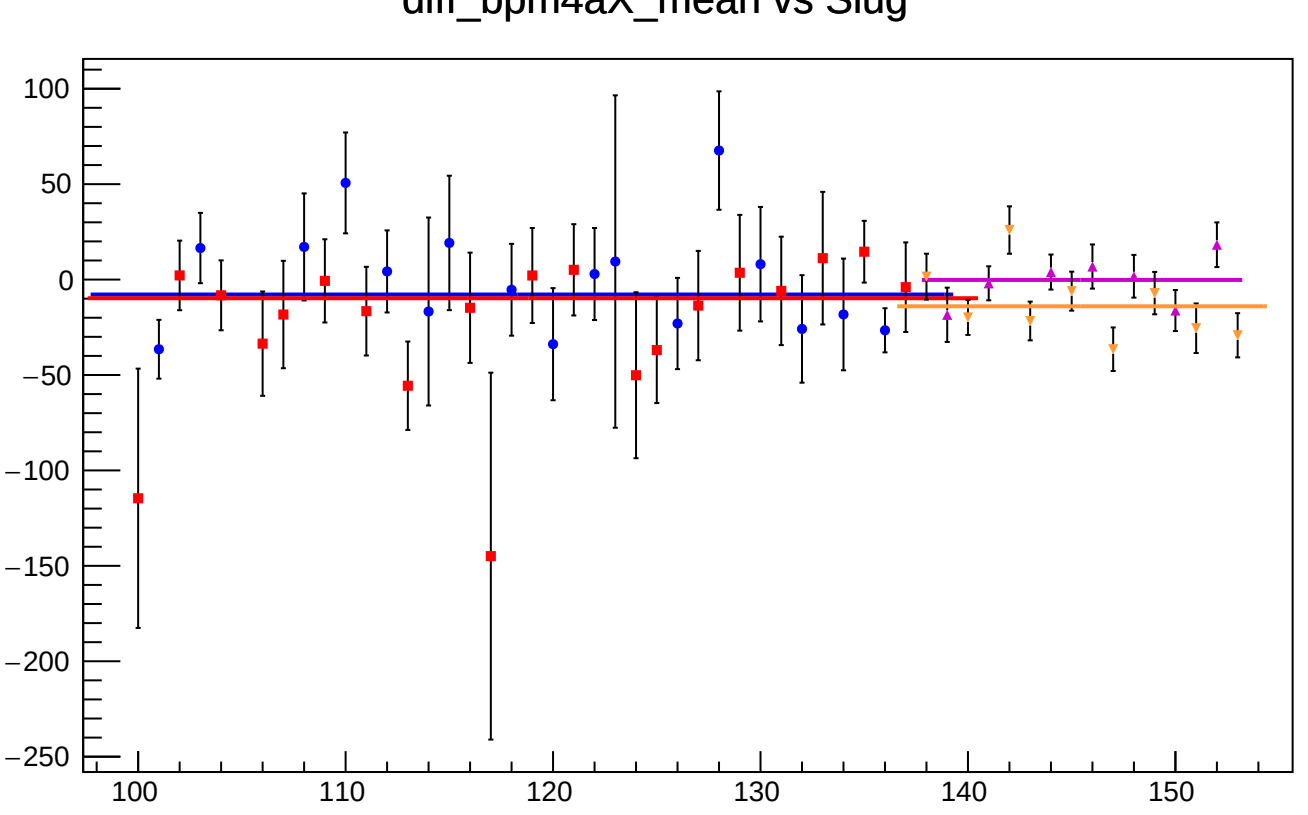


Right In: -7.841+/-5.608 χ^2/NDF: 22.6/16

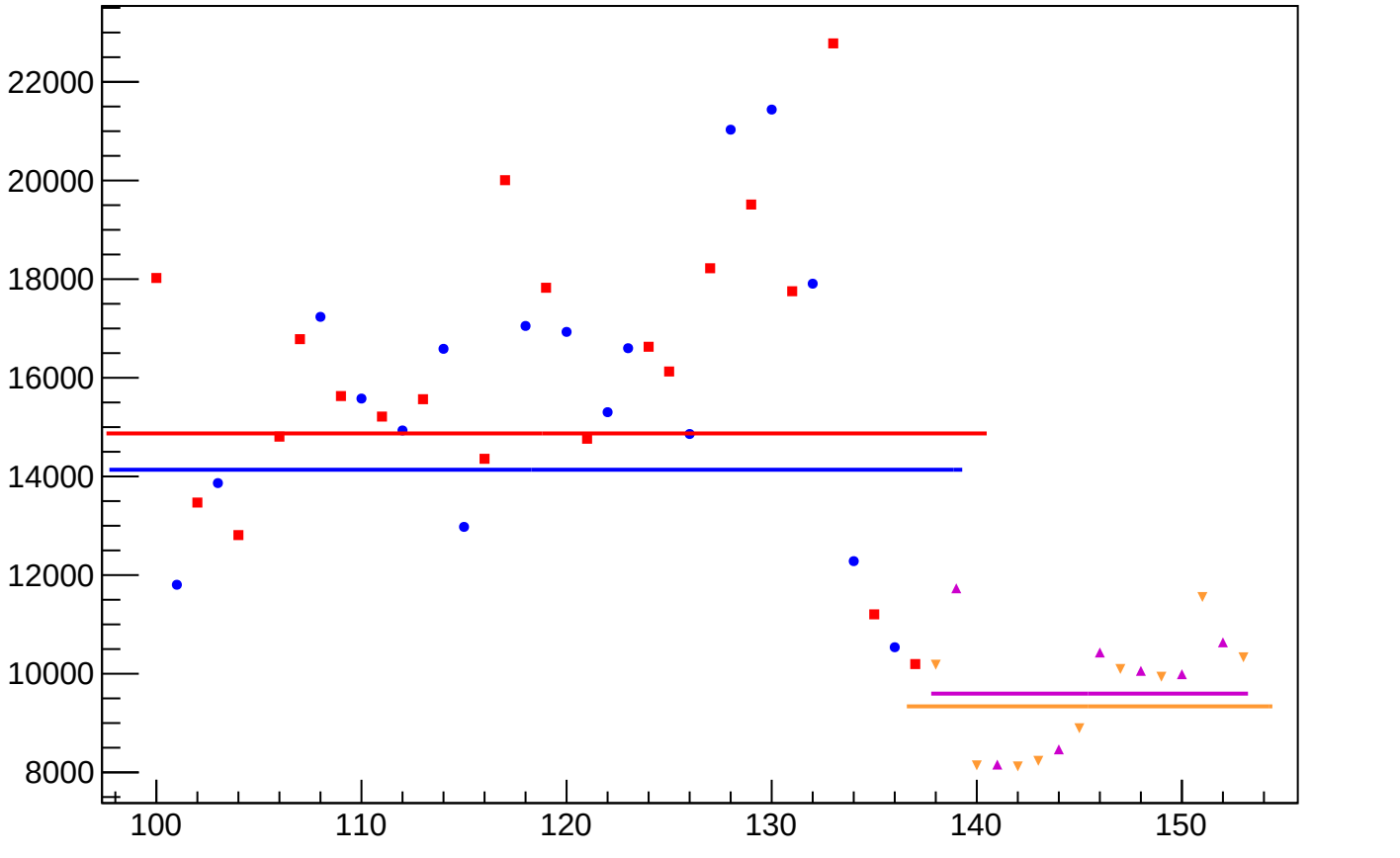
Left Out: -13.999+/-3.682 χ^2/NDF:20.4/8

Right Out: -9.781+/-5.667 χ^2/NDF: 15.2/19

Left In: -0.185+/-4.056 χ^2/NDF:7.0/6

-12.145+/-3.078 χ^2/NDF: 43.9/25

-3.435+/-3.298 χ^2/NDF: 24.1/26



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

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

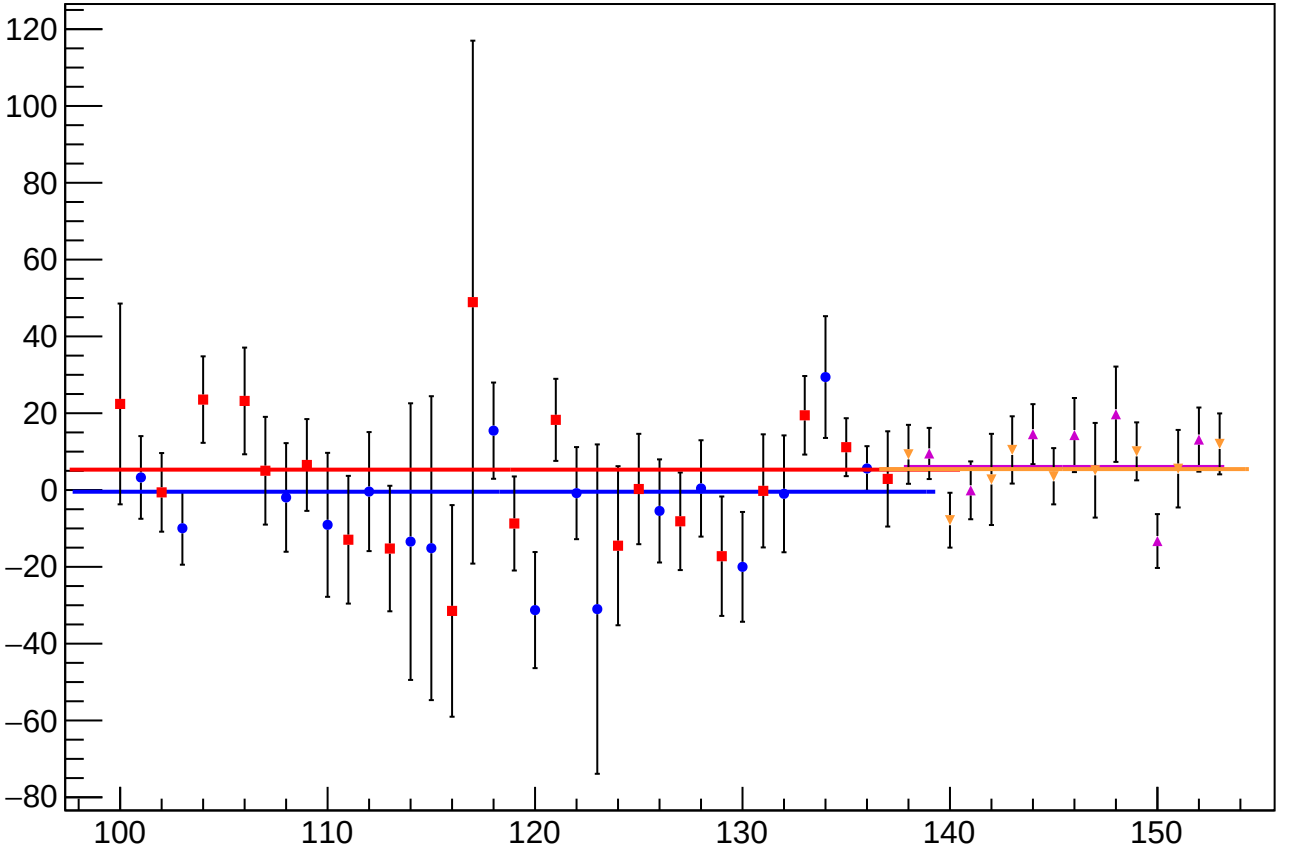
Right Out: 14871.940+/-4.007 χ^2/NDF: 477742.9/19

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

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

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

diff_bpm4aY_mean vs Slug



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

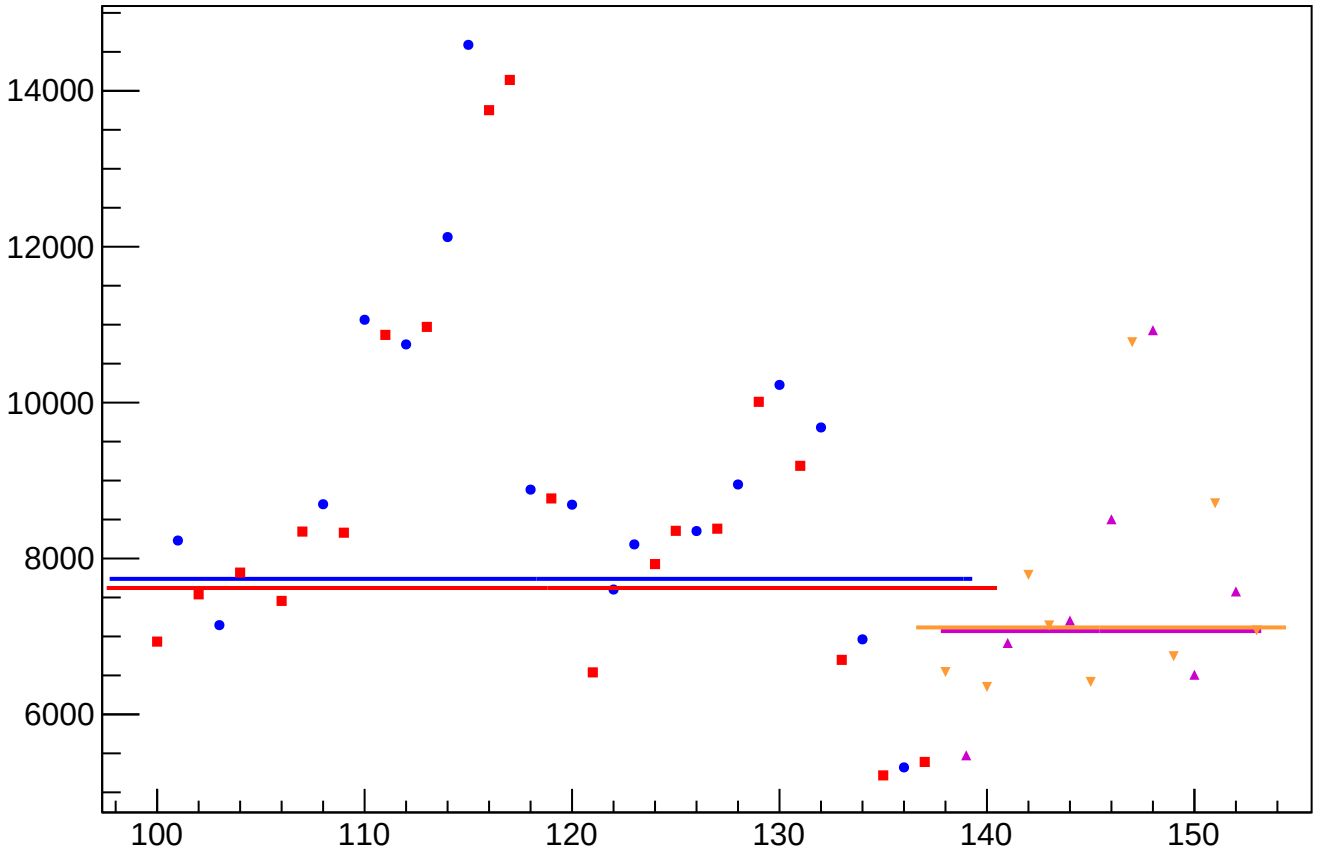
Left Out: 5.452+/-2.826 χ^2/NDF:5.2/8

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

Left In: 6.011+/-3.036 χ^2/NDF:12.4/6

2.750+/-2.080 χ^2/NDF: 21.7/25

5.649+/-2.110 χ^2/NDF: 32.2/26



Right In: 7738.886+/-2.172 χ^2/NDF: 740836.7/16

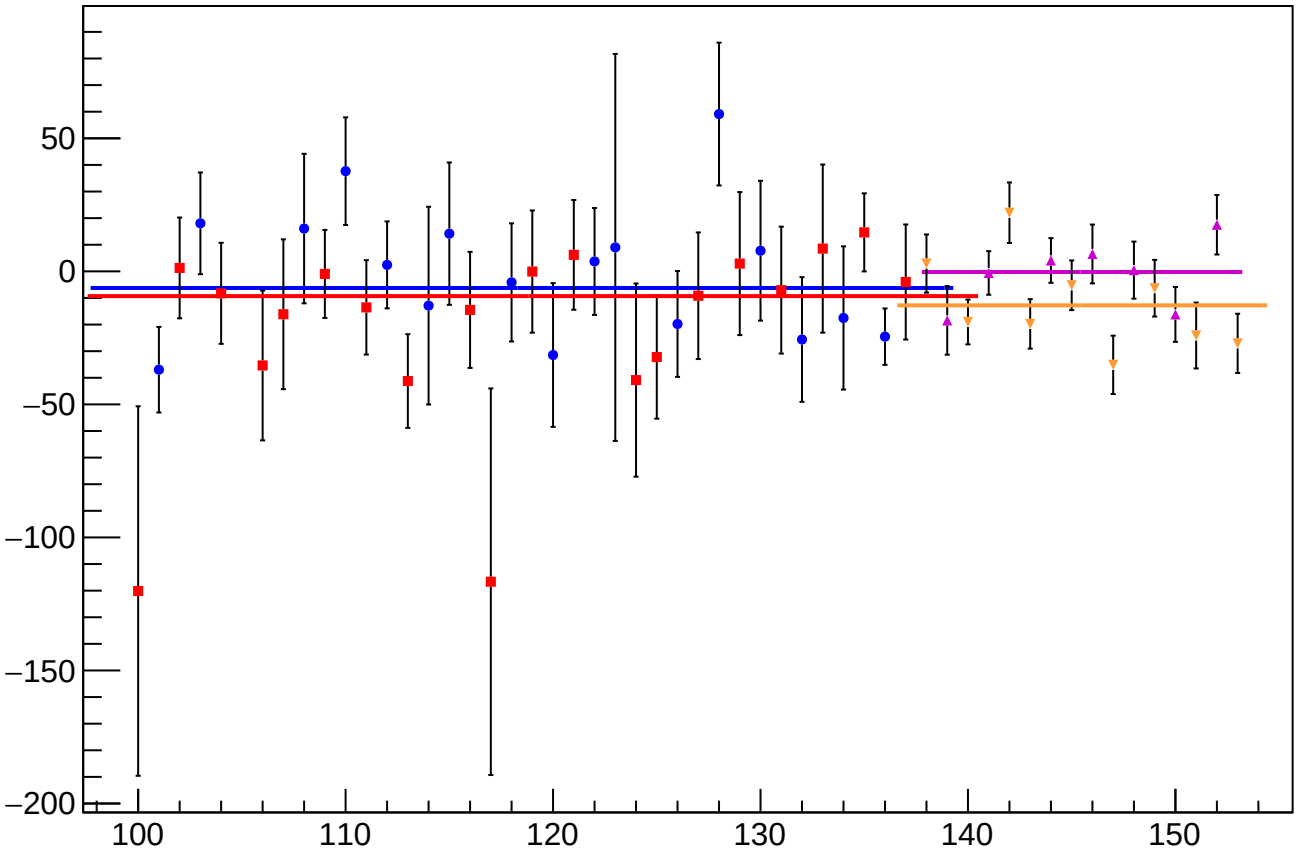
Left Out: 7115.503+/-1.998 χ^2/NDF:289558.3/8

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

Left In: 7069.137+/-2.147 χ^2/NDF:373877.5/6

7401.344+/-1.470 χ^2/NDF: 1075016.2/25

7354.939+/-1.492 χ^2/NDF: 1105684.4/26



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

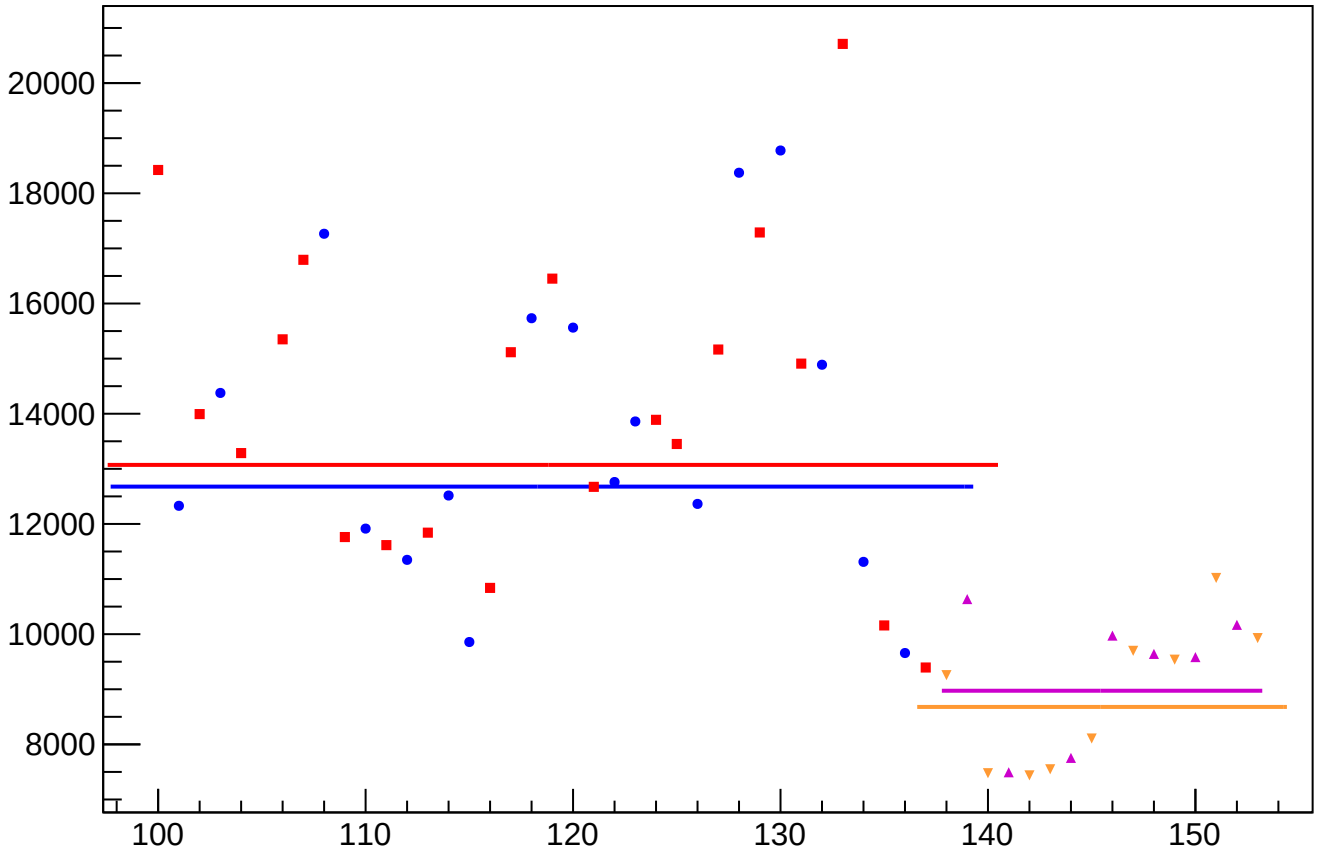
Left Out: -12.777+/-3.430 χ^2/NDF:20.2/8

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

Left In: -0.240+/-3.798 χ^2/NDF:7.5/6

-10.696+/-2.832 χ^2/NDF: 44.6/25

-3.569+/-3.022 χ^2/NDF: 25.0/26



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

Left Out: 8679.404+/-2.425 χ^2/NDF:234279.8/8

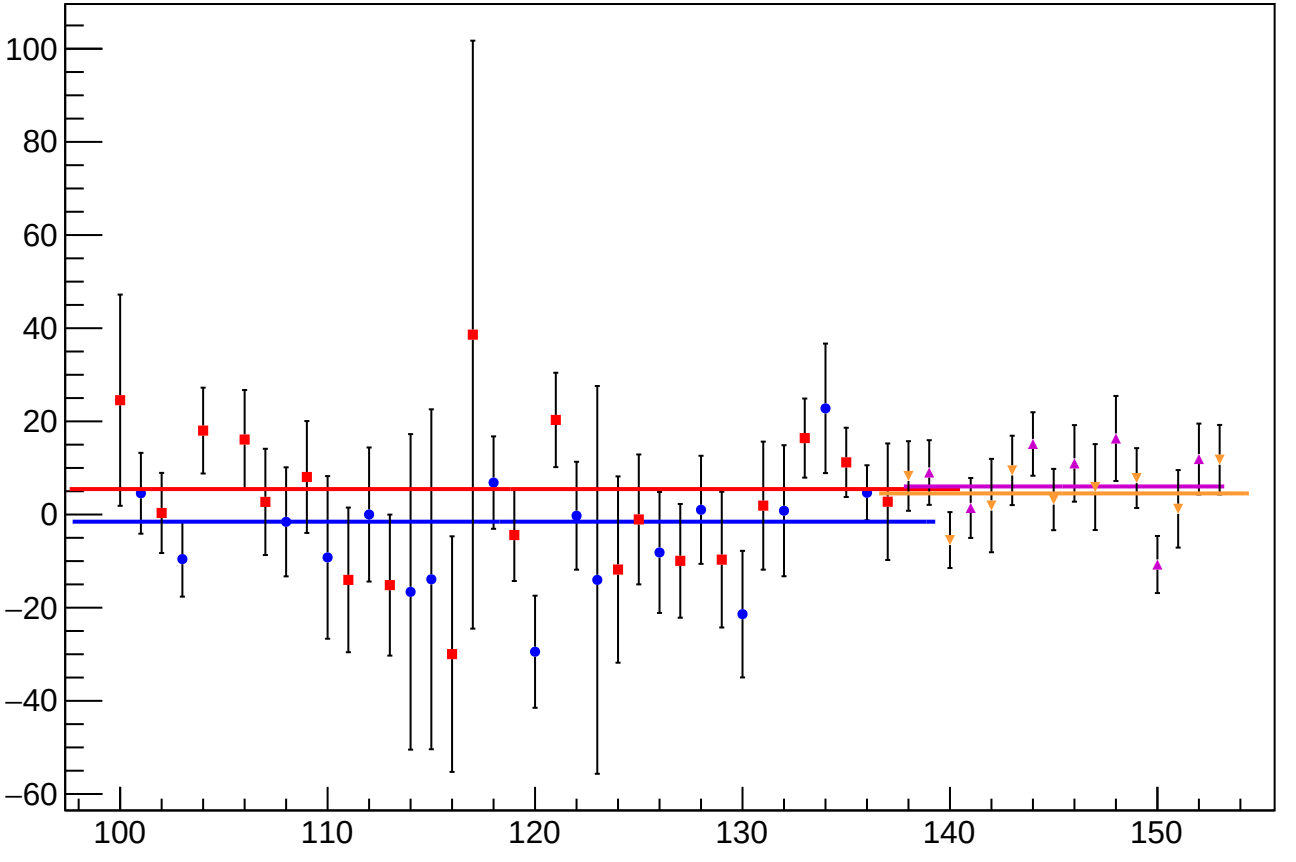
Right Out: 13071.522+/-3.527 χ^2/NDF: 499021.5/19

Left In: 8973.377+/-2.685 χ^2/NDF:194544.4/6

9952.838+/-2.002 χ^2/NDF: 1653354.2/25

10477.489+/-2.137 χ^2/NDF: 1548294.5/26

diff_bpm4eY_mean vs Slug



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

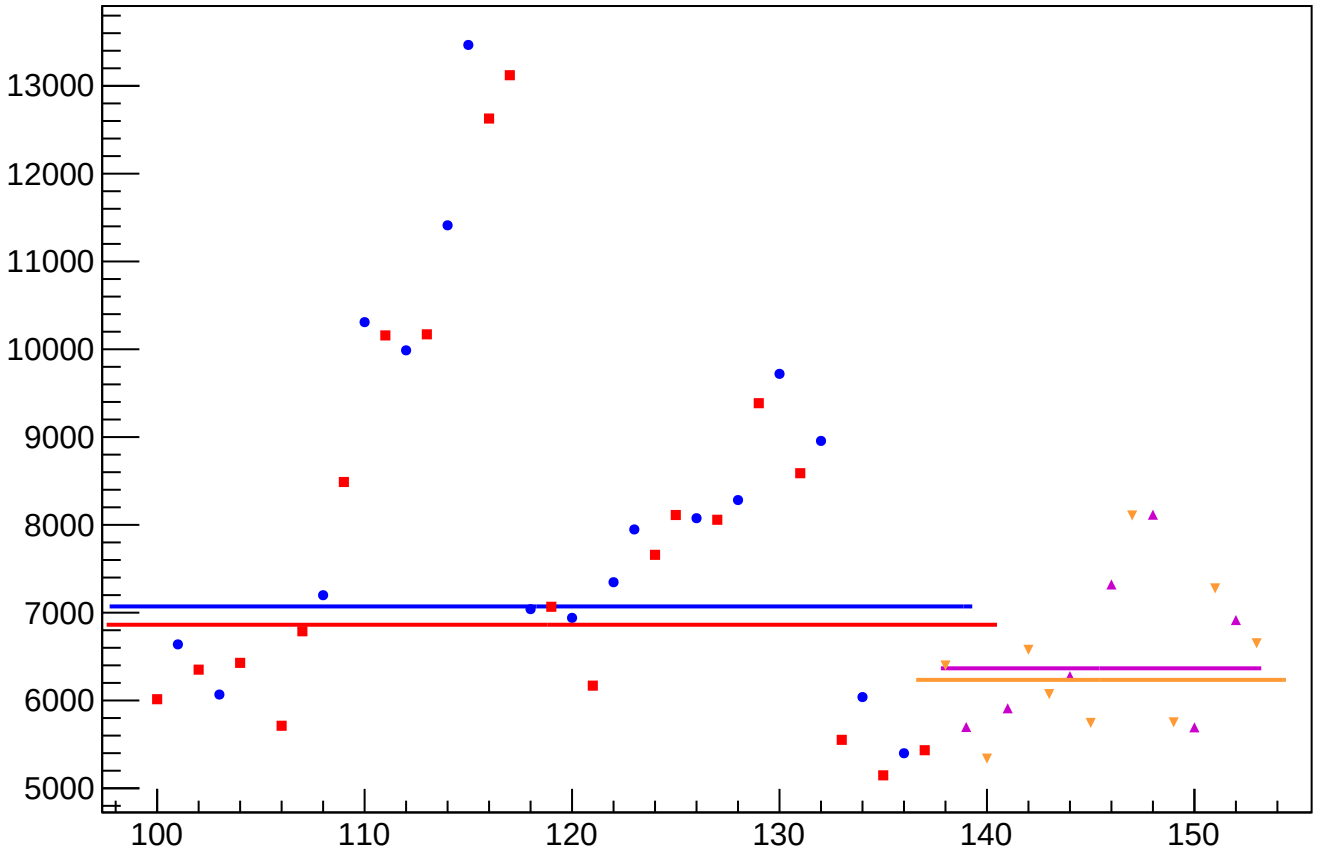
Left Out: 4.533+/-2.460 χ^2/NDF:5.0/8

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

Left In: 6.026+/-2.700 χ^2/NDF:12.2/6

1.878+/-1.845 χ^2/NDF: 22.5/25

5.738+/-1.887 χ^2/NDF: 31.1/26



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

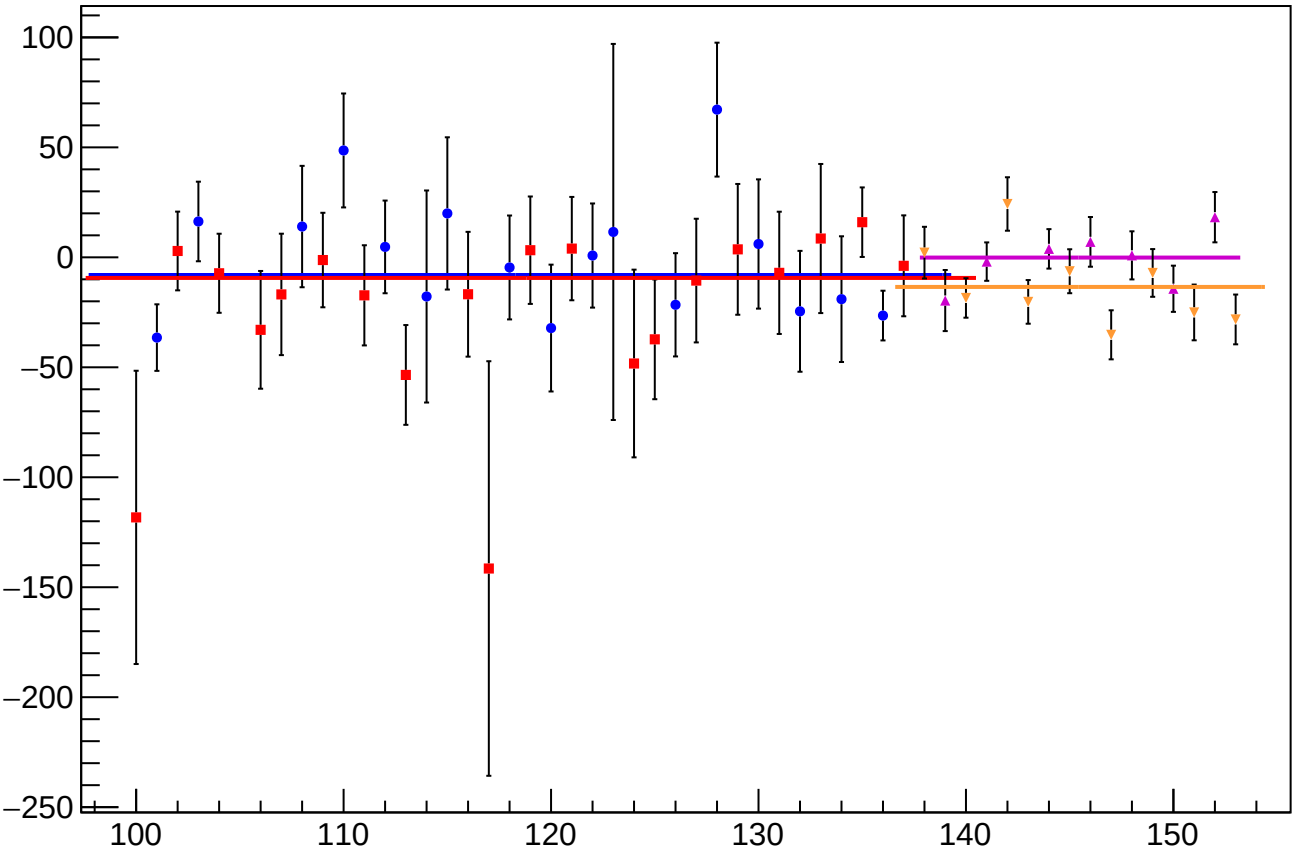
Left Out: 6234.827+/-1.740 χ^2/NDF:191443.5/8

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

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

6600.602+/-1.305 χ^2/NDF: 893239.8/25

6620.263+/-1.334 χ^2/NDF: 902569.2/26



Right In: -8.036+/-5.497 χ^2/NDF: 22.6/16

Left Out: -13.460+/-3.600 χ^2/NDF:19.4/8

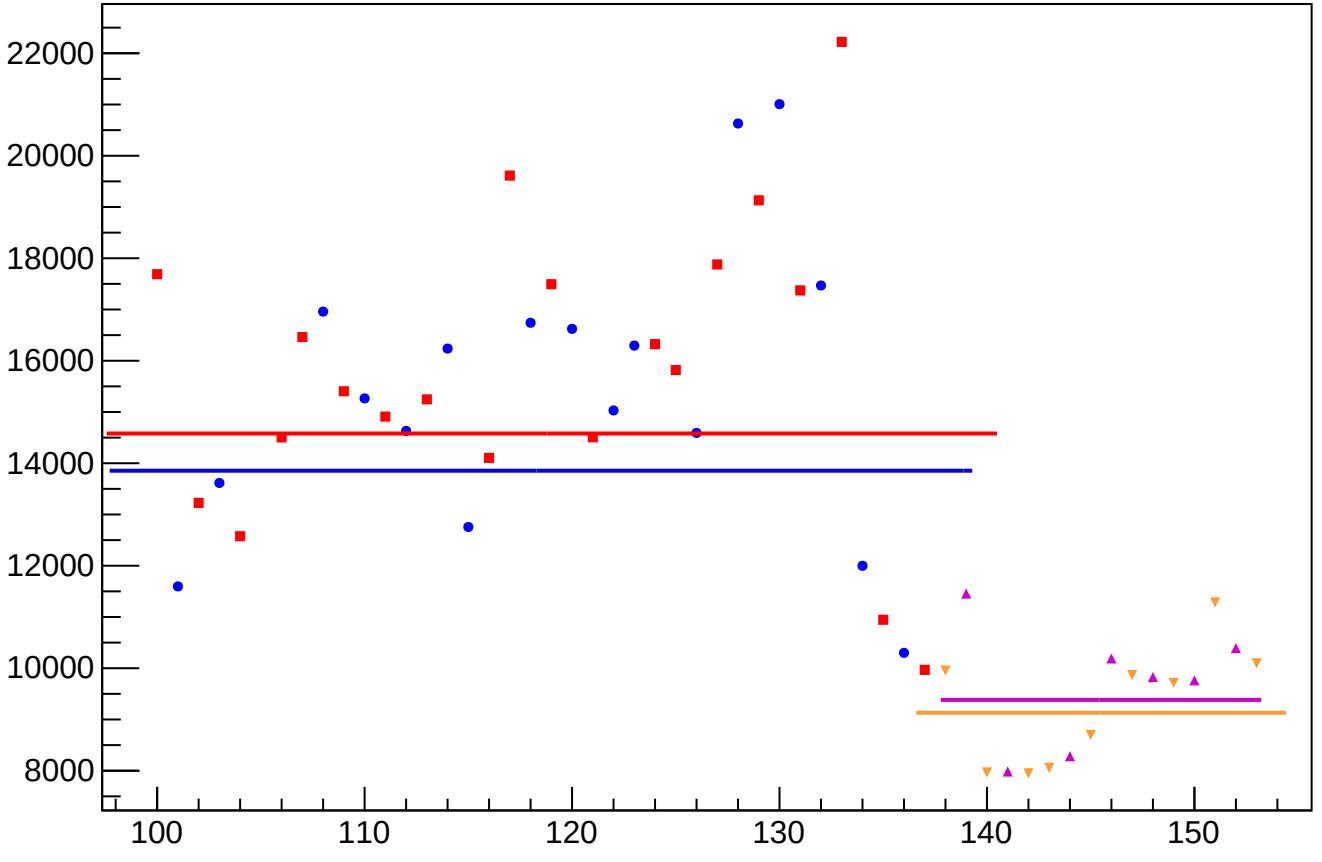
Right Out: -9.368+/-5.556 χ^2/NDF: 15.7/19

Left In: -0.111+/-3.964 χ^2/NDF:7.0/6

-11.832+/-3.012 χ^2/NDF: 42.6/25

-3.233+/-3.227 χ^2/NDF: 24.5/26

diff_bpm4acX_rms vs Slug



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

Left Out: 9131.806+/-2.545 χ^2/NDF:176290.9/8

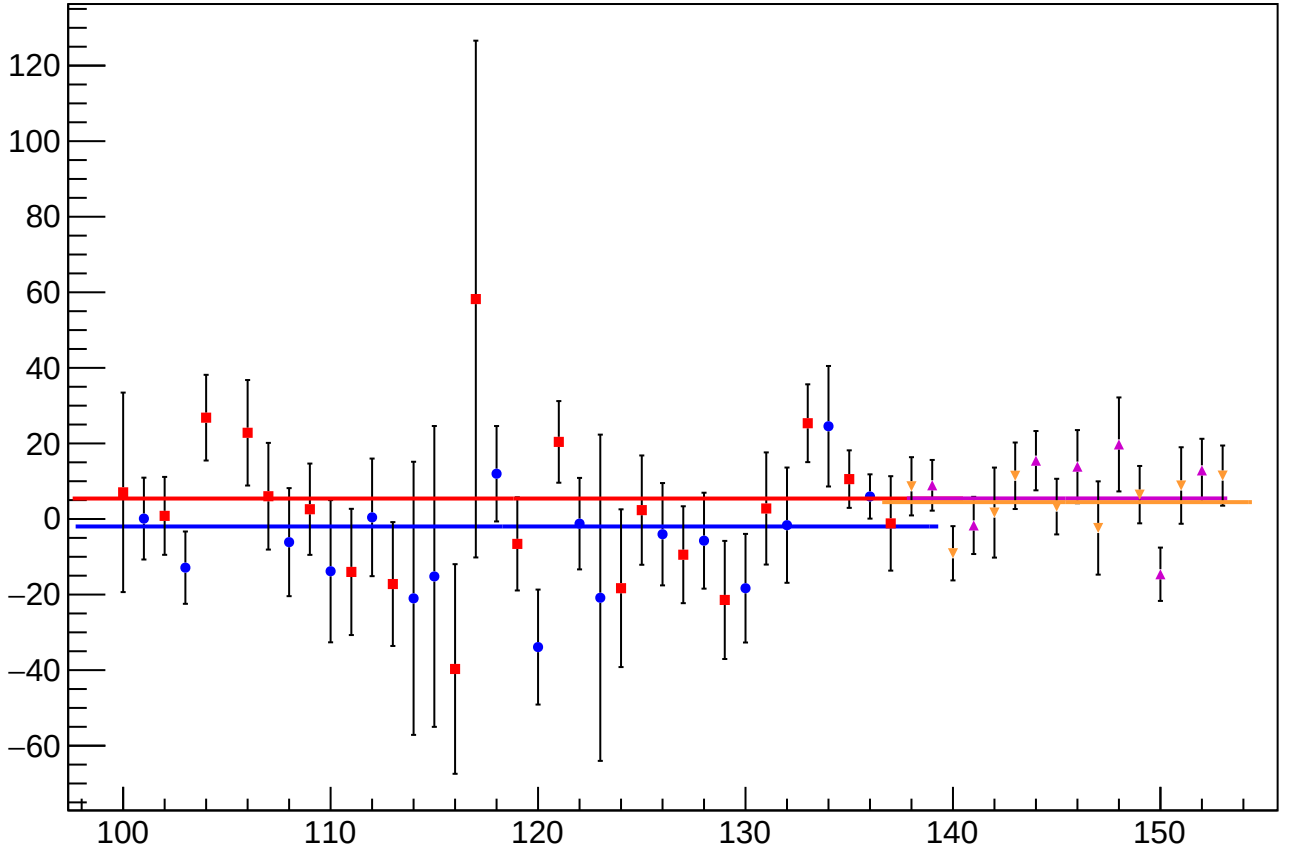
Right Out: 14579.863+/-3.929 χ^2/NDF: 480003.4/19

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

10549.010+/-2.129 χ^2/NDF: 1810189.0/25

11135.567+/-2.282 χ^2/NDF: 1797365.2/26

diff_bpm4acY_mean vs Slug



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

Left Out: 4.465+/-2.839 χ^2/NDF:5.9/8

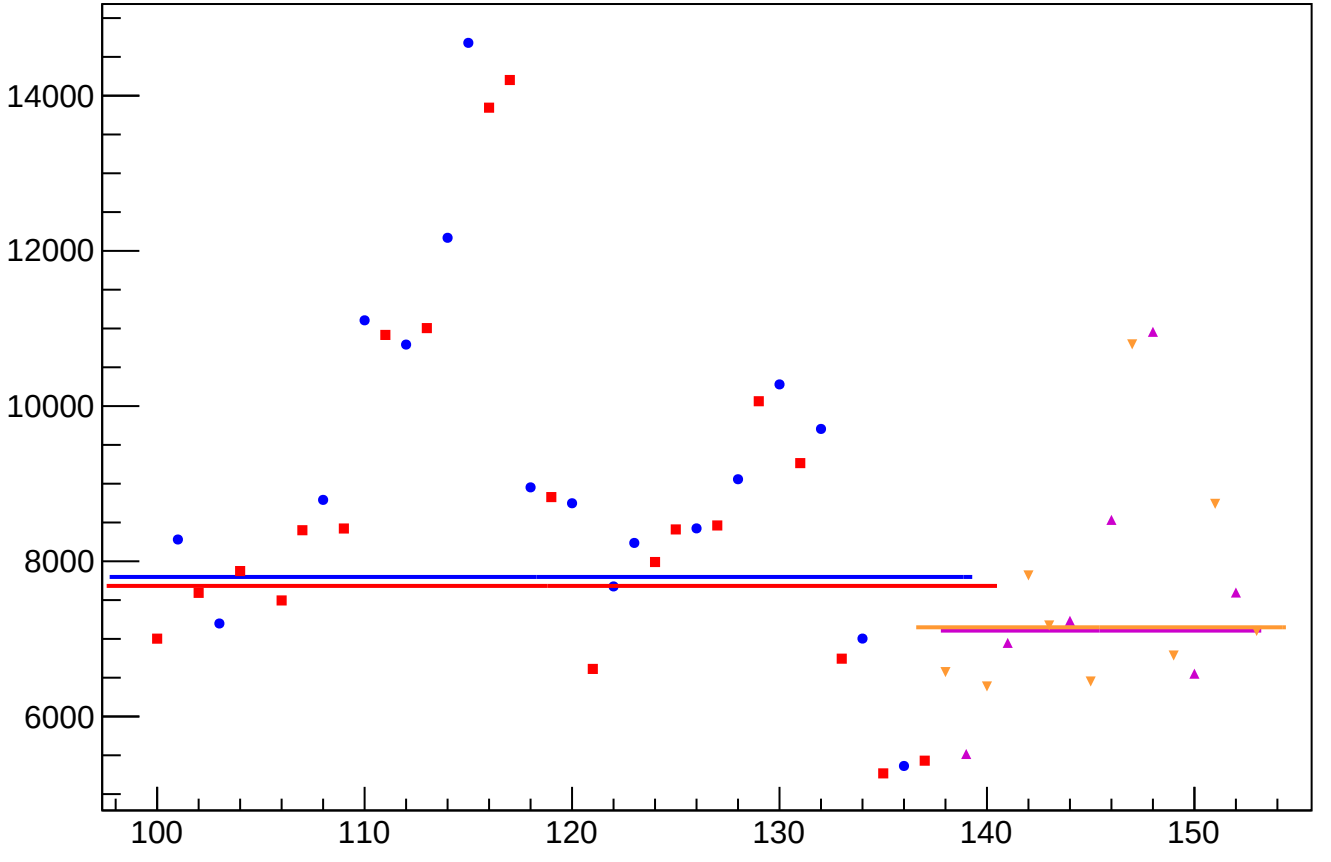
Right Out: 5.417+/-2.956 χ^2/NDF: 24.9/19

Left In: 5.444+/-3.051 χ^2/NDF:13.7/6

1.520+/-2.092 χ^2/NDF: 22.3/25

5.430+/-2.123 χ^2/NDF: 38.6/26

diff_bpm4acY_rms vs Slug



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

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

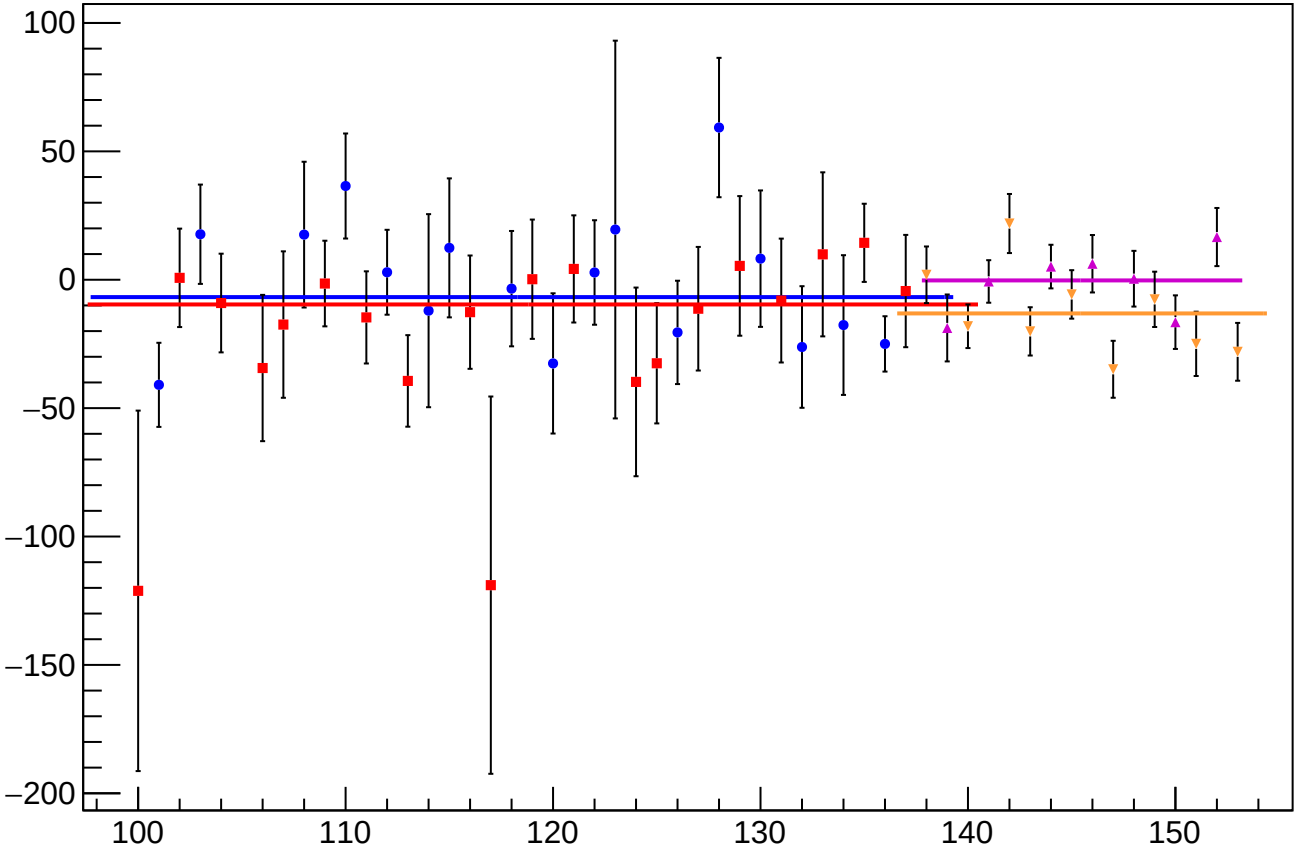
Right Out: 7682.786+/-2.090 χ^2/NDF: 690901.2/19

