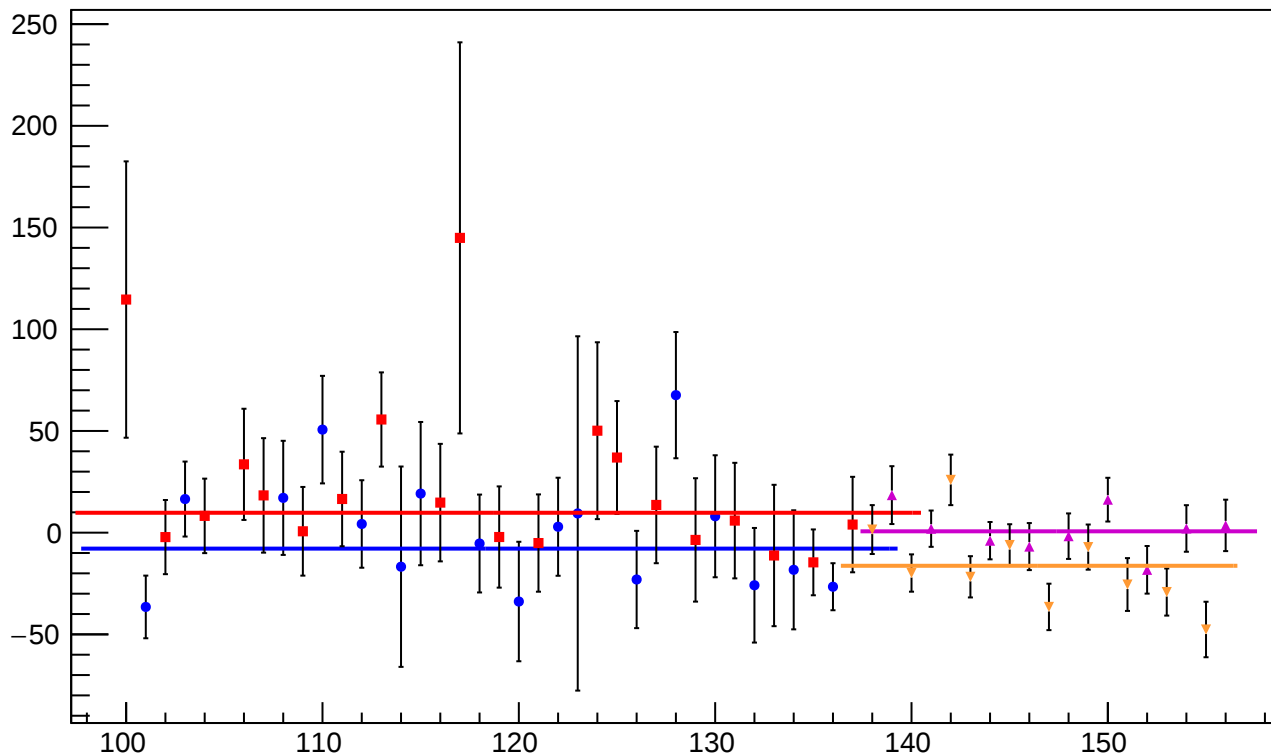


diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -7.841 $\pm$ 5.608

χ^2/NDF : 22.6/16

Left Out: -16.281 $\pm$ 3.554

χ^2/NDF : 26.0/9

Right Out: 9.781 $\pm$ 5.667

χ^2/NDF : 15.2/19

Left In: 0.661 $\pm$ 3.659

χ^2/NDF : 7.1/8

-13.863 $\pm$ 3.002

χ^2/NDF : 50.3/26

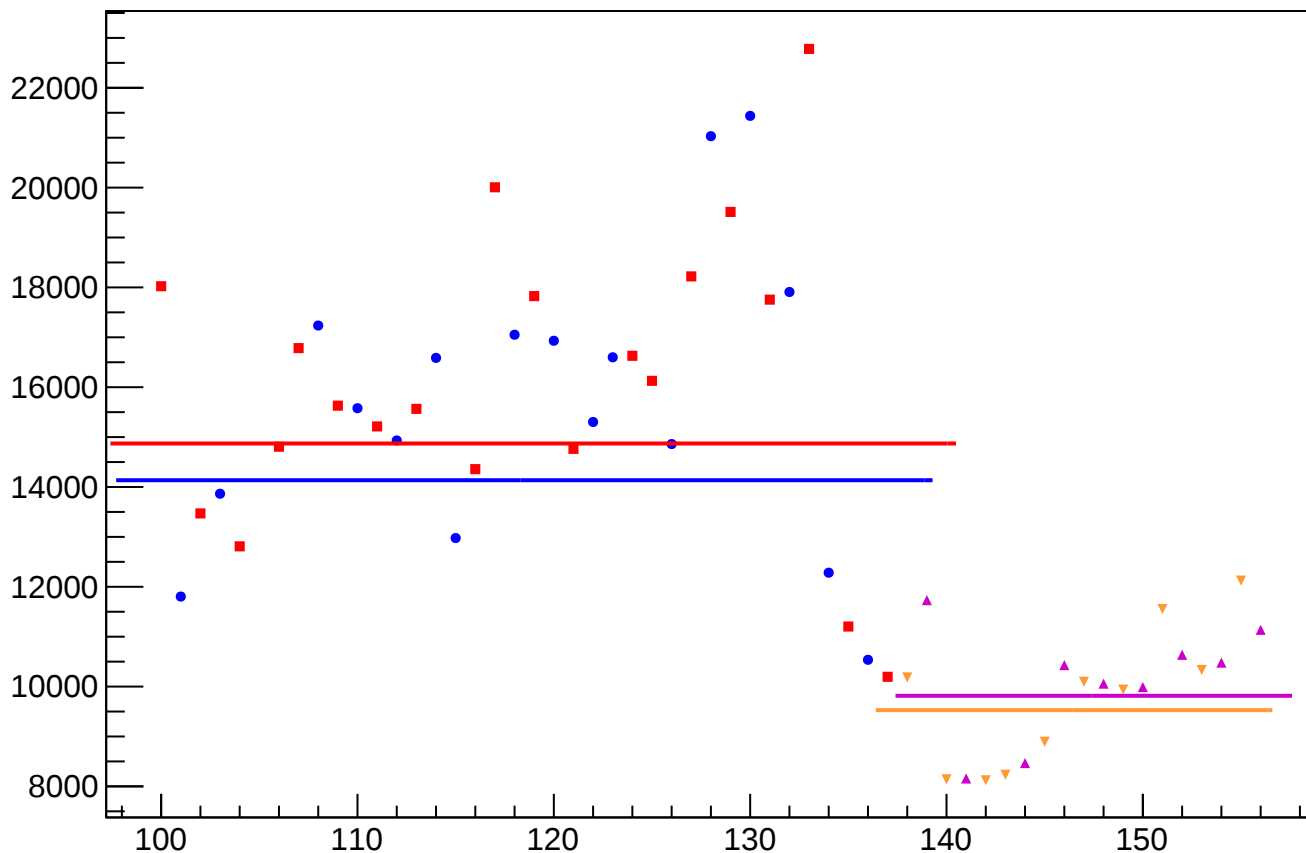
-5.462 $\pm$ 2.148

χ^2/NDF : 90.4/55

3.344 $\pm$ 3.074

χ^2/NDF : 24.1/28

diff_bpm4aX_rms vs Slug, Sign Corrected



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

Left Out: 9527.364 ± 2.513 χ^2/NDF : 256111.3/9

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

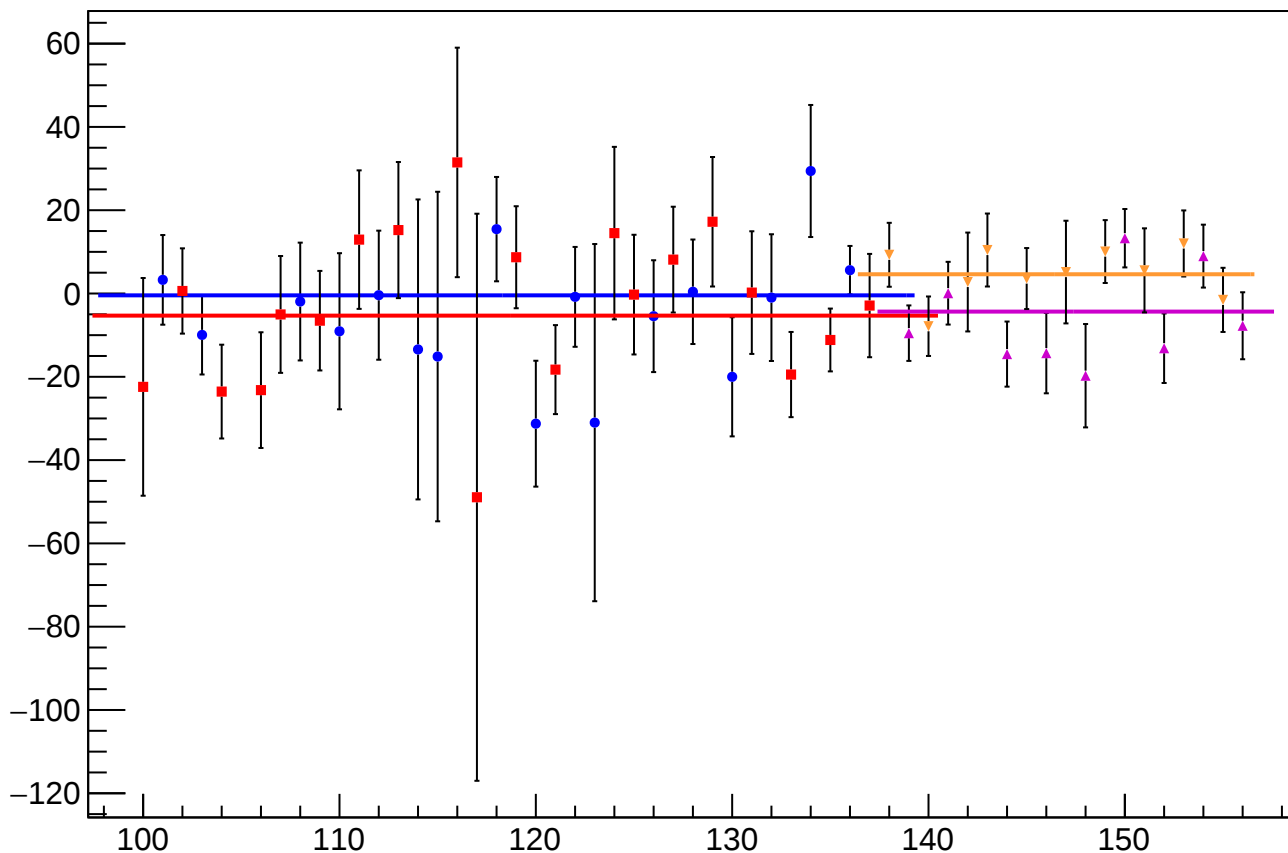
Left In: 9816.004 ± 2.587 χ^2/NDF : 194161.5/8

10848.014 ± 2.123 χ^2/NDF : 1816724.6/26

11070.372 ± 1.519 χ^2/NDF : 3634551.9/5

11303.481 ± 2.174 χ^2/NDF : 1795355.4/28

diff_bpm4aY_mean vs Slug, Sign Corrected



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

Left Out: 4.623 $\pm$ 2.653 χ^2/NDF : 5.9/9

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

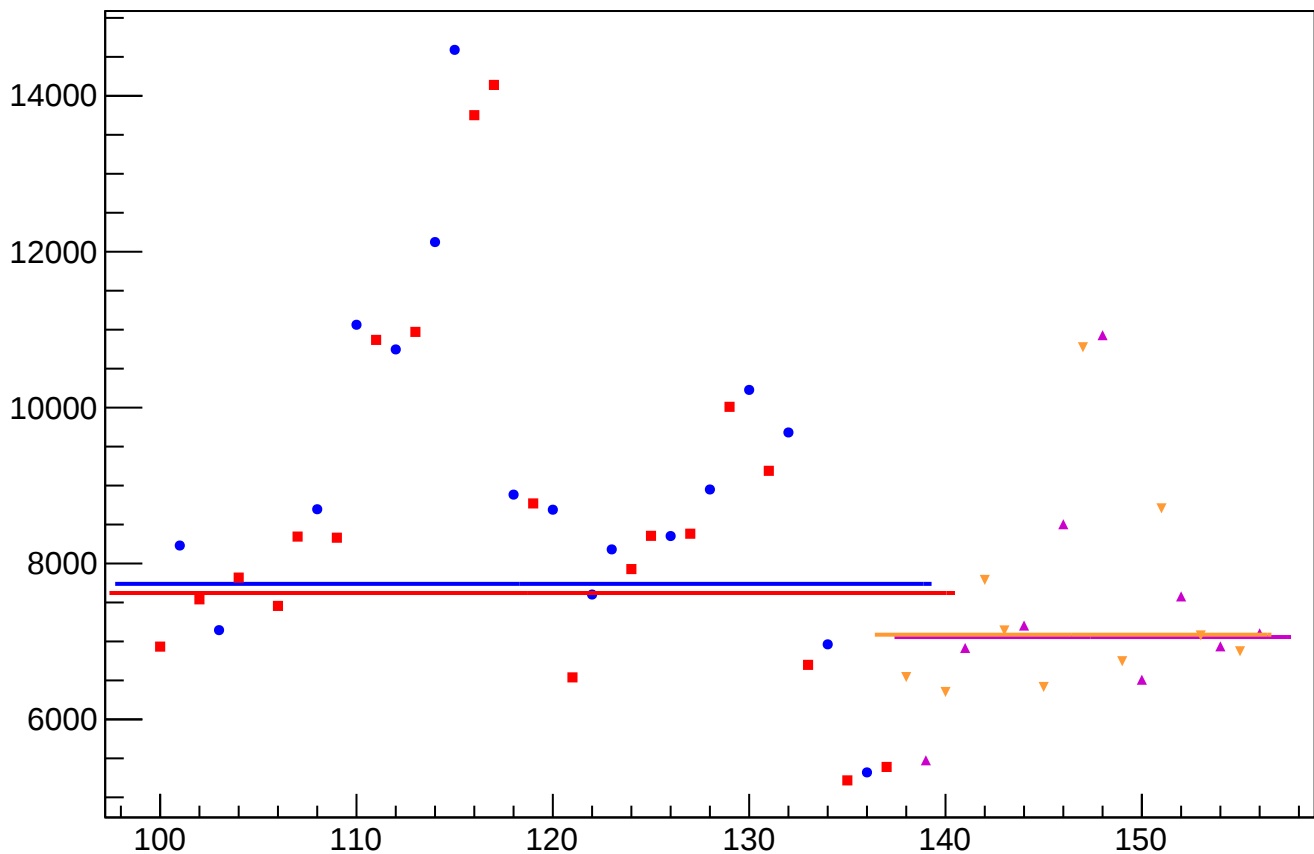
Left In: -4.343 $\pm$ 2.659 χ^2/NDF : 16.0/8

2.459 $\pm$ 2.008 χ^2/NDF : 22.0/26

-1.229 $\pm$ 1.406 χ^2/NDF : 64.5/55

-4.779 $\pm$ 1.970 χ^2/NDF : 35.8/28

diff_bpm4aY_rms vs Slug, Sign Corrected



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

Left Out: 7086.793 $\pm$ 1.876 χ^2 /NDF: 291297.6/9

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

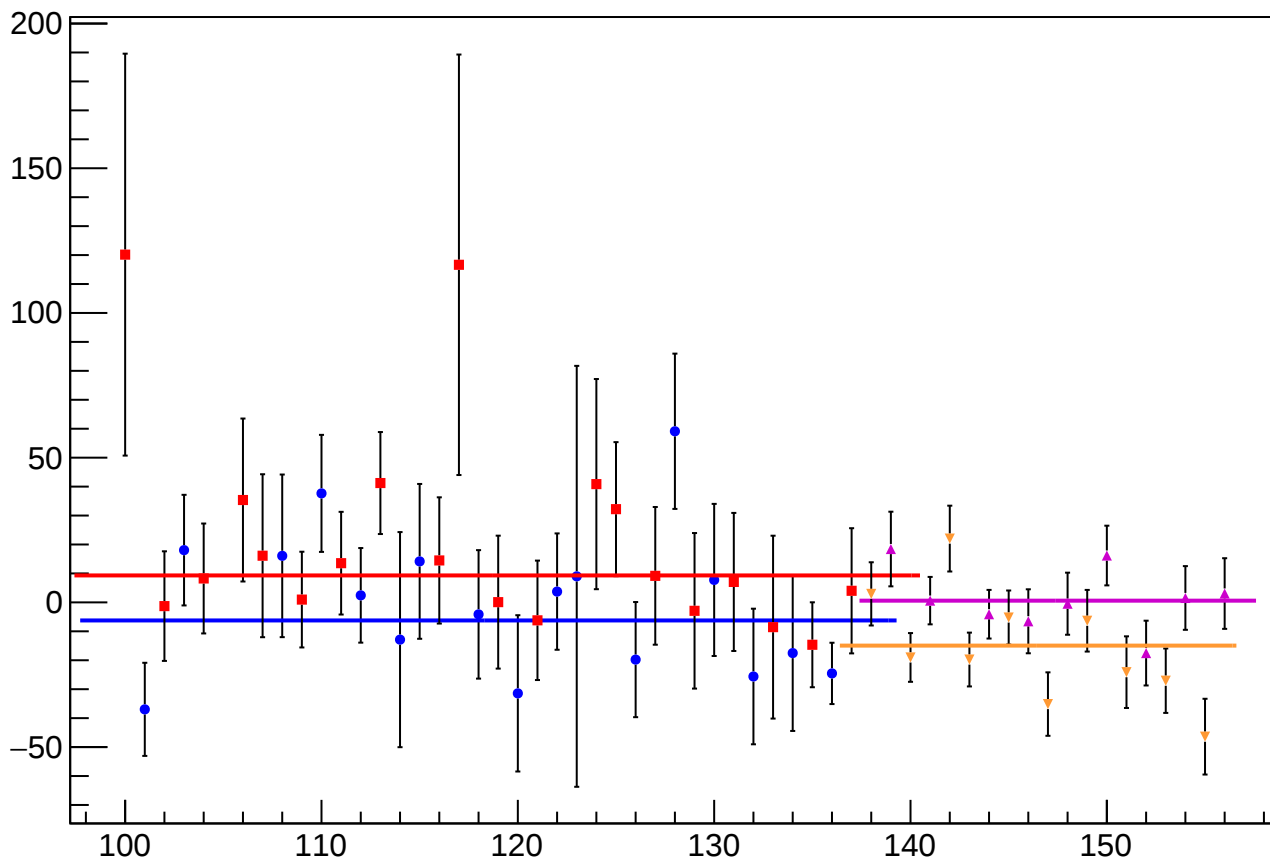
Left In: 7056.698 $\pm$ 1.880 χ^2 /NDF: 374482.7/8

7365.478 $\pm$ 1.420 χ^2 /NDF: 1083770.2/26

7337.988 $\pm$ 0.994 χ^2 /NDF: 2197269.5/55

7311.522 $\pm$ 1.393 χ^2 /NDF: 1112763.3/28

diff_bpm4eX_mean vs Slug, Sign Corrected



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

Left Out: -14.938 ± 3.318 $\chi^2/\text{NDF}: 26.4/9$

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

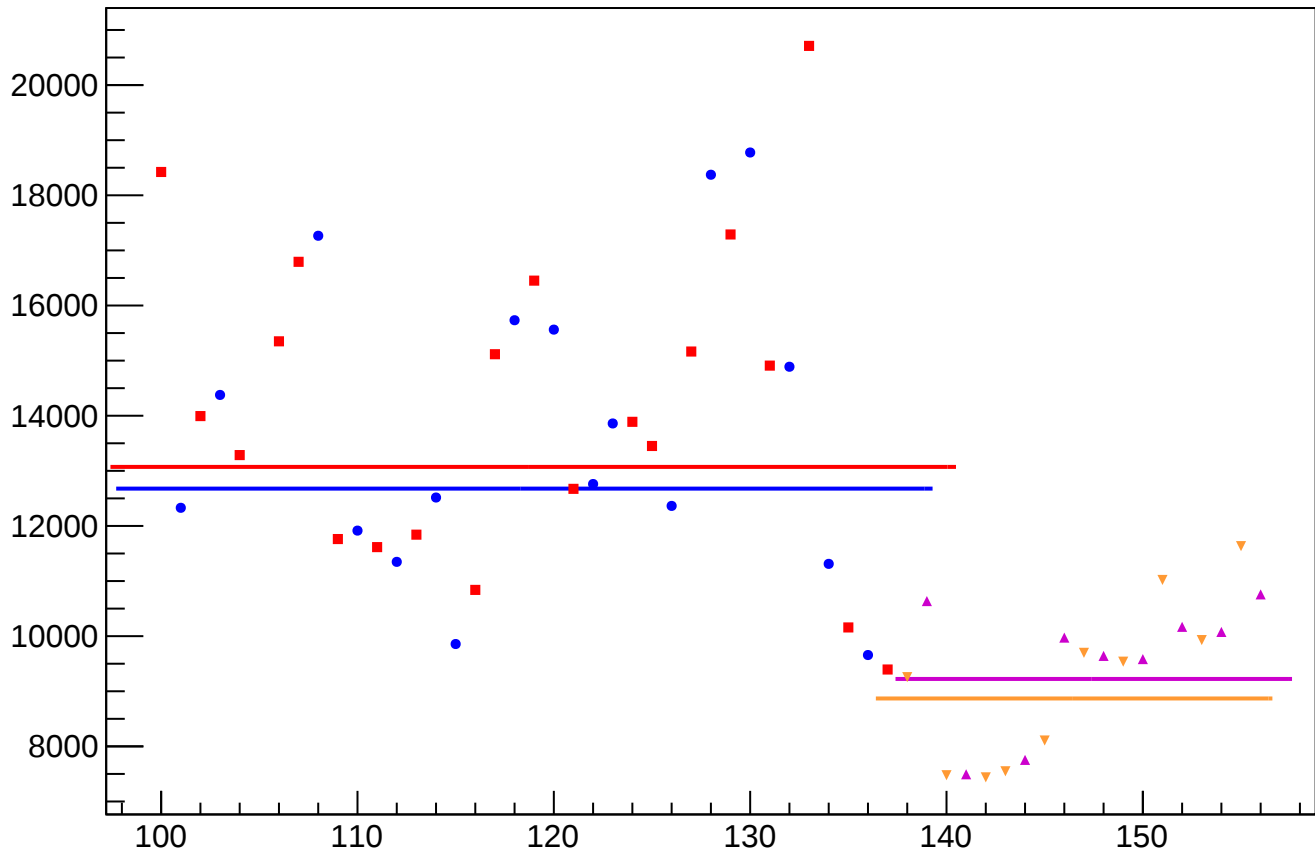
Left In: 0.590 ± 3.444 $\chi^2/\text{NDF}: 7.6/8$

-12.293 ± 2.768 $\chi^2/\text{NDF}: 51.7/26$

-4.630 ± 1.980 $\chi^2/\text{NDF}: 92.4/55$

3.406 ± 2.834 $\chi^2/\text{NDF}: 25.0/28$

diff_bpm4eX_rms vs Slug, Sign Corrected



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

Left Out: 8869.274 $\pm$ 2.346 χ^2/NDF :329619.6/9

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

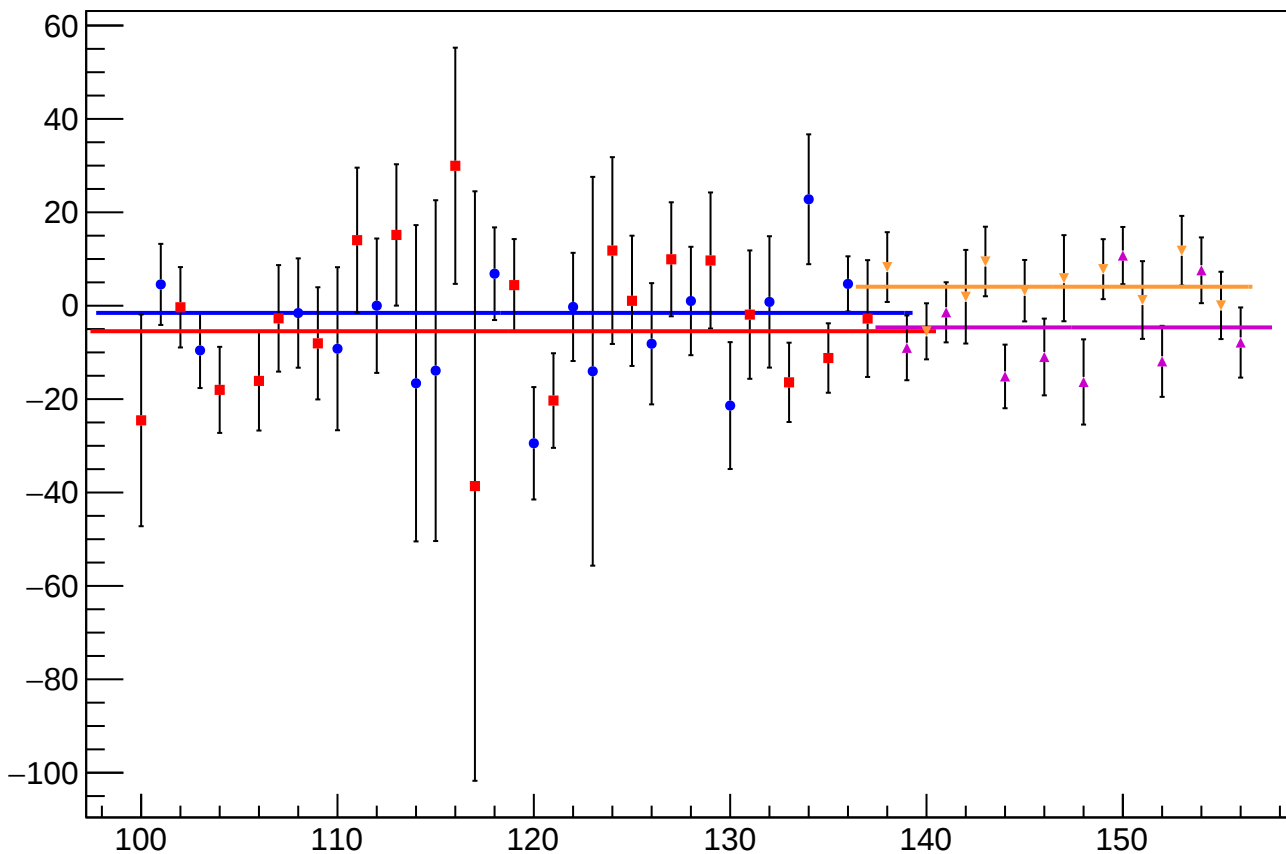
Left In: 9223.566 $\pm$ 2.435 χ^2/NDF :246861.5/8

10027.989 $\pm$ 1.957 χ^2/NDF : 1684855.7/26

10241.821 $\pm$ 1.400 χ^2/NDF : 3261283.8/5

10466.052 $\pm$ 2.004 χ^2/NDF : 1551969.2/28

diff_bpm4eY_mean vs Slug, Sign Corrected



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

Left Out: 4.067 ± 2.329 χ^2/NDF : 5.3/9

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

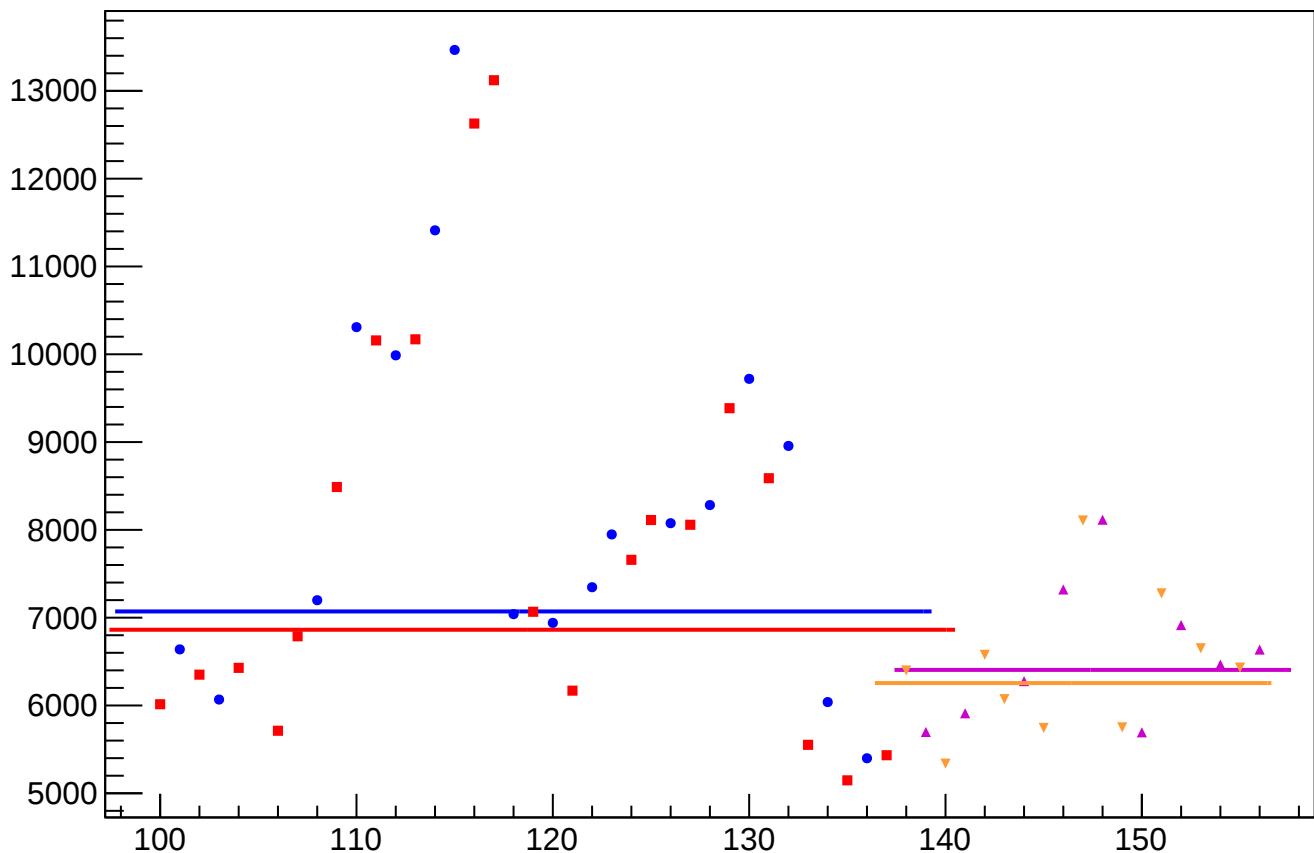
Left In: -4.645 ± 2.390 χ^2/NDF : 15.7/8

1.766 ± 1.788 χ^2/NDF : 22.5/26

-1.656 ± 1.258 χ^2/NDF : 64.4/55

-5.014 ± 1.771 χ^2/NDF : 34.6/28

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7071.043 $\pm$ 1.973 χ^2/NDF : 600748.1/16

Left Out: 6255.338 $\pm$ 1.647 χ^2/NDF :192775.1/9

Right Out: 6862.551 $\pm$ 1.865 χ^2/NDF : 704099.3/19

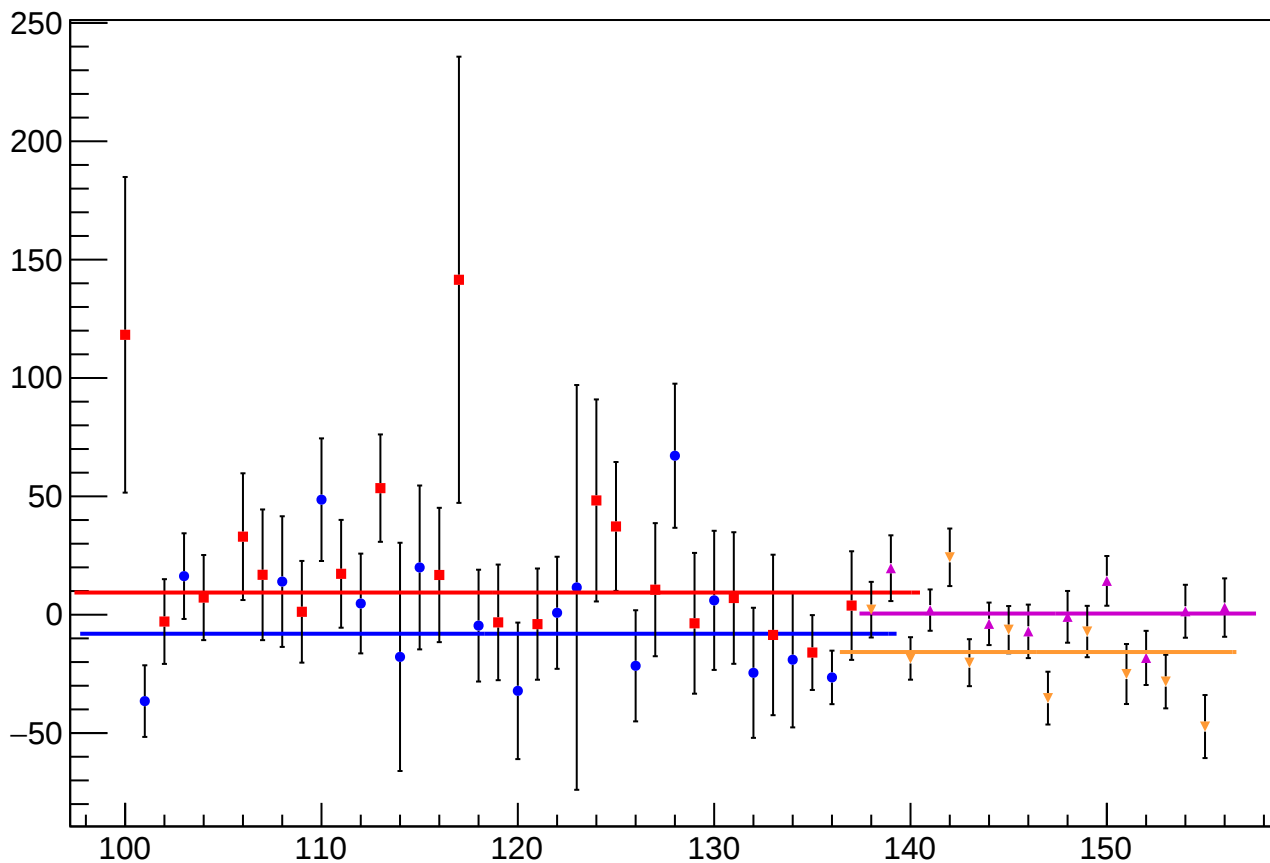
Left In: 6405.151 $\pm$ 1.690 χ^2/NDF :166360.5/8

6590.186 $\pm$ 1.264 χ^2/NDF : 894275.3/26

6600.898 $\pm$ 0.890 χ^2/NDF : 1797908.3/55

6611.409 $\pm$ 1.252 χ^2/NDF : 903490.7/28

diff_bpm4acX_mean vs Slug, Sign Corrected



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

Left Out: -15.761 ± 3.475 $\chi^2/\text{NDF}: 25.4/9$

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

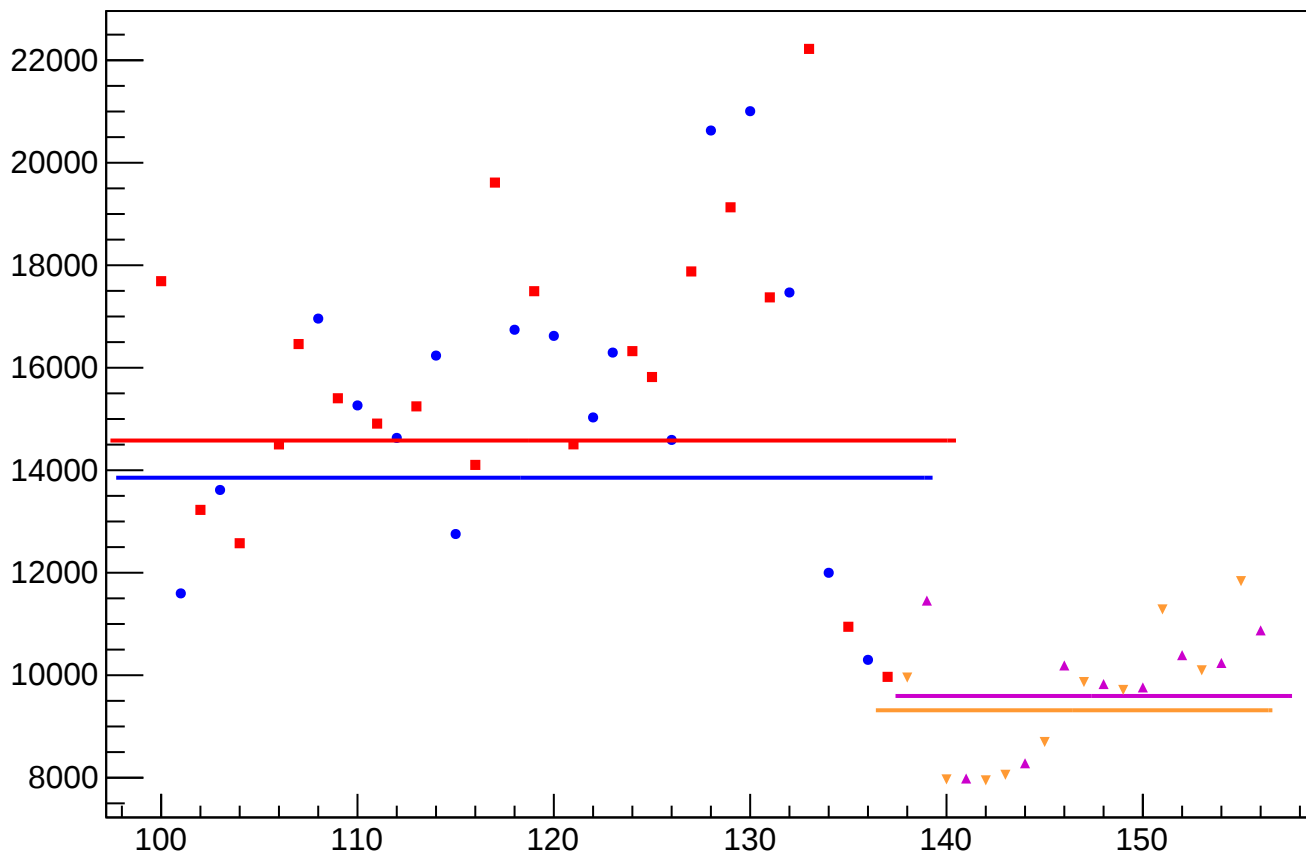
Left In: 0.493 ± 3.576 $\chi^2/\text{NDF}: 7.1/8$

-13.556 ± 2.937 $\chi^2/\text{NDF}: 49.4/26$

-5.427 ± 2.101 $\chi^2/\text{NDF}: 89.6/55$

3.092 ± 3.007 $\chi^2/\text{NDF}: 24.5/28$

diff_bpm4acX_rms vs Slug, Sign Corrected



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

Left Out: 9315.986 $\pm$ 2.457 χ^2/NDF :253163.0/9

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

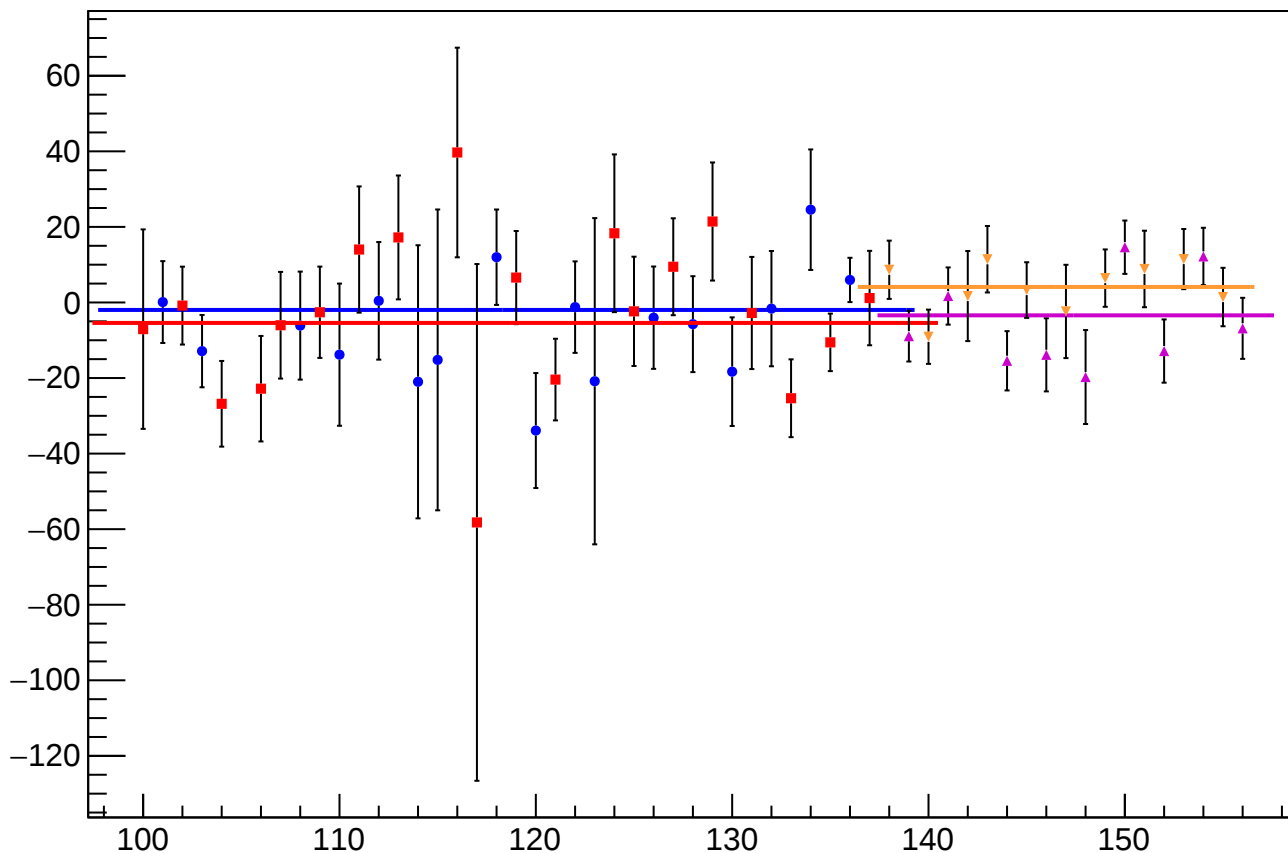
Left In: 9595.289 $\pm$ 2.529 χ^2/NDF :191619.9/8

10611.641 $\pm$ 2.077 χ^2/NDF : 1827965.1/26

10828.276 $\pm$ 1.486 χ^2/NDF : 3659910.1/5

11055.341 $\pm$ 2.126 χ^2/NDF : 1809664.4/28

diff_bpm4acY_mean vs Slug, Sign Corrected



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

Left Out: 4.105 $\pm$ 2.665 χ^2/NDF : 6.0/9

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

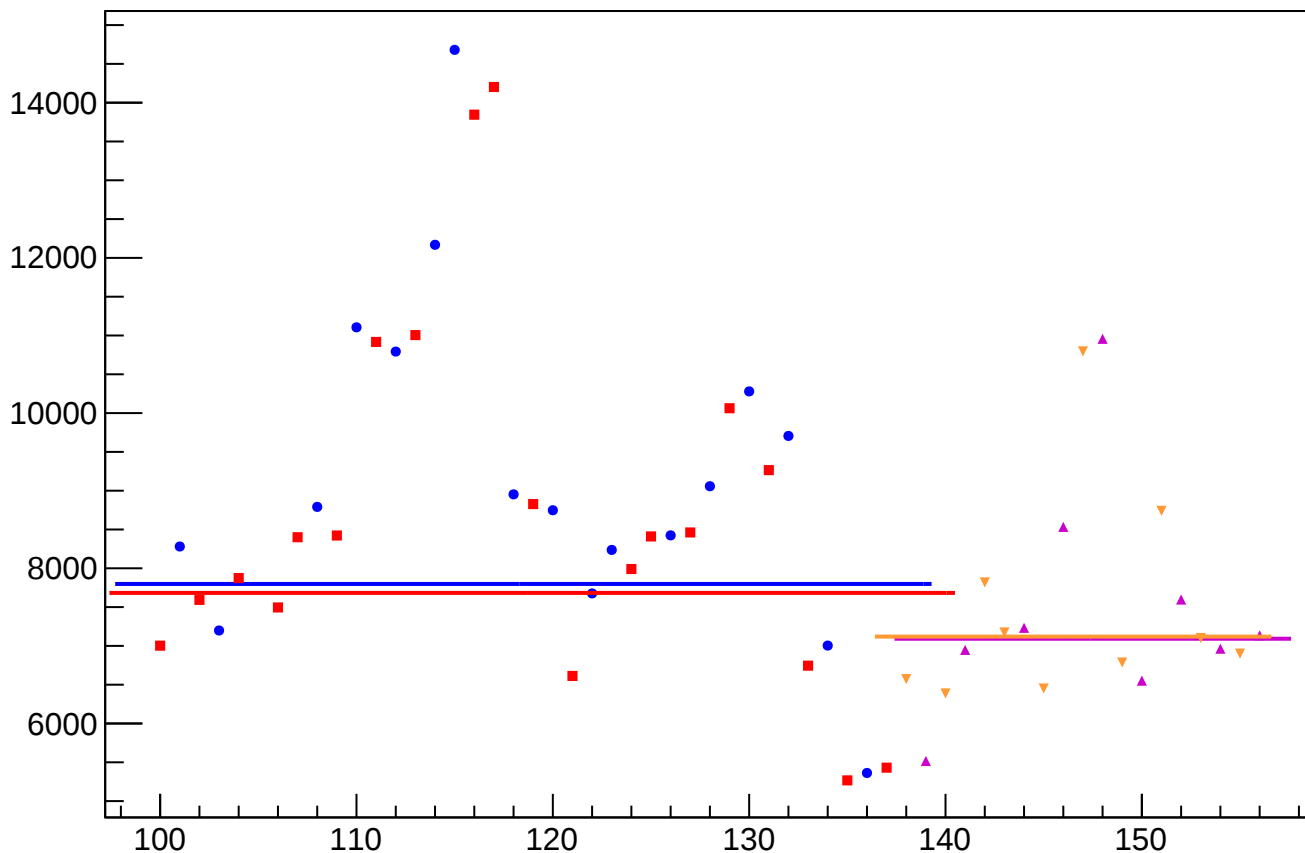
Left In: -3.409 $\pm$ 2.671 χ^2/NDF : 18.6/8

1.514 $\pm$ 2.019 χ^2/NDF : 22.3/26

-1.453 $\pm$ 1.414 χ^2/NDF : 70.3/55

-4.312 $\pm$ 1.982 χ^2/NDF : 43.7/28

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7798.267 ± 2.188 $\chi^2/\text{NDF}: 736283.6/16$

Left Out: 7119.875 ± 1.884 $\chi^2/\text{NDF}: 288344.5/9$

Right Out: 7682.786 ± 2.090 $\chi^2/\text{NDF}: 690901.2/19$

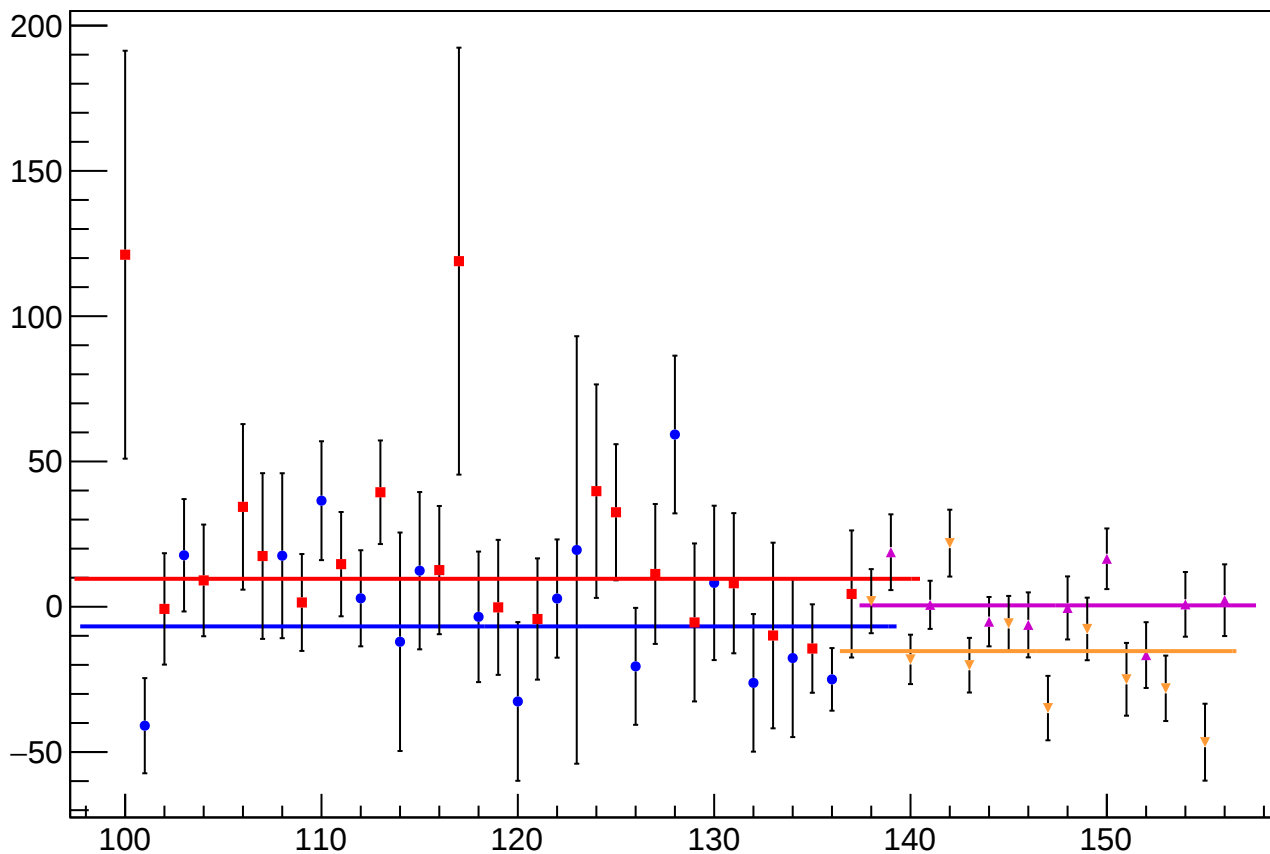
Left In: 7092.239 ± 1.889 $\chi^2/\text{NDF}: 368740.5/8$

7408.802 ± 1.428 $\chi^2/\text{NDF}: 1079829.6/26$

7382.793 ± 1.000 $\chi^2/\text{NDF}: 2184067.2/55$

7357.736 ± 1.401 $\chi^2/\text{NDF}: 1103586.0/28$

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

Left Out: -15.268 $\pm$ 3.354 χ^2/NDF : 25.4/9

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

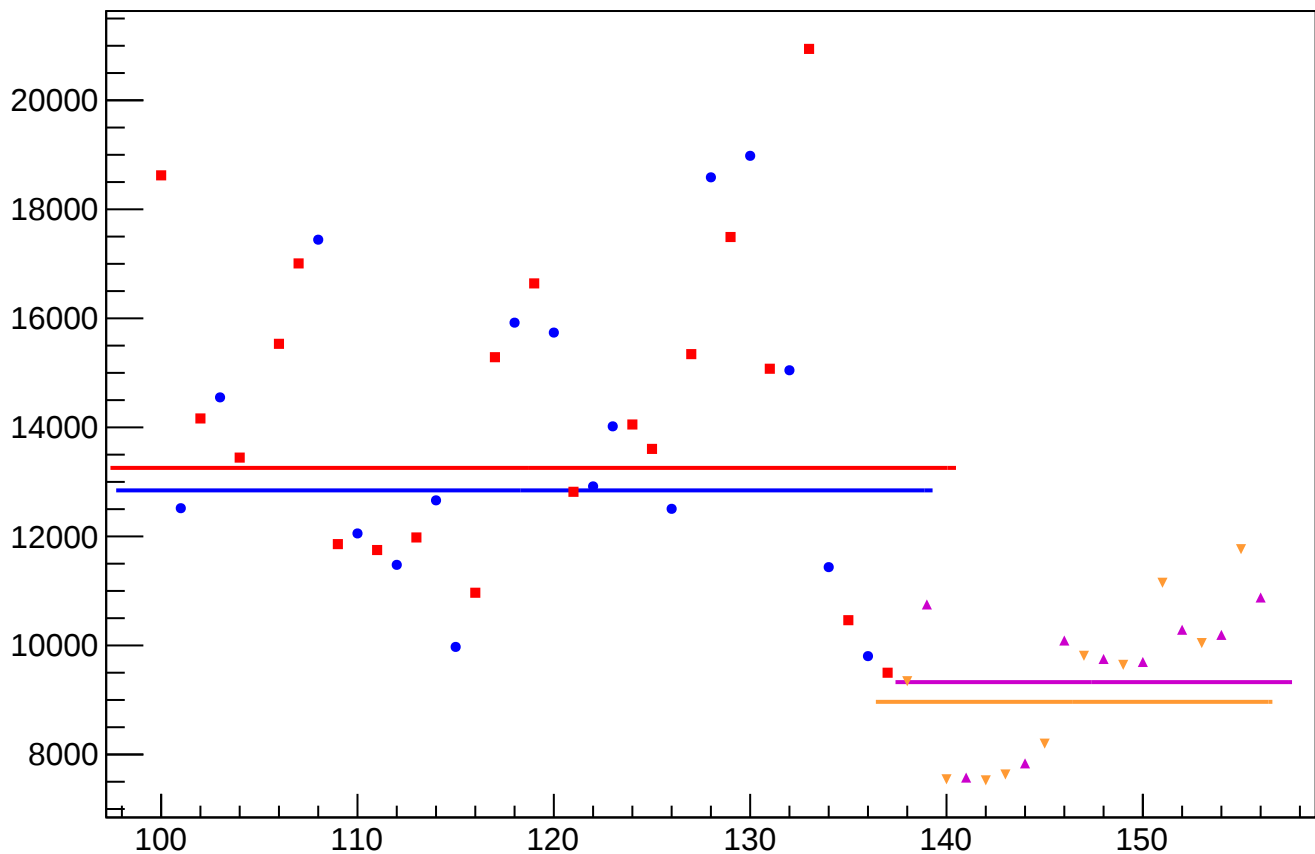
Left In: 0.477 $\pm$ 3.483 χ^2/NDF : 7.4/8

-12.688 $\pm$ 2.800 χ^2/NDF : 51.0/26

-4.831 $\pm$ 2.004 χ^2/NDF : 91.3/55

3.418 $\pm$ 2.869 χ^2/NDF : 24.1/28

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12844.321 $\pm$ 3.595 χ^2/NDF : 547271.0/16

Left Out: 8965.719 $\pm$ 2.372 χ^2/NDF : 331173.0/9

Right Out: 13256.926 $\pm$ 3.577 χ^2/NDF : 487016.8/19

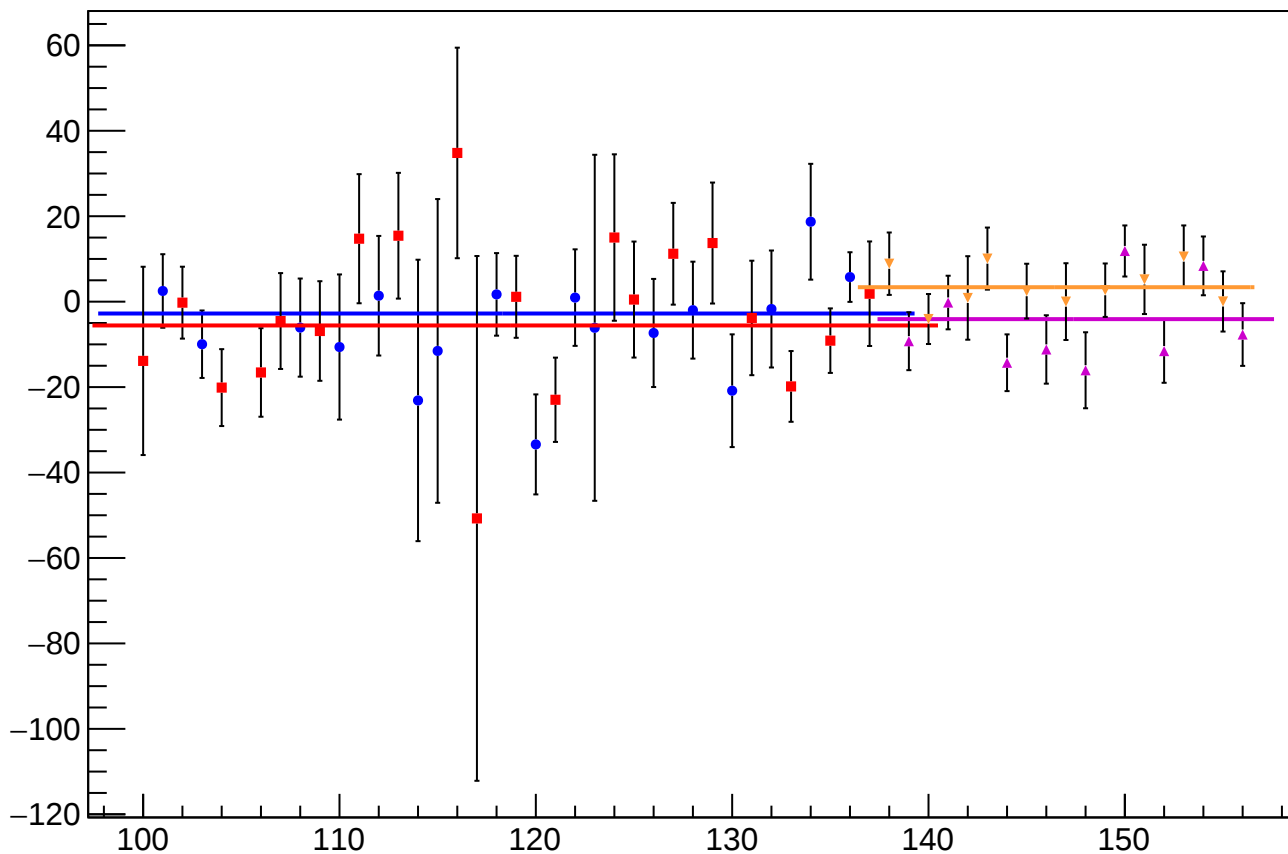
Left In: 9327.325 $\pm$ 2.463 χ^2/NDF : 247885.9/8

10141.806 $\pm$ 1.980 χ^2/NDF : 1689298.9/26

10361.042 $\pm$ 1.417 χ^2/NDF : 3268108.0/5

10591.188 $\pm$ 2.029 χ^2/NDF : 1553675.0/28

diff_bpm4ecY_mean vs Slug, Sign Corrected



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

Left Out: 3.381 ± 2.272 χ^2/NDF : 4.5/9

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

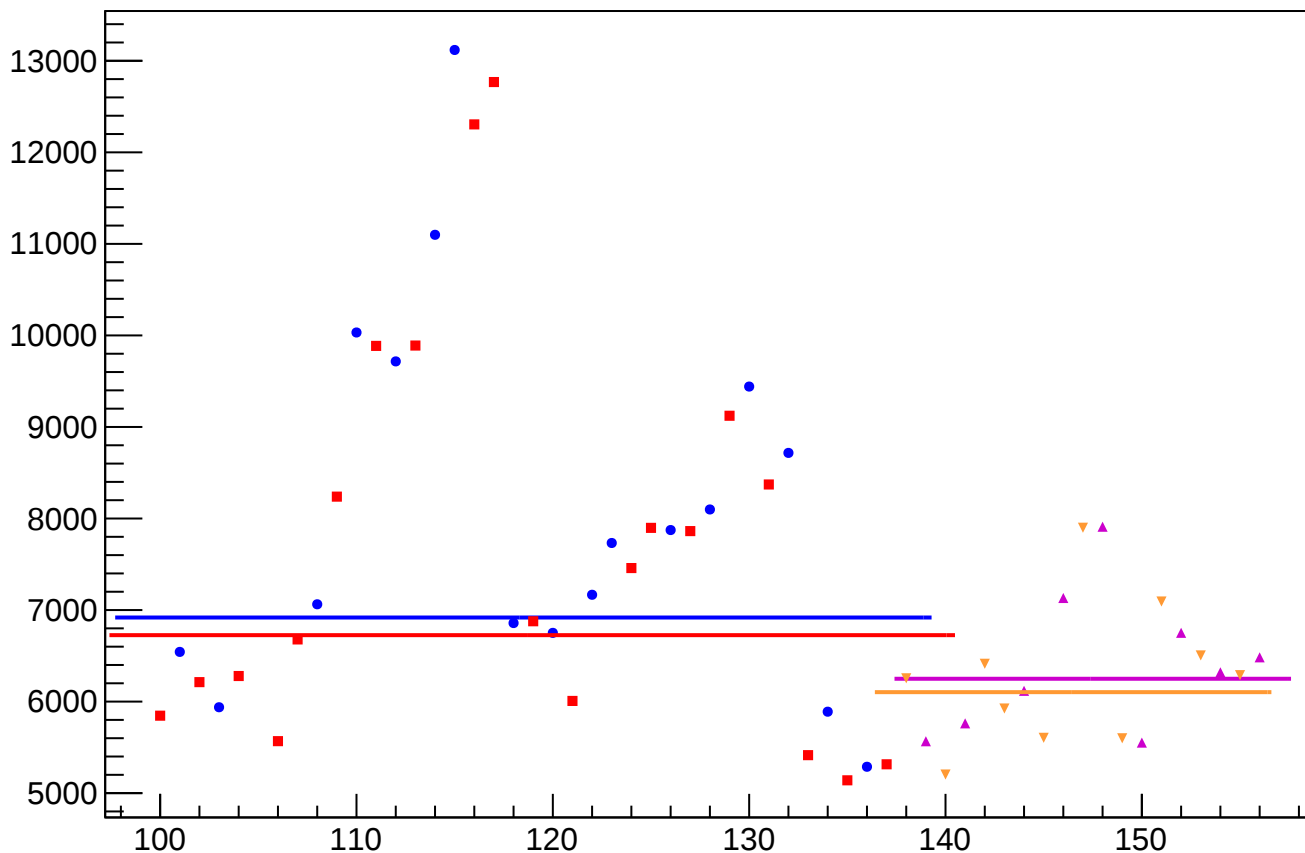
Left In: -4.090 ± 2.332 χ^2/NDF : 17.6/8

0.864 ± 1.747 χ^2/NDF : 23.4/26

-1.970 ± 1.230 χ^2/NDF : 70.1/55

-4.754 ± 1.732 χ^2/NDF : 41.5/28

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

Left Out: 6103.122 $\pm$ 1.606 χ^2/NDF : 193618.5/9

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

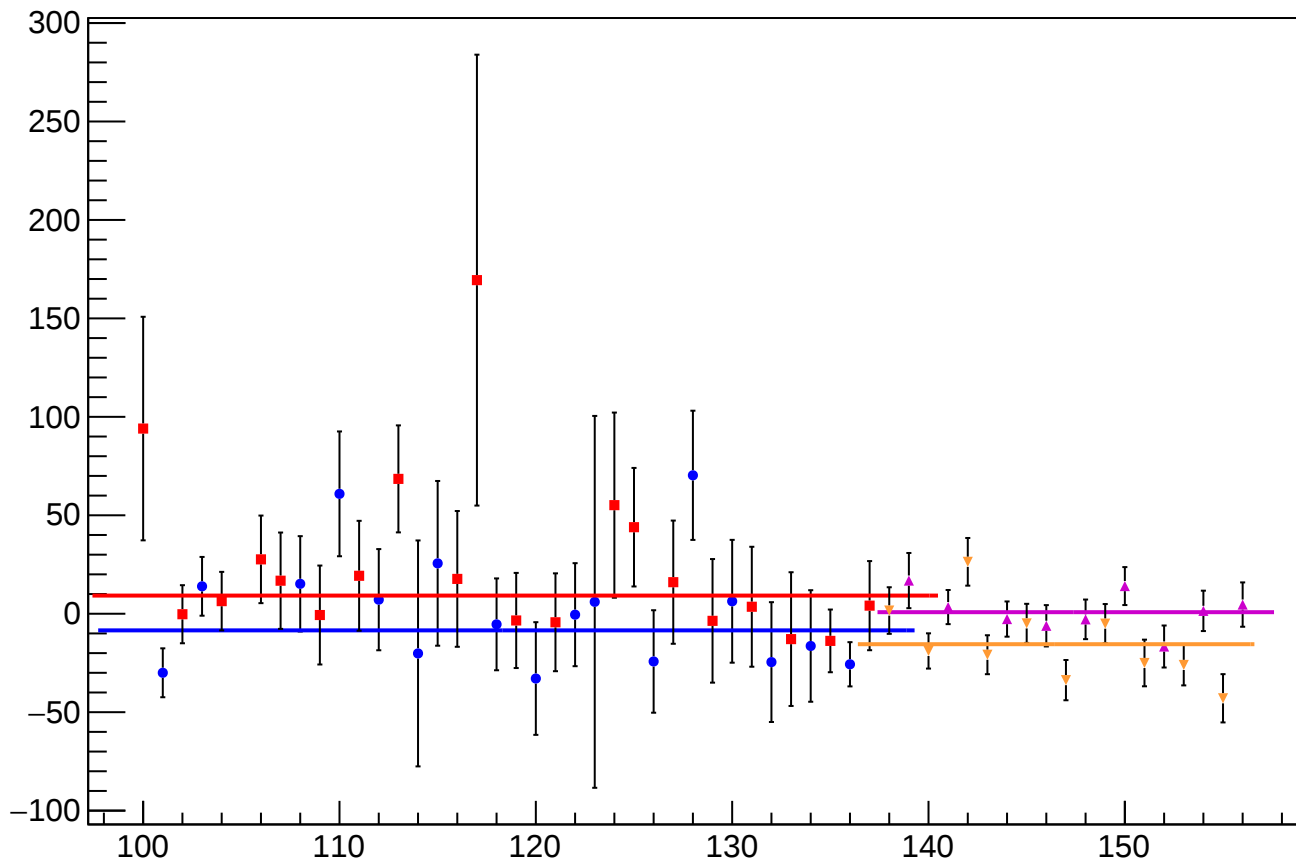
Left In: 6249.354 $\pm$ 1.649 χ^2/NDF : 165770.3/8

6436.509 $\pm$ 1.235 χ^2/NDF : 885985.4/26

6449.909 $\pm$ 0.870 χ^2/NDF : 1764837.2/55

6463.076 $\pm$ 1.224 χ^2/NDF : 878618.5/28

diff_bpm1X_mean vs Slug, Sign Corrected



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

Left Out: -15.470 $\pm$ 3.342 χ^2/NDF : 26.6/9

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

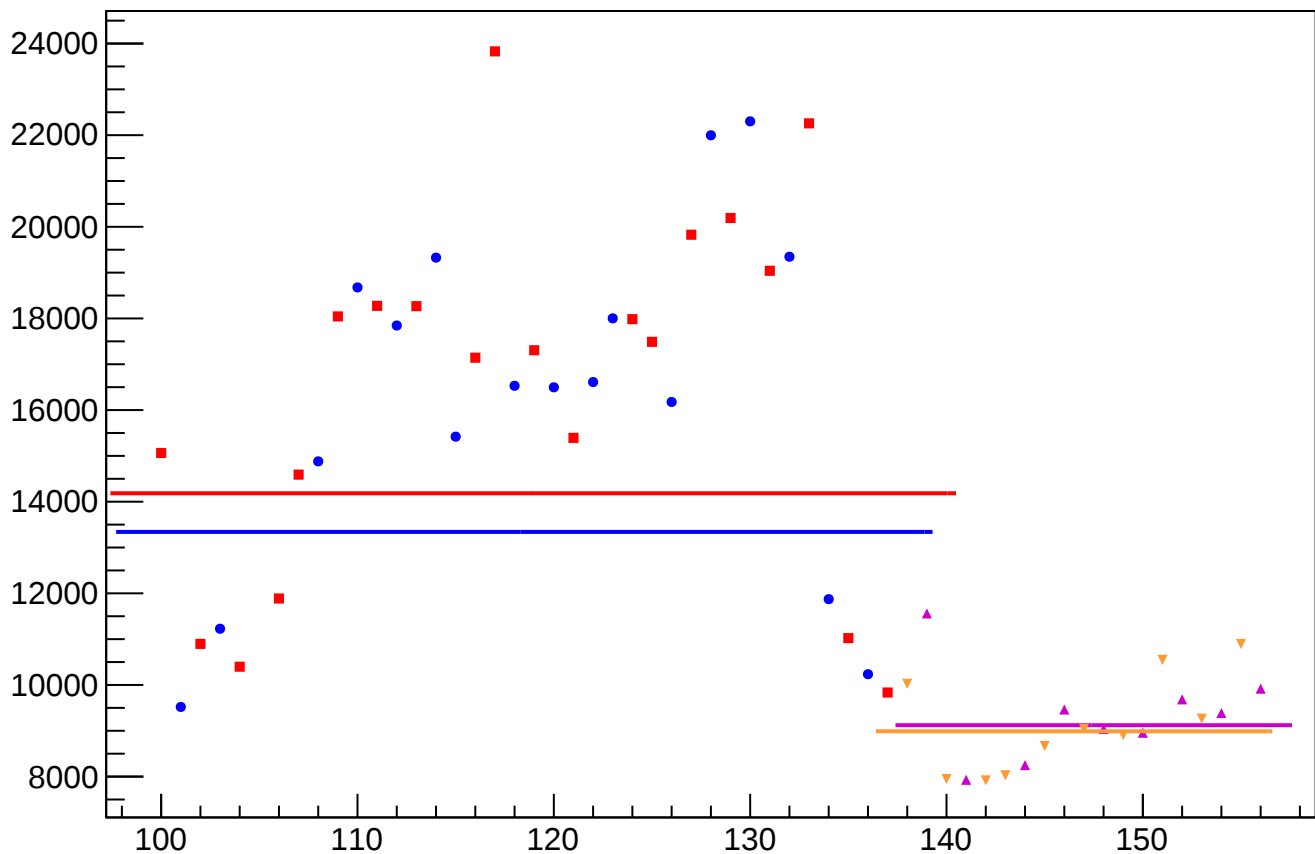
Left In: 0.793 $\pm$ 3.394 χ^2/NDF : 6.8/8

-13.522 $\pm$ 2.841 χ^2/NDF : 49.8/26

-5.342 $\pm$ 2.025 χ^2/NDF : 91.4/55

3.117 $\pm$ 2.889 χ^2/NDF : 24.7/28

diff_bpm1X_rms vs Slug, Sign Corrected



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

Left Out: 8989.208+/-2.363 χ^2/NDF :163619.1/9

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

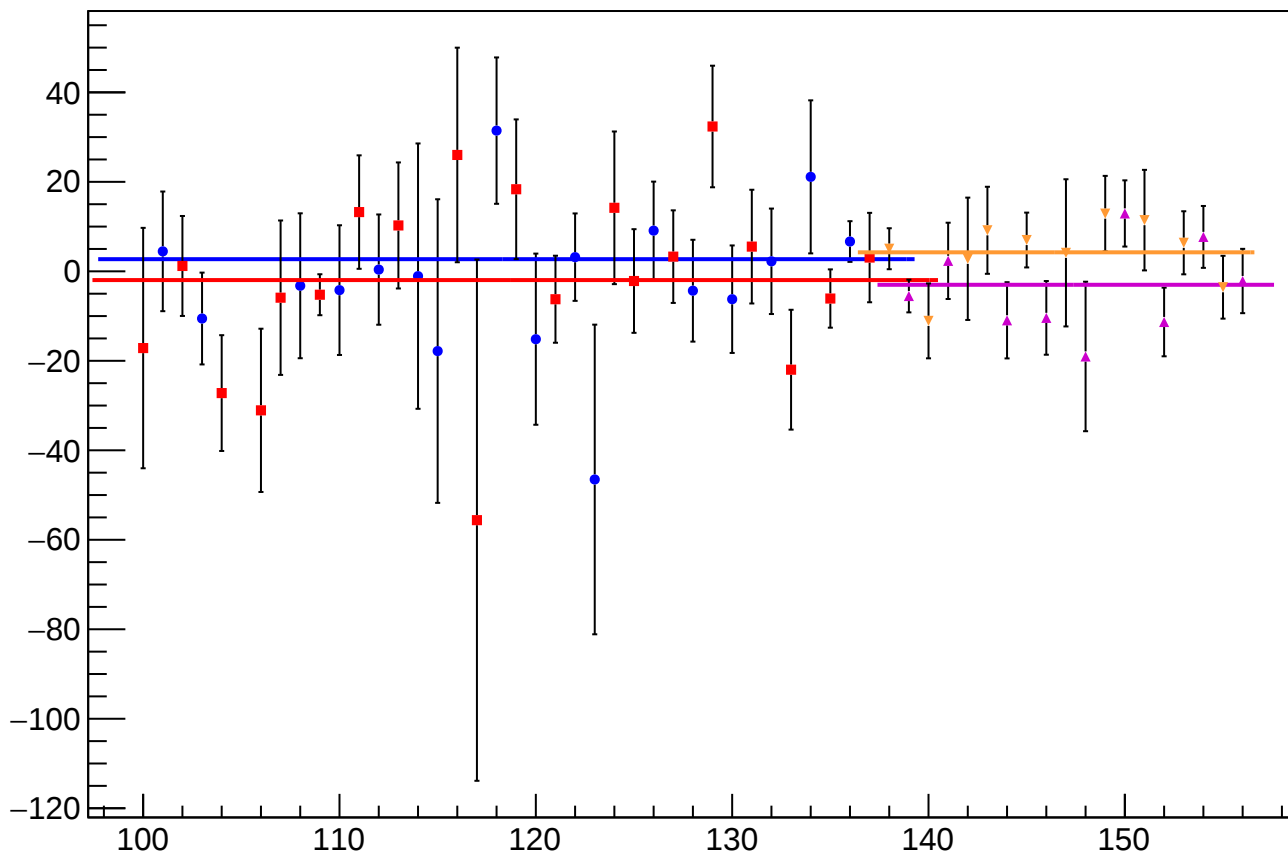
Left In: 9121.994+/-2.400 χ^2/NDF :137157.1/8

10196.713+/-2.009 χ^2/NDF : 2149123.5/26

10354.393+/-1.432 χ^2/NDF : 4471132.0/5

10517.443+/-2.043 χ^2/NDF : 2309475.1/28

diff_bpm1Y_mean vs Slug, Sign Corrected



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

Left Out: 4.248 ± 2.421 χ^2/NDF : 6.6/9

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

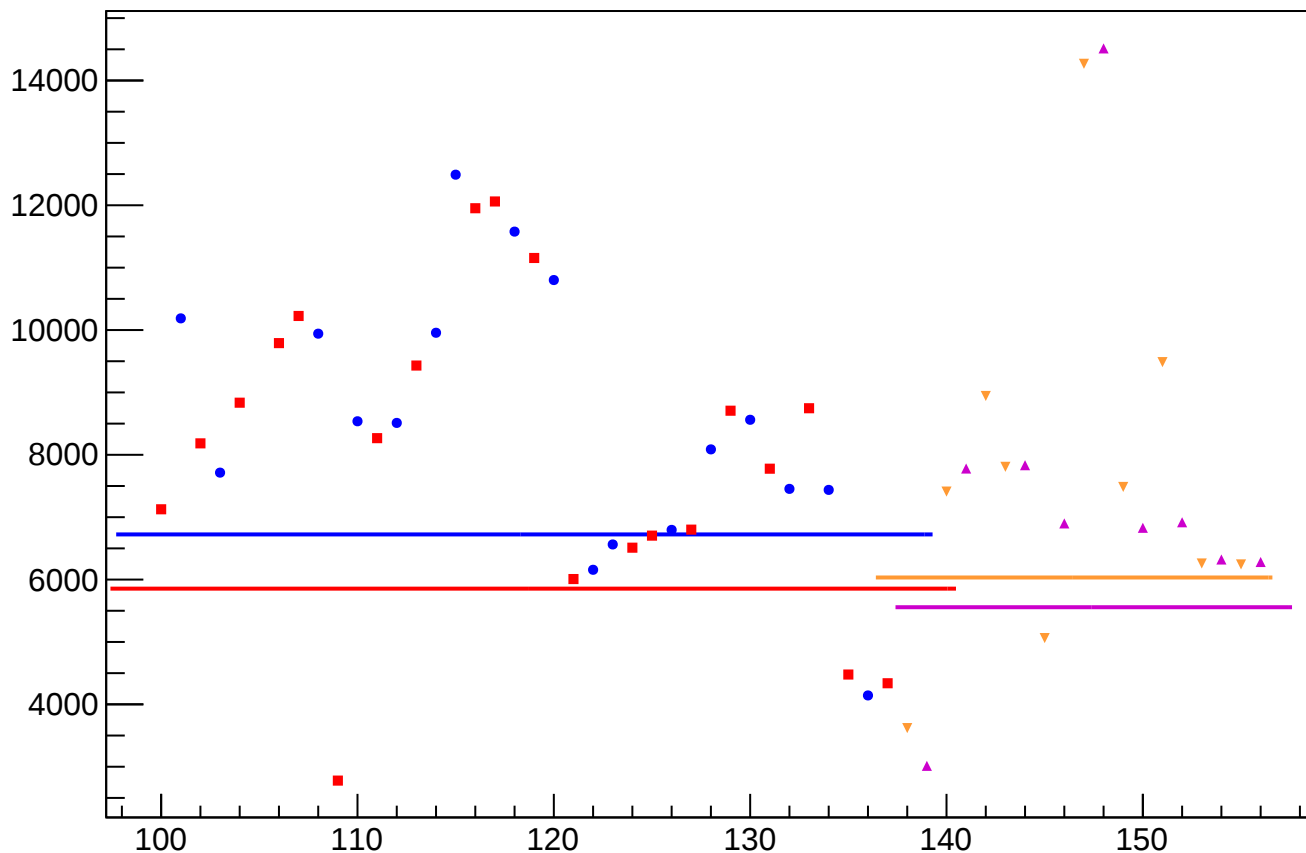
Left In: -3.009 ± 2.257 χ^2/NDF : 11.7/8

3.580 ± 1.818 χ^2/NDF : 18.5/26

0.245 ± 1.224 χ^2/NDF : 60.8/55

-2.522 ± 1.656 χ^2/NDF : 36.2/28

diff_bpm1Y_rms vs Slug, Sign Corrected



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

Left Out: 6033.411+/-1.712 χ^2/NDF : 1570393.9/9

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

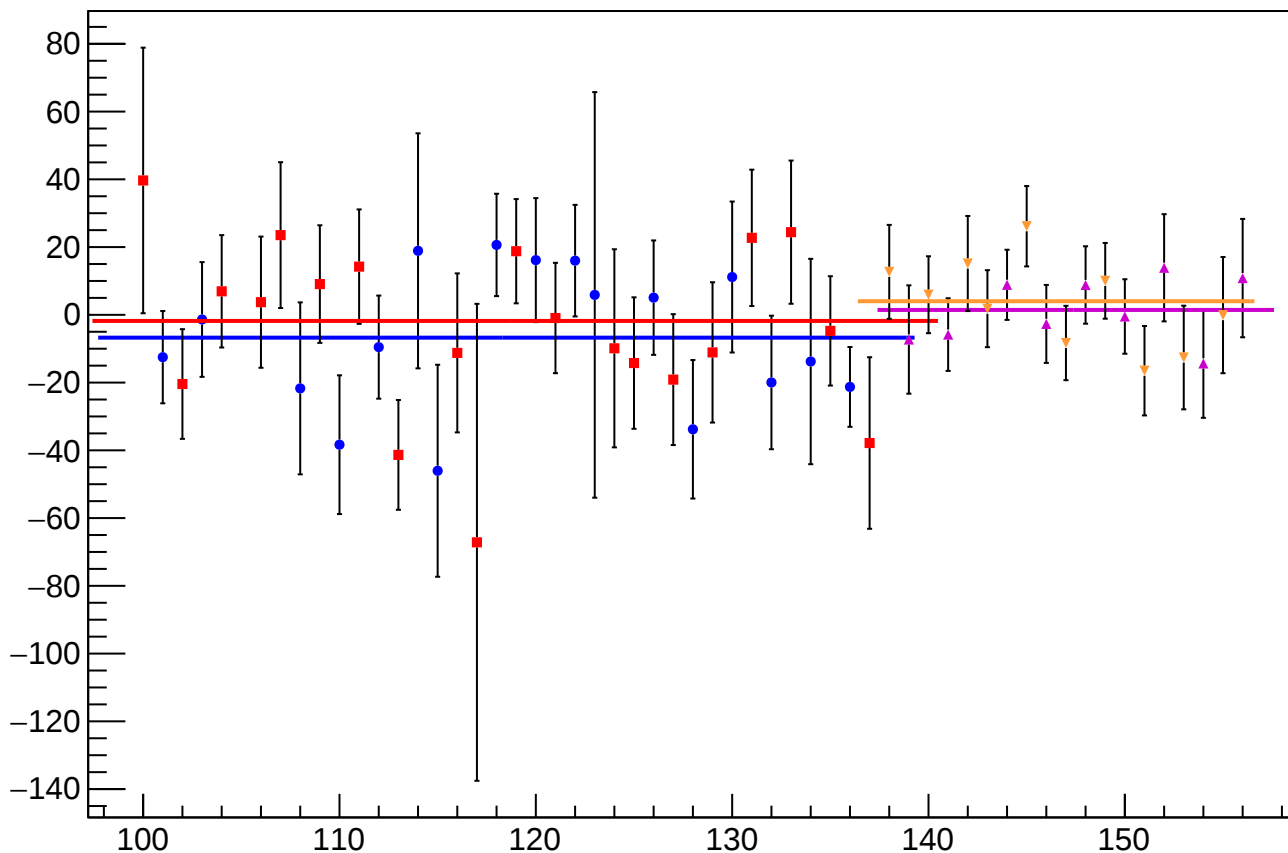
Left In: 5556.882+/-1.596 χ^2/NDF : 2041776.6/8

6334.635+/-1.285 χ^2/NDF : 3033437.6/26

5984.791+/-0.866 χ^2/NDF : 7526820.7/55

5694.435+/-1.171 χ^2/NDF : 4357819.4/28

diff_bpm11X_mean vs Slug, Sign Corrected



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

Left Out: 4.019 $\pm$ 3.997 χ^2/NDF : 9.8/9

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

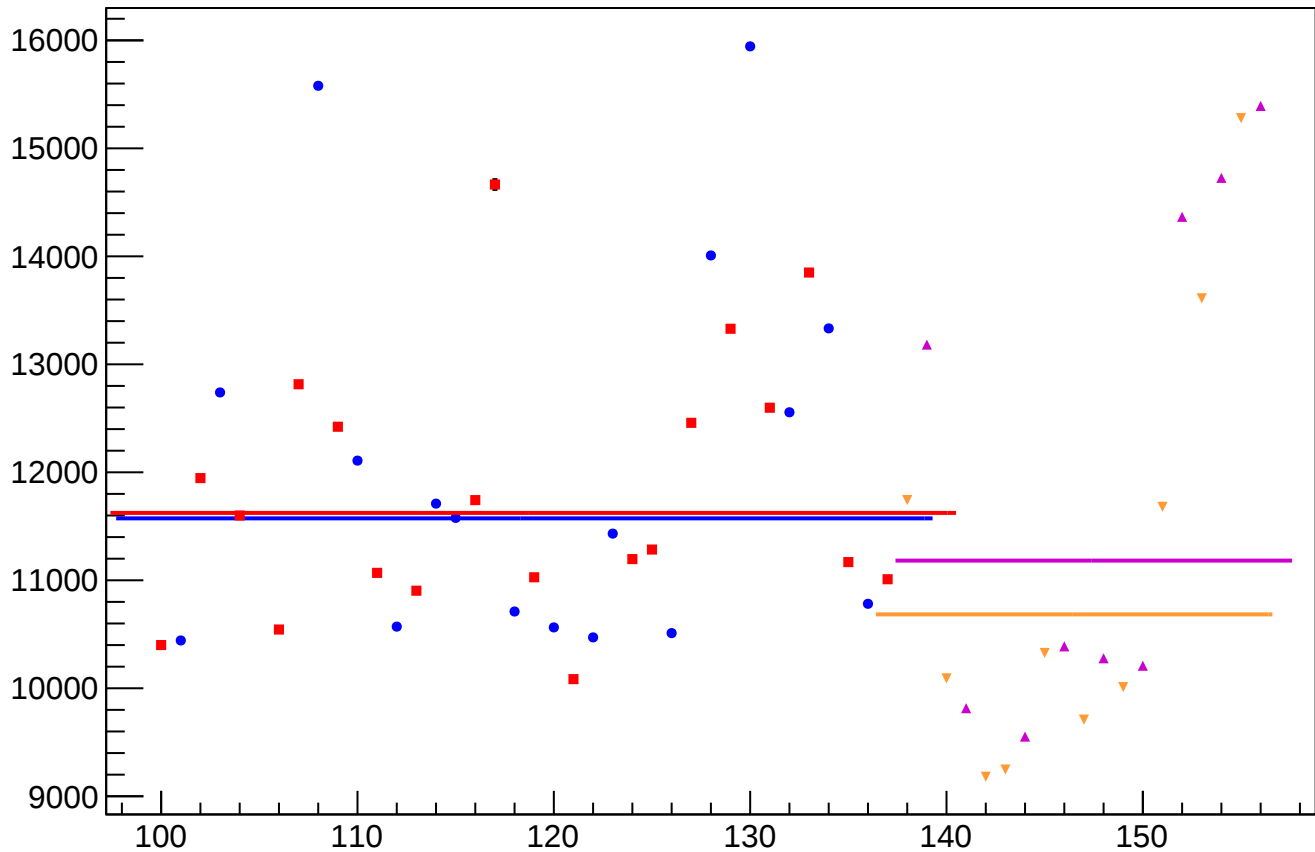
Left In: 1.448 $\pm$ 4.204 χ^2/NDF : 3.7/8

-0.709 $\pm$ 2.992 χ^2/NDF : 29.8/26

-0.416 $\pm$ 2.128 χ^2/NDF : 54.7/55

-0.116 $\pm$ 3.028 χ^2/NDF : 24.8/28

diff_bpm11X_rms vs Slug, Sign Corrected



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

Left Out: 10684.274 $\pm$ 2.826 χ^2/NDF : 325100.3/9

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

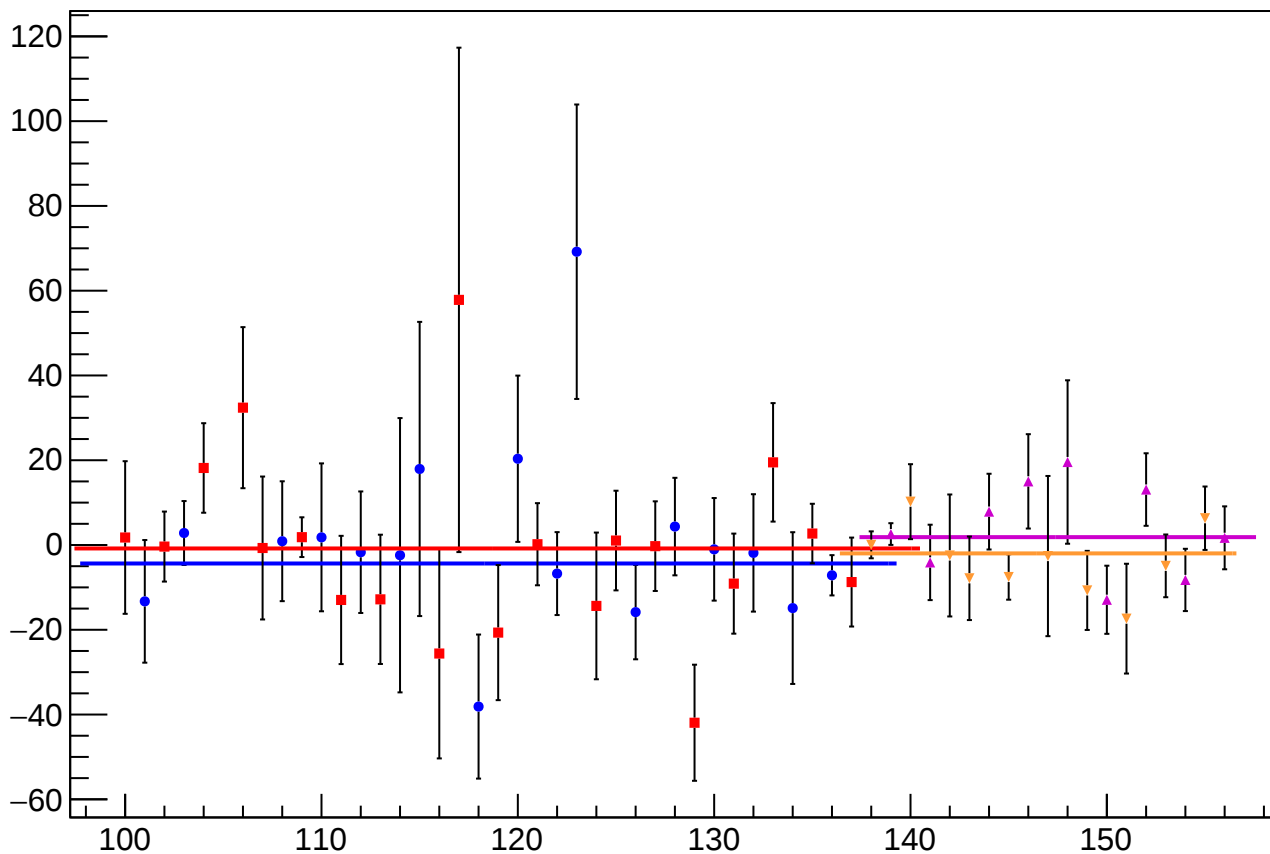
Left In: 11182.330 $\pm$ 2.973 χ^2/NDF : 445746.4/8

11075.168 $\pm$ 2.116 χ^2/NDF : 607349.6/26

11233.148 $\pm$ 1.505 χ^2/NDF : 1173057.9/5

11394.902 $\pm$ 2.141 χ^2/NDF : 554424.4/28

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -4.361 $\pm$ 2.776 χ^2/NDF : 14.5/16

Left Out: -1.980 $\pm$ 2.141 χ^2/NDF : 7.4/9

Right Out: -0.816 $\pm$ 2.424 χ^2/NDF : 24.5/19

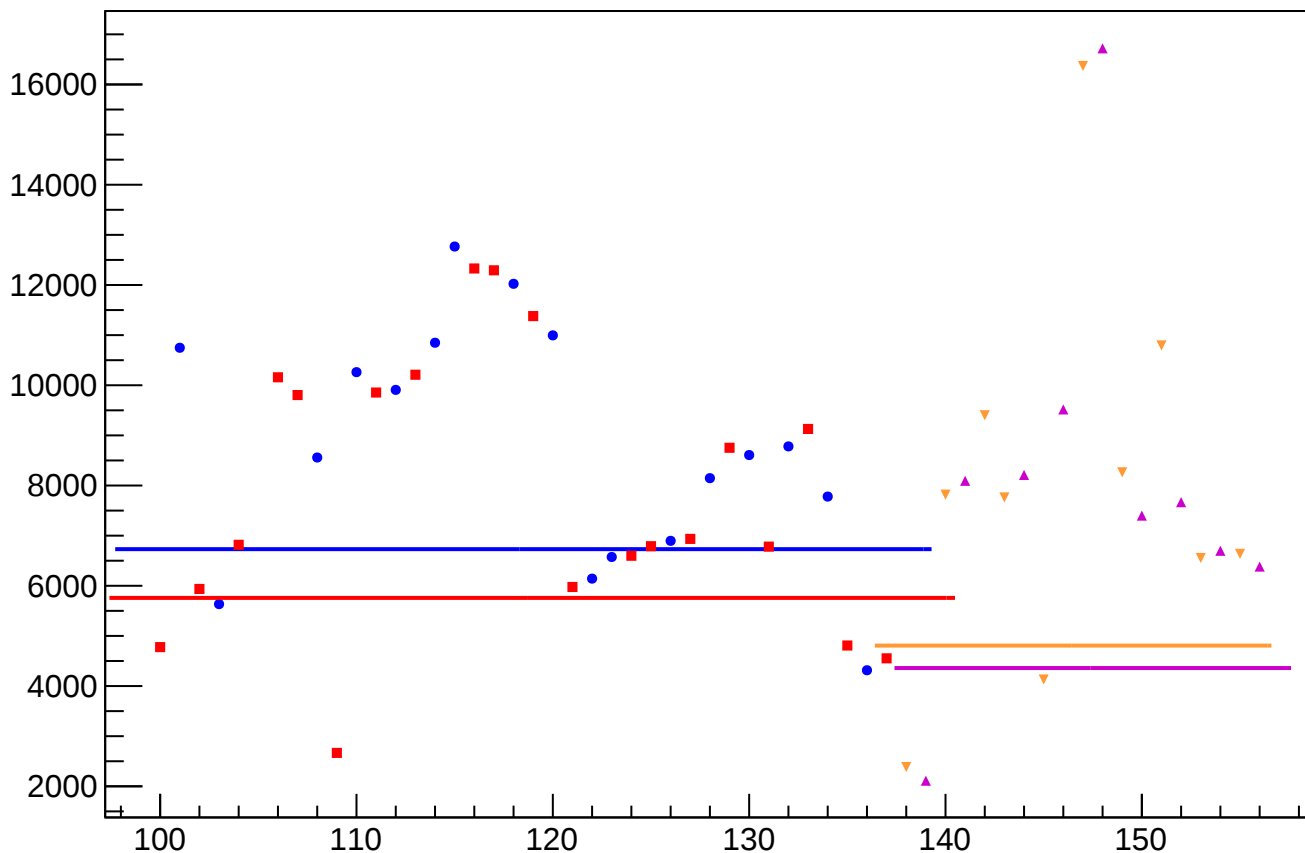
Left In: 1.855 $\pm$ 1.983 χ^2/NDF : 10.2/8

-2.868 $\pm$ 1.695 χ^2/NDF : 22.4/26

-0.861 $\pm$ 1.138 χ^2/NDF : 60.4/55

0.784 $\pm$ 1.535 χ^2/NDF : 35.5/28

diff_bpm11Y_rms vs Slug, Sign Corrected



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

Left Out: 4807.286+/-1.514 χ^2/NDF : 3491624.4/9

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

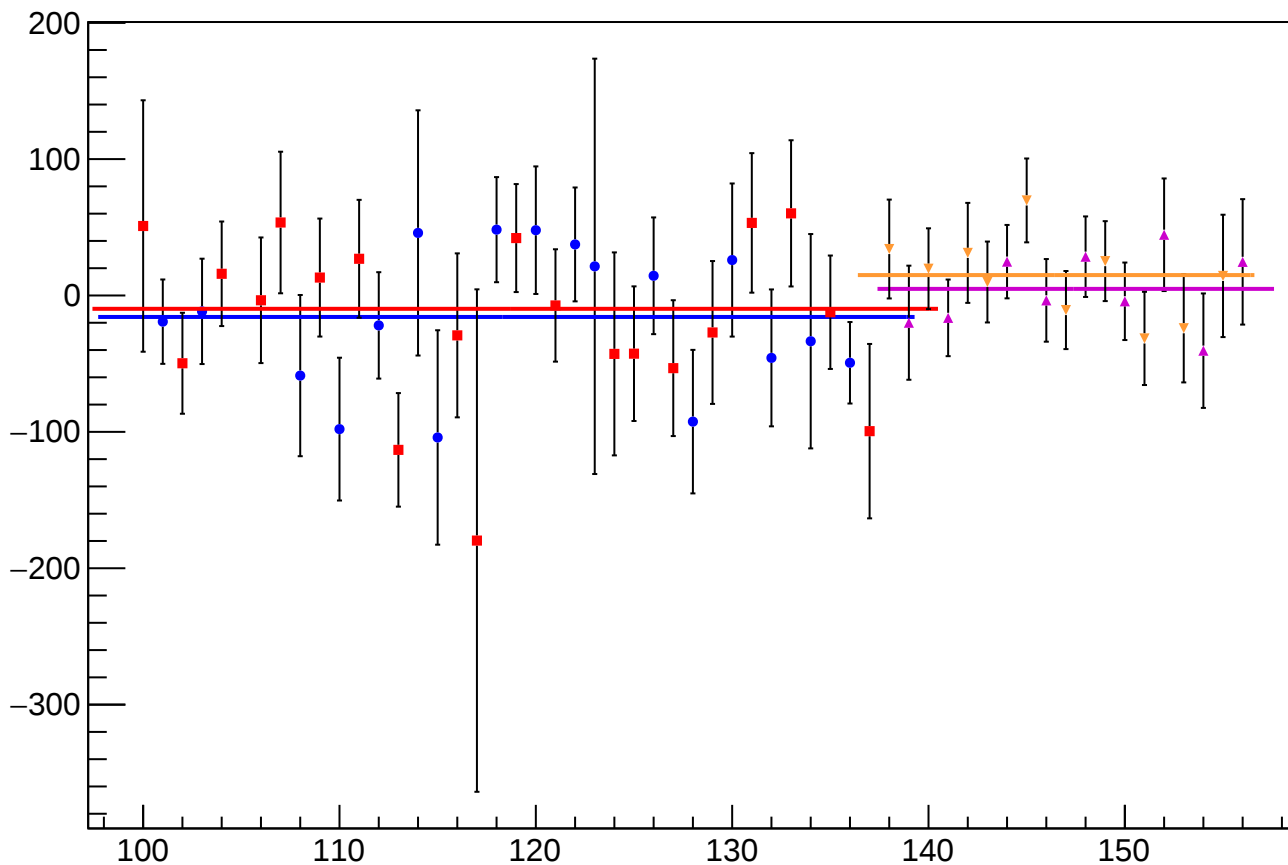
Left In: 4359.408+/-1.402 χ^2/NDF : 4452974.5/8

5524.435+/-1.199 χ^2/NDF : 5538920.9/26

5192.565+/-0.805 χ^2/NDF : 12716867.9/5

4920.450+/-1.085 χ^2/NDF : 7038448.3/28

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left Out: 14.960 $\pm$ 10.419 χ^2/NDF : 7.4/9

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

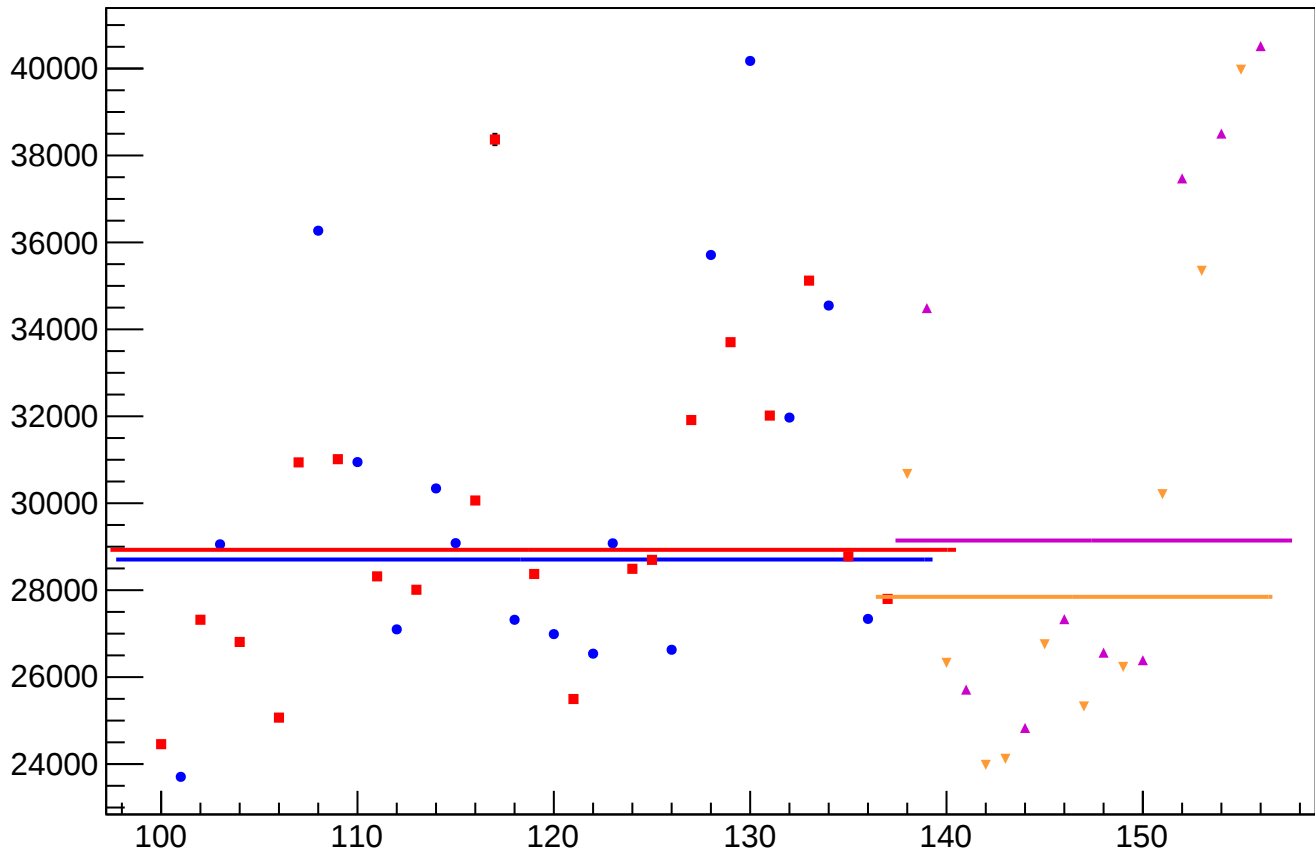
Left In: 4.842 $\pm$ 10.961 χ^2/NDF : 4.6/8

0.722 $\pm$ 7.631 χ^2/NDF : 27.4/26

-0.884 $\pm$ 5.427 χ^2/NDF : 53.0/55

-2.526 $\pm$ 7.718 χ^2/NDF : 25.6/28

diff_bpm12X_rms vs Slug, Sign Corrected



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

Left Out: 27846.800 ± 7.368 $\chi^2/\text{NDF}: 322260.8/9$

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

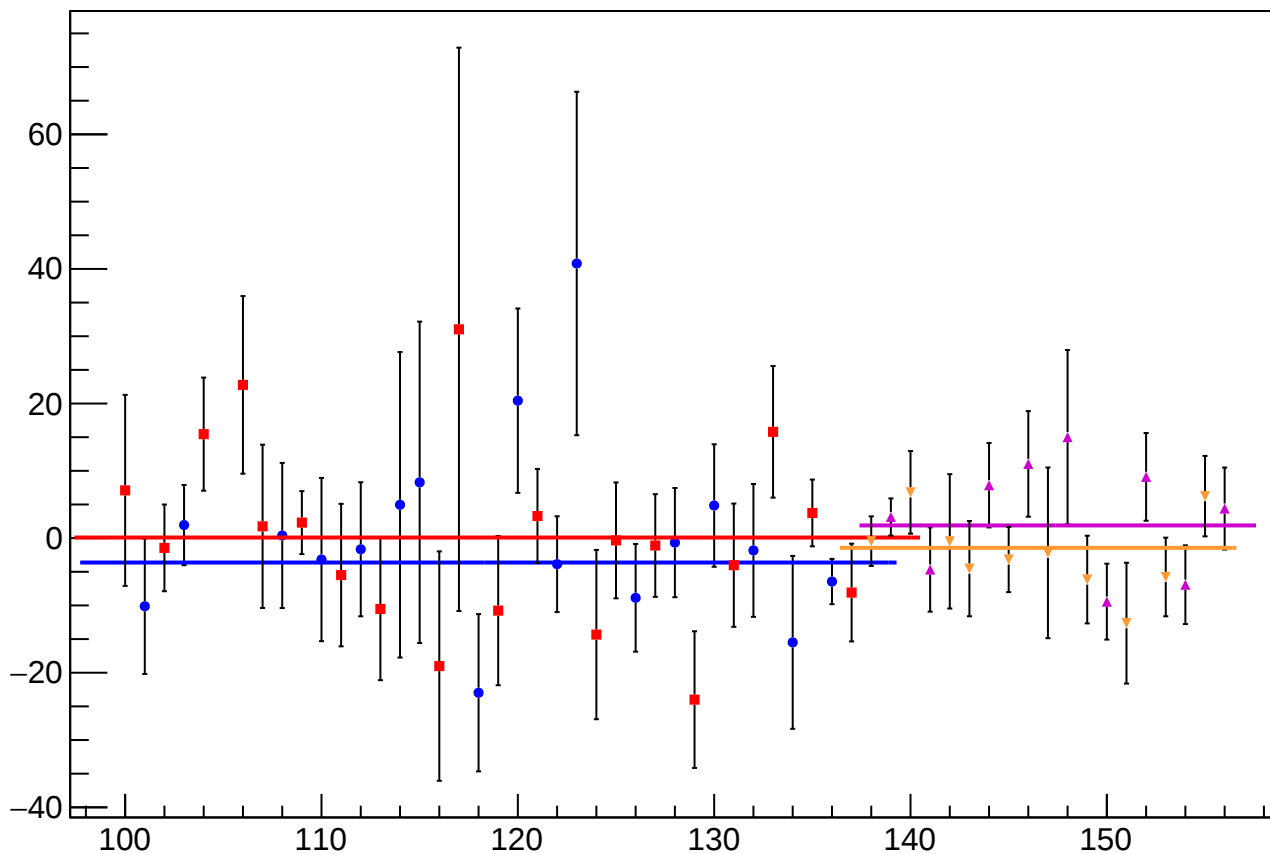
Left In: 29142.238 ± 7.751 $\chi^2/\text{NDF}: 458320.1/8$

28244.932 ± 5.396 $\chi^2/\text{NDF}: 579552.0/26$

28635.213 ± 3.837 $\chi^2/\text{NDF}: 1165321.2/5$

29034.486 ± 5.458 $\chi^2/\text{NDF}: 575185.9/28$

diff_bpm12Y_mean vs Slug, Sign Corrected



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

Left Out: -1.441+/-1.917 χ^2/NDF : 6.5/9

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

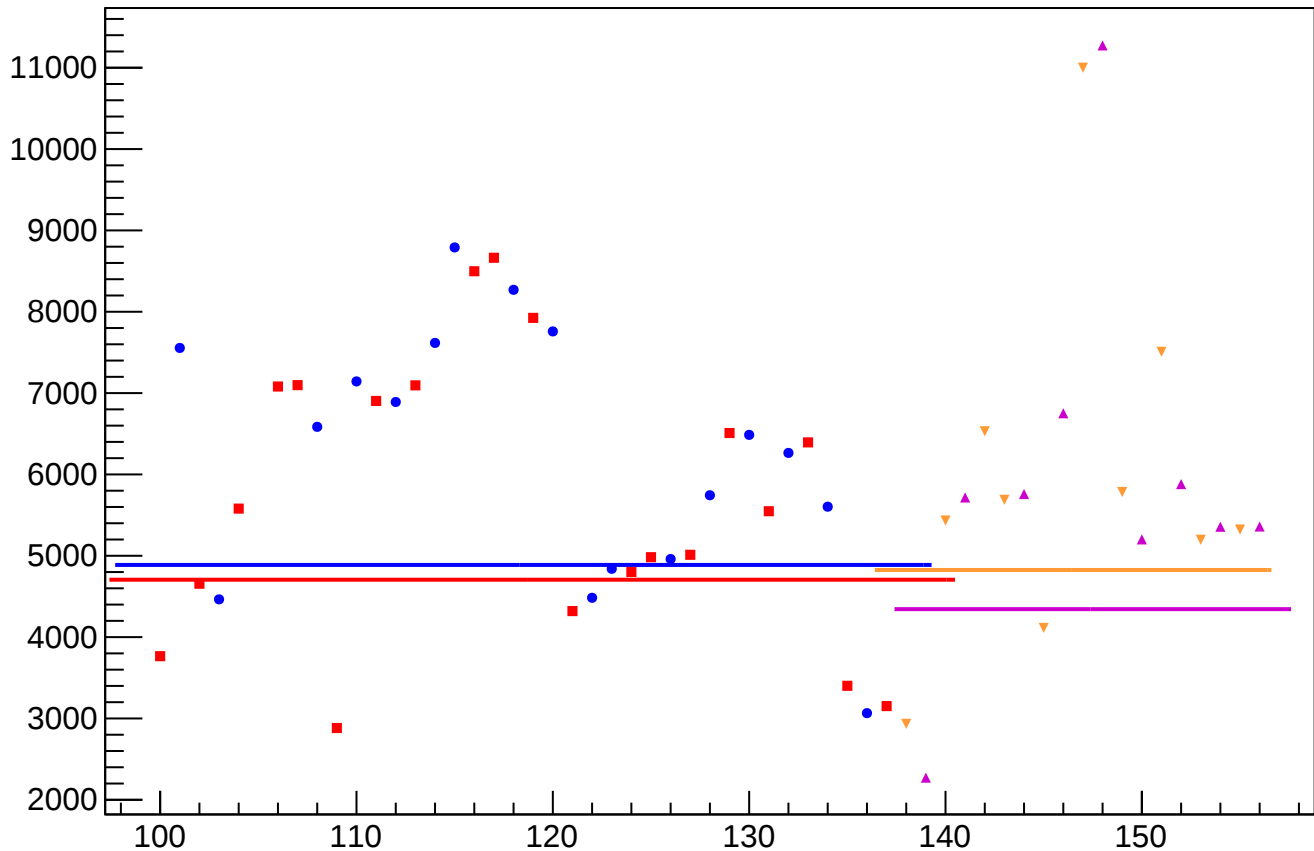
Left In: 1.887+/-1.780 χ^2/NDF : 12.3/8

-2.483+/-1.386 χ^2/NDF : 20.8/26

-0.602+/-0.946 χ^2/NDF : 59.7/55

1.042+/-1.295 χ^2/NDF : 35.4/28

diff_bpm12Y_rms vs Slug, Sign Corrected



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

Left Out: 4825.328+/-1.355 χ^2/NDF : 1395971.2/9

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

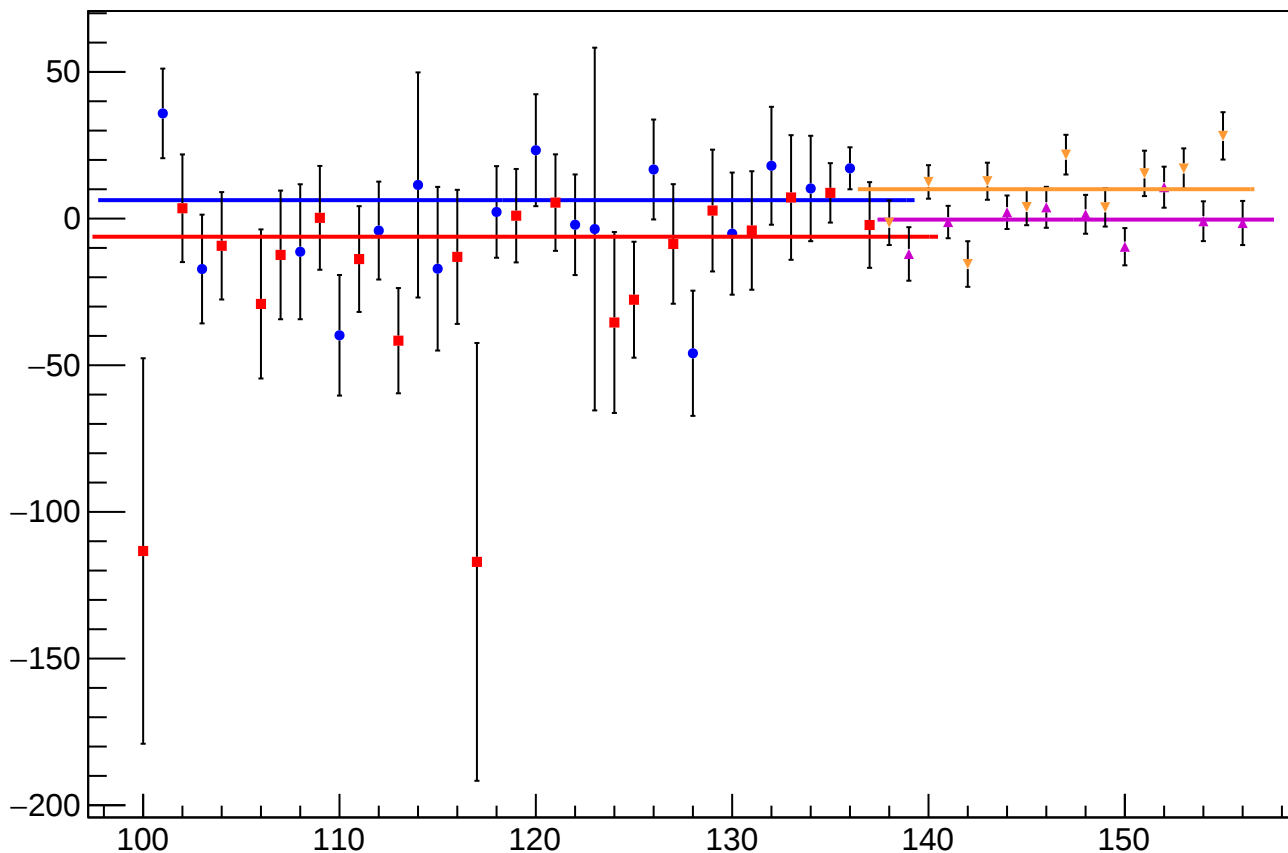
Left In: 4343.884+/-1.259 χ^2/NDF : 2357838.2/8

4855.007+/-0.980 χ^2/NDF : 2806272.7/26

4673.127+/-0.669 χ^2/NDF : 6598600.4/55

4514.229+/-0.916 χ^2/NDF : 3727780.6/28

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 6.283 ± 4.064 $\chi^2/\text{NDF}: 22.5/16$

Left Out: 10.019 ± 2.163 $\chi^2/\text{NDF}: 24.9/9$

Right Out: -6.182 ± 4.212 $\chi^2/\text{NDF}: 16.0/19$

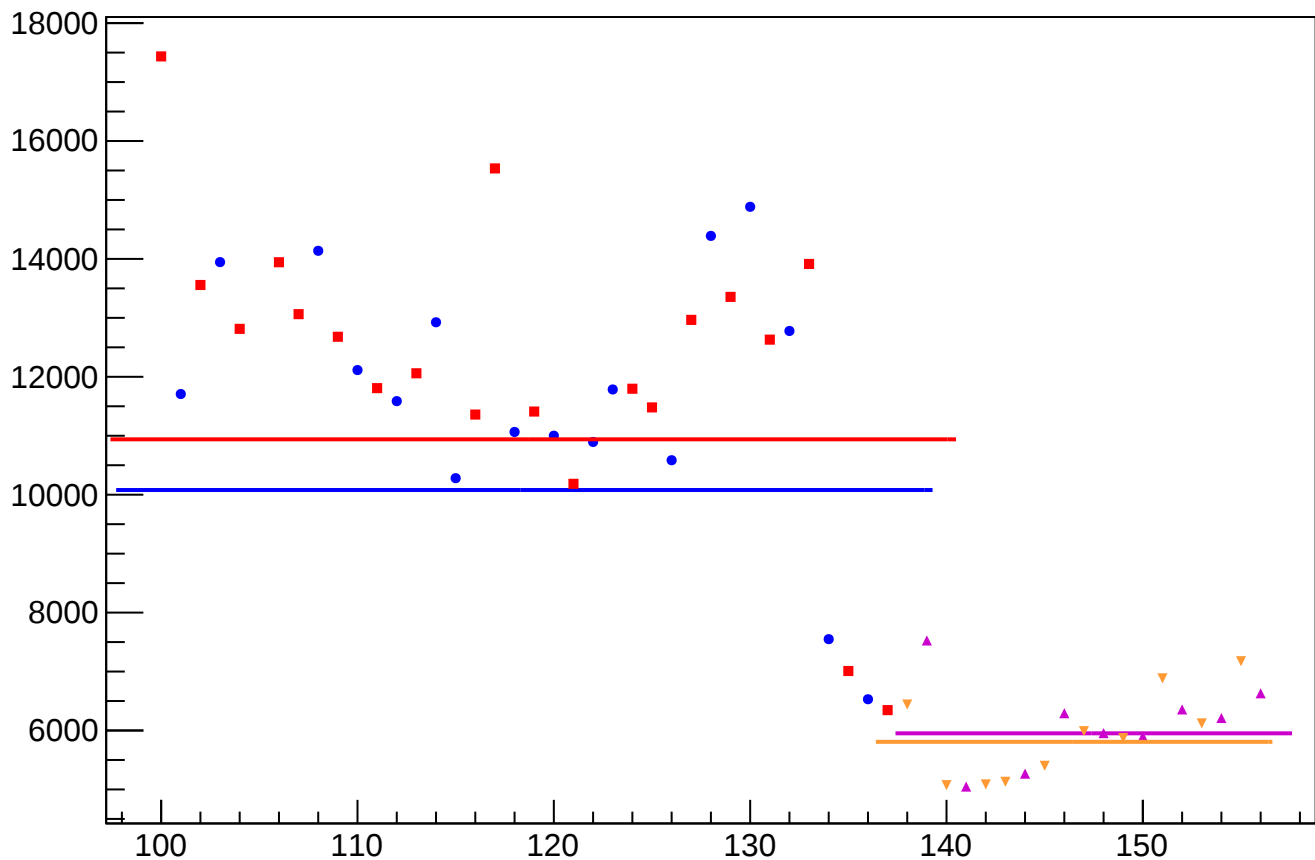
Left In: -0.344 ± 2.217 $\chi^2/\text{NDF}: 6.9/8$

9.195 ± 1.909 $\chi^2/\text{NDF}: 48.1/26$

3.939 ± 1.368 $\chi^2/\text{NDF}: 88.1/55$

-1.611 ± 1.962 $\chi^2/\text{NDF}: 24.5/28$

diff_bpm16X_rms vs Slug, Sign Corrected



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

Left Out: 5807.699 $\pm$ 1.529 χ^2 /NDF:197685.9/9

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

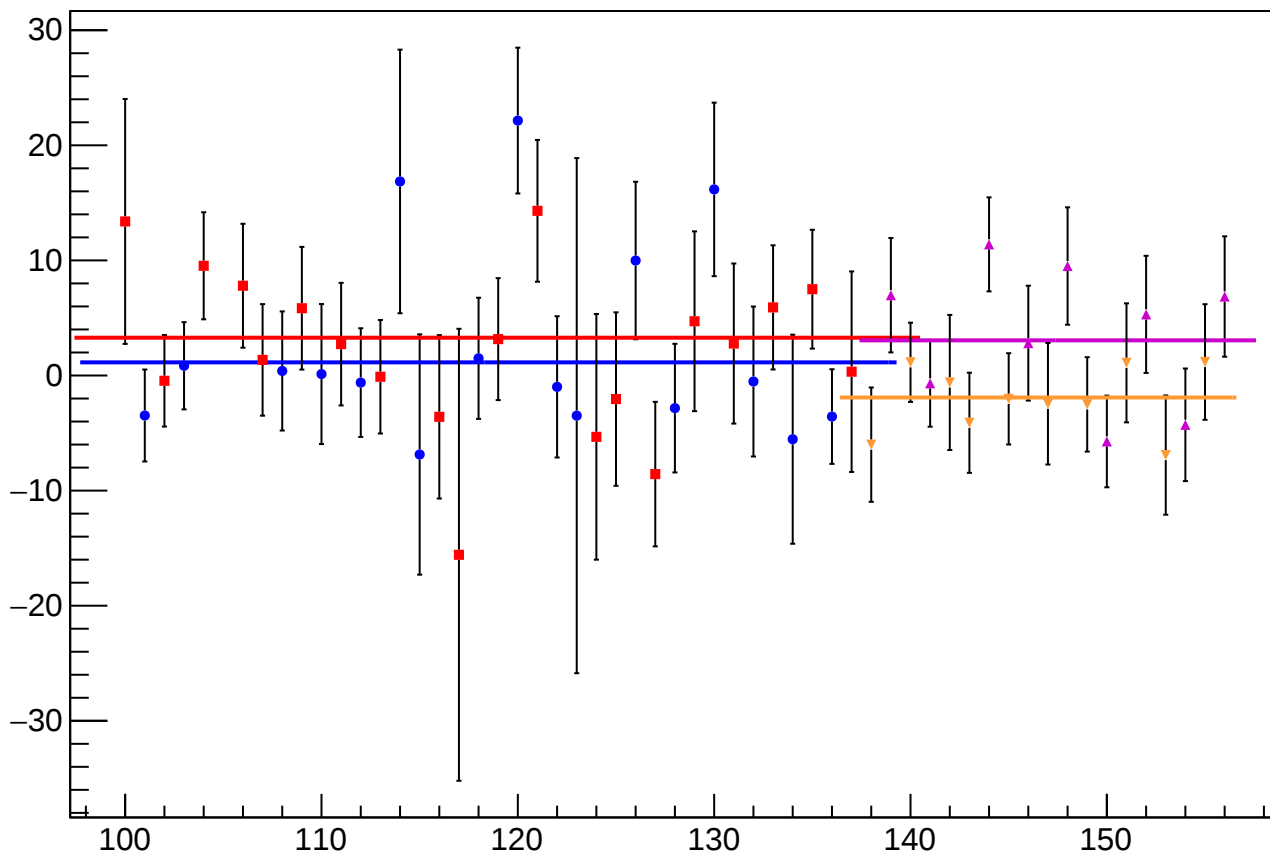
Left In: 5952.089 $\pm$ 1.568 χ^2 /NDF:172714.8/8

6750.452 $\pm$ 1.350 χ^2 /NDF: 2914299.3/26

6888.382 $\pm$ 0.968 χ^2 /NDF: 6079720.0/55

7034.041 $\pm$ 1.387 χ^2 /NDF: 3143959.7/28

diff_bpm16Y_mean vs Slug, Sign Corrected



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

Left Out: -1.911 ± 1.443 χ^2/NDF : 3.5/9

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

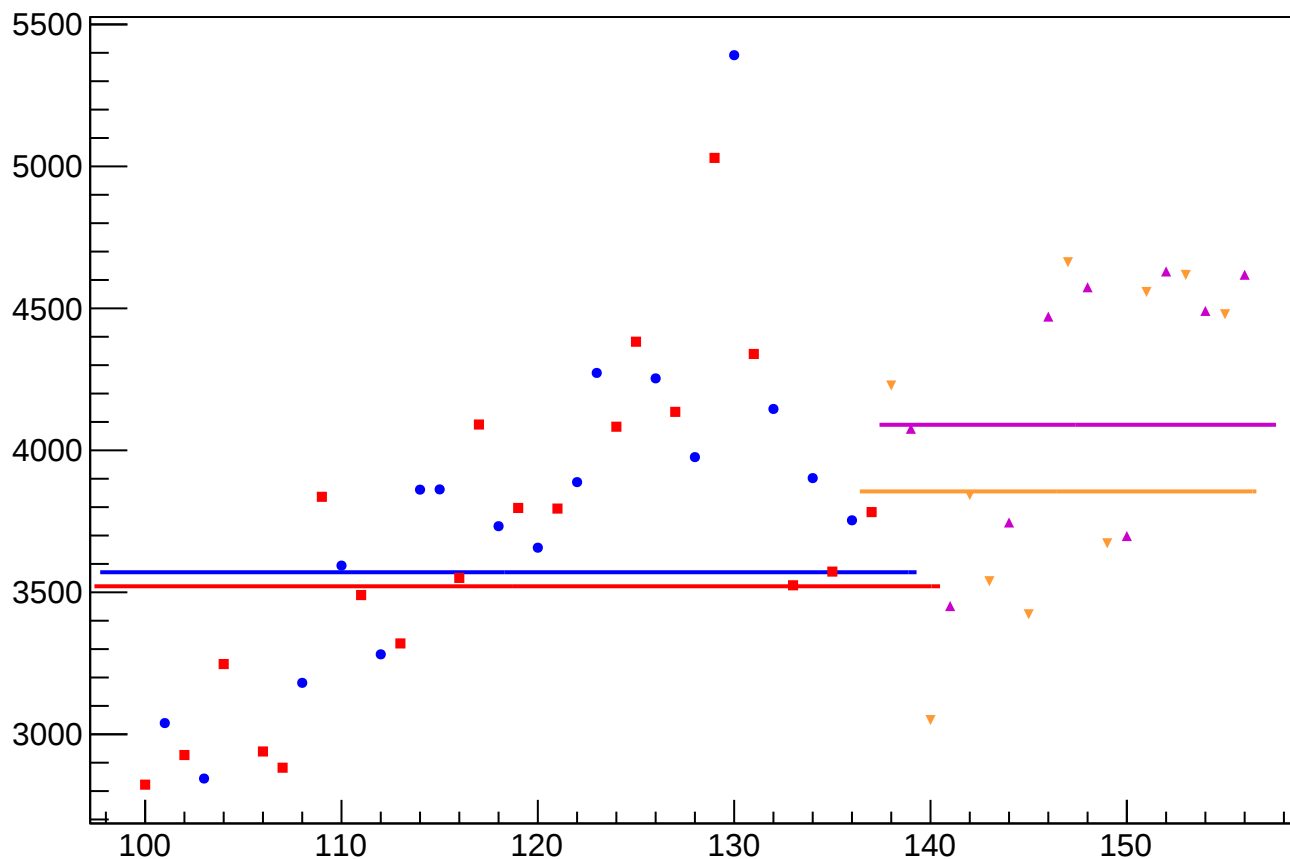
Left In: 3.054 ± 1.526 χ^2/NDF : 15.2/8

-0.333 ± 1.003 χ^2/NDF : 29.0/26

1.427 ± 0.709 χ^2/NDF : 66.4/55

3.185 ± 1.003 χ^2/NDF : 31.2/28

diff_bpm16Y_rms vs Slug, Sign Corrected



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

Left Out: 3855.406 $\pm$ 1.021 χ^2 /NDF:316990.8/9

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

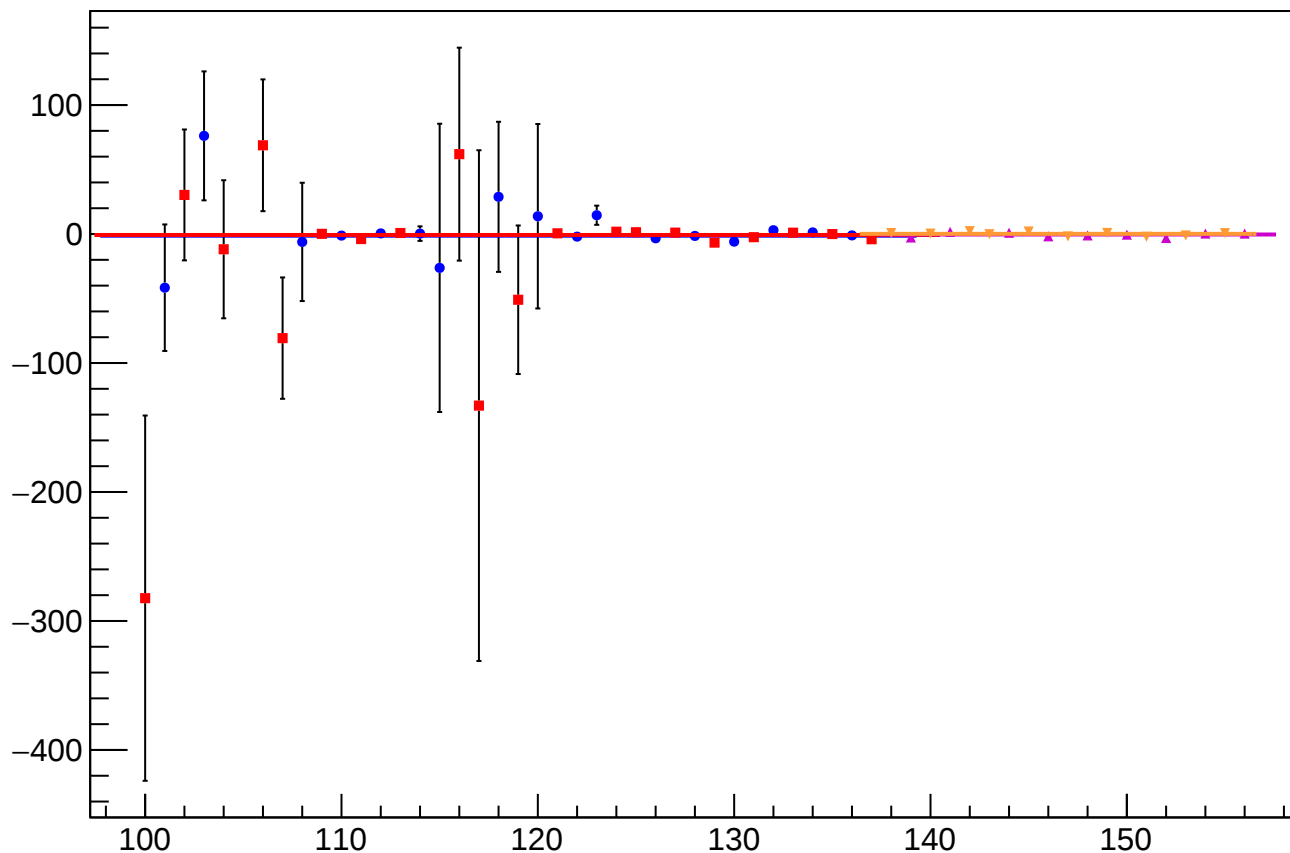
Left In: 4090.033 $\pm$ 1.079 χ^2 /NDF:177063.6/8

3708.239 $\pm$ 0.709 χ^2 /NDF: 666788.3/26

3737.553 $\pm$ 0.501 χ^2 /NDF: 1300103.2/55

3766.838 $\pm$ 0.709 χ^2 /NDF: 629900.7/28

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

Left Out: 0.135 ± 0.388 χ^2/NDF : 11.5/9

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

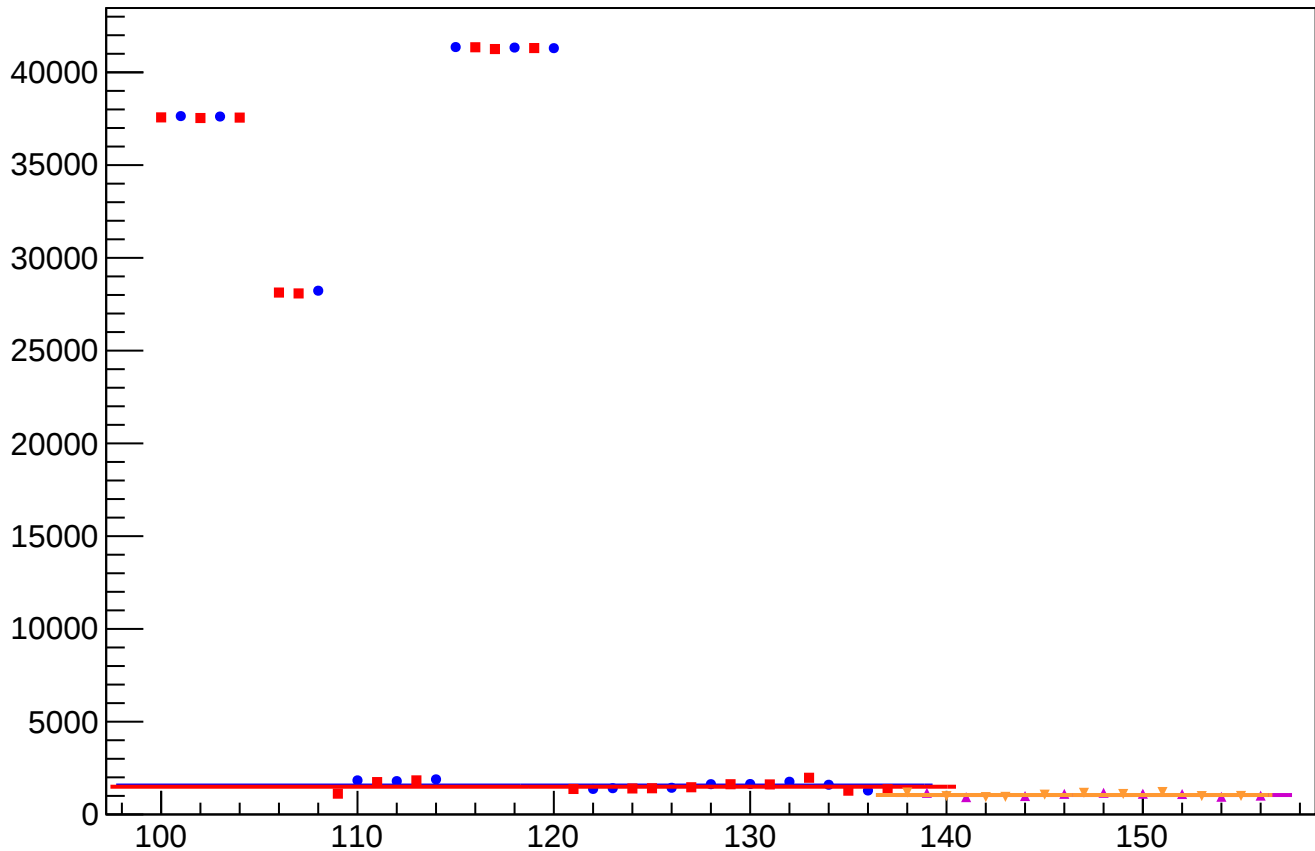
Left In: -0.358 ± 0.389 χ^2/NDF : 15.6/8

-0.162 ± 0.345 χ^2/NDF : 30.6/26

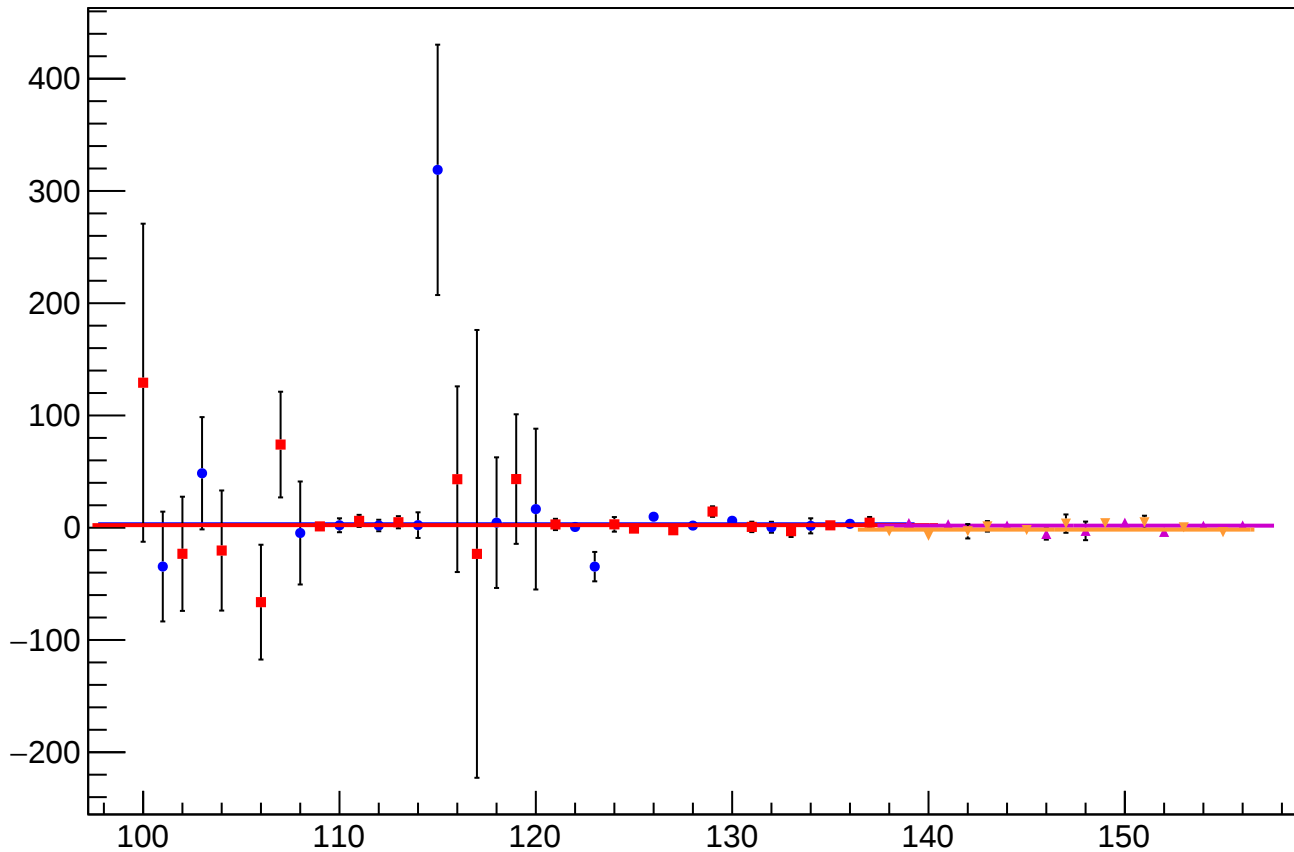
-0.305 ± 0.243 χ^2/NDF : 69.2/55

-0.445 ± 0.341 χ^2/NDF : 38.3/28

diff_bpm1p02bX_rms vs Slug, Sign Corrected



diff_bpm1p02bY_mean vs Slug, Sign Corrected



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

Left Out: -1.686 ± 1.237 χ^2/NDF : 6.8/9

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

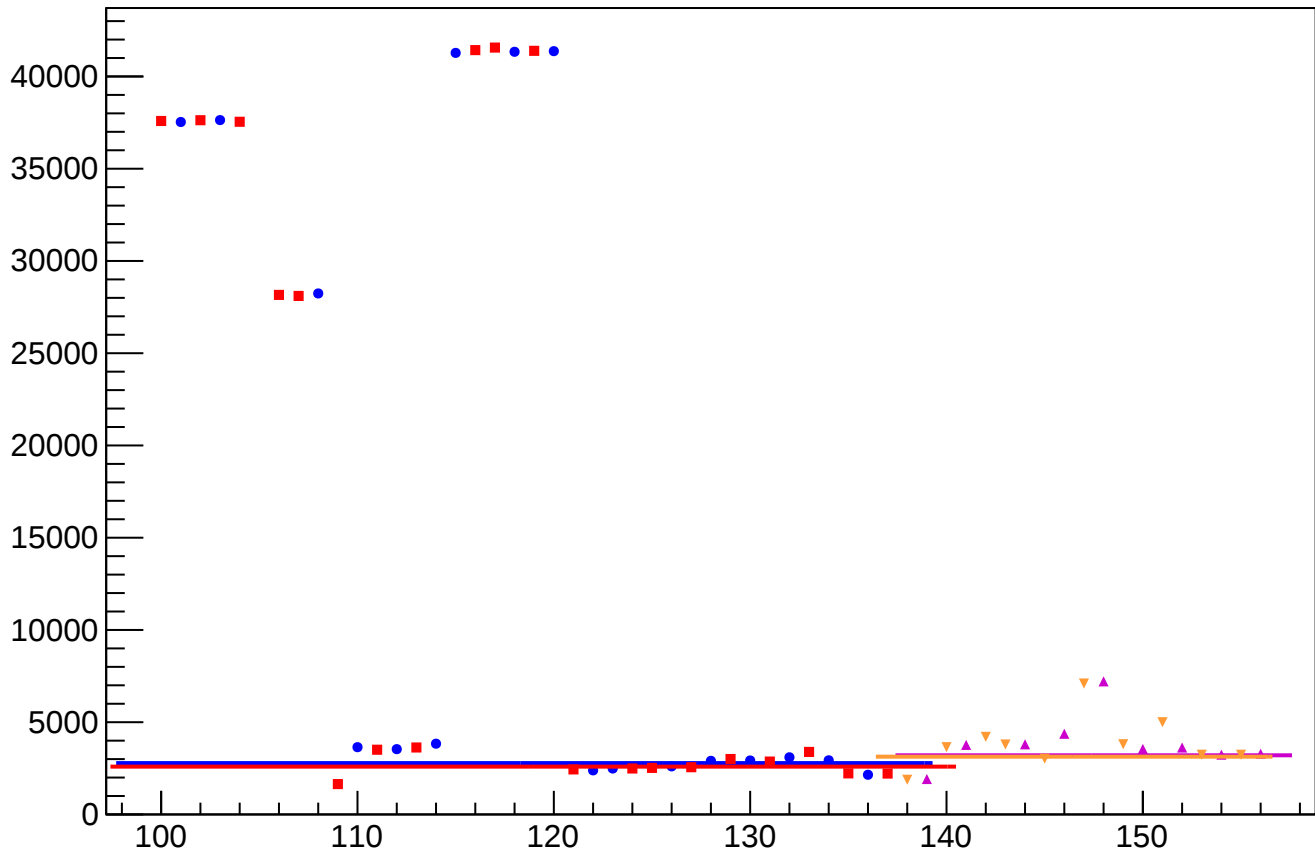
Left In: 1.840 ± 1.260 χ^2/NDF : 5.9/8

0.535 ± 0.904 χ^2/NDF : 35.6/26

1.325 ± 0.631 χ^2/NDF : 60.1/55

2.077 ± 0.882 χ^2/NDF : 22.9/28

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

Left Out: 3131.506+/-0.875 χ^2/NDF : 1466285.3/9

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

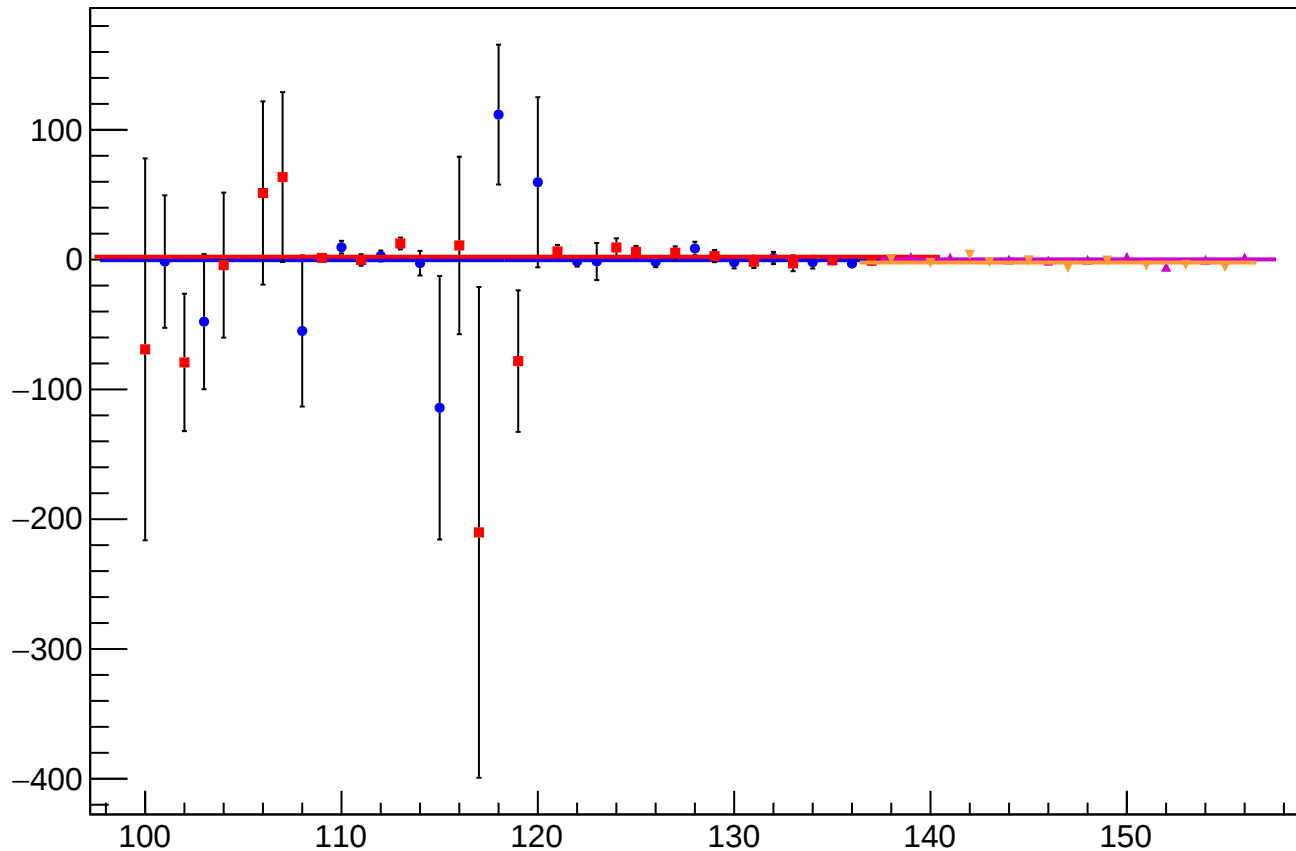
Left In: 3206.868+/-0.891 χ^2/NDF : 1282491.7/8

2969.389+/-0.639 χ^2/NDF : 6117305.1/26

2930.489+/-0.446 χ^2/NDF : 12572568.1/5

2893.453+/-0.624 χ^2/NDF : 6448030.2/28

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -0.403 $\pm$ 1.218 χ^2/NDF : 18.3/16

Left Out: -2.240 $\pm$ 0.613 χ^2/NDF : 19.3/9

Right Out: 2.235 $\pm$ 1.246 χ^2/NDF : 18.7/19

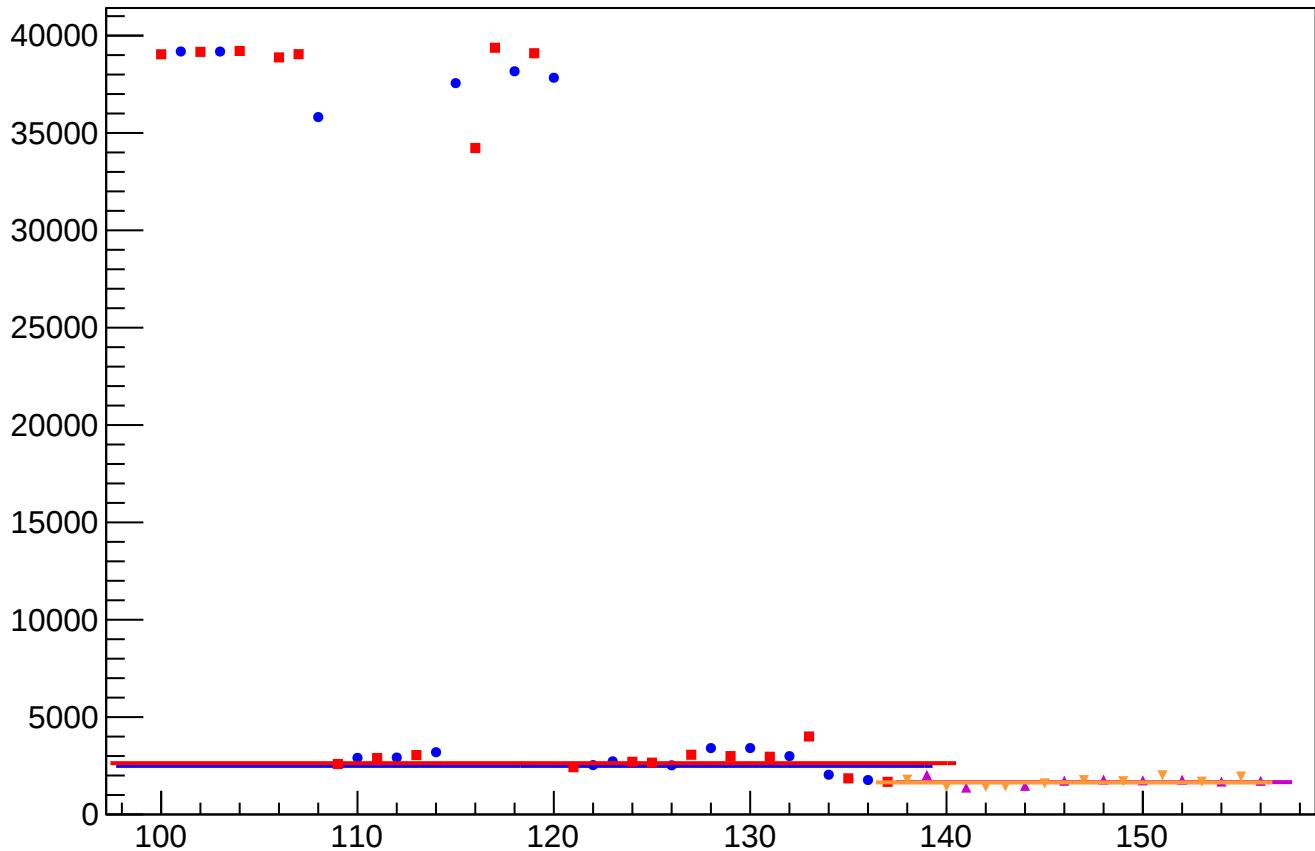
Left In: 0.179 $\pm$ 0.619 χ^2/NDF : 11.4/8

-1.869 $\pm$ 0.547 χ^2/NDF : 39.3/26

-0.658 $\pm$ 0.389 χ^2/NDF : 81.6/55

0.586 $\pm$ 0.554 χ^2/NDF : 32.3/28

diff_bpm1p03aX_rms vs Slug, Sign Corrected



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

Left Out: 1646.643 ± 0.433 $\chi^2/\text{NDF}: 201826.0/9$

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

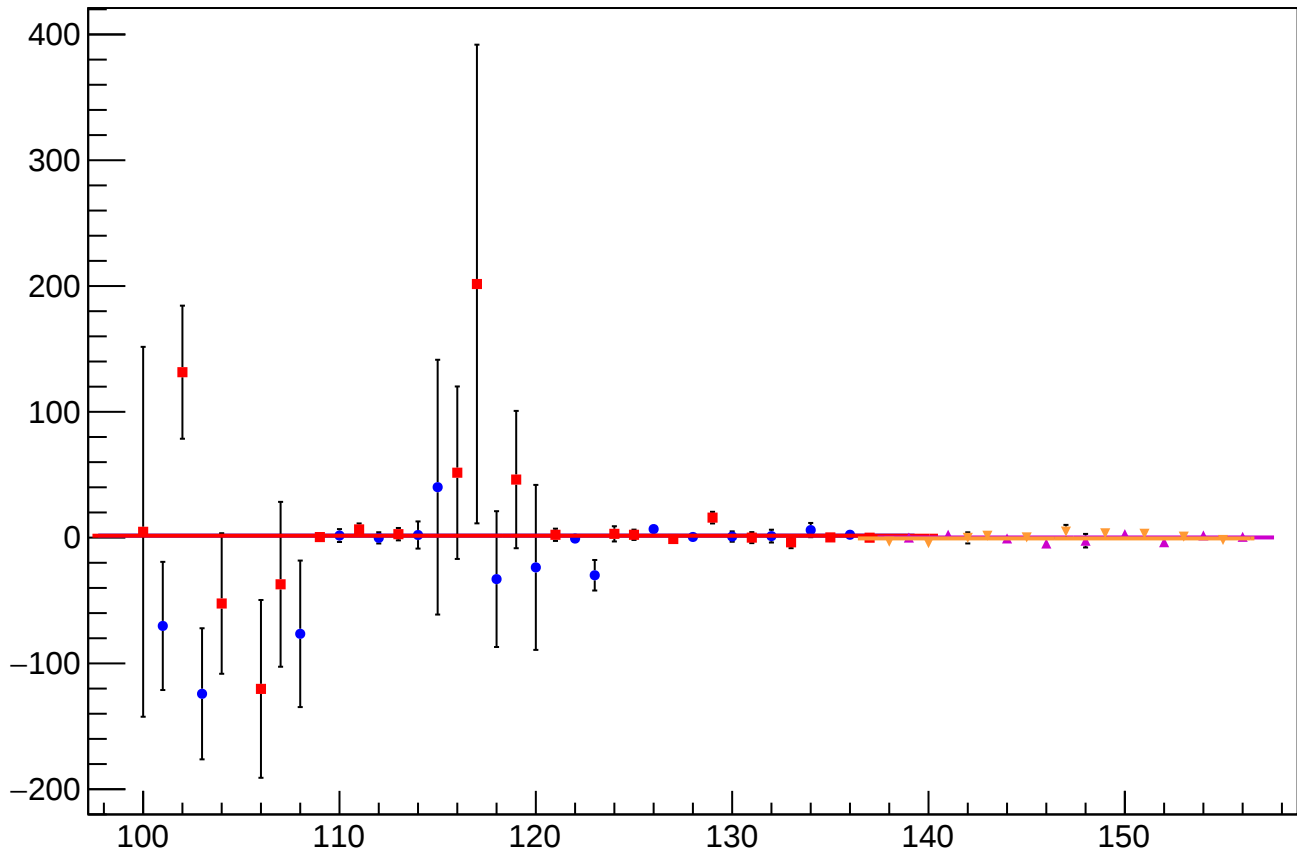
Left In: 1661.307 ± 0.438 $\chi^2/\text{NDF}: 169339.0/8$

1818.047 ± 0.387 $\chi^2/\text{NDF}: 5859852.4/26$

1835.838 ± 0.275 $\chi^2/\text{NDF}: 11948831.3/5$

1854.102 ± 0.392 $\chi^2/\text{NDF}: 6084694.4/28$

diff_bpm1p03aY_mean vs Slug, Sign Corrected



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

Left Out: -0.636+/-0.836 χ^2/NDF : 9.4/9

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

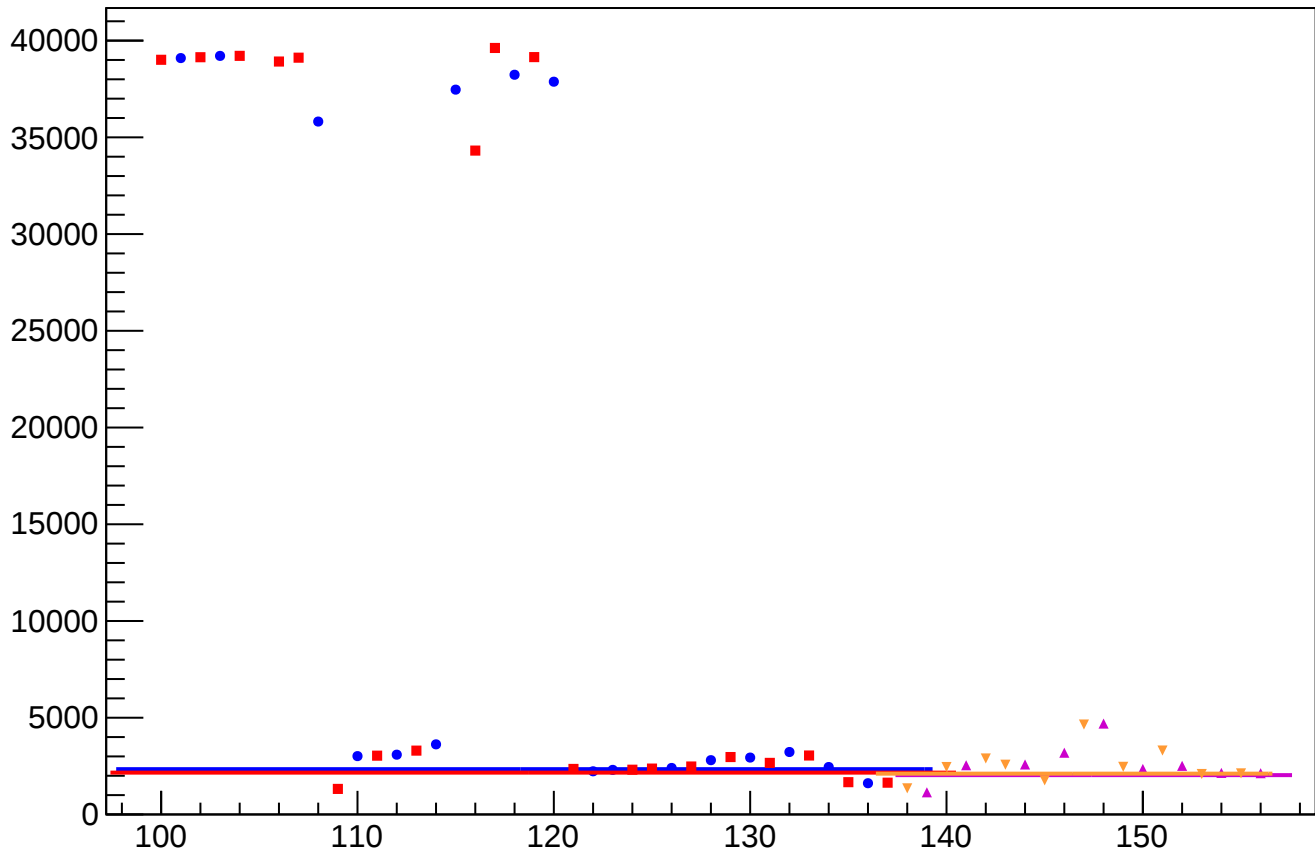
Left In: 0.136+/-0.814 χ^2/NDF : 6.0/8

0.135+/-0.675 χ^2/NDF : 32.2/26

0.405+/-0.467 χ^2/NDF : 65.7/55

0.652+/-0.646 χ^2/NDF : 33.2/28

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

Left Out: 2109.191+/-0.591 χ^2/NDF : 1254687.5/9

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

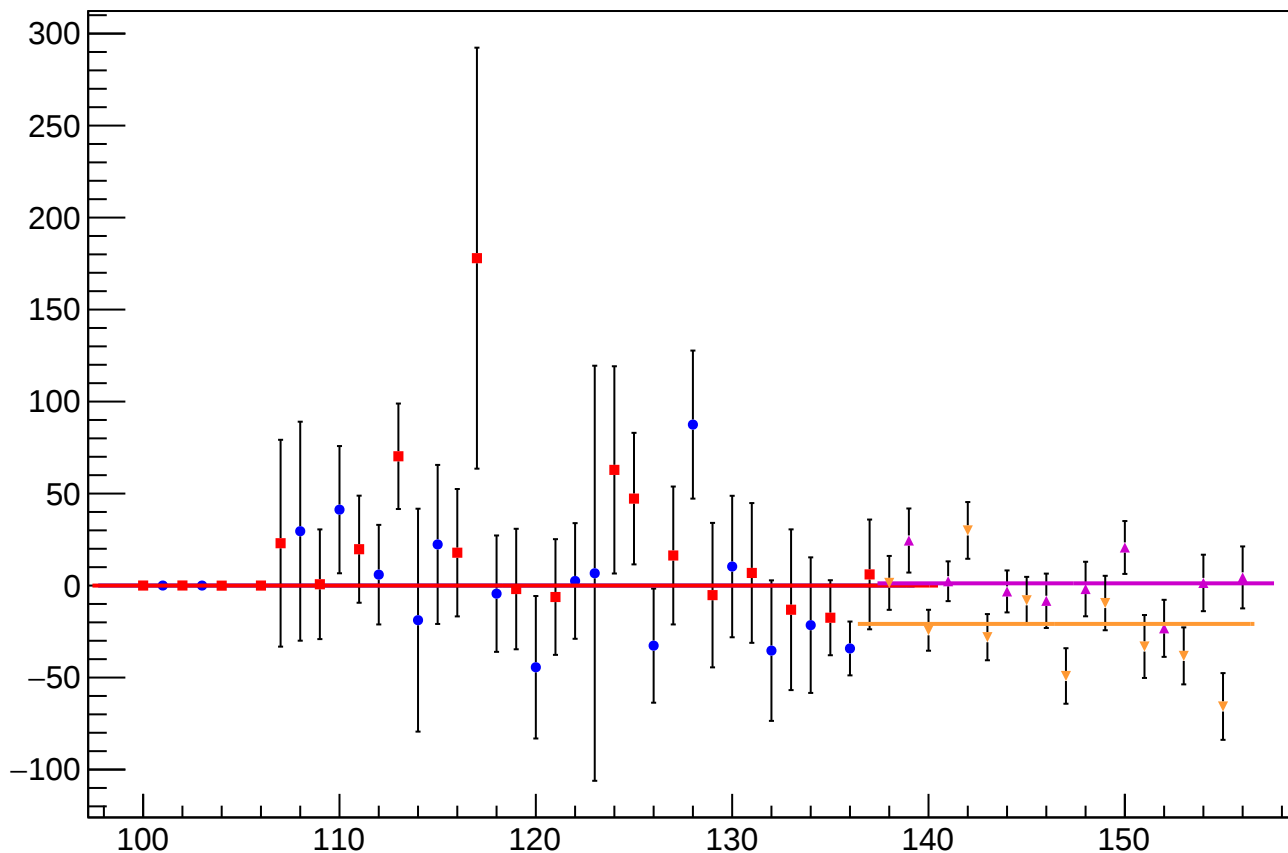
Left In: 2032.700+/-0.575 χ^2/NDF : 1745637.6/8

2190.047+/-0.477 χ^2/NDF : 6315200.8/26

2132.937+/-0.330 χ^2/NDF : 13483626.8/5

2080.629+/-0.457 χ^2/NDF : 7140982.9/28

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2/NDF : 16.2/16

Left Out: -20.840 $\pm$ 4.515 χ^2/NDF : 26.6/9

Right Out: -0.003 $\pm$ 0.016 χ^2/NDF : 18.3/19

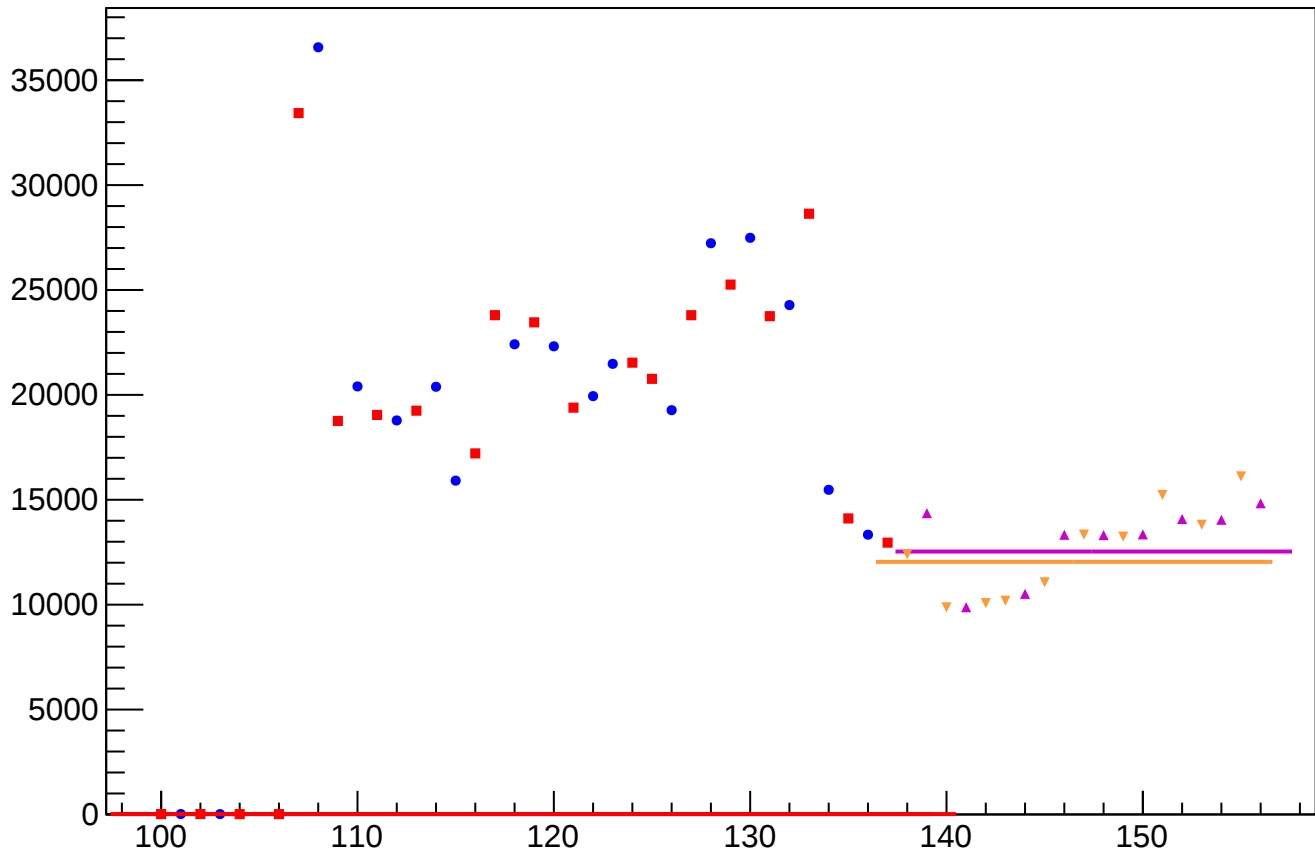
Left In: 1.213 $\pm$ 4.690 χ^2/NDF : 6.8/8

0.013 $\pm$ 0.017 χ^2/NDF : 64.1/26

0.004 $\pm$ 0.012 χ^2/NDF : 89.7/55

-0.003 $\pm$ 0.016 χ^2/NDF : 25.1/28

diff_cav4bX_rms vs Slug, Sign Corrected



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

Left Out: 12039.522 ± 3.193 χ^2/NDF : 389554.8/9

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

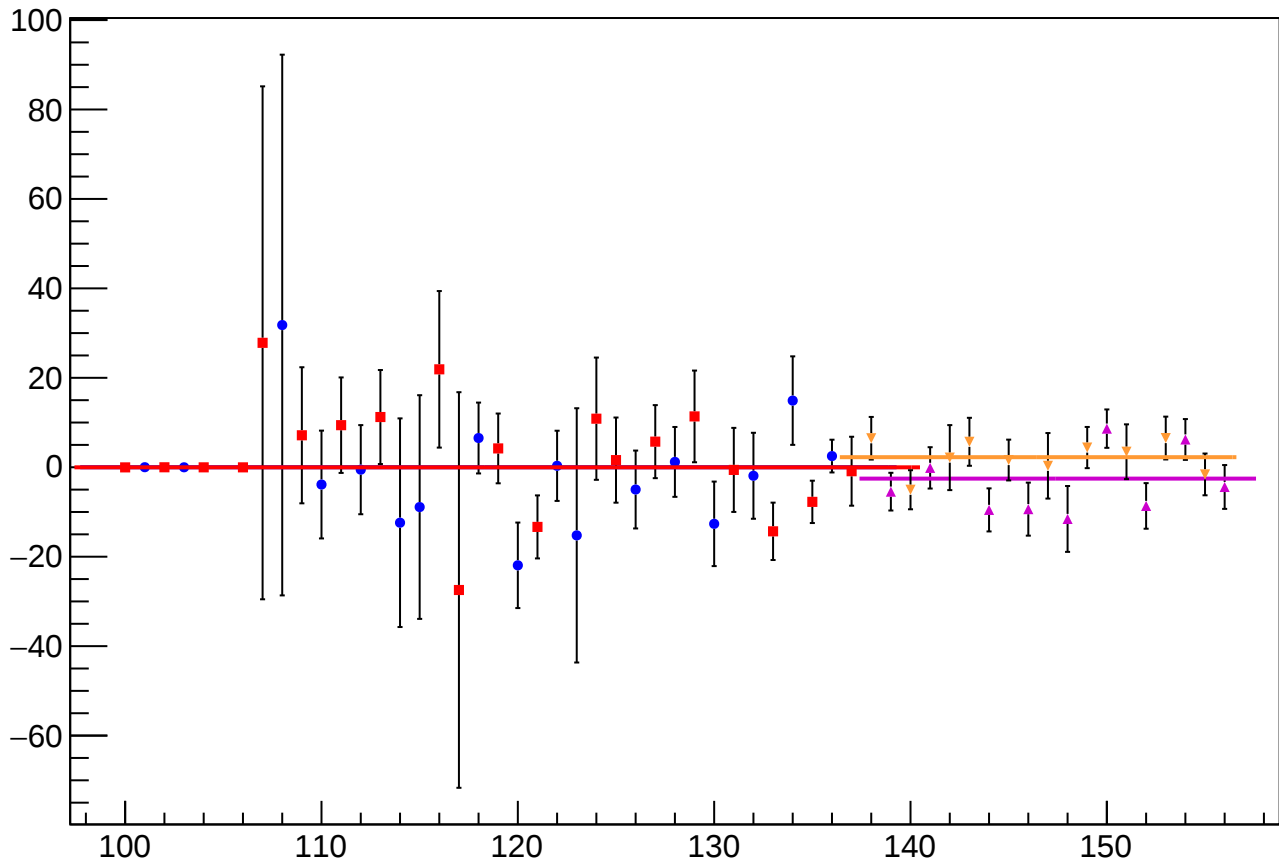
Left In: 12532.642 ± 3.317 χ^2/NDF : 299985.3/8

18.819 ± 0.012 χ^2/NDF : 25549024.6/26

18.625 ± 0.008 χ^2/NDF : 51283175.0/55

18.459 ± 0.011 χ^2/NDF : 25733686.5/28

diff_cav4bY_mean vs Slug, Sign Corrected



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

Left Out: 2.254 $\pm$ 1.622 χ^2/NDF : 5.8/9

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

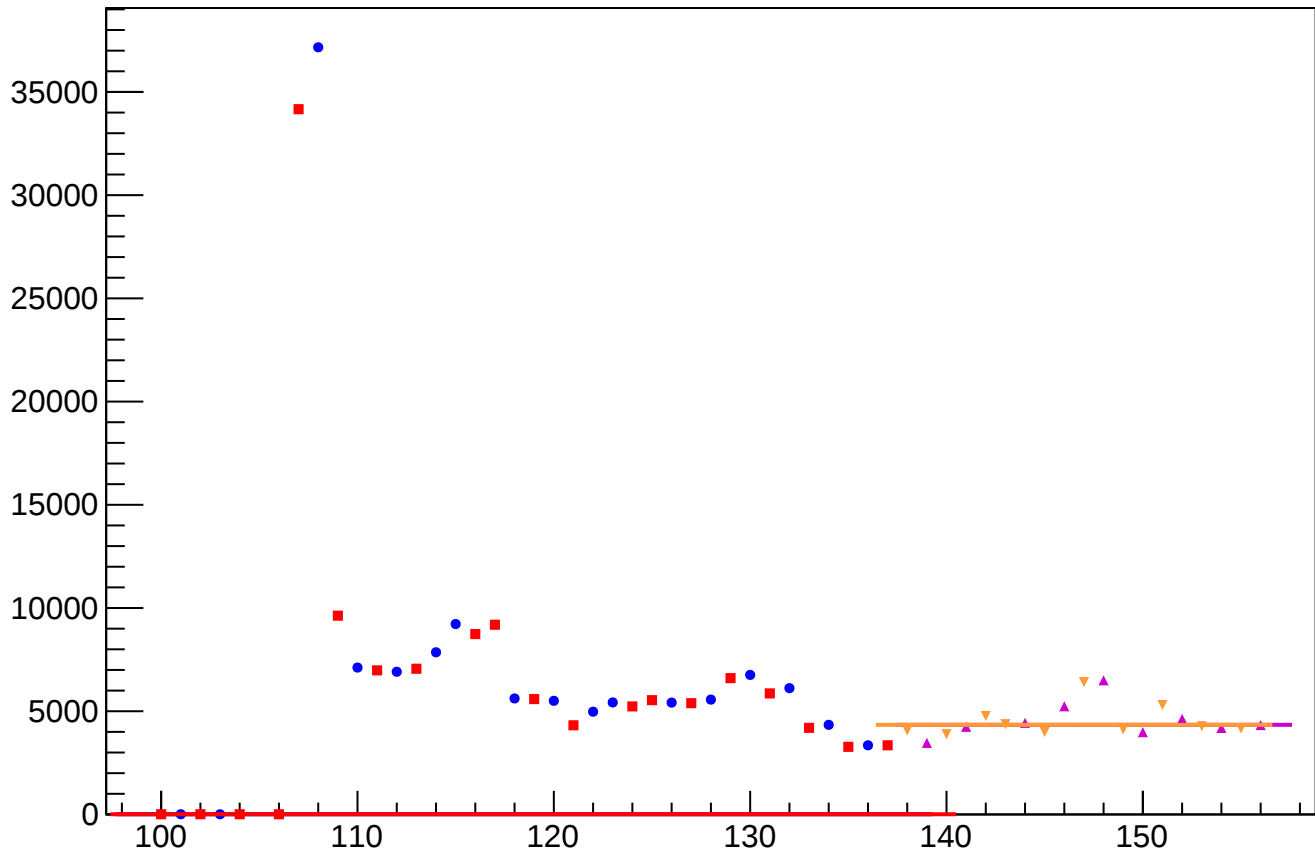
Left In: -2.538 $\pm$ 1.632 χ^2/NDF : 17.7/8

0.001 $\pm$ 0.009 χ^2/NDF : 20.8/26

-0.007 $\pm$ 0.006 χ^2/NDF : 61.3/55

-0.014 $\pm$ 0.009 χ^2/NDF : 39.1/28

diff_cav4bY_rms vs Slug, Sign Corrected



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

Left Out: 4340.195+/-1.147 χ^2/NDF : 262913.9/9

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

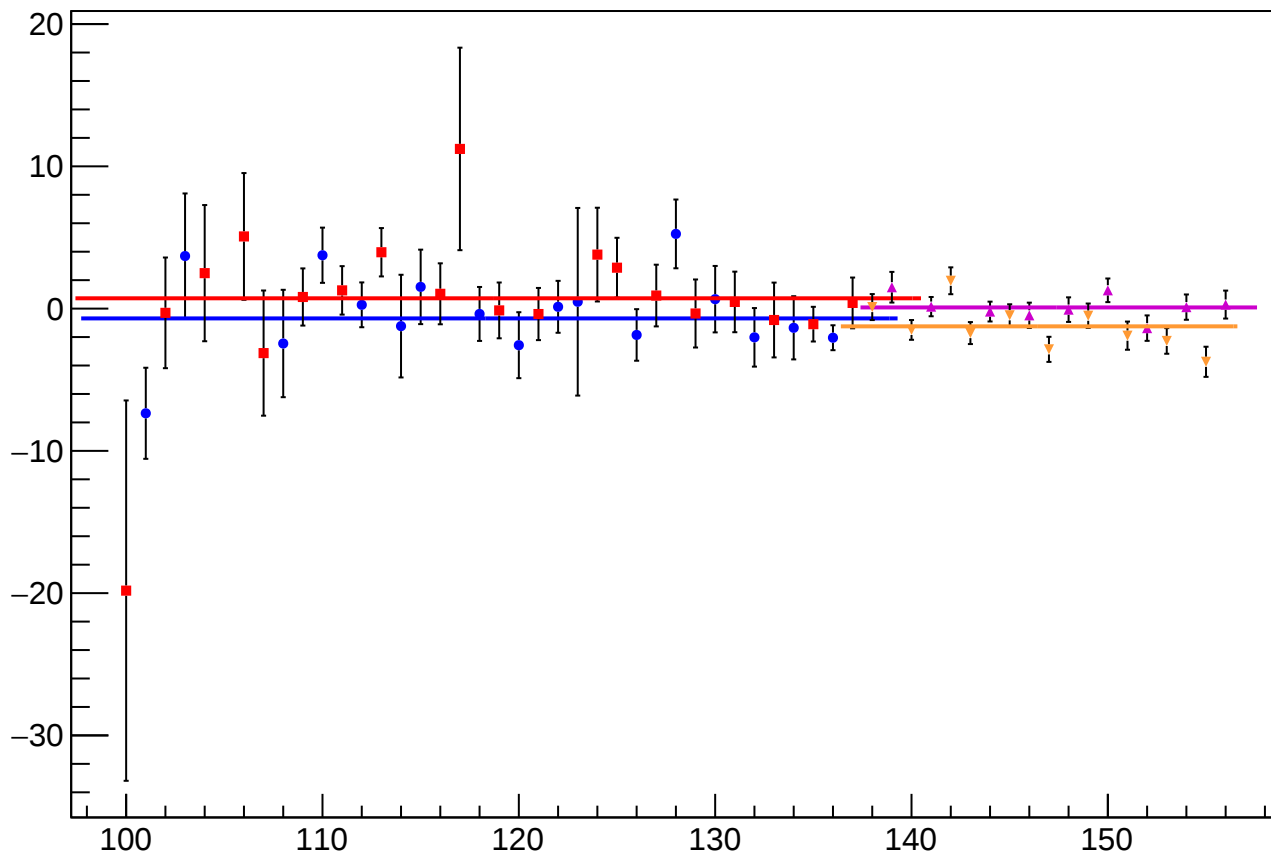
Left In: 4341.395+/-1.154 χ^2/NDF : 327240.2/8

10.078+/-0.007 χ^2/NDF : 25627601.9/26

10.024+/-0.004 χ^2/NDF : 51290307.8/55

9.976+/-0.006 χ^2/NDF : 25662575.6/28

diff_cav4cX_mean vs Slug, Sign Corrected



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

Left Out: -1.247 ± 0.272 $\chi^2/\text{NDF}: 26.6/9$

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

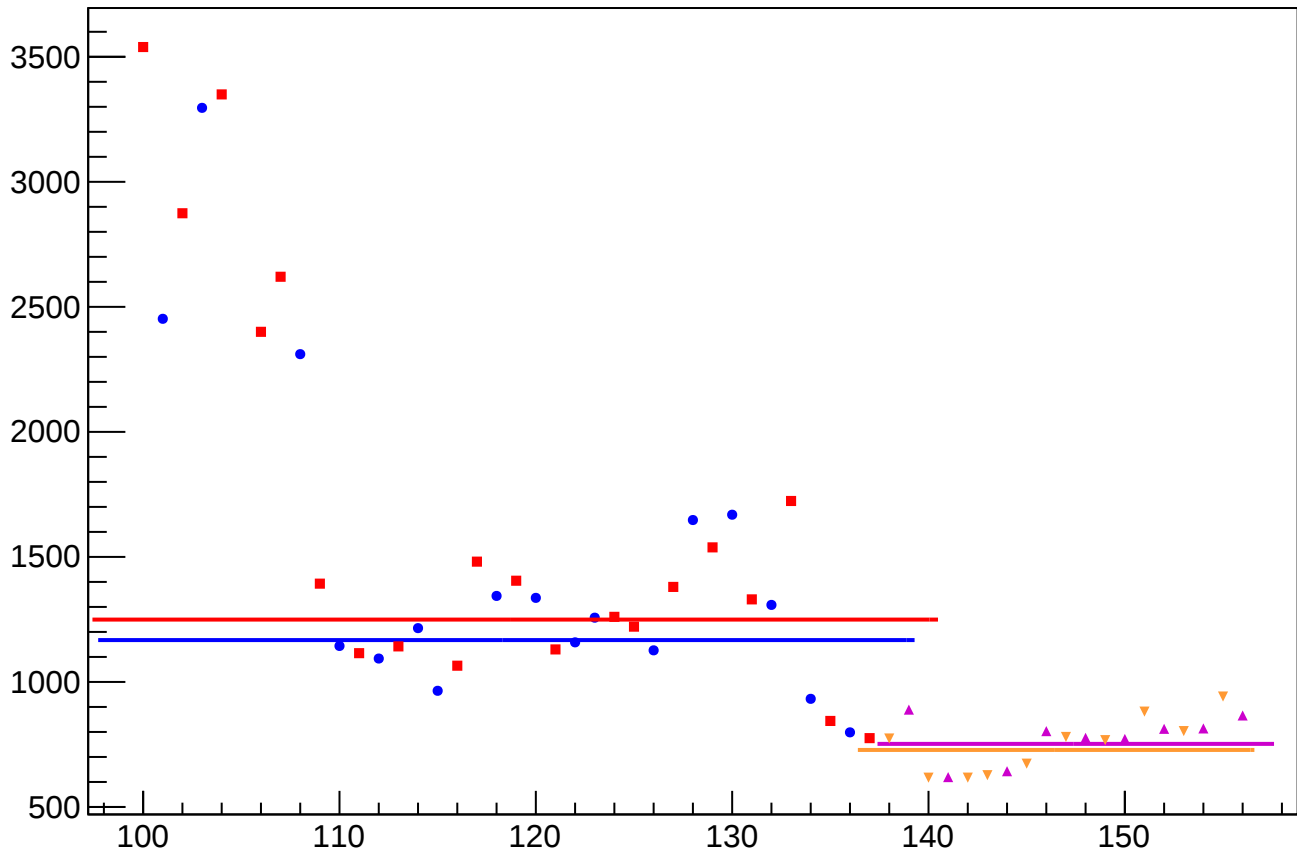
Left In: 0.083 ± 0.281 $\chi^2/\text{NDF}: 7.1/8$

-1.113 ± 0.237 $\chi^2/\text{NDF}: 50.2/26$

-0.460 ± 0.170 $\chi^2/\text{NDF}: 89.7/55$

0.237 ± 0.245 $\chi^2/\text{NDF}: 23.9/28$

diff_cav4cX_rms vs Slug, Sign Corrected



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

Left Out: 728.071 $\pm$ 0.192 χ^2 /NDF: 281963.0/9

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

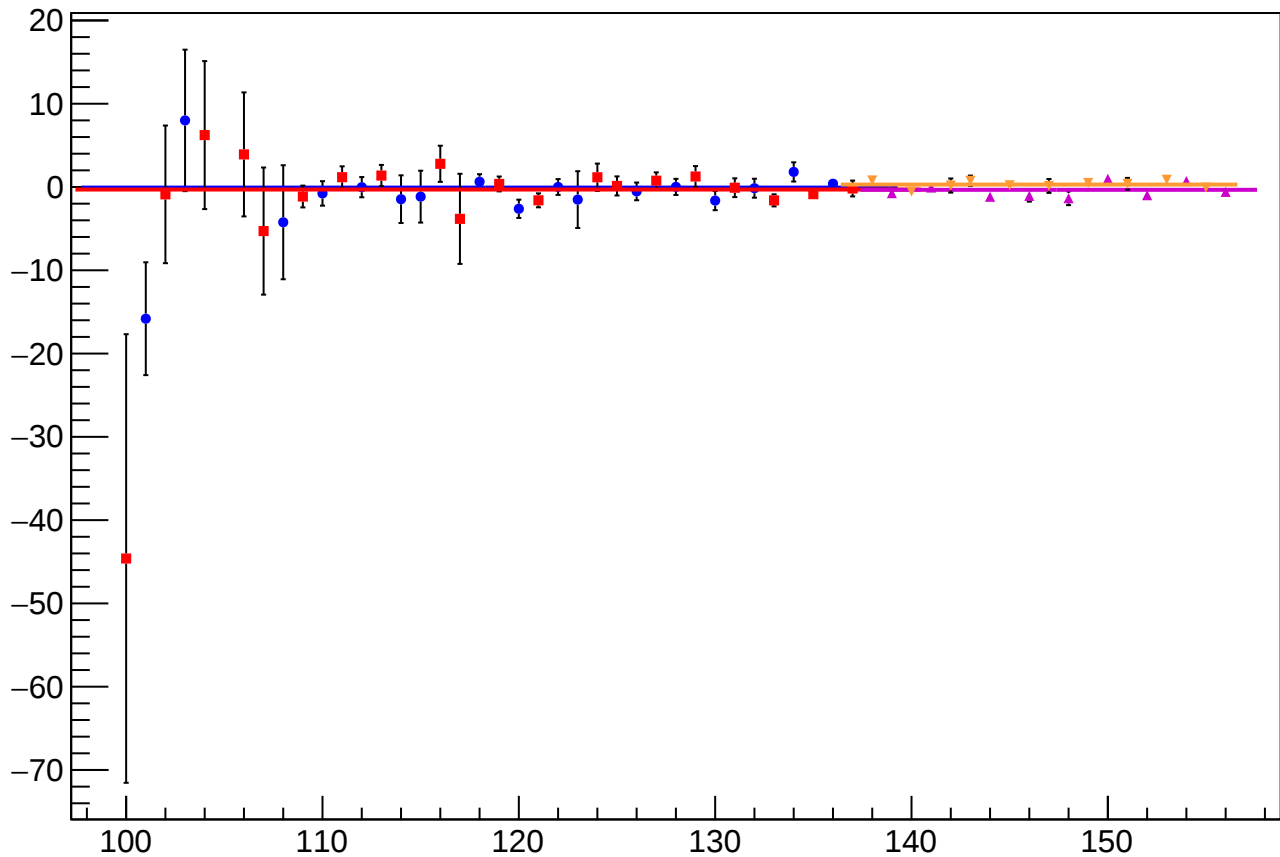
Left In: 752.311 $\pm$ 0.198 χ^2 /NDF: 213223.3/8

834.017 $\pm$ 0.167 χ^2 /NDF: 3119714.5/26

852.184 $\pm$ 0.120 χ^2 /NDF: 6519217.7/55

871.567 $\pm$ 0.173 χ^2 /NDF: 3375179.2/28

diff_cav4cY_mean vs Slug, Sign Corrected



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

Left Out: 0.294 ± 0.192 χ^2/NDF : 5.6/9

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

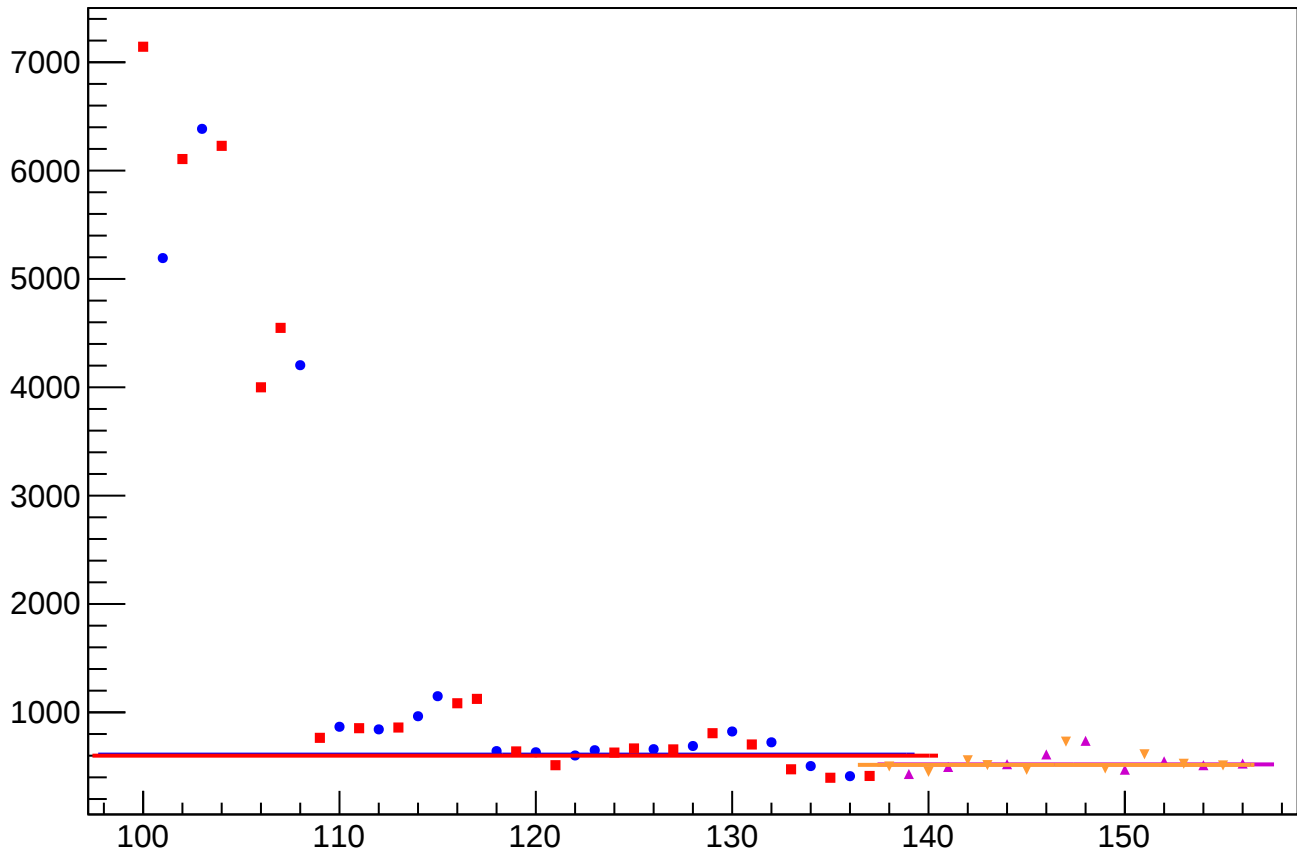
Left In: -0.338 ± 0.195 χ^2/NDF : 17.3/8

0.170 ± 0.156 χ^2/NDF : 26.0/26

-0.077 ± 0.111 χ^2/NDF : 69.0/55

-0.325 ± 0.157 χ^2/NDF : 38.0/28

diff_cav4cY_rms vs Slug, Sign Corrected



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

Left Out: 515.195 $\pm$ 0.136 χ^2 /NDF: 232814.6/9

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

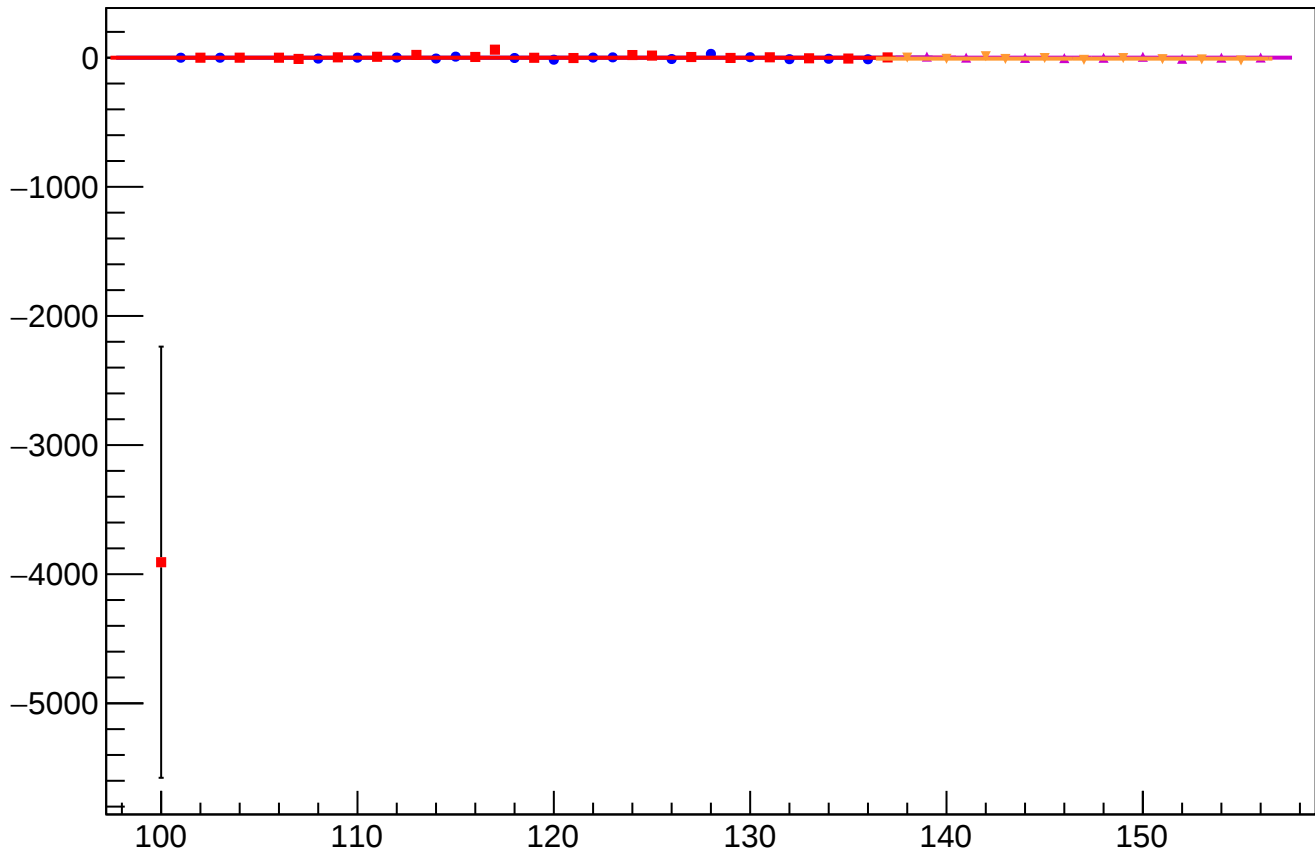
Left In: 519.525 $\pm$ 0.138 χ^2 /NDF: 256450.5/8

547.225 $\pm$ 0.111 χ^2 /NDF: 3532837.4/26

547.623 $\pm$ 0.078 χ^2 /NDF: 7481915.8/55

548.022 $\pm$ 0.111 χ^2 /NDF: 3949052.3/28

diff_cav4dX_mean vs Slug, Sign Corrected



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

Left Out: -7.189 ± 1.579 χ^2/NDF : 26.7/9

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

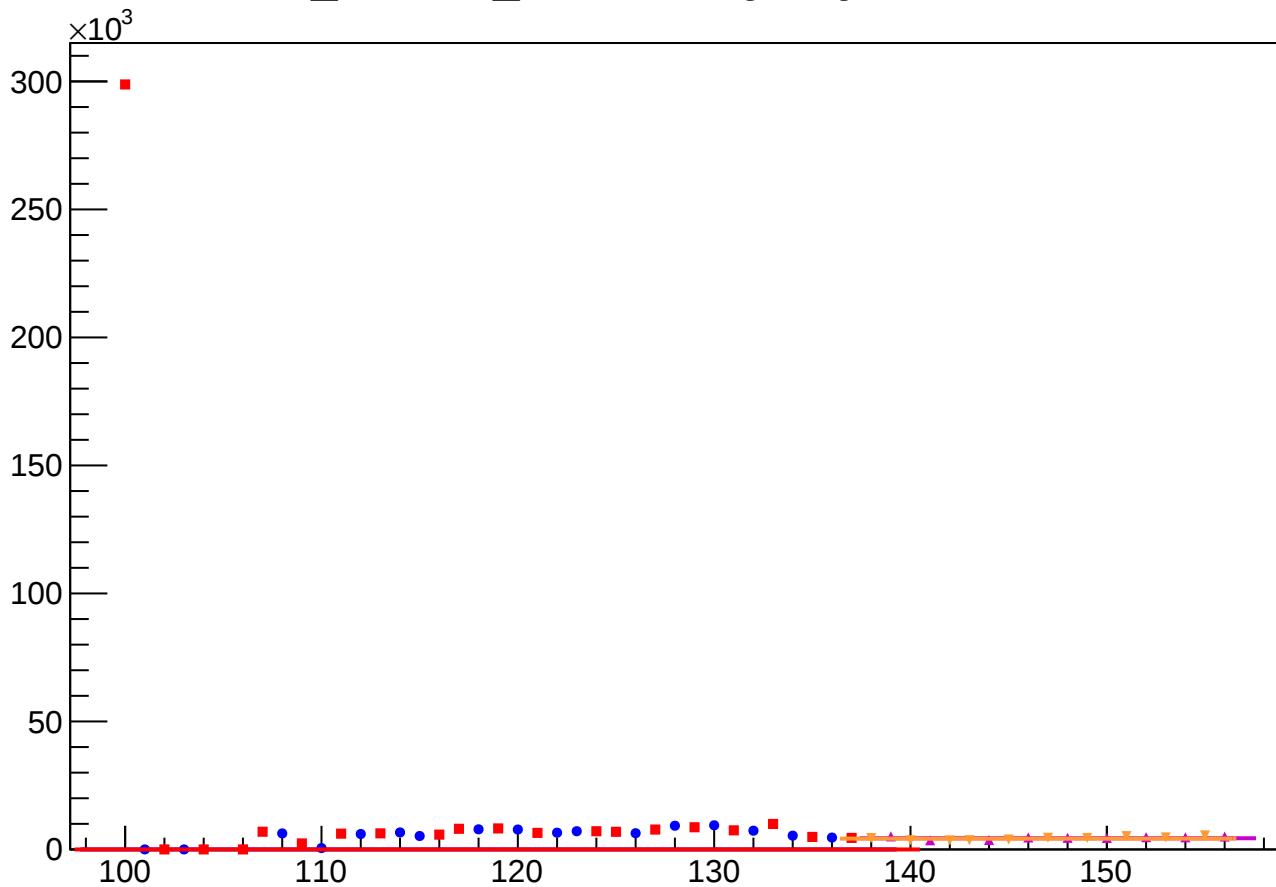
Left In: 0.478 ± 1.634 χ^2/NDF : 7.1/8

-0.023 ± 0.021 χ^2/NDF : 62.9/26

0.003 ± 0.014 χ^2/NDF : 93.5/55

0.027 ± 0.020 χ^2/NDF : 27.6/28

diff_cav4dX_rms vs Slug, Sign Corrected



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

Left Out: 4224.316 $\pm$ 1.116 χ^2/NDF : 302823.8/9

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

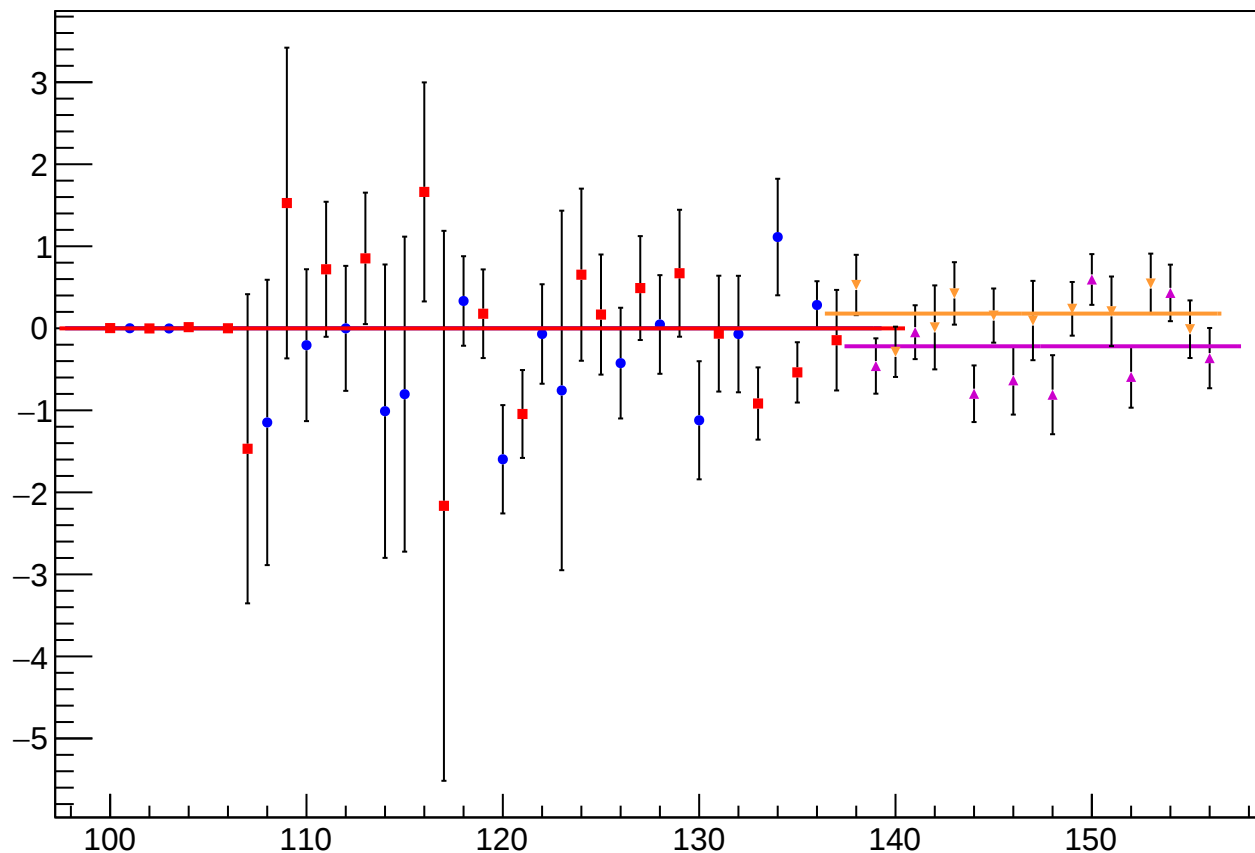
Left In: 4379.423 $\pm$ 1.156 χ^2/NDF : 226002.7/8

18.070 $\pm$ 0.015 χ^2/NDF : 25003228.9/26

17.986 $\pm$ 0.010 χ^2/NDF : 50384415.4/55

17.910 $\pm$ 0.014 χ^2/NDF : 25381123.6/28

diff_cav4dY_mean vs Slug, Sign Corrected



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

Left Out: 0.179 $\pm$ 0.117 χ^2/NDF : 5.1/9

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

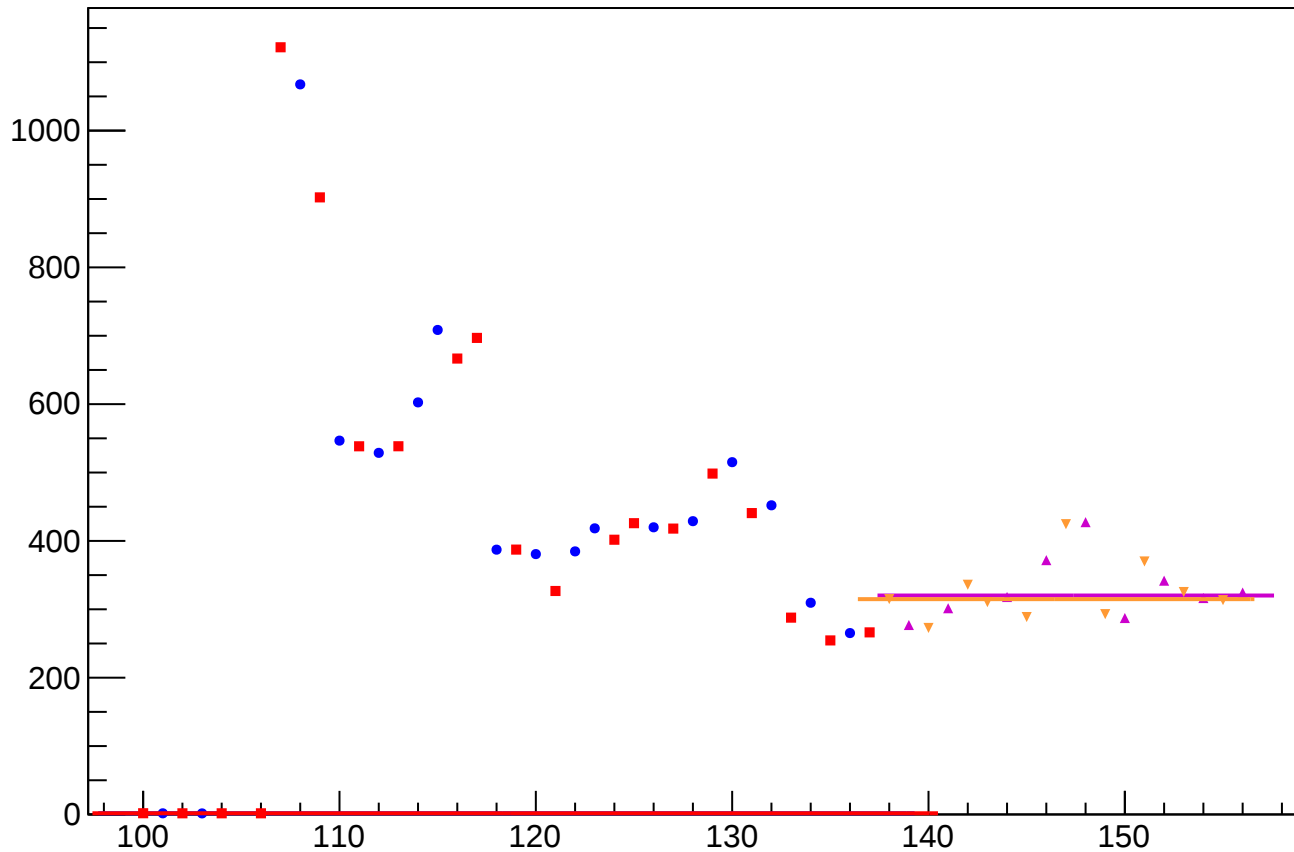
Left In: -0.219 $\pm$ 0.120 χ^2/NDF : 17.7/8

0.000 $\pm$ 0.002 χ^2/NDF : 21.2/26

-0.000 $\pm$ 0.001 χ^2/NDF : 60.8/55

-0.001 $\pm$ 0.002 χ^2/NDF : 39.4/28

diff_cav4dY_rms vs Slug, Sign Corrected



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

Left Out: 314.847+/-0.083 χ^2/NDF : 201102.9/9

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

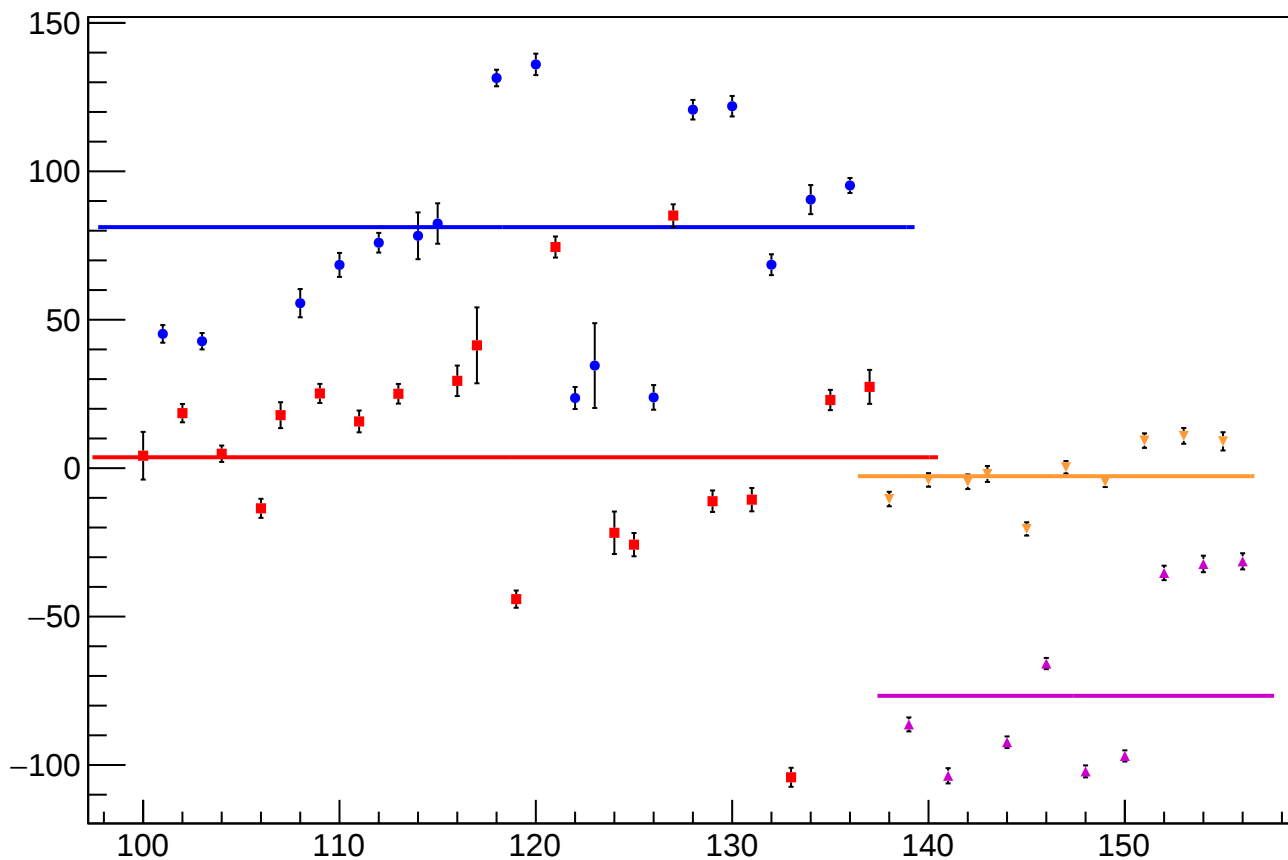
Left In: 320.148+/-0.085 χ^2/NDF : 198690.7/8

1.793+/-0.001 χ^2/NDF : 25510801.1/26

1.803+/-0.001 χ^2/NDF : 50698478.6/55

1.812+/-0.001 χ^2/NDF : 25187579.0/28

diff_bpm0i01X_mean vs Slug, Sign Corrected



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

Left Out: -2.708+/-0.744 χ^2/NDF : 141.8/9

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

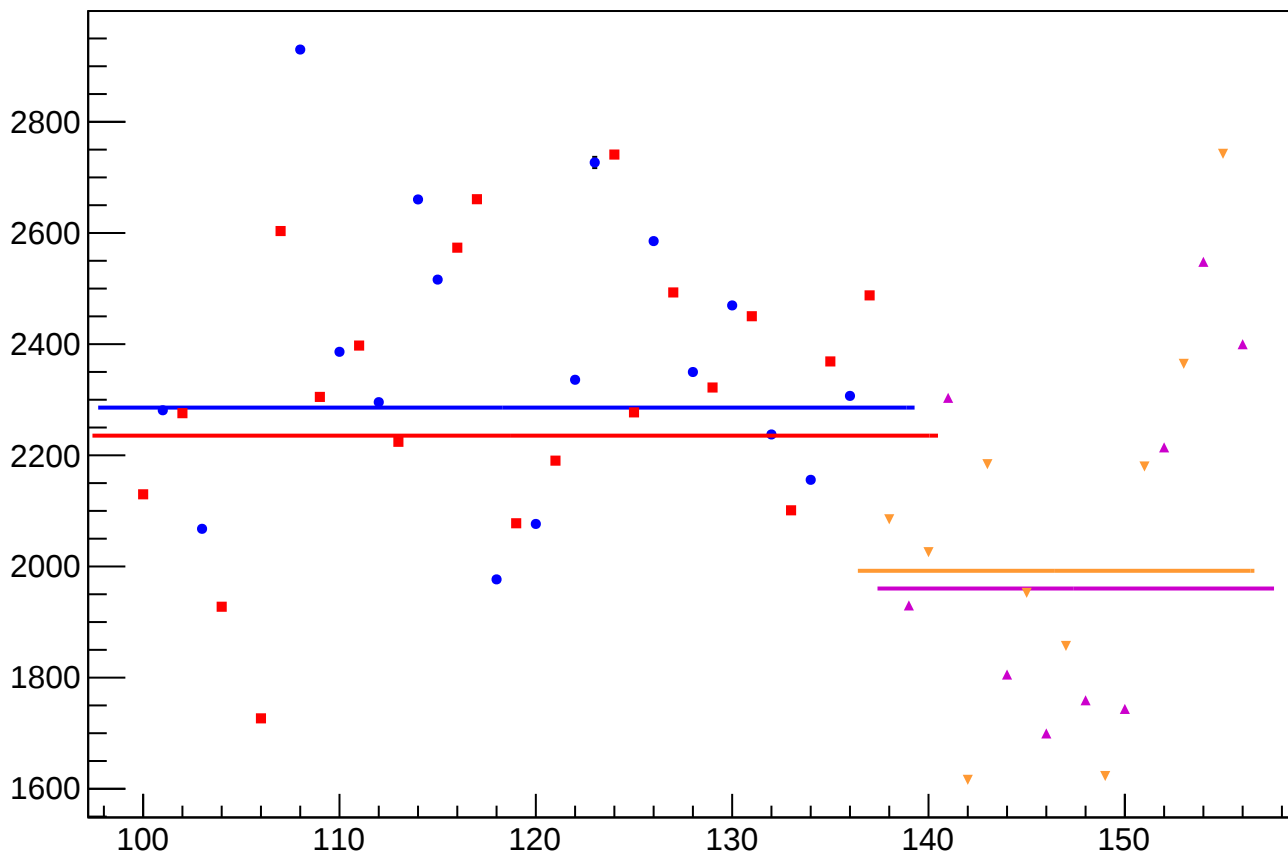
Left In: -76.693+/-0.738 χ^2/NDF : 1318.8/8

32.027+/-0.570 χ^2/NDF : 7111.5/26

-5.818+/-0.398 χ^2/NDF : 24787.7/55

-41.692+/-0.555 χ^2/NDF : 9084.8/28

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

Left Out: 1992.223 +/- 0.526 χ^2/NDF : 321687.9/9

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

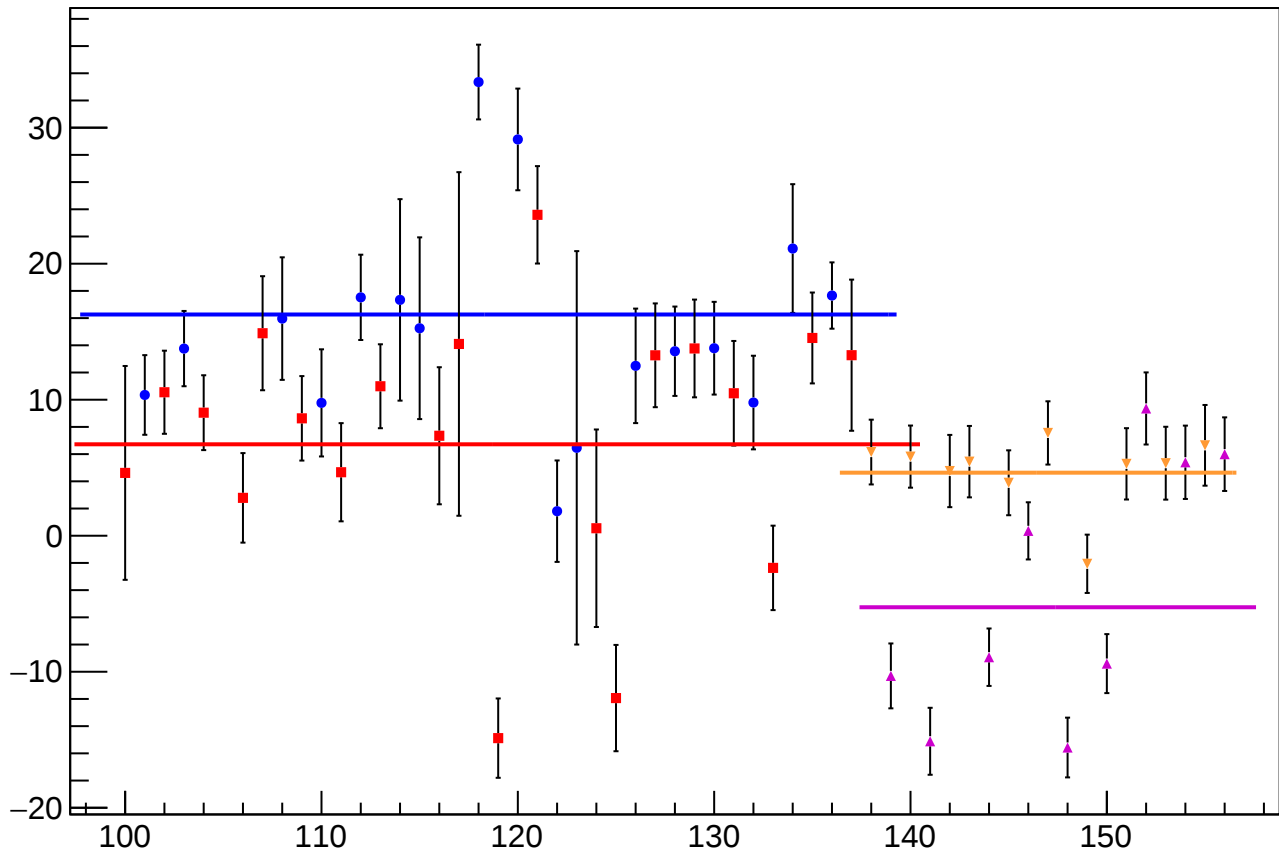
Left In: 1960.334 +/- 0.522 χ^2/NDF : 296168.5/8

2113.775 +/- 0.403 χ^2/NDF : 559849.9/26

2096.503 +/- 0.281 χ^2/NDF : 1129520.1/55

2080.131 +/- 0.392 χ^2/NDF : 566091.3/28

diff_bpm0i01Y_mean vs Slug, Sign Corrected



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

Left Out: 4.636 $\pm$ 0.783 χ^2/NDF : 12.8/9

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

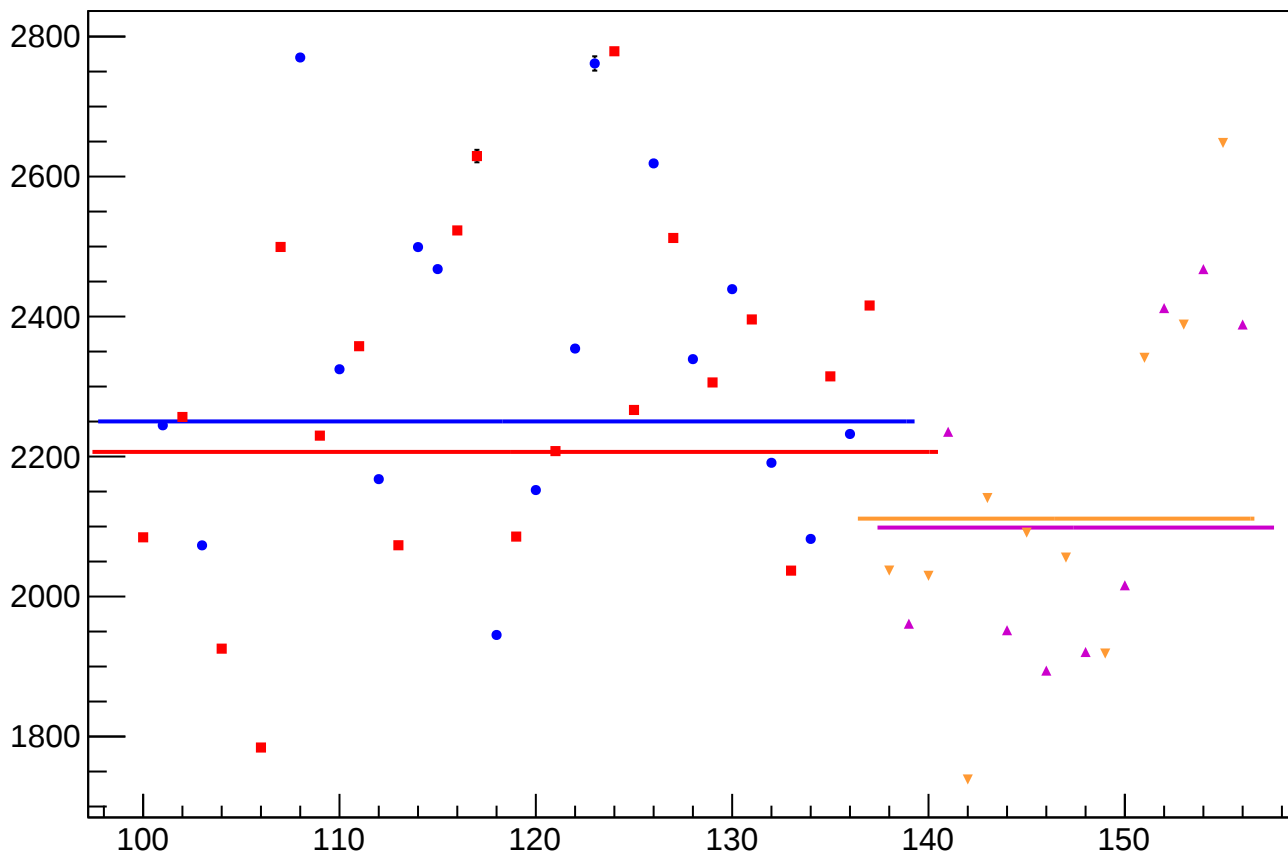
Left In: -5.258 $\pm$ 0.784 χ^2/NDF : 119.7/8

9.829 $\pm$ 0.582 χ^2/NDF : 192.1/26

5.007 $\pm$ 0.407 χ^2/NDF : 690.5/55

0.396 $\pm$ 0.570 χ^2/NDF : 364.3/28

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

Left Out: 2111.294+/-0.554 χ^2/NDF : 163814.2/9

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

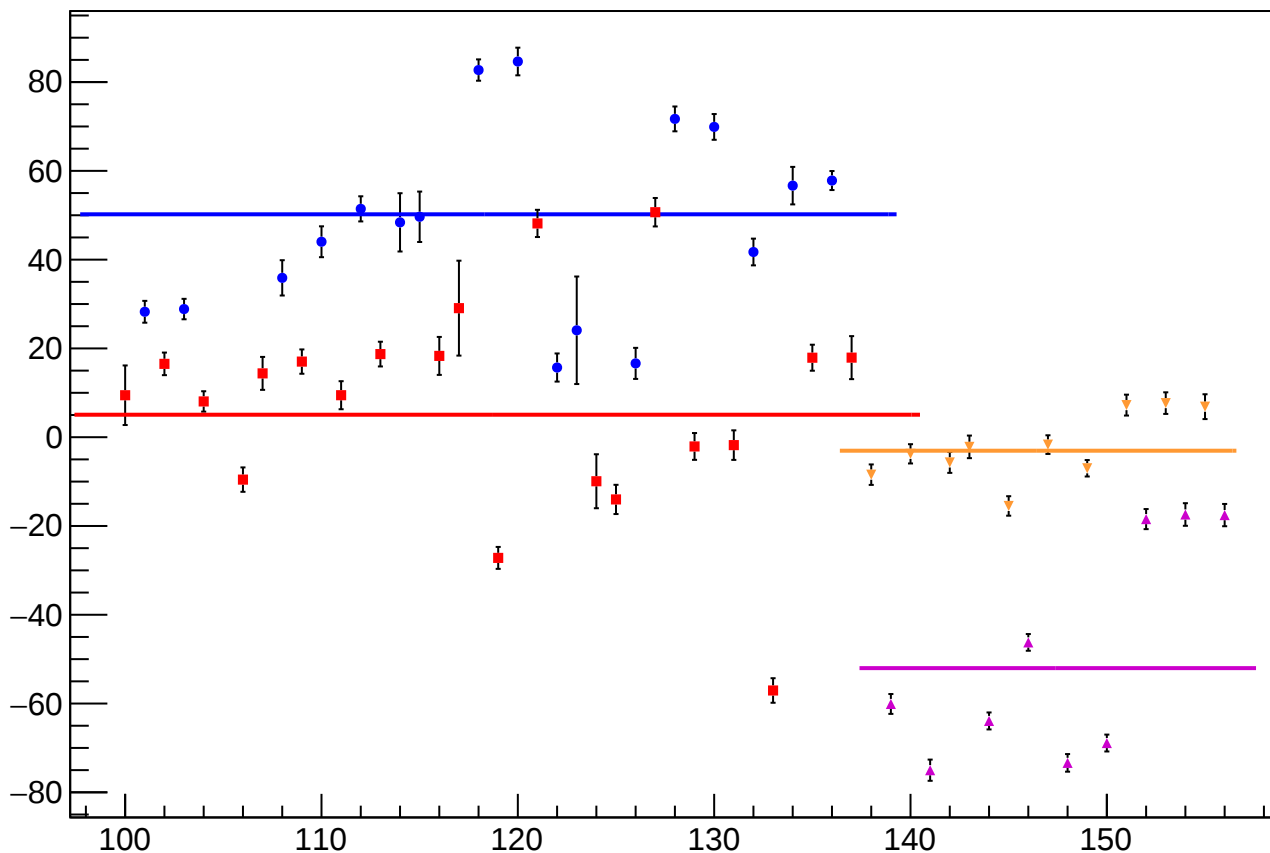
Left In: 2098.522+/-0.554 χ^2/NDF : 145861.0/8

2173.316+/-0.412 χ^2/NDF : 289500.1/26

2161.163+/-0.288 χ^2/NDF : 583497.7/55

2149.541+/-0.403 χ^2/NDF : 292293.9/28

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left Out: -3.043 ± 0.718 χ^2/NDF : 95.1/9

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

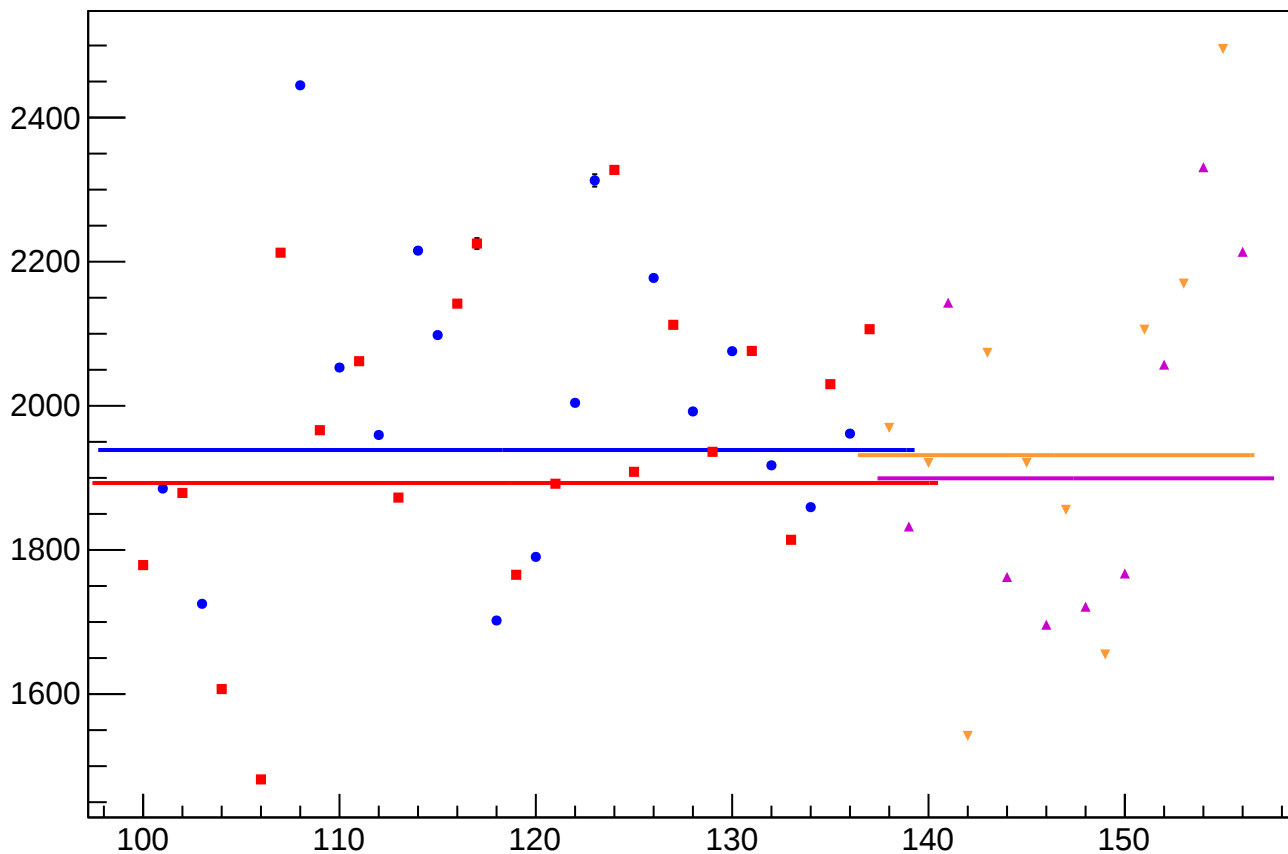
Left In: -52.022 ± 0.712 χ^2/NDF : 941.9/8

22.411 ± 0.519 χ^2/NDF : 3552.5/26

-1.216 ± 0.361 χ^2/NDF : 12997.3/55

-23.453 ± 0.504 χ^2/NDF : 5422.6/28

diff_bpm0i01aX_rms vs Slug, Sign Corrected



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

Left Out: 1931.567+/-0.508 χ^2/NDF : 220131.2/9

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

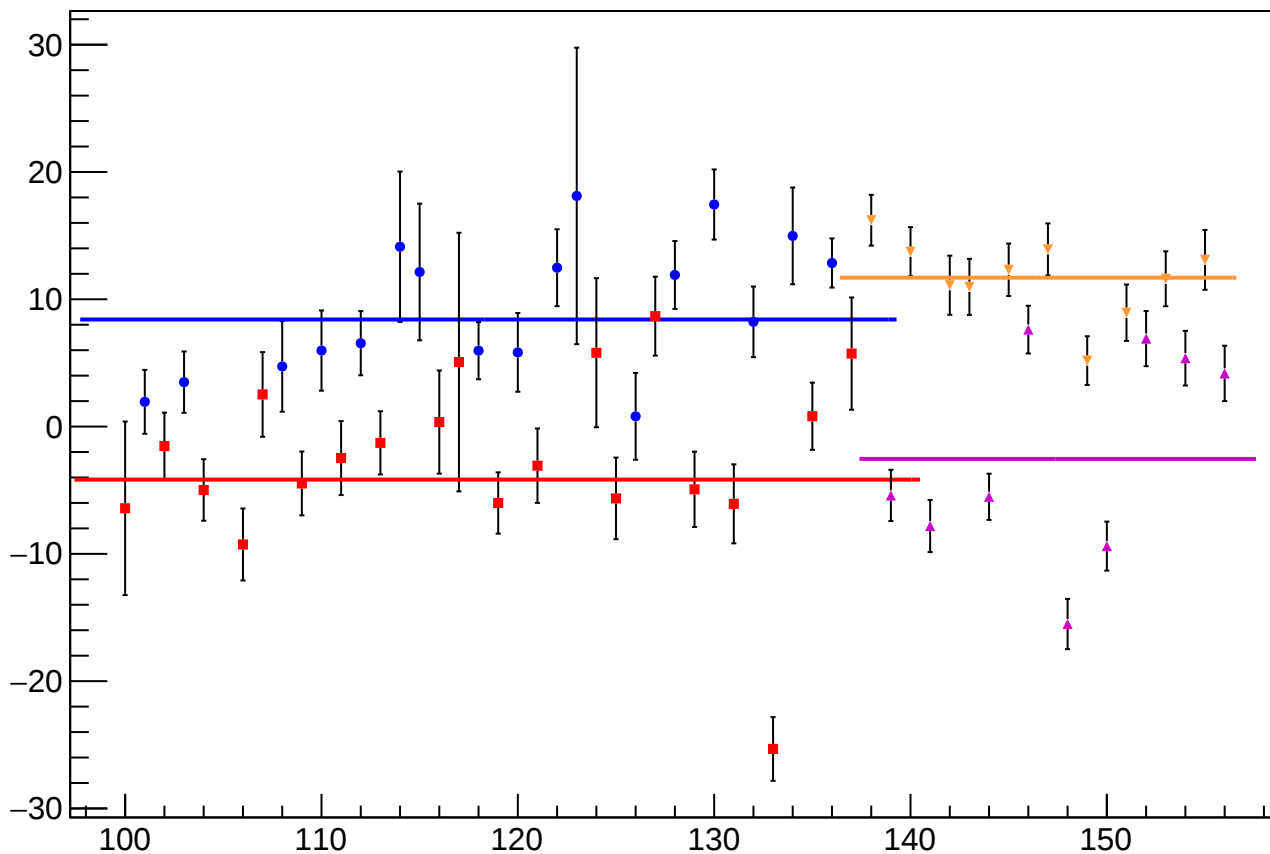
Left In: 1899.405+/-0.504 χ^2/NDF : 180495.0/8

1934.971+/-0.367 χ^2/NDF : 320368.3/26

1914.984+/-0.256 χ^2/NDF : 655265.5/55

1896.173+/-0.356 χ^2/NDF : 329140.5/28

diff_bpm0i01aY_mean vs Slug, Sign Corrected



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

Left Out: 11.695 $\pm$ 0.665 χ^2/NDF : 21.2/9

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

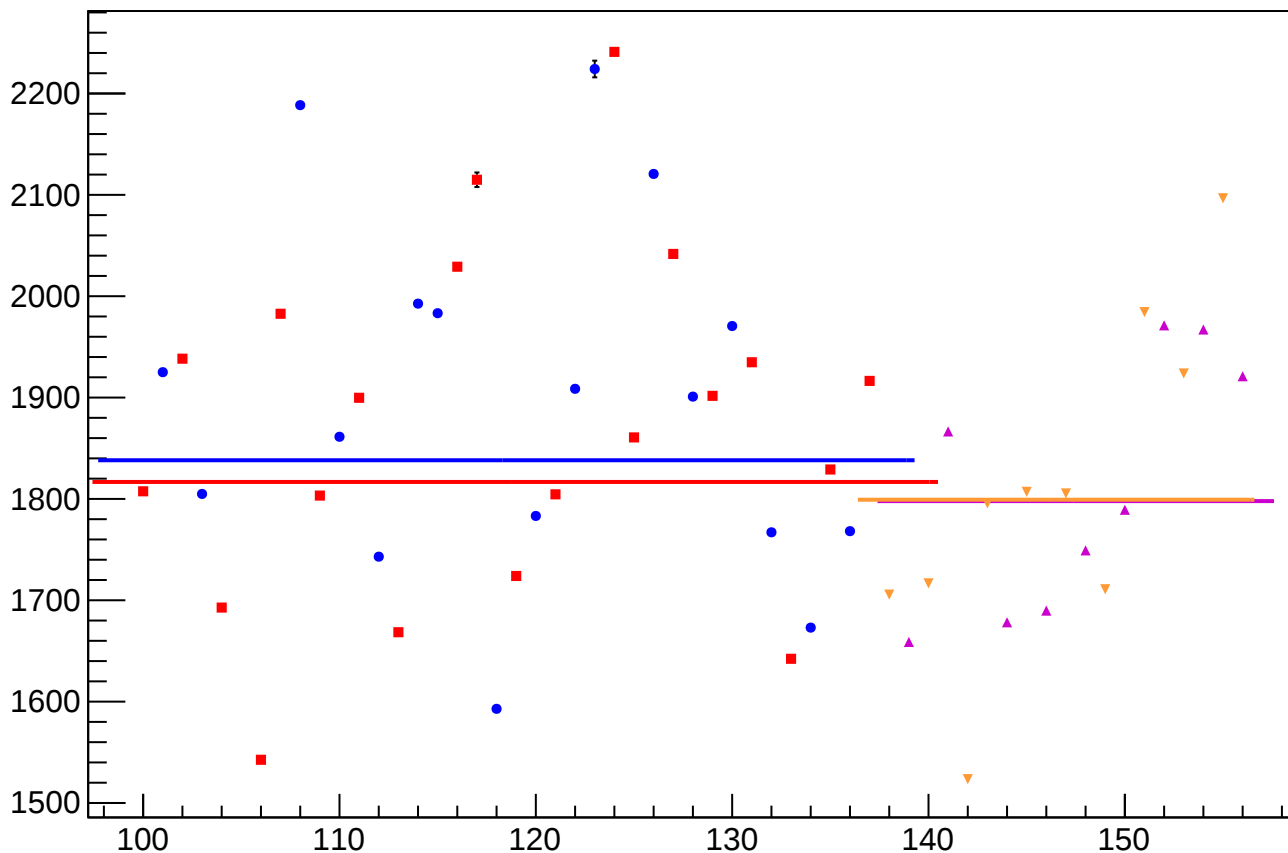
Left In: -2.539 $\pm$ 0.668 χ^2/NDF : 138.7/8

10.163 $\pm$ 0.486 χ^2/NDF : 77.2/26

3.288 $\pm$ 0.340 χ^2/NDF : 726.1/55

-3.337 $\pm$ 0.477 χ^2/NDF : 255.5/28

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

Left Out: 1799.215 $\pm$ 0.470 χ^2/NDF : 93265.4/9

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

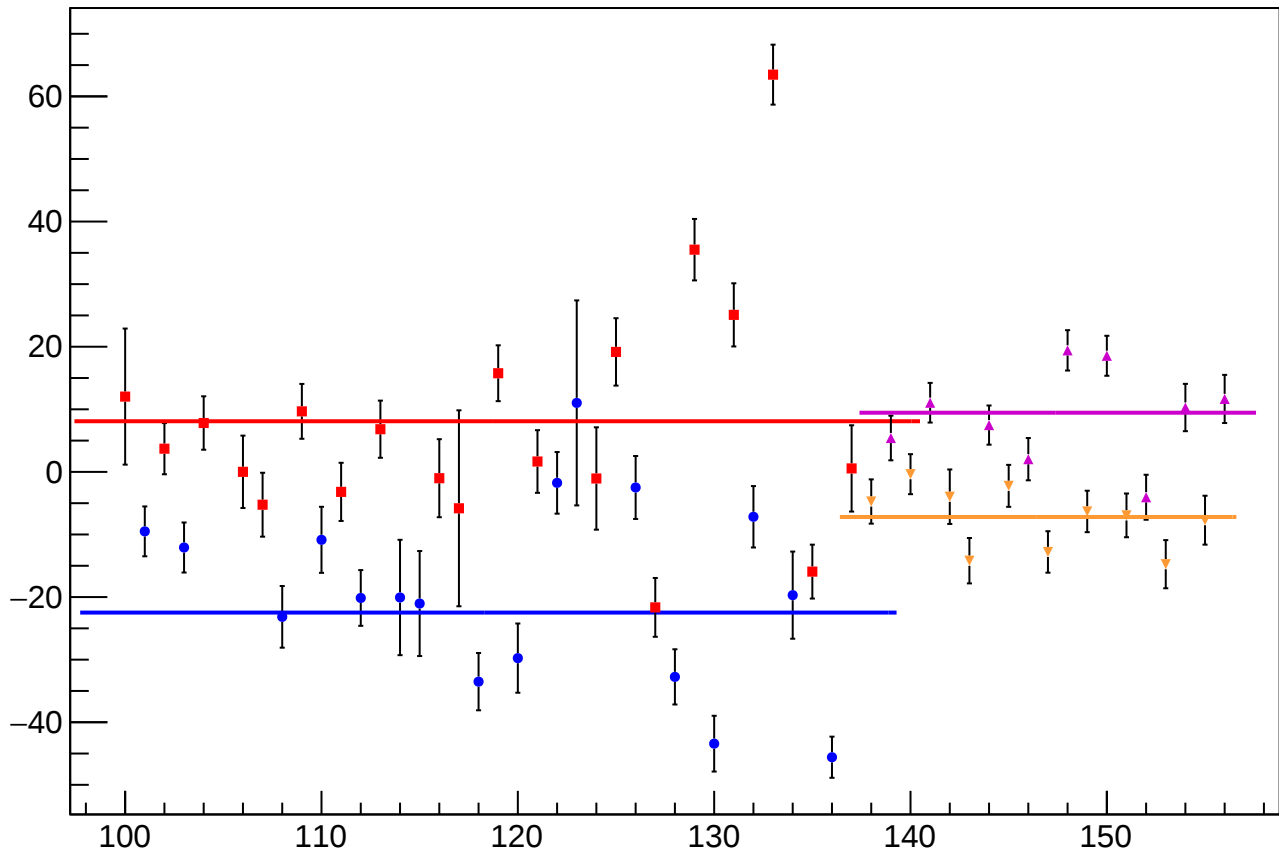
Left In: 1797.852 $\pm$ 0.472 χ^2/NDF : 60039.8/8

