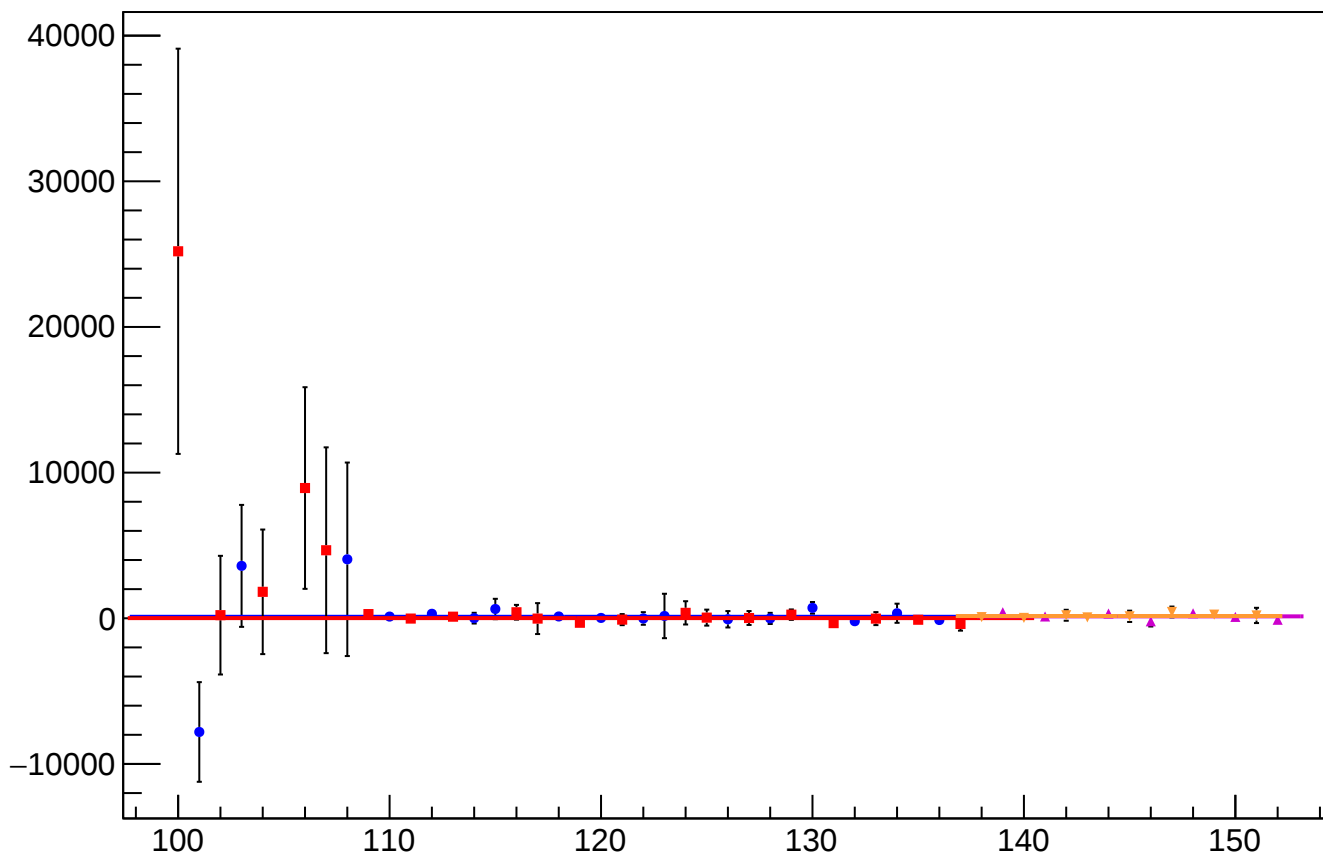
Left In: 30.148+/-0.009 χ^2/NDF : 30223.0/6

29.021+/-0.006 χ^2/NDF : 3084497.7/24

29.012+/-0.004 χ^2/NDF : 6626210.5/51

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: 154.988 $\pm$ 113.994 χ^2 /NDF:1.1/7

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

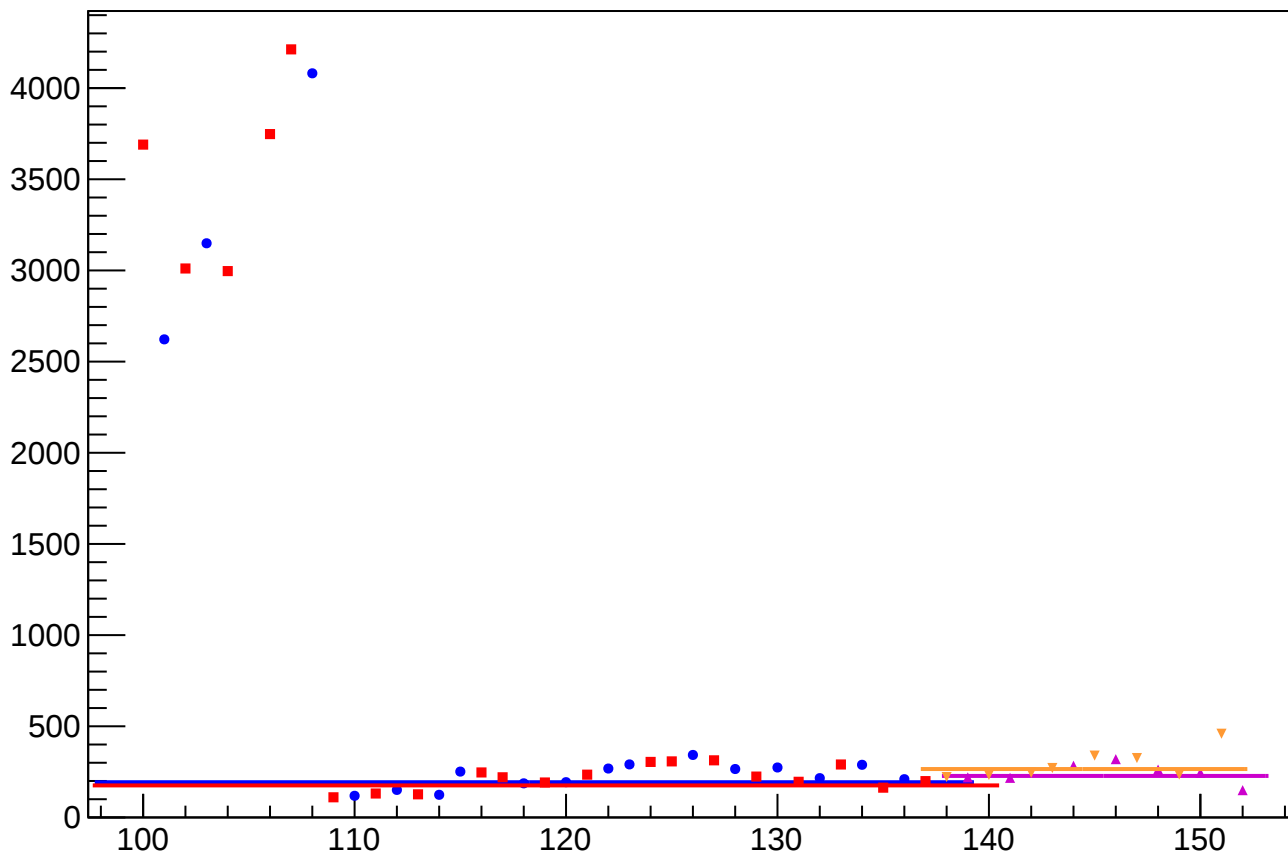
Left In: 131.990 $\pm$ 101.760 χ^2 /NDF:4.1/6

121.754 $\pm$ 69.852 χ^2 /NDF: 13.7/24

87.060 $\pm$ 47.030 χ^2 /NDF: 31.3/51

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: 265.551+/-0.081 χ^2/NDF : 518582.6/7

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

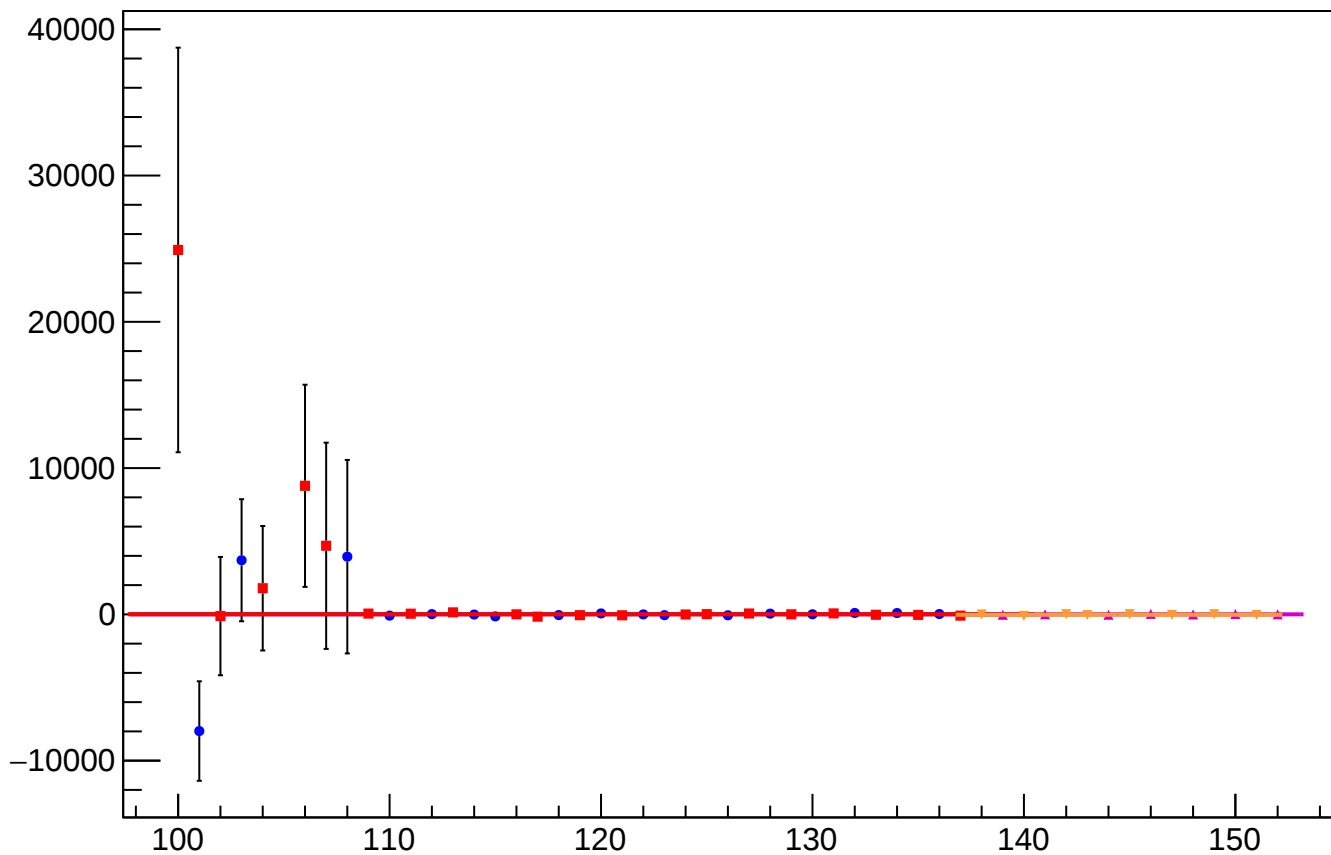
Left In: 227.745+/-0.072 χ^2/NDF : 499684.8/6

220.360+/-0.049 χ^2/NDF : 4557992.9/24

207.078+/-0.033 χ^2/NDF : 9677043.1/51

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: -28.265+/-14.790 χ^2 /NDF: 6.6/7

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

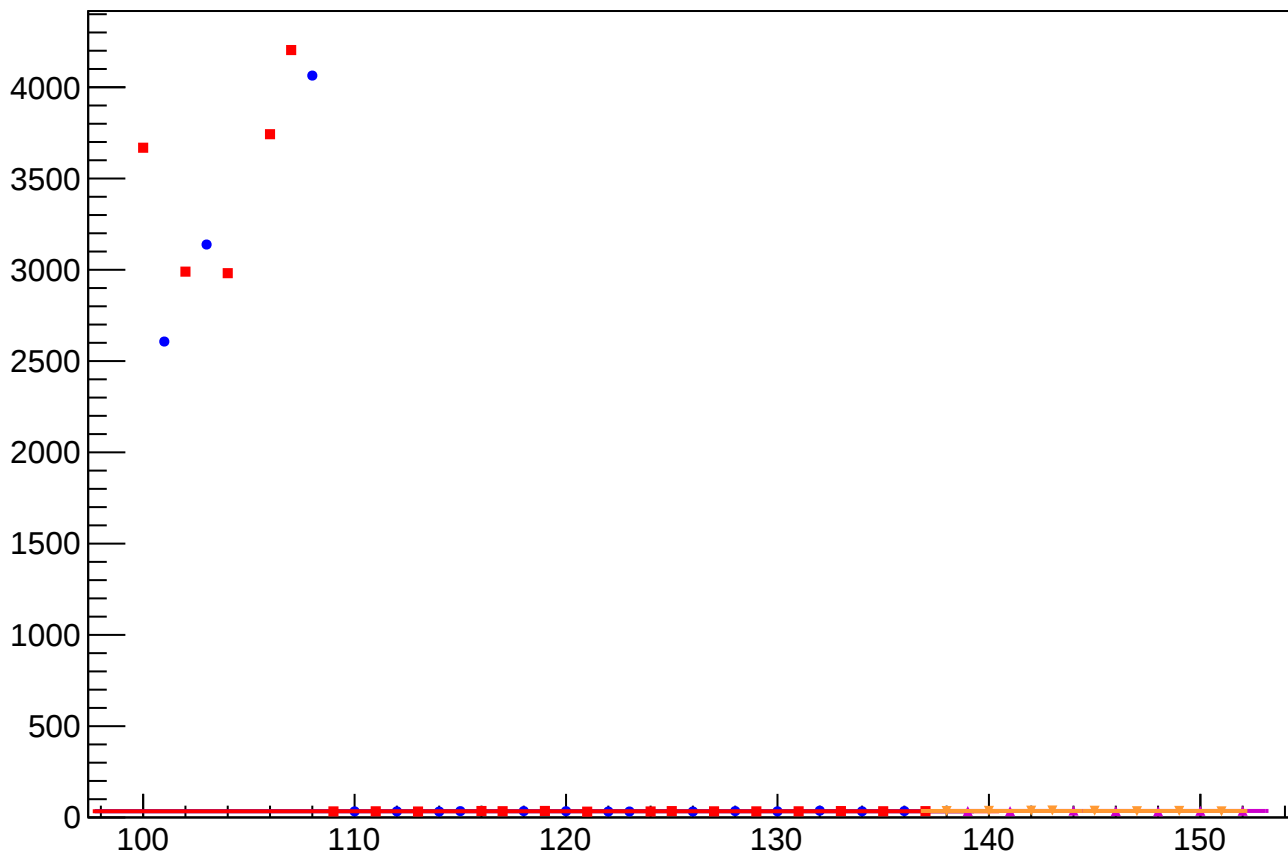
Left In: 2.625+/-14.945 χ^2 /NDF: 1.8/6

-11.968+/-10.509 χ^2 /NDF: 29.5/24

-2.577+/-7.444 χ^2 /NDF: 55.7/51

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: 35.503 $\pm$ 0.010 χ^2 /NDF:18992.7/7

Right Out: 33.915 $\pm$ 0.011 χ^2 /NDF: 3451897.1/19

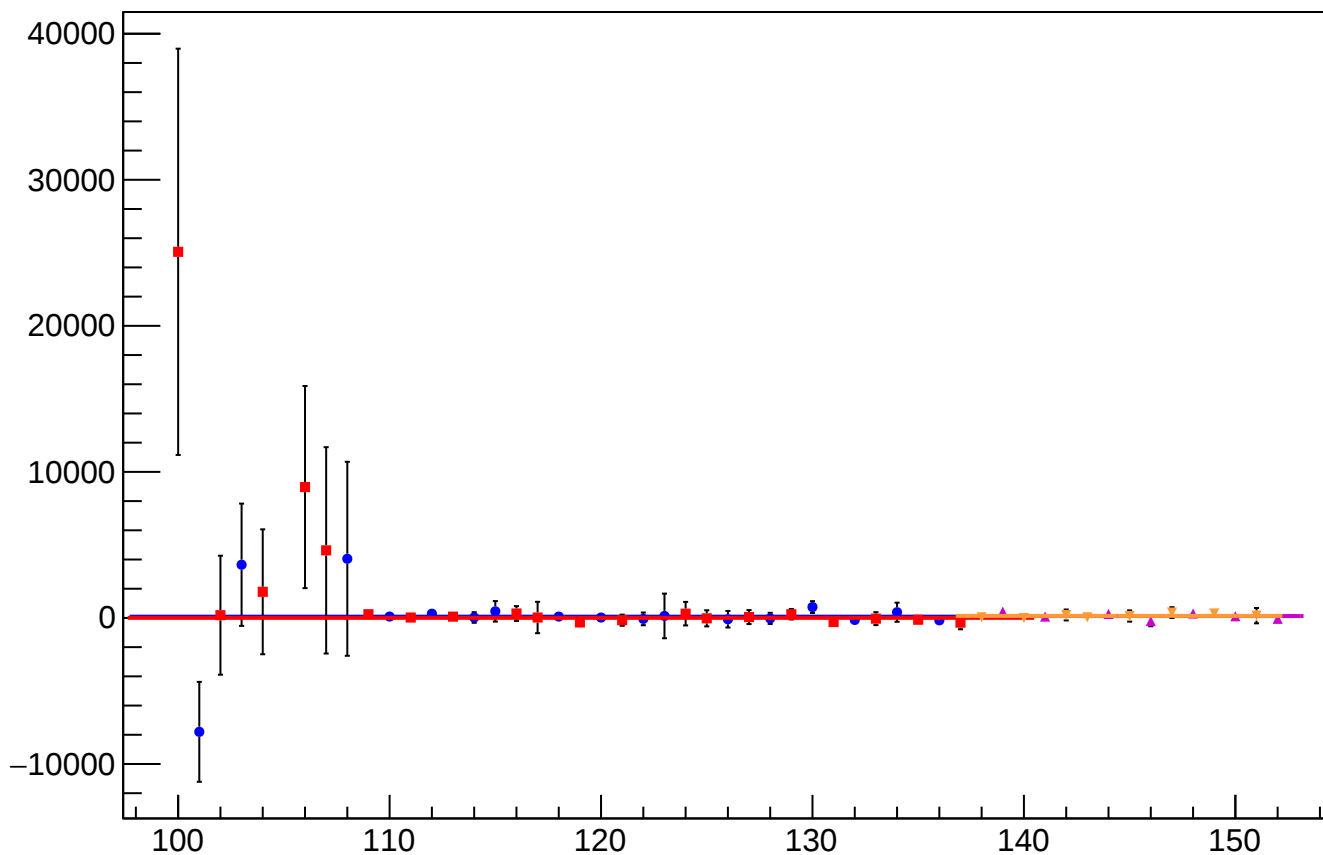
Left In: 35.620 $\pm$ 0.011 χ^2 /NDF:12529.3/6

34.827 $\pm$ 0.007 χ^2 /NDF: 3033681.0/24

34.796 $\pm$ 0.005 χ^2 /NDF: 6511206.4/51

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 $\pm$ 87.947 χ^2 /NDF: 12.4/16

Left Out: 141.040 $\pm$ 113.161 χ^2 /NDF:1.3/7

Right Out: 7.420 $\pm$ 80.977 χ^2 /NDF: 11.1/19

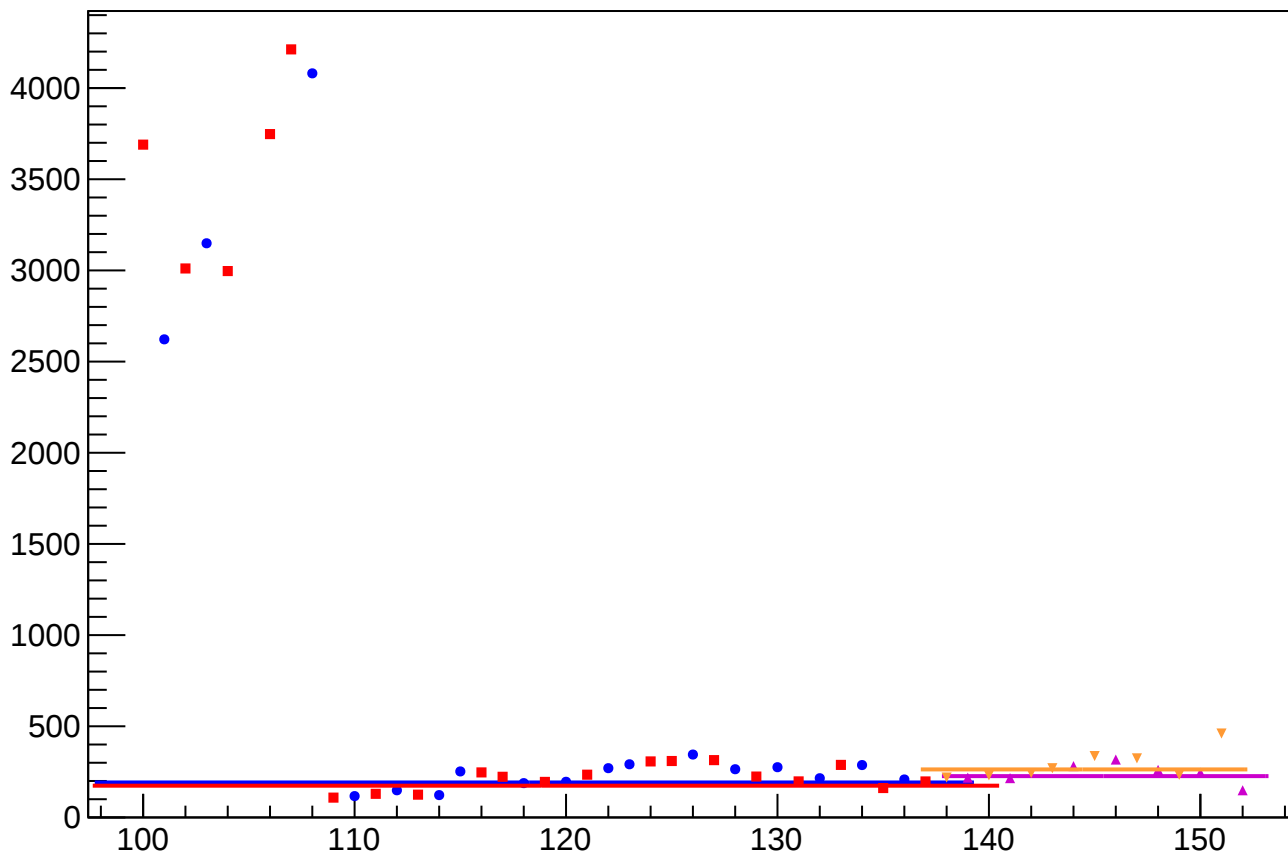
Left In: 129.852 $\pm$ 101.291 χ^2 /NDF:3.6/6

106.752 $\pm$ 69.441 χ^2 /NDF: 13.9/24

78.553 $\pm$ 46.760 χ^2 /NDF: 29.8/51

55.158 $\pm$ 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: 263.438 $\pm$ 0.080 χ^2 /NDF: 530494.7/7

Right Out: 174.207 $\pm$ 0.057 χ^2 /NDF: 421538.3/19

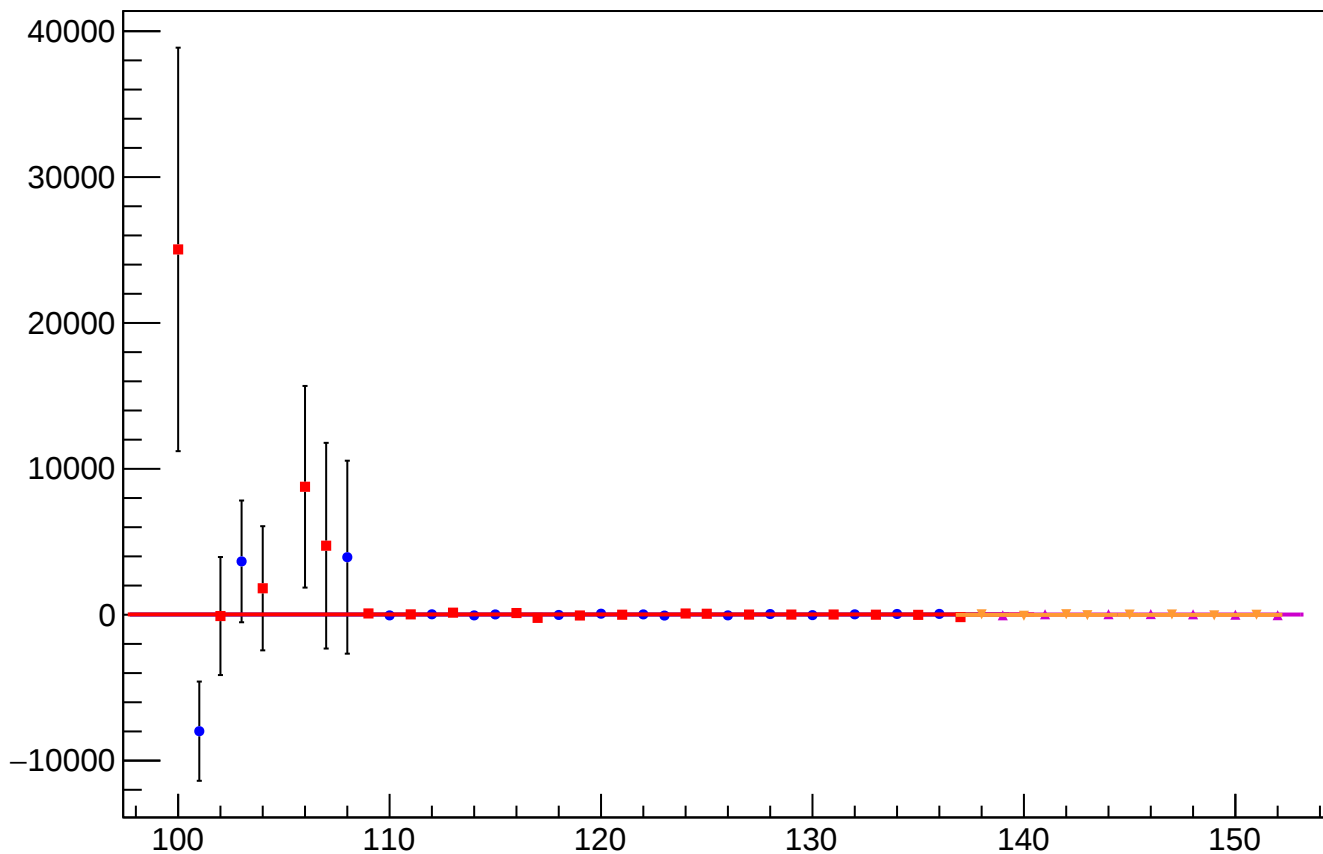
Left In: 226.668 $\pm$ 0.072 χ^2 /NDF: 496148.1/6

218.826 $\pm$ 0.049 χ^2 /NDF: 4602141.0/24

205.619 $\pm$ 0.033 χ^2 /NDF: 9773499.5/51

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: -9.487+/-13.637 χ^2/NDF : 6.6/7

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

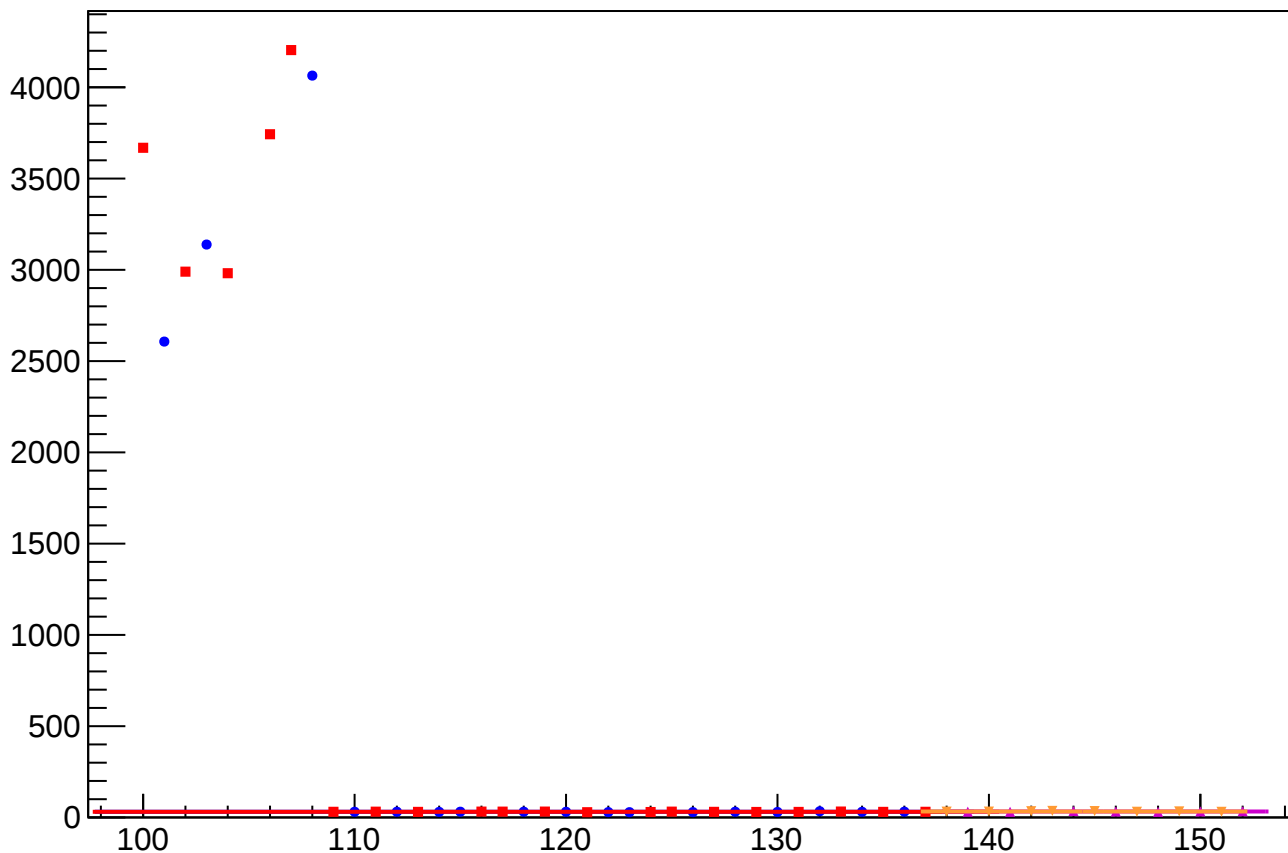
Left In: 13.097+/-13.715 χ^2/NDF : 4.9/6

2.334+/-9.636 χ^2/NDF : 23.3/24

9.814+/-6.821 χ^2/NDF : 59.5/51

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 $\pm$ 0.010 χ^2 /NDF: 3014425.9/16

Left Out: 32.693 $\pm$ 0.010 χ^2 /NDF: 29812.9/7

Right Out: 30.970 $\pm$ 0.010 χ^2 /NDF: 3459018.8/19

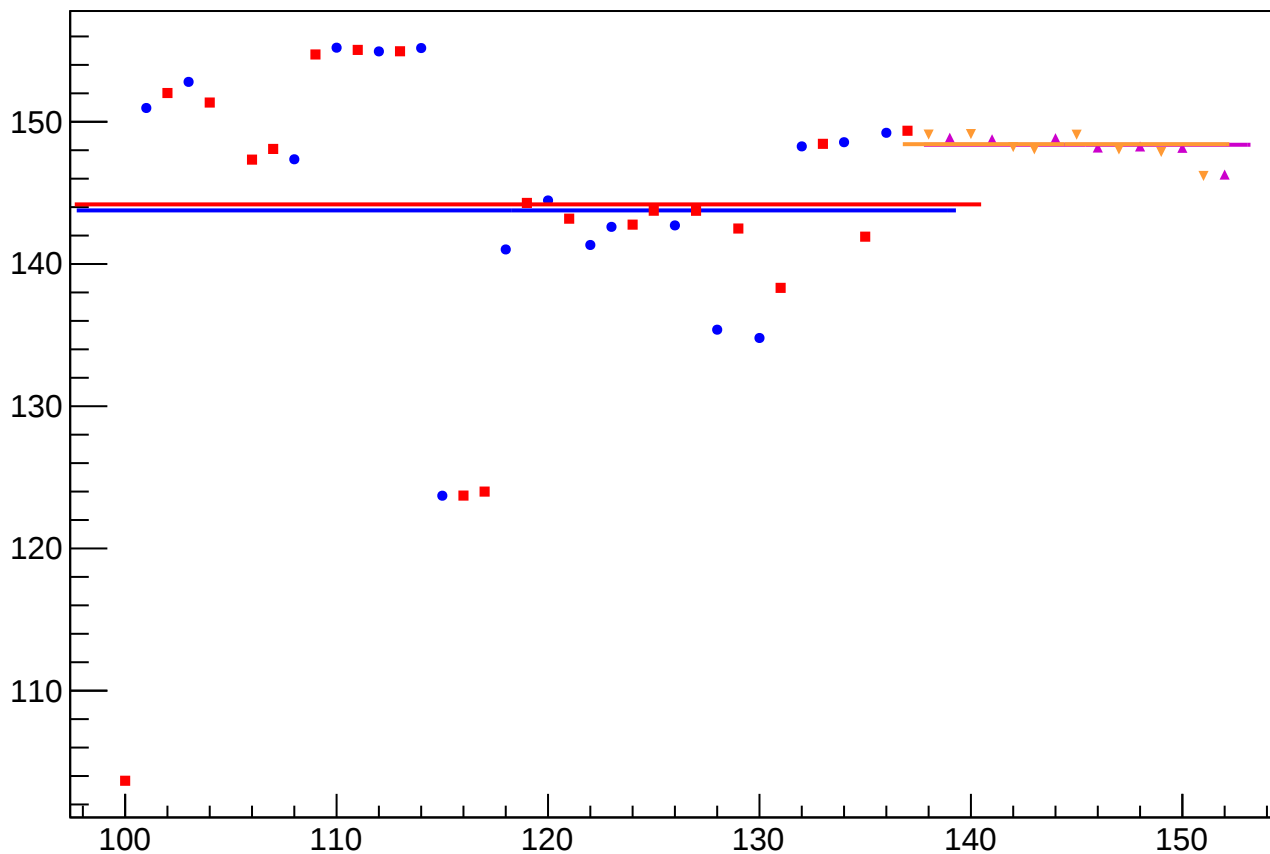
Left In: 32.619 $\pm$ 0.010 χ^2 /NDF: 24372.1/6

31.909 $\pm$ 0.007 χ^2 /NDF: 3057453.1/24

31.849 $\pm$ 0.005 χ^2 /NDF: 6555575.7/51

31.788 $\pm$ 0.007 χ^2 /NDF: 3497966.0/26

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.768 $\pm$ 0.000 χ^2 /NDF: 3532173868.5/16

Left Out: 148.425 $\pm$ 0.000 χ^2 /NDF: 30680996.7/7

Right Out: 144.192 $\pm$ 0.000 χ^2 /NDF: 4524049993.1/19

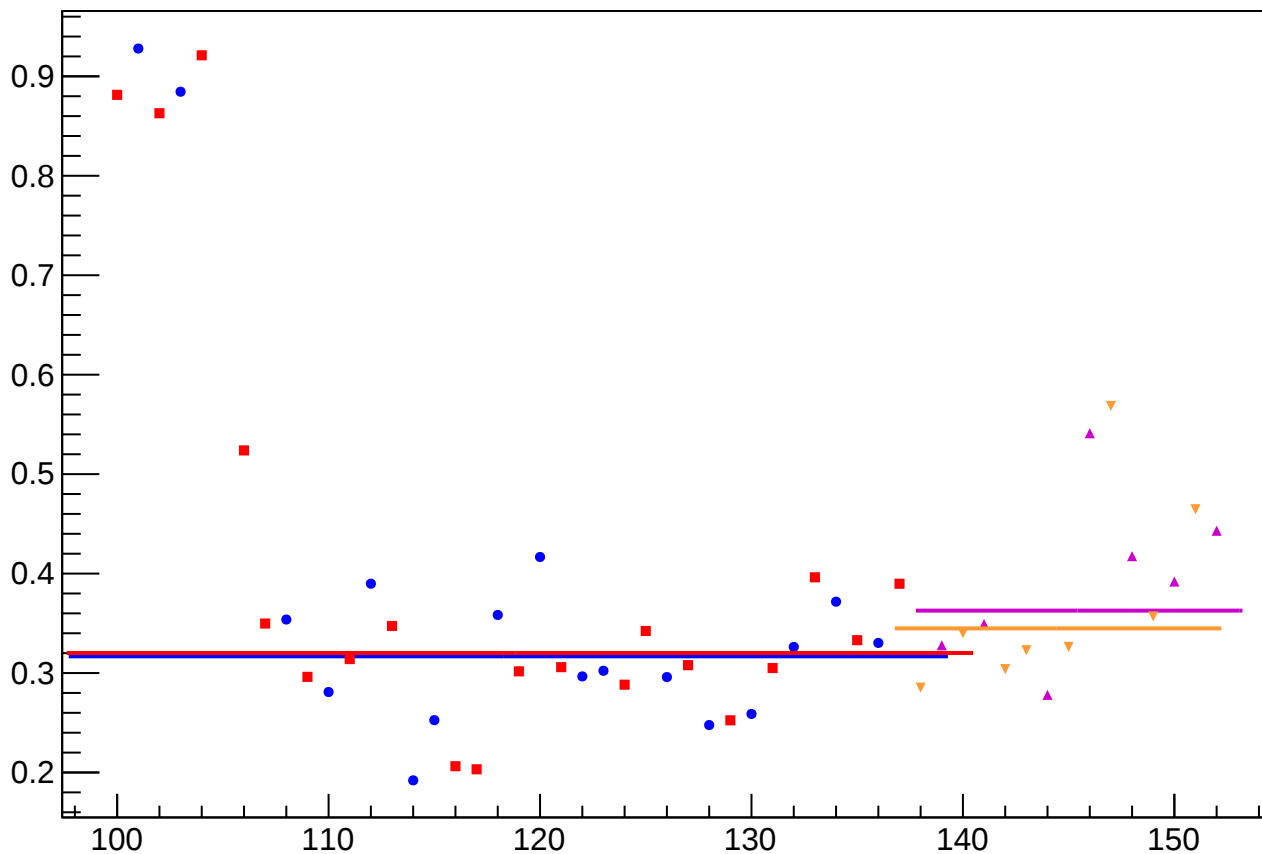
Left In: 148.385 $\pm$ 0.000 χ^2 /NDF: 22676419.8/6

145.840 $\pm$ 0.000 χ^2 /NDF: 4099777656.9/24

145.876 $\pm$ 0.000 χ^2 /NDF: 9061111708.2/24

145.914 $\pm$ 0.000 χ^2 /NDF: 4961065805.4/26

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.000 χ^2/NDF : 1278613.2/16

Left Out: 0.345 $\pm$ 0.000 χ^2/NDF : 416302.6/7

Right Out: 0.320 $\pm$ 0.000 χ^2/NDF : 1240600.2/19

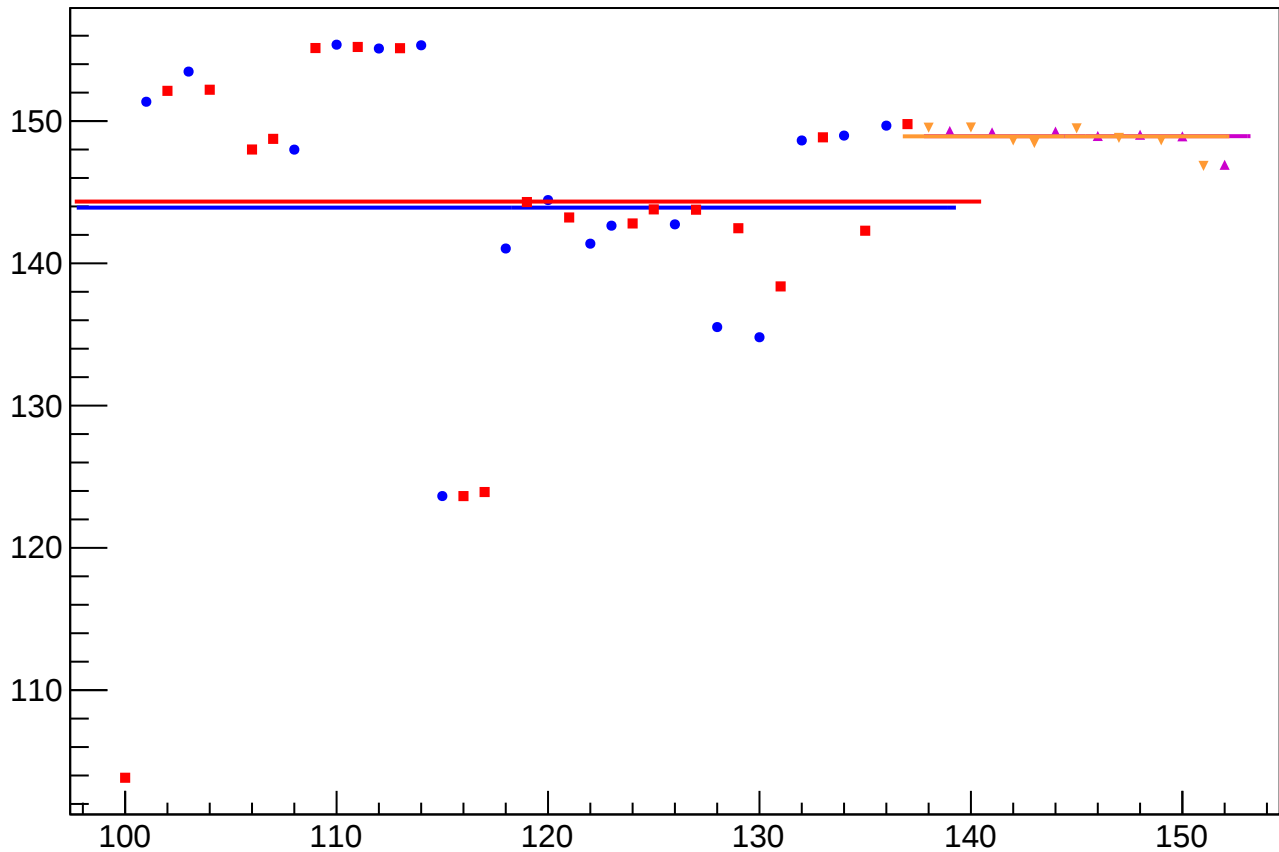
Left In: 0.363 $\pm$ 0.000 χ^2/NDF : 431291.6/6

0.329 $\pm$ 0.000 χ^2/NDF : 1733906.7/24

0.333 $\pm$ 0.000 χ^2/NDF : 3498269.0/51

0.338 $\pm$ 0.000 χ^2/NDF : 1757461.1/26

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.917 $\pm$ 0.000 χ^2 /NDF: 3584662767.5/16

Left Out: 148.927 $\pm$ 0.000 χ^2 /NDF: 24422008.0/7

Right Out: 144.342 $\pm$ 0.000 χ^2 /NDF: 4551365931.0/19

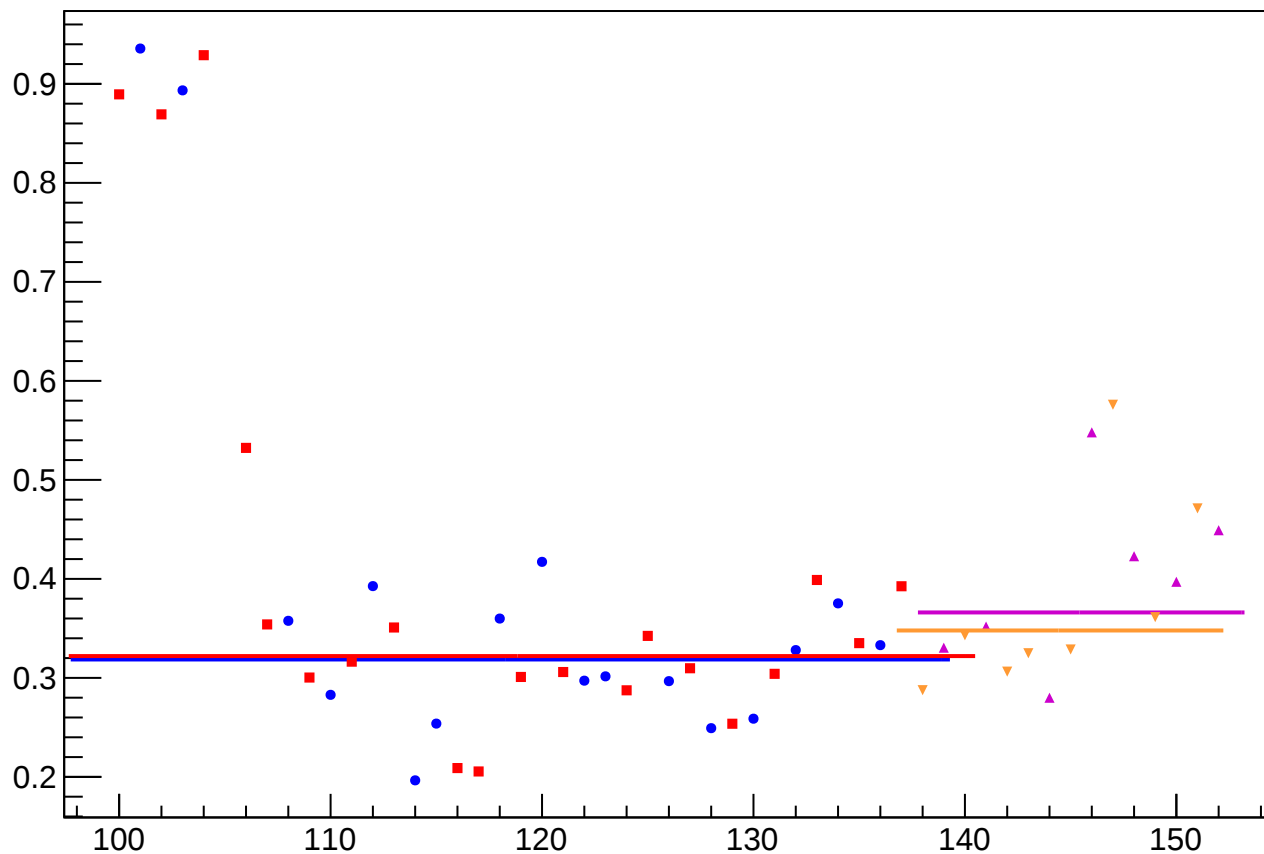
Left In: 148.939 $\pm$ 0.000 χ^2 /NDF: 18085229.2/6

146.137 $\pm$ 0.000 χ^2 /NDF: 4221255044.8/24

146.179 $\pm$ 0.000 χ^2 /NDF: 9281118328.8/24

146.222 $\pm$ 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: 0.348 $\pm$ 0.000 χ^2 /NDF: 424031.0/7

Right Out: 0.322 $\pm$ 0.000 χ^2 /NDF: 1243109.0/19

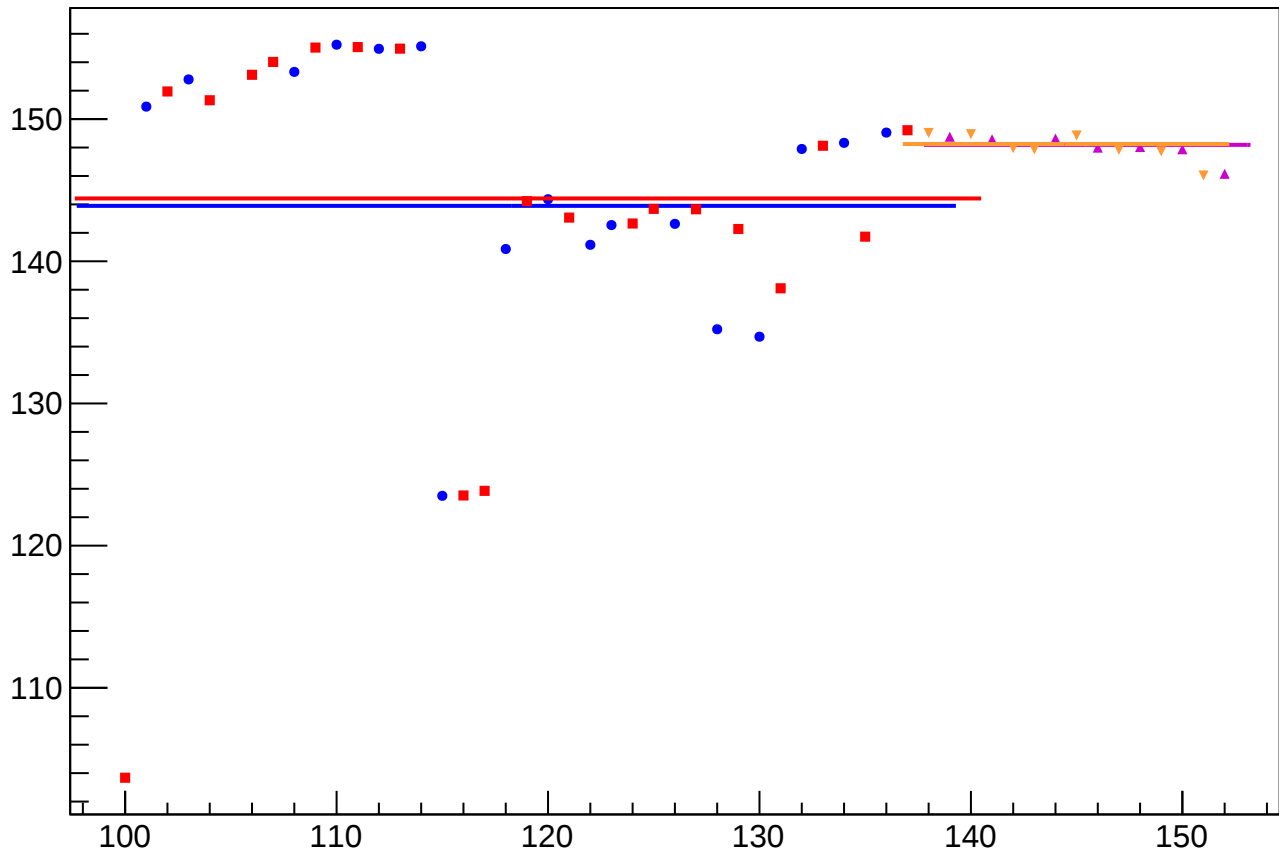
Left In: 0.366 $\pm$ 0.000 χ^2 /NDF: 441458.1/6

0.332 $\pm$ 0.000 χ^2 /NDF: 1746614.9/24

0.336 $\pm$ 0.000 χ^2 /NDF: 3528267.1/51

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: 148.247 $\pm$ 0.000 χ^2 /NDF: 30752653.4/7

145.831 $\pm$ 0.000 χ^2 /NDF: 4245673813.6/24

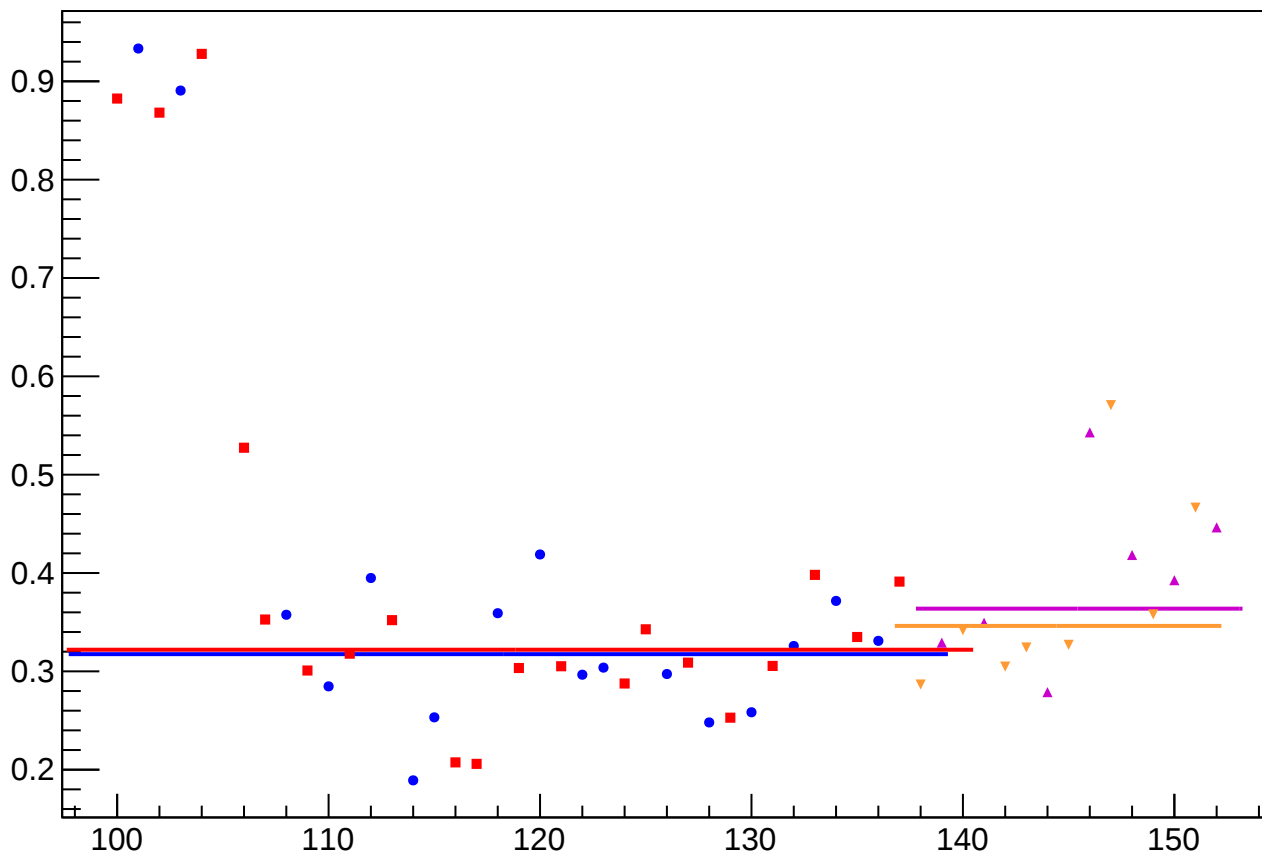
Right Out: 144.419 $\pm$ 0.000 χ^2 /NDF: 4820290476.6/19

145.900 $\pm$ 0.000 χ^2 /NDF: 9421261857.2/24

145.972 $\pm$ 0.000 χ^2 /NDF: 5174622120.7/26

Left In: 148.188 $\pm$ 0.000 χ^2 /NDF: 22070501.7/6

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1293179.2/16

Left Out: 0.346+/-0.000 χ^2/NDF : 415985.7/7

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

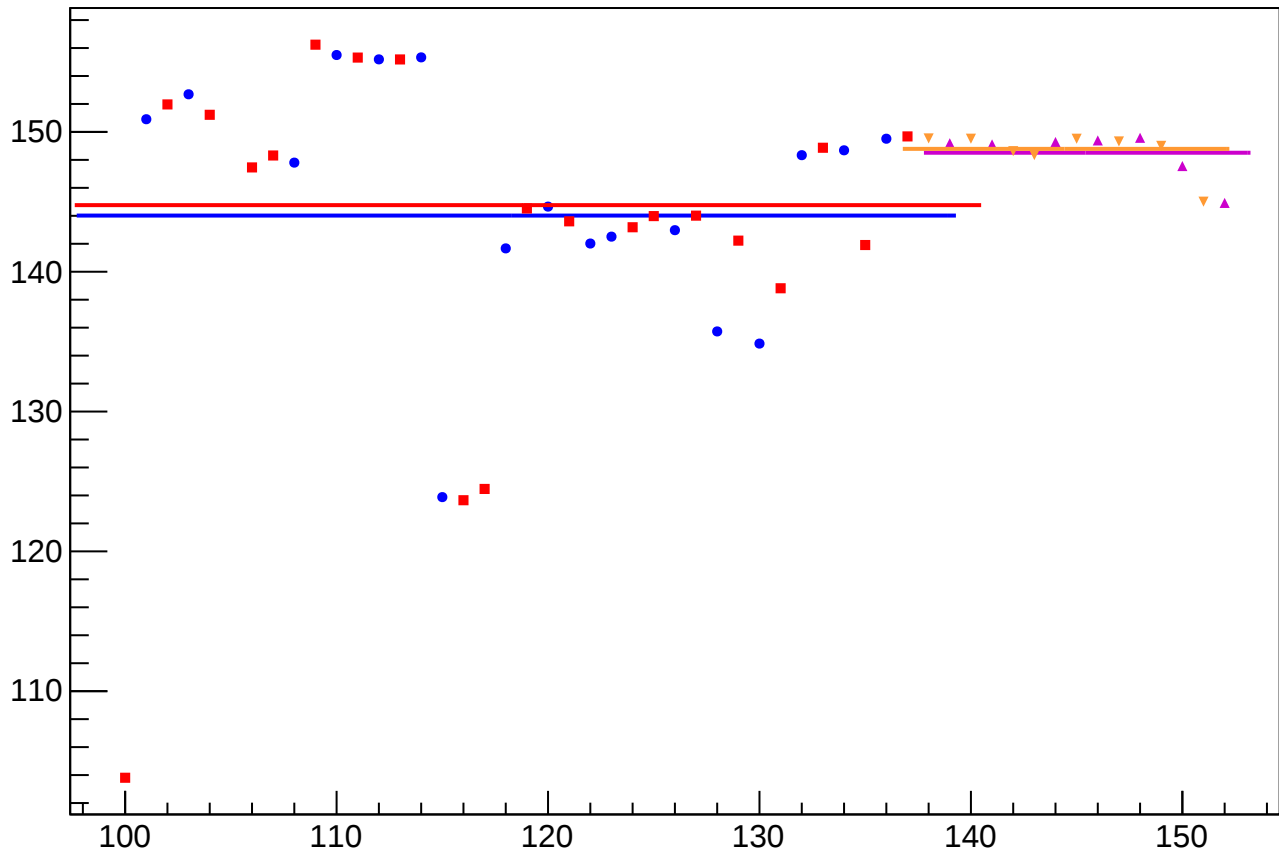
Left In: 0.364+/-0.000 χ^2/NDF : 433280.6/6

0.330+/-0.000 χ^2/NDF : 1749698.4/24

0.335+/-0.000 χ^2/NDF : 3516136.1/51

0.339+/-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: 148.788 +/- 0.000 χ^2/NDF : 60967167.9/7

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

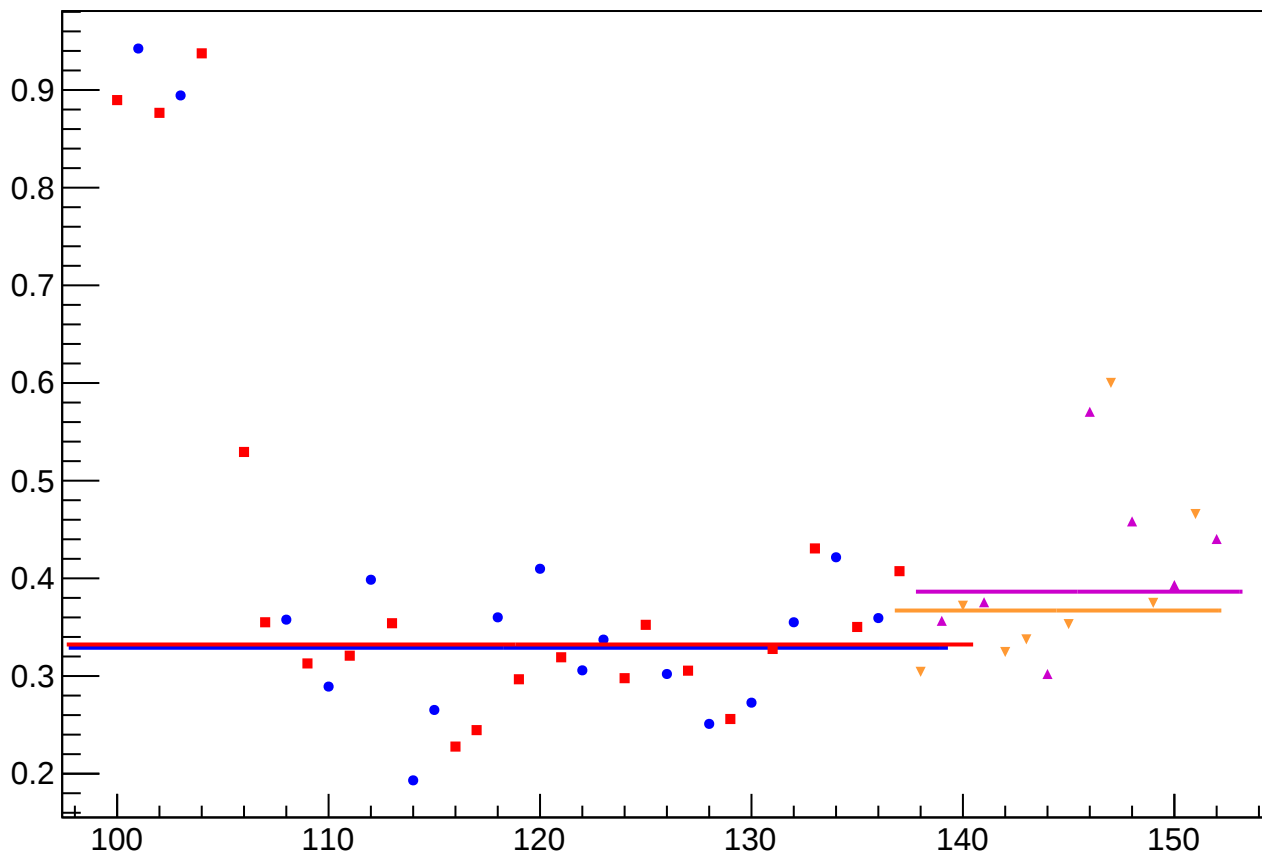
Left In: 148.511 +/- 0.000 χ^2/NDF : 72504626.6/6

146.082 +/- 0.000 χ^2/NDF : 3805538426.4/24

146.169 +/- 0.000 χ^2/NDF : 8276538826.3/24

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: 0.367 $\pm$ 0.000 χ^2/NDF : 373645.2/7

Right Out: 0.332 $\pm$ 0.000 χ^2/NDF : 1191637.2/19

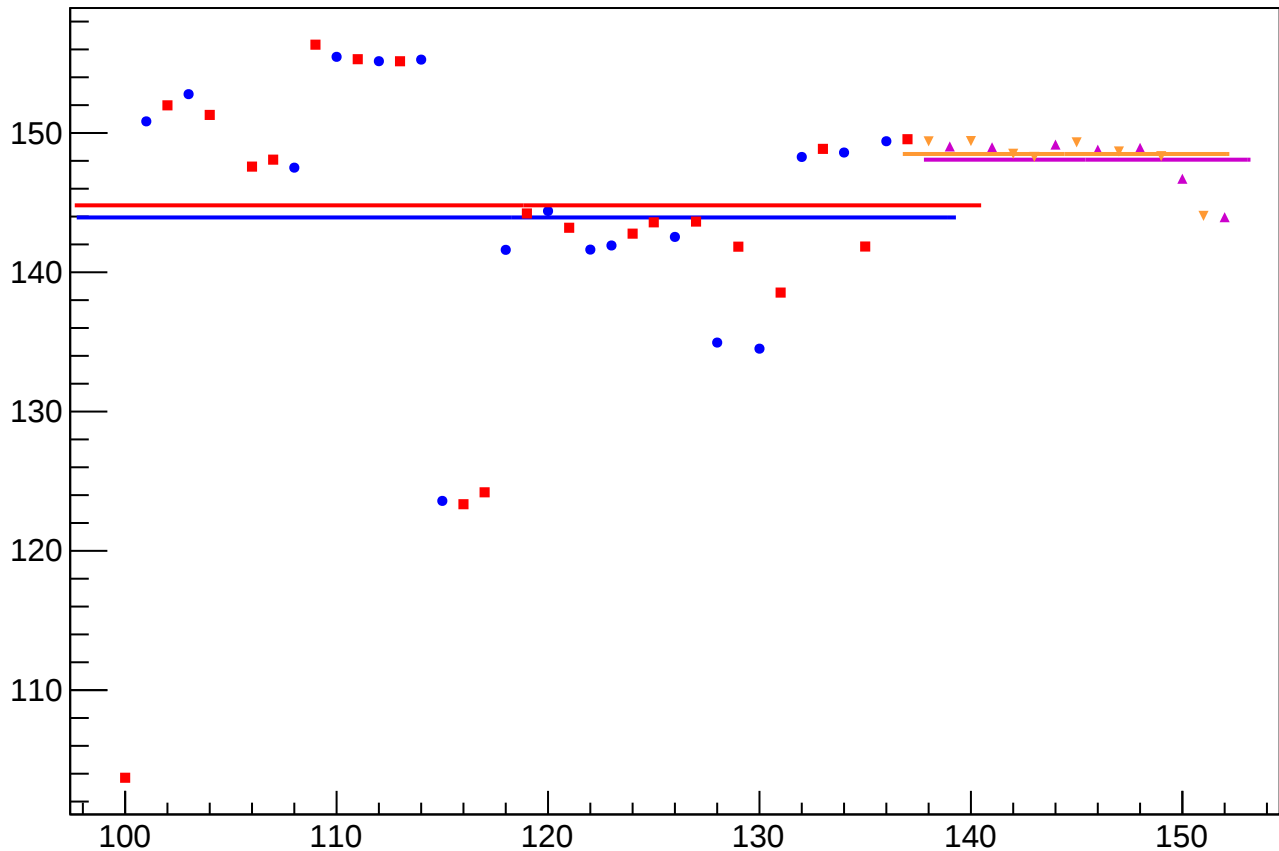
Left In: 0.386 $\pm$ 0.000 χ^2/NDF : 364161.1/6

0.345 $\pm$ 0.000 χ^2/NDF : 1714336.3/24

0.350 $\pm$ 0.000 χ^2/NDF : 3400840.6/51

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: 148.493 $\pm$ 0.000 χ^2/NDF : 82933179.2/7

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

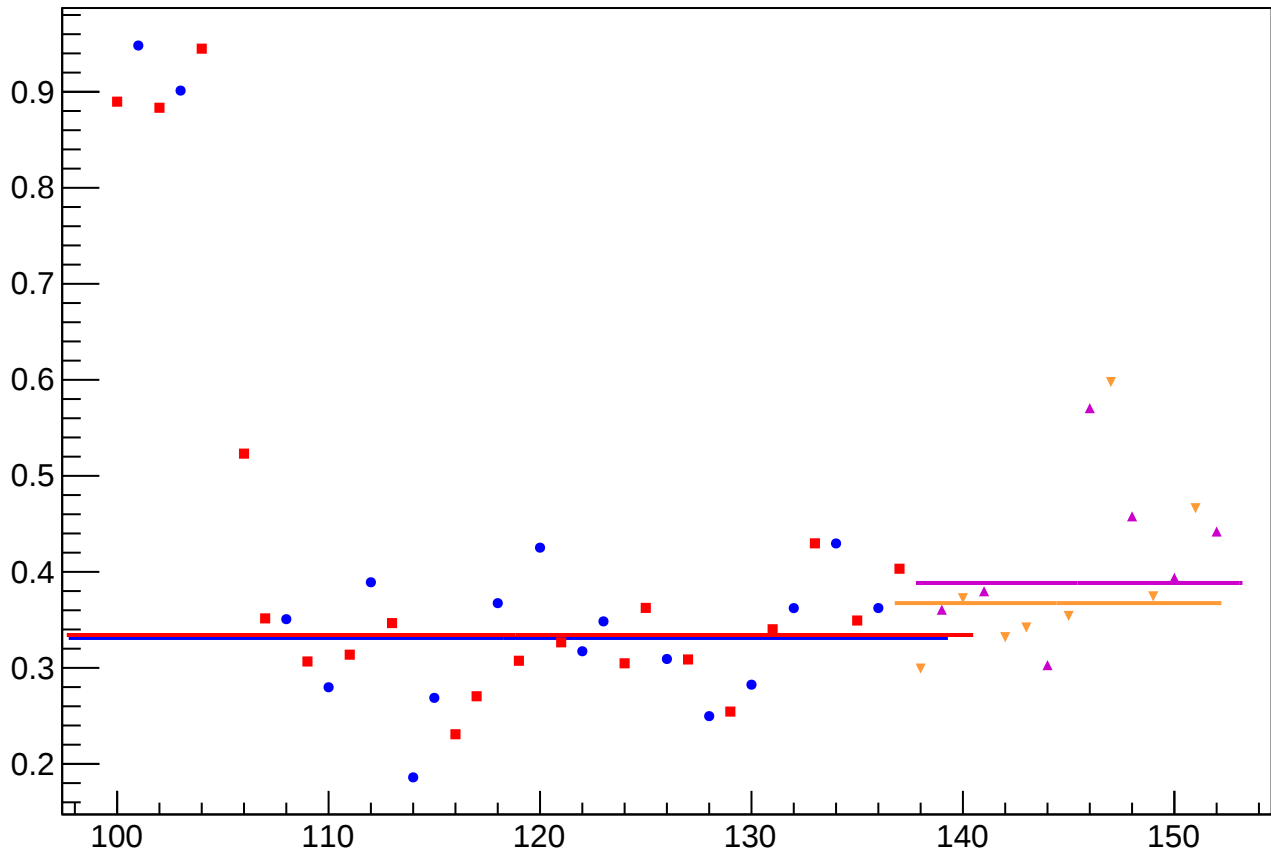
Left In: 148.084 $\pm$ 0.000 χ^2/NDF : 101481341.9/6

145.921 $\pm$ 0.000 χ^2/NDF : 3918831713.1/24

146.016 $\pm$ 0.000 χ^2/NDF : 8386483705.7/26

146.113 $\pm$ 0.000 χ^2/NDF : 4466027829.0/26

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331 $\pm$ 0.000 χ^2/NDF : 1295749.0/16

Left Out: 0.367 $\pm$ 0.000 χ^2/NDF : 374529.6/7

Right Out: 0.334 $\pm$ 0.000 χ^2/NDF : 1176170.4/19

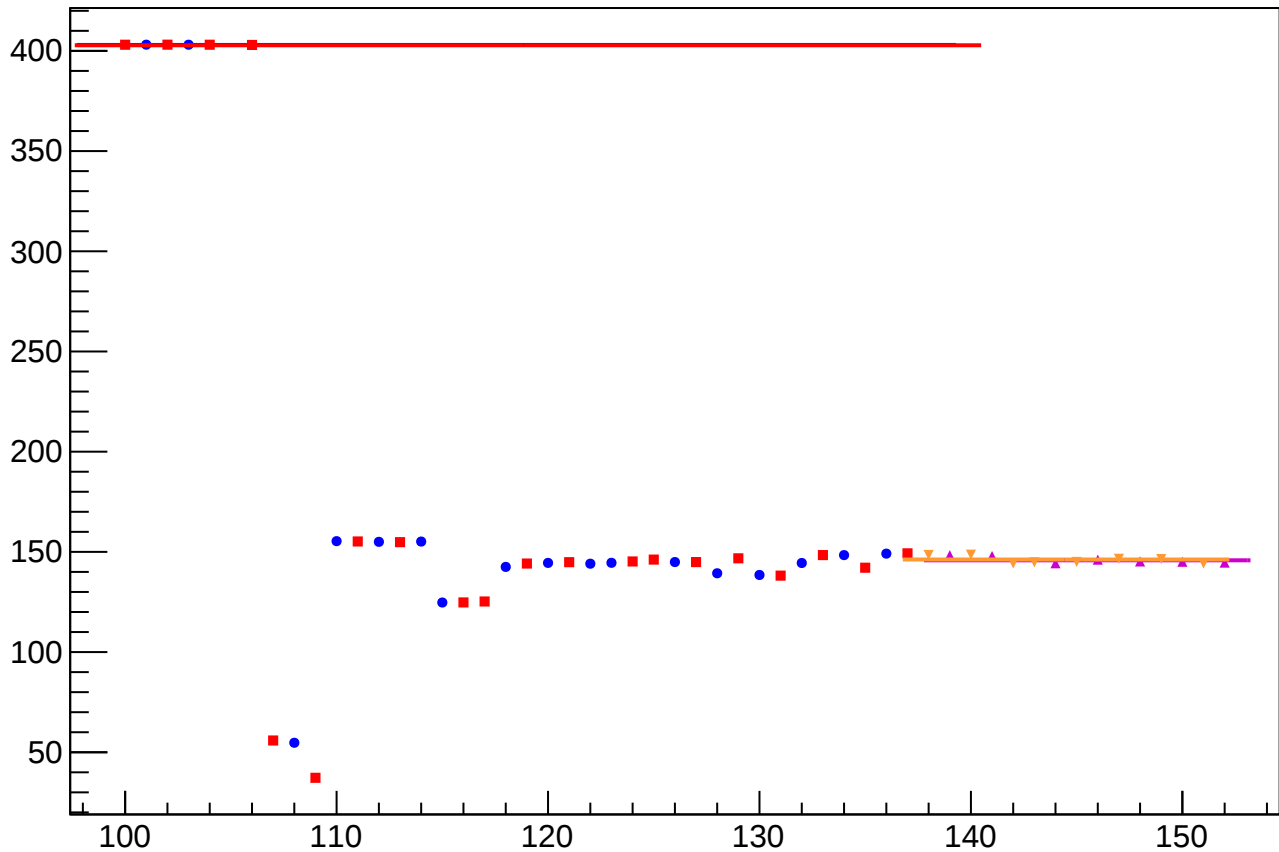
Left In: 0.388 $\pm$ 0.000 χ^2/NDF : 357001.0/6

0.347 $\pm$ 0.000 χ^2/NDF : 1728285.0/24

0.351 $\pm$ 0.000 χ^2/NDF : 3391670.6/51

0.356 $\pm$ 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: 146.194+/-0.000 χ^2/NDF : 30352883.8/7

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

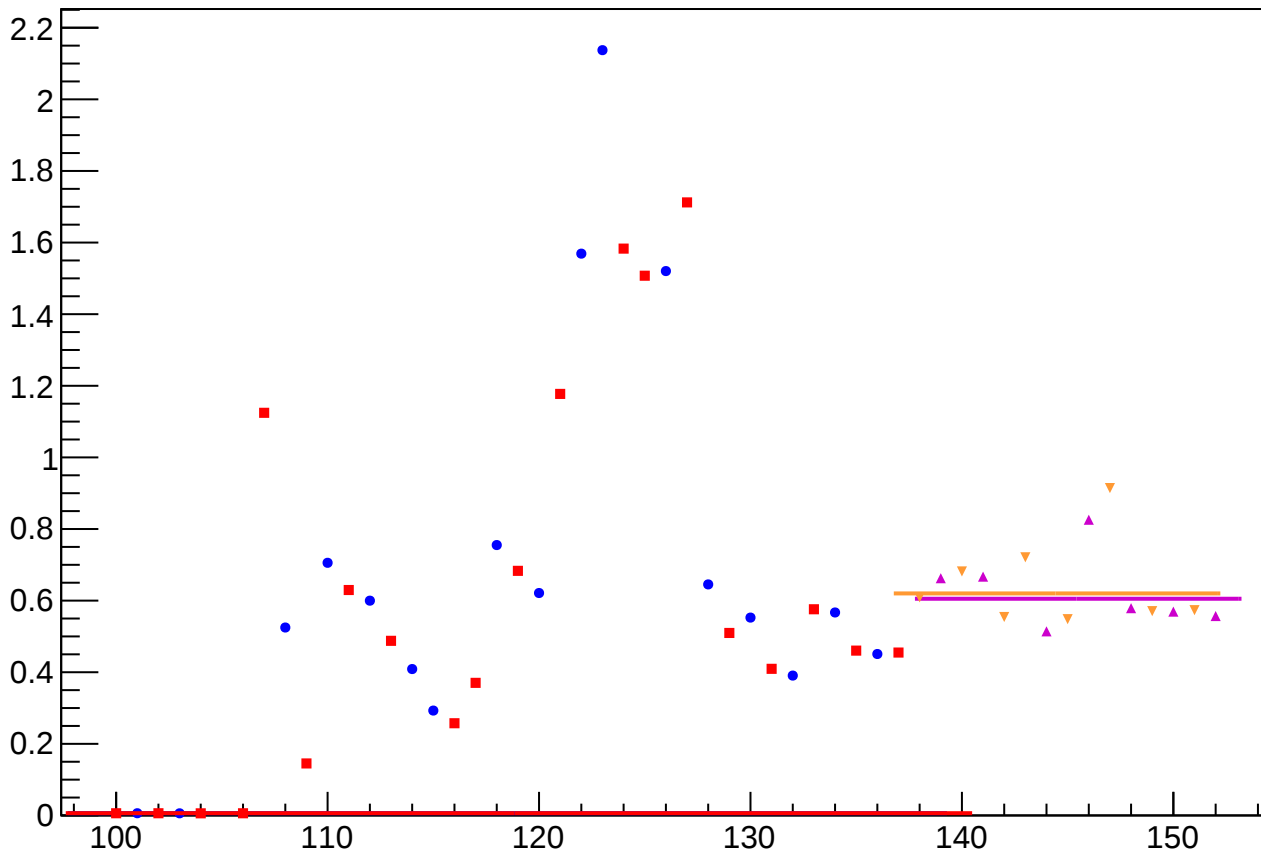
Left In: 145.795+/-0.000 χ^2/NDF : 23296932.8/6

402.876+/-0.000 χ^2/NDF : 1744245815799.1/24

402.794+/-0.000 χ^2/NDF : 555283929177

402.721+/-0.000 χ^2/NDF : 3808194417694.9/26

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9161050.1/16

Left Out: 0.620+/-0.000 χ^2/NDF : 167353.6/7

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

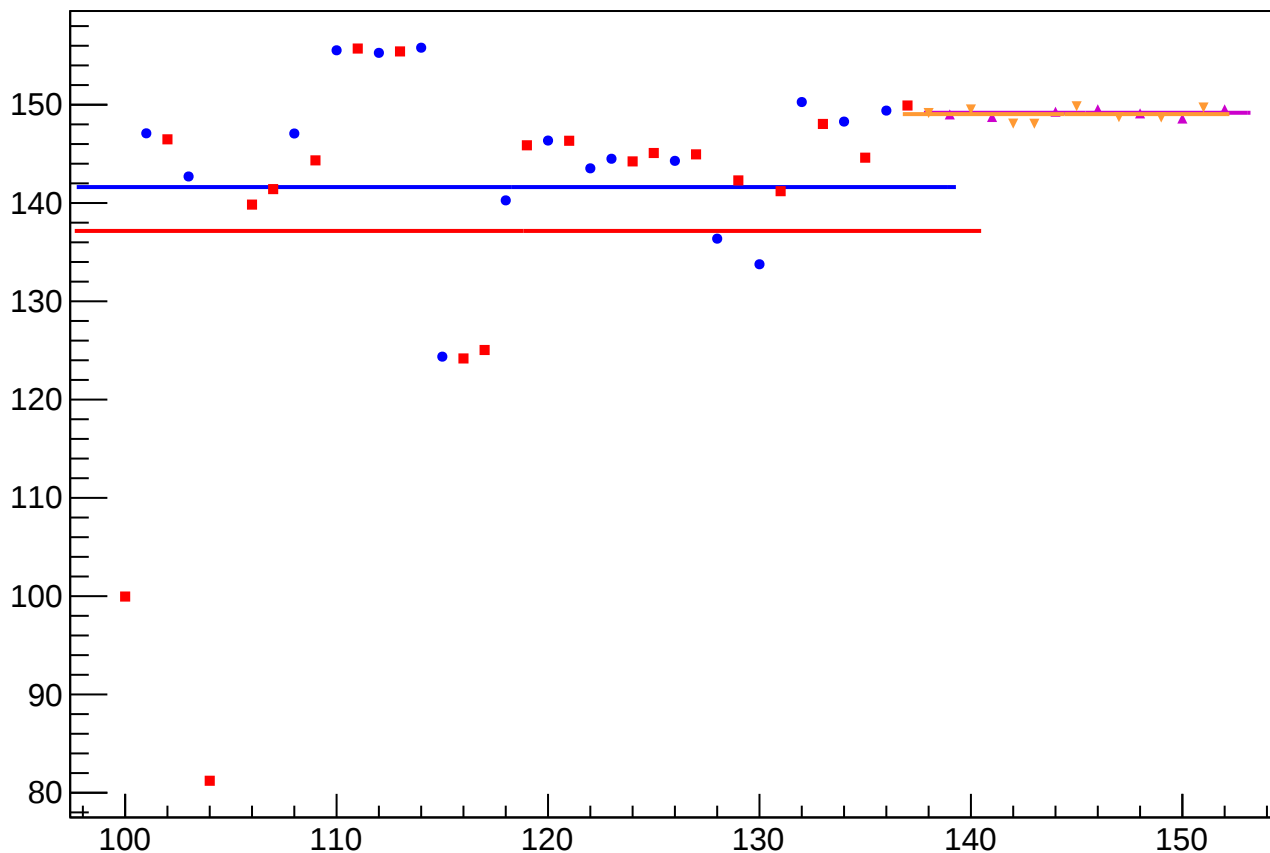
Left In: 0.605+/-0.000 χ^2/NDF : 142182.6/6

0.007+/-0.000 χ^2/NDF : 16727611.6/24

0.007+/-0.000 χ^2/NDF : 33591234.1/51

0.007+/-0.000 χ^2/NDF : 16863600.0/26

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

Left Out: 149.045 $\pm$ 0.000 χ^2 /NDF: 8208907.3/7

Right Out: 137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

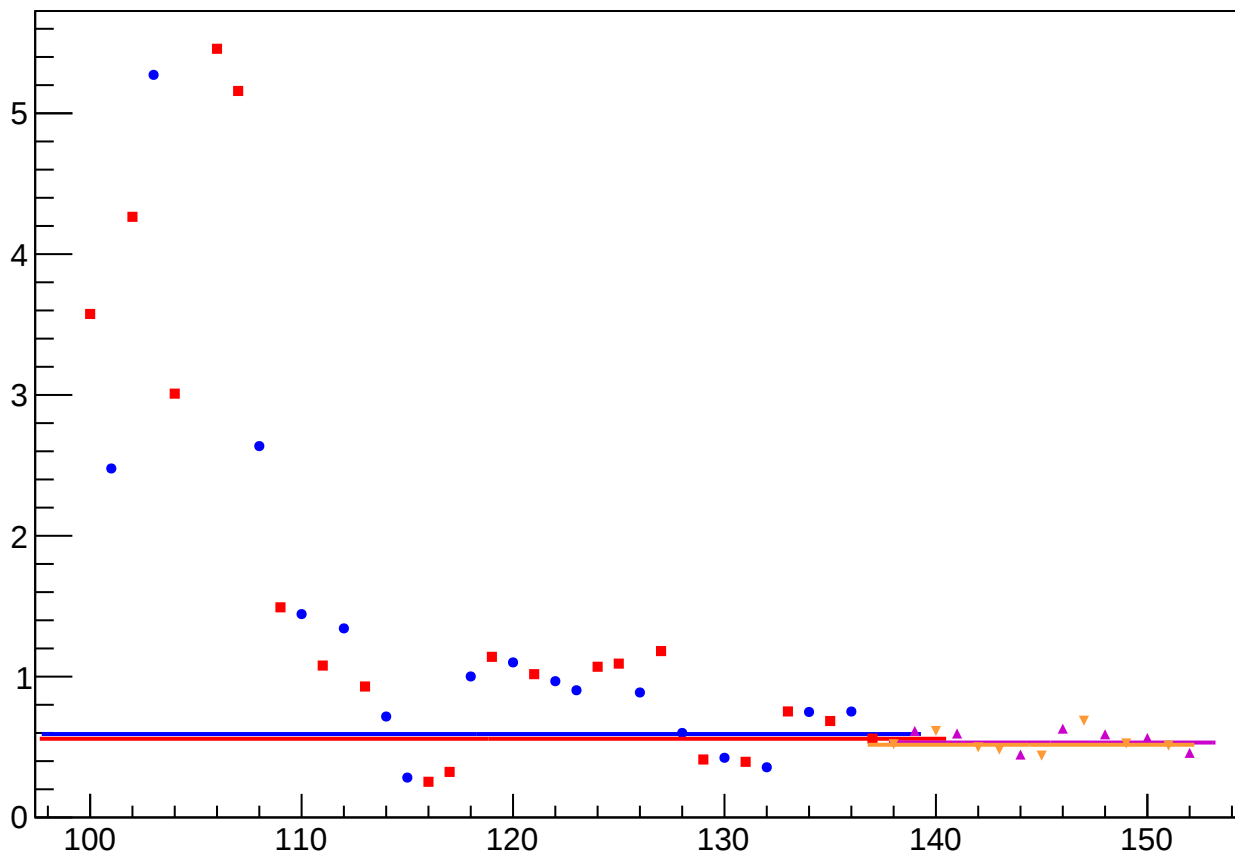
Left In: 149.182 $\pm$ 0.000 χ^2 /NDF: 1934116.1/6

146.306 $\pm$ 0.000 χ^2 /NDF: 1342093629.6/24

145.347 $\pm$ 0.000 χ^2 /NDF: 3712166939.2/24

144.391 $\pm$ 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: 0.516+/-0.000 χ^2/NDF : 162879.3/7

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

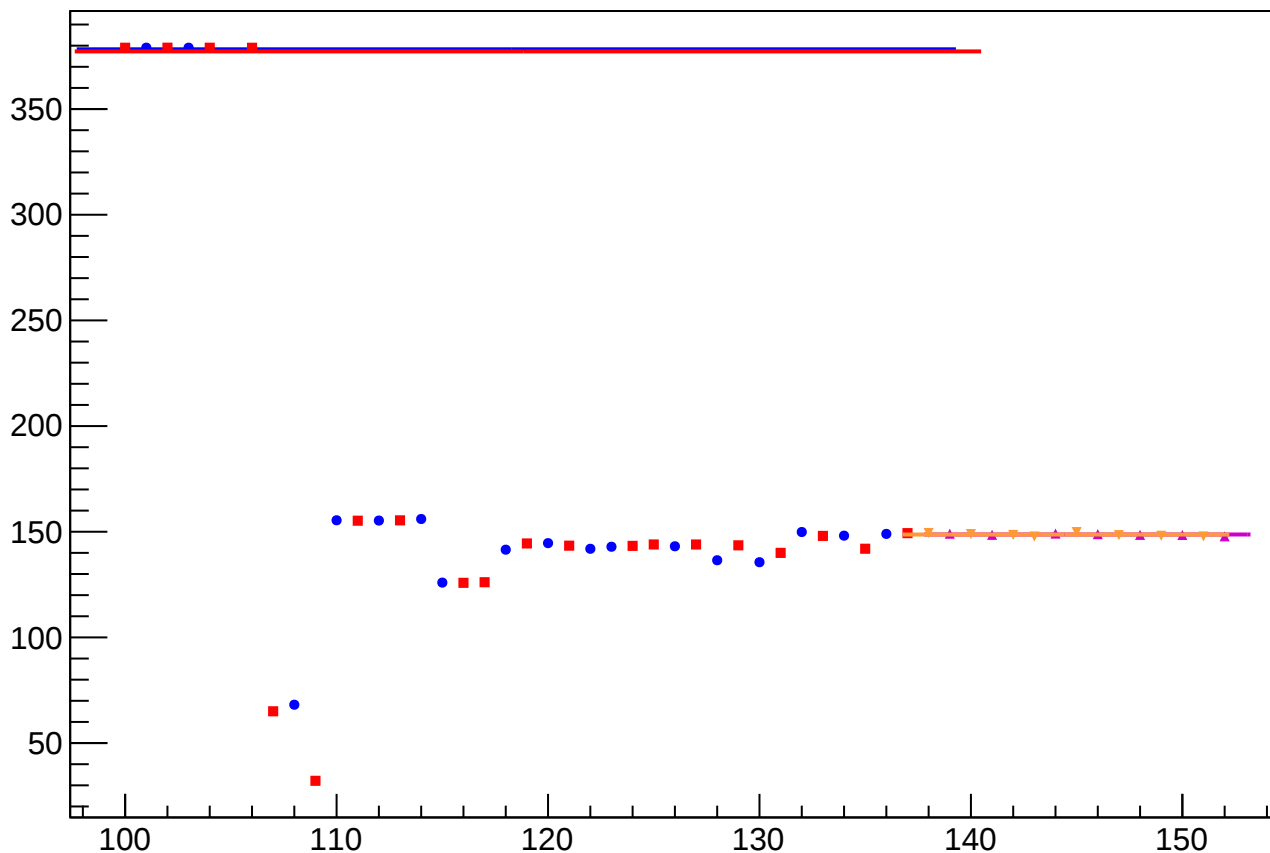
Left In: 0.532+/-0.000 χ^2/NDF : 178079.6/6

0.544+/-0.000 χ^2/NDF : 3758372.1/24

0.543+/-0.000 χ^2/NDF : 8665990.1/51

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: 148.681+/-0.000 χ^2/NDF : 18957998.9/7

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

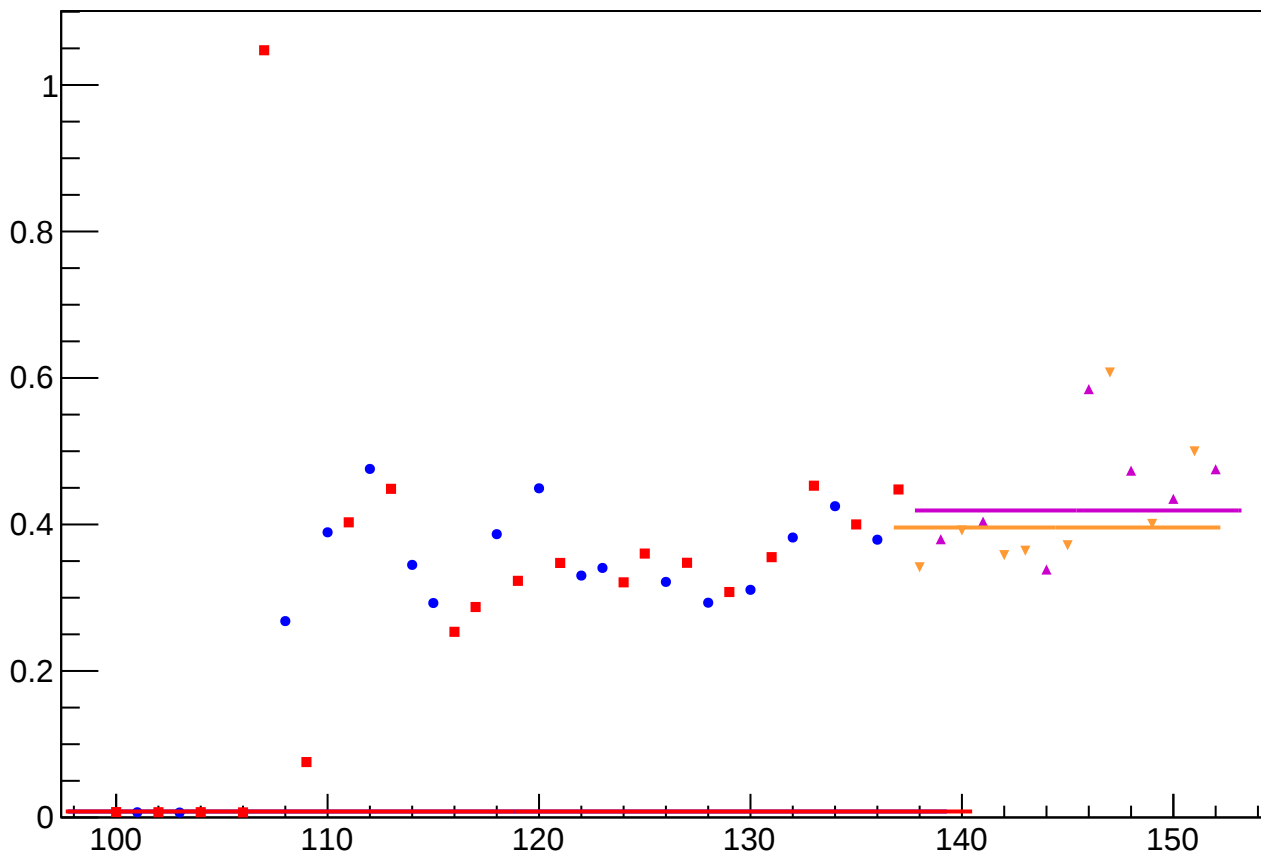
Left In: 148.700+/-0.000 χ^2/NDF : 5181767.9/6

377.689+/-0.000 χ^2/NDF : 4322195548780.5/24

377.228+/-0.000 χ^2/NDF : 142298122390

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: 0.396 $\pm$ 0.000 χ^2/NDF : 305173.7/7

Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 9601959.4/19

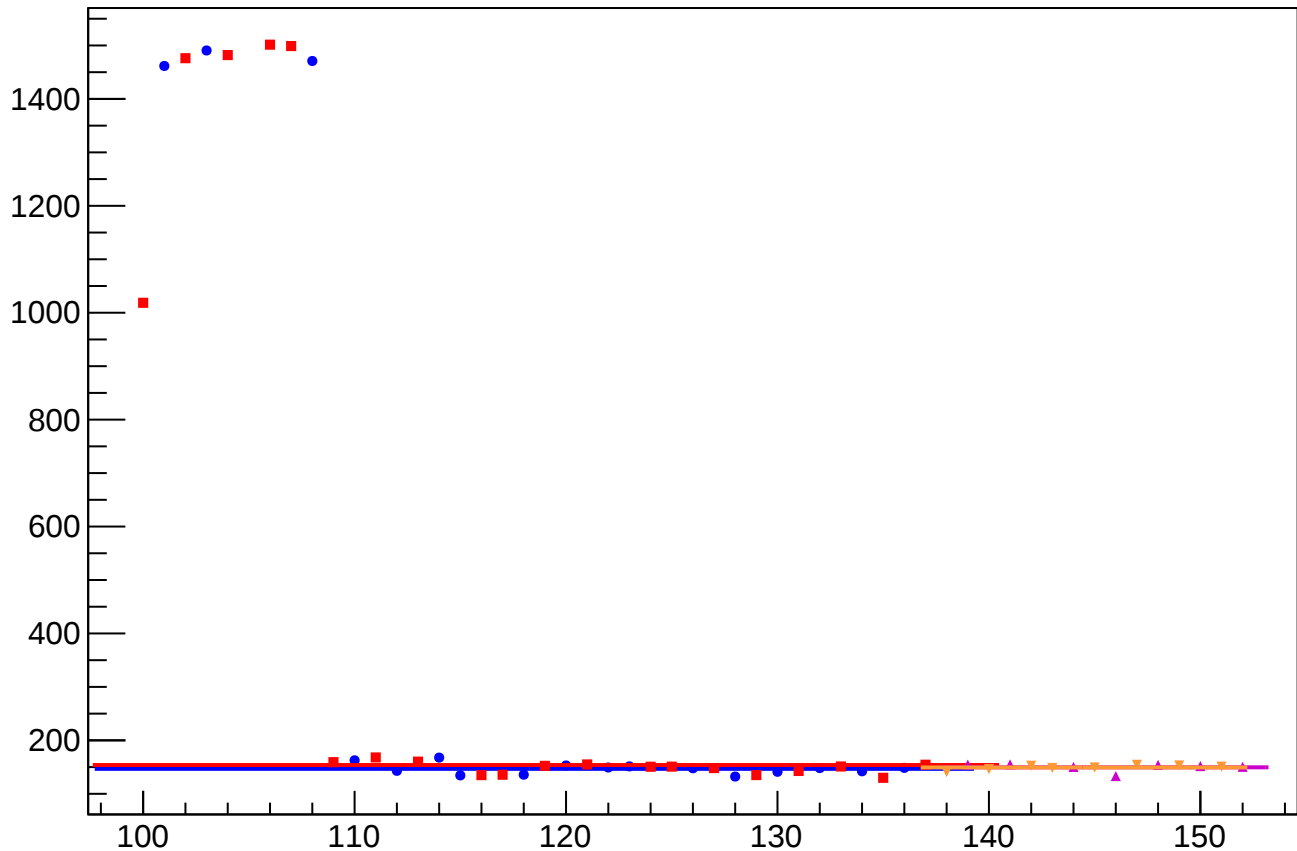
Left In: 0.419 $\pm$ 0.000 χ^2/NDF : 284472.5/6

0.009 $\pm$ 0.000 χ^2/NDF : 20514142.5/24

0.009 $\pm$ 0.000 χ^2/NDF : 40716961.1/51

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: 149.339+/-0.000 χ^2/NDF : 98417667.5/7

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

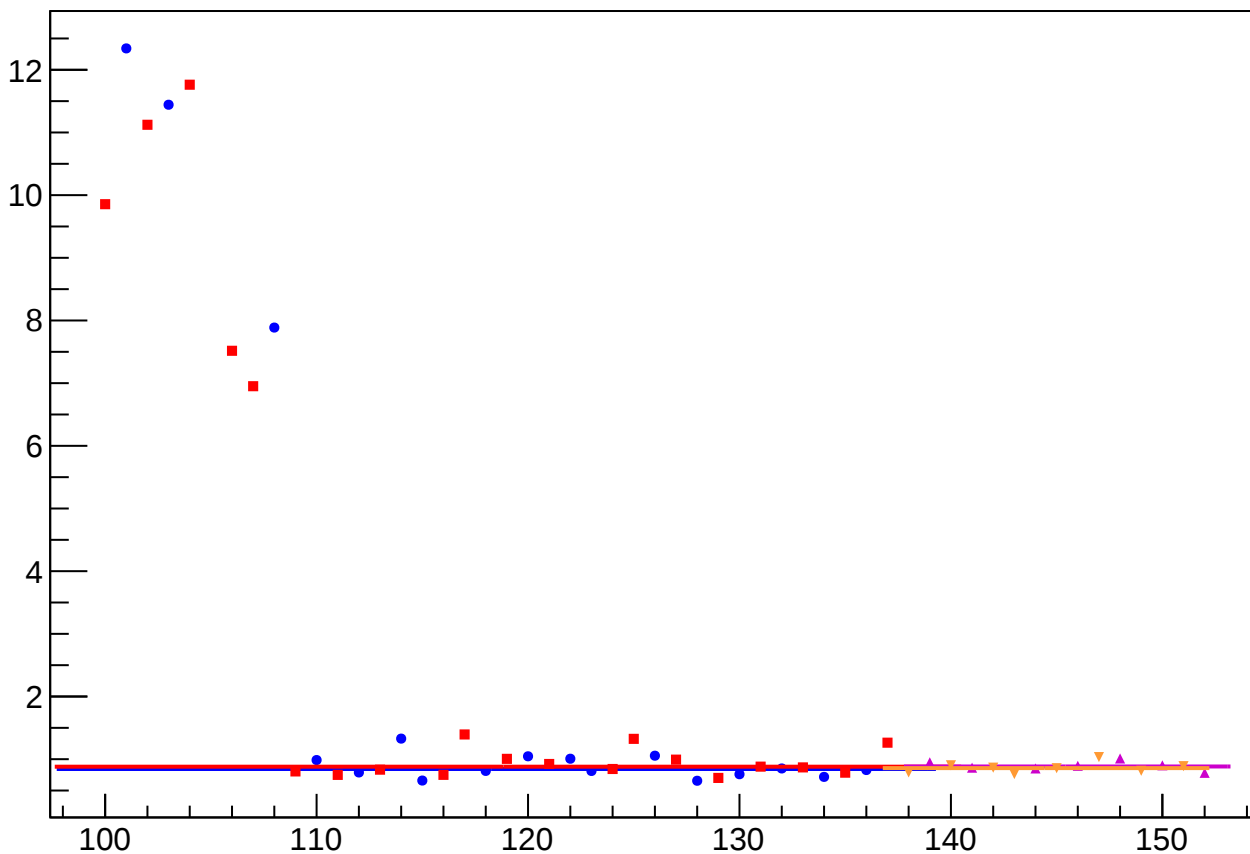
Left In: 149.565+/-0.000 χ^2/NDF : 290242987.7/6

148.095+/-0.000 χ^2/NDF : 24468507668.0/24

149.834+/-0.000 χ^2/NDF : 58622309995.5

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: 0.858 ± 0.000 χ^2/NDF : 69458.1/7

Right Out: 0.880 ± 0.000 χ^2/NDF : 2823230.1/19

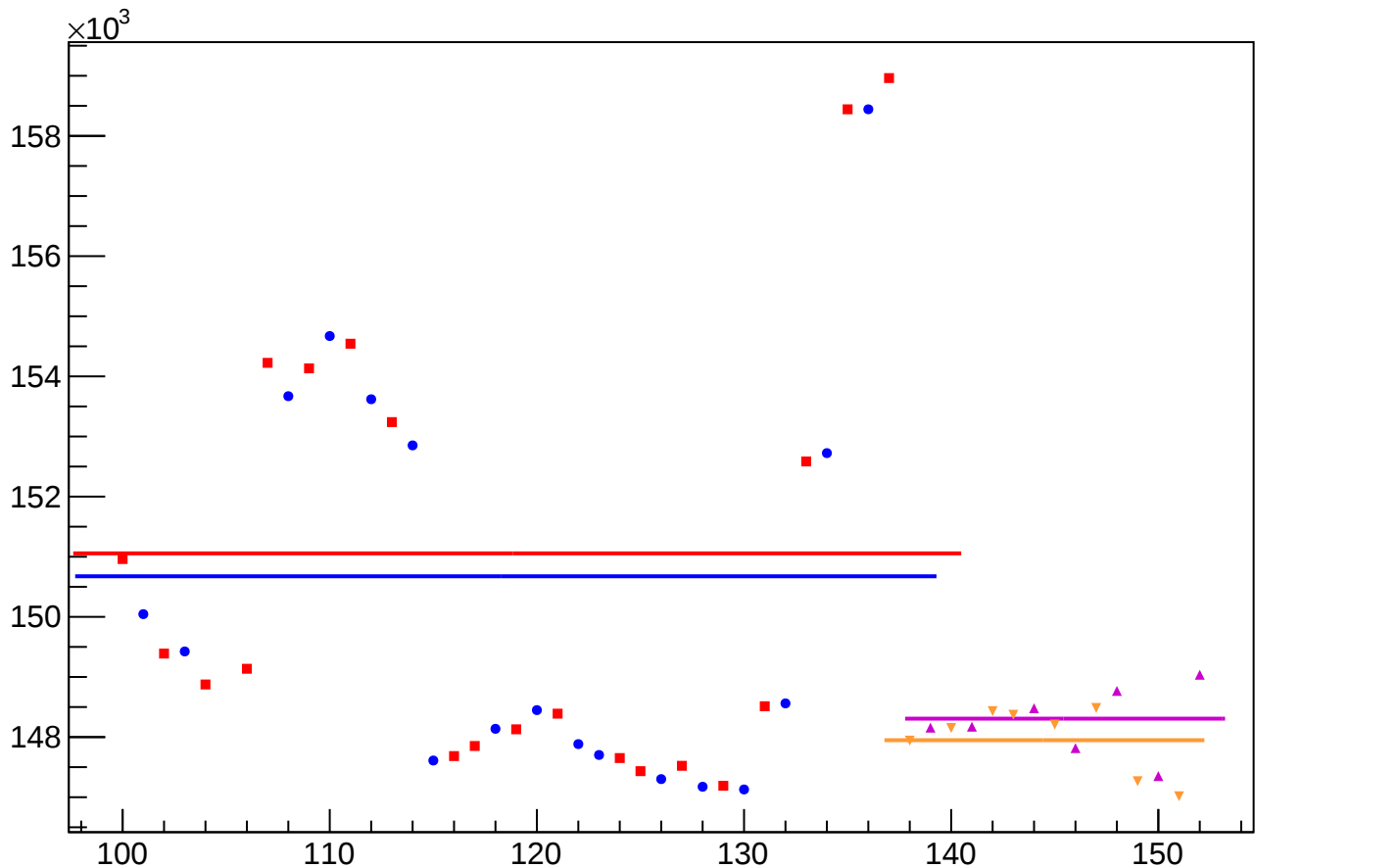
Left In: 0.884 ± 0.000 χ^2/NDF : 53513.7/6

0.851 ± 0.000 χ^2/NDF : 2741019.5/24

0.866 ± 0.000 χ^2/NDF : 5628651.3/51

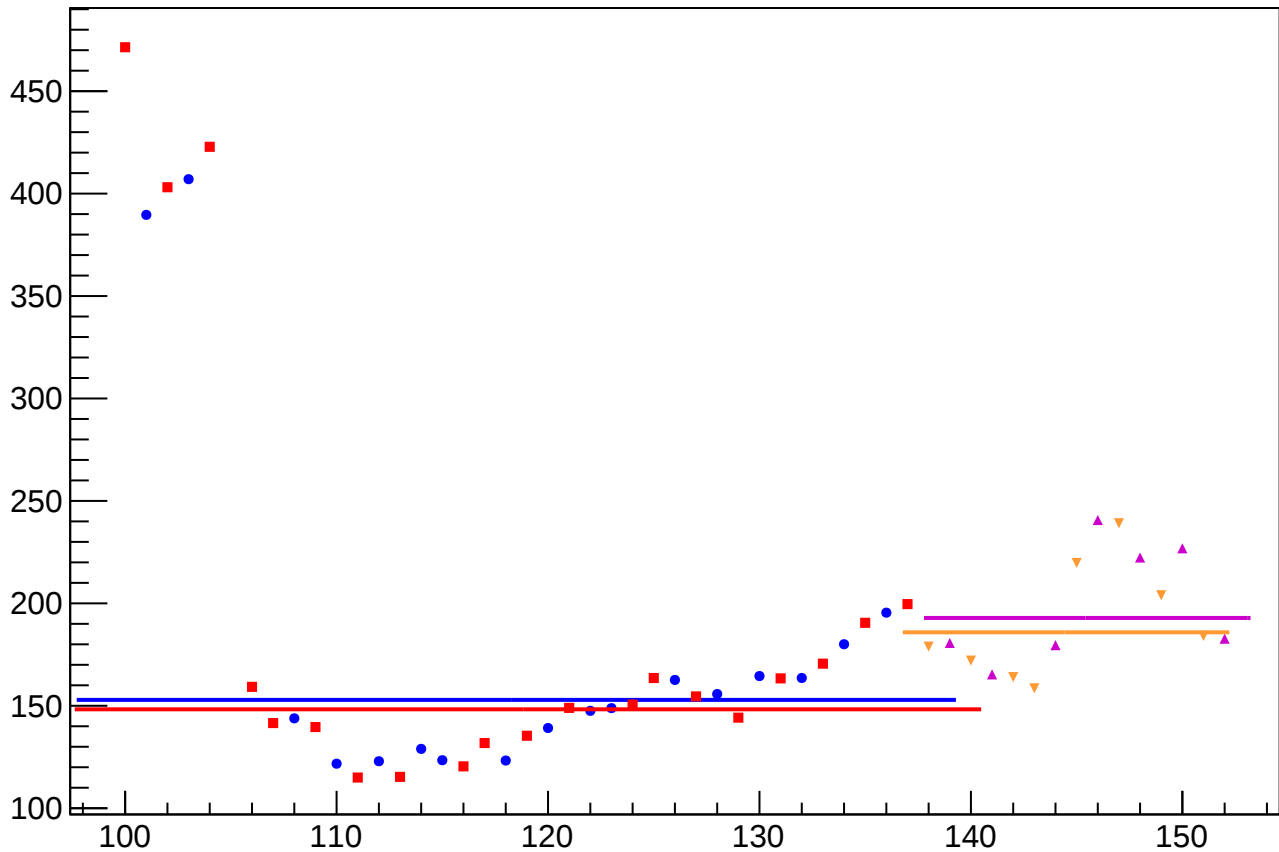
0.882 ± 0.000 χ^2/NDF : 2876806.3/26

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150675.025 $\pm$ 0.063	χ^2 /NDF: 3309974859.4/16	149607.873 $\pm$ 0.049	χ^2 /NDF: 4087844473.2/24
Left Out: 147948.360 $\pm$ 0.079	χ^2 /NDF: 43849563.5/7	149864.243 $\pm$ 0.034	χ^2 /NDF: 823917753
Right Out: 151056.044 $\pm$ 0.059	χ^2 /NDF: 3325519080.9/19	150110.555 $\pm$ 0.048	χ^2 /NDF: 4097918542.8/26
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: 185.860 $\pm$ 0.056 χ^2 /NDF:192266.2/7

Right Out: 148.278 $\pm$ 0.042 χ^2 /NDF: 1192879.8/19

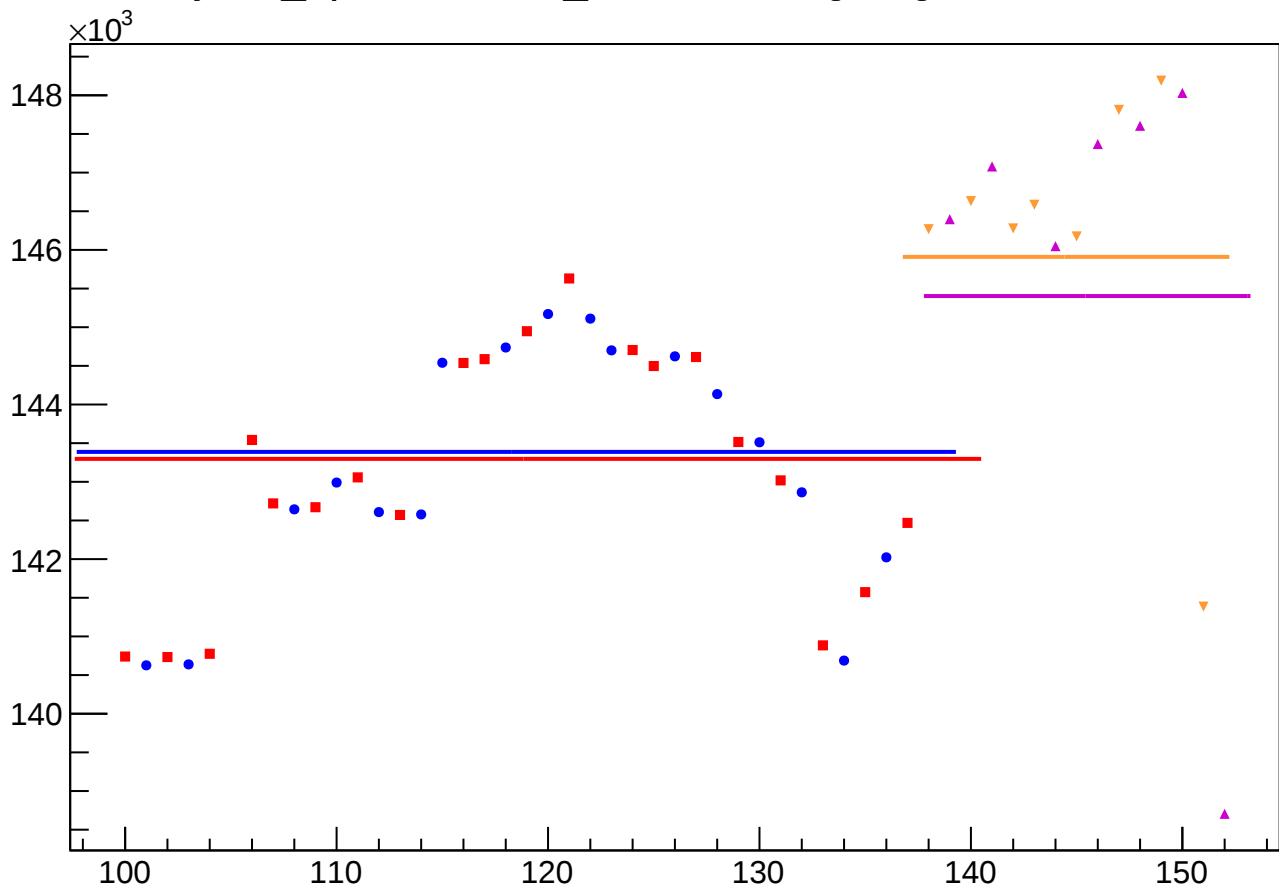
Left In: 192.875 $\pm$ 0.058 χ^2 /NDF:195705.8/6

165.790 $\pm$ 0.035 χ^2 /NDF: 1561090.2/24

164.681 $\pm$ 0.024 χ^2 /NDF: 3338860.0/51

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: 145909.669 $\pm$ 0.078 χ^2 /NDF: 723016899.7/7

Right Out: 143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

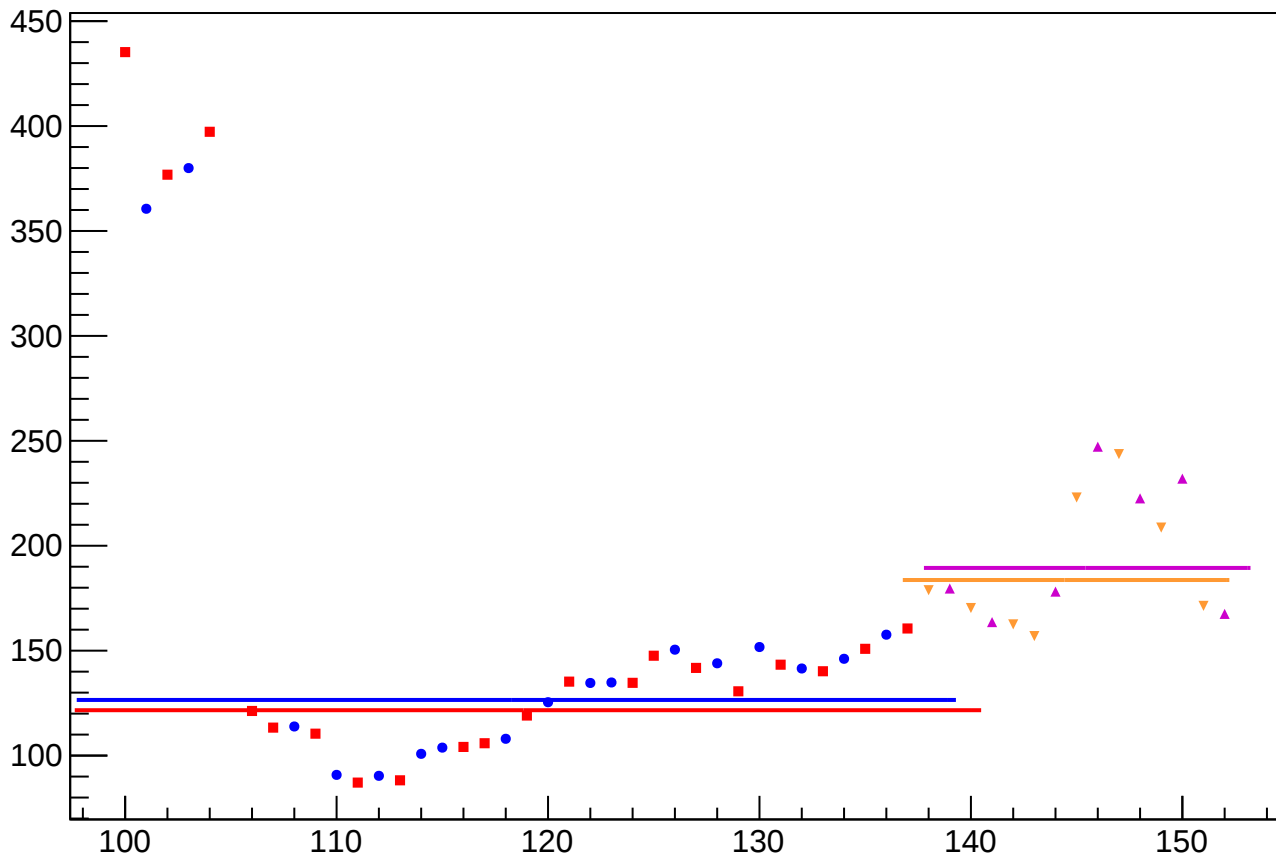
Left In: 145403.186 $\pm$ 0.081 χ^2 /NDF: 1646883162.7/6

144179.734 $\pm$ 0.044 χ^2 /NDF: 1963601945.3/24

144012.536 $\pm$ 0.030 χ^2 /NDF: 474949863

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: 183.670 +/- 0.055 χ^2/NDF : 234921.9/7

Right Out: 121.625 +/- 0.035 χ^2/NDF : 1465763.8/19

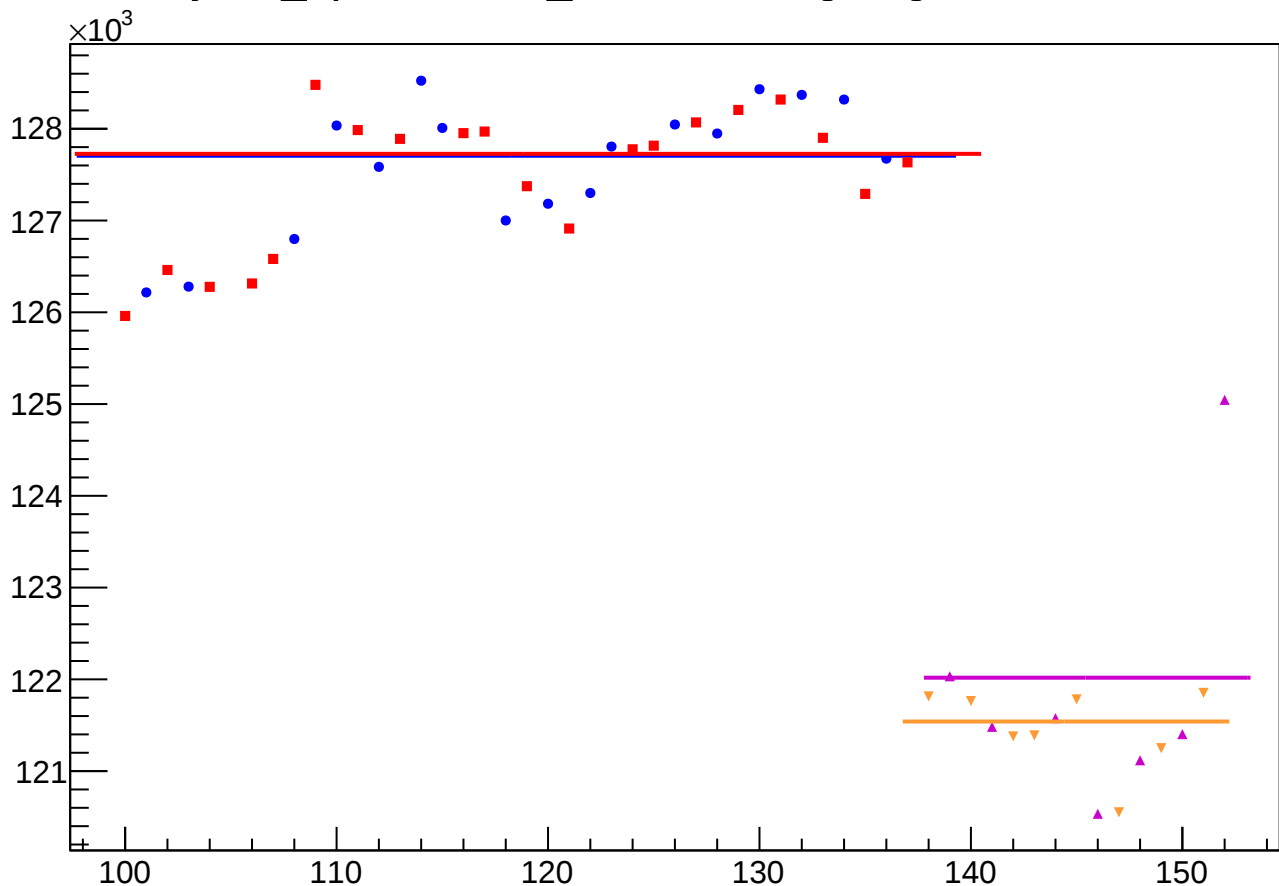
Left In: 189.428 +/- 0.057 χ^2/NDF : 258327.7/6

144.473 +/- 0.031 χ^2/NDF : 2415125.7/24

141.996 +/- 0.021 χ^2/NDF : 5178867.0/51

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: 121540.468 $\pm$ 0.069 χ^2 /NDF: 22601853.9/7

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

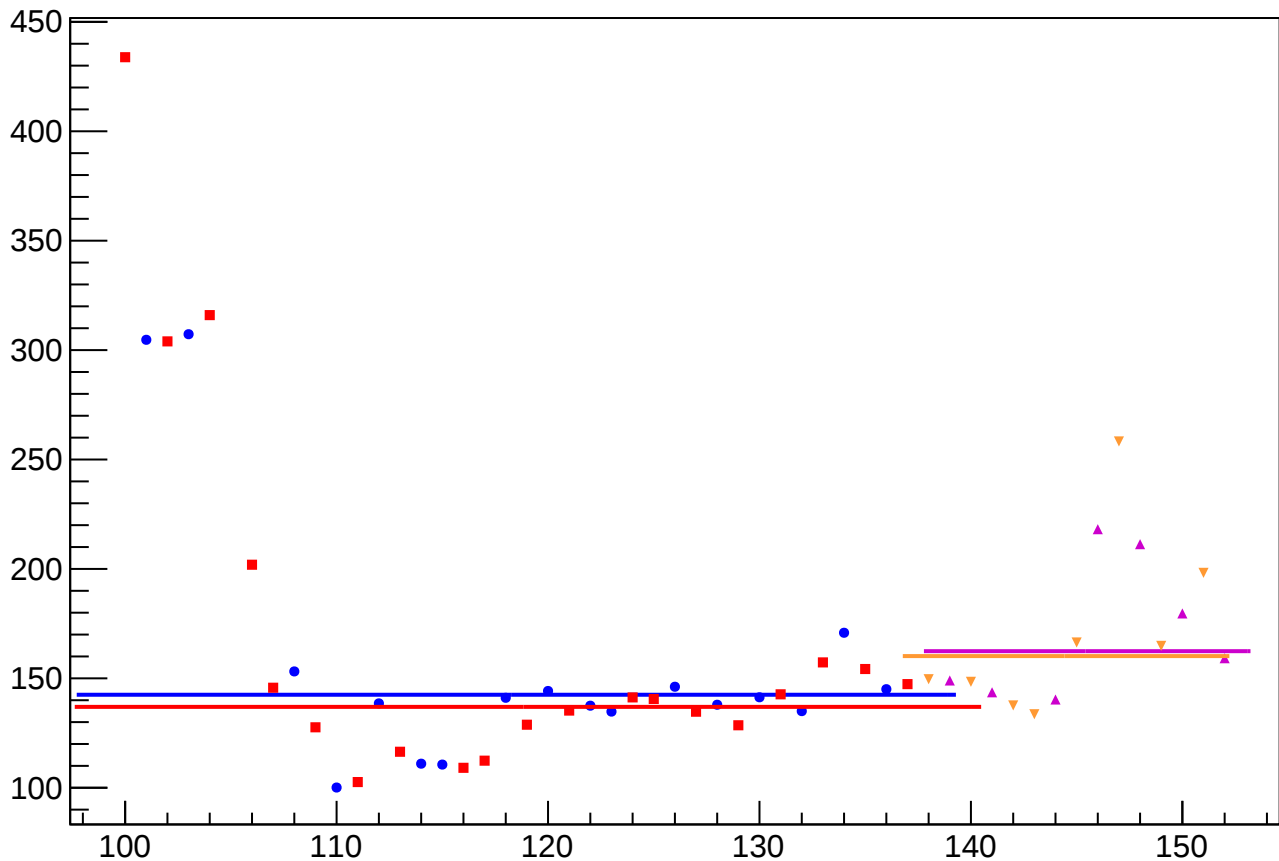
Left In: 122017.994 $\pm$ 0.070 χ^2 /NDF: 368942402.5/6

125151.448 $\pm$ 0.044 χ^2 /NDF: 4793387369.5/24

125375.215 $\pm$ 0.031 χ^2 /NDF: 948059765

125583.600 $\pm$ 0.043 χ^2 /NDF: 4638226846.1/26

yield_bpm0l01WS_rms vs Slug, Sign Corrected



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

Left Out: 160.169 $\pm$ 0.049 χ^2 /NDF: 372063.9/7

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

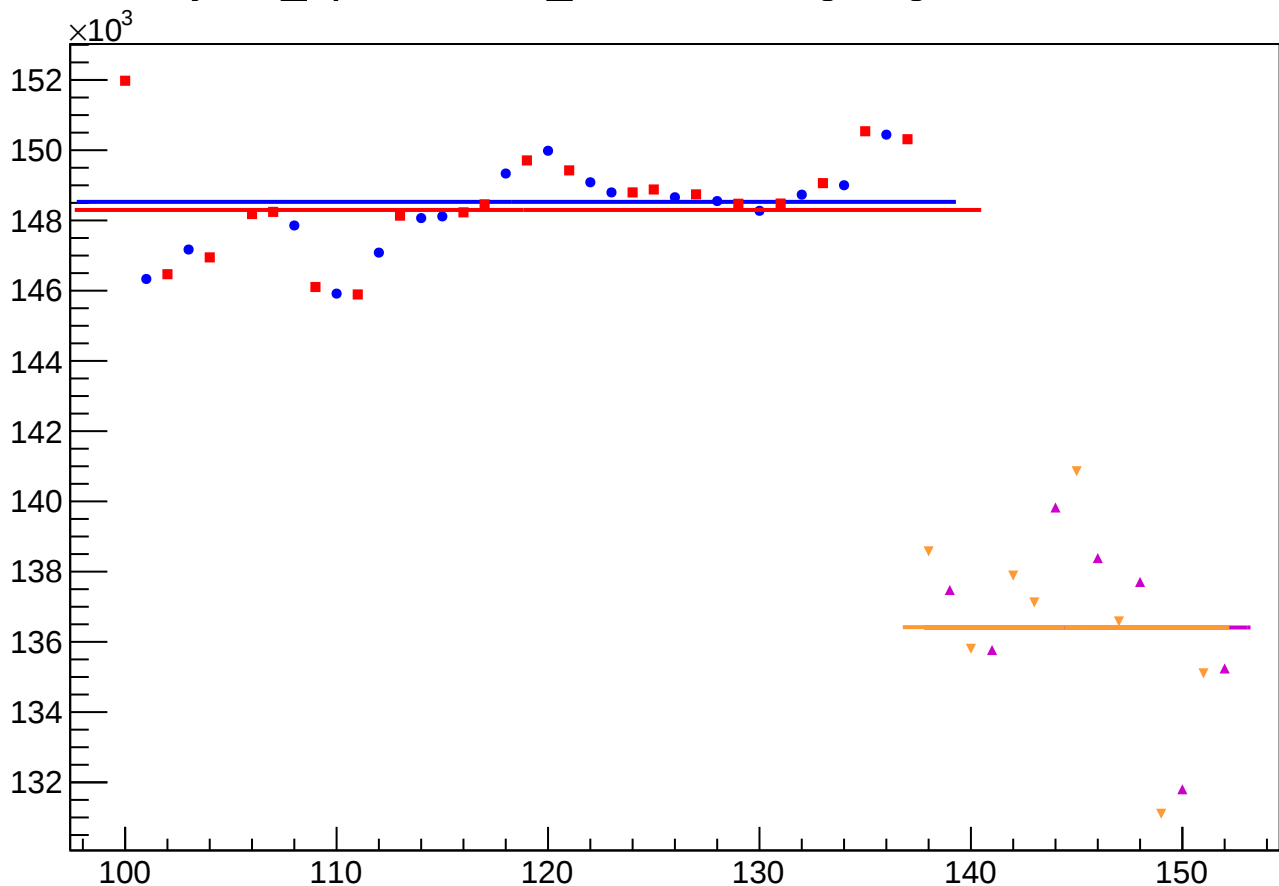
Left In: 162.414 $\pm$ 0.049 χ^2 /NDF: 281069.4/6

149.822 $\pm$ 0.031 χ^2 /NDF: 1285063.2/24

148.111 $\pm$ 0.022 χ^2 /NDF: 2698554.8/51

146.518 $\pm$ 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: 136418.902 $\pm$ 0.104 χ^2/NDF : 724879438.3/7

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

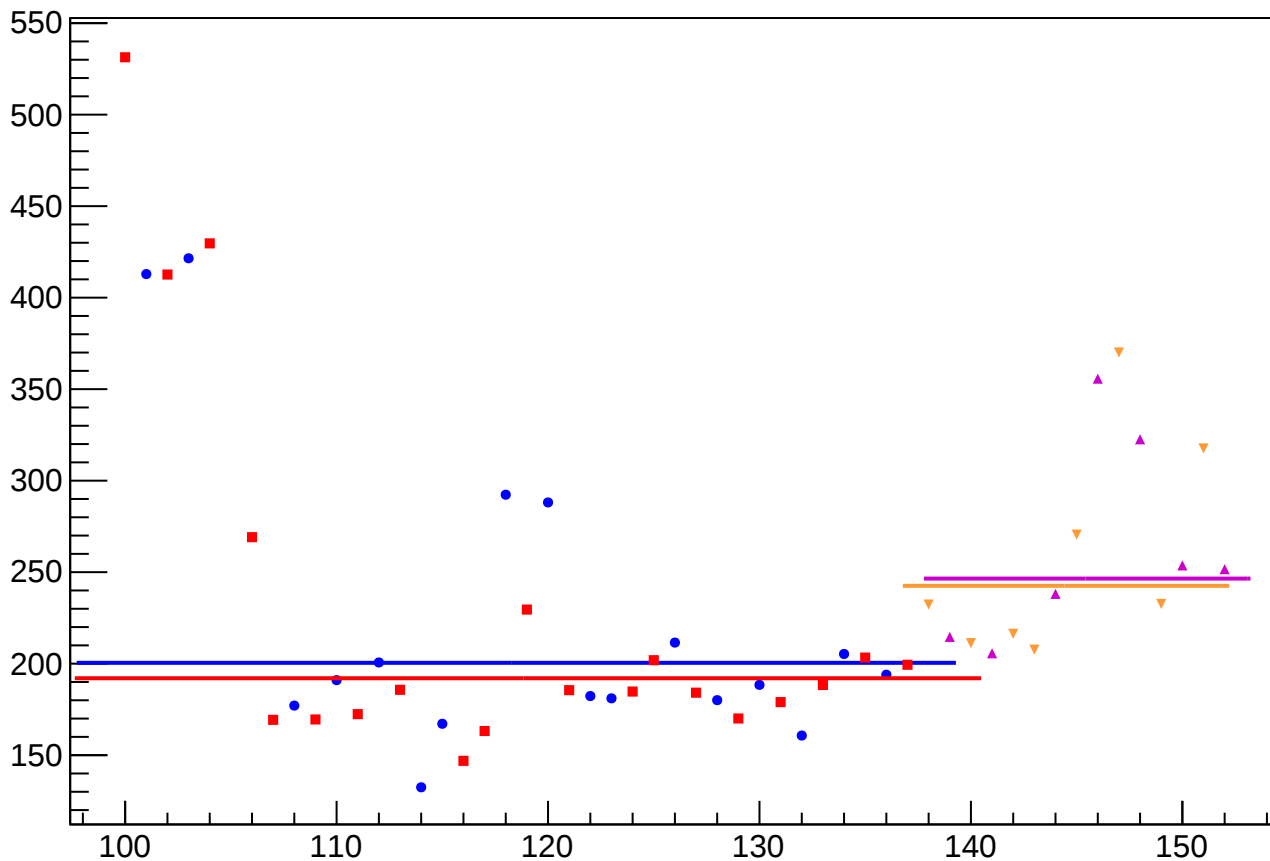
Left In: 136408.964 $\pm$ 0.106 χ^2/NDF : 532668789.0/6

143877.528 $\pm$ 0.064 χ^2/NDF : 9297481643.7/24

144076.448 $\pm$ 0.045 χ^2/NDF : 184418603

144259.628 $\pm$ 0.062 χ^2/NDF : 9126057147.8/26

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 200.472 $\pm$ 0.058 χ^2/NDF : 936547.2/16

Left Out: 242.545 $\pm$ 0.073 χ^2/NDF : 374004.1/7

Right Out: 192.040 $\pm$ 0.054 χ^2/NDF : 847133.0/19

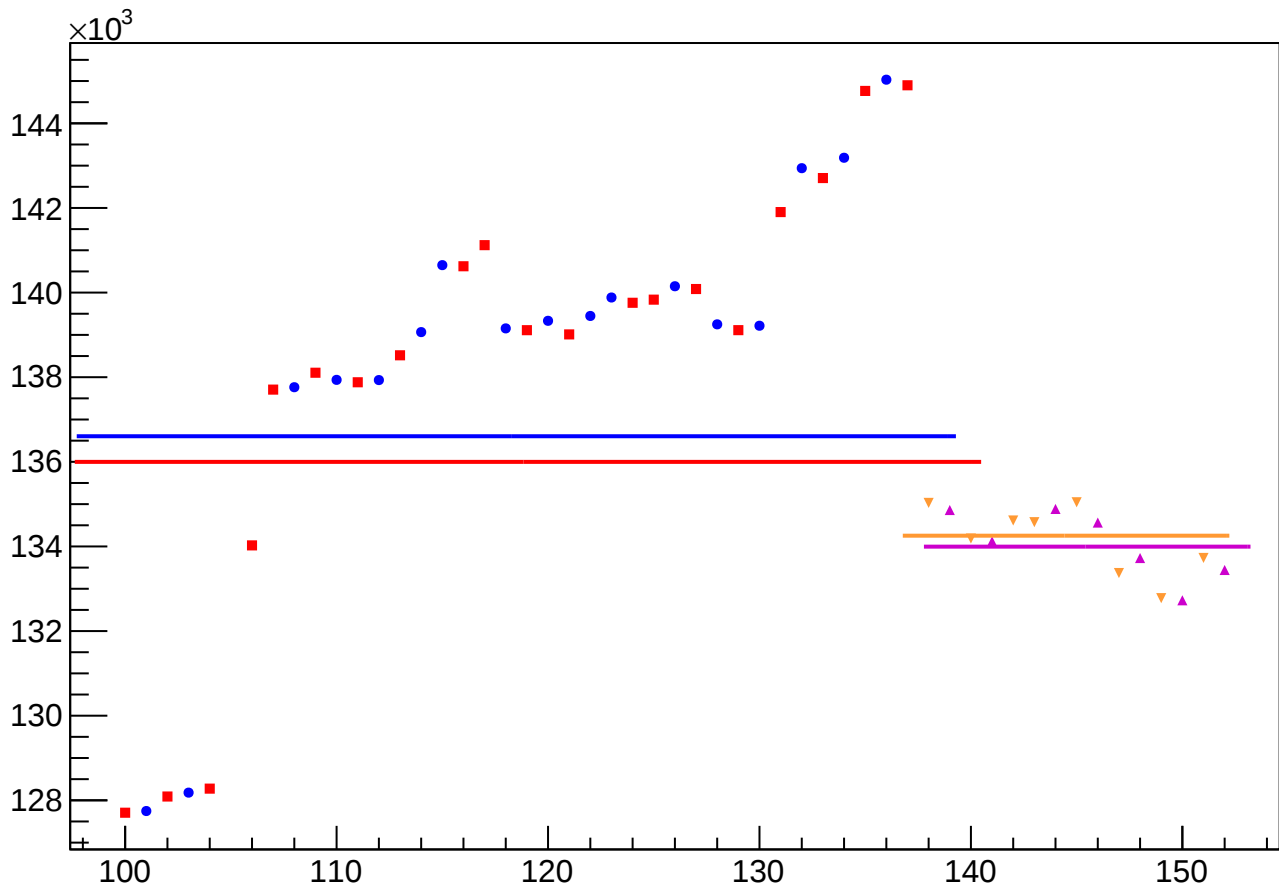
Left In: 246.495 $\pm$ 0.075 χ^2/NDF : 332495.5/6

216.632 $\pm$ 0.046 χ^2/NDF : 1512426.9/24

213.460 $\pm$ 0.032 χ^2/NDF : 3049584.9/51

210.539 $\pm$ 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: 134254.325 $\pm$ 0.224 χ^2/NDF : 10297092.1/7

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

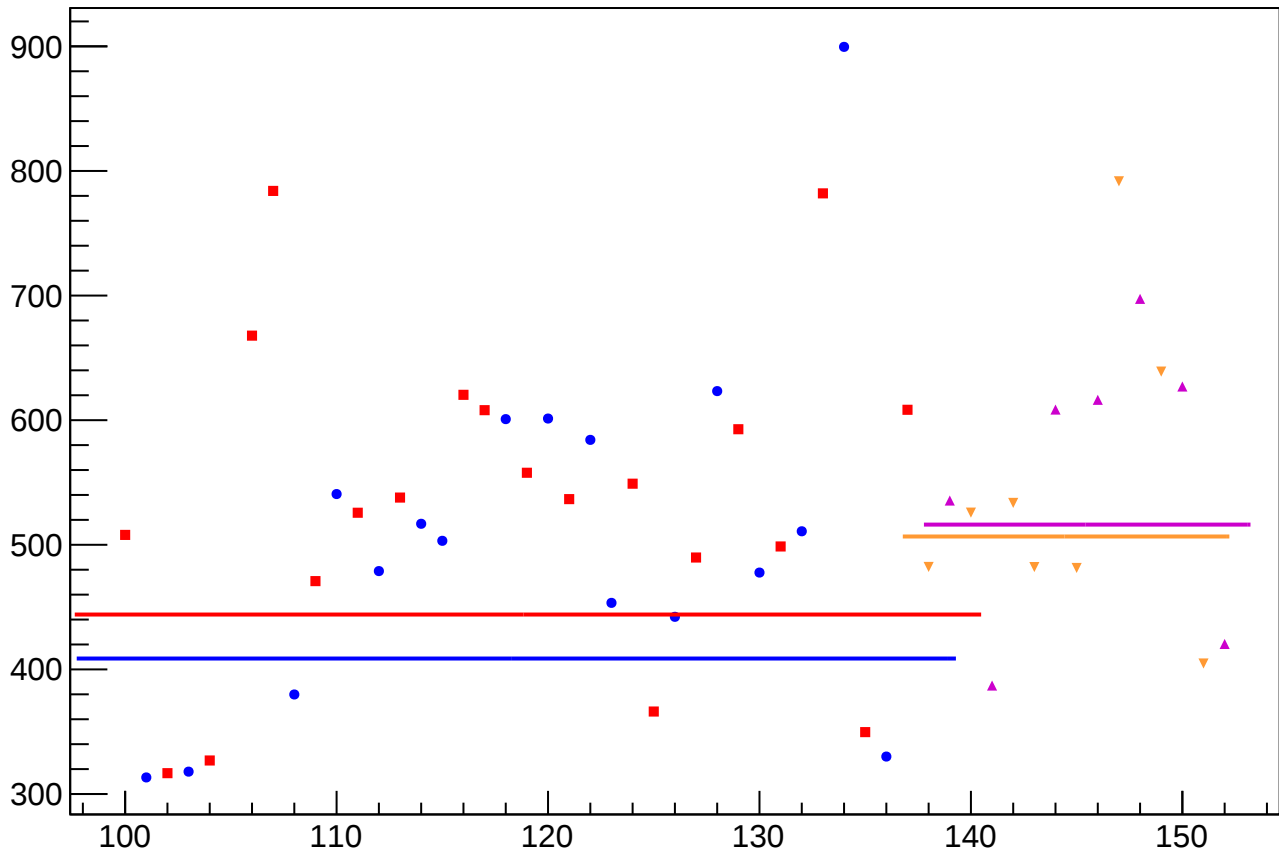
Left In: 133995.364 $\pm$ 0.239 χ^2/NDF : 8207076.2/6

135734.454 $\pm$ 0.136 χ^2/NDF : 1574236552.1/24

135512.836 $\pm$ 0.099 χ^2/NDF : 271743012

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: 506.658 $\pm$ 0.158 χ^2 /NDF: 348157.3/7