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

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

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

diff_bpm4ecX_mean vs Slug



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

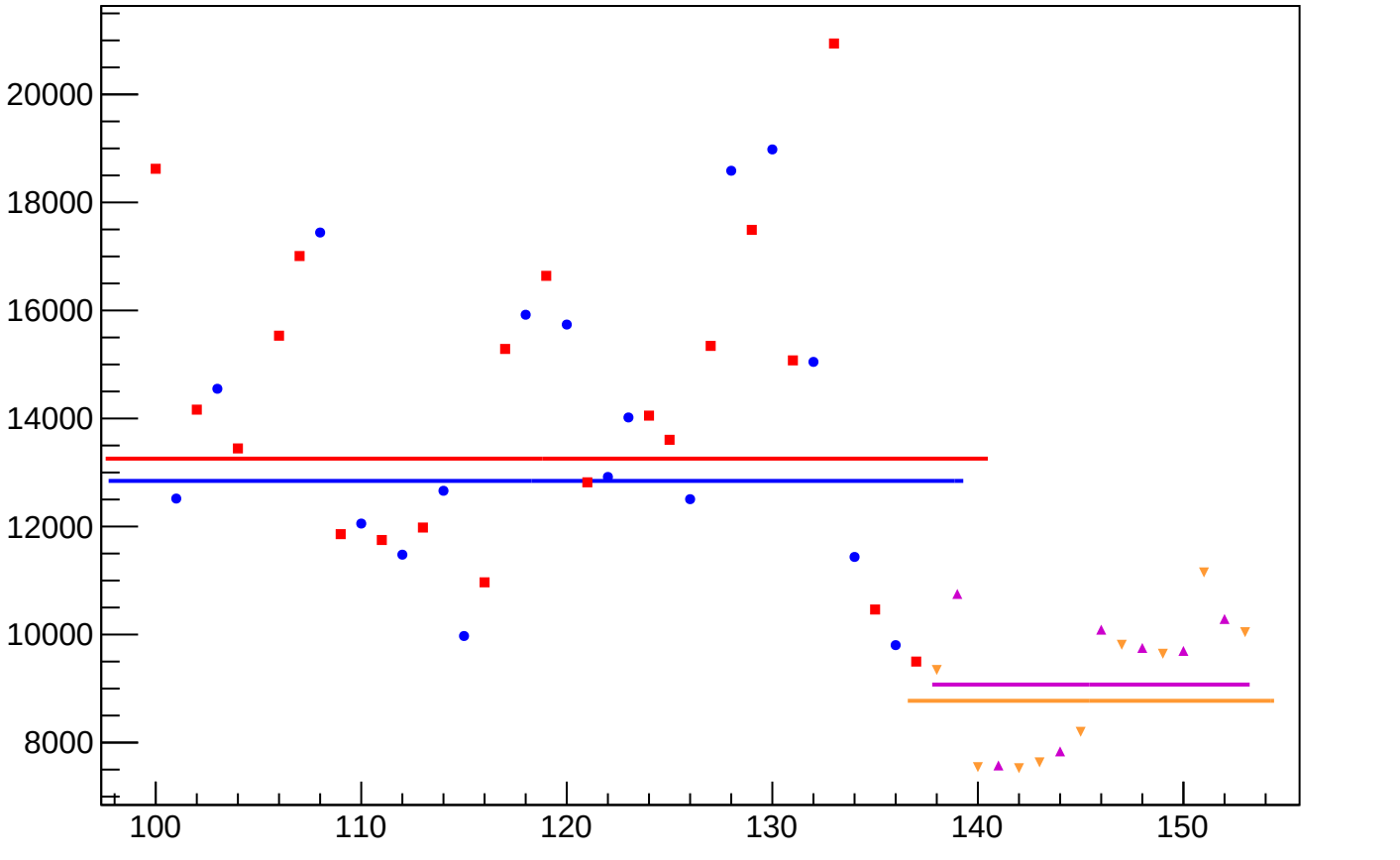
Left Out: -13.118+/-3.467 χ^2/NDF:19.4/8

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

Left In: -0.262+/-3.841 χ^2/NDF:7.4/6

-11.100+/-2.865 χ^2/NDF: 44.2/25

-3.685+/-3.059 χ^2/NDF: 24.1/26



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

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

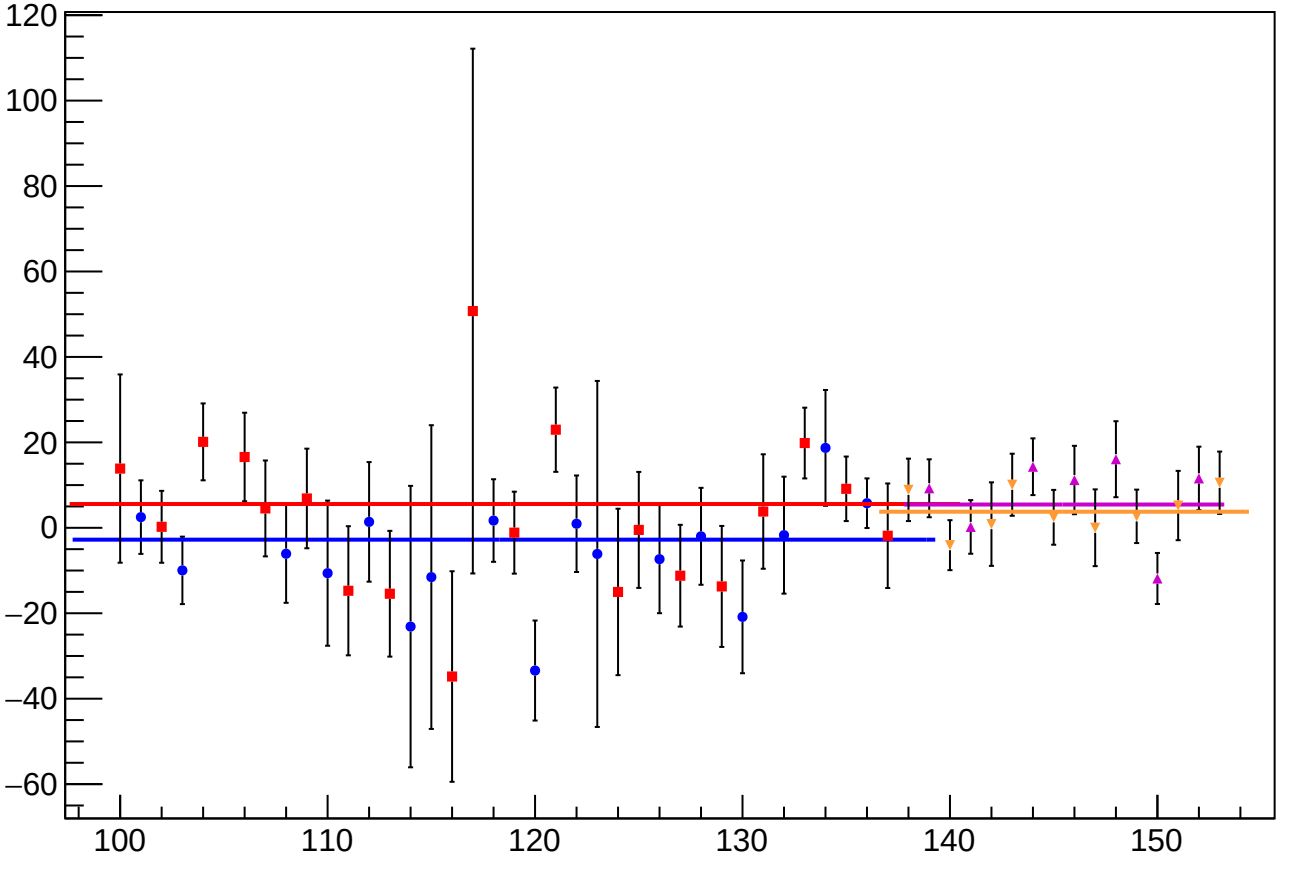
Right Out: 13256.926+/-3.577 χ^2/NDF: 487016.8/19

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

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

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

diff_bpm4ecY_mean vs Slug



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

Left Out: 3.767+/-2.400 χ^2/NDF:4.3/8

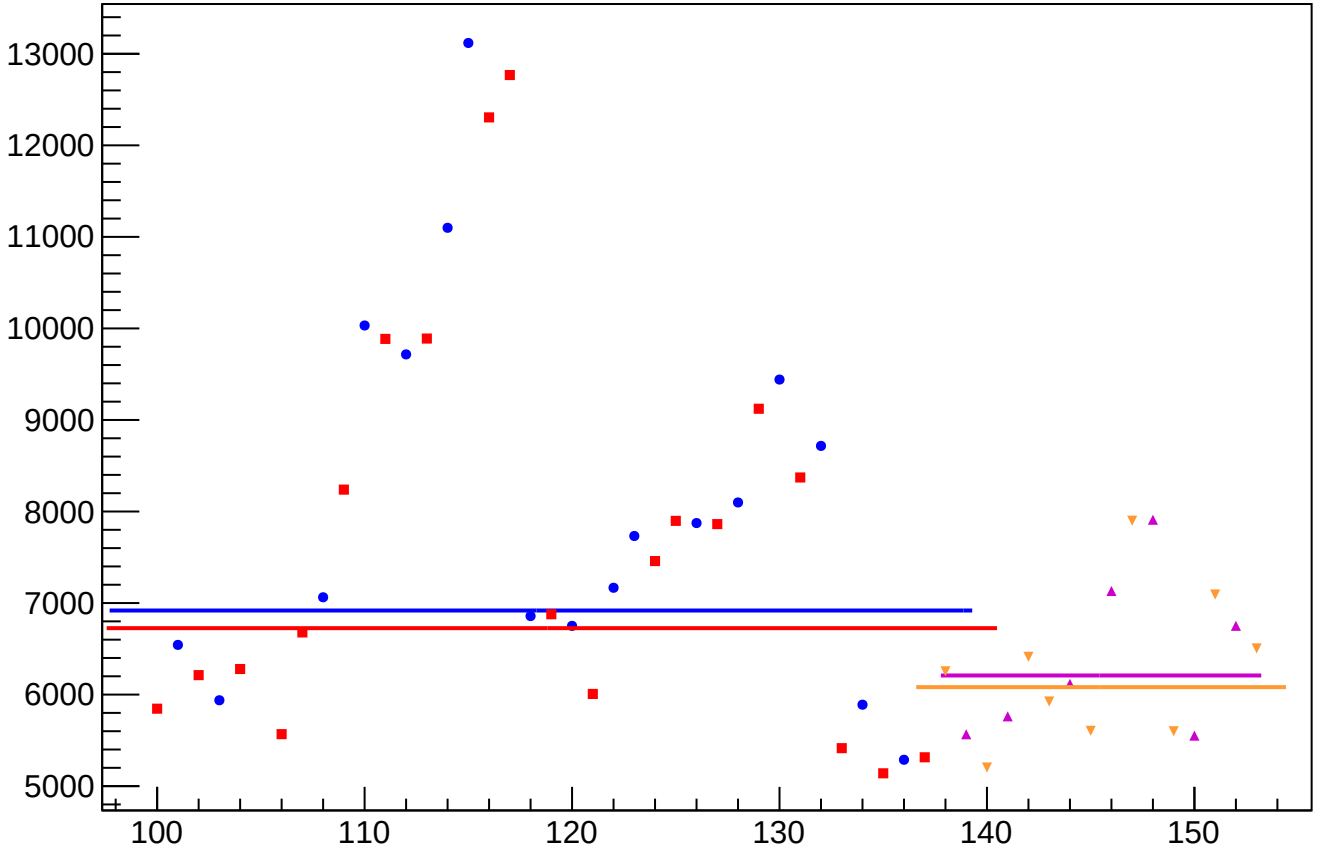
Right Out: 5.571+/-2.585 χ^2/NDF: 23.7/19

Left In: 5.451+/-2.633 χ^2/NDF:13.8/6

0.918+/-1.803 χ^2/NDF: 23.4/25

5.512+/-1.845 χ^2/NDF: 37.5/26

diff_bpm4ecY_rms vs Slug



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

Left Out: 6081.587+/-1.697 χ^2/NDF:192069.2/8

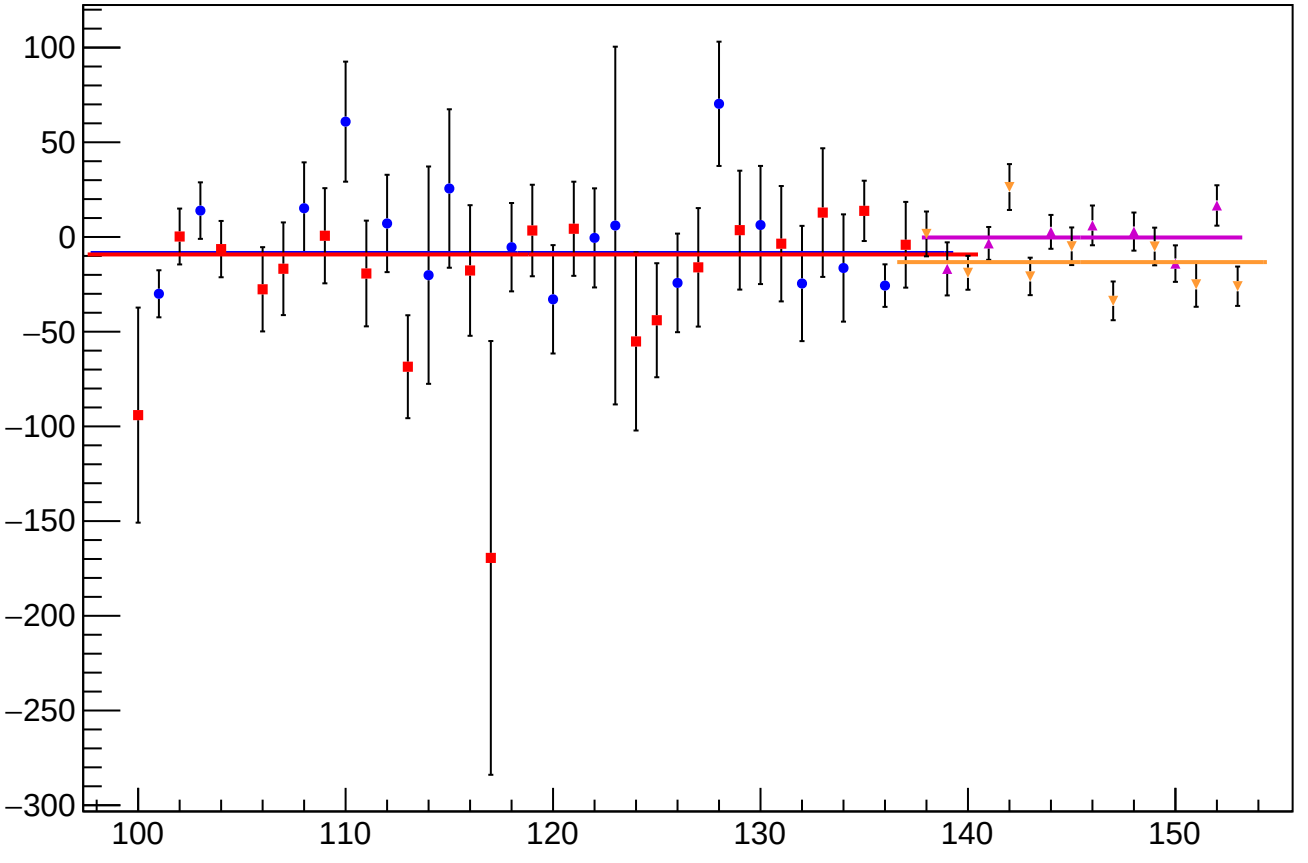
Right Out: 6725.745+/-1.828 χ^2/NDF: 675399.9/19

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

6446.177+/-1.275 χ^2/NDF: 885049.2/25

6472.058+/-1.304 χ^2/NDF: 877691.7/26

diff_bpm1X_mean vs Slug



Right In: -8.448+/-5.393 χ^2/NDF: 22.0/16

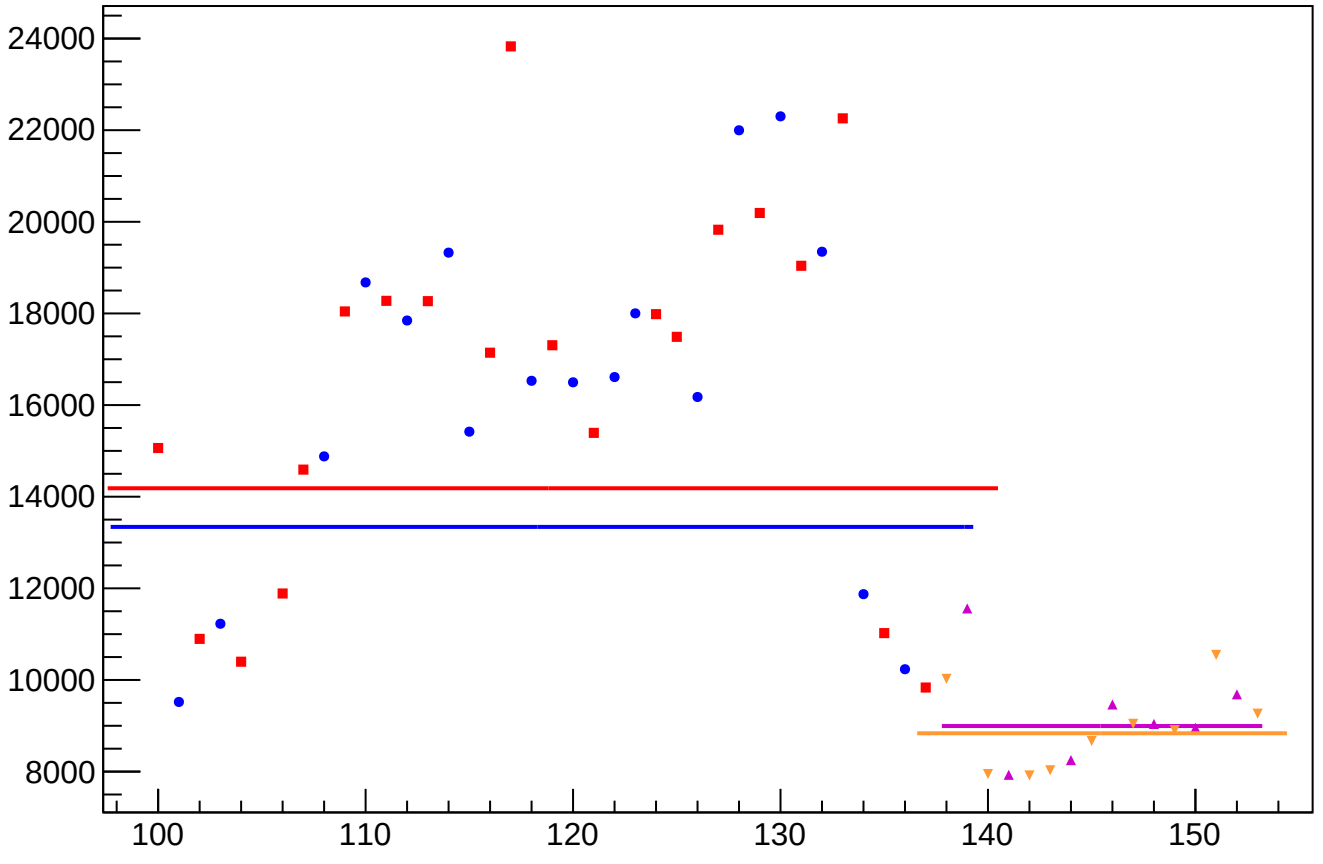
Left Out: -13.264+/-3.474 χ^2/NDF:21.2/8

Right Out: -9.224+/-5.502 χ^2/NDF: 16.2/19

Left In: -0.263+/-3.796 χ^2/NDF:6.7/6

-11.852+/-2.920 χ^2/NDF: 43.7/25

-3.153+/-3.124 χ^2/NDF: 24.7/26



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

Left Out: 8836.180+/-2.456 χ^2/NDF:111396.9/8

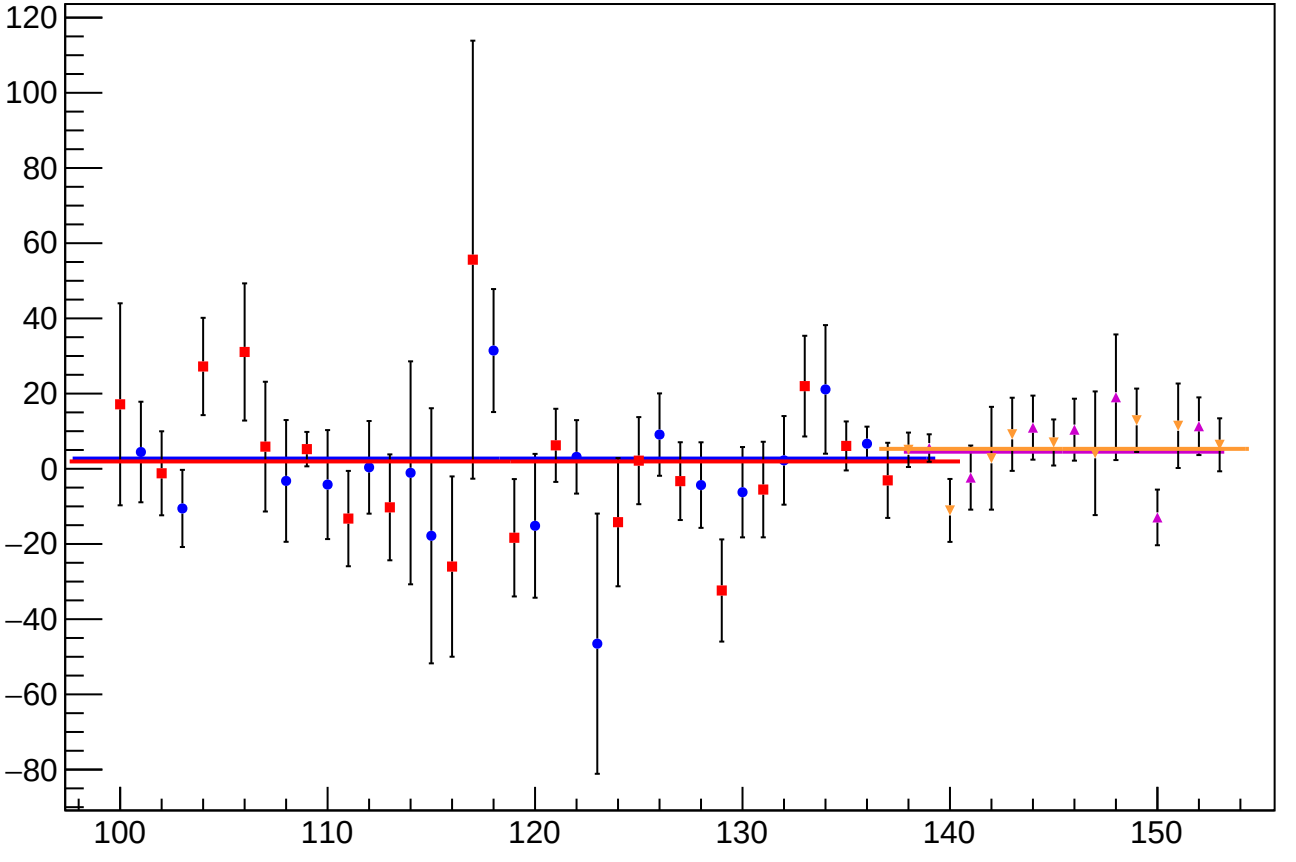
Right Out: 14184.146+/-3.891 χ^2/NDF: 946010.4/19

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

10157.084+/-2.065 χ^2/NDF: 2142265.4/25

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

diff_bpm1Y_mean vs Slug



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

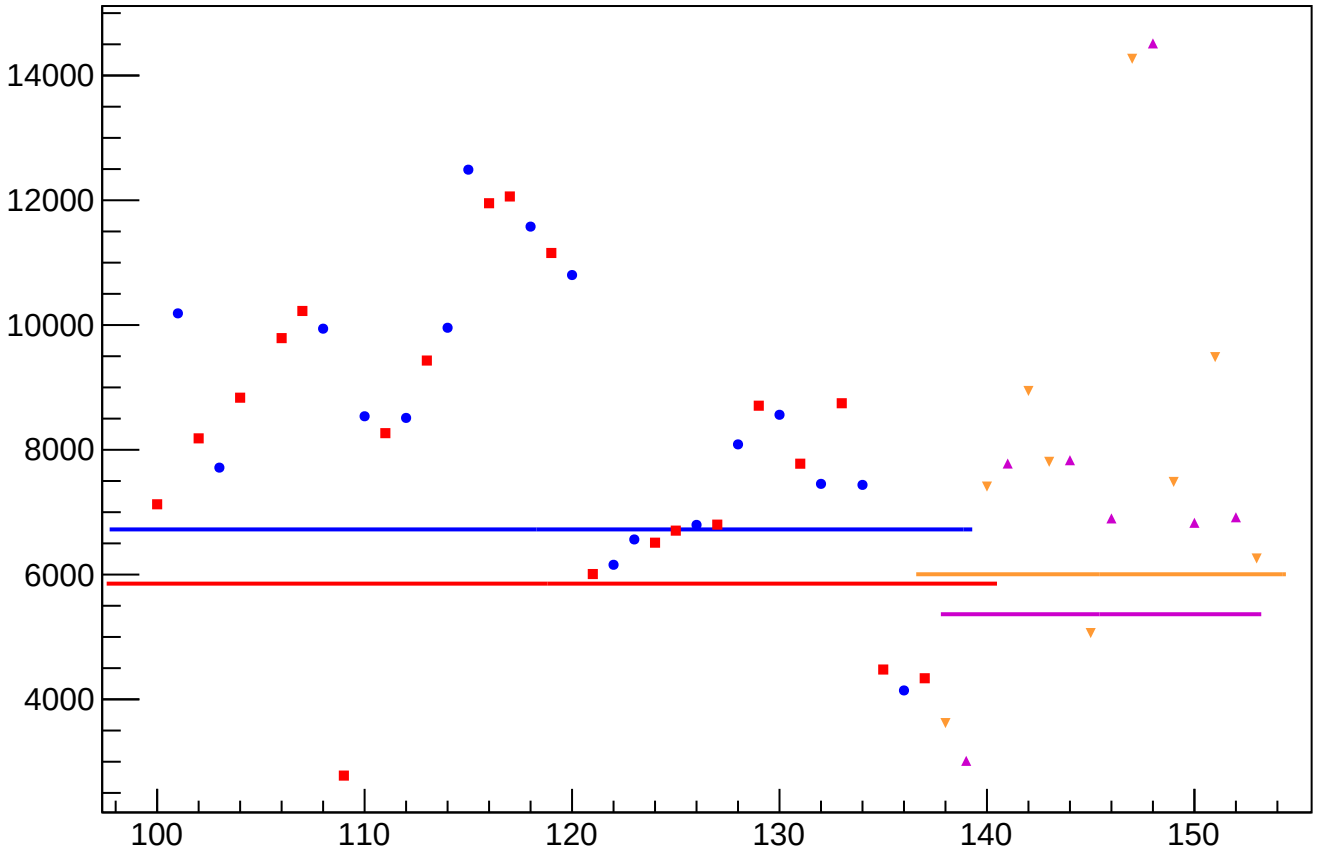
Left Out: 5.301+/-2.579 χ^2/NDF:5.2/8

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

Left In: 4.548+/-2.532 χ^2/NDF:8.9/6

4.092+/-1.882 χ^2/NDF: 17.4/25

3.202+/-1.756 χ^2/NDF: 33.8/26



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

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

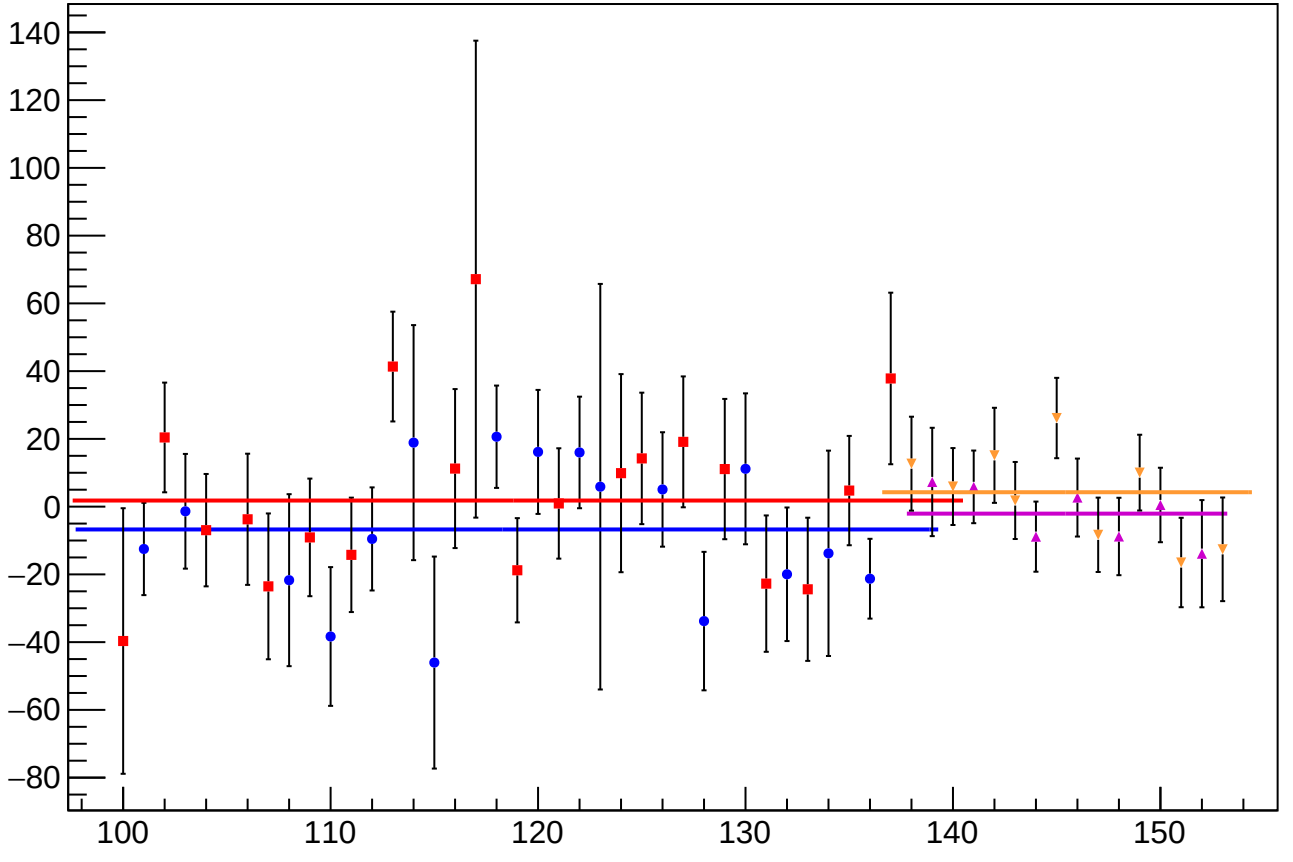
Right Out: 5854.708+/-1.723 χ^2/NDF: 2299964.9/19

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

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

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

diff_bpm11X_mean vs Slug



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

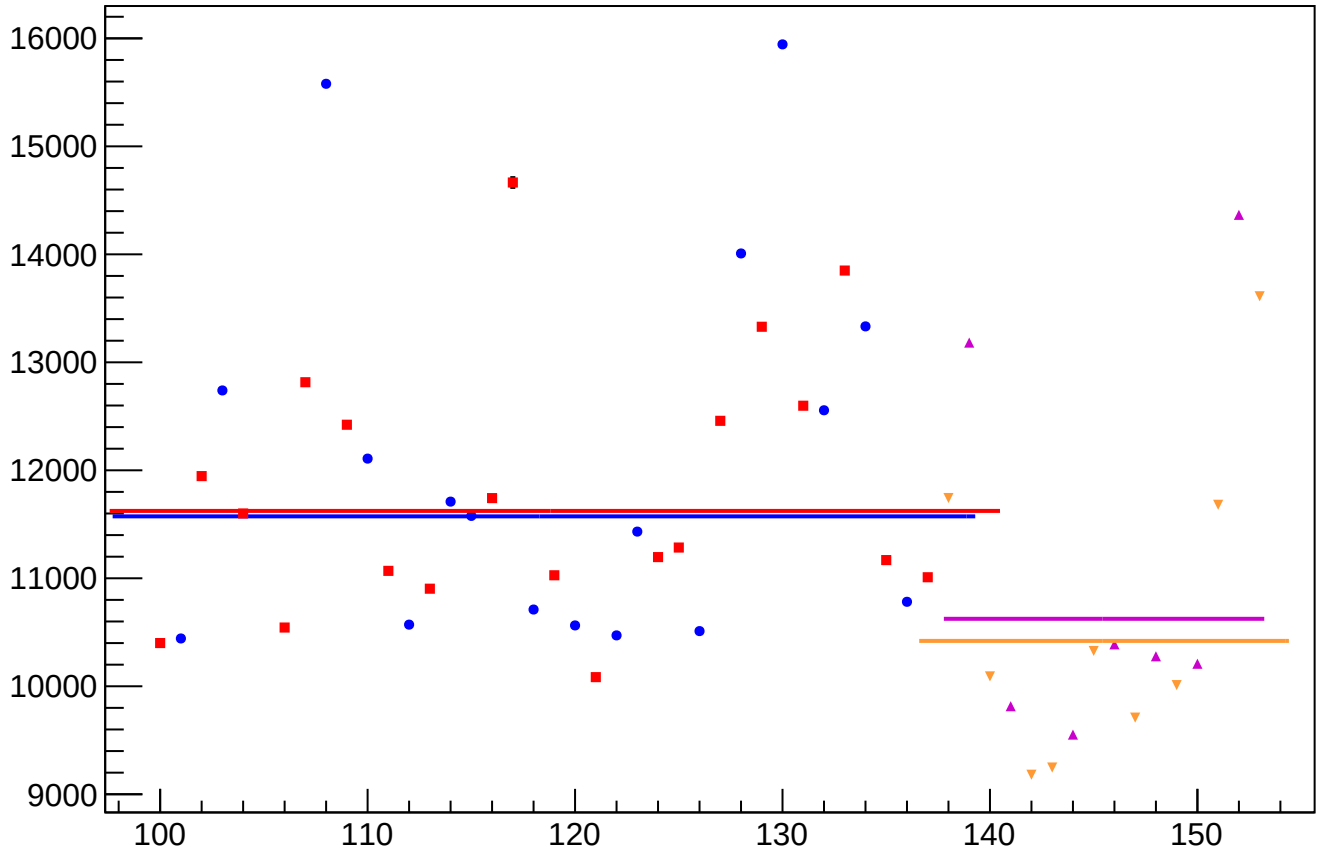
Left Out: 4.254+/-4.110 χ^2/NDF:9.7/8

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

Left In: -2.066+/-4.498 χ^2/NDF:2.4/6

-0.729+/-3.039 χ^2/NDF: 29.8/25

-0.074+/-3.132 χ^2/NDF: 23.7/26



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

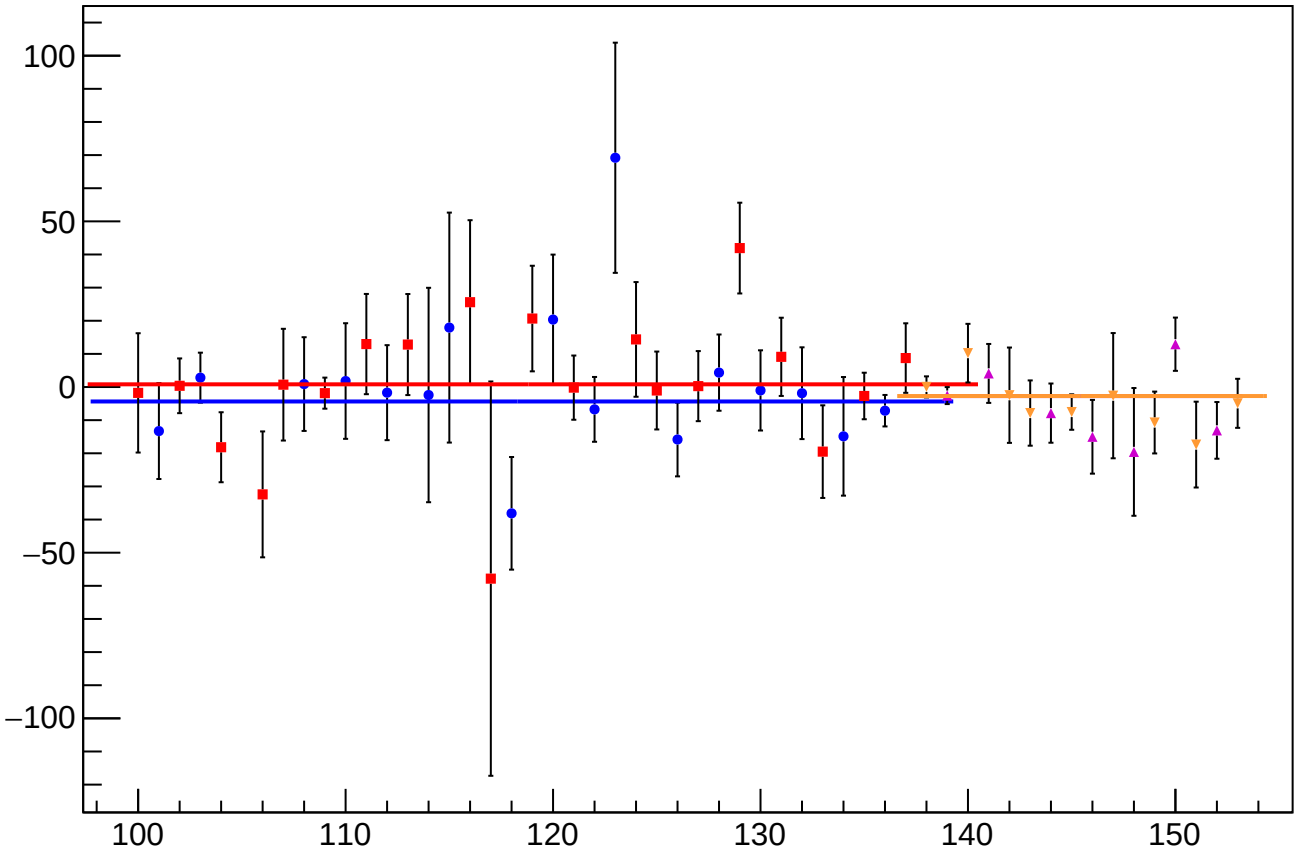
Left Out: 10420.204+/-2.906 χ^2/NDF:173189.4/8

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

Left In: 10624.796+/-3.181 χ^2/NDF:201322.4/6

10943.106+/-2.149 χ^2/NDF: 483317.7/25

11139.509+/-2.215 χ^2/NDF: 350210.2/26



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

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

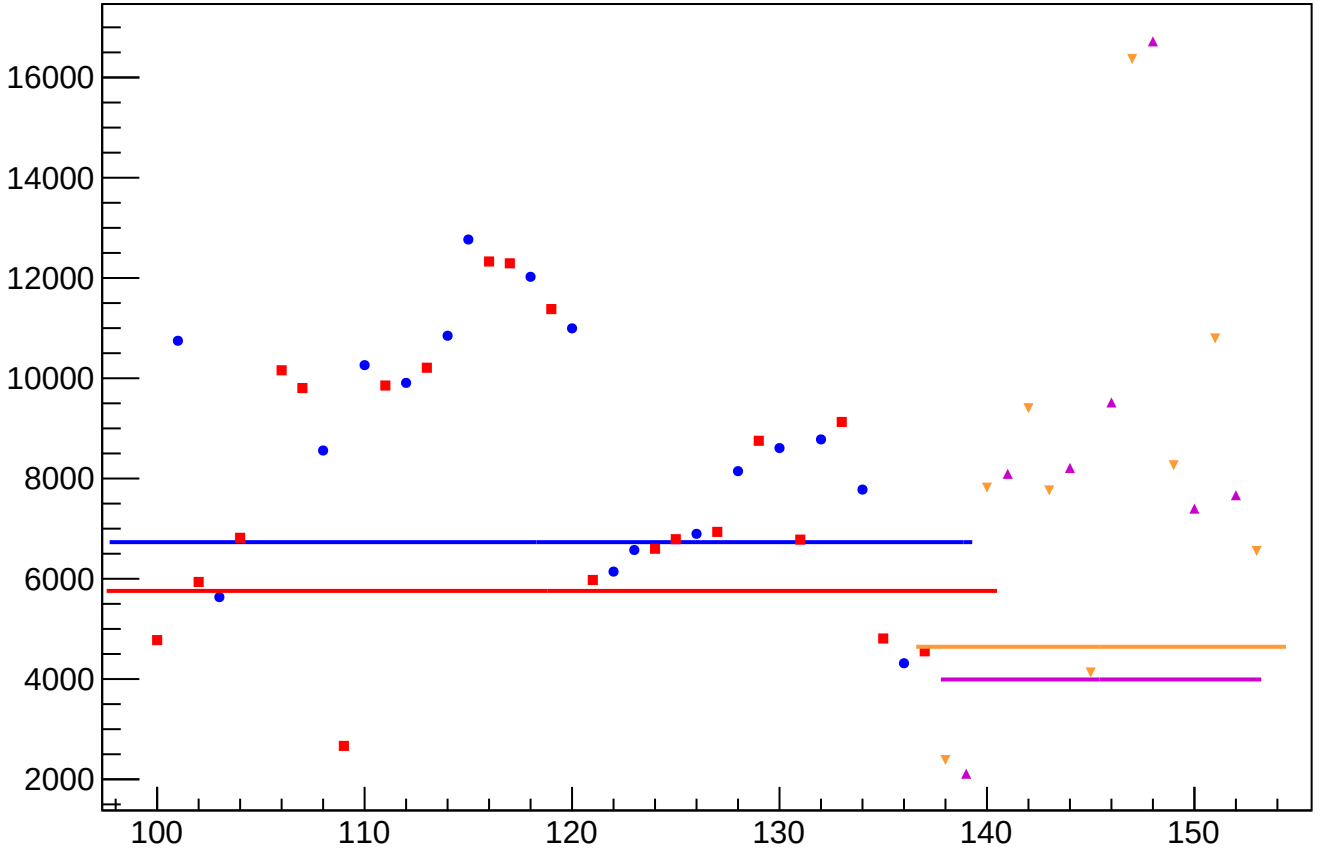
Right Out: 0.816+/-2.424 χ^2/NDF: 24.5/19

Left In: -2.729+/-2.144 χ^2/NDF:8.2/6

-3.365+/-1.741 χ^2/NDF: 20.8/25

-1.173+/-1.606 χ^2/NDF: 33.9/26

diff_bpm11Y_rms vs Slug



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

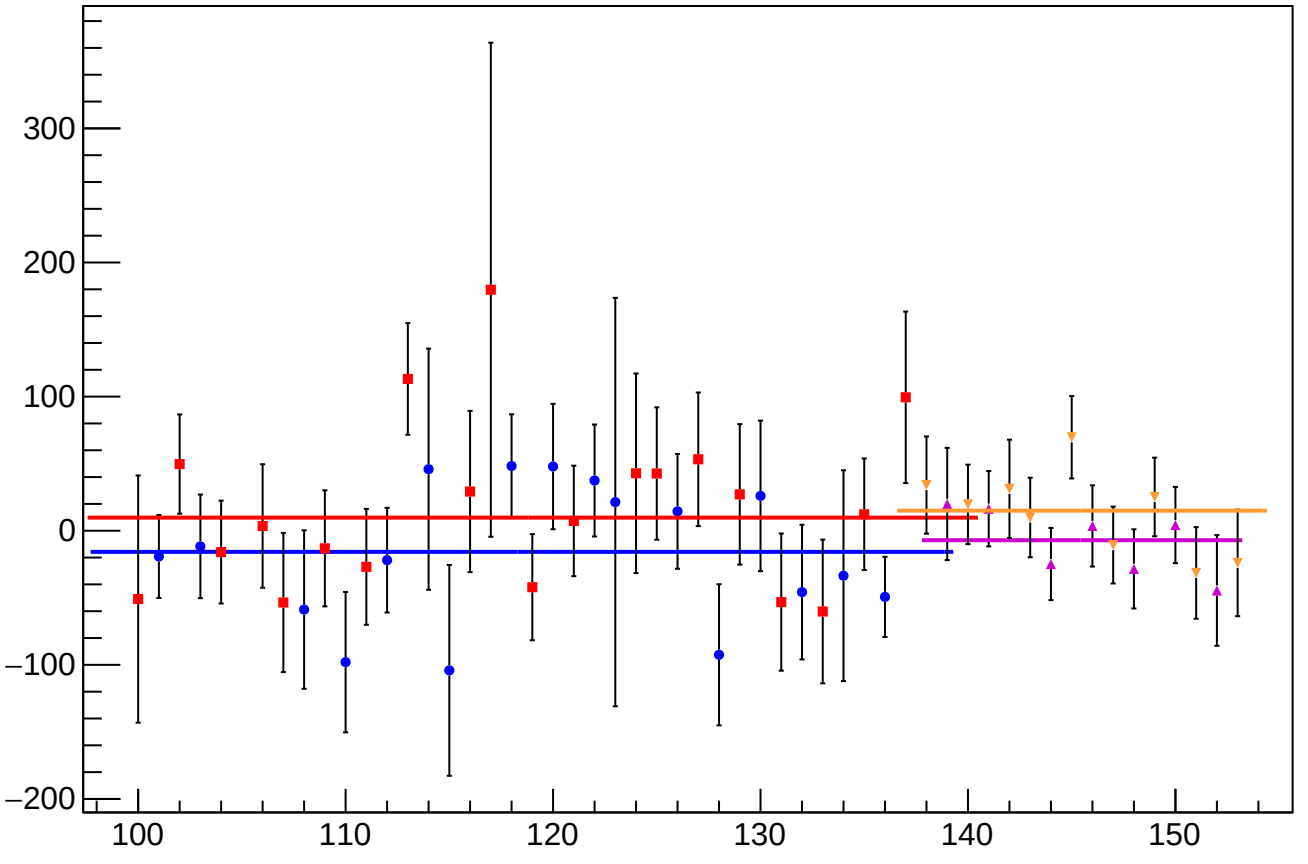
Left Out: 4643.993+/-1.580 χ^2/NDF:3361214.0/8

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

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

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

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



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

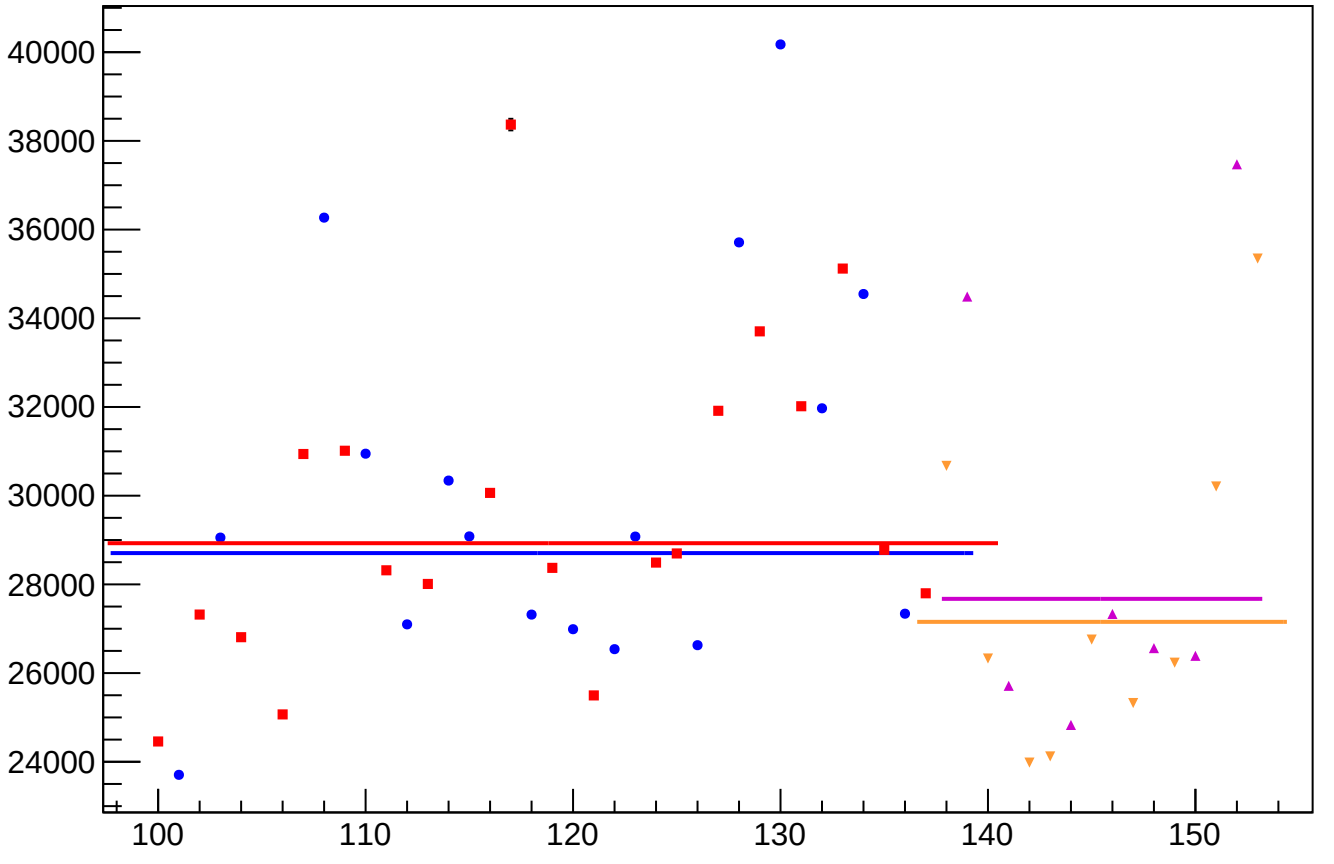
Left Out: 14.995+/-10.712 χ^2/NDF:7.4/8

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

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

0.316+/-7.744 χ^2/NDF: 27.3/25

1.974+/-7.969 χ^2/NDF: 24.4/26



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

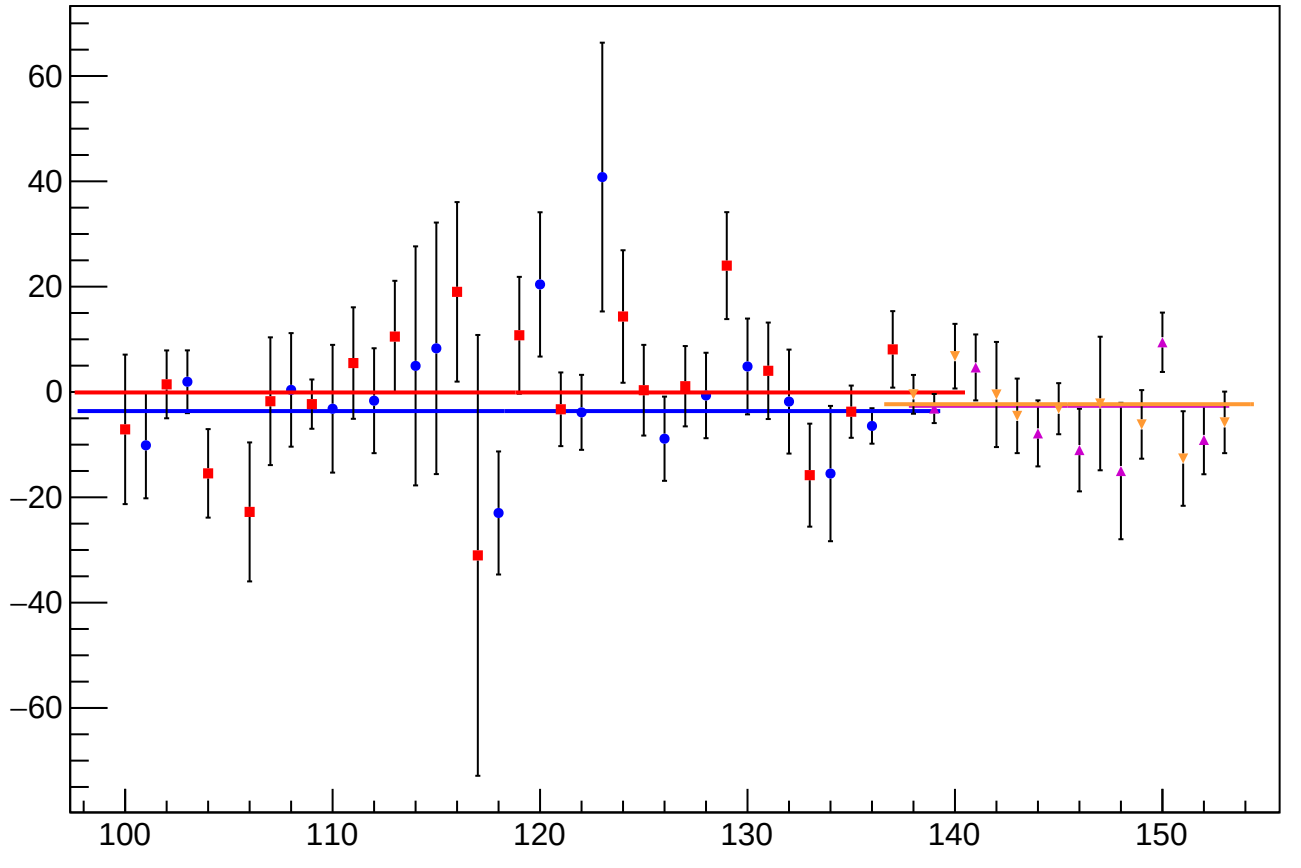
Left Out: 27155.250+/-7.575 χ^2/NDF:167771.2/8