1817.371 $\pm$ 0.343 χ^2/NDF : 179341.3/26

1812.150 $\pm$ 0.241 χ^2/NDF : 329769.6/55

1807.119 $\pm$ 0.337 χ^2/NDF : 149974.5/28

diff_bpm0l01X_mean vs Slug, Sign Corrected



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

Left Out: -7.205 +/- 1.123 χ^2/NDF : 18.3/9

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

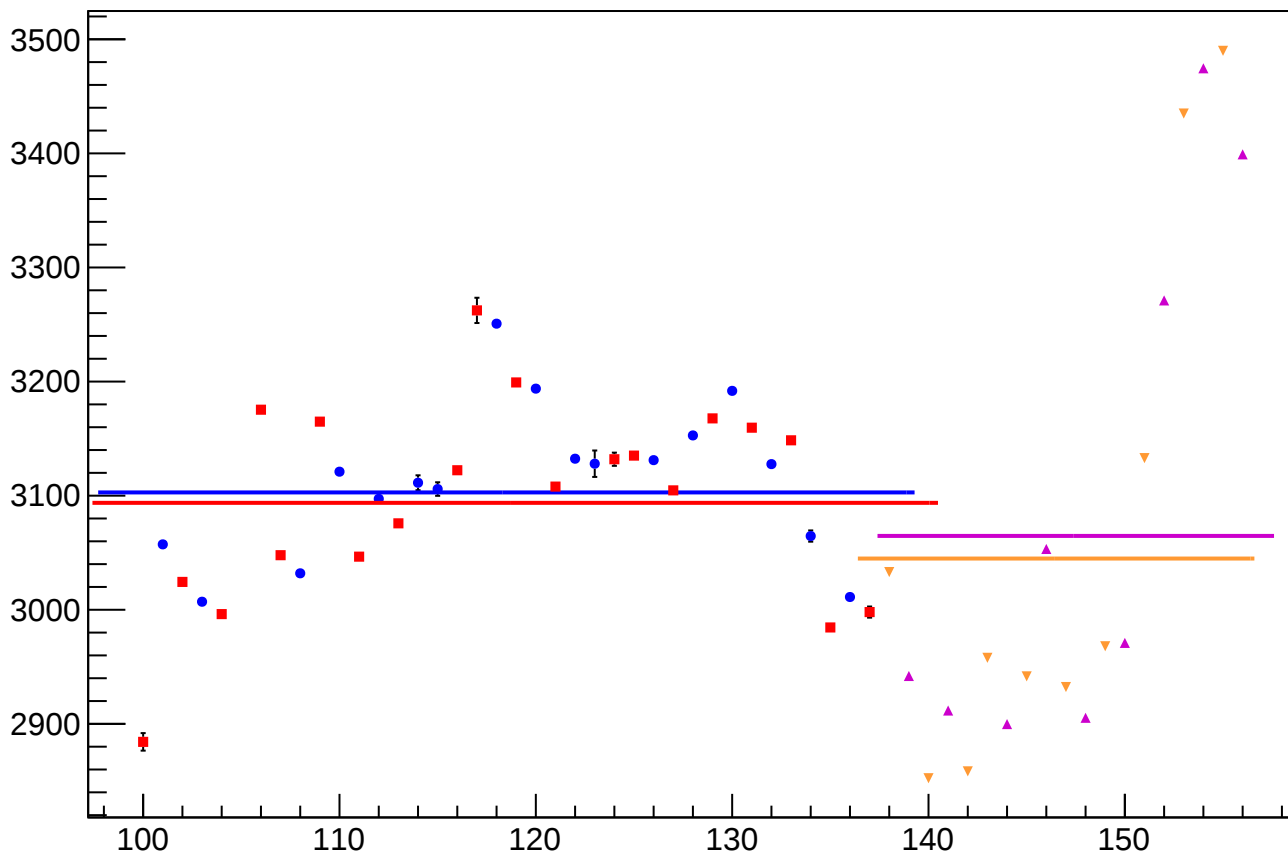
Left In: 9.456 +/- 1.134 χ^2/NDF : 38.9/8

-14.370 +/- 0.818 χ^2/NDF : 259.8/26

-2.657 +/- 0.575 χ^2/NDF : 982.1/55

8.786 +/- 0.809 χ^2/NDF : 317.3/28

diff_bpm0l01X_rms vs Slug, Sign Corrected



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

Left Out: 3044.895 $\pm$ 0.794 χ^2 /NDF: 65148.1/9

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

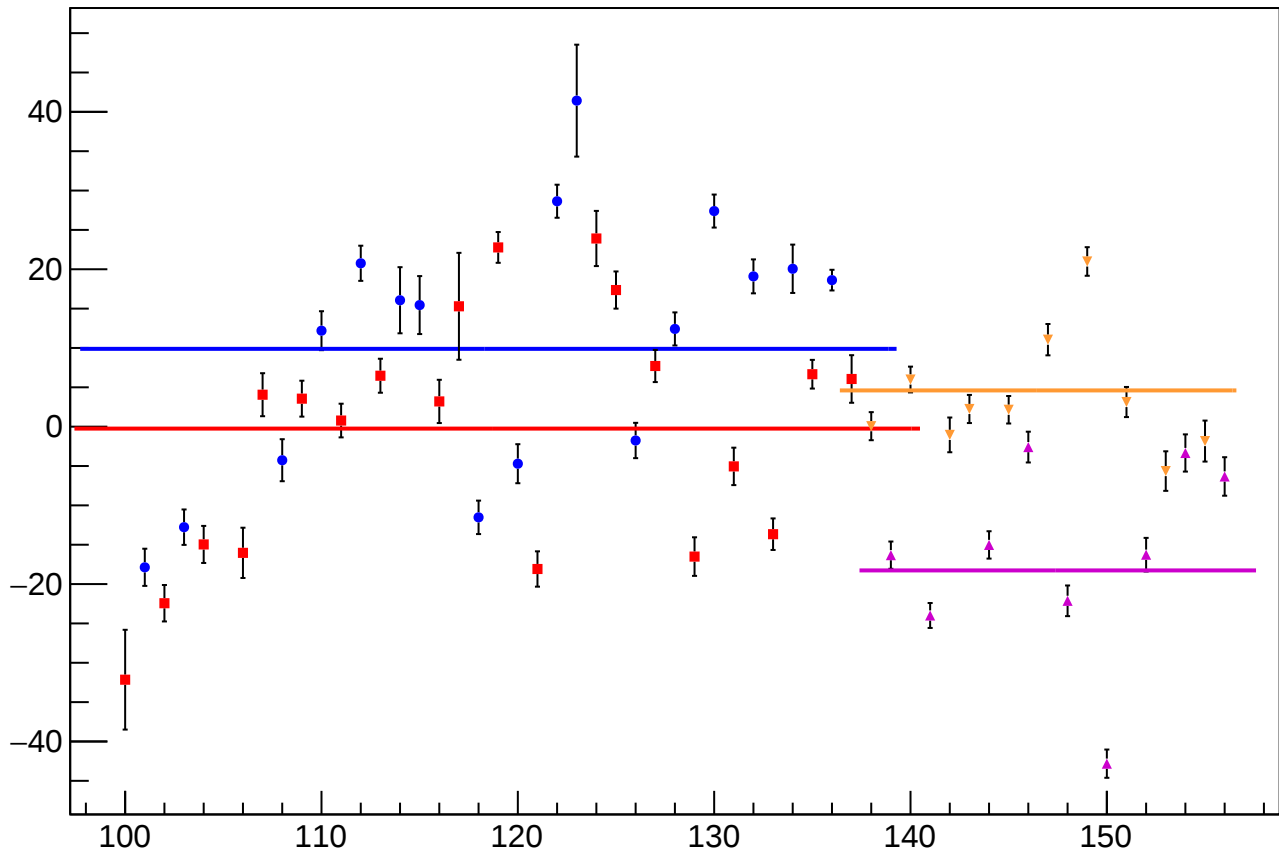
Left In: 3064.730 $\pm$ 0.802 χ^2 /NDF: 64427.8/8

3072.083 $\pm$ 0.579 χ^2 /NDF: 74990.8/26

3075.574 $\pm$ 0.407 χ^2 /NDF: 148129.4/55

3078.983 $\pm$ 0.572 χ^2 /NDF: 73066.7/28

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

Left Out: 4.605 ± 0.612 χ^2/NDF : 132.6/9

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

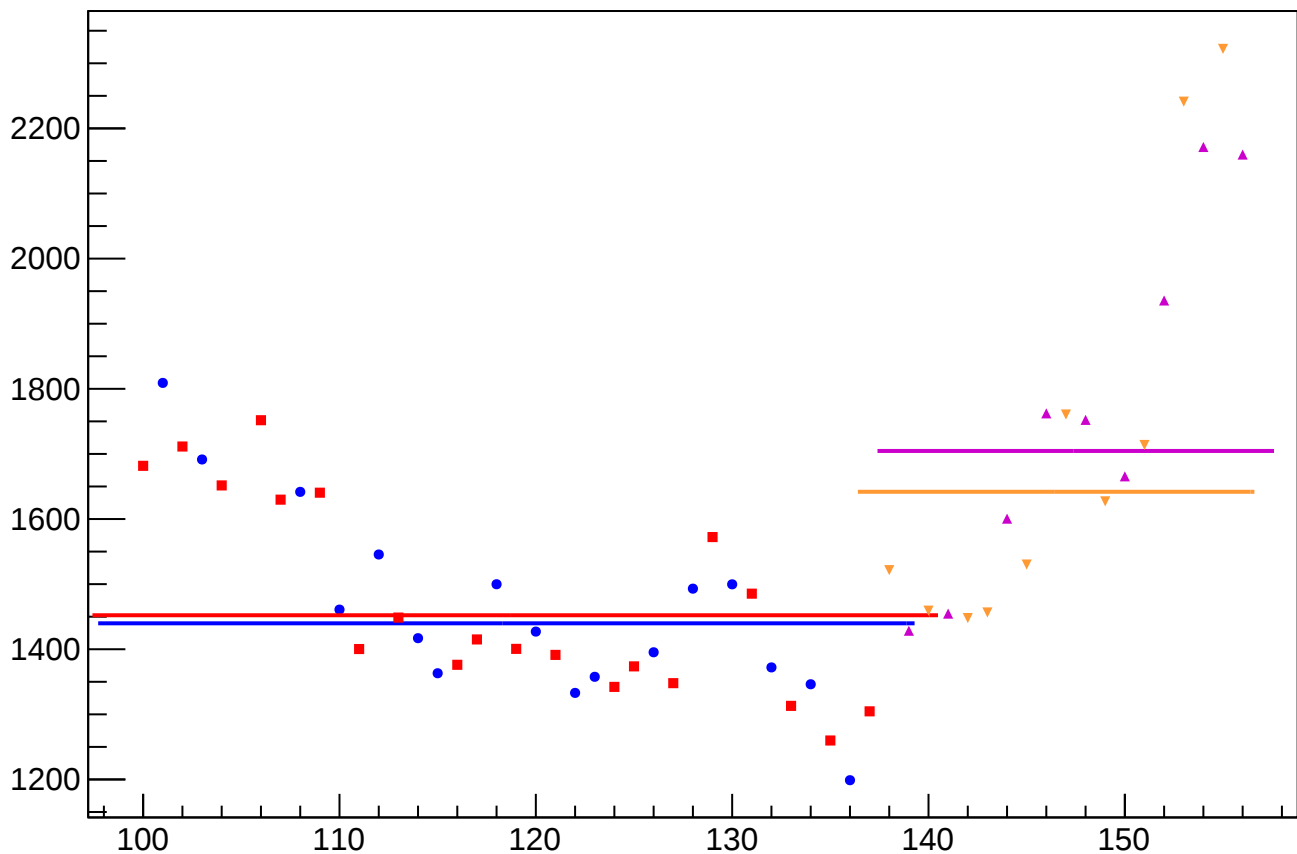
Left In: -18.265 ± 0.637 χ^2/NDF : 337.5/8

7.484 ± 0.413 χ^2/NDF : 876.8/26

-0.166 ± 0.292 χ^2/NDF : 2998.2/55

-7.860 ± 0.414 χ^2/NDF : 1433.4/28

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1439.826 ± 0.396 $\chi^2/\text{NDF}: 172823.5/16$

Left Out: 1641.869 ± 0.433 $\chi^2/\text{NDF}: 339337.1/9$

Right Out: 1452.211 ± 0.385 $\chi^2/\text{NDF}: 138579.9/19$

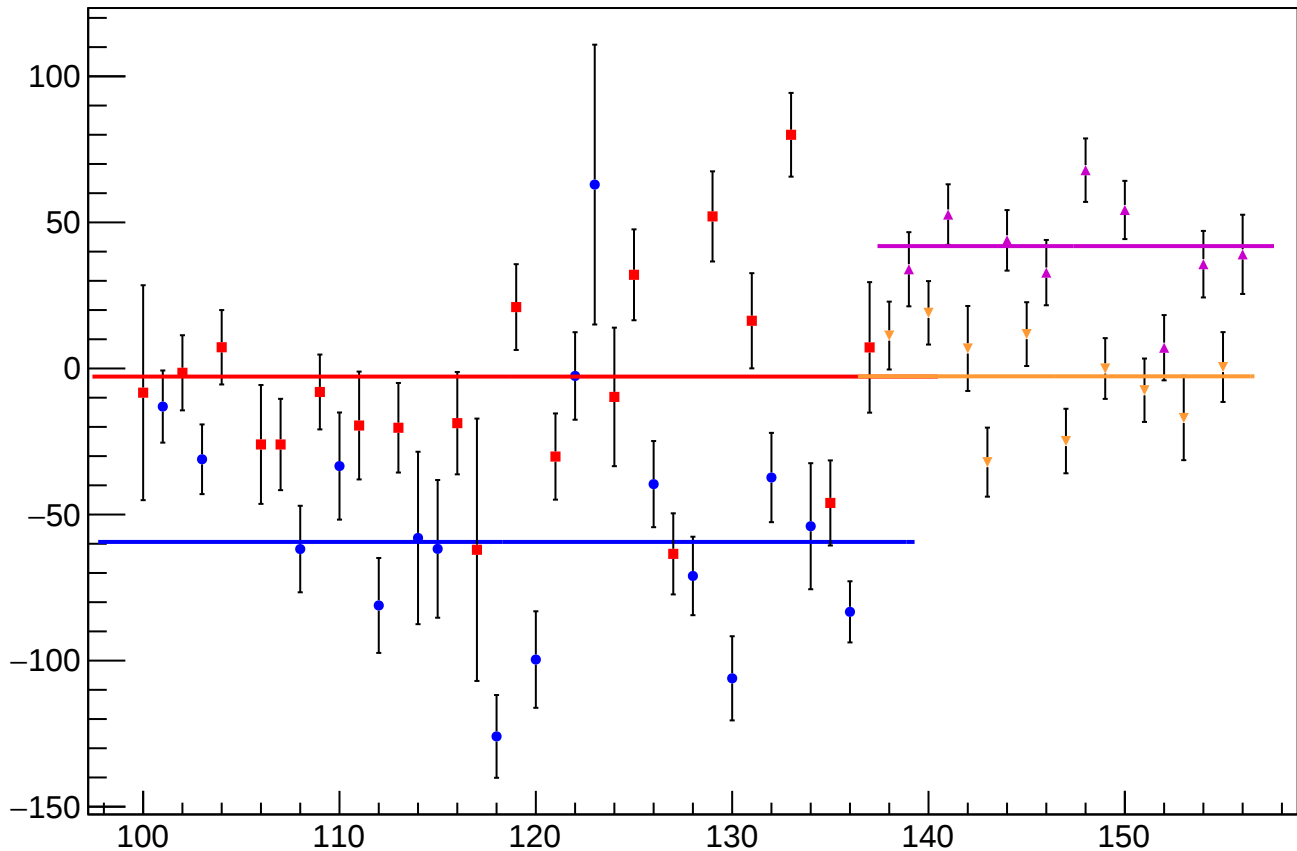
Left In: 1704.566 ± 0.451 $\chi^2/\text{NDF}: 282259.1/8$

1531.750 ± 0.292 $\chi^2/\text{NDF}: 630828.7/26$

1545.258 ± 0.207 $\chi^2/\text{NDF}: 1237072.8/55$

1558.844 ± 0.293 $\chi^2/\text{NDF}: 601953.7/28$

diff_bpm0l02X_mean vs Slug, Sign Corrected



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

Left Out: -2.686 ± 3.679 χ^2/NDF : 19.1/9

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

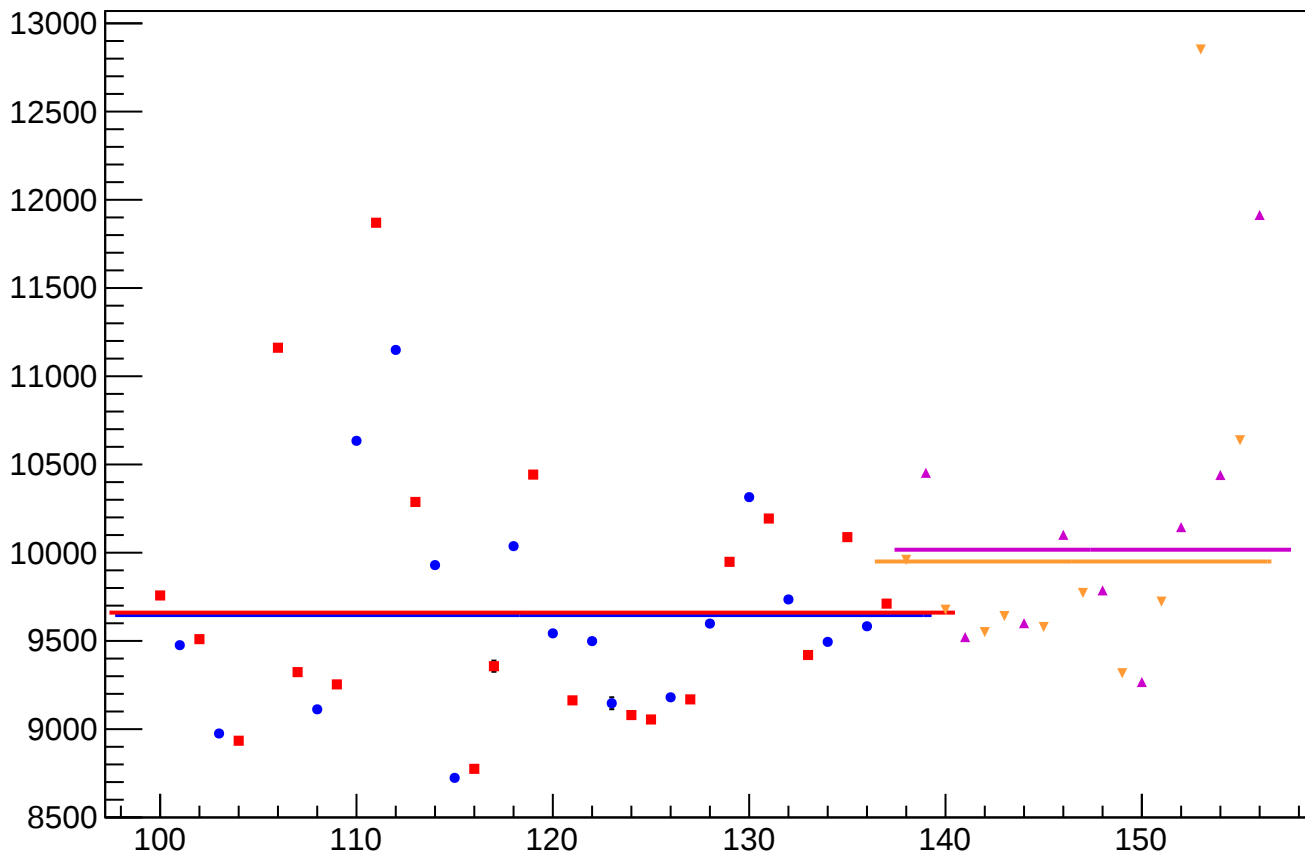
Left In: 41.888 ± 3.713 χ^2/NDF : 19.5/8

-30.646 ± 2.619 χ^2/NDF : 229.2/26

-5.571 ± 1.842 χ^2/NDF : 600.0/55

18.978 ± 2.591 χ^2/NDF : 189.4/28

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

Left Out: 9950.092 $\pm$ 2.601 χ^2 /NDF:102569.8/9

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

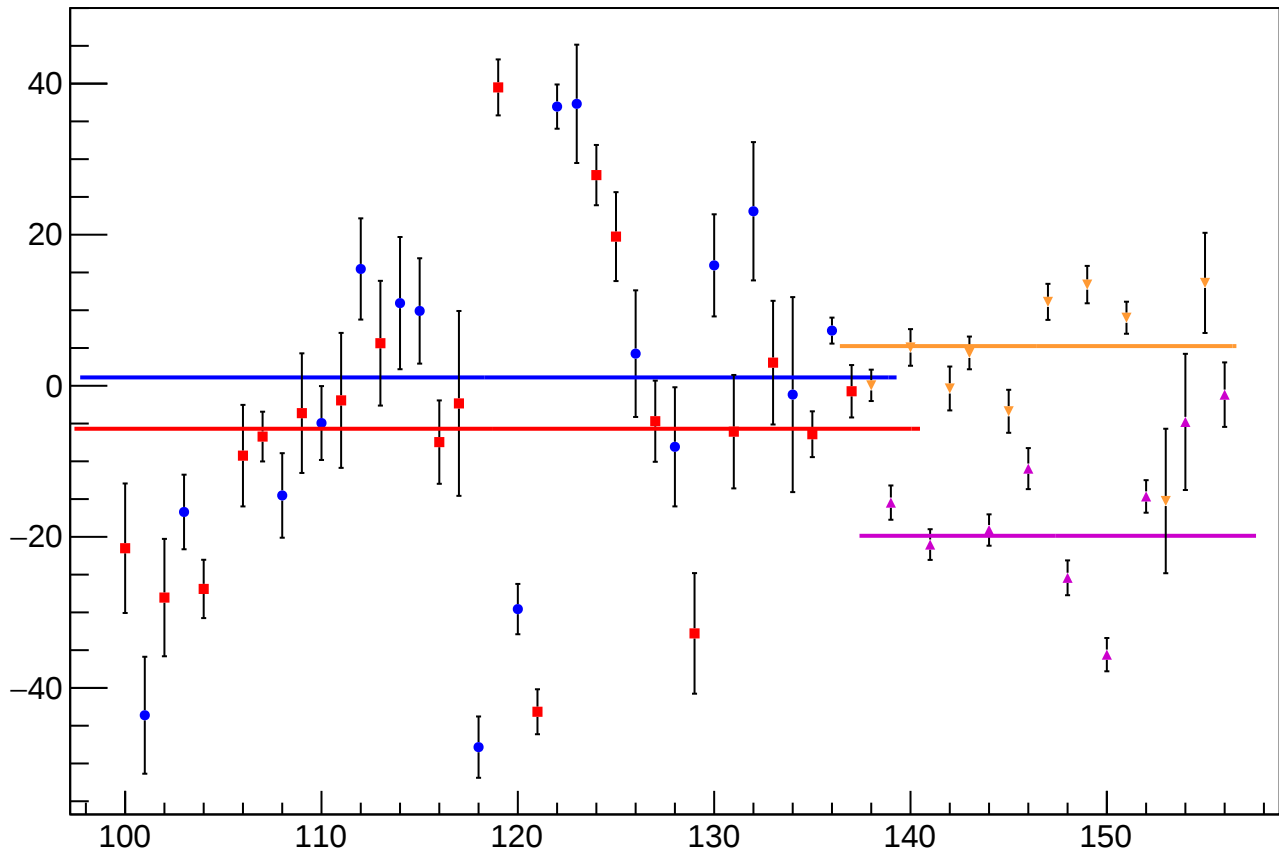
Left In: 10016.883 $\pm$ 2.625 χ^2 /NDF:64668.9/8

9800.345 $\pm$ 1.852 χ^2 /NDF: 153349.7/26

9817.358 $\pm$ 1.302 χ^2 /NDF: 305320.2/55

9834.015 $\pm$ 1.832 χ^2 /NDF: 151803.5/28

diff_bpm0l02Y_mean vs Slug, Sign Corrected



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

Left Out: 5.253 ± 0.830 χ^2/NDF : 45.5/9

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

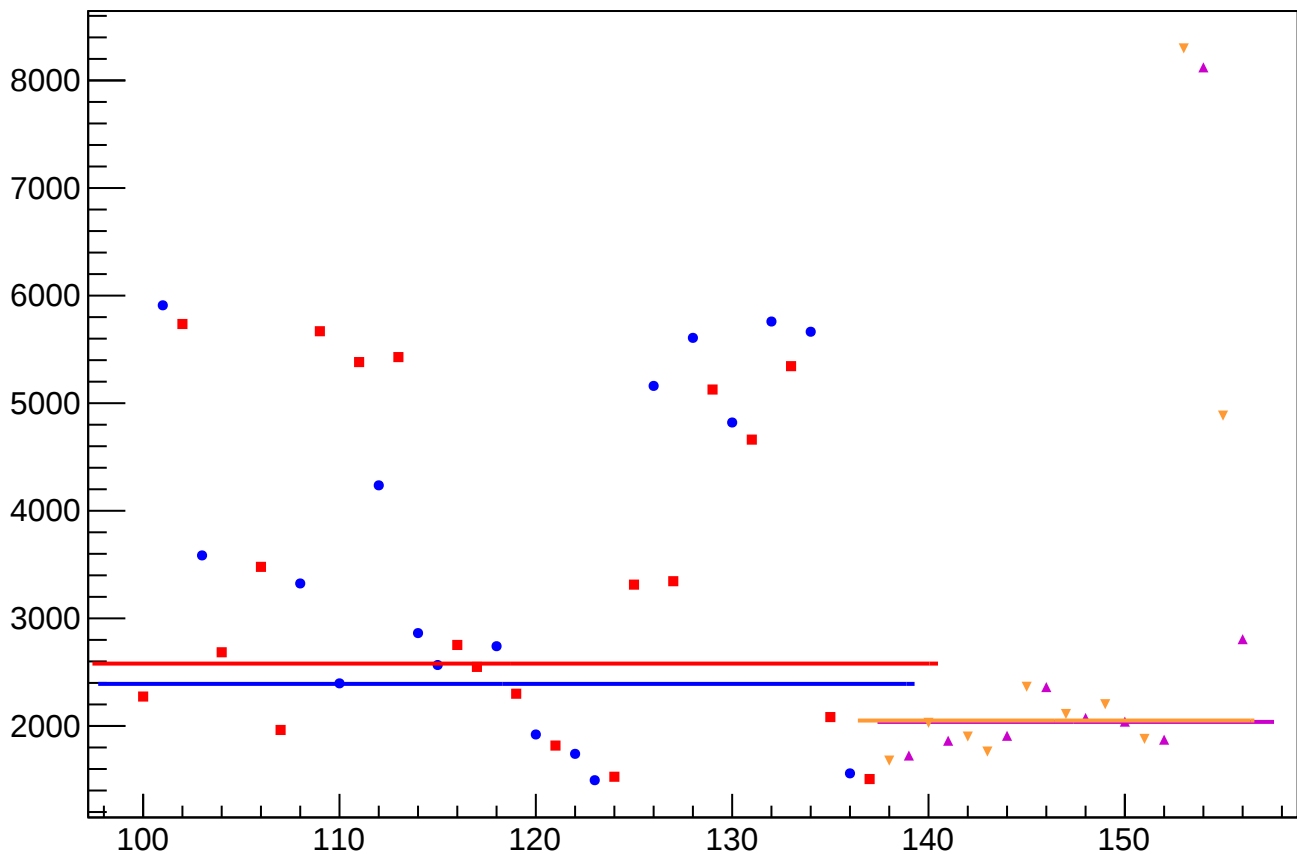
Left In: -19.860 ± 0.822 χ^2/NDF : 99.5/8

3.689 ± 0.655 χ^2/NDF : 544.6/26

-5.502 ± 0.463 χ^2/NDF : 1602.4/55

-14.705 ± 0.655 χ^2/NDF : 663.8/28

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

Left Out: 2050.444 $\pm$ 0.587 χ^2 /NDF:1370231.0/9

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

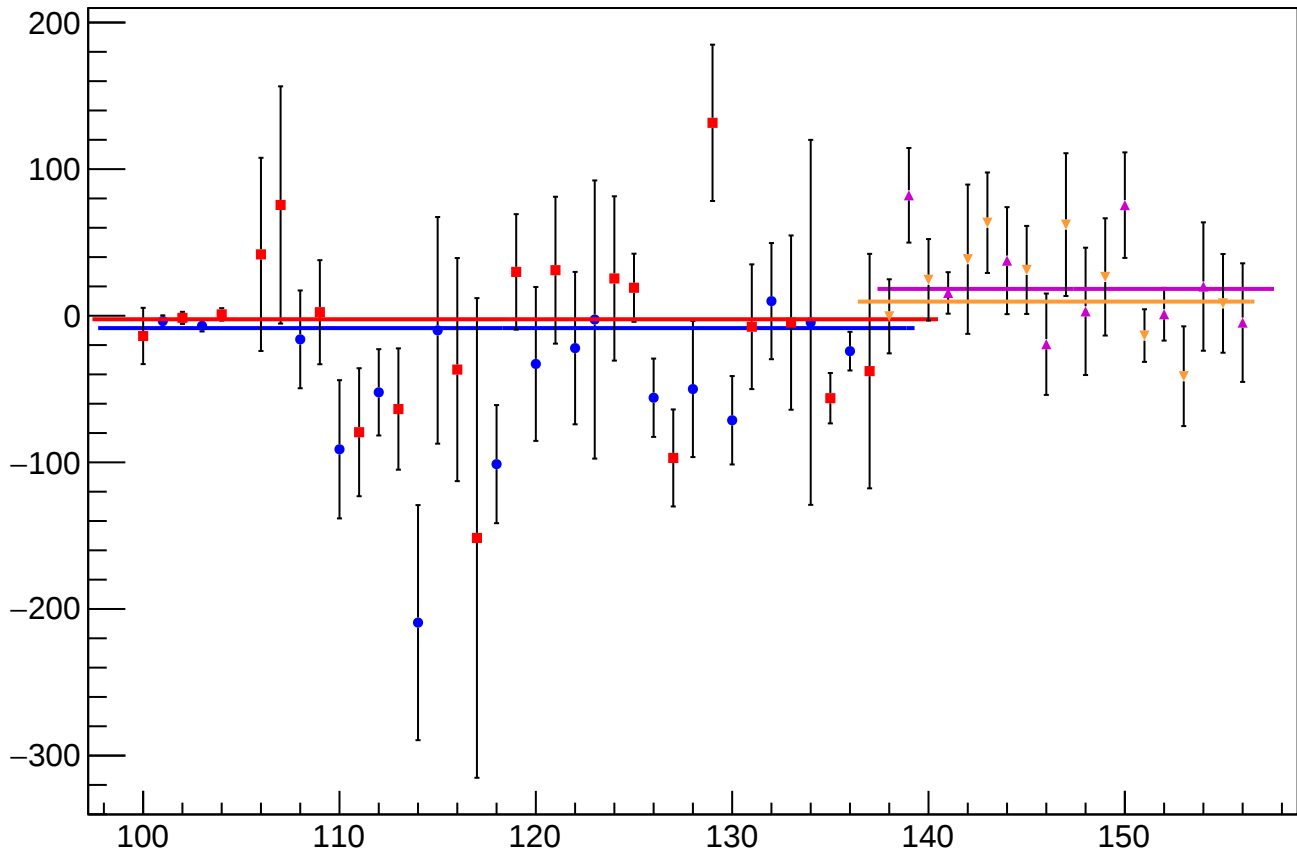
Left In: 2037.675 $\pm$ 0.581 χ^2 /NDF:1077247.2/8

2178.967 $\pm$ 0.463 χ^2 /NDF: 4097915.0/26

2206.897 $\pm$ 0.328 χ^2 /NDF: 7864354.9/55

2234.866 $\pm$ 0.463 χ^2 /NDF: 3759161.5/28

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -8.430 $\pm$ 2.587 χ^2/NDF : 28.9/16

Left Out: 9.656 $\pm$ 9.488 χ^2/NDF : 9.0/9

Right Out: -2.392 $\pm$ 2.786 χ^2/NDF : 35.5/19

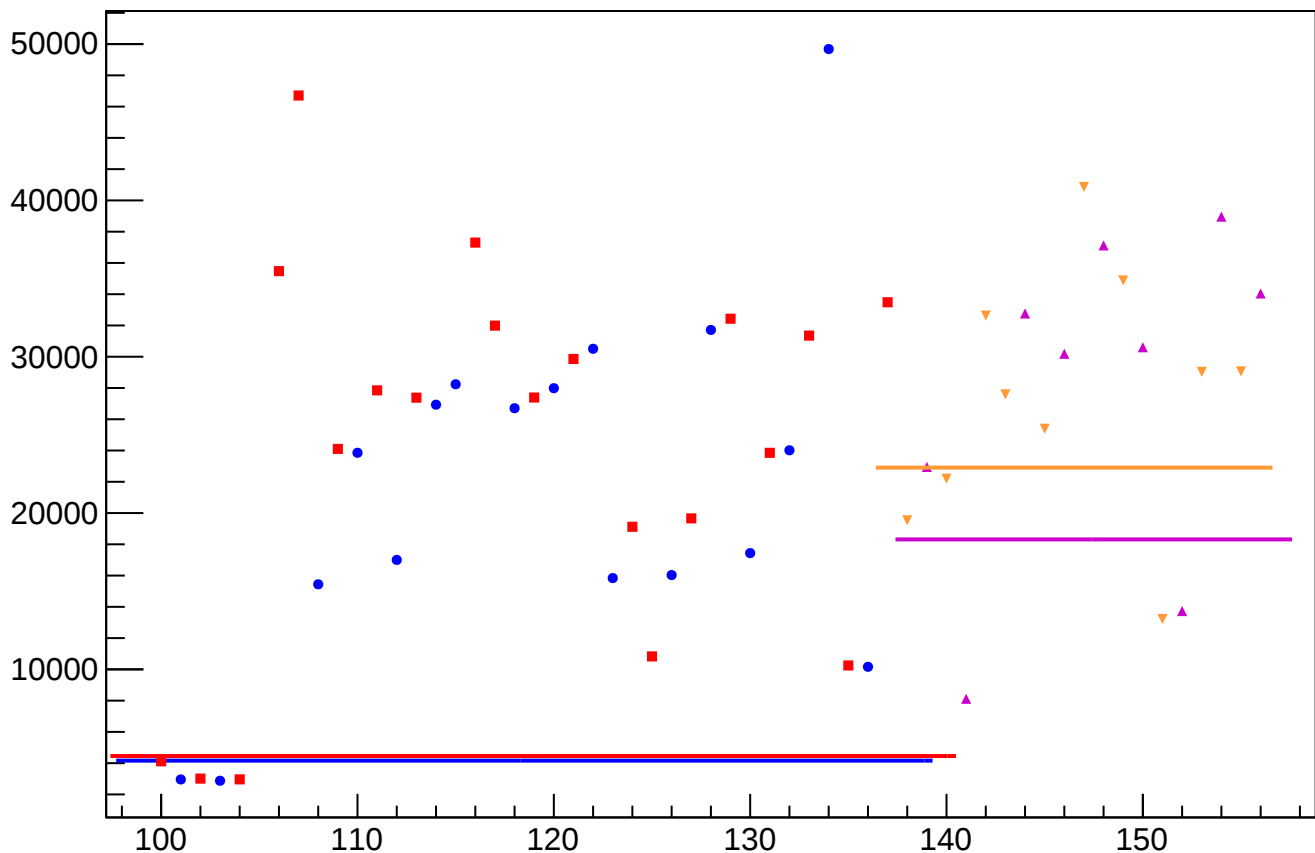
Left In: 18.299 $\pm$ 8.747 χ^2/NDF : 9.3/8

-7.178 $\pm$ 2.496 χ^2/NDF : 41.3/26

-4.038 $\pm$ 1.819 χ^2/NDF : 94.5/55

-0.485 $\pm$ 2.655 χ^2/NDF : 49.9/28

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

Left Out: 22906.034+/-6.709 χ^2/NDF : 1327214.3/9

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

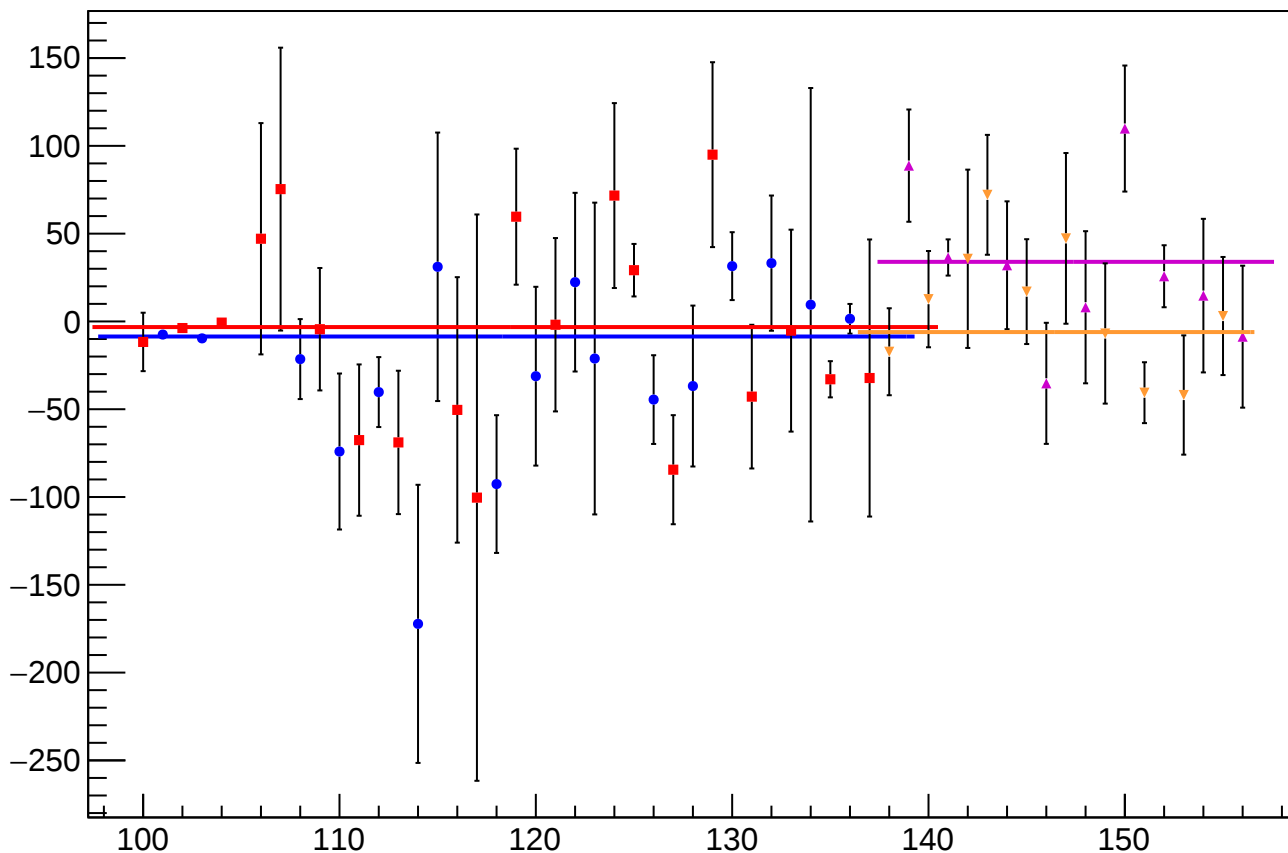
Left In: 18313.456+/-6.185 χ^2/NDF : 3115464.9/8

5459.672+/-1.765 χ^2/NDF : 14581842.4/26

5587.436+/-1.286 χ^2/NDF : 29750184.4/5

5731.960+/-1.877 χ^2/NDF : 15157176.4/28

diff_bpm0l03Y_mean vs Slug, Sign Corrected



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

Left Out: -6.054 $\pm$ 9.343 χ^2 /NDF:13.5/9

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

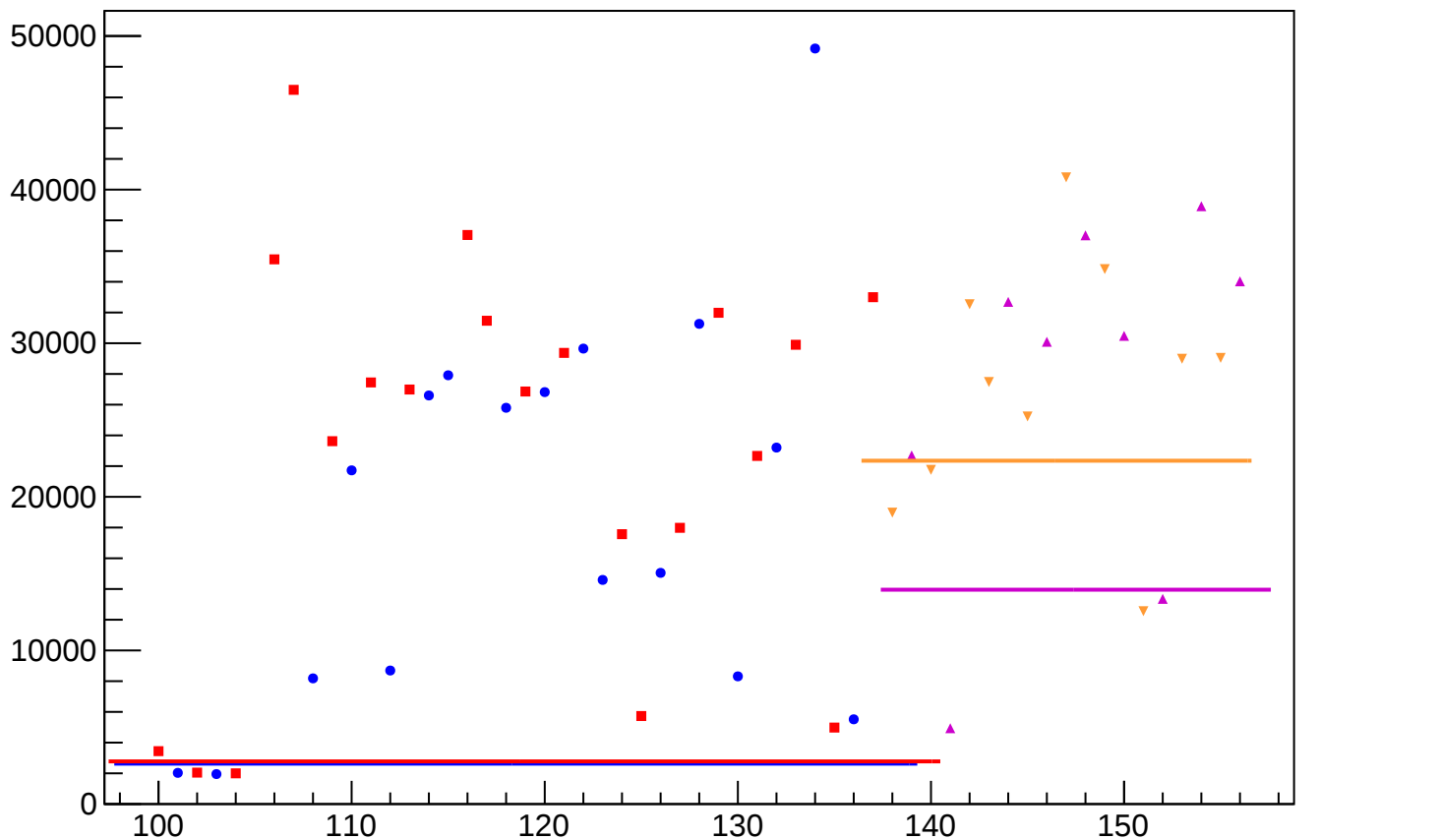
Left In: 33.939 $\pm$ 7.532 χ^2 /NDF:13.4/8

-8.498 $\pm$ 1.746 χ^2 /NDF: 38.0/26

-4.960 $\pm$ 1.274 χ^2 /NDF: 120.2/55

-0.936 $\pm$ 1.862 χ^2 /NDF: 73.5/28

diff_bpm0l03Y_rms vs Slug, Sign Corrected



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

Left Out: 22351.232+/-6.607 χ^2/NDF : 1459349.8/9

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

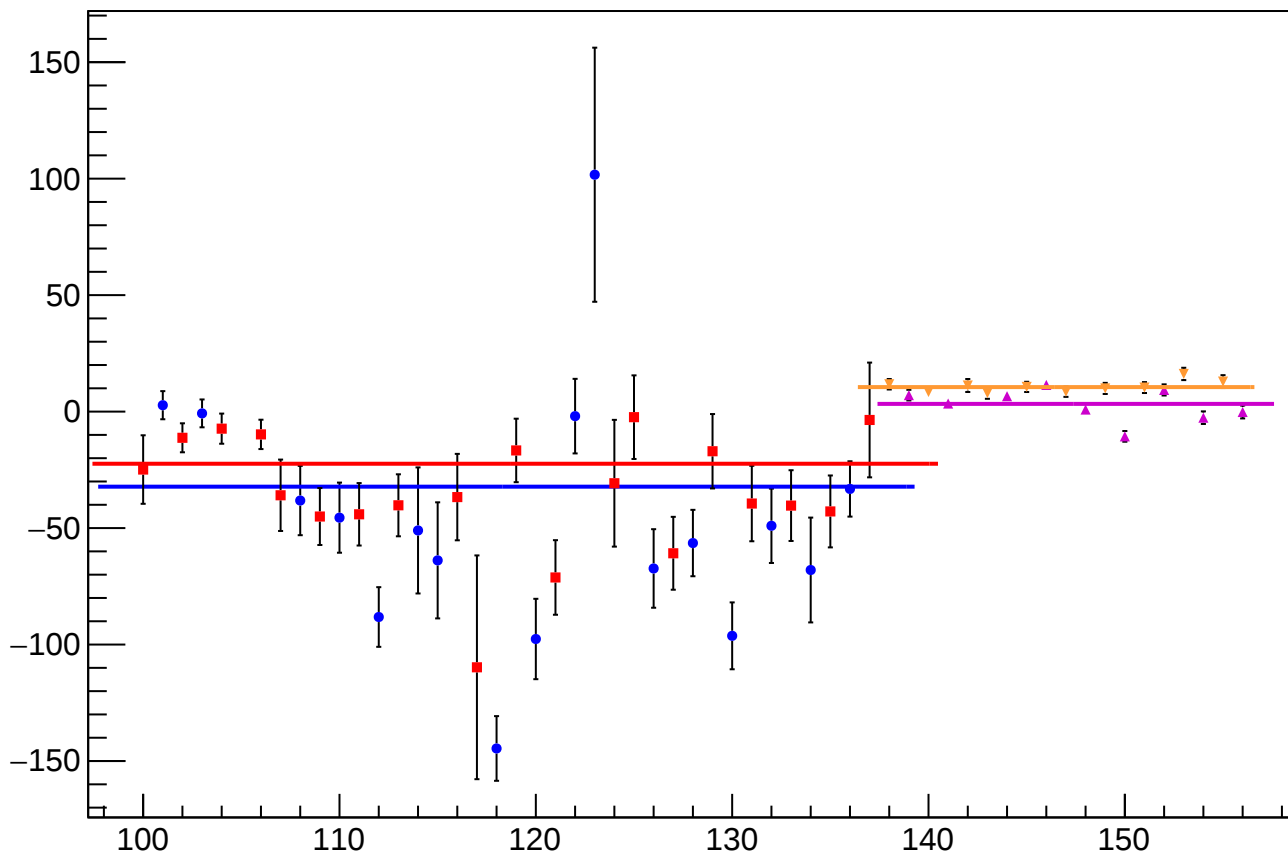
Left In: 13953.779+/-5.326 χ^2/NDF : 4785113.1/8

3319.544+/-1.235 χ^2/NDF : 15646914.0/26

3385.696+/-0.901 χ^2/NDF : 32472101.3/5

3460.926+/-1.317 χ^2/NDF : 16819054.4/28

diff_bpm0l04X_mean vs Slug, Sign Corrected



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

Left Out: 10.520 ± 0.753 χ^2/NDF : 8.7/9

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

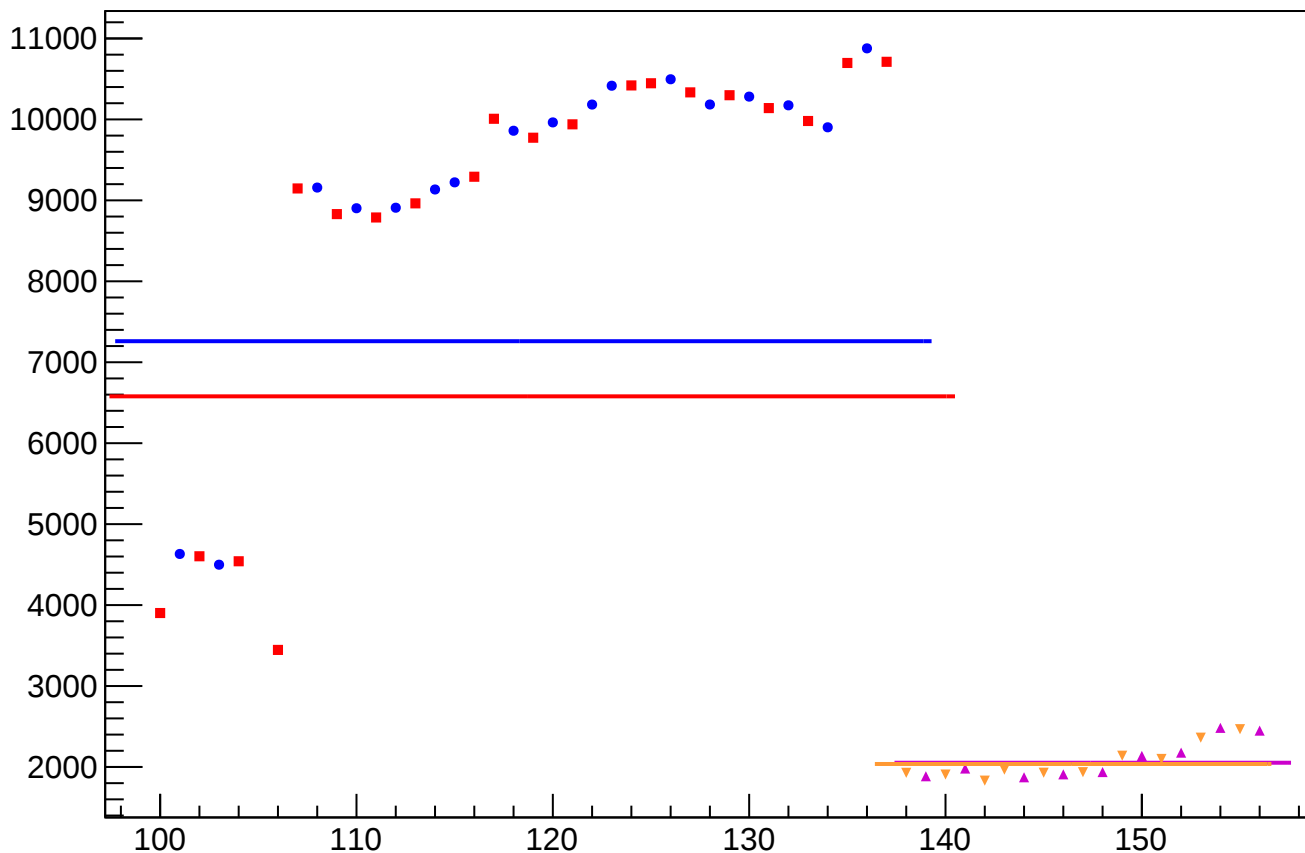
Left In: 3.312 ± 0.762 χ^2/NDF : 70.9/8

7.957 ± 0.730 χ^2/NDF : 405.6/26

4.676 ± 0.517 χ^2/NDF : 649.9/55

1.369 ± 0.733 χ^2/NDF : 203.8/28

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

Left Out: 2036.898+/-0.532 χ^2/NDF :117462.4/9

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

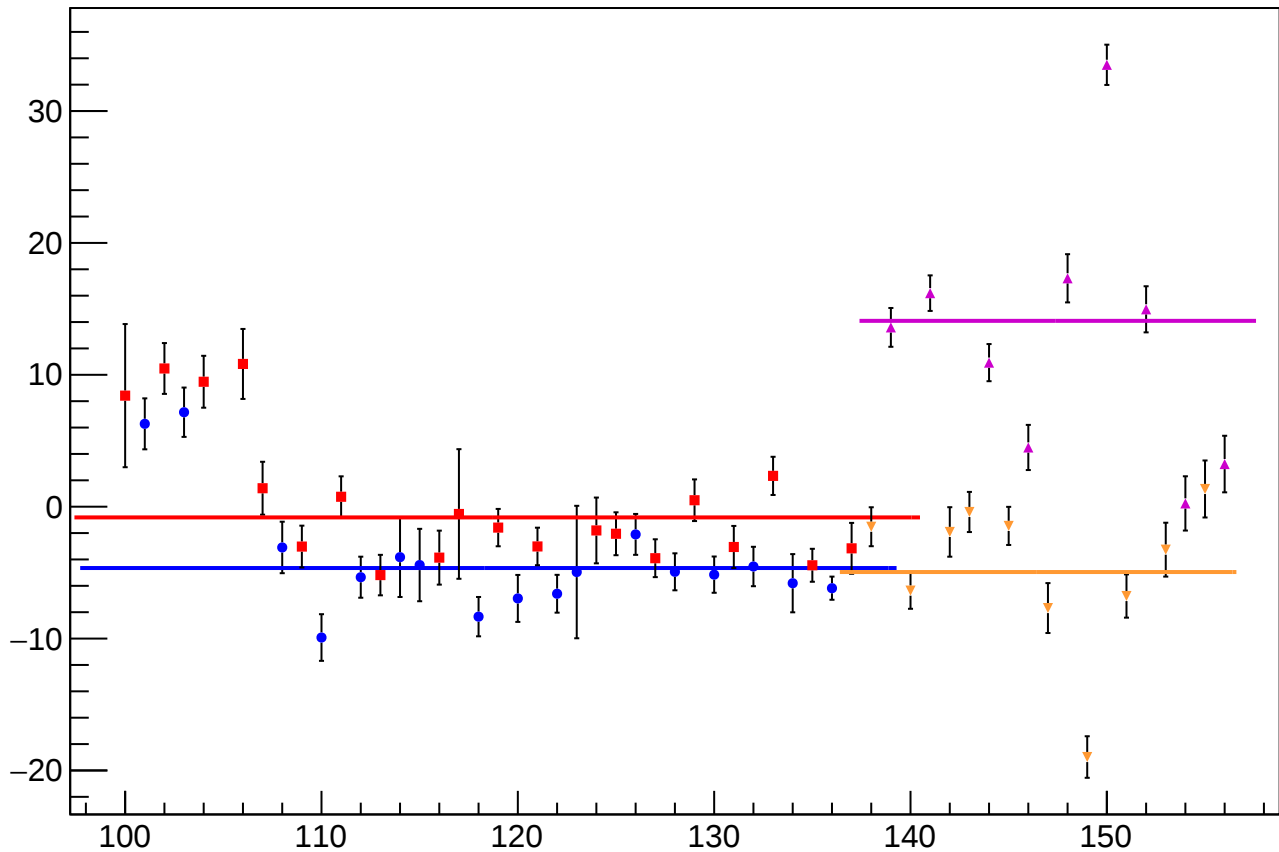
Left In: 2052.364+/-0.539 χ^2/NDF :143463.9/8

2350.101+/-0.516 χ^2/NDF : 7524222.6/26

2372.296+/-0.366 χ^2/NDF : 15210652.5/5

2394.665+/-0.518 χ^2/NDF : 7682718.5/28

diff_bpm0l04Y_mean vs Slug, Sign Corrected



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

Left Out: -4.954 ± 0.521 χ^2/NDF : 115.6/9

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

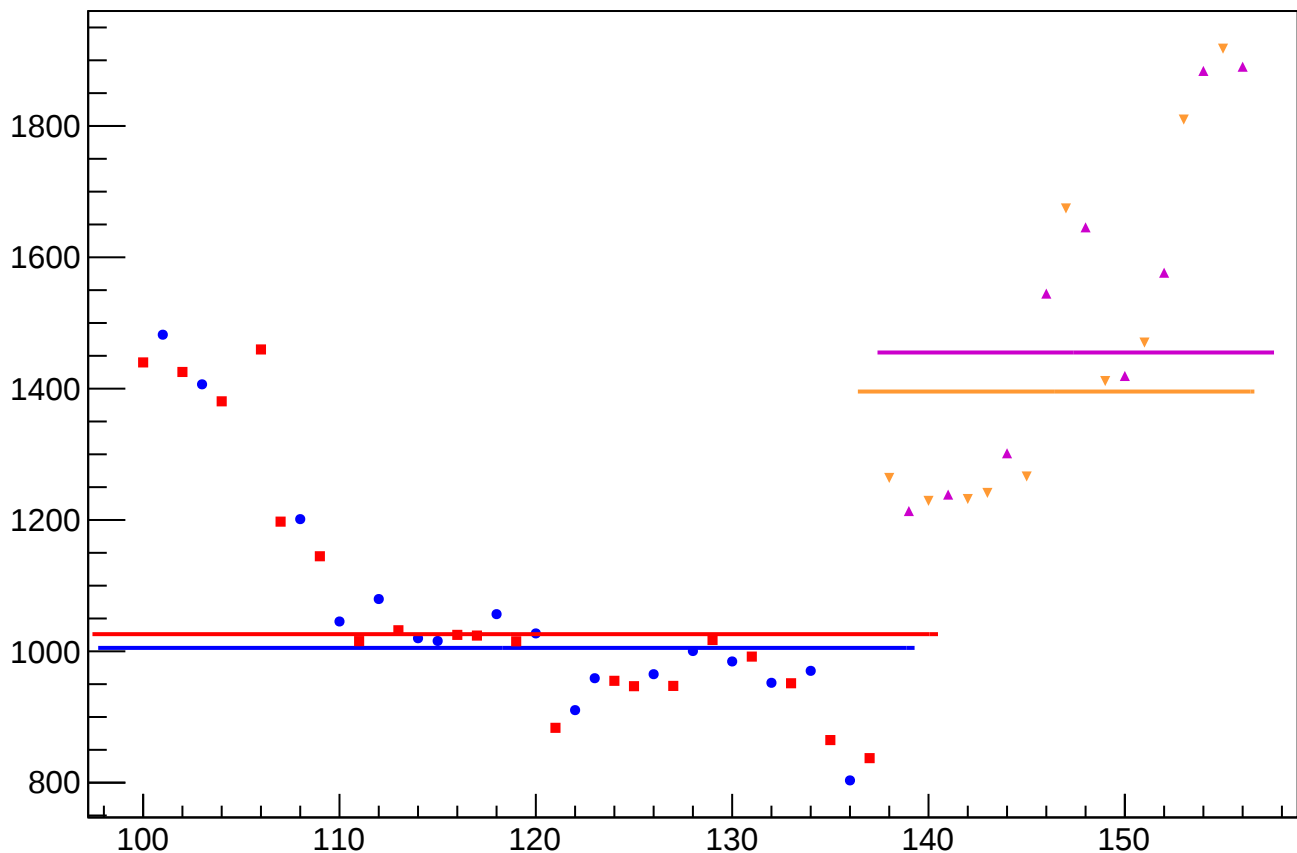
Left In: 14.091 ± 0.545 χ^2/NDF : 274.9/8

-4.761 ± 0.314 χ^2/NDF : 213.4/26

-0.317 ± 0.222 χ^2/NDF : 1513.5/55

4.188 ± 0.316 χ^2/NDF : 895.5/28

diff_bpm0l04Y_rms vs Slug, Sign Corrected



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

Left Out: 1395.607 $\pm$ 0.368 χ^2 /NDF:343554.7/9

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

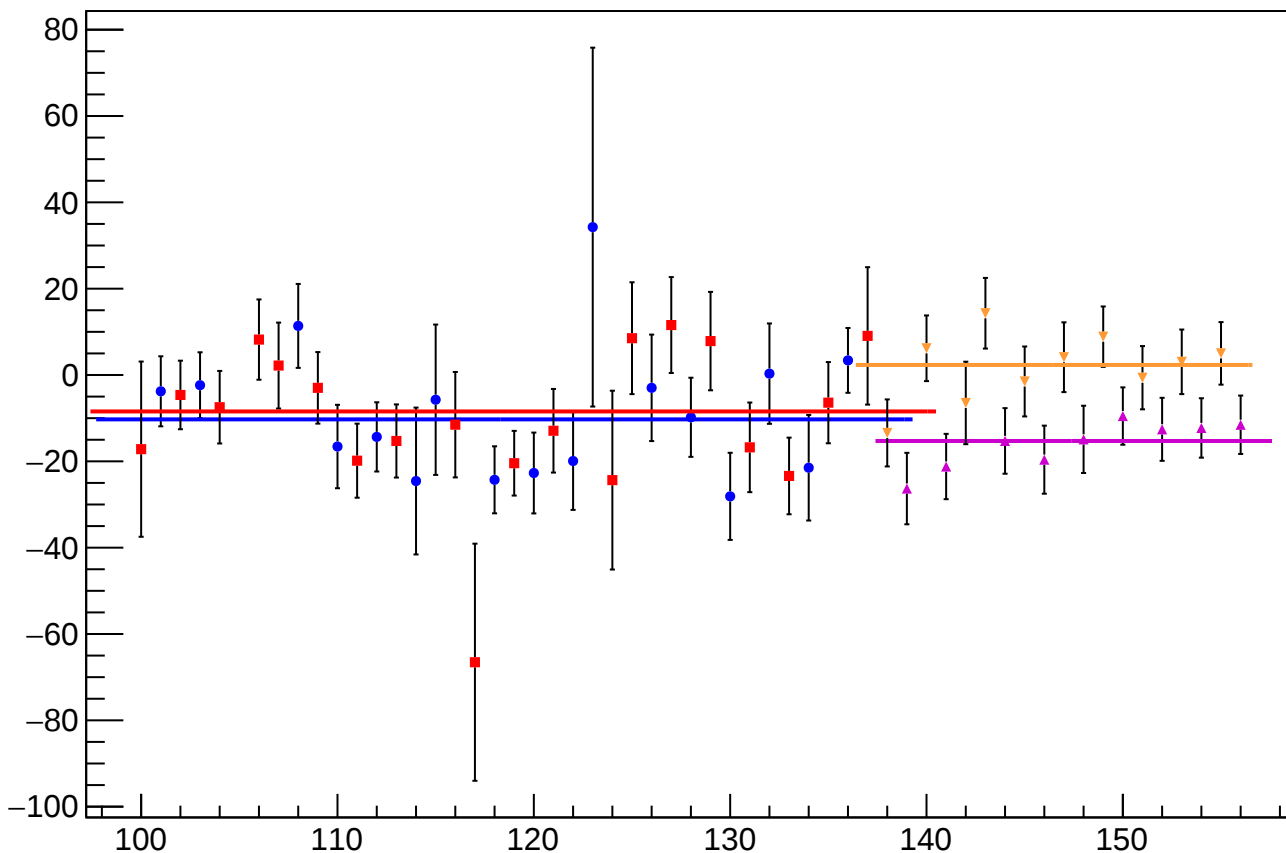
Left In: 1455.052 $\pm$ 0.385 χ^2 /NDF:336326.1/8

1146.685 $\pm$ 0.222 χ^2 /NDF: 1421957.9/26

1158.291 $\pm$ 0.157 χ^2 /NDF: 2919957.9/55

1170.058 $\pm$ 0.223 χ^2 /NDF: 1492480.5/28

diff_bpm0l05X_mean vs Slug, Sign Corrected



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

Left Out: 2.330 $\pm$ 2.452 χ^2/NDF : 8.8/9

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

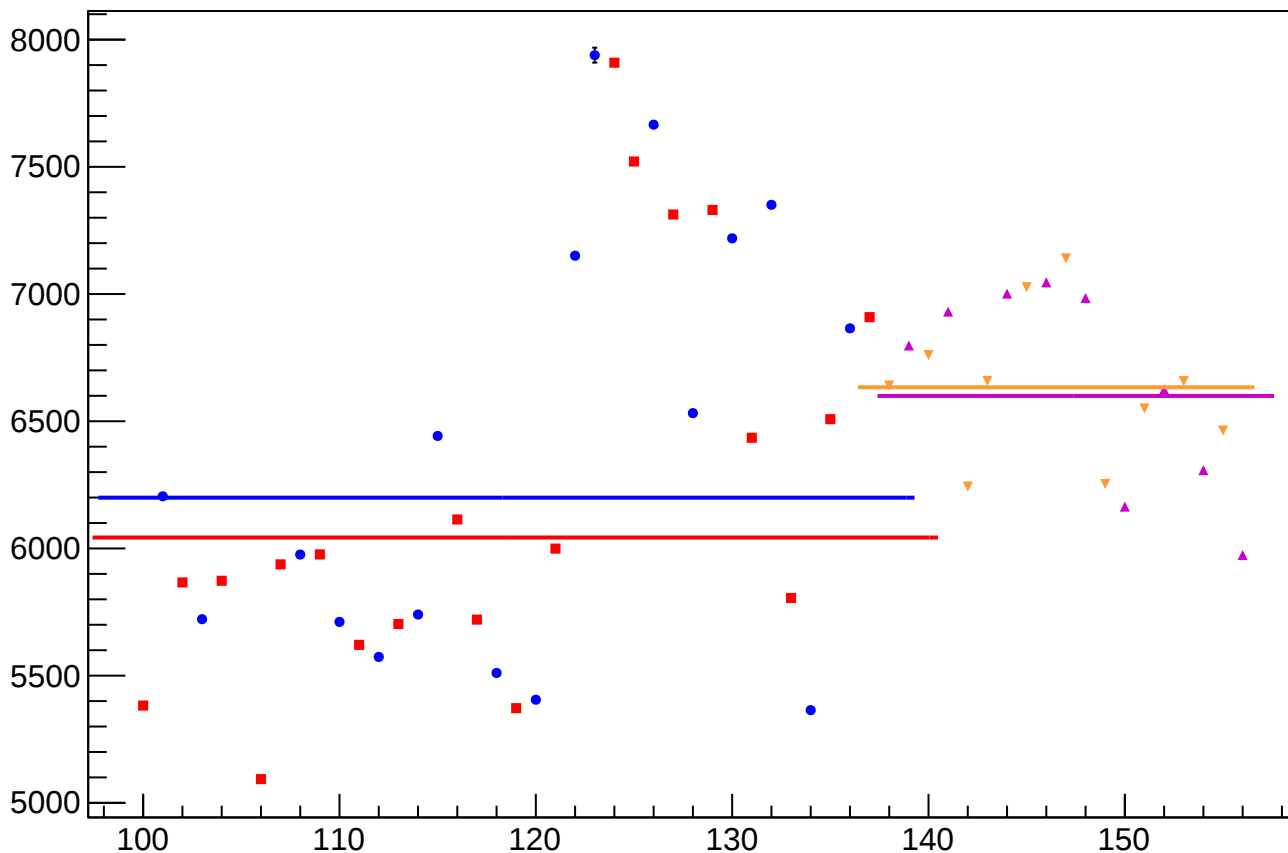
Left In: -15.285 $\pm$ 2.452 χ^2/NDF : 4.1/8

-4.089 $\pm$ 1.718 χ^2/NDF : 45.8/26

-7.960 $\pm$ 1.196 χ^2/NDF : 91.2/55

-11.600 $\pm$ 1.666 χ^2/NDF : 35.5/28

diff_bpm0l05X_rms vs Slug, Sign Corrected



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

Left Out: 6633.596 $\pm$ 1.734 χ^2/NDF : 23776.1/9

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

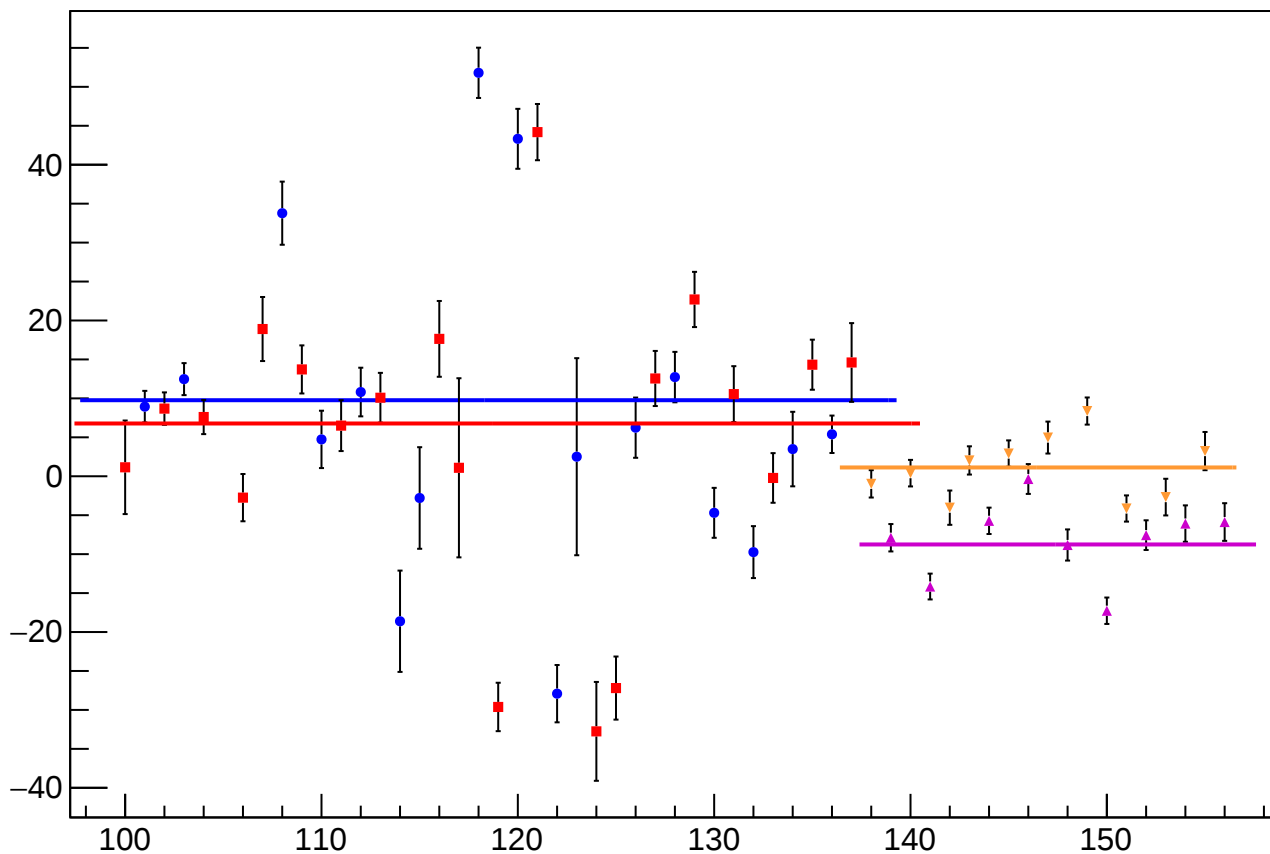
Left In: 6599.441 $\pm$ 1.734 χ^2/NDF : 51156.5/8

6412.650 $\pm$ 1.215 χ^2/NDF : 227429.8/26

6354.506 $\pm$ 0.846 χ^2/NDF : 497084.2/55

6299.825 $\pm$ 1.178 χ^2/NDF : 265209.3/28

diff_bpm0l05Y_mean vs Slug, Sign Corrected



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

Left Out: 1.130 $\pm$ 0.598 χ^2/NDF : 42.4/9

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

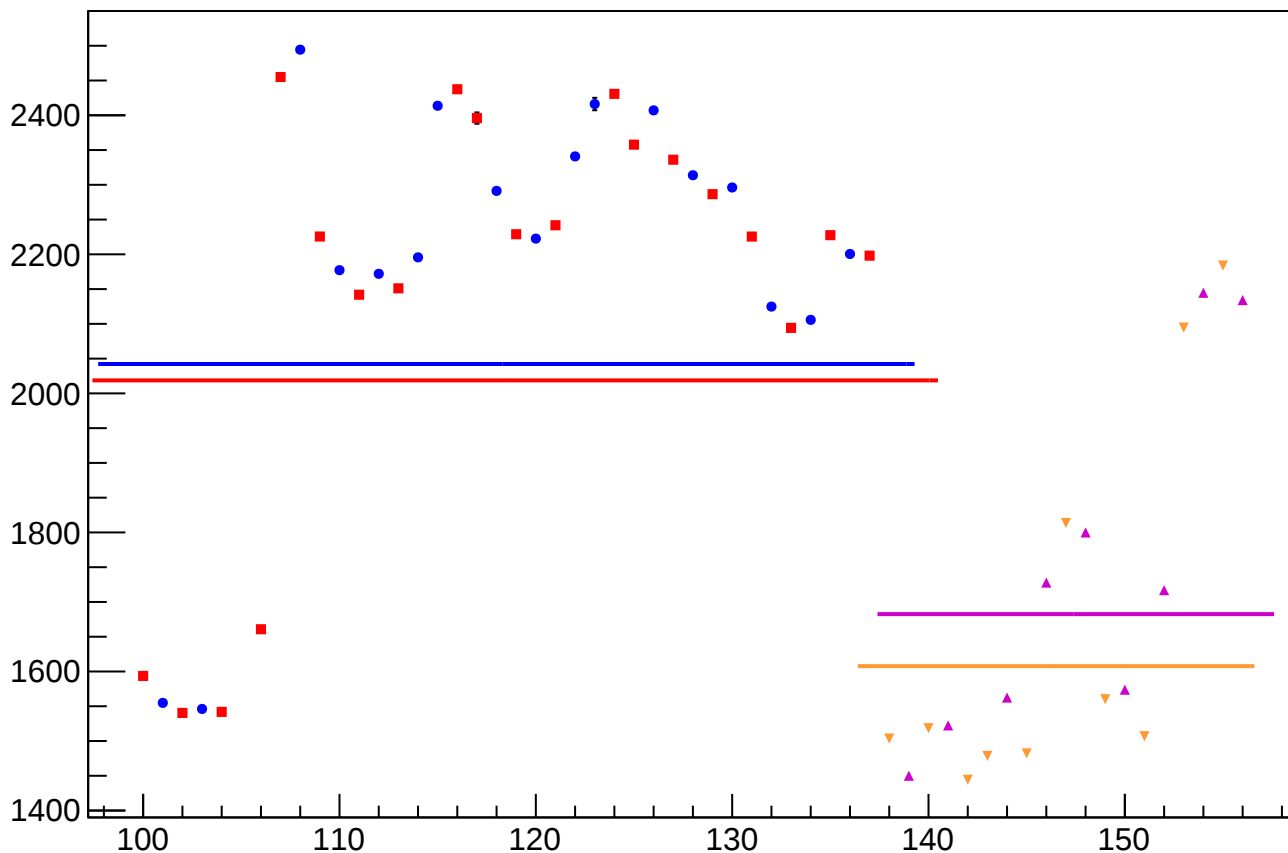
Left In: -8.756 $\pm$ 0.628 χ^2/NDF : 61.6/8

4.241 $\pm$ 0.478 χ^2/NDF : 591.3/26

0.923 $\pm$ 0.341 χ^2/NDF : 1419.6/55

-2.485 $\pm$ 0.485 χ^2/NDF : 730.8/28

diff_bpm0l05Y_rms vs Slug, Sign Corrected



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

Left Out: 1607.689 ± 0.423 χ^2/NDF : 269443.4/9

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

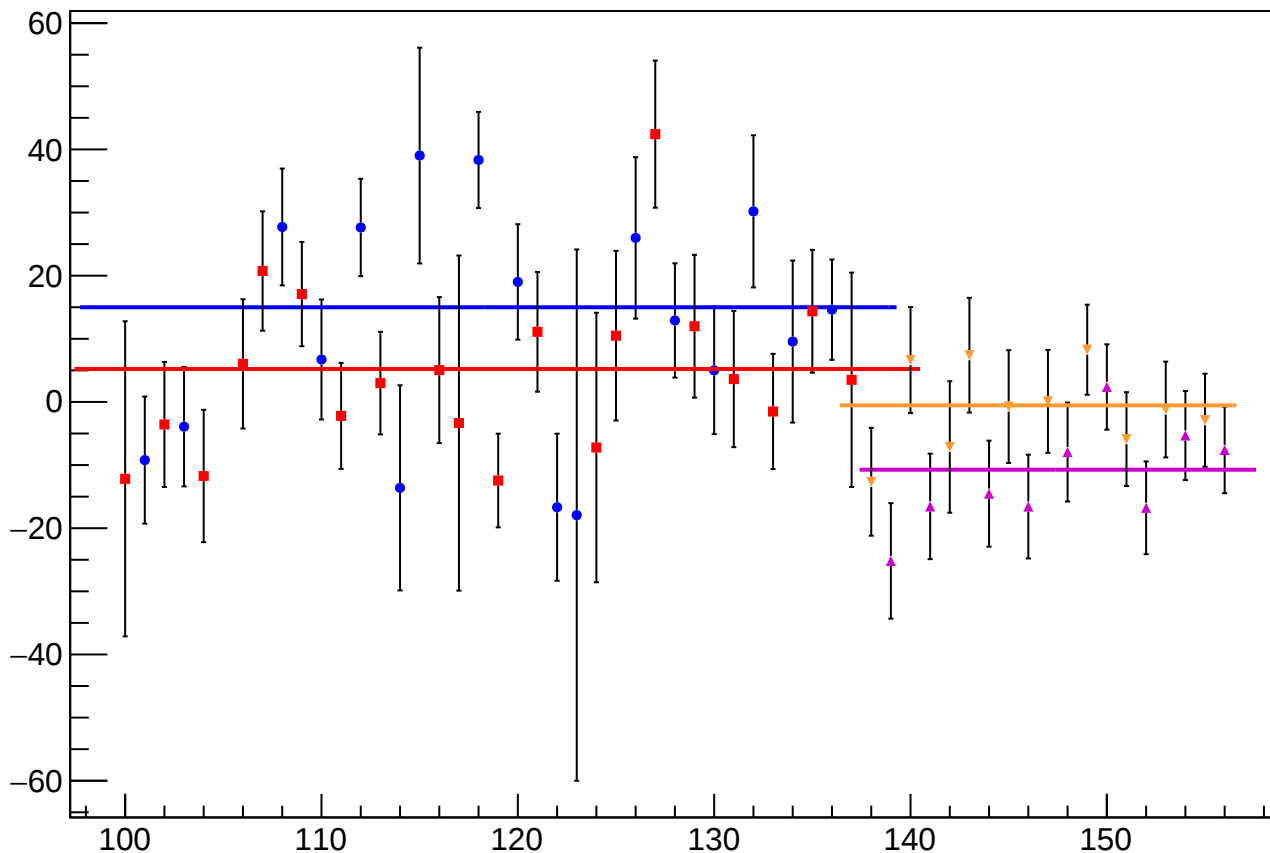
Left In: 1682.515 ± 0.444 χ^2/NDF : 228638.3/8

1764.265 ± 0.338 χ^2/NDF : 1006806.2/26

1790.885 ± 0.241 χ^2/NDF : 1857262.1/55

1818.239 ± 0.343 χ^2/NDF : 837895.2/28

diff_bpm0l06X_mean vs Slug, Sign Corrected



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

Left Out: -0.541 $\pm$ 2.579 χ^2 /NDF: 6.1/9

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

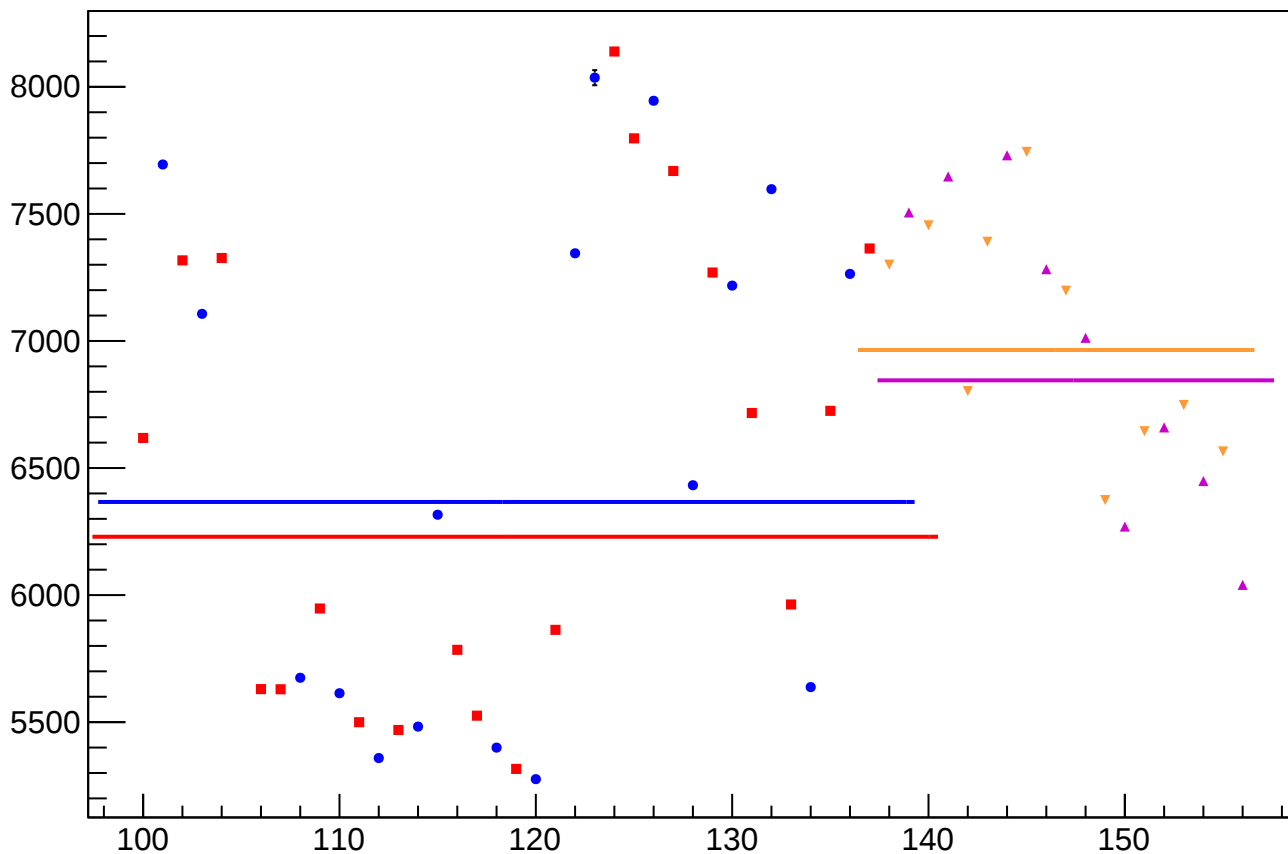
Left In: -10.733 $\pm$ 2.553 χ^2 /NDF: 9.0/8

7.515 $\pm$ 1.790 χ^2 /NDF: 66.2/26

2.545 $\pm$ 1.243 χ^2 /NDF: 139.5/55

-2.089 $\pm$ 1.728 χ^2 /NDF: 58.4/28

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

Left Out: 6964.465+/-1.823 χ^2/NDF : 56590.1/9

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

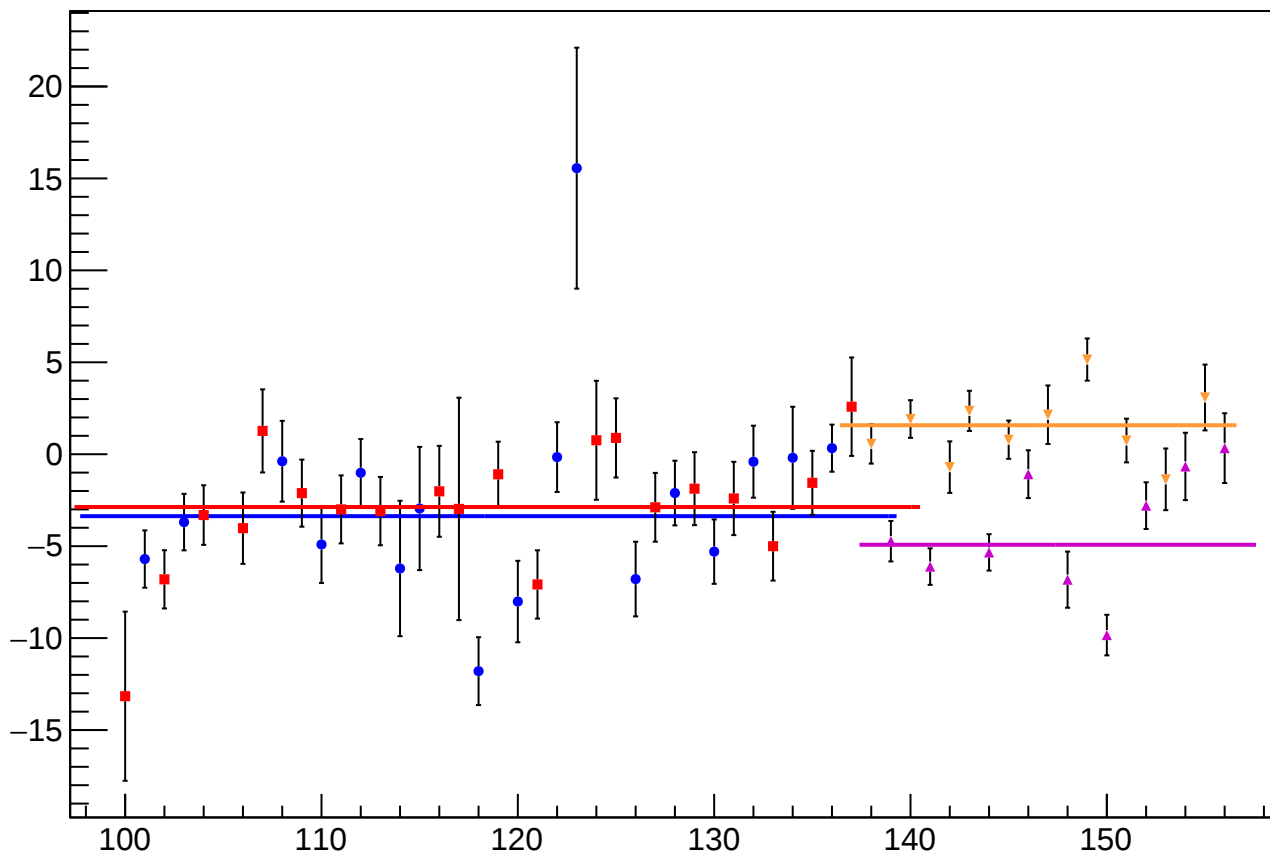
Left In: 6845.024+/-1.805 χ^2/NDF : 107426.7/8

6654.448+/-1.265 χ^2/NDF : 398839.0/26

6580.569+/-0.879 χ^2/NDF : 820433.5/55

6511.662+/-1.222 χ^2/NDF : 415006.2/28

diff_bpm0l06Y_mean vs Slug, Sign Corrected



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

Left Out: 1.576 $\pm$ 0.389 χ^2/NDF : 18.8/9

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

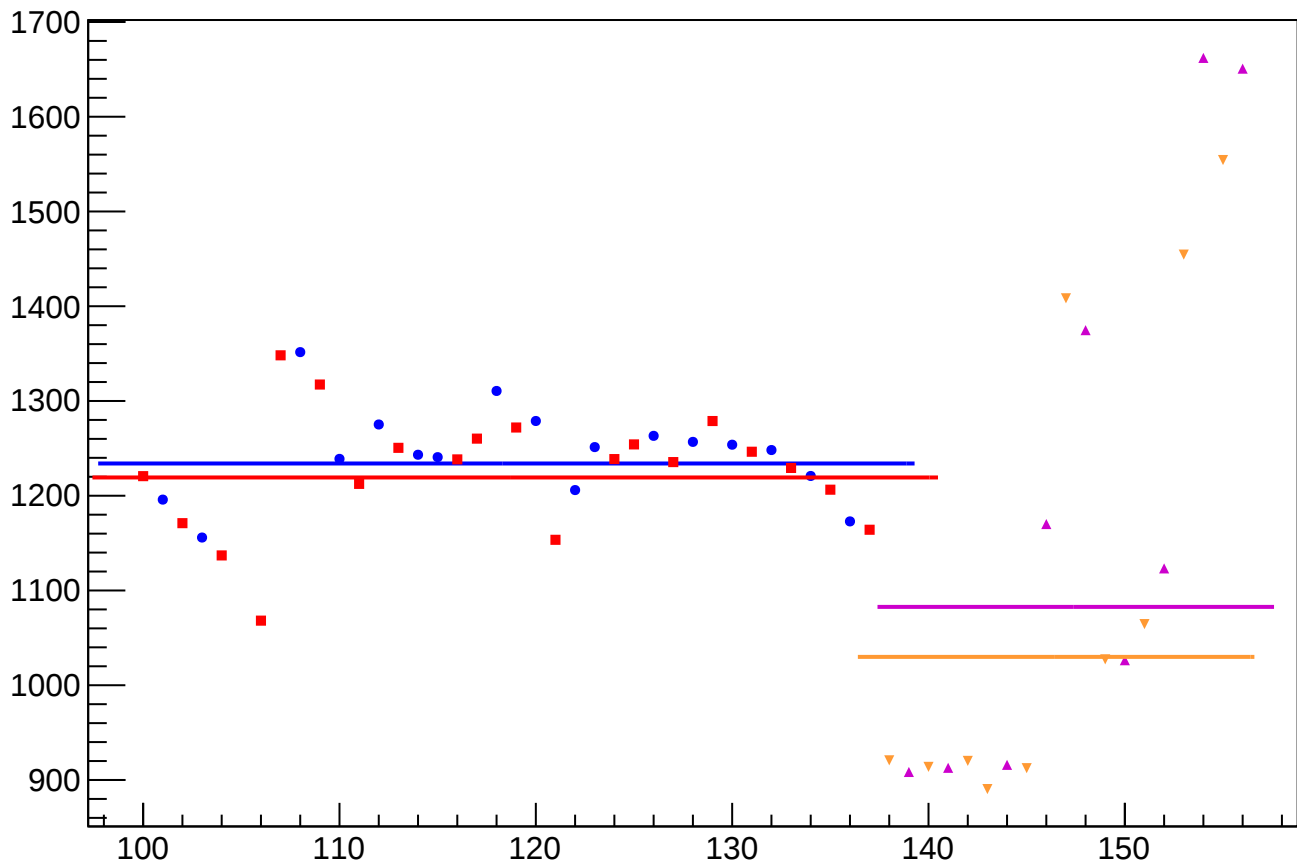
Left In: -4.923 $\pm$ 0.412 χ^2/NDF : 47.6/8

-0.404 $\pm$ 0.301 χ^2/NDF : 143.5/26

-2.176 $\pm$ 0.214 χ^2/NDF : 304.6/55

-4.000 $\pm$ 0.305 χ^2/NDF : 90.8/28

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

Left Out: 1029.919 $\pm$ 0.275 χ^2/NDF : 531282.5/9

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

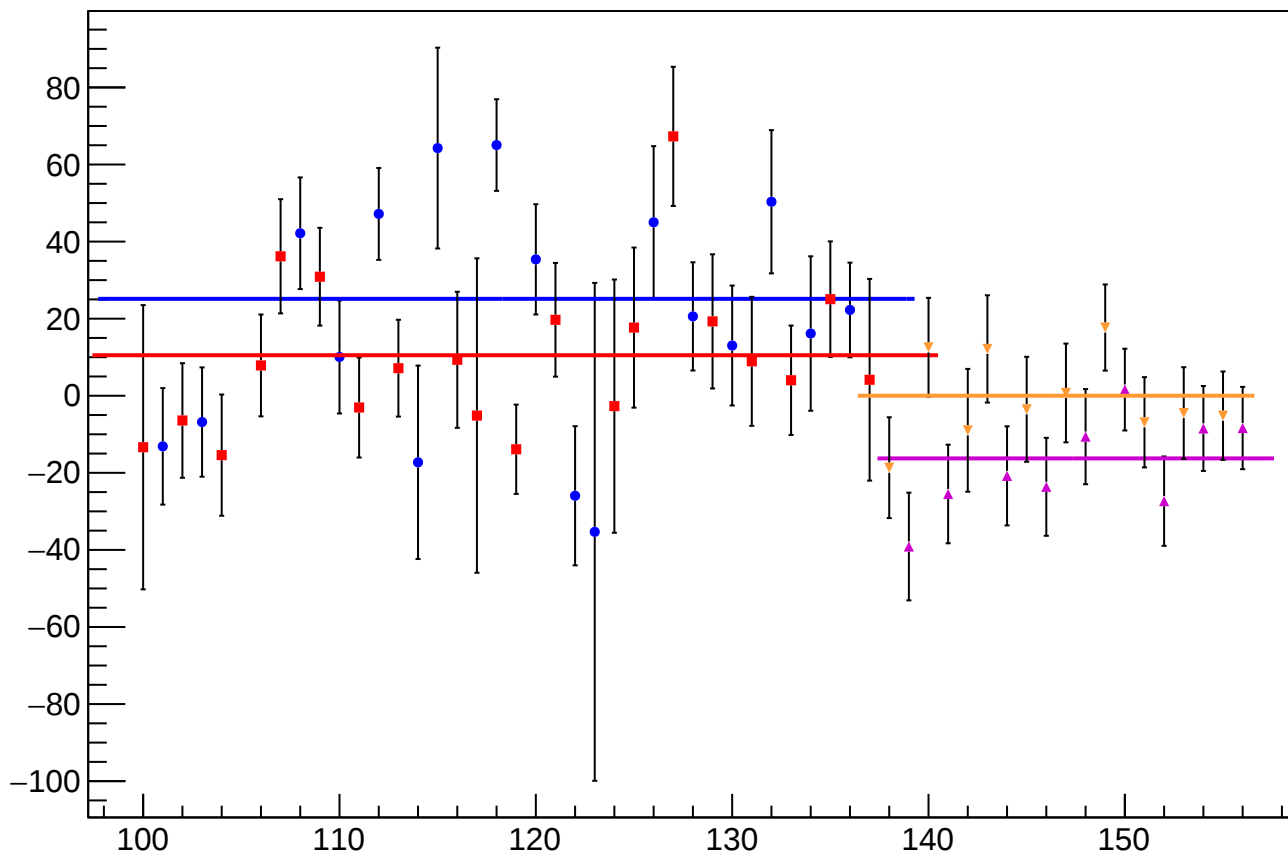
Left In: 1082.685 $\pm$ 0.291 χ^2/NDF : 634218.4/8

1111.663 $\pm$ 0.213 χ^2/NDF : 775763.1/26

1127.683 $\pm$ 0.152 χ^2/NDF : 1560994.8/55

1144.178 $\pm$ 0.216 χ^2/NDF : 773728.1/28

diff_bpm0l07X_mean vs Slug, Sign Corrected



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

Left Out: 0.007 $\pm$ 4.001 χ^2/NDF : 7.3/9

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

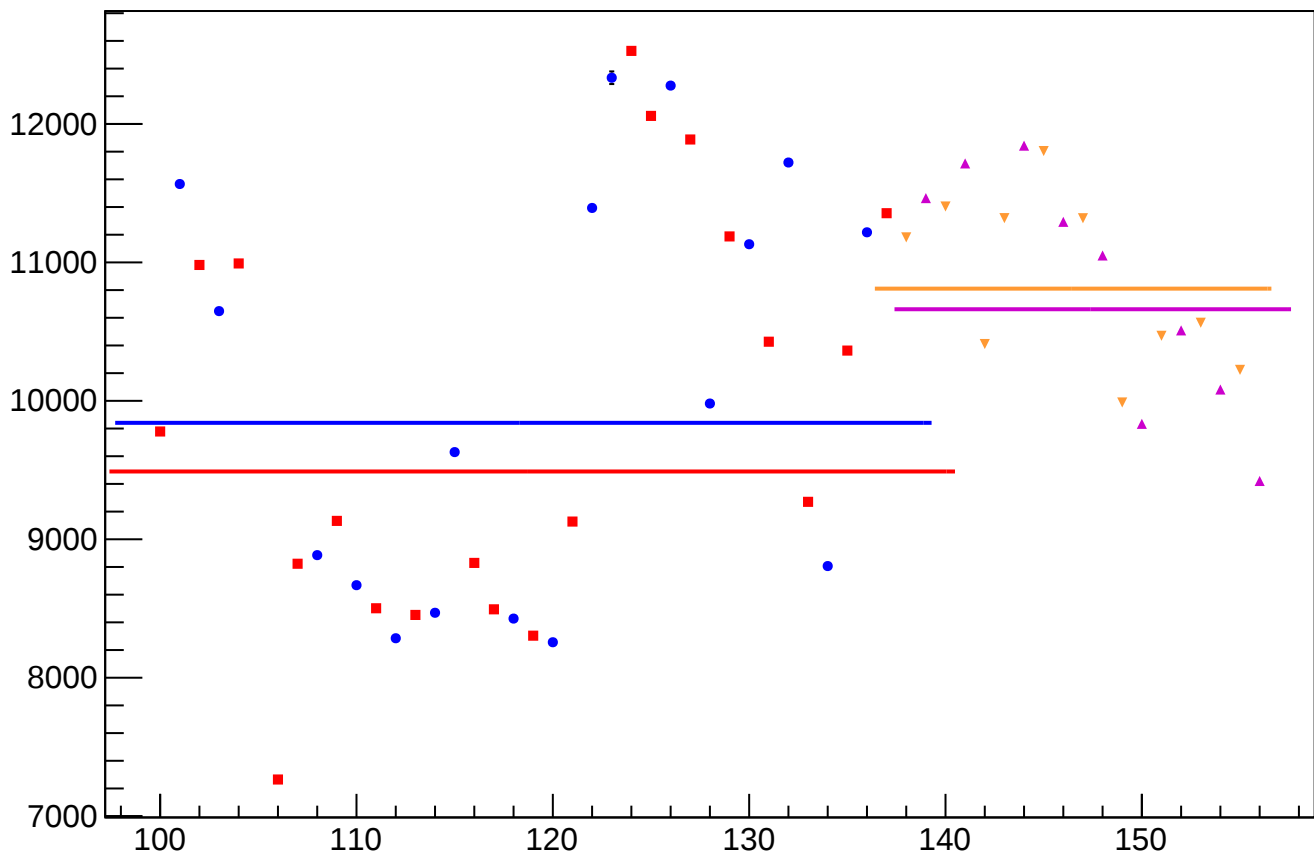
Left In: -16.259 $\pm$ 3.973 χ^2/NDF : 8.7/8

13.102 $\pm$ 2.769 χ^2/NDF : 74.8/26

5.513 $\pm$ 1.918 χ^2/NDF : 150.8/55

-1.488 $\pm$ 2.660 χ^2/NDF : 61.6/28

diff_bpm0l07X_rms vs Slug, Sign Corrected



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

Left Out: 10810.506 $\pm$ 2.829 χ^2/NDF : 42216.7/9

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

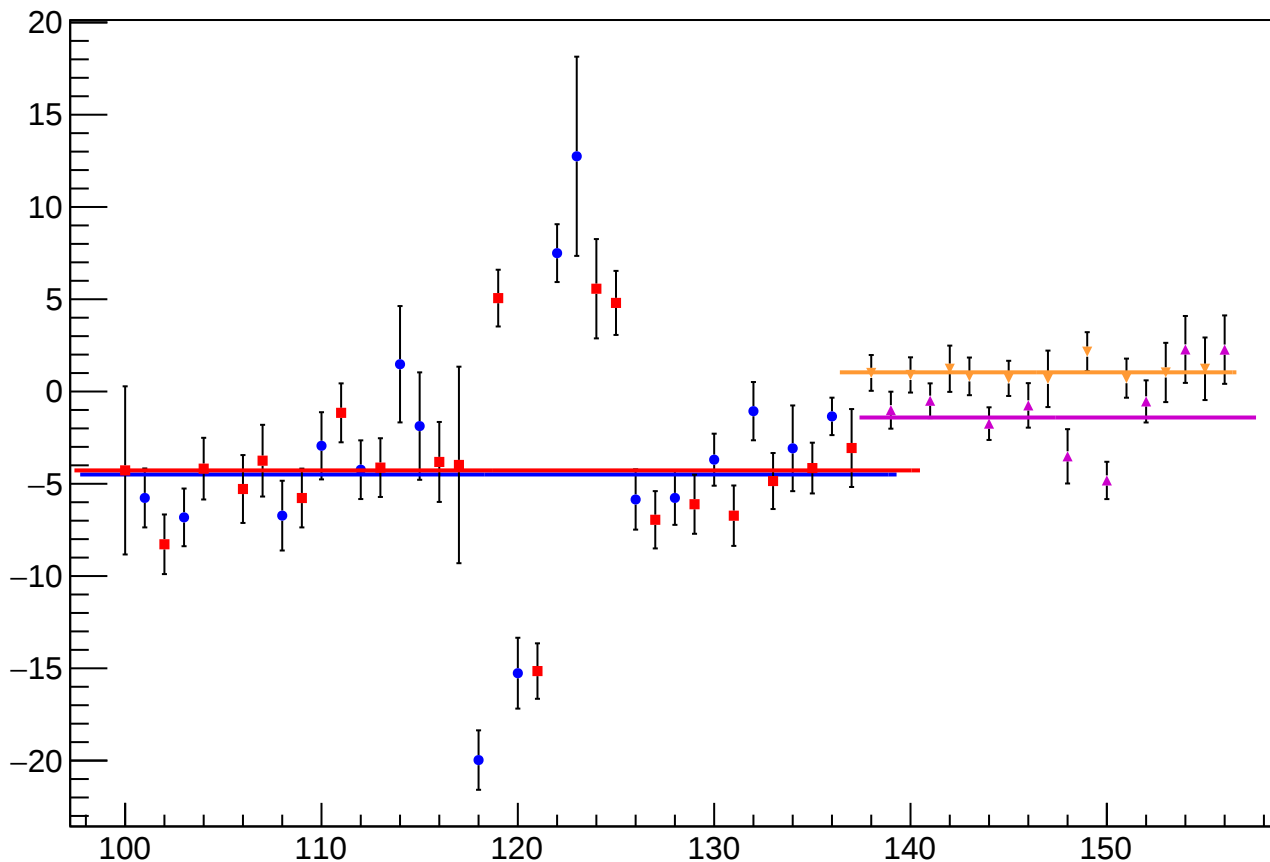
Left In: 10661.665 $\pm$ 2.809 χ^2/NDF : 89011.5/8

10305.621 $\pm$ 1.958 χ^2/NDF : 363425.5/26

10154.475 $\pm$ 1.356 χ^2/NDF : 837813.1/55

10015.058 $\pm$ 1.881 χ^2/NDF : 462935.6/28

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -4.497 $\pm$ 0.408 χ^2/NDF : 218.4/16

Left Out: 1.040 $\pm$ 0.358 χ^2/NDF : 1.5/9

Right Out: -4.275 $\pm$ 0.393 χ^2/NDF : 148.2/19

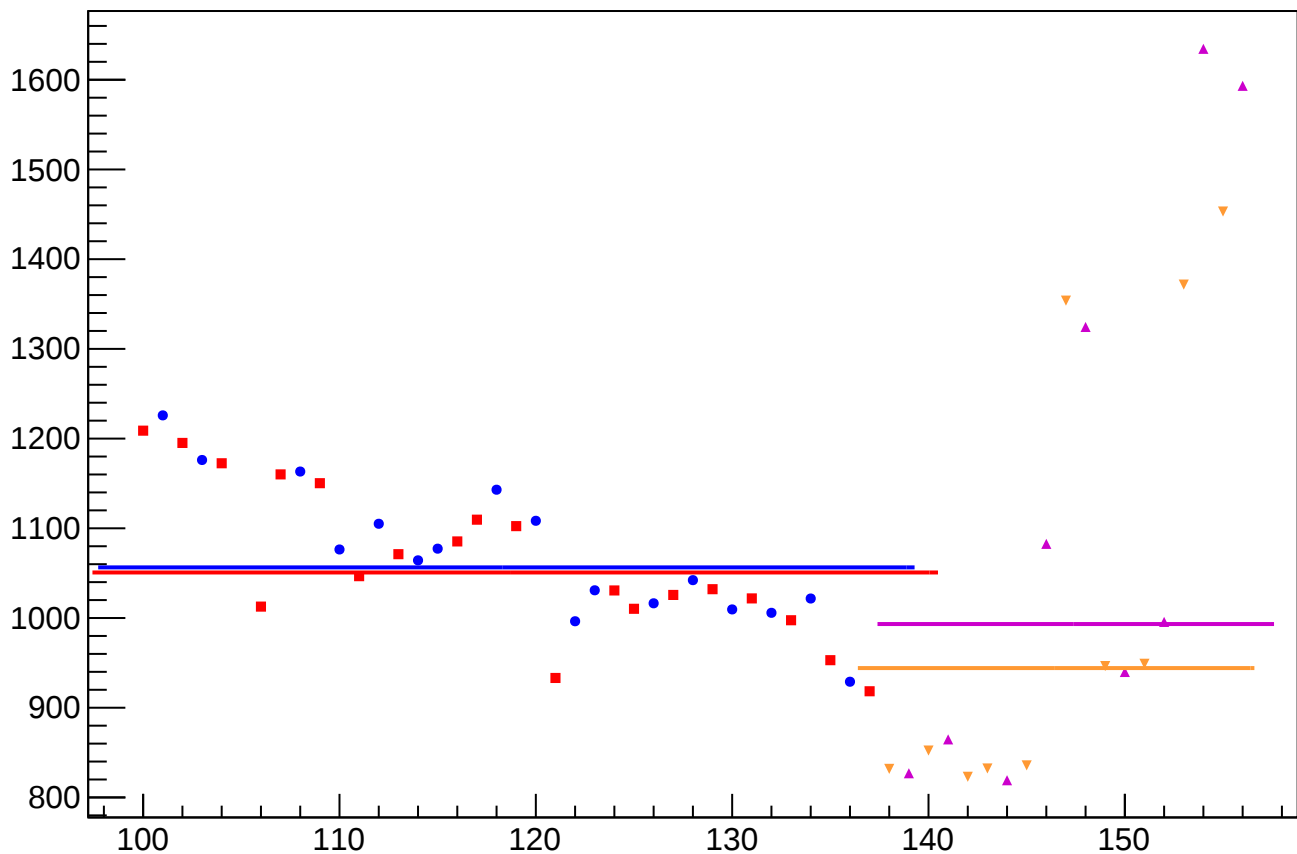
Left In: -1.409 $\pm$ 0.381 χ^2/NDF : 23.6/8

-1.367 $\pm$ 0.269 χ^2/NDF : 323.9/26

-2.071 $\pm$ 0.192 χ^2/NDF : 537.1/55

-2.798 $\pm$ 0.273 χ^2/NDF : 199.3/28

diff_bpm0l07Y_rms vs Slug, Sign Corrected



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

Left Out: 944.199 $\pm$ 0.253 χ^2/NDF : 579419.6/9

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

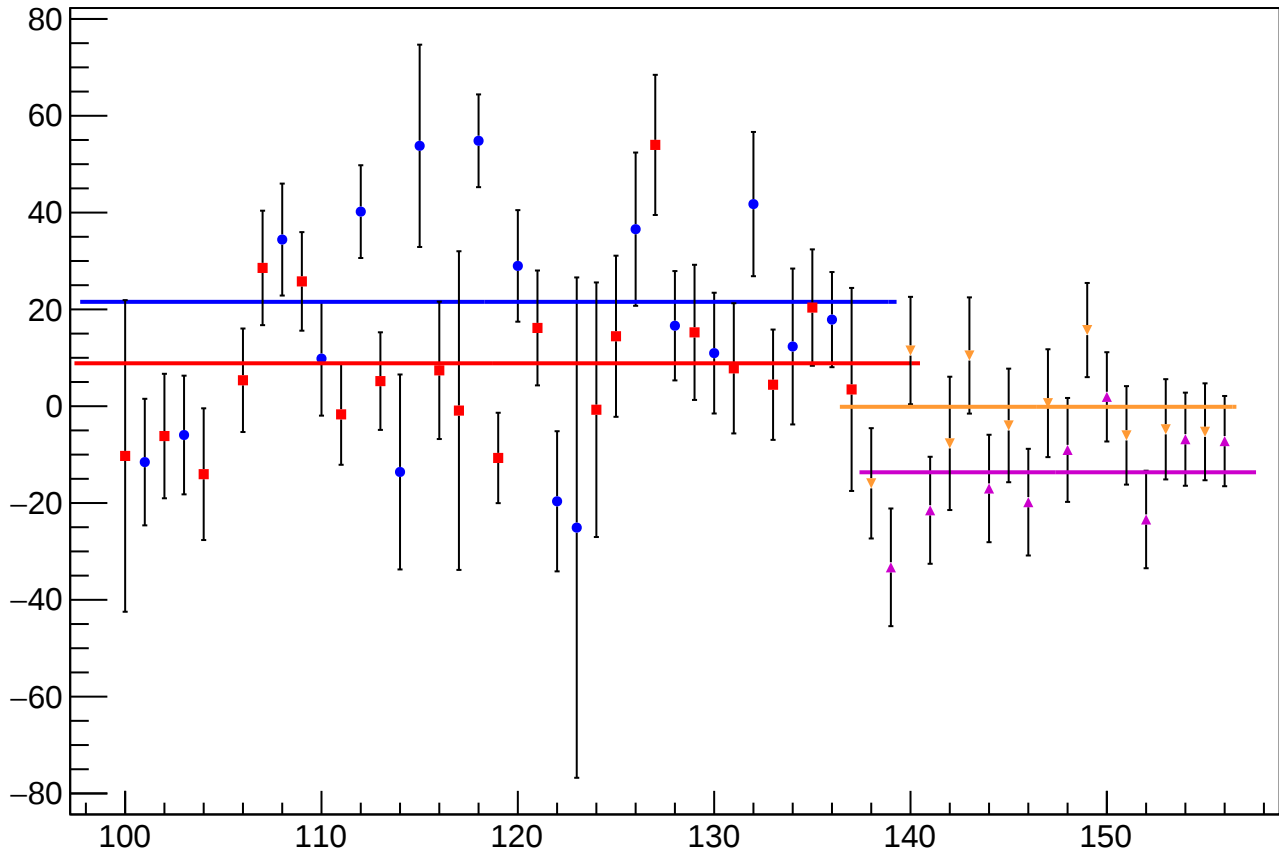
Left In: 993.288 $\pm$ 0.269 χ^2/NDF : 747425.7/8

992.989 $\pm$ 0.190 χ^2/NDF : 755680.4/26

1006.838 $\pm$ 0.136 χ^2/NDF : 1618585.3/55

1021.138 $\pm$ 0.193 χ^2/NDF : 852138.3/28

diff_bpm0l08X_mean vs Slug, Sign Corrected



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

Left Out: -0.122 $\pm$ 3.473 χ^2/NDF : 7.7/9

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

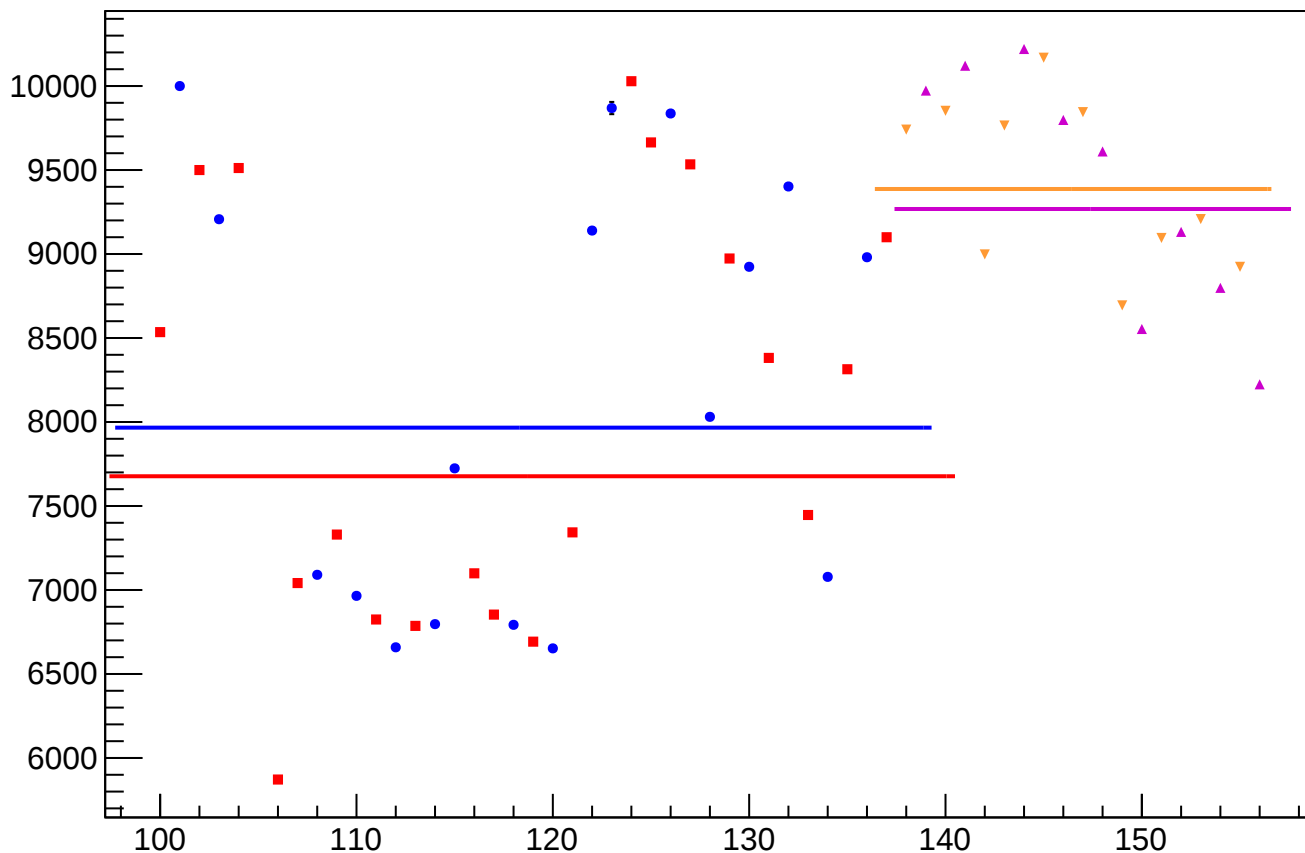
Left In: -13.649 $\pm$ 3.452 χ^2/NDF : 8.5/8

11.912 $\pm$ 2.317 χ^2/NDF : 77.7/26

5.468 $\pm$ 1.603 χ^2/NDF : 153.5/55

-0.451 $\pm$ 2.221 χ^2/NDF : 60.9/28

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

Left Out: 9387.053 +/- 2.456 χ^2/NDF : 37936.1/9

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

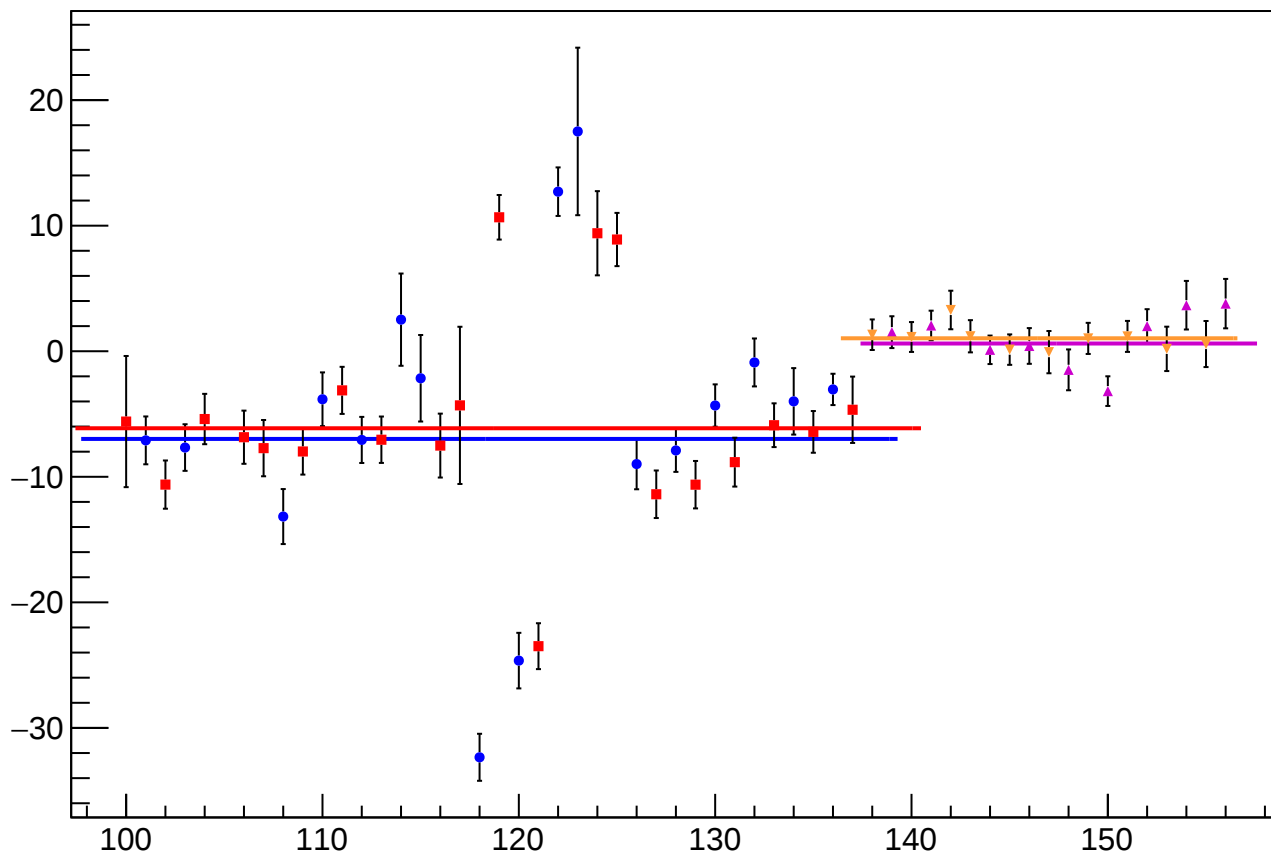
Left In: 9267.960 +/- 2.441 χ^2/NDF : 82226.5/8

8598.610 +/- 1.638 χ^2/NDF : 520222.8/26

8461.405 +/- 1.134 χ^2/NDF : 1181183.5/55

8335.377 +/- 1.570 χ^2/NDF : 647507.1/28

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

Left Out: 1.032 ± 0.431 χ^2/NDF : 3.5/9

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

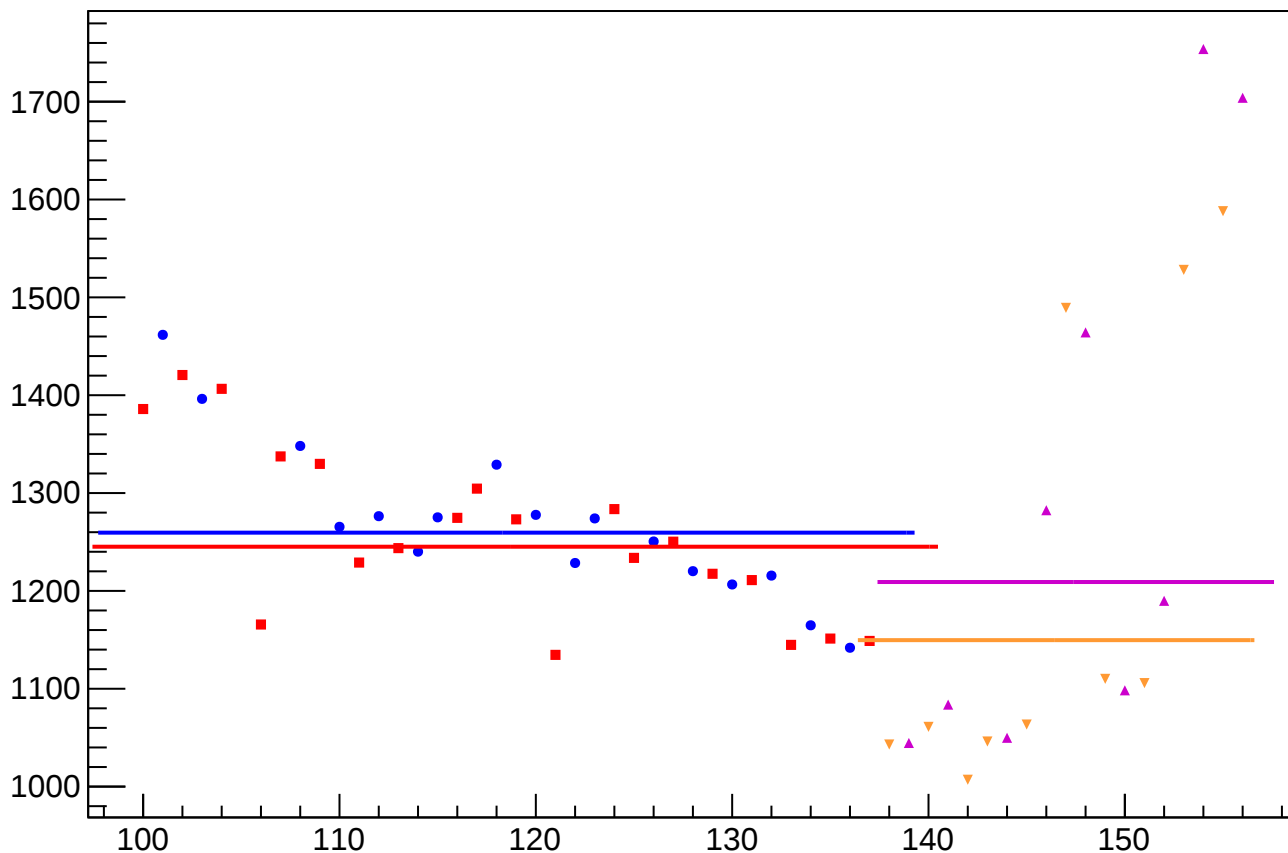
Left In: 0.615 ± 0.457 χ^2/NDF : 20.3/8

-2.500 ± 0.323 χ^2/NDF : 564.1/26

-2.599 ± 0.229 χ^2/NDF : 969.2/55

-2.700 ± 0.326 χ^2/NDF : 405.0/28

diff_bpm0l08Y_rms vs Slug, Sign Corrected



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

Left Out: 1149.674 $\pm$ 0.305 χ^2 /NDF: 358800.0/9

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

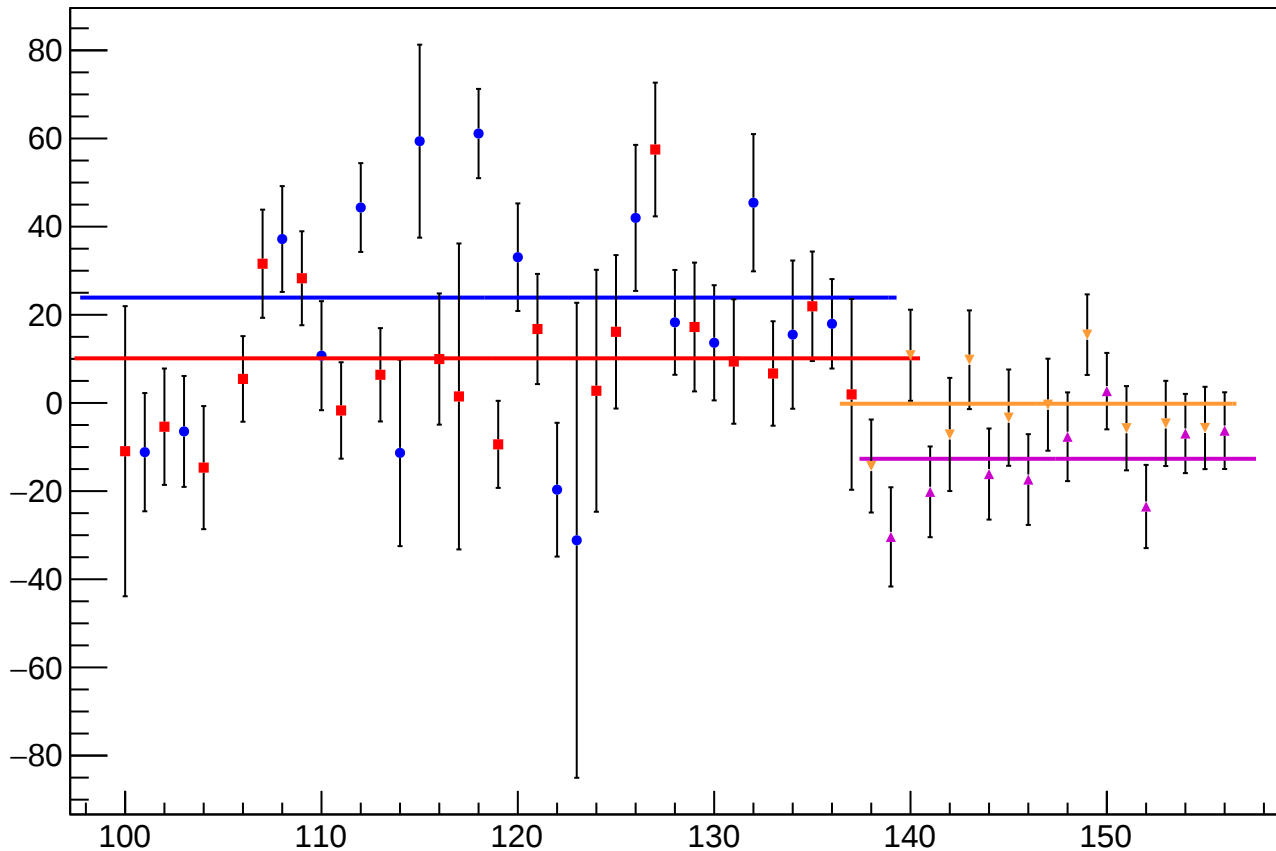
Left In: 1209.082 $\pm$ 0.323 χ^2 /NDF: 453241.2/8

1198.076 $\pm$ 0.228 χ^2 /NDF: 480769.0/26

1212.289 $\pm$ 0.162 χ^2 /NDF: 1014977.7/55

1226.804 $\pm$ 0.231 χ^2 /NDF: 526367.3/28

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.904 ± 3.251 $\chi^2/\text{NDF}: 52.4/16$

Left Out: -0.170 ± 3.244 $\chi^2/\text{NDF}: 7.9/9$

Right Out: 10.125 ± 2.994 $\chi^2/\text{NDF}: 28.0/19$

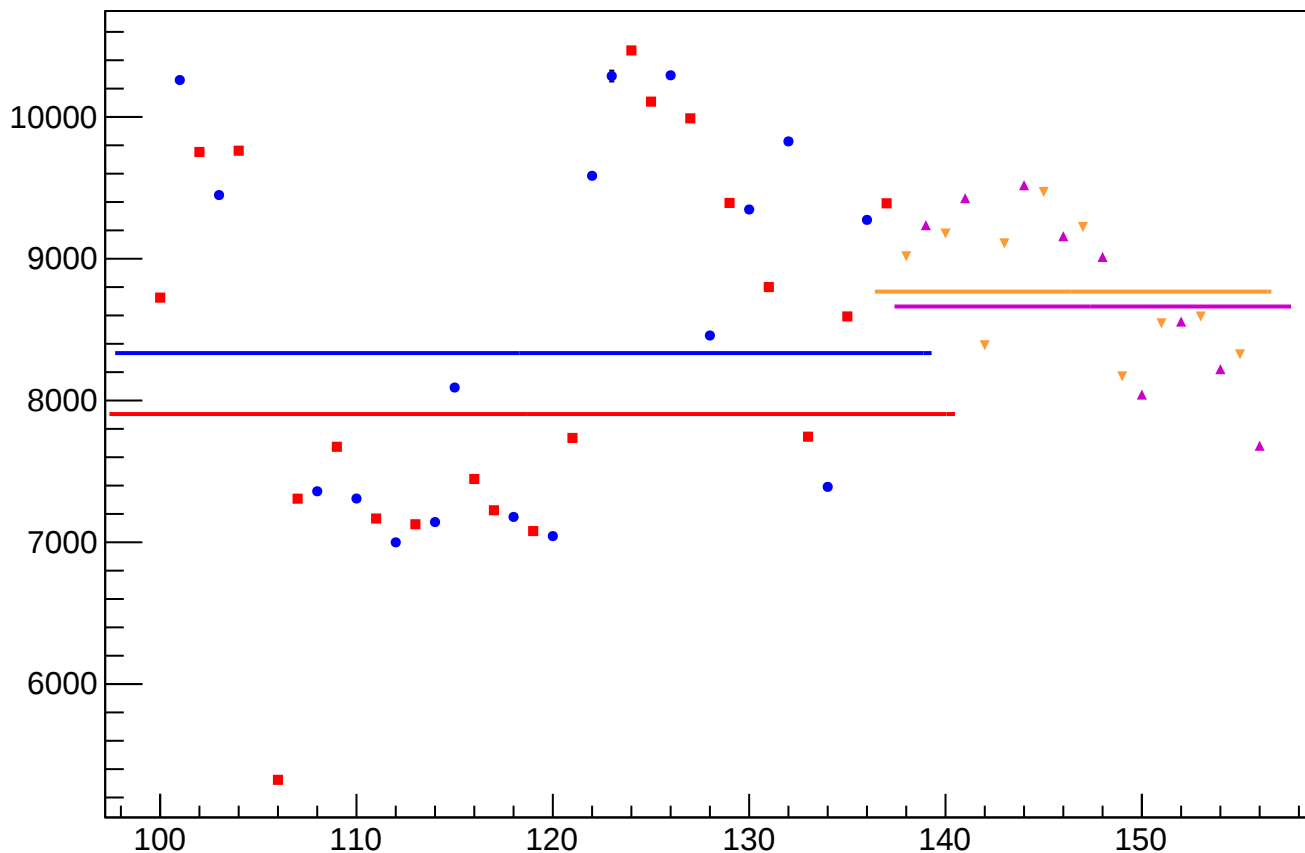
Left In: -12.668 ± 3.226 $\chi^2/\text{NDF}: 9.0/8$

11.843 ± 2.296 $\chi^2/\text{NDF}: 87.9/26$

5.432 ± 1.587 $\chi^2/\text{NDF}: 166.6/55$

-0.424 ± 2.195 $\chi^2/\text{NDF}: 63.8/28$

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

Left Out: 8768.116 $\pm$ 2.294 χ^2 /NDF: 34718.8/9

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

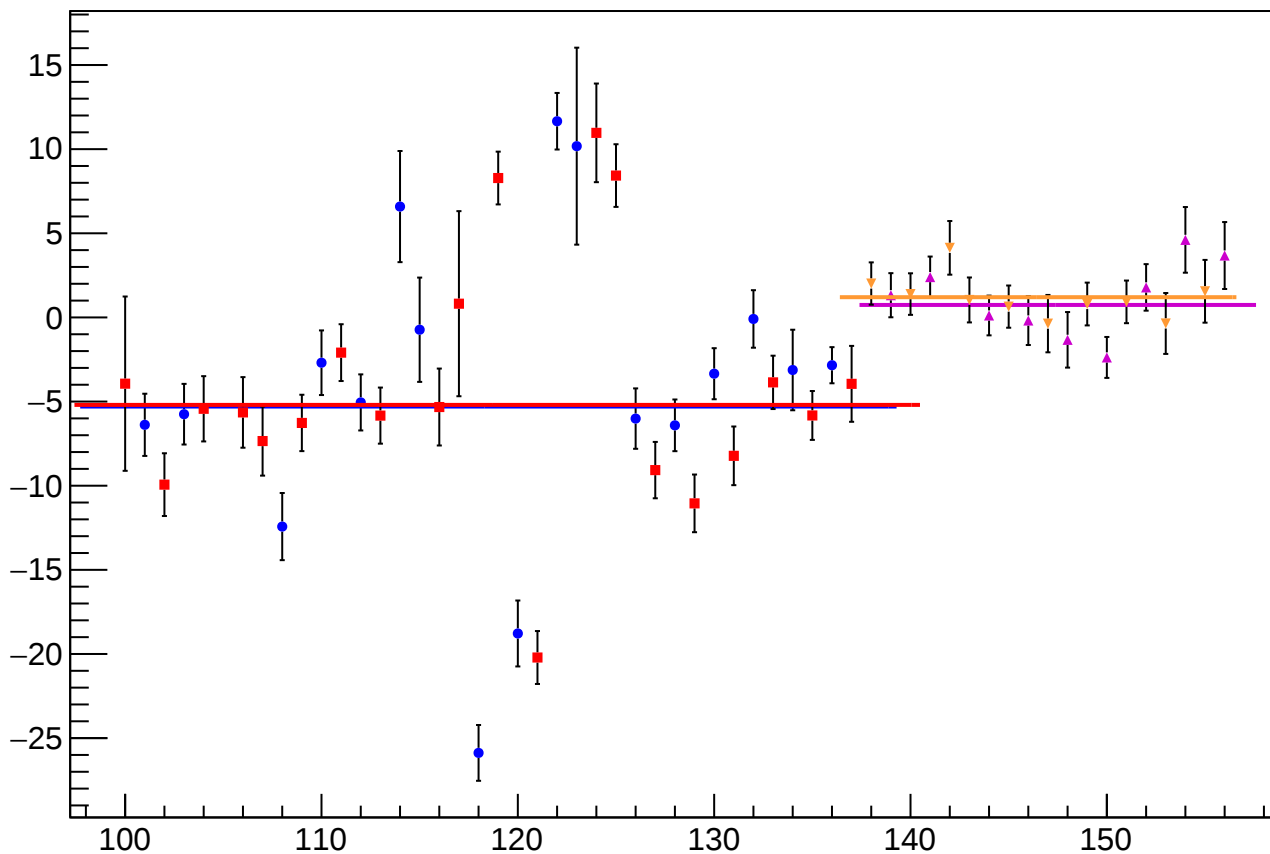
Left In: 8663.025 $\pm$ 2.281 χ^2 /NDF: 77753.4/8

8551.760 $\pm$ 1.624 χ^2 /NDF: 324852.3/26

8396.976 $\pm$ 1.122 χ^2 /NDF: 870979.1/55

8255.570 $\pm$ 1.552 χ^2 /NDF: 528735.6/28

diff_bpm0l09Y_mean vs Slug, Sign Corrected



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

Left Out: 1.202 $\pm$ 0.445 χ^2/NDF : 5.8/9

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

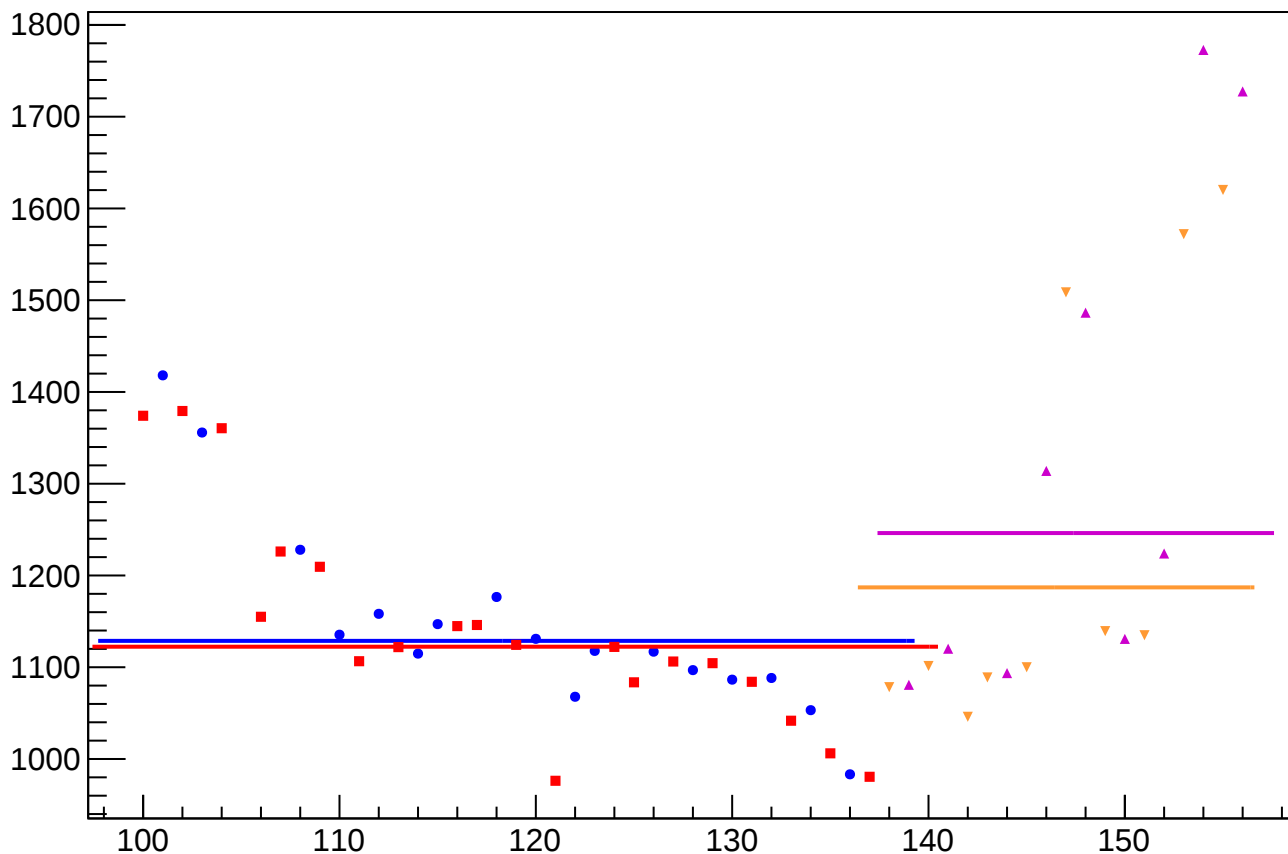
Left In: 0.742 $\pm$ 0.470 χ^2/NDF : 17.6/8

-2.104 $\pm$ 0.312 χ^2/NDF : 472.6/26

-2.330 $\pm$ 0.221 χ^2/NDF : 863.0/55

-2.559 $\pm$ 0.313 χ^2/NDF : 389.3/28

diff_bpm0l09Y_rms vs Slug, Sign Corrected



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

Left Out: 1187.030 ± 0.314 $\chi^2/\text{NDF}: 336423.9/9$

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

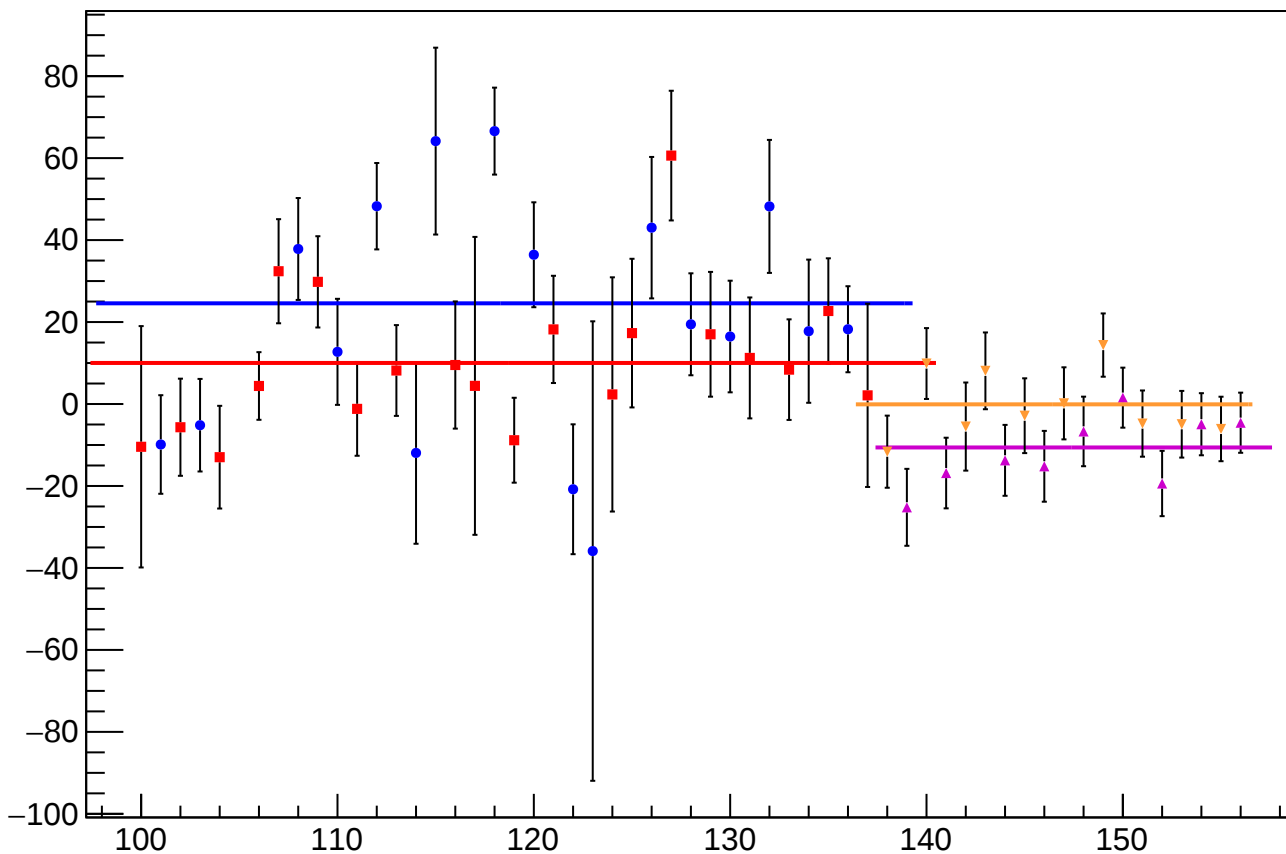
Left In: 1246.229 ± 0.332 $\chi^2/\text{NDF}: 414444.1/8$

1157.364 ± 0.220 $\chi^2/\text{NDF}: 487007.6/26$

1167.329 ± 0.156 $\chi^2/\text{NDF}: 1112323.3/55$

1177.407 ± 0.222 $\chi^2/\text{NDF}: 621202.8/28$

diff_bpm0l10X_mean vs Slug, Sign Corrected



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

Left Out: -0.079 $\pm$ 2.725 χ^2/NDF : 8.9/9

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

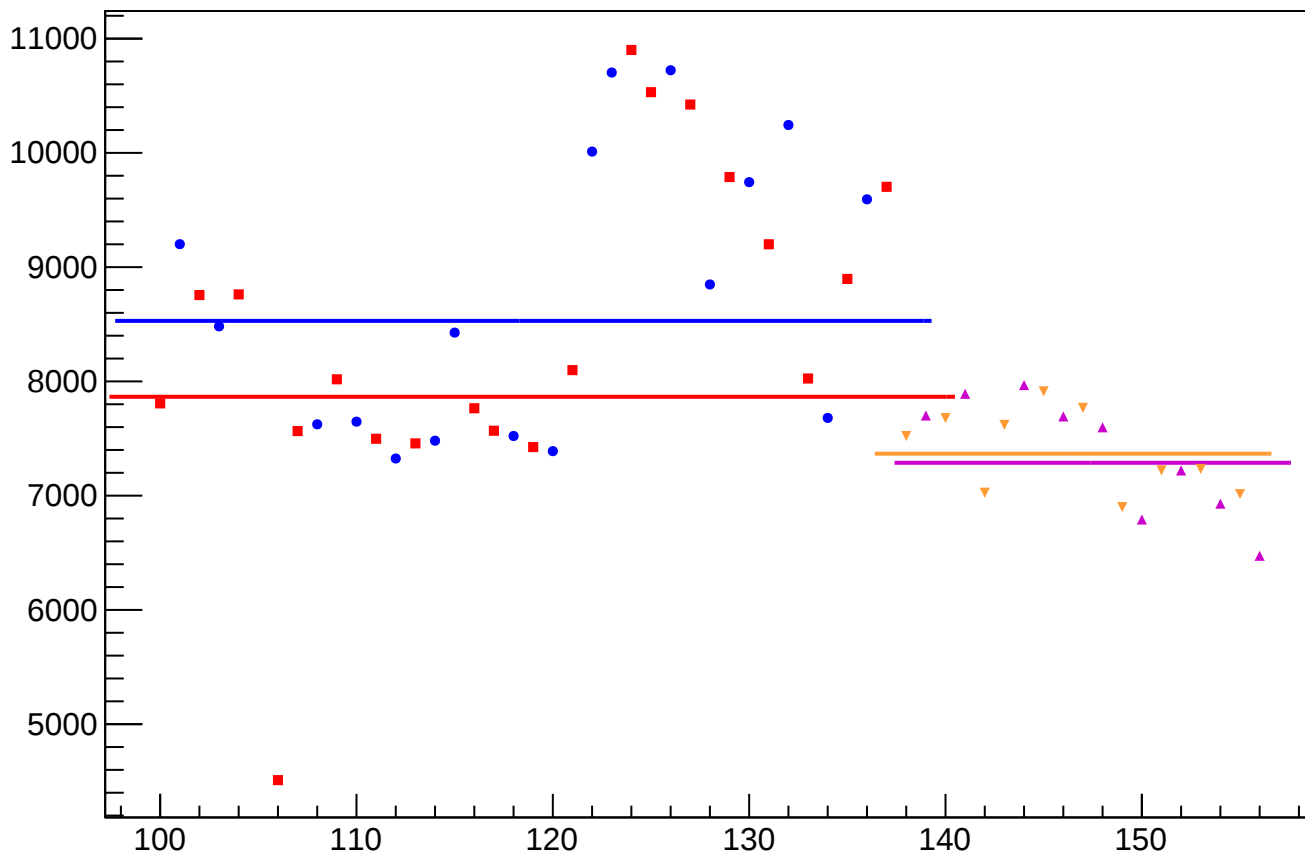
Left In: -10.602 $\pm$ 2.713 χ^2/NDF : 8.8/8

9.849 $\pm$ 2.106 χ^2/NDF : 100.0/26

4.010 $\pm$ 1.455 χ^2/NDF : 178.3/55

-1.316 $\pm$ 2.011 χ^2/NDF : 63.6/28

diff_bpm0l10X_rms vs Slug, Sign Corrected



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

Left Out: 7367.442+/-1.927 χ^2/NDF : 30536.2/9

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

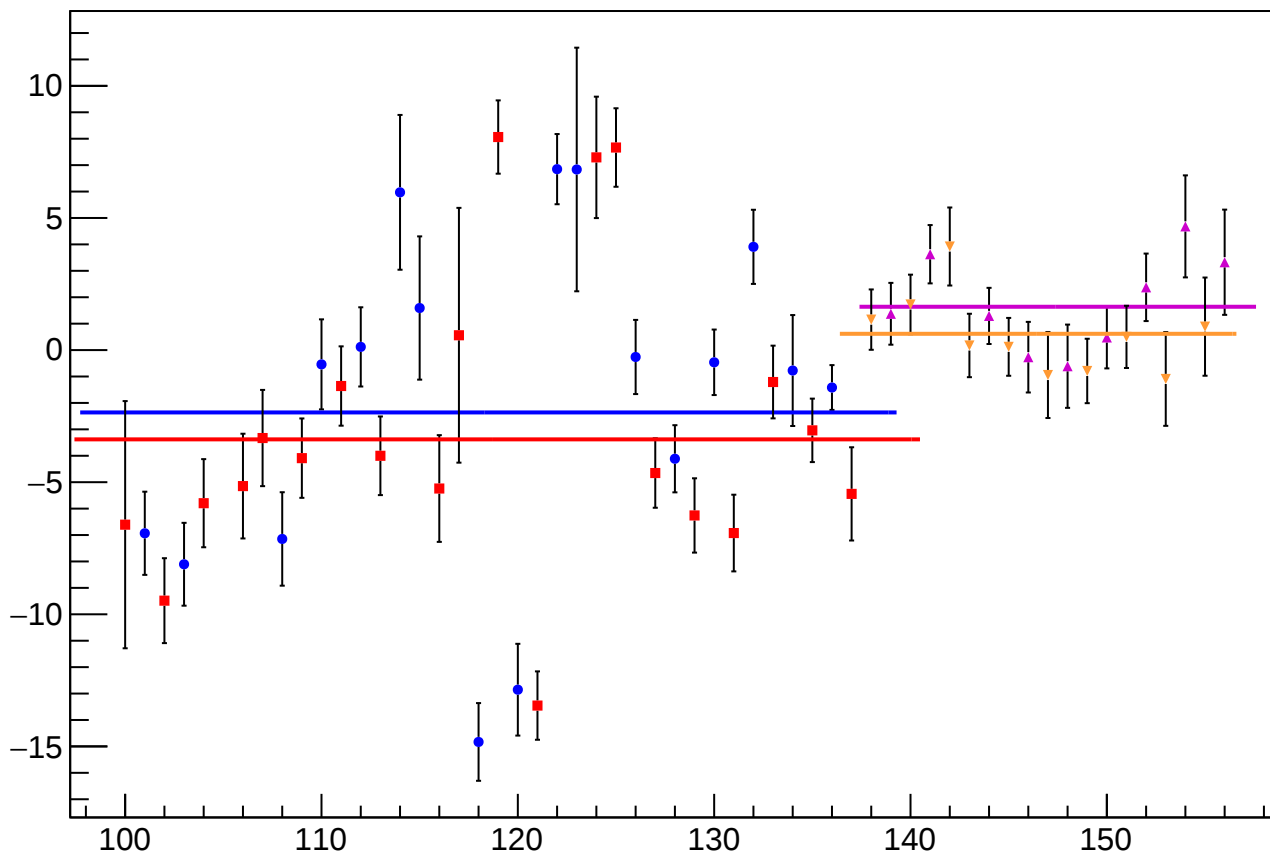
Left In: 7287.837+/-1.918 χ^2/NDF : 71554.5/8

7835.614+/-1.489 χ^2/NDF : 385432.9/26

7685.204+/-1.029 χ^2/NDF : 1073310.5/55

7547.994+/-1.422 χ^2/NDF : 668369.4/28

diff_bpm0l10Y_mean vs Slug, Sign Corrected



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

Left Out: 0.616 ± 0.411 χ^2/NDF : 9.7/9

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

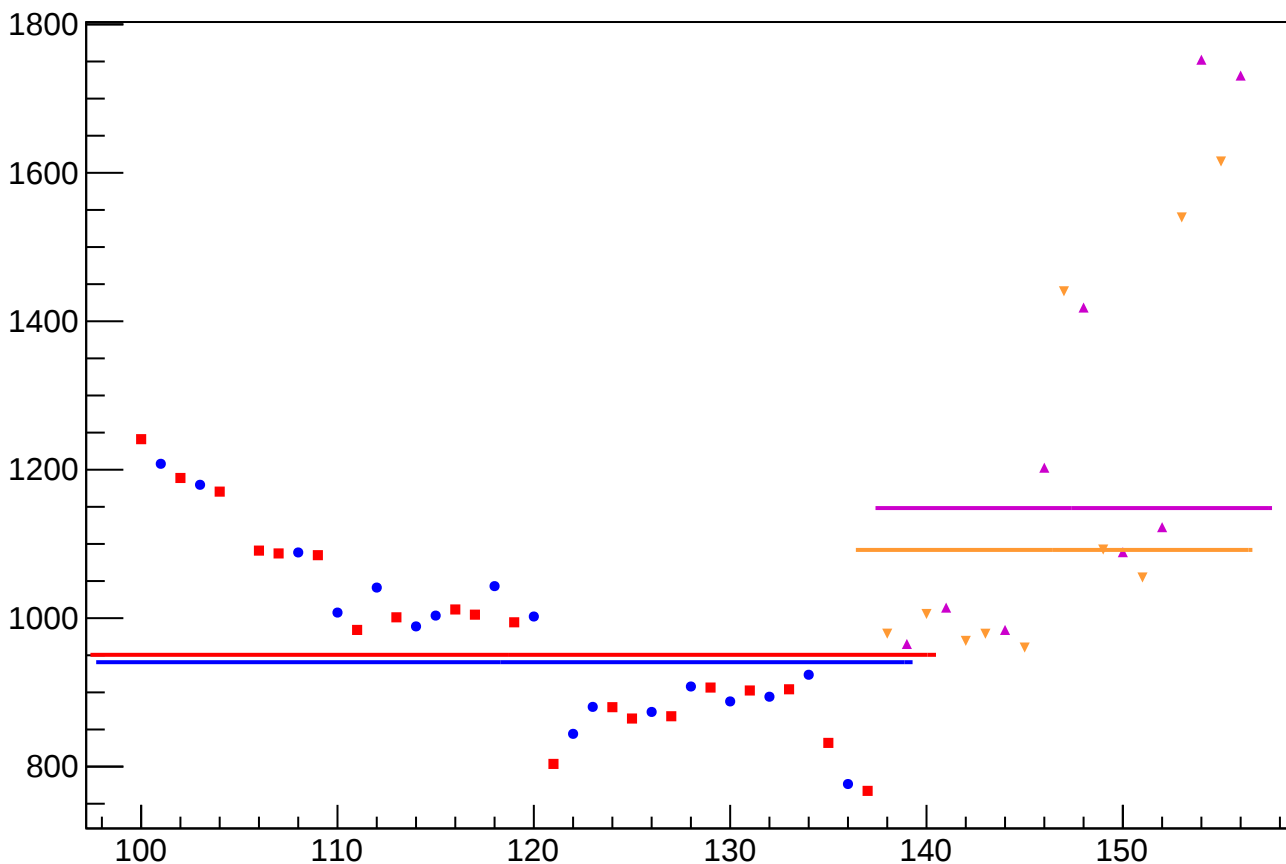
Left In: 1.640 ± 0.436 χ^2/NDF : 12.0/8

-1.046 ± 0.273 χ^2/NDF : 271.0/26

-1.202 ± 0.194 χ^2/NDF : 605.1/55

-1.363 ± 0.276 χ^2/NDF : 333.4/28

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

Left Out: 1091.943+/-0.291 χ^2/NDF : 471282.2/9

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

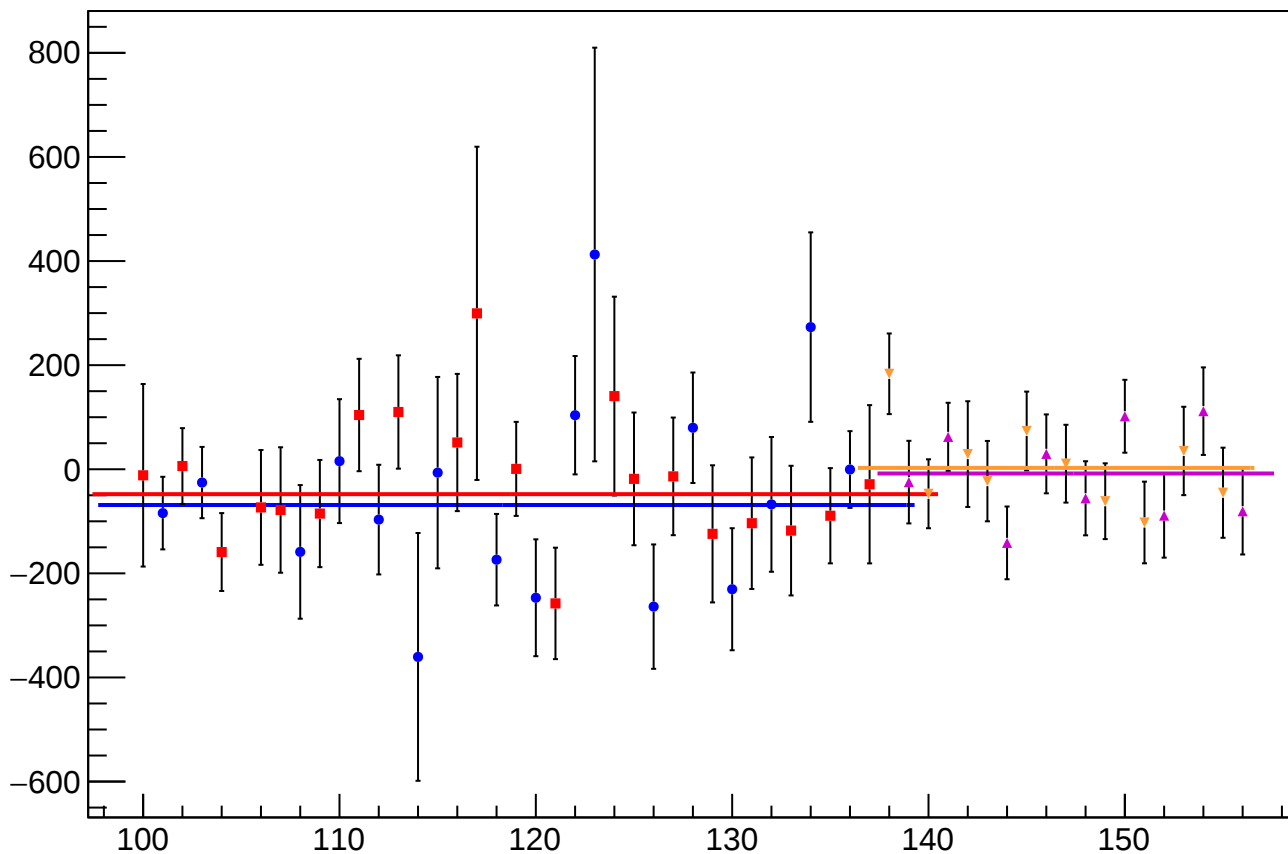
Left In: 1148.324+/-0.308 χ^2/NDF : 561375.0/8

1007.486+/-0.193 χ^2/NDF : 864289.3/26

1018.634+/-0.137 χ^2/NDF : 1899463.7/55

1030.039+/-0.195 χ^2/NDF : 1028435.3/28

diff_bpm0r03X_mean vs Slug, Sign Corrected



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

Left Out: 2.590 $\pm$ 24.719 χ^2/NDF : 10.1/9

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

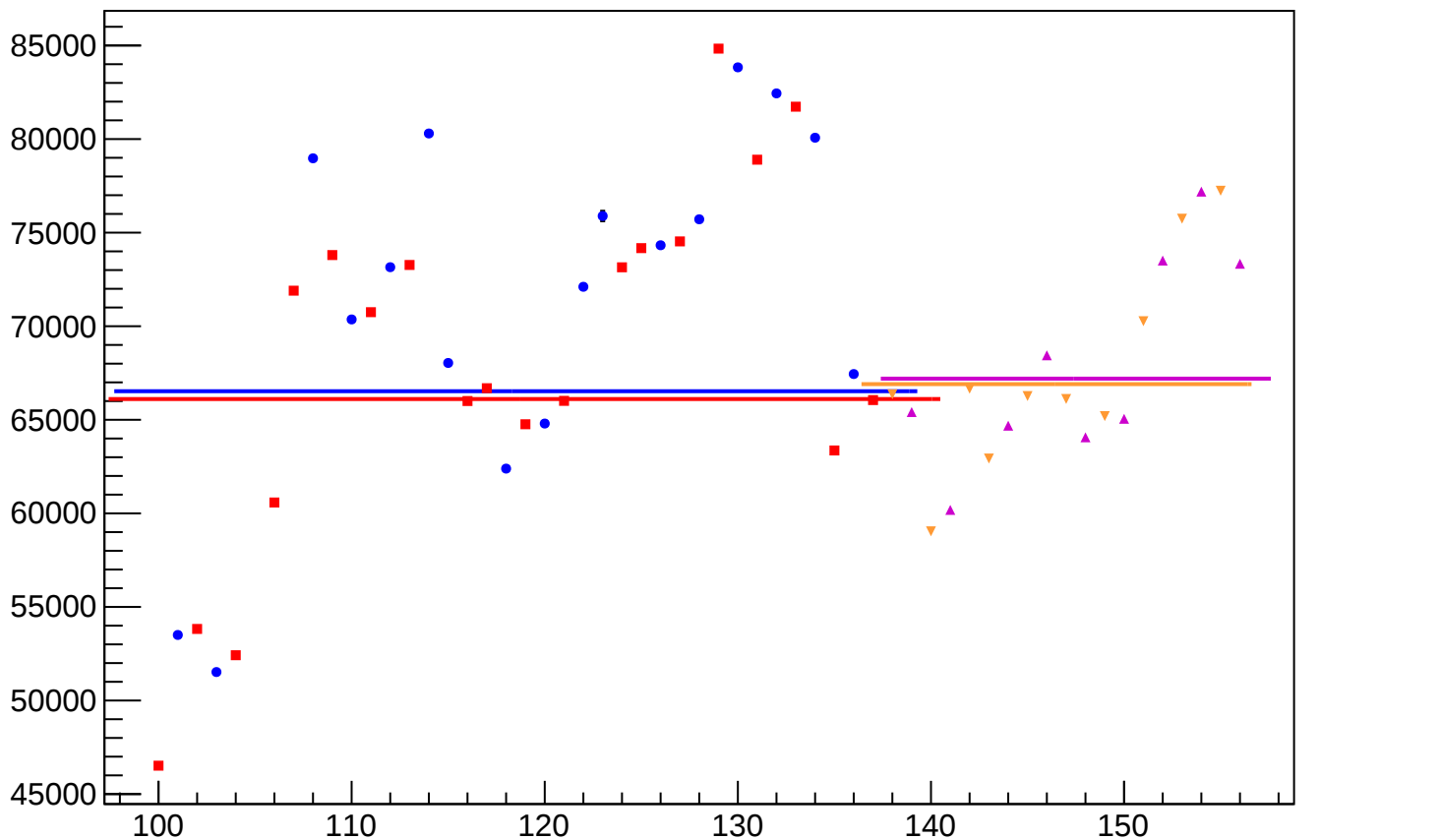
Left In: -8.118 $\pm$ 24.914 χ^2/NDF : 11.8/8

-31.325 $\pm$ 17.897 χ^2/NDF : 35.8/26

-29.613 $\pm$ 12.559 χ^2/NDF : 64.1/55

-27.953 $\pm$ 17.627 χ^2/NDF : 28.3/28

diff_bpm0r03X_rms vs Slug, Sign Corrected



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

Left Out: 66905.806+/-17.479 χ^2/NDF : 88965.9/9

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

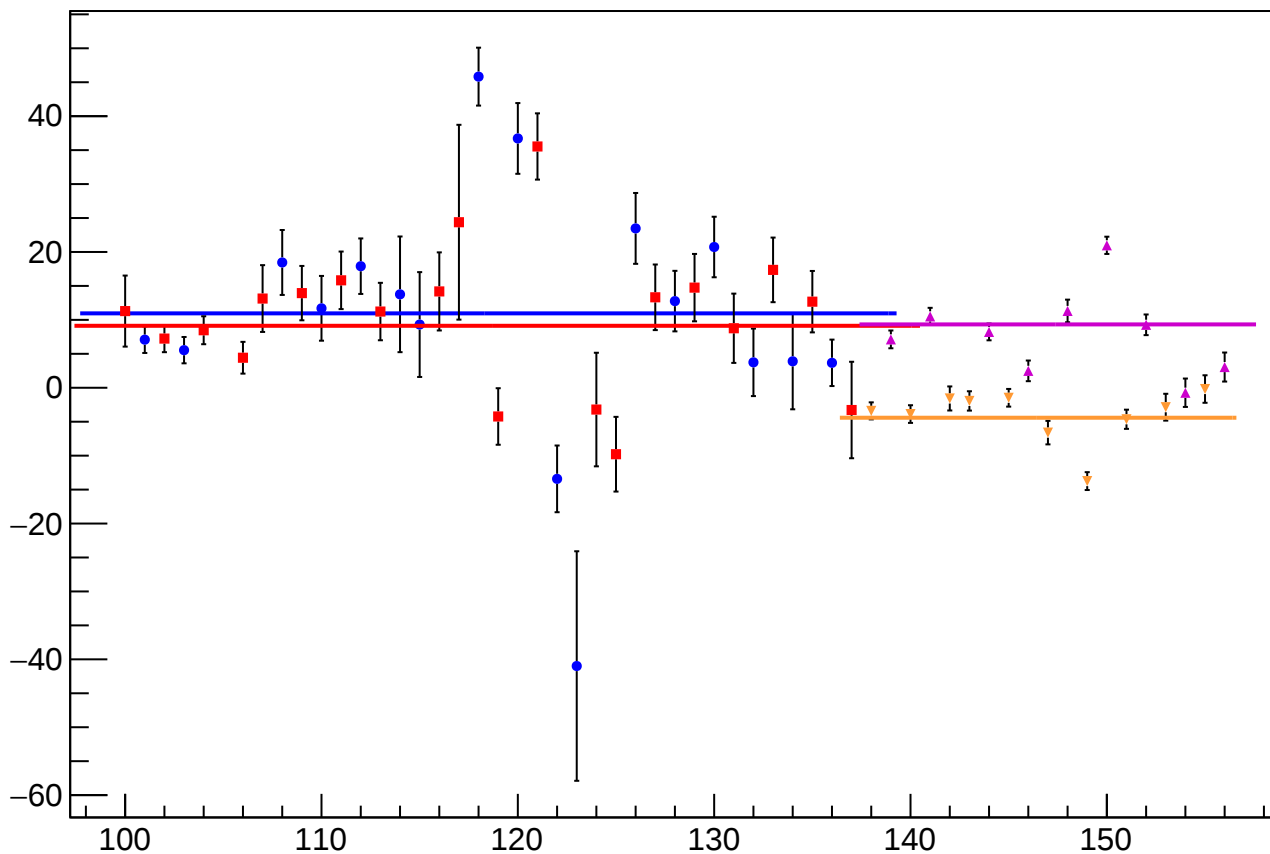
Left In: 67199.219+/-17.617 χ^2/NDF : 84140.7/8

66725.687+/-12.655 χ^2/NDF : 410076.3/26

66689.783+/-8.880 χ^2/NDF : 794636.1/55

66654.955+/-12.464 χ^2/NDF : 384544.0/28

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

Left Out: -4.414 ± 0.469 χ^2/NDF : 68.4/9

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

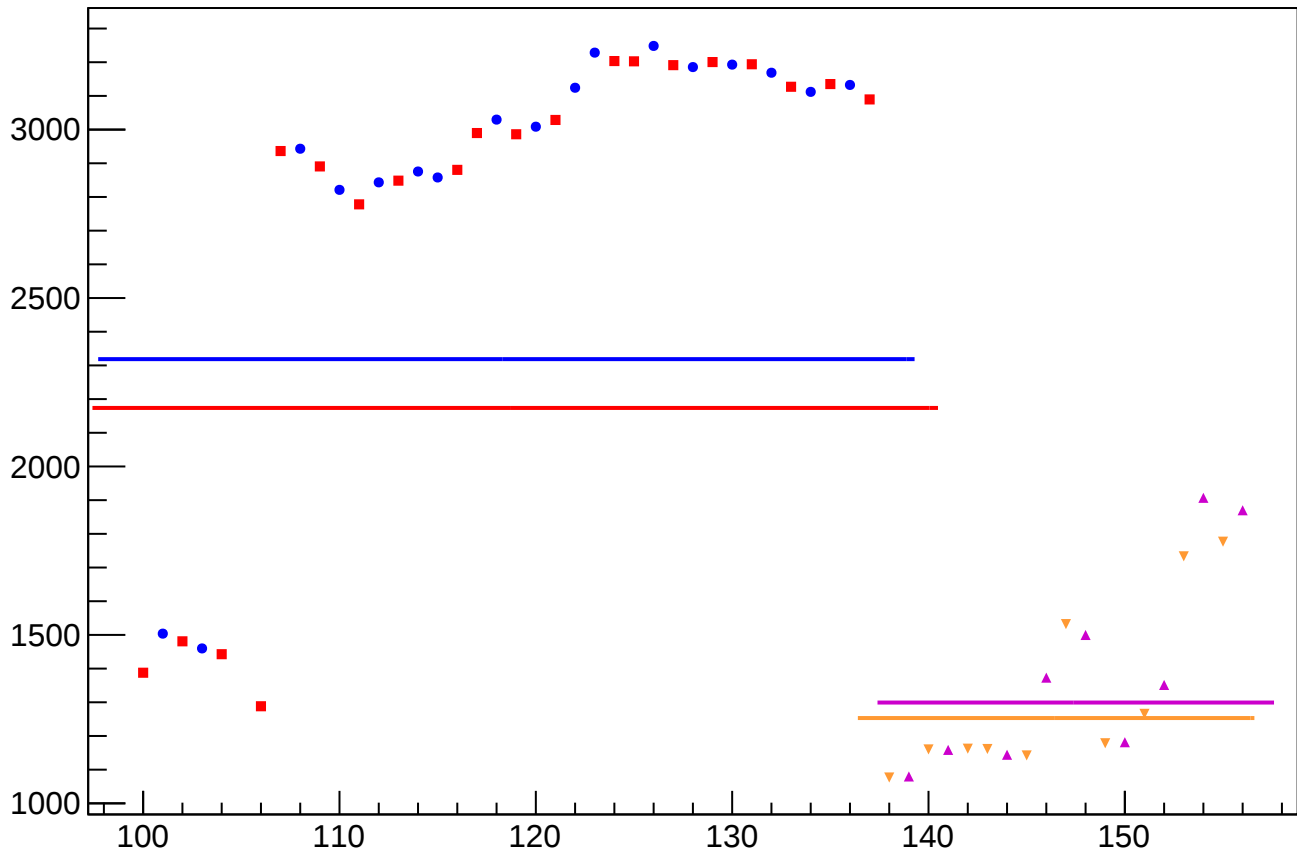
Left In: 9.331 ± 0.490 χ^2/NDF : 142.0/8

-1.362 ± 0.420 χ^2/NDF : 442.2/26

3.880 ± 0.299 χ^2/NDF : 974.3/55

9.281 ± 0.427 χ^2/NDF : 216.2/28

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

Left Out: 1253.217 $\pm$ 0.332 χ^2/NDF : 387910.4/9

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

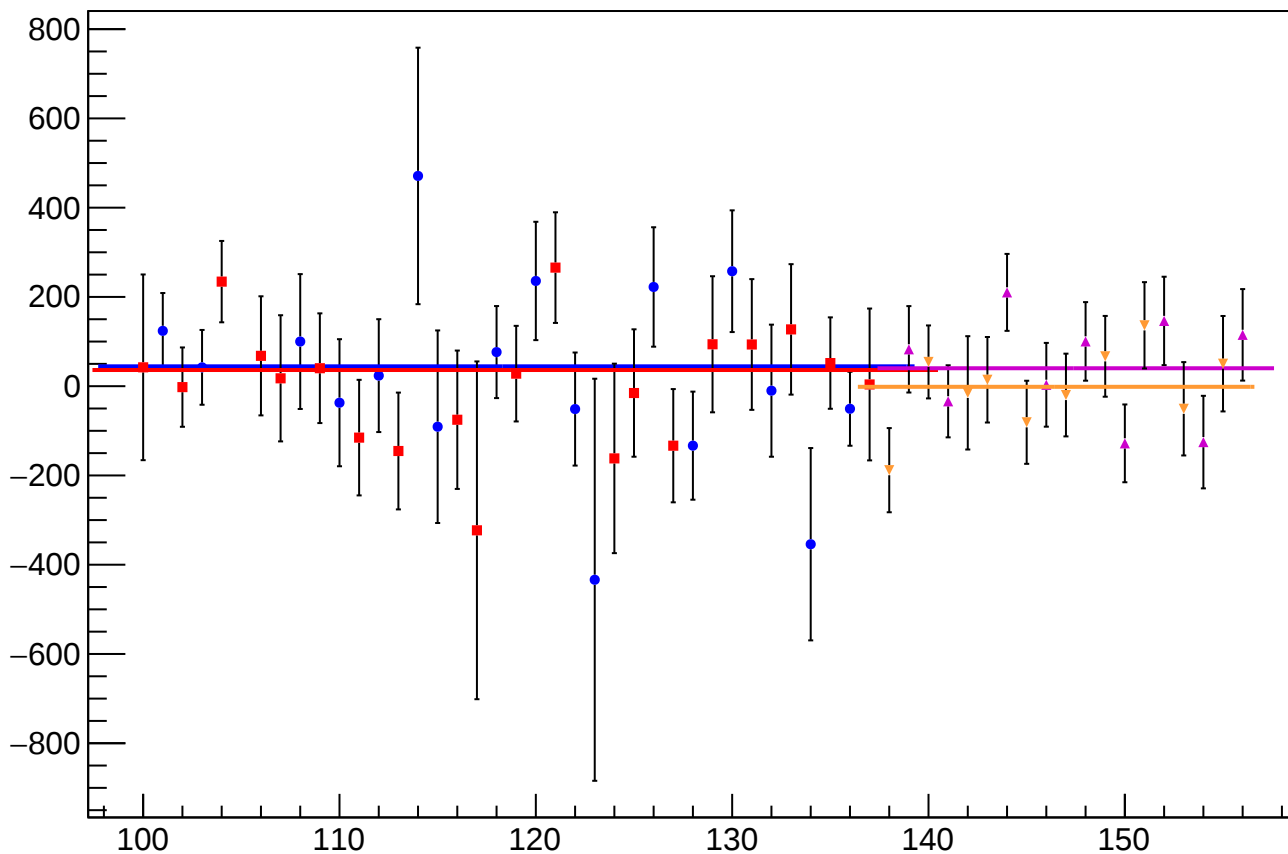
Left In: 1299.233 $\pm$ 0.347 χ^2/NDF : 477185.7/8

1464.758 $\pm$ 0.297 χ^2/NDF : 3841446.0/26

1488.053 $\pm$ 0.212 χ^2/NDF : 7638933.2/55

1512.055 $\pm$ 0.302 χ^2/NDF : 3785011.7/28

diff_bpm0r05X_mean vs Slug, Sign Corrected



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

Left Out: -1.396 $\pm$ 30.532 χ^2/NDF : 8.3/9

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

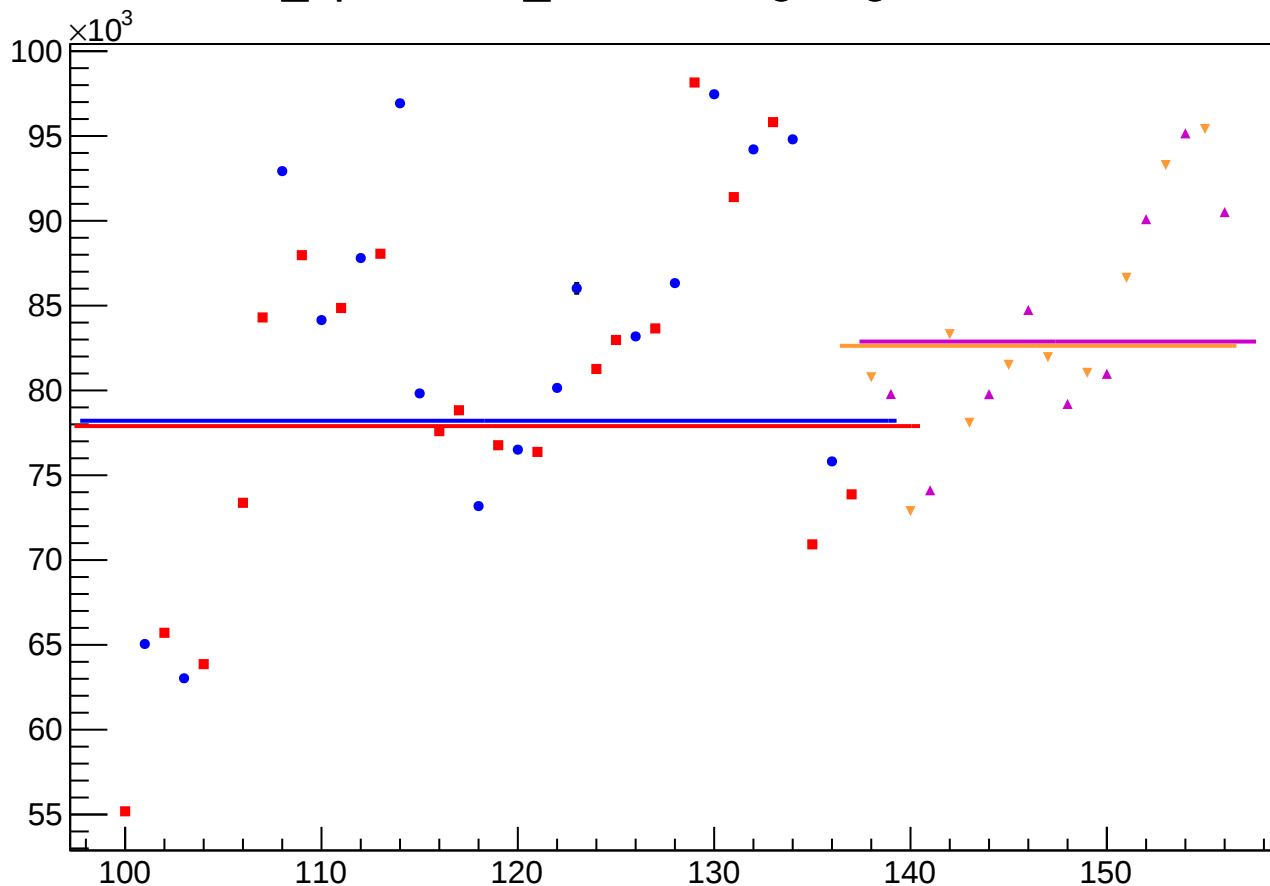
Left In: 40.182 $\pm$ 30.731 χ^2/NDF : 13.5/8

21.619 $\pm$ 21.554 χ^2/NDF : 28.5/26

30.000 $\pm$ 15.123 χ^2/NDF : 58.9/55

38.126 $\pm$ 21.224 χ^2/NDF : 30.2/28

diff_bpm0r05X_rms vs Slug, Sign Corrected



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

Left Out: 82631.009 $\pm$ 21.589 χ^2/NDF : 87550.9/9

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

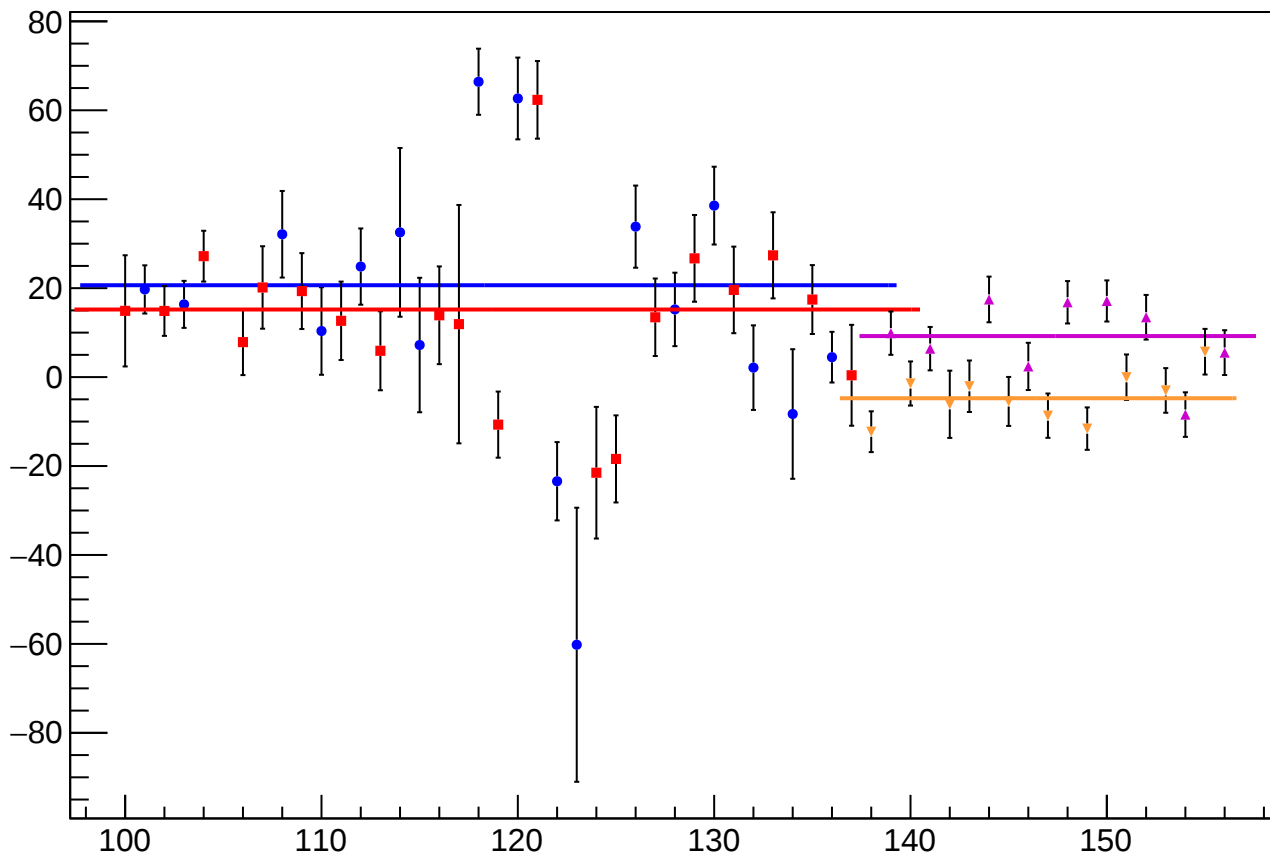
Left In: 82881.532 $\pm$ 21.730 χ^2/NDF : 83146.0/8

80414.758 $\pm$ 15.241 χ^2/NDF : 359614.6/26

80343.682 $\pm$ 10.693 χ^2/NDF : 717300.0/5

80274.767 $\pm$ 15.007 χ^2/NDF : 357642.6/28

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

Left Out: -4.757 $\pm$ 1.647 χ^2/NDF : 11.2/9

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

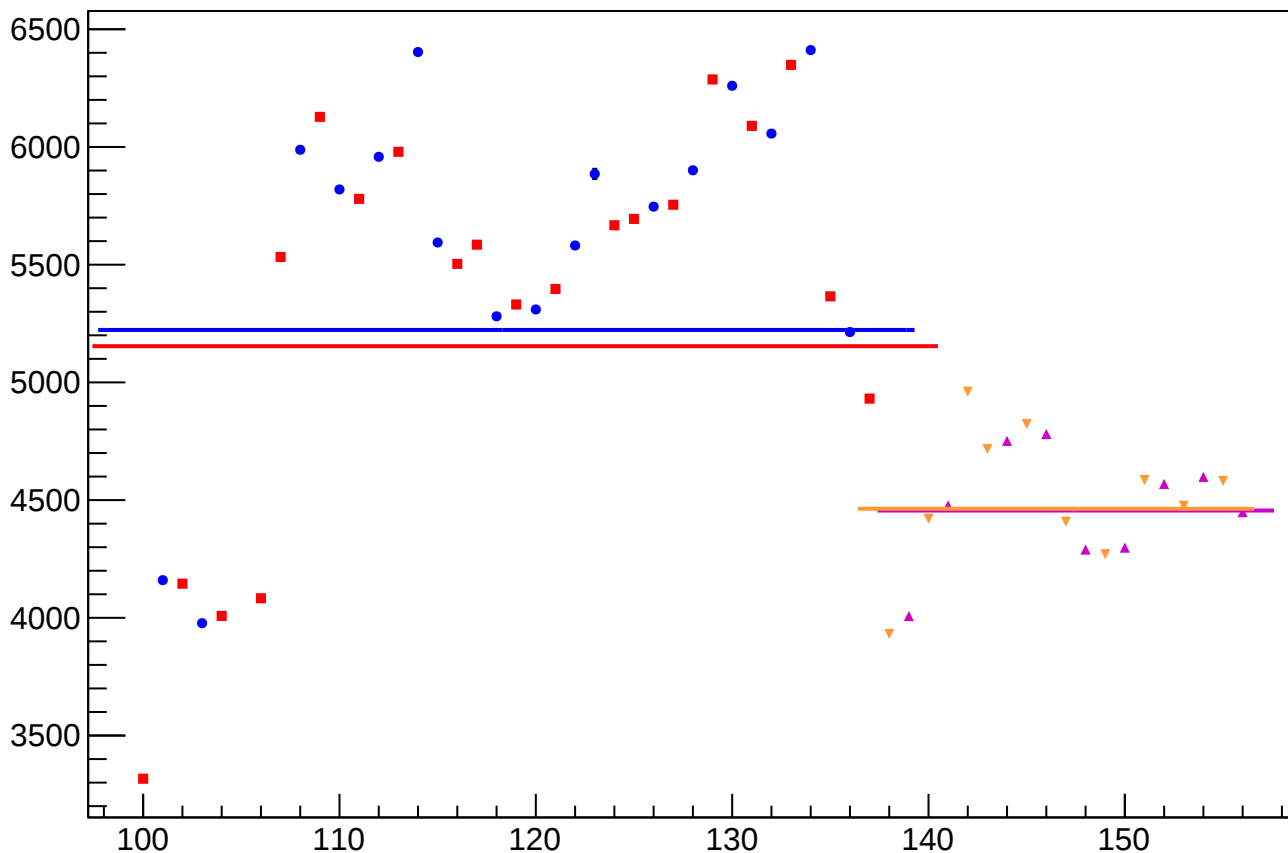
Left In: 9.226 $\pm$ 1.650 χ^2/NDF : 23.7/8

5.298 $\pm$ 1.281 χ^2/NDF : 223.1/26

8.561 $\pm$ 0.898 χ^2/NDF : 336.4/55

11.719 $\pm$ 1.259 χ^2/NDF : 100.5/28

diff_bpm0r05Y_rms vs Slug, Sign Corrected



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

Left Out: 4463.392 $\pm$ 1.165 χ^2 /NDF: 53803.0/9

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

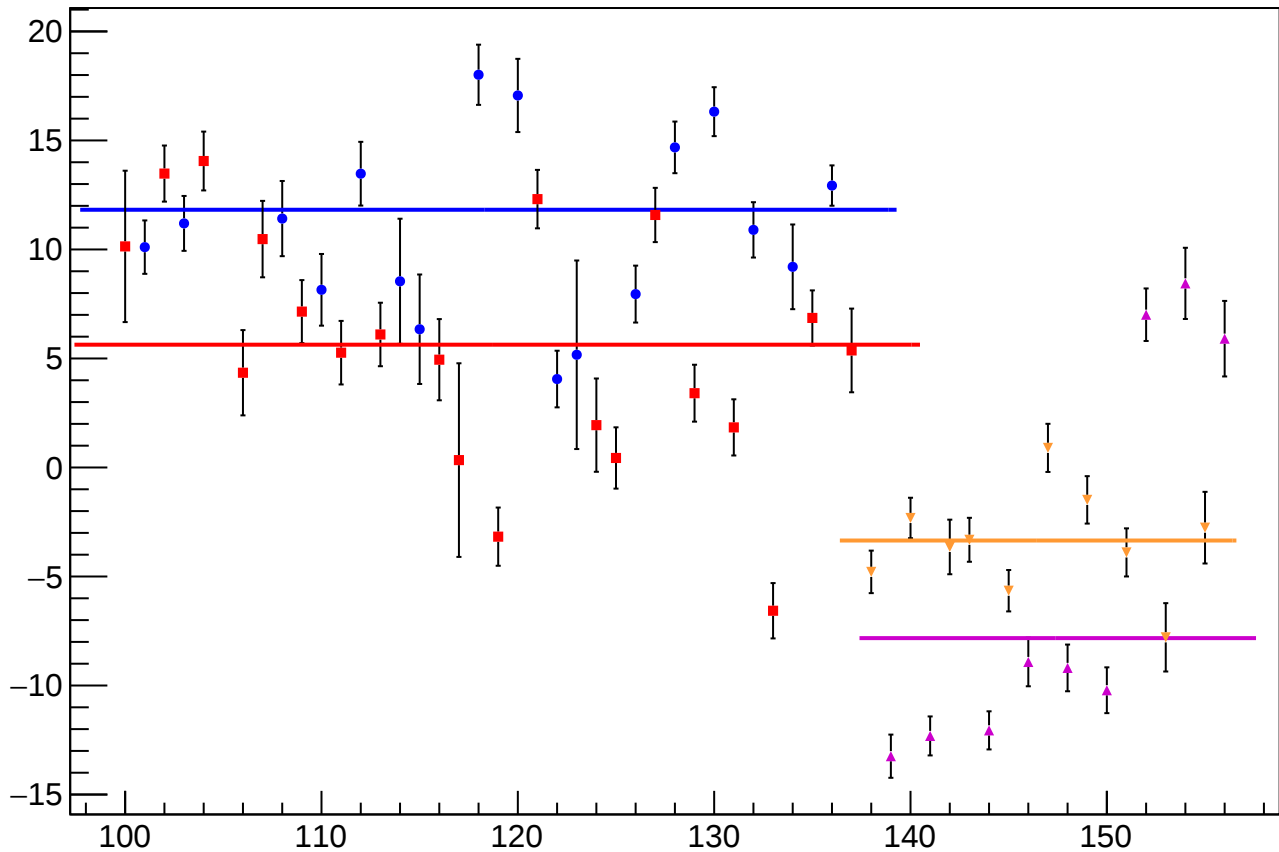
Left In: 4455.762 $\pm$ 1.167 χ^2 /NDF: 38508.7/8

4763.833 $\pm$ 0.905 χ^2 /NDF: 534465.2/26

4755.336 $\pm$ 0.635 χ^2 /NDF: 1110751.5/55

4747.117 $\pm$ 0.891 χ^2 /NDF: 576113.1/28

diff_bpm2i01X_mean vs Slug, Sign Corrected



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

Left Out: -3.350+/-0.349 χ^2/NDF : 35.5/9

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

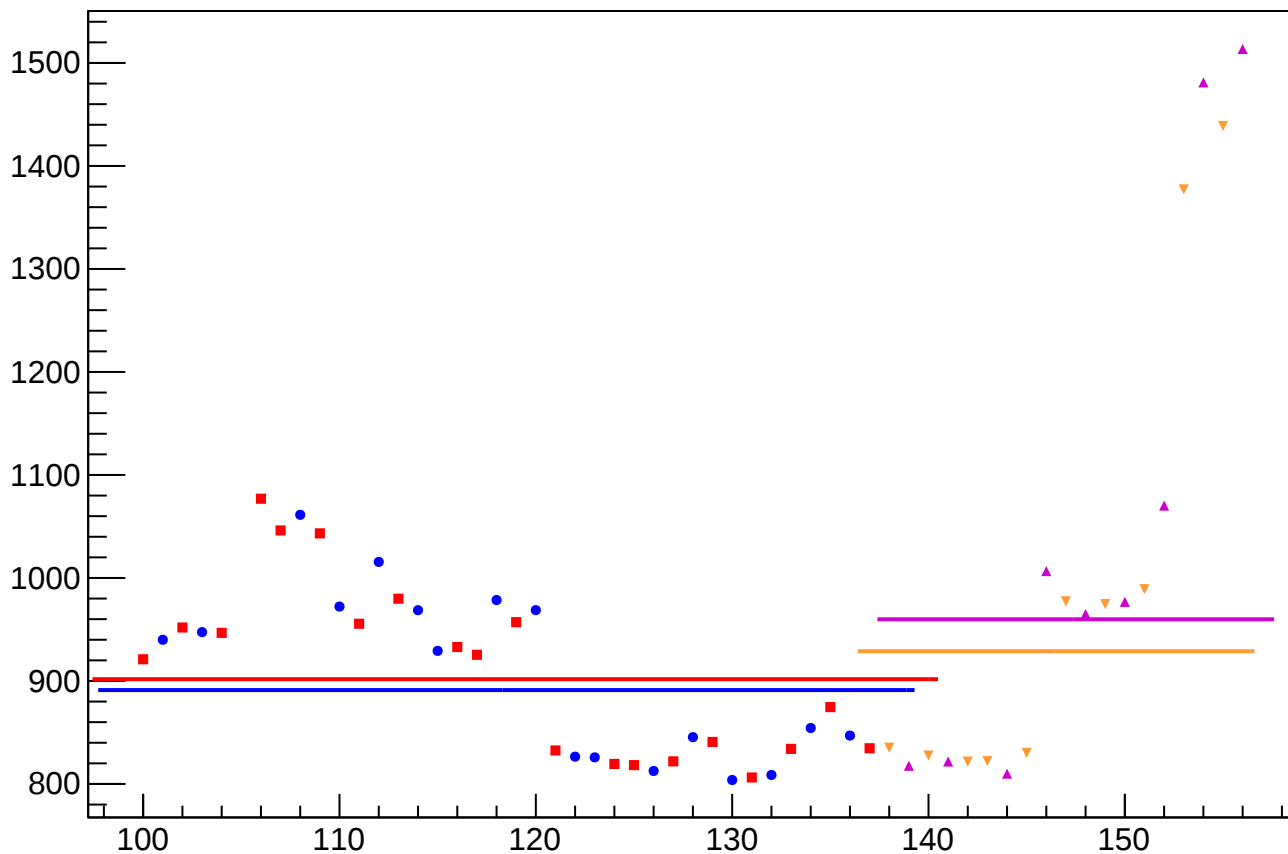
Left In: -7.826+/-0.364 χ^2/NDF : 400.0/8

4.333+/-0.245 χ^2/NDF : 1109.6/26

1.893+/-0.174 χ^2/NDF : 2746.9/55

-0.593+/-0.247 χ^2/NDF : 1437.2/28

diff_bpm2i01X_rms vs Slug, Sign Corrected



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

Left Out: 928.864+/-0.247 χ^2/NDF : 470614.4/9

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

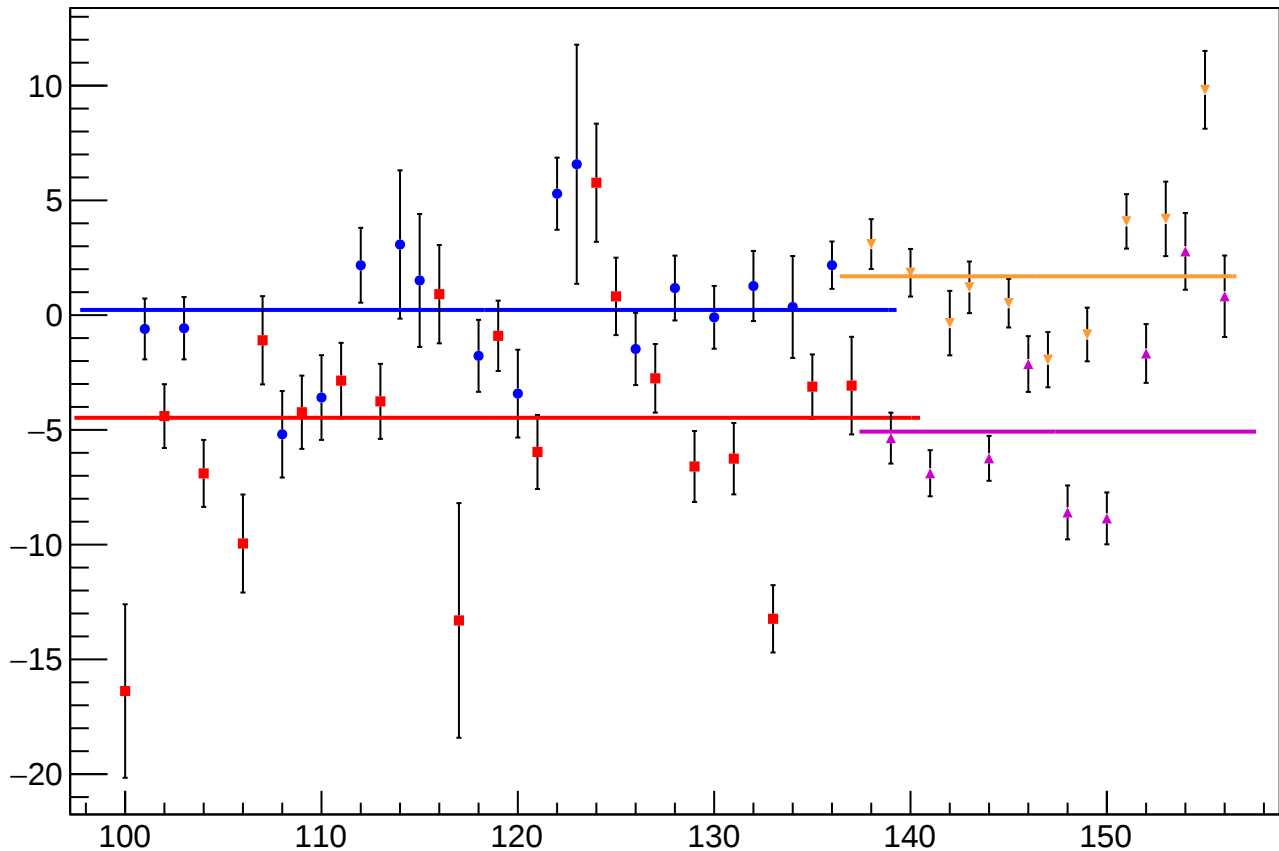
Left In: 959.859+/-0.257 χ^2/NDF : 576674.3/8

909.764+/-0.173 χ^2/NDF : 584104.9/26

919.104+/-0.123 χ^2/NDF : 1308736.5/55

928.616+/-0.175 χ^2/NDF : 718772.4/28

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: 0.227 $\pm$ 0.395 χ^2/NDF : 38.5/16

Left Out: 1.693 $\pm$ 0.383 χ^2/NDF : 48.5/9

Right Out: -4.473 $\pm$ 0.386 χ^2/NDF : 106.3/19

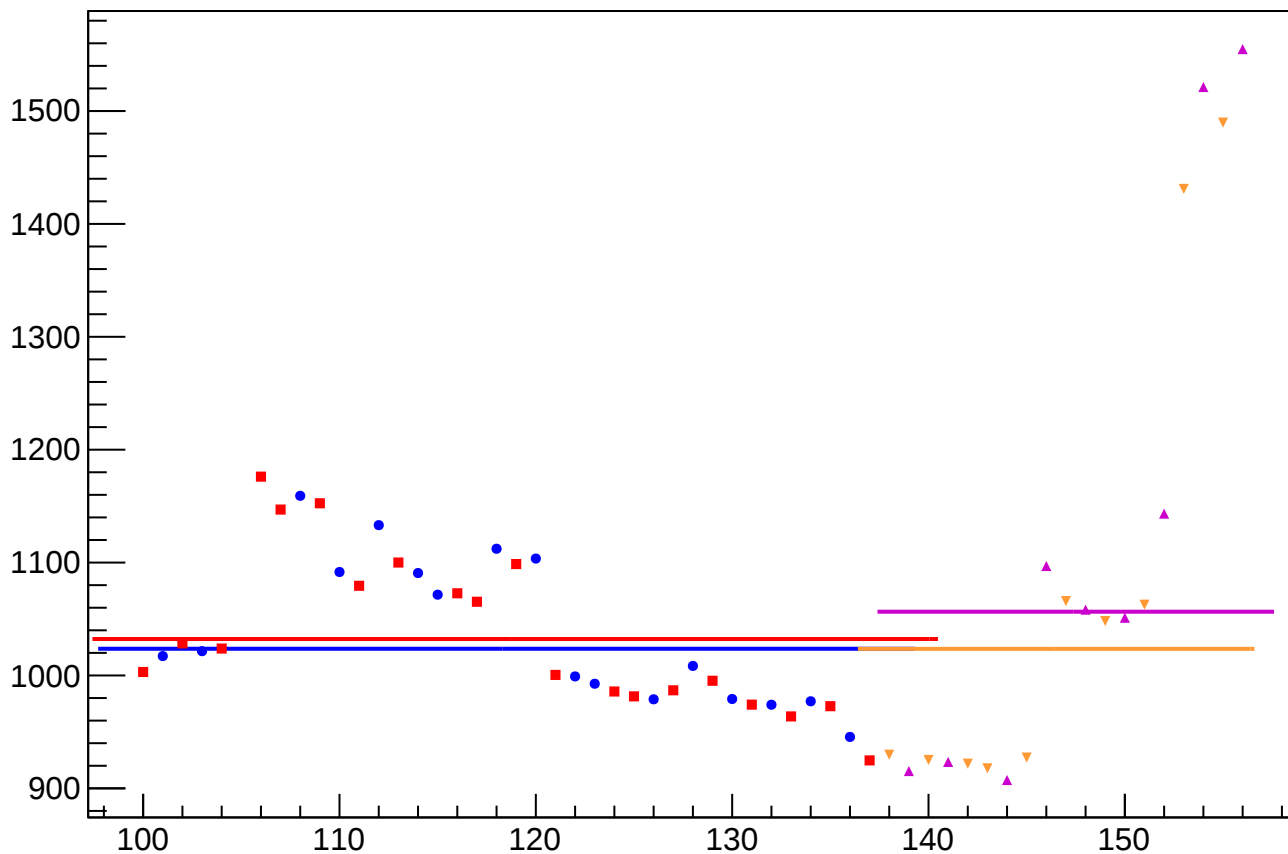
Left In: -5.075 $\pm$ 0.398 χ^2/NDF : 70.9/8

0.983 $\pm$ 0.275 χ^2/NDF : 94.1/26

-1.869 $\pm$ 0.195 χ^2/NDF : 489.6/55

-4.765 $\pm$ 0.277 χ^2/NDF : 178.4/28

diff_bpm2i01Y_rms vs Slug, Sign Corrected



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

Left Out: 1023.585 +/- 0.271 χ^2/NDF : 360756.6/9

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

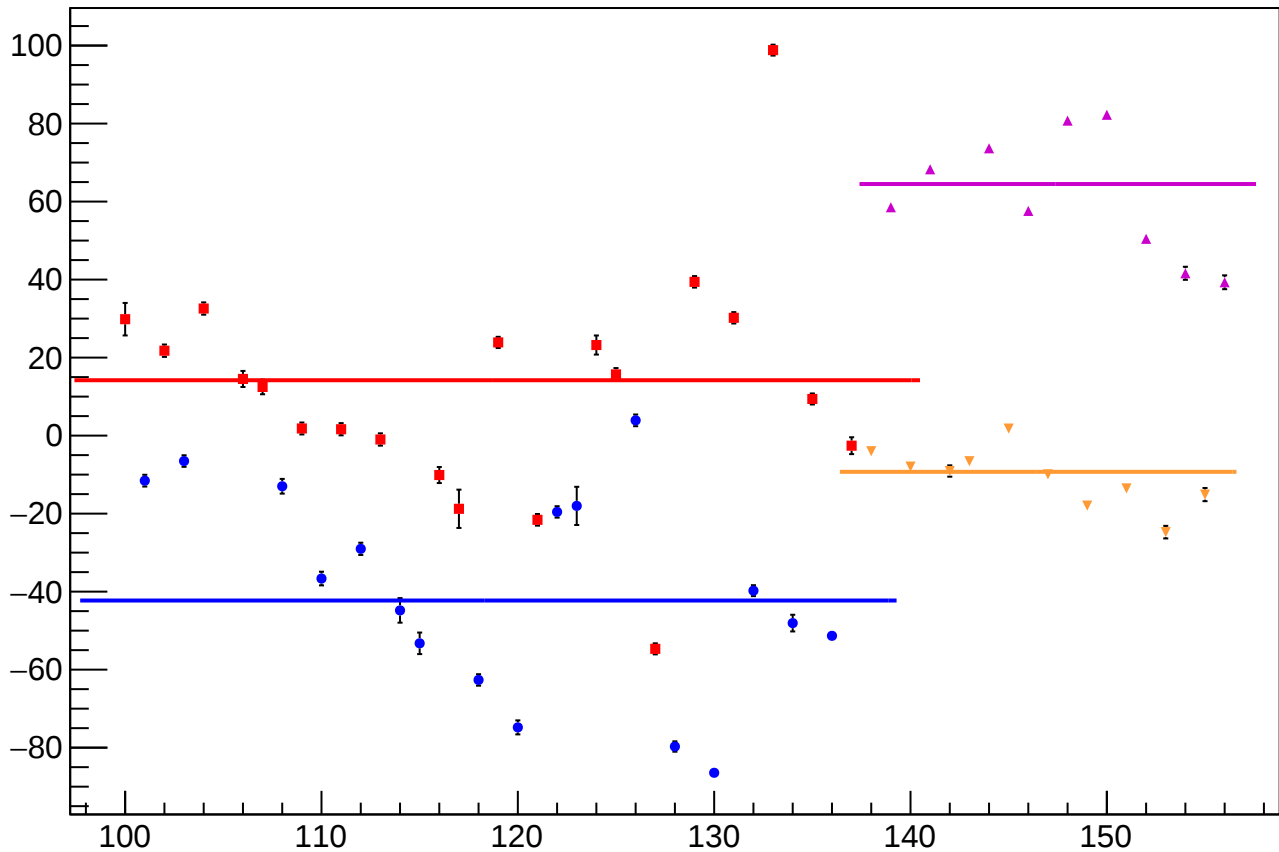
Left In: 1056.480 +/- 0.281 χ^2/NDF : 437476.4/8

1023.618 +/- 0.194 χ^2/NDF : 413130.4/26

1033.736 +/- 0.138 χ^2/NDF : 919353.2/55

1044.007 +/- 0.196 χ^2/NDF : 500761.4/28

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

Left Out: -9.282 ± 0.393 χ^2/NDF : 297.0/9

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

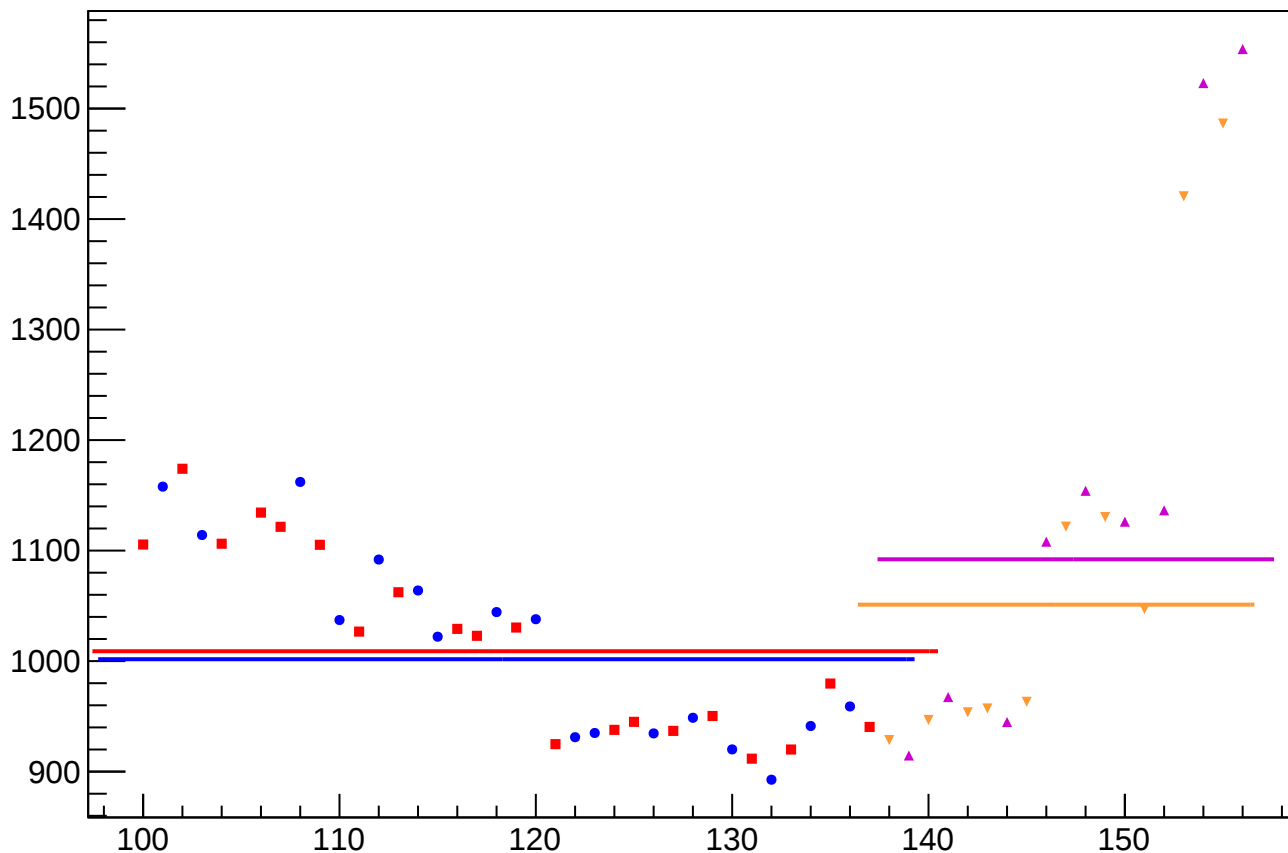
Left In: 64.502 ± 0.411 χ^2/NDF : 1038.8/8

-26.015 ± 0.276 χ^2/NDF : 9004.7/26

5.339 ± 0.196 χ^2/NDF : 51972.9/55

37.210 ± 0.278 χ^2/NDF : 16884.1/28

diff_bpm2i02X_rms vs Slug, Sign Corrected



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

Left Out: 1051.095 $\pm$ 0.278 χ^2 /NDF: 330660.0/9

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

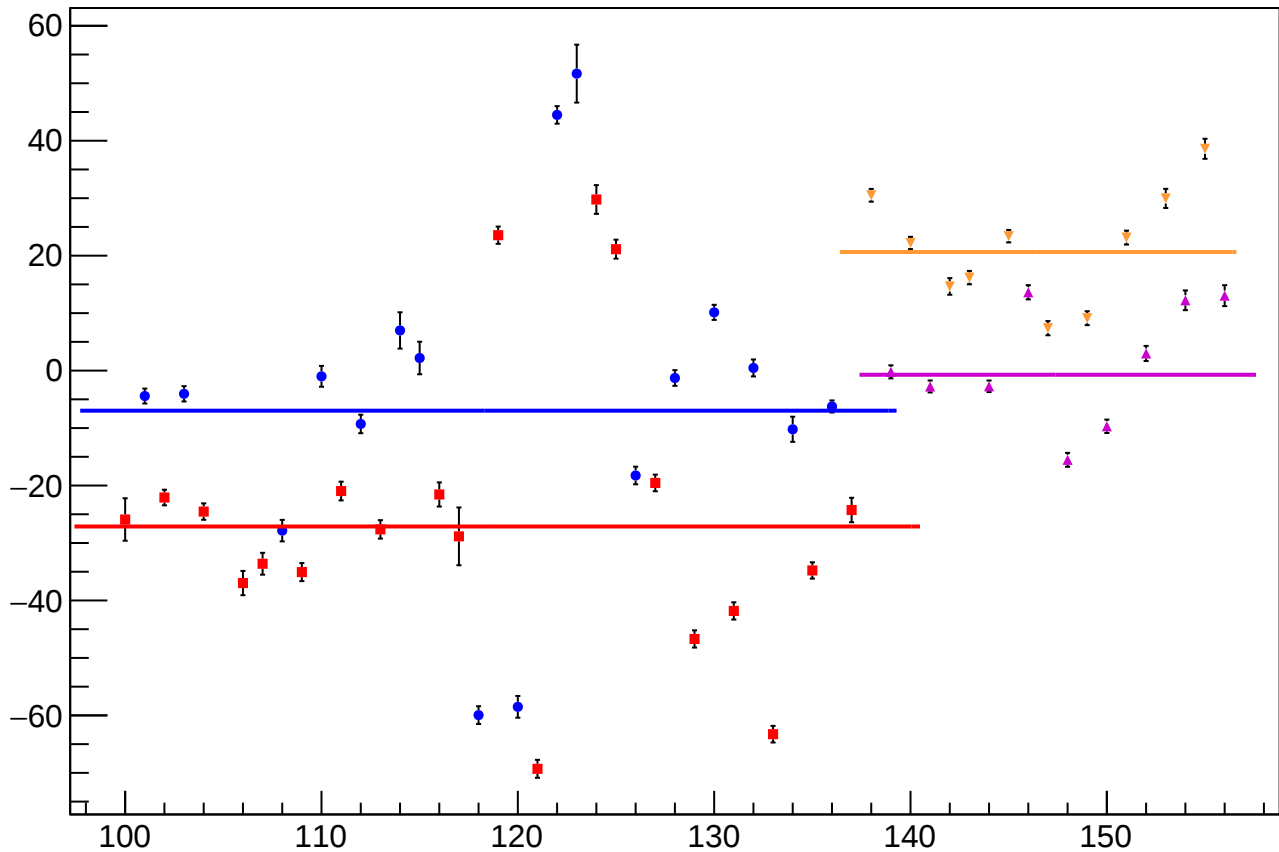
Left In: 1092.134 $\pm$ 0.291 χ^2 /NDF: 397429.7/8

1026.050 $\pm$ 0.195 χ^2 /NDF: 442185.3/26

1036.436 $\pm$ 0.138 χ^2 /NDF: 985188.6/55

1046.993 $\pm$ 0.197 χ^2 /NDF: 537278.9/28

diff_bpm2i02Y_mean vs Slug, Sign Corrected



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

Left Out: 20.642 ± 0.394 χ^2/NDF : 466.5/9

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

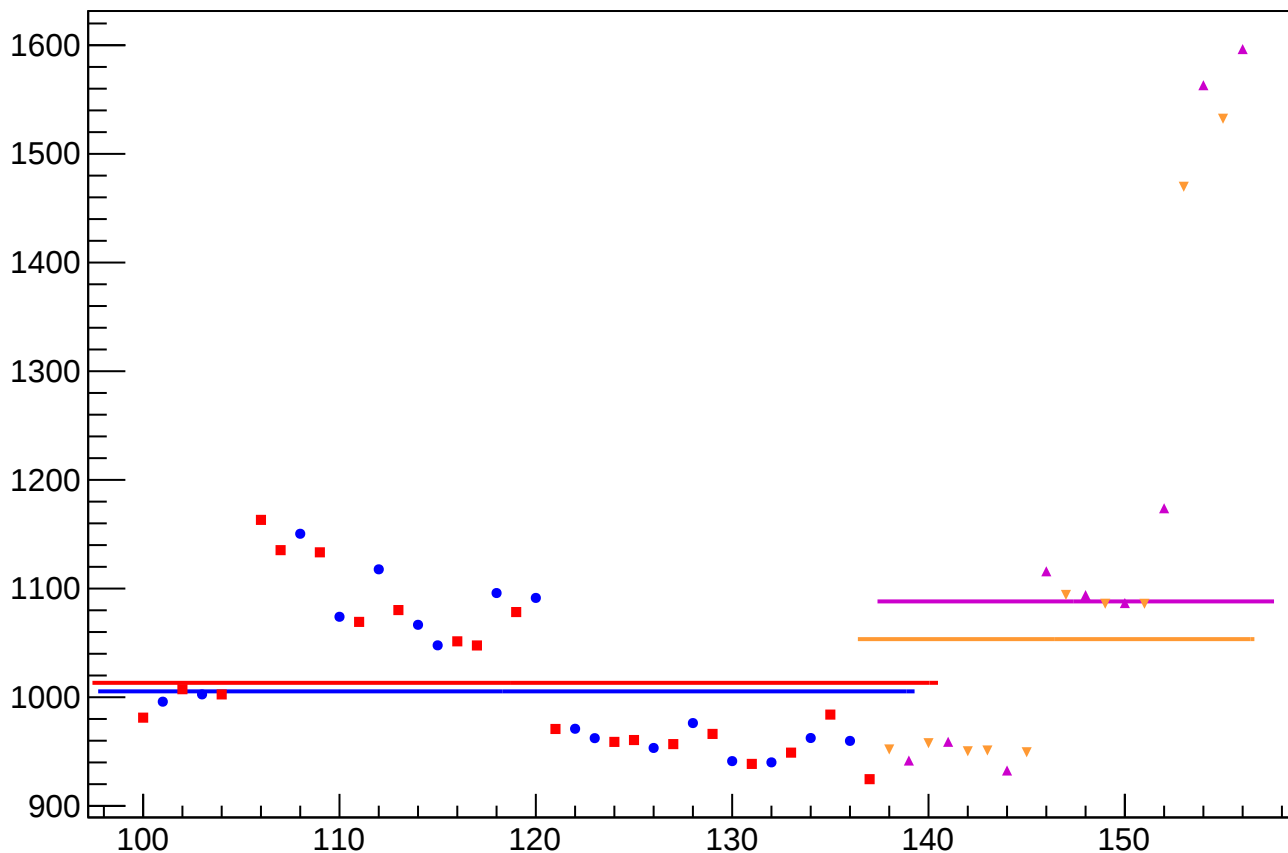
Left In: -0.722 ± 0.410 χ^2/NDF : 472.3/8

6.628 ± 0.276 χ^2/NDF : 6599.3/26

-4.105 ± 0.196 χ^2/NDF : 16630.5/55

-14.968 ± 0.278 χ^2/NDF : 6996.4/28

diff_bpm2i02Y_rms vs Slug, Sign Corrected



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

Left Out: 1053.468+/-0.278 χ^2/NDF : 357692.4/9

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

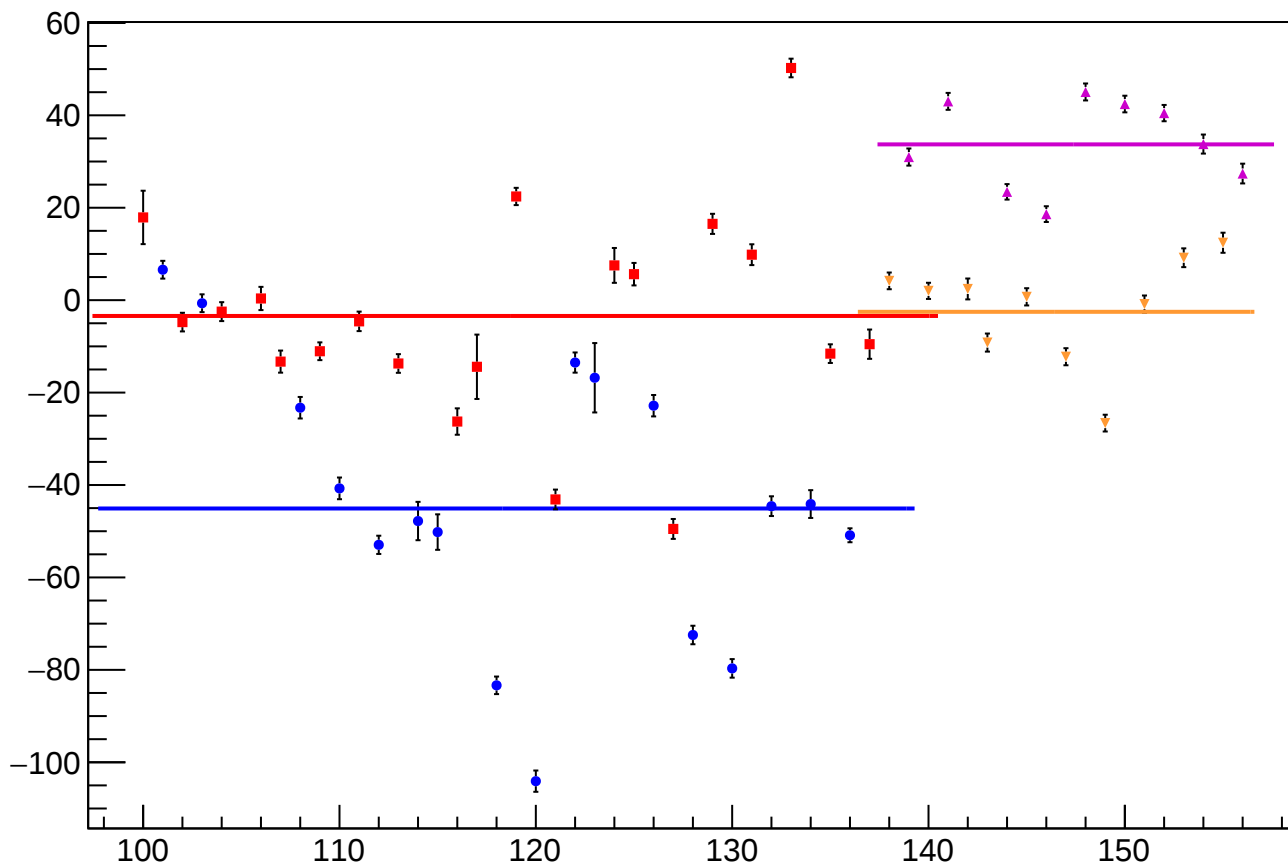
Left In: 1088.174+/-0.290 χ^2/NDF : 429437.9/8

1029.080+/-0.195 χ^2/NDF : 427395.2/26

1038.361+/-0.139 χ^2/NDF : 960803.5/55

1047.754+/-0.197 χ^2/NDF : 528870.2/28

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

Left Out: -2.522+/-0.607 χ^2/NDF : 324.9/9

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

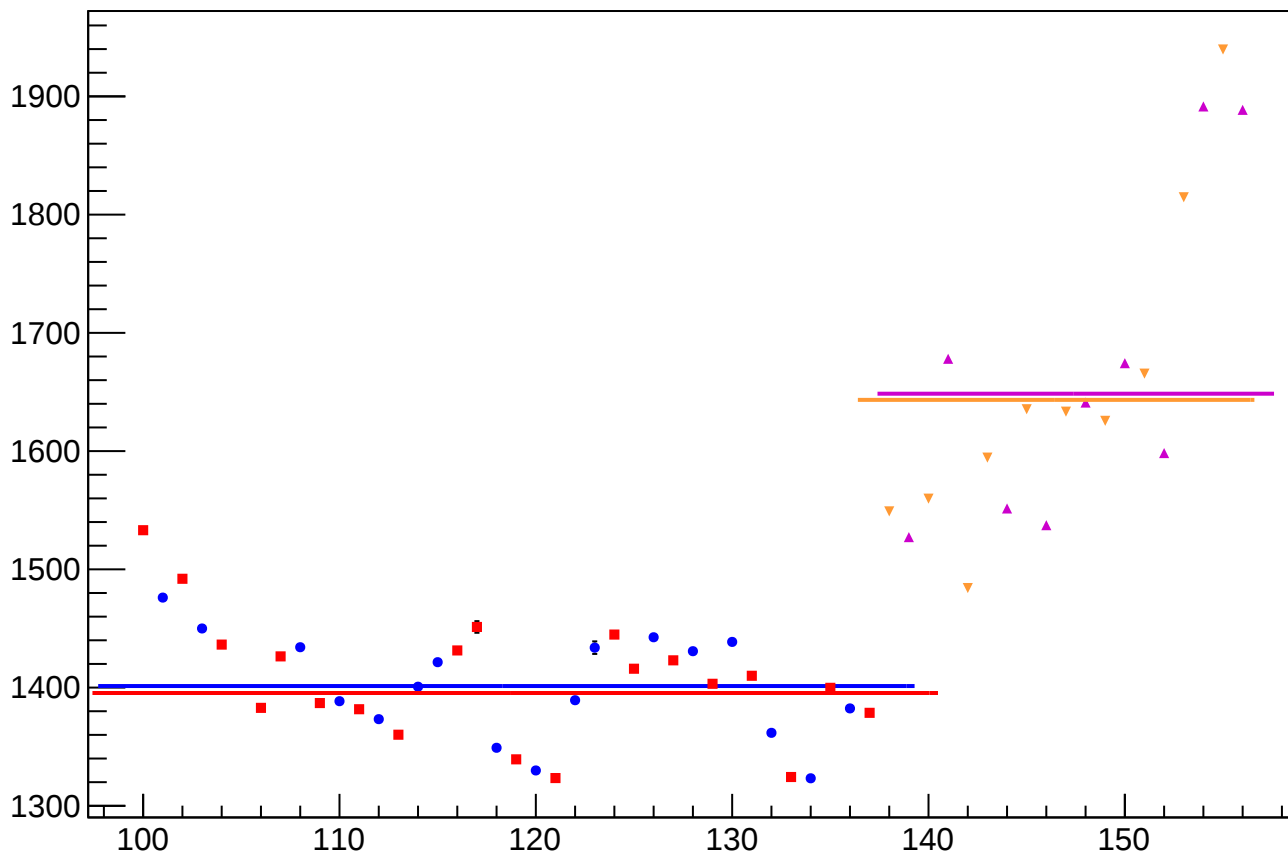
Left In: 33.708+/-0.612 χ^2/NDF : 229.2/8

-26.278+/-0.403 χ^2/NDF : 6310.4/26

-6.729+/-0.283 χ^2/NDF : 15306.8/55

12.164+/-0.396 χ^2/NDF : 4374.1/28

diff_bpm0i02X_rms vs Slug, Sign Corrected



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

Left Out: 1643.329 +/- 0.429 χ^2/NDF : 73132.3/9

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

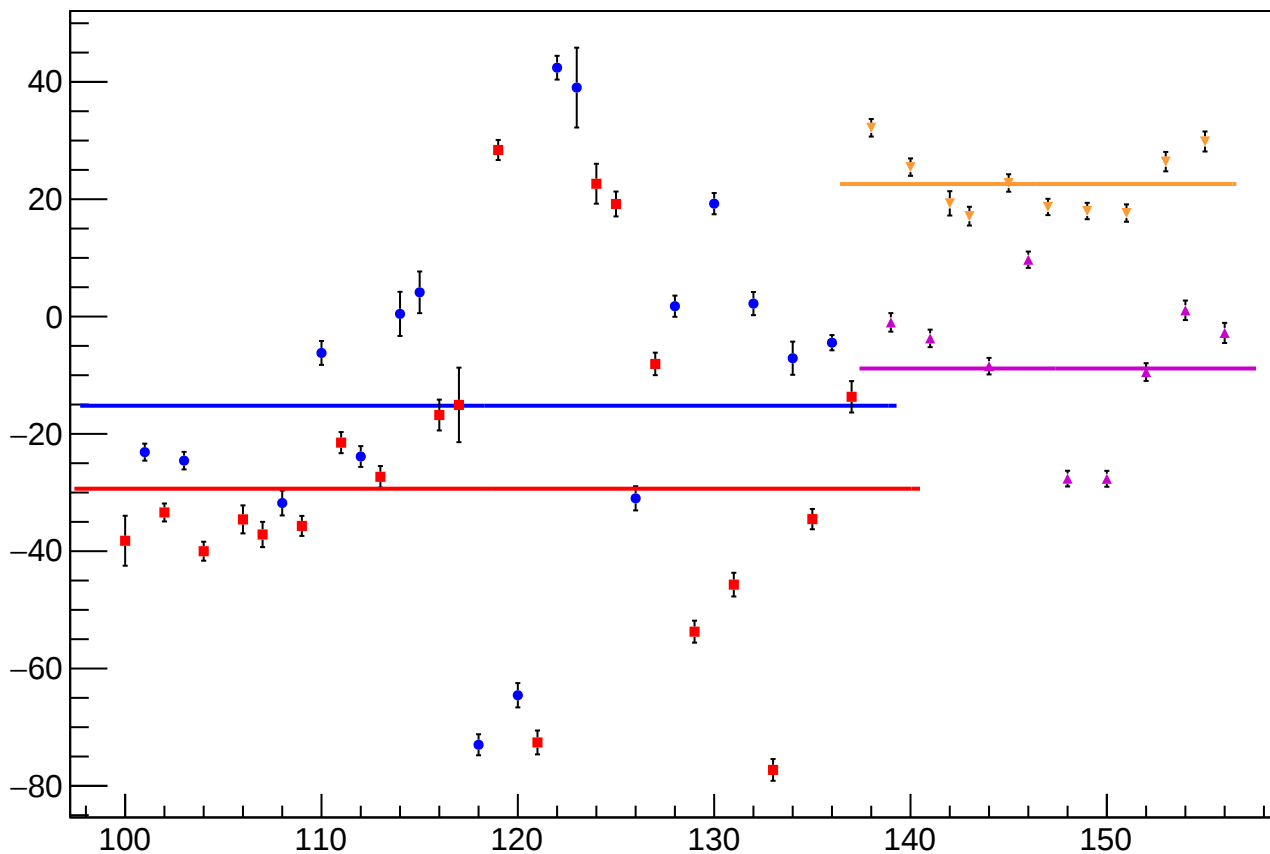
Left In: 1648.549 +/- 0.433 χ^2/NDF : 79427.6/8

1508.232 +/- 0.285 χ^2/NDF : 263676.8/26

1504.892 +/- 0.200 χ^2/NDF : 557669.3/55

1501.663 +/- 0.280 χ^2/NDF : 293722.5/28

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

Left Out: 22.589 $\pm$ 0.490 χ^2 /NDF:112.3/9

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

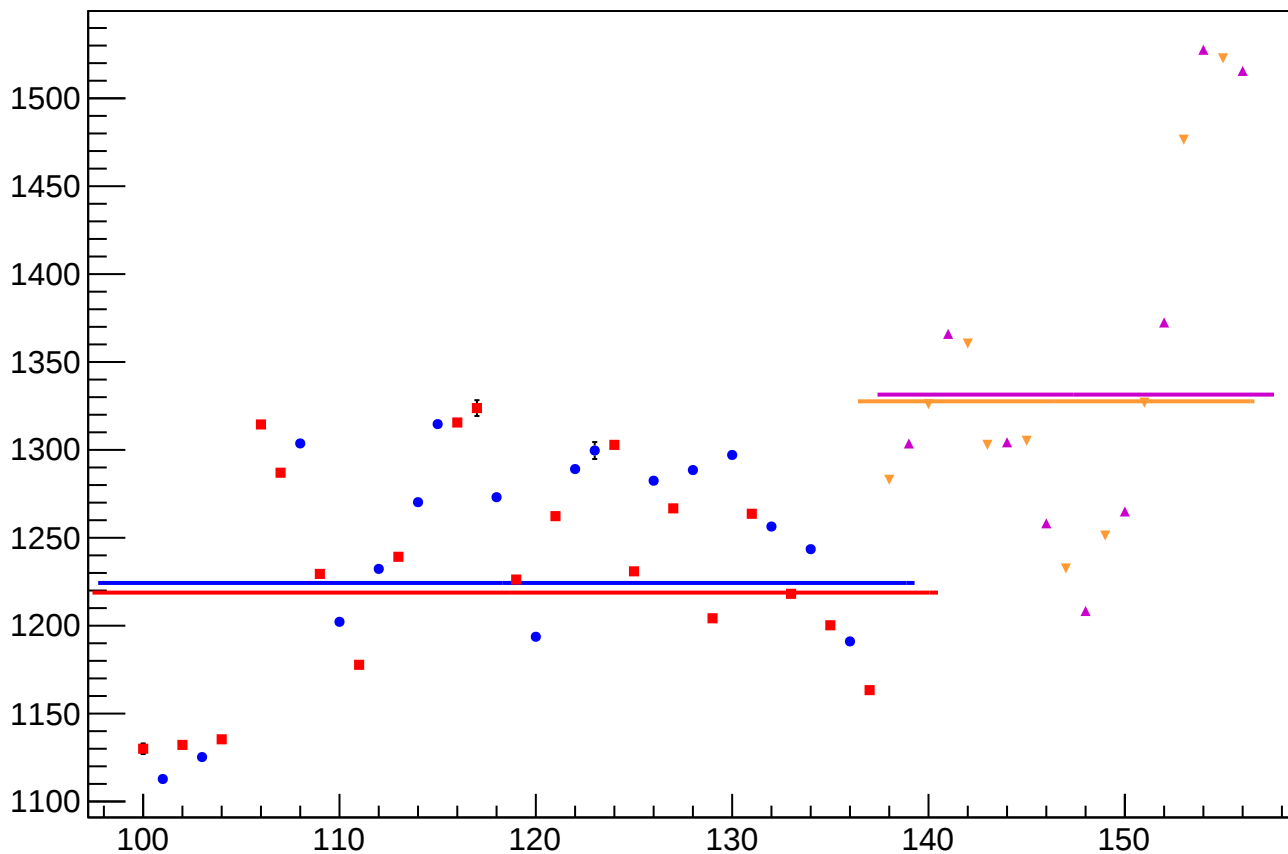
Left In: -8.856 $\pm$ 0.494 χ^2 /NDF:649.1/8

2.998 $\pm$ 0.340 χ^2 /NDF: 6560.5/26

-8.649 $\pm$ 0.238 χ^2 /NDF: 14002.3/55

-19.934 $\pm$ 0.335 χ^2 /NDF: 5130.1/28

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1224.320 ± 0.334 $\chi^2/\text{NDF}: 38778.2/16$

Left Out: 1327.635 ± 0.346 $\chi^2/\text{NDF}: 60840.5/9$

Right Out: 1218.817 ± 0.322 $\chi^2/\text{NDF}: 28121.5/19$

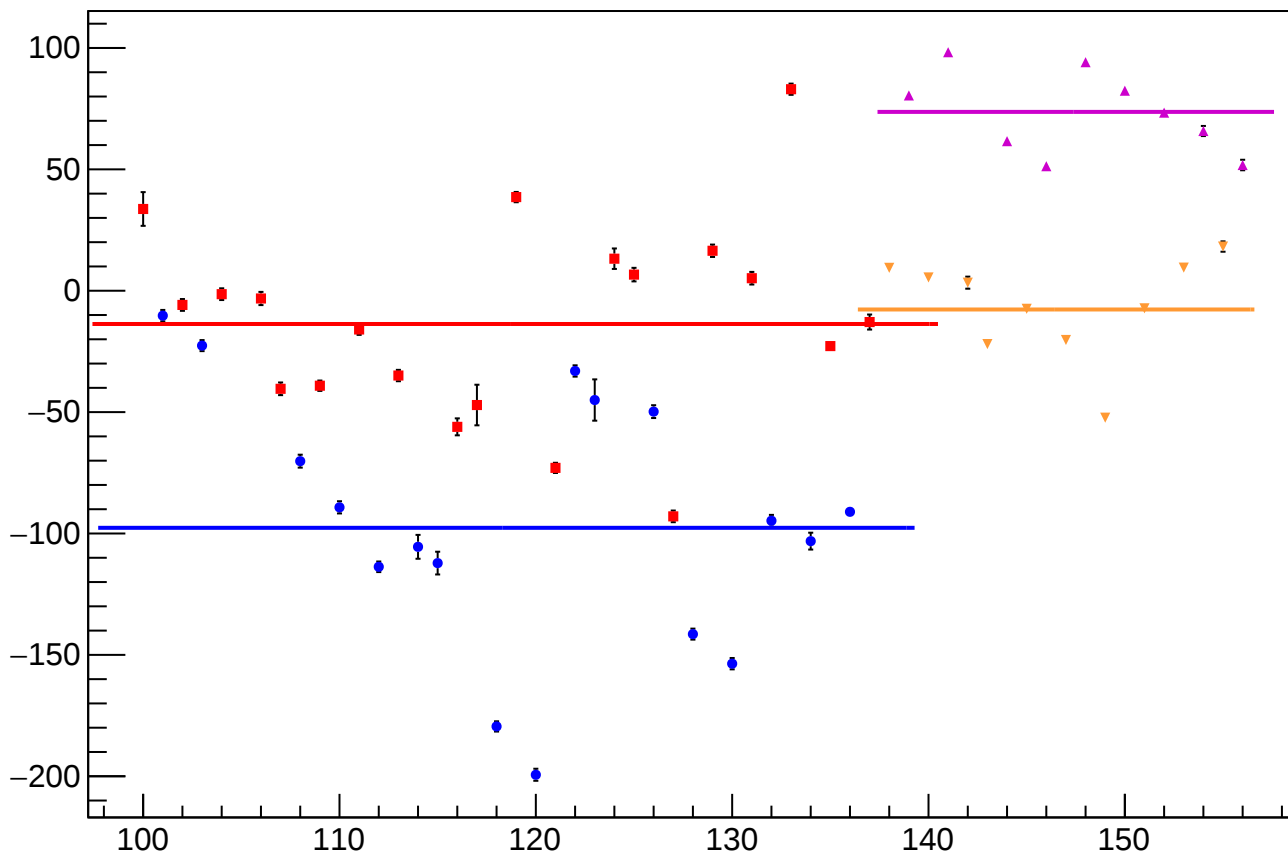
Left In: 1331.453 ± 0.349 $\chi^2/\text{NDF}: 81881.3/8$