Right Out: 444.034 $\pm$ 0.129 χ^2 /NDF: 922545.8/19

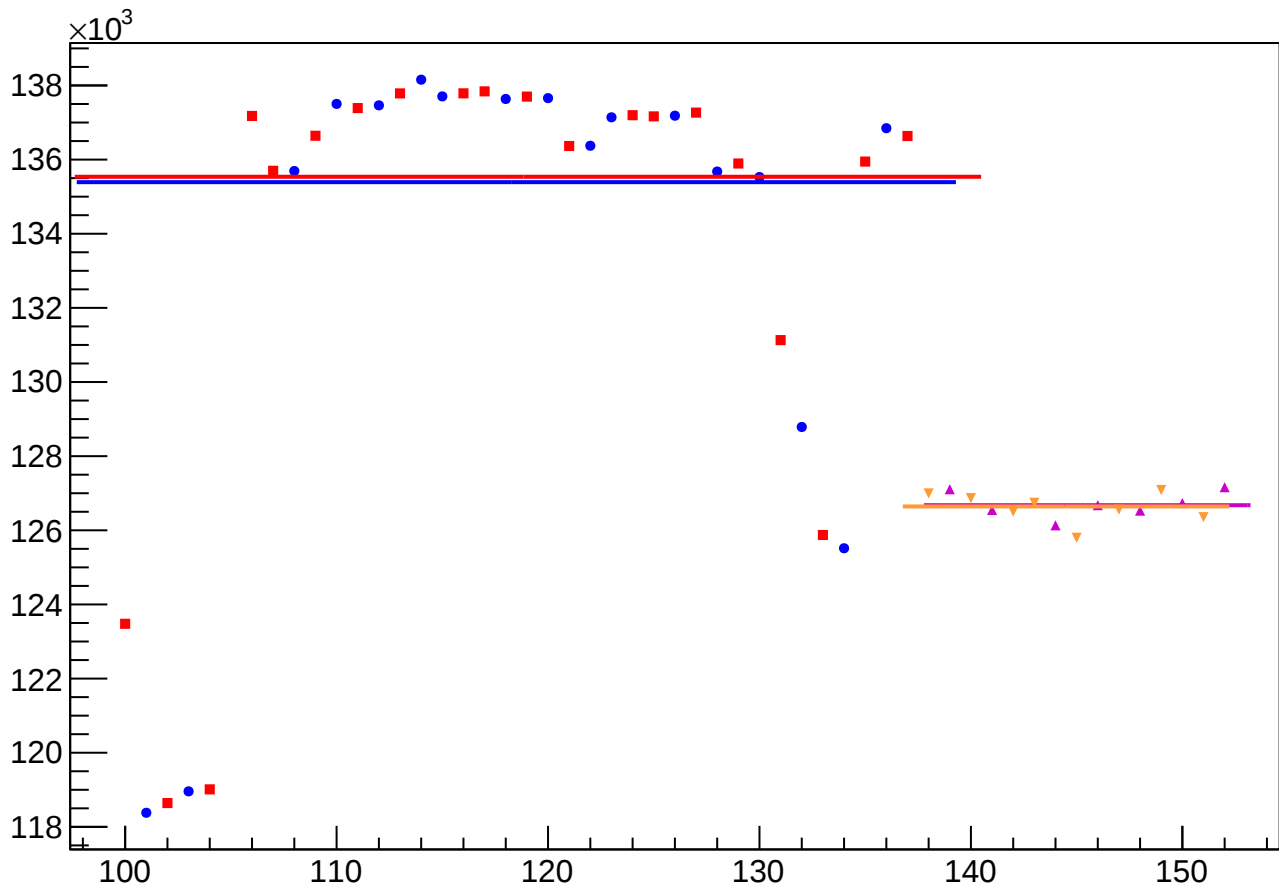
Left In: 516.203 $\pm$ 0.169 χ^2 /NDF: 433253.0/6

444.987 $\pm$ 0.096 χ^2 /NDF: 1413030.6/24

456.983 $\pm$ 0.070 χ^2 /NDF: 2917327.3/51

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: 126643.676 $\pm$ 0.074 χ^2 /NDF: 27882759.8/7

131385.416 $\pm$ 0.050 χ^2 /NDF: 12128160799.1/2

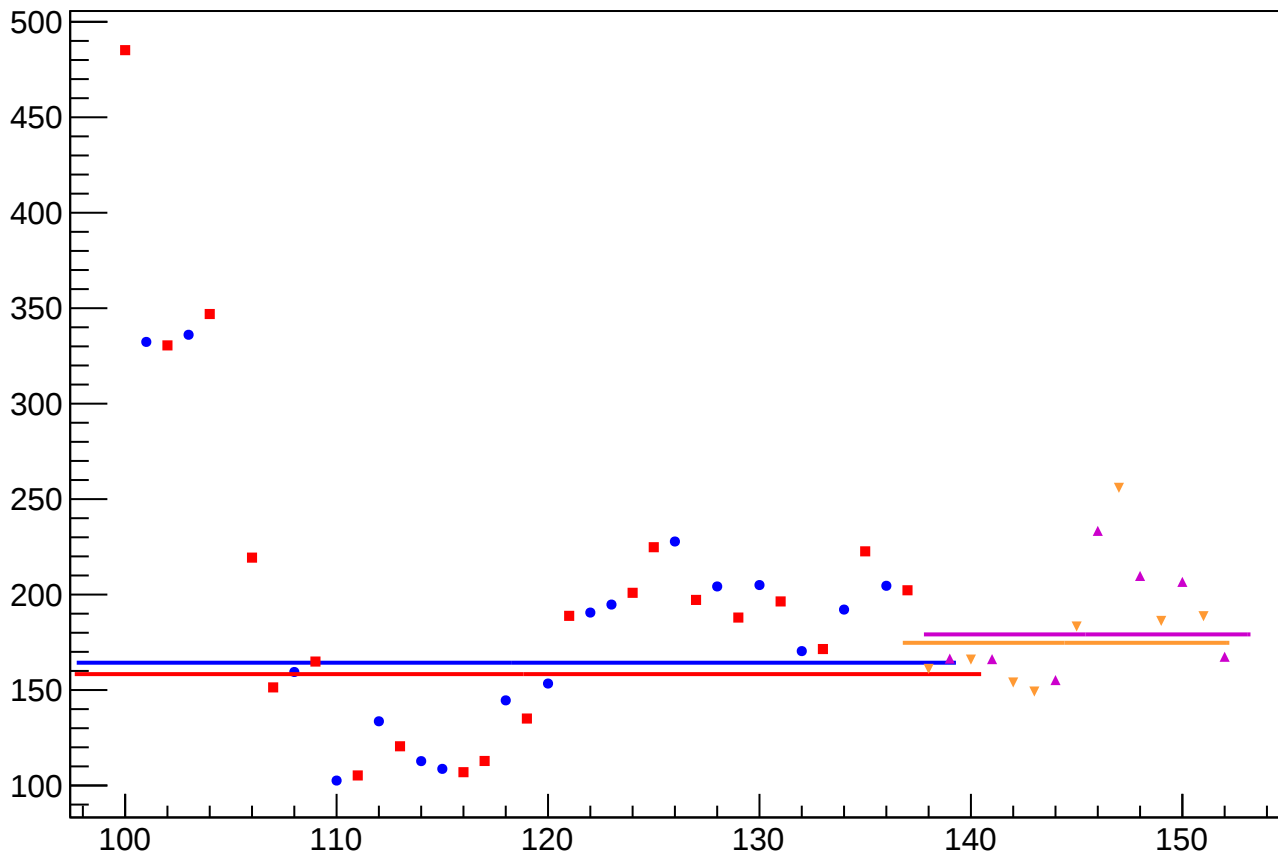
Right Out: 135537.290 $\pm$ 0.064 χ^2 /NDF: 4748951957.4/19

131646.916 $\pm$ 0.035 χ^2 /NDF: 248425392

Left In: 126677.473 $\pm$ 0.077 χ^2 /NDF: 22571897.8/6

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: 174.737+/-0.053 χ^2/NDF : 241952.3/7

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

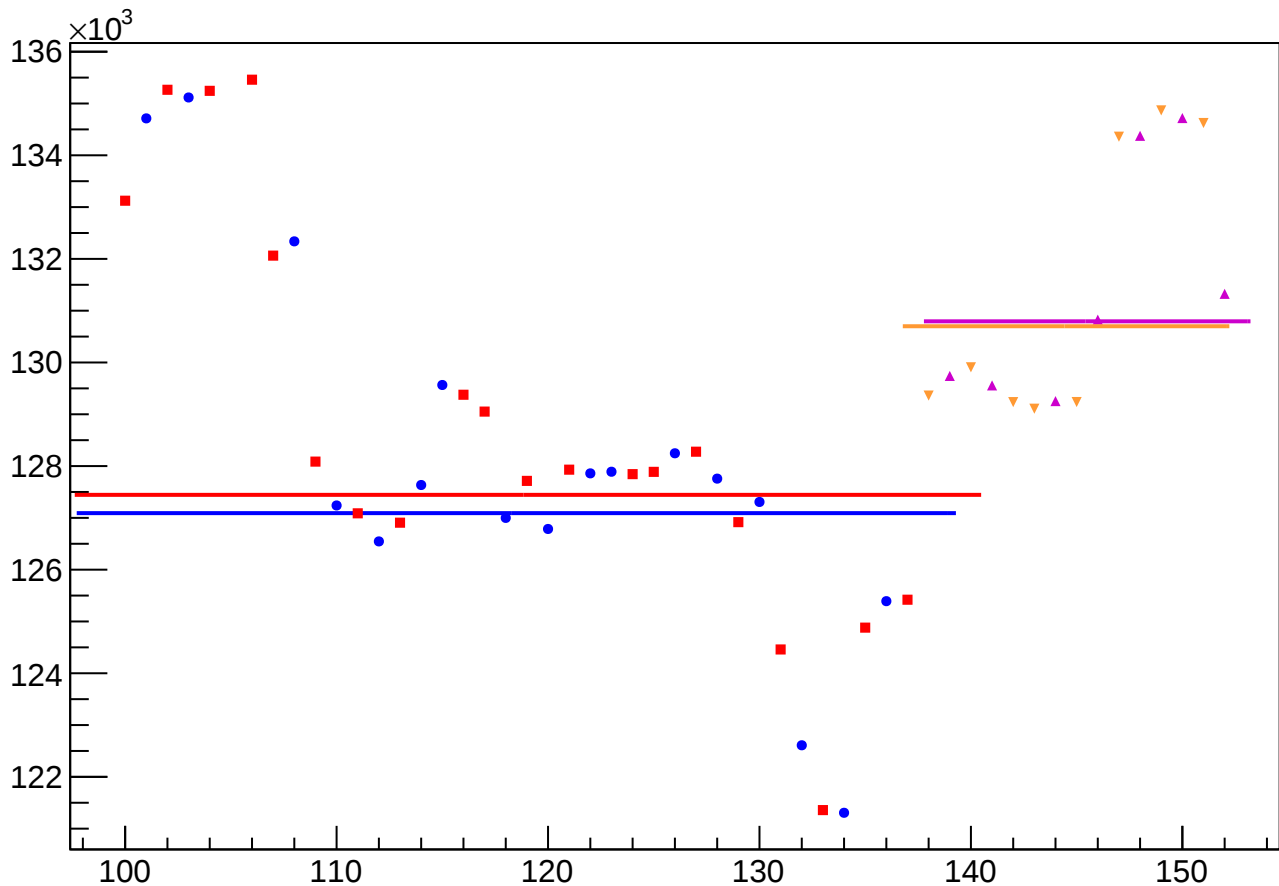
Left In: 179.139+/-0.054 χ^2/NDF : 214312.5/6

169.086+/-0.036 χ^2/NDF : 1493805.1/24

167.959+/-0.025 χ^2/NDF : 3195396.3/51

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: 130699.589 $\pm$ 0.077 χ^2 /NDF: 907881244.0/7

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

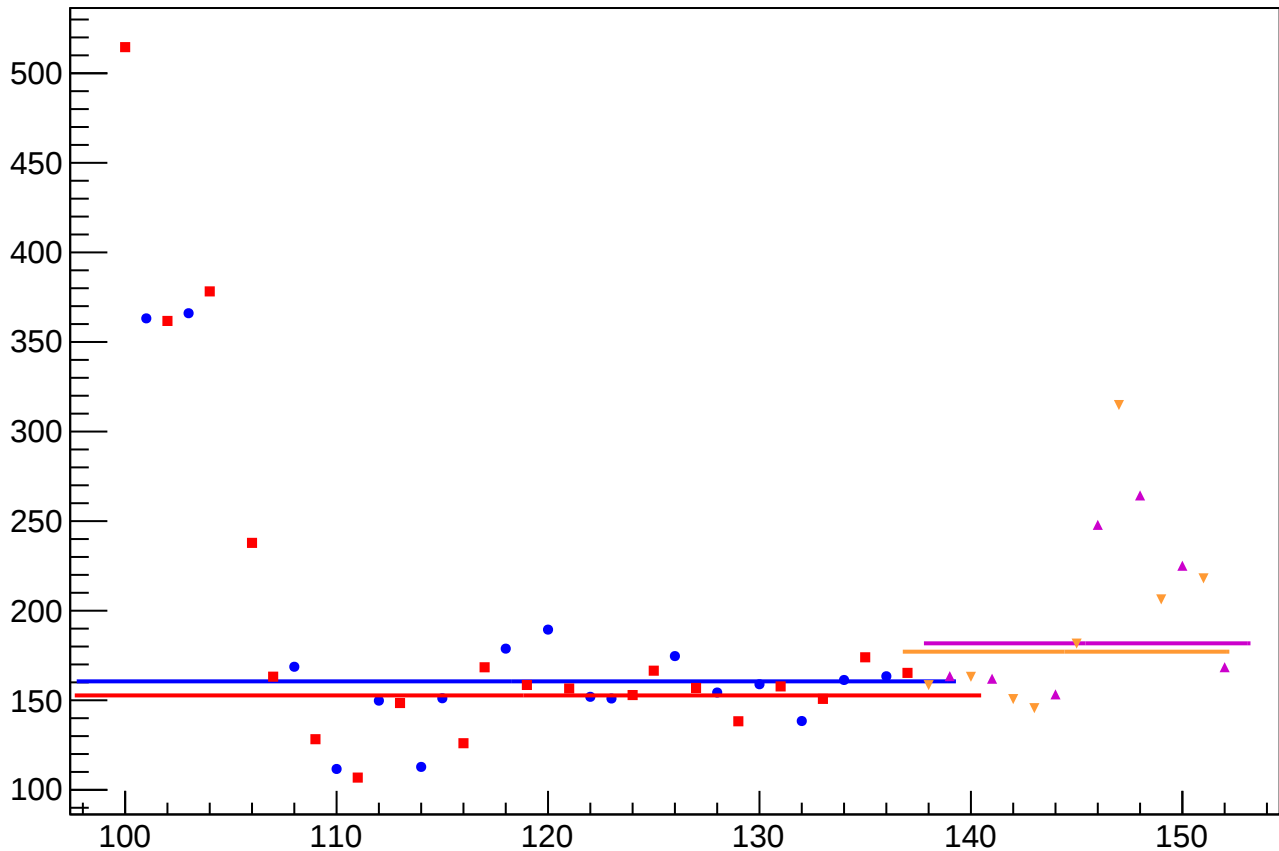
Left In: 130794.734 $\pm$ 0.079 χ^2 /NDF: 571329598.1/6

128637.965 $\pm$ 0.050 χ^2 /NDF: 3894331517.7/24

128677.360 $\pm$ 0.035 χ^2 /NDF: 767829746

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: 177.131 $\pm$ 0.054 χ^2 /NDF: 499033.5/7

Right Out: 152.711 $\pm$ 0.043 χ^2 /NDF: 1087186.3/19

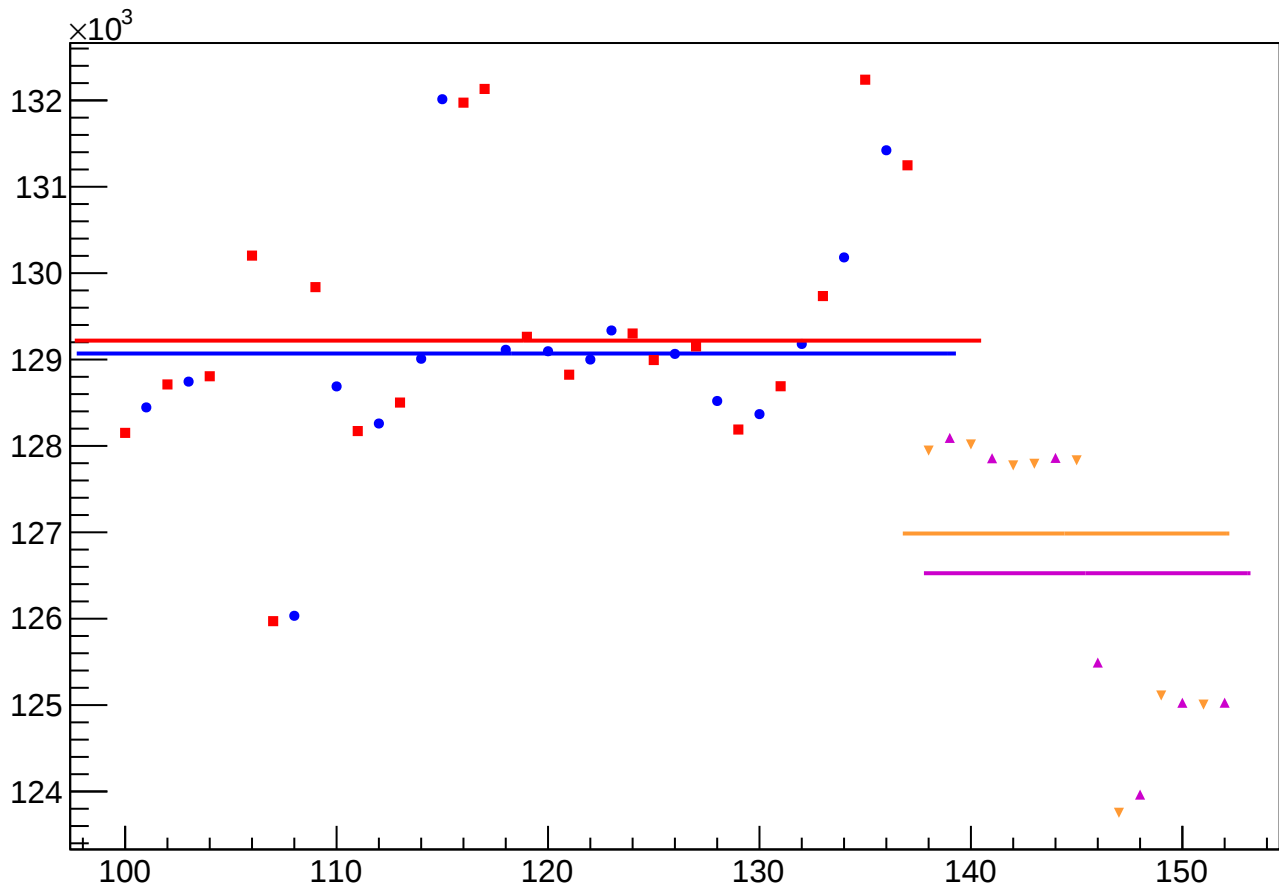
Left In: 181.788 $\pm$ 0.056 χ^2 /NDF: 436401.3/6

167.665 $\pm$ 0.035 χ^2 /NDF: 1495296.2/24

165.627 $\pm$ 0.025 χ^2 /NDF: 3195323.3/51

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: 126986.090 ± 0.072 $\chi^2/\text{NDF}: 396641633.5/7$

Right Out: 129219.072 ± 0.056 $\chi^2/\text{NDF}: 660468184.1/19$

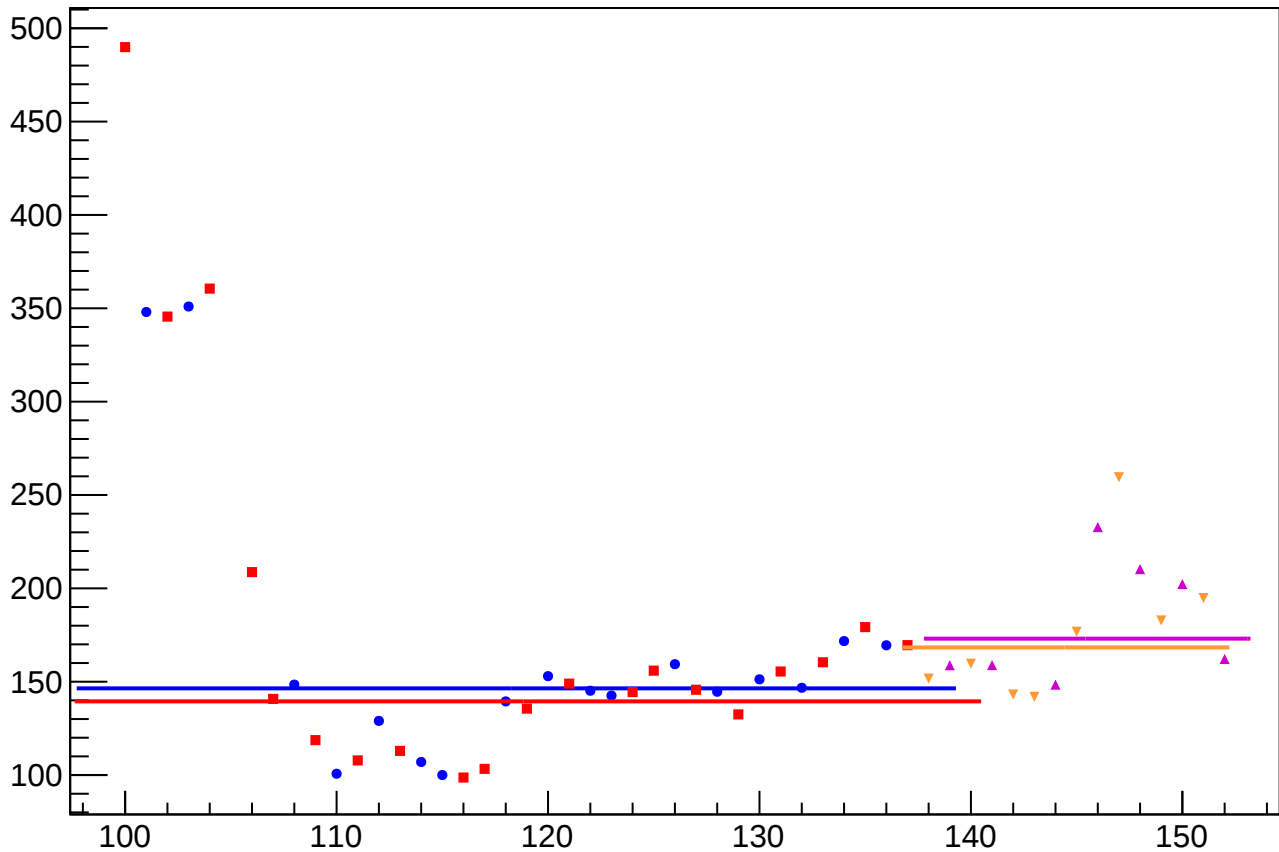
Left In: 126526.361 ± 0.074 $\chi^2/\text{NDF}: 439504534.1/6$

128211.037 ± 0.046 $\chi^2/\text{NDF}: 1367480090.4/24$

128229.487 ± 0.032 $\chi^2/\text{NDF}: 331059450$

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: 168.343 +/- 0.051 χ^2/NDF : 326634.8/7

Right Out: 139.468 +/- 0.039 χ^2/NDF : 1214310.8/19

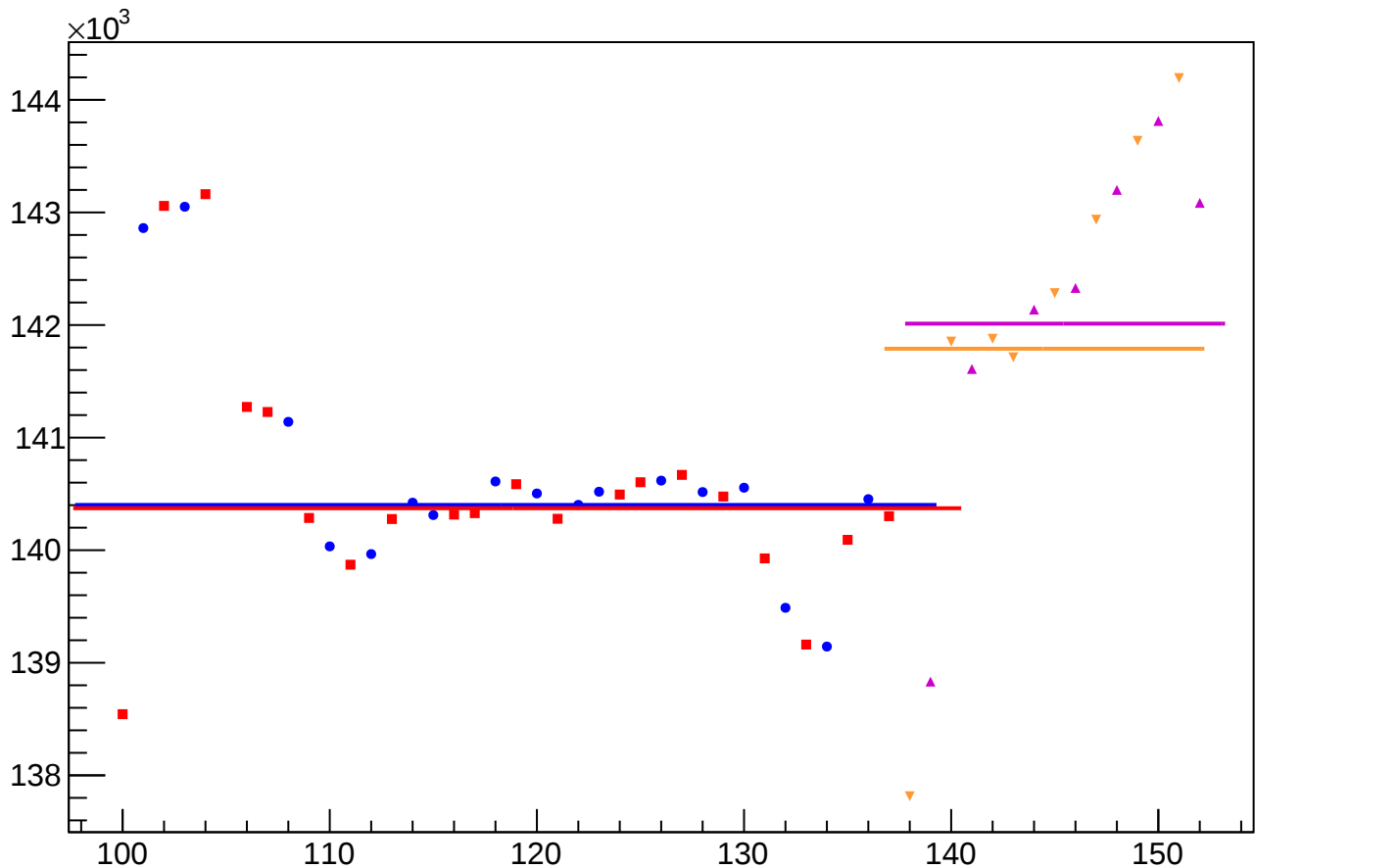
Left In: 173.068 +/- 0.052 χ^2/NDF : 265956.3/6

155.465 +/- 0.033 χ^2/NDF : 1500668.9/24

153.466 +/- 0.023 χ^2/NDF : 3250666.7/51

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: 141789.533 $\pm$ 0.084 χ^2 /NDF: 528291318.7/7

140913.231 $\pm$ 0.051 χ^2 /NDF: 787672639.5/24

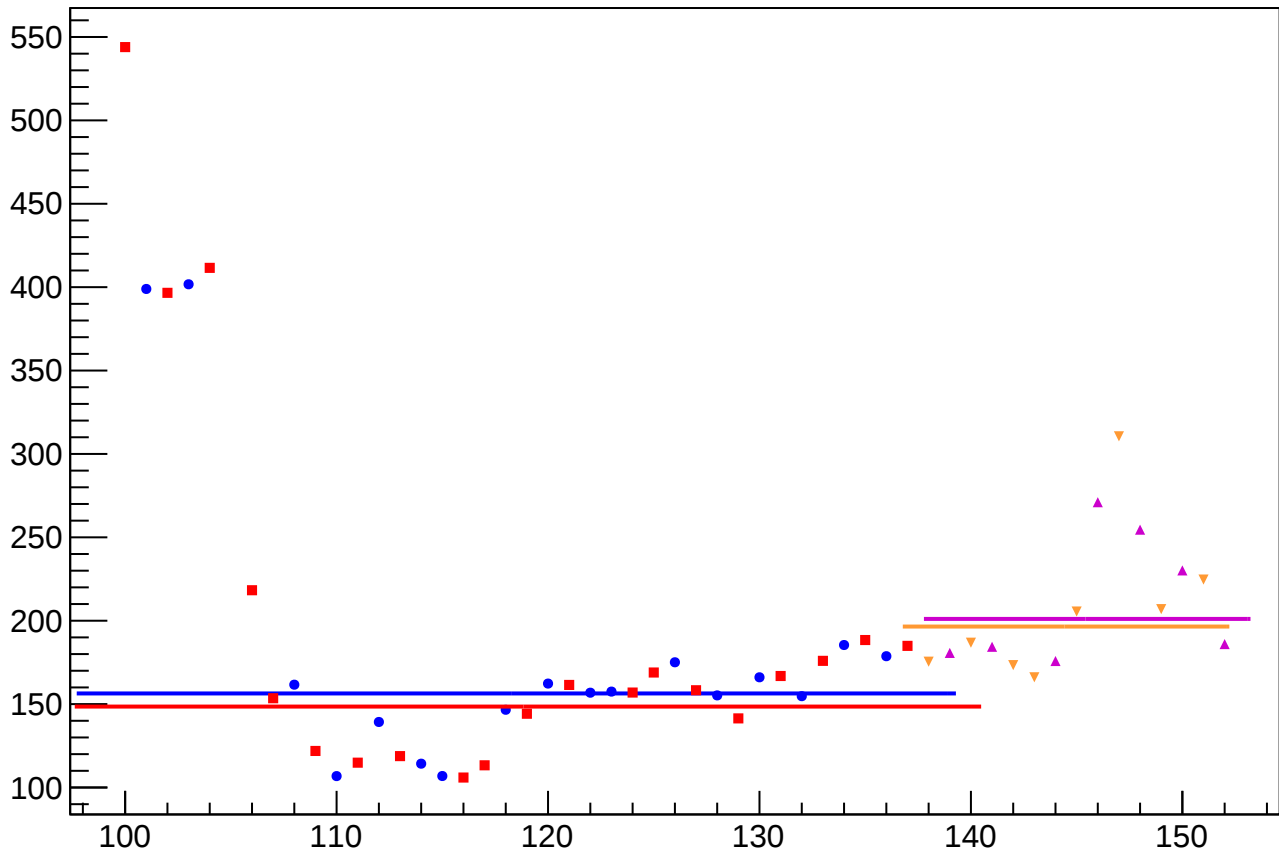
Right Out: 140372.636 $\pm$ 0.059 χ^2 /NDF: 99861038.9/19

140906.616 $\pm$ 0.035 χ^2 /NDF: 144194461

Left In: 142012.345 $\pm$ 0.086 χ^2 /NDF: 309811620.5/6

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: 196.504 +/- 0.060 χ^2/NDF : 323361.9/7

Right Out: 148.524 +/- 0.042 χ^2/NDF : 1316113.9/19

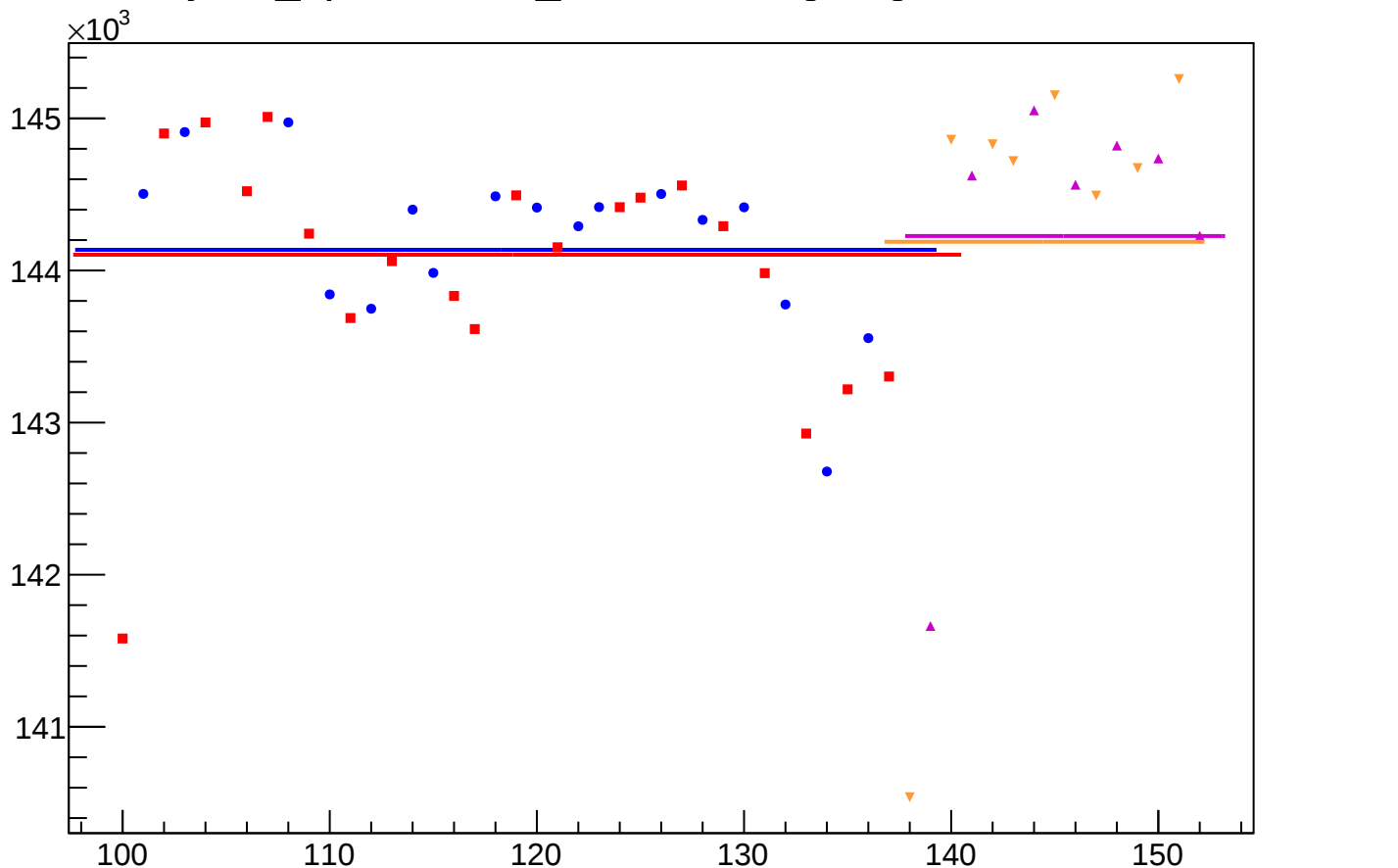
Left In: 201.083 +/- 0.061 χ^2/NDF : 276660.4/6

171.172 +/- 0.036 χ^2/NDF : 1764479.5/24

168.186 +/- 0.025 χ^2/NDF : 3872898.5/51

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: 144188.935 $\pm$ 0.083 χ^2 /NDF: 364628712.3/7

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

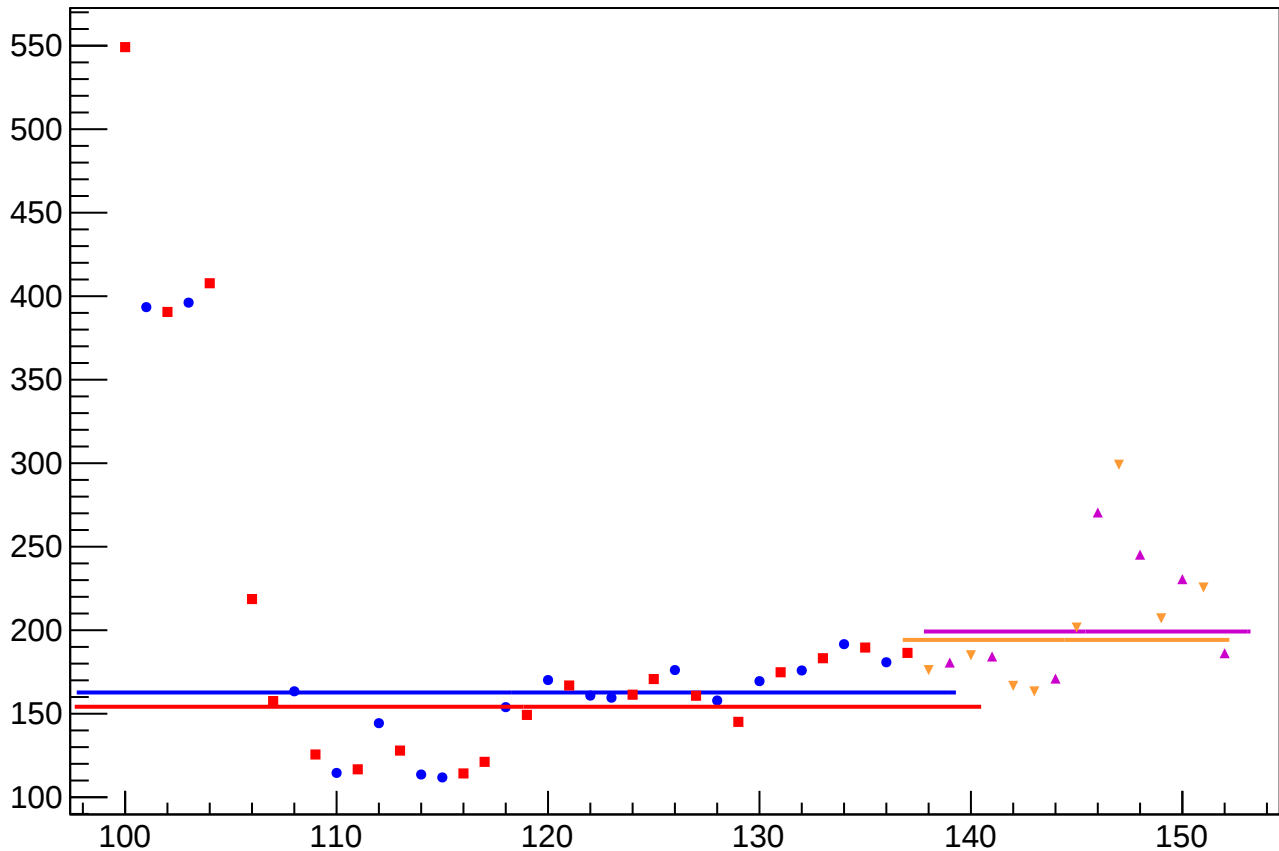
Left In: 144226.690 $\pm$ 0.086 χ^2 /NDF: 169309289.7/6

144156.822 $\pm$ 0.052 χ^2 /NDF: 411943485.0/24

144151.053 $\pm$ 0.036 χ^2 /NDF: 648607515

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: 194.214 $\pm$ 0.059 χ^2 /NDF: 316754.4/7

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

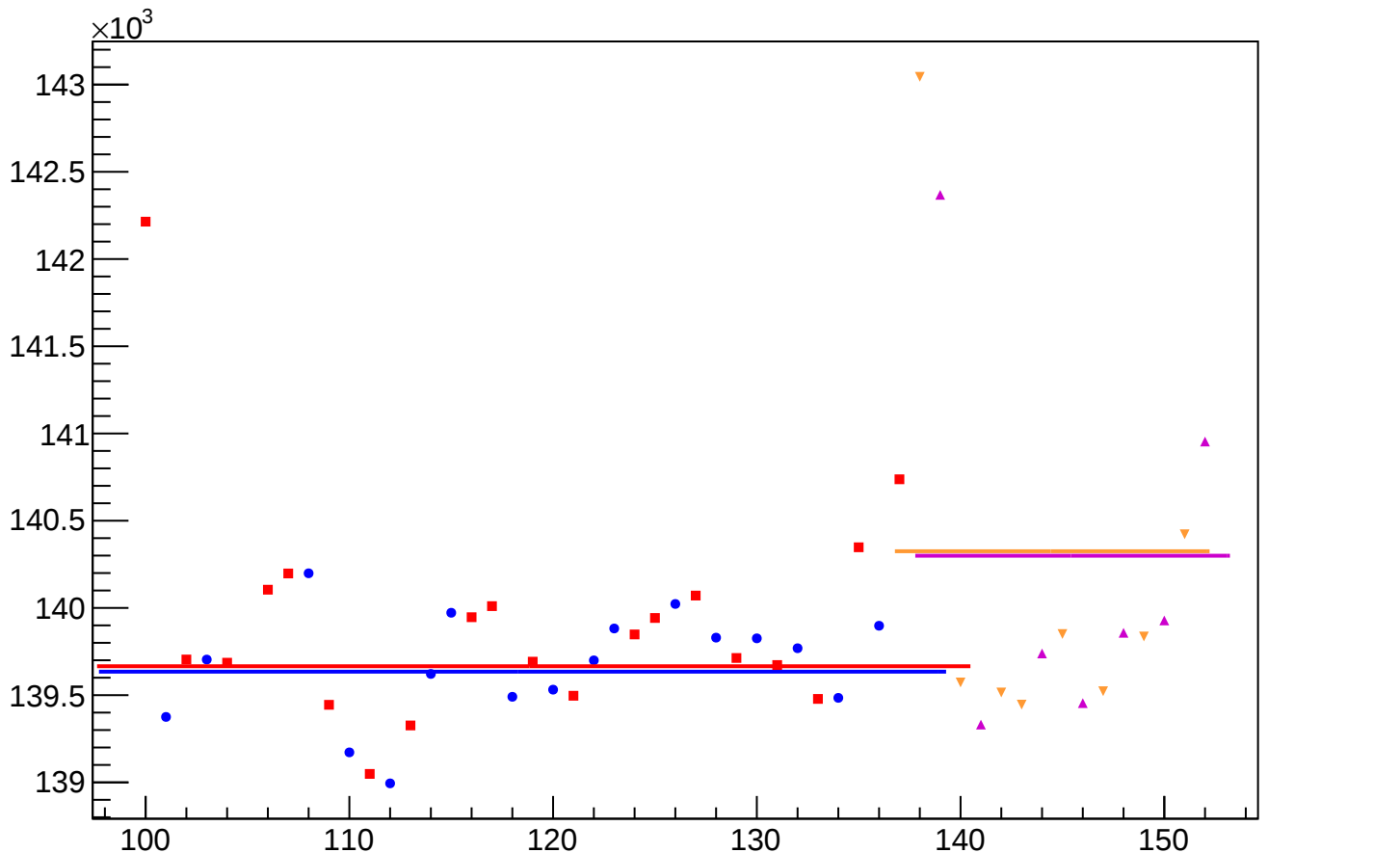
Left In: 199.221 $\pm$ 0.060 χ^2 /NDF: 273598.7/6

175.062 $\pm$ 0.037 χ^2 /NDF: 1557731.4/24

172.180 $\pm$ 0.025 χ^2 /NDF: 3432594.0/51

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: 140324.989 $\pm$ 0.089 χ^2/NDF : 201089641.9/7

Right Out: 139665.743 $\pm$ 0.063 χ^2/NDF : 38703726.2/19

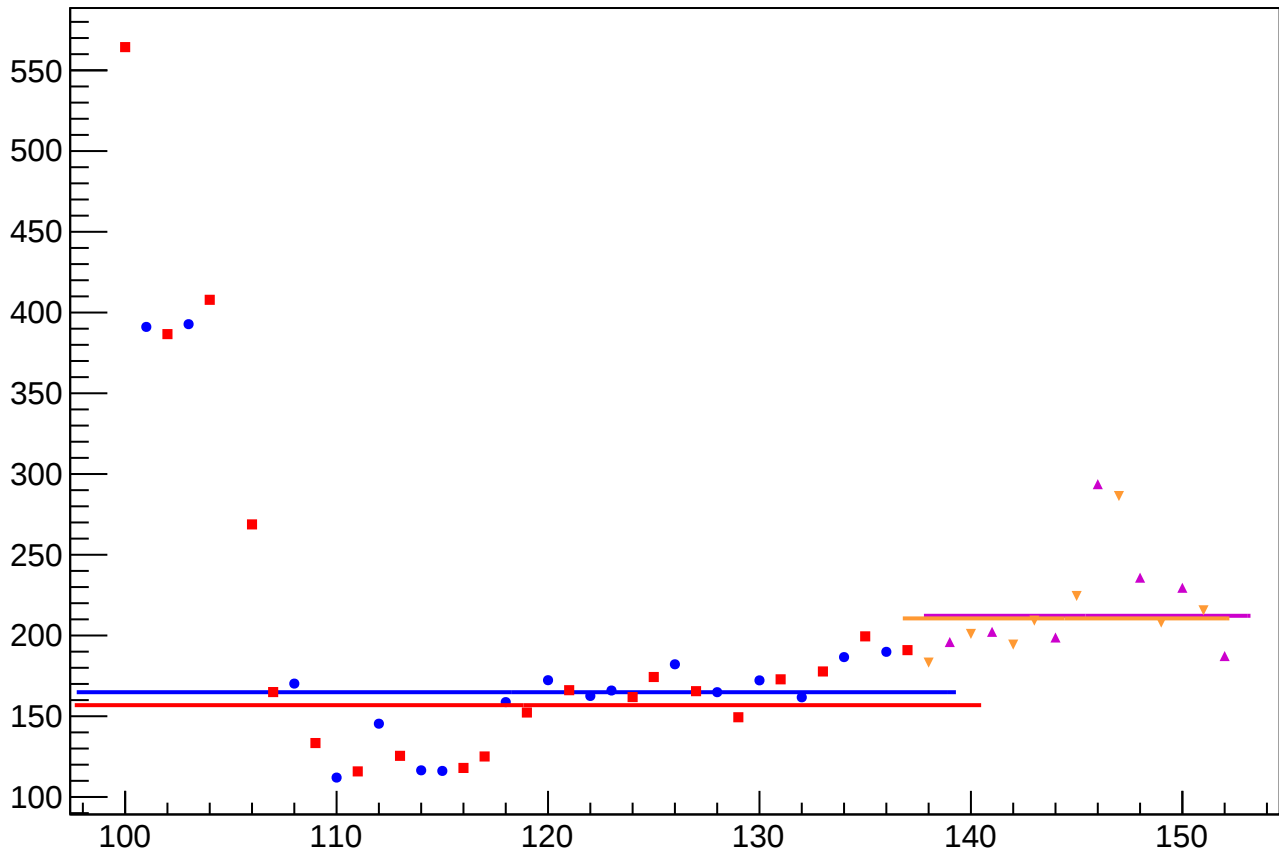
Left In: 140299.280 $\pm$ 0.091 χ^2/NDF : 121952466.5/6

139887.355 $\pm$ 0.054 χ^2/NDF : 263901215.7/24

139878.430 $\pm$ 0.037 χ^2/NDF : 457576667

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: 210.583+/-0.063 χ^2/NDF : 156890.0/7

Right Out: 156.859+/-0.044 χ^2/NDF : 1250656.2/19

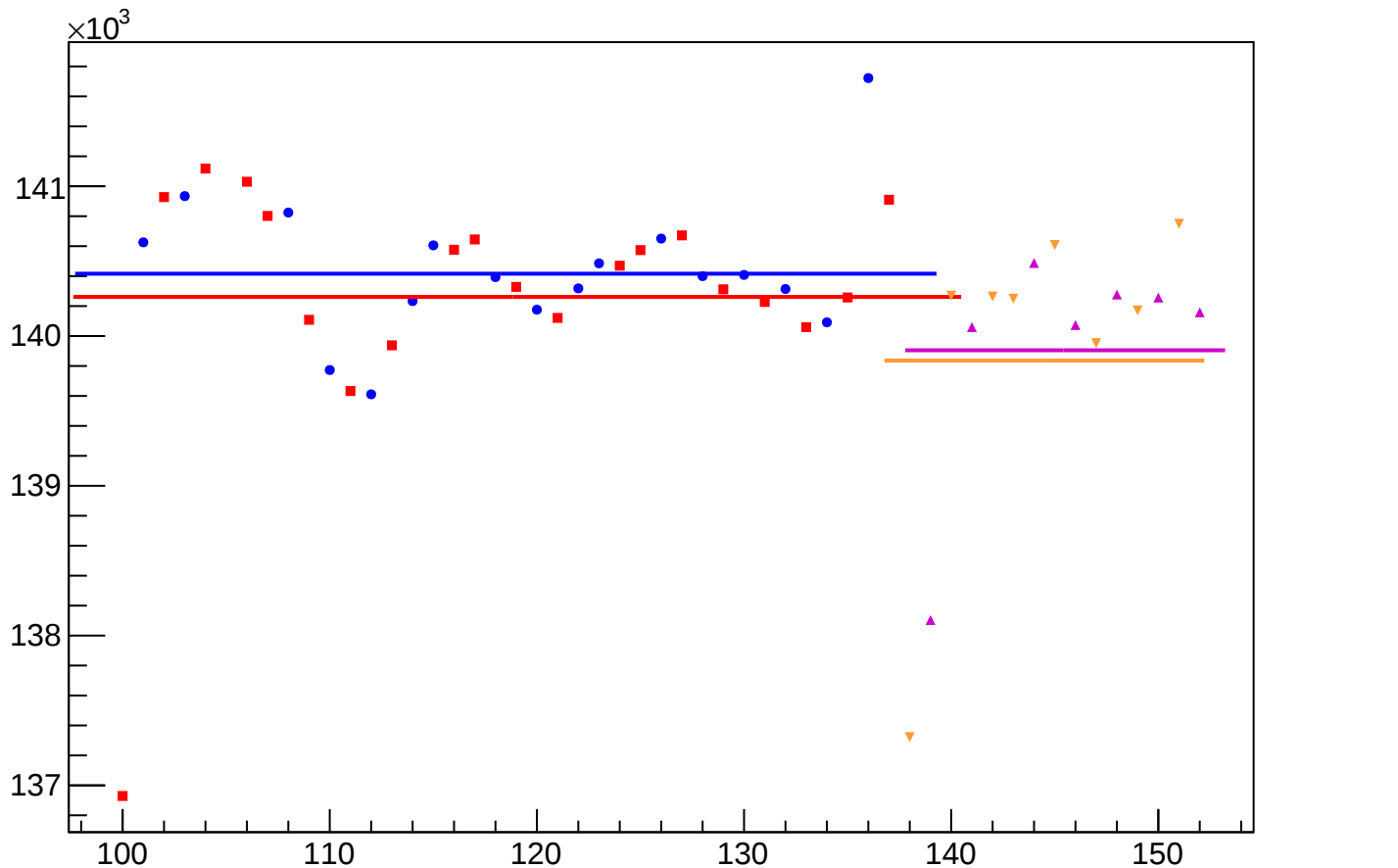
Left In: 212.208+/-0.064 χ^2/NDF : 194680.1/6

181.611+/-0.038 χ^2/NDF : 1555957.3/24

178.015+/-0.026 χ^2/NDF : 3521532.5/51

174.728+/-0.036 χ^2/NDF : 1948578.6/26

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140416.064 $\pm$ 0.068 χ^2 /NDF: 69975821.3/16

Left Out: 139836.054 $\pm$ 0.082 χ^2 /NDF: 194991329.6/7

Right Out: 140261.267 $\pm$ 0.063 χ^2 /NDF: 38479140.4/19

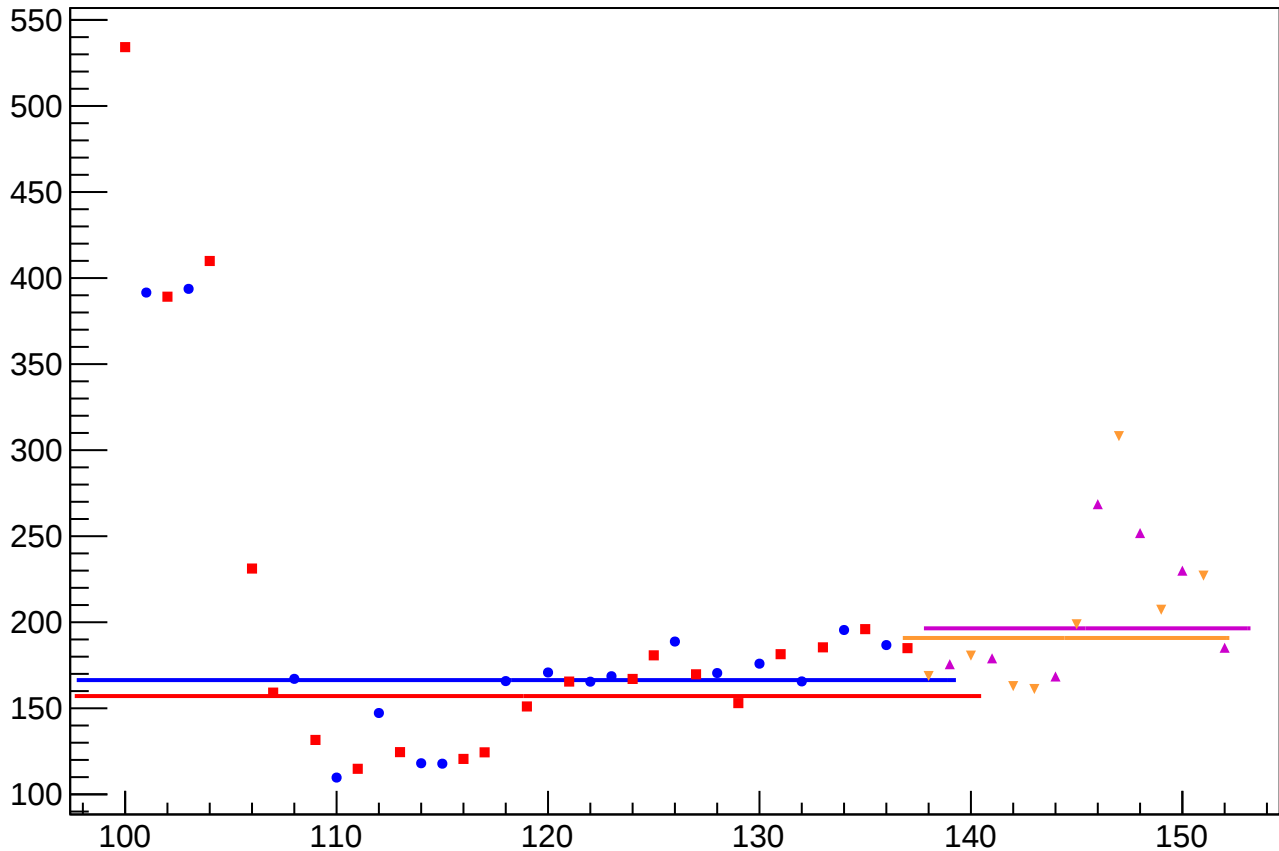
Left In: 139904.832 $\pm$ 0.084 χ^2 /NDF: 87171262.5/6

140177.447 $\pm$ 0.052 χ^2 /NDF: 294554147.1/24

140155.011 $\pm$ 0.036 χ^2 /NDF: 432030939

140134.323 $\pm$ 0.050 χ^2 /NDF: 137125381.1/26

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388 $\pm$ 0.048 χ^2 /NDF: 1080964.8/16

Left Out: 190.862 $\pm$ 0.058 χ^2 /NDF: 374772.1/7

Right Out: 157.110 $\pm$ 0.044 χ^2 /NDF: 1235934.7/19

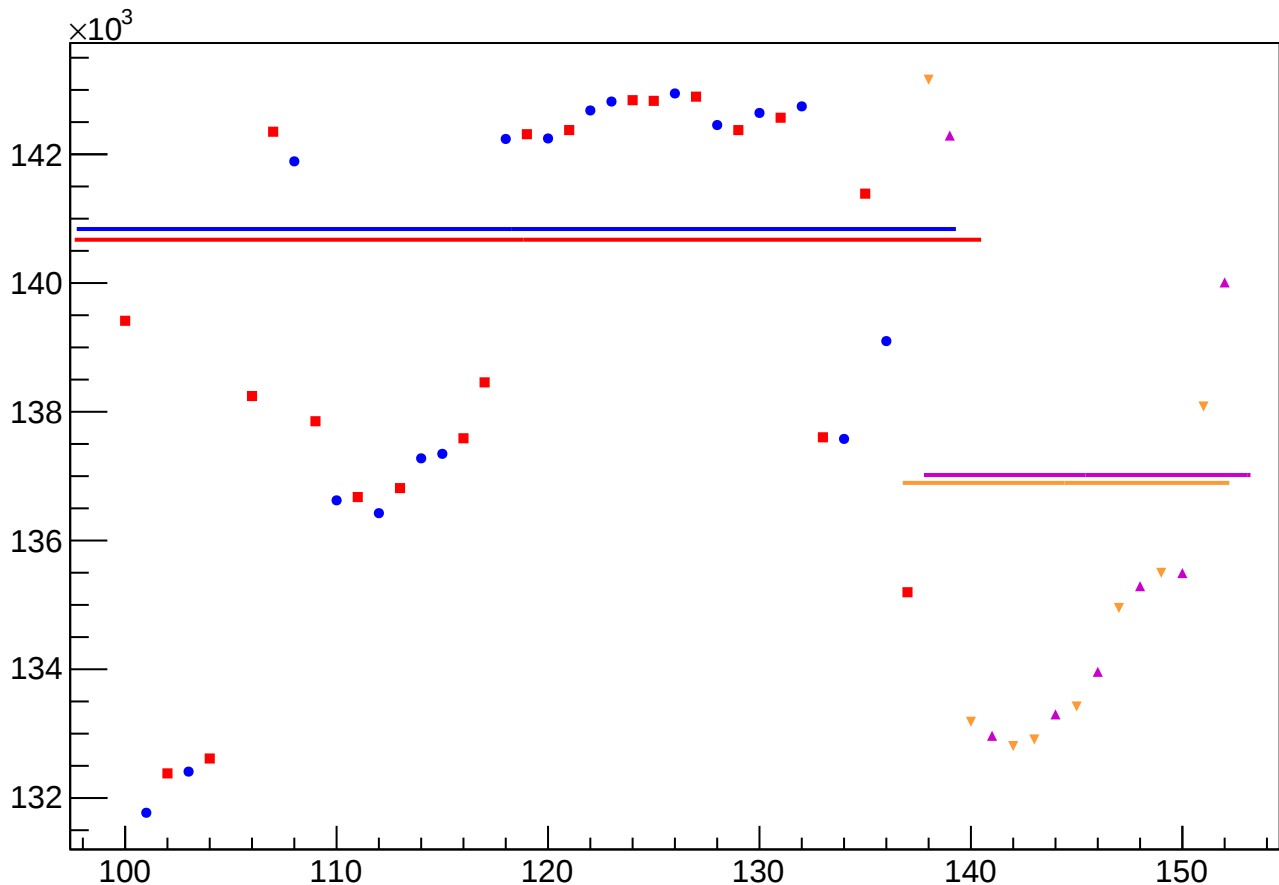
Left In: 196.466 $\pm$ 0.060 χ^2 /NDF: 311779.2/6

176.457 $\pm$ 0.037 χ^2 /NDF: 1561102.2/24

173.684 $\pm$ 0.026 χ^2 /NDF: 3399339.9/51

171.127 $\pm$ 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: 136895.359 $\pm$ 0.129 χ^2 /NDF: 1067475162.4/7

Right Out: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

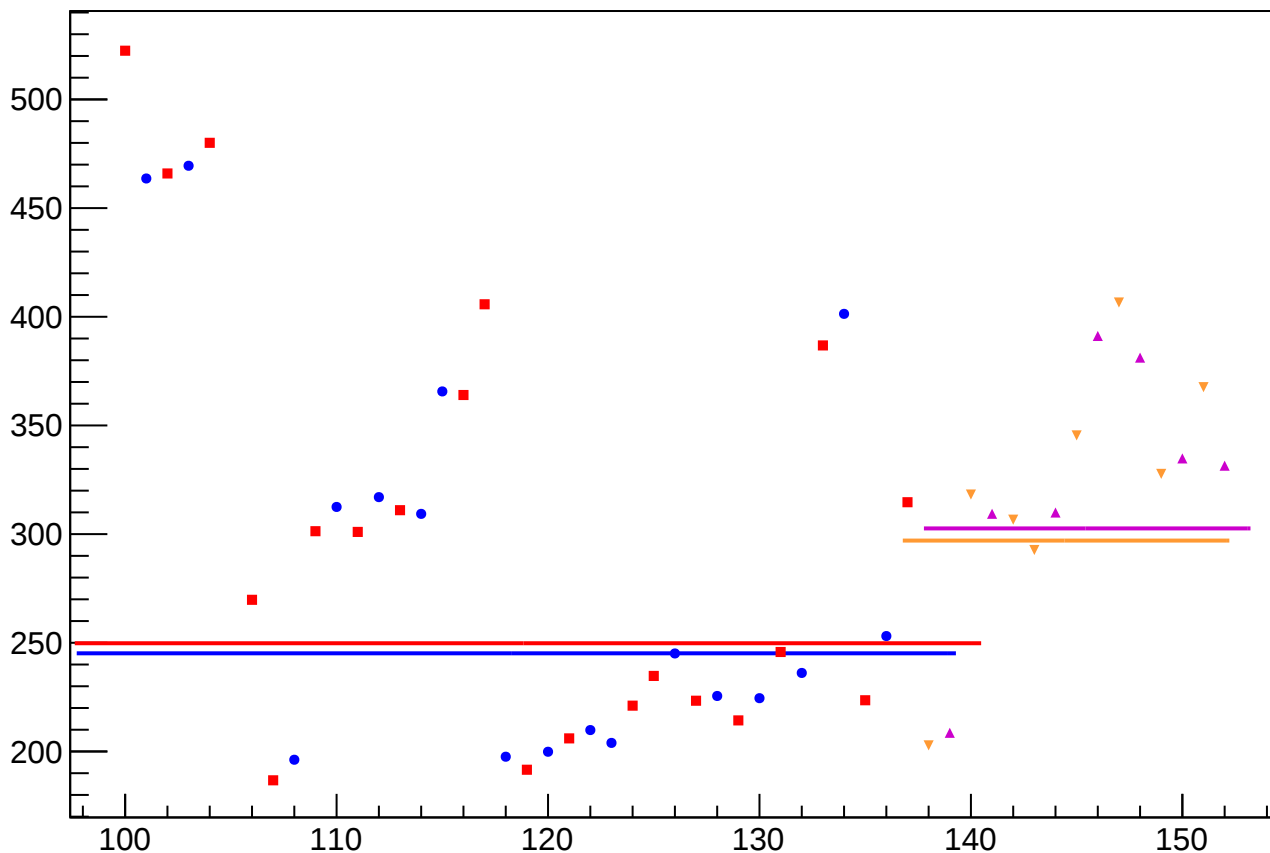
Left In: 137018.240 $\pm$ 0.132 χ^2 /NDF: 820059874.1/6

139364.687 $\pm$ 0.079 χ^2 /NDF: 2471510225.4/24

139363.140 $\pm$ 0.056 χ^2 /NDF: 462275096

139361.588 $\pm$ 0.079 χ^2 /NDF: 2151239975.7/26

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 245.159 $\pm$ 0.071 χ^2/NDF : 869491.6/16

Left Out: 297.031 $\pm$ 0.092 χ^2/NDF : 522327.2/7

Right Out: 249.792 $\pm$ 0.070 χ^2/NDF : 1022316.0/19

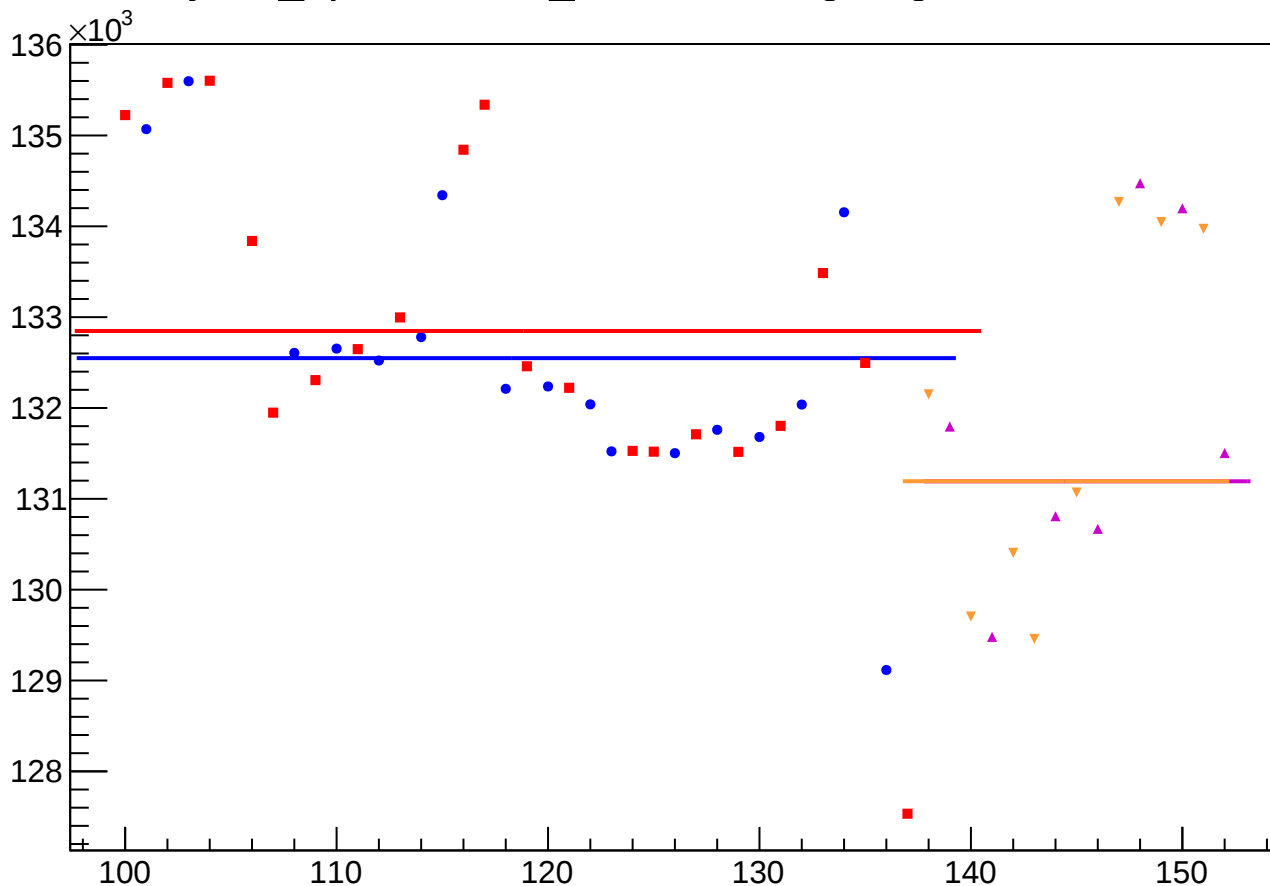
Left In: 302.624 $\pm$ 0.094 χ^2/NDF : 438131.7/6

264.552 $\pm$ 0.056 χ^2/NDF : 1592962.0/24

266.647 $\pm$ 0.040 χ^2/NDF : 3260686.6/51

268.748 $\pm$ 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: 131194.032 $\pm$ 0.094 χ^2 /NDF: 299406772.3/7

Right Out: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

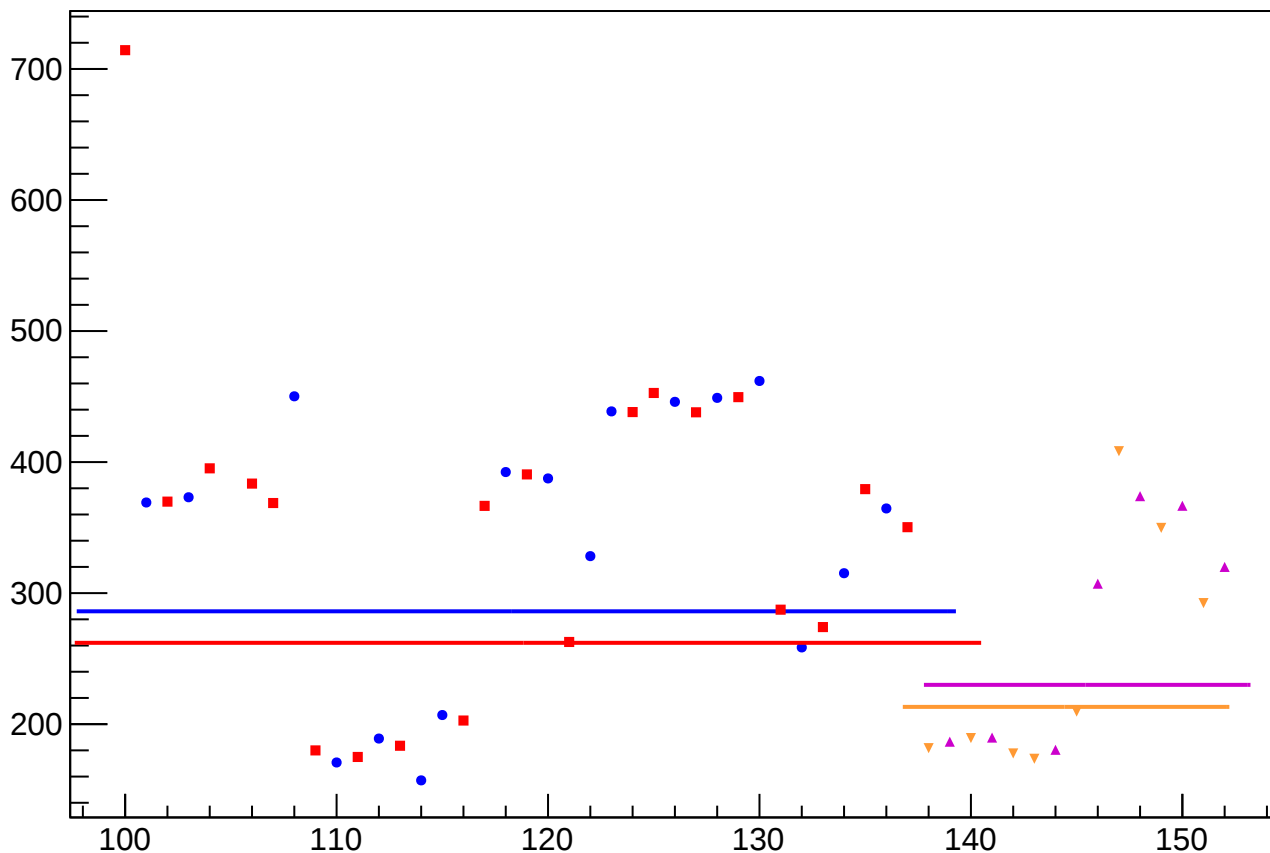
Left In: 131193.046 $\pm$ 0.103 χ^2 /NDF: 198722011.4/6

131715.757 $\pm$ 0.074 χ^2 /NDF: 539736694.5/24

131851.035 $\pm$ 0.052 χ^2 /NDF: 102144853

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: 213.187 $\pm$ 0.067 χ^2/NDF : 873790.3/7

Right Out: 262.073 $\pm$ 0.076 χ^2/NDF : 1630239.5/19

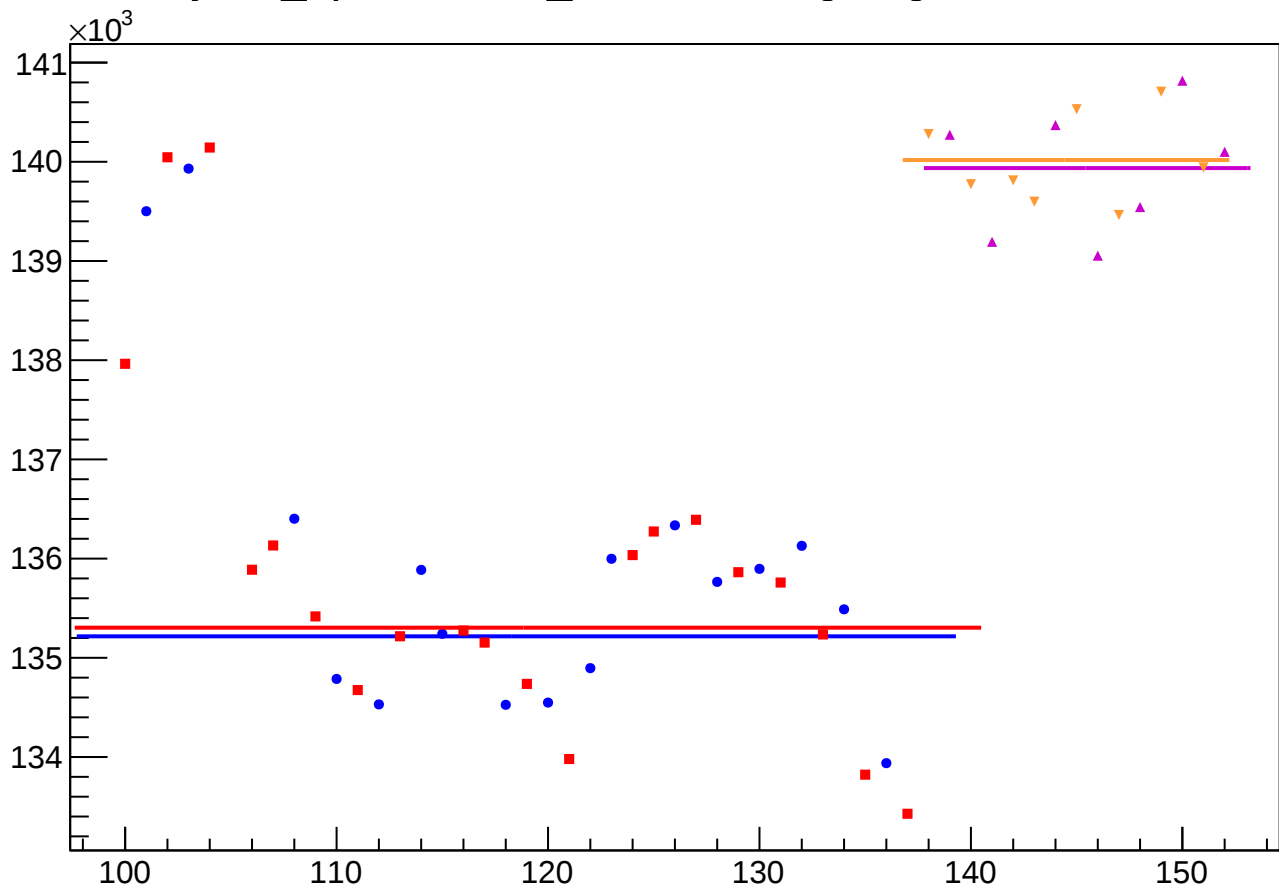
Left In: 229.992 $\pm$ 0.073 χ^2/NDF : 967258.4/6

241.272 $\pm$ 0.052 χ^2/NDF : 2858179.2/24

243.323 $\pm$ 0.037 χ^2/NDF : 5552515.3/51

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: 140017.653 $\pm$ 0.079 χ^2 /NDF: 25801918.0/7

Right Out: 135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

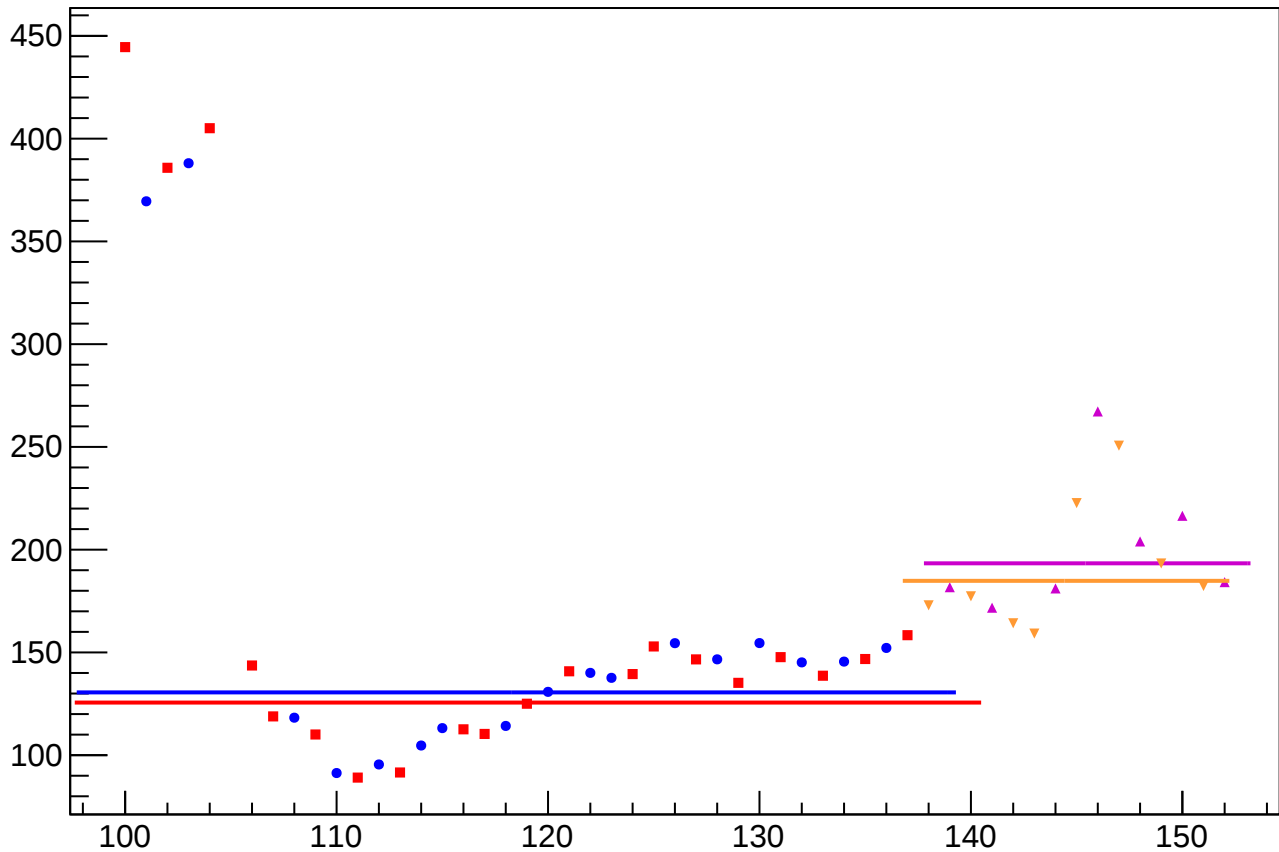
Left In: 139936.620 $\pm$ 0.083 χ^2 /NDF: 48277370.1/6

136758.761 $\pm$ 0.045 χ^2 /NDF: 2903115045.9/24

136660.953 $\pm$ 0.031 χ^2 /NDF: 558063291.1/24

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: 184.835 +/- 0.056 χ^2/NDF : 204094.1/7

Right Out: 125.603 +/- 0.036 χ^2/NDF : 1441677.4/19

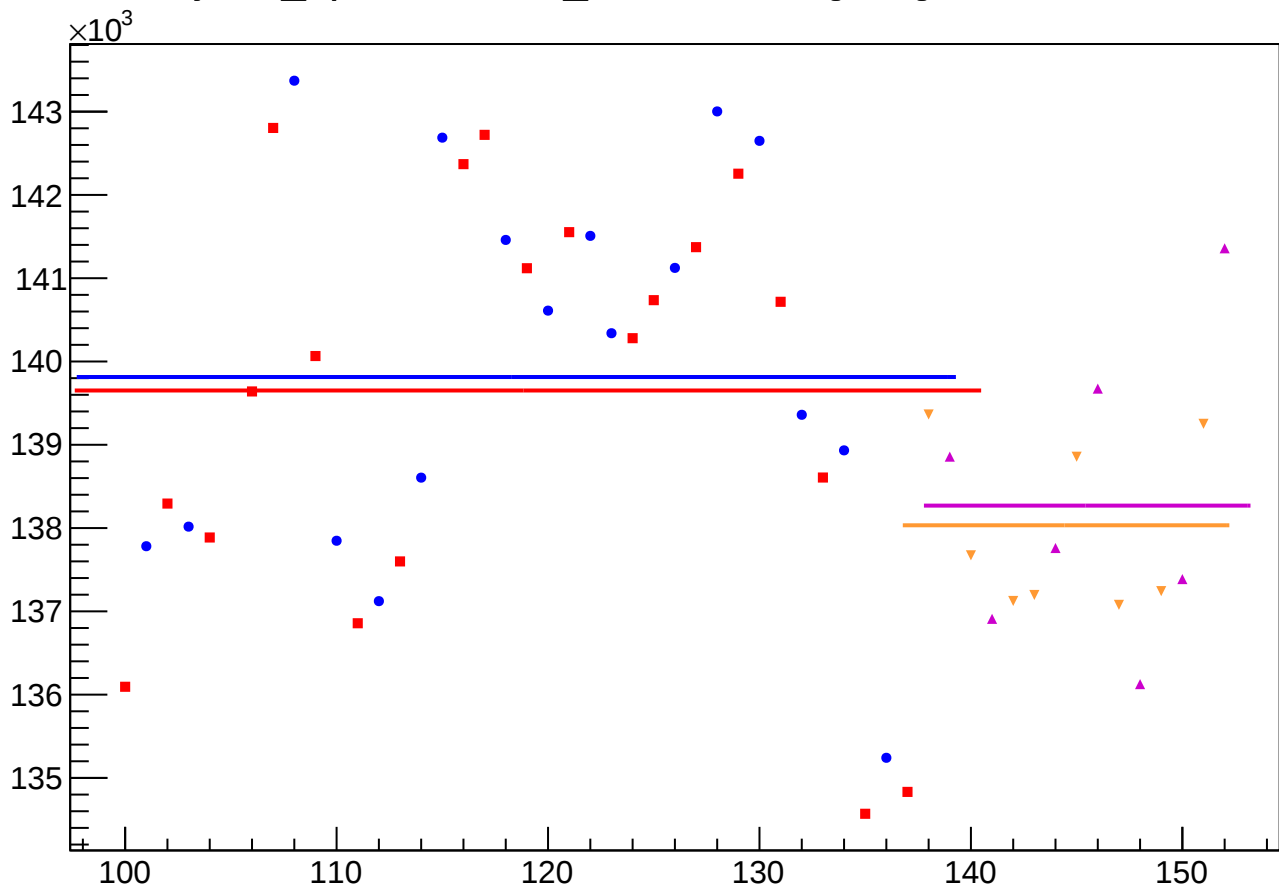
Left In: 193.359 +/- 0.059 χ^2/NDF : 180168.0/6

147.988 +/- 0.032 χ^2/NDF : 2217923.7/24

145.988 +/- 0.022 χ^2/NDF : 4815249.6/51

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: 138033.365 $\pm$ 0.080 χ^2 /NDF: 141503234.7/7

Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

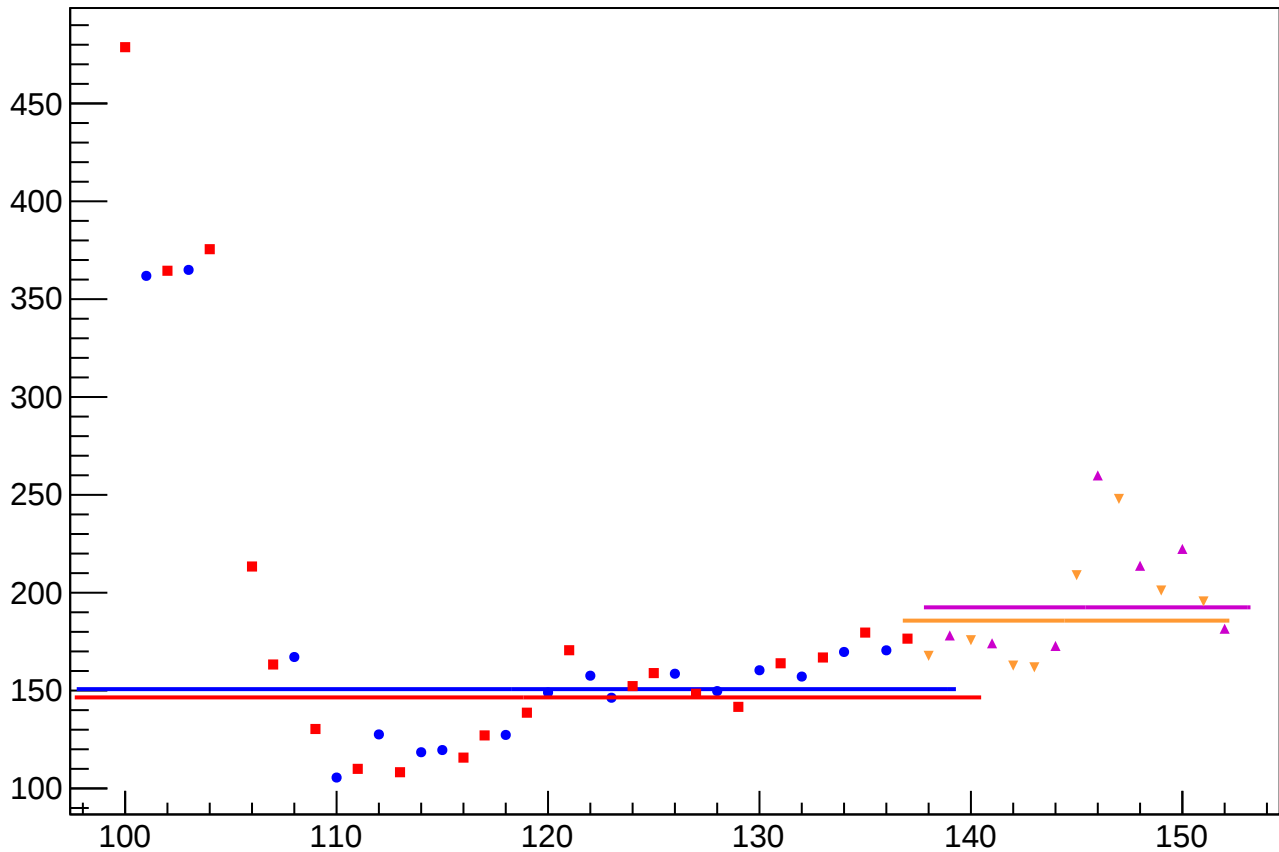
Left In: 138269.631 $\pm$ 0.083 χ^2 /NDF: 408158490.3/6

139141.695 $\pm$ 0.049 χ^2 /NDF: 2143363035.9/24

139165.558 $\pm$ 0.034 χ^2 /NDF: 426856244

139188.494 $\pm$ 0.048 χ^2 /NDF: 2124731591.8/26

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 150.733 $\pm$ 0.044 χ^2/NDF : 1050071.6/16

Left Out: 185.742 $\pm$ 0.056 χ^2/NDF : 193225.9/7

Right Out: 146.506 $\pm$ 0.042 χ^2/NDF : 1205131.2/19

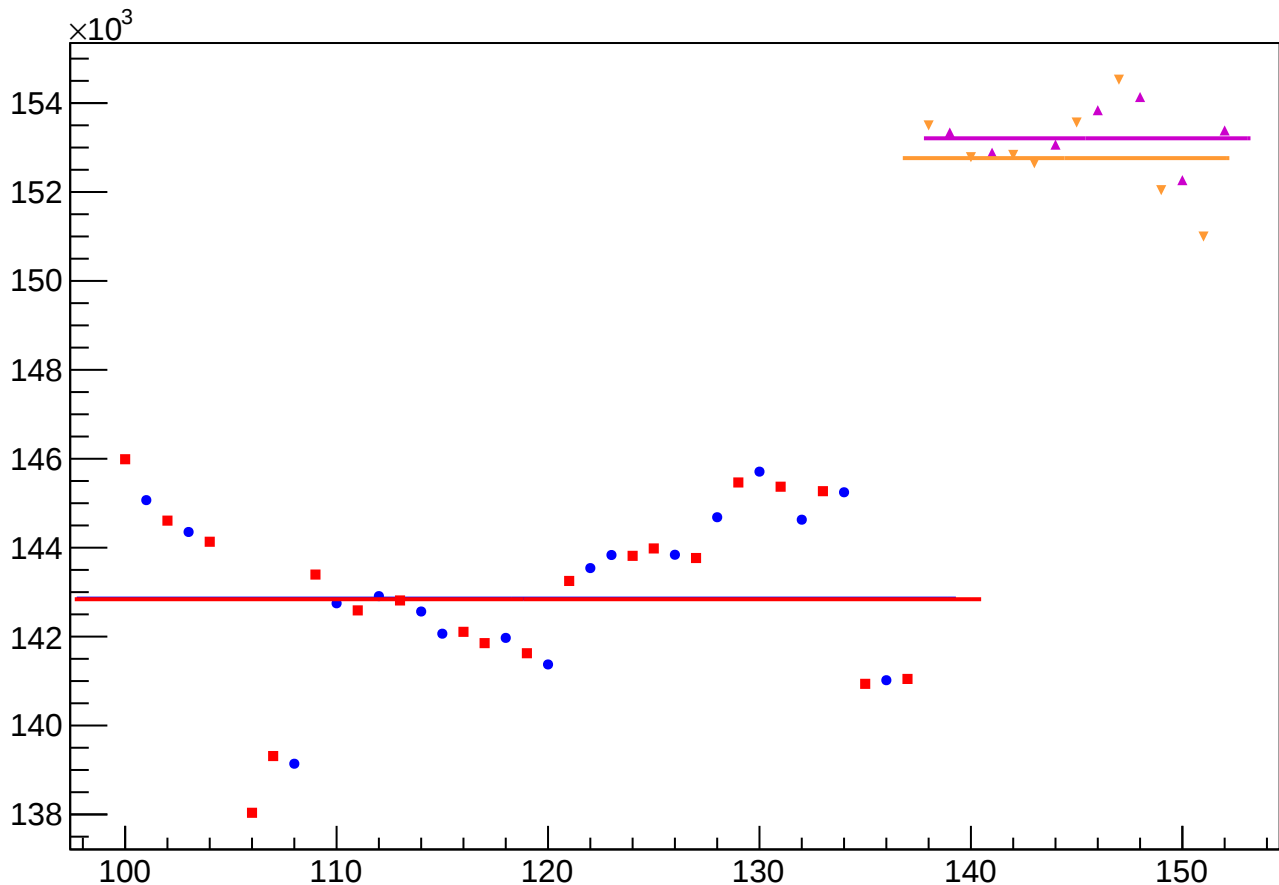
Left In: 192.527 $\pm$ 0.059 χ^2/NDF : 203334.8/6

163.947 $\pm$ 0.035 χ^2/NDF : 1484592.8/24

162.920 $\pm$ 0.024 χ^2/NDF : 3306205.0/51

161.933 $\pm$ 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: 152762.183 $\pm$ 0.080 χ^2 /NDF: 137255879.2/7

Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

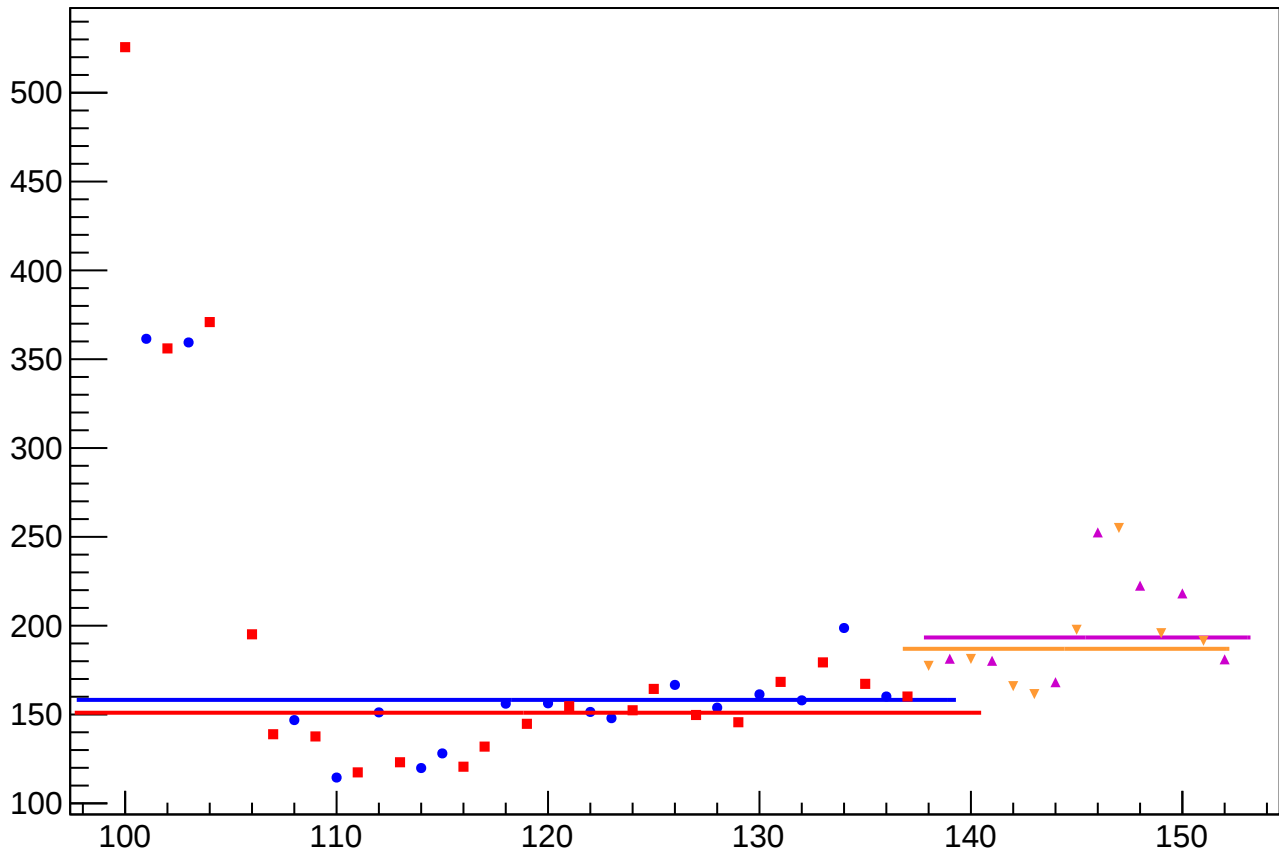
Left In: 153208.024 $\pm$ 0.083 χ^2 /NDF: 38791423.2/6

146792.375 $\pm$ 0.050 χ^2 /NDF: 10209415307.6/2

146603.760 $\pm$ 0.035 χ^2 /NDF: 214122729

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: 186.988+/-0.056 χ^2/NDF : 169794.9/7

Right Out: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

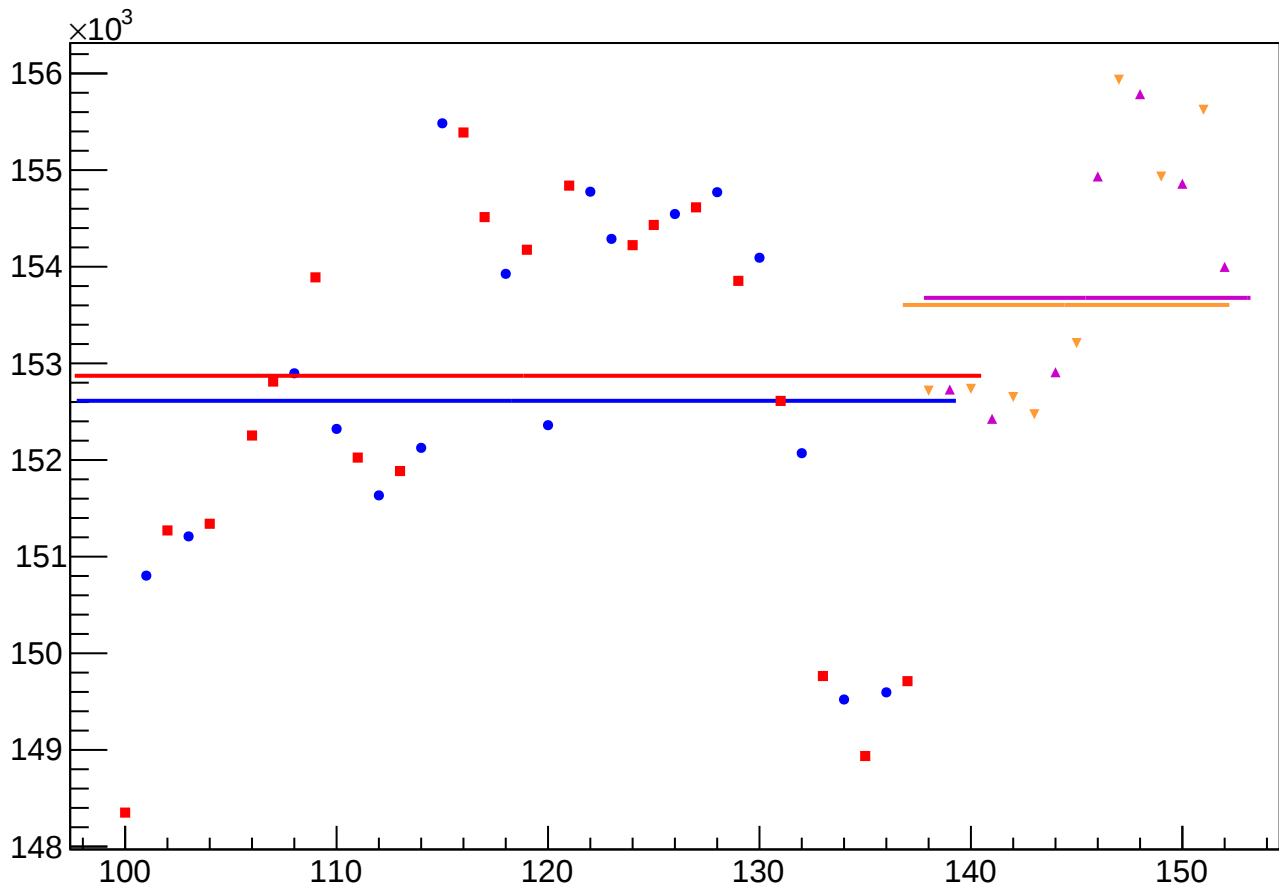
Left In: 193.367+/-0.058 χ^2/NDF : 194564.0/6

169.662+/-0.035 χ^2/NDF : 1210514.0/24

167.596+/-0.025 χ^2/NDF : 2760191.0/51

165.657+/-0.034 χ^2/NDF : 1543109.4/26

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152612.586 ± 0.072 $\chi^2/\text{NDF}: 621416187.4/16$

Left Out: 153604.636 ± 0.080 $\chi^2/\text{NDF}: 260821895.6/7$

Right Out: 152871.618 ± 0.066 $\chi^2/\text{NDF}: 720639345.6/19$

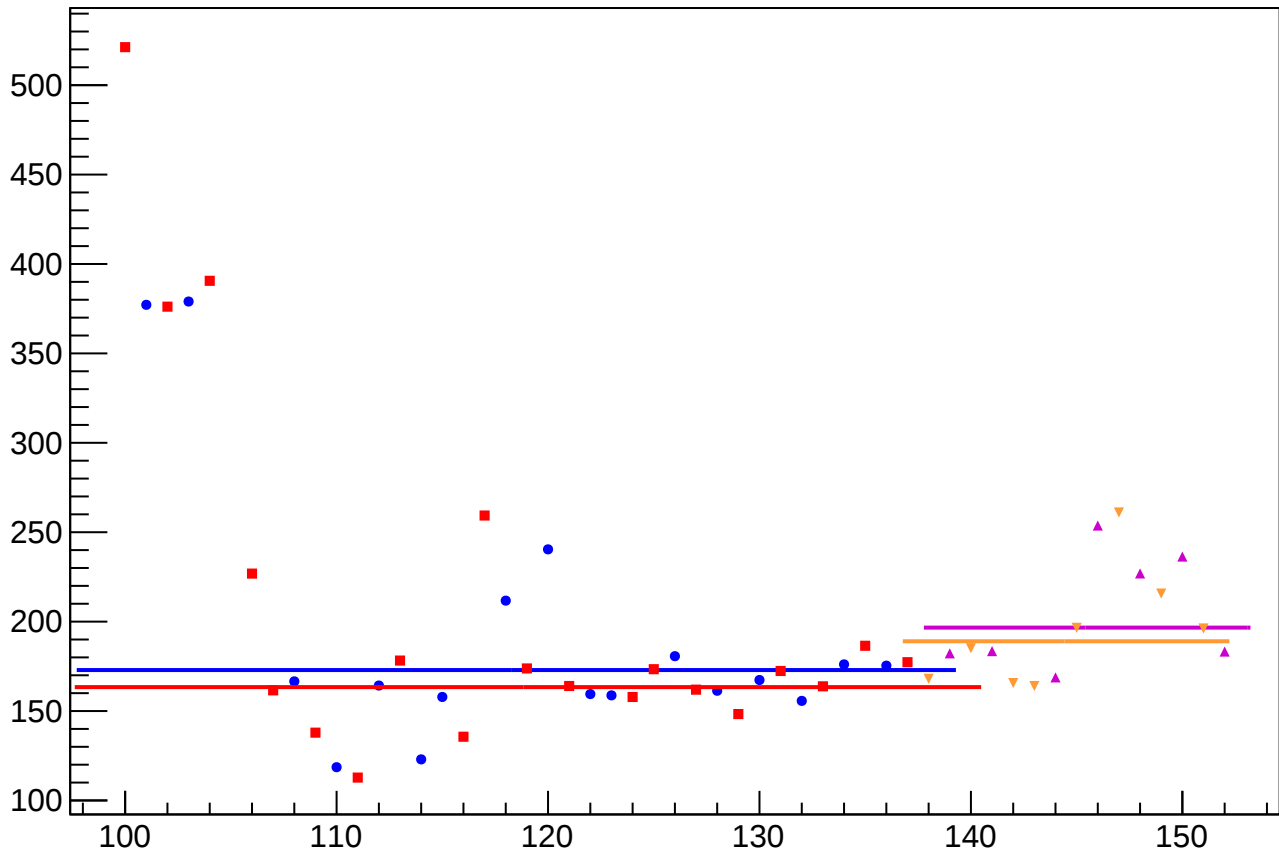
Left In: 153677.943 ± 0.084 $\chi^2/\text{NDF}: 185396514.7/6$

153056.361 ± 0.054 $\chi^2/\text{NDF}: 966772922.1/24$

153120.068 ± 0.037 $\chi^2/\text{NDF}: 193237273$

153179.865 ± 0.052 $\chi^2/\text{NDF}: 962866130.0/26$

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

Left Out: 189.016+/-0.057 χ^2/NDF : 216777.3/7

Right Out: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

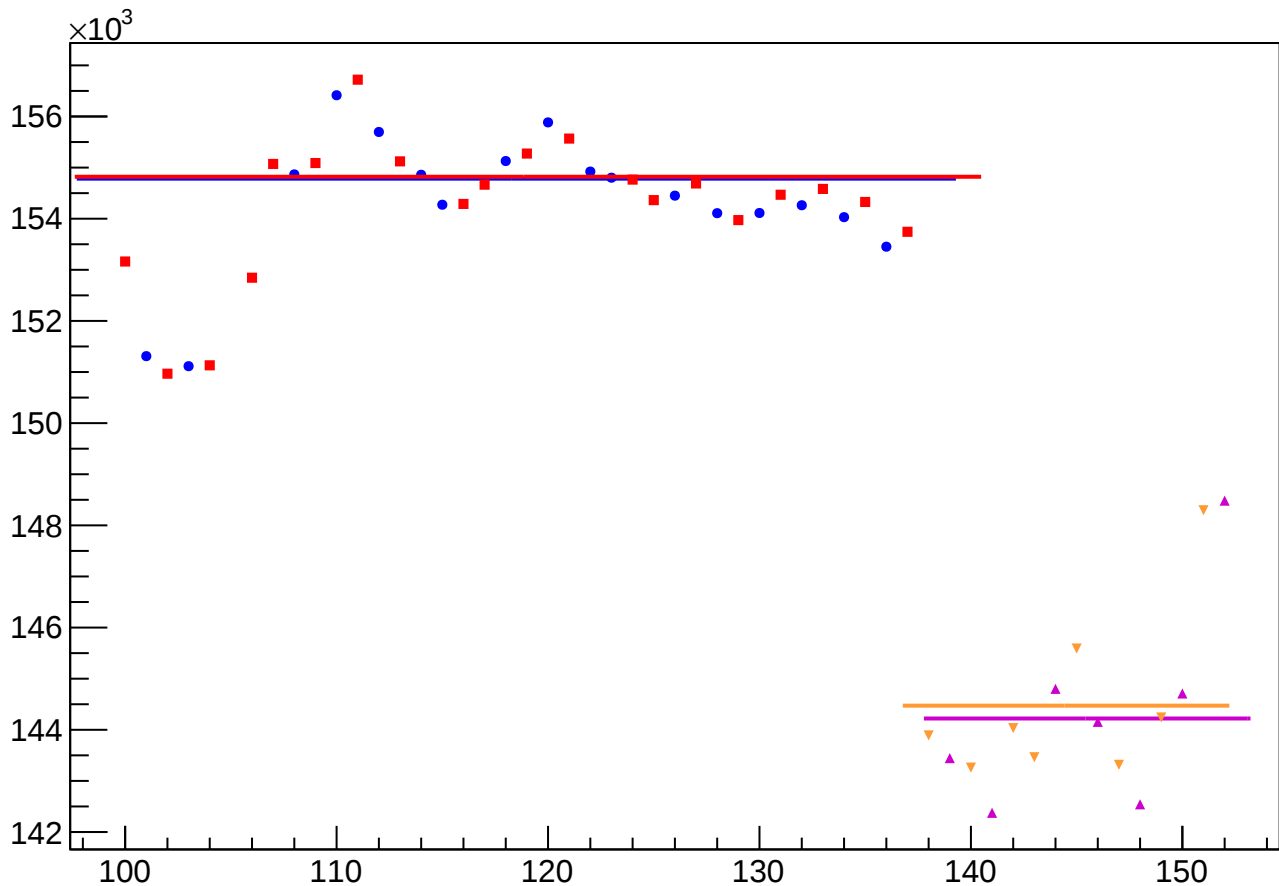
Left In: 196.655+/-0.059 χ^2/NDF : 227483.0/6

180.121+/-0.038 χ^2/NDF : 1203234.6/24

178.048+/-0.026 χ^2/NDF : 2674488.8/51

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: 144472.331 $\pm$ 0.072 χ^2 /NDF: 524409842.6/7

Right Out: 154820.824 $\pm$ 0.061 χ^2 /NDF: 293904936.4/19

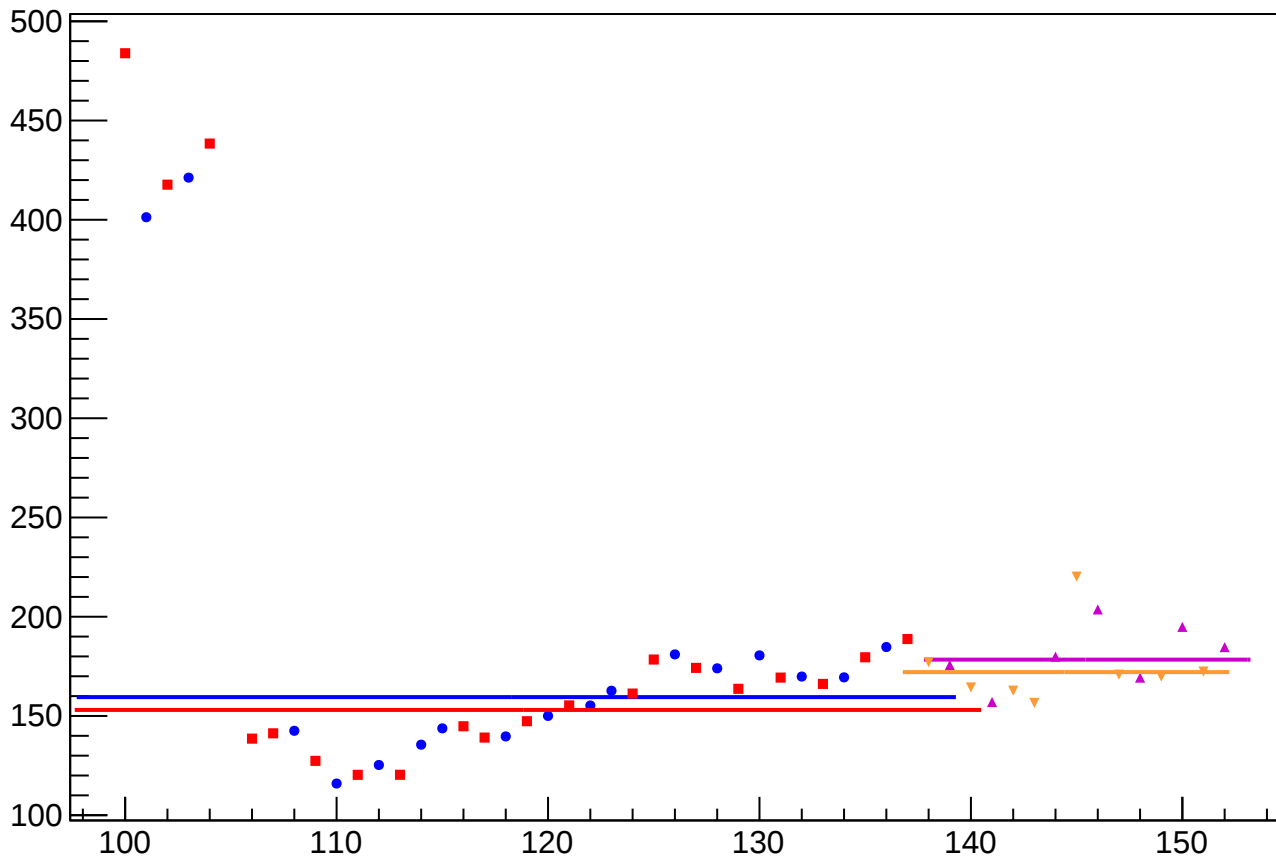
Left In: 144221.170 $\pm$ 0.075 χ^2 /NDF: 656817218.7/6

150154.619 $\pm$ 0.049 χ^2 /NDF: 11961567951.4/2

150415.176 $\pm$ 0.034 χ^2 /NDF: 249566460

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: 172.097 +/- 0.051 χ^2/NDF : 93650.2/7

Right Out: 153.038 +/- 0.043 χ^2/NDF : 1174616.4/19

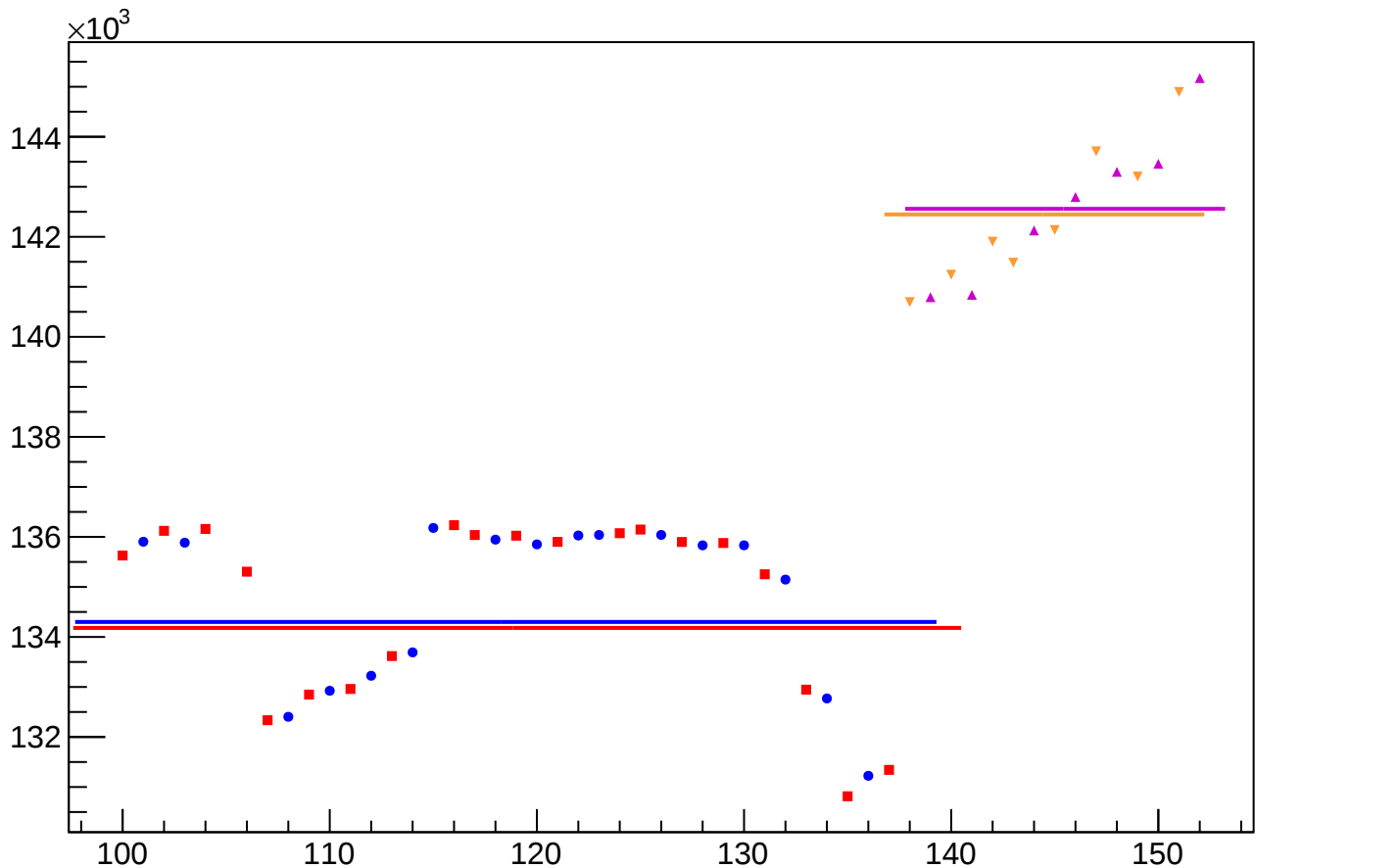
Left In: 178.384 +/- 0.053 χ^2/NDF : 74403.3/6

165.157 +/- 0.034 χ^2/NDF : 1258820.0/24

164.041 +/- 0.024 χ^2/NDF : 2647001.6/51

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: 142446.649 $\pm$ 0.071 χ^2 /NDF: 373161593.4/7

Right Out: 134180.888 $\pm$ 0.047 χ^2 /NDF: 1224202240.2/19

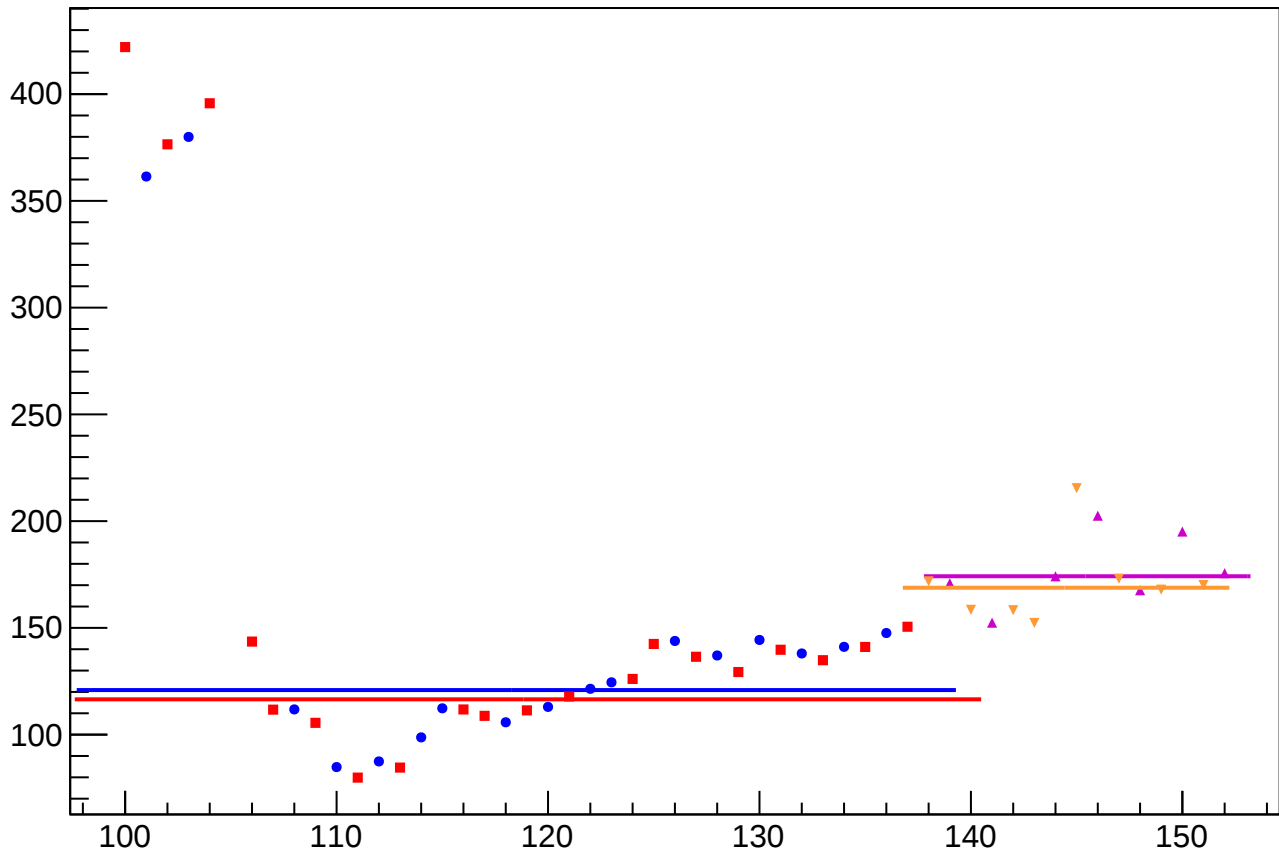
Left In: 142559.588 $\pm$ 0.074 χ^2 /NDF: 399380305.4/6

137018.540 $\pm$ 0.041 χ^2 /NDF: 10261408792.2/2

136807.978 $\pm$ 0.029 χ^2 /NDF: 210744688

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: 168.805 +/- 0.050 χ^2/NDF : 98740.4/7

Right Out: 116.531 +/- 0.033 χ^2/NDF : 1541779.4/19

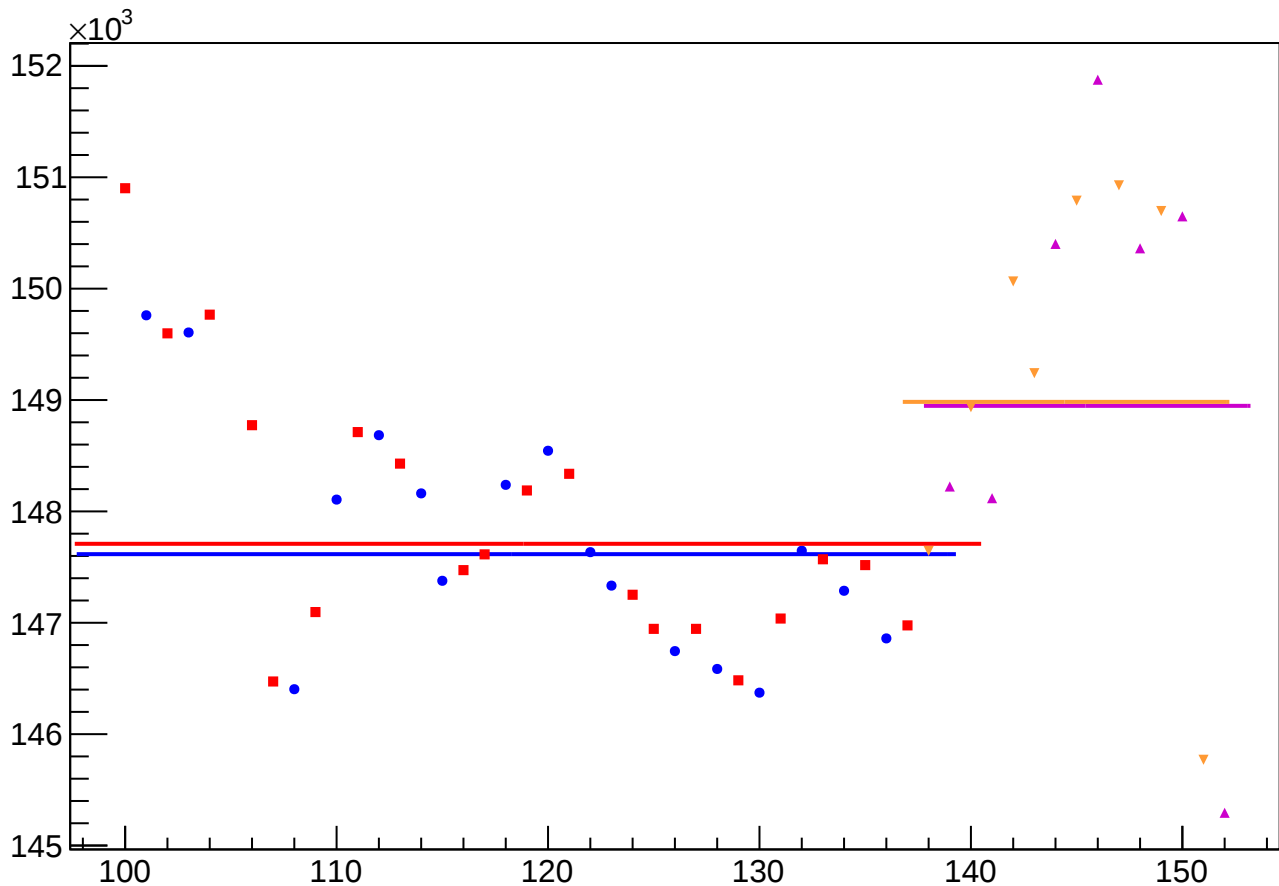
Left In: 174.184 +/- 0.052 χ^2/NDF : 87289.1/6

136.867 +/- 0.029 χ^2/NDF : 2167500.7/24

135.000 +/- 0.020 χ^2/NDF : 4669931.3/51

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: 148983.487 $\pm$ 0.086 χ^2 /NDF: 412605934.2/7

148085.325 $\pm$ 0.051 χ^2 /NDF: 776185350.6/24

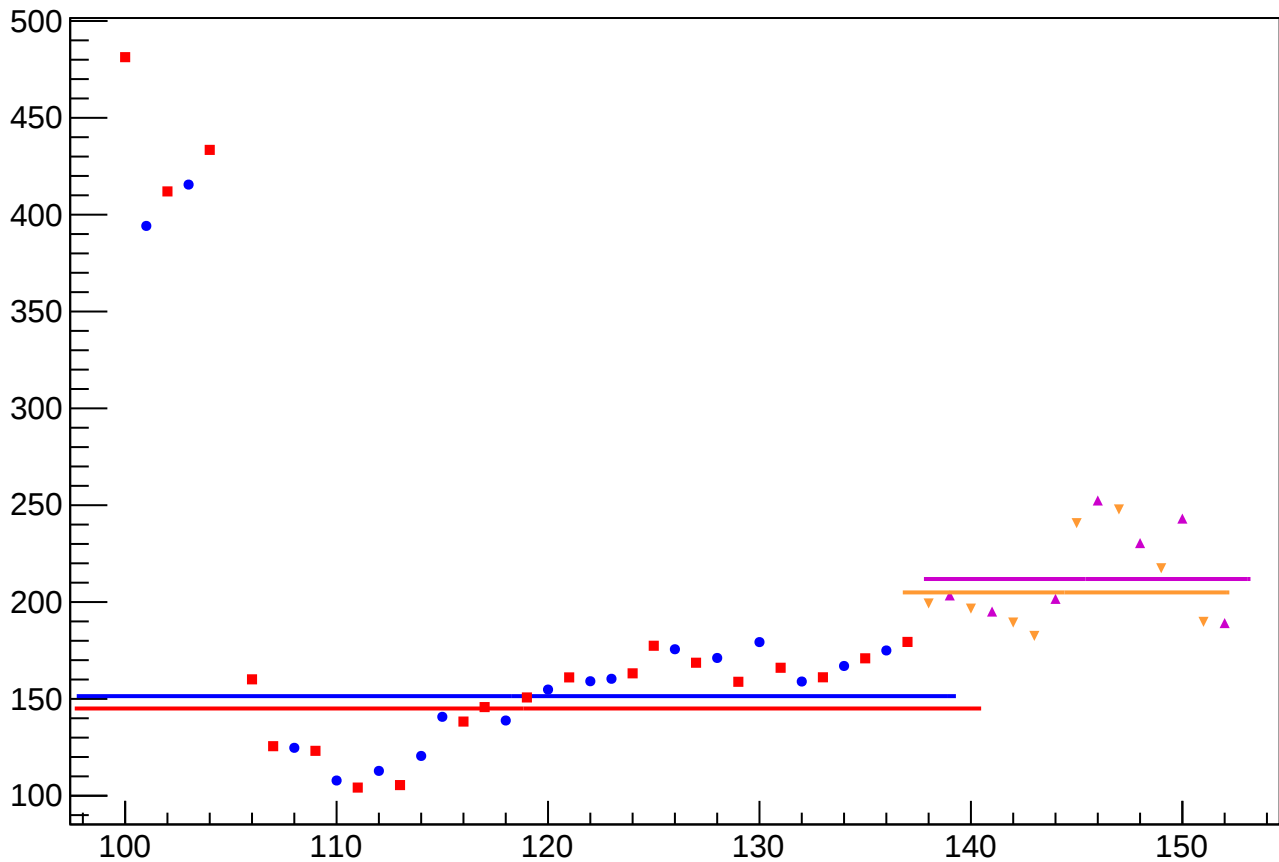
Right Out: 147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

148079.737 $\pm$ 0.035 χ^2 /NDF: 166261956

Left In: 148947.806 $\pm$ 0.090 χ^2 /NDF: 548539850.3/6

148074.546 $\pm$ 0.049 χ^2 /NDF: 886410722.9/26

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 151.424 $\pm$ 0.044 χ^2 /NDF: 1257843.0/16

Left Out: 204.971 $\pm$ 0.061 χ^2 /NDF:124977.6/7

Right Out: 145.044 $\pm$ 0.041 χ^2 /NDF: 1375974.1/19

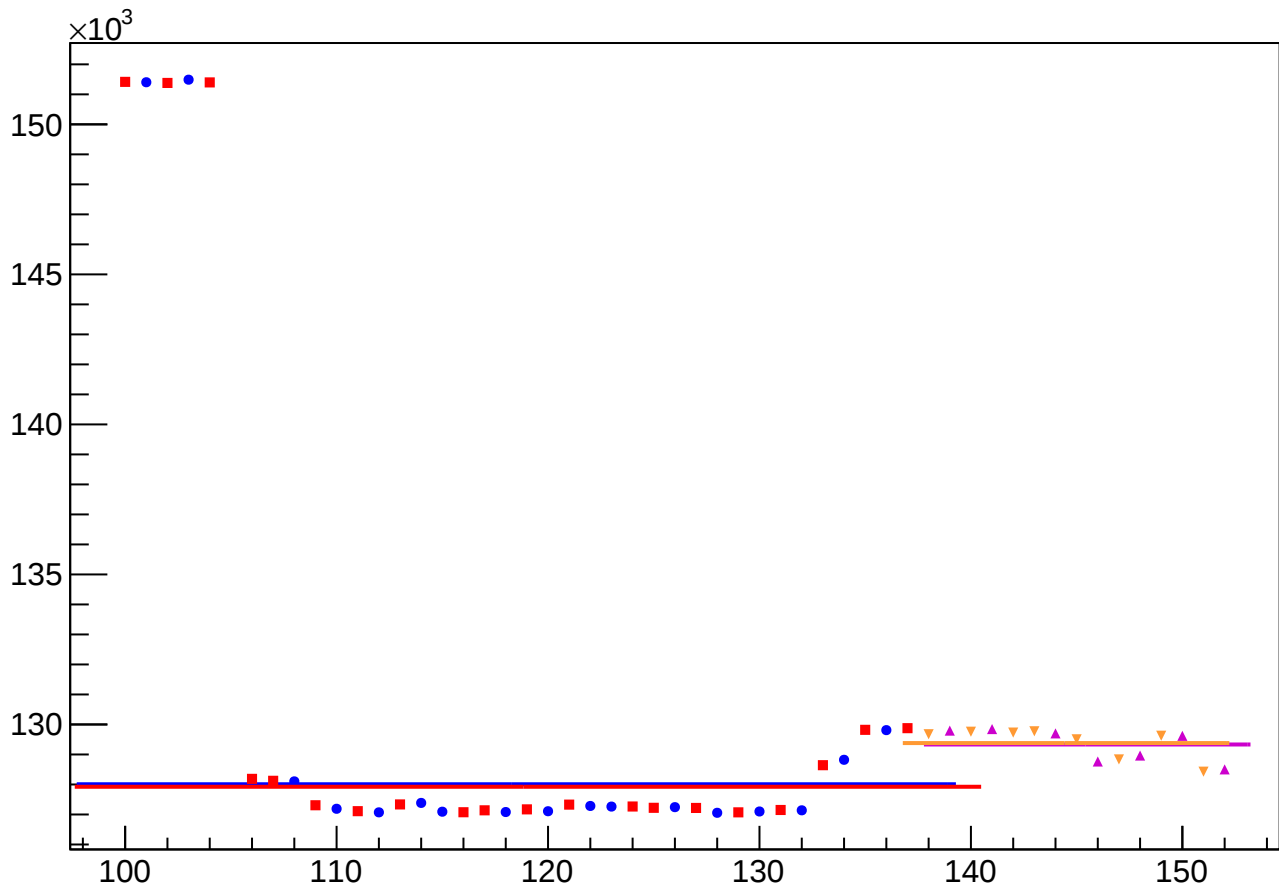
Left In: 211.898 $\pm$ 0.064 χ^2 /NDF:122014.8/6

169.798 $\pm$ 0.036 χ^2 /NDF: 1886816.0/24

167.190 $\pm$ 0.025 χ^2 /NDF: 4175359.5/51

164.768 $\pm$ 0.035 χ^2 /NDF: 2278315.4/26

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128007.364 $\pm$ 0.054 χ^2/NDF : 4319785674.5/16

Left Out: 129380.139 $\pm$ 0.071 χ^2/NDF : 49540162.7/7

Right Out: 127923.940 $\pm$ 0.050 χ^2/NDF : 3770107280.1/19

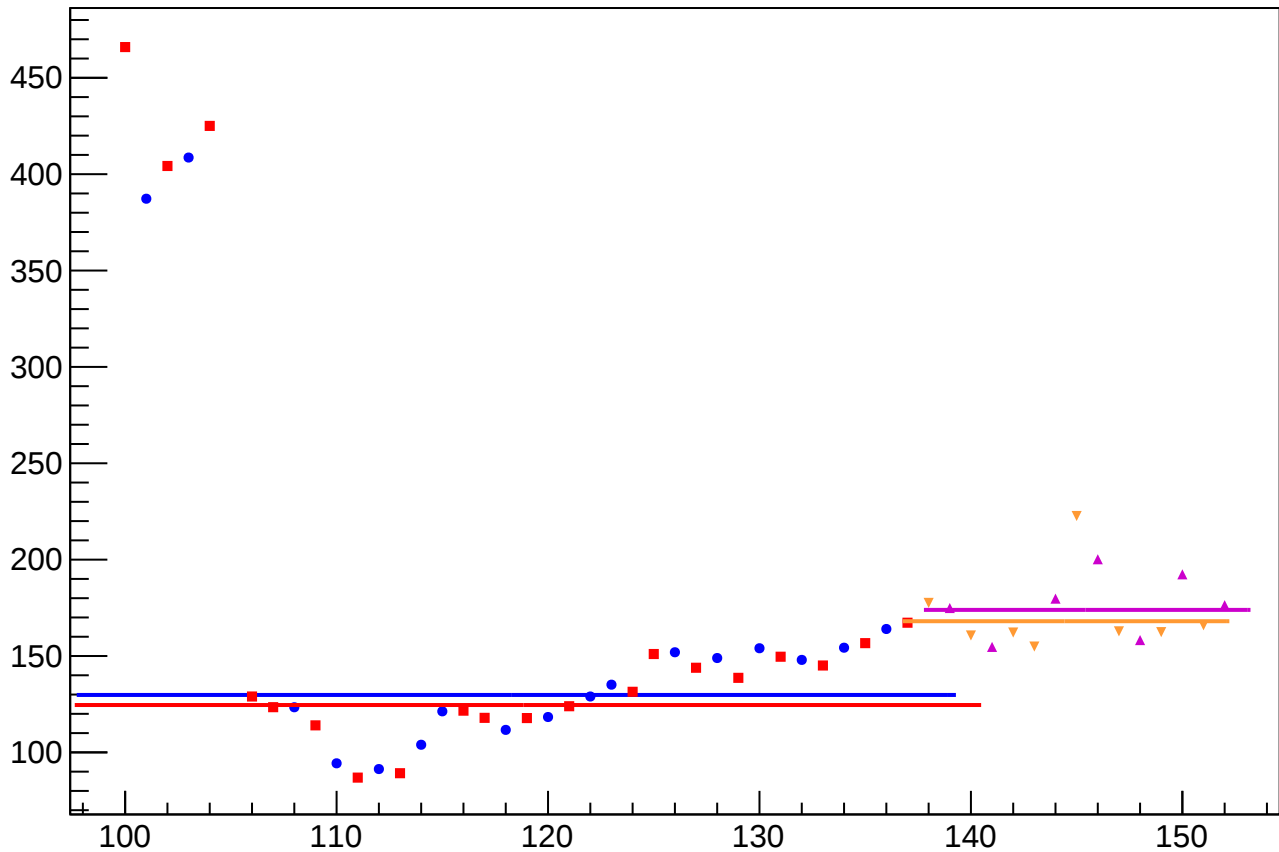
Left In: 129332.710 $\pm$ 0.074 χ^2/NDF : 48149727.0/6

128514.428 $\pm$ 0.043 χ^2/NDF : 4606948329.2/24

128439.925 $\pm$ 0.030 χ^2/NDF : 868084221

128370.558 $\pm$ 0.041 χ^2/NDF : 4068091677.1/26

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796 +/- 0.038 χ^2/NDF : 1485294.2/16

Left Out: 168.053 +/- 0.050 χ^2/NDF : 113768.5/7

Right Out: 124.572 +/- 0.035 χ^2/NDF : 1532105.0/19

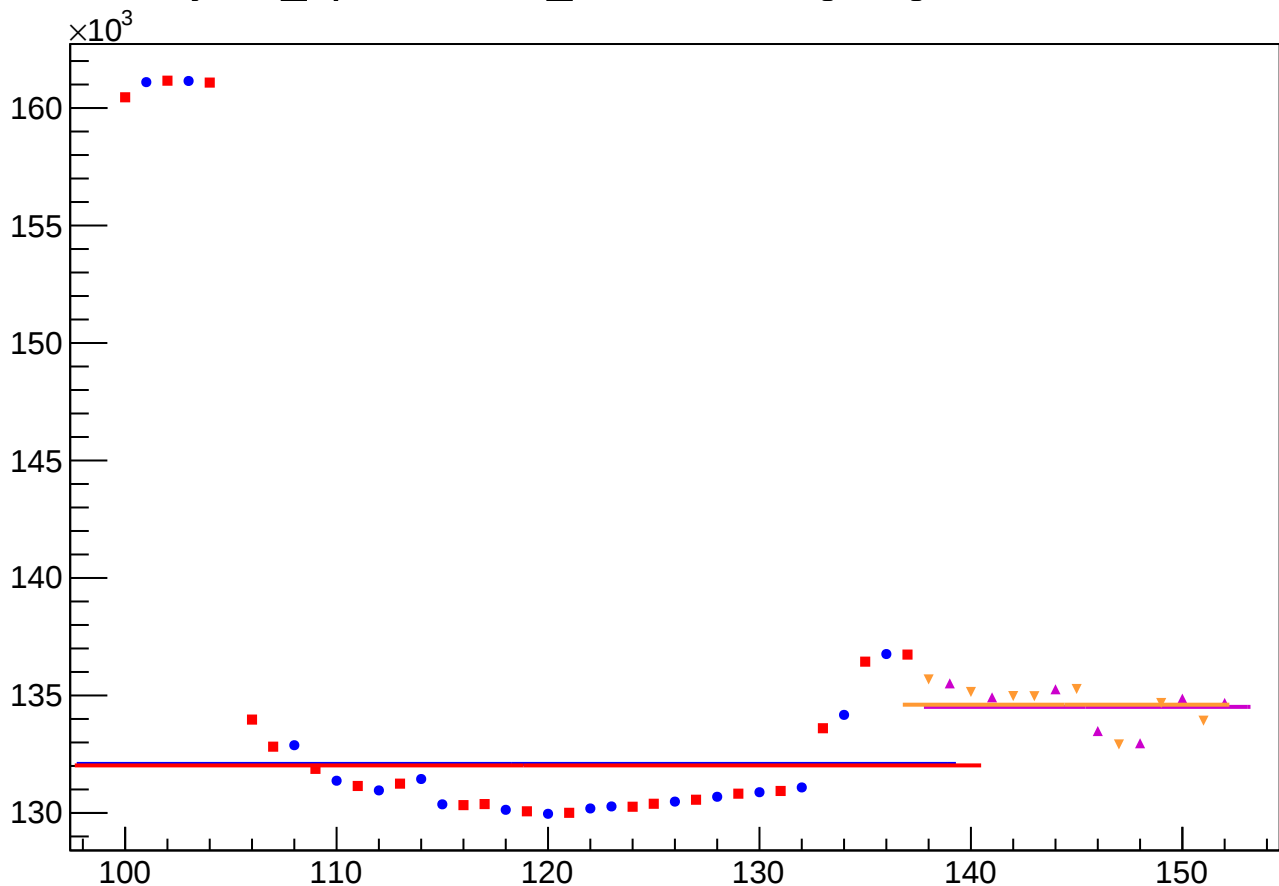
Left In: 173.930 +/- 0.052 χ^2/NDF : 86354.6/6

143.927 +/- 0.030 χ^2/NDF : 1968161.8/24

142.007 +/- 0.021 χ^2/NDF : 4207699.9/51

140.220 +/- 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: 134607.586 $\pm$ 0.074 χ^2 /NDF:133641143.1/7

Right Out: 132023.609 $\pm$ 0.052 χ^2 /NDF: 5890492527.2/19

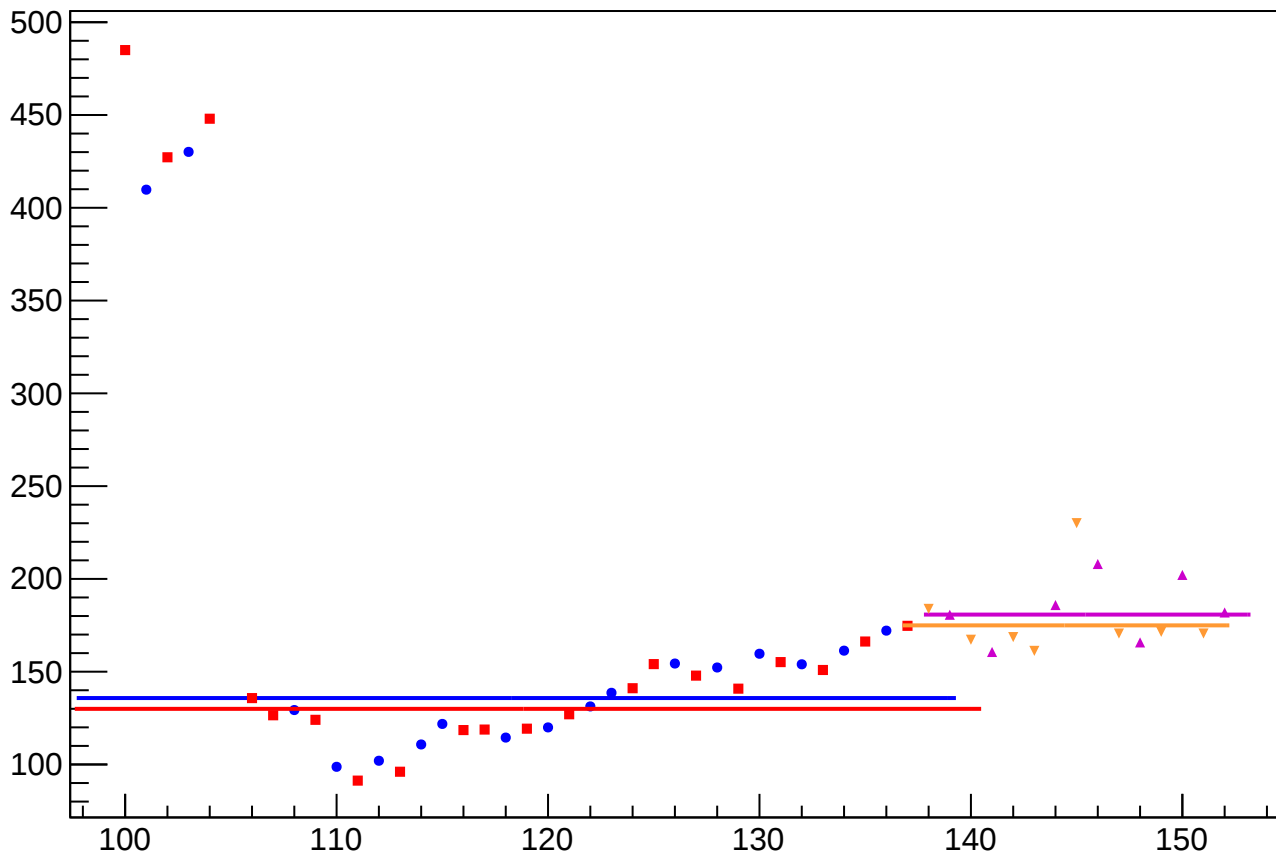
Left In: 134514.496 $\pm$ 0.077 χ^2 /NDF:132207105.9/6

133021.994 $\pm$ 0.045 χ^2 /NDF: 7604703369.2/24

132915.309 $\pm$ 0.031 χ^2 /NDF: 143599313

132816.283 $\pm$ 0.043 χ^2 /NDF: 6744308051.7/26

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.796 +/- 0.040 χ^2/NDF : 1441904.9/16