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

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

27895.410+/-5.476 χ^2/NDF: 438762.6/25

28348.181+/-5.635 χ^2/NDF: 333851.2/26



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

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

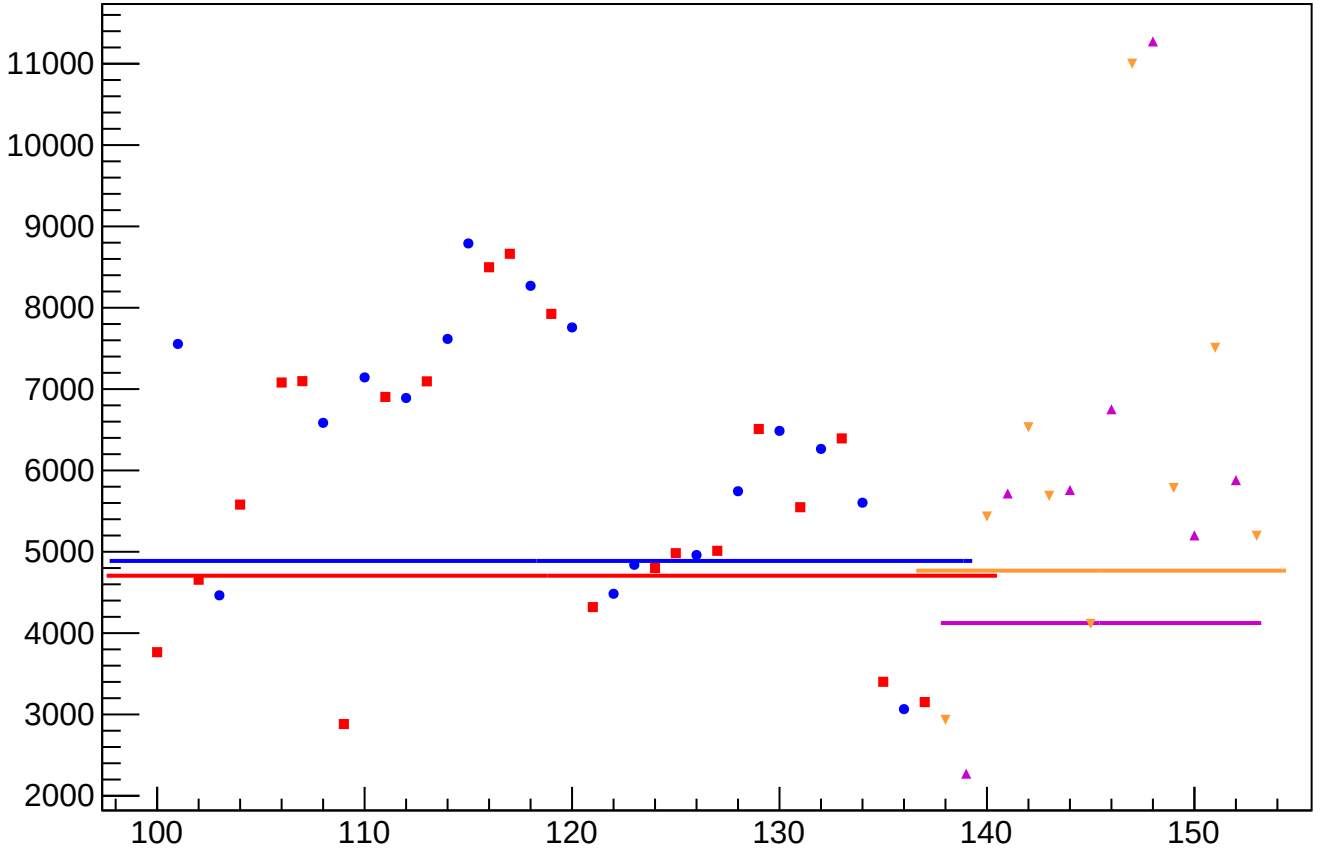
Right Out: -0.090+/-1.888 χ^2/NDF: 22.6/19

Left In: -2.620+/-1.964 χ^2/NDF:9.7/6

-2.979+/-1.425 χ^2/NDF: 18.6/25

-1.306+/-1.361 χ^2/NDF: 33.2/26

diff_bpm12Y_rms vs Slug



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

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

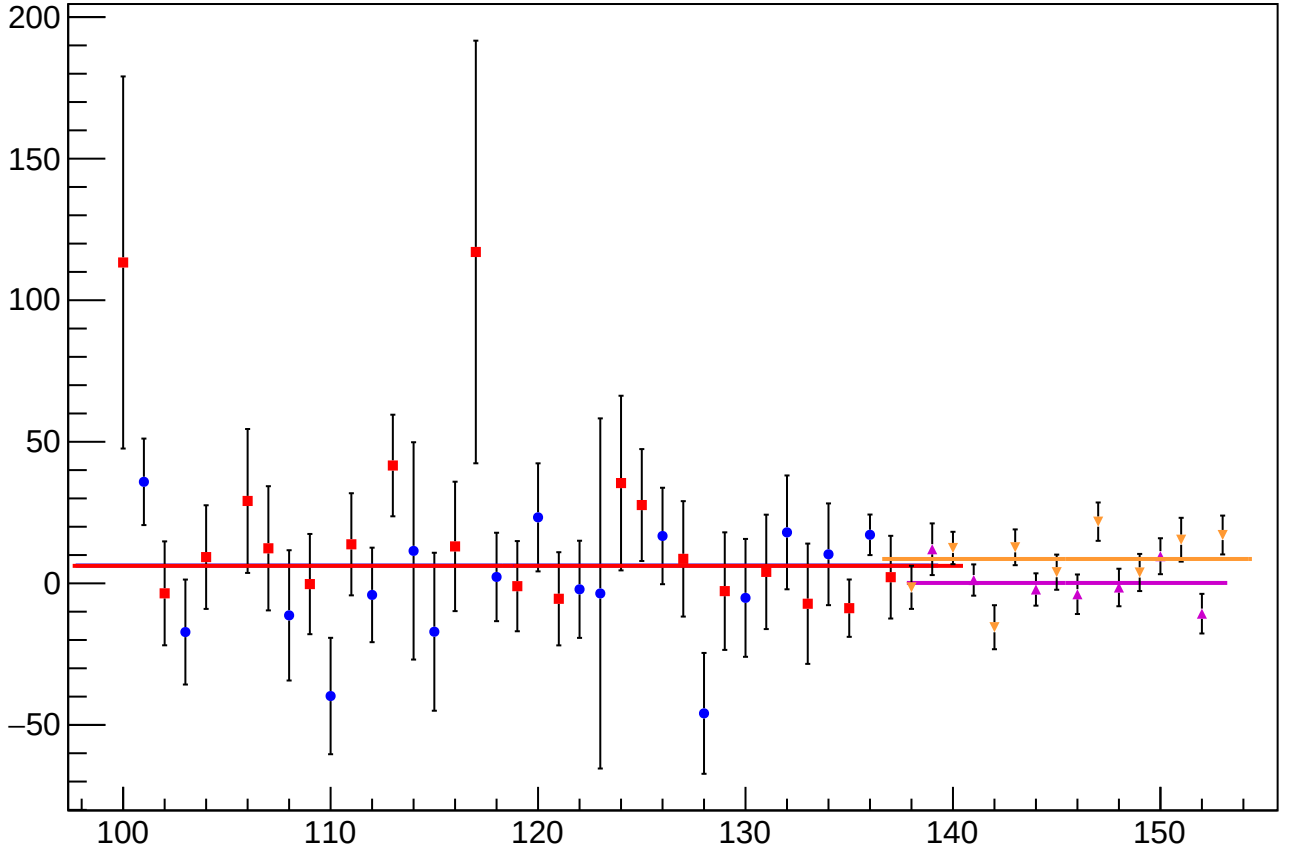
Right Out: 4705.797+/-1.335 χ^2/NDF: 1331043.3/19

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

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

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

diff_bpm16X_mean vs Slug



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

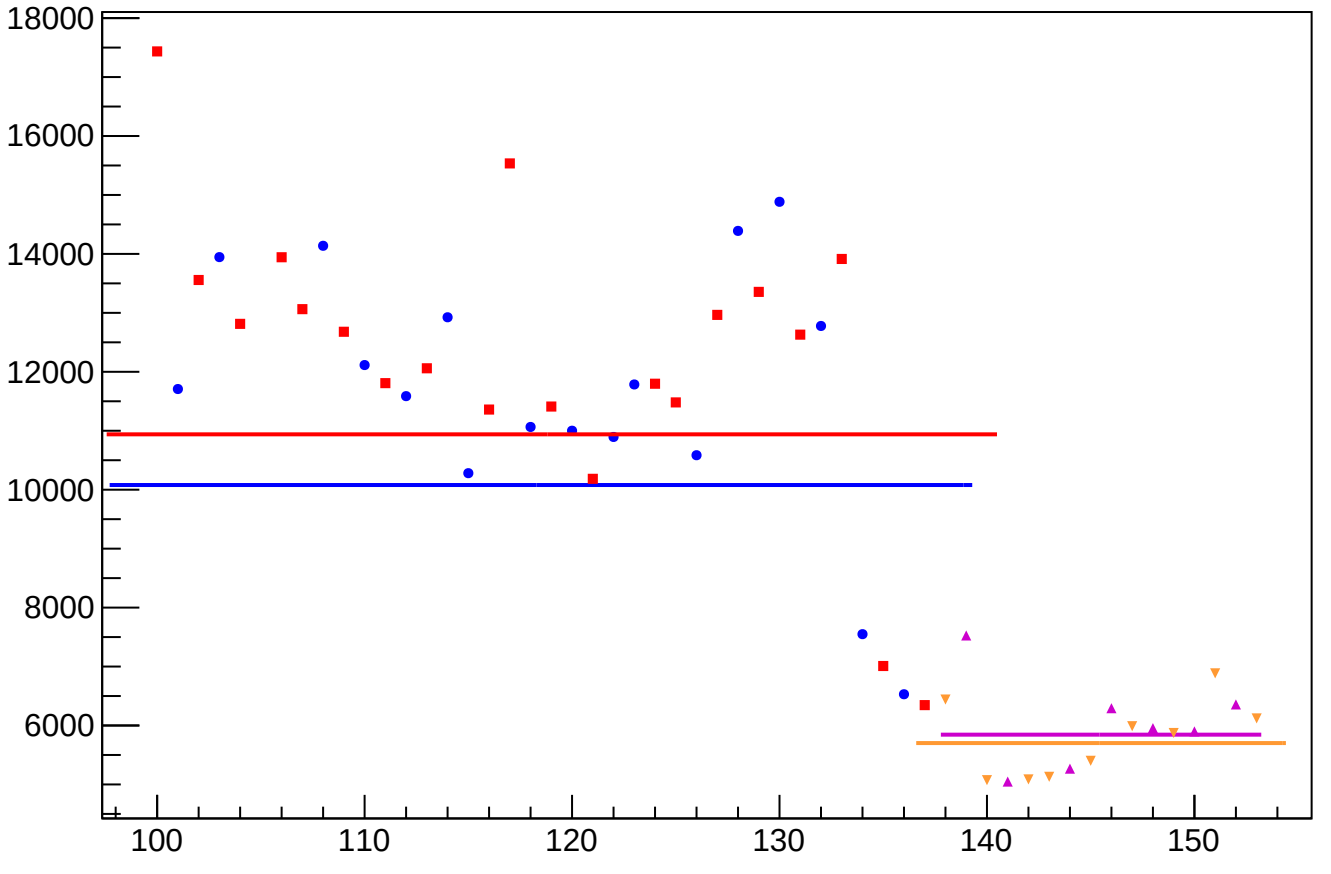
Left Out: 8.613+/-2.245 χ^2/NDF:19.4/8

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

Left In: 0.146+/-2.469 χ^2/NDF:6.9/6

8.069+/-1.965 χ^2/NDF: 42.2/25

1.690+/-2.130 χ^2/NDF: 24.4/26



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

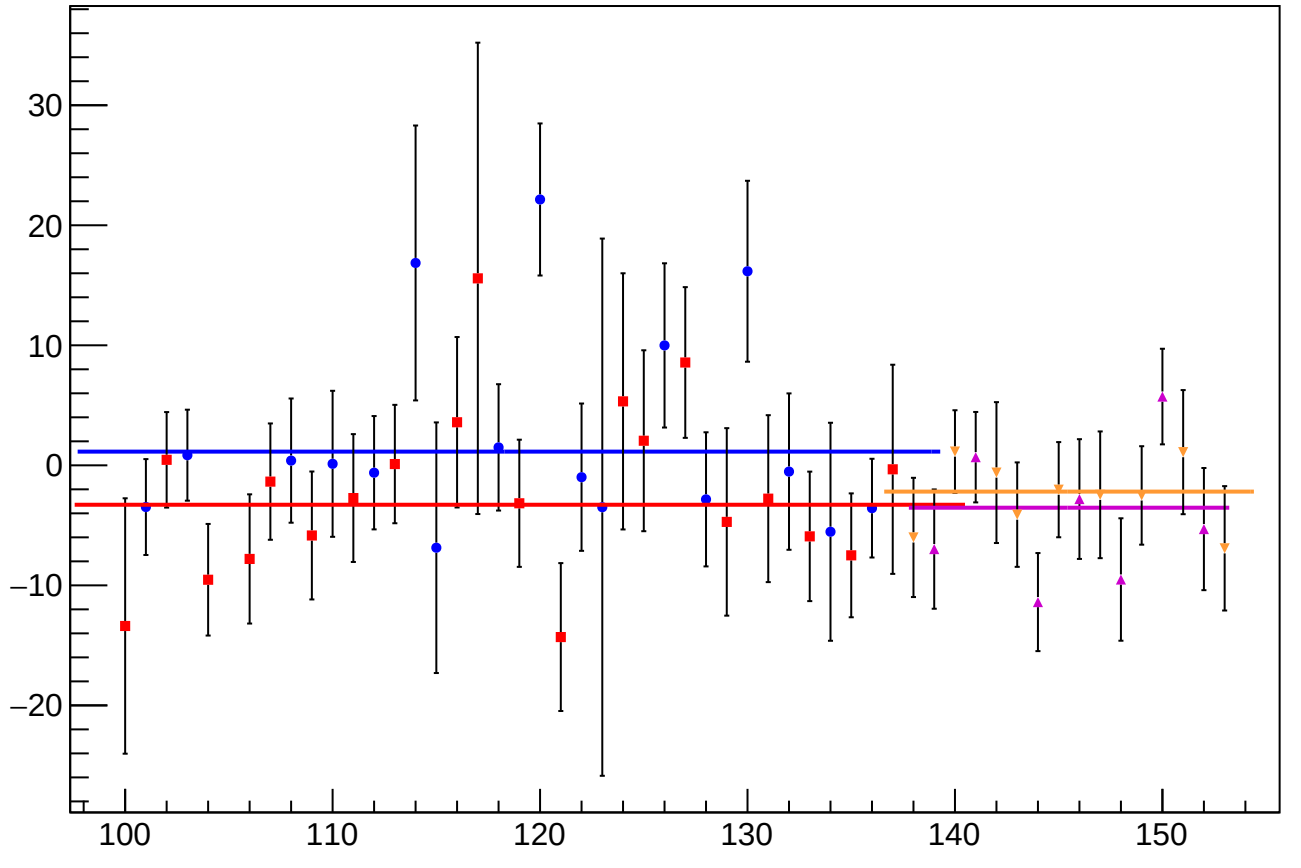
Left Out: 5701.951+/-1.587 χ^2/NDF:135864.8/8

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

Left In: 5844.493+/-1.746 χ^2/NDF:149681.7/6

6725.295+/-1.389 χ^2/NDF: 2908439.7/25

7147.323+/-1.506 χ^2/NDF: 3103235.0/26



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

Left Out: -2.188+/-1.507 χ^2/NDF:3.0/8

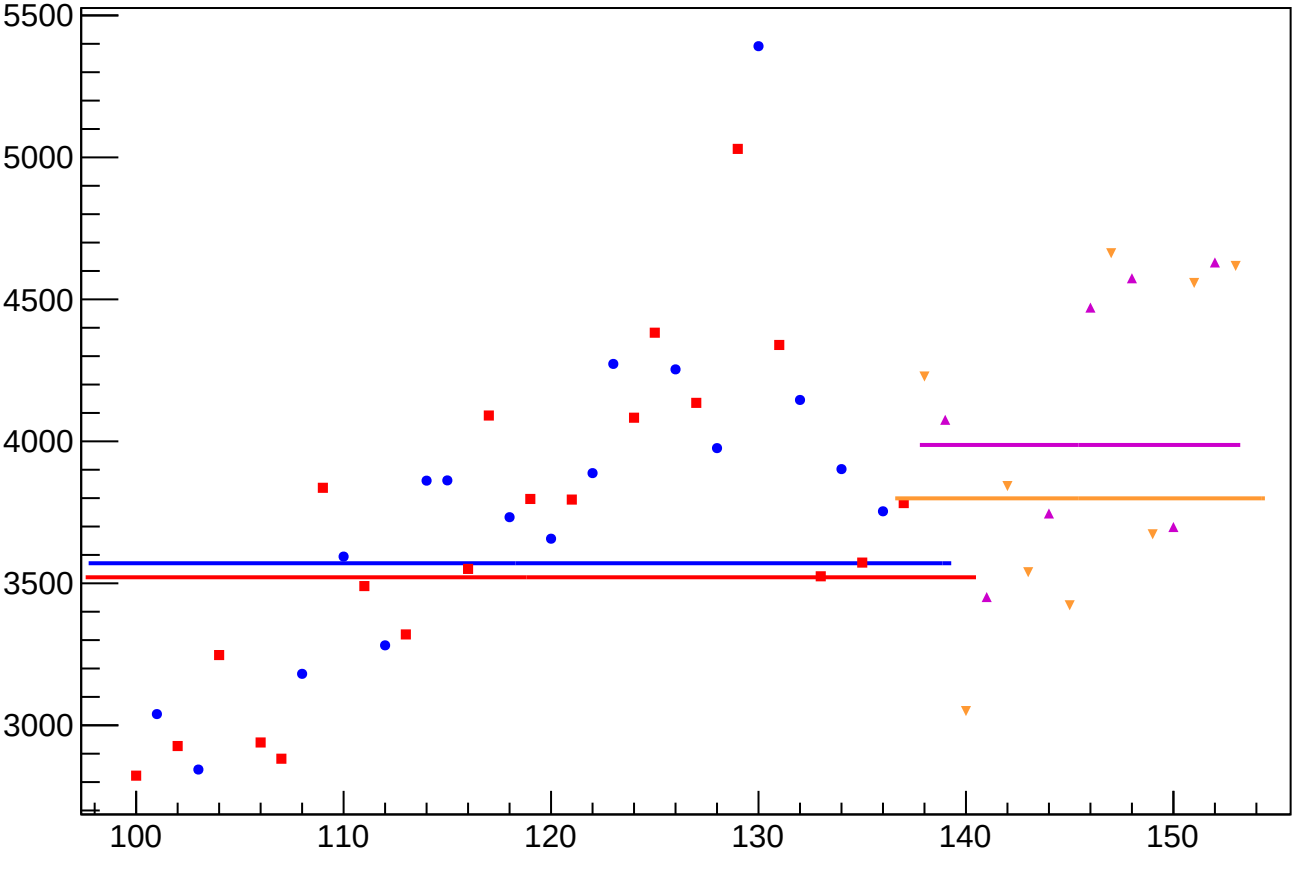
Right Out: -3.284+/-1.330 χ^2/NDF: 16.0/19

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

-0.395+/-1.024 χ^2/NDF: 28.9/25

-3.379+/-1.045 χ^2/NDF: 28.4/26

diff_bpm16Y_rms vs Slug



Right In: 3570.707+/-0.987 χ^2/NDF: 309568.0/16

Left Out: 3799.249+/-1.065 χ^2/NDF:283353.5/8

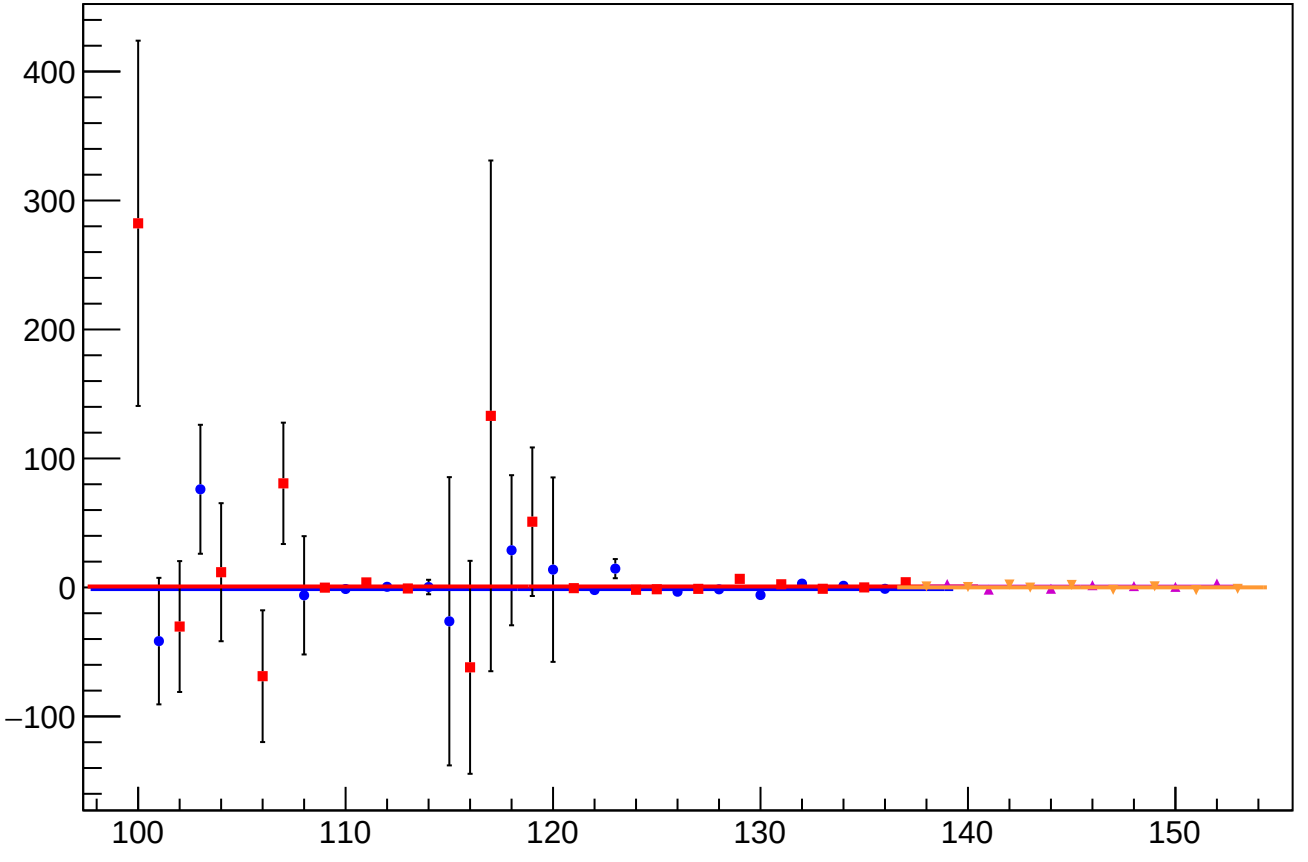
Right Out: 3521.247+/-0.941 χ^2/NDF: 294919.2/19

Left In: 3987.288+/-1.193 χ^2/NDF:135787.4/6

3676.202+/-0.724 χ^2/NDF: 617692.9/25

3699.833+/-0.739 χ^2/NDF: 524796.1/26

diff_bpm1p02bX_mean vs Slug



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

Left Out: 0.061+/-0.414 χ^2/NDF:11.3/8

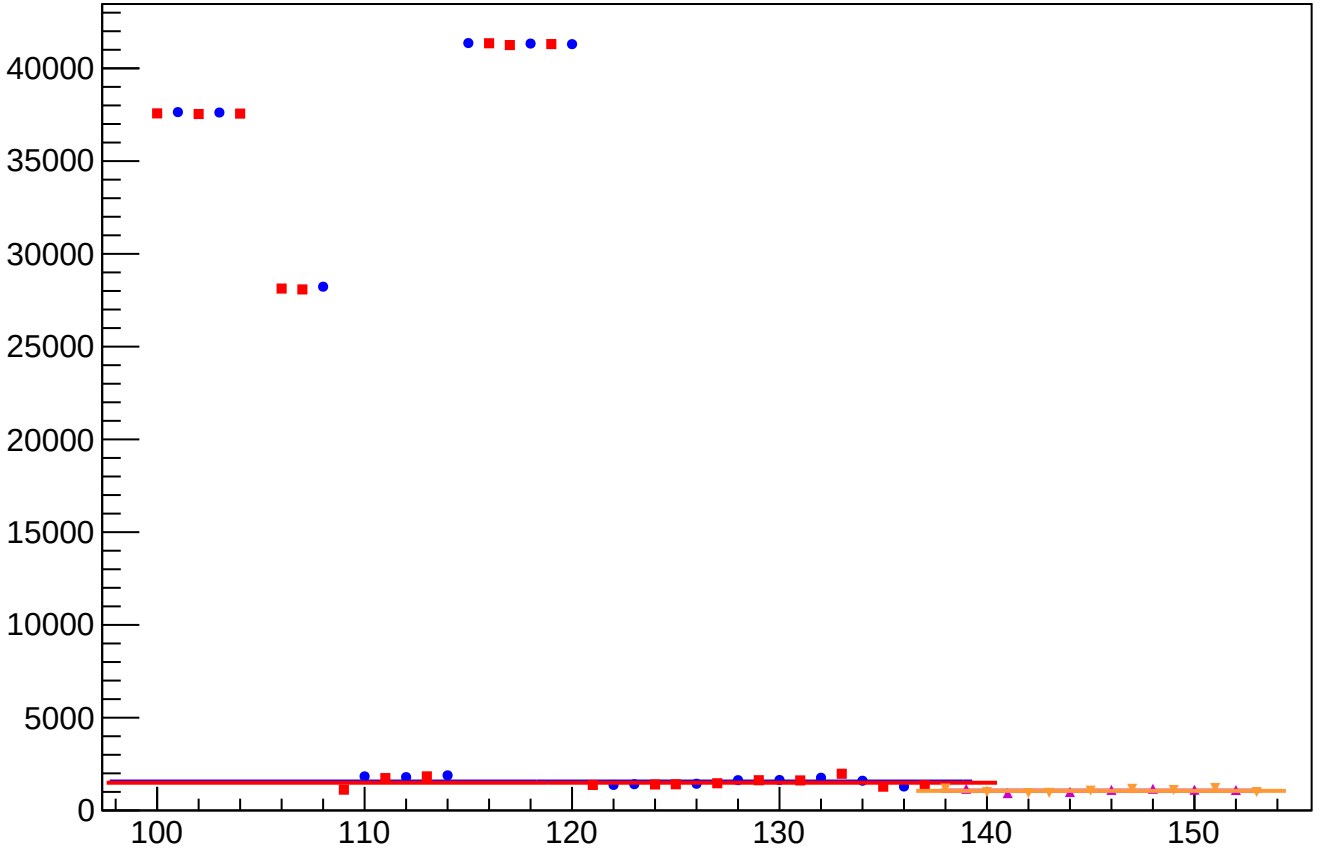
Right Out: 0.735+/-0.710 χ^2/NDF: 22.5/19

Left In: 0.608+/-0.451 χ^2/NDF:14.4/6

-0.249+/-0.362 χ^2/NDF: 30.0/25

0.644+/-0.381 χ^2/NDF: 36.9/26

diff_bpm1p02bX_rms vs Slug



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

Left Out: 1056.135+/-0.293 χ^2/NDF:105133.5/8

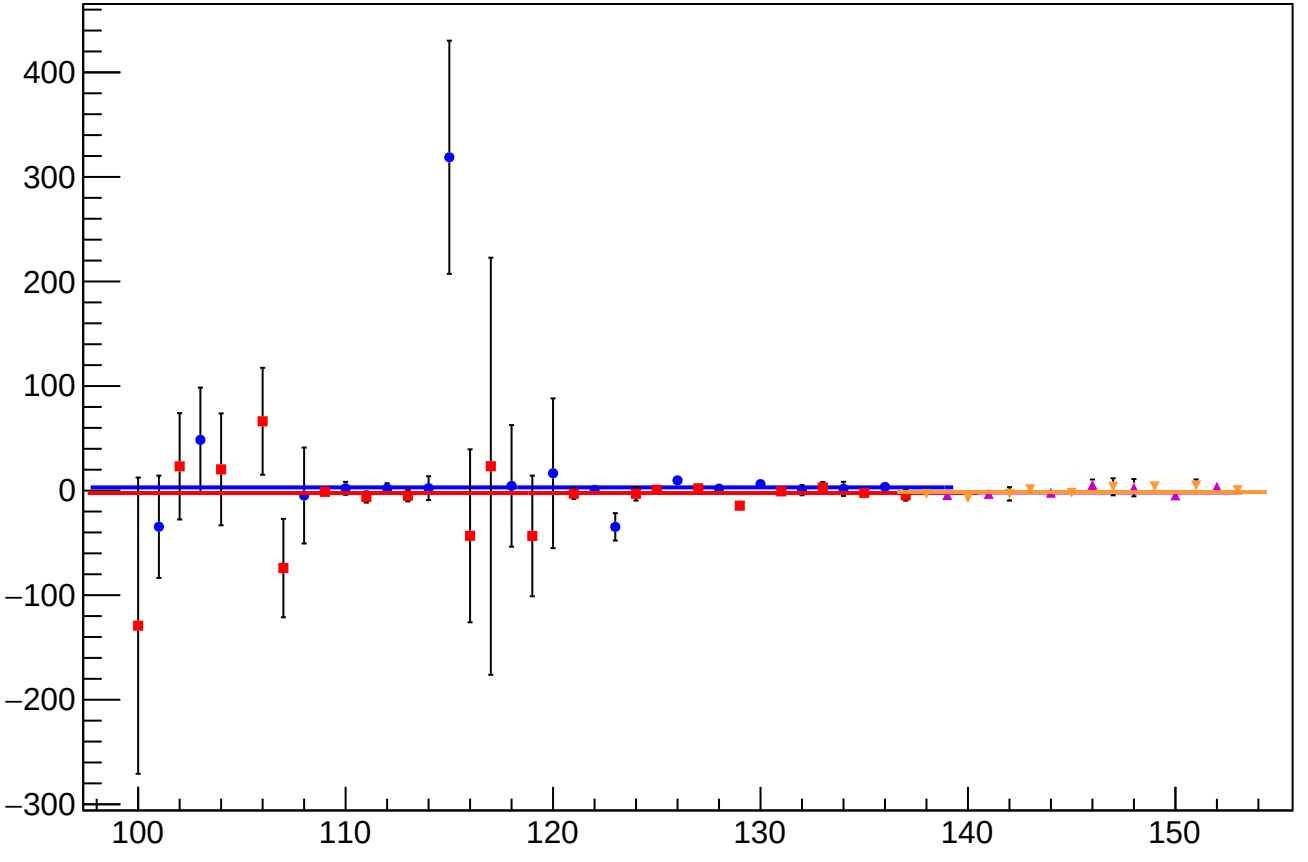
Right Out: 1495.131+/-0.502 χ^2/NDF: 4973587.9/19

Left In: 1069.006+/-0.319 χ^2/NDF:72789.4/6

1174.259+/-0.256 χ^2/NDF: 5550613.1/25

1191.355+/-0.269 χ^2/NDF: 5559536.0/26

diff_bpm1p02bY_mean vs Slug



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

Left Out: -1.379+/-1.316 χ^2/NDF:6.4/8

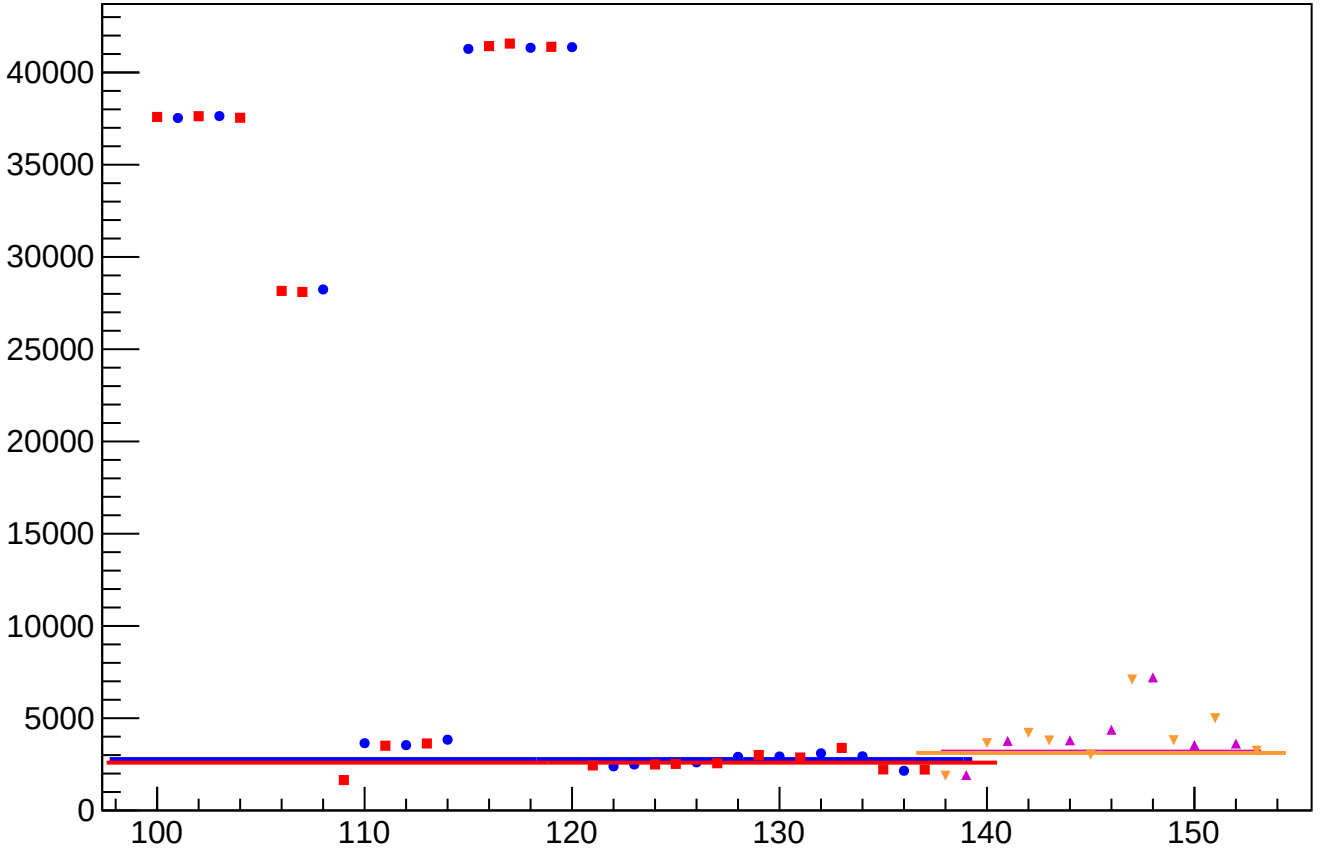
Right Out: -2.305+/-1.235 χ^2/NDF: 16.9/19

Left In: -1.816+/-1.445 χ^2/NDF:5.9/6

0.836+/-0.933 χ^2/NDF: 33.9/25

-2.099+/-0.939 χ^2/NDF: 22.9/26

diff_bpm1p02bY_rms vs Slug



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

Left Out: 3117.643+/-0.930 χ^2/NDF:1464368.6/8

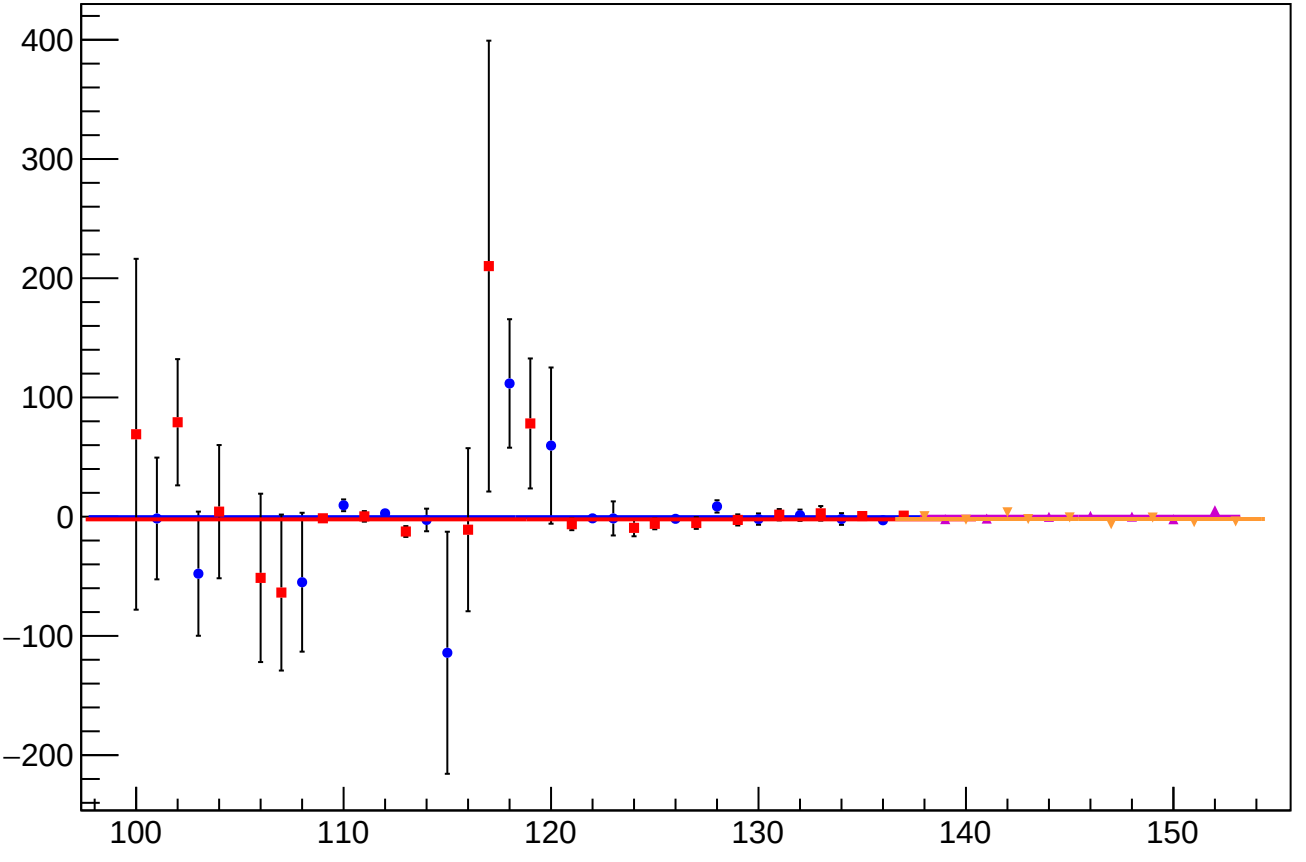
Right Out: 2592.654+/-0.873 χ^2/NDF: 4923077.9/19

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

2951.742+/-0.660 χ^2/NDF: 6105727.1/25

2843.972+/-0.664 χ^2/NDF: 6400445.4/26

diff_bpm1p03aX_mean vs Slug



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

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

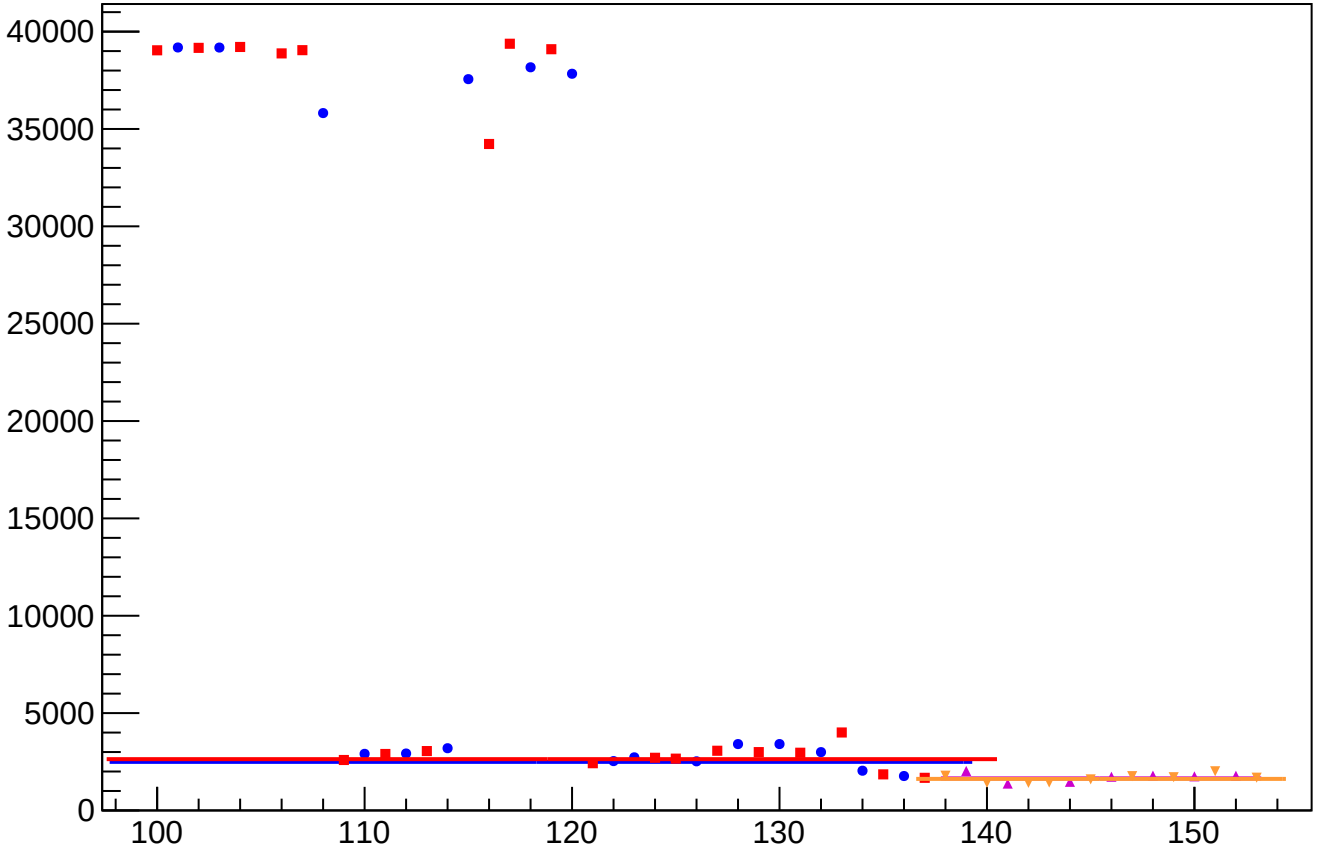
Right Out: -2.235+/-1.246 χ^2/NDF: 18.7/19

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

-1.612+/-0.565 χ^2/NDF: 36.0/25

-0.555+/-0.609 χ^2/NDF: 31.9/26

diff_bpm1p03aX_rms vs Slug



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

Left Out: 1621.110+/-0.451 χ^2/NDF:160912.1/8

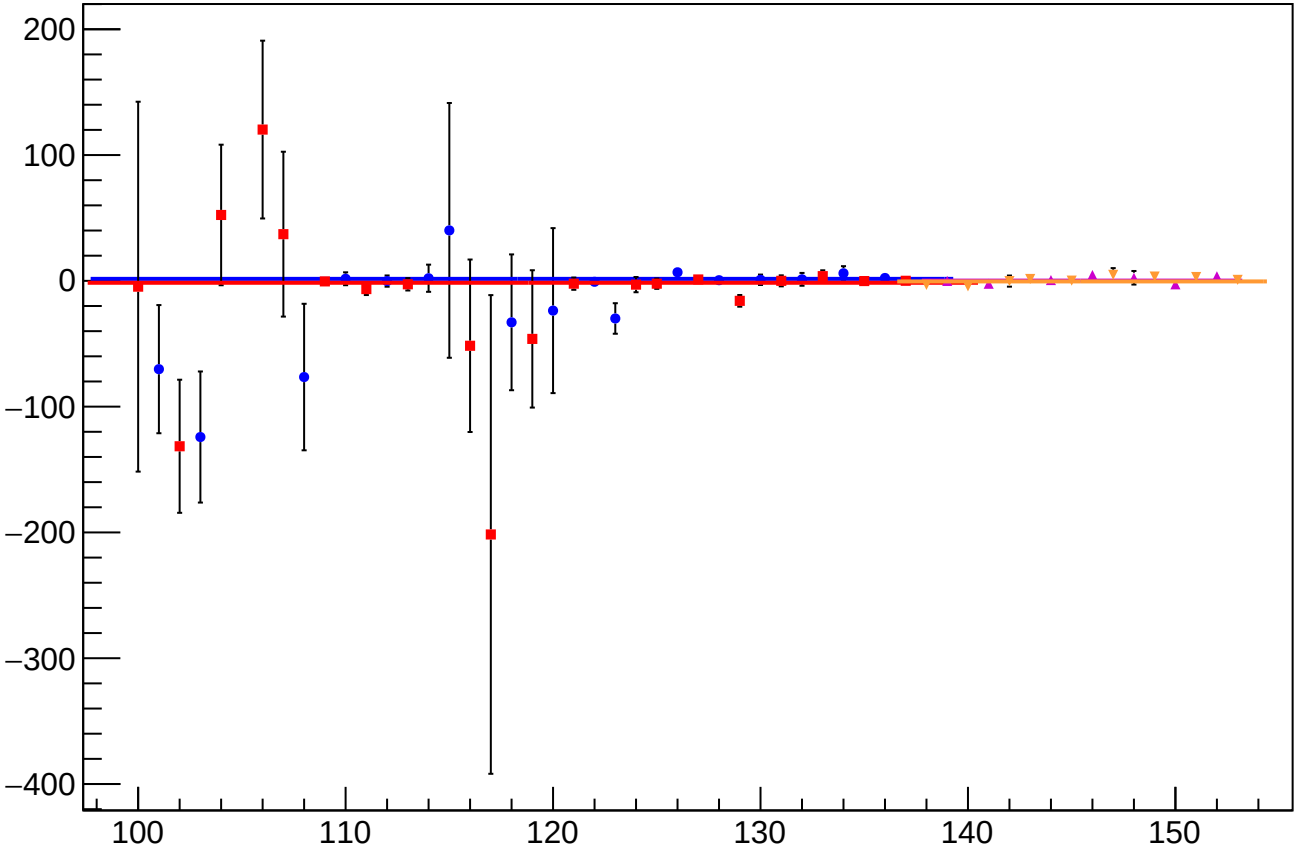
Right Out: 2634.840+/-0.881 χ^2/NDF: 4936039.0/19