1274.076 ± 0.240 $\chi^2/\text{NDF}: 145745.1/26$

1272.285 ± 0.169 $\chi^2/\text{NDF}: 312144.7/55$

1270.550 ± 0.237 $\chi^2/\text{NDF}: 166290.3/28$

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -97.657 $\pm$ 0.601 χ^2 /NDF: 7936.6/16

Left Out: -7.724 $\pm$ 0.612 χ^2 /NDF: 1072.5/9

Right Out: -13.698 $\pm$ 0.578 χ^2 /NDF: 5144.2/19

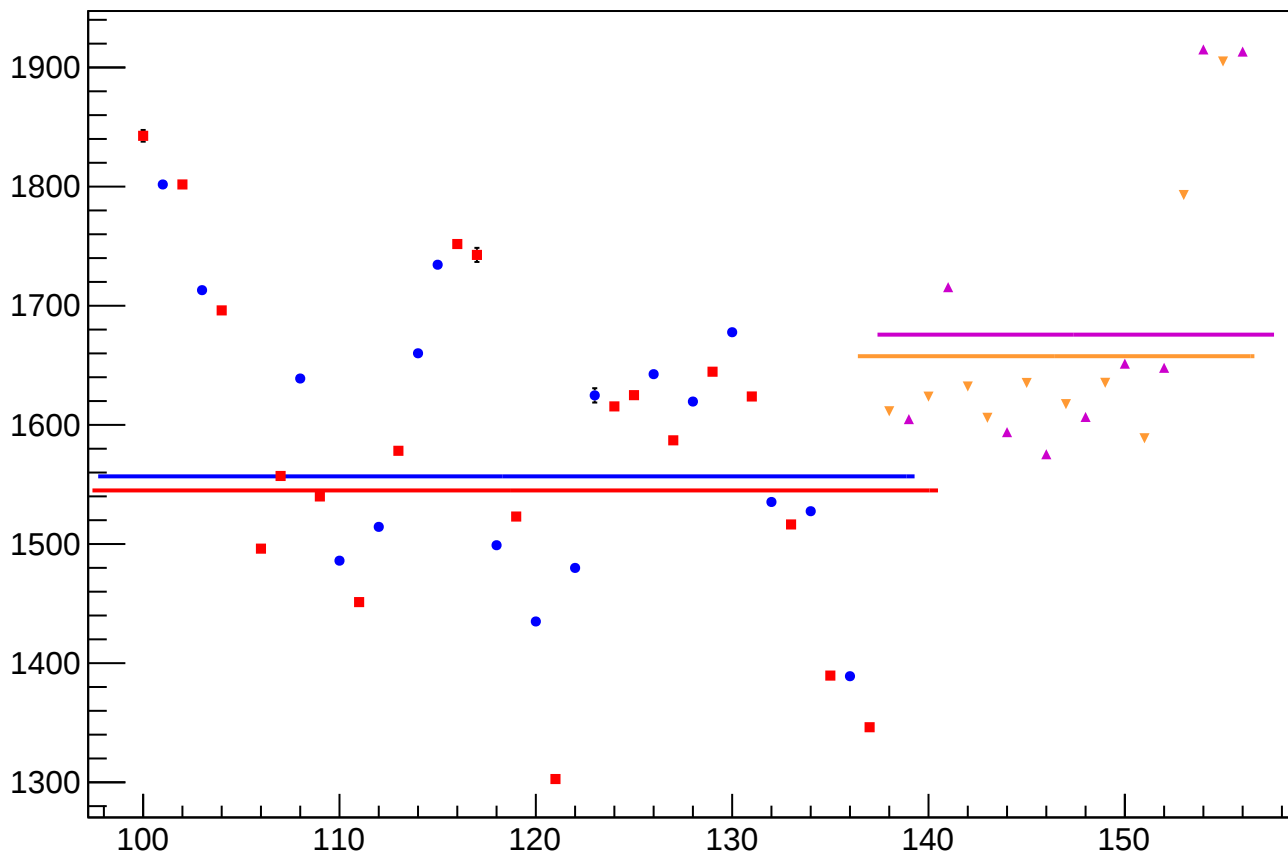
Left In: 73.671 $\pm$ 0.621 χ^2 /NDF: 669.4/8

-53.450 $\pm$ 0.429 χ^2 /NDF: 20004.2/26

-12.782 $\pm$ 0.301 χ^2 /NDF: 54177.5/55

26.834 $\pm$ 0.423 χ^2 /NDF: 16414.0/28

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

Left Out: 1657.648 $\pm$ 0.432 χ^2/NDF : 43937.3/9

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

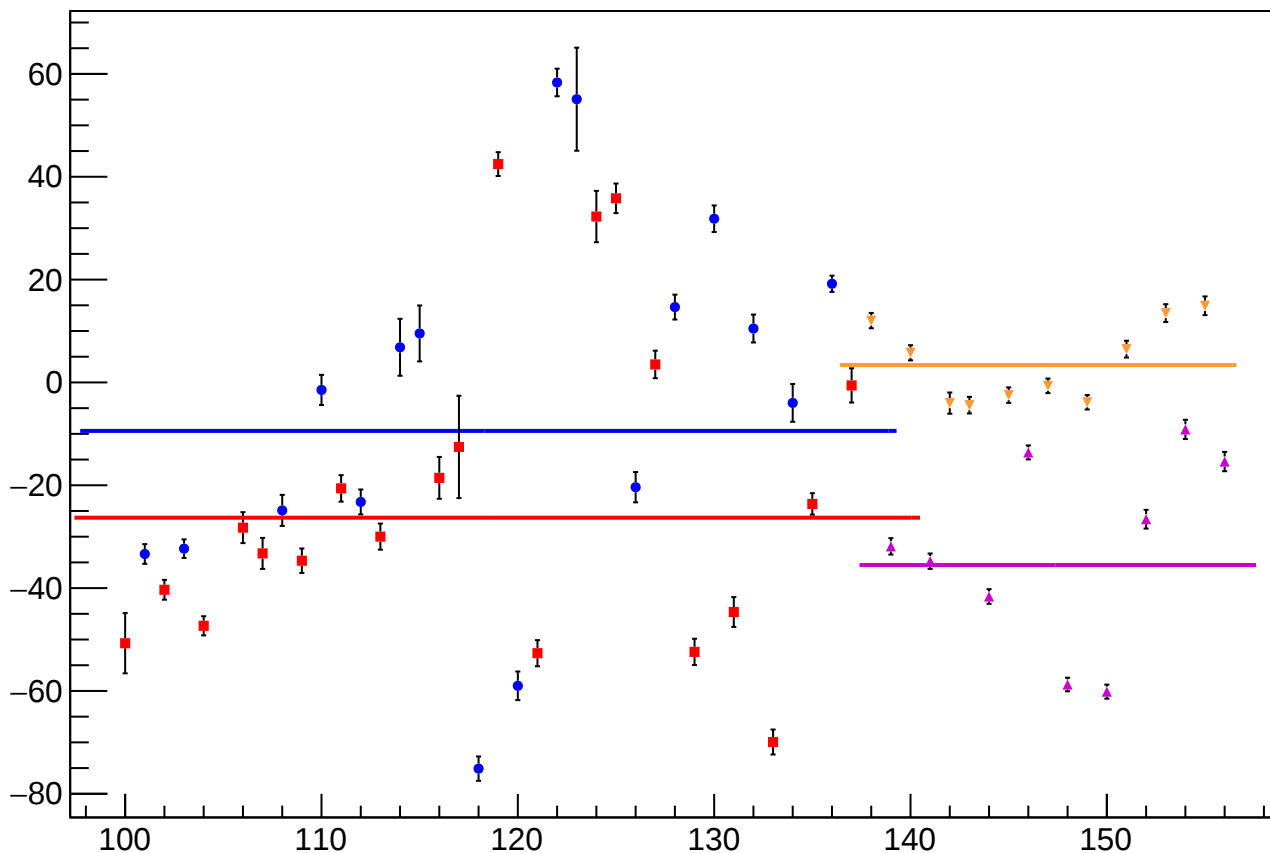
Left In: 1675.746 $\pm$ 0.439 χ^2/NDF : 68931.6/8

1606.372 $\pm$ 0.303 χ^2/NDF : 153138.8/26

1606.004 $\pm$ 0.213 χ^2/NDF : 371188.1/55

1605.646 $\pm$ 0.299 χ^2/NDF : 218046.5/28

diff_bpm0i02aY_mean vs Slug, Sign Corrected



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

Left Out: 3.378 ± 0.501 χ^2/NDF : 199.9/9

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

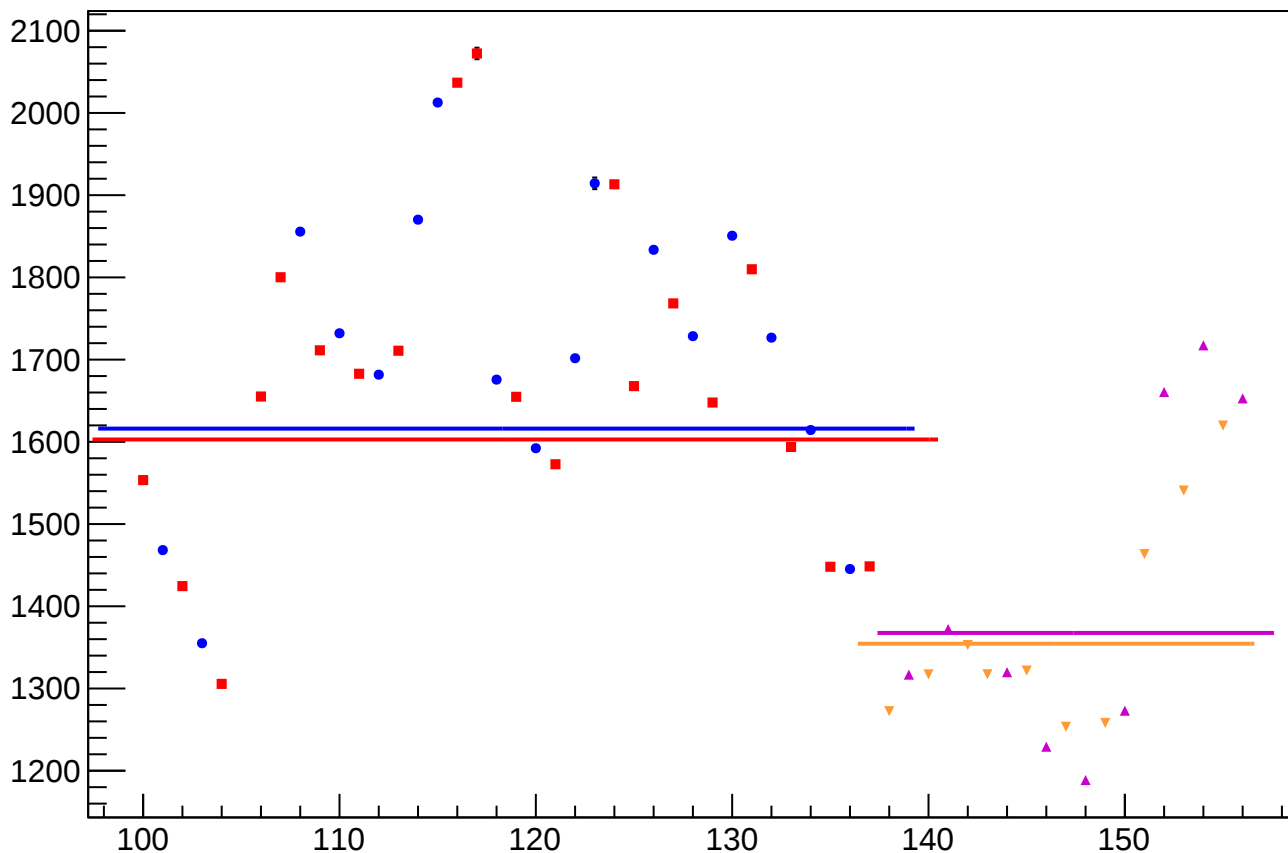
Left In: -35.510 ± 0.510 χ^2/NDF : 1251.7/8

-1.619 ± 0.391 χ^2/NDF : 3378.7/26

-16.725 ± 0.276 χ^2/NDF : 10203.7/55

-31.660 ± 0.389 χ^2/NDF : 3861.9/28

diff_bpm0i02aY_rms vs Slug, Sign Corrected



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

Left Out: 1354.483 $\pm$ 0.354 χ^2/NDF : 103329.2/9

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

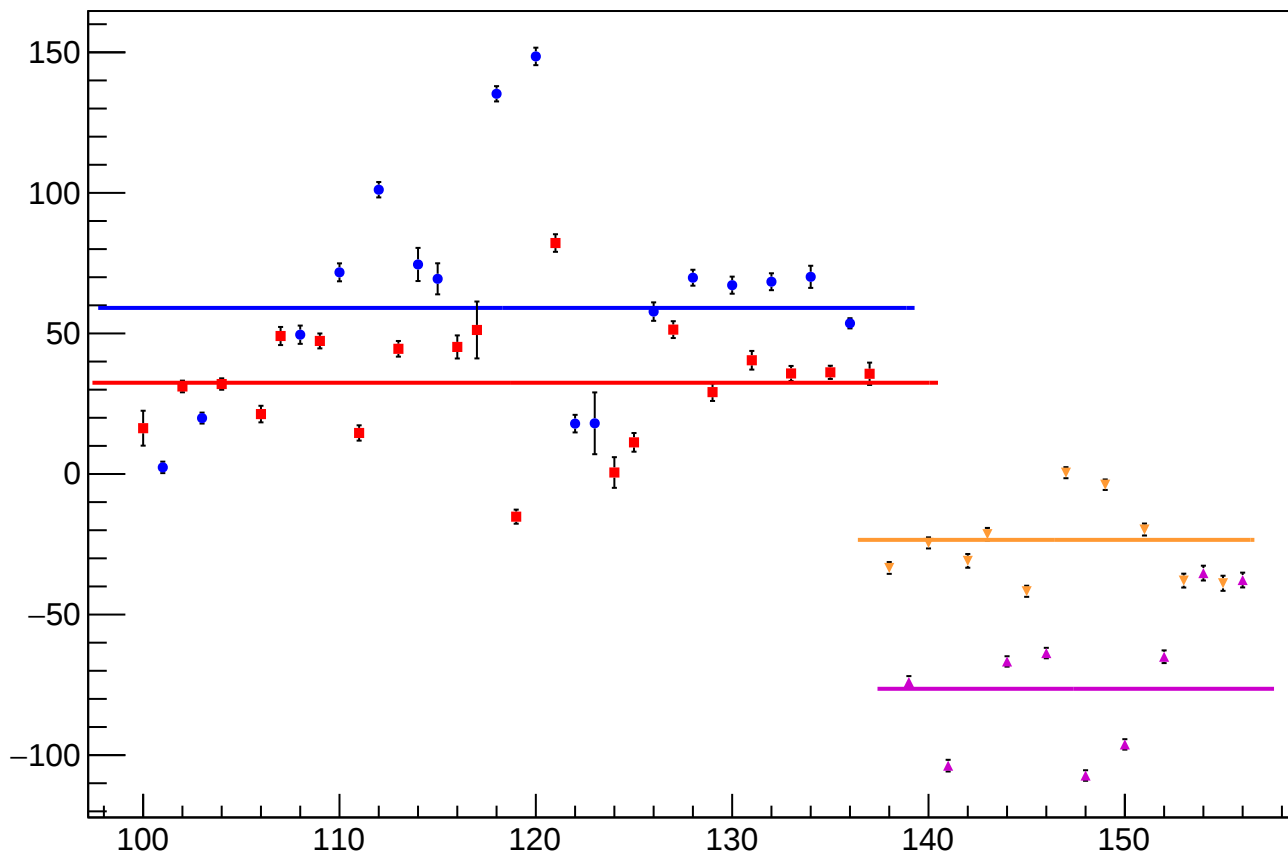
Left In: 1367.584 $\pm$ 0.361 χ^2/NDF : 238561.7/8

1456.573 $\pm$ 0.277 χ^2/NDF : 465603.1/26

1461.306 $\pm$ 0.195 χ^2/NDF : 1040764.2/55

1465.985 $\pm$ 0.275 χ^2/NDF : 574579.4/28

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

Left Out: -23.427 $\pm$ 0.678 χ^2 /NDF: 446.5/9

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

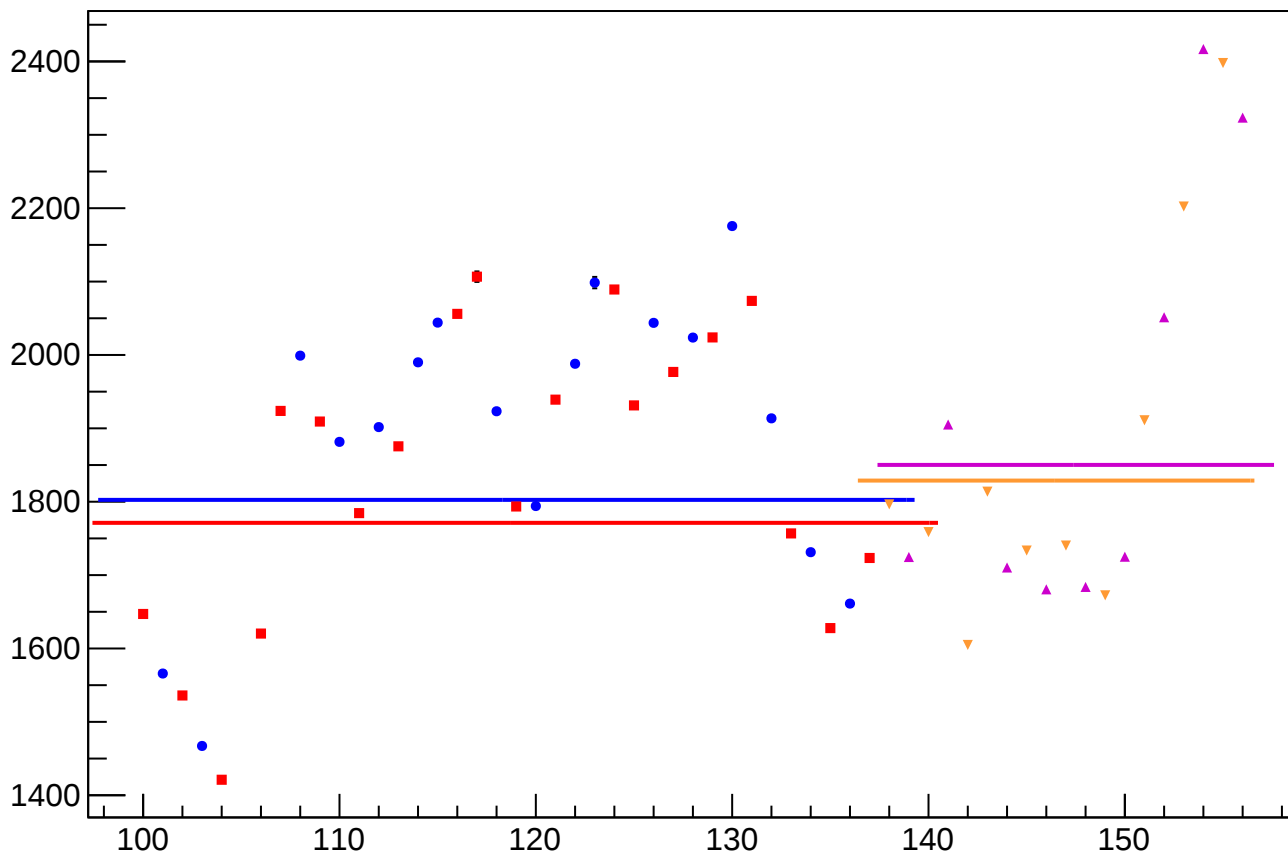
Left In: -76.405 $\pm$ 0.690 χ^2 /NDF: 1116.9/8

16.569 $\pm$ 0.487 χ^2 /NDF: 10909.6/26

-1.985 $\pm$ 0.341 χ^2 /NDF: 28675.0/55

-19.934 $\pm$ 0.479 χ^2 /NDF: 14909.6/28

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1802.524 ± 0.495 $\chi^2/\text{NDF}: 184069.0/16$

Left Out: 1828.825 ± 0.480 $\chi^2/\text{NDF}: 180802.5/9$

Right Out: 1771.228 ± 0.470 $\chi^2/\text{NDF}: 180101.6/19$

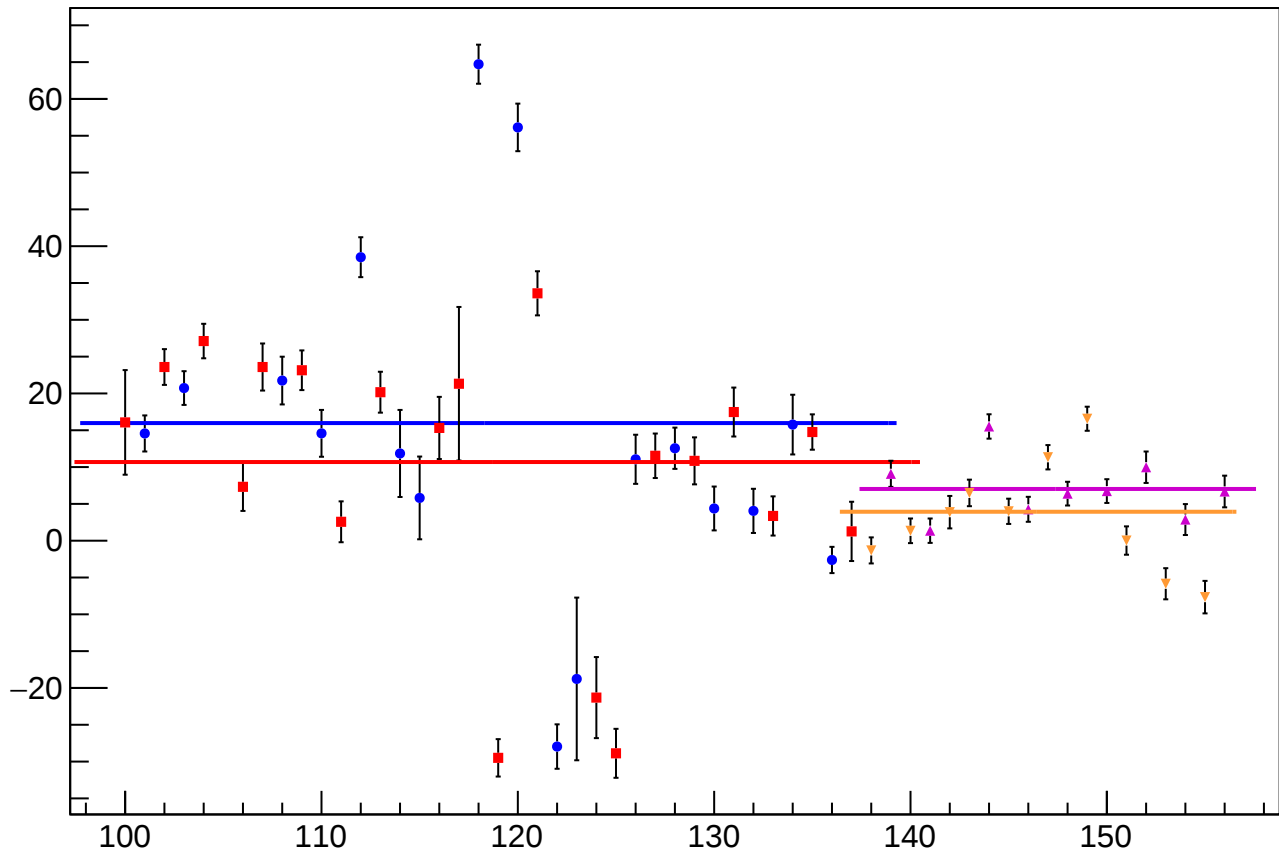
Left In: 1850.173 ± 0.488 $\chi^2/\text{NDF}: 234383.2/8$

1816.076 ± 0.344 $\chi^2/\text{NDF}: 366328.6/26$

1812.593 ± 0.241 $\chi^2/\text{NDF}: 794578.5/55$

1809.223 ± 0.339 $\chi^2/\text{NDF}: 428048.6/28$

diff_bpm0i05Y_mean vs Slug, Sign Corrected



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

Left Out: 3.933 $\pm$ 0.580 χ^2/NDF : 146.1/9

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

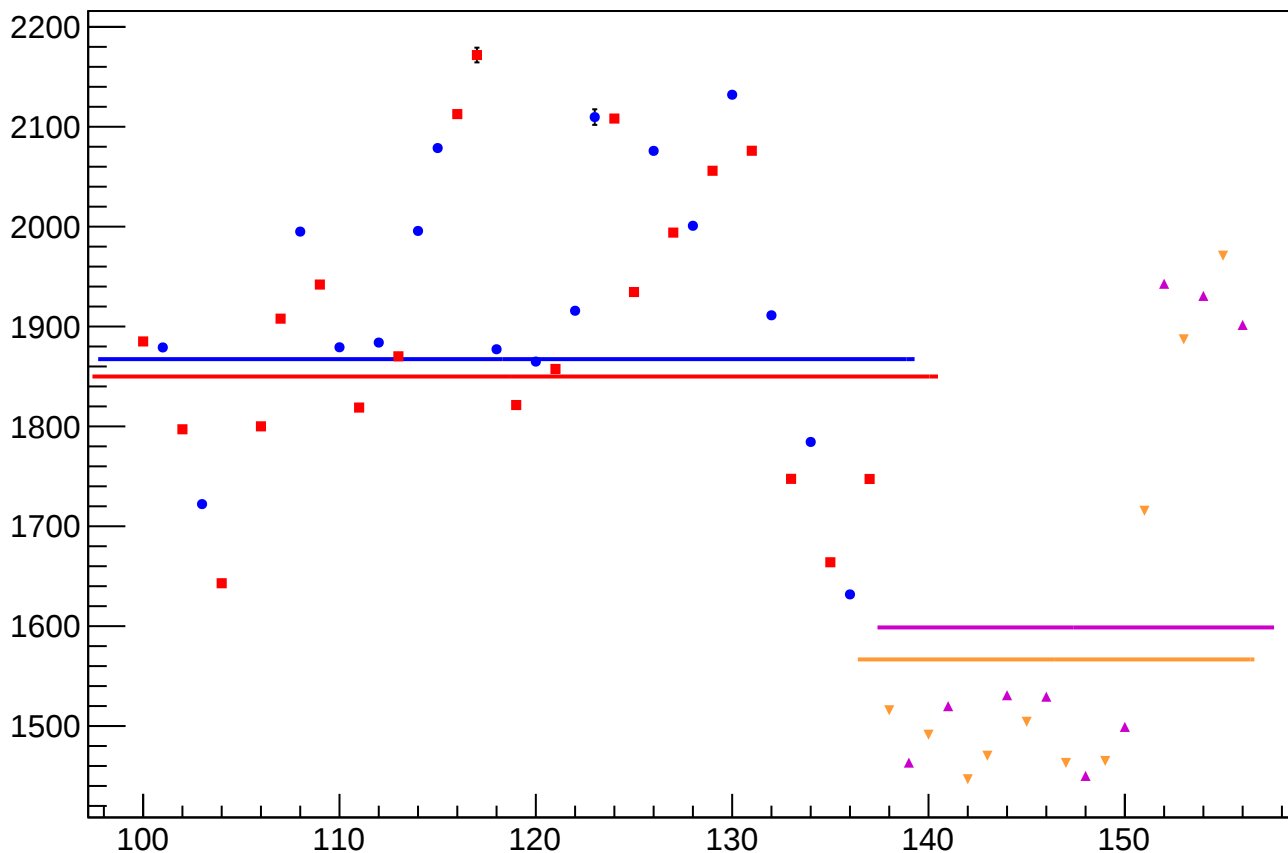
Left In: 7.027 $\pm$ 0.595 χ^2/NDF : 48.0/8

8.663 $\pm$ 0.452 χ^2/NDF : 1253.6/26

8.622 $\pm$ 0.319 χ^2/NDF : 1960.9/55

8.582 $\pm$ 0.451 χ^2/NDF : 707.3/28

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

Left Out: 1566.677 $\pm$ 0.410 χ^2/NDF : 160589.8/9

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

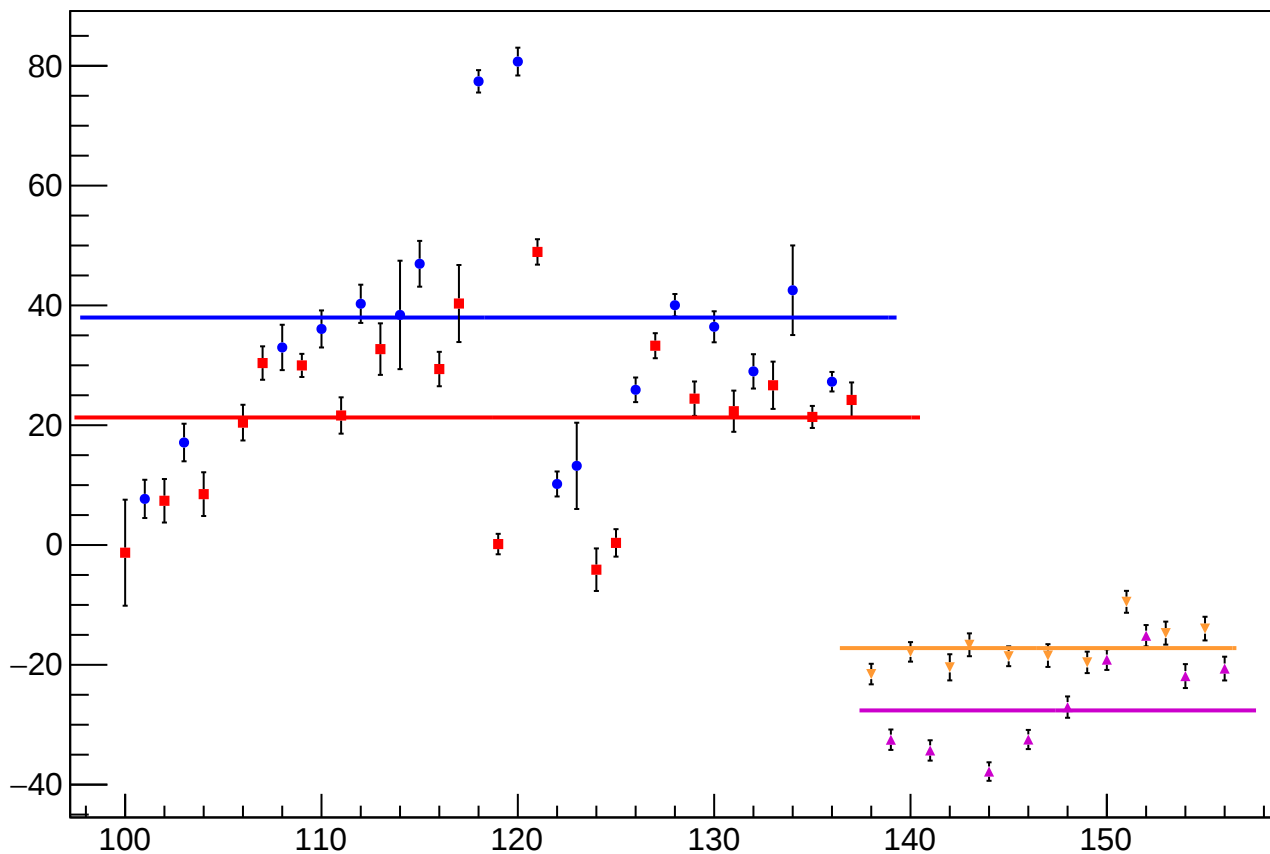
Left In: 1598.701 $\pm$ 0.421 χ^2/NDF : 189047.5/8

1684.761 $\pm$ 0.320 χ^2/NDF : 452354.9/26

1695.152 $\pm$ 0.226 χ^2/NDF : 869630.2/55

1705.486 $\pm$ 0.319 χ^2/NDF : 415169.4/28

diff_bpm0i07X_mean vs Slug, Sign Corrected



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

Left Out: -17.207 ± 0.579 χ^2/NDF : 33.9/9

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

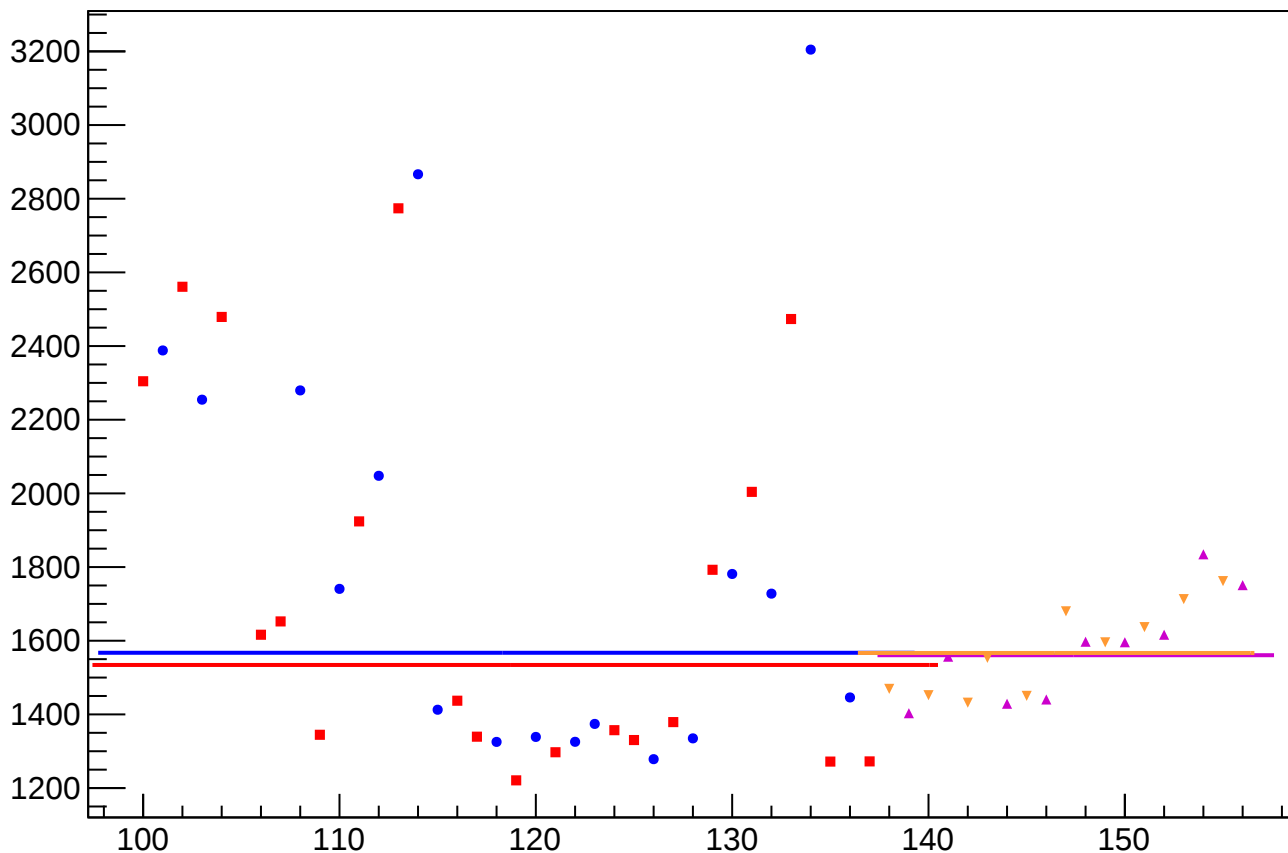
Left In: -27.612 ± 0.580 χ^2/NDF : 170.6/8

7.753 ± 0.429 χ^2/NDF : 5344.3/26

1.626 ± 0.300 χ^2/NDF : 9898.9/55

-4.223 ± 0.419 χ^2/NDF : 4155.3/28

diff_bpm0i07X_rms vs Slug, Sign Corrected



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

Left Out: 1566.791 $\pm$ 0.410 χ^2 /NDF: 75629.1/9

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

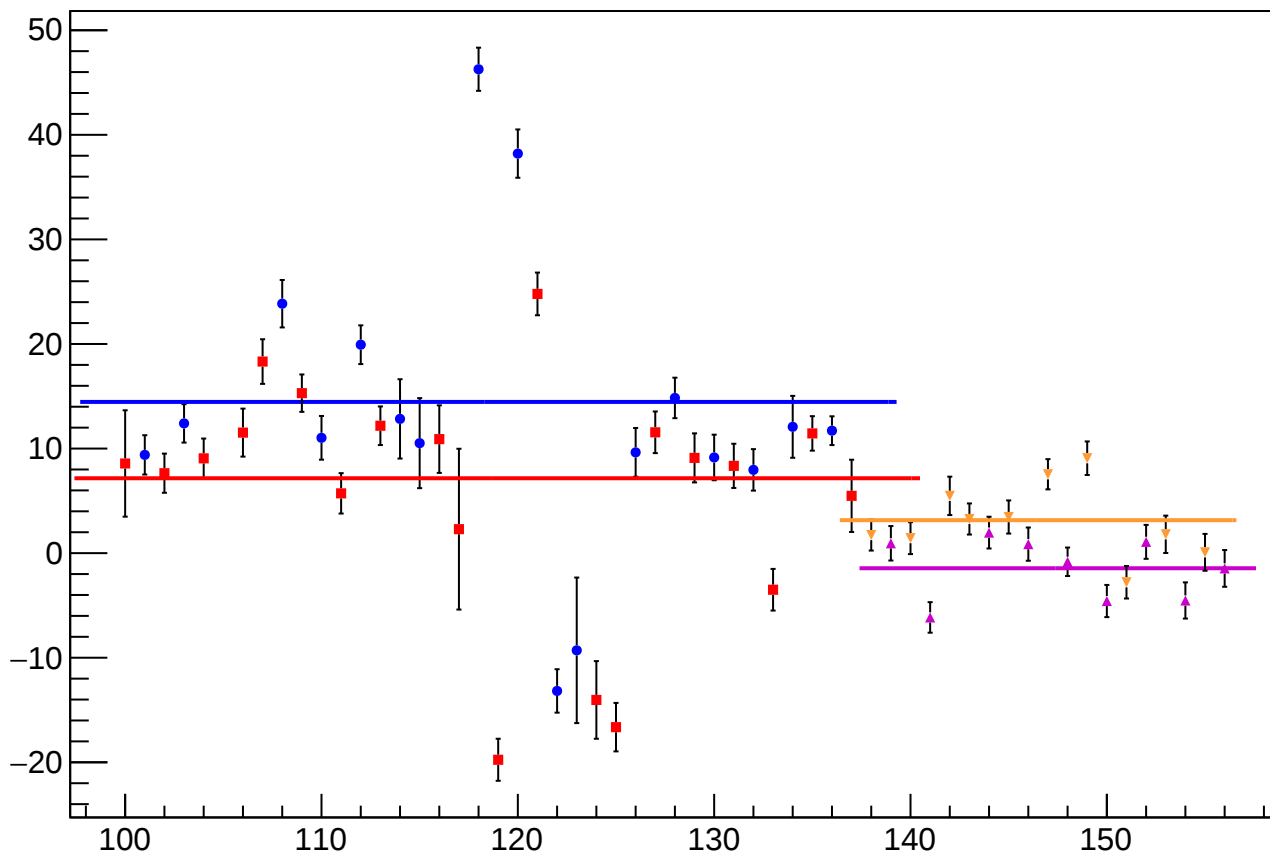
Left In: 1560.708 $\pm$ 0.410 χ^2 /NDF: 102575.7/8

1567.034 $\pm$ 0.303 χ^2 /NDF: 749080.6/26

1557.319 $\pm$ 0.212 χ^2 /NDF: 1739607.5/55

1548.043 $\pm$ 0.296 χ^2 /NDF: 988518.5/28

diff_bpm0i07Y_mean vs Slug, Sign Corrected



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

Left Out: 3.151 $\pm$ 0.503 χ^2 /NDF: 45.0/9

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

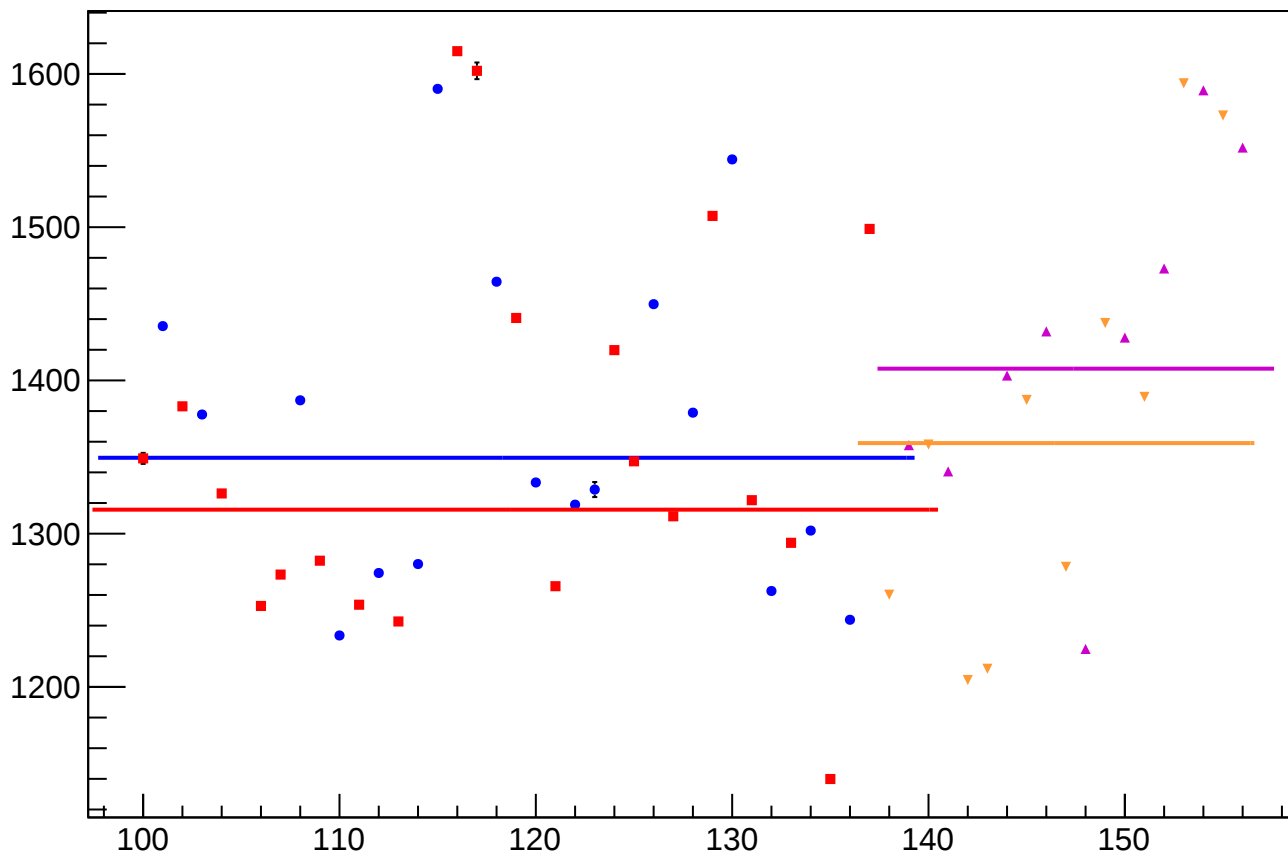
Left In: -1.445 $\pm$ 0.522 χ^2 /NDF: 29.6/8

8.584 $\pm$ 0.363 χ^2 /NDF: 883.7/26

5.812 $\pm$ 0.255 χ^2 /NDF: 1668.3/55

3.102 $\pm$ 0.359 χ^2 /NDF: 669.1/28

diff_bpm0i07Y_rms vs Slug, Sign Corrected



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

Left Out: 1359.109 +/- 0.356 χ^2/NDF : 119096.9/9

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

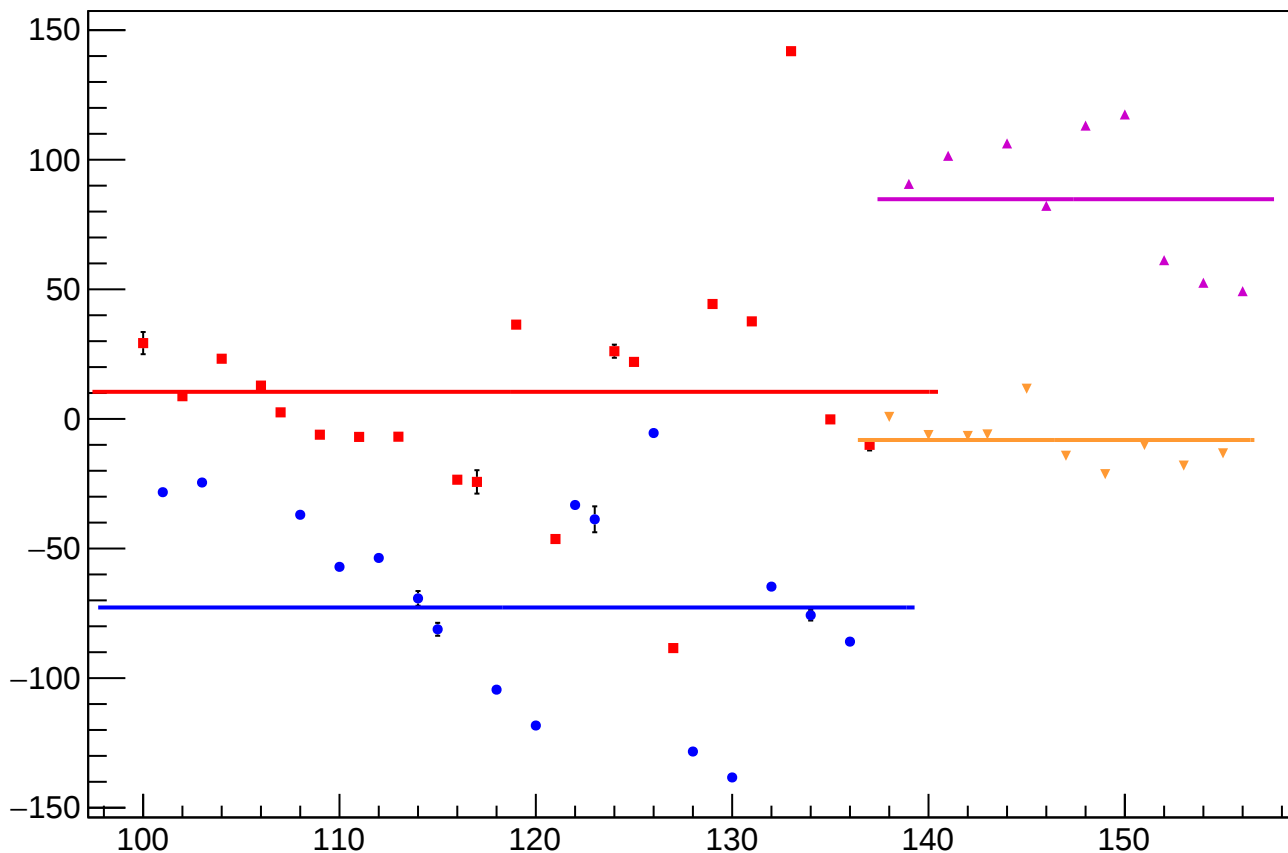
Left In: 1407.680 +/- 0.369 χ^2/NDF : 81770.1/8

1354.504 +/- 0.256 χ^2/NDF : 184113.4/26

1356.809 +/- 0.180 χ^2/NDF : 382592.3/55

1359.064 +/- 0.254 χ^2/NDF : 198319.0/28

diff_bpm1i02X_mean vs Slug, Sign Corrected



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

Left Out: -8.126 ± 0.346 $\chi^2/\text{NDF}: 691.9/9$

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

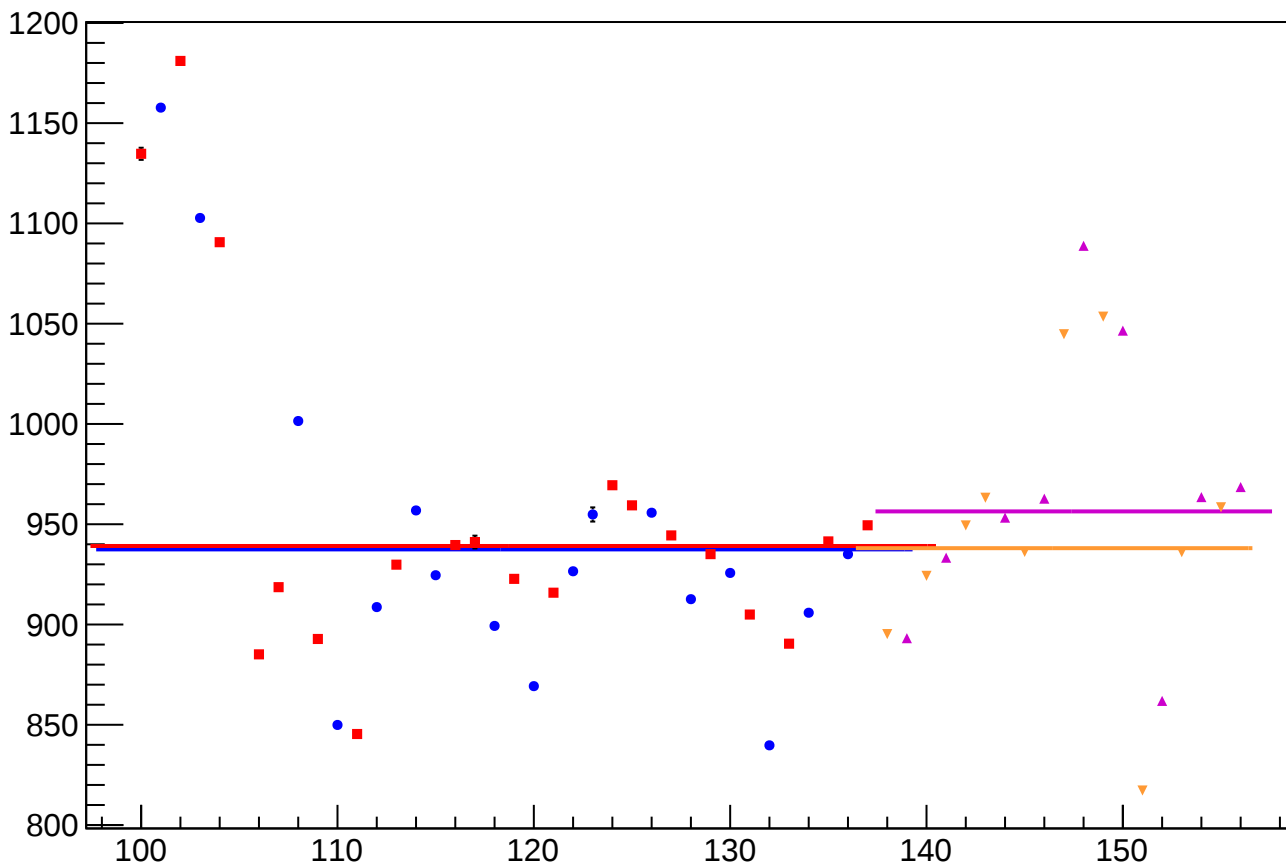
Left In: 84.768 ± 0.354 $\chi^2/\text{NDF}: 4737.2/8$

-38.984 ± 0.250 $\chi^2/\text{NDF}: 28994.5/26$

4.308 ± 0.177 $\chi^2/\text{NDF}: 133698.0/55$

47.282 ± 0.249 $\chi^2/\text{NDF}: 45144.6/28$

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.454 $\pm$ 0.256 χ^2 /NDF: 98307.6/16

Left Out: 938.061 $\pm$ 0.245 χ^2 /NDF: 76230.8/9

Right Out: 939.152 $\pm$ 0.248 χ^2 /NDF: 90253.6/19

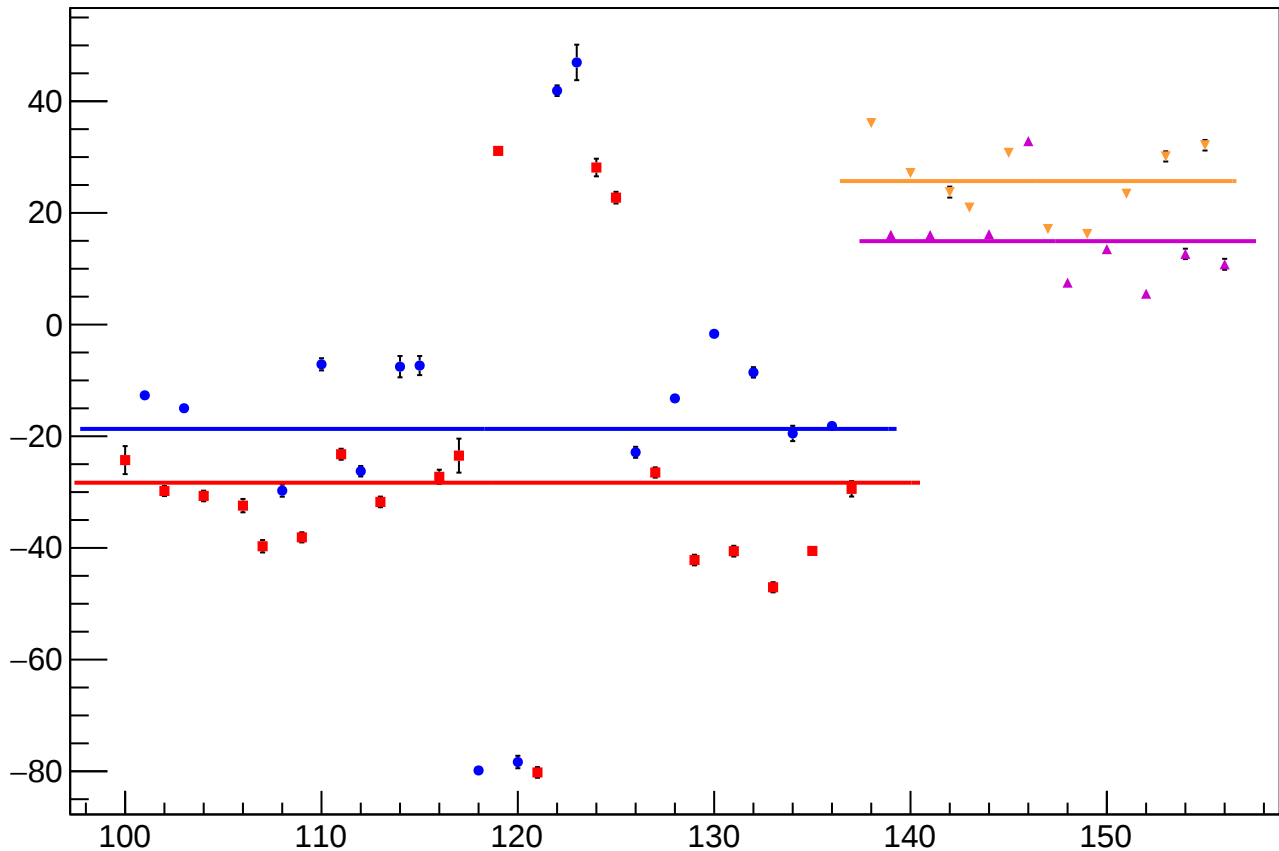
Left In: 956.395 $\pm$ 0.251 χ^2 /NDF: 64849.0/8

937.771 $\pm$ 0.177 χ^2 /NDF: 174541.4/26

942.752 $\pm$ 0.125 χ^2 /NDF: 333609.3/55

947.696 $\pm$ 0.176 χ^2 /NDF: 157491.0/28

diff_bpm1i02Y_mean vs Slug, Sign Corrected



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

Left Out: 25.703+/-0.252 χ^2/NDF : 635.6/9

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

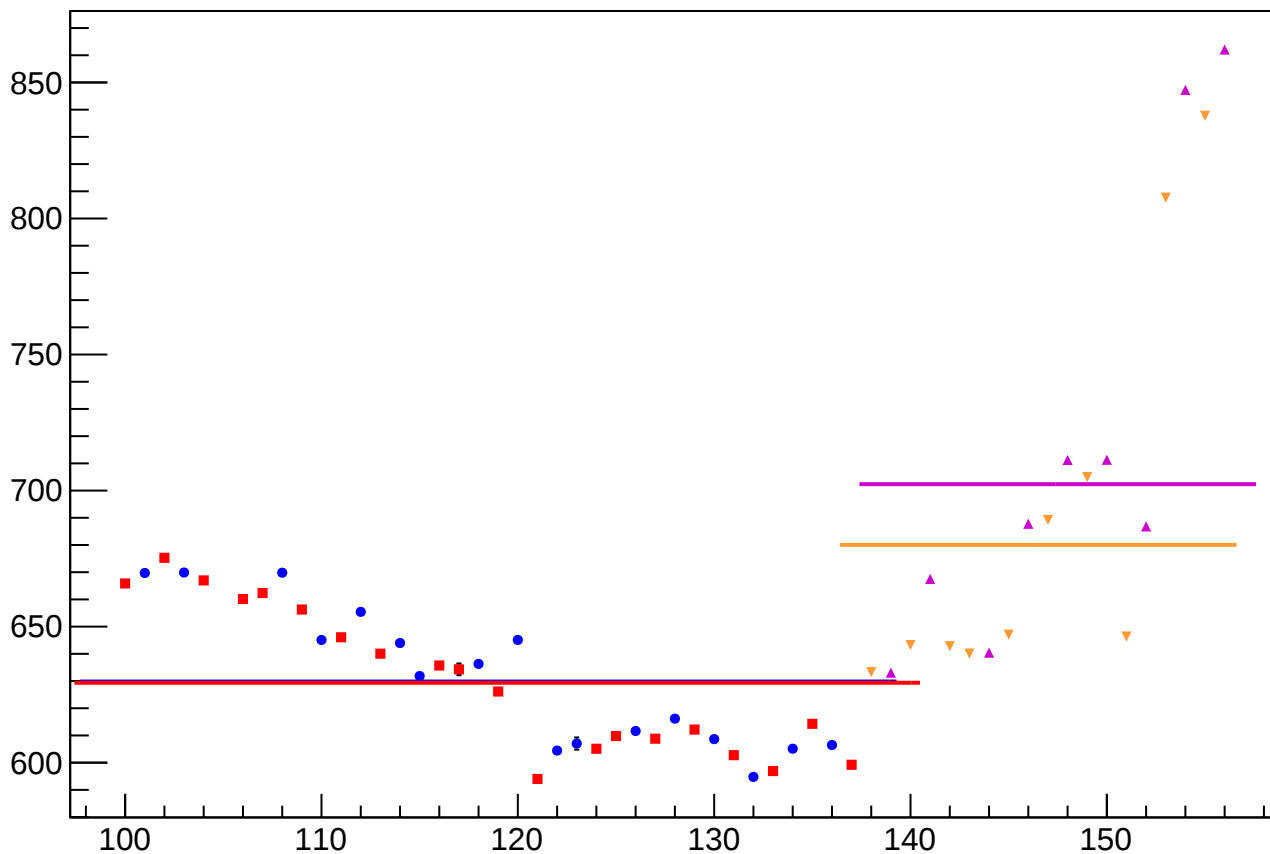
Left In: 14.943+/-0.261 χ^2/NDF : 829.8/8

2.695+/-0.175 χ^2/NDF : 29756.5/26

-3.150+/-0.124 χ^2/NDF : 60507.3/55

-8.989+/-0.175 χ^2/NDF : 28512.9/28

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 629.815 ± 0.172 $\chi^2/\text{NDF}: 23298.3/16$

Left Out: 680.055 ± 0.178 $\chi^2/\text{NDF}: 126975.8/9$

Right Out: 629.370 ± 0.166 $\chi^2/\text{NDF}: 25543.7/19$

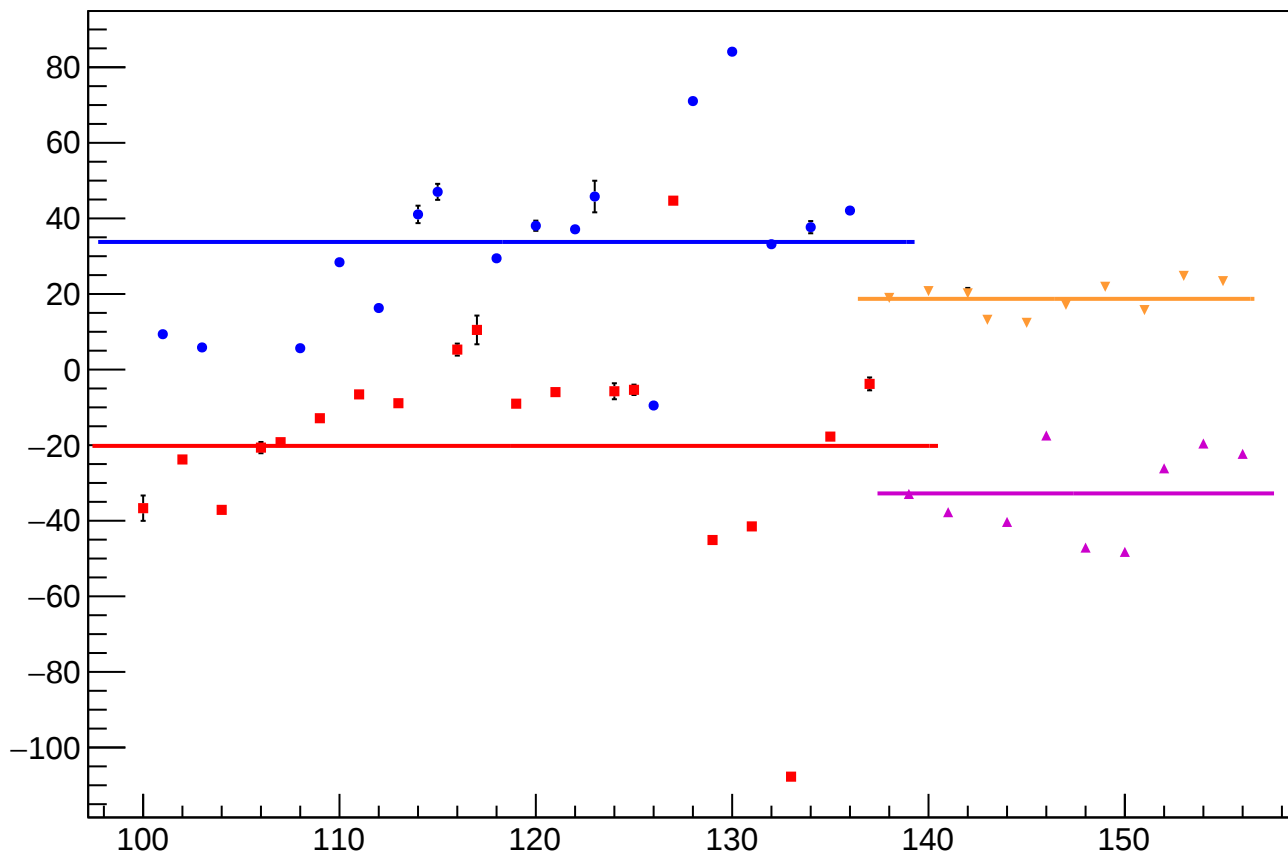
Left In: 702.348 ± 0.185 $\chi^2/\text{NDF}: 141214.3/8$

654.013 ± 0.124 $\chi^2/\text{NDF}: 191566.7/26$

657.997 ± 0.087 $\chi^2/\text{NDF}: 446759.8/55$

661.976 ± 0.123 $\chi^2/\text{NDF}: 253114.7/28$

diff_bpm1i04X_mean vs Slug, Sign Corrected



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

Left Out: 18.718+/-0.372 χ^2/NDF : 112.7/9

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

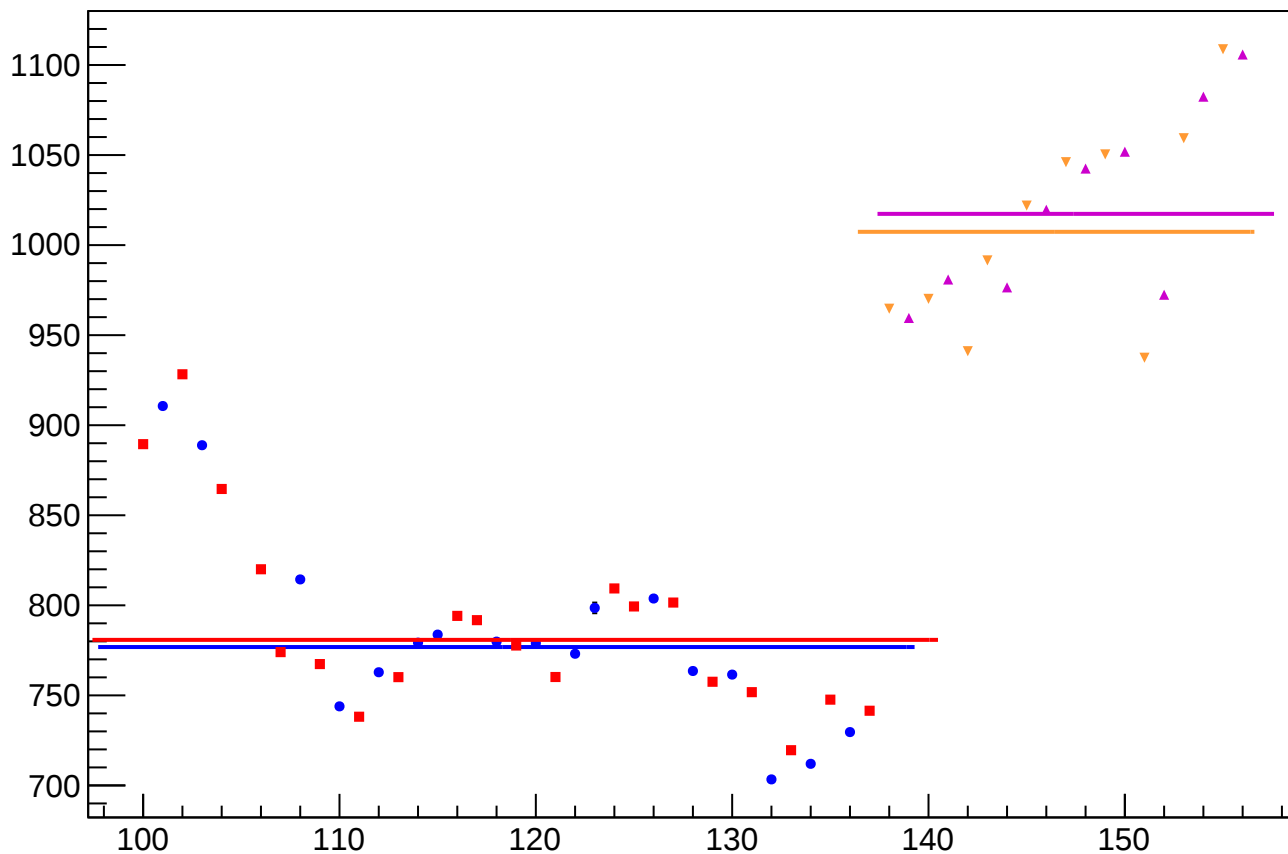
Left In: -32.770+/-0.377 χ^2/NDF : 829.8/8

27.833+/-0.233 χ^2/NDF : 7594.9/26

1.151+/-0.164 χ^2/NDF : 46318.0/55

-24.907+/-0.231 χ^2/NDF : 12880.1/28

diff_bpm1i04X_rms vs Slug, Sign Corrected



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

Left Out: 1007.380 $\pm$ 0.263 χ^2/NDF : 41001.8/9

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

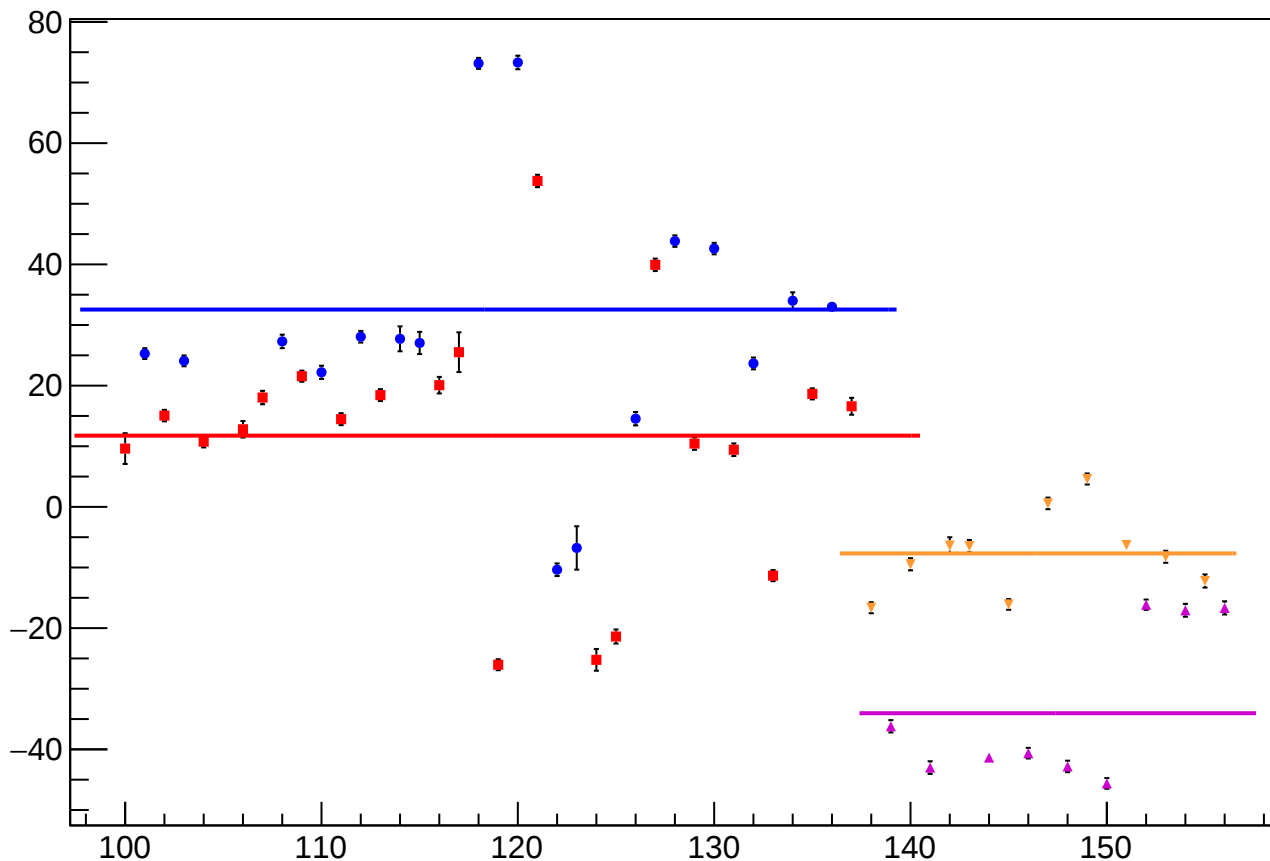
Left In: 1017.347 $\pm$ 0.266 χ^2/NDF : 32633.6/8

867.795 $\pm$ 0.165 χ^2/NDF : 574800.9/26

868.648 $\pm$ 0.116 χ^2/NDF : 1157986.2/55

869.481 $\pm$ 0.163 χ^2/NDF : 583132.4/28

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

Left Out: -7.678+/-0.307 χ^2/NDF : 469.2/9

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

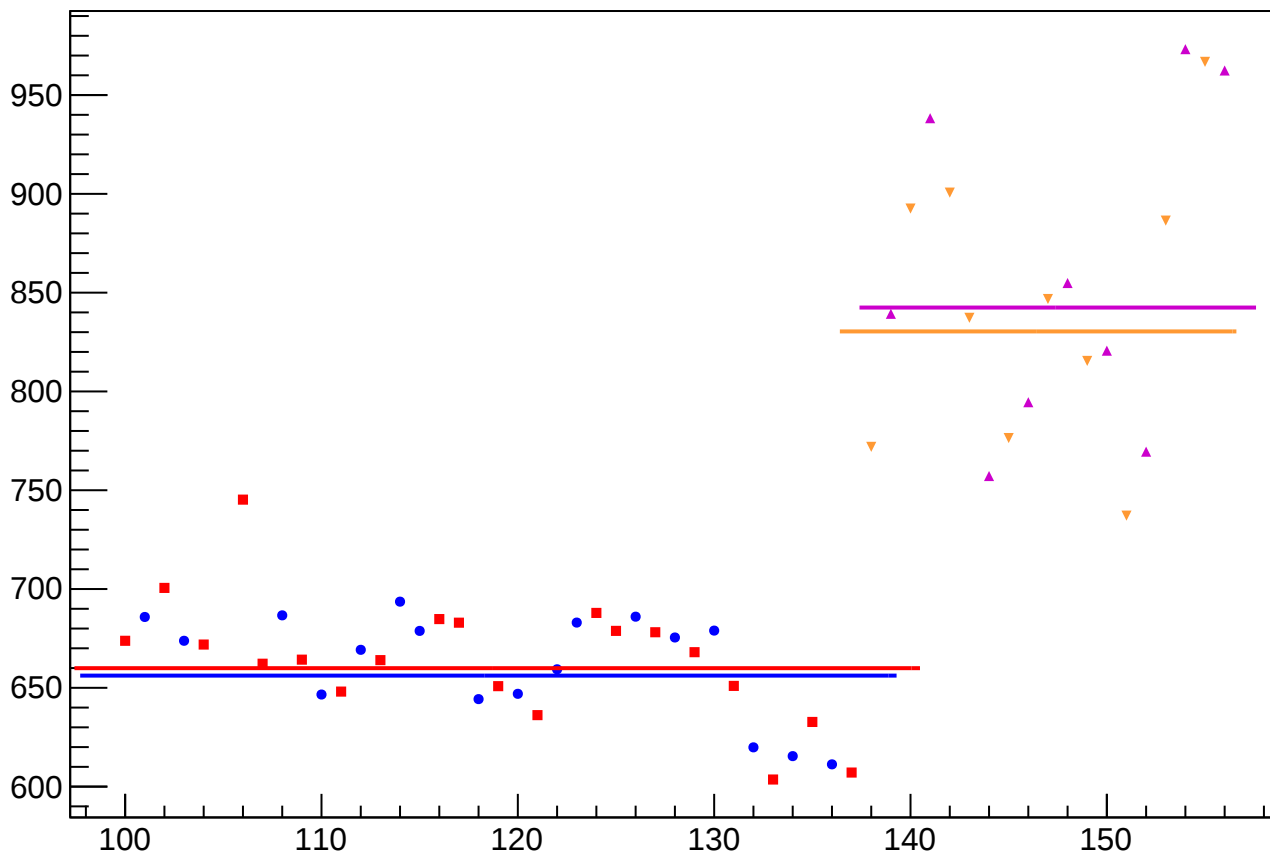
Left In: -34.037+/-0.314 χ^2/NDF : 1418.2/8

16.323+/-0.195 χ^2/NDF : 16753.7/26

5.243+/-0.138 χ^2/NDF : 44088.0/55

-5.672+/-0.194 χ^2/NDF : 20945.8/28

diff_bpm1i04Y_rms vs Slug, Sign Corrected



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

Left Out: 830.380 +/- 0.217 χ^2/NDF : 93244.2/9

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

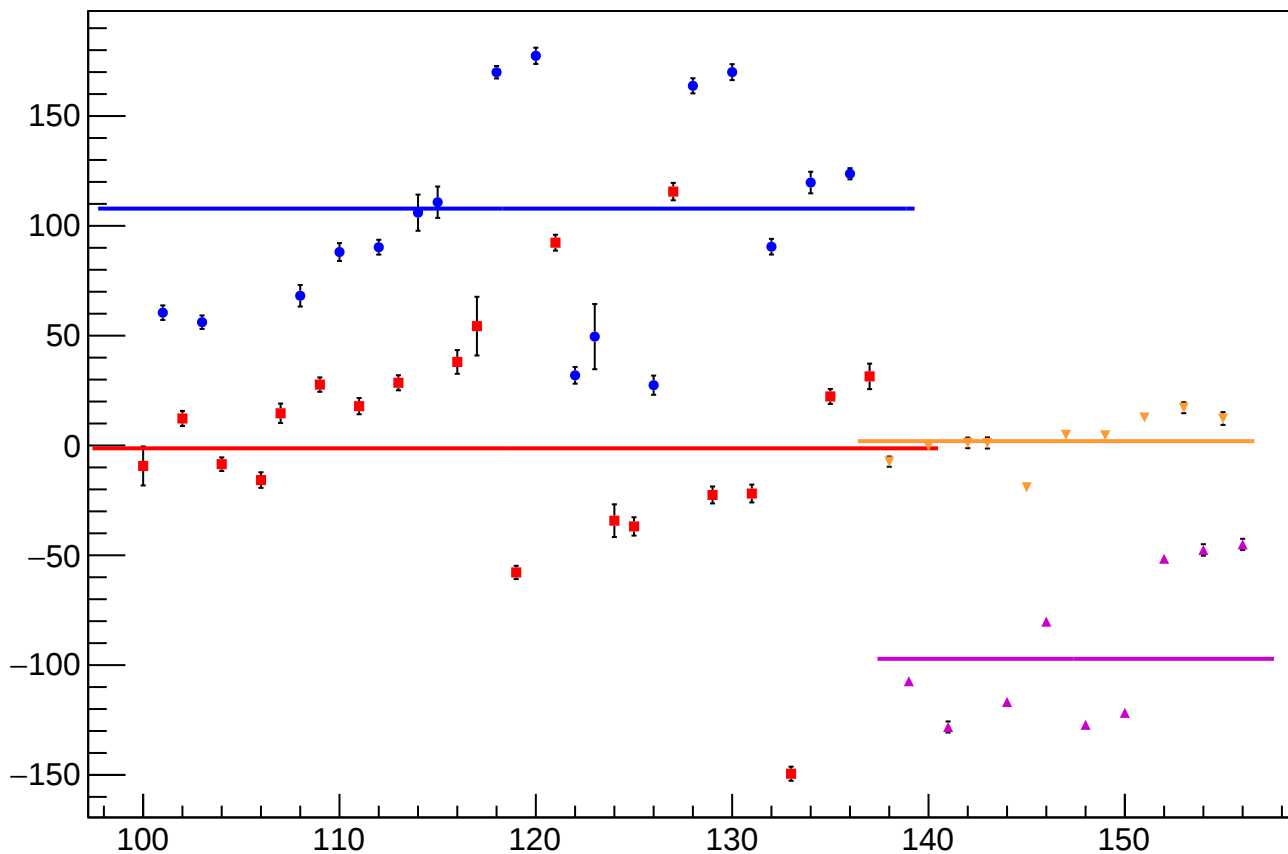
Left In: 842.459 +/- 0.222 χ^2/NDF : 114650.6/8

726.456 +/- 0.138 χ^2/NDF : 499733.5/26

727.937 +/- 0.097 χ^2/NDF : 1060974.3/55

729.396 +/- 0.137 χ^2/NDF : 561012.5/28

diff_bpm1i06X_mean vs Slug, Sign Corrected



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

Left Out: 1.971 $\pm$ 0.692 χ^2/NDF : 202.7/9

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

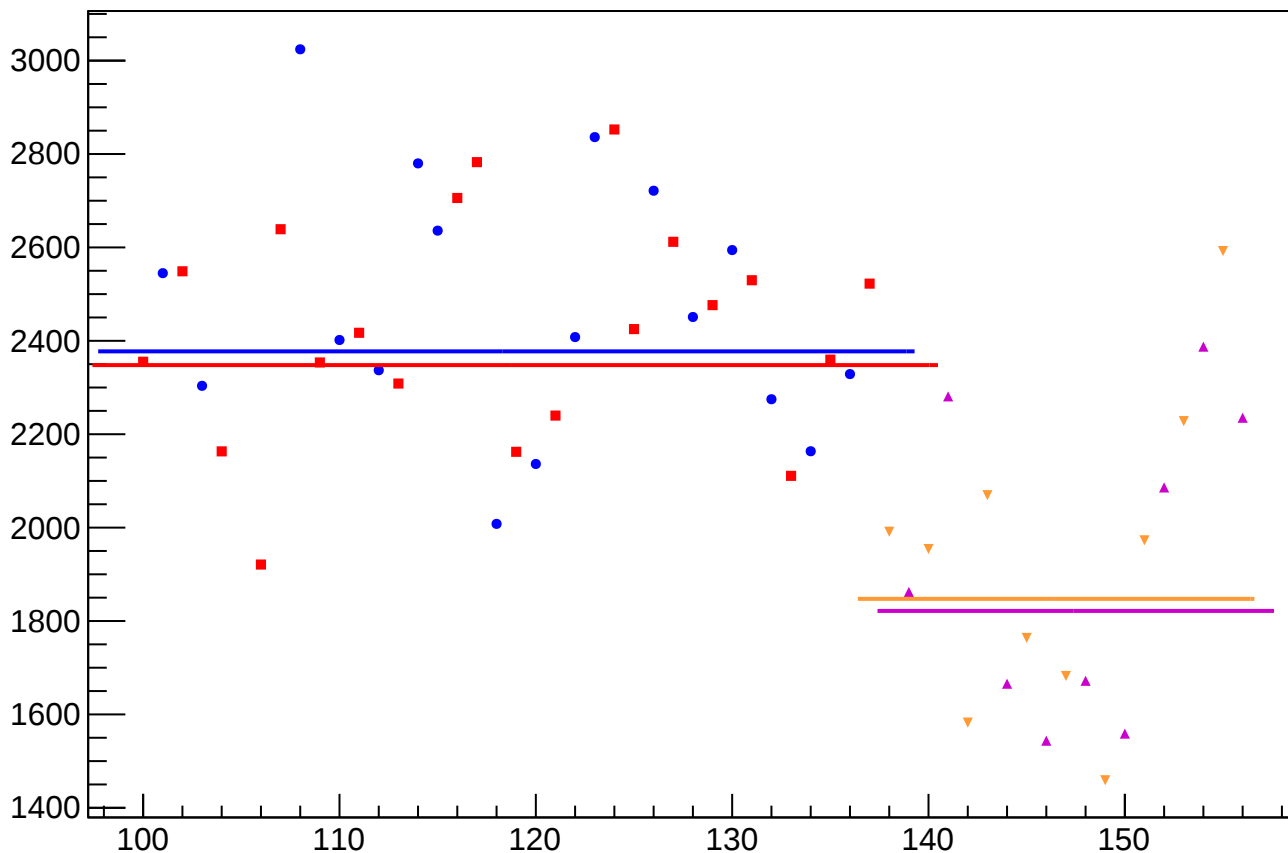
Left In: -97.141 $\pm$ 0.687 χ^2/NDF : 2027.5/8

40.165 $\pm$ 0.553 χ^2/NDF : 11450.8/26

-11.446 $\pm$ 0.387 χ^2/NDF : 42404.4/55

-60.916 $\pm$ 0.542 χ^2/NDF : 13923.7/28

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2377.423 $\pm$ 0.652 χ^2/NDF : 119648.6/16

Left Out: 1847.465 $\pm$ 0.489 χ^2/NDF : 367013.9/9

Right Out: 2348.017 $\pm$ 0.623 χ^2/NDF : 110379.6/19

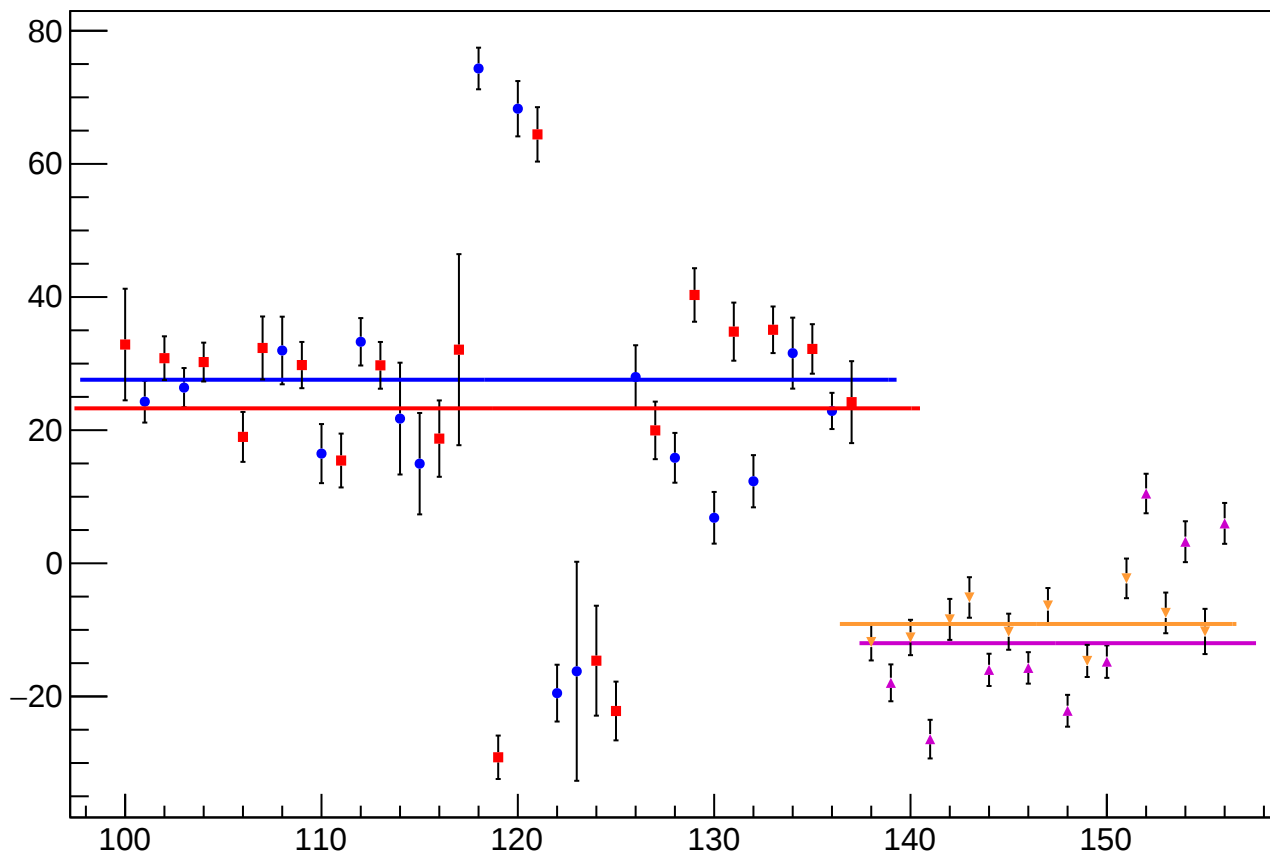
Left In: 1821.627 $\pm$ 0.486 χ^2/NDF : 369246.8/8

2038.635 $\pm$ 0.391 χ^2/NDF : 909501.6/26

2029.419 $\pm$ 0.274 χ^2/NDF : 1833947.5/55

2020.587 $\pm$ 0.383 χ^2/NDF : 923360.1/28

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 27.577 $\pm$ 0.975 χ^2/NDF : 519.6/16

Left Out: -9.113 $\pm$ 0.896 χ^2/NDF : 15.6/9

Right Out: 23.280 $\pm$ 0.925 χ^2/NDF : 558.2/19

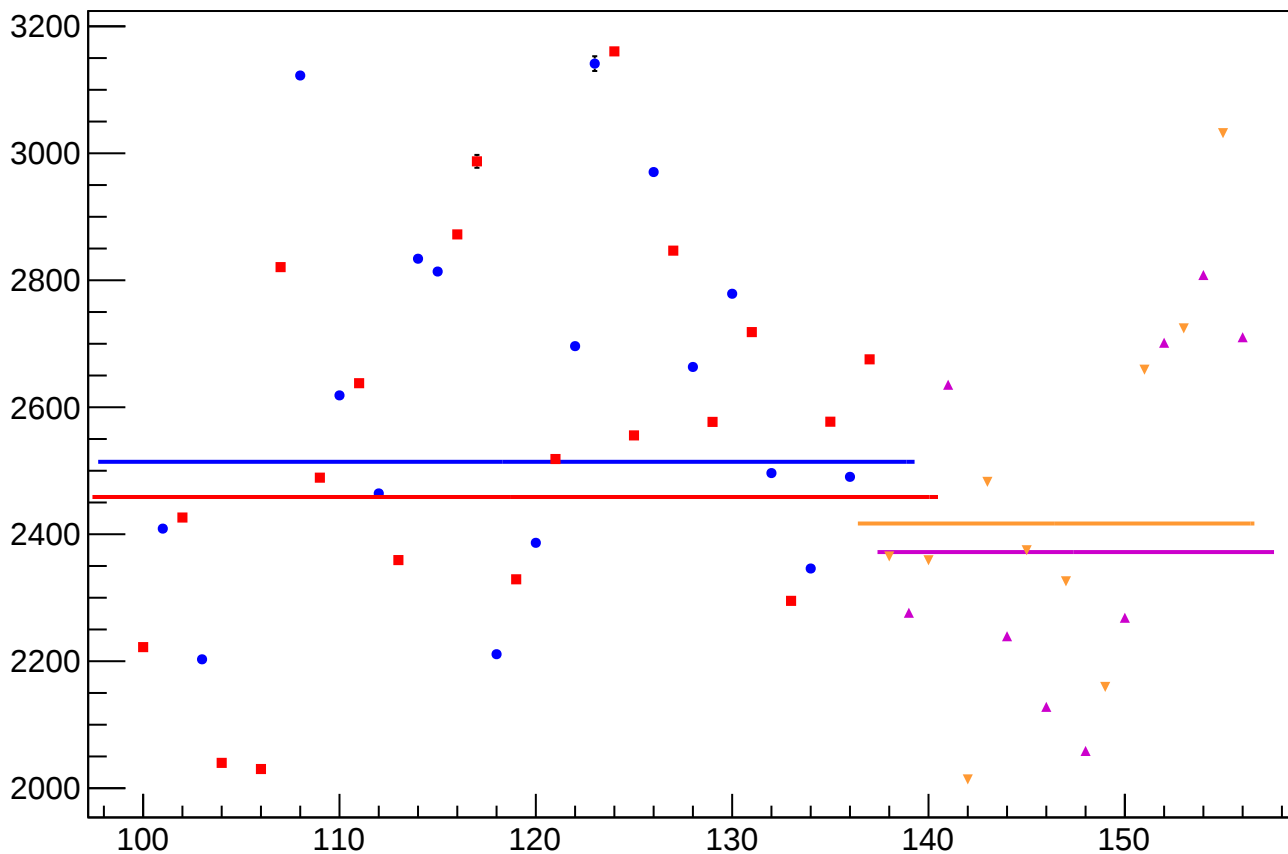
Left In: -11.999 $\pm$ 0.888 χ^2/NDF : 170.1/8

7.697 $\pm$ 0.660 χ^2/NDF : 1302.8/26

6.273 $\pm$ 0.460 χ^2/NDF : 2796.7/55

4.929 $\pm$ 0.641 χ^2/NDF : 1484.9/28

diff_bpm1i06Y_rms vs Slug, Sign Corrected



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

Left Out: 2416.894 +/- 0.634 χ^2/NDF : 161475.6/9

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

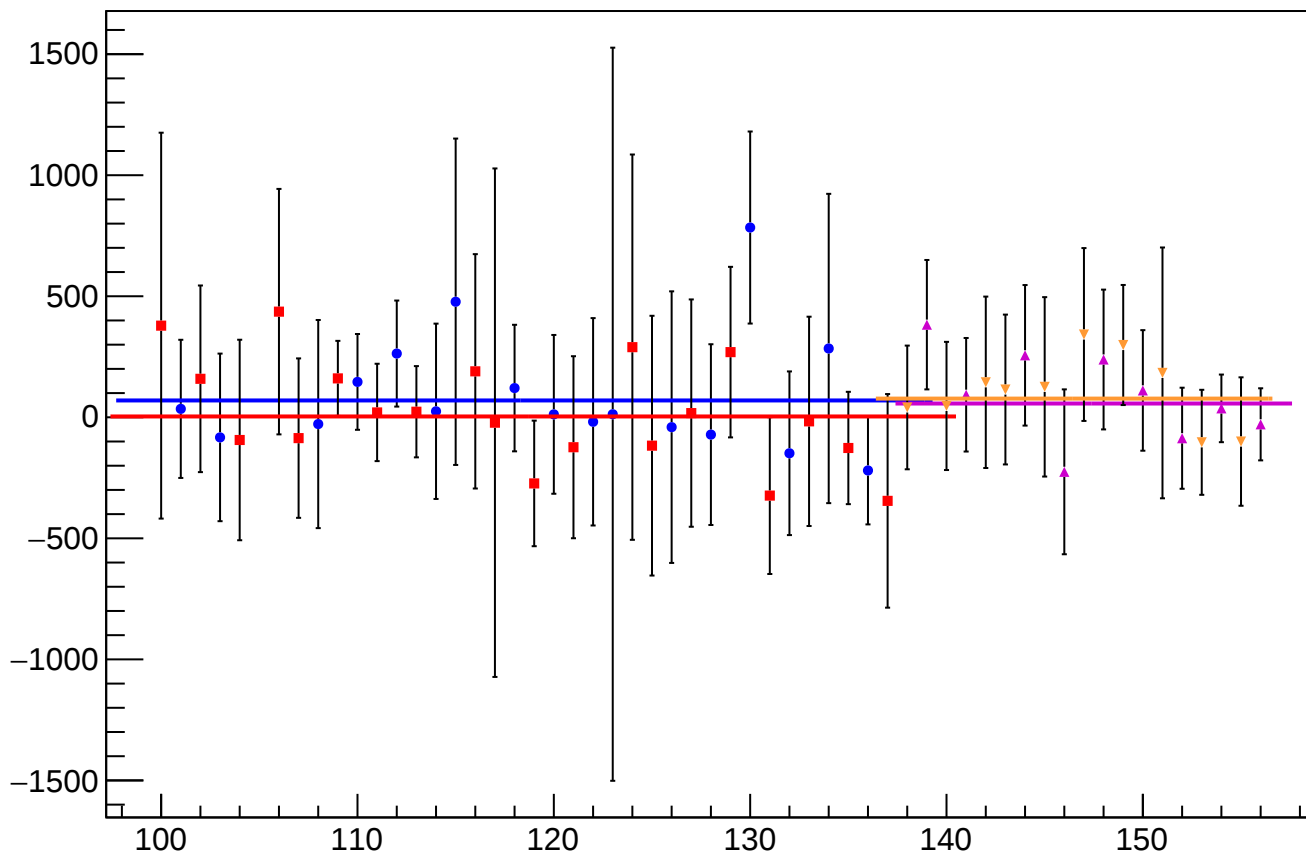
Left In: 2371.918 +/- 0.628 χ^2/NDF : 173364.5/8

2461.425 +/- 0.467 χ^2/NDF : 293210.8/26

2436.784 +/- 0.325 χ^2/NDF : 633602.2/55

2413.542 +/- 0.453 χ^2/NDF : 334970.8/28

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: 77.242 $\pm$ 91.829 χ^2 /NDF: 2.6/9

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

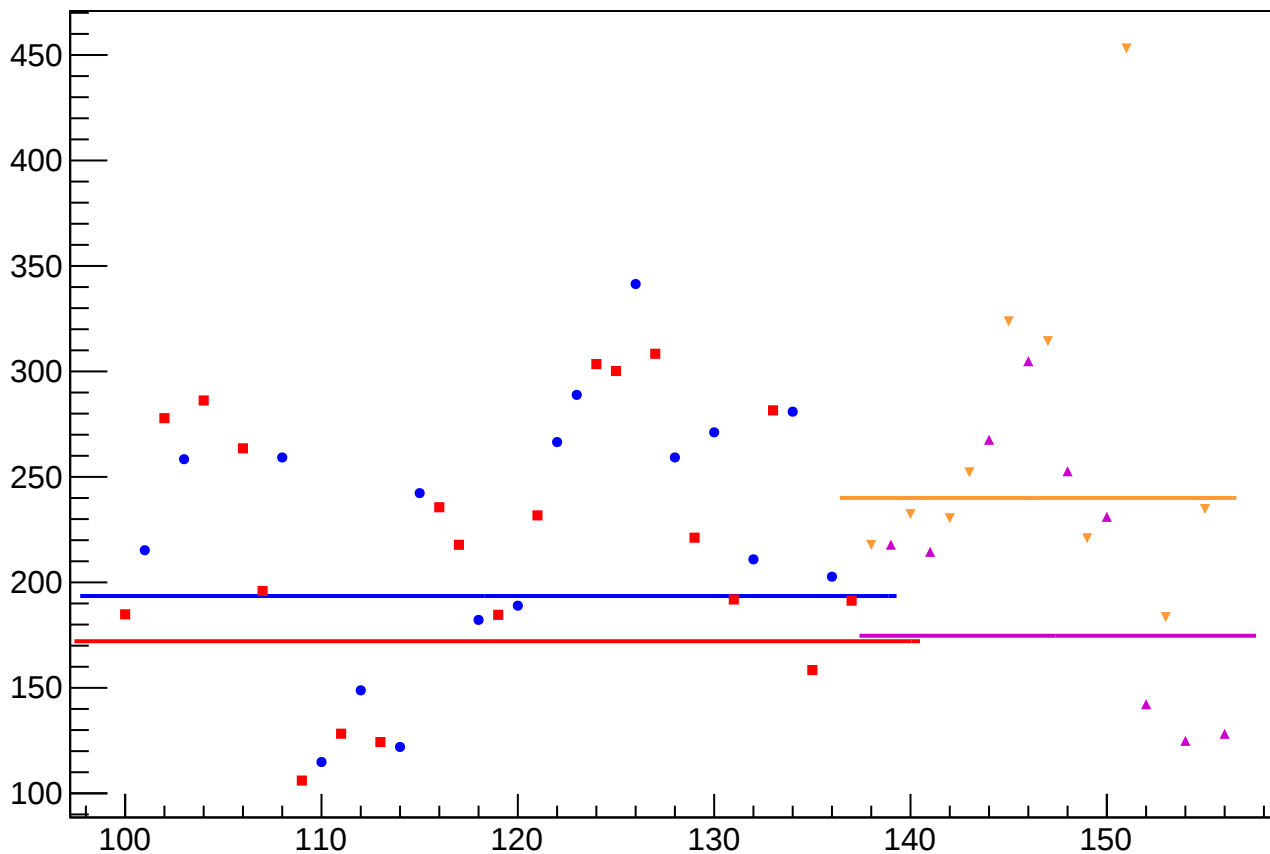
Left In: 56.920 $\pm$ 70.688 χ^2 /NDF: 3.9/8

72.844 $\pm$ 59.898 χ^2 /NDF: 10.0/26

47.374 $\pm$ 38.237 χ^2 /NDF: 20.9/55

29.855 $\pm$ 49.676 χ^2 /NDF: 10.6/28

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 240.016 +/- 0.065 χ^2/NDF : 696912.7/9

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

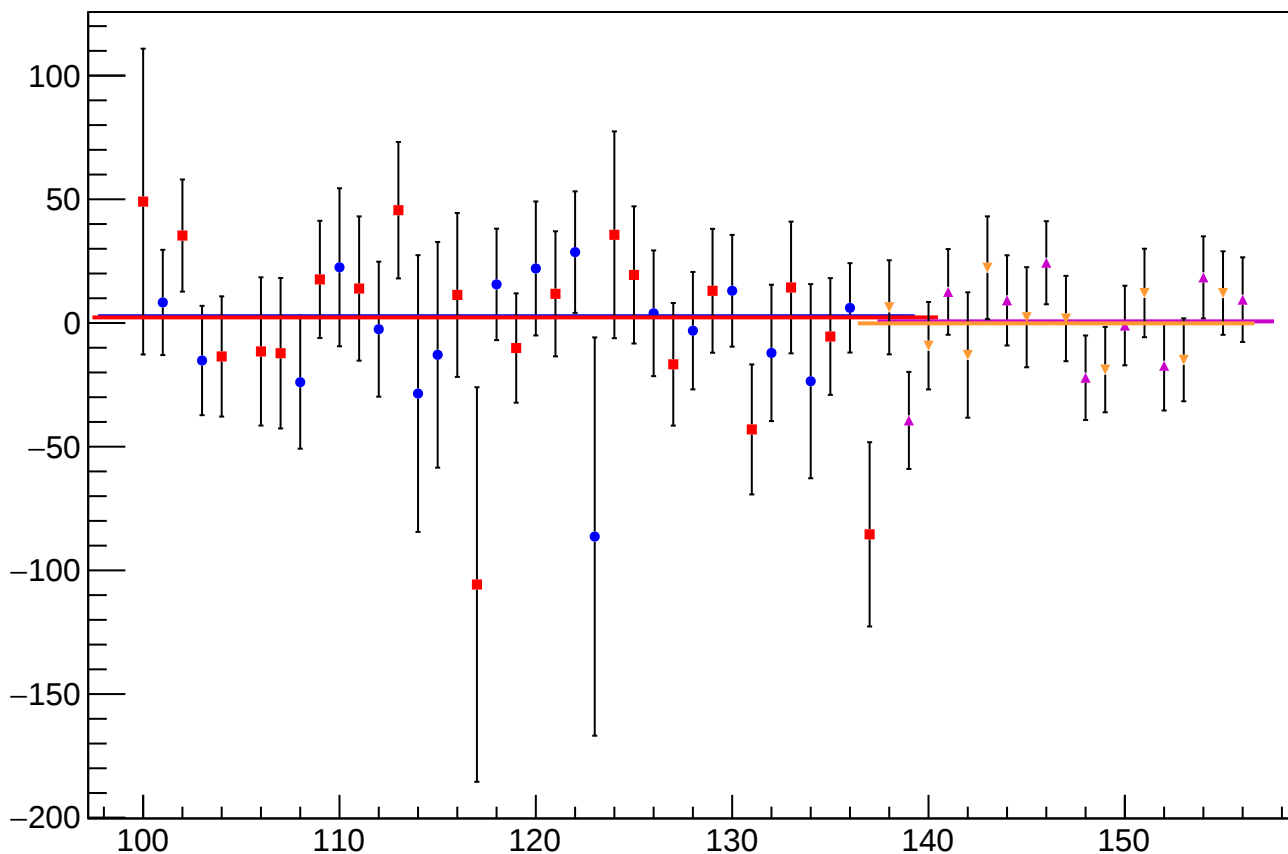
Left In: 174.711 +/- 0.050 χ^2/NDF : 1352852.0/8

213.310 +/- 0.042 χ^2/NDF : 2001771.6/26

189.659 +/- 0.027 χ^2/NDF : 5463001.5/55

173.391 +/- 0.035 χ^2/NDF : 2934919.9/28

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: -0.145 $\pm$ 5.853 χ^2 /NDF:4.8/9

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

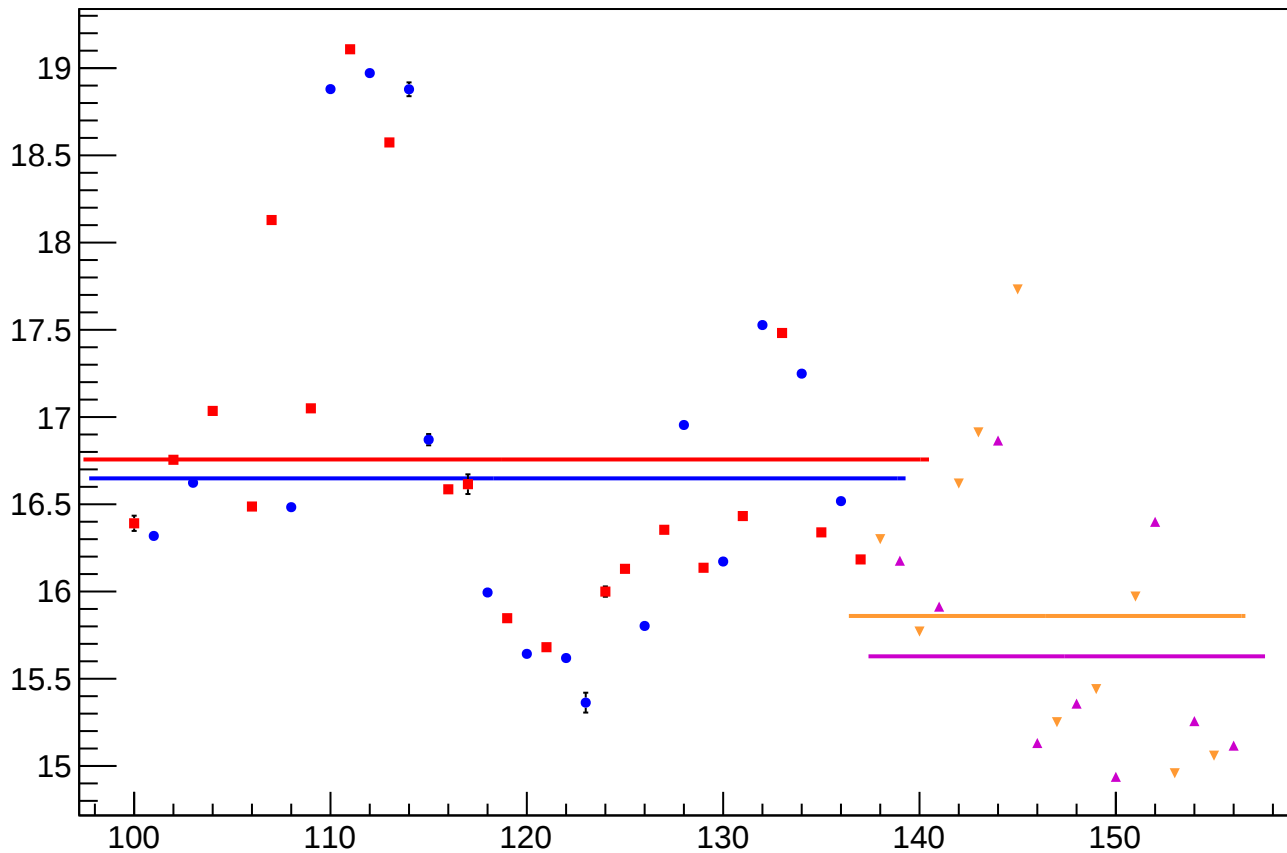
Left In: 0.658 $\pm$ 5.786 χ^2 /NDF:11.0/8

1.160 $\pm$ 4.327 χ^2 /NDF: 11.7/26

1.280 $\pm$ 3.031 χ^2 /NDF: 42.3/55

1.396 $\pm$ 4.249 χ^2 /NDF: 30.7/28

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 15.860+/-0.004 χ^2/NDF : 39203.5/9

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

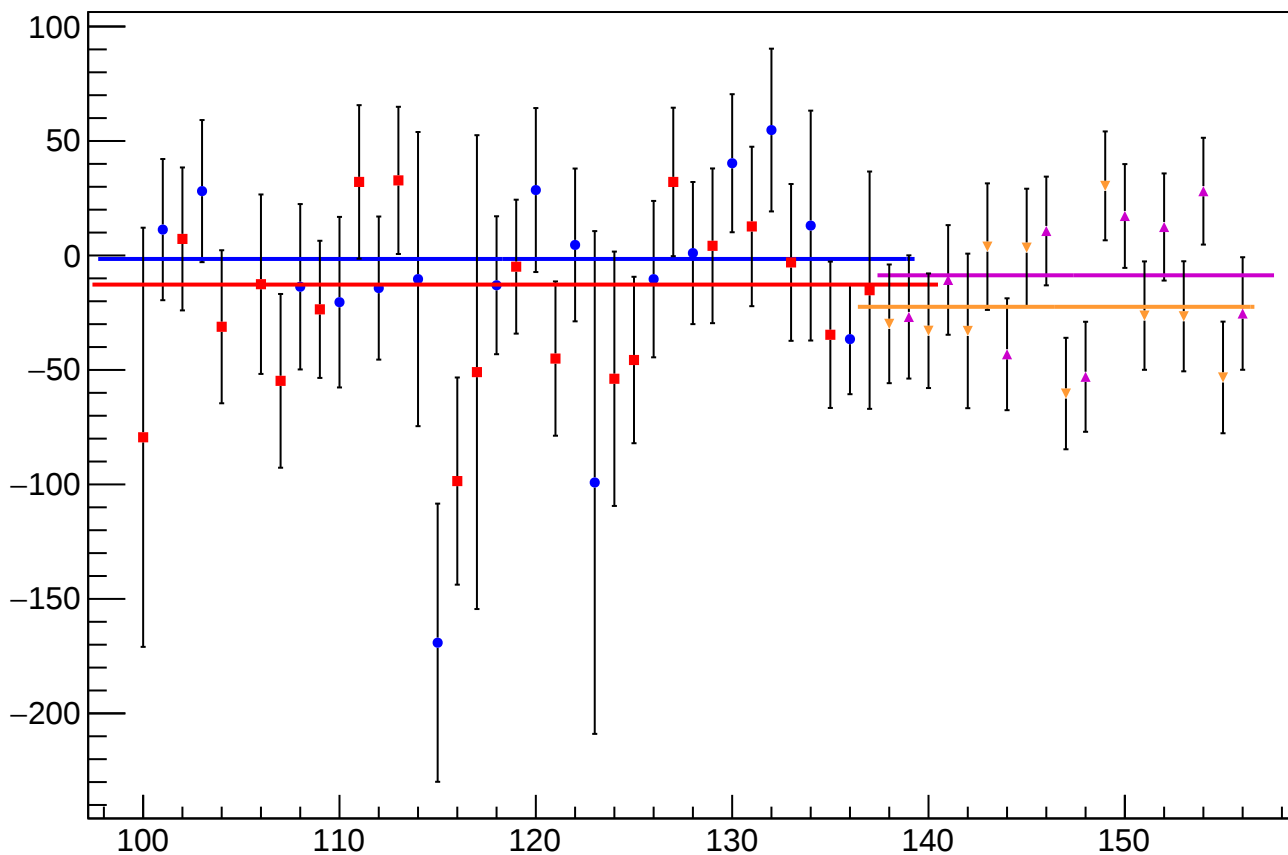
Left In: 15.628+/-0.004 χ^2/NDF : 23675.8/8

16.218+/-0.003 χ^2/NDF : 98244.3/26

16.182+/-0.002 χ^2/NDF : 197186.6/55

16.148+/-0.003 χ^2/NDF : 98681.9/28

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -22.425 ± 8.049 χ^2/NDF : 11.3/9

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

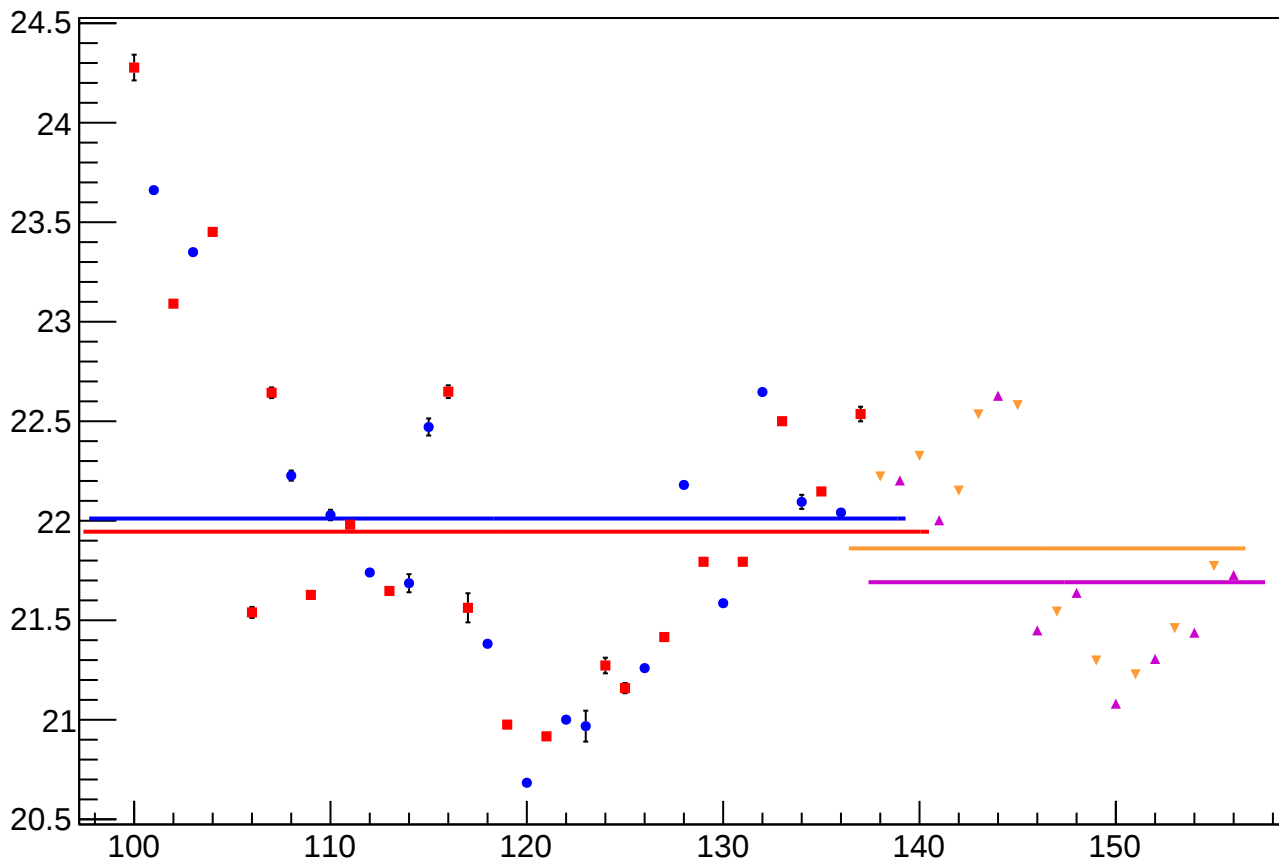
Left In: -8.662 ± 8.014 χ^2/NDF : 11.6/8

-12.525 ± 5.840 χ^2/NDF : 32.1/26

-11.567 ± 4.088 χ^2/NDF : 59.6/55

-10.646 ± 5.726 χ^2/NDF : 27.4/28

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: 21.861 $\pm$ 0.006 χ^2 /NDF: 7450.6/9

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

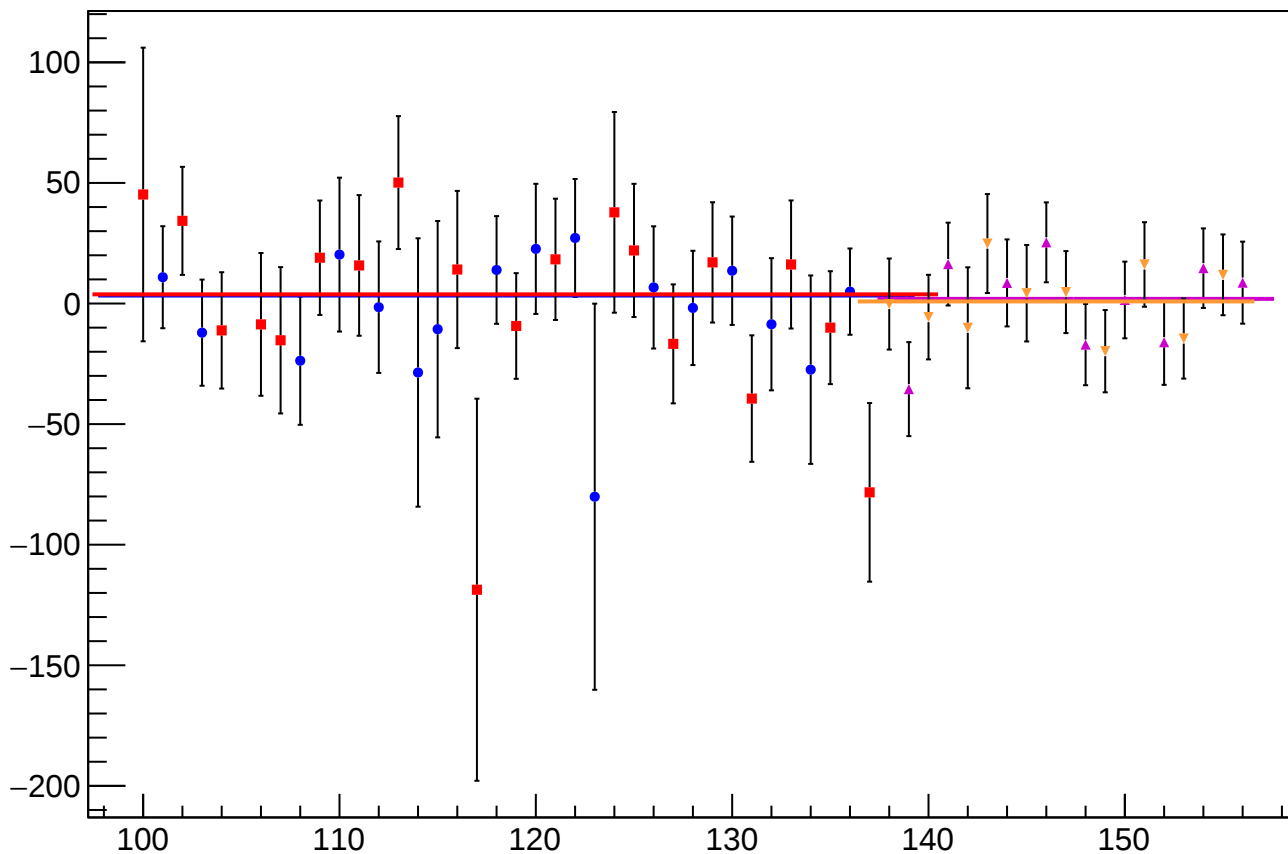
Left In: 21.691 $\pm$ 0.006 χ^2 /NDF: 6449.0/8

21.932 $\pm$ 0.004 χ^2 /NDF: 25327.2/26

21.873 $\pm$ 0.003 χ^2 /NDF: 49786.4/55

21.815 $\pm$ 0.004 χ^2 /NDF: 24051.9/28

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: 0.866 ± 5.787 χ^2/NDF : 5.3/9

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

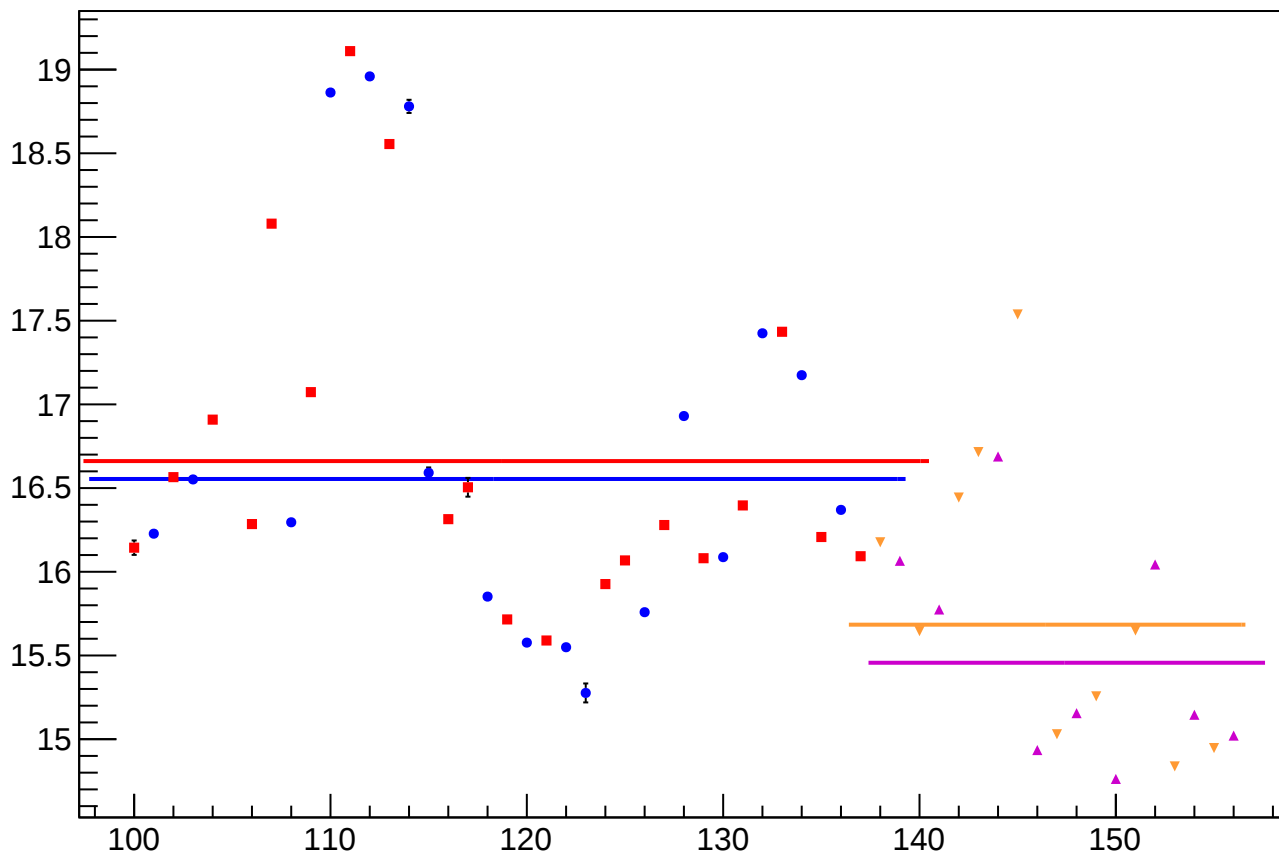
Left In: 1.927 ± 5.721 χ^2/NDF : 9.6/8

1.971 ± 4.289 χ^2/NDF : 11.6/26

2.385 ± 3.005 χ^2/NDF : 41.4/55

2.785 ± 4.212 χ^2/NDF : 29.8/28

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: 15.684 $\pm$ 0.004 χ^2 /NDF: 38695.8/9

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

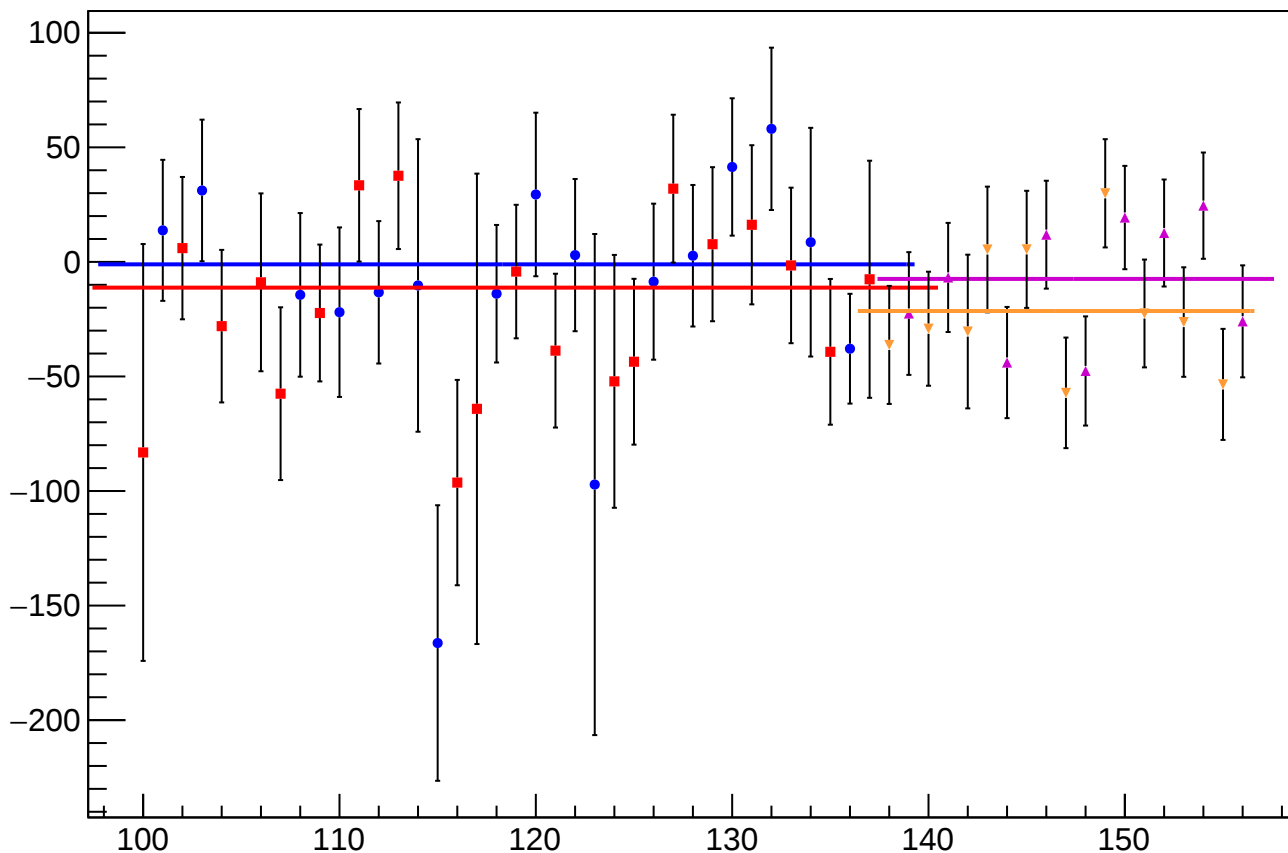
Left In: 15.457 $\pm$ 0.004 χ^2 /NDF: 22627.8/8

16.076 $\pm$ 0.003 χ^2 /NDF: 103557.7/26

16.042 $\pm$ 0.002 χ^2 /NDF: 210132.2/55

16.008 $\pm$ 0.003 χ^2 /NDF: 106317.7/28

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: -21.438 ± 7.996 χ^2/NDF : 11.3/9

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

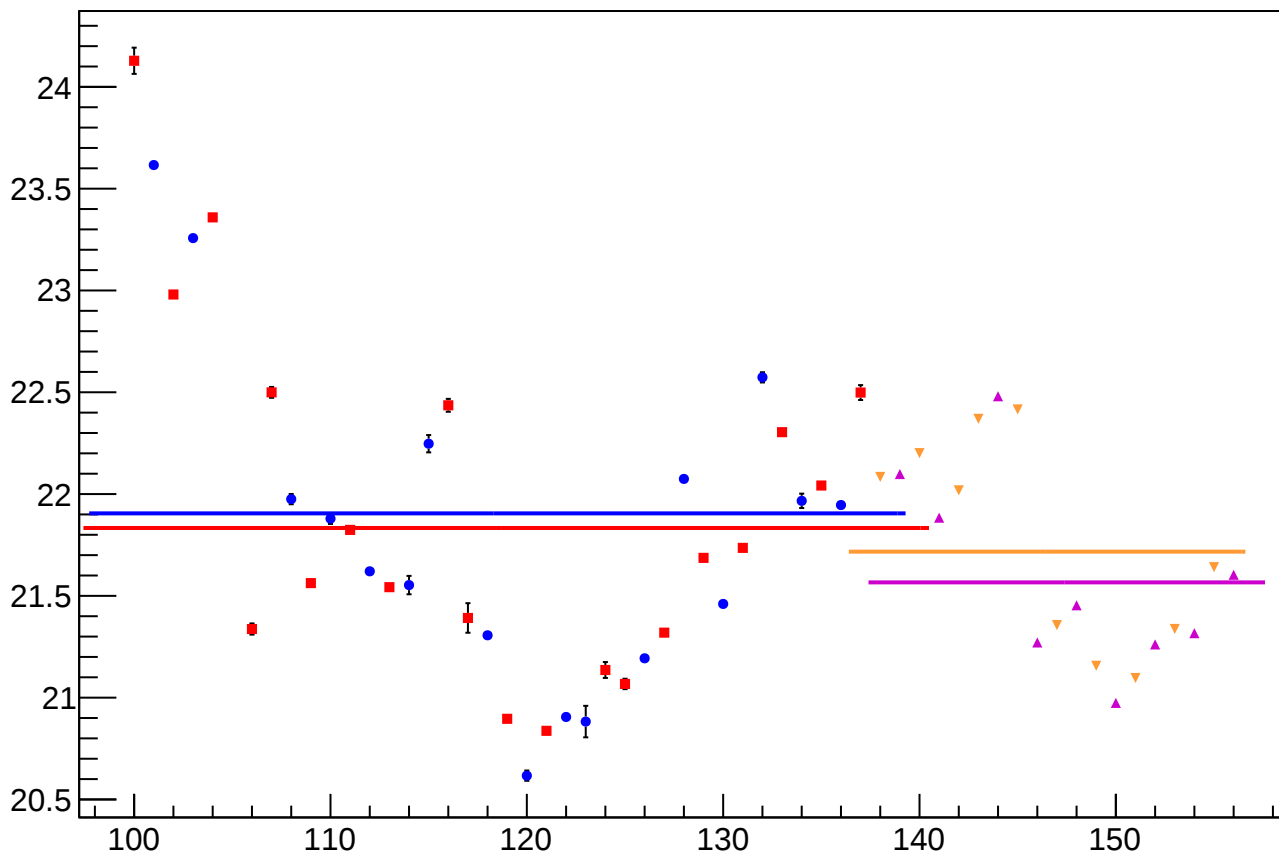
Left In: -7.428 ± 7.967 χ^2/NDF : 10.7/8

-11.808 ± 5.806 χ^2/NDF : 32.8/26

-10.525 ± 4.066 χ^2/NDF : 60.2/55

-9.290 ± 5.695 χ^2/NDF : 27.3/28

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected

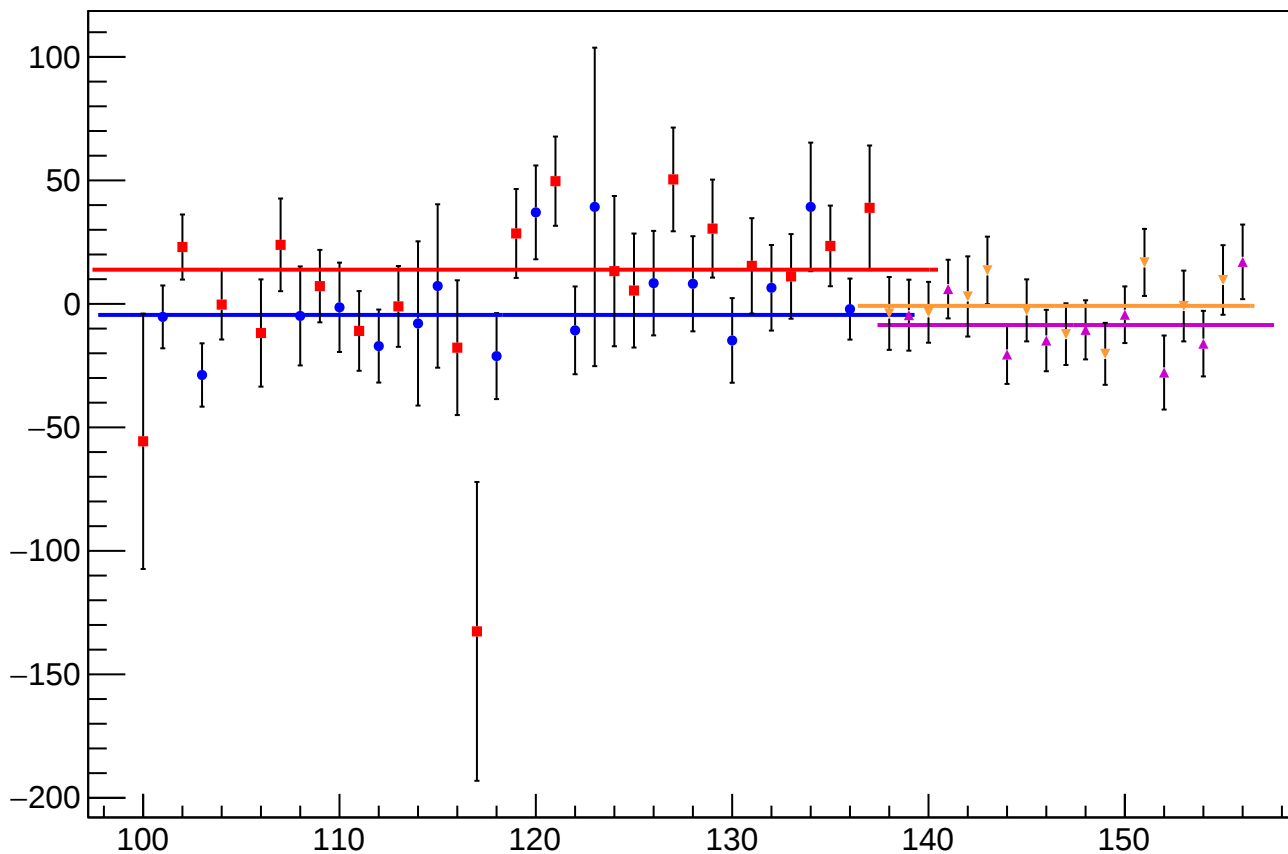


21.806 ± 0.004 $\chi^2/\text{NDF}: 25757.1/26$

21.750 ± 0.003 $\chi^2/\text{NDF}: 49801.5/55$

21.697 ± 0.004 $\chi^2/\text{NDF}: 23684.2/28$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.461 $\pm$ 4.329 χ^2 /NDF: 15.2/16

Left Out: -0.804 $\pm$ 4.272 χ^2 /NDF: 6.7/9

Right Out: 13.851 $\pm$ 4.253 χ^2 /NDF: 25.4/19

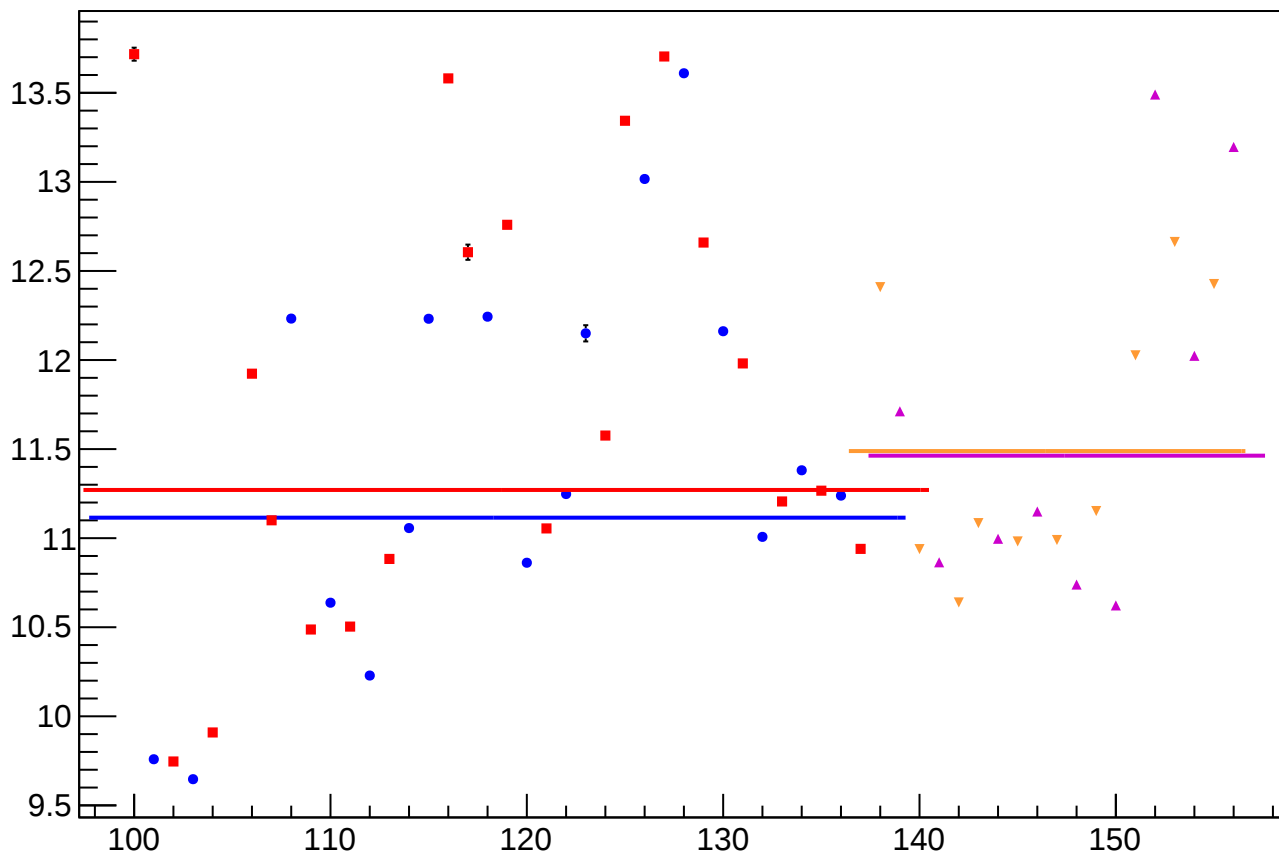
Left In: -8.558 $\pm$ 4.282 χ^2 /NDF: 7.8/8

-2.608 $\pm$ 3.041 χ^2 /NDF: 22.3/26

0.077 $\pm$ 2.142 χ^2 /NDF: 70.9/55

2.721 $\pm$ 3.018 χ^2 /NDF: 47.0/28

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 11.489+/-0.003 χ^2/NDF : 52332.9/9

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

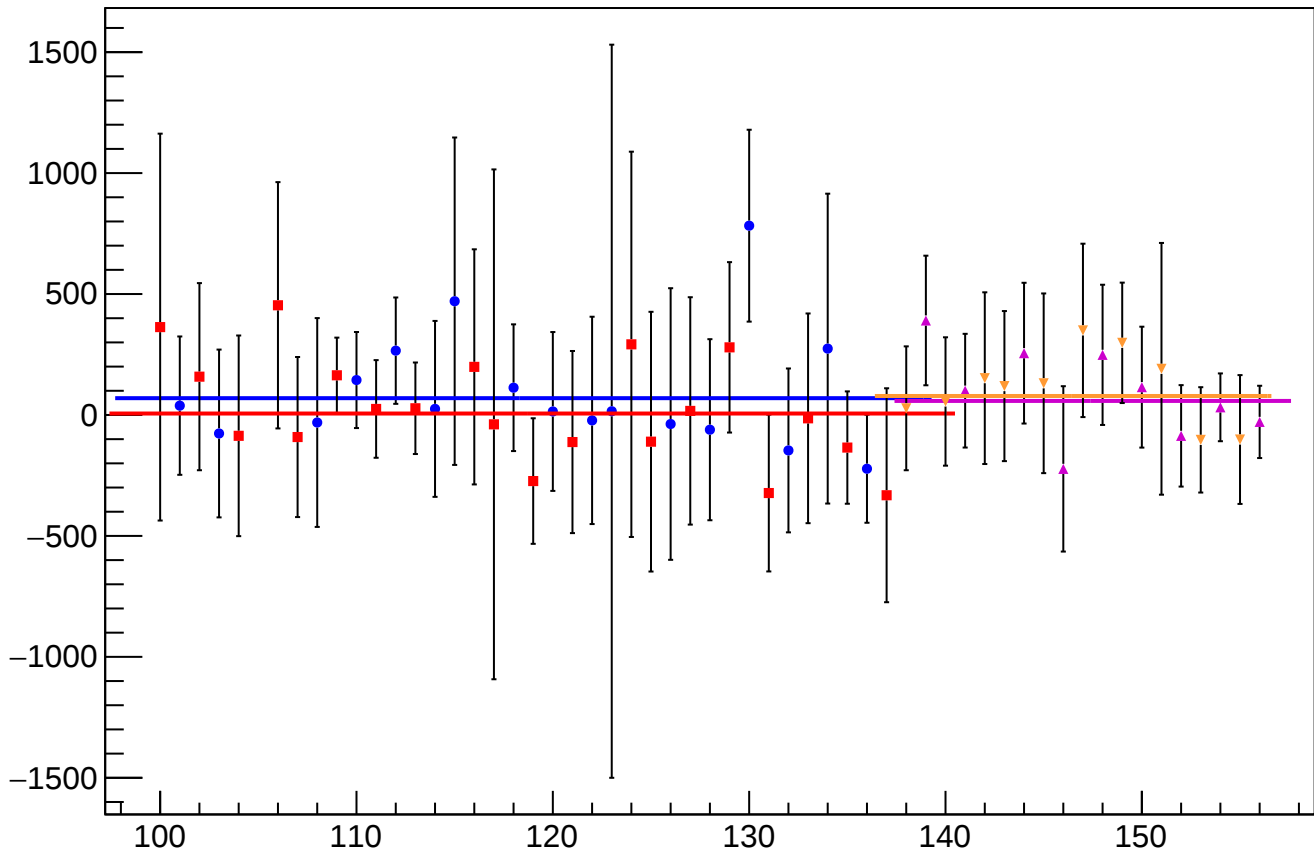
Left In: 11.463+/-0.003 χ^2/NDF : 94557.0/8

11.304+/-0.002 χ^2/NDF : 192951.9/26

11.336+/-0.002 χ^2/NDF : 438420.5/55

11.366+/-0.002 χ^2/NDF : 245053.2/28

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: 78.501 $\pm$ 92.121 χ^2 /NDF: 2.7/9

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

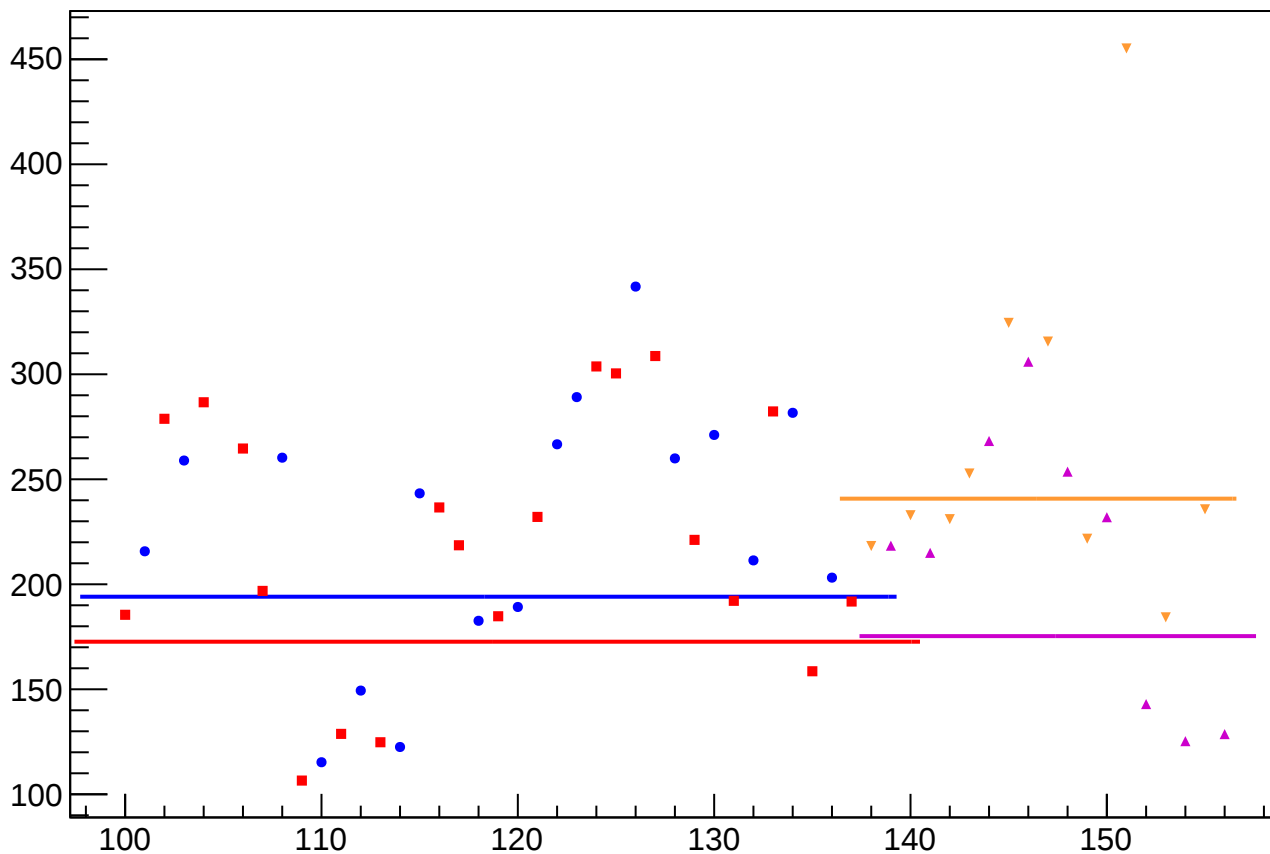
Left In: 58.048 $\pm$ 70.929 χ^2 /NDF: 4.0/8

73.310 $\pm$ 60.070 χ^2 /NDF: 9.9/26

48.656 $\pm$ 38.353 χ^2 /NDF: 21.0/55

31.689 $\pm$ 49.832 χ^2 /NDF: 10.8/28

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: 240.776 $\pm$ 0.065 χ^2 /NDF: 697116.0/9

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

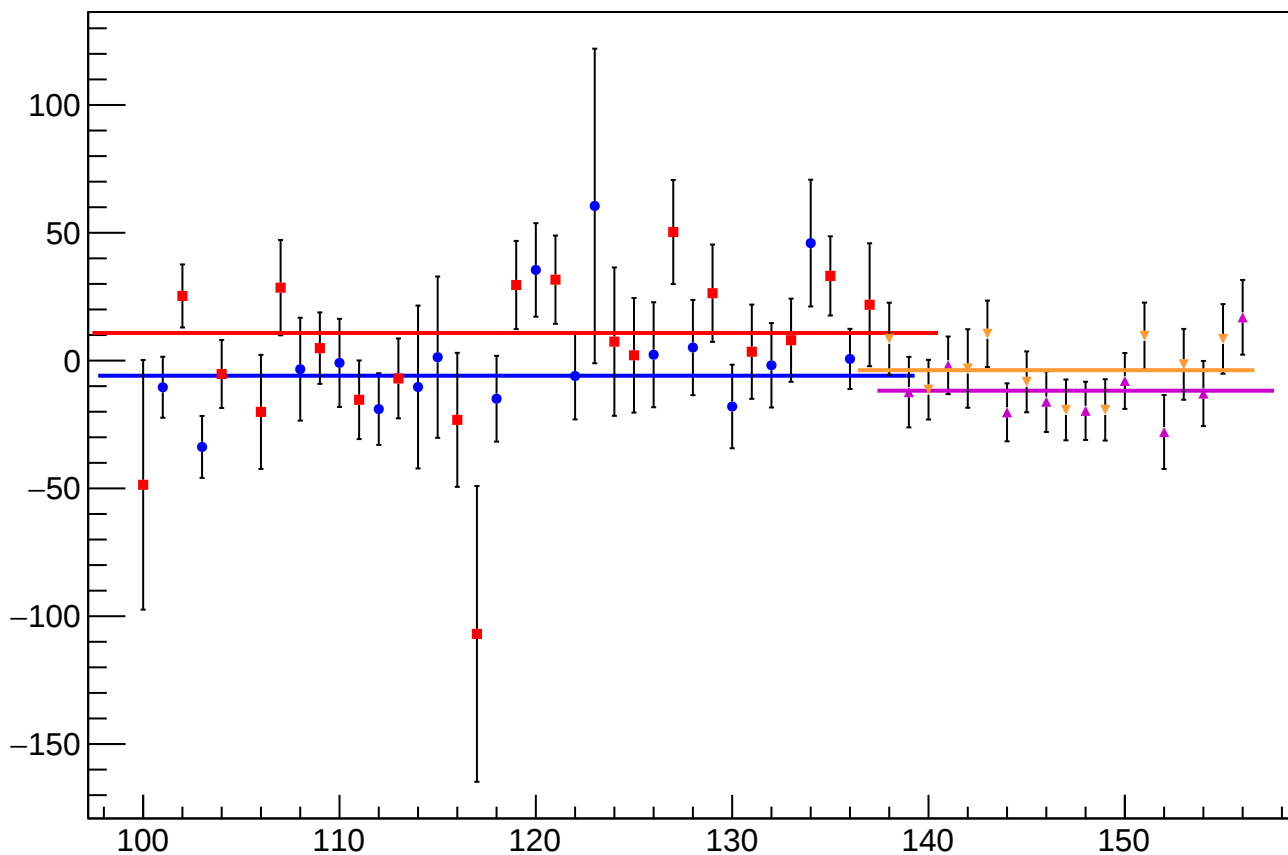
Left In: 175.316 $\pm$ 0.050 χ^2 /NDF: 1350982.1/8

213.936 $\pm$ 0.042 χ^2 /NDF: 1997881.6/26

190.262 $\pm$ 0.027 χ^2 /NDF: 5448024.4/55

173.969 $\pm$ 0.035 χ^2 /NDF: 2925684.3/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: -3.744 ± 4.079 χ^2/NDF : 7.8/9

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

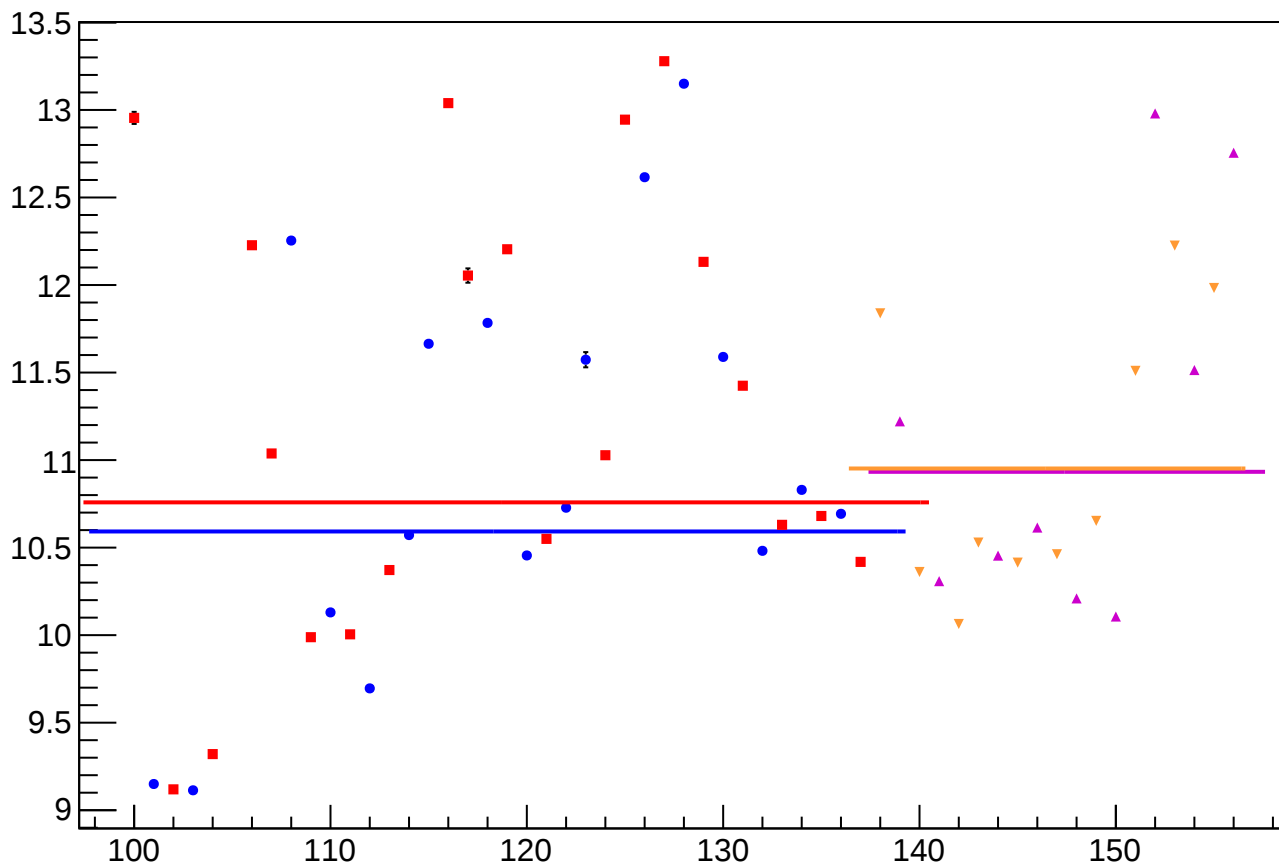
Left In: -11.773 ± 4.091 χ^2/NDF : 7.2/8

-4.814 ± 2.903 χ^2/NDF : 26.8/26

-2.603 ± 2.046 χ^2/NDF : 77.5/55

-0.421 ± 2.885 χ^2/NDF : 49.5/28

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: 10.952 $\pm$ 0.003 χ^2 /NDF: 62572.0/9

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

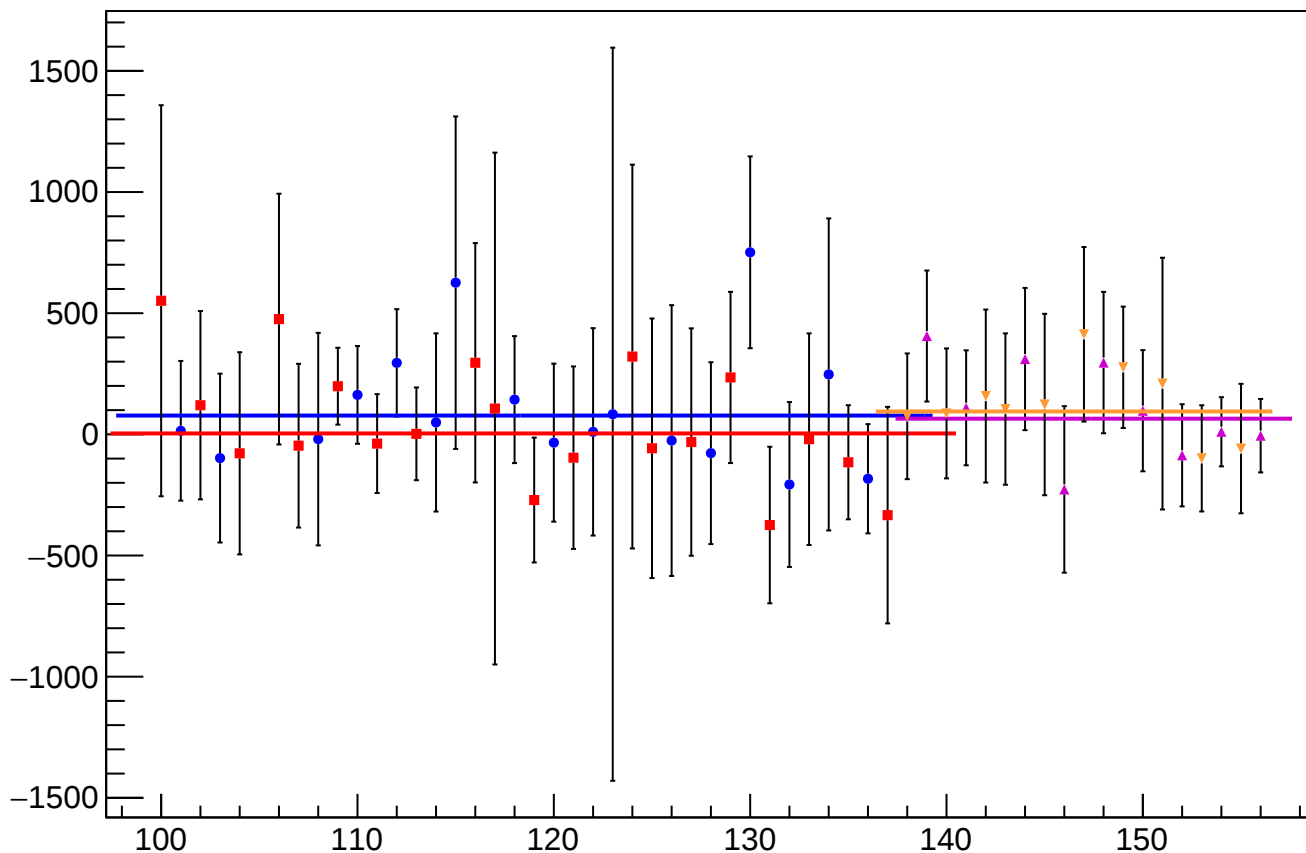
Left In: 10.933 $\pm$ 0.003 χ^2 /NDF: 106907.6/8

10.774 $\pm$ 0.002 χ^2 /NDF: 230643.5/26

10.810 $\pm$ 0.001 χ^2 /NDF: 517882.5/55

10.845 $\pm$ 0.002 χ^2 /NDF: 286641.0/28

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: 94.527 $\pm$ 92.768 χ^2 /NDF: 2.5/9

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

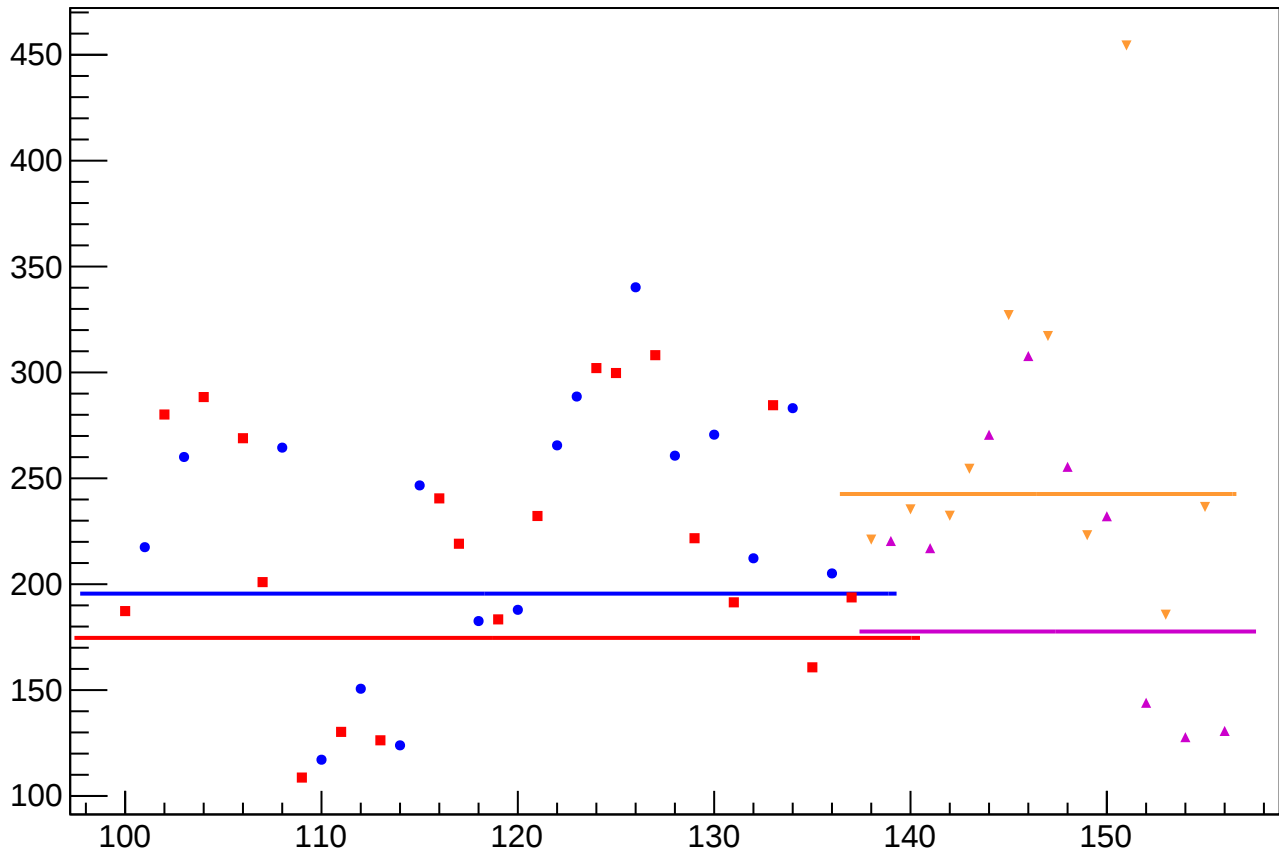
Left In: 64.636 $\pm$ 71.729 χ^2 /NDF: 4.6/8

84.787 $\pm$ 60.475 χ^2 /NDF: 10.1/26

54.651 $\pm$ 38.695 χ^2 /NDF: 22.8/55

33.761 $\pm$ 50.351 χ^2 /NDF: 12.3/28

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 242.600 +/- 0.066 χ^2/NDF : 688503.9/9

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

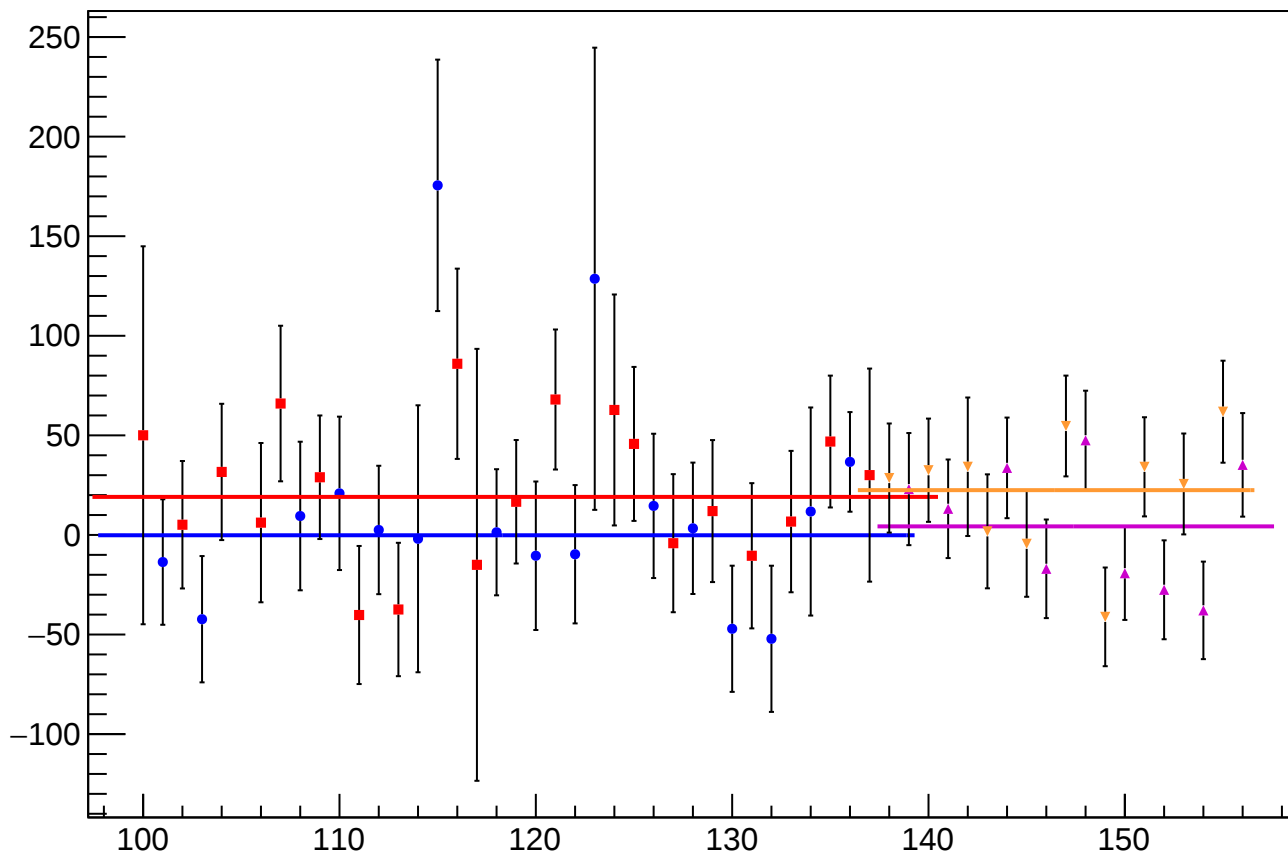
Left In: 177.659 +/- 0.051 χ^2/NDF : 1315835.8/8

215.546 +/- 0.043 χ^2/NDF : 1964261.4/26

192.268 +/- 0.027 χ^2/NDF : 5315776.5/55

176.132 +/- 0.036 χ^2/NDF : 2849811.2/28

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: 22.491 ± 8.401 χ^2/NDF : 12.7/9

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

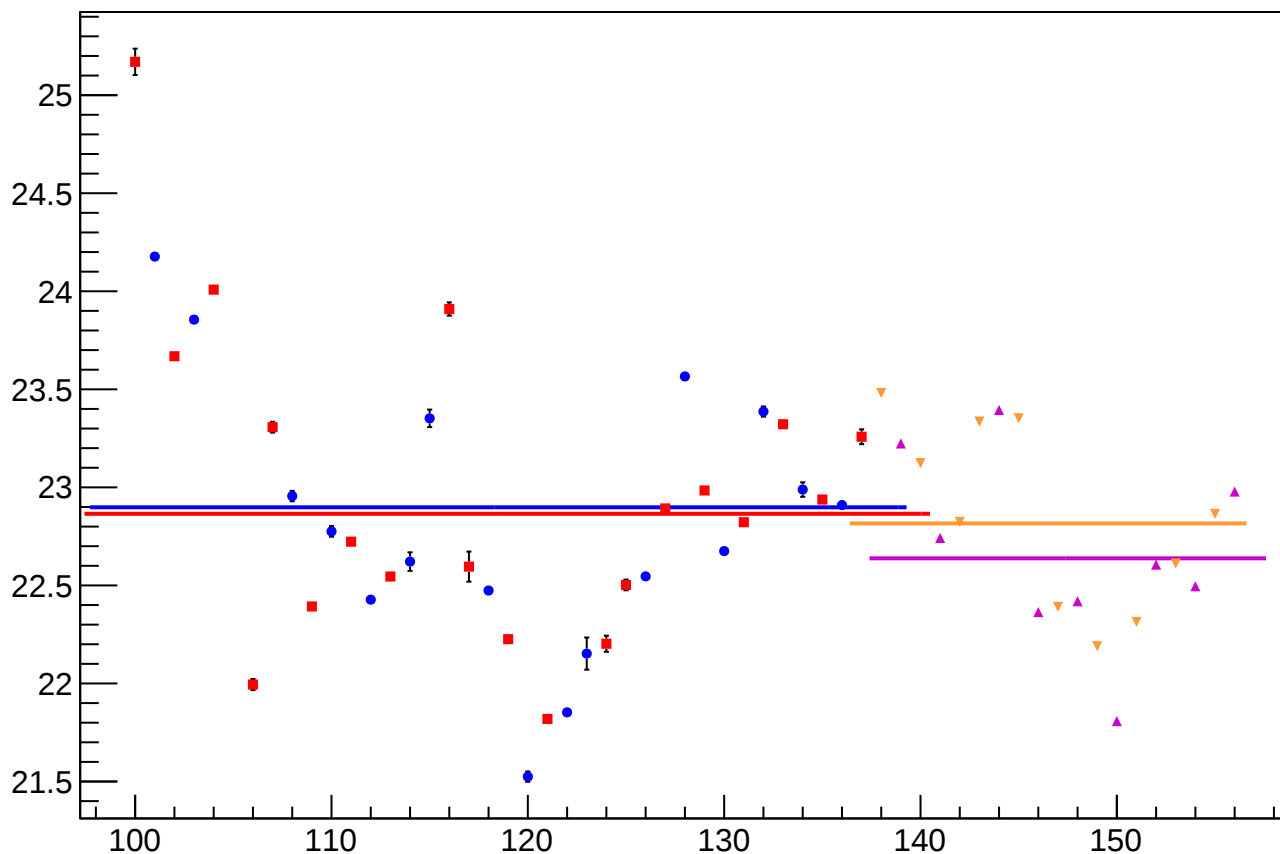
Left In: 4.301 ± 8.364 χ^2/NDF : 12.7/8

11.725 ± 6.085 χ^2/NDF : 34.2/26

11.641 ± 4.262 χ^2/NDF : 63.3/55

11.560 ± 5.971 χ^2/NDF : 29.2/28

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.898 $\pm$ 0.006 χ^2 /NDF: 12143.3/16

Left Out: 22.816 $\pm$ 0.006 χ^2 /NDF: 5726.2/9

Right Out: 22.865 $\pm$ 0.006 χ^2 /NDF: 11060.8/19

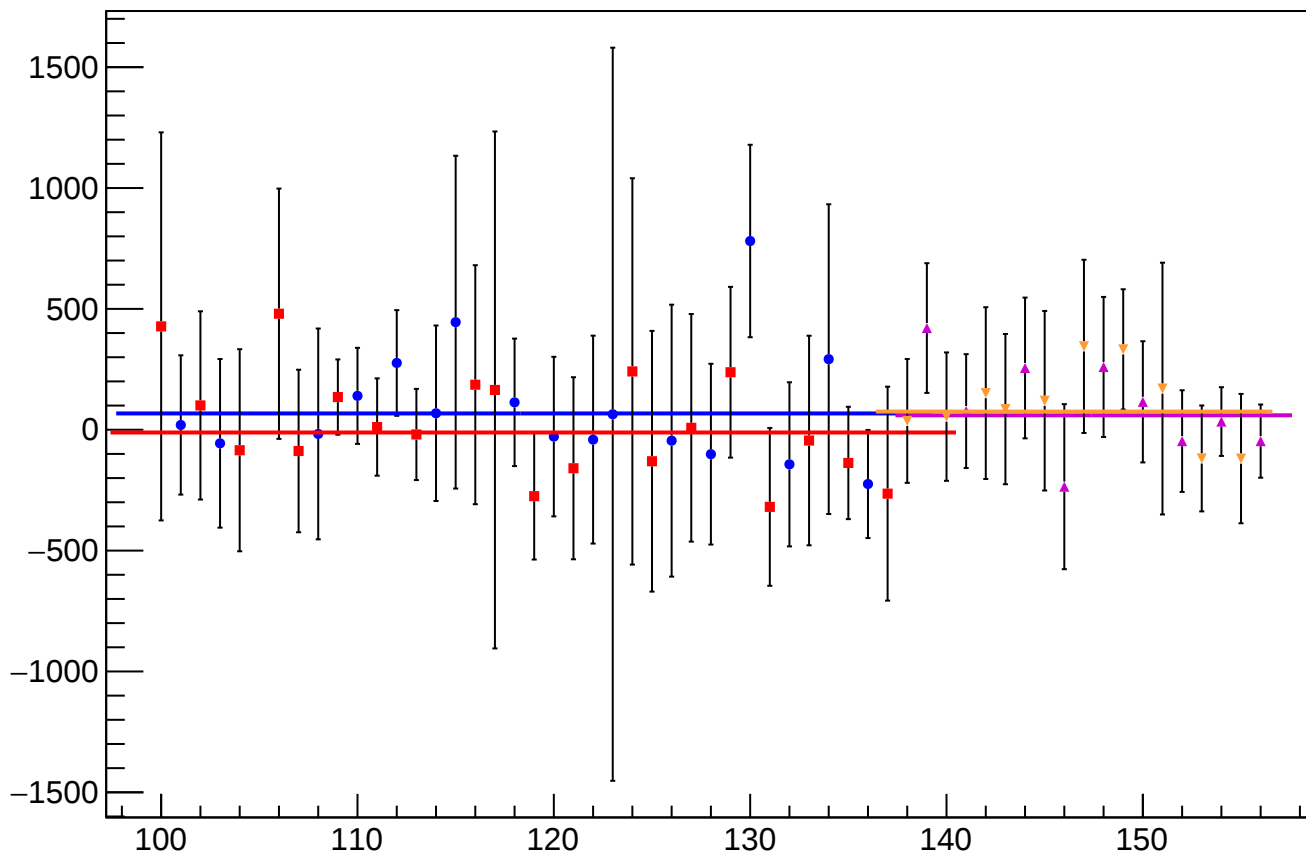
Left In: 22.638 $\pm$ 0.006 χ^2 /NDF: 6014.3/8

22.855 $\pm$ 0.004 χ^2 /NDF: 17960.3/26

22.801 $\pm$ 0.003 χ^2 /NDF: 36066.6/55

22.750 $\pm$ 0.004 χ^2 /NDF: 17798.7/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 67.449 $\pm$ 79.404 χ^2 /NDF: 7.4/16

Left Out: 75.218 $\pm$ 92.304 χ^2 /NDF: 3.1/9

Right Out: -11.355 $\pm$ 70.203 χ^2 /NDF: 5.8/19

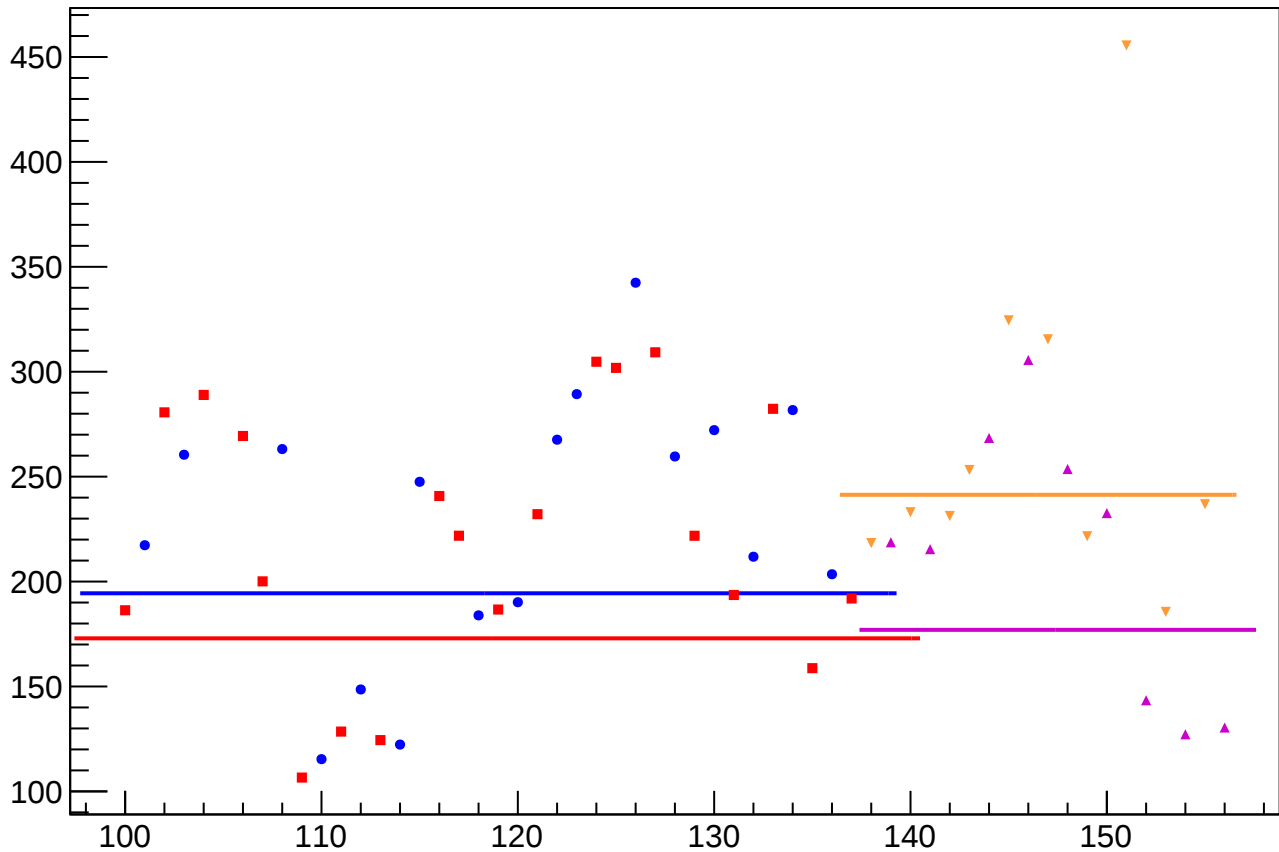
Left In: 59.838 $\pm$ 71.460 χ^2 /NDF: 4.3/8

70.753 $\pm$ 60.196 χ^2 /NDF: 10.5/26

42.893 $\pm$ 38.498 χ^2 /NDF: 21.4/55

23.610 $\pm$ 50.079 χ^2 /NDF: 10.6/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.411 $\pm$ 0.056 χ^2 /NDF: 1019913.2/16

Left Out: 241.349 $\pm$ 0.065 χ^2 /NDF:689435.5/9

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

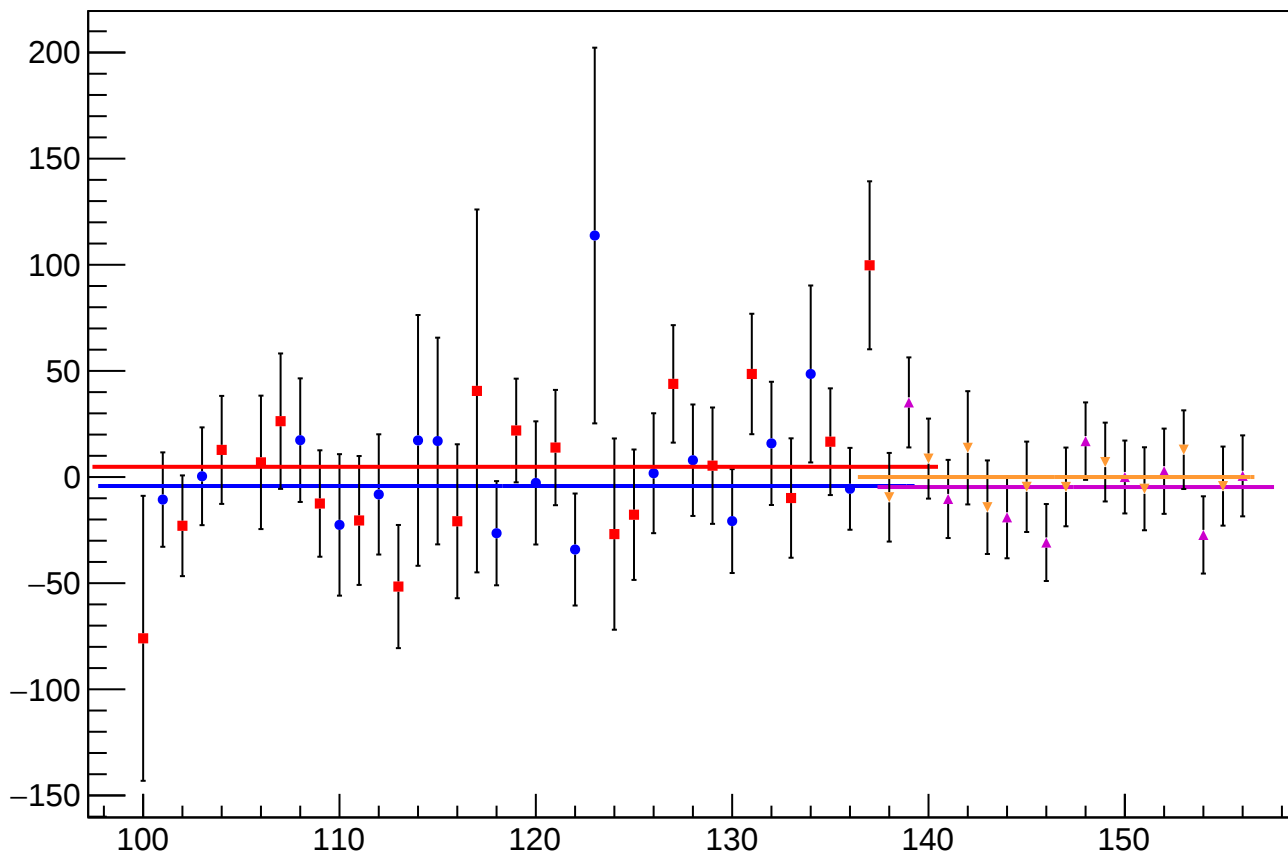
Left In: 176.990 $\pm$ 0.051 χ^2 /NDF:1306439.6/8

214.373 $\pm$ 0.043 χ^2 /NDF: 2006576.0/26

191.064 $\pm$ 0.027 χ^2 /NDF: 5424702.6/55

174.930 $\pm$ 0.035 χ^2 /NDF: 2910665.2/28

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: 0.013 ± 6.325 χ^2/NDF : 2.0/9

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

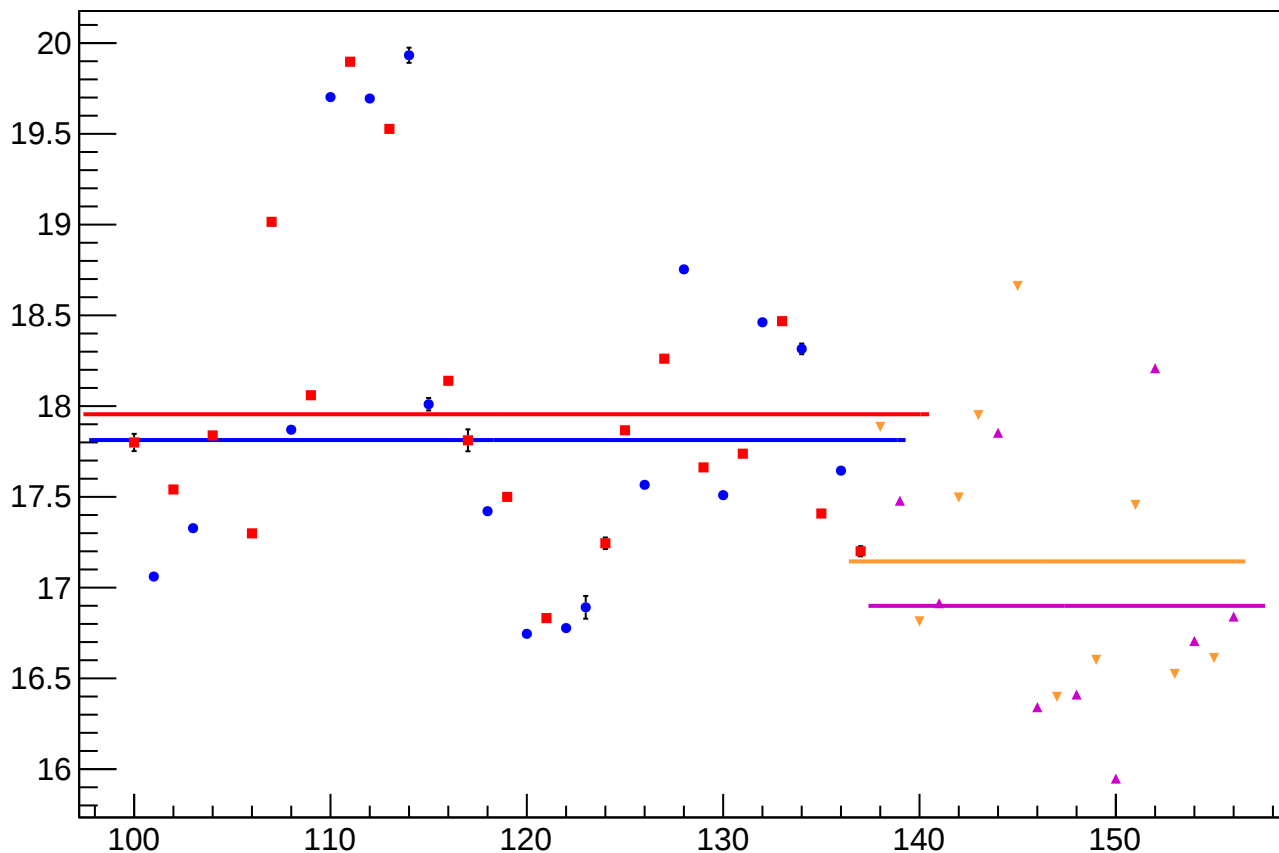
Left In: -4.705 ± 6.257 χ^2/NDF : 9.5/8

-1.930 ± 4.654 χ^2/NDF : 10.2/26

-1.086 ± 3.262 χ^2/NDF : 42.1/55

-0.271 ± 4.574 χ^2/NDF : 31.8/28

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: 17.144 $\pm$ 0.004 χ^2/NDF : 25636.9/9

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

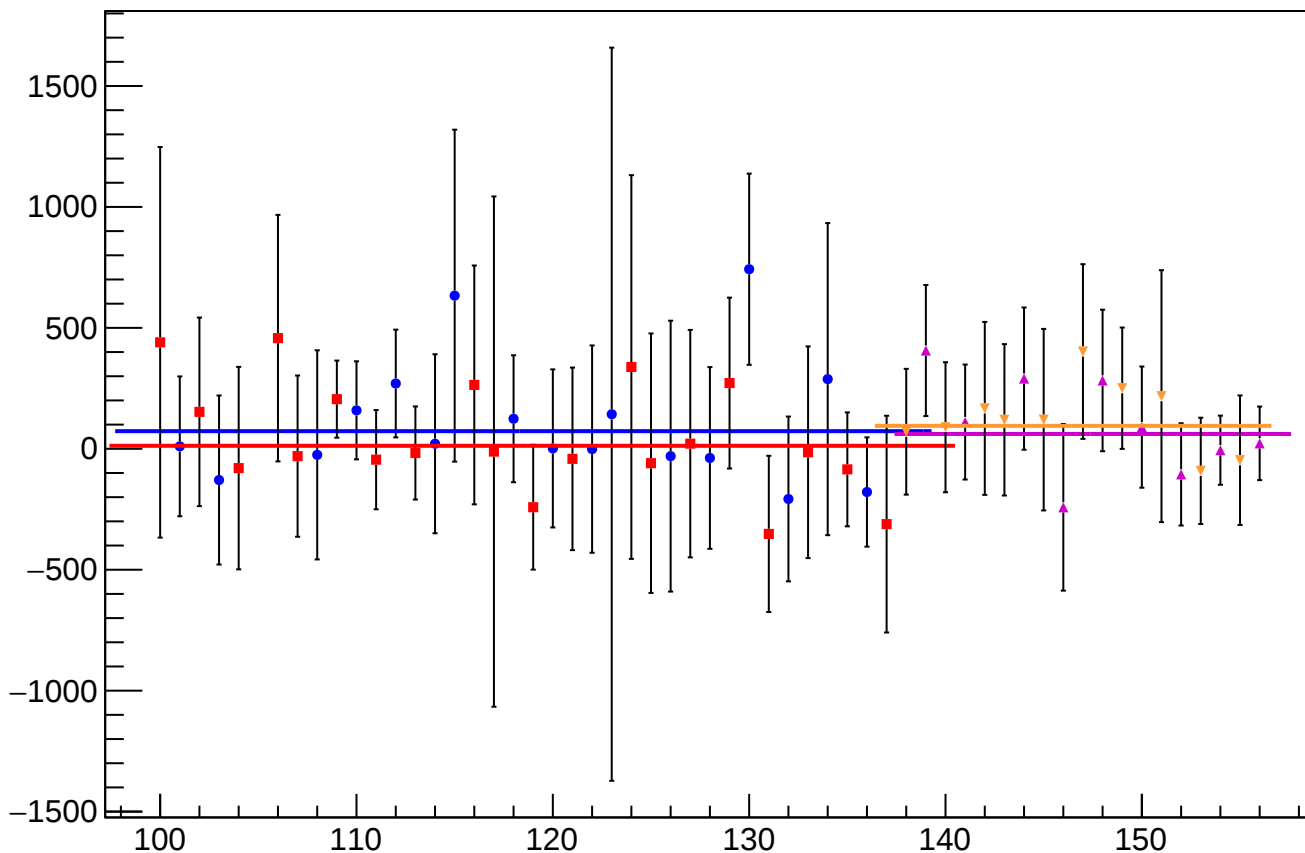
Left In: 16.900 $\pm$ 0.004 χ^2/NDF : 24600.3/8

17.451 $\pm$ 0.003 χ^2/NDF : 67918.3/26

17.420 $\pm$ 0.002 χ^2/NDF : 144634.6/55

17.391 $\pm$ 0.003 χ^2/NDF : 76546.2/28

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: 94.968 $\pm$ 92.982 χ^2 /NDF: 2.2/9

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

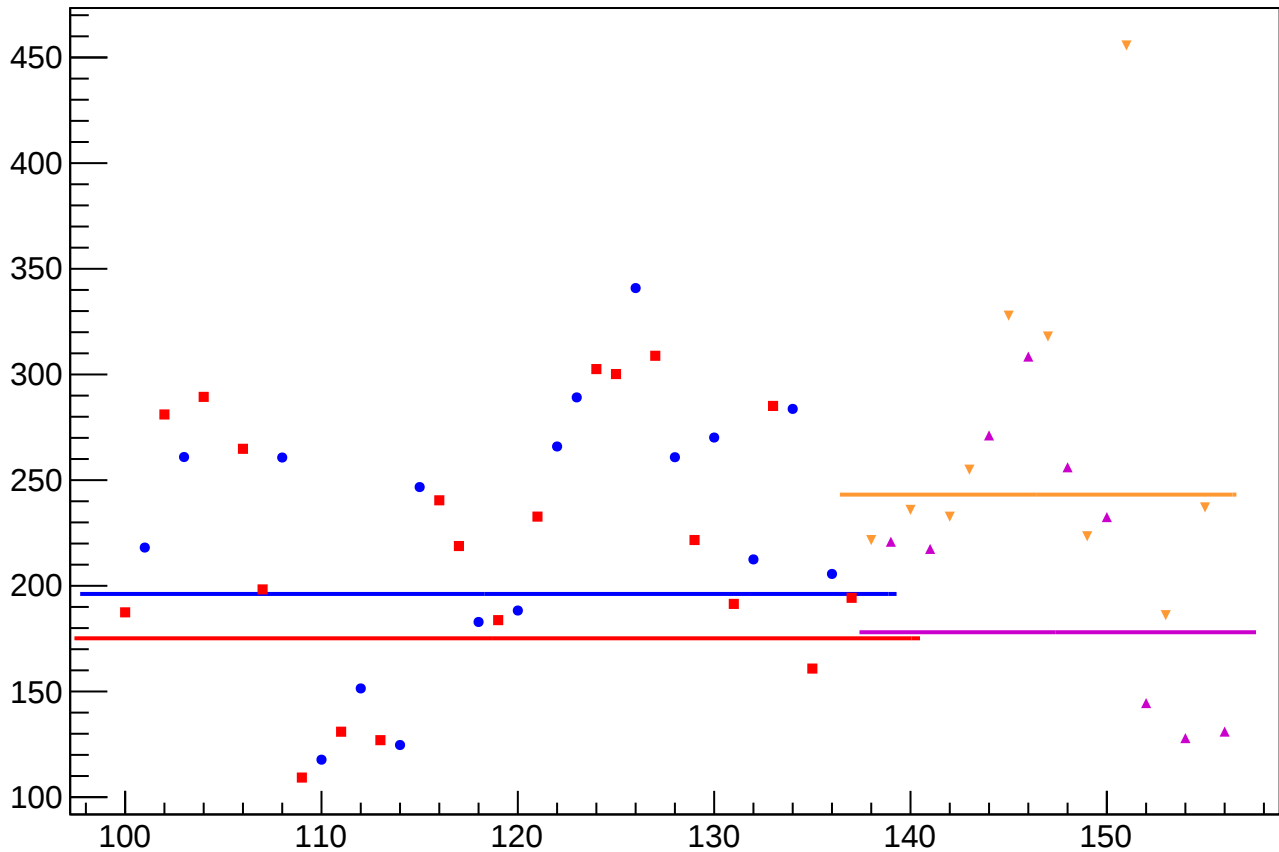
Left In: 61.318 $\pm$ 71.883 χ^2 /NDF: 4.5/8

82.273 $\pm$ 60.621 χ^2 /NDF: 9.5/26

55.255 $\pm$ 38.783 χ^2 /NDF: 21.3/55

36.534 $\pm$ 50.461 χ^2 /NDF: 11.5/28

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 243.159+/-0.066 χ^2/NDF : 688551.3/9

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

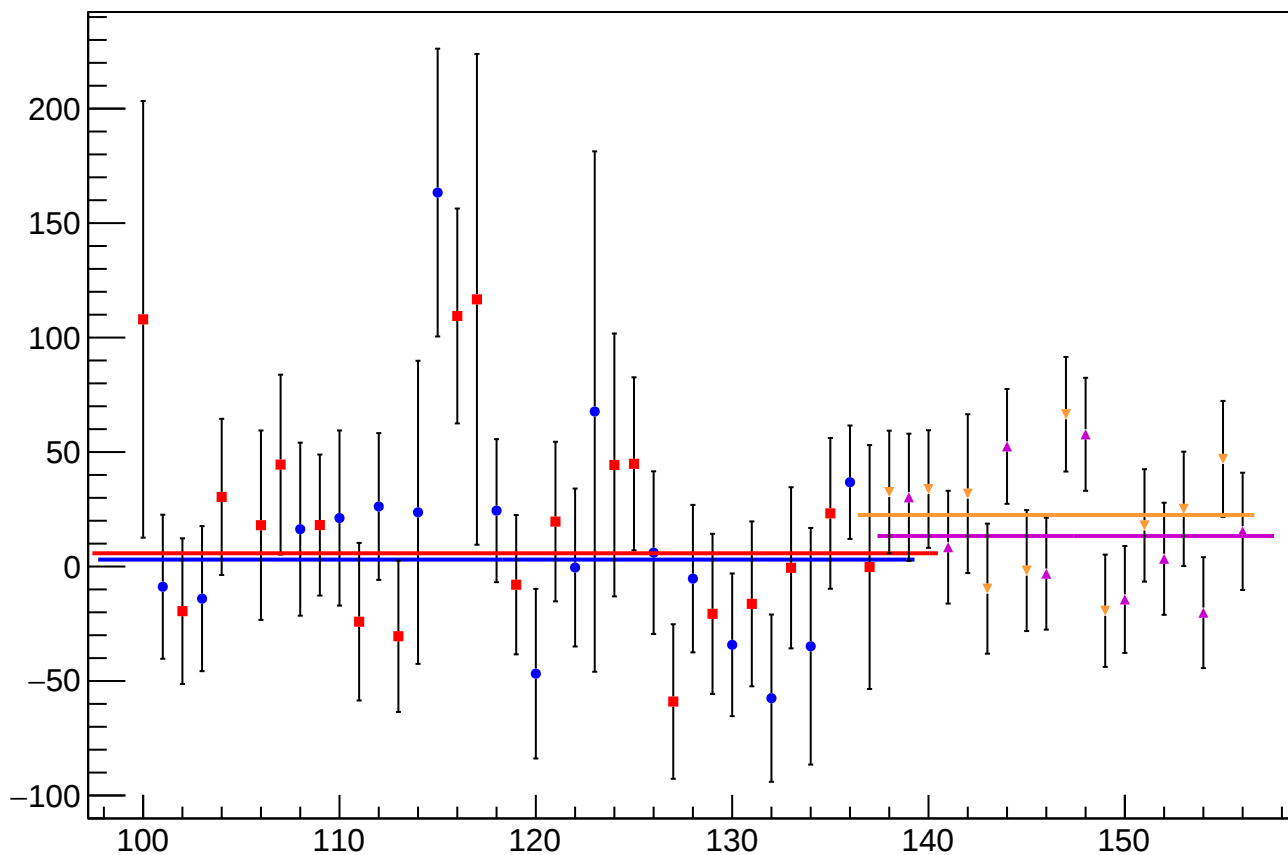
Left In: 178.033+/-0.051 χ^2/NDF : 1316505.3/8

216.132+/-0.043 χ^2/NDF : 1947450.7/26

192.767+/-0.027 χ^2/NDF : 5282962.7/55

176.577+/-0.036 χ^2/NDF : 2832521.0/28

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.022 $\pm$ 8.751 χ^2 /NDF: 17.2/16

Left Out: 22.493 $\pm$ 8.306 χ^2 /NDF: 9.5/9

Right Out: 5.786 $\pm$ 8.451 χ^2 /NDF: 18.3/19

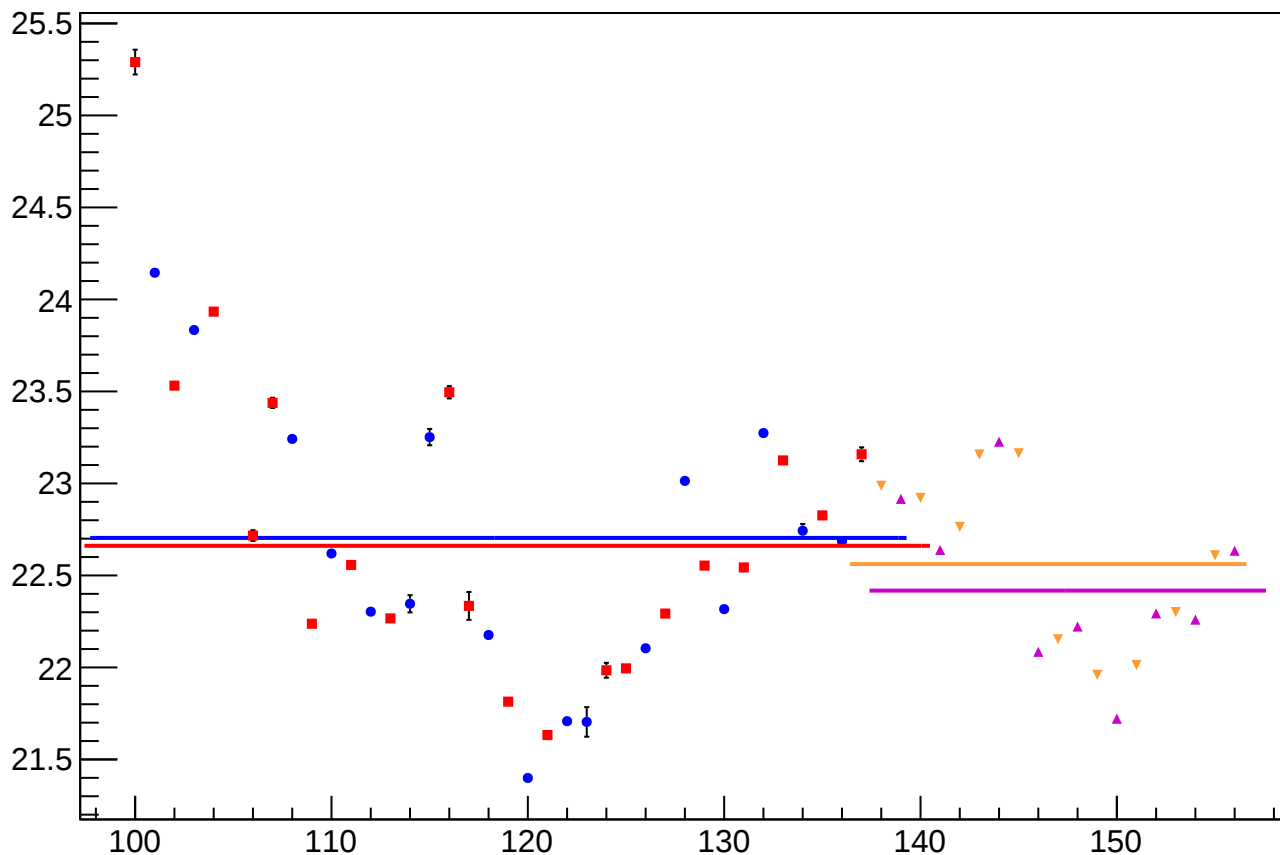
Left In: 13.343 $\pm$ 8.282 χ^2 /NDF: 10.0/8

13.265 $\pm$ 6.025 χ^2 /NDF: 29.3/26

11.420 $\pm$ 4.221 χ^2 /NDF: 58.2/55

9.641 $\pm$ 5.915 χ^2 /NDF: 28.7/28

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: 22.562+/-0.006 χ^2/NDF : 5844.1/9

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

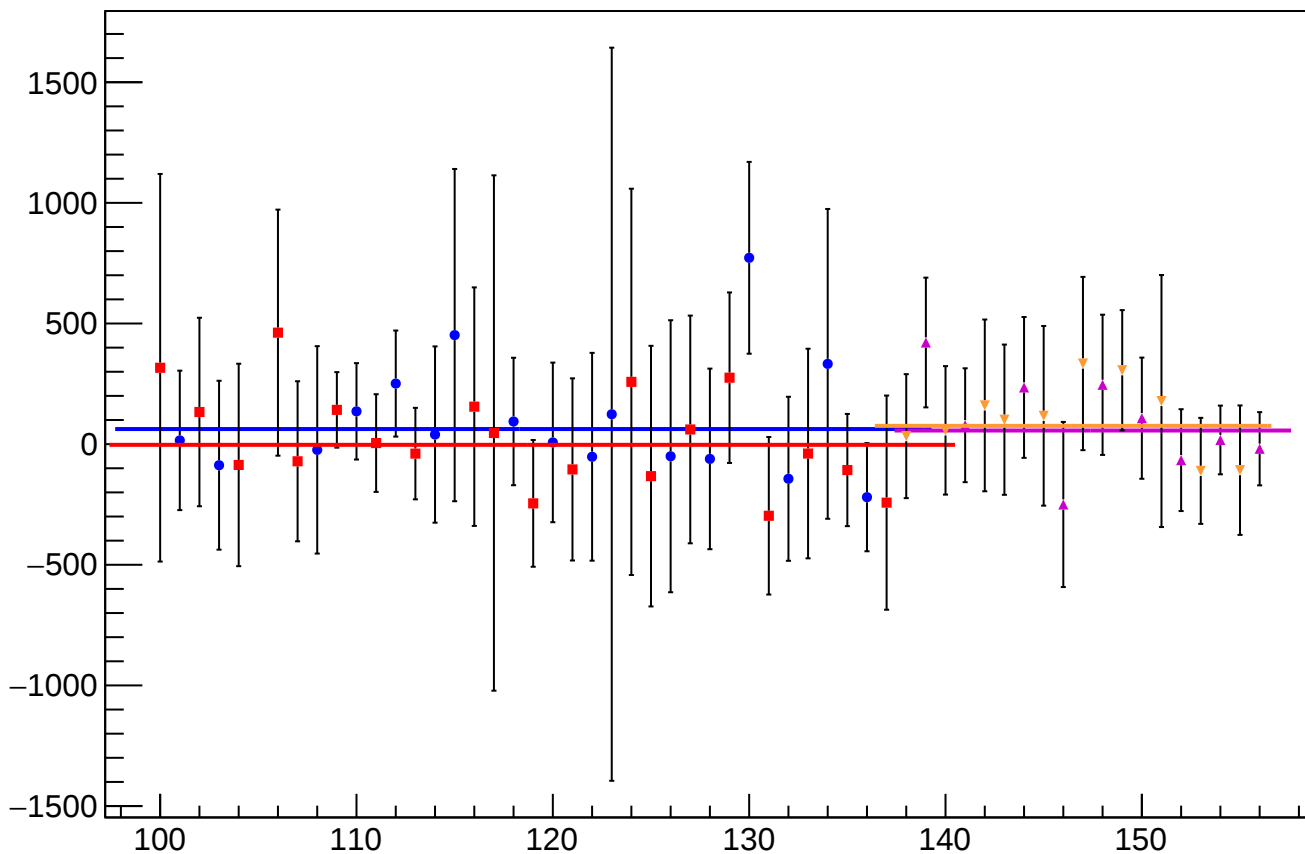
Left In: 22.418+/-0.006 χ^2/NDF : 5440.2/8

22.629+/-0.004 χ^2/NDF : 20227.6/26

22.582+/-0.003 χ^2/NDF : 39716.0/55

22.537+/-0.004 χ^2/NDF : 19249.8/28

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: 75.781+/-92.517 χ^2/NDF : 2.7/9

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

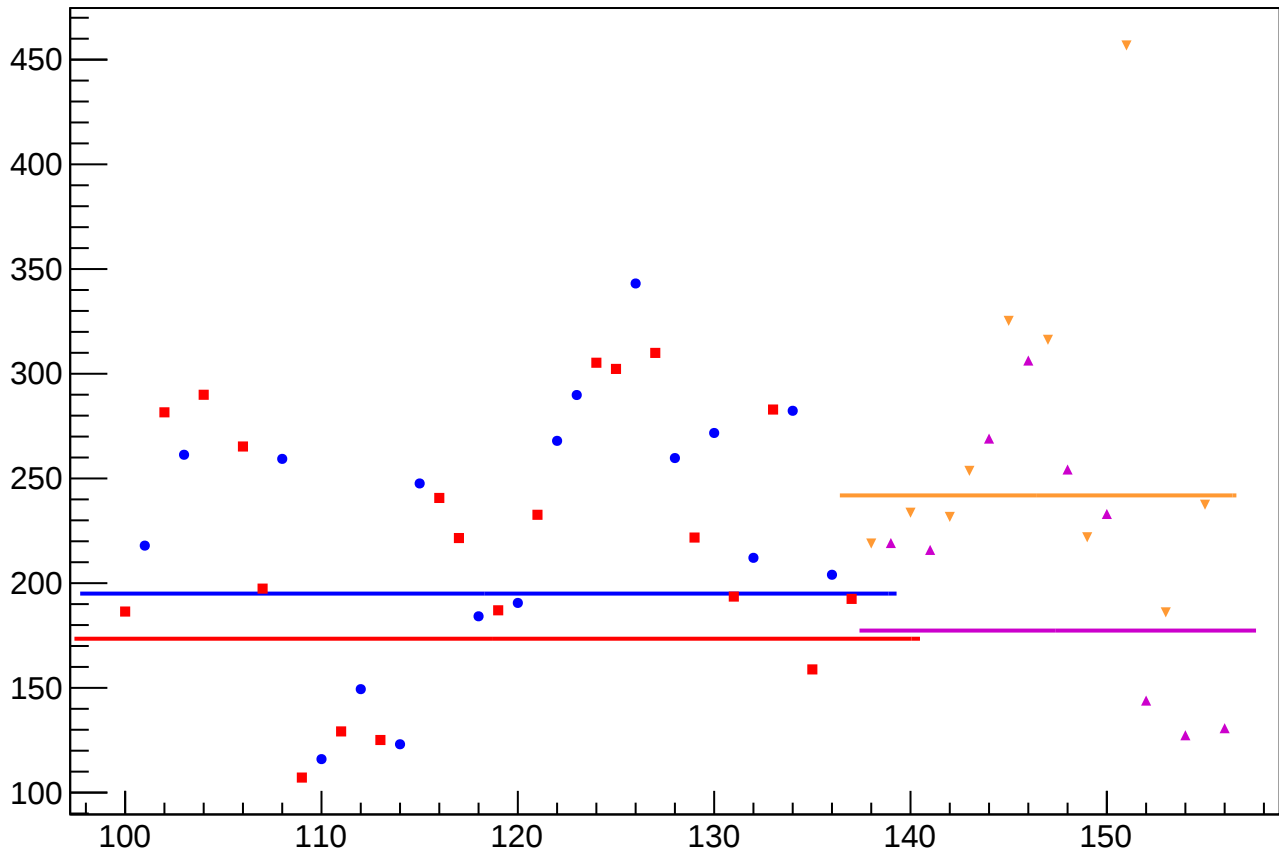
Left In: 56.492+/-71.613 χ^2/NDF : 4.2/8

68.192+/-60.342 χ^2/NDF : 9.7/26

43.438+/-38.587 χ^2/NDF : 19.8/55

26.312+/-50.191 χ^2/NDF : 9.7/28

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: 241.906 $\pm$ 0.065 χ^2 /NDF: 689528.6/9

Right Out: 173.471 $\pm$ 0.050 χ^2 /NDF: 1582273.4/19

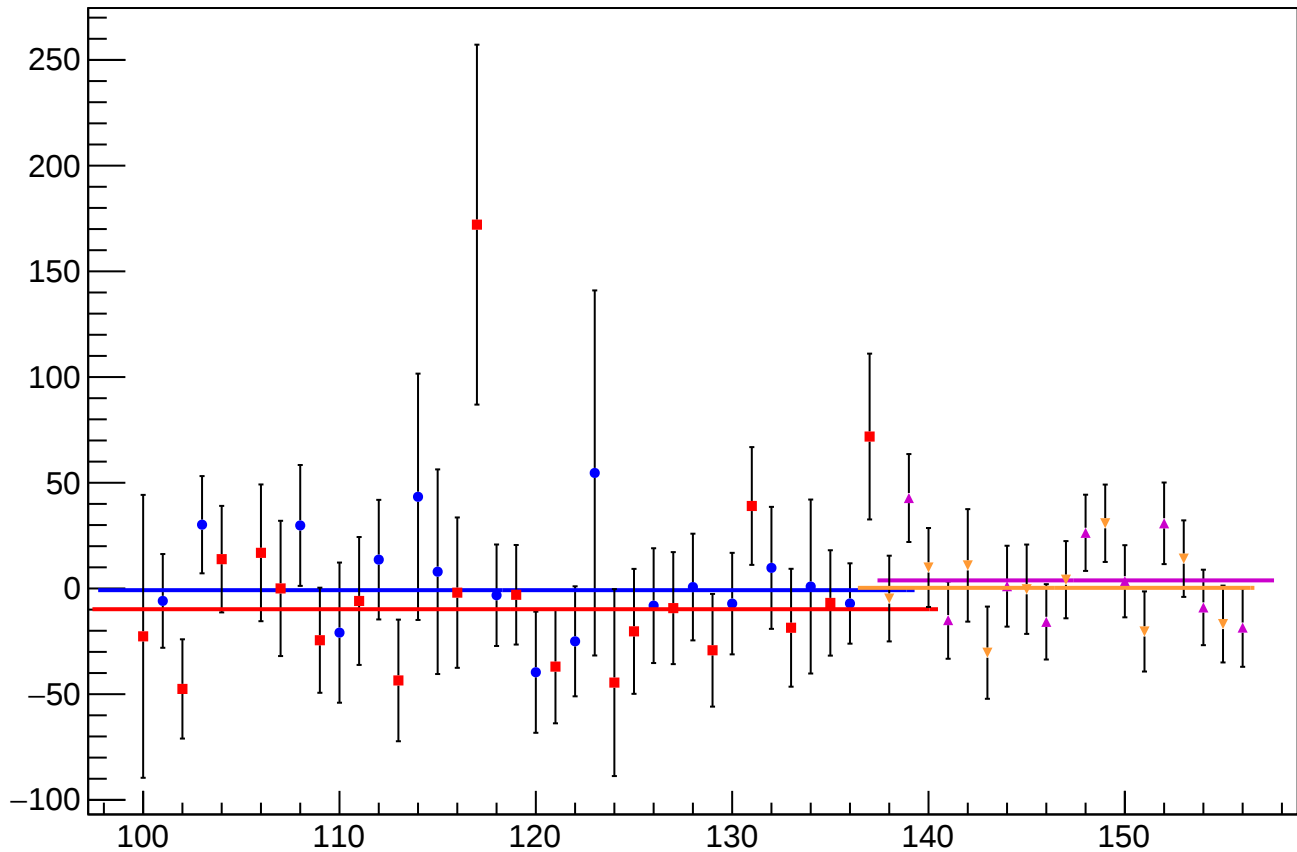
Left In: 177.364 $\pm$ 0.051 χ^2 /NDF: 1307182.7/8

214.966 $\pm$ 0.043 χ^2 /NDF: 1988931.6/26

191.570 $\pm$ 0.027 χ^2 /NDF: 5390067.8/55

175.384 $\pm$ 0.035 χ^2 /NDF: 2892463.5/28

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: 0.296 ± 6.213 χ^2/NDF : 8.0/9

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

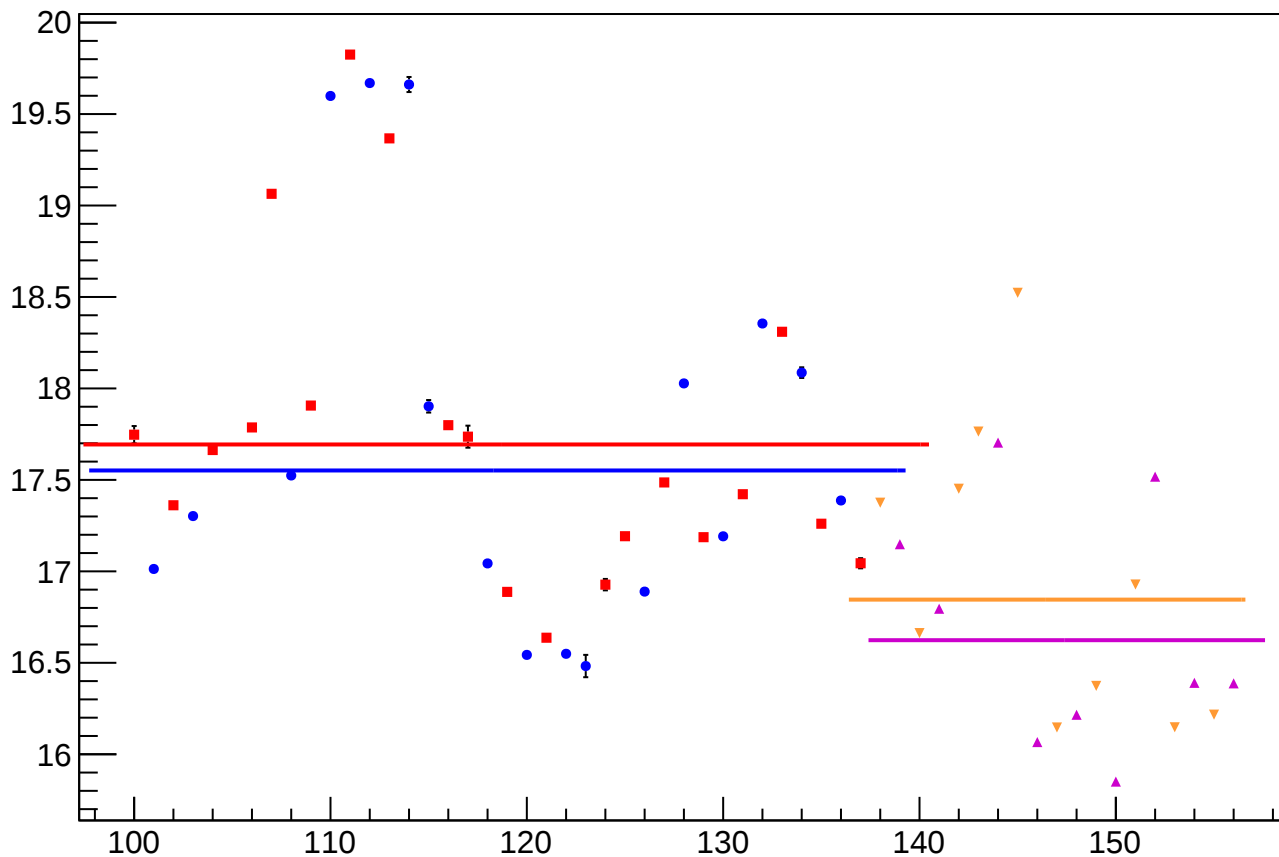
Left In: 3.824 ± 6.151 χ^2/NDF : 11.3/8

-0.206 ± 4.578 χ^2/NDF : 15.7/26

-1.376 ± 3.210 χ^2/NDF : 49.9/55

-2.507 ± 4.502 χ^2/NDF : 34.1/28

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 16.845+/-0.004 χ^2/NDF : 28413.3/9

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

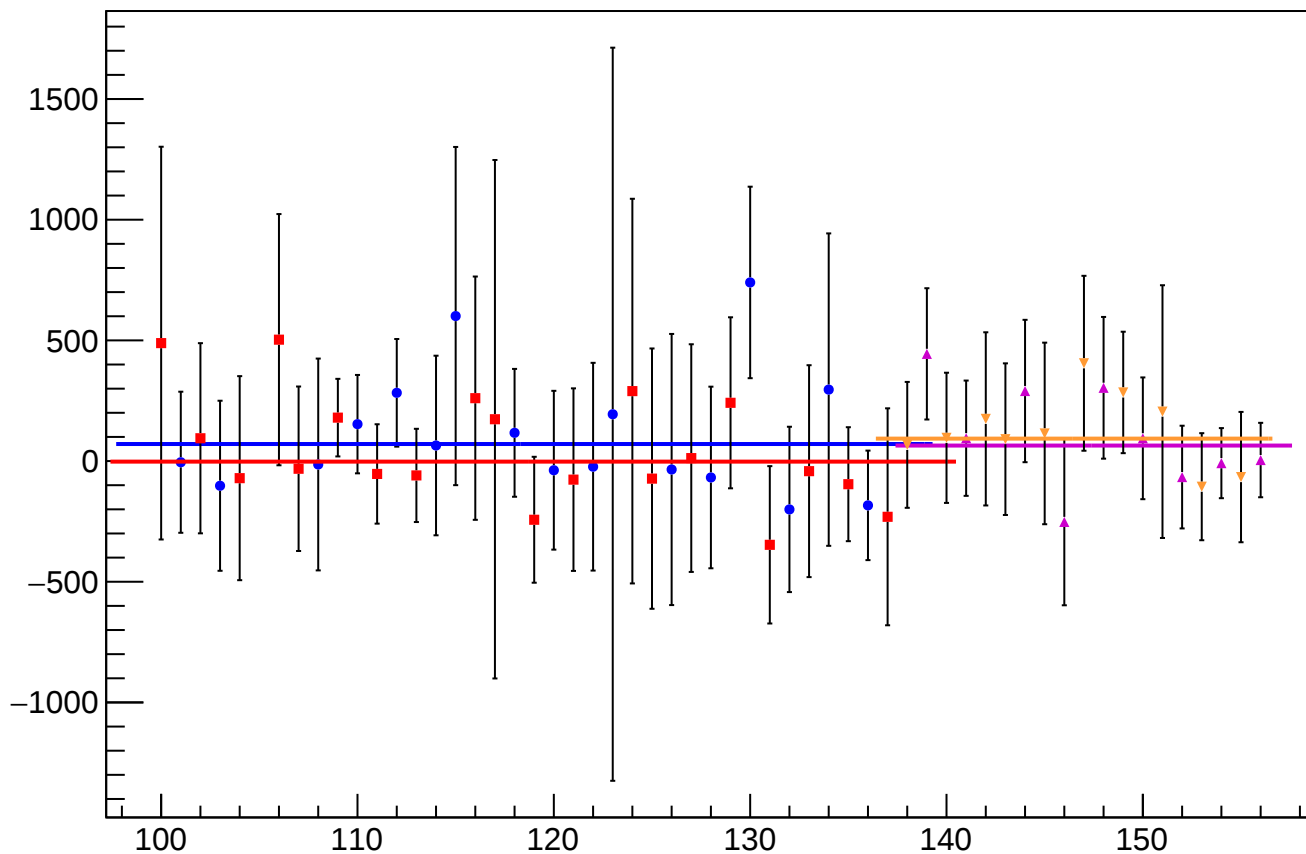
Left In: 16.624+/-0.004 χ^2/NDF : 19866.5/8

17.168+/-0.003 χ^2/NDF : 74248.9/26

17.144+/-0.002 χ^2/NDF : 153069.2/55

17.121+/-0.003 χ^2/NDF : 78709.8/28

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: 93.020+/-93.439 χ^2/NDF : 2.6/9

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

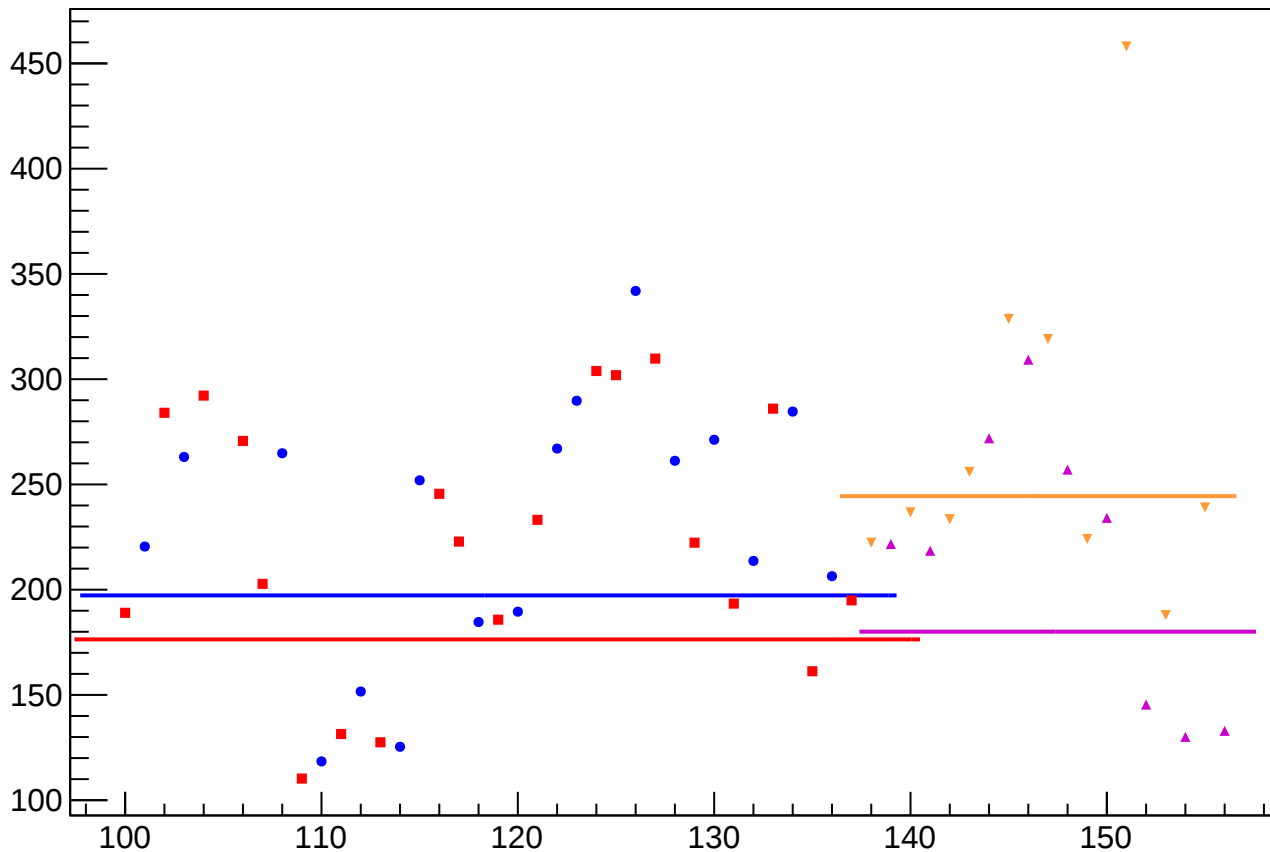
Left In: 64.259+/-72.580 χ^2/NDF : 4.9/8

80.159+/-60.948 χ^2/NDF : 9.8/26

50.847+/-39.059 χ^2/NDF : 21.7/55

30.418+/-50.881 χ^2/NDF : 11.5/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left Out: 244.431+/-0.066 χ^2/NDF : 682209.1/9

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

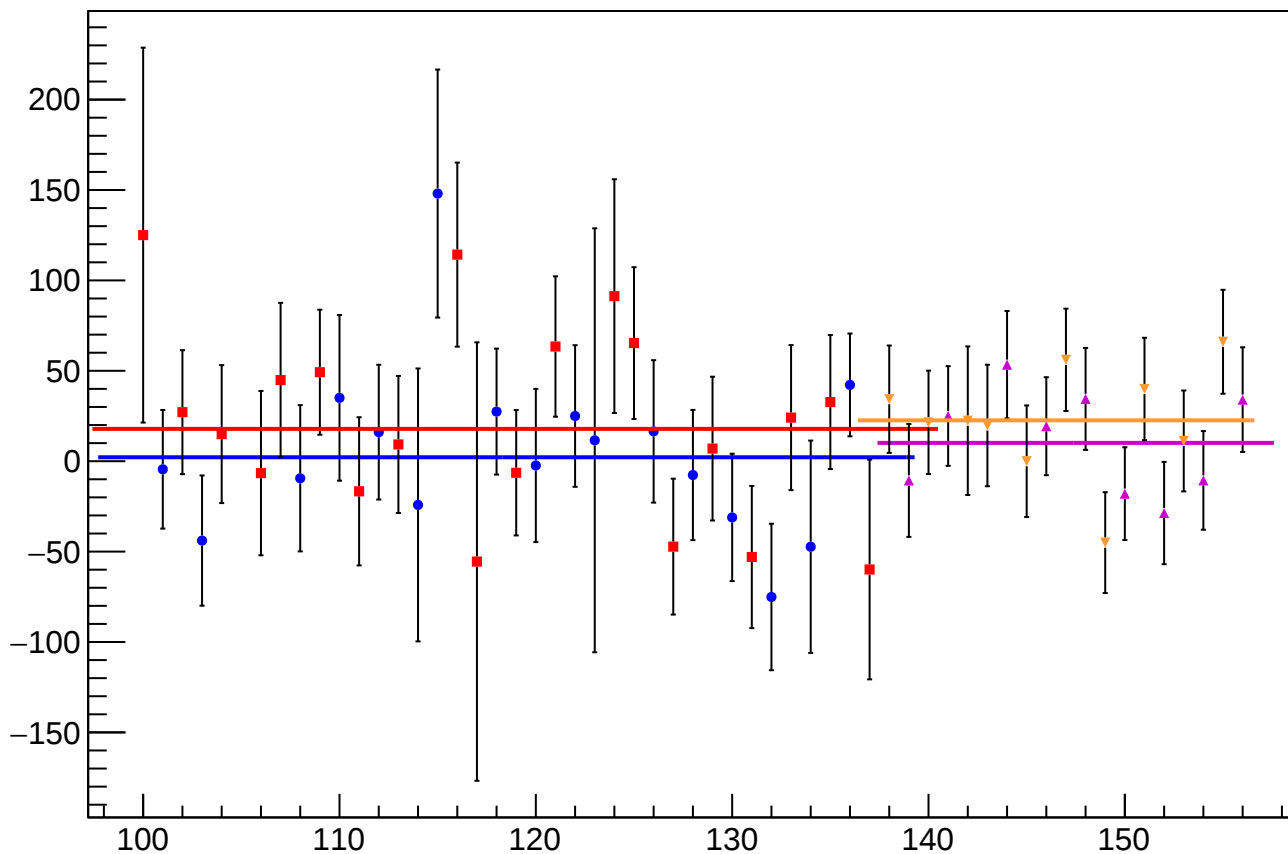
Left In: 180.064+/-0.051 χ^2/NDF : 1278726.6/8

217.336+/-0.043 χ^2/NDF : 1944462.0/26

194.270+/-0.028 χ^2/NDF : 5235375.1/55

178.194+/-0.036 χ^2/NDF : 2804805.6/28

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 22.599 ± 9.464 χ^2/NDF : 10.8/9

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

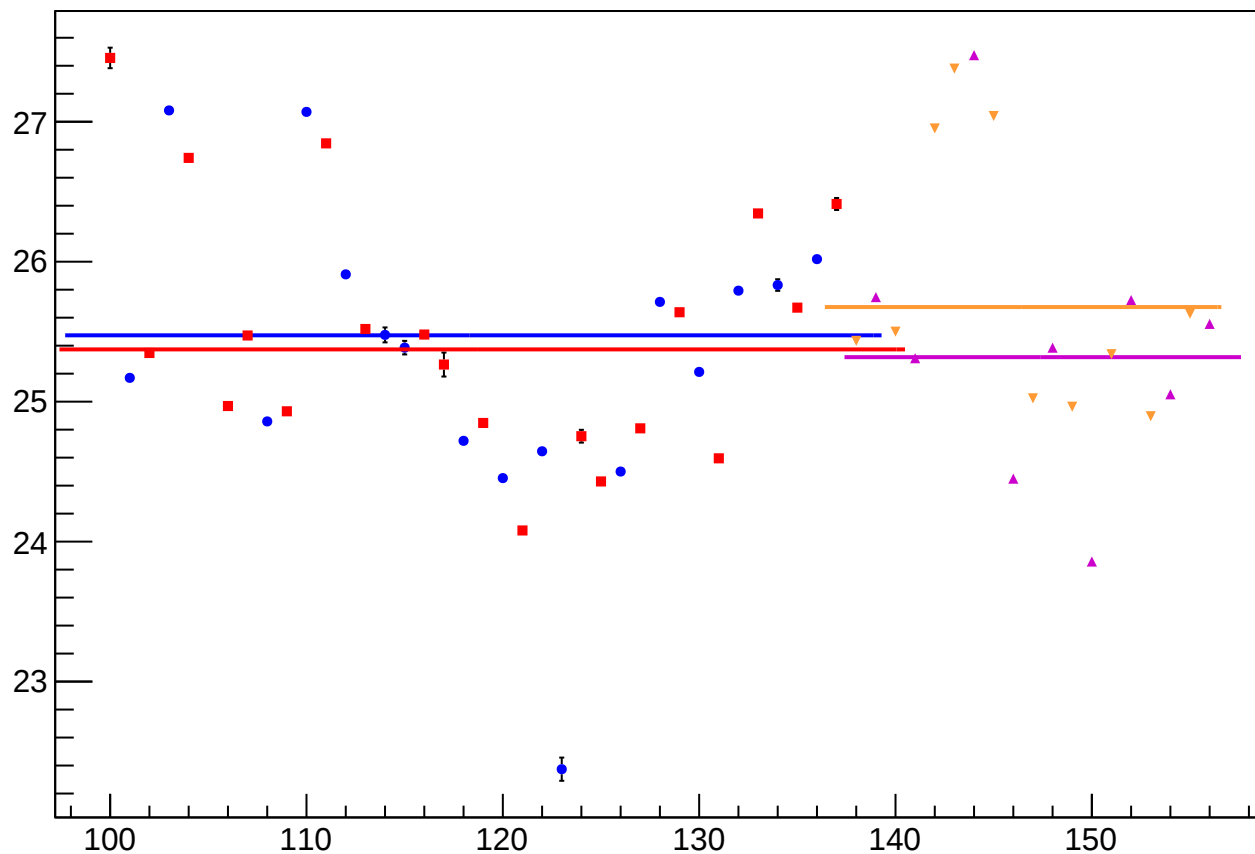
Left In: 10.138 ± 9.367 χ^2/NDF : 8.1/8

12.771 ± 6.816 χ^2/NDF : 28.4/26

13.380 ± 4.763 χ^2/NDF : 56.8/55

13.962 ± 6.659 χ^2/NDF : 28.3/28

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: 25.676 $\pm$ 0.007 χ^2 /NDF:15413.3/9

Right Out: 25.373 $\pm$ 0.007 χ^2 /NDF: 13582.8/19

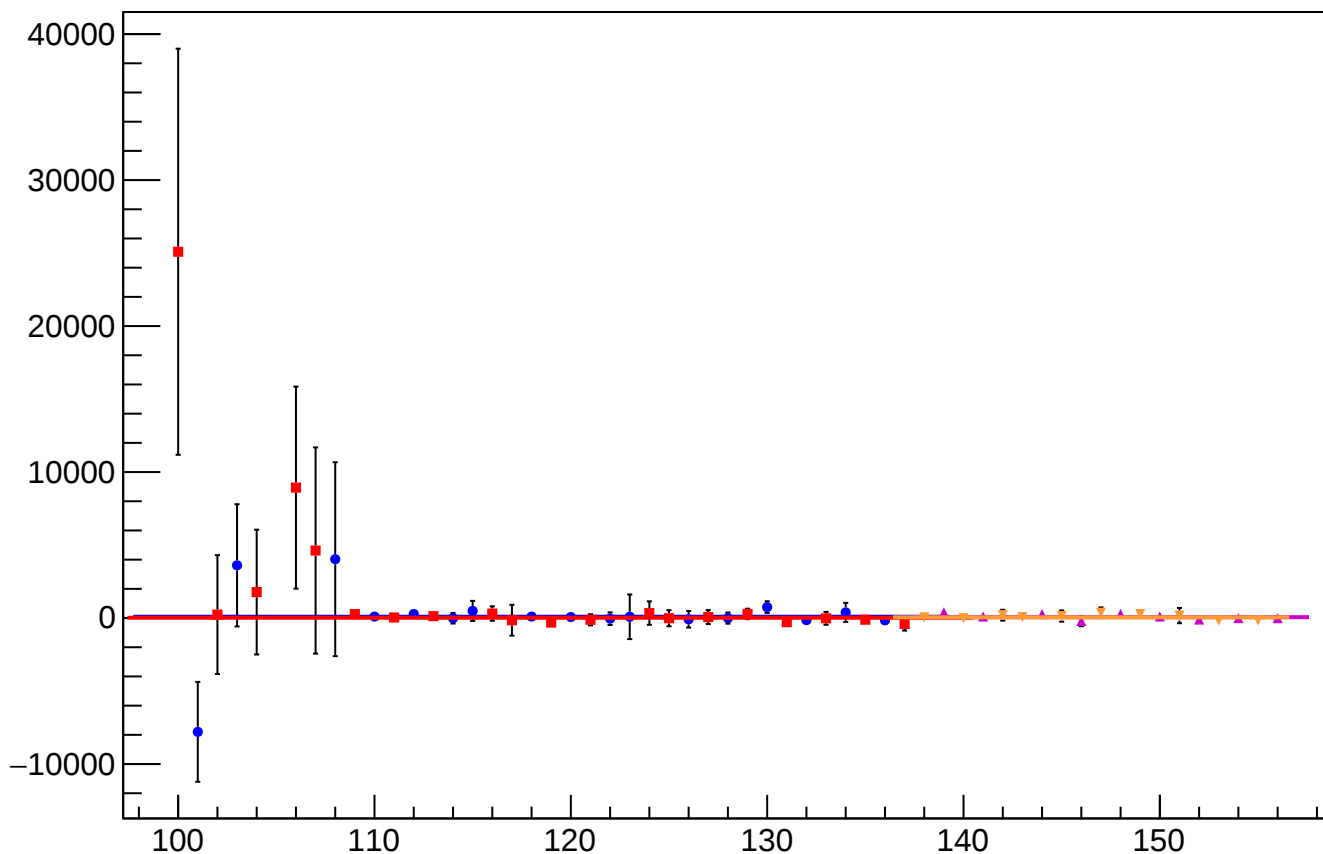
Left In: 25.318 $\pm$ 0.007 χ^2 /NDF:20210.9/8

25.579 $\pm$ 0.005 χ^2 /NDF: 29912.8/26

25.459 $\pm$ 0.003 χ^2 /NDF: 64940.7/55

25.345 $\pm$ 0.005 χ^2 /NDF: 33828.3/28

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: 49.555+/-95.132 χ^2/NDF : 3.3/9

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

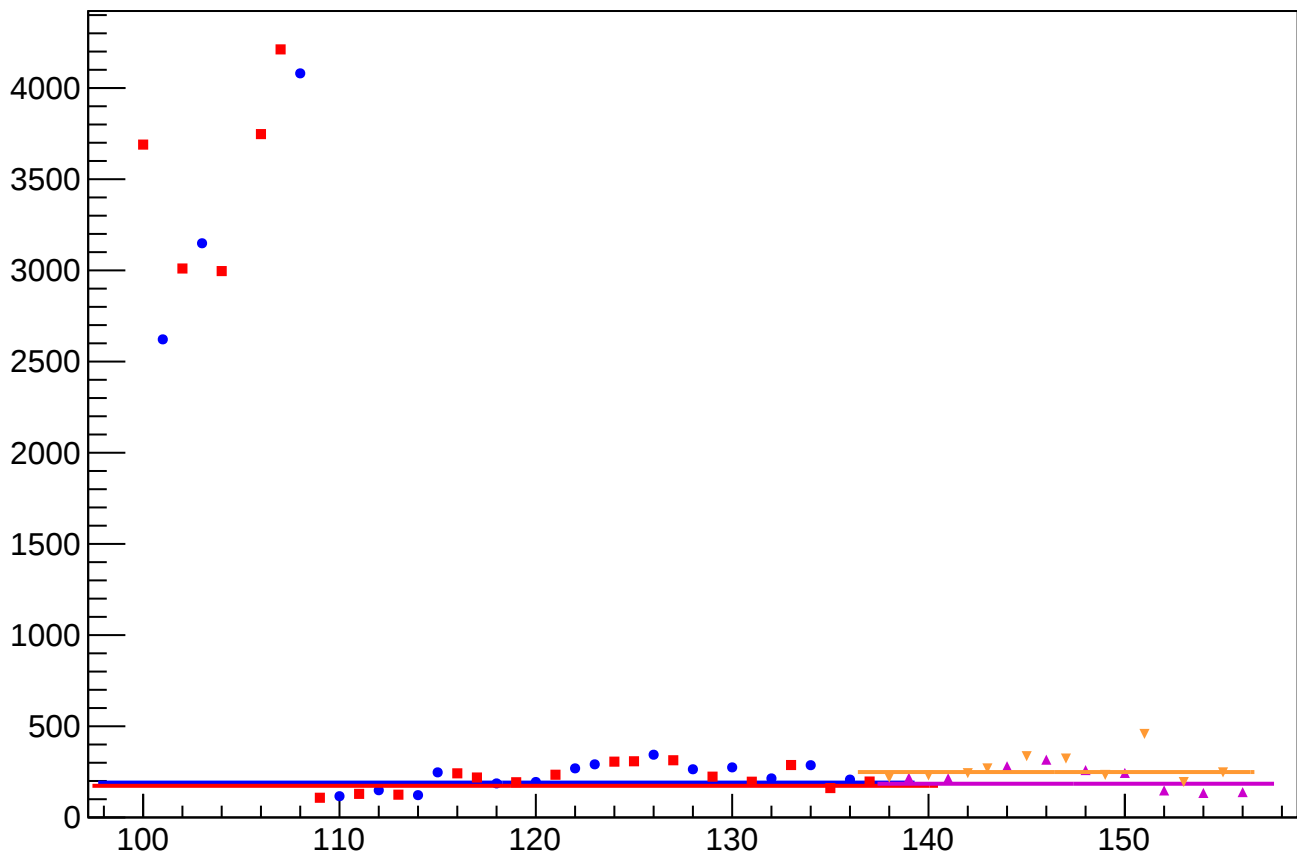
Left In: 60.672+/-74.281 χ^2/NDF : 4.2/8