Left Out: 174.960 +/- 0.052 χ^2/NDF : 107897.4/7

Right Out: 129.975 +/- 0.037 χ^2/NDF : 1504768.0/19

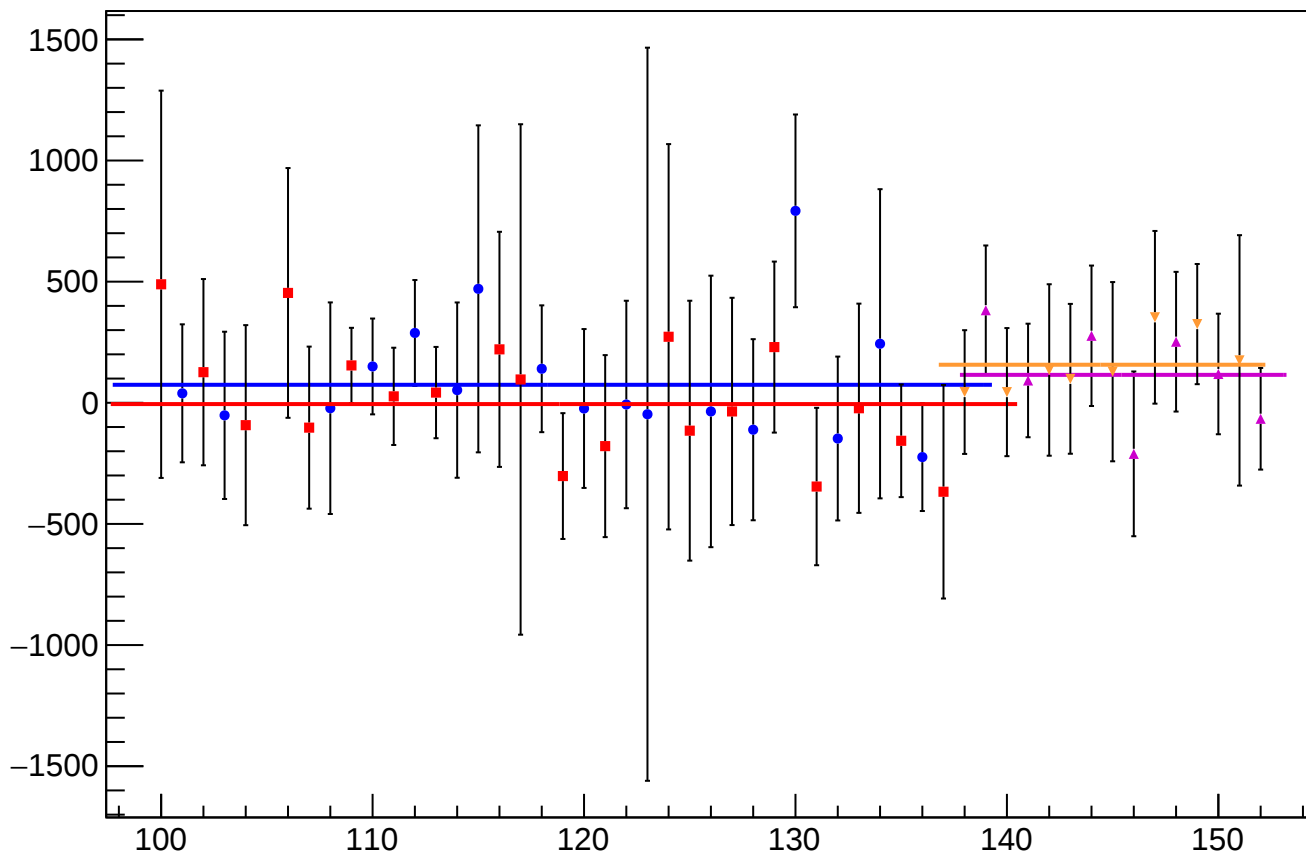
Left In: 180.772 +/- 0.054 χ^2/NDF : 86852.8/6

150.326 +/- 0.032 χ^2/NDF : 1905993.3/24

148.155 +/- 0.022 χ^2/NDF : 4106864.8/51

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 $\chi^2/\text{NDF}: 7.7/16$

Left Out: 157.078 ± 109.594 $\chi^2/\text{NDF}: 1.2/7$

Right Out: -5.290 ± 69.914 $\chi^2/\text{NDF}: 7.1/19$

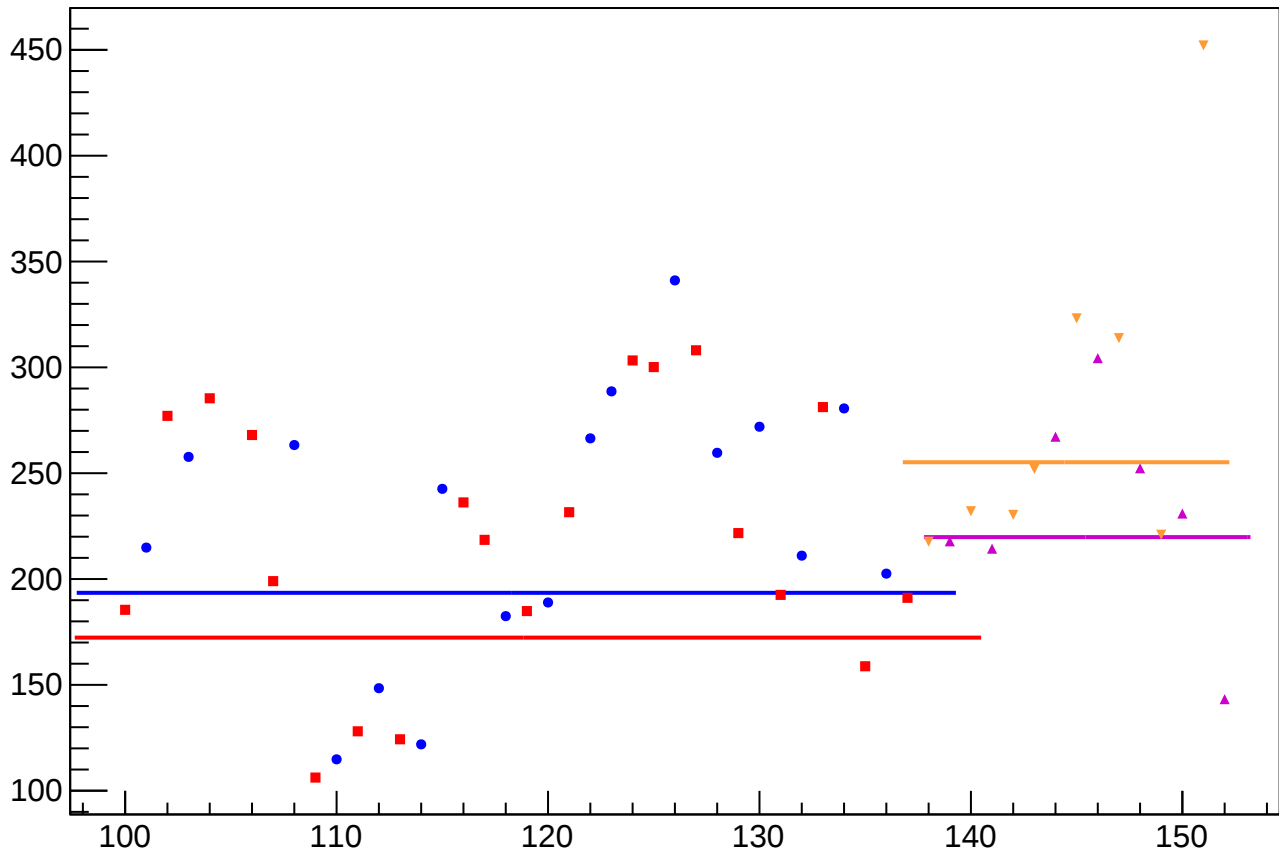
Left In: 115.309 ± 98.217 $\chi^2/\text{NDF}: 3.2/6$

102.610 ± 64.095 $\chi^2/\text{NDF}: 9.2/24$

64.982 ± 42.576 $\chi^2/\text{NDF}: 21.2/51$

35.268 ± 56.958 $\chi^2/\text{NDF}: 11.3/26$

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.488 +/- 0.056 χ^2/NDF : 1017195.7/16

Left Out: 255.186 +/- 0.077 χ^2/NDF : 518640.7/7

Right Out: 172.327 +/- 0.049 χ^2/NDF : 1583701.4/19

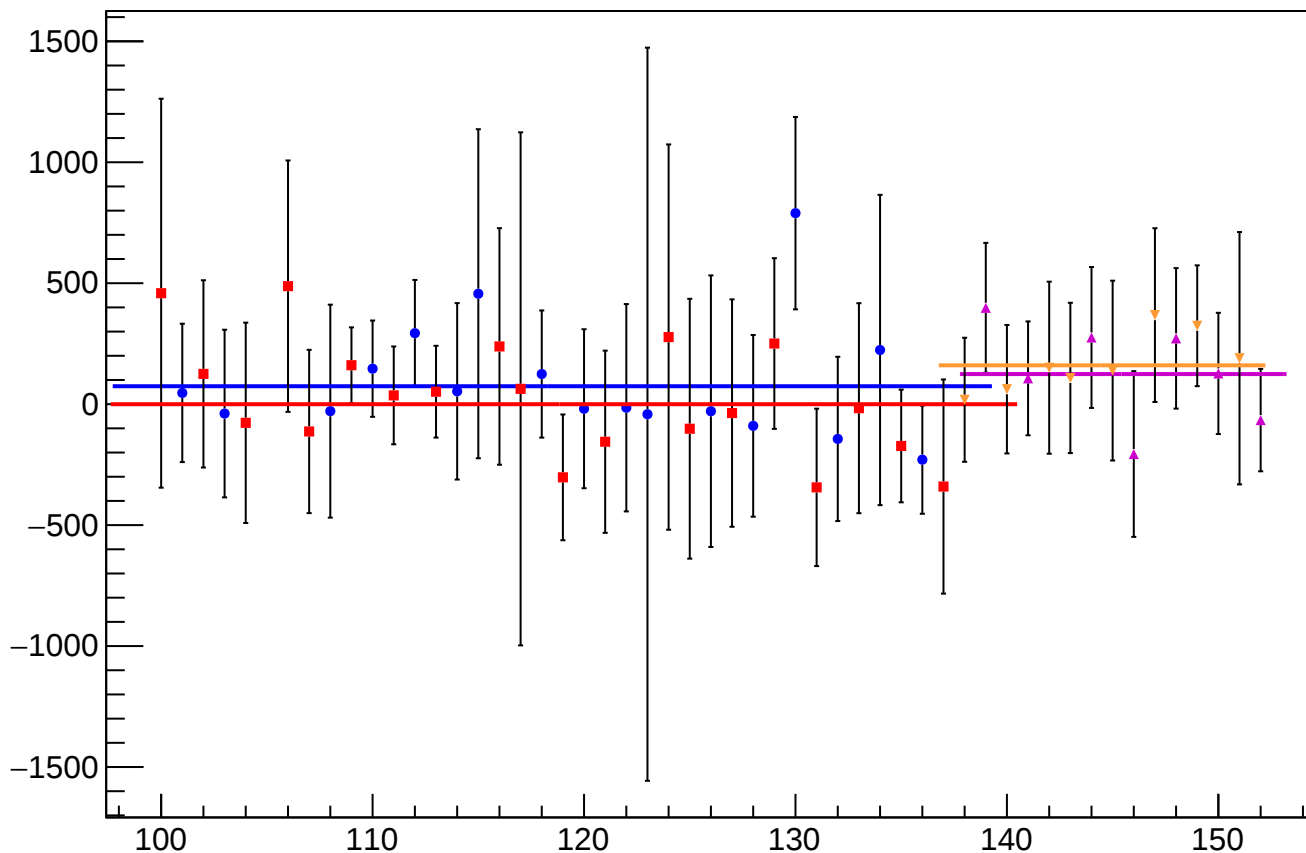
Left In: 219.812 +/- 0.069 χ^2/NDF : 474224.9/6

214.591 +/- 0.045 χ^2/NDF : 1952889.3/24

199.898 +/- 0.030 χ^2/NDF : 4509171.8/51

188.296 +/- 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: 160.565+/-110.196 χ^2/NDF : 1.2/7

Right Out: -0.223+/-70.282 χ^2/NDF : 7.3/19

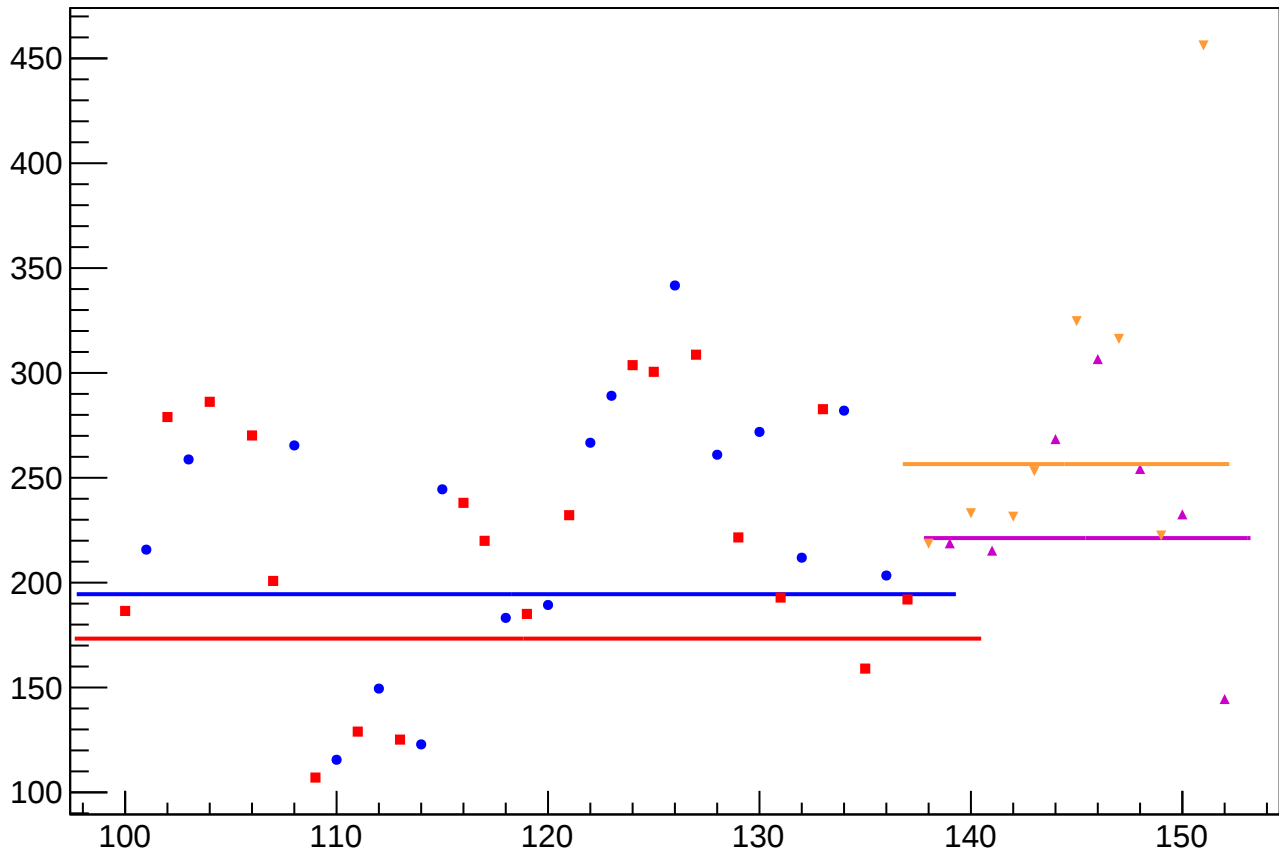
Left In: 124.373+/-98.848 χ^2/NDF : 3.3/6

103.649+/-64.422 χ^2/NDF : 9.2/24

69.004+/-42.806 χ^2/NDF : 21.4/51

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: 256.538 $\pm$ 0.078 χ^2/NDF : 522350.7/7

Right Out: 173.317 $\pm$ 0.050 χ^2/NDF : 1571258.4/19

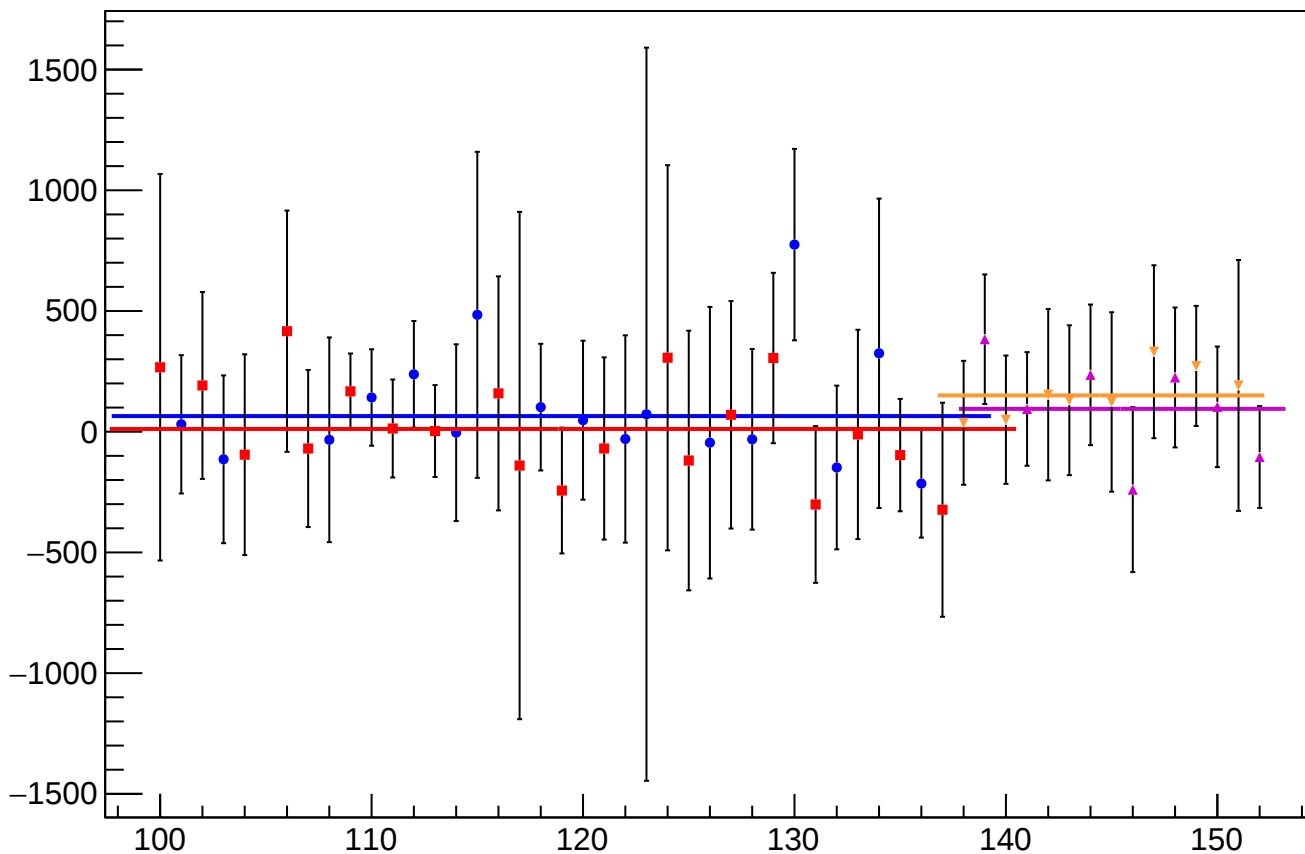
Left In: 221.254 $\pm$ 0.070 χ^2/NDF : 470932.4/6

215.700 $\pm$ 0.046 χ^2/NDF : 1948164.4/24

201.019 $\pm$ 0.030 χ^2/NDF : 4488751.8/51

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 $\chi^2/\text{NDF}: 7.0/16$

Left Out: 150.488 ± 110.051 $\chi^2/\text{NDF}: 0.9/7$

Right Out: 11.414 ± 70.204 $\chi^2/\text{NDF}: 5.8/19$

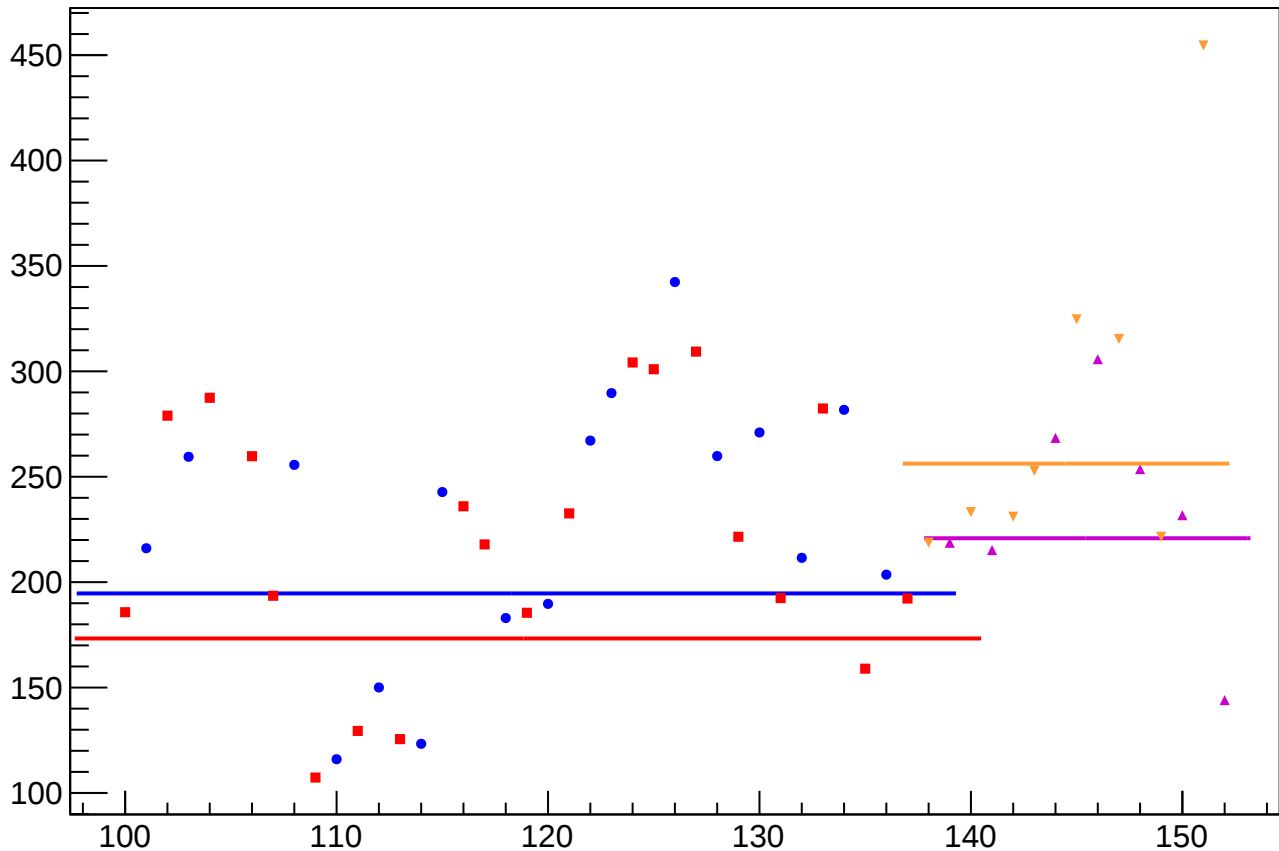
Left In: 94.646 ± 98.663 $\chi^2/\text{NDF}: 3.4/6$

94.089 ± 64.390 $\chi^2/\text{NDF}: 8.3/24$

63.517 ± 42.764 $\chi^2/\text{NDF}: 18.4/51$

39.390 ± 57.201 $\chi^2/\text{NDF}: 9.8/26$

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.652 +/- 0.056 χ^2/NDF : 986798.9/16

Left Out: 256.227 +/- 0.078 χ^2/NDF : 520529.8/7

Right Out: 173.289 +/- 0.050 χ^2/NDF : 1548162.6/19

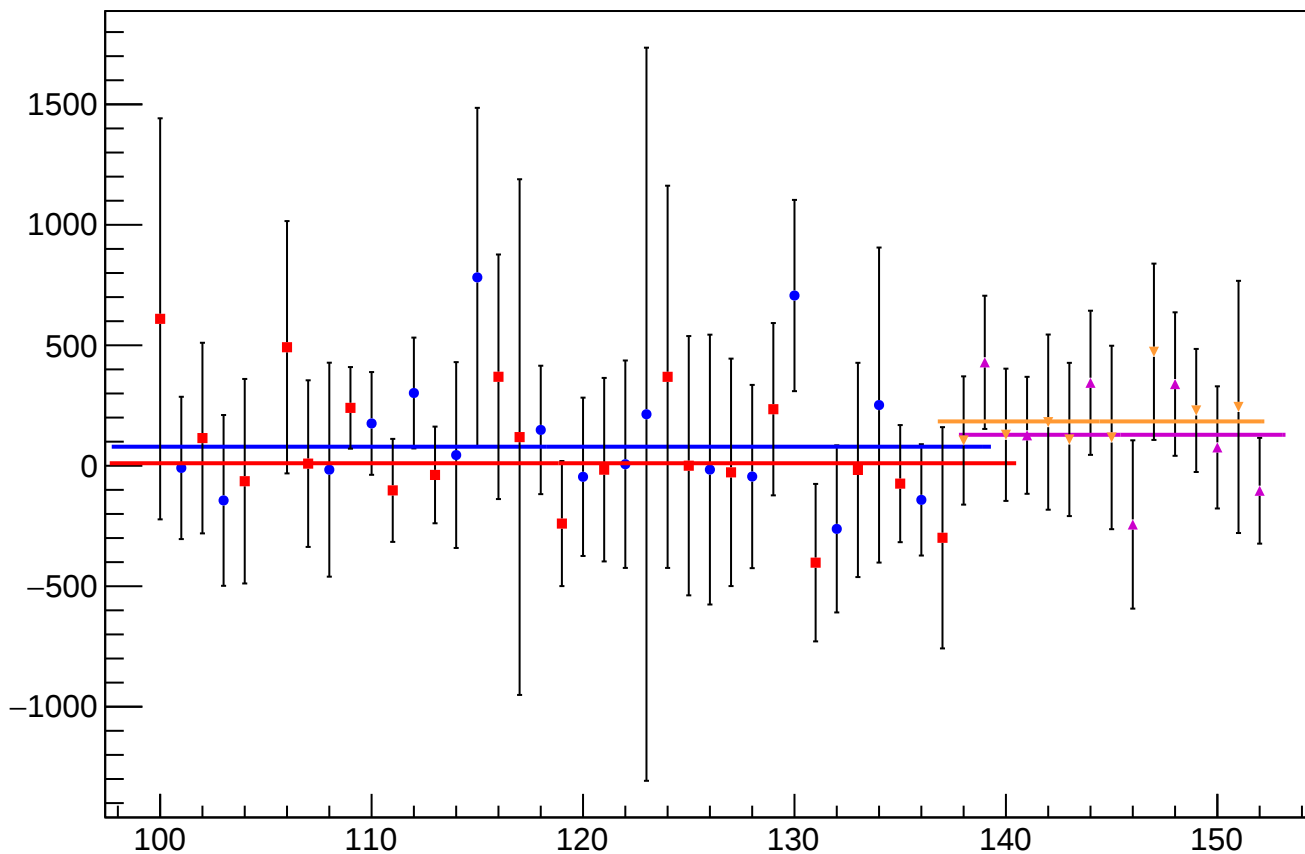
Left In: 220.828 +/- 0.070 χ^2/NDF : 472631.2/6

215.731 +/- 0.046 χ^2/NDF : 1919106.7/24

200.940 +/- 0.030 χ^2/NDF : 4436968.6/51

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: 184.074 $\pm$ 113.085 χ^2 /NDF: 0.9/7

Right Out: 10.491 $\pm$ 73.139 χ^2 /NDF: 7.9/19

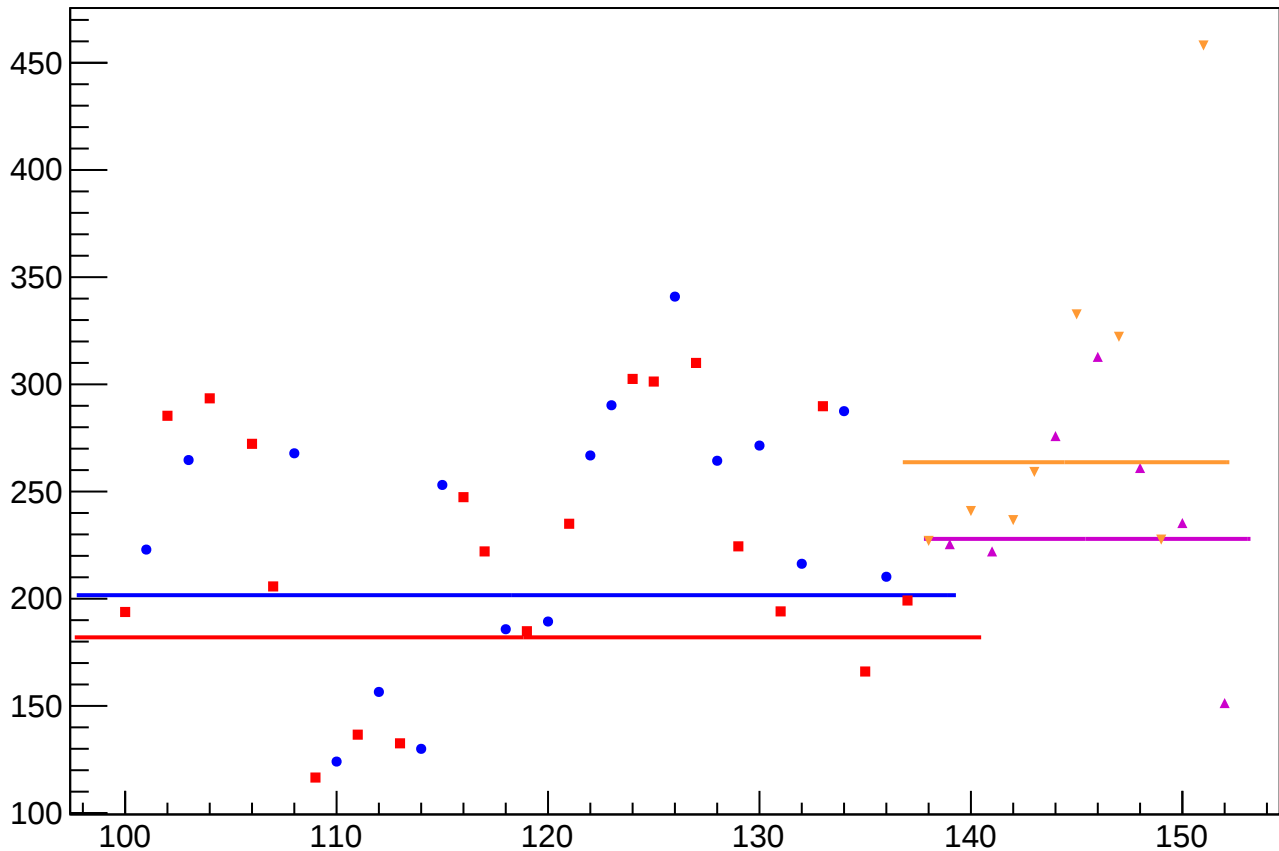
Left In: 128.578 $\pm$ 101.531 χ^2 /NDF: 4.5/6

115.221 $\pm$ 66.318 χ^2 /NDF: 9.0/24

79.465 $\pm$ 44.223 χ^2 /NDF: 22.7/51

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: 263.678 $\pm$ 0.080 χ^2 /NDF: 495956.6/7

Right Out: 181.986 $\pm$ 0.052 χ^2 /NDF: 1380269.0/19

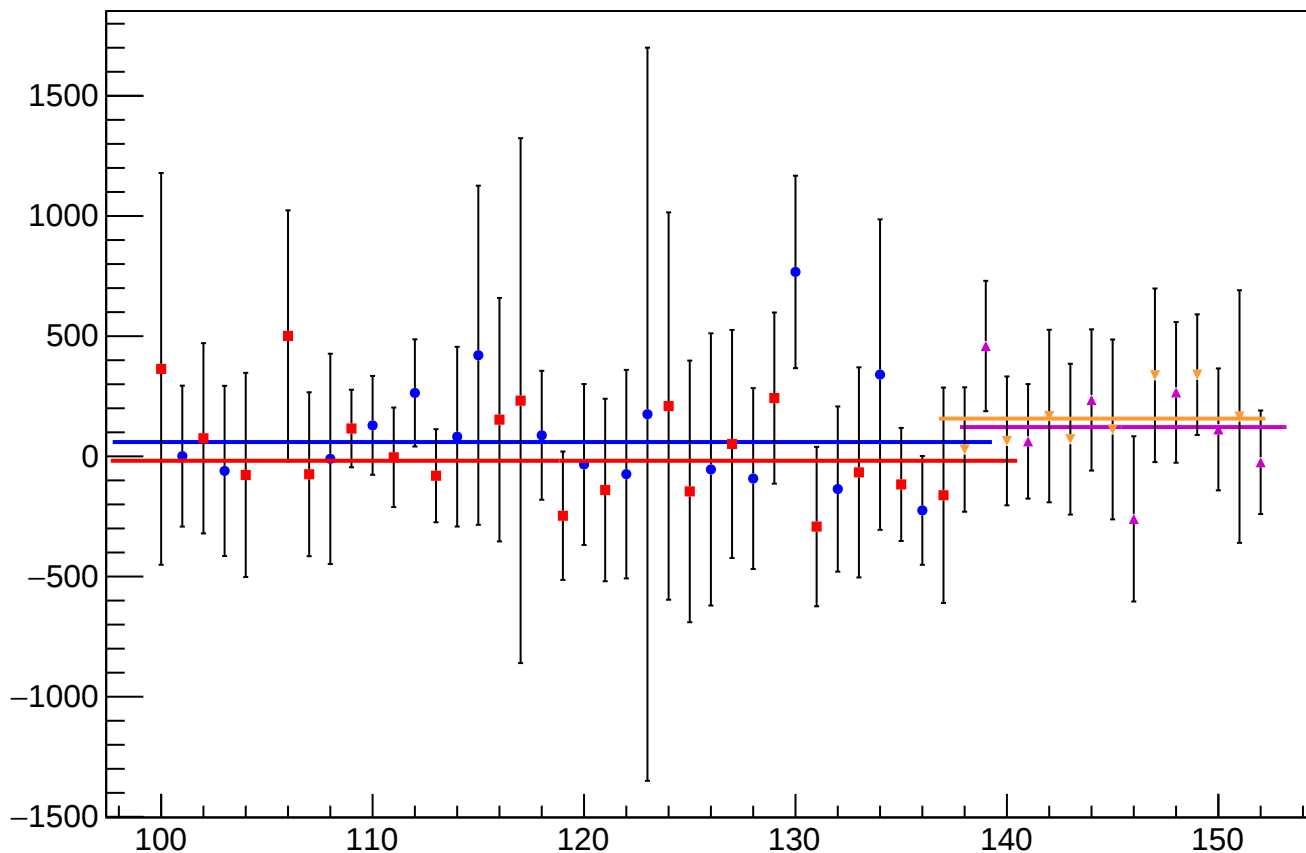
Left In: 227.916 $\pm$ 0.072 χ^2 /NDF: 440607.4/6

222.985 $\pm$ 0.047 χ^2 /NDF: 1773868.6/24

208.931 $\pm$ 0.031 χ^2 /NDF: 4025956.3/51

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: 157.034 $\pm$ 111.067 χ^2/NDF : 1.2/7

Right Out: -18.457 $\pm$ 71.711 χ^2/NDF : 4.8/19

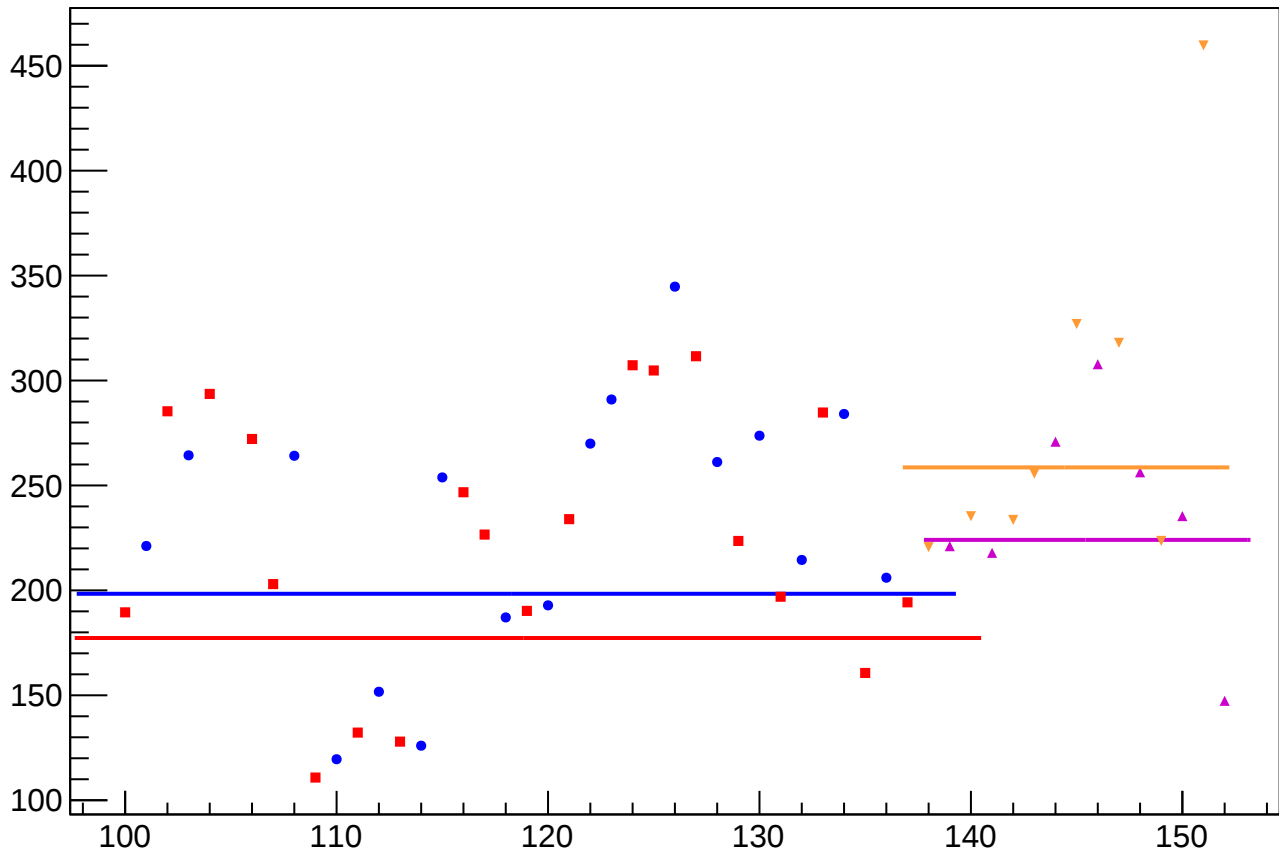
Left In: 121.744 $\pm$ 99.976 χ^2/NDF : 3.7/6

93.256 $\pm$ 65.344 χ^2/NDF : 8.7/24

57.559 $\pm$ 43.490 χ^2/NDF : 19.1/51

29.171 $\pm$ 58.271 χ^2/NDF : 9.8/26

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378 +/- 0.057 χ^2/NDF : 963672.6/16

Left Out: 258.602 +/- 0.079 χ^2/NDF : 520575.6/7

Right Out: 177.309 +/- 0.051 χ^2/NDF : 1528855.2/19

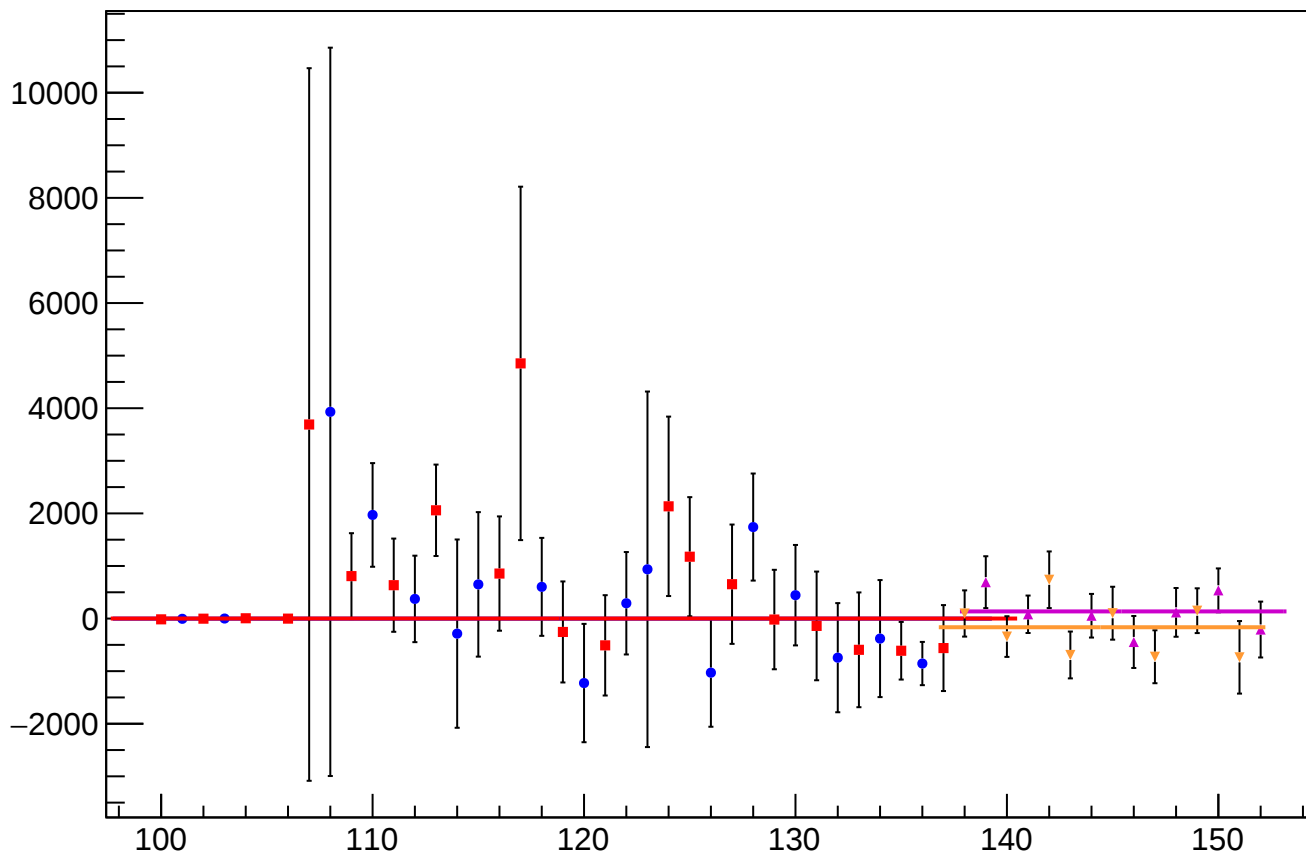
Left In: 224.064 +/- 0.071 χ^2/NDF : 452618.9/6

219.223 +/- 0.046 χ^2/NDF : 1868738.2/24

204.723 +/- 0.031 χ^2/NDF : 4315826.7/51

193.193 +/- 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: -164.960 ± 166.965 χ^2/NDF : 7.5/7

Right Out: 0.728 ± 2.111 χ^2/NDF : 21.4/19

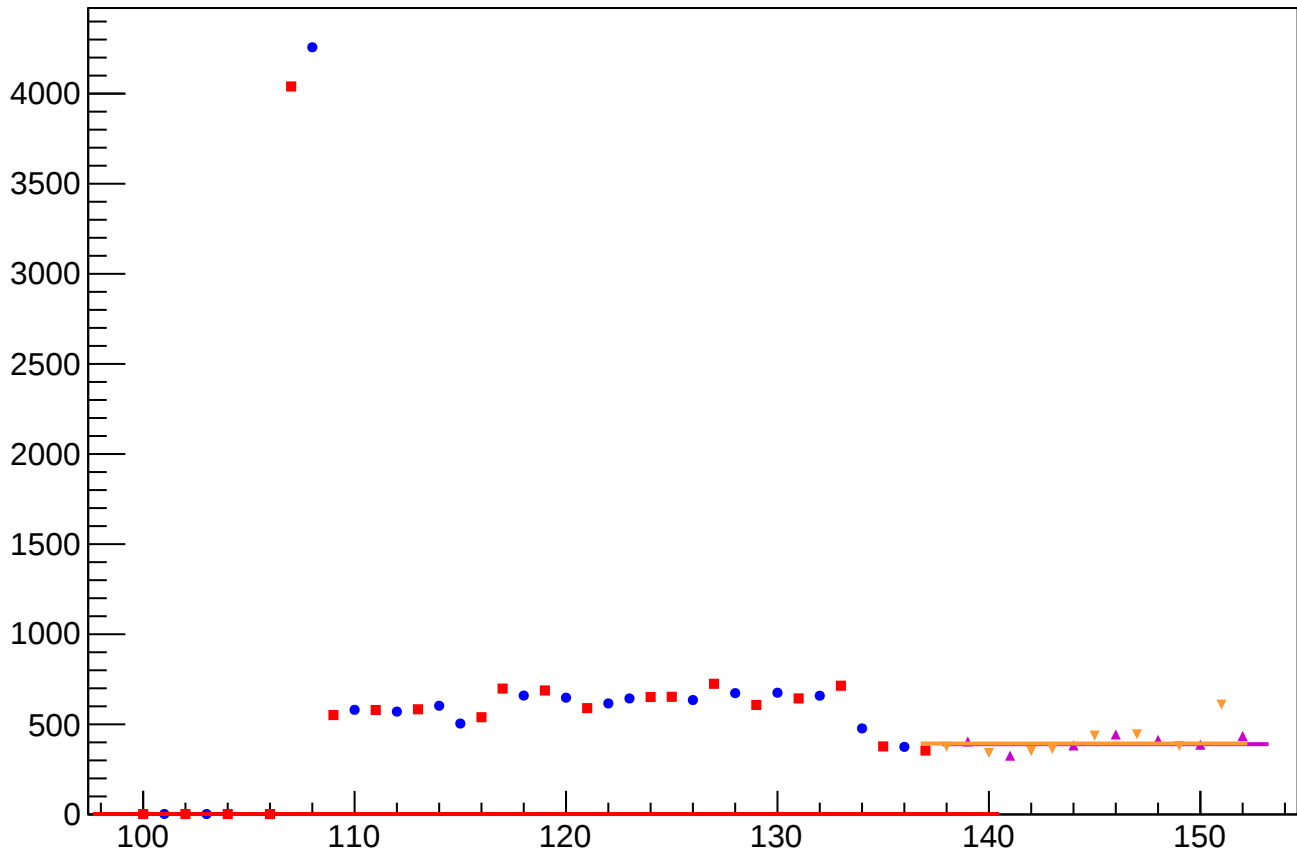
Left In: 136.025 ± 167.037 χ^2/NDF : 4.1/6

-1.559 ± 2.251 χ^2/NDF : 25.4/24

-0.330 ± 1.540 χ^2/NDF : 52.1/51

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: 393.831+/-0.118 χ^2/NDF : 295335.8/7

Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

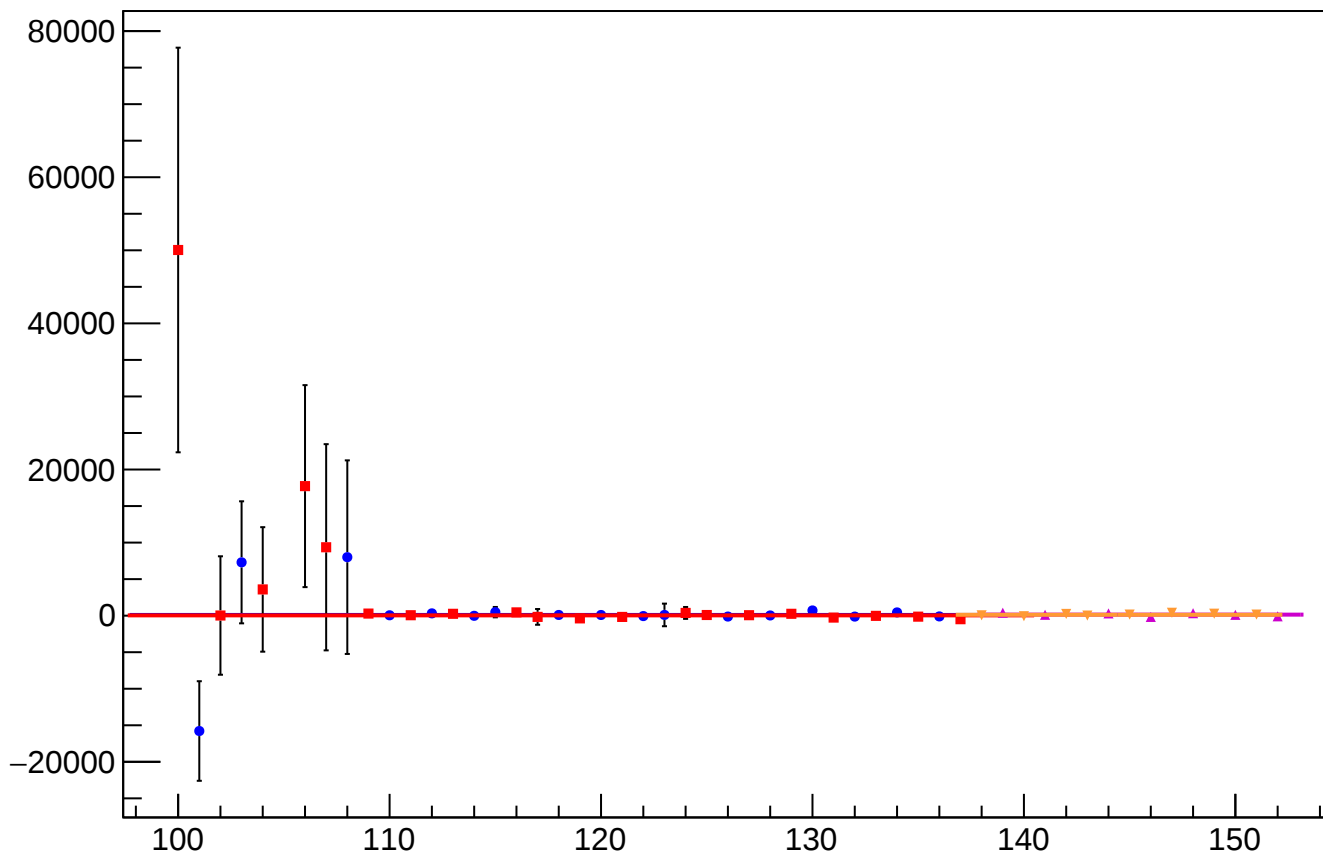
Left In: 389.930+/-0.118 χ^2/NDF : 110400.2/6

2.528+/-0.002 χ^2/NDF : 22130298.0/24

2.512+/-0.001 χ^2/NDF : 44235302.1/51

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: 122.213+/-116.616 χ^2/NDF : 1.6/7

Right Out: 41.024+/-84.237 χ^2/NDF : 13.9/19

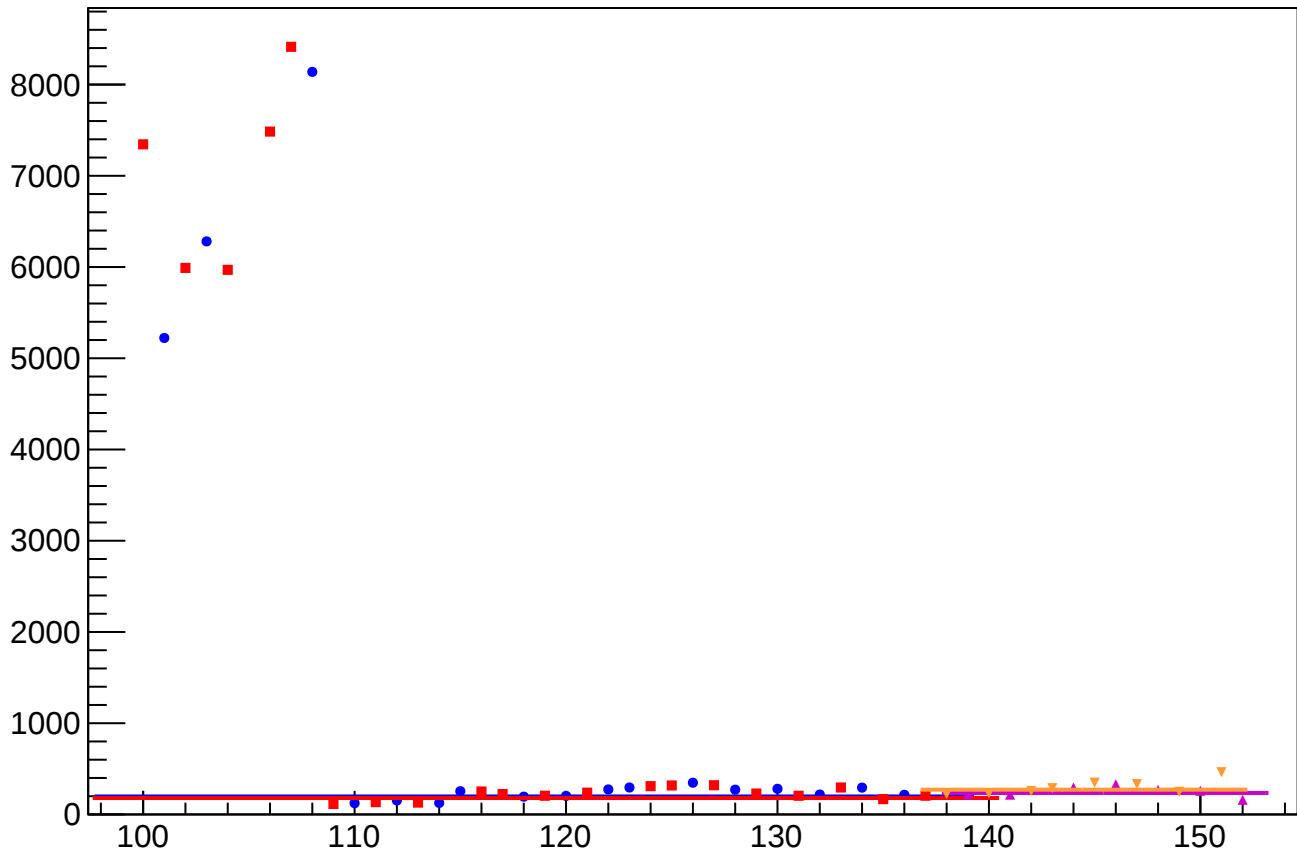
Left In: 141.412+/-104.914 χ^2/NDF : 3.4/6

107.547+/-71.673 χ^2/NDF : 13.5/24

92.778+/-48.425 χ^2/NDF : 31.5/51

80.374+/-65.685 χ^2/NDF : 17.9/26

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086+/-0.064 χ^2/NDF : 3693614.0/16

Left Out: 271.403+/-0.082 χ^2/NDF : 538356.9/7

Right Out: 180.217+/-0.060 χ^2/NDF : 4324457.3/19

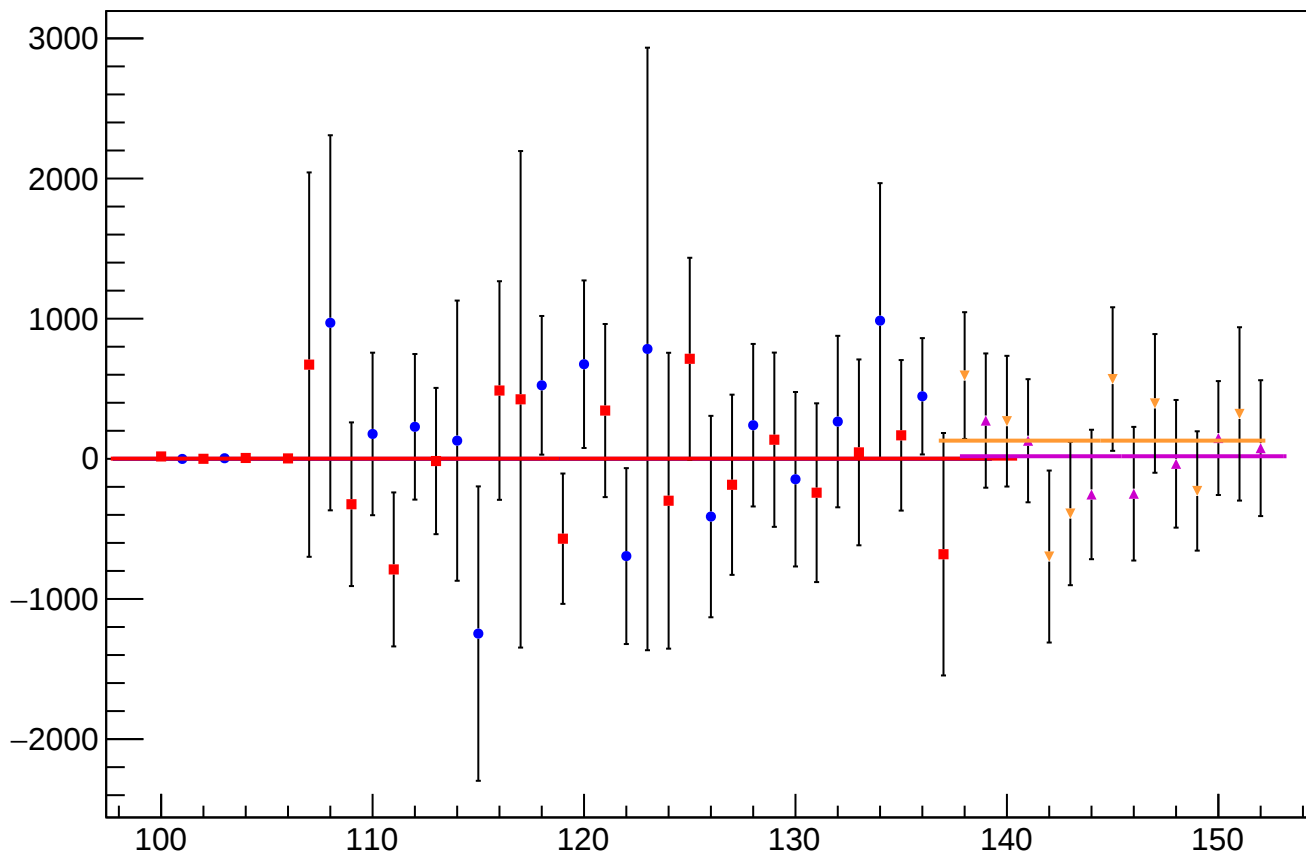
Left In: 235.521+/-0.074 χ^2/NDF : 469295.6/6

225.159+/-0.051 χ^2/NDF : 4737402.4/24

212.514+/-0.034 χ^2/NDF : 9983577.5/51

201.895+/-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: 129.755 ± 176.794 χ^2/NDF : 5.8/7

Right Out: 1.324 ± 1.623 χ^2/NDF : 9.7/19

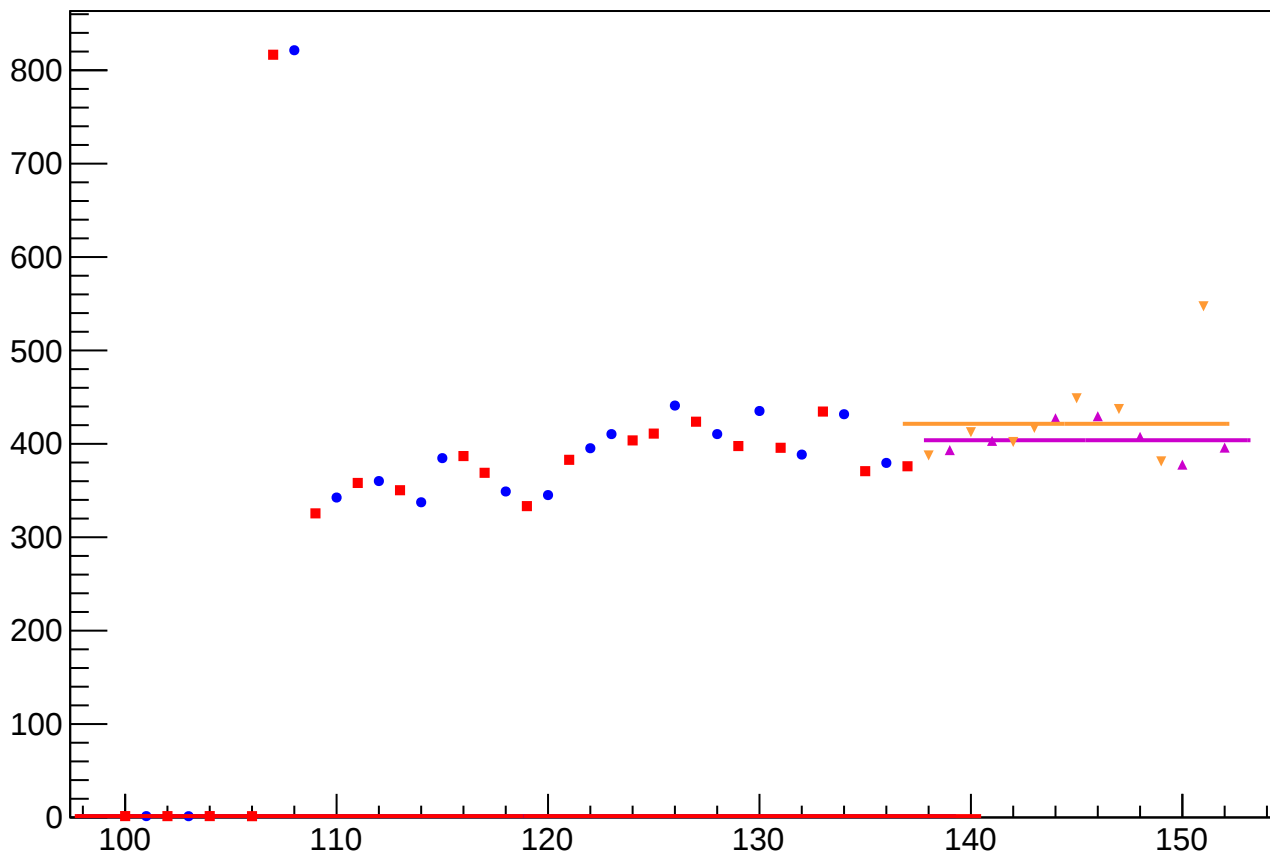
Left In: 18.379 ± 172.110 χ^2/NDF : 1.1/6

-0.126 ± 1.737 χ^2/NDF : 16.1/24

0.649 ± 1.186 χ^2/NDF : 27.3/51

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: 421.458+/-0.125 χ^2/NDF :122498.3/7

Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

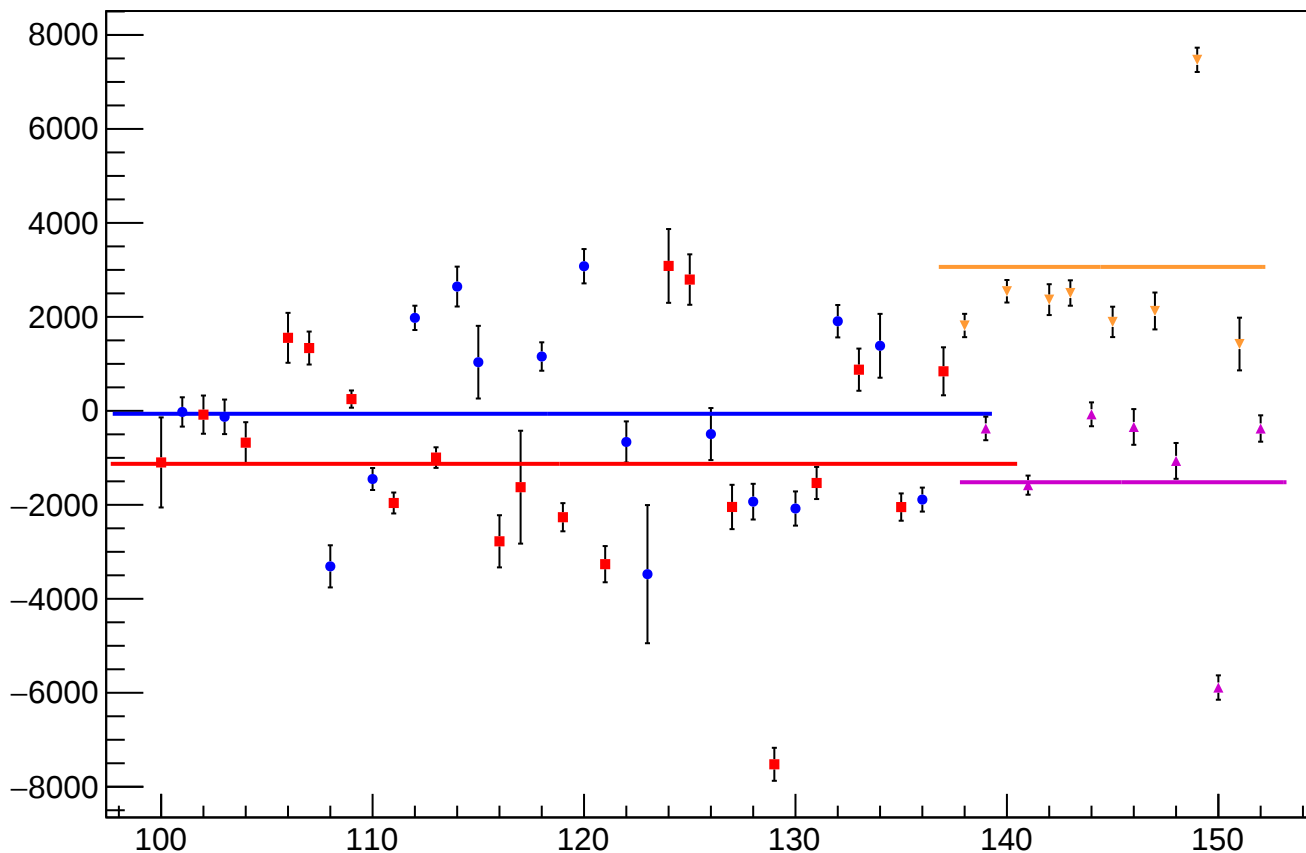
Left In: 403.869+/-0.122 χ^2/NDF :20884.4/6

1.493+/-0.001 χ^2/NDF : 22367036.5/24

1.490+/-0.001 χ^2/NDF : 44287642.0/51

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: 3063.614 ± 104.959 χ^2/NDF : 356.2/7

Right Out: -1127.552 ± 78.203 χ^2/NDF : 671.4/19

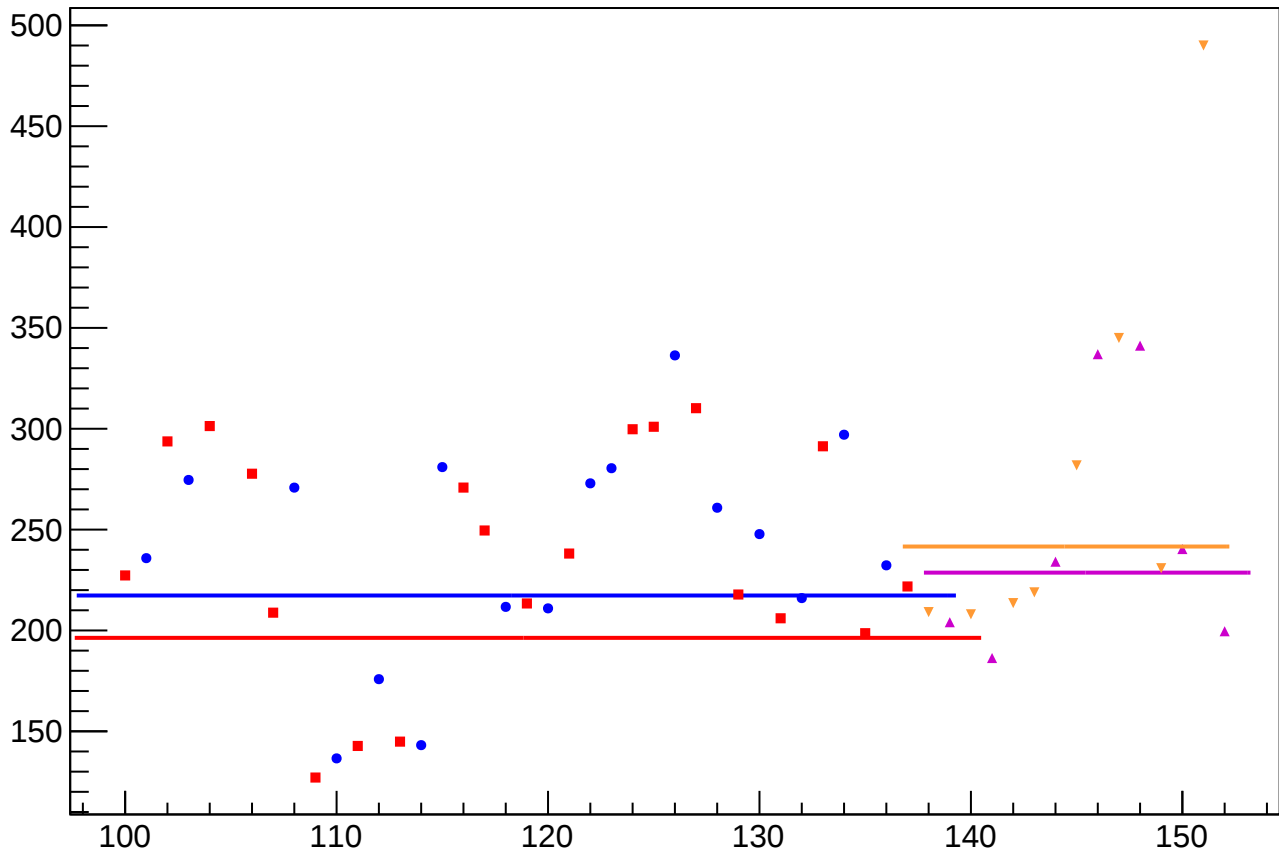
Left In: -1519.067 ± 101.609 χ^2/NDF : 364.5/6

1218.158 ± 67.174 χ^2/NDF : 1313.7/24

-127.684 ± 45.550 χ^2/NDF : 3102.0/51

-1273.195 ± 61.973 χ^2/NDF : 1045.2/26

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330 ± 0.062 $\chi^2/\text{NDF}: 652722.5/16$

Left Out: 241.610 ± 0.074 $\chi^2/\text{NDF}: 667714.7/7$

Right Out: 196.332 ± 0.055 $\chi^2/\text{NDF}: 1194678.0/19$

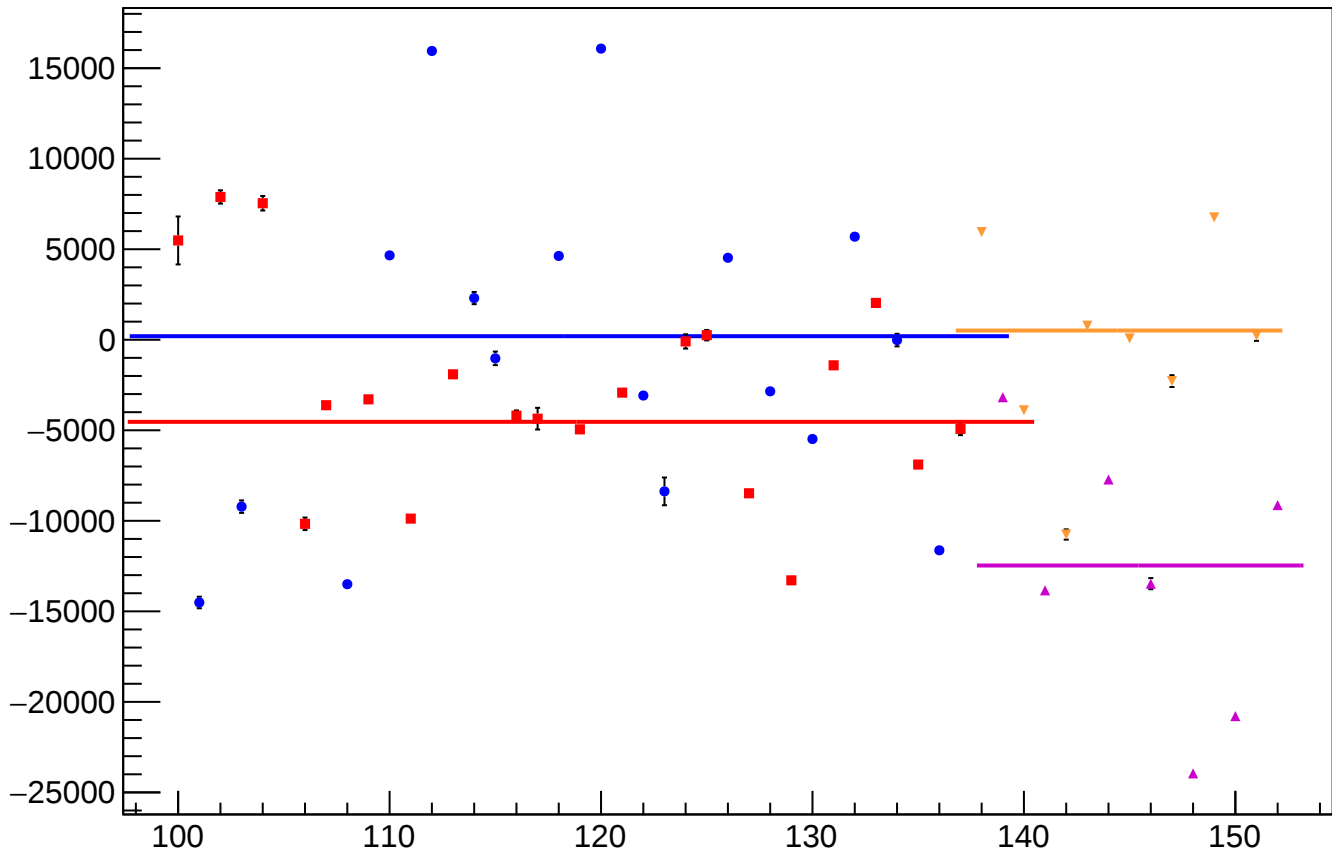
Left In: 228.666 ± 0.072 $\chi^2/\text{NDF}: 468399.2/6$

227.275 ± 0.047 $\chi^2/\text{NDF}: 1383627.3/24$

217.057 ± 0.032 $\chi^2/\text{NDF}: 3259558.8/51$

208.360 ± 0.044 $\chi^2/\text{NDF}: 1790268.4/26$

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 $\pm$ 54.799 χ^2/NDF : 30658.3/16

Left Out: 509.603 $\pm$ 87.518 χ^2/NDF :3594.4/7

Right Out: -4532.856 $\pm$ 52.261 χ^2/NDF : 7477.3/19

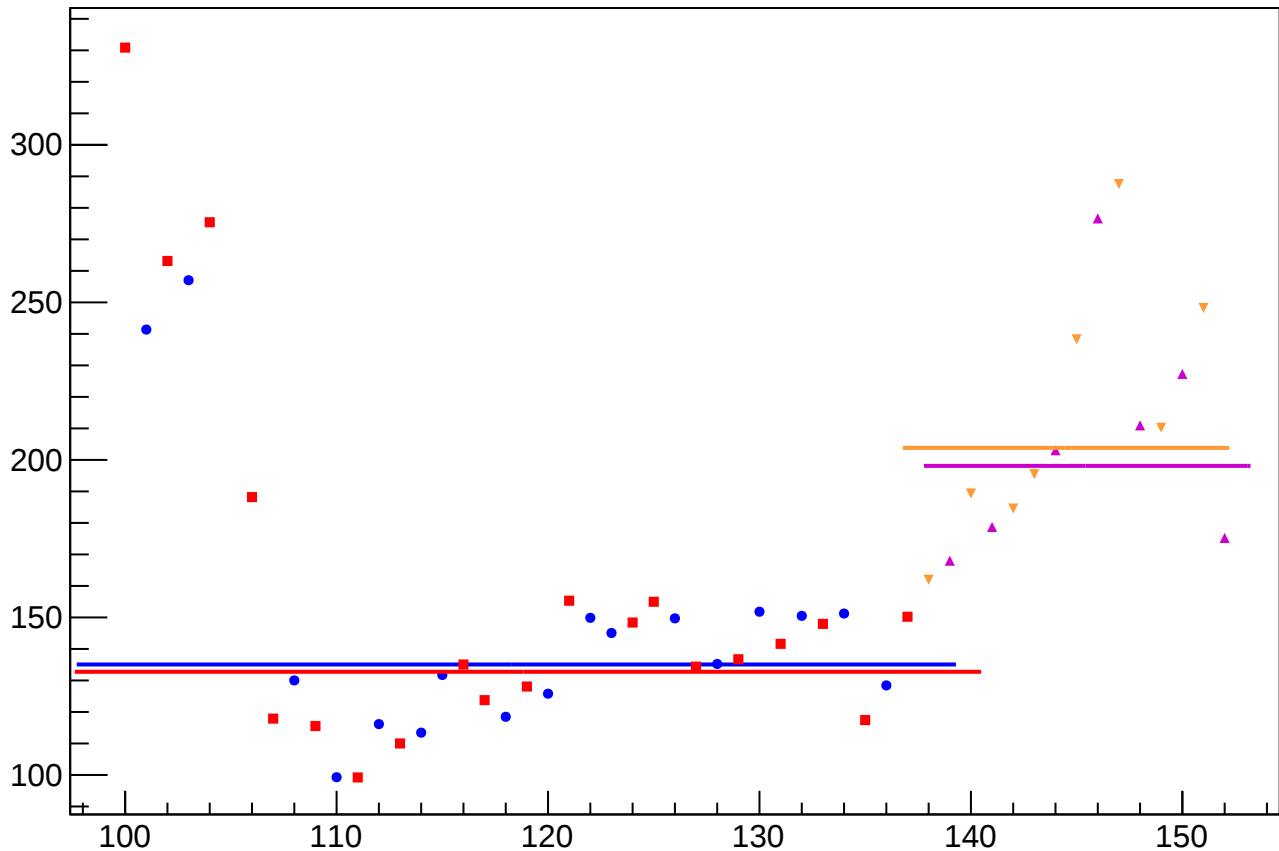
Left In: -12467.990 $\pm$ 86.817 χ^2/NDF :6121.3/6

285.046 $\pm$ 46.445 χ^2/NDF : 34261.9/24

-3306.057 $\pm$ 32.235 χ^2/NDF : 65526.7/51

-6643.459 $\pm$ 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: 203.825+/-0.062 χ^2/NDF : 326490.5/7

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

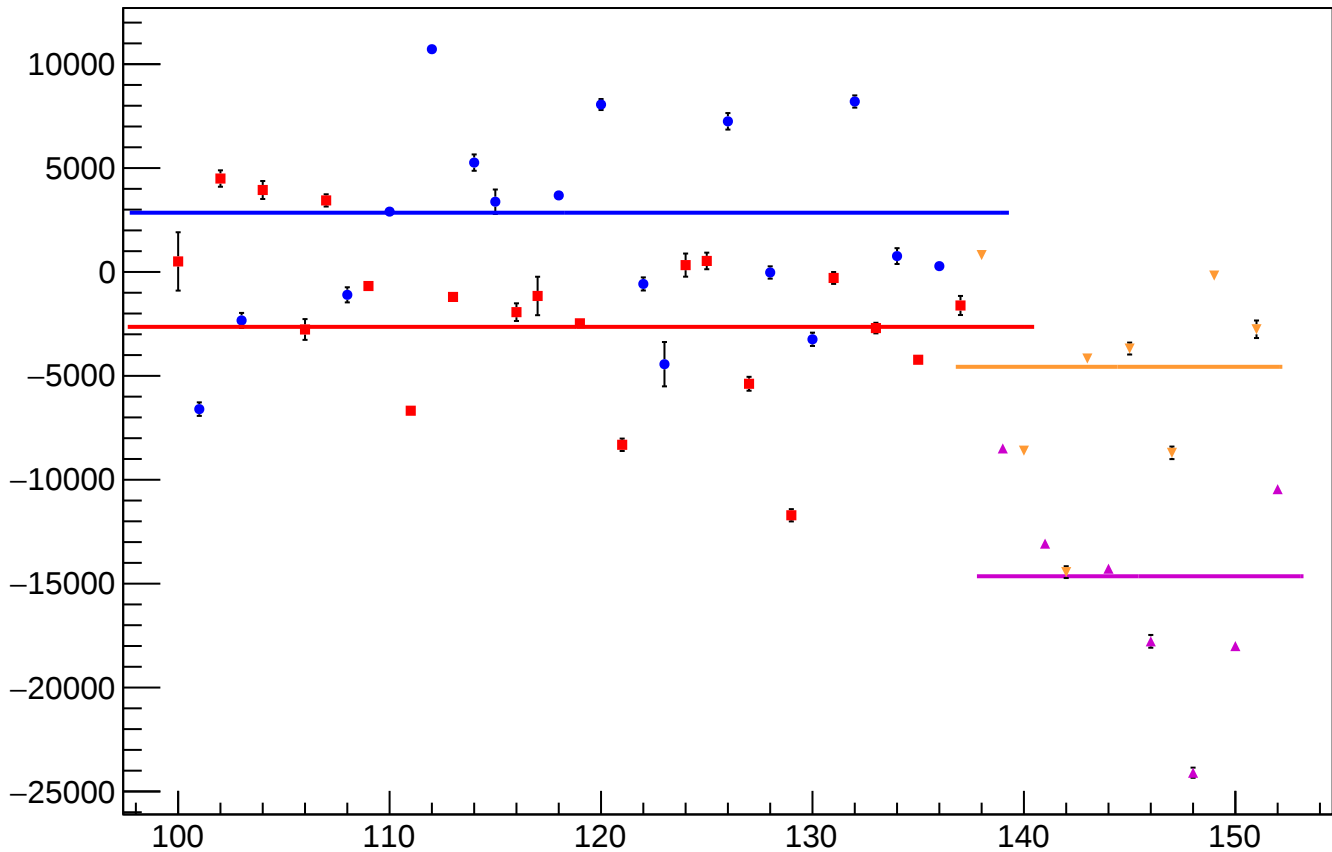
Left In: 198.106+/-0.061 χ^2/NDF : 247231.6/6

154.435+/-0.033 χ^2/NDF : 1871864.0/24

152.204+/-0.023 χ^2/NDF : 3791663.6/51

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: -4564.528 $\pm$ 89.610 χ^2 /NDF:2863.8/7

Right Out: -2641.642 $\pm$ 65.566 χ^2 /NDF: 3178.3/19

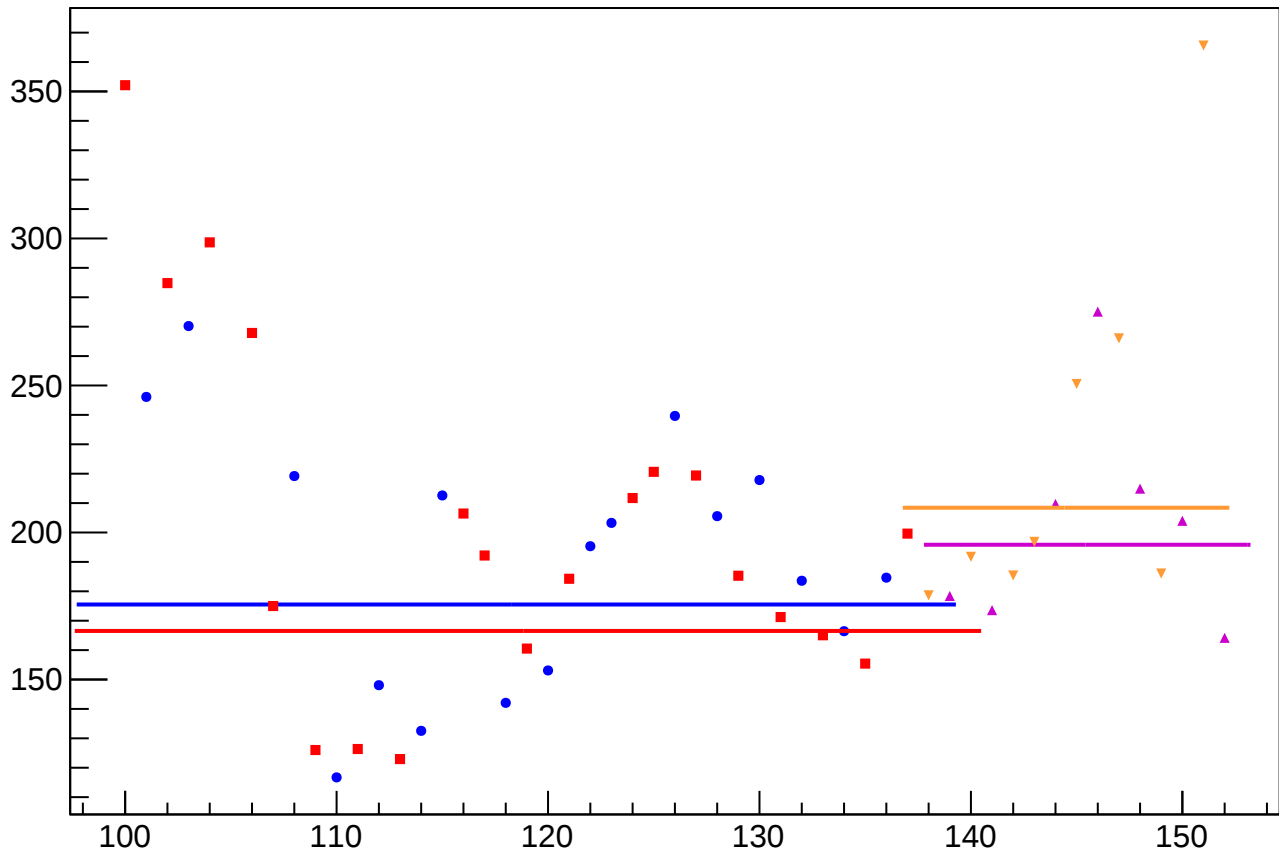
Left In: -14643.834 $\pm$ 85.919 χ^2 /NDF:3039.3/6

3.576 $\pm$ 55.530 χ^2 /NDF: 11260.8/24

-3750.883 $\pm$ 38.004 χ^2 /NDF: 38409.2/51

-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: 208.422 +/- 0.063 χ^2/NDF : 485359.2/7

Right Out: 166.522 +/- 0.046 χ^2/NDF : 931079.9/19

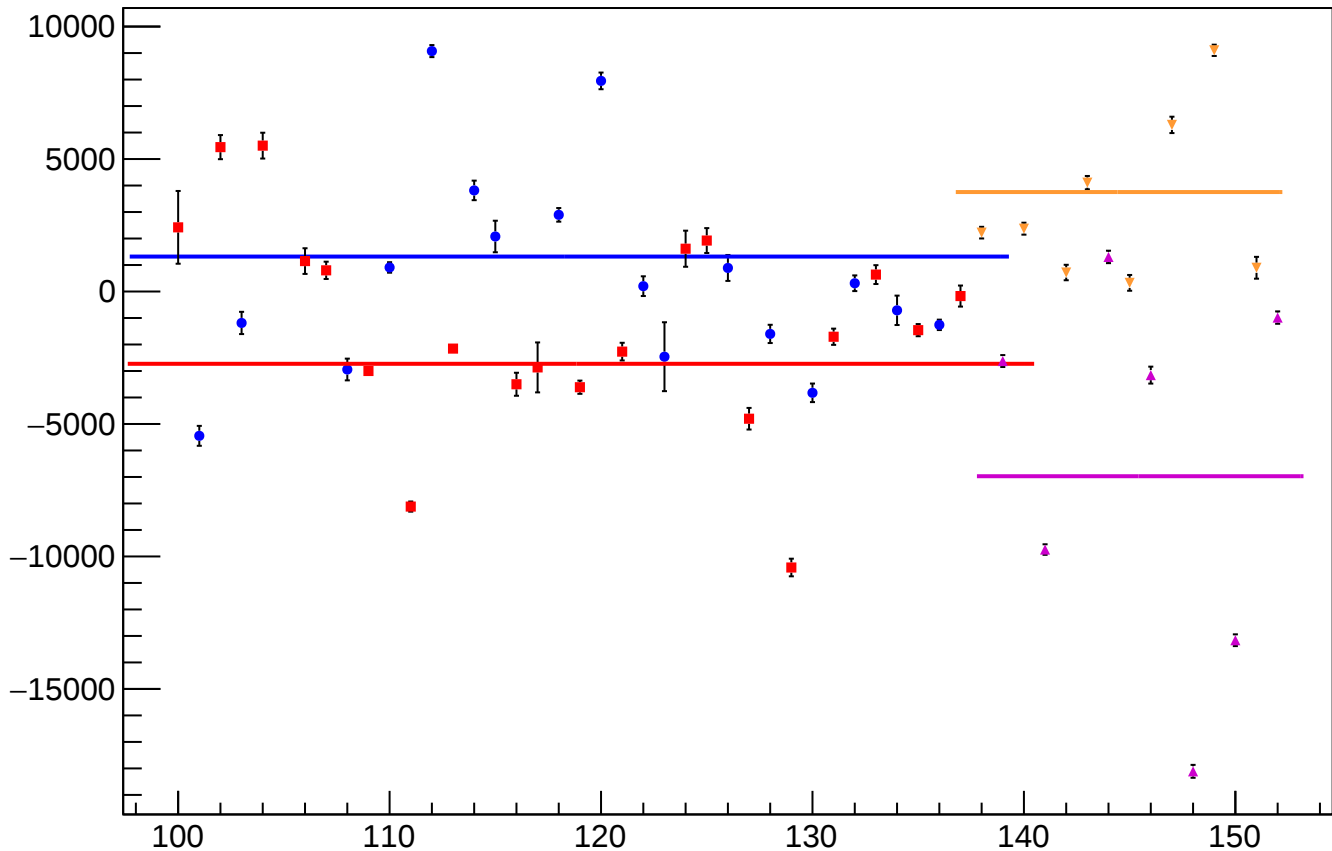
Left In: 195.832 +/- 0.061 χ^2/NDF : 234973.0/6

188.151 +/- 0.039 χ^2/NDF : 1341144.8/24

182.387 +/- 0.027 χ^2/NDF : 2694818.1/51

177.309 +/- 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: 3754.122 +/- 92.303 χ^2/NDF : 1074.2/7

Right Out: -2728.550 +/- 69.837 χ^2/NDF : 2495.9/19

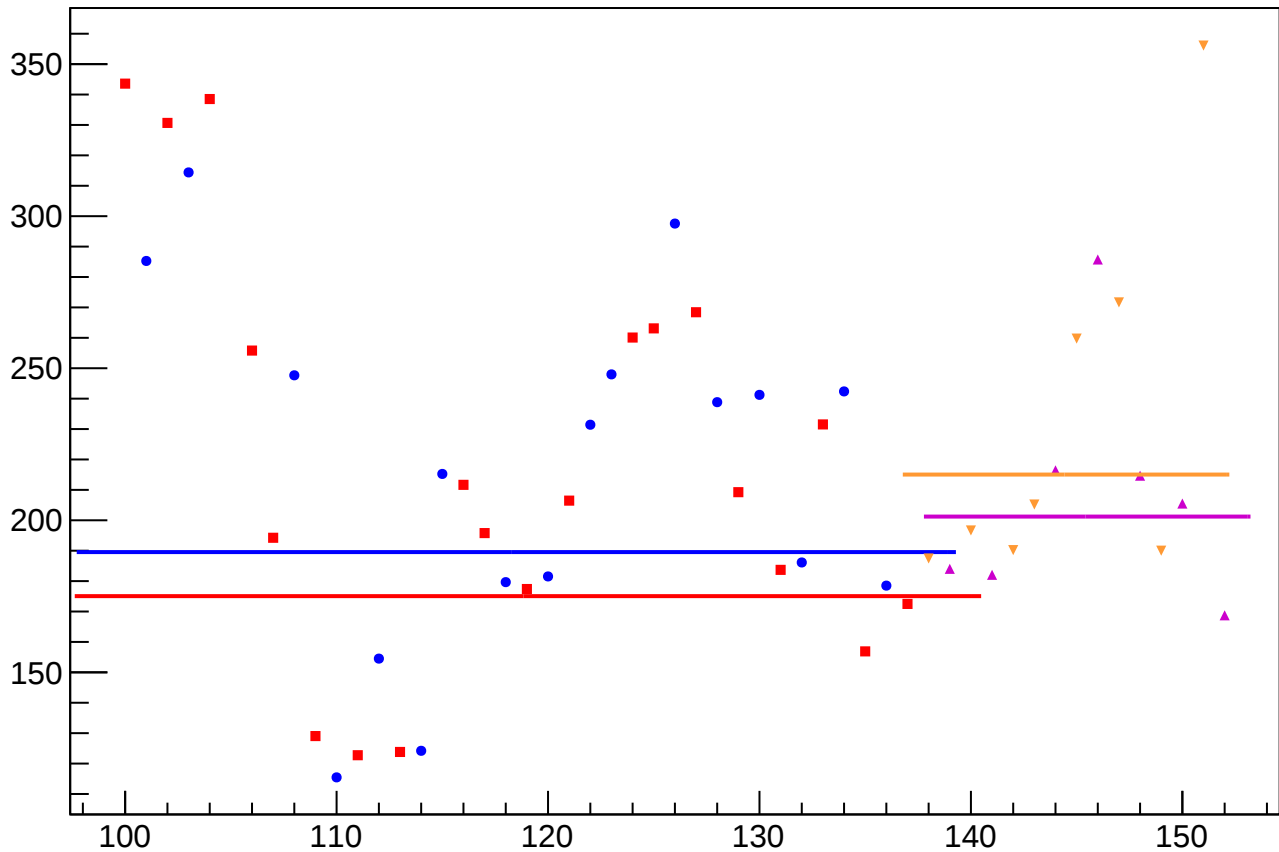
Left In: -6971.777 +/- 88.297 χ^2/NDF : 5468.8/6

2320.465 +/- 59.194 χ^2/NDF : 4151.0/24

-1279.180 +/- 40.203 χ^2/NDF : 20401.0/51

-4361.473 +/- 54.775 χ^2/NDF : 9385.4/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 $\pm$ 0.055 χ^2 /NDF: 980744.6/16

Left Out: 215.036 $\pm$ 0.065 χ^2 /NDF: 436320.7/7

Right Out: 175.058 $\pm$ 0.049 χ^2 /NDF: 1298079.7/19

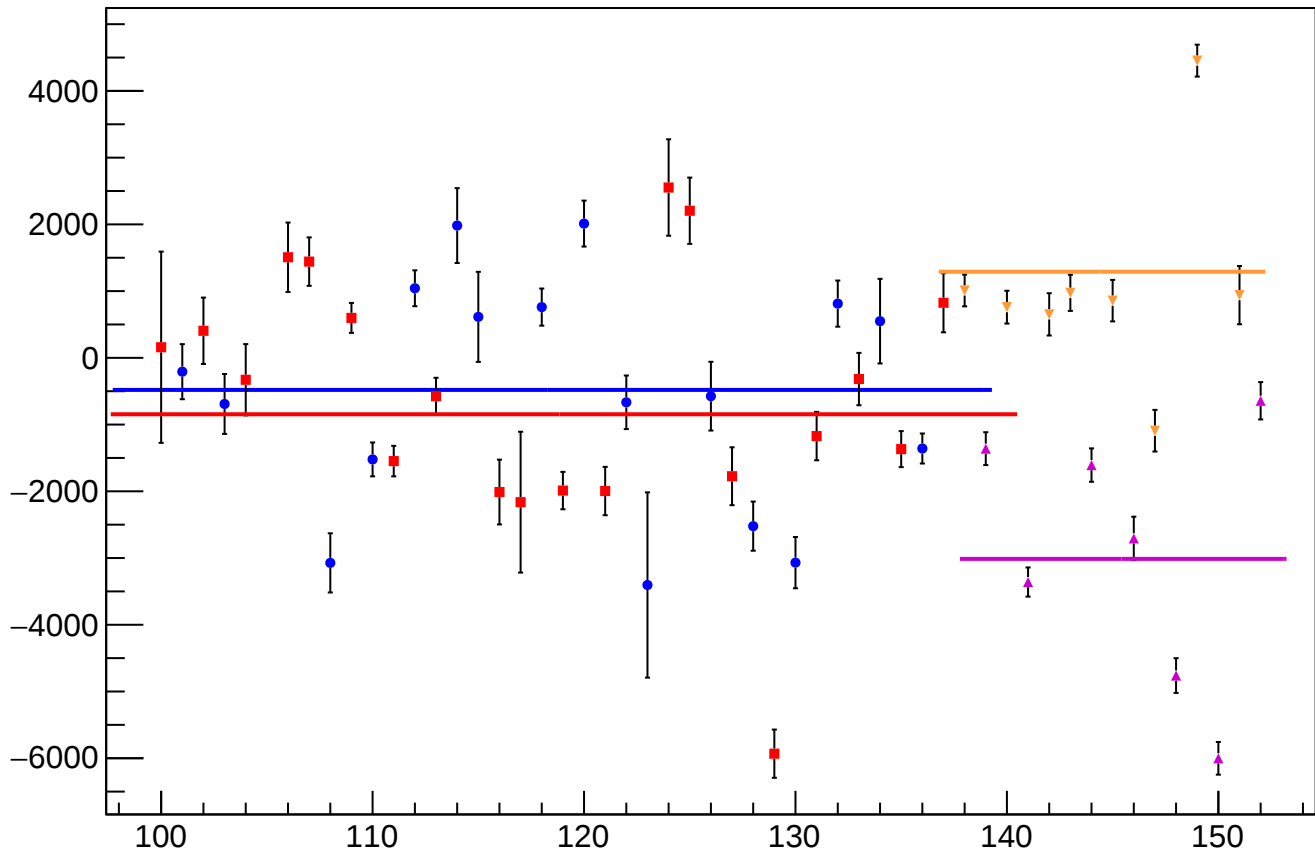
Left In: 201.221 $\pm$ 0.062 χ^2 /NDF: 223920.8/6

200.028 $\pm$ 0.042 χ^2 /NDF: 1506870.3/24

192.000 $\pm$ 0.028 χ^2 /NDF: 3205172.9/51

185.127 $\pm$ 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: 1290.960 ± 99.460 χ^2/NDF : 247.1/7

Right Out: -845.444 ± 81.995 χ^2/NDF : 436.9/19

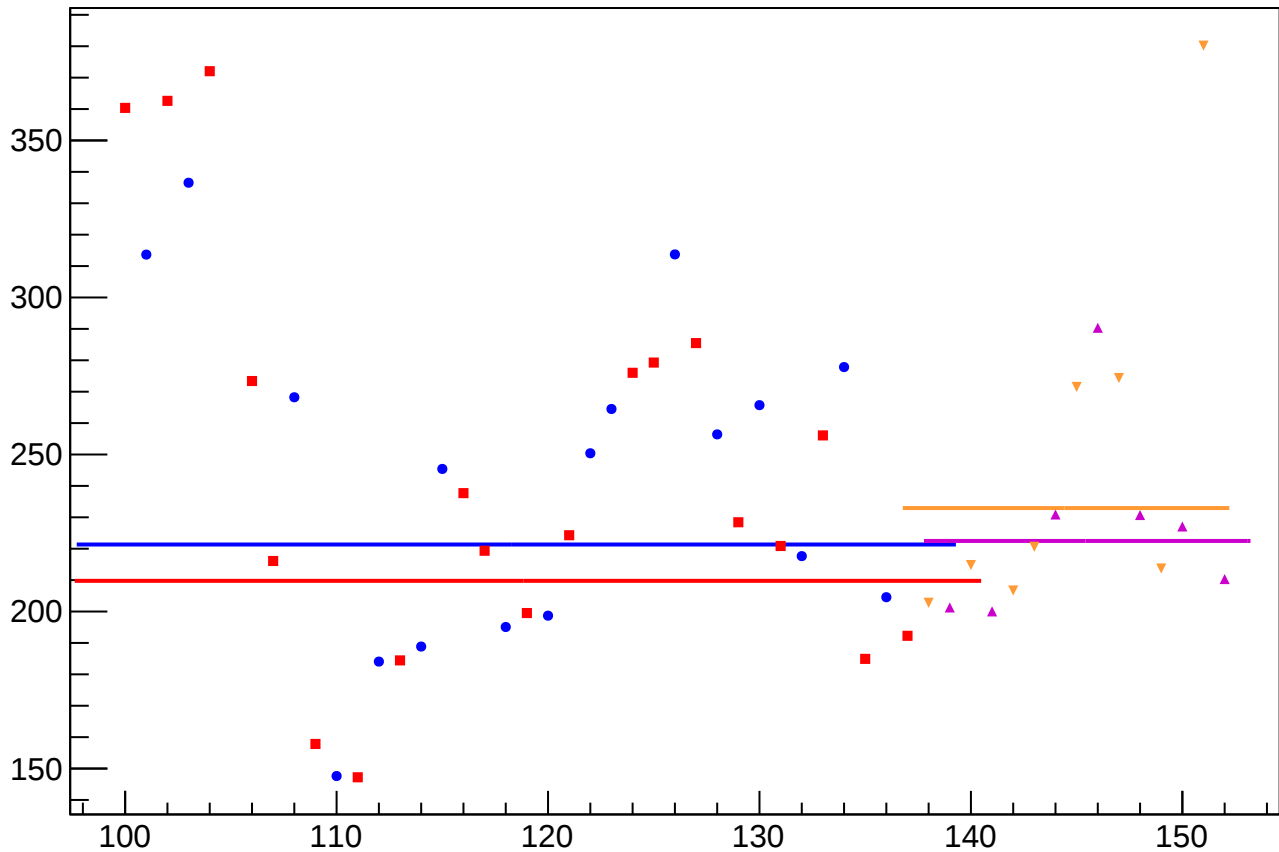
Left In: -3012.578 ± 96.665 χ^2/NDF : 345.5/6

303.625 ± 66.174 χ^2/NDF : 714.6/24

-782.484 ± 45.449 χ^2/NDF : 2299.2/51

-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: 232.944 $\pm$ 0.070 χ^2 /NDF: 367580.0/7

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

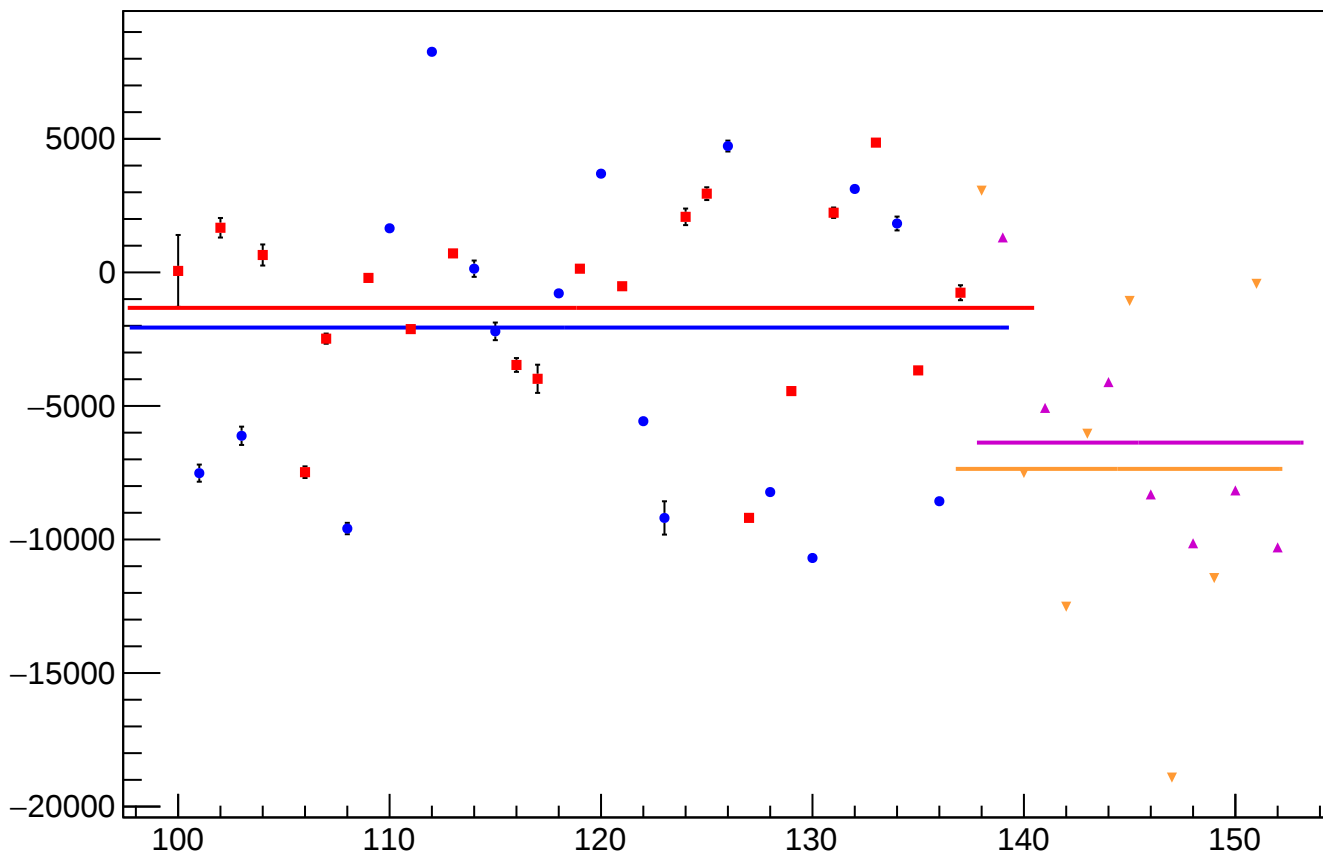
Left In: 222.474 $\pm$ 0.068 χ^2 /NDF: 131623.6/6

226.478 $\pm$ 0.047 χ^2 /NDF: 1028436.3/24

220.461 $\pm$ 0.032 χ^2 /NDF: 2095517.7/51

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: -7356.596 $\pm$ 46.506 χ^2/NDF : 22219.0/7

Right Out: -1327.819 $\pm$ 44.838 χ^2/NDF : 5919.9/19

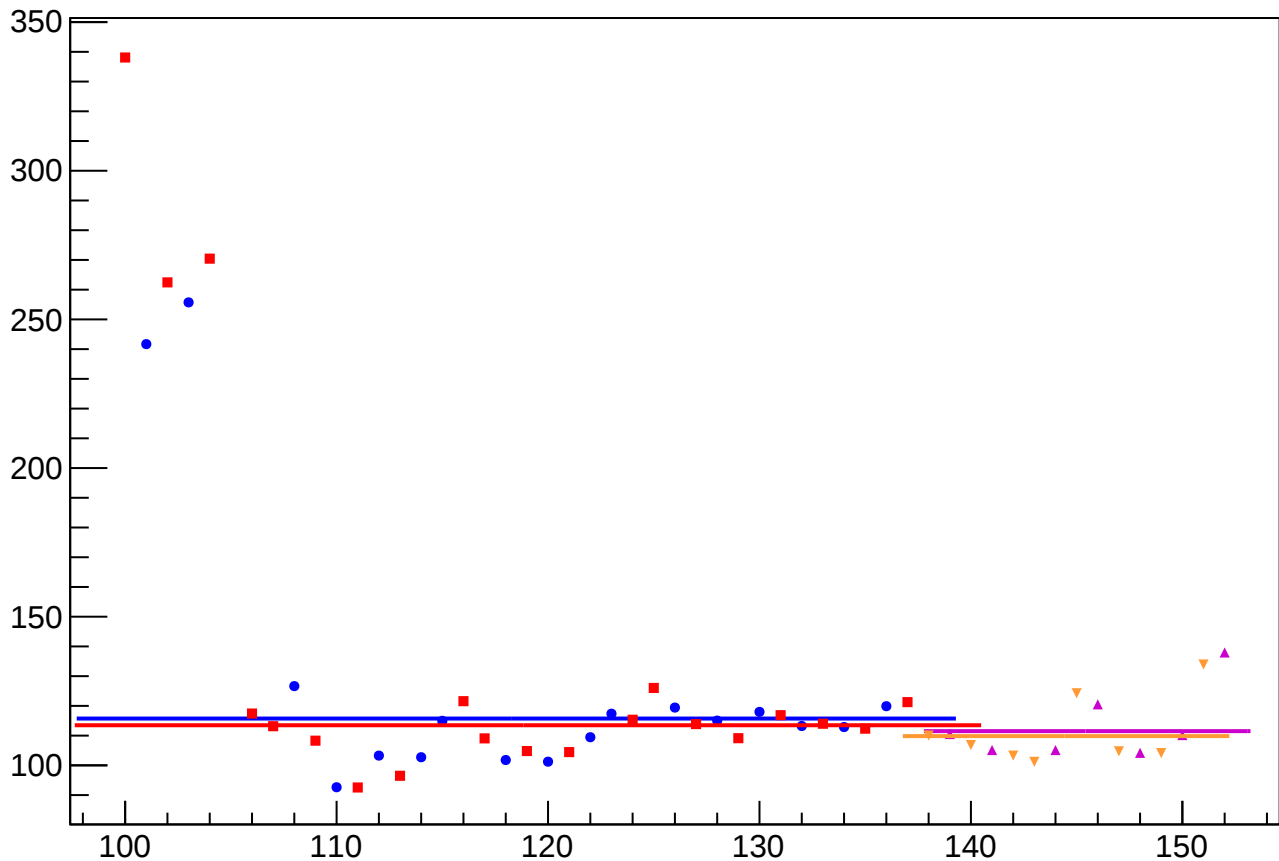
Left In: -6373.023 $\pm$ 47.423 χ^2/NDF : 5794.5/6

-4756.897 $\pm$ 33.169 χ^2/NDF : 45112.6/24

-4223.675 $\pm$ 23.243 χ^2/NDF : 63310.8/51

-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: 109.836+/-0.033 χ^2/NDF : 93979.3/7

Right Out: 113.487+/-0.032 χ^2/NDF : 796781.7/19

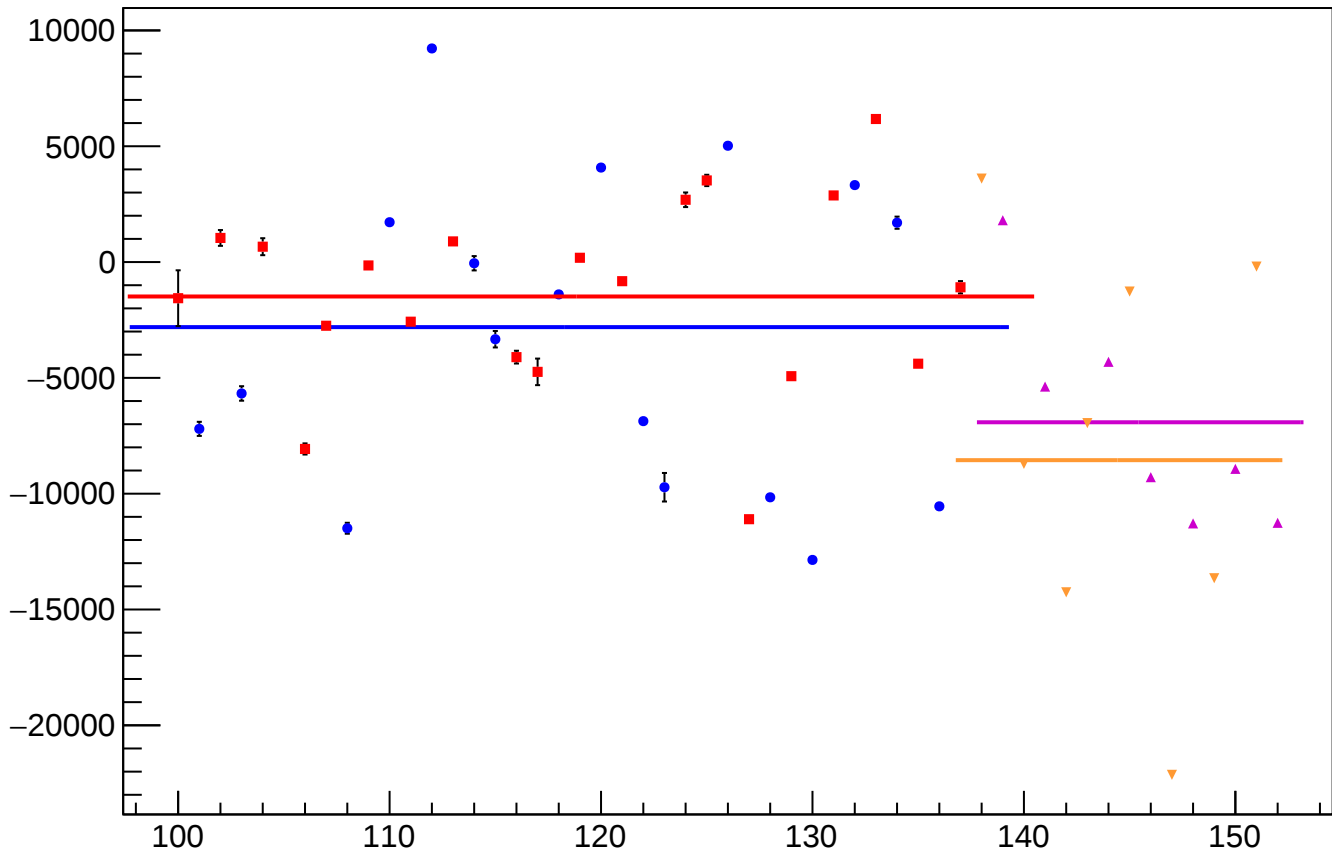
Left In: 111.510+/-0.034 χ^2/NDF : 89487.0/6

112.737+/-0.023 χ^2/NDF : 853836.5/24

112.644+/-0.016 χ^2/NDF : 1741970.8/51

112.554+/-0.023 χ^2/NDF : 888103.3/26

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101+/-48.284 χ^2/NDF : 21263.1/16

Left Out: -8553.017+/-50.234 χ^2/NDF : 26382.2/7

Right Out: -1486.369+/-46.243 χ^2/NDF : 8037.1/19

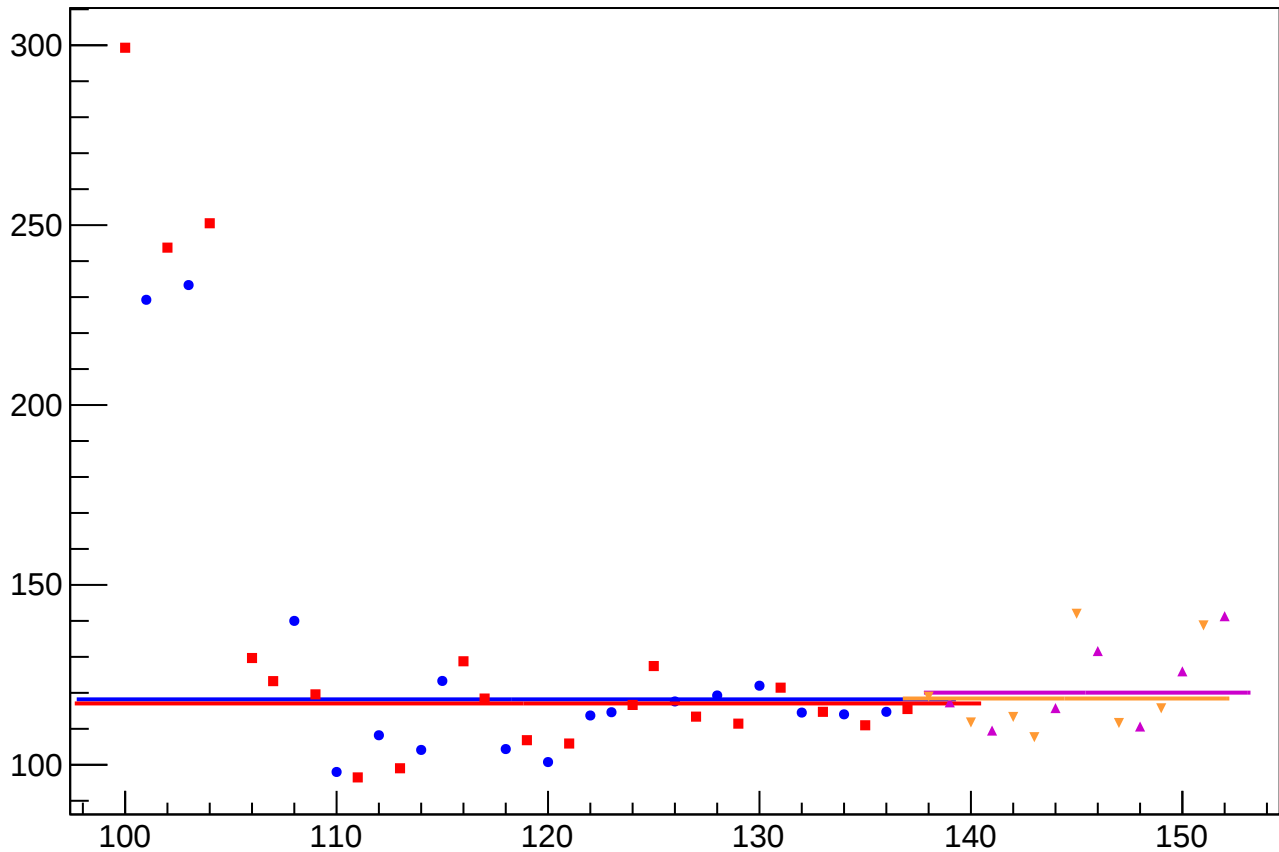
Left In: -6916.891+/-51.099 χ^2/NDF : 6646.6/6

-5567.430+/-34.811 χ^2/NDF : 54441.2/24

-4737.020+/-24.428 χ^2/NDF : 76455.0/51

-3931.404+/-34.288 χ^2/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: 118.428 ± 0.036 χ^2/NDF : 101532.1/7

Right Out: 117.054 ± 0.033 χ^2/NDF : 690646.8/19

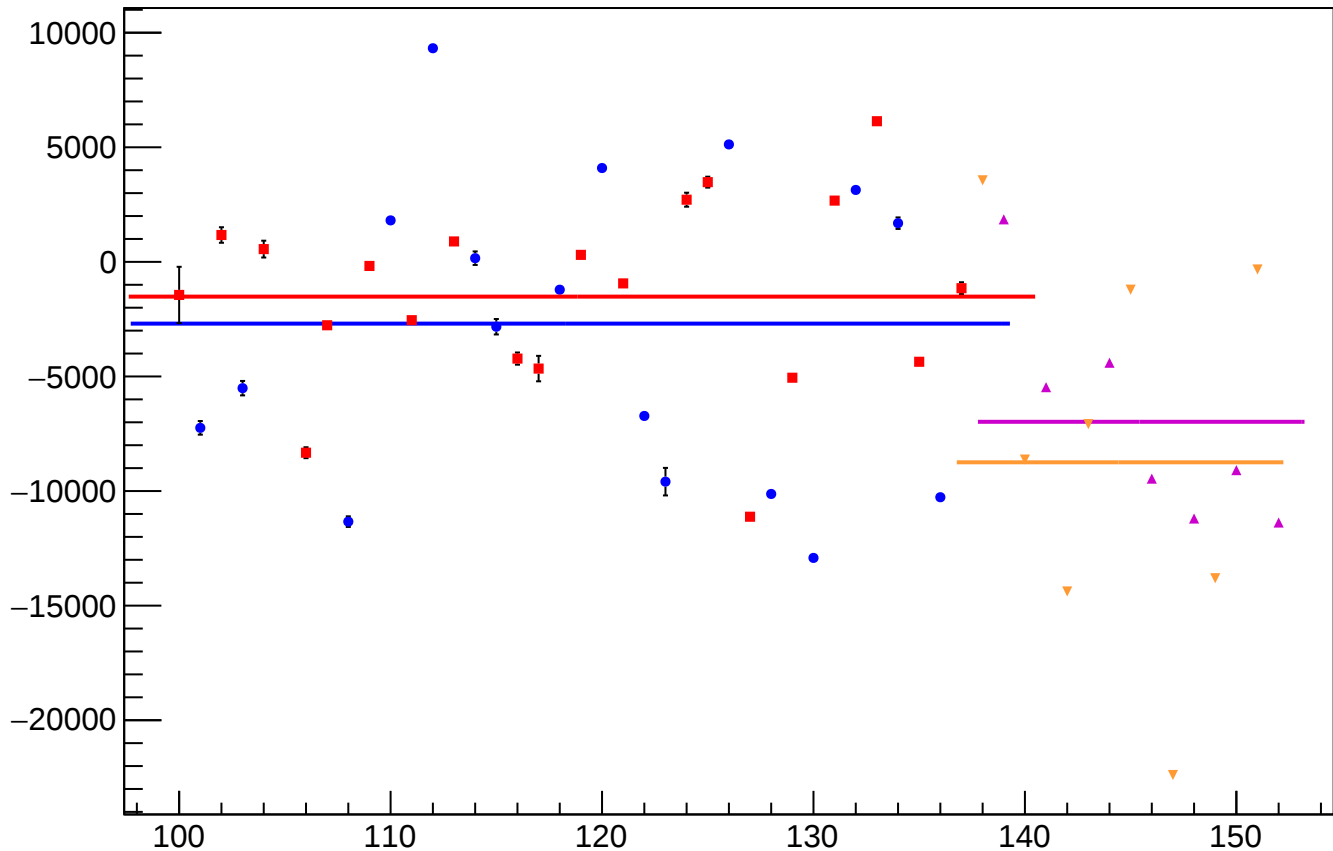
Left In: 120.057 ± 0.036 χ^2/NDF : 82777.8/6

118.303 ± 0.025 χ^2/NDF : 737807.6/24

118.356 ± 0.017 χ^2/NDF : 1515038.4/51

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: -8745.953+/-48.654 χ^2/NDF : 28979.9/7

Right Out: -1515.863+/-44.303 χ^2/NDF : 8749.3/19

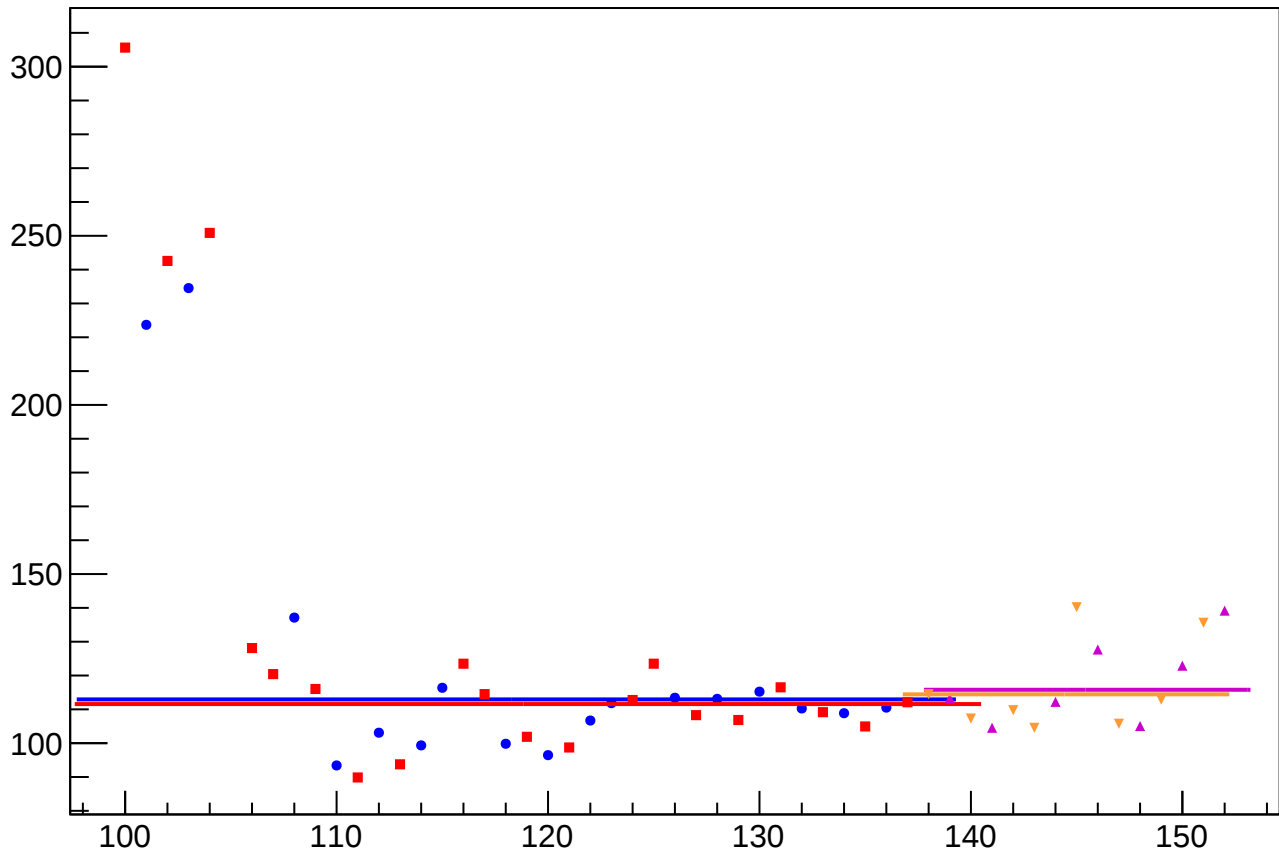
Left In: -6978.622+/-49.404 χ^2/NDF : 7181.8/6

-5573.245+/-33.558 χ^2/NDF : 59951.2/24

-4747.992+/-23.523 χ^2/NDF : 83848.2/51

-3950.773+/-32.983 χ^2/NDF : 22708.0/26

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940 ± 0.033 $\chi^2/\text{NDF}: 680283.1/16$

Left Out: 114.442 ± 0.034 $\chi^2/\text{NDF}: 118901.3/7$

Right Out: 111.562 ± 0.031 $\chi^2/\text{NDF}: 765559.1/19$

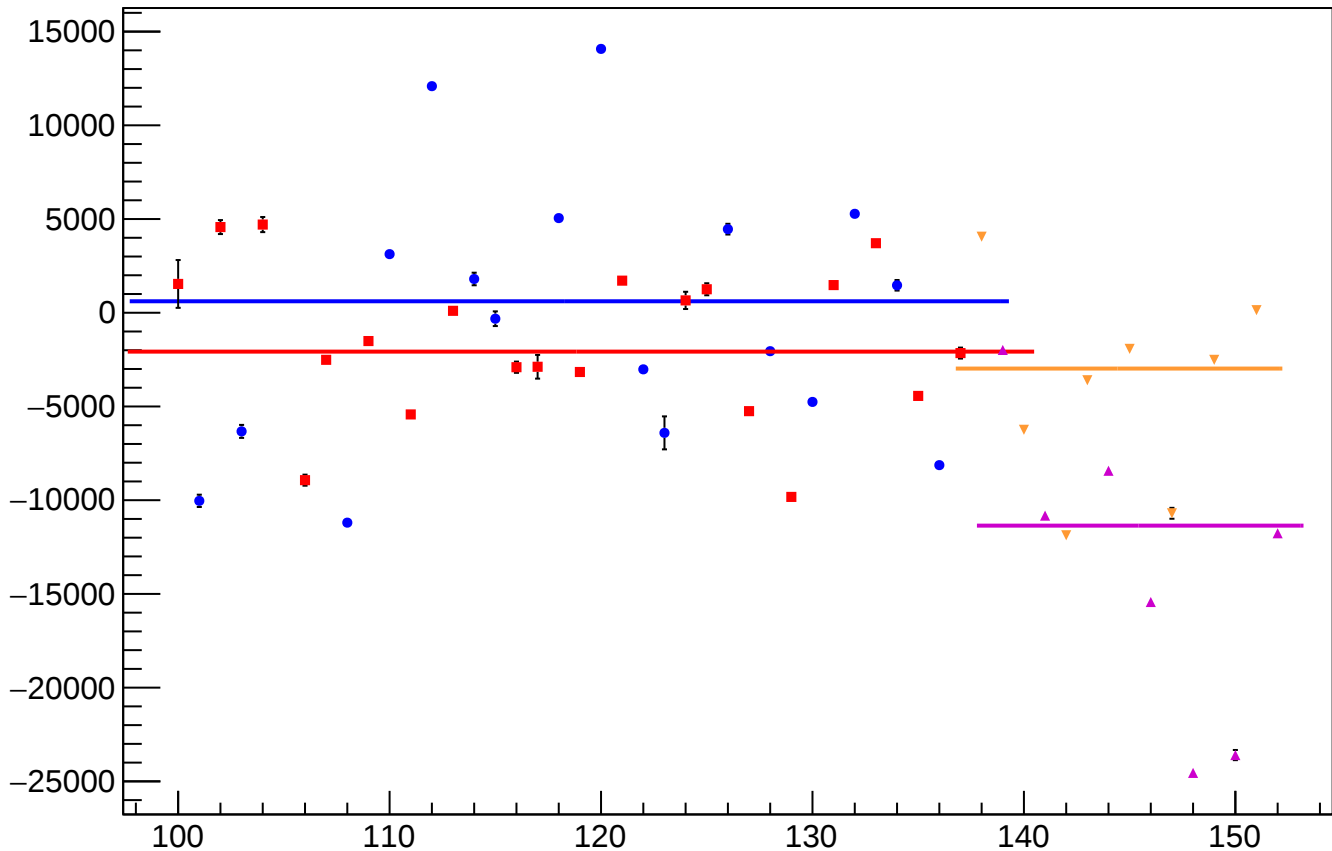
Left In: 115.790 ± 0.035 $\chi^2/\text{NDF}: 103363.4/6$

113.655 ± 0.024 $\chi^2/\text{NDF}: 800182.8/24$

113.549 ± 0.017 $\chi^2/\text{NDF}: 1677263.3/51$

113.447 ± 0.023 $\chi^2/\text{NDF}: 877041.4/26$

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621 $\pm$ 56.062 χ^2/NDF : 18243.4/16

Left Out: -2977.336 $\pm$ 69.958 χ^2/NDF : 4878.0/7

Right Out: -2073.278 $\pm$ 53.736 χ^2/NDF : 4644.3/19

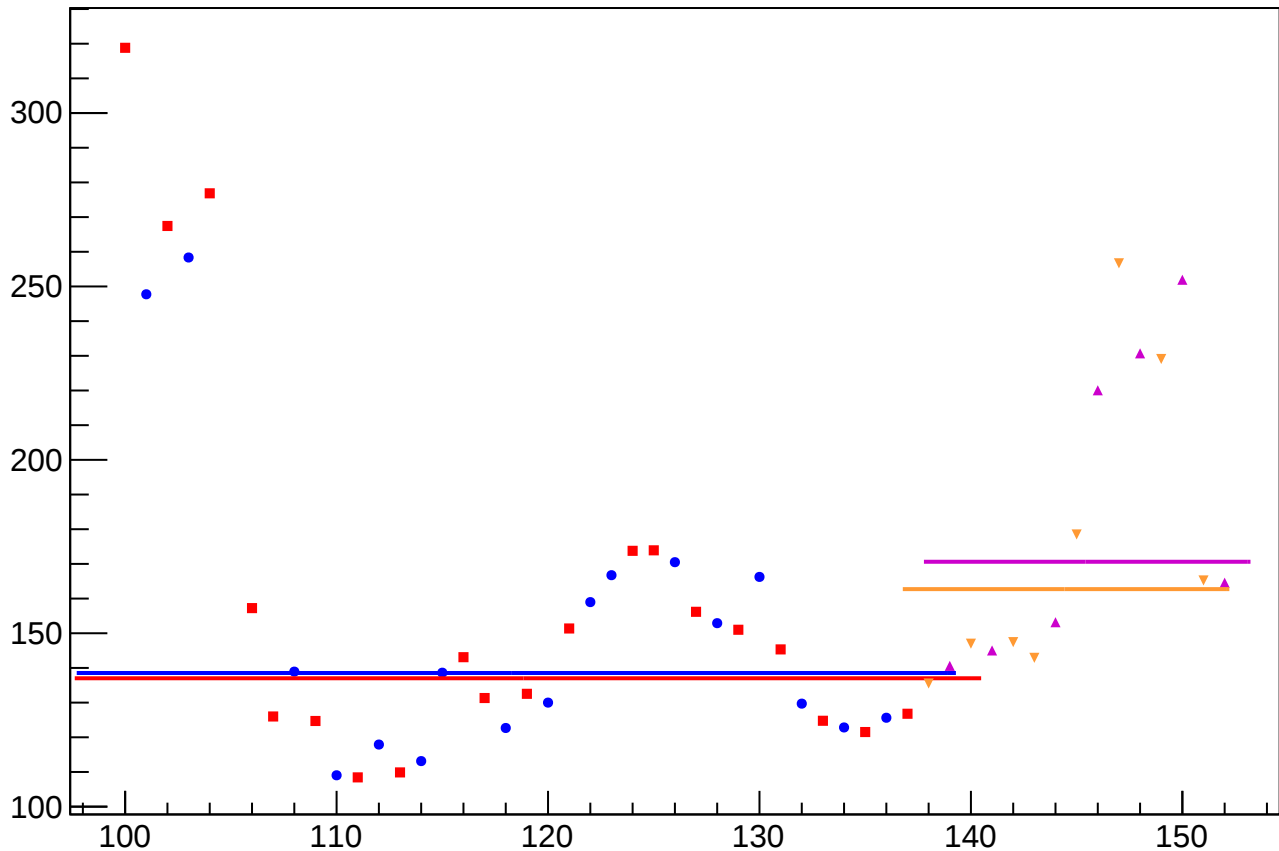
Left In: -11356.768 $\pm$ 74.105 χ^2/NDF : 8098.3/6

-791.235 $\pm$ 43.748 χ^2/NDF : 24725.0/24

-3044.472 $\pm$ 30.847 χ^2/NDF : 53028.9/51

-5272.502 $\pm$ 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: 162.726 $\pm$ 0.049 χ^2 /NDF: 464746.4/7

Right Out: 137.019 $\pm$ 0.038 χ^2 /NDF: 755655.0/19

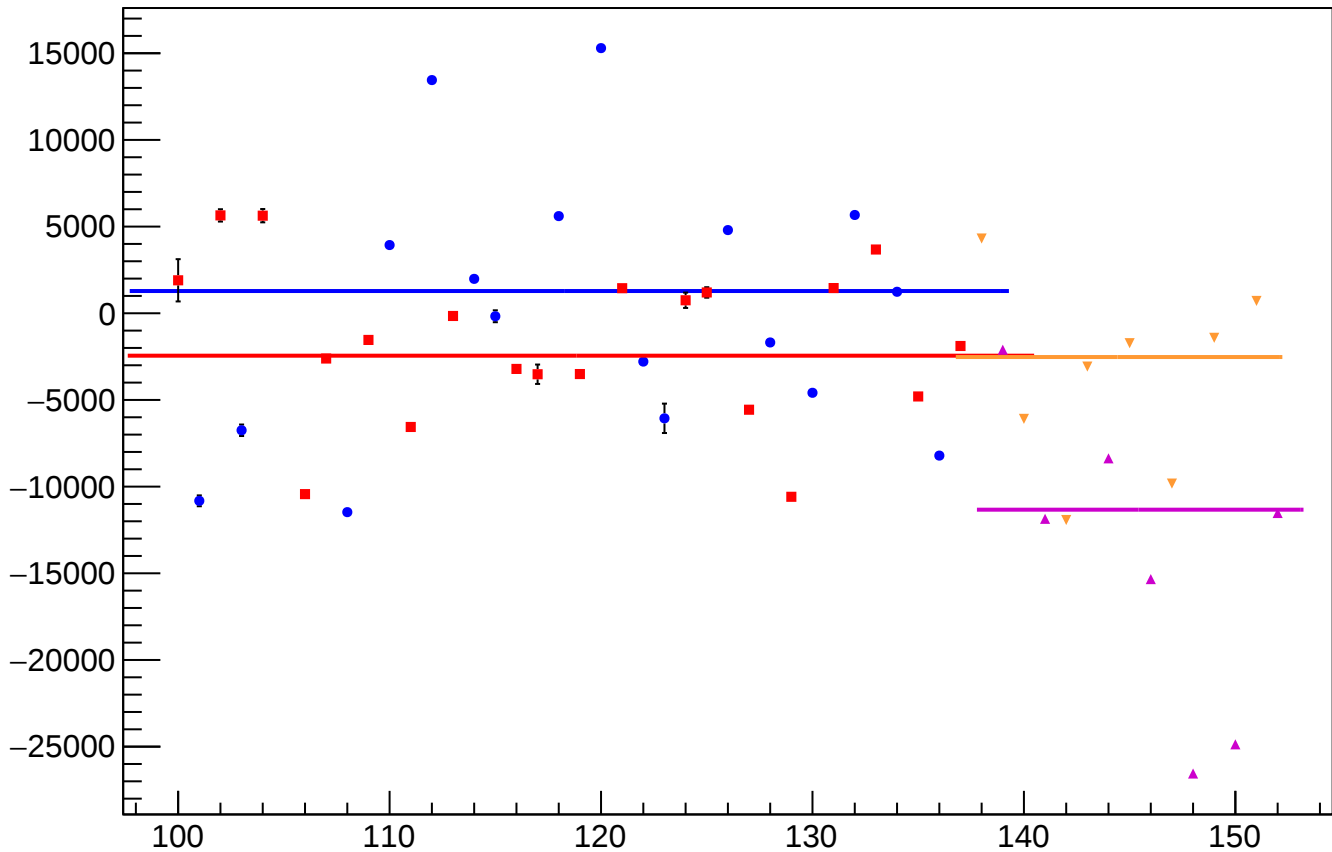
Left In: 170.615 $\pm$ 0.052 χ^2 /NDF: 502510.5/6

147.999 $\pm$ 0.031 χ^2 /NDF: 1279236.1/24

148.300 $\pm$ 0.022 χ^2 /NDF: 2806994.0/51

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: -2524.968+/-62.792 χ^2/NDF : 6362.1/7

Right Out: -2446.970+/-44.148 χ^2/NDF : 7681.2/19

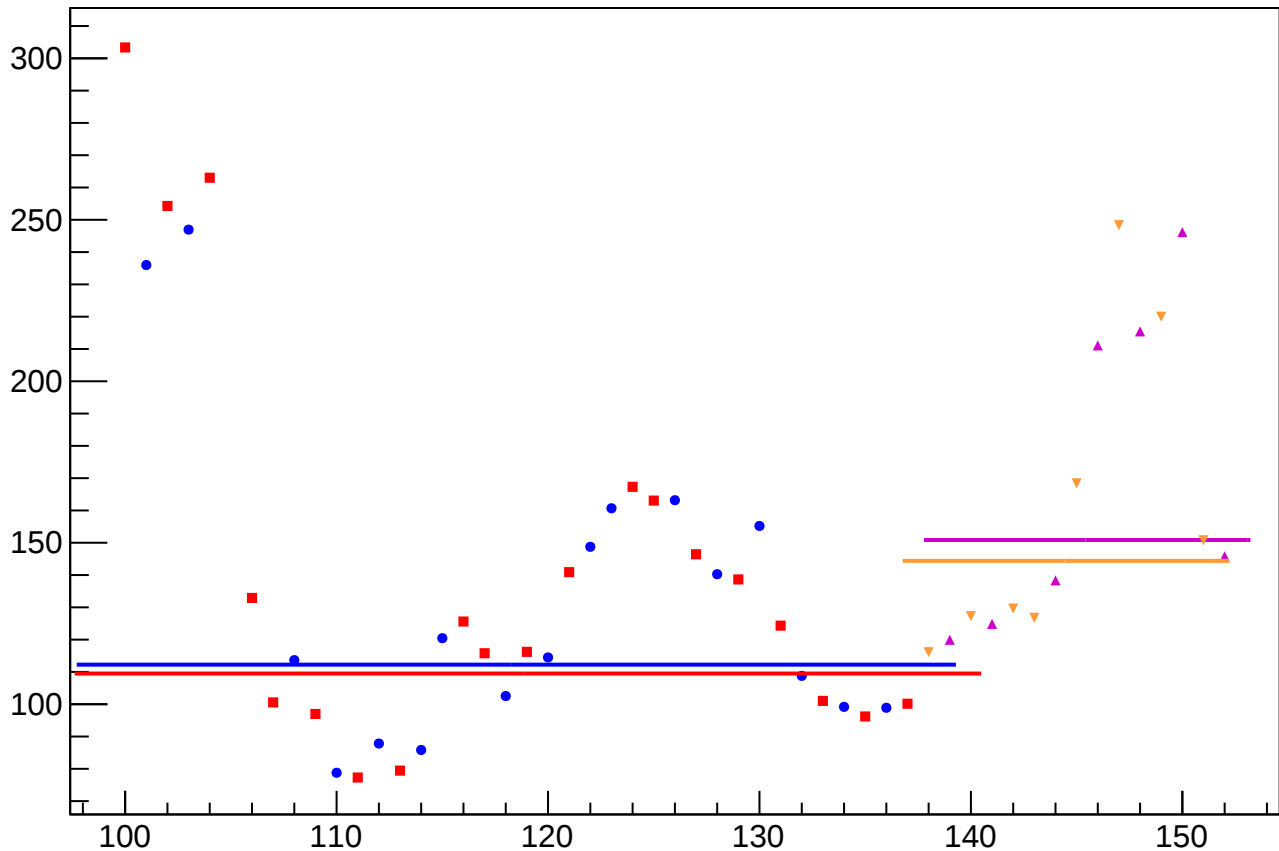
Left In: -11330.611+/-66.516 χ^2/NDF : 10961.5/6

-68.381+/-37.407 χ^2/NDF : 39275.5/24

-2658.816+/-26.227 χ^2/NDF : 79733.6/51

-5163.631+/-36.783 χ^2/NDF : 31025.2/26

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.251 $\pm$ 0.033 χ^2/NDF : 1125537.4/16