Left In: 1648.269+/-0.493 χ^2/NDF:165639.6/6

1809.436+/-0.400 χ^2/NDF: 5852422.0/25

1883.617+/-0.430 χ^2/NDF: 6056591.9/26

diff_bpm1p03aY_mean vs Slug



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

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

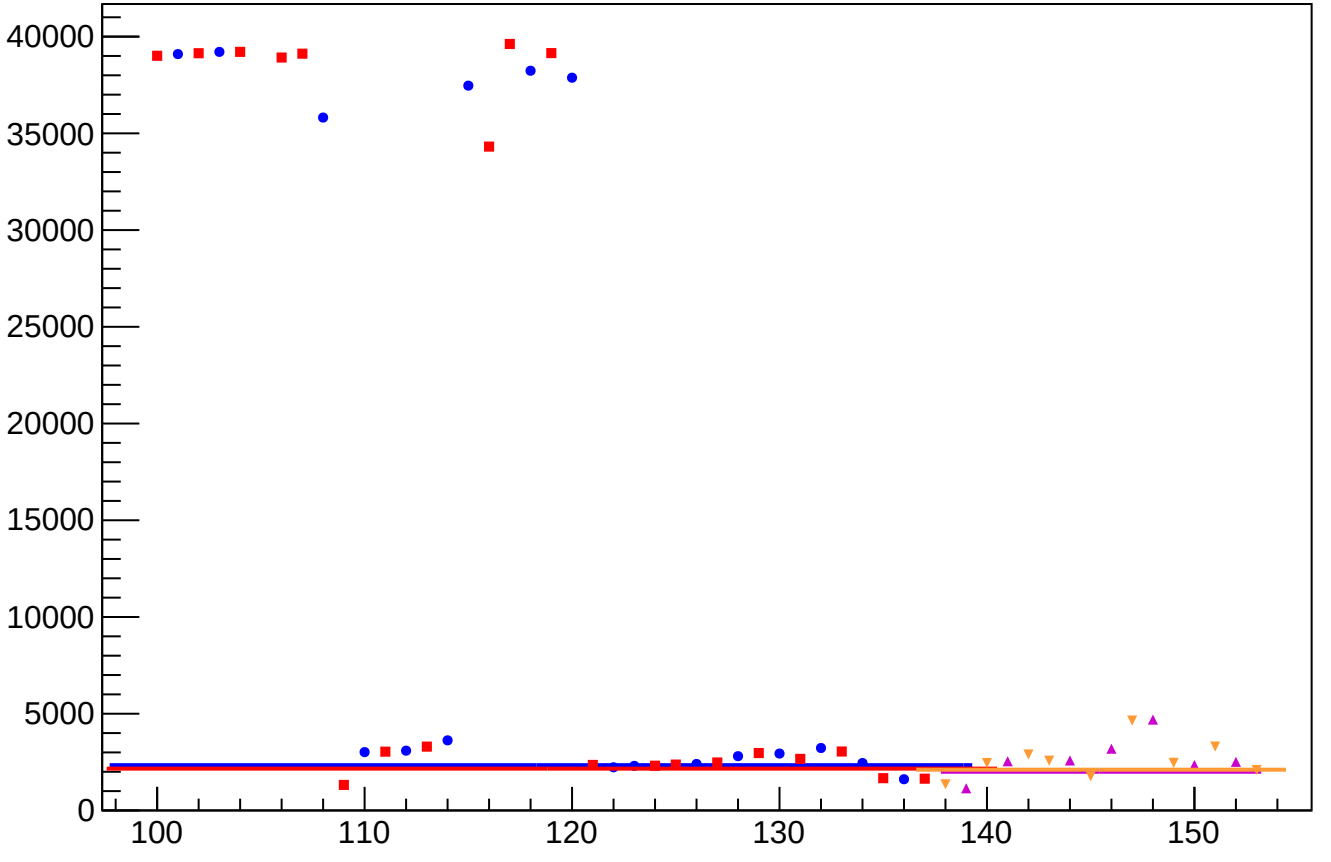
Right Out: -1.530+/-1.062 χ^2/NDF: 26.1/19

Left In: 0.192+/-0.928 χ^2/NDF:5.4/6

0.310+/-0.704 χ^2/NDF: 31.4/25

-0.553+/-0.699 χ^2/NDF: 33.0/26

diff_bpm1p03aY_rms vs Slug



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

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

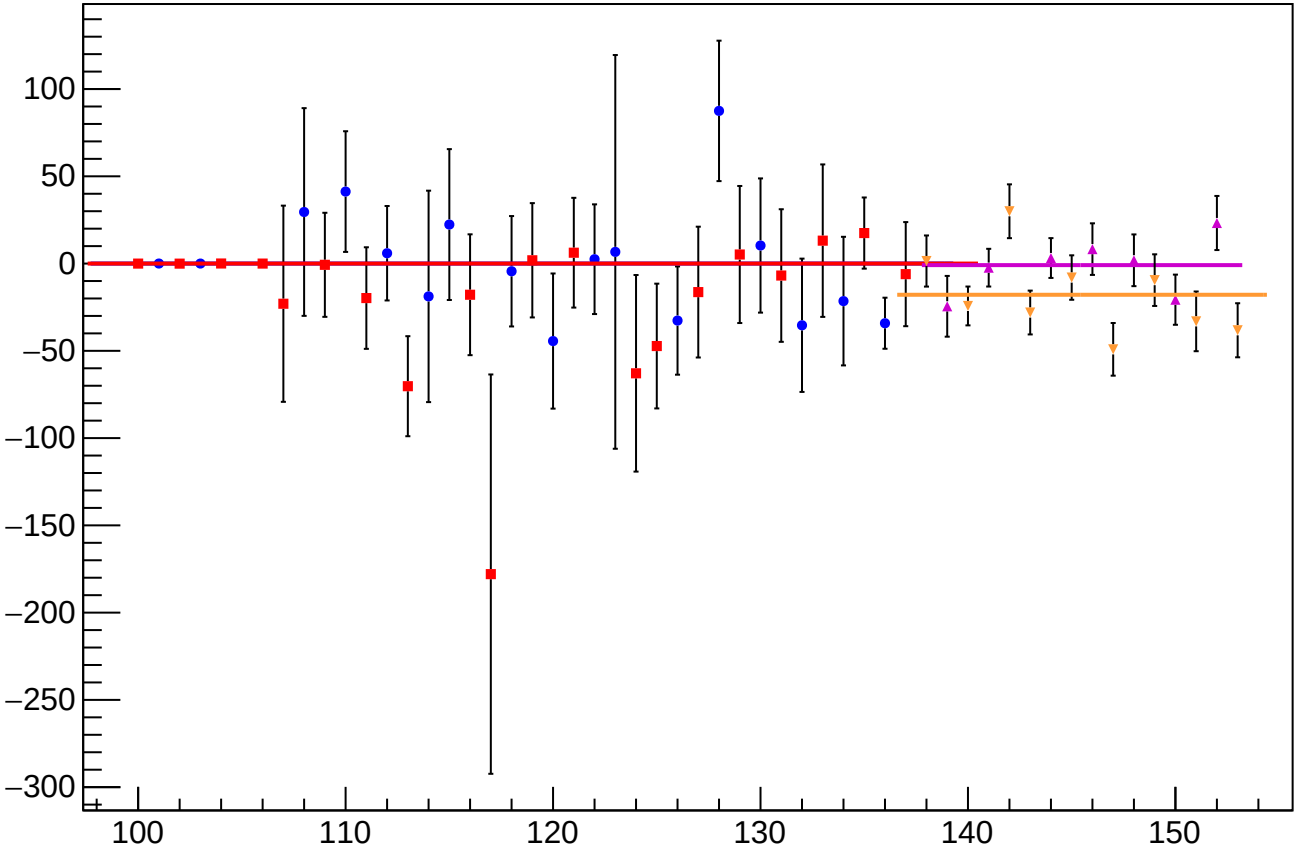
Right Out: 2162.329+/-0.751 χ^2/NDF: 5376569.5/19

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

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

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

diff_cav4bX_mean vs Slug



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

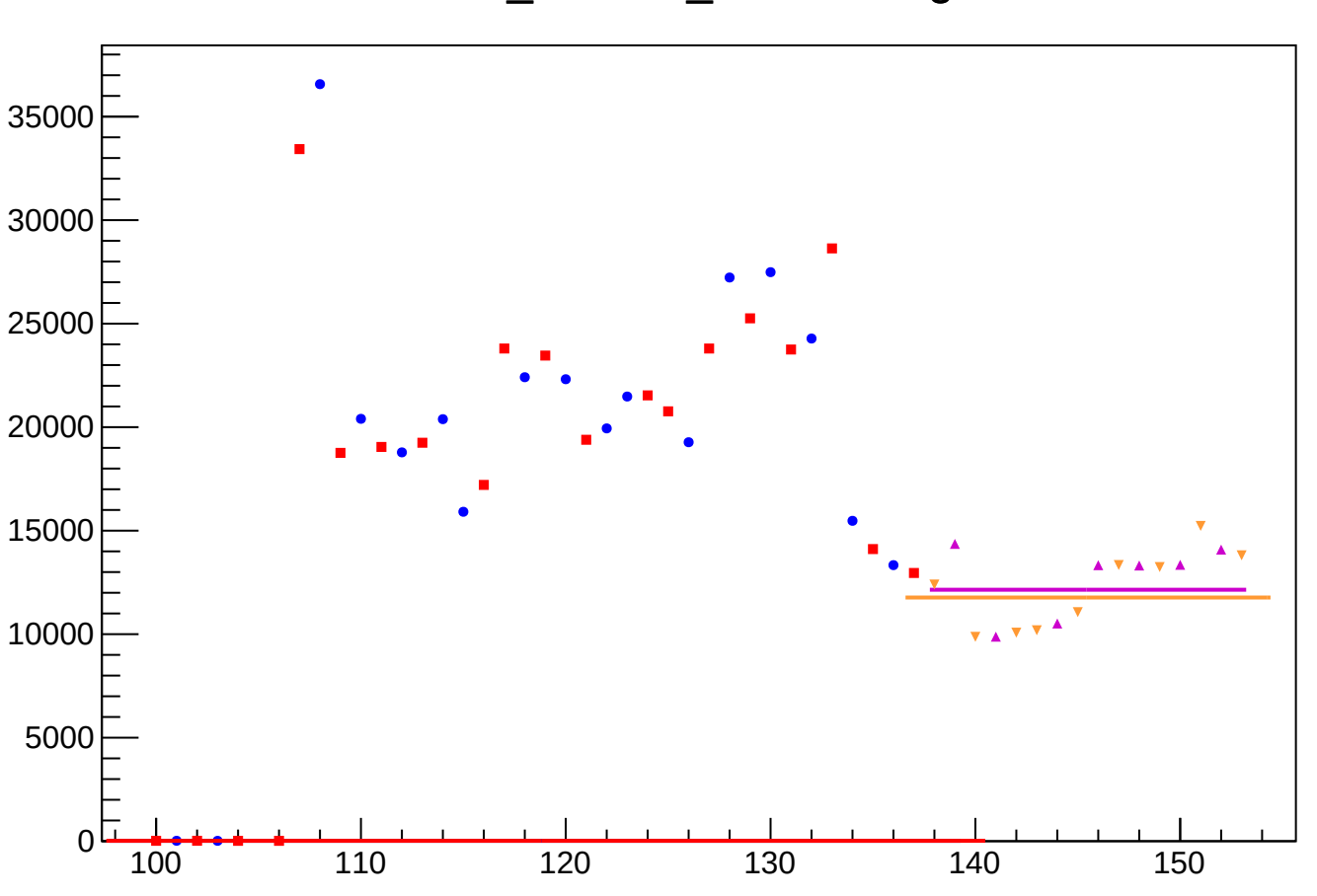
Left Out: -17.875+/-4.662 χ^2/NDF:20.1/8

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

Left In: -0.888+/-5.151 χ^2/NDF:6.7/6

0.013+/-0.017 χ^2/NDF: 51.0/25

0.003+/-0.016 χ^2/NDF: 25.1/26



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

Left Out: 11770.359+/-3.297 χ^2/NDF:281990.3/8

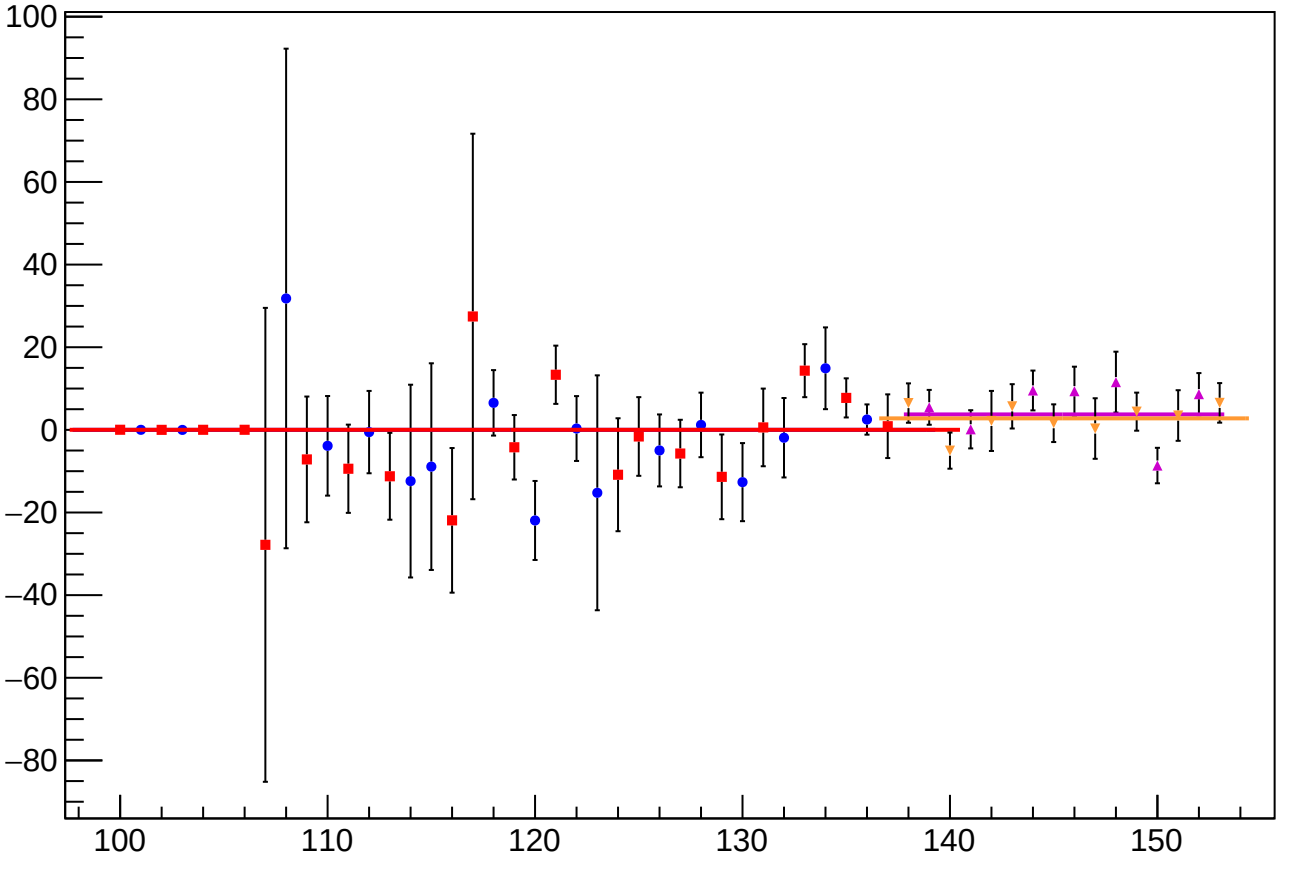
Right Out: 18.312+/-0.011 χ^2/NDF: 11197081.8/19

Left In: 12146.750+/-3.643 χ^2/NDF:231958.2/6

18.804+/-0.012 χ^2/NDF: 23974115.2/25

18.430+/-0.011 χ^2/NDF: 22515165.4/26

diff_cav4bY_mean vs Slug



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

Left Out: 2.783+/-1.730 χ^2/NDF:5.0/8

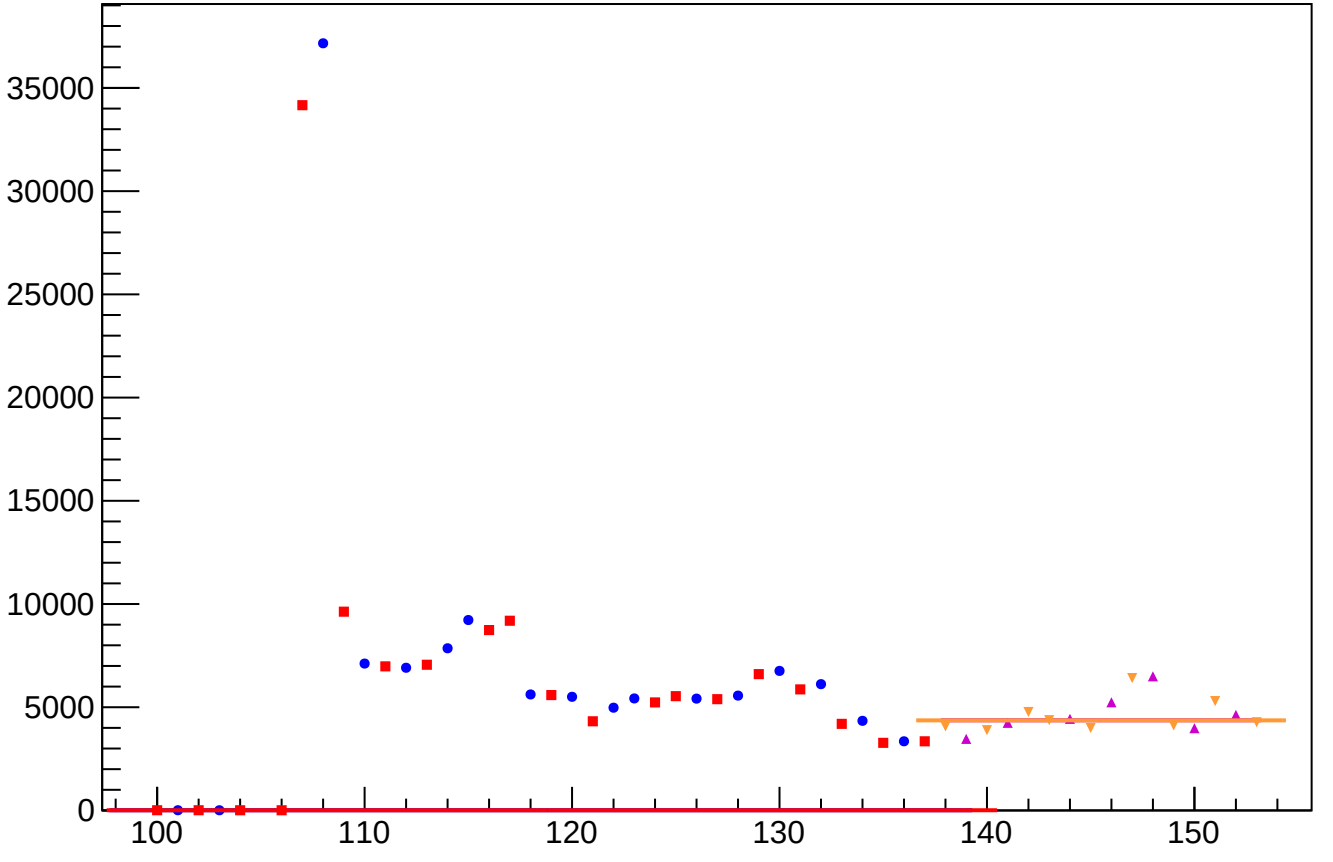
Right Out: 0.014+/-0.009 χ^2/NDF: 19.0/19

Left In: 3.736+/-1.870 χ^2/NDF:13.5/6

0.001+/-0.009 χ^2/NDF: 20.6/25

0.014+/-0.009 χ^2/NDF: 36.4/26

diff_cav4bY_rms vs Slug



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

Left Out: 4364.032+/-1.223 χ^2/NDF:259769.6/8

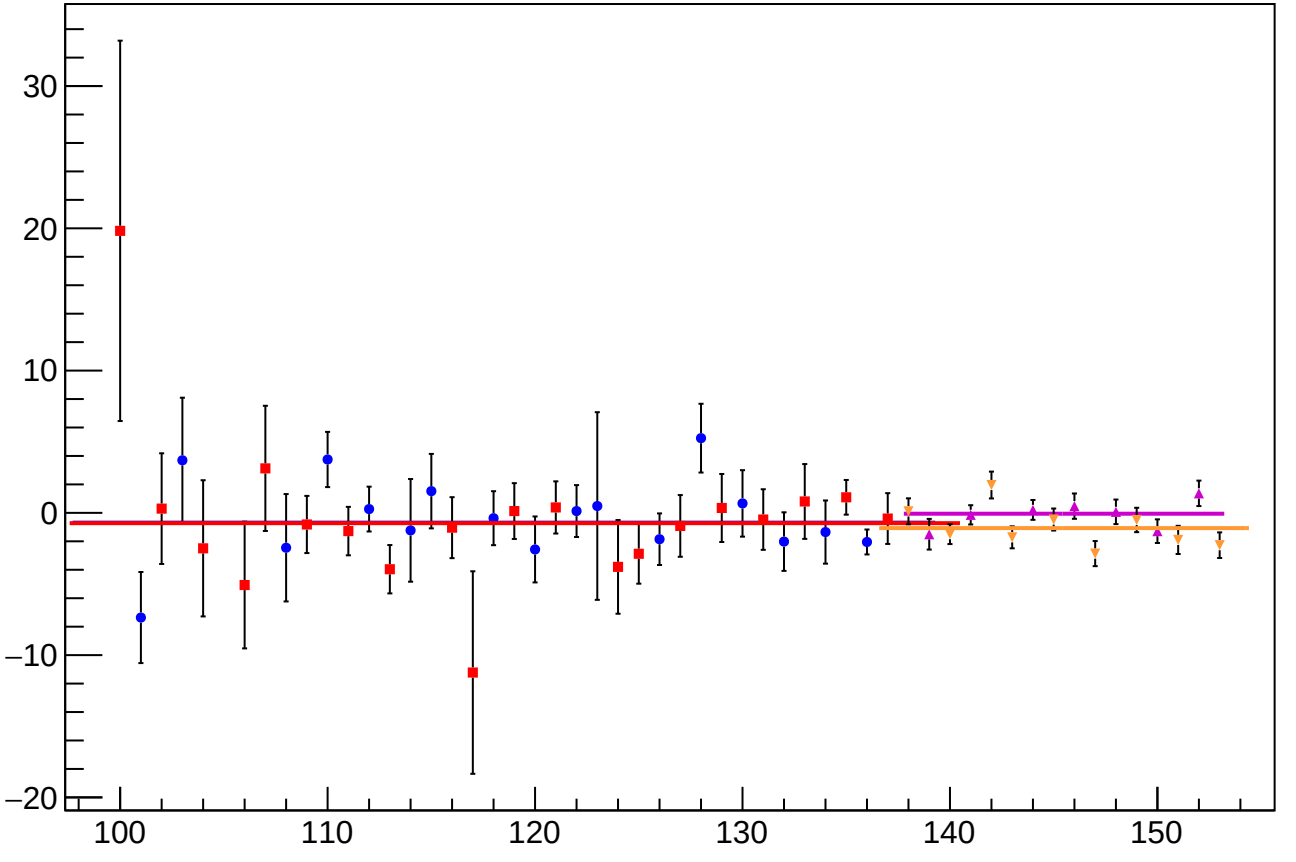
Right Out: 9.855+/-0.006 χ^2/NDF: 11246160.9/19

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

10.062+/-0.007 χ^2/NDF: 24042081.1/25

9.948+/-0.006 χ^2/NDF: 22429162.8/26

diff_cav4cX_mean vs Slug



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

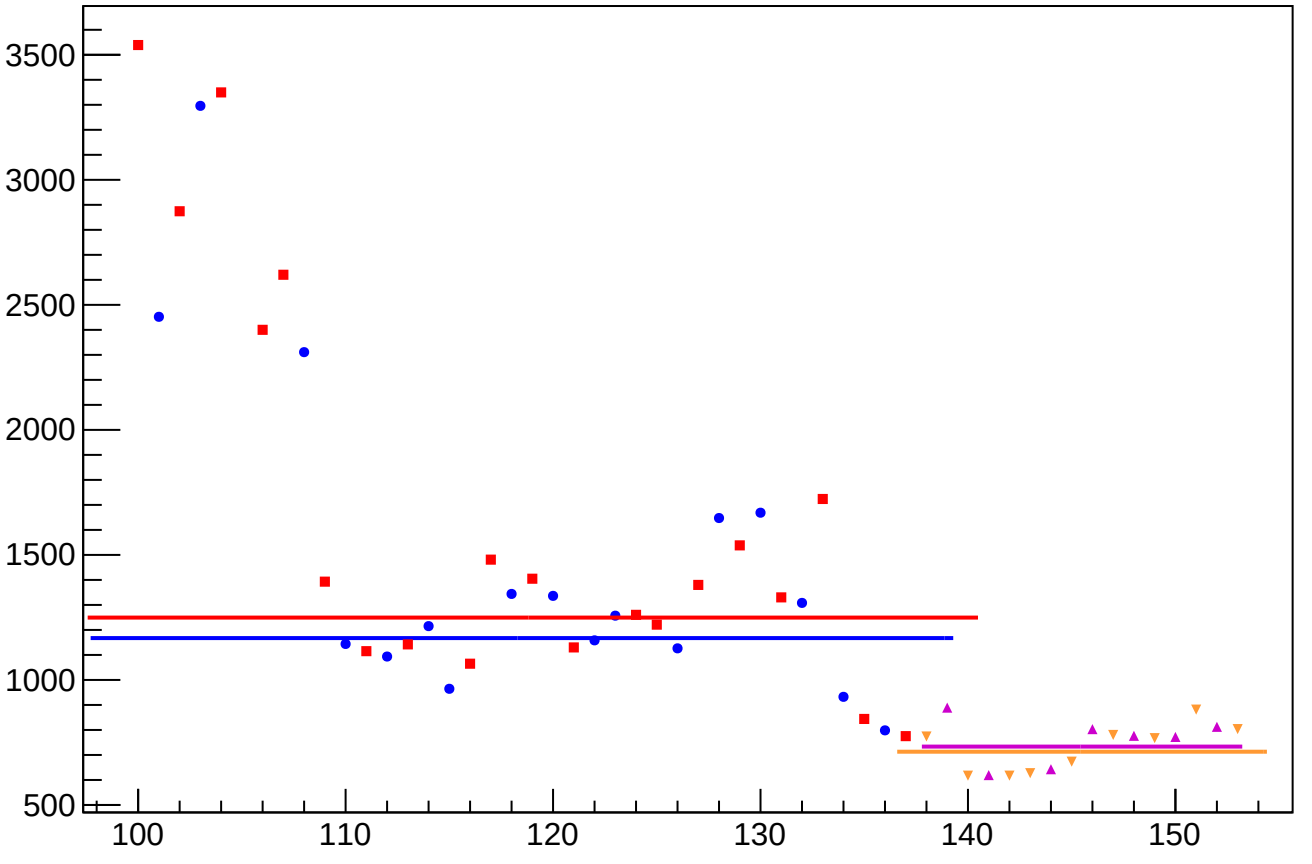
Left Out: -1.071+/-0.281 χ^2/NDF:20.7/8

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

Left In: -0.060+/-0.310 χ^2/NDF:7.1/6

-0.974+/-0.243 χ^2/NDF: 43.7/25

-0.245+/-0.263 χ^2/NDF: 23.9/26



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

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

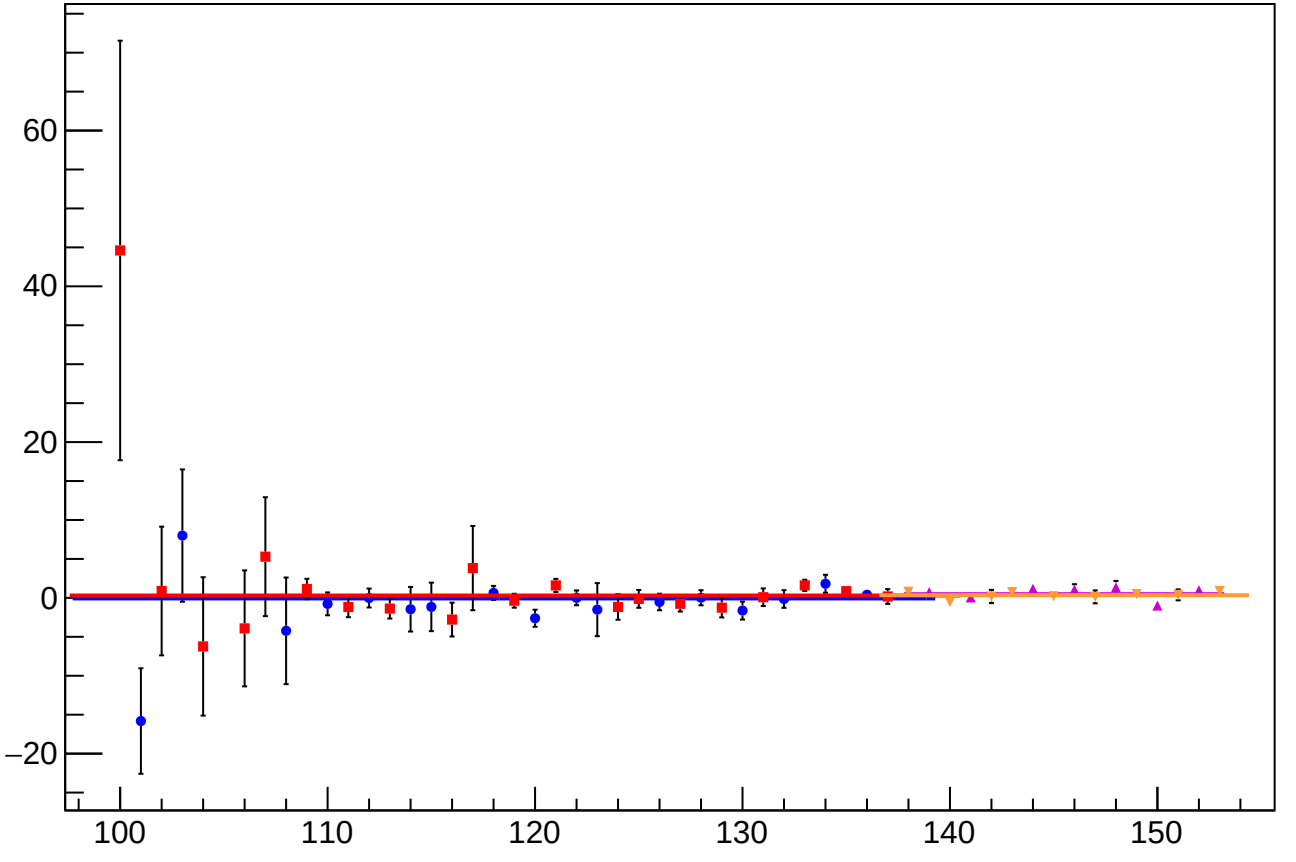
Right Out: 1249.388+/-0.353 χ^2/NDF: 1656159.5/19

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

828.355+/-0.172 χ^2/NDF: 3097985.0/25

877.017+/-0.186 χ^2/NDF: 3365902.2/26

diff_cav4cY_mean vs Slug



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

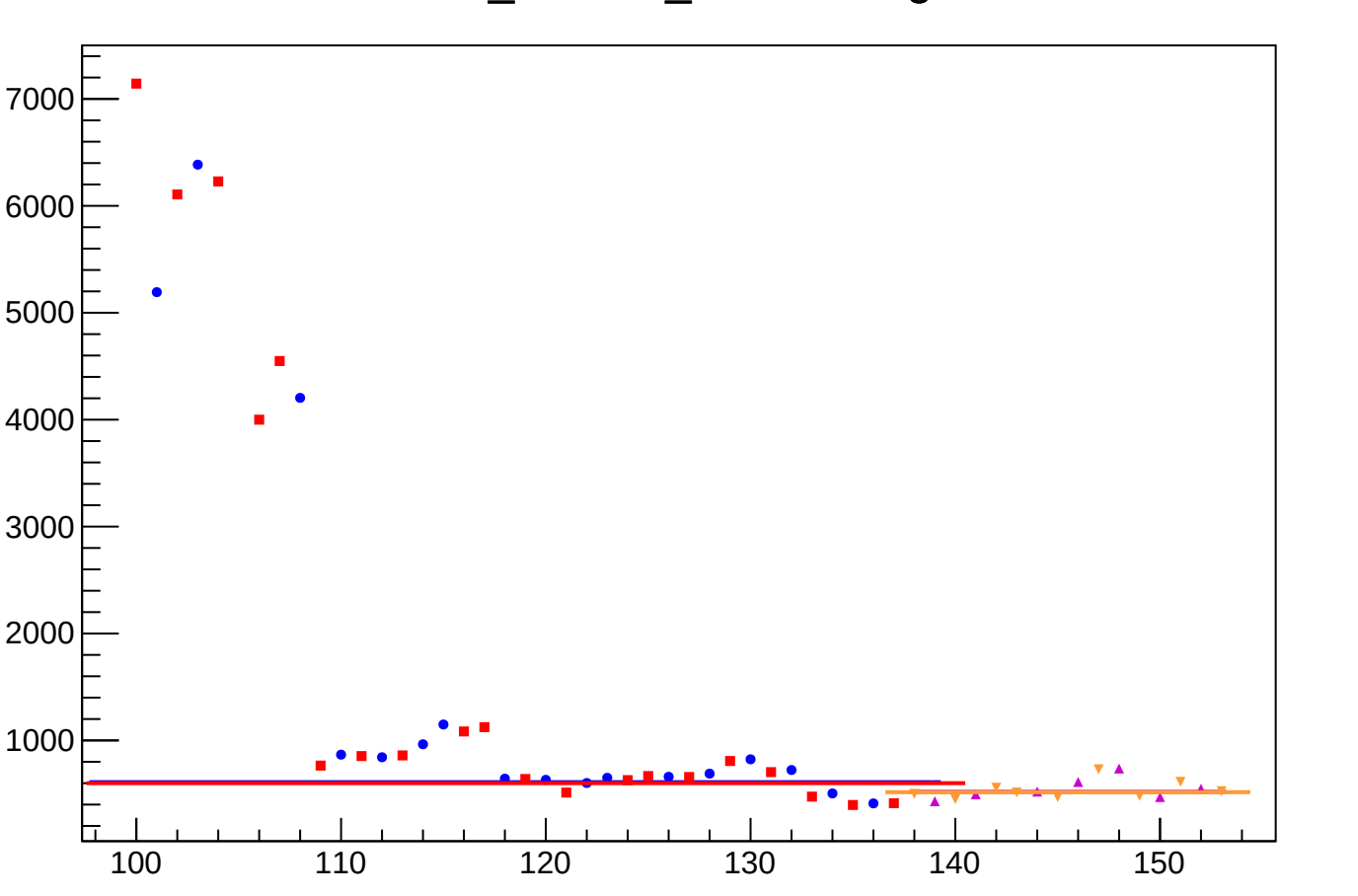
Left Out: 0.342+/-0.204 χ^2/NDF:5.1/8

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

Left In: 0.470+/-0.222 χ^2/NDF:13.2/6

0.190+/-0.162 χ^2/NDF: 25.8/25

0.400+/-0.170 χ^2/NDF: 34.1/26



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

Left Out: 515.876+/-0.144 χ^2/NDF:232617.9/8

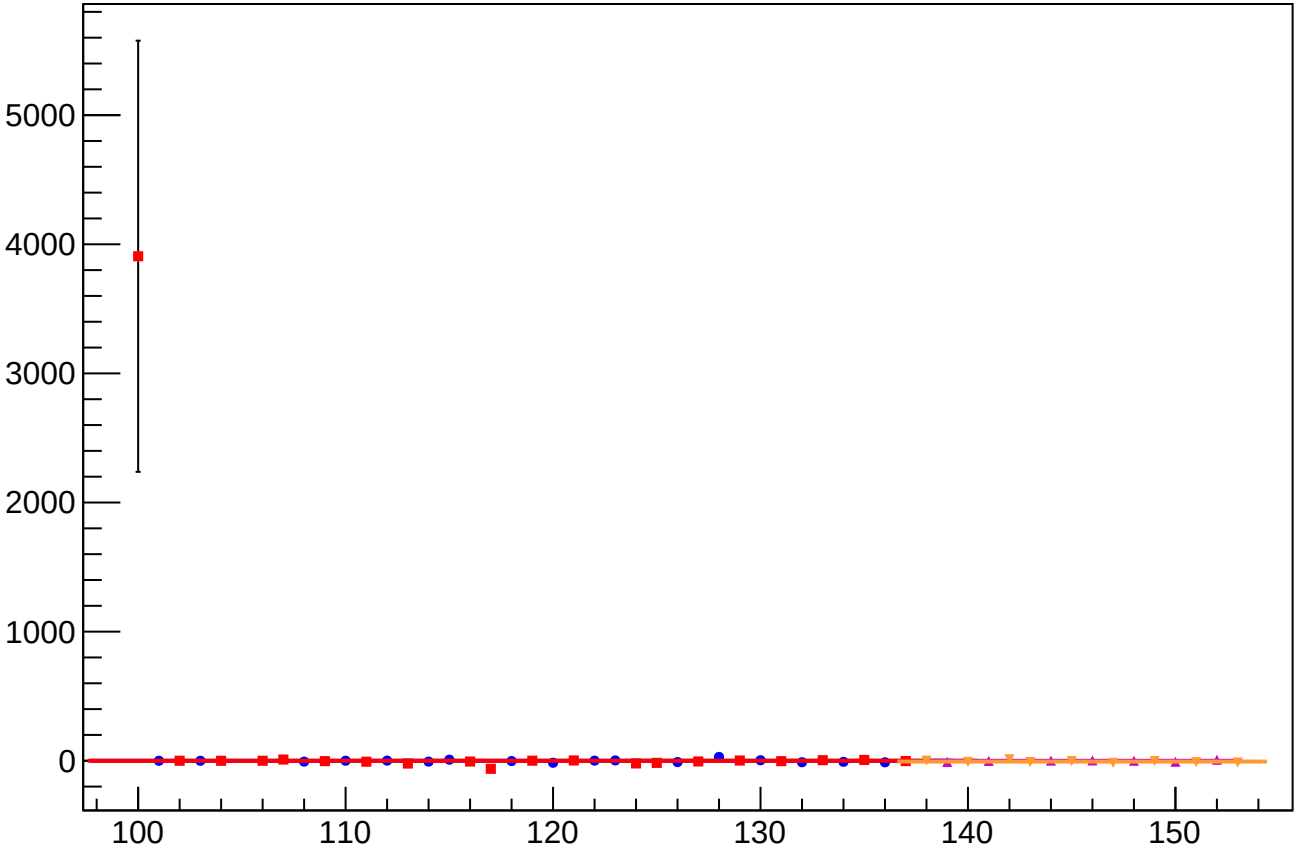
Right Out: 600.264+/-0.186 χ^2/NDF: 3571191.0/19

Left In: 519.548+/-0.157 χ^2/NDF:255750.0/6

550.248+/-0.115 χ^2/NDF: 3523588.6/25

552.971+/-0.120 χ^2/NDF: 3936820.2/26

diff_cav4dX_mean vs Slug



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

Left Out: -6.179+/-1.633 χ^2/NDF:20.8/8

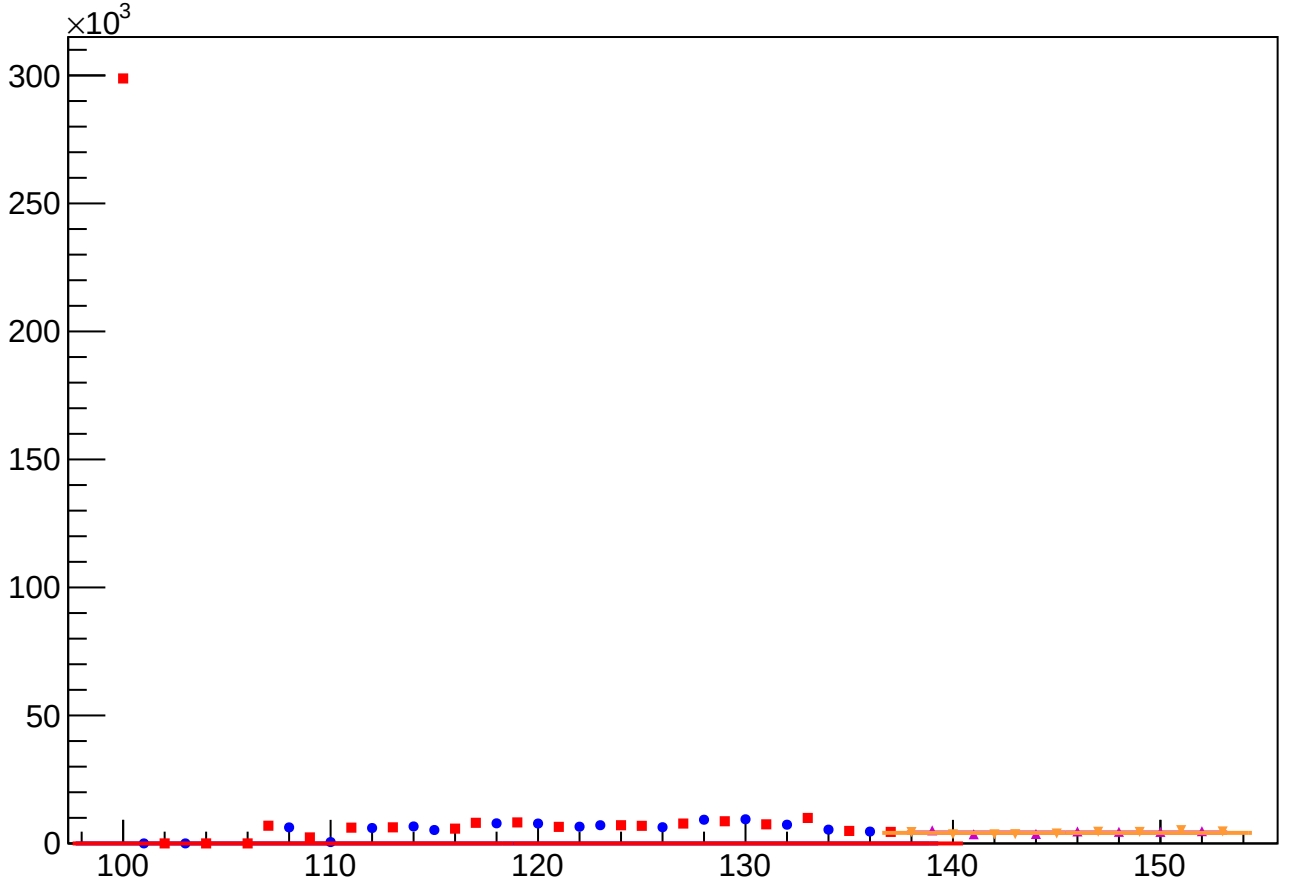
Right Out: -0.027+/-0.020 χ^2/NDF: 20.5/19

Left In: -0.364+/-1.805 χ^2/NDF:7.0/6

-0.023+/-0.021 χ^2/NDF: 50.7/25

-0.027+/-0.020 χ^2/NDF: 27.5/26

diff_cav4dX_rms vs Slug



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

Left Out: 4136.337+/-1.155 χ^2/NDF:214488.0/8

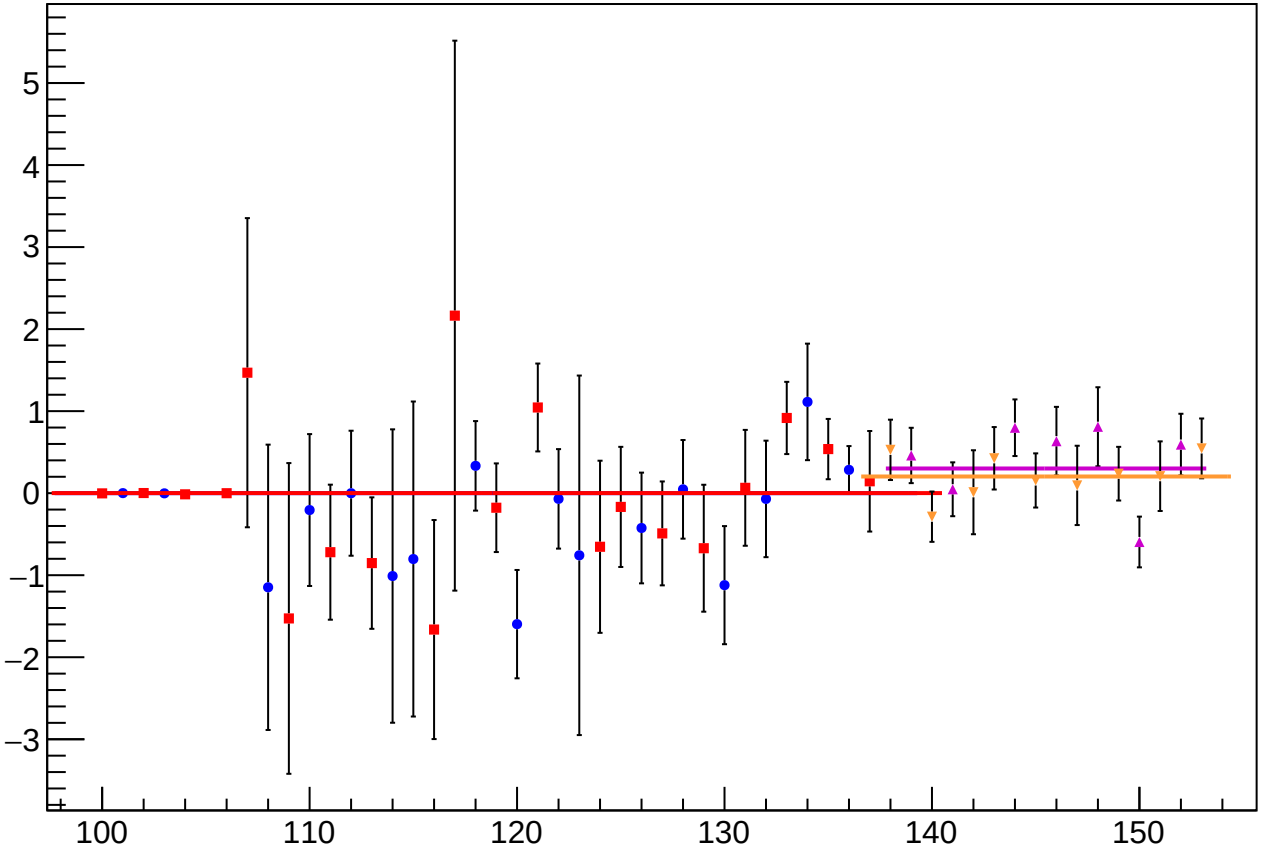
Right Out: 17.271+/-0.014 χ^2/NDF: 10906837.9/19