71.228+/-64.453 χ^2/NDF : 15.7/26

54.655+/-41.680 χ^2/NDF : 32.0/55

42.743+/-54.642 χ^2/NDF : 16.2/28

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.190+/-0.062 χ^2/NDF : 3571747.5/16

Left Out: 249.032+/-0.067 χ^2/NDF : 672813.9/9

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

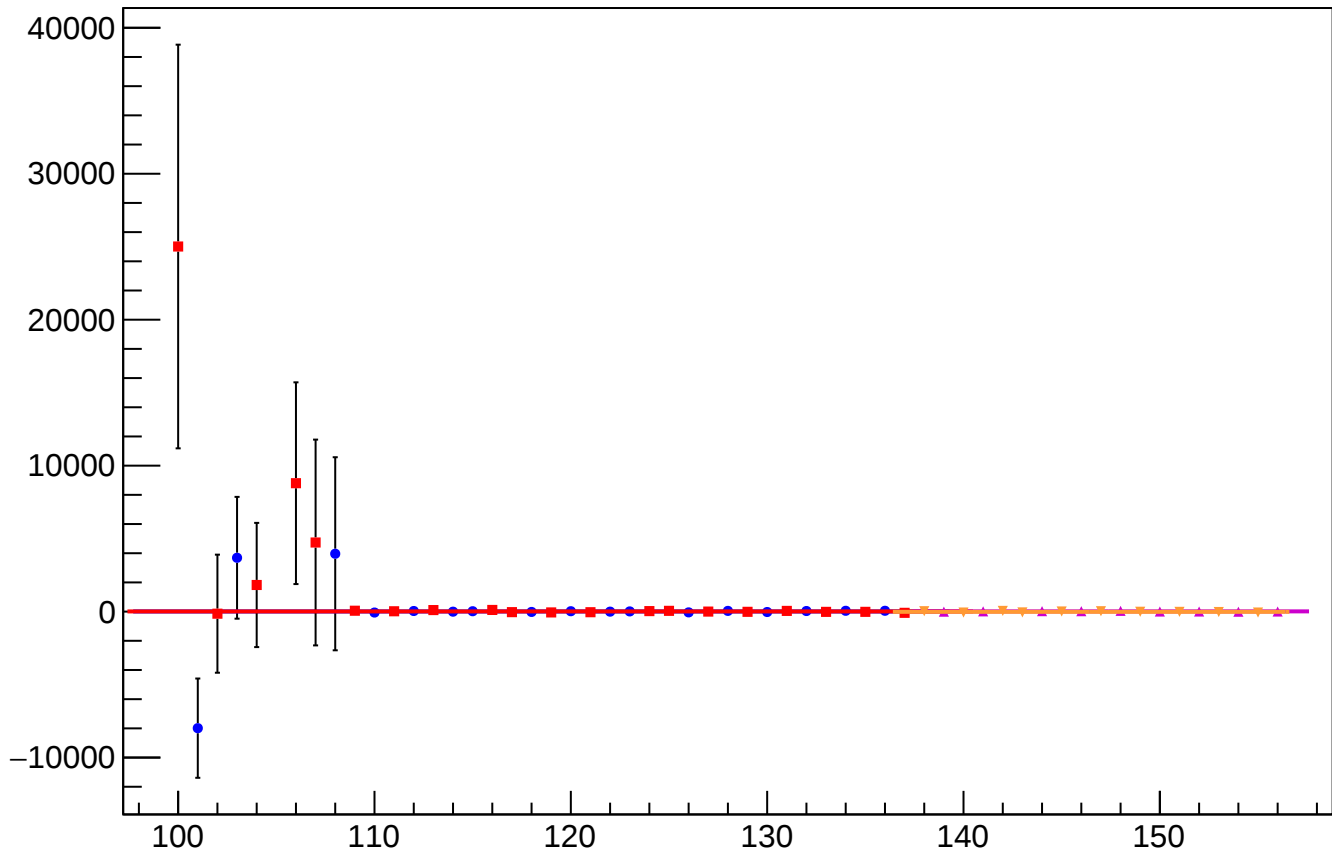
Left In: 184.858+/-0.053 χ^2/NDF : 1215424.7/8

217.741+/-0.046 χ^2/NDF : 4644537.4/26

195.586+/-0.029 χ^2/NDF : 10498351.5/55

179.663+/-0.039 χ^2/NDF : 5447676.5/28

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: -14.869+/-11.076 χ^2/NDF : 10.6/9

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

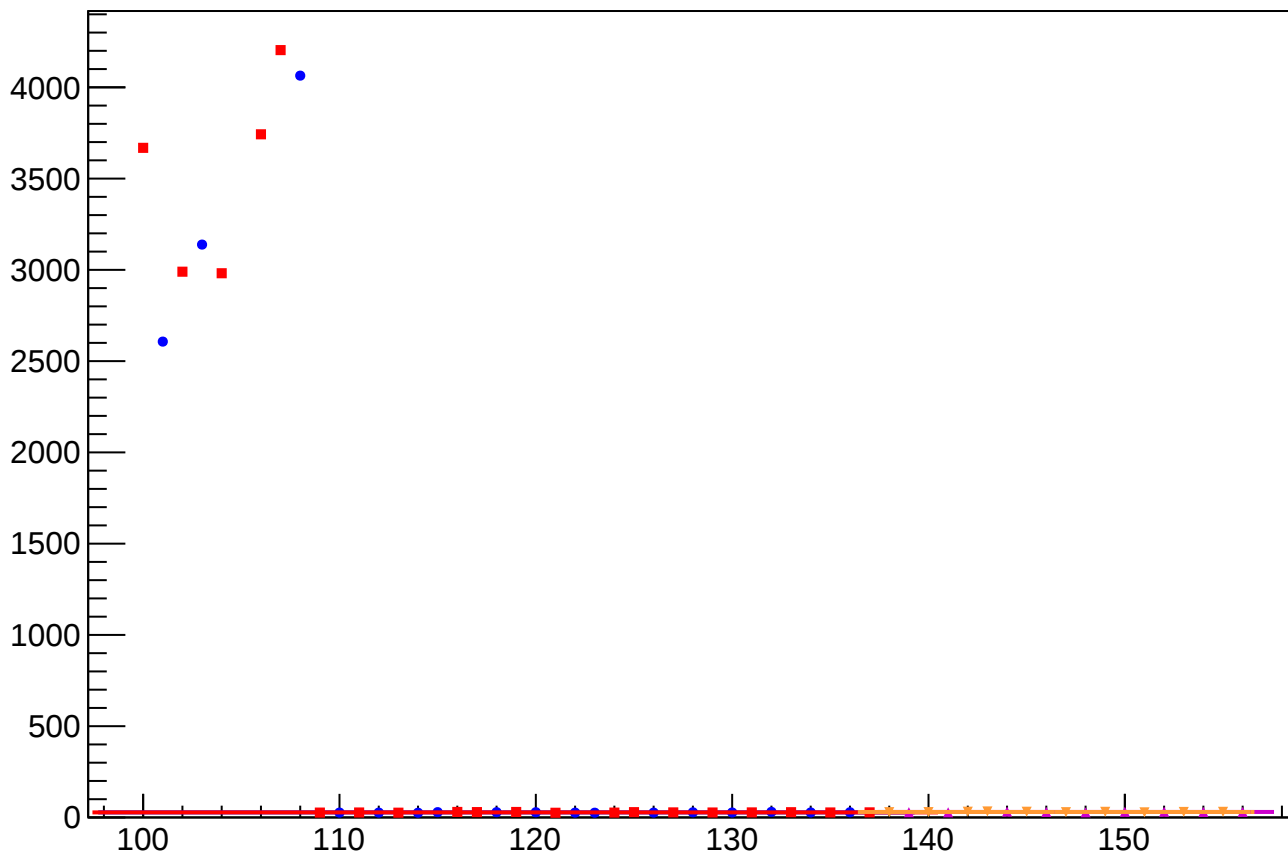
Left In: 16.020+/-11.171 χ^2/NDF : 2.7/8

-3.443+/-8.197 χ^2/NDF : 31.2/26

5.462+/-5.809 χ^2/NDF : 60.8/55

14.445+/-8.233 χ^2/NDF : 27.2/28

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: 30.001+/-0.008 χ^2/NDF :30582.4/9

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

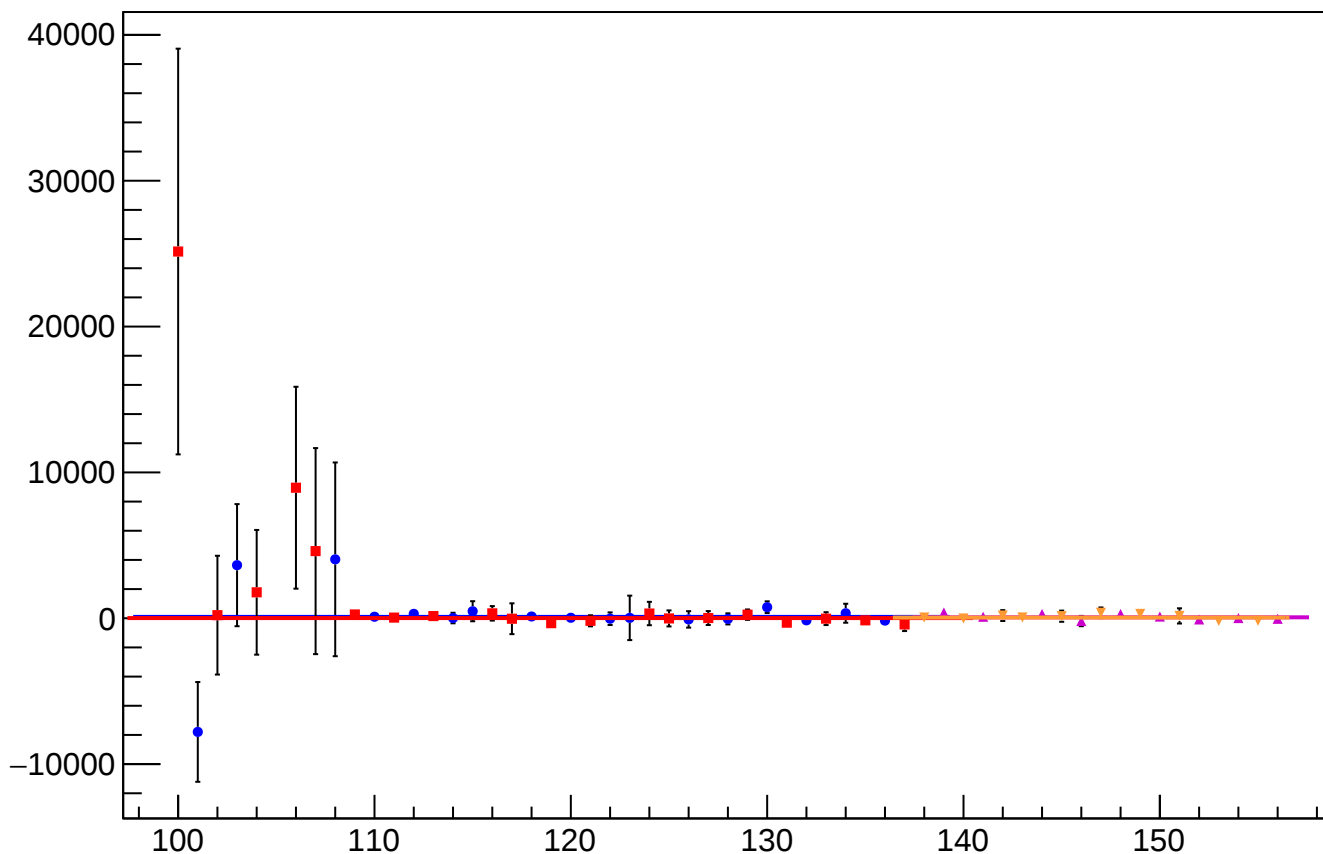
Left In: 30.134+/-0.008 χ^2/NDF :31313.7/8

29.022+/-0.006 χ^2/NDF : 3092013.8/26

29.024+/-0.004 χ^2/NDF : 6643536.4/55

29.025+/-0.006 χ^2/NDF : 3551522.4/28

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: 48.979+/-94.918 χ^2/NDF : 3.6/9

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

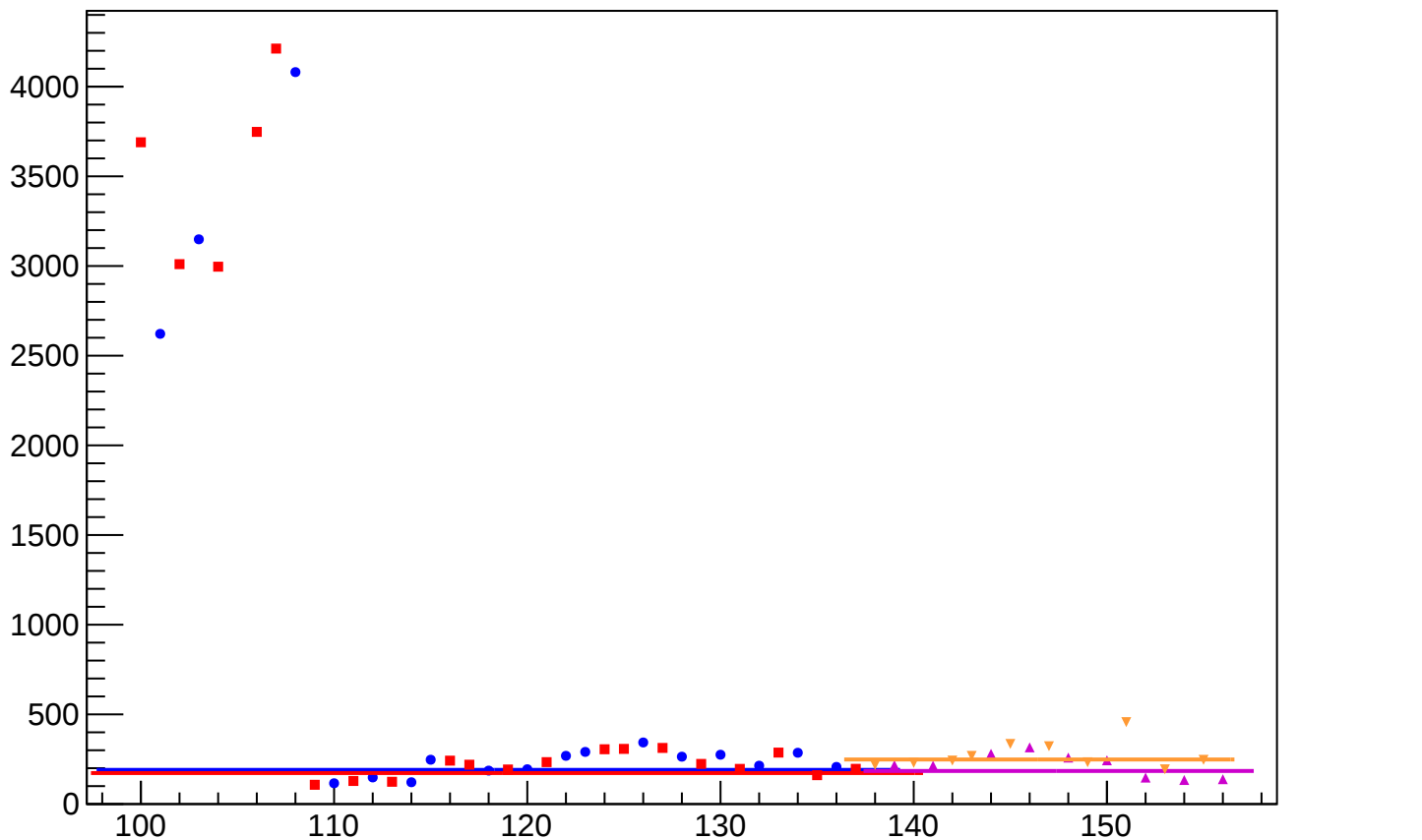
Left In: 64.292+/-74.126 χ^2/NDF : 4.3/8

72.725+/-64.278 χ^2/NDF : 16.4/26

53.979+/-41.569 χ^2/NDF : 33.7/55

40.502+/-54.500 χ^2/NDF : 17.2/28

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.485+/-0.062 χ^2/NDF : 3583573.2/16

Left Out: 248.469+/-0.067 χ^2/NDF : 672893.5/9

Right Out: 172.872+/-0.057 χ^2/NDF : 422275.2/19

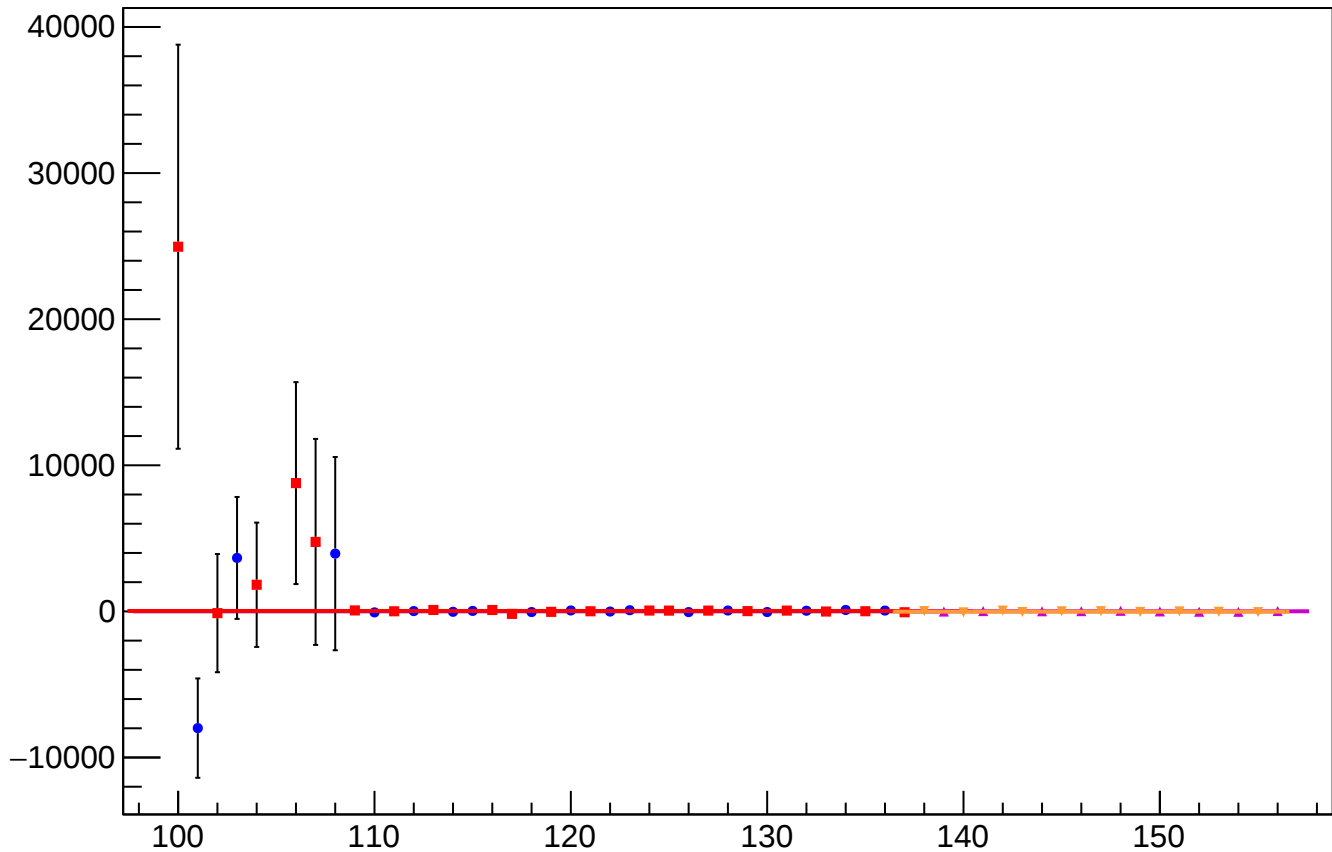
Left In: 184.479+/-0.052 χ^2/NDF : 1214759.8/8

217.077+/-0.045 χ^2/NDF : 4660540.6/26

195.010+/-0.029 χ^2/NDF : 10525259.1/55

179.146+/-0.039 χ^2/NDF : 5459562.4/28

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: -15.231 $\pm$ 11.160 χ^2 /NDF: 8.4/9

Right Out: 28.128 $\pm$ 12.282 χ^2 /NDF: 18.5/19

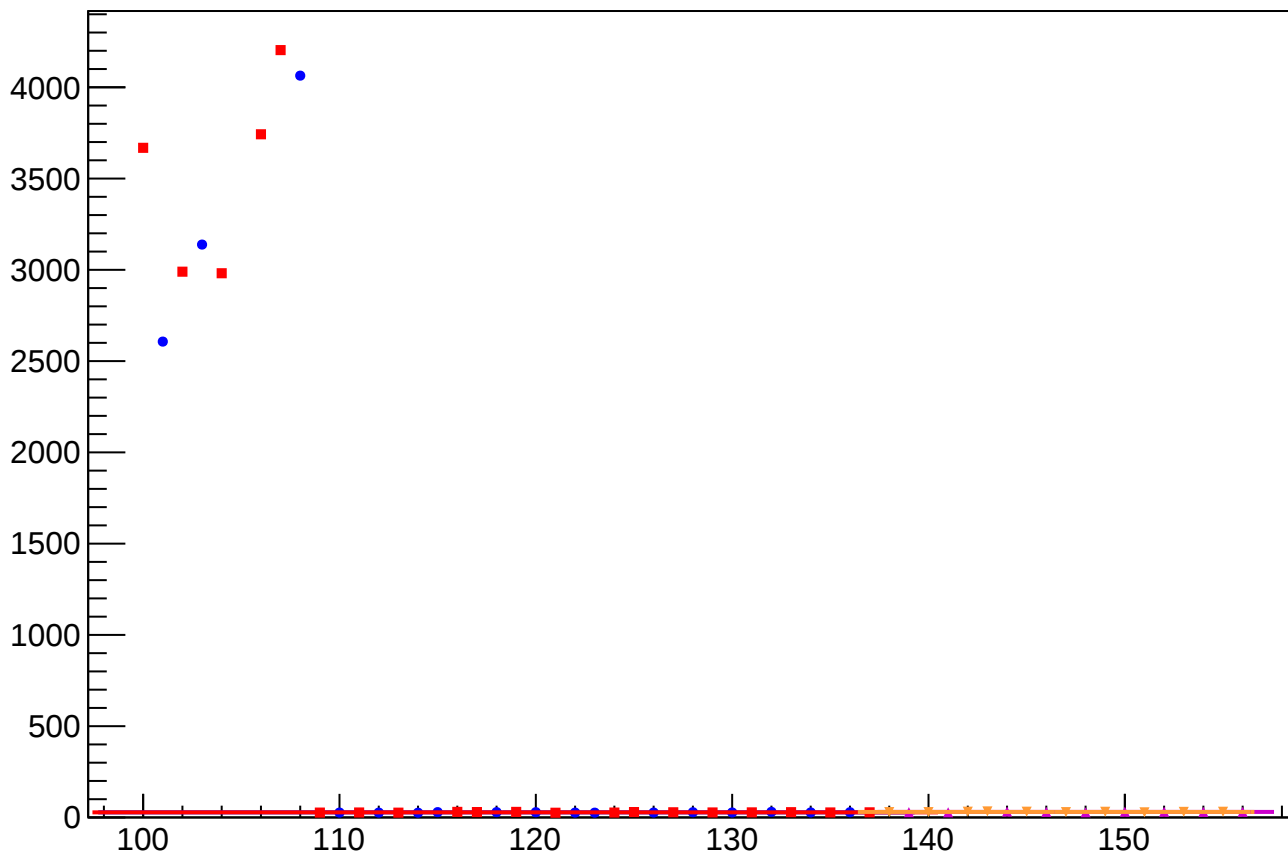
Left In: 8.085 $\pm$ 11.238 χ^2 /NDF: 3.6/8

-3.993 $\pm$ 8.257 χ^2 /NDF: 33.9/26

6.569 $\pm$ 5.851 χ^2 /NDF: 60.7/55

17.219 $\pm$ 8.291 χ^2 /NDF: 23.5/28

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: 30.226+/-0.008 χ^2/NDF : 32423.9/9

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

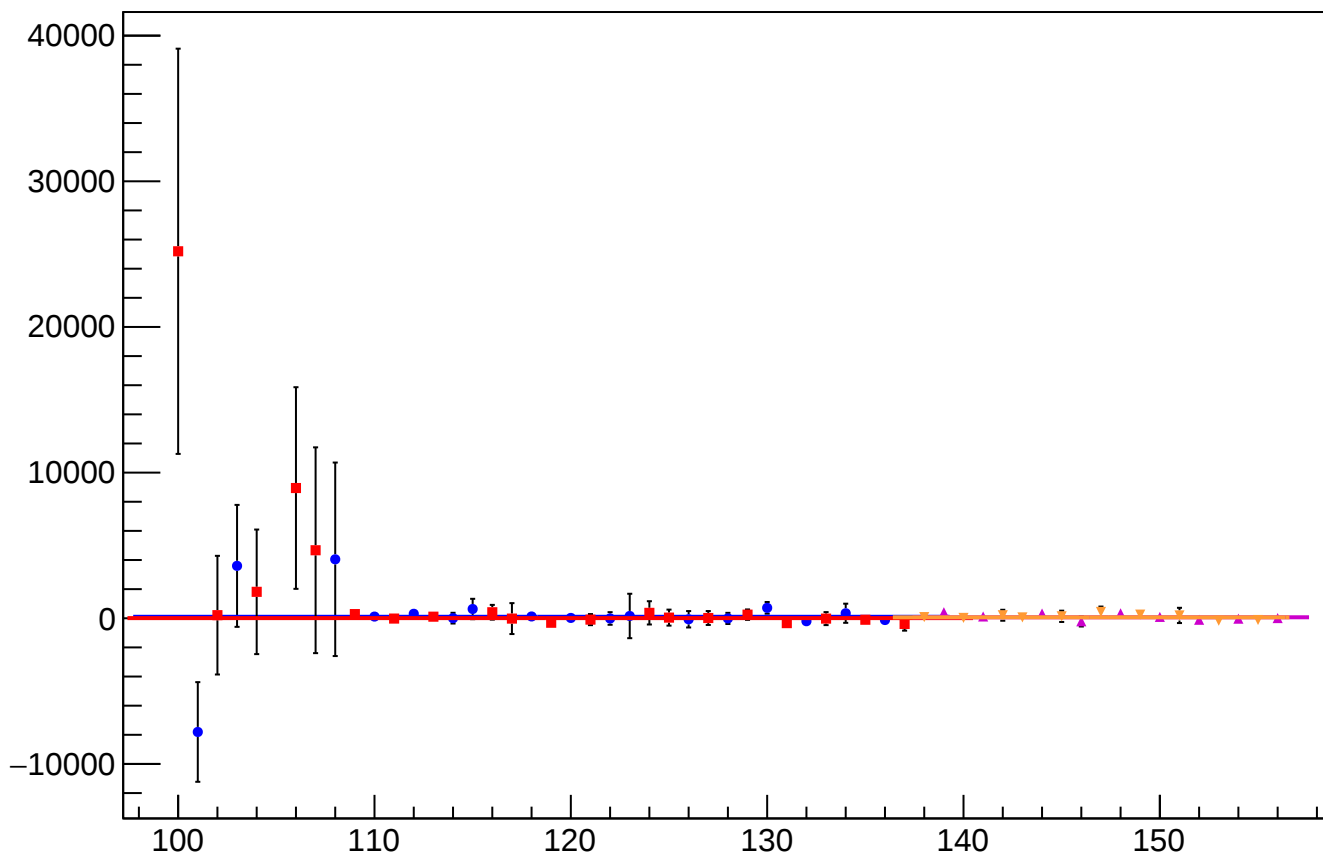
Left In: 30.321+/-0.008 χ^2/NDF : 32088.5/8

29.229+/-0.006 χ^2/NDF : 3094703.7/26

29.230+/-0.004 χ^2/NDF : 6647940.4/55

29.231+/-0.006 χ^2/NDF : 3553236.6/28

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: 67.064 $\pm$ 96.056 χ^2 /NDF: 3.2/9

Right Out: 11.037 $\pm$ 81.486 χ^2 /NDF: 12.3/19

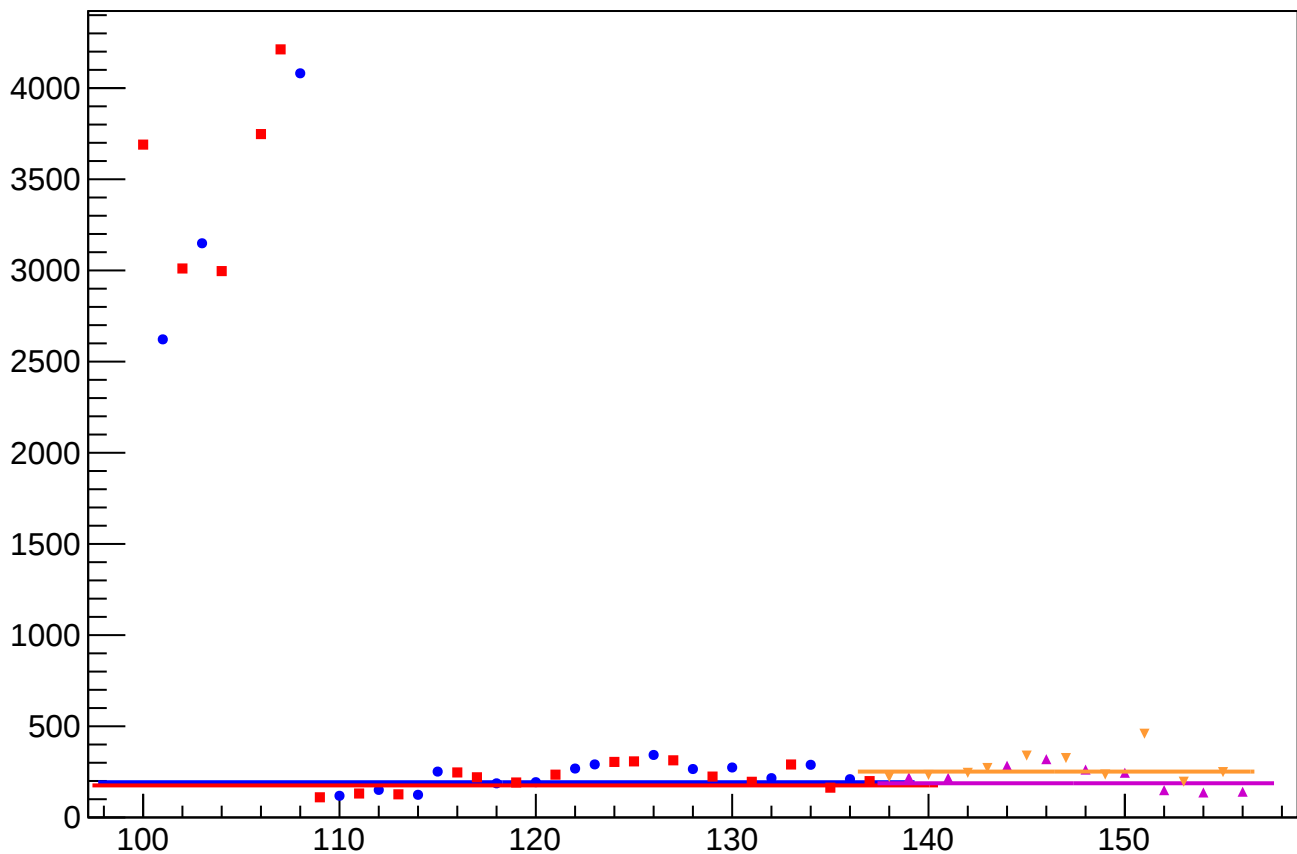
Left In: 68.587 $\pm$ 75.239 χ^2 /NDF: 5.0/8

85.858 $\pm$ 65.043 χ^2 /NDF: 15.7/26

60.453 $\pm$ 42.122 χ^2 /NDF: 33.4/55

42.102 $\pm$ 55.279 χ^2 /NDF: 17.5/28

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.190 $\pm$ 0.063 χ^2 /NDF: 3536123.5/16

Left Out: 251.573 $\pm$ 0.068 χ^2 /NDF: 664271.1/9

Right Out: 175.749 $\pm$ 0.058 χ^2 /NDF: 4168935.2/19

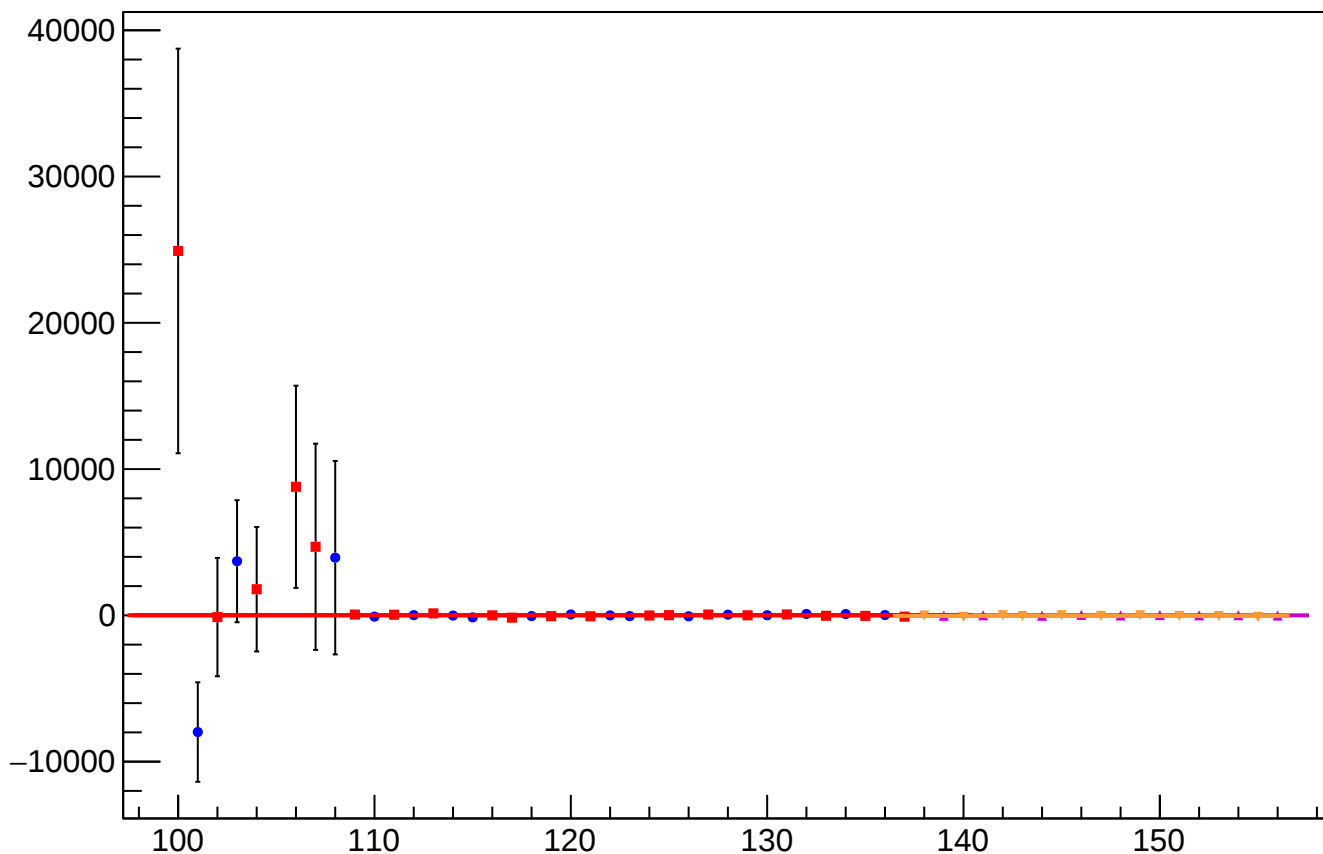
Left In: 187.542 $\pm$ 0.053 χ^2 /NDF: 1189002.0/8

219.959 $\pm$ 0.046 χ^2 /NDF: 4600468.7/26

197.986 $\pm$ 0.030 χ^2 /NDF: 10374137.7/55

182.115 $\pm$ 0.039 χ^2 /NDF: 5380546.0/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.651 $\pm$ 14.935 χ^2 /NDF: 20.4/16

Left Out: -39.595 $\pm$ 13.097 χ^2 /NDF:10.5/9

Right Out: 11.101 $\pm$ 14.886 χ^2 /NDF: 22.7/19

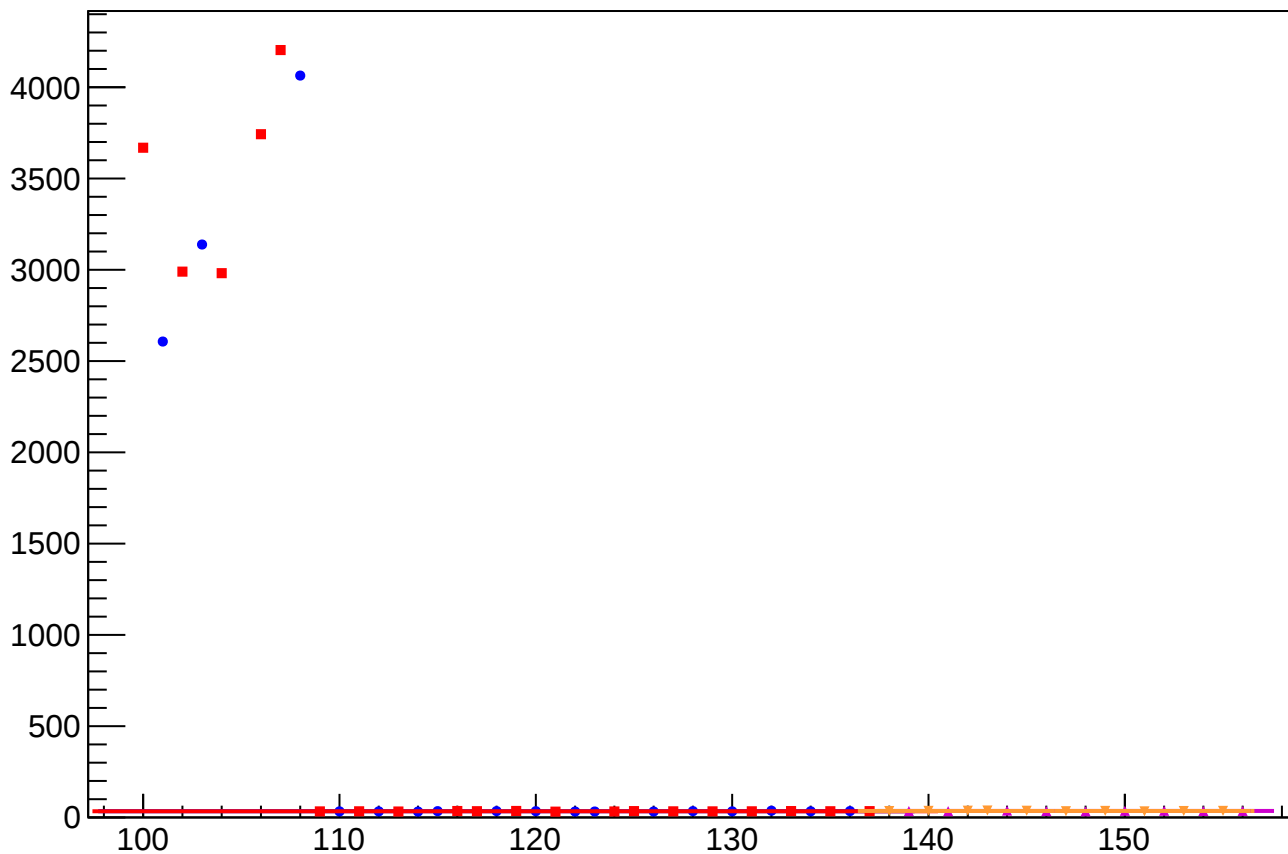
Left In: 2.195 $\pm$ 13.196 χ^2 /NDF:1.9/8

-20.360 $\pm$ 9.847 χ^2 /NDF: 35.8/26

-7.160 $\pm$ 6.973 χ^2 /NDF: 64.2/55

6.115 $\pm$ 9.875 χ^2 /NDF: 24.8/28

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: 35.522 $\pm$ 0.009 χ^2 /NDF:19319.8/9

Right Out: 33.915 $\pm$ 0.011 χ^2 /NDF: 3451897.1/19

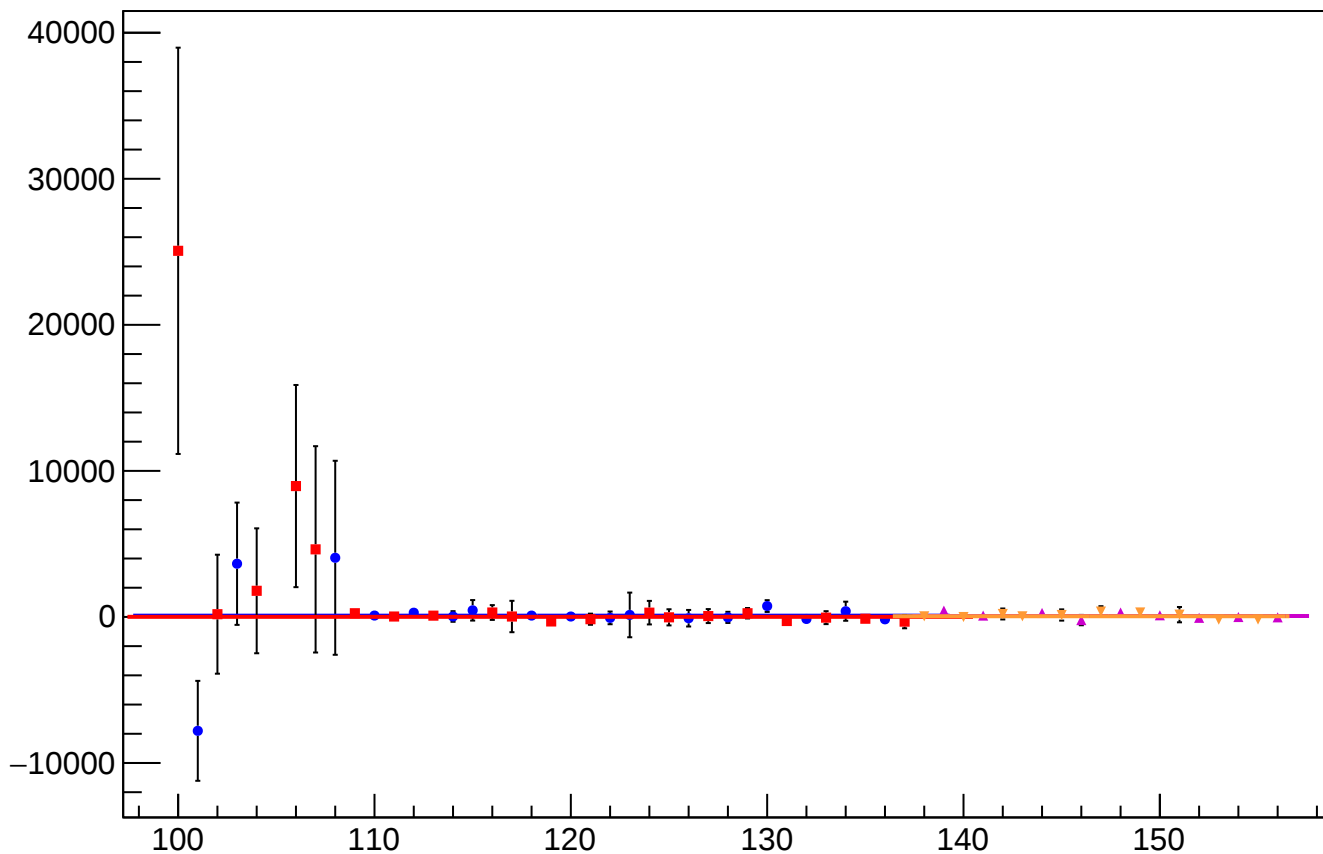
Left In: 35.663 $\pm$ 0.009 χ^2 /NDF:12676.8/8

34.920 $\pm$ 0.007 χ^2 /NDF: 3035281.9/26

34.907 $\pm$ 0.005 χ^2 /NDF: 6515300.1/55

34.894 $\pm$ 0.007 χ^2 /NDF: 3480011.2/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 86.041+/-87.947 χ^2/NDF : 12.4/16

Left Out: 48.013+/-95.575 χ^2/NDF : 3.7/9

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

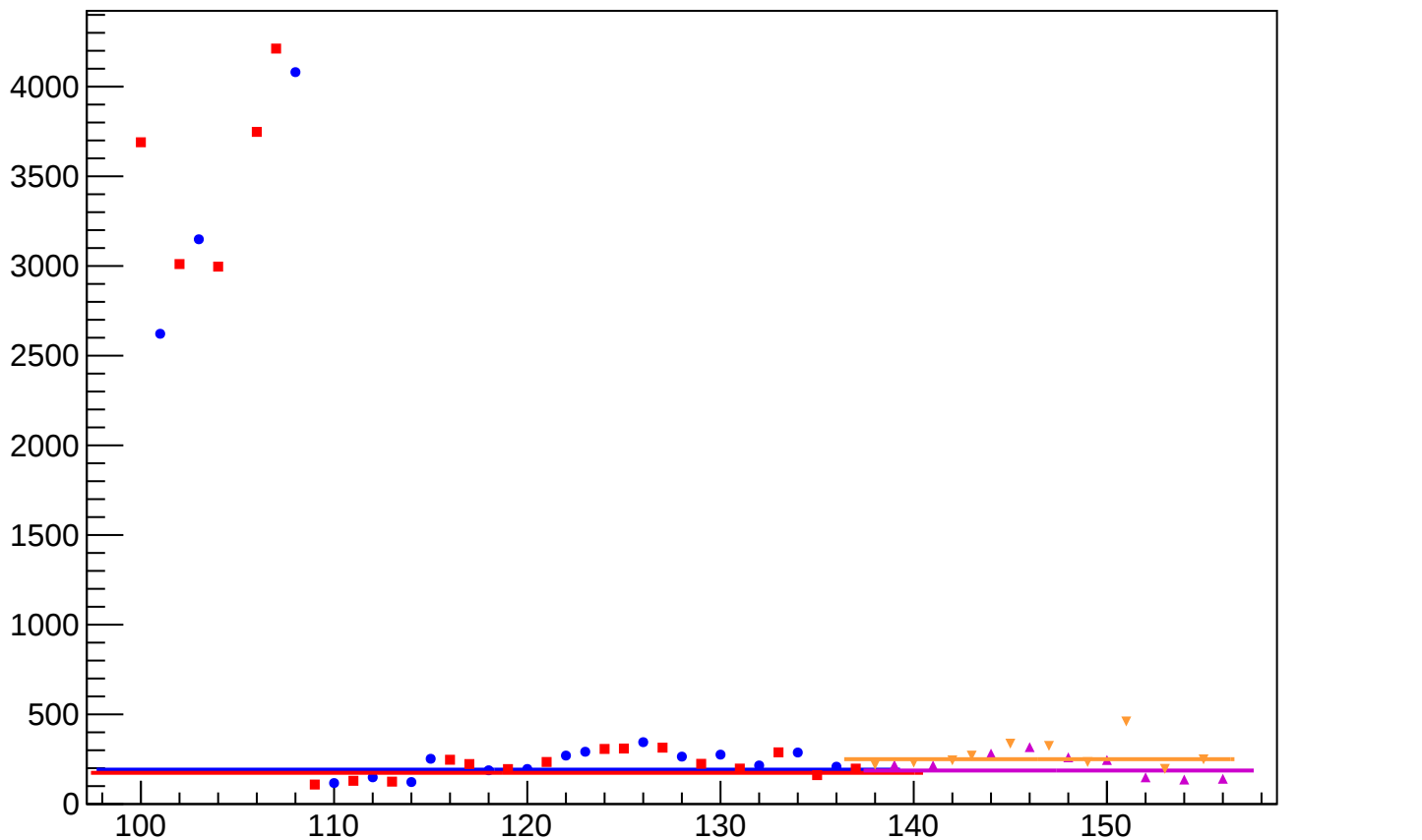
Left In: 64.322+/-74.984 χ^2/NDF : 4.5/8

68.605+/-64.717 χ^2/NDF : 16.2/26

50.871+/-41.918 χ^2/NDF : 32.2/55

38.055+/-55.019 χ^2/NDF : 15.9/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.880 +/- 0.062 χ^2/NDF : 3573060.2/16

Left Out: 250.257 +/- 0.068 χ^2/NDF : 667728.5/9

Right Out: 174.207 +/- 0.057 χ^2/NDF : 421538.3/19

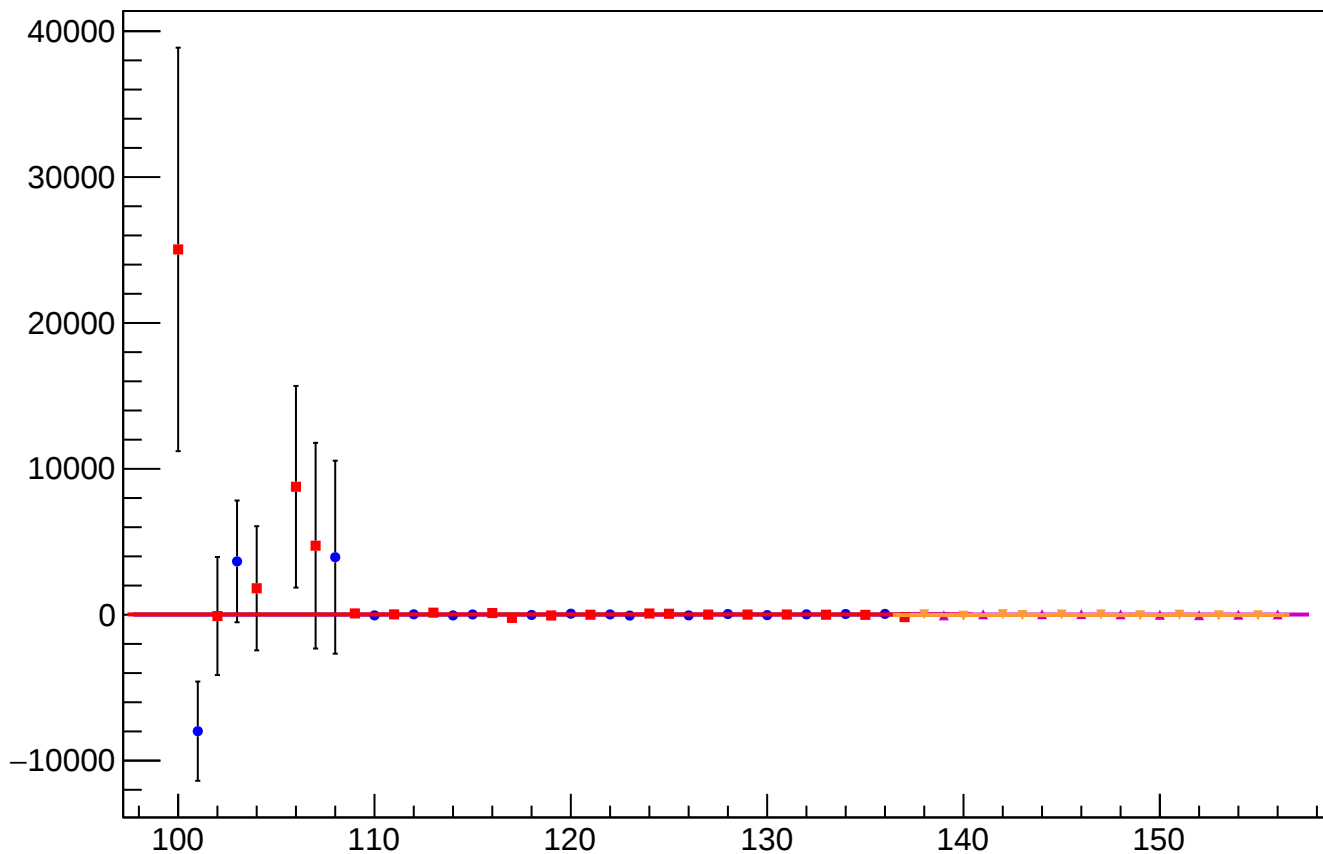
Left In: 186.918 +/- 0.053 χ^2/NDF : 1178371.5/8

218.646 +/- 0.046 χ^2/NDF : 4644815.5/26

196.823 +/- 0.030 χ^2/NDF : 10457054.3/55

181.050 +/- 0.039 χ^2/NDF : 5420443.6/28

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: -17.597+/-11.986 χ^2/NDF : 8.1/9

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

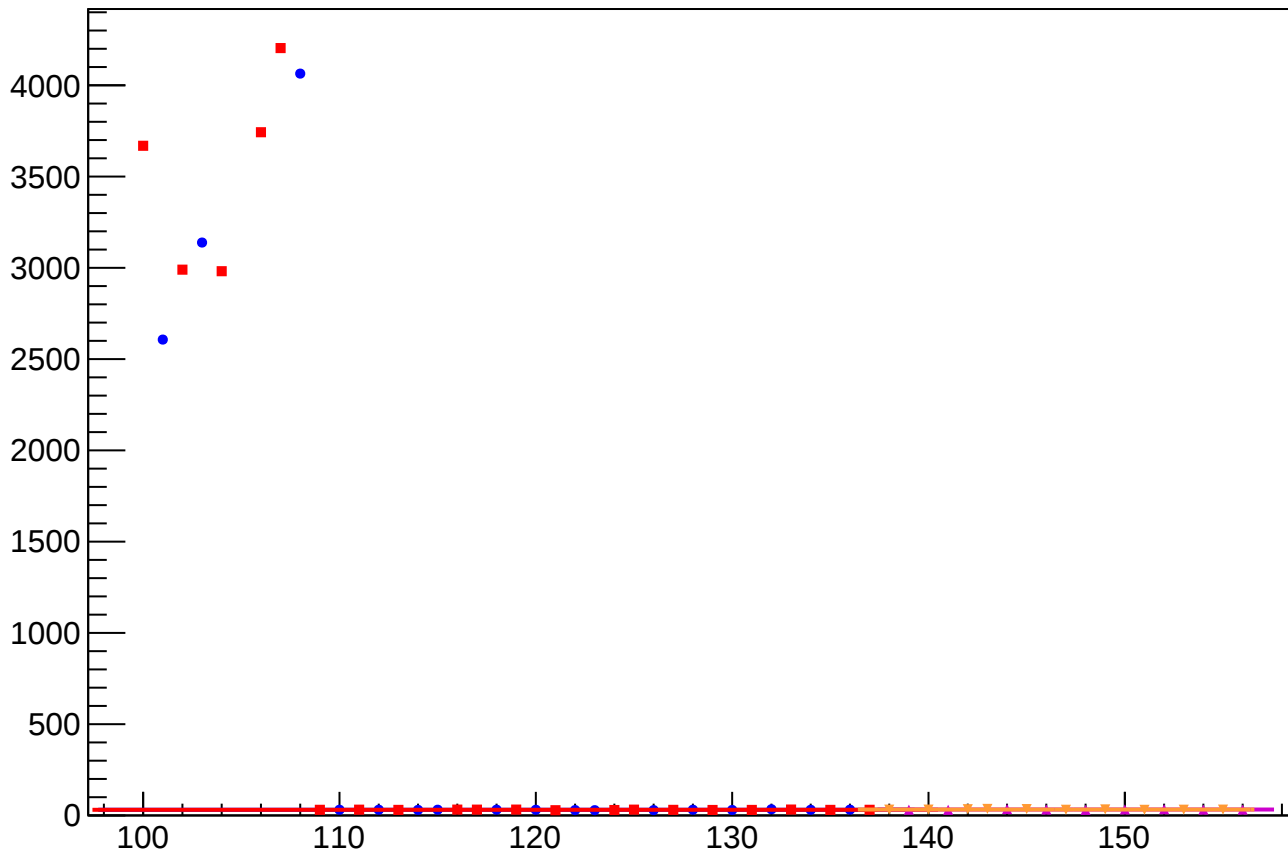
Left In: 13.568+/-12.044 χ^2/NDF : 5.0/8

-3.752+/-8.997 χ^2/NDF : 26.4/26

6.627+/-6.369 χ^2/NDF : 64.2/55

17.050+/-9.017 χ^2/NDF : 35.1/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.127+/-0.010 χ^2/NDF : 3014425.9/16

Left Out: 32.472+/-0.008 χ^2/NDF : 32290.5/9

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

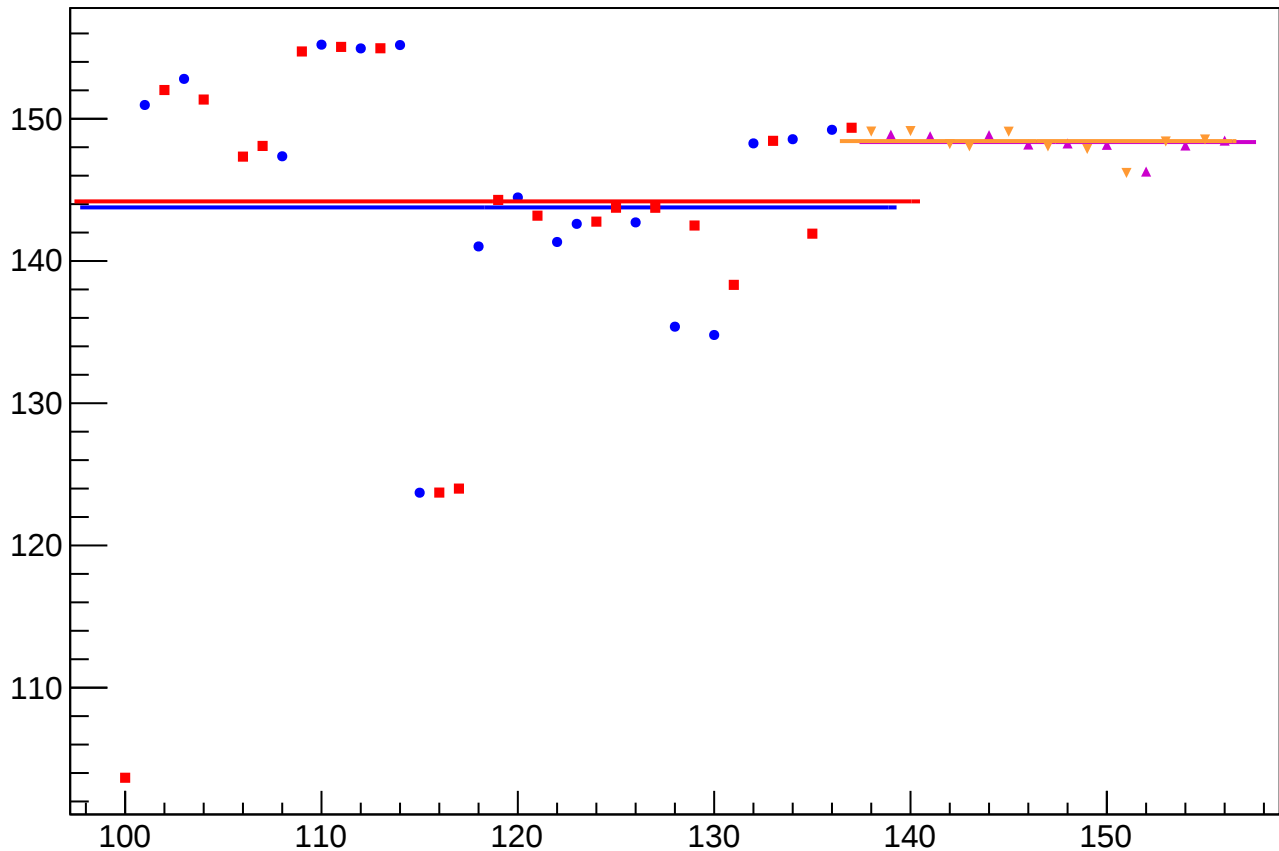
Left In: 32.493+/-0.009 χ^2/NDF : 25120.2/8

31.885+/-0.006 χ^2/NDF : 3057723.0/26

31.854+/-0.005 χ^2/NDF : 6555947.9/55

31.824+/-0.006 χ^2/NDF : 3498178.6/28

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.768 $\pm$ 0.000 χ^2/NDF : 3532173868.5/16

Left Out: 148.432 $\pm$ 0.000 χ^2/NDF : 30731523.5/9

Right Out: 144.192 $\pm$ 0.000 χ^2/NDF : 4524049993.1/19

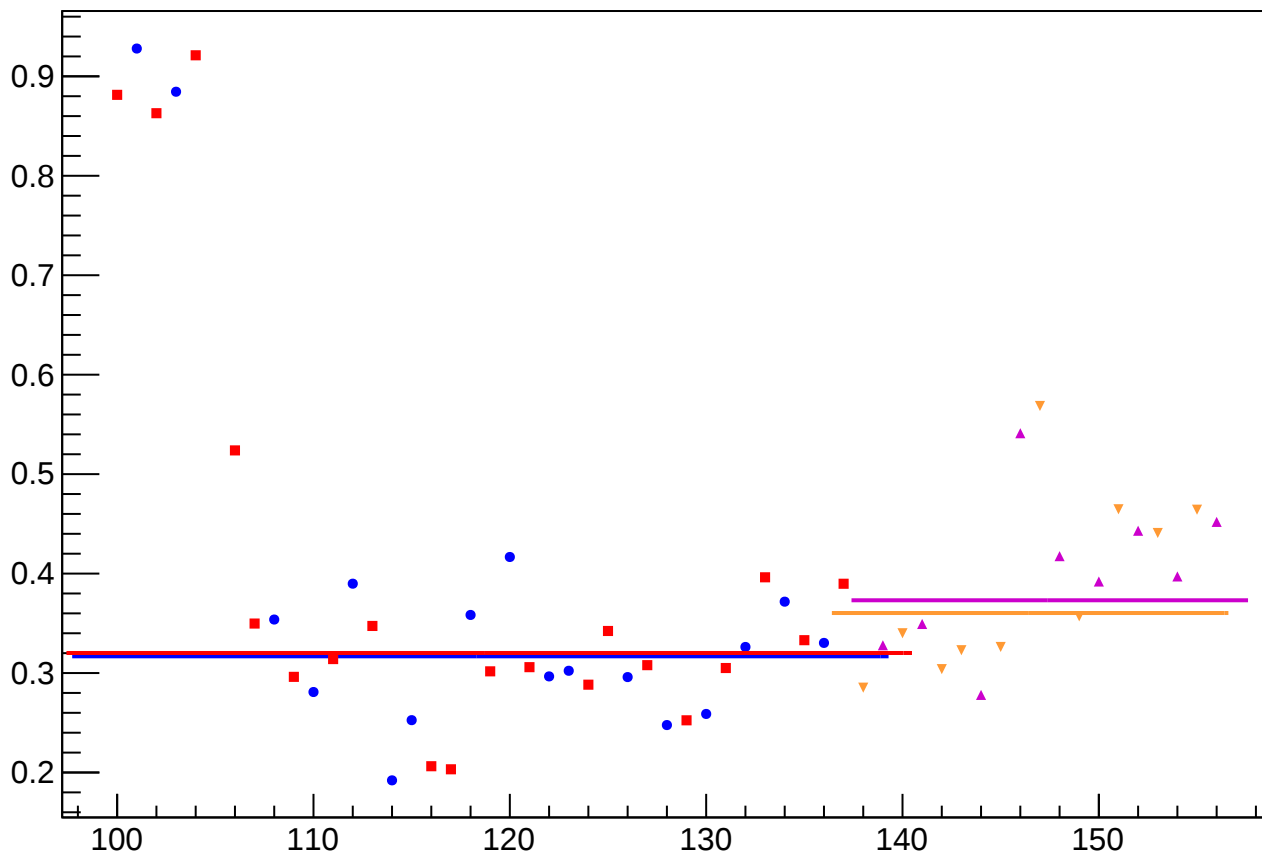
Left In: 148.363 $\pm$ 0.000 χ^2/NDF : 23035459.6/8

146.024 $\pm$ 0.000 χ^2/NDF : 4148306543.3/26

146.066 $\pm$ 0.000 χ^2/NDF : 9154941435.3/26

146.110 $\pm$ 0.000 χ^2/NDF : 5006239572.0/28

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1278613.2/16

Left Out: 0.360+/-0.000 χ^2/NDF : 566276.9/9

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

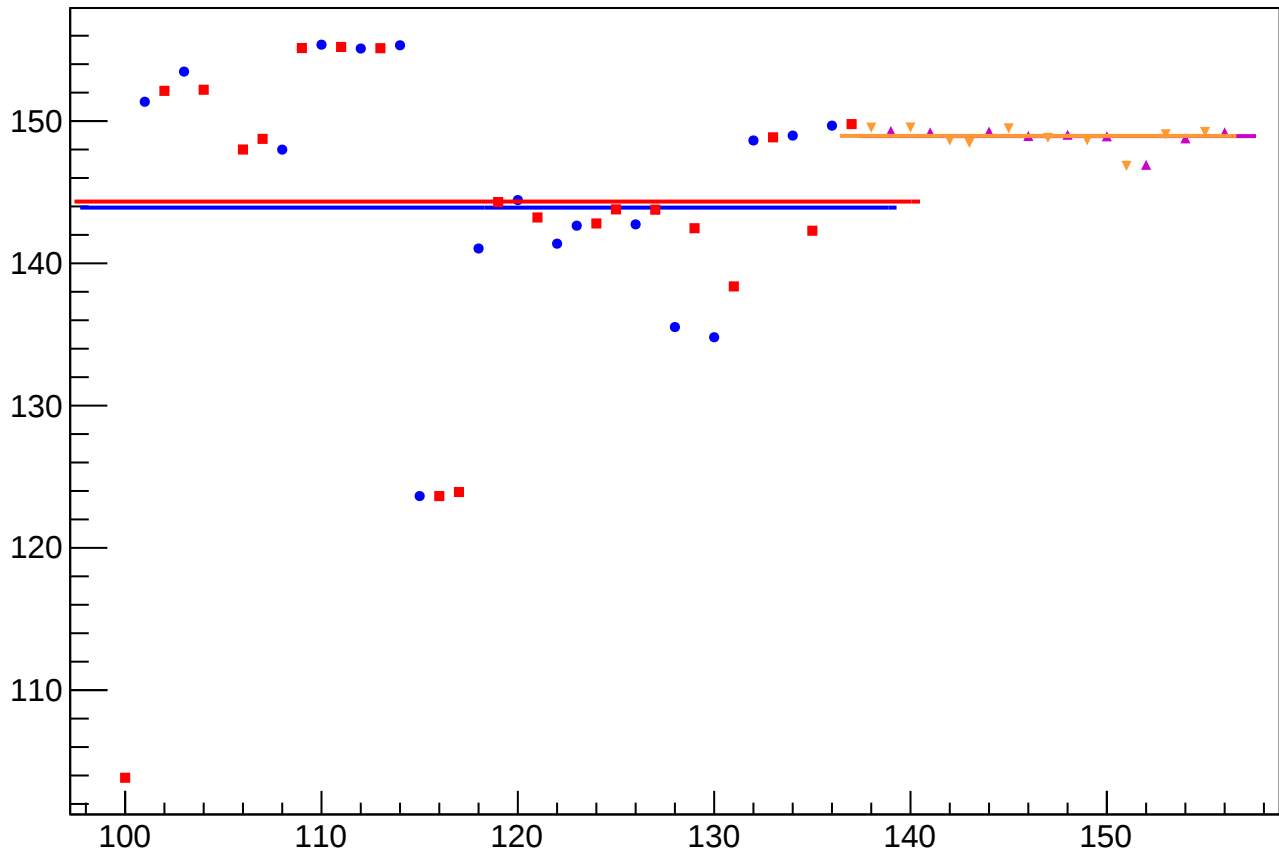
Left In: 0.373+/-0.000 χ^2/NDF : 491861.1/8

0.338+/-0.000 χ^2/NDF : 1946941.1/26

0.341+/-0.000 χ^2/NDF : 3832371.1/55

0.345+/-0.000 χ^2/NDF : 1880692.7/28

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.917 $\pm$ 0.000 χ^2 /NDF: 3584662767.5/16

Left Out: 148.959 $\pm$ 0.000 χ^2 /NDF: 24780455.1/9

Right Out: 144.342 $\pm$ 0.000 χ^2 /NDF: 4551365931.0/19

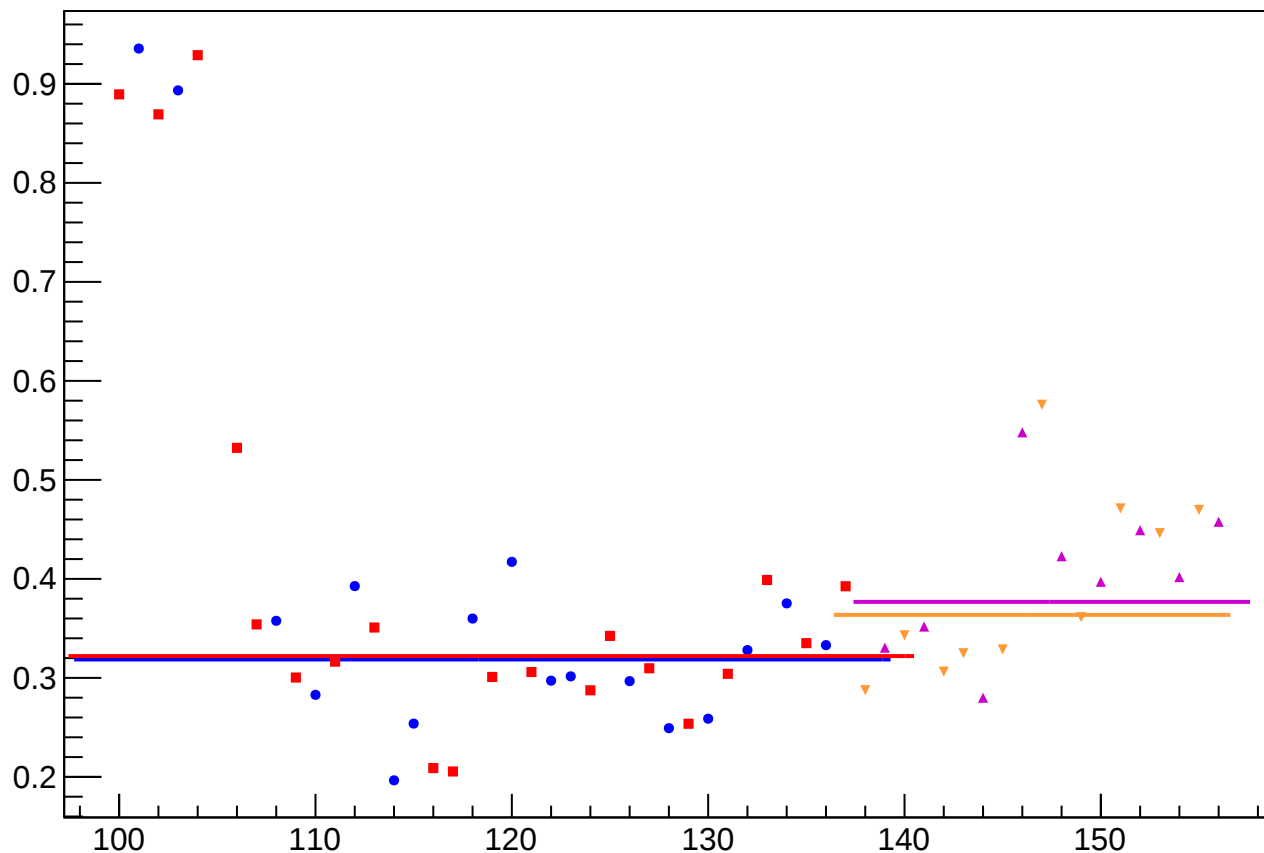
Left In: 148.944 $\pm$ 0.000 χ^2 /NDF: 18465269.8/8

146.346 $\pm$ 0.000 χ^2 /NDF: 4283399041.1/26

146.397 $\pm$ 0.000 χ^2 /NDF: 9403528885.2/27

146.448 $\pm$ 0.000 χ^2 /NDF: 5119572667.3/28

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 1280748.9/16

Left Out: 0.364+/-0.000 χ^2/NDF : 577148.0/9

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

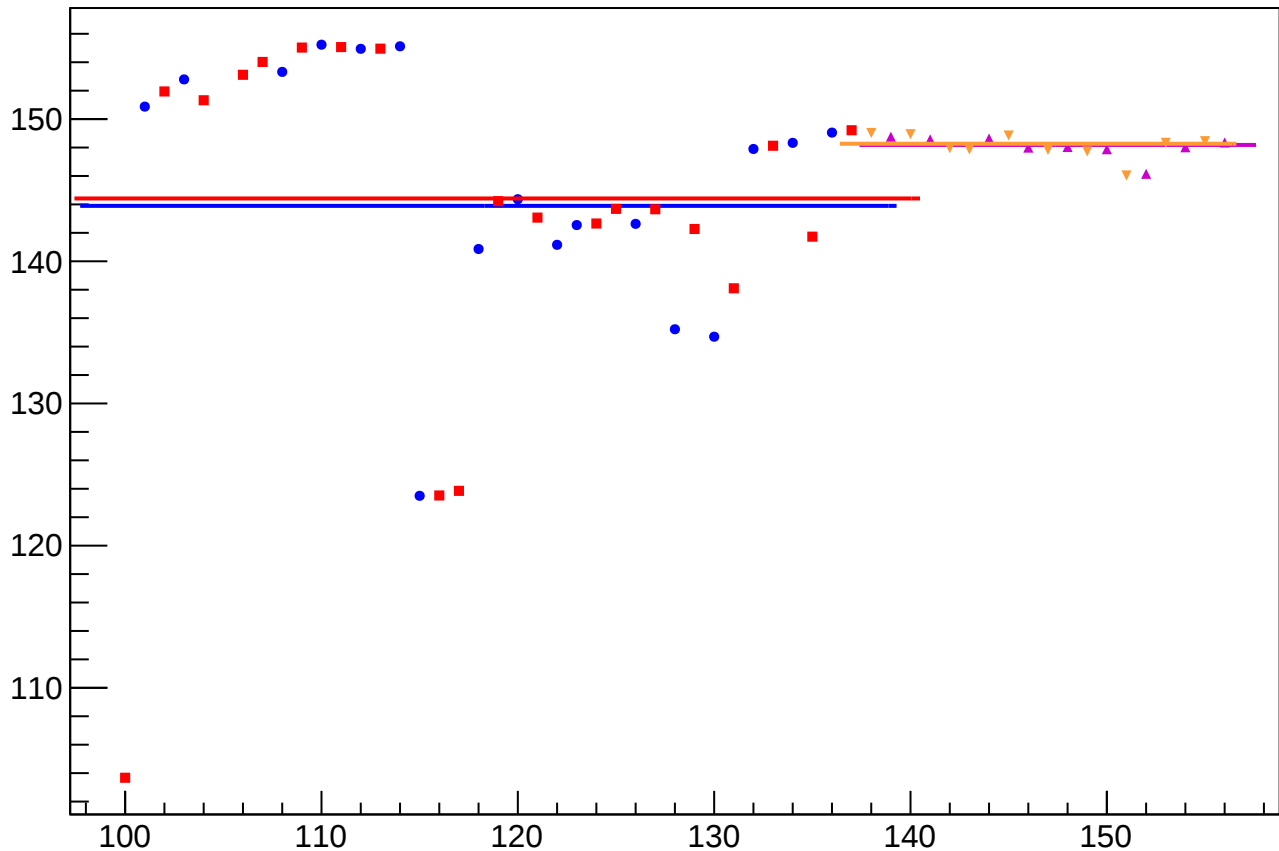
Left In: 0.377+/-0.000 χ^2/NDF : 503945.4/8

0.340+/-0.000 χ^2/NDF : 1965421.8/26

0.344+/-0.000 χ^2/NDF : 3872927.3/55

0.347+/-0.000 χ^2/NDF : 1902658.8/28

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.899 $\pm$ 0.000 χ^2 /NDF: 3749888331.0/16

Left Out: 148.268 $\pm$ 0.000 χ^2 /NDF: 30900479.6/9

Right Out: 144.419 $\pm$ 0.000 χ^2 /NDF: 4820290476.6/19

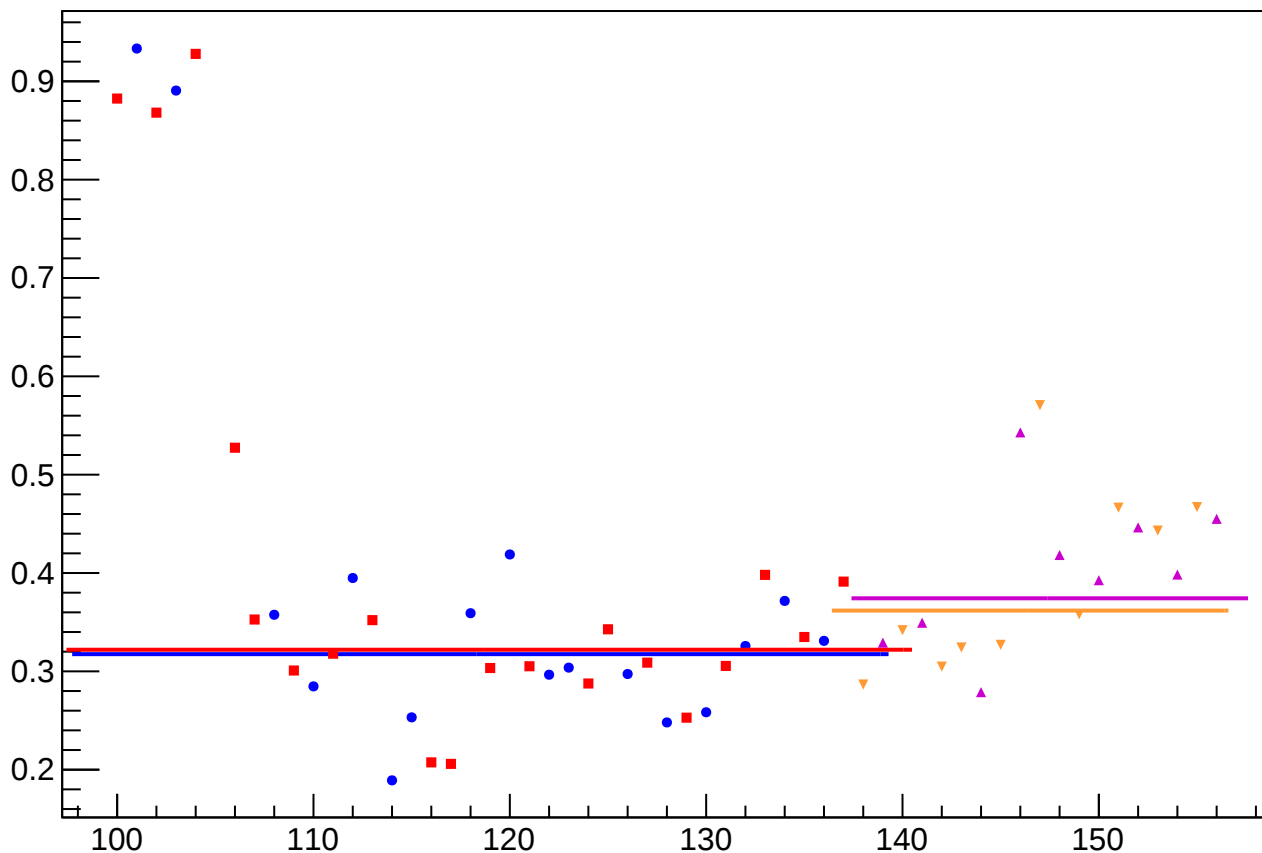
Left In: 148.183 $\pm$ 0.000 χ^2 /NDF: 22313612.1/8

146.009 $\pm$ 0.000 χ^2 /NDF: 4290936199.2/26

146.081 $\pm$ 0.000 χ^2 /NDF: 9505410614.9/26

146.154 $\pm$ 0.000 χ^2 /NDF: 5213359909.8/28

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.000 χ^2/NDF : 1293179.2/16

Left Out: 0.362 $\pm$ 0.000 χ^2/NDF : 567807.7/9

Right Out: 0.322 $\pm$ 0.000 χ^2/NDF : 1243703.4/19

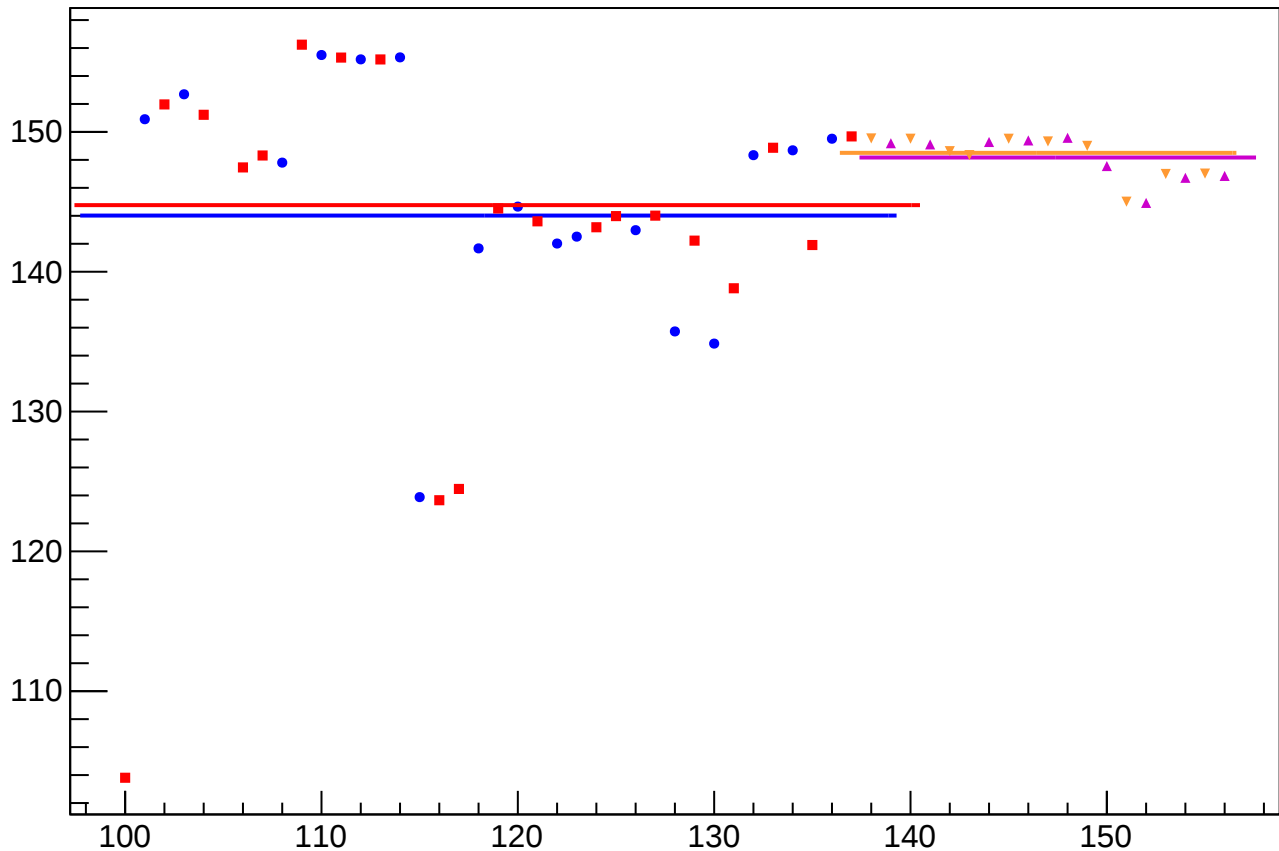
Left In: 0.374 $\pm$ 0.000 χ^2/NDF : 495762.7/8

0.339 $\pm$ 0.000 χ^2/NDF : 1965958.2/26

0.342 $\pm$ 0.000 χ^2/NDF : 3854066.8/55

0.346 $\pm$ 0.000 χ^2/NDF : 1882603.7/28

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.018 +/- 0.000 χ^2/NDF : 3238525527.6/16

Left Out: 148.504 +/- 0.000 χ^2/NDF : 80847038.3/9

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

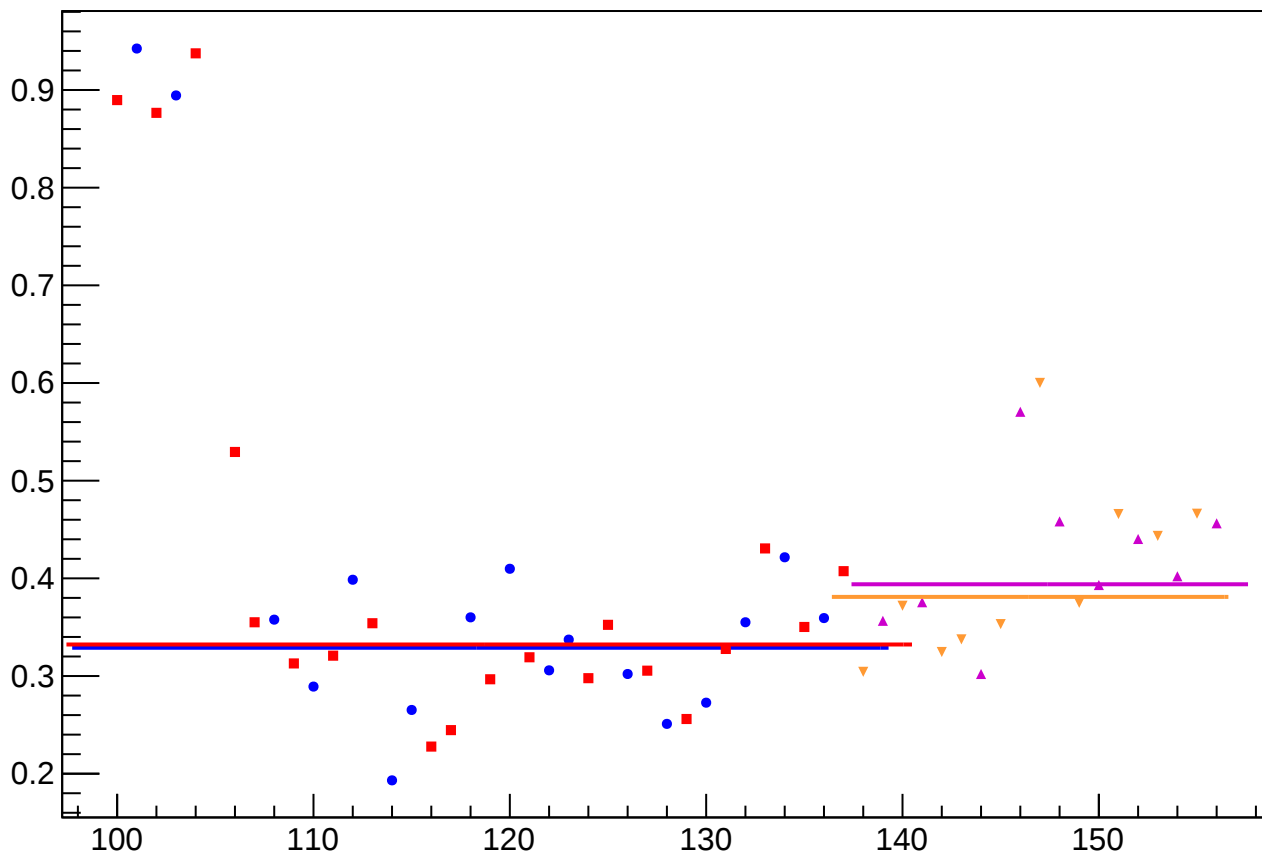
Left In: 148.170 +/- 0.000 χ^2/NDF : 93514443.4/8

146.152 +/- 0.000 χ^2/NDF : 3811434768.0/26

146.228 +/- 0.000 χ^2/NDF : 8284319335.6/26

146.304 +/- 0.000 χ^2/NDF : 4471751603.4/28

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1276118.3/16

Left Out: 0.381+/-0.000 χ^2/NDF : 470999.0/9

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

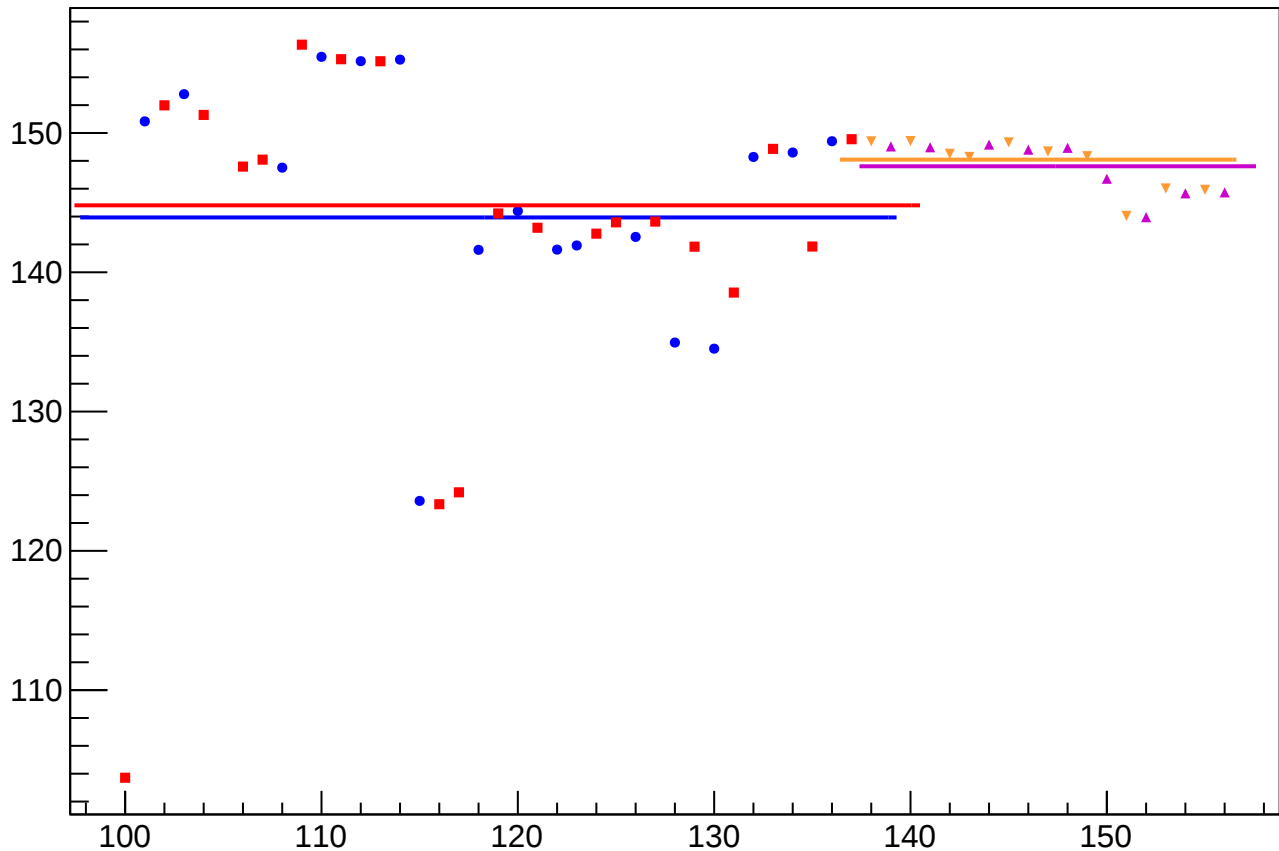
Left In: 0.394+/-0.000 χ^2/NDF : 397200.8/8

0.354+/-0.000 χ^2/NDF : 1879636.2/26

0.357+/-0.000 χ^2/NDF : 3655887.0/55

0.360+/-0.000 χ^2/NDF : 1772186.2/28

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 143.937 +/- 0.000 χ^2/NDF : 3379203532.9/16

Left Out: 148.088 +/- 0.000 χ^2/NDF : 122752708.8/9

Right Out: 144.806 +/- 0.000 χ^2/NDF : 4139087143.3/19

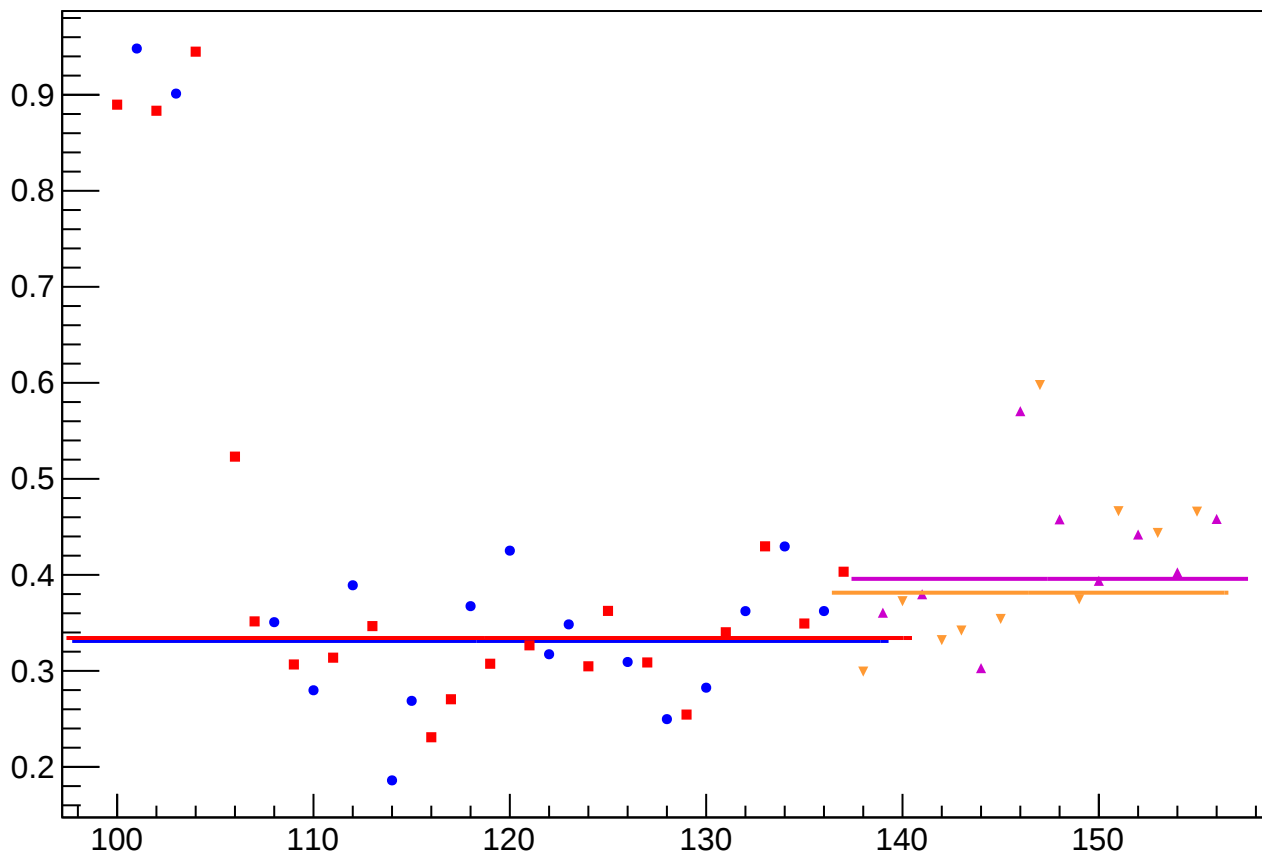
Left In: 147.611 +/- 0.000 χ^2/NDF : 140921526.2/8

145.925 +/- 0.000 χ^2/NDF : 3918867917.3/26

146.000 +/- 0.000 χ^2/NDF : 8387360670.8/26

146.075 +/- 0.000 χ^2/NDF : 4467403057.0/28

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331+/-0.000 χ^2/NDF : 1295749.0/16

Left Out: 0.381+/-0.000 χ^2/NDF : 470730.2/9

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

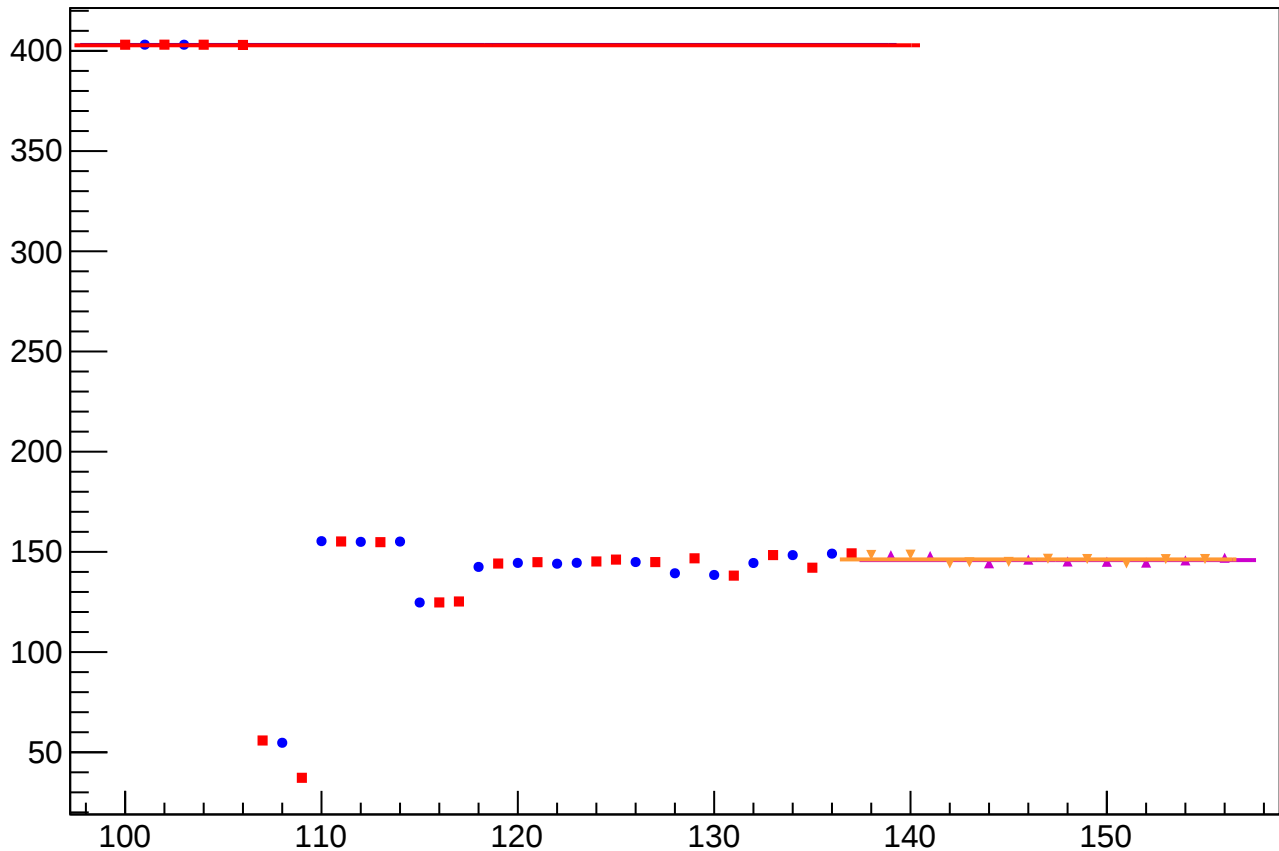
Left In: 0.396+/-0.000 χ^2/NDF : 389371.7/8

0.355+/-0.000 χ^2/NDF : 1888701.2/26

0.359+/-0.000 χ^2/NDF : 3639654.5/55

0.362+/-0.000 χ^2/NDF : 1746372.1/28

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 402.957 +/- 0.000 χ^2/NDF : 1096710296821.6/16

Left Out: 146.235 +/- 0.000 χ^2/NDF : 30441685.8/9

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

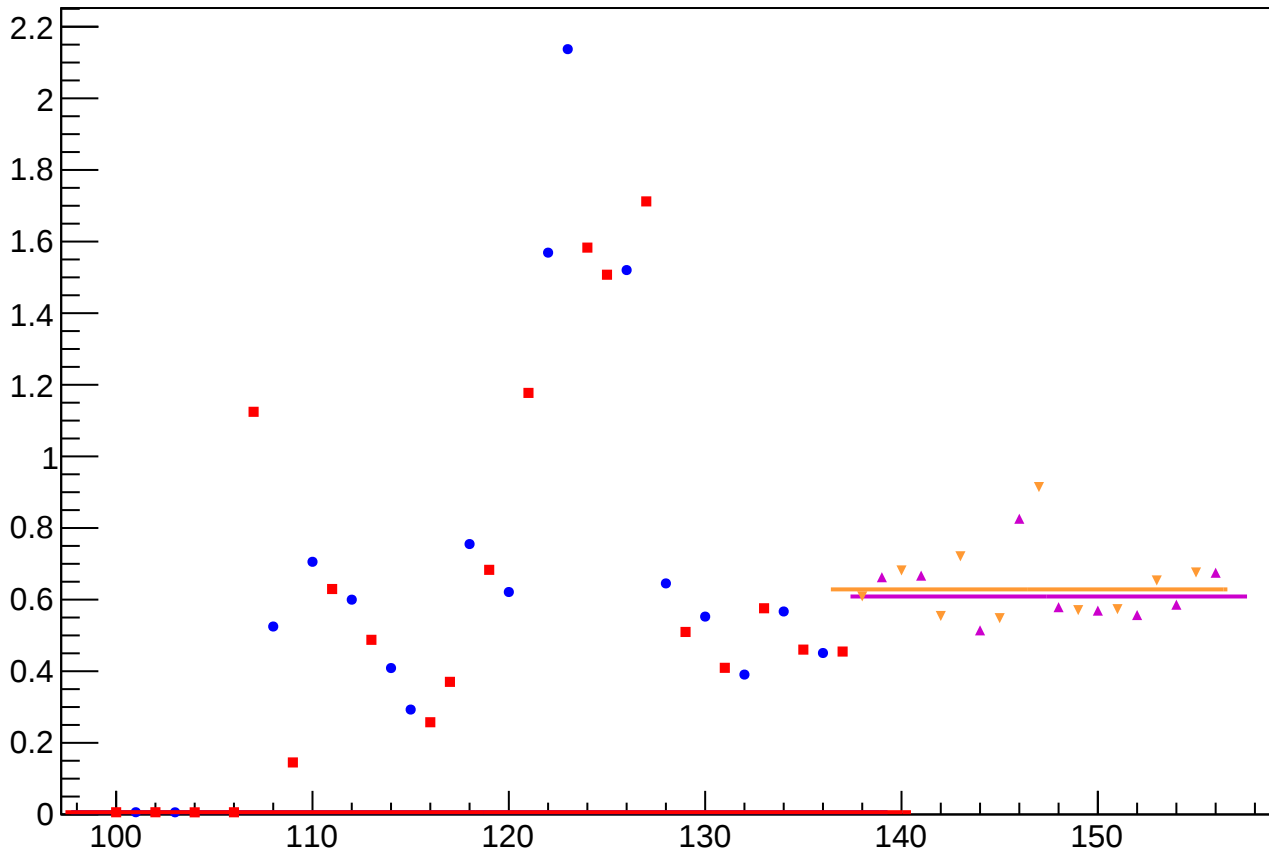
Left In: 145.895 +/- 0.000 χ^2/NDF : 24926671.5/8

402.857 +/- 0.000 χ^2/NDF : 1898141183506.0/20

402.775 +/- 0.000 χ^2/NDF : 587797853456

402.702 +/- 0.000 χ^2/NDF : 3979439928247.7/28

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2/NDF : 9161050.1/16

Left Out: 0.629 $\pm$ 0.000 χ^2/NDF : 175293.2/9

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 9277290.2/19

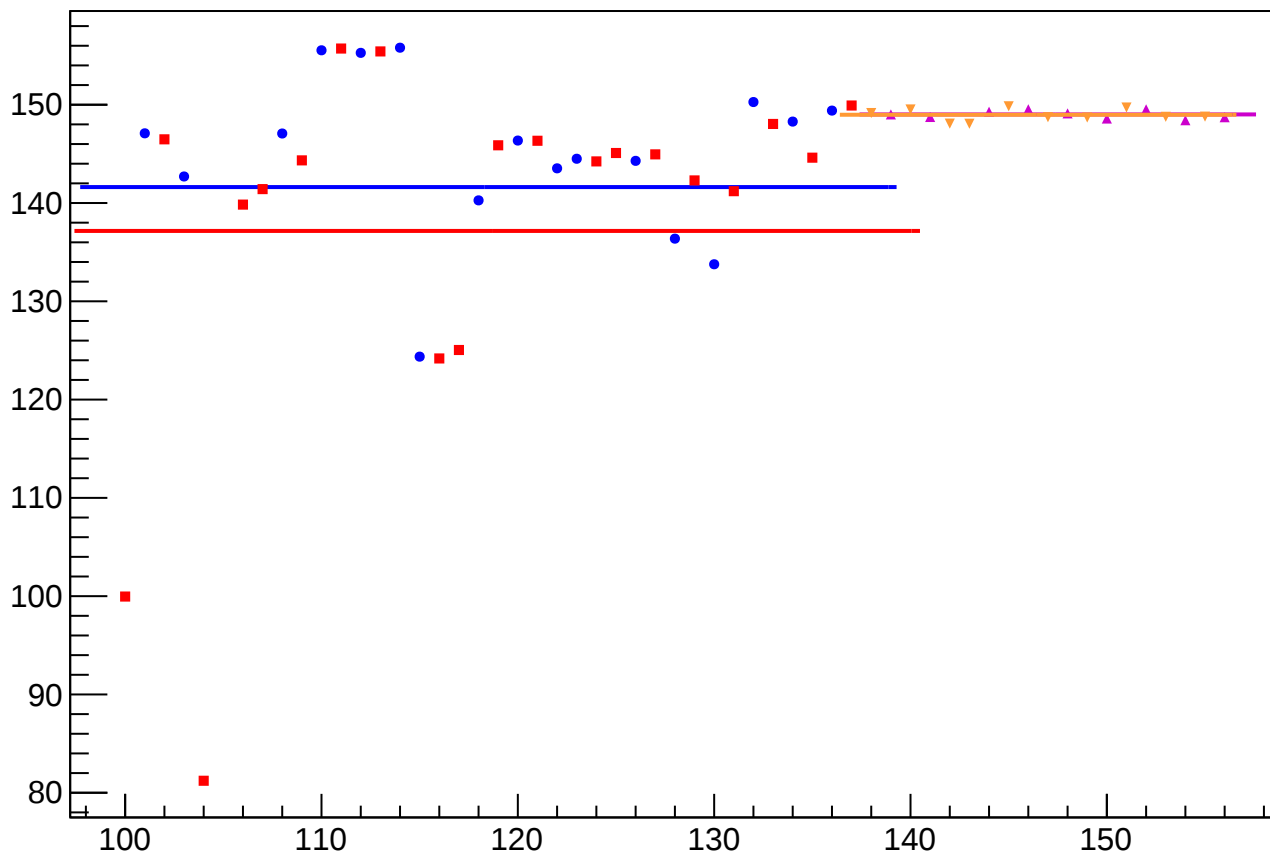
Left In: 0.609 $\pm$ 0.000 χ^2/NDF : 153529.2/8

0.007 $\pm$ 0.000 χ^2/NDF : 18752243.2/26

0.007 $\pm$ 0.000 χ^2/NDF : 37603845.8/55

0.007 $\pm$ 0.000 χ^2/NDF : 18851572.9/28

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 141.622 $\pm$ 0.000 χ^2 /NDF: 982037737.7/16

Left Out: 148.980 $\pm$ 0.000 χ^2 /NDF: 8504536.5/9

Right Out: 137.160 $\pm$ 0.000 χ^2 /NDF: 1365742338.8/19

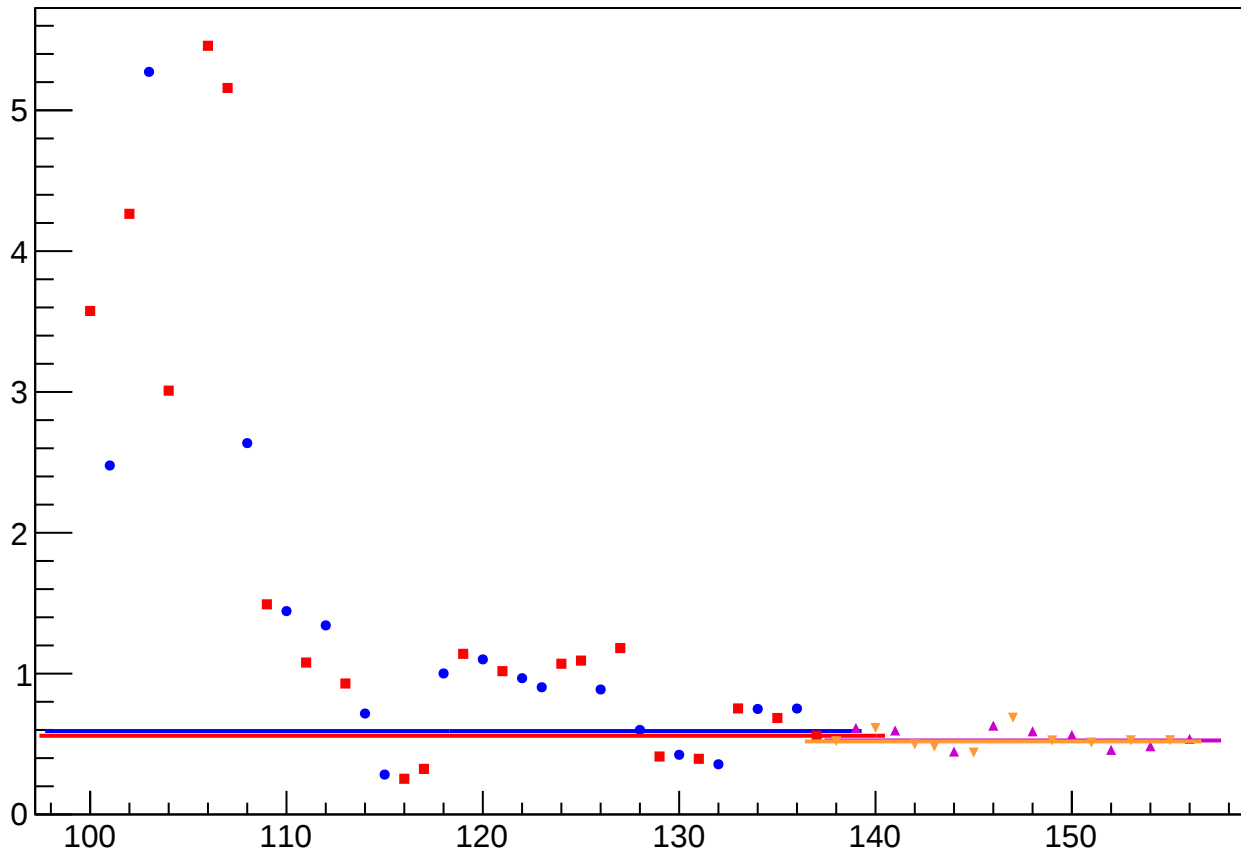
Left In: 149.014 $\pm$ 0.000 χ^2 /NDF: 3814777.9/8

146.724 $\pm$ 0.000 χ^2 /NDF: 1370428064.9/26

145.928 $\pm$ 0.000 χ^2 /NDF: 3818136255.8/26

145.146 $\pm$ 0.000 χ^2 /NDF: 2406272537.8/28

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.592+/-0.000 χ^2/NDF : 3521577.2/16

Left Out: 0.519+/-0.000 χ^2/NDF : 163834.6/9

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

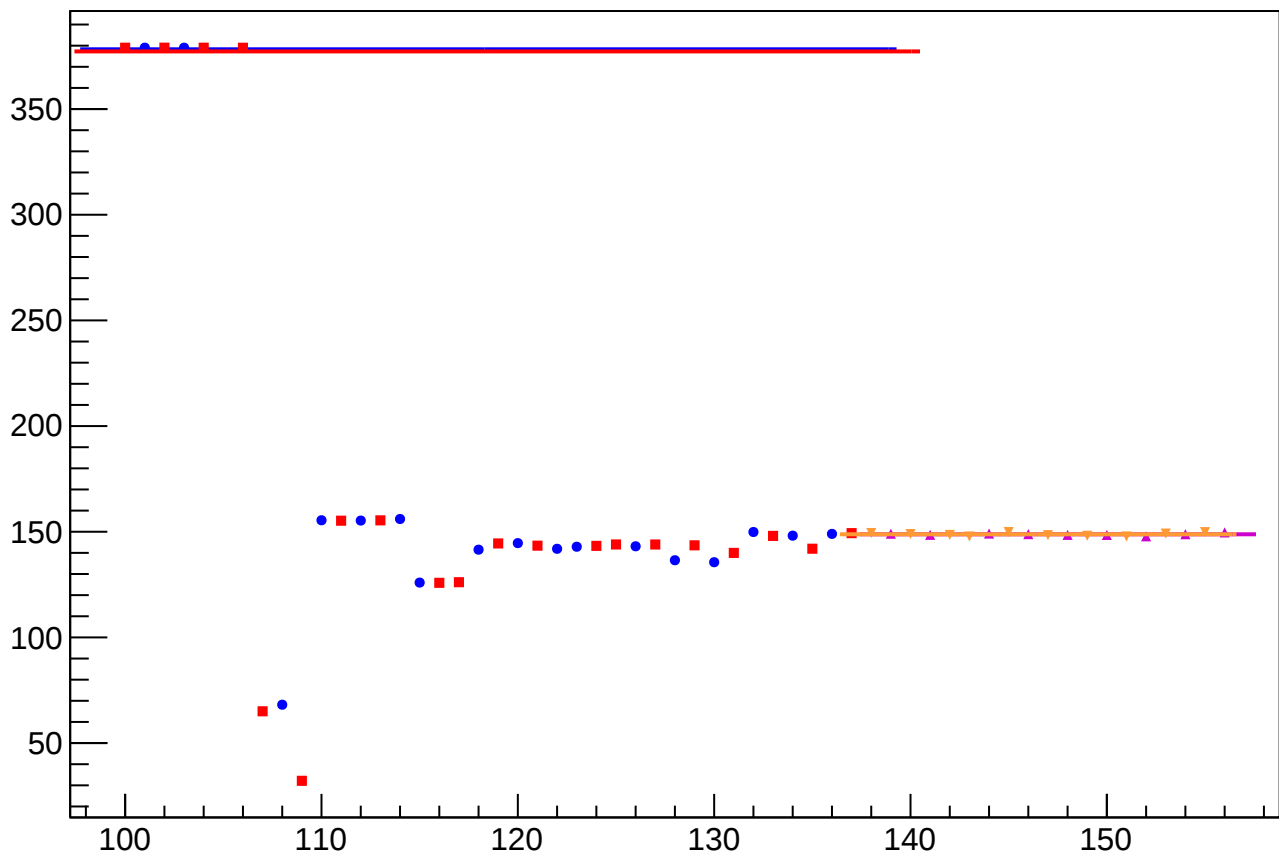
Left In: 0.525+/-0.000 χ^2/NDF : 191530.3/8

0.541+/-0.000 χ^2/NDF : 3761182.5/26

0.539+/-0.000 χ^2/NDF : 8690097.6/55

0.536+/-0.000 χ^2/NDF : 4928051.9/28

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.281+/-0.000 χ^2/NDF : 2512261599188.1/16

Left Out: 148.798+/-0.000 χ^2/NDF : 22771109.7/9

Right Out: 377.282+/-0.000 χ^2/NDF : 8306405788315.4/19

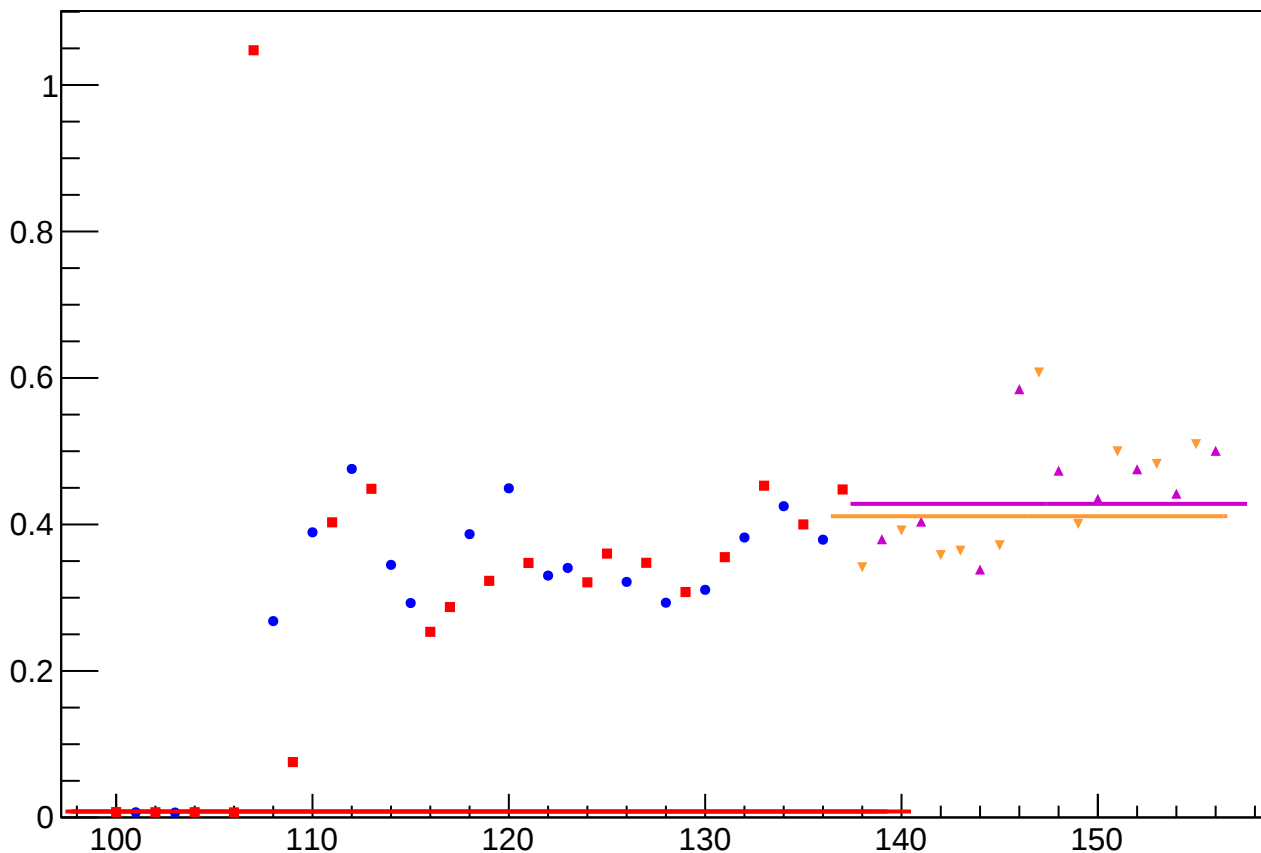
Left In: 148.794+/-0.000 χ^2/NDF : 7853455.4/8

377.582+/-0.000 χ^2/NDF : 4649144183584.5/20

377.120+/-0.000 χ^2/NDF : 149300935341

376.714+/-0.000 χ^2/NDF : 10275593159867.7/2

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 9885759.8/16

Left Out: 0.411 $\pm$ 0.000 χ^2 /NDF: 412769.1/9

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 9601959.4/19

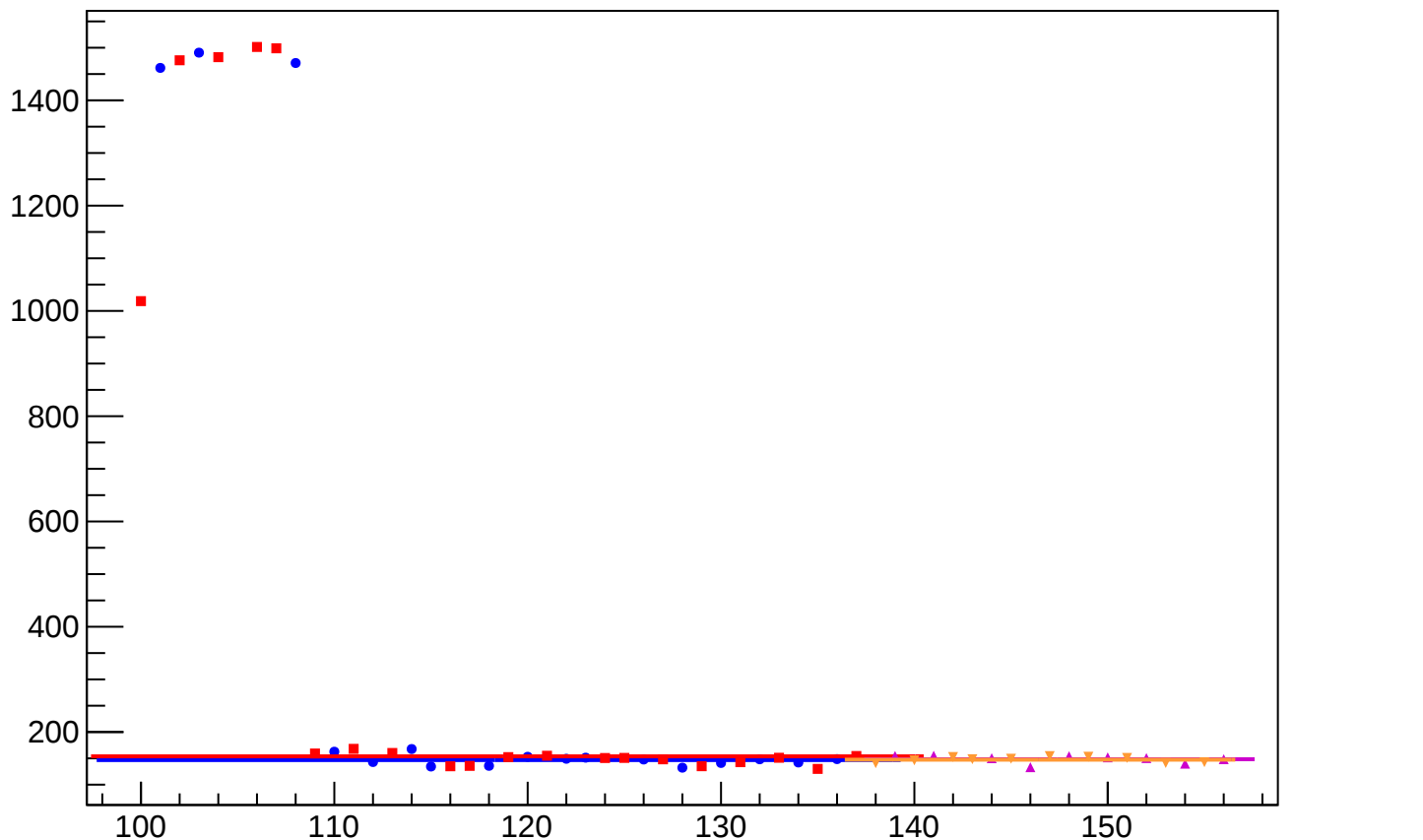
Left In: 0.428 $\pm$ 0.000 χ^2 /NDF: 322824.8/8

0.009 $\pm$ 0.000 χ^2 /NDF: 23484954.5/26

0.009 $\pm$ 0.000 χ^2 /NDF: 46717418.1/55

0.009 $\pm$ 0.000 χ^2 /NDF: 23232110.9/28

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 146.723+/-0.000 χ^2/NDF : 24350870553.3/16

Left Out: 147.456+/-0.000 χ^2/NDF : 182552239.8/9

Right Out: 153.818+/-0.000 χ^2/NDF : 33744777744.4/19

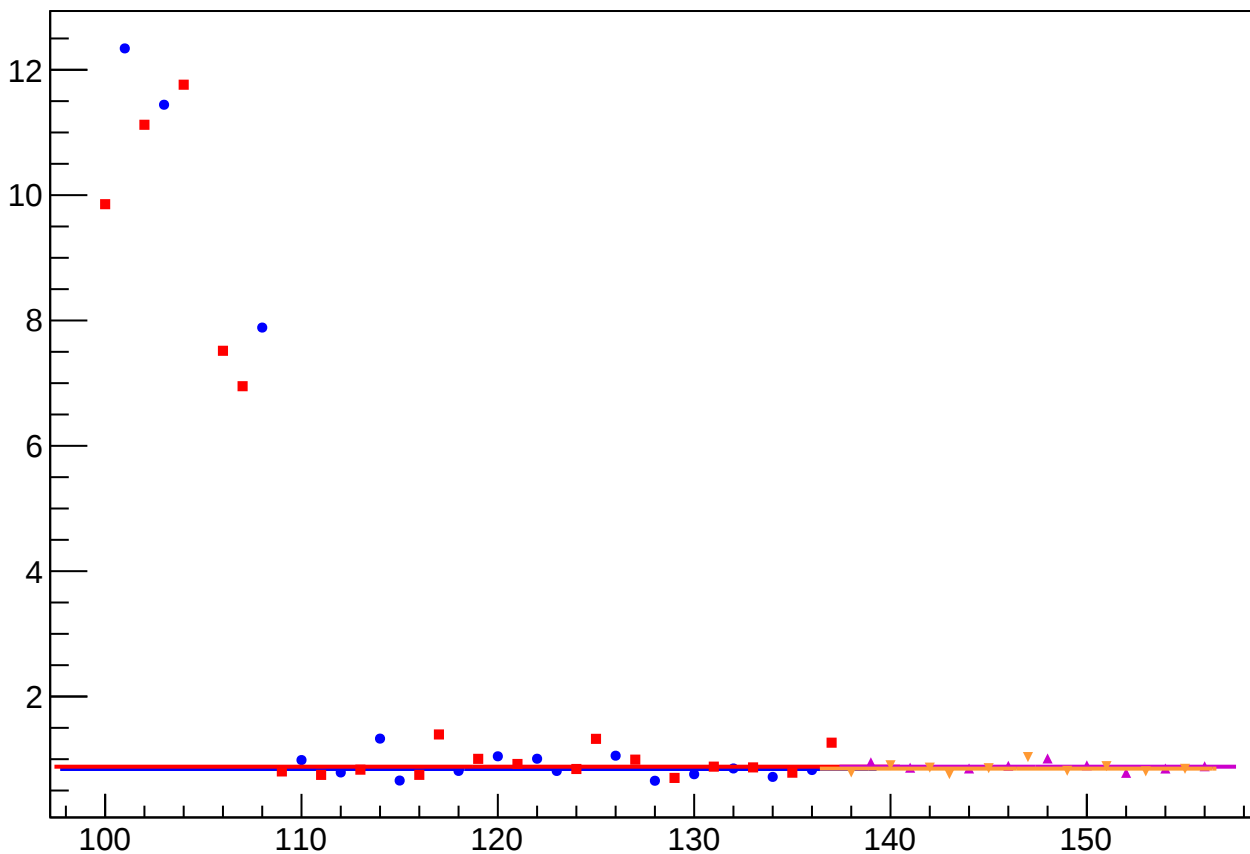
Left In: 148.296+/-0.000 χ^2/NDF : 362683600.3/8

147.160+/-0.000 χ^2/NDF : 24535137244.6/26

148.843+/-0.000 χ^2/NDF : 58813866334.1

150.580+/-0.000 χ^2/NDF : 34202408733.1/28

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.844 ± 0.000 χ^2/NDF : 2670470.7/16

Left Out: 0.849 ± 0.000 χ^2/NDF : 74276.8/9

Right Out: 0.880 ± 0.000 χ^2/NDF : 2823230.1/19

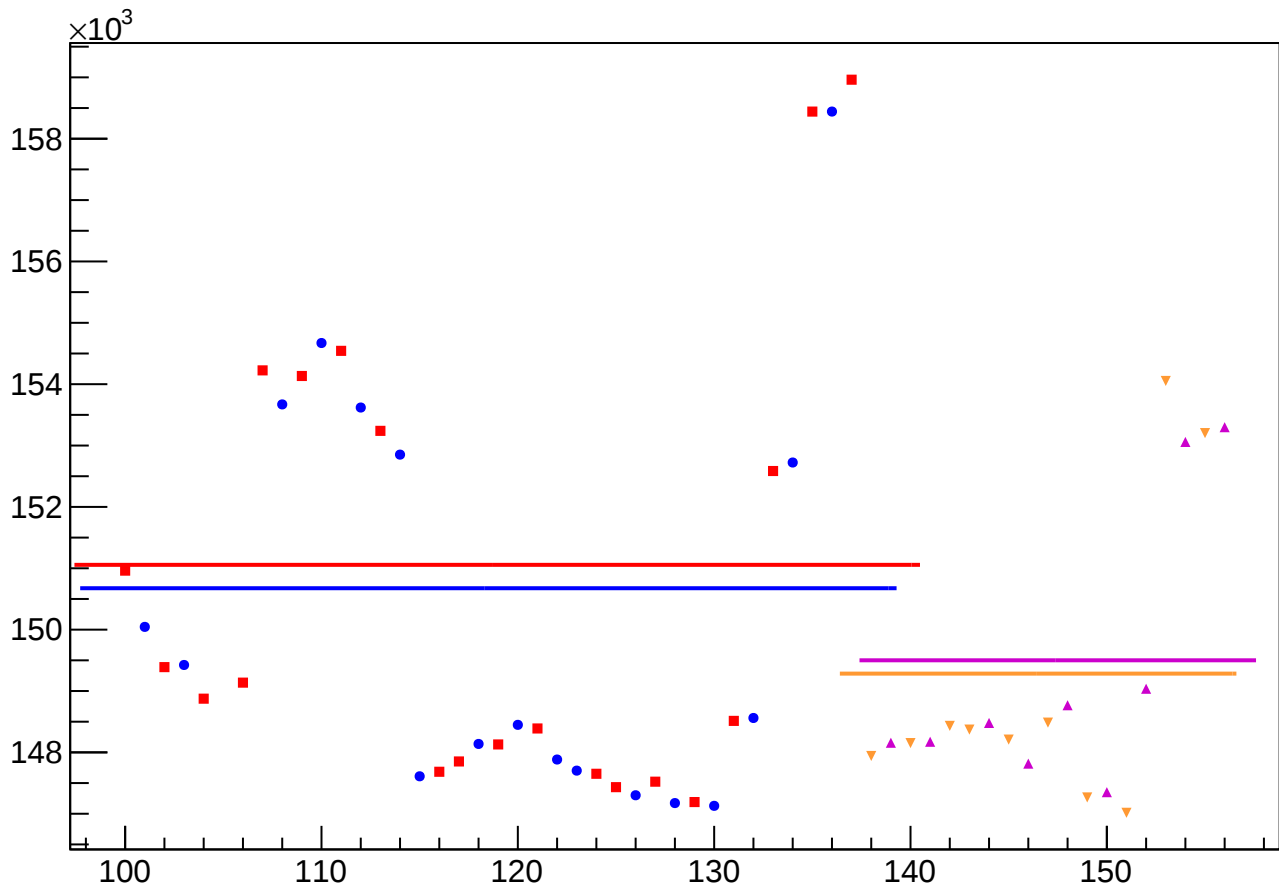
Left In: 0.880 ± 0.000 χ^2/NDF : 55203.4/8

0.847 ± 0.000 χ^2/NDF : 2744955.6/26

0.863 ± 0.000 χ^2/NDF : 5637787.5/55

0.880 ± 0.000 χ^2/NDF : 2878433.5/28

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150675.025 ± 0.063 $\chi^2/\text{NDF}: 3309974859.4/16$

Left Out: 149283.408 ± 0.069 $\chi^2/\text{NDF}: 1288060659.0/9$

Right Out: 151056.044 ± 0.059 $\chi^2/\text{NDF}: 3325519080.9/19$

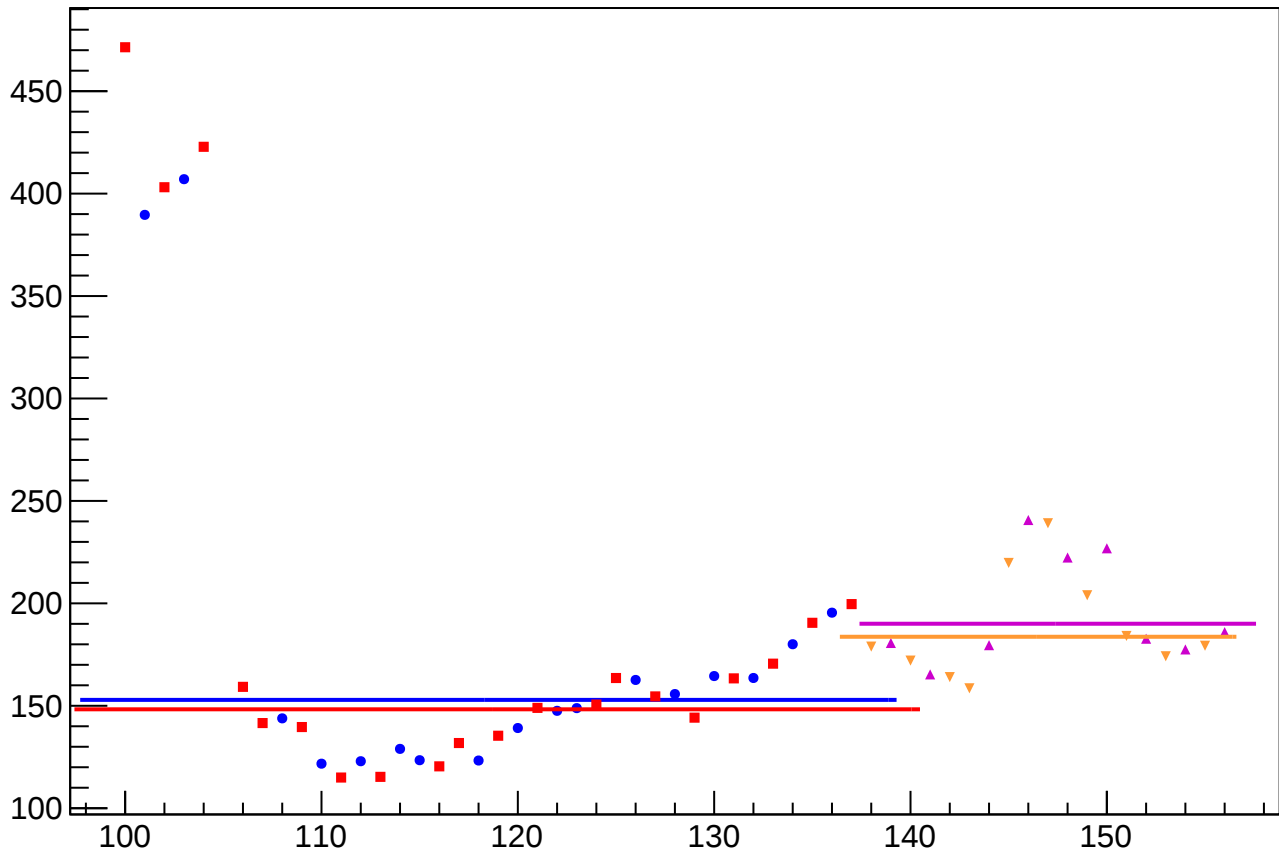
Left In: 149500.487 ± 0.071 $\chi^2/\text{NDF}: 898394291.7/8$

150039.906 ± 0.046 $\chi^2/\text{NDF}: 4820994530.8/20$

150232.264 ± 0.033 $\chi^2/\text{NDF}: 935945347.0/10$

150418.352 ± 0.046 $\chi^2/\text{NDF}: 4504677648.5/28$

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 152.883 +/- 0.045 χ^2/NDF : 1154088.7/16

Left Out: 183.691 +/- 0.049 χ^2/NDF : 199441.3/9

Right Out: 148.278 +/- 0.042 χ^2/NDF : 1192879.8/19

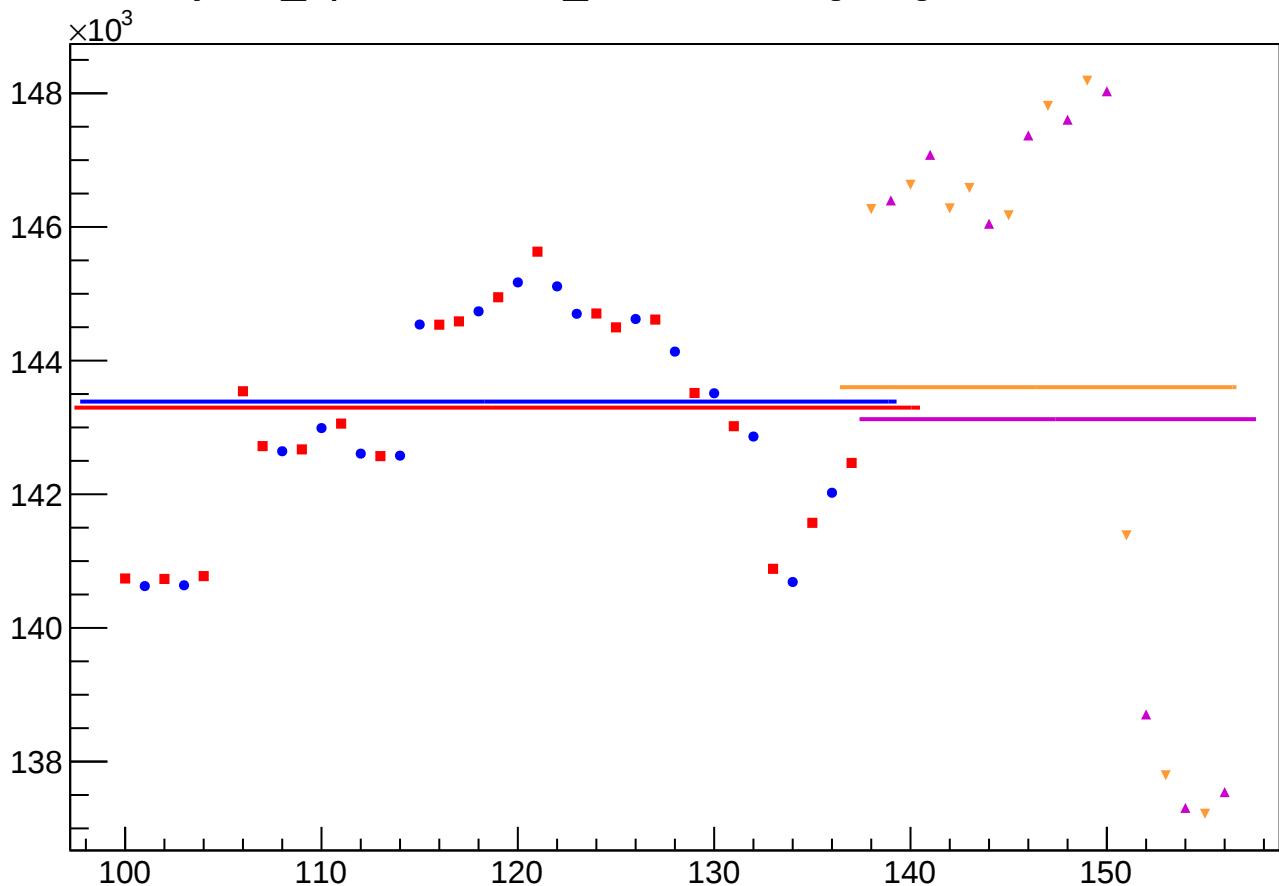
Left In: 190.050 +/- 0.050 χ^2/NDF : 207062.4/8

166.944 +/- 0.033 χ^2/NDF : 1572078.8/26

166.160 +/- 0.023 χ^2/NDF : 3378055.7/55

165.402 +/- 0.032 χ^2/NDF : 1804856.1/28

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143387.099 $\pm$ 0.053 χ^2 /NDF: 521299875.7/16

Left Out: 143602.312 $\pm$ 0.066 χ^2 /NDF: 3916962743.9/9

Right Out: 143296.790 $\pm$ 0.049 χ^2 /NDF: 615134284.0/19

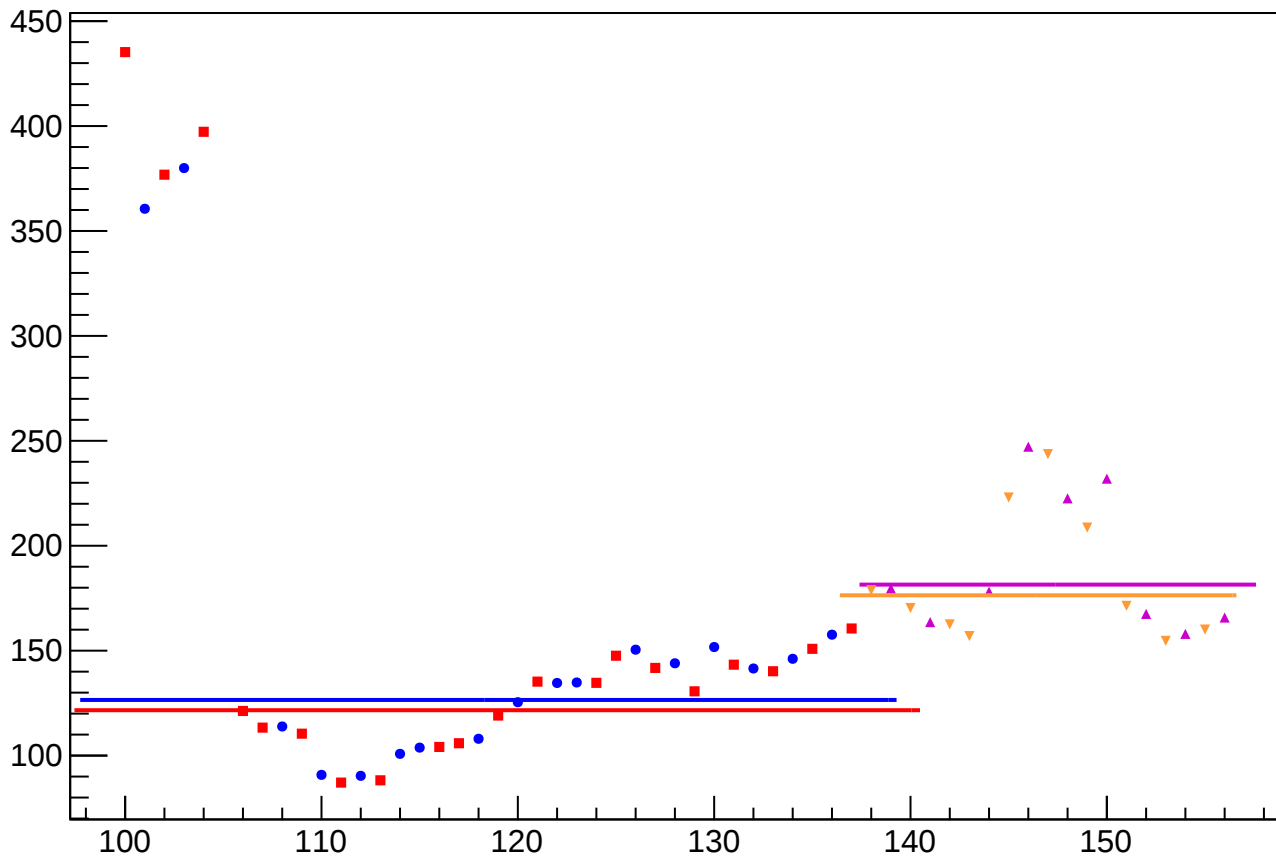
Left In: 143123.991 $\pm$ 0.068 χ^2 /NDF: 4422679811.0/8

143470.454 $\pm$ 0.041 χ^2 /NDF: 4444715920.4/26

143350.206 $\pm$ 0.029 χ^2 /NDF: 950312704

143238.475 $\pm$ 0.040 χ^2 /NDF: 5042032749.6/28

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 126.514 +/- 0.037 χ^2/NDF : 1441685.0/16

Left Out: 176.383 +/- 0.047 χ^2/NDF : 299417.5/9

Right Out: 121.625 +/- 0.035 χ^2/NDF : 1465763.8/19

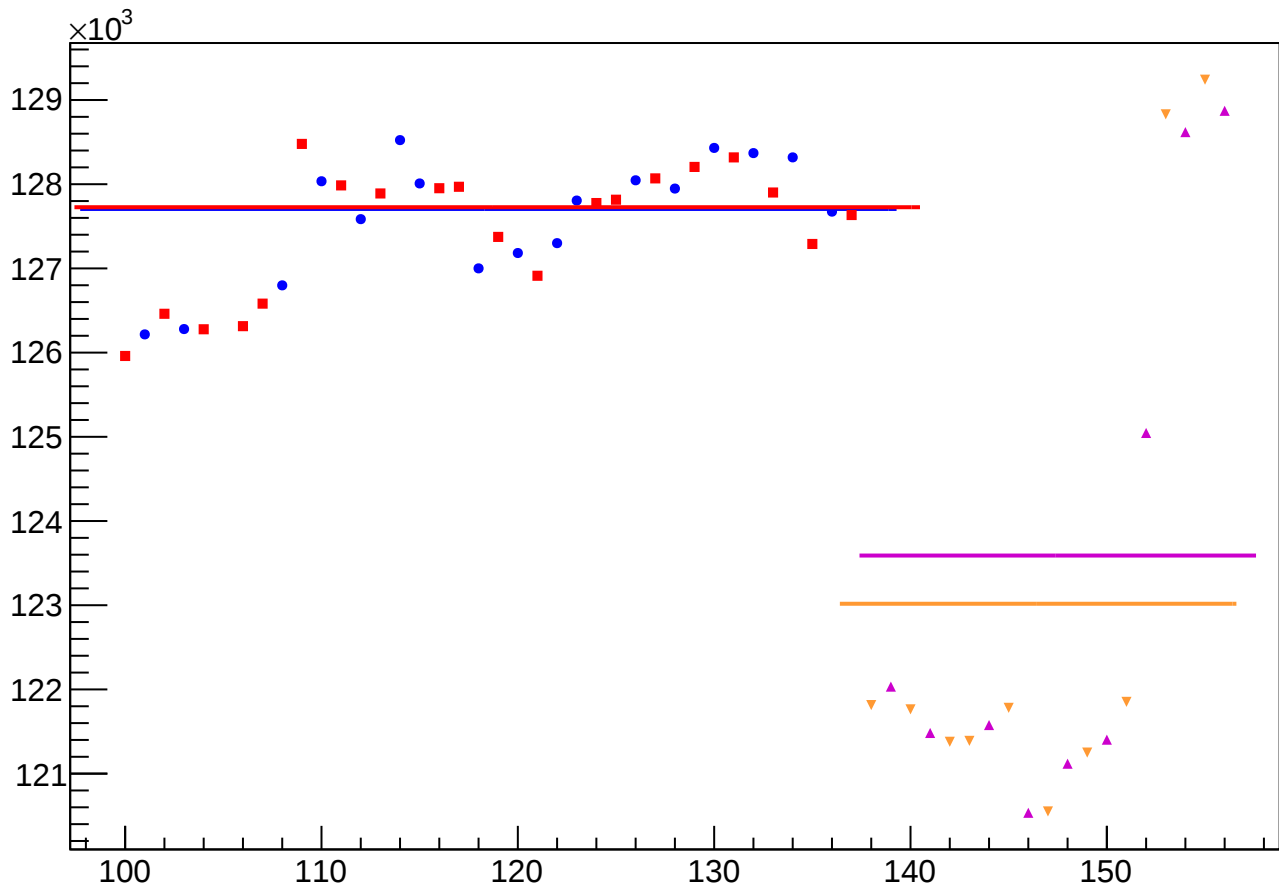
Left In: 181.474 +/- 0.048 χ^2/NDF : 327741.8/8

145.829 +/- 0.029 χ^2/NDF : 2434120.5/26

143.752 +/- 0.020 χ^2/NDF : 5249508.5/55

141.822 +/- 0.028 χ^2/NDF : 2805617.0/28

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127706.194 ± 0.058 $\chi^2/\text{NDF}: 97860521.1/16$

Left Out: 123017.382 ± 0.062 $\chi^2/\text{NDF}: 2340980886.1/9$

Right Out: 127726.708 ± 0.054 $\chi^2/\text{NDF}: 112816704.3/19$

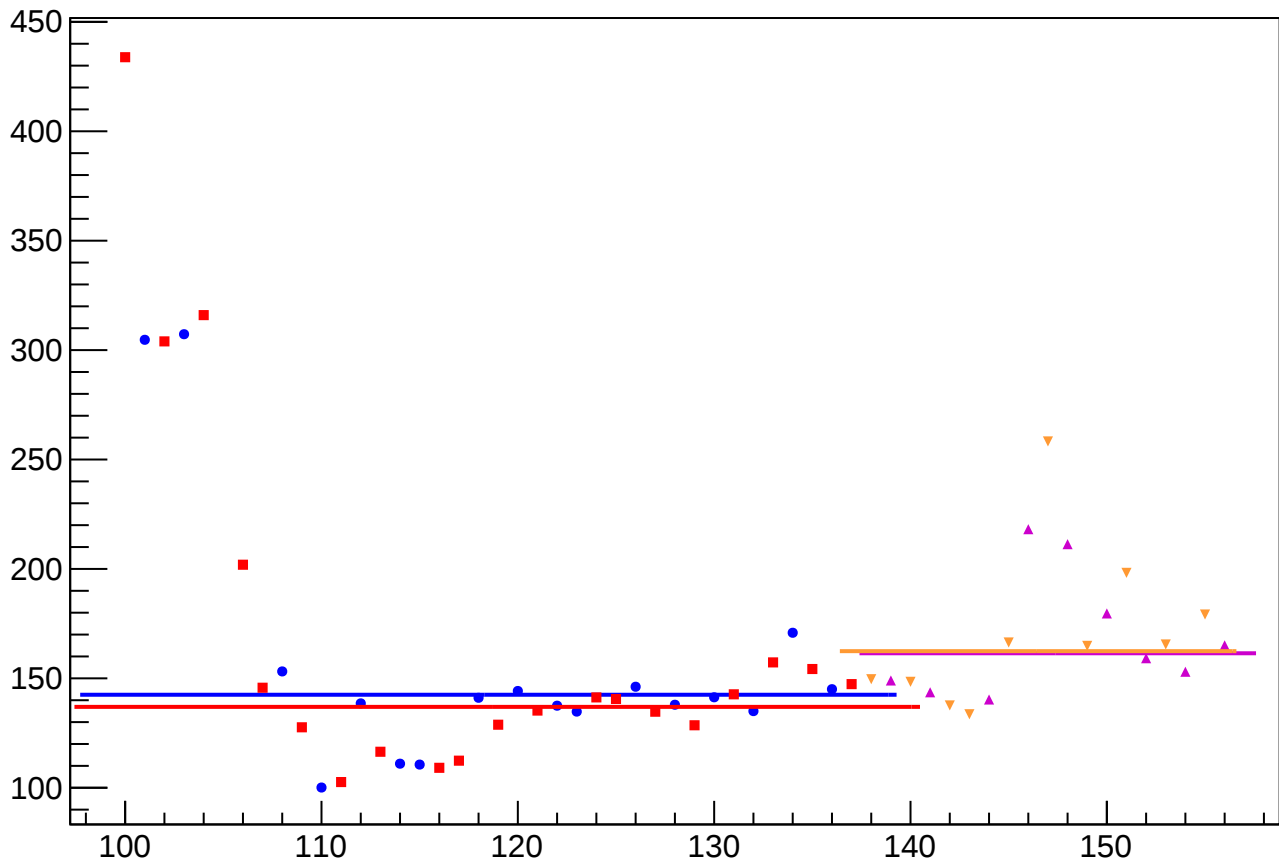
Left In: 123589.974 ± 0.061 $\chi^2/\text{NDF}: 2524427817.3/8$

125509.067 ± 0.042 $\chi^2/\text{NDF}: 5494993208.3/20$

125716.589 ± 0.029 $\chi^2/\text{NDF}: 107349331$

125907.637 ± 0.041 $\chi^2/\text{NDF}: 5193766099.2/28$

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.502 +/- 0.041 χ^2/NDF : 836263.7/16

Left Out: 162.421 +/- 0.044 χ^2/NDF : 387619.6/9

Right Out: 136.963 +/- 0.038 χ^2/NDF : 961465.0/19

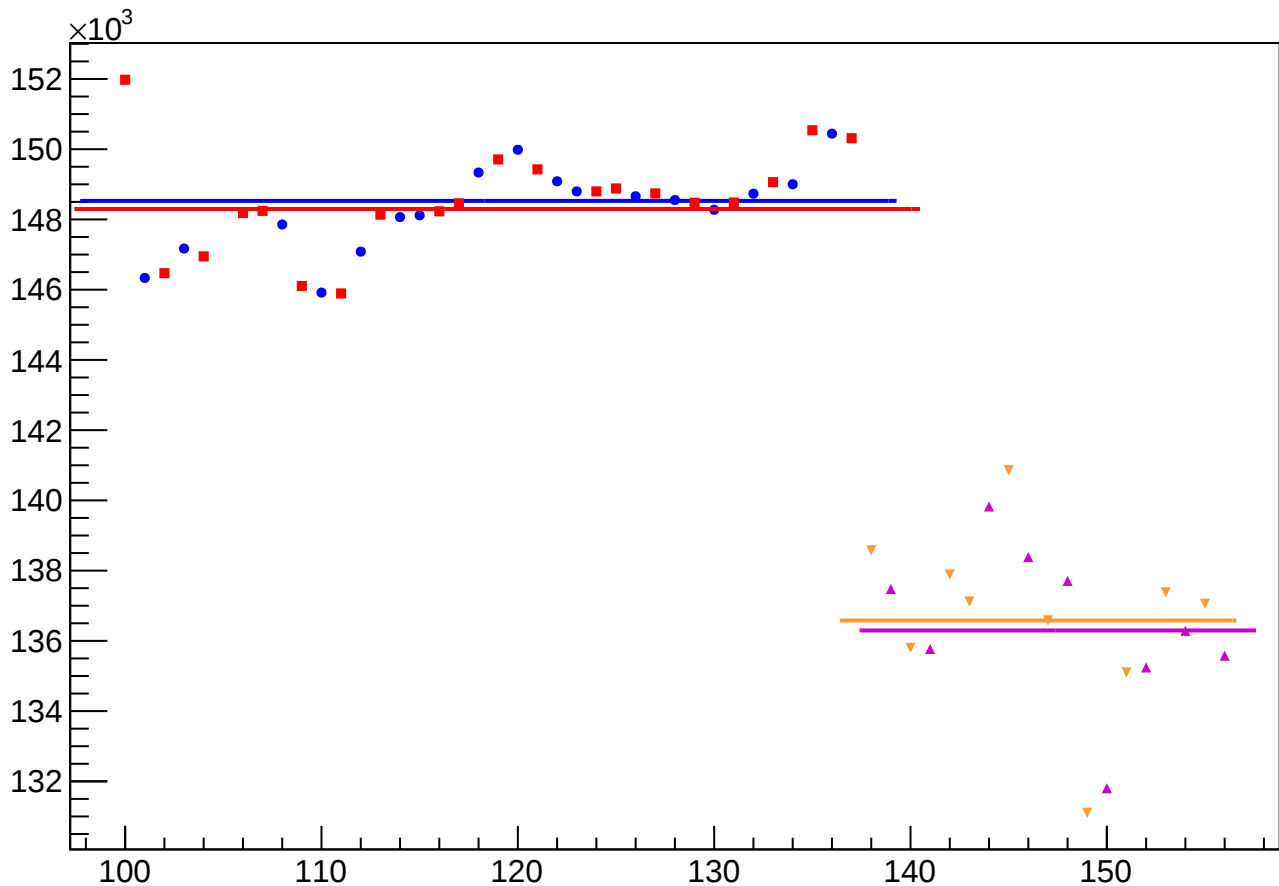
Left In: 161.456 +/- 0.043 χ^2/NDF : 287155.5/8

151.836 +/- 0.030 χ^2/NDF : 1334202.5/26

149.700 +/- 0.021 χ^2/NDF : 2771844.5/55

147.733 +/- 0.029 χ^2/NDF : 1427858.7/28

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 148528.851 $\pm$ 0.082 χ^2 /NDF: 209986594.2/16

Left Out: 136579.943 $\pm$ 0.093 χ^2 /NDF: 737610024.2/9

Right Out: 148298.586 $\pm$ 0.076 χ^2 /NDF: 293284830.9/19

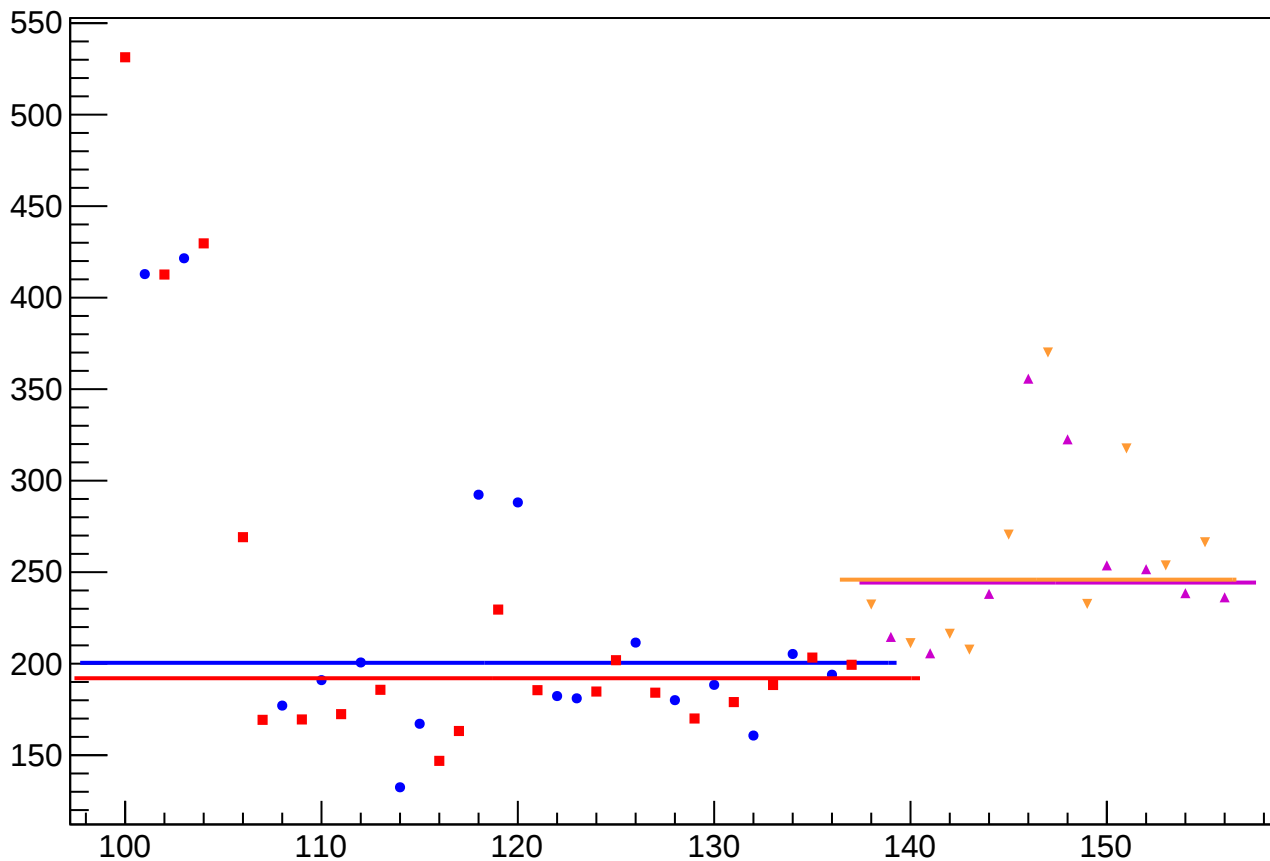
Left In: 136296.928 $\pm$ 0.092 χ^2 /NDF: 540835333.5/8

143302.085 $\pm$ 0.062 χ^2 /NDF: 10219834637.1/2

143380.727 $\pm$ 0.042 χ^2 /NDF: 211100566

143452.316 $\pm$ 0.059 χ^2 /NDF: 10887104110.6/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 200.472+/-0.058 χ^2/NDF : 936547.2/16

Left Out: 245.910+/-0.066 χ^2/NDF : 386410.9/9

Right Out: 192.040+/-0.054 χ^2/NDF : 847133.0/19

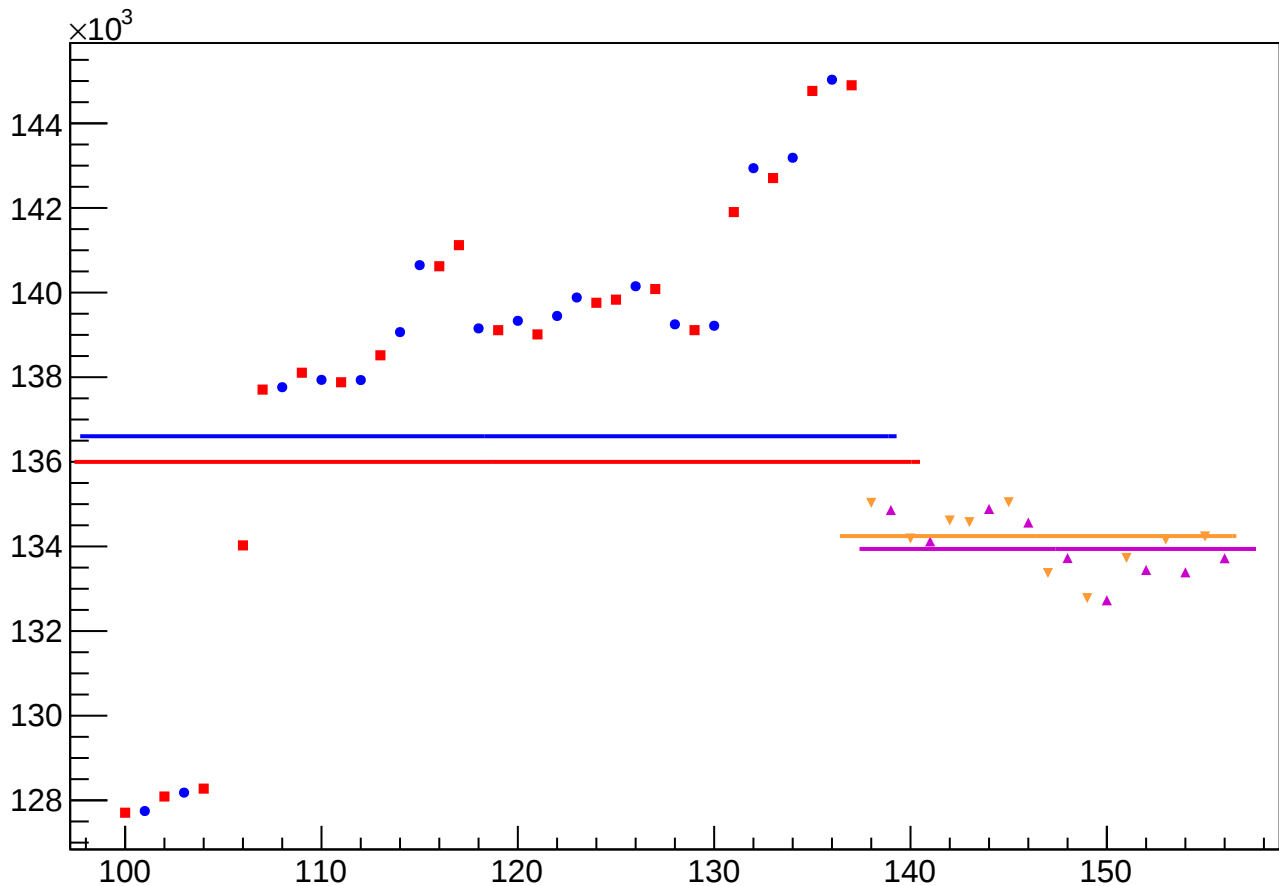
Left In: 244.318+/-0.065 χ^2/NDF : 336073.8/8

220.348+/-0.044 χ^2/NDF : 1591116.3/26

216.580+/-0.030 χ^2/NDF : 3170117.2/55

213.150+/-0.042 χ^2/NDF : 1564686.4/28

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 136604.632 $\pm$ 0.171 χ^2 /NDF: 1494354557.3/16

Left Out: 134244.997 $\pm$ 0.205 χ^2 /NDF: 10313278.6/9

Right Out: 135998.851 $\pm$ 0.182 χ^2 /NDF: 1084895879.4/19

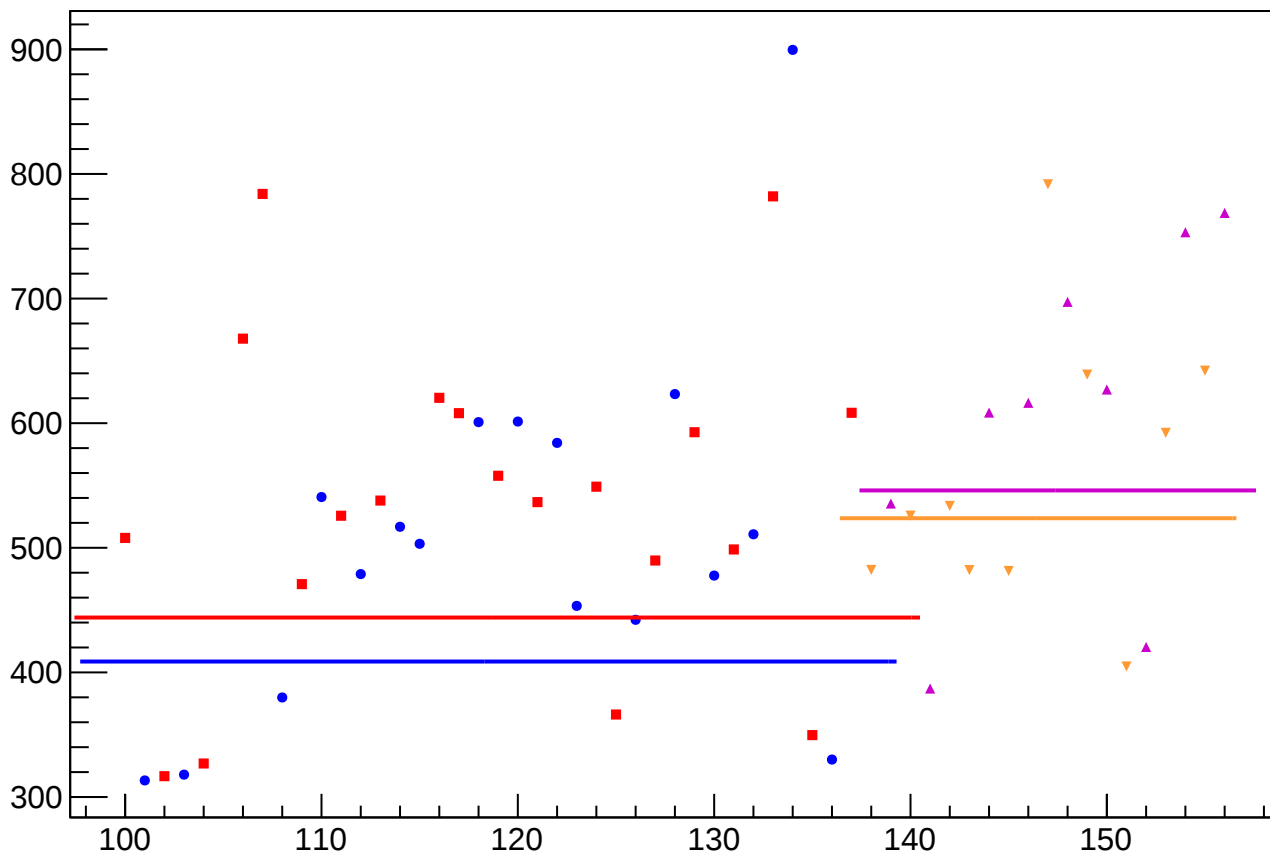
Left In: 133940.692 $\pm$ 0.224 χ^2 /NDF: 8703421.1/8

135634.754 $\pm$ 0.132 χ^2 /NDF: 1582533215.7/20

135422.676 $\pm$ 0.096 χ^2 /NDF: 273253127

135177.702 $\pm$ 0.141 χ^2 /NDF: 1144398563.4/28

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 408.729 $\pm$ 0.121 χ^2/NDF : 823262.8/16

Left Out: 523.723 $\pm$ 0.145 χ^2/NDF : 426707.2/9

Right Out: 444.034 $\pm$ 0.129 χ^2/NDF : 922545.8/19

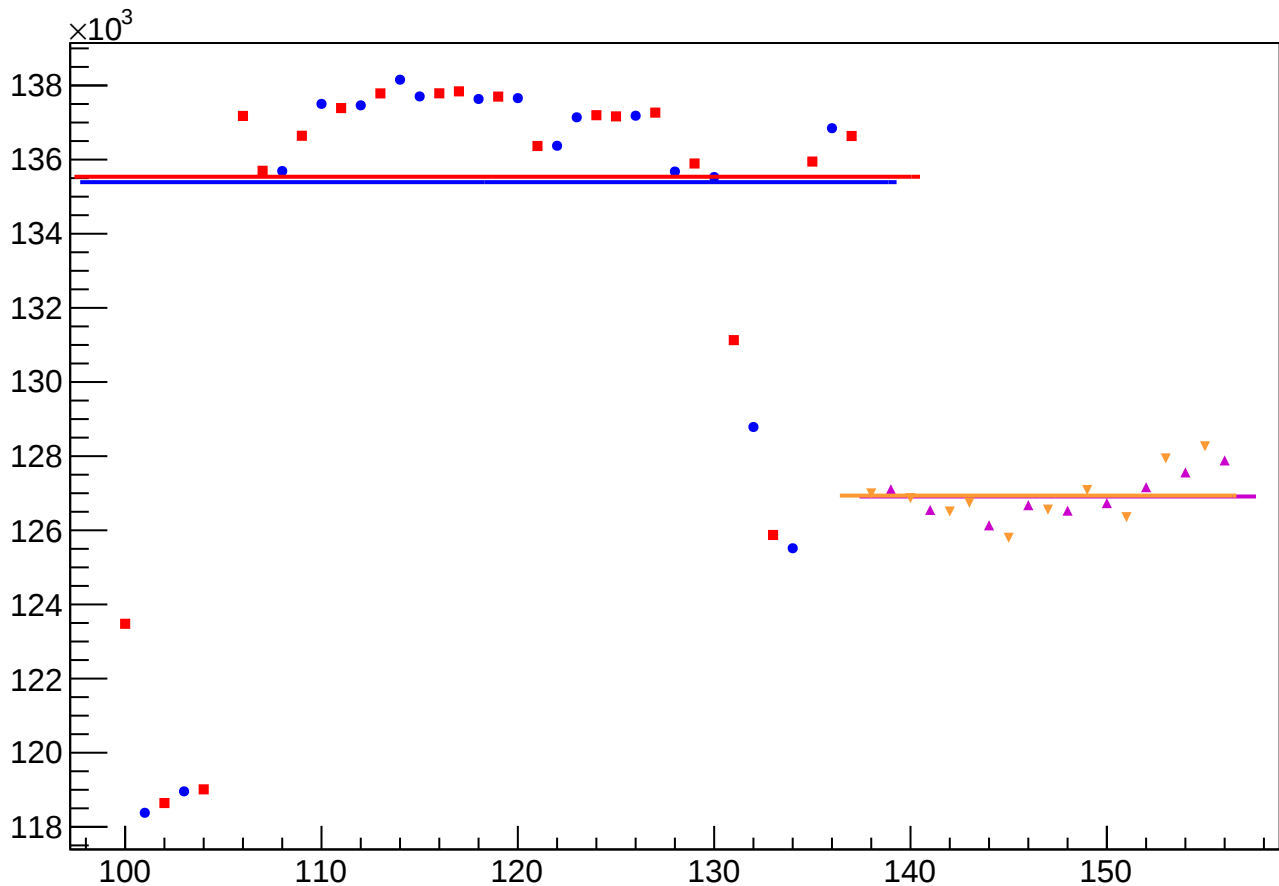
Left In: 546.040 $\pm$ 0.158 χ^2/NDF : 689040.3/8

455.995 $\pm$ 0.093 χ^2/NDF : 1619823.0/26

469.329 $\pm$ 0.068 χ^2/NDF : 3525246.2/55

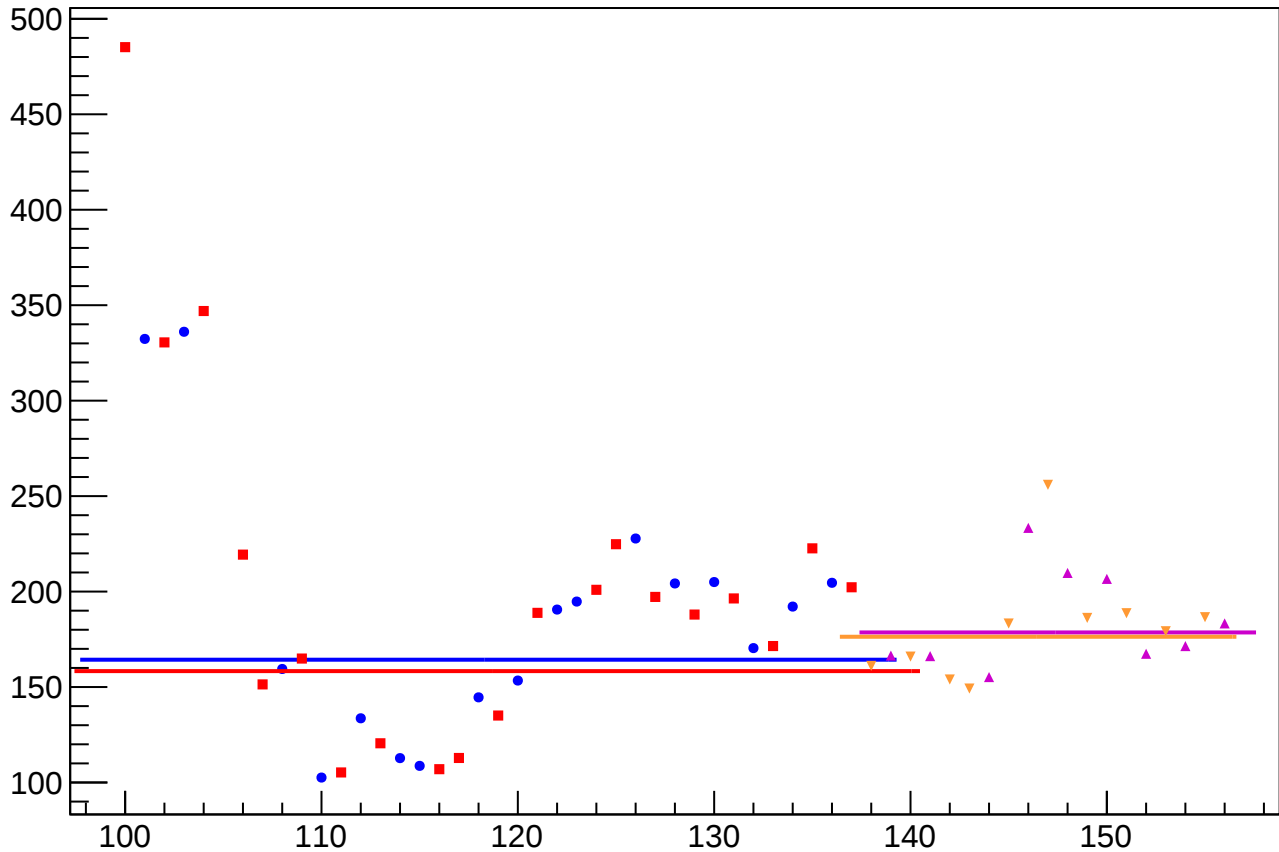
484.732 $\pm$ 0.100 χ^2/NDF : 1861152.2/28

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 135391.458 $\pm$ 0.068	χ^2 /NDF: 4580024611.0/16	131042.638 $\pm$ 0.048	χ^2 /NDF: 12576478172.7/2
Left Out: 126936.381 $\pm$ 0.066	χ^2 /NDF: 105889938.4/9	131247.820 $\pm$ 0.033	χ^2 /NDF: 260650101
Right Out: 135537.290 $\pm$ 0.064	χ^2 /NDF: 4748951957.4/19	131442.527 $\pm$ 0.046	χ^2 /NDF: 13452276842.0/2
Left In: 126911.963 $\pm$ 0.067	χ^2 /NDF: 65016045.9/8		

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 164.311+/-0.048 χ^2/NDF : 1230487.8/16

Left Out: 176.336+/-0.047 χ^2/NDF : 247773.8/9

Right Out: 158.336+/-0.045 χ^2/NDF : 1398323.7/19

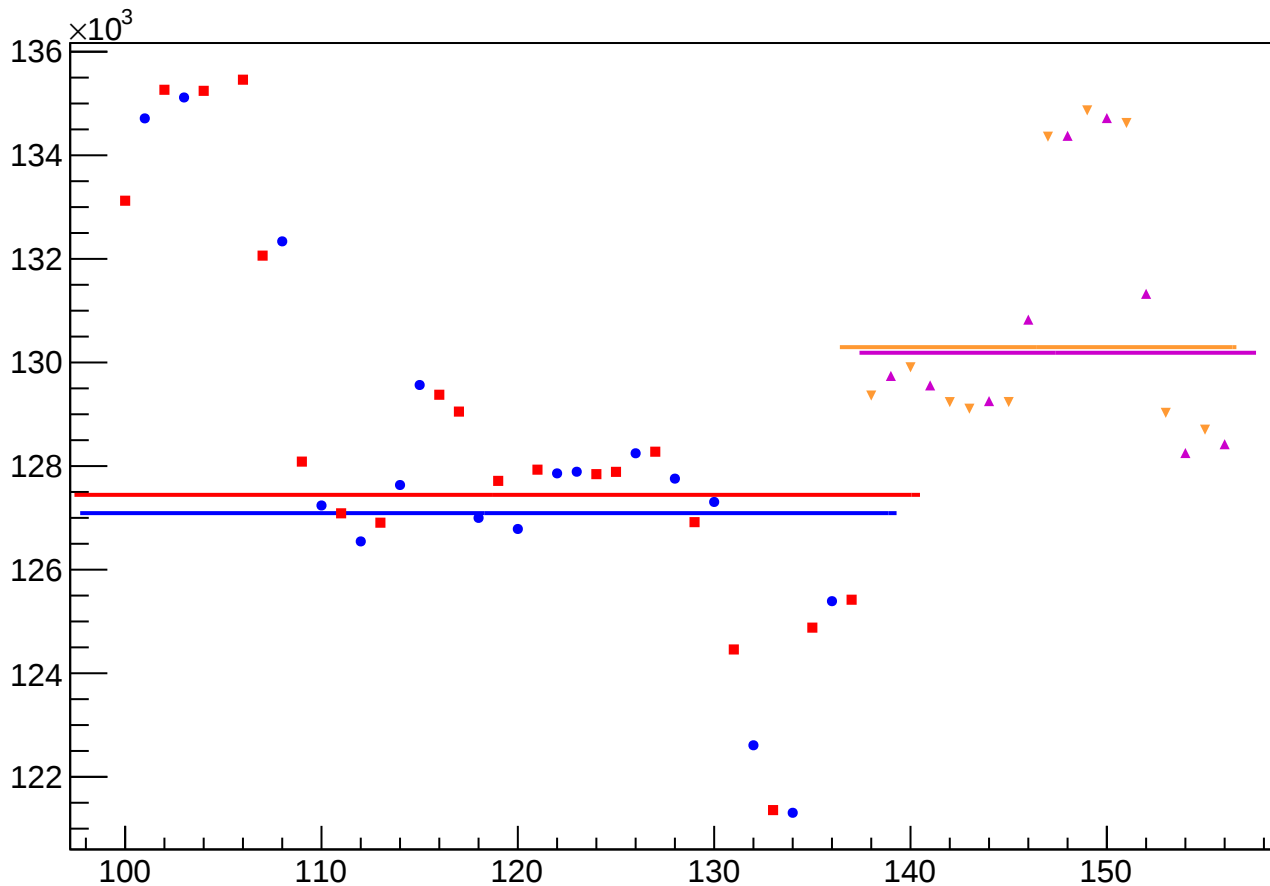
Left In: 178.594+/-0.048 χ^2/NDF : 218269.7/8

170.496+/-0.034 χ^2/NDF : 1510180.3/26

169.191+/-0.023 χ^2/NDF : 3225002.3/55

167.953+/-0.033 χ^2/NDF : 1711890.7/28

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 127091.500 $\pm$ 0.066 χ^2 /NDF: 1717208780.6/16

Left Out: 130296.144 $\pm$ 0.068 χ^2 /NDF: 1034901321.6/9

Right Out: 127444.472 $\pm$ 0.061 χ^2 /NDF: 2082646787.7/19

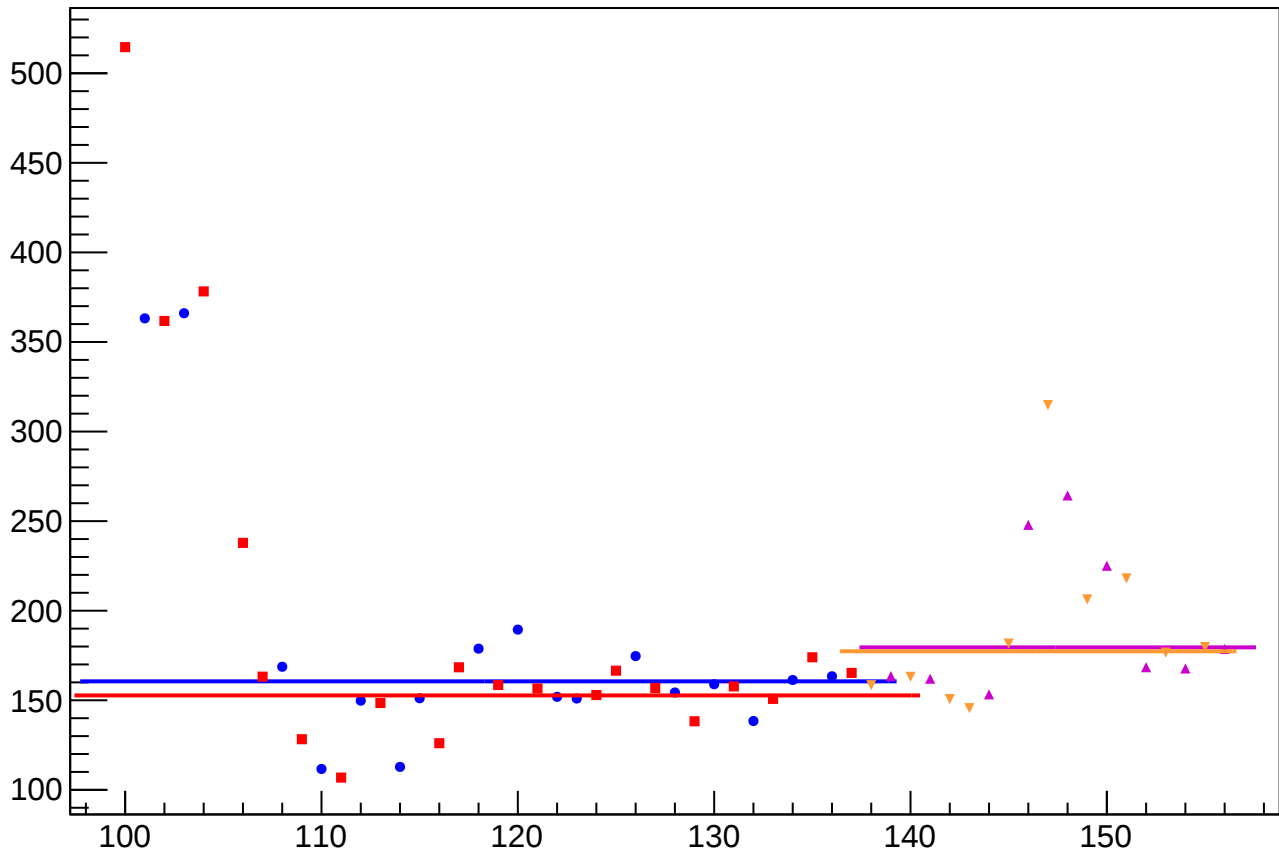
Left In: 130187.609 $\pm$ 0.068 χ^2 /NDF: 814190121.4/8

128663.424 $\pm$ 0.047 χ^2 /NDF: 3897987979.7/20

128667.652 $\pm$ 0.033 χ^2 /NDF: 768815567

128671.584 $\pm$ 0.046 χ^2 /NDF: 3790152289.0/28

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 160.564 +/- 0.047 χ^2/NDF : 942747.0/16

Left Out: 177.347 +/- 0.048 χ^2/NDF : 499336.3/9

Right Out: 152.711 +/- 0.043 χ^2/NDF : 1087186.3/19

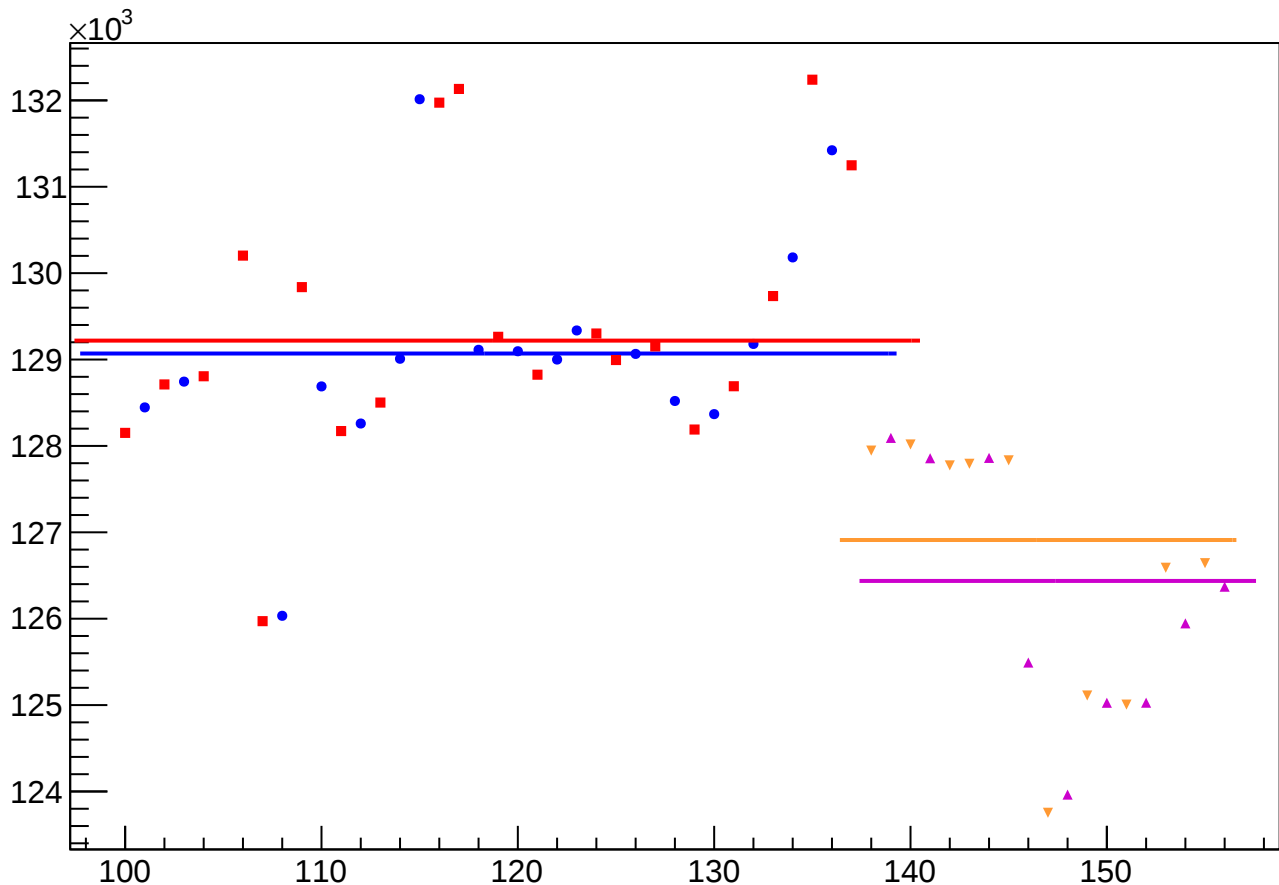
Left In: 179.532 +/- 0.048 χ^2/NDF : 446202.5/8

168.796 +/- 0.033 χ^2/NDF : 1504935.3/26

166.678 +/- 0.023 χ^2/NDF : 3216860.9/55

164.709 +/- 0.032 χ^2/NDF : 1704195.4/28

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129069.668 $\pm$ 0.060 χ^2/NDF : 476692316.5/16

Left Out: 126910.963 $\pm$ 0.064 χ^2/NDF : 402078452.9/9

Right Out: 129219.072 $\pm$ 0.056 χ^2/NDF : 660468184.1/19

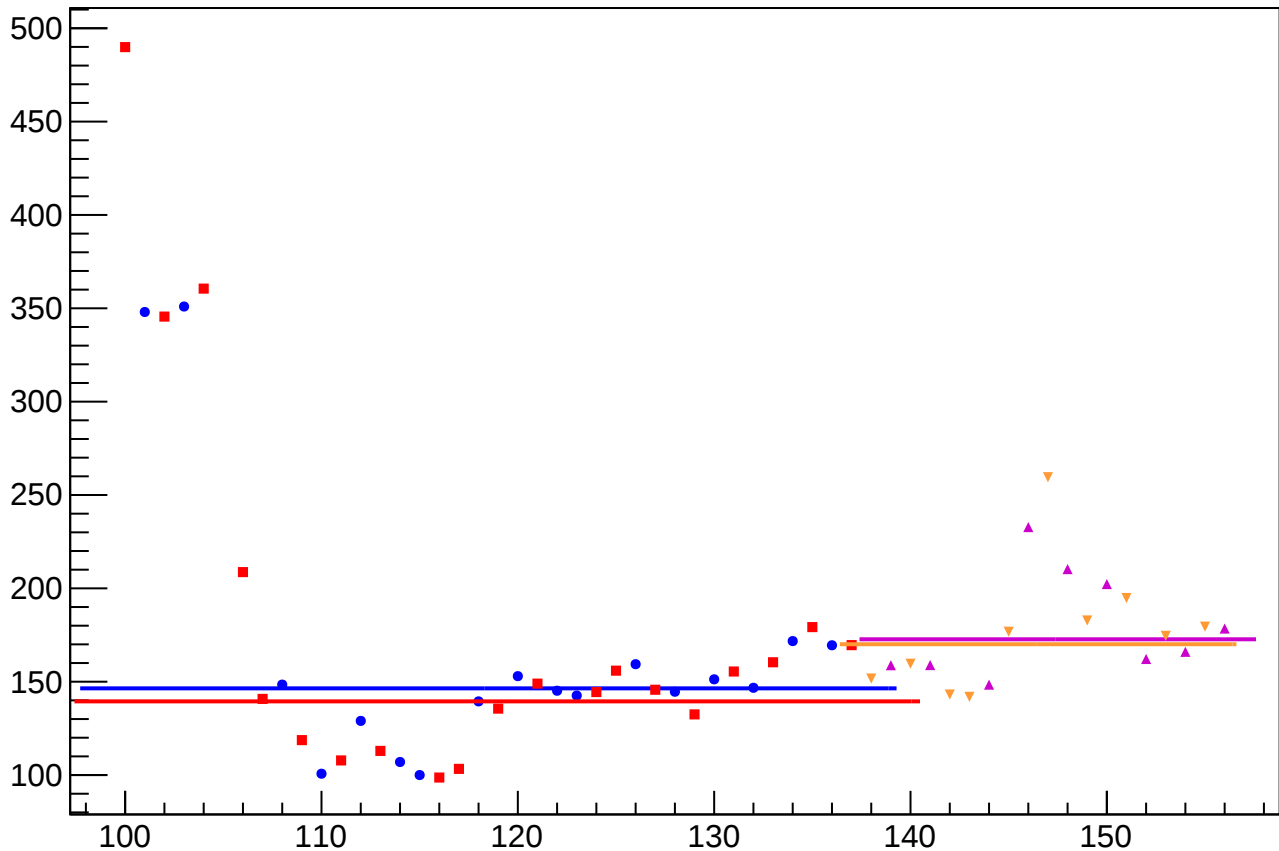
Left In: 126437.109 $\pm$ 0.065 χ^2/NDF : 448255549.1/8

128060.020 $\pm$ 0.044 χ^2/NDF : 1480779187.0/20

128051.462 $\pm$ 0.030 χ^2/NDF : 364230673

128043.496 $\pm$ 0.042 χ^2/NDF : 2161454170.2/28

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 146.437+/-0.043 χ^2/NDF : 1064791.0/16

Left Out: 170.069+/-0.045 χ^2/NDF : 332932.6/9

Right Out: 139.468+/-0.039 χ^2/NDF : 1214310.8/19

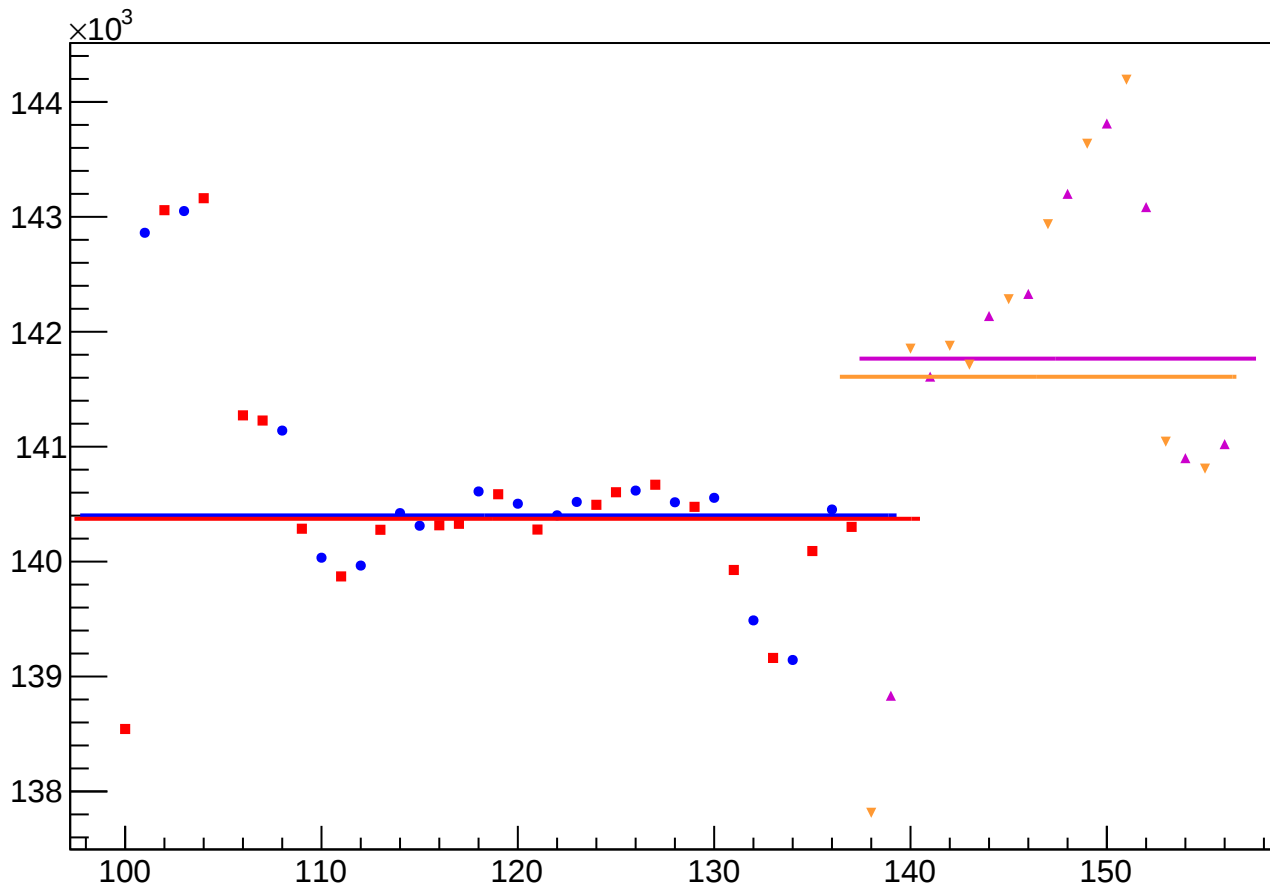
Left In: 172.720+/-0.046 χ^2/NDF : 270254.6/8

157.490+/-0.031 χ^2/NDF : 1542018.5/26

155.434+/-0.022 χ^2/NDF : 3335867.6/55

153.519+/-0.030 χ^2/NDF : 1785372.1/28

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 140402.010 $\pm$ 0.064 χ^2 /NDF: 88071774.7/16

Left Out: 141608.464 $\pm$ 0.075 χ^2 /NDF: 550653540.4/9

Right Out: 140372.636 $\pm$ 0.059 χ^2 /NDF: 99861038.9/19

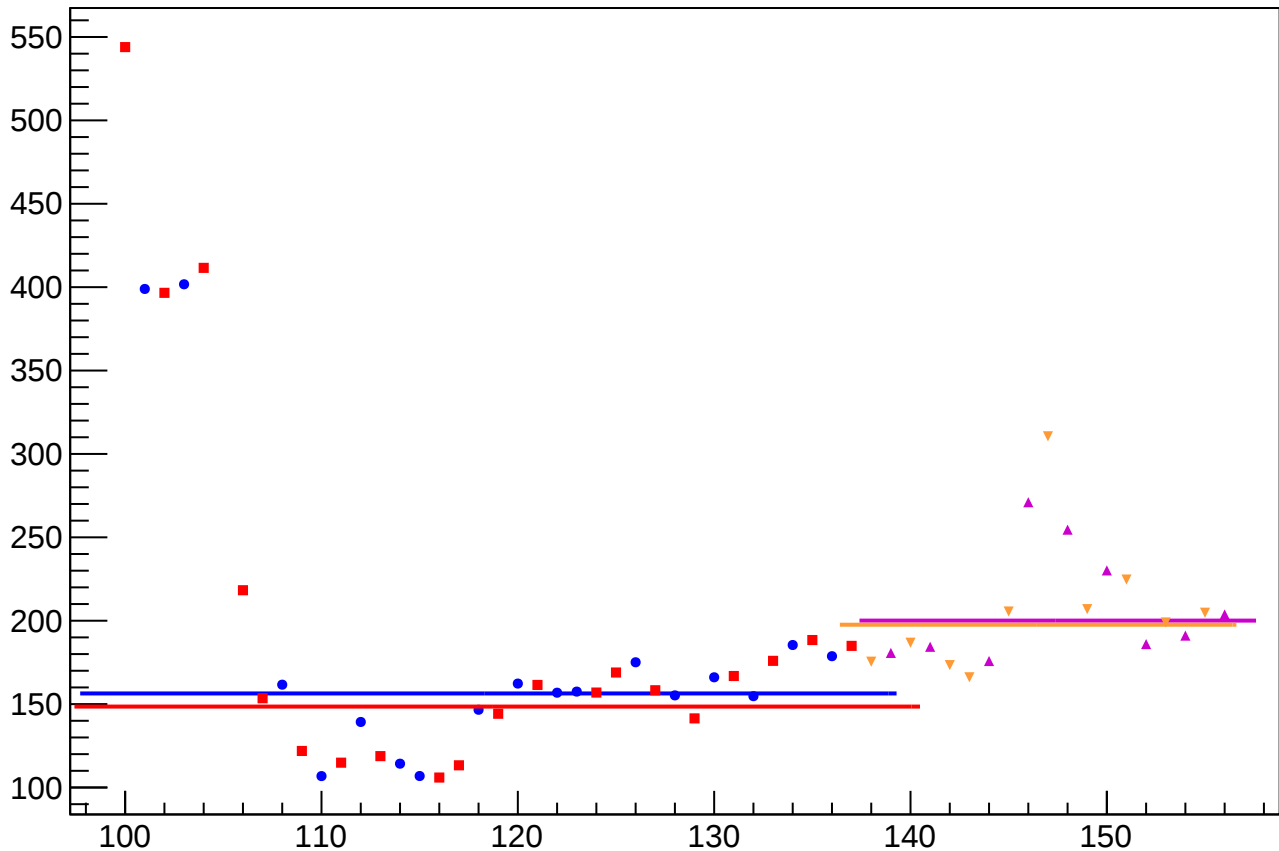
Left In: 141766.229 $\pm$ 0.076 χ^2 /NDF: 344878746.9/8

140915.031 $\pm$ 0.049 χ^2 /NDF: 788203829.1/26

140909.997 $\pm$ 0.034 χ^2 /NDF: 144272271

140905.371 $\pm$ 0.047 χ^2 /NDF: 654498454.4/28

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 156.394 +/- 0.046 χ^2/NDF : 1154804.2/16

Left Out: 197.604 +/- 0.053 χ^2/NDF : 325616.8/9

Right Out: 148.524 +/- 0.042 χ^2/NDF : 1316113.9/19

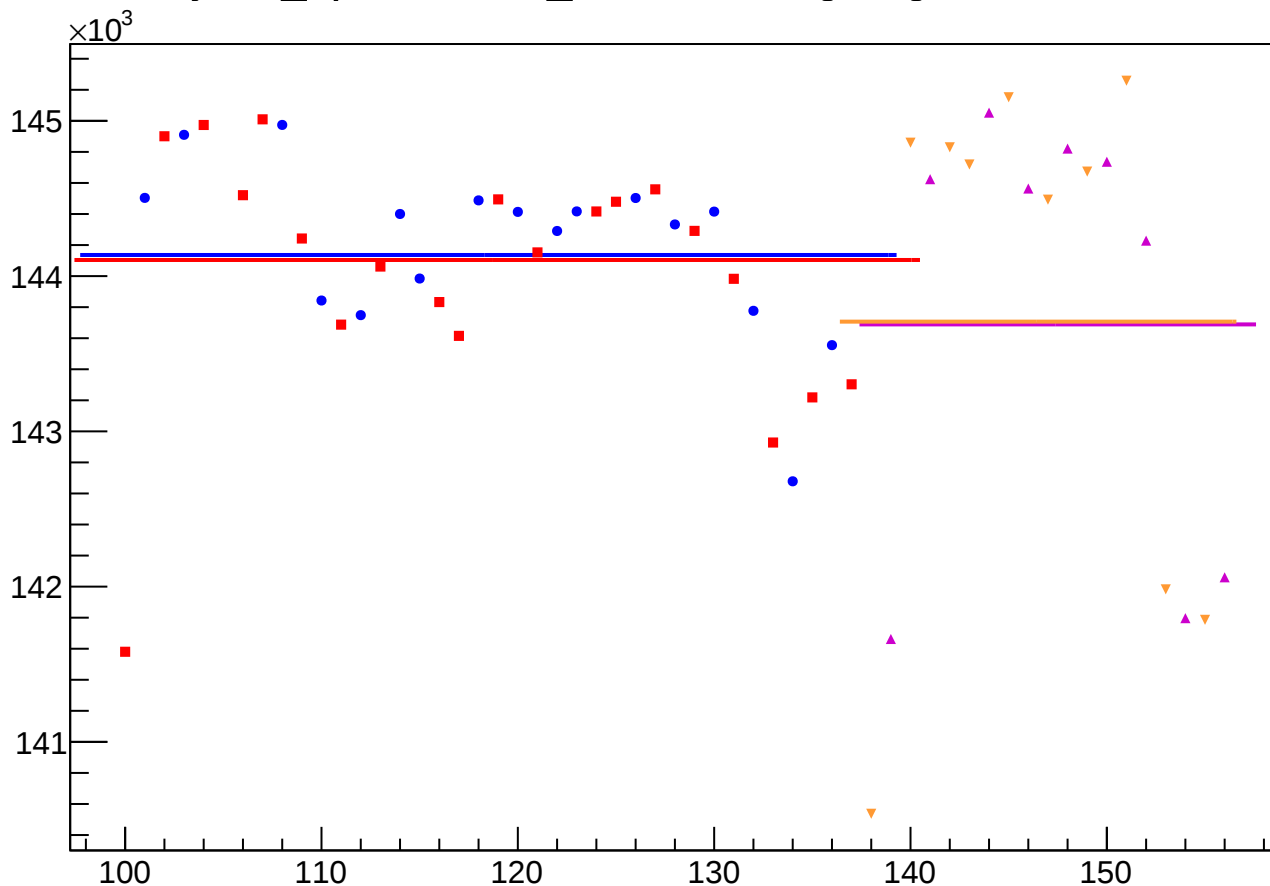
Left In: 200.072 +/- 0.053 χ^2/NDF : 281081.2/8

173.917 +/- 0.034 χ^2/NDF : 1829235.4/26

170.953 +/- 0.024 χ^2/NDF : 4014592.1/55

168.230 +/- 0.033 χ^2/NDF : 2171187.3/28

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144136.118 $\pm$ 0.067 χ^2 /NDF: 47069480.3/16

Left Out: 143706.791 $\pm$ 0.074 χ^2 /NDF: 525312752.8/9

Right Out: 144103.887 $\pm$ 0.062 χ^2 /NDF: 65973087.5/19

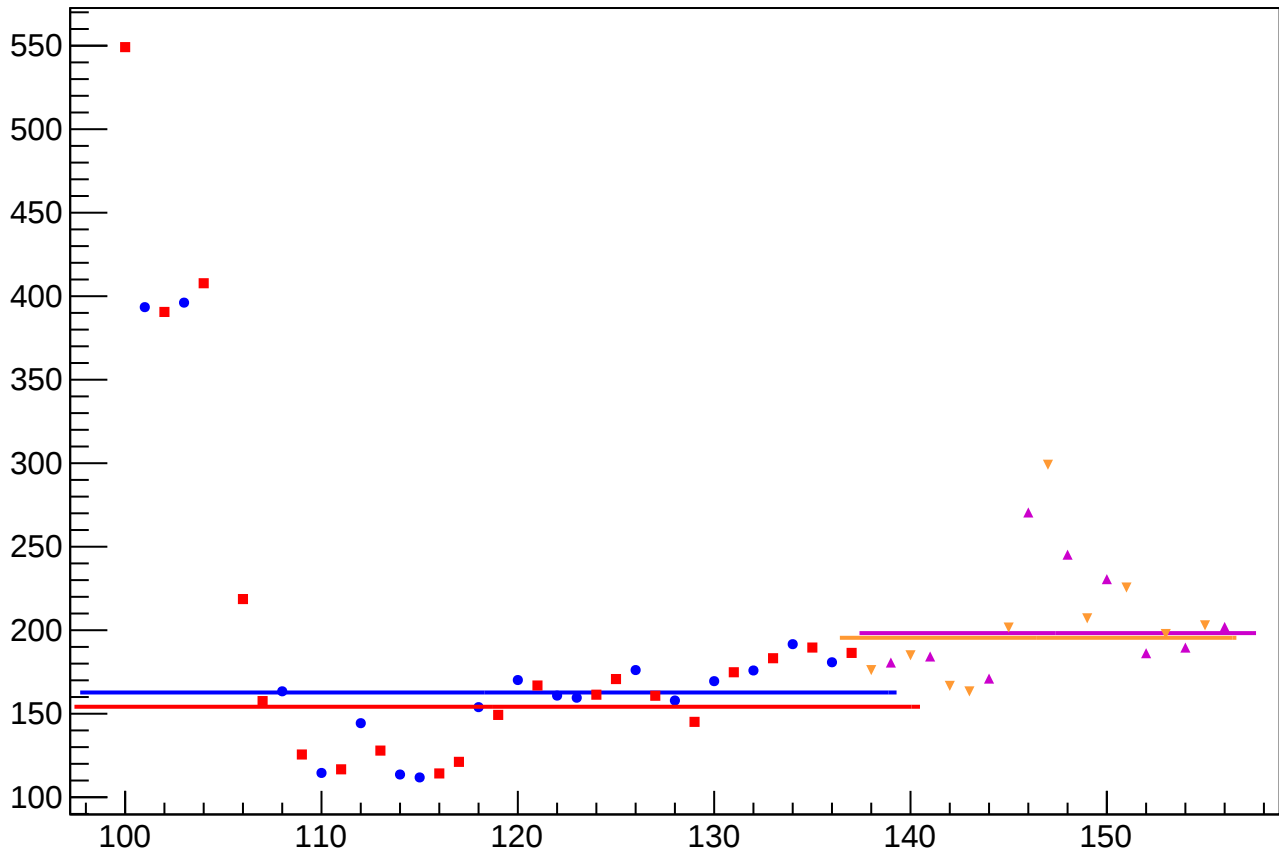
Left In: 143688.921 $\pm$ 0.075 χ^2 /NDF: 339893226.6/8

143943.229 $\pm$ 0.050 χ^2 /NDF: 590957725.6/26

143939.903 $\pm$ 0.034 χ^2 /NDF: 101514766

143936.839 $\pm$ 0.048 χ^2 /NDF: 424181282.1/28

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 162.714 +/- 0.047 χ^2/NDF : 1066482.0/16

Left Out: 195.466 +/- 0.052 χ^2/NDF : 319431.4/9

Right Out: 154.174 +/- 0.044 χ^2/NDF : 1224004.2/19

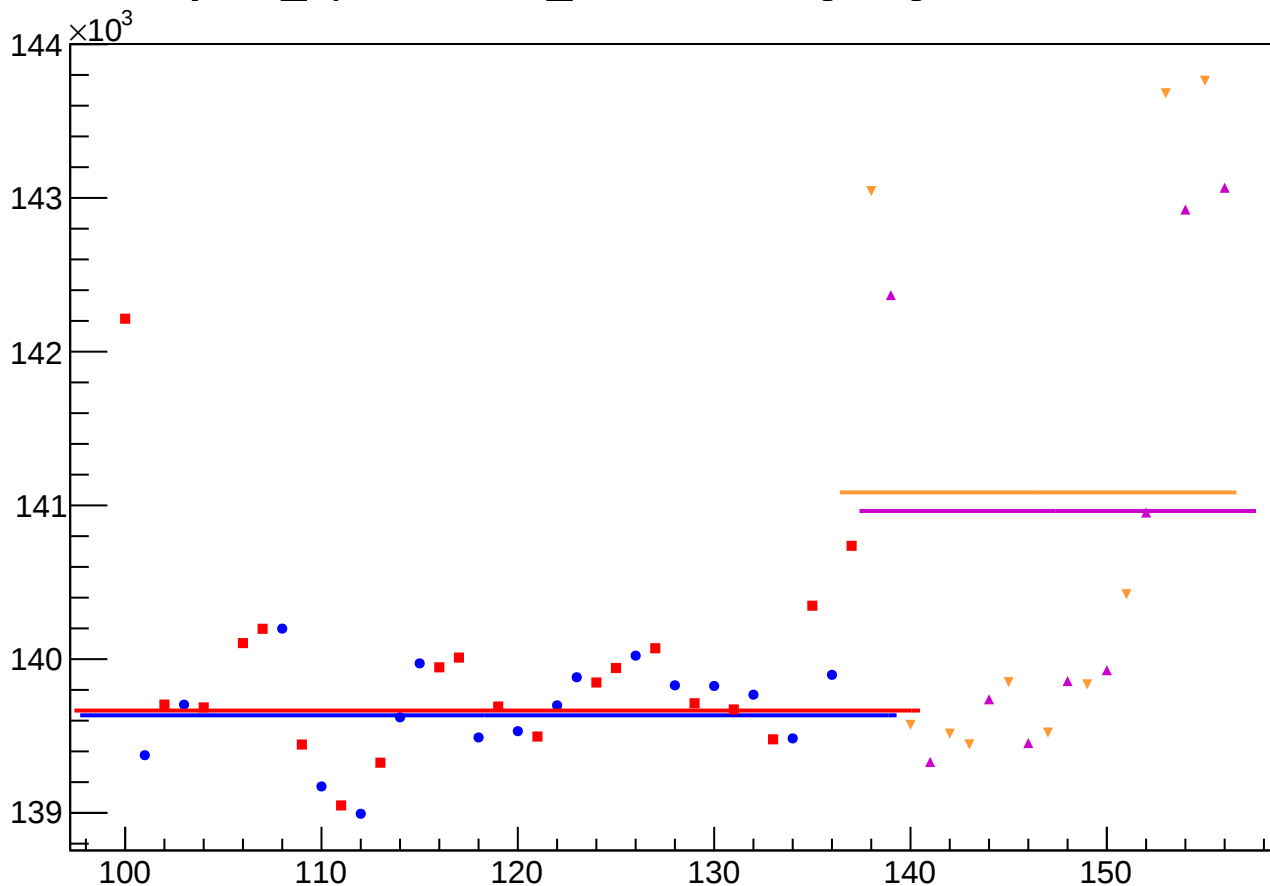
Left In: 198.270 +/- 0.053 χ^2/NDF : 277787.7/8

177.429 +/- 0.035 χ^2/NDF : 1602113.0/26

174.564 +/- 0.024 χ^2/NDF : 3530387.4/55

171.925 +/- 0.034 χ^2/NDF : 1915429.7/28

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139634.700+/-0.068 χ^2/NDF : 24844912.0/16

Left Out: 141084.381+/-0.079 χ^2/NDF : 525124018.2/9

Right Out: 139665.743+/-0.063 χ^2/NDF : 38703726.2/19

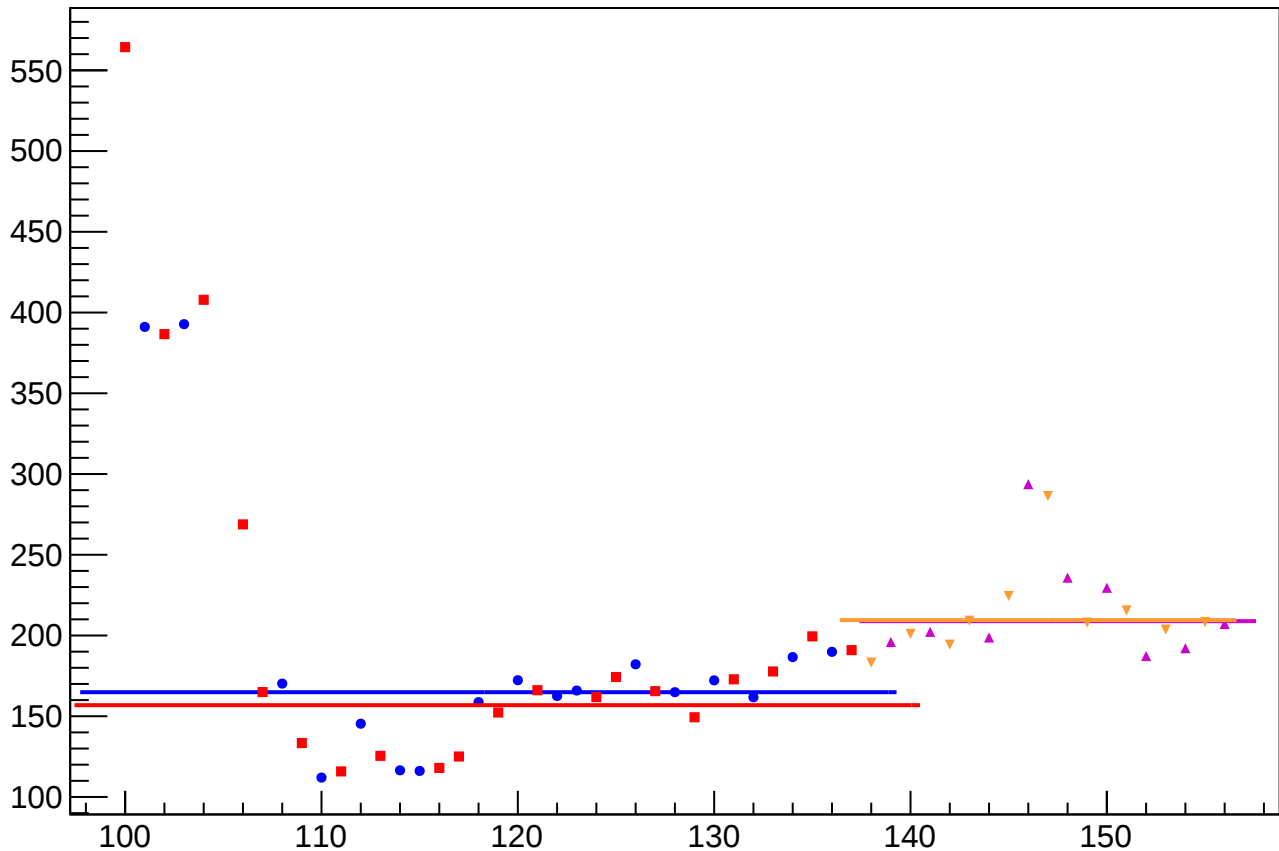
Left In: 140963.655+/-0.079 χ^2/NDF : 338749903.2/8

140252.993+/-0.051 χ^2/NDF : 745093366.3/26

140209.096+/-0.035 χ^2/NDF : 129012679

140168.997+/-0.049 χ^2/NDF : 543633810.5/28

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.884 +/- 0.048 χ^2/NDF : 1066270.8/16

Left Out: 209.536 +/- 0.056 χ^2/NDF : 158516.7/9

Right Out: 156.859 +/- 0.044 χ^2/NDF : 1250656.2/19

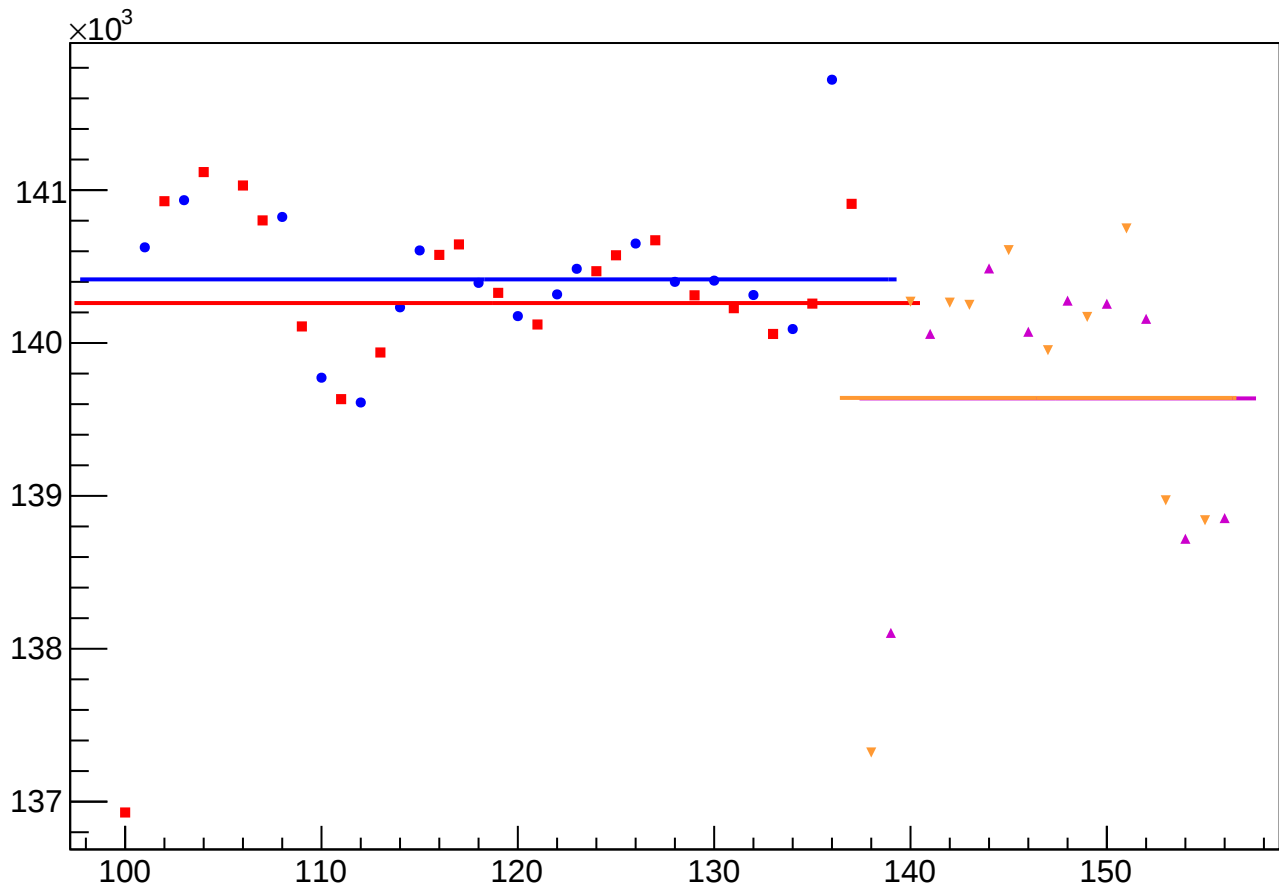
Left In: 208.885 +/- 0.056 χ^2/NDF : 209948.5/8

183.928 +/- 0.036 χ^2/NDF : 1595015.6/26

180.324 +/- 0.025 χ^2/NDF : 3608496.0/55

177.032 +/- 0.035 χ^2/NDF : 1994609.2/28

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140416.064 ± 0.068 $\chi^2/\text{NDF}: 69975821.3/16$

Left Out: 139640.759 ± 0.073 $\chi^2/\text{NDF}: 222195102.6/9$

Right Out: 140261.267 ± 0.063 $\chi^2/\text{NDF}: 38479140.4/19$

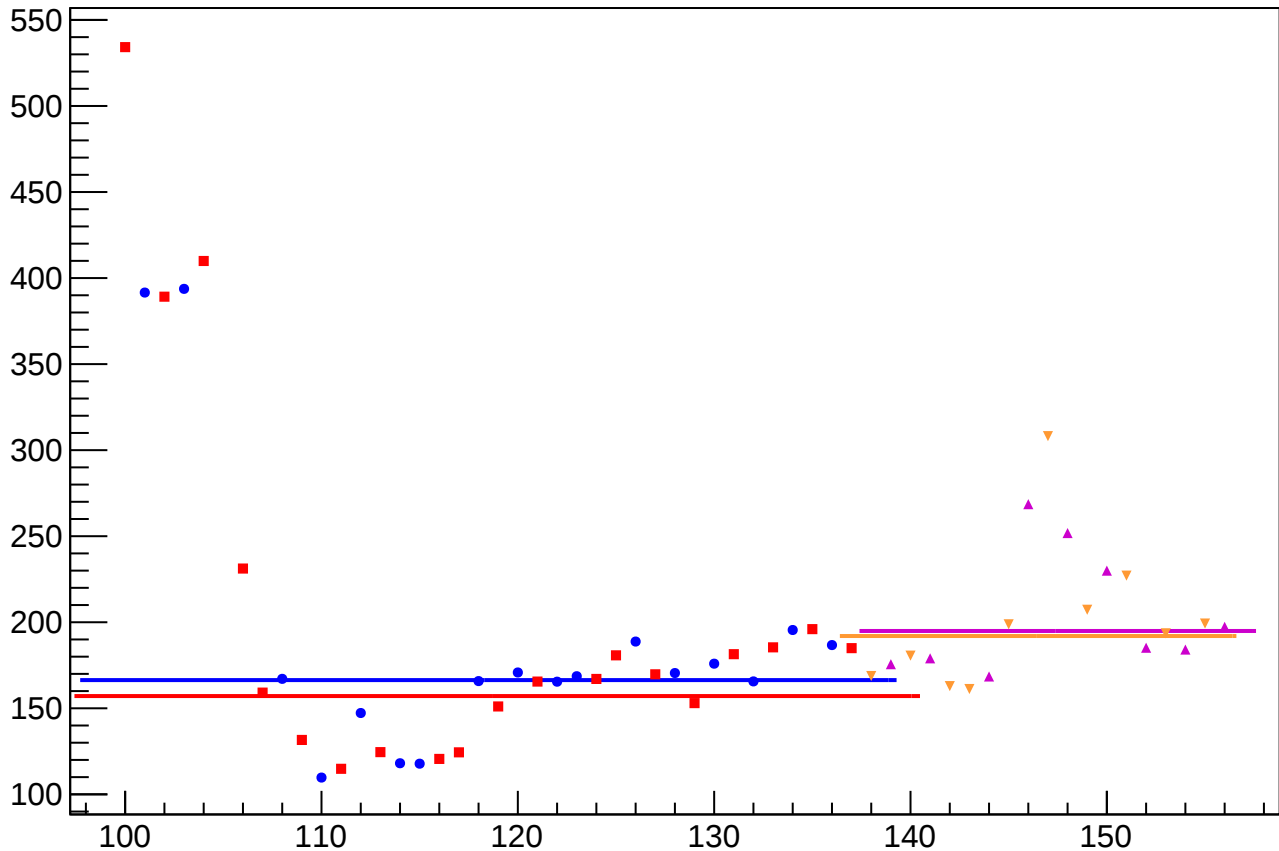
Left In: 139637.582 ± 0.074 $\chi^2/\text{NDF}: 129552887.3/8$

140051.921 ± 0.050 $\chi^2/\text{NDF}: 352525281.5/26$

140024.397 ± 0.034 $\chi^2/\text{NDF}: 562620215$

139999.041 ± 0.048 $\chi^2/\text{NDF}: 209508218.5/28$

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.388+/-0.048 χ^2/NDF : 1080964.8/16

Left Out: 191.996+/-0.051 χ^2/NDF : 377238.1/9

Right Out: 157.110+/-0.044 χ^2/NDF : 1235934.7/19

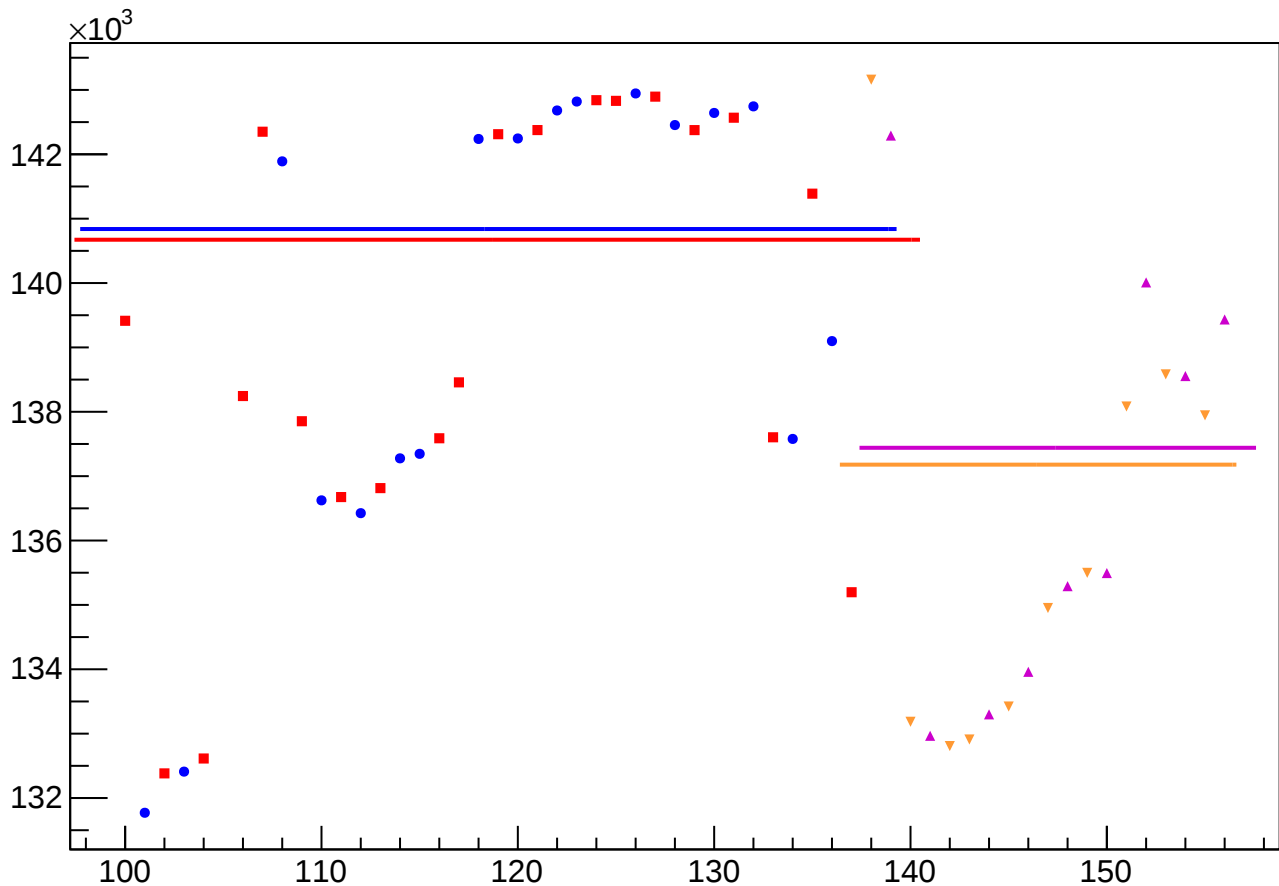
Left In: 194.930+/-0.052 χ^2/NDF : 318339.9/8

178.416+/-0.035 χ^2/NDF : 1589898.1/26

175.603+/-0.024 χ^2/NDF : 3461450.1/55

173.012+/-0.034 χ^2/NDF : 1859297.4/28

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140839.133 $\pm$ 0.100 χ^2 /NDF: 822682996.3/16

Left Out: 137178.876 $\pm$ 0.115 χ^2 /NDF: 1092386487.6/9

Right Out: 140672.898 $\pm$ 0.099 χ^2 /NDF: 841965357.5/19

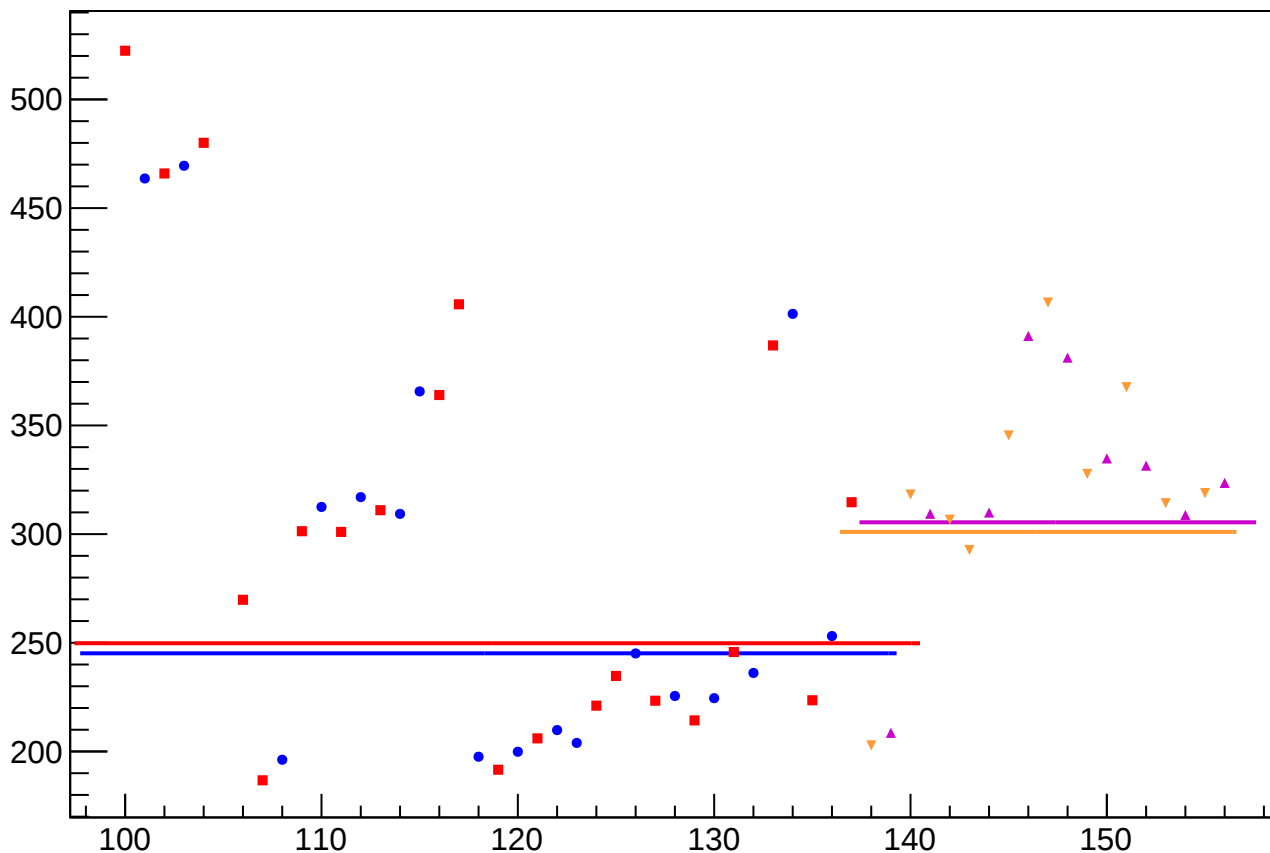
Left In: 137440.716 $\pm$ 0.117 χ^2 /NDF: 869851895.4/8

139268.584 $\pm$ 0.076 χ^2 /NDF: 2489796033.1/20

139296.582 $\pm$ 0.053 χ^2 /NDF: 464676194

139324.575 $\pm$ 0.076 χ^2 /NDF: 2156691398.0/28

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 245.159 $\pm$ 0.071 χ^2/NDF : 869491.6/16

Left Out: 301.026 $\pm$ 0.082 χ^2/NDF : 531763.2/9

Right Out: 249.792 $\pm$ 0.070 χ^2/NDF : 1022316.0/19

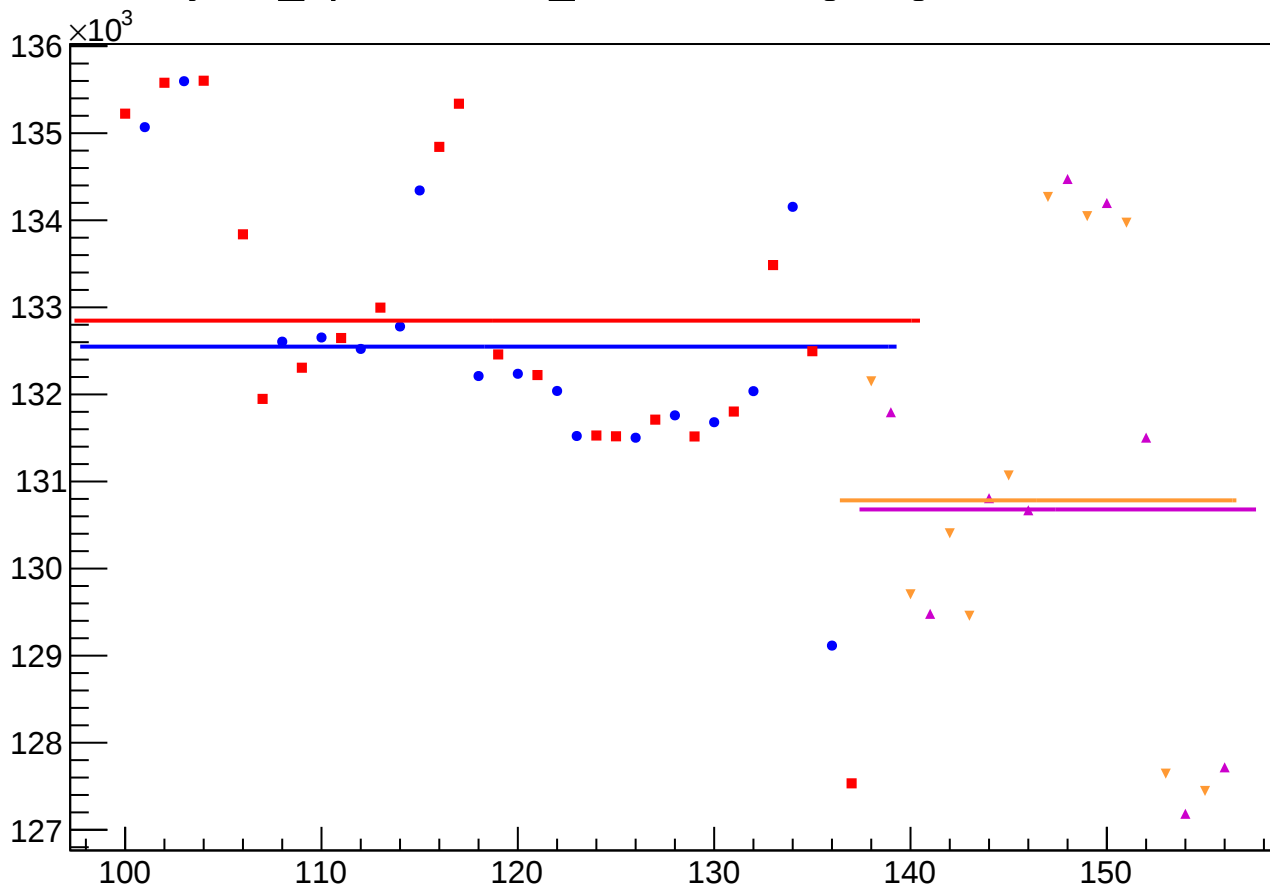
Left In: 305.435 $\pm$ 0.083 χ^2/NDF : 443992.8/8