Left Out: 144.392 $\pm$ 0.044 χ^2/NDF : 642895.3/7

Right Out: 109.500 $\pm$ 0.031 χ^2/NDF : 1269887.8/19

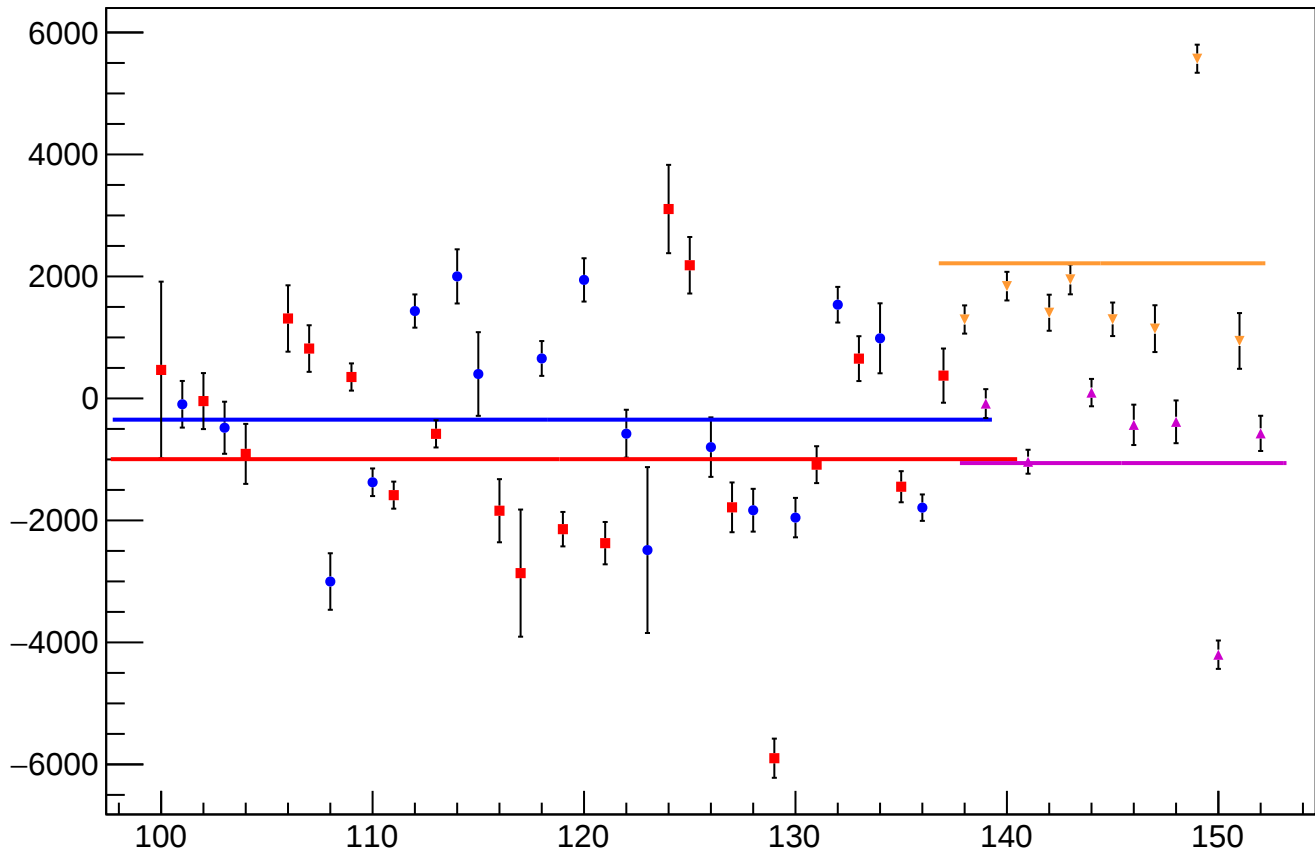
Left In: 150.859 $\pm$ 0.047 χ^2/NDF : 701211.5/6

123.657 $\pm$ 0.026 χ^2/NDF : 2106475.3/24

122.890 $\pm$ 0.019 χ^2/NDF : 4616034.7/51

122.148 $\pm$ 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: 2215.499+/-95.942 χ^2/NDF : 265.9/7

Right Out: -995.622+/-77.468 χ^2/NDF : 479.8/19

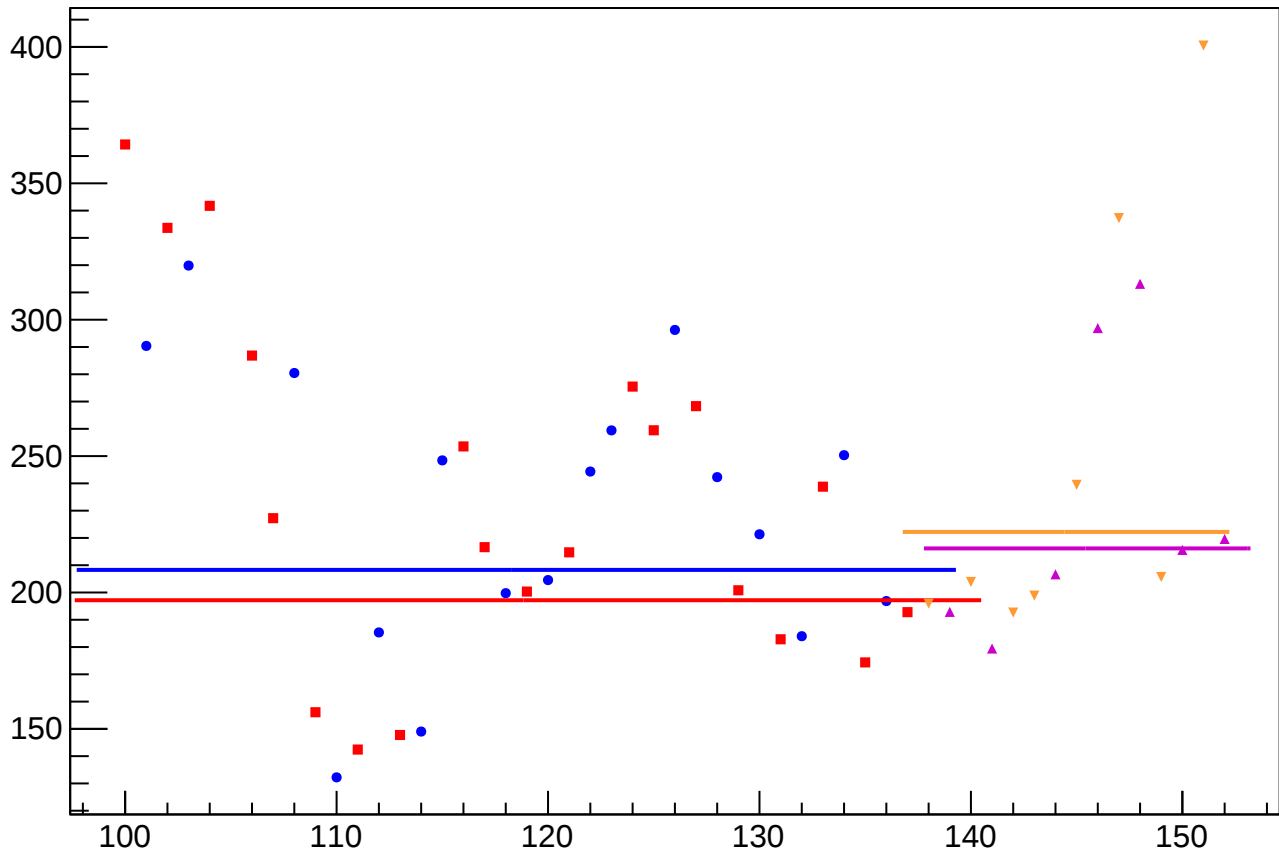
Left In: -1059.830+/-94.713 χ^2/NDF : 236.1/6

761.725+/-63.126 χ^2/NDF : 988.0/24

-175.583+/-43.476 χ^2/NDF : 2123.6/51

-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: 222.207 $\pm$ 0.068 χ^2 /NDF: 578599.6/7

Right Out: 197.159 $\pm$ 0.055 χ^2 /NDF: 927487.8/19

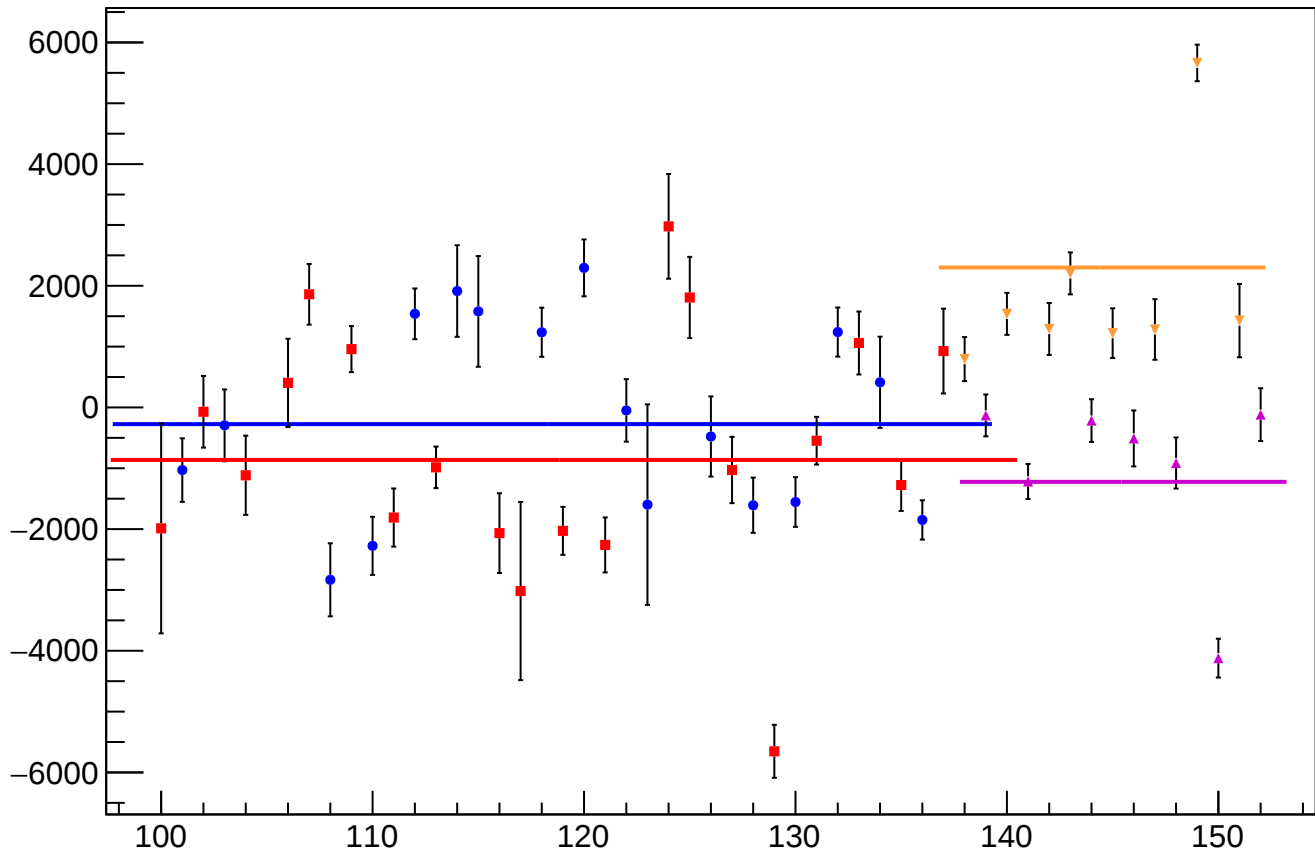
Left In: 216.158 $\pm$ 0.067 χ^2 /NDF: 365574.2/6

214.313 $\pm$ 0.045 χ^2 /NDF: 1300963.8/24

209.299 $\pm$ 0.031 χ^2 /NDF: 2666249.9/51

204.775 $\pm$ 0.042 χ^2 /NDF: 1341282.2/26

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -274.260 ± 121.326 χ^2/NDF : 171.6/16

Left Out: 2300.230 ± 136.340 χ^2/NDF : 166.4/7

Right Out: -862.791 ± 114.993 χ^2/NDF : 265.4/19

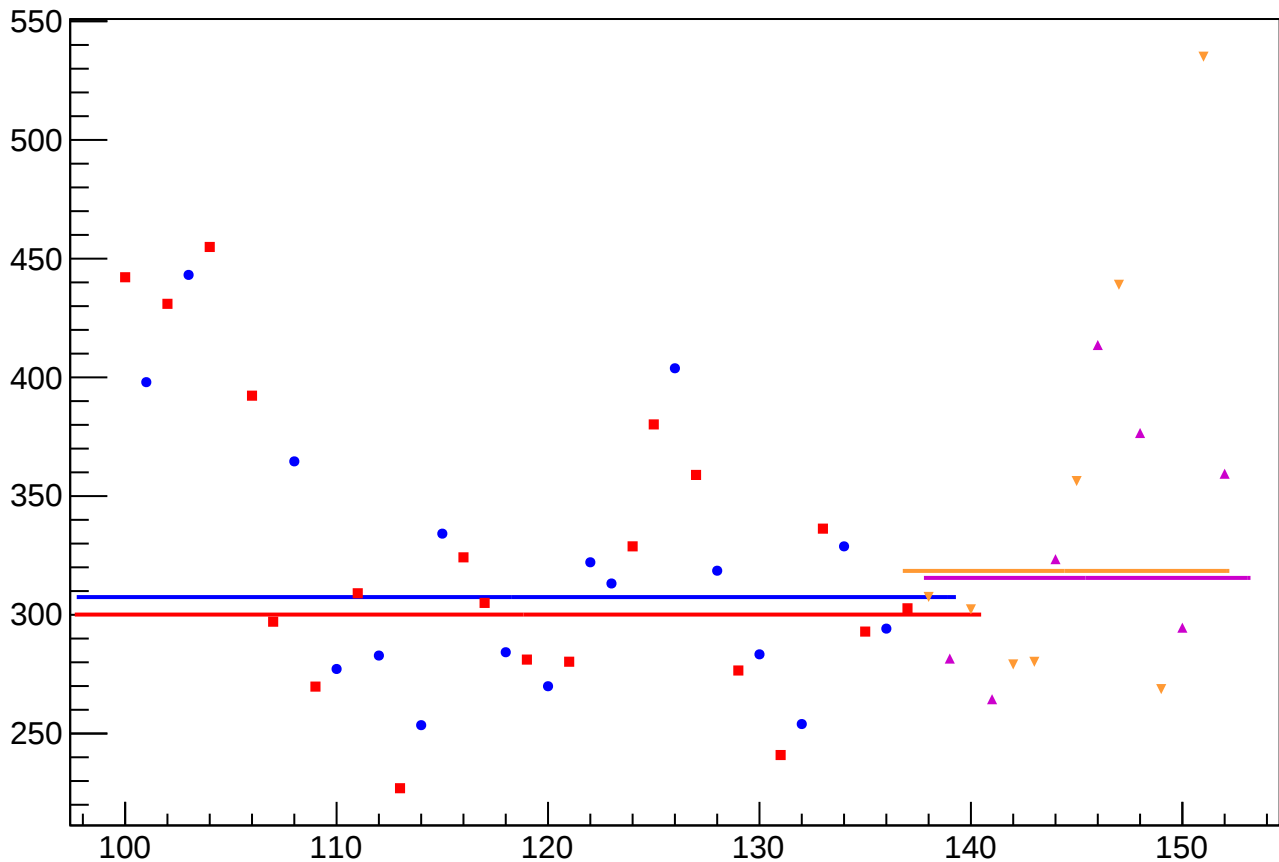
Left In: -1223.401 ± 135.957 χ^2/NDF : 110.2/6

863.481 ± 90.635 χ^2/NDF : 536.9/24

-104.673 ± 63.062 χ^2/NDF : 1137.9/51

-1013.179 ± 87.799 χ^2/NDF : 379.8/26

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 307.468 ± 0.086 $\chi^2/\text{NDF}: 323096.7/16$

Left Out: 318.491 ± 0.096 $\chi^2/\text{NDF}: 495451.2/7$

Right Out: 300.100 ± 0.081 $\chi^2/\text{NDF}: 490421.6/19$

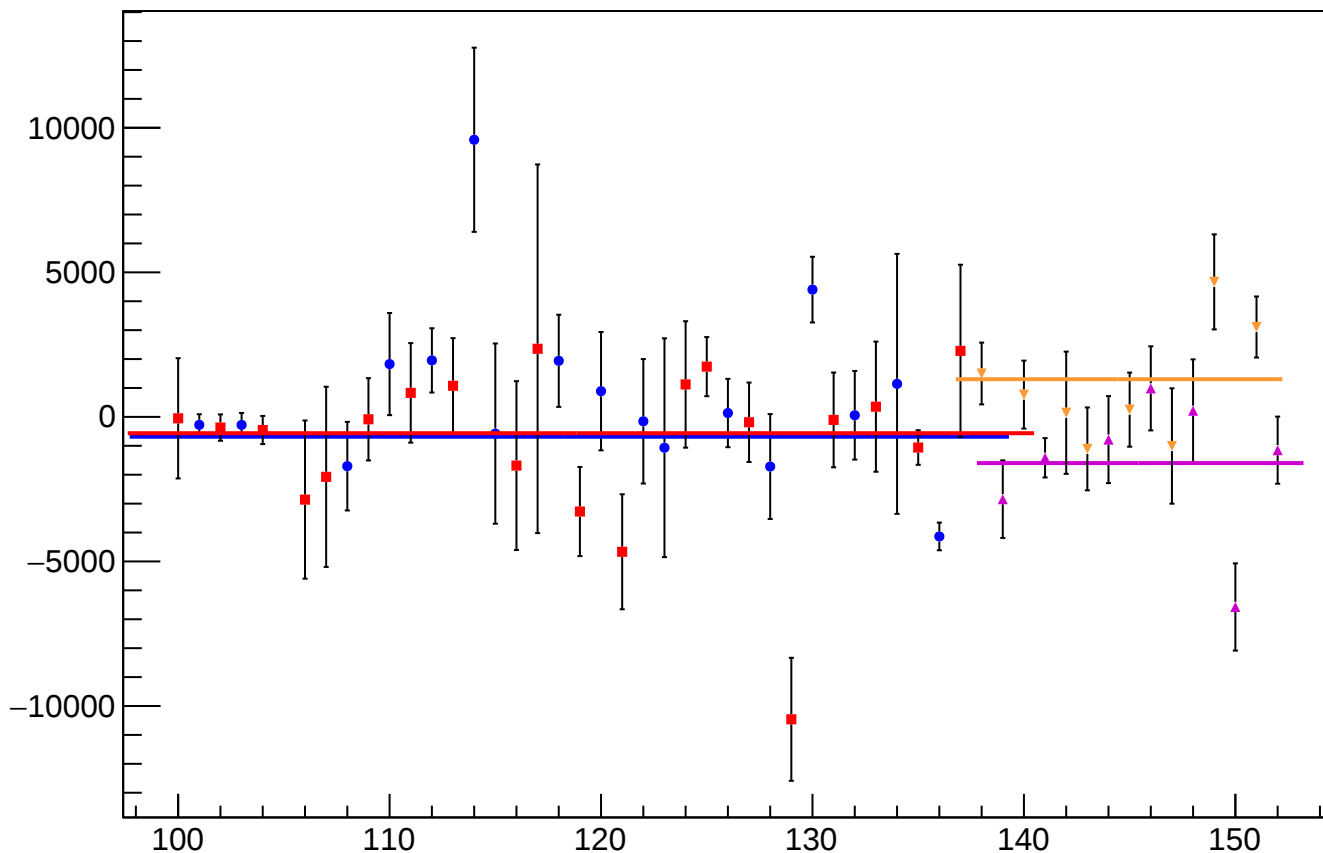
Left In: 315.545 ± 0.096 $\chi^2/\text{NDF}: 245455.9/6$

312.339 ± 0.064 $\chi^2/\text{NDF}: 825843.5/24$

309.348 ± 0.045 $\chi^2/\text{NDF}: 1580990.0/51$

306.541 ± 0.062 $\chi^2/\text{NDF}: 750924.0/26$

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -685.056+/-210.341 χ^2/NDF : 97.4/16

Left Out: 1303.251+/-474.748 χ^2/NDF : 12.5/7

Right Out: -564.400+/-243.074 χ^2/NDF : 39.9/19

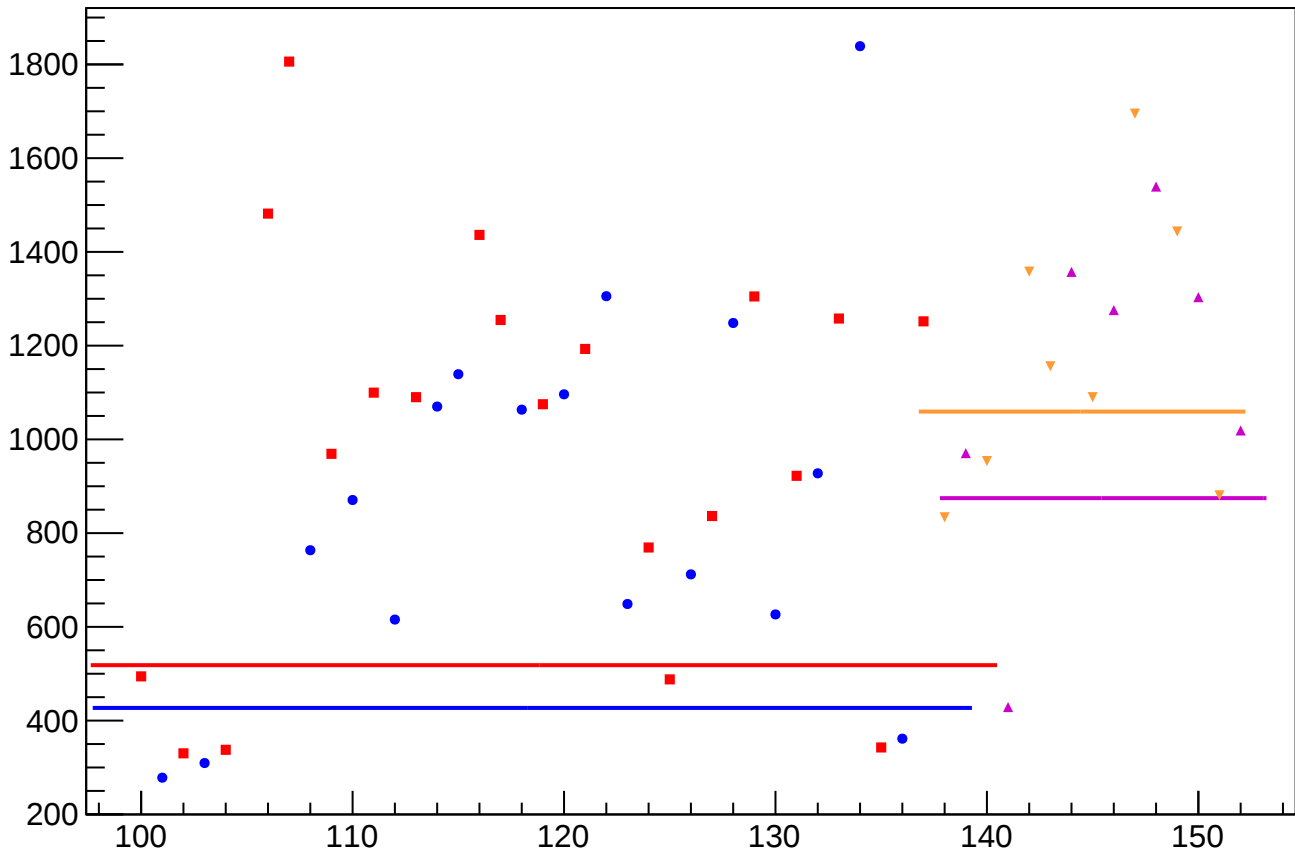
Left In: -1597.216+/-441.658 χ^2/NDF : 16.5/6

-358.796+/-192.311 χ^2/NDF : 124.5/24

-559.011+/-142.725 χ^2/NDF : 187.5/51

-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: 1059.331 +/- 0.336 χ^2/NDF : 524904.3/7

Right Out: 518.306 +/- 0.172 χ^2/NDF : 3631833.9/19

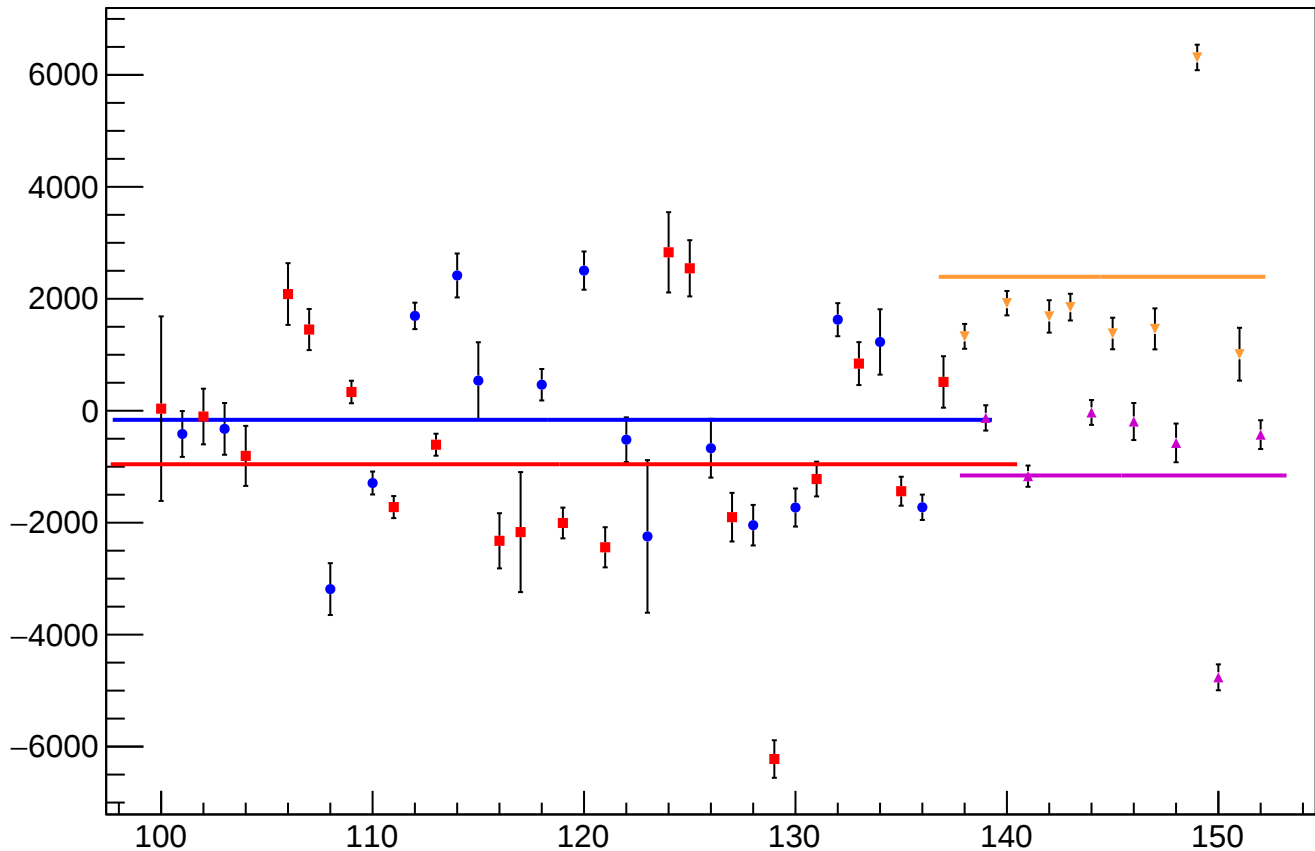
Left In: 874.658 +/- 0.312 χ^2/NDF : 1698661.9/6

530.825 +/- 0.136 χ^2/NDF : 6355706.2/24

562.416 +/- 0.101 χ^2/NDF : 12805662.2/51

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: 2392.770 ± 93.383 $\chi^2/\text{NDF}: 362.2/7$

Right Out: -956.044 ± 74.949 $\chi^2/\text{NDF}: 541.1/19$

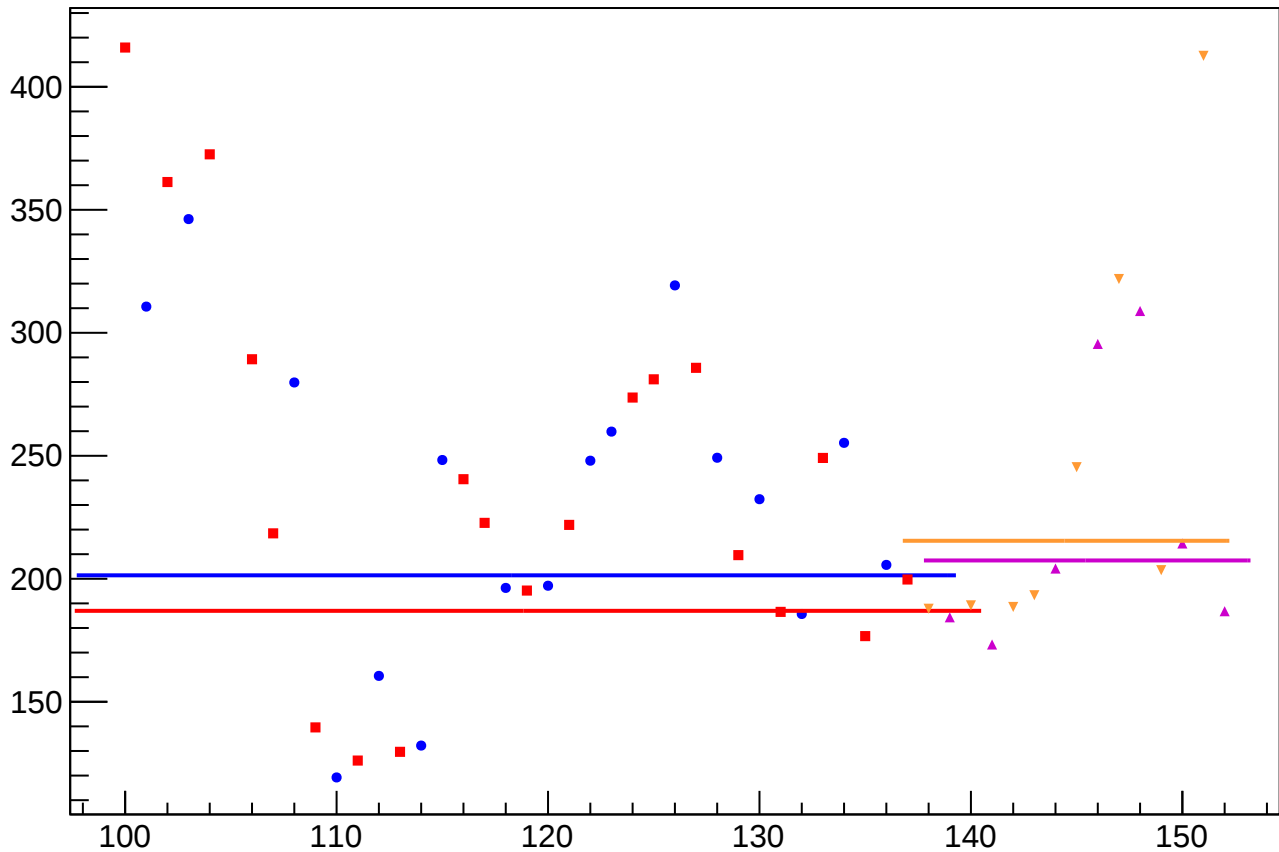
Left In: -1156.485 ± 91.662 $\chi^2/\text{NDF}: 308.6/6$

955.431 ± 61.765 $\chi^2/\text{NDF}: 1170.9/24$

-102.633 ± 42.289 $\chi^2/\text{NDF}: 2575.9/51$

-1036.359 ± 58.022 $\chi^2/\text{NDF}: 852.6/26$

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.409 $\pm$ 0.058 χ^2 /NDF: 1056022.1/16

Left Out: 215.452 $\pm$ 0.066 χ^2 /NDF:640377.8/7

Right Out: 186.973 $\pm$ 0.053 χ^2 /NDF: 1395397.8/19

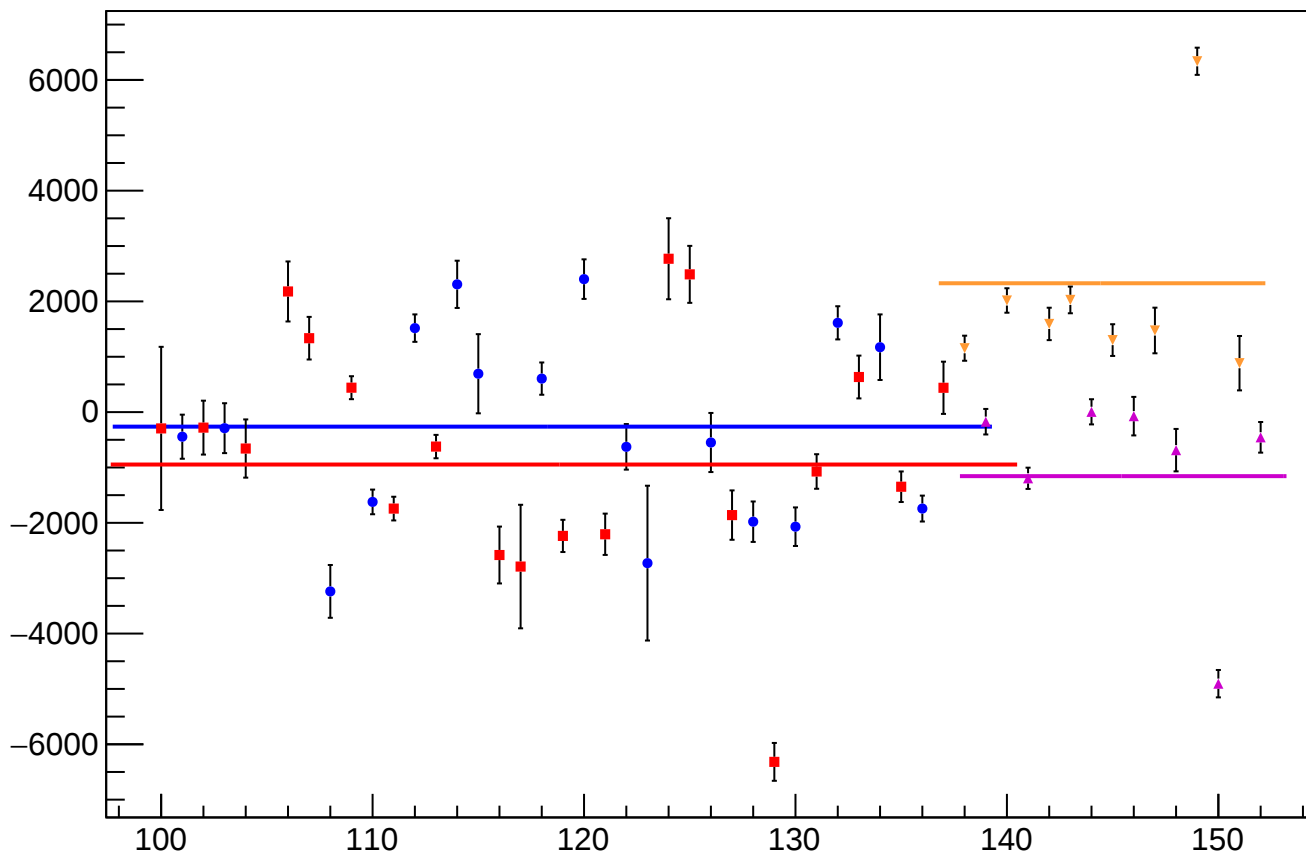
Left In: 207.452 $\pm$ 0.065 χ^2 /NDF:414722.6/6

207.552 $\pm$ 0.044 χ^2 /NDF: 1721840.3/24

200.979 $\pm$ 0.030 χ^2 /NDF: 3634429.5/51

195.179 $\pm$ 0.041 χ^2 /NDF: 1869951.0/26

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -262.324 ± 85.433 χ^2/NDF : 368.7/16

Left Out: 2327.473 ± 96.420 χ^2/NDF : 328.9/7

Right Out: -946.785 ± 78.241 χ^2/NDF : 524.6/19

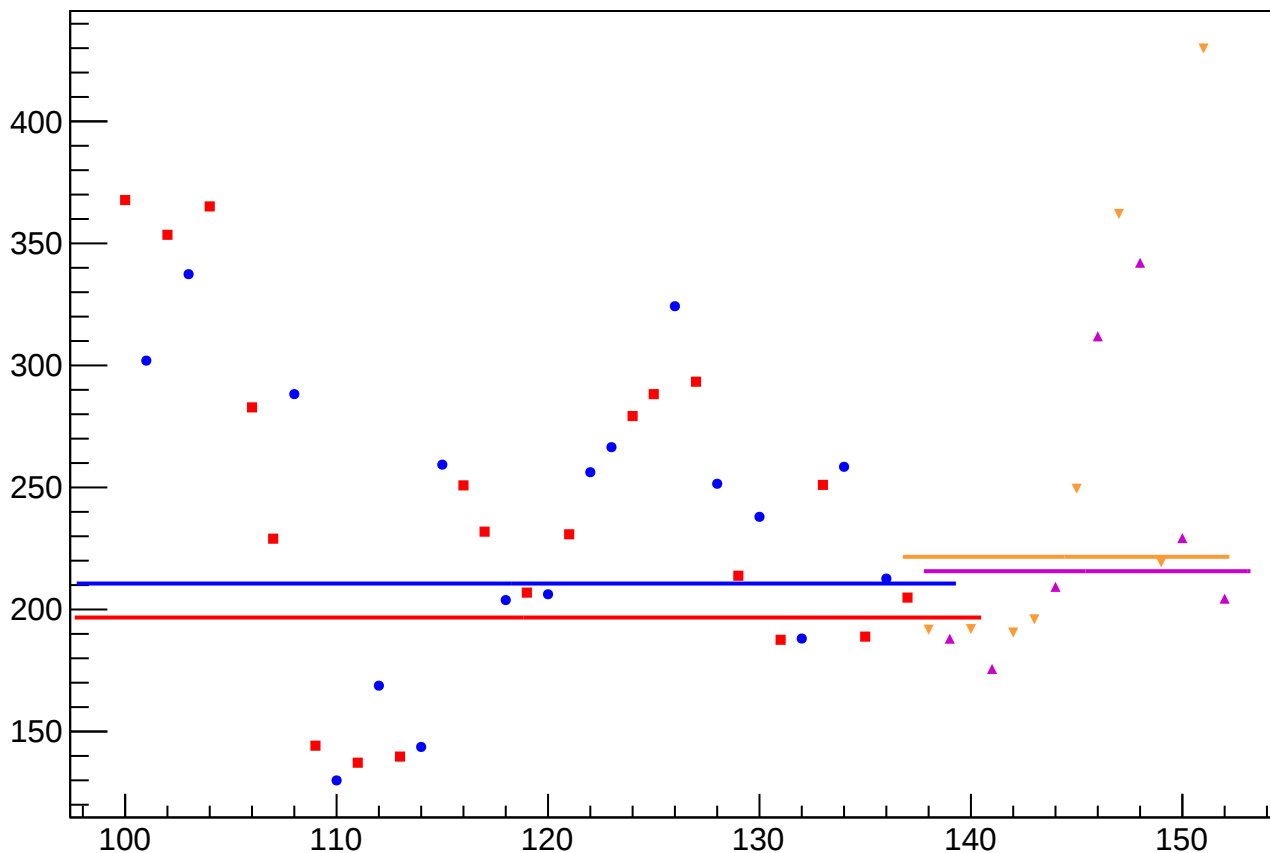
Left In: -1156.628 ± 95.458 χ^2/NDF : 291.5/6

876.683 ± 63.944 χ^2/NDF : 1101.8/24

-129.774 ± 43.952 χ^2/NDF : 2390.5/51

-1031.109 ± 60.512 χ^2/NDF : 819.1/26

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636+/-0.060 χ^2/NDF : 875776.4/16

Left Out: 221.588+/-0.068 χ^2/NDF : 726512.1/7

Right Out: 196.702+/-0.055 χ^2/NDF : 1207089.6/19

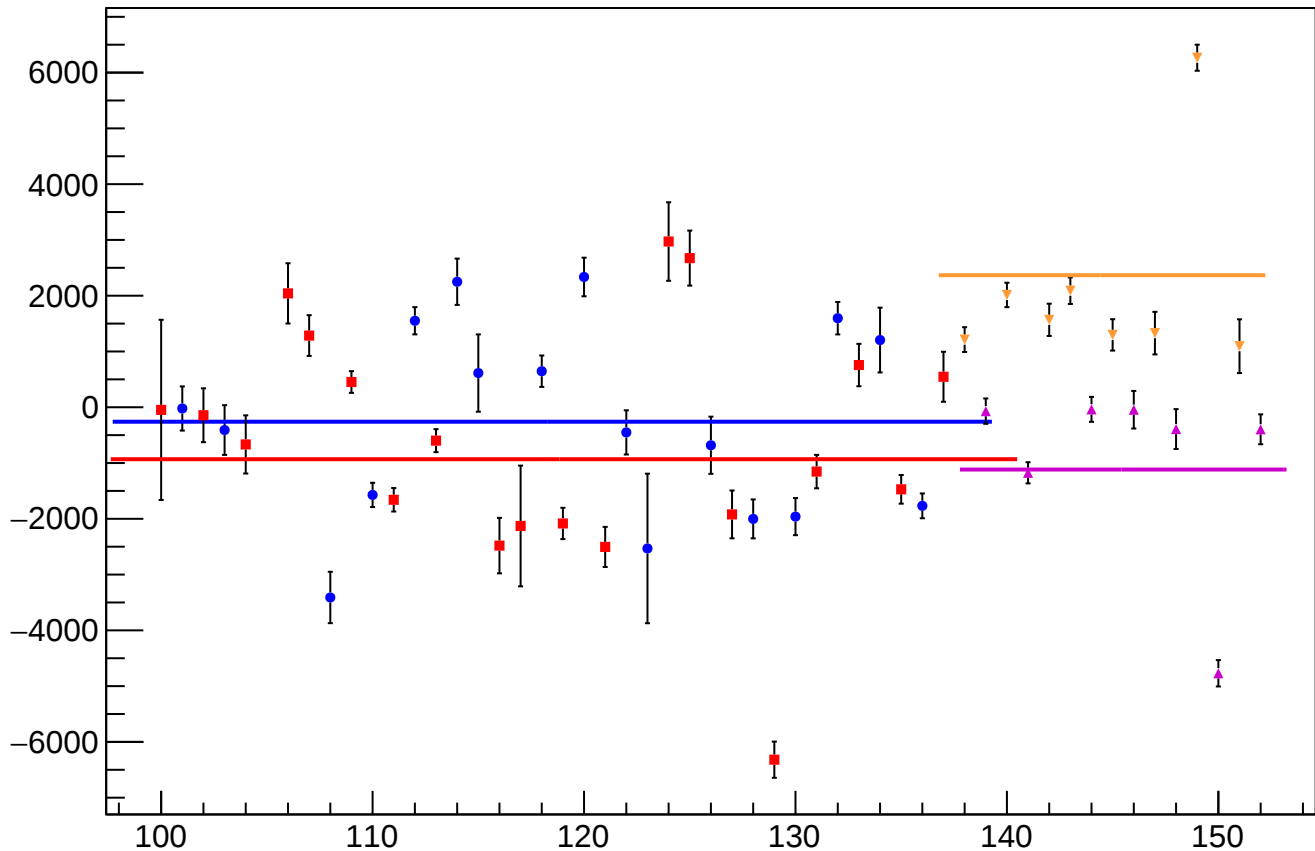
Left In: 215.694+/-0.067 χ^2/NDF : 497204.9/6

215.453+/-0.045 χ^2/NDF : 1616744.3/24

209.587+/-0.031 χ^2/NDF : 3400294.8/51

204.334+/-0.043 χ^2/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: 2367.311 ± 94.215 $\chi^2/\text{NDF}: 345.1/7$

Right Out: -931.363 ± 75.320 $\chi^2/\text{NDF}: 583.1/19$

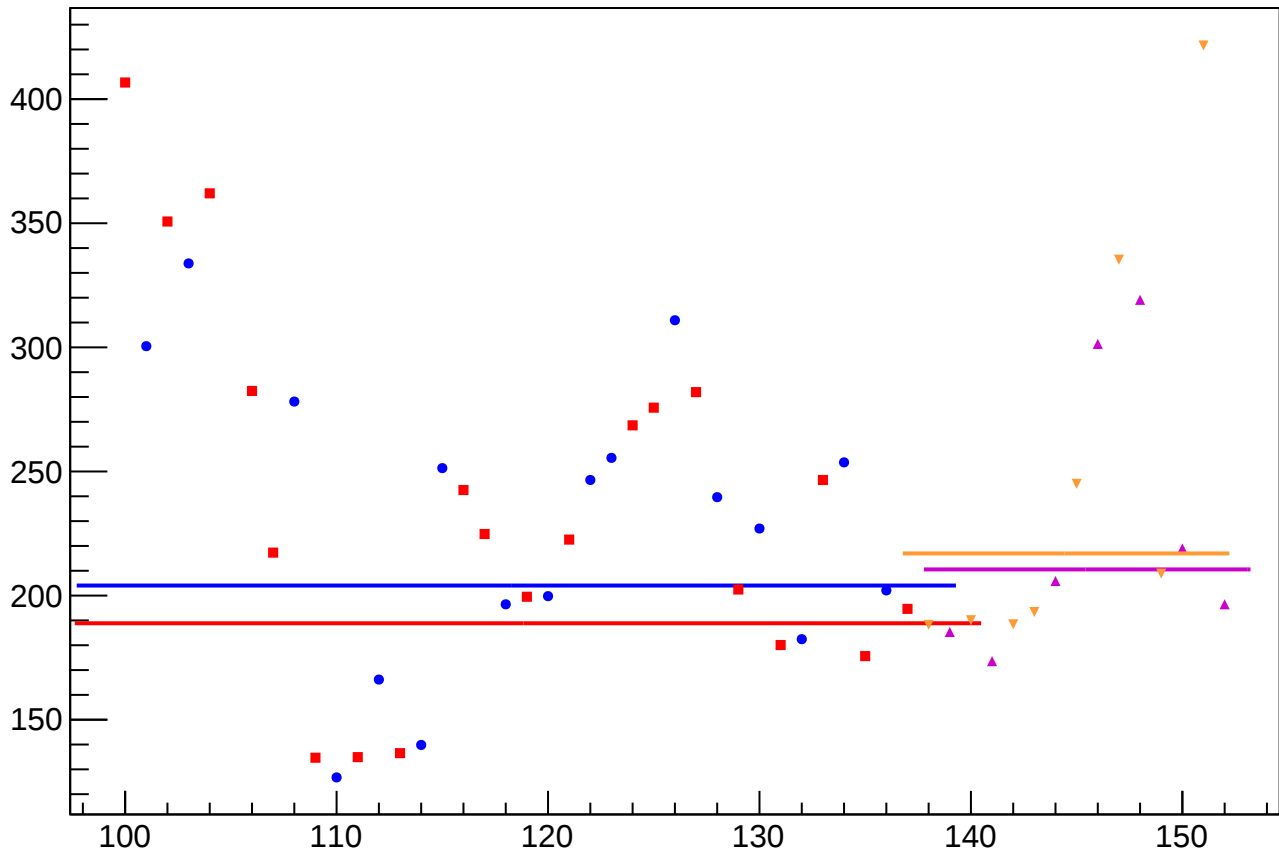
Left In: -1116.663 ± 93.030 $\chi^2/\text{NDF}: 304.8/6$

885.453 ± 62.196 $\chi^2/\text{NDF}: 1174.8/24$

-116.833 ± 42.627 $\chi^2/\text{NDF}: 2554.9/51$

-1004.734 ± 58.539 $\chi^2/\text{NDF}: 890.3/26$

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.051 $\pm$ 0.059 χ^2/NDF : 868423.0/16

Left Out: 216.974 $\pm$ 0.067 χ^2/NDF : 677575.1/7

Right Out: 188.856 $\pm$ 0.053 χ^2/NDF : 1253327.1/19

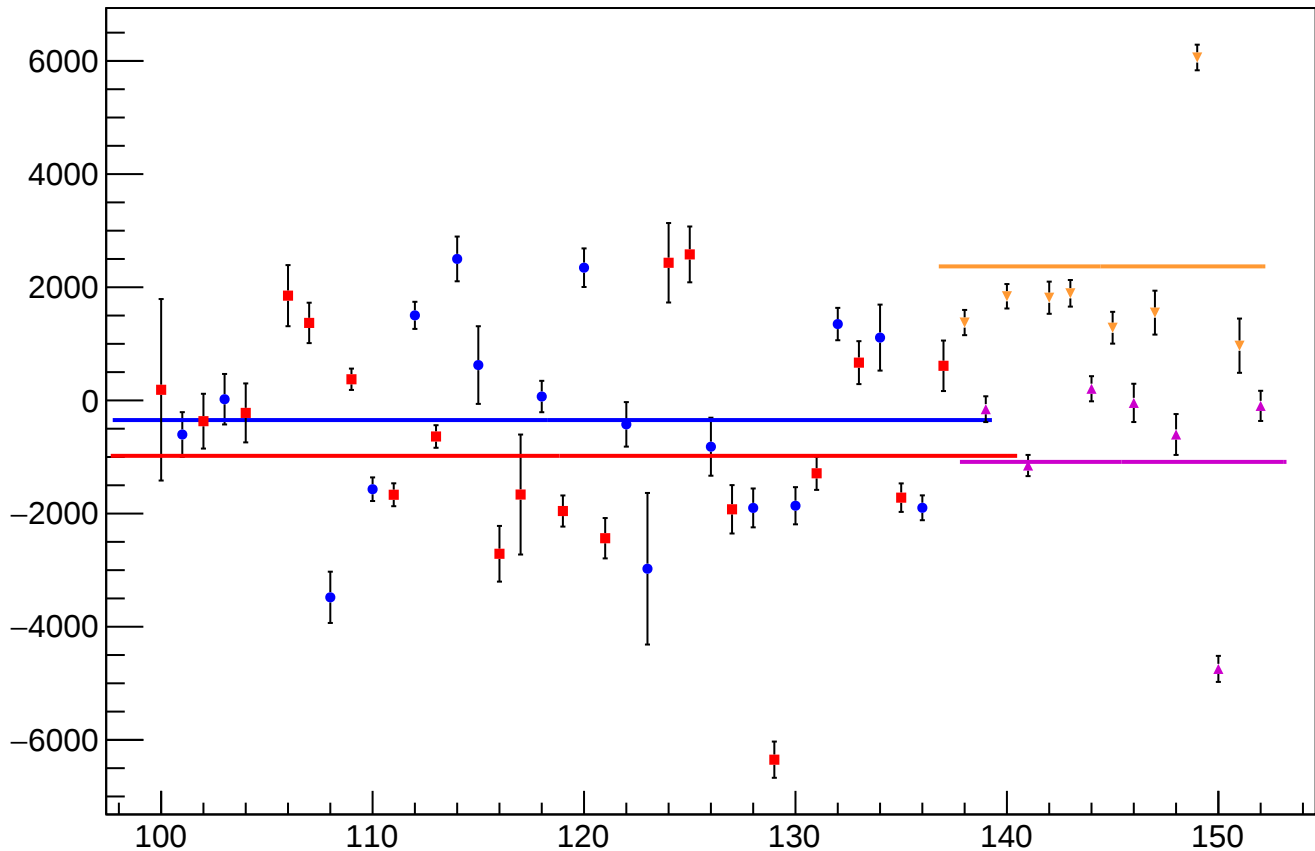
Left In: 210.542 $\pm$ 0.066 χ^2/NDF : 439395.1/6

209.683 $\pm$ 0.044 χ^2/NDF : 1567227.8/24

203.192 $\pm$ 0.030 χ^2/NDF : 3366675.7/51

197.443 $\pm$ 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: 2368.630 ± 93.191 $\chi^2/\text{NDF}: 327.3/7$

Right Out: -979.606 ± 73.710 $\chi^2/\text{NDF}: 586.1/19$

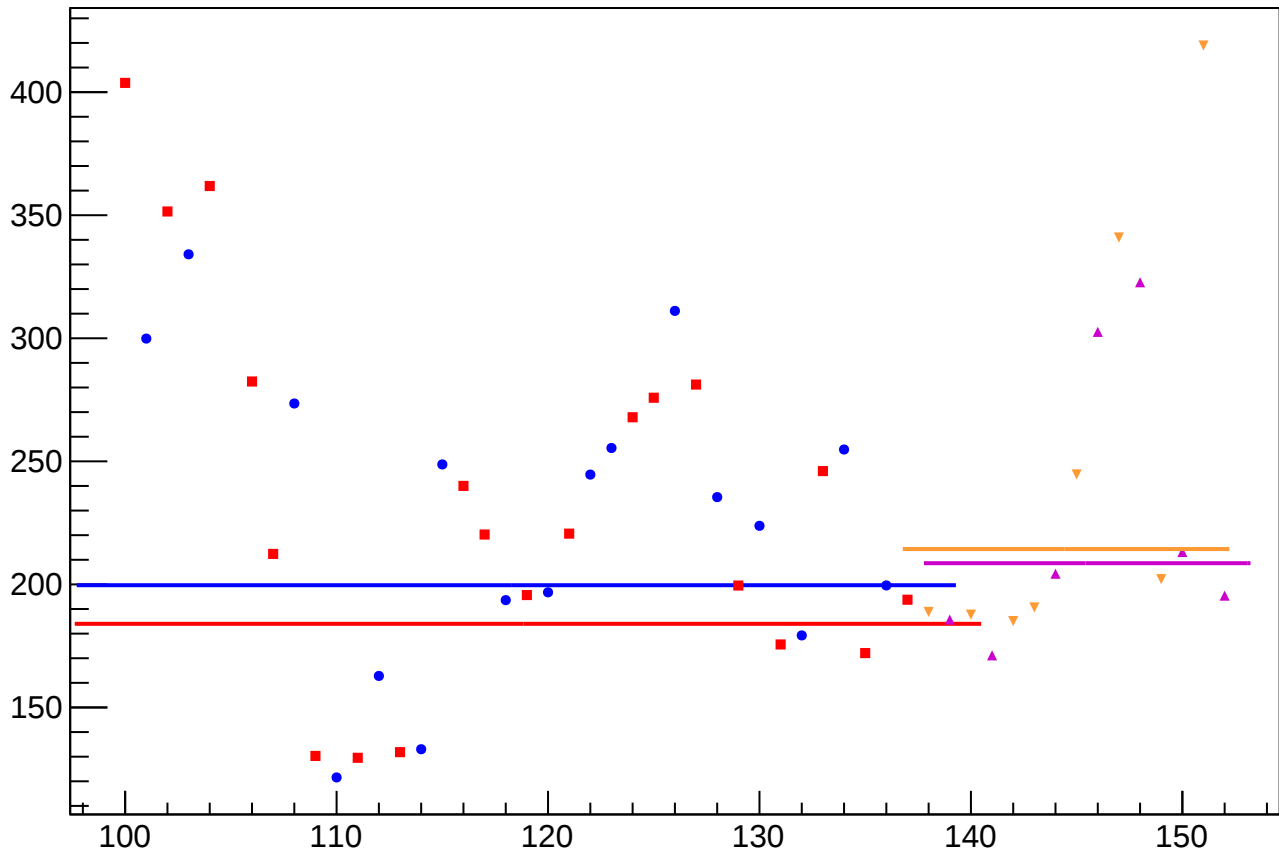
Left In: -1086.431 ± 92.271 $\chi^2/\text{NDF}: 328.6/6$

826.761 ± 61.271 $\chi^2/\text{NDF}: 1208.6/24$

-154.396 ± 41.963 $\chi^2/\text{NDF}: 2607.1/51$

-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: 214.364+/-0.066 χ^2/NDF : 704343.8/7

Right Out: 183.984+/-0.052 χ^2/NDF : 1351978.1/19

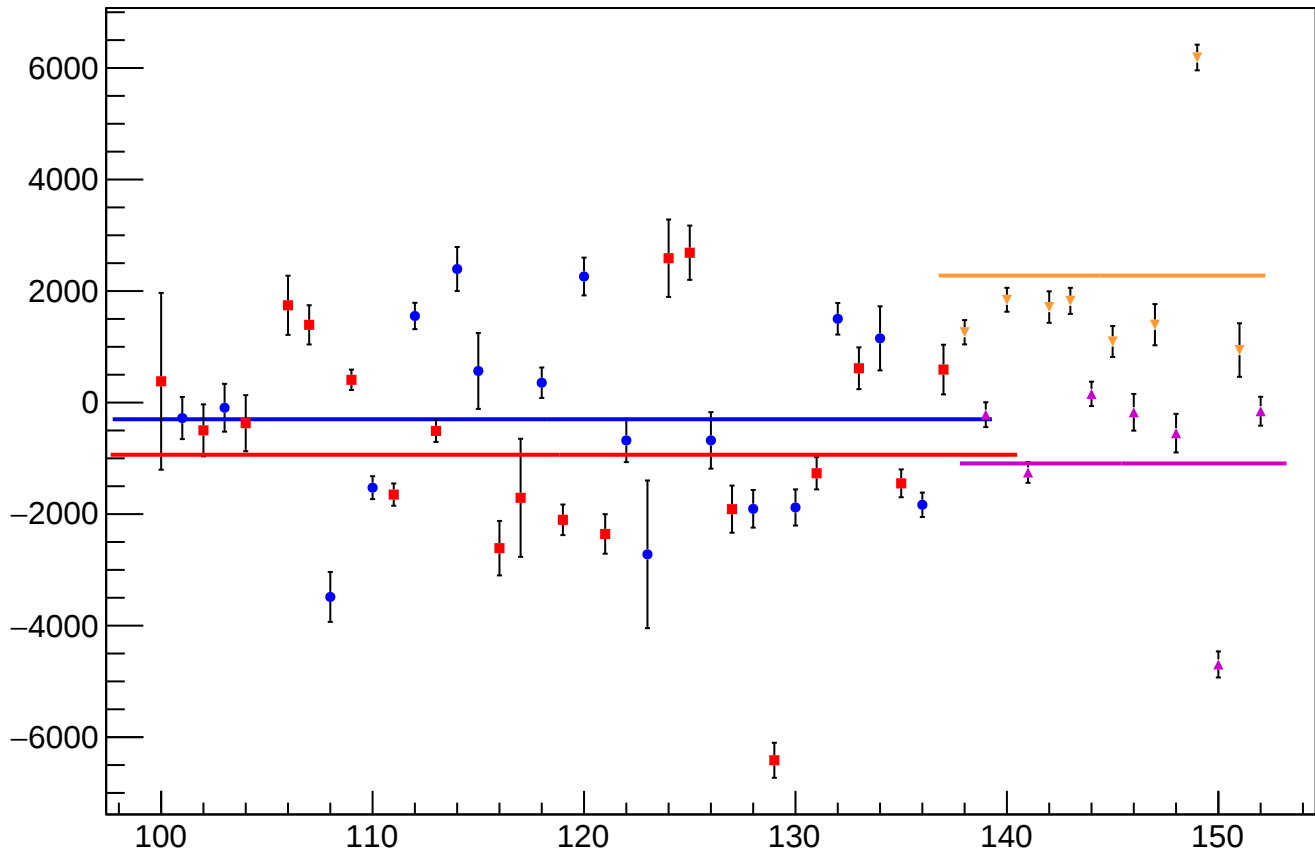
Left In: 208.615+/-0.065 χ^2/NDF : 460688.1/6

206.021+/-0.043 χ^2/NDF : 1675730.3/24

199.415+/-0.030 χ^2/NDF : 3619175.0/51

193.579+/-0.041 χ^2/NDF : 1899658.4/26

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -298.963 ± 80.162 χ^2/NDF : 406.6/16

Left Out: 2278.355 ± 92.364 χ^2/NDF : 354.4/7

Right Out: -935.490 ± 72.580 χ^2/NDF : 615.3/19

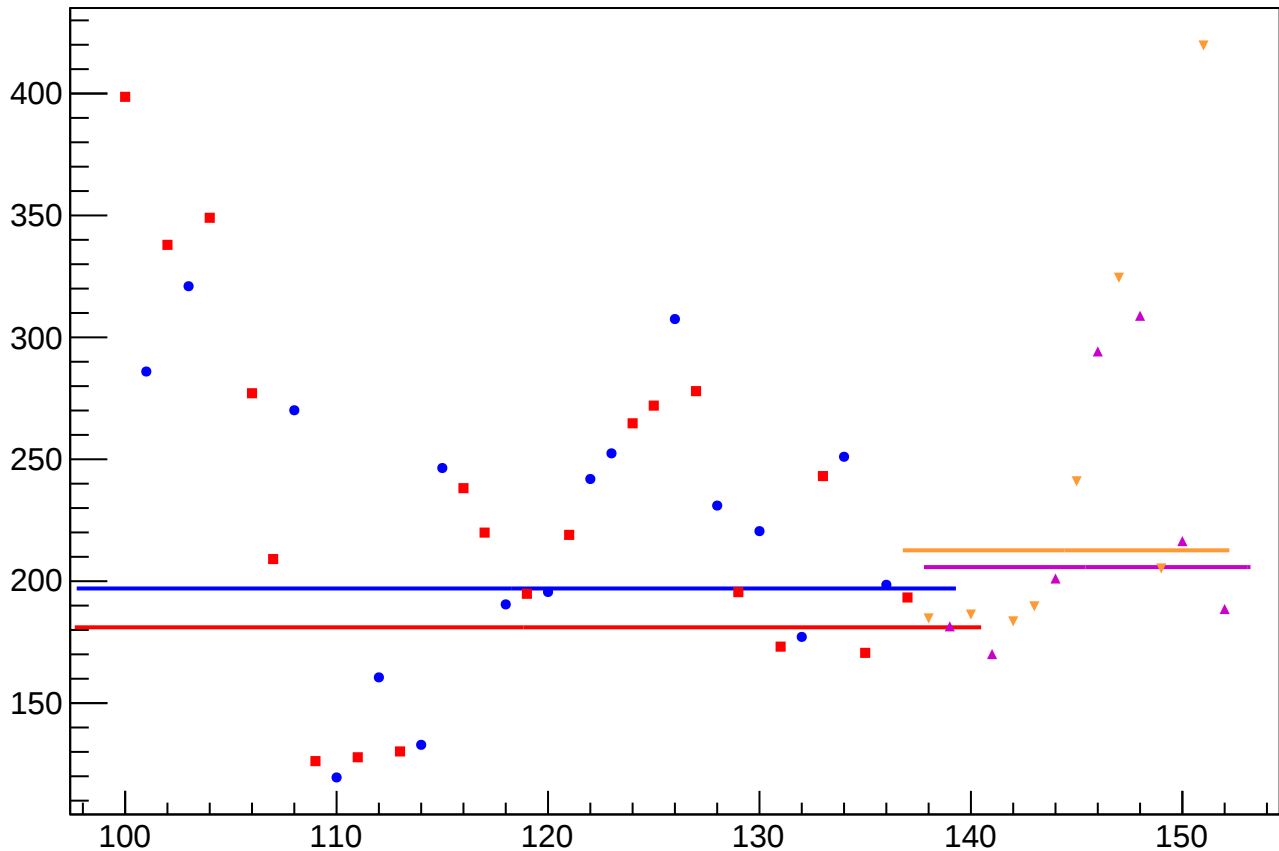
Left In: -1091.264 ± 90.991 χ^2/NDF : 310.1/6

808.315 ± 60.541 χ^2/NDF : 1205.1/24

-152.287 ± 41.400 χ^2/NDF : 2605.2/51

-996.062 ± 56.740 χ^2/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: 212.661 $\pm$ 0.065 χ^2 /NDF:681604.4/7

Right Out: 181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

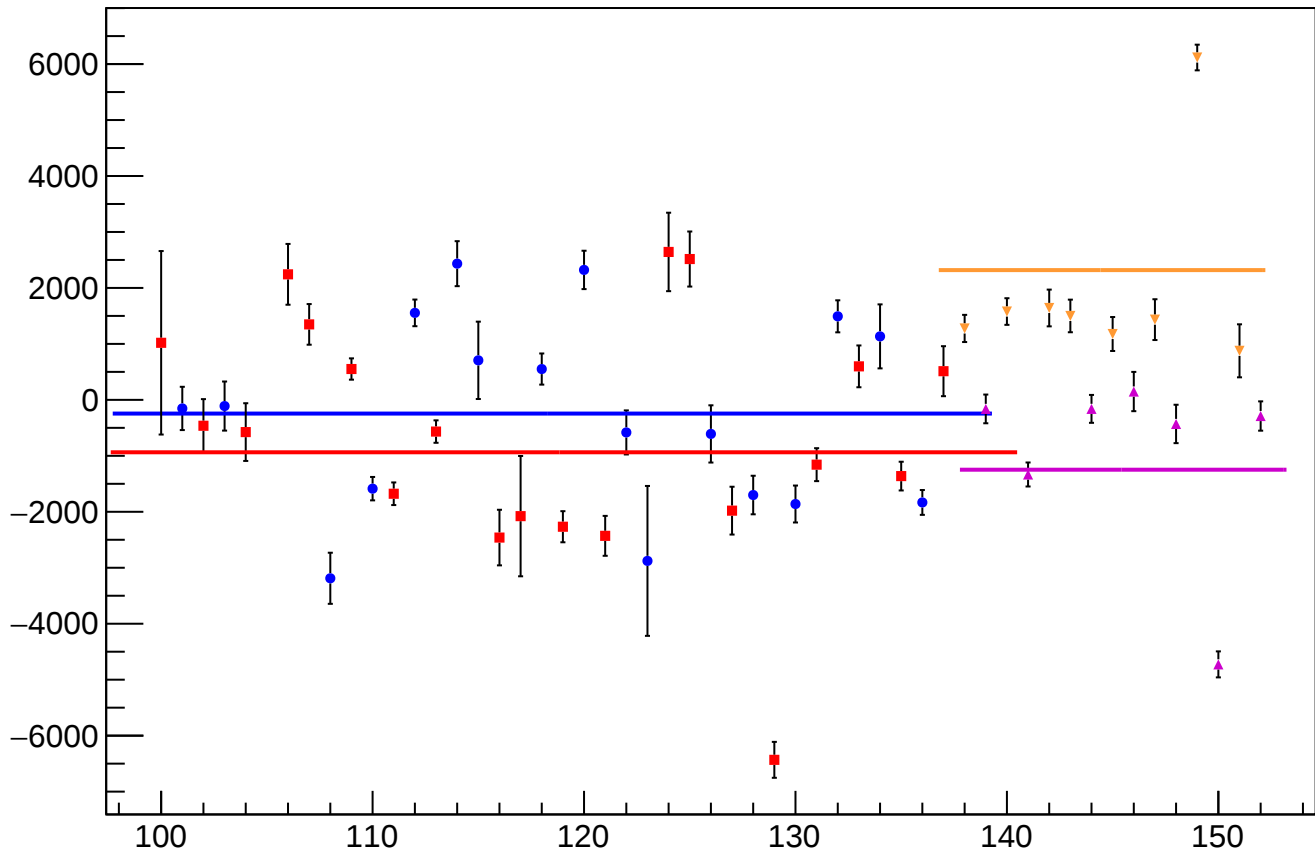
Left In: 205.791 $\pm$ 0.064 χ^2 /NDF:433182.1/6

203.736 $\pm$ 0.043 χ^2 /NDF: 1626269.1/24

196.793 $\pm$ 0.029 χ^2 /NDF: 3547330.3/51

190.694 $\pm$ 0.040 χ^2 /NDF: 1871651.9/26

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.925 $\pm$ 81.395 χ^2/NDF : 391.4/16

Left Out: 2318.463 $\pm$ 101.248 χ^2/NDF : 343.8/7

Right Out: -936.709 $\pm$ 74.030 χ^2/NDF : 610.9/19

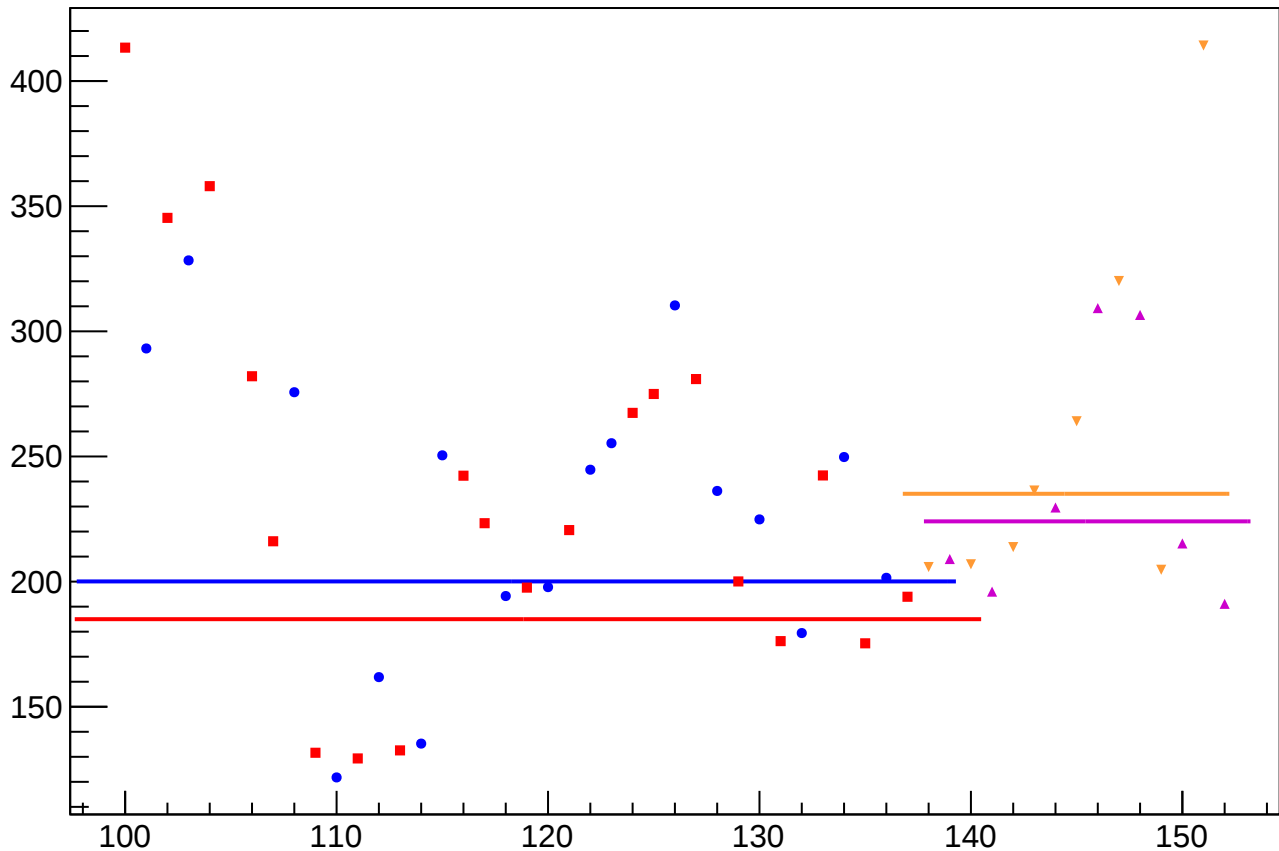
Left In: -1247.982 $\pm$ 98.652 χ^2/NDF : 296.1/6

761.387 $\pm$ 63.437 χ^2/NDF : 1124.6/24

-206.018 $\pm$ 43.286 χ^2/NDF : 2473.1/51

-1048.846 $\pm$ 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: 235.092+/-0.072 χ^2/NDF : 513640.2/7

Right Out: 184.990+/-0.052 χ^2/NDF : 1320825.4/19

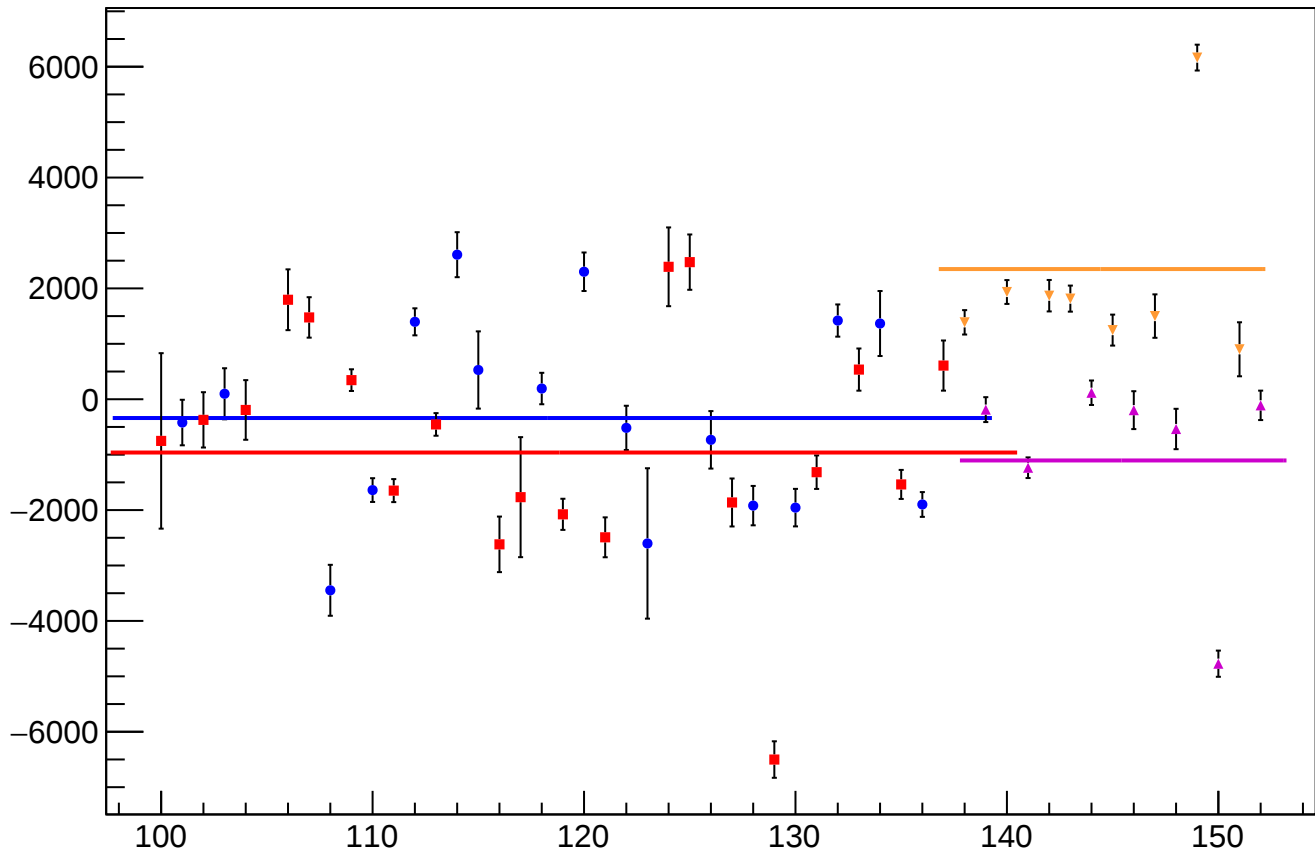
Left In: 224.072+/-0.070 χ^2/NDF : 310291.4/6

213.824+/-0.045 χ^2/NDF : 1577236.8/24

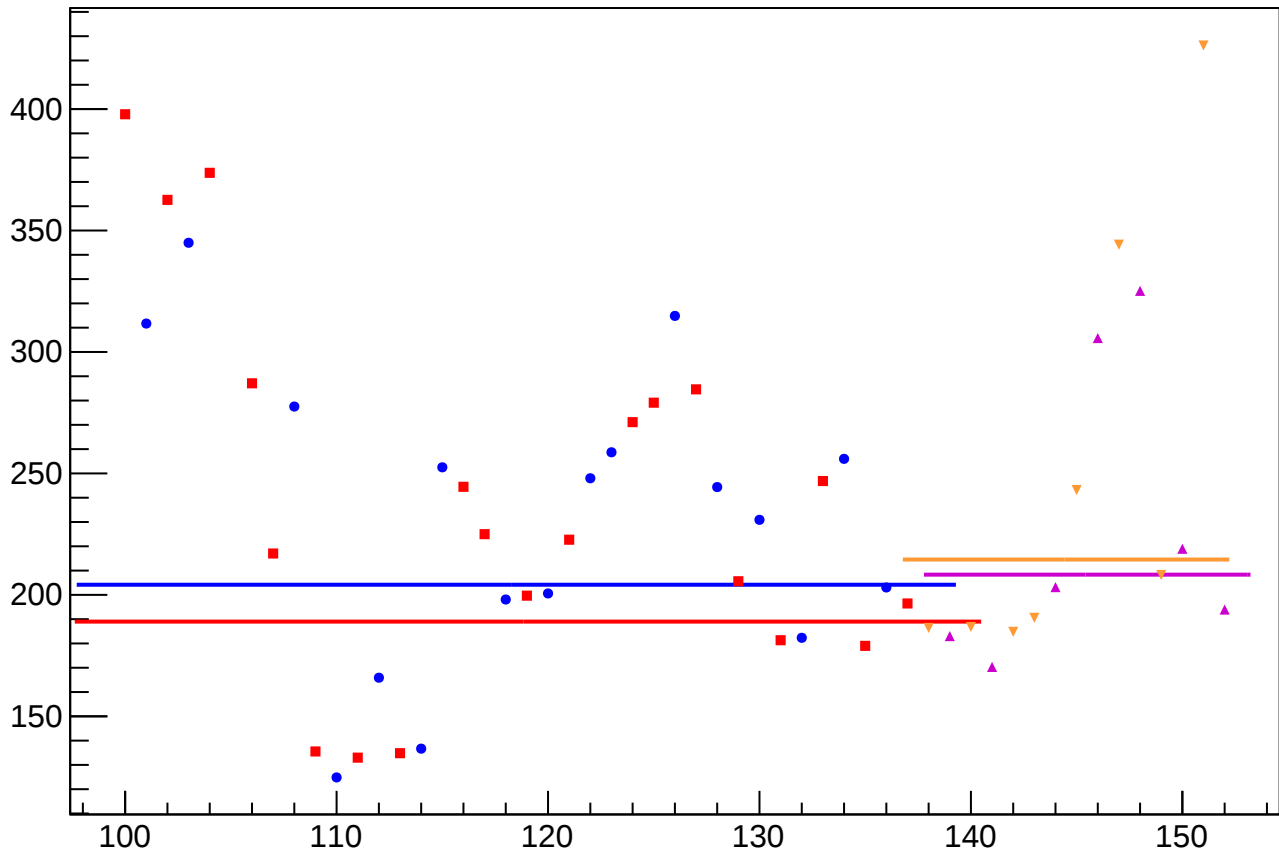
205.939+/-0.031 χ^2/NDF : 3466975.1/51

199.069+/-0.042 χ^2/NDF : 1831921.9/26

asym_bpm0l10WS_mean vs Slug, Sign Corrected



asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.175 +/- 0.059 χ^2/NDF : 947438.5/16

Left Out: 214.547 +/- 0.066 χ^2/NDF : 727352.4/7

Right Out: 188.997 +/- 0.053 χ^2/NDF : 1317112.1/19

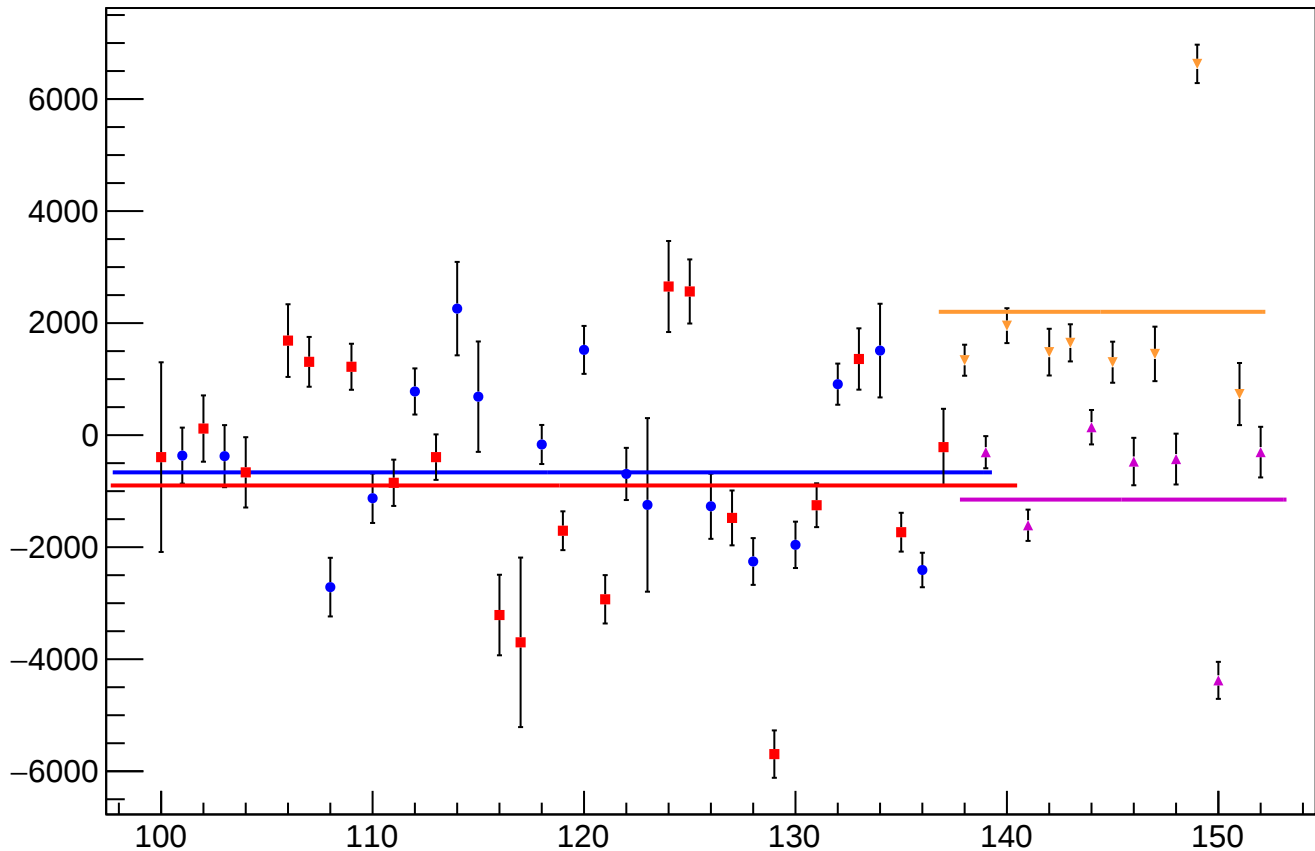
Left In: 208.326 +/- 0.065 χ^2/NDF : 487812.7/6

208.760 +/- 0.044 χ^2/NDF : 1688555.3/24

202.396 +/- 0.030 χ^2/NDF : 3585623.1/51

196.751 +/- 0.041 χ^2/NDF : 1857423.8/26

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.383 $\pm$ 113.949 χ^2/NDF : 154.3/16

Left Out: 2201.846 $\pm$ 127.396 χ^2/NDF : 198.2/7

Right Out: -898.290 $\pm$ 110.578 χ^2/NDF : 323.5/19

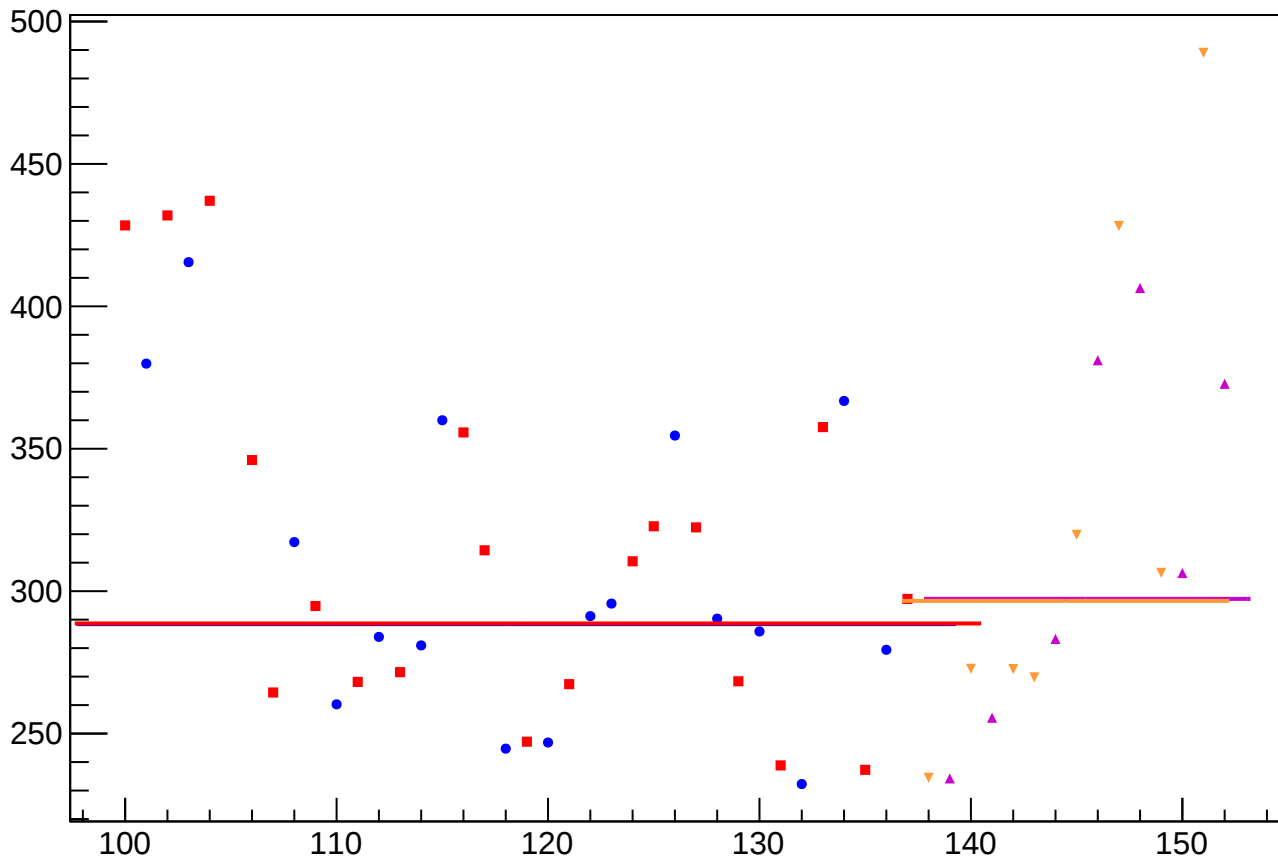
Left In: -1150.496 $\pm$ 129.023 χ^2/NDF : 133.1/6

609.522 $\pm$ 84.932 χ^2/NDF : 633.7/24

-207.059 $\pm$ 59.710 χ^2/NDF : 1275.3/51

-1005.092 $\pm$ 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: 296.601 $\pm$ 0.090 χ^2 /NDF: 528960.4/7

Right Out: 288.660 $\pm$ 0.078 χ^2 /NDF: 455989.7/19

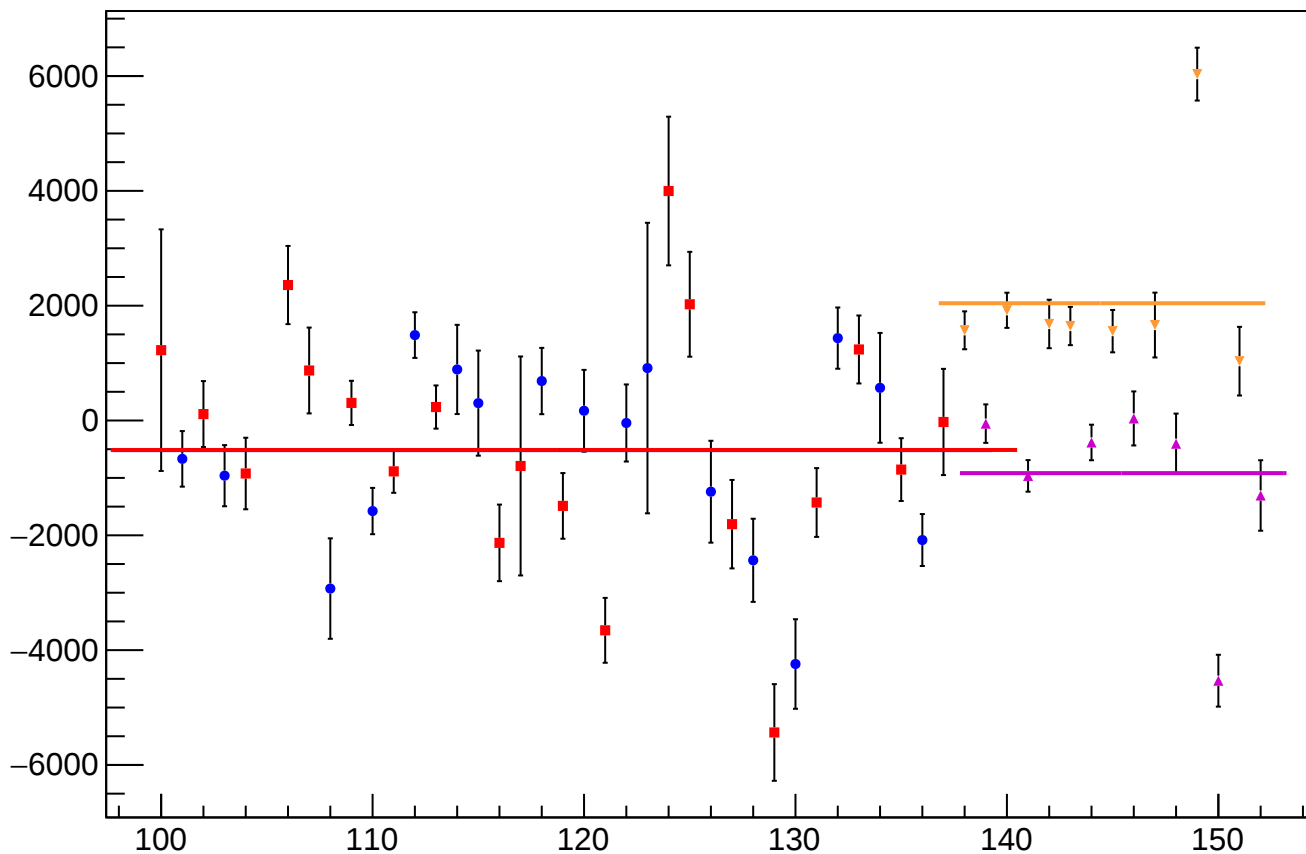
Left In: 297.288 $\pm$ 0.091 χ^2 /NDF: 396871.5/6

292.061 $\pm$ 0.060 χ^2 /NDF: 873353.5/24

292.189 $\pm$ 0.042 χ^2 /NDF: 1731379.5/51

292.313 $\pm$ 0.059 χ^2 /NDF: 858017.1/26

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -515.894 $\pm$ 147.326 χ^2/NDF : 108.0/16

Left Out: 2042.692 $\pm$ 138.123 χ^2/NDF : 84.4/7

Right Out: -513.264 $\pm$ 135.456 χ^2/NDF : 141.3/19

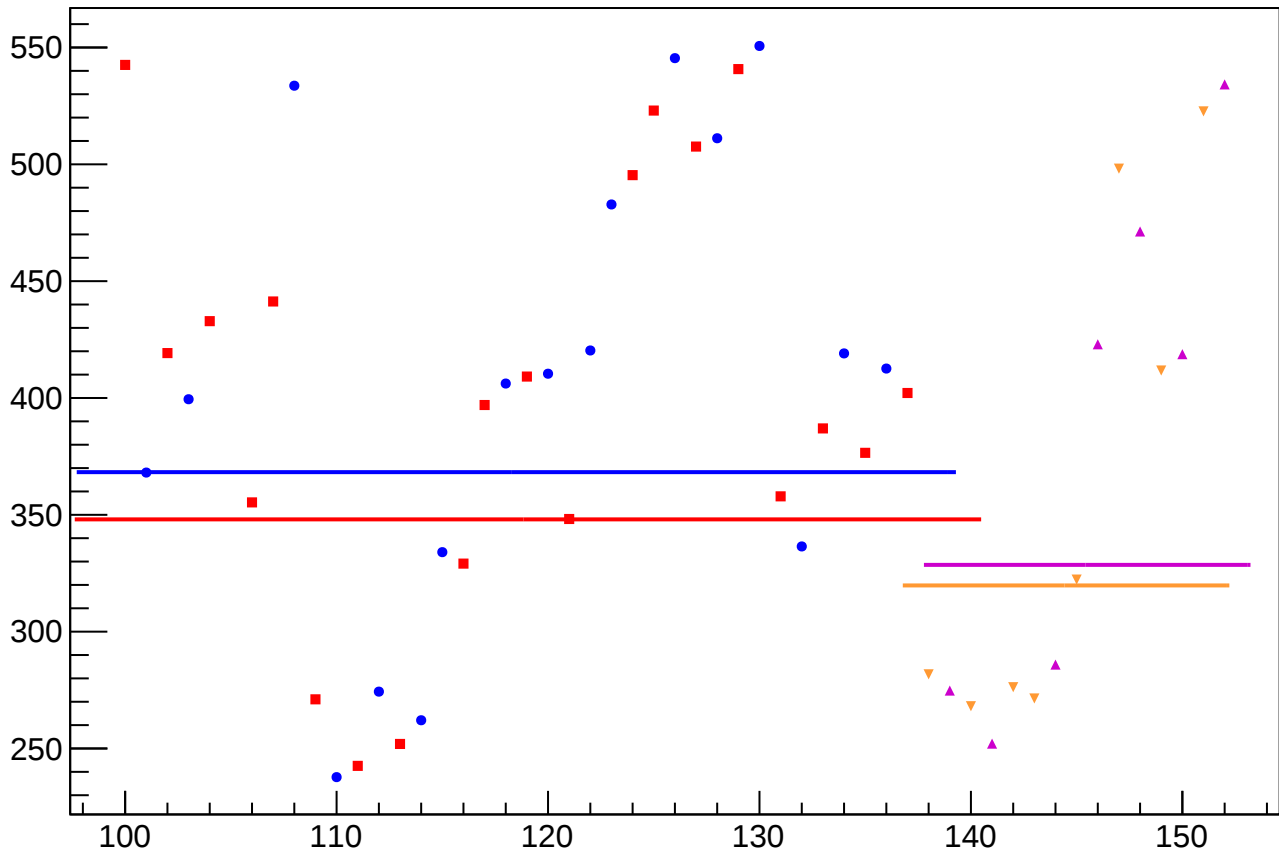
Left In: -916.623 $\pm$ 143.999 χ^2/NDF : 79.2/6

845.806 $\pm$ 100.764 χ^2/NDF : 353.0/24

55.283 $\pm$ 70.497 χ^2/NDF : 698.1/51

-702.624 $\pm$ 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: 319.780 +/- 0.098 χ^2/NDF : 656570.8/7

Right Out: 348.050 +/- 0.096 χ^2/NDF : 823186.4/19

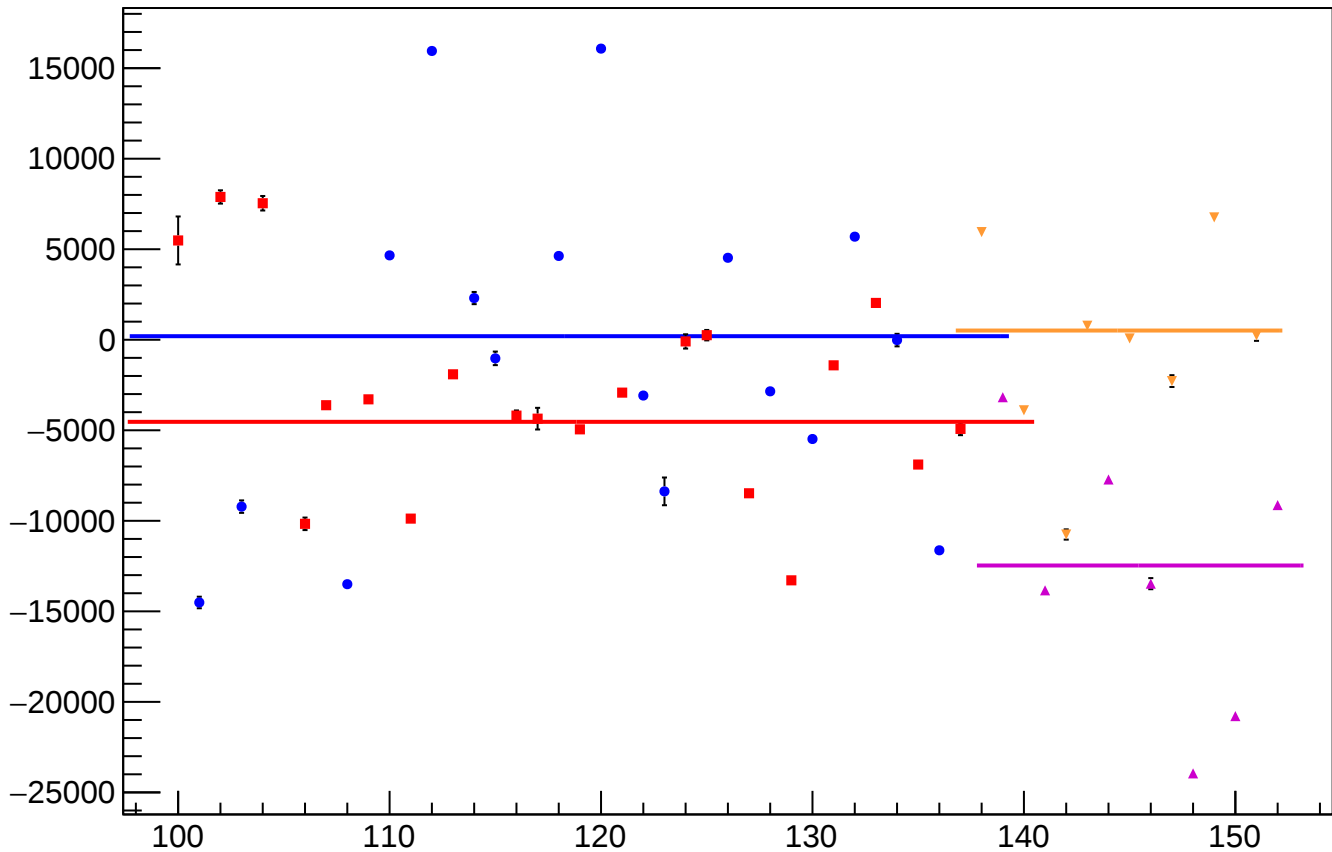
Left In: 328.579 +/- 0.102 χ^2/NDF : 776809.6/6

342.460 +/- 0.071 χ^2/NDF : 1541968.2/24

340.647 +/- 0.050 χ^2/NDF : 3162634.1/51

338.909 +/- 0.070 χ^2/NDF : 1619397.8/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 $\pm$ 54.799 χ^2/NDF : 30658.3/16

Left Out: 509.603 $\pm$ 87.518 χ^2/NDF : 3594.4/7

Right Out: -4532.856 $\pm$ 52.261 χ^2/NDF : 7477.3/19

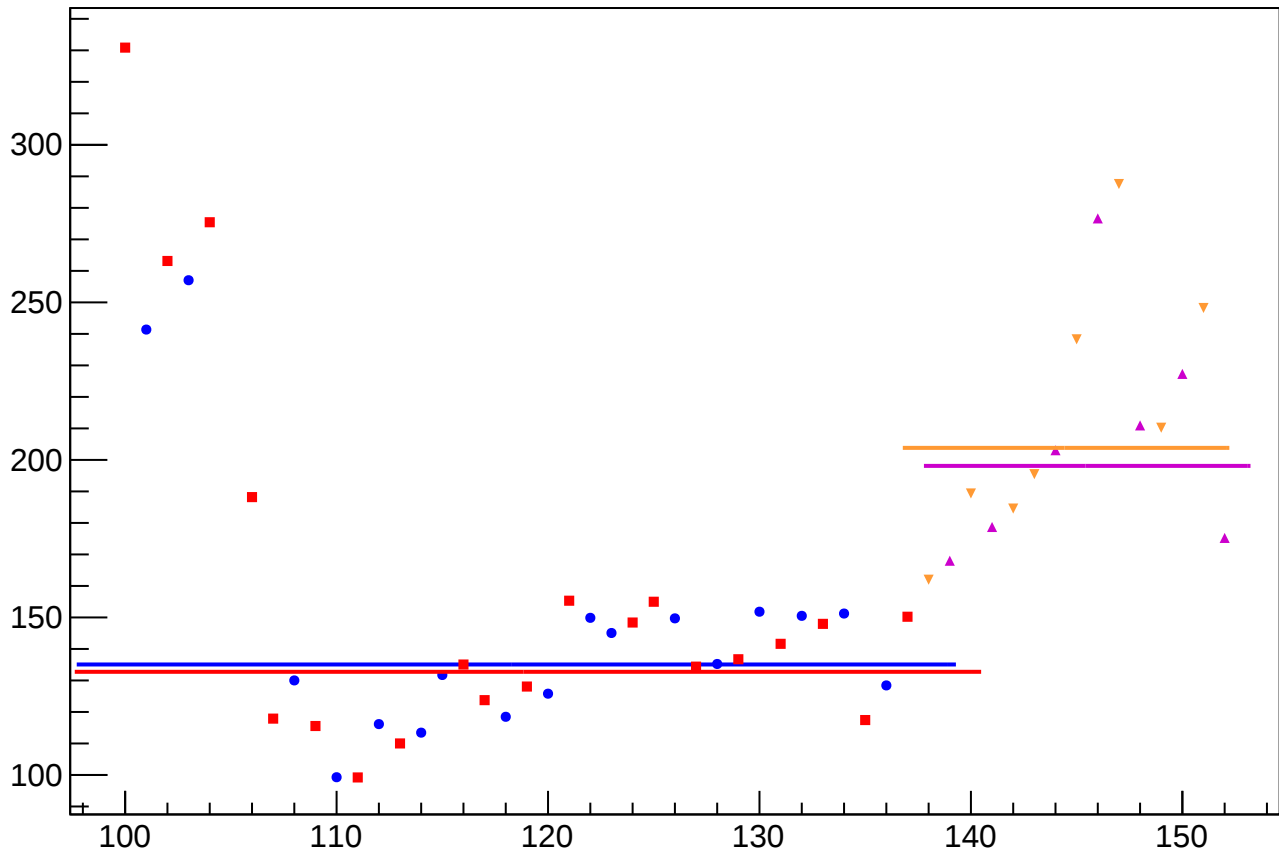
Left In: -12467.990 $\pm$ 86.817 χ^2/NDF : 6121.3/6

285.046 $\pm$ 46.445 χ^2/NDF : 34261.9/24

-3306.057 $\pm$ 32.235 χ^2/NDF : 65526.7/51

-6643.459 $\pm$ 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: 203.825+/-0.062 χ^2/NDF : 326490.5/7

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

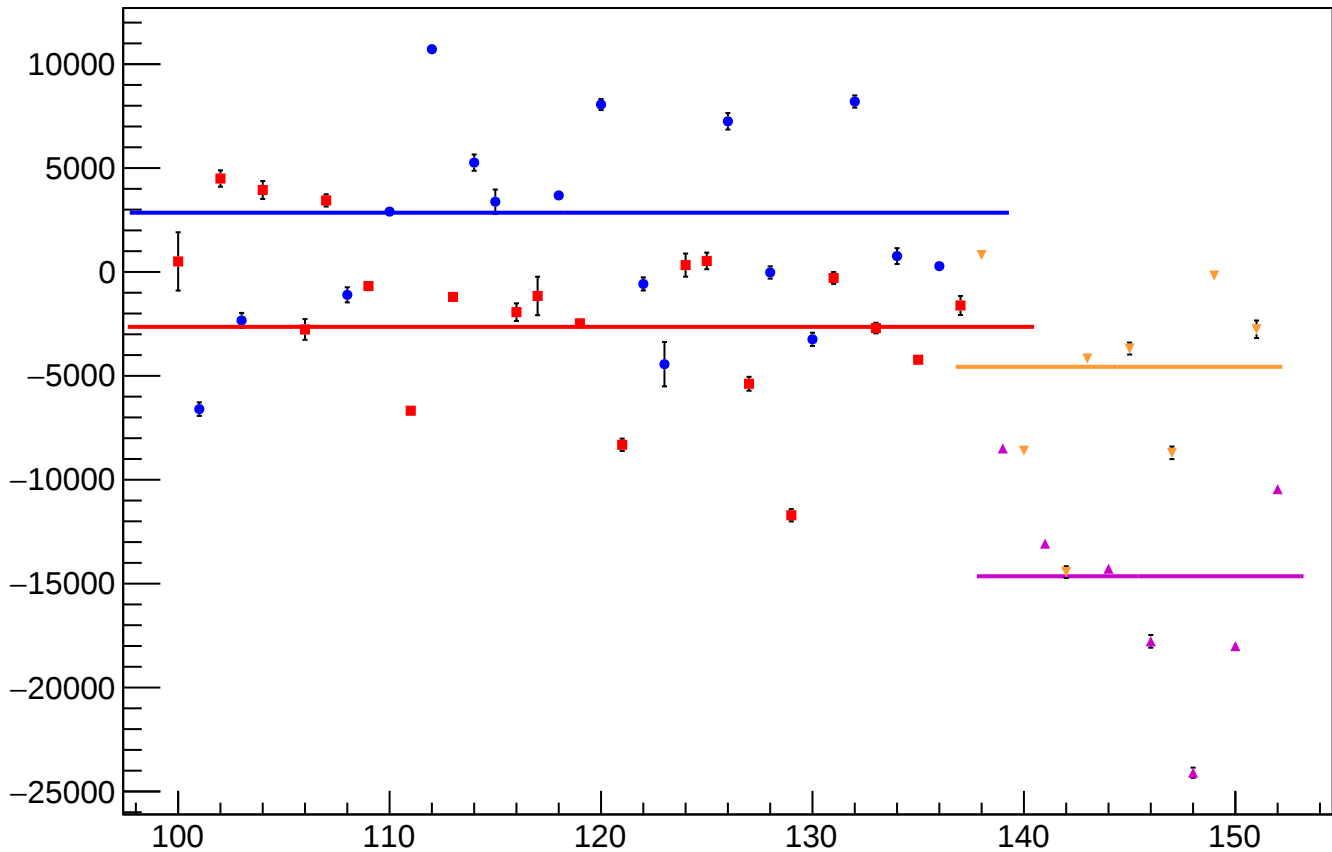
Left In: 198.106+/-0.061 χ^2/NDF : 247231.6/6

154.435+/-0.033 χ^2/NDF : 1871864.0/24

152.204+/-0.023 χ^2/NDF : 3791663.6/51

150.131+/-0.032 χ^2/NDF : 1910898.6/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437 ± 70.753 $\chi^2/\text{NDF}: 4178.1/16$

Left Out: -4564.528 ± 89.610 $\chi^2/\text{NDF}: 2863.8/7$

Right Out: -2641.642 ± 65.566 $\chi^2/\text{NDF}: 3178.3/19$

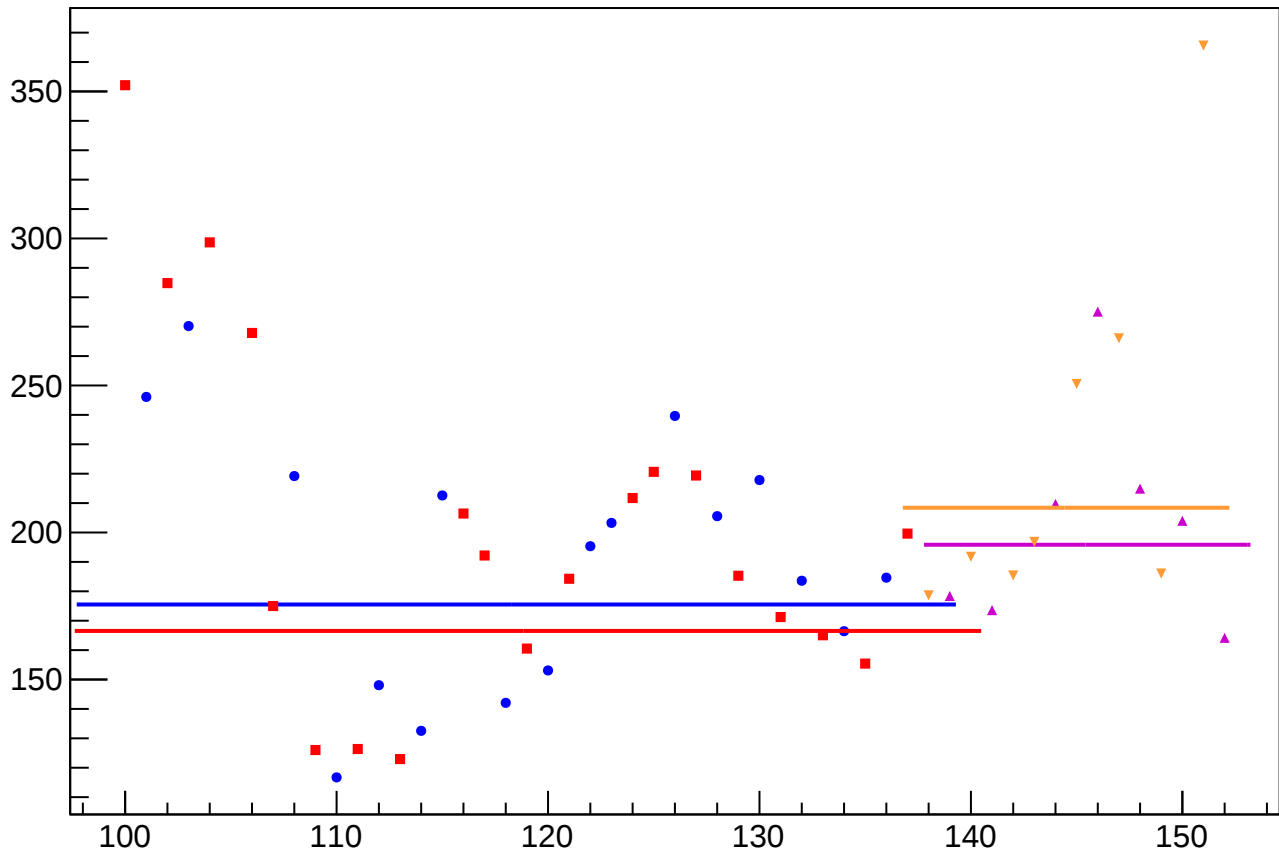
Left In: -14643.834 ± 85.919 $\chi^2/\text{NDF}: 3039.3/6$

3.576 ± 55.530 $\chi^2/\text{NDF}: 11260.8/24$

-3750.883 ± 38.004 $\chi^2/\text{NDF}: 38409.2/51$

-7058.689 ± 52.123 $\chi^2/\text{NDF}: 18549.8/26$

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514 +/- 0.050 χ^2/NDF : 689642.3/16

Left Out: 208.422 +/- 0.063 χ^2/NDF : 485359.2/7

Right Out: 166.522 +/- 0.046 χ^2/NDF : 931079.9/19

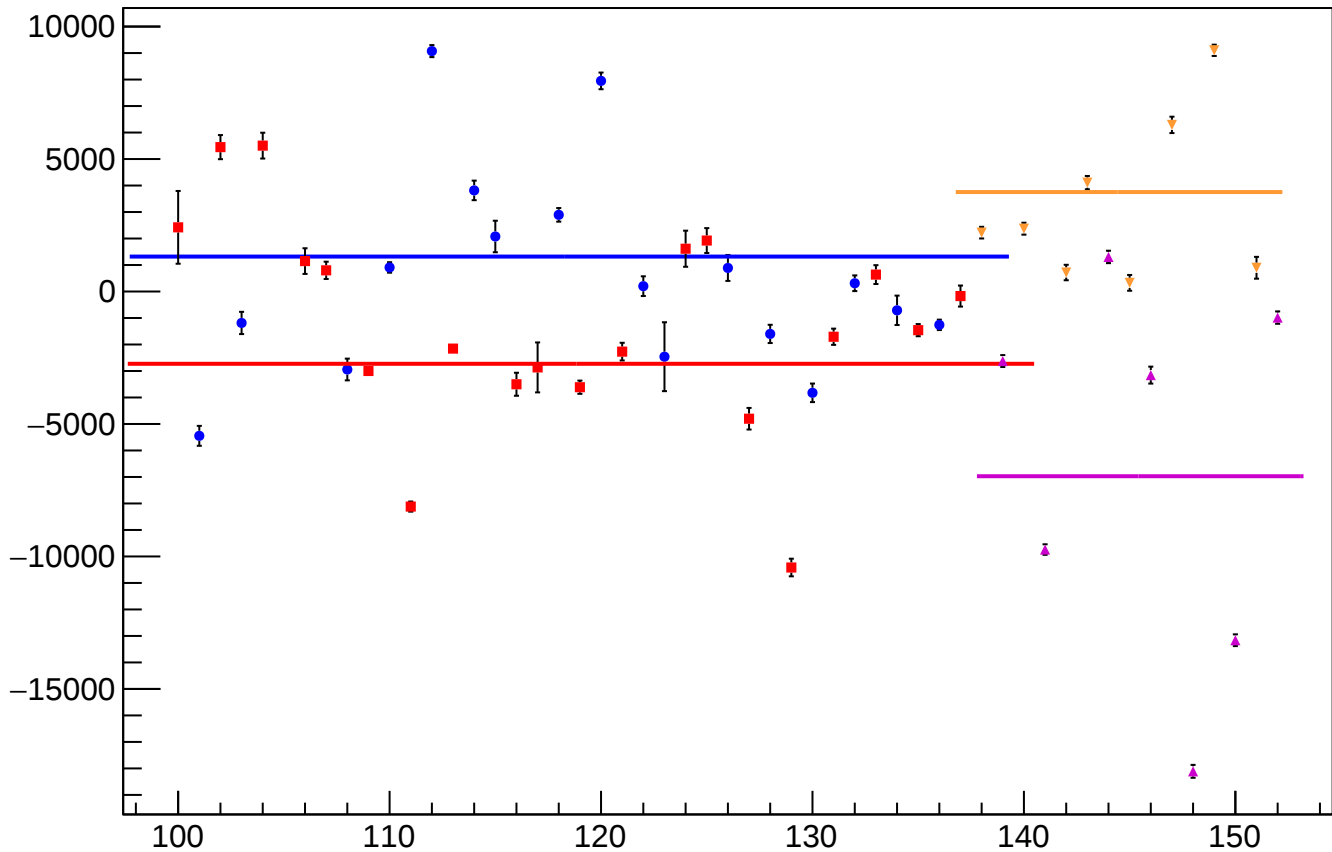
Left In: 195.832 +/- 0.061 χ^2/NDF : 234973.0/6

188.151 +/- 0.039 χ^2/NDF : 1341144.8/24

182.387 +/- 0.027 χ^2/NDF : 2694818.1/51

177.309 +/- 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: 3754.122+/-92.303 χ^2/NDF :1074.2/7

Right Out: -2728.550+/-69.837 χ^2/NDF : 2495.9/19

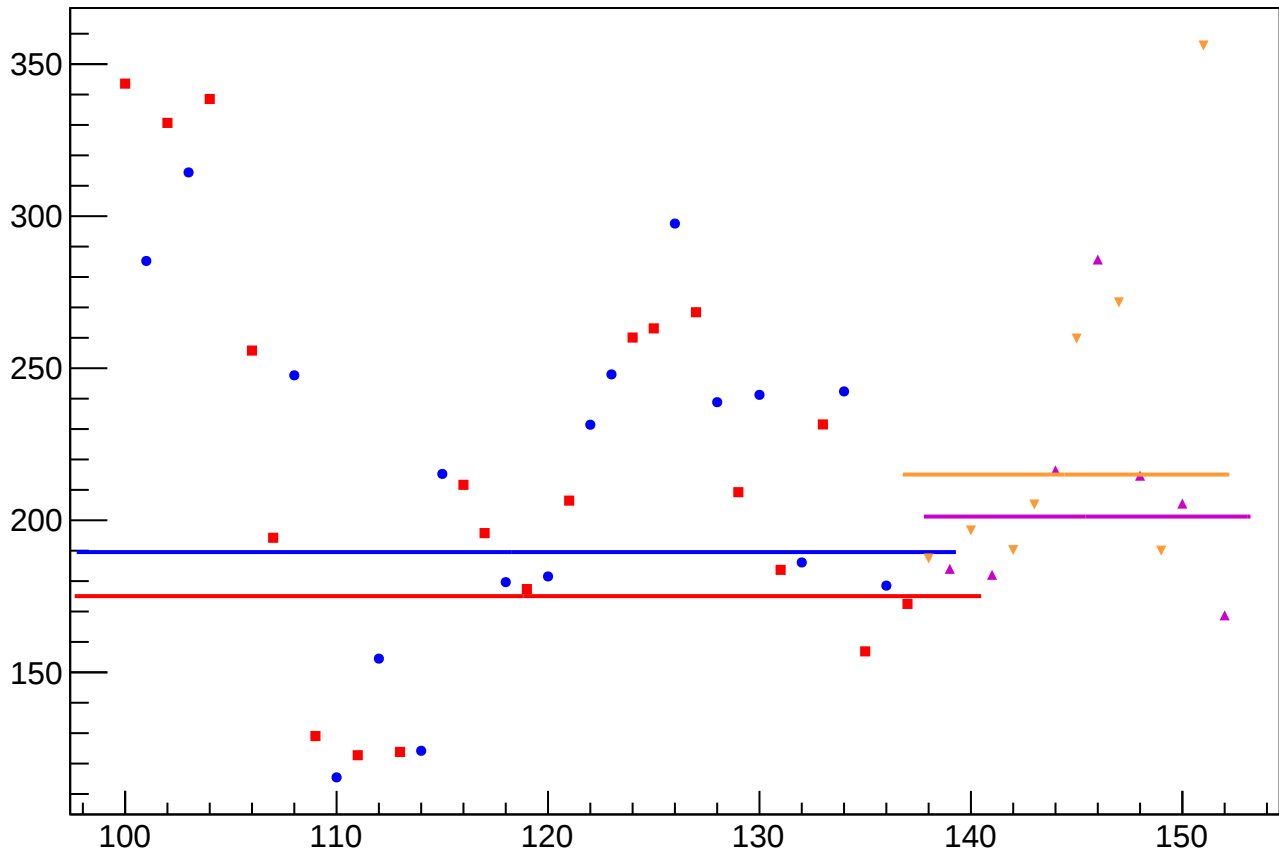
Left In: -6971.777+/-88.297 χ^2/NDF :5468.8/6

2320.465+/-59.194 χ^2/NDF : 4151.0/24

-1279.180+/-40.203 χ^2/NDF : 20401.0/51

-4361.473+/-54.775 χ^2/NDF : 9385.4/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 $\pm$ 0.055 χ^2 /NDF: 980744.6/16

Left Out: 215.036 $\pm$ 0.065 χ^2 /NDF: 436320.7/7

Right Out: 175.058 $\pm$ 0.049 χ^2 /NDF: 1298079.7/19

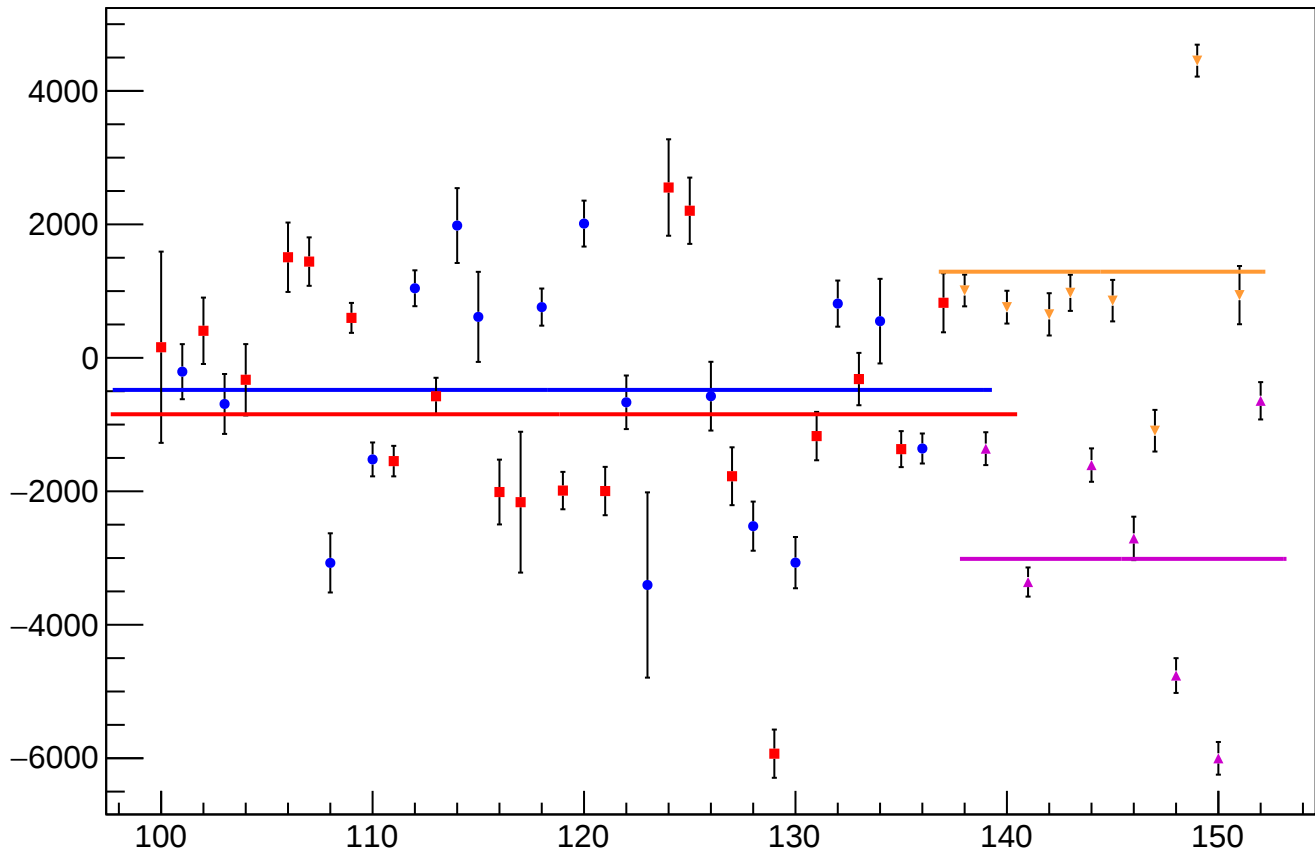
Left In: 201.221 $\pm$ 0.062 χ^2 /NDF: 223920.8/6

200.028 $\pm$ 0.042 χ^2 /NDF: 1506870.3/24

192.000 $\pm$ 0.028 χ^2 /NDF: 3205172.9/51

185.127 $\pm$ 0.039 χ^2 /NDF: 1630023.0/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578 ± 88.640 $\chi^2/\text{NDF}: 290.7/16$

Left Out: 1290.960 ± 99.460 $\chi^2/\text{NDF}: 247.1/7$

Right Out: -845.444 ± 81.995 $\chi^2/\text{NDF}: 436.9/19$

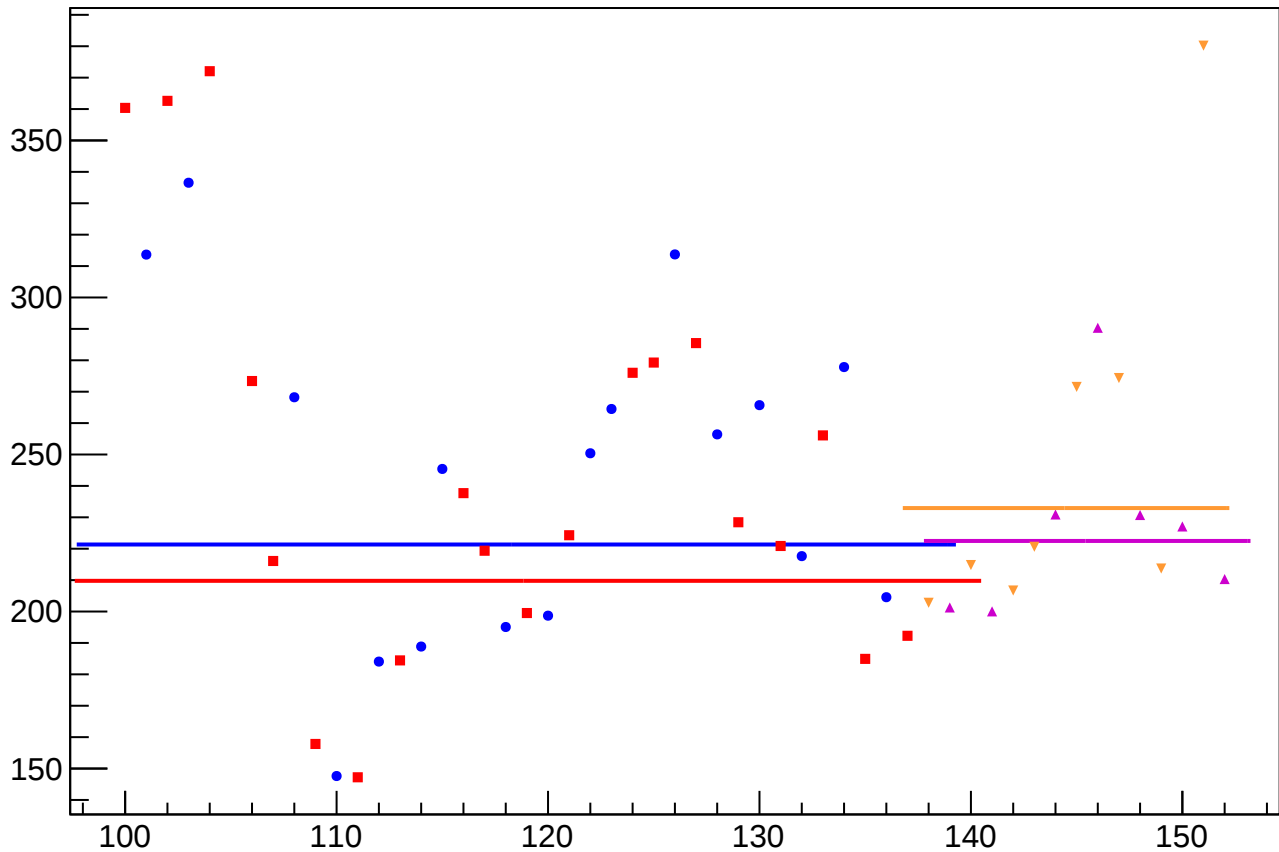
Left In: -3012.578 ± 96.665 $\chi^2/\text{NDF}: 345.5/6$

303.625 ± 66.174 $\chi^2/\text{NDF}: 714.6/24$

-782.484 ± 45.449 $\chi^2/\text{NDF}: 2299.2/51$

-1752.247 ± 62.529 $\chi^2/\text{NDF}: 1074.7/26$

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

Left Out: 232.944 $\pm$ 0.070 χ^2 /NDF: 367580.0/7

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

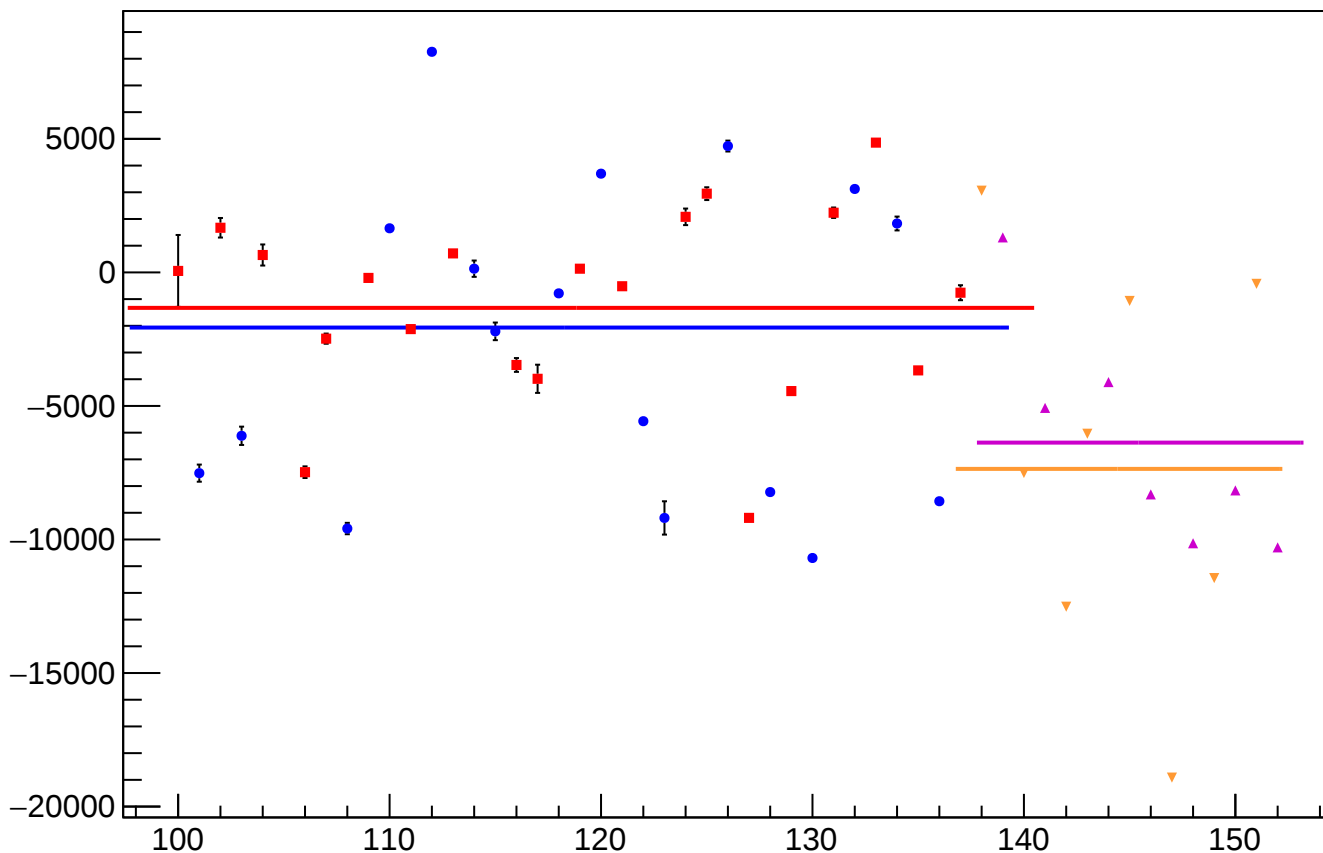
Left In: 222.474 $\pm$ 0.068 χ^2 /NDF: 131623.6/6

226.478 $\pm$ 0.047 χ^2 /NDF: 1028436.3/24

220.461 $\pm$ 0.032 χ^2 /NDF: 2095517.7/51

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: -7356.596 $\pm$ 46.506 χ^2/NDF : 22219.0/7

Right Out: -1327.819 $\pm$ 44.838 χ^2/NDF : 5919.9/19

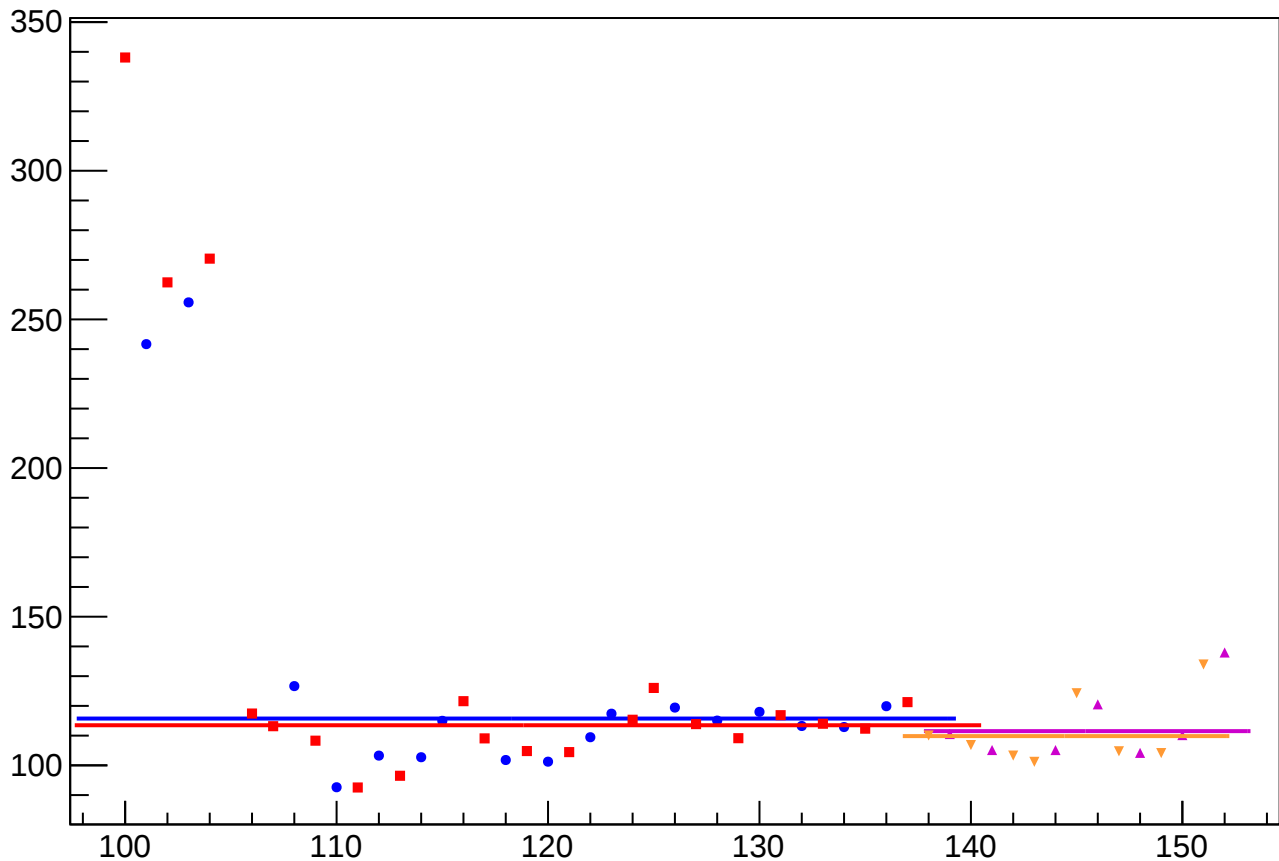
Left In: -6373.023 $\pm$ 47.423 χ^2/NDF : 5794.5/6

-4756.897 $\pm$ 33.169 χ^2/NDF : 45112.6/24

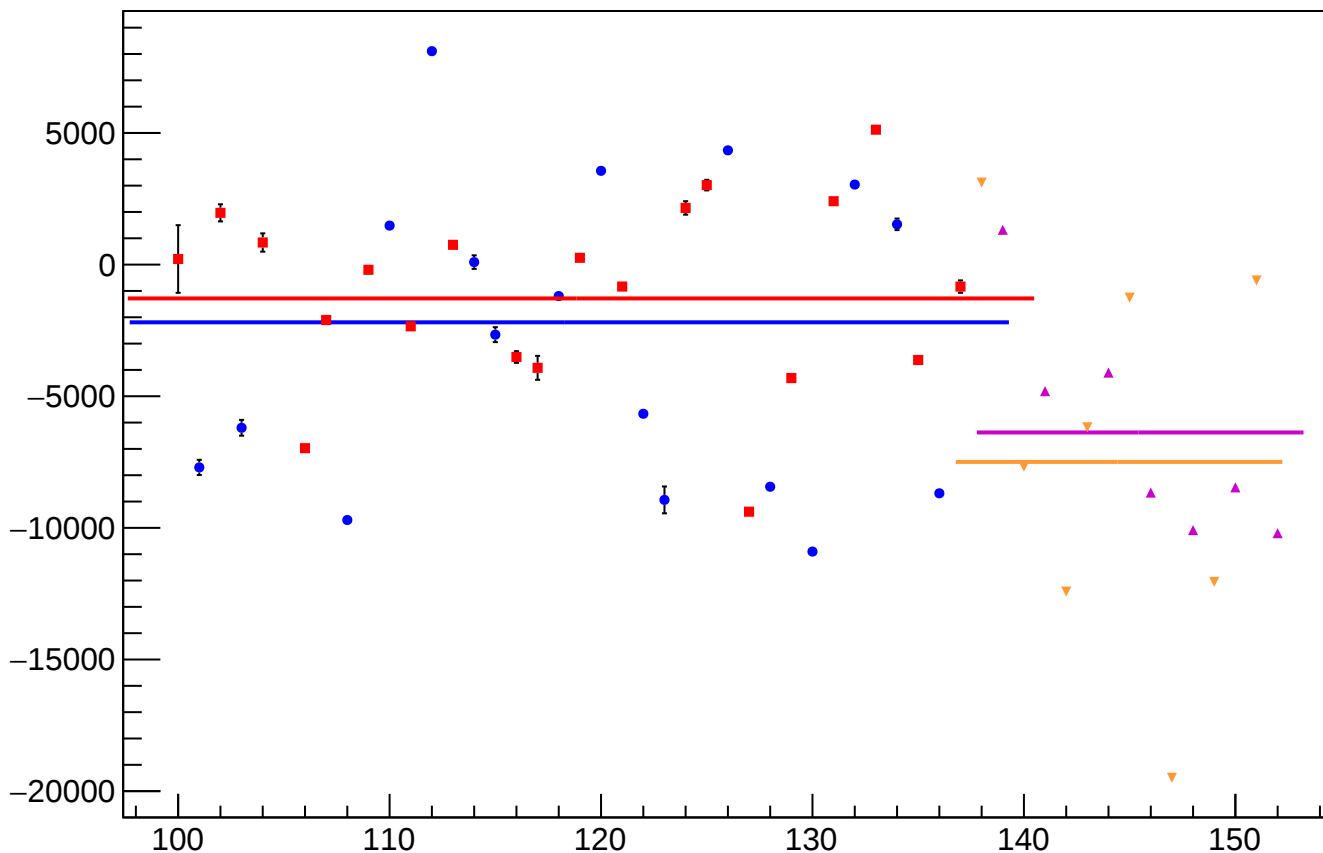
-4223.675 $\pm$ 23.243 χ^2/NDF : 63310.8/51

-3709.212 $\pm$ 32.581 χ^2/NDF : 17690.4/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2192.327+/-39.944 χ^2/NDF : 22813.5/16

Left Out: -7494.157+/-42.931 χ^2/NDF : 26807.2/7

Right Out: -1284.692+/-37.915 χ^2/NDF : 8584.4/19

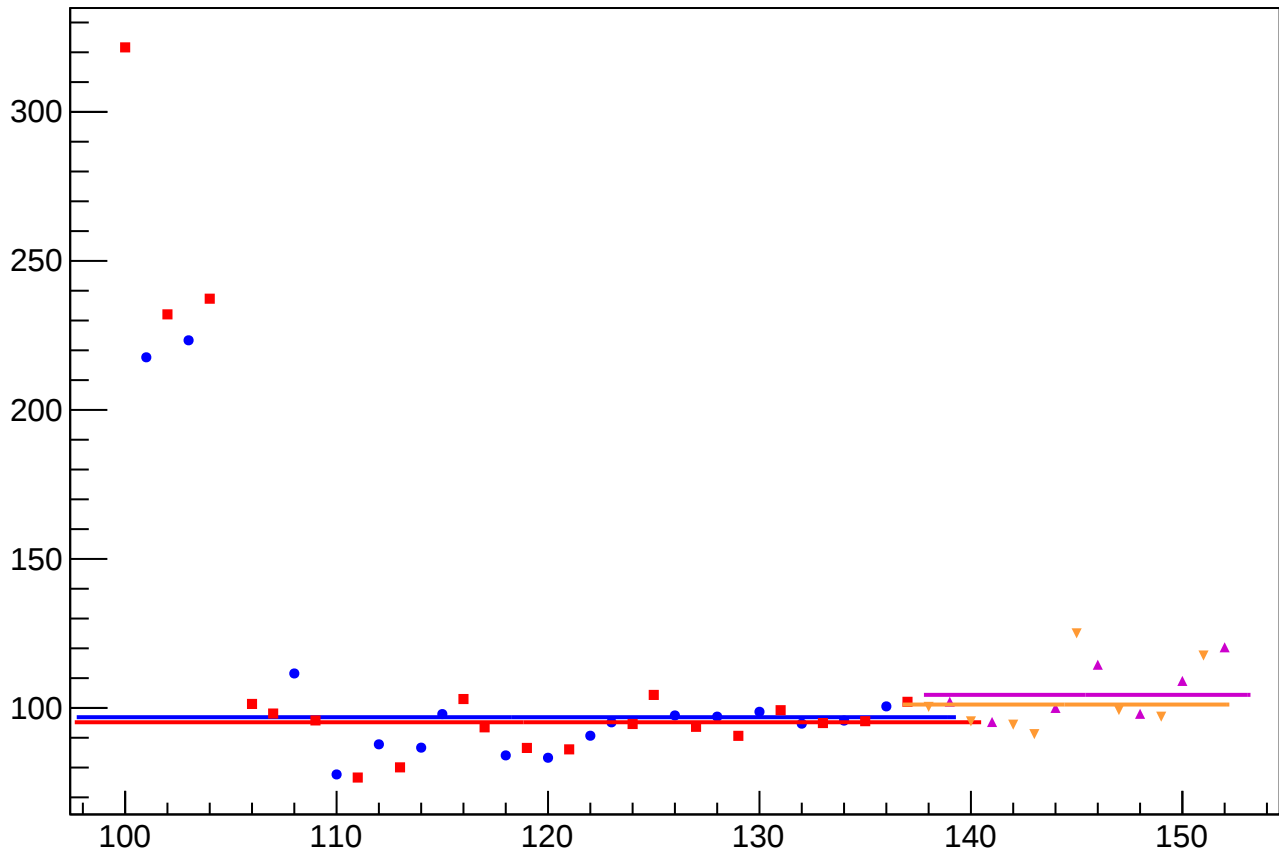
Left In: -6375.526+/-44.412 χ^2/NDF : 6935.7/6