Left In: 4268.193+/-1.277 χ^2/NDF:181051.2/6

18.008+/-0.015 χ^2/NDF: 23433228.5/25

17.781+/-0.014 χ^2/NDF: 22174273.4/26

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF: 13.8/16

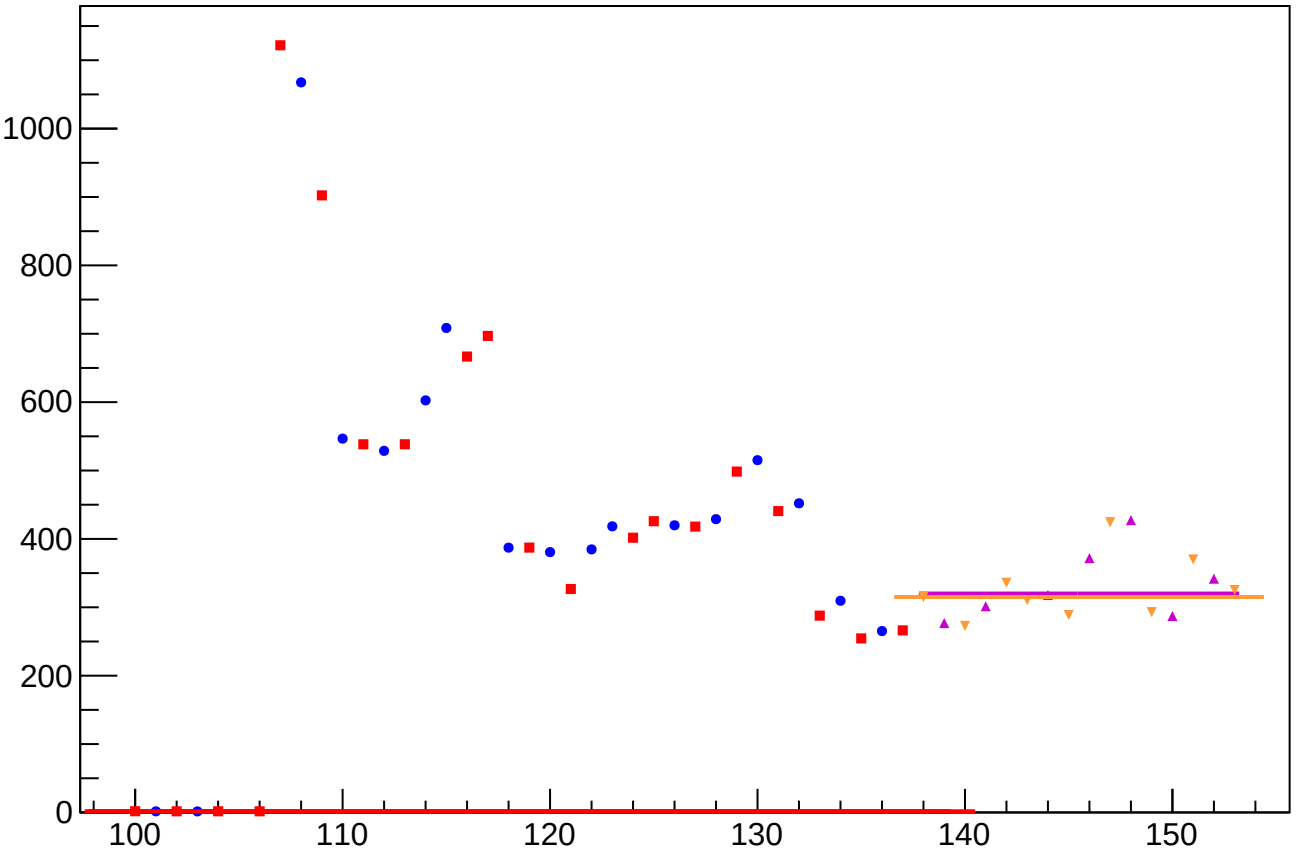
Left Out: 0.203+/-0.124 χ^2/NDF:4.8/8

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

Left In: 0.301+/-0.136 χ^2/NDF:13.6/6

0.000+/-0.002 χ^2/NDF: 21.2/25

0.001+/-0.002 χ^2/NDF: 36.8/26



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

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

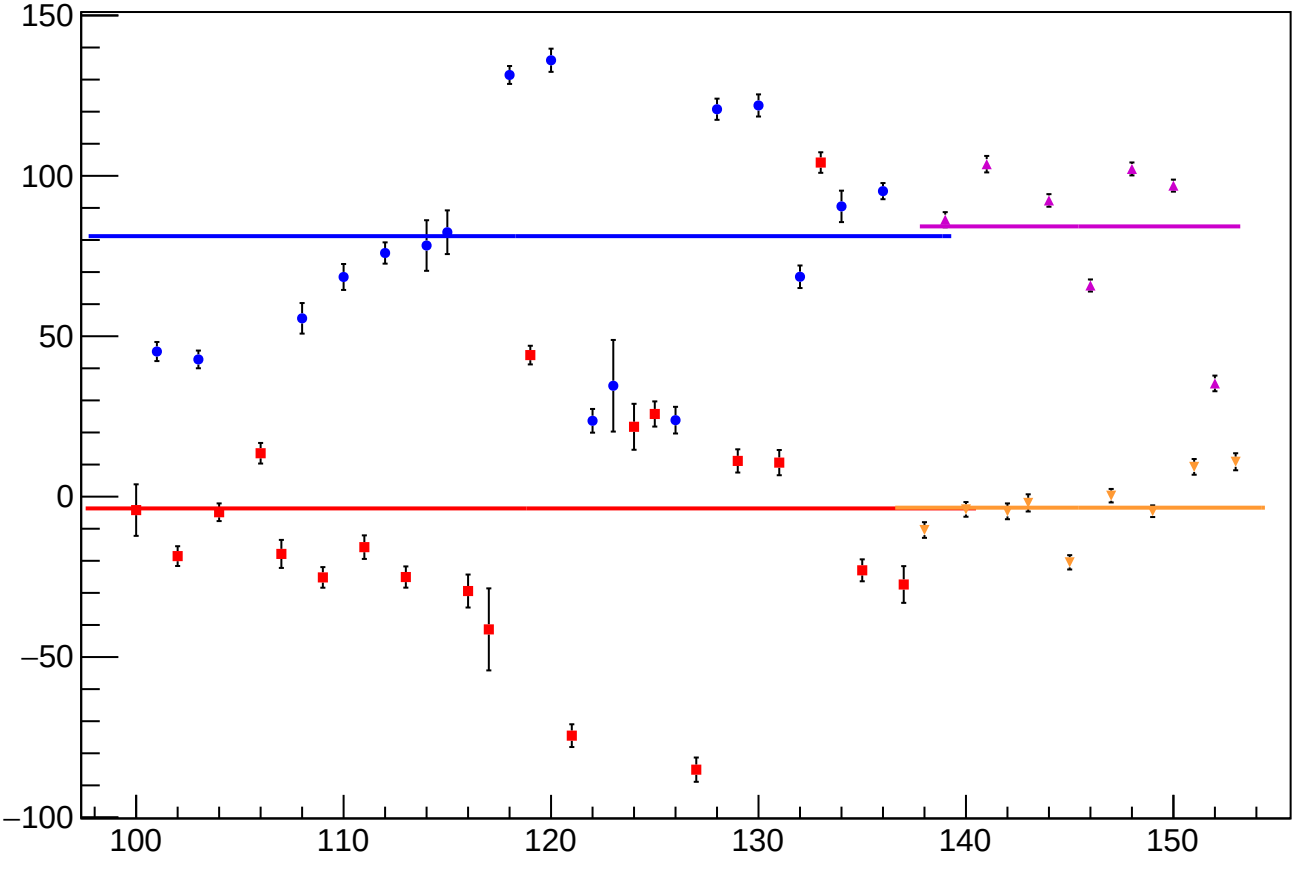
Right Out: 1.729+/-0.001 χ^2/NDF: 10829914.3/19

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

1.782+/-0.001 χ^2/NDF: 23936202.7/25

1.793+/-0.001 χ^2/NDF: 21975341.7/26

diff_bpm0i01X_mean vs Slug



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

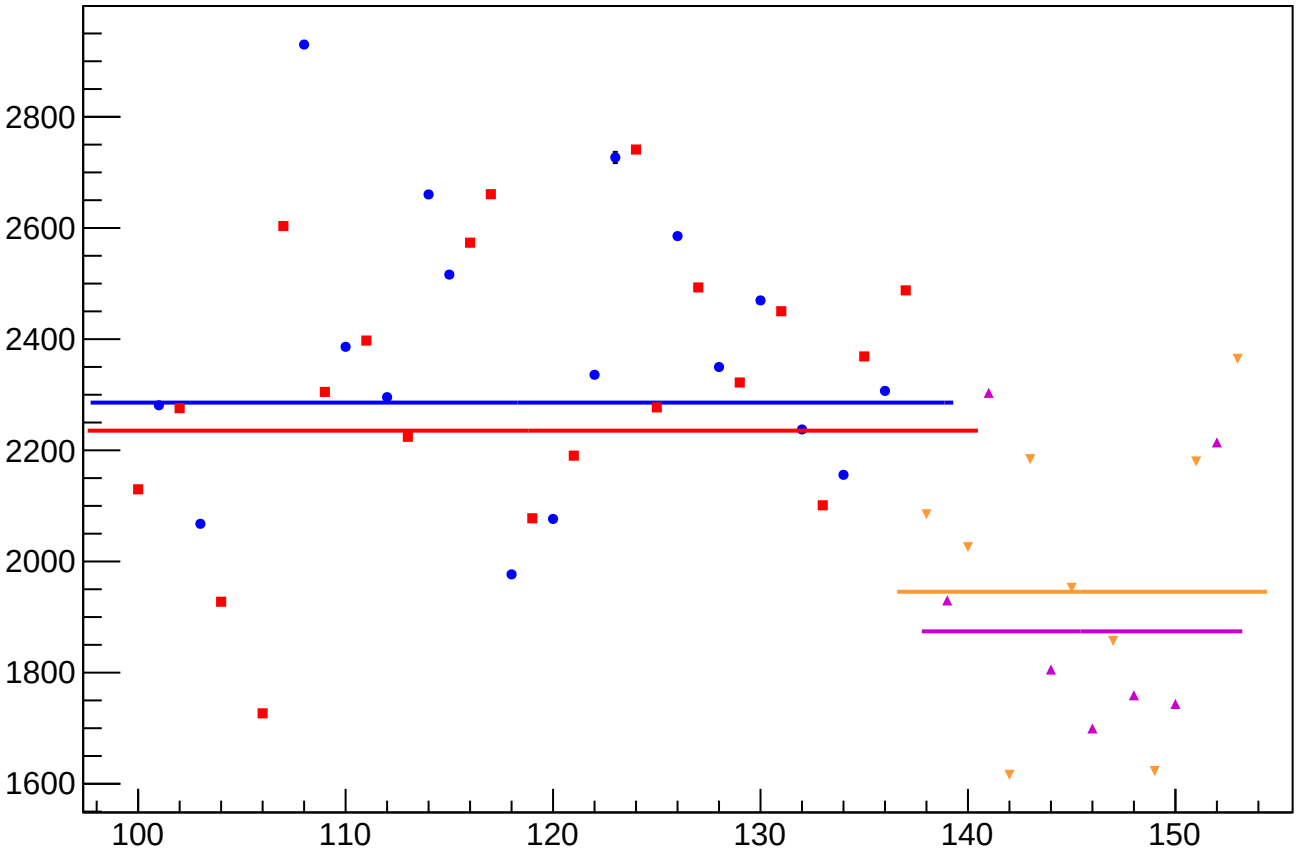
Left Out: -3.439+/-0.767 χ^2/NDF:126.3/8

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

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

32.845+/-0.580 χ^2/NDF: 7053.6/25

42.565+/-0.579 χ^2/NDF: 9056.8/26



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

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

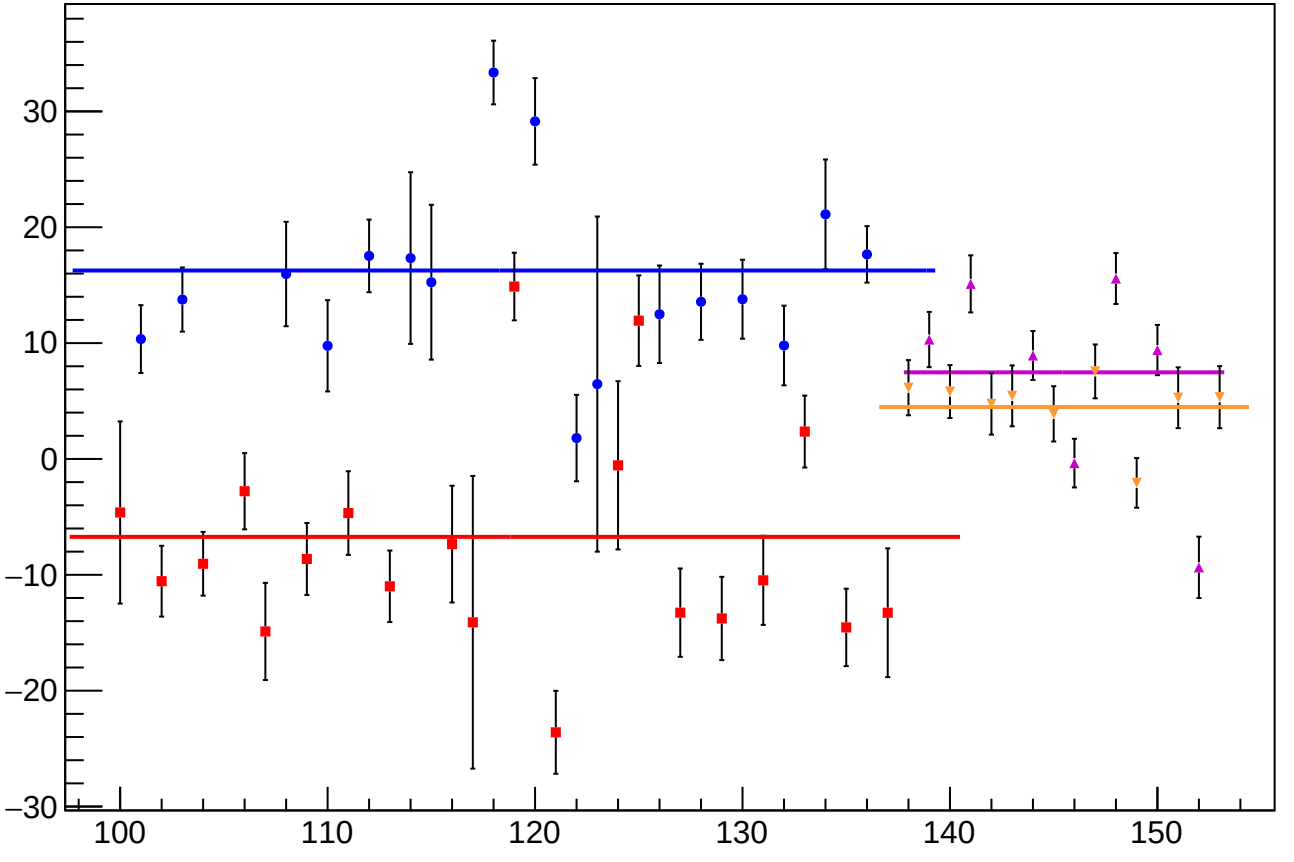
Right Out: 2235.394+/-0.594 χ^2/NDF: 149072.1/19

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

2091.413+/-0.410 χ^2/NDF: 473261.8/25

2045.449+/-0.409 χ^2/NDF: 474815.3/26

diff_bpm0i01Y_mean vs Slug



Right In: 16.265+/-0.872 χ^2/NDF: 80.8/16

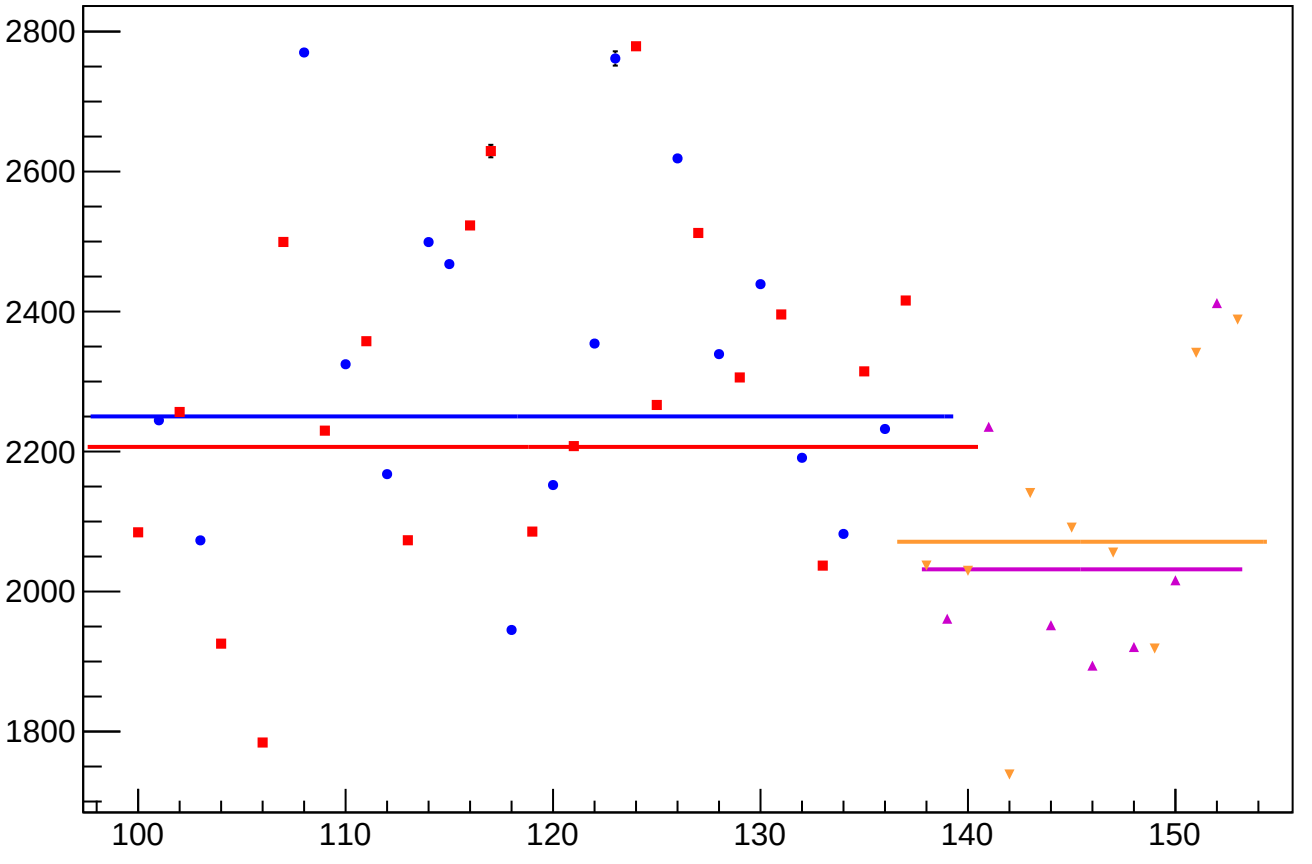
Left Out: 4.486+/-0.812 χ^2/NDF:12.3/8

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

Left In: 7.477+/-0.859 χ^2/NDF:80.1/6

9.957+/-0.594 χ^2/NDF: 191.0/25

0.121+/-0.597 χ^2/NDF: 355.8/26



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

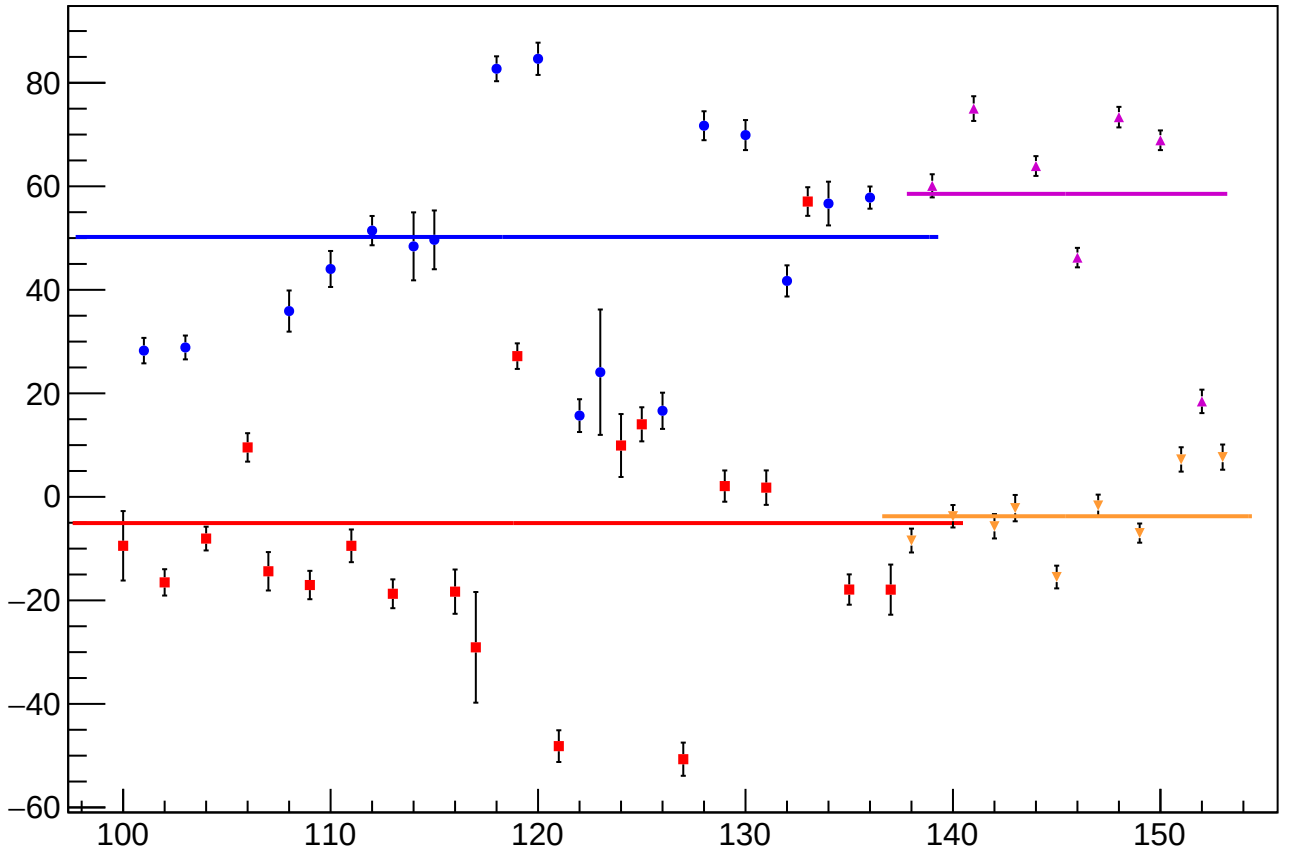
Left Out: 2071.121+/-0.574 χ^2/NDF:93459.9/8

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

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

2154.289+/-0.420 χ^2/NDF: 236247.0/25

2122.325+/-0.422 χ^2/NDF: 244640.5/26



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

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

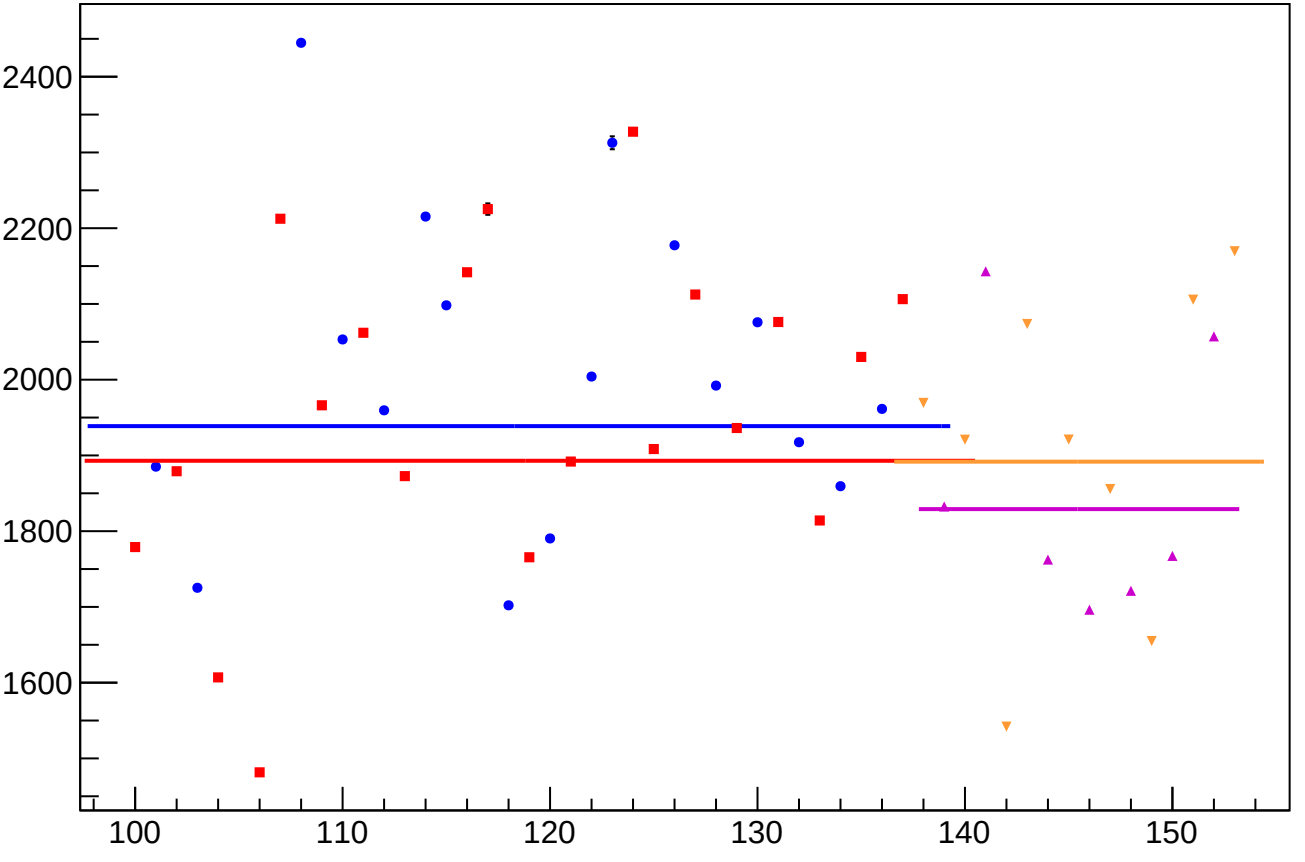
Right Out: -5.065+/-0.712 χ^2/NDF: 1267.6/19

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

22.965+/-0.528 χ^2/NDF: 3520.6/25

23.968+/-0.525 χ^2/NDF: 5410.4/26

diff_bpm0i01aX_rms vs Slug



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

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

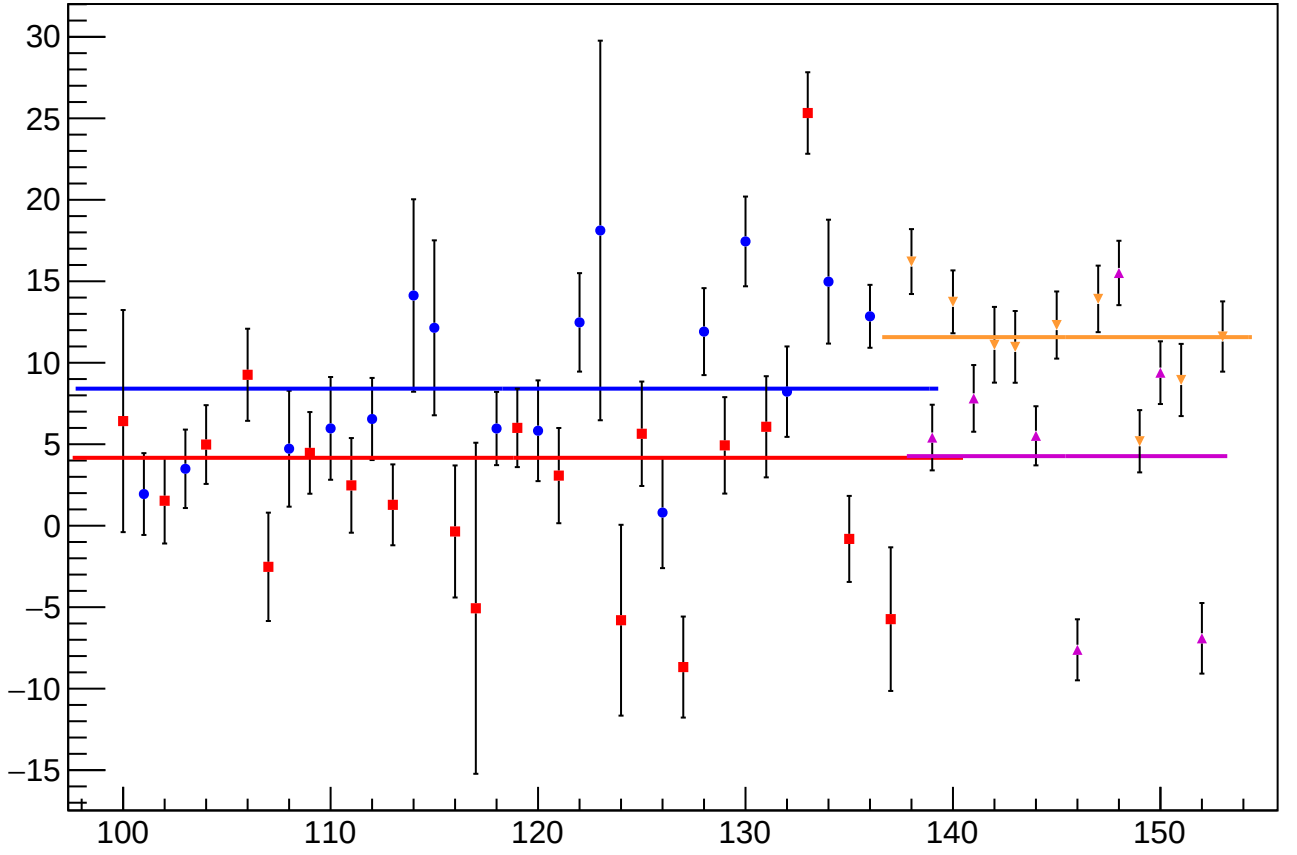
Right Out: 1892.946+/-0.503 χ^2/NDF: 148563.2/19

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

1914.995+/-0.374 χ^2/NDF: 237315.4/25

1863.821+/-0.371 χ^2/NDF: 231189.8/26

diff_bpm0i01aY_mean vs Slug



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

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

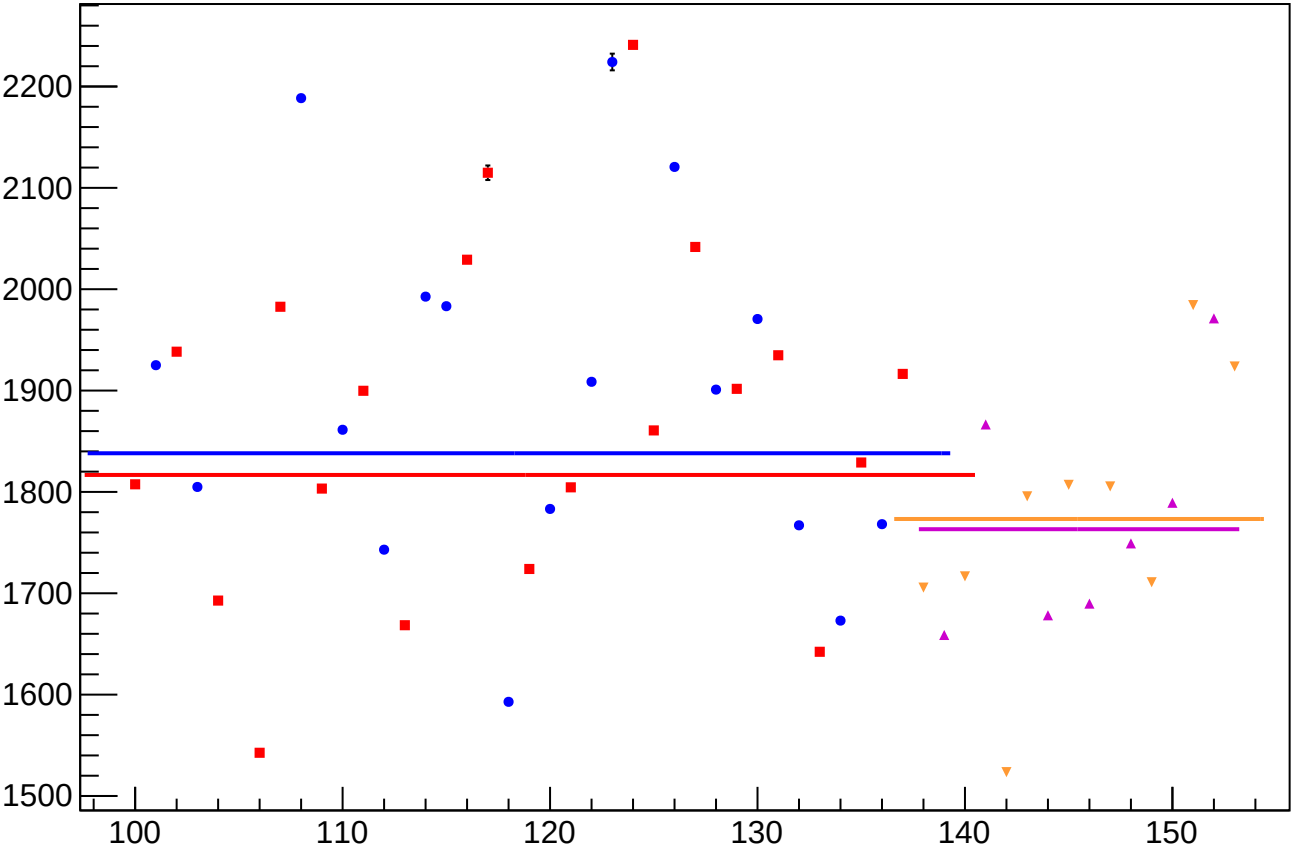
Right Out: 4.167+/-0.681 χ^2/NDF: 113.9/19

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

10.032+/-0.496 χ^2/NDF: 75.6/25

4.214+/-0.502 χ^2/NDF: 224.1/26

diff_bpm0i01aY_rms vs Slug



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

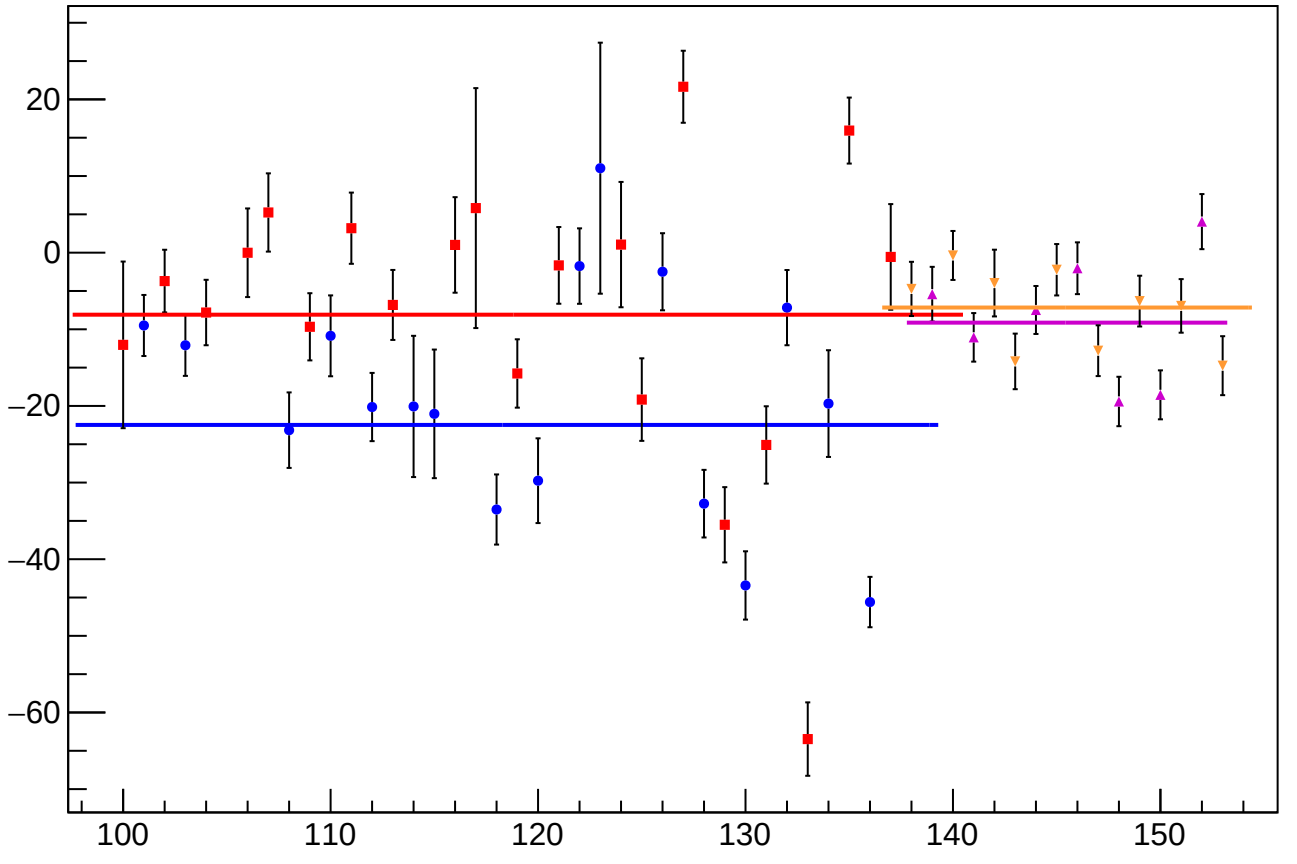
Left Out: 1773.298+/-0.490 χ^2/NDF:58397.5/8

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

Left In: 1763.216+/-0.525 χ^2/NDF:36824.7/6

1804.894+/-0.351 χ^2/NDF: 149801.0/25

1792.301+/-0.355 χ^2/NDF: 131620.6/26



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

Left Out: -7.159+/-1.173 χ^2/NDF:18.3/8

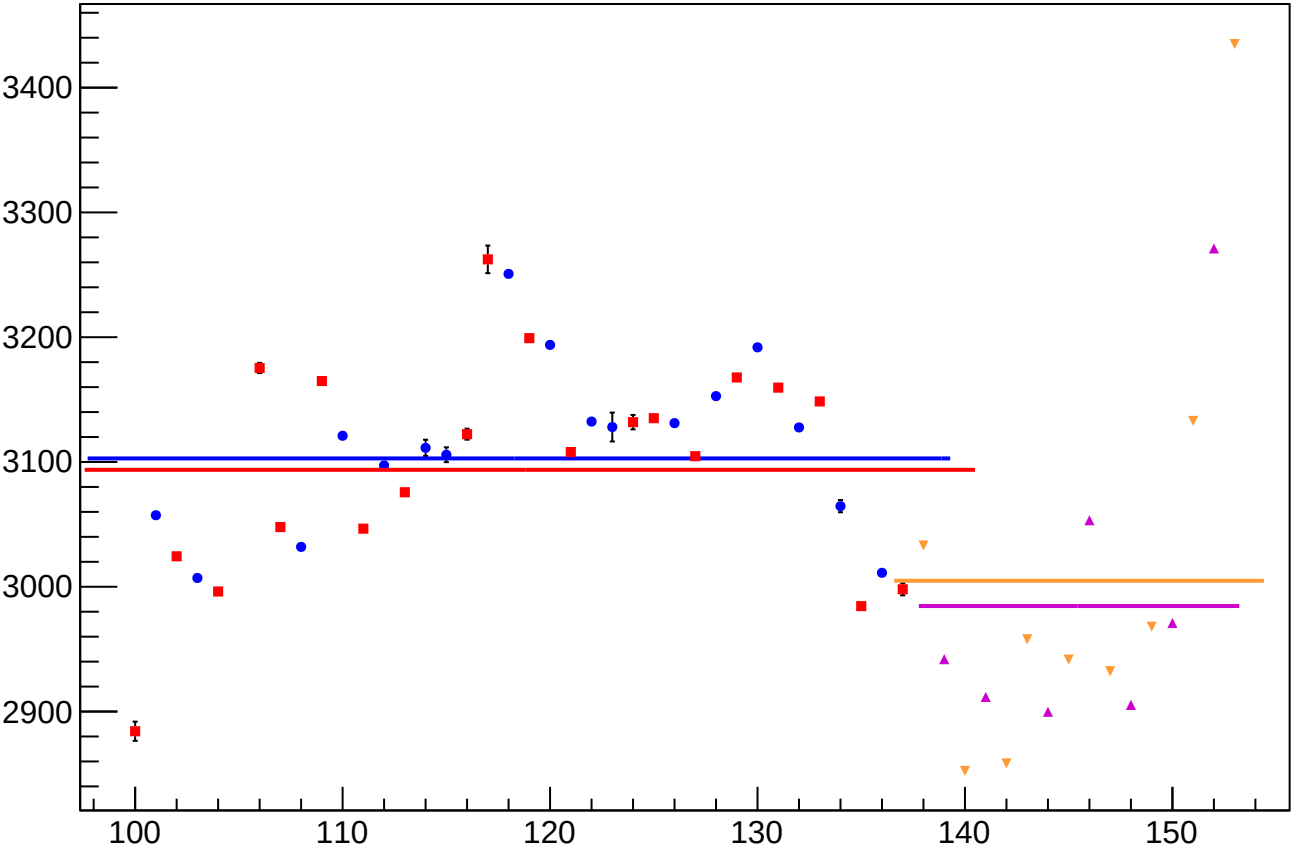
Right Out: -8.093+/-1.153 χ^2/NDF: 277.7/19

Left In: -9.133+/-1.251 χ^2/NDF:38.5/6

-14.676+/-0.837 χ^2/NDF: 256.7/25

-8.571+/-0.848 χ^2/NDF: 316.5/26

diff_bpm0l01X_rms vs Slug



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

Left Out: 3004.818+/-0.829 χ^2/NDF:36873.7/8

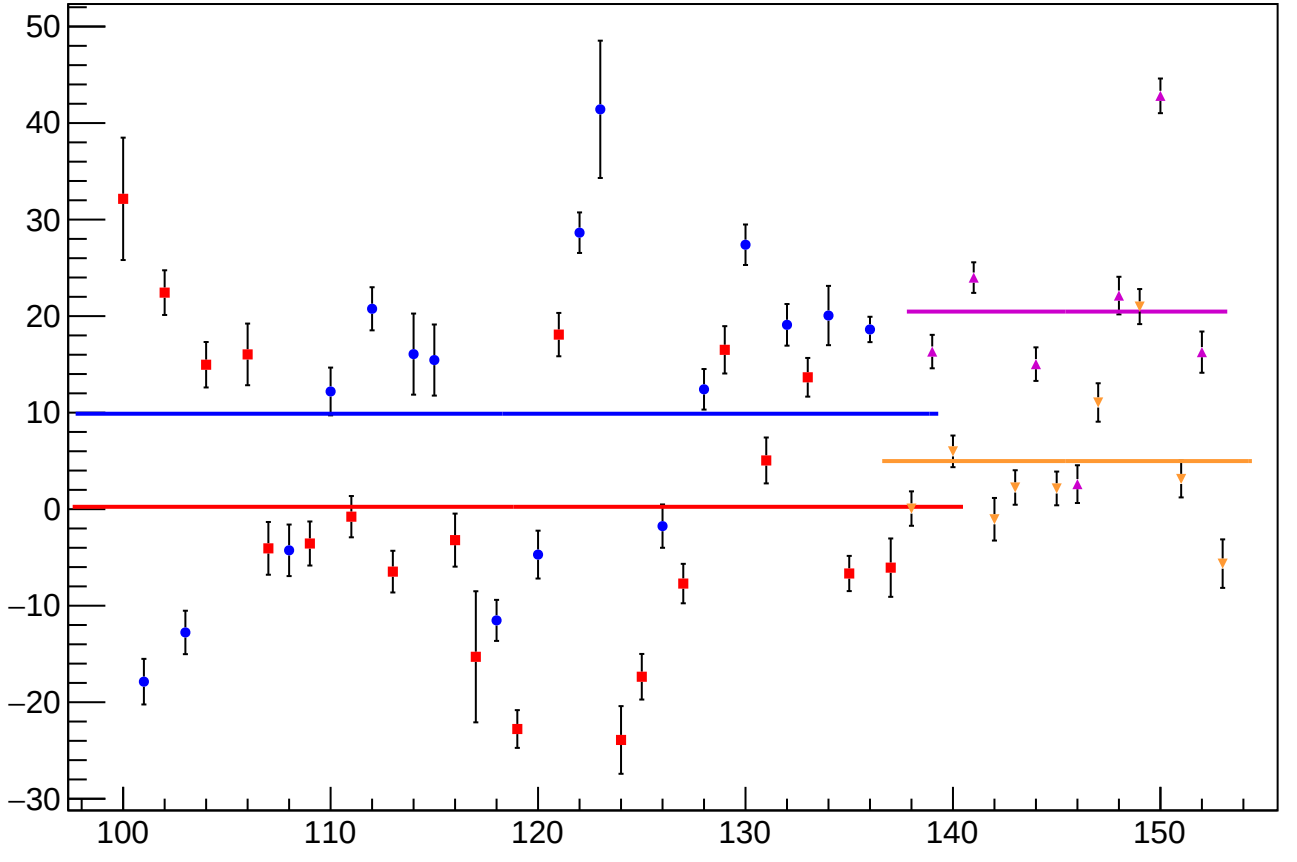
Right Out: 3093.715+/-0.816 χ^2/NDF: 7996.8/19

Left In: 2984.552+/-0.884 χ^2/NDF:17591.6/6

3052.918+/-0.592 χ^2/NDF: 51076.4/25

3043.539+/-0.600 χ^2/NDF: 33823.4/26

diff_bpm0l01Y_mean vs Slug



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

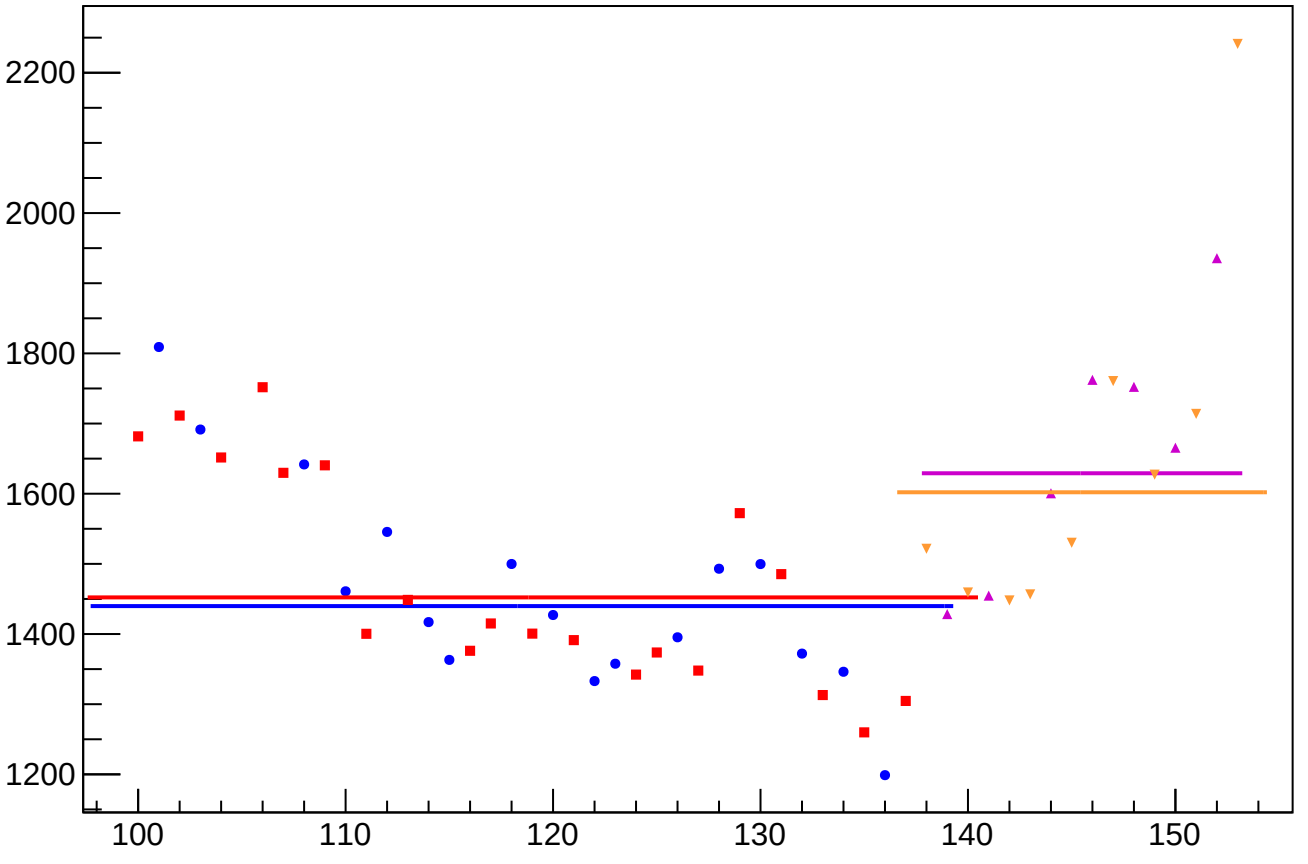
Left Out: 4.982+/-0.630 χ^2/NDF:126.2/8

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

Left In: 20.470+/-0.687 χ^2/NDF:263.5/6

7.725+/-0.418 χ^2/NDF: 863.7/25

8.054+/-0.427 χ^2/NDF: 1429.1/26



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

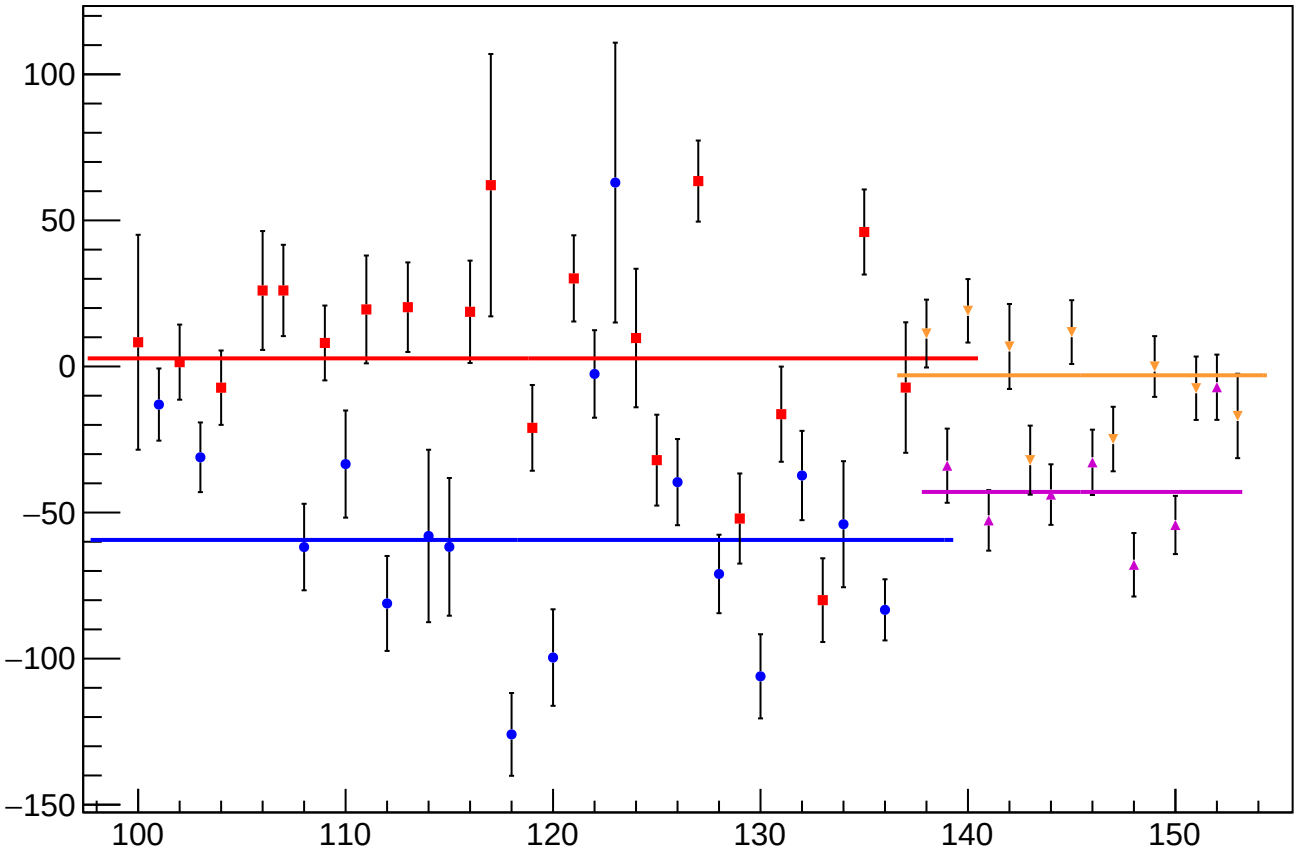
Left Out: 1602.050+/-0.445 χ^2/NDF:194855.6/8