269.130 $\pm$ 0.053 χ^2/NDF : 1669032.0/26

271.067 $\pm$ 0.038 χ^2/NDF : 3401664.6/55

273.004 $\pm$ 0.053 χ^2/NDF : 1730004.6/28

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 132548.888 $\pm$ 0.119 χ^2 /NDF: 161115079.9/16

Left Out: 130783.392 $\pm$ 0.089 χ^2 /NDF: 467227209.0/9

Right Out: 132847.502 $\pm$ 0.107 χ^2 /NDF: 151618589.4/19

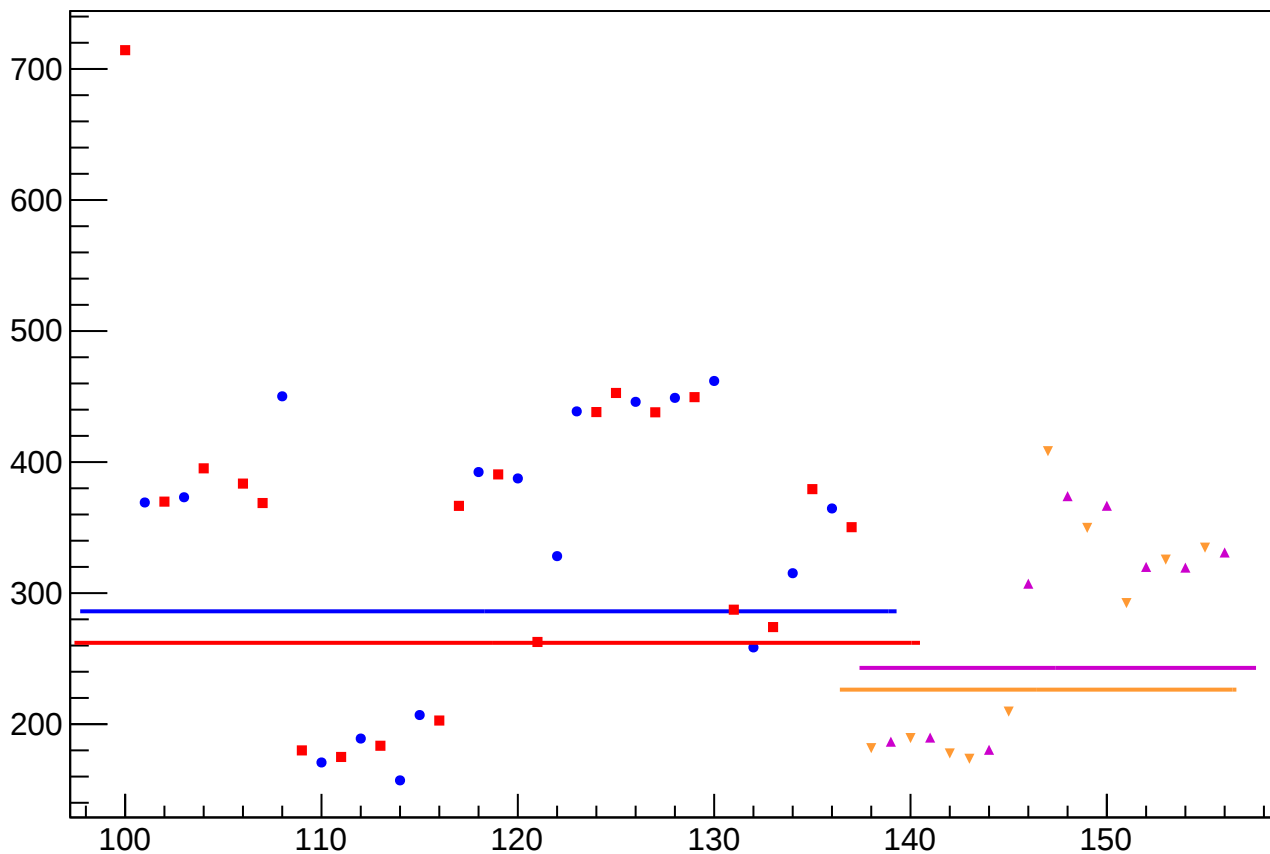
Left In: 130678.895 $\pm$ 0.095 χ^2 /NDF: 383751906.6/8

131413.995 $\pm$ 0.071 χ^2 /NDF: 768954125.2/26

131526.958 $\pm$ 0.050 χ^2 /NDF: 153859437

131639.287 $\pm$ 0.071 χ^2 /NDF: 764639986.0/28

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 286.122 $\pm$ 0.084 χ^2 /NDF: 1525266.4/16

Left Out: 226.341 $\pm$ 0.063 χ^2 /NDF:1218519.9/9

Right Out: 262.073 $\pm$ 0.076 χ^2 /NDF: 1630239.5/19

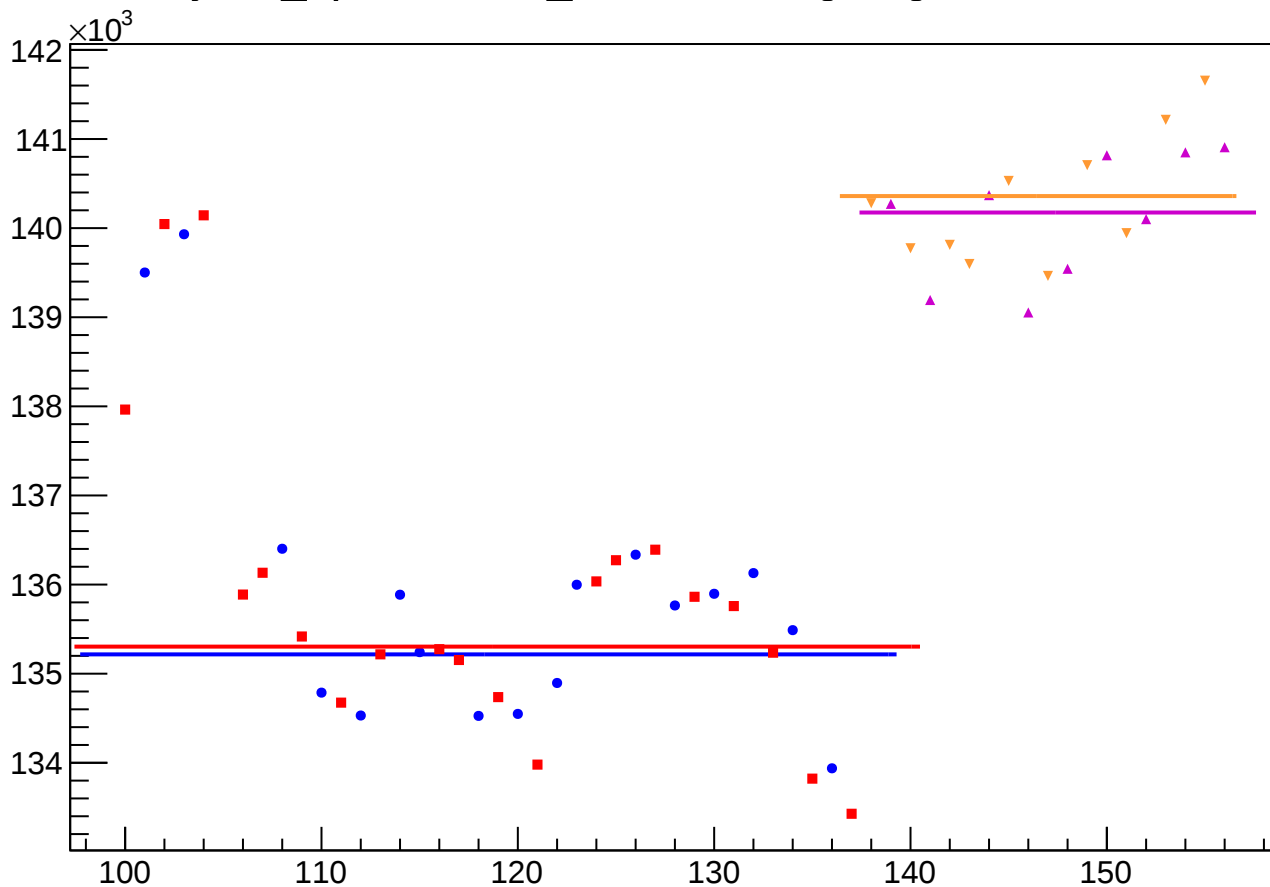
Left In: 242.935 $\pm$ 0.067 χ^2 /NDF:1201430.3/8

247.694 $\pm$ 0.050 χ^2 /NDF: 3066224.6/26

249.557 $\pm$ 0.036 χ^2 /NDF: 5936324.9/55

251.410 $\pm$ 0.050 χ^2 /NDF: 2867378.5/28

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135216.588 $\pm$ 0.054 χ^2 /NDF: 371347707.3/16

Left Out: 140359.736 $\pm$ 0.069 χ^2 /NDF: 104968687.1/9

Right Out: 135303.736 $\pm$ 0.051 χ^2 /NDF: 357717935.5/19

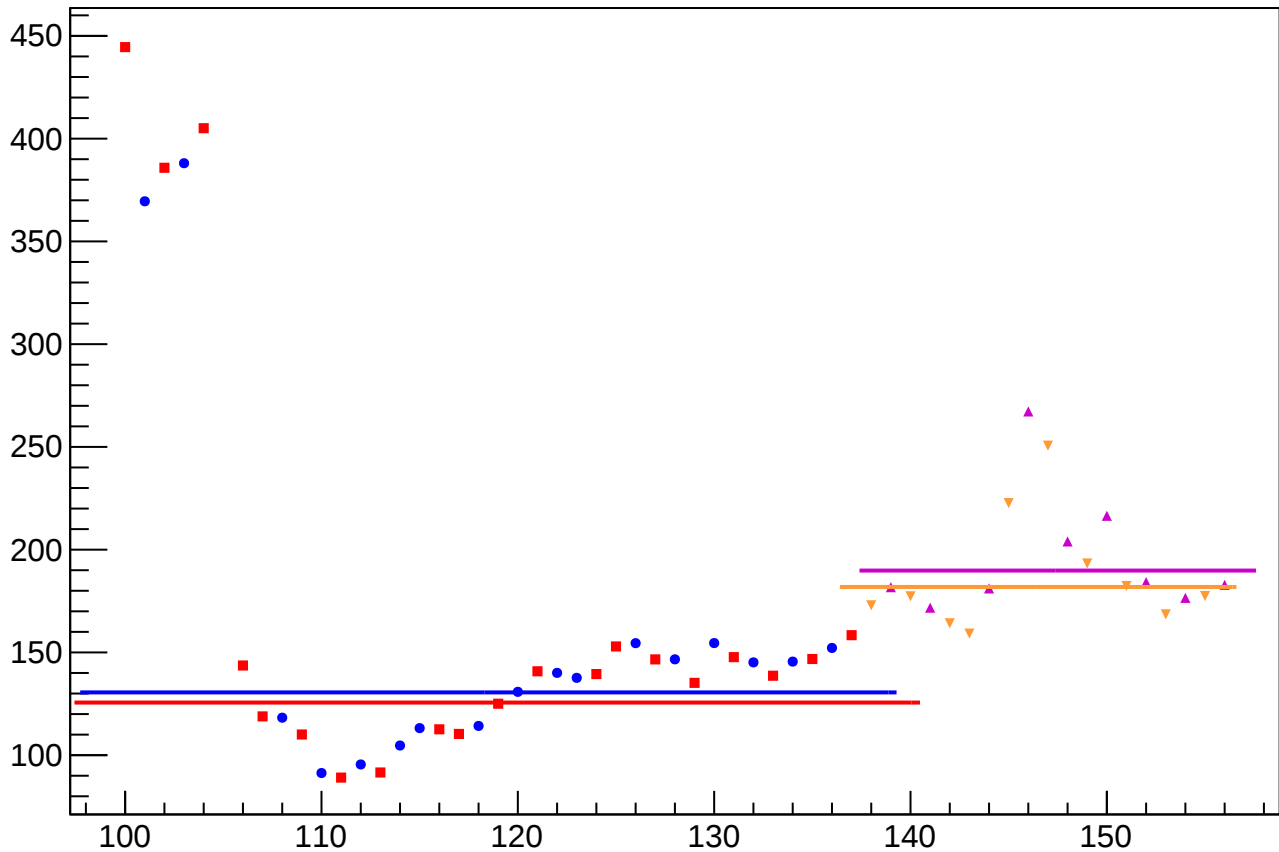
Left In: 140175.120 $\pm$ 0.072 χ^2 /NDF: 80835982.8/8

137197.241 $\pm$ 0.043 χ^2 /NDF: 3924113693.1/26

137062.664 $\pm$ 0.030 χ^2 /NDF: 744867279

136934.990 $\pm$ 0.042 χ^2 /NDF: 3505132743.7/28

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 130.552 +/- 0.038 χ^2/NDF : 1373104.9/16

Left Out: 181.852 +/- 0.049 χ^2/NDF : 217813.1/9

Right Out: 125.603 +/- 0.036 χ^2/NDF : 1441677.4/19

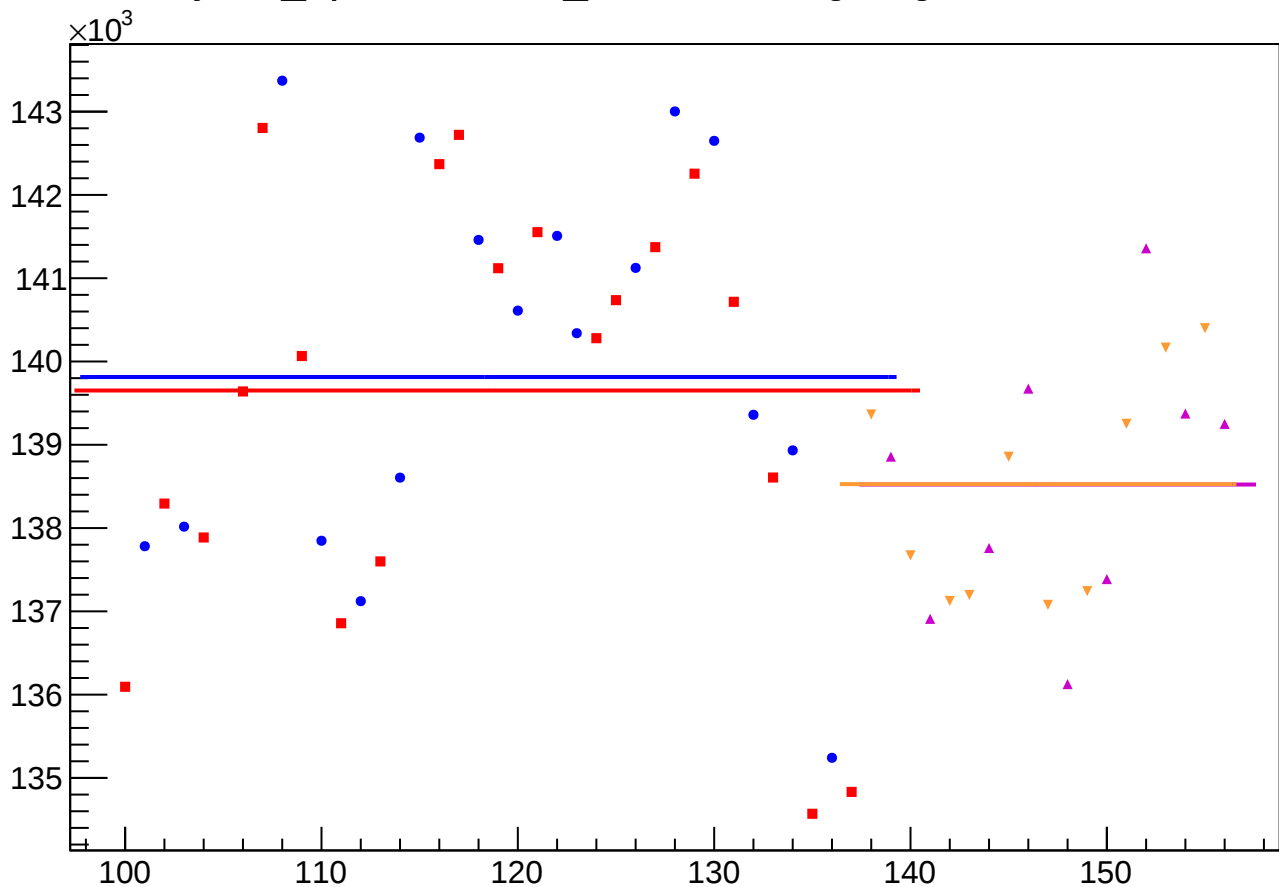
Left In: 189.838 +/- 0.051 χ^2/NDF : 195324.5/8

150.307 +/- 0.030 χ^2/NDF : 2276961.2/26

148.668 +/- 0.021 χ^2/NDF : 4986129.4/55

147.113 +/- 0.029 χ^2/NDF : 2703404.6/28

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139813.664 $\pm$ 0.062 χ^2 /NDF: 1689865533.6/16

Left Out: 138527.525 $\pm$ 0.070 χ^2 /NDF: 317347245.3/9

Right Out: 139651.821 $\pm$ 0.059 χ^2 /NDF: 1531019137.4/19

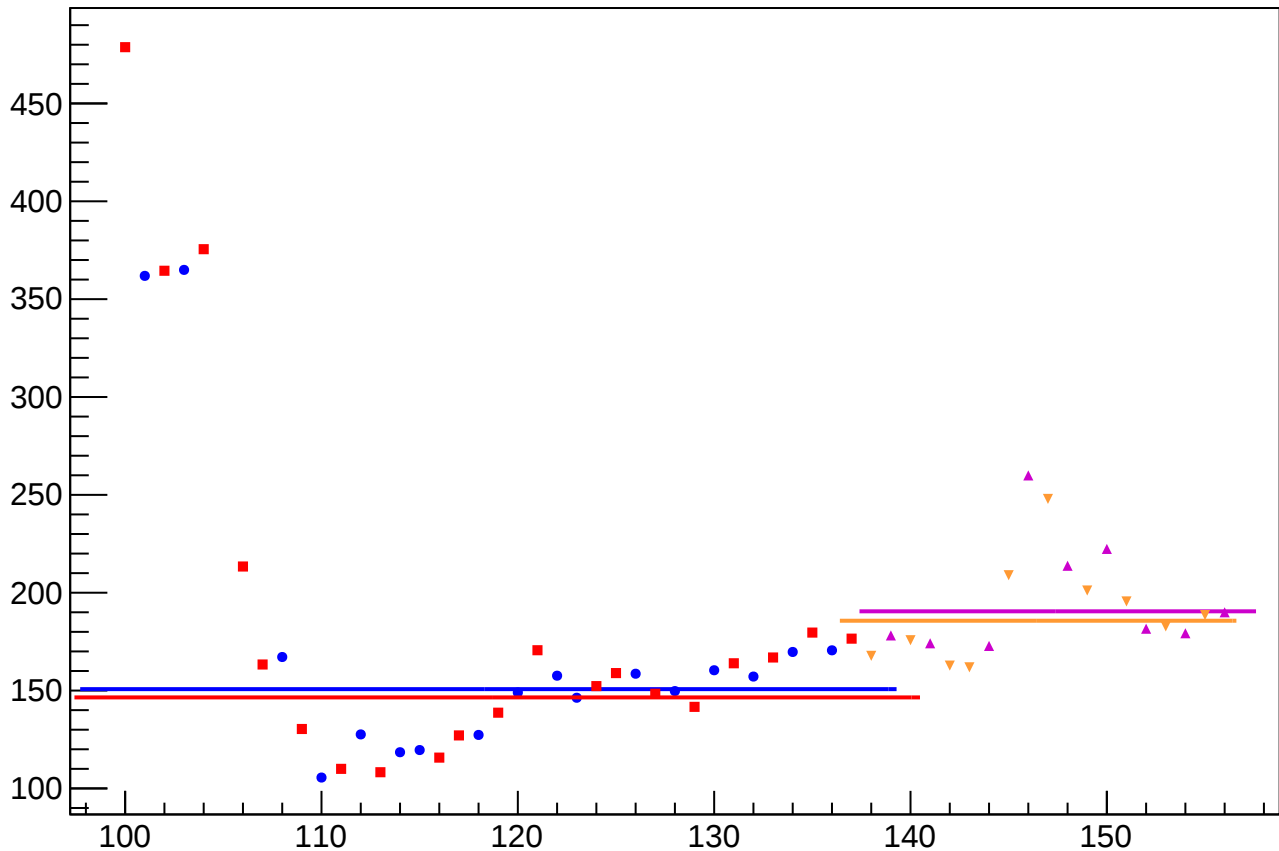
Left In: 138522.748 $\pm$ 0.072 χ^2 /NDF: 447148617.1/8

139251.038 $\pm$ 0.046 χ^2 /NDF: 2195930464.0/20

139225.564 $\pm$ 0.033 χ^2 /NDF: 432214610

139201.076 $\pm$ 0.046 χ^2 /NDF: 2125625594.2/28

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 150.733+/-0.044 χ^2/NDF : 1050071.6/16

Left Out: 185.688+/-0.050 χ^2/NDF : 193978.3/9

Right Out: 146.506+/-0.042 χ^2/NDF : 1205131.2/19

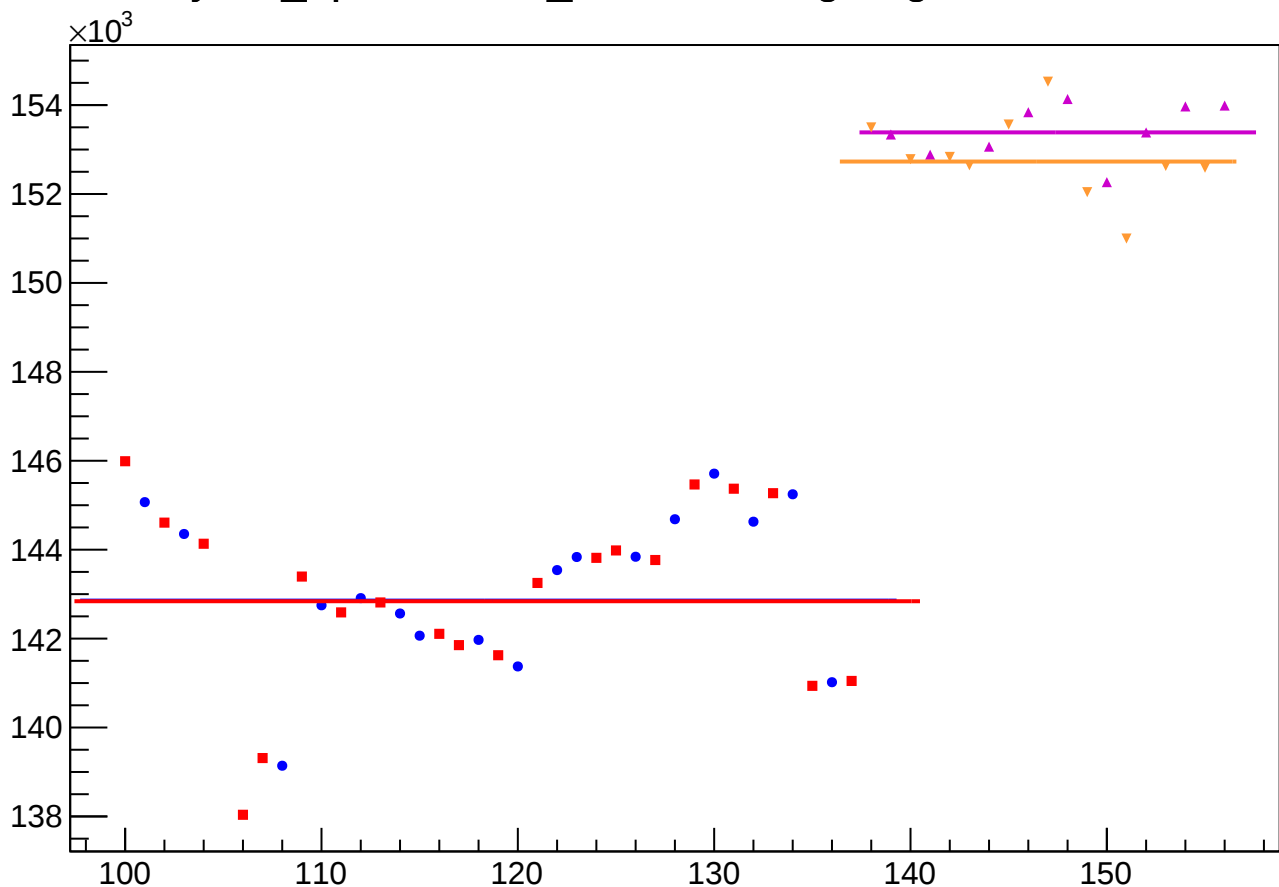
Left In: 190.496+/-0.051 χ^2/NDF : 210965.1/8

166.024+/-0.033 χ^2/NDF : 1522849.9/26

165.027+/-0.023 χ^2/NDF : 3388434.6/55

164.067+/-0.032 χ^2/NDF : 1863774.3/28

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142854.268 $\pm$ 0.065 χ^2 /NDF: 740367386.5/16

Left Out: 152730.116 $\pm$ 0.071 χ^2 /NDF: 138033901.8/9

Right Out: 142840.509 $\pm$ 0.060 χ^2 /NDF: 852484333.4/19

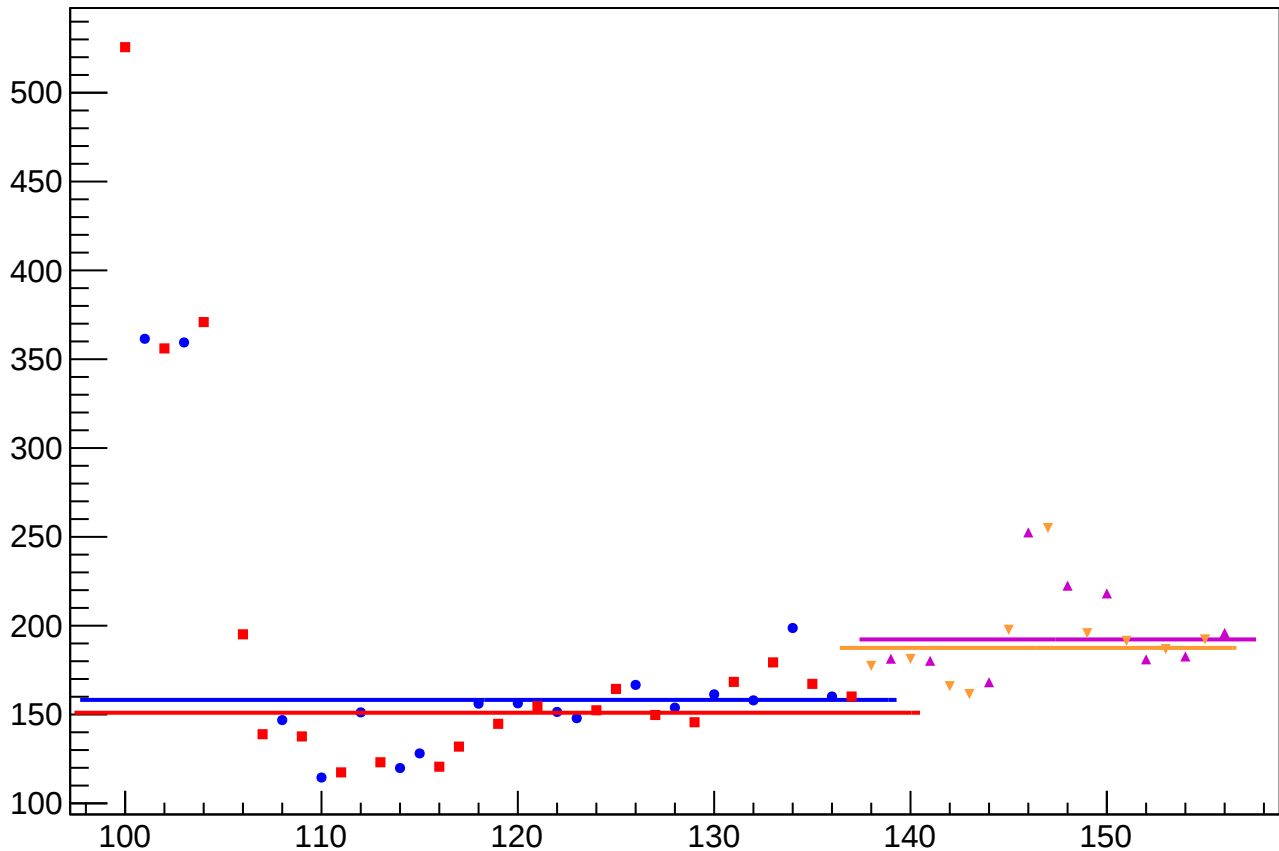
Left In: 153385.953 $\pm$ 0.073 χ^2 /NDF: 58853821.0/8

147358.497 $\pm$ 0.048 χ^2 /NDF: 11517138479.3/2

147244.504 $\pm$ 0.033 χ^2 /NDF: 249724757

147137.125 $\pm$ 0.046 χ^2 /NDF: 13444241332.4/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 158.233+/-0.046 χ^2/NDF : 883513.4/16

Left Out: 187.502+/-0.050 χ^2/NDF : 170822.6/9

Right Out: 151.003+/-0.043 χ^2/NDF : 1005104.9/19

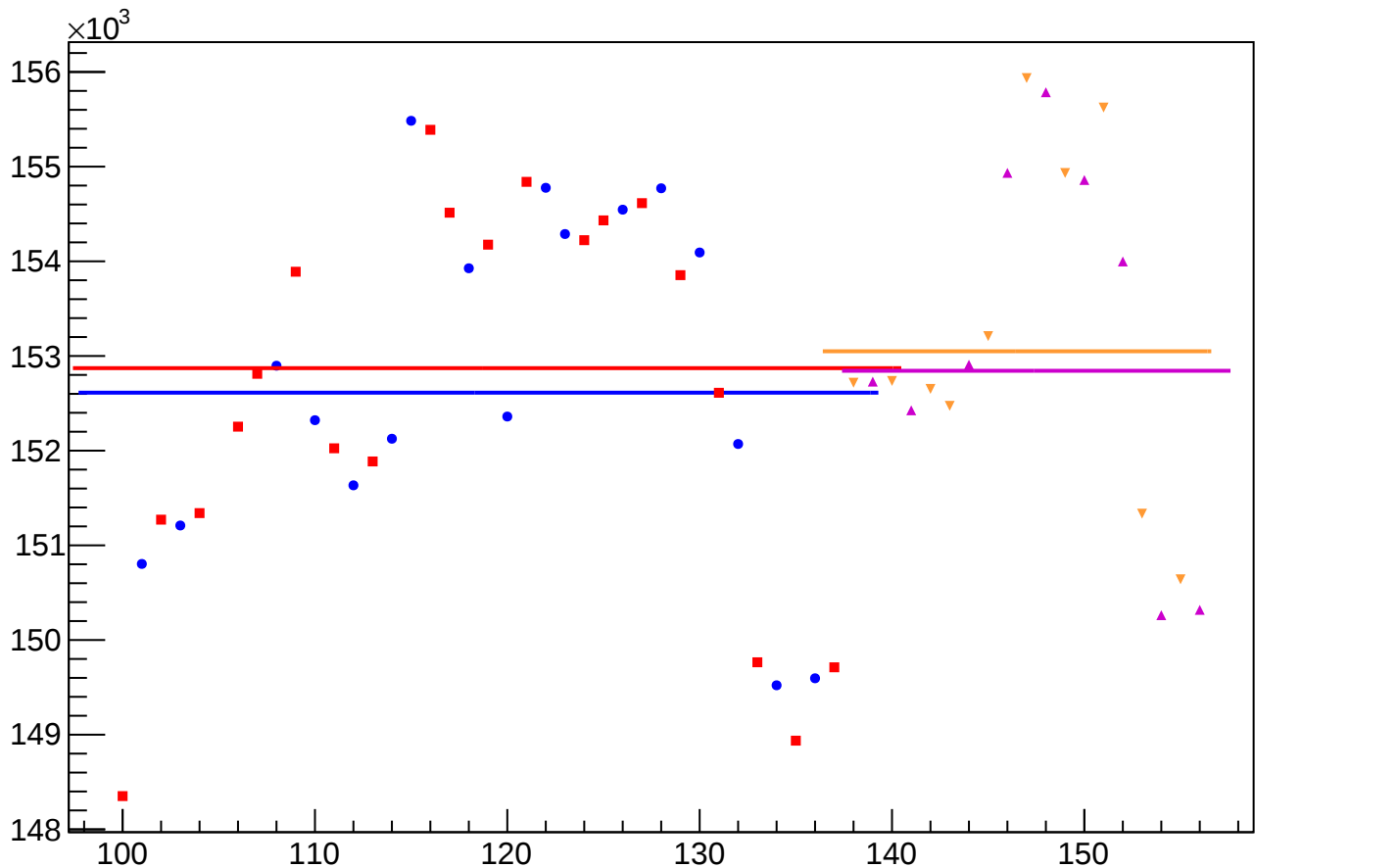
Left In: 192.259+/-0.051 χ^2/NDF : 199944.6/8

171.582+/-0.034 χ^2/NDF : 1241228.2/26

169.641+/-0.023 χ^2/NDF : 2836343.6/55

167.812+/-0.033 χ^2/NDF : 1588680.1/28

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152612.586 $\pm$ 0.072 χ^2/NDF : 621416187.4/16

Left Out: 153049.862 $\pm$ 0.071 χ^2/NDF : 490003303.5/9

Right Out: 152871.618 $\pm$ 0.066 χ^2/NDF : 720639345.6/19

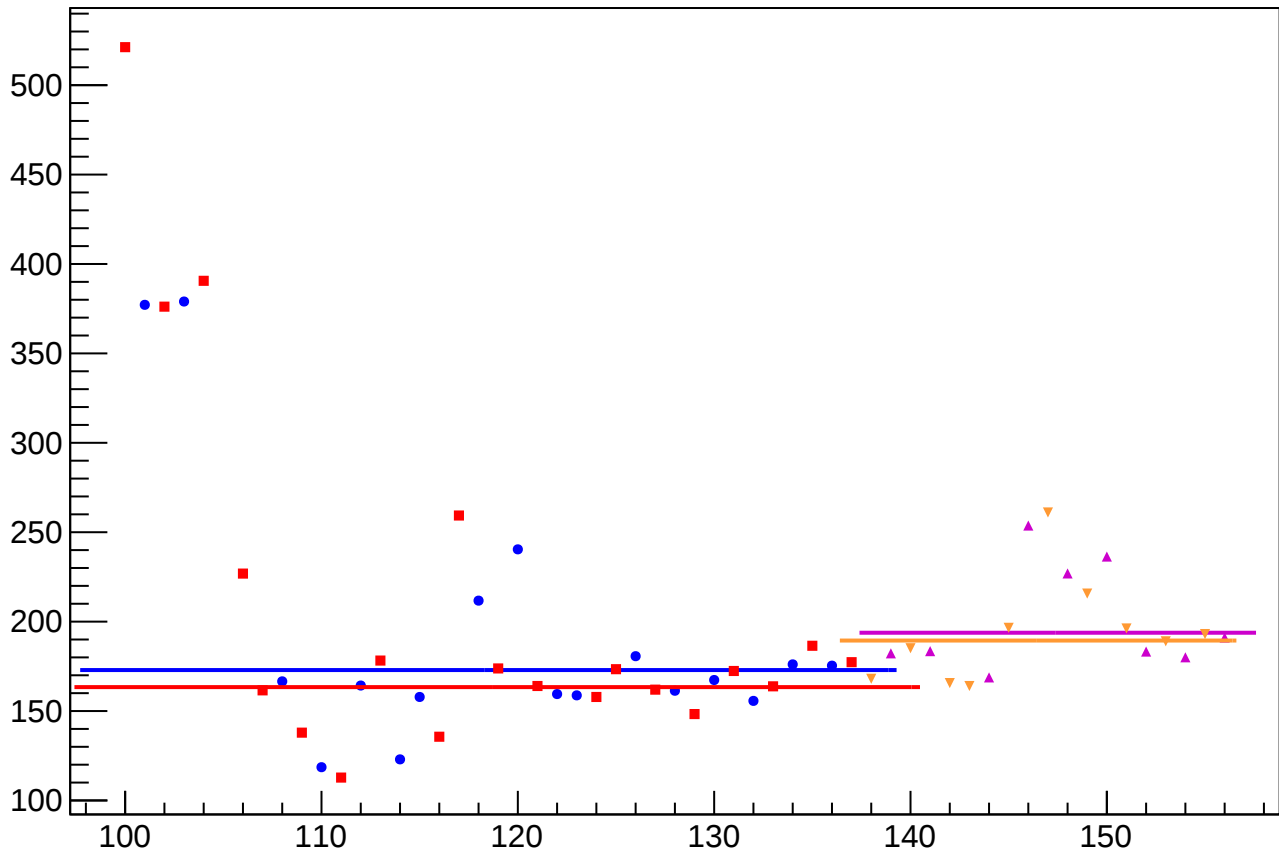
Left In: 152843.683 $\pm$ 0.073 χ^2/NDF : 585671223.4/8

152834.351 $\pm$ 0.051 χ^2/NDF : 1130039864.8/26

152847.097 $\pm$ 0.035 χ^2/NDF : 243655339

152859.025 $\pm$ 0.049 χ^2/NDF : 1306391004.2/28

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.921+/-0.051 χ^2/NDF : 941954.0/16

Left Out: 189.424+/-0.050 χ^2/NDF : 217365.5/9

Right Out: 163.382+/-0.047 χ^2/NDF : 1044431.2/19

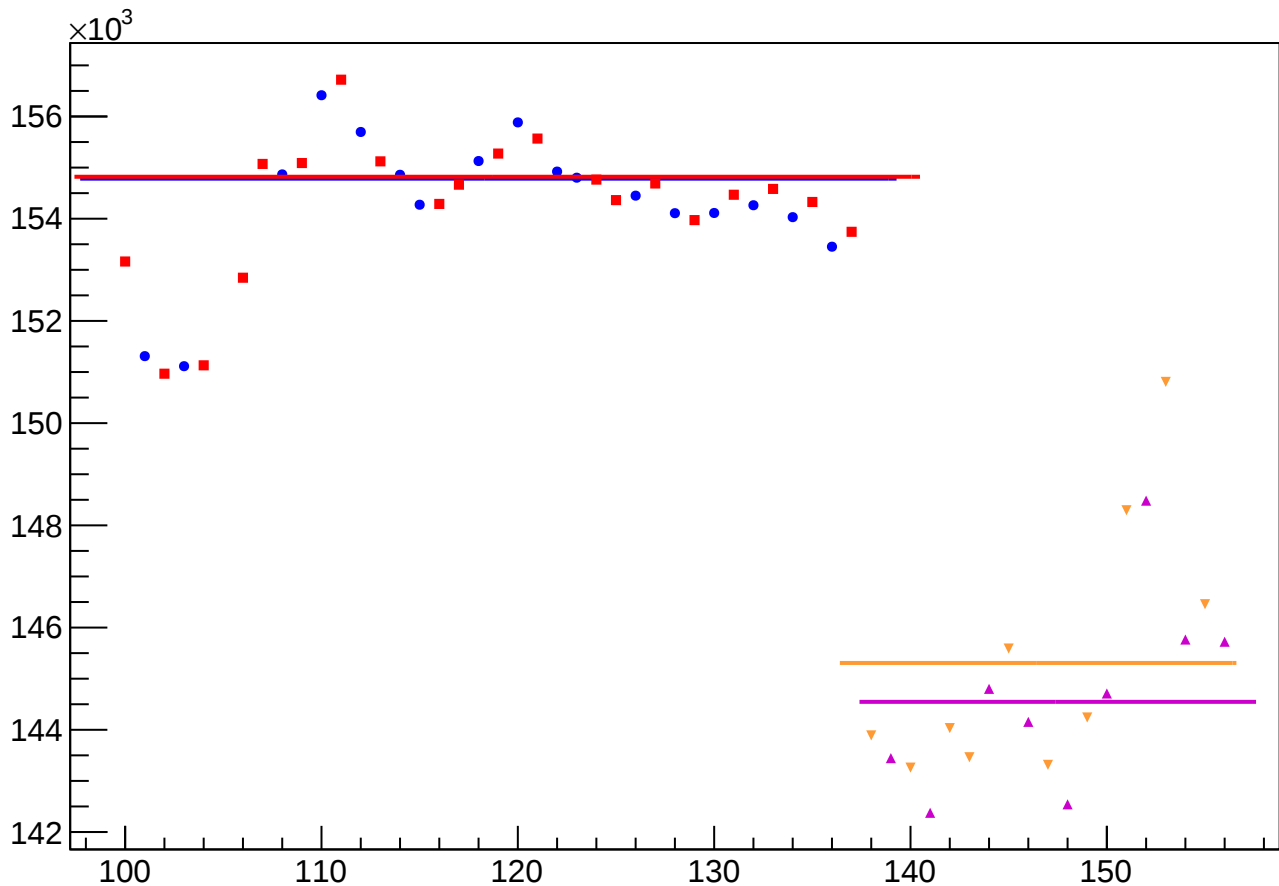
Left In: 193.791+/-0.052 χ^2/NDF : 239705.3/8

181.291+/-0.036 χ^2/NDF : 1212365.6/26

179.121+/-0.025 χ^2/NDF : 2694238.2/55

177.090+/-0.035 χ^2/NDF : 1474771.2/28

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 154783.944 $\pm$ 0.065 χ^2/NDF : 265581398.0/16

Left Out: 145308.103 $\pm$ 0.065 χ^2/NDF : 1421573287.4/9

Right Out: 154820.824 $\pm$ 0.061 χ^2/NDF : 293904936.4/19

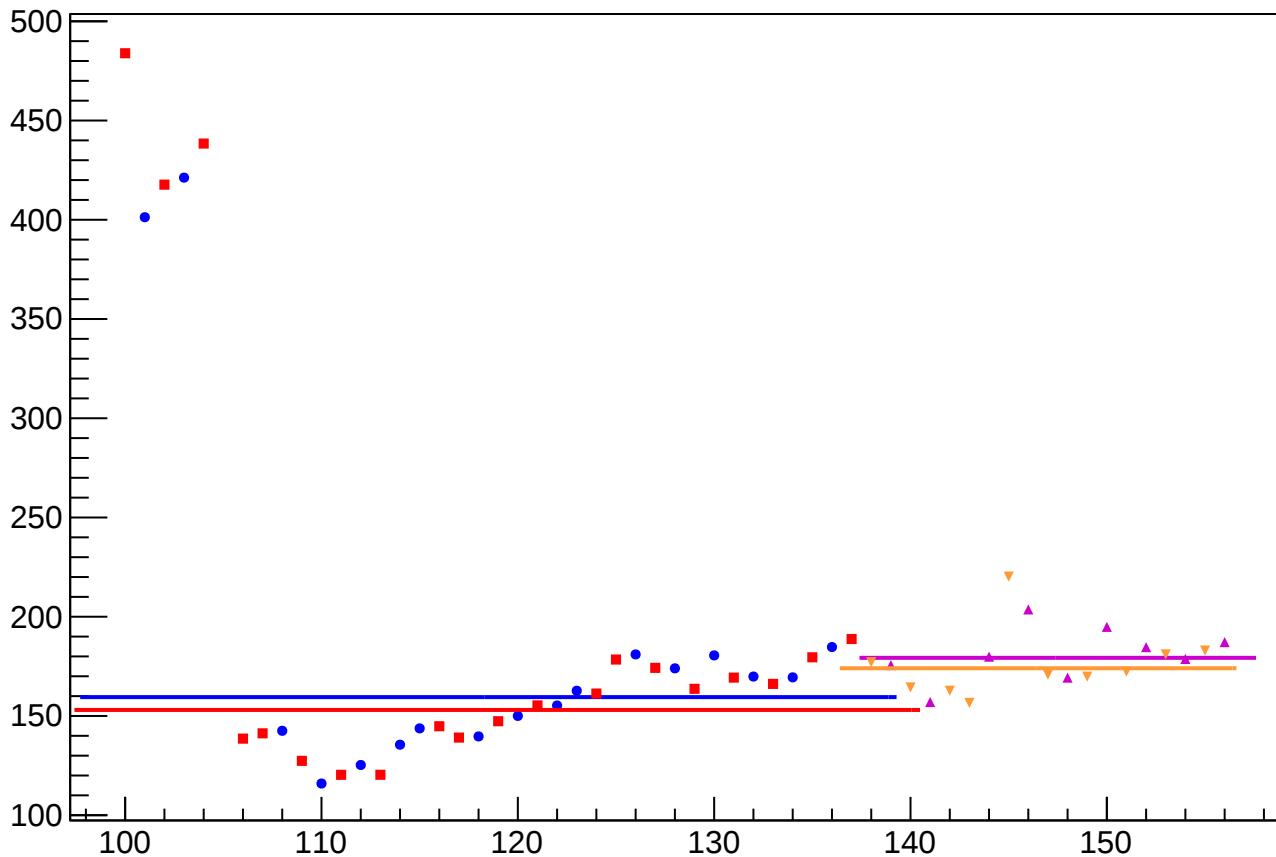
Left In: 144546.999 $\pm$ 0.067 χ^2/NDF : 744098266.8/8

150012.000 $\pm$ 0.046 χ^2/NDF : 12269532887.5/2

150102.650 $\pm$ 0.032 χ^2/NDF : 262577635

150188.941 $\pm$ 0.045 χ^2/NDF : 13980668790.5/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 159.504 +/- 0.046 χ^2/NDF : 1131844.5/16

Left Out: 174.040 +/- 0.046 χ^2/NDF : 101047.3/9

Right Out: 153.038 +/- 0.043 χ^2/NDF : 1174616.4/19

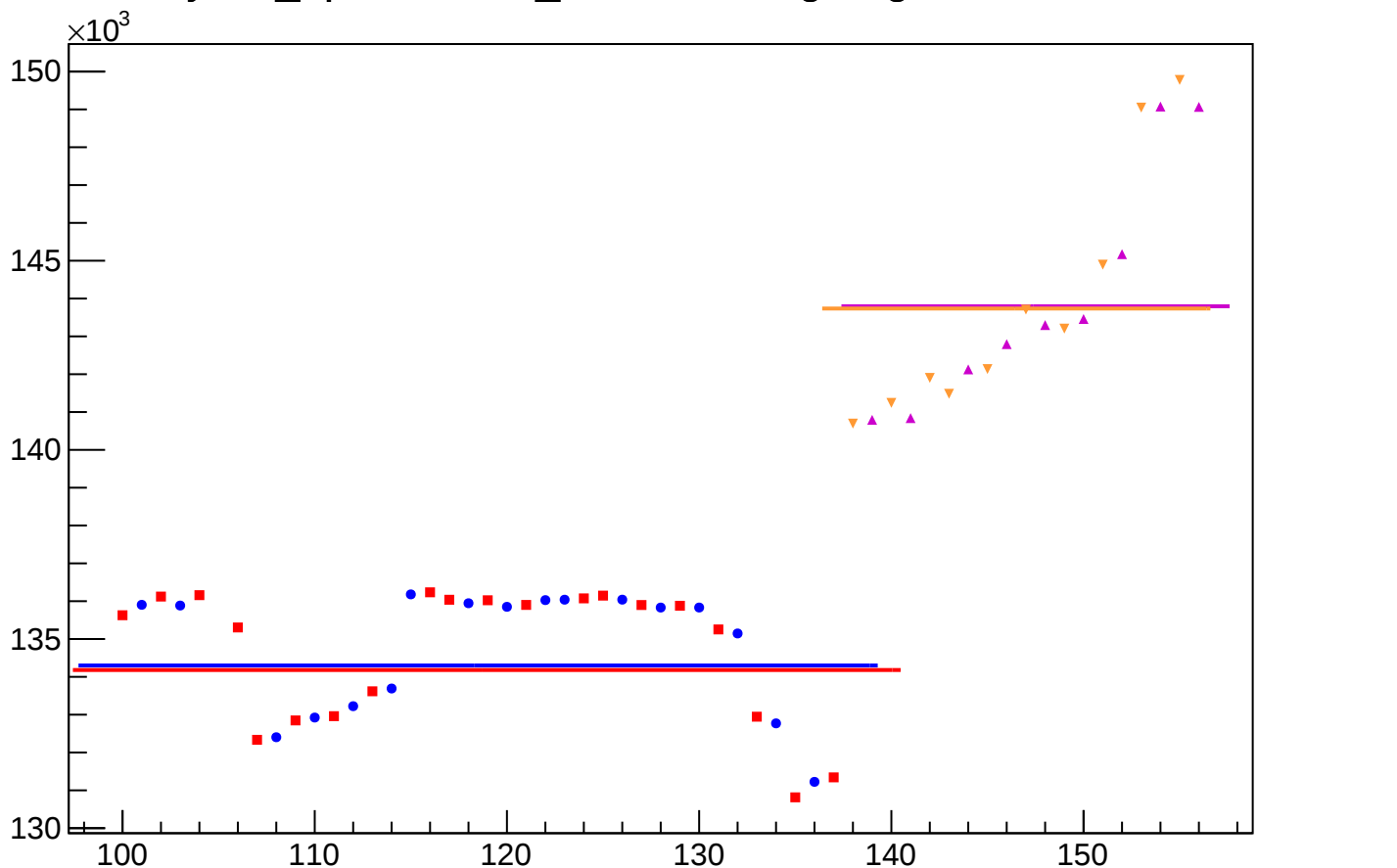
Left In: 179.287 +/- 0.047 χ^2/NDF : 77451.9/8

166.824 +/- 0.033 χ^2/NDF : 1282697.7/26

165.824 +/- 0.023 χ^2/NDF : 2705579.8/55

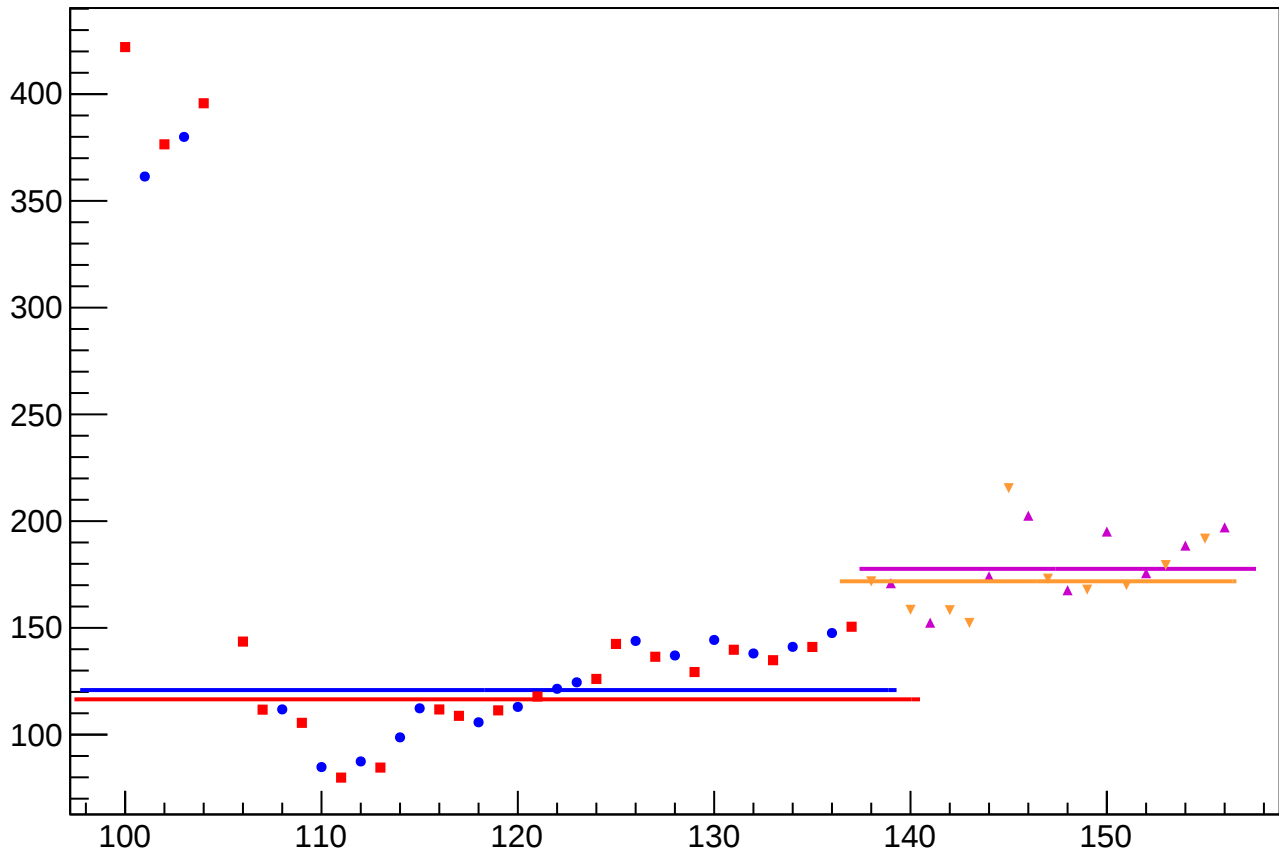
164.872 +/- 0.032 χ^2/NDF : 1421041.5/28

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134300.025 $\pm$ 0.050 χ^2/NDF : 1149581803.2/16
 Left Out: 143736.093 $\pm$ 0.064 χ^2/NDF : 2145510020.1/9
 Right Out: 134180.888 $\pm$ 0.047 χ^2/NDF : 1224202240.2/19
 Left In: 143795.077 $\pm$ 0.066 χ^2/NDF : 1874454267.9/8

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 120.872 ± 0.036 χ^2/NDF : 1463728.4/16

Left Out: 171.818 ± 0.045 χ^2/NDF : 121467.5/9

Right Out: 116.531 ± 0.033 χ^2/NDF : 1541779.4/19

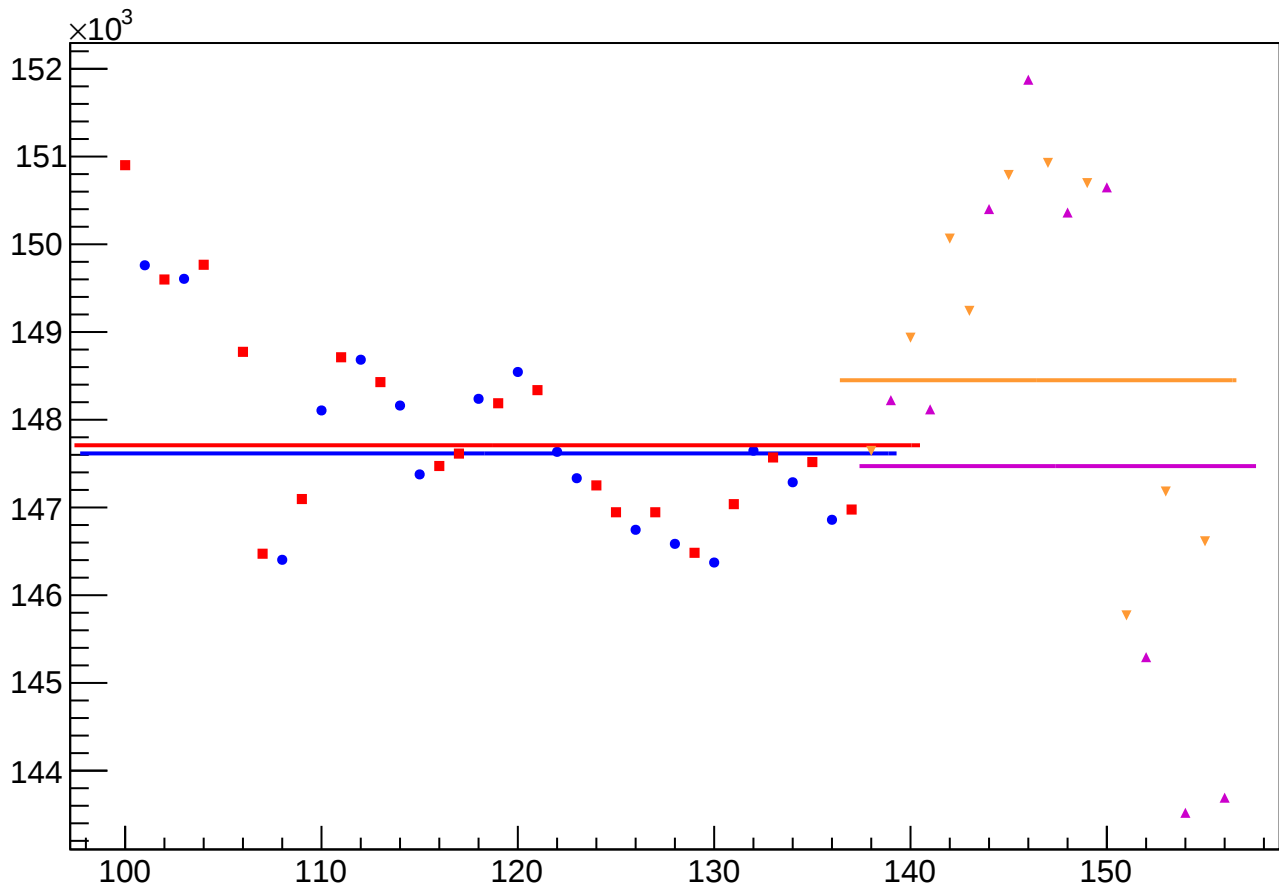
Left In: 177.651 ± 0.047 χ^2/NDF : 112074.5/8

140.278 ± 0.028 χ^2/NDF : 2365393.5/26

138.600 ± 0.020 χ^2/NDF : 5150205.6/55

137.015 ± 0.027 χ^2/NDF : 2777831.8/28

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147616.150 $\pm$ 0.062 χ^2 /NDF: 199263428.7/16

Left Out: 148450.313 $\pm$ 0.074 χ^2 /NDF: 563736060.0/9

Right Out: 147709.096 $\pm$ 0.058 χ^2 /NDF: 203924272.1/19

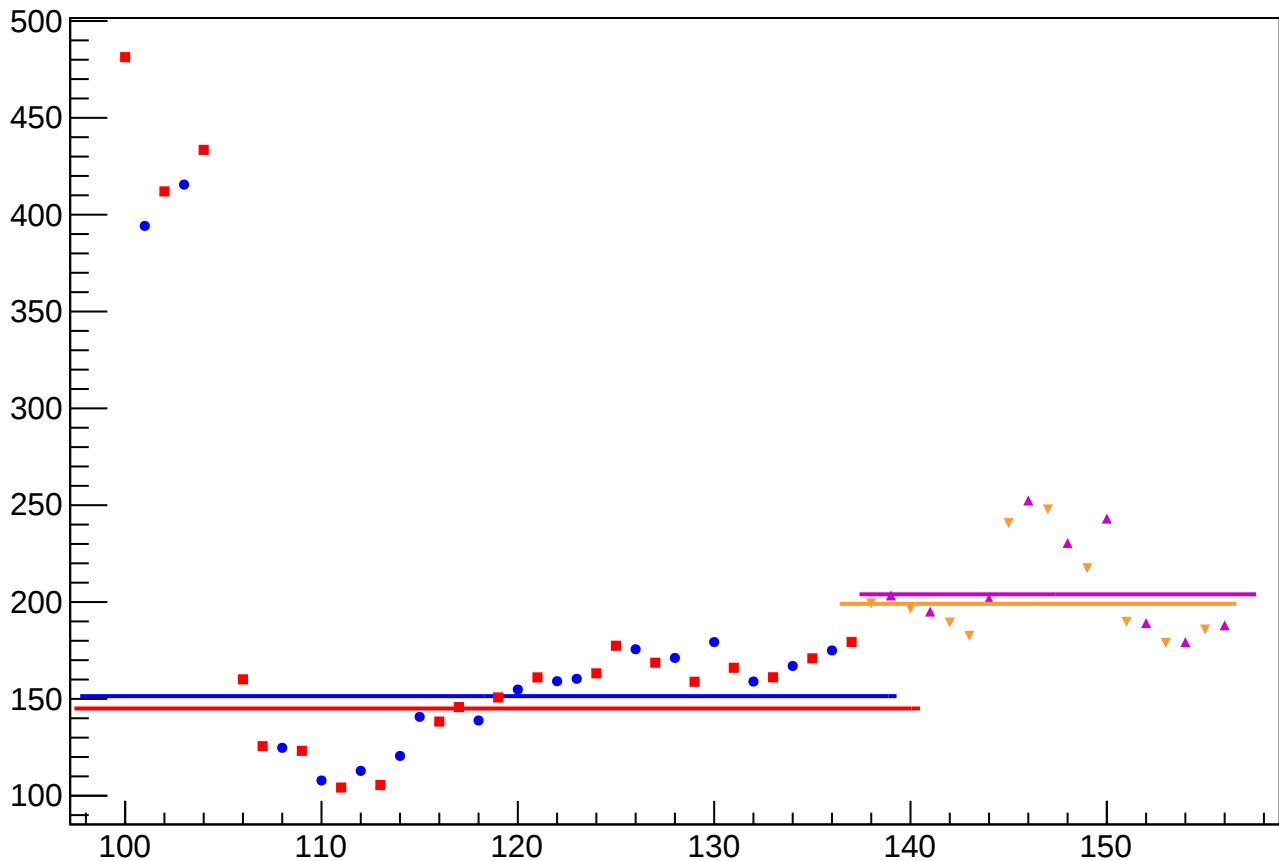
Left In: 147471.618 $\pm$ 0.076 χ^2 /NDF: 1526662716.1/8

147960.794 $\pm$ 0.048 χ^2 /NDF: 836635489.3/26

147785.744 $\pm$ 0.033 χ^2 /NDF: 259921120

147622.111 $\pm$ 0.046 χ^2 /NDF: 1736699285.3/28

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 151.424+/-0.044 χ^2/NDF : 1257843.0/16

Left Out: 199.075+/-0.053 χ^2/NDF : 162136.8/9

Right Out: 145.044+/-0.041 χ^2/NDF : 1375974.1/19

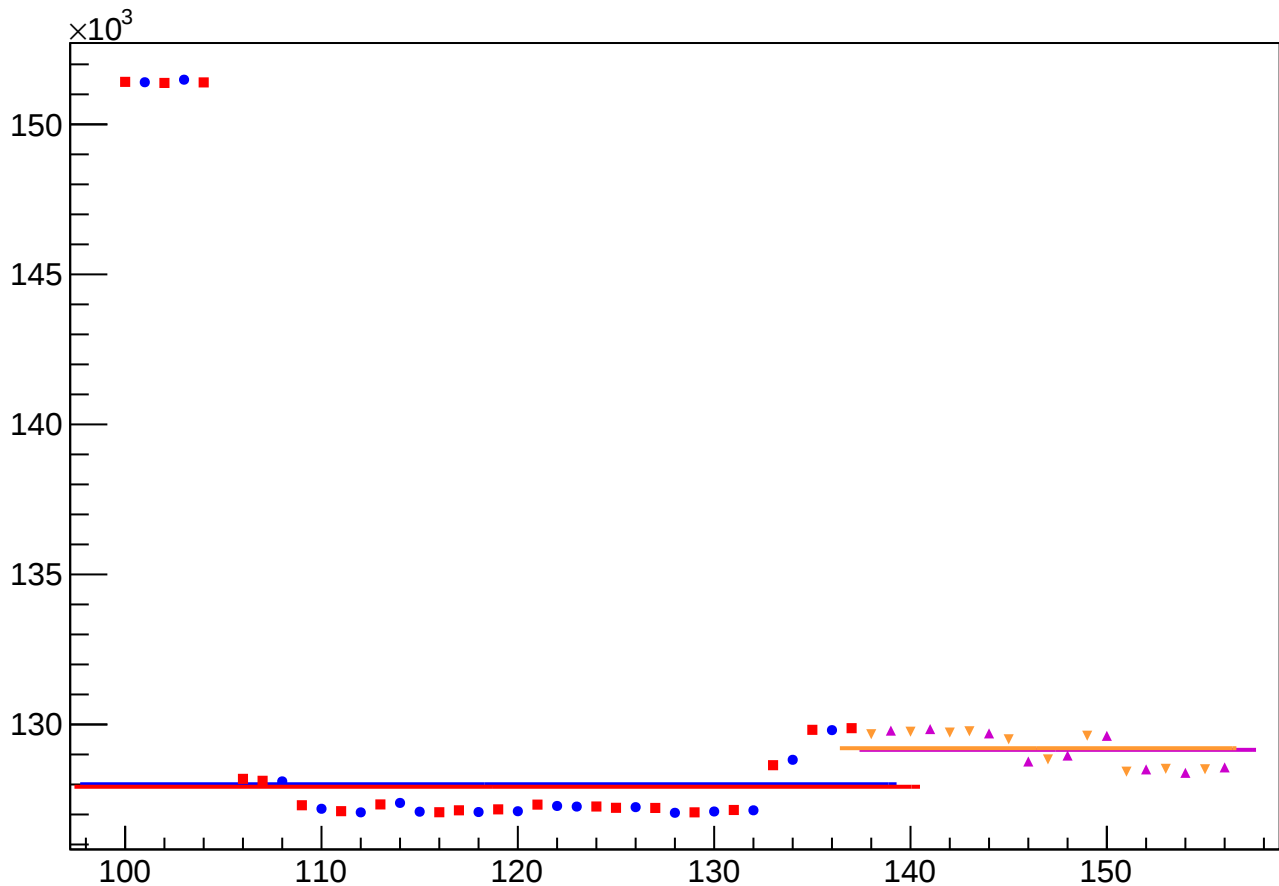
Left In: 203.992+/-0.054 χ^2/NDF : 179864.9/8

171.111+/-0.034 χ^2/NDF : 1900553.5/26

168.798+/-0.024 χ^2/NDF : 4218648.7/55

166.636+/-0.033 χ^2/NDF : 2309058.0/28

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128007.364 $\pm$ 0.054 χ^2 /NDF: 4319785674.5/16

Left Out: 129208.692 $\pm$ 0.063 χ^2 /NDF: 79213676.5/9

Right Out: 127923.940 $\pm$ 0.050 χ^2 /NDF: 3770107280.1/19

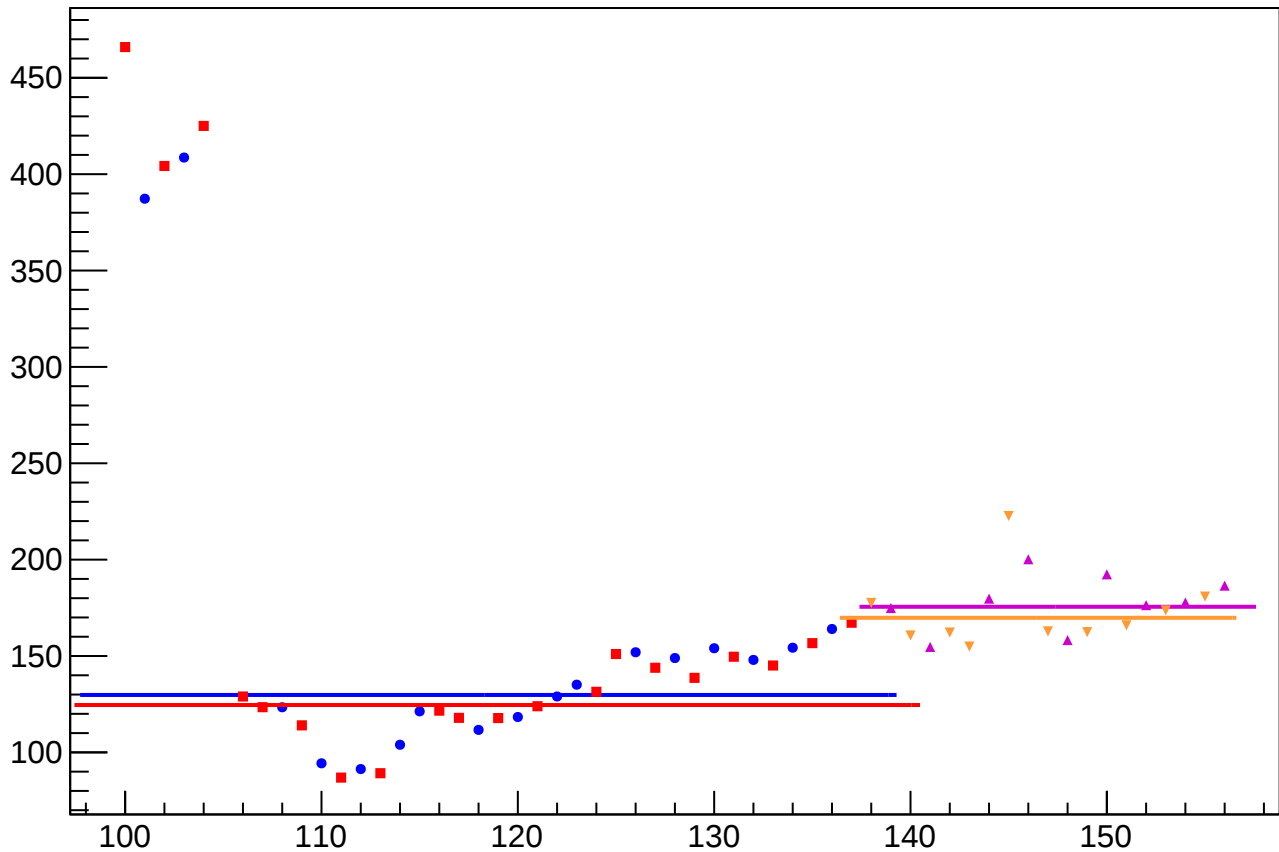
Left In: 129154.333 $\pm$ 0.066 χ^2 /NDF: 76862611.4/8

128514.442 $\pm$ 0.041 χ^2 /NDF: 4606950902.7/26

128444.183 $\pm$ 0.029 χ^2 /NDF: 868153503

128378.257 $\pm$ 0.040 χ^2 /NDF: 4068932078.3/28

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.796 +/- 0.038 χ^2/NDF : 1485294.2/16

Left Out: 169.827 +/- 0.045 χ^2/NDF : 121379.6/9

Right Out: 124.572 +/- 0.035 χ^2/NDF : 1532105.0/19

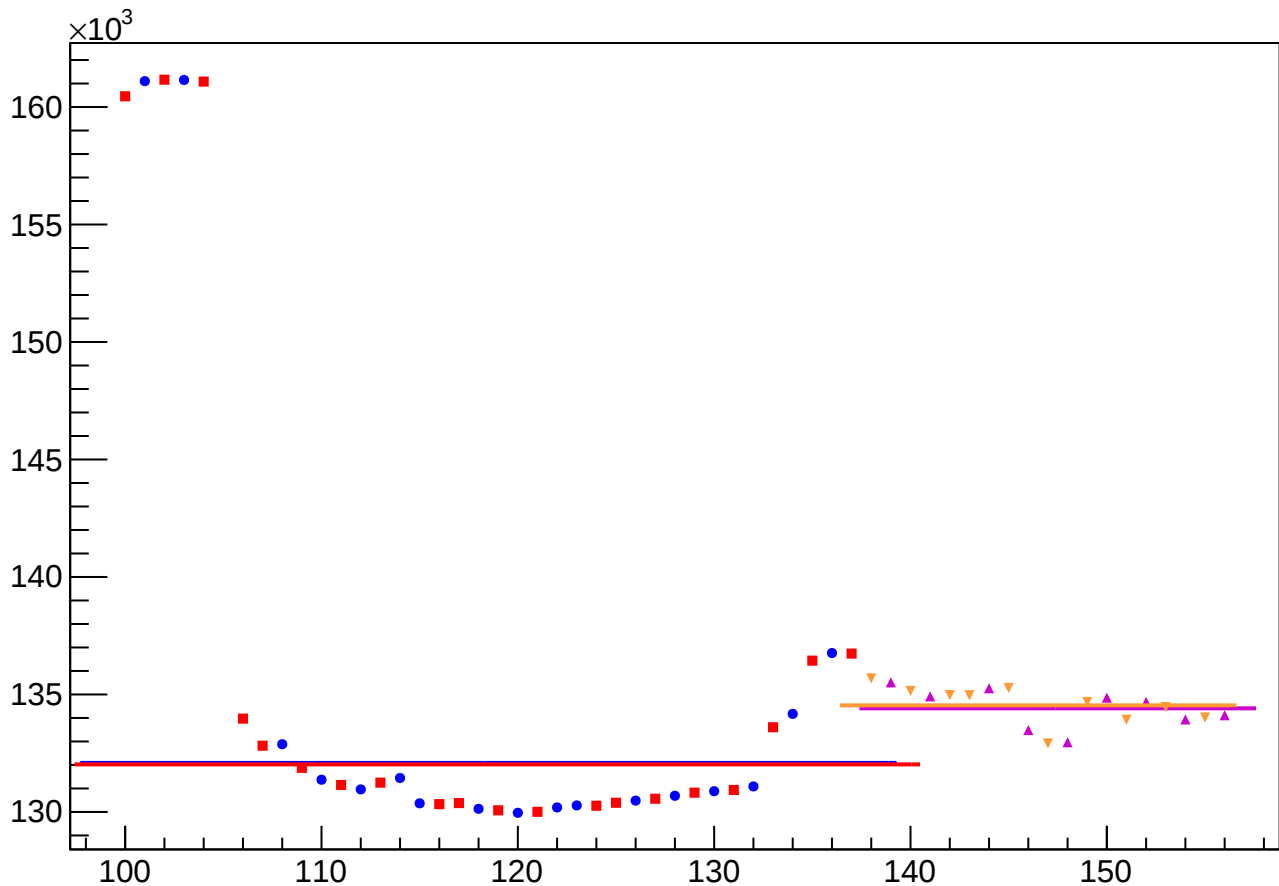
Left In: 175.552 +/- 0.046 χ^2/NDF : 92854.8/8

146.693 +/- 0.029 χ^2/NDF : 2068478.7/26

144.992 +/- 0.020 χ^2/NDF : 4462170.4/55

143.396 +/- 0.028 χ^2/NDF : 2387066.4/28

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 132086.794 ± 0.057 $\chi^2/\text{NDF}: 6733230928.7/16$

Left Out: 134536.333 ± 0.066 $\chi^2/\text{NDF}: 140594666.5/9$

Right Out: 132023.609 ± 0.052 $\chi^2/\text{NDF}: 5890492527.2/19$

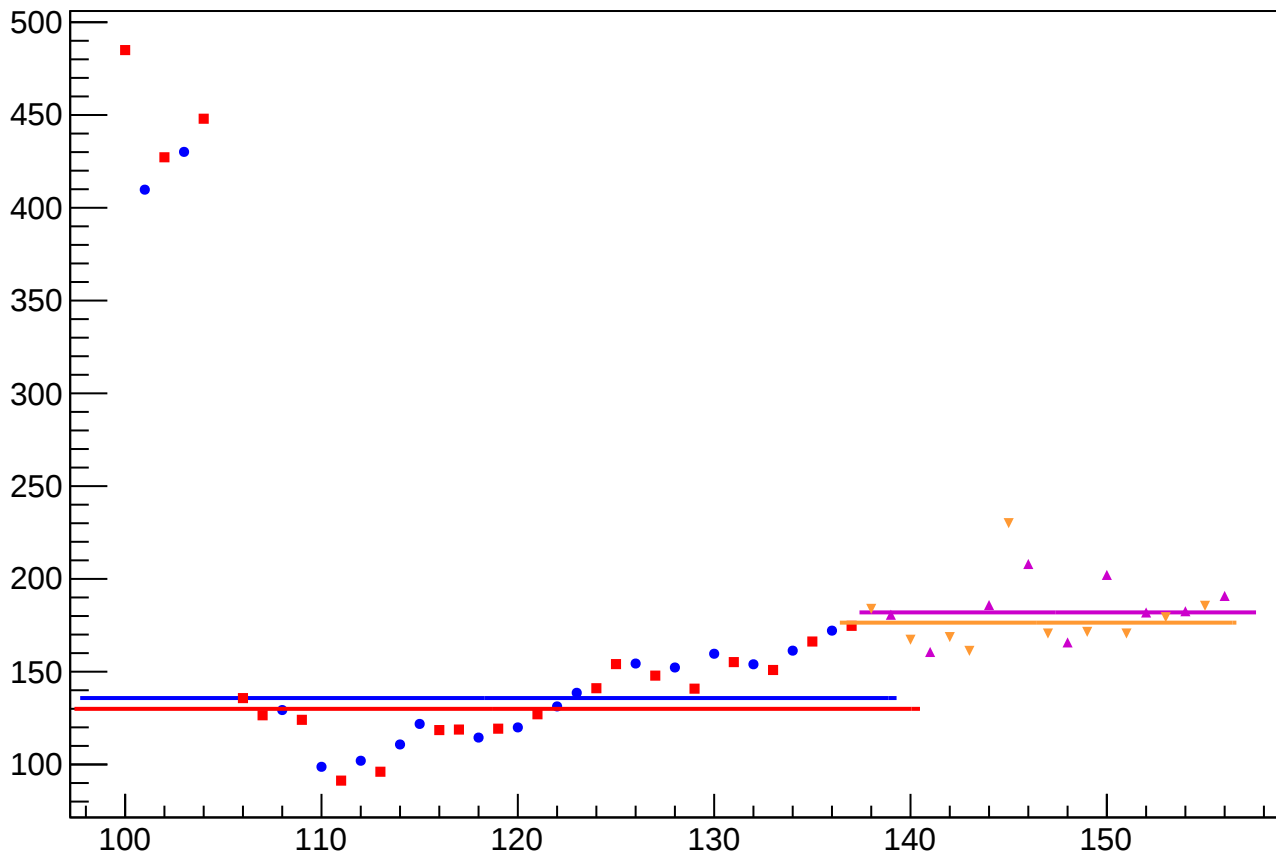
Left In: 134409.715 ± 0.068 $\chi^2/\text{NDF}: 141419370.9/8$

133127.480 ± 0.043 $\chi^2/\text{NDF}: 7671672824.8/20$

133015.583 ± 0.030 $\chi^2/\text{NDF}: 144905618$

132910.931 ± 0.041 $\chi^2/\text{NDF}: 6805703218.4/28$

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.796 +/- 0.040 χ^2/NDF : 1441904.9/16

Left Out: 176.428 +/- 0.047 χ^2/NDF : 112722.6/9

Right Out: 129.975 +/- 0.037 χ^2/NDF : 1504768.0/19

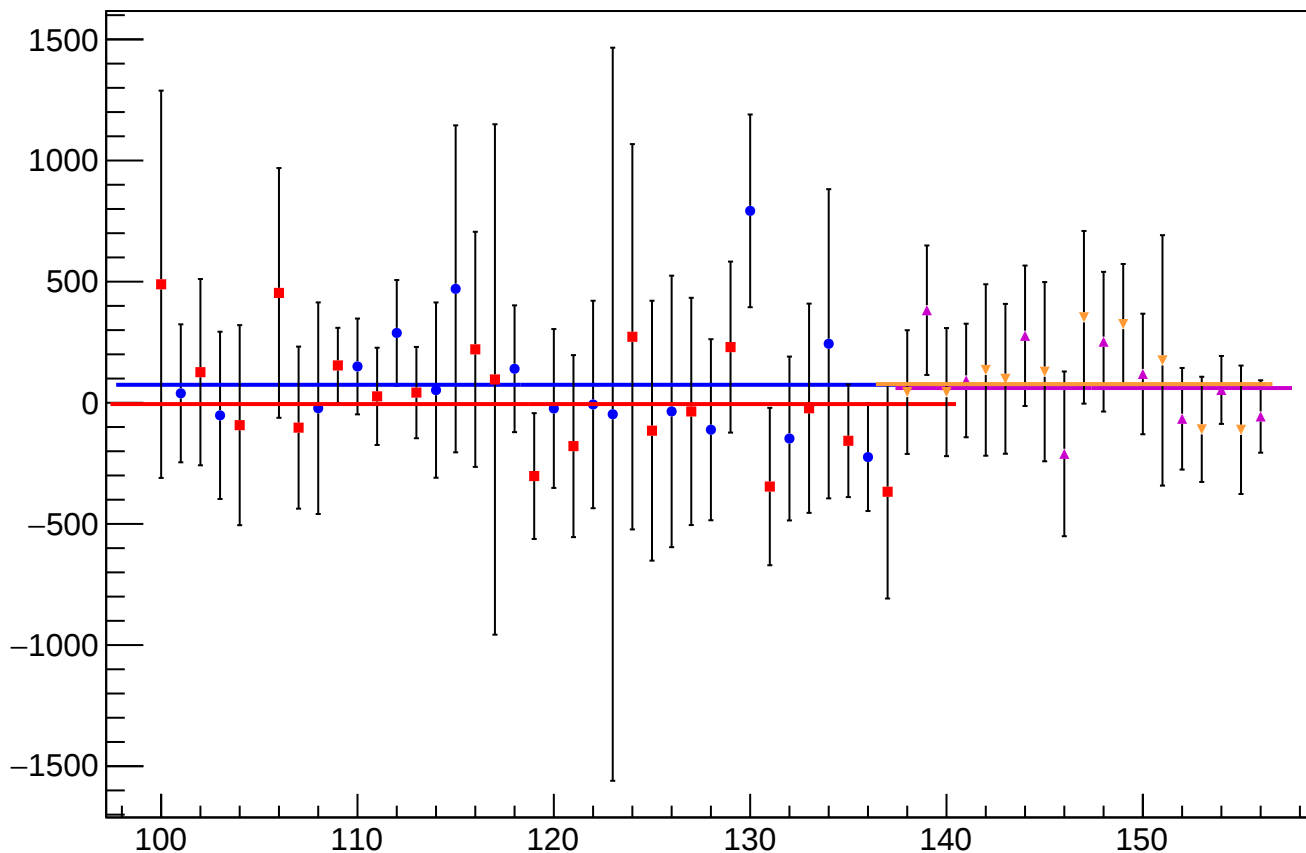
Left In: 181.953 +/- 0.048 χ^2/NDF : 90646.9/8

153.059 +/- 0.030 χ^2/NDF : 1993669.7/26

151.119 +/- 0.021 χ^2/NDF : 4331386.3/55

149.304 +/- 0.029 χ^2/NDF : 2329790.1/28

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 74.294 $\pm$ 79.018 χ^2/NDF : 7.7/16

Left Out: 77.213 $\pm$ 91.781 χ^2/NDF : 3.0/9

Right Out: -5.290 $\pm$ 69.914 χ^2/NDF : 7.1/19

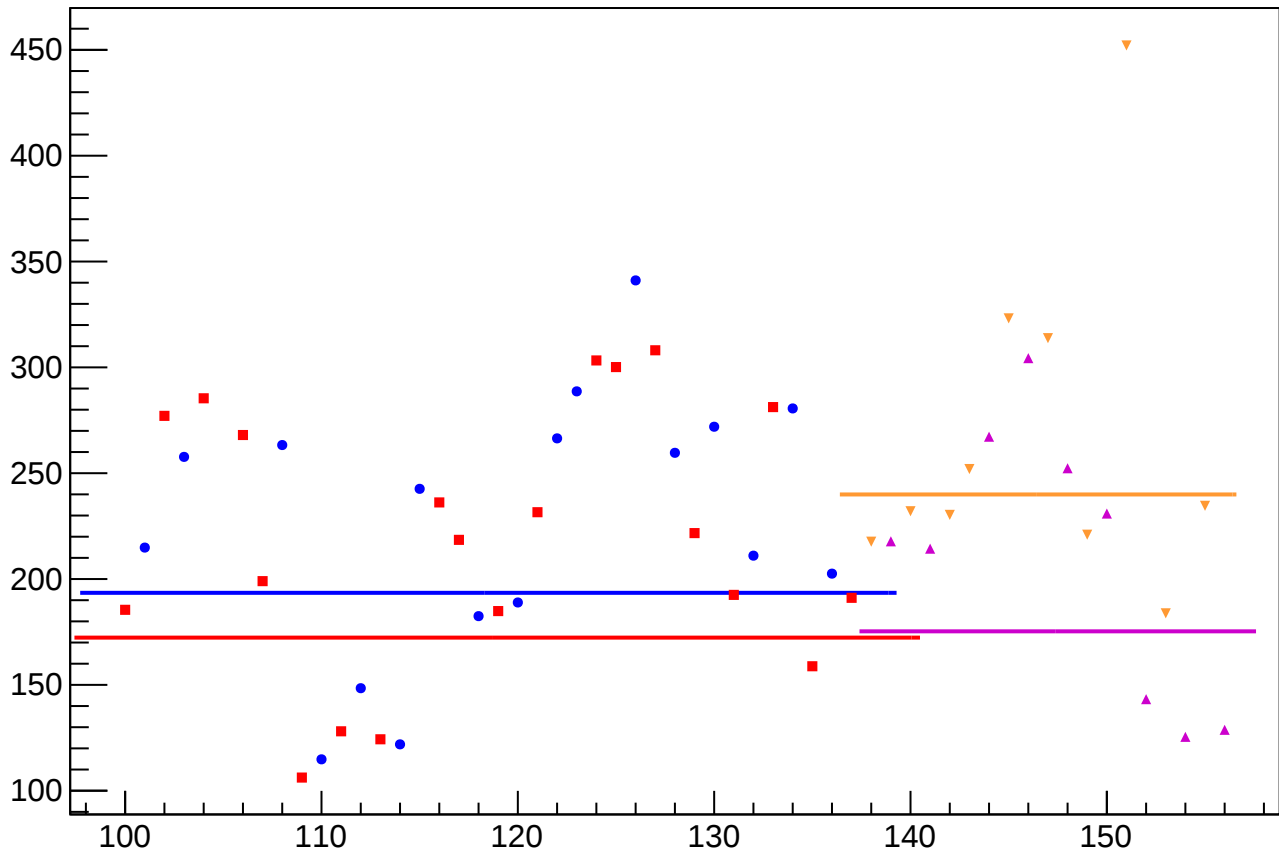
Left In: 60.848 $\pm$ 70.844 χ^2/NDF : 4.1/8

75.536 $\pm$ 59.883 χ^2/NDF : 10.6/26

47.028 $\pm$ 38.272 χ^2/NDF : 22.7/55

27.342 $\pm$ 49.762 χ^2/NDF : 11.7/28

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.488+/-0.056 χ^2/NDF : 1017195.7/16

Left Out: 239.959+/-0.065 χ^2/NDF : 691886.2/9

Right Out: 172.327+/-0.049 χ^2/NDF : 1583701.4/19

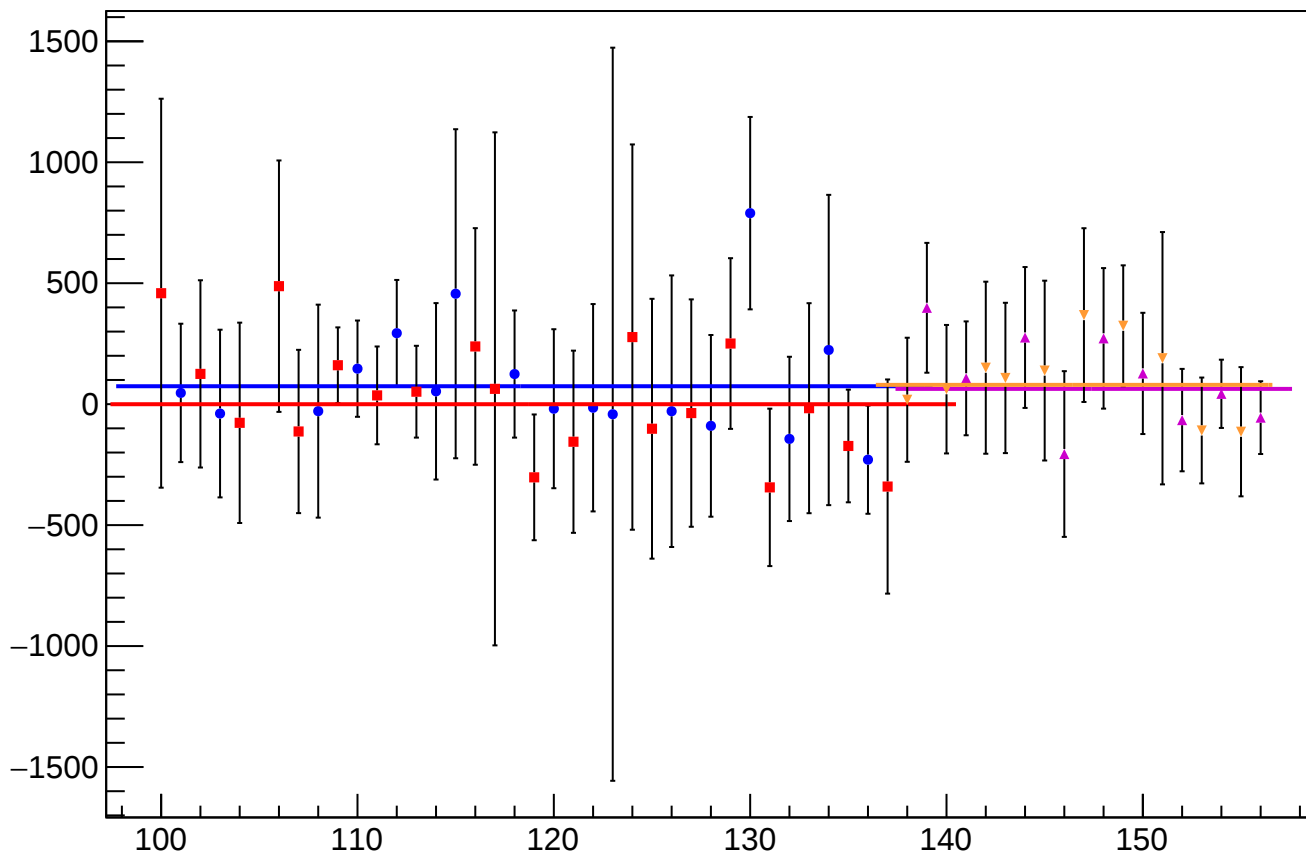
Left In: 175.291+/-0.050 χ^2/NDF : 1331359.5/8

213.270+/-0.042 χ^2/NDF : 2003541.4/26

189.916+/-0.027 χ^2/NDF : 5434613.6/55

173.789+/-0.035 χ^2/NDF : 2916835.4/28

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 74.098 $\pm$ 79.404 χ^2 /NDF: 7.6/16

Left Out: 79.749 $\pm$ 92.344 χ^2 /NDF: 3.1/9

Right Out: -0.223 $\pm$ 70.282 χ^2 /NDF: 7.3/19

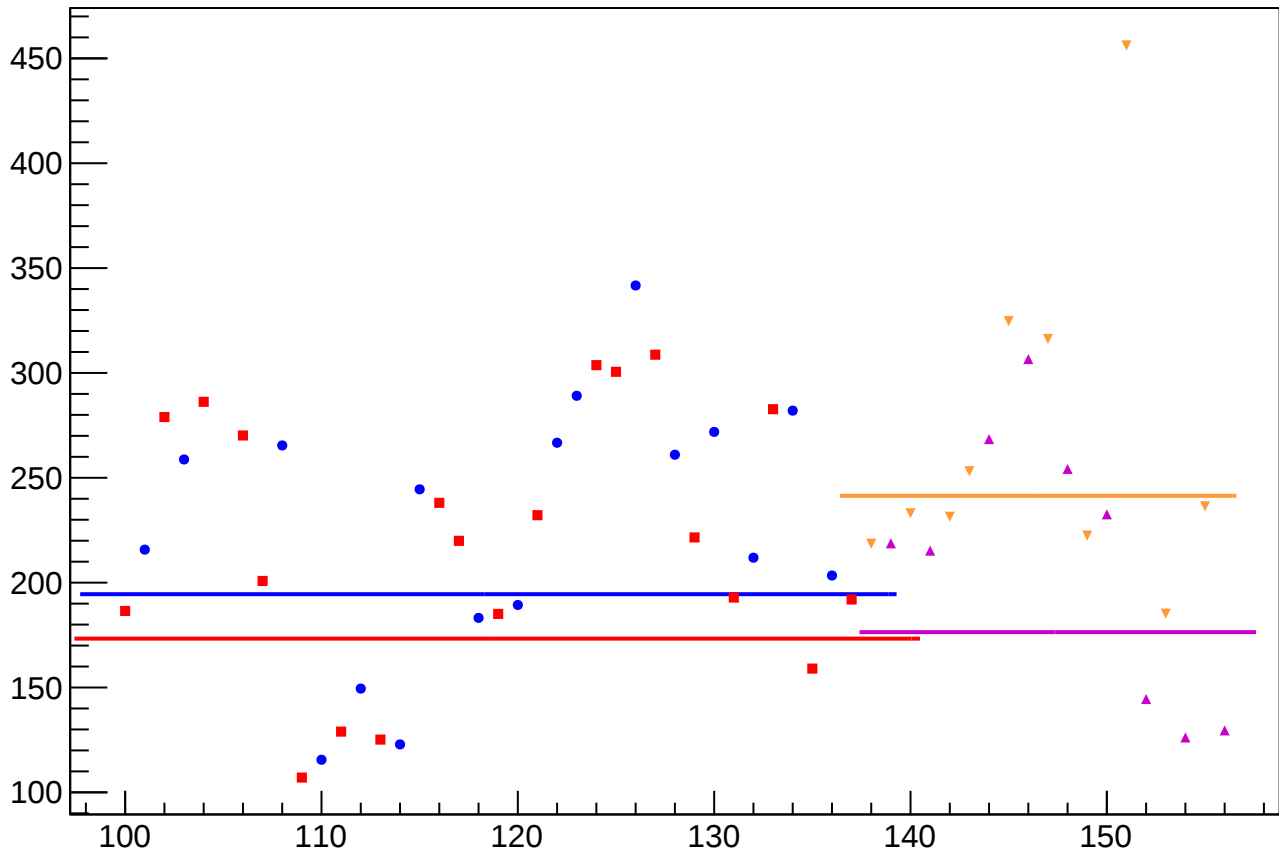
Left In: 63.096 $\pm$ 71.288 χ^2 /NDF: 4.3/8

76.500 $\pm$ 60.207 χ^2 /NDF: 10.6/26

49.586 $\pm$ 38.487 χ^2 /NDF: 23.0/55

30.987 $\pm$ 50.049 χ^2 /NDF: 12.1/28

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.496 $\pm$ 0.056 χ^2 /NDF: 1008514.7/16

Left Out: 241.416 $\pm$ 0.065 χ^2 /NDF: 692819.1/9

Right Out: 173.317 $\pm$ 0.050 χ^2 /NDF: 1571258.4/19

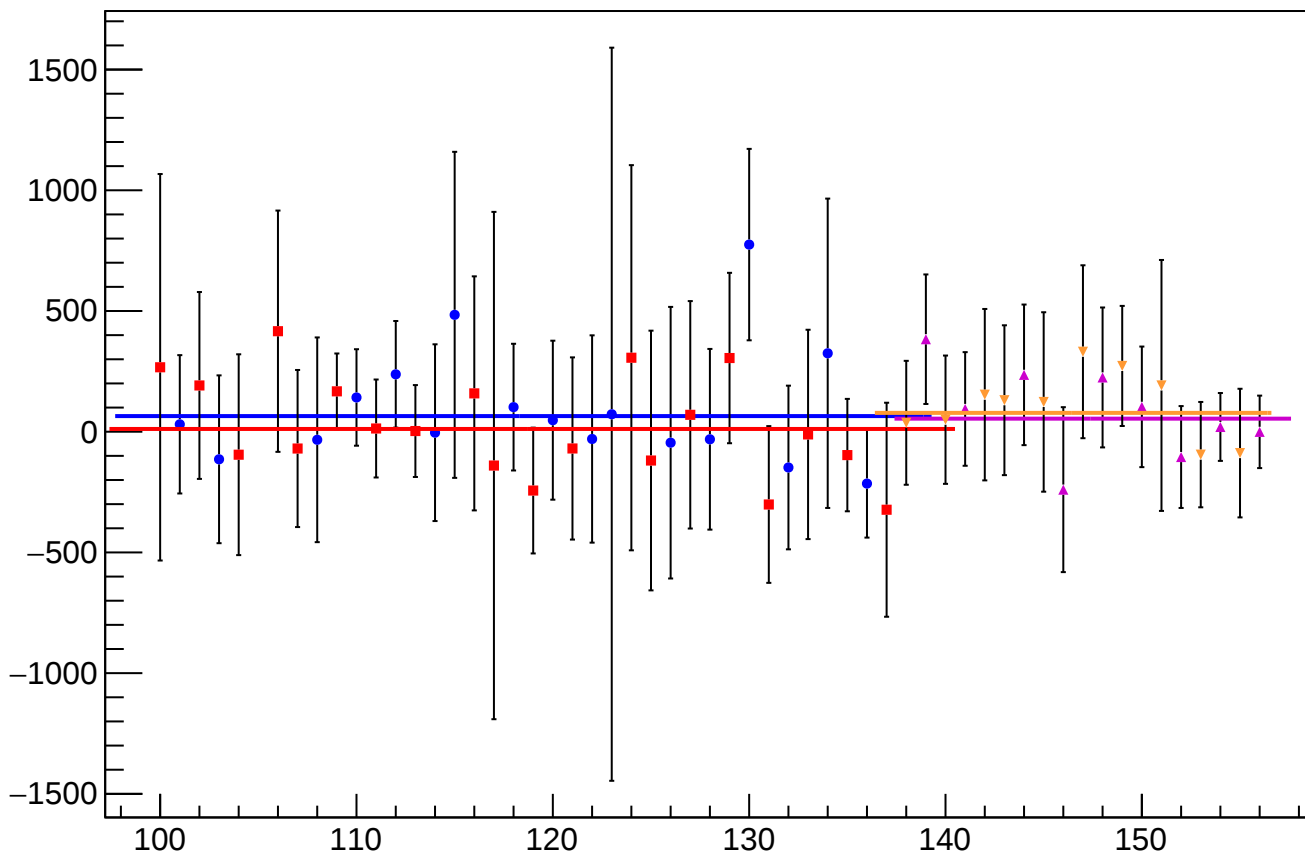
Left In: 176.389 $\pm$ 0.050 χ^2 /NDF: 1330016.2/8

214.441 $\pm$ 0.043 χ^2 /NDF: 1998181.9/26

191.017 $\pm$ 0.027 χ^2 /NDF: 5413256.0/55

174.831 $\pm$ 0.035 χ^2 /NDF: 2903157.7/28

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 64.733+/-79.399 χ^2/NDF : 7.0/16

Left Out: 78.052+/-92.187 χ^2/NDF : 2.3/9

Right Out: 11.414+/-70.204 χ^2/NDF : 5.8/19

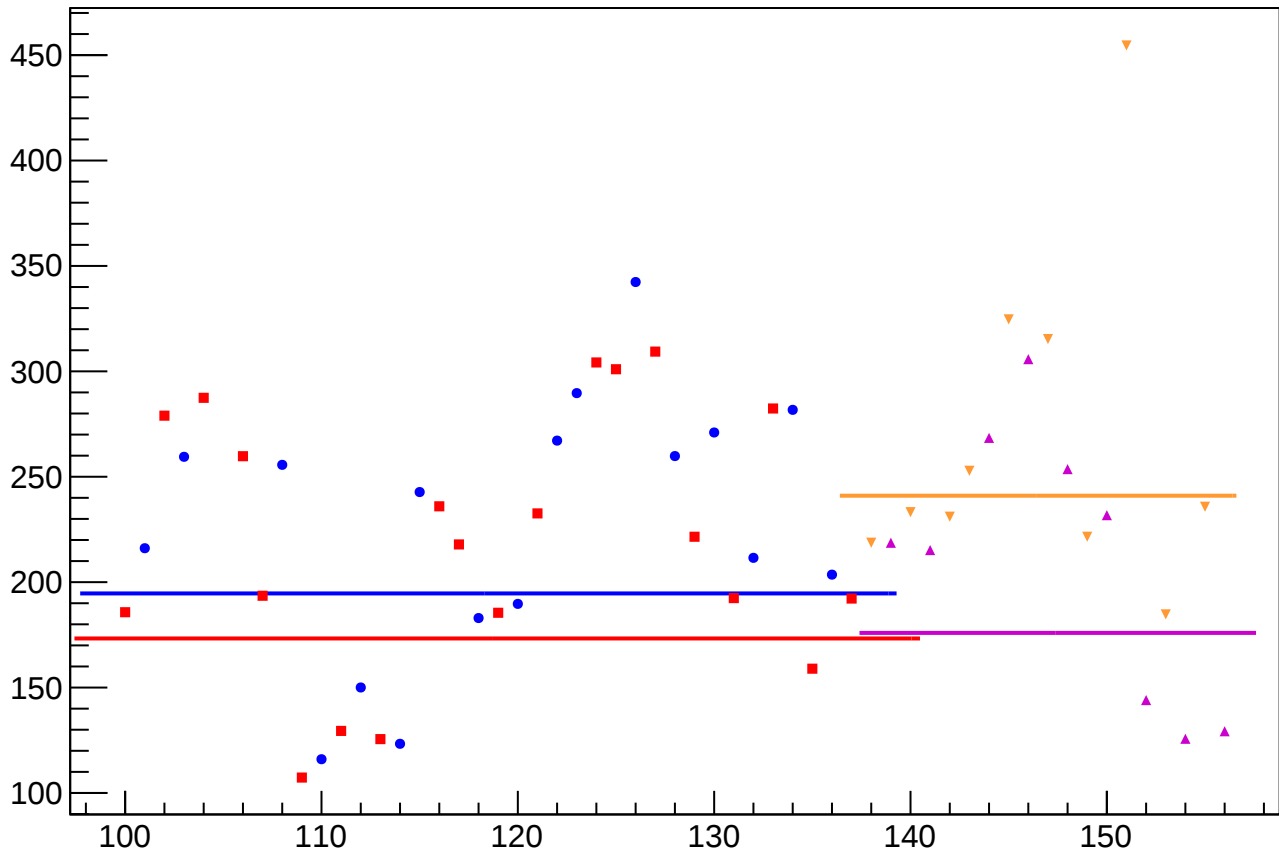
Left In: 54.088+/-71.115 χ^2/NDF : 3.8/8

70.405+/-60.161 χ^2/NDF : 9.3/26

47.957+/-38.435 χ^2/NDF : 19.4/55

32.476+/-49.961 χ^2/NDF : 9.8/28

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.652 +/- 0.056 χ^2/NDF : 986798.9/16

Left Out: 241.011 +/- 0.065 χ^2/NDF : 692685.4/9

Right Out: 173.289 +/- 0.050 χ^2/NDF : 1548162.6/19

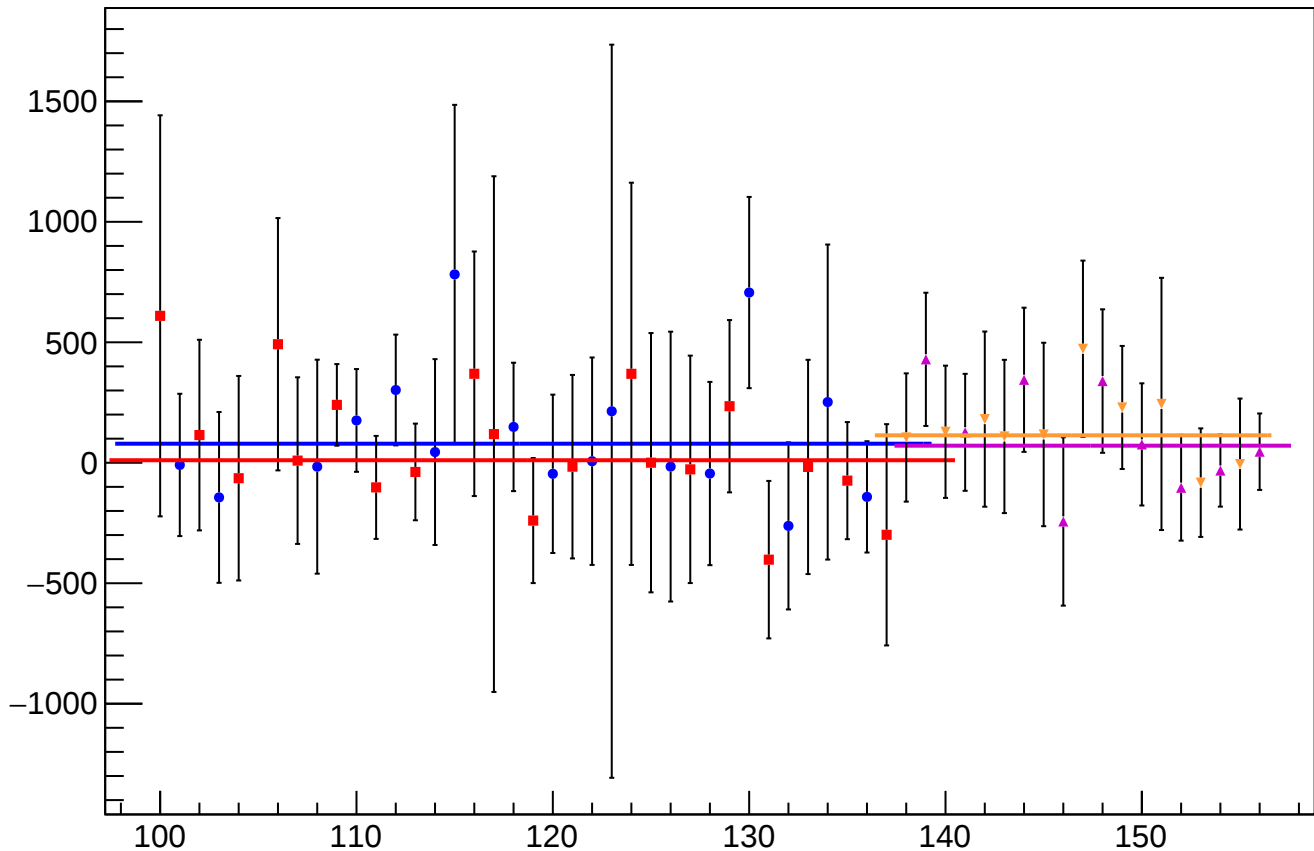
Left In: 175.927 +/- 0.050 χ^2/NDF : 1335376.7/8

214.395 +/- 0.043 χ^2/NDF : 1969863.4/26

190.837 +/- 0.027 χ^2/NDF : 5372962.7/55

174.591 +/- 0.035 χ^2/NDF : 2884933.0/28

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 79.128 $\pm$ 81.874 χ^2 /NDF: 7.5/16

Left Out: 113.922 $\pm$ 94.727 χ^2 /NDF: 2.2/9

Right Out: 10.491 $\pm$ 73.139 χ^2 /NDF: 7.9/19

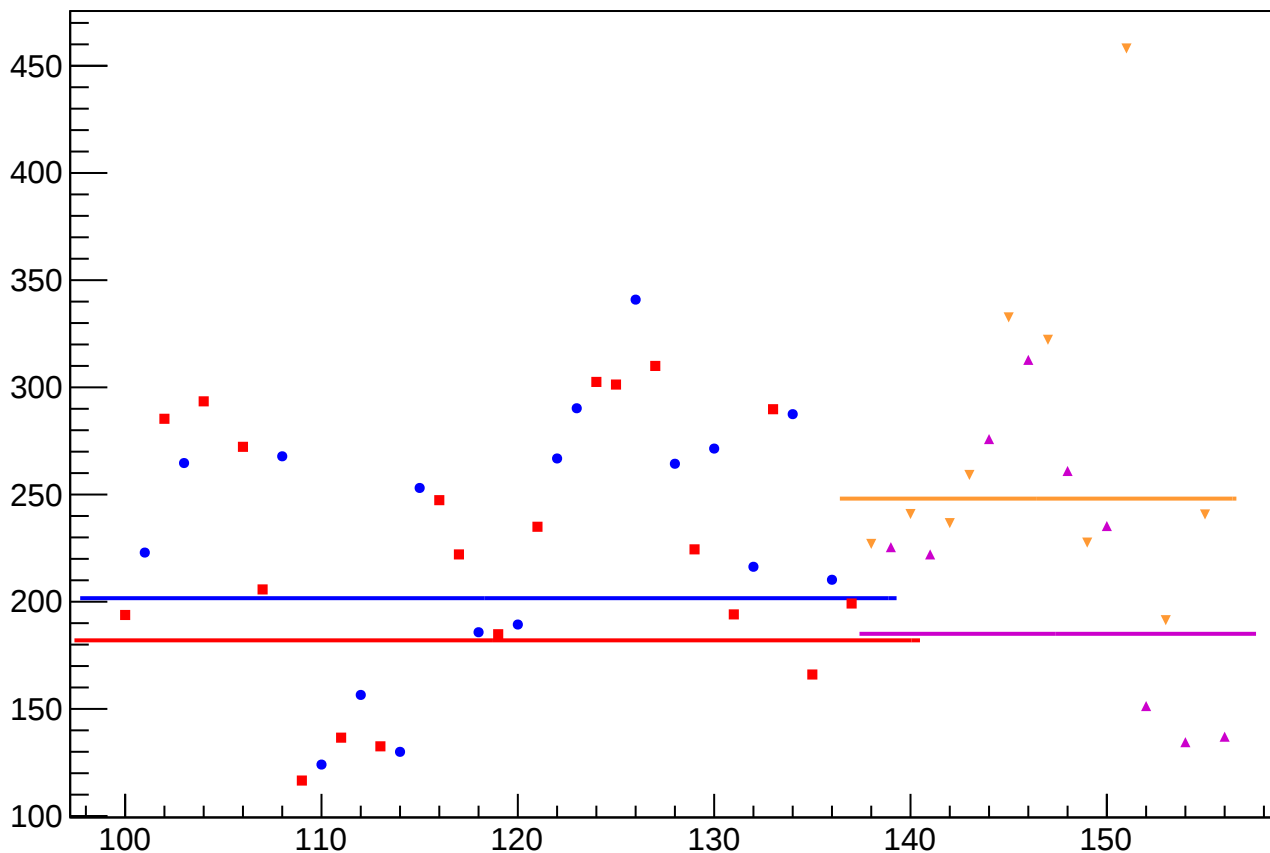
Left In: 70.912 $\pm$ 74.265 χ^2 /NDF: 5.3/8

94.006 $\pm$ 61.944 χ^2 /NDF: 9.8/26

62.522 $\pm$ 39.877 χ^2 /NDF: 23.8/55

40.240 $\pm$ 52.110 χ^2 /NDF: 13.5/28

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 201.654 +/- 0.058 χ^2/NDF : 883179.7/16

Left Out: 248.104 +/- 0.067 χ^2/NDF : 662180.0/9

Right Out: 181.986 +/- 0.052 χ^2/NDF : 1380269.0/19

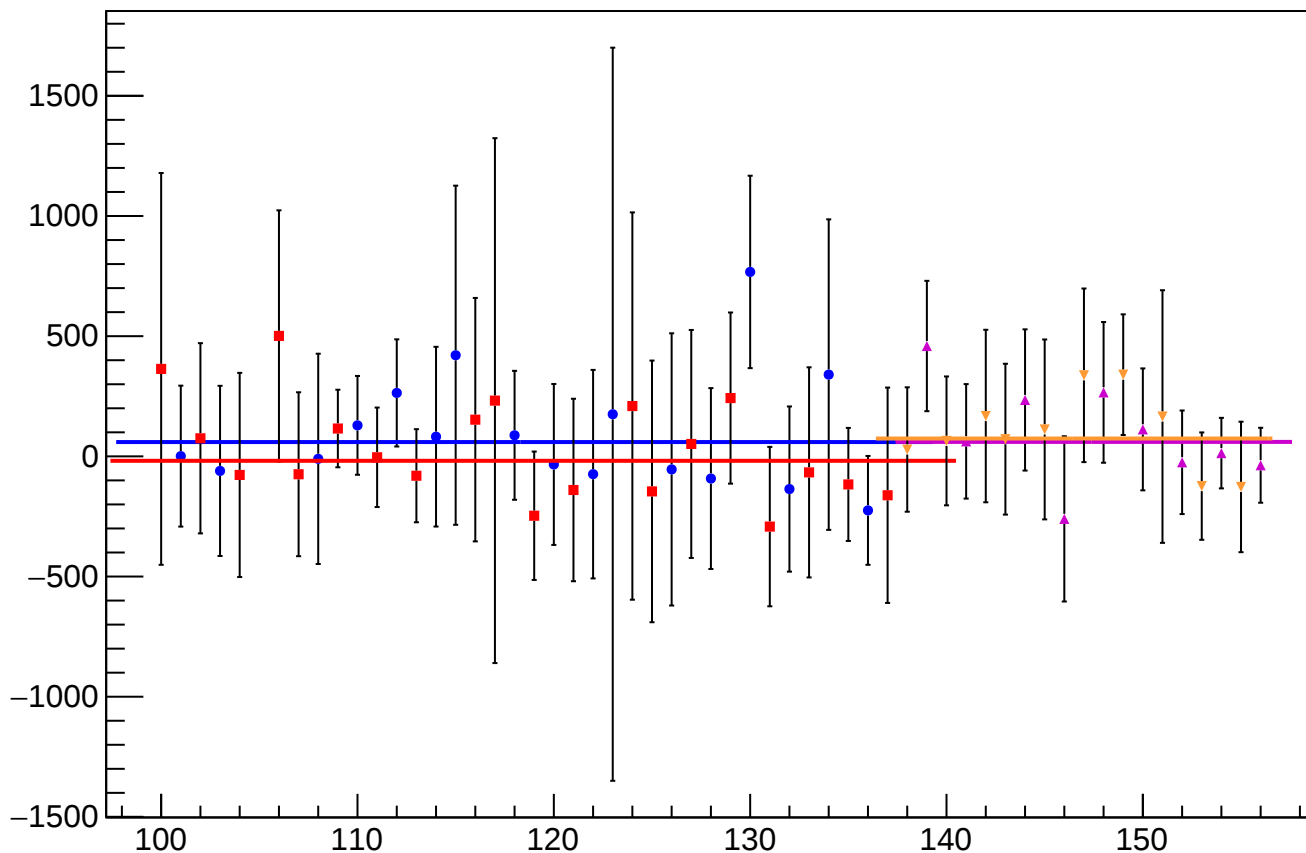
Left In: 185.032 +/- 0.053 χ^2/NDF : 1208208.0/8

221.516 +/- 0.044 χ^2/NDF : 1820614.1/26

199.246 +/- 0.028 χ^2/NDF : 4852254.5/55

183.486 +/- 0.037 χ^2/NDF : 2590185.9/28

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 59.496 $\pm$ 80.808 χ^2/NDF : 7.0/16

Left Out: 74.309 $\pm$ 93.380 χ^2/NDF : 3.1/9

Right Out: -18.457 $\pm$ 71.711 χ^2/NDF : 4.8/19

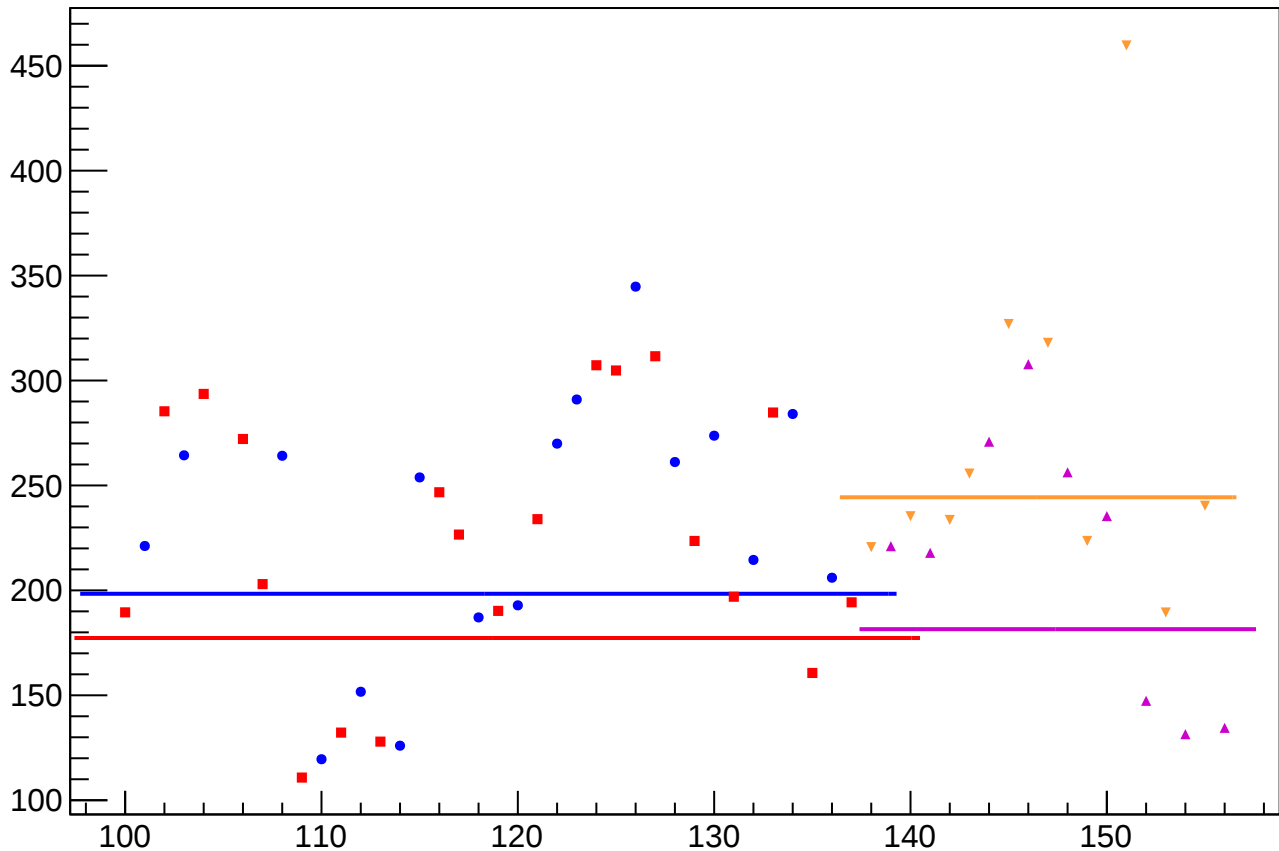
Left In: 60.147 $\pm$ 73.006 χ^2/NDF : 4.6/8

65.839 $\pm$ 61.105 χ^2/NDF : 10.2/26

38.973 $\pm$ 39.226 χ^2/NDF : 20.4/55

20.142 $\pm$ 51.159 χ^2/NDF : 9.9/28

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.378 $\pm$ 0.057 χ^2 /NDF: 963672.6/16

Left Out: 244.358 $\pm$ 0.066 χ^2 /NDF: 674677.6/9

Right Out: 177.309 $\pm$ 0.051 χ^2 /NDF: 1528855.2/19

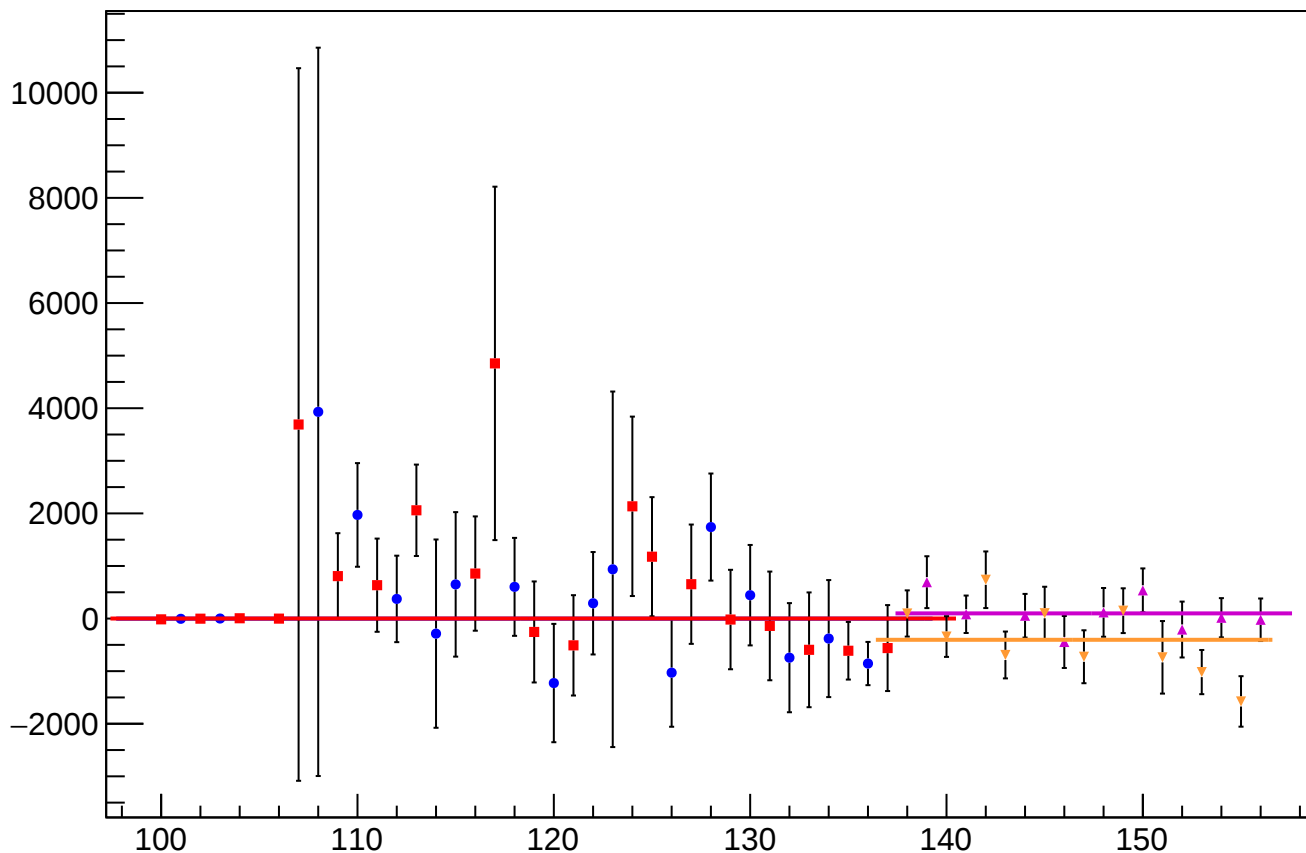
Left In: 181.512 $\pm$ 0.052 χ^2 /NDF: 1229255.4/8

218.067 $\pm$ 0.043 χ^2 /NDF: 1915615.2/26

195.319 $\pm$ 0.028 χ^2 /NDF: 5148576.3/55

179.373 $\pm$ 0.036 χ^2 /NDF: 2761484.1/28

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.529 ± 2.251 χ^2/NDF : 17.0/16

Left Out: -403.654 ± 147.643 χ^2/NDF : 17.7/9

Right Out: 0.728 ± 2.111 χ^2/NDF : 21.4/19

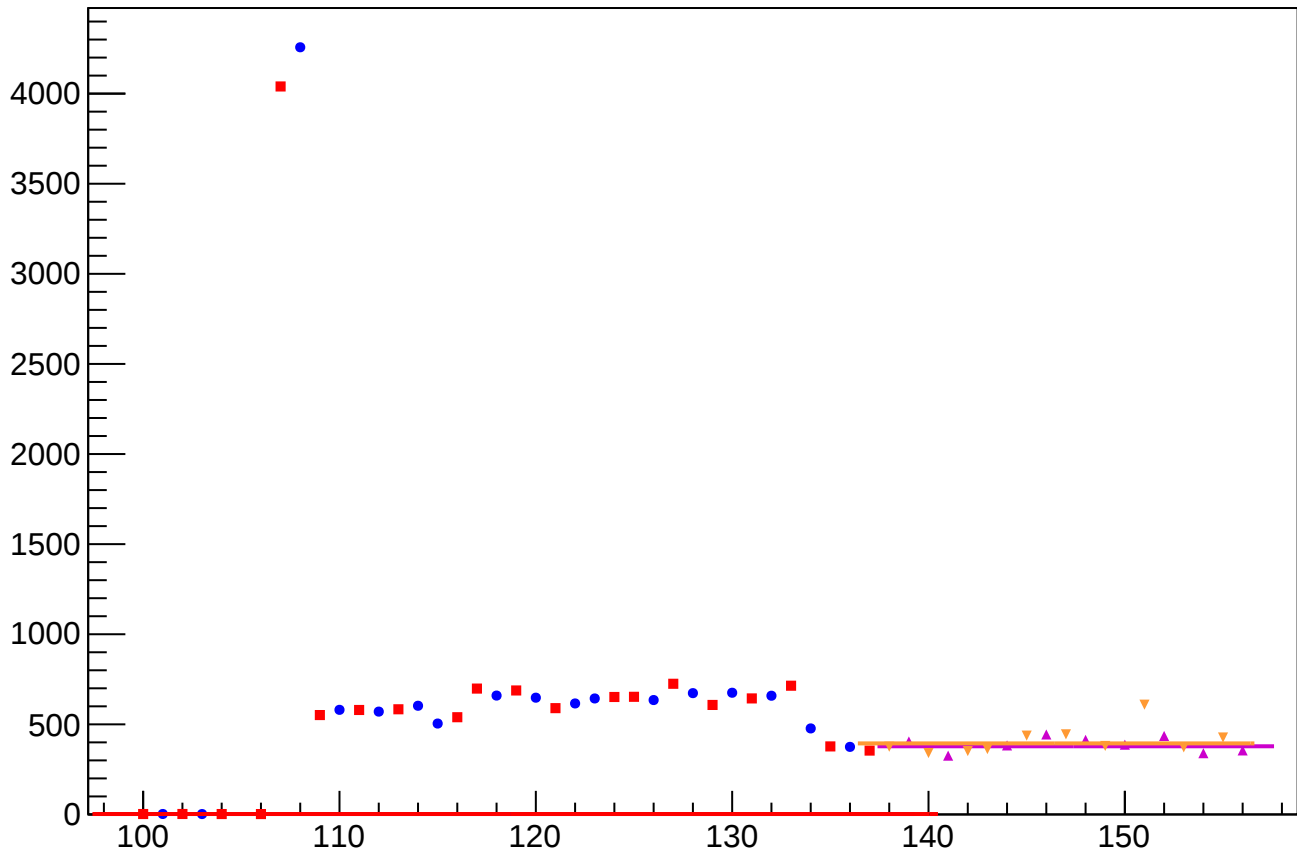
Left In: 98.649 ± 142.648 χ^2/NDF : 4.2/8

-1.623 ± 2.251 χ^2/NDF : 42.0/26

-0.360 ± 1.540 χ^2/NDF : 68.7/55

0.750 ± 2.111 χ^2/NDF : 26.1/28

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.457+/-0.002 χ^2/NDF : 10847802.4/16

Left Out: 394.318+/-0.104 χ^2/NDF : 310184.5/9

Right Out: 2.437+/-0.001 χ^2/NDF : 11233207.9/19

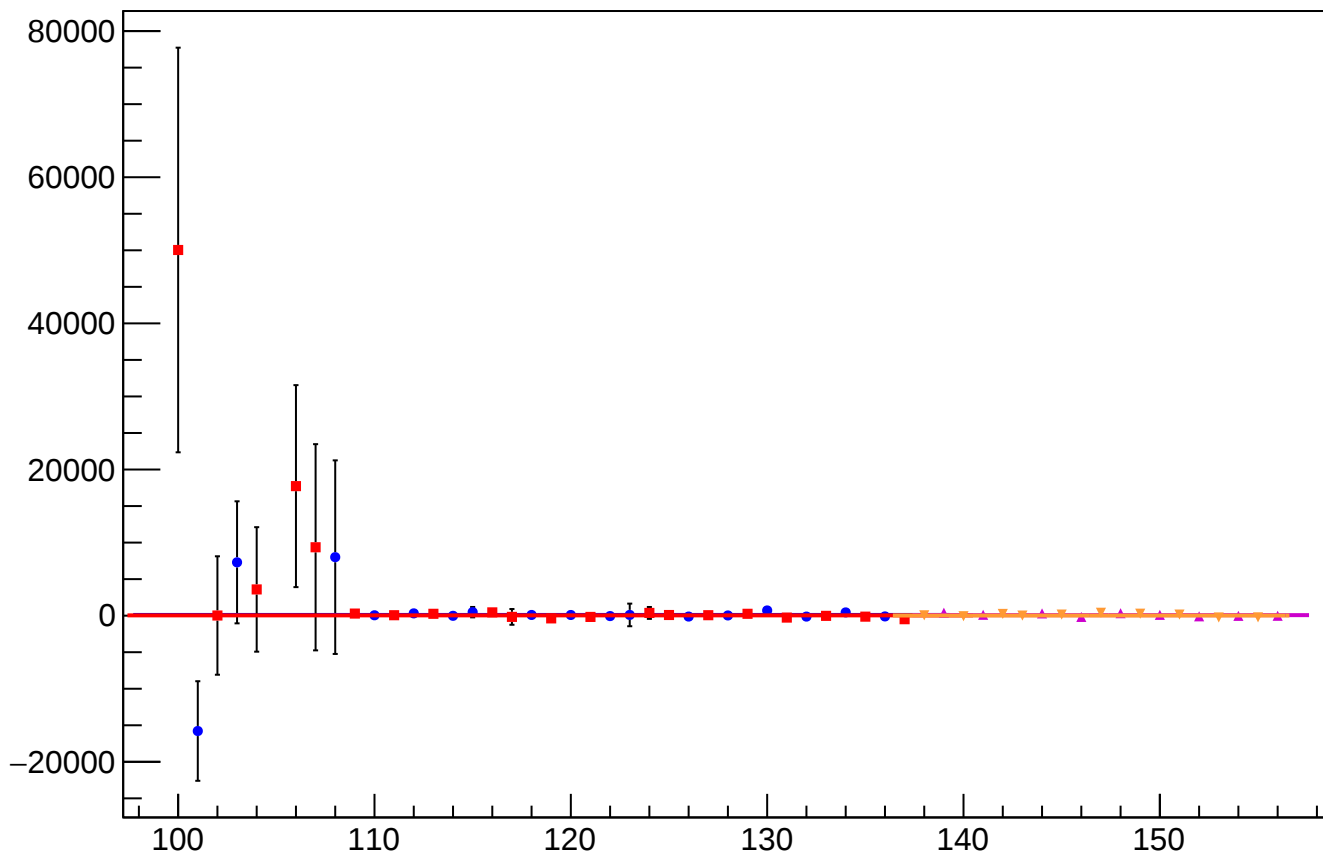
Left In: 378.316+/-0.101 χ^2/NDF : 147690.5/8

2.548+/-0.002 χ^2/NDF : 25243355.7/26

2.533+/-0.001 χ^2/NDF : 50507890.4/55

2.519+/-0.001 χ^2/NDF : 25264364.9/28

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 98.643+/-90.860 χ^2/NDF : 11.9/16

Left Out: 22.262+/-99.214 χ^2/NDF : 4.3/9

Right Out: 41.024+/-84.237 χ^2/NDF : 13.9/19

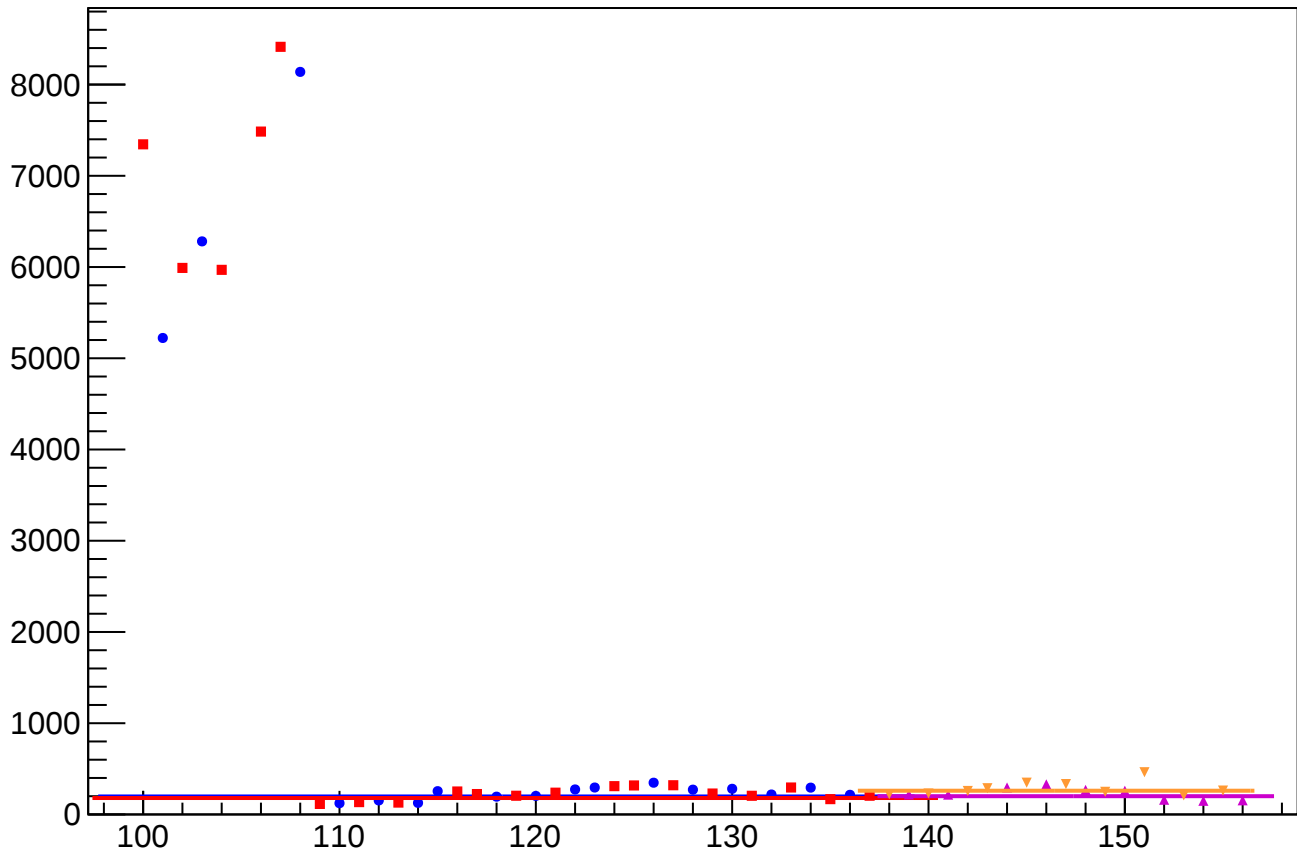
Left In: 73.088+/-79.566 χ^2/NDF : 4.4/8

63.803+/-67.007 χ^2/NDF : 16.5/26

60.460+/-43.785 χ^2/NDF : 34.9/55

57.970+/-57.843 χ^2/NDF : 18.4/28

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.086 ± 0.064 χ^2/NDF : 3693614.0/16

Left Out: 260.191 ± 0.070 χ^2/NDF : 642796.7/9

Right Out: 180.217 ± 0.060 χ^2/NDF : 4324457.3/19

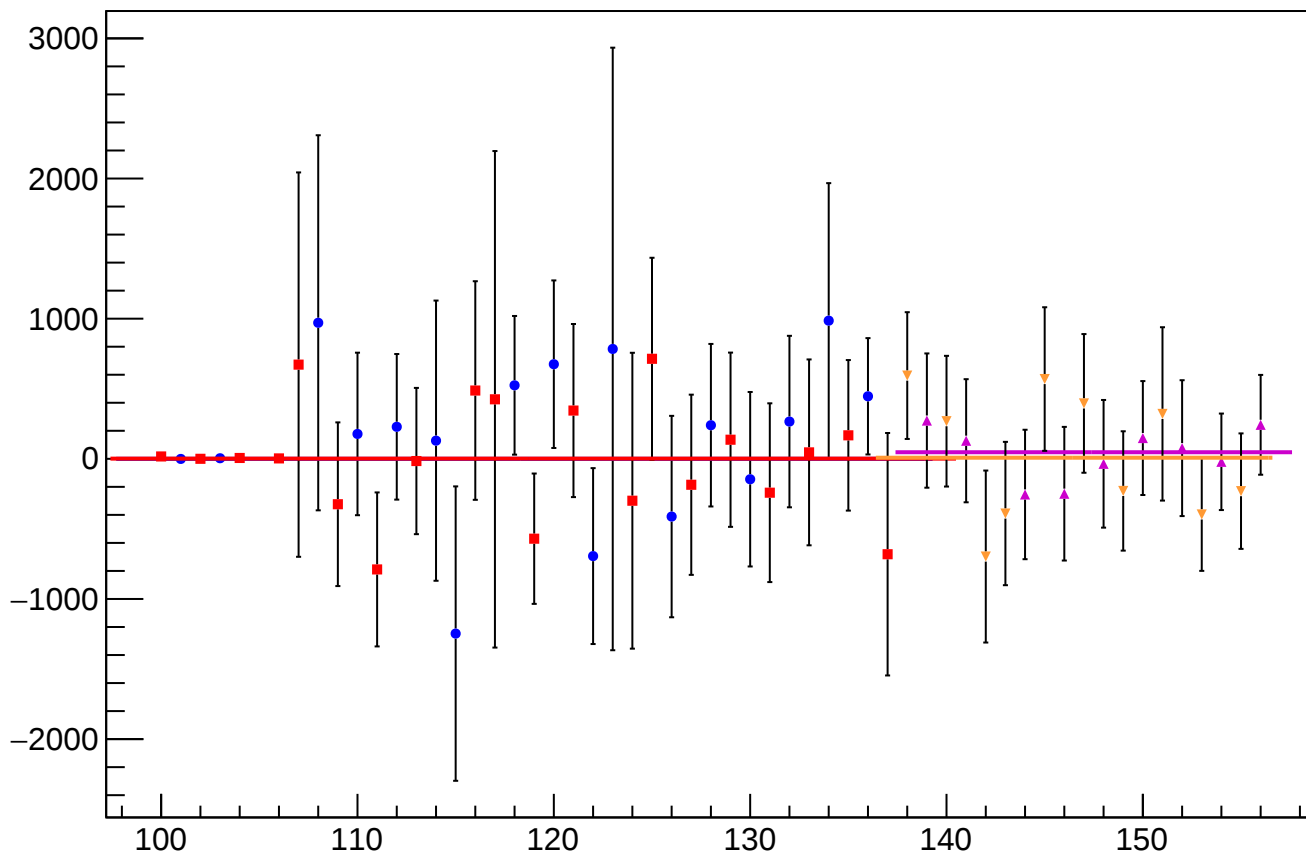
Left In: 200.151 ± 0.056 χ^2/NDF : 1005341.9/8

225.870 ± 0.047 χ^2/NDF : 4776461.4/26

205.747 ± 0.031 χ^2/NDF : 10480231.8/55

190.752 ± 0.041 χ^2/NDF : 5388986.4/28

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.138 ± 1.737 χ^2/NDF : 9.7/16

Left Out: 7.837 ± 150.667 χ^2/NDF : 7.6/9

Right Out: 1.324 ± 1.623 χ^2/NDF : 9.7/19

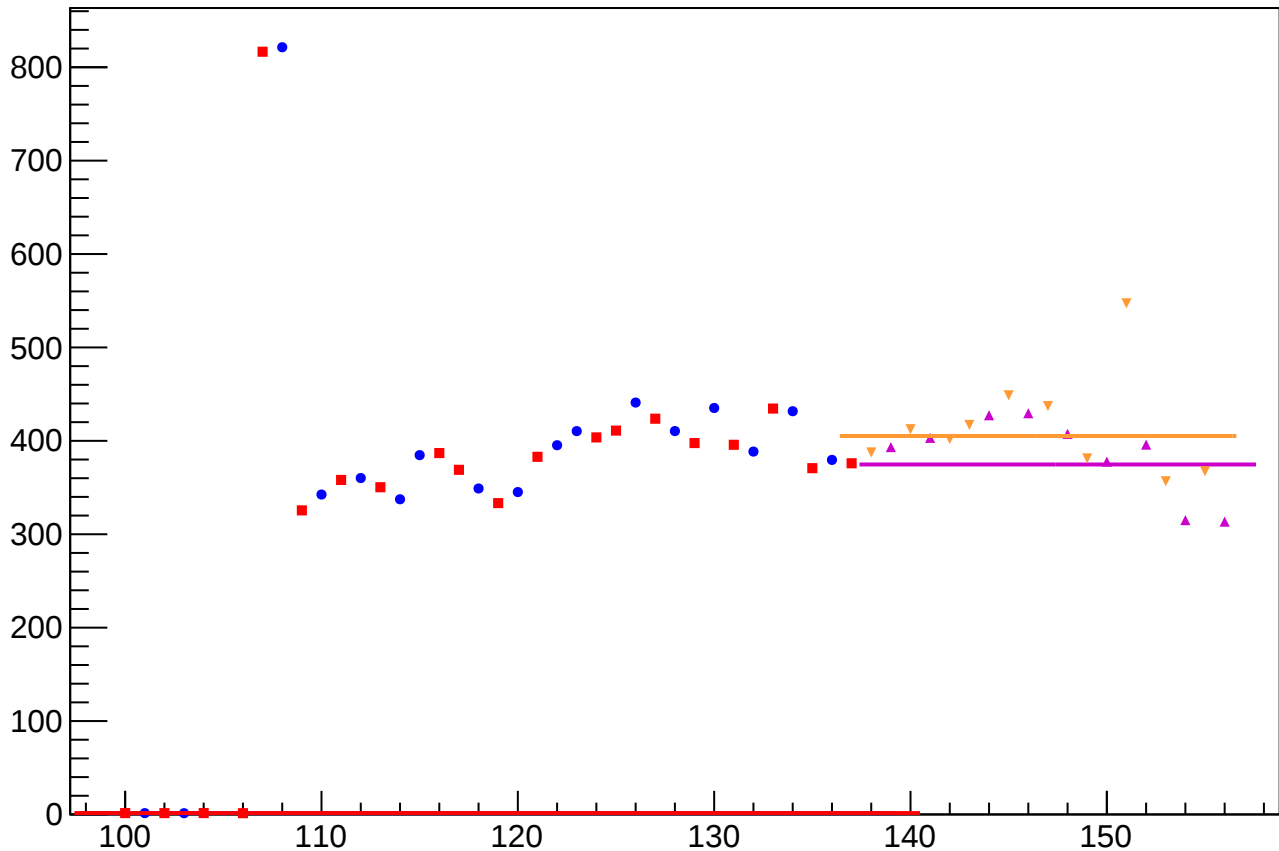
Left In: 47.001 ± 141.307 χ^2/NDF : 1.5/8

-0.137 ± 1.736 χ^2/NDF : 17.4/26

0.646 ± 1.186 χ^2/NDF : 29.1/55

1.330 ± 1.622 χ^2/NDF : 11.3/28

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.453+/-0.001 χ^2/NDF : 10957986.8/16

Left Out: 405.183+/-0.107 χ^2/NDF : 185122.6/9

Right Out: 1.451+/-0.001 χ^2/NDF : 10966832.6/19

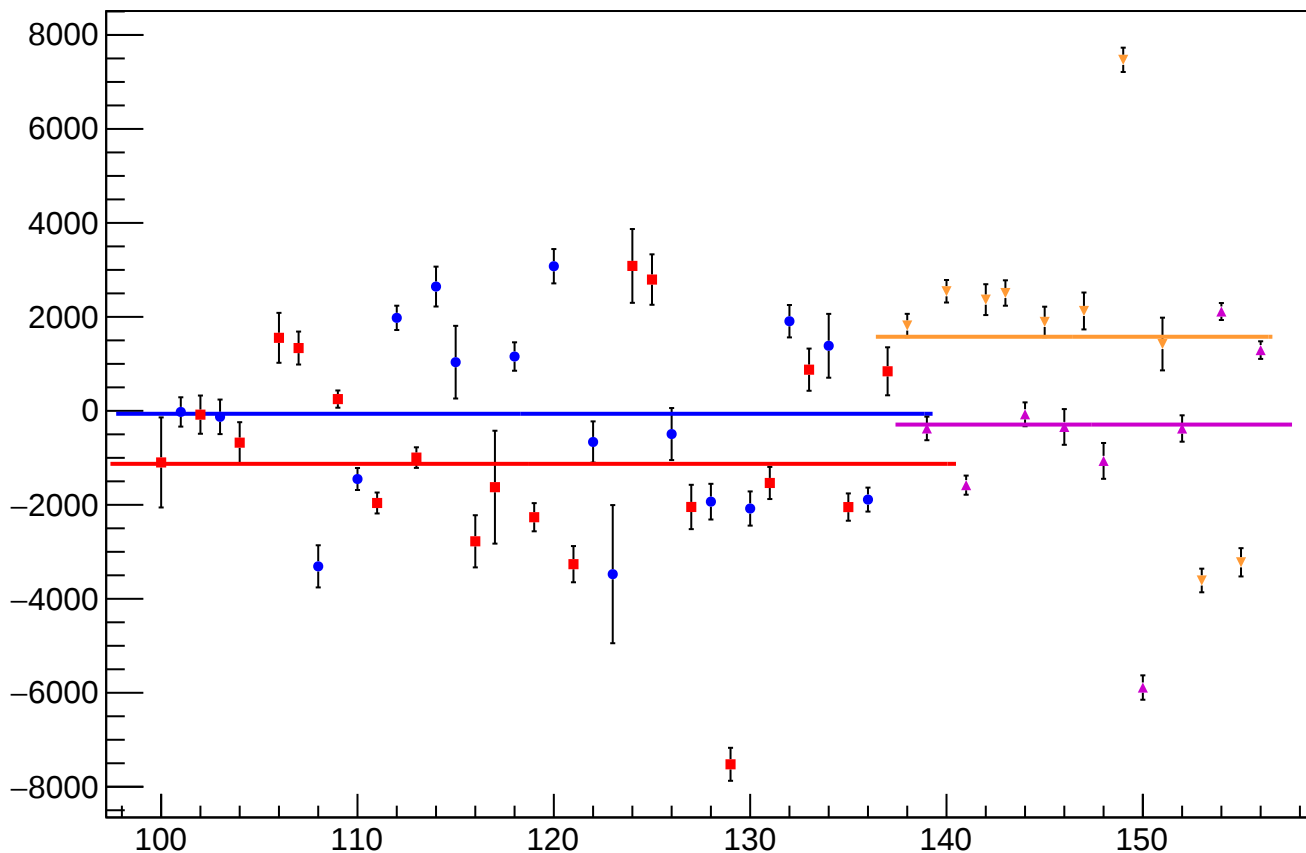
Left In: 374.689+/-0.100 χ^2/NDF : 197297.3/8

1.506+/-0.001 χ^2/NDF : 25501947.1/26

1.503+/-0.001 χ^2/NDF : 50617565.3/55

1.501+/-0.001 χ^2/NDF : 25115606.0/28

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -62.164 ± 87.424 χ^2/NDF : 433.9/16

Left Out: 1577.034 ± 92.210 χ^2/NDF : 1236.2/9

Right Out: -1127.552 ± 78.203 χ^2/NDF : 671.4/19

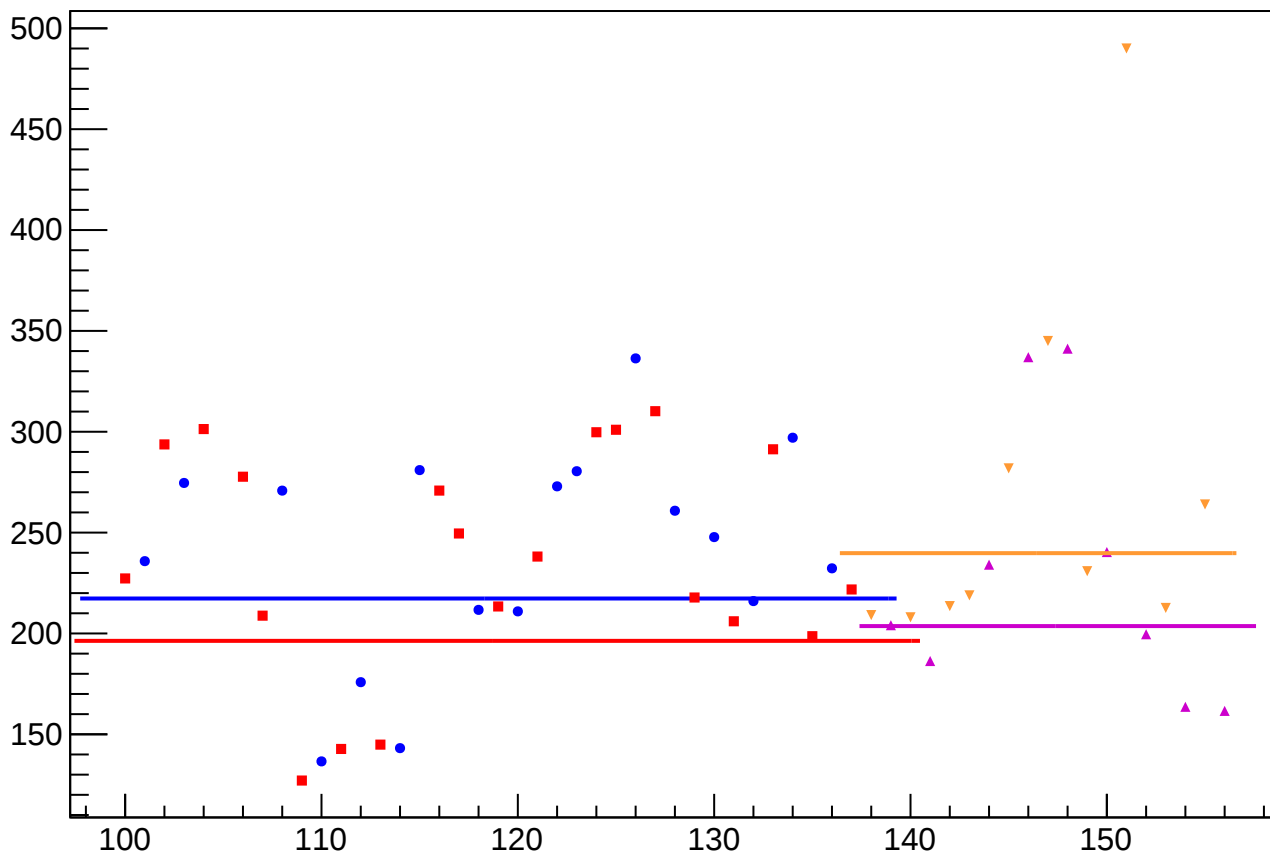
Left In: -291.949 ± 80.074 χ^2/NDF : 759.3/8

713.794 ± 63.442 χ^2/NDF : 1836.6/26

-92.544 ± 41.962 χ^2/NDF : 3610.2/55

-719.624 ± 55.948 χ^2/NDF : 1486.5/28

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 217.330 +/- 0.062 χ^2/NDF : 652722.5/16

Left Out: 239.814 +/- 0.065 χ^2/NDF : 704484.9/9

Right Out: 196.332 +/- 0.055 χ^2/NDF : 1194678.0/19

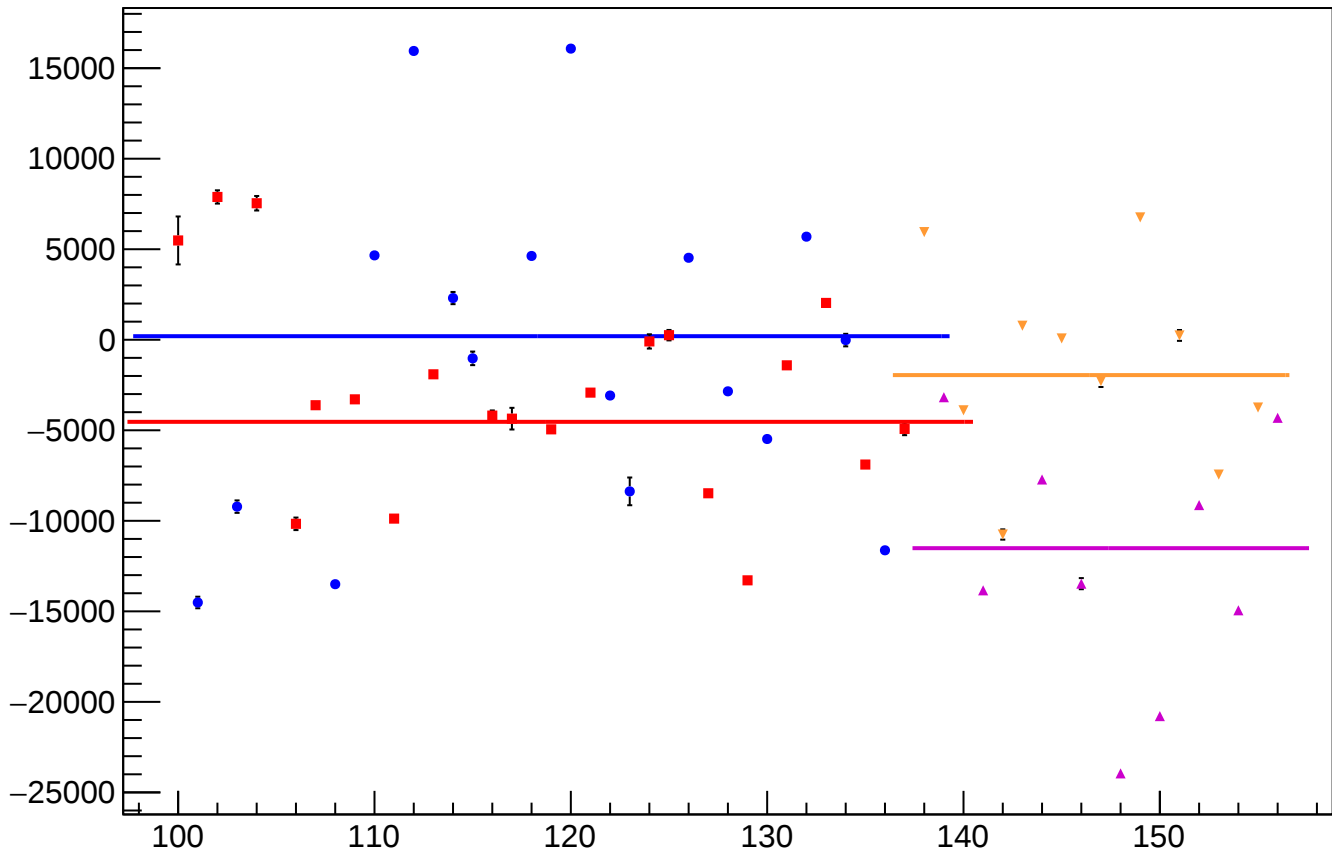
Left In: 203.655 +/- 0.057 χ^2/NDF : 788297.0/8

227.973 +/- 0.045 χ^2/NDF : 1419827.2/26

212.185 +/- 0.030 χ^2/NDF : 3631548.7/55

199.907 +/- 0.040 χ^2/NDF : 1991536.2/28

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 ± 54.799 $\chi^2/\text{NDF}: 30658.3/16$

Left Out: -1951.739 ± 68.145 $\chi^2/\text{NDF}: 5892.2/9$

Right Out: -4532.856 ± 52.261 $\chi^2/\text{NDF}: 7477.3/19$

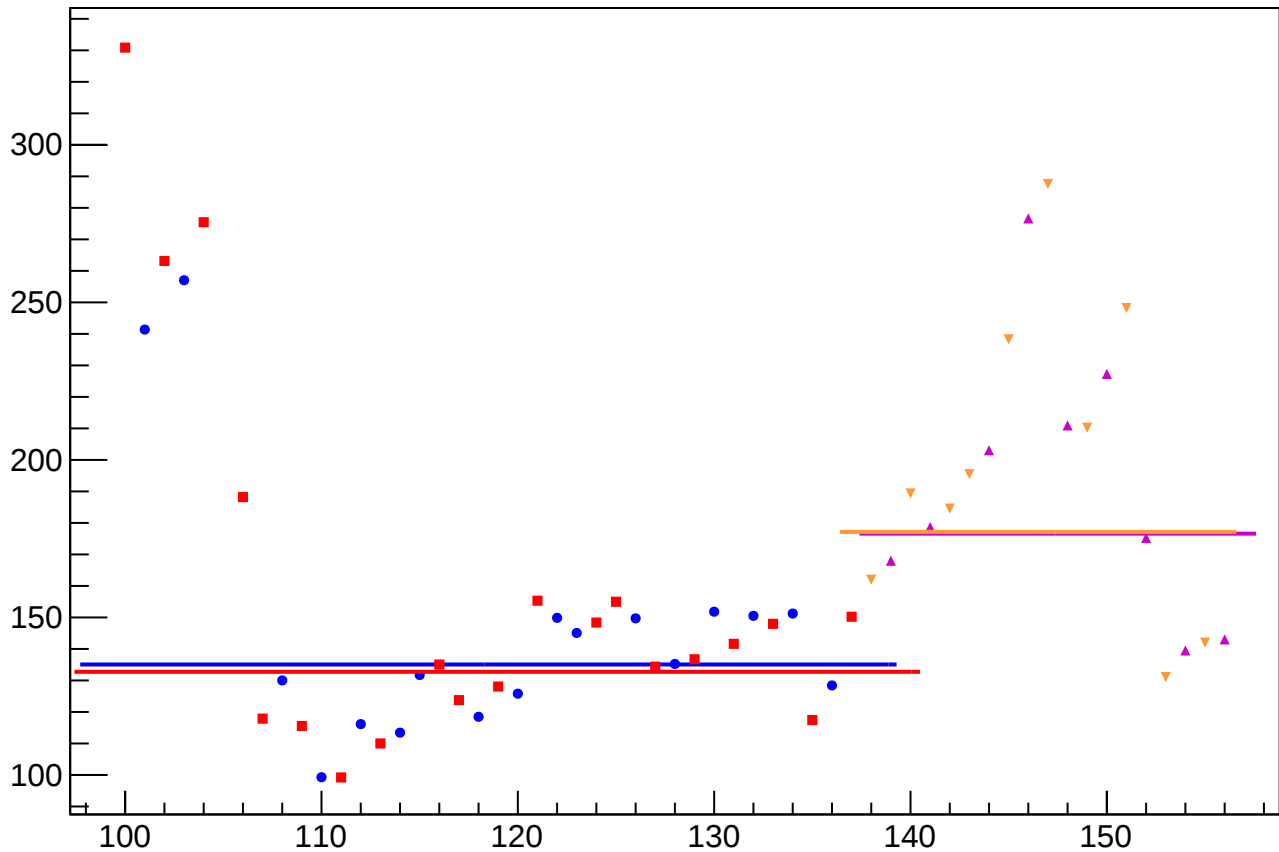
Left In: -11511.073 ± 68.481 $\chi^2/\text{NDF}: 8711.5/8$

-646.812 ± 42.704 $\chi^2/\text{NDF}: 37154.3/26$

-3962.756 ± 29.778 $\chi^2/\text{NDF}: 71641.1/55$

-7101.165 ± 41.545 $\chi^2/\text{NDF}: 22750.8/28$

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072 +/- 0.039 χ^2/NDF : 658703.5/16

Left Out: 177.165 +/- 0.048 χ^2/NDF : 802890.2/9

Right Out: 132.747 +/- 0.037 χ^2/NDF : 831647.2/19

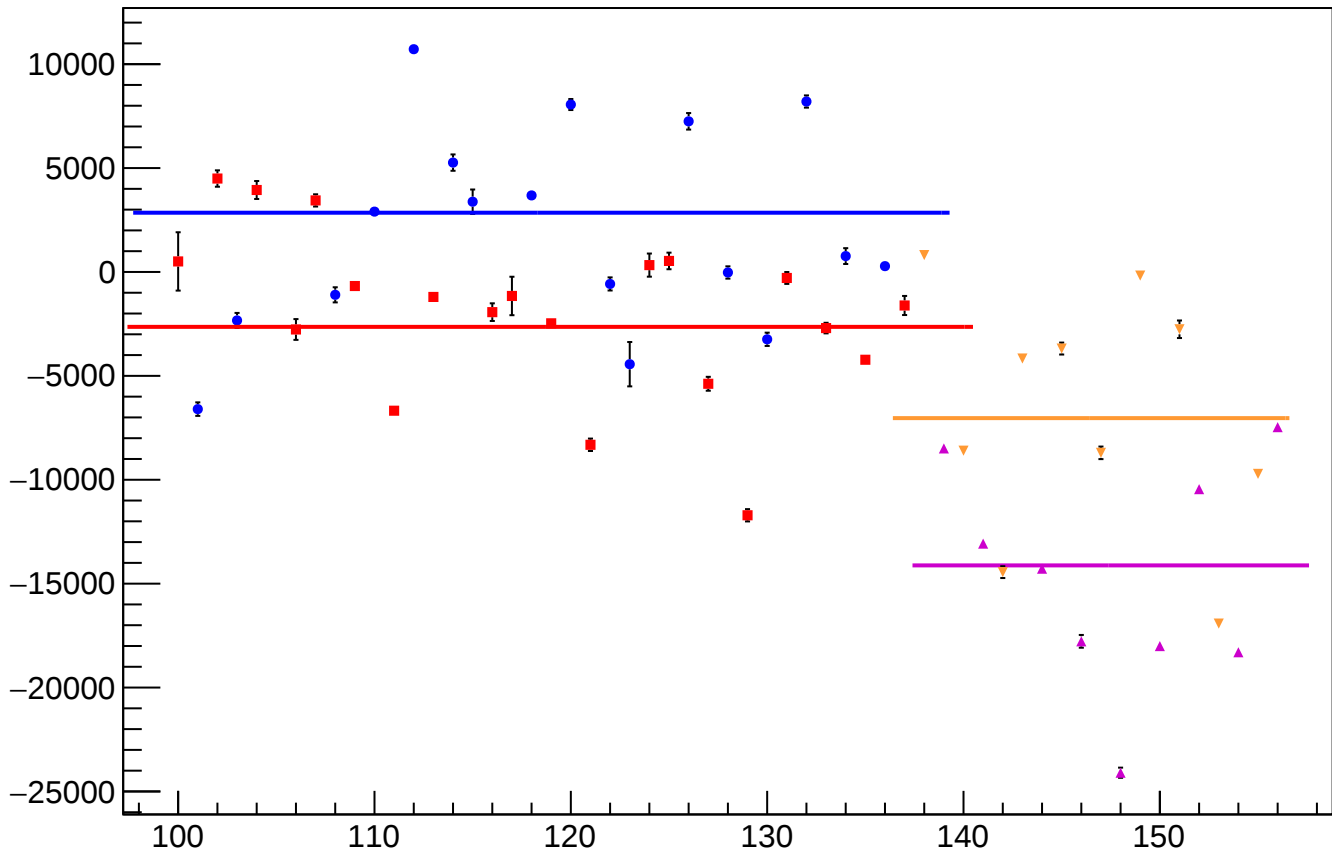
Left In: 176.599 +/- 0.048 χ^2/NDF : 572586.4/8

151.602 +/- 0.030 χ^2/NDF : 1925015.0/26

150.207 +/- 0.021 χ^2/NDF : 3851677.2/55

148.887 +/- 0.029 χ^2/NDF : 1922508.6/28

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437 ± 70.753 $\chi^2/\text{NDF}: 4178.1/16$

Left Out: -7033.880 ± 76.726 $\chi^2/\text{NDF}: 6286.1/9$

Right Out: -2641.642 ± 65.566 $\chi^2/\text{NDF}: 3178.3/19$

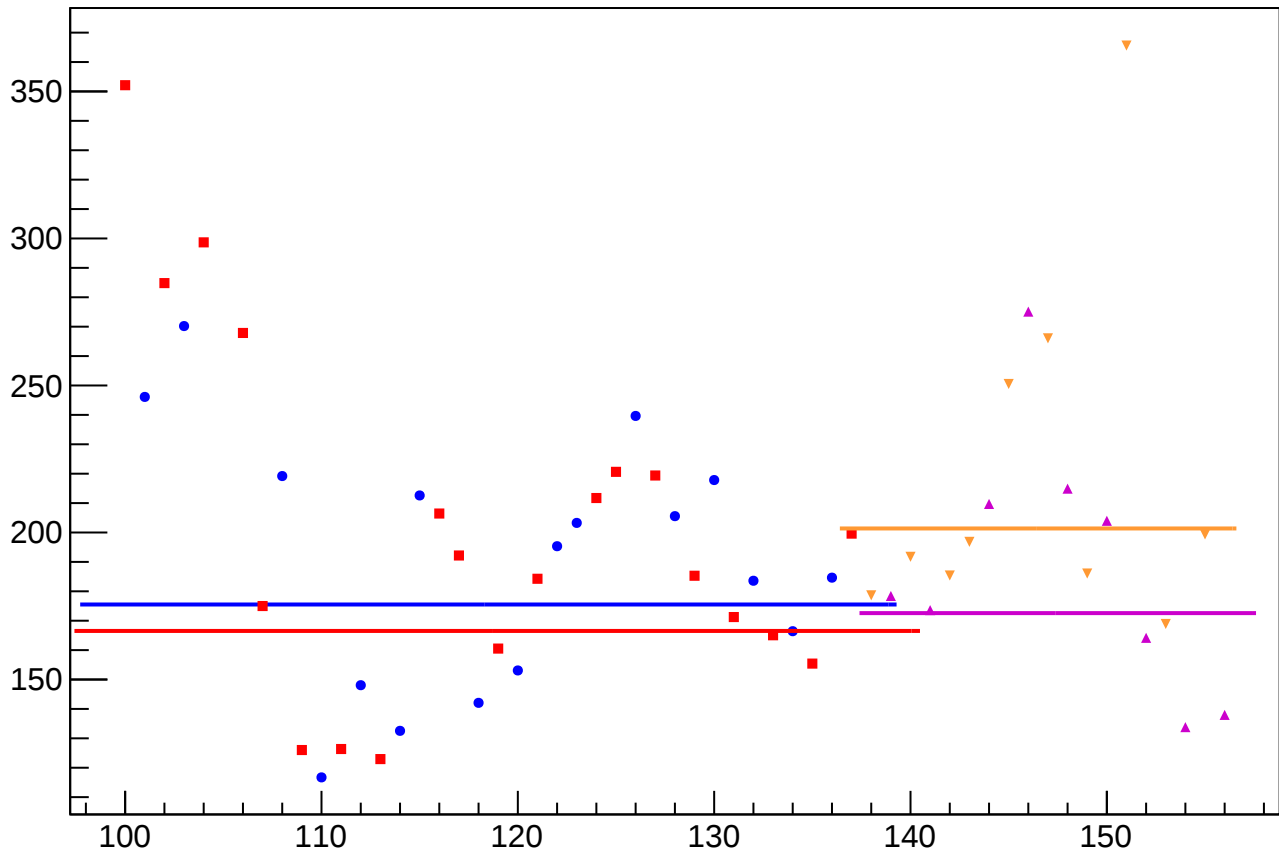
Left In: -14121.080 ± 67.279 $\chi^2/\text{NDF}: 5628.1/8$

-1691.532 ± 52.014 $\chi^2/\text{NDF}: 19435.1/26$

-5295.902 ± 34.854 $\chi^2/\text{NDF}: 51888.9/55$

-8233.361 ± 46.956 $\chi^2/\text{NDF}: 23738.3/28$

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514 $\pm$ 0.050 χ^2 /NDF: 689642.3/16

Left Out: 201.372 $\pm$ 0.054 χ^2 /NDF: 552342.0/9

Right Out: 166.522 $\pm$ 0.046 χ^2 /NDF: 931079.9/19

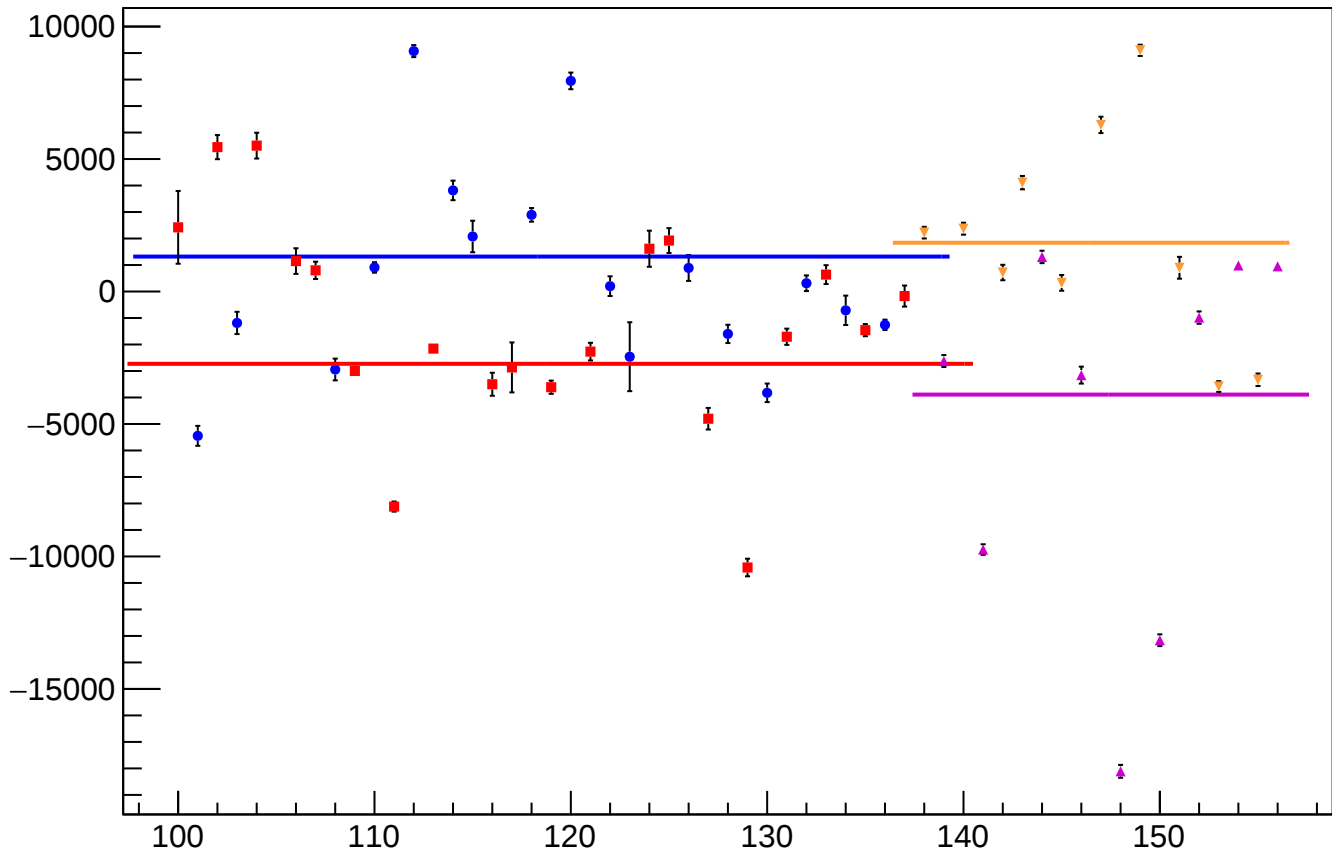
Left In: 172.584 $\pm$ 0.048 χ^2 /NDF: 614224.9/8

187.398 $\pm$ 0.037 χ^2 /NDF: 1364751.5/26

177.523 $\pm$ 0.025 χ^2 /NDF: 3049223.2/55

169.475 $\pm$ 0.033 χ^2 /NDF: 1553631.3/28

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009 $\pm$ 77.146 χ^2 /NDF: 2667.0/16

Left Out: 1840.779 $\pm$ 79.158 χ^2 /NDF: 2699.1/9

Right Out: -2728.550 $\pm$ 69.837 χ^2 /NDF: 2495.9/19

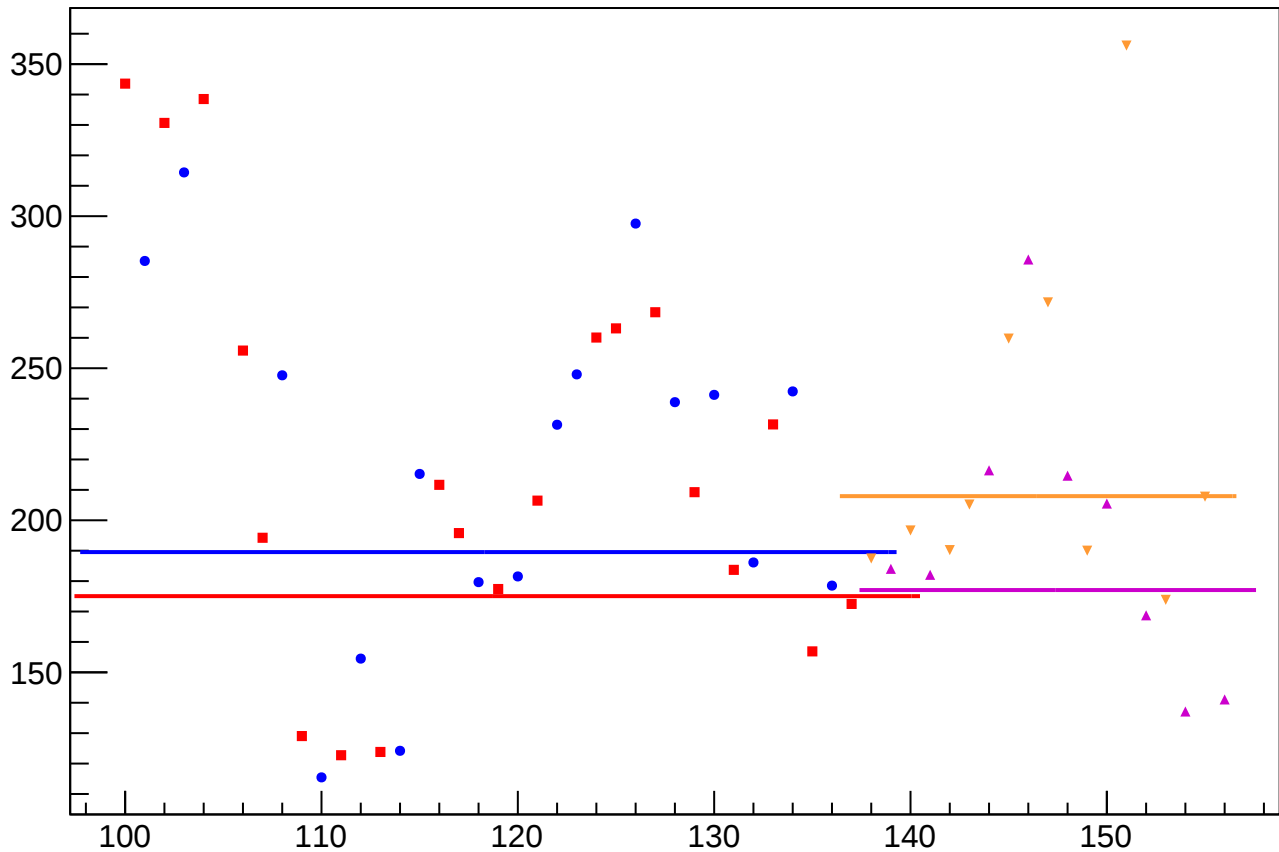
Left In: -3890.894 $\pm$ 69.071 χ^2 /NDF: 8606.0/8

1573.177 $\pm$ 55.248 χ^2 /NDF: 5388.4/26

-1158.101 $\pm$ 36.705 χ^2 /NDF: 21005.4/55

-3316.129 $\pm$ 49.109 χ^2 /NDF: 11242.0/28

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 +/- 0.055 χ^2/NDF : 980744.6/16

Left Out: 207.938 +/- 0.056 χ^2/NDF : 504746.9/9

Right Out: 175.058 +/- 0.049 χ^2/NDF : 1298079.7/19

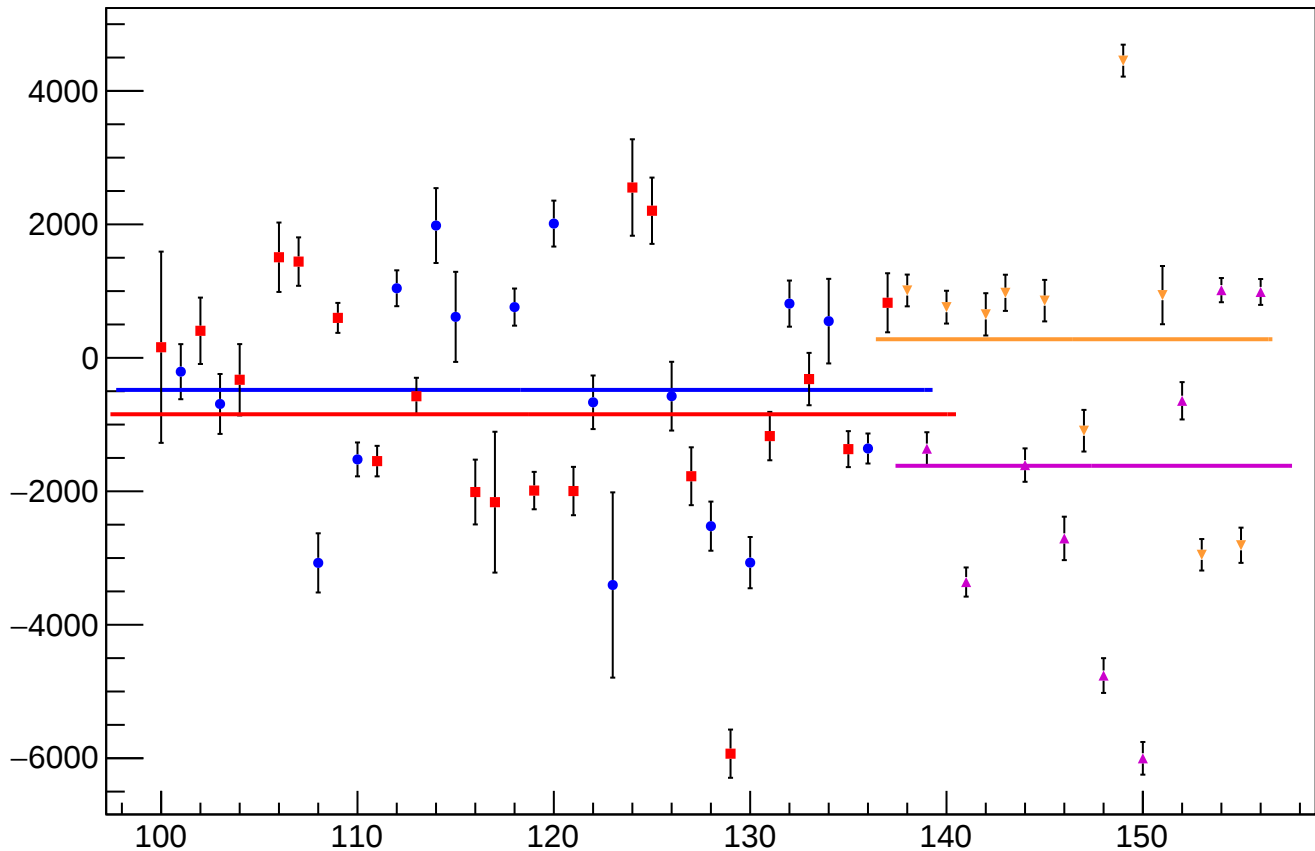
Left In: 177.060 +/- 0.049 χ^2/NDF : 610438.7/8

198.505 +/- 0.039 χ^2/NDF : 1540875.4/26

185.972 +/- 0.026 χ^2/NDF : 3634446.4/55

176.070 +/- 0.035 χ^2/NDF : 1909349.4/28

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578 $\pm$ 88.640 χ^2/NDF : 290.7/16

Left Out: 278.763 $\pm$ 86.580 χ^2/NDF : 674.8/9

Right Out: -845.444 $\pm$ 81.995 χ^2/NDF : 436.9/19

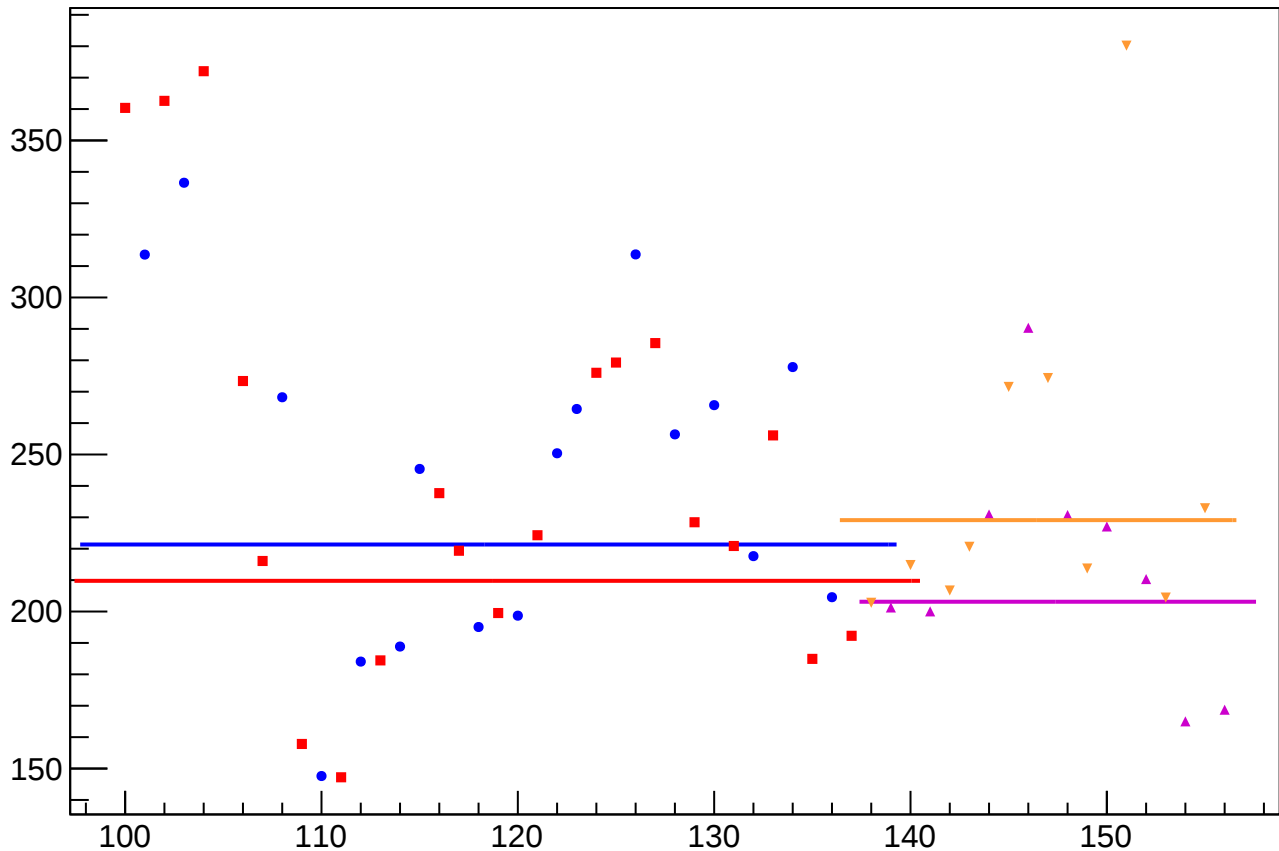
Left In: -1617.695 $\pm$ 78.086 χ^2/NDF : 944.8/8

-91.982 $\pm$ 61.937 χ^2/NDF : 1003.1/26

-723.791 $\pm$ 41.760 χ^2/NDF : 2622.1/55

-1250.412 $\pm$ 56.547 χ^2/NDF : 1428.2/28

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 $\pm$ 0.063 χ^2 /NDF: 645688.1/16

Left Out: 229.101 $\pm$ 0.061 χ^2 /NDF: 392815.3/9

Right Out: 209.775 $\pm$ 0.058 χ^2 /NDF: 884083.7/19

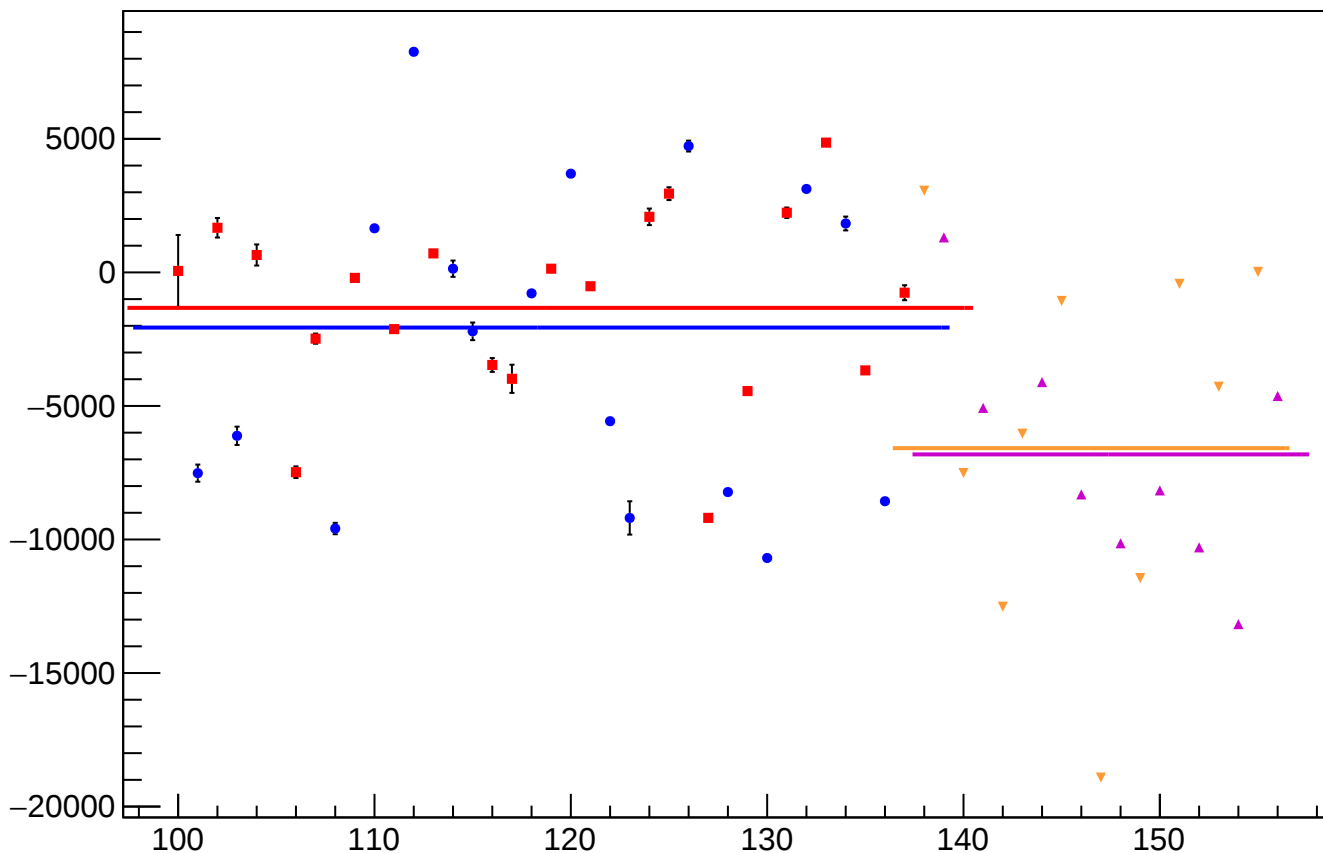
Left In: 203.117 $\pm$ 0.055 χ^2 /NDF: 362834.7/8

225.313 $\pm$ 0.044 χ^2 /NDF: 1046345.8/26

214.934 $\pm$ 0.030 χ^2 /NDF: 2403149.5/55

206.283 $\pm$ 0.040 χ^2 /NDF: 1253834.1/28

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160 $\pm$ 47.322 χ^2/NDF : 16533.3/16

Left Out: -6580.968 $\pm$ 42.807 χ^2/NDF : 24423.2/9

Right Out: -1327.819 $\pm$ 44.838 χ^2/NDF : 5919.9/19

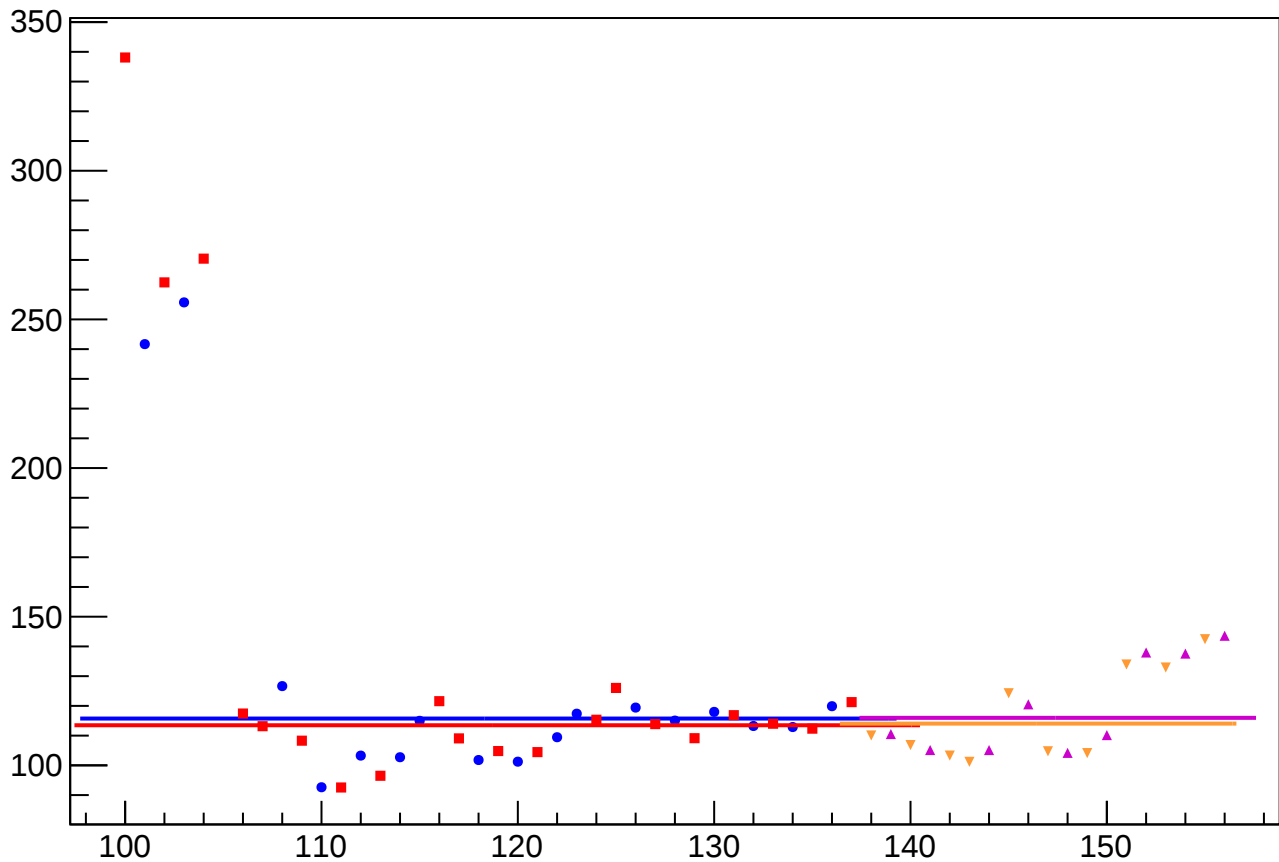
Left In: -6814.091 $\pm$ 43.595 χ^2/NDF : 7831.2/8

-4548.743 $\pm$ 31.745 χ^2/NDF : 45964.8/26

-4345.289 $\pm$ 22.273 χ^2/NDF : 67492.7/55

-4148.051 $\pm$ 31.257 χ^2/NDF : 21447.1/28

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741 ± 0.033 $\chi^2/\text{NDF}: 744017.7/16$

Left Out: 114.038 ± 0.030 $\chi^2/\text{NDF}: 204615.6/9$

Right Out: 113.487 ± 0.032 $\chi^2/\text{NDF}: 796781.7/19$

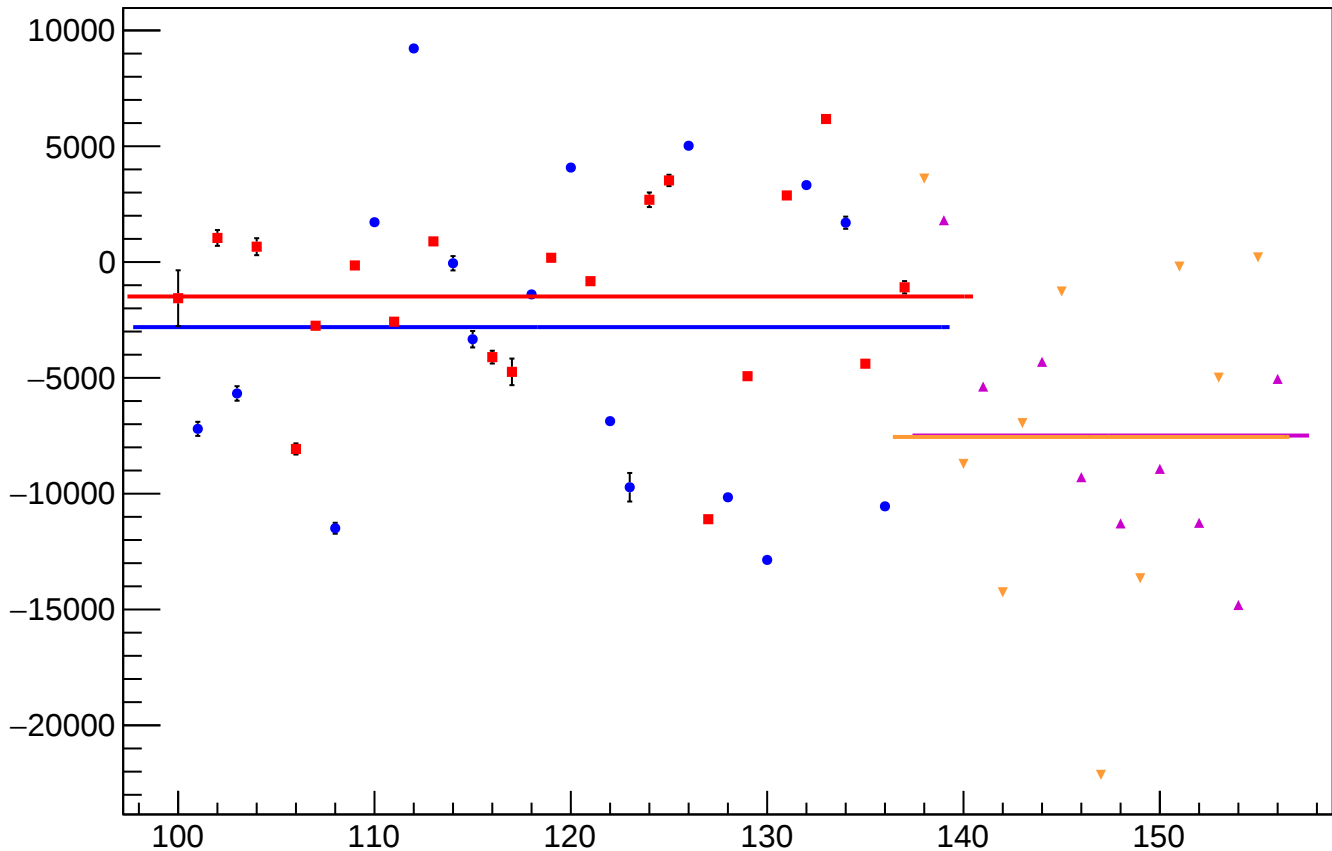
Left In: 115.980 ± 0.031 $\chi^2/\text{NDF}: 205640.4/8$

114.804 ± 0.022 $\chi^2/\text{NDF}: 950057.3/26$

114.786 ± 0.016 $\chi^2/\text{NDF}: 1955658.8/55$

114.768 ± 0.022 $\chi^2/\text{NDF}: 1005600.2/28$

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2809.101 ± 48.284 $\chi^2/\text{NDF}: 21263.1/16$

Left Out: -7550.576 ± 45.829 $\chi^2/\text{NDF}: 29292.5/9$

Right Out: -1486.369 ± 46.243 $\chi^2/\text{NDF}: 8037.1/19$

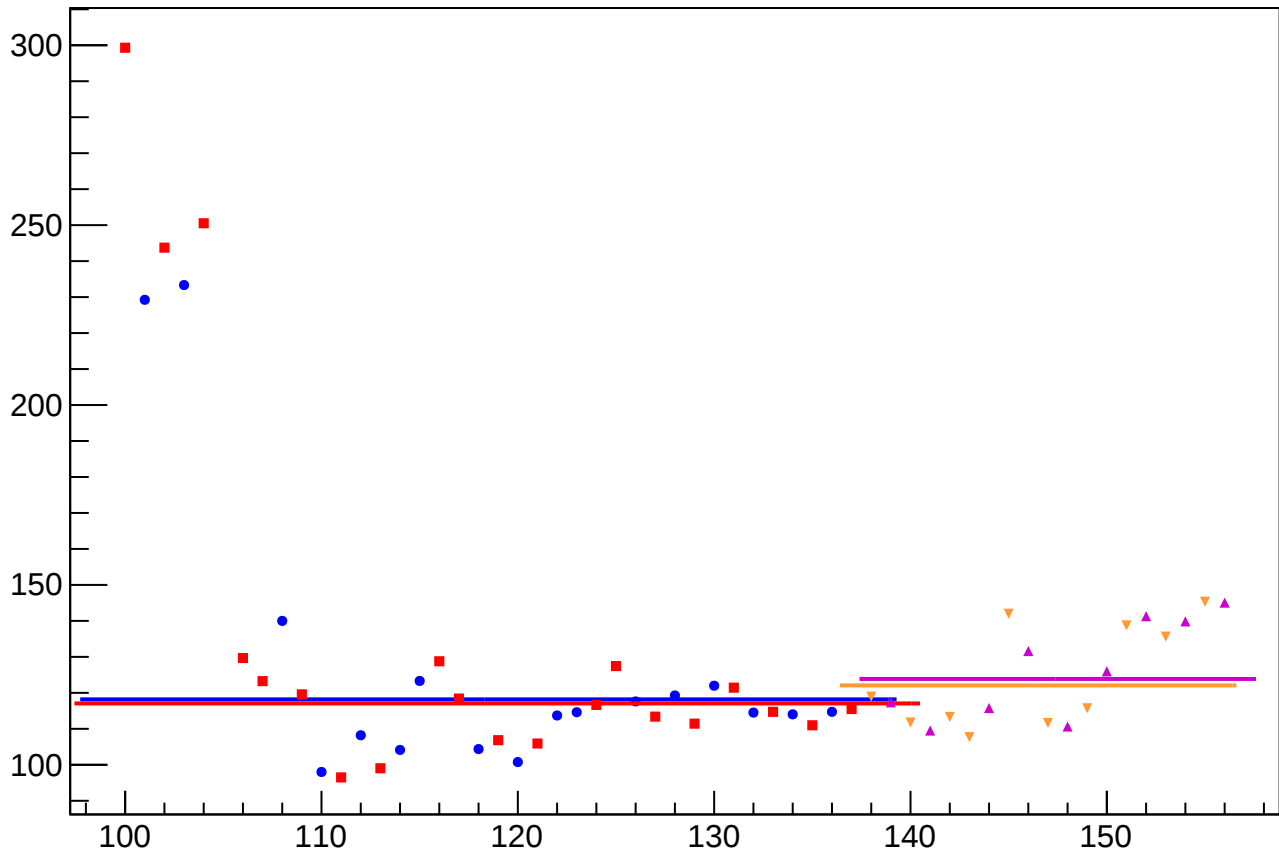
Left In: -7489.909 ± 46.516 $\chi^2/\text{NDF}: 9258.1/8$

-5303.443 ± 33.240 $\chi^2/\text{NDF}: 55628.5/26$

-4881.362 ± 23.345 $\chi^2/\text{NDF}: 81619.7/55$

-4470.519 ± 32.795 $\chi^2/\text{NDF}: 25673.0/28$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 118.188 $\pm$ 0.034 χ^2 /NDF: 636252.0/16

Left Out: 122.069 $\pm$ 0.032 χ^2 /NDF: 167934.3/9

Right Out: 117.054 $\pm$ 0.033 χ^2 /NDF: 690646.8/19

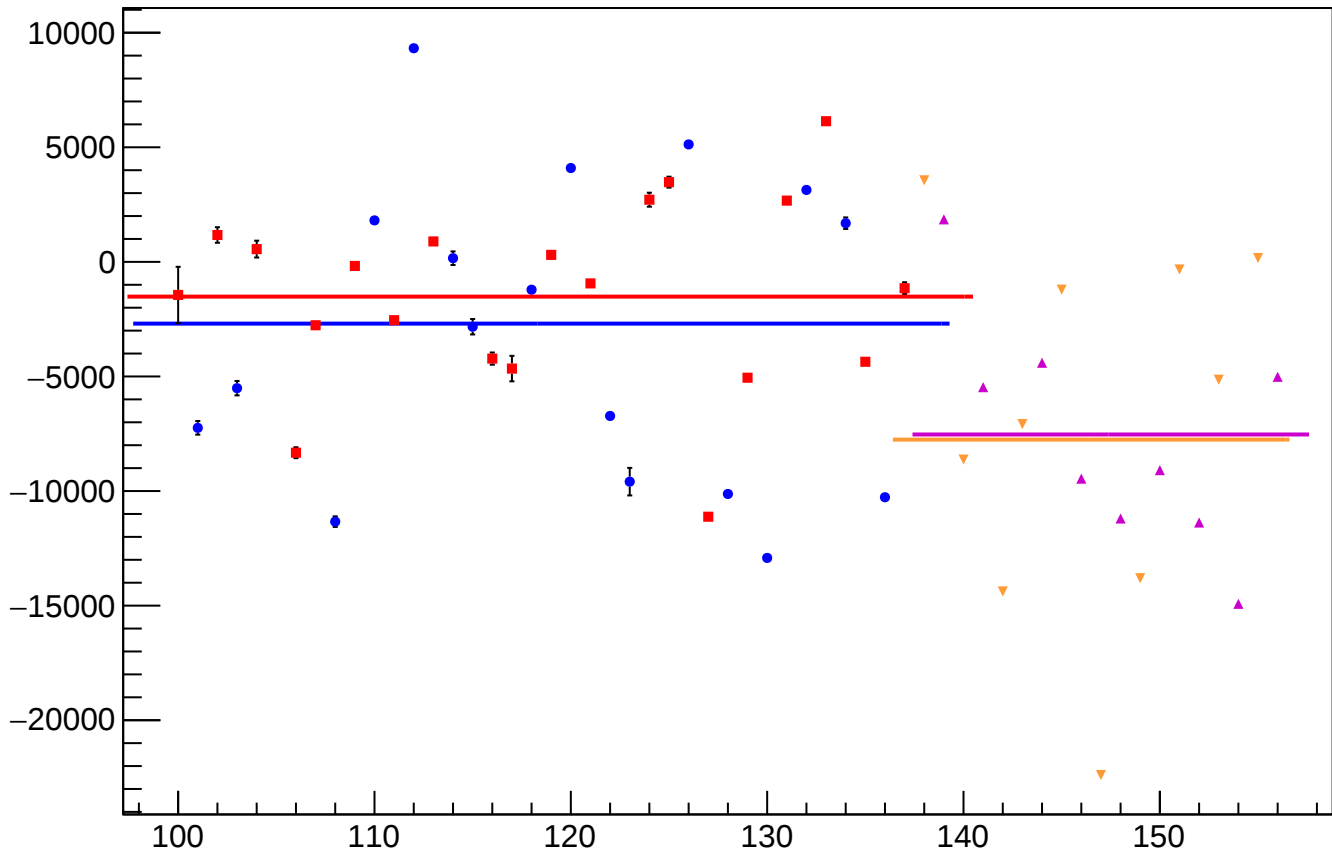
Left In: 123.868 $\pm$ 0.033 χ^2 /NDF: 148742.9/8

120.230 $\pm$ 0.024 χ^2 /NDF: 810982.0/26

120.337 $\pm$ 0.017 χ^2 /NDF: 1671992.1/55

120.441 $\pm$ 0.023 χ^2 /NDF: 860969.1/28

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2694.260 $\pm$ 46.347 χ^2 /NDF: 22860.3/16

Left Out: -7755.886 $\pm$ 44.504 χ^2 /NDF:32093.5/9

Right Out: -1515.863 $\pm$ 44.303 χ^2 /NDF: 8749.3/19

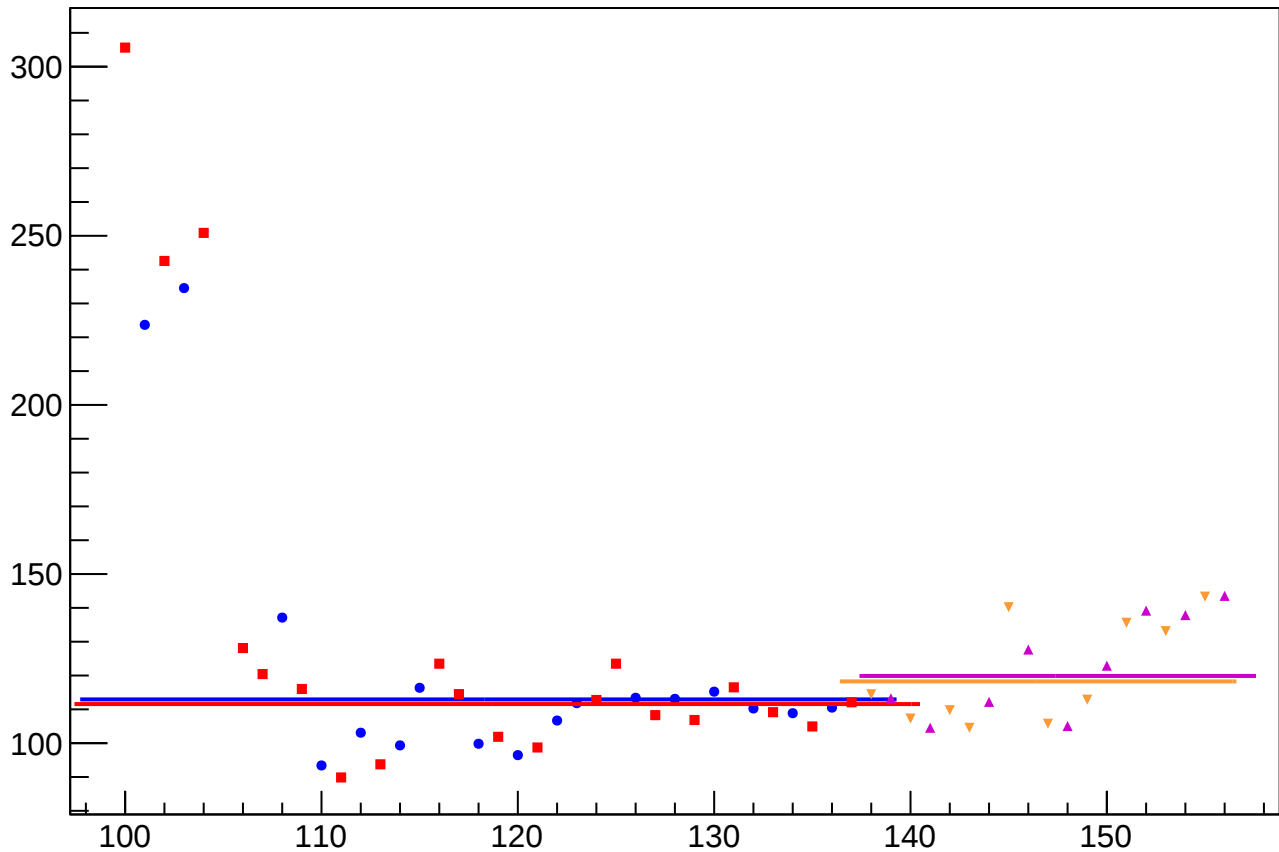
Left In: -7531.877 $\pm$ 45.136 χ^2 /NDF:9920.5/8

-5327.725 $\pm$ 32.101 χ^2 /NDF: 61159.3/26

-4891.250 $\pm$ 22.526 χ^2 /NDF: 89241.4/55

-4467.819 $\pm$ 31.618 χ^2 /NDF: 27717.8/28

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.940 ± 0.033 $\chi^2/\text{NDF}: 680283.1/16$

Left Out: 118.263 ± 0.031 $\chi^2/\text{NDF}: 198719.4/9$

Right Out: 111.562 ± 0.031 $\chi^2/\text{NDF}: 765559.1/19$

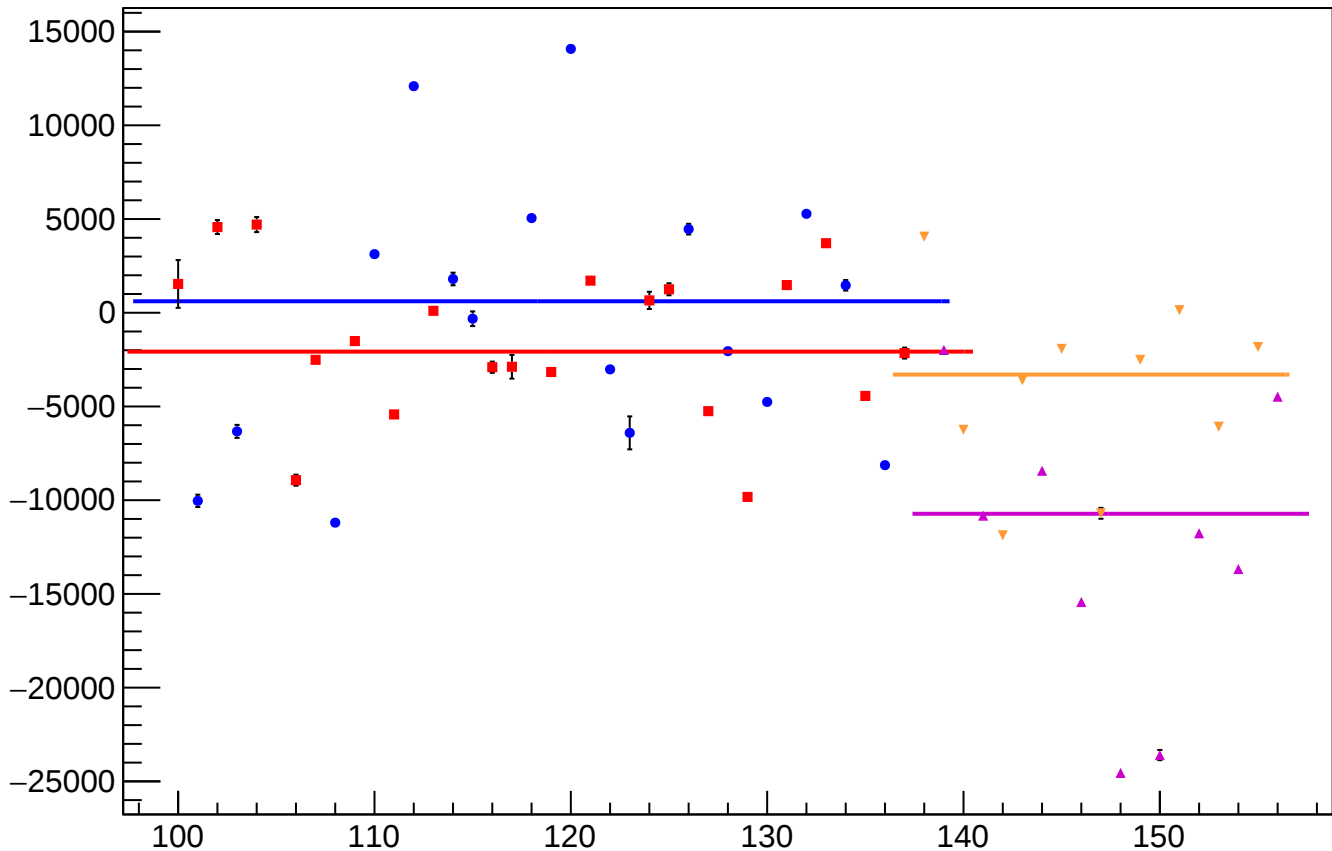
Left In: 119.876 ± 0.032 $\chi^2/\text{NDF}: 187411.2/8$

115.710 ± 0.023 $\chi^2/\text{NDF}: 892727.4/26$

115.675 ± 0.016 $\chi^2/\text{NDF}: 1880258.6/55$

115.642 ± 0.022 $\chi^2/\text{NDF}: 987526.6/28$

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 612.621 ± 56.062 χ^2/NDF : 18243.4/16

Left Out: -3297.210 ± 58.858 χ^2/NDF : 5329.4/9

Right Out: -2073.278 ± 53.736 χ^2/NDF : 4644.3/19

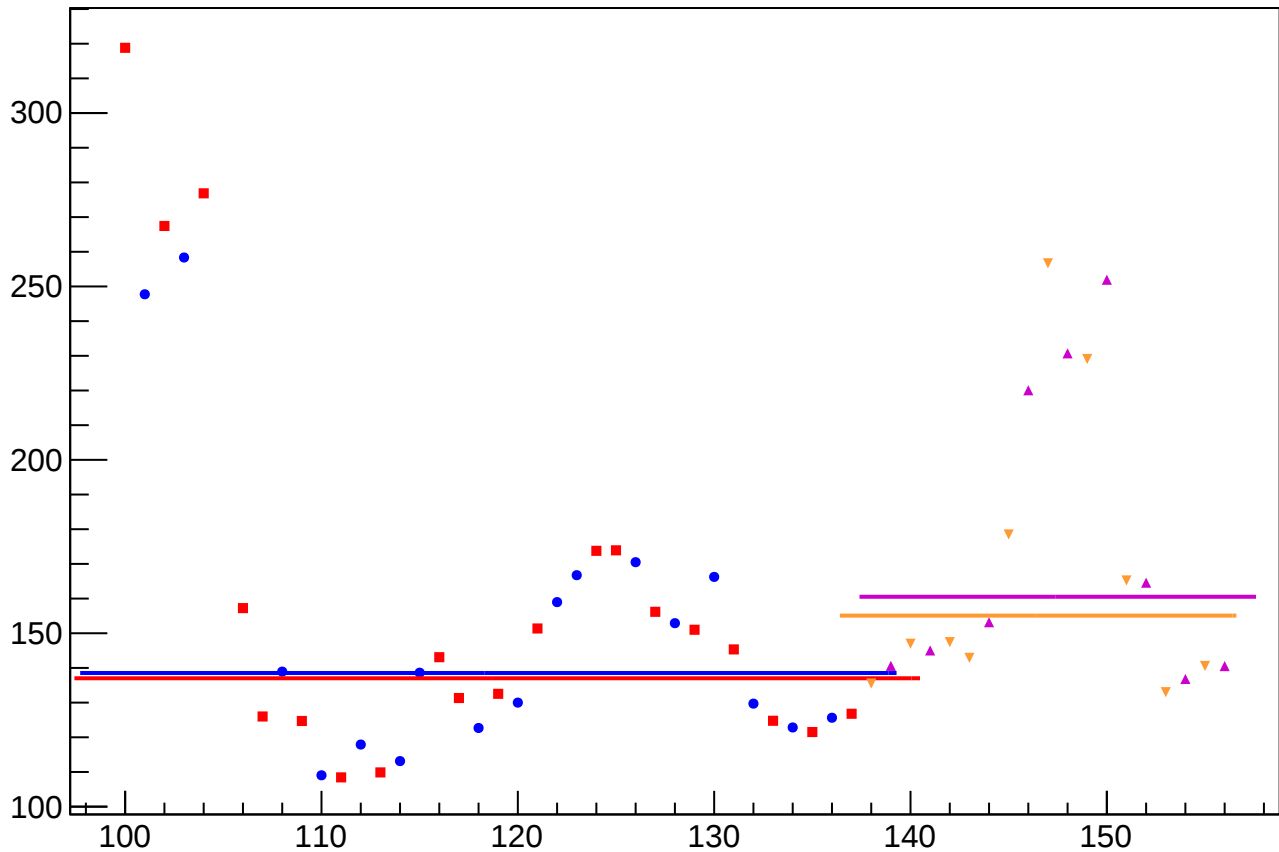
Left In: -10724.666 ± 61.335 χ^2/NDF : 10092.8/8

-1247.222 ± 40.594 χ^2/NDF : 25886.4/26

-3548.623 ± 28.642 χ^2/NDF : 58279.8/55

-5830.134 ± 40.418 χ^2/NDF : 25993.0/28

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 138.542+/-0.040 χ^2/NDF : 668941.7/16

Left Out: 155.088+/-0.042 χ^2/NDF : 548752.4/9

Right Out: 137.019+/-0.038 χ^2/NDF : 755655.0/19

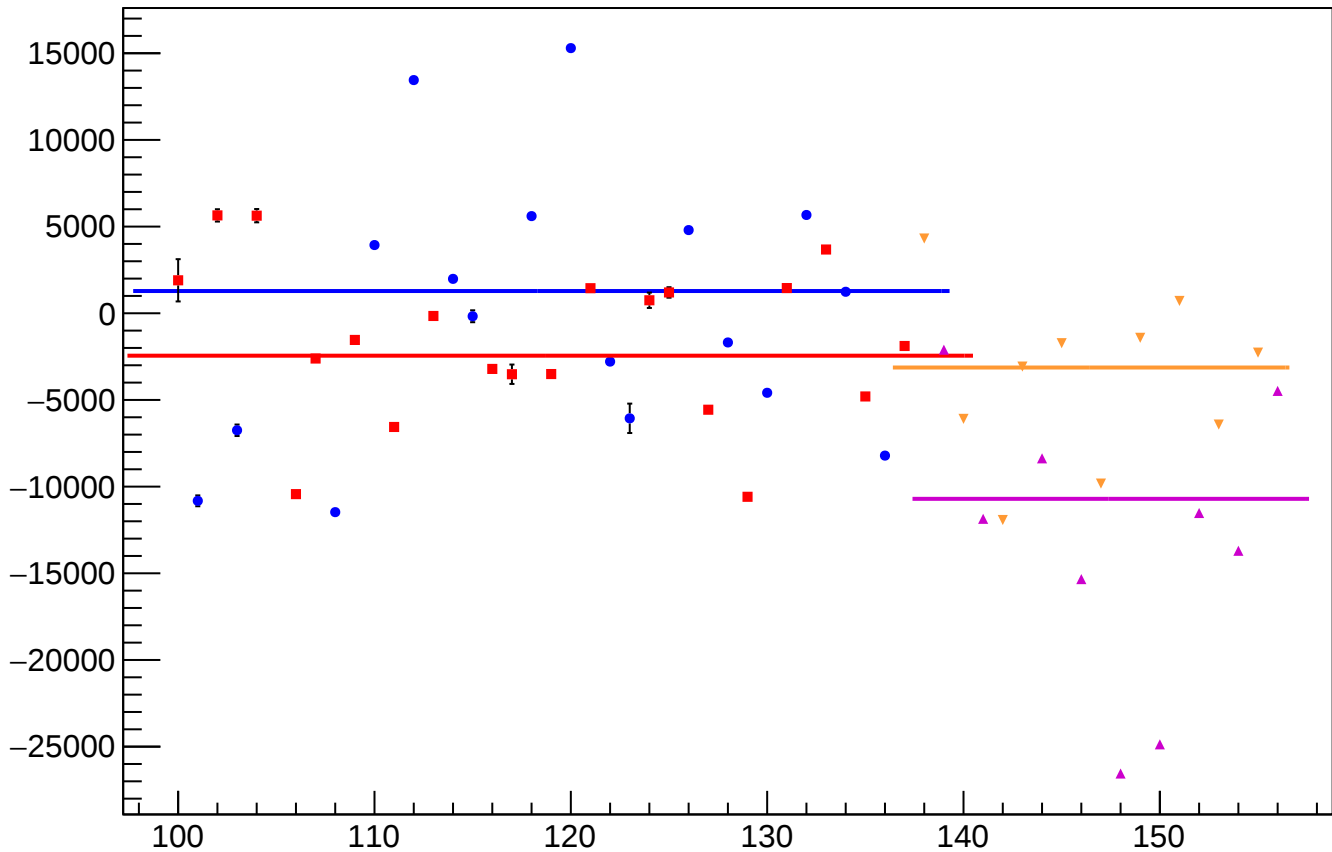
Left In: 160.521+/-0.043 χ^2/NDF : 620902.9/8

146.412+/-0.029 χ^2/NDF : 1300566.3/26

146.821+/-0.020 χ^2/NDF : 2843656.7/55

147.225+/-0.029 χ^2/NDF : 1542687.9/28

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 1282.978 +/- 46.572 χ^2/NDF : 30540.8/16

Left Out: -3129.458 +/- 52.258 χ^2/NDF : 7145.7/9

Right Out: -2446.970 +/- 44.148 χ^2/NDF : 7681.2/19

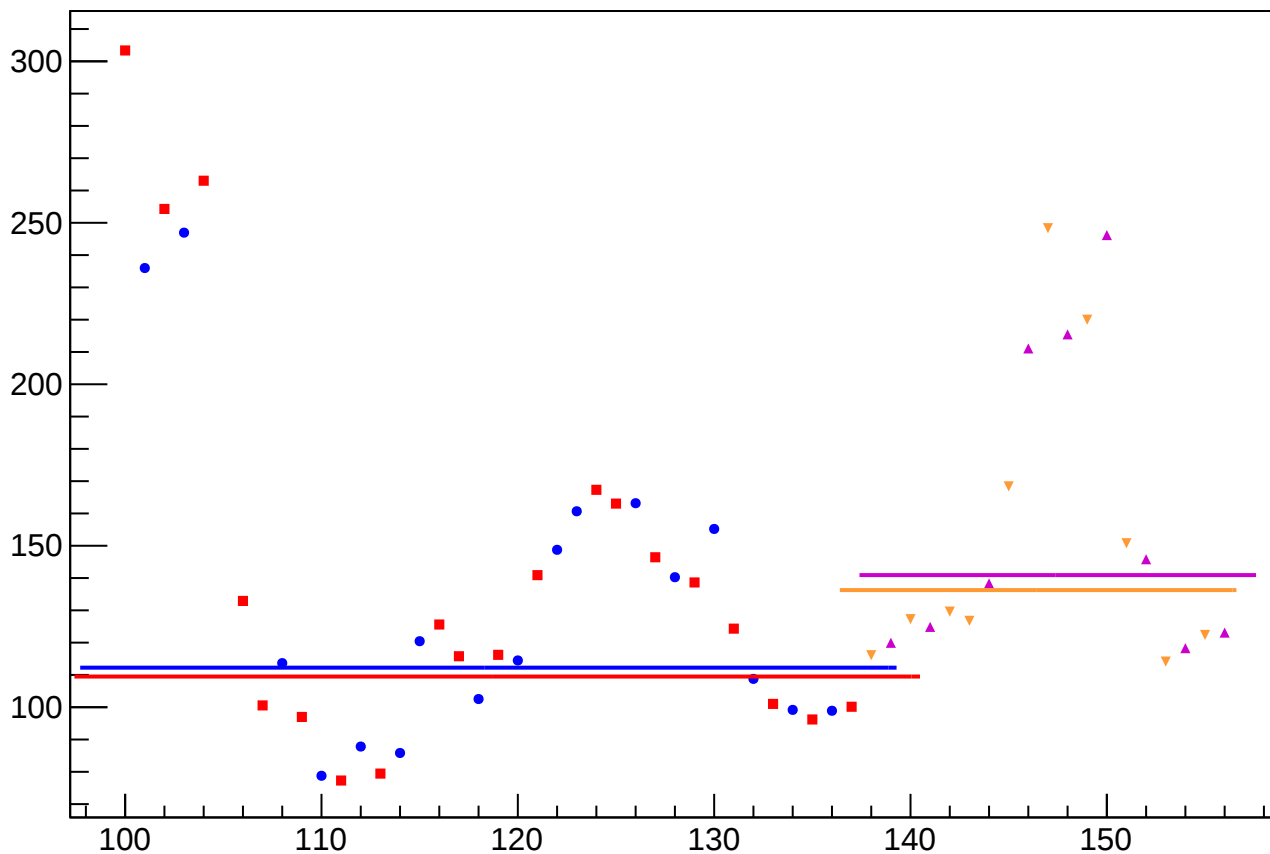
Left In: -10705.045 +/- 54.534 χ^2/NDF : 13562.8/8

-670.220 +/- 34.769 χ^2/NDF : 41660.0/26

-3226.556 +/- 24.423 χ^2/NDF : 87427.5/55

-5716.363 +/- 34.313 χ^2/NDF : 35096.6/28

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.251+/-0.033 χ^2/NDF : 1125537.4/16

Left Out: 136.269+/-0.037 χ^2/NDF : 755571.0/9

Right Out: 109.500+/-0.031 χ^2/NDF : 1269887.8/19

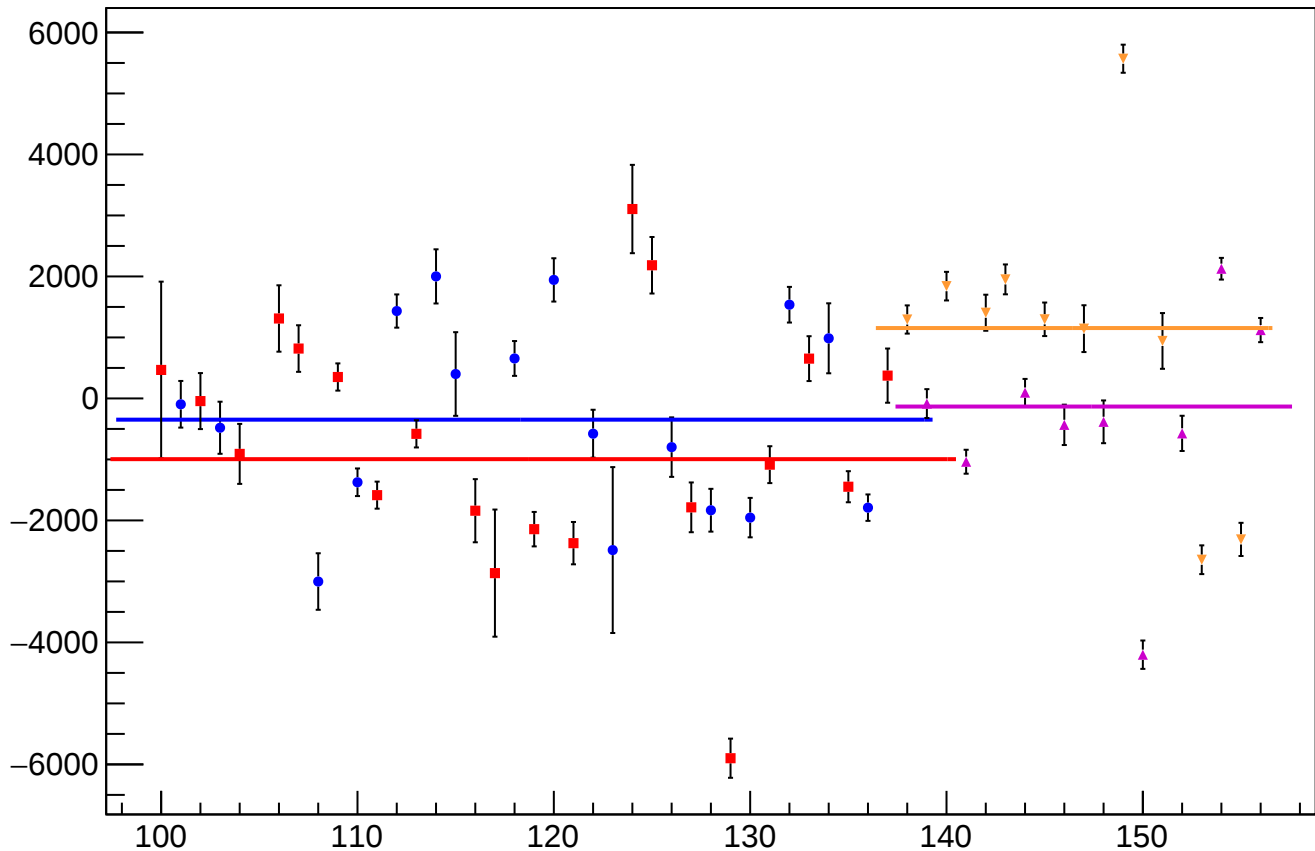
Left In: 140.915+/-0.039 χ^2/NDF : 838853.2/8

122.883+/-0.025 χ^2/NDF : 2116581.0/26

122.404+/-0.017 χ^2/NDF : 4627015.2/55

121.937+/-0.024 χ^2/NDF : 2509684.6/28

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -348.055 ± 83.826 χ^2/NDF : 317.3/16

Left Out: 1153.929 ± 84.459 χ^2/NDF : 810.7/9

Right Out: -995.622 ± 77.468 χ^2/NDF : 479.8/19

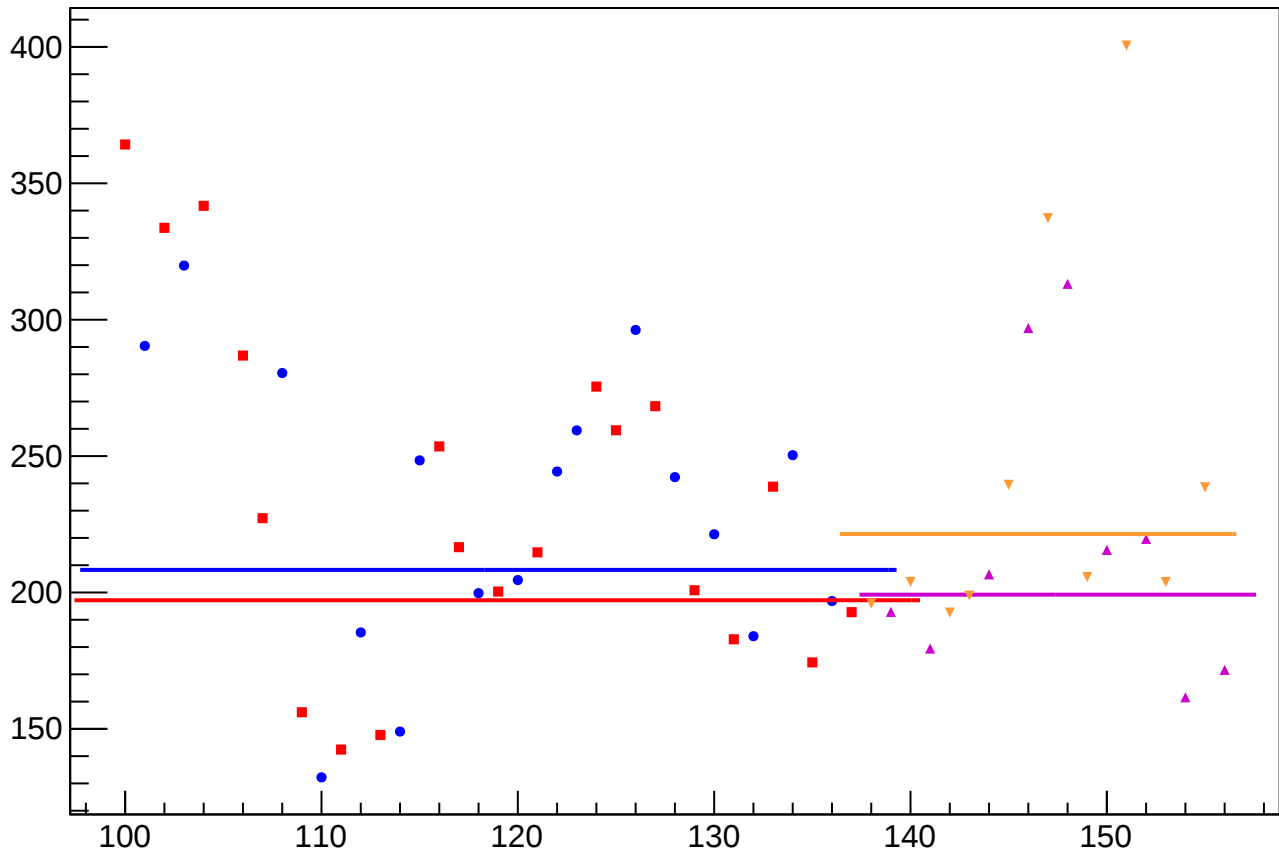
Left In: -133.012 ± 77.035 χ^2/NDF : 533.3/8

397.288 ± 59.497 χ^2/NDF : 1287.3/26

-123.181 ± 40.238 χ^2/NDF : 2503.7/55

-561.899 ± 54.625 χ^2/NDF : 1075.4/28

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 208.288+/-0.059 χ^2/NDF : 698491.0/16

Left Out: 221.426+/-0.060 χ^2/NDF : 597839.9/9

Right Out: 197.159+/-0.055 χ^2/NDF : 927487.8/19

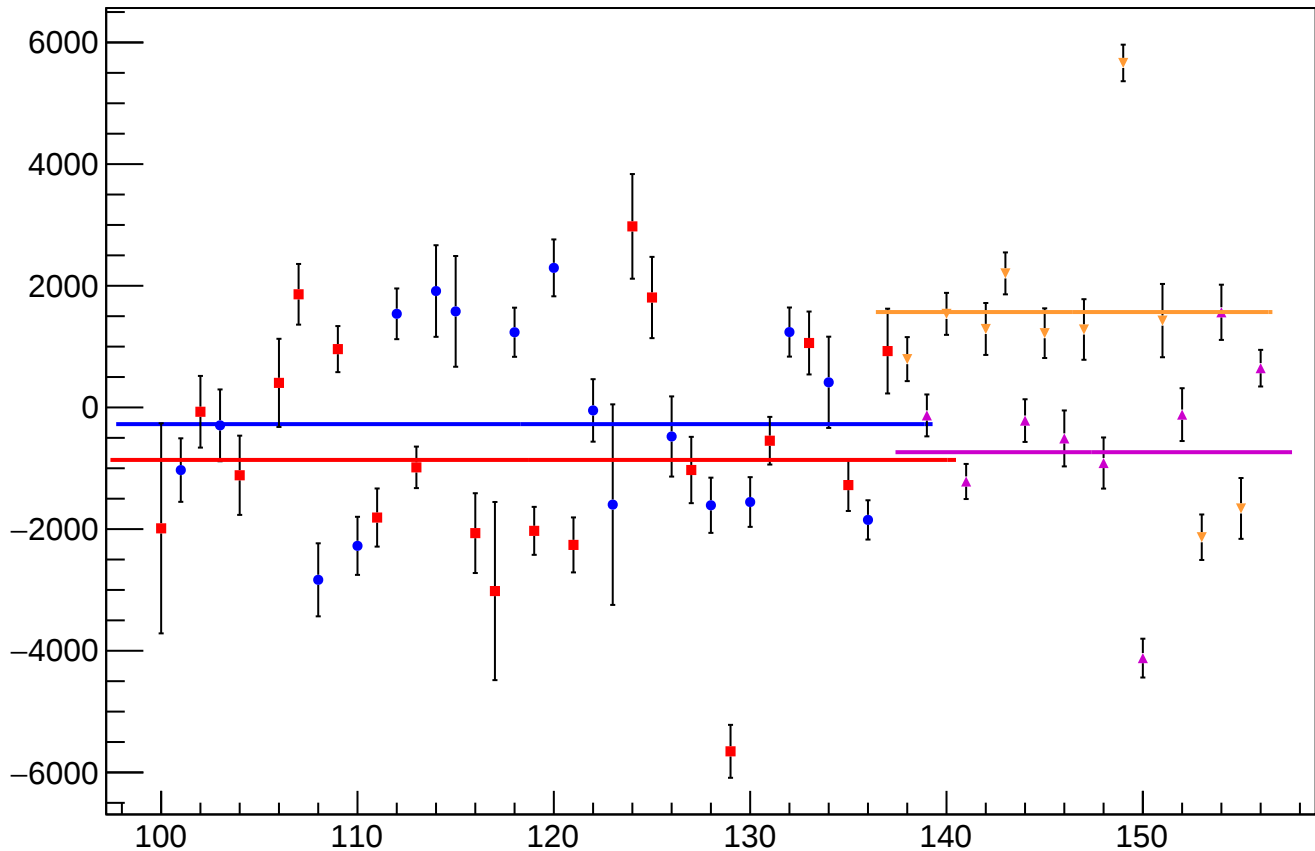
Left In: 199.200+/-0.054 χ^2/NDF : 557865.2/8

214.807+/-0.042 χ^2/NDF : 1320712.6/26

205.788+/-0.028 χ^2/NDF : 2891467.6/55

198.185+/-0.039 χ^2/NDF : 1486051.0/28

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -274.260 ± 121.326 $\chi^2/\text{NDF}: 171.6/16$