-4652.415+/-29.244 χ^2/NDF : 57795.5/24

-4033.059+/-20.533 χ^2/NDF : 81800.4/51

-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: 101.143 ± 0.030 $\chi^2/\text{NDF}: 113630.8/7$

Right Out: 95.201 ± 0.027 $\chi^2/\text{NDF}: 859838.2/19$

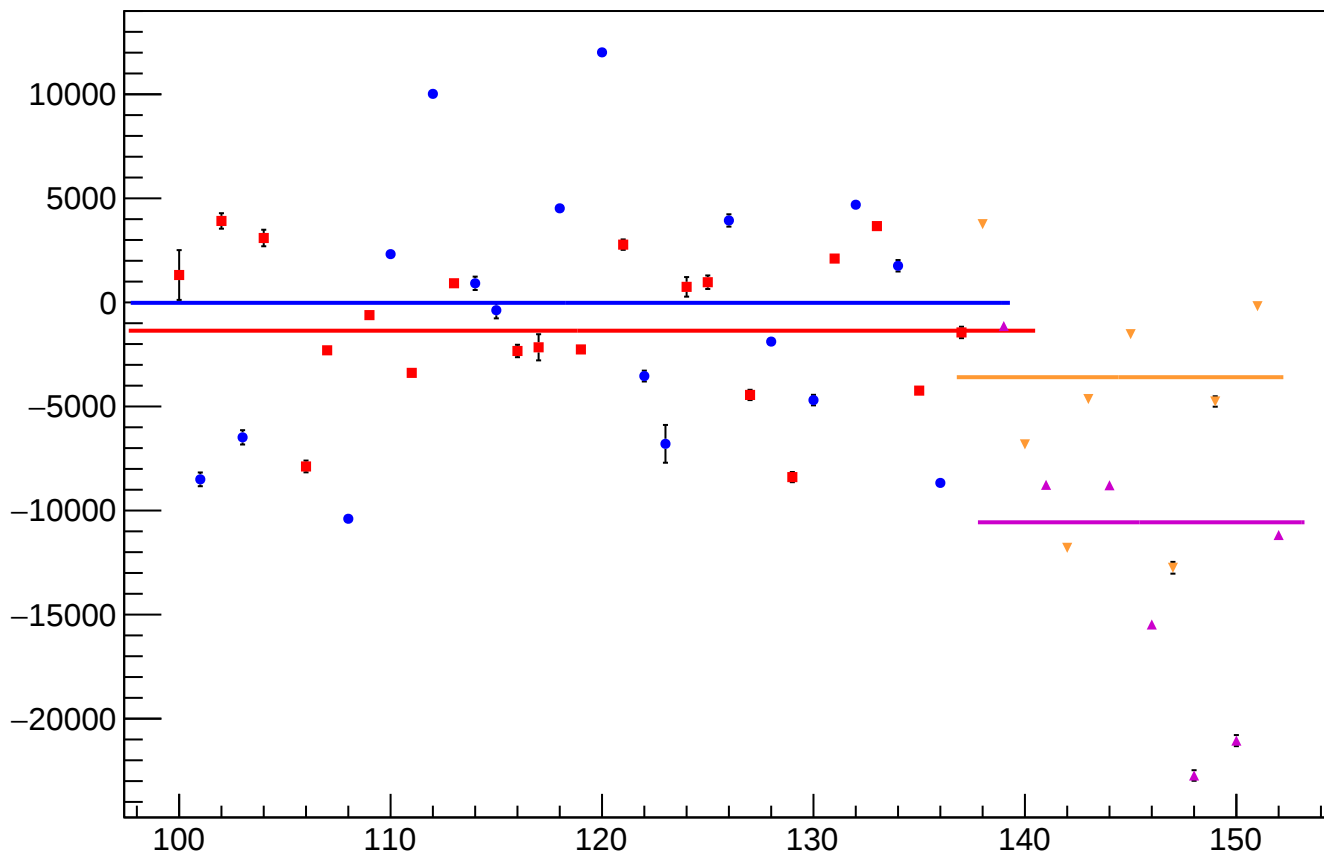
Left In: 104.393 ± 0.031 $\chi^2/\text{NDF}: 69863.4/6$

98.866 ± 0.021 $\chi^2/\text{NDF}: 941364.0/24$

98.973 ± 0.015 $\chi^2/\text{NDF}: 1920671.3/51$

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: -3593.112 ± 70.745 $\chi^2/\text{NDF}: 5261.9/7$

Right Out: -1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

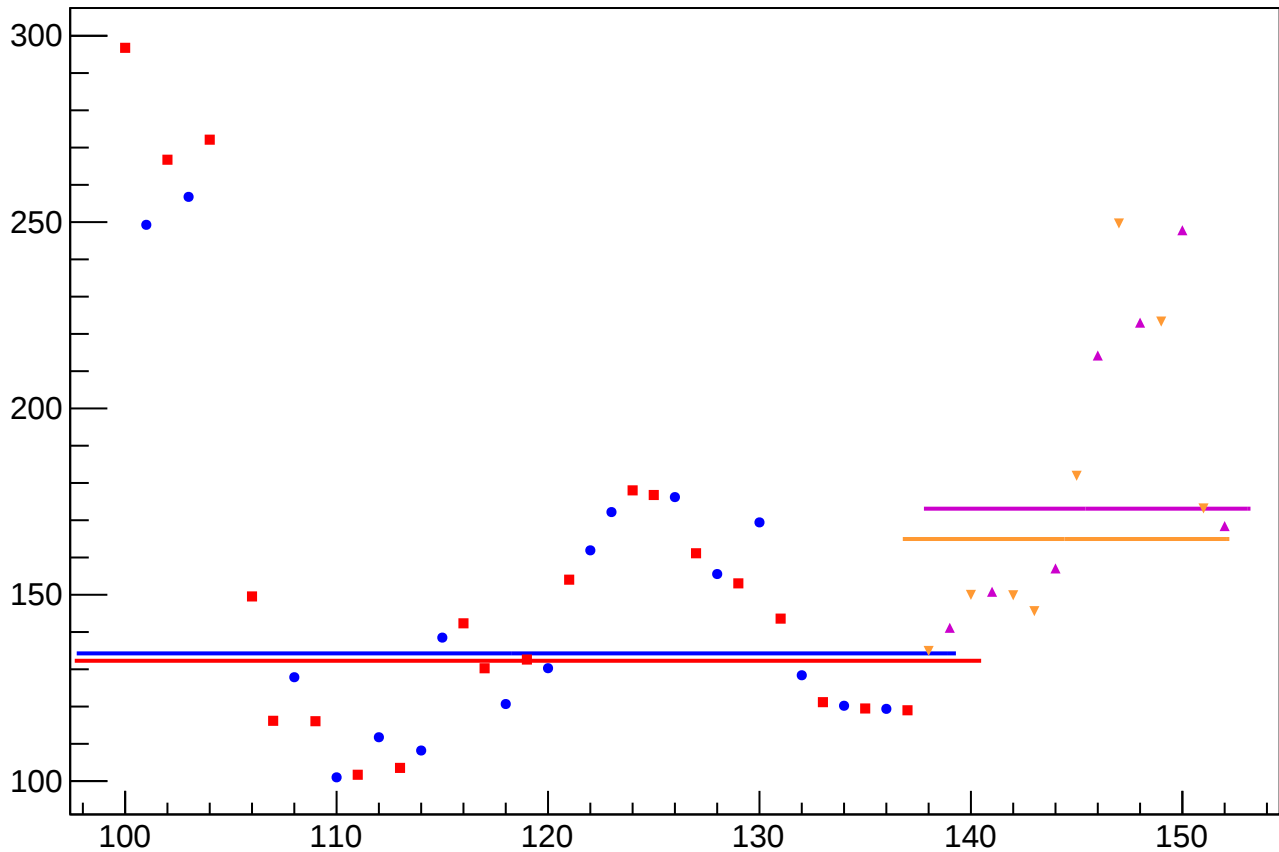
Left In: -10564.928 ± 74.955 $\chi^2/\text{NDF}: 7432.5/6$

-1355.156 ± 43.245 $\chi^2/\text{NDF}: 23220.7/24$

-2874.447 ± 30.430 $\chi^2/\text{NDF}: 47096.7/51$

-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: 164.963+/-0.050 χ^2/NDF : 423598.7/7

Right Out: 132.288+/-0.037 χ^2/NDF : 869913.4/19

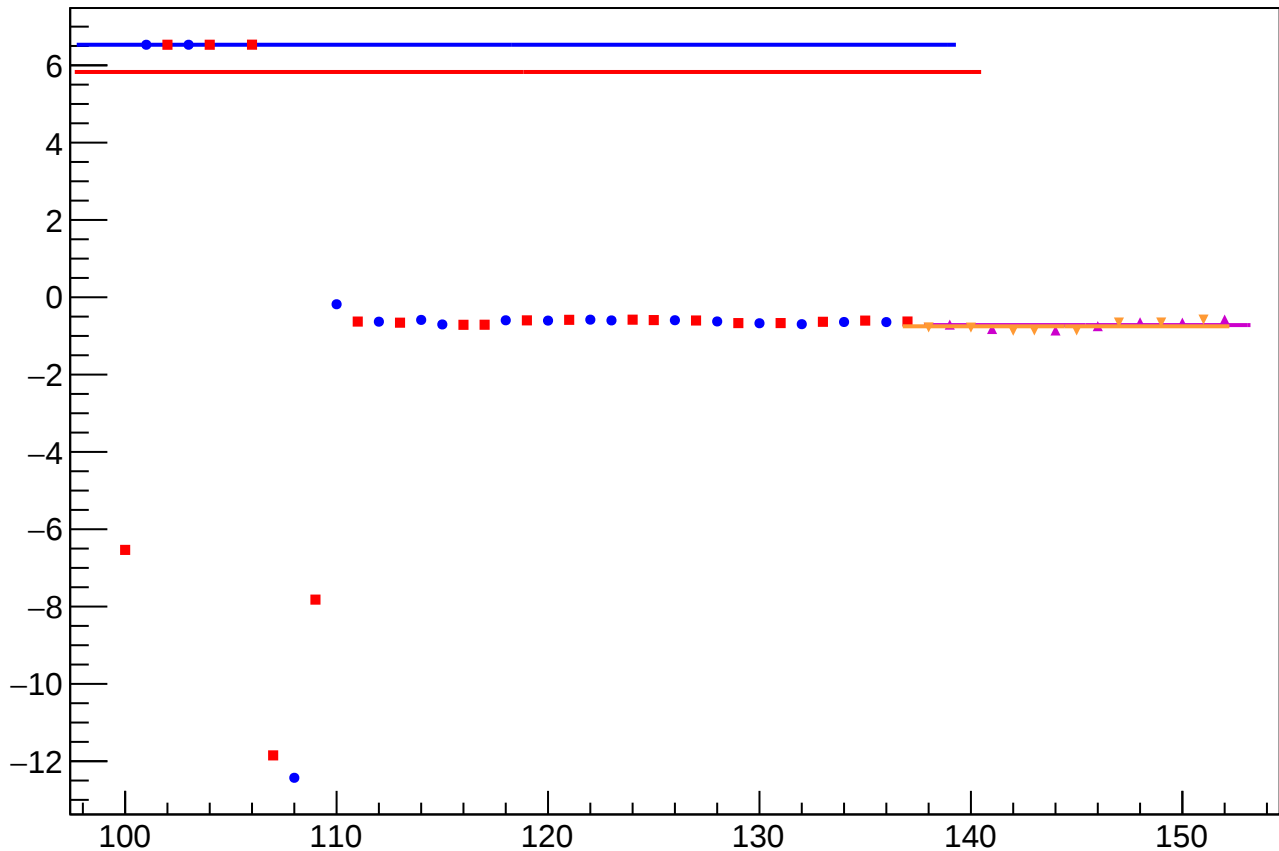
Left In: 173.101+/-0.053 χ^2/NDF : 416105.5/6

145.737+/-0.031 χ^2/NDF : 1448068.5/24

145.674+/-0.022 χ^2/NDF : 3133459.8/51

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: -0.751+/-0.000 χ^2/NDF : 64119747.6/7

Right Out: 5.827+/-0.000 χ^2/NDF : 755949520765363.8/19

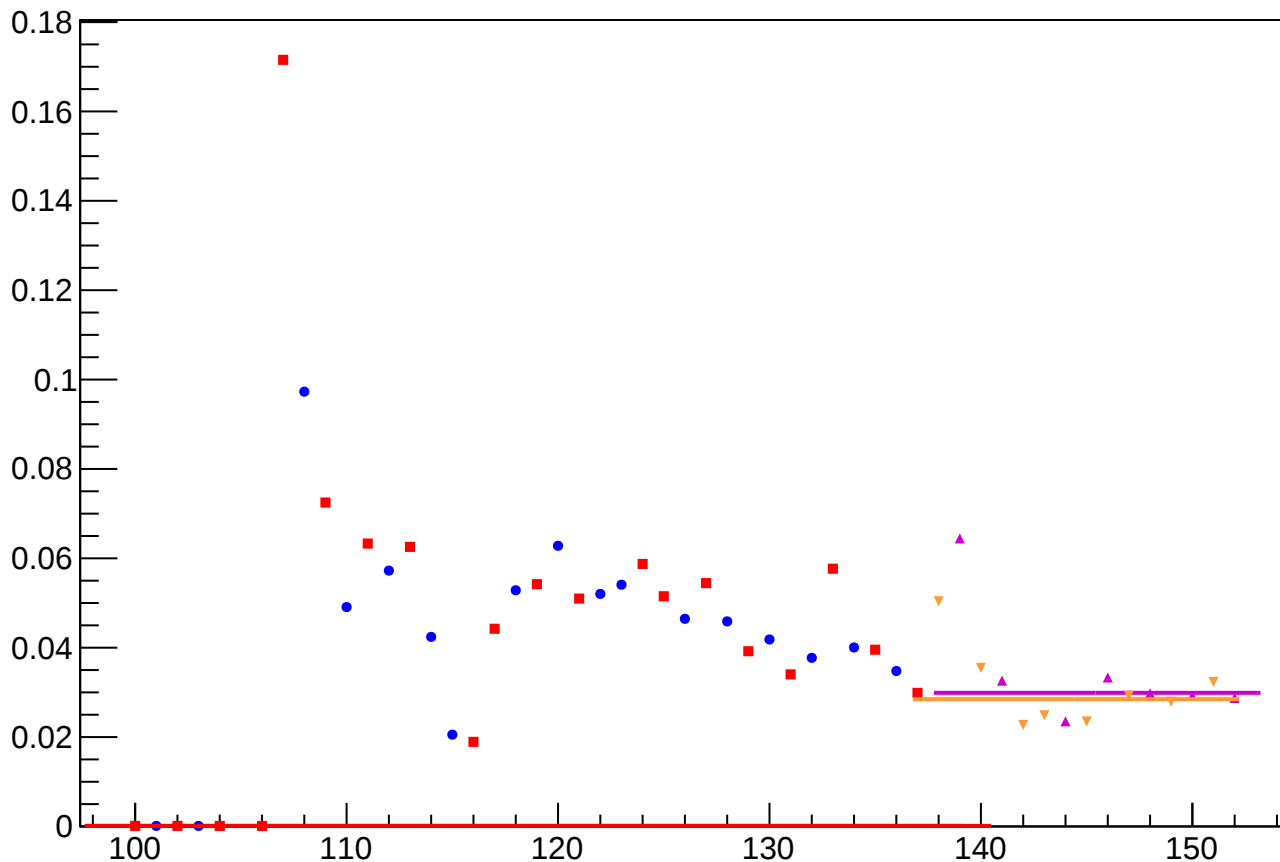
Left In: -0.719+/-0.000 χ^2/NDF : 52121609.8/6

6.531+/-0.000 χ^2/NDF : 408206691816.2/24

6.154+/-0.000 χ^2/NDF : 77656142008886

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: 0.028+/-0.000 χ^2/NDF : 399196.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

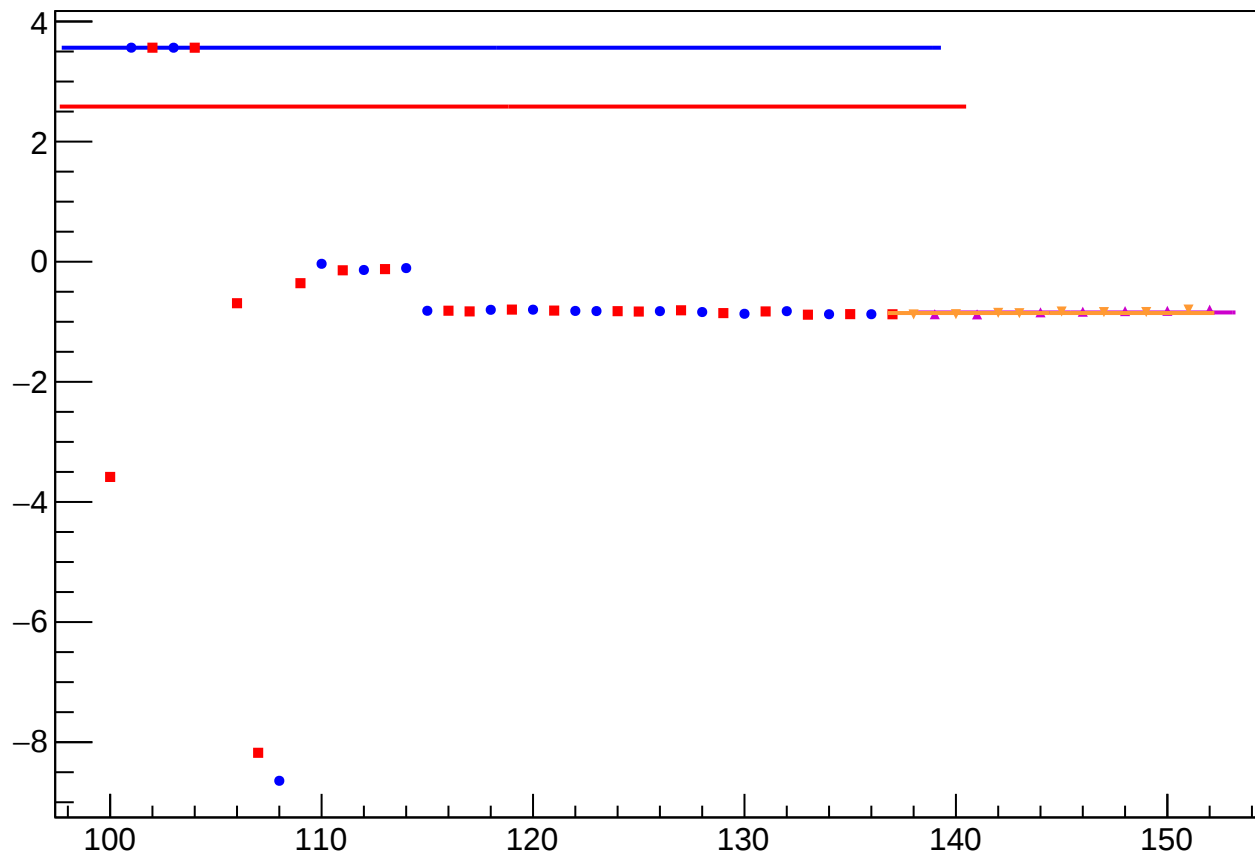
Left In: 0.030+/-0.000 χ^2/NDF : 493804.7/6

0.000+/-0.000 χ^2/NDF : 17925401.4/24

0.000+/-0.000 χ^2/NDF : 36452320.6/51

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: -0.854+/-0.000 χ^2/NDF : 29193130.2/7

Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

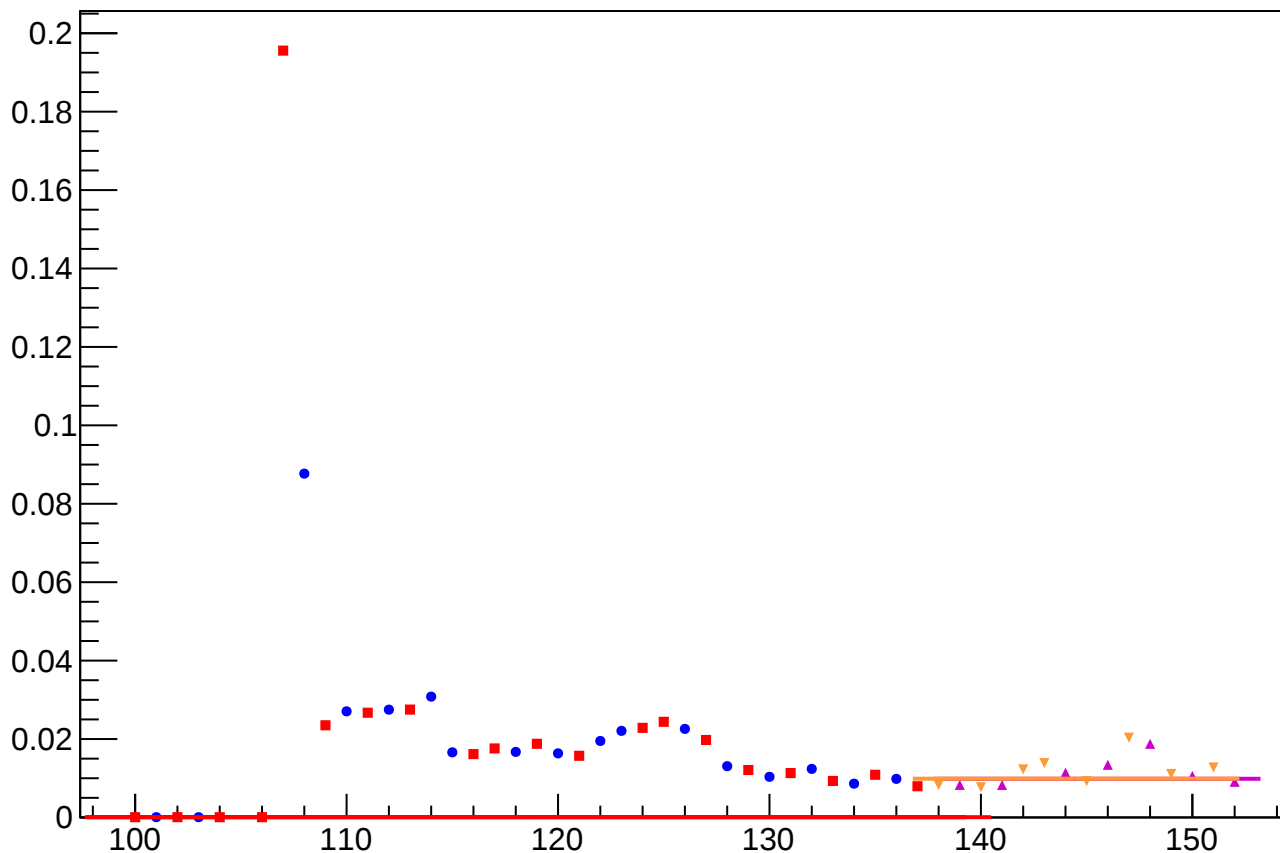
Left In: -0.845+/-0.000 χ^2/NDF : 44655283.7/6

3.563+/-0.000 χ^2/NDF : 1350067850923.8/24

3.040+/-0.000 χ^2/NDF : 13836188201984

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 : 707582.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

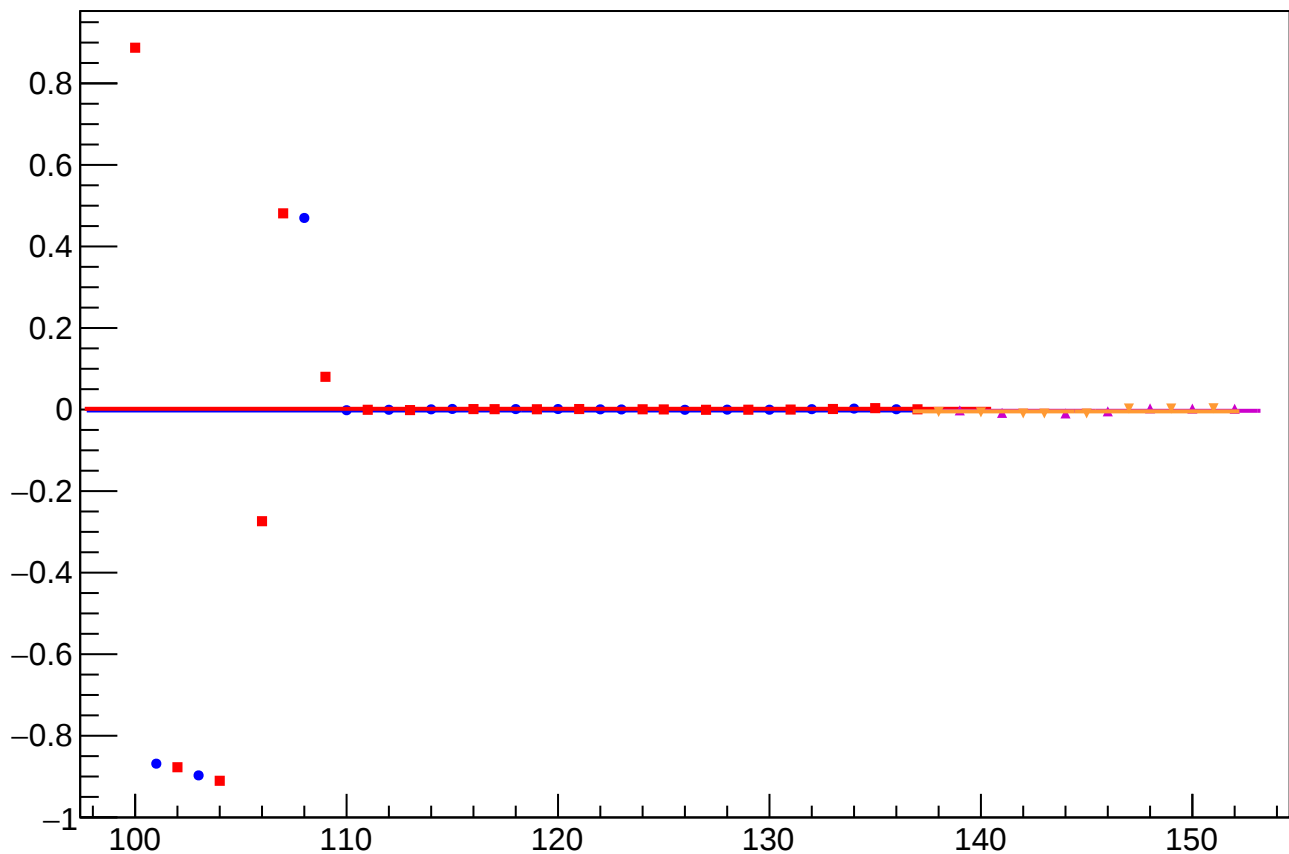
Left In: 0.010+/-0.000 χ^2/NDF : 531996.8/6

0.000+/-0.000 χ^2/NDF : 19079026.2/24

0.000+/-0.000 χ^2/NDF : 38244850.5/51

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: -0.005+/-0.000 χ^2/NDF : 60621884.9/7

Right Out: 0.002+/-0.000 χ^2/NDF : 3041335141.0/19

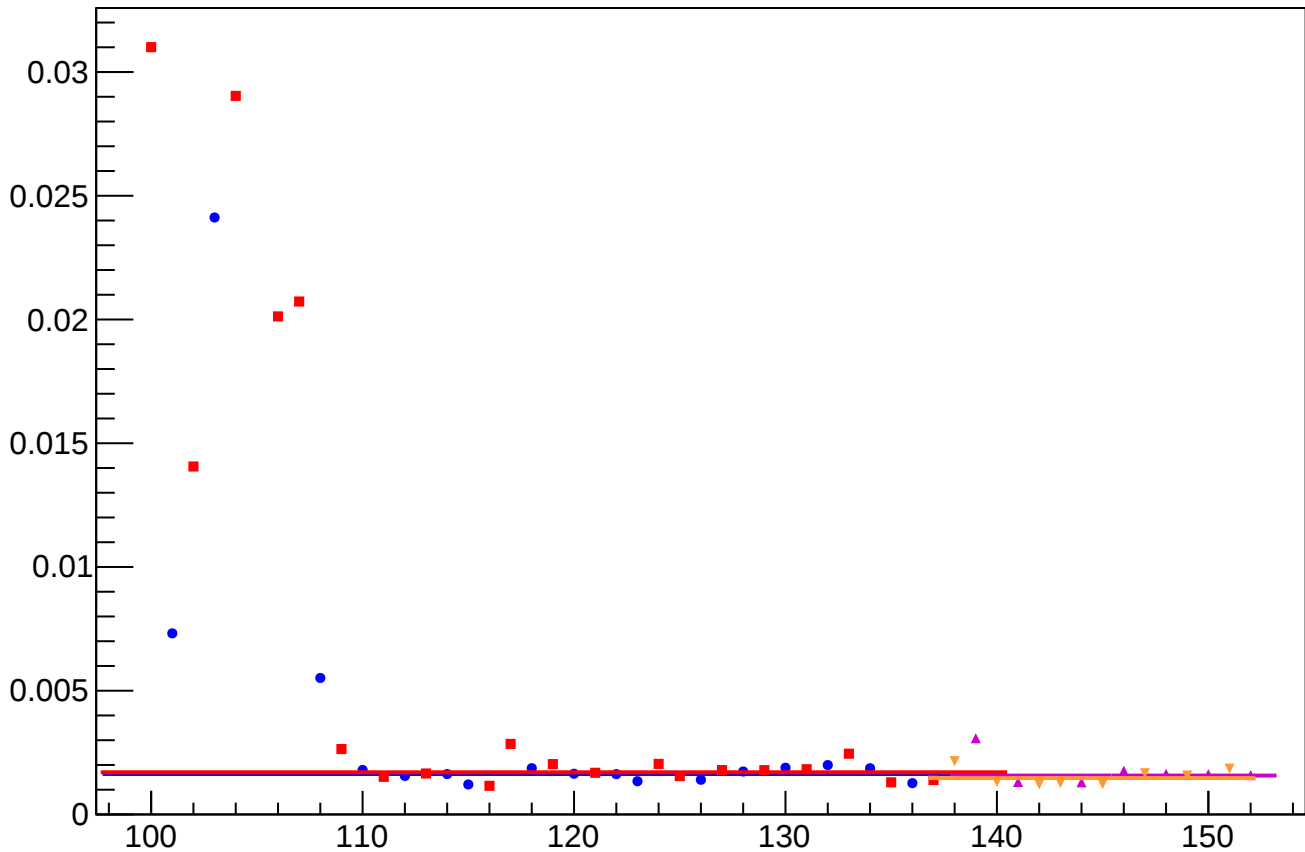
Left In: -0.003+/-0.000 χ^2/NDF : 47916975.7/6

-0.003+/-0.000 χ^2/NDF : 9860596815.7/24

-0.002+/-0.000 χ^2/NDF : 12982582306.3/5

-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 : 304904.8/7

Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

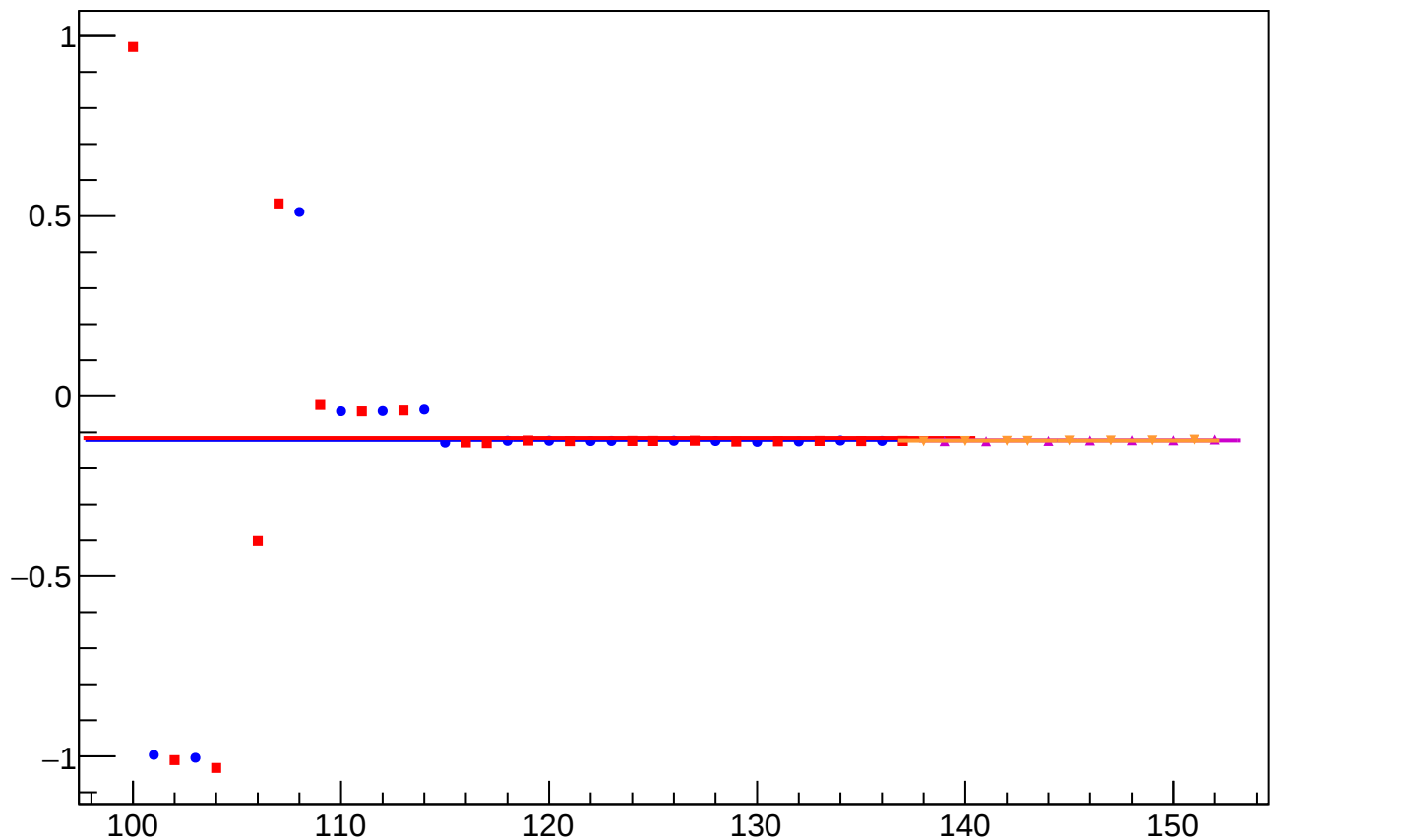
Left In: 0.002+/-0.000 χ^2/NDF : 444476.6/6

0.002+/-0.000 χ^2/NDF : 2274641.0/24

0.002+/-0.000 χ^2/NDF : 5812424.3/51

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 : 6342708.5/7

Right Out: -0.115+/-0.000 χ^2/NDF : 2458720596.9/19

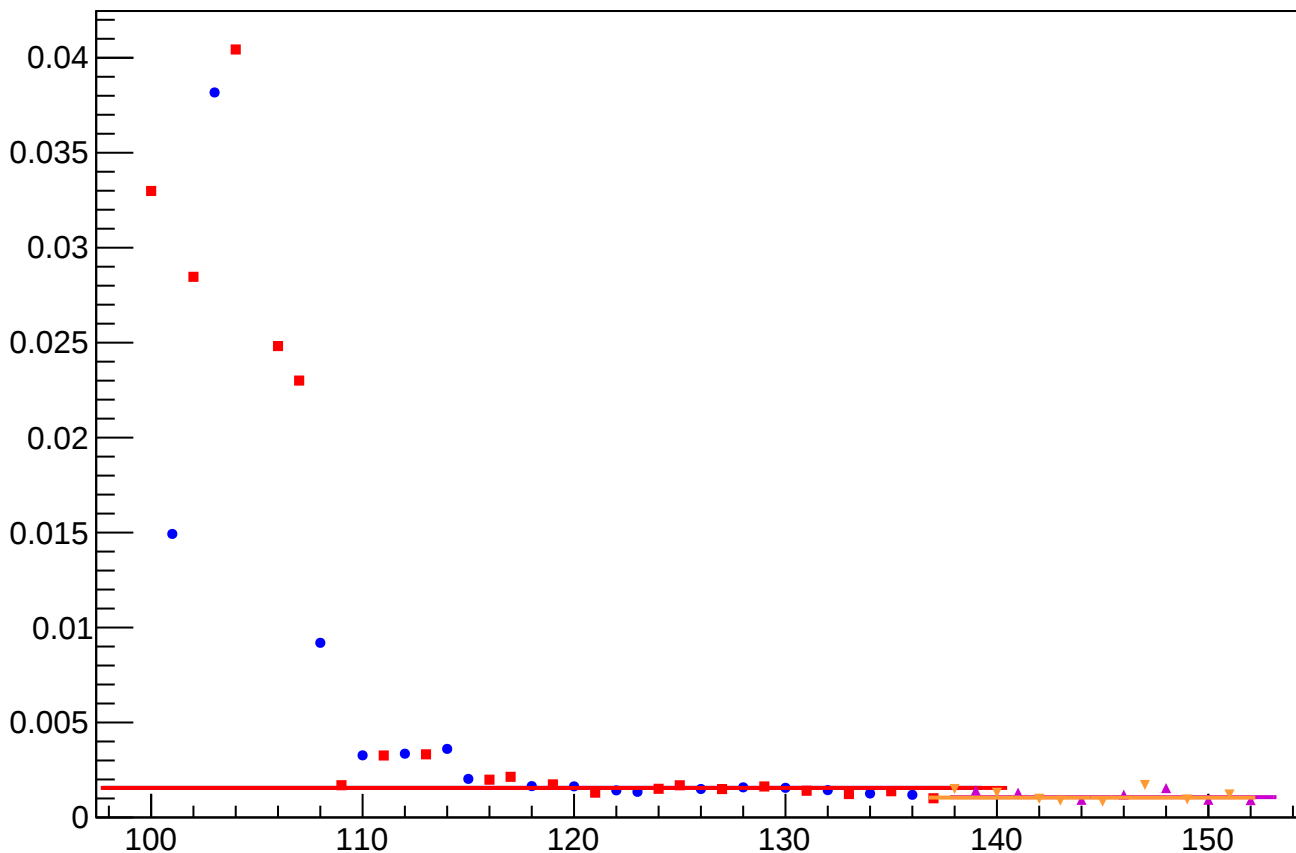
Left In: -0.122+/-0.000 χ^2/NDF : 11472207.5/6

-0.122+/-0.000 χ^2/NDF : 3943926829.1/24

-0.121+/-0.000 χ^2/NDF : 6478483767.7/5

-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: 588862.5/7

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3544377.2/19

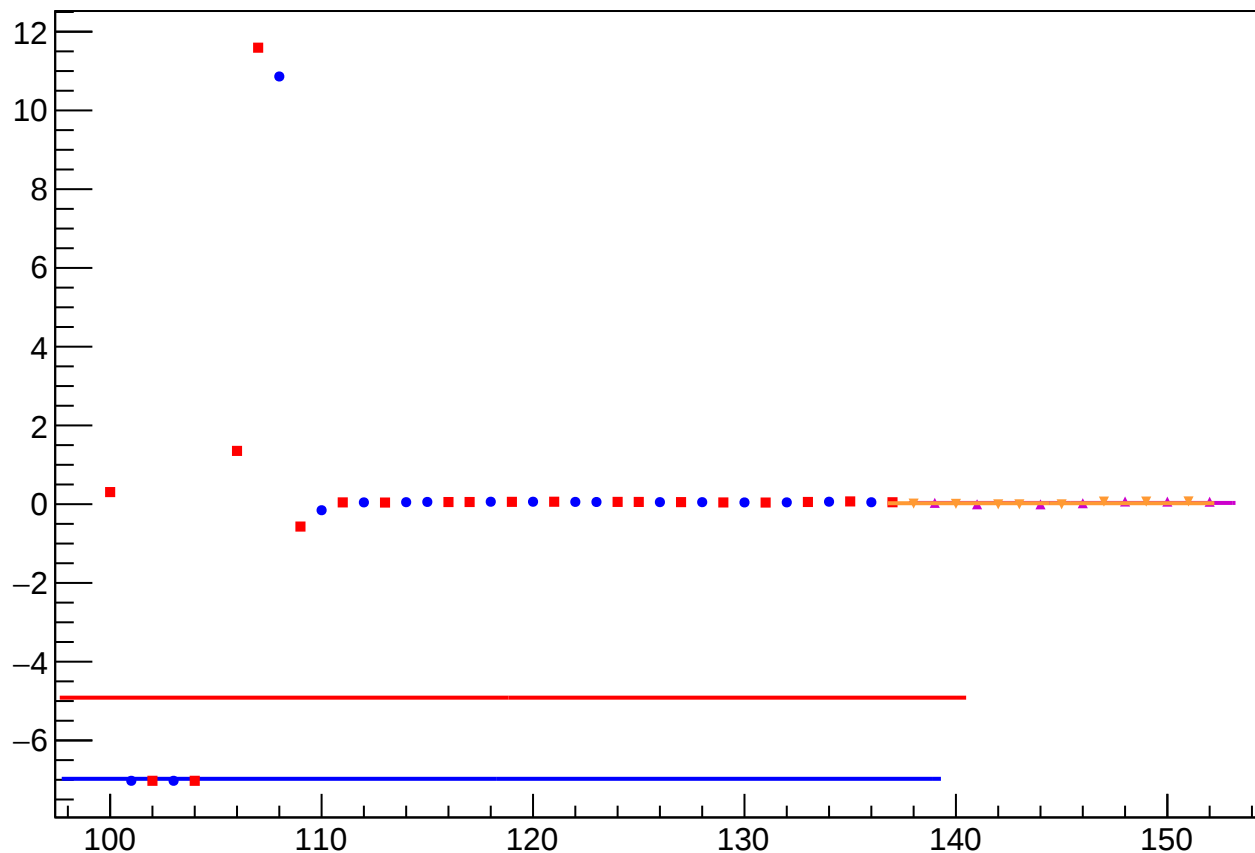
Left In: 0.001 $\pm$ 0.000 χ^2 /NDF: 405364.2/6

0.001 $\pm$ 0.000 χ^2 /NDF: 4197097.1/24

0.001 $\pm$ 0.000 χ^2 /NDF: 8777099.1/51

0.001 $\pm$ 0.000 χ^2 /NDF: 4577498.3/26

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975 $\pm$ 0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.024 $\pm$ 0.000 χ^2/NDF : 60347437.4/7

Right Out: -4.914 $\pm$ 0.000 χ^2/NDF : 365366243956054.8/19

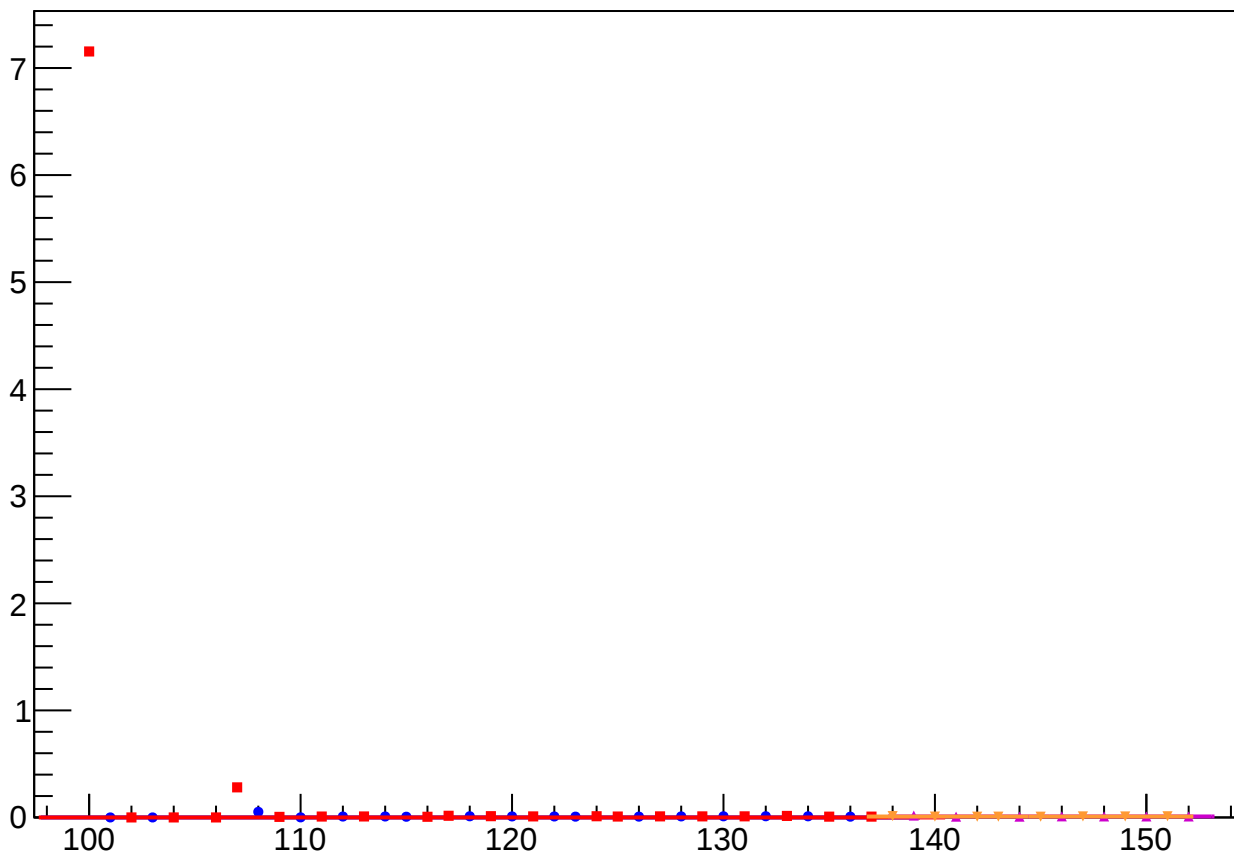
Left In: 0.032 $\pm$ 0.000 χ^2/NDF : 51388511.2/6

-6.959 $\pm$ 0.000 χ^2/NDF : 11576355548912.6/24

-5.888 $\pm$ 0.000 χ^2/NDF : 4341525238404

-4.905 $\pm$ 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:311516.1/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8880914.4/19

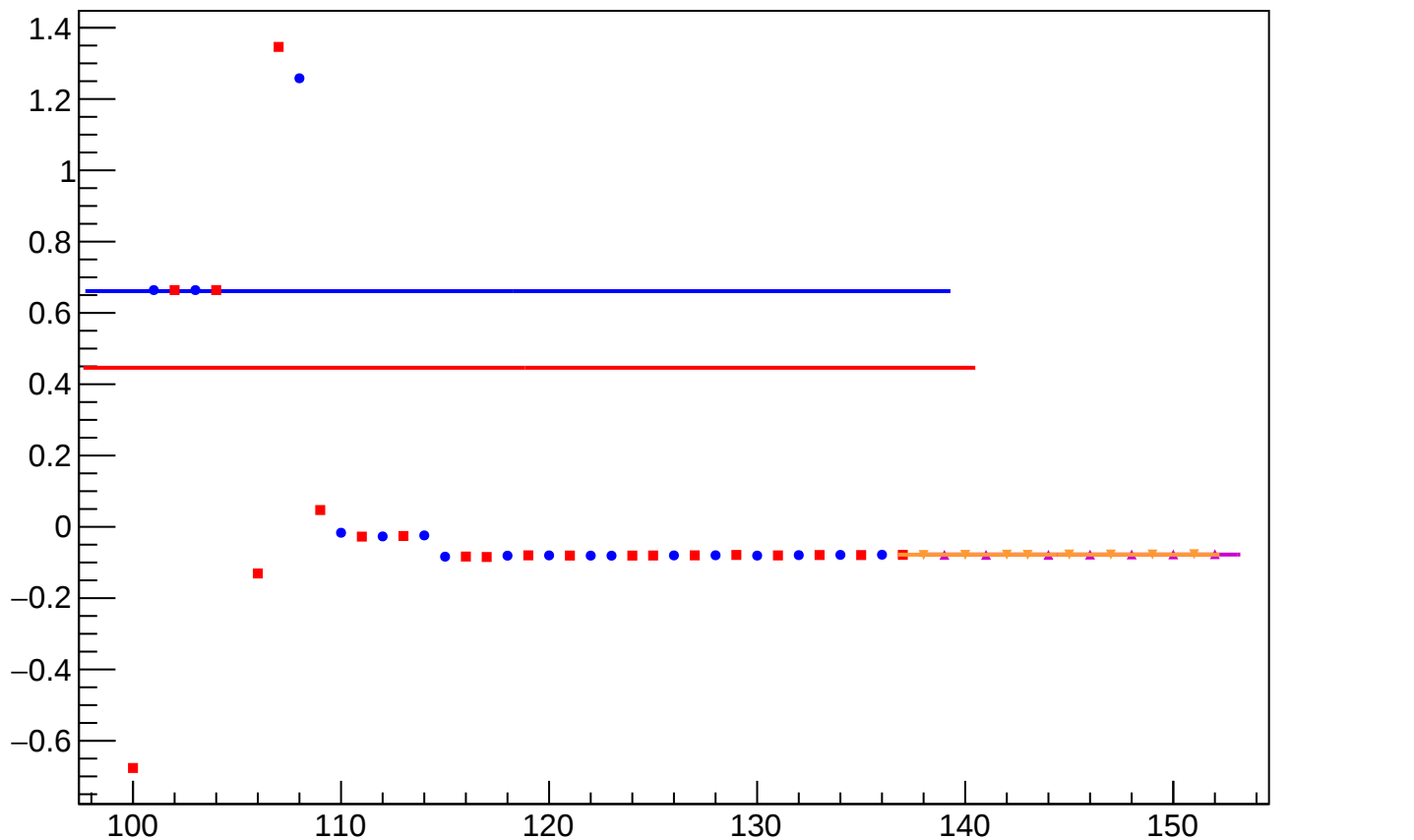
Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:445568.3/6

0.000 $\pm$ 0.000 χ^2 /NDF: 16891793.3/24

0.000 $\pm$ 0.000 χ^2 /NDF: 34587606.2/51

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 : 5989418.5/7

Right Out: 0.446+/-0.000 χ^2/NDF : 405434749783850.4/19

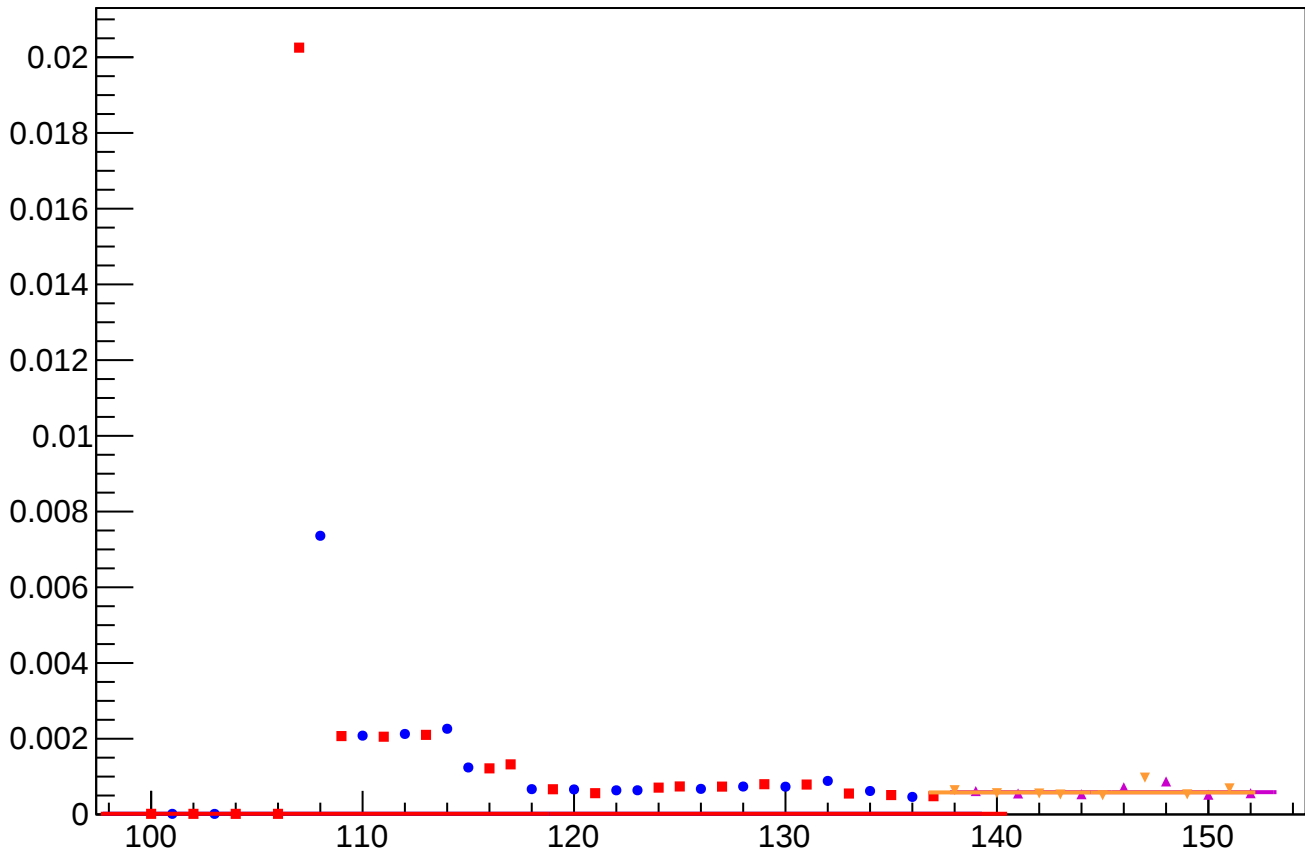
Left In: -0.078+/-0.000 χ^2/NDF : 7826742.8/6

0.657+/-0.000 χ^2/NDF : 14161084222366.6/24

0.545+/-0.000 χ^2/NDF : 48612034651472

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 : 352881.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 9575039.3/19

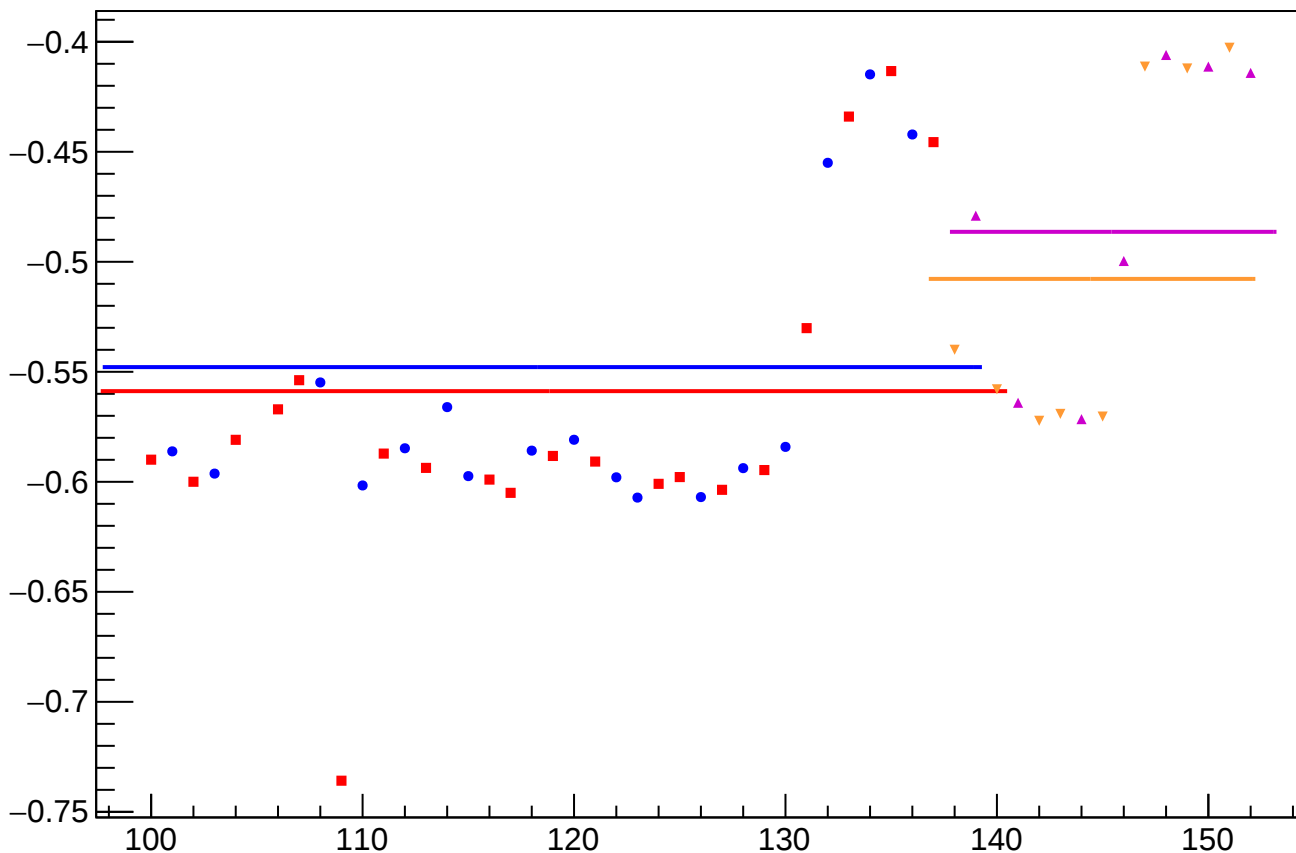
Left In: 0.001+/-0.000 χ^2/NDF : 267375.7/6

0.000+/-0.000 χ^2/NDF : 20216070.2/24

0.000+/-0.000 χ^2/NDF : 39997154.6/51

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: -0.508+/-0.000 χ^2/NDF : 65233408.6/7

Right Out: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

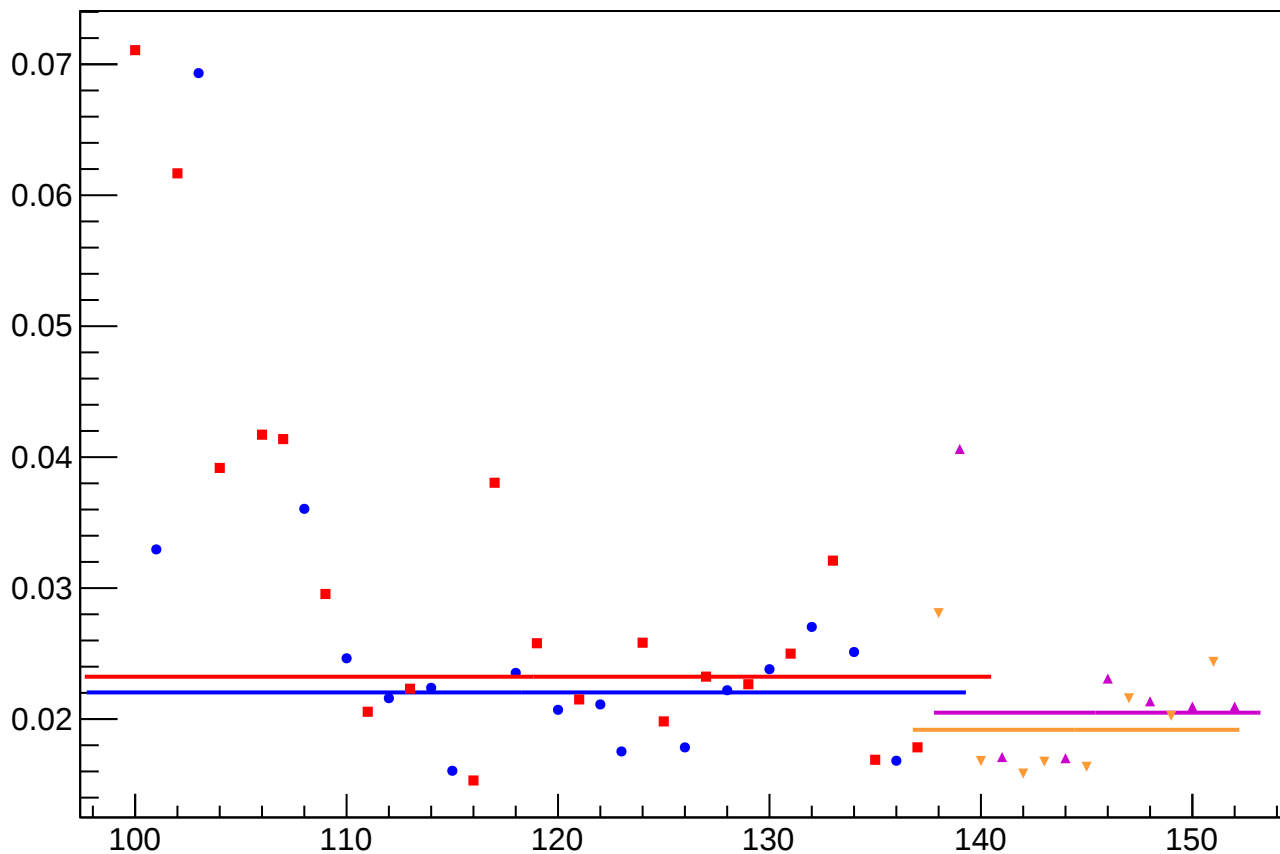
Left In: -0.486+/-0.000 χ^2/NDF : 54303872.0/6

-0.527+/-0.000 χ^2/NDF : 122679380.8/24

-0.524+/-0.000 χ^2/NDF : 269598905.4/51

-0.522+/-0.000 χ^2/NDF : 146654670.2/26

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 958966.6/16

Left Out: 0.019+/-0.000 χ^2/NDF : 299720.3/7

Right Out: 0.023+/-0.000 χ^2/NDF : 1169205.3/19

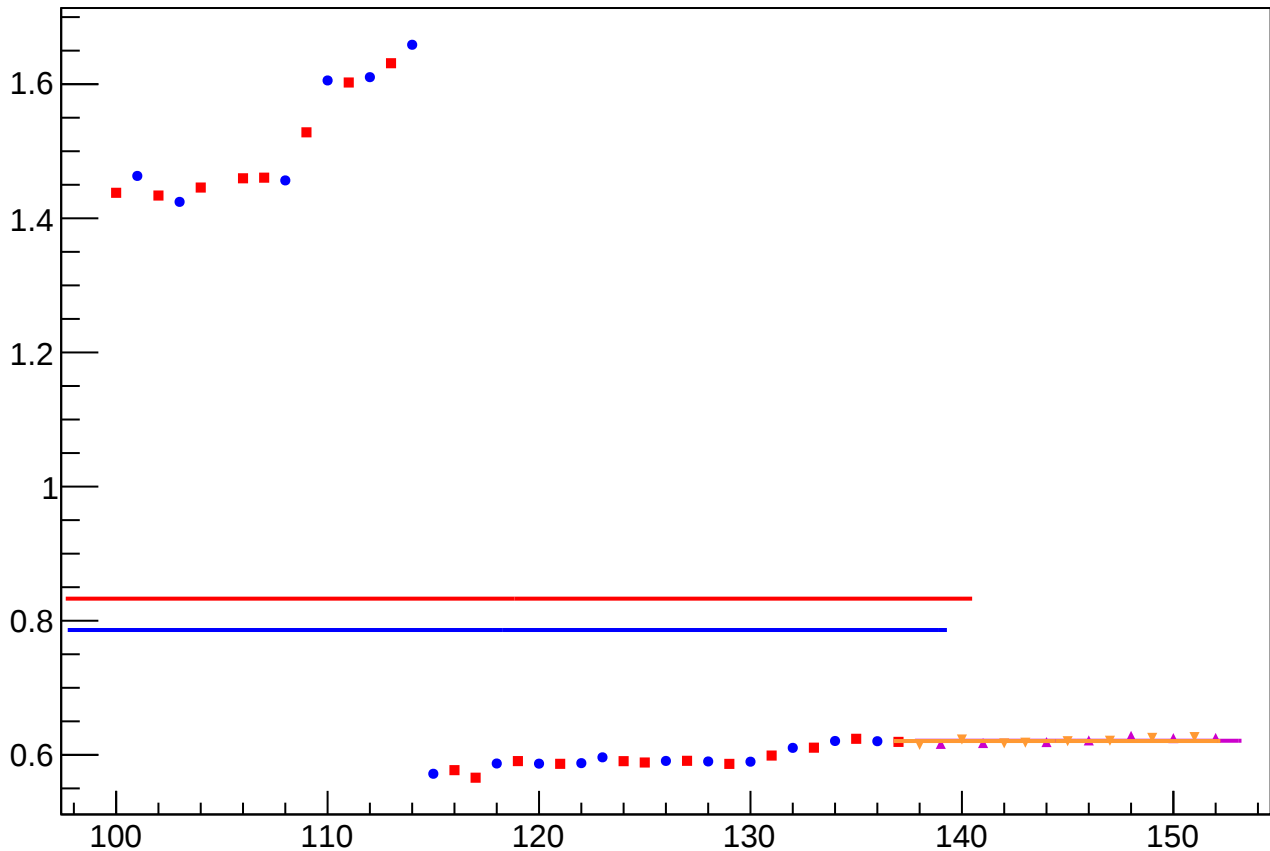
Left In: 0.020+/-0.000 χ^2/NDF : 449705.2/6

0.021+/-0.000 χ^2/NDF : 1348436.2/24

0.021+/-0.000 χ^2/NDF : 3079477.0/51

0.022+/-0.000 χ^2/NDF : 1695531.7/26

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.786 $\pm$ 0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.621 $\pm$ 0.000 χ^2/NDF : 452675.0/7

Right Out: 0.833 $\pm$ 0.000 χ^2/NDF : 4160348649.7/19

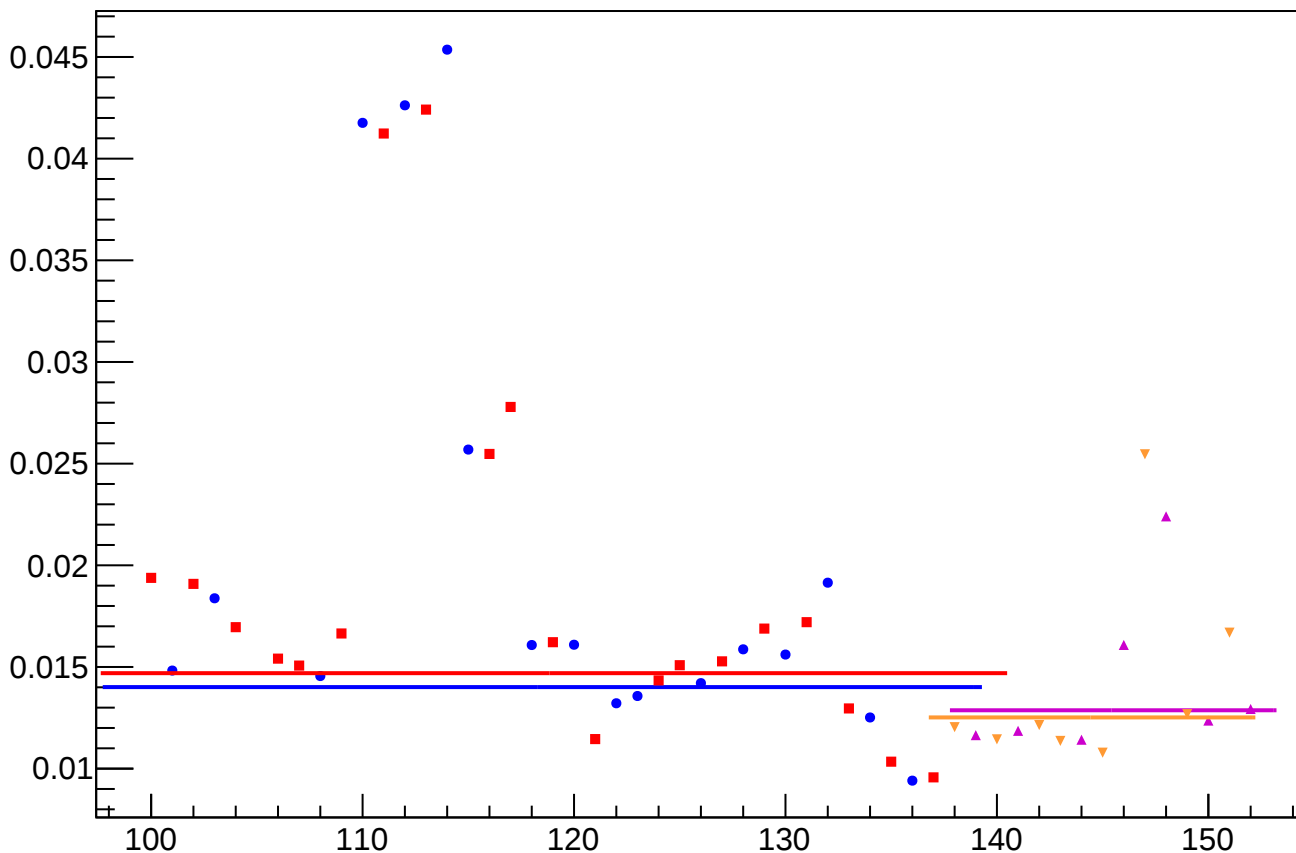
Left In: 0.621 $\pm$ 0.000 χ^2/NDF : 450878.3/6

0.697 $\pm$ 0.000 χ^2/NDF : 4015344815.4/24

0.709 $\pm$ 0.000 χ^2/NDF : 8860074294.6/51

0.720 $\pm$ 0.000 χ^2/NDF : 4828916429.4/26

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1404865.3/16

Left Out: 0.013+/-0.000 χ^2/NDF : 541250.7/7

Right Out: 0.015+/-0.000 χ^2/NDF : 1280473.4/19

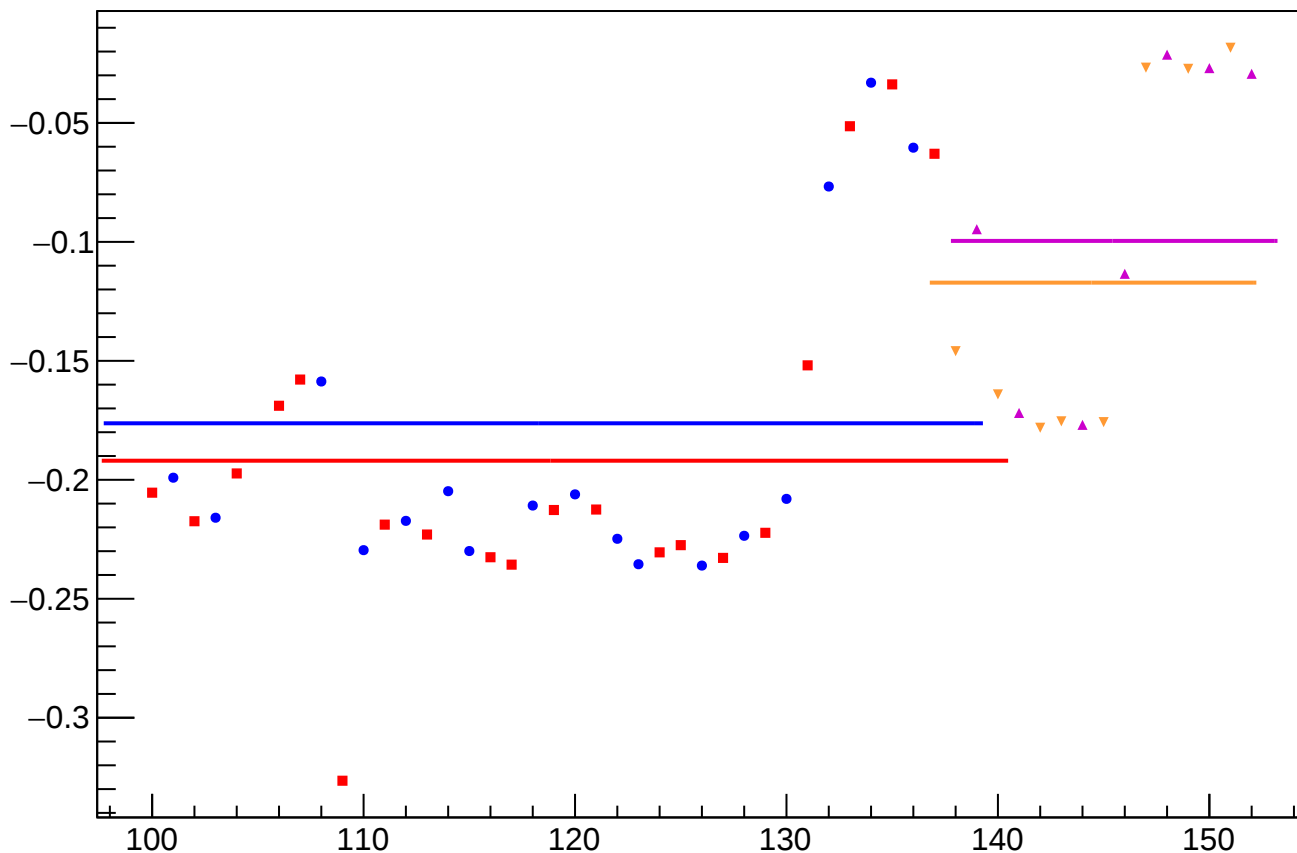
Left In: 0.013+/-0.000 χ^2/NDF : 389184.8/6

0.013+/-0.000 χ^2/NDF : 2015105.7/24

0.013+/-0.000 χ^2/NDF : 3800017.7/51

0.014+/-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: -0.117+/-0.000 χ^2/NDF : 63392779.3/7

Right Out: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

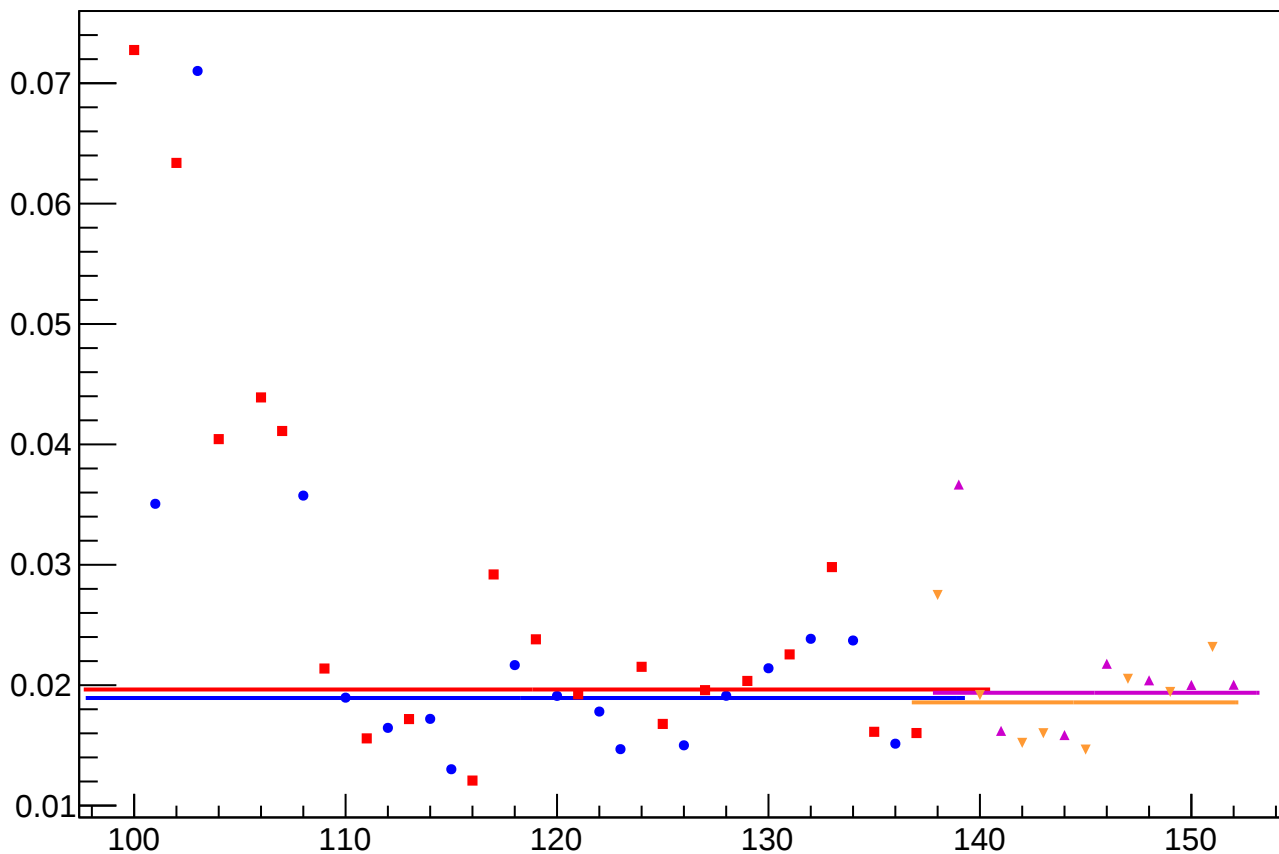
Left In: -0.100+/-0.000 χ^2/NDF : 54521127.4/6

-0.148+/-0.000 χ^2/NDF : 156709381.0/24

-0.149+/-0.000 χ^2/NDF : 348719462.9/51

-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 : 329699.9/7

Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

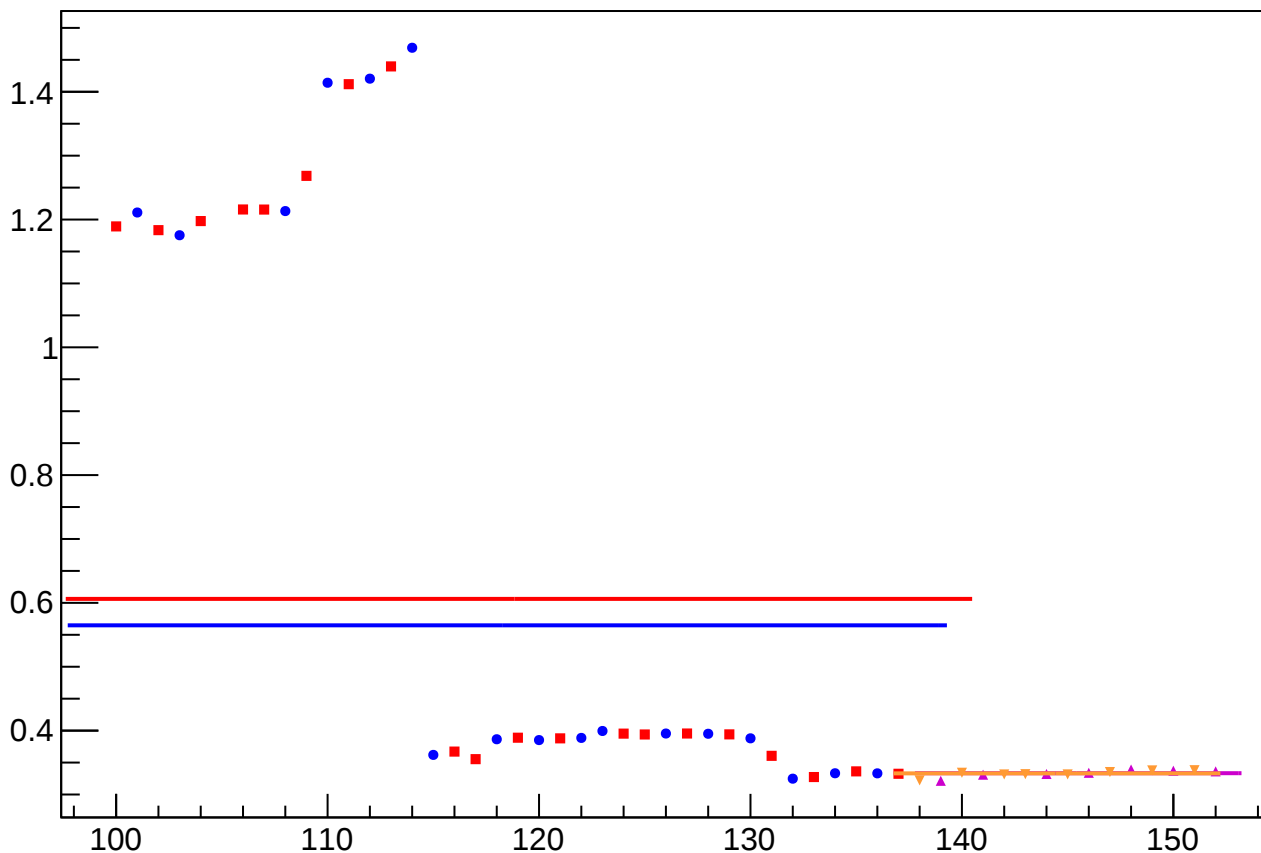
Left In: 0.019+/-0.000 χ^2/NDF : 429598.5/6

0.019+/-0.000 χ^2/NDF : 1537311.6/24

0.019+/-0.000 χ^2/NDF : 3448837.2/51

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: 0.333 $\pm$ 0.000 χ^2 /NDF: 792737.2/7

Right Out: 0.606 $\pm$ 0.000 χ^2 /NDF: 5517630064.2/19

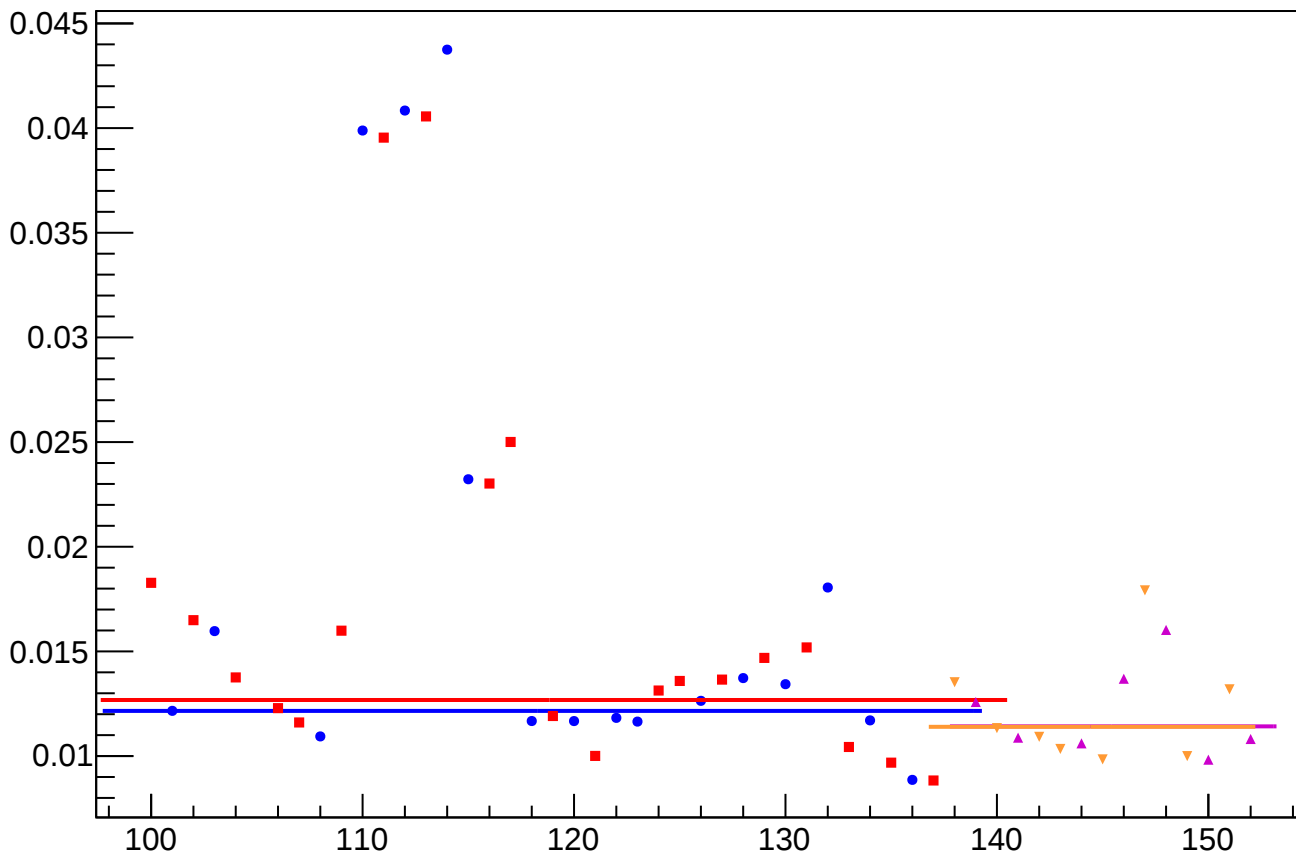
Left In: 0.333 $\pm$ 0.000 χ^2 /NDF: 929899.3/6

0.445 $\pm$ 0.000 χ^2 /NDF: 6094837807.5/24

0.454 $\pm$ 0.000 χ^2 /NDF: 13068349922.8/5

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 : 342661.8/7

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 1289415.7/19

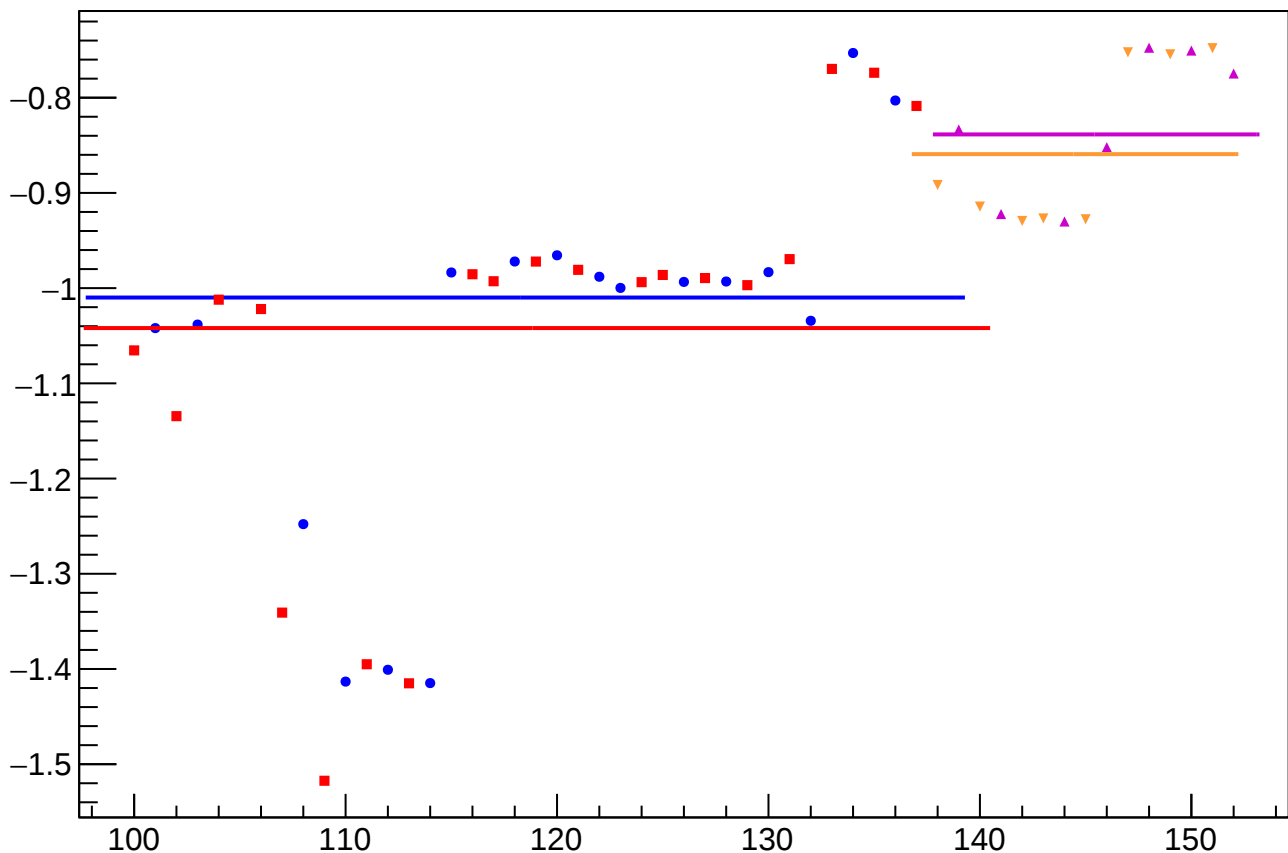
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 242858.7/6

0.012 $\pm$ 0.000 χ^2/NDF : 1675438.7/24

0.012 $\pm$ 0.000 χ^2/NDF : 3274190.8/51

0.012 $\pm$ 0.000 χ^2/NDF : 1593805.0/26

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.010+/-0.000 χ^2/NDF : 387650332.0/16

Left Out: -0.859+/-0.000 χ^2/NDF : 81276660.0/7

Right Out: -1.042+/-0.000 χ^2/NDF : 530175104.2/19

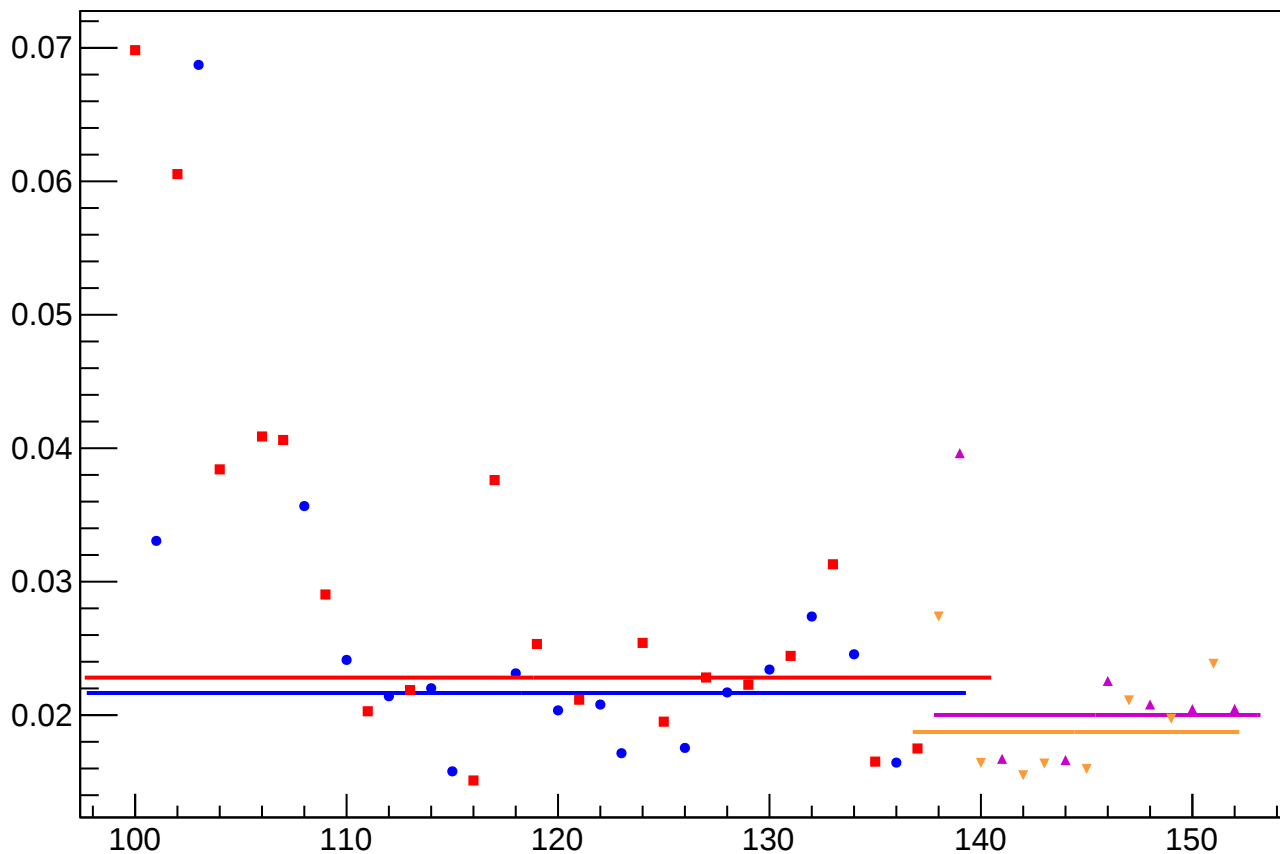
Left In: -0.839+/-0.000 χ^2/NDF : 66134555.6/6

-0.930+/-0.000 χ^2/NDF : 599100898.2/24

-0.934+/-0.000 χ^2/NDF : 1414726953.5/5

-0.937+/-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 : 299046.8/7

Right Out: 0.023+/-0.000 χ^2/NDF : 1165116.5/19

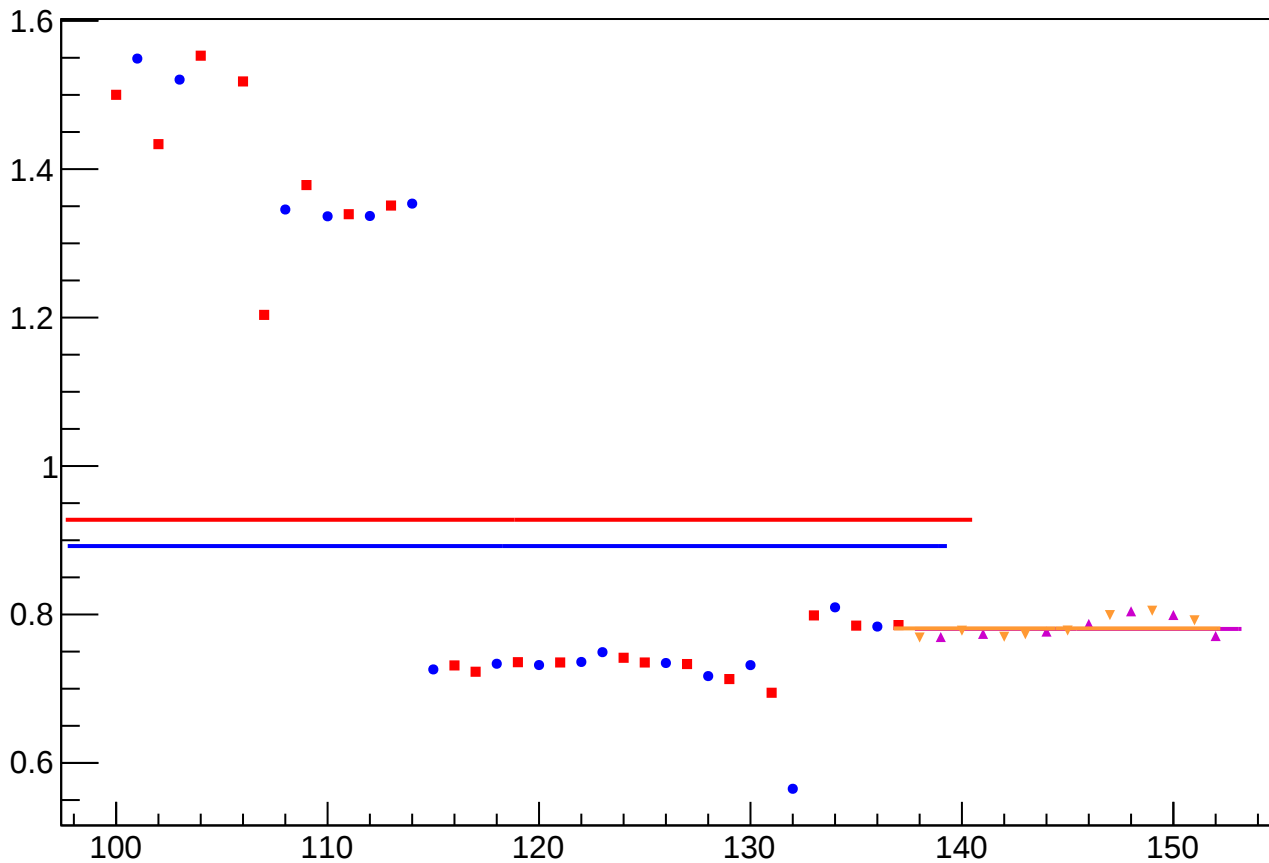
Left In: 0.020+/-0.000 χ^2/NDF : 447195.4/6

0.020+/-0.000 χ^2/NDF : 1380524.3/24

0.021+/-0.000 χ^2/NDF : 3110688.2/51

0.021+/-0.000 χ^2/NDF : 1695269.2/26

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.892+/-0.000 χ^2/NDF : 2413732173.6/16

Left Out: 0.781+/-0.000 χ^2/NDF : 4955369.6/7

Right Out: 0.928+/-0.000 χ^2/NDF : 2439574936.7/19

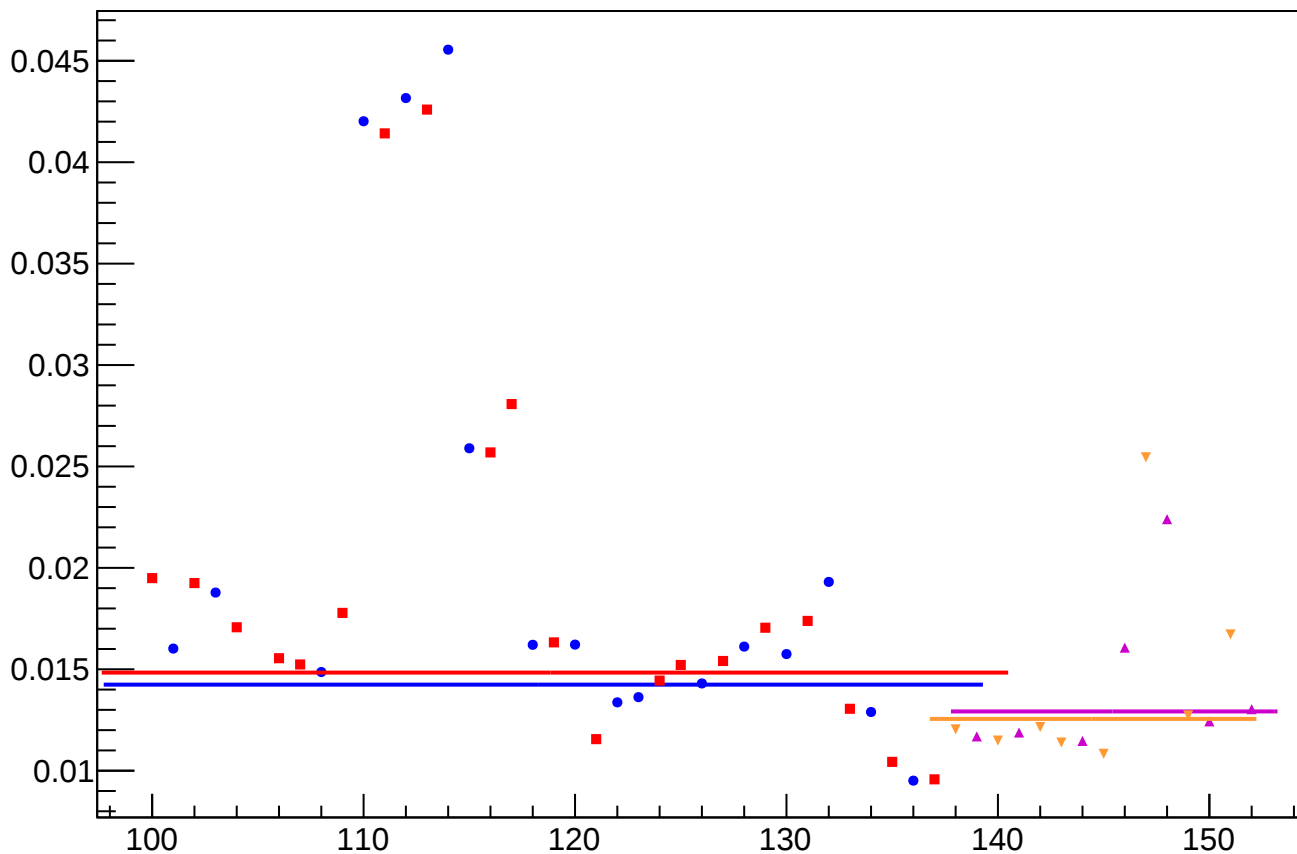
Left In: 0.781+/-0.000 χ^2/NDF : 4275793.3/6

0.832+/-0.000 χ^2/NDF : 2605194007.8/24

0.840+/-0.000 χ^2/NDF : 5374553310.9/51

0.849+/-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 : 537610.5/7

Right Out: 0.015 $\pm$ 0.000 χ^2/NDF : 1291174.0/19

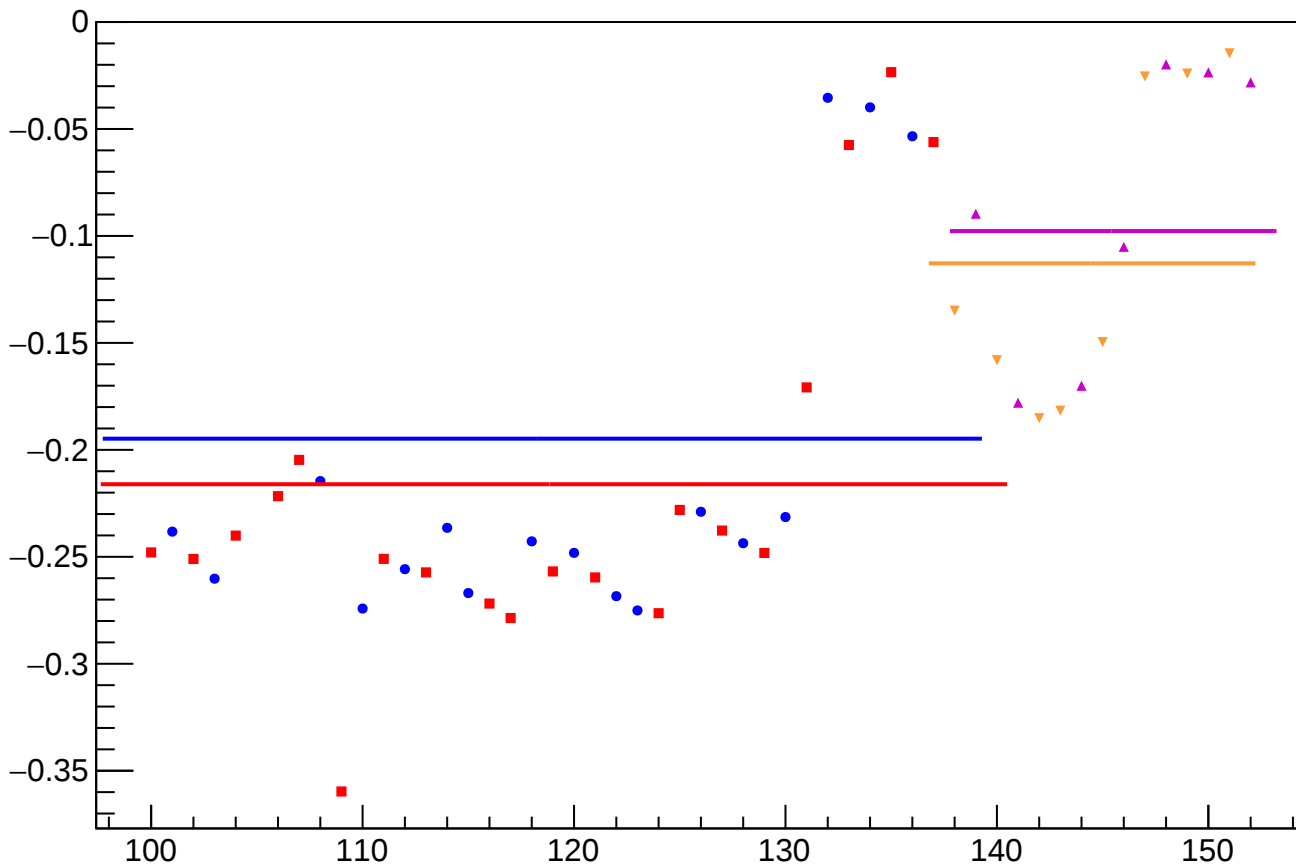
Left In: 0.013 $\pm$ 0.000 χ^2/NDF : 384214.6/6

0.013 $\pm$ 0.000 χ^2/NDF : 2039818.2/24

0.014 $\pm$ 0.000 χ^2/NDF : 3836971.3/51

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: -0.113+/-0.000 χ^2/NDF : 60408748.6/7

Right Out: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

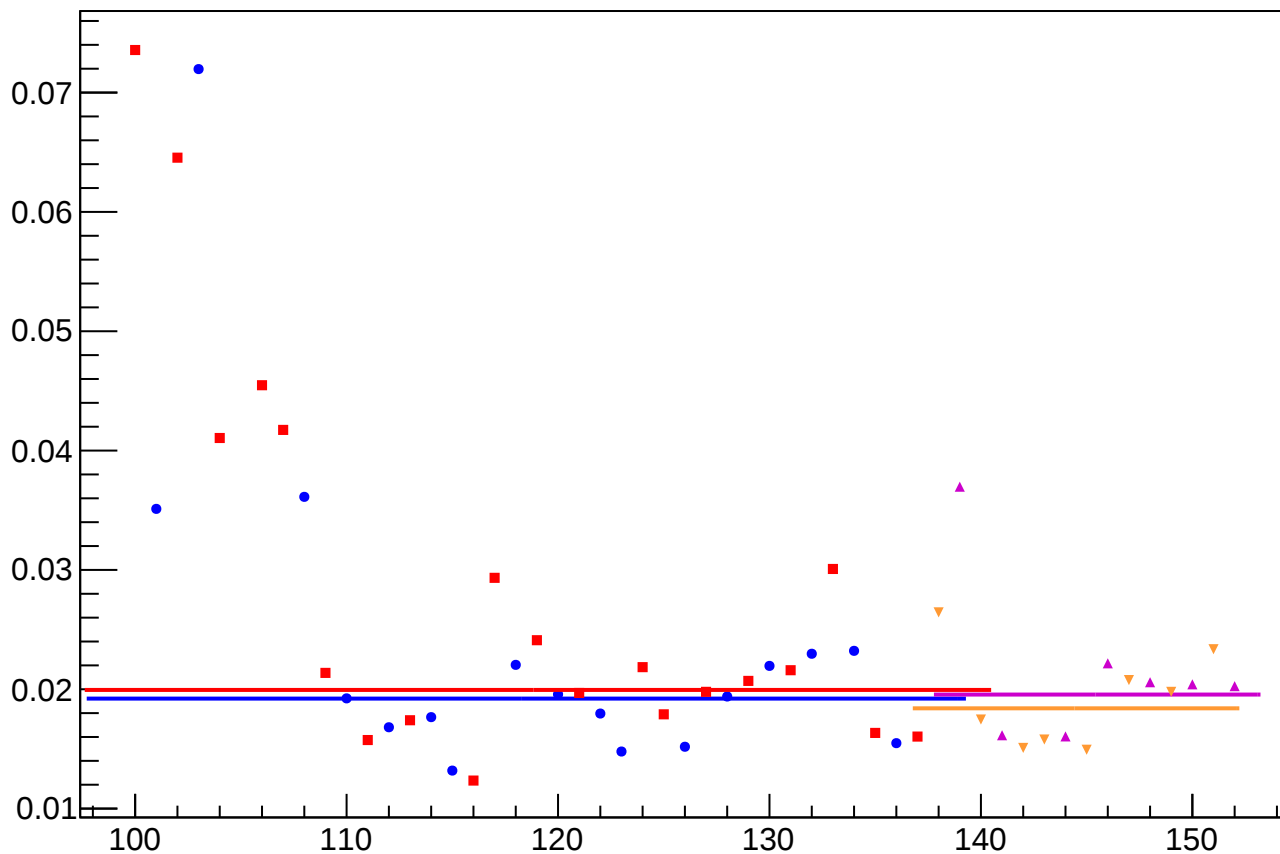
Left In: -0.098+/-0.000 χ^2/NDF : 54449517.1/6

-0.155+/-0.000 χ^2/NDF : 213194691.5/24

-0.158+/-0.000 χ^2/NDF : 465974050.2/51

-0.161+/-0.000 χ^2/NDF : 252359160.6/26

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1177085.4/16

Left Out: 0.018+/-0.000 χ^2/NDF : 312442.5/7

Right Out: 0.020+/-0.000 χ^2/NDF : 1455211.7/19

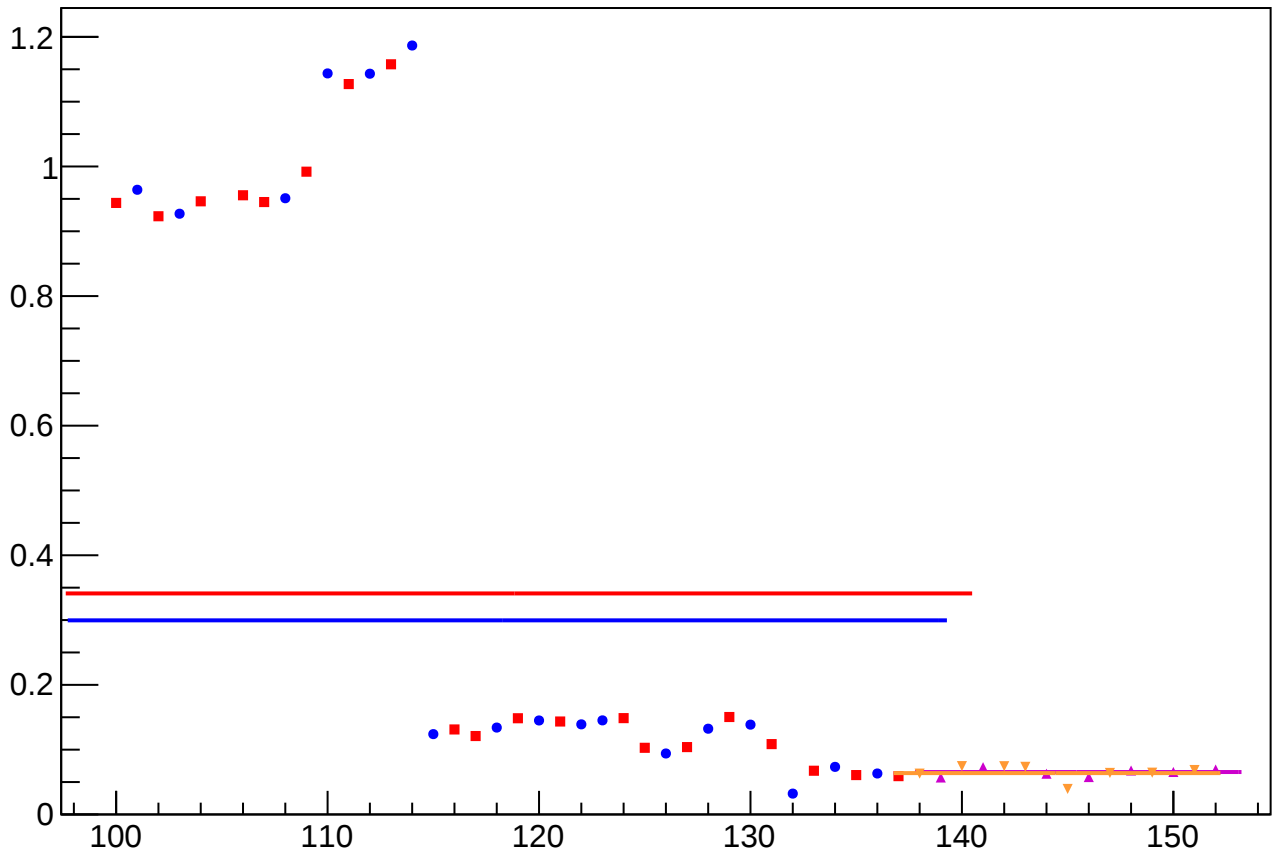
Left In: 0.020+/-0.000 χ^2/NDF : 437739.2/6

0.019+/-0.000 χ^2/NDF : 1498255.2/24

0.019+/-0.000 χ^2/NDF : 3415503.3/51

0.020+/-0.000 χ^2/NDF : 1894792.7/26

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.300 $\pm$ 0.000 χ^2/NDF : 5165052137.6/16

Left Out: 0.064 $\pm$ 0.000 χ^2/NDF : 6422518.3/7

Right Out: 0.341 $\pm$ 0.000 χ^2/NDF : 5453748737.7/19

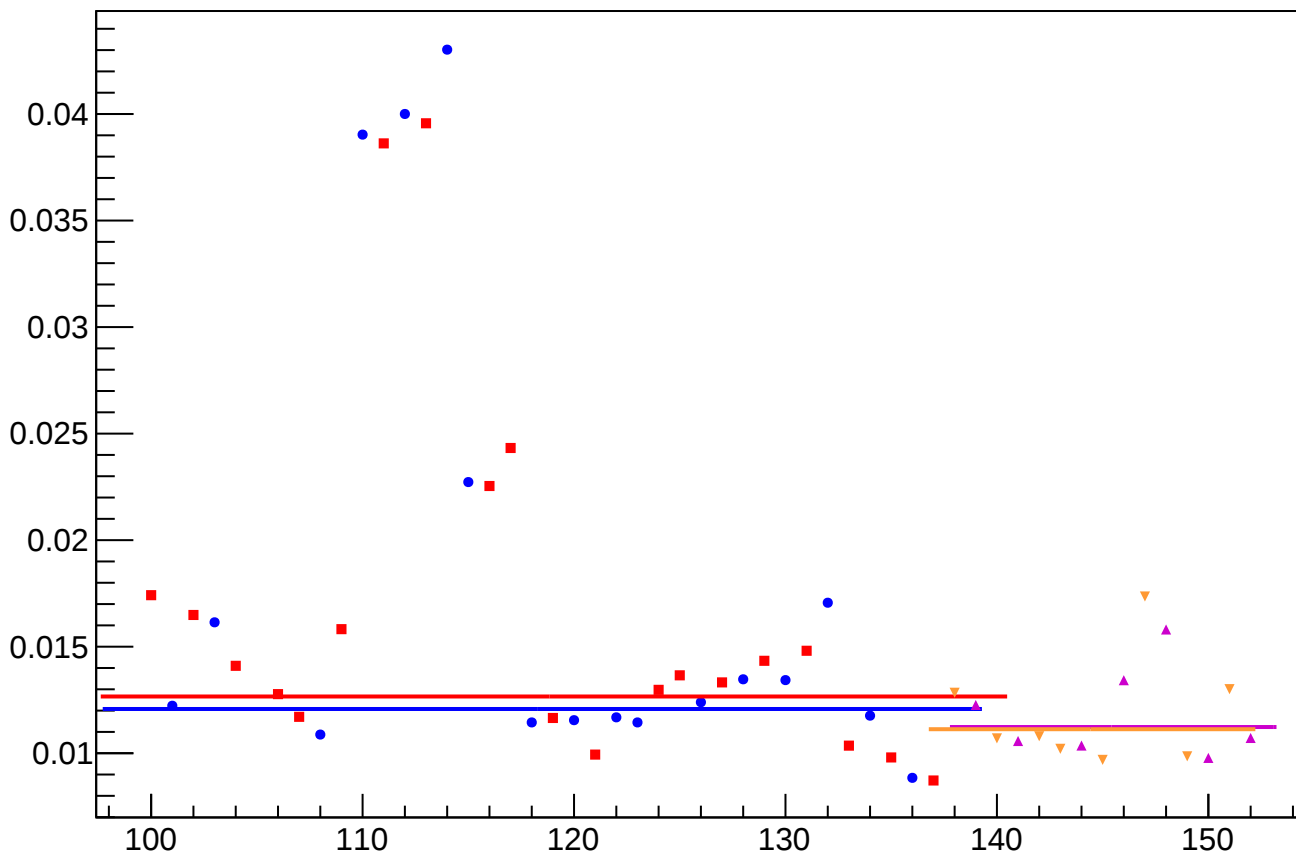
Left In: 0.065 $\pm$ 0.000 χ^2/NDF : 1135999.8/6

0.176 $\pm$ 0.000 χ^2/NDF : 6306156822.6/24

0.185 $\pm$ 0.000 χ^2/NDF : 13272782970.9/5

0.194 $\pm$ 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:320658.4/7

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

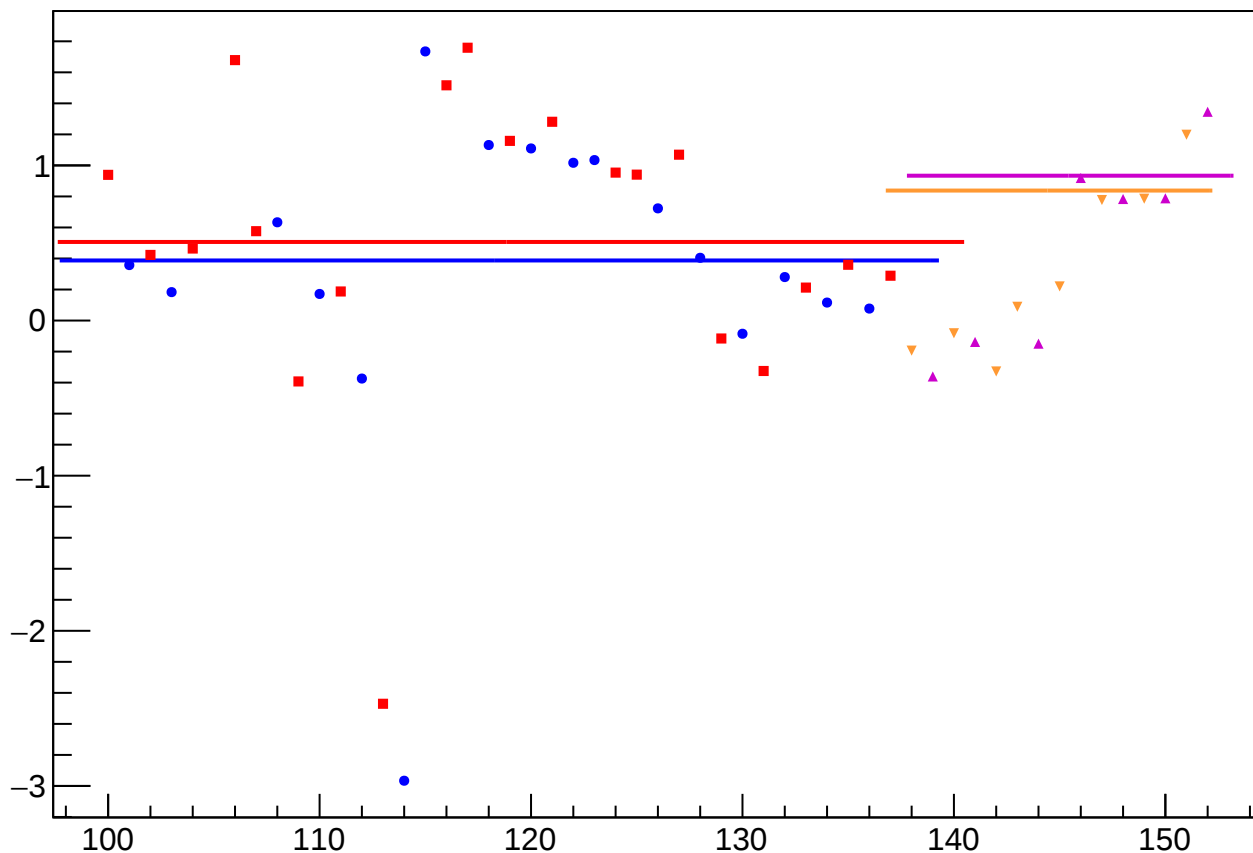
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:237542.7/6

0.012 $\pm$ 0.000 χ^2 /NDF: 1639516.4/24

0.012 $\pm$ 0.000 χ^2 /NDF: 3221684.0/51

0.012 $\pm$ 0.000 χ^2 /NDF: 1573944.7/26

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387 $\pm$ 0.000 χ^2/NDF : 247912593.5/16

Left Out: 0.838 $\pm$ 0.000 χ^2/NDF : 640335571.4/7

Right Out: 0.507 $\pm$ 0.000 χ^2/NDF : 995347030.4/19

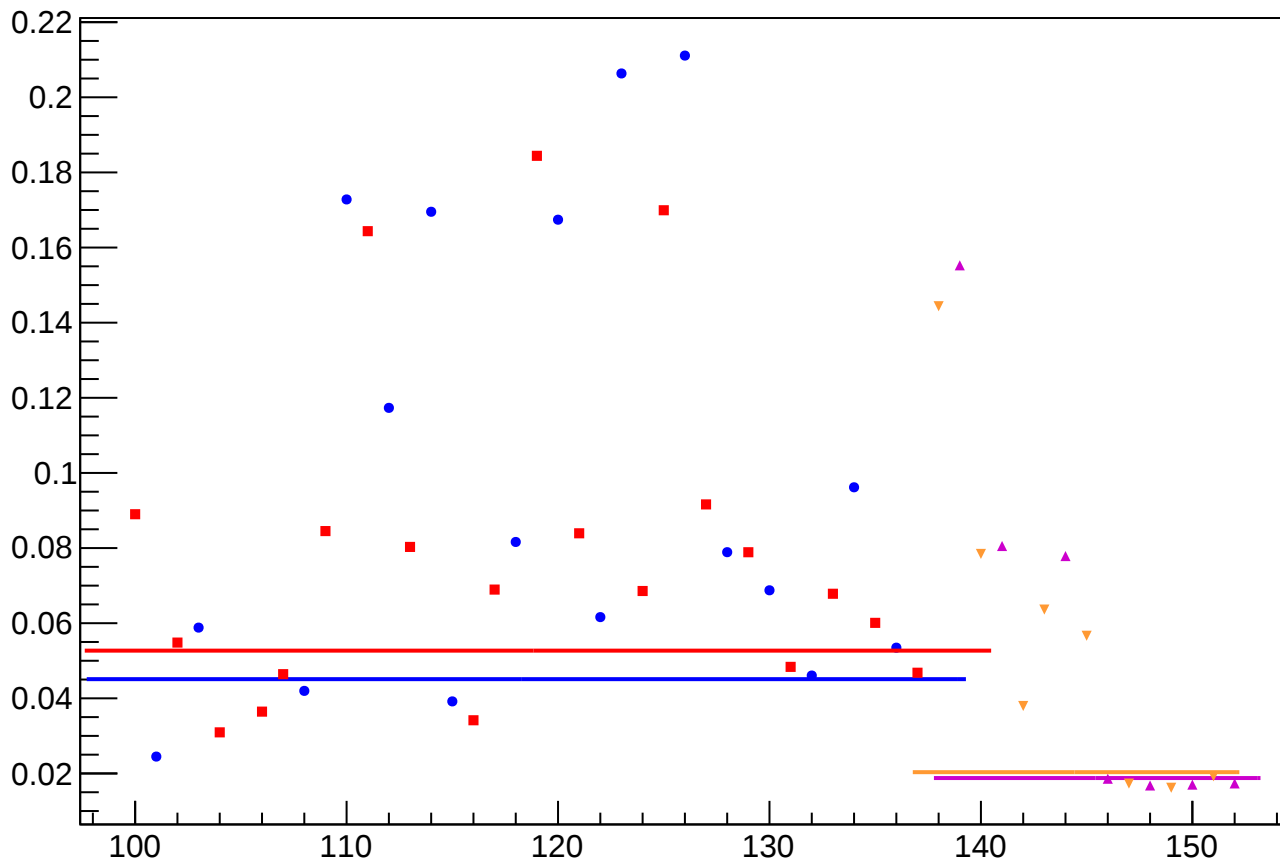
Left In: 0.934 $\pm$ 0.000 χ^2/NDF : 742370617.1/6

0.752 $\pm$ 0.000 χ^2/NDF : 1175805794.0/24

0.819 $\pm$ 0.000 χ^2/NDF : 3225185556.8/51

0.875 $\pm$ 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 : 2477686.9/7

Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

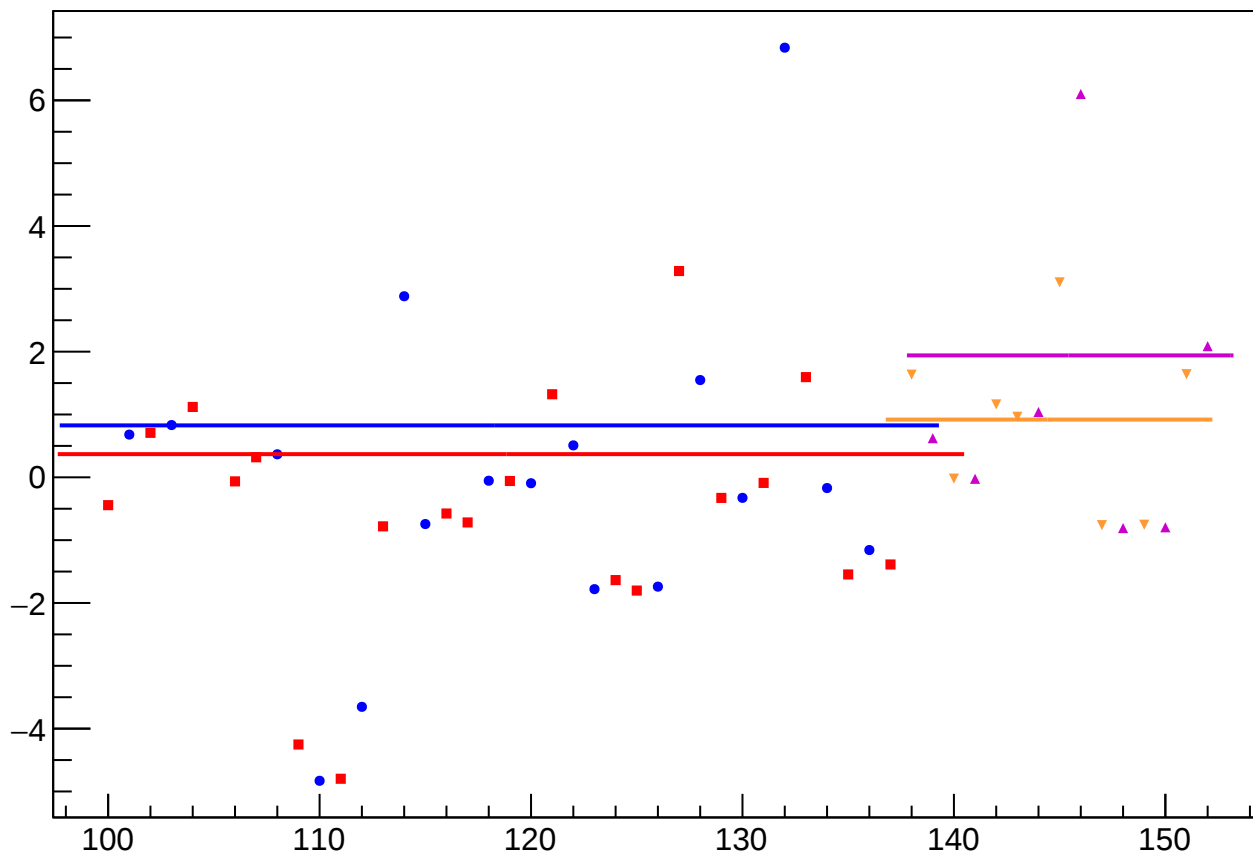
Left In: 0.019+/-0.000 χ^2/NDF : 2137869.9/6

0.025+/-0.000 χ^2/NDF : 7060521.9/24

0.024+/-0.000 χ^2/NDF : 14398456.9/51

0.023+/-0.000 χ^2/NDF : 7311529.0/26

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.827 $\pm$ 0.000 χ^2 /NDF: 10936458870.4/16

Left Out: 0.919 $\pm$ 0.000 χ^2 /NDF: 26779176789.3/7

Right Out: 0.369 $\pm$ 0.000 χ^2 /NDF: 4985860510.0/19

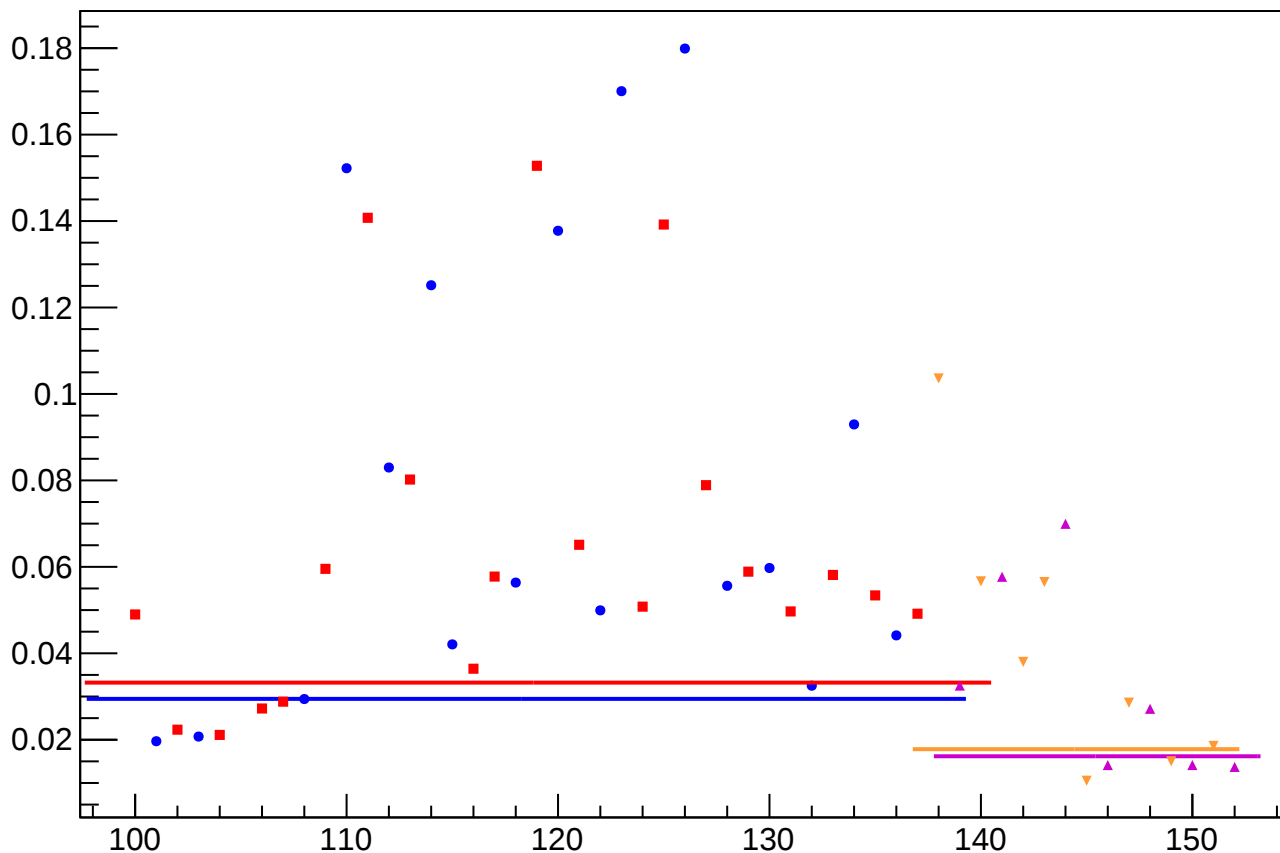
Left In: 1.941 $\pm$ 0.000 χ^2 /NDF: 100317862624.3/6

0.892 $\pm$ 0.000 χ^2 /NDF: 37739630741.3/24

1.292 $\pm$ 0.000 χ^2 /NDF: 153865212460.7/

1.615 $\pm$ 0.000 χ^2 /NDF: 112175996988.2/26

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.018+/-0.000 χ^2/NDF :2334061.0/7

Right Out: 0.033+/-0.000 χ^2/NDF : 3110014.7/19

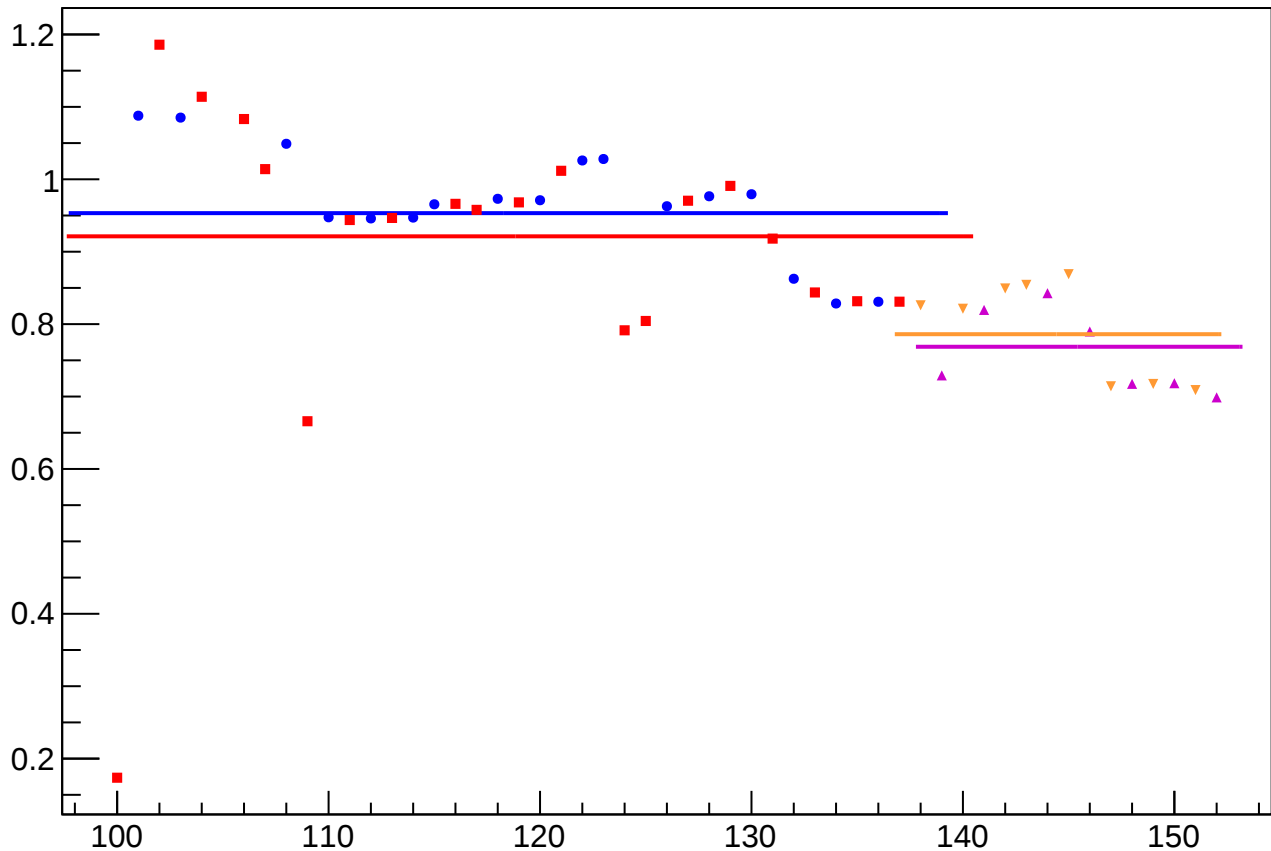
Left In: 0.016+/-0.000 χ^2/NDF :1595730.5/6

0.021+/-0.000 χ^2/NDF : 6146876.2/24

0.020+/-0.000 χ^2/NDF : 12501543.6/51

0.020+/-0.000 χ^2/NDF : 6322401.9/26

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.000 χ^2/NDF : 175396553.4/16

Left Out: 0.786+/-0.000 χ^2/NDF : 144223170.8/7

Right Out: 0.921+/-0.000 χ^2/NDF : 374376205.4/19

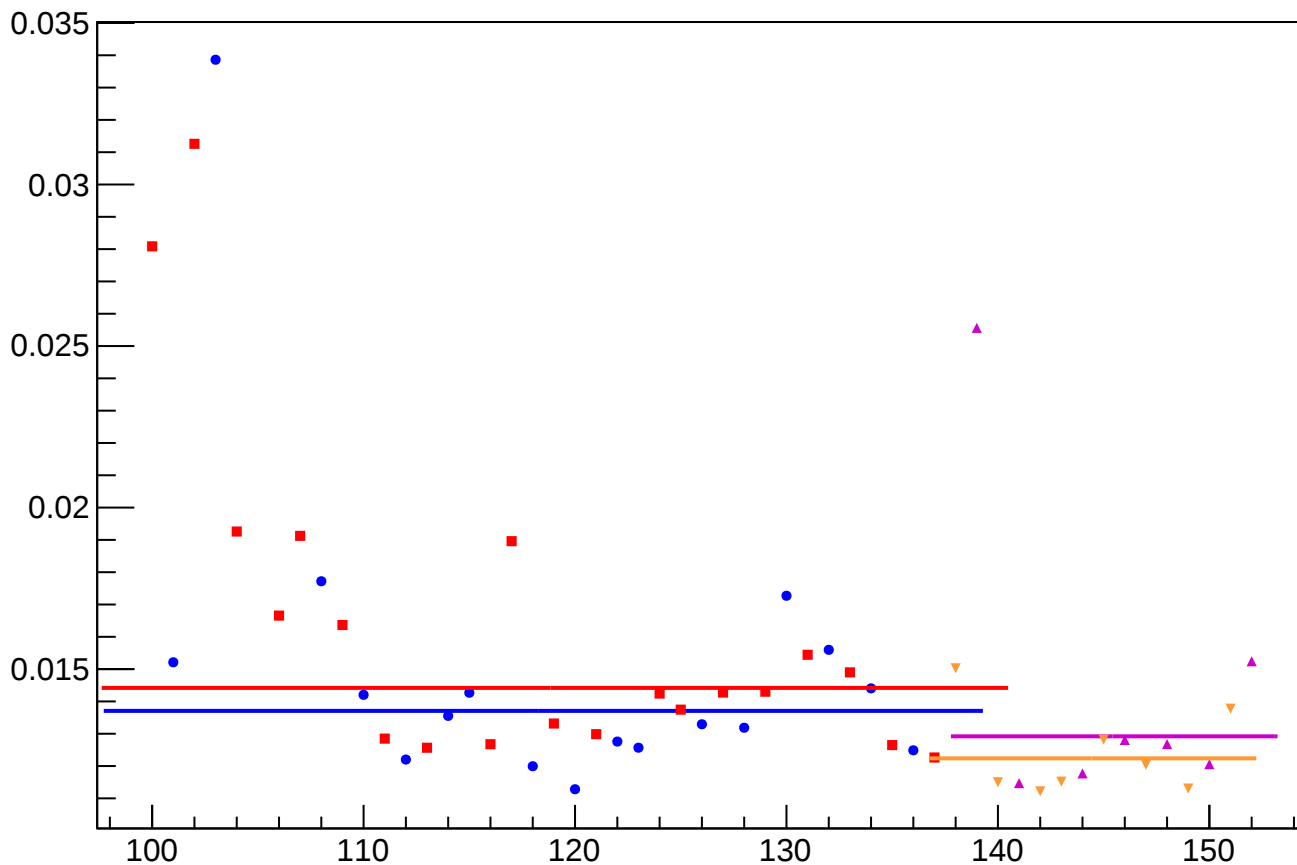
Left In: 0.769+/-0.000 χ^2/NDF : 89302397.3/6

0.867+/-0.000 χ^2/NDF : 764813649.1/24

0.856+/-0.000 χ^2/NDF : 1586977098.1/51

0.845+/-0.000 χ^2/NDF : 806835039.0/26

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 546317.6/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 87755.7/7

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 506553.4/19

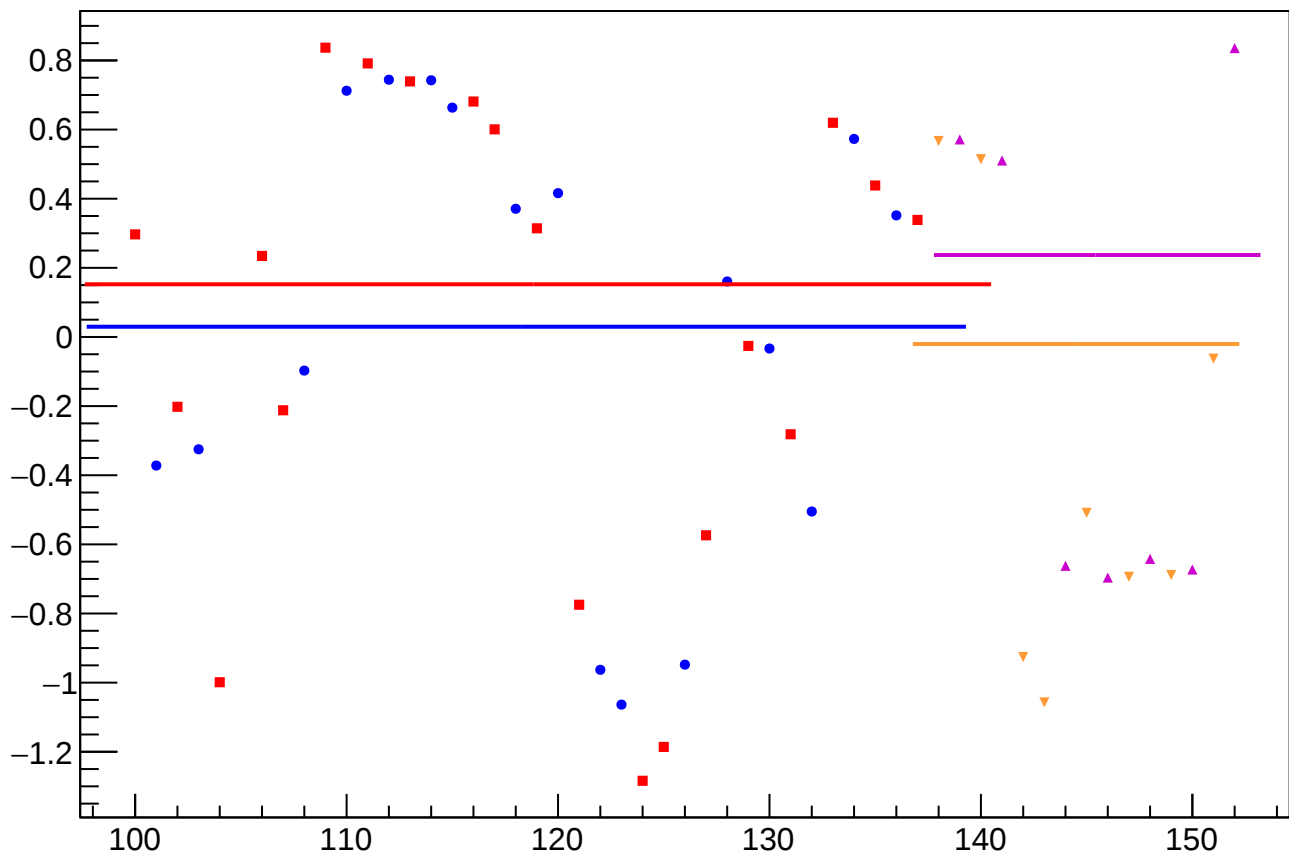
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 402856.2/6