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

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

1511.352+/-0.296 χ^2/NDF: 441816.4/25

1520.524+/-0.302 χ^2/NDF: 330812.3/26



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

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

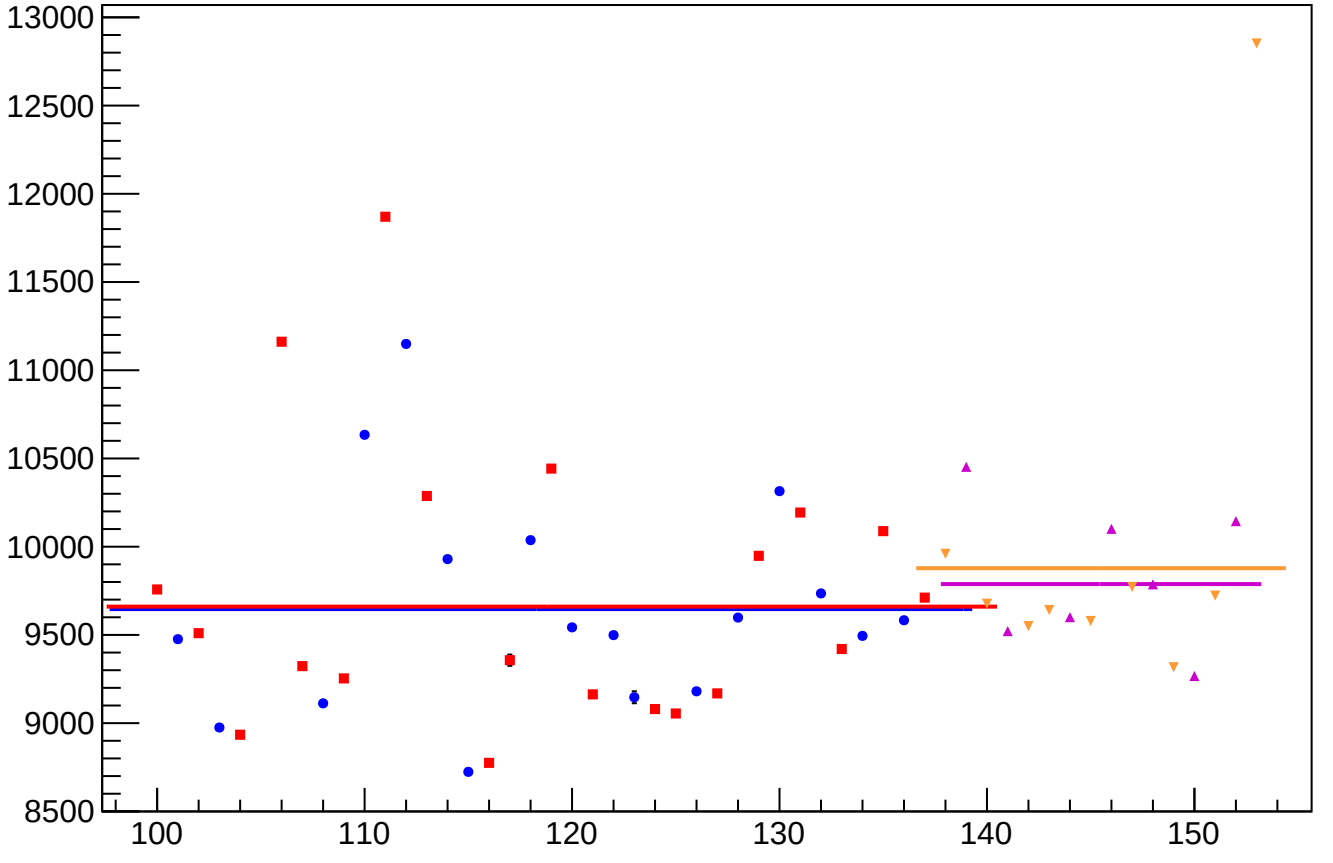
Right Out: 2.776+/-3.618 χ^2/NDF: 95.7/19

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

-32.216+/-2.684 χ^2/NDF: 222.0/25

-17.224+/-2.714 χ^2/NDF: 184.6/26

diff_bpm0l02X_rms vs Slug



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

Left Out: 9878.190+/-2.734 χ^2/NDF:95267.1/8

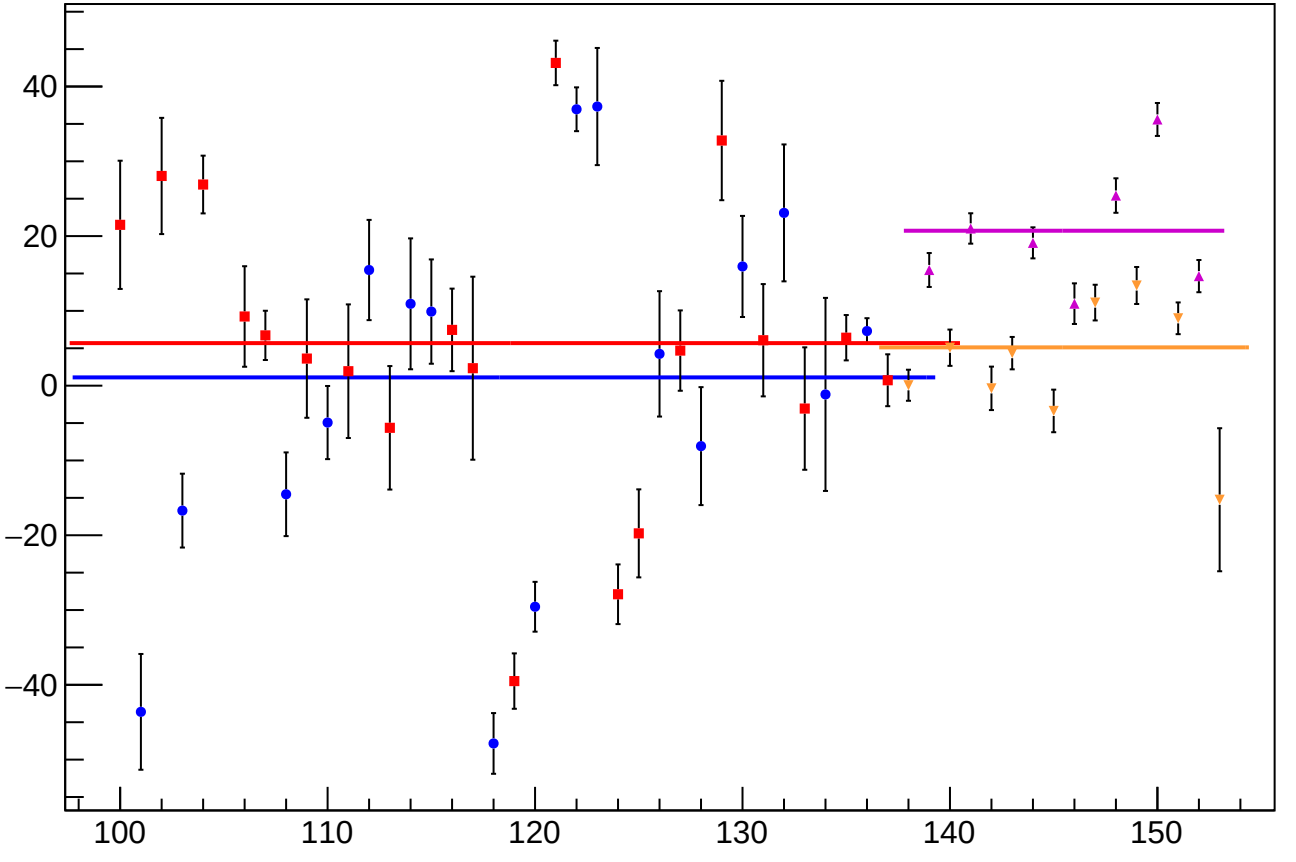
Right Out: 9660.380+/-2.558 χ^2/NDF: 77676.0/19

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

9758.143+/-1.898 χ^2/NDF: 143049.1/25

9716.291+/-1.919 χ^2/NDF: 95308.4/26

diff_bpm0l02Y_mean vs Slug



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

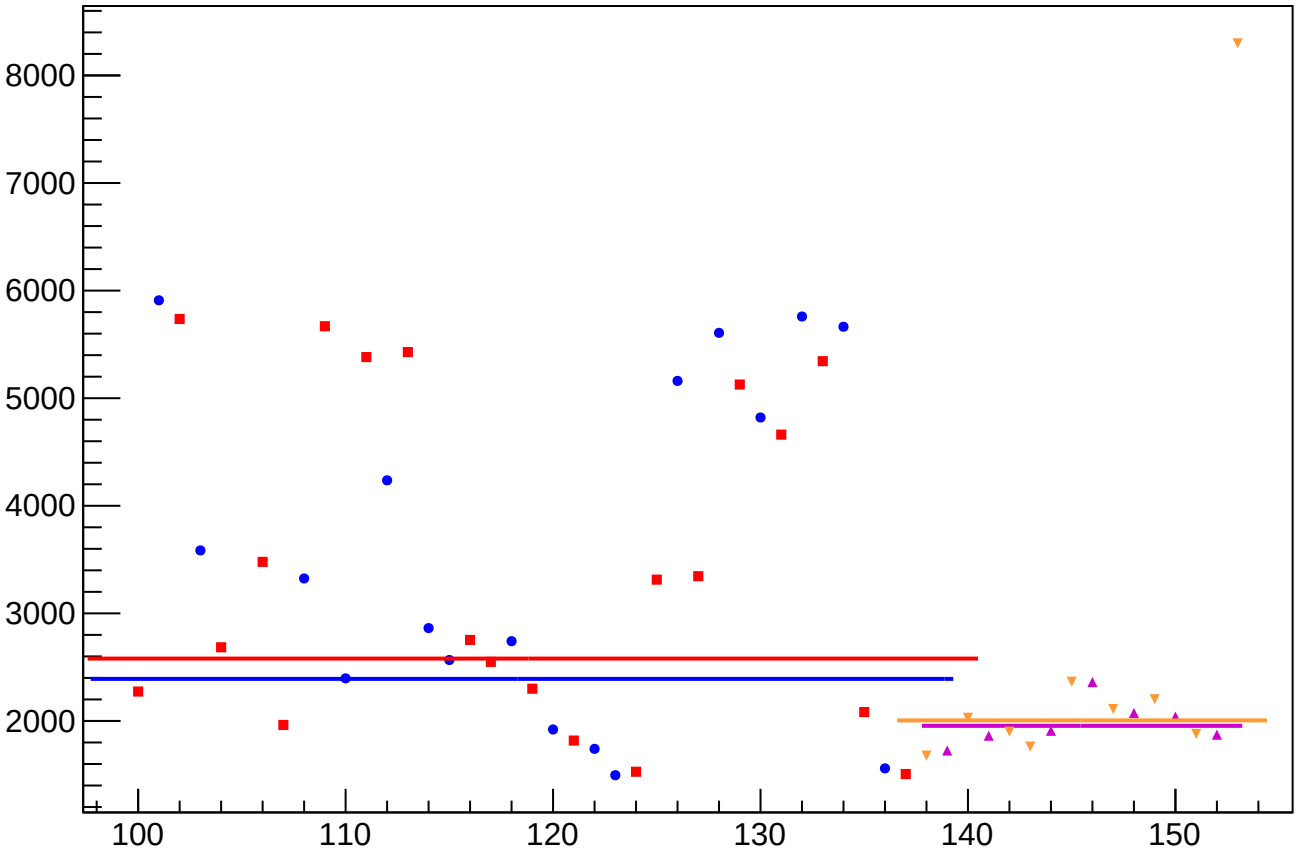
Left Out: 5.120+/-0.837 χ^2/NDF:43.9/8

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

Left In: 20.716+/-0.841 χ^2/NDF:76.6/6

3.591+/-0.658 χ^2/NDF: 542.4/25

15.088+/-0.665 χ^2/NDF: 652.2/26



Right In: 2391.162+/-0.754 χ^2/NDF: 2600547.2/16

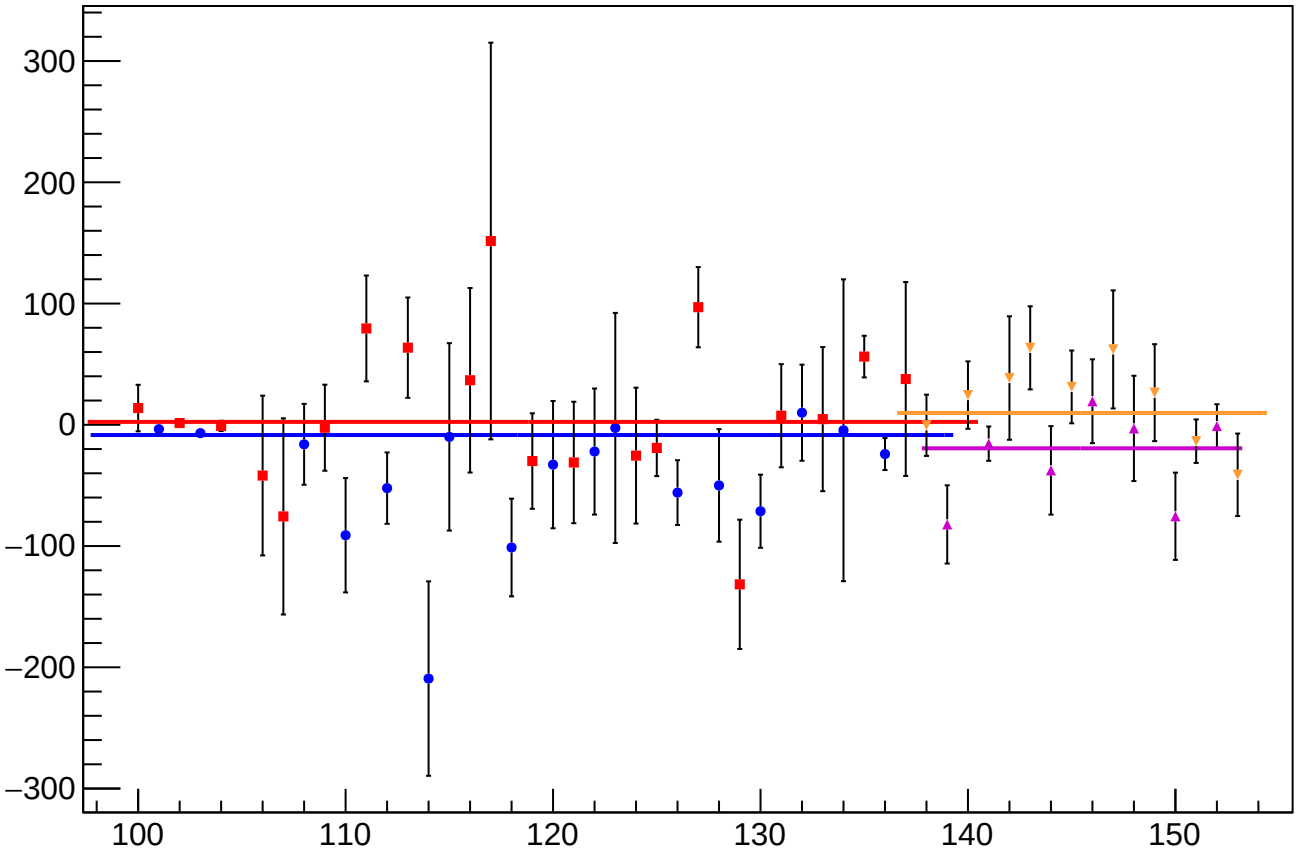
Left Out: 2005.320+/-0.592 χ^2/NDF:998936.7/8

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

Left In: 1954.858+/-0.595 χ^2/NDF:81715.3/6

2152.299+/-0.465 χ^2/NDF: 3761552.3/25

2188.928+/-0.470 χ^2/NDF: 2860611.3/26



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

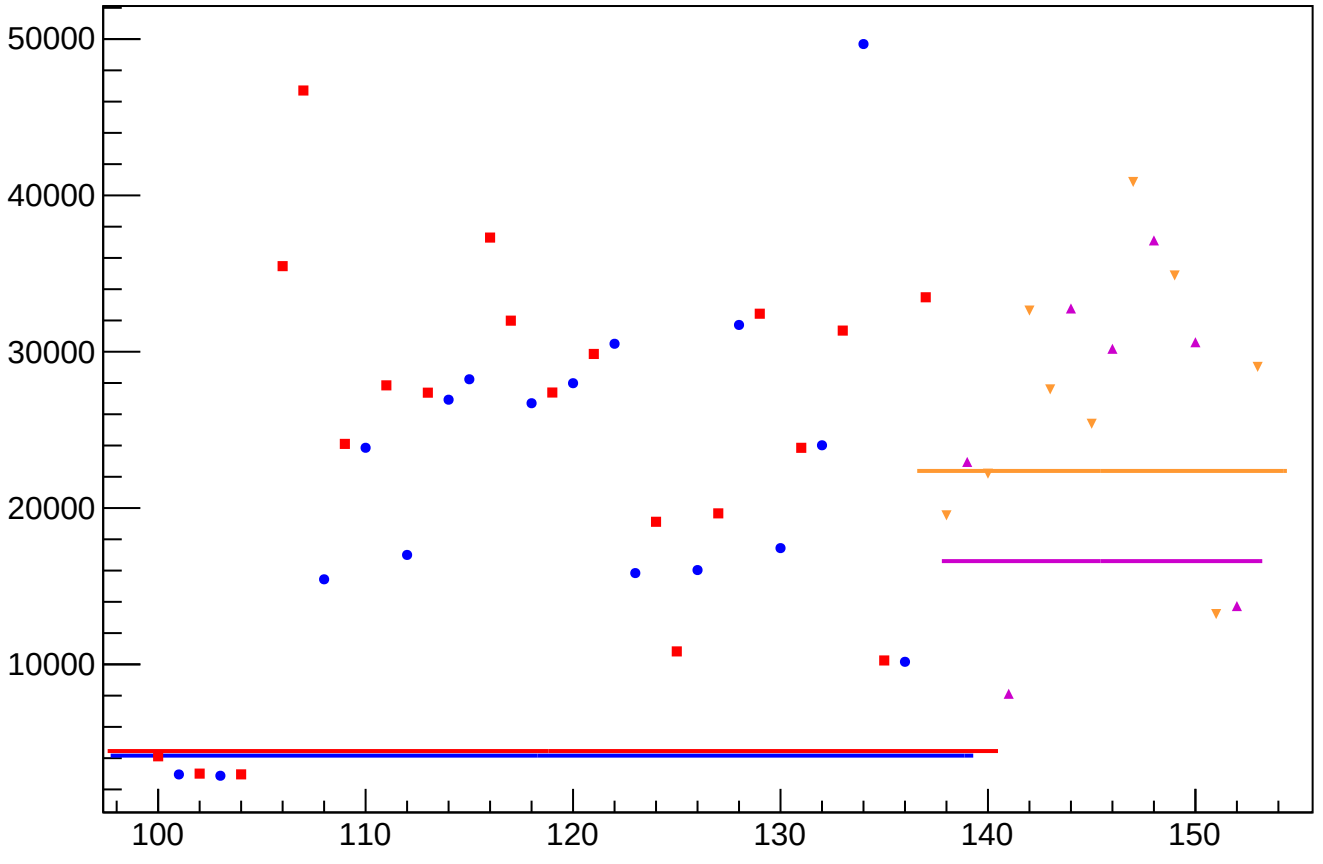
Left Out: 9.761+/-9.890 χ^2/NDF:9.0/8

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

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

-7.265+/-2.503 χ^2/NDF: 41.1/25

0.543+/-2.666 χ^2/NDF: 49.7/26



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

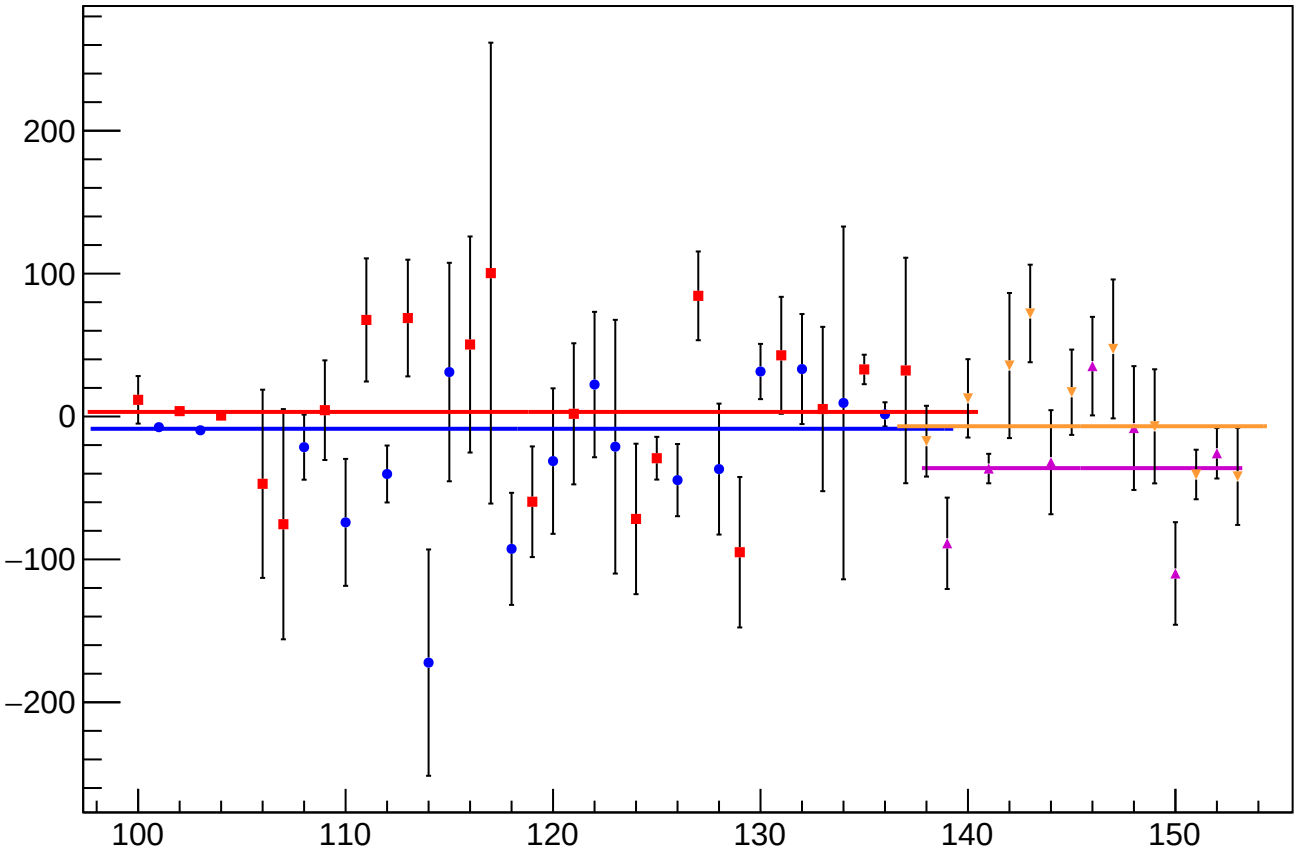
Left Out: 22374.163+/-6.993 χ^2/NDF:1254439.5/8

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

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

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

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



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

Left Out: -6.818+/-9.726 χ^2/NDF:13.5/8

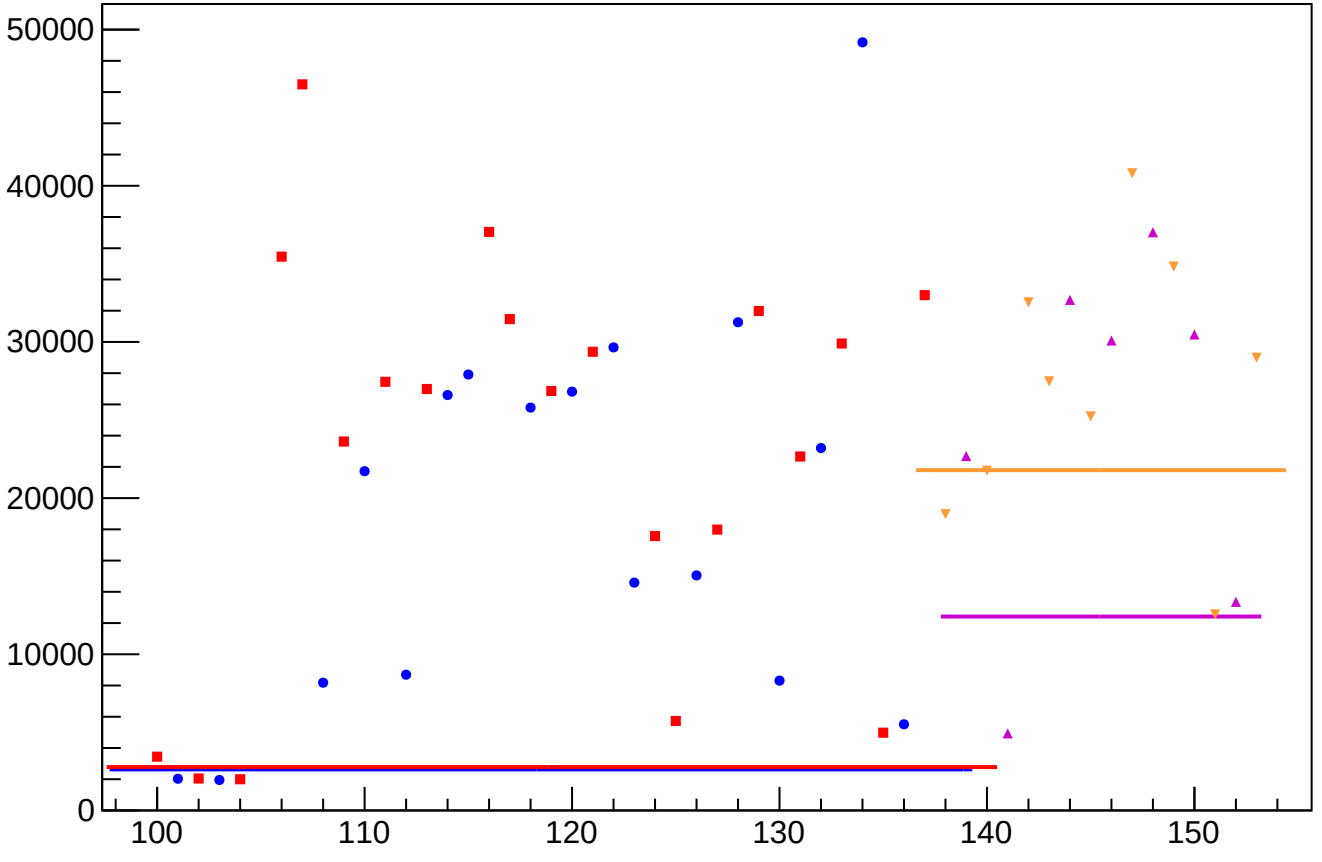
Right Out: 3.208+/-1.922 χ^2/NDF: 37.2/19

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

-8.529+/-1.749 χ^2/NDF: 37.9/25

0.948+/-1.866 χ^2/NDF: 73.3/26

diff_bpm0l03Y_rms vs Slug



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

Left Out: 21791.396+/-6.877 χ^2/NDF:1373483.8/8

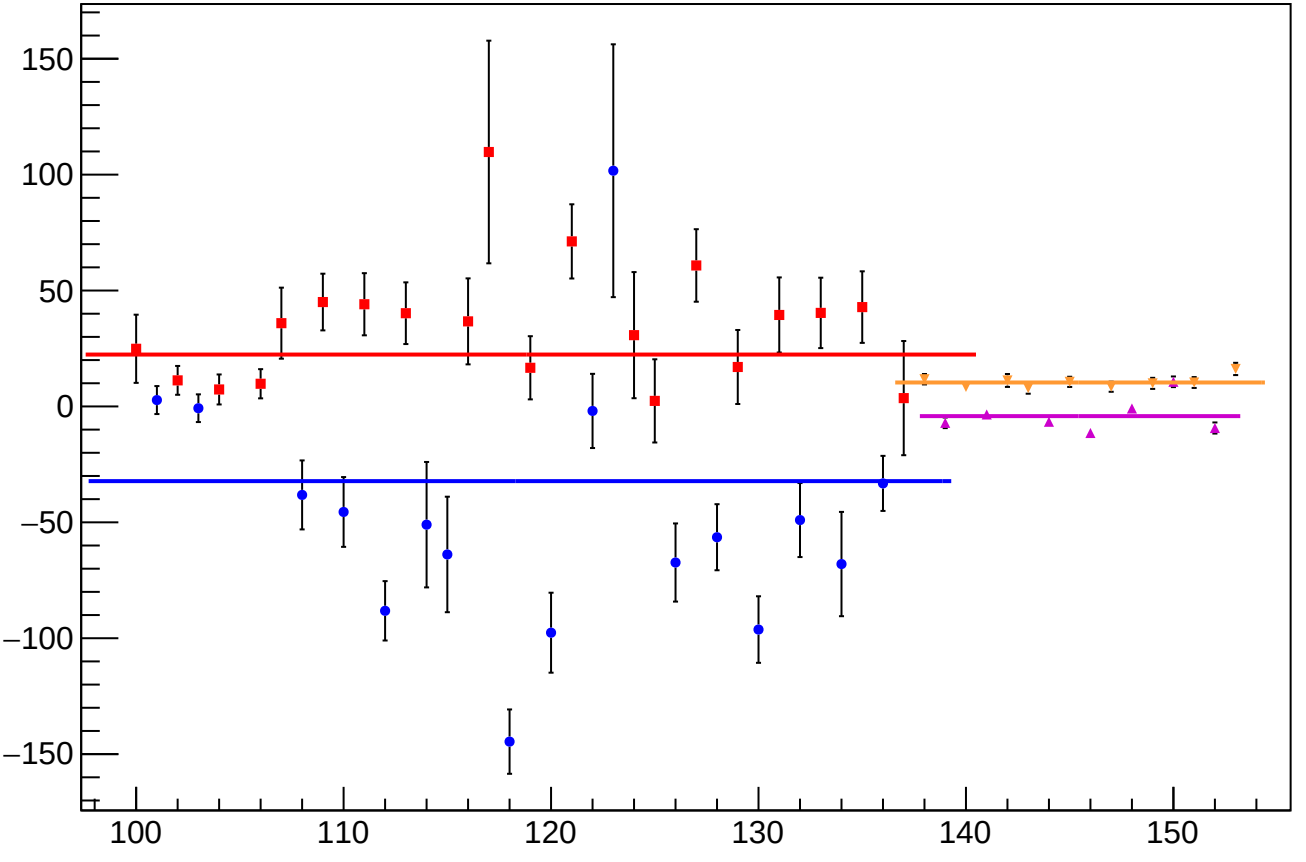
Right Out: 2777.521+/-1.359 χ^2/NDF: 7899165.0/19

Left In: 12417.843+/-5.506 χ^2/NDF:3562409.4/6

3249.994+/-1.237 χ^2/NDF: 14473617.2/25

3331.247+/-1.320 χ^2/NDF: 14351349.2/26

diff_bpm0l04X_mean vs Slug



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

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

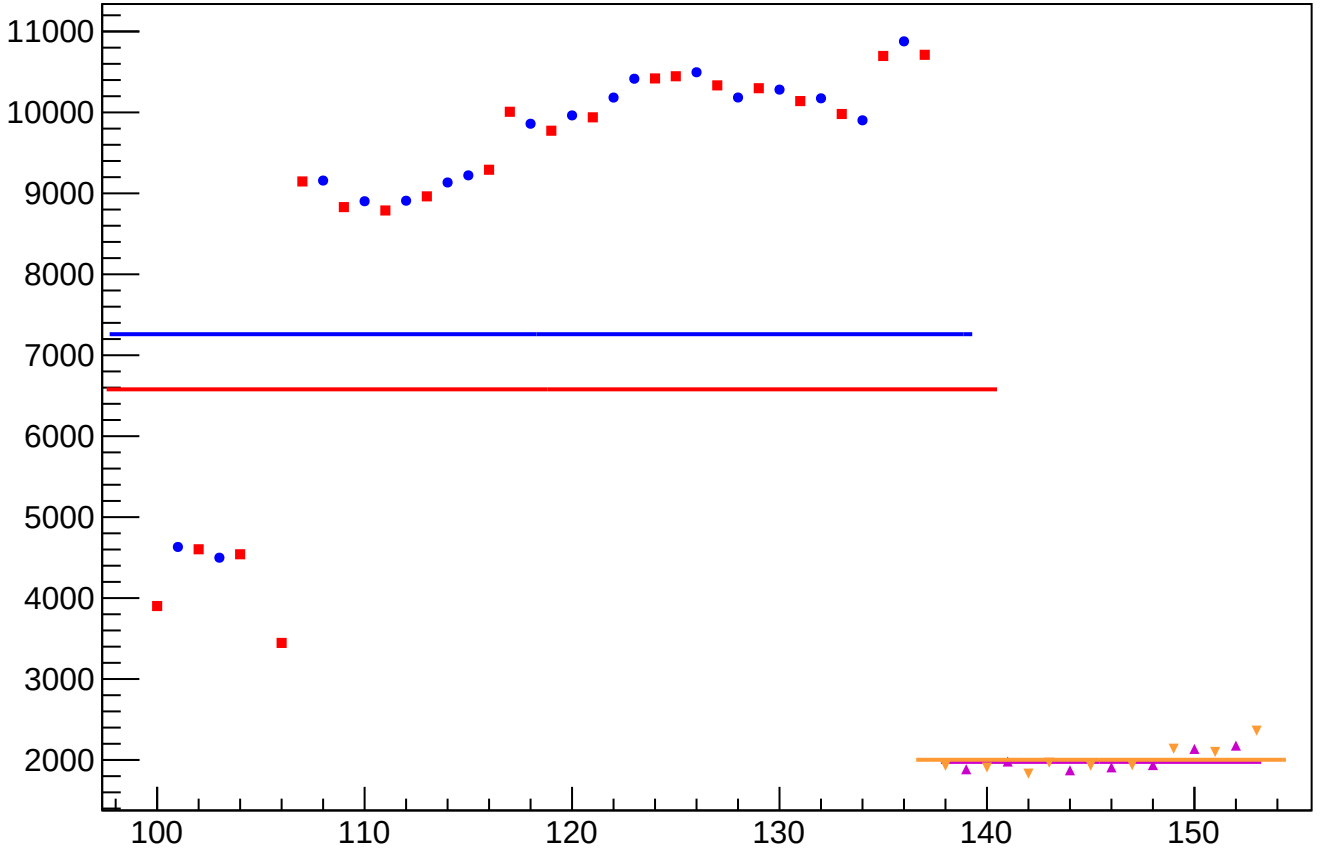
Right Out: 22.381+/-2.665 χ^2/NDF: 47.0/19

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

7.587+/-0.757 χ^2/NDF: 402.1/25

-1.835+/-0.792 χ^2/NDF: 201.0/26

diff_bpm0l04X_rms vs Slug



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

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

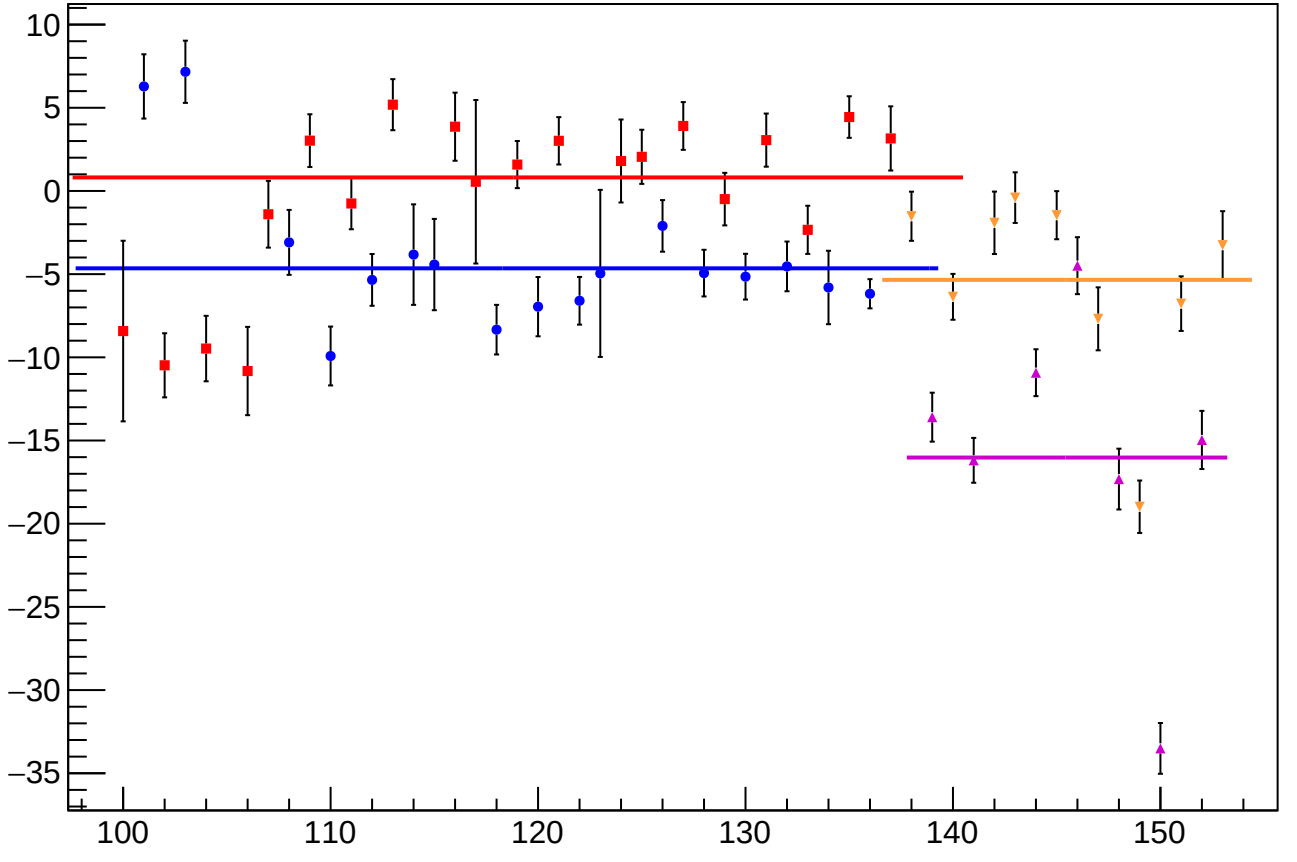
Right Out: 6578.773+/-1.885 χ^2/NDF: 2206772.9/19

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

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

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

diff_bpm0l04Y_mean vs Slug



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

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

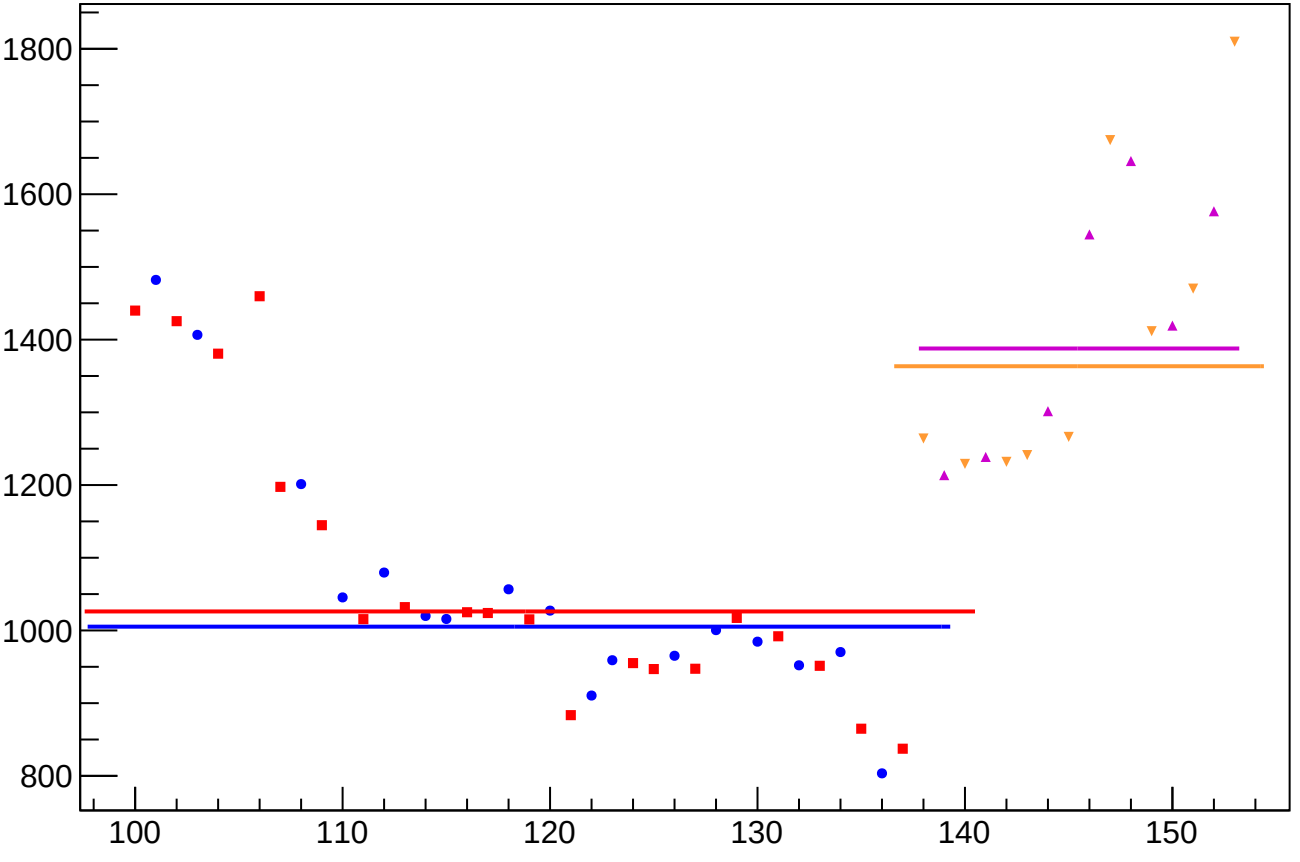
Right Out: 0.813+/-0.387 χ^2/NDF: 123.7/19

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

-4.892+/-0.317 χ^2/NDF: 205.3/25

-4.307+/-0.323 χ^2/NDF: 891.5/26

diff_bpm0l04Y_rms vs Slug



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

Left Out: 1363.410+/-0.379 χ^2/NDF:219618.4/8

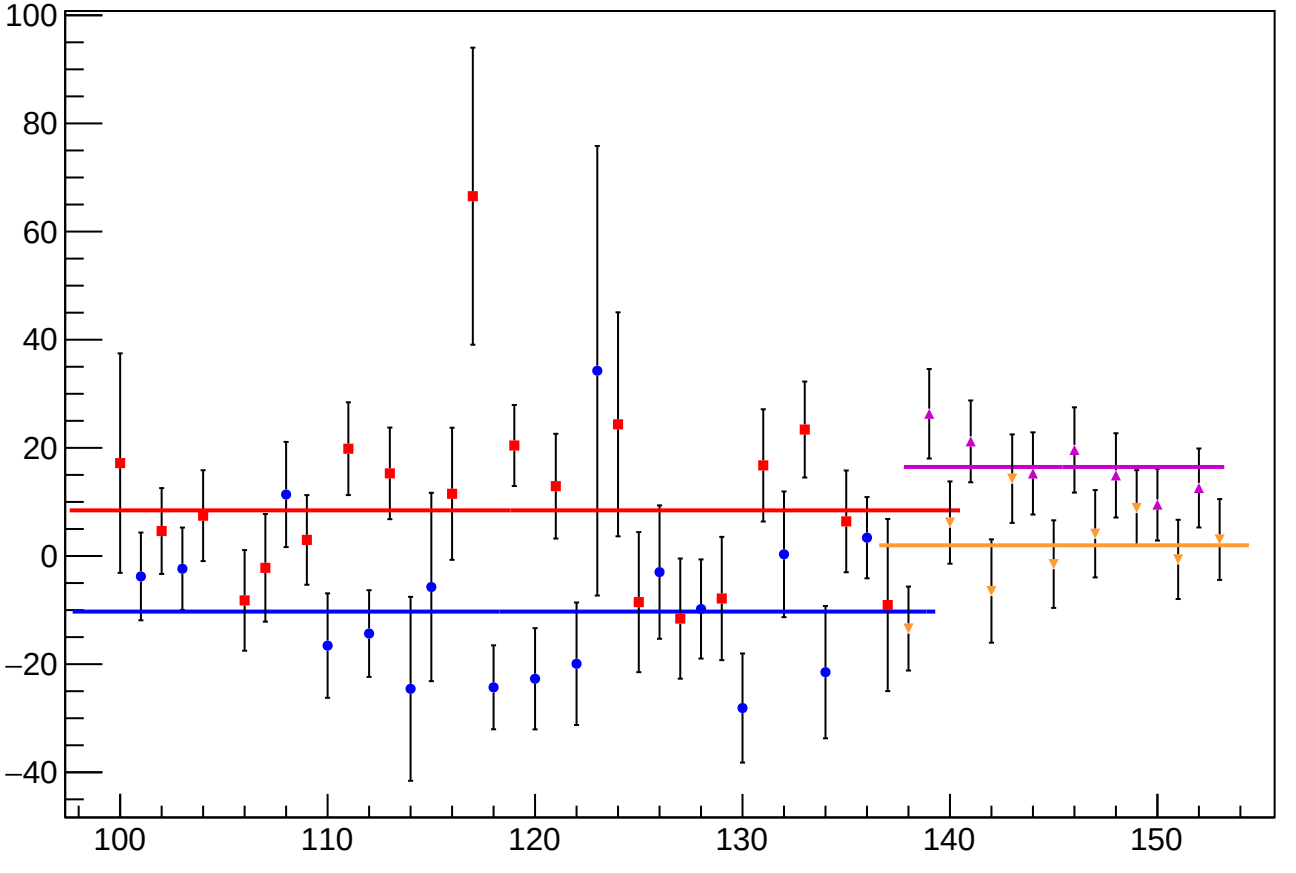
Right Out: 1026.145+/-0.274 χ^2/NDF: 333119.4/19

Left In: 1387.804+/-0.414 χ^2/NDF:140769.5/6

1130.108+/-0.224 χ^2/NDF: 1161898.5/25

1136.116+/-0.228 χ^2/NDF: 1004198.1/26

diff_bpm0l05X_mean vs Slug



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

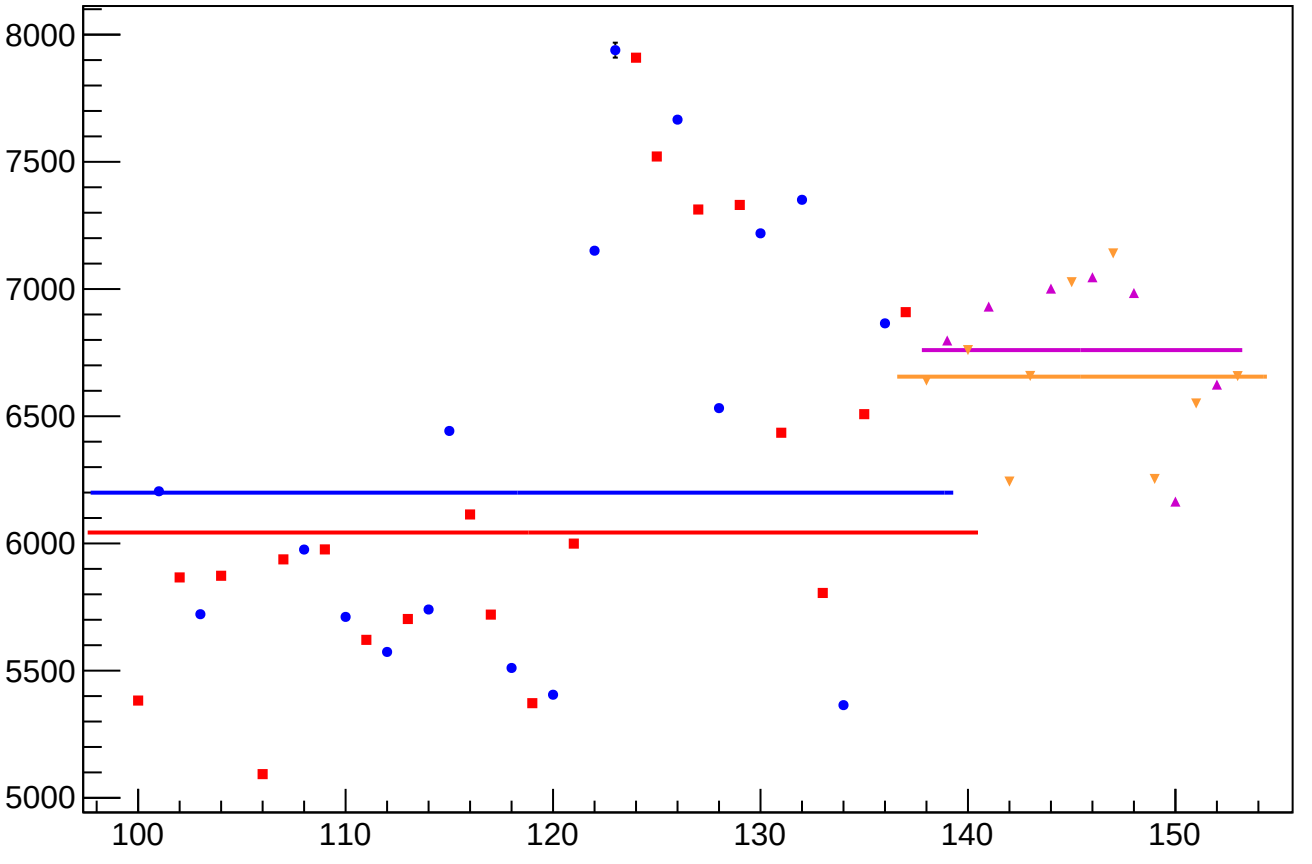
Left Out: 1.983+/-2.606 χ^2/NDF:8.7/8

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

Left In: 16.467+/-2.847 χ^2/NDF:3.4/6

-4.631+/-1.768 χ^2/NDF: 44.1/25

11.561+/-1.775 χ^2/NDF: 35.5/26



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

Left Out: 6655.637+/-1.843 χ^2/NDF:22526.9/8

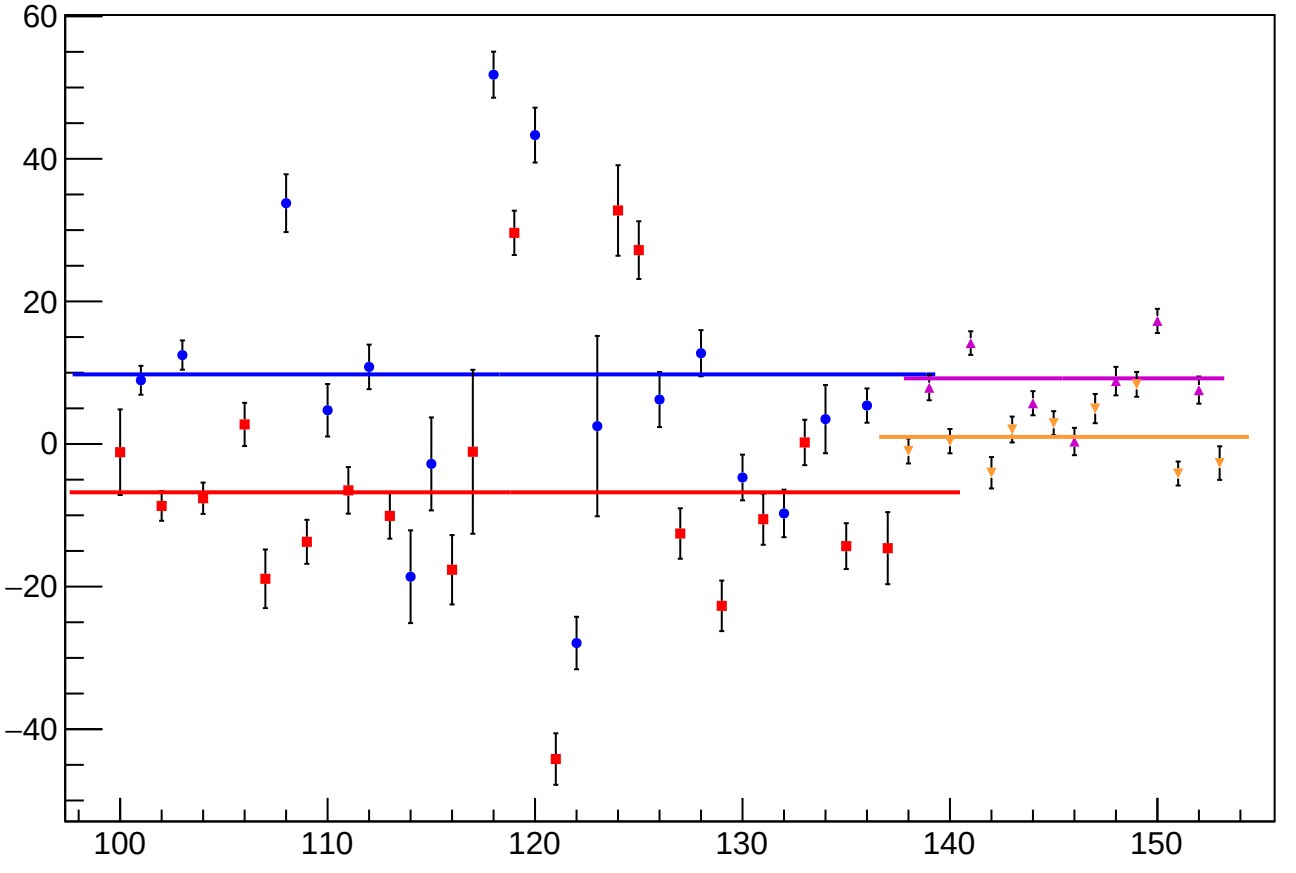
Right Out: 6042.952+/-1.606 χ^2/NDF: 158600.9/19