Left Out: 1568.179 ± 124.085 $\chi^2/\text{NDF}: 334.9/9$

Right Out: -862.791 ± 114.993 $\chi^2/\text{NDF}: 265.4/19$

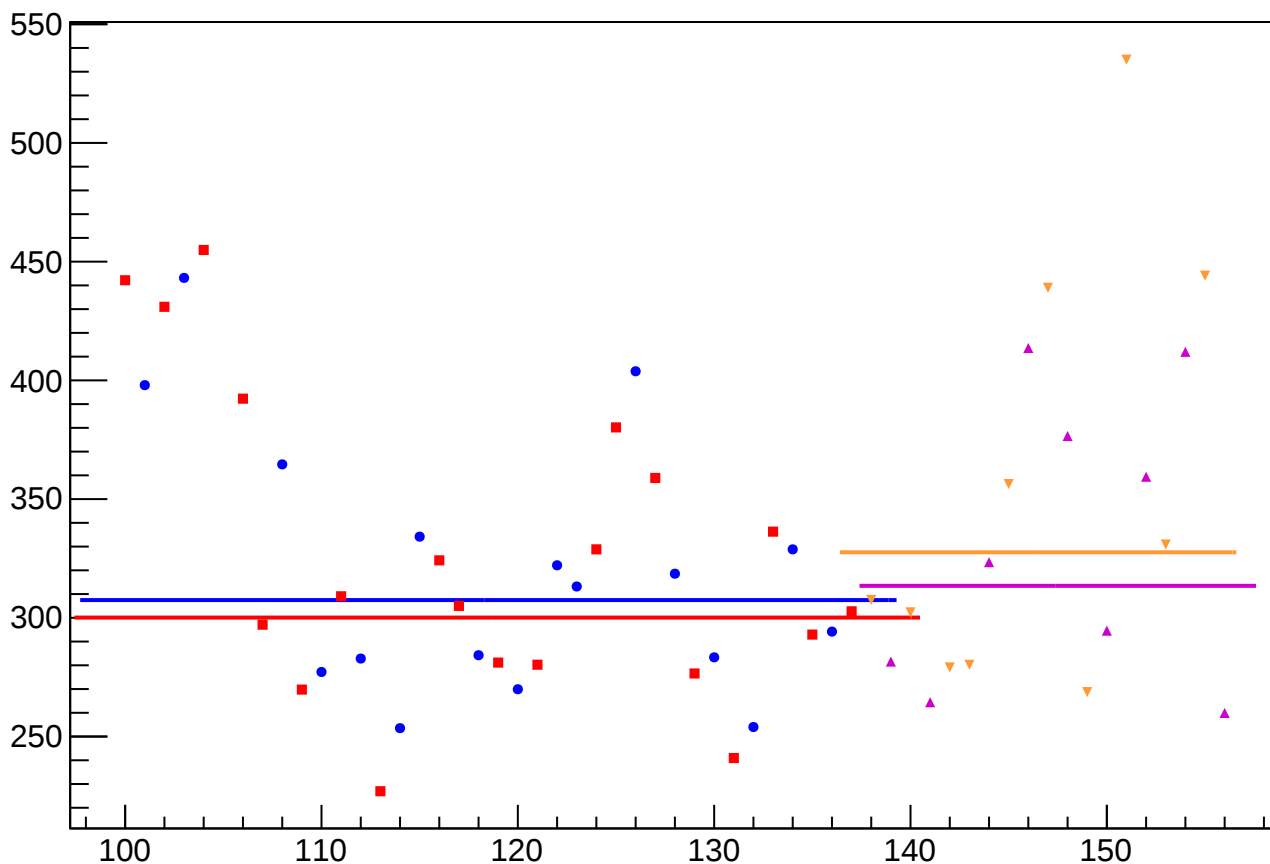
Left In: -735.515 ± 119.537 $\chi^2/\text{NDF}: 169.8/8$

626.244 ± 86.750 $\chi^2/\text{NDF}: 619.2/26$

-120.311 ± 59.923 $\chi^2/\text{NDF}: 1196.6/55$

-801.618 ± 82.872 $\chi^2/\text{NDF}: 435.8/28$

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 307.468 ± 0.086 $\chi^2/\text{NDF}: 323096.7/16$

Left Out: 327.588 ± 0.088 $\chi^2/\text{NDF}: 613085.2/9$

Right Out: 300.100 ± 0.081 $\chi^2/\text{NDF}: 490421.6/19$

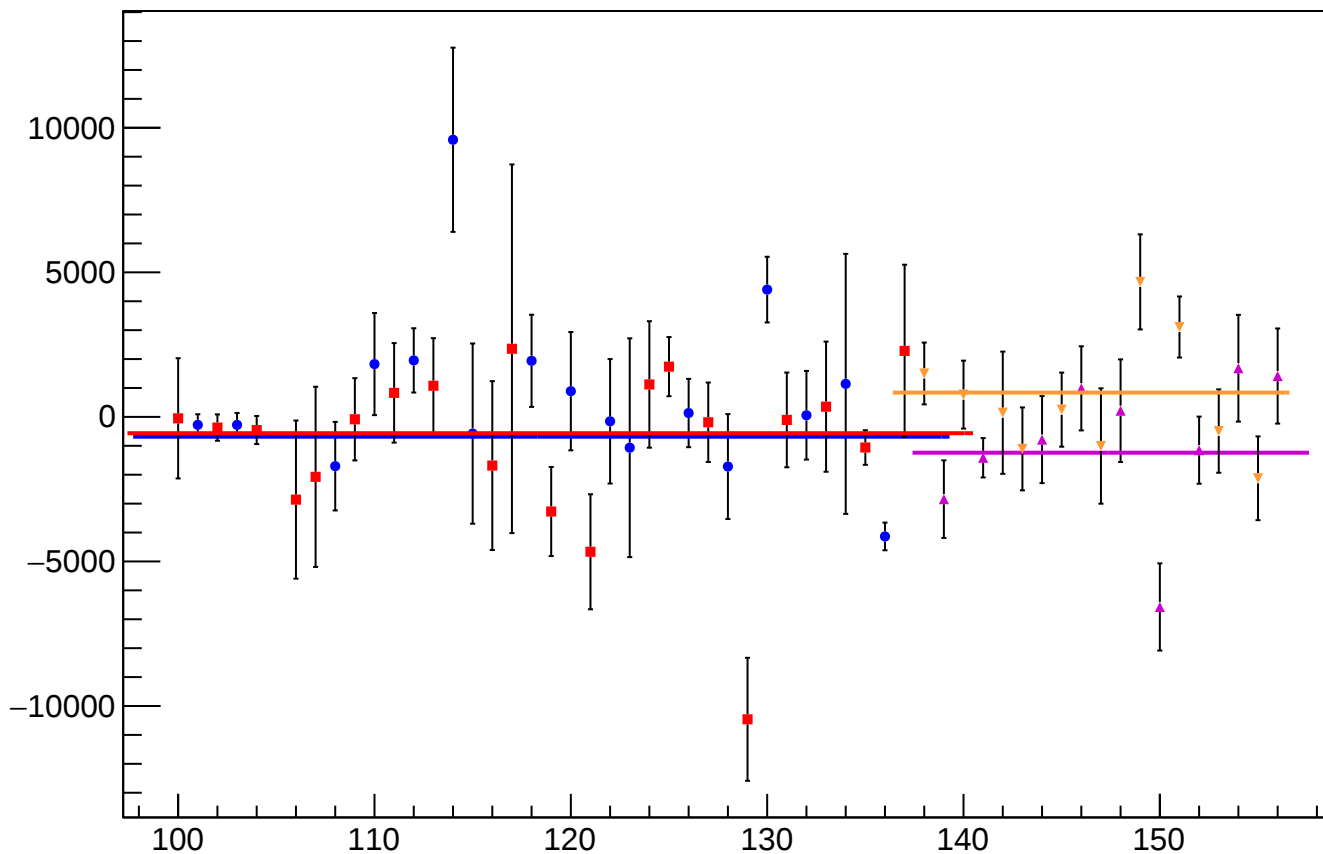
Left In: 313.474 ± 0.085 $\chi^2/\text{NDF}: 403454.8/8$

317.302 ± 0.061 $\chi^2/\text{NDF}: 963064.6/26$

311.669 ± 0.042 $\chi^2/\text{NDF}: 1886072.2/55$

306.528 ± 0.059 $\chi^2/\text{NDF}: 906877.9/28$

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -685.056 ± 210.341 χ^2/NDF : 97.4/16

Left Out: 840.781 ± 430.565 χ^2/NDF : 18.5/9

Right Out: -564.400 ± 243.074 χ^2/NDF : 39.9/19

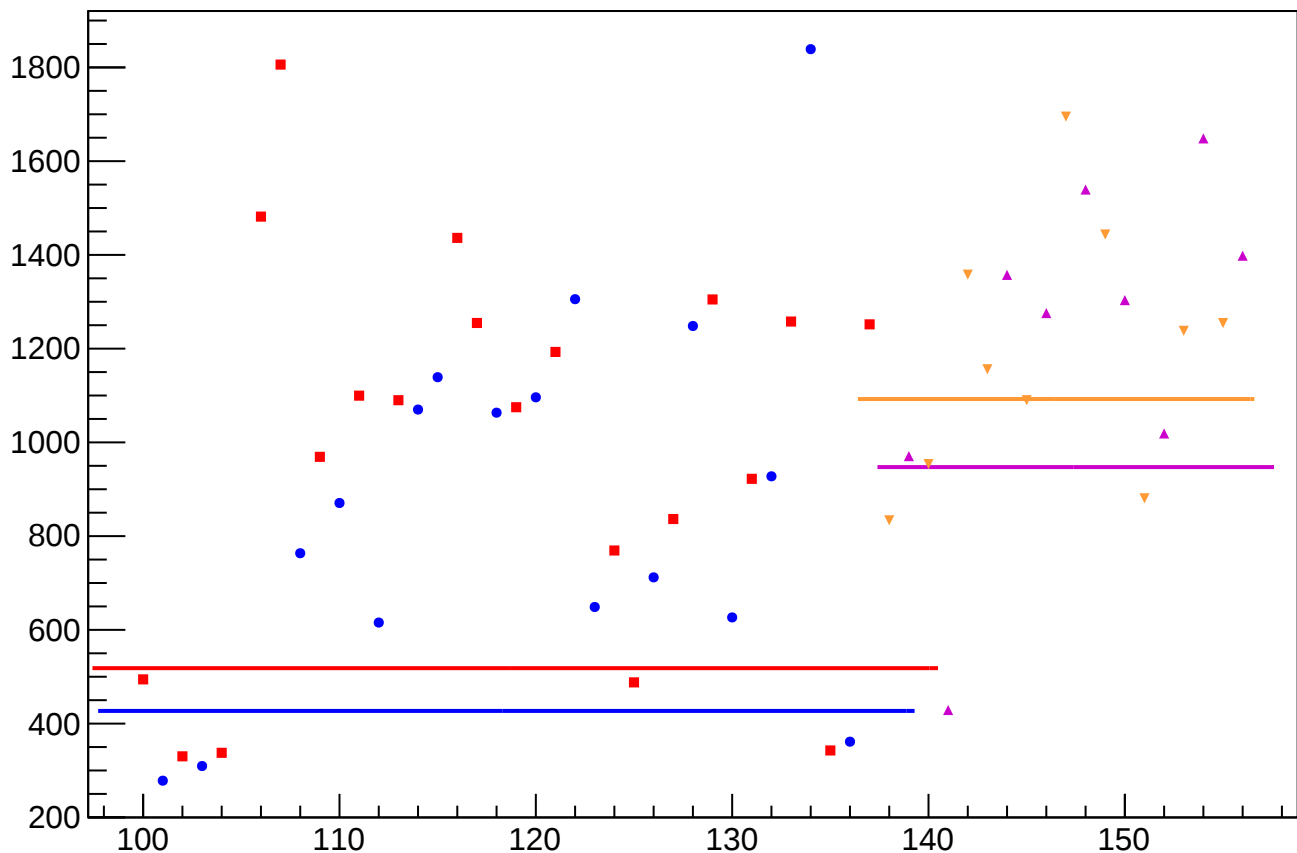
Left In: -1238.771 ± 415.601 χ^2/NDF : 22.2/8

-391.070 ± 188.994 χ^2/NDF : 126.0/26

-545.700 ± 140.427 χ^2/NDF : 191.6/55

-736.288 ± 209.822 χ^2/NDF : 64.1/28

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.079+/-0.149 χ^2/NDF : 2865678.7/16

Left Out: 1092.508+/-0.304 χ^2/NDF : 580073.2/9

Right Out: 518.306+/-0.172 χ^2/NDF : 3631833.9/19

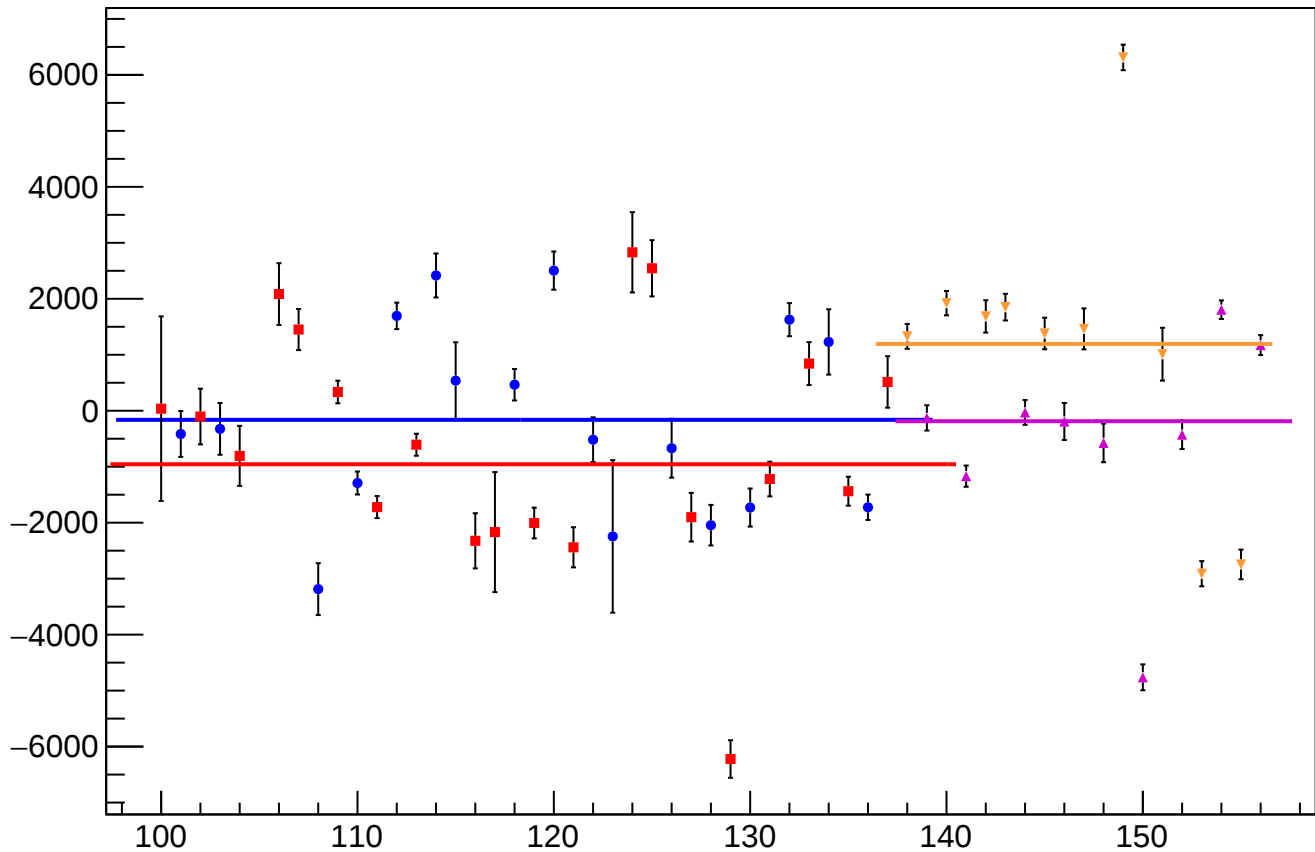
Left In: 947.308+/-0.294 χ^2/NDF : 2191713.8/8

555.289+/-0.134 χ^2/NDF : 7302361.1/26

587.702+/-0.099 χ^2/NDF : 14845116.7/55

627.653+/-0.148 χ^2/NDF : 7411420.8/28

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -162.333 ± 82.350 $\chi^2/\text{NDF}: 387.6/16$

Left Out: 1193.851 ± 81.995 $\chi^2/\text{NDF}: 1082.1/9$

Right Out: -956.044 ± 74.949 $\chi^2/\text{NDF}: 541.1/19$

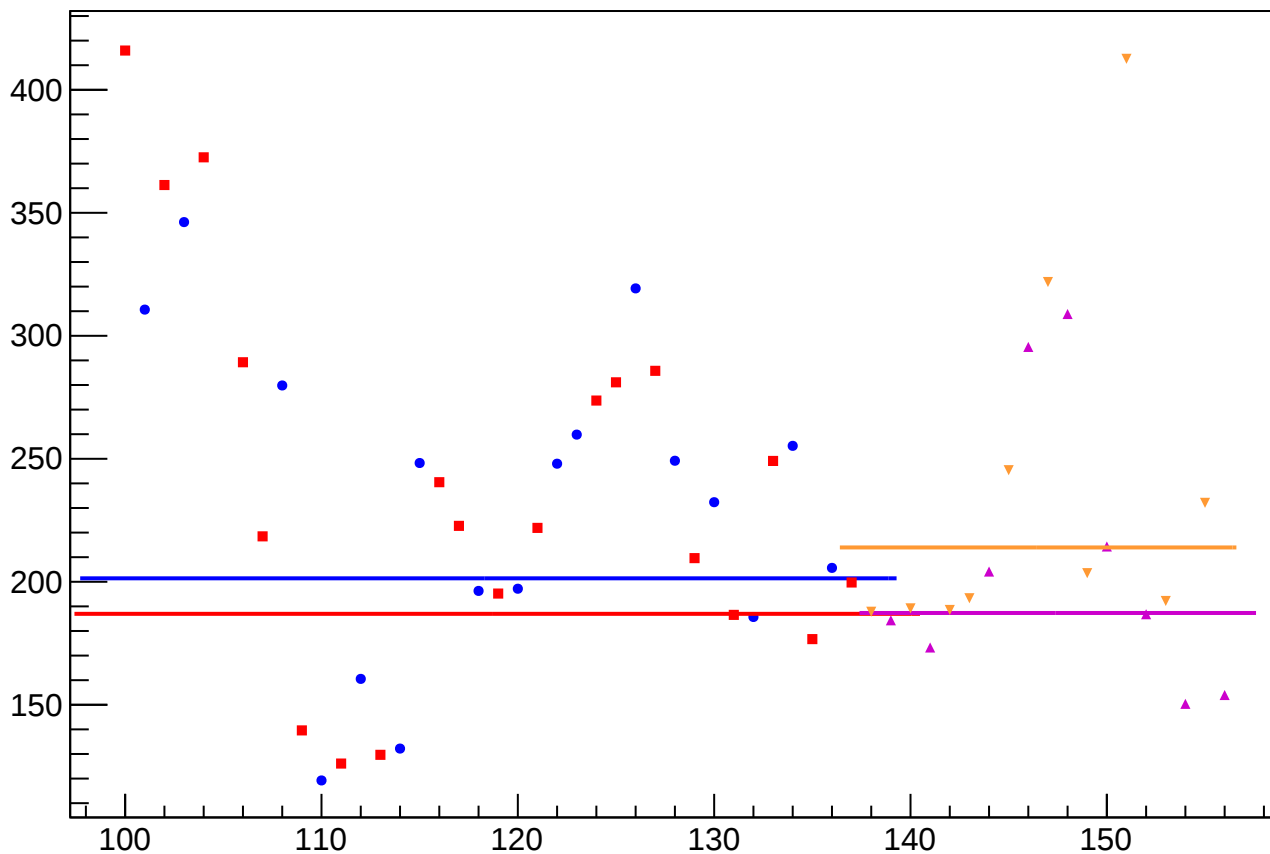
Left In: -187.111 ± 73.136 $\chi^2/\text{NDF}: 623.2/8$

518.690 ± 58.104 $\chi^2/\text{NDF}: 1605.9/26$

-77.952 ± 38.890 $\chi^2/\text{NDF}: 3015.1/55$

-562.161 ± 52.344 $\chi^2/\text{NDF}: 1218.2/28$

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.409 +/- 0.058 χ^2/NDF : 1056022.1/16

Left Out: 213.961 +/- 0.058 χ^2/NDF : 669012.4/9

Right Out: 186.973 +/- 0.053 χ^2/NDF : 1395397.8/19

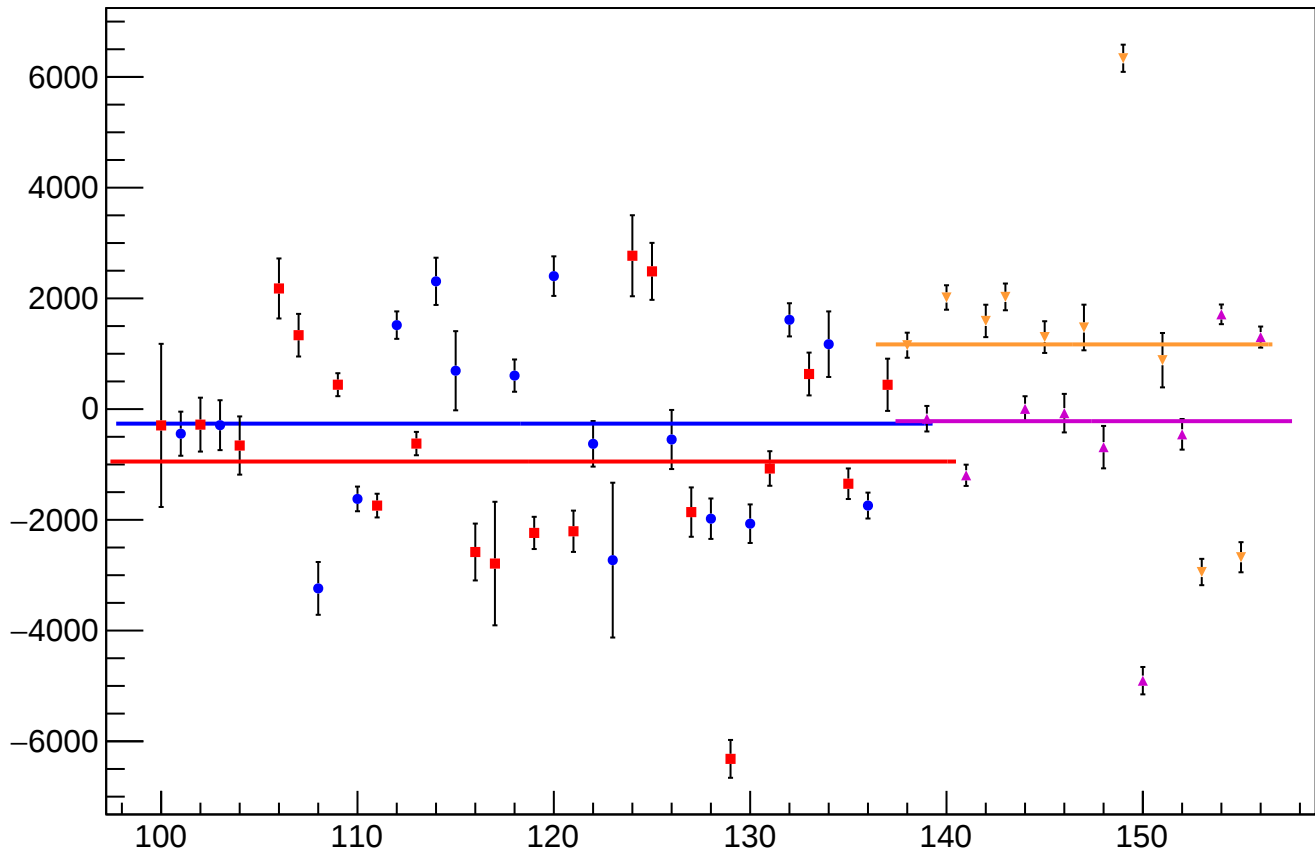
Left In: 187.321 +/- 0.052 χ^2/NDF : 680625.3/8

207.712 +/- 0.041 χ^2/NDF : 1748367.1/26

196.362 +/- 0.027 χ^2/NDF : 3962655.3/55

187.151 +/- 0.037 χ^2/NDF : 2076045.2/28

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -262.324 ± 85.433 $\chi^2/\text{NDF}: 368.7/16$

Left Out: 1168.890 ± 84.894 $\chi^2/\text{NDF}: 971.8/9$

Right Out: -946.785 ± 78.241 $\chi^2/\text{NDF}: 524.6/19$

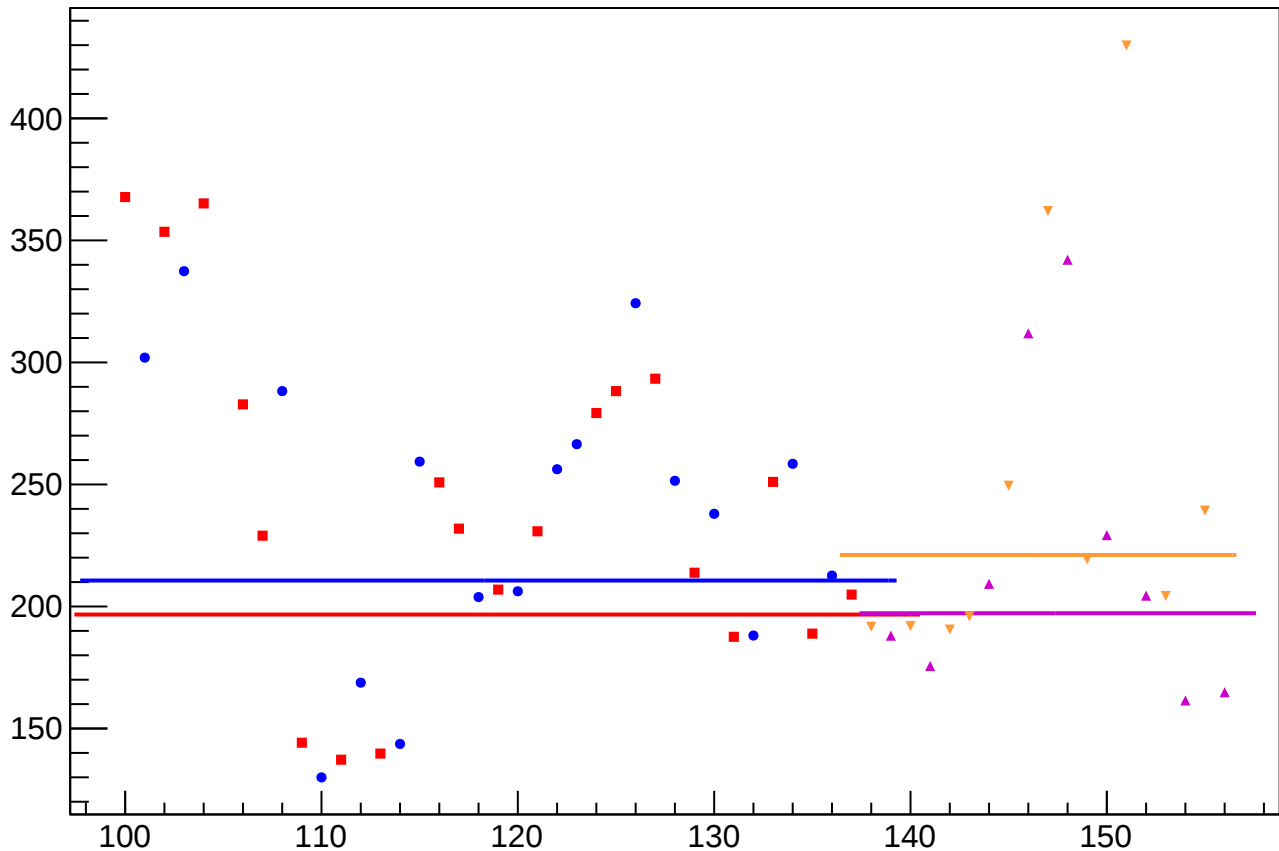
Left In: -217.681 ± 76.918 $\chi^2/\text{NDF}: 569.9/8$

457.813 ± 60.219 $\chi^2/\text{NDF}: 1481.7/26$

-107.225 ± 40.551 $\chi^2/\text{NDF}: 2781.5/55$

-576.016 ± 54.851 $\chi^2/\text{NDF}: 1138.7/28$

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 210.636+/-0.060 χ^2/NDF : 875776.4/16

Left Out: 221.110+/-0.060 χ^2/NDF : 745467.2/9

Right Out: 196.702+/-0.055 χ^2/NDF : 1207089.6/19

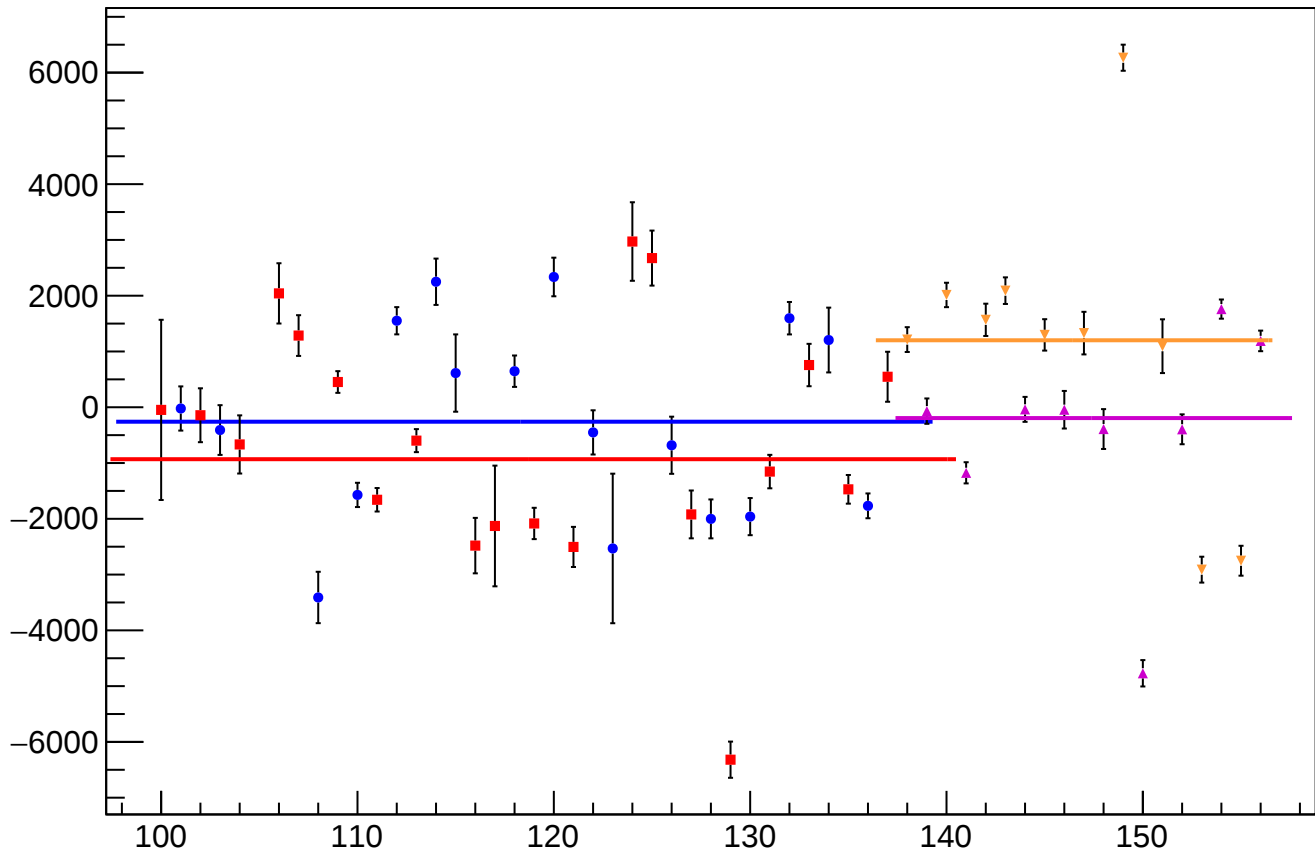
Left In: 197.236+/-0.054 χ^2/NDF : 710750.4/8

215.906+/-0.043 χ^2/NDF : 1636370.1/26

205.558+/-0.029 χ^2/NDF : 3662305.6/55

196.973+/-0.039 χ^2/NDF : 1917887.3/28

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -259.139 $\pm$ 82.802 χ^2/NDF : 391.2/16

Left Out: 1200.817 $\pm$ 83.001 χ^2/NDF : 1030.0/9

Right Out: -931.363 $\pm$ 75.320 χ^2/NDF : 583.1/19

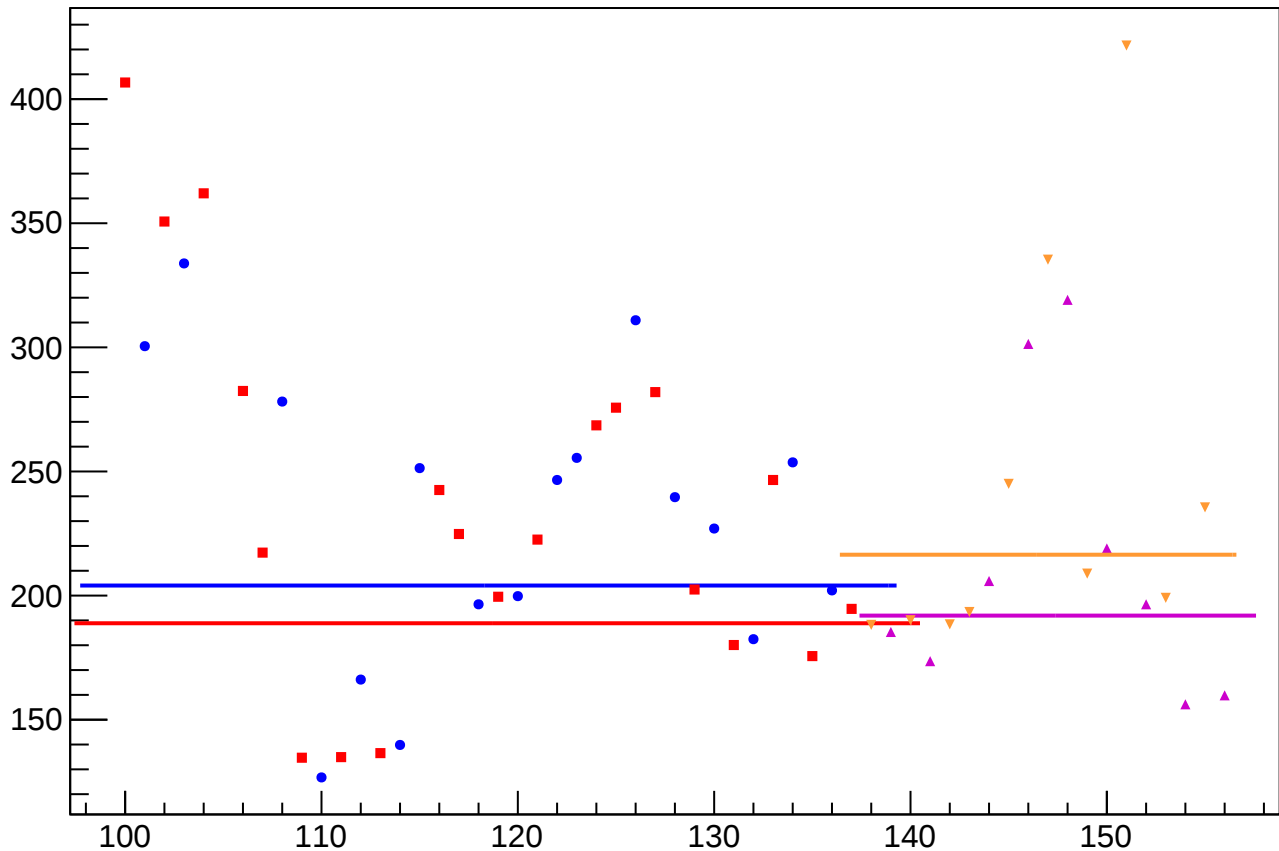
Left In: -194.036 $\pm$ 74.810 χ^2/NDF : 588.3/8

469.086 $\pm$ 58.620 χ^2/NDF : 1576.3/26

-96.496 $\pm$ 39.346 χ^2/NDF : 2965.4/55

-560.192 $\pm$ 53.078 χ^2/NDF : 1219.7/28

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.051 +/- 0.059 χ^2/NDF : 868423.0/16

Left Out: 216.467 +/- 0.059 χ^2/NDF : 698959.2/9

Right Out: 188.856 +/- 0.053 χ^2/NDF : 1253327.1/19

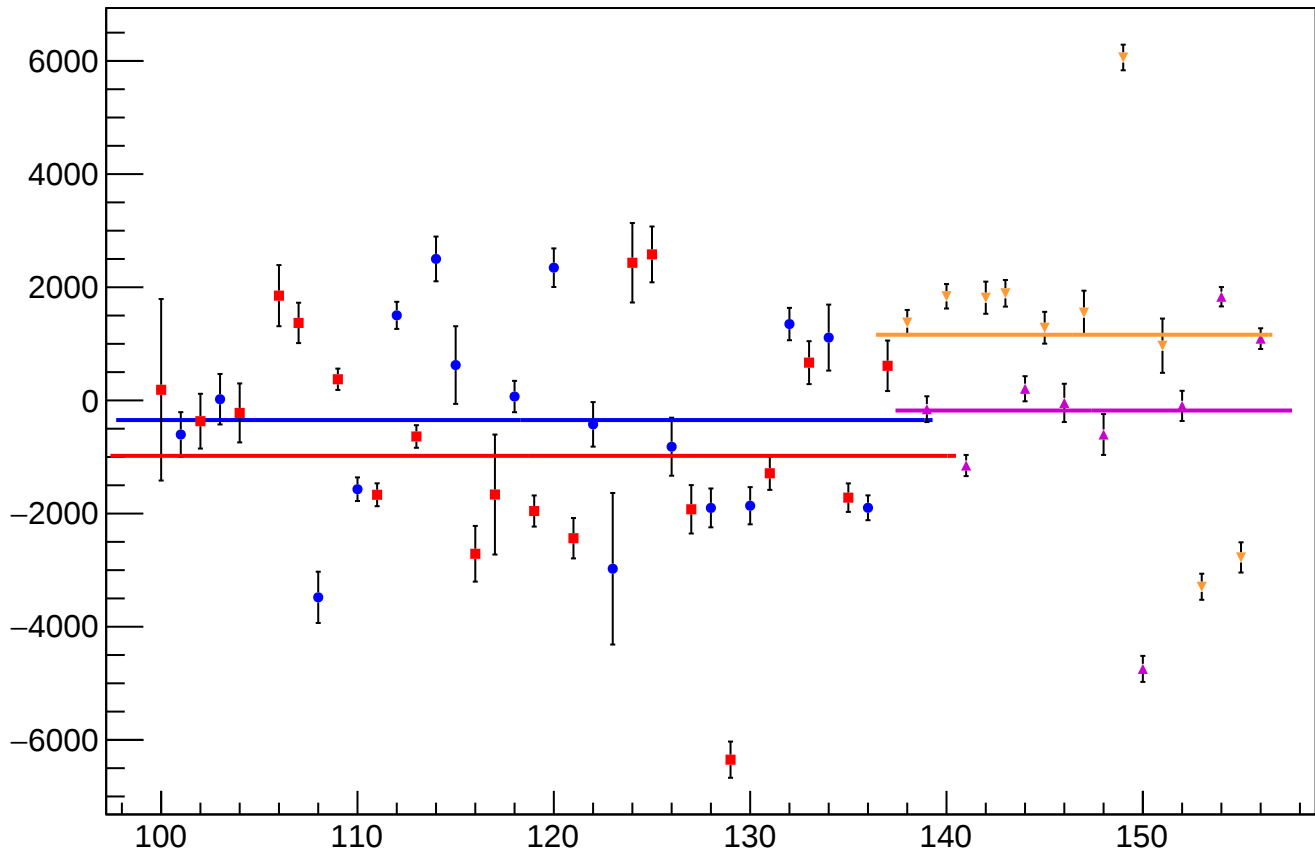
Left In: 191.937 +/- 0.053 χ^2/NDF : 666195.8/8

210.244 +/- 0.041 χ^2/NDF : 1589813.1/26

199.344 +/- 0.028 χ^2/NDF : 3636878.4/55

190.407 +/- 0.038 χ^2/NDF : 1921207.8/28

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -347.240 $\pm$ 81.318 χ^2/NDF : 399.1/16

Left Out: 1160.732 $\pm$ 82.199 χ^2/NDF : 1086.2/9

Right Out: -979.606 $\pm$ 73.710 χ^2/NDF : 586.1/19

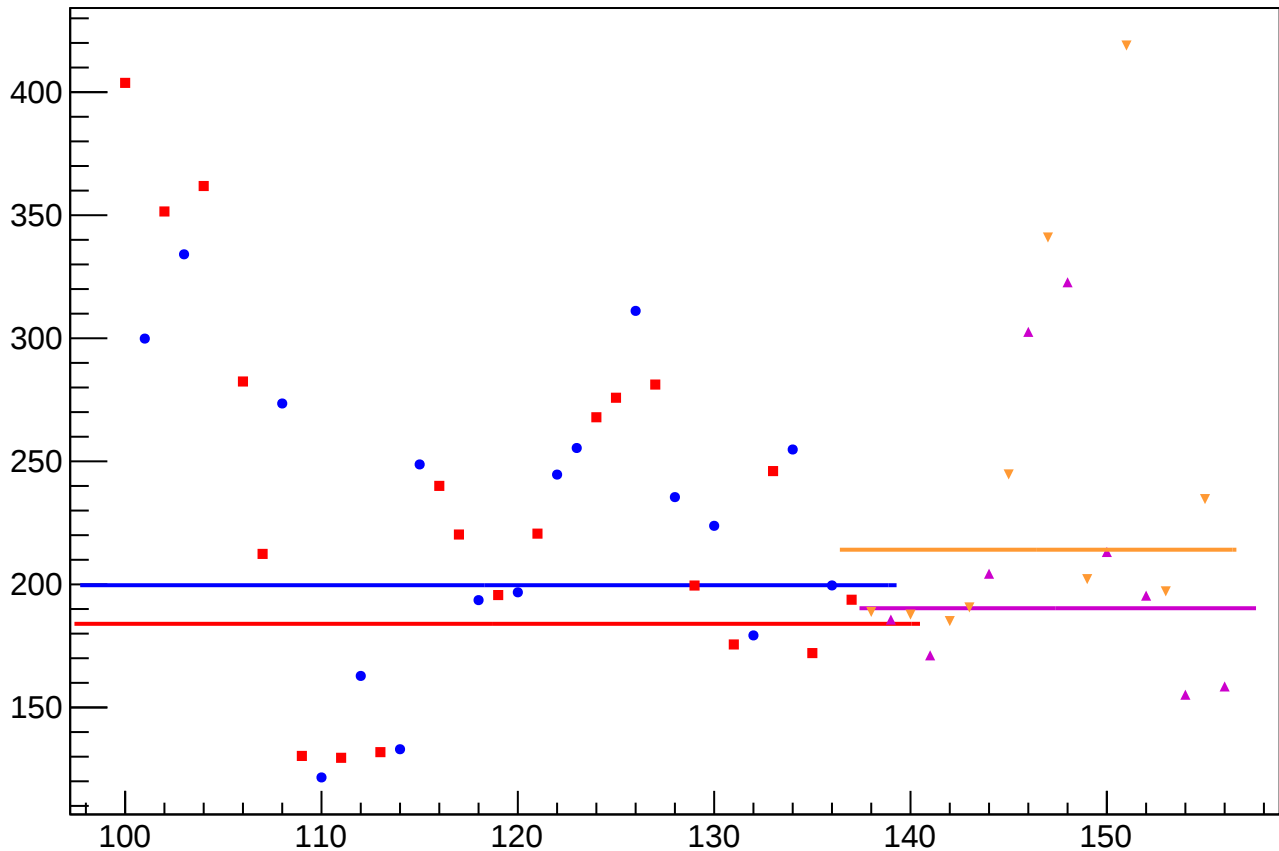
Left In: -178.460 $\pm$ 74.233 χ^2/NDF : 611.9/8

398.620 $\pm$ 57.809 χ^2/NDF : 1655.4/26

-140.513 $\pm$ 38.785 χ^2/NDF : 3070.2/55

-581.864 $\pm$ 52.305 χ^2/NDF : 1256.6/28

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 199.669 +/- 0.058 χ^2/NDF : 943155.1/16

Left Out: 214.096 +/- 0.058 χ^2/NDF : 727007.6/9

Right Out: 183.984 +/- 0.052 χ^2/NDF : 1351978.1/19

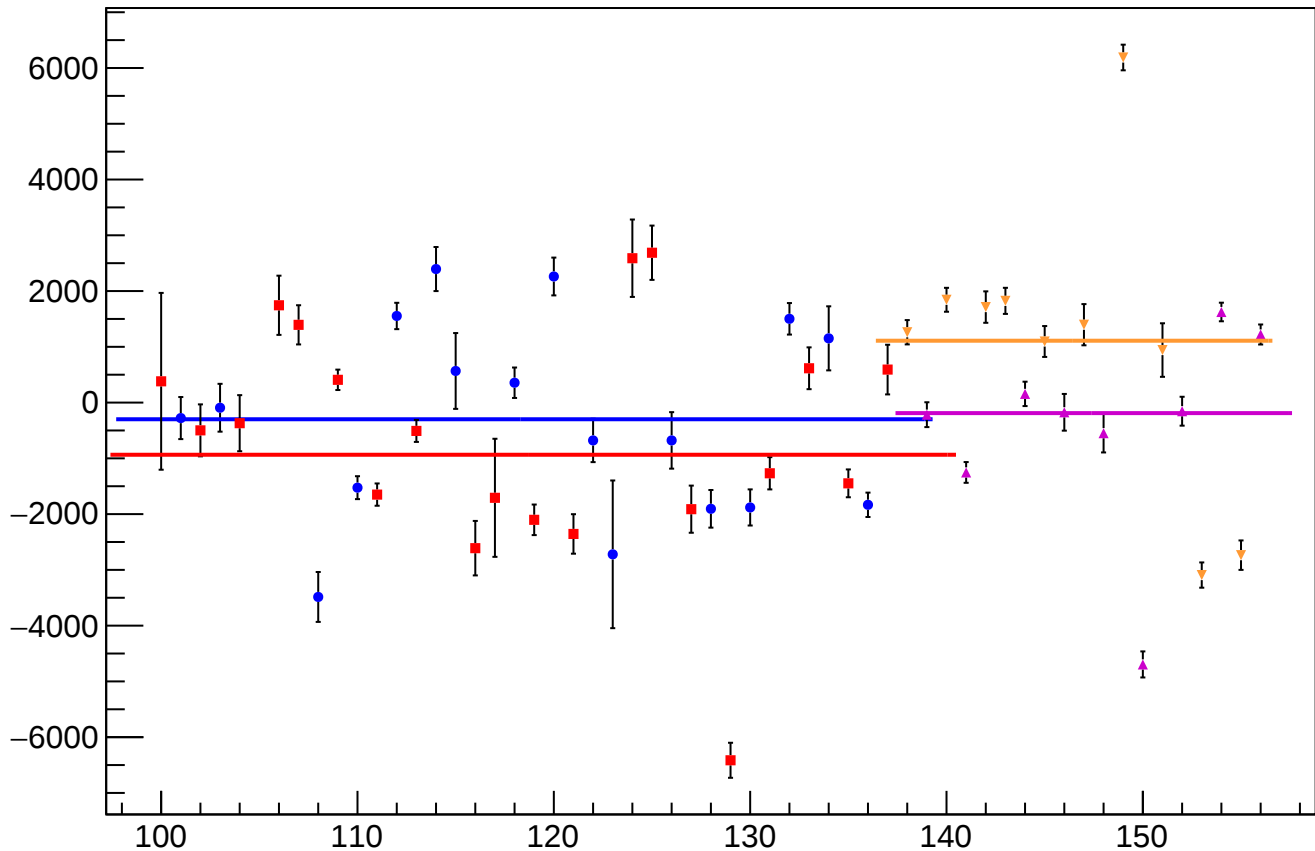
Left In: 190.317 +/- 0.052 χ^2/NDF : 683989.3/8

206.805 +/- 0.041 χ^2/NDF : 1701298.3/26

195.985 +/- 0.027 χ^2/NDF : 3871996.6/55

187.128 +/- 0.037 χ^2/NDF : 2043296.6/28

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -298.963 ± 80.162 $\chi^2/\text{NDF}: 406.6/16$

Left Out: 1109.431 ± 81.368 $\chi^2/\text{NDF}: 1070.7/9$

Right Out: -935.490 ± 72.580 $\chi^2/\text{NDF}: 615.3/19$

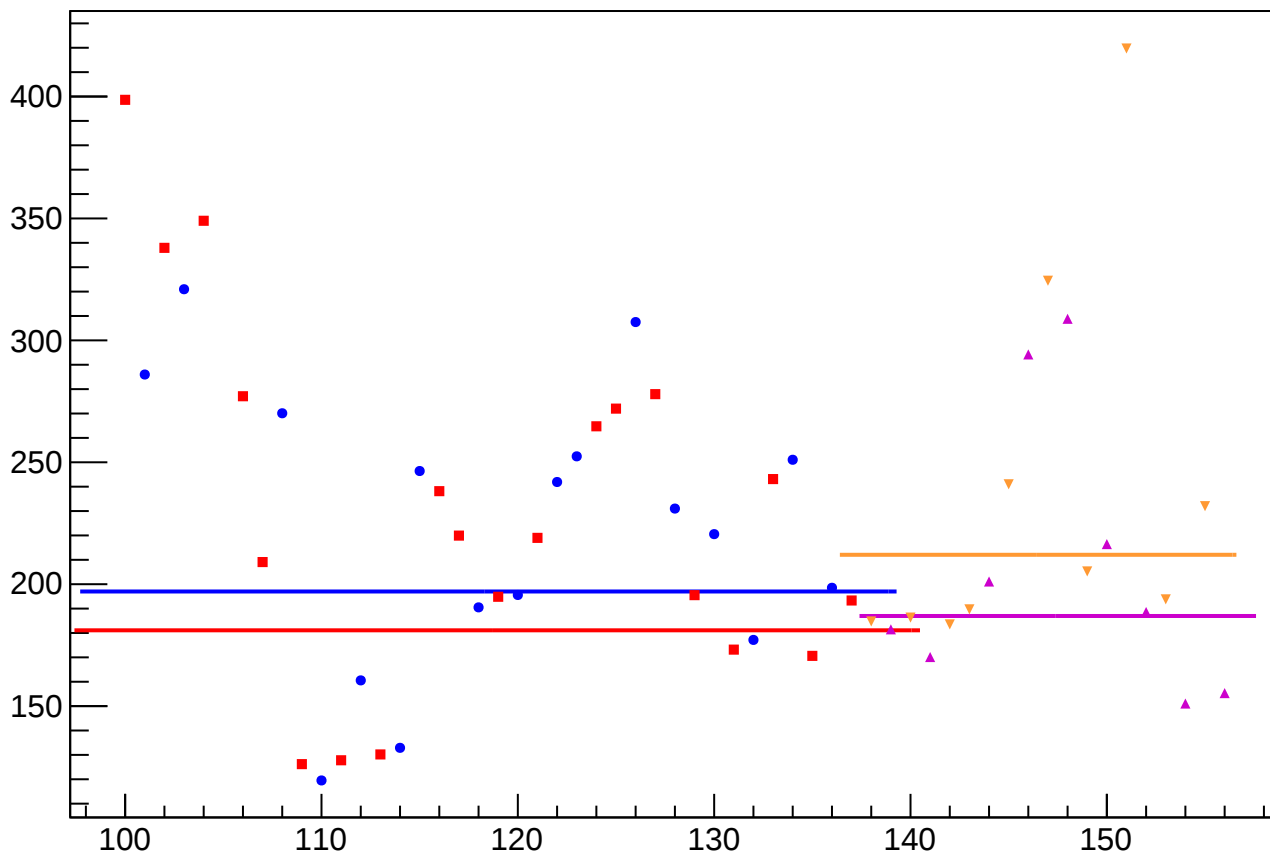
Left In: -188.696 ± 72.970 $\chi^2/\text{NDF}: 588.5/8$

394.716 ± 57.105 $\chi^2/\text{NDF}: 1629.3/26$

-134.417 ± 38.228 $\chi^2/\text{NDF}: 3041.3/55$

-564.098 ± 51.459 $\chi^2/\text{NDF}: 1256.5/28$

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 197.013 $\pm$ 0.057 χ^2 /NDF: 911923.5/16

Left Out: 212.063 $\pm$ 0.058 χ^2 /NDF: 706101.8/9

Right Out: 181.089 $\pm$ 0.051 χ^2 /NDF: 1348390.5/19

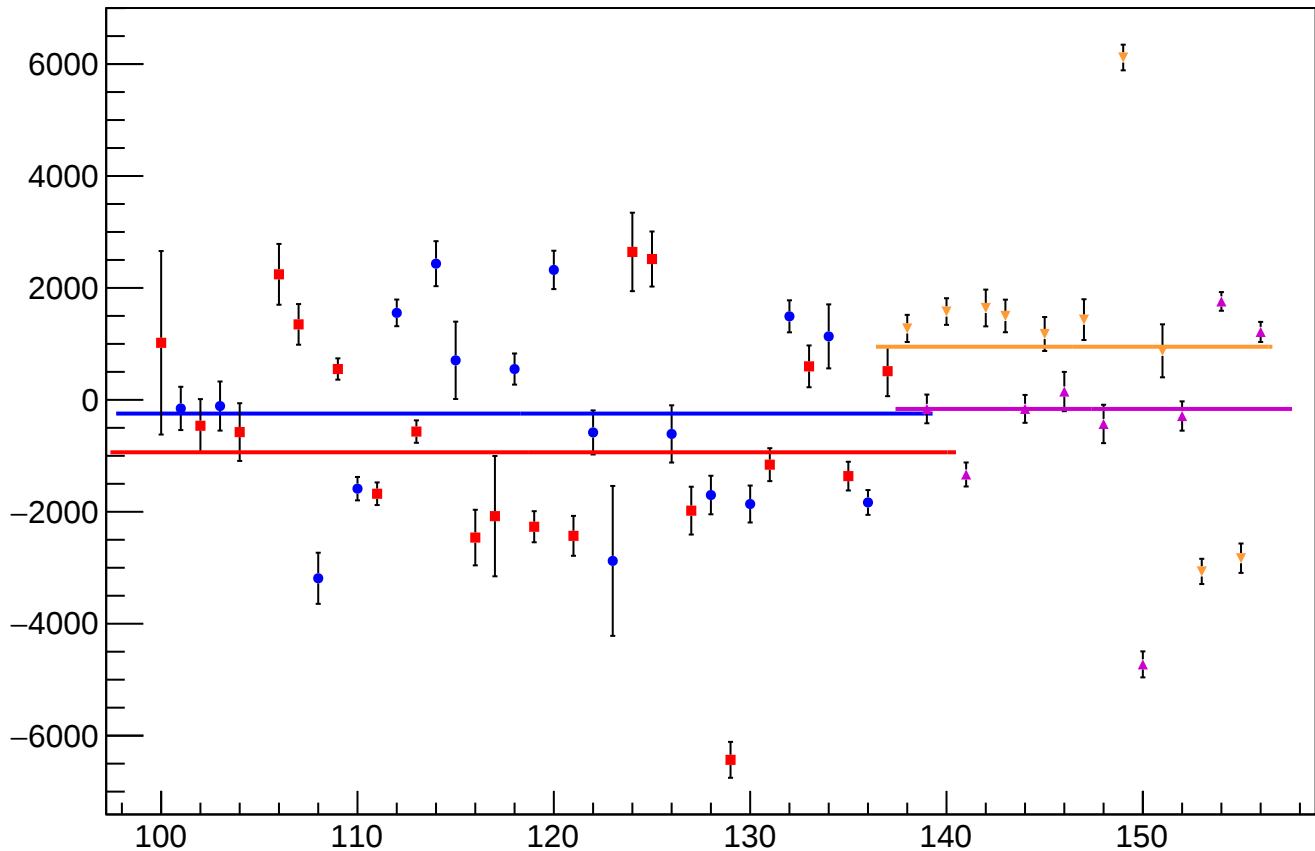
Left In: 186.966 $\pm$ 0.052 χ^2 /NDF: 673659.2/8

204.426 $\pm$ 0.040 χ^2 /NDF: 1652744.2/26

193.160 $\pm$ 0.027 χ^2 /NDF: 3822360.4/55

184.012 $\pm$ 0.036 χ^2 /NDF: 2028570.4/28

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.925 ± 81.395 χ^2/NDF : 391.4/16

Left Out: 949.233 ± 87.146 χ^2/NDF : 1050.0/9

Right Out: -936.709 ± 74.030 χ^2/NDF : 610.9/19

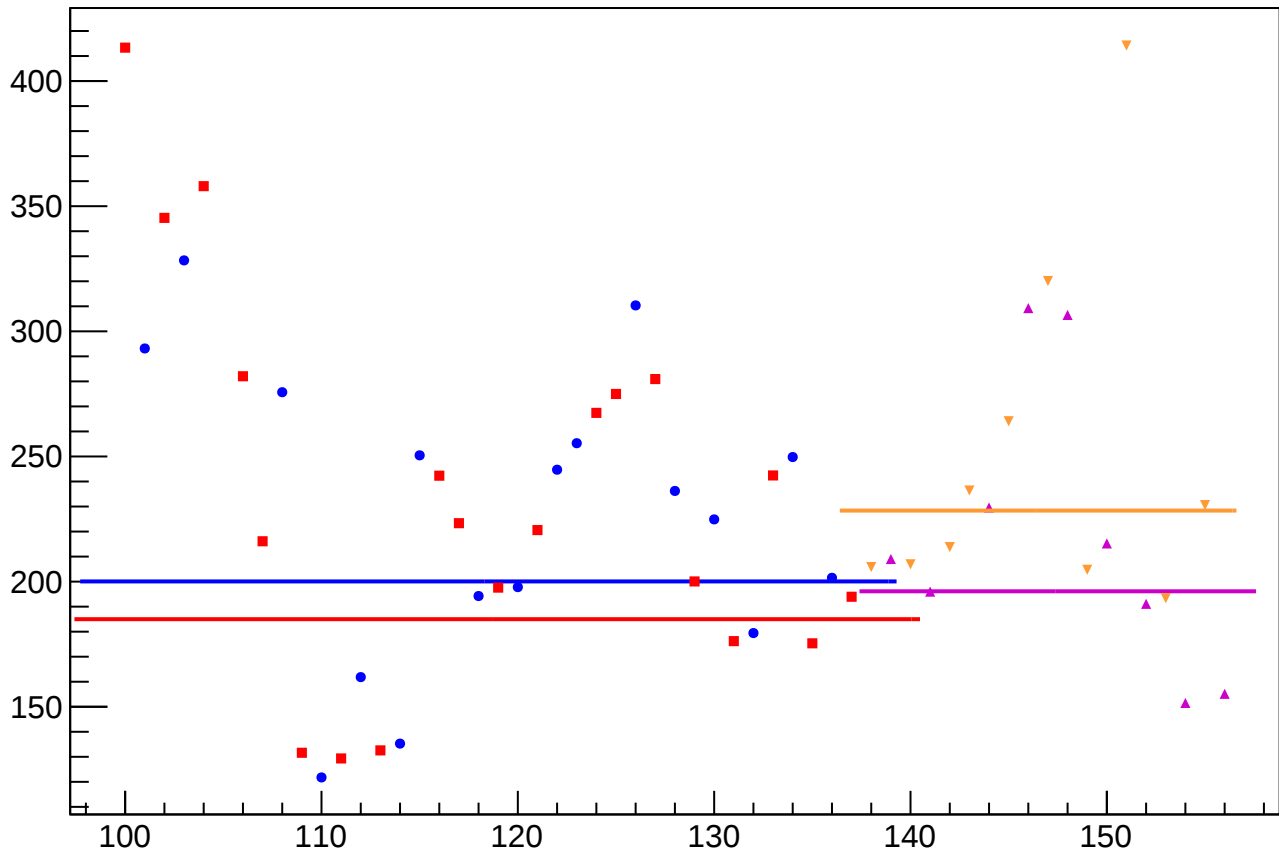
Left In: -162.154 ± 76.779 χ^2/NDF : 608.3/8

311.451 ± 59.484 χ^2/NDF : 1541.7/26

-173.947 ± 39.693 χ^2/NDF : 2933.6/55

-563.546 ± 53.292 χ^2/NDF : 1271.9/28

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 200.078 ± 0.058 $\chi^2/\text{NDF}: 918309.2/16$

Left Out: 228.379 ± 0.062 $\chi^2/\text{NDF}: 570643.2/9$

Right Out: 184.990 ± 0.052 $\chi^2/\text{NDF}: 1320825.4/19$

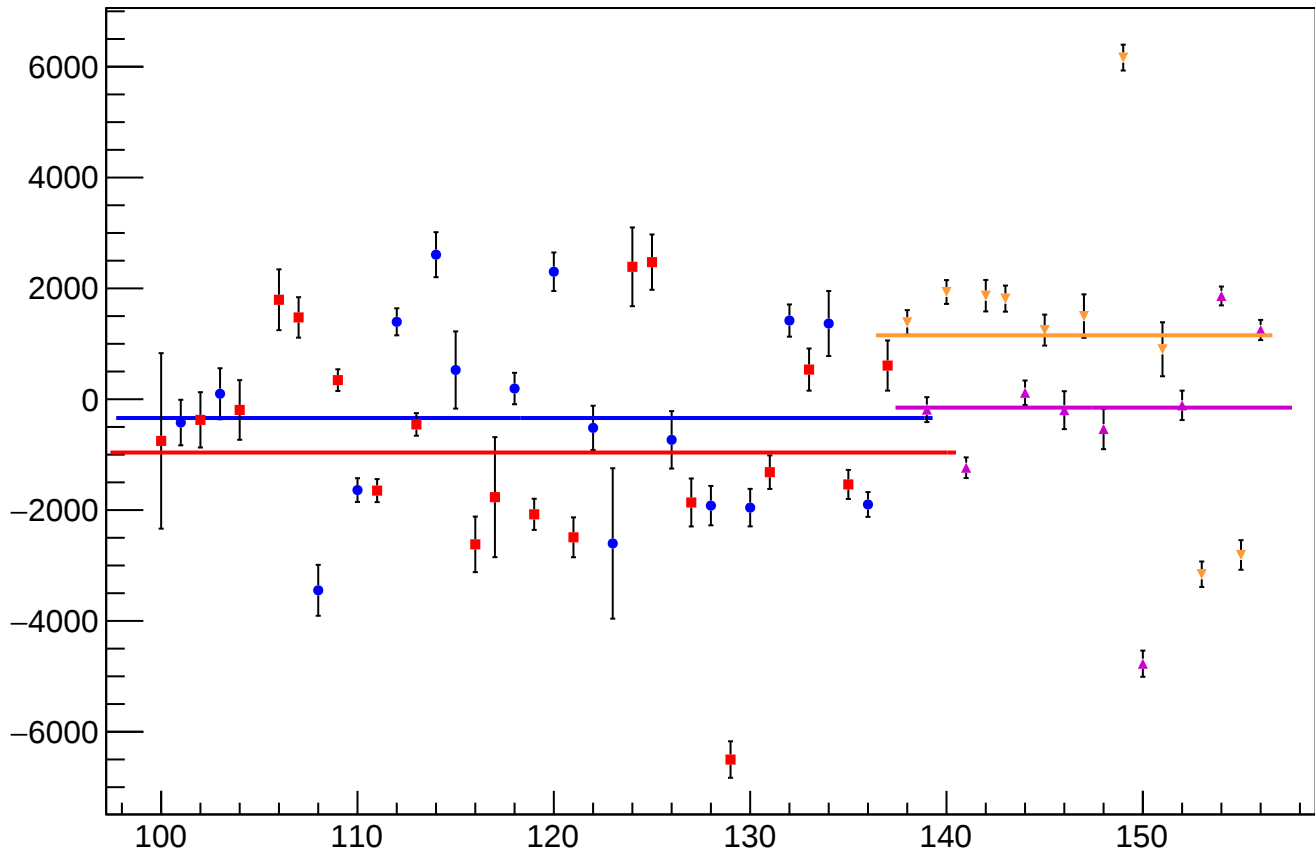
Left In: 196.133 ± 0.054 $\chi^2/\text{NDF}: 717560.8/8$

213.264 ± 0.042 $\chi^2/\text{NDF}: 1601604.9/26$

200.557 ± 0.028 $\chi^2/\text{NDF}: 3826332.8/55$

190.359 ± 0.038 $\chi^2/\text{NDF}: 2060217.9/28$

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -338.966 ± 83.123 $\chi^2/\text{NDF}: 389.5/16$

Left Out: 1153.821 ± 82.323 $\chi^2/\text{NDF}: 1062.6/9$

Right Out: -961.556 ± 75.564 $\chi^2/\text{NDF}: 570.9/19$

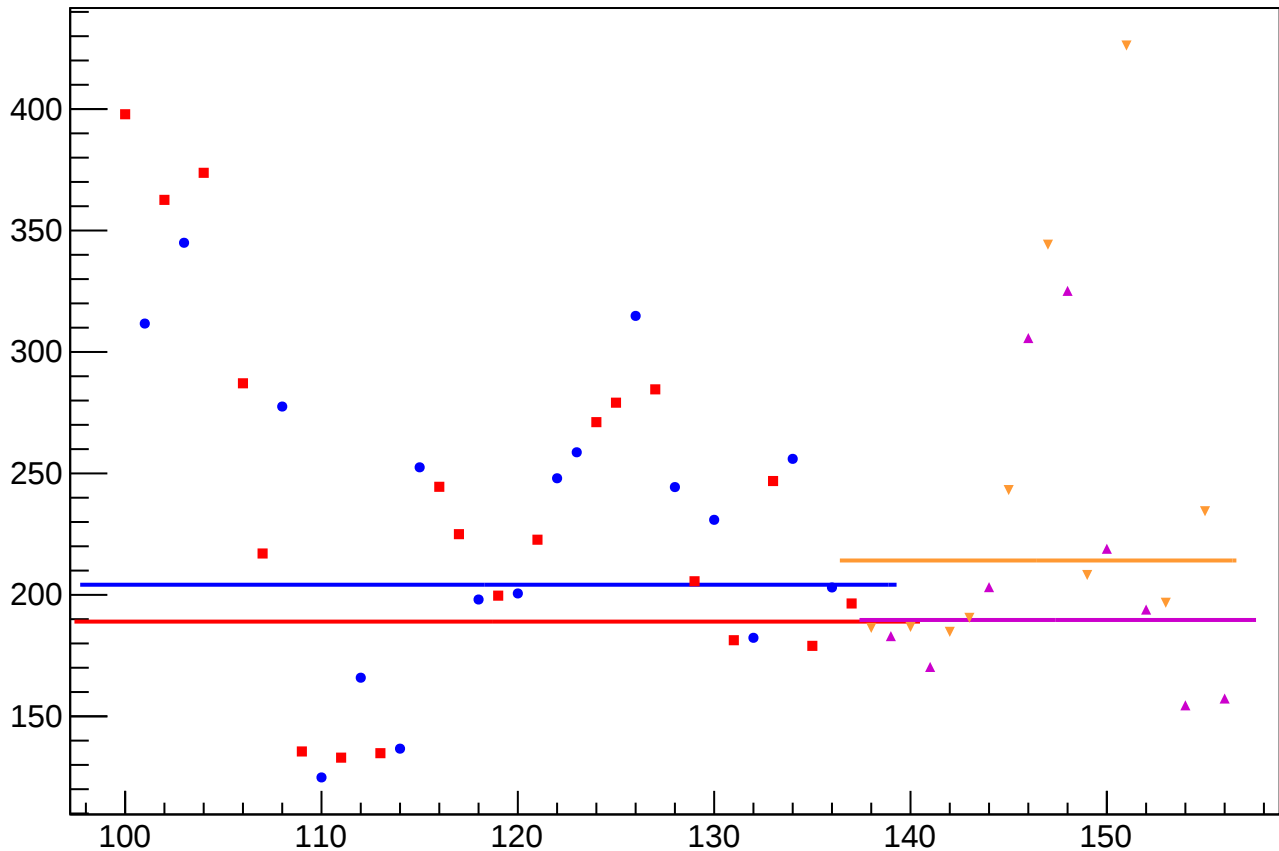
Left In: -151.505 ± 74.116 $\chi^2/\text{NDF}: 618.0/8$

414.644 ± 58.492 $\chi^2/\text{NDF}: 1614.9/26$

-115.150 ± 39.239 $\chi^2/\text{NDF}: 3011.5/55$

-548.697 ± 52.913 $\chi^2/\text{NDF}: 1247.4/28$

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 204.175 $\pm$ 0.059 χ^2 /NDF: 947438.5/16

Left Out: 214.155 $\pm$ 0.058 χ^2 /NDF: 750346.8/9

Right Out: 188.997 $\pm$ 0.053 χ^2 /NDF: 1317112.1/19

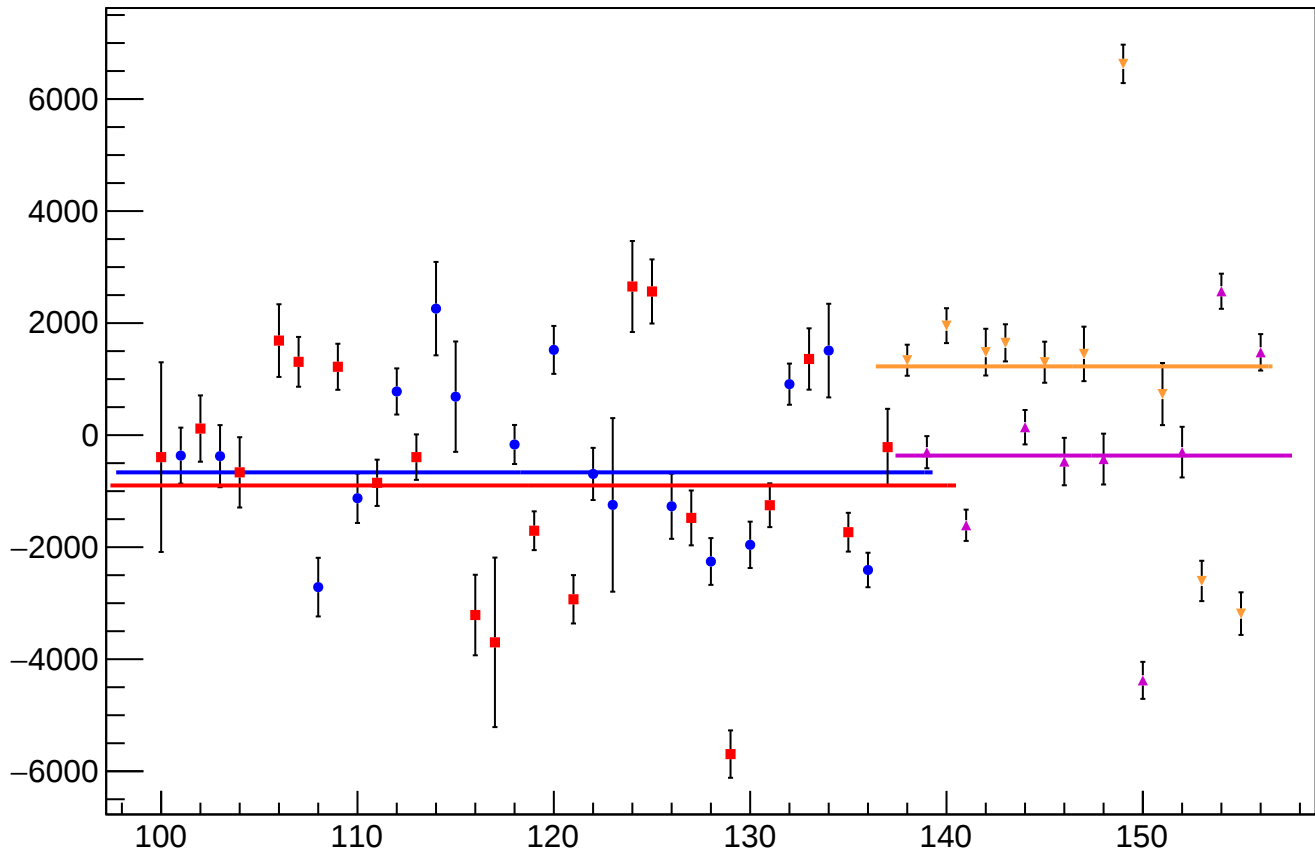
Left In: 189.668 $\pm$ 0.052 χ^2 /NDF: 717867.2/8

209.214 $\pm$ 0.041 χ^2 /NDF: 1712341.0/26

198.283 $\pm$ 0.028 χ^2 /NDF: 3874388.0/55

189.339 $\pm$ 0.037 χ^2 /NDF: 2035059.6/28

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.383+/-113.949 χ^2/NDF : 154.3/16

Left Out: 1227.381+/-114.528 χ^2/NDF : 504.4/9

Right Out: -898.290+/-110.578 χ^2/NDF : 323.5/19

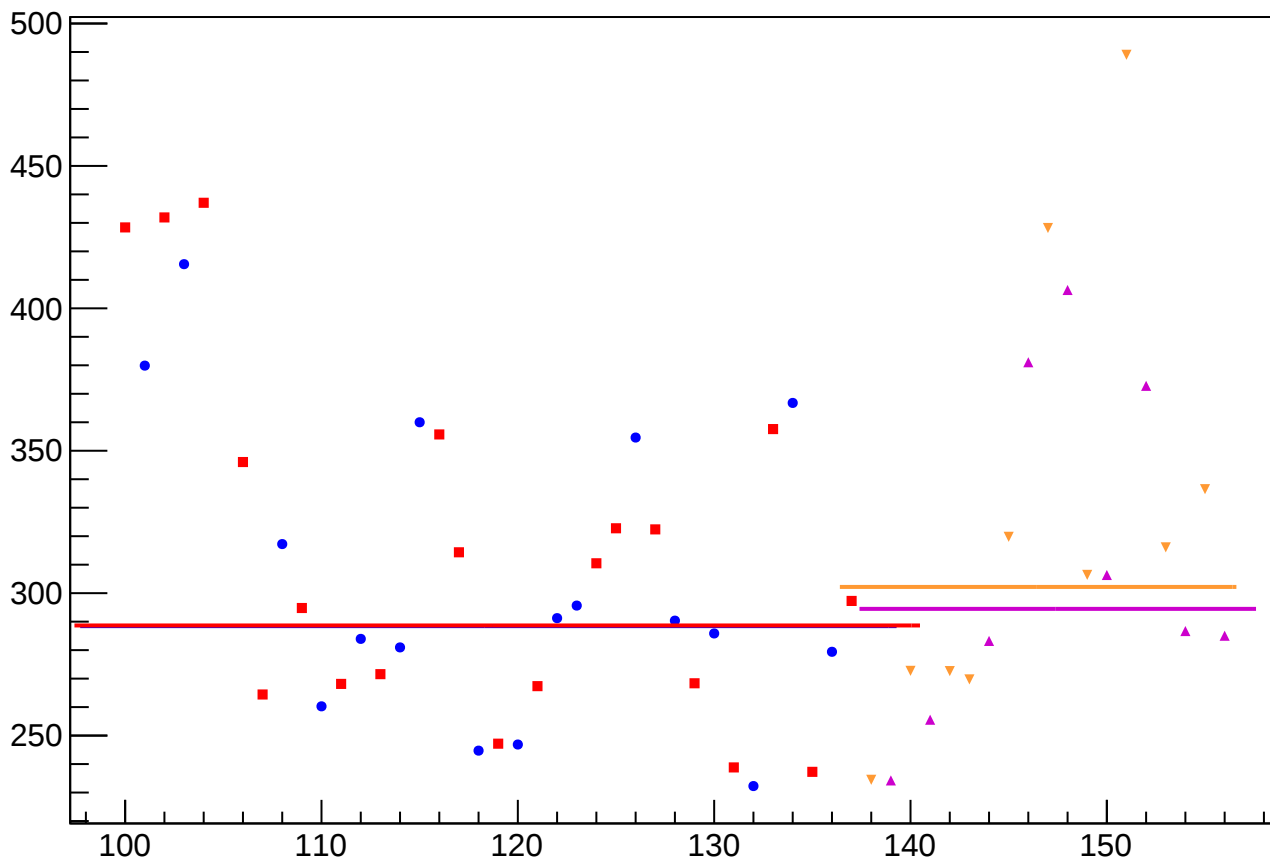
Left In: -364.643+/-112.029 χ^2/NDF : 289.6/8

276.701+/-80.778 χ^2/NDF : 795.9/26

-191.006+/-56.369 χ^2/NDF : 1485.9/55

-634.945+/-78.699 χ^2/NDF : 624.6/28

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 288.428+/-0.081 χ^2/NDF : 339820.0/16

Left Out: 302.189+/-0.081 χ^2/NDF : 552063.6/9

Right Out: 288.660+/-0.078 χ^2/NDF : 455989.7/19

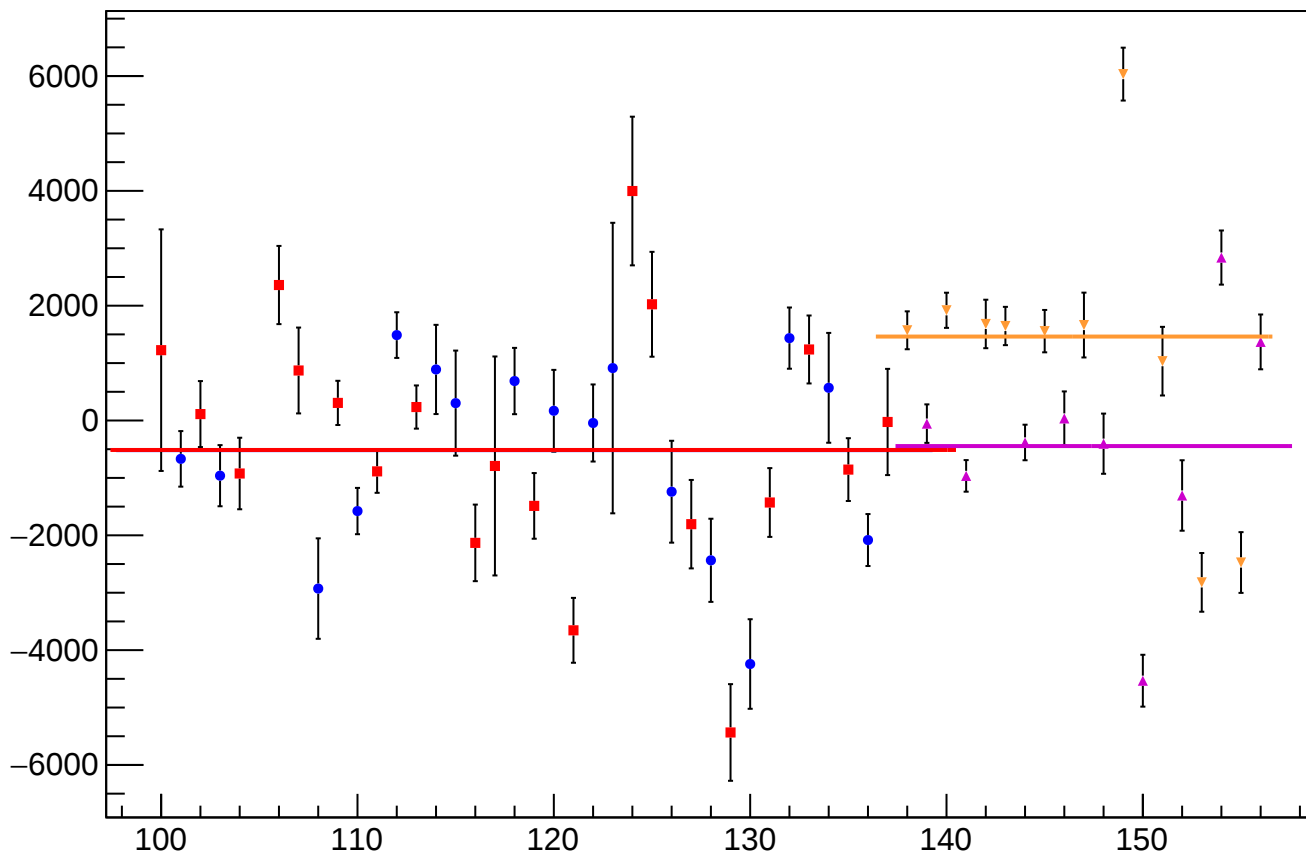
Left In: 294.488+/-0.079 χ^2/NDF : 400725.8/8

295.274+/-0.057 χ^2/NDF : 906394.0/26

293.356+/-0.040 χ^2/NDF : 1768048.0/55

291.536+/-0.056 χ^2/NDF : 859456.7/28

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -515.894+/-147.326 χ^2/NDF : 108.0/16

Left Out: 1462.221+/-129.303 χ^2/NDF : 227.5/9

Right Out: -513.264+/-135.456 χ^2/NDF : 141.3/19

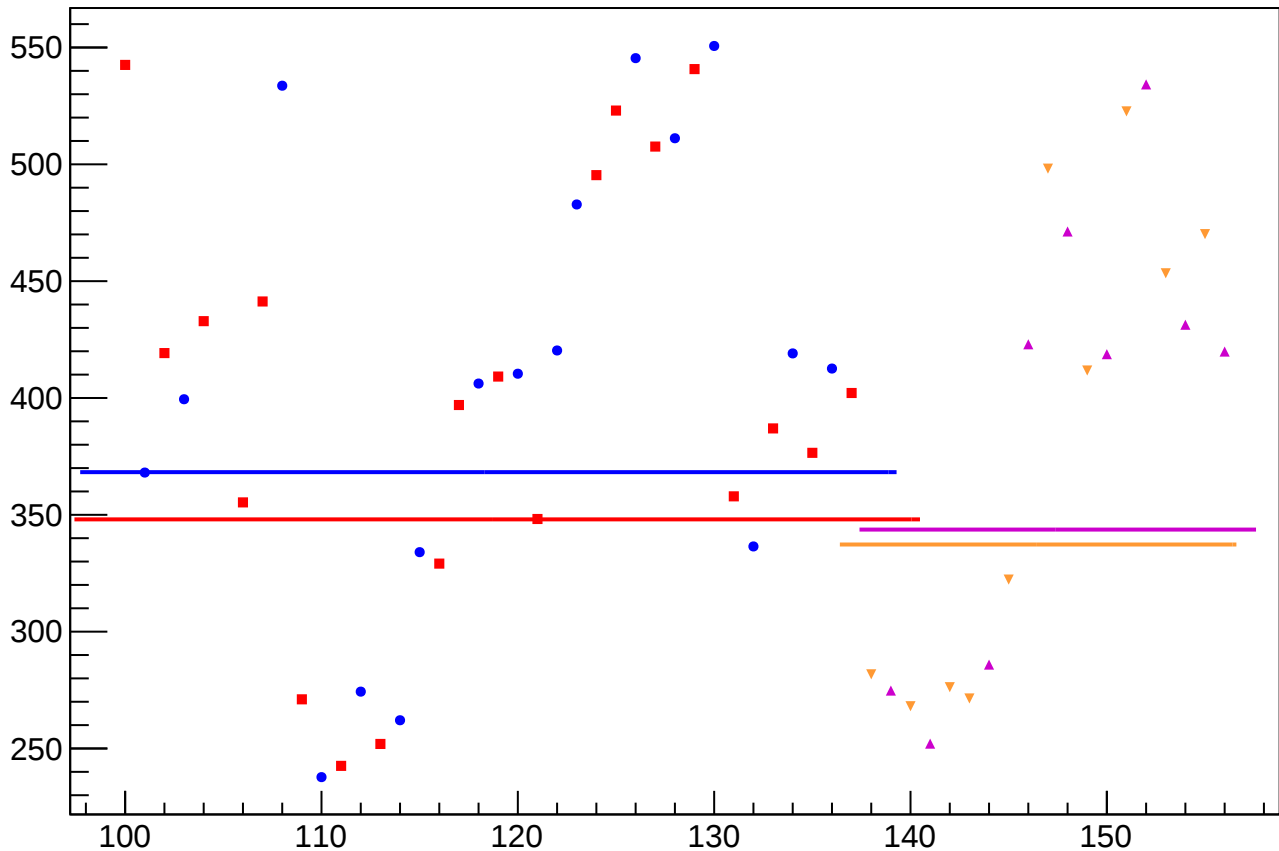
Left In: -445.322+/-132.325 χ^2/NDF : 152.8/8

601.497+/-97.182 χ^2/NDF : 437.4/26

47.277+/-67.807 χ^2/NDF : 795.0/55

-478.499+/-94.655 χ^2/NDF : 294.2/28

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 368.264 ± 0.104 χ^2/NDF : 770116.6/16

Left Out: 337.297 ± 0.091 χ^2/NDF : 917796.1/9

Right Out: 348.050 ± 0.096 χ^2/NDF : 823186.4/19

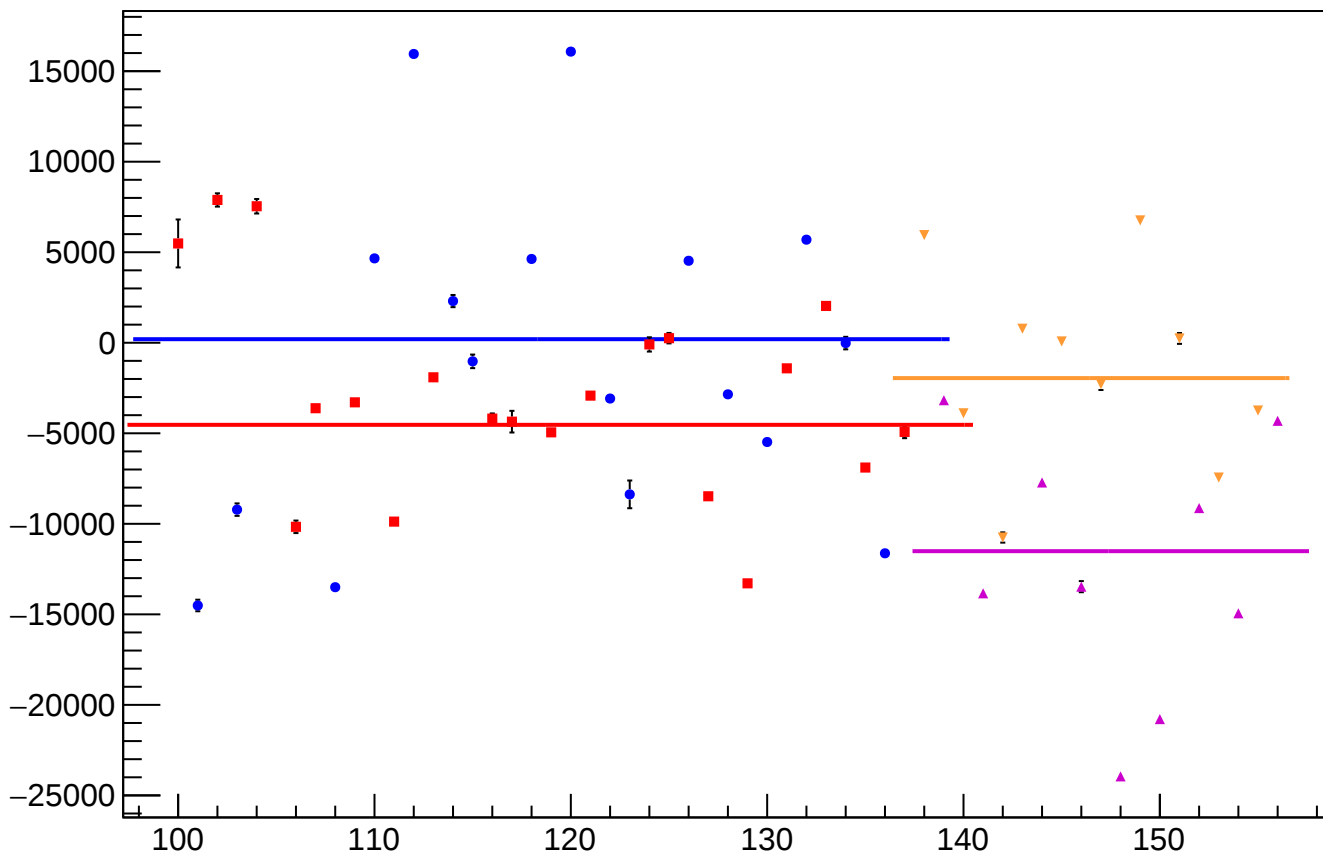
Left In: 343.685 ± 0.094 χ^2/NDF : 918885.0/8

350.771 ± 0.069 χ^2/NDF : 1737828.6/26

348.229 ± 0.048 χ^2/NDF : 3483630.5/55

345.817 ± 0.067 χ^2/NDF : 1743134.2/28

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 197.008 ± 54.799 $\chi^2/\text{NDF}: 30658.3/16$

Left Out: -1951.739 ± 68.145 $\chi^2/\text{NDF}: 5892.2/9$

Right Out: -4532.856 ± 52.261 $\chi^2/\text{NDF}: 7477.3/19$

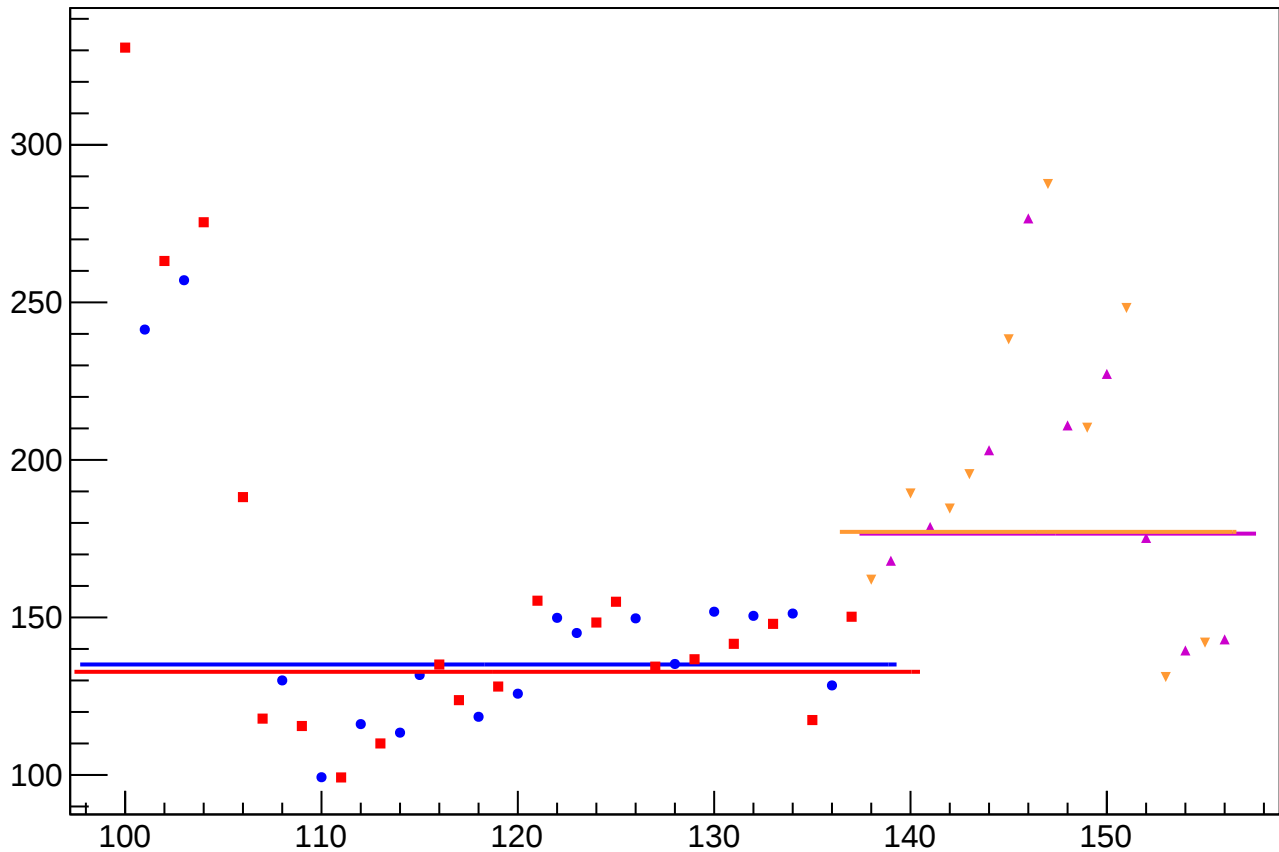
Left In: -11511.073 ± 68.481 $\chi^2/\text{NDF}: 8711.5/8$

-646.812 ± 42.704 $\chi^2/\text{NDF}: 37154.3/26$

-3962.756 ± 29.778 $\chi^2/\text{NDF}: 71641.1/55$

-7101.165 ± 41.545 $\chi^2/\text{NDF}: 22750.8/28$

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.072+/-0.039 χ^2/NDF : 658703.5/16

Left Out: 177.165+/-0.048 χ^2/NDF : 802890.2/9

Right Out: 132.747+/-0.037 χ^2/NDF : 831647.2/19

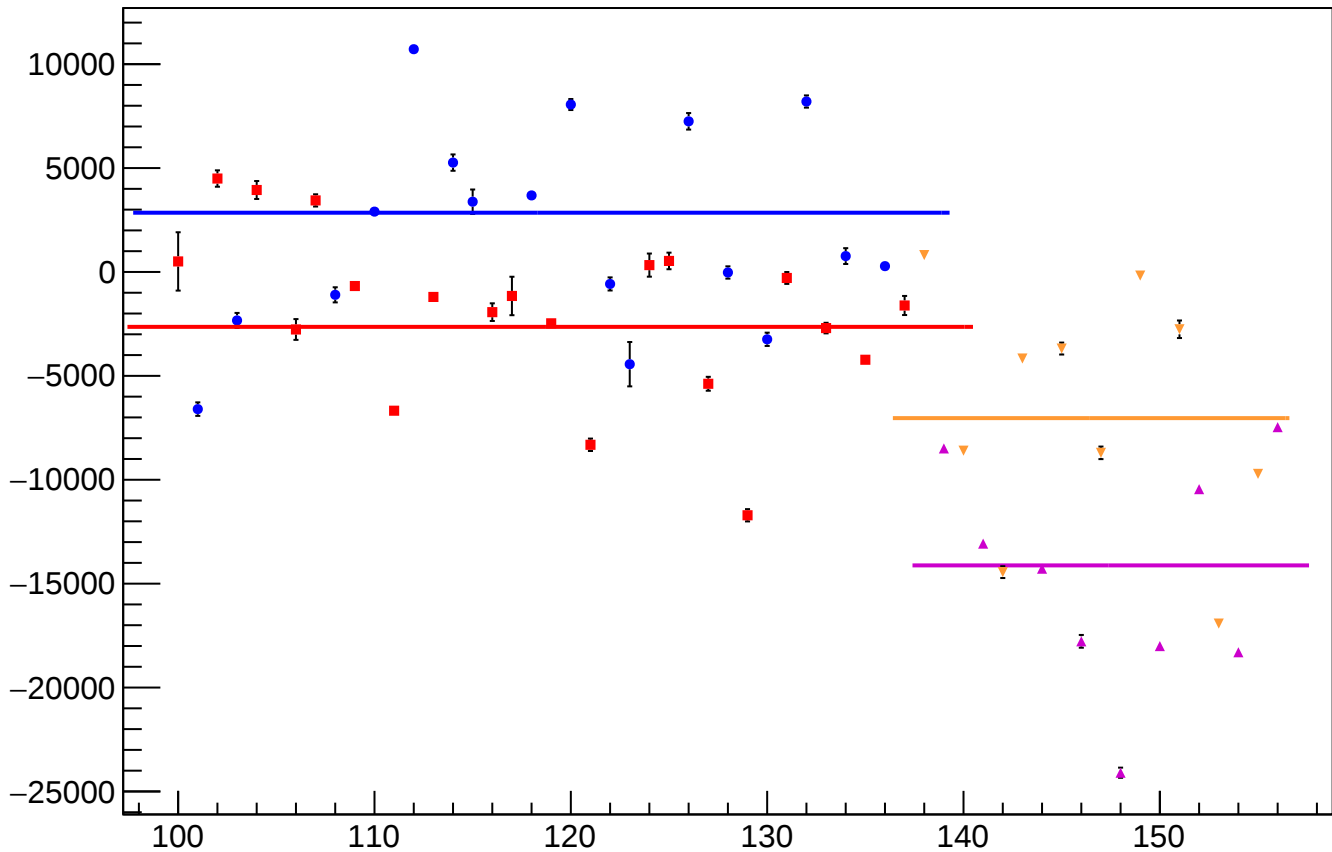
Left In: 176.599+/-0.048 χ^2/NDF : 572586.4/8

151.602+/-0.030 χ^2/NDF : 1925015.0/26

150.207+/-0.021 χ^2/NDF : 3851677.2/55

148.887+/-0.029 χ^2/NDF : 1922508.6/28

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.437 ± 70.753 $\chi^2/\text{NDF}: 4178.1/16$

Left Out: -7033.880 ± 76.726 $\chi^2/\text{NDF}: 6286.1/9$

Right Out: -2641.642 ± 65.566 $\chi^2/\text{NDF}: 3178.3/19$

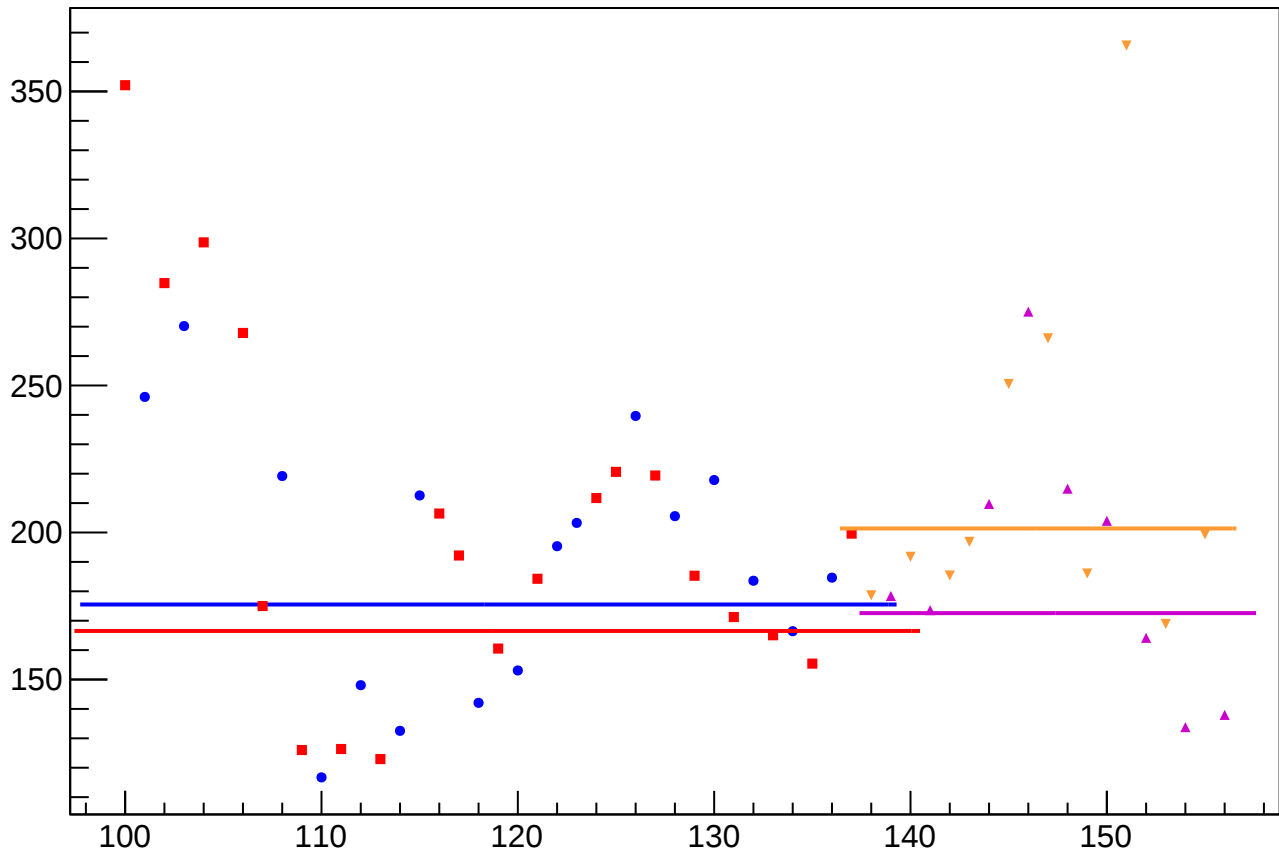
Left In: -14121.080 ± 67.279 $\chi^2/\text{NDF}: 5628.1/8$

-1691.532 ± 52.014 $\chi^2/\text{NDF}: 19435.1/26$

-5295.902 ± 34.854 $\chi^2/\text{NDF}: 51888.9/55$

-8233.361 ± 46.956 $\chi^2/\text{NDF}: 23738.3/28$

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.514 $\pm$ 0.050 χ^2 /NDF: 689642.3/16

Left Out: 201.372 $\pm$ 0.054 χ^2 /NDF: 552342.0/9

Right Out: 166.522 $\pm$ 0.046 χ^2 /NDF: 931079.9/19

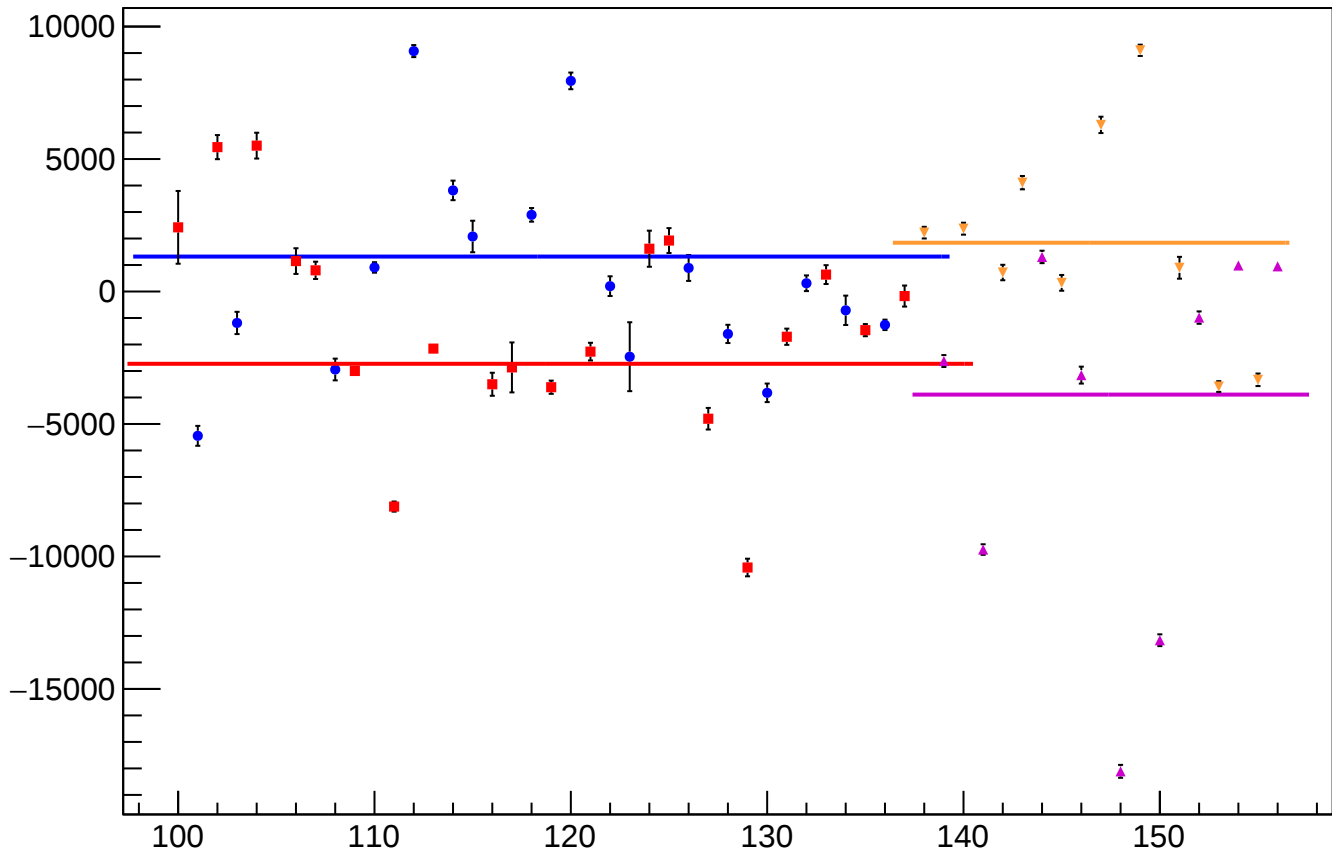
Left In: 172.584 $\pm$ 0.048 χ^2 /NDF: 614224.9/8

187.398 $\pm$ 0.037 χ^2 /NDF: 1364751.5/26

177.523 $\pm$ 0.025 χ^2 /NDF: 3049223.2/55

169.475 $\pm$ 0.033 χ^2 /NDF: 1553631.3/28

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1319.009+/-77.146 χ^2/NDF : 2667.0/16

Left Out: 1840.779+/-79.158 χ^2/NDF : 2699.1/9

Right Out: -2728.550+/-69.837 χ^2/NDF : 2495.9/19

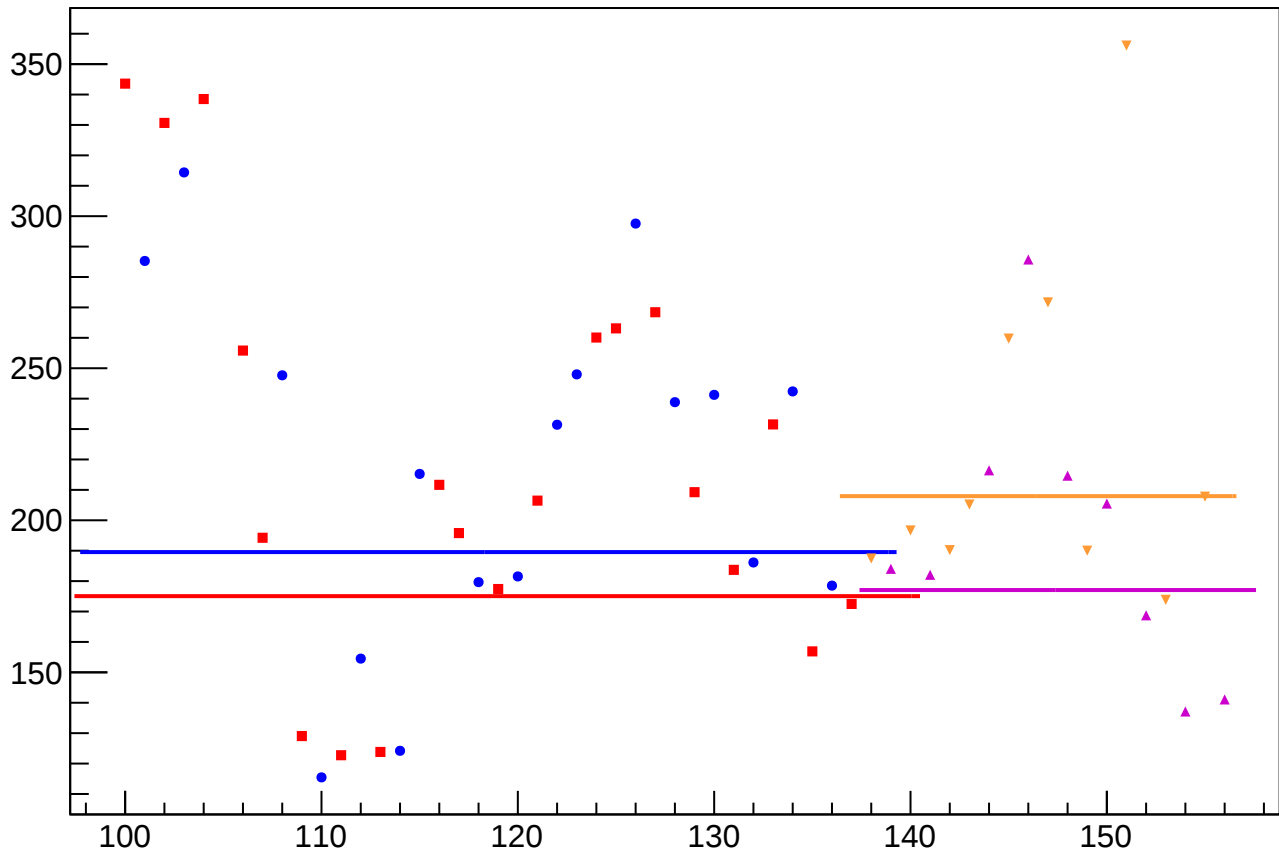
Left In: -3890.894+/-69.071 χ^2/NDF : 8606.0/8

1573.177+/-55.248 χ^2/NDF : 5388.4/26

-1158.101+/-36.705 χ^2/NDF : 21005.4/55

-3316.129+/-49.109 χ^2/NDF : 11242.0/28

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 189.544 +/- 0.055 χ^2/NDF : 980744.6/16

Left Out: 207.938 +/- 0.056 χ^2/NDF : 504746.9/9

Right Out: 175.058 +/- 0.049 χ^2/NDF : 1298079.7/19

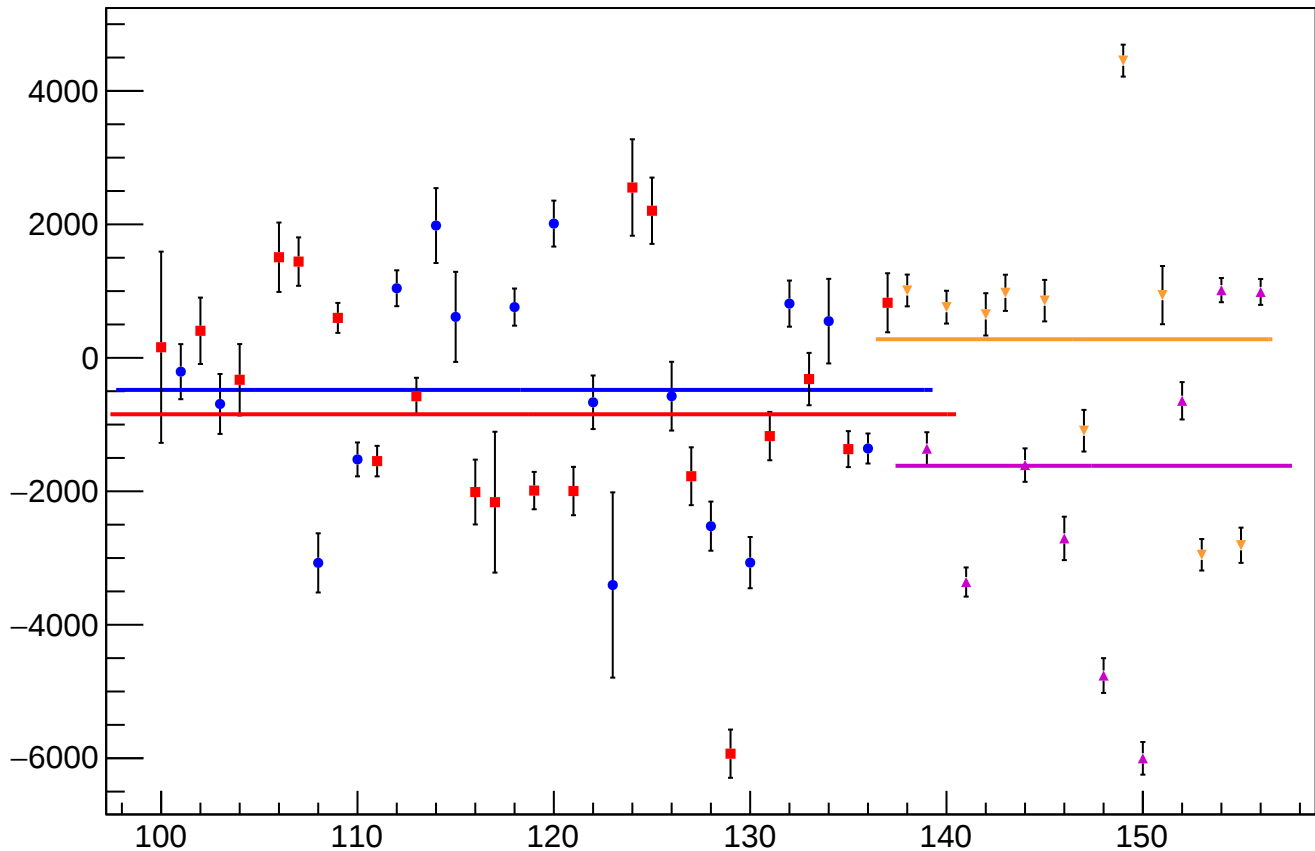
Left In: 177.060 +/- 0.049 χ^2/NDF : 610438.7/8

198.505 +/- 0.039 χ^2/NDF : 1540875.4/26

185.972 +/- 0.026 χ^2/NDF : 3634446.4/55

176.070 +/- 0.035 χ^2/NDF : 1909349.4/28

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -480.578 ± 88.640 χ^2/NDF : 290.7/16

Left Out: 278.763 ± 86.580 χ^2/NDF : 674.8/9

Right Out: -845.444 ± 81.995 χ^2/NDF : 436.9/19

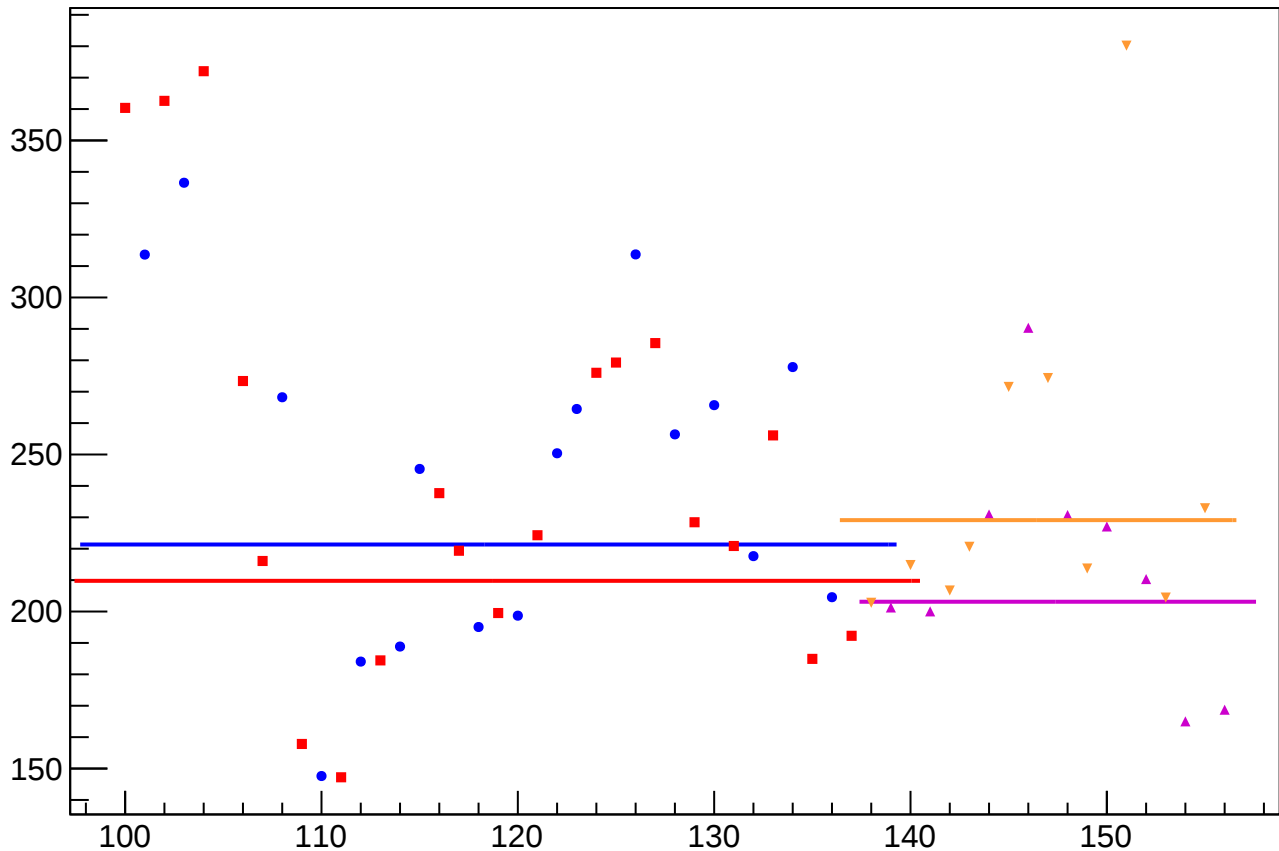
Left In: -1617.695 ± 78.086 χ^2/NDF : 944.8/8

-91.982 ± 61.937 χ^2/NDF : 1003.1/26

-723.791 ± 41.760 χ^2/NDF : 2622.1/55

-1250.412 ± 56.547 χ^2/NDF : 1428.2/28

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 221.342 +/- 0.063 χ^2/NDF : 645688.1/16

Left Out: 229.101 +/- 0.061 χ^2/NDF : 392815.3/9

Right Out: 209.775 +/- 0.058 χ^2/NDF : 884083.7/19

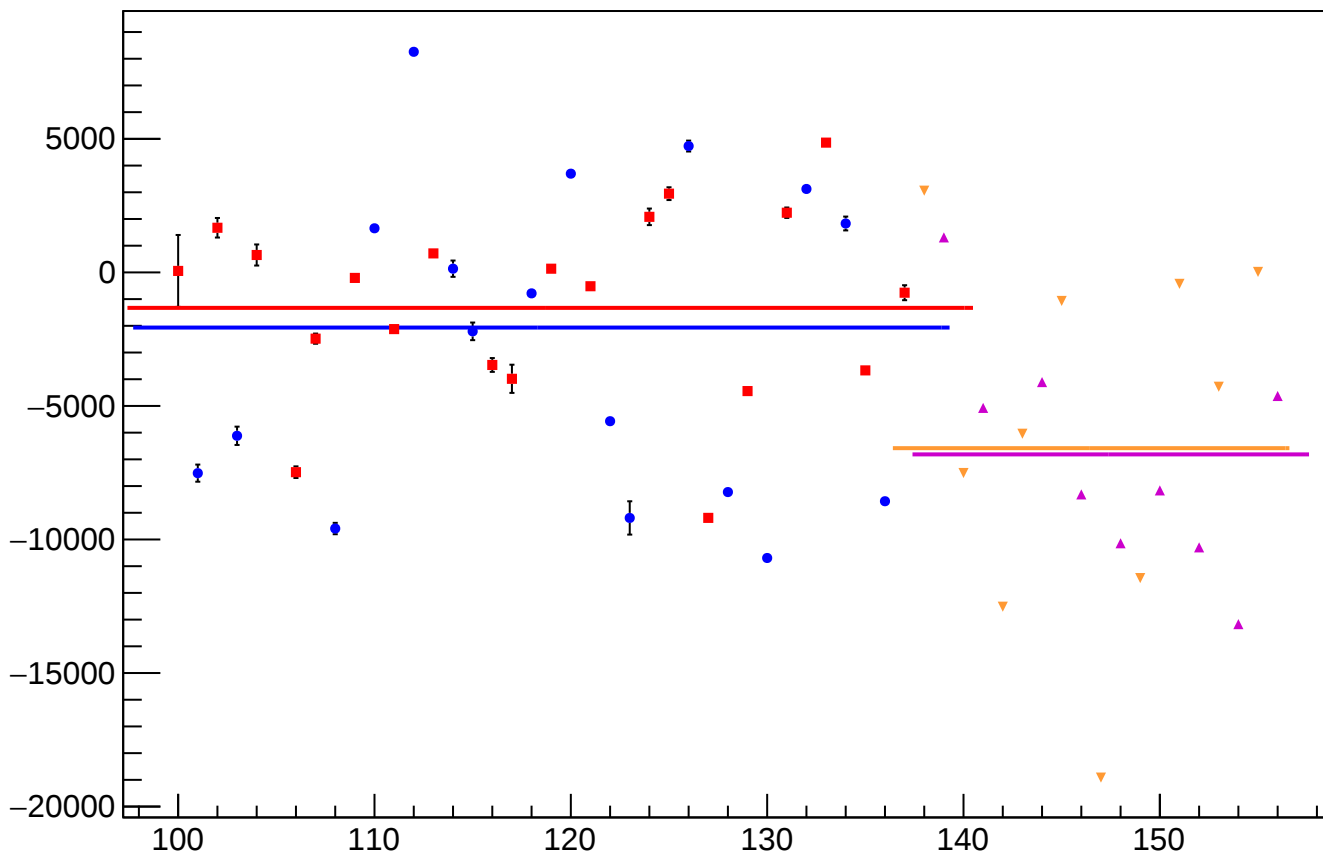
Left In: 203.117 +/- 0.055 χ^2/NDF : 362834.7/8

225.313 +/- 0.044 χ^2/NDF : 1046345.8/26

214.934 +/- 0.030 χ^2/NDF : 2403149.5/55

206.283 +/- 0.040 χ^2/NDF : 1253834.1/28

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2065.160 +/- 47.322 χ^2/NDF : 16533.3/16

Left Out: -6580.968 +/- 42.807 χ^2/NDF : 24423.2/9

Right Out: -1327.819 +/- 44.838 χ^2/NDF : 5919.9/19

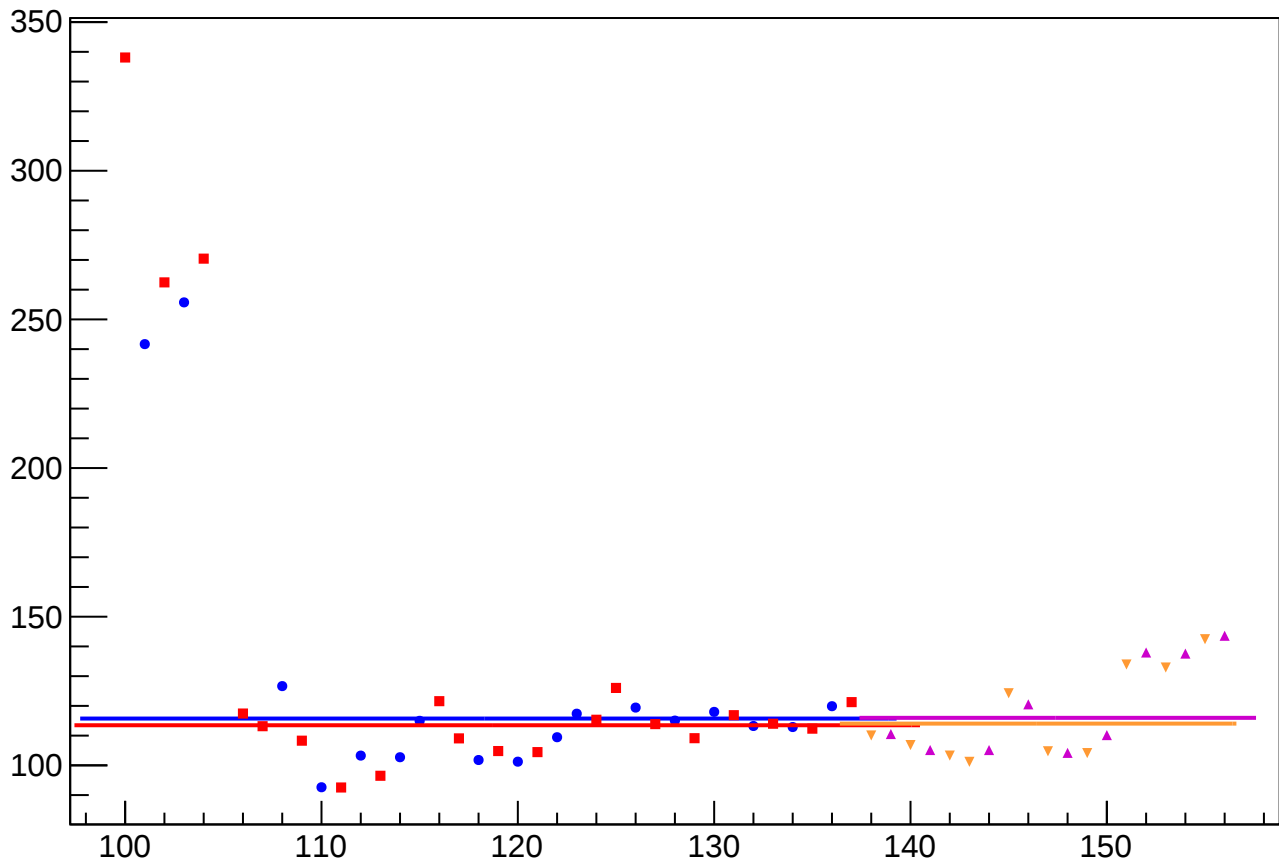
Left In: -6814.091 +/- 43.595 χ^2/NDF : 7831.2/8

-4548.743 +/- 31.745 χ^2/NDF : 45964.8/26

-4345.289 +/- 22.273 χ^2/NDF : 67492.7/55

-4148.051 +/- 31.257 χ^2/NDF : 21447.1/28

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 115.741 ± 0.033 χ^2/NDF : 744017.7/16

Left Out: 114.038 ± 0.030 χ^2/NDF : 204615.6/9

Right Out: 113.487 ± 0.032 χ^2/NDF : 796781.7/19

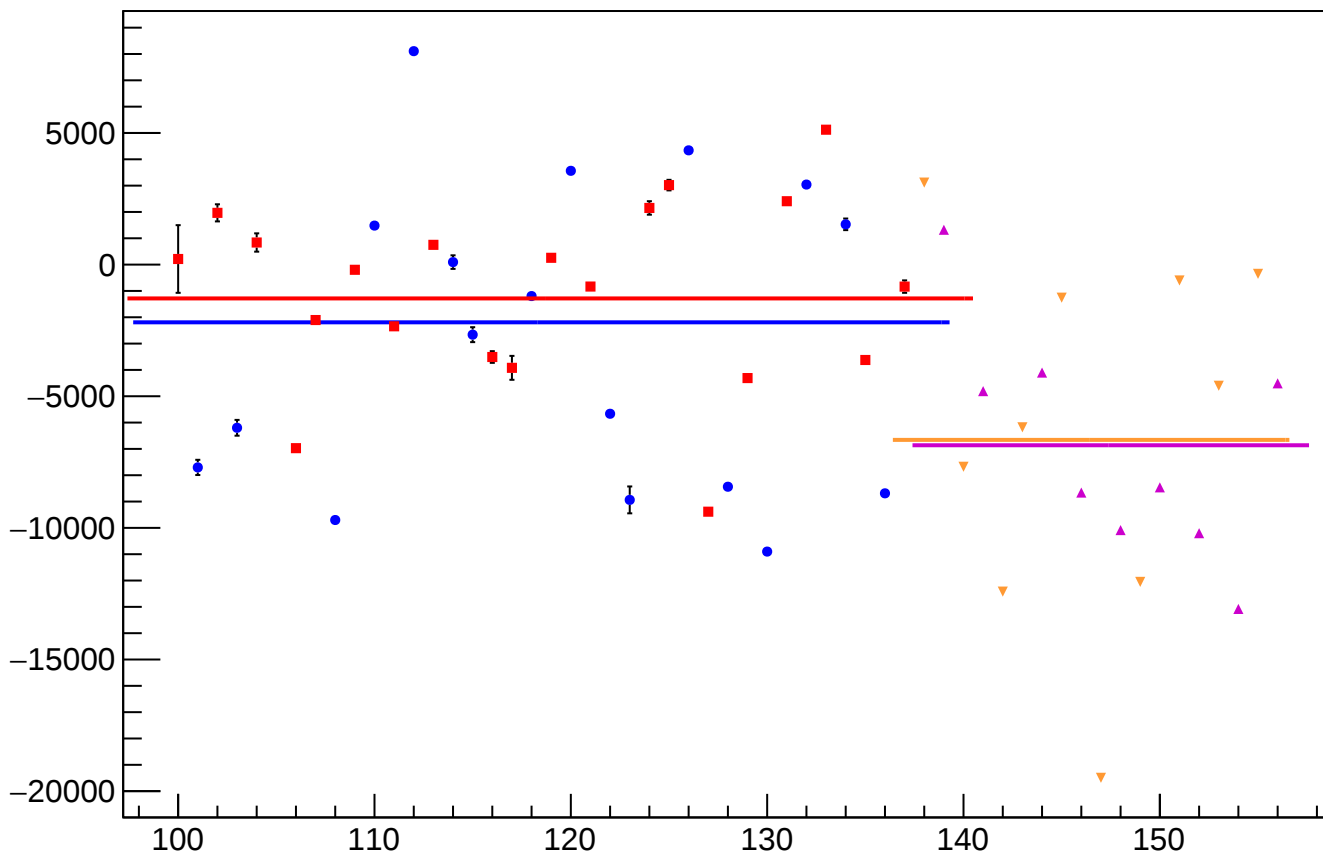
Left In: 115.980 ± 0.031 χ^2/NDF : 205640.4/8

114.804 ± 0.022 χ^2/NDF : 950057.3/26

114.786 ± 0.016 χ^2/NDF : 1955658.8/55

114.768 ± 0.022 χ^2/NDF : 1005600.2/28

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2192.327+/-39.944 χ^2 /NDF: 22813.5/16

Left Out: -6657.724+/-39.015 χ^2 /NDF:29499.0/9

Right Out: -1284.692+/-37.915 χ^2 /NDF: 8584.4/19

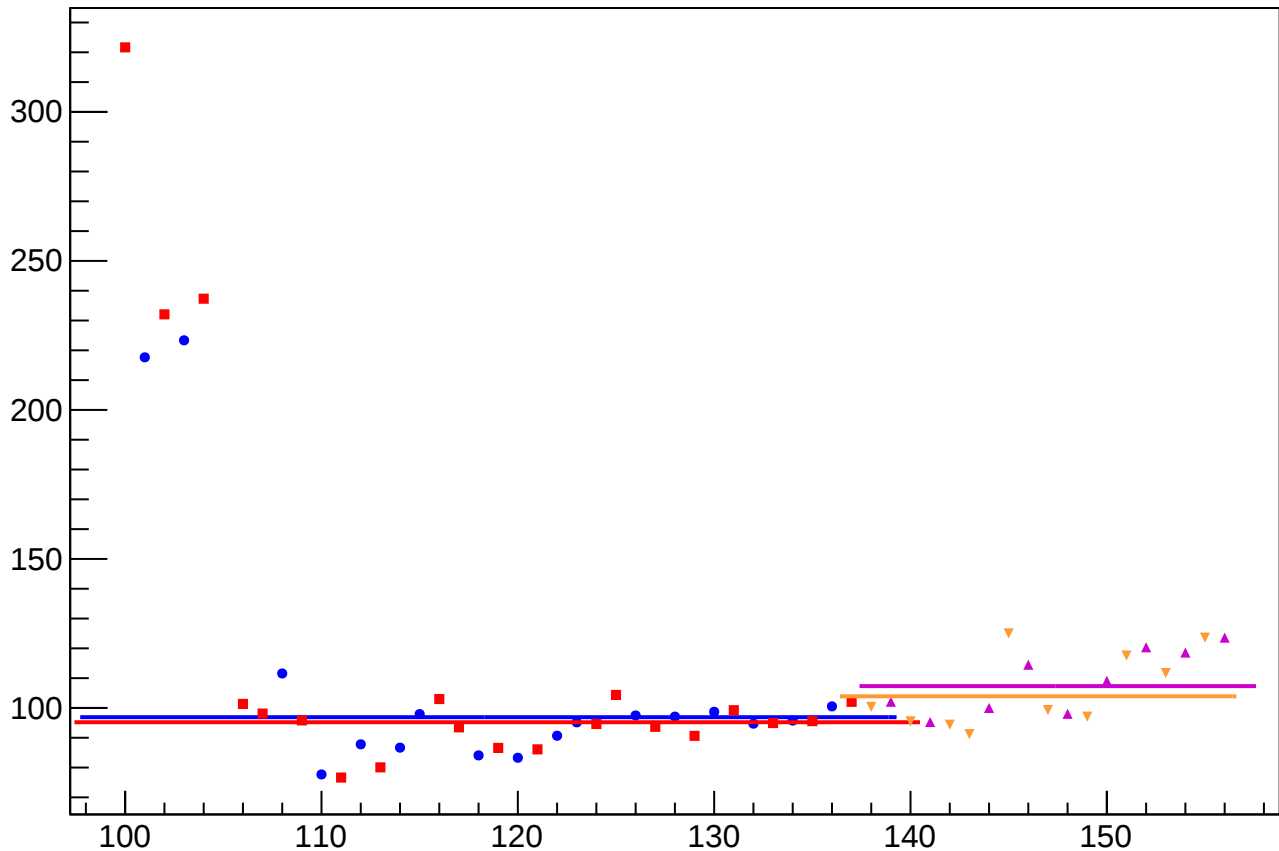
Left In: -6861.736+/-40.270 χ^2 /NDF:9611.8/8

-4477.542+/-27.910 χ^2 /NDF: 58708.2/26

-4188.325+/-19.627 χ^2 /NDF: 87283.9/55

-3905.401+/-27.605 χ^2 /NDF: 28363.2/28

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 96.894 $\pm$ 0.028 χ^2/NDF : 817229.9/16

Left Out: 103.912 $\pm$ 0.028 χ^2/NDF : 169391.9/9

Right Out: 95.201 $\pm$ 0.027 χ^2/NDF : 859838.2/19

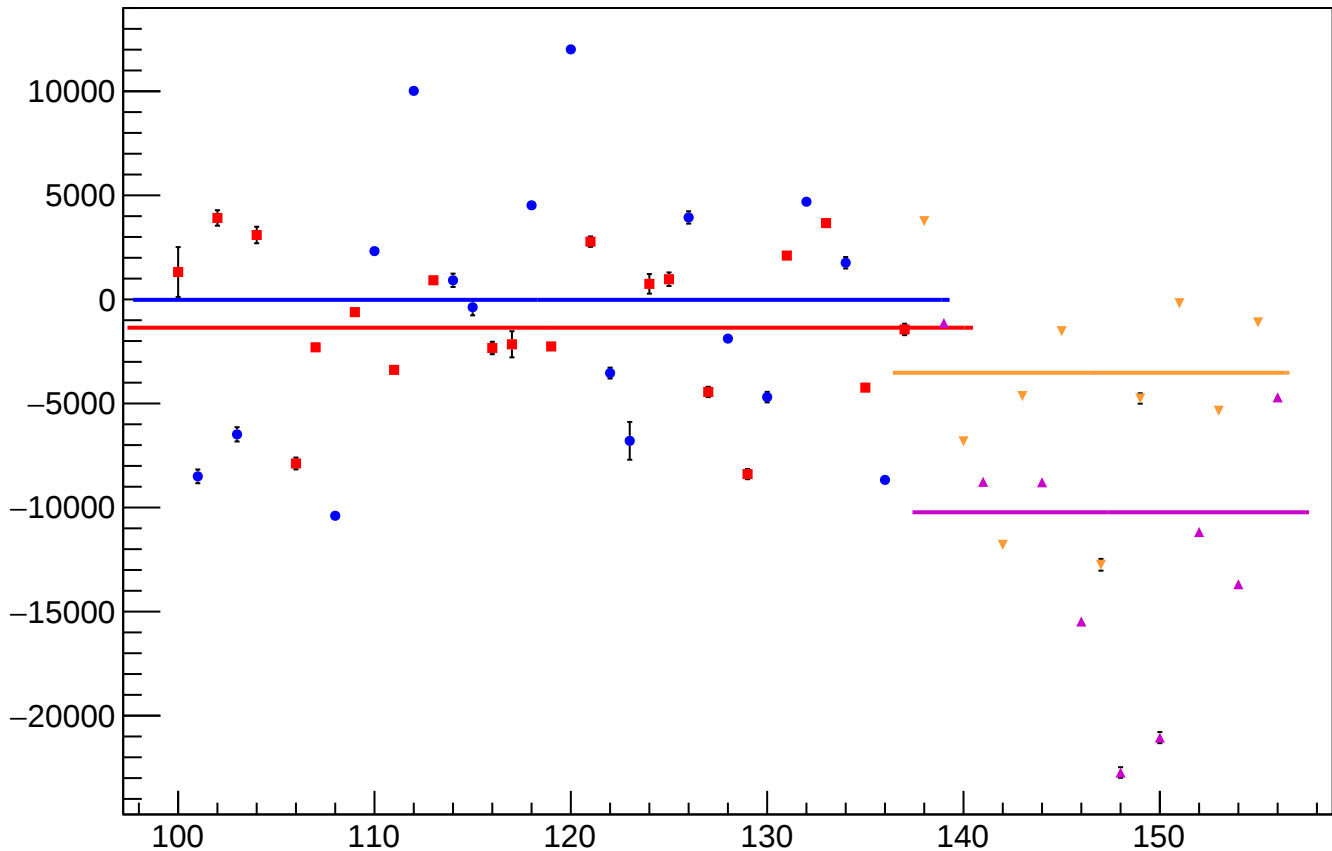
Left In: 107.331 $\pm$ 0.028 χ^2/NDF : 120424.7/8

100.485 $\pm$ 0.020 χ^2/NDF : 1018216.7/26

100.696 $\pm$ 0.014 χ^2/NDF : 2094883.6/55

100.901 $\pm$ 0.020 χ^2/NDF : 1076442.5/28

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -19.990 ± 54.643 $\chi^2/\text{NDF}: 16361.0/16$

Left Out: -3523.566 ± 59.608 $\chi^2/\text{NDF}: 5632.0/9$

Right Out: -1359.001 ± 52.186 $\chi^2/\text{NDF}: 3838.8/19$

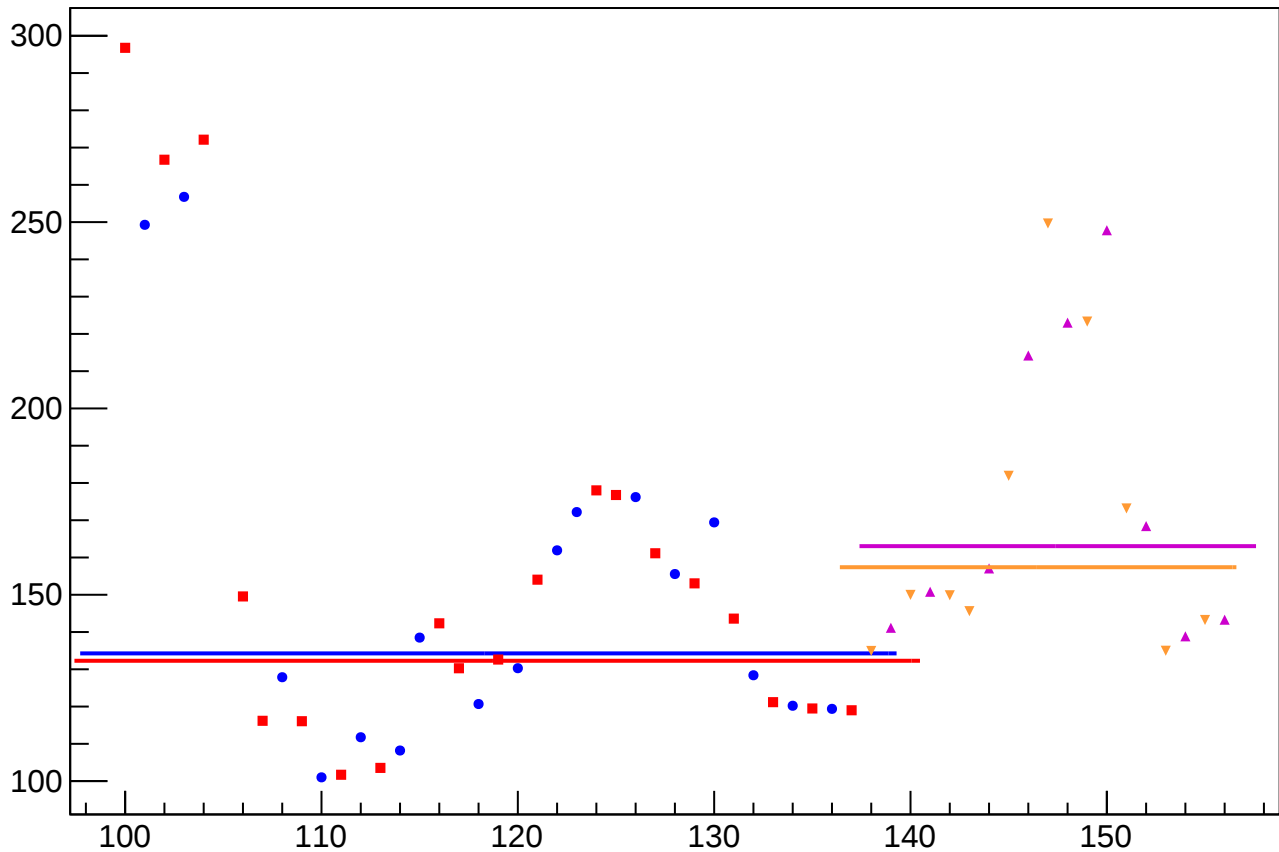
Left In: -10227.725 ± 62.145 $\chi^2/\text{NDF}: 9121.4/8$

-1619.813 ± 40.280 $\chi^2/\text{NDF}: 23870.2/26$

-3336.615 ± 28.370 $\chi^2/\text{NDF}: 52378.9/55$

-5026.610 ± 39.964 $\chi^2/\text{NDF}: 24903.9/28$

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 134.268 +/- 0.039 χ^2/NDF : 788647.0/16

Left Out: 157.392 +/- 0.042 χ^2/NDF : 505349.3/9

Right Out: 132.288 +/- 0.037 χ^2/NDF : 869913.4/19

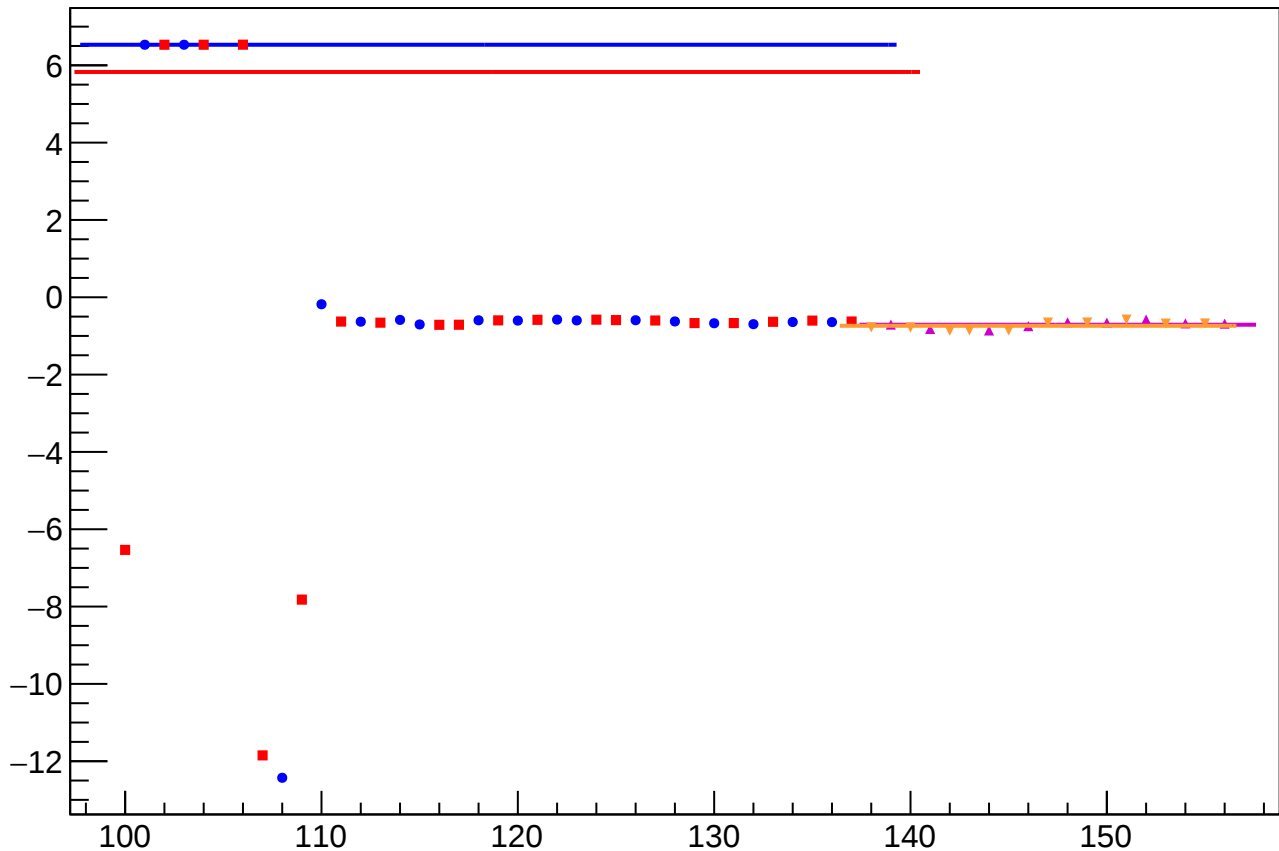
Left In: 163.046 +/- 0.044 χ^2/NDF : 532033.8/8

144.827 +/- 0.028 χ^2/NDF : 1457541.5/26

144.918 +/- 0.020 χ^2/NDF : 3146831.1/55

145.008 +/- 0.028 χ^2/NDF : 1689269.1/28

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532 ± 0.000 χ^2/NDF : 127906780672.7/16

Left Out: -0.737 ± 0.000 χ^2/NDF : 69227546.5/9

Right Out: 5.827 ± 0.000 χ^2/NDF : 755949520765363.8/19

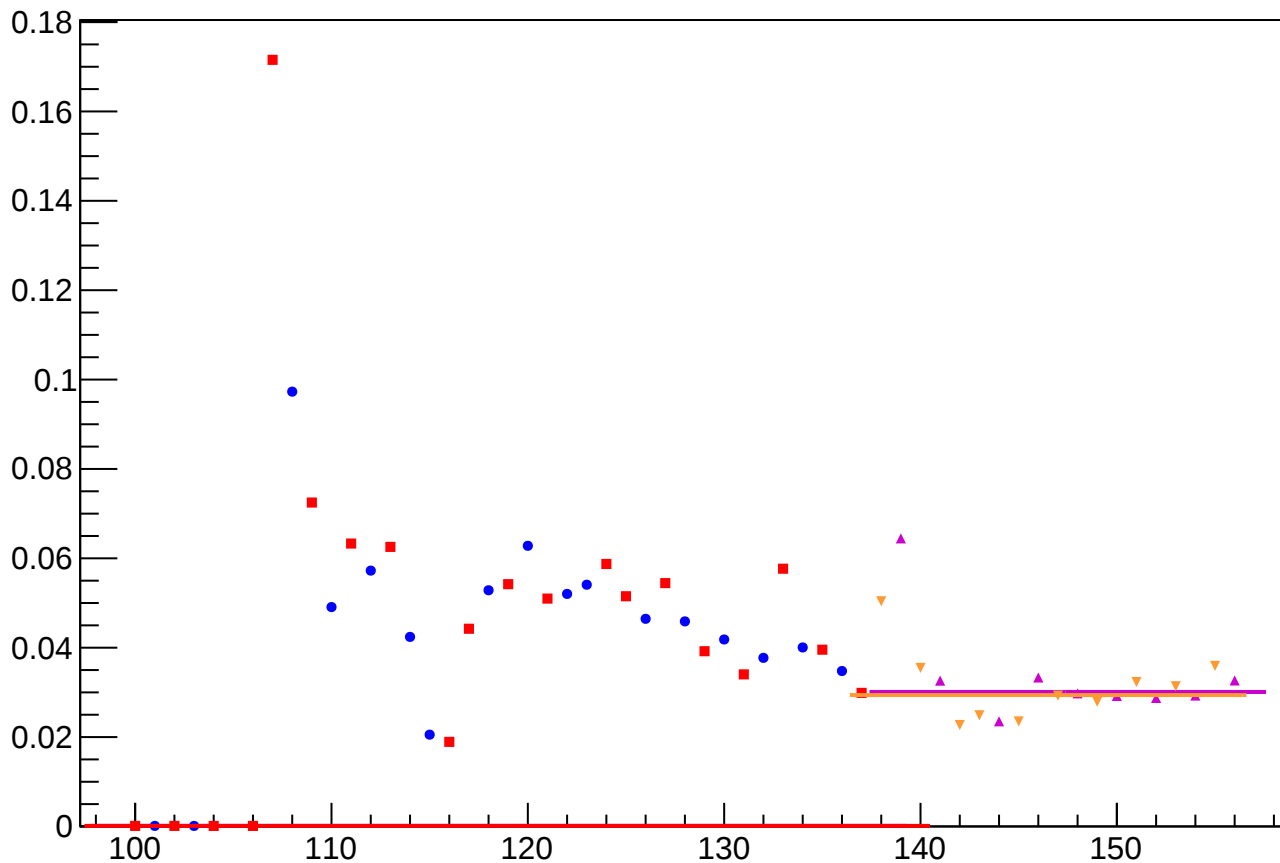
Left In: -0.710 ± 0.000 χ^2/NDF : 54070232.5/8

6.531 ± 0.000 χ^2/NDF : 471739235997.2/26

6.154 ± 0.000 χ^2/NDF : 77668563830115

5.827 ± 0.000 χ^2/NDF : 756217735113515.9/28

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9028405.7/16

Left Out: 0.029+/-0.000 χ^2/NDF : 459272.2/9

Right Out: 0.000+/-0.000 χ^2/NDF : 9453181.1/19

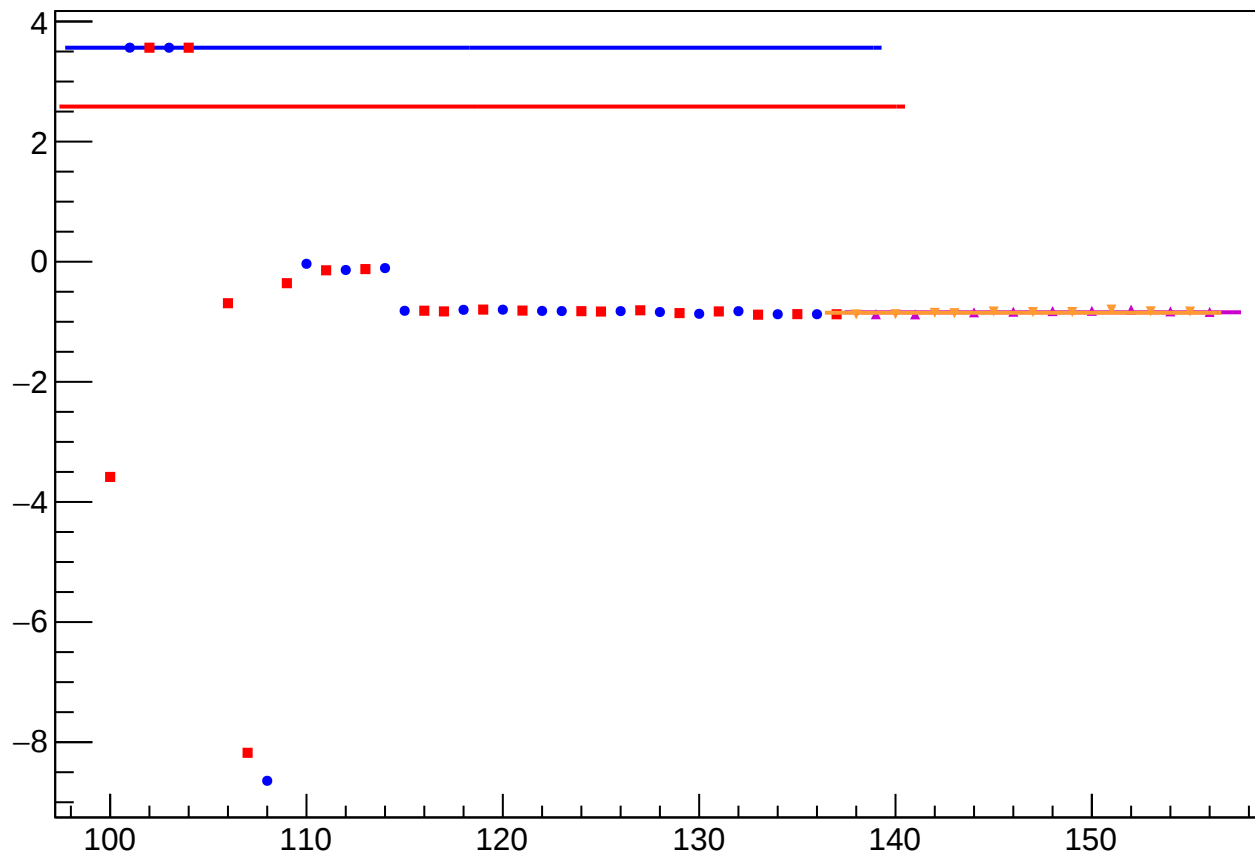
Left In: 0.030+/-0.000 χ^2/NDF : 503324.8/8

0.000+/-0.000 χ^2/NDF : 20639803.6/26

0.000+/-0.000 χ^2/NDF : 41869321.4/55

0.000+/-0.000 χ^2/NDF : 21229160.1/28

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.563+/-0.000 χ^2/NDF : 486958795673.0/16

Left Out: -0.849+/-0.000 χ^2/NDF : 34929776.0/9

Right Out: 2.583+/-0.000 χ^2/NDF : 1253506756008351.0/19

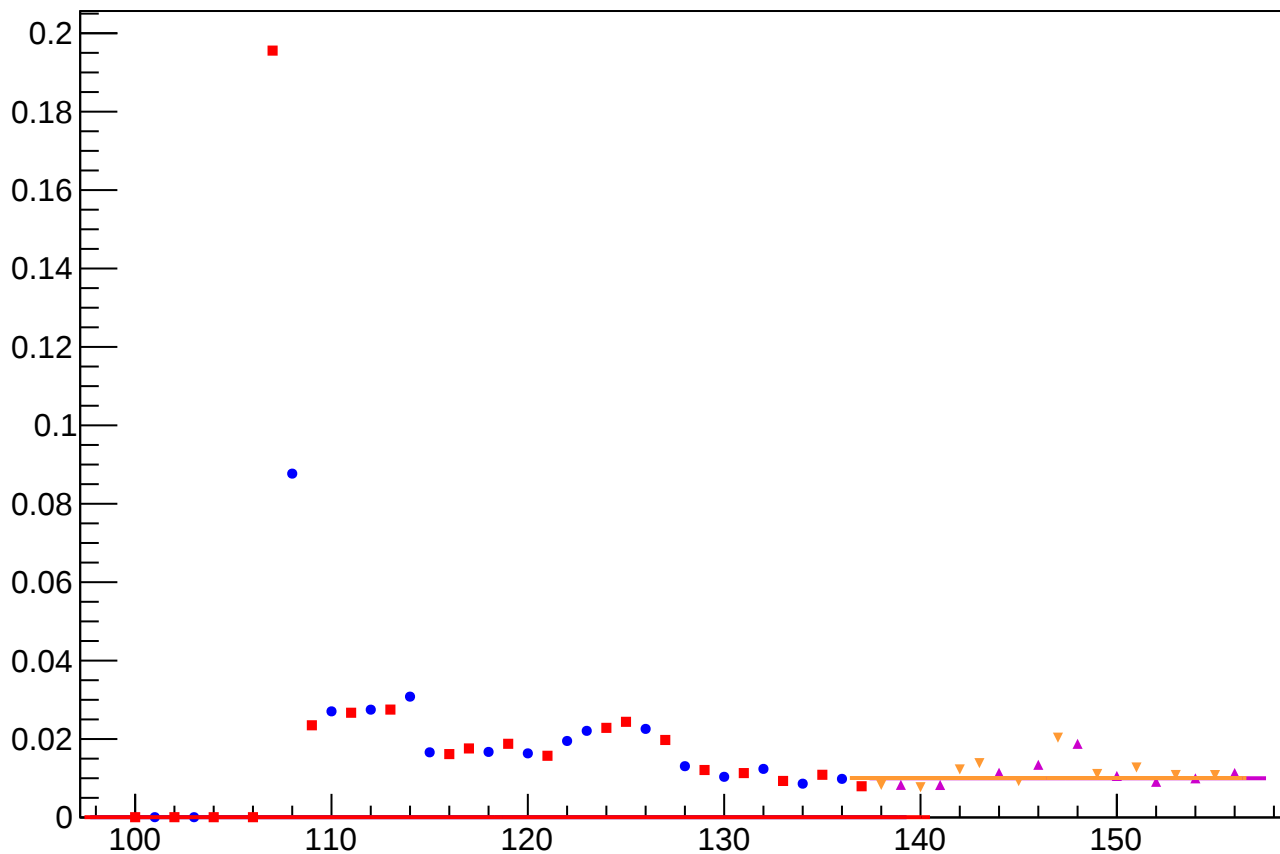
Left In: -0.842+/-0.000 χ^2/NDF : 46714993.6/8

3.562+/-0.000 χ^2/NDF : 1546430701783.5/26

3.040+/-0.000 χ^2/NDF : 13839326537919

2.583+/-0.000 χ^2/NDF : 1254164036208022.2/26

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 $\chi^2/\text{NDF}: 722006.8/9$

Right Out: 0.000+/-0.000 χ^2/NDF : 9955781.5/19

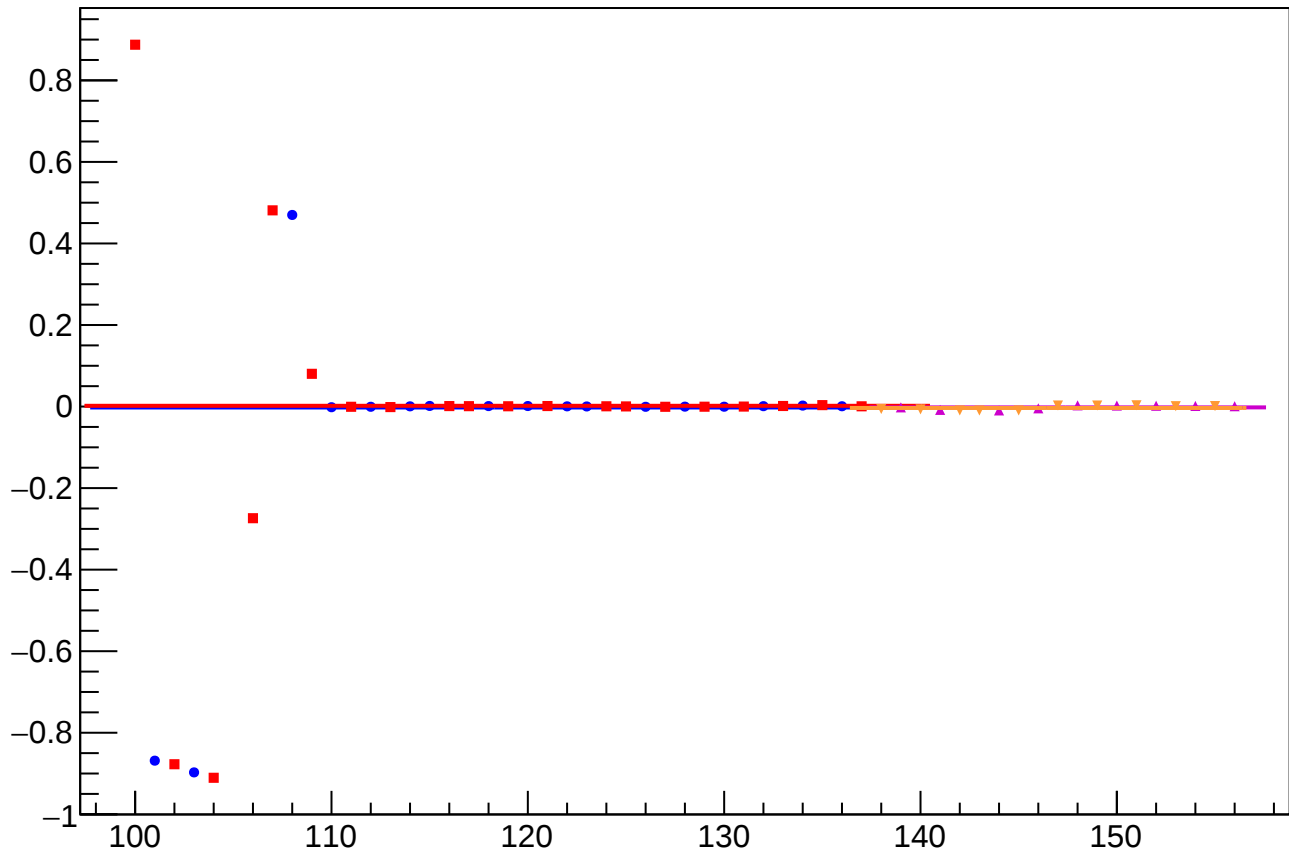
Left In: 0.010+/-0.000 χ^2/NDF :550290.1/8

0.000+/-0.000 χ^2/NDF : 21432349.1/26

0.000+/-0.000 χ^2/NDF : 42980173.6/55

0.000+/-0.000 χ^2/NDF : 21547407.4/28

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.000 χ^2/NDF : 9795424036.3/16

Left Out: -0.003 ± 0.000 χ^2/NDF : 72220819.0/9

Right Out: 0.002 ± 0.000 χ^2/NDF : 3041335141.0/19

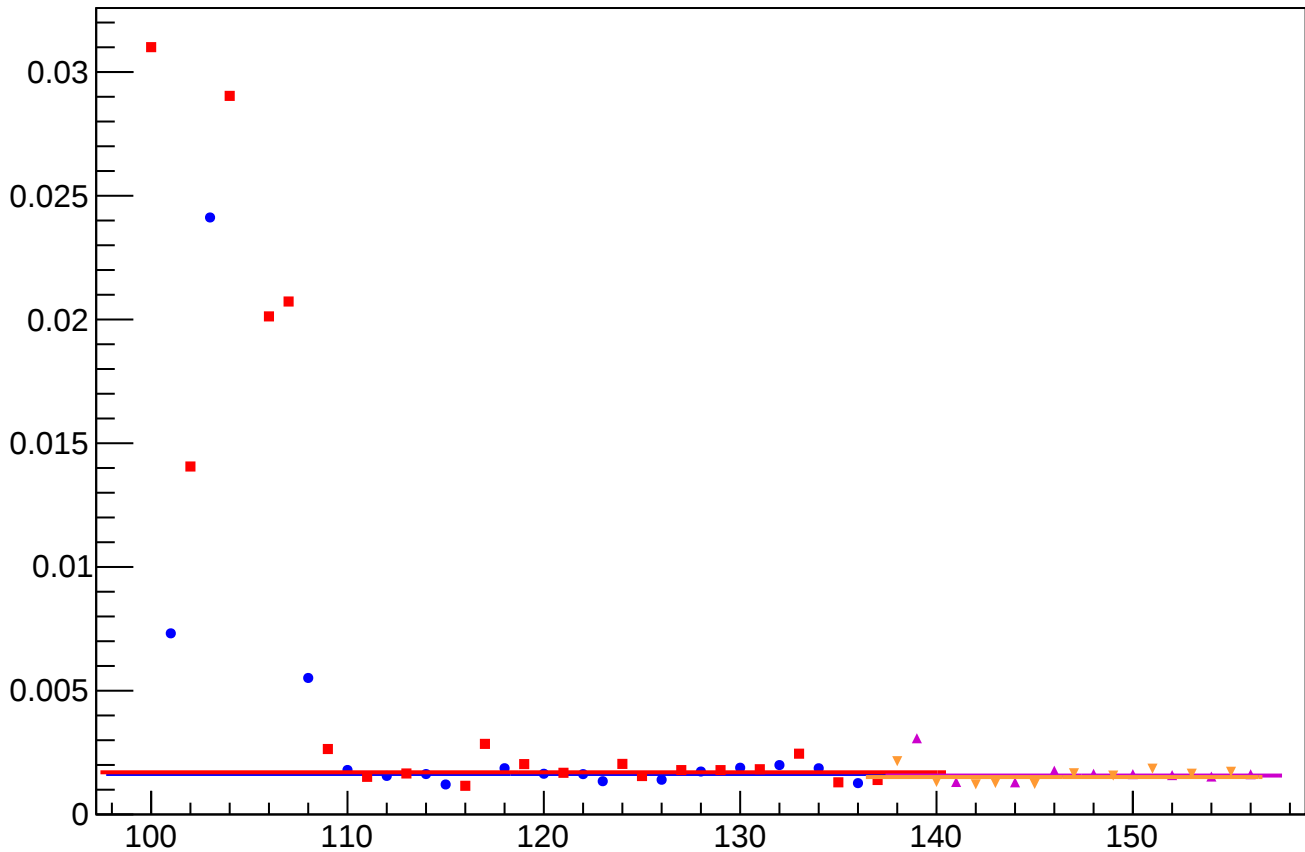
Left In: -0.002 ± 0.000 χ^2/NDF : 55433904.4/8

-0.003 ± 0.000 χ^2/NDF : 9869024189.8/26

-0.002 ± 0.000 χ^2/NDF : 12992287578.4/5

-0.000 ± 0.000 χ^2/NDF : 3110892282.6/28

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1919127.9/16

Left Out: 0.002+/-0.000 χ^2/NDF : 341072.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 3038397.4/19

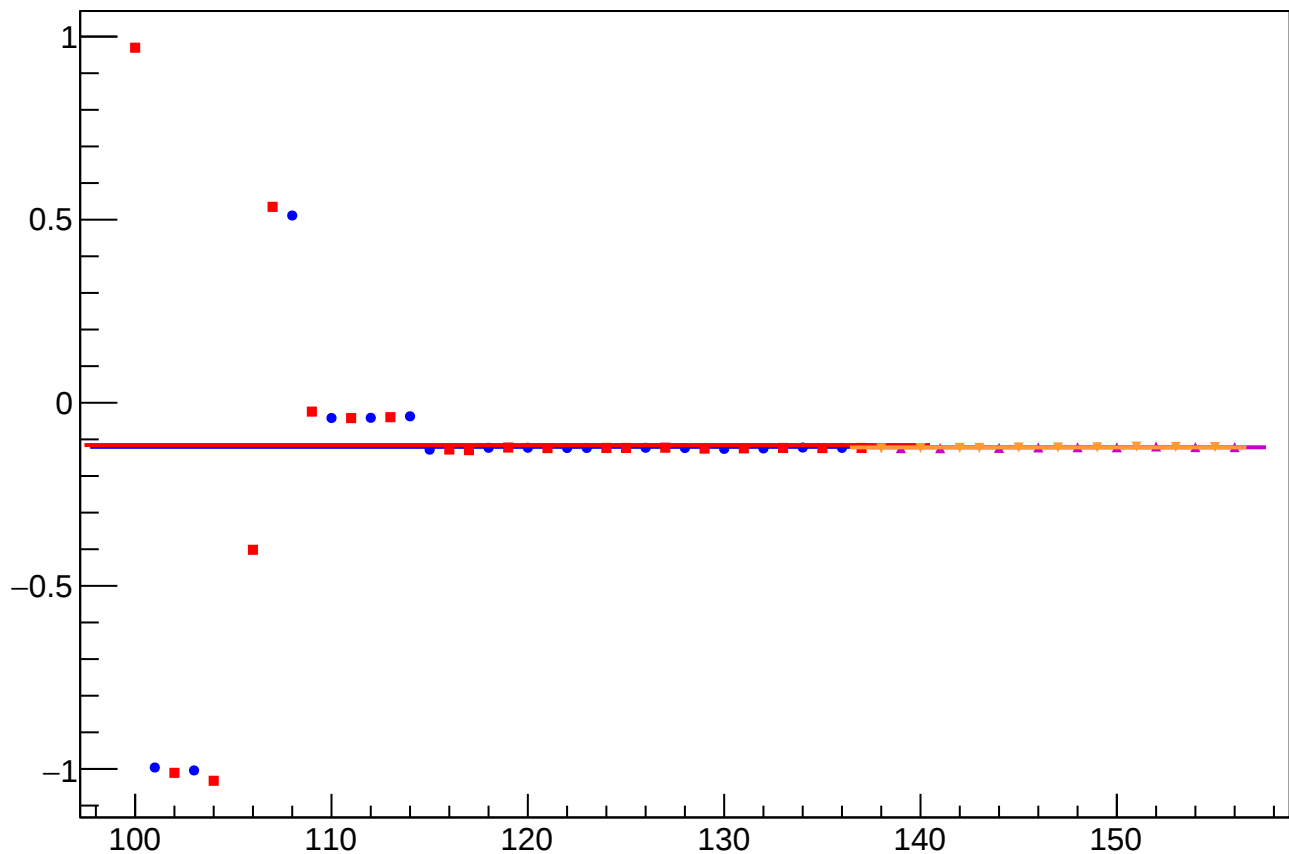
Left In: 0.002+/-0.000 χ^2/NDF : 446803.1/8

0.002+/-0.000 χ^2/NDF : 2291732.1/26

0.002+/-0.000 χ^2/NDF : 5824670.3/55

0.002+/-0.000 χ^2/NDF : 3517234.2/28

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.000 χ^2/NDF : 393231162.8/16

Left Out: -0.122+/-0.000 χ^2/NDF : 9414575.3/9

Right Out: -0.115+/-0.000 χ^2/NDF : 2458720596.9/19

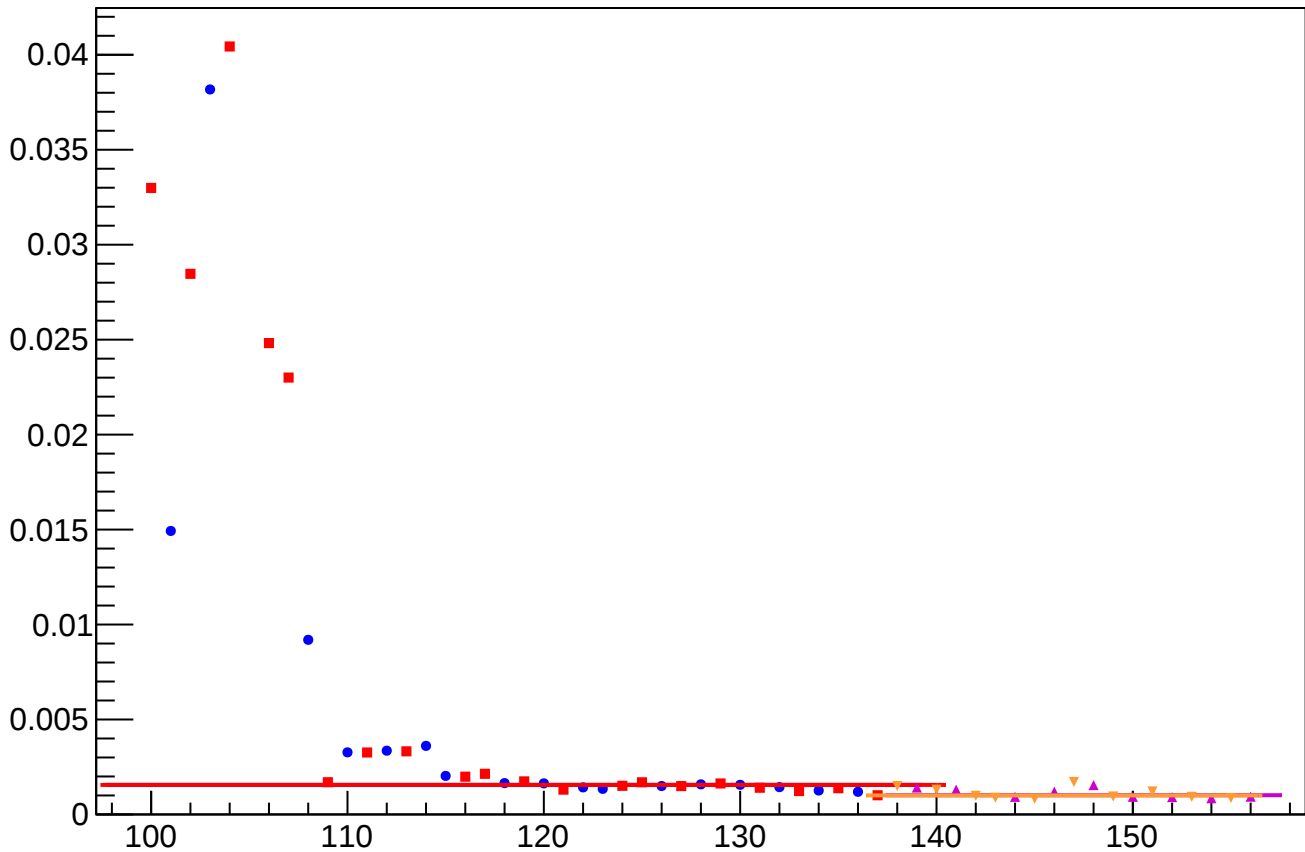
Left In: -0.122+/-0.000 χ^2/NDF : 12457913.9/8

-0.122+/-0.000 χ^2/NDF : 3945211667.4/26

-0.121+/-0.000 χ^2/NDF : 6478558240.9/5

-0.120+/-0.000 χ^2/NDF : 2525672894.6/28

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2903607.4/16

Left Out: 0.001+/-0.000 χ^2/NDF : 654469.4/9

Right Out: 0.002+/-0.000 χ^2/NDF : 3544377.2/19

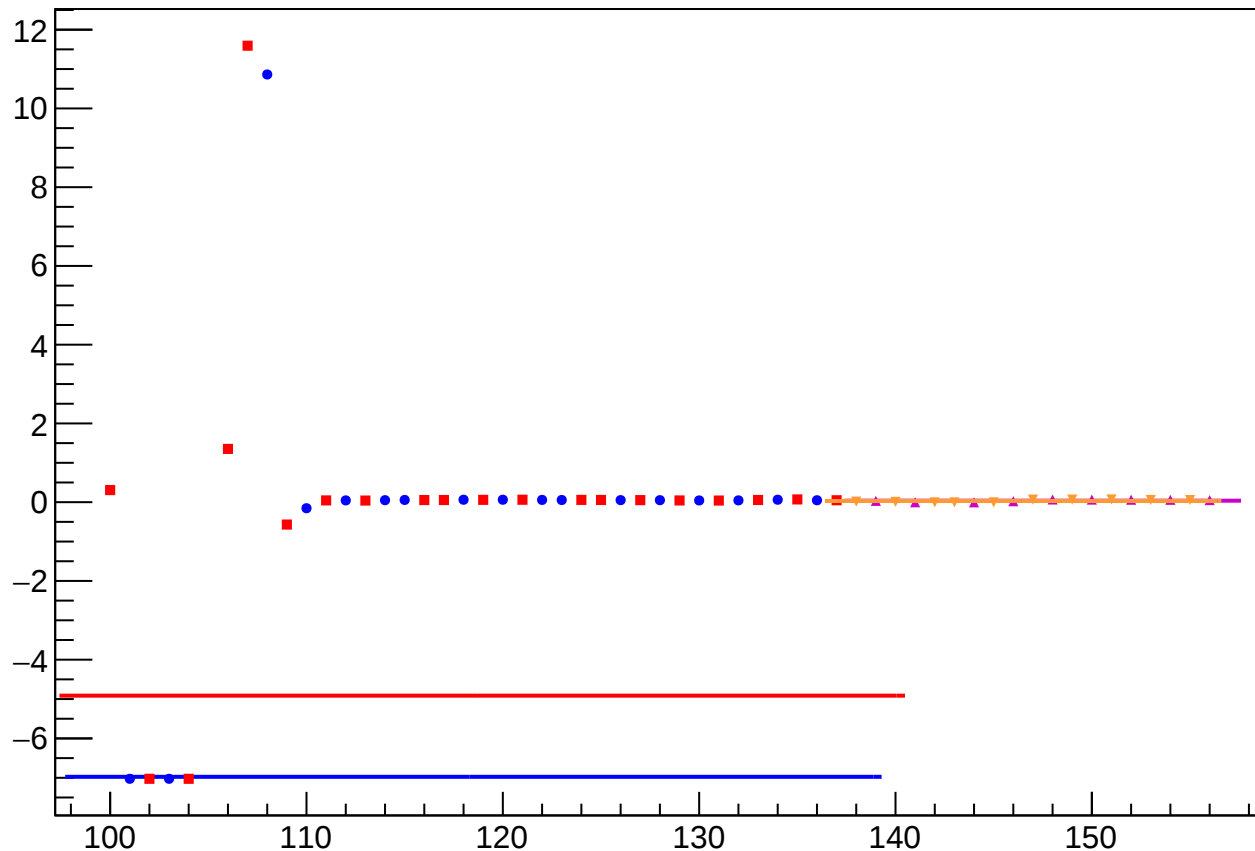
Left In: 0.001+/-0.000 χ^2/NDF : 500936.0/8

0.001+/-0.000 χ^2/NDF : 4469938.5/26

0.001+/-0.000 χ^2/NDF : 9377714.6/55

0.001+/-0.000 χ^2/NDF : 4906903.7/28

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.975+/-0.000 χ^2/NDF : 8787948713830.4/16

Left Out: 0.030+/-0.000 χ^2/NDF : 70984615.6/9

Right Out: -4.914+/-0.000 χ^2/NDF : 365366243956054.8/19

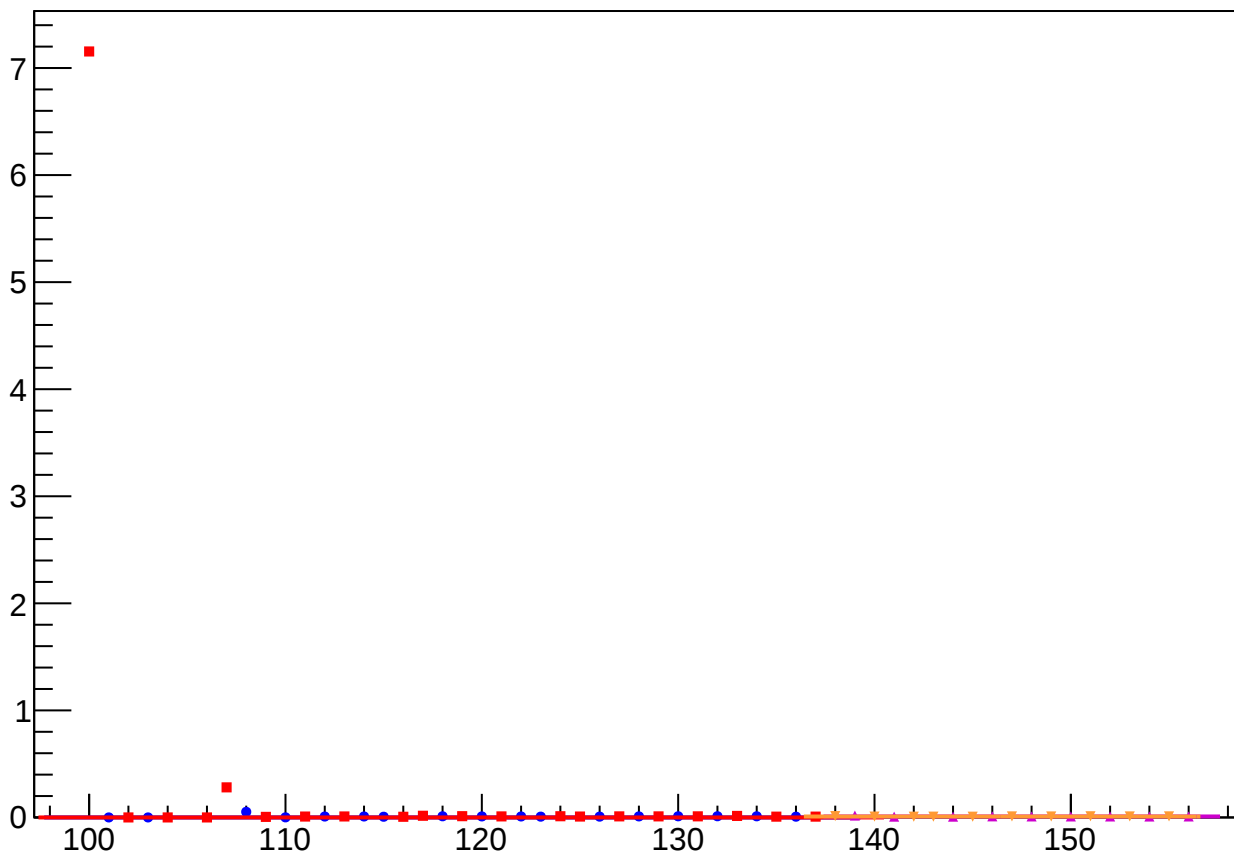
Left In: 0.038+/-0.000 χ^2/NDF : 59585610.6/8

-6.955+/-0.000 χ^2/NDF : 12249504864848.2/26

-5.884+/-0.000 χ^2/NDF : 43519660607470

-4.902+/-0.000 χ^2/NDF : 367014510474866.0/2

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8362763.6/16

Left Out: 0.009+/-0.000 χ^2/NDF :343699.5/9

Right Out: 0.000+/-0.000 χ^2/NDF : 8880914.4/19

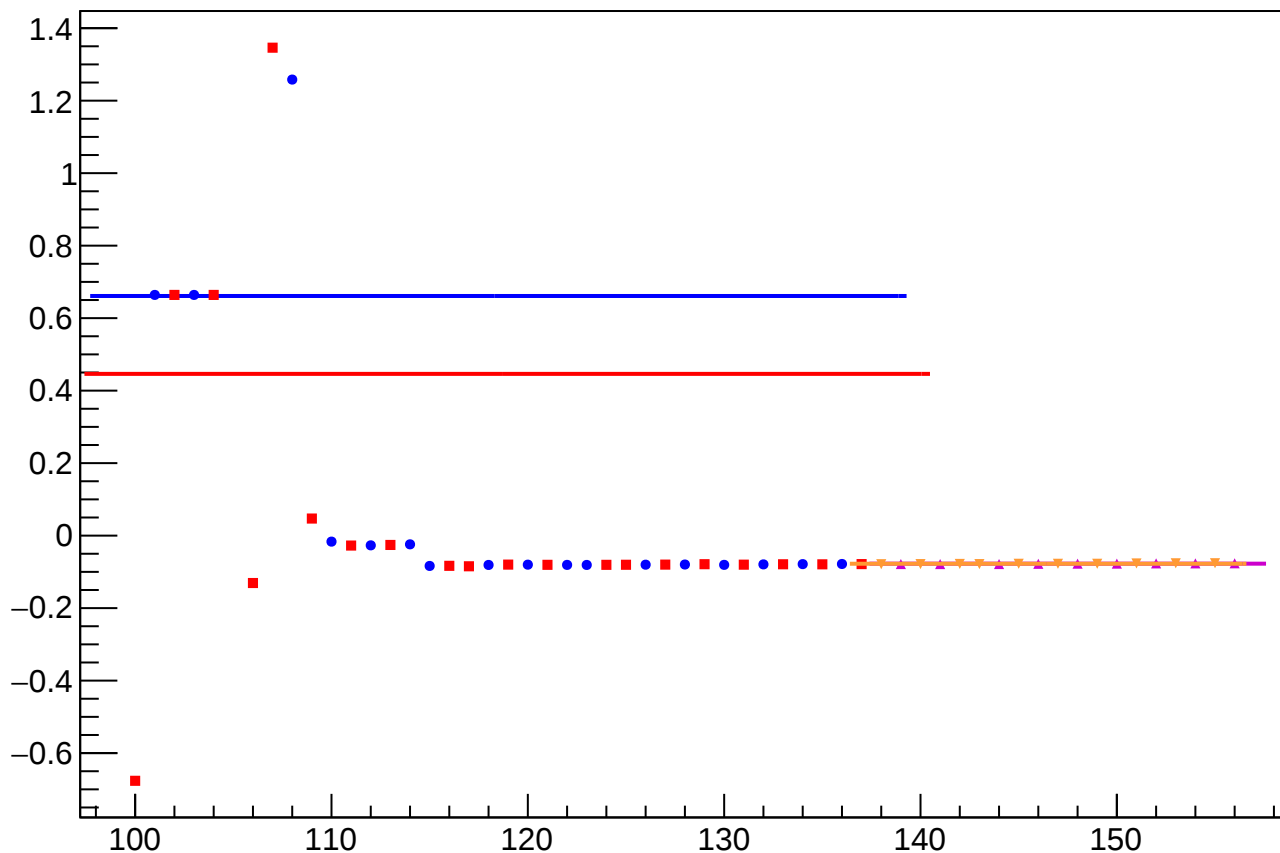
Left In: 0.009+/-0.000 χ^2/NDF :447412.8/8

0.000+/-0.000 χ^2/NDF : 19444011.0/26

0.000+/-0.000 χ^2/NDF : 39705909.2/55

0.000+/-0.000 χ^2/NDF : 20261009.0/28

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.661 $\pm$ 0.000 χ^2 /NDF: 5678332616622.1/16

Left Out: -0.078 $\pm$ 0.000 χ^2 /NDF: 18588272.2/9

Right Out: 0.446 $\pm$ 0.000 χ^2 /NDF: 405434749783850.4/19

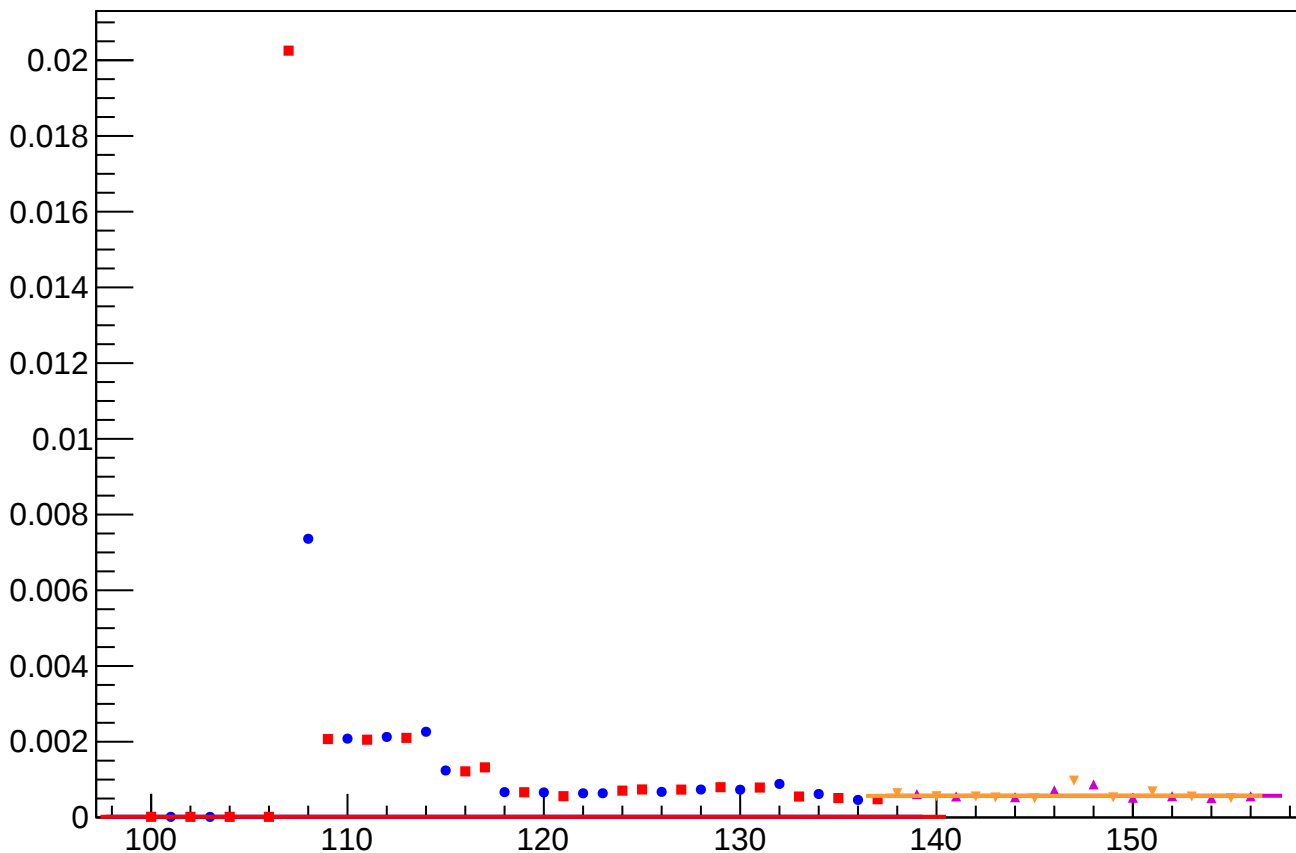
Left In: -0.077 $\pm$ 0.000 χ^2 /NDF: 14670891.9/8

0.655 $\pm$ 0.000 χ^2 /NDF: 17108515847940.2/26

0.544 $\pm$ 0.000 χ^2 /NDF: 49043471263078

0.442 $\pm$ 0.000 χ^2 /NDF: 411162342780145.7/28

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 :378616.9/9

Right Out: 0.000+/-0.000 χ^2/NDF : 9575039.3/19

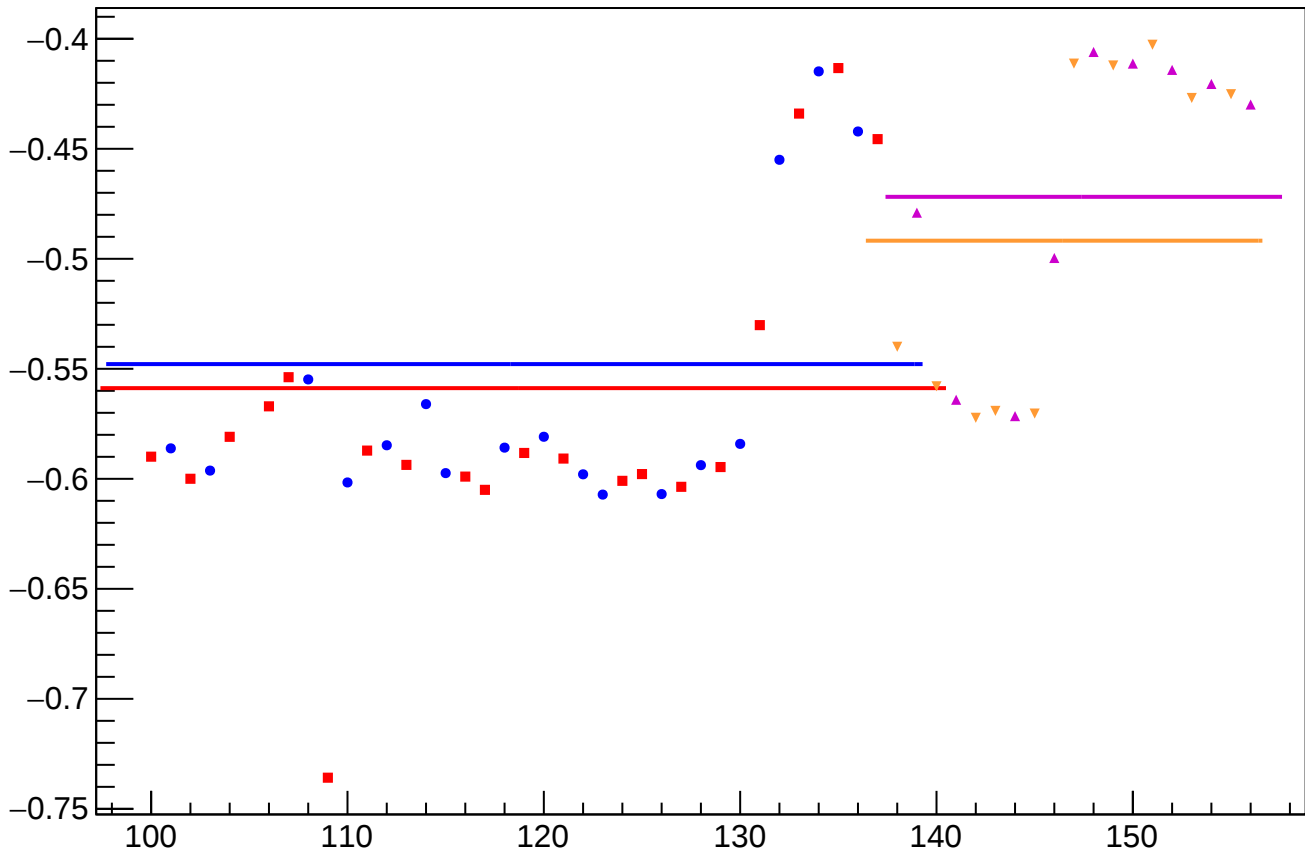
Left In: 0.001+/-0.000 χ^2/NDF :301371.6/8

0.000+/-0.000 χ^2/NDF : 23068228.3/26

0.000+/-0.000 χ^2/NDF : 45810415.6/55

0.000+/-0.000 χ^2/NDF : 22741677.9/28

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.548+/-0.000 χ^2/NDF : 48579920.8/16

Left Out: -0.492+/-0.000 χ^2/NDF : 80403821.0/9

Right Out: -0.559+/-0.000 χ^2/NDF : 65741796.4/19

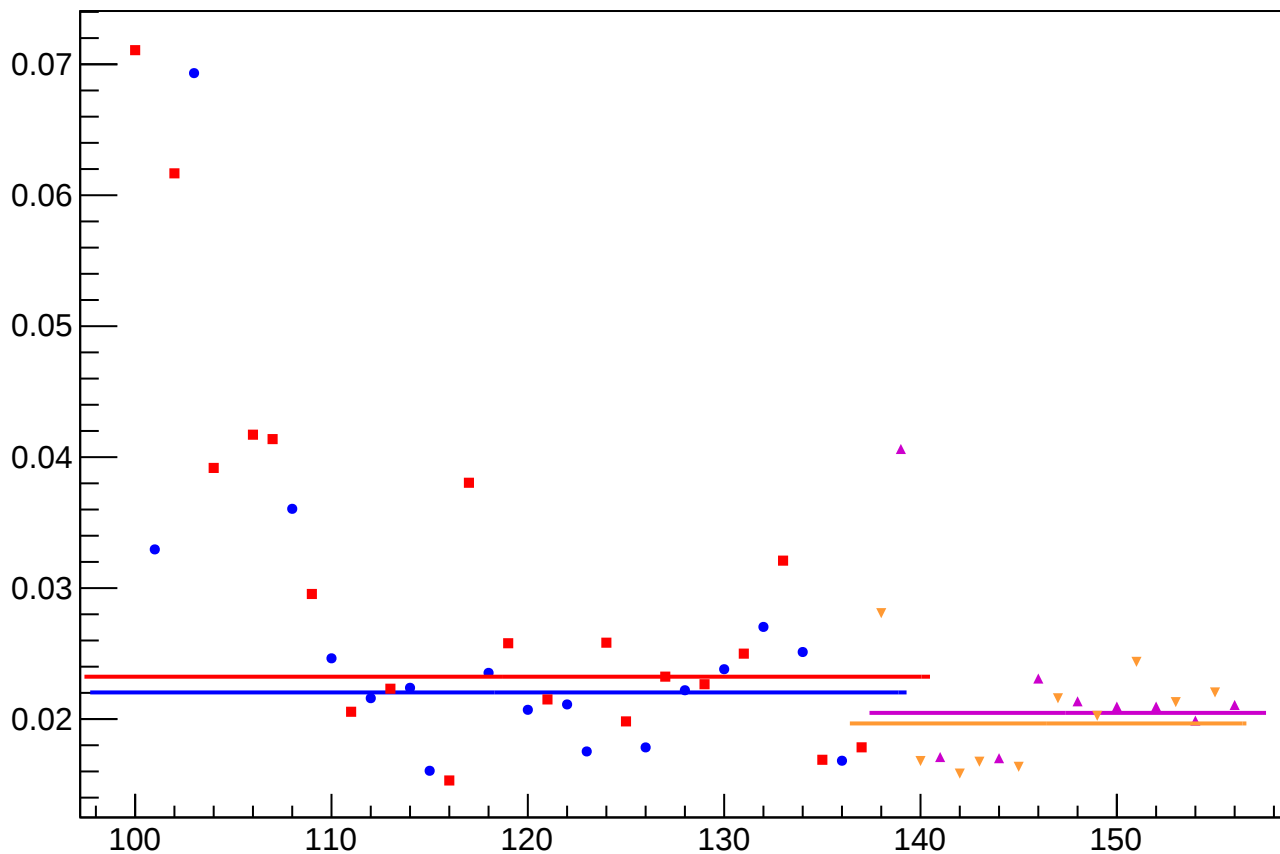
Left In: -0.472+/-0.000 χ^2/NDF : 63666617.3/8

-0.515+/-0.000 χ^2/NDF : 148125952.3/26

-0.512+/-0.000 χ^2/NDF : 321484427.5/55

-0.509+/-0.000 χ^2/NDF : 172797625.4/28

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 958966.6/16

Left Out: 0.020+/-0.000 χ^2/NDF : 328200.4/9

Right Out: 0.023+/-0.000 χ^2/NDF : 1169205.3/19

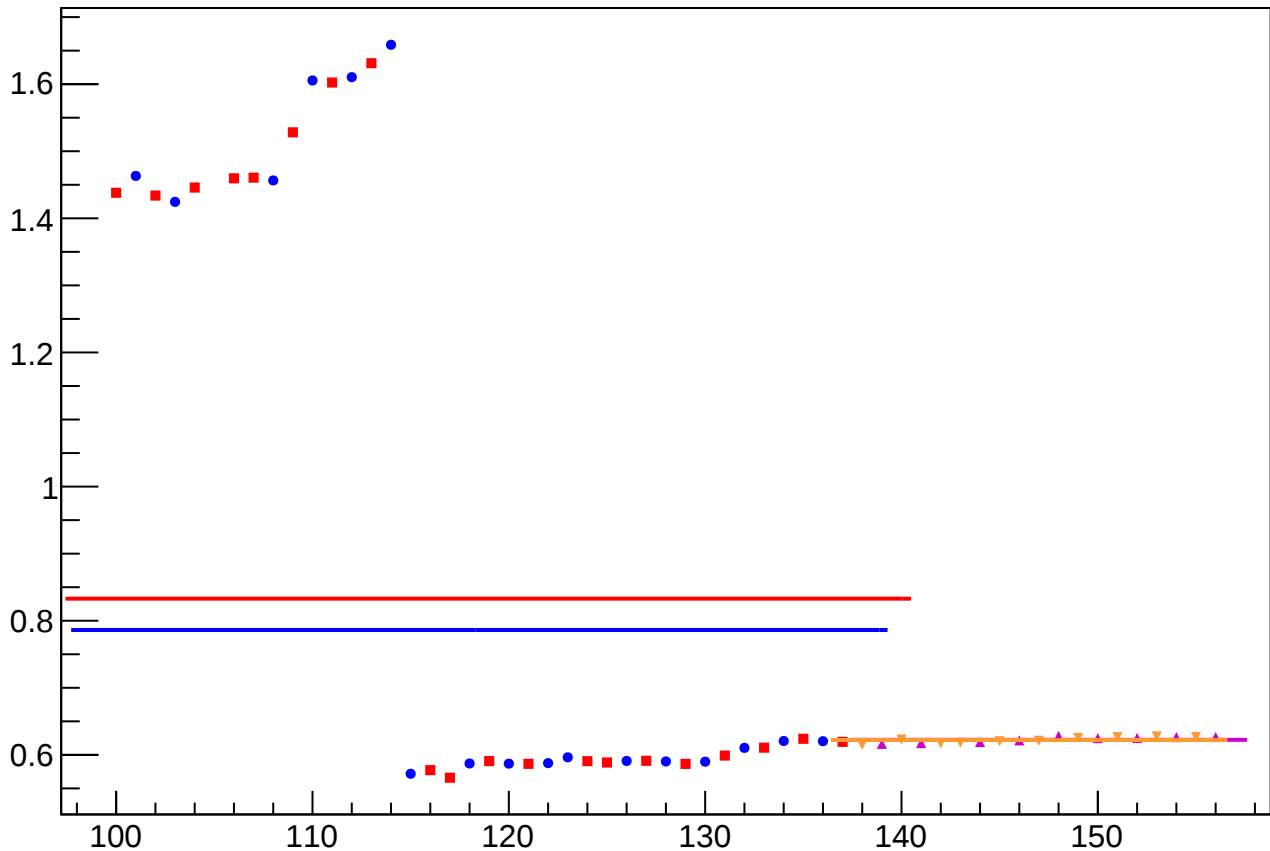
Left In: 0.020+/-0.000 χ^2/NDF : 451989.6/8

0.021+/-0.000 χ^2/NDF : 1355414.7/26

0.021+/-0.000 χ^2/NDF : 3087319.7/55

0.022+/-0.000 χ^2/NDF : 1708813.2/28

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.786 $\pm$ 0.000 χ^2/NDF : 3590113316.1/16

Left Out: 0.622 $\pm$ 0.000 χ^2/NDF : 778783.3/9

Right Out: 0.833 $\pm$ 0.000 χ^2/NDF : 4160348649.7/19

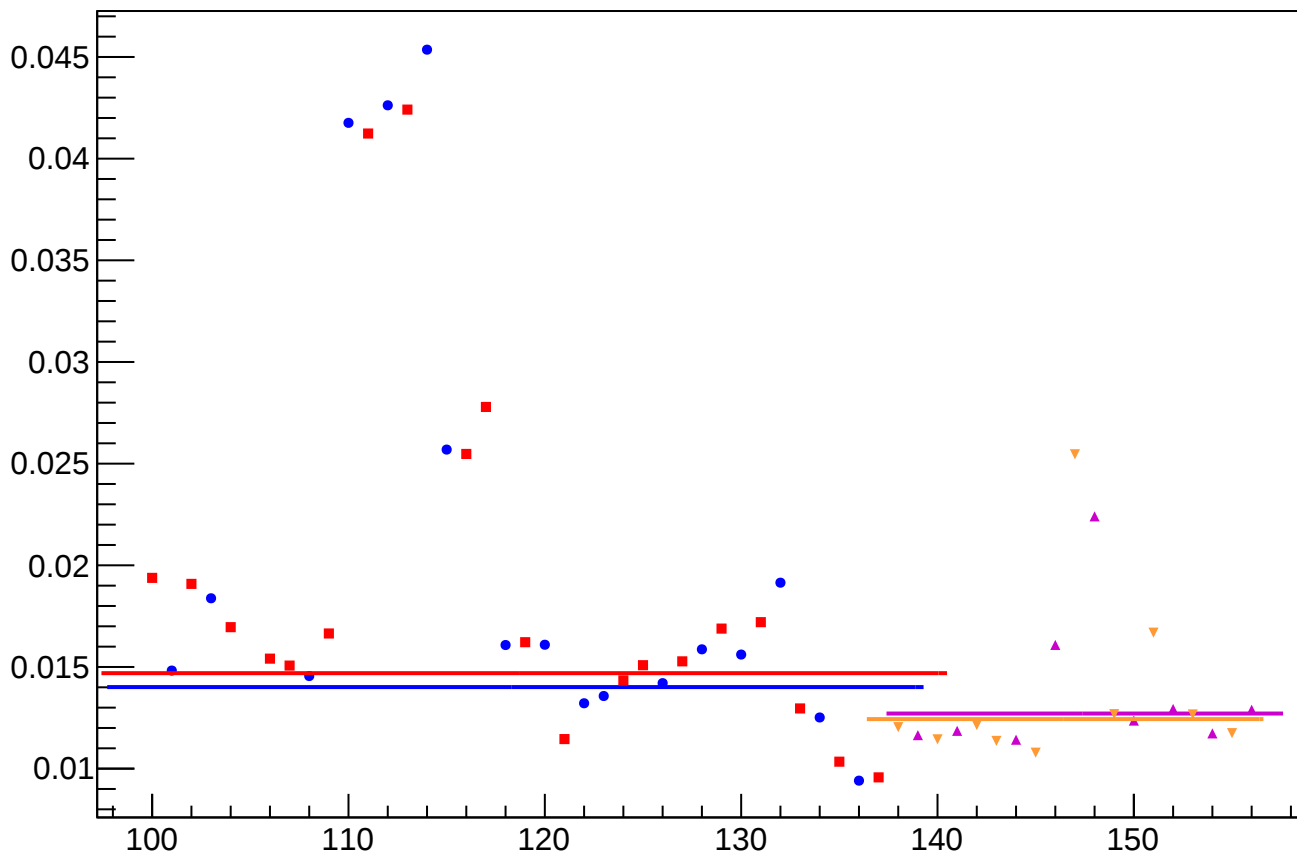
Left In: 0.622 $\pm$ 0.000 χ^2/NDF : 691847.9/8

0.687 $\pm$ 0.000 χ^2/NDF : 4060087712.6/26

0.696 $\pm$ 0.000 χ^2/NDF : 8981462825.5/55

0.706 $\pm$ 0.000 χ^2/NDF : 4908877870.9/28

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1404865.3/16

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:547599.9/9

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1280473.4/19

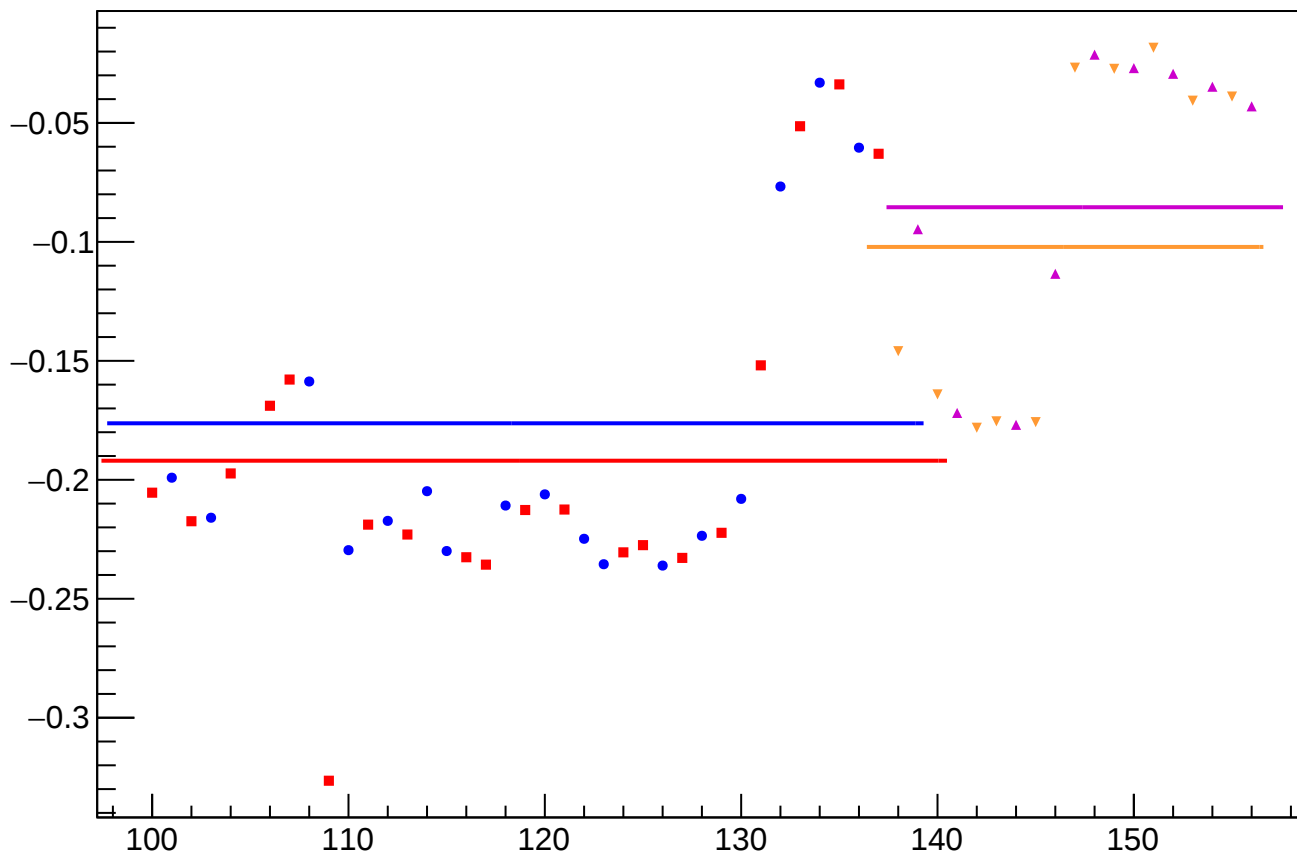
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:402812.1/8

0.013 $\pm$ 0.000 χ^2 /NDF: 2038918.9/26

0.013 $\pm$ 0.000 χ^2 /NDF: 3868941.7/55

0.013 $\pm$ 0.000 χ^2 /NDF: 1816375.6/28

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 70137178.3/16

Left Out: -0.102+/-0.000 χ^2/NDF : 78036537.7/9

Right Out: -0.192+/-0.000 χ^2/NDF : 83899255.4/19

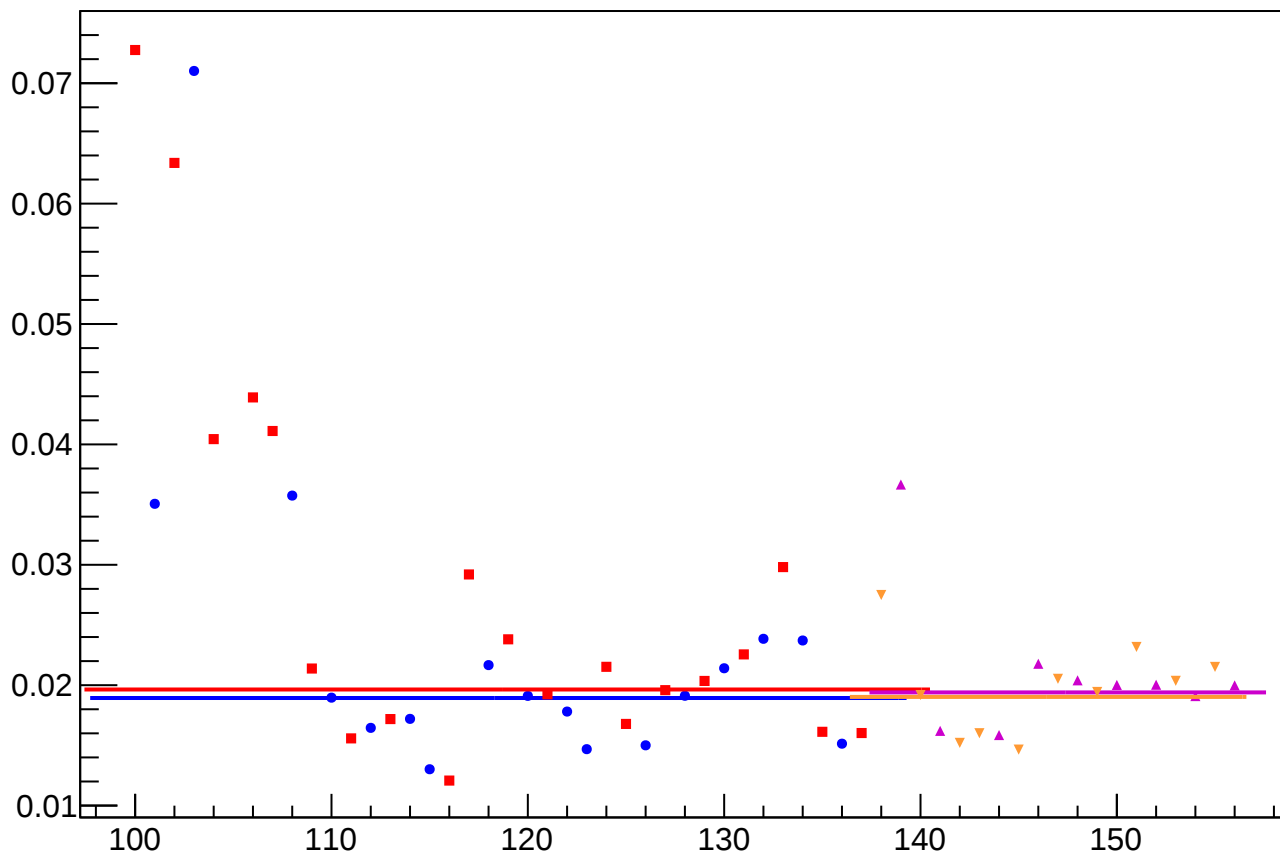
Left In: -0.085+/-0.000 χ^2/NDF : 64683983.7/8

-0.137+/-0.000 χ^2/NDF : 188750572.2/26

-0.136+/-0.000 χ^2/NDF : 418753709.5/55

-0.136+/-0.000 χ^2/NDF : 229972669.4/28

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 : 358469.1/9

Right Out: 0.020+/-0.000 χ^2/NDF : 1466285.9/19

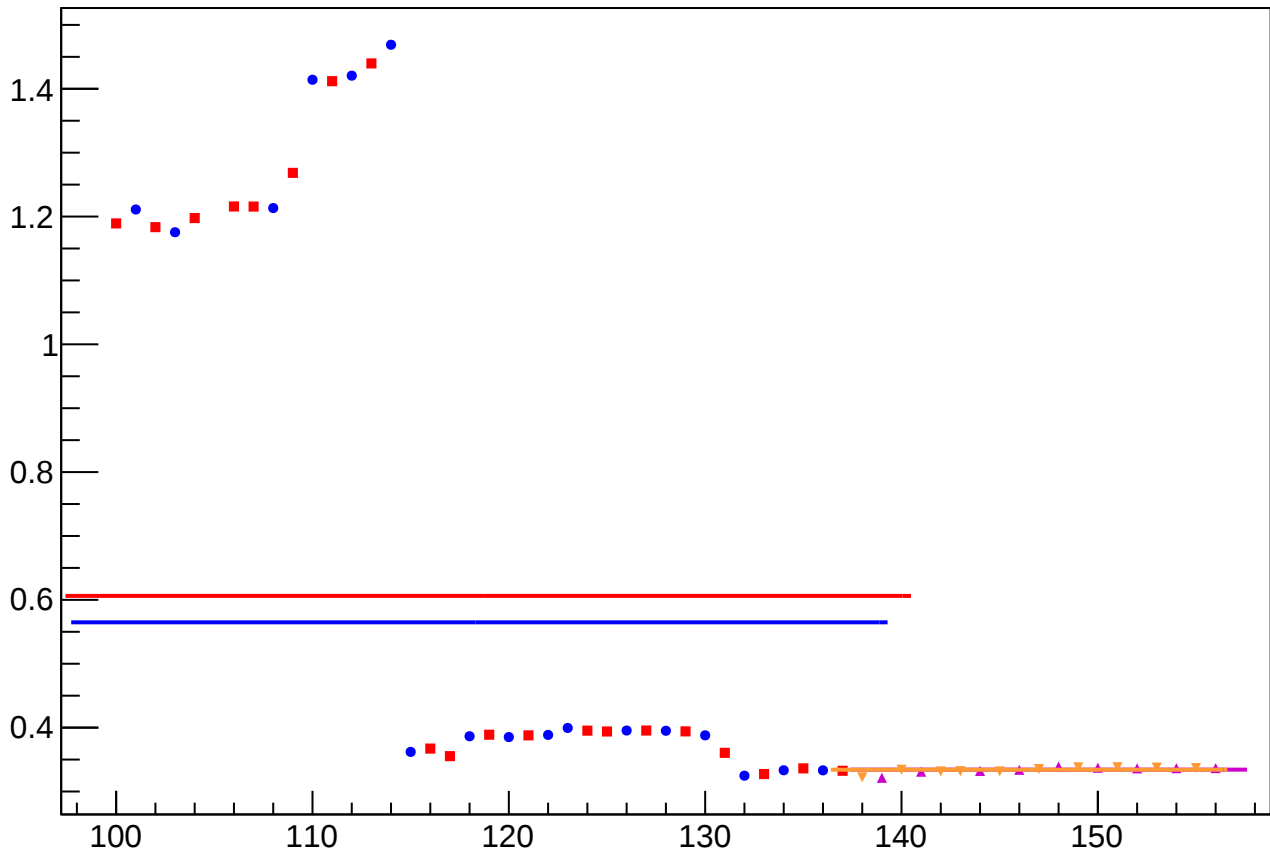
Left In: 0.019+/-0.000 χ^2/NDF : 431077.7/8

0.019+/-0.000 χ^2/NDF : 1564446.4/26

0.019+/-0.000 χ^2/NDF : 3470903.1/55

0.020+/-0.000 χ^2/NDF : 1898207.0/28

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.565 $\pm$ 0.000 χ^2 /NDF: 5030969499.3/16

Left Out: 0.334 $\pm$ 0.000 χ^2 /NDF:961073.7/9

Right Out: 0.606 $\pm$ 0.000 χ^2 /NDF: 5517630064.2/19

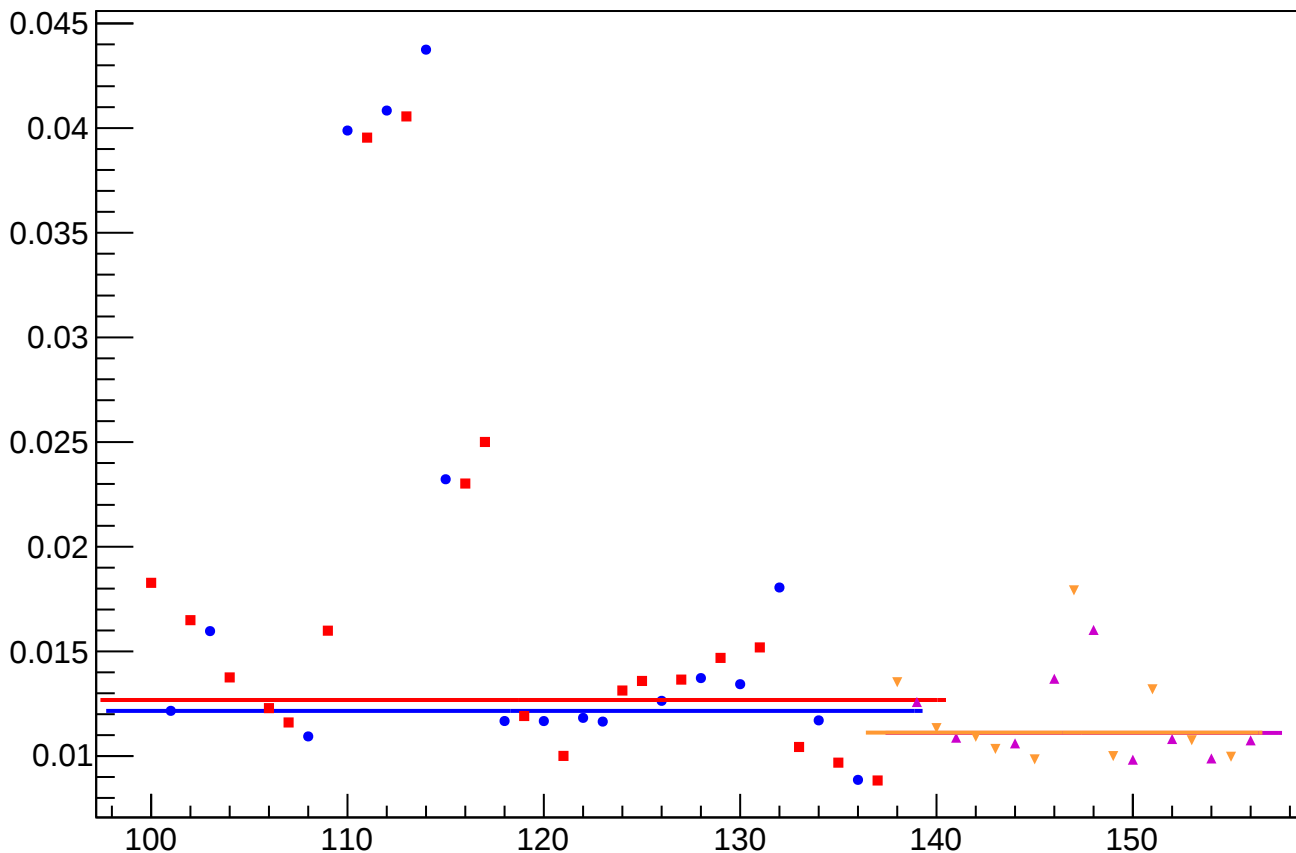
Left In: 0.334 $\pm$ 0.000 χ^2 /NDF:1043052.9/8

0.428 $\pm$ 0.000 χ^2 /NDF: 6237643937.7/26

0.435 $\pm$ 0.000 χ^2 /NDF: 13409954903.2/5

0.442 $\pm$ 0.000 χ^2 /NDF: 7163798034.6/28

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 : 371089.3/9

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 1289415.7/19

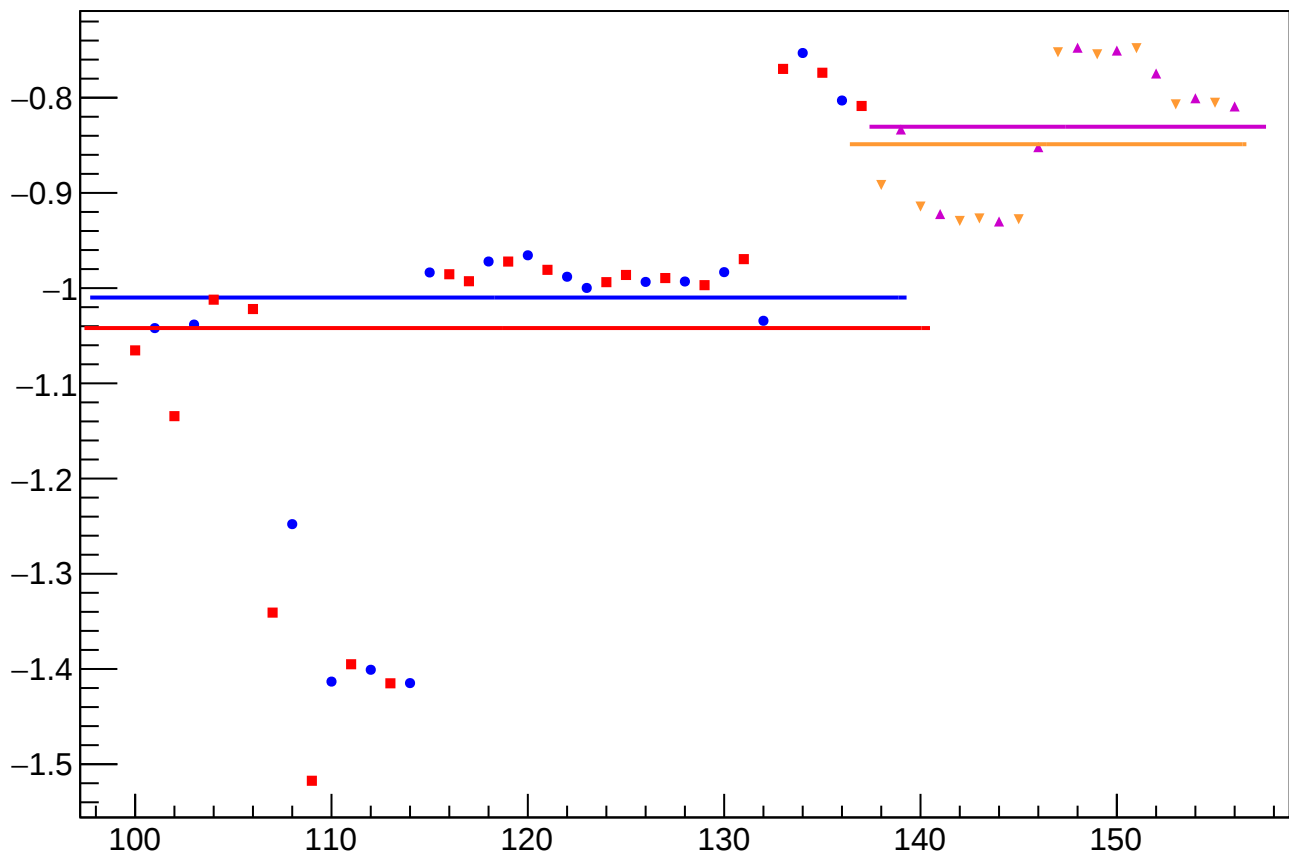
Left In: 0.011 $\pm$ 0.000 χ^2/NDF : 278038.8/8

0.012 $\pm$ 0.000 χ^2/NDF : 1729655.7/26

0.012 $\pm$ 0.000 χ^2/NDF : 3410319.2/55

0.012 $\pm$ 0.000 χ^2/NDF : 1677496.0/28

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.010+/-0.000 χ^2/NDF : 387650332.0/16

Left Out: -0.849+/-0.000 χ^2/NDF : 88016724.0/9

Right Out: -1.042+/-0.000 χ^2/NDF : 530175104.2/19

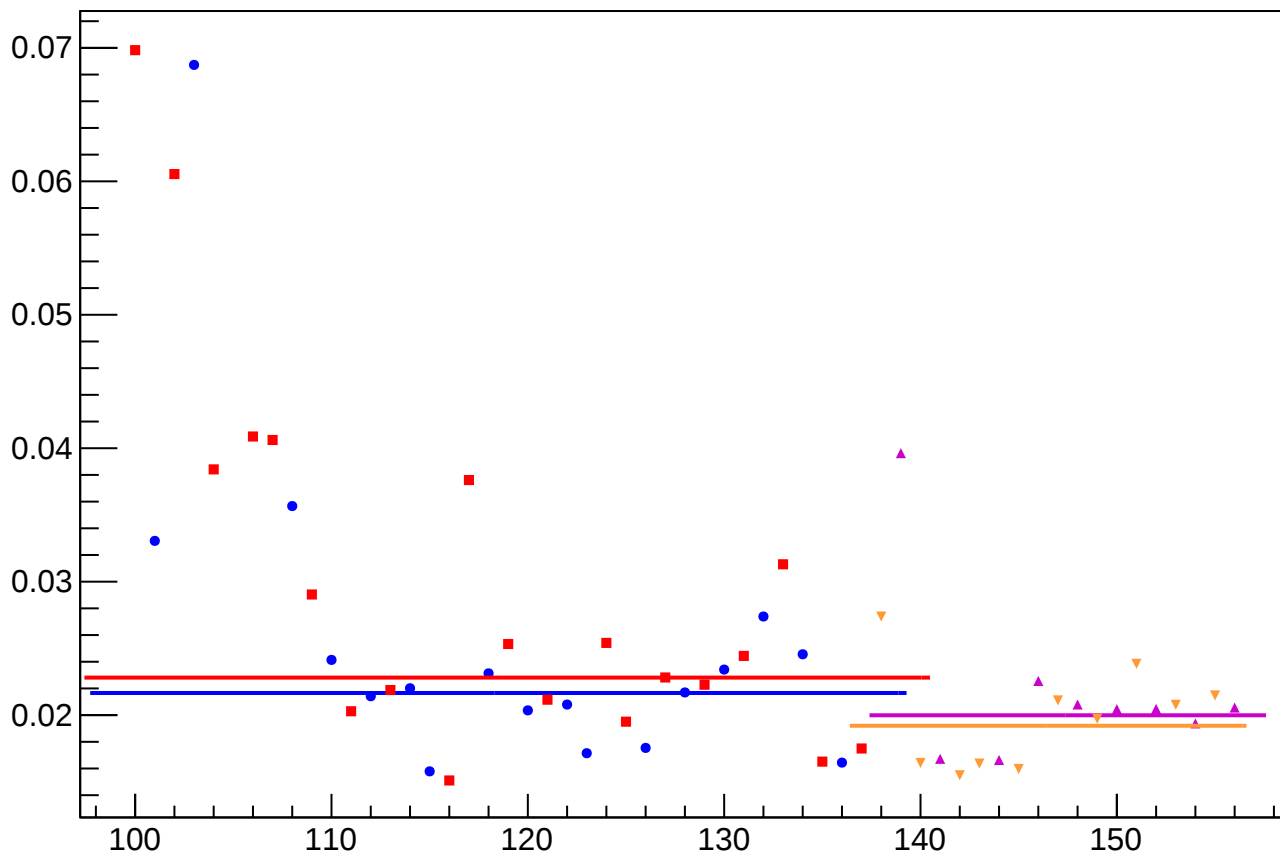
Left In: -0.831+/-0.000 χ^2/NDF : 69186919.4/8

-0.916+/-0.000 χ^2/NDF : 639681267.6/26

-0.918+/-0.000 χ^2/NDF : 1506299151.2/50

-0.919+/-0.000 χ^2/NDF : 866500129.1/28

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.022 ± 0.000 $\chi^2/\text{NDF}: 983499.8/16$

Left Out: 0.019 ± 0.000 $\chi^2/\text{NDF}: 326732.3/9$

Right Out: 0.023 ± 0.000 $\chi^2/\text{NDF}: 1165116.5/19$

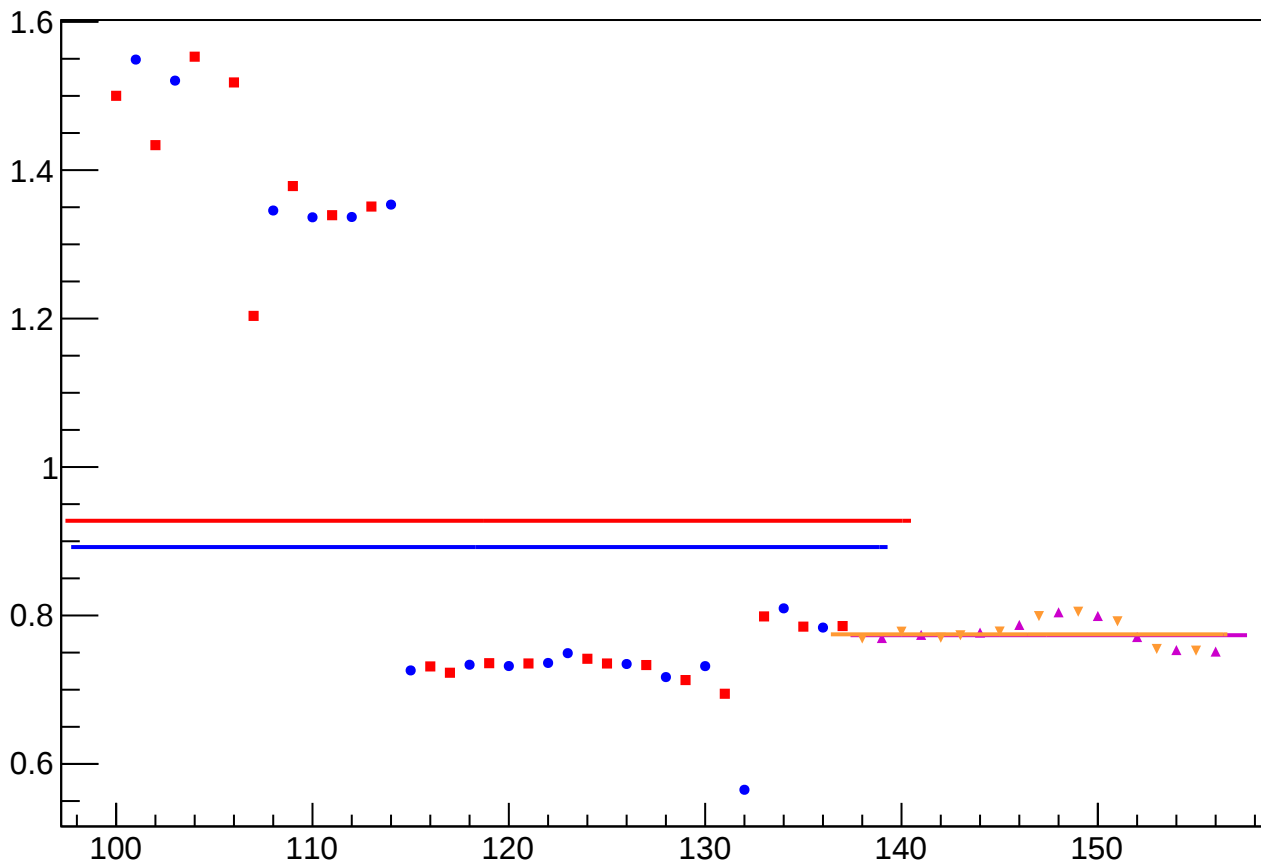
Left In: 0.020 ± 0.000 $\chi^2/\text{NDF}: 449591.1/8$

0.020 ± 0.000 $\chi^2/\text{NDF}: 1386489.7/26$

0.021 ± 0.000 $\chi^2/\text{NDF}: 3118942.9/55$

0.021 ± 0.000 $\chi^2/\text{NDF}: 1709974.3/28$

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.892 $\pm$ 0.000 χ^2 /NDF: 2413732173.6/16

Left Out: 0.775 $\pm$ 0.000 χ^2 /NDF:11016201.1/9

Right Out: 0.928 $\pm$ 0.000 χ^2 /NDF: 2439574936.7/19

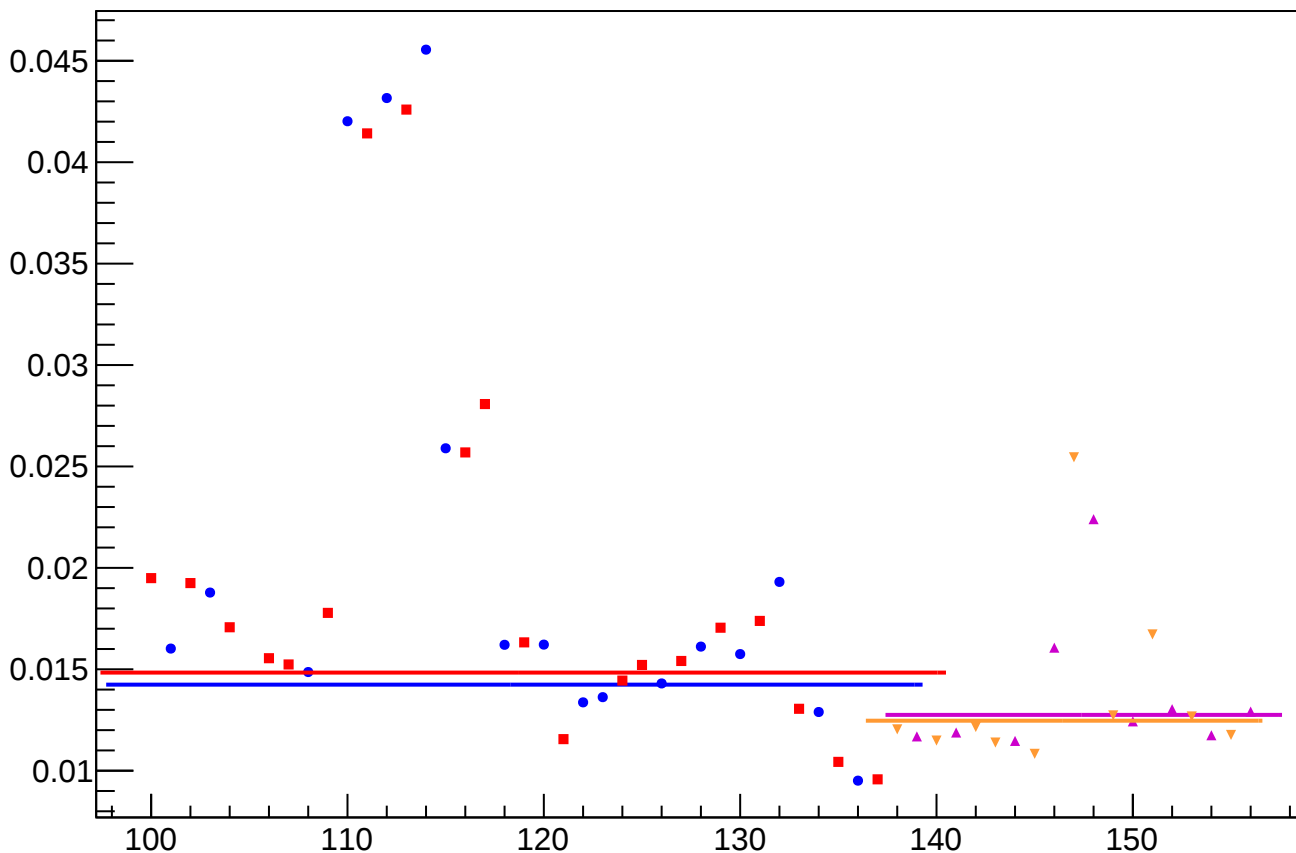
Left In: 0.773 $\pm$ 0.000 χ^2 /NDF:10549655.4/8