0.013 $\pm$ 0.000 χ^2 /NDF: 702841.6/24

0.013 $\pm$ 0.000 χ^2 /NDF: 1710177.8/51

0.014 $\pm$ 0.000 χ^2 /NDF: 975814.6/26

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 6294824795.0/16

Left Out: -0.020+/-0.000 χ^2/NDF : 16507488966.0/7

Right Out: 0.152+/-0.000 χ^2/NDF : 12673501089.9/19

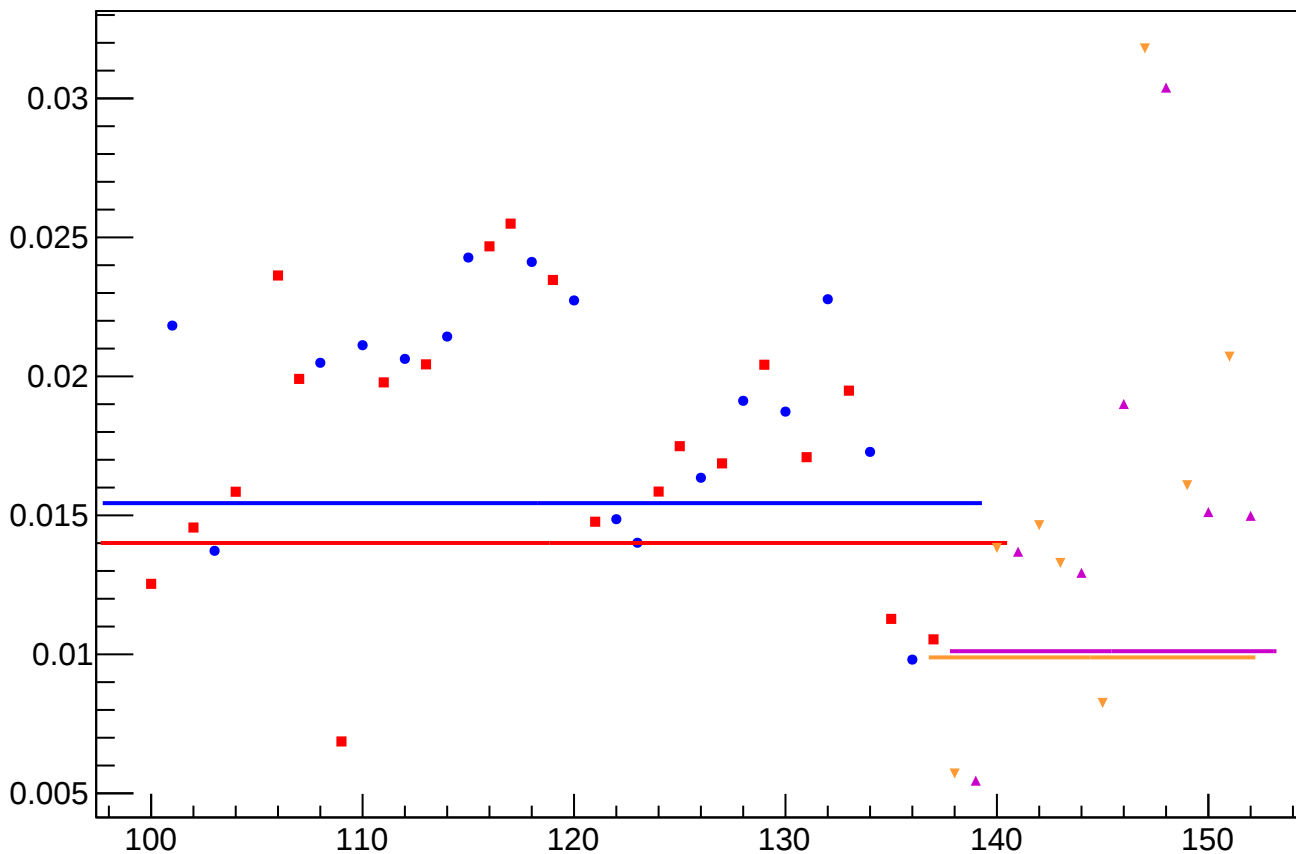
Left In: 0.237+/-0.000 χ^2/NDF : 13374955198.5/6

-0.002+/-0.000 χ^2/NDF : 22840278281.0/24

0.103+/-0.000 χ^2/NDF : 50411414018.5/5

0.202+/-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 : 2299338.7/7

Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

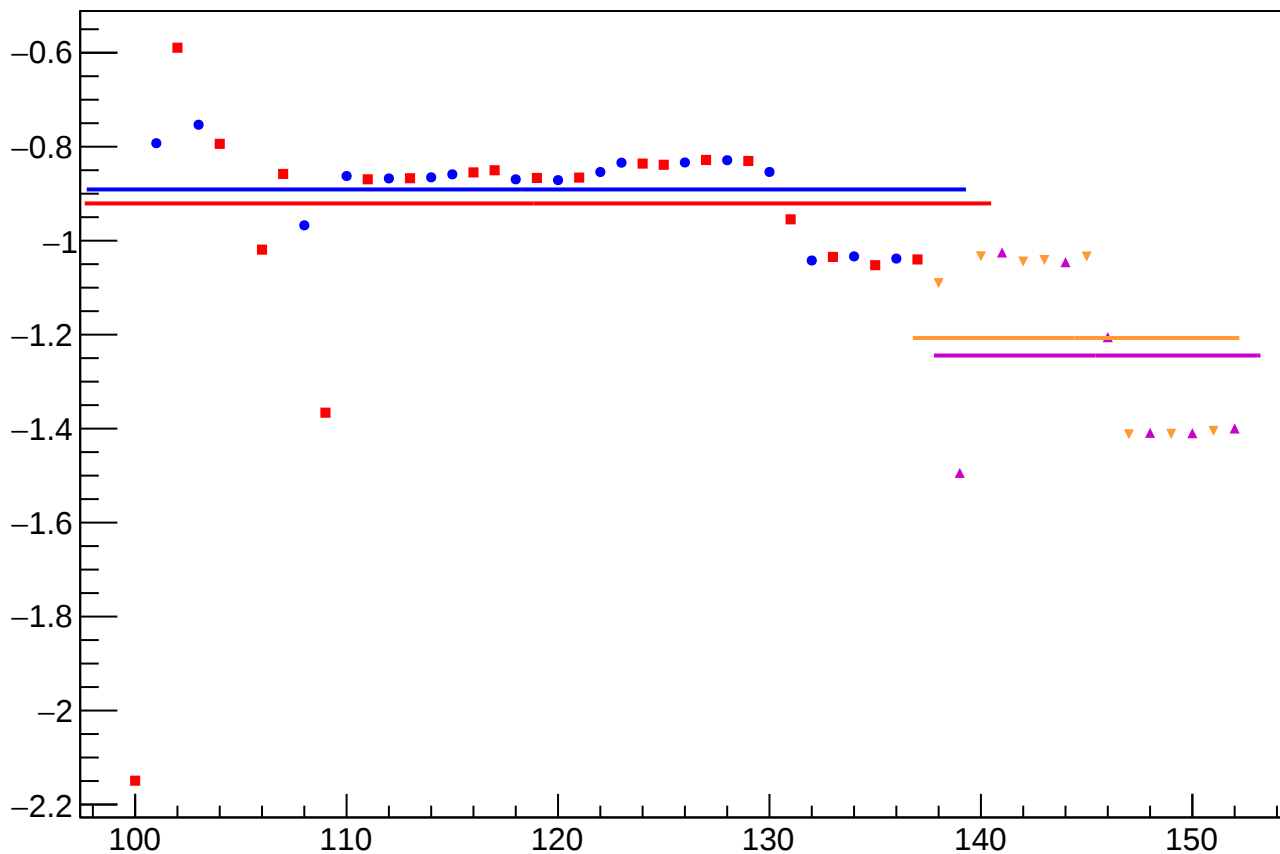
Left In: 0.010+/-0.000 χ^2/NDF : 2447542.0/6

0.012+/-0.000 χ^2/NDF : 4393676.2/24

0.012+/-0.000 χ^2/NDF : 8928023.7/51

0.012+/-0.000 χ^2/NDF : 4532430.8/26

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.891 ± 0.000 χ^2/NDF : 39578323.2/16

Left Out: -1.207 ± 0.000 χ^2/NDF : 167027849.9/7

Right Out: -0.921 ± 0.000 χ^2/NDF : 131271770.4/19

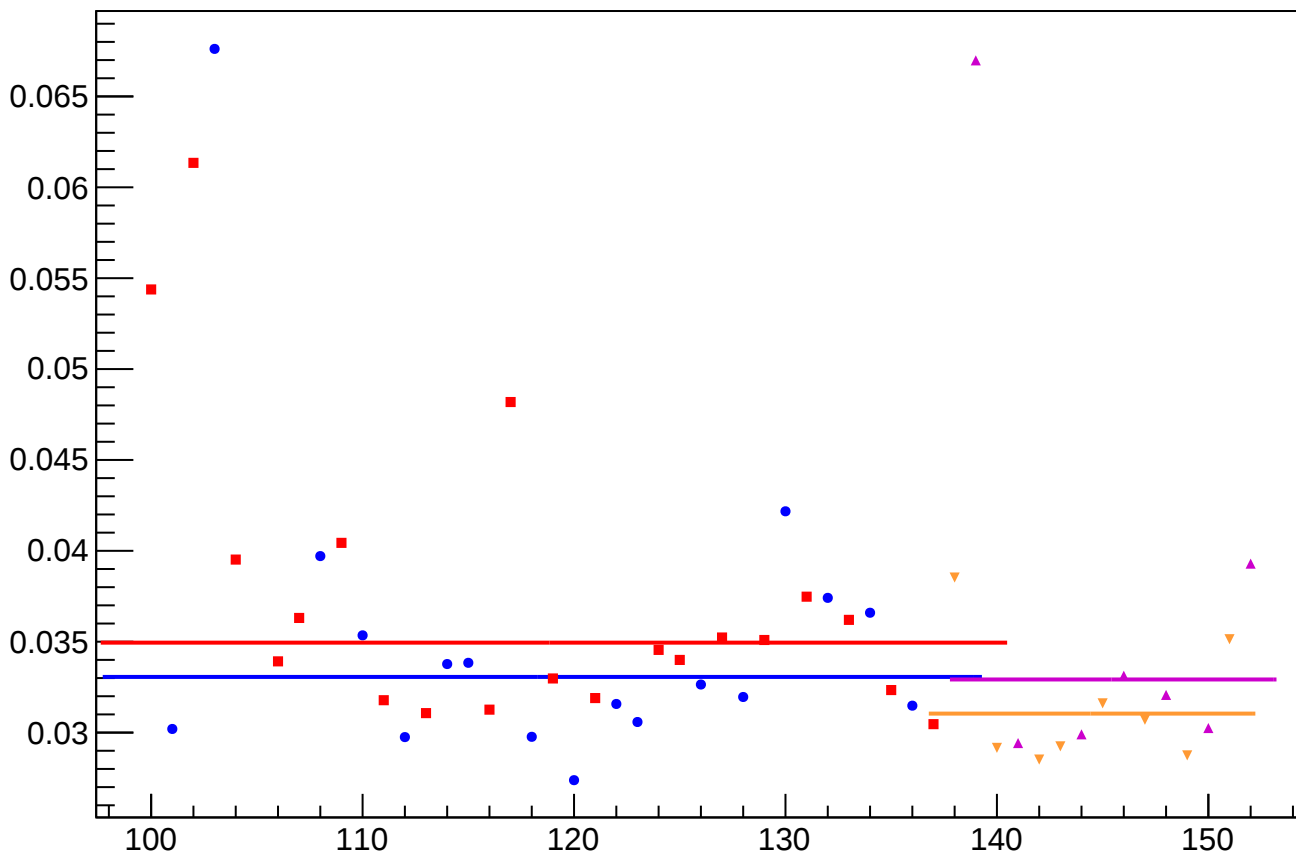
Left In: -1.244 ± 0.000 χ^2/NDF : 136812524.3/6

-1.044 ± 0.000 χ^2/NDF : 466810483.4/24

-1.058 ± 0.000 χ^2/NDF : 989719537.3/51

-1.073 ± 0.000 χ^2/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: 0.031+/-0.000 χ^2/NDF : 89920.3/7

Right Out: 0.035+/-0.000 χ^2/NDF : 280500.4/19

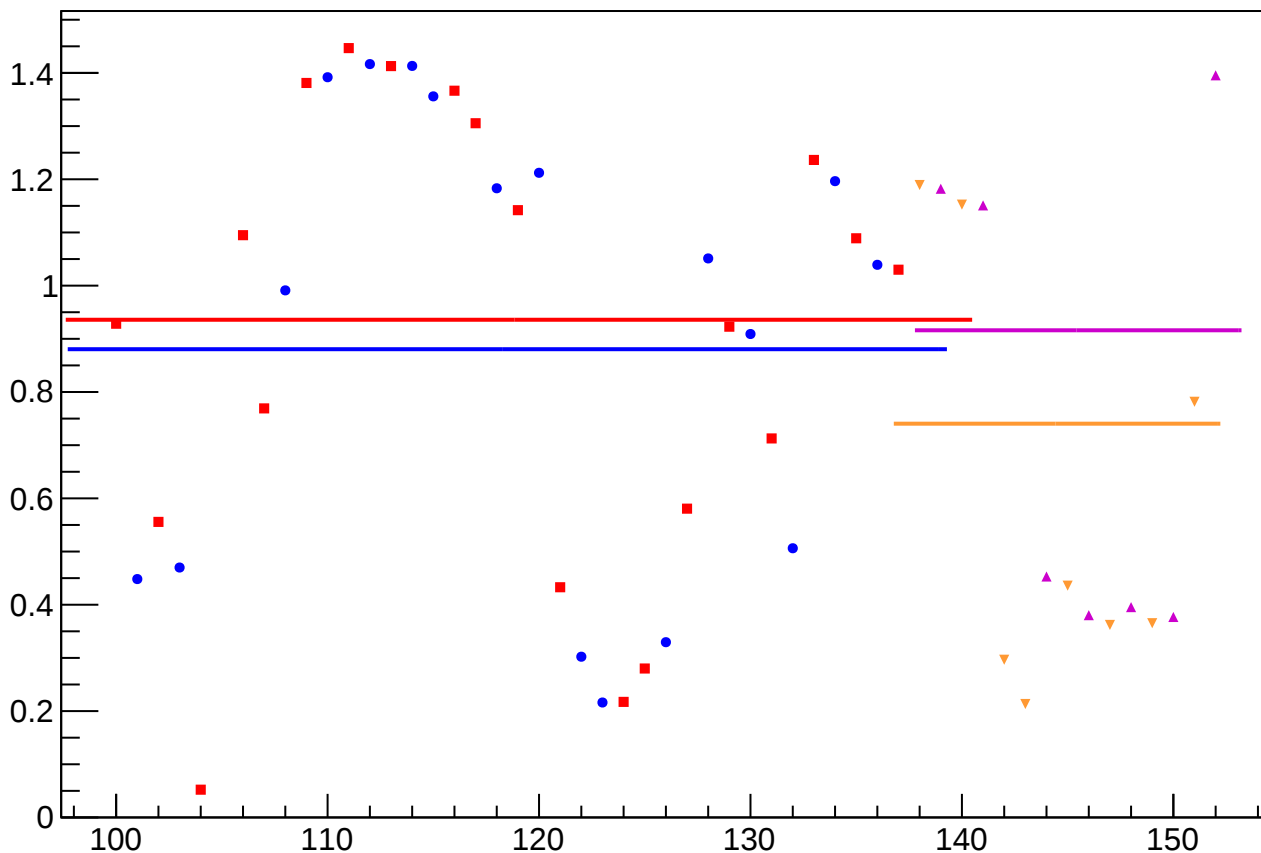
Left In: 0.033+/-0.000 χ^2/NDF : 428543.2/6

0.032+/-0.000 χ^2/NDF : 520415.0/24

0.033+/-0.000 χ^2/NDF : 1285504.8/51

0.034+/-0.000 χ^2/NDF : 728691.0/26

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.880+/-0.000 χ^2/NDF : 6400108121.4/16

Left Out: 0.740+/-0.000 χ^2/NDF : 11910441944.9/7

Right Out: 0.936+/-0.000 χ^2/NDF : 9851303698.9/19

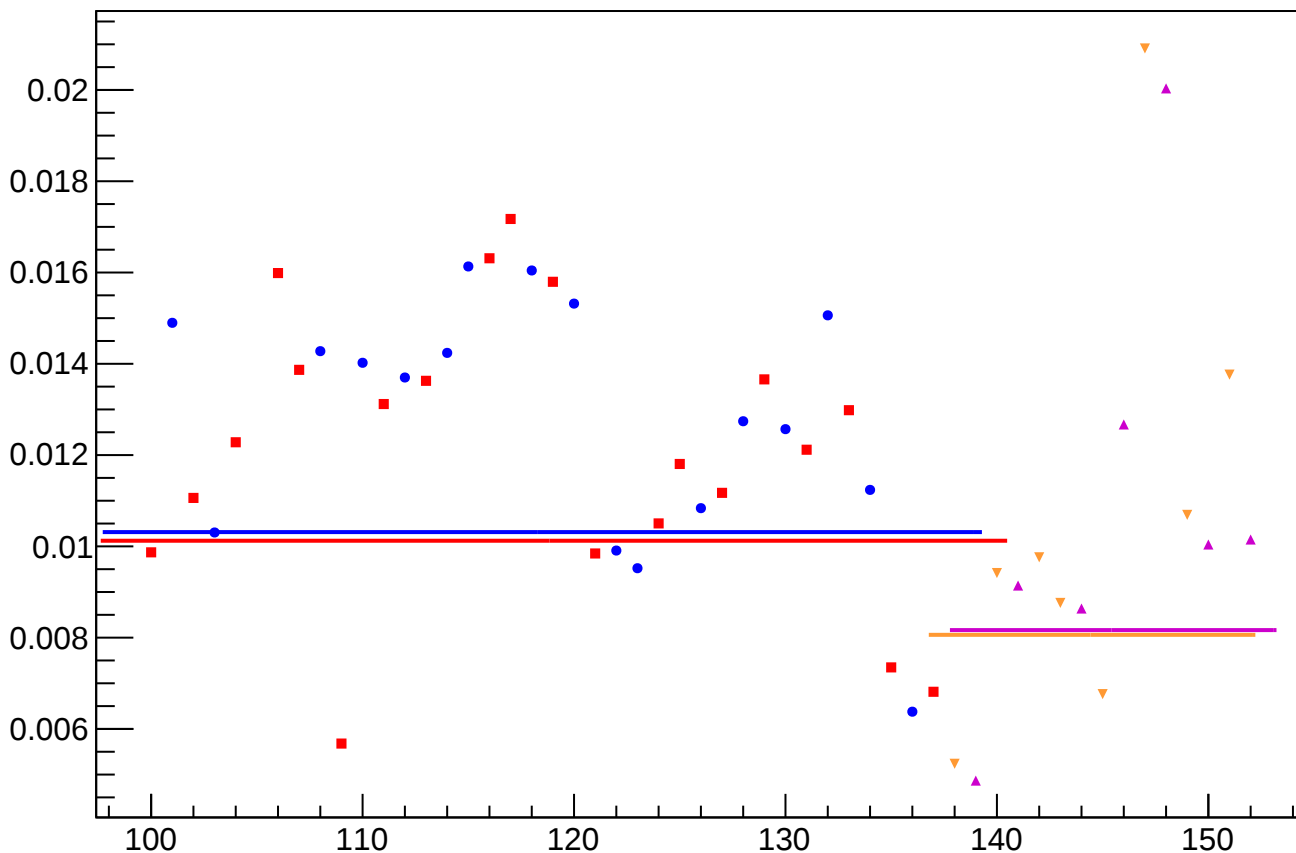
Left In: 0.916+/-0.000 χ^2/NDF : 10828708506.4/6

0.800+/-0.000 χ^2/NDF : 18907904339.4/24

0.863+/-0.000 χ^2/NDF : 40589882414.3/5

0.925+/-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 : 1402279.5/7

Right Out: 0.010 +/- 0.000 χ^2/NDF : 1191429.9/19

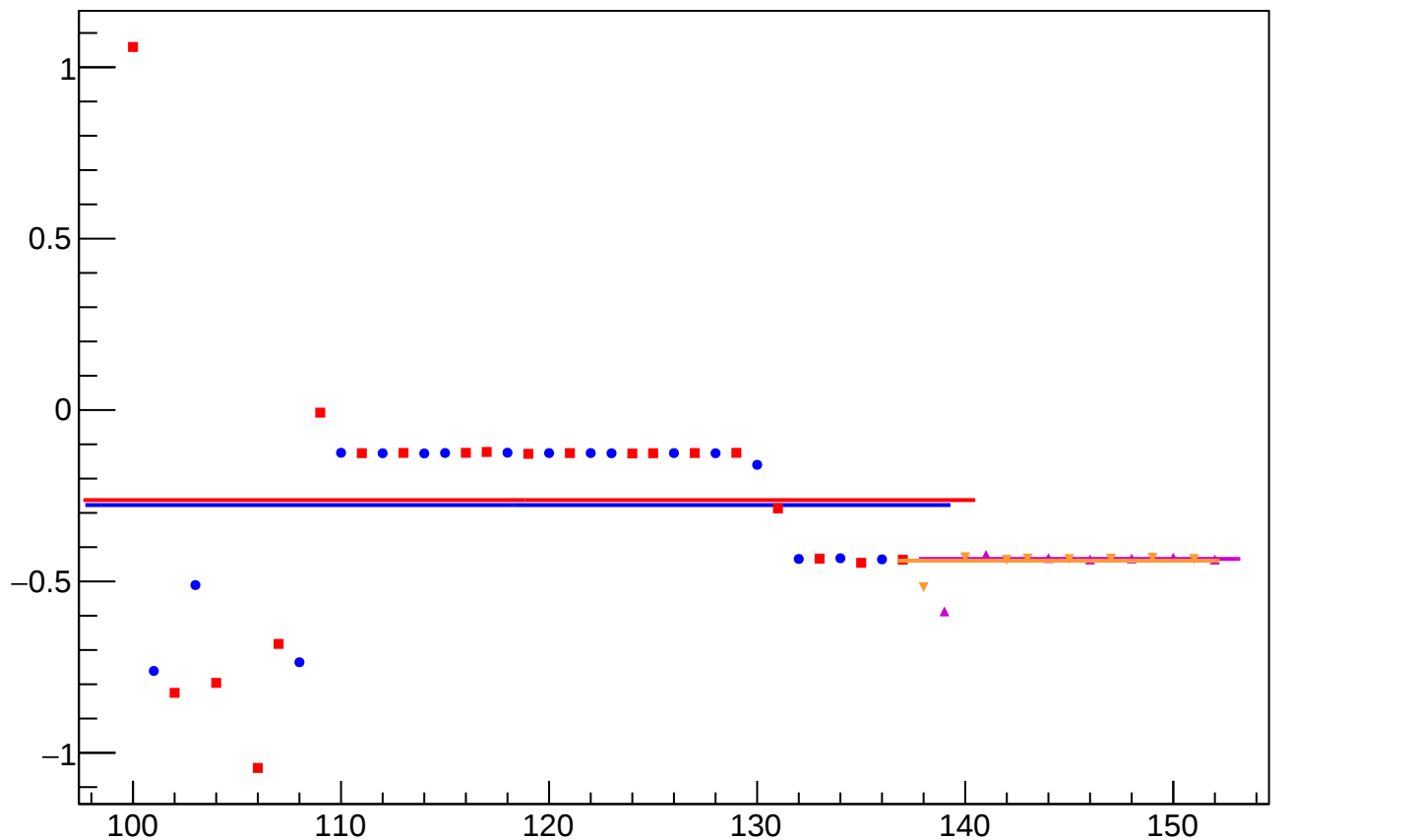
Left In: 0.008 +/- 0.000 χ^2/NDF : 1439211.5/6

0.009 +/- 0.000 χ^2/NDF : 2941978.0/24

0.009 +/- 0.000 χ^2/NDF : 5813995.7/51

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 : 23813184.2/7

Right Out: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

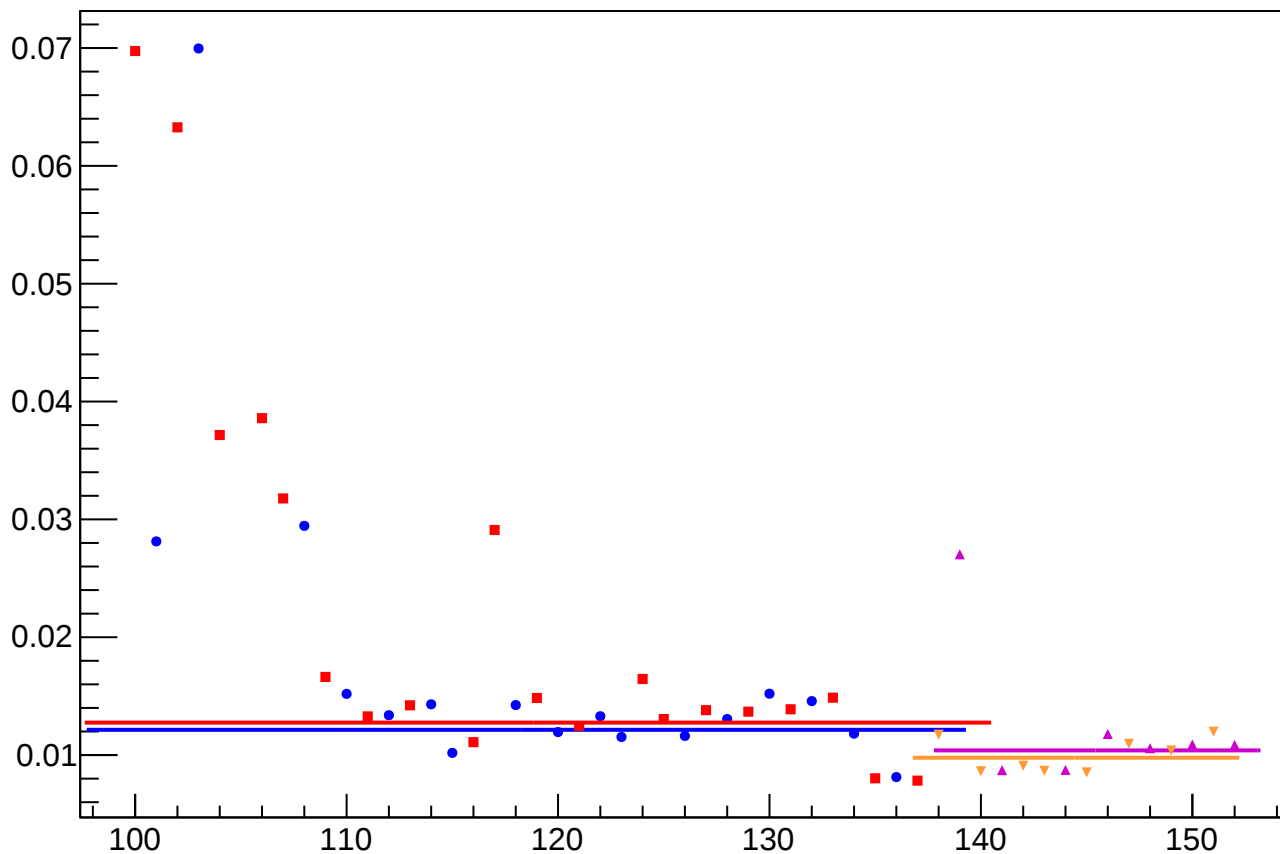
Left In: -0.434+/-0.000 χ^2/NDF : 22678819.8/6

-0.374+/-0.000 χ^2/NDF : 1466212659.4/24

-0.368+/-0.000 χ^2/NDF : 3014590367.9/5

-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 : 161653.3/7

Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

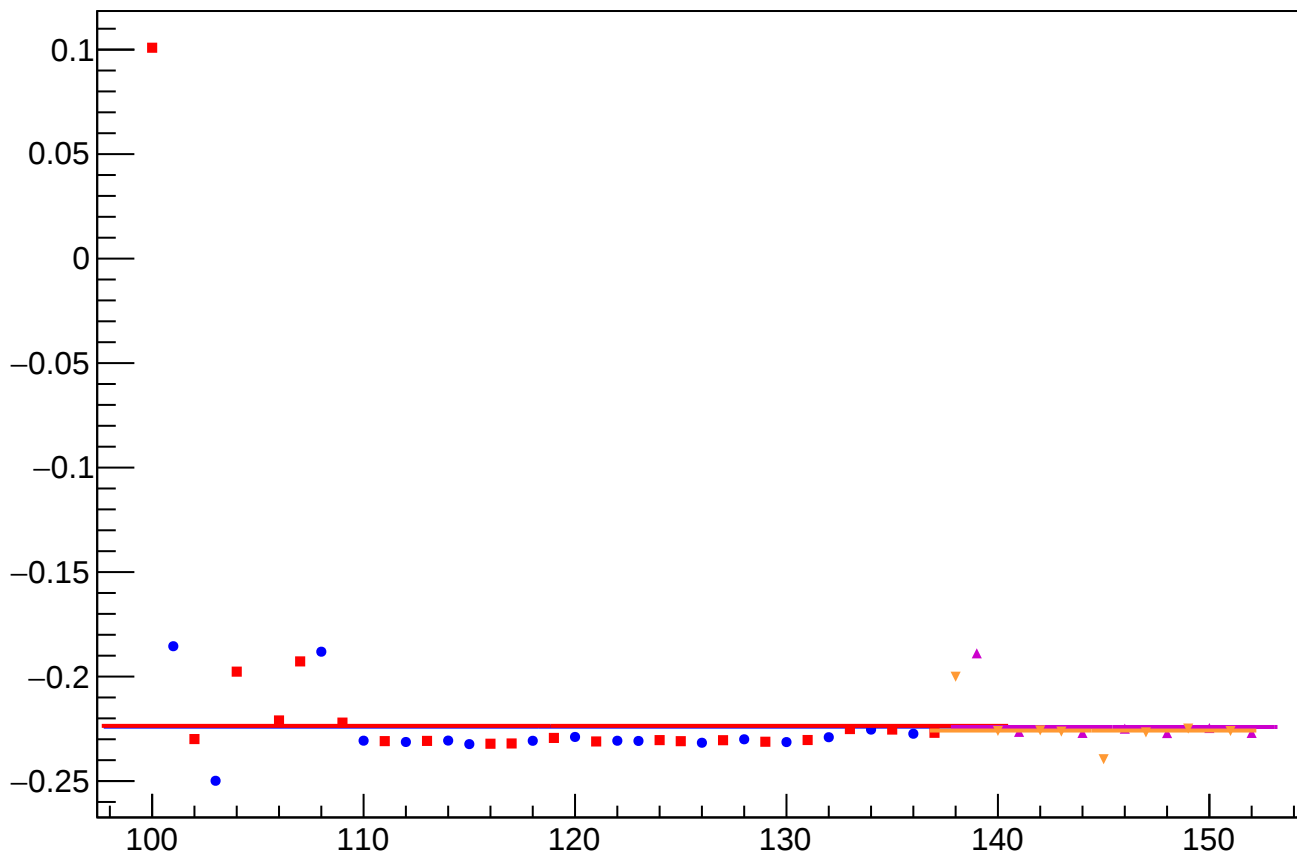
Left In: 0.010+/-0.000 χ^2/NDF : 623523.2/6

0.011+/-0.000 χ^2/NDF : 2103325.9/24

0.011+/-0.000 χ^2/NDF : 4946098.1/51

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 : 20513621.7/7

Right Out: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

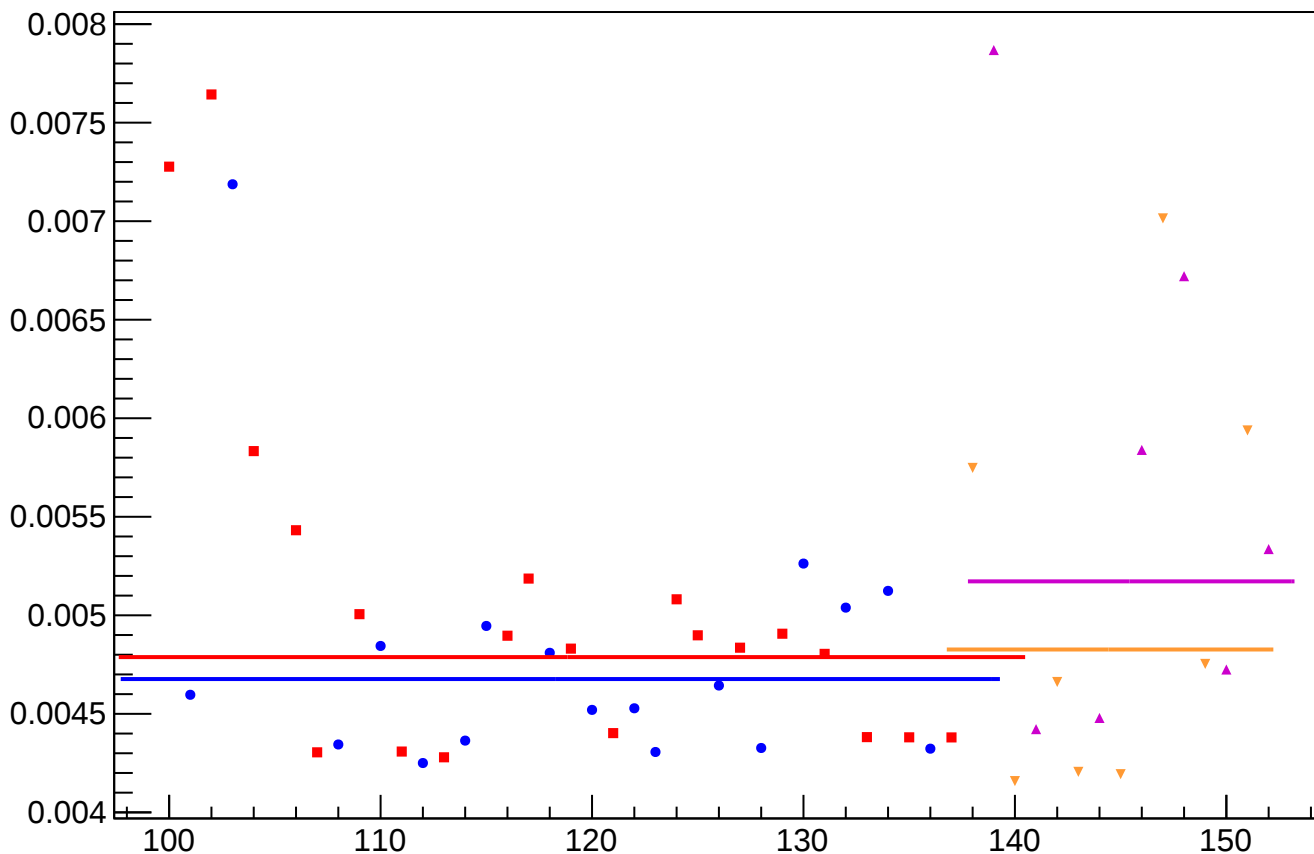
Left In: -0.224+/-0.000 χ^2/NDF : 13810567.1/6

-0.225+/-0.000 χ^2/NDF : 95652654.7/24

-0.224+/-0.000 χ^2/NDF : 277957932.0/51

-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 : 331424.0/7

Right Out: 0.005+/-0.000 χ^2/NDF : 248668.3/19

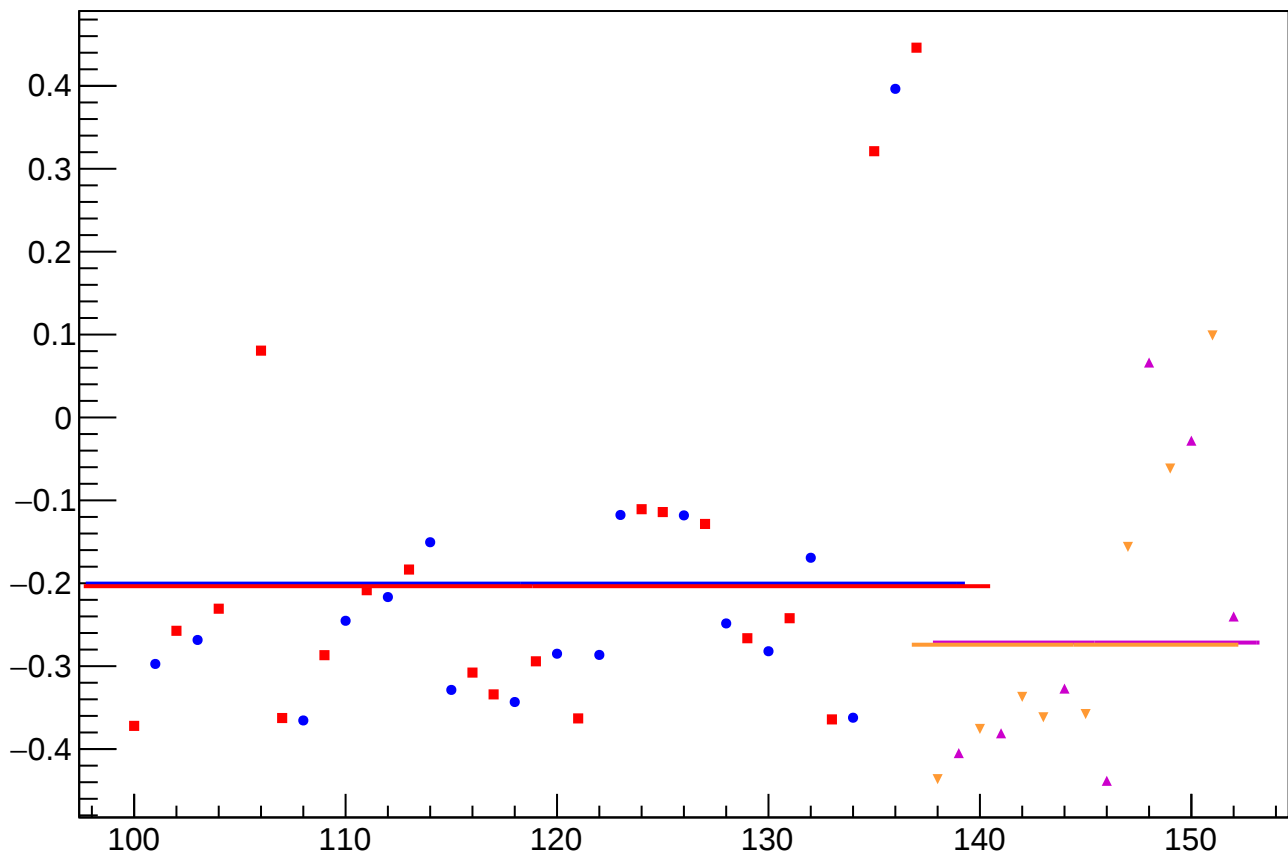
Left In: 0.005+/-0.000 χ^2/NDF : 349223.5/6

0.005+/-0.000 χ^2/NDF : 518293.5/24

0.005+/-0.000 χ^2/NDF : 1169456.4/51

0.005+/-0.000 χ^2/NDF : 631598.6/26

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 5973556486.0/16

Left Out: -0.274+/-0.000 χ^2/NDF : 5329751975.9/7

Right Out: -0.204+/-0.000 χ^2/NDF : 5045878528.0/19

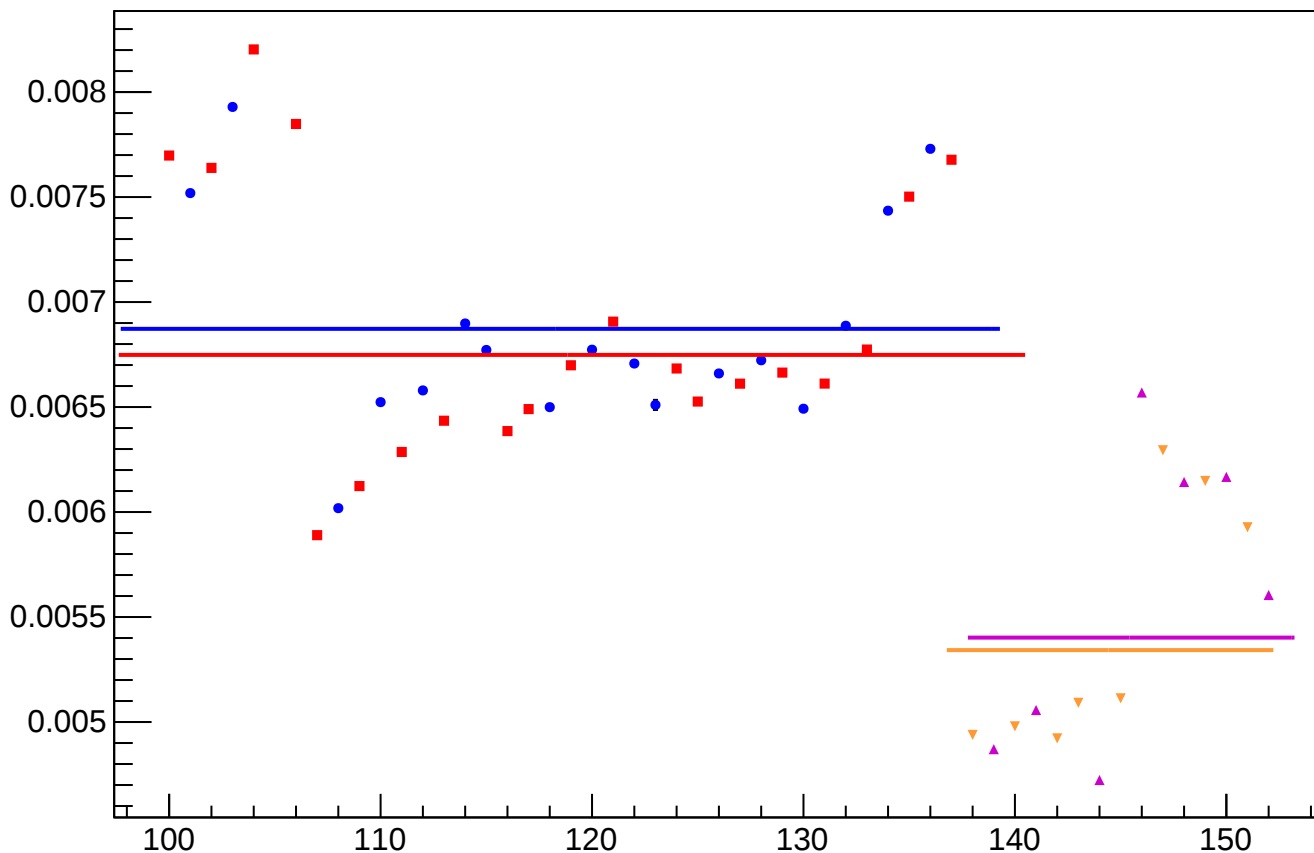
Left In: -0.272+/-0.000 χ^2/NDF : 4645623609.9/6

-0.242+/-0.000 χ^2/NDF : 11731391611.4/24

-0.241+/-0.000 χ^2/NDF : 21798090670.3/5

-0.240+/-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 : 97097.8/7

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 105262.1/19

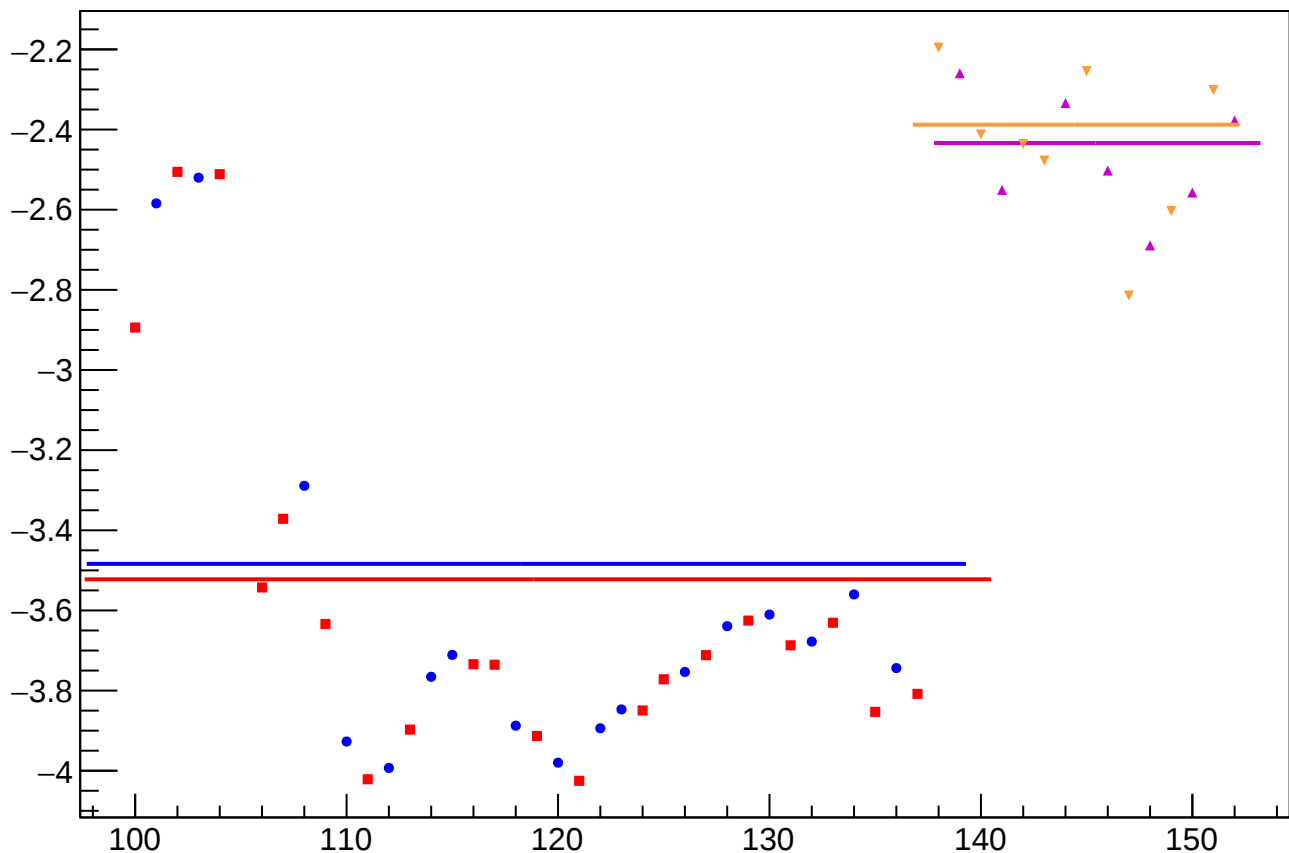
Left In: 0.005 $\pm$ 0.000 χ^2/NDF : 141443.9/6

0.006 $\pm$ 0.000 χ^2/NDF : 544956.1/24

0.006 $\pm$ 0.000 χ^2/NDF : 1085193.2/51

0.006 $\pm$ 0.000 χ^2/NDF : 539995.6/26

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.484+/-0.000 χ^2/NDF : 27174302276.9/16

Left Out: -2.388+/-0.000 χ^2/NDF :1369833450.2/7

Right Out: -3.522+/-0.000 χ^2/NDF : 26497611752.4/19

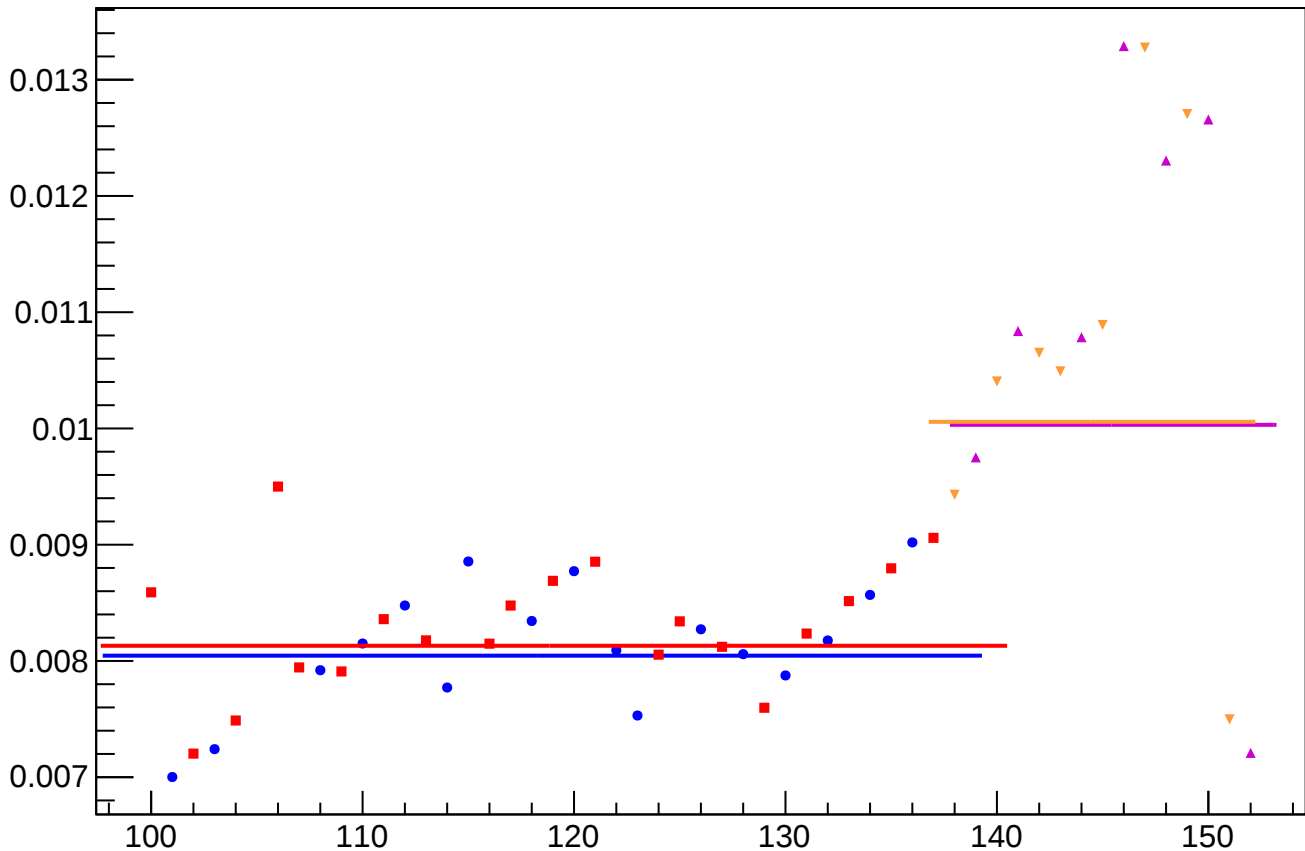
Left In: -2.434+/-0.000 χ^2/NDF :811995832.3/6

-3.122+/-0.000 χ^2/NDF : 68445451482.7/24

-3.147+/-0.000 χ^2/NDF : 135316257140.9

-3.171+/-0.000 χ^2/NDF : 66683690659.0/26

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 71989.8/16

Left Out: 0.010+/-0.000 χ^2/NDF : 300131.0/7

Right Out: 0.008+/-0.000 χ^2/NDF : 57613.2/19

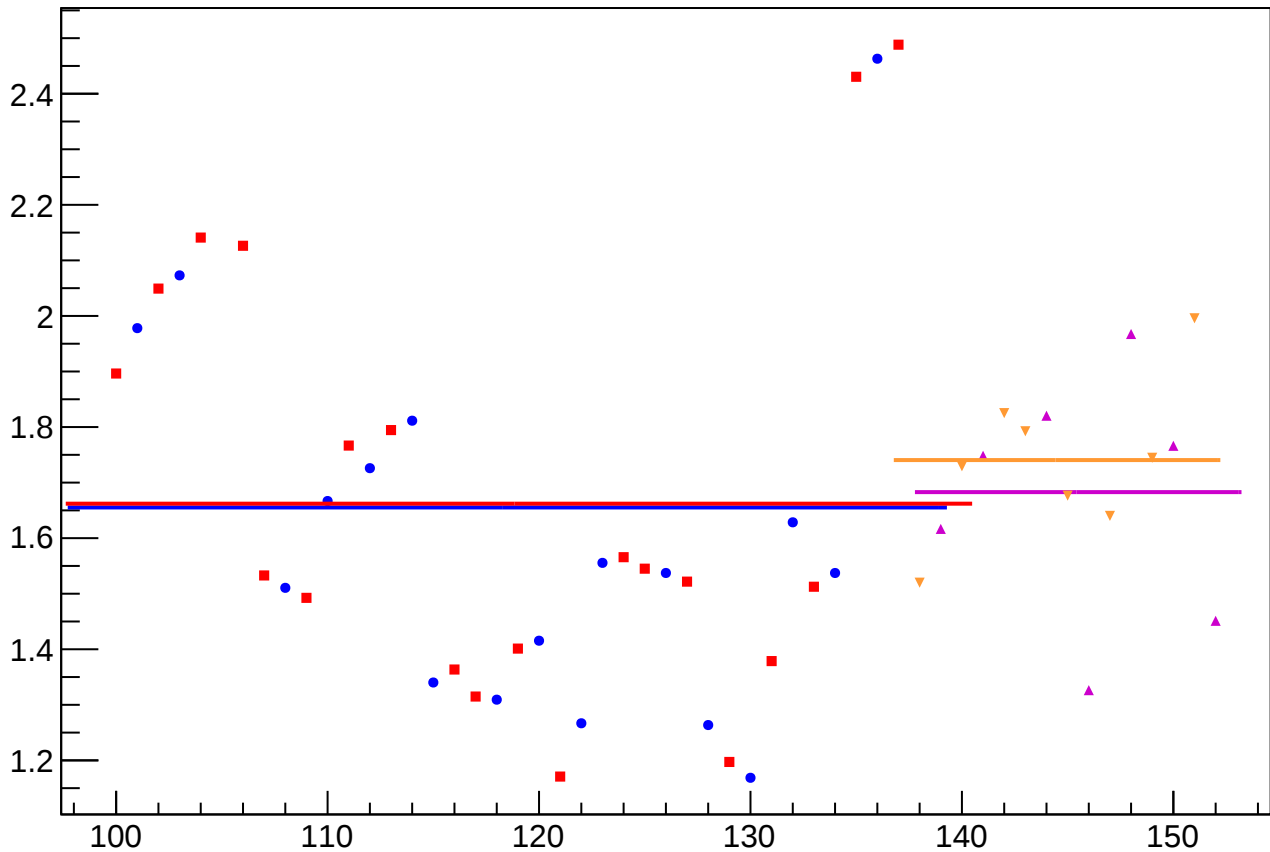
Left In: 0.010+/-0.000 χ^2/NDF : 443567.1/6

0.009+/-0.000 χ^2/NDF : 641044.7/24

0.009+/-0.000 χ^2/NDF : 1382311.4/51

0.009+/-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: 1.741+/-0.000 χ^2/NDF : 838748053.8/7

Right Out: 1.662+/-0.000 χ^2/NDF : 5975345573.0/19

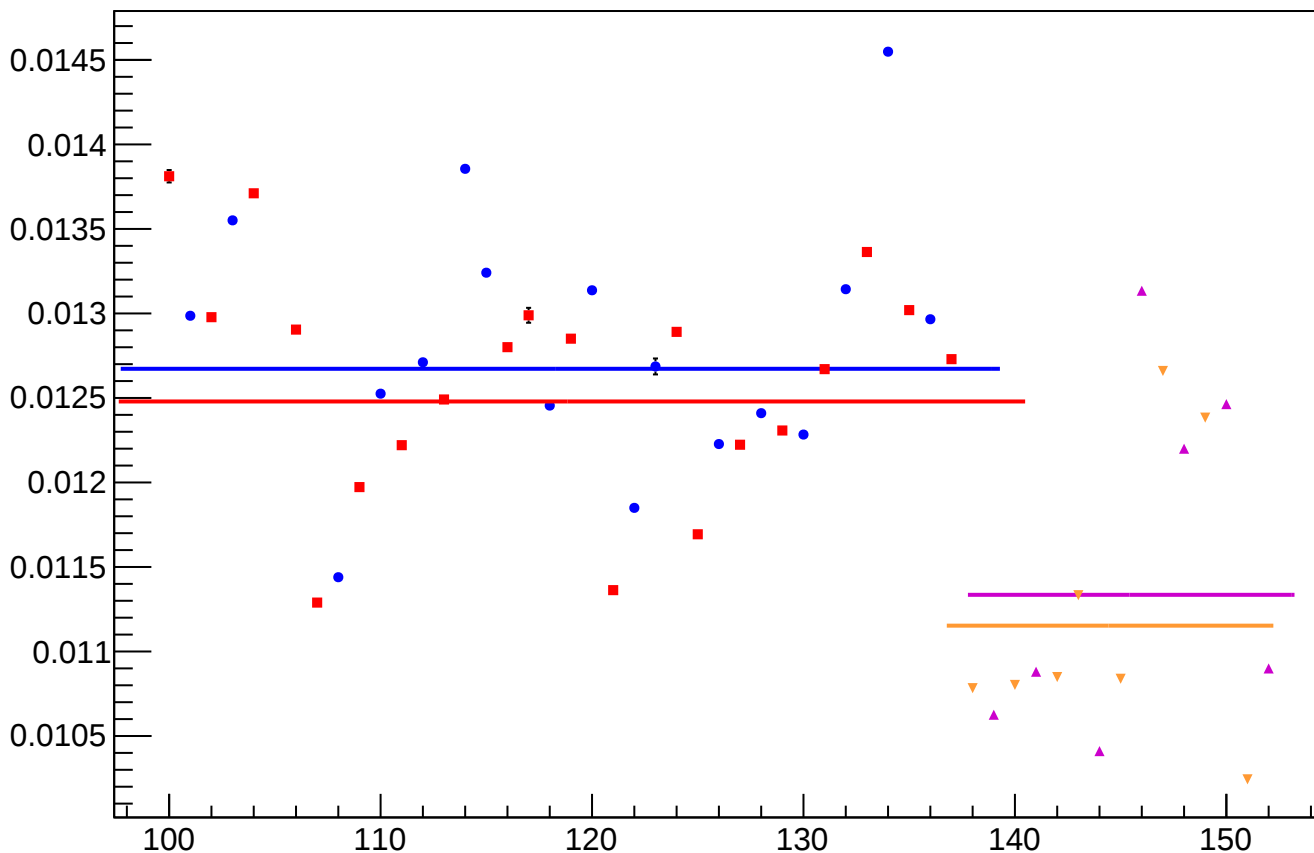
Left In: 1.683+/-0.000 χ^2/NDF : 1480642203.2/6

1.699+/-0.000 χ^2/NDF : 7468441863.4/24

1.686+/-0.000 χ^2/NDF : 14965035689.5/5

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: 51391.7/7

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 39268.9/19

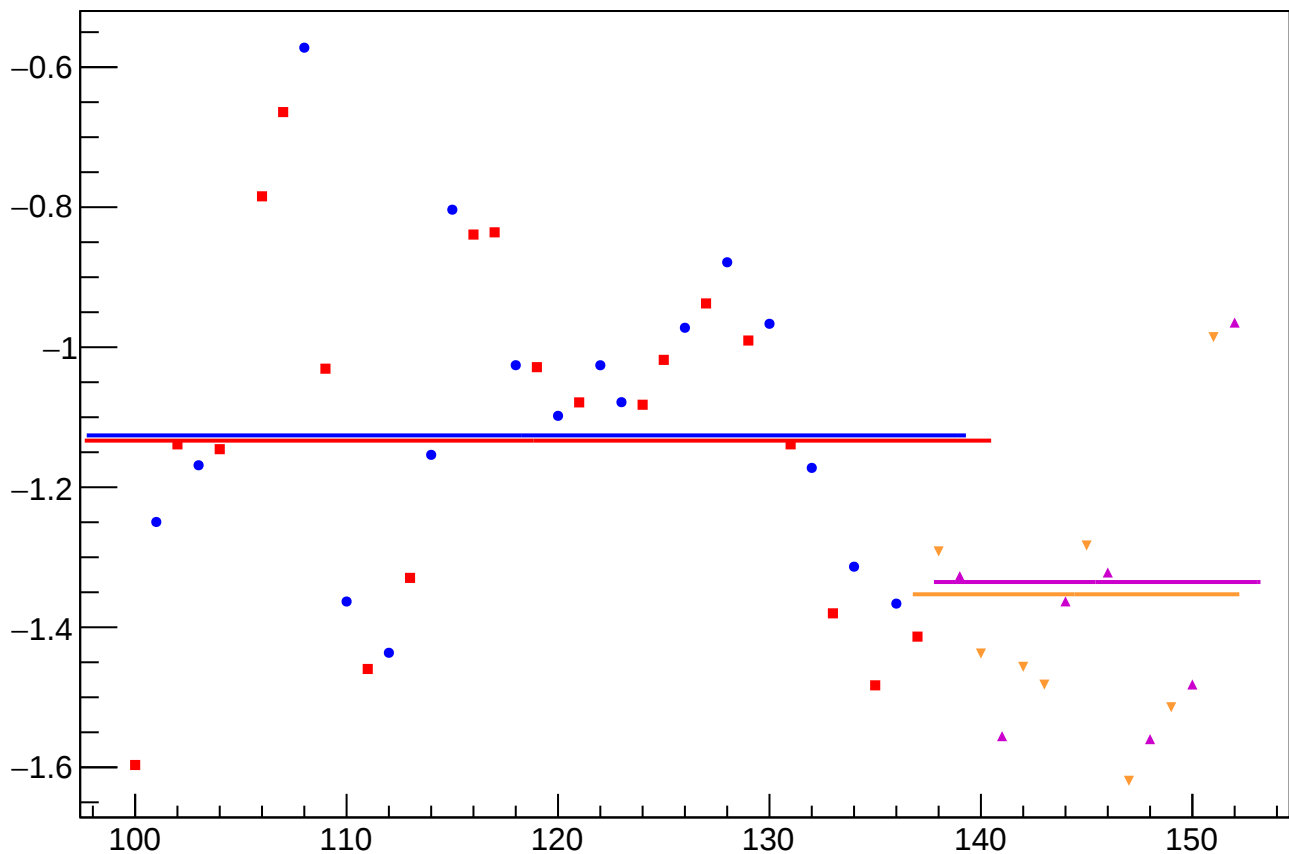
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 70786.3/6

0.012 $\pm$ 0.000 χ^2 /NDF: 180456.6/24

0.012 $\pm$ 0.000 χ^2 /NDF: 346455.8/51

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: -1.353+/-0.000 χ^2/NDF : 2311856480.1/7

Right Out: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

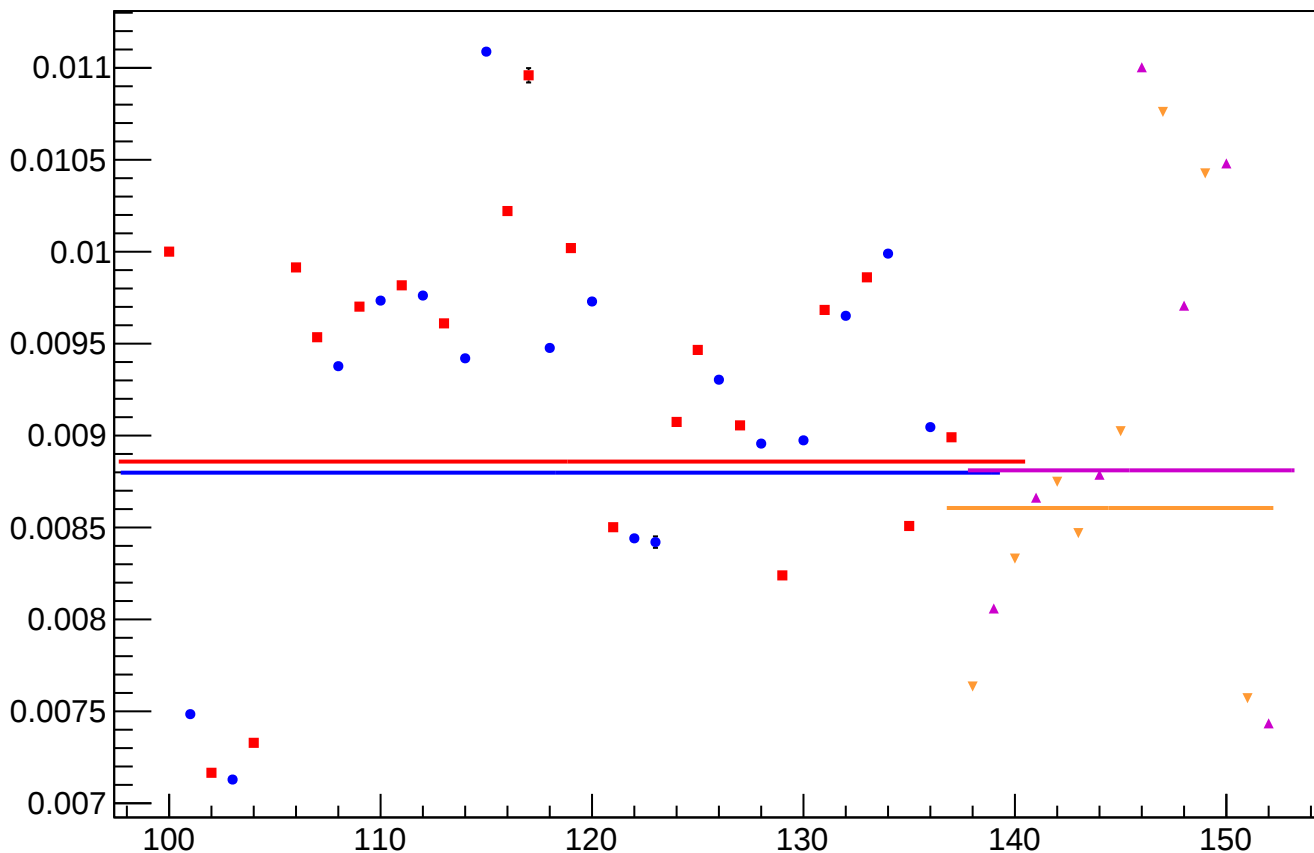
Left In: -1.335+/-0.000 χ^2/NDF : 2965290475.1/6

-1.228+/-0.000 χ^2/NDF : 7800600002.2/24

-1.225+/-0.000 χ^2/NDF : 15974965777.0/5

-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: 0.009+/-0.000 χ^2/NDF : 140738.8/7

Right Out: 0.009+/-0.000 χ^2/NDF : 176858.0/19

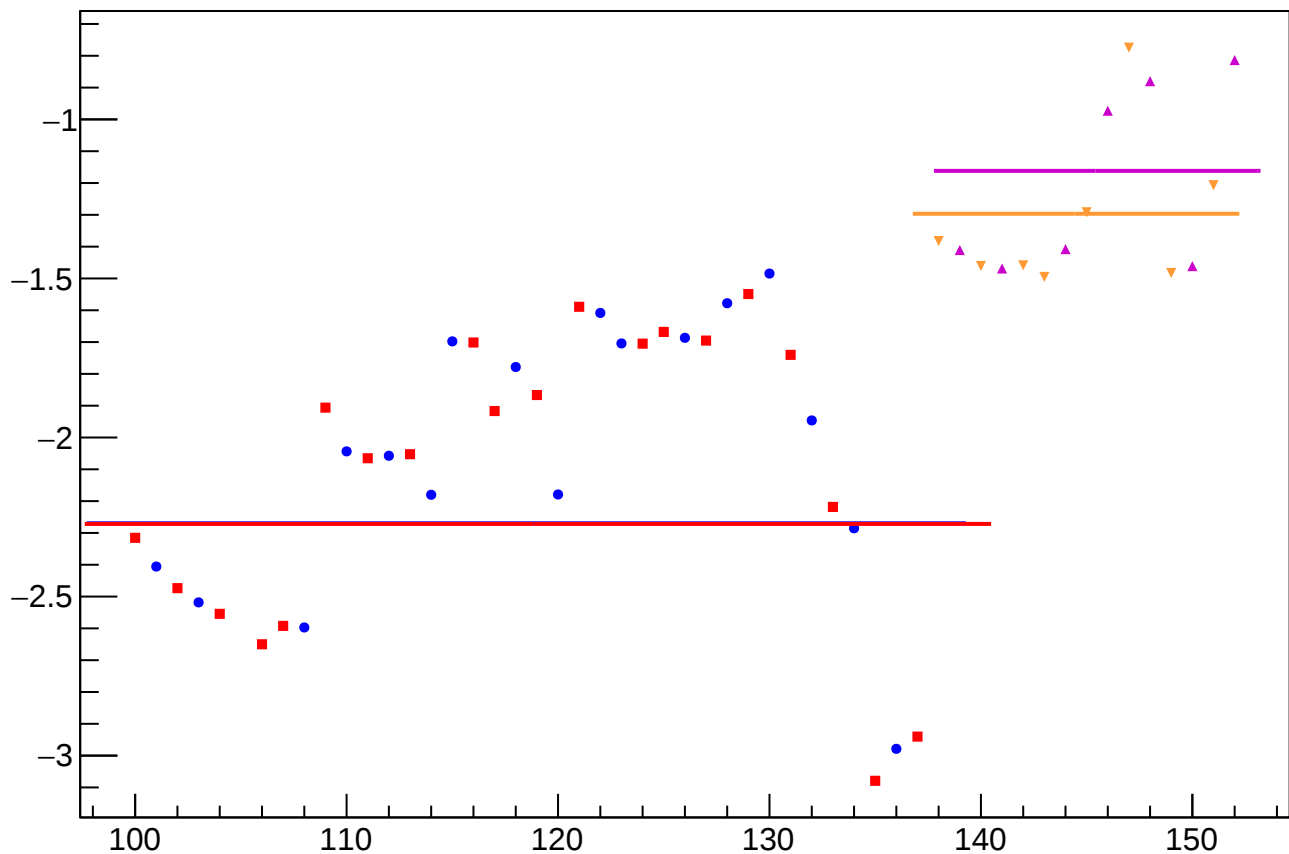
Left In: 0.009+/-0.000 χ^2/NDF : 162491.3/6

0.009+/-0.000 χ^2/NDF : 295069.7/24

0.009+/-0.000 χ^2/NDF : 636978.6/51

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: -1.297+/-0.000 χ^2/NDF : 5390388623.0/7

Right Out: -2.272+/-0.000 χ^2/NDF : 19012236430.2/19

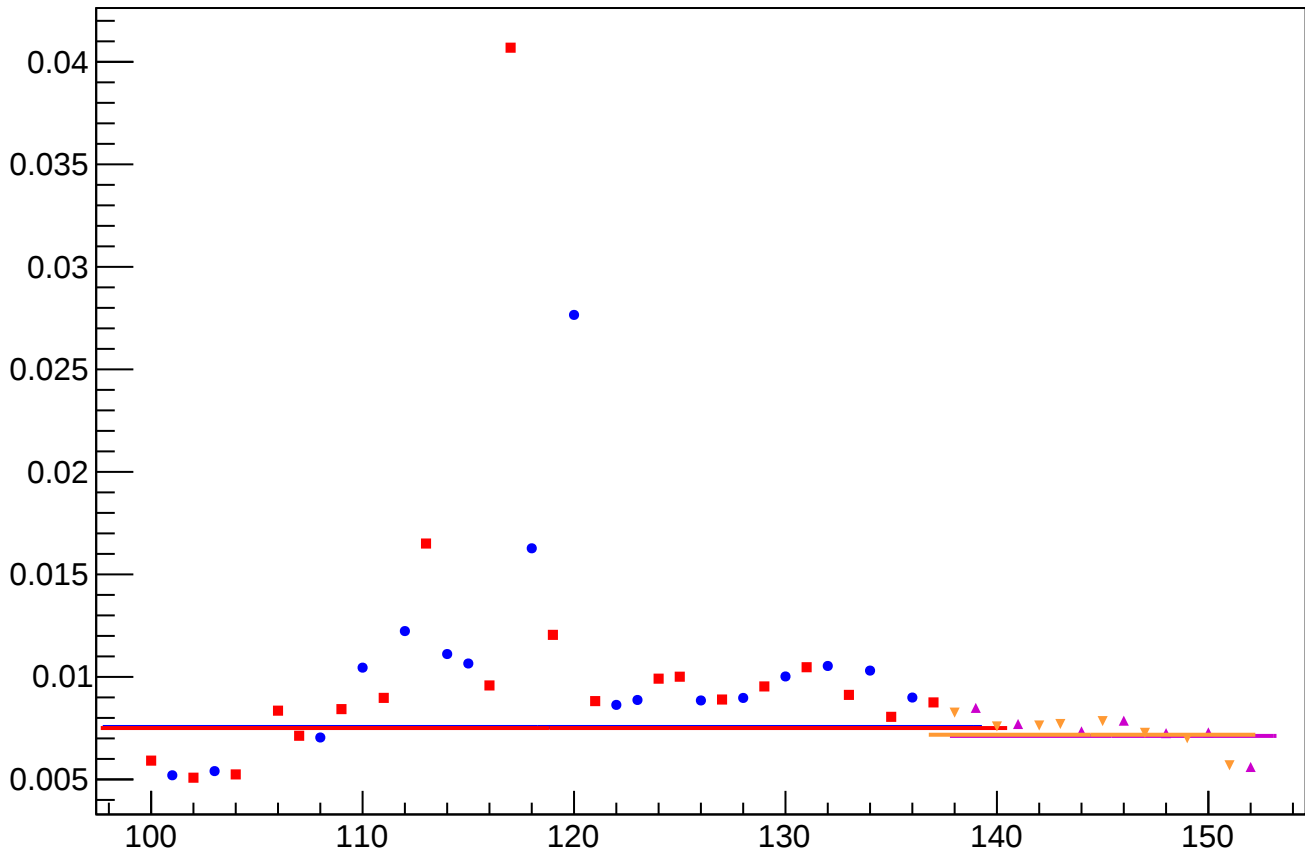
Left In: -1.162+/-0.000 χ^2/NDF : 8607239251.9/6

-1.752+/-0.000 χ^2/NDF : 67197248335.4/24

-1.729+/-0.000 χ^2/NDF : 157390270840.0

-1.707+/-0.000 χ^2/NDF : 89999574789.6/26

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1221004.0/16

Left Out: 0.007+/-0.000 χ^2/NDF :136032.0/7

Right Out: 0.008+/-0.000 χ^2/NDF : 984811.6/19

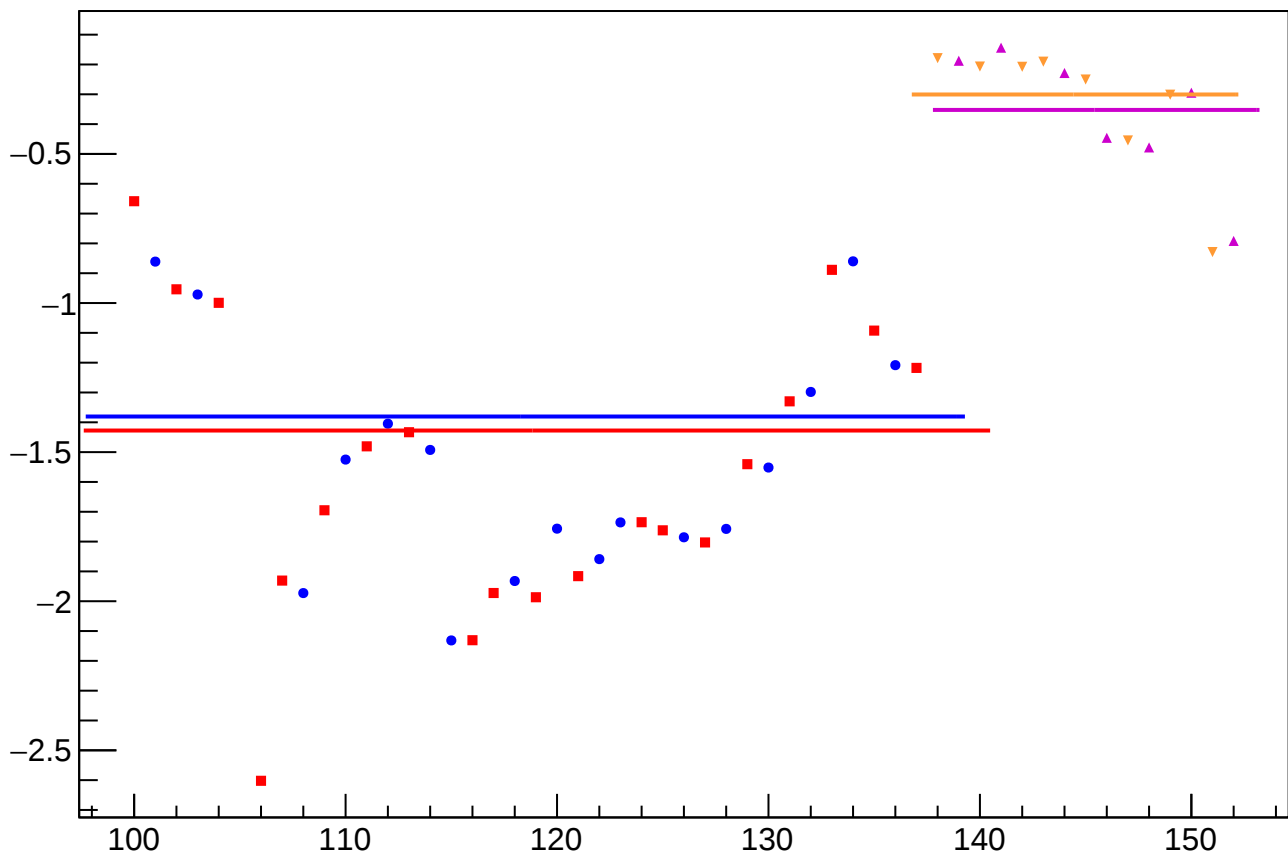
Left In: 0.007+/-0.000 χ^2/NDF :169344.9/6

0.007+/-0.000 χ^2/NDF : 1370454.6/24

0.007+/-0.000 χ^2/NDF : 2539931.6/51

0.007+/-0.000 χ^2/NDF : 1169067.9/26

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381 ± 0.000 $\chi^2/\text{NDF}: 20001018652.5/16$

Left Out: -0.301 ± 0.000 $\chi^2/\text{NDF}: 9141638706.2/7$

-0.625 ± 0.000 $\chi^2/\text{NDF}: 135020625761.6/24$

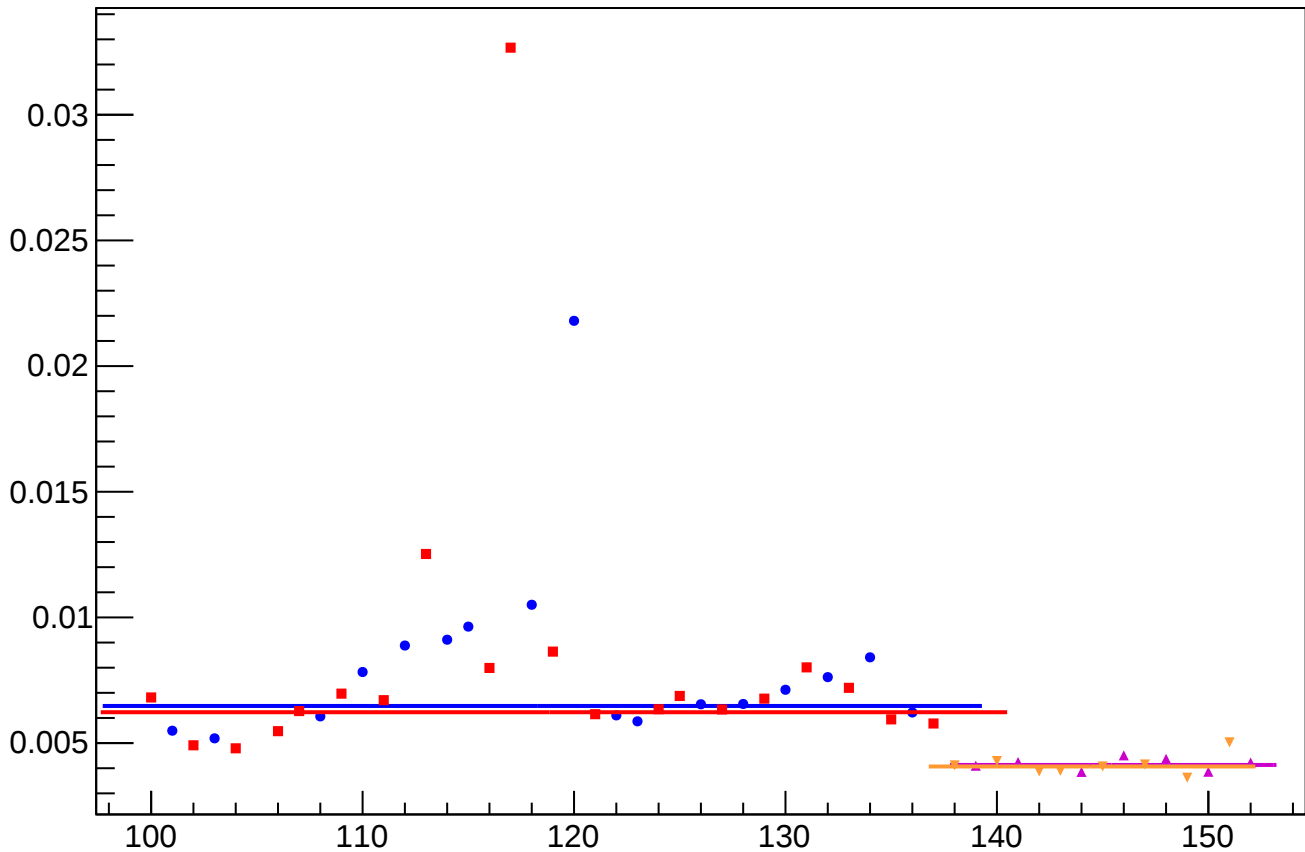
Right Out: -1.428 ± 0.000 $\chi^2/\text{NDF}: 29626603581.6/19$

-0.672 ± 0.000 $\chi^2/\text{NDF}: 295095258178.3$

-0.718 ± 0.000 $\chi^2/\text{NDF}: 158205010221.7/26$

Left In: -0.352 ± 0.000 $\chi^2/\text{NDF}: 12602891181.6/6$

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 : 72434.9/7

Right Out: 0.006+/-0.000 χ^2/NDF : 472534.6/19

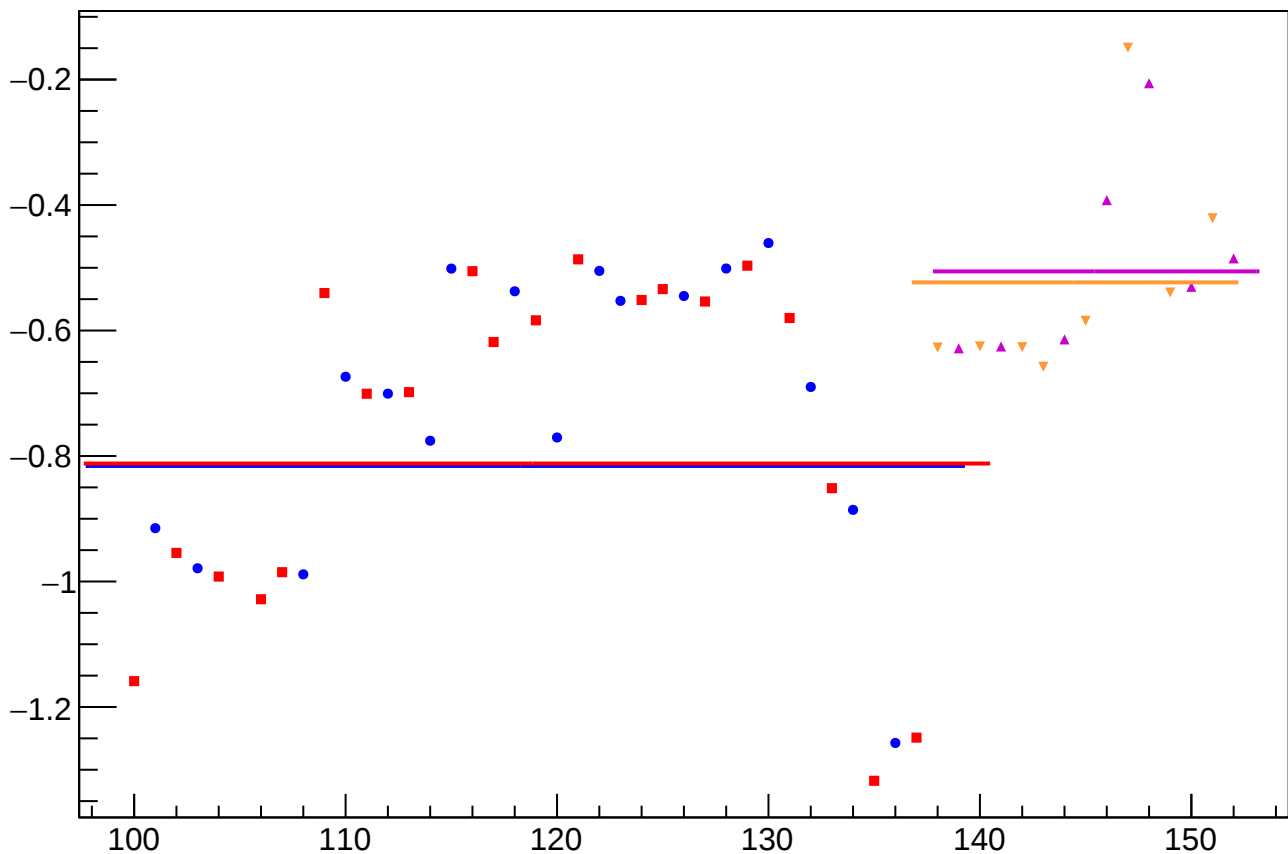
Left In: 0.004+/-0.000 χ^2/NDF : 31229.7/6

0.005+/-0.000 χ^2/NDF : 1697867.8/24

0.005+/-0.000 χ^2/NDF : 3085686.4/51

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: -0.523 ± 0.000 χ^2/NDF : 4356940943.9/7

-0.669 ± 0.000 χ^2/NDF : 26937453481.0/24

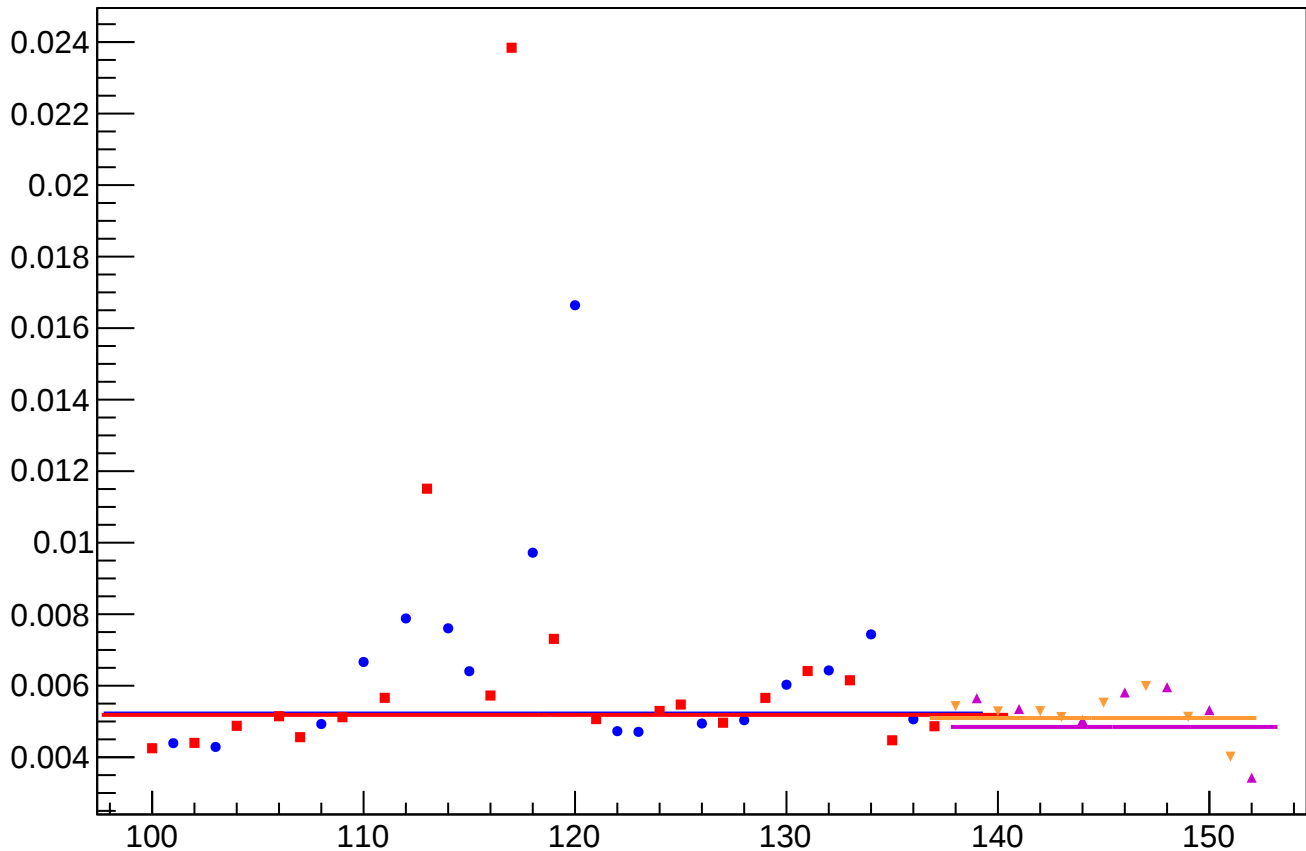
Right Out: -0.812 ± 0.000 χ^2/NDF : 16818378599.3/19

-0.665 ± 0.000 χ^2/NDF : 57284053126.8/5

-0.661 ± 0.000 χ^2/NDF : 30332456961.8/26

Left In: -0.506 ± 0.000 χ^2/NDF : 3270799265.2/6

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 :142342.9/7

Right Out: 0.005+/-0.000 χ^2/NDF : 410640.5/19

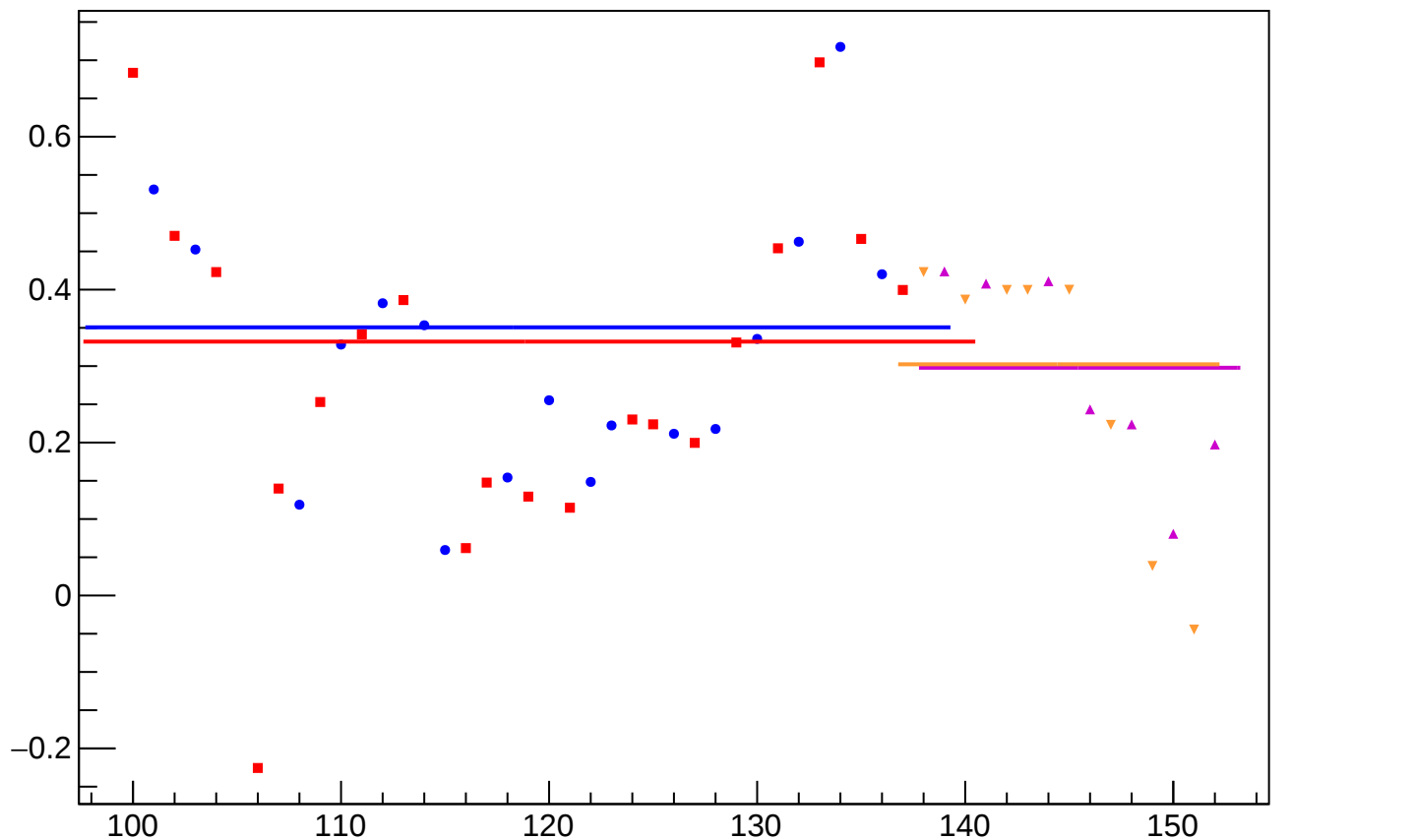
Left In: 0.005+/-0.000 χ^2/NDF :408527.0/6

0.005+/-0.000 χ^2/NDF : 809789.1/24

0.005+/-0.000 χ^2/NDF : 1662058.0/51

0.005+/-0.000 χ^2/NDF : 844112.5/26

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351 $\pm$ 0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.302 $\pm$ 0.000 χ^2/NDF : 9769028006.1/7

Right Out: 0.332 $\pm$ 0.000 χ^2/NDF : 11800695210.2/19

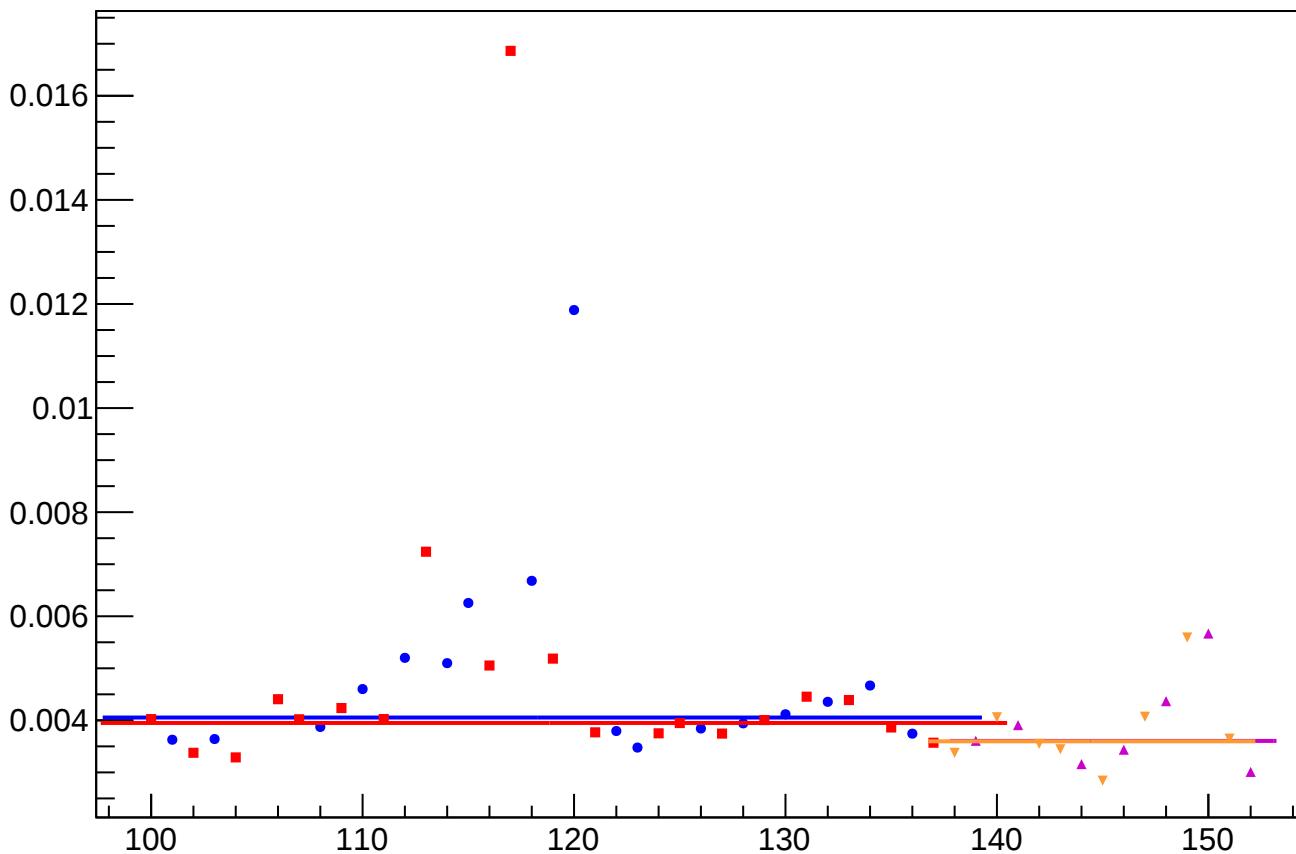
Left In: 0.298 $\pm$ 0.000 χ^2/NDF : 4442332255.8/6

0.326 $\pm$ 0.000 χ^2/NDF : 17589418776.1/24

0.321 $\pm$ 0.000 χ^2/NDF : 34091737372.3/5

0.316 $\pm$ 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 : 310836.2/7

Right Out: 0.004+/-0.000 χ^2/NDF : 304954.7/19

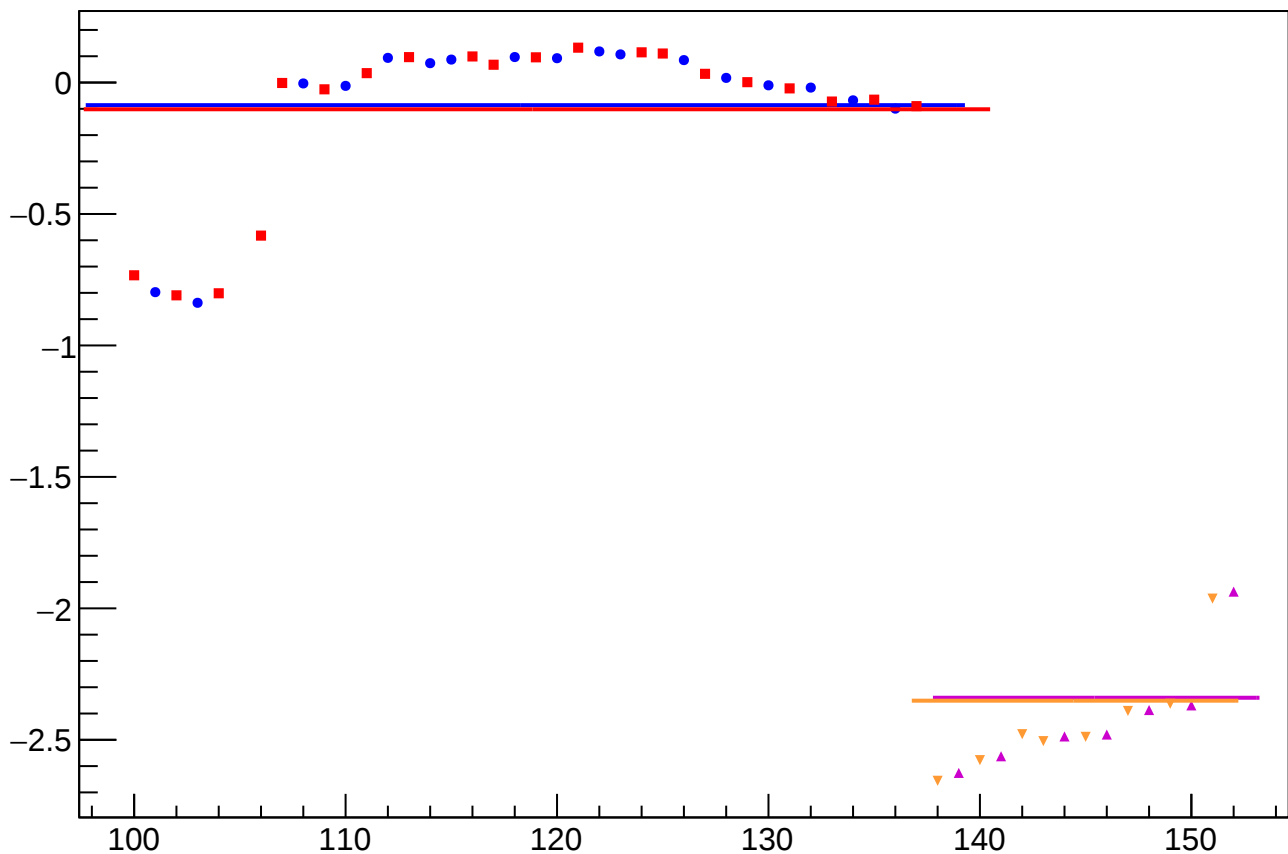
Left In: 0.004+/-0.000 χ^2/NDF : 338925.3/6

0.004+/-0.000 χ^2/NDF : 839332.6/24

0.004+/-0.000 χ^2/NDF : 1529010.9/51

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: -2.351+/-0.000 χ^2/NDF : 2237170534.8/7

Right Out: -0.102+/-0.000 χ^2/NDF : 5566142794.2/19

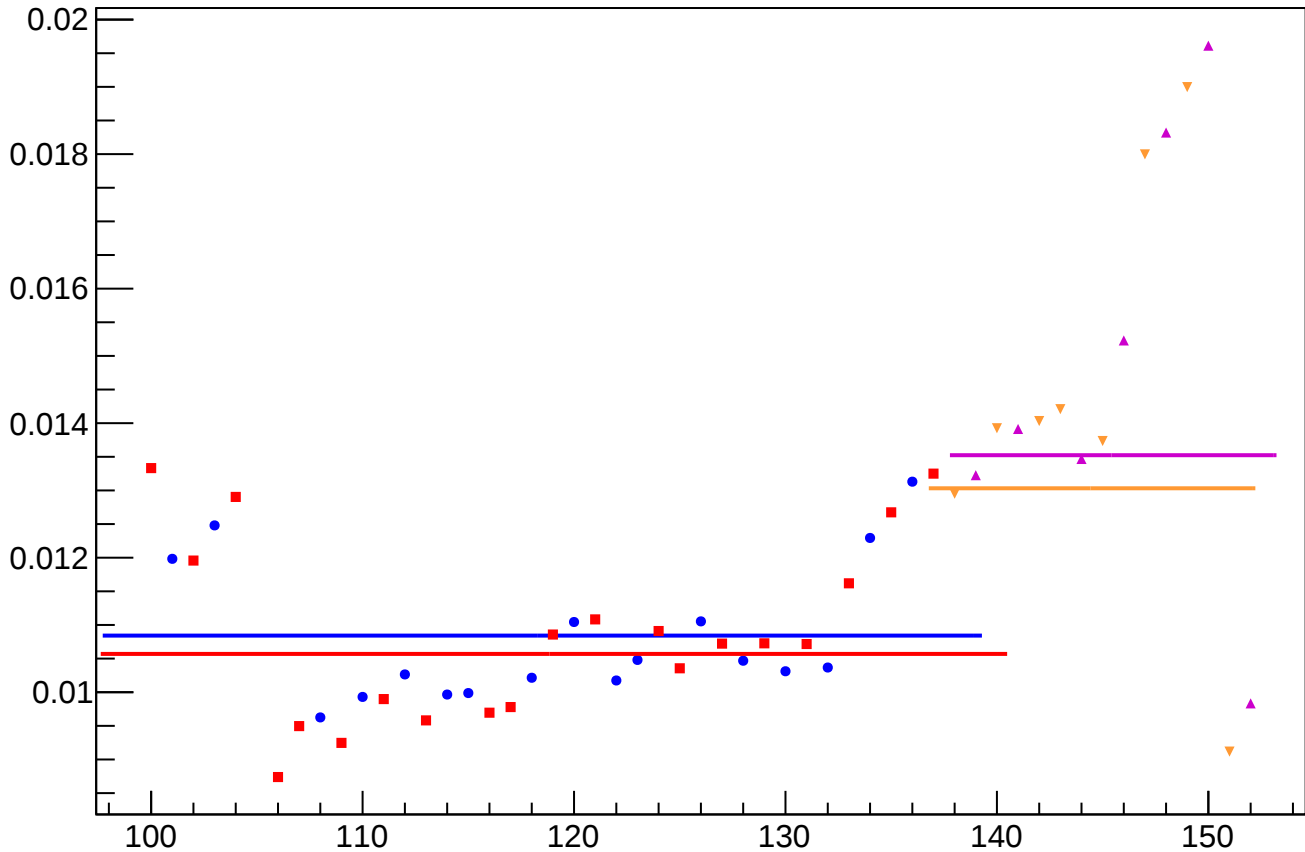
Left In: -2.340+/-0.000 χ^2/NDF : 2093293780.6/6

-0.906+/-0.000 χ^2/NDF : 112048105782.3/24

-0.859+/-0.000 χ^2/NDF : 220894231251.8

-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: 0.013+/-0.000 χ^2/NDF : 591250.3/7

Right Out: 0.011+/-0.000 χ^2/NDF : 179537.7/19

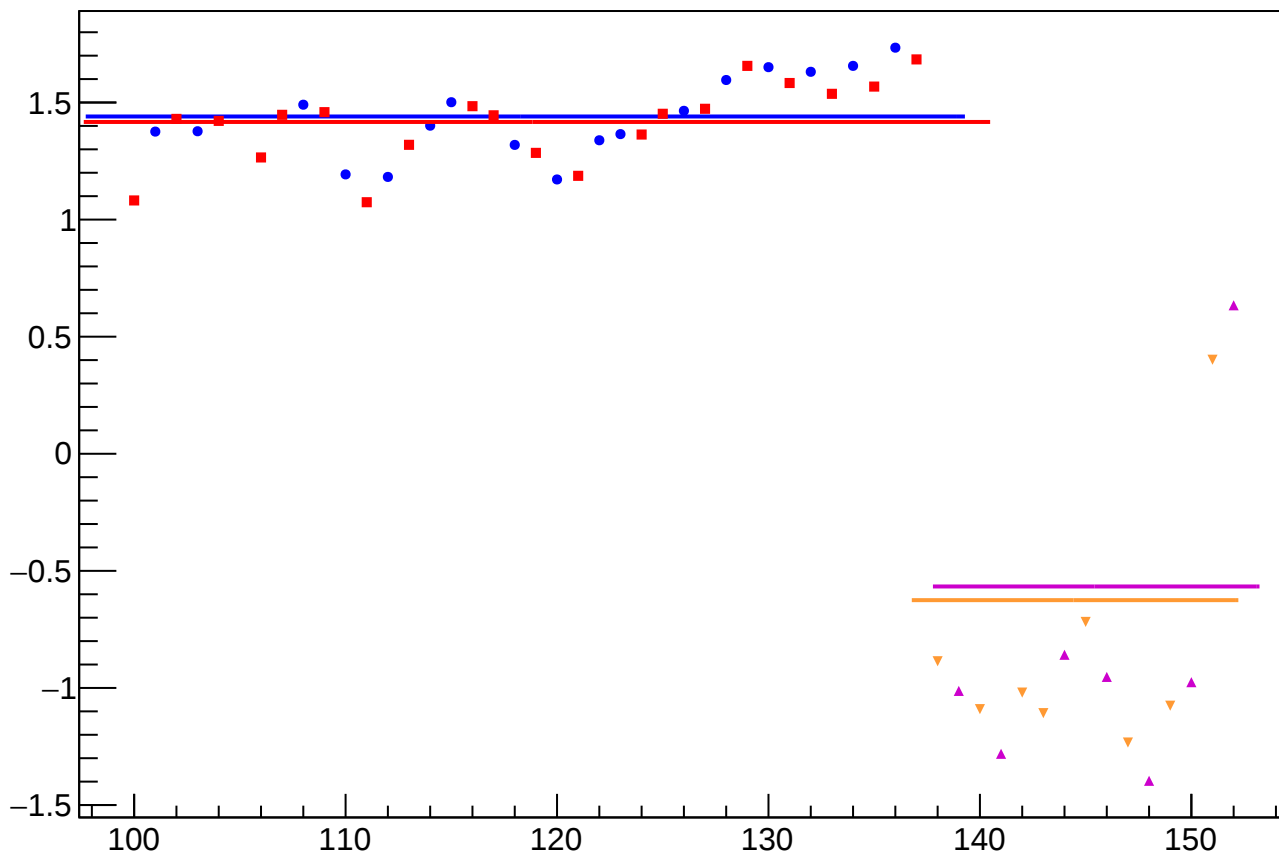
Left In: 0.014+/-0.000 χ^2/NDF : 529961.0/6

0.012+/-0.000 χ^2/NDF : 911486.4/24

0.012+/-0.000 χ^2/NDF : 1973621.9/51

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: -0.625 $\pm$ 0.000 χ^2 /NDF: 23297255127.7/7

Right Out: 1.417 $\pm$ 0.000 χ^2 /NDF: 2674679406.4/19

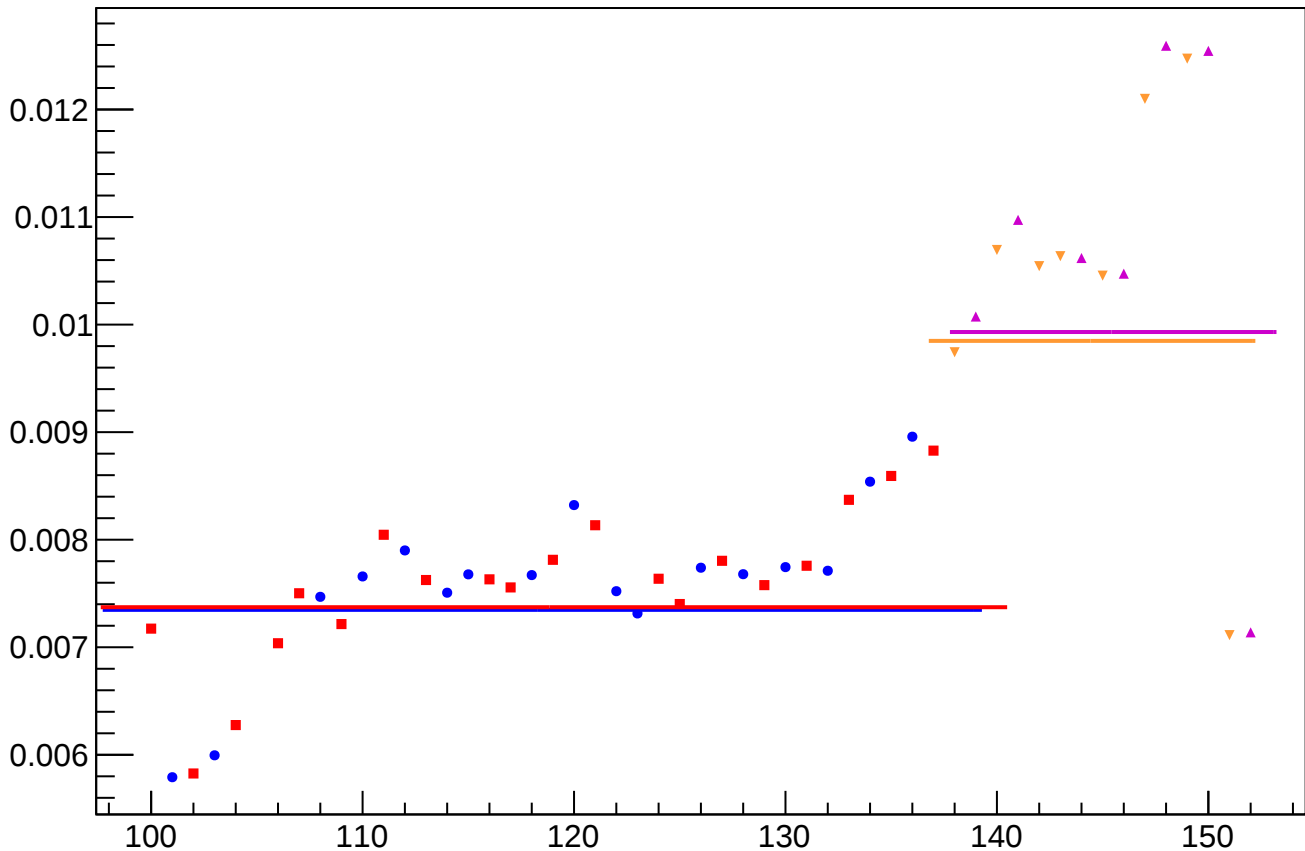
Left In: -0.567 $\pm$ 0.000 χ^2 /NDF: 34417522490.2/6

0.781 $\pm$ 0.000 χ^2 /NDF: 192995272399.6/24

0.803 $\pm$ 0.000 χ^2 /NDF: 383032891921.5/

0.824 $\pm$ 0.000 χ^2 /NDF: 189867272011.9/26

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 228163.6/16

Left Out: 0.010+/-0.000 χ^2/NDF : 381670.9/7

Right Out: 0.007+/-0.000 χ^2/NDF : 172741.0/19

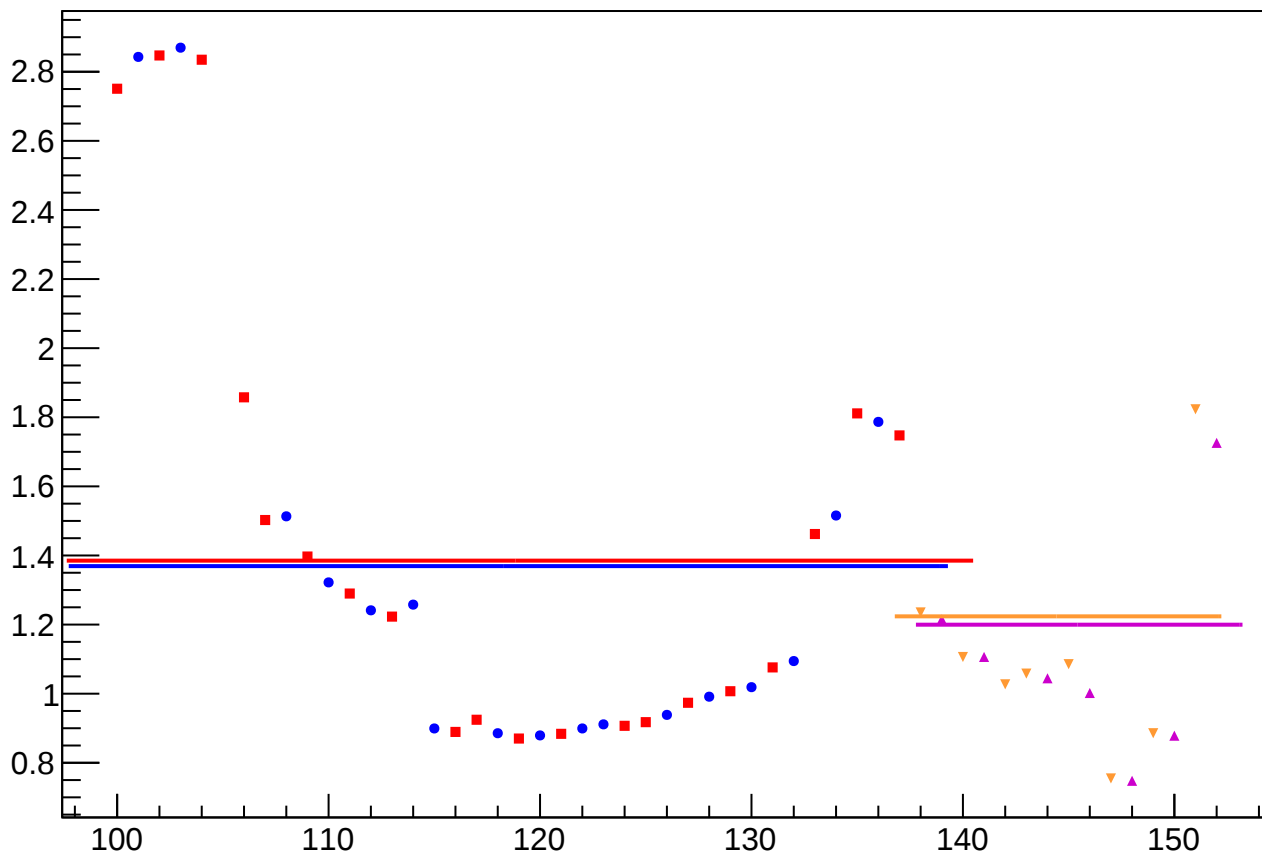
Left In: 0.010+/-0.000 χ^2/NDF : 426584.2/6

0.008+/-0.000 χ^2/NDF : 1097318.2/24

0.008+/-0.000 χ^2/NDF : 2205099.9/51

0.008+/-0.000 χ^2/NDF : 1107766.1/26

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.369 +/- 0.000 χ^2/NDF : 54205395389.8/16

Left Out: 1.224 +/- 0.000 χ^2/NDF : 7925861442.2/7

Right Out: 1.385 +/- 0.000 χ^2/NDF : 50114562617.6/19

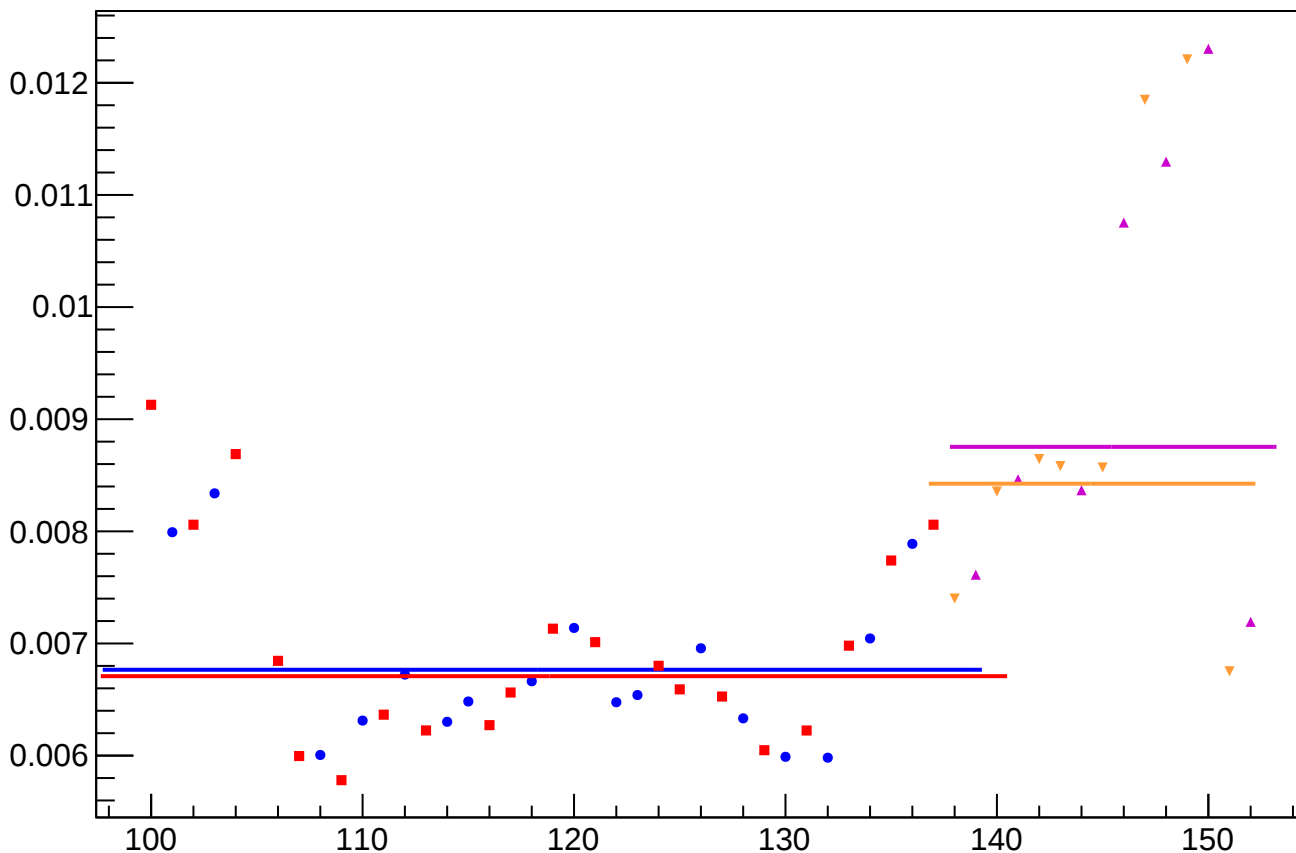
Left In: 1.200 +/- 0.000 χ^2/NDF : 6788272703.7/6

1.320 +/- 0.000 χ^2/NDF : 63163519717.6/24

1.324 +/- 0.000 χ^2/NDF : 121712016621.2/24

1.329 +/- 0.000 χ^2/NDF : 58540316766.2/26

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 159554.9/16

Left Out: 0.008 $\pm$ 0.000 χ^2/NDF : 372088.6/7

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 187869.7/19

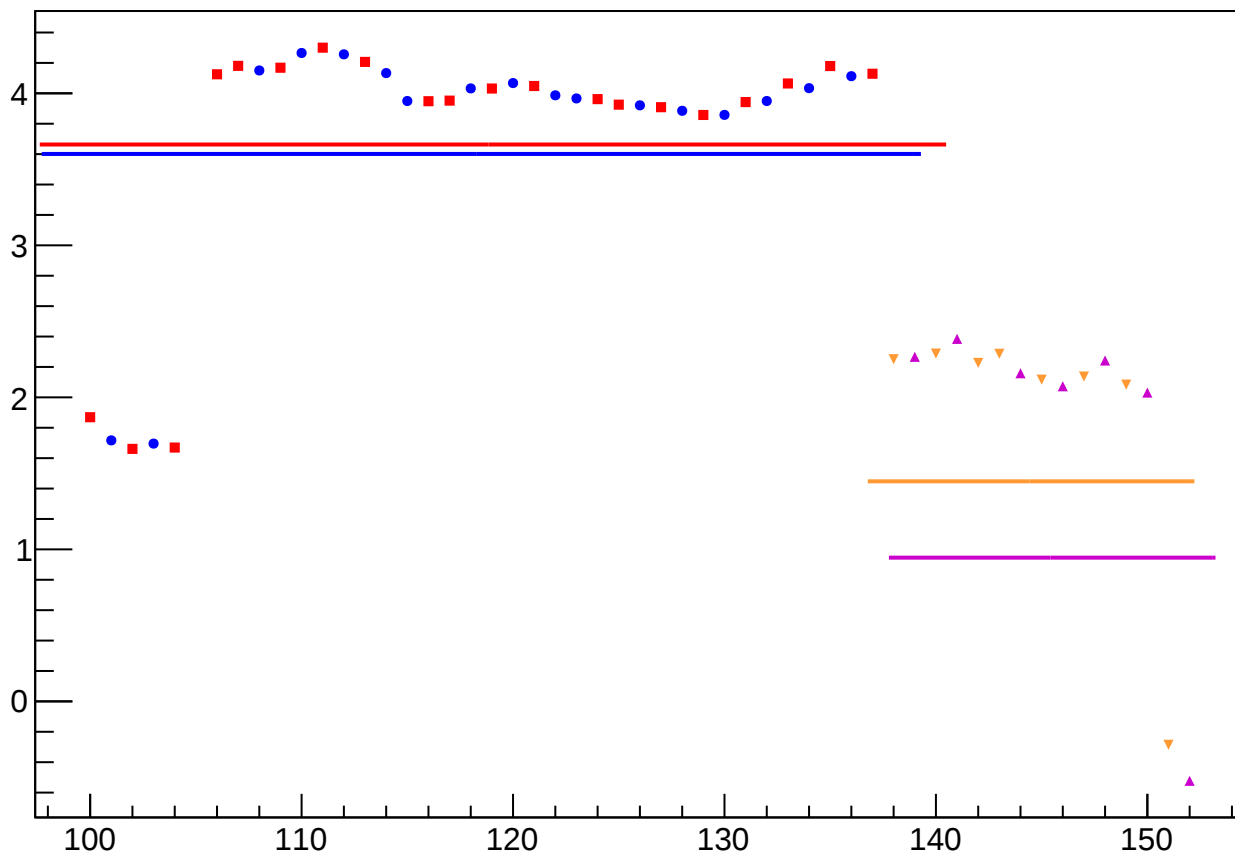
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 372260.9/6

0.007 $\pm$ 0.000 χ^2/NDF : 800636.8/24

0.007 $\pm$ 0.000 χ^2/NDF : 1759288.5/51

0.007 $\pm$ 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: 1.448 $\pm$ 0.000 χ^2 /NDF: 144292981027.8/7

Right Out: 3.663 $\pm$ 0.000 χ^2 /NDF: 192640409625.9/19

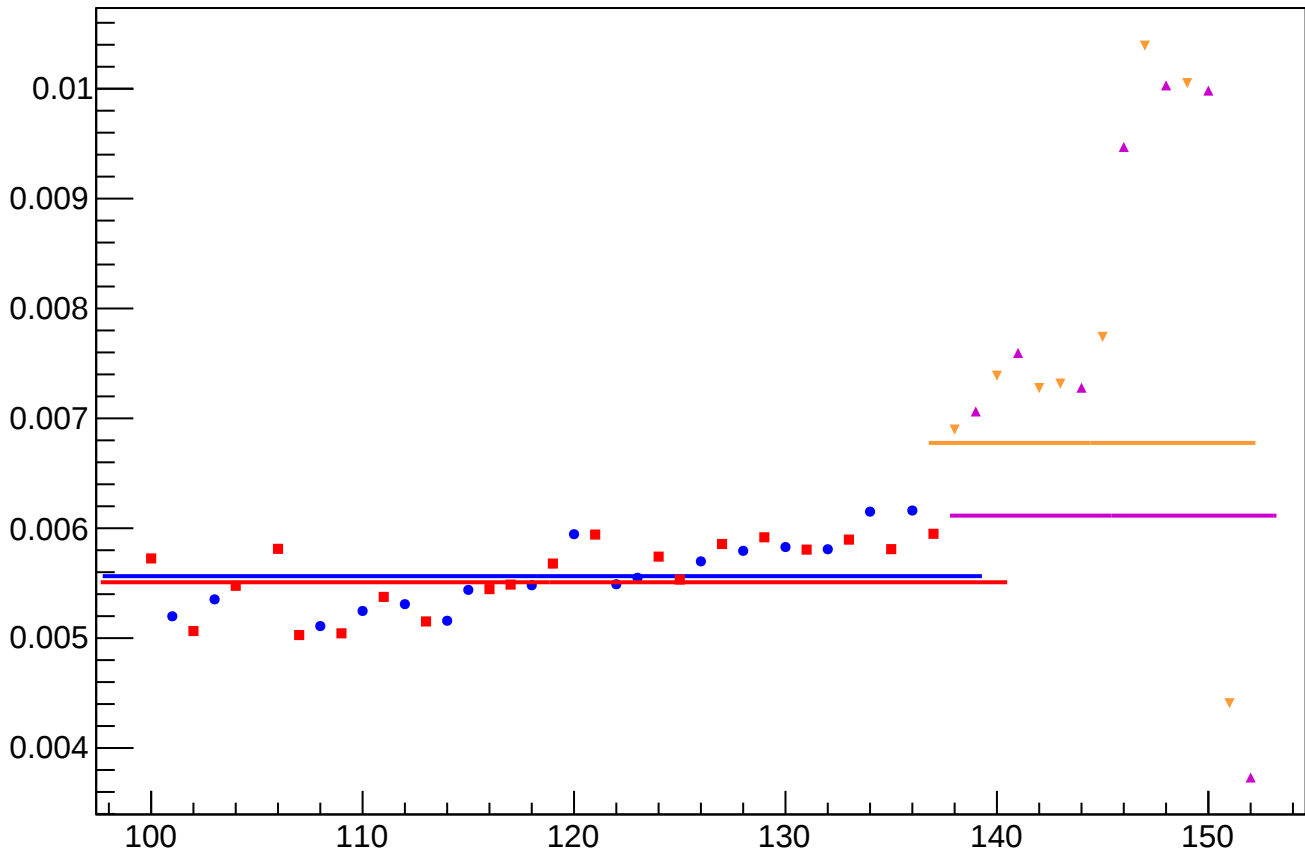
Left In: 0.946 $\pm$ 0.000 χ^2 /NDF: 232165099003.3/6

2.882 $\pm$ 0.000 χ^2 /NDF: 664285309623.2/24

2.794 $\pm$ 0.000 χ^2 /NDF: 1690133549673.9

2.712 $\pm$ 0.000 χ^2 /NDF: 1020947387864.4/26

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.007+/-0.000 χ^2/NDF : 734134.2/7

Right Out: 0.006+/-0.000 χ^2/NDF : 52636.1/19

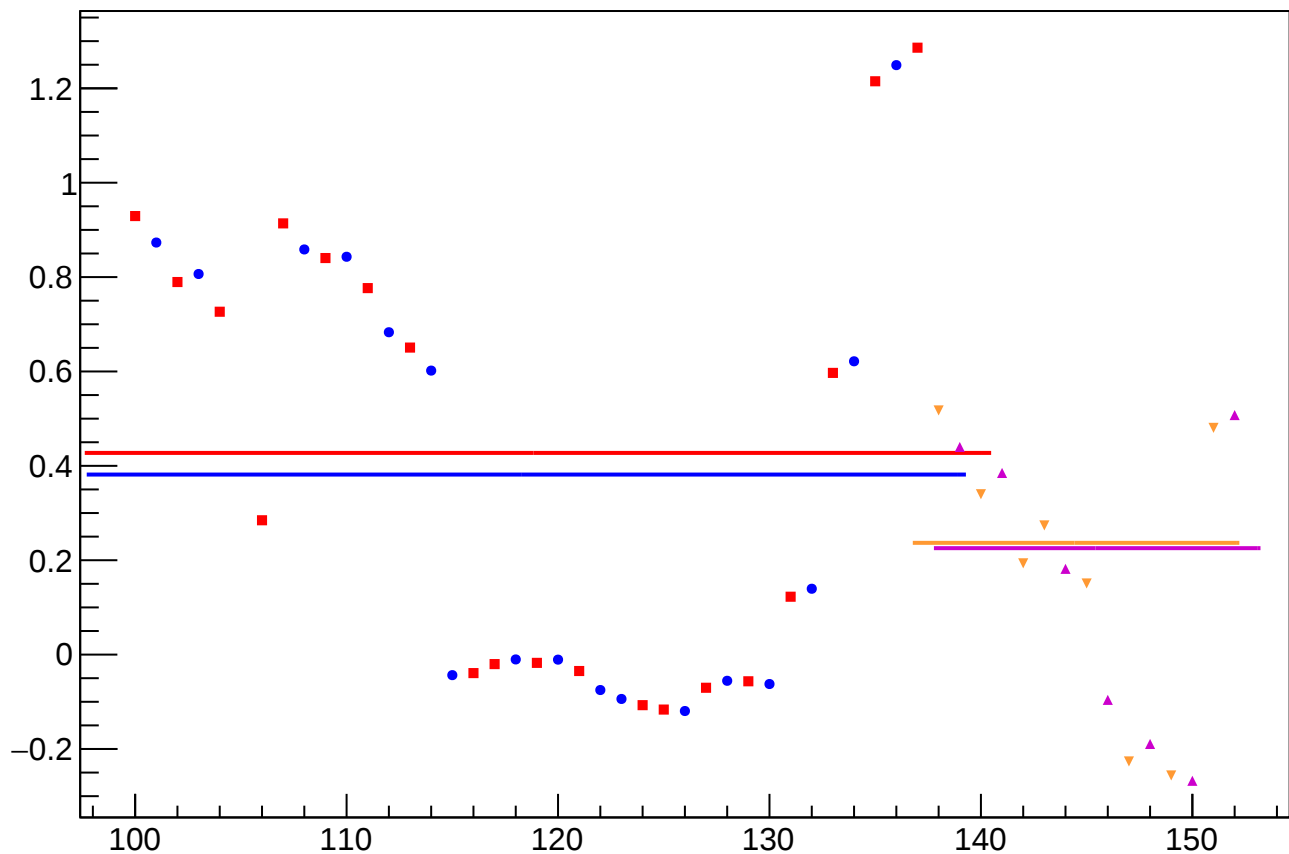
Left In: 0.006+/-0.000 χ^2/NDF : 1414366.0/6

0.006+/-0.000 χ^2/NDF : 993602.2/24

0.006+/-0.000 χ^2/NDF : 2540831.7/51

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: 0.237+/-0.000 χ^2/NDF : 1870393640.1/7

Right Out: 0.427+/-0.000 χ^2/NDF : 6716521382.4/19

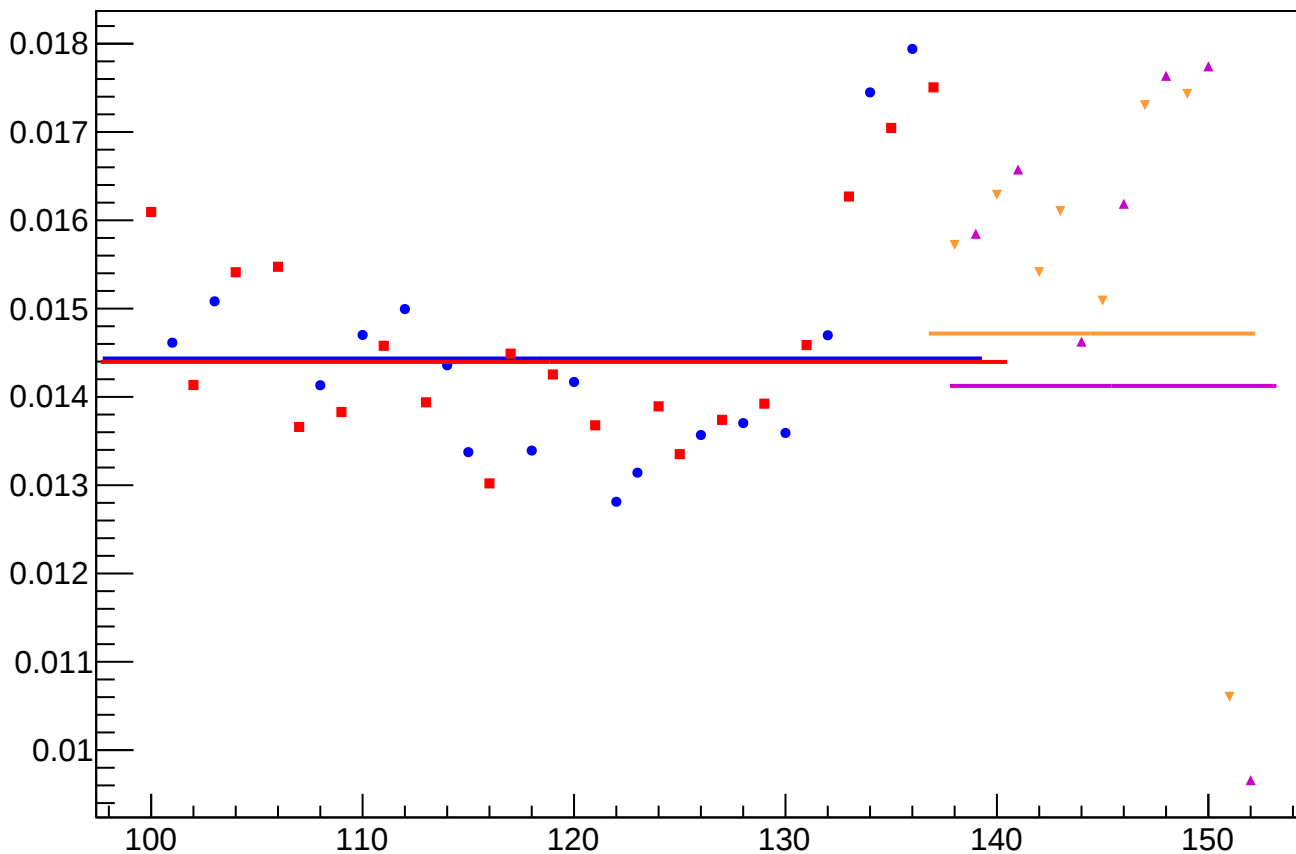
Left In: 0.226+/-0.000 χ^2/NDF : 2315145411.4/6

0.317+/-0.000 χ^2/NDF : 9290334485.5/24

0.328+/-0.000 χ^2/NDF : 18942422199.7/5

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: 0.015 +/- 0.000 χ^2/NDF : 330435.0/7

Right Out: 0.014 +/- 0.000 χ^2/NDF : 74535.1/19

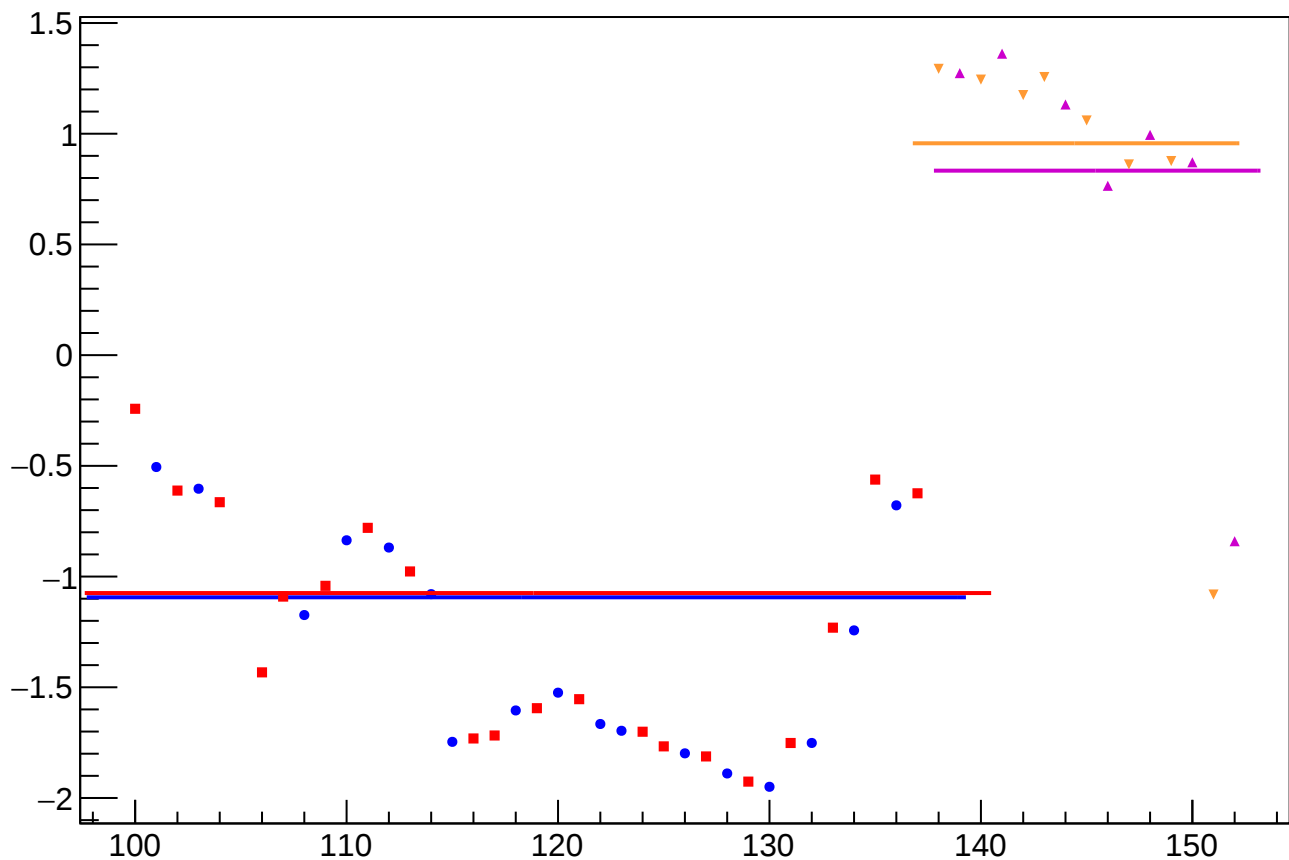
Left In: 0.014 +/- 0.000 χ^2/NDF : 563698.4/6