Left In: 6759.992+/-2.013 χ^2/NDF:24141.3/6

6409.639+/-1.250 χ^2/NDF: 227326.7/25

6321.690+/-1.255 χ^2/NDF: 260274.2/26

diff_bpm0l05Y_mean vs Slug



Right In: 9.764+/-0.797 χ^2/NDF: 473.8/16

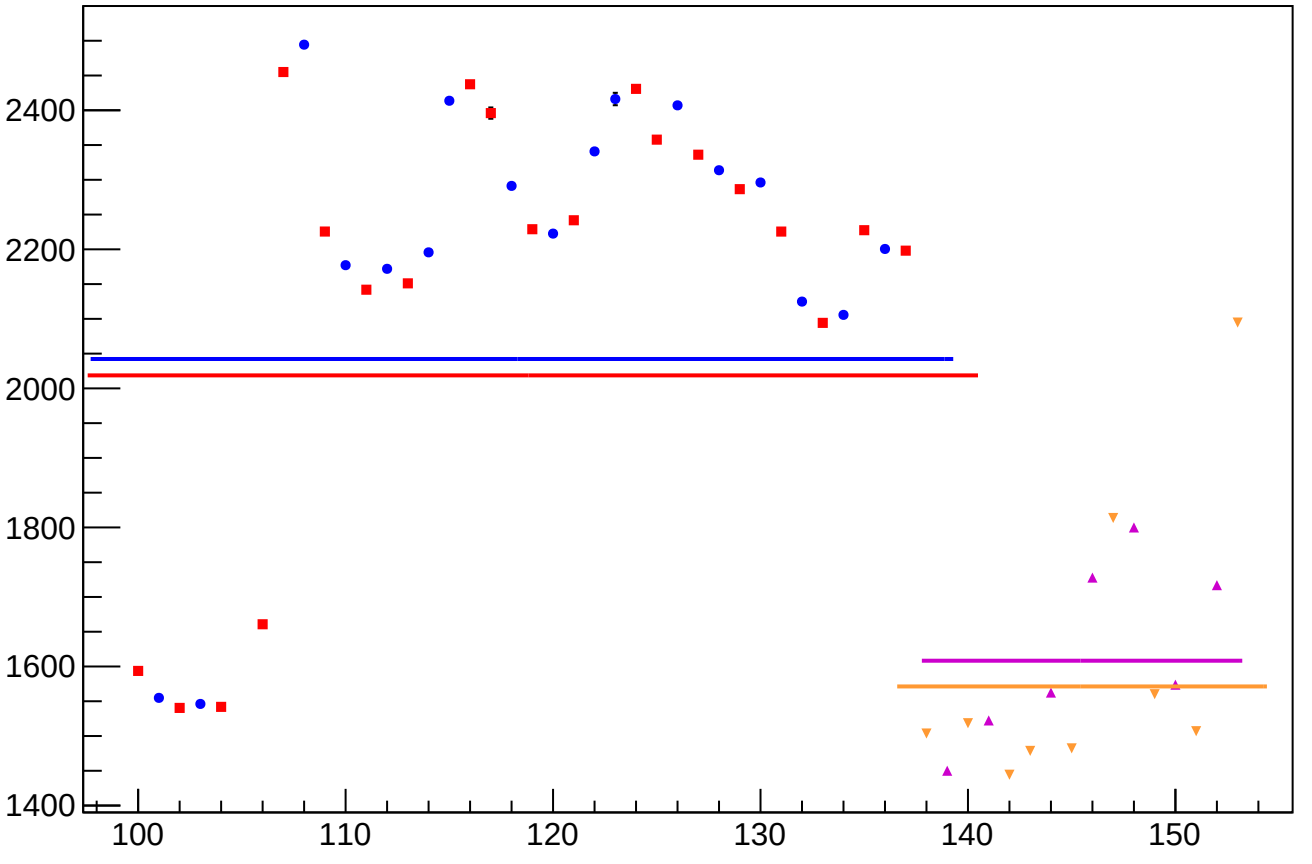
Left Out: 0.997+/-0.617 χ^2/NDF:41.7/8

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

Left In: 9.207+/-0.677 χ^2/NDF:58.5/6

4.281+/-0.488 χ^2/NDF: 591.1/25

2.168+/-0.506 χ^2/NDF: 726.0/26



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

Left Out: 1571.298+/-0.436 χ^2/NDF:152178.8/8

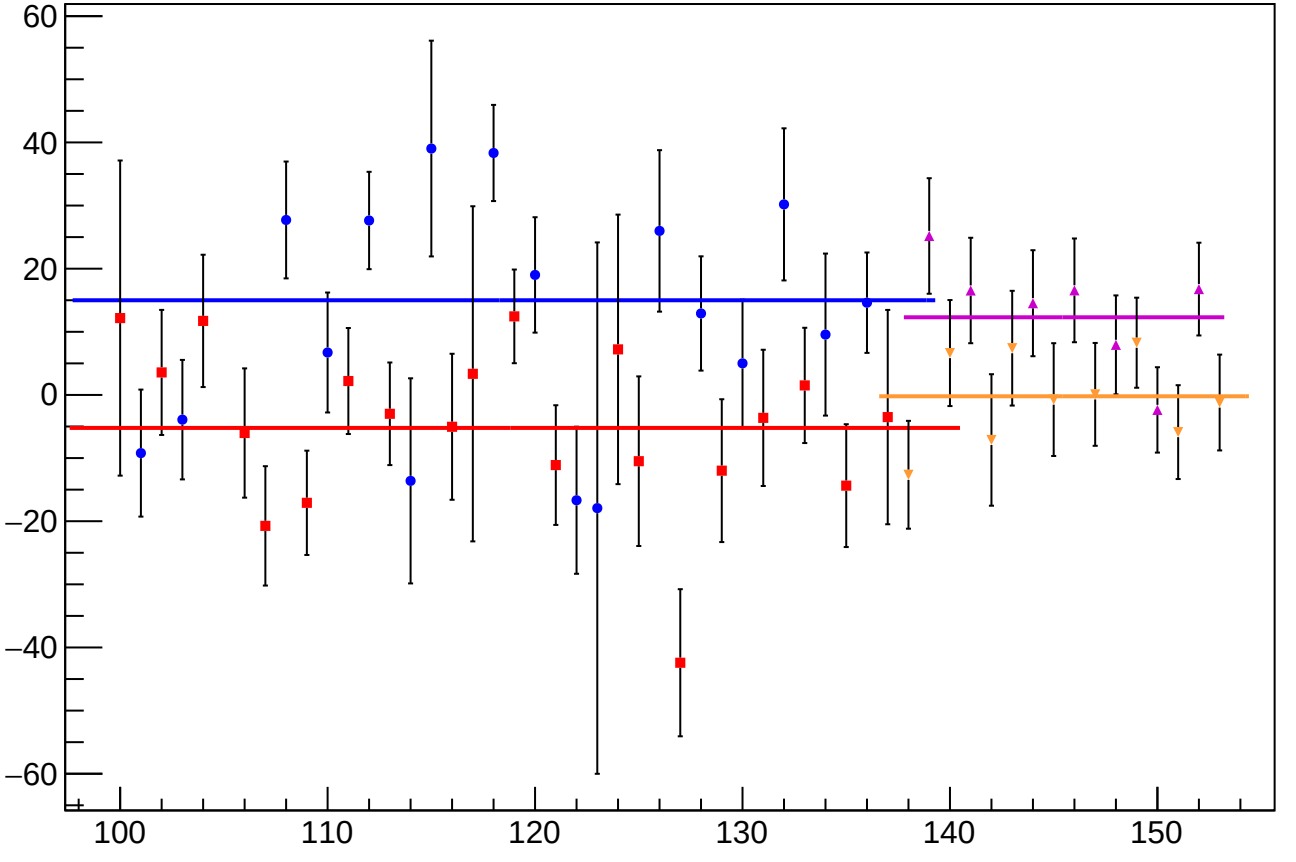
Right Out: 2018.694+/-0.540 χ^2/NDF: 377792.4/19

Left In: 1608.308+/-0.479 χ^2/NDF:56534.6/6

1747.689+/-0.345 χ^2/NDF: 945997.8/25

1789.042+/-0.358 χ^2/NDF: 758040.2/26

diff_bpm0l06X_mean vs Slug



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

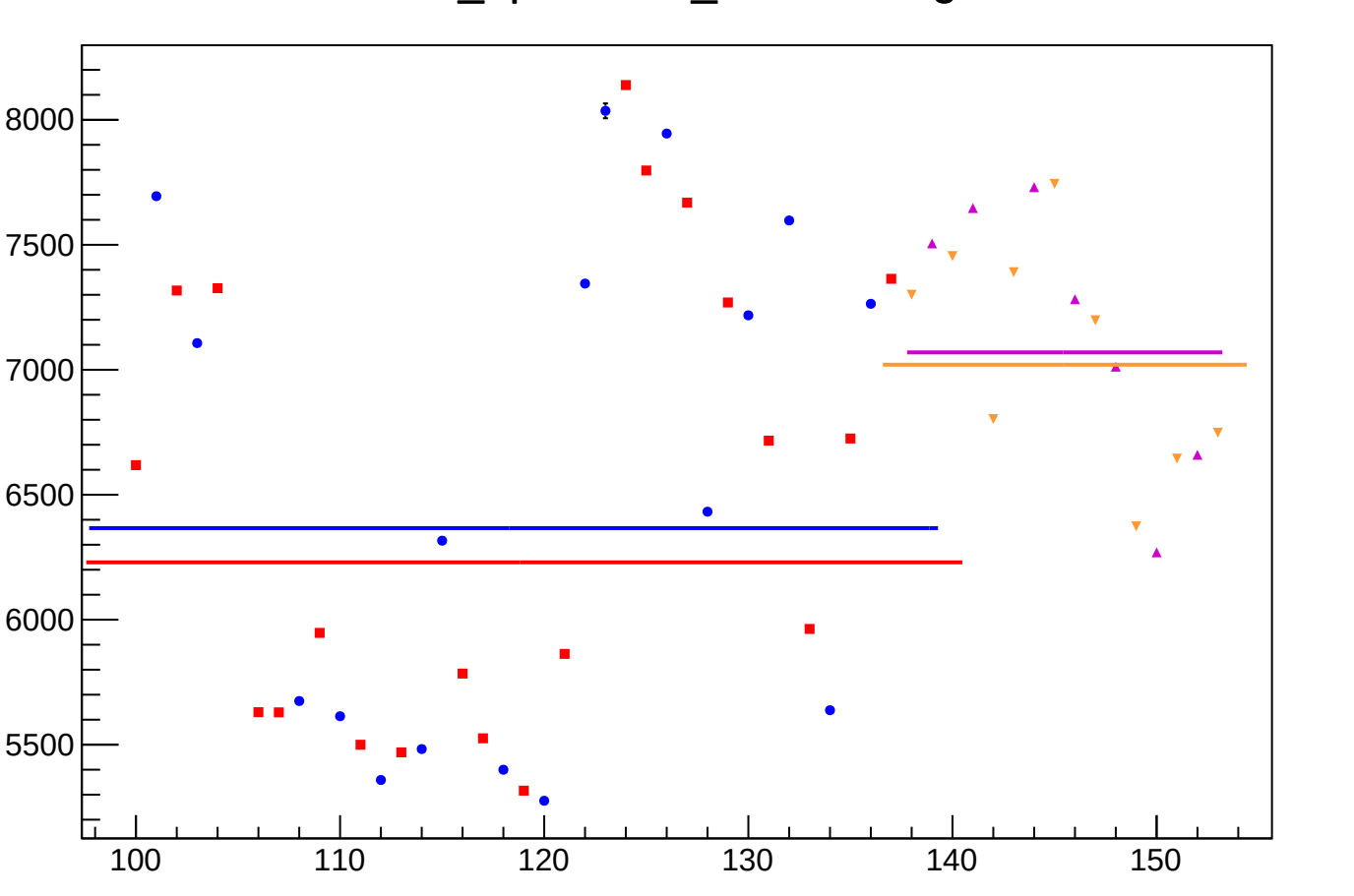
Left Out: -0.212+/-2.753 χ^2/NDF:5.9/8

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

Left In: 12.301+/-2.988 χ^2/NDF:8.0/6

8.168+/-1.845 χ^2/NDF: 64.1/25

1.467+/-1.846 χ^2/NDF: 57.4/26



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

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

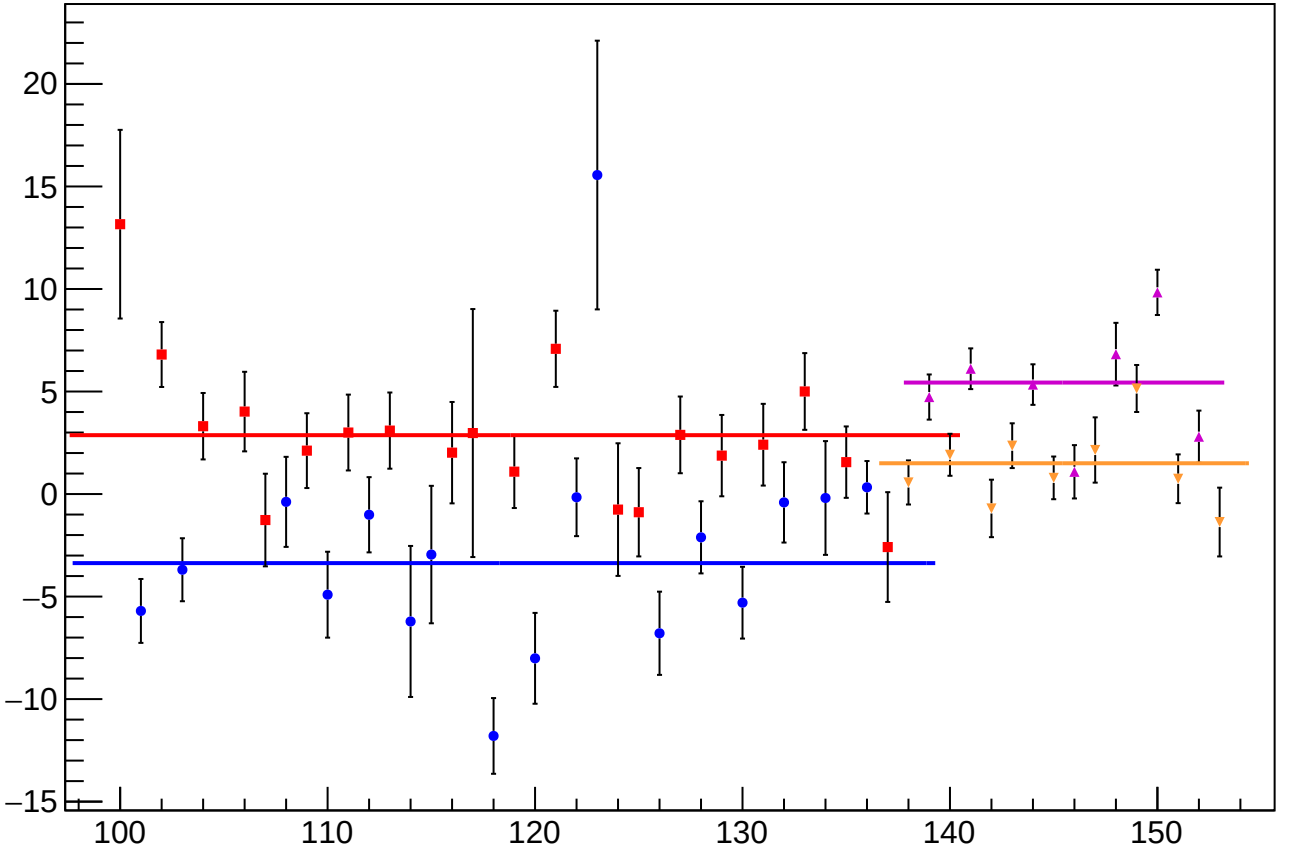
Right Out: 6229.625+/-1.660 χ^2/NDF: 244622.7/19

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

6660.051+/-1.304 χ^2/NDF: 398526.6/25

6550.263+/-1.306 χ^2/NDF: 404487.8/26

diff_bpm0l06Y_mean vs Slug



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

Left Out: 1.501+/-0.398 χ^2/NDF:18.1/8

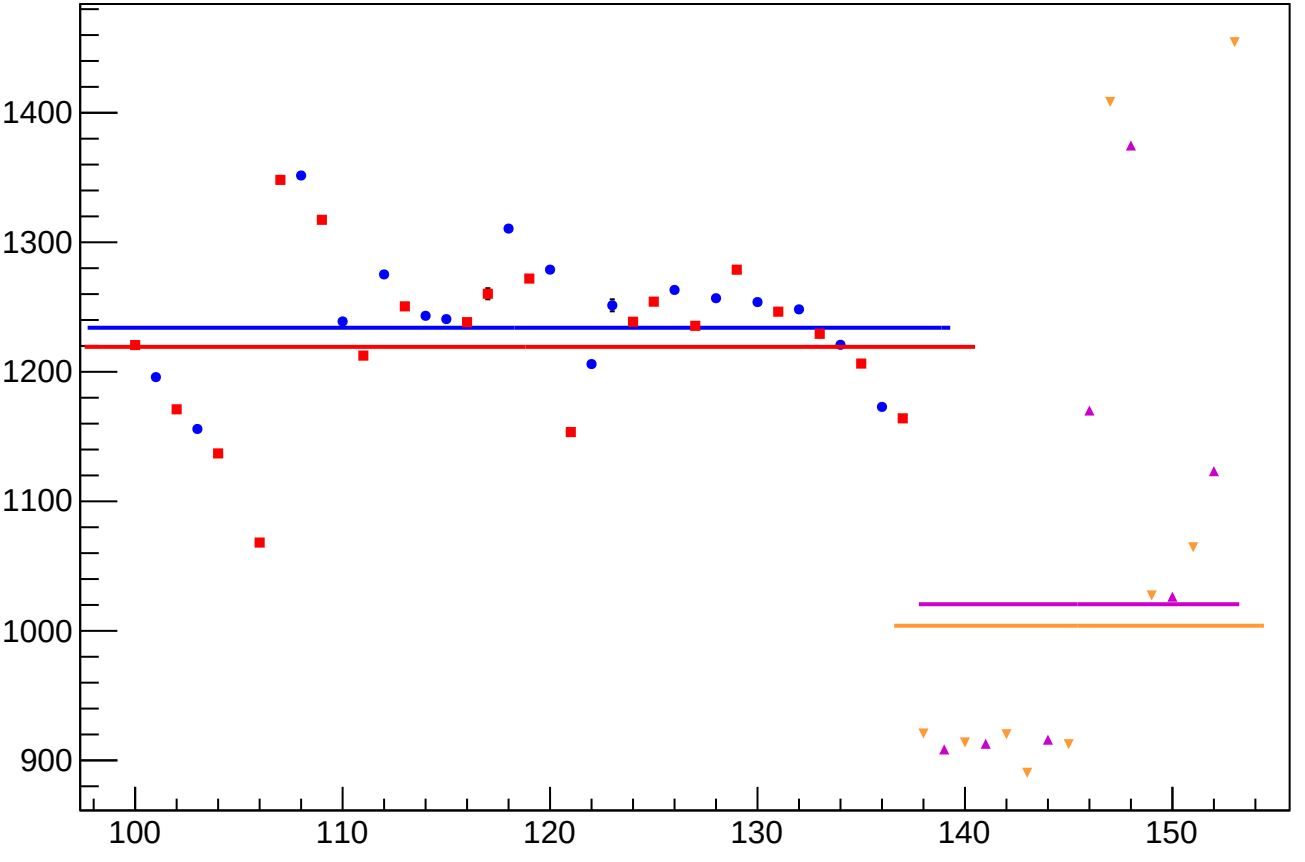
Right Out: 2.871+/-0.455 χ^2/NDF: 32.0/19

Left In: 5.437+/-0.434 χ^2/NDF:33.1/6

-0.506+/-0.305 χ^2/NDF: 139.6/25

4.216+/-0.314 χ^2/NDF: 81.8/26

diff_bpm0l06Y_rms vs Slug



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

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

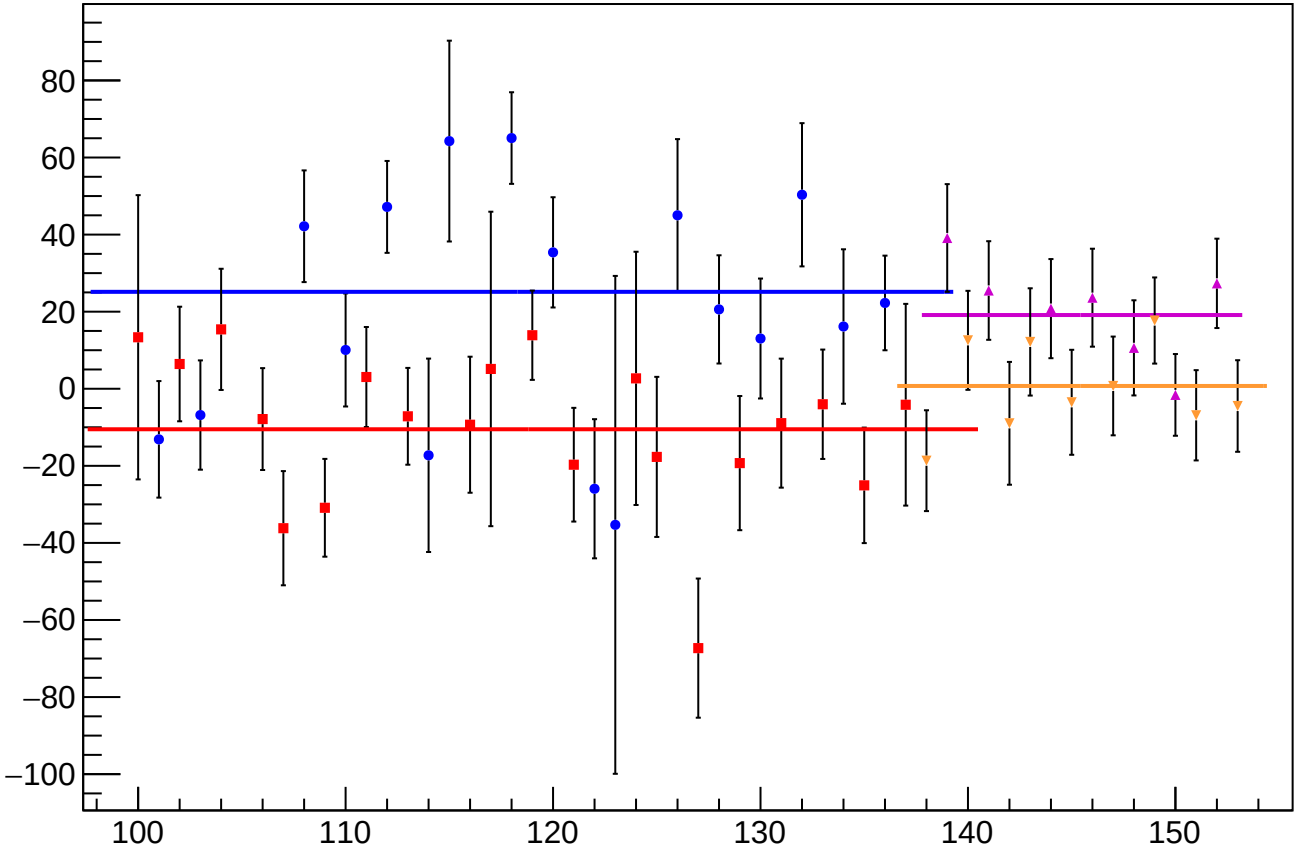
Right Out: 1219.275+/-0.322 χ^2/NDF: 40462.8/19

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

1098.784+/-0.216 χ^2/NDF: 649860.9/25

1115.097+/-0.222 χ^2/NDF: 454070.8/26

diff_bpm0l07X_mean vs Slug



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

Left Out: 0.725+/-4.269 χ^2/NDF:7.1/8

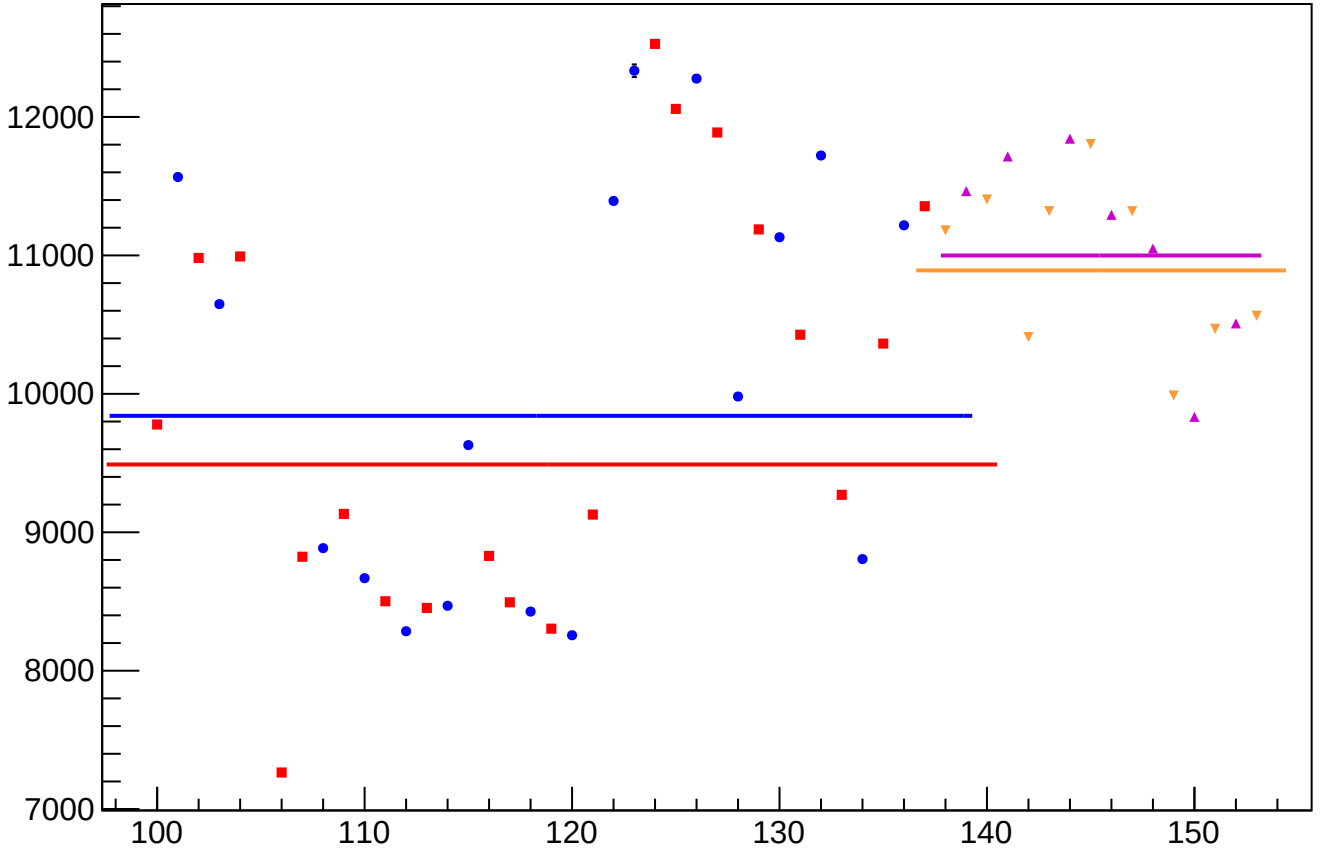
Right Out: -10.513+/-3.581 χ^2/NDF: 27.8/19

Left In: 19.129+/-4.644 χ^2/NDF:7.2/6

14.234+/-2.854 χ^2/NDF: 72.1/25

0.538+/-2.836 χ^2/NDF: 60.6/26

diff_bpm0l07X_rms vs Slug



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

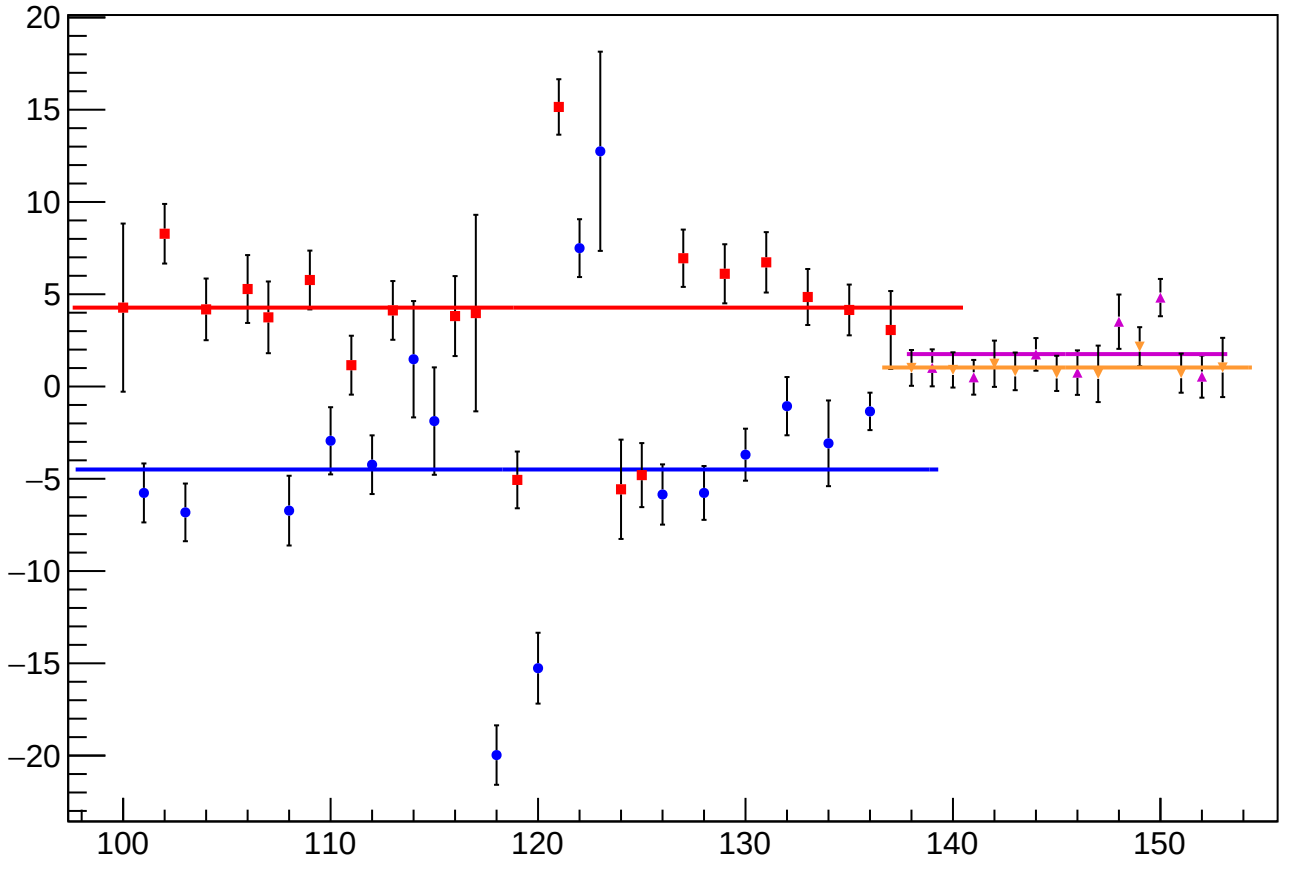
Left Out: 10891.799+/-3.019 χ^2/NDF:36257.9/8

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

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

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

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



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

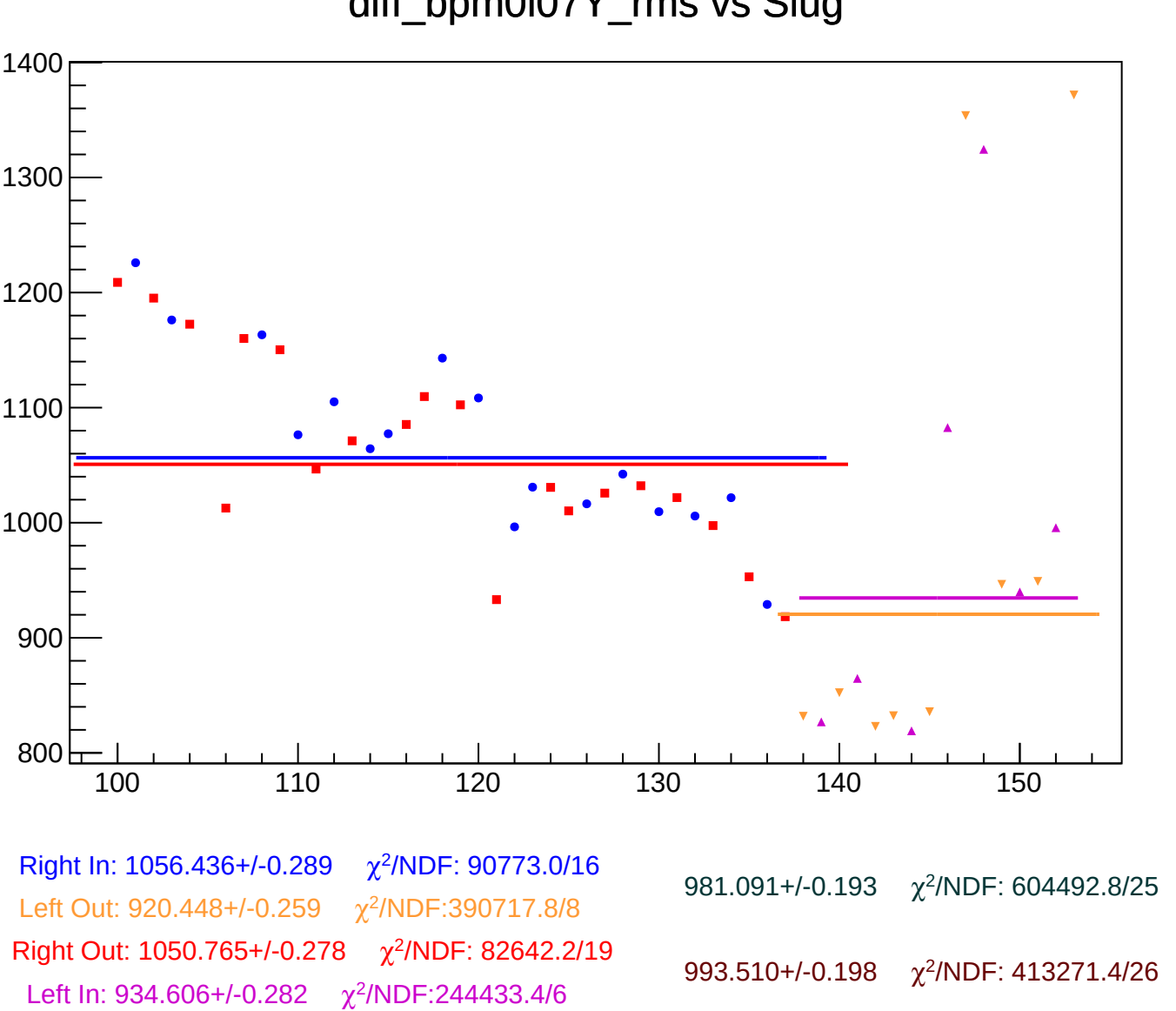
Left Out: 1.031+/-0.366 χ^2/NDF:1.5/8

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

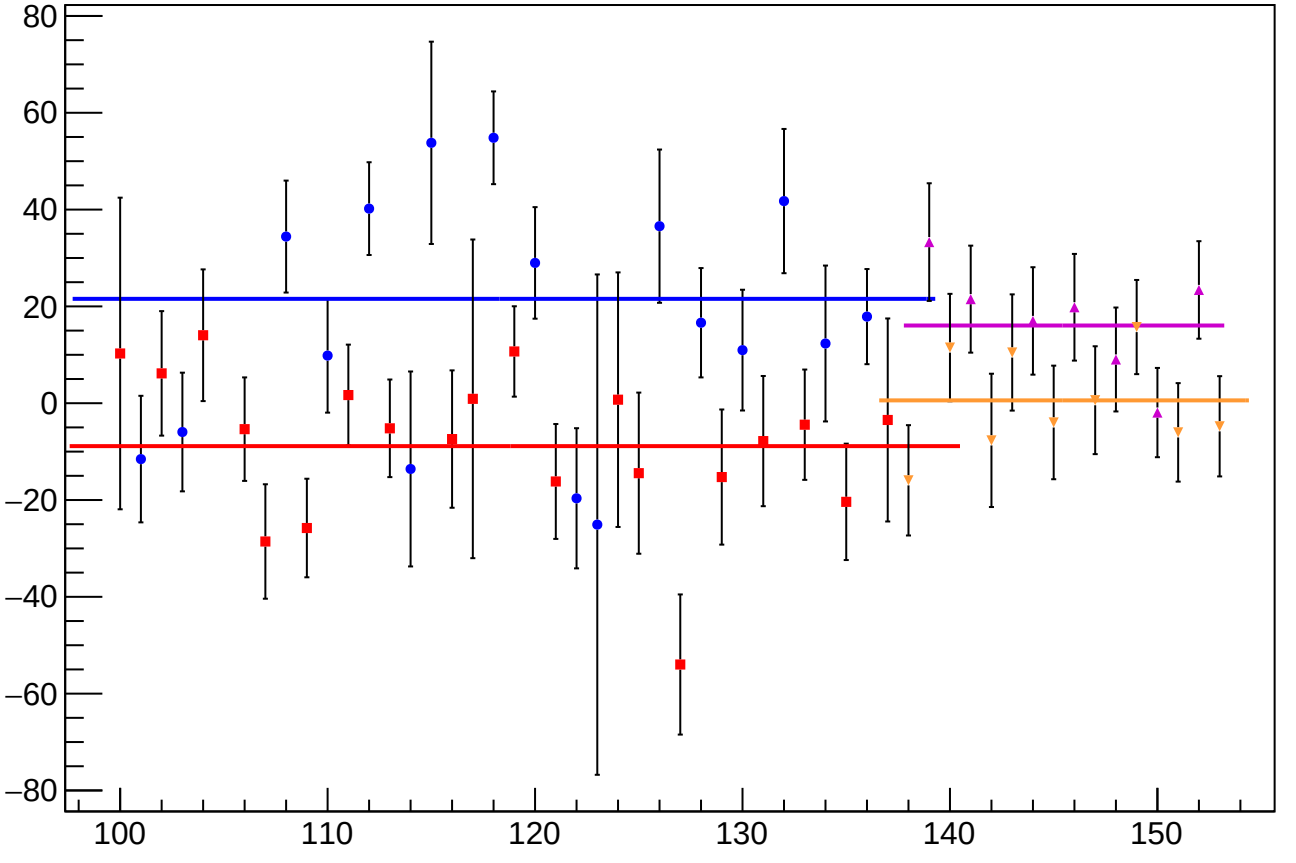
Left In: 1.757+/-0.398 χ^2/NDF:14.8/6

-1.434+/-0.273 χ^2/NDF: 321.5/25

3.034+/-0.280 χ^2/NDF: 183.3/26


diff_bpm0l07Y_rms vs Slug
1400
1300
1200
1100
1000
900
800
100
110
120
130
140
150
Right In: 1056.436+/-0.289 χ²/NDF: 90773.0/16
Left Out: 920.448+/-0.259 χ²/NDF:390717.8/8
Right Out: 1050.765+/-0.278 χ²/NDF: 82642.2/19
Left In: 934.606+/-0.282 χ²/NDF:244433.4/6
981.091+/-0.193 χ²/NDF: 604492.8/25
993.510+/-0.198 χ²/NDF: 413271.4/26

diff_bpm0l08X_mean vs Slug



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

Left Out: 0.584+/-3.704 χ^2/NDF:7.4/8

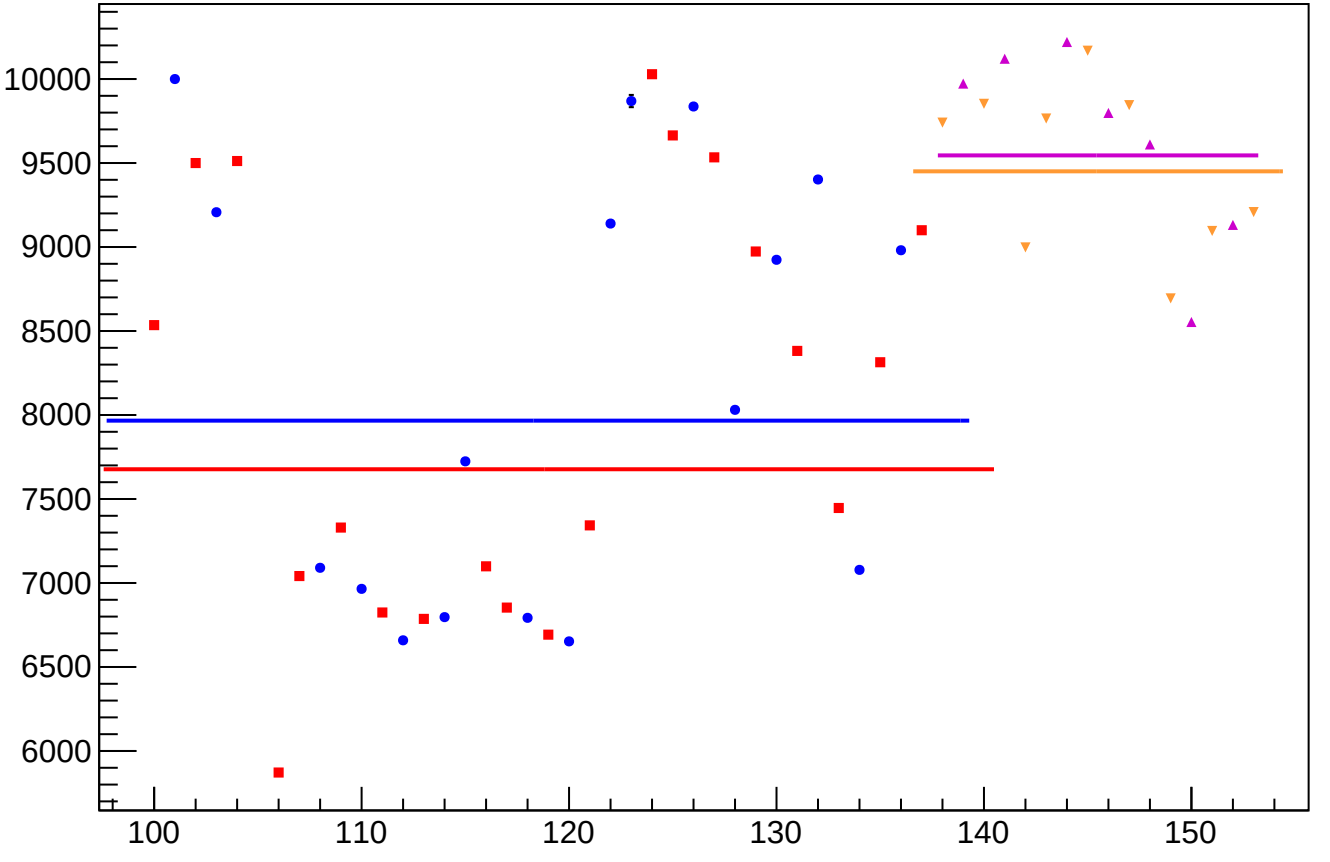
Right Out: -8.867+/-2.901 χ^2/NDF: 27.5/19

Left In: 16.052+/-4.029 χ^2/NDF:7.1/6

12.885+/-2.382 χ^2/NDF: 74.6/25

-0.361+/-2.354 χ^2/NDF: 59.9/26

diff_bpm0l08X_rms vs Slug



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

Left Out: 9450.473+/-2.619 χ^2/NDF:33065.4/8

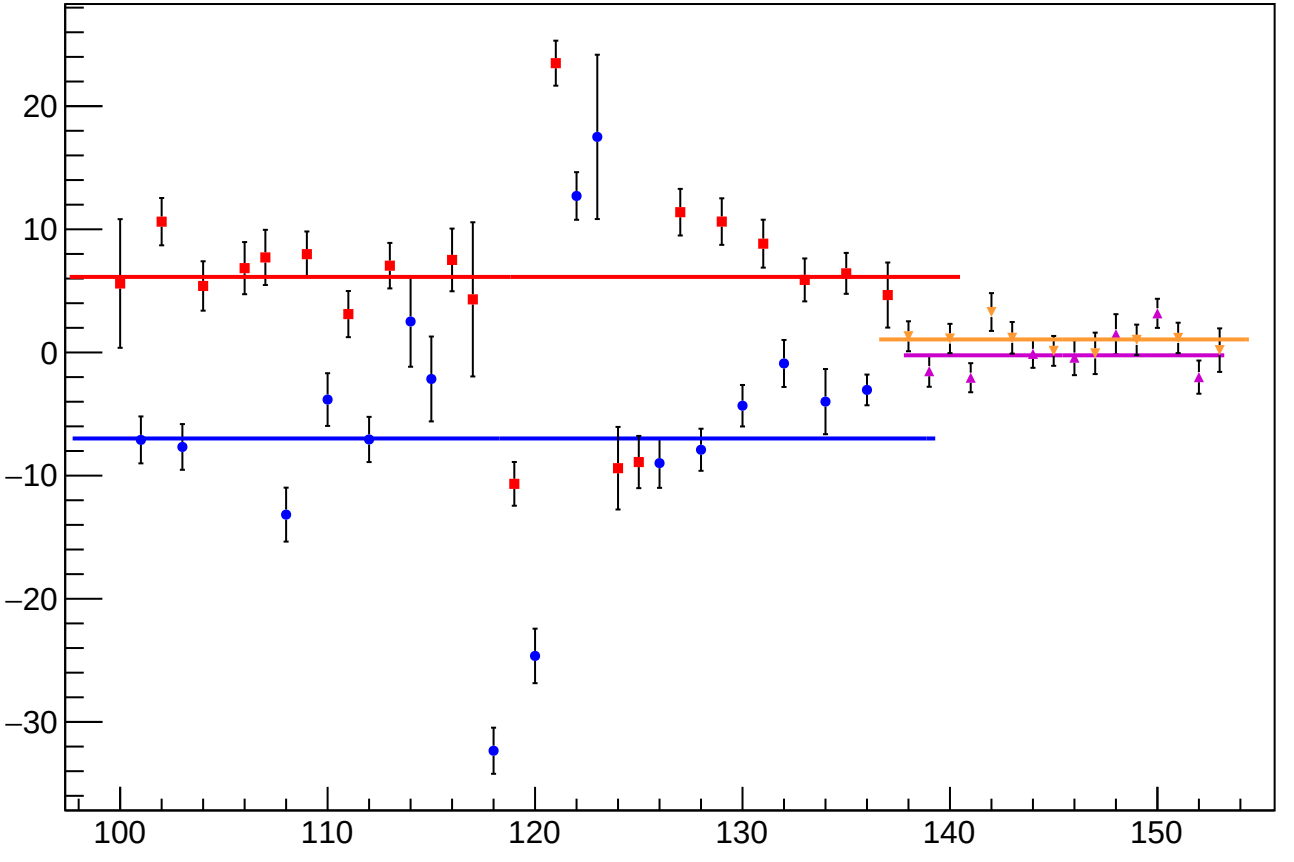
Right Out: 7677.035+/-2.051 χ^2/NDF: 316295.2/19