0.820 $\pm$ 0.000 χ^2 /NDF: 2659898995.2/26

0.827 $\pm$ 0.000 χ^2 /NDF: 5511184671.4/55

0.834 $\pm$ 0.000 χ^2 /NDF: 2844710588.4/28

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1415681.3/16

Left Out: 0.012+/-0.000 χ^2/NDF :544066.1/9

Right Out: 0.015+/-0.000 χ^2/NDF : 1291174.0/19

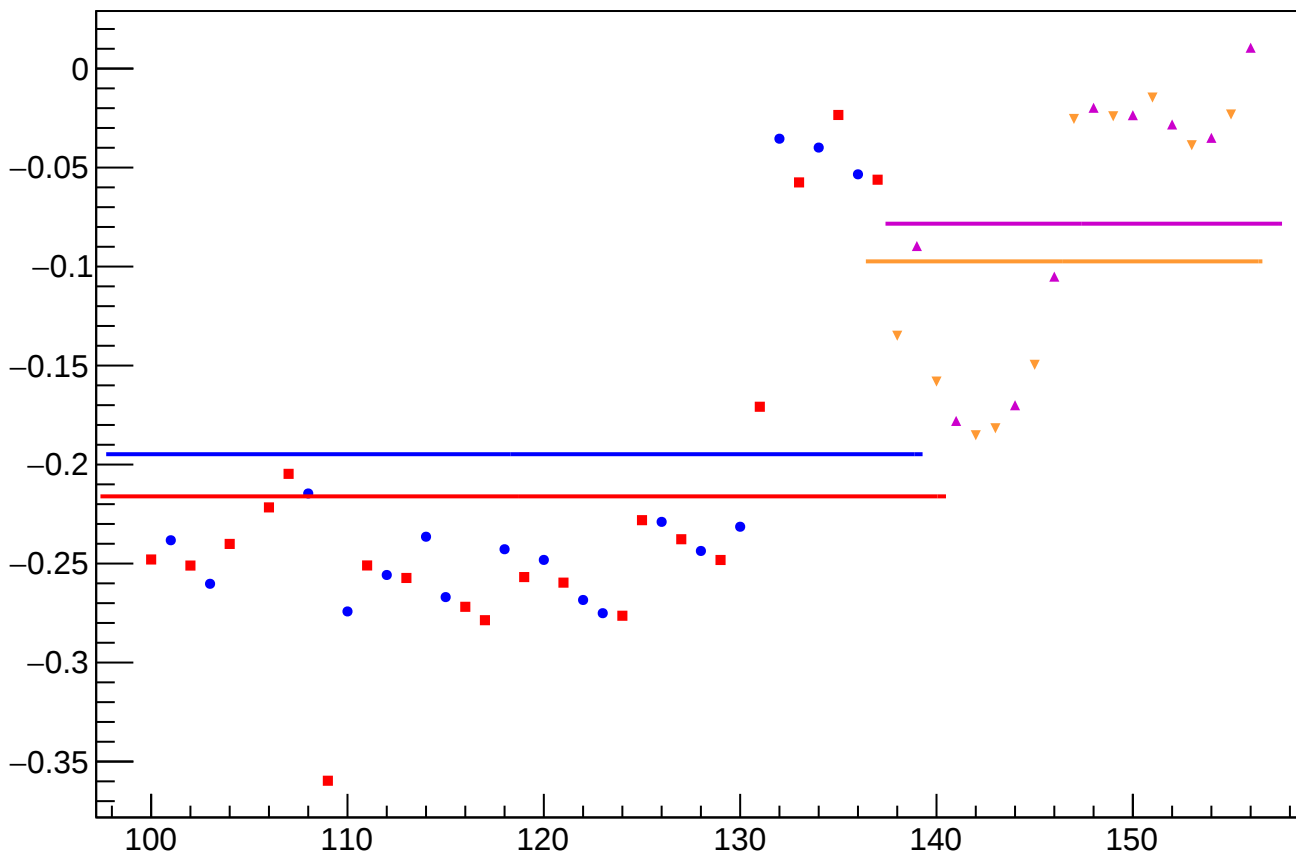
Left In: 0.013+/-0.000 χ^2/NDF :398565.8/8

0.013+/-0.000 χ^2/NDF : 2067237.4/26

0.013+/-0.000 χ^2/NDF : 3913495.0/55

0.014+/-0.000 χ^2/NDF : 1834142.1/28

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.195+/-0.000 χ^2/NDF : 108656195.5/16

Left Out: -0.097+/-0.000 χ^2/NDF : 76603105.7/9

Right Out: -0.216+/-0.000 χ^2/NDF : 112167032.2/19

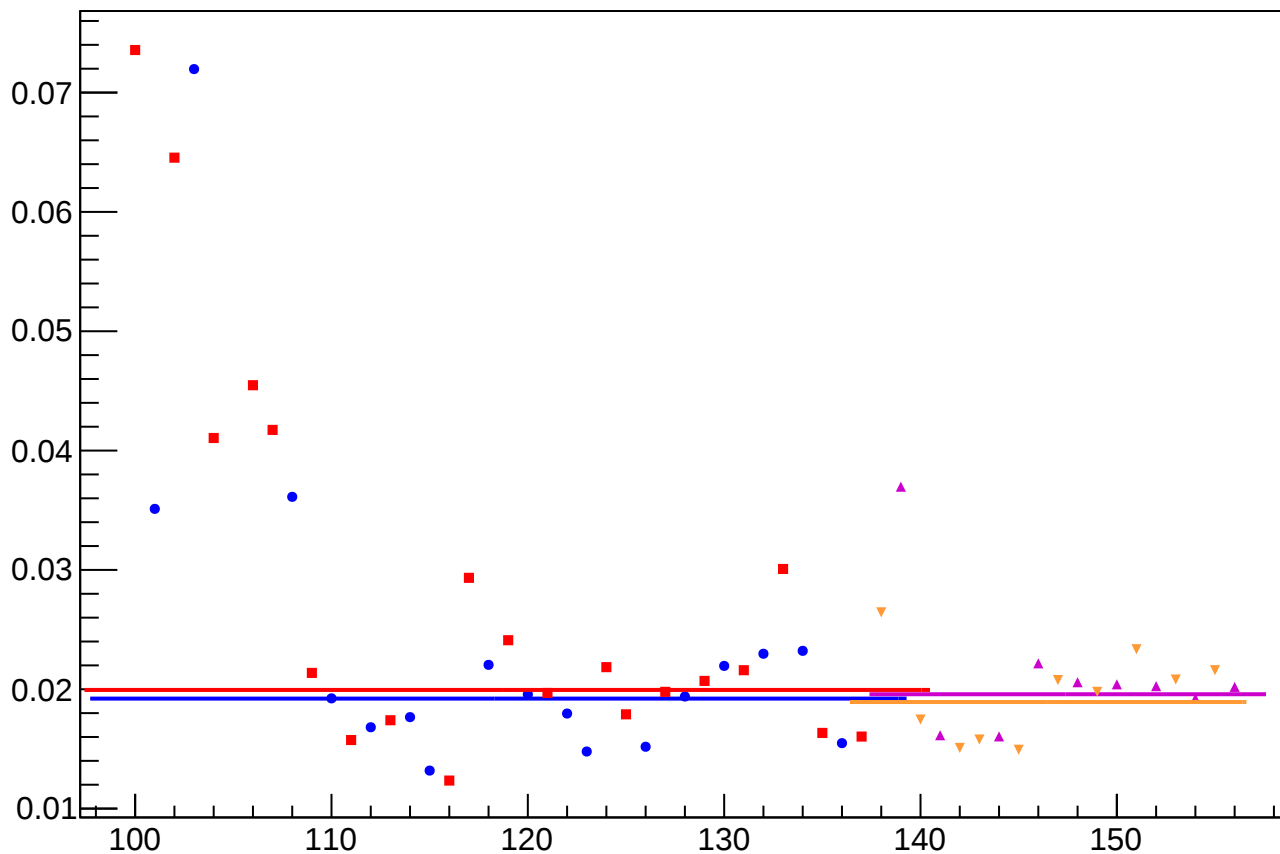
Left In: -0.078+/-0.000 χ^2/NDF : 74763119.8/8

-0.143+/-0.000 χ^2/NDF : 254327175.2/26

-0.143+/-0.000 χ^2/NDF : 573783681.0/55

-0.143+/-0.000 χ^2/NDF : 319455910.8/28

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1177085.4/16

Left Out: 0.019+/-0.000 χ^2/NDF : 350808.8/9

Right Out: 0.020+/-0.000 χ^2/NDF : 1455211.7/19

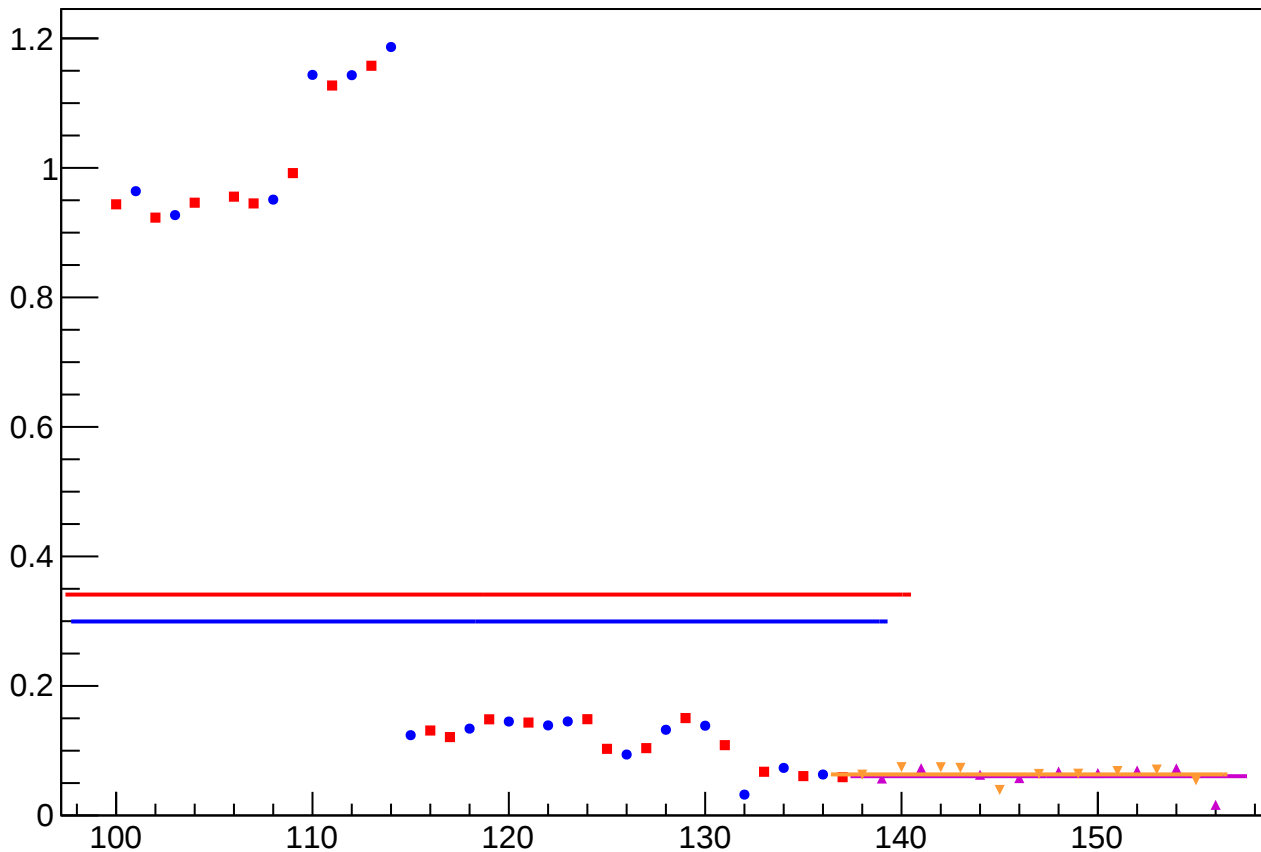
Left In: 0.020+/-0.000 χ^2/NDF : 439422.6/8

0.019+/-0.000 χ^2/NDF : 1529094.7/26

0.019+/-0.000 χ^2/NDF : 3439121.5/55

0.020+/-0.000 χ^2/NDF : 1896459.0/28

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.300 $\pm$ 0.000 χ^2 /NDF: 5165052137.6/16

Left Out: 0.063 $\pm$ 0.000 χ^2 /NDF: 7436720.5/9

Right Out: 0.341 $\pm$ 0.000 χ^2 /NDF: 5453748737.7/19

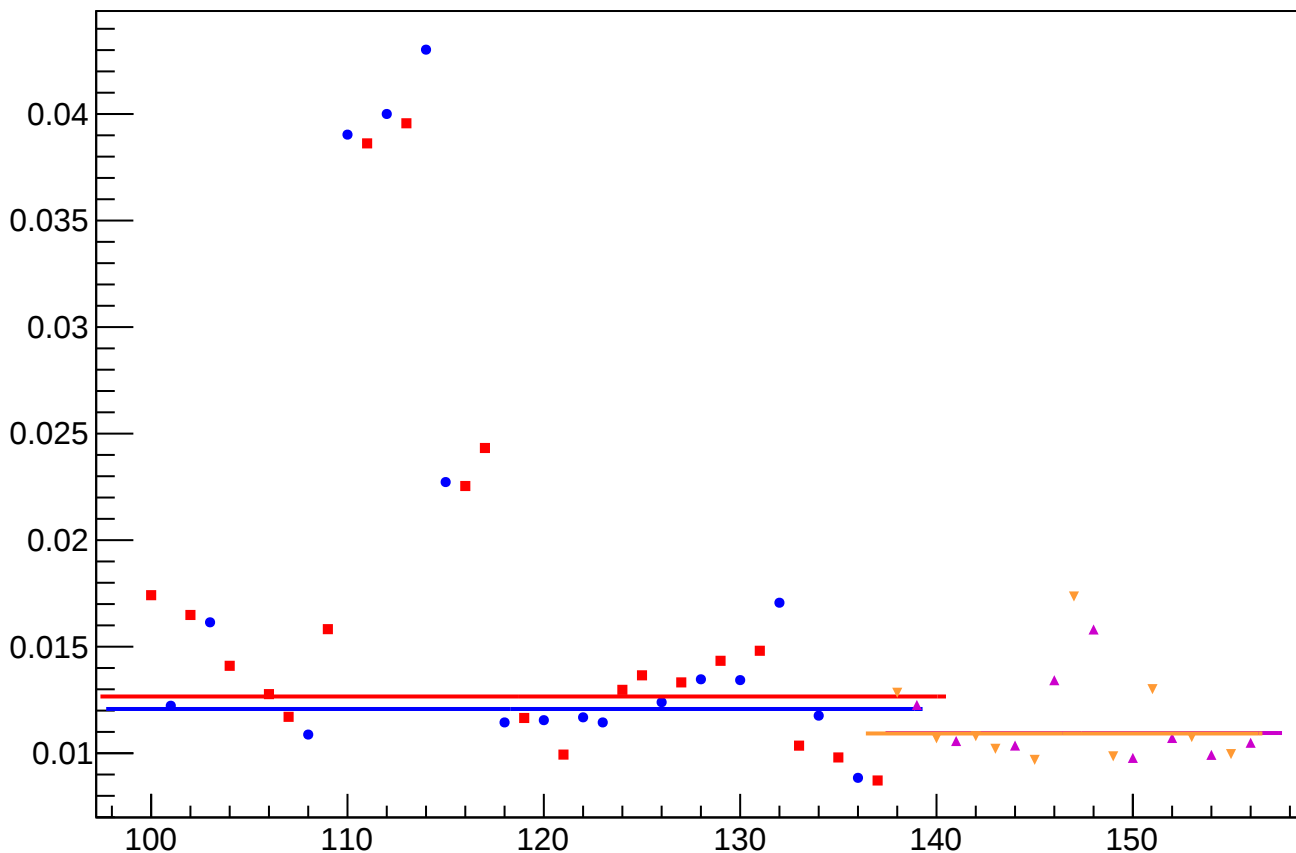
Left In: 0.061 $\pm$ 0.000 χ^2 /NDF: 17042236.6/8

0.159 $\pm$ 0.000 χ^2 /NDF: 6466160660.2/26

0.164 $\pm$ 0.000 χ^2 /NDF: 13716219795.7/5

0.170 $\pm$ 0.000 χ^2 /NDF: 7244015154.4/28

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:338910.1/9

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1255391.1/19

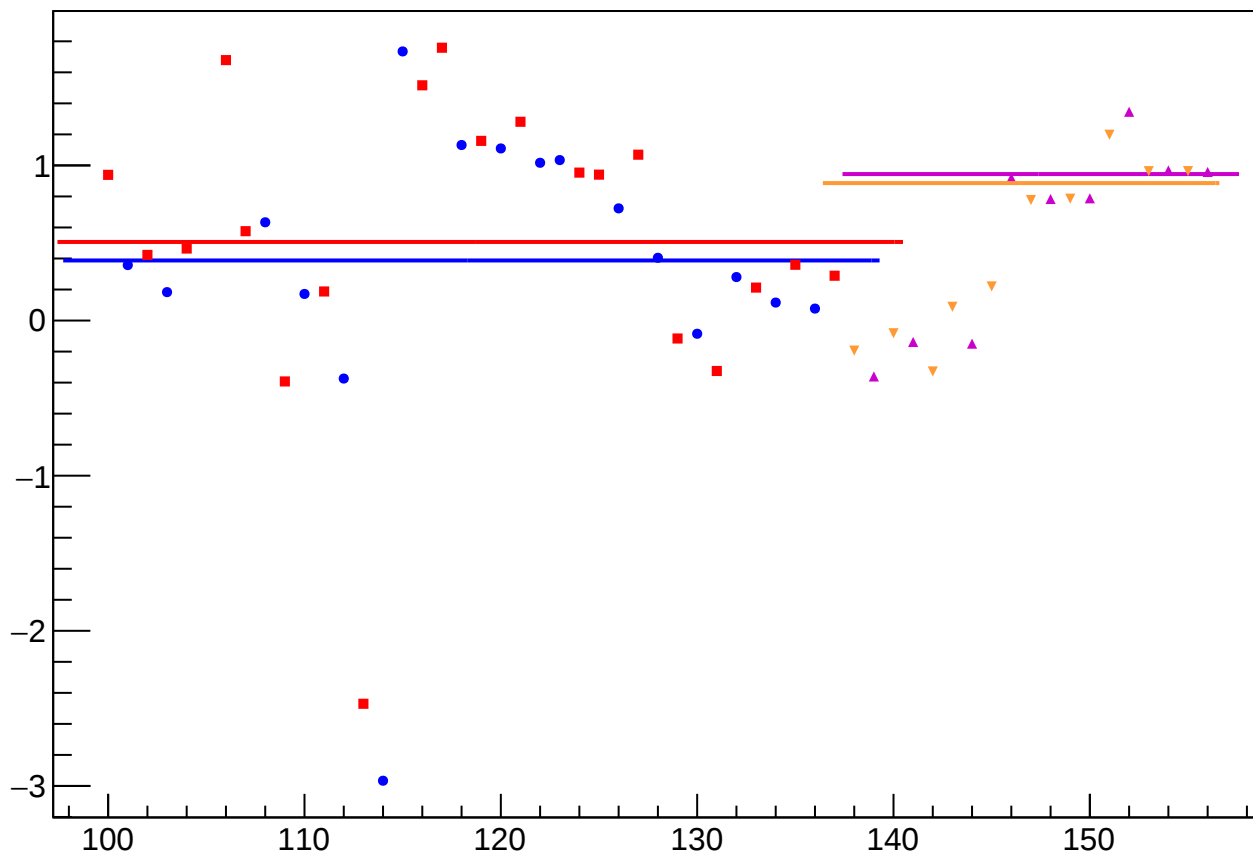
Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:265034.3/8

0.011 $\pm$ 0.000 χ^2 /NDF: 1682240.5/26

0.012 $\pm$ 0.000 χ^2 /NDF: 3340021.2/55

0.012 $\pm$ 0.000 χ^2 /NDF: 1652911.7/28

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.387 $\pm$ 0.000 χ^2 /NDF: 247912593.5/16

Left Out: 0.886 $\pm$ 0.000 χ^2 /NDF: 685161322.5/9

Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995347030.4/19

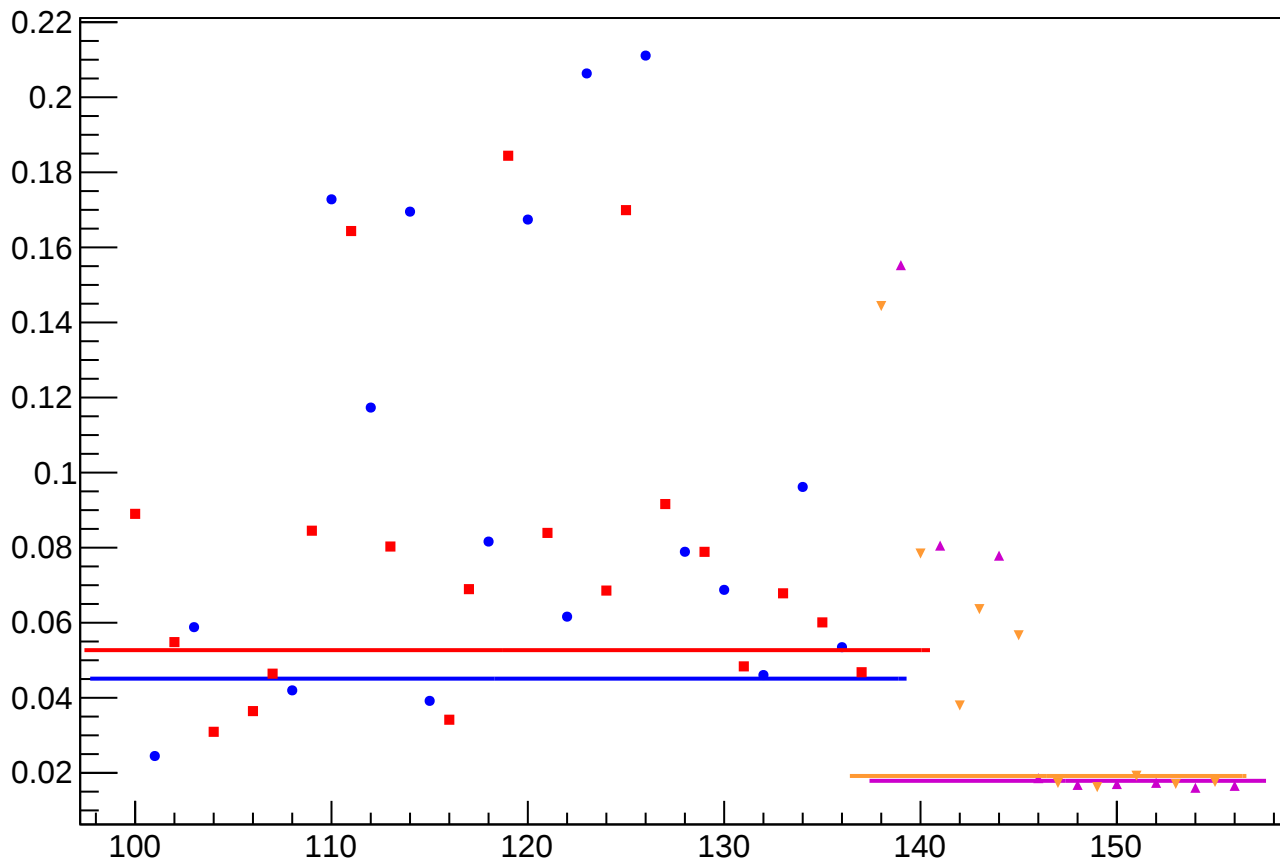
Left In: 0.944 $\pm$ 0.000 χ^2 /NDF: 745457917.6/8

0.823 $\pm$ 0.000 χ^2 /NDF: 1313261799.3/26

0.867 $\pm$ 0.000 χ^2 /NDF: 3363362161.1/55

0.904 $\pm$ 0.000 χ^2 /NDF: 2001580851.4/28

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2846218.9/16

Left Out: 0.019+/-0.000 χ^2/NDF : 2530899.6/9

Right Out: 0.053+/-0.000 χ^2/NDF : 2194555.4/19

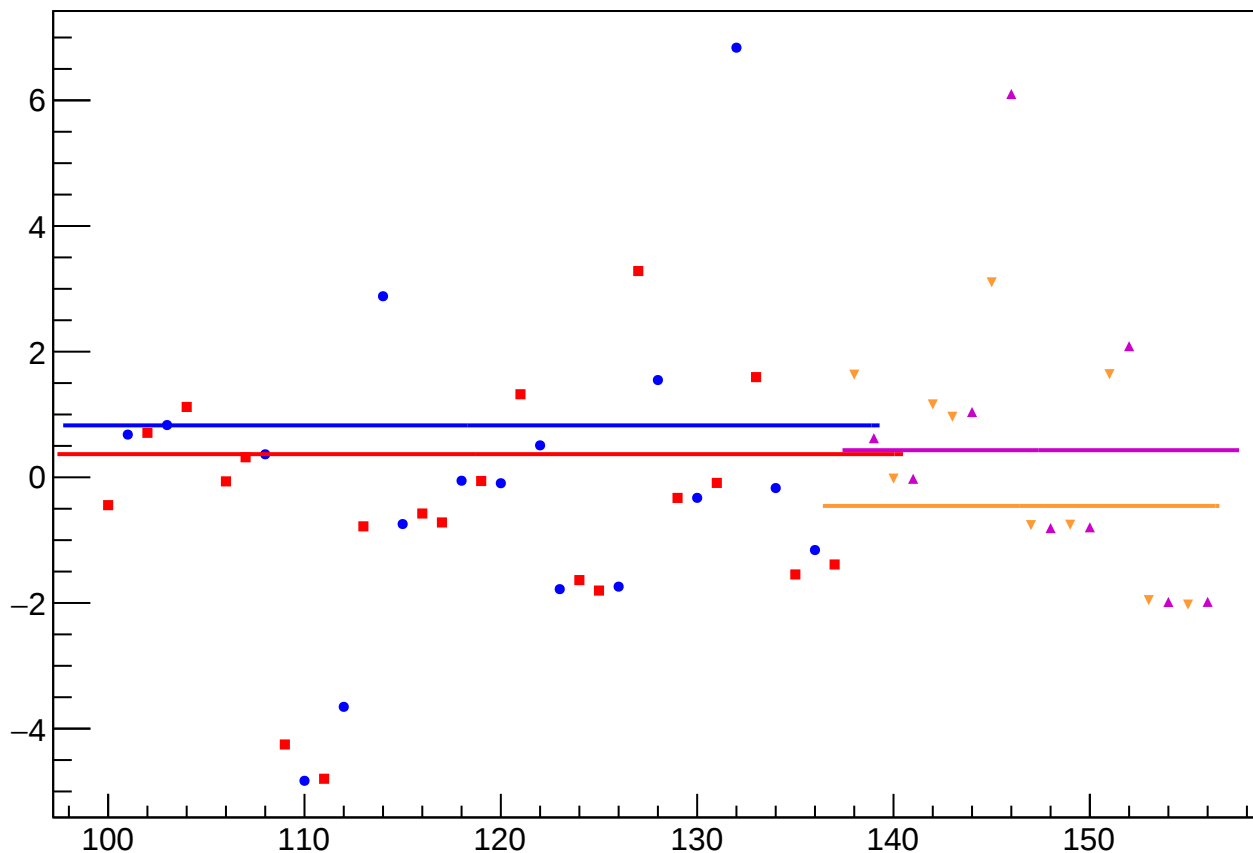
Left In: 0.018+/-0.000 χ^2/NDF : 2180980.3/8

0.022+/-0.000 χ^2/NDF : 7431782.0/26

0.022+/-0.000 χ^2/NDF : 15134544.8/55

0.021+/-0.000 χ^2/NDF : 7675864.0/28

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.827 ± 0.000 $\chi^2/\text{NDF}: 10936458870.4/16$

Left Out: -0.455 ± 0.000 $\chi^2/\text{NDF}: 65761362843.4/9$

Right Out: 0.369 ± 0.000 $\chi^2/\text{NDF}: 4985860510.0/19$

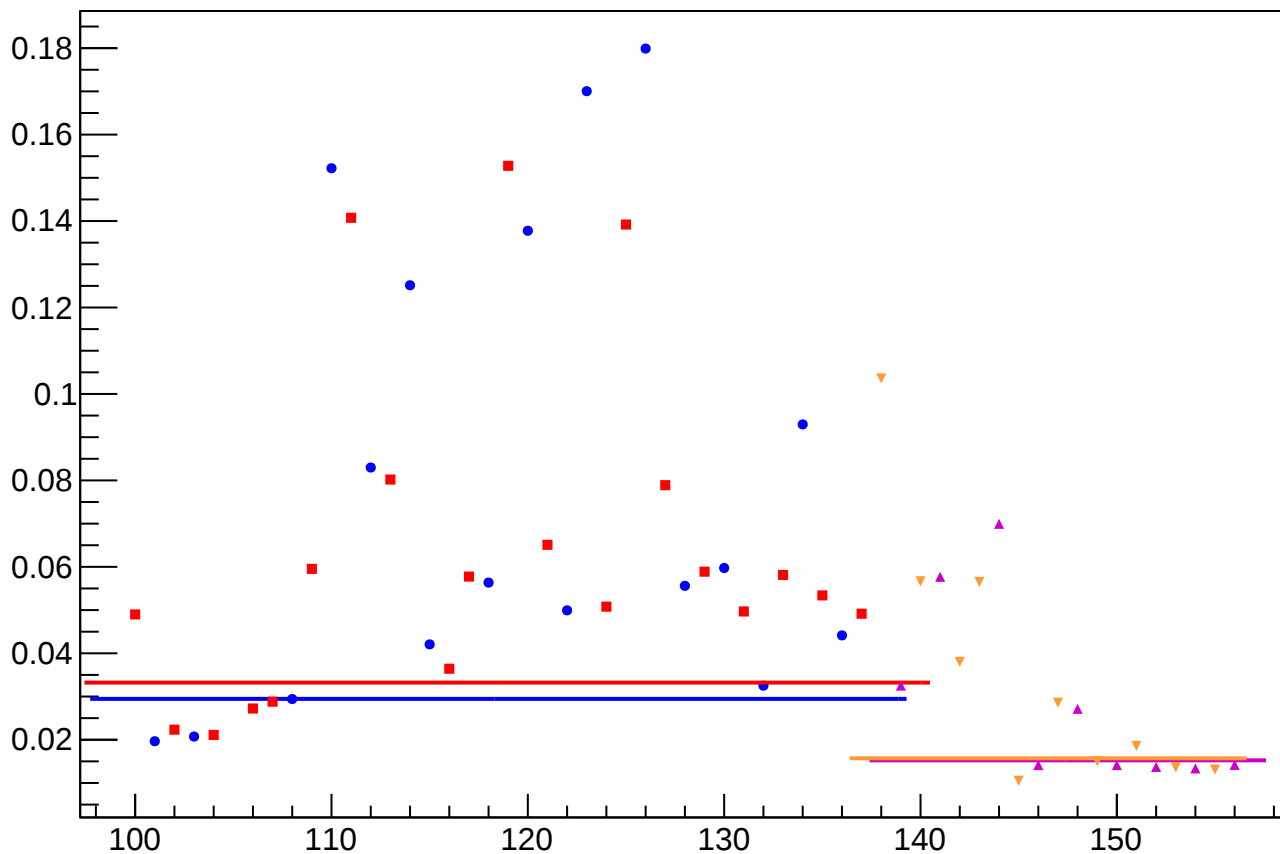
Left In: 0.432 ± 0.000 $\chi^2/\text{NDF}: 179808855142.4/8$

-0.230 ± 0.000 $\chi^2/\text{NDF}: 82027370281.2/26$

0.117 ± 0.000 $\chi^2/\text{NDF}: 271901271042.3/10$

0.423 ± 0.000 $\chi^2/\text{NDF}: 184806637679.8/28$

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029 ± 0.000 χ^2/NDF : 3053519.6/16

Left Out: 0.016 ± 0.000 χ^2/NDF : 2518399.6/9

Right Out: 0.033 ± 0.000 χ^2/NDF : 3110014.7/19

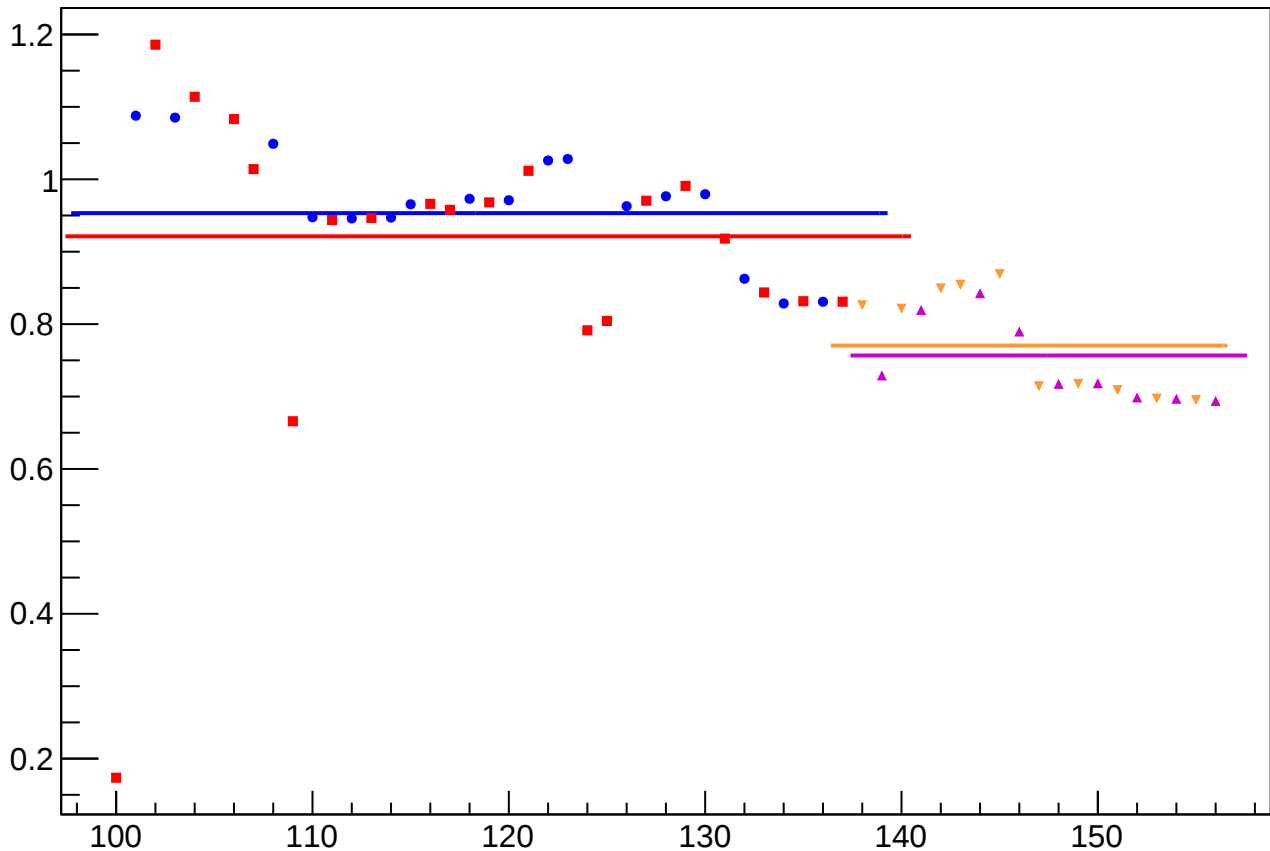
Left In: 0.015 ± 0.000 χ^2/NDF : 1660212.4/8

0.018 ± 0.000 χ^2/NDF : 6797387.0/26

0.018 ± 0.000 χ^2/NDF : 13527172.8/55

0.018 ± 0.000 χ^2/NDF : 6725965.8/28

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.000 χ^2/NDF : 175396553.4/16

Left Out: 0.770+/-0.000 χ^2/NDF :190505762.4/9

Right Out: 0.921+/-0.000 χ^2/NDF : 374376205.4/19

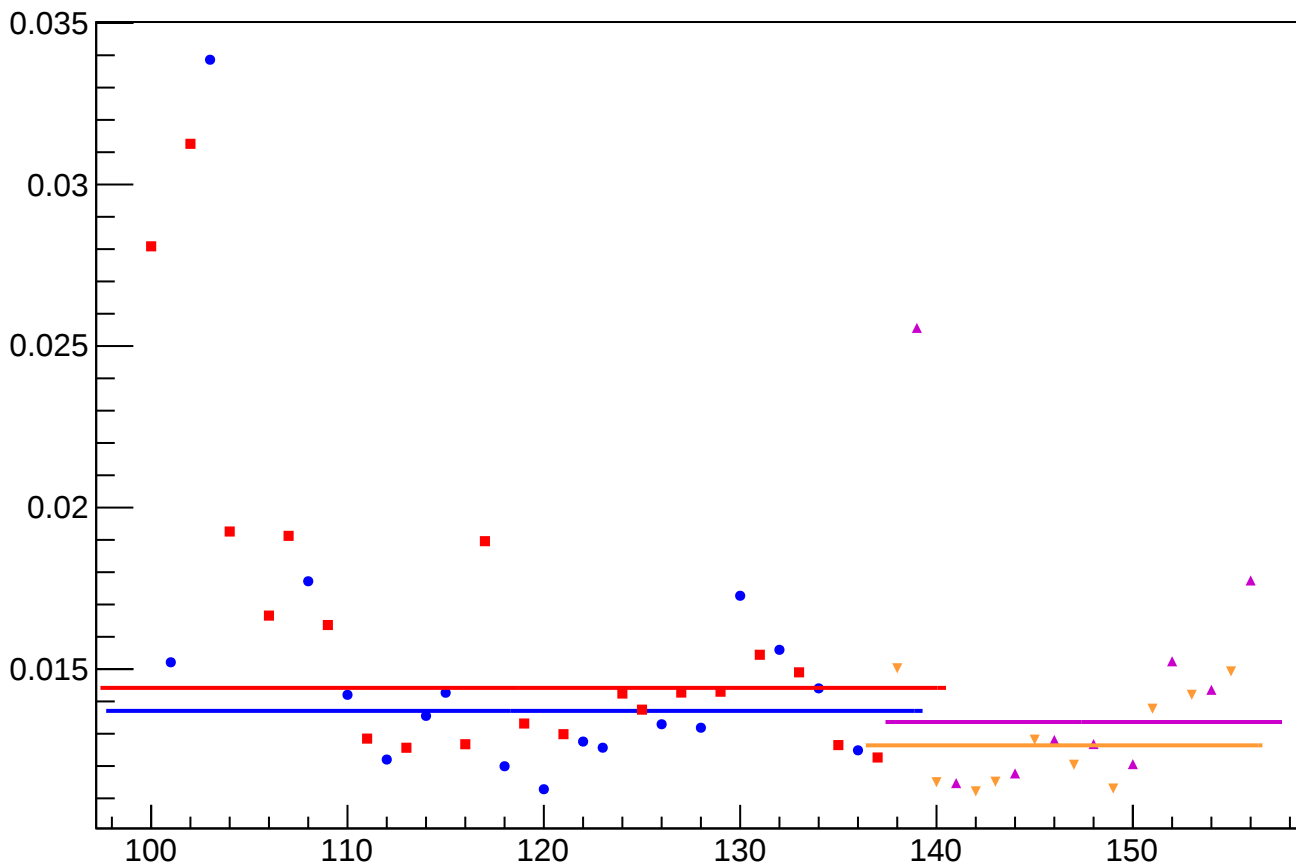
Left In: 0.757+/-0.000 χ^2/NDF :115347054.5/8

0.851+/-0.000 χ^2/NDF : 947520369.2/26

0.841+/-0.000 χ^2/NDF : 1885415179.1/55

0.831+/-0.000 χ^2/NDF : 925524557.2/28

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 546317.6/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:150659.8/9

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 506553.4/19

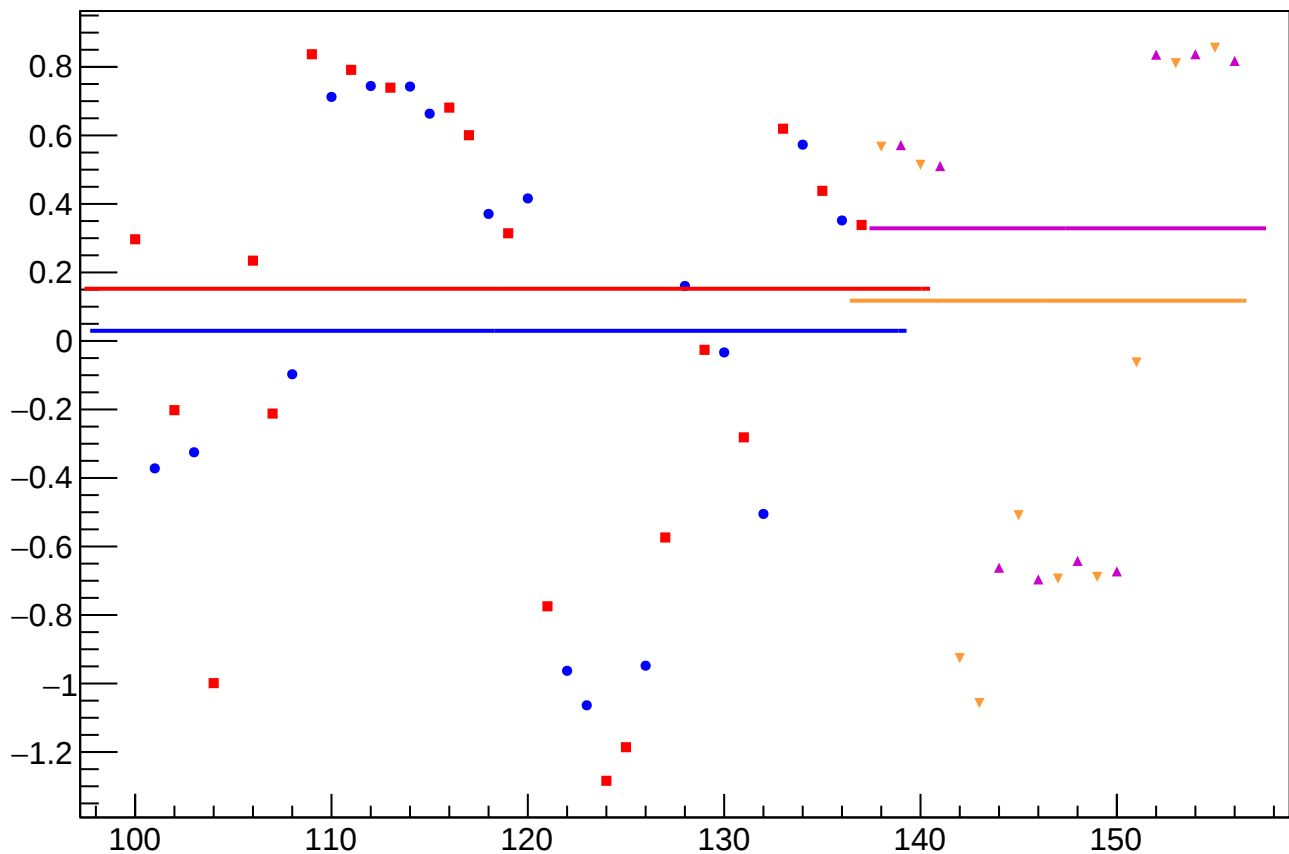
Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:504068.3/8

0.013 $\pm$ 0.000 χ^2 /NDF: 736579.2/26

0.013 $\pm$ 0.000 χ^2 /NDF: 1819670.8/55

0.014 $\pm$ 0.000 χ^2 /NDF: 1046551.3/28

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.000 χ^2/NDF : 6294824795.0/16

Left Out: 0.118 $\pm$ 0.000 χ^2/NDF : 21436974451.3/9

Right Out: 0.152 $\pm$ 0.000 χ^2/NDF : 12673501089.9/19

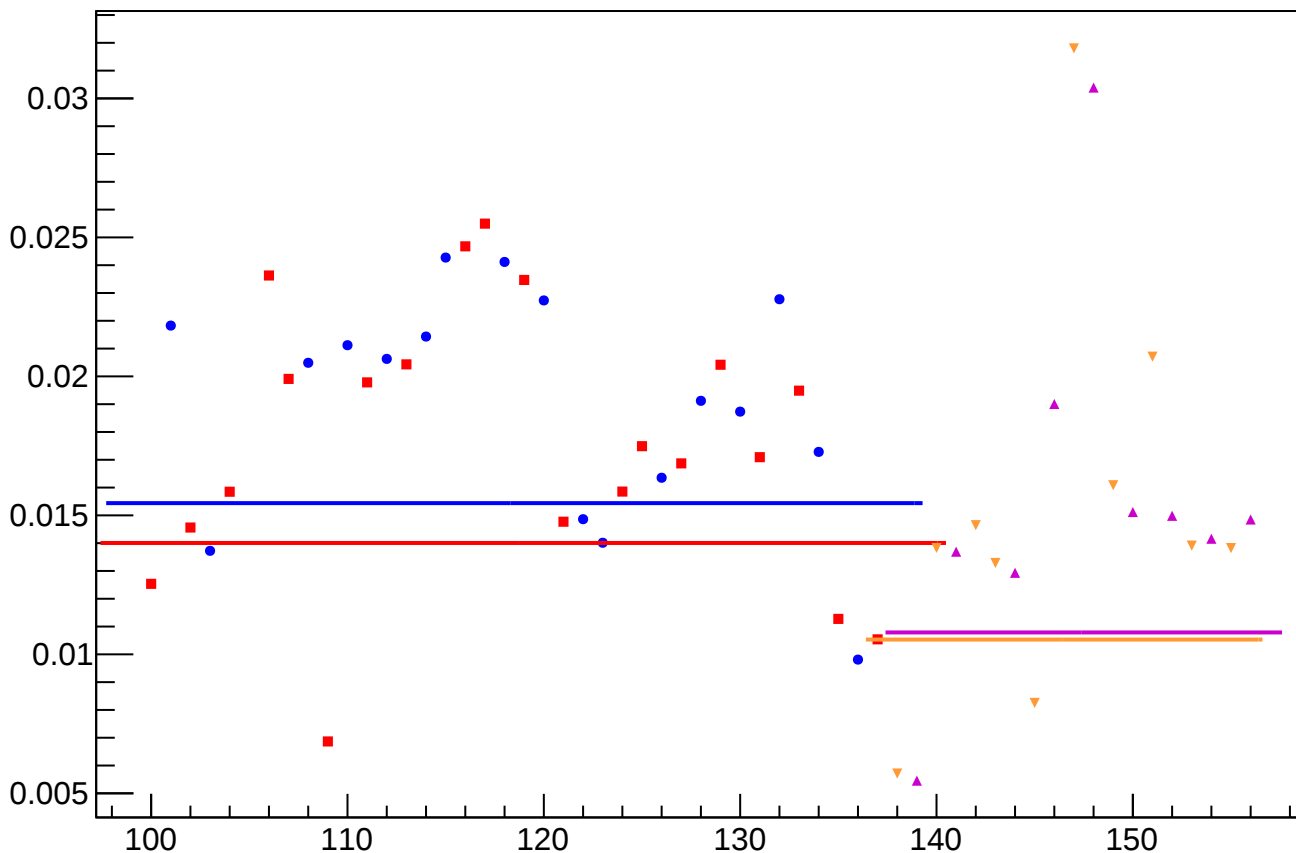
Left In: 0.329 $\pm$ 0.000 χ^2/NDF : 15565596206.3/8

0.089 $\pm$ 0.000 χ^2/NDF : 27855943563.1/26

0.178 $\pm$ 0.000 χ^2/NDF : 57780768364.5/5

0.263 $\pm$ 0.000 χ^2/NDF : 28796751776.1/28

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1161852.5/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2513115.2/9

Right Out: 0.014+/-0.000 χ^2/NDF : 1576149.9/19

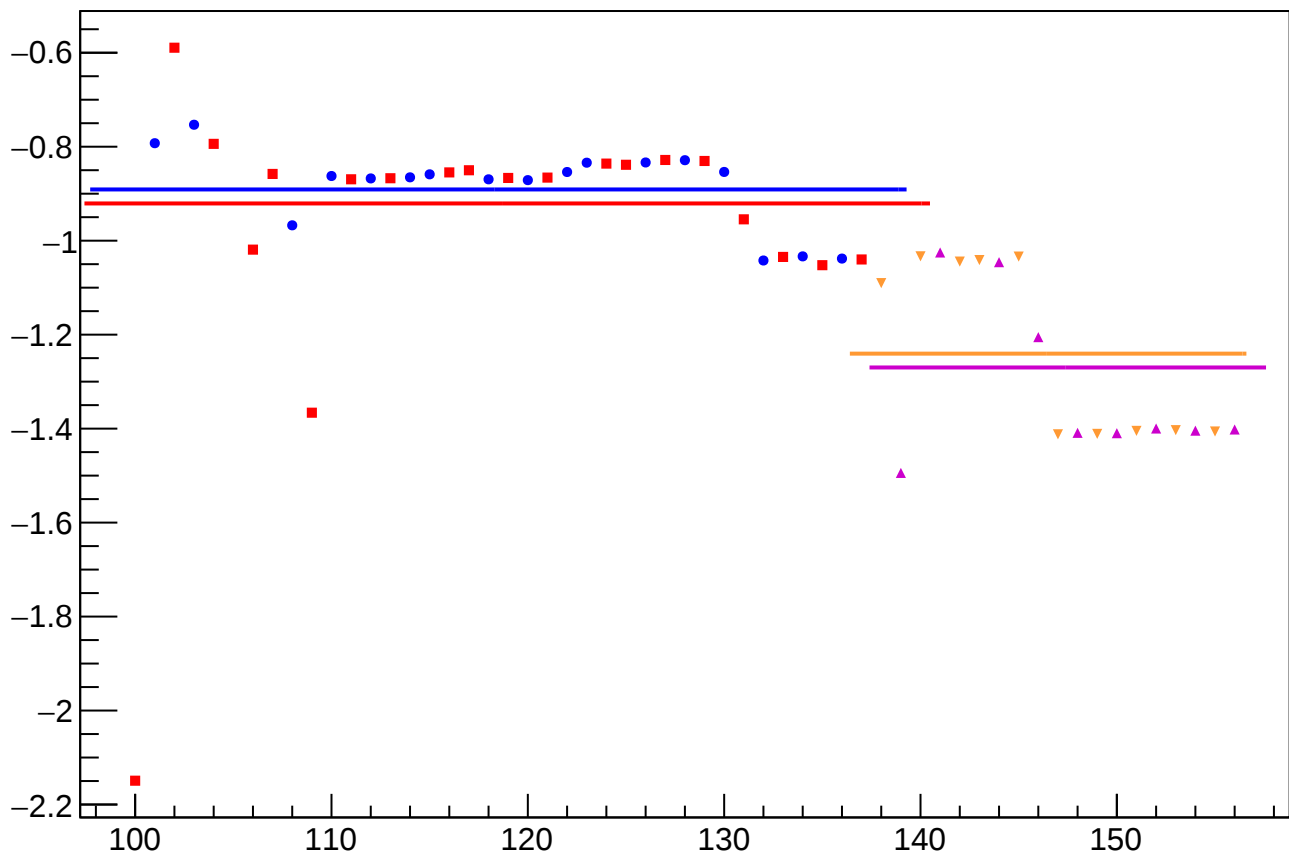
Left In: 0.011+/-0.000 χ^2/NDF : 2686571.2/8

0.012+/-0.000 χ^2/NDF : 4449303.9/26

0.012+/-0.000 χ^2/NDF : 9084691.7/55

0.012+/-0.000 χ^2/NDF : 4634320.8/28

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.891 $\pm$ 0.000 χ^2/NDF : 39578323.2/16

Left Out: -1.240 $\pm$ 0.000 χ^2/NDF : 200278453.4/9

Right Out: -0.921 $\pm$ 0.000 χ^2/NDF : 131271770.4/19

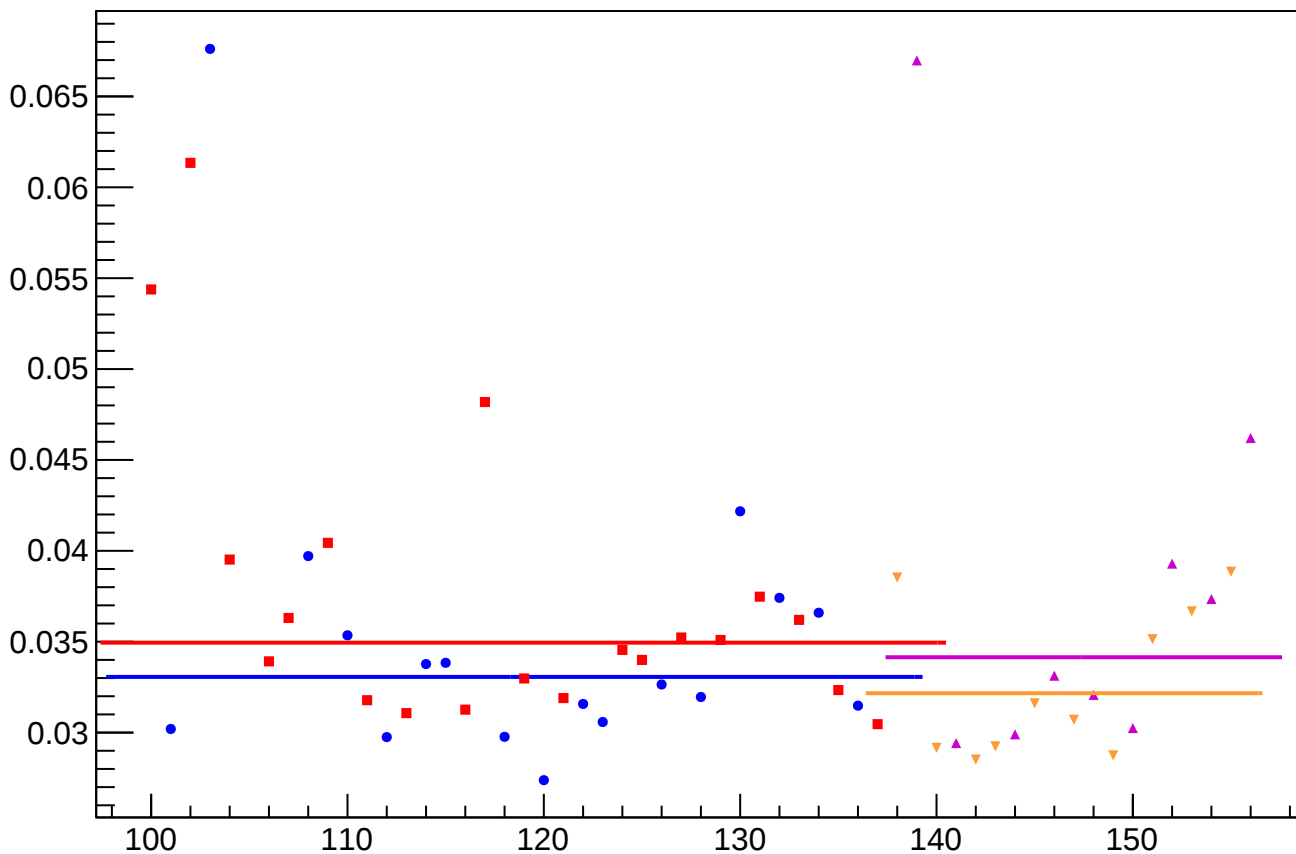
Left In: -1.270 $\pm$ 0.000 χ^2/NDF : 155142219.2/8

-1.076 $\pm$ 0.000 χ^2/NDF : 588046500.8/26

-1.088 $\pm$ 0.000 χ^2/NDF : 1196096258.4/50

-1.101 $\pm$ 0.000 χ^2/NDF : 604855824.0/28

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 409286.7/16

Left Out: 0.032+/-0.000 χ^2/NDF : 167987.4/9

Right Out: 0.035+/-0.000 χ^2/NDF : 280500.4/19

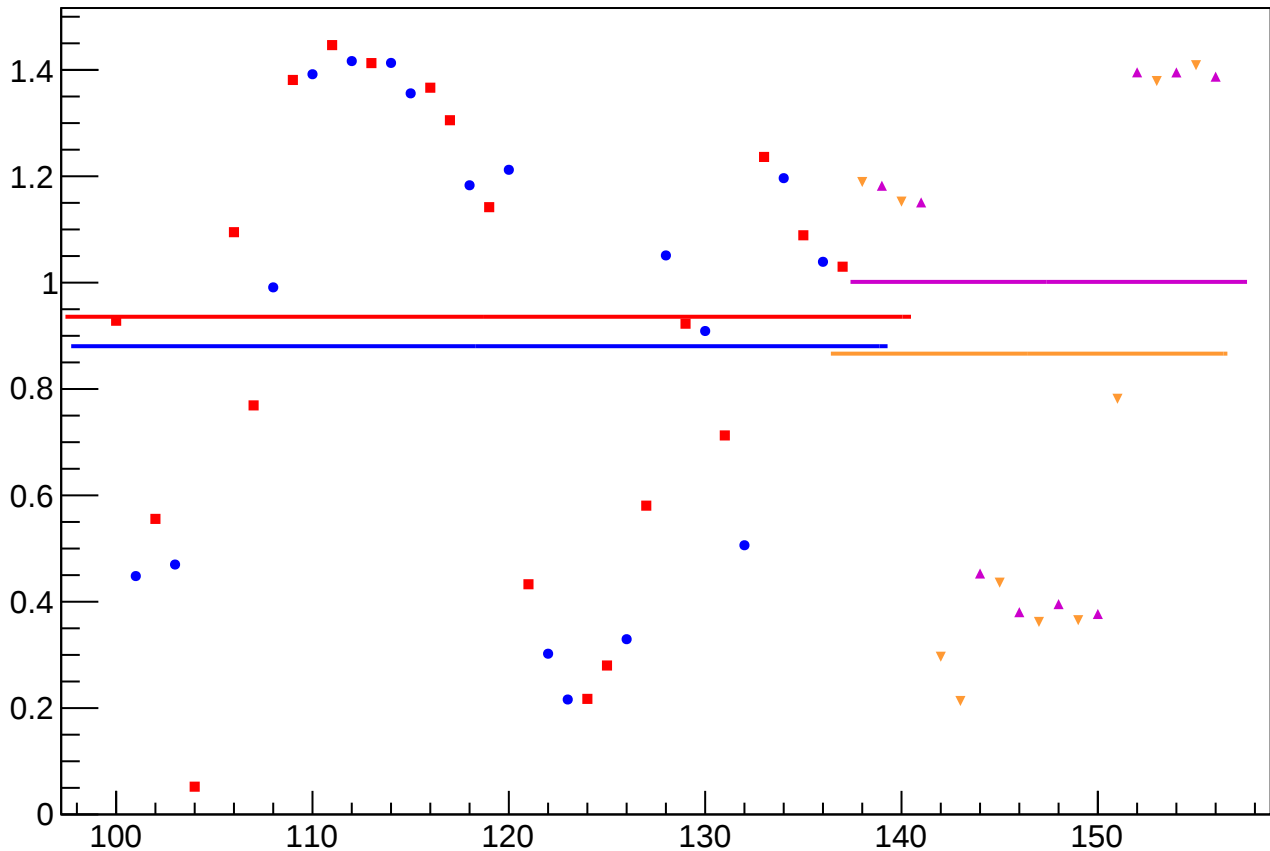
Left In: 0.034+/-0.000 χ^2/NDF : 544517.0/8

0.033+/-0.000 χ^2/NDF : 581838.7/26

0.034+/-0.000 χ^2/NDF : 1451679.0/55

0.035+/-0.000 χ^2/NDF : 828388.7/28

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.880 $\pm$ 0.000 χ^2 /NDF: 6400108121.4/16

Left Out: 0.866 $\pm$ 0.000 χ^2 /NDF:17850340470.9/9

Right Out: 0.936 $\pm$ 0.000 χ^2 /NDF: 9851303698.9/19

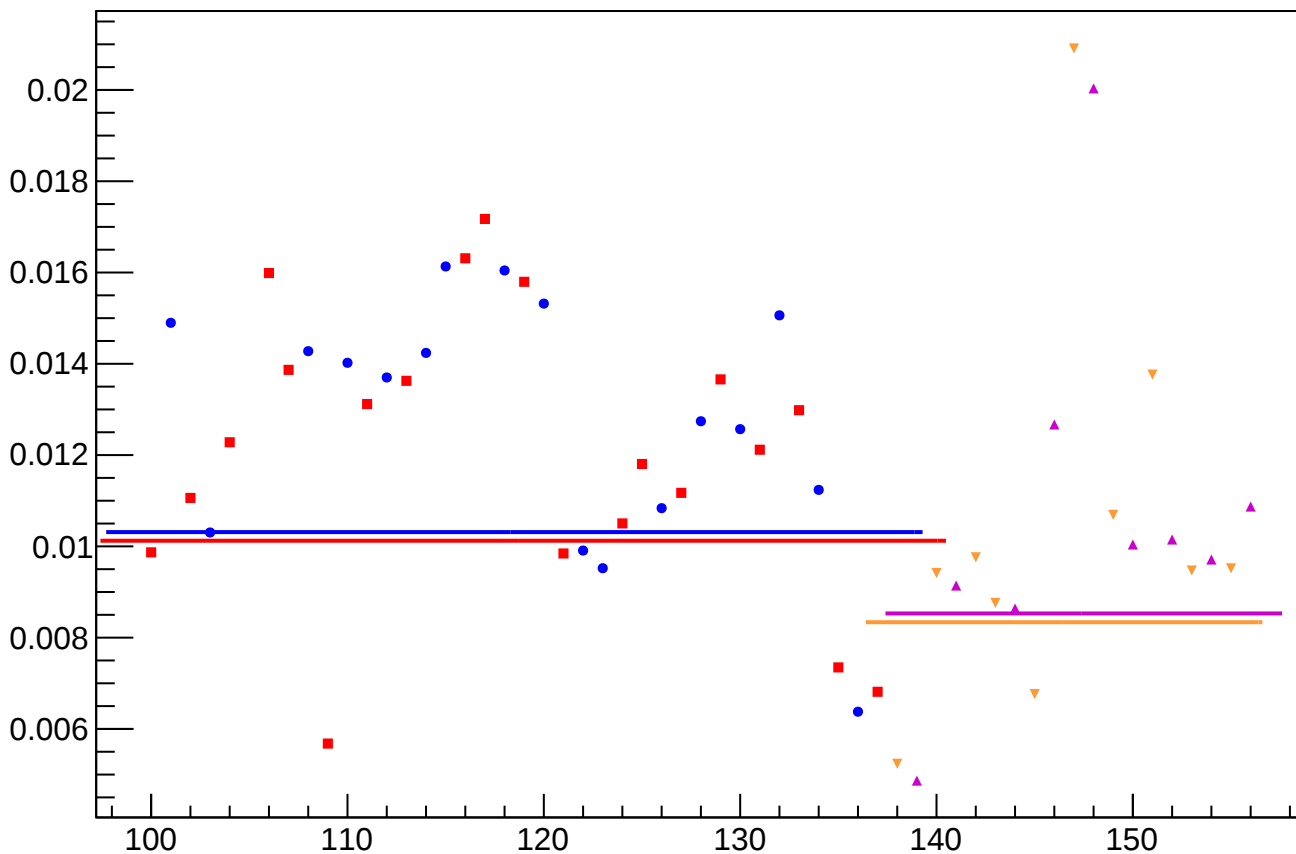
Left In: 1.001 $\pm$ 0.000 χ^2 /NDF:13664920279.7/8

0.872 $\pm$ 0.000 χ^2 /NDF: 24256934642.5/26

0.923 $\pm$ 0.000 χ^2 /NDF: 48679642964.8/5

0.975 $\pm$ 0.000 χ^2 /NDF: 23663319270.7/28

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 : 1459372.5/9

Right Out: 0.010+/-0.000 χ^2/NDF : 1191429.9/19

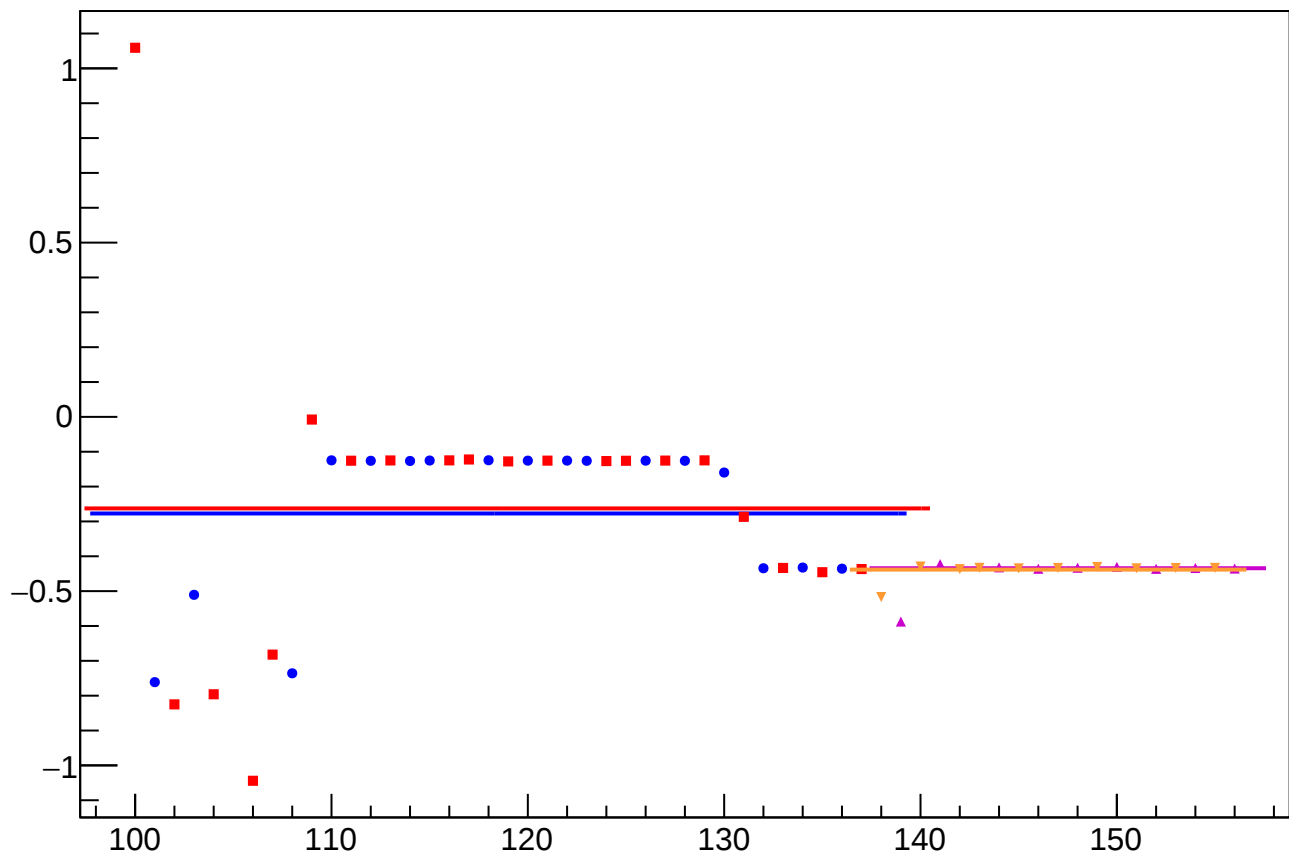
Left In: 0.009+/-0.000 χ^2/NDF : 1552845.6/8

0.009+/-0.000 χ^2/NDF : 2949012.0/26

0.009+/-0.000 χ^2/NDF : 5868447.9/55

0.009+/-0.000 χ^2/NDF : 2918013.6/28

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.277+/-0.000 χ^2/NDF : 940562986.7/16

Left Out: -0.438+/-0.000 χ^2/NDF : 24135514.5/9

Right Out: -0.263+/-0.000 χ^2/NDF : 1009303829.9/19

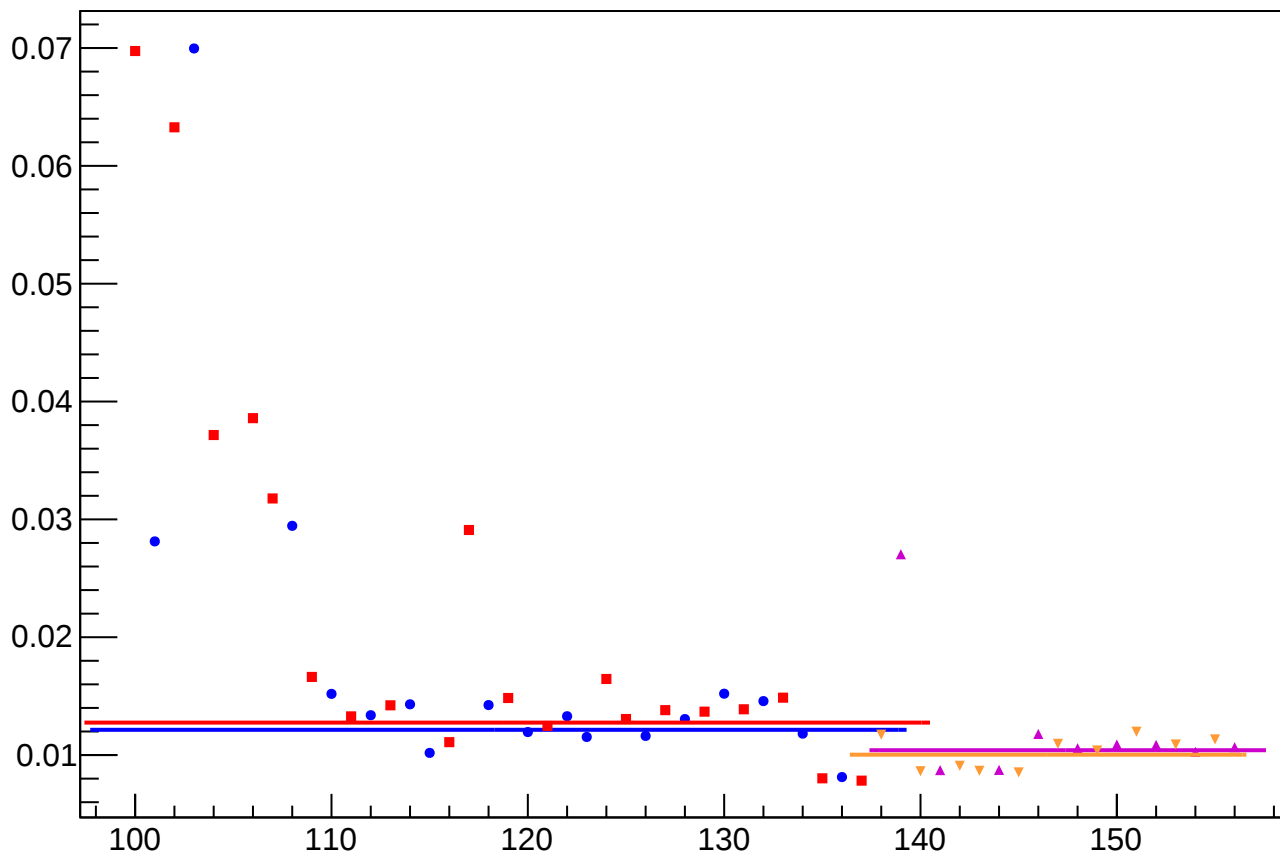
Left In: -0.434+/-0.000 χ^2/NDF : 22686581.1/8

-0.381+/-0.000 χ^2/NDF : 1501428432.3/26

-0.377+/-0.000 χ^2/NDF : 3103890080.4/5

-0.373+/-0.000 χ^2/NDF : 1599434857.4/28

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 : 195192.4/9

Right Out: 0.013+/-0.000 χ^2/NDF : 1993726.2/19

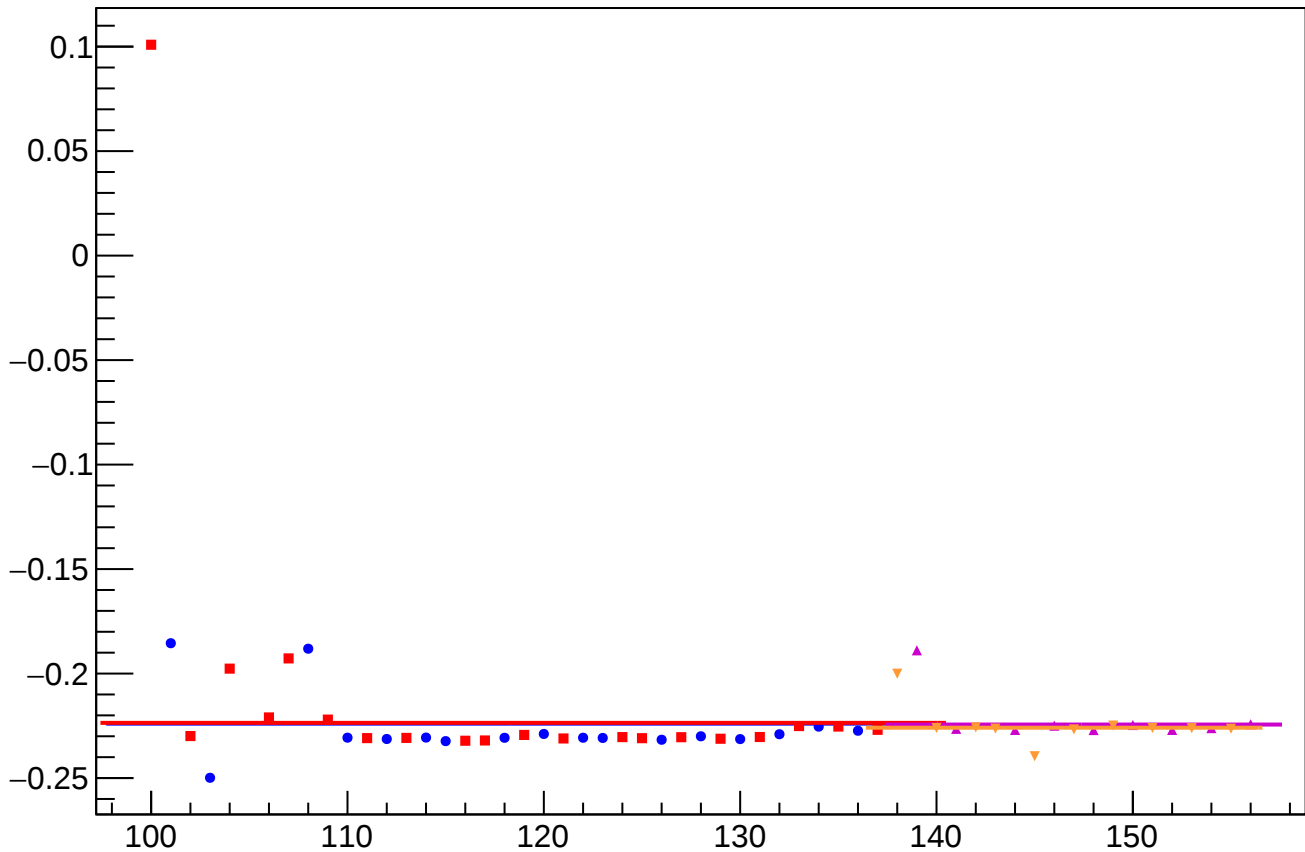
Left In: 0.010+/-0.000 χ^2/NDF : 624559.7/8

0.011+/-0.000 χ^2/NDF : 2107173.6/26

0.011+/-0.000 χ^2/NDF : 4956411.4/55

0.011+/-0.000 χ^2/NDF : 2830036.4/28

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 : 20522935.8/9

Right Out: -0.224+/-0.000 χ^2/NDF : 168231258.4/19

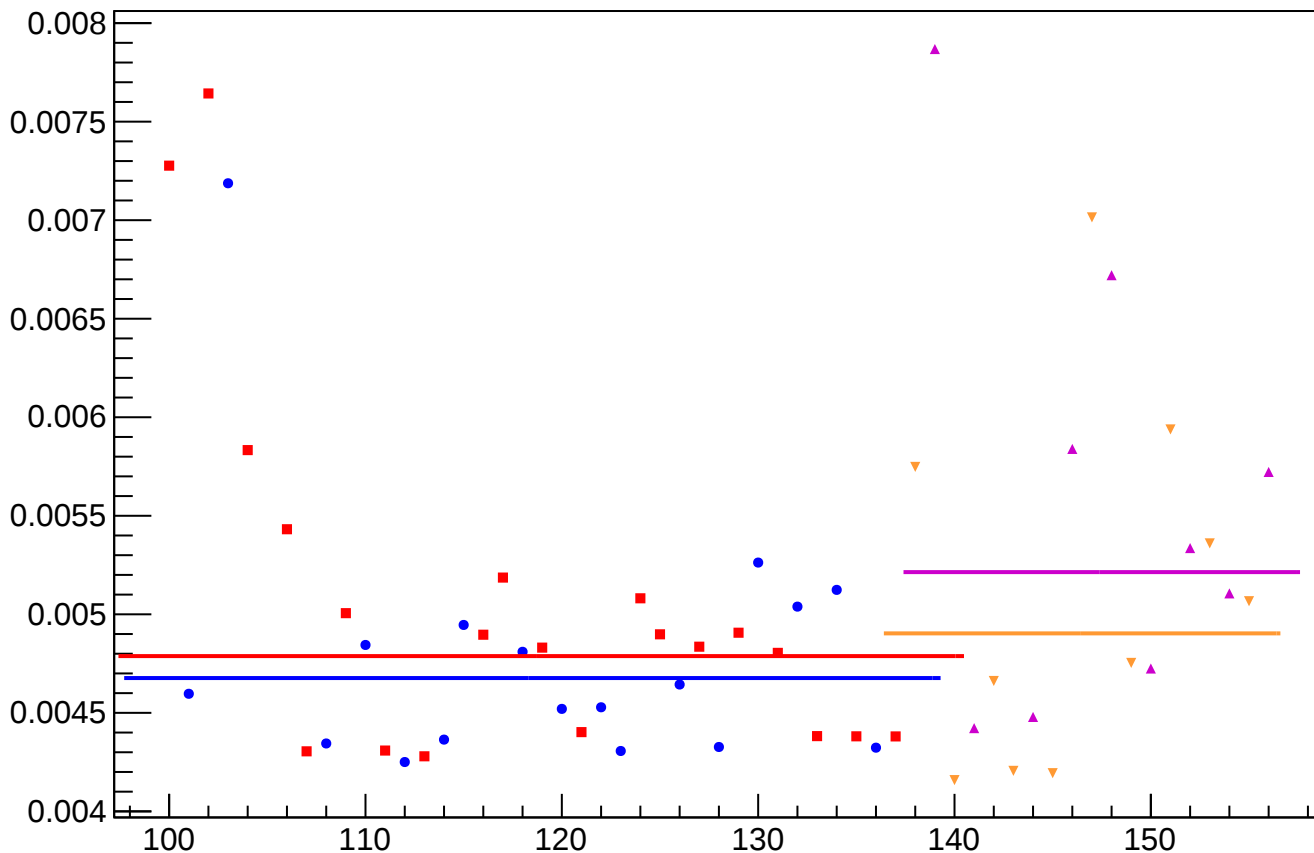
Left In: -0.224+/-0.000 χ^2/NDF : 13917589.2/8

-0.225+/-0.000 χ^2/NDF : 95763457.9/26

-0.224+/-0.000 χ^2/NDF : 278249853.5/55

-0.224+/-0.000 χ^2/NDF : 182233525.8/28

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 : 346769.2/9

Right Out: 0.005+/-0.000 χ^2/NDF : 248668.3/19

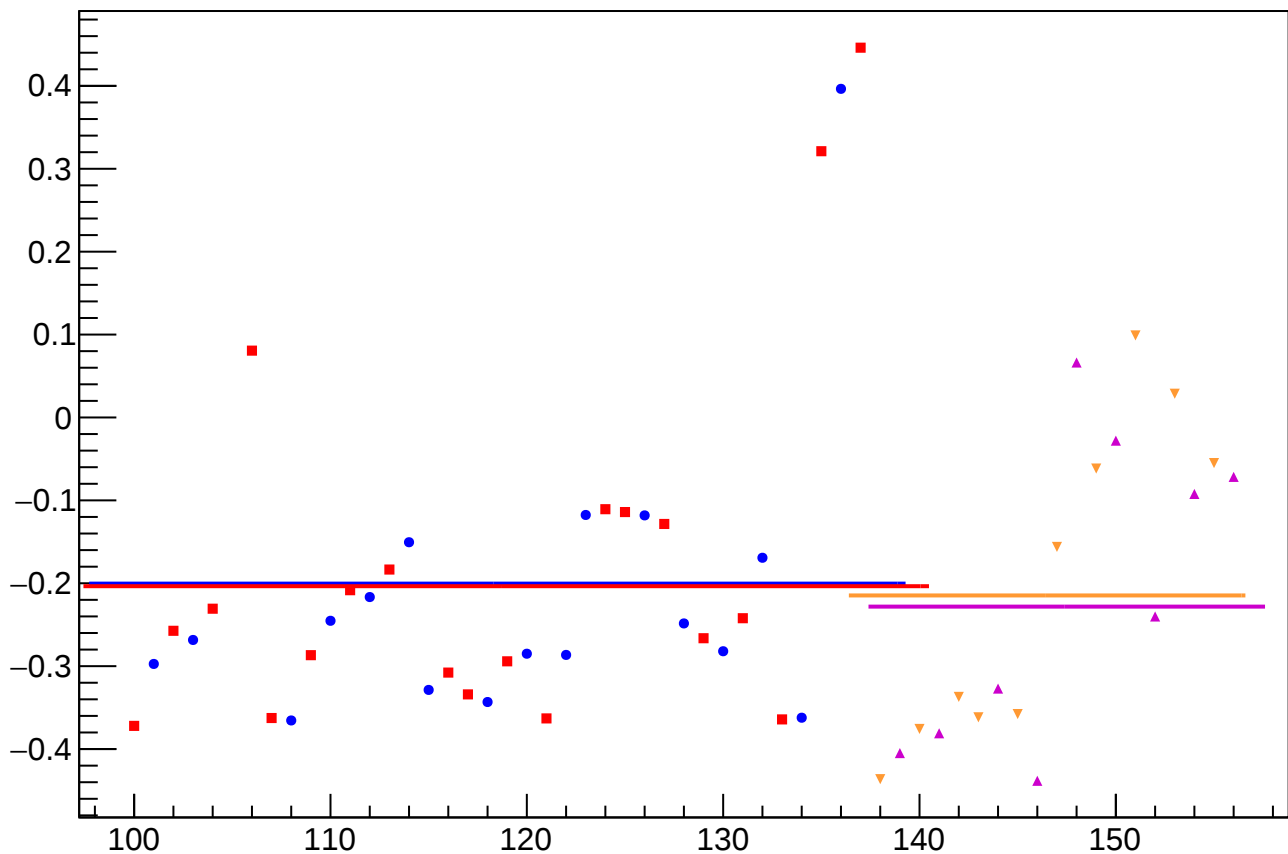
Left In: 0.005+/-0.000 χ^2/NDF : 362282.7/8

0.005+/-0.000 χ^2/NDF : 542348.0/26

0.005+/-0.000 χ^2/NDF : 1221905.6/55

0.005+/-0.000 χ^2/NDF : 658617.5/28

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.200 ± 0.000 χ^2/NDF : 5973556486.0/16

Left Out: -0.215 ± 0.000 χ^2/NDF : 8275984831.5/9

Right Out: -0.204 ± 0.000 χ^2/NDF : 5045878528.0/19

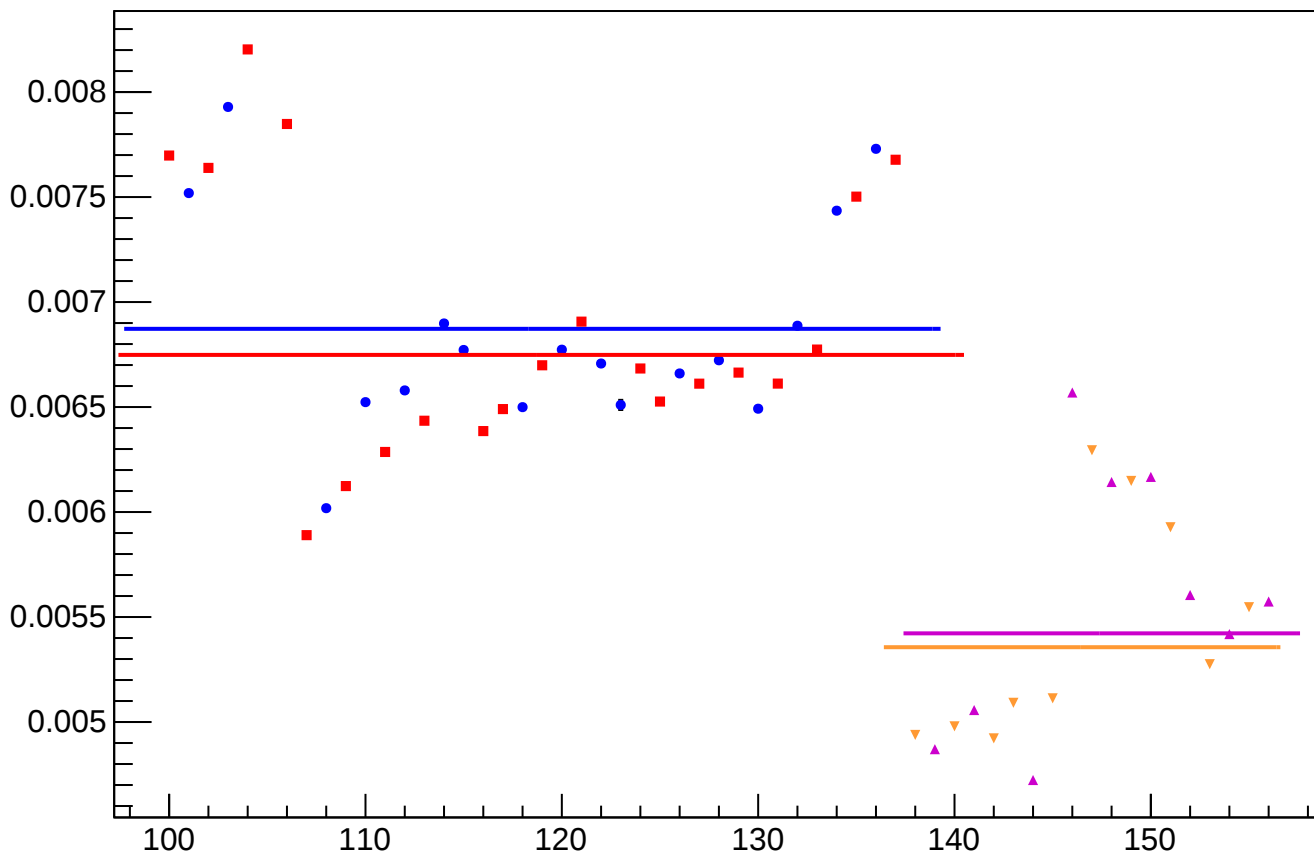
Left In: -0.228 ± 0.000 χ^2/NDF : 6068829563.8/8

-0.209 ± 0.000 χ^2/NDF : 14267301338.1/26

-0.214 ± 0.000 χ^2/NDF : 25451616874.4/5

-0.218 ± 0.000 χ^2/NDF : 11169661975.1/28

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: 99357.1/9

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 105262.1/19

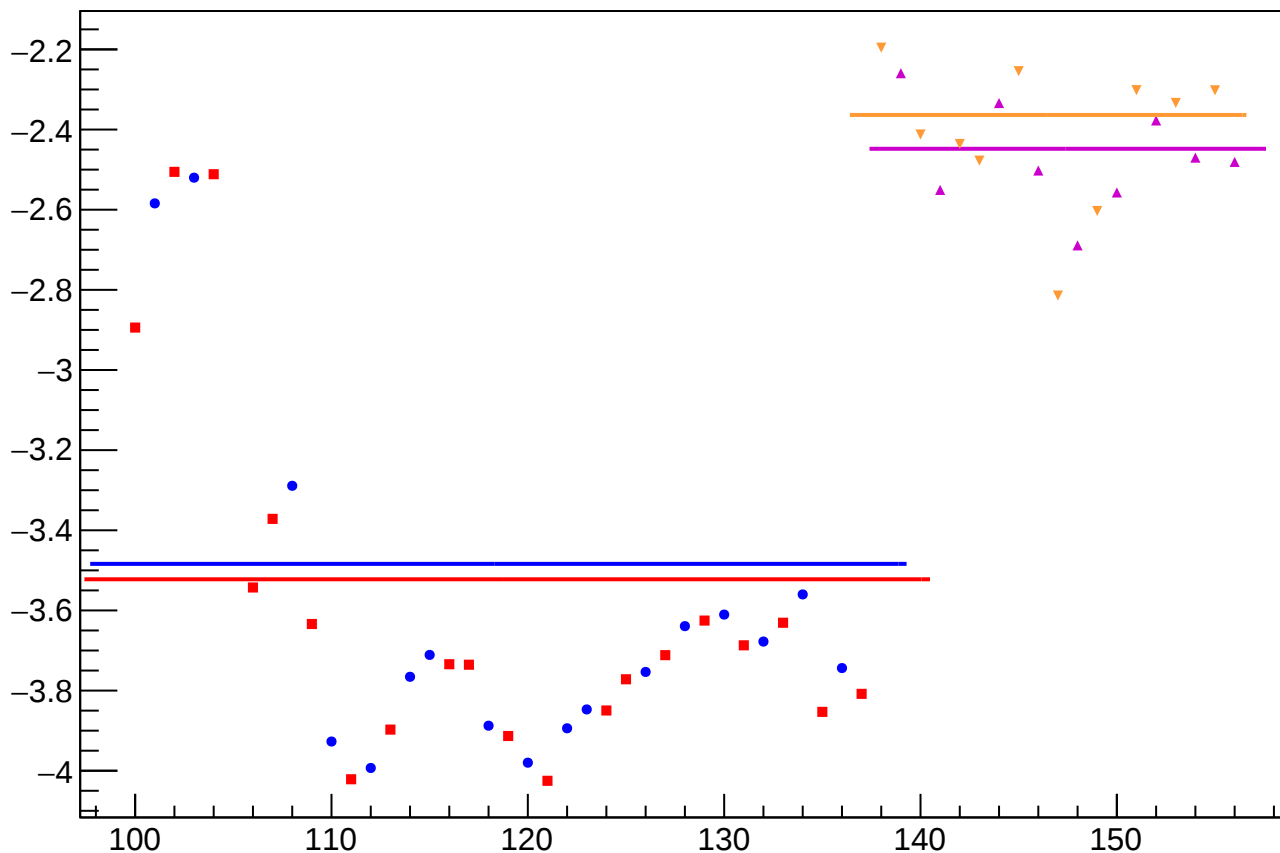
Left In: 0.005 $\pm$ 0.000 χ^2 /NDF: 142680.9/8

0.006 $\pm$ 0.000 χ^2 /NDF: 579796.3/26

0.006 $\pm$ 0.000 χ^2 /NDF: 1147052.3/55

0.006 $\pm$ 0.000 χ^2 /NDF: 566702.8/28

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.484+/-0.000 χ^2/NDF : 27174302276.9/16

Left Out: -2.364+/-0.000 χ^2/NDF : 1459633688.4/9

Right Out: -3.522+/-0.000 χ^2/NDF : 26497611752.4/19

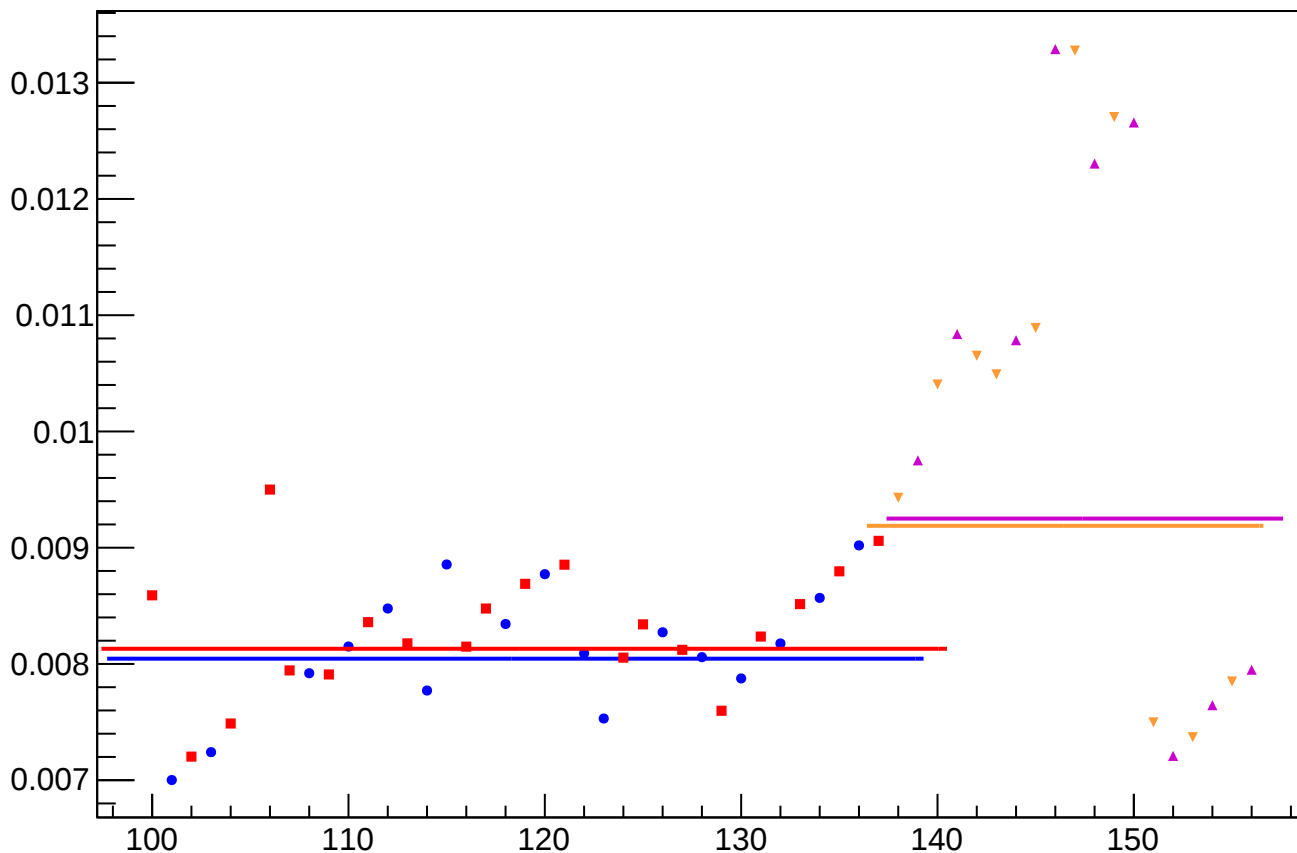
Left In: -2.448+/-0.000 χ^2/NDF : 841887049.5/8

-2.999+/-0.000 χ^2/NDF : 83209318274.4/26

-3.034+/-0.000 χ^2/NDF : 161139250385.4

-3.069+/-0.000 χ^2/NDF : 77492676461.9/28

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2/NDF : 71989.8/16

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 515732.9/9

Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 57613.2/19

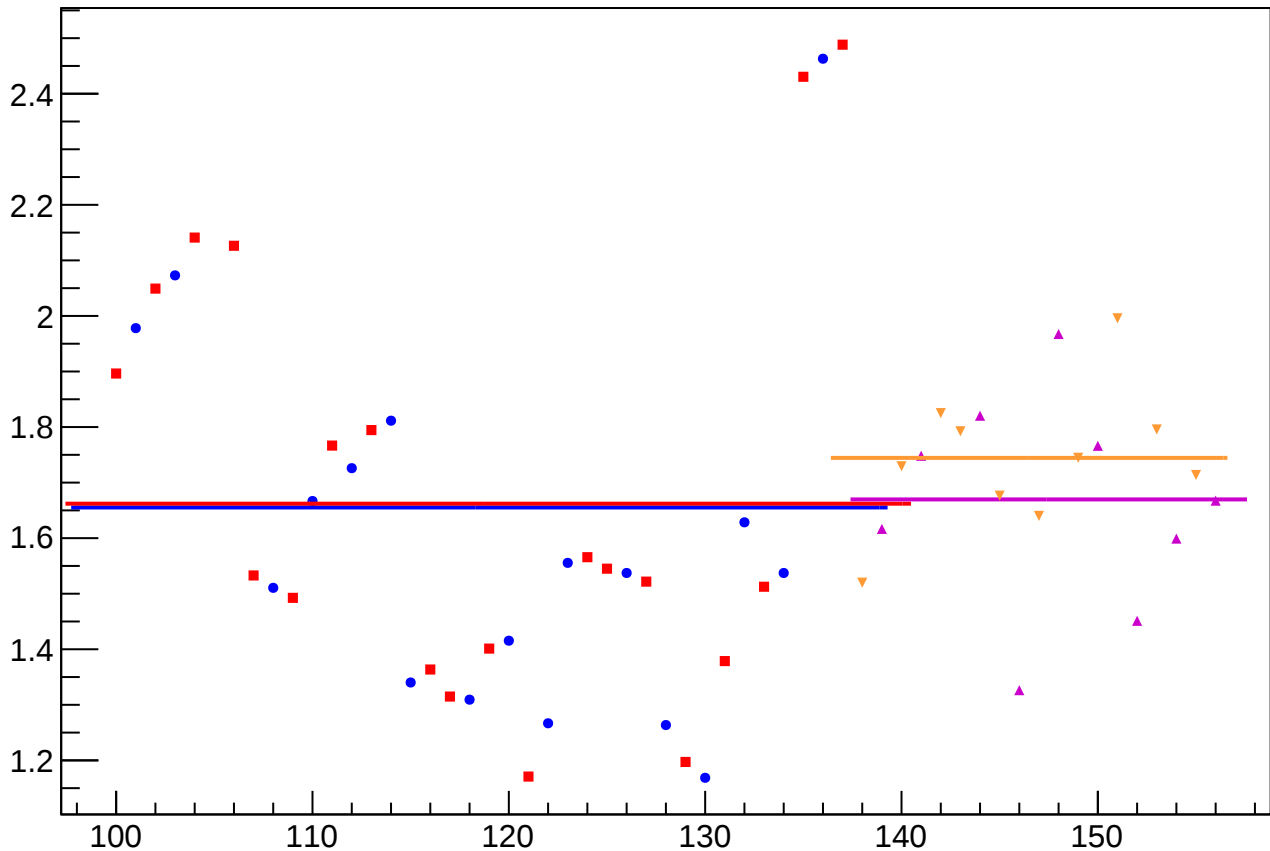
Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 616653.4/8

0.009 $\pm$ 0.000 χ^2/NDF : 701322.8/26

0.009 $\pm$ 0.000 χ^2/NDF : 1485258.7/55

0.009 $\pm$ 0.000 χ^2/NDF : 783231.1/28

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.655 $\pm$ 0.000 χ^2/NDF : 6476474909.3/16

Left Out: 1.745 $\pm$ 0.000 χ^2/NDF : 866045890.8/9

Right Out: 1.662 $\pm$ 0.000 χ^2/NDF : 5975345573.0/19

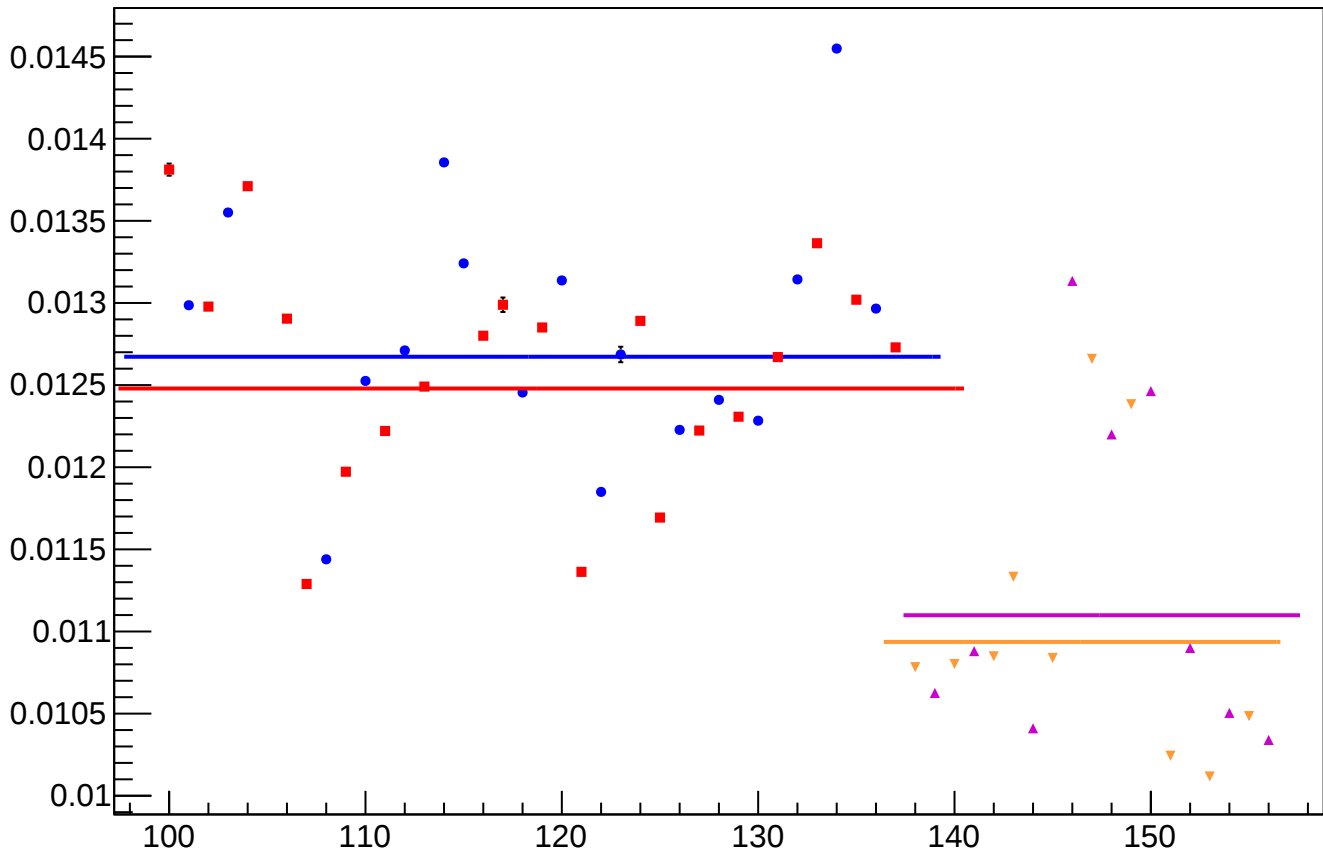
Left In: 1.670 $\pm$ 0.000 χ^2/NDF : 1524599257.7/8

1.708 $\pm$ 0.000 χ^2/NDF : 7533721580.2/26

1.687 $\pm$ 0.000 χ^2/NDF : 15120140723.6/5

1.666 $\pm$ 0.000 χ^2/NDF : 7501391925.4/28

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013 ± 0.000 χ^2/NDF : 31801.3/16

Left Out: 0.011 ± 0.000 χ^2/NDF : 68547.4/9

Right Out: 0.012 ± 0.000 χ^2/NDF : 39268.9/19

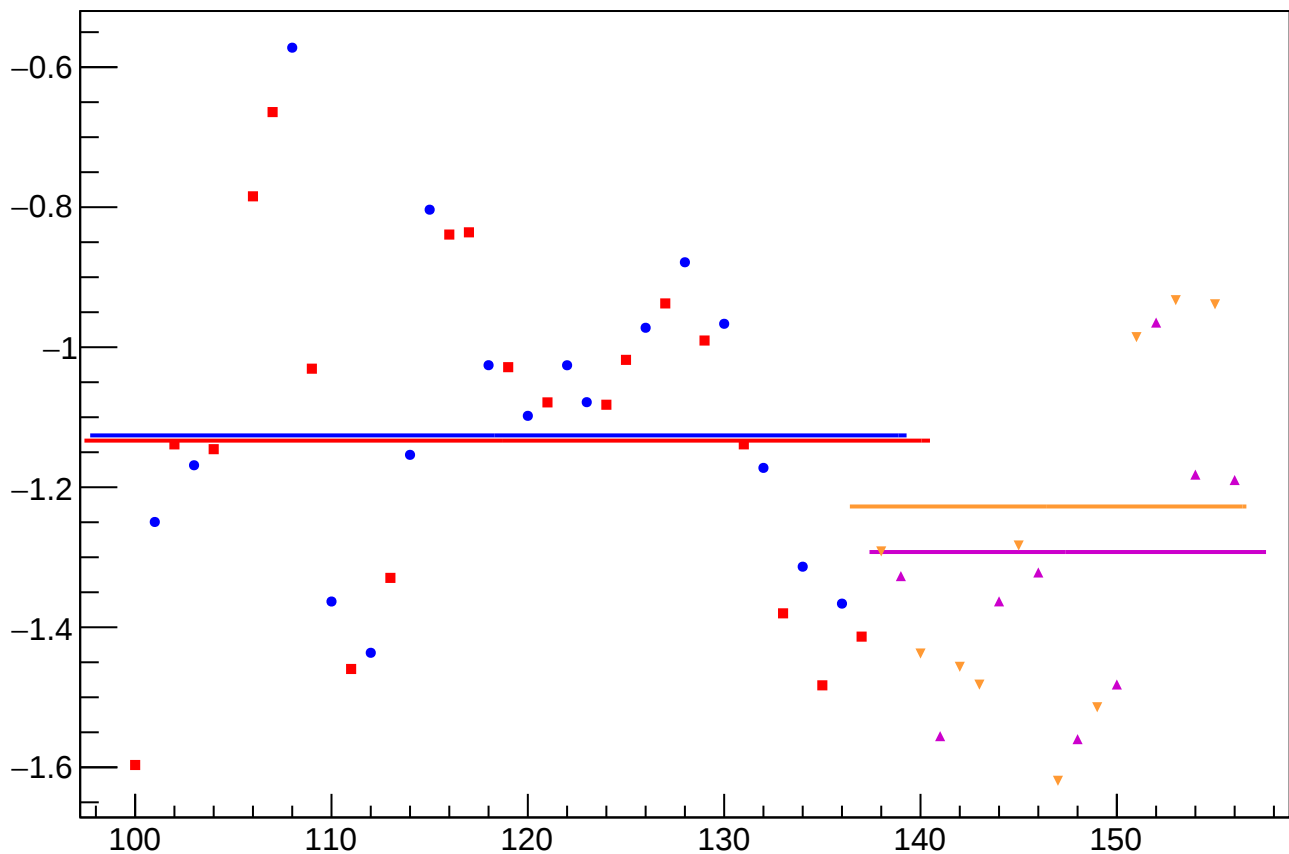
Left In: 0.011 ± 0.000 χ^2/NDF : 88598.3/8

0.012 ± 0.000 χ^2/NDF : 244943.9/26

0.012 ± 0.000 χ^2/NDF : 467130.3/55

0.012 ± 0.000 χ^2/NDF : 221811.4/28

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.126+/-0.000 χ^2/NDF : 3574776639.2/16

Left Out: -1.227+/-0.000 χ^2/NDF : 5855167528.1/9

Right Out: -1.133+/-0.000 χ^2/NDF : 3706528266.7/19

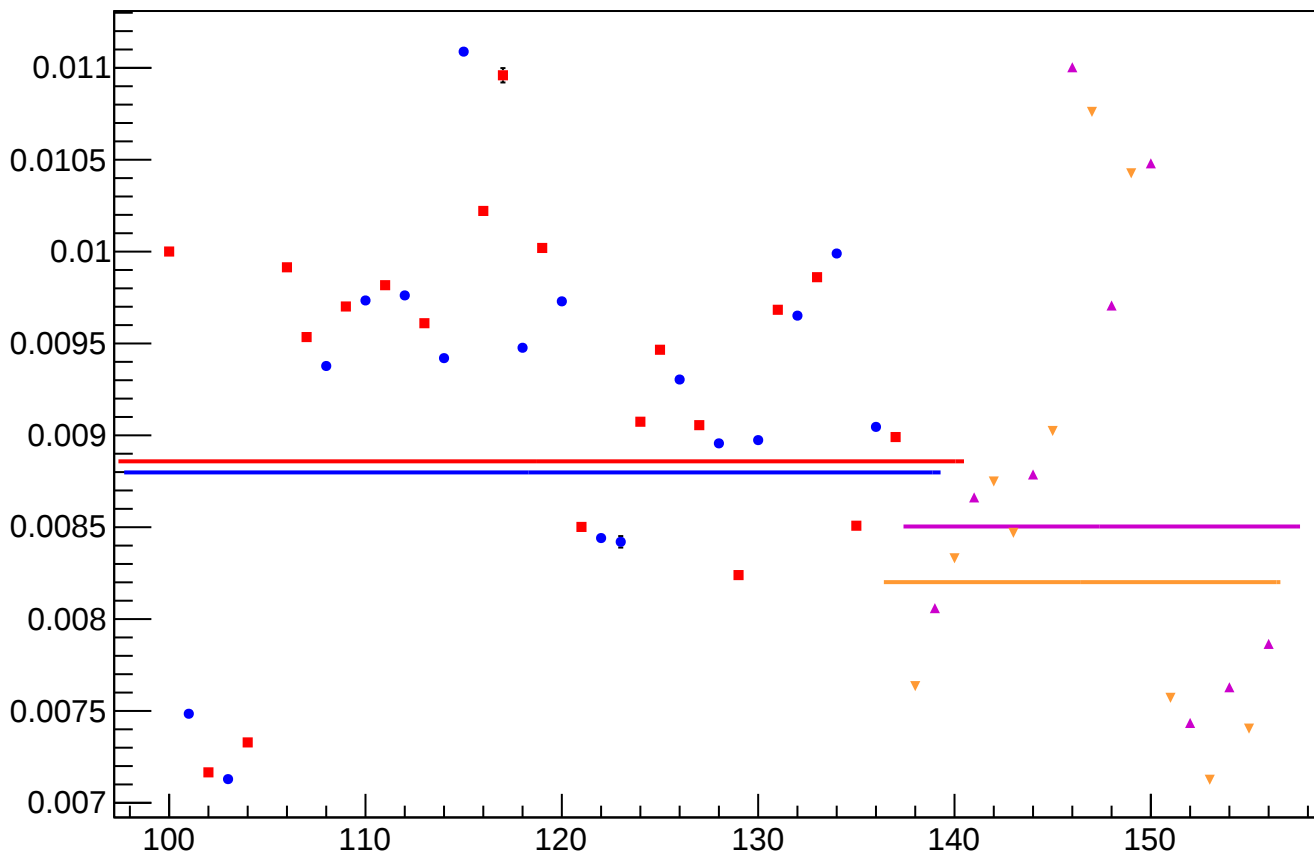
Left In: -1.293+/-0.000 χ^2/NDF : 3381757141.3/8

-1.181+/-0.000 χ^2/NDF : 9888788922.5/26

-1.198+/-0.000 χ^2/NDF : 18194665455.0/5

-1.216+/-0.000 χ^2/NDF : 8198229503.2/28

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 151586.8/16

Left Out: 0.008+/-0.000 χ^2/NDF :215768.7/9

Right Out: 0.009+/-0.000 χ^2/NDF : 176858.0/19

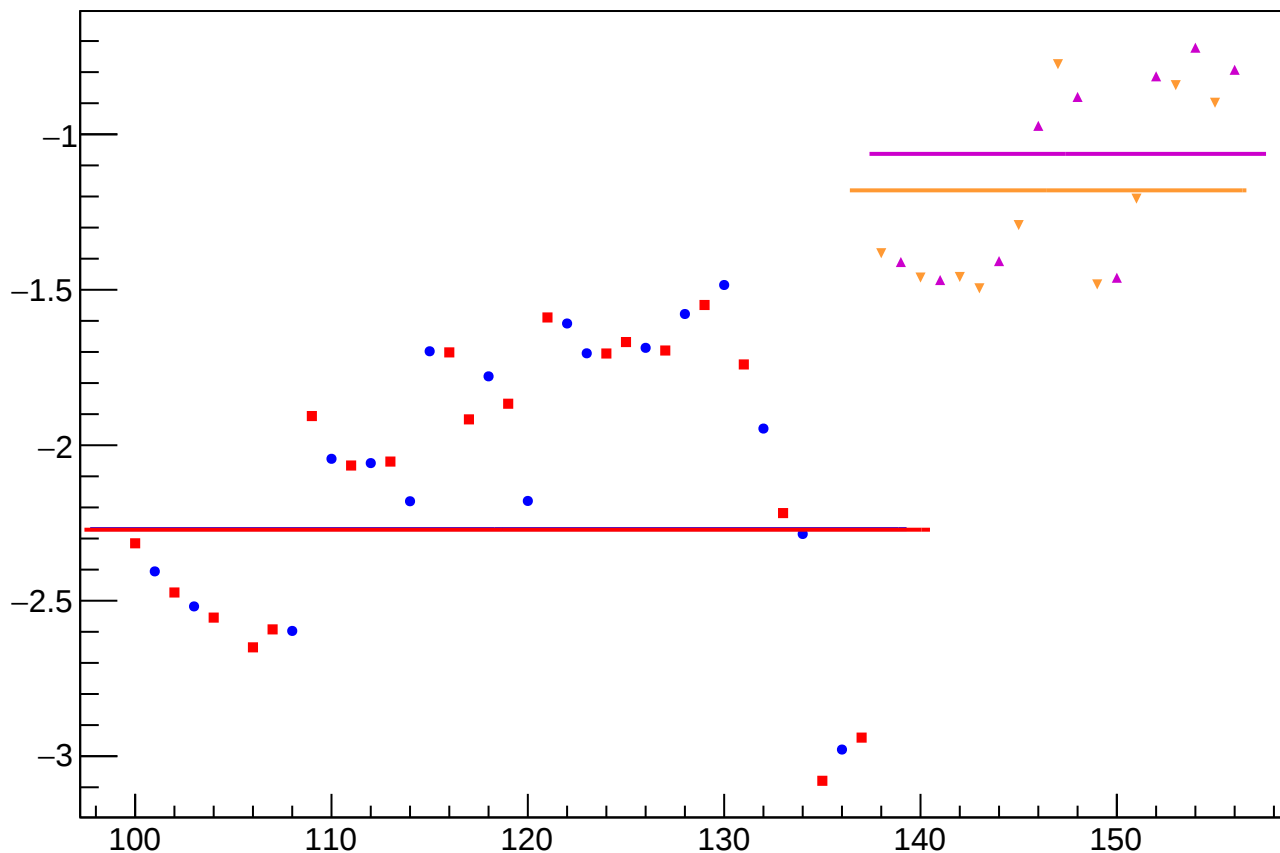
Left In: 0.009+/-0.000 χ^2/NDF :205897.6/8

0.008+/-0.000 χ^2/NDF : 399091.7/26

0.009+/-0.000 χ^2/NDF : 799938.9/55

0.009+/-0.000 χ^2/NDF : 393780.5/28

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.270 $\pm$ 0.000 χ^2/NDF : 17408567065.9/16

Left Out: -1.180 $\pm$ 0.000 χ^2/NDF : 10404624939.6/9

Right Out: -2.272 $\pm$ 0.000 χ^2/NDF : 19012236430.2/19

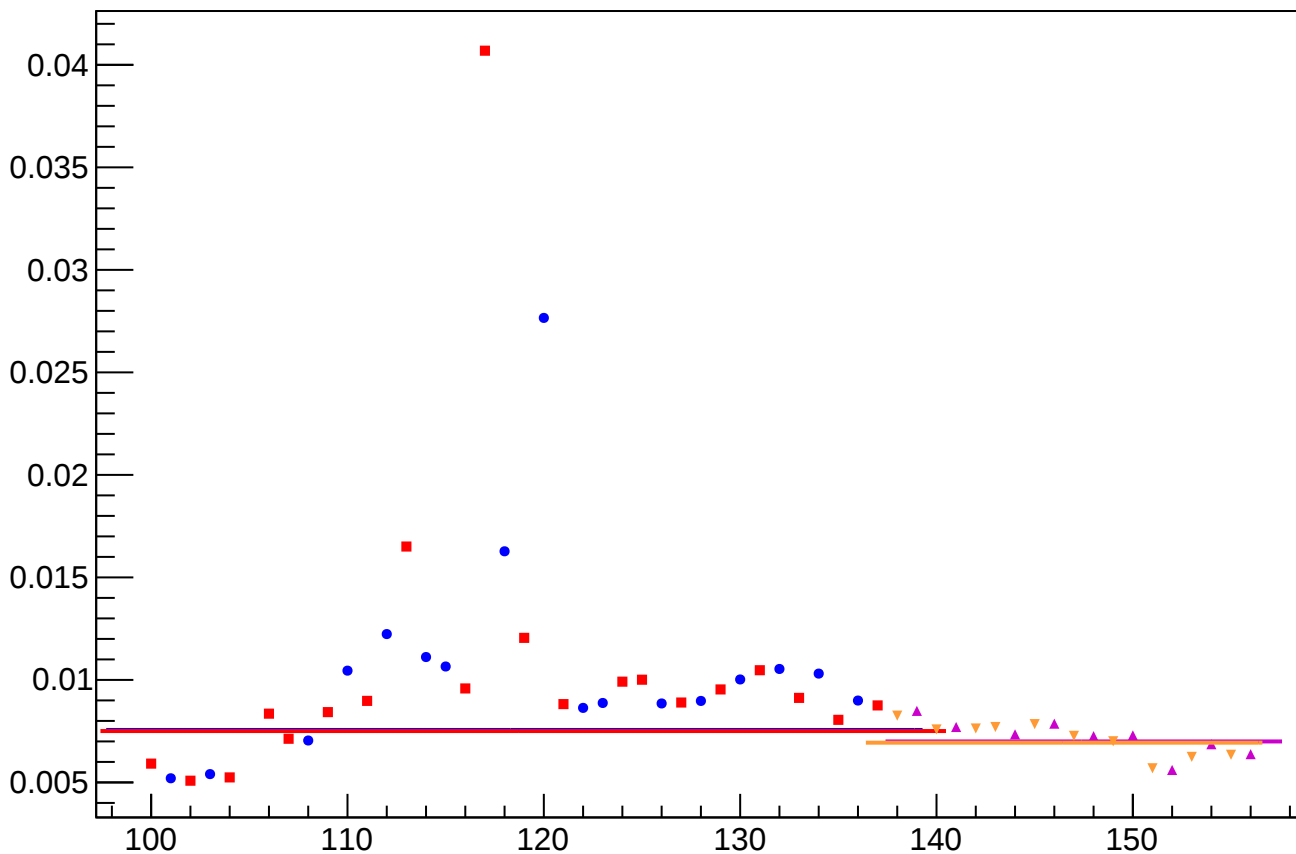
Left In: -1.063 $\pm$ 0.000 χ^2/NDF : 12763850840.6/8

-1.605 $\pm$ 0.000 χ^2/NDF : 91600722157.0/26

-1.589 $\pm$ 0.000 χ^2/NDF : 207579110428.7

-1.573 $\pm$ 0.000 χ^2/NDF : 115860287398.1/28

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 : 178811.8/9

Right Out: 0.008+/-0.000 χ^2/NDF : 984811.6/19

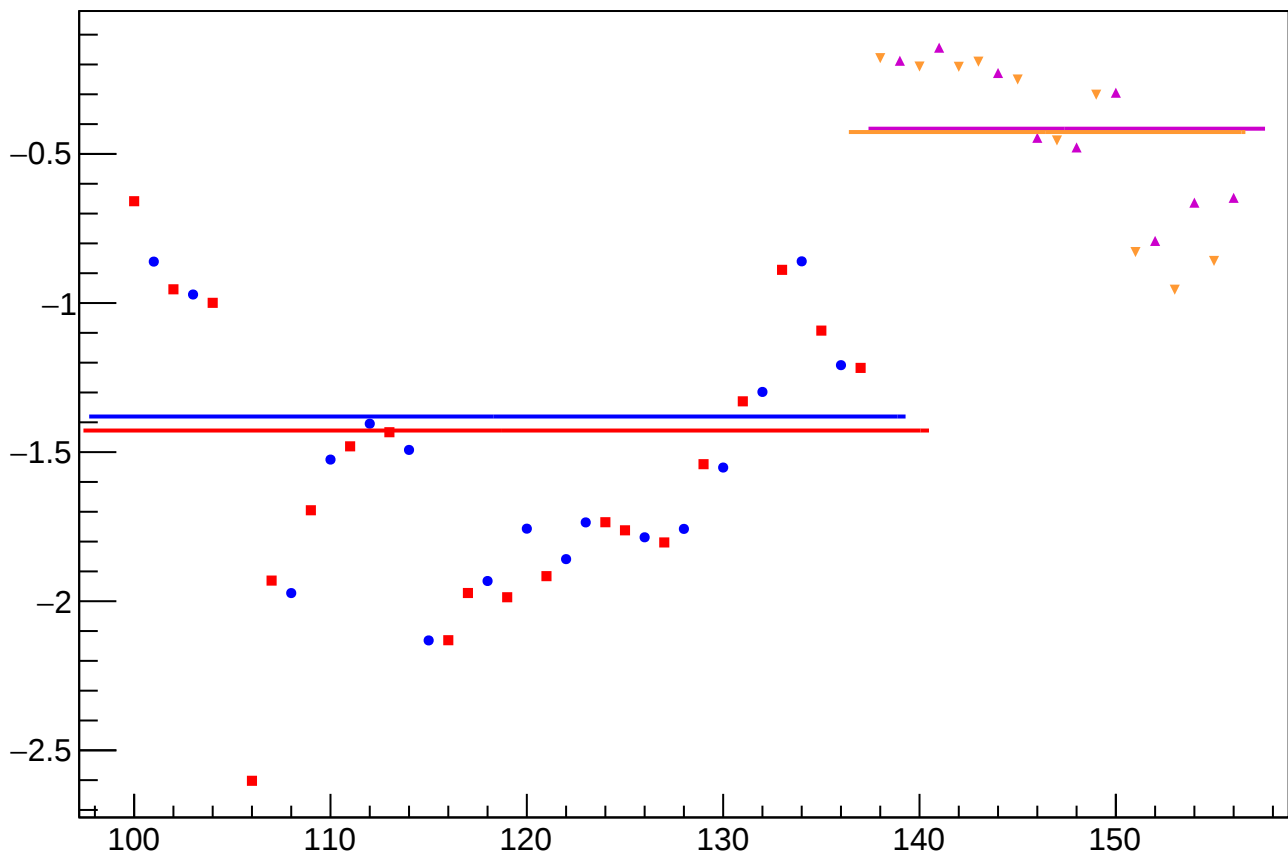
Left In: 0.007+/-0.000 χ^2/NDF : 186151.1/8

0.007+/-0.000 χ^2/NDF : 1440978.8/26

0.007+/-0.000 χ^2/NDF : 2641822.4/55

0.007+/-0.000 χ^2/NDF : 1200603.2/28

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381+/-0.000 χ^2/NDF : 20001018652.5/16

Left Out: -0.427+/-0.000 χ^2/NDF : 32363033996.4/9

-0.669+/-0.000 χ^2/NDF : 140496585972.0/26

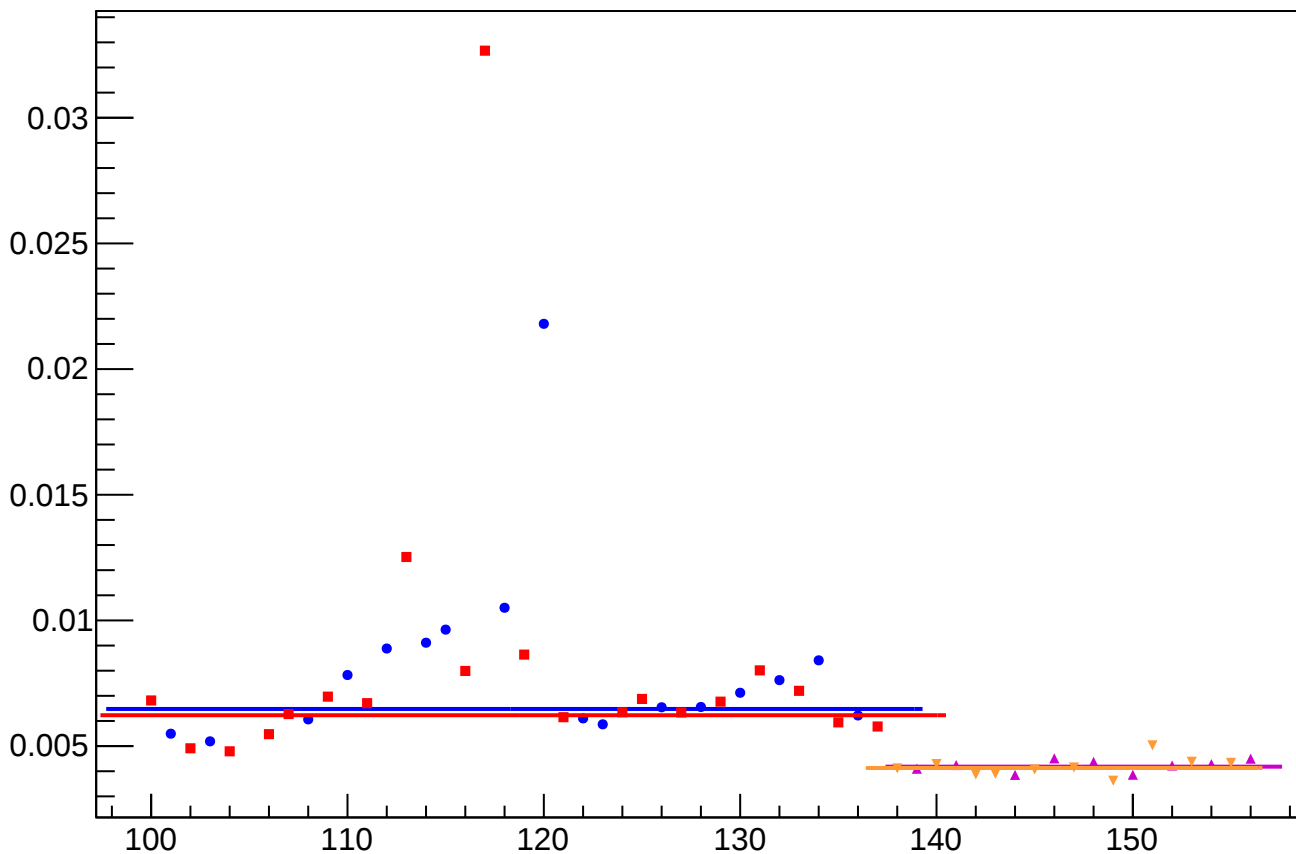
Right Out: -1.428+/-0.000 χ^2/NDF : 29626603581.6/19

-0.689+/-0.000 χ^2/NDF : 299361812557.1

-0.709+/-0.000 χ^2/NDF : 158459153869.4/28

Left In: -0.415+/-0.000 χ^2/NDF : 18258265787.2/8

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 : 82682.6/9

Right Out: 0.006+/-0.000 χ^2/NDF : 472534.6/19

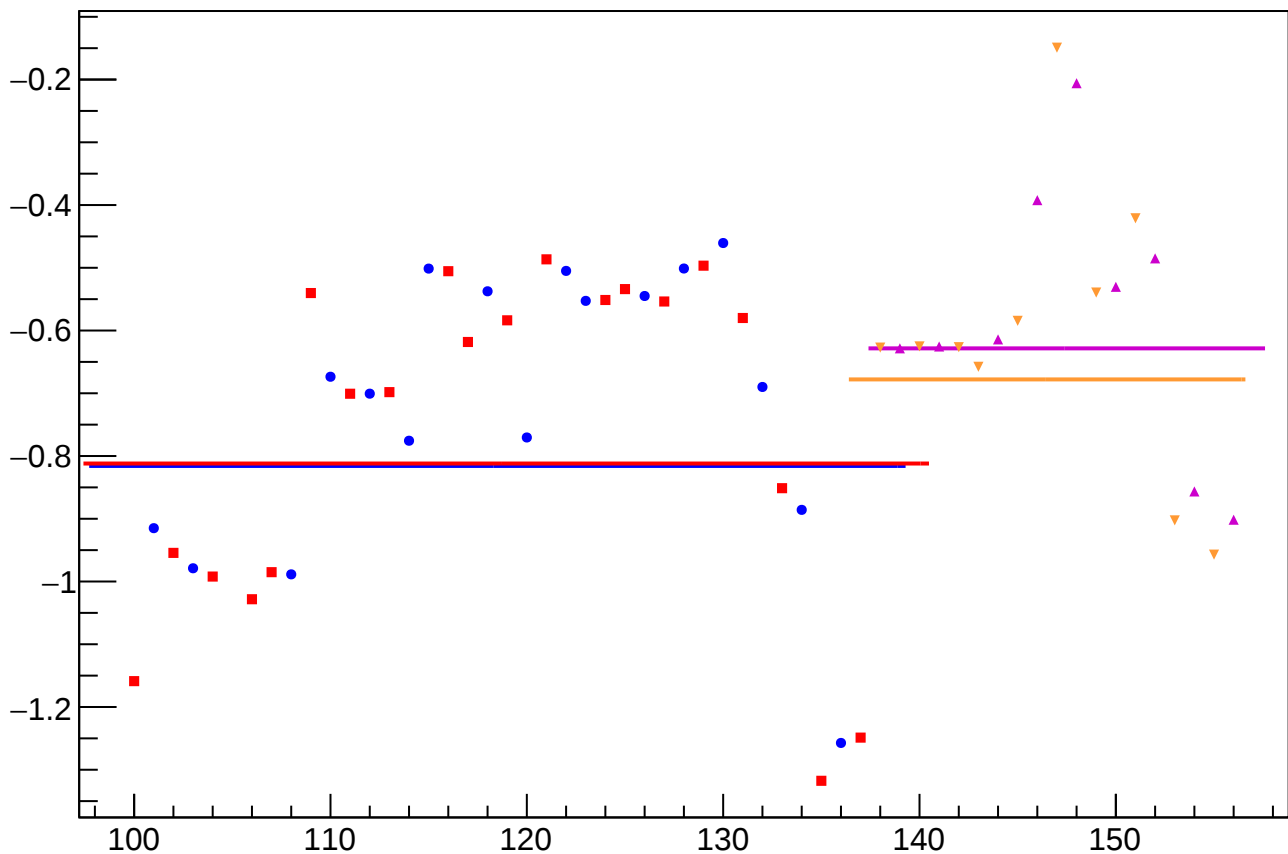
Left In: 0.004+/-0.000 χ^2/NDF : 40594.4/8

0.005+/-0.000 χ^2/NDF : 1723777.2/26

0.005+/-0.000 χ^2/NDF : 3141967.8/55

0.005+/-0.000 χ^2/NDF : 1416952.1/28

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.816+/-0.000 χ^2/NDF : 14172884795.2/16

Left Out: -0.678+/-0.000 χ^2/NDF : 16843767242.6/9

Right Out: -0.812+/-0.000 χ^2/NDF : 16818378599.3/19

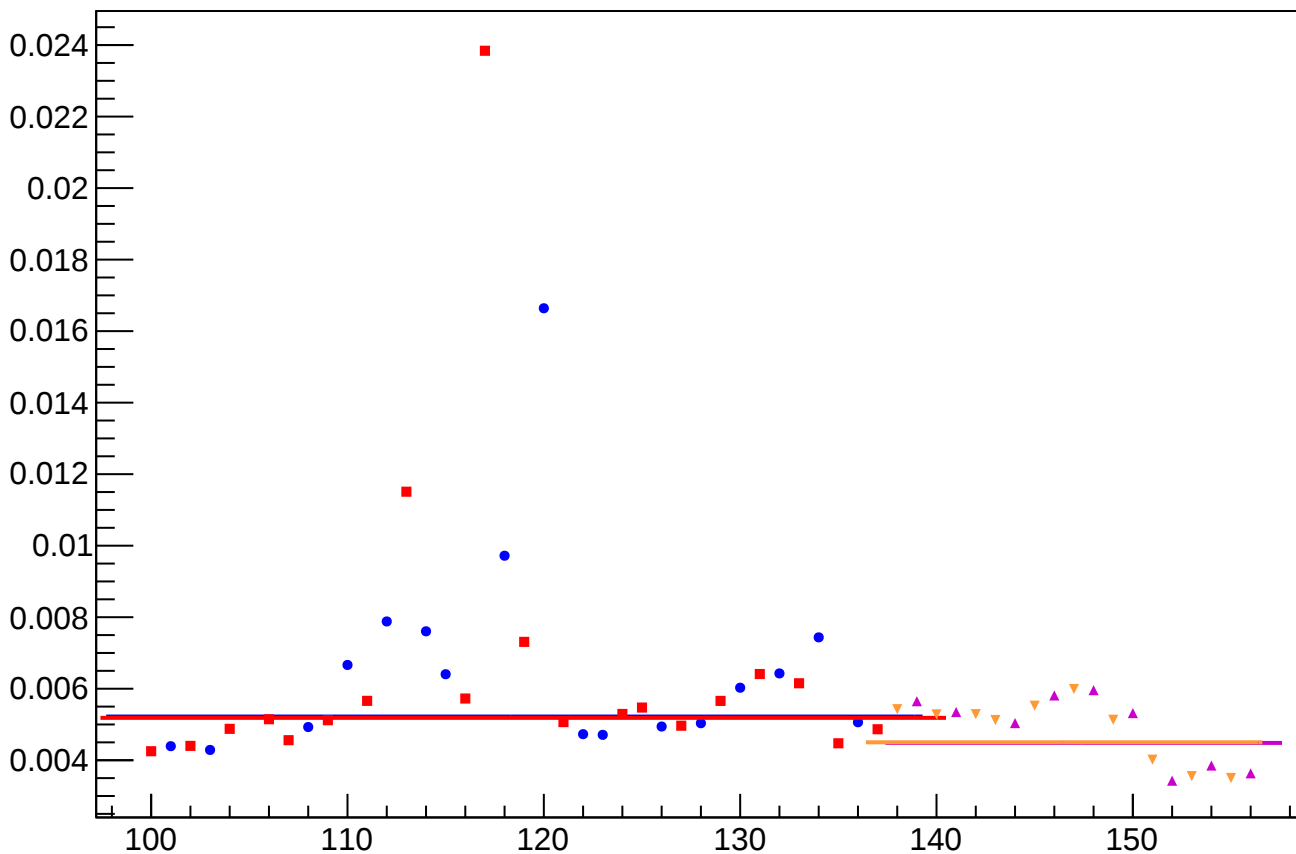
Left In: -0.628+/-0.000 χ^2/NDF : 13199905253.1/8

-0.731+/-0.000 χ^2/NDF : 33321266413.9/26

-0.717+/-0.000 χ^2/NDF : 67949296889.5/5

-0.703+/-0.000 χ^2/NDF : 34432965625.3/28

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 $\chi^2/\text{NDF}: 510543.7/9$

Right Out: 0.005+/-0.000 χ^2/NDF : 410640.5/19

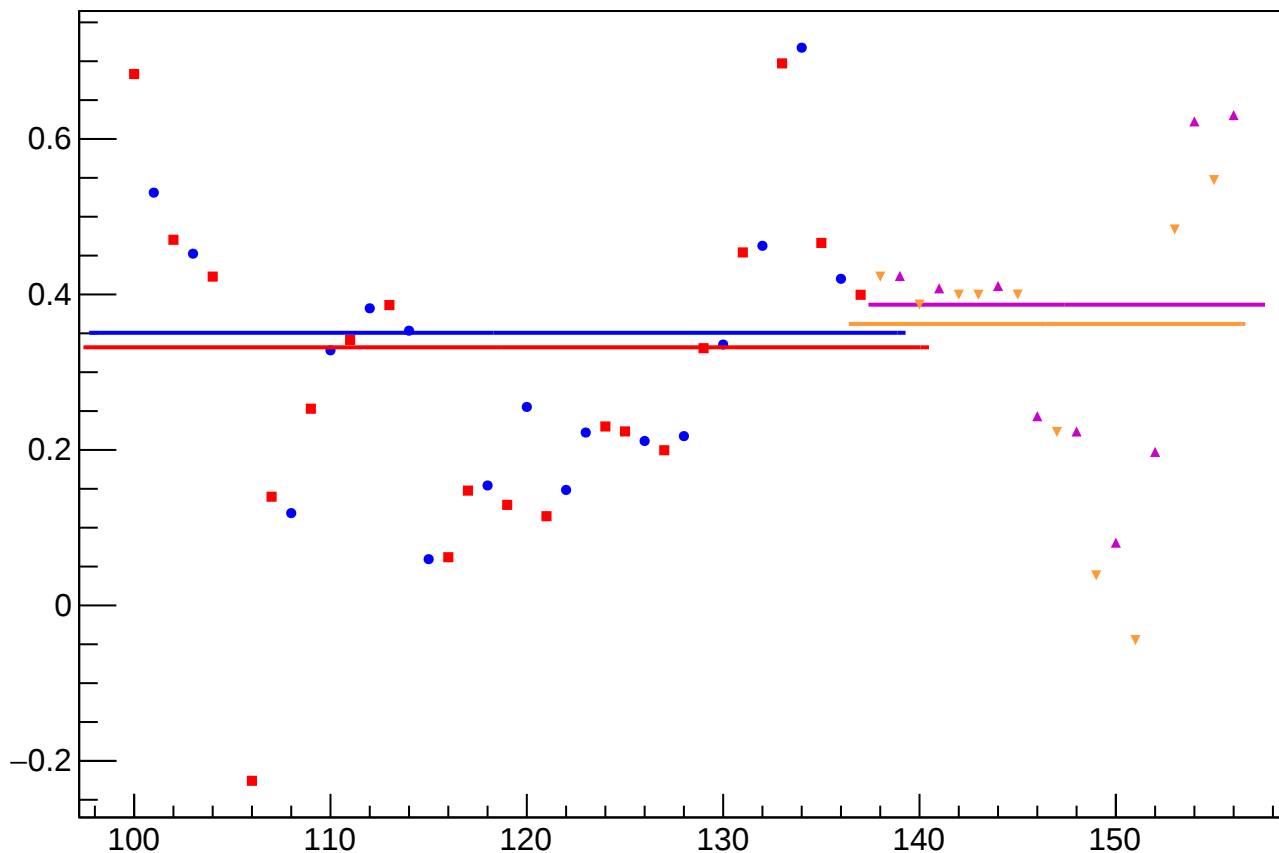
Left In: 0.004+/-0.000 χ^2/NDF :584119.1/8

0.005+/-0.000 χ^2/NDF : 1300838.3/26

0.005+/-0.000 χ^2/NDF : 2424452.7/55

0.005+/-0.000 χ^2/NDF : 1123598.5/28

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351 $\pm$ 0.000 χ^2/NDF : 7410859446.3/16

Left Out: 0.362 $\pm$ 0.000 χ^2/NDF : 14463720692.8/9

Right Out: 0.332 $\pm$ 0.000 χ^2/NDF : 11800695210.2/19

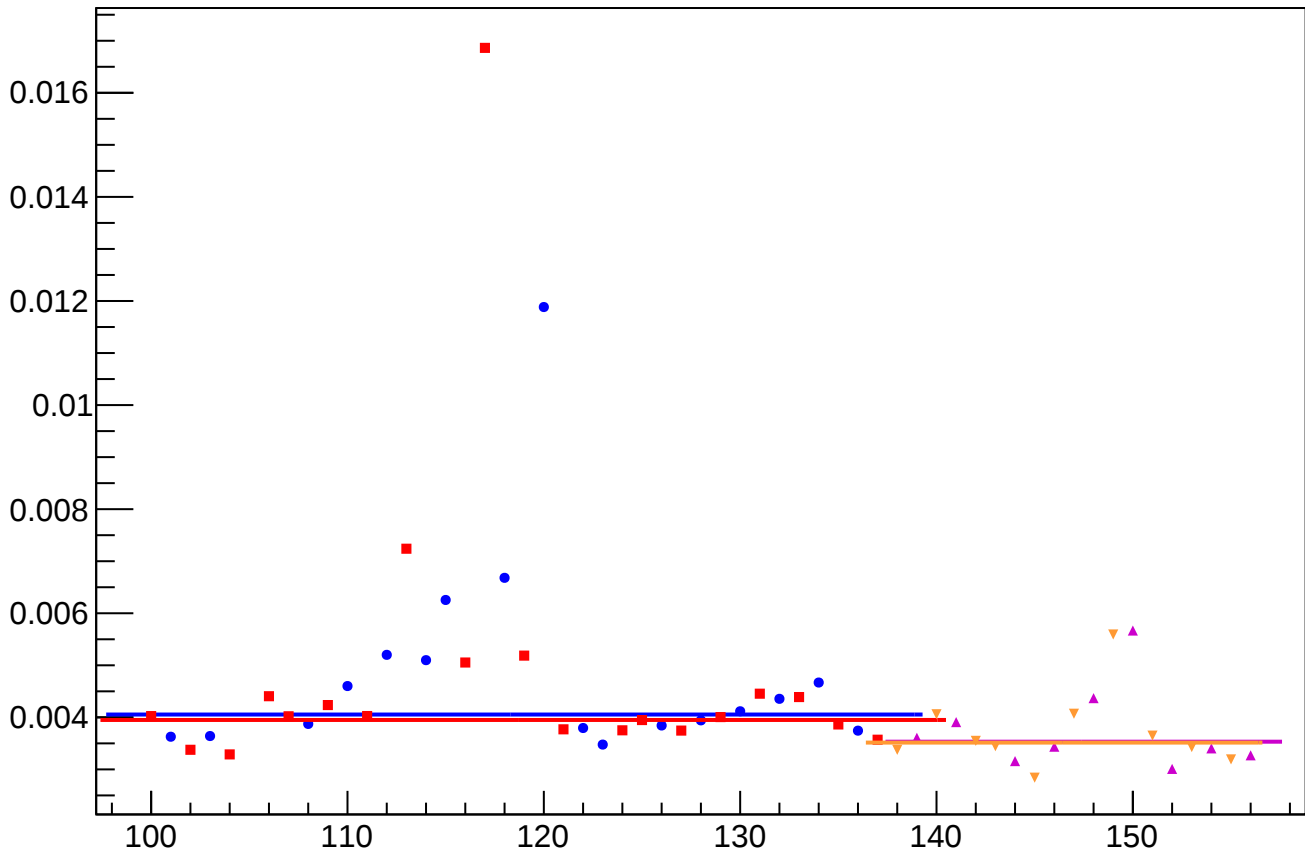
Left In: 0.387 $\pm$ 0.000 χ^2/NDF : 14938361350.7/8

0.357 $\pm$ 0.000 χ^2/NDF : 21901013301.1/26

0.360 $\pm$ 0.000 χ^2/NDF : 49308401260.3/5

0.362 $\pm$ 0.000 χ^2/NDF : 27396167242.7/28

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 :331795.5/9

Right Out: 0.004+/-0.000 χ^2/NDF : 304954.7/19

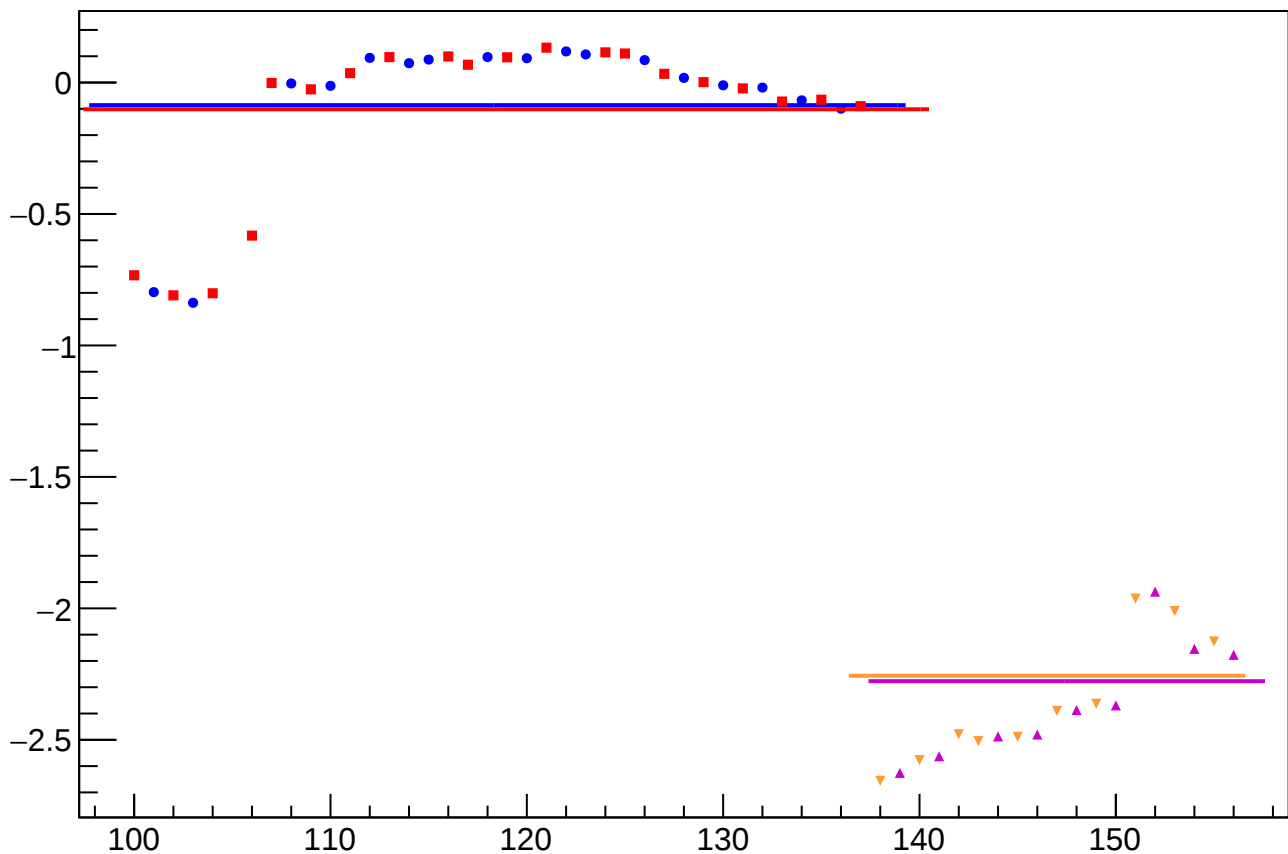
Left In: 0.004+/-0.000 χ^2/NDF :353905.4/8

0.004+/-0.000 χ^2/NDF : 905111.0/26

0.004+/-0.000 χ^2/NDF : 1640526.3/55

0.004+/-0.000 χ^2/NDF : 735053.4/28

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.000 χ^2/NDF : 4989387592.7/16

Left Out: -2.256+/-0.000 χ^2/NDF : 3151771082.5/9

Right Out: -0.102+/-0.000 χ^2/NDF : 5566142794.2/19

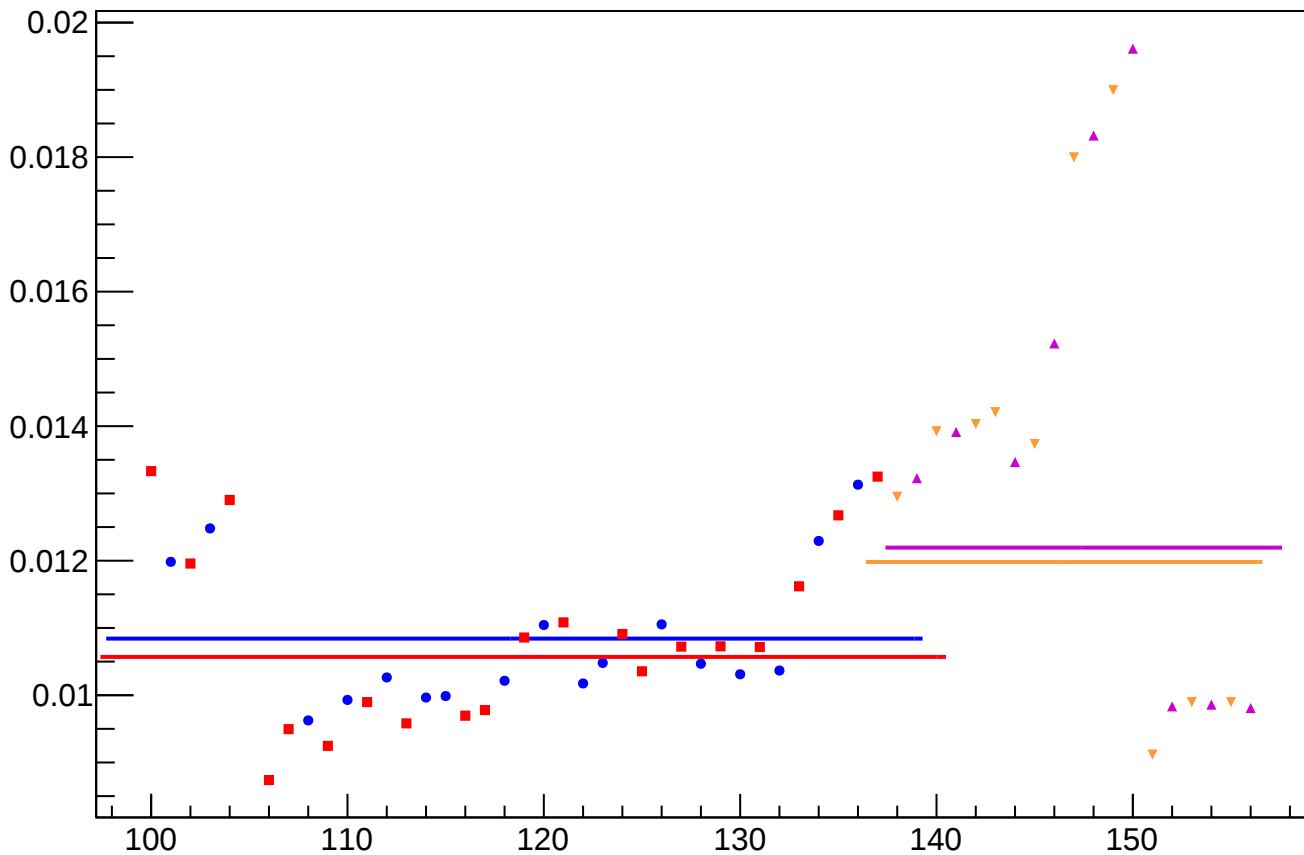
Left In: -2.277+/-0.000 χ^2/NDF : 2421650922.4/8

-1.085+/-0.000 χ^2/NDF : 130545427984.8/26

-1.052+/-0.000 χ^2/NDF : 264965993355.2

-1.020+/-0.000 χ^2/NDF : 134197850542.5/28

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 124260.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 802148.6/9

Right Out: 0.011+/-0.000 χ^2/NDF : 179537.7/19

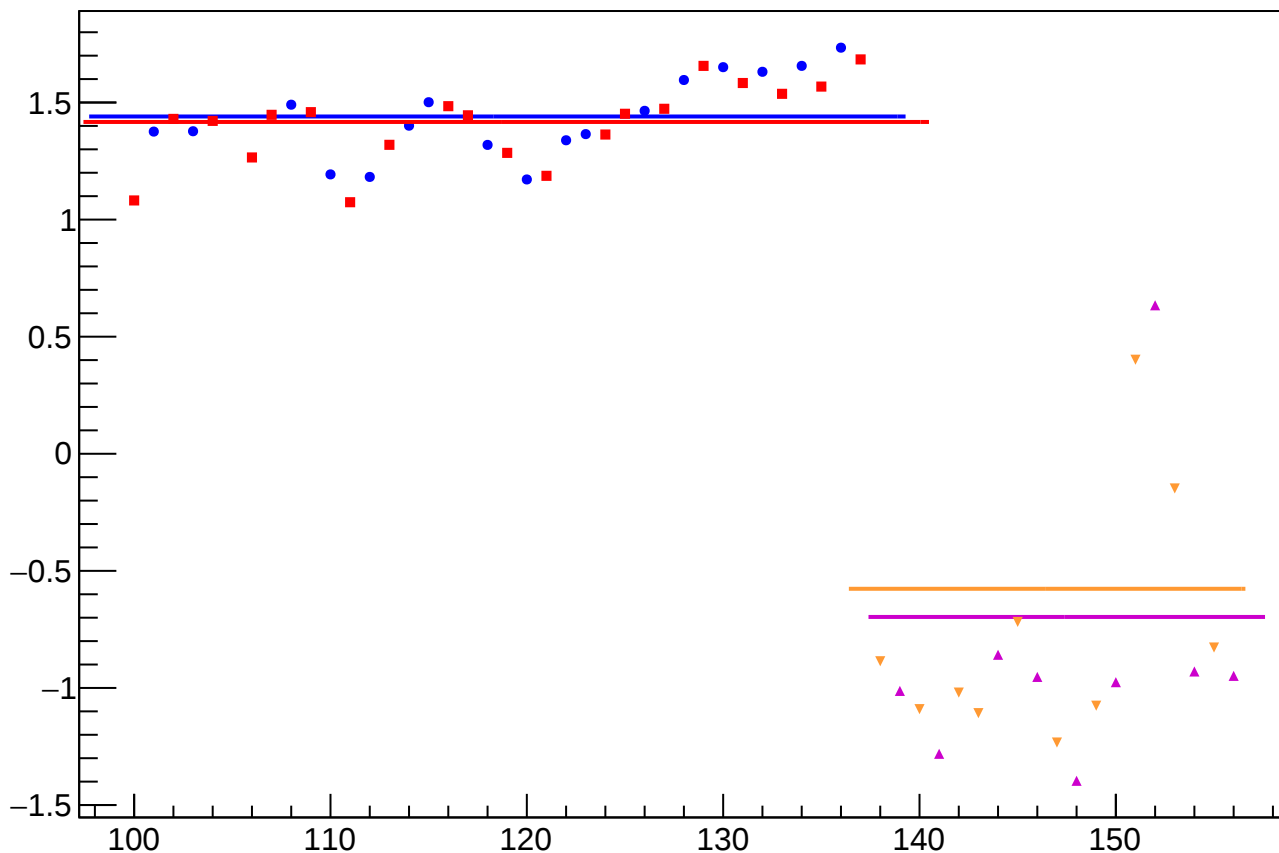
Left In: 0.012+/-0.000 χ^2/NDF : 819596.6/8

0.011+/-0.000 χ^2/NDF : 993874.5/26

0.011+/-0.000 χ^2/NDF : 2135154.8/55

0.011+/-0.000 χ^2/NDF : 1139974.3/28

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.440 $\pm$ 0.000 χ^2 /NDF: 3449252780.8/16

Left Out: -0.577 $\pm$ 0.000 χ^2 /NDF: 27002175642.6/9

Right Out: 1.417 $\pm$ 0.000 χ^2 /NDF: 2674679406.4/19

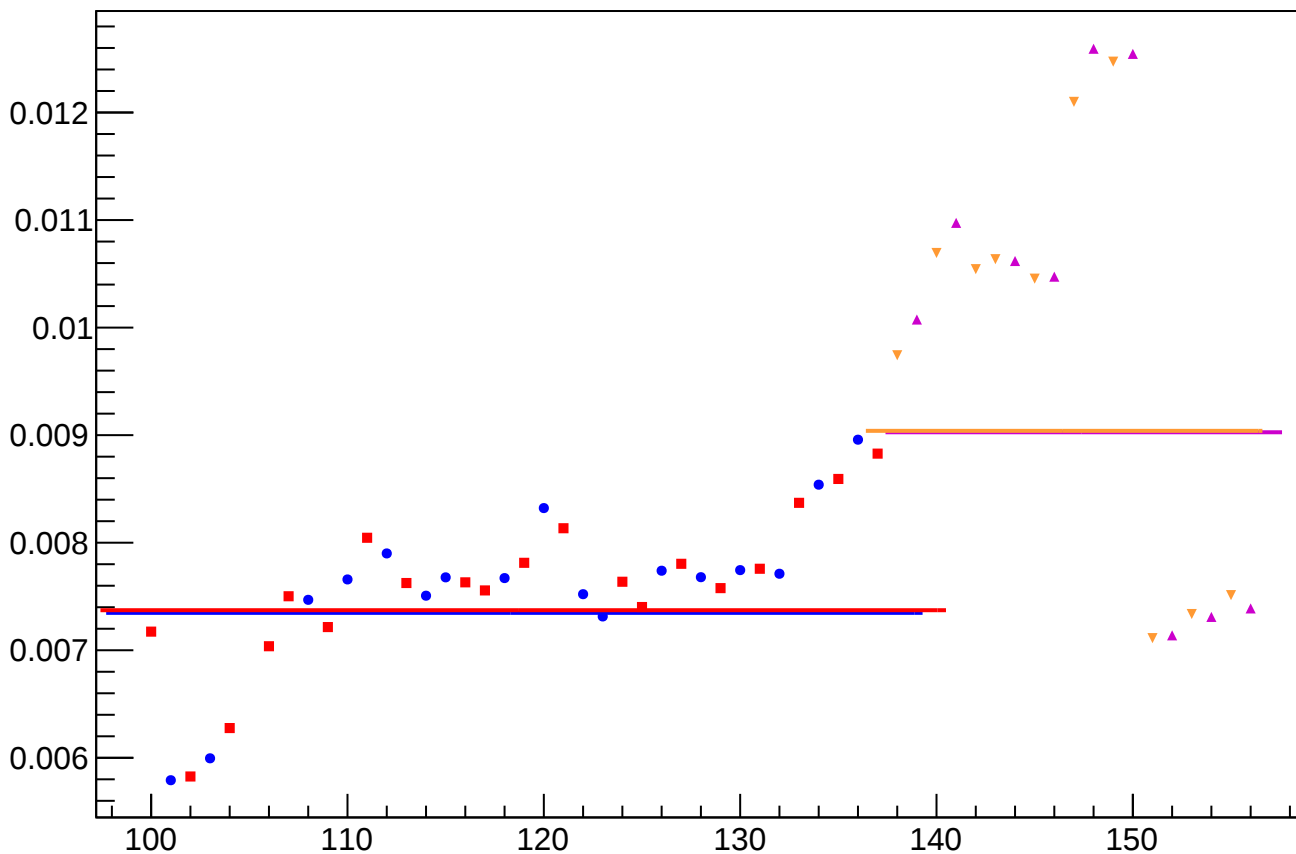
Left In: -0.697 $\pm$ 0.000 χ^2 /NDF: 37099989973.1/8

0.607 $\pm$ 0.000 χ^2 /NDF: 235485928512.5/26

0.593 $\pm$ 0.000 χ^2 /NDF: 505218169695.6/26

0.580 $\pm$ 0.000 χ^2 /NDF: 269651559444.2/28

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 228163.6/16

Left Out: 0.009+/-0.000 χ^2/NDF : 606739.6/9

Right Out: 0.007+/-0.000 χ^2/NDF : 172741.0/19

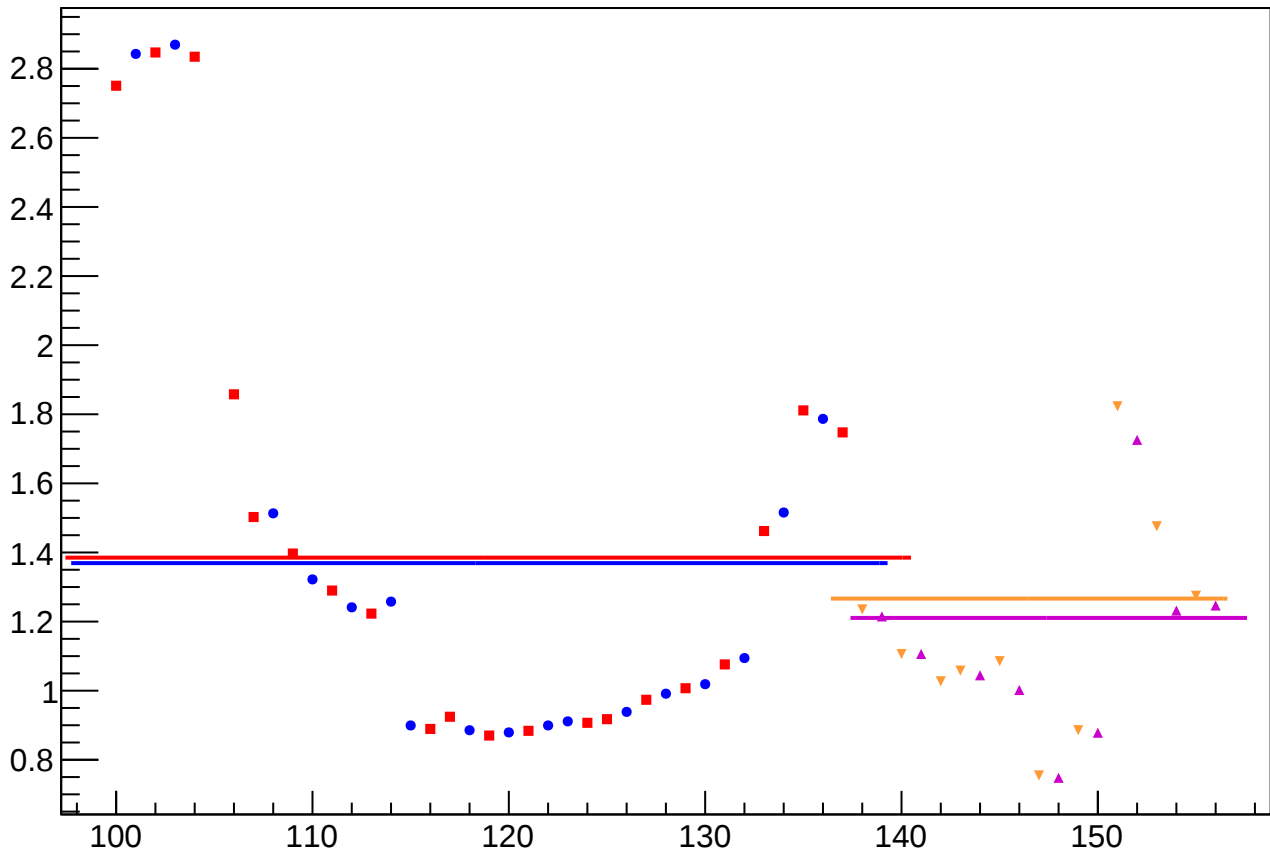
Left In: 0.009+/-0.000 χ^2/NDF : 685450.5/8

0.008+/-0.000 χ^2/NDF : 1123623.5/26

0.008+/-0.000 χ^2/NDF : 2263603.5/55

0.008+/-0.000 χ^2/NDF : 1139902.9/28

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.369 $\pm$ 0.000 χ^2/NDF : 54205395389.8/16

Left Out: 1.267 $\pm$ 0.000 χ^2/NDF : 8698668979.0/9

Right Out: 1.385 $\pm$ 0.000 χ^2/NDF : 50114562617.6/19

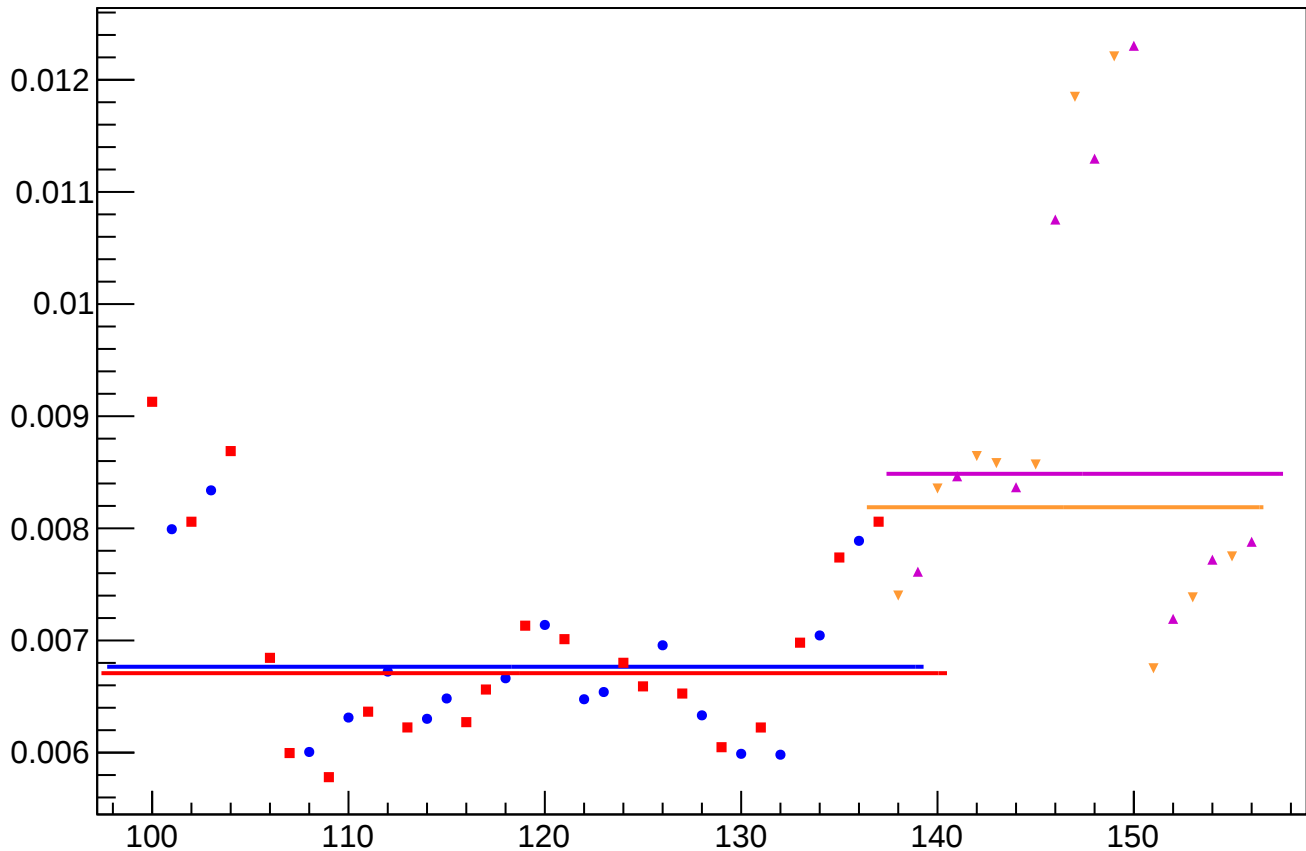
Left In: 1.211 $\pm$ 0.000 χ^2/NDF : 6818908303.5/8

1.327 $\pm$ 0.000 χ^2/NDF : 63532334556.8/26

1.323 $\pm$ 0.000 χ^2/NDF : 122272895490.0/26

1.319 $\pm$ 0.000 χ^2/NDF : 58733252966.8/28

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 159554.9/16

Left Out: 0.008+/-0.000 χ^2/NDF : 404221.2/9

Right Out: 0.007+/-0.000 χ^2/NDF : 187869.7/19

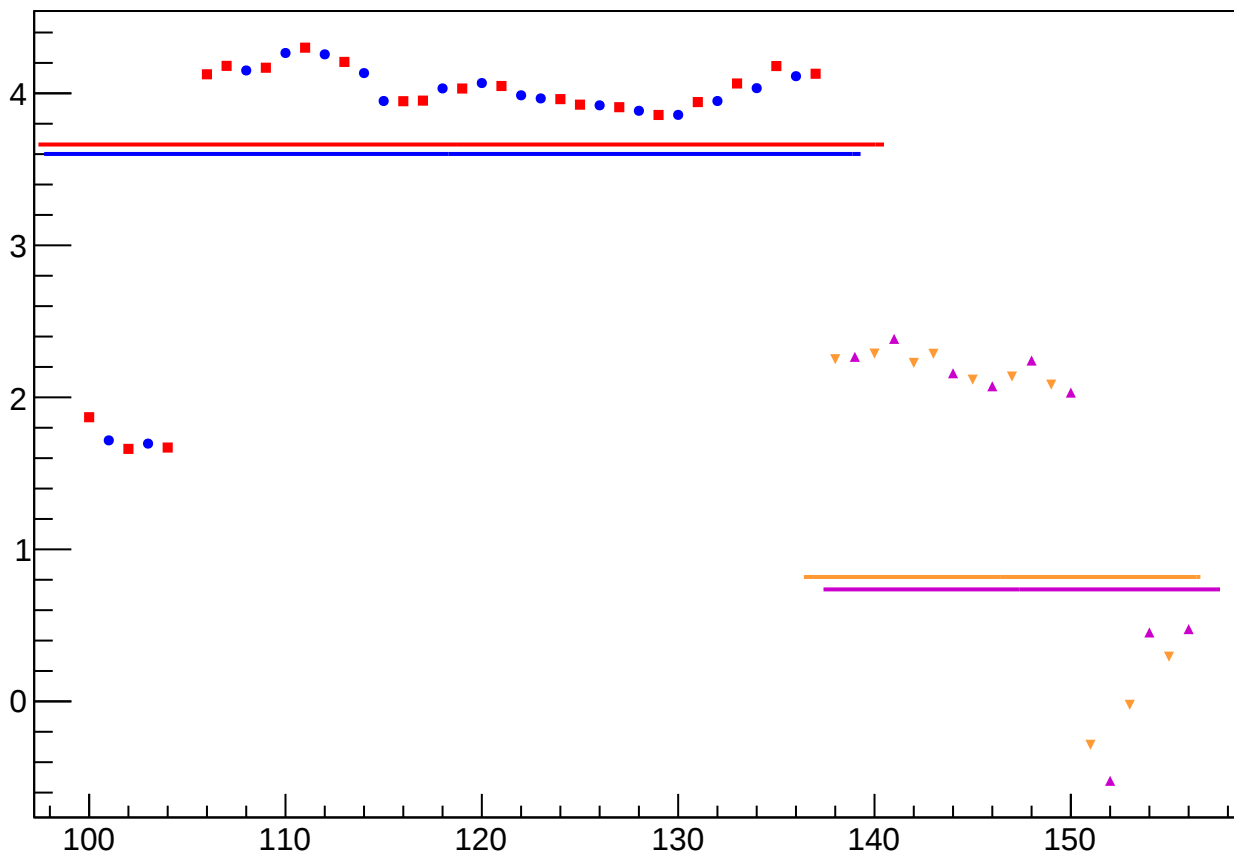
Left In: 0.008+/-0.000 χ^2/NDF : 407648.6/8

0.007+/-0.000 χ^2/NDF : 805115.0/26

0.007+/-0.000 χ^2/NDF : 1774538.7/55

0.007+/-0.000 χ^2/NDF : 969239.4/28

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.601 $\pm$ 0.000 χ^2 /NDF: 185806937655.3/16

Left Out: 0.818 $\pm$ 0.000 χ^2 /NDF: 237003575892.0/9

2.243 $\pm$ 0.000 χ^2 /NDF: 1238625570984.7/26

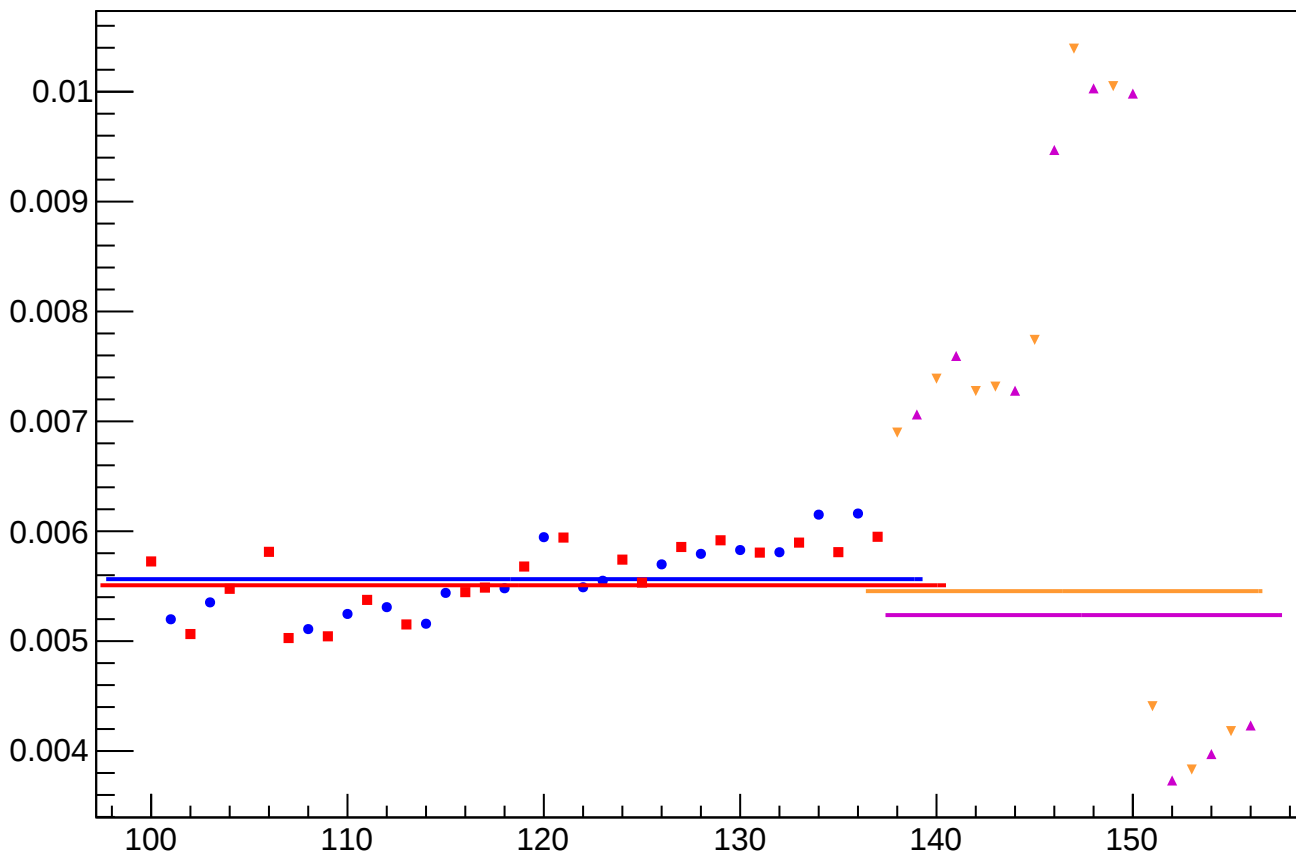
Right Out: 3.663 $\pm$ 0.000 χ^2 /NDF: 192640409625.9/19

2.240 $\pm$ 0.000 χ^2 /NDF: 2638365818098.1

2.238 $\pm$ 0.000 χ^2 /NDF: 1399733181197.7/28

Left In: 0.737 $\pm$ 0.000 χ^2 /NDF: 244681748570.1/8

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 47588.2/16

Left Out: 0.005+/-0.000 χ^2/NDF :1536608.1/9

Right Out: 0.006+/-0.000 χ^2/NDF : 52636.1/19

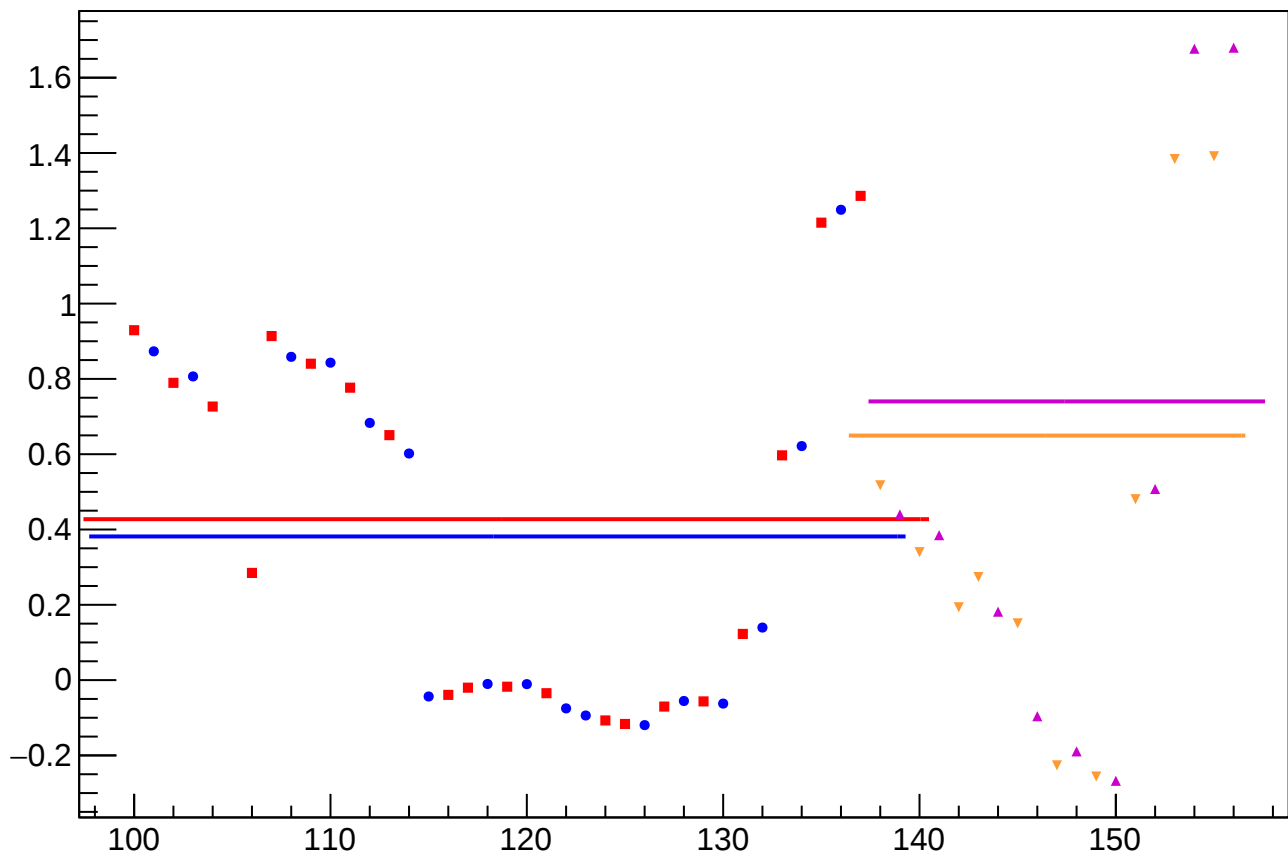
Left In: 0.005+/-0.000 χ^2/NDF :1859199.1/8

0.006+/-0.000 χ^2/NDF : 1586704.4/26

0.005+/-0.000 χ^2/NDF : 3522994.6/55

0.005+/-0.000 χ^2/NDF : 1928394.6/28

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.382 ± 0.000 χ^2/NDF : 7124759123.1/16

Left Out: 0.650 ± 0.000 χ^2/NDF : 13901689626.5/9

Right Out: 0.427 ± 0.000 χ^2/NDF : 6716521382.4/19

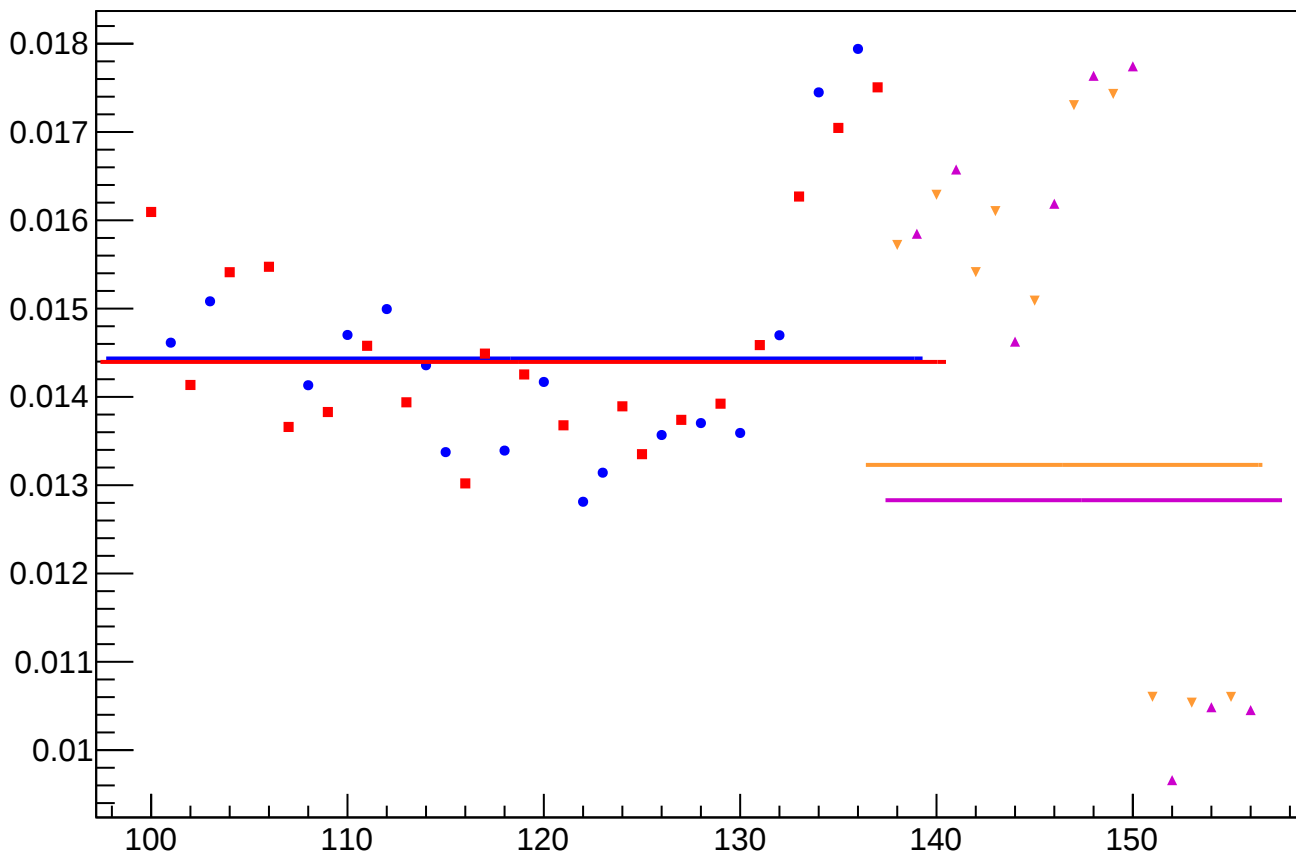
Left In: 0.740 ± 0.000 χ^2/NDF : 22321857009.9/8

0.530 ± 0.000 χ^2/NDF : 22291133863.4/26

0.566 ± 0.000 χ^2/NDF : 53326679691.7/5

0.600 ± 0.000 χ^2/NDF : 30856930533.7/28

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 110224.4/16

Left Out: 0.013+/-0.000 χ^2/NDF : 643061.3/9

Right Out: 0.014+/-0.000 χ^2/NDF : 74535.1/19

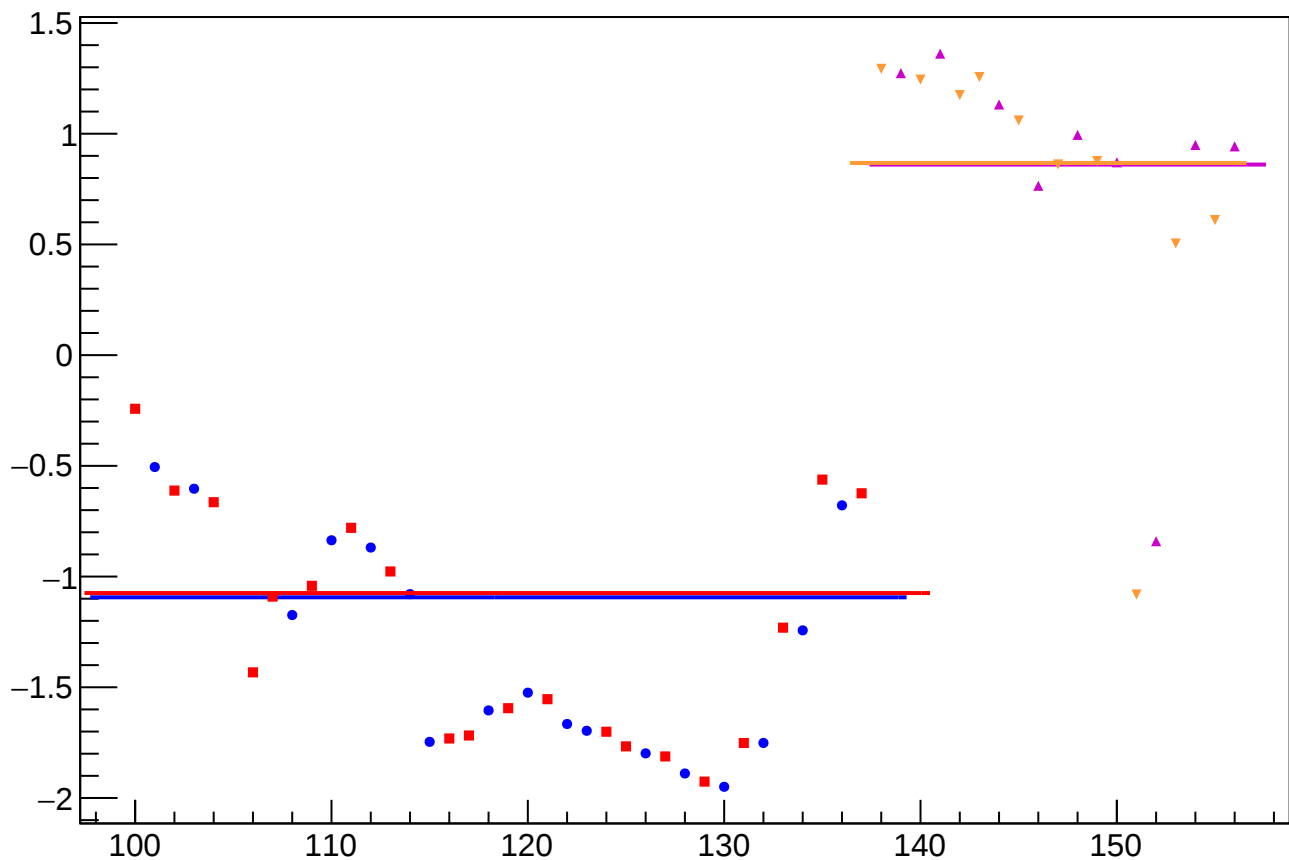
Left In: 0.013+/-0.000 χ^2/NDF : 816928.8/8

0.014+/-0.000 χ^2/NDF : 804436.2/26

0.014+/-0.000 χ^2/NDF : 1791116.4/55

0.014+/-0.000 χ^2/NDF : 982648.1/28

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.094+/-0.000 χ^2/NDF : 55960104370.4/16

Left Out: 0.868+/-0.000 χ^2/NDF : 120112732166.6/9

Right Out: -1.074+/-0.000 χ^2/NDF : 47208439320.8/19

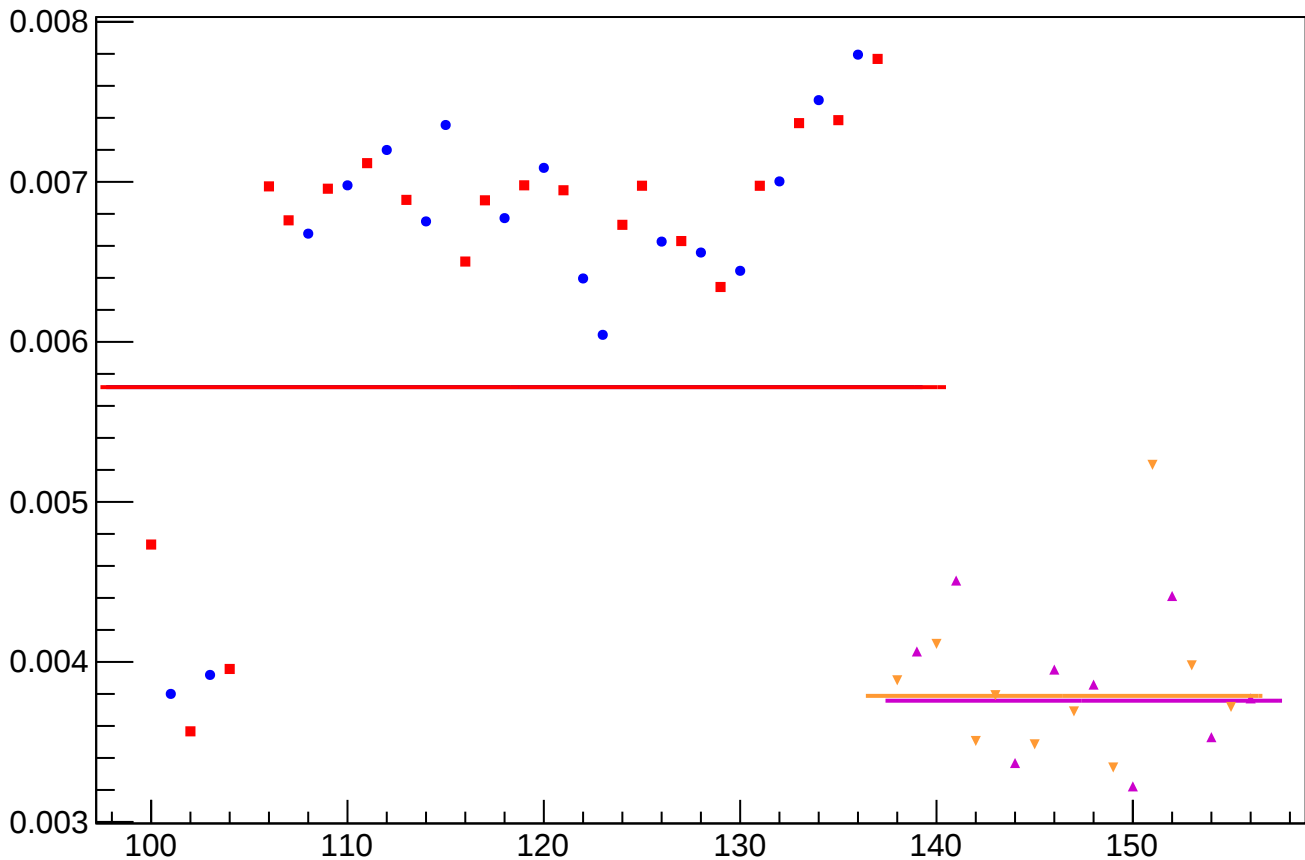
Left In: 0.861+/-0.000 χ^2/NDF : 138800446874.6/8

0.303+/-0.000 χ^2/NDF : 673857500824.4/26

0.296+/-0.000 χ^2/NDF : 1360298541877.5

0.289+/-0.000 χ^2/NDF : 686378556353.7/28

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 : 146560.0/9

Right Out: 0.006+/-0.000 χ^2/NDF : 925957.4/19

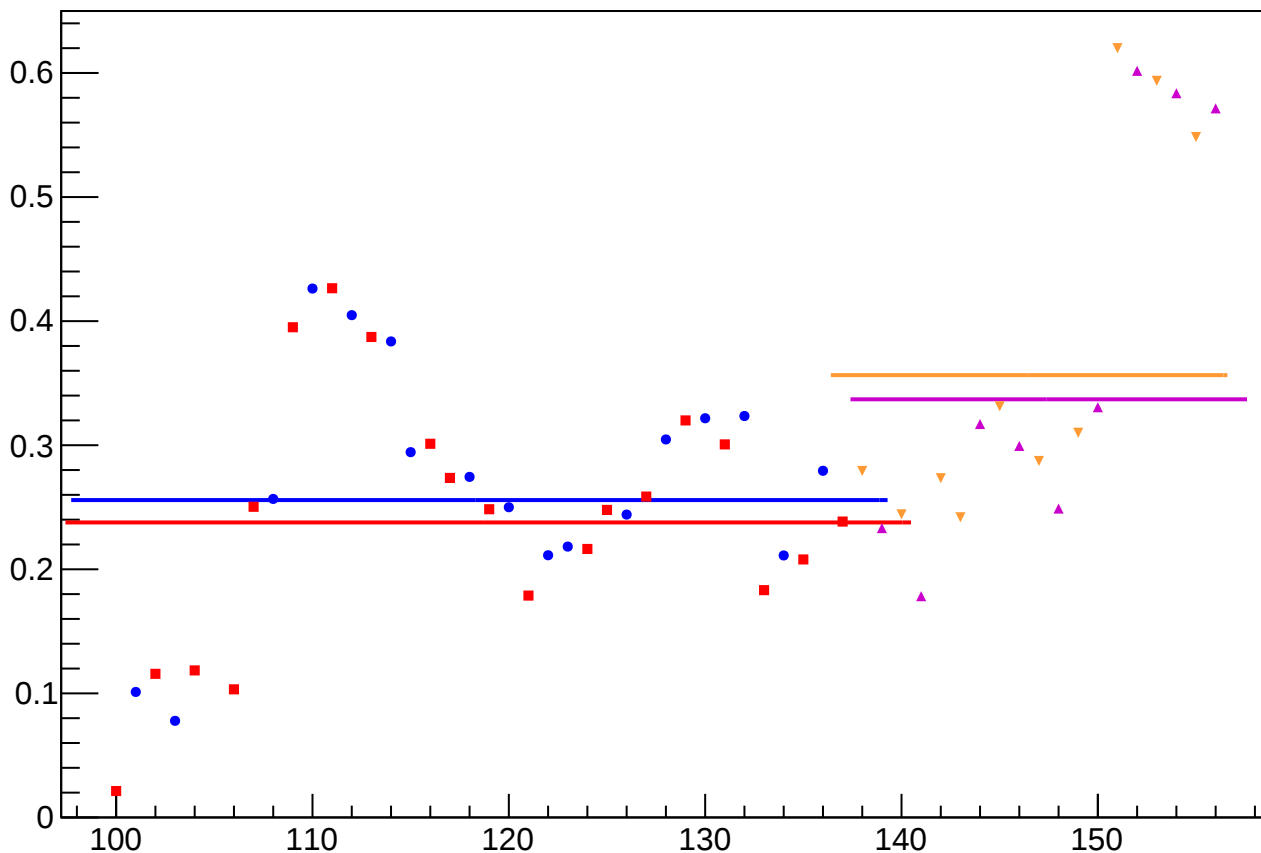
Left In: 0.004+/-0.000 χ^2/NDF : 158179.8/8

0.004+/-0.000 χ^2/NDF : 1947606.3/26

0.004+/-0.000 χ^2/NDF : 4057809.4/55

0.004+/-0.000 χ^2/NDF : 2110170.9/28

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.256 $\pm$ 0.000 χ^2/NDF : 21365489849.4/16

Left Out: 0.356 $\pm$ 0.000 χ^2/NDF : 43166286516.5/9

Right Out: 0.238 $\pm$ 0.000 χ^2/NDF : 26077768189.7/19

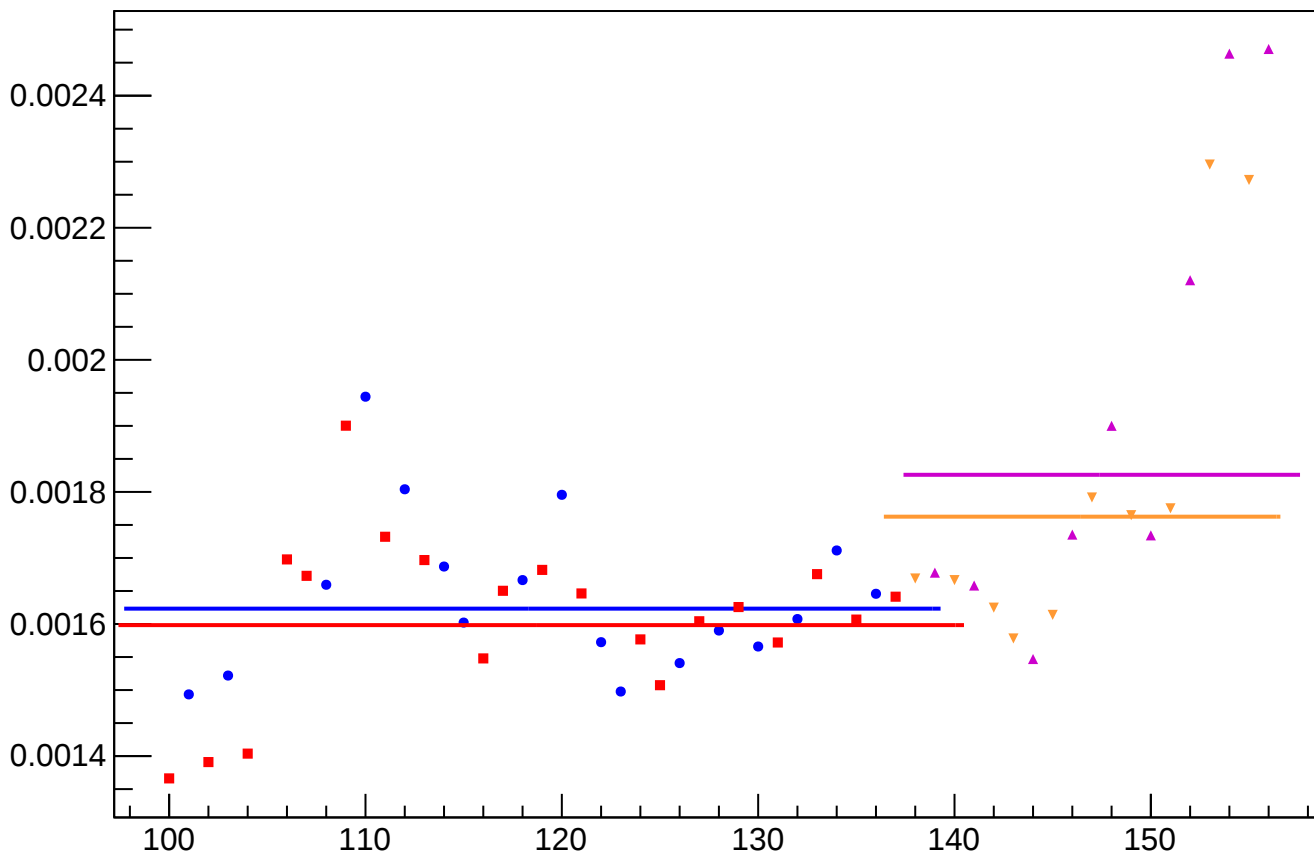
Left In: 0.337 $\pm$ 0.000 χ^2/NDF : 40076436481.6/8

0.305 $\pm$ 0.000 χ^2/NDF : 76569839457.2/26

0.293 $\pm$ 0.000 χ^2/NDF : 155782293300.9/26

0.281 $\pm$ 0.000 χ^2/NDF : 77838781980.3/28

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 : 210411.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 90764.4/19

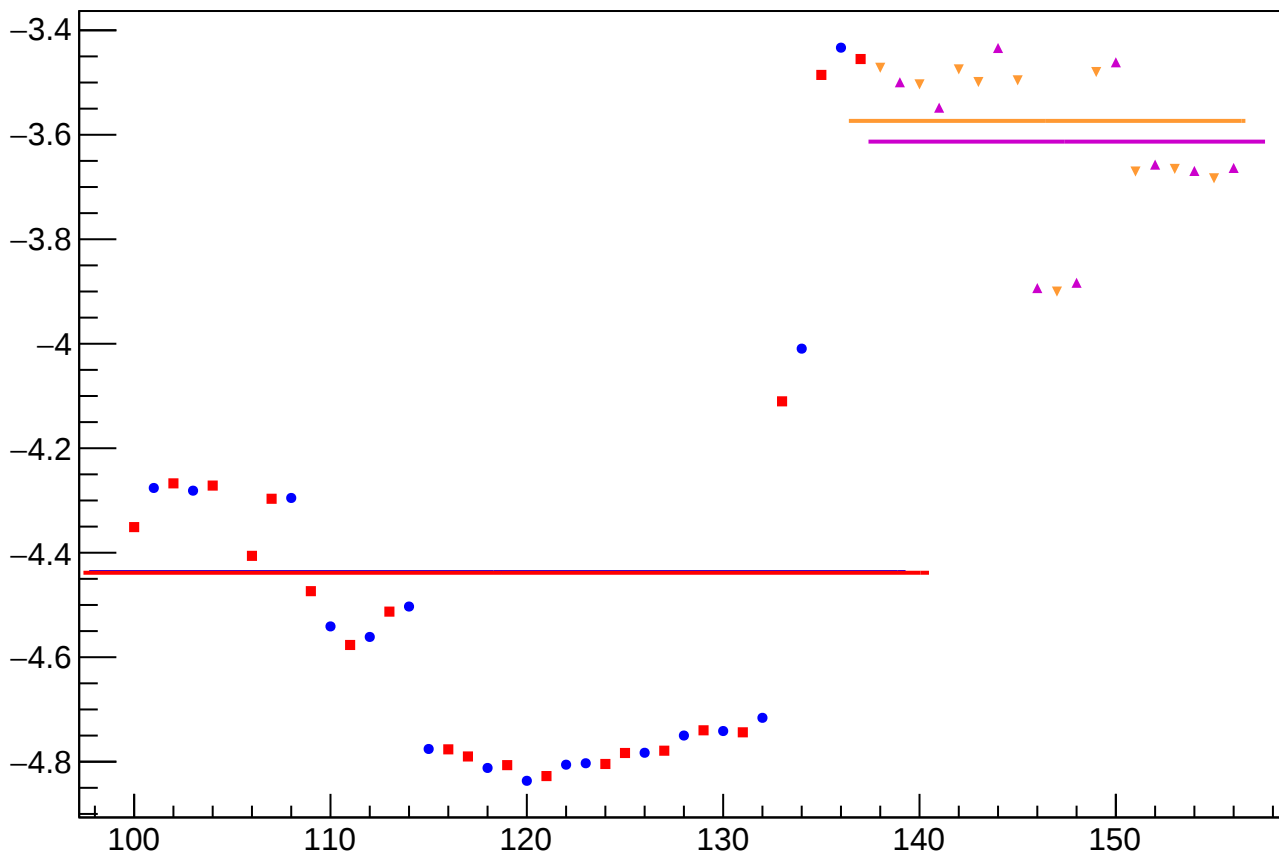
Left In: 0.002+/-0.000 χ^2/NDF : 341658.1/8

0.002+/-0.000 χ^2/NDF : 308941.1/26

0.002+/-0.000 χ^2/NDF : 864450.1/55

0.002+/-0.000 χ^2/NDF : 555336.9/28

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.437 $\pm$ 0.000 χ^2/NDF : 392812415429.0/16

Left Out: -3.573 $\pm$ 0.000 χ^2/NDF : 27521887007.9/9

-4.035 $\pm$ 0.000 χ^2/NDF : 1113774264450.7/26

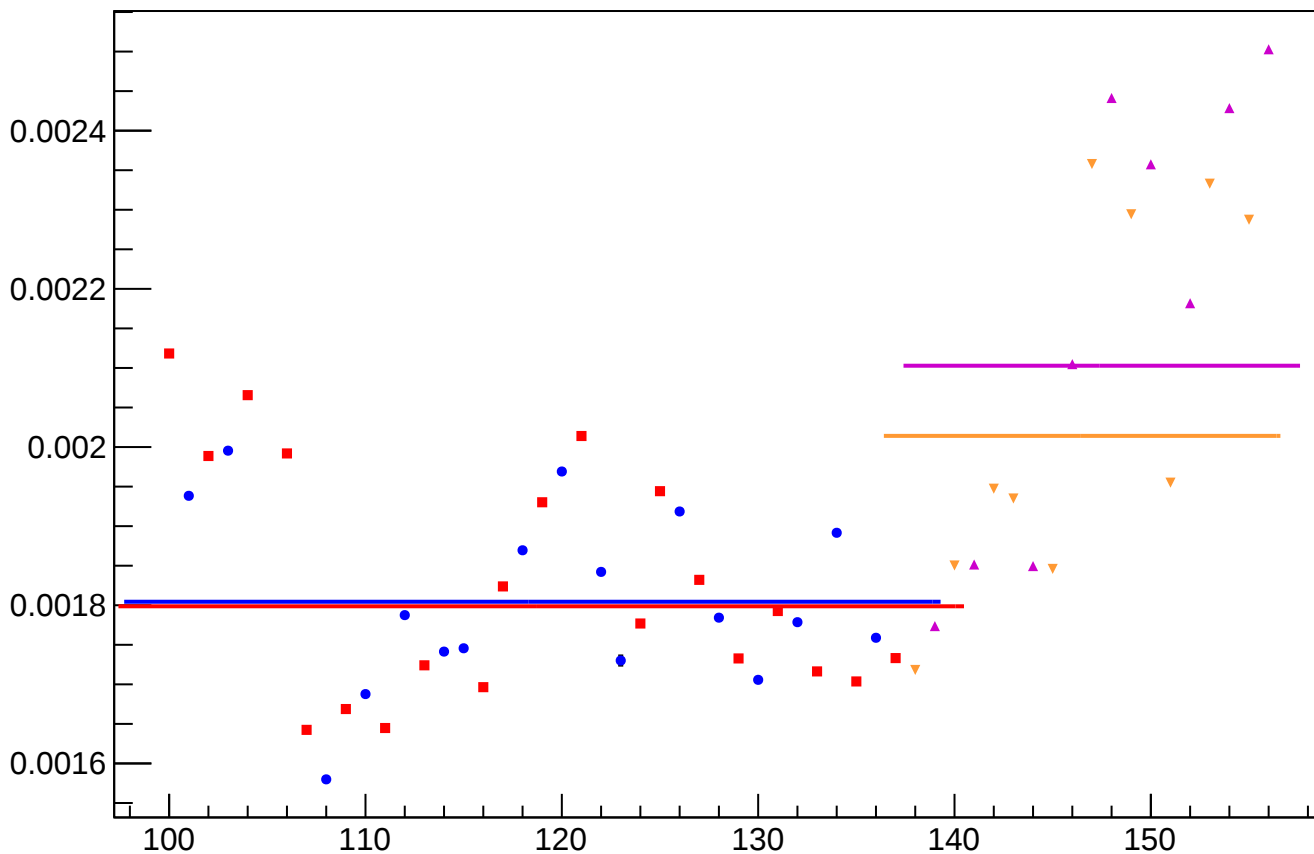
Right Out: -4.438 $\pm$ 0.000 χ^2/NDF : 326800745779.7/19

-4.061 $\pm$ 0.000 χ^2/NDF : 2105654904638.