0.015 +/- 0.000 χ^2/NDF : 442907.2/24

0.014 +/- 0.000 χ^2/NDF : 1088083.6/51

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: 0.957+/-0.000 χ^2/NDF : 107533071036.6/7

Right Out: -1.074+/-0.000 χ^2/NDF : 47208439320.8/19

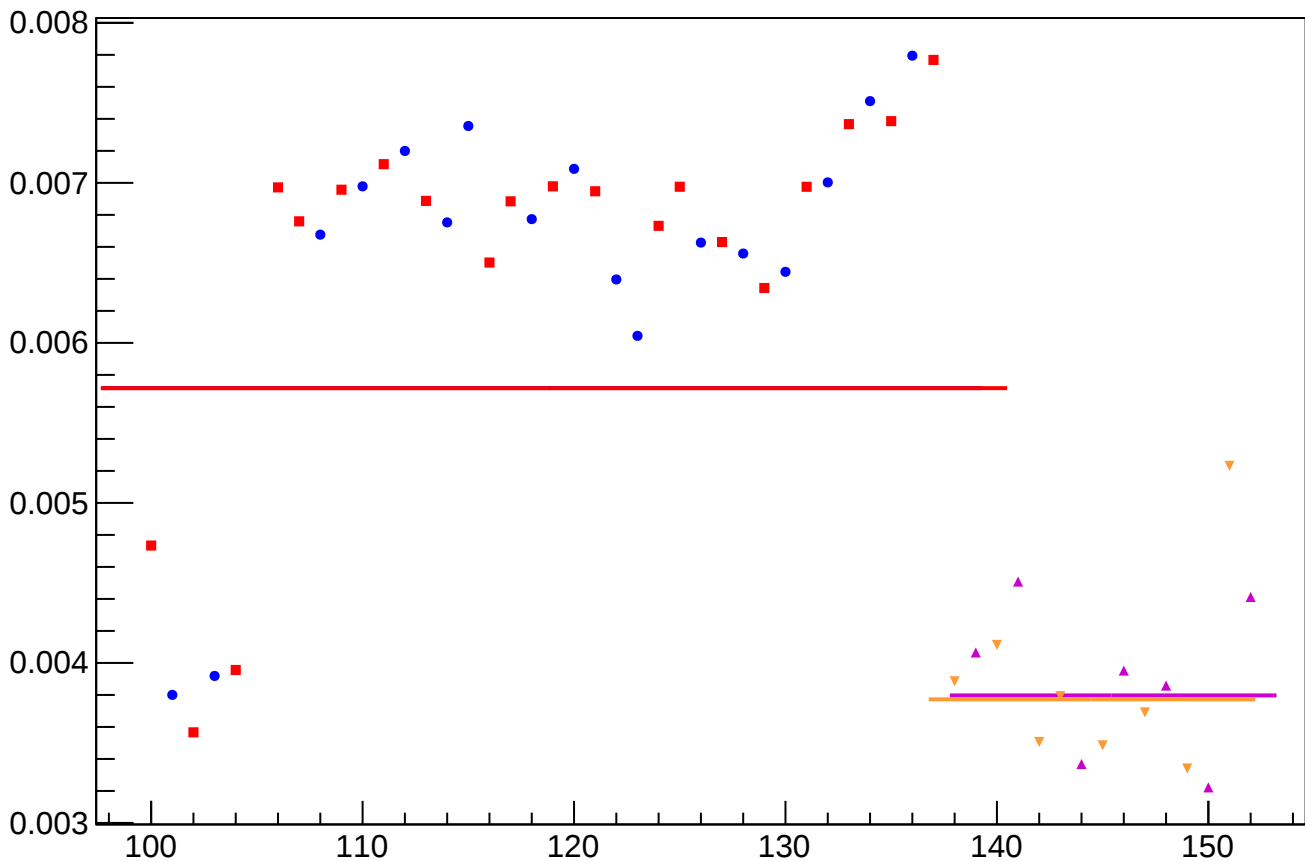
Left In: 0.833+/-0.000 χ^2/NDF : 137733325557.7/6

0.255+/-0.000 χ^2/NDF : 665695138186.8/24

0.204+/-0.000 χ^2/NDF : 1297628683913.0

0.154+/-0.000 χ^2/NDF : 629236472623.2/26

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 837775.0/16

Left Out: 0.004+/-0.000 χ^2/NDF : 142419.3/7

Right Out: 0.006+/-0.000 χ^2/NDF : 925957.4/19

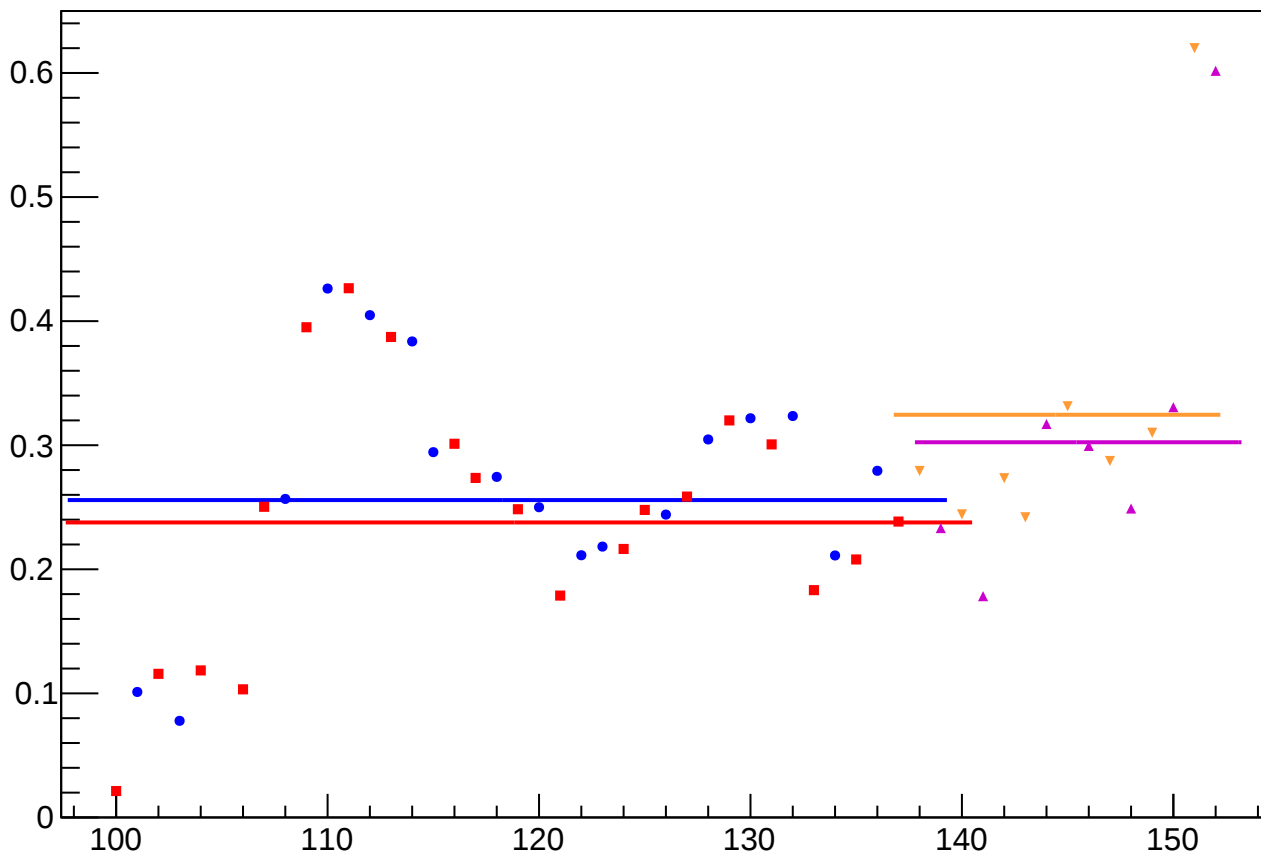
Left In: 0.004+/-0.000 χ^2/NDF : 150662.8/6

0.004+/-0.000 χ^2/NDF : 1883994.8/24

0.004+/-0.000 χ^2/NDF : 3861867.3/51

0.004+/-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: 0.325 $\pm$ 0.000 χ^2/NDF : 27233476444.1/7

Right Out: 0.238 $\pm$ 0.000 χ^2/NDF : 26077768189.7/19

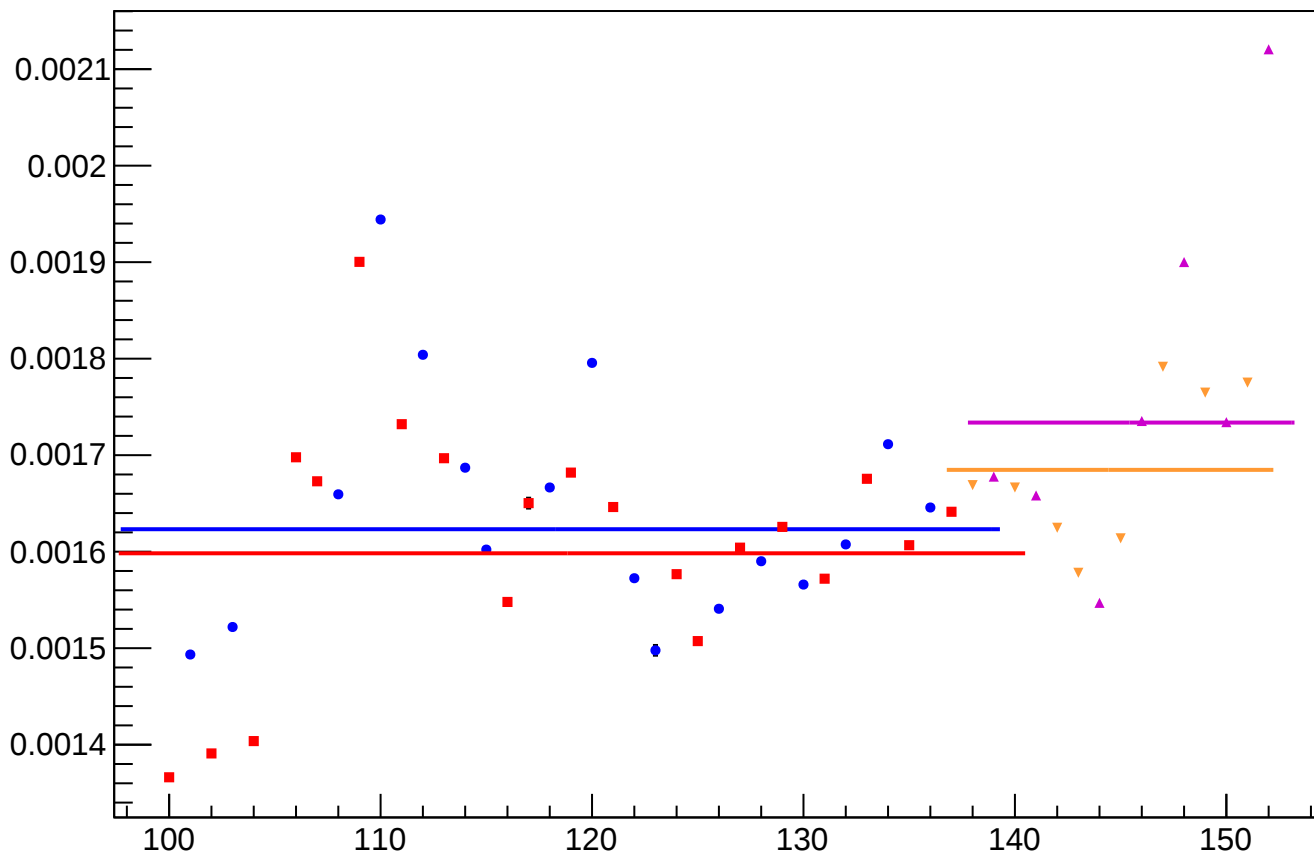
Left In: 0.302 $\pm$ 0.000 χ^2/NDF : 22630007611.7/6

0.287 $\pm$ 0.000 χ^2/NDF : 53811483782.6/24

0.275 $\pm$ 0.000 χ^2/NDF : 108310838693.8/24

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 : 23215.0/7

Right Out: 0.002+/-0.000 χ^2/NDF : 90764.4/19

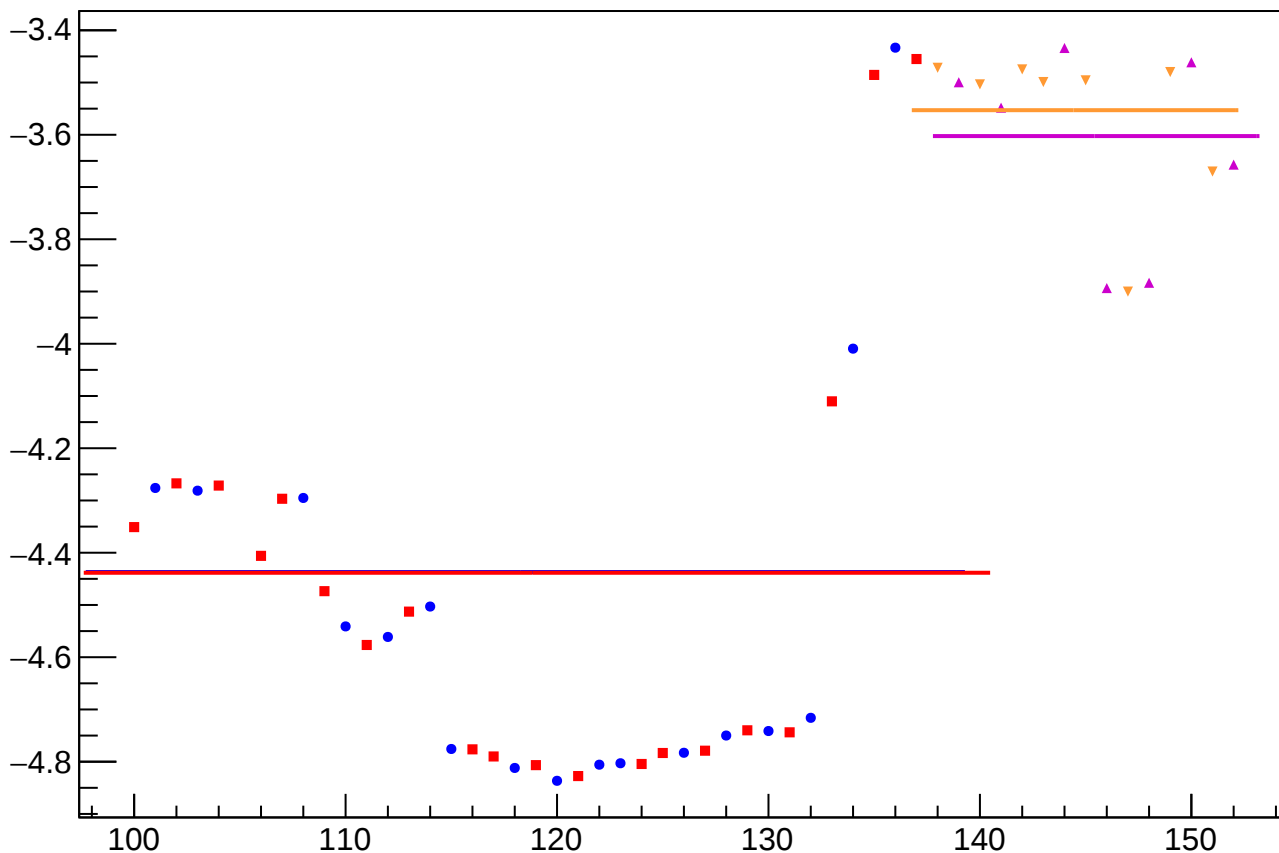
Left In: 0.002+/-0.000 χ^2/NDF : 94399.9/6

0.002+/-0.000 χ^2/NDF : 84026.0/24

0.002+/-0.000 χ^2/NDF : 309450.7/51

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: -3.553+/-0.000 χ^2 /NDF: 23897113997.2/7

-4.066+/-0.000 χ^2 /NDF: 1072448755963.0/24

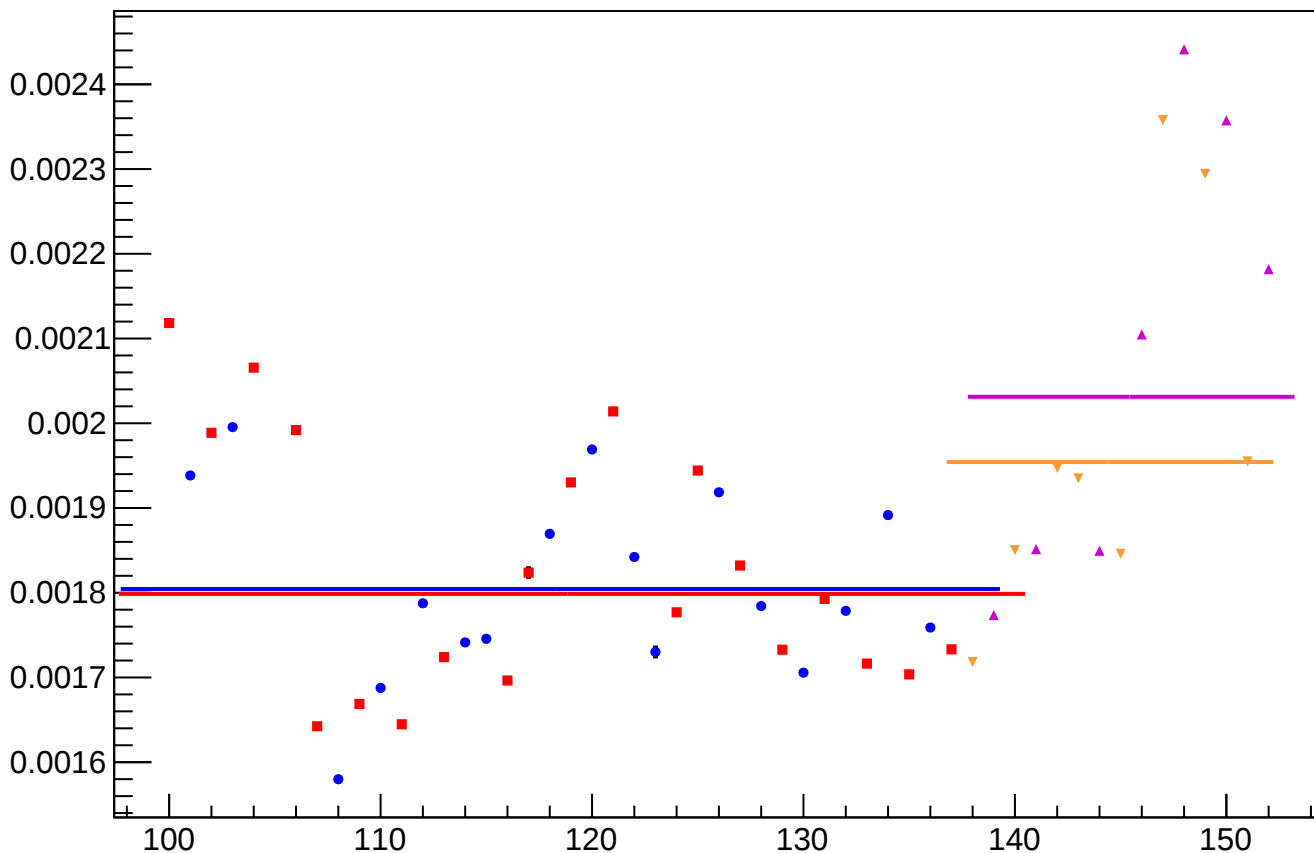
Right Out: -4.438+/-0.000 χ^2 /NDF: 326800745779.7/19

-4.092+/-0.000 χ^2 /NDF: 2014241878857.0/24

-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 :114918.2/7

Right Out: 0.002+/-0.000 χ^2/NDF : 81037.5/19

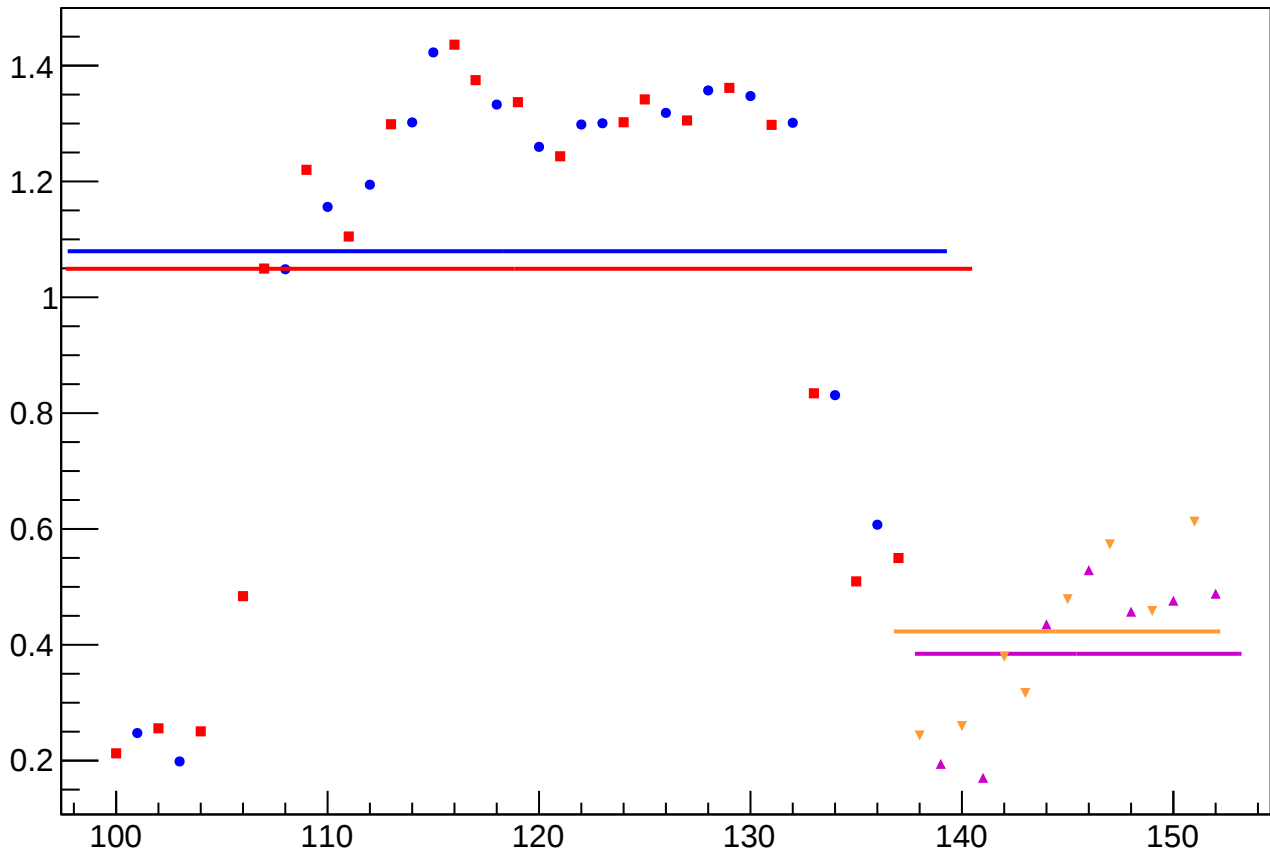
Left In: 0.002+/-0.000 χ^2/NDF :146280.9/6

0.002+/-0.000 χ^2/NDF : 201710.6/24

0.002+/-0.000 χ^2/NDF : 518942.1/51

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: 0.423+/-0.000 χ^2/NDF : 1119216105.5/7

Right Out: 1.049+/-0.000 χ^2/NDF : 19787986428.4/19

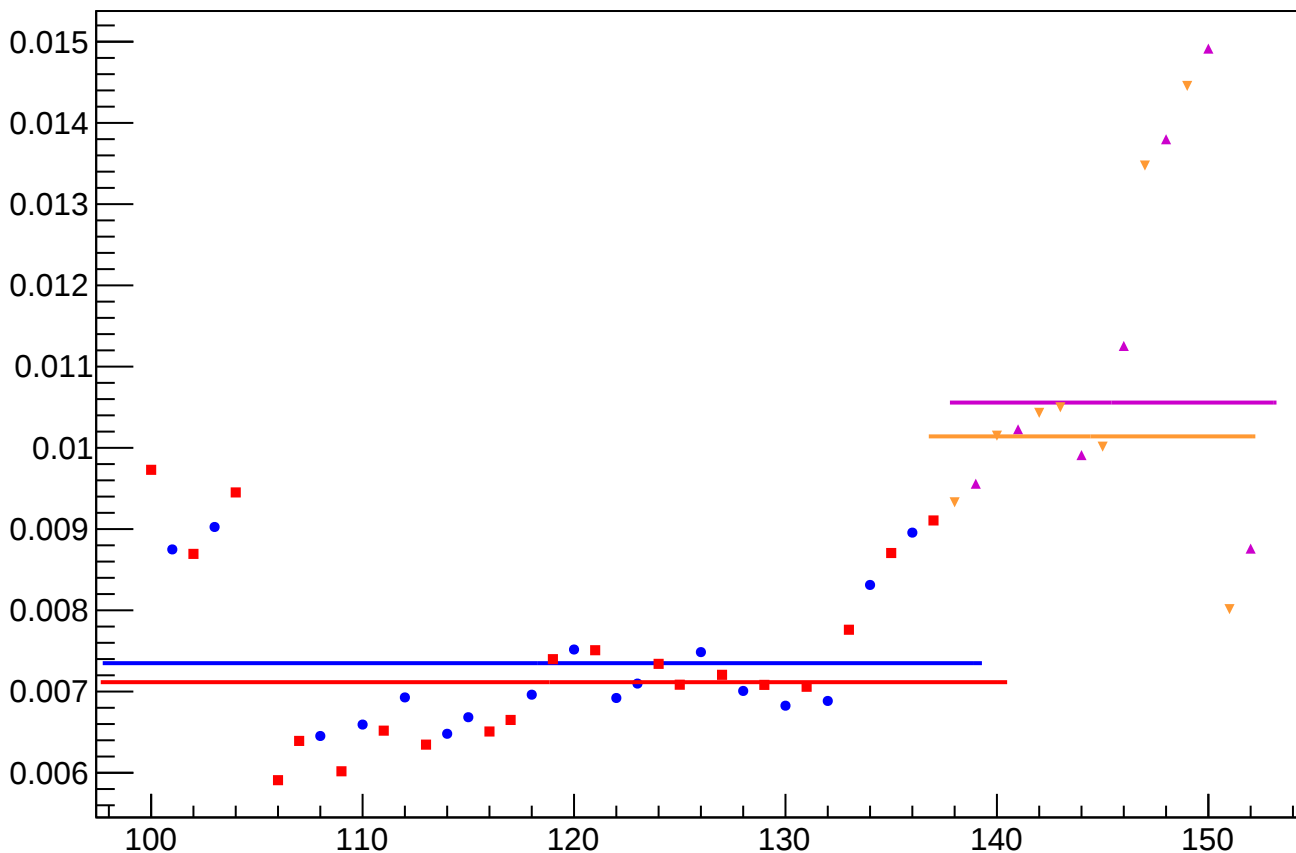
Left In: 0.384+/-0.000 χ^2/NDF : 962179605.2/6

0.878+/-0.000 χ^2/NDF : 34804099756.0/24

0.877+/-0.000 χ^2/NDF : 71623865868.3/5

0.875+/-0.000 χ^2/NDF : 36818677213.2/26

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 180818.7/16

Left Out: 0.010+/-0.000 χ^2/NDF : 363054.5/7

Right Out: 0.007+/-0.000 χ^2/NDF : 259539.3/19

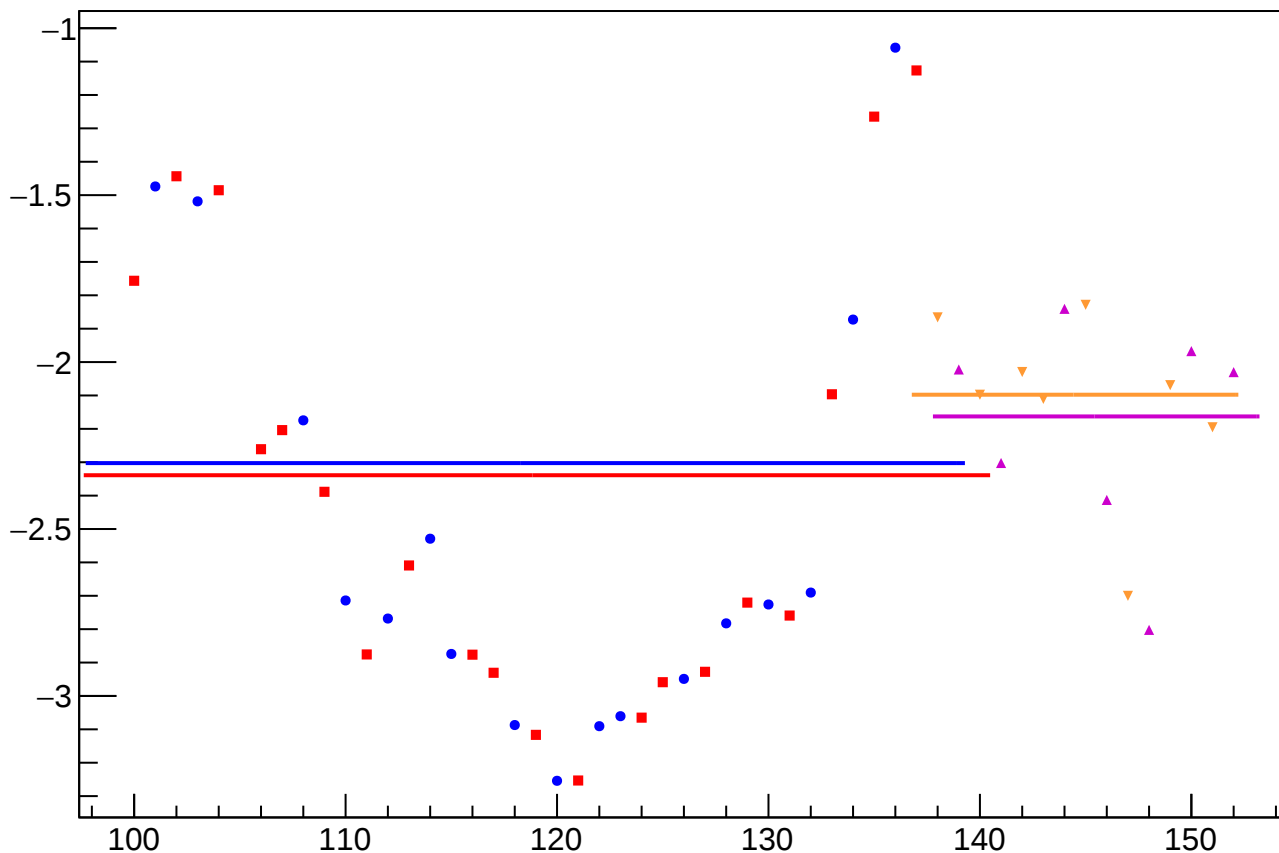
Left In: 0.011+/-0.000 χ^2/NDF : 334568.3/6

0.008+/-0.000 χ^2/NDF : 1128028.0/24

0.008+/-0.000 χ^2/NDF : 2590039.9/51

0.008+/-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: -2.098+/-0.000 χ^2/NDF : 3767486612.5/7

Right Out: -2.339+/-0.000 χ^2/NDF : 64804828308.5/19

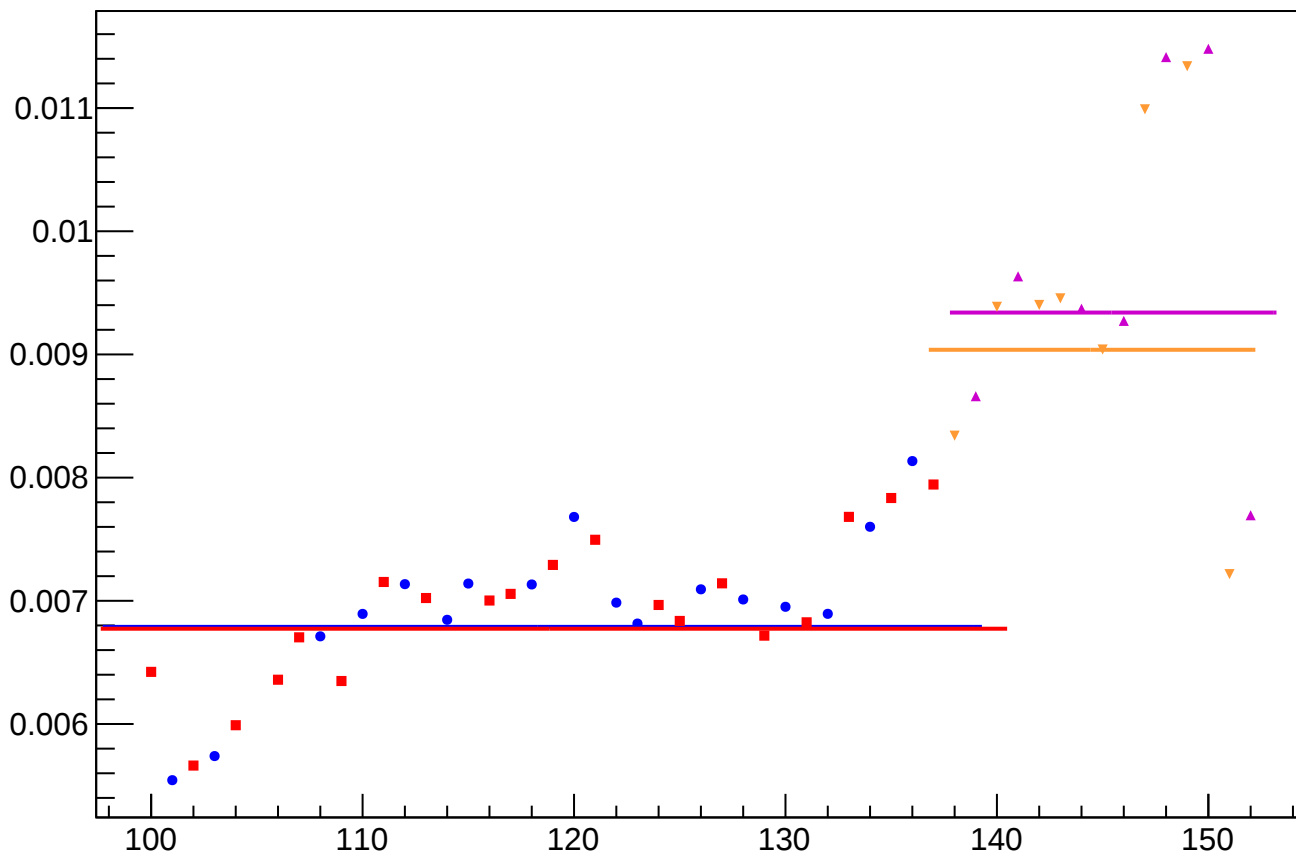
Left In: -2.163+/-0.000 χ^2/NDF : 4968928363.5/6

-2.236+/-0.000 χ^2/NDF : 79483317958.2/24

-2.262+/-0.000 χ^2/NDF : 150944438610.3

-2.287+/-0.000 χ^2/NDF : 71177671720.1/26

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 165199.2/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 232438.9/7

Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 123383.6/19

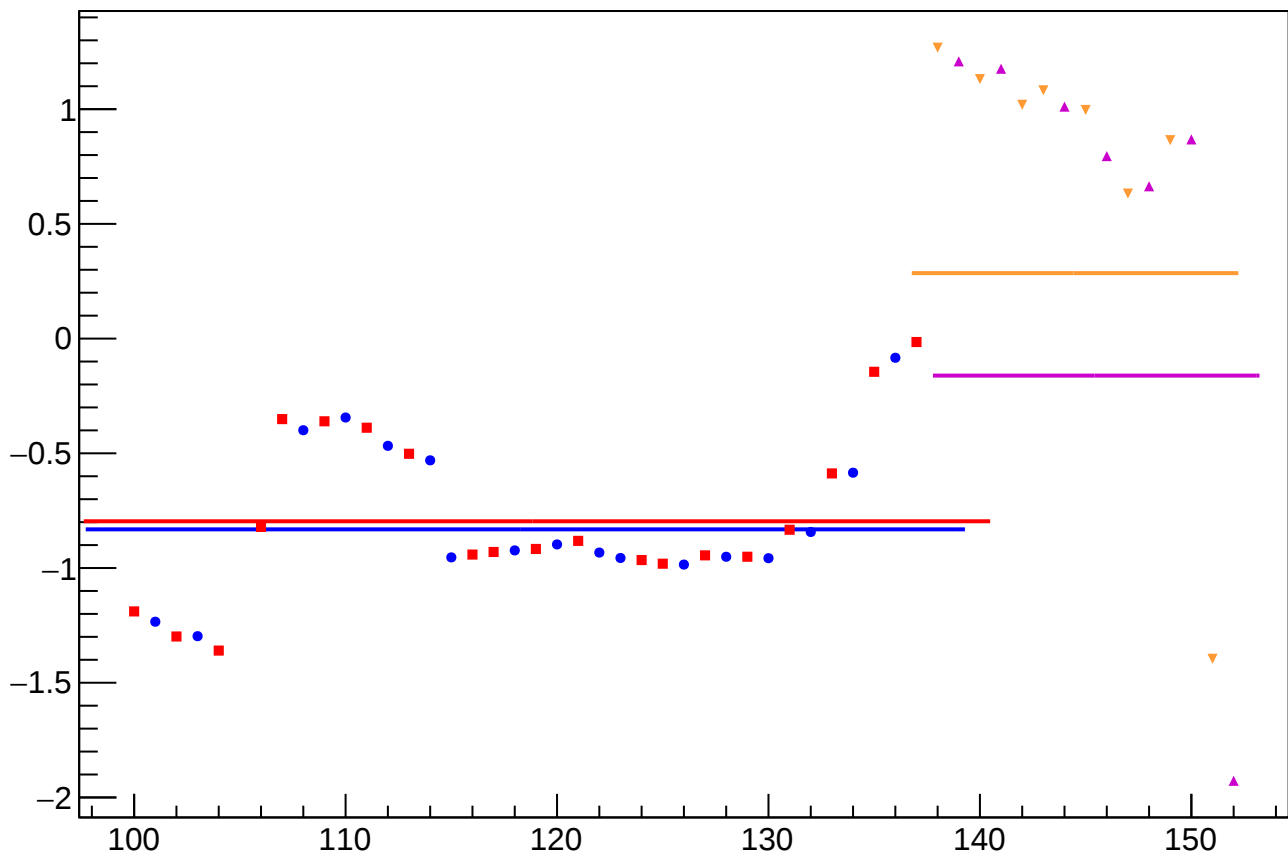
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 198624.4/6

0.008 $\pm$ 0.000 χ^2/NDF : 870349.7/24

0.008 $\pm$ 0.000 χ^2/NDF : 1788699.0/51

0.008 $\pm$ 0.000 χ^2/NDF : 918340.2/26

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831 ± 0.000 χ^2/NDF : 6692170860.9/16

Left Out: 0.285 ± 0.000 χ^2/NDF : 54085812559.5/7

Right Out: -0.796 ± 0.000 χ^2/NDF : 7827622544.3/19

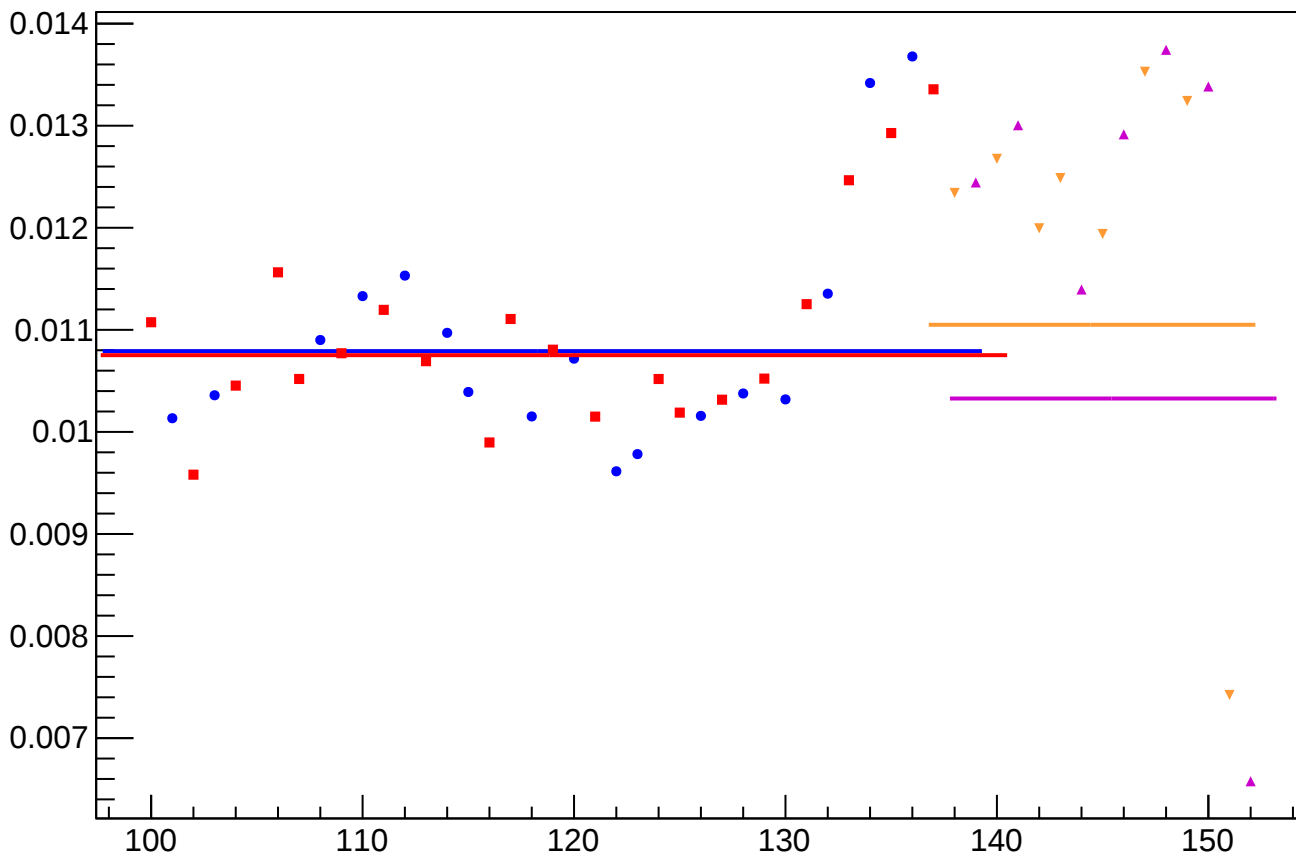
Left In: -0.161 ± 0.000 χ^2/NDF : 96098601708.7/6

-0.344 ± 0.000 χ^2/NDF : 91513524293.5/24

-0.432 ± 0.000 χ^2/NDF : 207689243325.5

-0.514 ± 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: 0.011+/-0.000 χ^2/NDF : 511554.5/7

Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

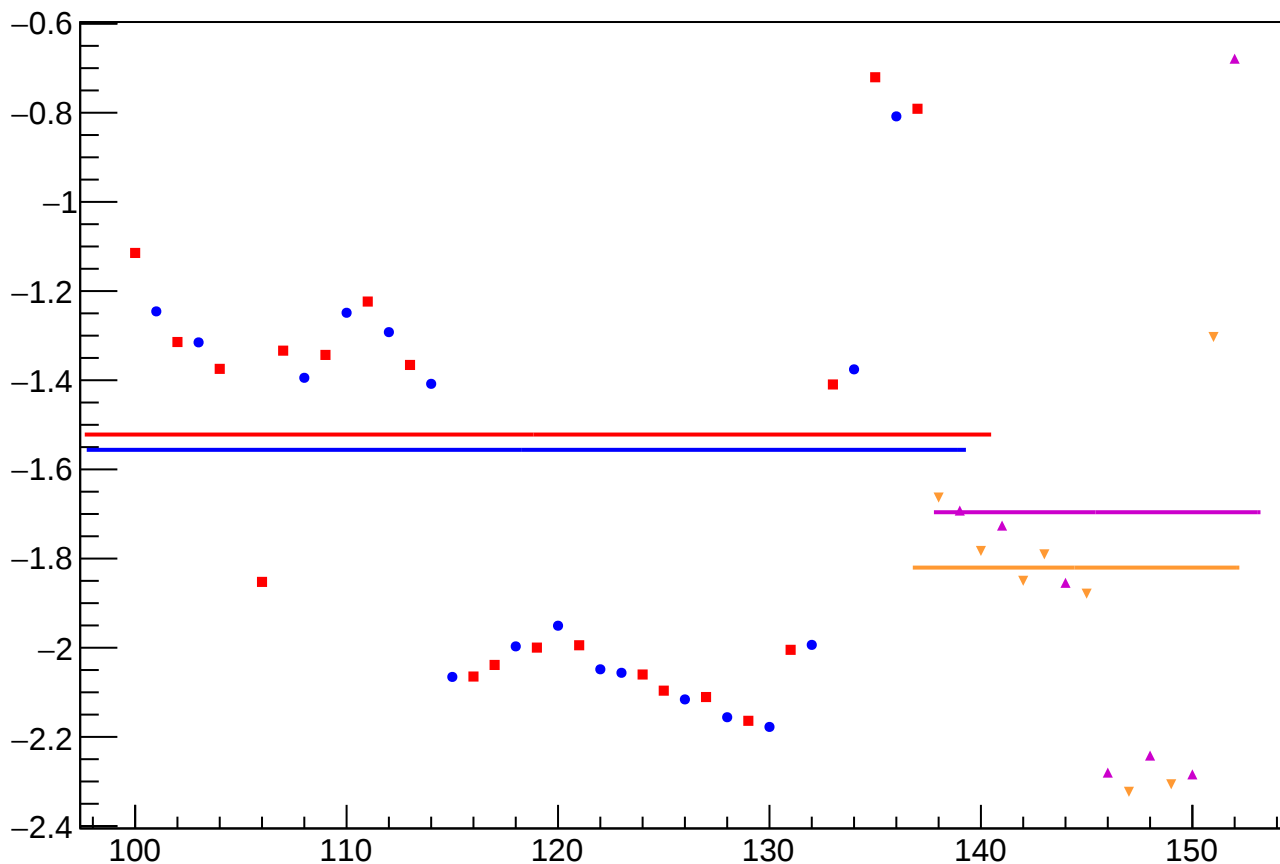
Left In: 0.010+/-0.000 χ^2/NDF : 894569.2/6

0.011+/-0.000 χ^2/NDF : 640642.5/24

0.011+/-0.000 χ^2/NDF : 1647172.3/51

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: -1.820+/-0.000 χ^2/NDF : 29167207013.8/7

Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

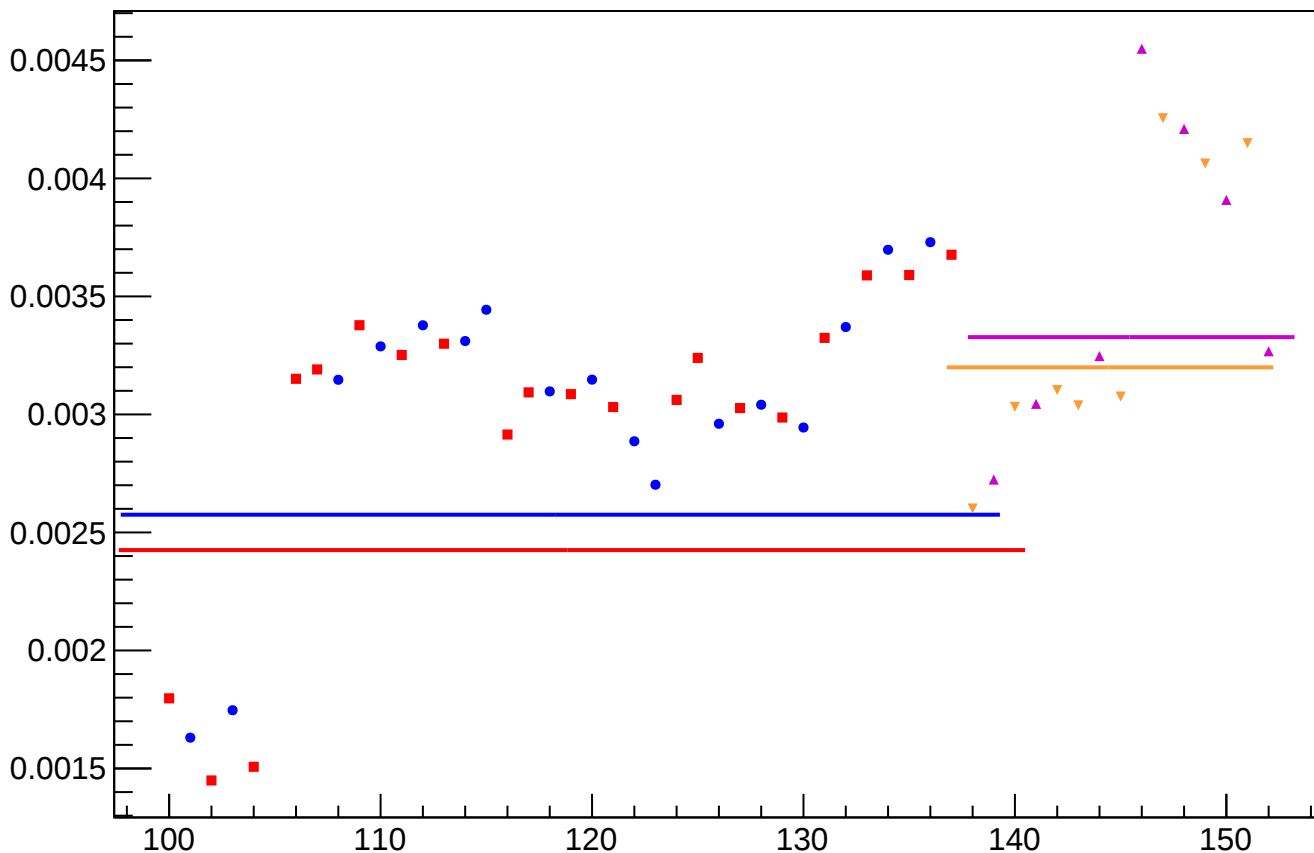
Left In: -1.696+/-0.000 χ^2/NDF : 112409212046.1/6

-1.649+/-0.000 χ^2/NDF : 205069414107.9/24

-1.611+/-0.000 χ^2/NDF : 469555463957.7

-1.575+/-0.000 χ^2/NDF : 260782595442.9/26

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1013833.9/16

Left Out: 0.003+/-0.000 χ^2/NDF : 274116.0/7

Right Out: 0.002+/-0.000 χ^2/NDF : 1493210.7/19

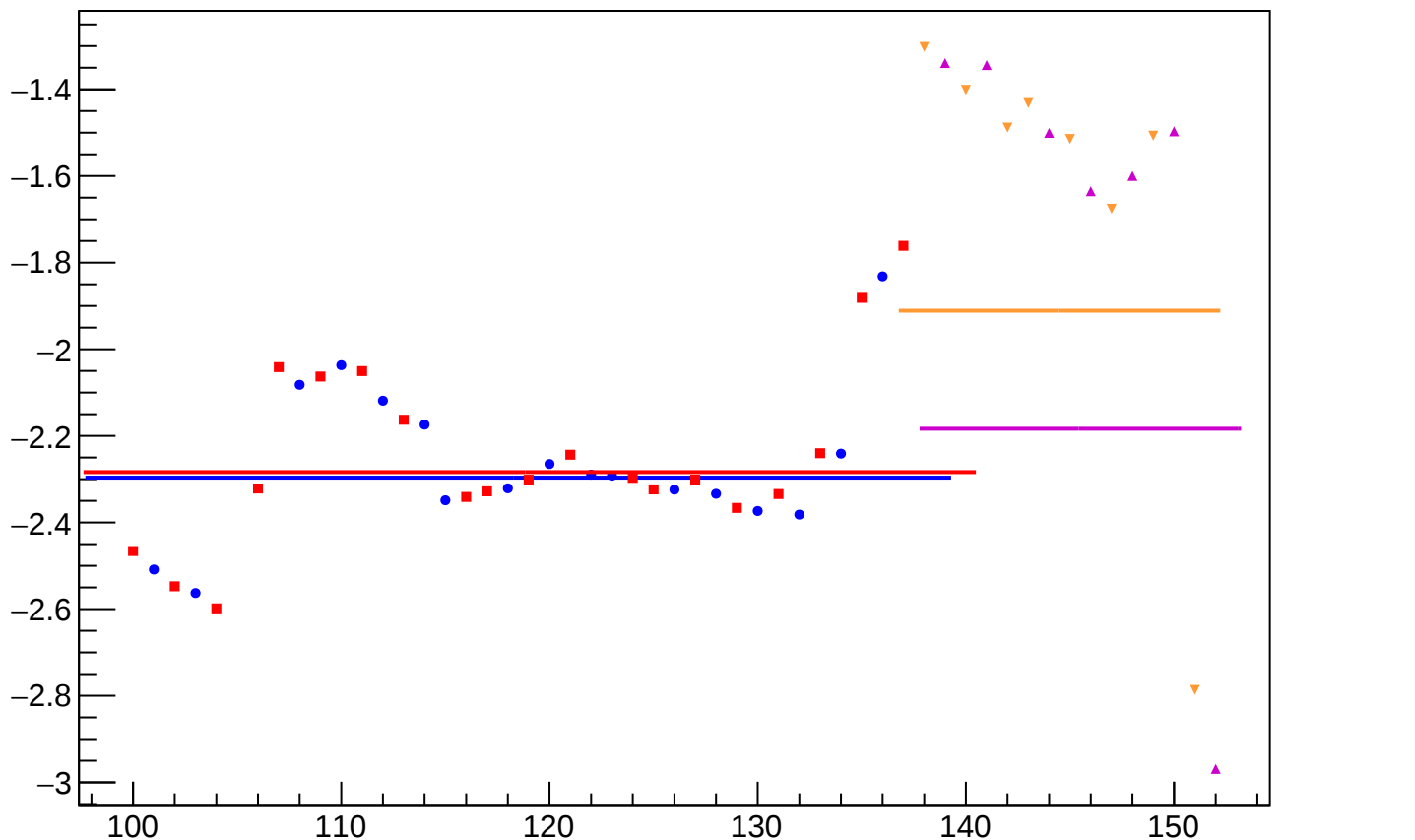
Left In: 0.003+/-0.000 χ^2/NDF : 237824.5/6

0.003+/-0.000 χ^2/NDF : 1521810.8/24

0.003+/-0.000 χ^2/NDF : 3746686.2/51

0.003+/-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: -1.911+/-0.000 χ^2/NDF : 37836085113.6/7

Right Out: -2.284+/-0.000 χ^2/NDF : 6550363990.6/19

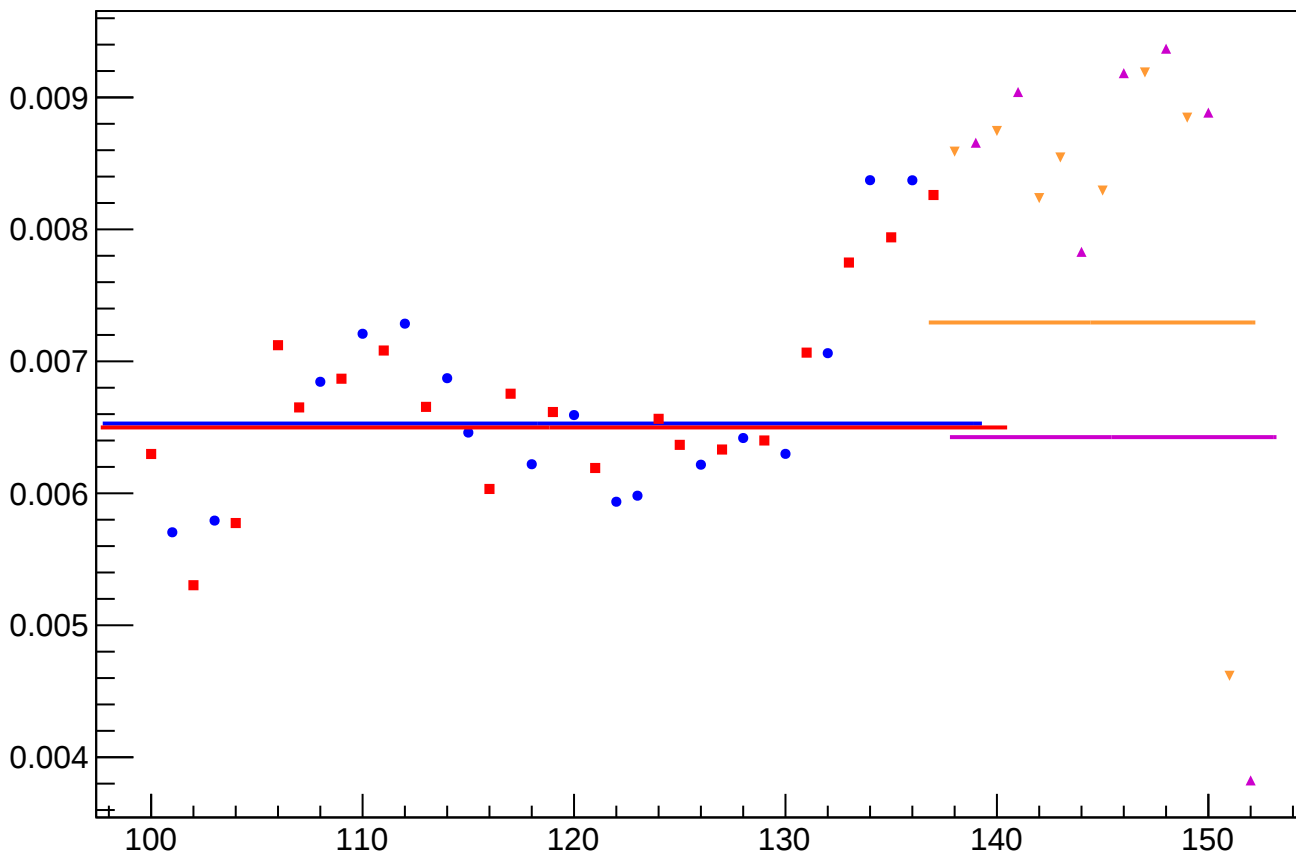
Left In: -2.184+/-0.000 χ^2/NDF : 63530751943.6/6

-2.147+/-0.000 χ^2/NDF : 52355913248.0/24

-2.197+/-0.000 χ^2/NDF : 124288609770.7

-2.242+/-0.000 χ^2/NDF : 70751682825.2/26

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 176467.7/16

Left Out: 0.007 $\pm$ 0.000 χ^2/NDF : 704677.3/7

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 164253.8/19

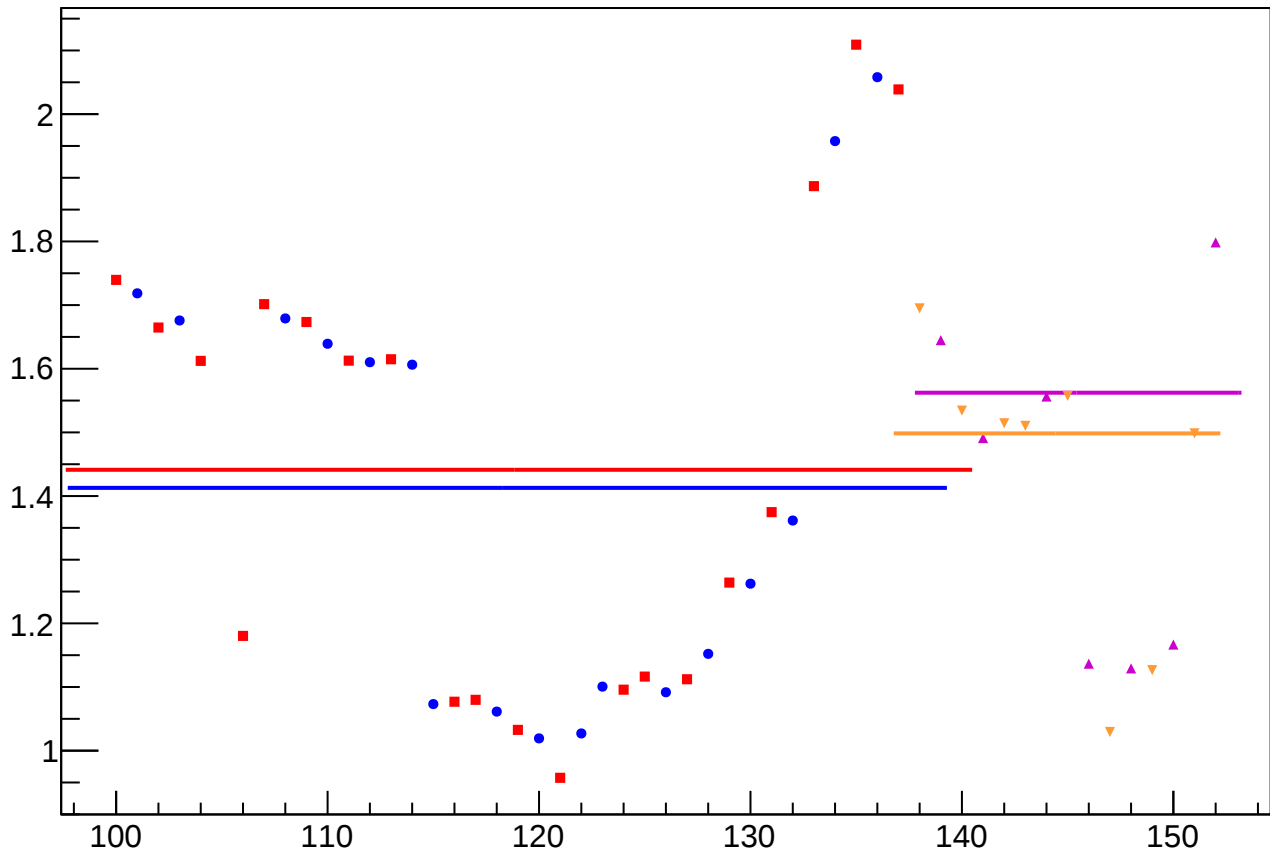
Left In: 0.006 $\pm$ 0.000 χ^2/NDF : 1413728.5/6

0.007 $\pm$ 0.000 χ^2/NDF : 950104.8/24

0.007 $\pm$ 0.000 χ^2/NDF : 2562004.7/51

0.006 $\pm$ 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: 1.498+/-0.000 χ^2/NDF : 5995775739.7/7

1.423+/-0.000 χ^2/NDF : 179818162479.9/24

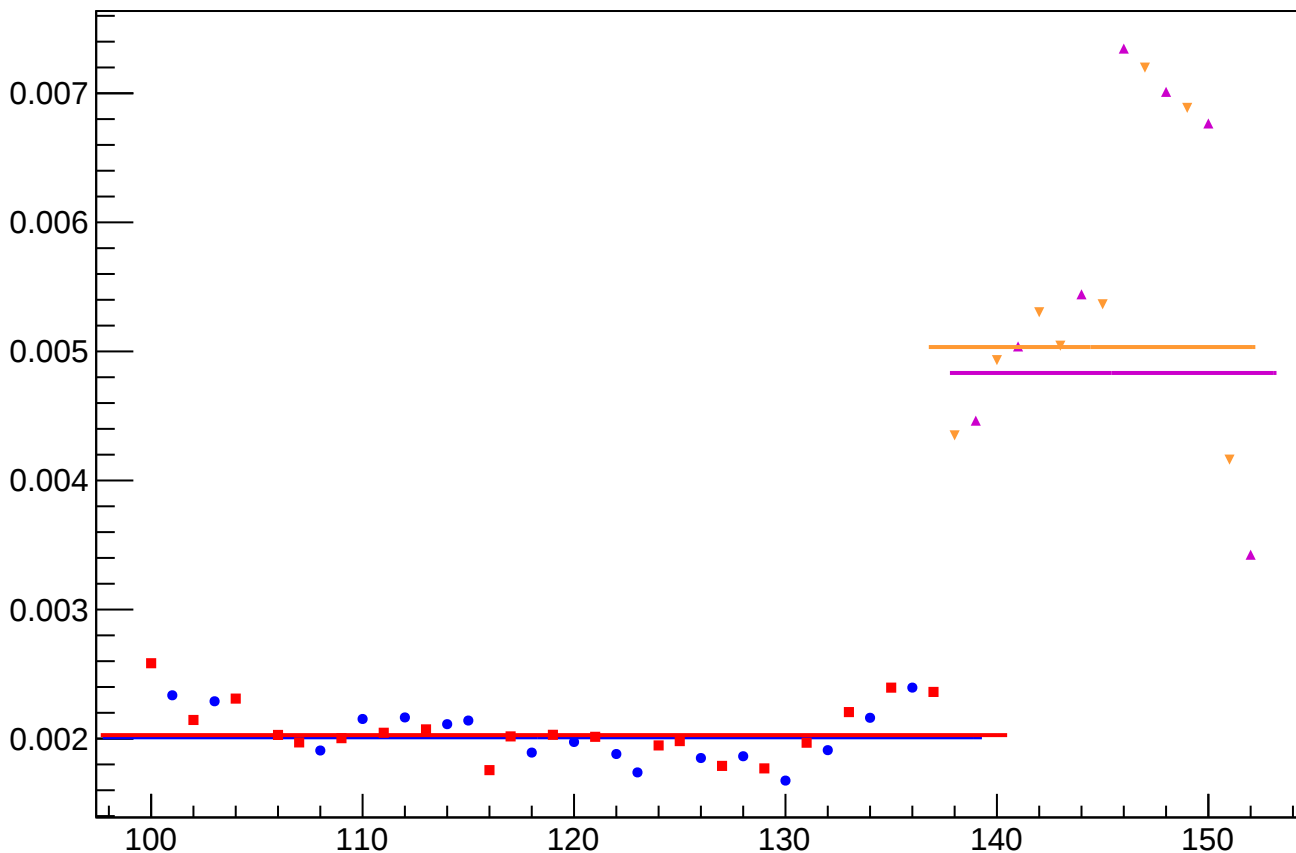
Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

1.439+/-0.000 χ^2/NDF : 368734973286.4/19

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 : 300145.3/7

Right Out: 0.002+/-0.000 χ^2/NDF : 103927.8/19

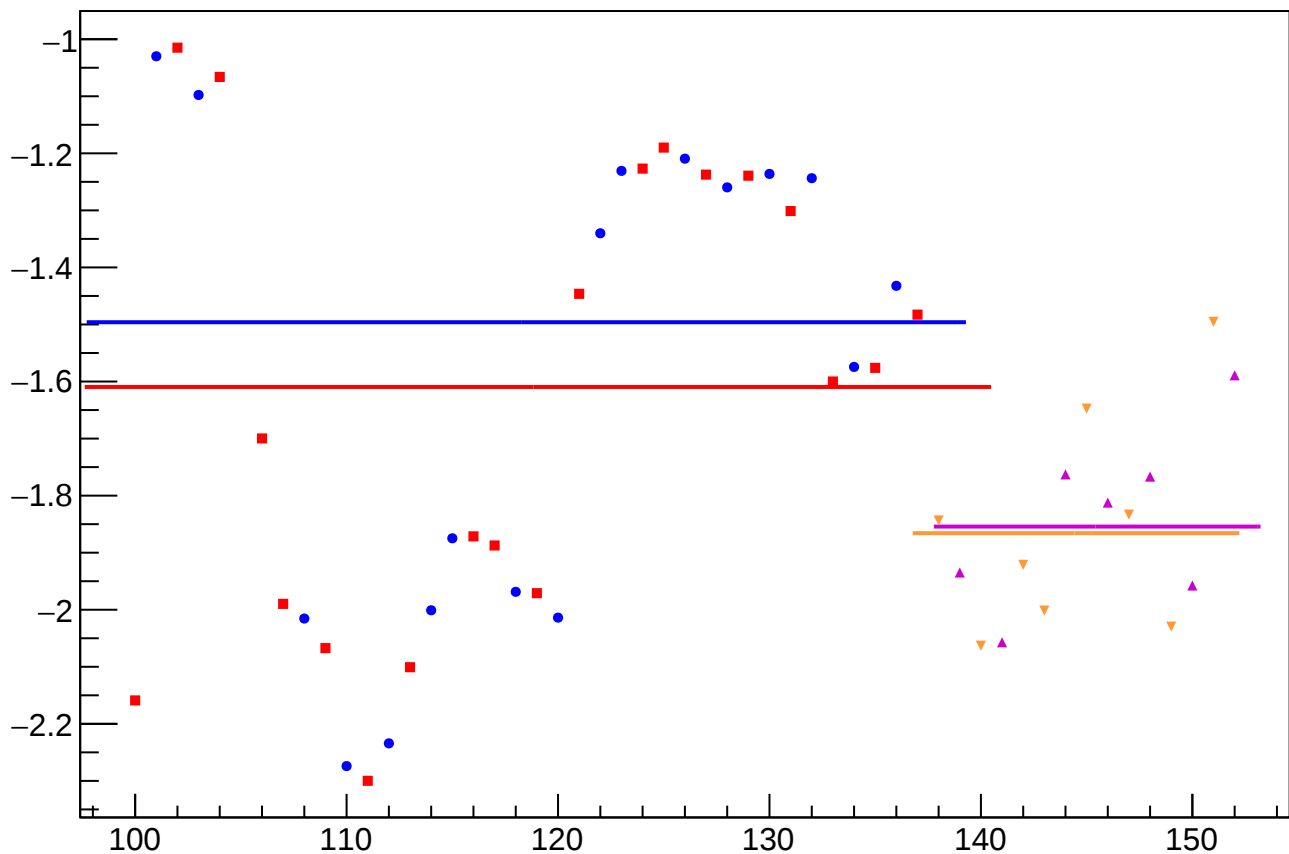
Left In: 0.005+/-0.000 χ^2/NDF : 676064.6/6

0.002+/-0.000 χ^2/NDF : 3605617.0/24

0.002+/-0.000 χ^2/NDF : 7195256.7/51

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: -1.866+/-0.000 χ^2/NDF : 5333228662.5/7

Right Out: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

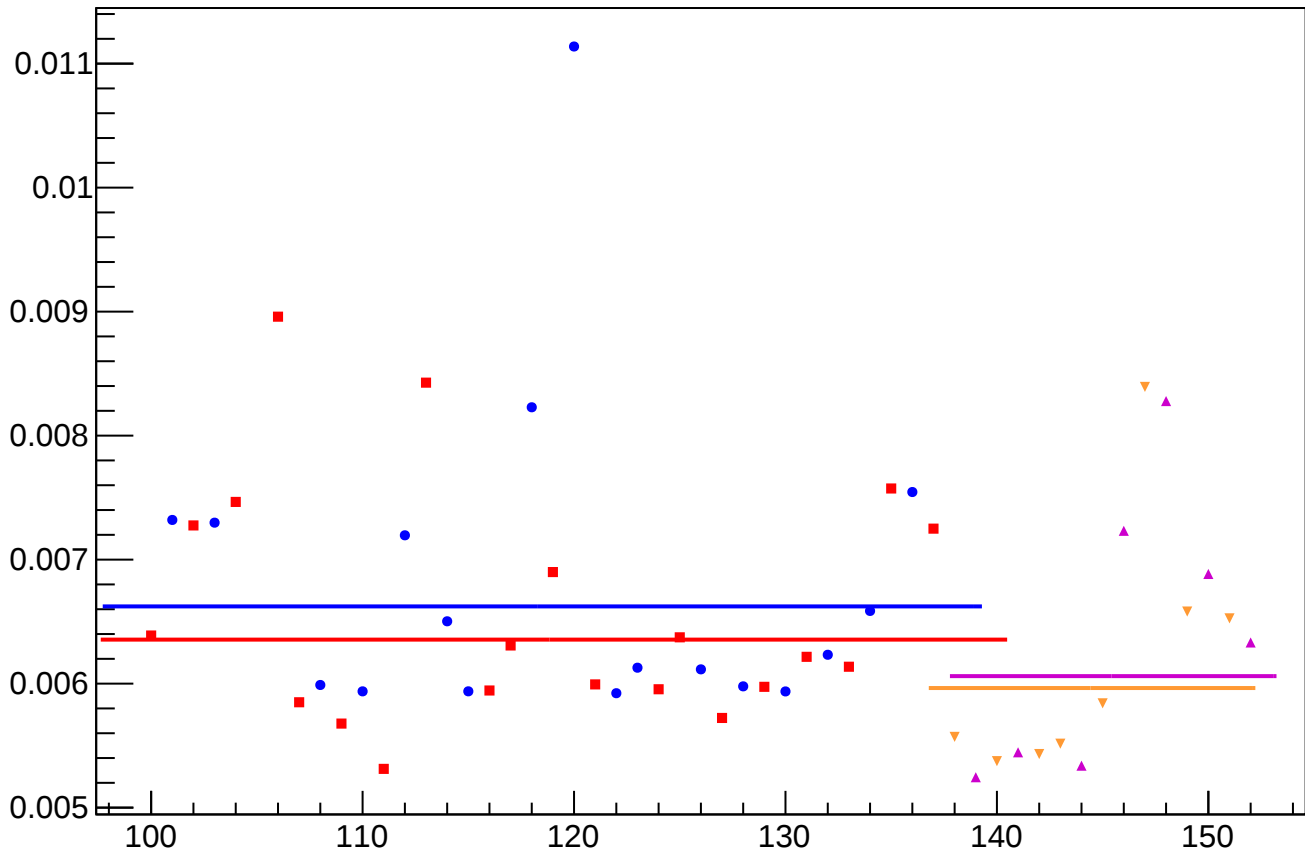
Left In: -1.854+/-0.000 χ^2/NDF : 3198462527.4/6

-1.688+/-0.000 χ^2/NDF : 37737496559.9/24

-1.706+/-0.000 χ^2/NDF : 73570154232.9/5

-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 : 183823.6/7

Right Out: 0.006+/-0.000 χ^2/NDF : 227865.9/19

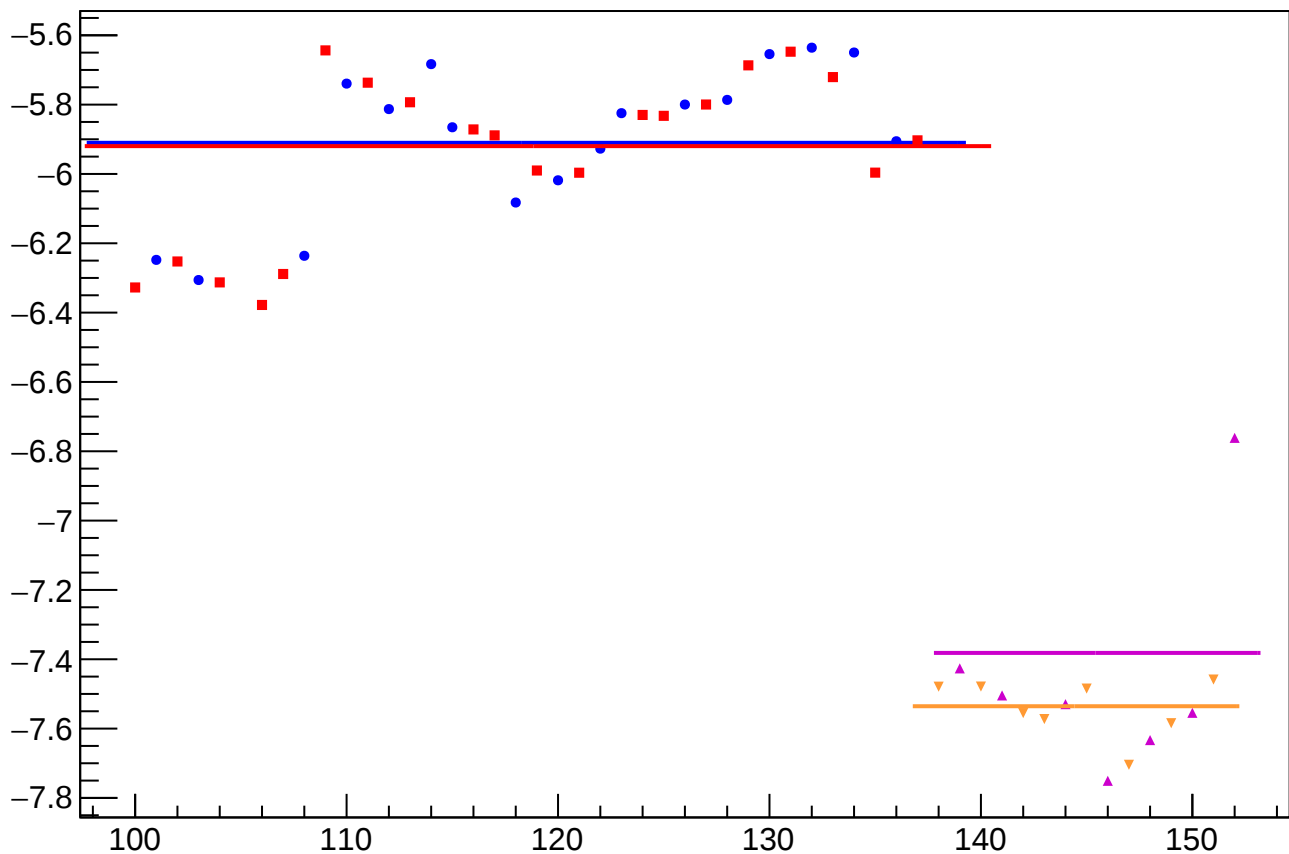
Left In: 0.006+/-0.000 χ^2/NDF : 247908.1/6

0.006+/-0.000 χ^2/NDF : 479082.6/24

0.006+/-0.000 χ^2/NDF : 969122.6/51

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: -5.920+/-0.000 χ^2/NDF : 446846072.8/7

Right Out: -5.920+/-0.000 χ^2/NDF : 12786449843.6/19

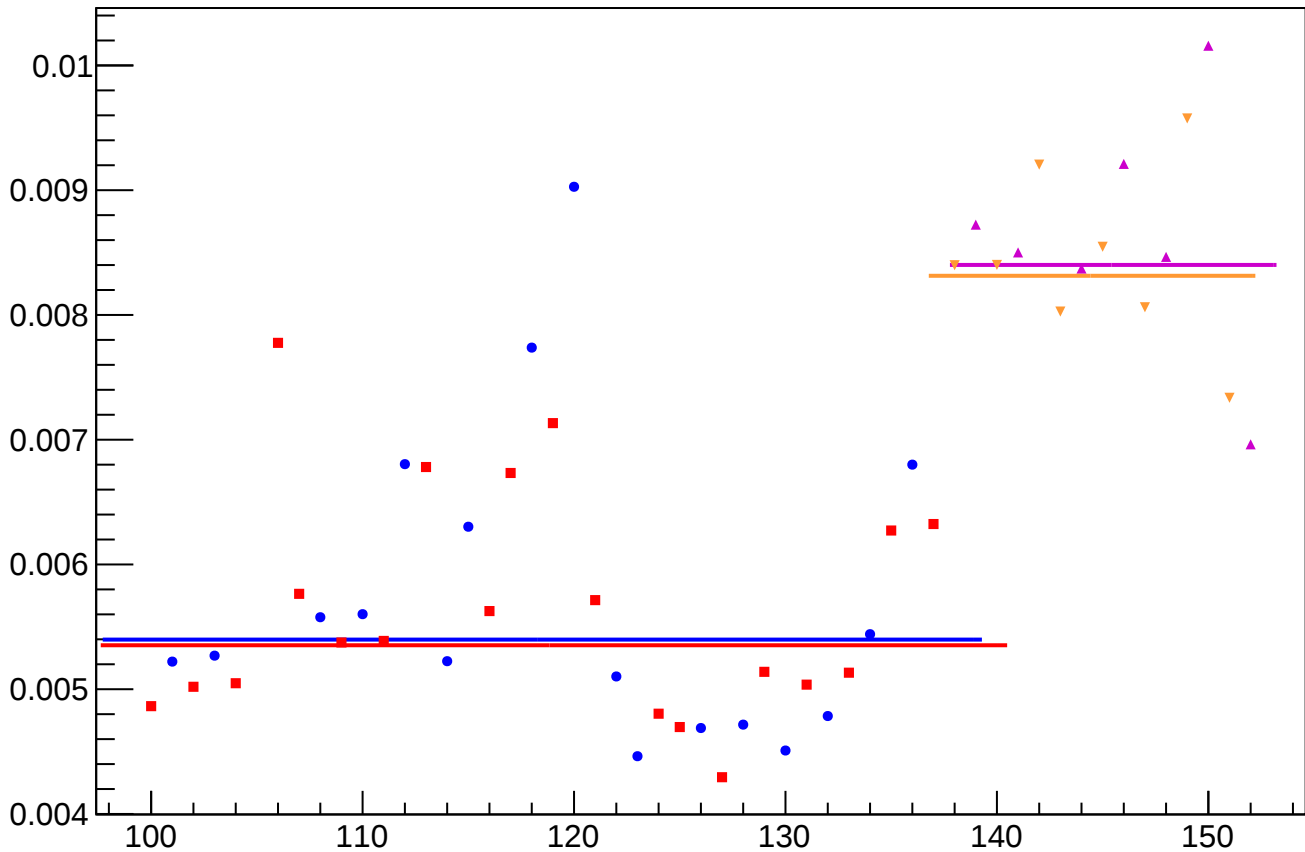
Left In: -7.382+/-0.000 χ^2/NDF : 8118401869.9/6

-6.317+/-0.000 χ^2/NDF : 145770108669.0/24

-6.287+/-0.000 χ^2/NDF : 278173416469.0

-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 : 56875.1/7

Right Out: 0.005+/-0.000 χ^2/NDF : 252664.1/19

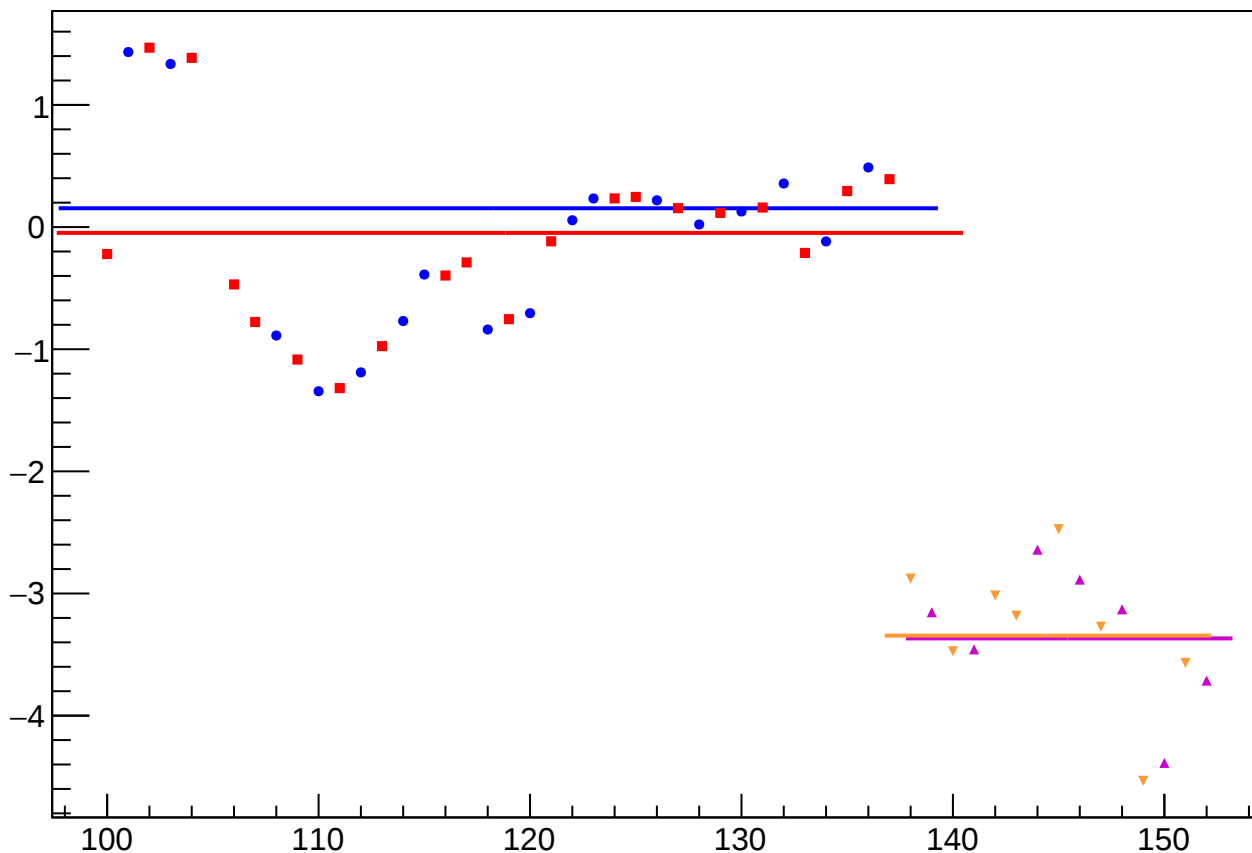
Left In: 0.008+/-0.000 χ^2/NDF : 118512.7/6

0.006+/-0.000 χ^2/NDF : 1292044.8/24

0.006+/-0.000 χ^2/NDF : 2630137.6/51

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: -3.345+/-0.000 χ^2/NDF : 6539073734.5/7

Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

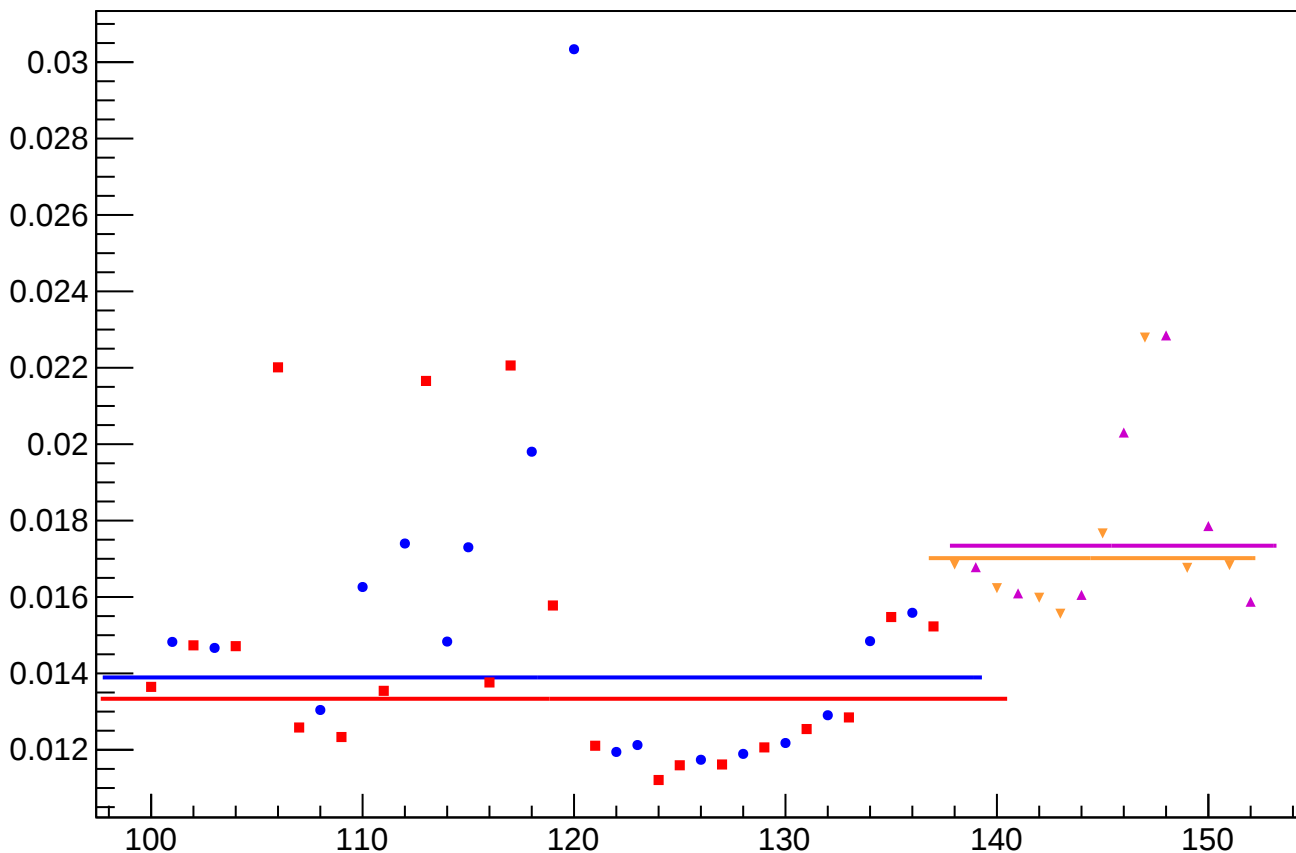
Left In: -3.368+/-0.000 χ^2/NDF : 5283730473.1/6

-1.164+/-0.000 χ^2/NDF : 164930729435.4/24

-1.141+/-0.000 χ^2/NDF : 321606730780.0

-1.121+/-0.000 χ^2/NDF : 156629488484.9/26

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 400569.4/16

Left Out: 0.017+/-0.000 χ^2/NDF :111293.9/7

Right Out: 0.013+/-0.000 χ^2/NDF : 303459.9/19

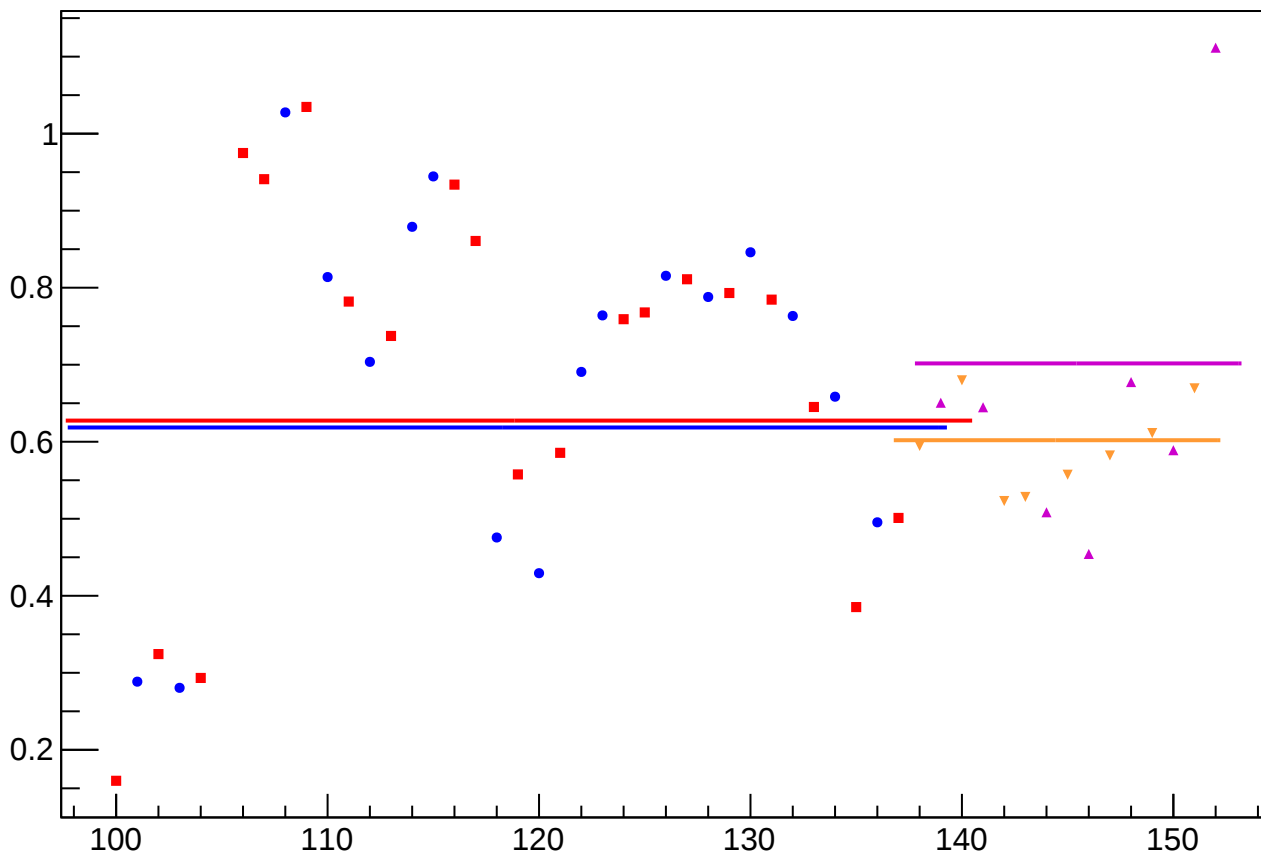
Left In: 0.017+/-0.000 χ^2/NDF :150761.5/6

0.015+/-0.000 χ^2/NDF : 737130.0/24

0.015+/-0.000 χ^2/NDF : 1580206.3/51

0.015+/-0.000 χ^2/NDF : 833163.8/26

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Left Out: 0.602+/-0.000 χ^2/NDF : 292477863.2/7

Right Out: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

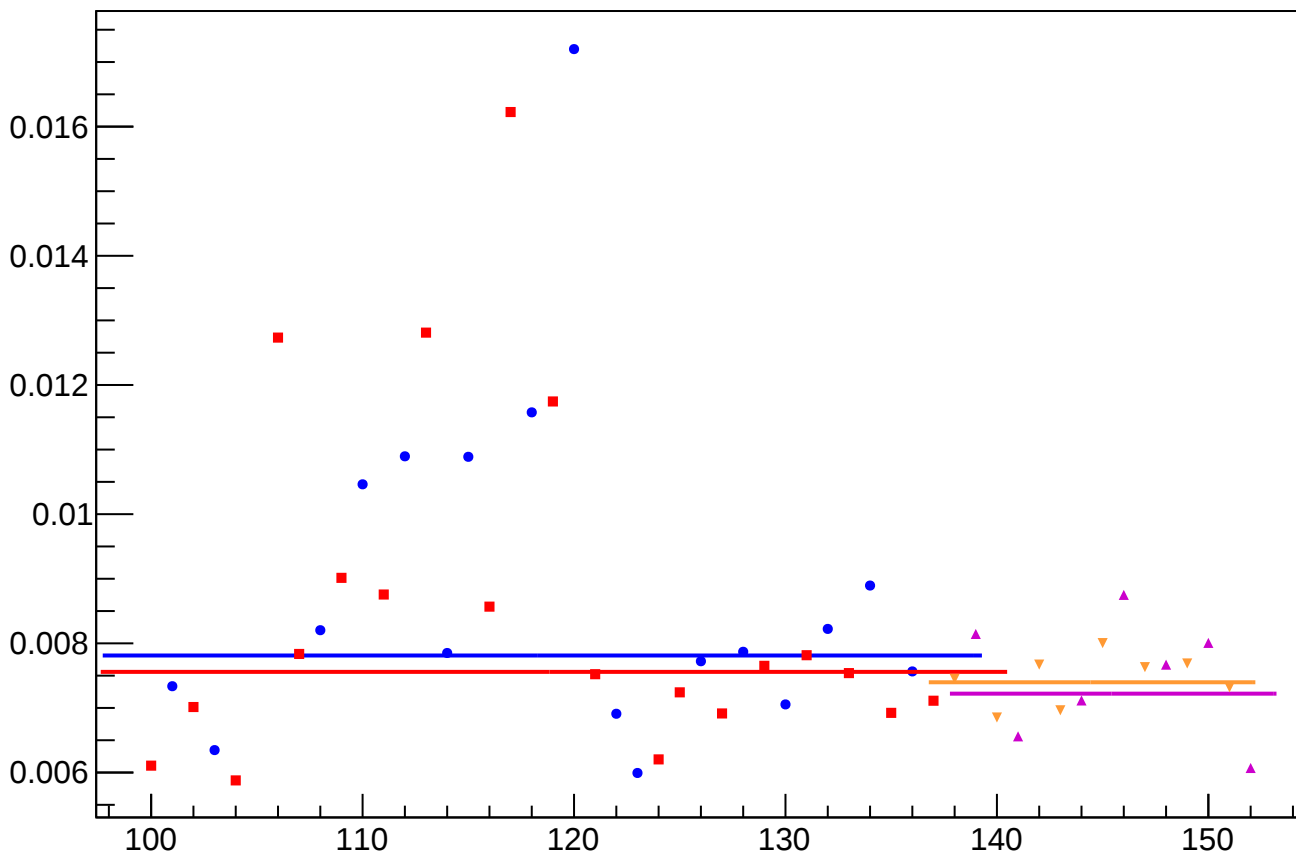
Left In: 0.702+/-0.000 χ^2/NDF : 4861876226.0/6

0.610+/-0.000 χ^2/NDF : 5722379510.4/24

0.638+/-0.000 χ^2/NDF : 17486334523.5/5

0.663+/-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 :26130.6/7

Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

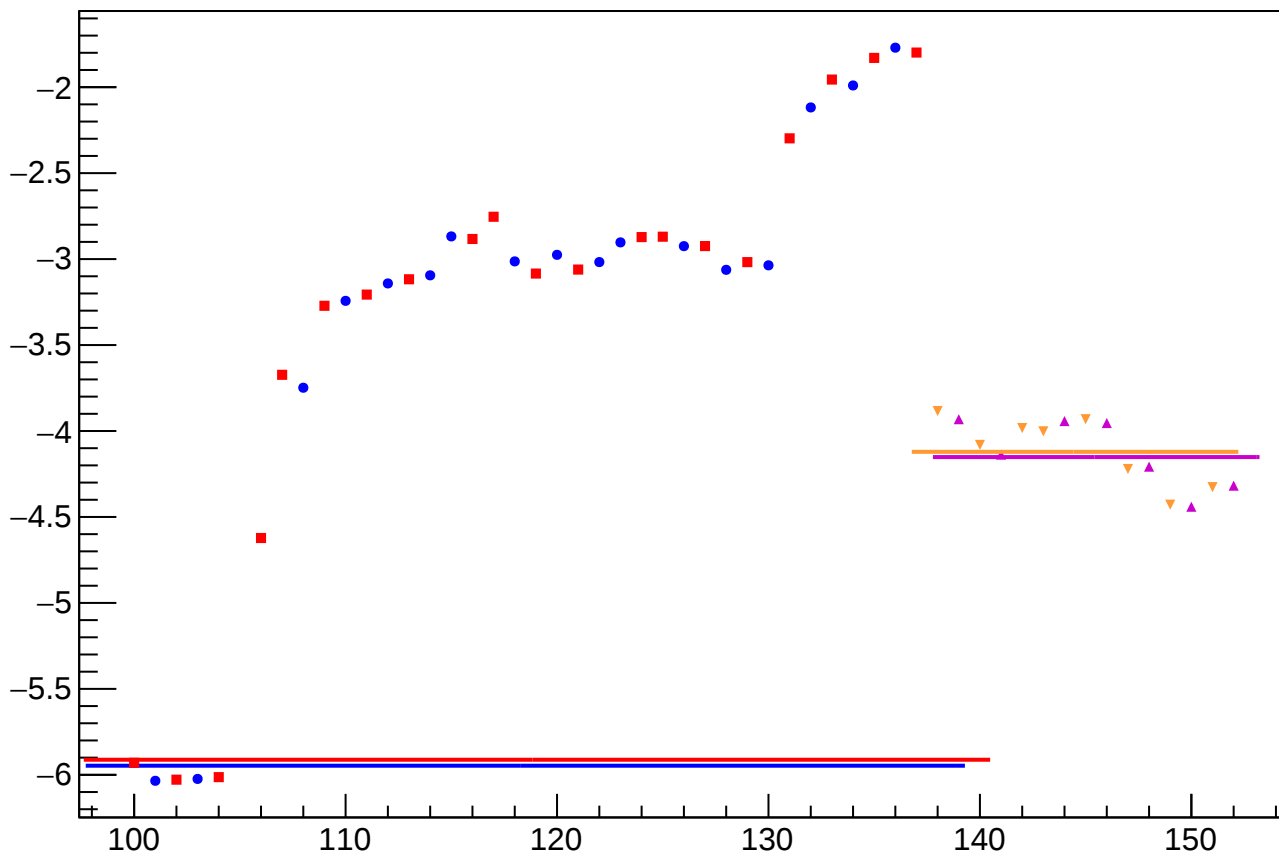
Left In: 0.007+/-0.000 χ^2/NDF :149864.0/6

0.008+/-0.000 χ^2/NDF : 509248.1/24

0.007+/-0.000 χ^2/NDF : 1142628.2/51

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 : 29121299.0/7

-5.916+/-0.000 χ^2/NDF : 15831539395.3/24

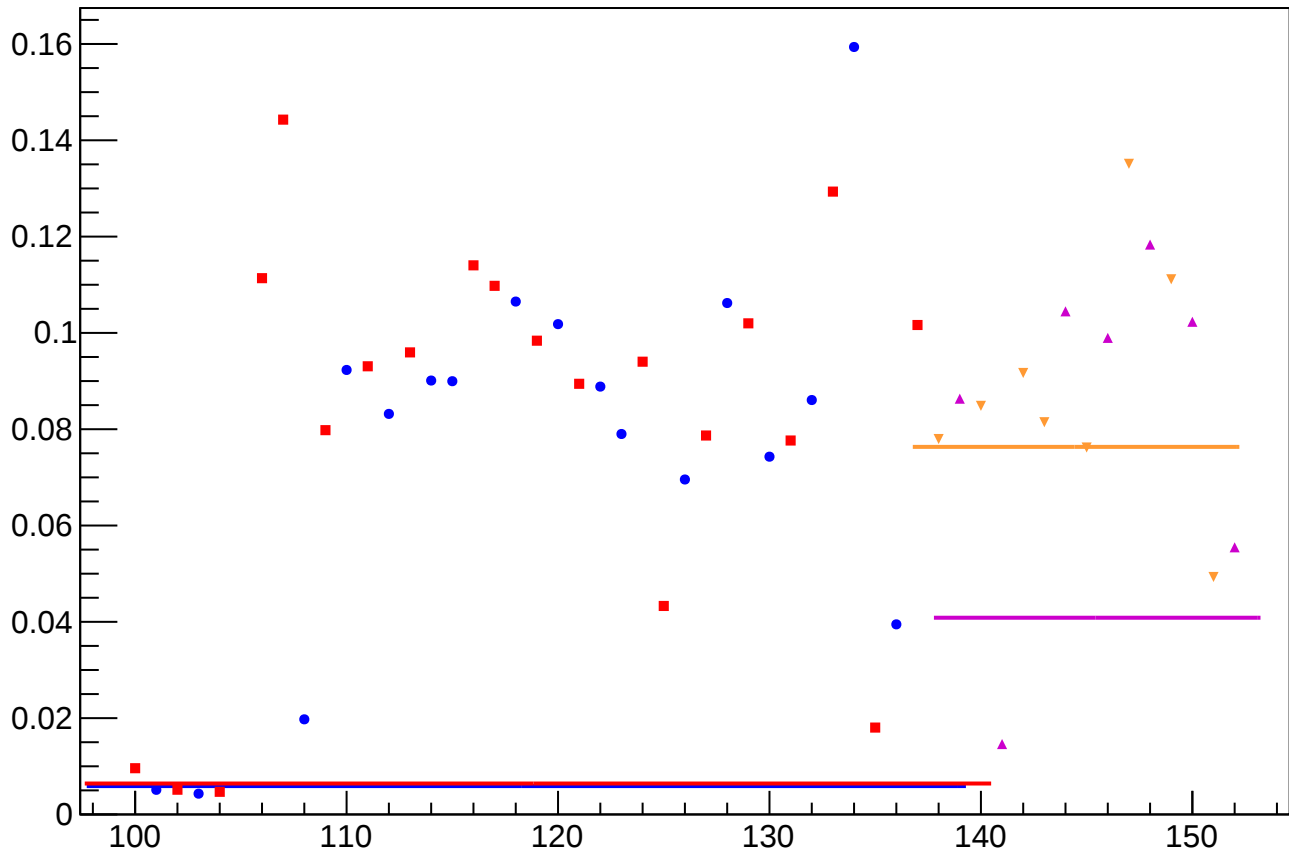
-5.886+/-0.000 χ^2/NDF : 34809767528.6/24

Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

-5.850+/-0.000 χ^2/NDF : 18880981377.1/26

Left In: -4.152+/-0.000 χ^2/NDF : 20926777.2/6

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2/NDF : 7934545.2/16

Left Out: 0.076 $\pm$ 0.000 χ^2/NDF : 787468.0/7

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 8558731.2/19

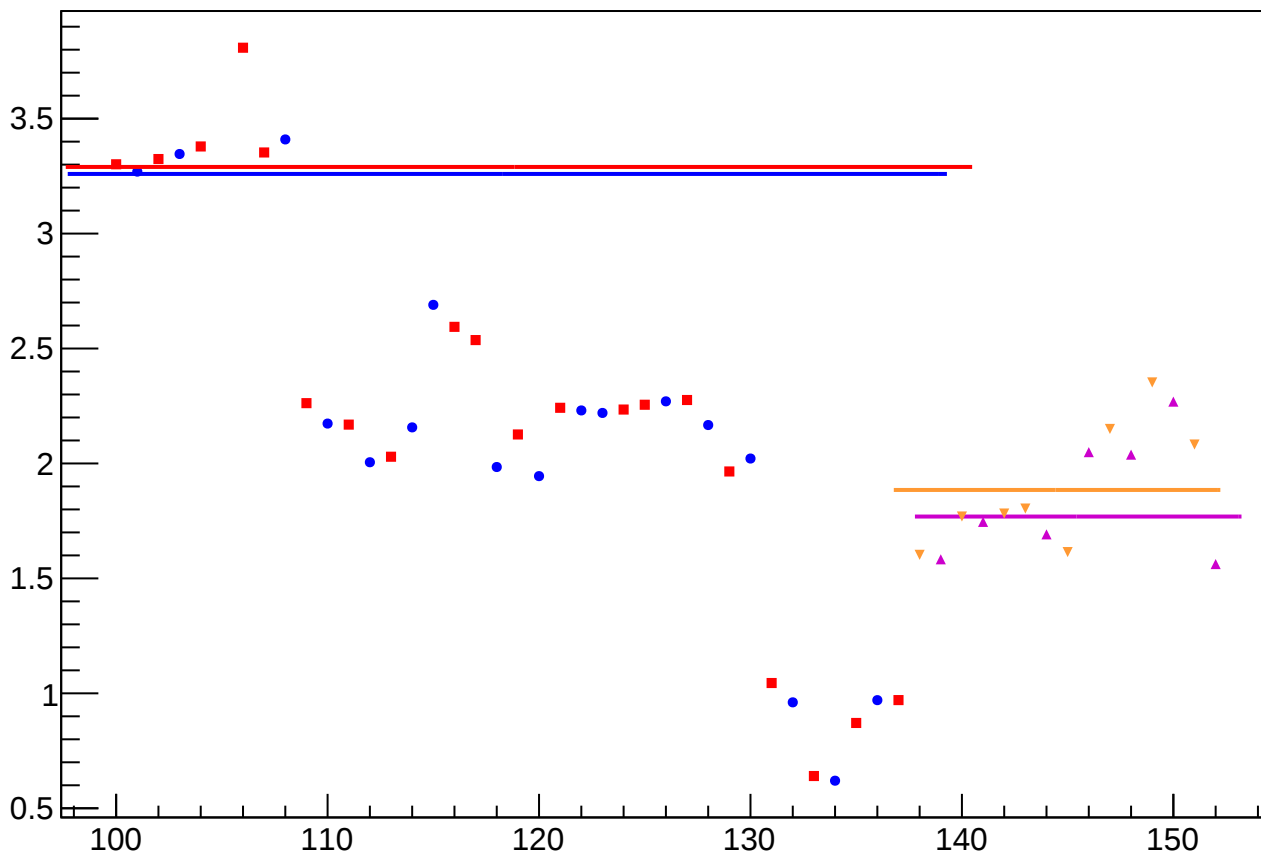
Left In: 0.041 $\pm$ 0.000 χ^2/NDF : 3751621.9/6

0.007 $\pm$ 0.000 χ^2/NDF : 16571359.9/24

0.007 $\pm$ 0.000 χ^2/NDF : 32117845.8/51

0.008 $\pm$ 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: 1.885+/-0.000 χ^2/NDF : 40824200.3/7

Right Out: 3.290+/-0.000 χ^2/NDF : 3263300926.6/19

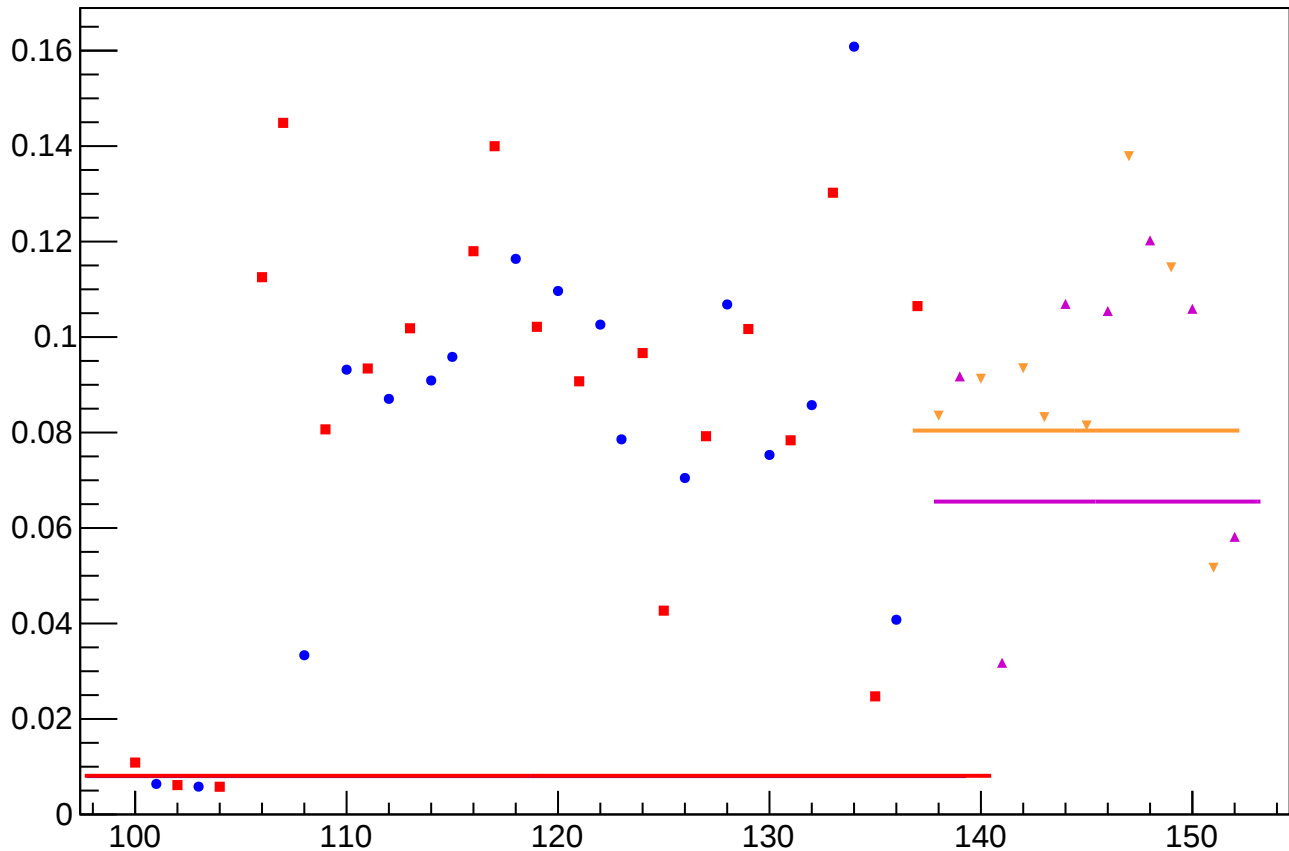
Left In: 1.769+/-0.000 χ^2/NDF : 35214287.1/6

3.226+/-0.000 χ^2/NDF : 4303126959.5/24

3.235+/-0.000 χ^2/NDF : 9433943245.3/51

3.245+/-0.000 χ^2/NDF : 5125713380.5/26

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 7742048.1/16

Left Out: 0.080 $\pm$ 0.000 χ^2 /NDF: 752314.9/7

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 8375005.0/19

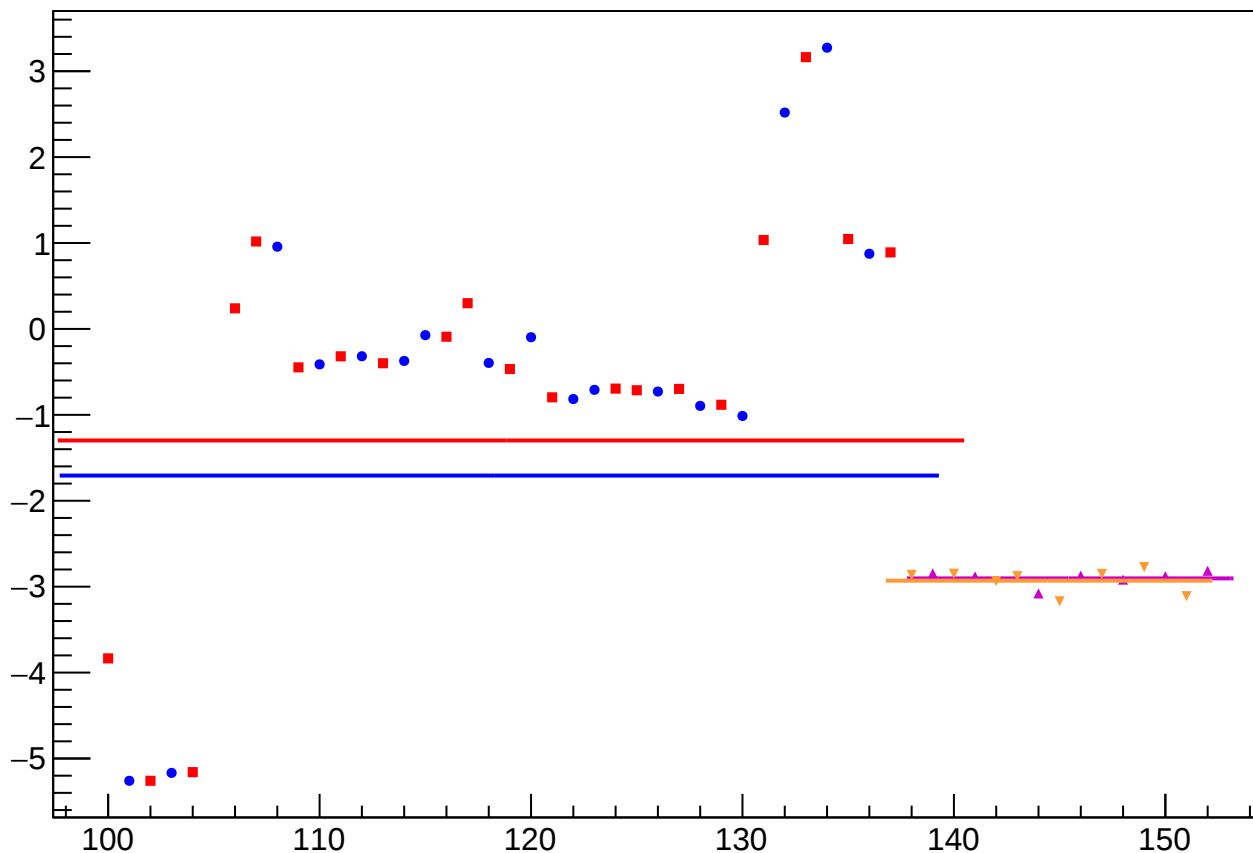
Left In: 0.066 $\pm$ 0.000 χ^2 /NDF: 1765917.7/6

0.010 $\pm$ 0.000 χ^2 /NDF: 15924036.1/24

0.010 $\pm$ 0.000 χ^2 /NDF: 31278572.8/51

0.010 $\pm$ 0.000 χ^2 /NDF: 15354528.9/26

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.707+/-0.000 χ^2/NDF : 166125579390.4/16

Left Out: -2.930+/-0.000 χ^2/NDF : 1608465557.2/7

Right Out: -1.298+/-0.000 χ^2/NDF : 178085926993.4/19

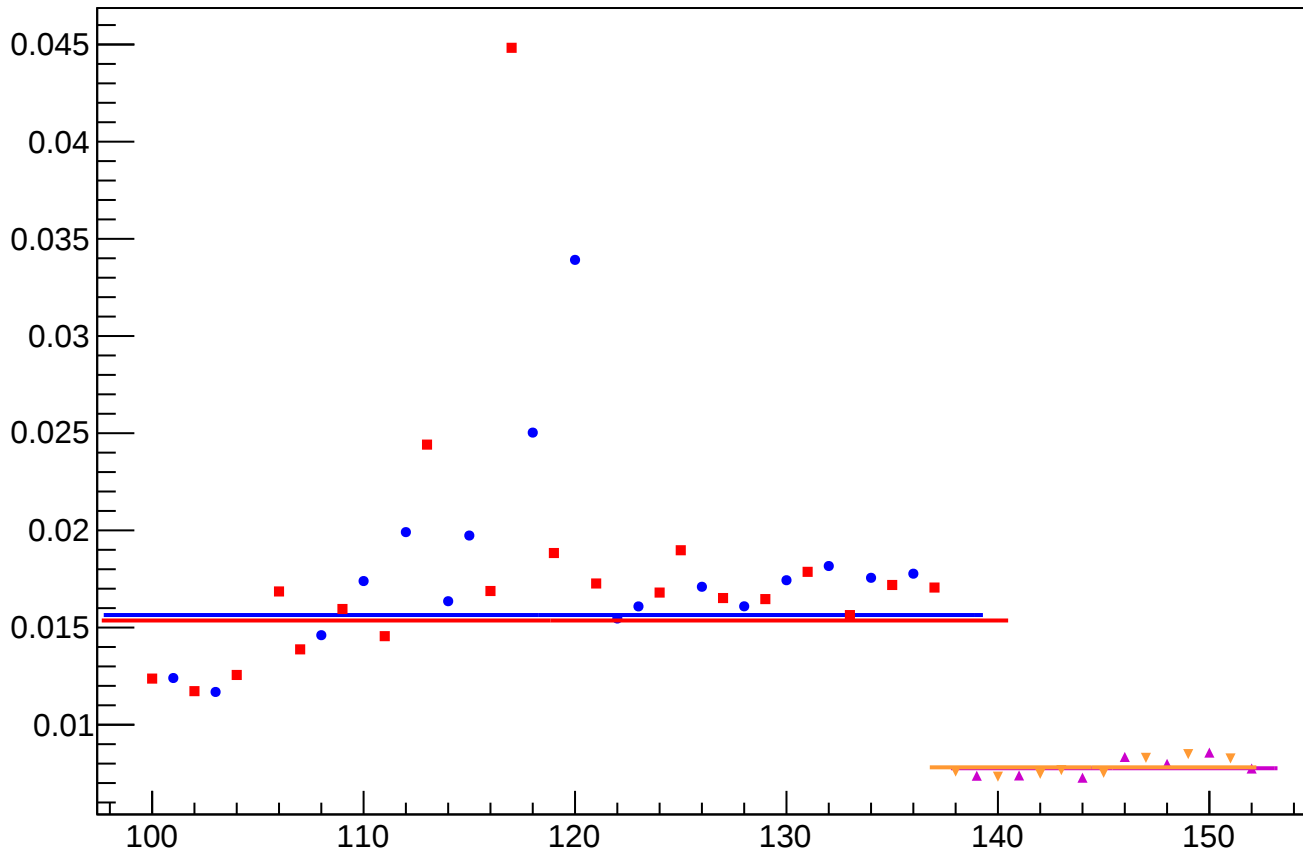
Left In: -2.904+/-0.000 χ^2/NDF : 654832308.4/6

-2.682+/-0.000 χ^2/NDF : 195057749204.3/24

-2.610+/-0.000 χ^2/NDF : 427517032432.4

-2.541+/-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 : 31505.9/7

Right Out: 0.015+/-0.000 χ^2/NDF : 387283.2/19

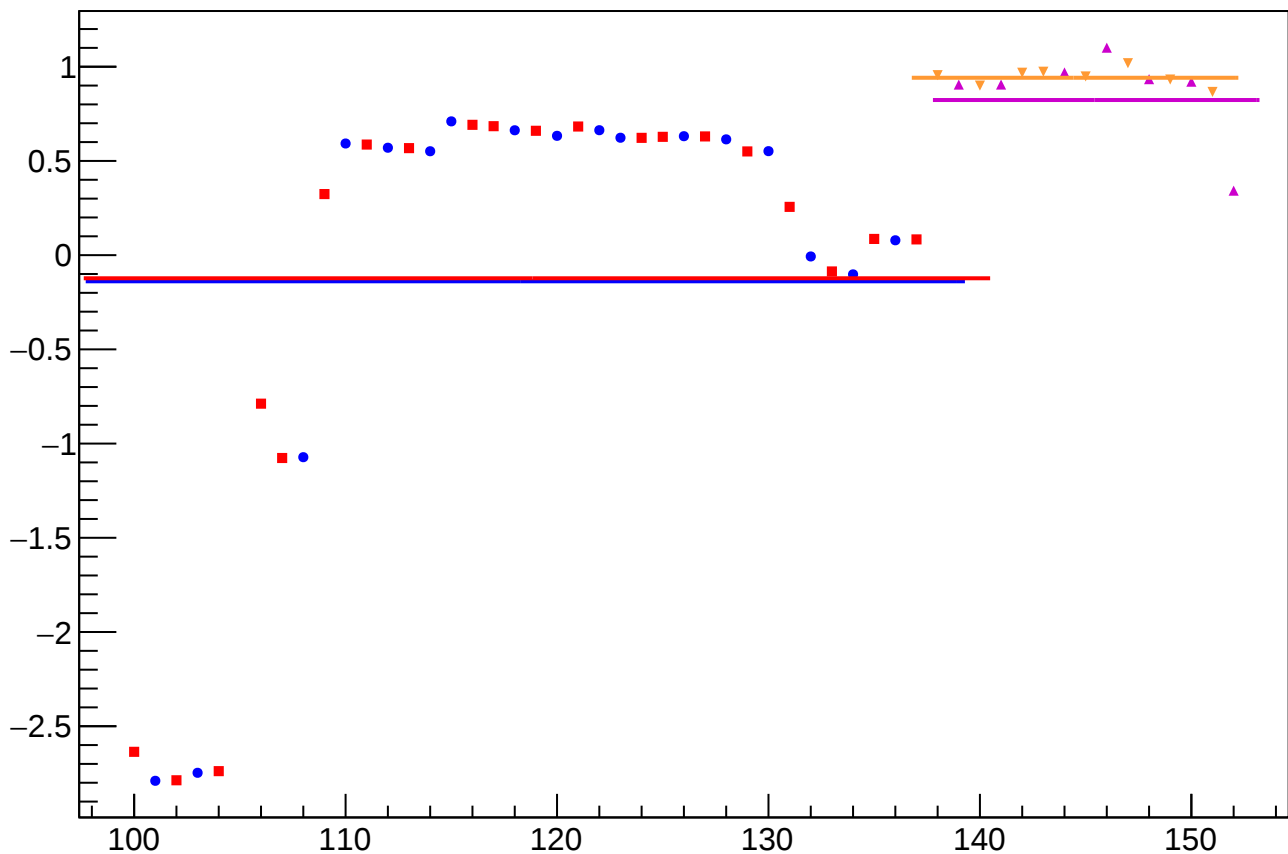
Left In: 0.008+/-0.000 χ^2/NDF : 38331.8/6

0.009+/-0.000 χ^2/NDF : 2852313.3/24

0.009+/-0.000 χ^2/NDF : 5636229.3/51

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: 0.941 ± 0.000 χ^2/NDF : 227687987.0/7

0.048 ± 0.000 χ^2/NDF : 818727834459.7/24

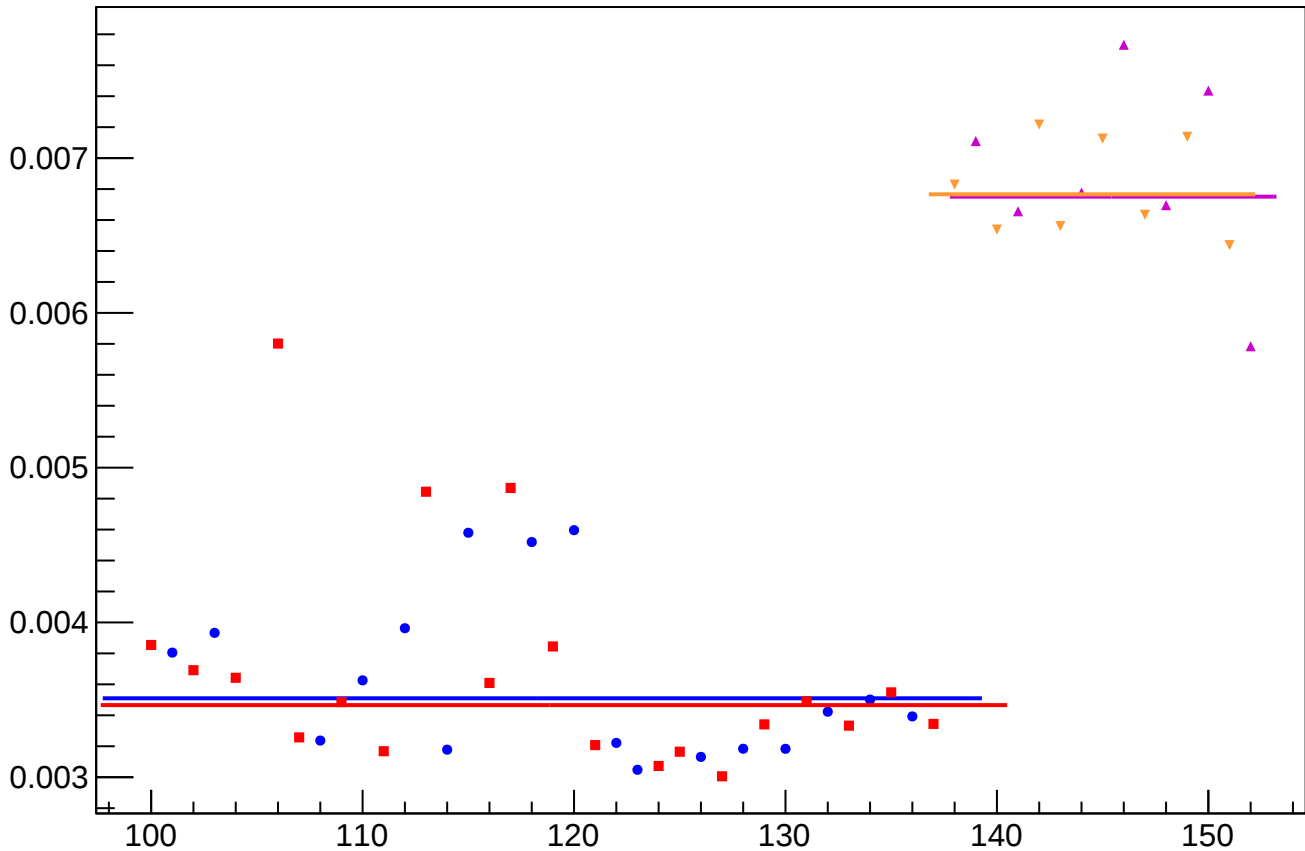
Right Out: -0.123 ± 0.000 χ^2/NDF : 762580598699.5/19

0.039 ± 0.000 χ^2/NDF : 1670189016188.2

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 $\chi^2/\text{NDF}: 171337.9/16$

Left Out: 0.007 $\pm$ 0.000 $\chi^2/\text{NDF}: 16963.7/7$

Right Out: 0.003 $\pm$ 0.000 $\chi^2/\text{NDF}: 222524.1/19$

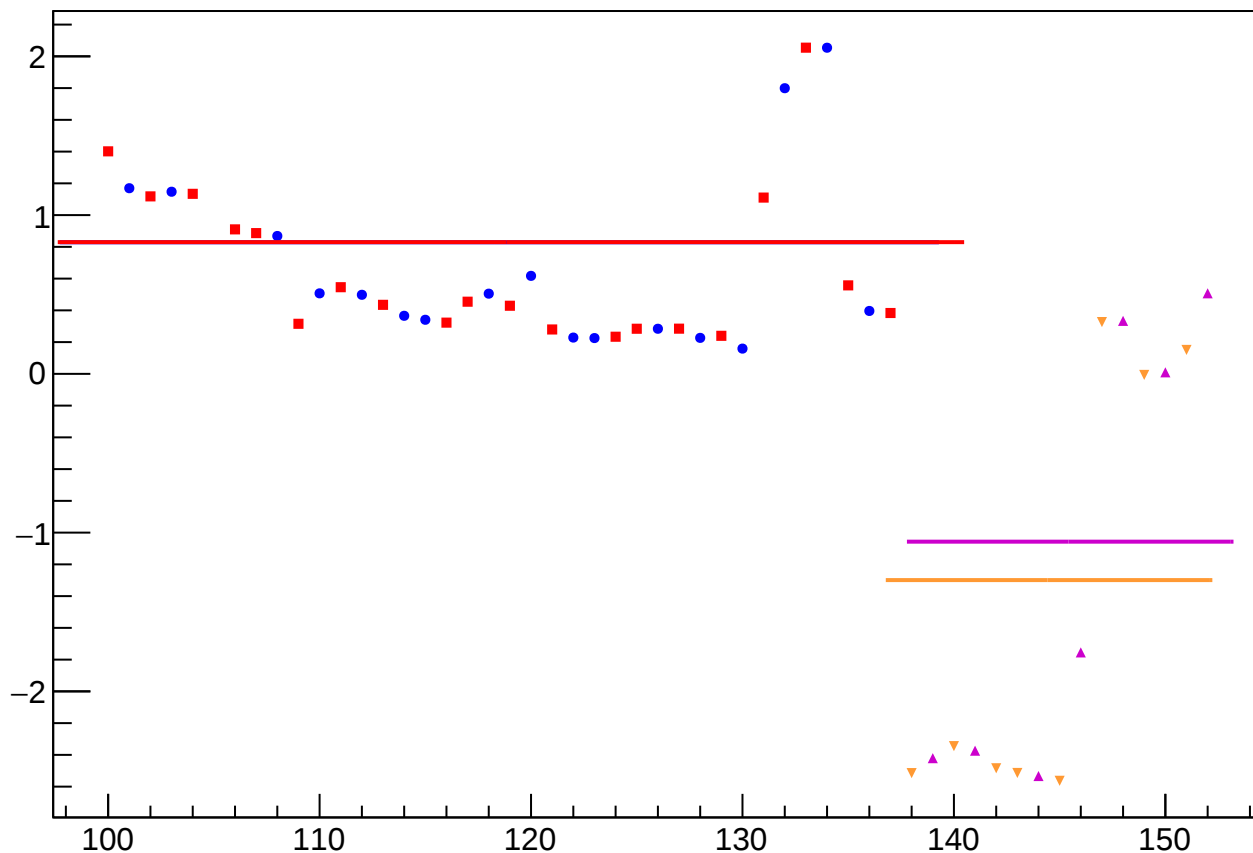
Left In: 0.007 $\pm$ 0.000 $\chi^2/\text{NDF}: 79402.6/6$

0.004 $\pm$ 0.000 $\chi^2/\text{NDF}: 2068708.8/24$

0.004 $\pm$ 0.000 $\chi^2/\text{NDF}: 4346981.2/51$

0.004 $\pm$ 0.000 $\chi^2/\text{NDF}: 2274807.8/26$

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: -1.299+/-0.000 χ^2/NDF : 225658556510.7/7

Right Out: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

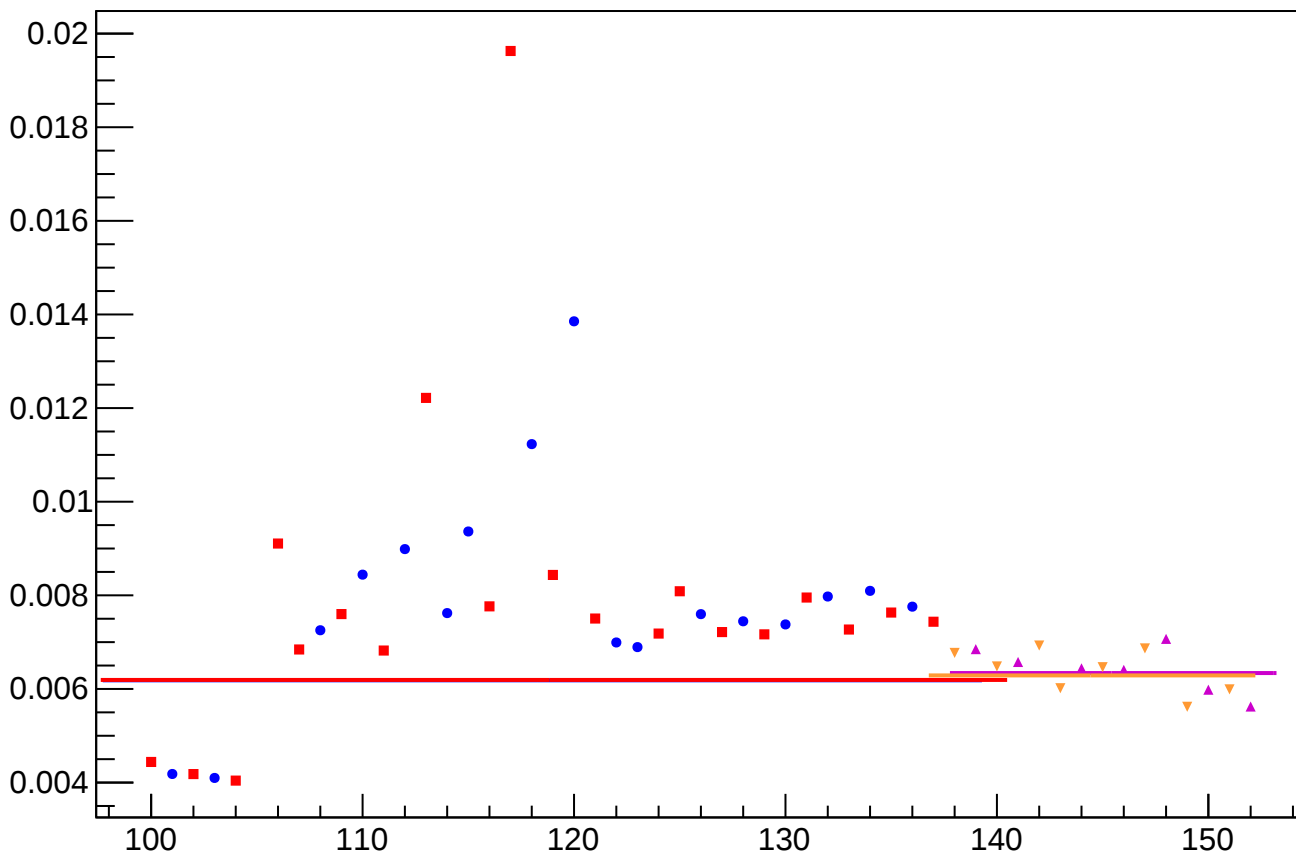
Left In: -1.057+/-0.000 χ^2/NDF : 220693799665.6/6

-0.209+/-0.000 χ^2/NDF : 564338480841.2/24

-0.123+/-0.000 χ^2/NDF : 1072035787531.2/24

-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 : 53545.6/7

Right Out: 0.006+/-0.000 χ^2/NDF : 1062886.2/19

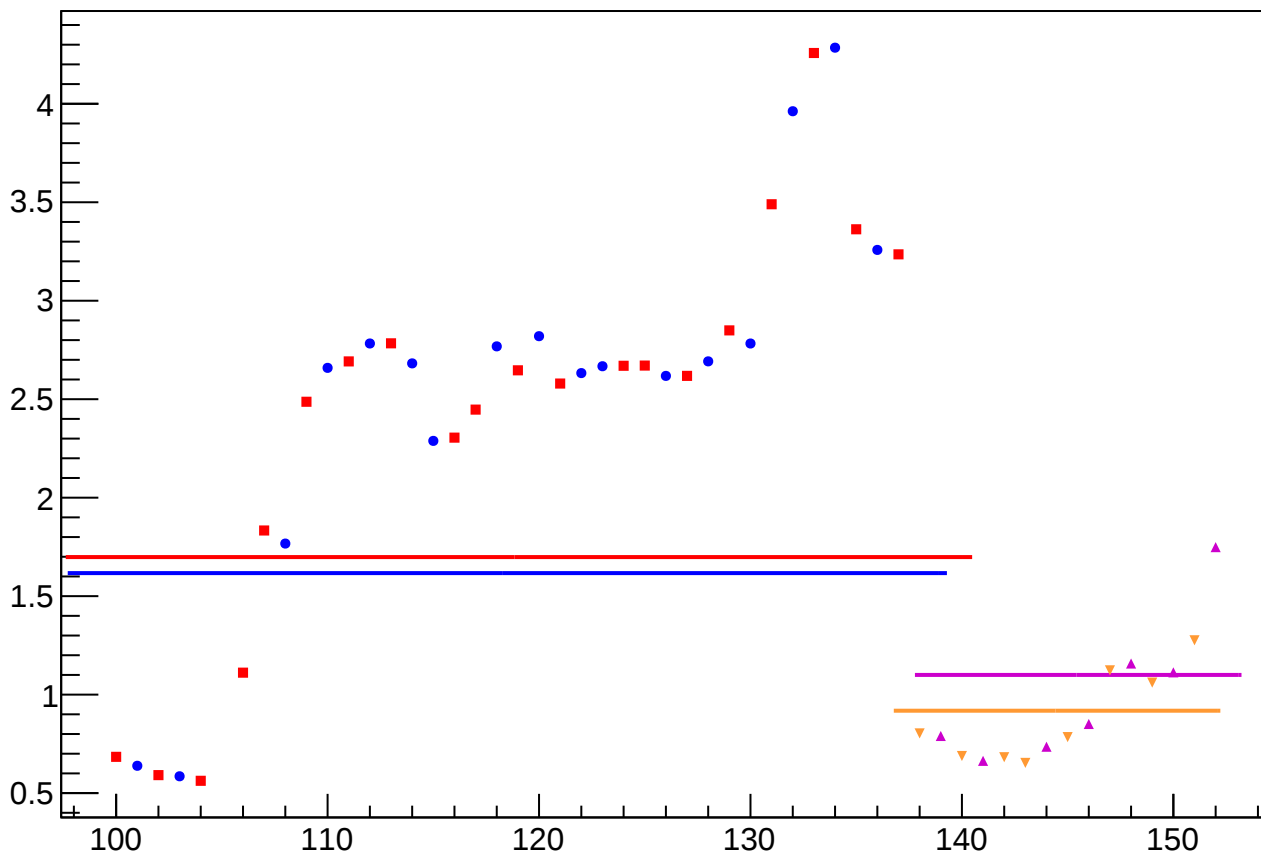
Left In: 0.006+/-0.000 χ^2/NDF : 55942.6/6

0.006+/-0.000 χ^2/NDF : 1283990.4/24

0.006+/-0.000 χ^2/NDF : 2406029.0/51

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: 0.918+/-0.000 χ^2/NDF : 7538403508.0/7