-4.086 $\pm$ 0.000 χ^2/NDF : 986967297674.3/28

Left In: -3.613 $\pm$ 0.000 χ^2/NDF : 39621235294.3/8

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 :176732.0/9

Right Out: 0.002+/-0.000 χ^2/NDF : 81037.5/19

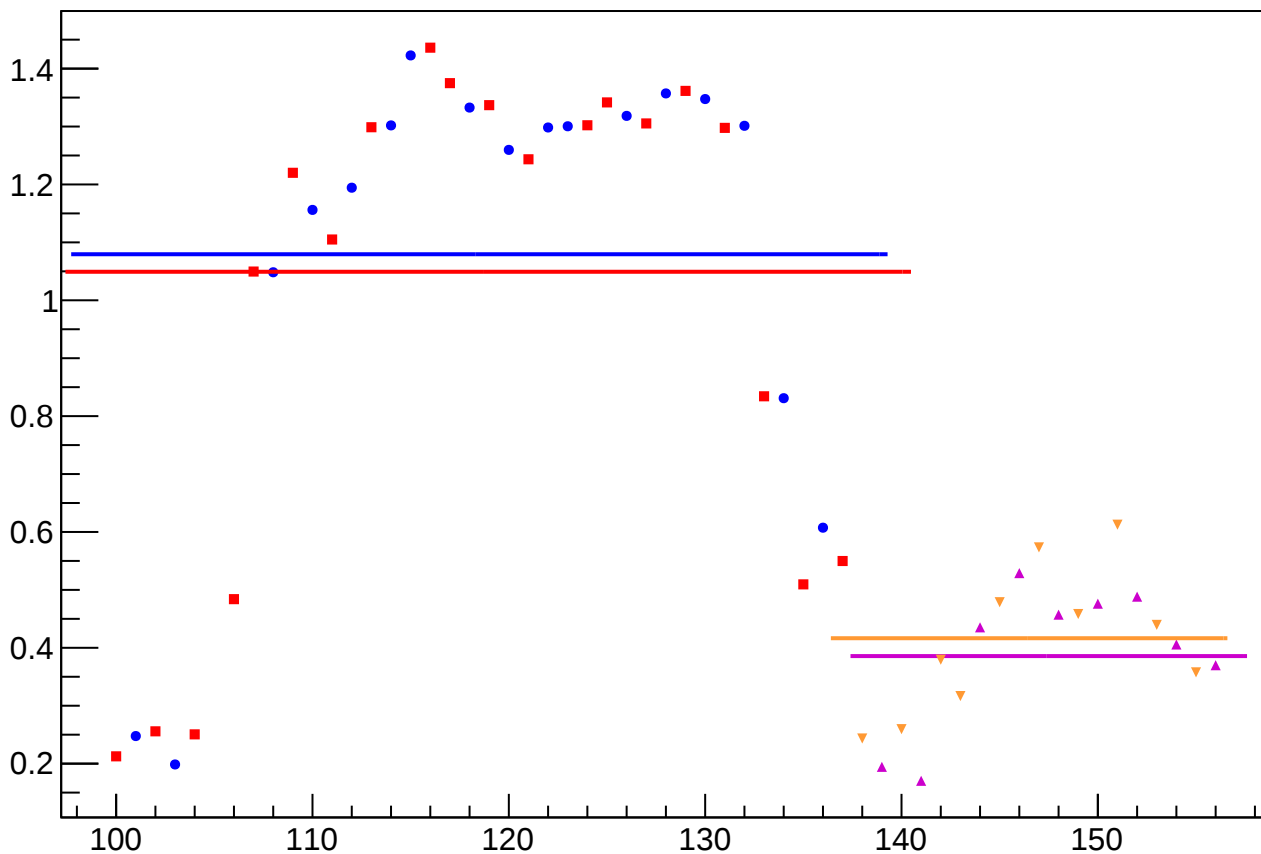
Left In: 0.002+/-0.000 χ^2/NDF :228990.8/8

0.002+/-0.000 χ^2/NDF : 307610.6/26

0.002+/-0.000 χ^2/NDF : 788826.8/55

0.002+/-0.000 χ^2/NDF : 478621.7/28

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 1.080 ± 0.000 χ^2/NDF : 17533321220.5/16

Left Out: 0.417 ± 0.000 χ^2/NDF : 1161318965.2/9

Right Out: 1.049 ± 0.000 χ^2/NDF : 19787986428.4/19

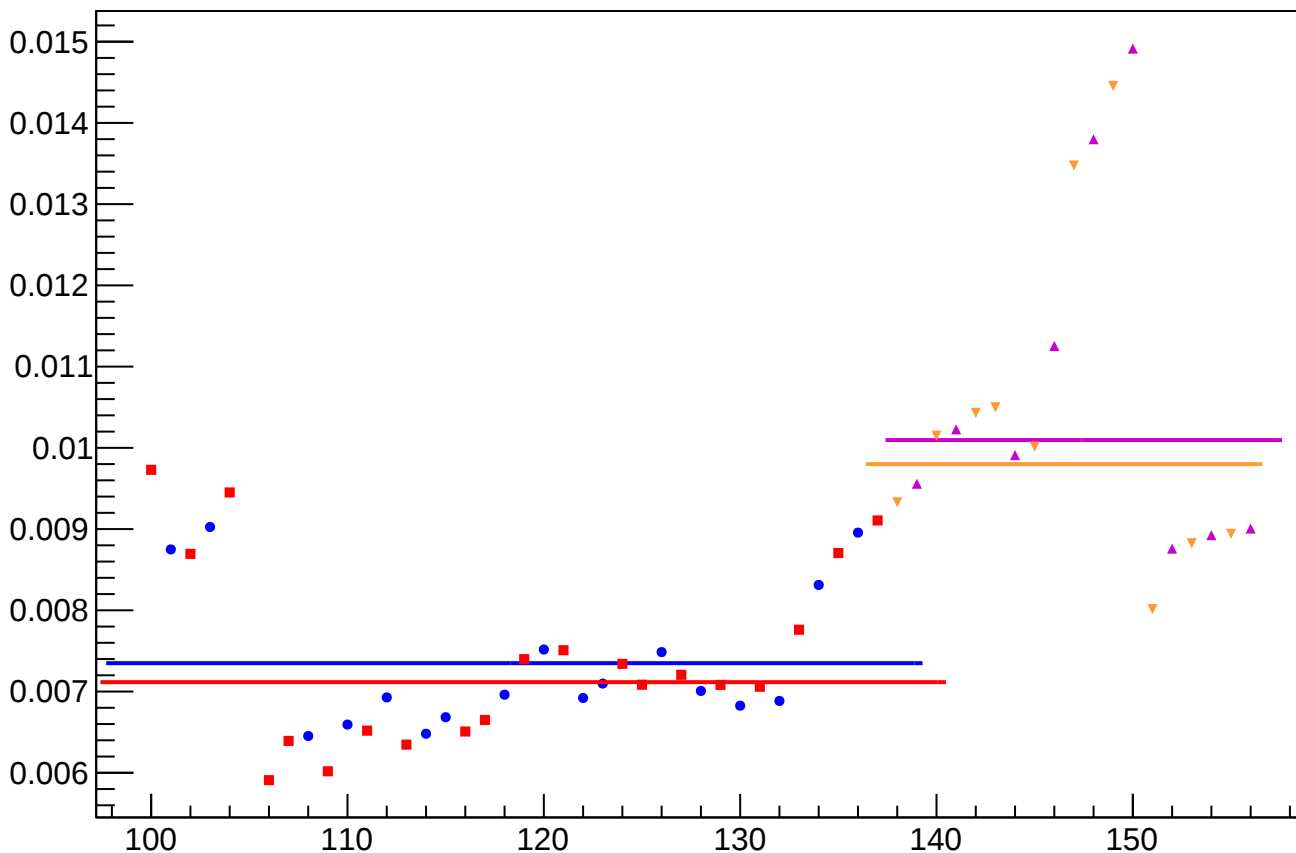
Left In: 0.386 ± 0.000 χ^2/NDF : 968856165.2/8

0.829 ± 0.000 χ^2/NDF : 38980089509.4/26

0.829 ± 0.000 χ^2/NDF : 80100104270.7/5

0.828 ± 0.000 χ^2/NDF : 41119802618.6/28

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 : 409601.0/9

Right Out: 0.007+/-0.000 χ^2/NDF : 259539.3/19

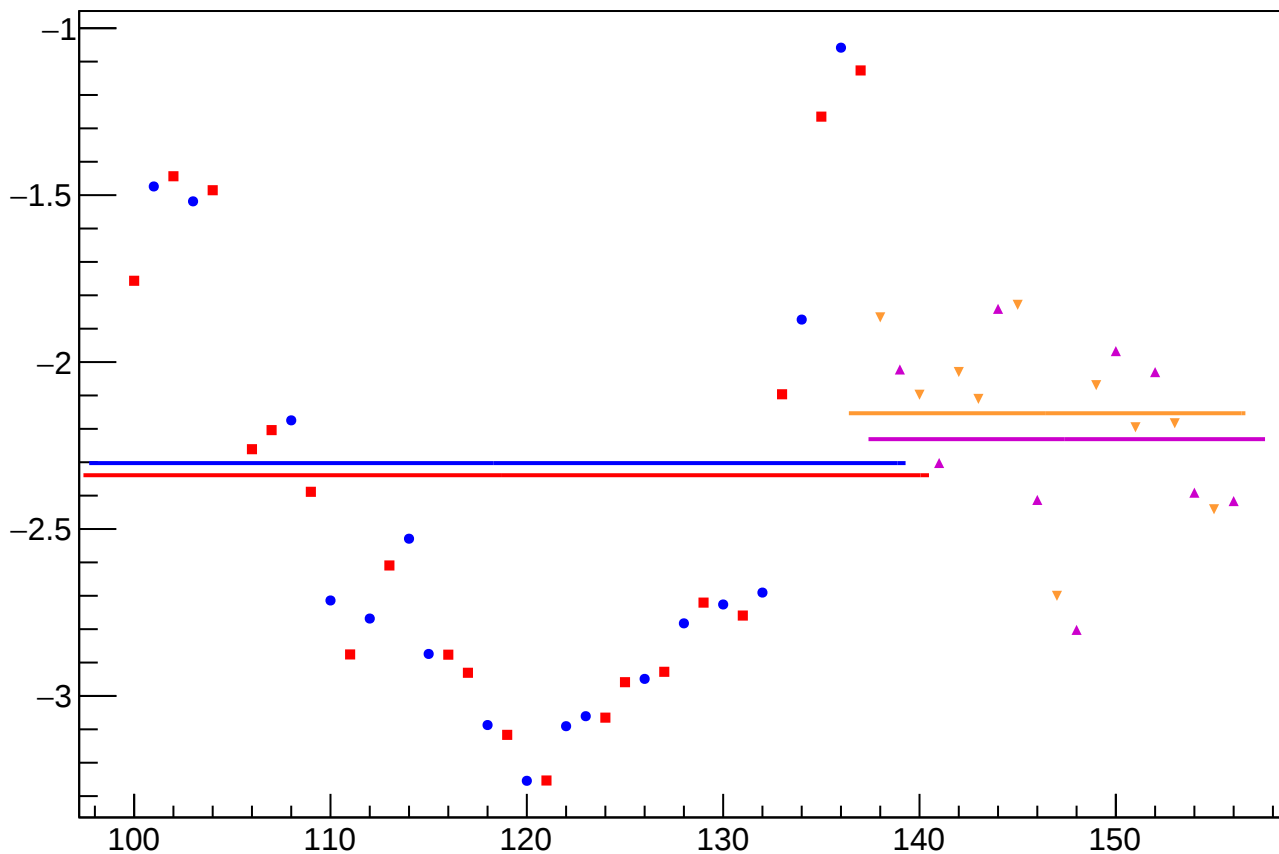
Left In: 0.010+/-0.000 χ^2/NDF : 407137.6/8

0.008+/-0.000 χ^2/NDF : 1144720.4/26

0.008+/-0.000 χ^2/NDF : 2638446.6/55

0.008+/-0.000 χ^2/NDF : 1488263.2/28

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.303+/-0.000 χ^2/NDF : 73755914805.8/16

Left Out: -2.153+/-0.000 χ^2/NDF : 4989194671.1/9

Right Out: -2.339+/-0.000 χ^2/NDF : 64804828308.5/19

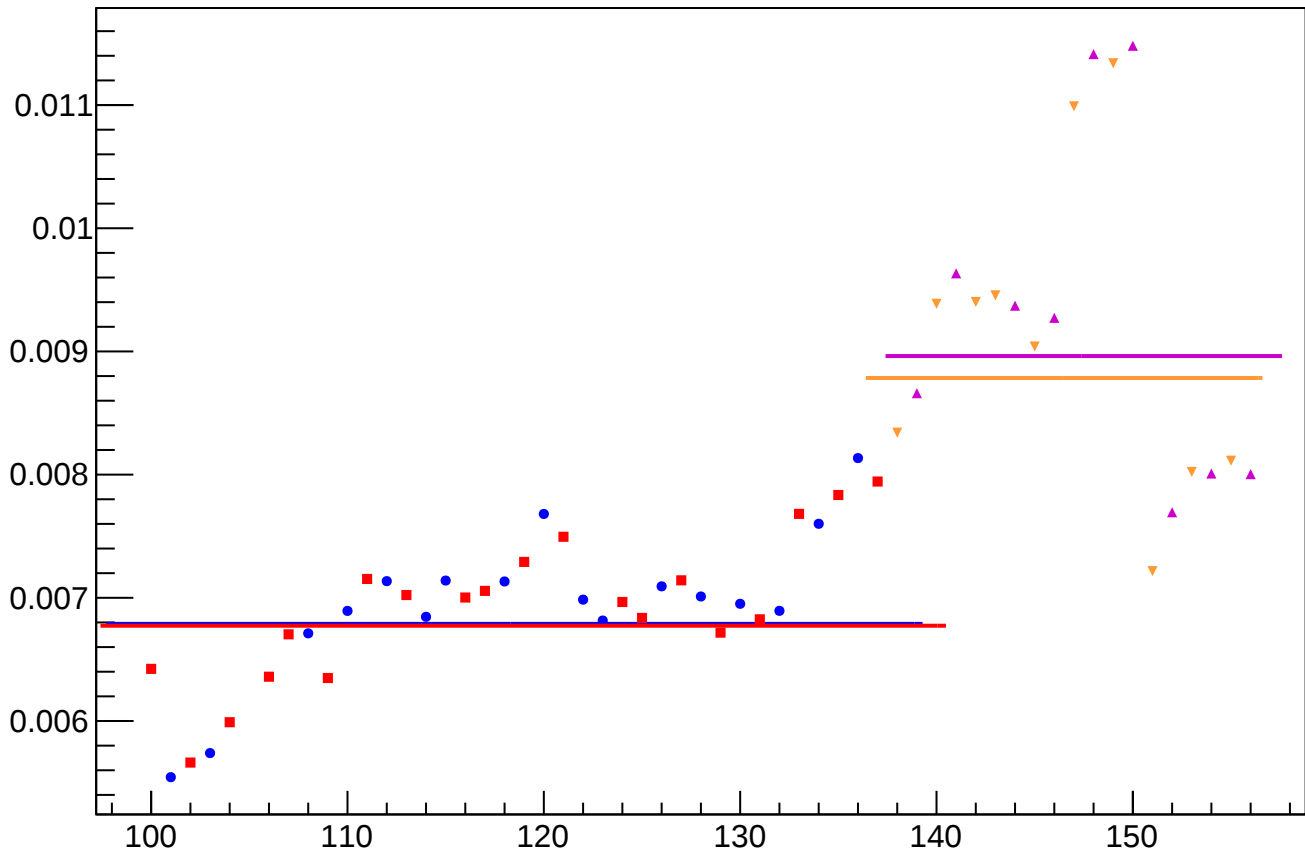
Left In: -2.231+/-0.000 χ^2/NDF : 6019992439.6/8

-2.244+/-0.000 χ^2/NDF : 80009171907.6/26

-2.272+/-0.000 χ^2/NDF : 151866646539.7

-2.299+/-0.000 χ^2/NDF : 71485574799.3/28

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 165199.2/16

Left Out: 0.009+/-0.000 χ^2/NDF : 266518.5/9

Right Out: 0.007+/-0.000 χ^2/NDF : 123383.6/19

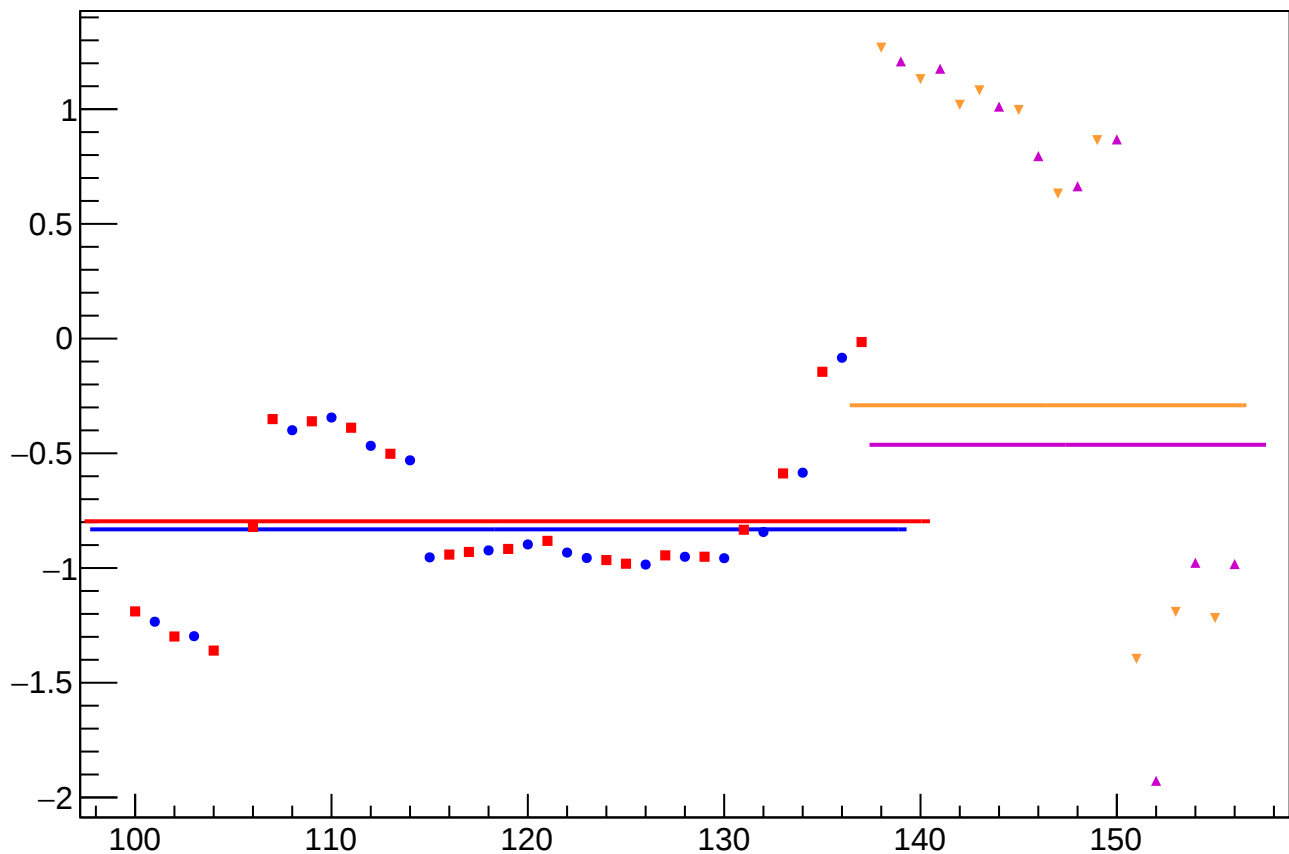
Left In: 0.009+/-0.000 χ^2/NDF : 263003.4/8

0.008+/-0.000 χ^2/NDF : 883663.3/26

0.008+/-0.000 χ^2/NDF : 1812557.8/55

0.008+/-0.000 χ^2/NDF : 928894.5/28

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831+/-0.000 χ^2/NDF : 6692170860.9/16

Left Out: -0.291+/-0.000 χ^2/NDF : 91641286226.0/9

Right Out: -0.796+/-0.000 χ^2/NDF : 7827622544.3/19

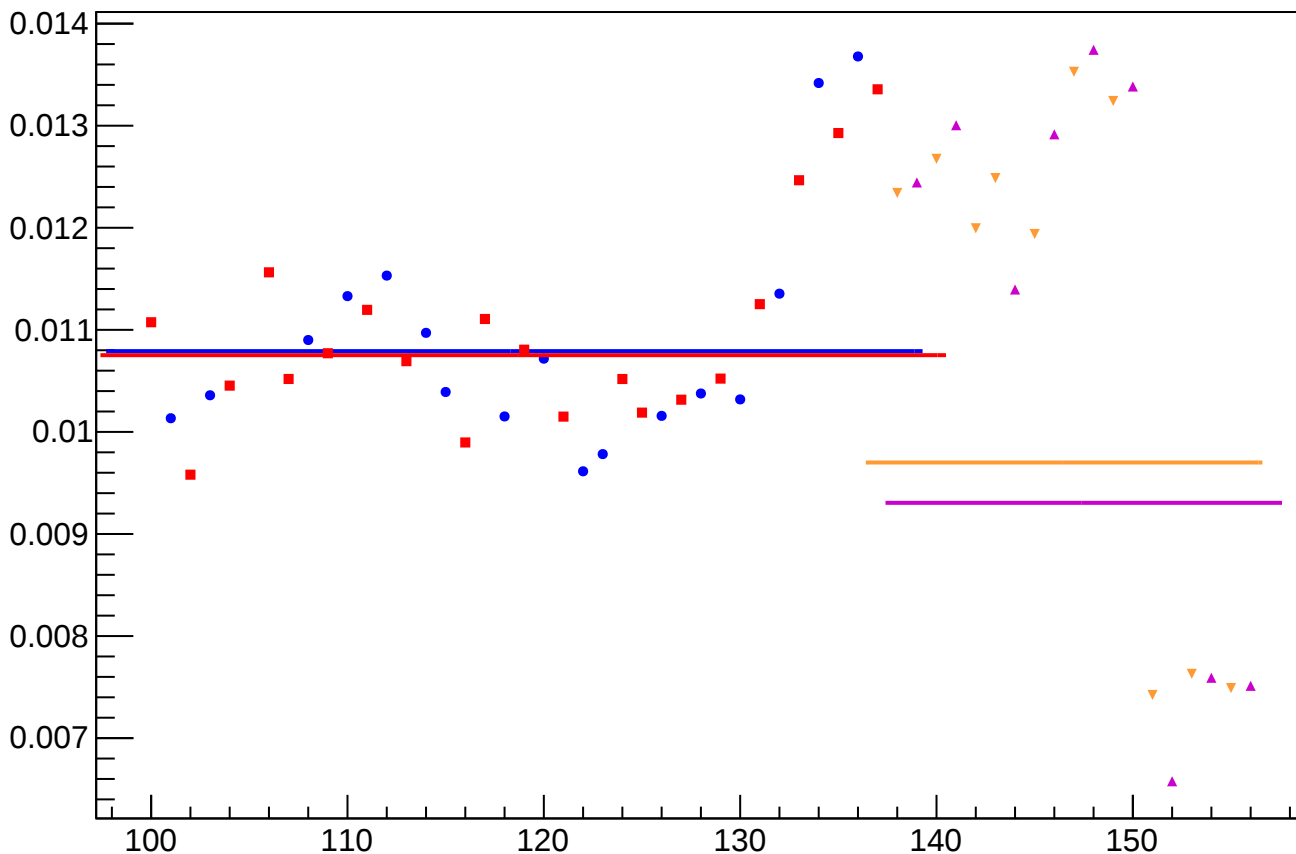
Left In: -0.463+/-0.000 χ^2/NDF : 107918738683.4/8

-0.530+/-0.000 χ^2/NDF : 107545483422.5/26

-0.571+/-0.000 χ^2/NDF : 227441261804.3

-0.610+/-0.000 χ^2/NDF : 119468351529.3/28

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 125802.4/16

Left Out: 0.010+/-0.000 χ^2/NDF : 923876.7/9

Right Out: 0.011+/-0.000 χ^2/NDF : 90303.3/19

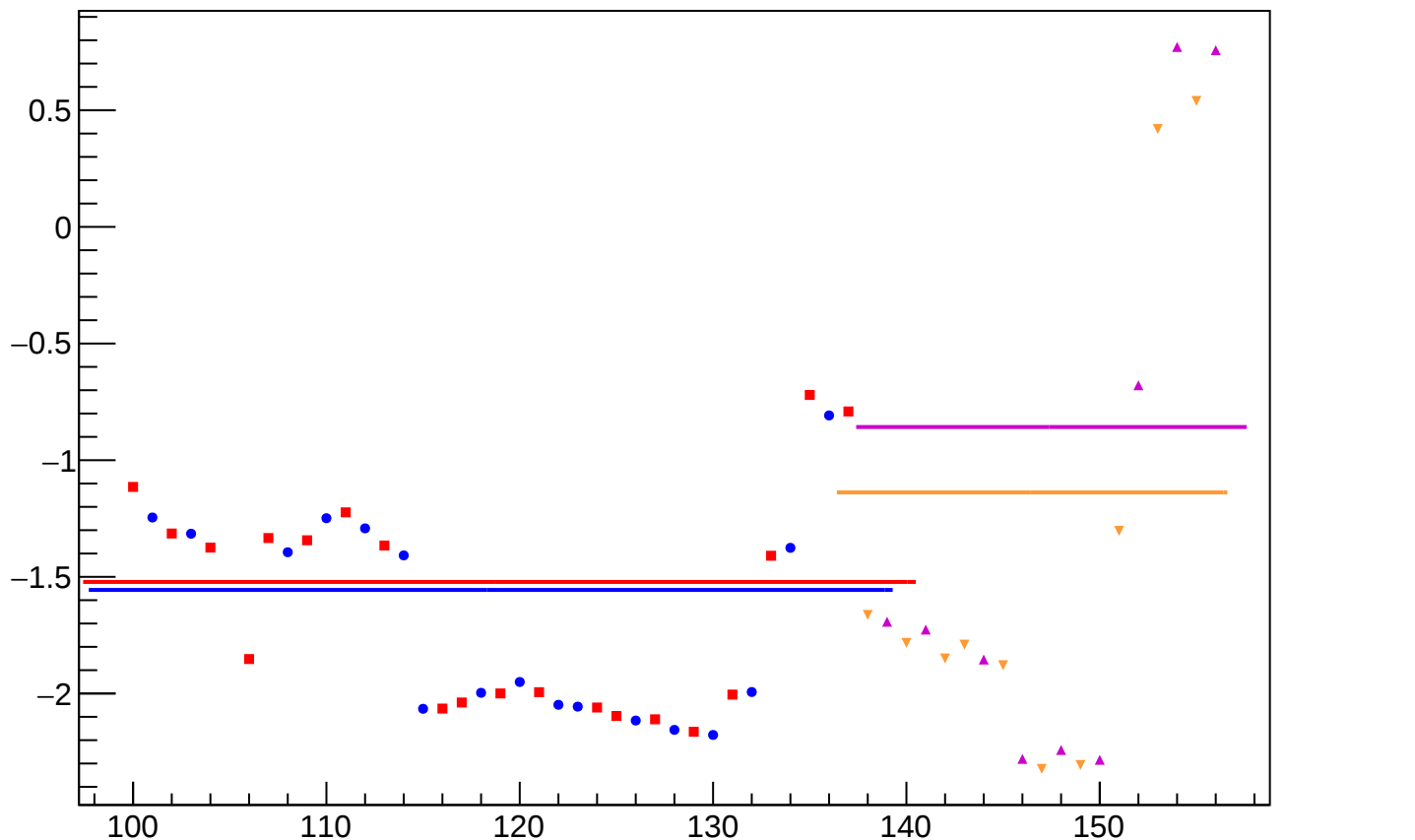
Left In: 0.009+/-0.000 χ^2/NDF : 1166128.9/8

0.010+/-0.000 χ^2/NDF : 1124688.9/26

0.010+/-0.000 χ^2/NDF : 2528757.4/55

0.010+/-0.000 χ^2/NDF : 1396618.0/28

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.556+/-0.000 χ^2/NDF : 154972763568.8/16

Left Out: -1.138+/-0.000 χ^2/NDF : 757994980261.3/9

Right Out: -1.522+/-0.000 χ^2/NDF : 139385229659.4/19

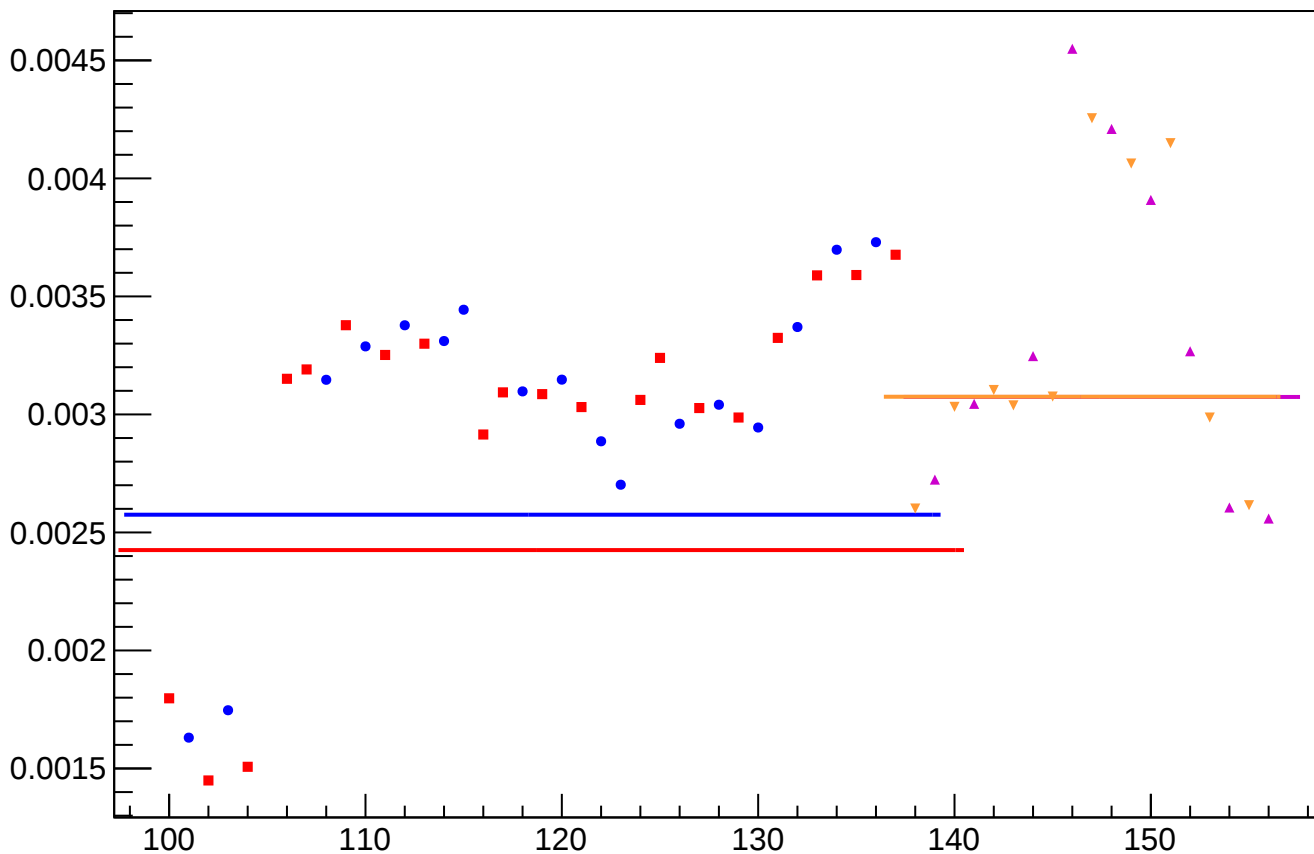
Left In: -0.858+/-0.000 χ^2/NDF : 991481505904.0/8

-1.374+/-0.000 χ^2/NDF : 977837551039.5/26

-1.313+/-0.000 χ^2/NDF : 2290626657456.0/26

-1.256+/-0.000 χ^2/NDF : 1301890092679.0/28

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 1013833.9/16

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:335829.7/9

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1493210.7/19

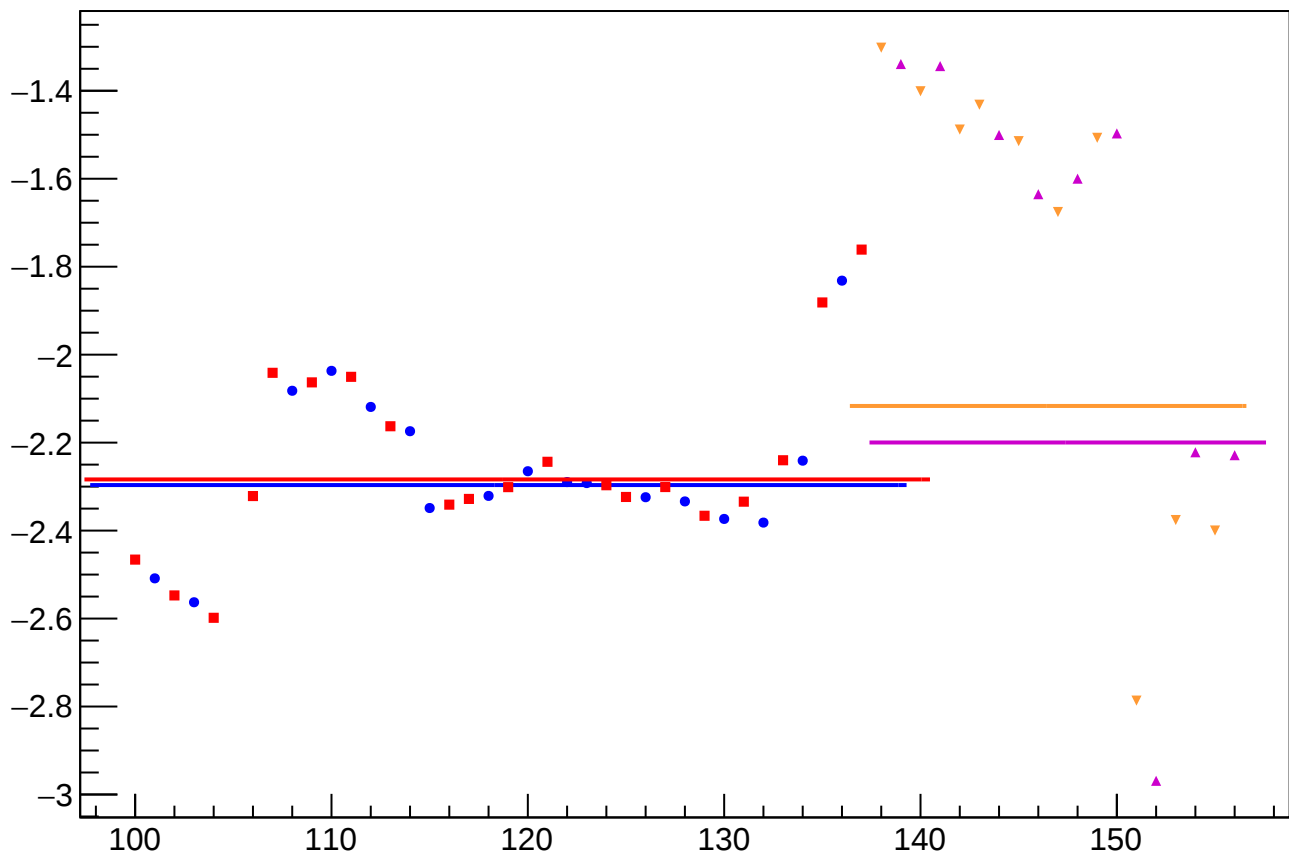
Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:398822.6/8

0.003 $\pm$ 0.000 χ^2 /NDF: 1535099.8/26

0.003 $\pm$ 0.000 χ^2 /NDF: 3771647.5/55

0.003 $\pm$ 0.000 χ^2 /NDF: 2218425.4/28

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.296 ± 0.000 χ^2/NDF : 5782980938.4/16

Left Out: -2.117 ± 0.000 χ^2/NDF : 47274349660.5/9

Right Out: -2.284 ± 0.000 χ^2/NDF : 6550363990.6/19

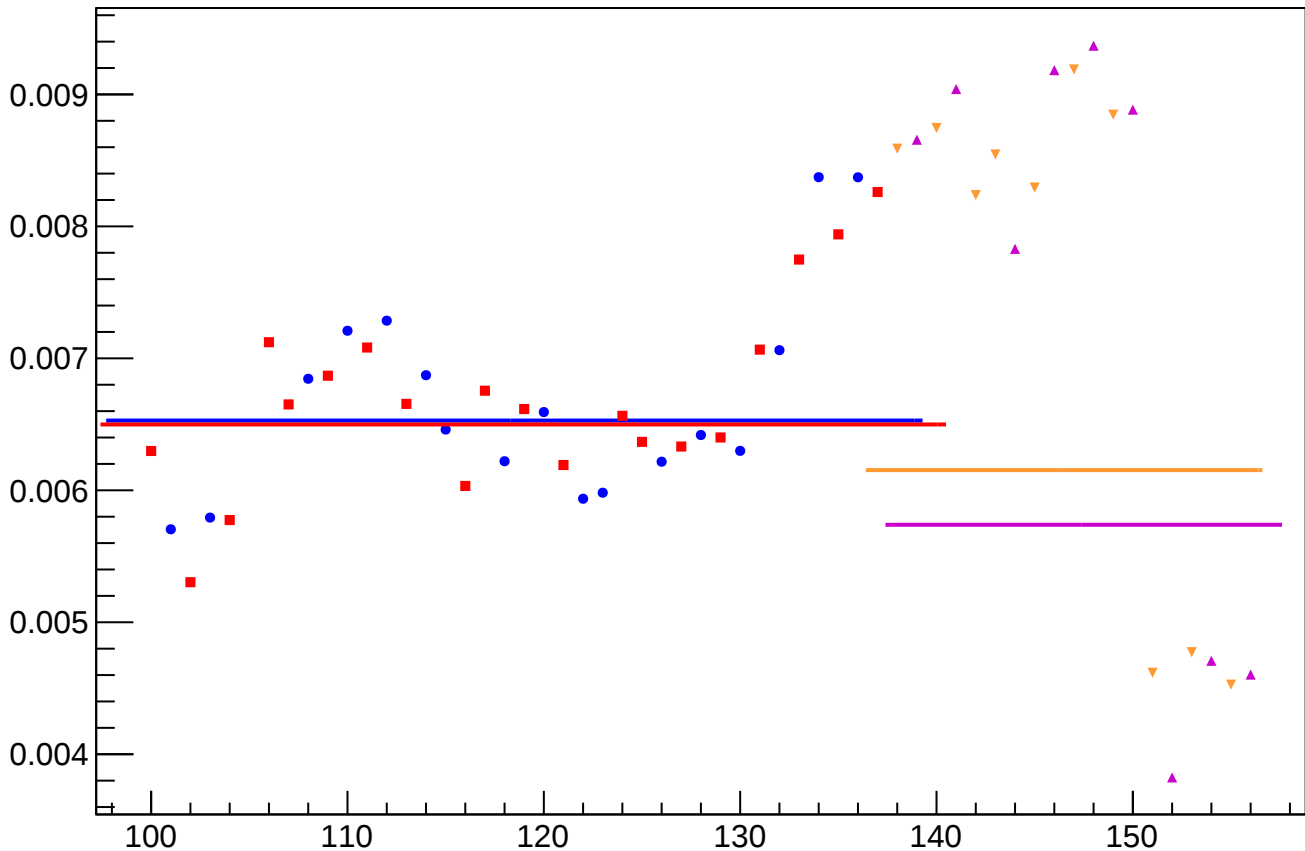
Left In: -2.200 ± 0.000 χ^2/NDF : 63608262412.8/8

-2.202 ± 0.000 χ^2/NDF : 55639736289.5/26

-2.221 ± 0.000 χ^2/NDF : 126635526522.1

-2.239 ± 0.000 χ^2/NDF : 70769249993.5/28

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 176467.7/16

Left Out: 0.006 $\pm$ 0.000 χ^2/NDF : 1287653.4/9

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 164253.8/19

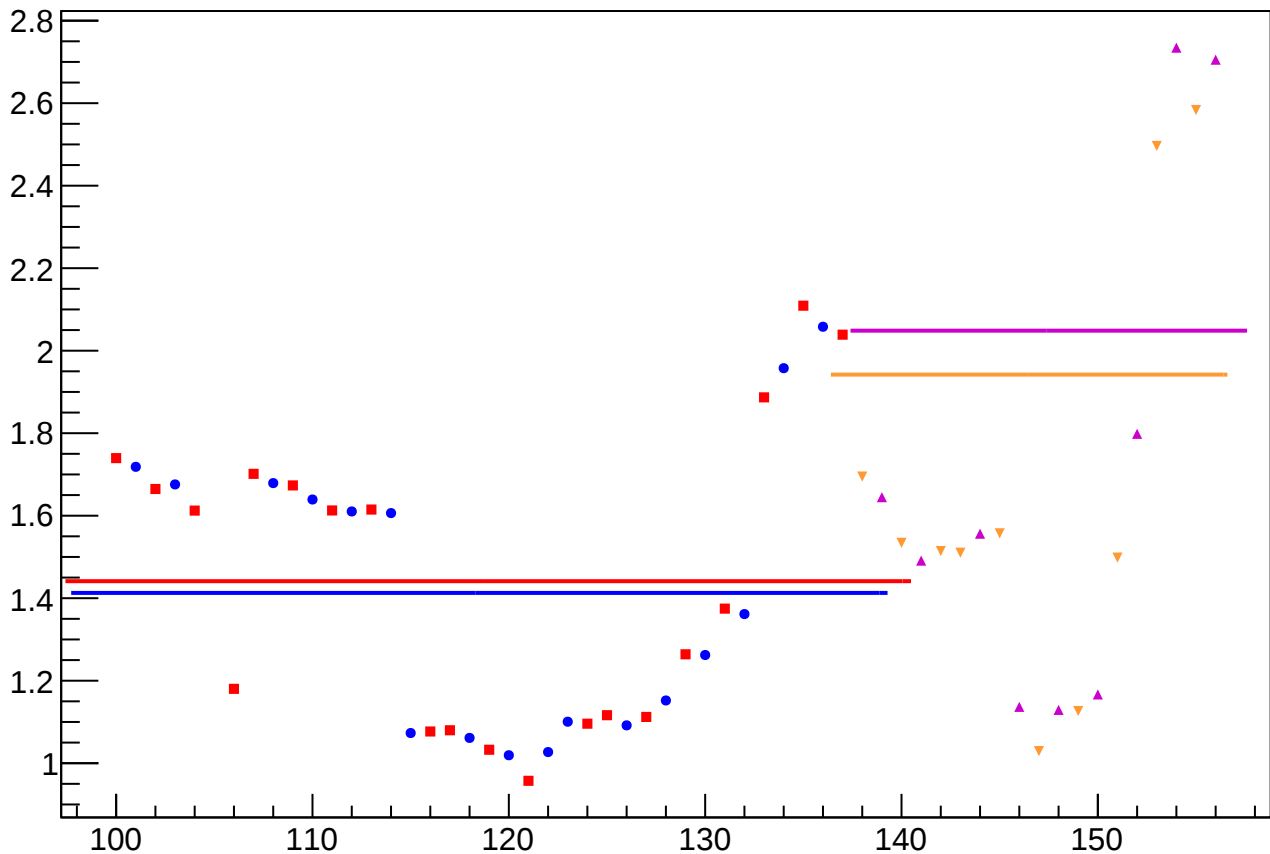
Left In: 0.006 $\pm$ 0.000 χ^2/NDF : 1691306.1/8

0.006 $\pm$ 0.000 χ^2/NDF : 1486652.1/26

0.006 $\pm$ 0.000 χ^2/NDF : 3461439.5/55

0.006 $\pm$ 0.000 χ^2/NDF : 1955663.3/28

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.413+/-0.000 χ^2/NDF : 172560306608.0/16

Left Out: 1.942+/-0.000 χ^2/NDF : 96119477384.5/9

1.509+/-0.000 χ^2/NDF : 346248868025.7/26

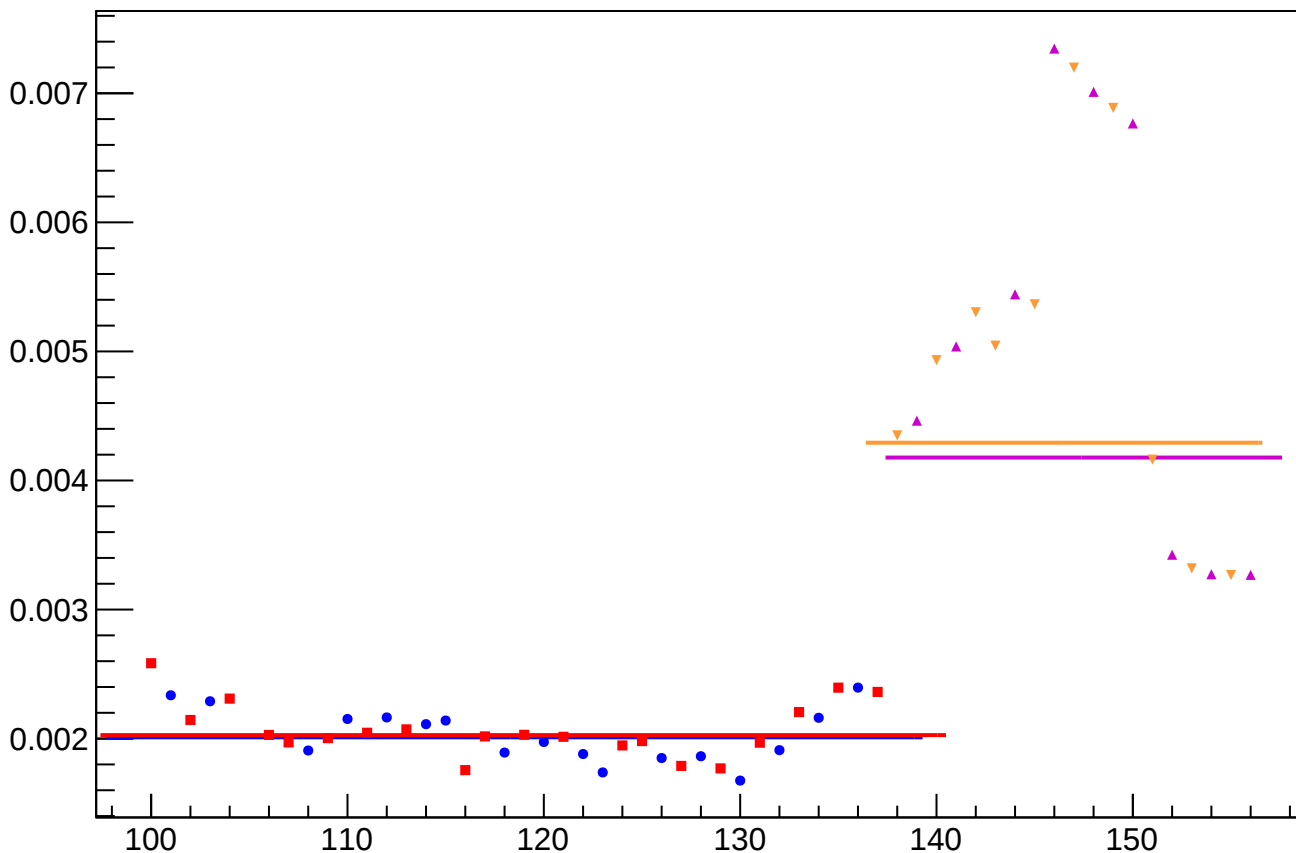
1.530+/-0.000 χ^2/NDF : 751374991050.2/26

Right Out: 1.441+/-0.000 χ^2/NDF : 174346888744.4/19

1.550+/-0.000 χ^2/NDF : 403509934324.1/28

Left In: 2.049+/-0.000 χ^2/NDF : 124295588508.8/8

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 152530.4/16

Left Out: 0.004+/-0.000 χ^2/NDF : 801984.0/9

Right Out: 0.002+/-0.000 χ^2/NDF : 103927.8/19

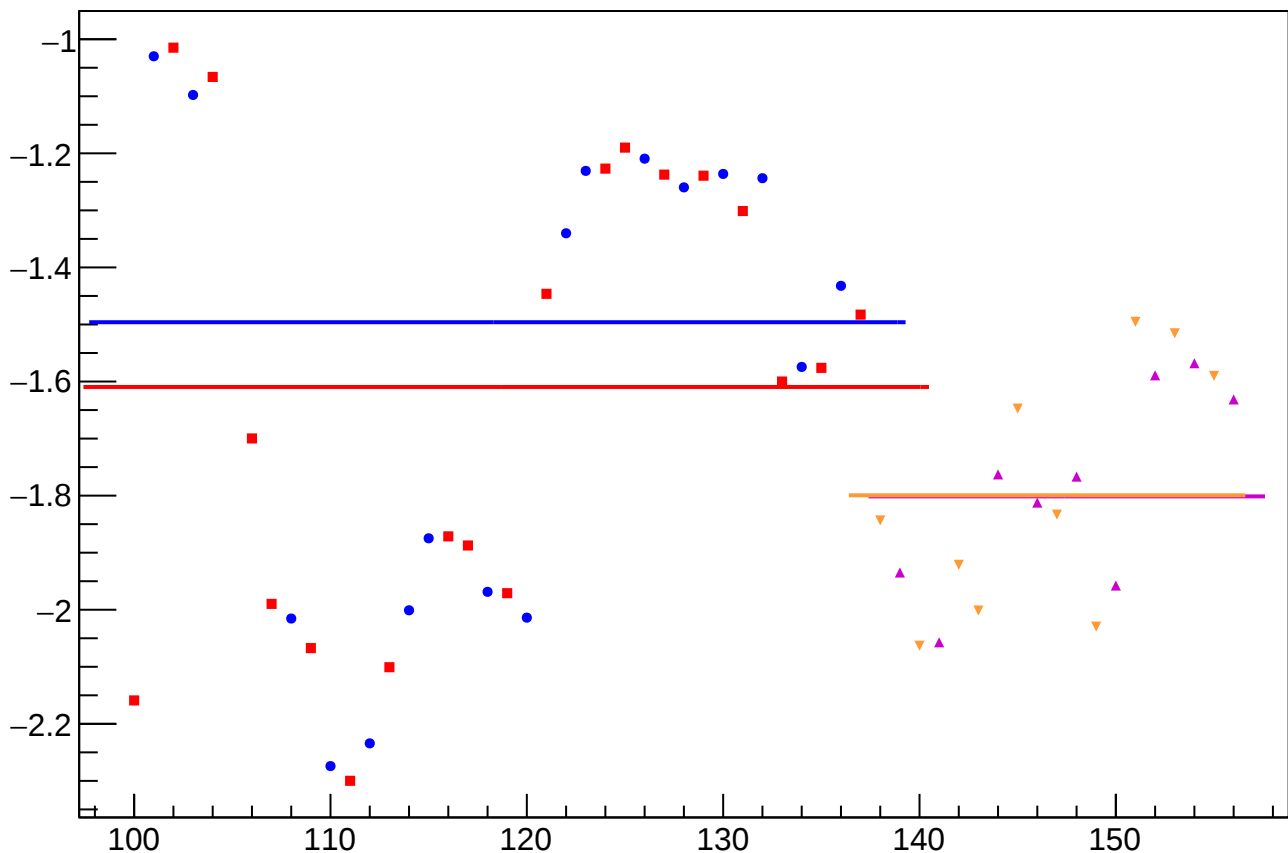
Left In: 0.004+/-0.000 χ^2/NDF : 1087622.9/8

0.002+/-0.000 χ^2/NDF : 3841343.5/26

0.002+/-0.000 χ^2/NDF : 7663062.8/55

0.002+/-0.000 χ^2/NDF : 3821458.7/28

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.496+/-0.000 χ^2/NDF : 22525130000.3/16

Left Out: -1.799+/-0.000 χ^2/NDF : 8525137045.2/9

Right Out: -1.610+/-0.000 χ^2/NDF : 27919840690.9/19

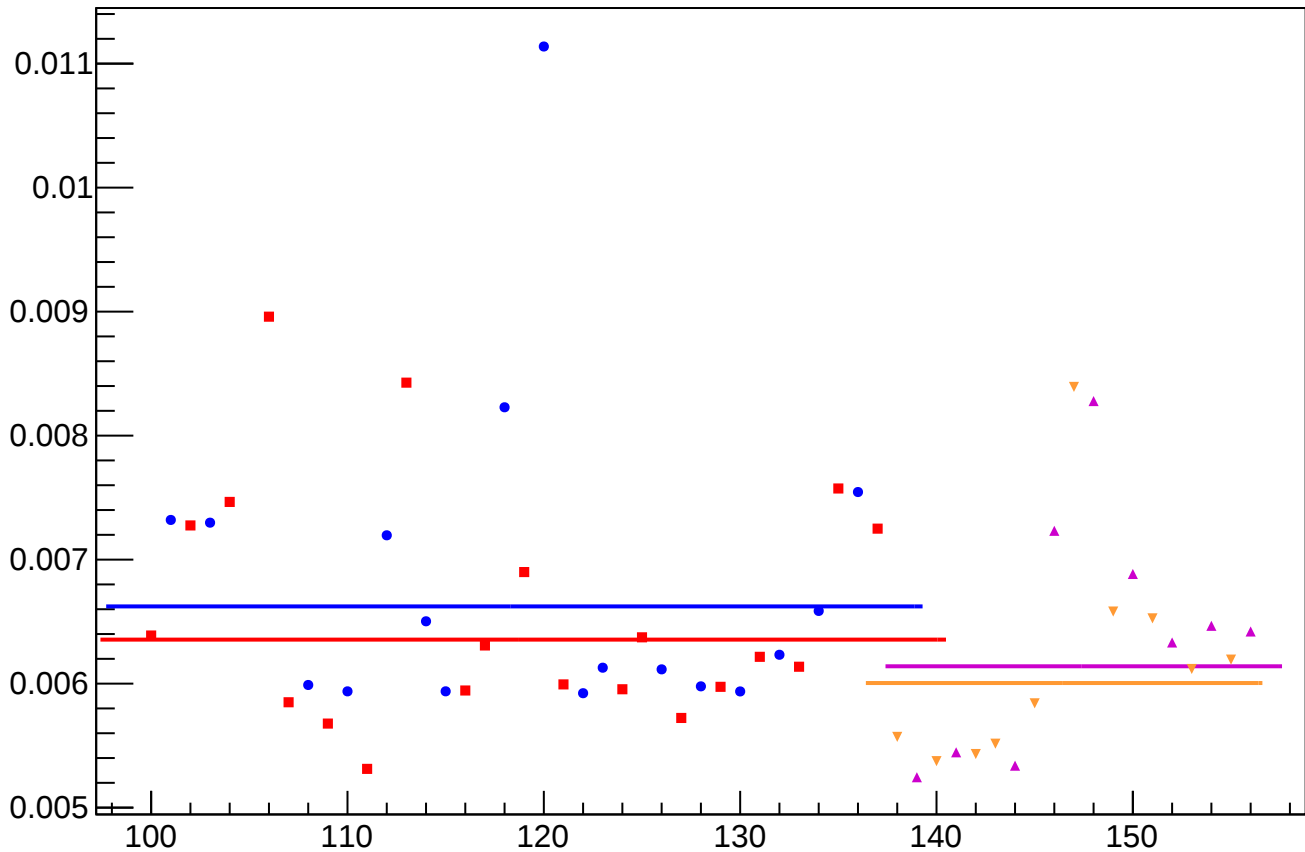
Left In: -1.801+/-0.000 χ^2/NDF : 5145420724.7/8

-1.672+/-0.000 χ^2/NDF : 38452705883.5/26

-1.691+/-0.000 χ^2/NDF : 74891851054.2/26

-1.709+/-0.000 χ^2/NDF : 36204043579.2/28

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 232630.4/16

Left Out: 0.006 $\pm$ 0.000 χ^2/NDF : 186261.0/9

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 227865.9/19

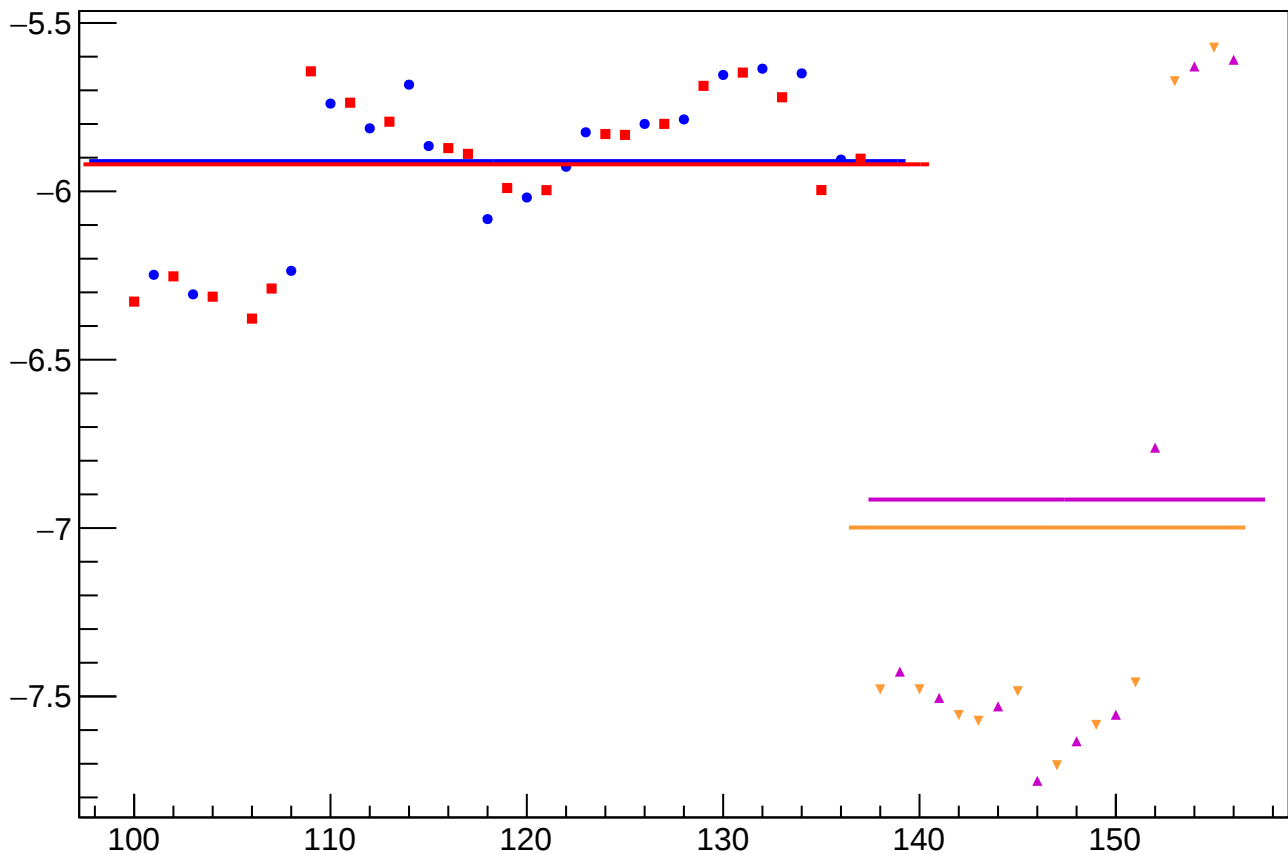
Left In: 0.006 $\pm$ 0.000 χ^2/NDF : 256537.0/8

0.006 $\pm$ 0.000 χ^2/NDF : 480305.3/26

0.006 $\pm$ 0.000 χ^2/NDF : 972762.5/55

0.006 $\pm$ 0.000 χ^2/NDF : 492299.3/28

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.910+/-0.000 χ^2/NDF : 11154434512.7/16

Left Out: -6.998+/-0.000 χ^2/NDF : 70133851169.9/9

Right Out: -5.920+/-0.000 χ^2/NDF : 12786449843.6/19

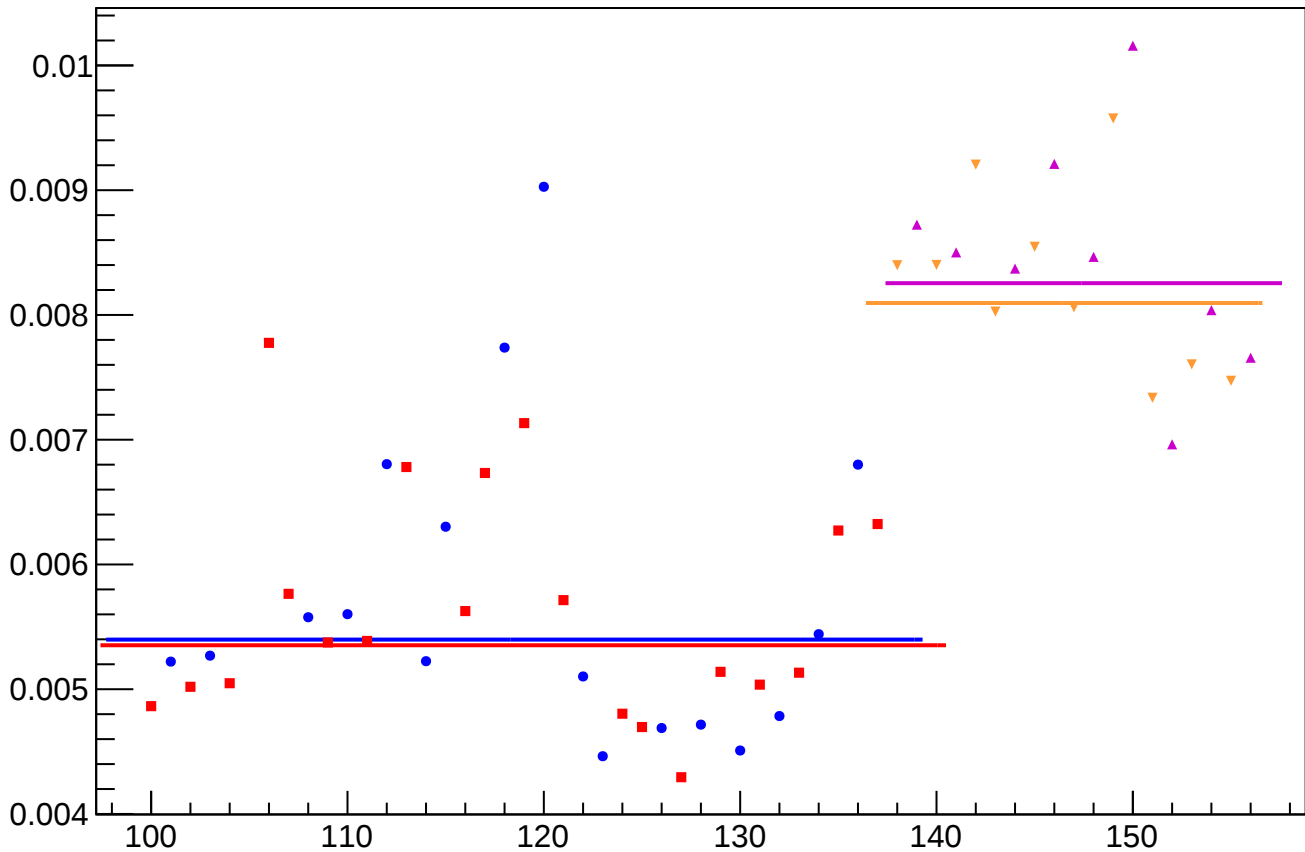
Left In: -6.915+/-0.000 χ^2/NDF : 63746494521.6/8

-6.255+/-0.000 χ^2/NDF : 157468272419.6/26

-6.232+/-0.000 χ^2/NDF : 298932957356.4

-6.210+/-0.000 χ^2/NDF : 141150518502.6/28

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.000 $\chi^2/\text{NDF}: 371347.4/16$

Left Out: 0.008 $\pm$ 0.000 $\chi^2/\text{NDF}: 80068.3/9$

Right Out: 0.005 $\pm$ 0.000 $\chi^2/\text{NDF}: 252664.1/19$

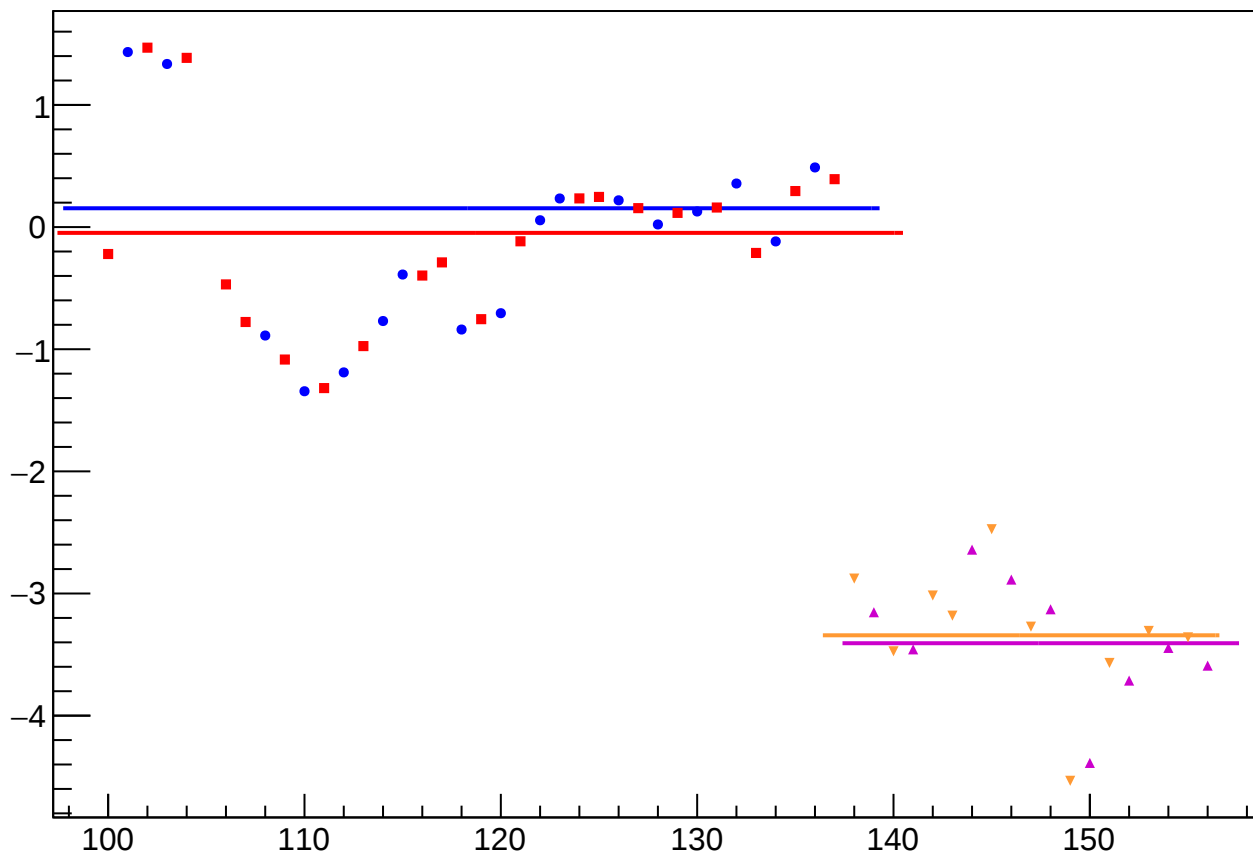
Left In: 0.008 $\pm$ 0.000 $\chi^2/\text{NDF}: 131216.4/8$

0.006 $\pm$ 0.000 $\chi^2/\text{NDF}: 1387907.9/26$

0.006 $\pm$ 0.000 $\chi^2/\text{NDF}: 2871033.7/55$

0.006 $\pm$ 0.000 $\chi^2/\text{NDF}: 1482203.0/28$

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.154+/-0.000 χ^2/NDF : 16988256953.8/16

Left Out: -3.342+/-0.000 χ^2/NDF : 6544093687.7/9

Right Out: -0.047+/-0.000 χ^2/NDF : 21216074494.2/19

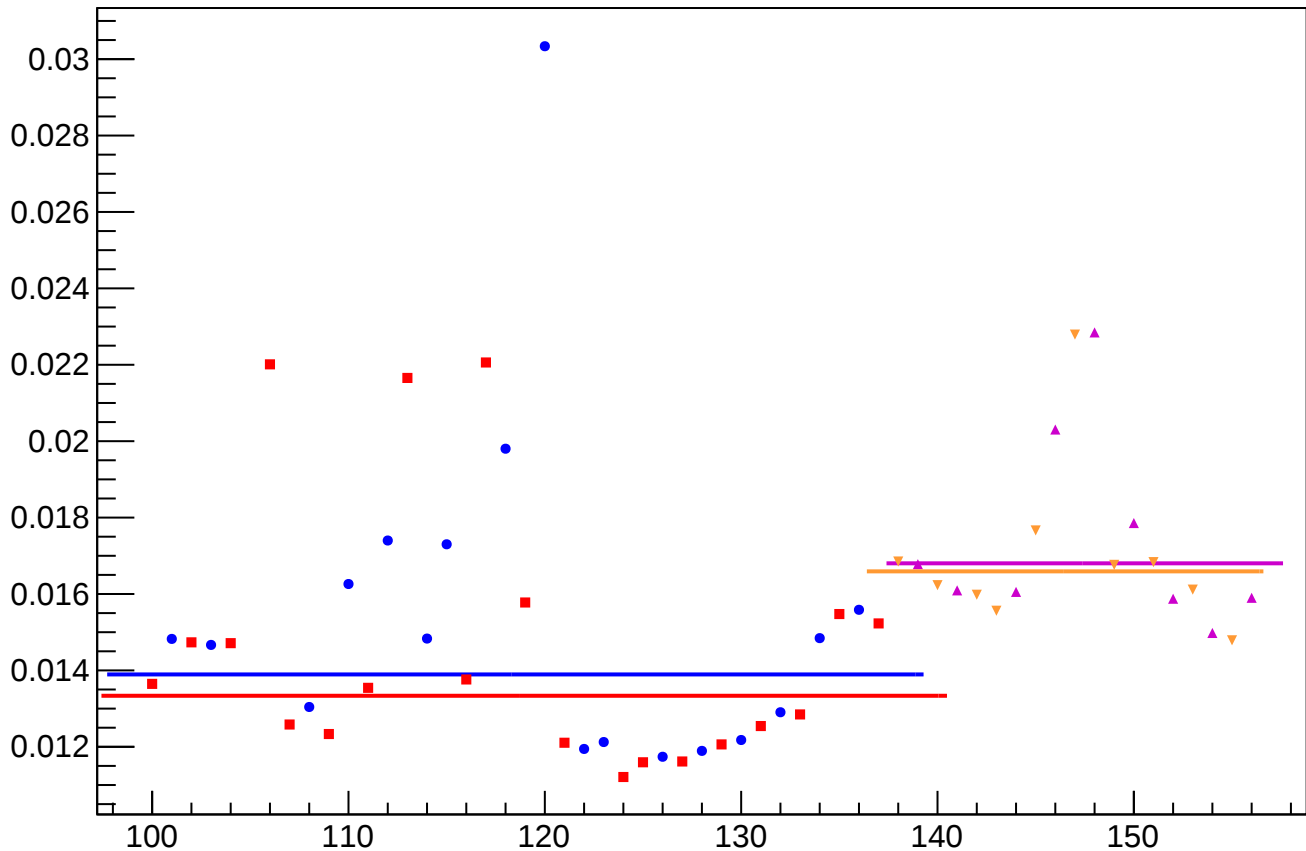
Left In: -3.407+/-0.000 χ^2/NDF : 5416433926.0/8

-1.420+/-0.000 χ^2/NDF : 192312163909.1/26

-1.401+/-0.000 χ^2/NDF : 382880645558.7

-1.384+/-0.000 χ^2/NDF : 190530766009.5/28

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2/NDF : 400569.4/16

Left Out: 0.017 $\pm$ 0.000 χ^2/NDF : 142550.7/9

Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 303459.9/19

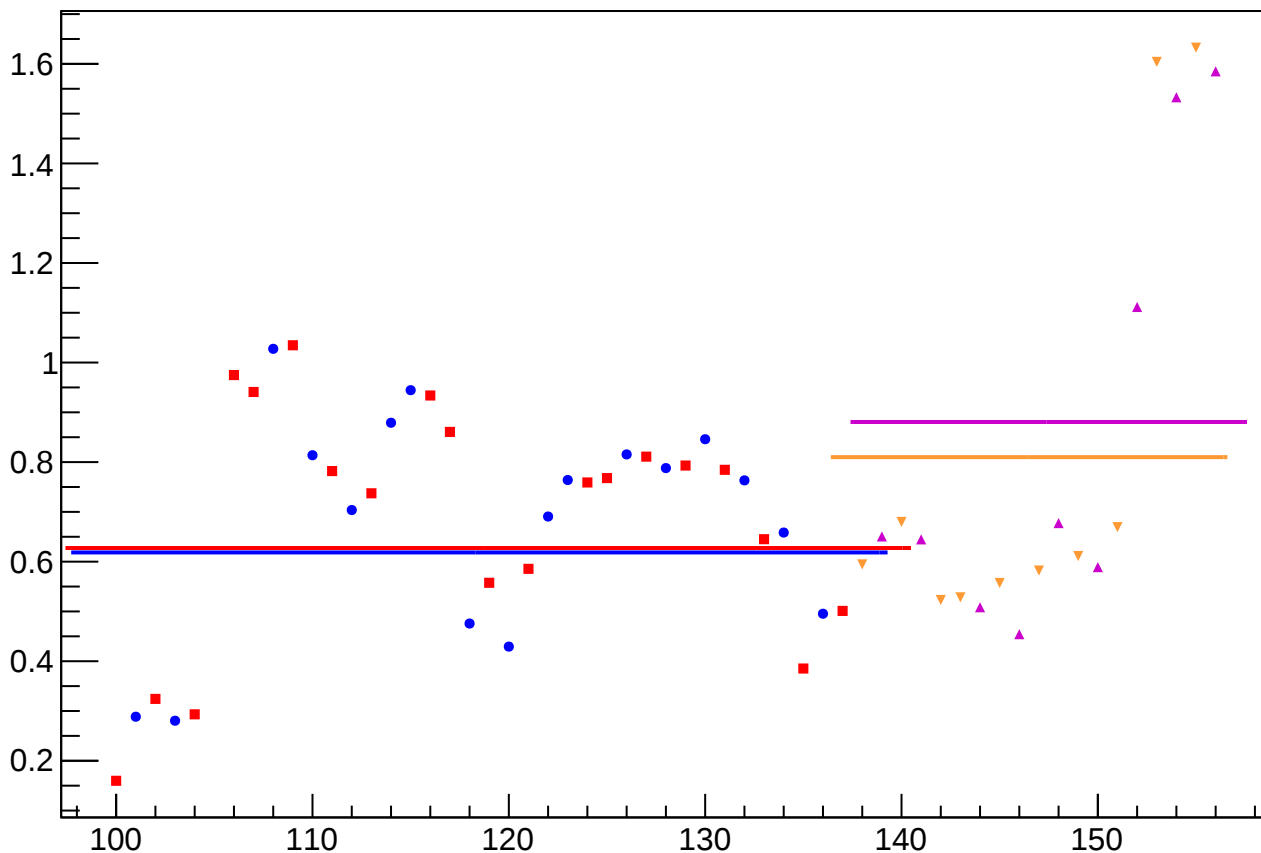
Left In: 0.017 $\pm$ 0.000 χ^2/NDF : 190297.0/8

0.015 $\pm$ 0.000 χ^2/NDF : 744126.5/26

0.015 $\pm$ 0.000 χ^2/NDF : 1595939.2/55

0.015 $\pm$ 0.000 χ^2/NDF : 842797.4/28

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.619+/-0.000 χ^2/NDF : 5416939288.1/16

Left Out: 0.810+/-0.000 χ^2/NDF : 20237846077.6/9

Right Out: 0.627+/-0.000 χ^2/NDF : 6345684740.0/19

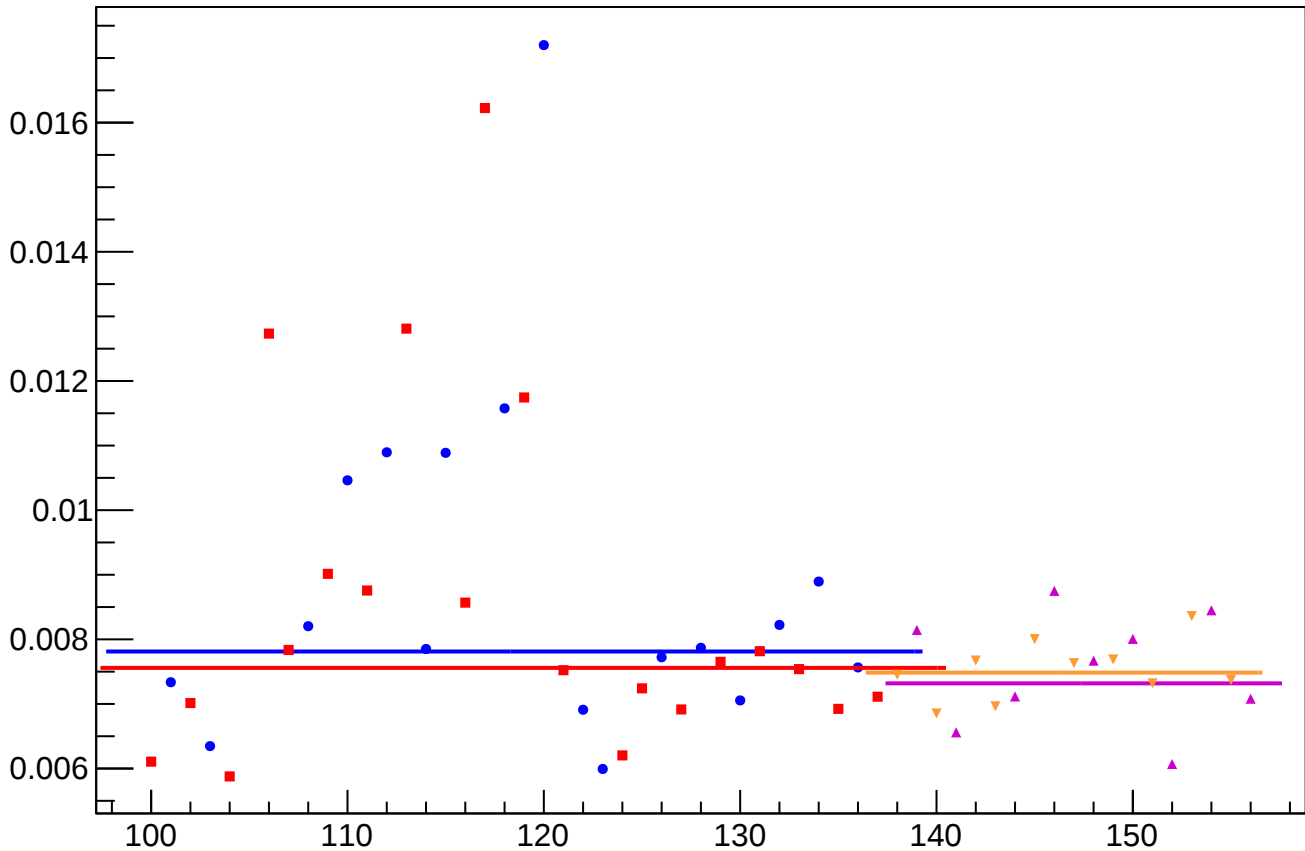
Left In: 0.881+/-0.000 χ^2/NDF : 20010383191.7/8

0.725+/-0.000 χ^2/NDF : 27590615024.3/26

0.744+/-0.000 χ^2/NDF : 57822143800.8/5

0.762+/-0.000 χ^2/NDF : 30072548186.0/28

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 : 45012.8/9

Right Out: 0.008+/-0.000 χ^2/NDF : 463232.7/19

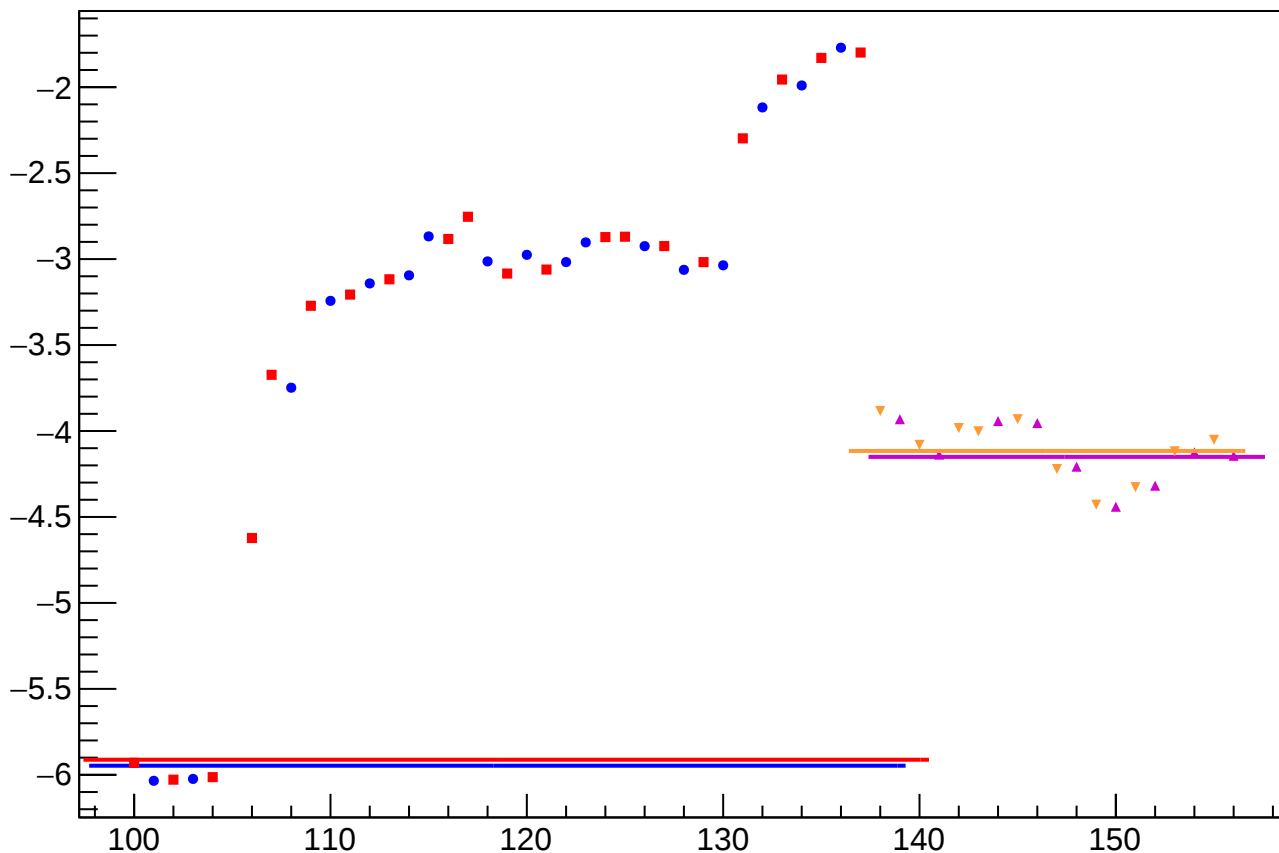
Left In: 0.007+/-0.000 χ^2/NDF : 182781.1/8

0.008+/-0.000 χ^2/NDF : 523116.8/26

0.008+/-0.000 χ^2/NDF : 1184731.3/55

0.007+/-0.000 χ^2/NDF : 652676.4/28

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.947+/-0.000 χ^2/NDF : 13165963559.5/16

Left Out: -4.116+/-0.000 χ^2/NDF : 29422563.9/9

-5.911+/-0.000 χ^2/NDF : 16294234621.8/26

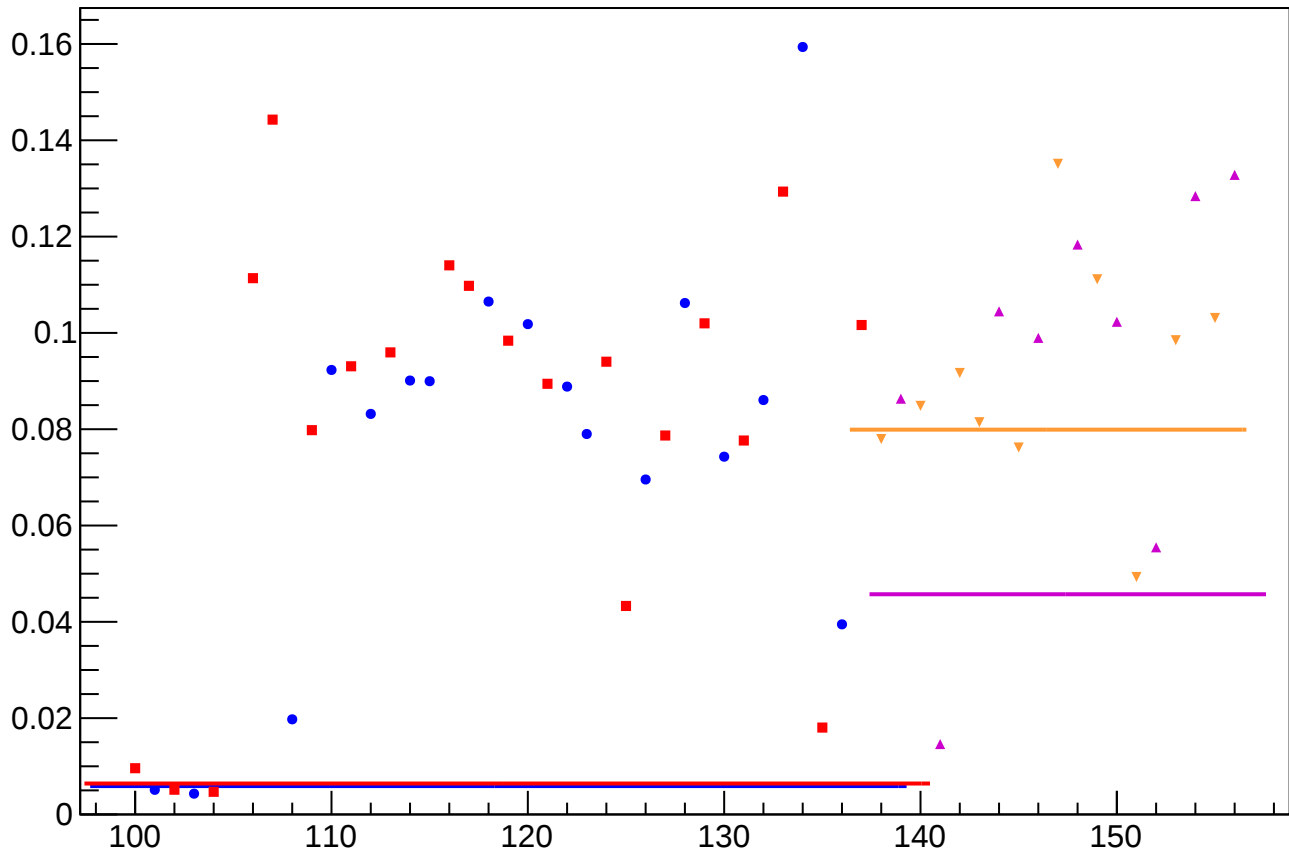
Right Out: -5.912+/-0.000 χ^2/NDF : 14648055548.9/19

-5.882+/-0.000 χ^2/NDF : 35505945554.7/3

-5.846+/-0.000 χ^2/NDF : 19119221061.8/28

Left In: -4.151+/-0.000 χ^2/NDF : 20959617.7/8

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7934545.2/16

Left Out: 0.080+/-0.000 χ^2/NDF : 929153.2/9

Right Out: 0.006+/-0.000 χ^2/NDF : 8558731.2/19

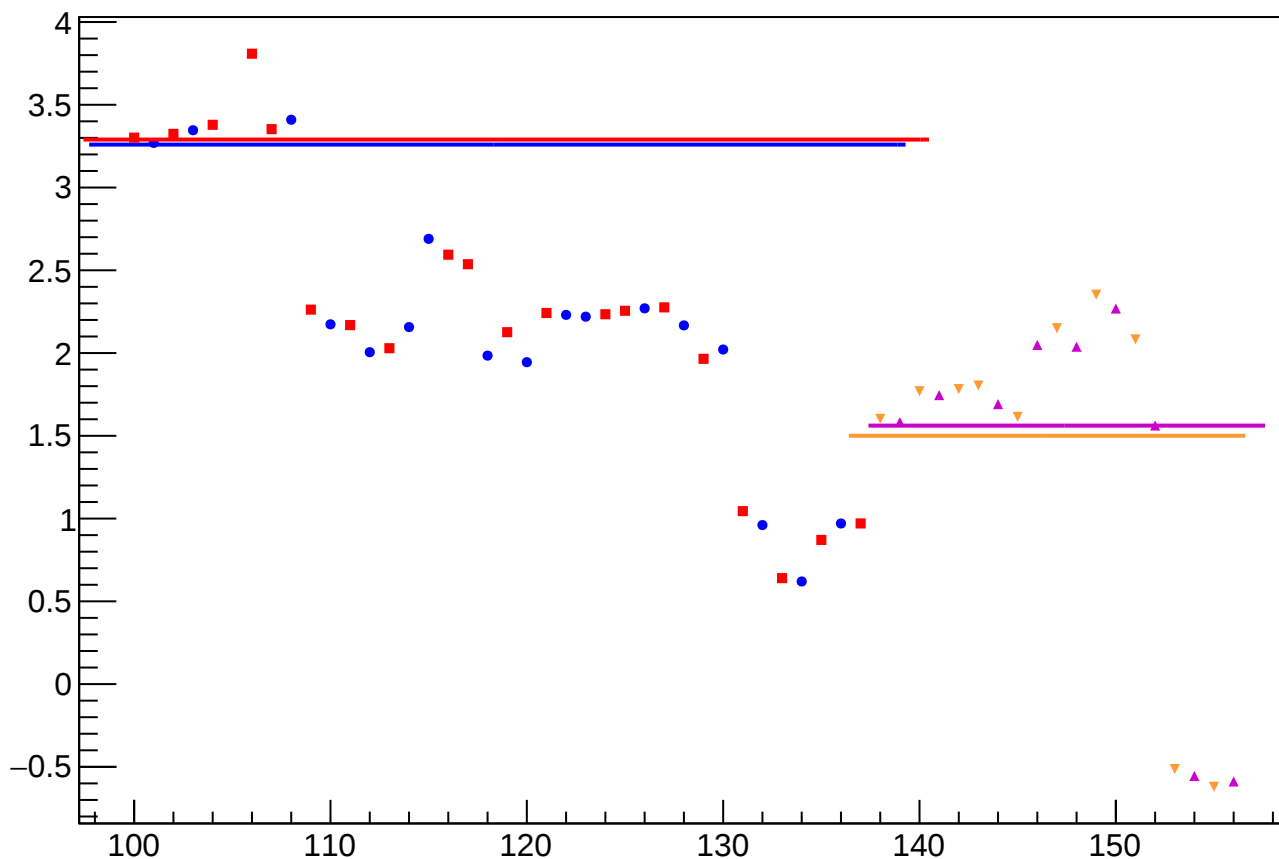
Left In: 0.046+/-0.000 χ^2/NDF : 4983497.2/8

0.007+/-0.000 χ^2/NDF : 18993018.6/26

0.008+/-0.000 χ^2/NDF : 36979981.7/55

0.008+/-0.000 χ^2/NDF : 17973022.1/28

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.259 $\pm$ 0.000 χ^2 /NDF: 2921931976.8/16

Left Out: 1.500 $\pm$ 0.000 χ^2 /NDF: 725729137.1/9

Right Out: 3.290 $\pm$ 0.000 χ^2 /NDF: 3263300926.6/19

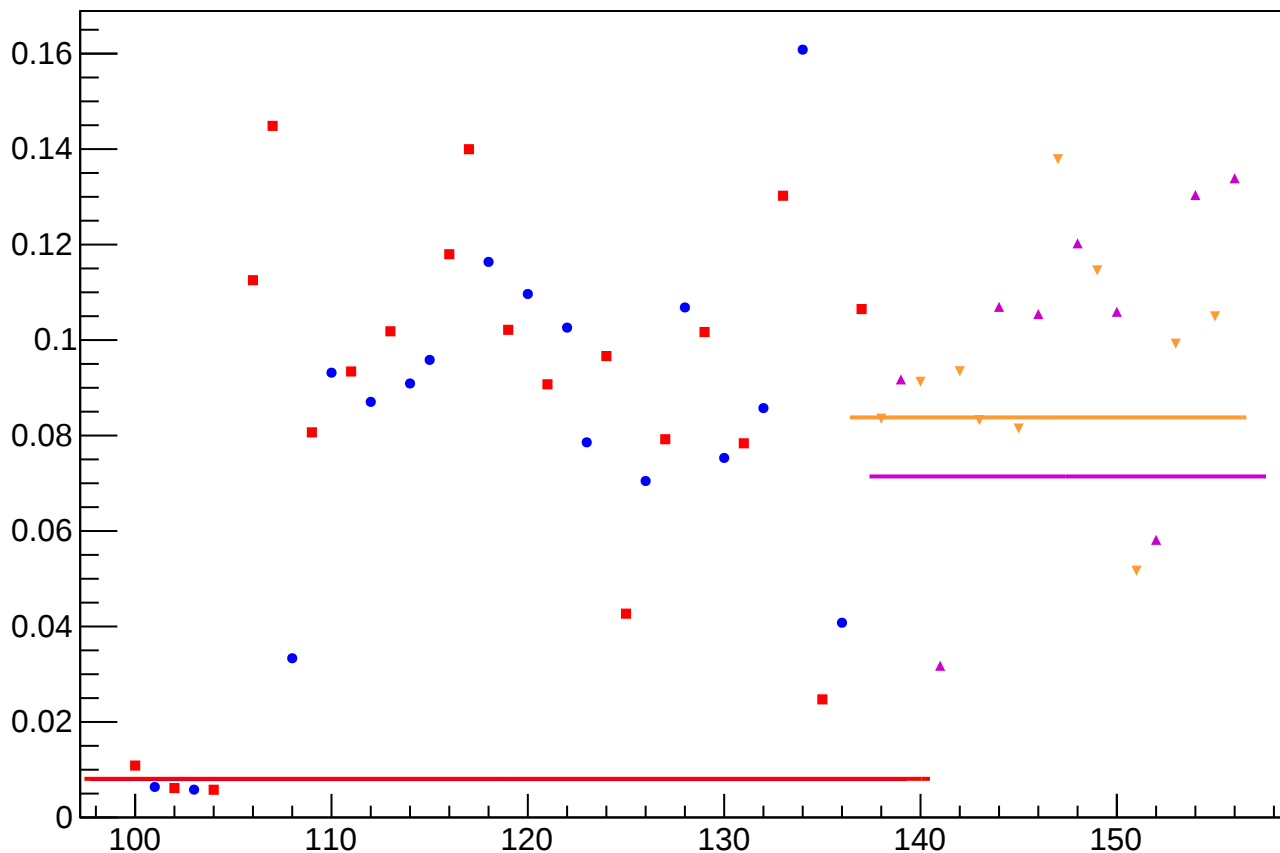
Left In: 1.562 $\pm$ 0.000 χ^2 /NDF: 430390374.3/8

3.208 $\pm$ 0.000 χ^2 /NDF: 6239151912.1/26

3.220 $\pm$ 0.000 χ^2 /NDF: 12523516993.5/5

3.233 $\pm$ 0.000 χ^2 /NDF: 6275295122.1/28

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 7742048.1/16

Left Out: 0.084 $\pm$ 0.000 χ^2 /NDF: 860552.3/9

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 8375005.0/19

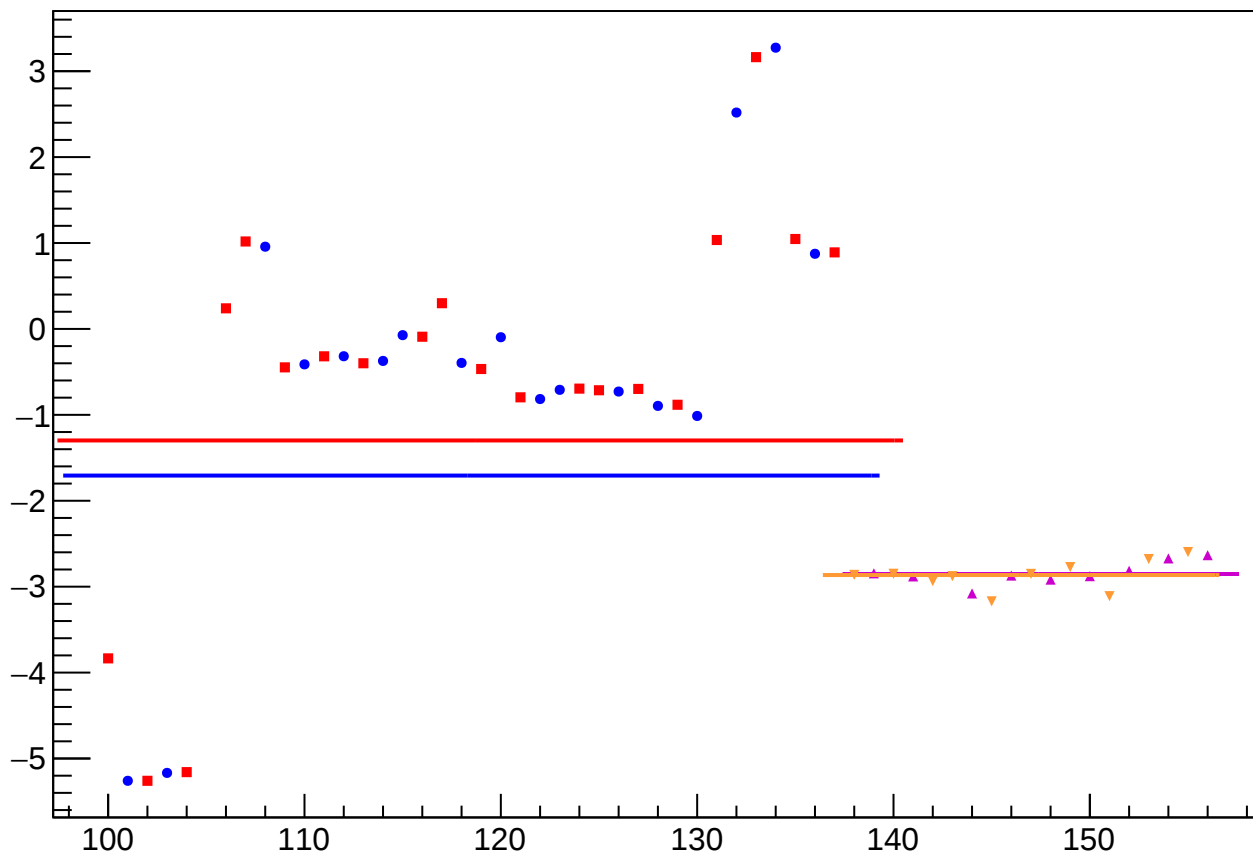
Left In: 0.071 $\pm$ 0.000 χ^2 /NDF: 2404793.9/8

0.010 $\pm$ 0.000 χ^2 /NDF: 18214626.0/26

0.010 $\pm$ 0.000 χ^2 /NDF: 35929633.0/55

0.010 $\pm$ 0.000 χ^2 /NDF: 17714806.5/28

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.707+/-0.000 χ^2/NDF : 166125579390.4/16

Left Out: -2.865+/-0.000 χ^2/NDF : 3375582238.7/9

Right Out: -1.298+/-0.000 χ^2/NDF : 178085926993.4/19

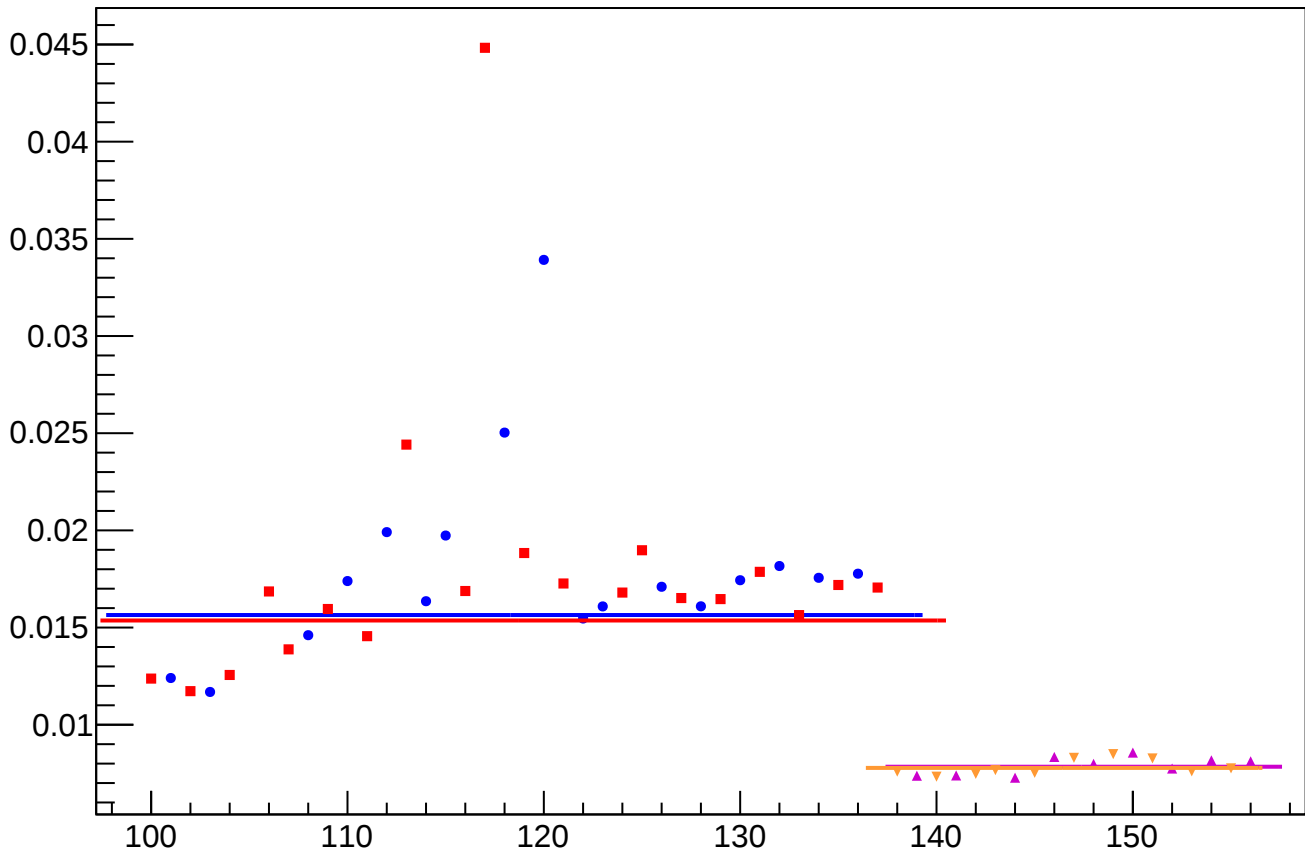
Left In: -2.852+/-0.000 χ^2/NDF : 1820942940.4/8

-2.674+/-0.000 χ^2/NDF : 195141546169.5/26

-2.617+/-0.000 χ^2/NDF : 427620743535.5

-2.559+/-0.000 χ^2/NDF : 231562851769.1/28

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 : 32524.6/9

Right Out: 0.015+/-0.000 χ^2/NDF : 387283.2/19

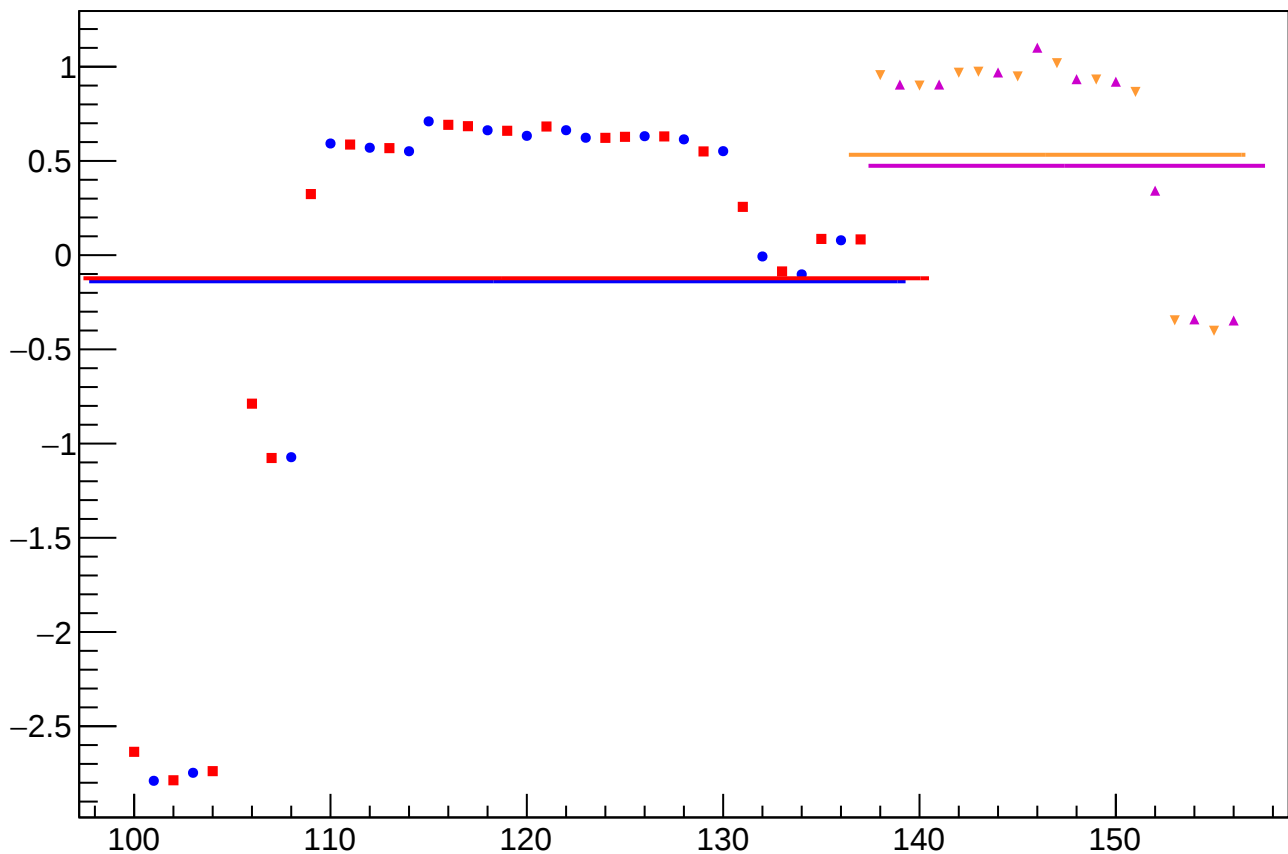
Left In: 0.008+/-0.000 χ^2/NDF : 43793.6/8

0.009+/-0.000 χ^2/NDF : 2978390.1/26

0.009+/-0.000 χ^2/NDF : 5835138.9/55

0.009+/-0.000 χ^2/NDF : 2851979.9/28

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.000 χ^2/NDF : 715049983856.2/16

Left Out: 0.533+/-0.000 χ^2/NDF : 57903434824.7/9

0.018+/-0.000 χ^2/NDF : 826751174868.9/26

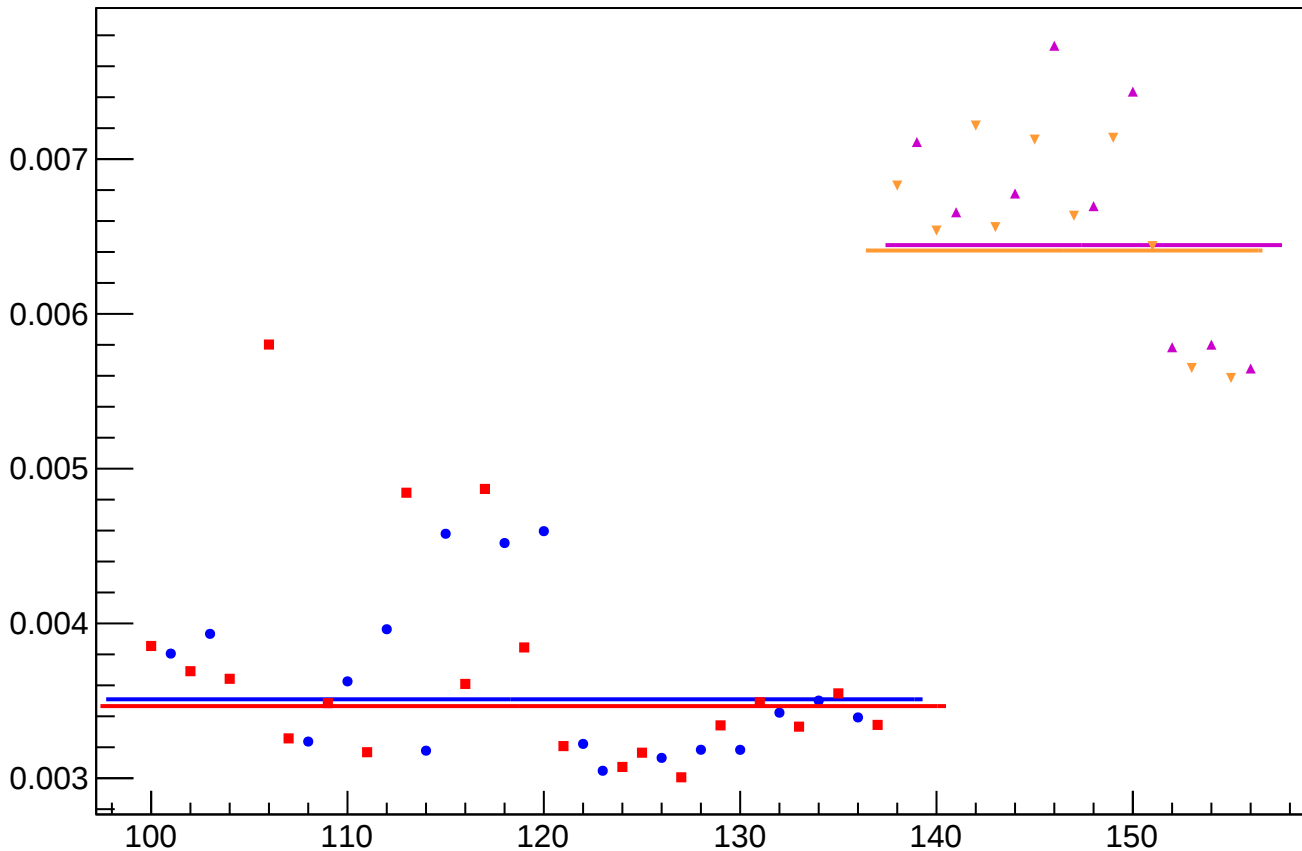
Right Out: -0.123+/-0.000 χ^2/NDF : 762580598699.5/19

0.012+/-0.000 χ^2/NDF : 1684275116820.7

0.007+/-0.000 χ^2/NDF : 857483106539.0/28

Left In: 0.474+/-0.000 χ^2/NDF : 51440726082.8/8

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 171337.9/16

Left Out: 0.006+/-0.000 χ^2/NDF :104933.1/9

Right Out: 0.003+/-0.000 χ^2/NDF : 222524.1/19

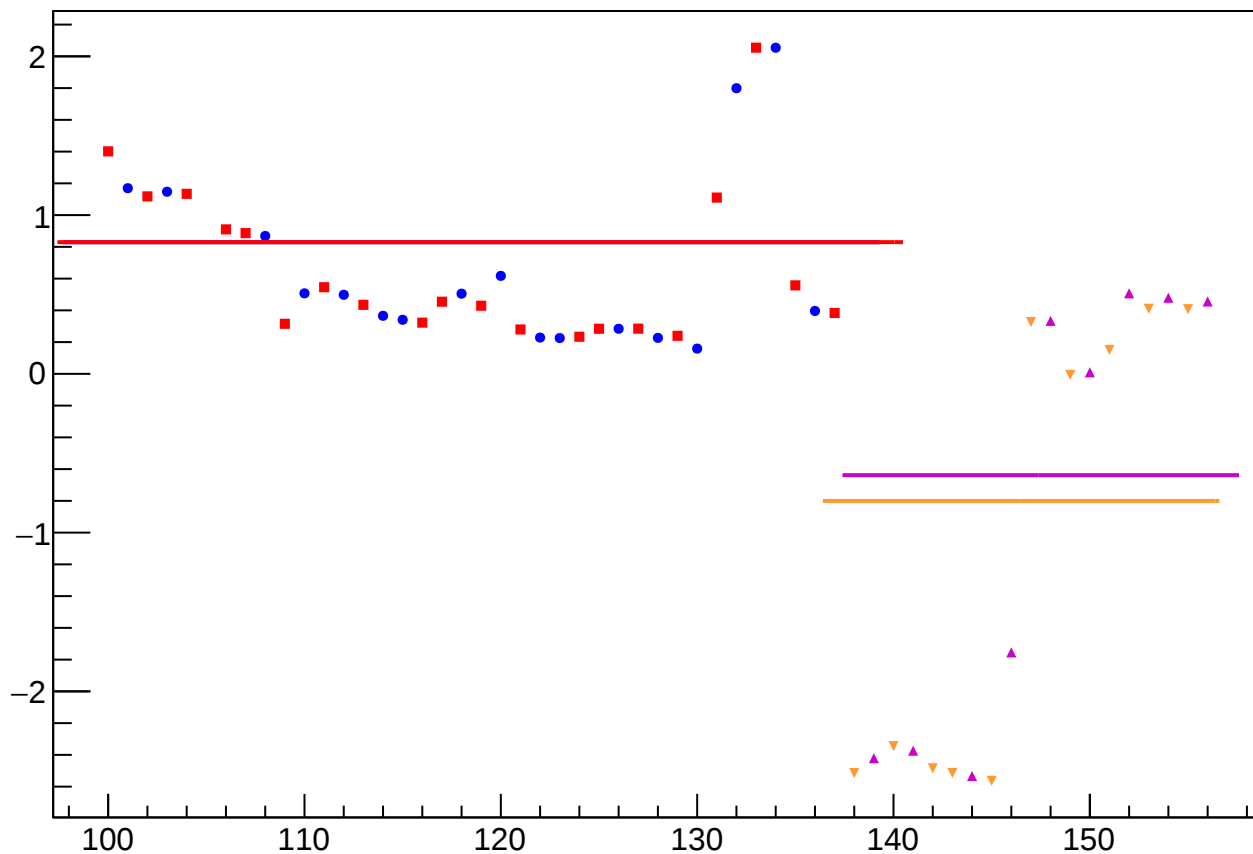
Left In: 0.006+/-0.000 χ^2/NDF :148560.6/8

0.004+/-0.000 χ^2/NDF : 2282771.5/26

0.004+/-0.000 χ^2/NDF : 4821438.6/55

0.004+/-0.000 χ^2/NDF : 2534971.0/28

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.829+/-0.000 χ^2/NDF : 31718573821.2/16

Left Out: -0.800+/-0.000 χ^2/NDF : 338328781302.0/9

Right Out: 0.830+/-0.000 χ^2/NDF : 33349713412.0/19

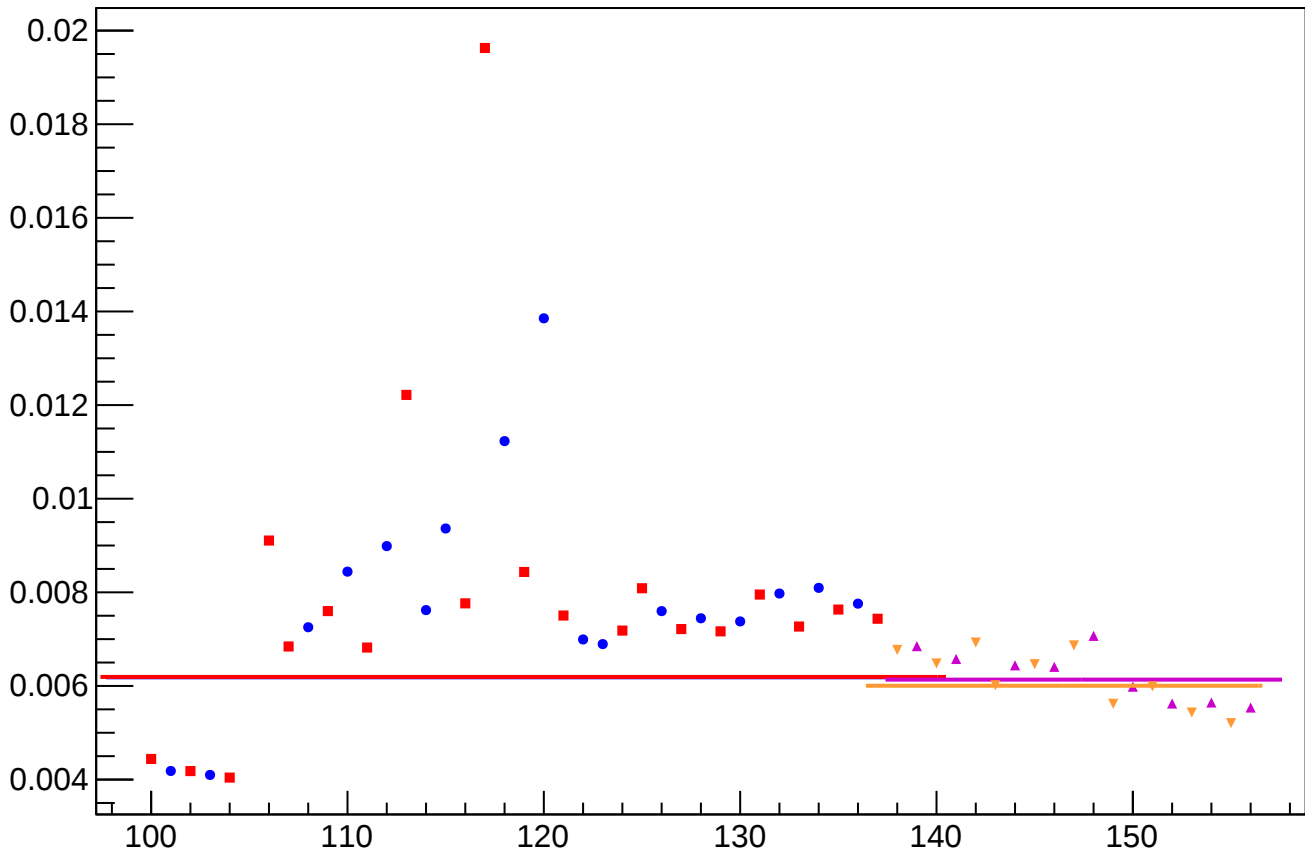
Left In: -0.638+/-0.000 χ^2/NDF : 303999464519.7/8

-0.106+/-0.000 χ^2/NDF : 581661725670.5/26

-0.035+/-0.000 χ^2/NDF : 1099615010017.0

0.034+/-0.000 χ^2/NDF : 514731579435.1/28

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 :128450.2/9

Right Out: 0.006+/-0.000 χ^2/NDF : 1062886.2/19

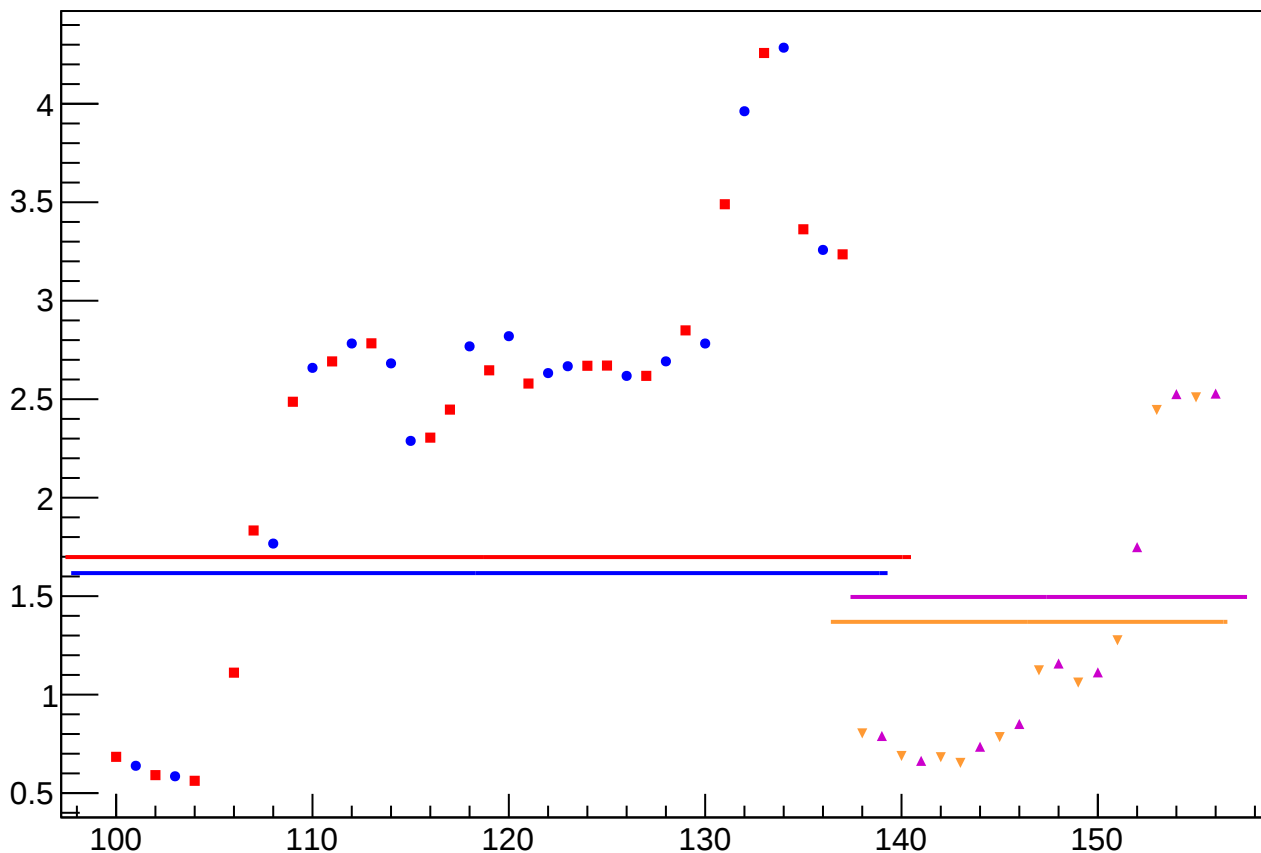
Left In: 0.006+/-0.000 χ^2/NDF :95977.9/8

0.006+/-0.000 χ^2/NDF : 1362590.9/26

0.006+/-0.000 χ^2/NDF : 2524098.5/55

0.006+/-0.000 χ^2/NDF : 1159407.8/28

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.617 $\pm$ 0.000 χ^2/NDF : 202886791000.7/16

Left Out: 1.370 $\pm$ 0.000 χ^2/NDF : 103384349291.2/9

Right Out: 1.698 $\pm$ 0.000 χ^2/NDF : 227436227264.4/19

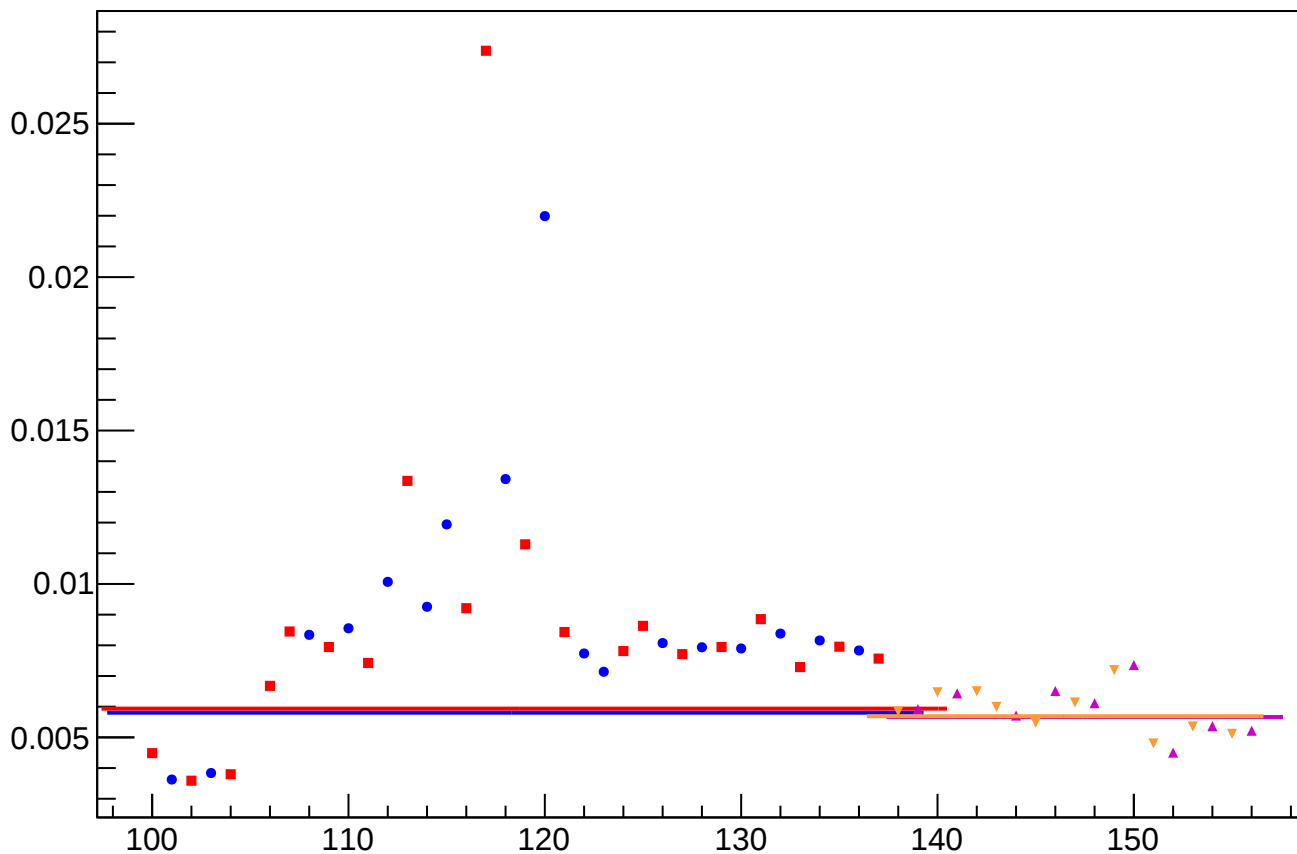
Left In: 1.496 $\pm$ 0.000 χ^2/NDF : 104384236344.0/8

1.475 $\pm$ 0.000 χ^2/NDF : 311286911309.4/26

1.531 $\pm$ 0.000 χ^2/NDF : 648649414403.6/26

1.585 $\pm$ 0.000 χ^2/NDF : 335330211925.7/28

yield_bpm0I05Y_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 :169616.6/9

Right Out: 0.006+/-0.000 χ^2/NDF : 1731283.0/19

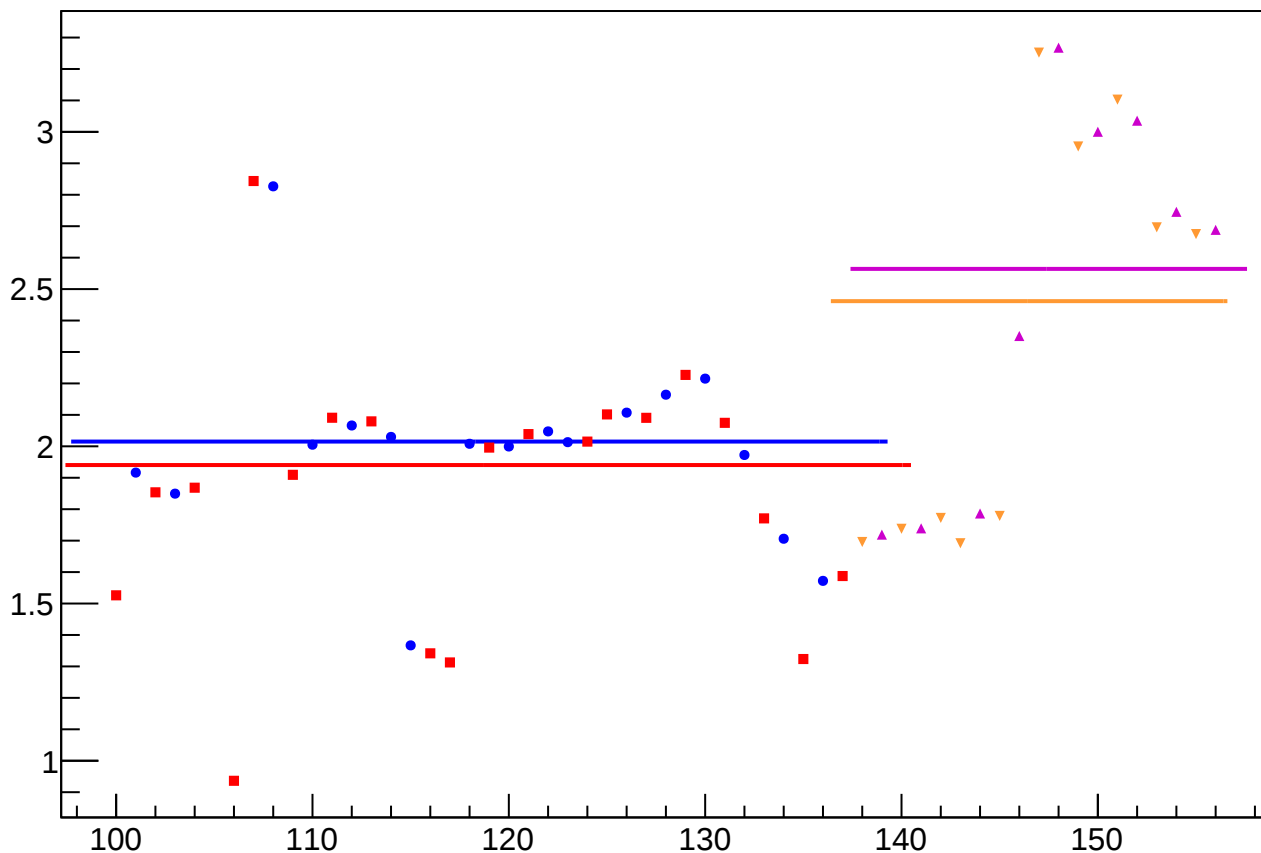
Left In: 0.006+/-0.000 χ^2/NDF :244142.7/8

0.006+/-0.000 χ^2/NDF : 2089817.6/26

0.006+/-0.000 χ^2/NDF : 4078742.0/55

0.006+/-0.000 χ^2/NDF : 1988247.0/28

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.015 $\pm$ 0.000 χ^2 /NDF: 12228403202.6/16

Left Out: 2.462 $\pm$ 0.000 χ^2 /NDF: 44288882341.7/9

Right Out: 1.940 $\pm$ 0.000 χ^2 /NDF: 21732099424.5/19

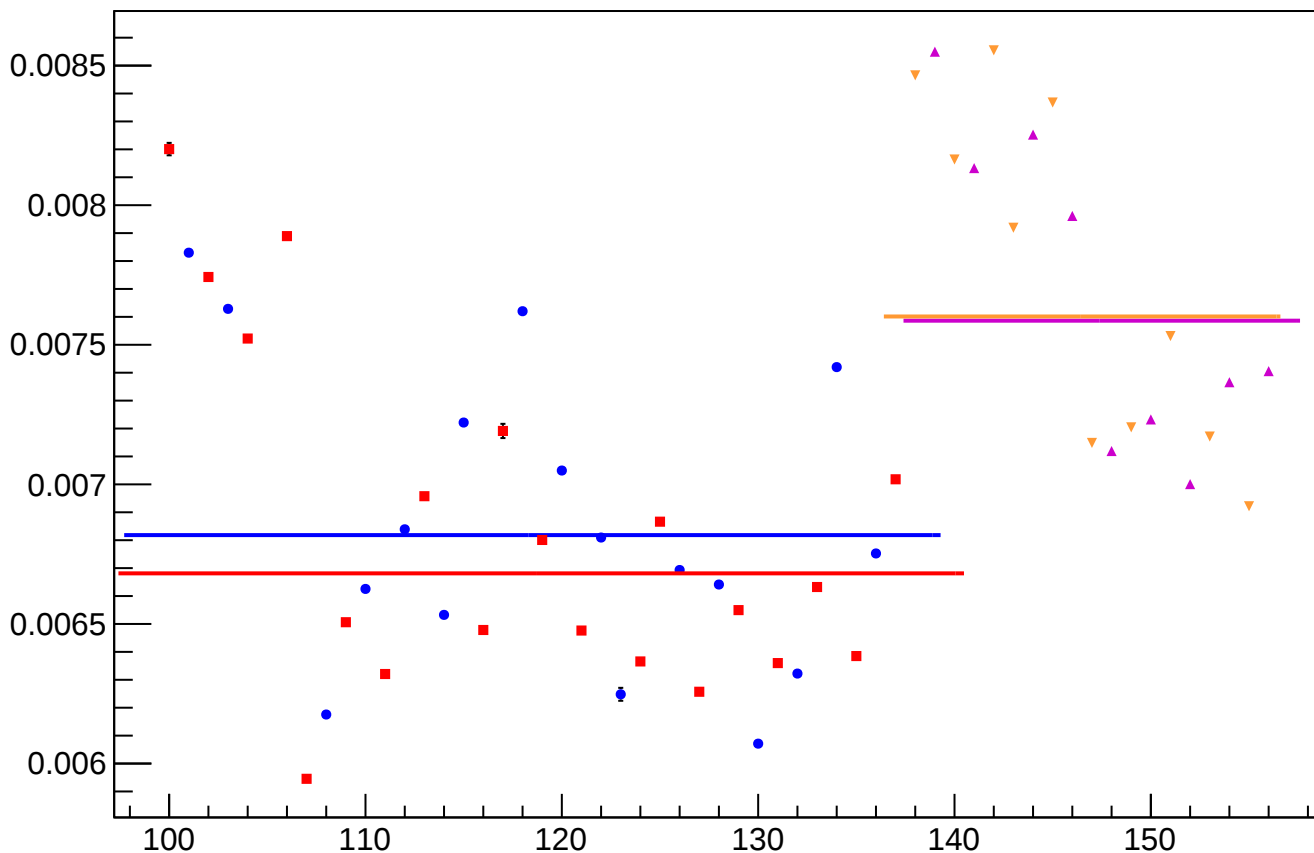
Left In: 2.564 $\pm$ 0.000 χ^2 /NDF: 37472618532.7/8

2.224 $\pm$ 0.000 χ^2 /NDF: 69265505473.1/26

2.220 $\pm$ 0.000 χ^2 /NDF: 154770913365.8/

2.216 $\pm$ 0.000 χ^2 /NDF: 85497503343.4/28

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 : 76512.6/9

Right Out: 0.007+/-0.000 χ^2/NDF : 76121.2/19

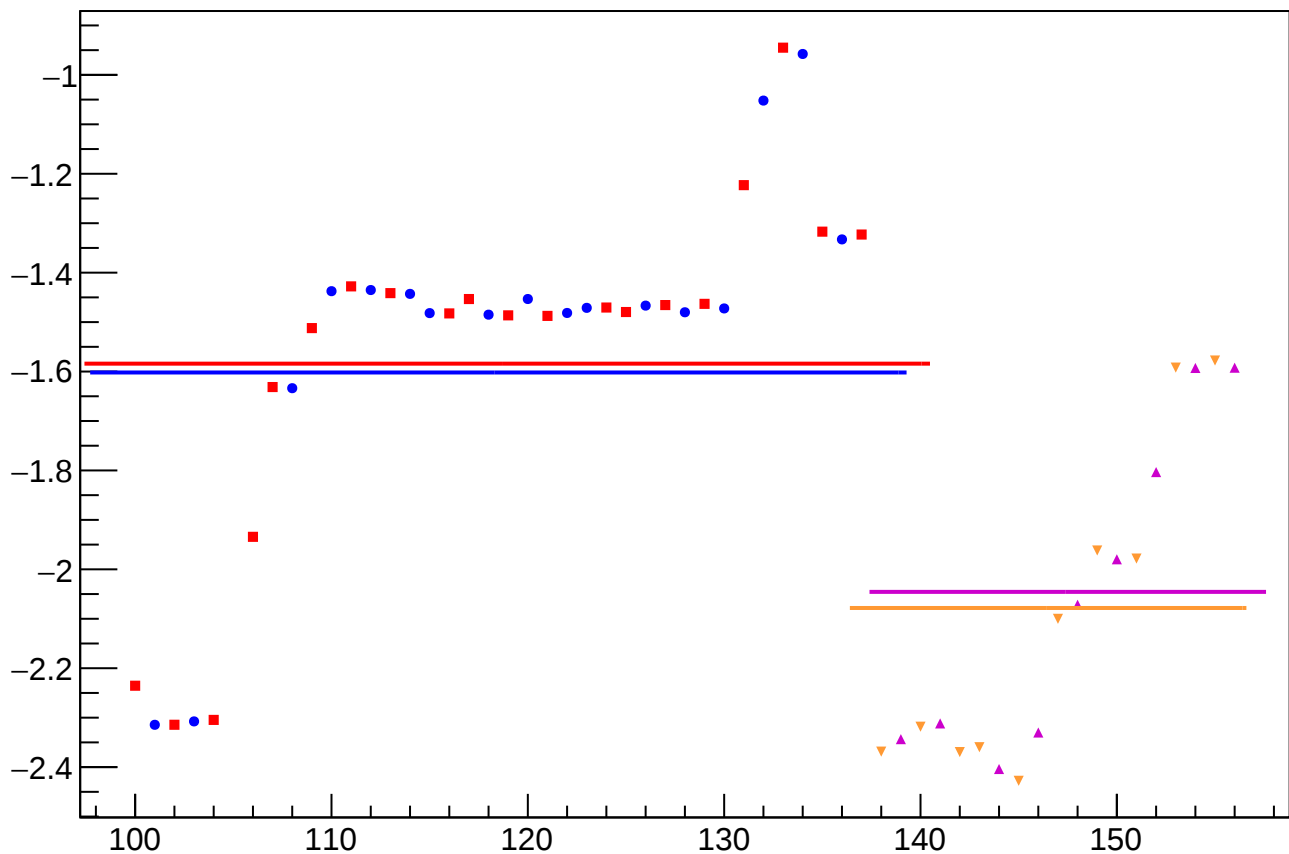
Left In: 0.008+/-0.000 χ^2/NDF : 61943.9/8

0.007+/-0.000 χ^2/NDF : 230721.9/26

0.007+/-0.000 χ^2/NDF : 482283.6/55

0.007+/-0.000 χ^2/NDF : 248745.7/28

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.602+/-0.000 χ^2/NDF : 140200656044.3/16

Left Out: -2.078+/-0.000 χ^2/NDF : 80501353775.8/9

Right Out: -1.584+/-0.000 χ^2/NDF : 143612120137.8/19

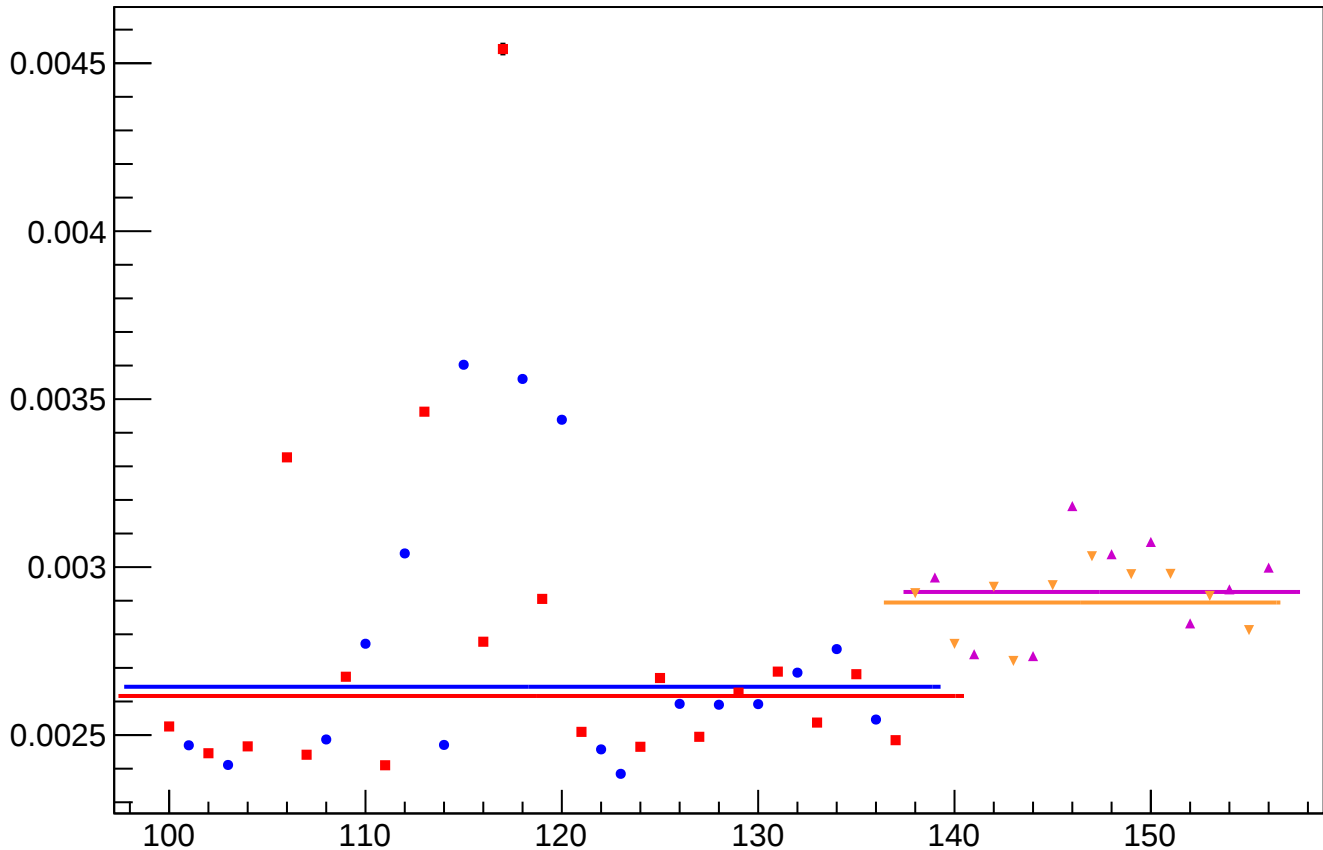
Left In: -2.046+/-0.000 χ^2/NDF : 76431155800.7/8

-1.828+/-0.000 χ^2/NDF : 317427798107.8/26

-1.809+/-0.000 χ^2/NDF : 632487658845.9

-1.791+/-0.000 χ^2/NDF : 313904950312.9/28

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 :15377.0/9

Right Out: 0.003+/-0.000 χ^2/NDF : 119852.1/19

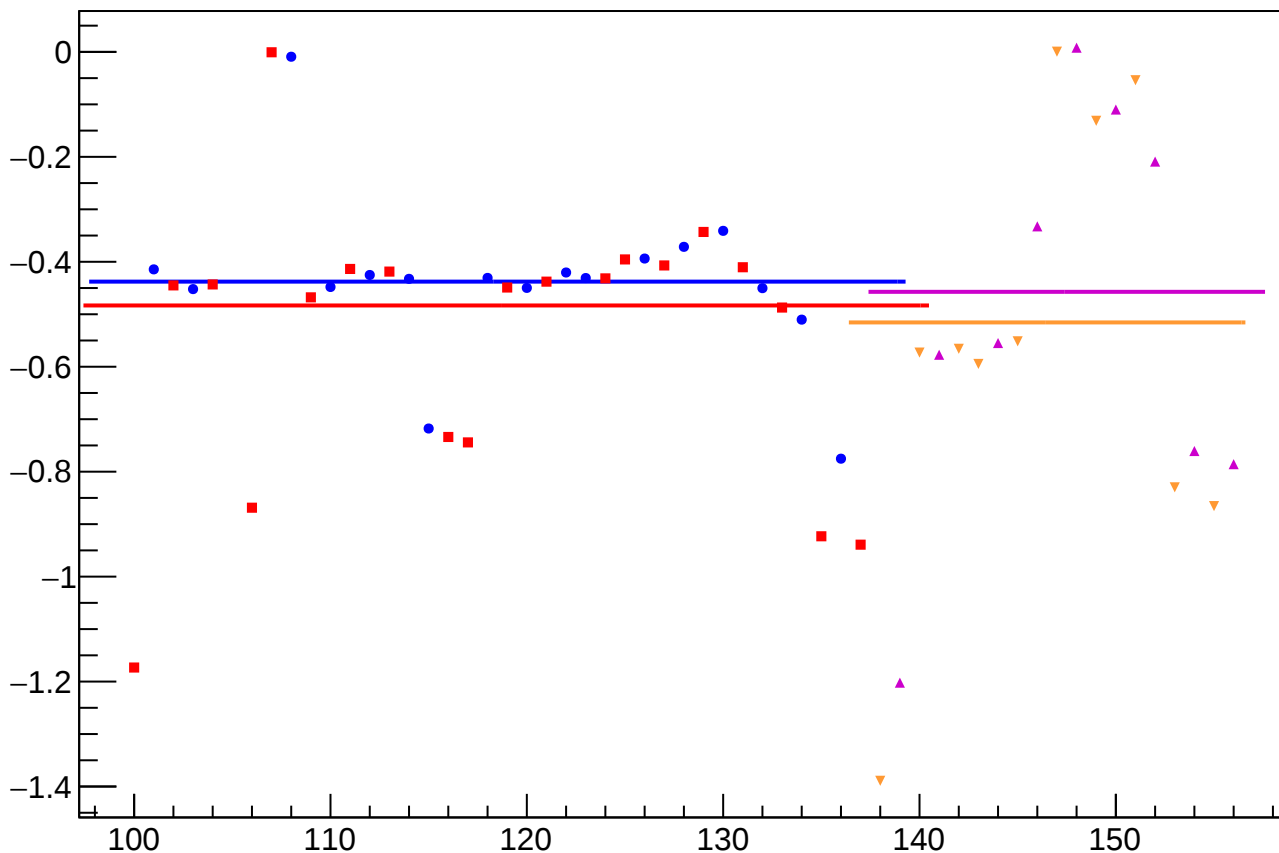
Left In: 0.003+/-0.000 χ^2/NDF :33017.4/8

0.003+/-0.000 χ^2/NDF : 220393.8/26

0.003+/-0.000 χ^2/NDF : 457839.7/55

0.003+/-0.000 χ^2/NDF : 237354.5/28

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.438+/-0.000 χ^2/NDF : 1462454117.6/16

Left Out: -0.516+/-0.000 χ^2/NDF : 6991780548.0/9

Right Out: -0.483+/-0.000 χ^2/NDF : 2714164016.2/19

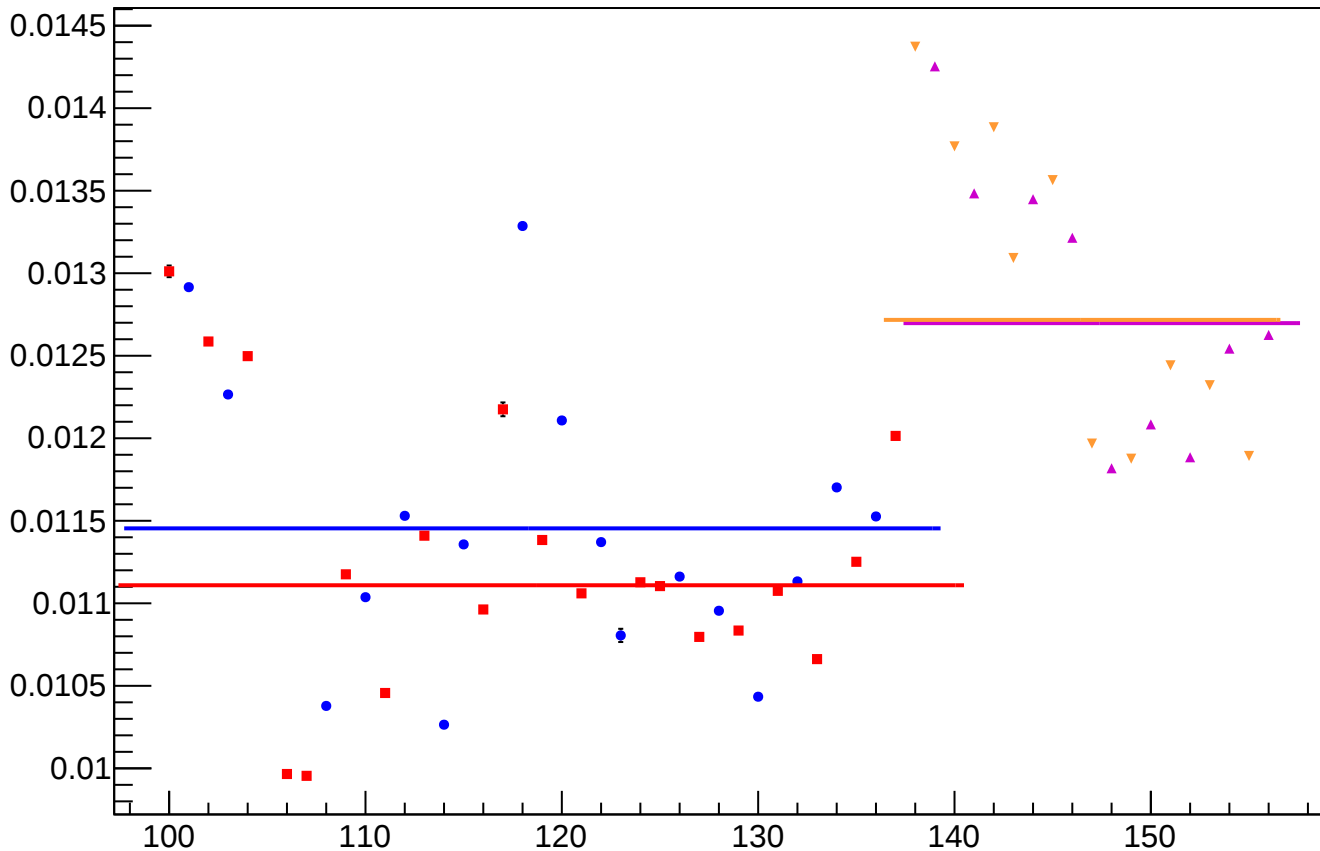
Left In: -0.457+/-0.000 χ^2/NDF : 5155653277.7/8

-0.474+/-0.000 χ^2/NDF : 8593270011.8/26

-0.473+/-0.000 χ^2/NDF : 16479769756.2/26

-0.472+/-0.000 χ^2/NDF : 7886303826.6/28

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 : 62102.5/9

Right Out: 0.011+/-0.000 χ^2/NDF : 56696.9/19

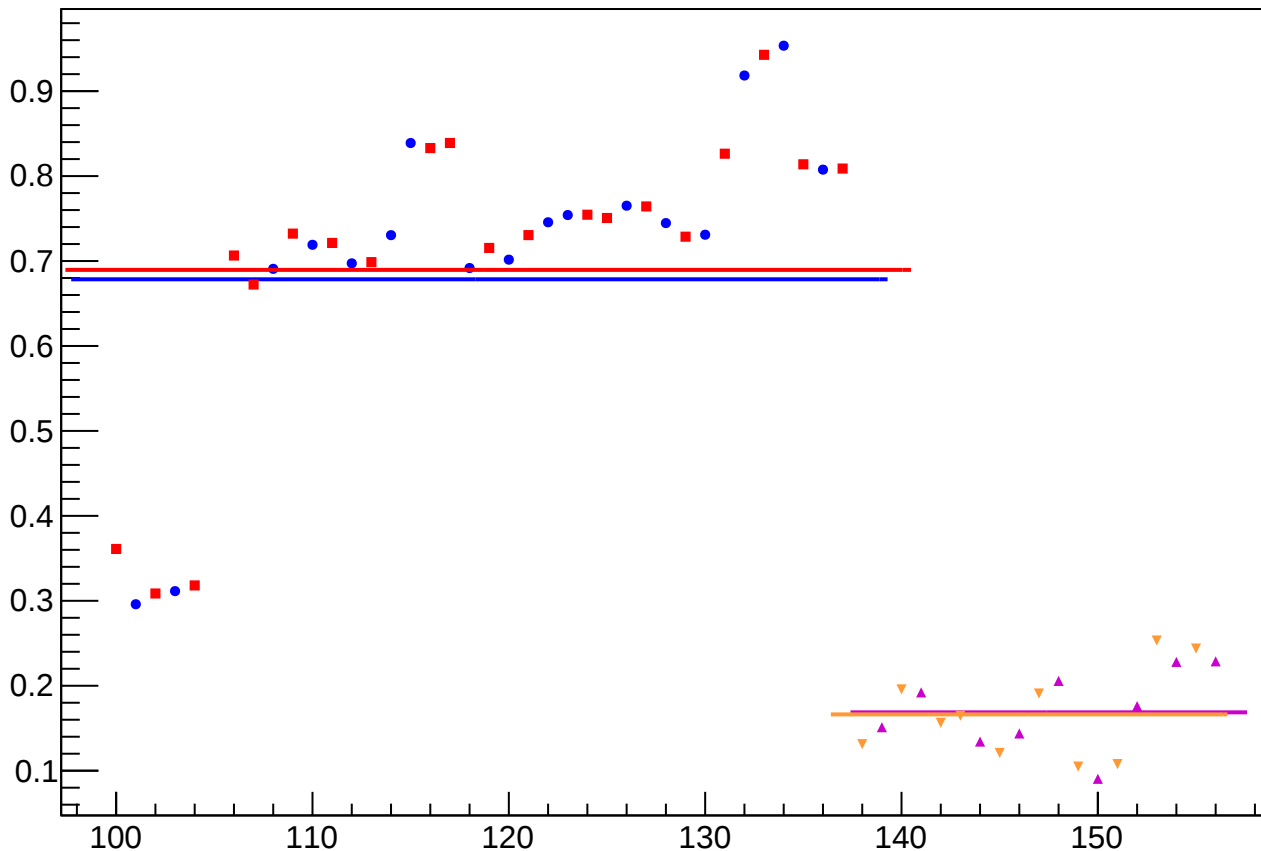
Left In: 0.013+/-0.000 χ^2/NDF : 48820.9/8

0.012+/-0.000 χ^2/NDF : 200168.5/26

0.012+/-0.000 χ^2/NDF : 434744.5/55

0.012+/-0.000 χ^2/NDF : 228689.4/28

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.678 $\pm$ 0.000 χ^2 /NDF: 38506442638.3/16

Left Out: 0.166 $\pm$ 0.000 χ^2 /NDF: 3819883939.0/9

Right Out: 0.690 $\pm$ 0.000 χ^2 /NDF: 35439496983.3/19

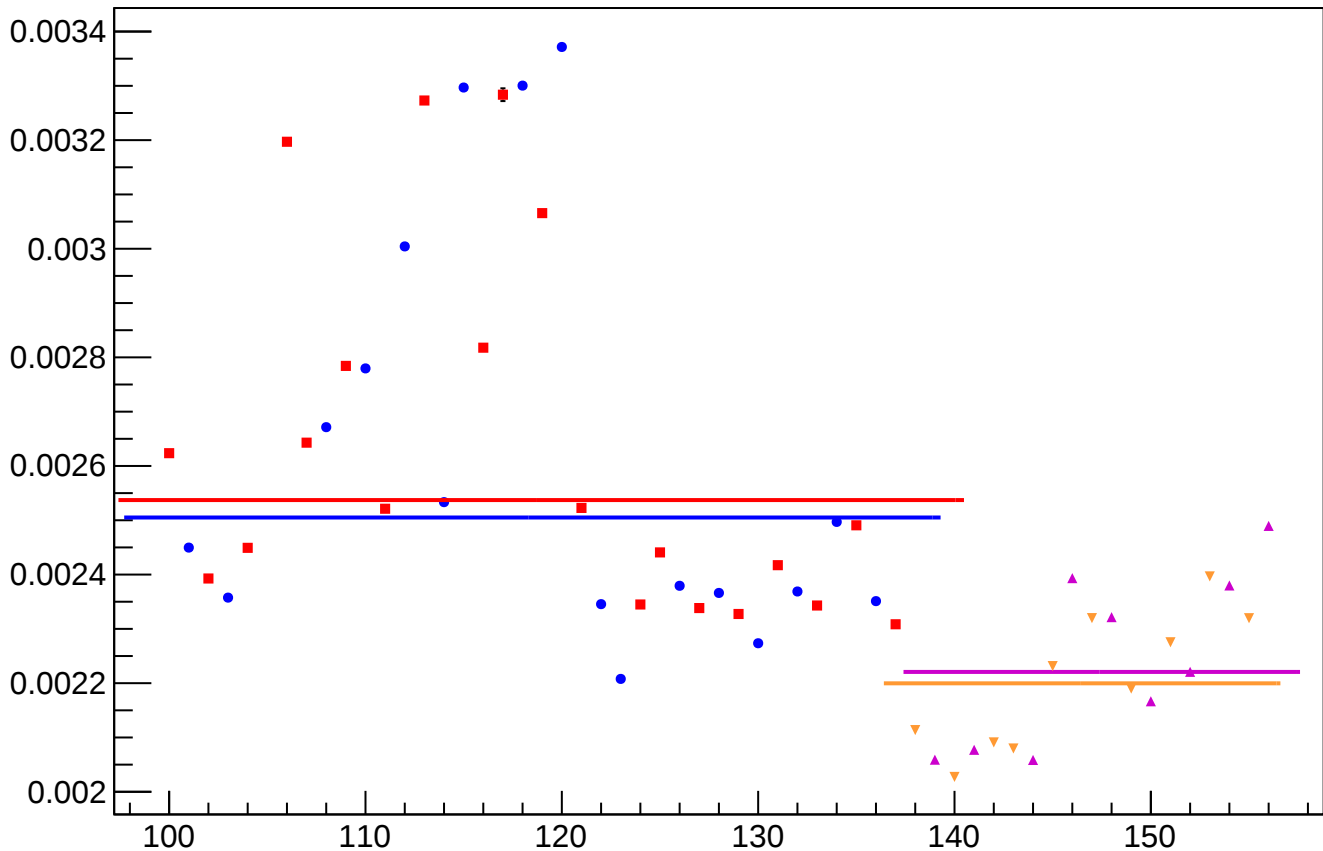
Left In: 0.169 $\pm$ 0.000 χ^2 /NDF: 2782935216.3/8

0.373 $\pm$ 0.000 χ^2 /NDF: 201011414759.0/26

0.380 $\pm$ 0.000 χ^2 /NDF: 404848034220.5/

0.386 $\pm$ 0.000 χ^2 /NDF: 203627762954.3/28

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: 41530.5/9

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 135649.7/19

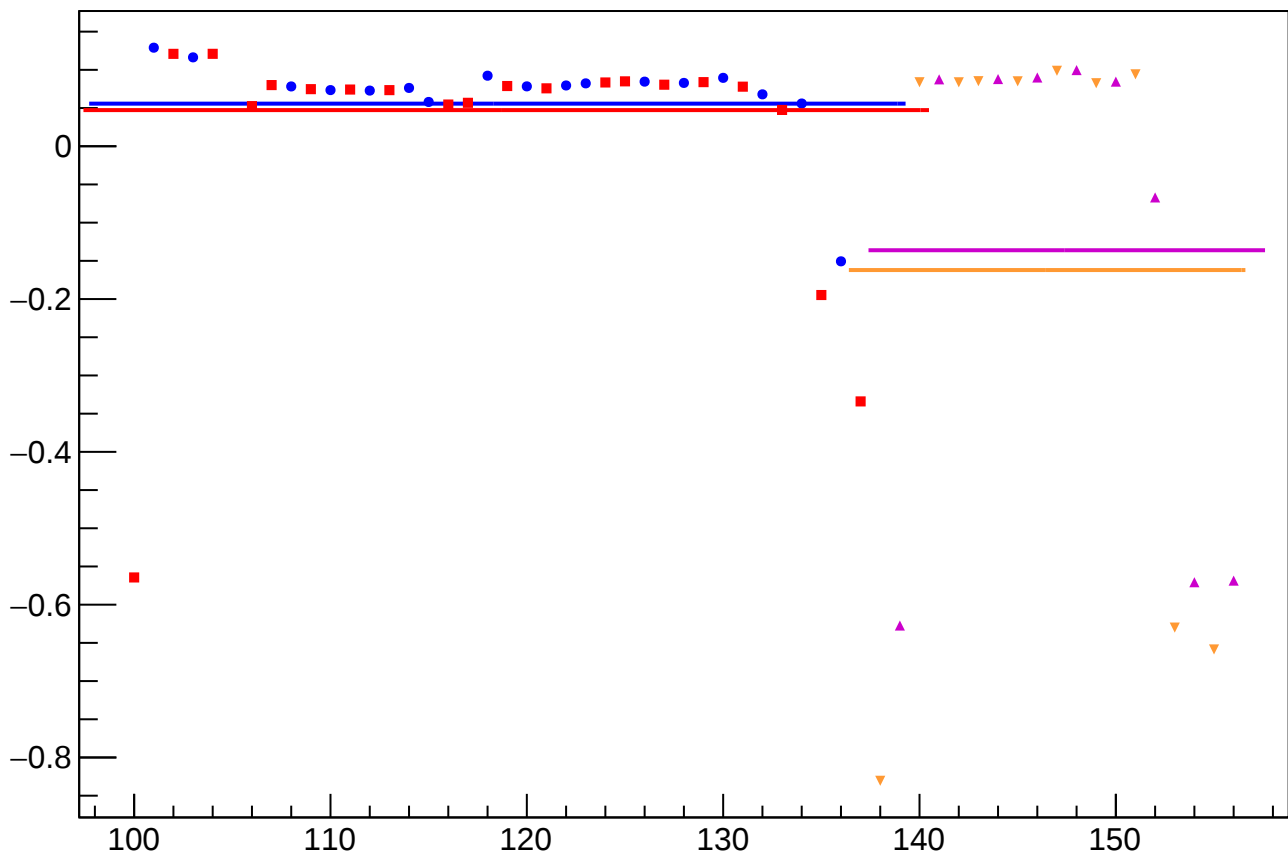
Left In: 0.002 $\pm$ 0.000 χ^2 /NDF: 64787.1/8

0.002 $\pm$ 0.000 χ^2 /NDF: 329867.9/26

0.002 $\pm$ 0.000 χ^2 /NDF: 654627.4/55

0.002 $\pm$ 0.000 χ^2 /NDF: 322541.9/28

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.056 +/- 0.000 χ^2/NDF : 423003688.1/16

Left Out: -0.162 +/- 0.000 χ^2/NDF : 7050010946.5/9

Right Out: 0.047 +/- 0.000 χ^2/NDF : 819626031.7/19

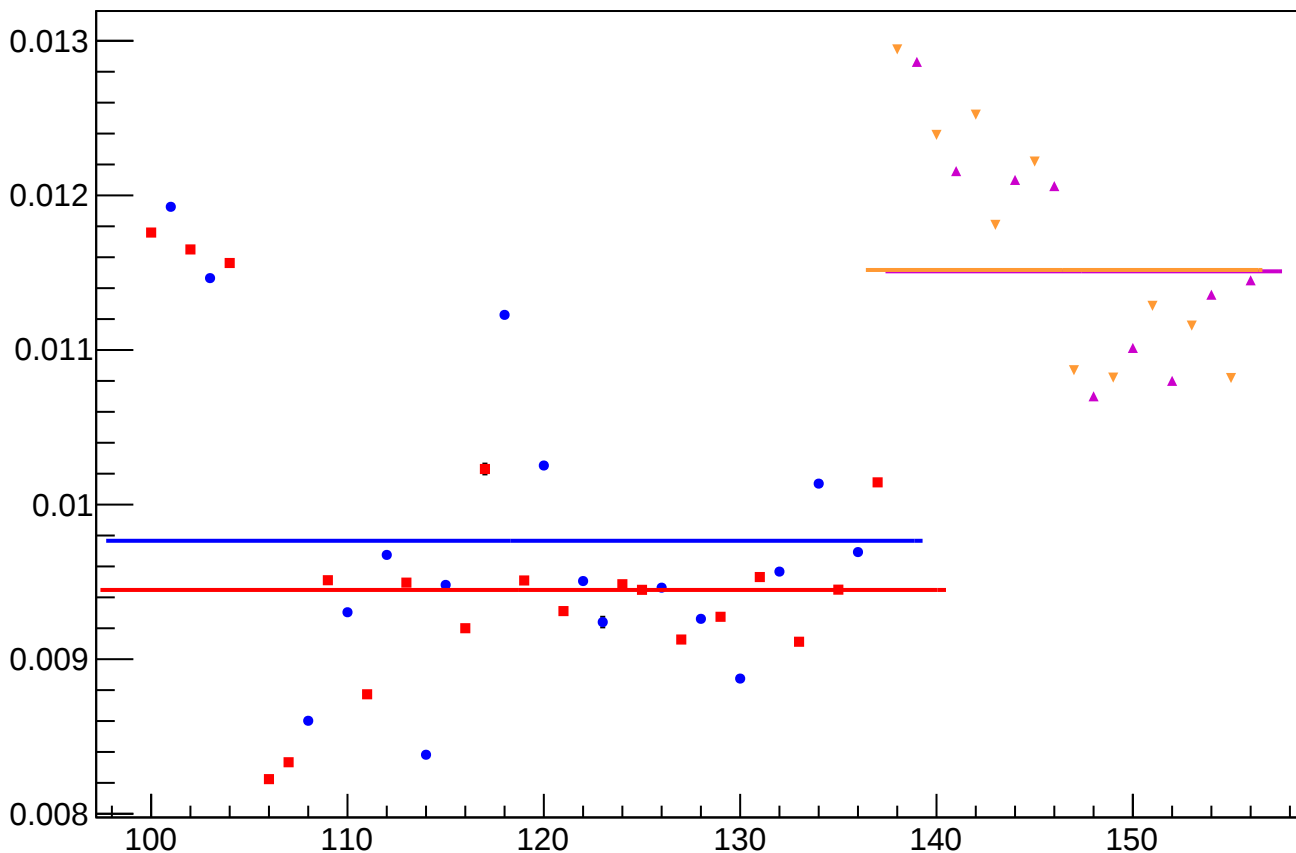
Left In: -0.136 +/- 0.000 χ^2/NDF : 4756262338.8/8

-0.040 +/- 0.000 χ^2/NDF : 8874856354.2/26

-0.033 +/- 0.000 χ^2/NDF : 15513668162.0/5

-0.026 +/- 0.000 χ^2/NDF : 6627908572.0/28

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 116638.3/16

Left Out: 0.012+/-0.000 χ^2/NDF : 54826.8/9

Right Out: 0.009+/-0.000 χ^2/NDF : 111197.0/19

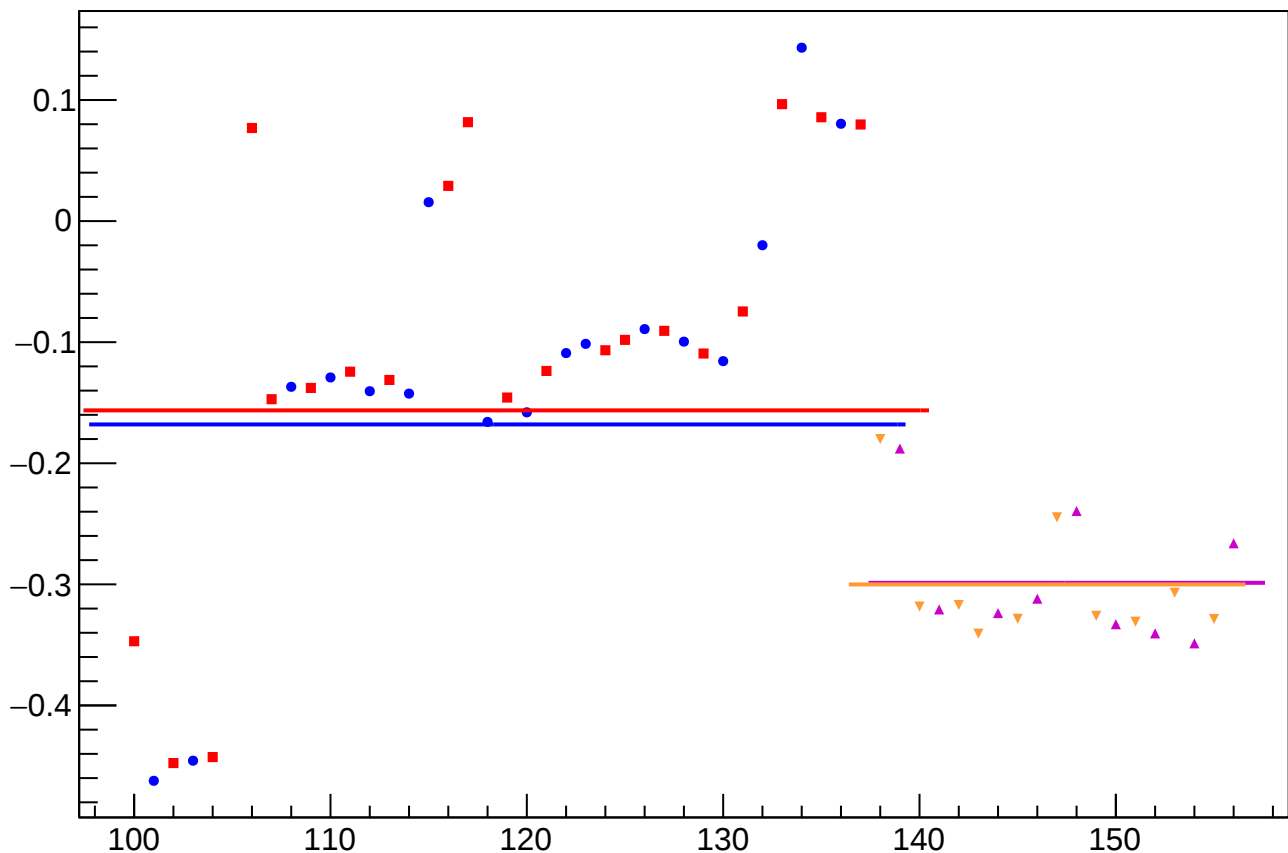
Left In: 0.012+/-0.000 χ^2/NDF : 45306.6/8

0.011+/-0.000 χ^2/NDF : 352833.1/26

0.010+/-0.000 χ^2/NDF : 783231.7/55

0.010+/-0.000 χ^2/NDF : 422162.9/28

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 12331812610.6/16

Left Out: -0.300+/-0.000 χ^2/NDF : 2033122249.5/9

Right Out: -0.156+/-0.000 χ^2/NDF : 11061140252.3/19

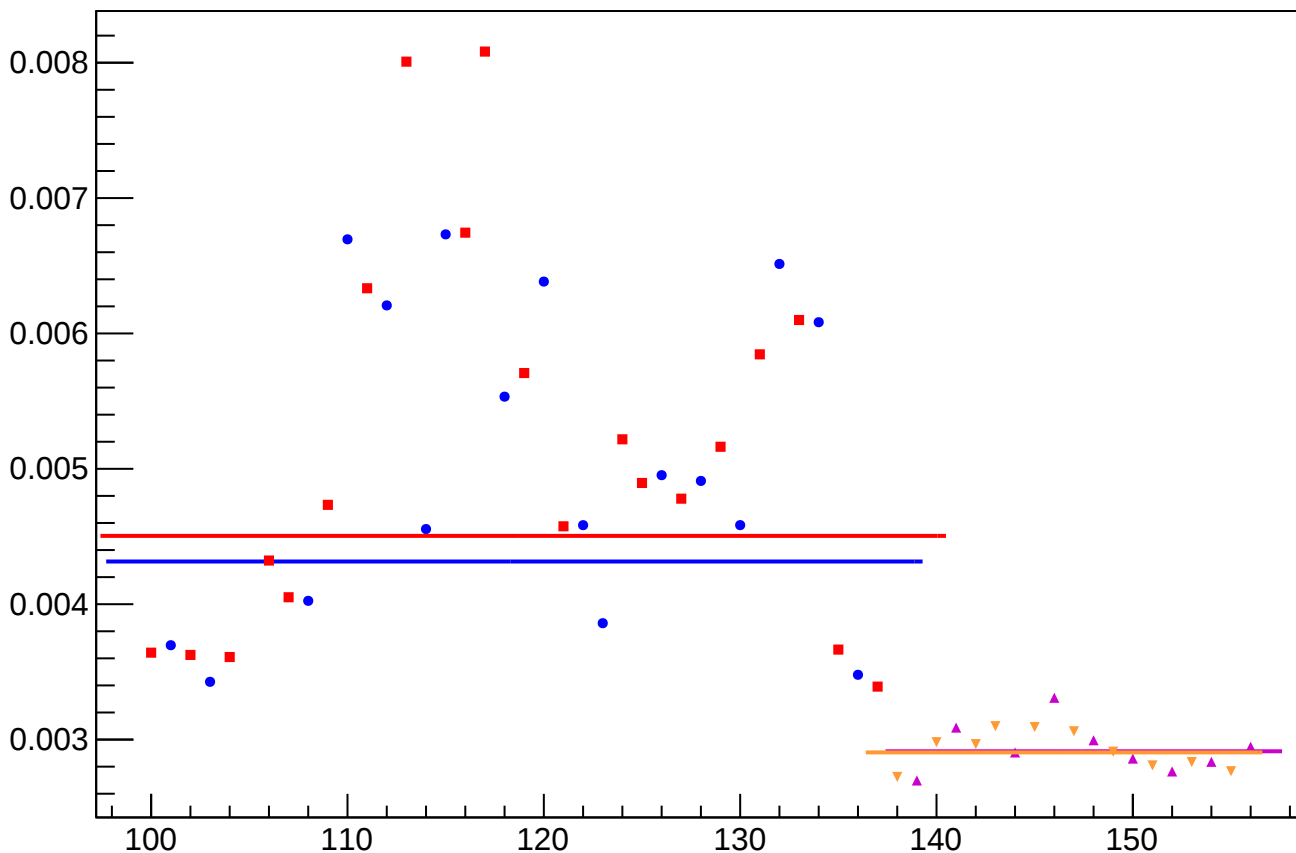
Left In: -0.299+/-0.000 χ^2/NDF : 2174160851.3/8

-0.264+/-0.000 χ^2/NDF : 18308862165.9/26

-0.262+/-0.000 χ^2/NDF : 36080973046.3/5

-0.260+/-0.000 χ^2/NDF : 17762643988.8/28

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 : 27819.8/9

Right Out: 0.005 $\pm$ 0.000 χ^2/NDF : 665152.6/19

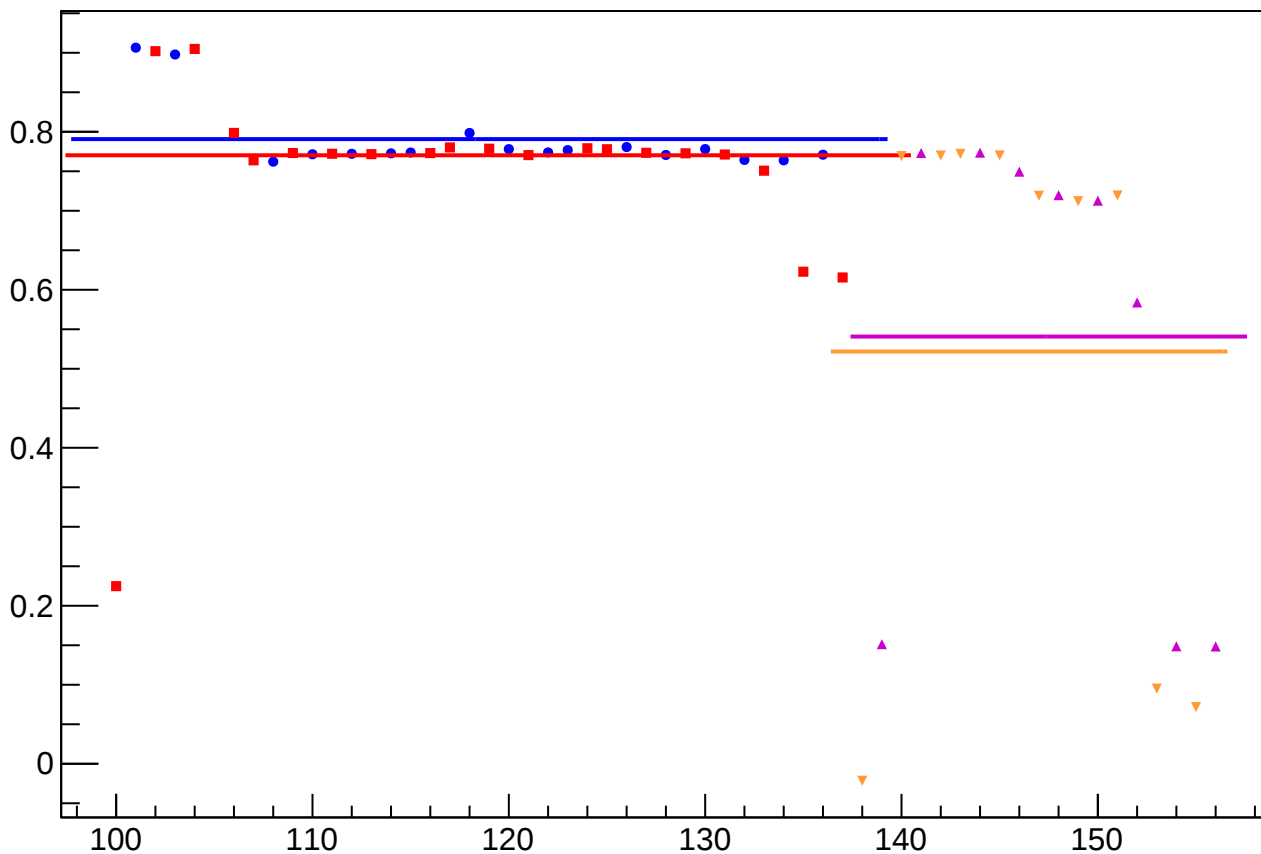
Left In: 0.003 $\pm$ 0.000 χ^2/NDF : 41378.4/8

0.003 $\pm$ 0.000 χ^2/NDF : 1545812.3/26

0.003 $\pm$ 0.000 χ^2/NDF : 3386546.0/55

0.003 $\pm$ 0.000 χ^2/NDF : 1837025.8/28

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.791 ± 0.000 χ^2/NDF : 106705767.1/16

Left Out: 0.522 ± 0.000 χ^2/NDF : 5749573516.8/9

Right Out: 0.770 ± 0.000 χ^2/NDF : 375473971.0/19

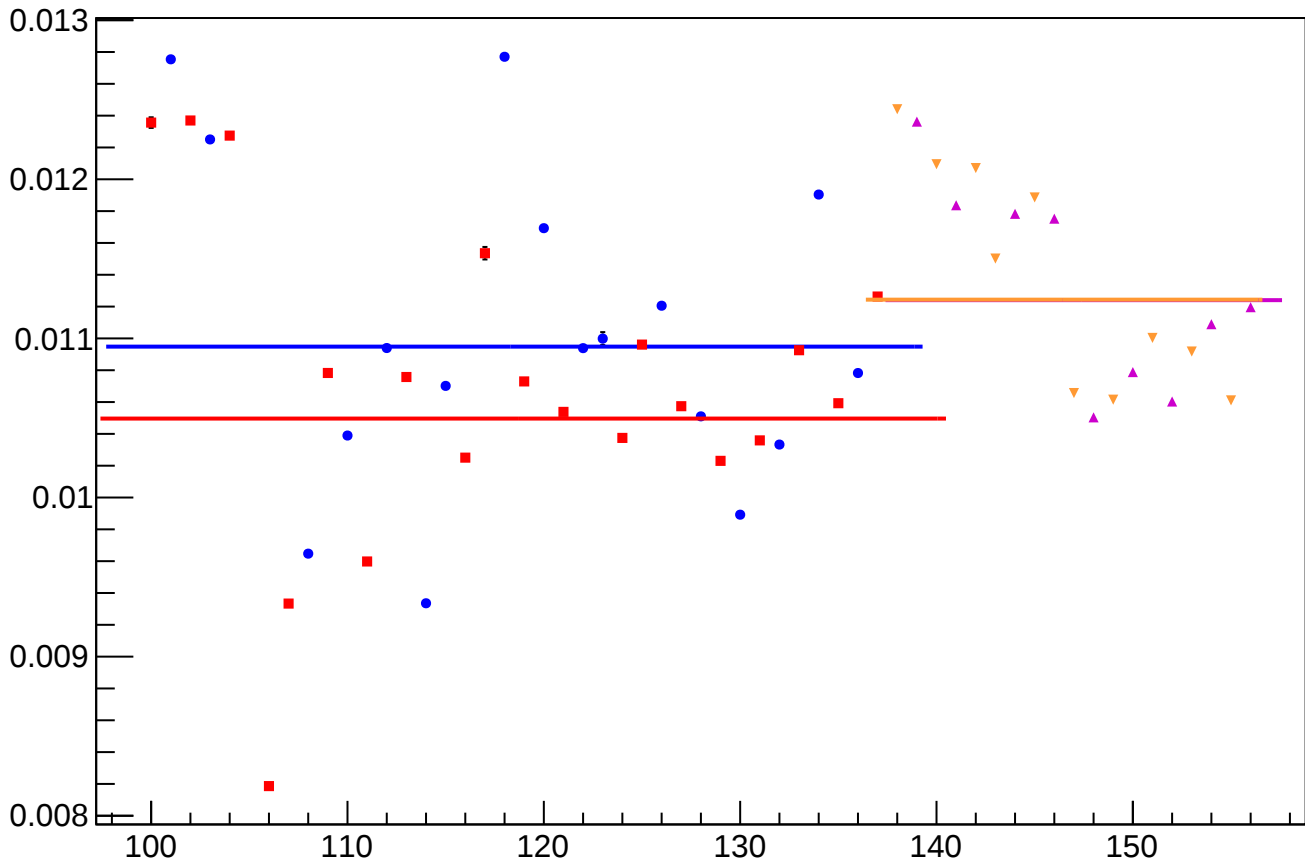
Left In: 0.541 ± 0.000 χ^2/NDF : 3907369302.1/8

0.654 ± 0.000 χ^2/NDF : 7832698759.9/26

0.659 ± 0.000 χ^2/NDF : 13670401810.0/5

0.663 ± 0.000 χ^2/NDF : 5833019830.6/28

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 98551.4/16

Left Out: 0.011+/-0.000 χ^2/NDF : 46302.6/9

Right Out: 0.010+/-0.000 χ^2/NDF : 120120.6/19

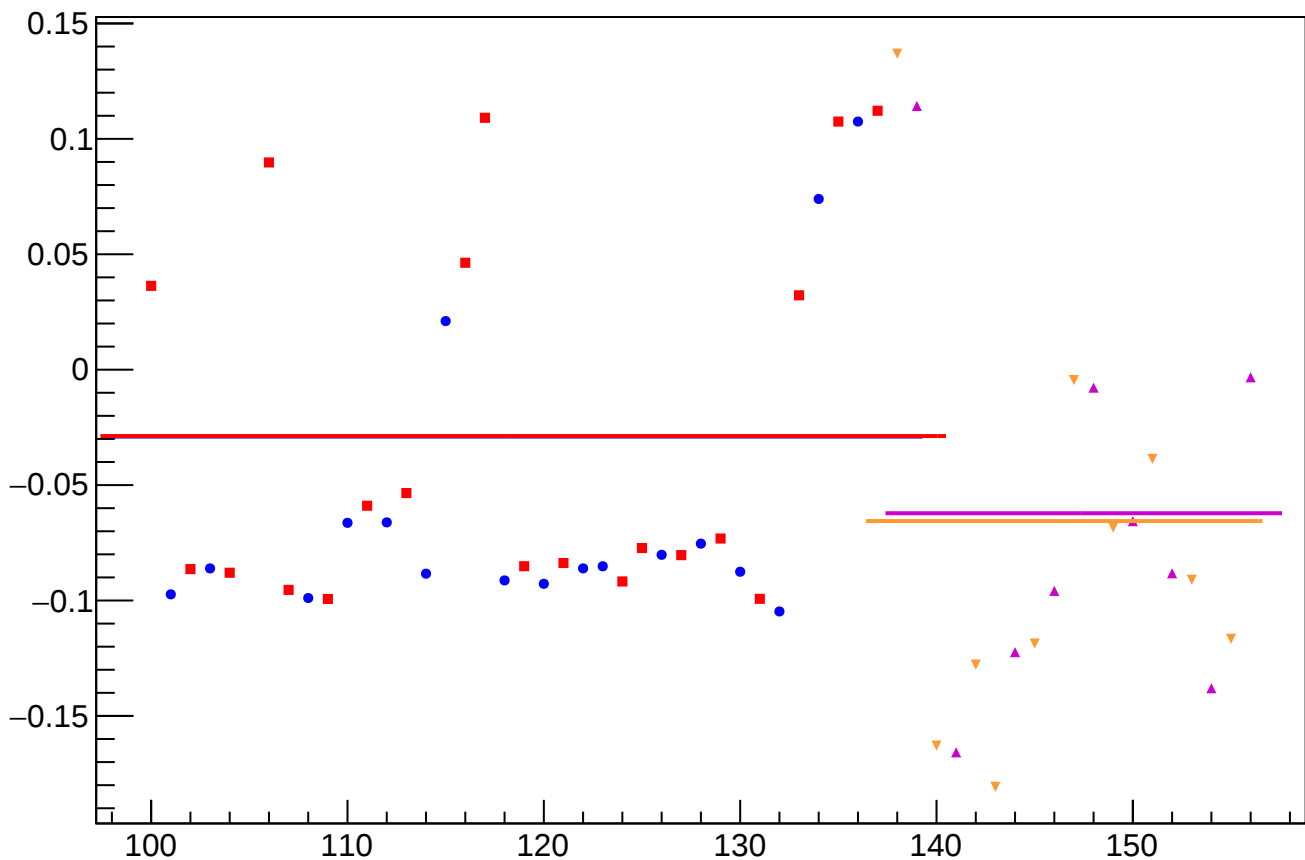
Left In: 0.011+/-0.000 χ^2/NDF : 37879.6/8

0.011+/-0.000 χ^2/NDF : 149616.8/26

0.011+/-0.000 χ^2/NDF : 347587.6/55

0.011+/-0.000 χ^2/NDF : 190603.7/28

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.000 χ^2/NDF : 2445975608.2/16

Left Out: -0.066+/-0.000 χ^2/NDF : 5177717725.0/9

Right Out: -0.029+/-0.000 χ^2/NDF : 2122918772.1/19

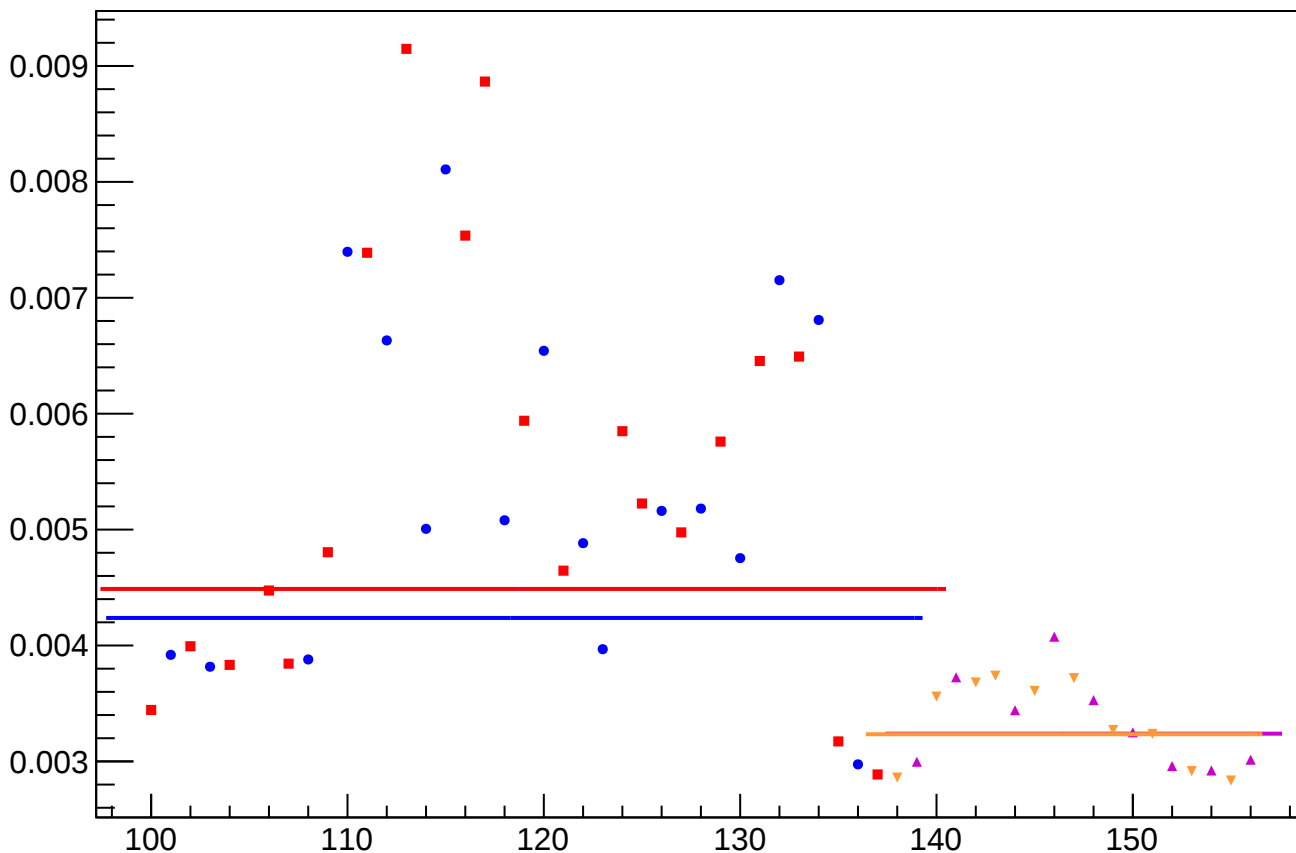
Left In: -0.062+/-0.000 χ^2/NDF : 4153963824.4/8

-0.054+/-0.000 χ^2/NDF : 7900401889.7/26

-0.053+/-0.000 χ^2/NDF : 14402573284.1/5

-0.052+/-0.000 χ^2/NDF : 6500159974.9/28

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2/NDF : 881584.1/16

Left Out: 0.003 $\pm$ 0.000 χ^2/NDF :154713.8/9

Right Out: 0.004 $\pm$ 0.000 χ^2/NDF : 1003473.4/19

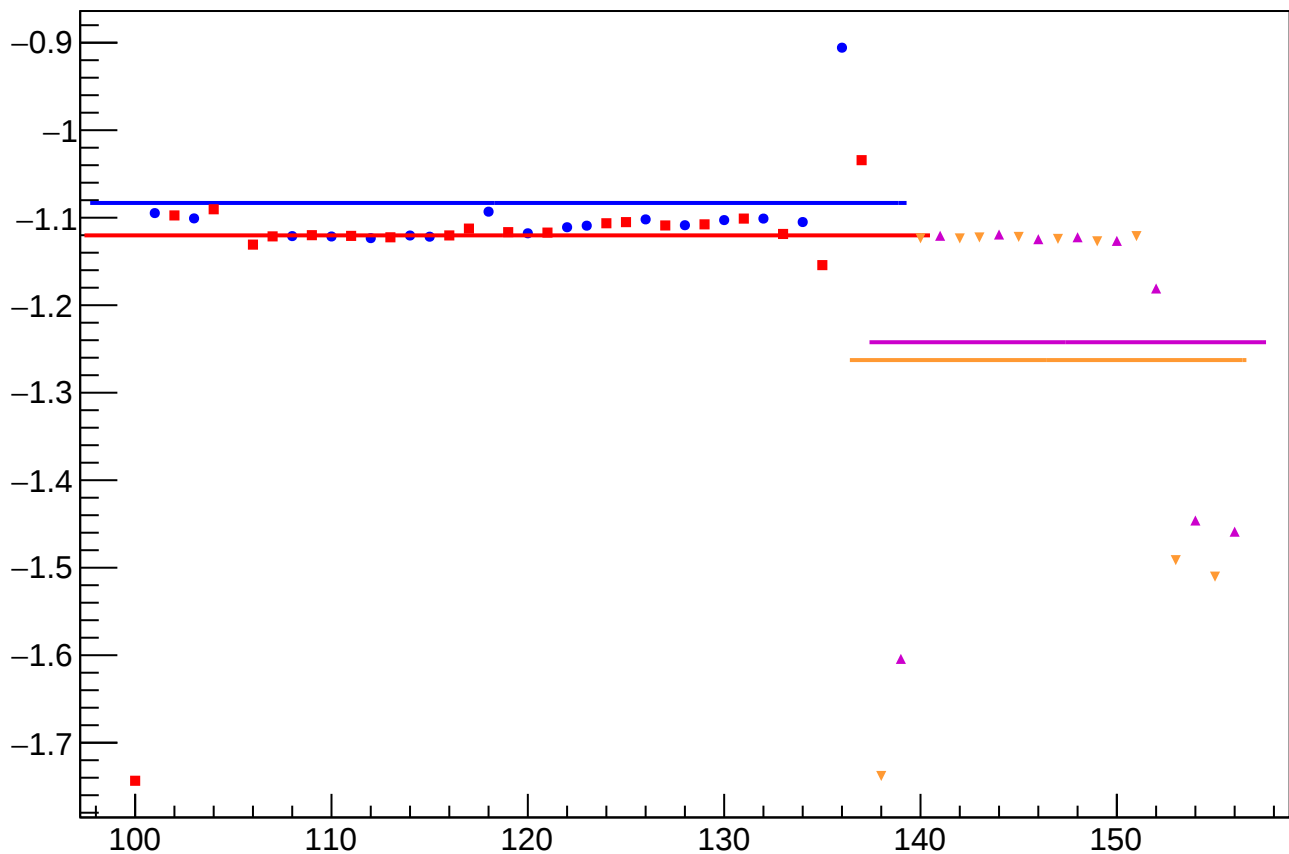
Left In: 0.003 $\pm$ 0.000 χ^2/NDF :147150.8/8

0.004 $\pm$ 0.000 χ^2/NDF : 1451205.5/26

0.004 $\pm$ 0.000 χ^2/NDF : 3229720.5/55

0.004 $\pm$ 0.000 χ^2/NDF : 1773425.6/28

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.000 χ^2/NDF : 202920901.6/16

Left Out: -1.263+/-0.000 χ^2/NDF : 3099505016.0/9

Right Out: -1.120+/-0.000 χ^2/NDF : 220586820.0/19

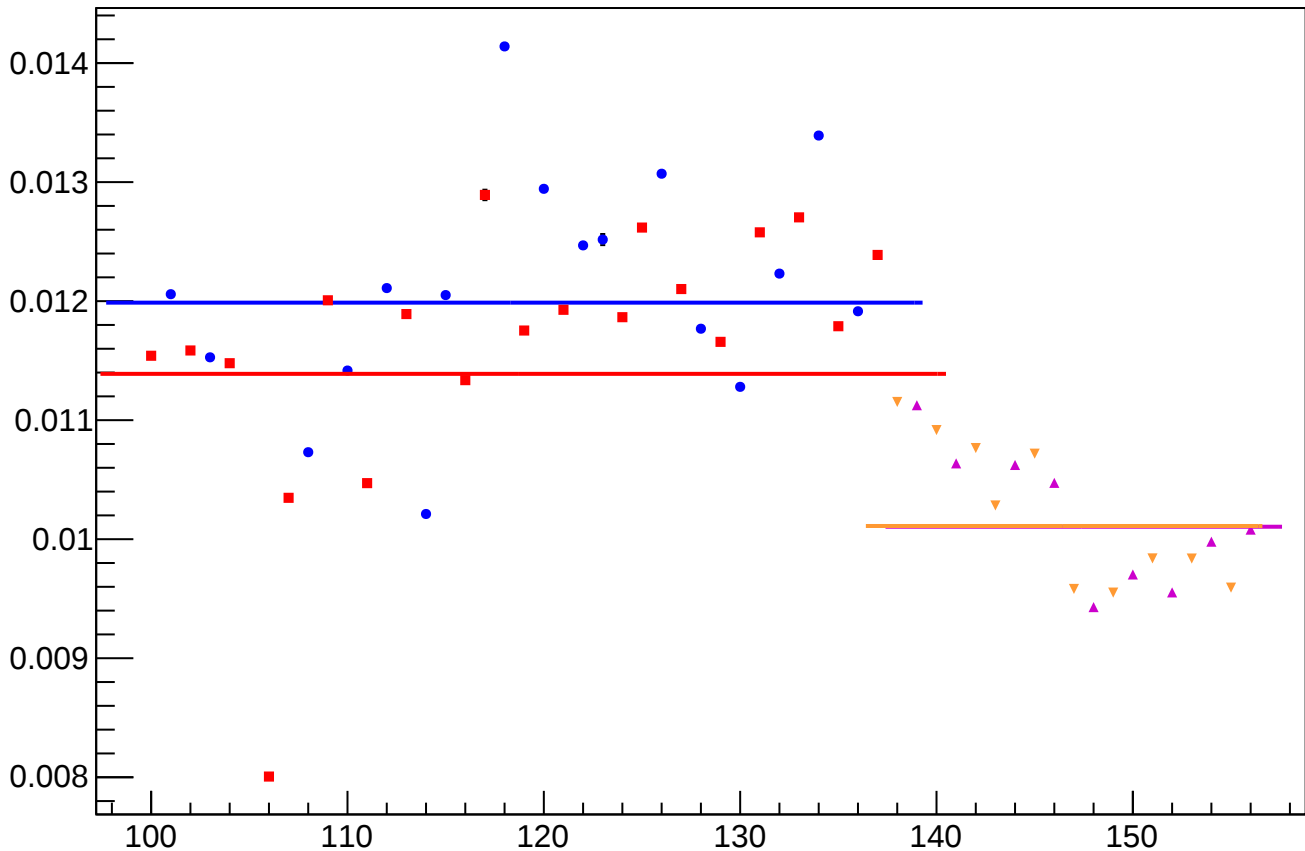
Left In: -1.242+/-0.000 χ^2/NDF : 1977759576.8/8

-1.192+/-0.000 χ^2/NDF : 4179207826.5/26

-1.191+/-0.000 χ^2/NDF : 6824971487.9/5

-1.189+/-0.000 χ^2/NDF : 2645218500.9/28

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 60402.0/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:45117.1/9

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 155700.3/19

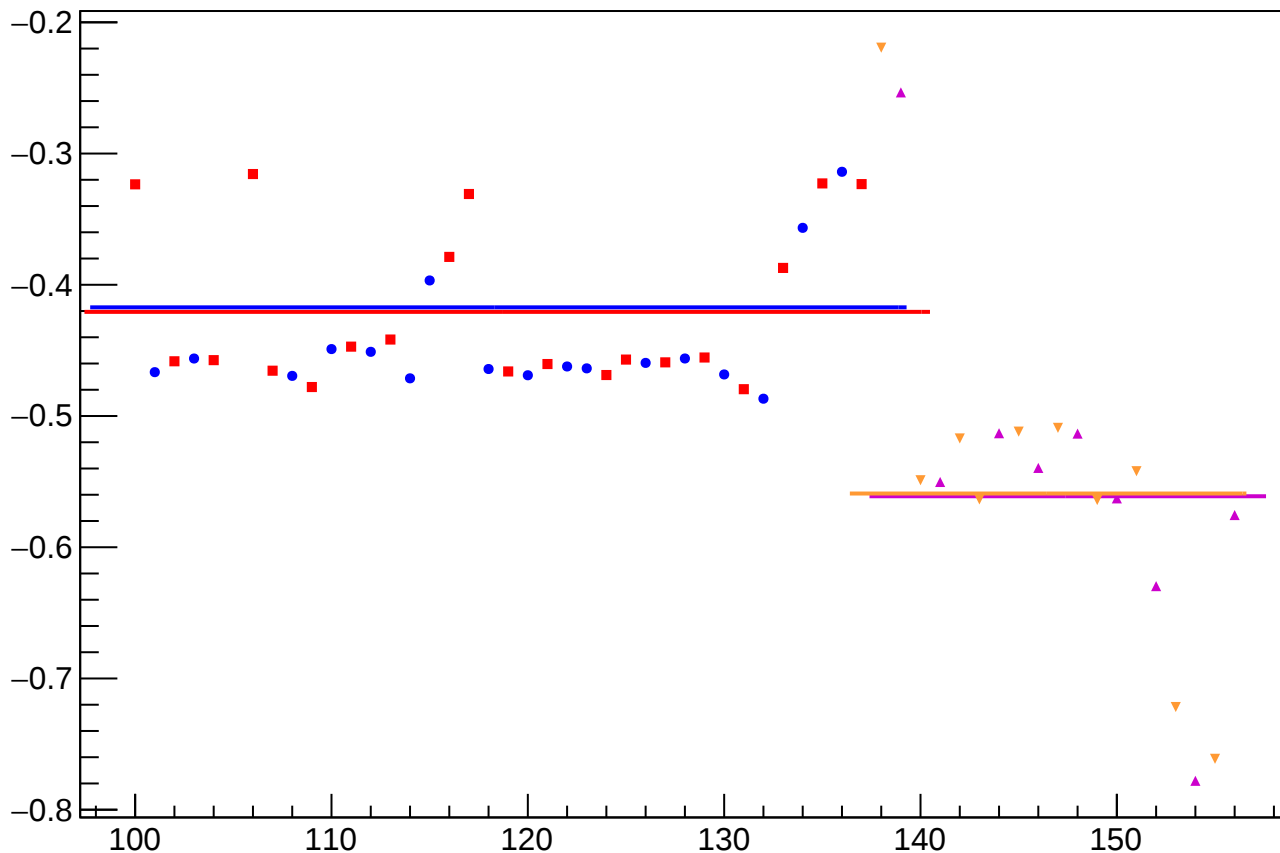
Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:37502.2/8

0.011 $\pm$ 0.000 χ^2 /NDF: 297004.1/26

0.011 $\pm$ 0.000 χ^2 /NDF: 593050.3/55

0.011 $\pm$ 0.000 χ^2 /NDF: 292063.4/28

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.417+/-0.000 χ^2/NDF : 2039045143.8/16

Left Out: -0.559+/-0.000 χ^2/NDF : 12330479829.9/9

Right Out: -0.421+/-0.000 χ^2/NDF : 1652792044.5/19

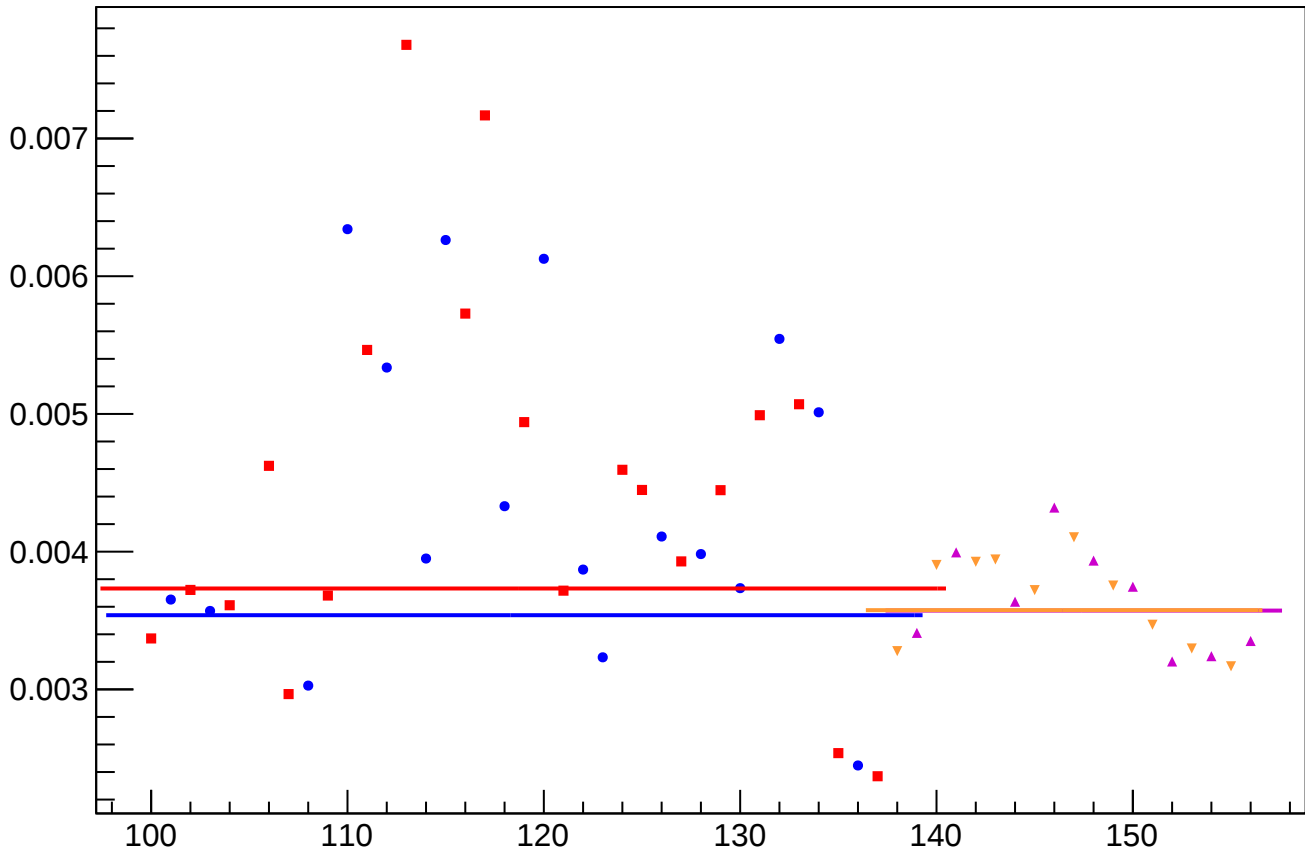
Left In: -0.561+/-0.000 χ^2/NDF : 9432921779.9/8

-0.495+/-0.000 χ^2/NDF : 19137727924.8/26

-0.496+/-0.000 χ^2/NDF : 34826443130.7/5

-0.498+/-0.000 χ^2/NDF : 15682956963.4/28

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 836154.0/16

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:103806.2/9

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 916963.6/19

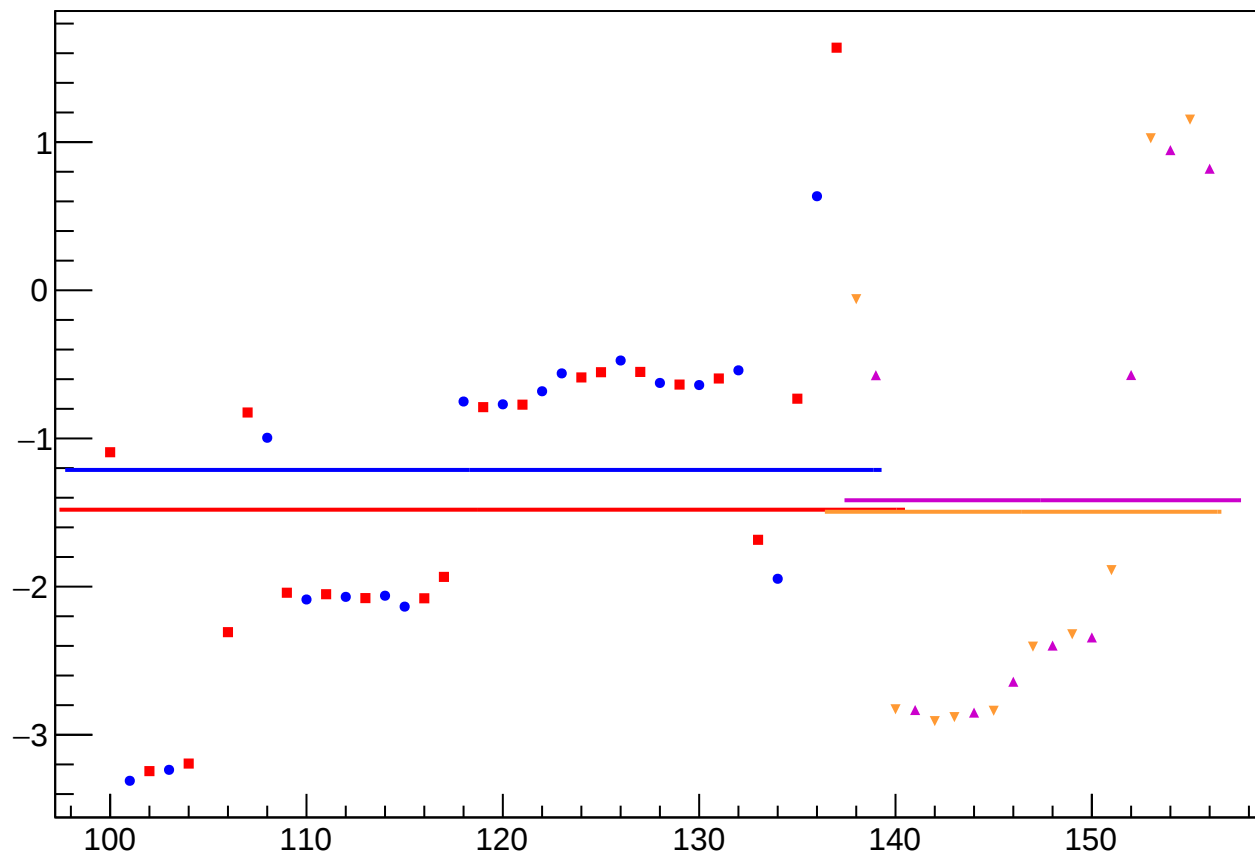
Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:119797.9/8

0.004 $\pm$ 0.000 χ^2 /NDF: 940592.5/26

0.004 $\pm$ 0.000 χ^2 /NDF: 1996288.5/55

0.004 $\pm$ 0.000 χ^2 /NDF: 1048746.6/28

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.212+/-0.000 χ^2/NDF : 1992853443.9/16

Left Out: -1.495+/-0.000 χ^2/NDF : 3174197420.6/9

Right Out: -1.481+/-0.000 χ^2/NDF : 1579722113.8/19

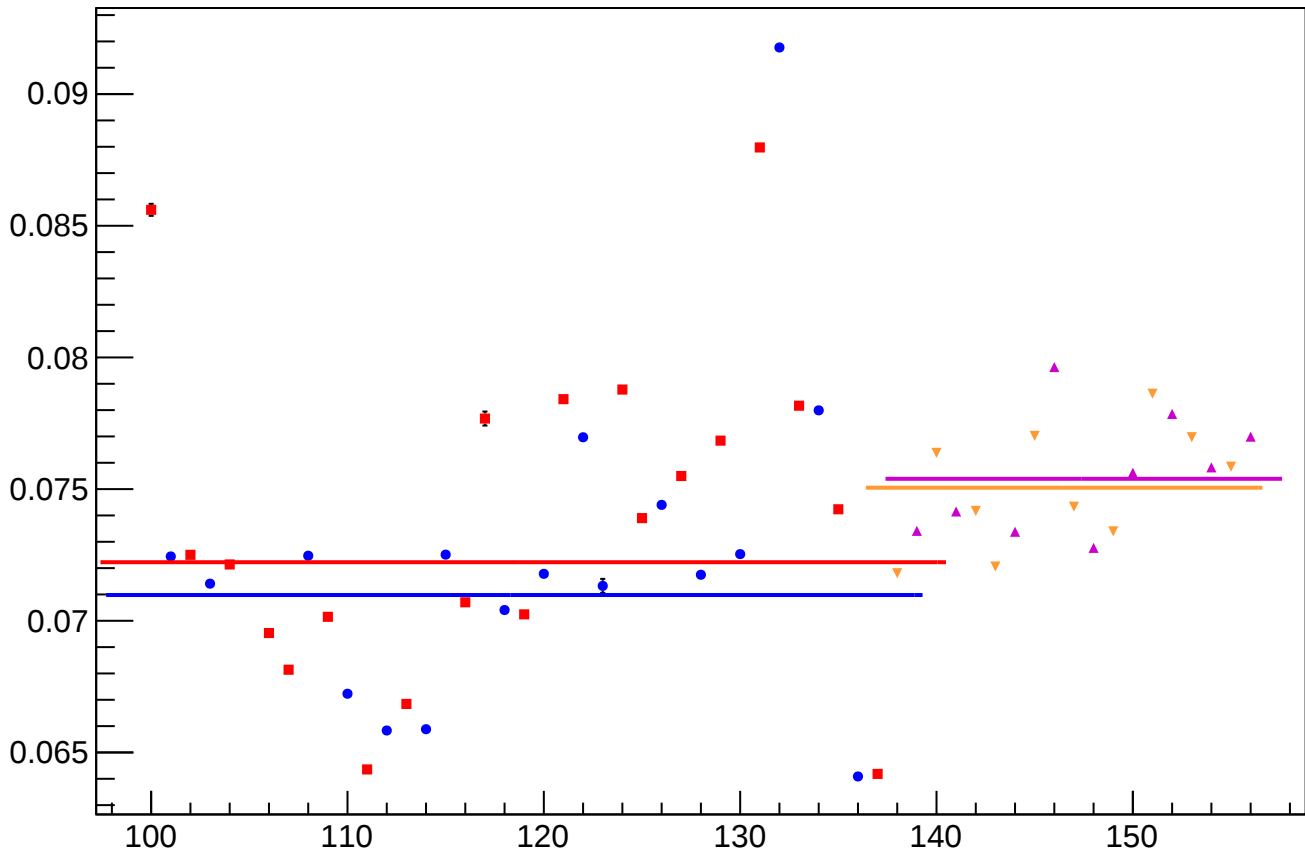
Left In: -1.417+/-0.000 χ^2/NDF : 2709375641.9/8

-1.352+/-0.000 χ^2/NDF : 5218416905.9/26

-1.401+/-0.000 χ^2/NDF : 9522599477.5/5

-1.450+/-0.000 χ^2/NDF : 4291724582.1/28

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 : 12063.9/9

Right Out: 0.072+/-0.000 χ^2/NDF : 73650.9/19

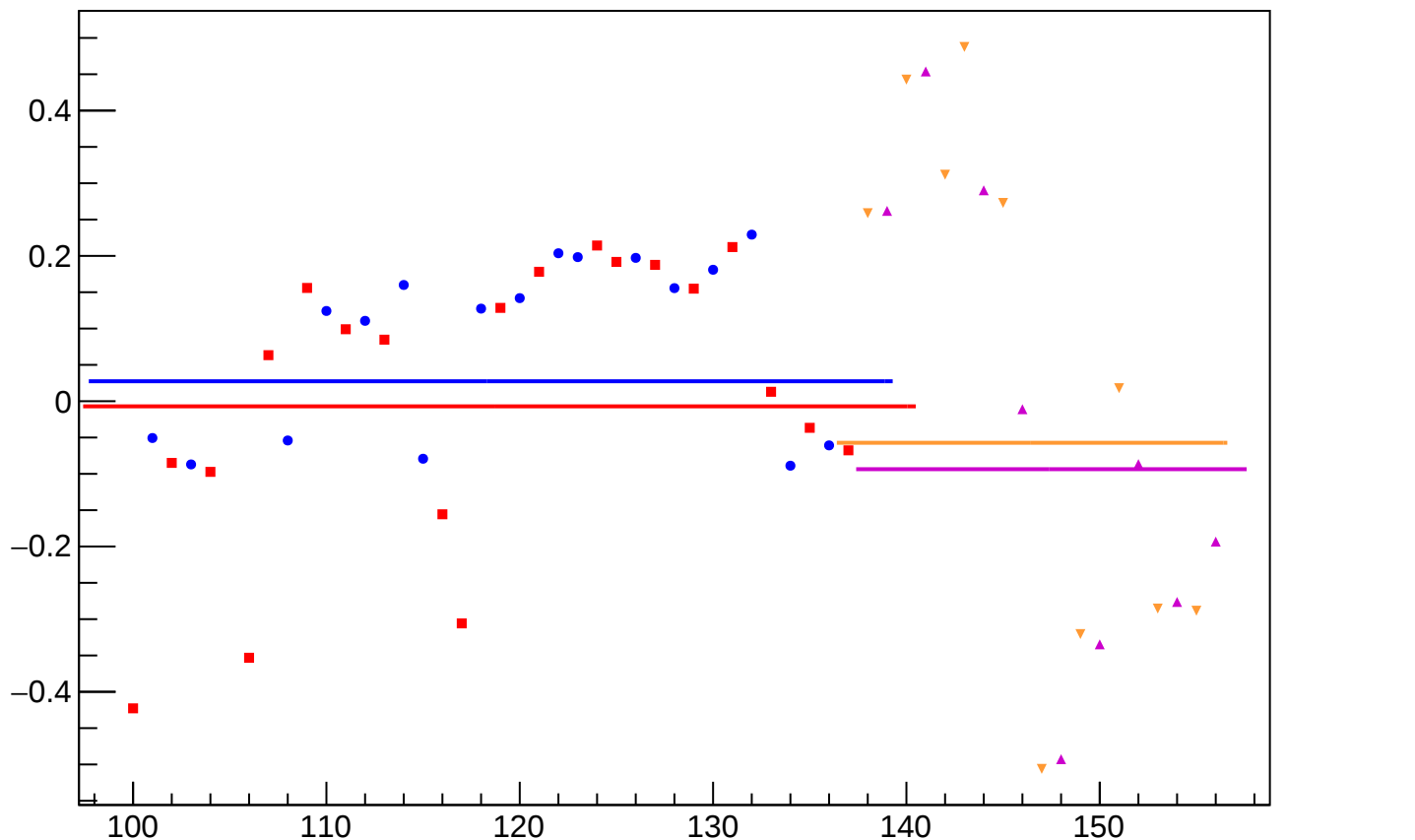
Left In: 0.075+/-0.000 χ^2/NDF : 11289.0/8

0.073+/-0.000 χ^2/NDF : 111067.6/26

0.073+/-0.000 χ^2/NDF : 210503.0/55

0.074+/-0.000 χ^2/NDF : 97940.9/28

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 562337631.4/16

Left Out: -0.057+/-0.000 χ^2/NDF : 12431024866.4/9

Right Out: -0.007+/-0.000 χ^2/NDF : 1207003891.2/19

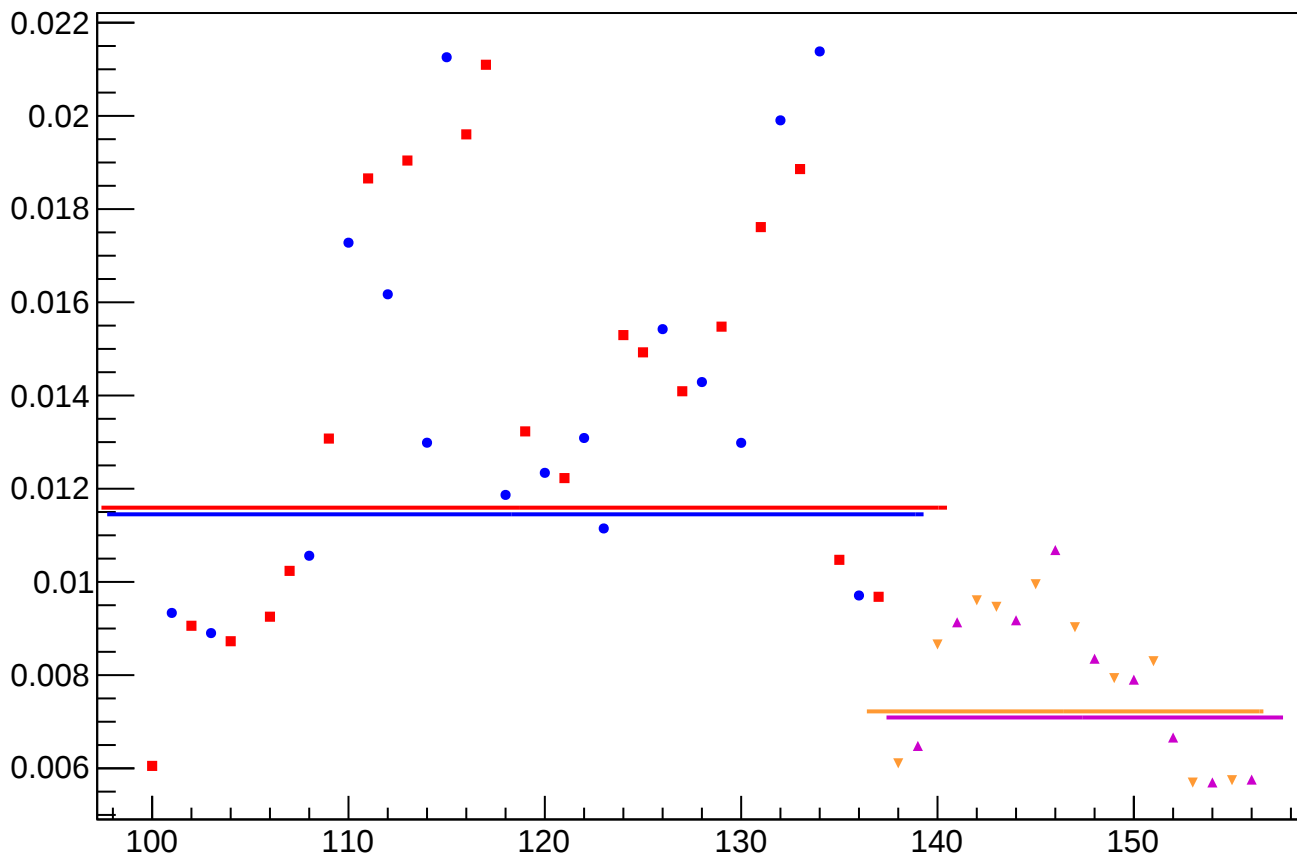
Left In: -0.094+/-0.000 χ^2/NDF : 9563440946.0/8

-0.035+/-0.000 χ^2/NDF : 13225527408.6/26

-0.054+/-0.000 χ^2/NDF : 24355518624.9/26

-0.071+/-0.000 χ^2/NDF : 11017412308.3/28

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 679628.0/16

Left Out: 0.007+/-0.000 χ^2/NDF : 605464.1/9

Right Out: 0.012+/-0.000 χ^2/NDF : 1012799.2/19

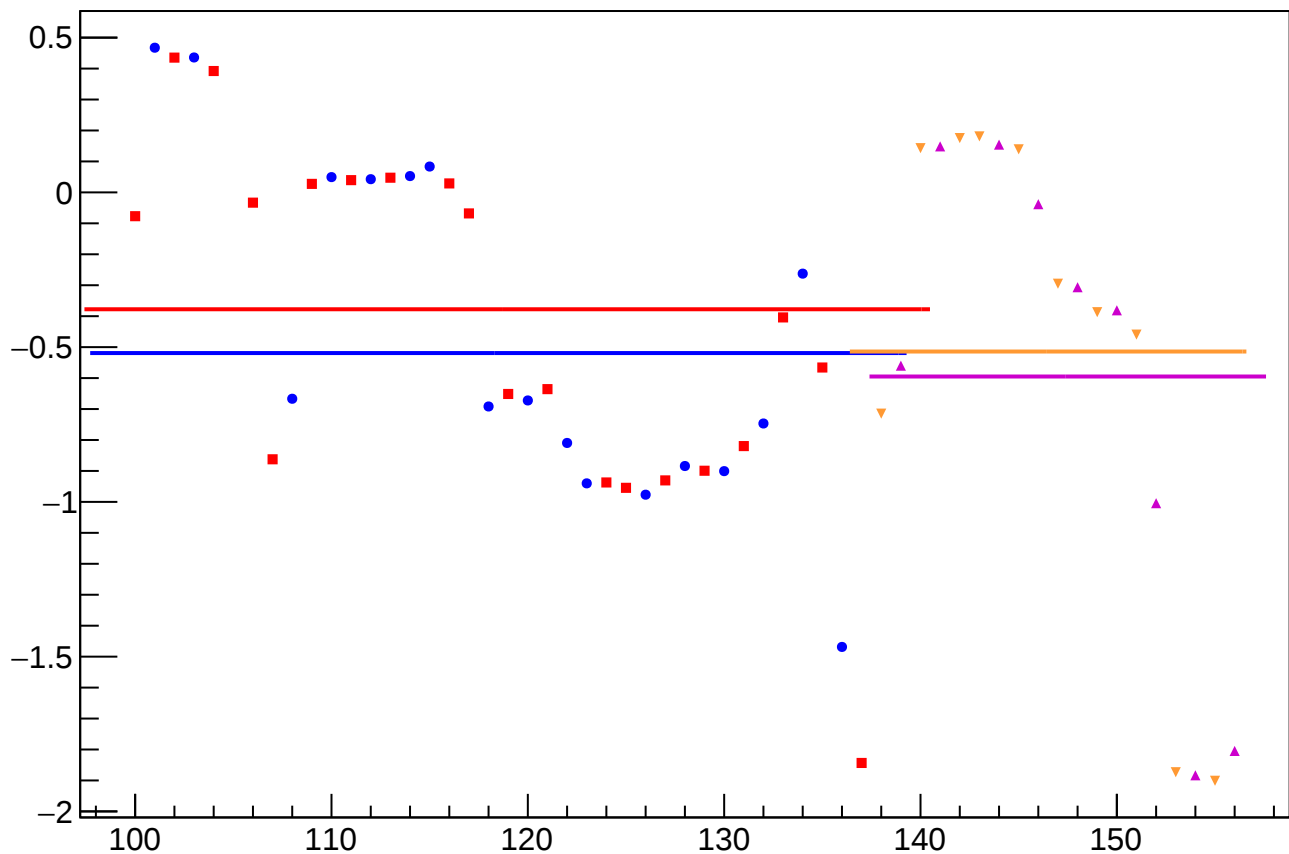
Left In: 0.007+/-0.000 χ^2/NDF : 554182.4/8

0.008+/-0.000 χ^2/NDF : 2443119.4/26

0.008+/-0.000 χ^2/NDF : 5349588.0/55

0.008+/-0.000 χ^2/NDF : 2905290.7/28

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.519+/-0.000 χ^2/NDF : 339383872.4/16

Left Out: -0.514+/-0.000 χ^2/NDF : 532601029.0/9

Right Out: -0.378+/-0.000 χ^2/NDF : 269130827.6/19

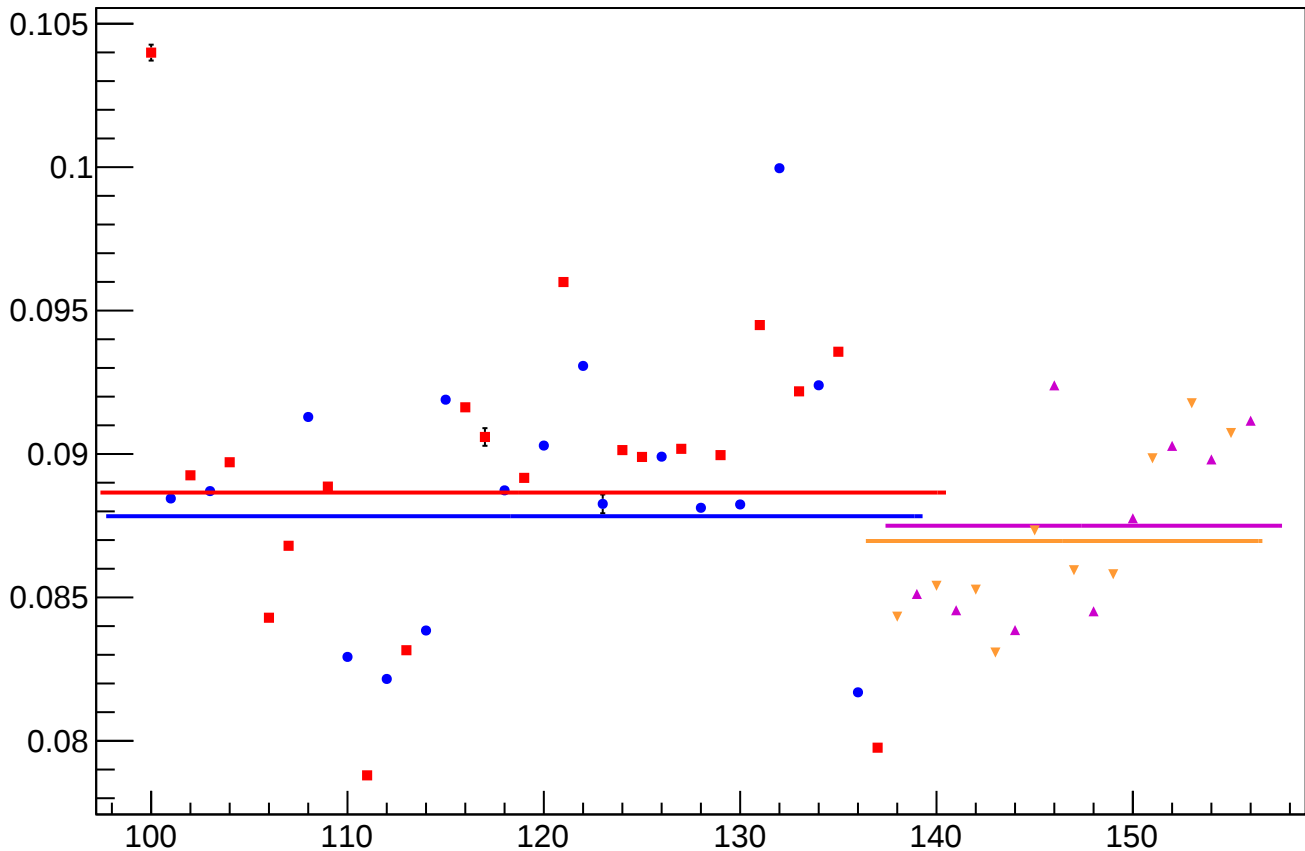
Left In: -0.595+/-0.000 χ^2/NDF : 501077489.3/8

-0.517+/-0.000 χ^2/NDF : 871996147.7/26

-0.502+/-0.000 χ^2/NDF : 1664793769.3/5

-0.488+/-0.000 χ^2/NDF : 792072512.7/28

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.000 χ^2/NDF : 34954.4/16

Left Out: 0.087 $\pm$ 0.000 χ^2/NDF : 14414.0/9

Right Out: 0.089 $\pm$ 0.000 χ^2/NDF : 39762.8/19

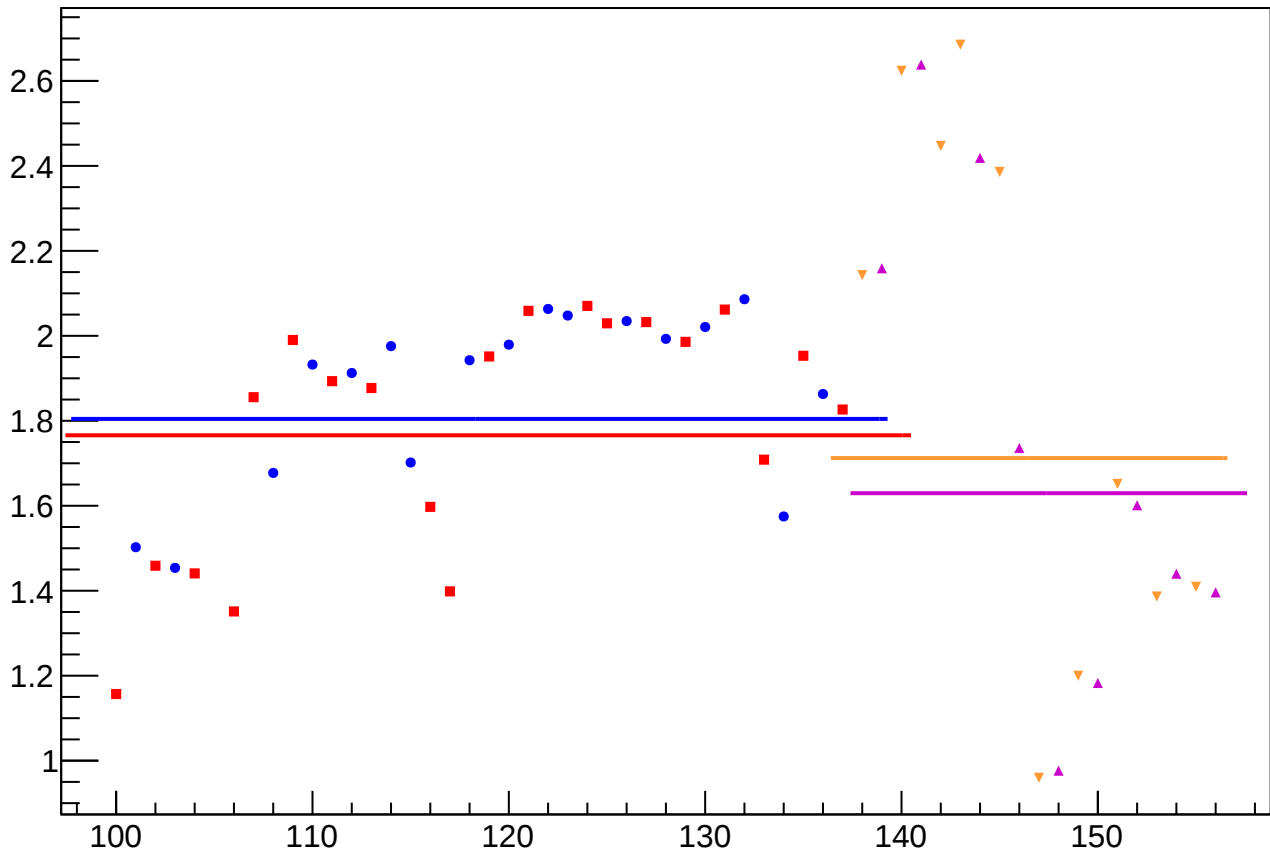
Left In: 0.087 $\pm$ 0.000 χ^2/NDF : 17870.3/8

0.087 $\pm$ 0.000 χ^2/NDF : 50050.4/26

0.088 $\pm$ 0.000 χ^2/NDF : 109800.7/55

0.088 $\pm$ 0.000 χ^2/NDF : 58872.0/28

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.804 $\pm$ 0.000 χ^2/NDF : 1156747883.2/16

Left Out: 1.712 $\pm$ 0.000 χ^2/NDF : 19728640571.9/9

Right Out: 1.766 $\pm$ 0.000 χ^2/NDF : 1717275187.7/19

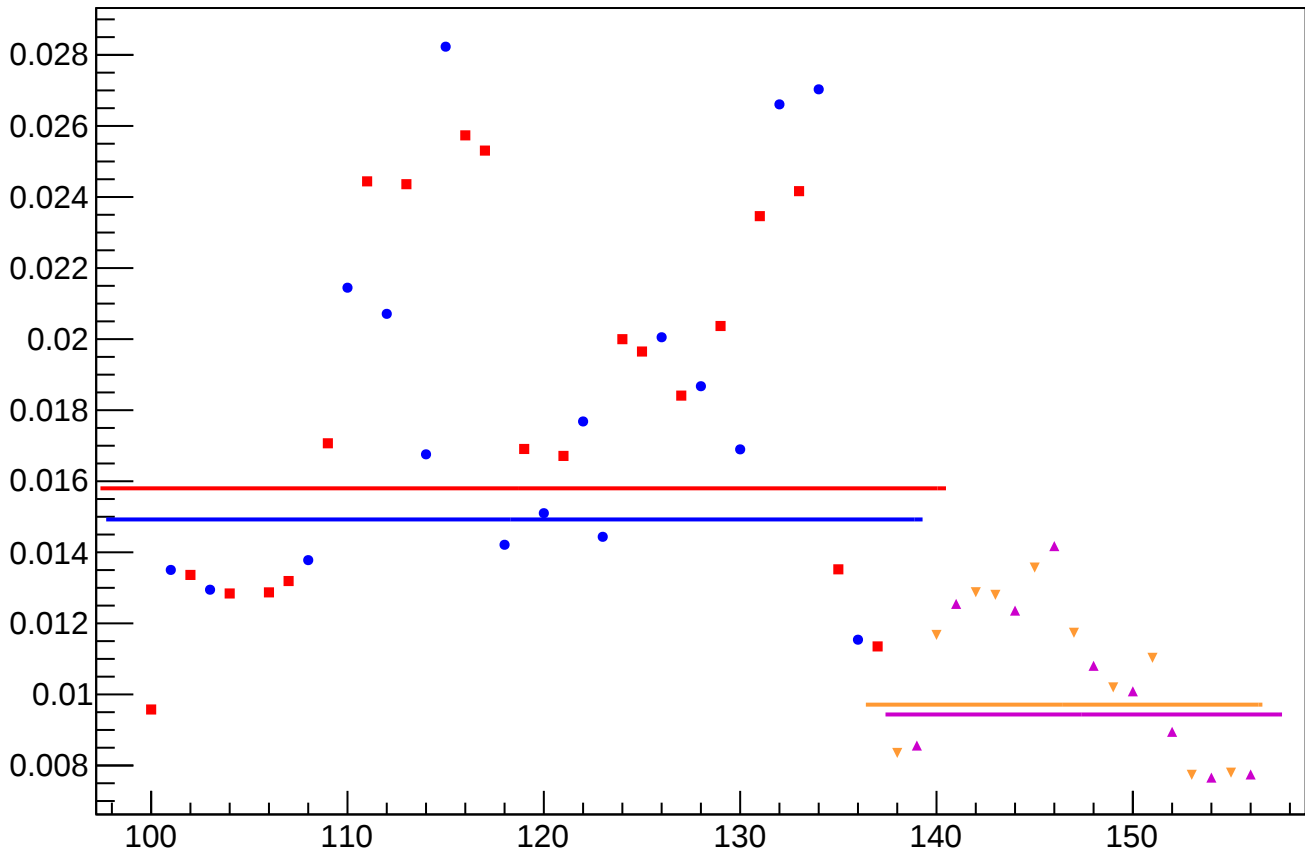
Left In: 1.630 $\pm$ 0.000 χ^2/NDF : 16142800852.3/8

1.737 $\pm$ 0.000 χ^2/NDF : 21045441404.2/26

1.700 $\pm$ 0.000 χ^2/NDF : 39508039205.8/5

1.663 $\pm$ 0.000 χ^2/NDF : 18199412106.1/28

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 643651.9/16

Left Out: 0.010+/-0.000 χ^2/NDF : 563784.3/9

Right Out: 0.016+/-0.000 χ^2/NDF : 796839.8/19

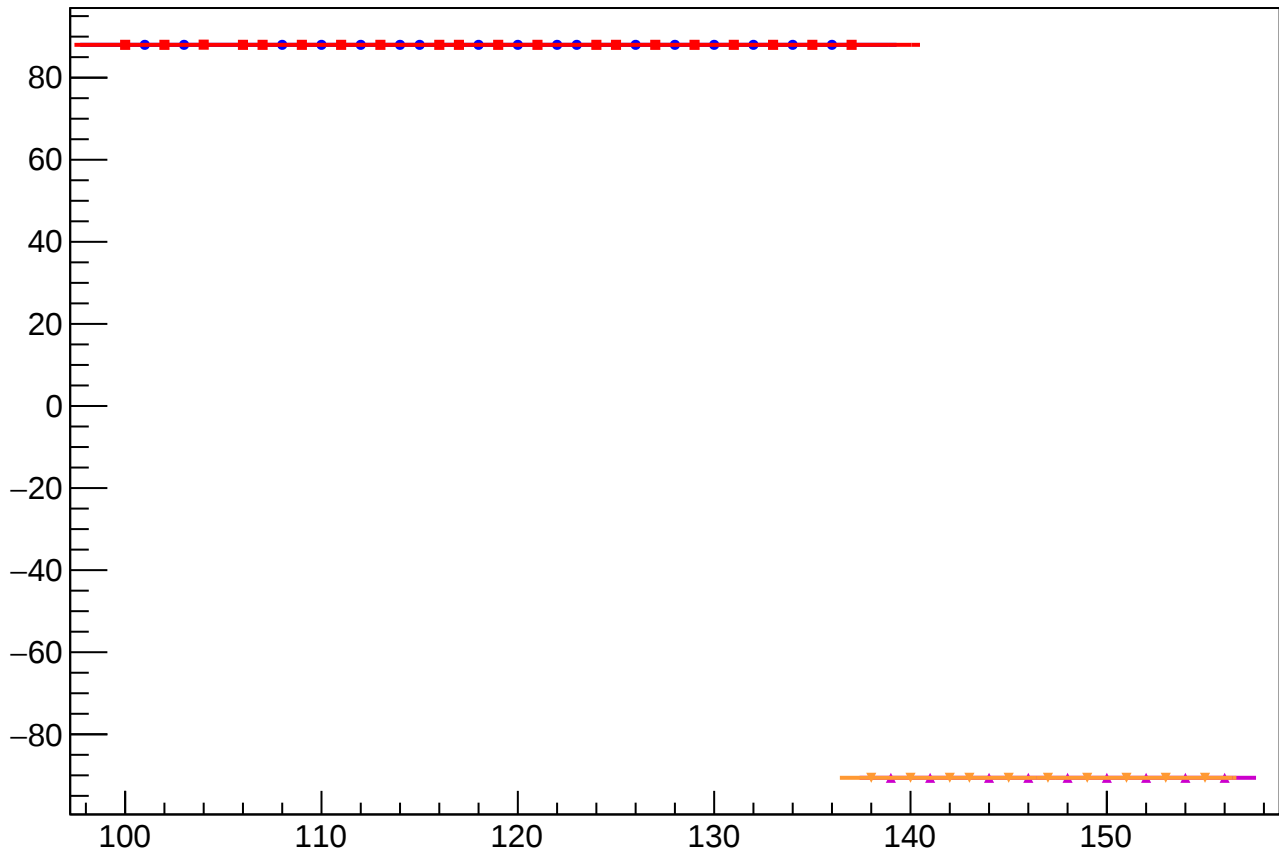
Left In: 0.009+/-0.000 χ^2/NDF : 540328.2/8

0.011+/-0.000 χ^2/NDF : 2230391.0/26

0.011+/-0.000 χ^2/NDF : 5048671.0/55

0.011+/-0.000 χ^2/NDF : 2817124.5/28

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 : 3264495.8/9

Right Out: 88.004+/-0.000 χ^2/NDF : 77578366411928007427611426816.0/19

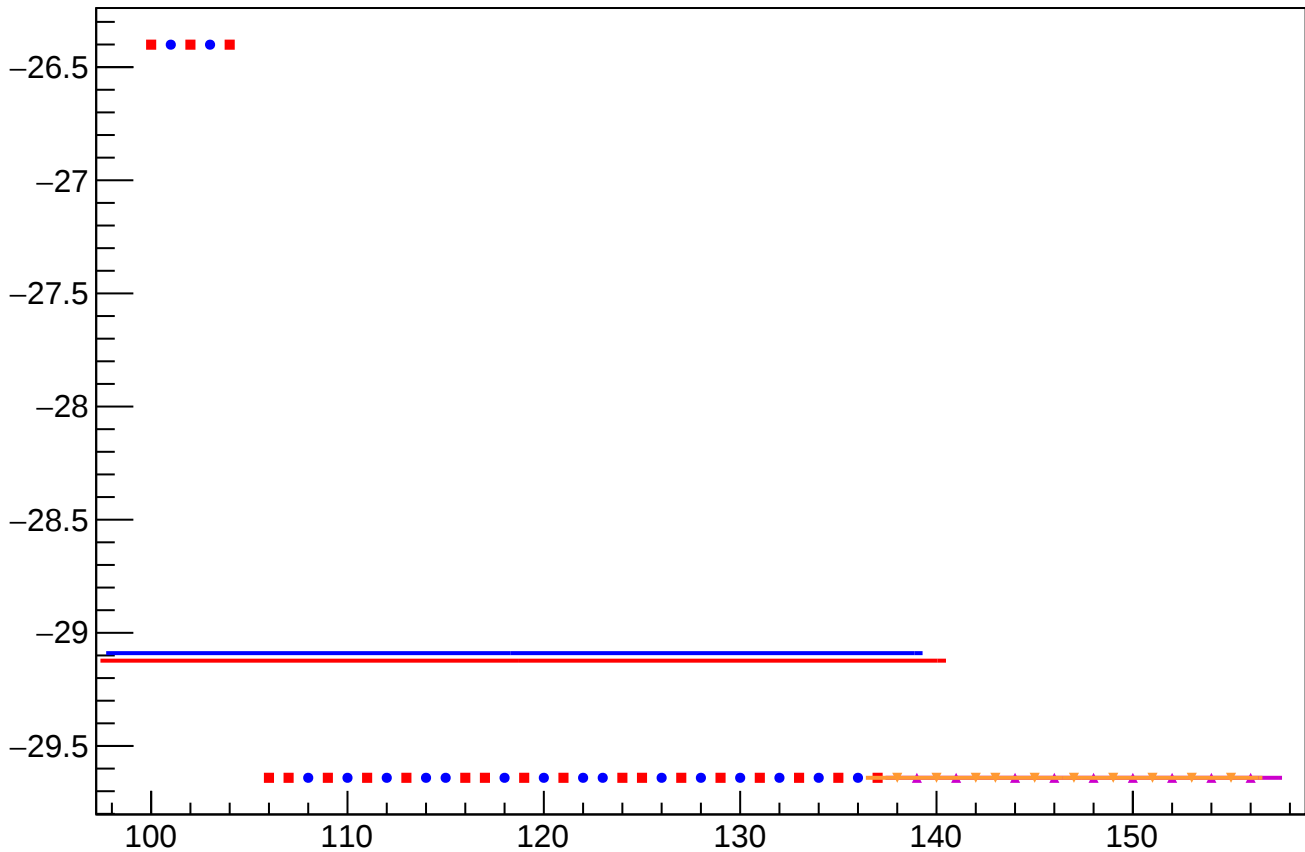
Left In: -90.599+/-0.000 χ^2/NDF : 987729.6/8

-5.235+/-0.000 χ^2/NDF : 115564639489807039

-4.189+/-0.000 χ^2/NDF : 2338098736870

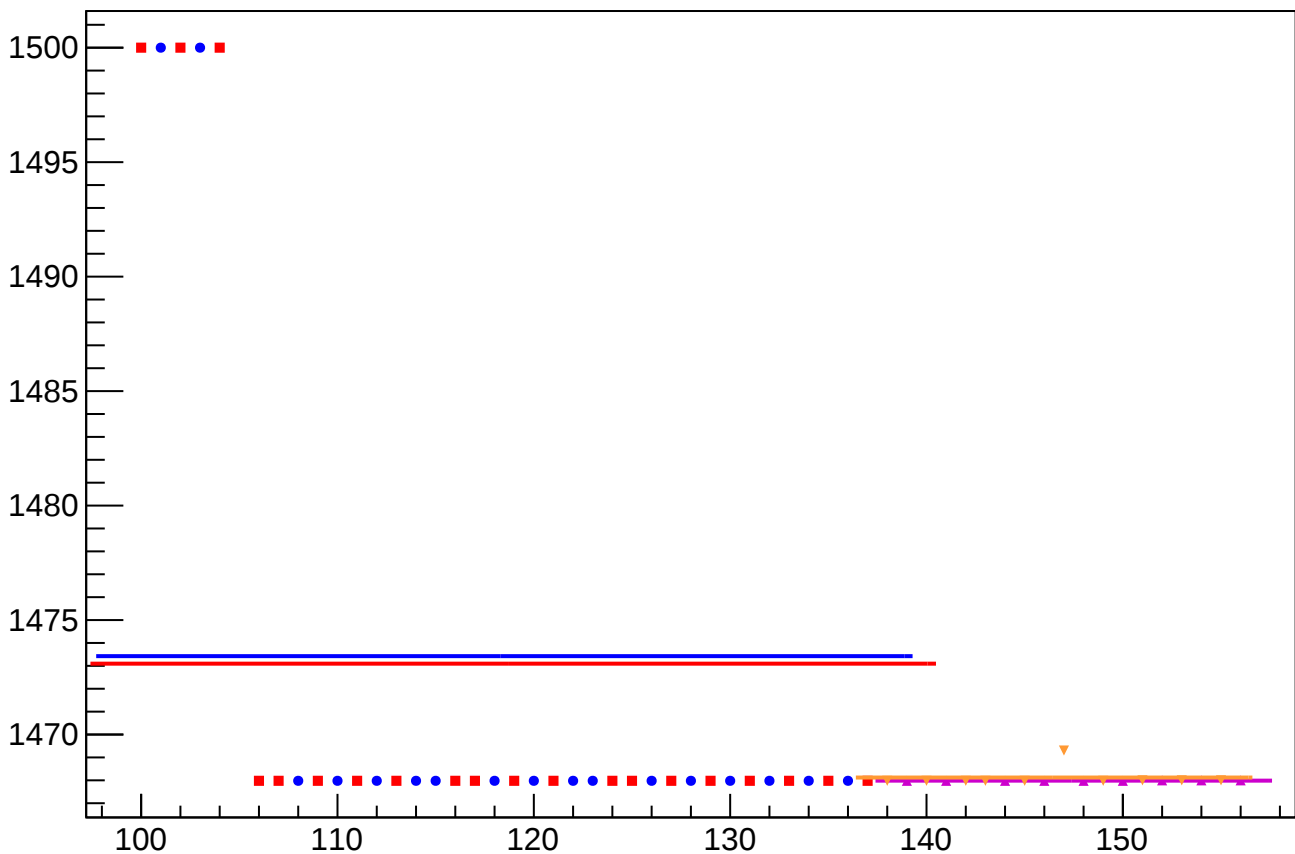
-3.165+/-0.000 χ^2/NDF : 118213773250416193

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 : 174559.1/9
 Right Out: -29.123+/-0.000 χ^2/NDF : 1023154512396702254583444720844800.0/19
 Left In: -29.641+/-0.000 χ^2/NDF : 62465.2/8

epics_psub_pl_poss_mean vs Slug, Sign Corrected



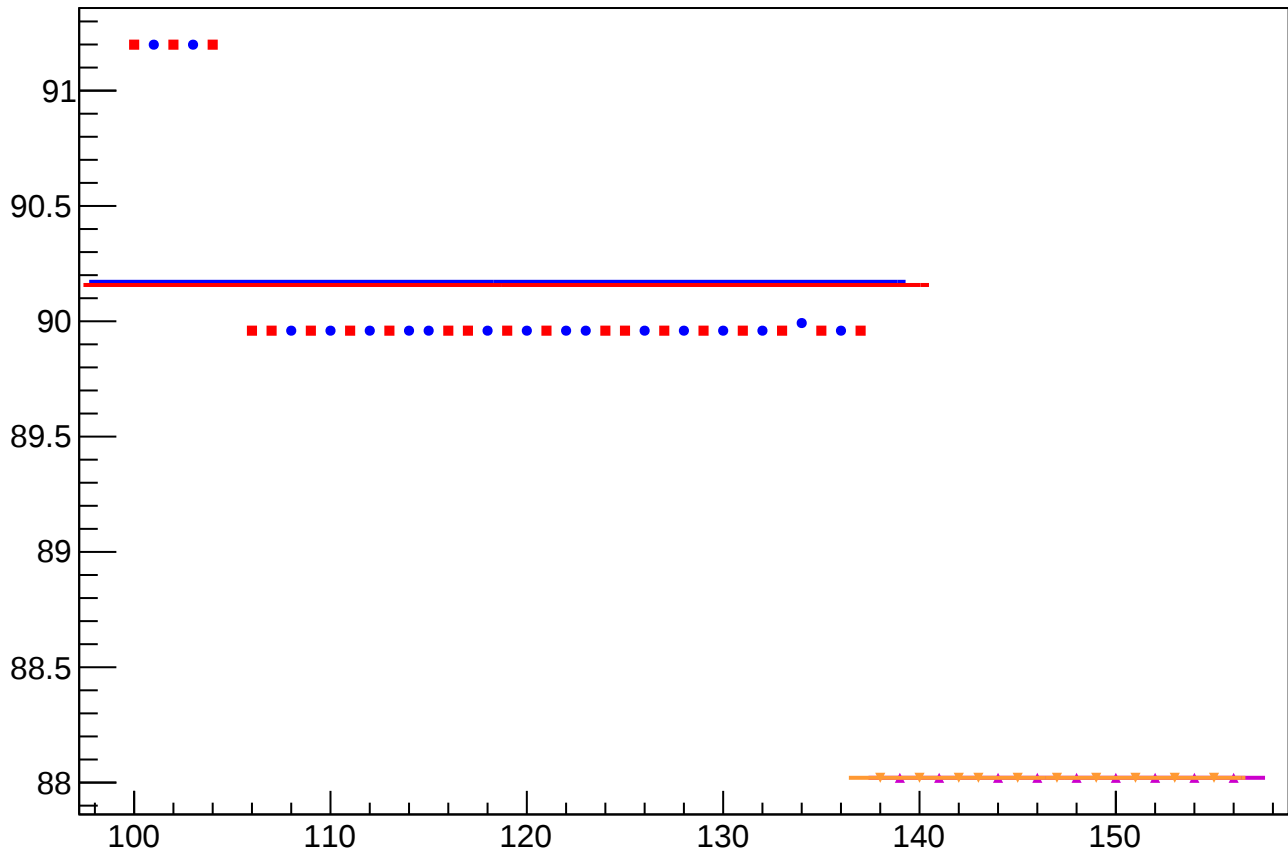
Right In: 1473.424+/-0.000 χ^2/NDF : 100421295828245505125784497044848640.0/16

Left Out: 1468.122+/-0.000 χ^2/NDF : 121080860142079532627365115985920.0/9

Right Out: 1473.096+/-0.000 χ^2/NDF : 99938310777099611815298348687032320.0/19

Left In: 1467.986+/-0.000 χ^2/NDF : 67770673691727851640487673856.0/8

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 : 2950668.0/9

Right Out: 90.157+/-0.000 χ^2/NDF : 149863052341628336344772108091392.0/19

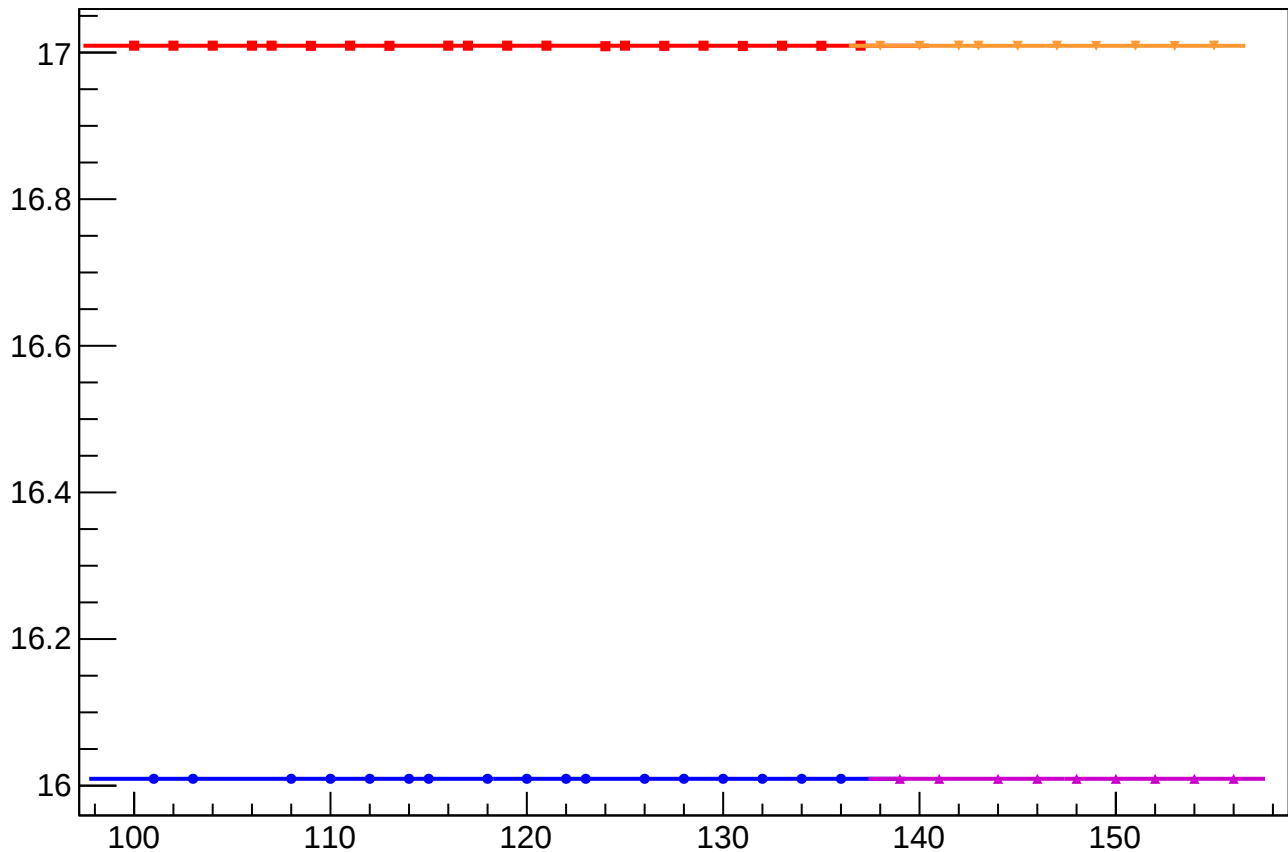
Left In: 88.021+/-0.000 χ^2/NDF : 1300951.5/8

89.049+/-0.000 χ^2/NDF : 182569367613062189

89.058+/-0.000 χ^2/NDF : 3667746954520

89.067+/-0.000 χ^2/NDF : 18418101163065979

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 : 9633055740760340629028864.0/9

Right Out: 17.009+/-0.000 χ^2/NDF : 12548783366686740957888512.0/19

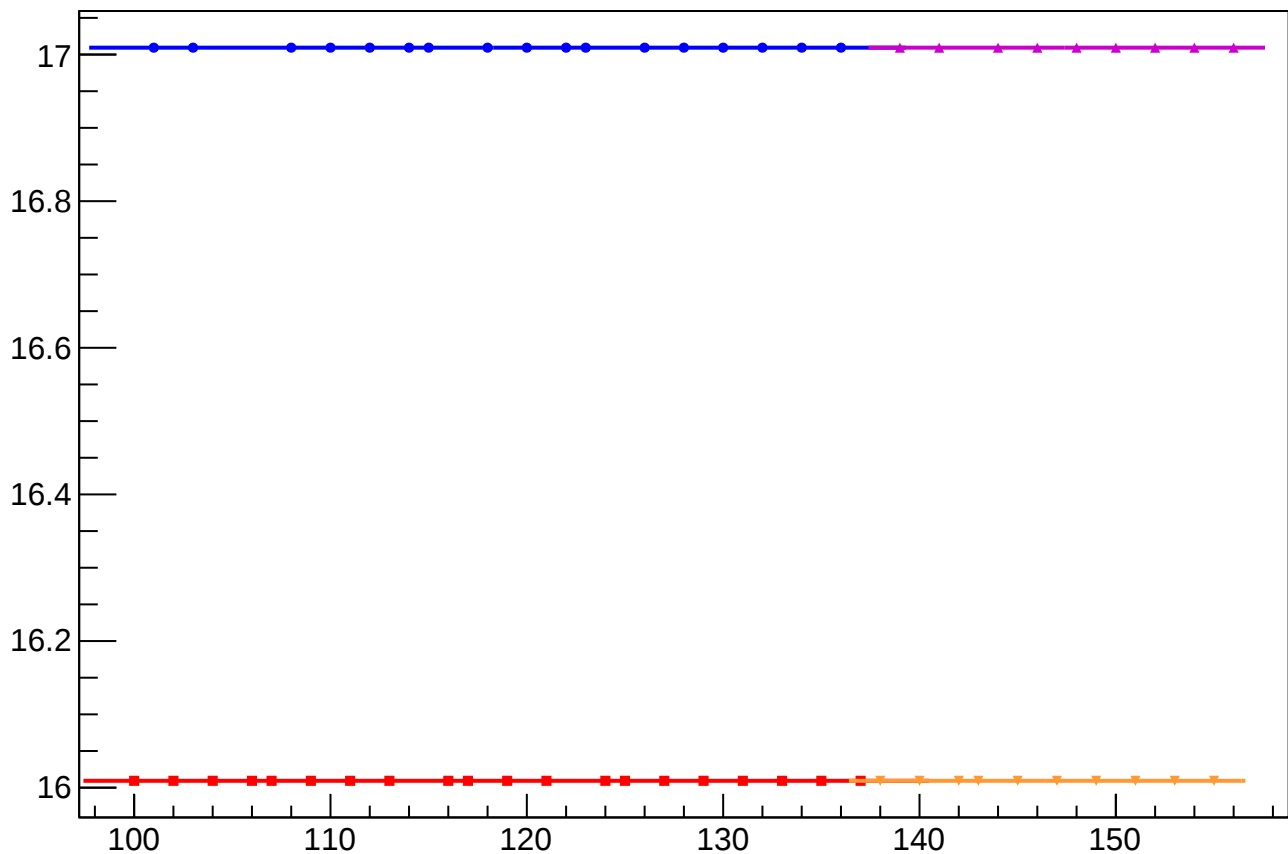
Left In: 16.009+/-0.000 χ^2/NDF : 32816.6/8

16.516+/-0.000 χ^2/NDF : 335085067305944412

16.501+/-0.000 χ^2/NDF : 6793891259727

16.487+/-0.000 χ^2/NDF : 343740581385919814

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: 28941.7/9

Right Out: 16.009+/-0.000 χ^2 /NDF: 42750.0/19

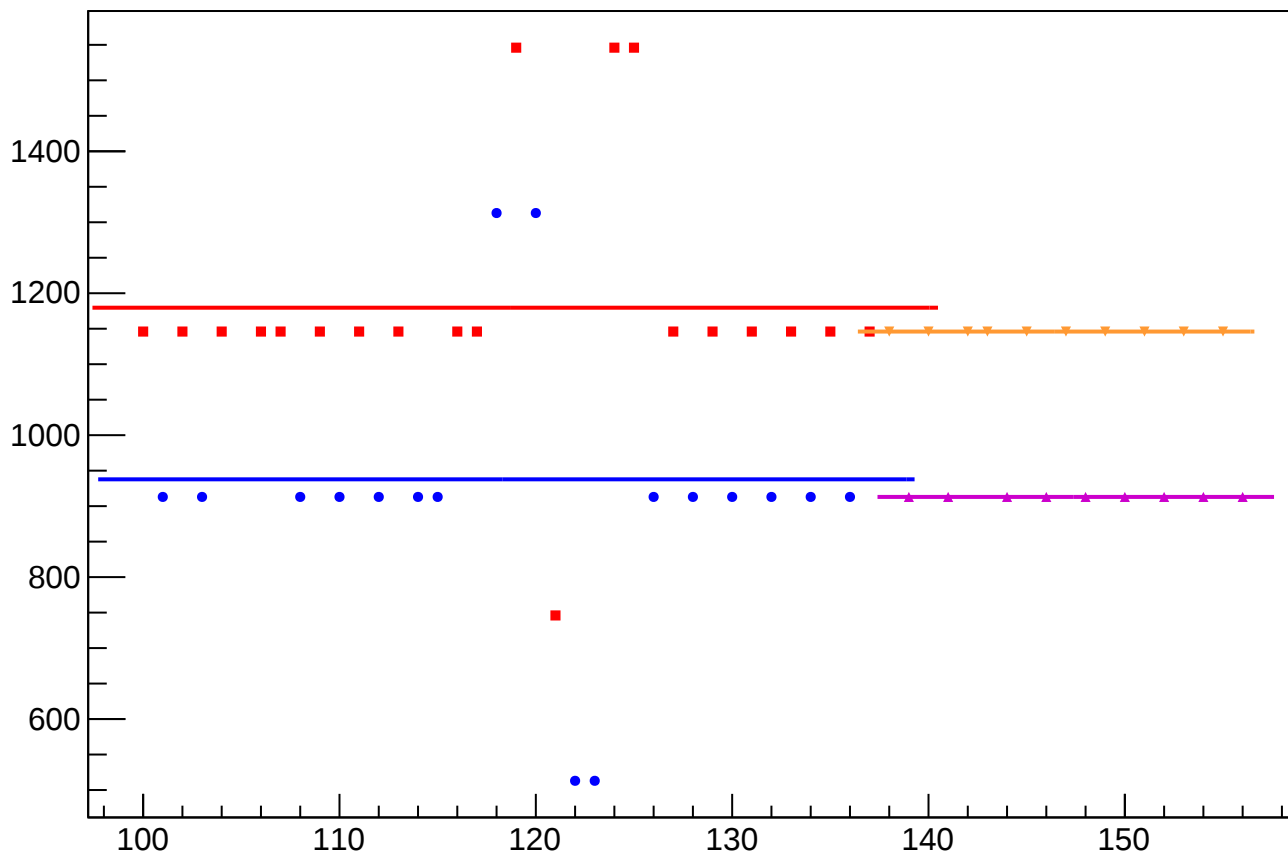
Left In: 17.009+/-0.000 χ^2 /NDF: 23653.2/8

16.478+/-0.000 χ^2 /NDF: 351628895184130940

16.501+/-0.000 χ^2 /NDF: 7217835872575

16.522+/-0.000 χ^2 /NDF: 368755420054167618

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



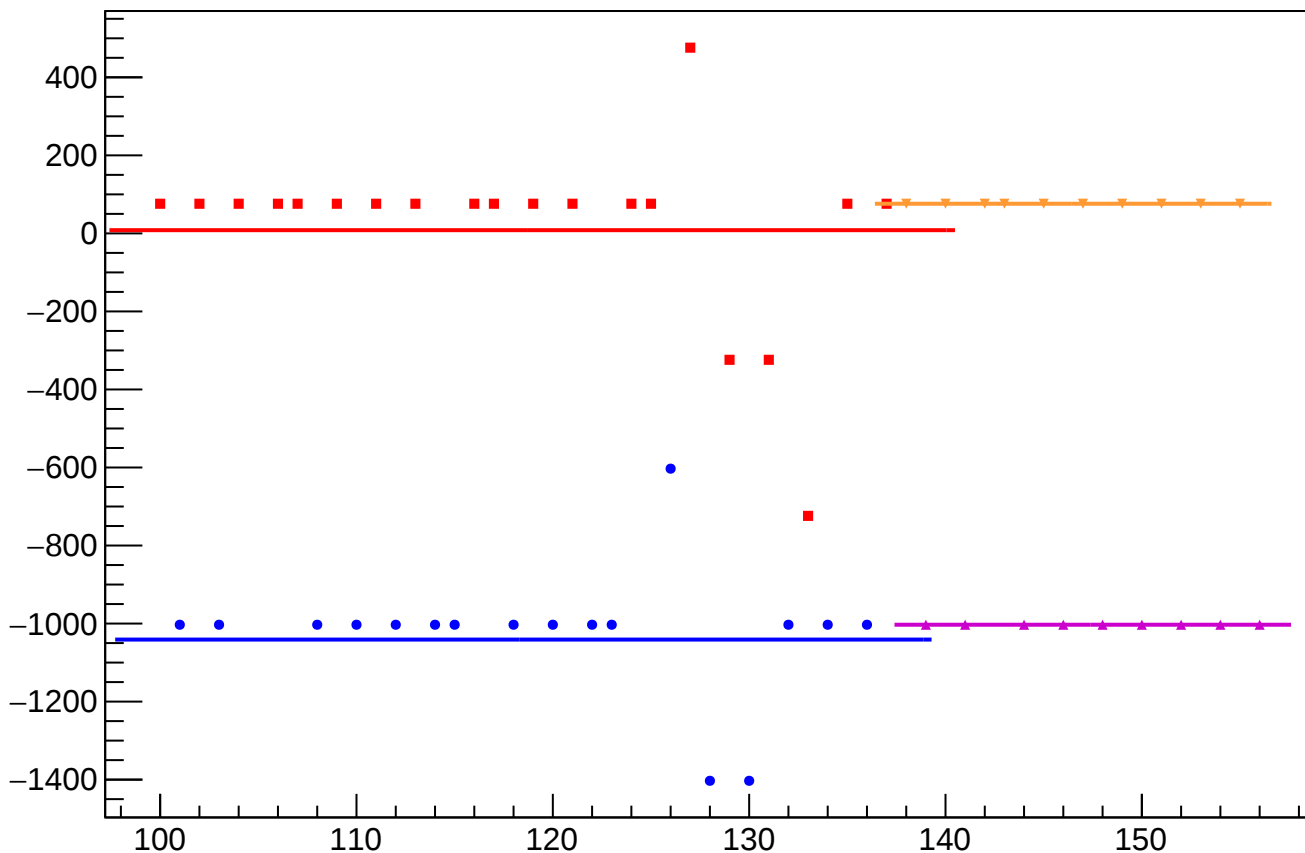
Right In: 937.779+/-0.000 χ^2/NDF : 20855047225839389243005638100272545792.0/16

Left Out: 1146.011+/-0.000 χ^2/NDF : 2612951619900884841628958720.0/9

Right Out: 1179.619+/-0.000 χ^2/NDF : 21420659731738679306829480097874968576.0/19

Left In: 912.994+/-0.000 χ^2/NDF : 9522083881887774169553174528.0/8

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 : 2999609124876786285613678592.0/9

Right Out: 8.240+/-0.000 χ^2/NDF : 43865391744972338137265798243810279424.0/19

Left In: -1002.989+/-0.000 χ^2/NDF : 1104767084912962784542588928.0/8