1.277+/-0.000 χ^2/NDF : 244484647084.6/24

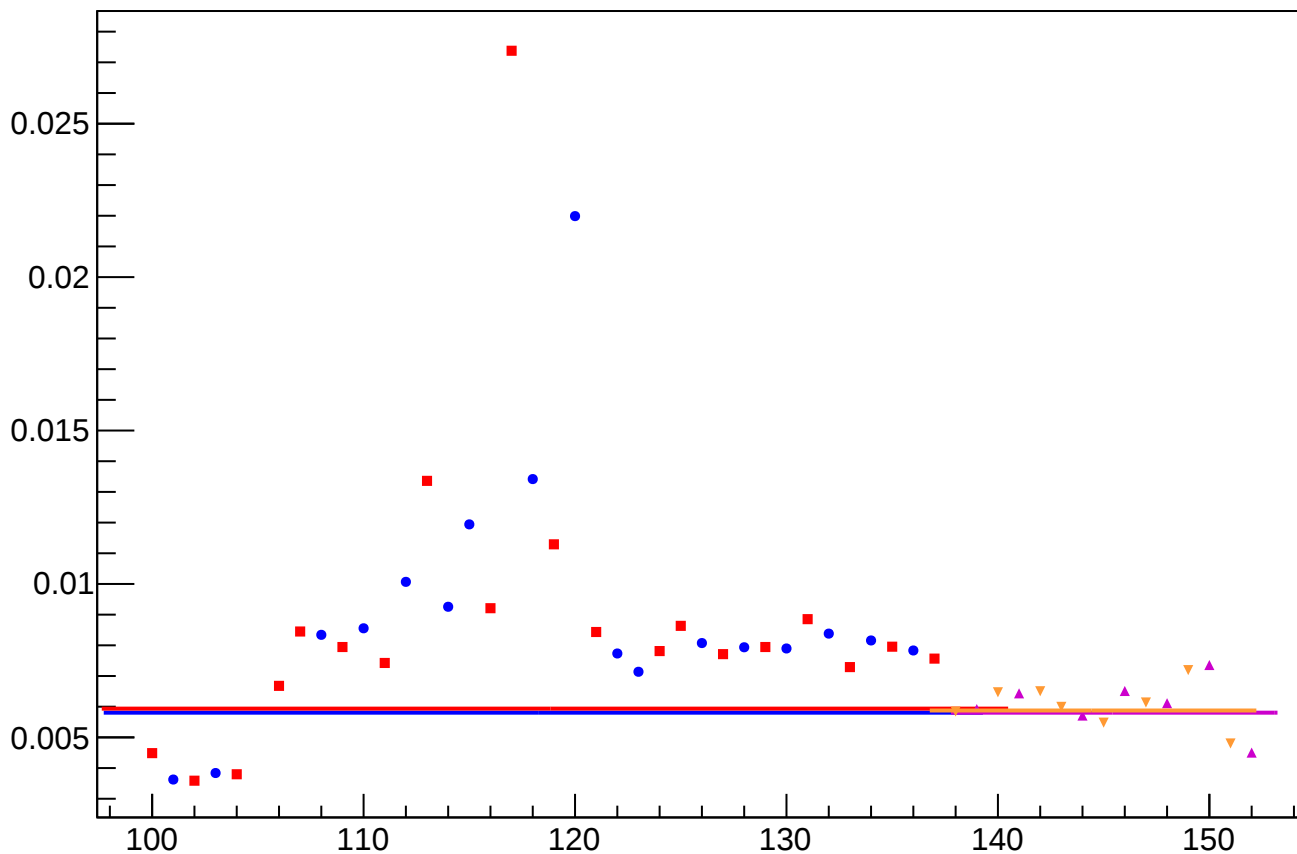
Right Out: 1.698+/-0.000 χ^2/NDF : 227436227264.4/19

1.345+/-0.000 χ^2/NDF : 525377427158.8/19

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 :135237.1/7

Right Out: 0.006+/-0.000 χ^2/NDF : 1731283.0/19

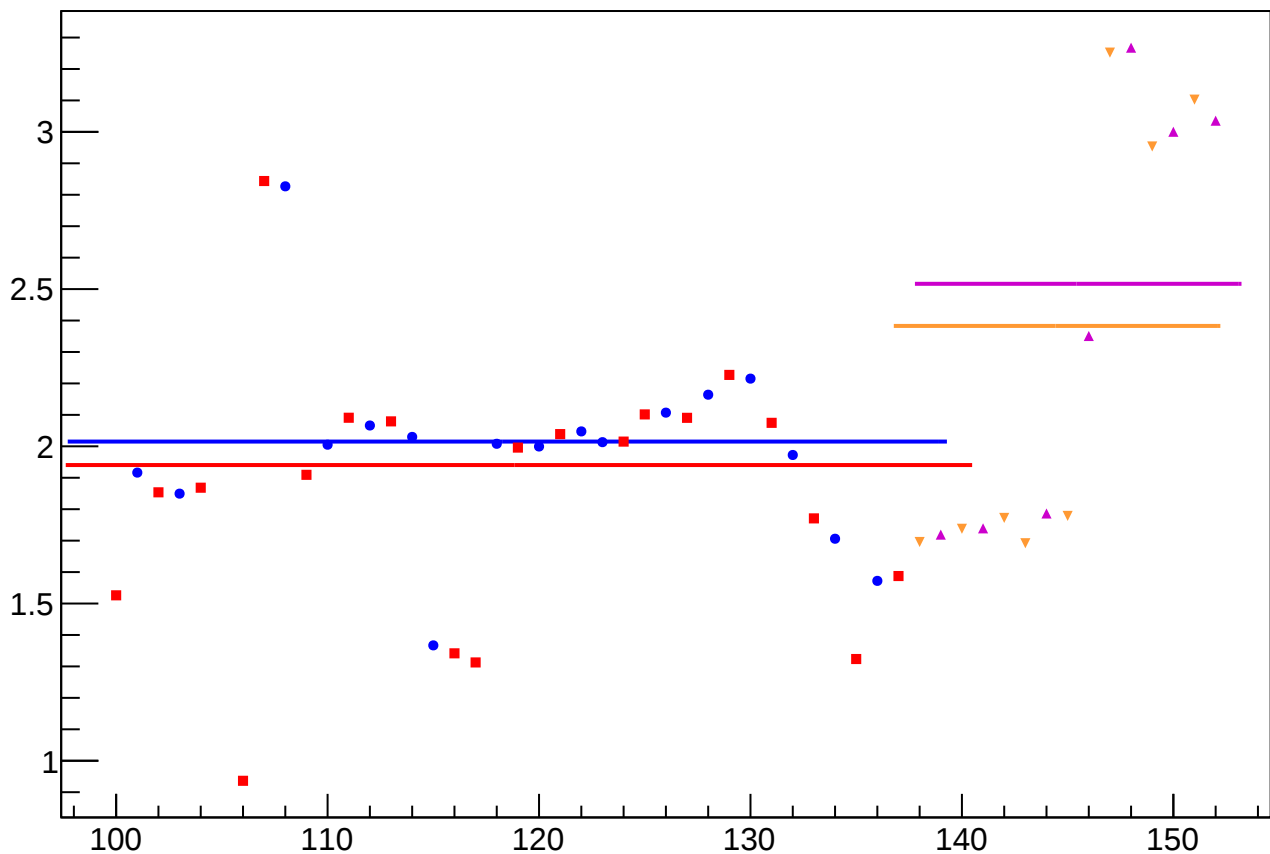
Left In: 0.006+/-0.000 χ^2/NDF :223083.4/6

0.006+/-0.000 χ^2/NDF : 2053918.4/24

0.006+/-0.000 χ^2/NDF : 4011166.1/51

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: 2.383 $\pm$ 0.000 χ^2/NDF : 42170470232.6/7

Right Out: 1.940 $\pm$ 0.000 χ^2/NDF : 21732099424.5/19

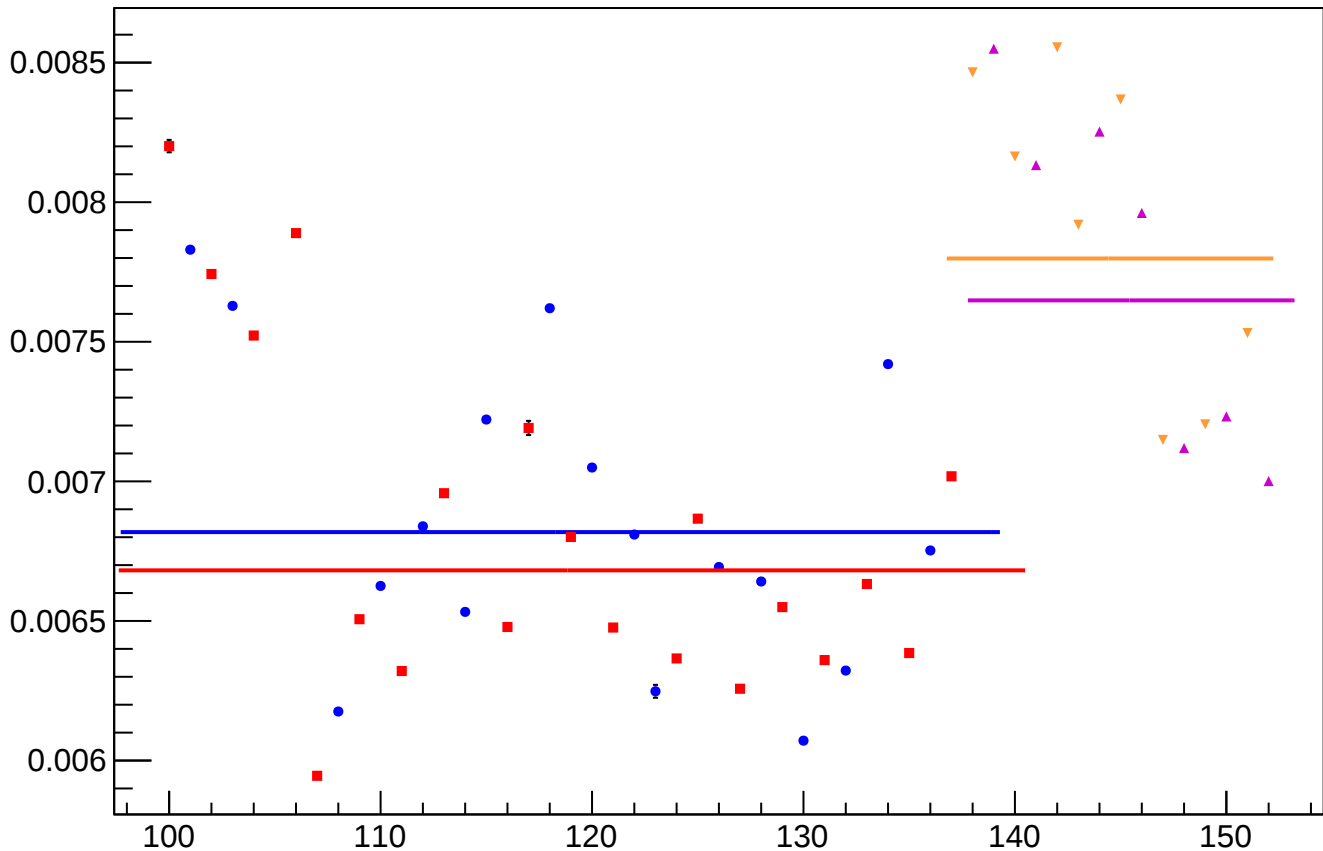
Left In: 2.517 $\pm$ 0.000 χ^2/NDF : 36562154480.4/6

2.160 $\pm$ 0.000 χ^2/NDF : 61678405655.9/24

2.159 $\pm$ 0.000 χ^2/NDF : 139132435515.0/24

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 : 49105.7/7

Right Out: 0.007+/-0.000 χ^2/NDF : 76121.2/19

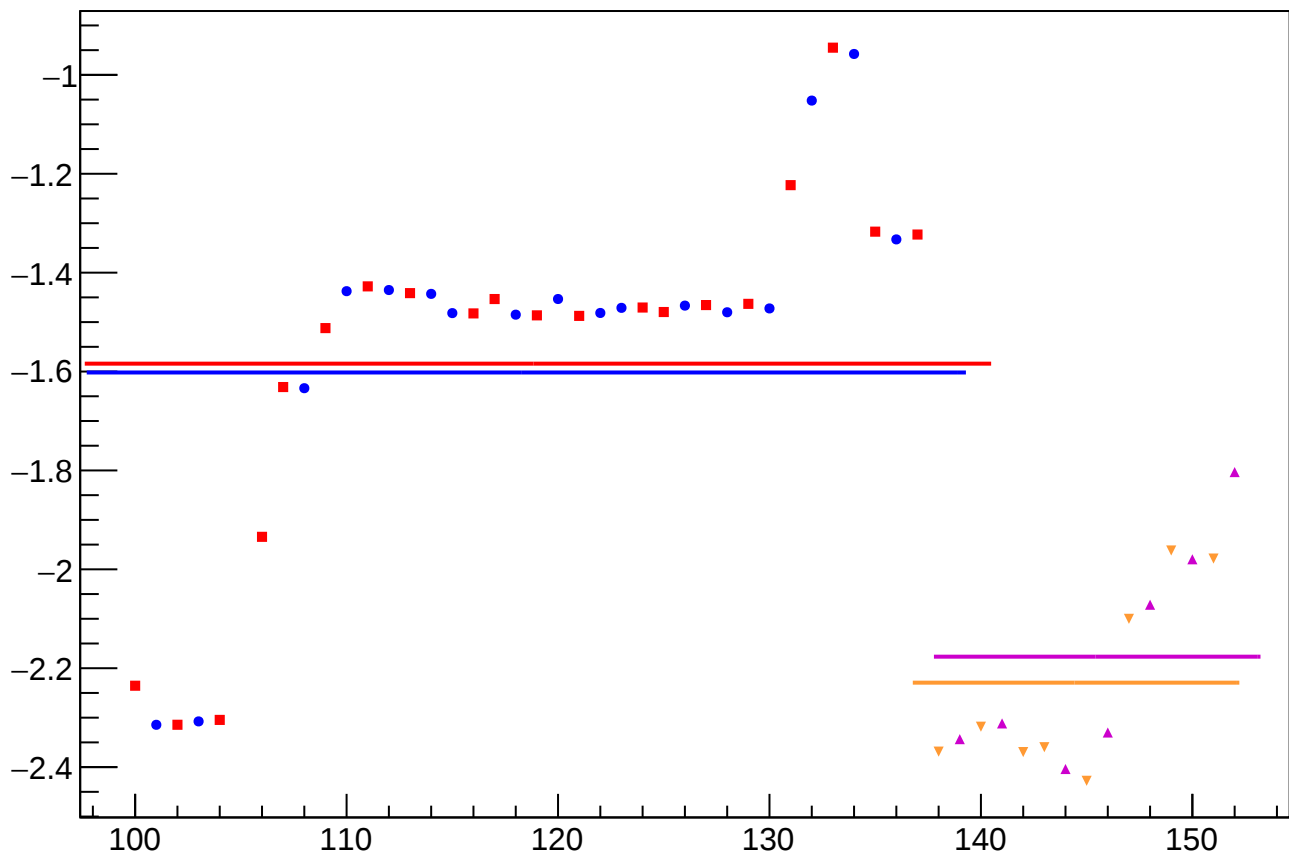
Left In: 0.008+/-0.000 χ^2/NDF : 58897.0/6

0.007+/-0.000 χ^2/NDF : 228313.9/24

0.007+/-0.000 χ^2/NDF : 477051.1/51

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: -2.229+/-0.000 χ^2/NDF : 19999423727.1/7

-1.858+/-0.000 χ^2/NDF : 304755721179.2/24

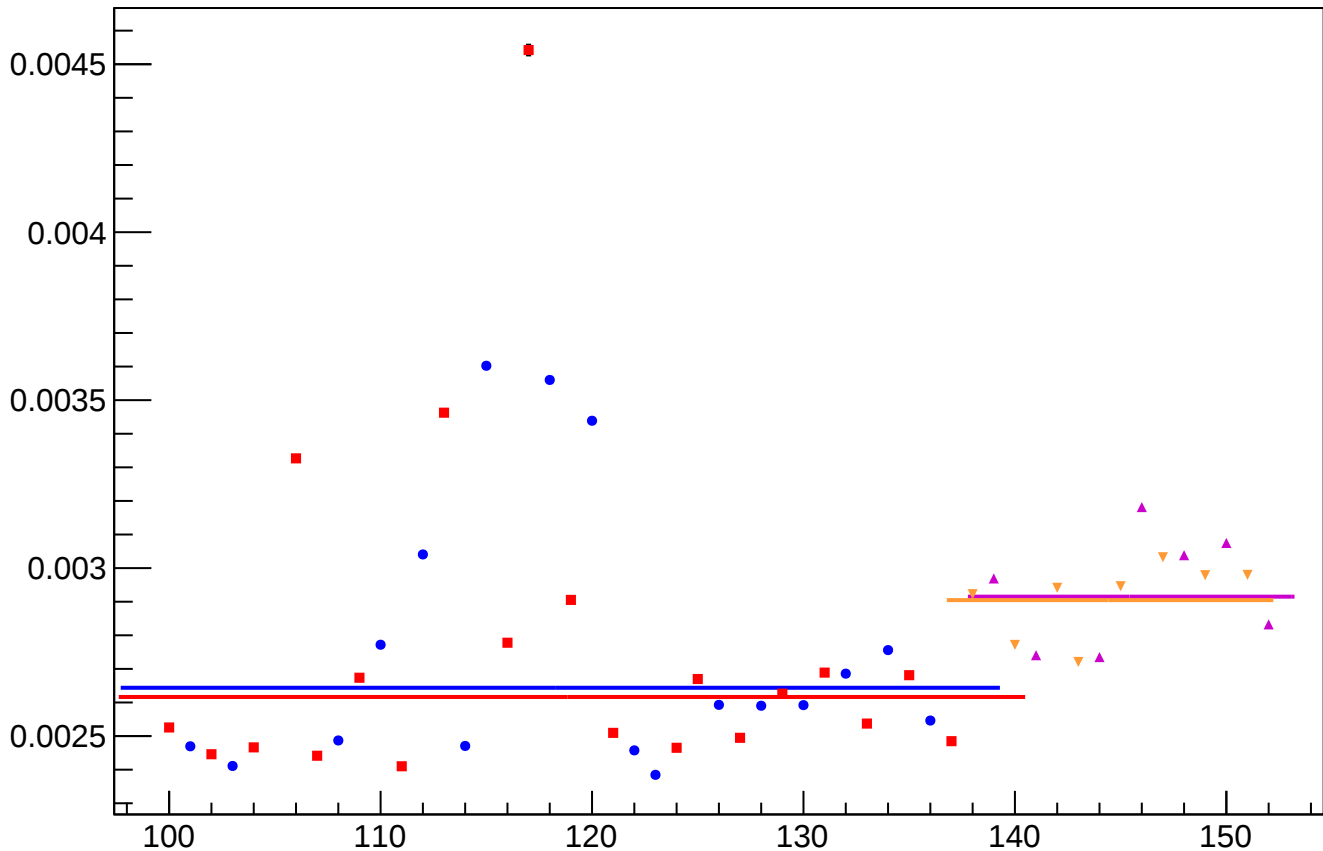
Right Out: -1.584+/-0.000 χ^2/NDF : 143612120137.8/19

-1.835+/-0.000 χ^2/NDF : 612296213554.7

-1.814+/-0.000 χ^2/NDF : 305996441664.0/26

Left In: -2.177+/-0.000 χ^2/NDF : 28909182324.0/6

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 :13847.9/7

Right Out: 0.003+/-0.000 χ^2/NDF : 119852.1/19

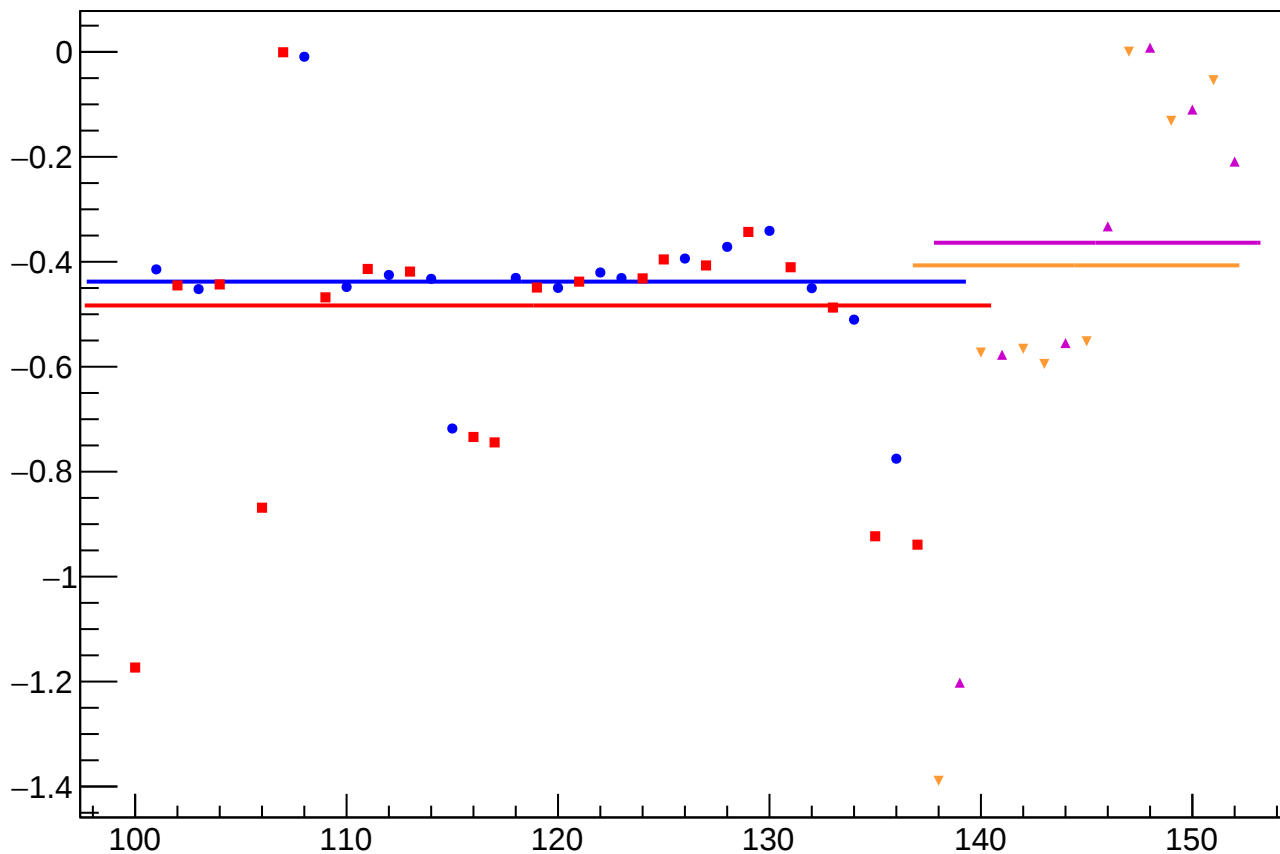
Left In: 0.003+/-0.000 χ^2/NDF :31973.5/6

0.003+/-0.000 χ^2/NDF : 215238.4/24

0.003+/-0.000 χ^2/NDF : 435379.7/51

0.003+/-0.000 χ^2/NDF : 219620.3/26

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.438 $\pm$ 0.000 χ^2/NDF : 1462454117.6/16

Left Out: -0.407 $\pm$ 0.000 χ^2/NDF : 5429830148.8/7

Right Out: -0.483 $\pm$ 0.000 χ^2/NDF : 2714164016.2/19

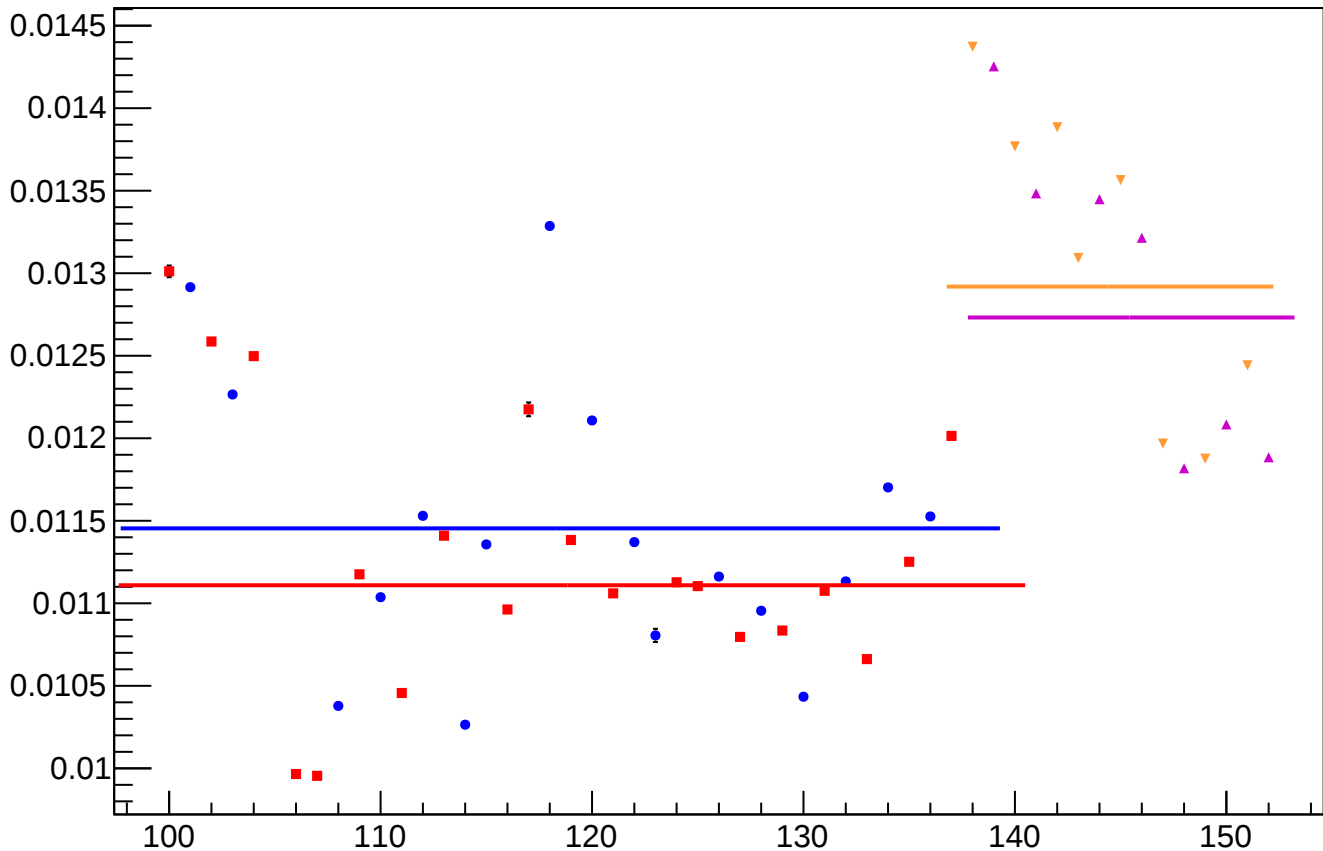
Left In: -0.364 $\pm$ 0.000 χ^2/NDF : 3887249013.0/6

-0.425 $\pm$ 0.000 χ^2/NDF : 6911096554.7/24

-0.433 $\pm$ 0.000 χ^2/NDF : 13818939296.0/5

-0.439 $\pm$ 0.000 χ^2/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 : 50400.0/7

Right Out: 0.011+/-0.000 χ^2/NDF : 56696.9/19

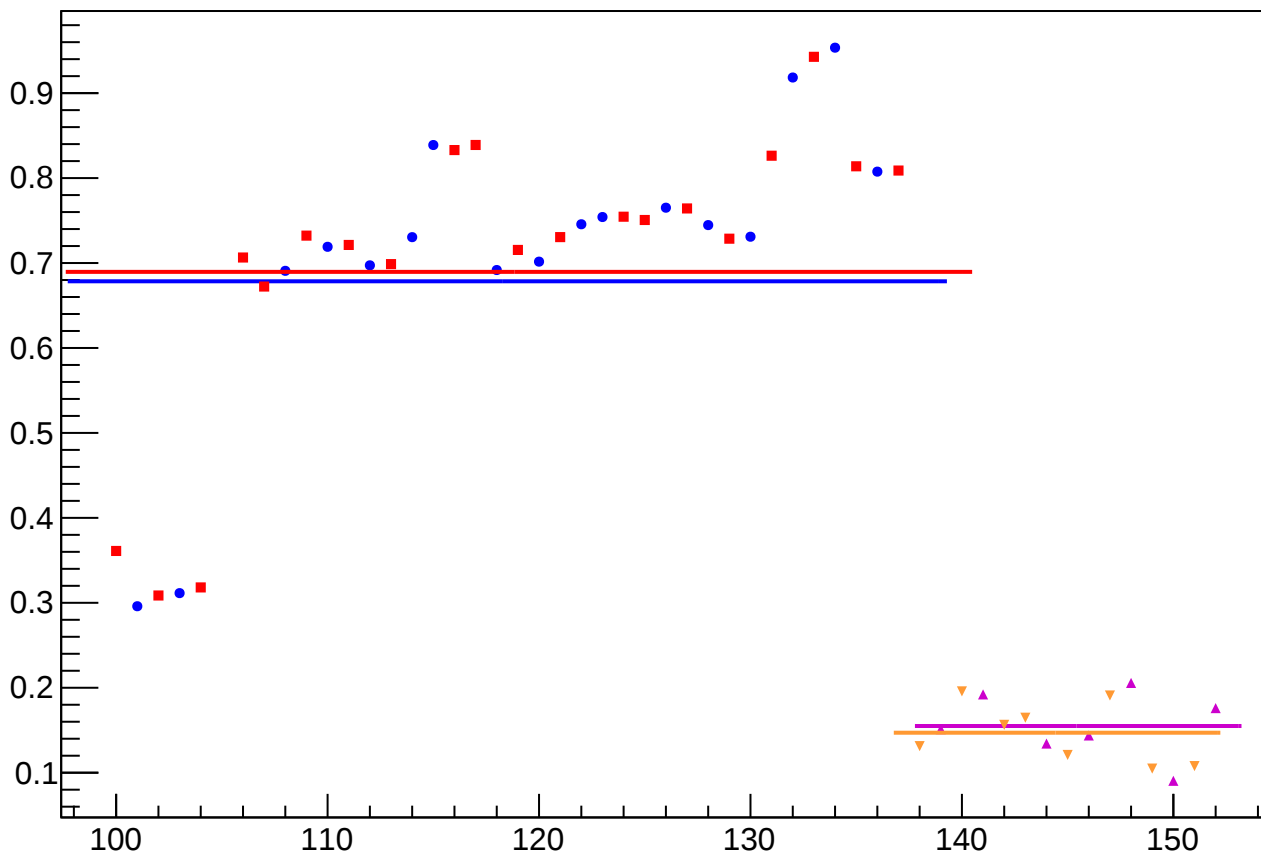
Left In: 0.013+/-0.000 χ^2/NDF : 48448.7/6

0.012+/-0.000 χ^2/NDF : 199117.4/24

0.012+/-0.000 χ^2/NDF : 423379.6/51

0.012+/-0.000 χ^2/NDF : 215126.4/26

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.678+/-0.000 χ^2/NDF : 38506442638.3/16

Left Out: 0.147+/-0.000 χ^2/NDF : 1454457783.2/7

Right Out: 0.690+/-0.000 χ^2/NDF : 35439496983.3/19

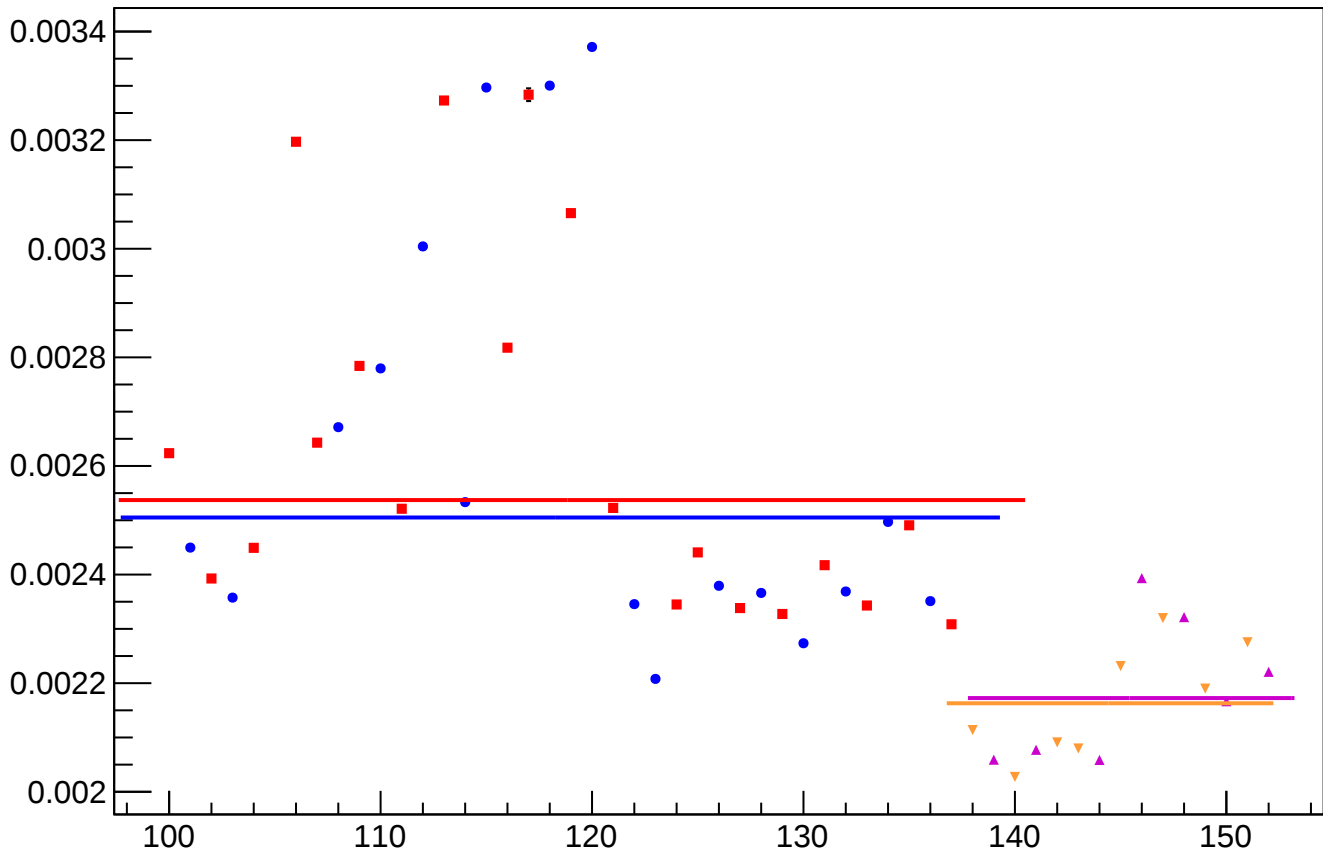
Left In: 0.155+/-0.000 χ^2/NDF : 1587002245.5/6

0.389+/-0.000 χ^2/NDF : 196006588983.3/24

0.397+/-0.000 χ^2/NDF : 392302813355.6/24

0.406+/-0.000 χ^2/NDF : 196001470203.7/26

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2/NDF : 175524.0/16

Left Out: 0.002 $\pm$ 0.000 χ^2/NDF : 23438.5/7

Right Out: 0.003 $\pm$ 0.000 χ^2/NDF : 135649.7/19

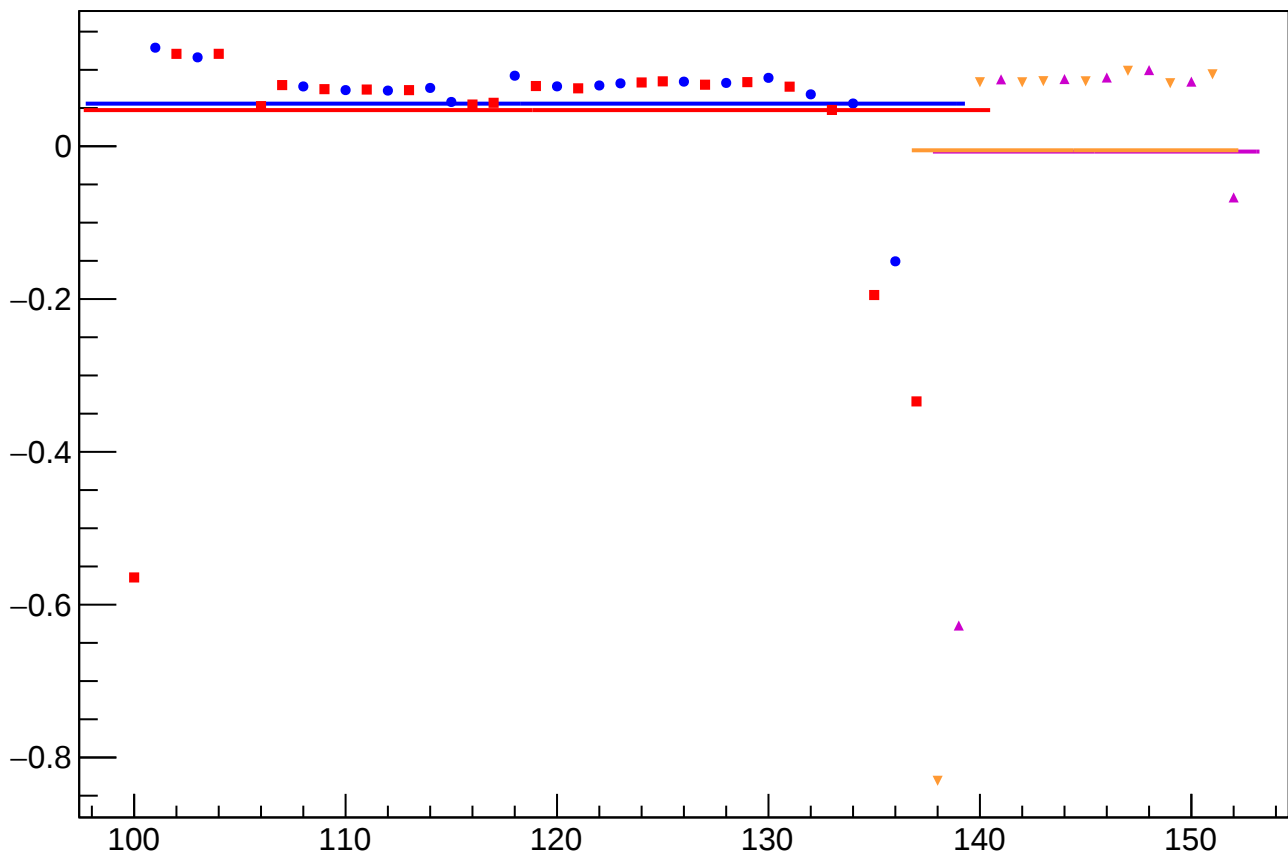
Left In: 0.002 $\pm$ 0.000 χ^2/NDF : 33731.1/6

0.002 $\pm$ 0.000 χ^2/NDF : 328311.0/24

0.002 $\pm$ 0.000 χ^2/NDF : 646915.7/51

0.002 $\pm$ 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: -0.005+/-0.000 χ^2/NDF : 3069058651.3/7

Right Out: 0.047+/-0.000 χ^2/NDF : 819626031.7/19

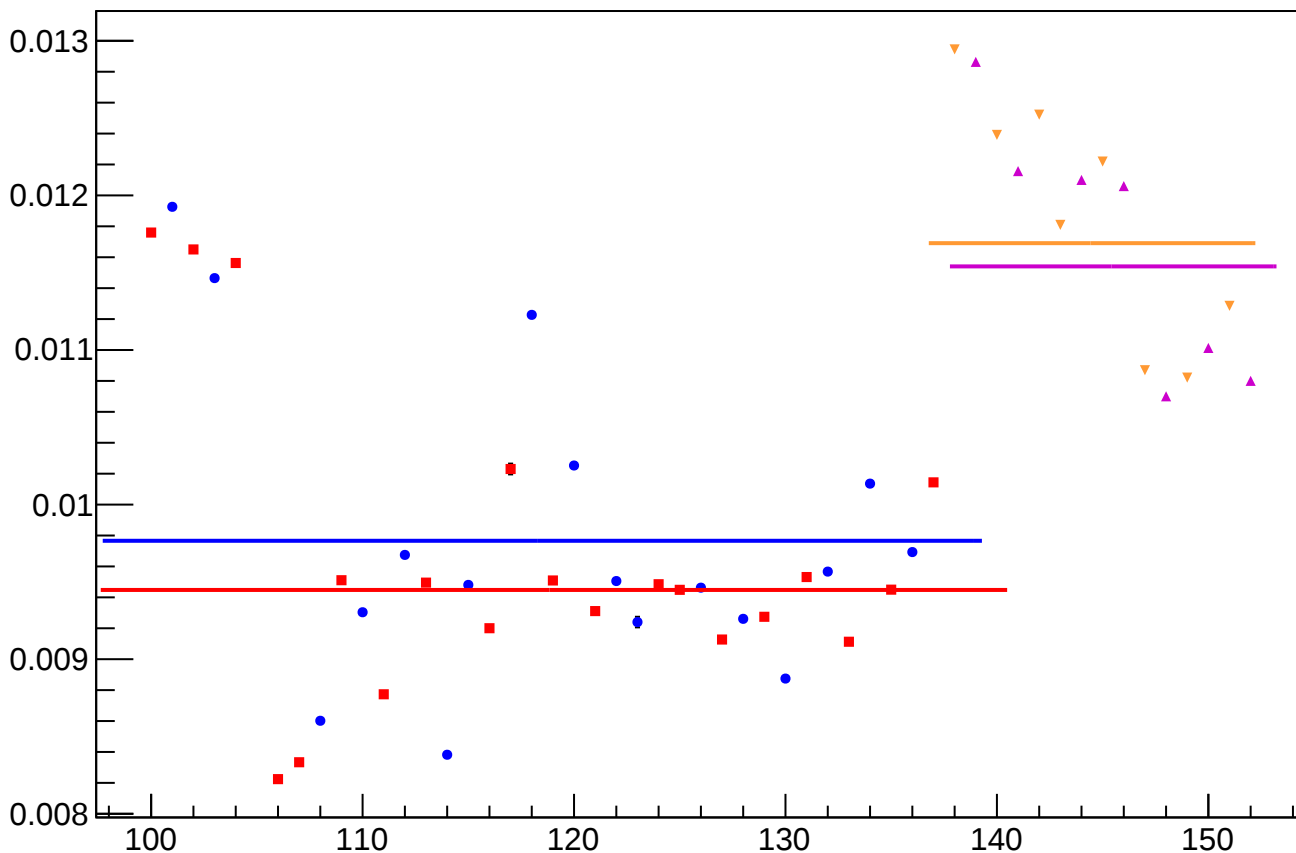
Left In: -0.007+/-0.000 χ^2/NDF : 1828659980.9/6

0.033+/-0.000 χ^2/NDF : 3585263785.5/24

0.031+/-0.000 χ^2/NDF : 6312813696.4/51

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:44339.0/7

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 111197.0/19

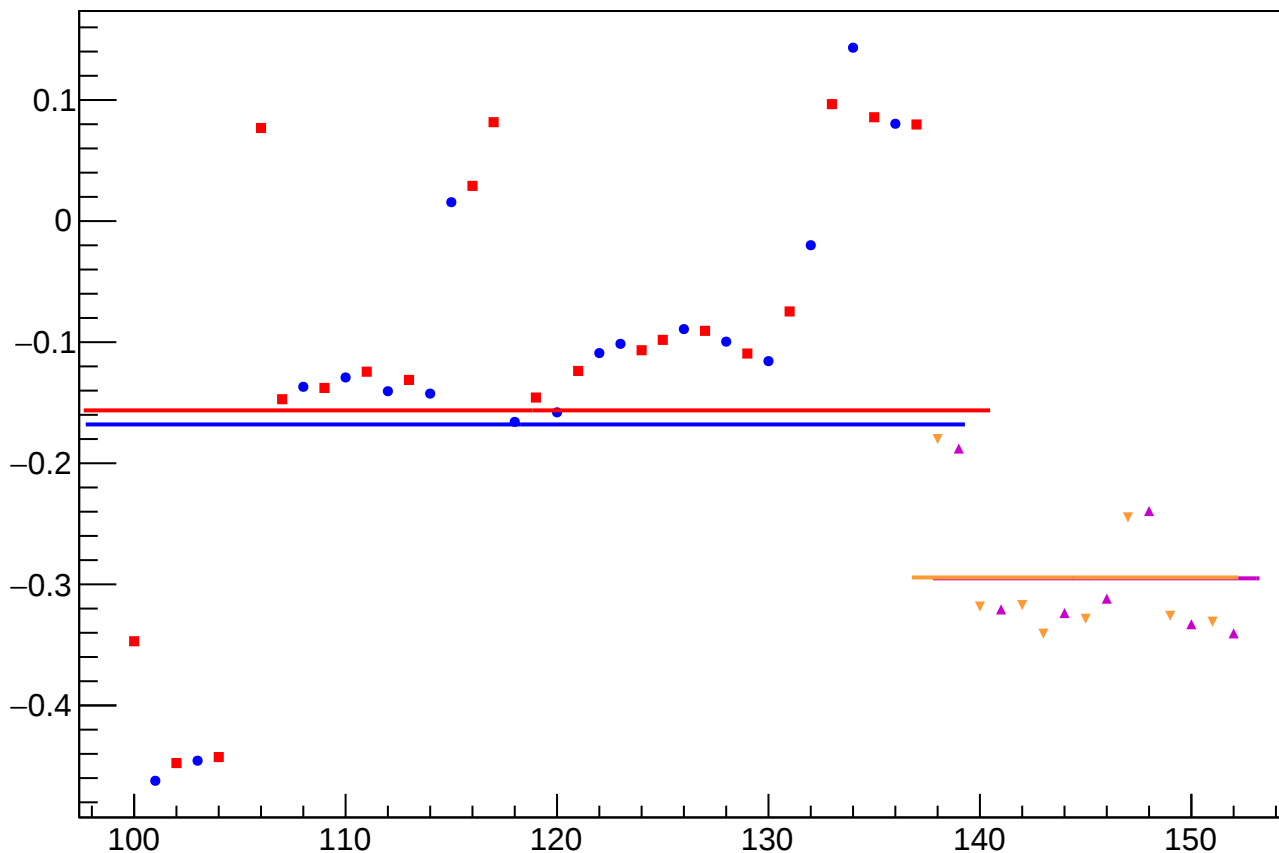
Left In: 0.012 $\pm$ 0.000 χ^2 /NDF:44896.2/6

0.010 $\pm$ 0.000 χ^2 /NDF: 346239.9/24

0.010 $\pm$ 0.000 χ^2 /NDF: 746164.3/51

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: -0.294+/-0.000 χ^2/NDF : 1924893847.7/7

Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

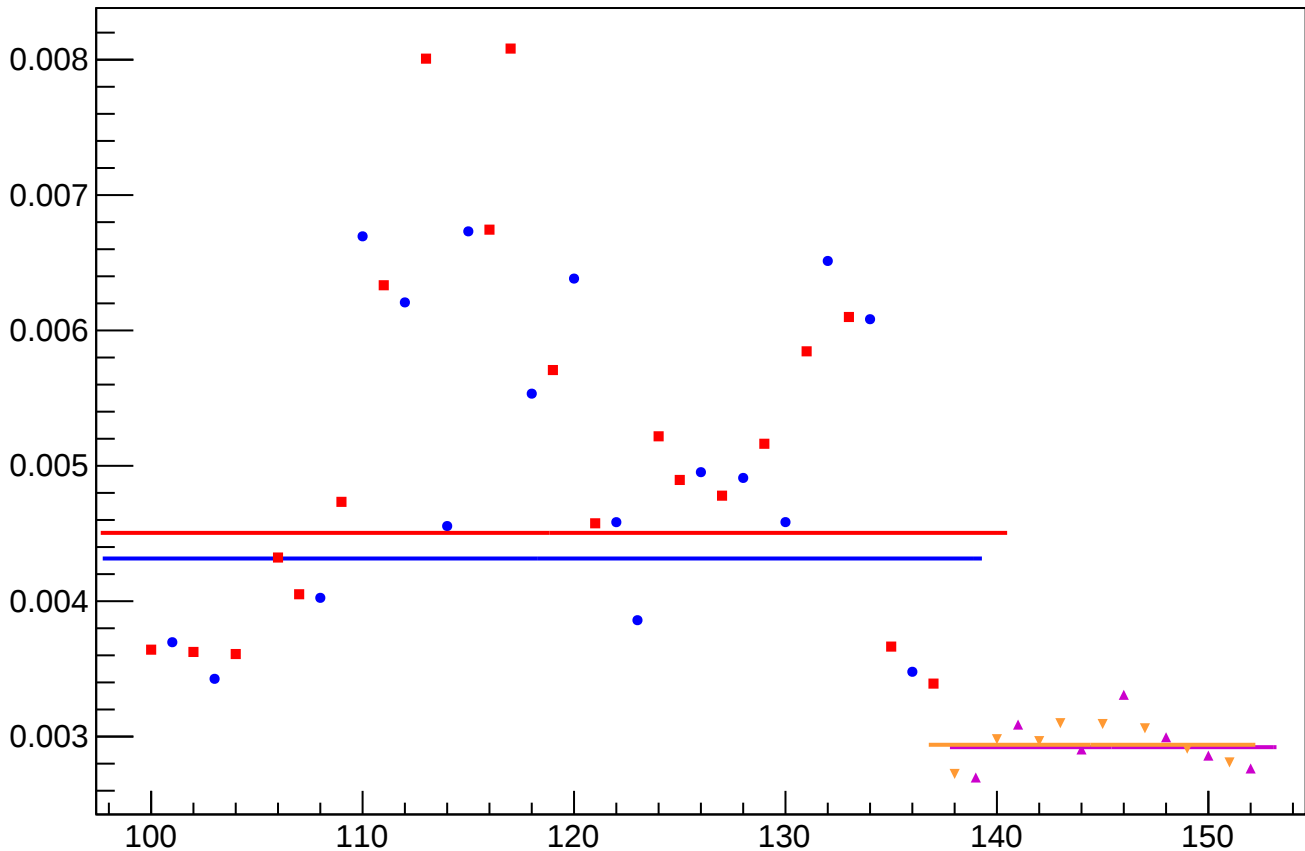
Left In: -0.295+/-0.000 χ^2/NDF : 1815457220.3/6

-0.252+/-0.000 χ^2/NDF : 17568506002.9/24

-0.251+/-0.000 χ^2/NDF : 34410733192.0/5

-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 : 21422.7/7

Right Out: 0.005 $\pm$ 0.000 χ^2/NDF : 665152.6/19

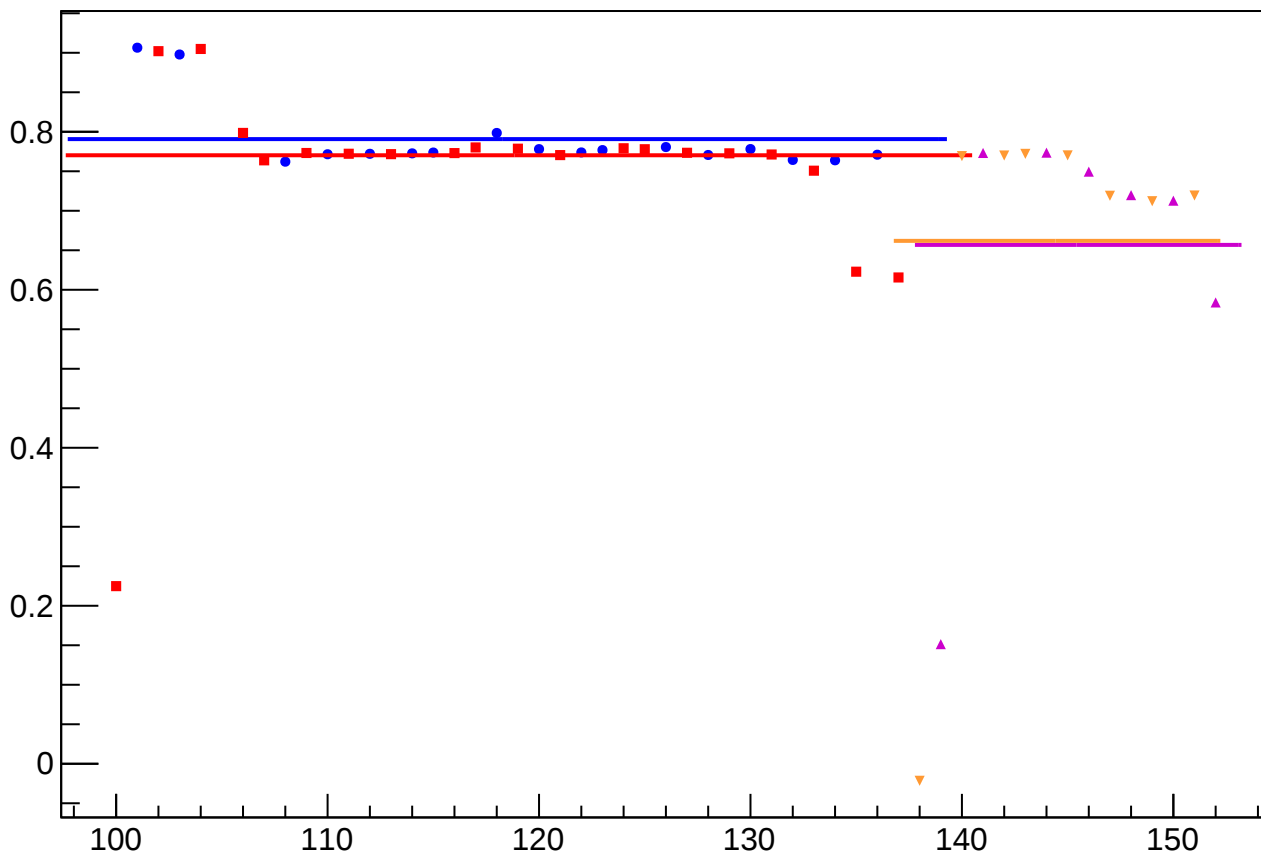
Left In: 0.003 $\pm$ 0.000 χ^2/NDF : 39849.0/6

0.003 $\pm$ 0.000 χ^2/NDF : 1426452.5/24

0.003 $\pm$ 0.000 χ^2/NDF : 3165321.9/51

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: 0.662 $\pm$ 0.000 χ^2 /NDF: 2329271888.8/7

Right Out: 0.770 $\pm$ 0.000 χ^2 /NDF: 375473971.0/19

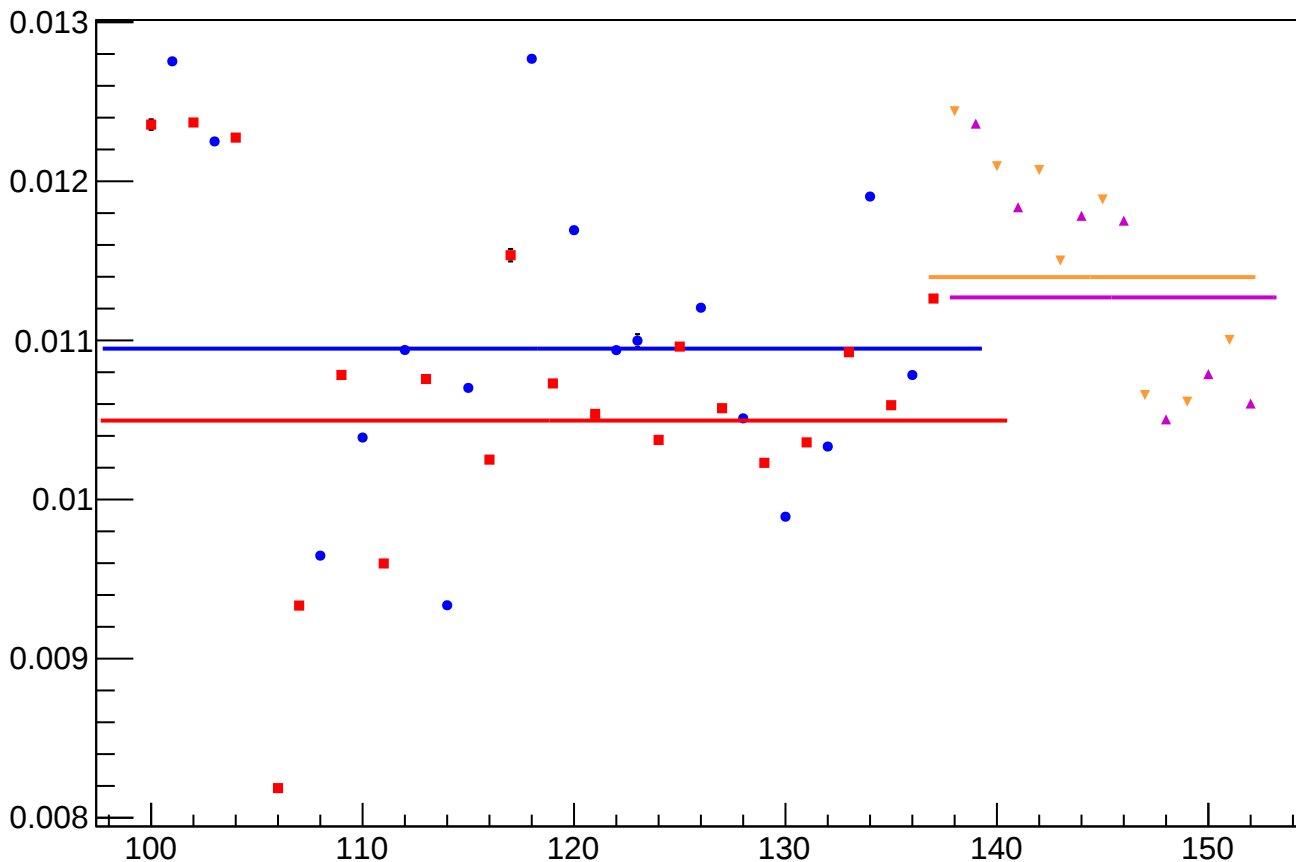
Left In: 0.657 $\pm$ 0.000 χ^2 /NDF: 1394096579.5/6

0.734 $\pm$ 0.000 χ^2 /NDF: 2828011812.0/24

0.729 $\pm$ 0.000 χ^2 /NDF: 4929567979.5/51

0.724 $\pm$ 0.000 χ^2 /NDF: 2096902460.5/26

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 98551.4/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 37362.6/7

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 120120.6/19

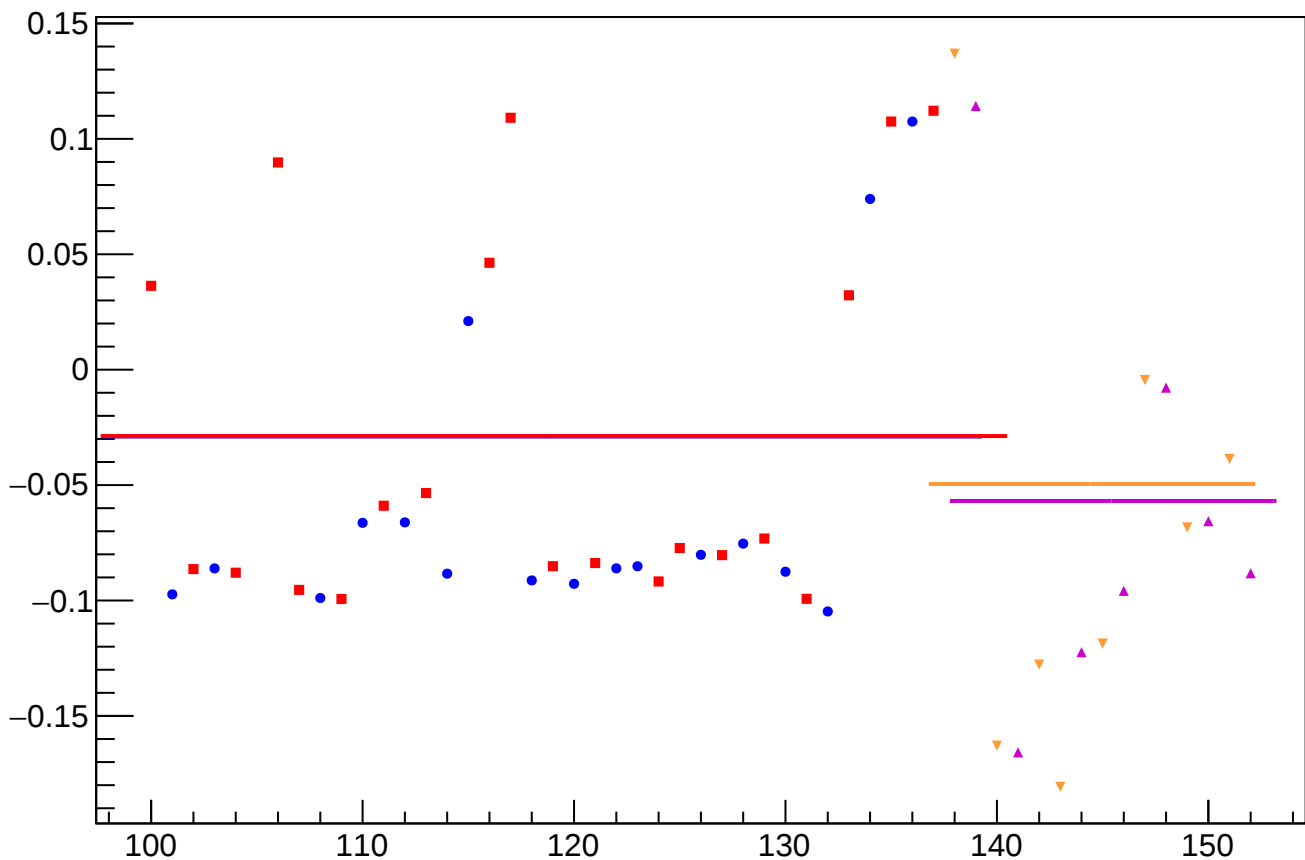
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 37476.4/6

0.011 $\pm$ 0.000 χ^2 /NDF: 145464.4/24

0.011 $\pm$ 0.000 χ^2 /NDF: 344973.3/51

0.011 $\pm$ 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: -0.050+/-0.000 χ^2/NDF : 4752591899.0/7

Right Out: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

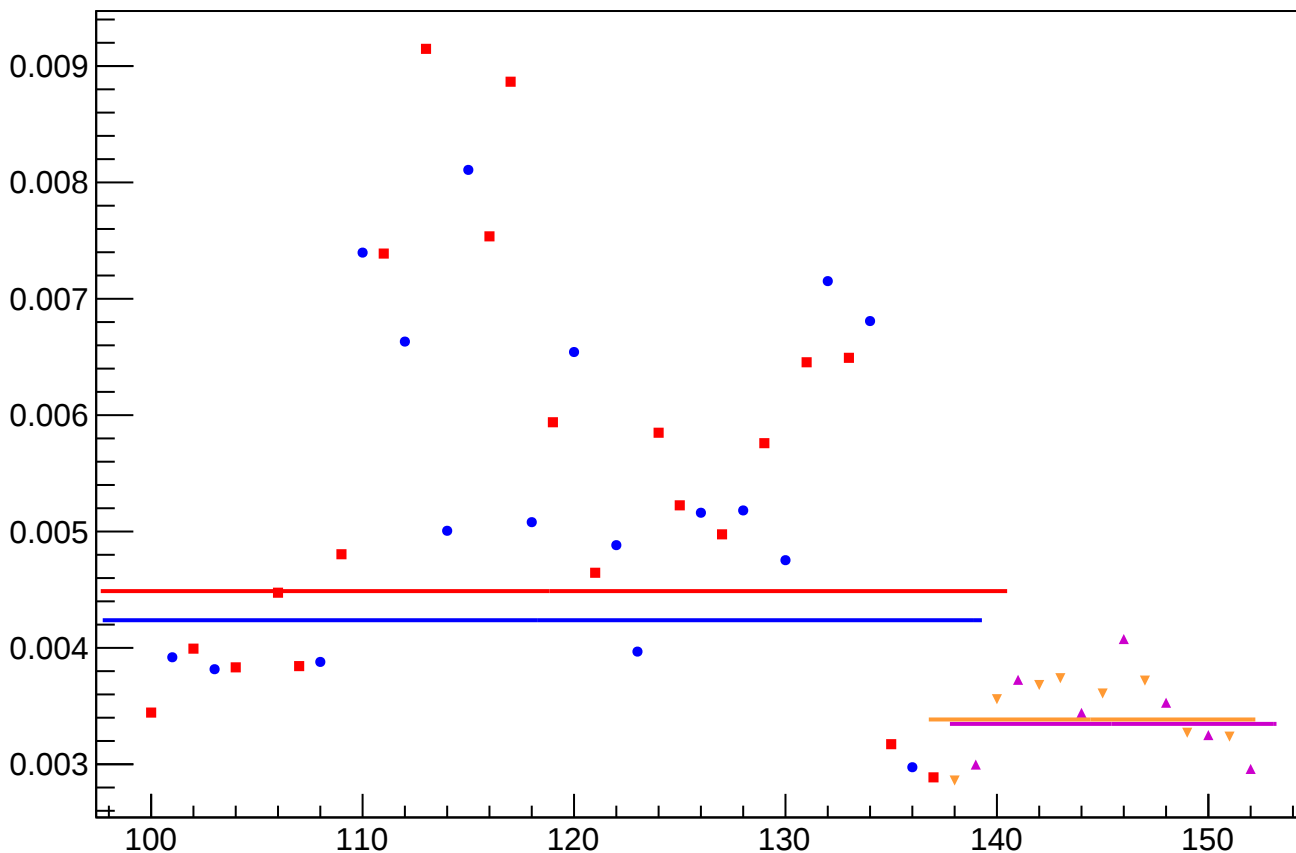
Left In: -0.057+/-0.000 χ^2/NDF : 3303298235.4/6

-0.041+/-0.000 χ^2/NDF : 7275353112.8/24

-0.044+/-0.000 χ^2/NDF : 12850418729.1/5

-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 :85127.2/7

Right Out: 0.004+/-0.000 χ^2/NDF : 1003473.4/19

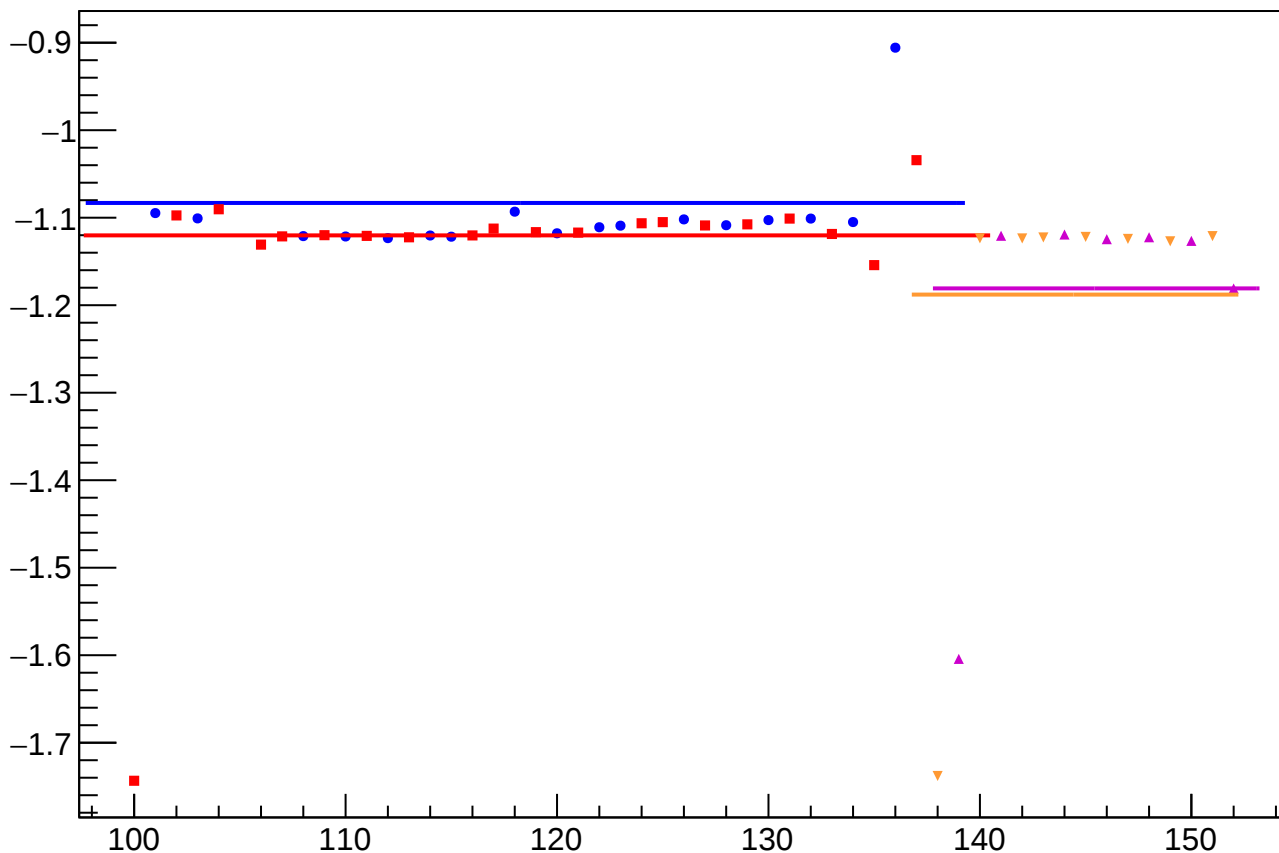
Left In: 0.003+/-0.000 χ^2/NDF :108951.4/6

0.004+/-0.000 χ^2/NDF : 1230909.9/24

0.004+/-0.000 χ^2/NDF : 2809257.0/51

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: -1.188+/-0.000 χ^2/NDF : 1863953608.4/7

Right Out: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

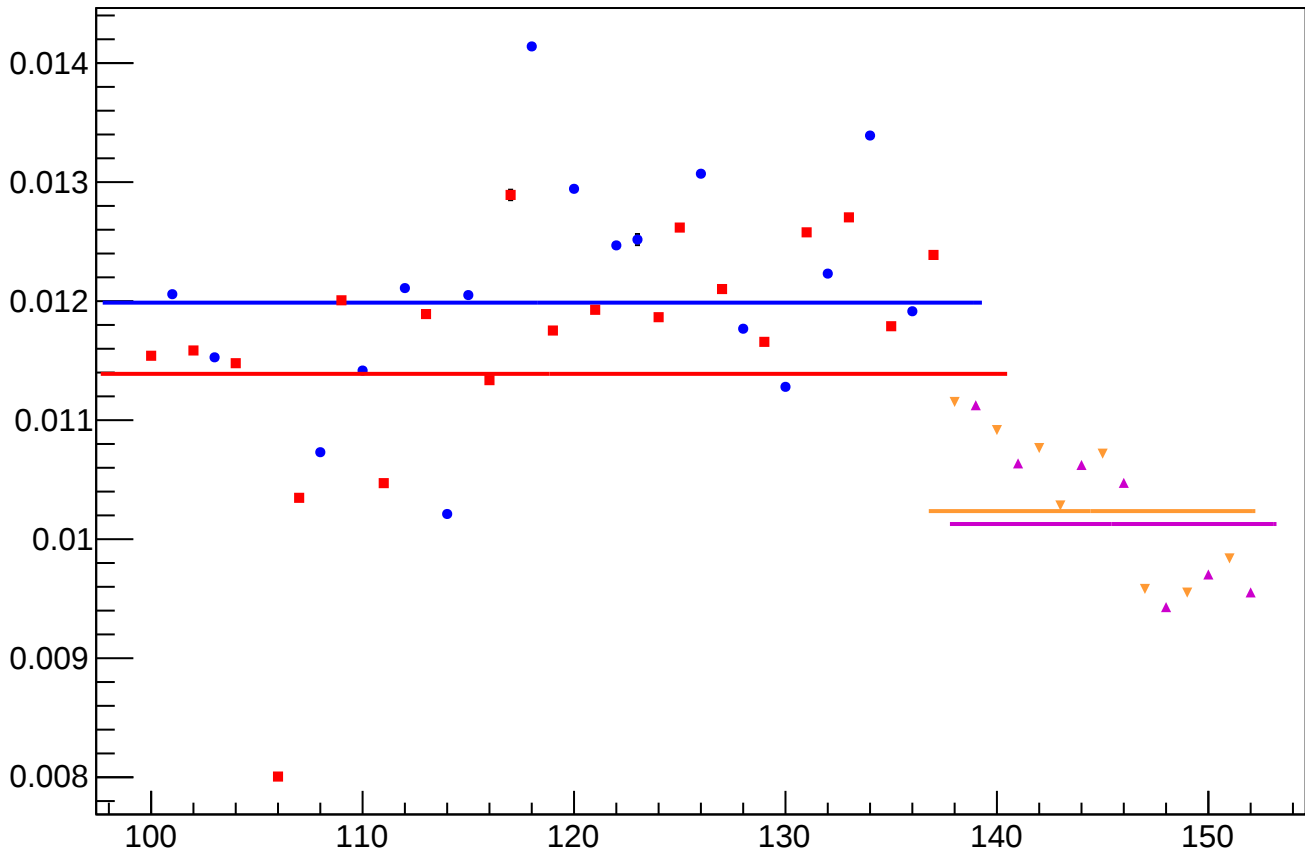
Left In: -1.181+/-0.000 χ^2/NDF : 1089854938.5/6

-1.140+/-0.000 χ^2/NDF : 2332336765.7/24

-1.145+/-0.000 χ^2/NDF : 3746266302.5/5

-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 : 37721.9/7

Right Out: 0.011+/-0.000 χ^2/NDF : 155700.3/19

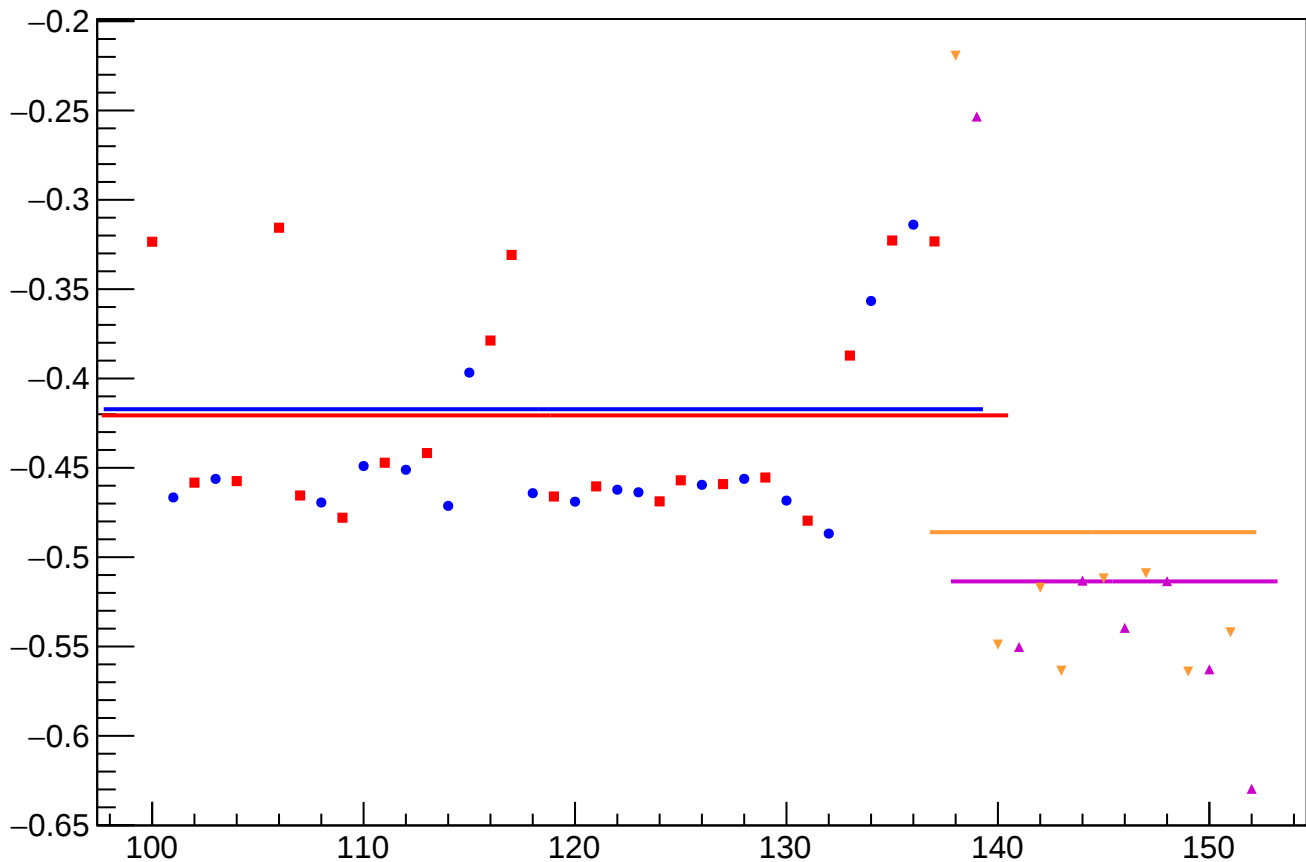
Left In: 0.010+/-0.000 χ^2/NDF : 37177.7/6

0.011+/-0.000 χ^2/NDF : 246595.0/24

0.011+/-0.000 χ^2/NDF : 532186.9/51

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: -0.486+/-0.000 χ^2/NDF : 5304877980.4/7

Right Out: -0.421+/-0.000 χ^2/NDF : 1652792044.5/19

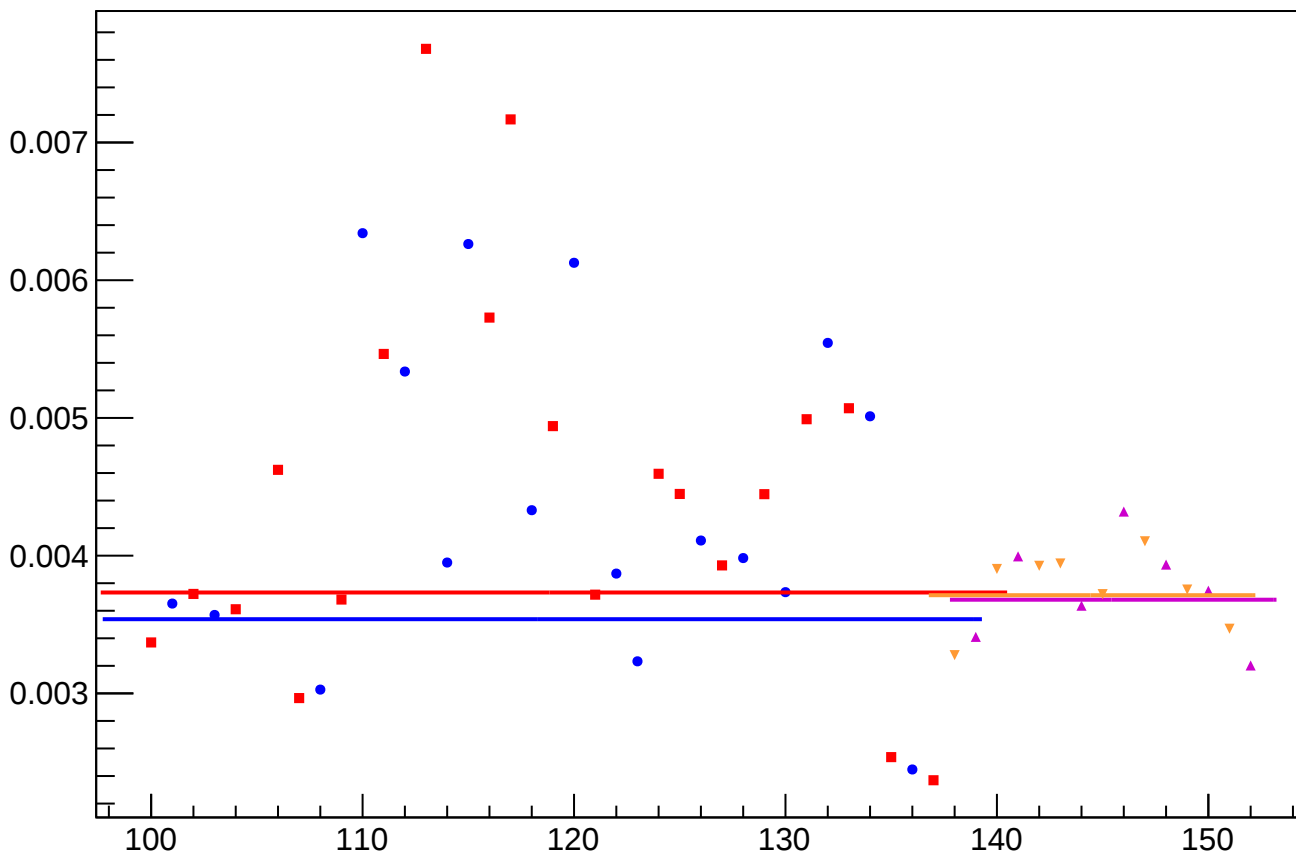
Left In: -0.514+/-0.000 χ^2/NDF : 4918199963.1/6

-0.449+/-0.000 χ^2/NDF : 8293800525.7/24

-0.457+/-0.000 χ^2/NDF : 16673115532.5/24

-0.464+/-0.000 χ^2/NDF : 8285291525.3/26

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 836154.0/16

Left Out: 0.004+/-0.000 χ^2/NDF : 53039.0/7

Right Out: 0.004+/-0.000 χ^2/NDF : 916963.6/19

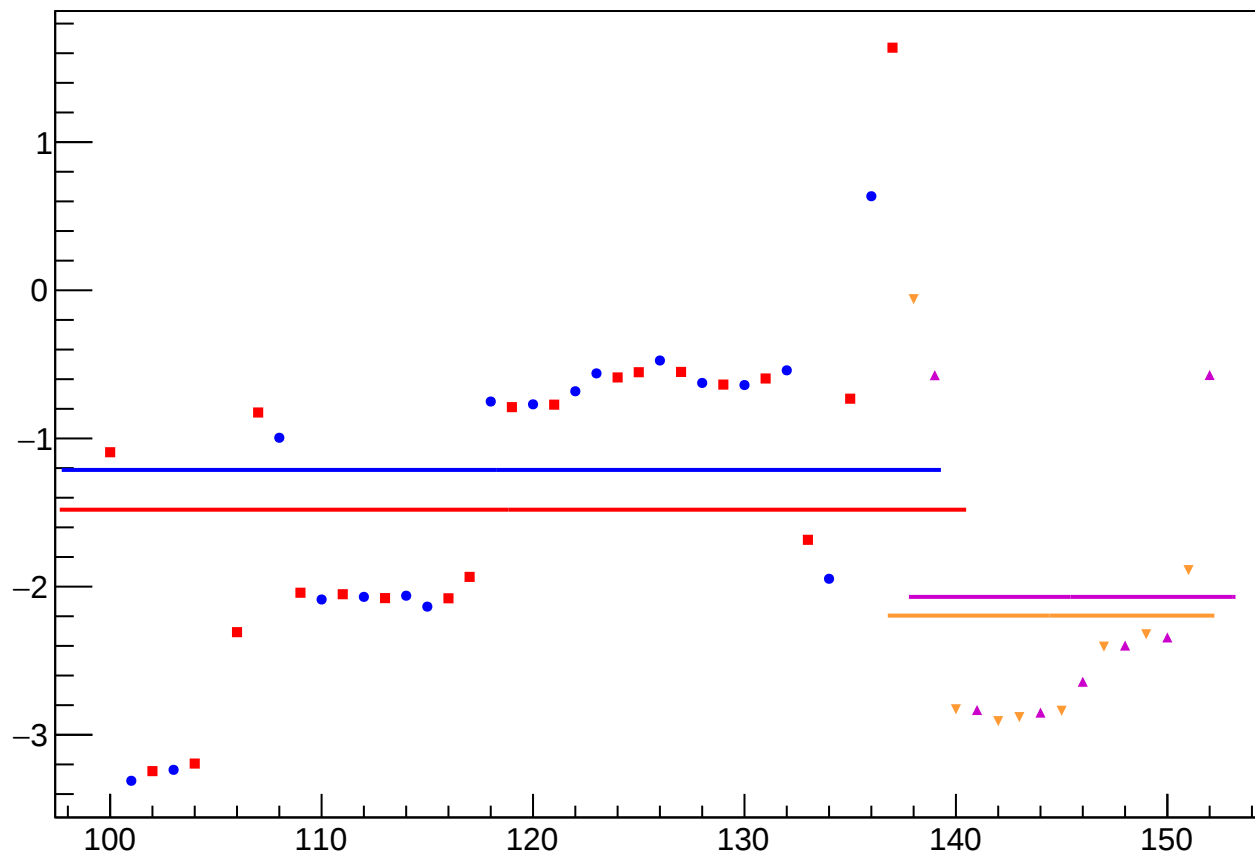
Left In: 0.004+/-0.000 χ^2/NDF : 87561.8/6

0.004+/-0.000 χ^2/NDF : 901367.5/24

0.004+/-0.000 χ^2/NDF : 1913315.9/51

0.004+/-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: -2.196+/-0.000 χ^2/NDF : 863658537.3/7

Right Out: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

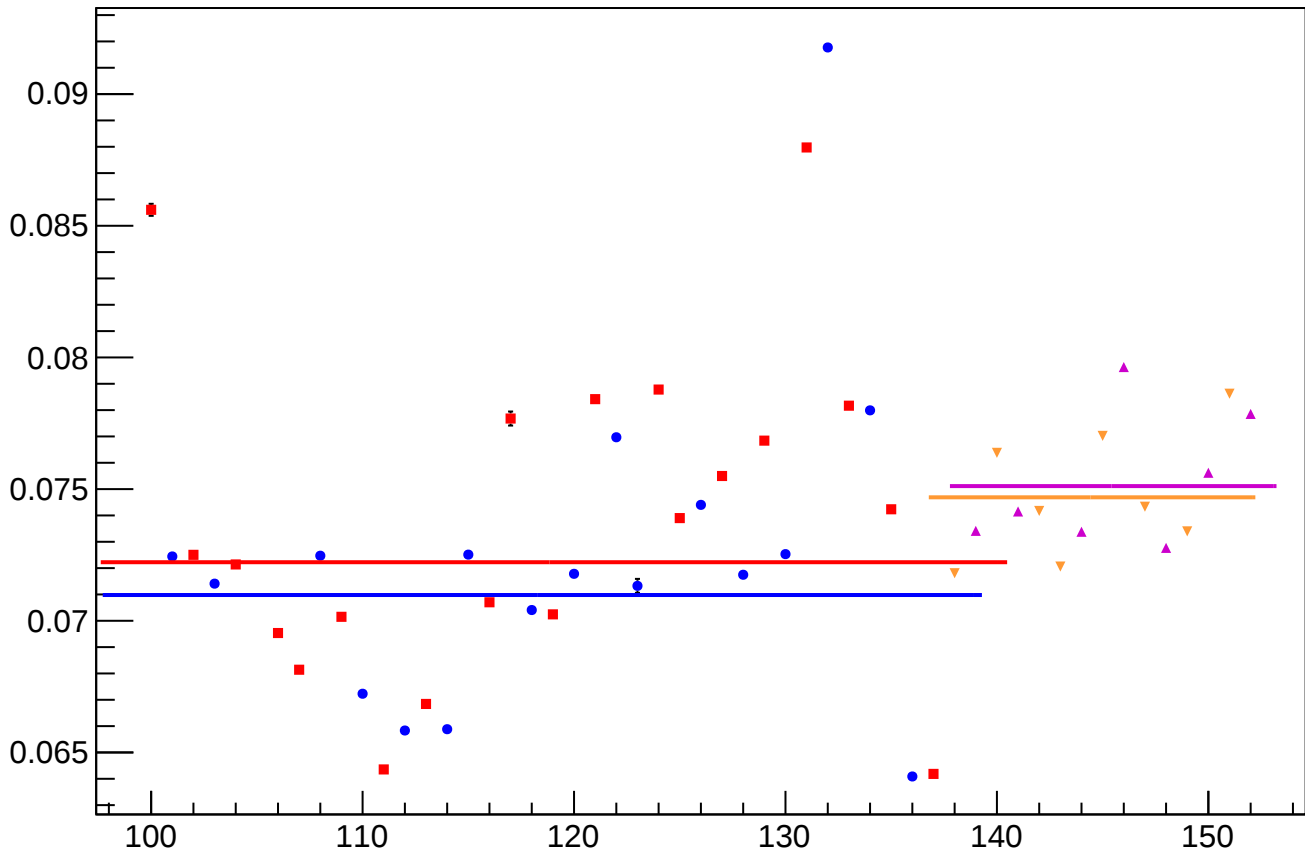
Left In: -2.069+/-0.000 χ^2/NDF : 827679721.9/6

-1.640+/-0.000 χ^2/NDF : 3404628890.2/24

-1.684+/-0.000 χ^2/NDF : 6016714587.0/5

-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 : 10638.2/7

Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

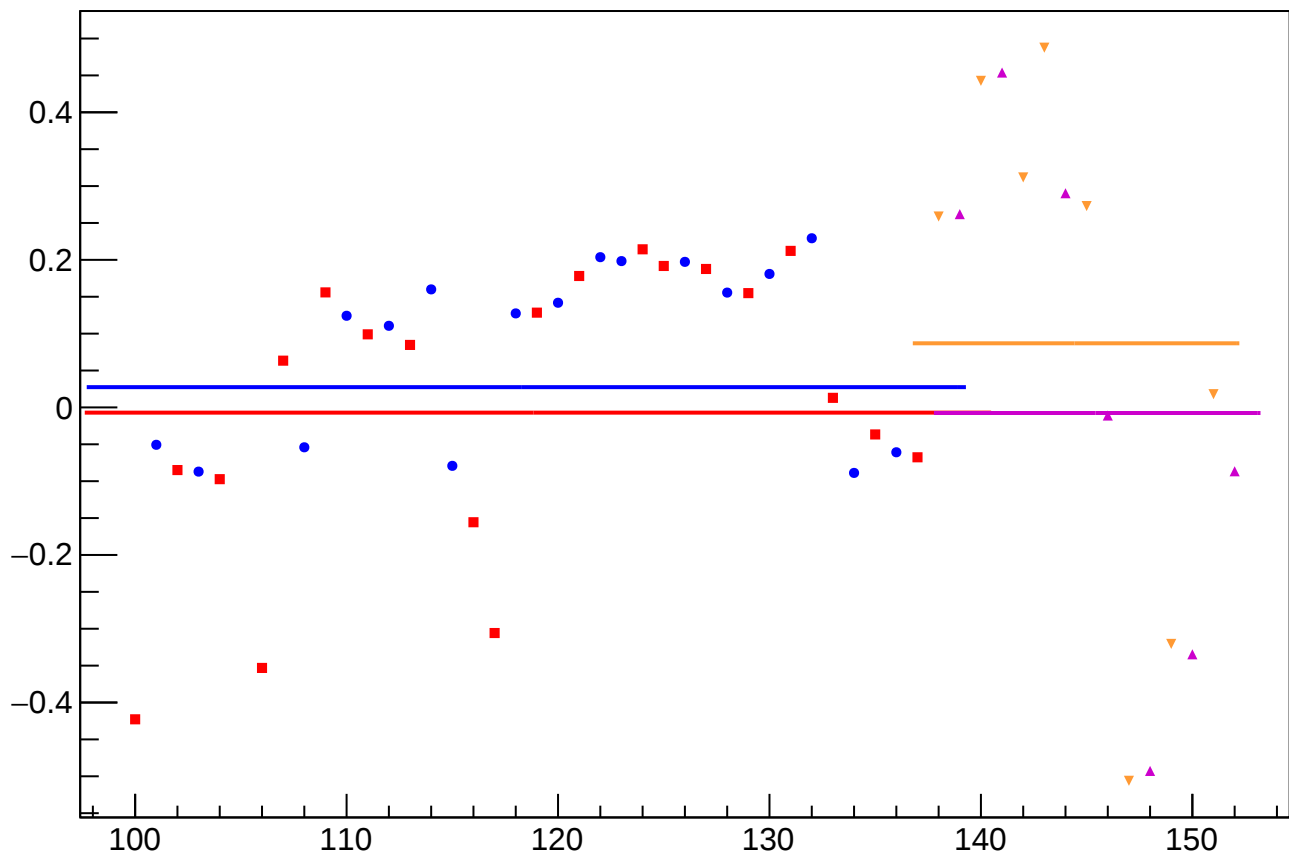
Left In: 0.075+/-0.000 χ^2/NDF : 10420.3/6

0.073+/-0.000 χ^2/NDF : 103833.0/24

0.073+/-0.000 χ^2/NDF : 199014.1/51

0.073+/-0.000 χ^2/NDF : 93511.2/26

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.000 χ^2/NDF : 562337631.4/16

Left Out: 0.087 $\pm$ 0.000 χ^2/NDF : 8332291482.7/7

Right Out: -0.007 $\pm$ 0.000 χ^2/NDF : 1207003891.2/19

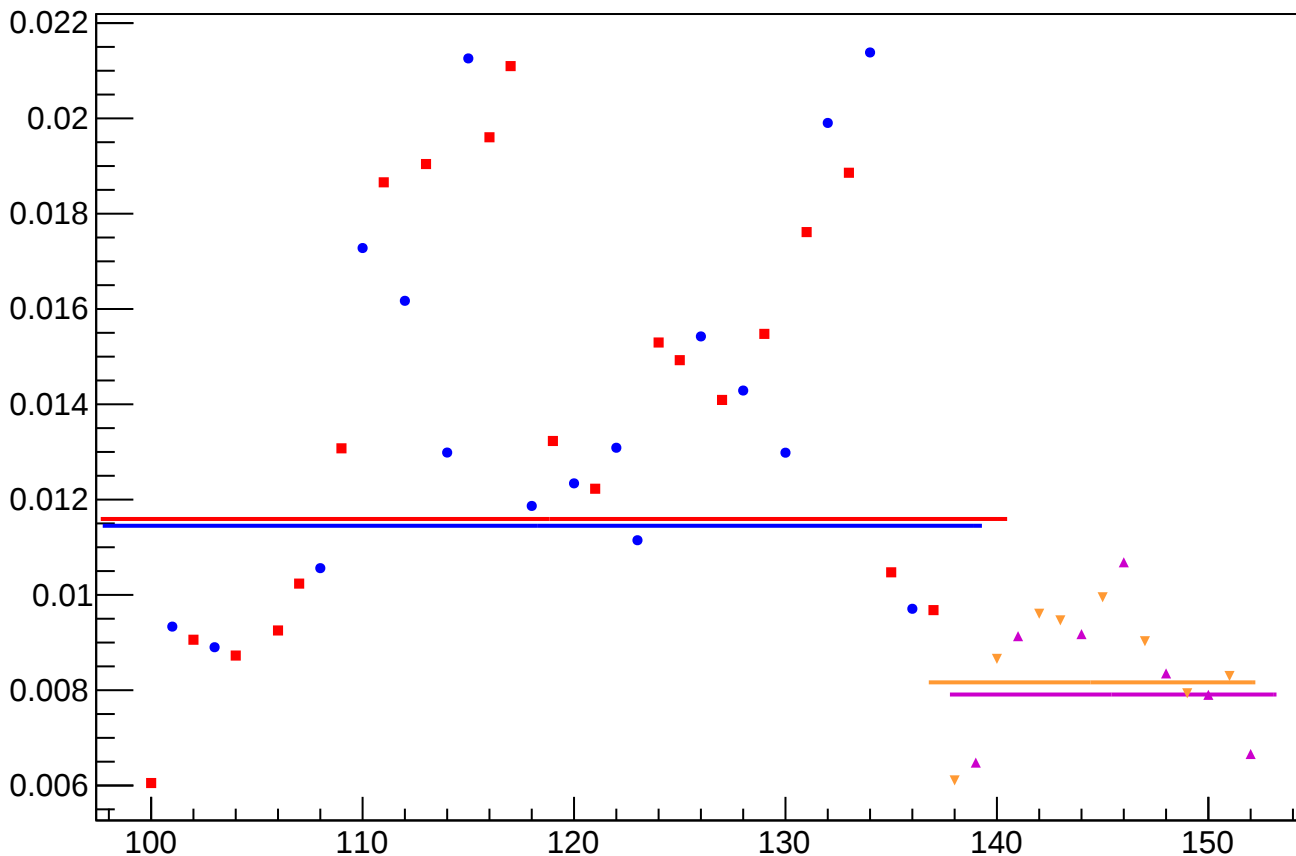
Left In: -0.008 $\pm$ 0.000 χ^2/NDF : 7890329164.3/6

0.065 $\pm$ 0.000 χ^2/NDF : 8992876906.9/24

0.028 $\pm$ 0.000 χ^2/NDF : 18412534012.6/5

-0.007 $\pm$ 0.000 χ^2/NDF : 9097339967.6/26

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.000 χ^2/NDF : 679628.0/16

Left Out: 0.008 $\pm$ 0.000 χ^2/NDF : 254503.6/7

Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 1012799.2/19

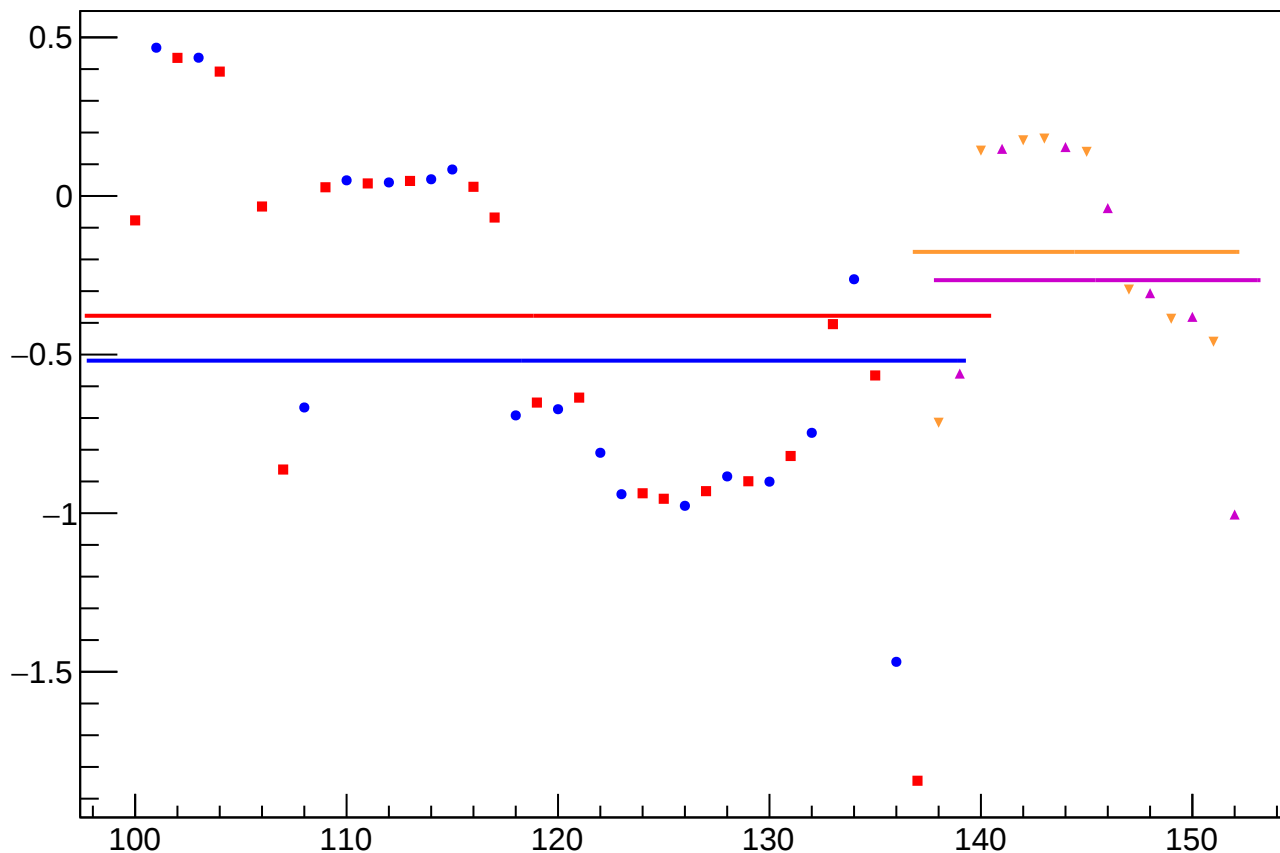
Left In: 0.008 $\pm$ 0.000 χ^2/NDF : 266188.9/6

0.009 $\pm$ 0.000 χ^2/NDF : 1534787.2/24

0.009 $\pm$ 0.000 χ^2/NDF : 3593200.8/51

0.009 $\pm$ 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: -0.176 ± 0.000 χ^2/NDF : 84169902.6/7

Right Out: -0.378 ± 0.000 χ^2/NDF : 269130827.6/19

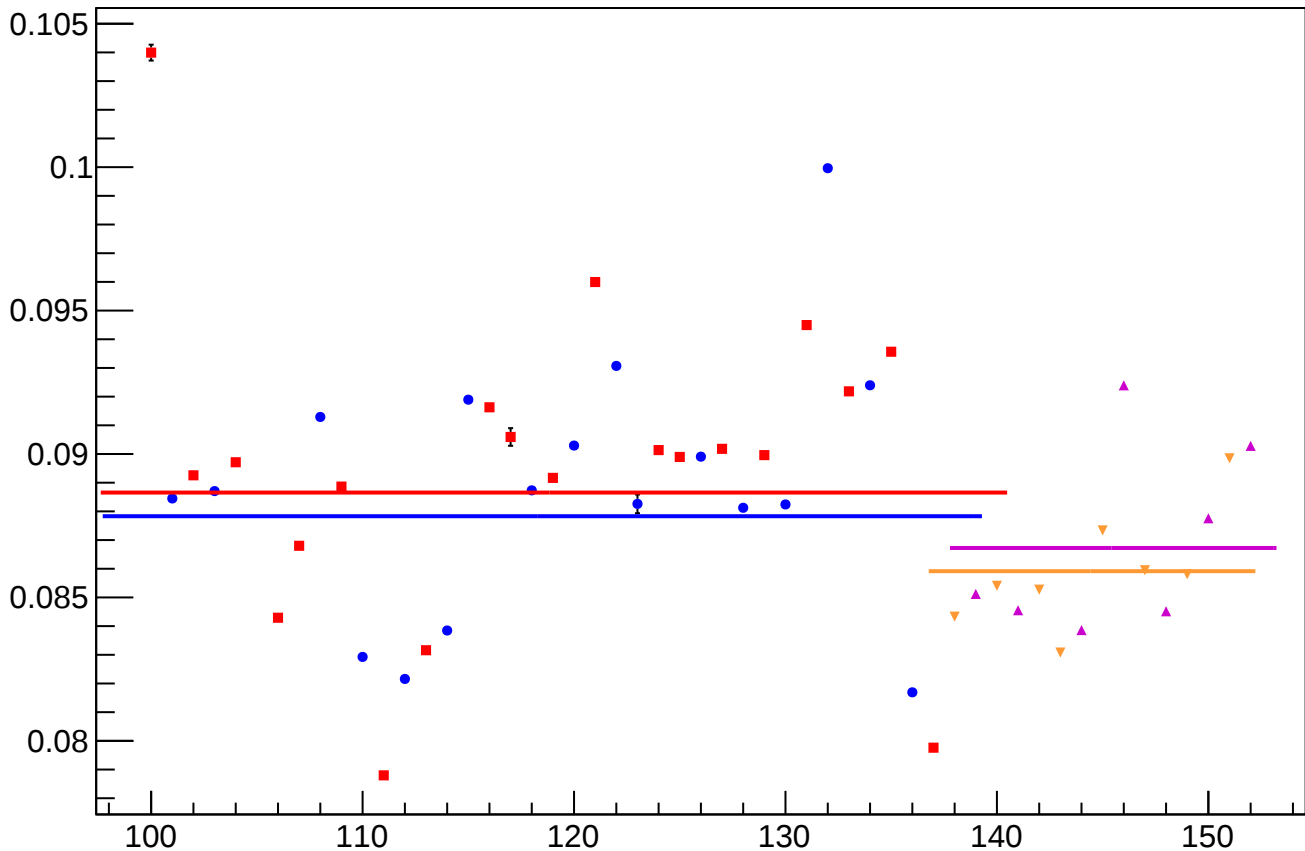
Left In: -0.265 ± 0.000 χ^2/NDF : 110893952.1/6

-0.357 ± 0.000 χ^2/NDF : 471675602.6/24

-0.342 ± 0.000 χ^2/NDF : 857622228.1/51

-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: 0.086 $\pm$ 0.000 χ^2/NDF : 5620.0/7

Right Out: 0.089 $\pm$ 0.000 χ^2/NDF : 39762.8/19

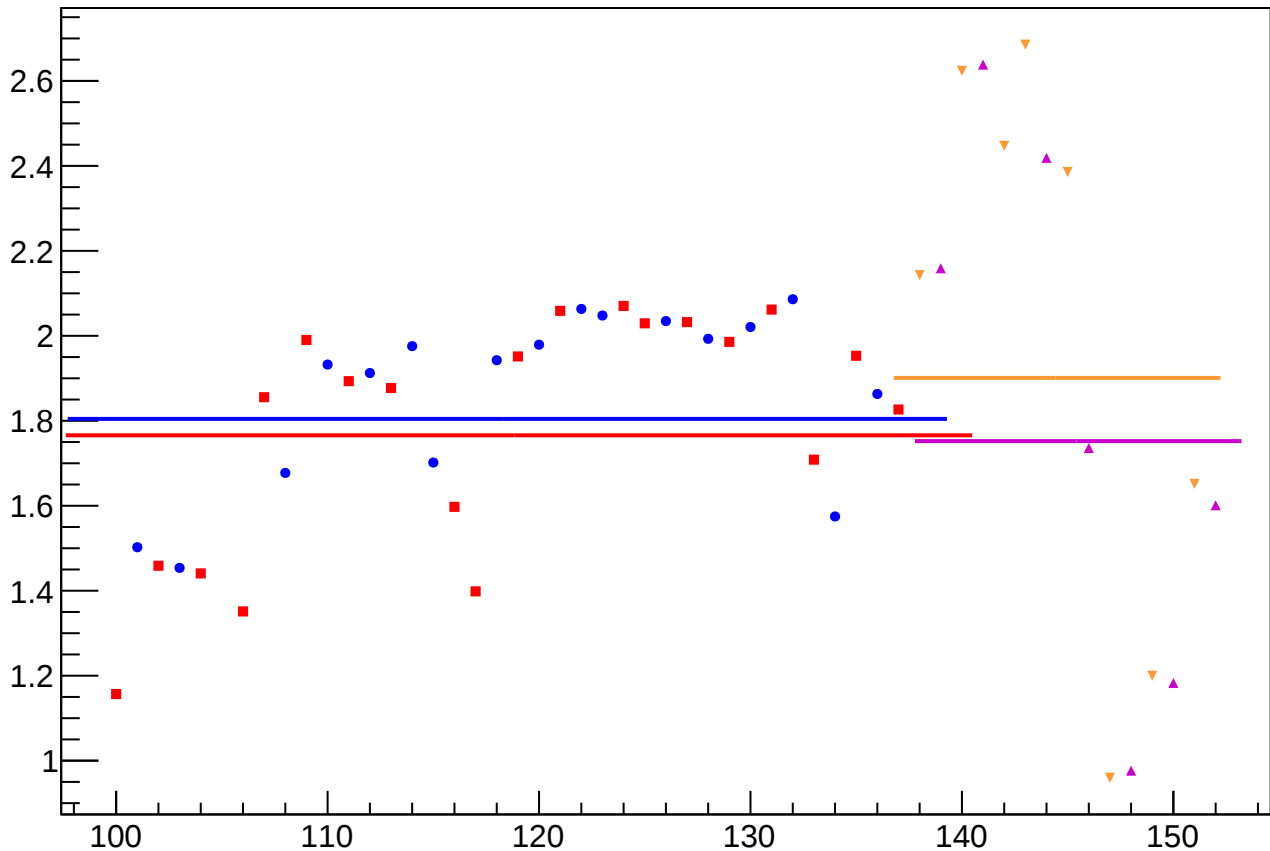
Left In: 0.087 $\pm$ 0.000 χ^2/NDF : 13373.4/6

0.087 $\pm$ 0.000 χ^2/NDF : 43579.1/24

0.087 $\pm$ 0.000 χ^2/NDF : 100987.9/51

0.088 $\pm$ 0.000 χ^2/NDF : 56198.4/26

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.804 $\pm$ 0.000 χ^2 /NDF: 1156747883.2/16

Left Out: 1.901 $\pm$ 0.000 χ^2 /NDF: 15601760810.2/7

Right Out: 1.766 $\pm$ 0.000 χ^2 /NDF: 1717275187.7/19

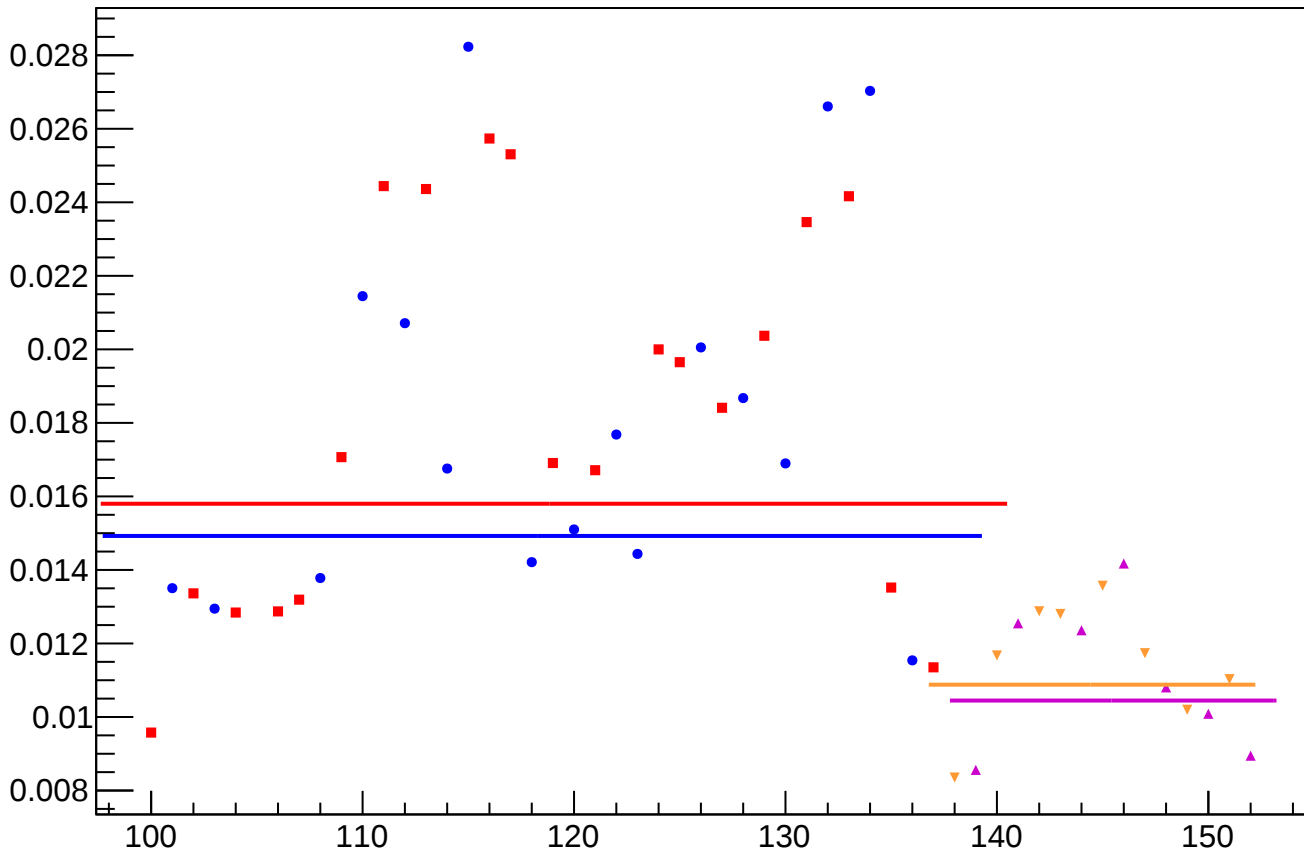
Left In: 1.752 $\pm$ 0.000 χ^2 /NDF: 14232185059.1/6

1.865 $\pm$ 0.000 χ^2 /NDF: 16909113965.6/24

1.810 $\pm$ 0.000 χ^2 /NDF: 33270134490.3/5

1.757 $\pm$ 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: 0.011+/-0.000 χ^2/NDF : 248343.2/7

Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

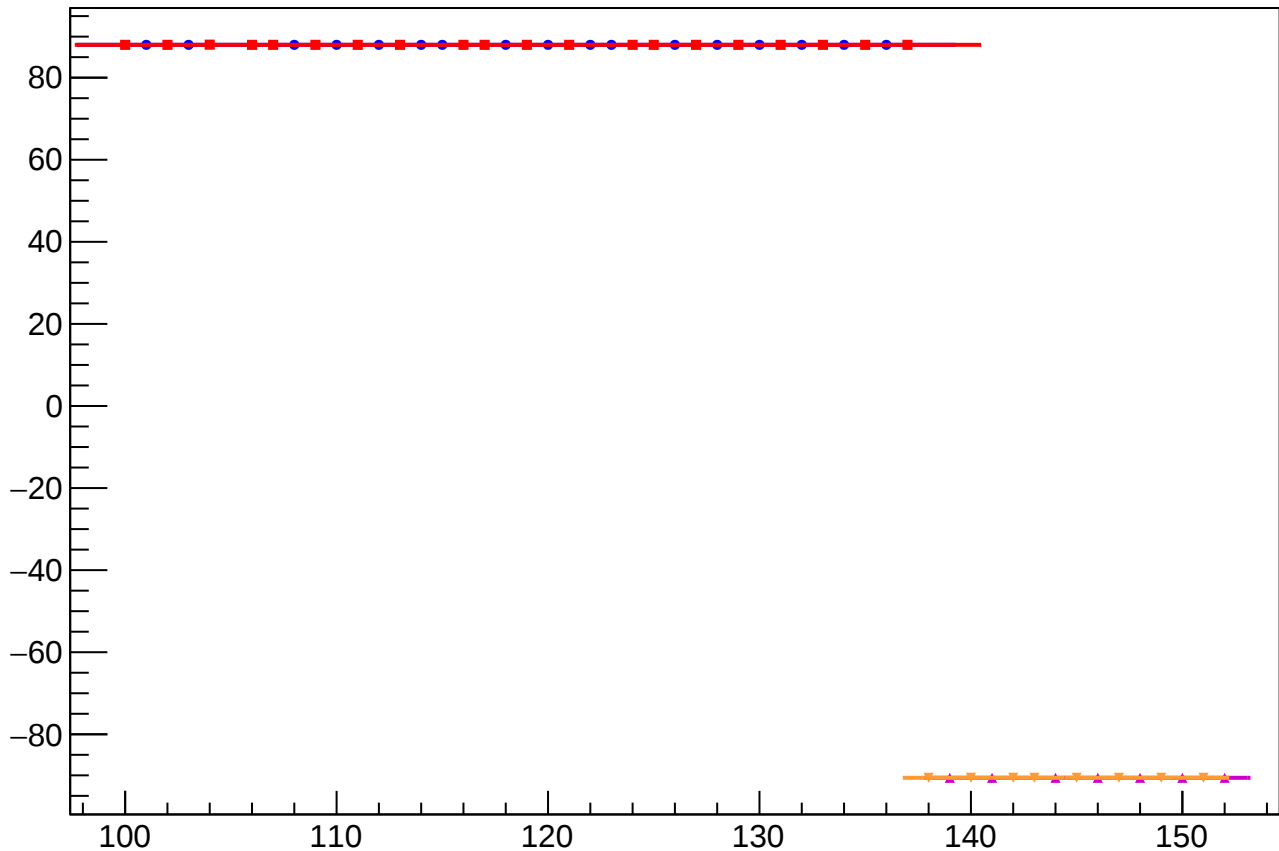
Left In: 0.010+/-0.000 χ^2/NDF : 281896.3/6

0.012+/-0.000 χ^2/NDF : 1422162.7/24

0.012+/-0.000 χ^2/NDF : 3416154.2/51

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 : 3114246.1/7

Right Out: 88.004+/-0.000 χ^2/NDF : 77578366411928007427611426816.0/19

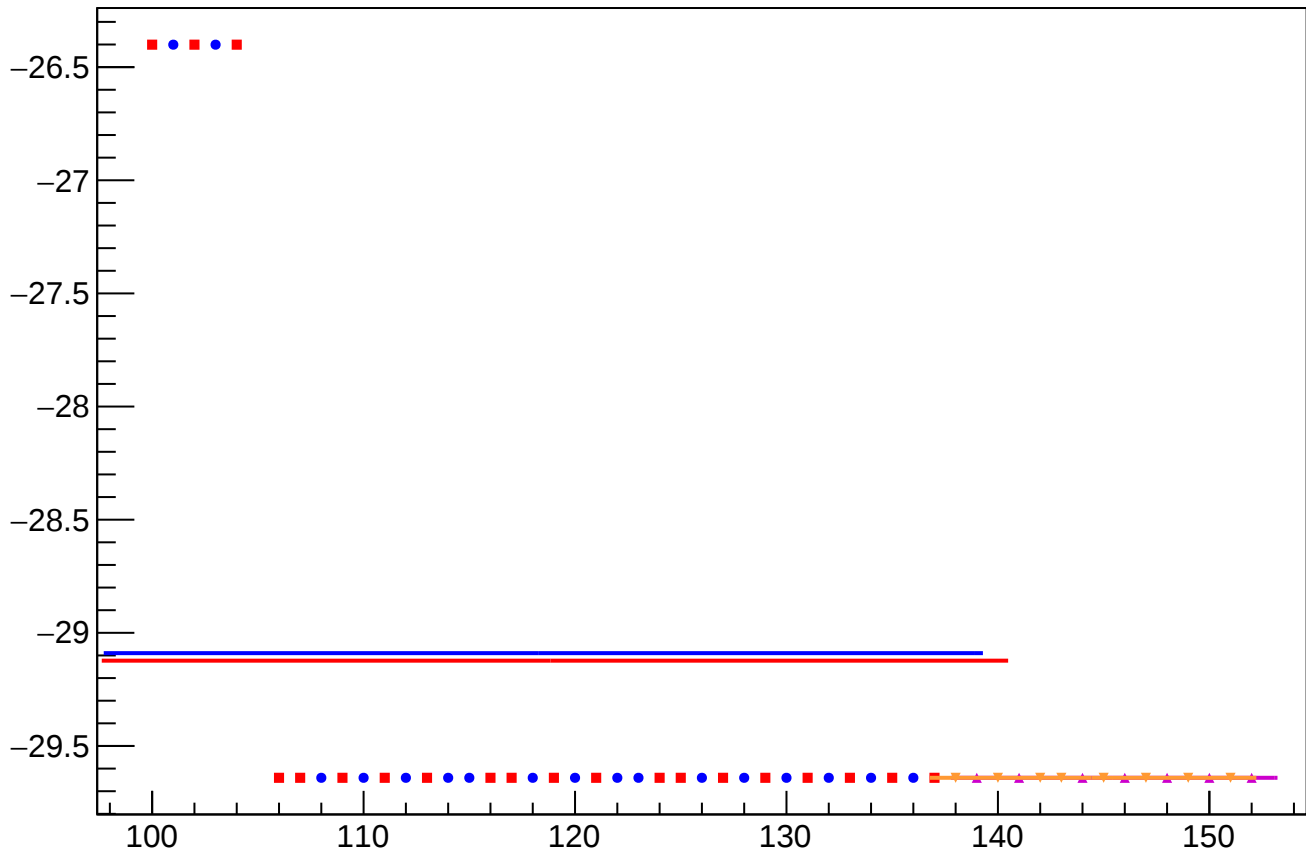
Left In: -90.599+/-0.000 χ^2/NDF : 1128083.7/6

5.709+/-0.000 χ^2/NDF : 1019996134756797880

6.907+/-0.000 χ^2/NDF : 20566854025458

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 : 160422.8/7

Right Out: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19

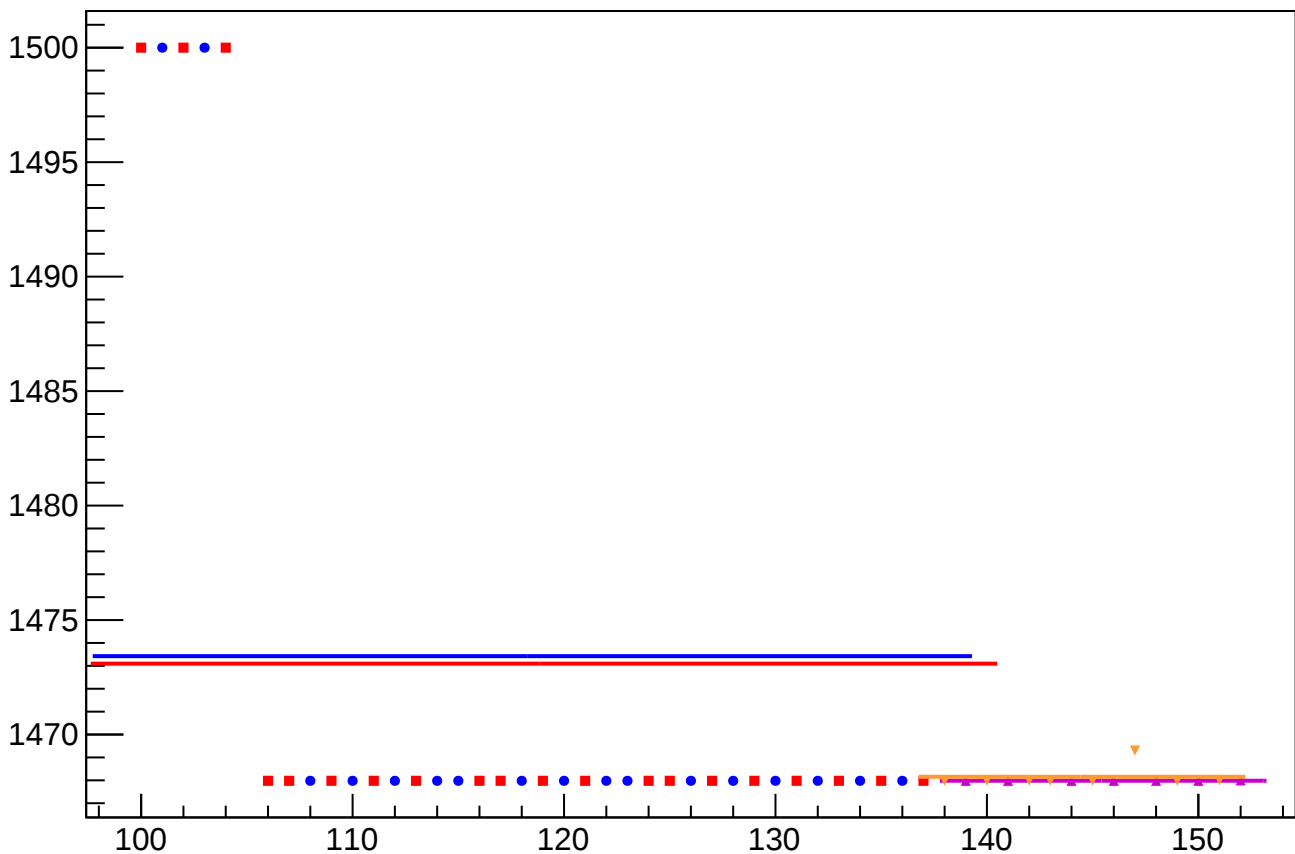
Left In: -29.641+/-0.000 χ^2/NDF : 33170.0/6

-29.344+/-0.000 χ^2/NDF : 11251436979020943

-29.349+/-0.000 χ^2/NDF : 223544394186

-29.355+/-0.000 χ^2/NDF : 11102210630136850

epics_psub_pl_poss_mean vs Slug, Sign Corrected



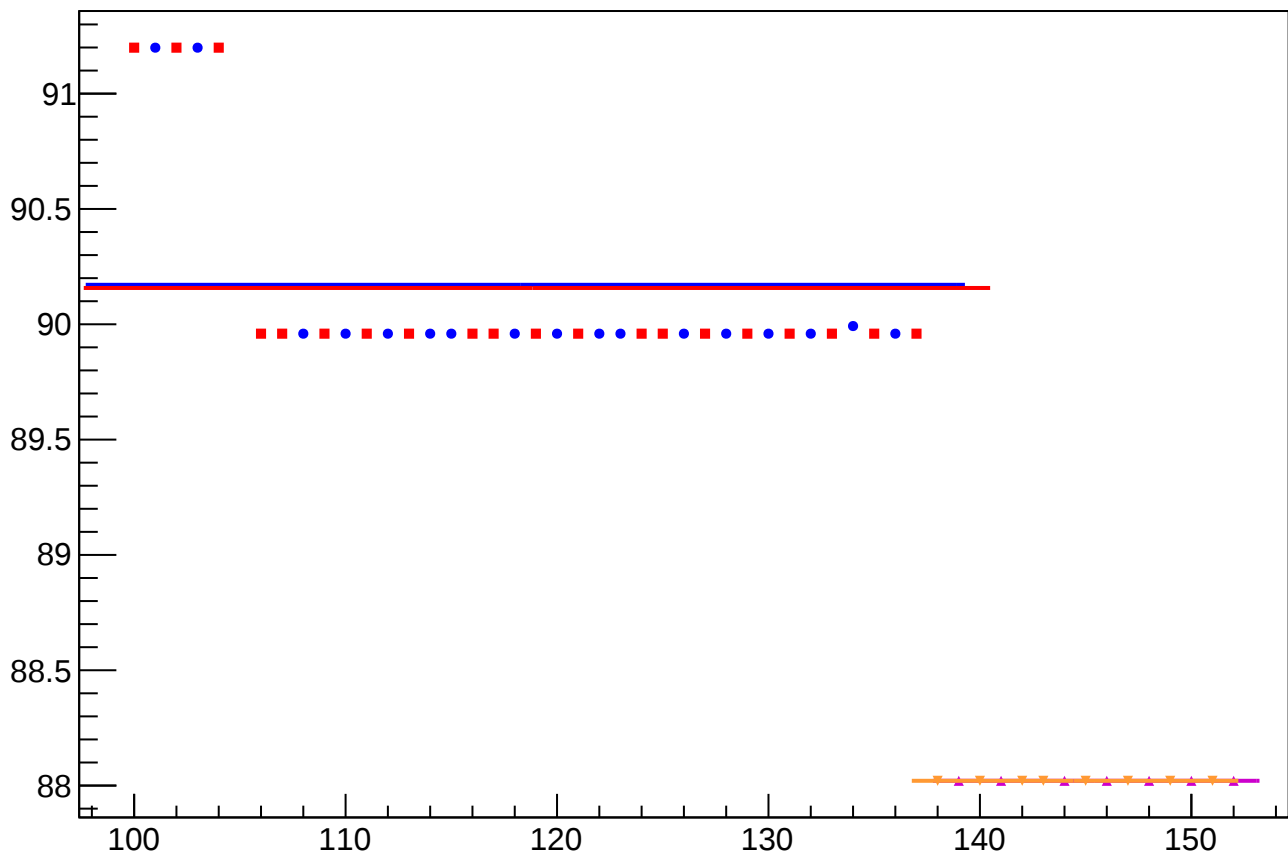
Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 1468.156+/-0.000 χ^2/NDF : 117918747226670561222918685065216.0/7

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

Left In: 1467.982+/-0.000 χ^2/NDF : 29651020398863189254275596288.0/6

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 : 2878774.3/7

Right Out: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

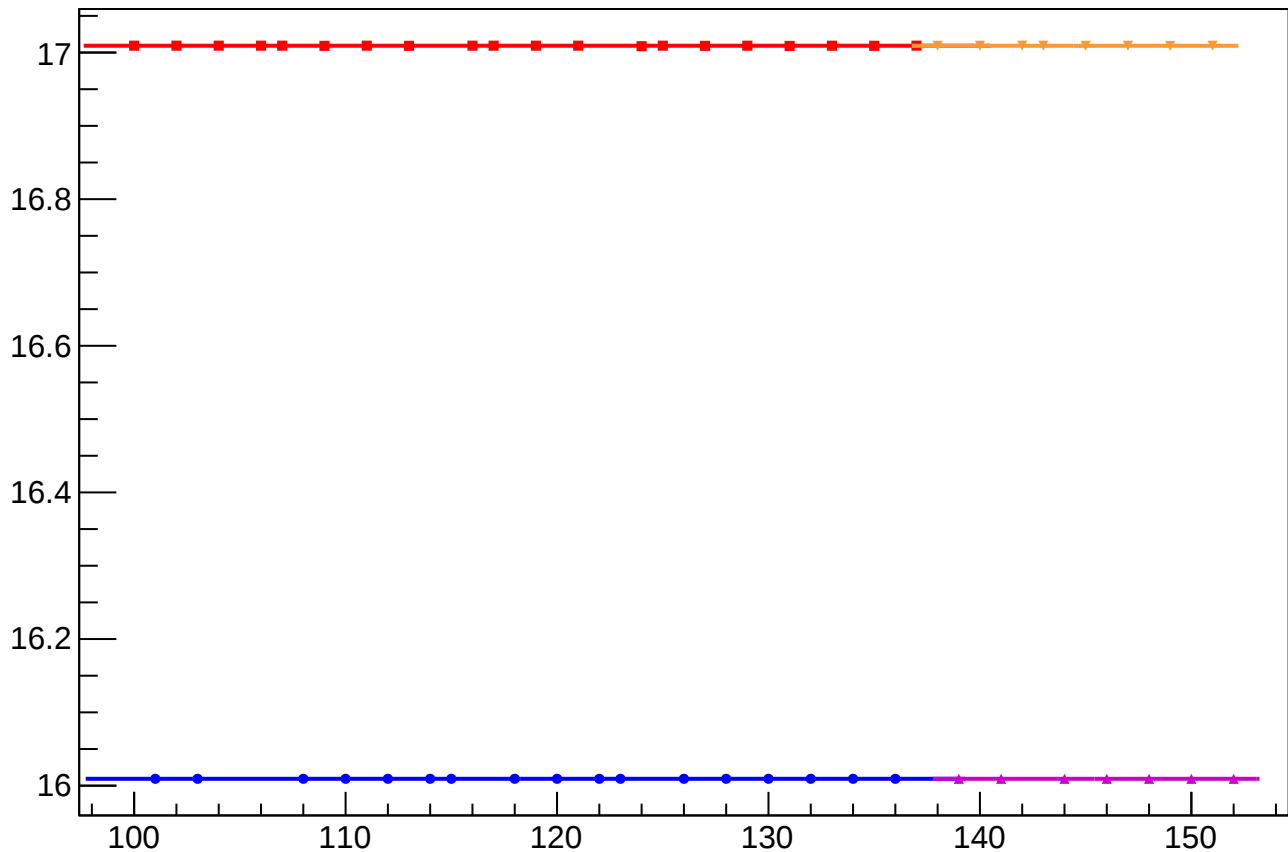
Left In: 88.021+/-0.000 χ^2/NDF : 1220172.2/6

89.180+/-0.000 χ^2/NDF : 162903724577251216

89.191+/-0.000 χ^2/NDF : 3262434946261

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 : 5061521898732741353013248.0/7

Right Out: 17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

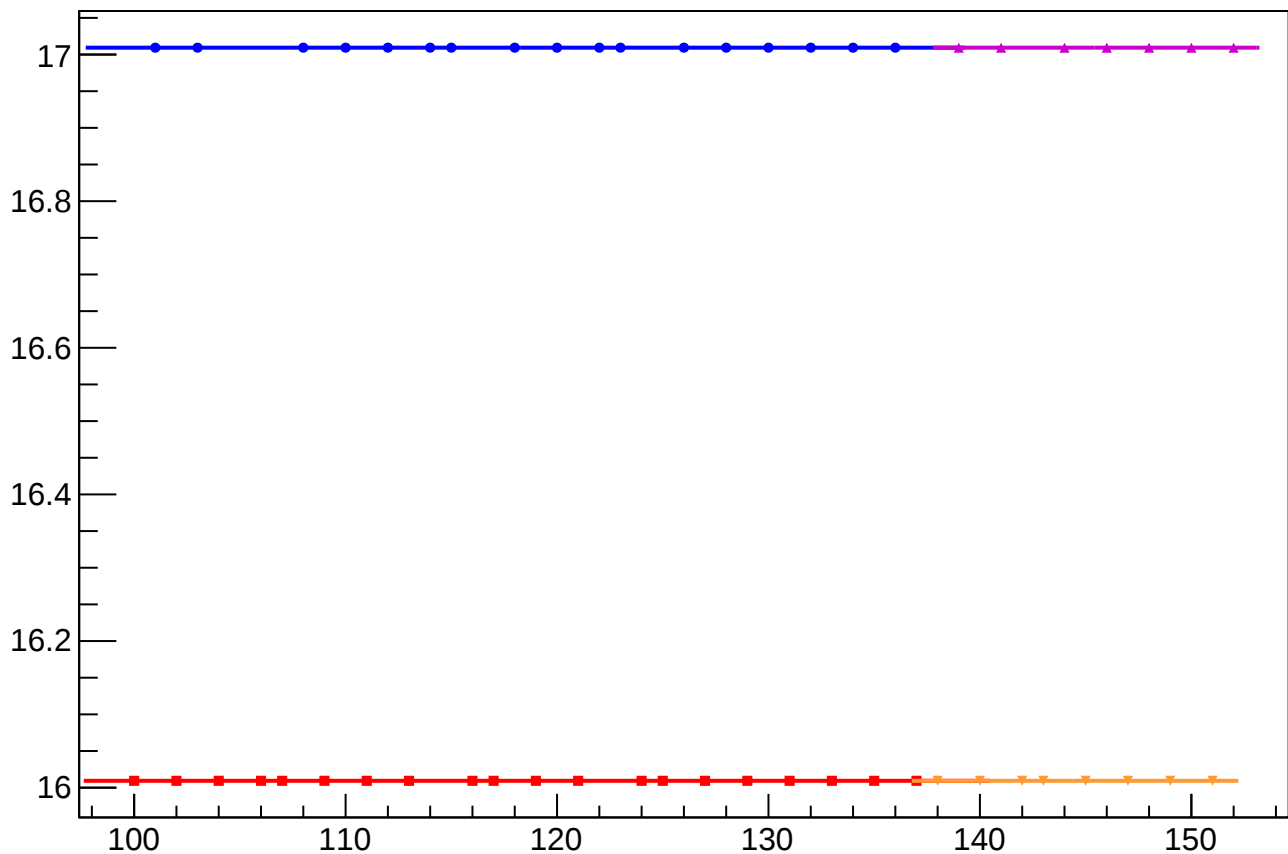
Left In: 16.009+/-0.000 χ^2/NDF : 33952.6/6

16.459+/-0.000 χ^2/NDF : 29730967877512184

16.506+/-0.000 χ^2/NDF : 6033200776072

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 : 17266.6/7

Right Out: 16.009+/-0.000 χ^2/NDF : 42750.0/19

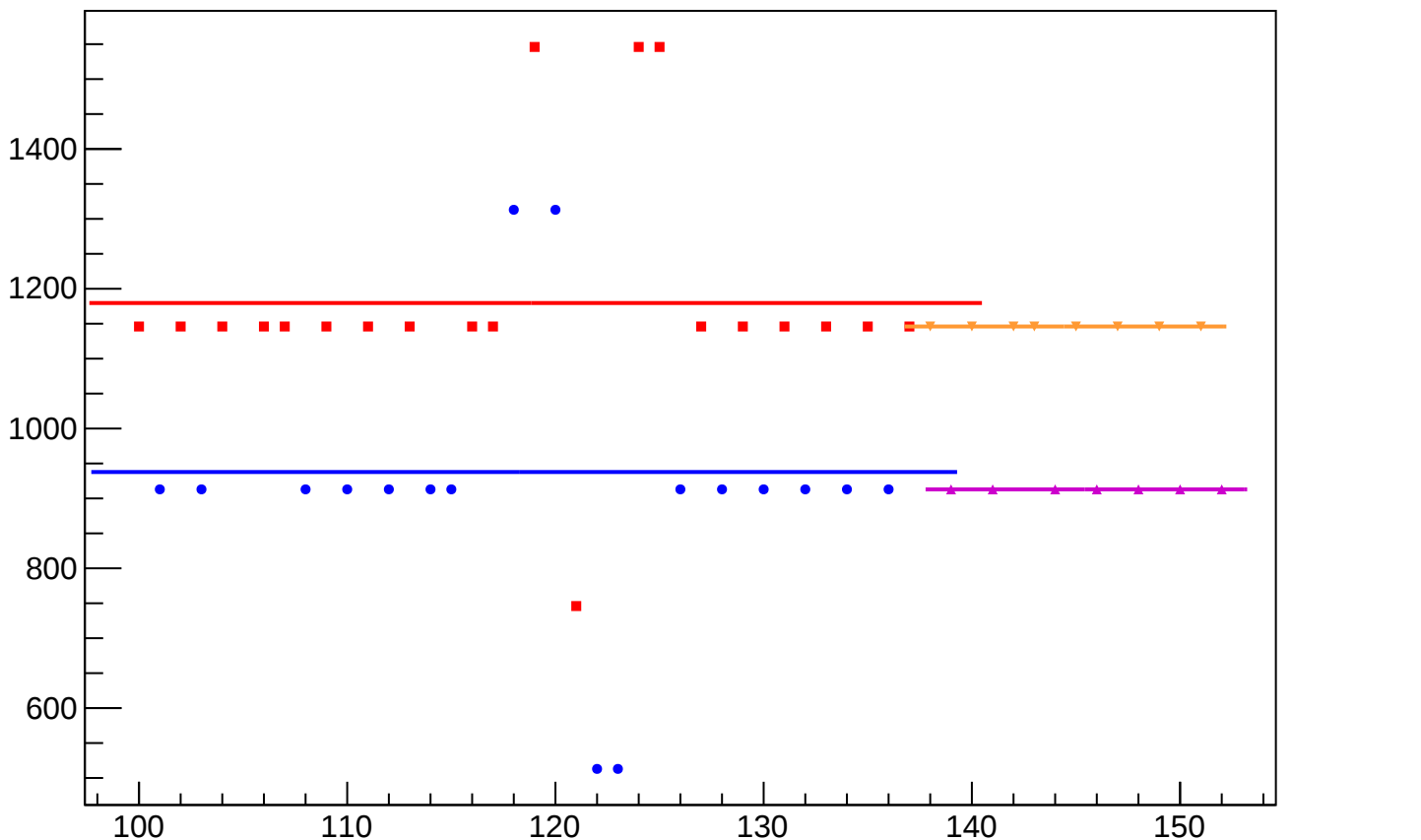
Left In: 17.009+/-0.000 χ^2/NDF : 15411.2/6

16.540+/-0.000 χ^2/NDF : 310561347233354712

16.499+/-0.000 χ^2/NDF : 6382145653875

16.459+/-0.000 χ^2/NDF : 32346748278497509

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



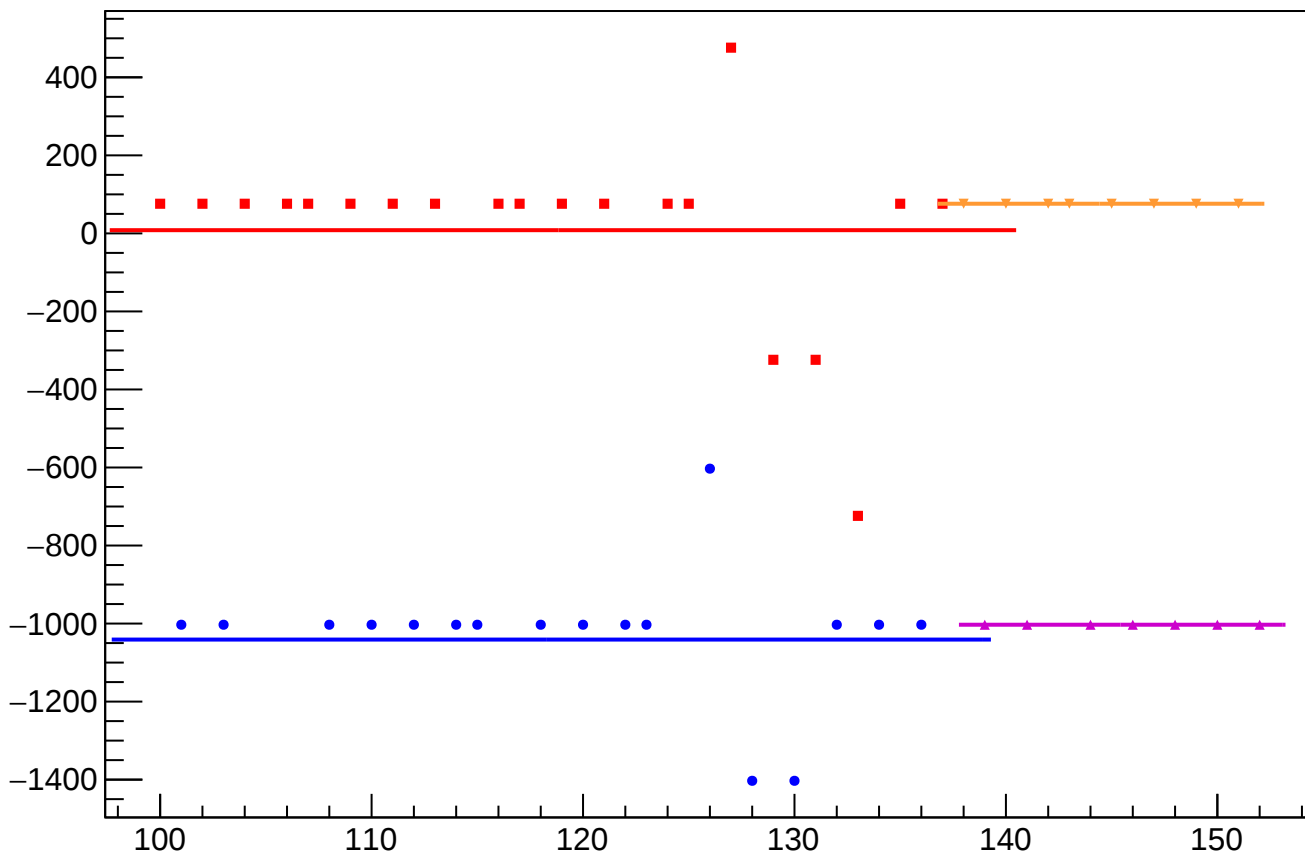
Right In: 937.779 +/- 0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 1146.011 +/- 0.000 χ^2/NDF : 2126043060985532925211574272.0/7

Right Out: 1179.619 +/- 0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

Left In: 912.993 +/- 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: 76.011+/-0.000 χ^2/NDF : 2656856535982967820776374272.0/7

Right Out: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

Left In: -1002.990+/-0.000 χ^2/NDF : 973748709433668268118245376.0/6