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

8580.202+/-1.684 χ^2/NDF: 517993.3/25

8314.727+/-1.665 χ^2/NDF: 642431.7/26

diff_bpm0l08Y_mean vs Slug



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

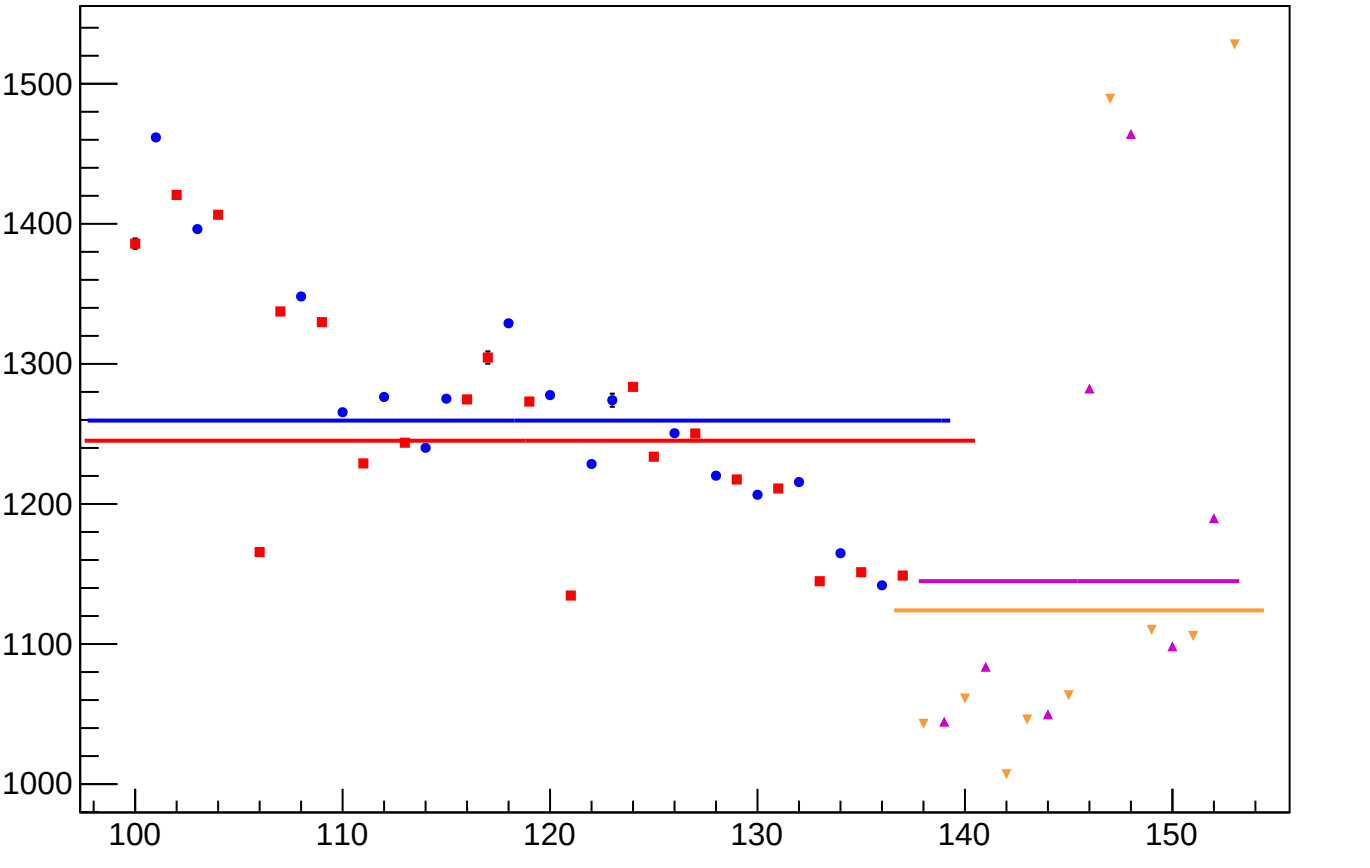
Left Out: 1.059+/-0.444 χ^2/NDF:3.5/8

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

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

-2.598+/-0.328 χ^2/NDF: 561.2/25

3.081+/-0.336 χ^2/NDF: 382.0/26



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

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

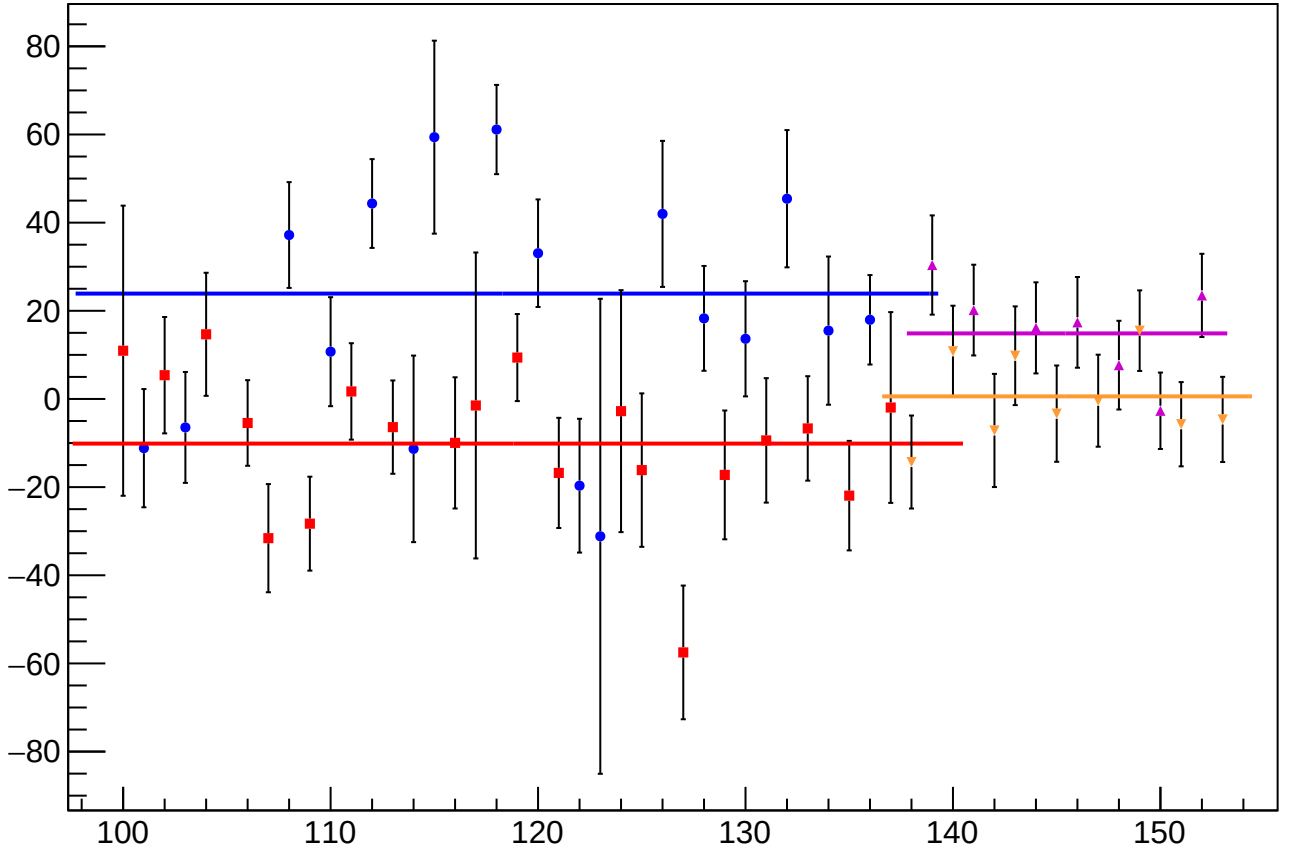
Right Out: 1245.167+/-0.329 χ^2/NDF: 67006.8/19

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

1185.625+/-0.232 χ^2/NDF: 387516.7/25

1197.056+/-0.237 χ^2/NDF: 244609.3/26

diff_bpm0l09X_mean vs Slug



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

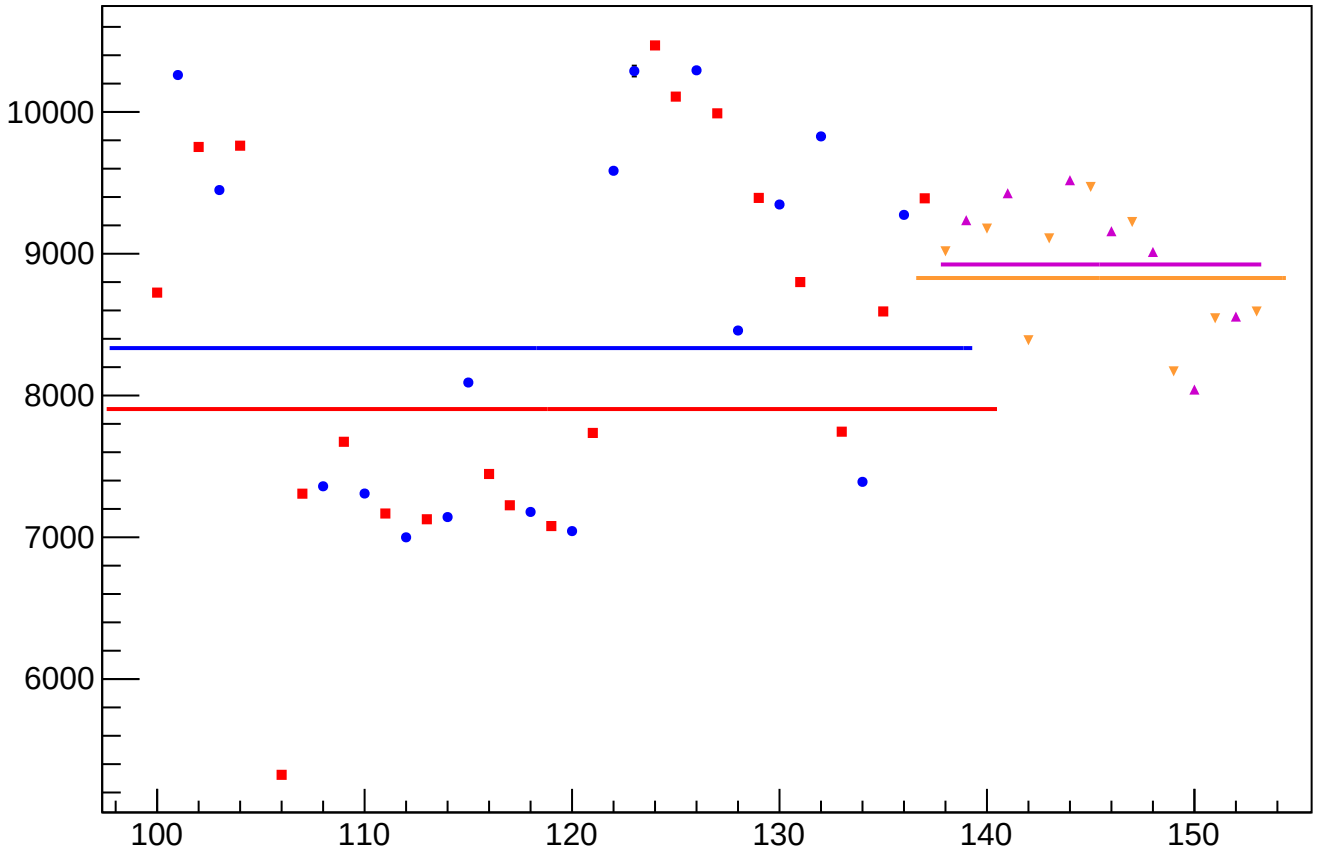
Left Out: 0.585+/-3.459 χ^2/NDF:7.5/8

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

Left In: 14.870+/-3.766 χ^2/NDF:7.7/6

12.969+/-2.369 χ^2/NDF: 84.1/25

-0.443+/-2.344 χ^2/NDF: 62.7/26



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

Left Out: 8828.838+/-2.446 χ^2/NDF:29611.0/8

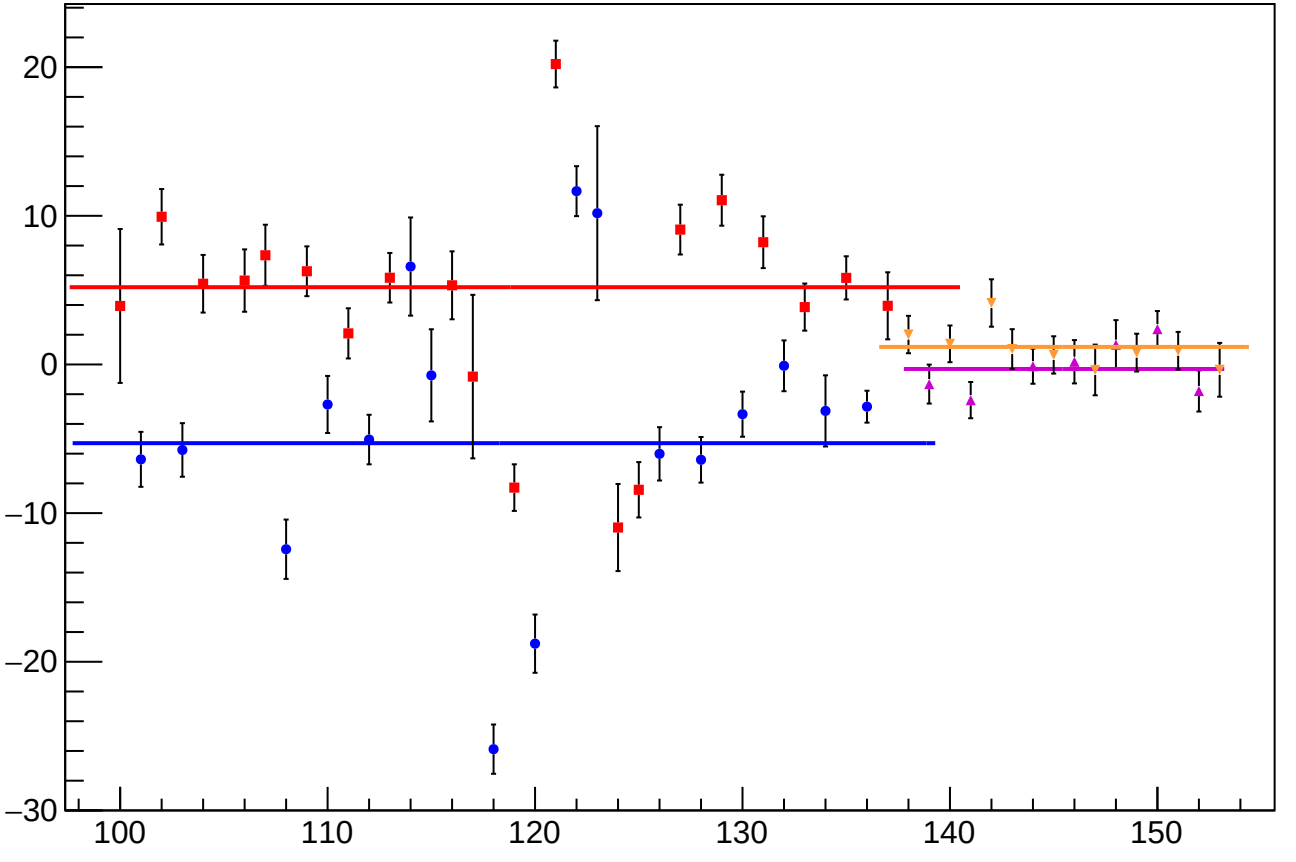
Right Out: 7904.529+/-2.117 χ^2/NDF: 391589.9/19

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

8566.314+/-1.675 χ^2/NDF: 323603.3/25

8299.533+/-1.657 χ^2/NDF: 519292.7/26

diff_bpm0l09Y_mean vs Slug



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

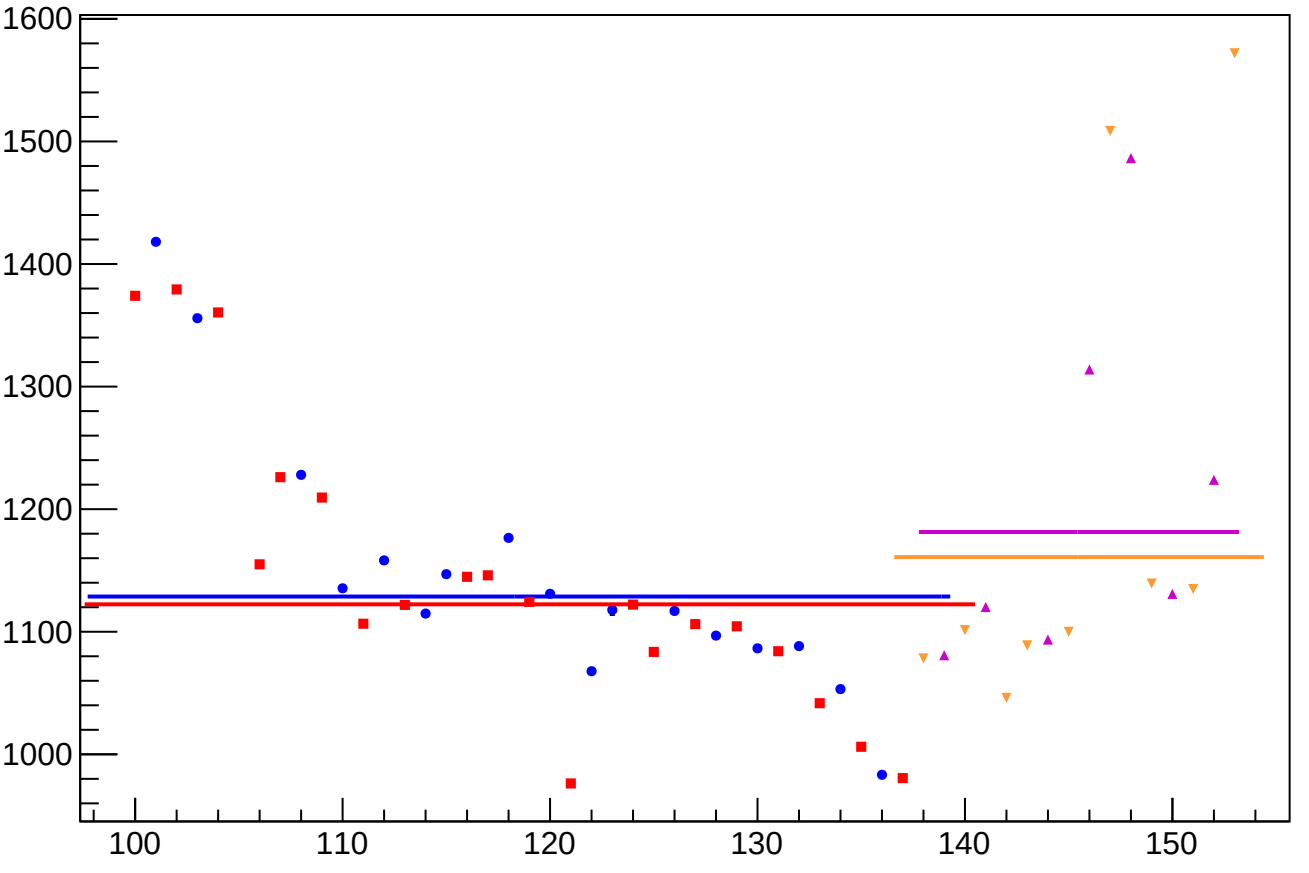
Left Out: 1.181+/-0.458 χ^2/NDF:5.8/8

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

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

-2.209+/-0.316 χ^2/NDF: 468.6/25

2.917+/-0.322 χ^2/NDF: 364.8/26



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

Left Out: 1160.904+/-0.324 χ^2/NDF:221989.9/8

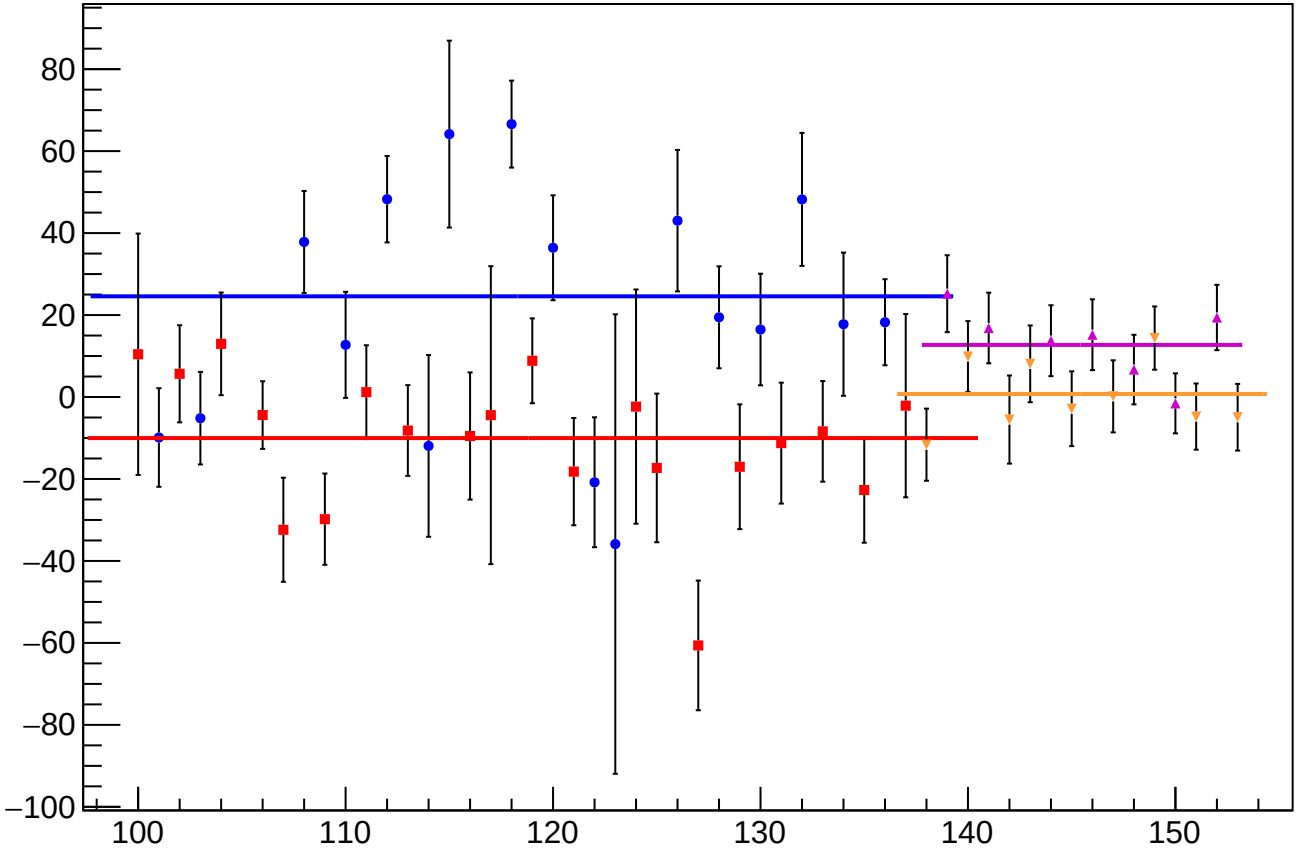
Right Out: 1122.377+/-0.297 χ^2/NDF: 129638.9/19

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

1144.064+/-0.224 χ^2/NDF: 360252.6/25

1146.847+/-0.227 χ^2/NDF: 264005.0/26

diff_bpm0l10X_mean vs Slug



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

Left Out: 0.741+/-2.905 χ^2/NDF:8.3/8

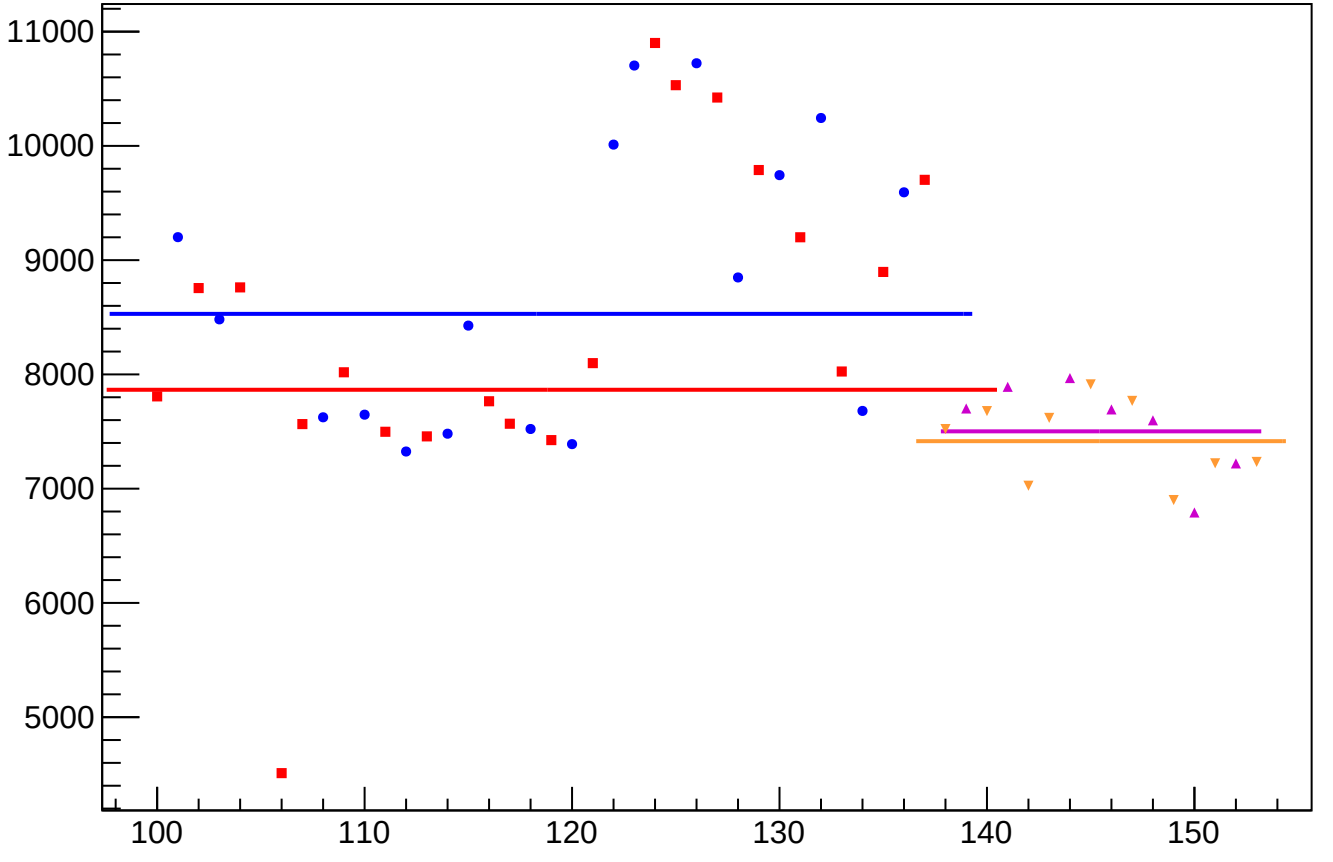
Right Out: -10.019+/-2.997 χ^2/NDF: 28.8/19

Left In: 12.714+/-3.164 χ^2/NDF:7.1/6

11.079+/-2.186 χ^2/NDF: 95.6/25

0.732+/-2.176 χ^2/NDF: 63.1/26

diff_bpm0l10X_rms vs Slug



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

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

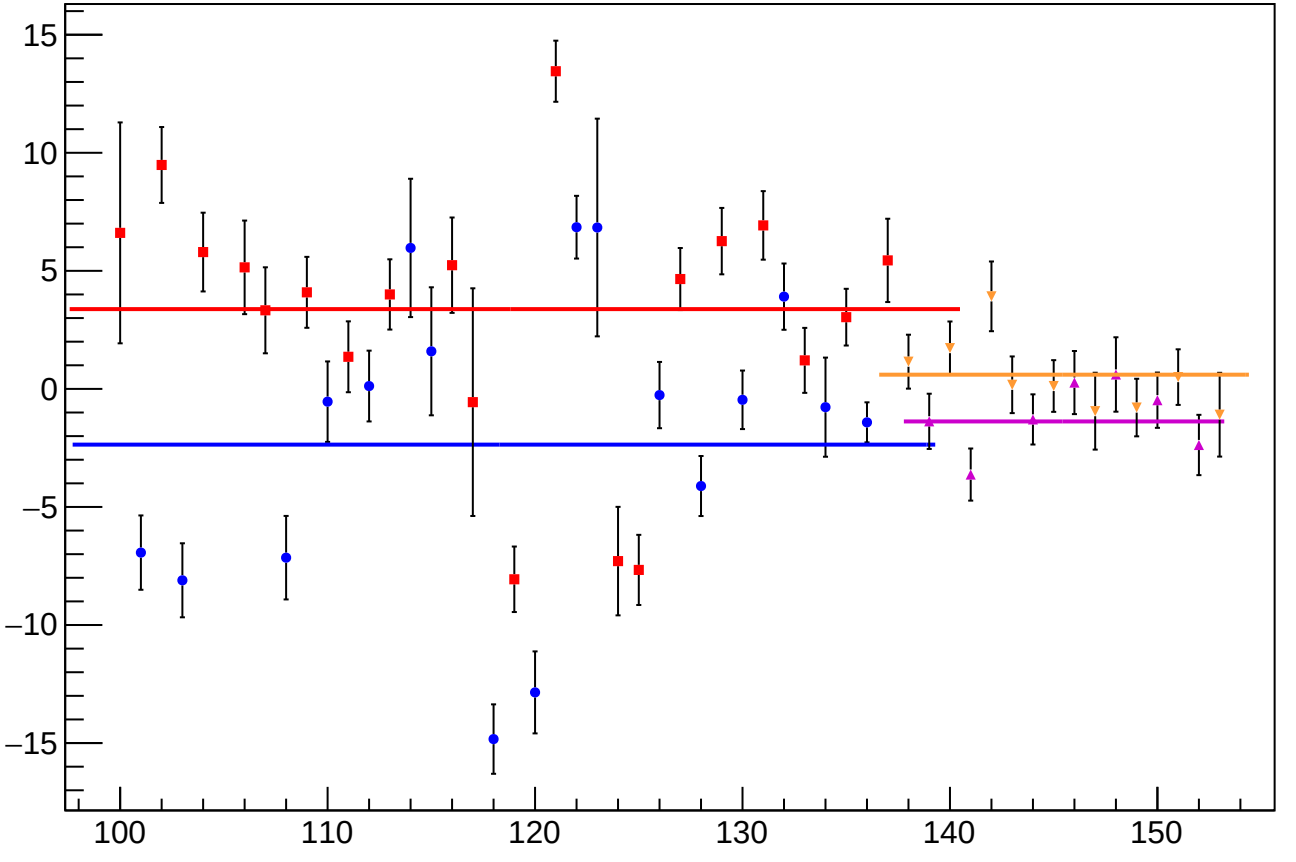
Right Out: 7865.549+/-2.119 χ^2/NDF: 555976.4/19

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

7899.079+/-1.546 χ^2/NDF: 361901.9/25

7693.435+/-1.539 χ^2/NDF: 603279.7/26

diff_bpm0l10Y_mean vs Slug



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

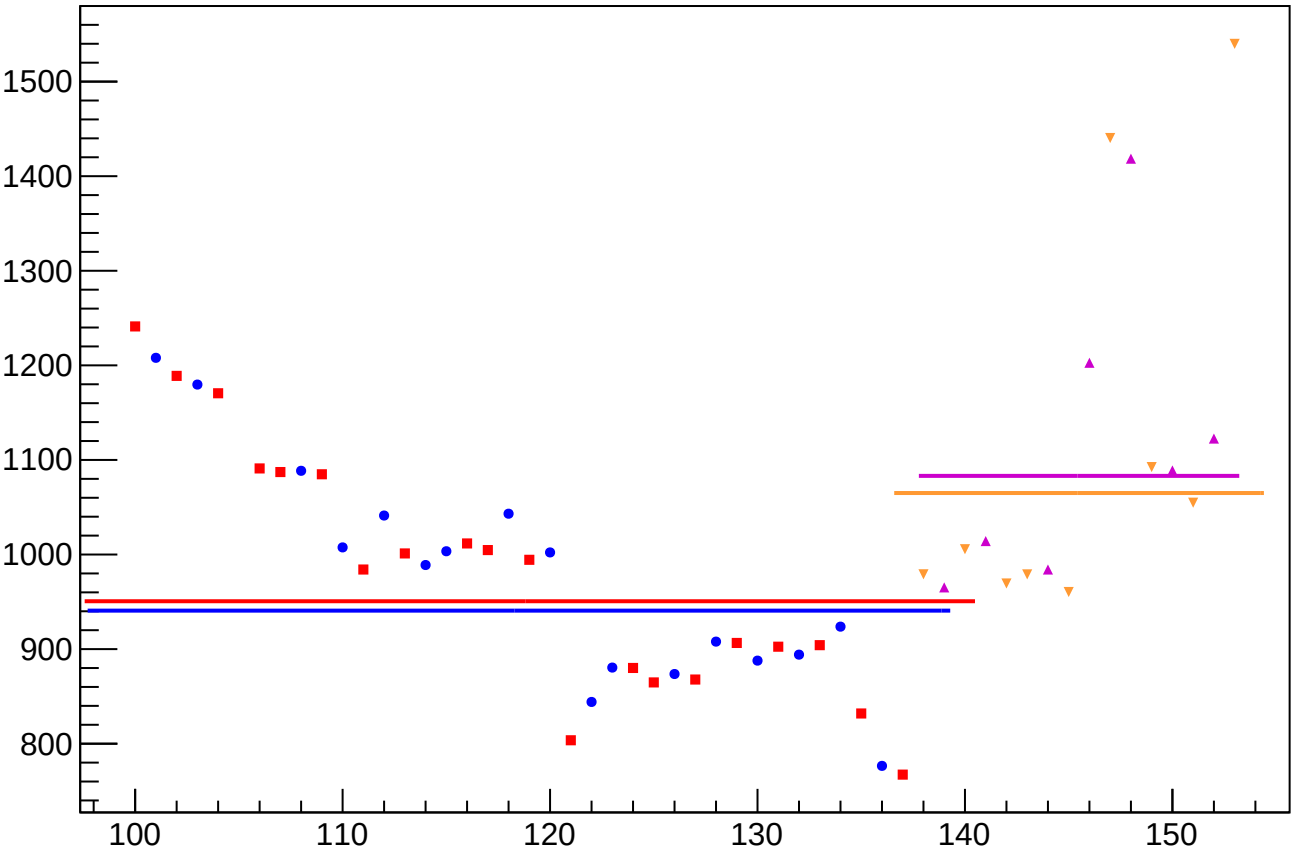
Left Out: 0.602+/-0.421 χ^2/NDF:9.7/8

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

Left In: -1.378+/-0.459 χ^2/NDF:8.5/6

-1.088+/-0.276 χ^2/NDF: 269.9/25

1.586+/-0.282 χ^2/NDF: 317.4/26



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

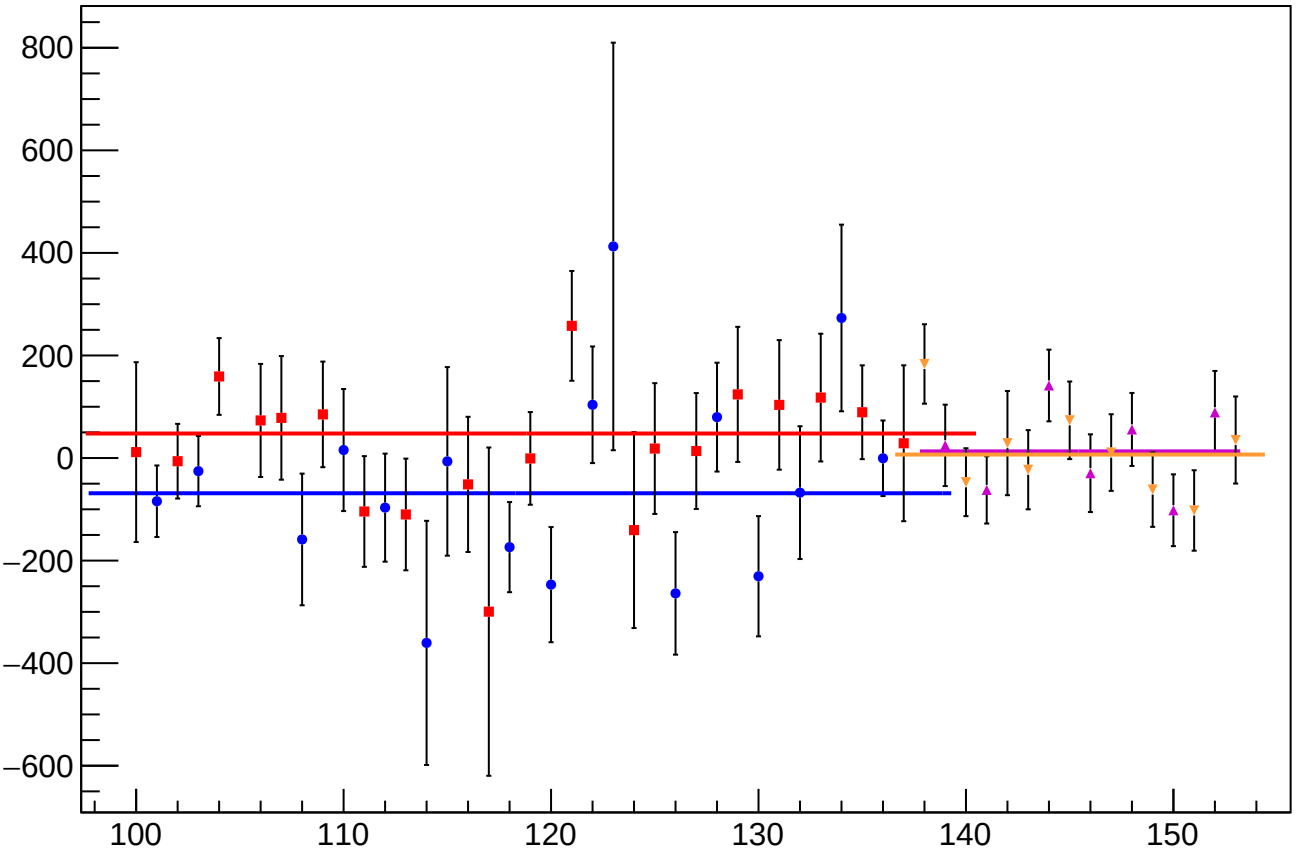
Left Out: 1065.025+/-0.298 χ^2/NDF:304513.4/8

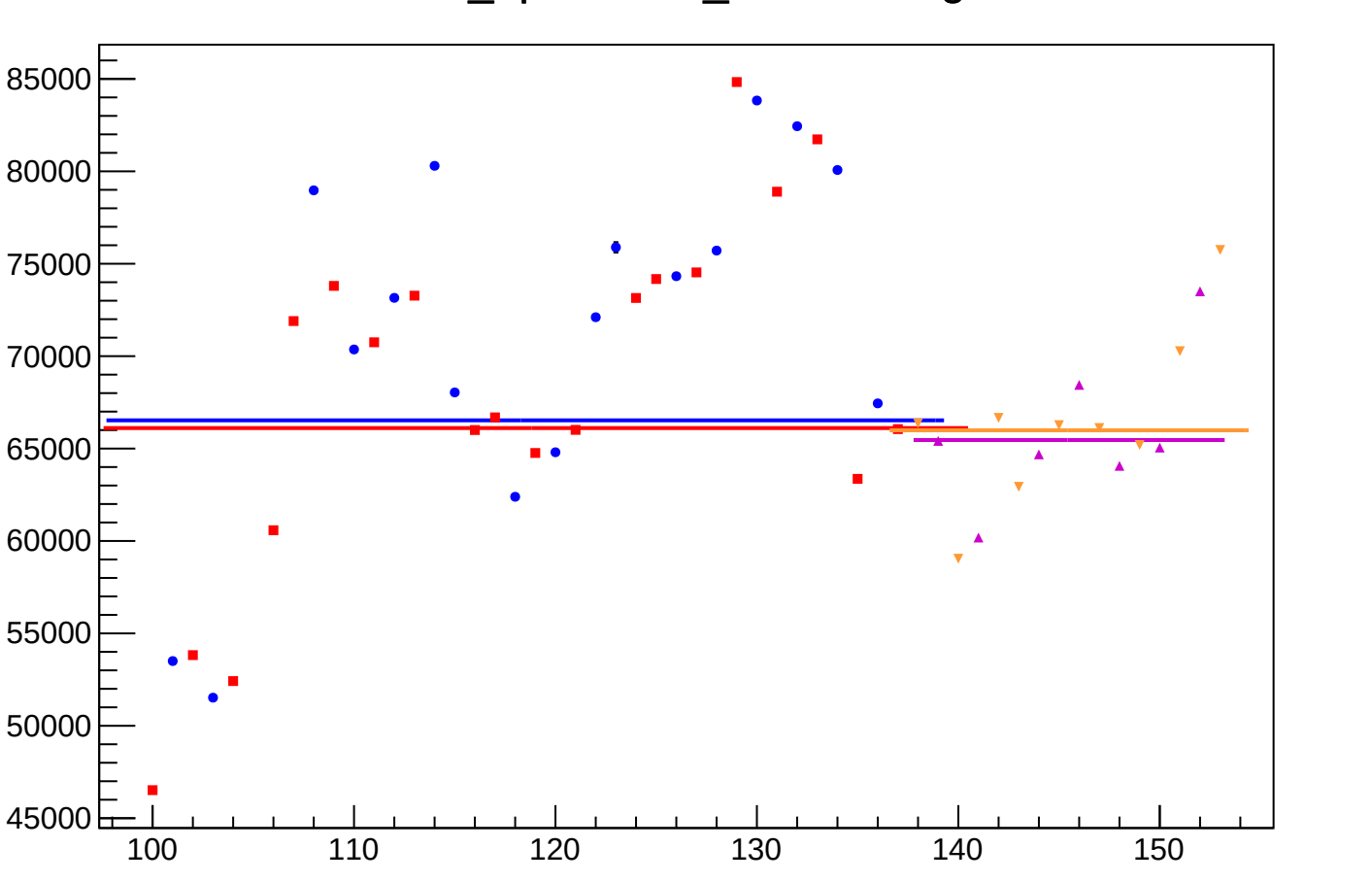
Right Out: 950.615+/-0.253 χ^2/NDF: 220931.3/19

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

994.065+/-0.195 χ^2/NDF: 645628.2/25

1000.579+/-0.199 χ^2/NDF: 478757.0/26


diff_bpm0r03X_mean vs Slug
800
600
400
200
0
−200
−400
−600
100
110
120
130
140
150
Right In: -68.688+/-25.946 χ²/NDF: 21.8/16
Left Out: 6.825+/-25.794 χ²/NDF:9.8/8
Right Out: 47.835+/-24.944 χ²/NDF: 15.2/19
Left In: 12.958+/-27.474 χ²/NDF:9.0/6
-30.709+/-18.292 χ²/NDF: 35.8/25
32.077+/-18.468 χ²/NDF: 25.0/26



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

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

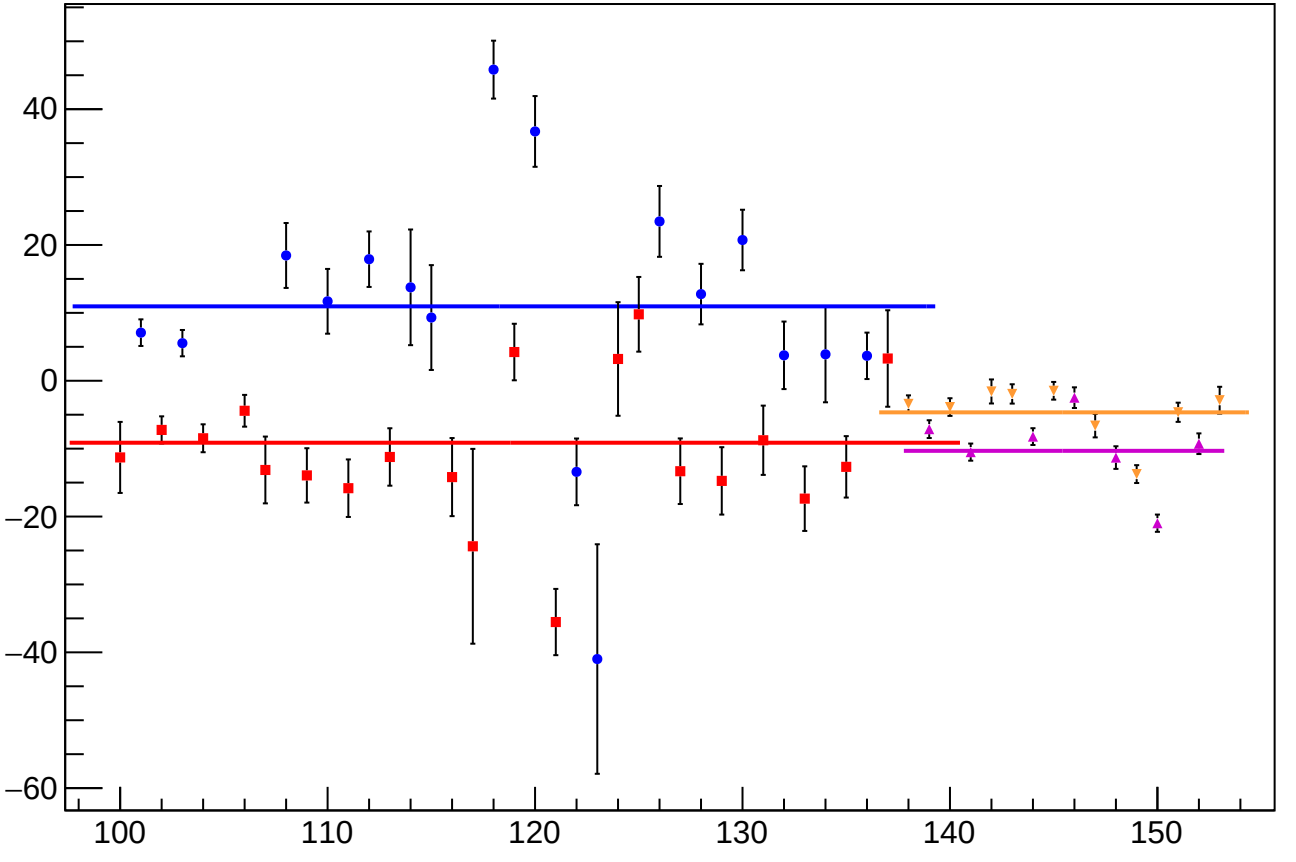
Right Out: 66109.383+/-17.638 χ^2/NDF: 298491.9/19

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

66256.133+/-12.935 χ^2/NDF: 379251.3/25

65816.491+/-13.059 χ^2/NDF: 336075.8/26

diff_bpm0r03Y_mean vs Slug



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

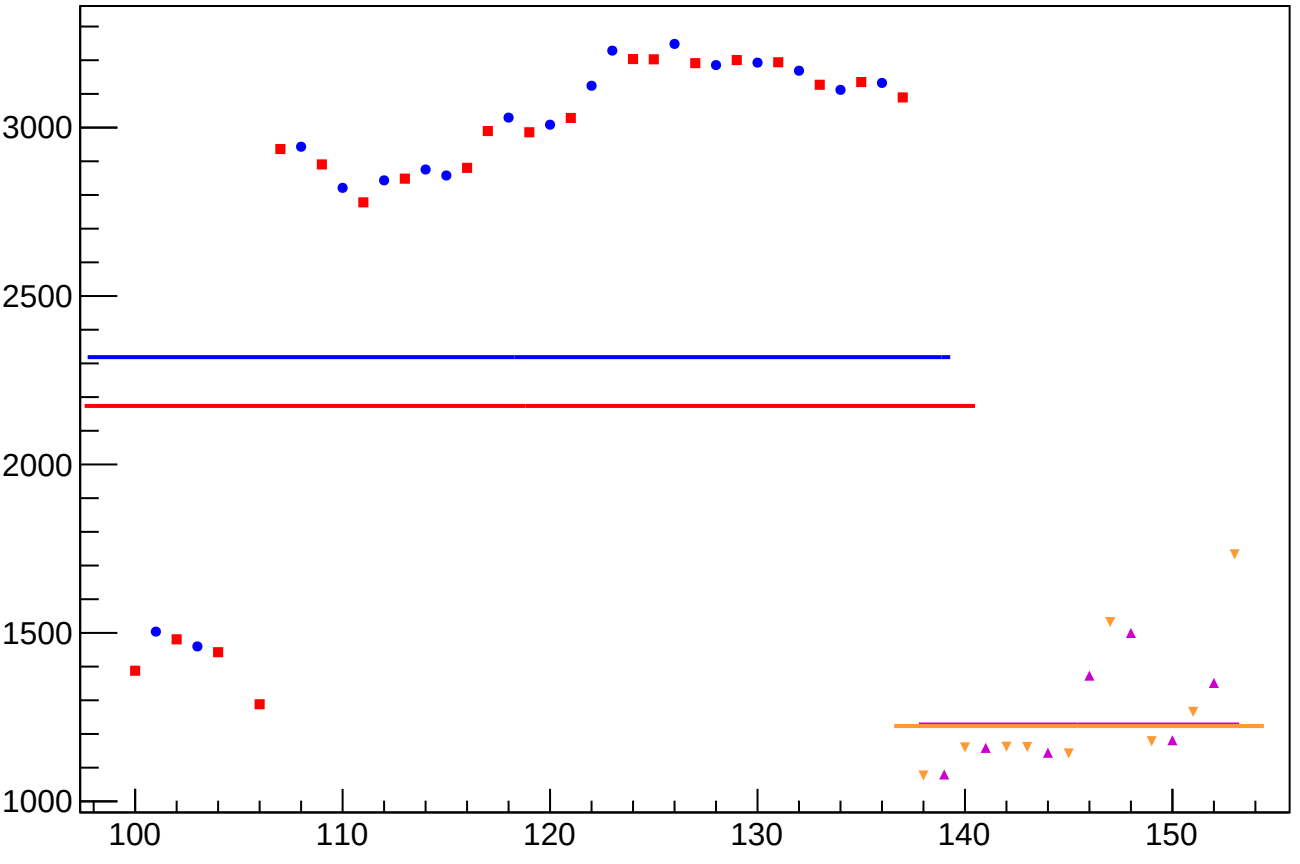
Left Out: -4.654+/-0.483 χ^2/NDF:63.8/8

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

Left In: -10.322+/-0.519 χ^2/NDF:106.5/6

-1.415+/-0.430 χ^2/NDF: 441.9/25

-10.005+/-0.445 χ^2/NDF: 182.2/26



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

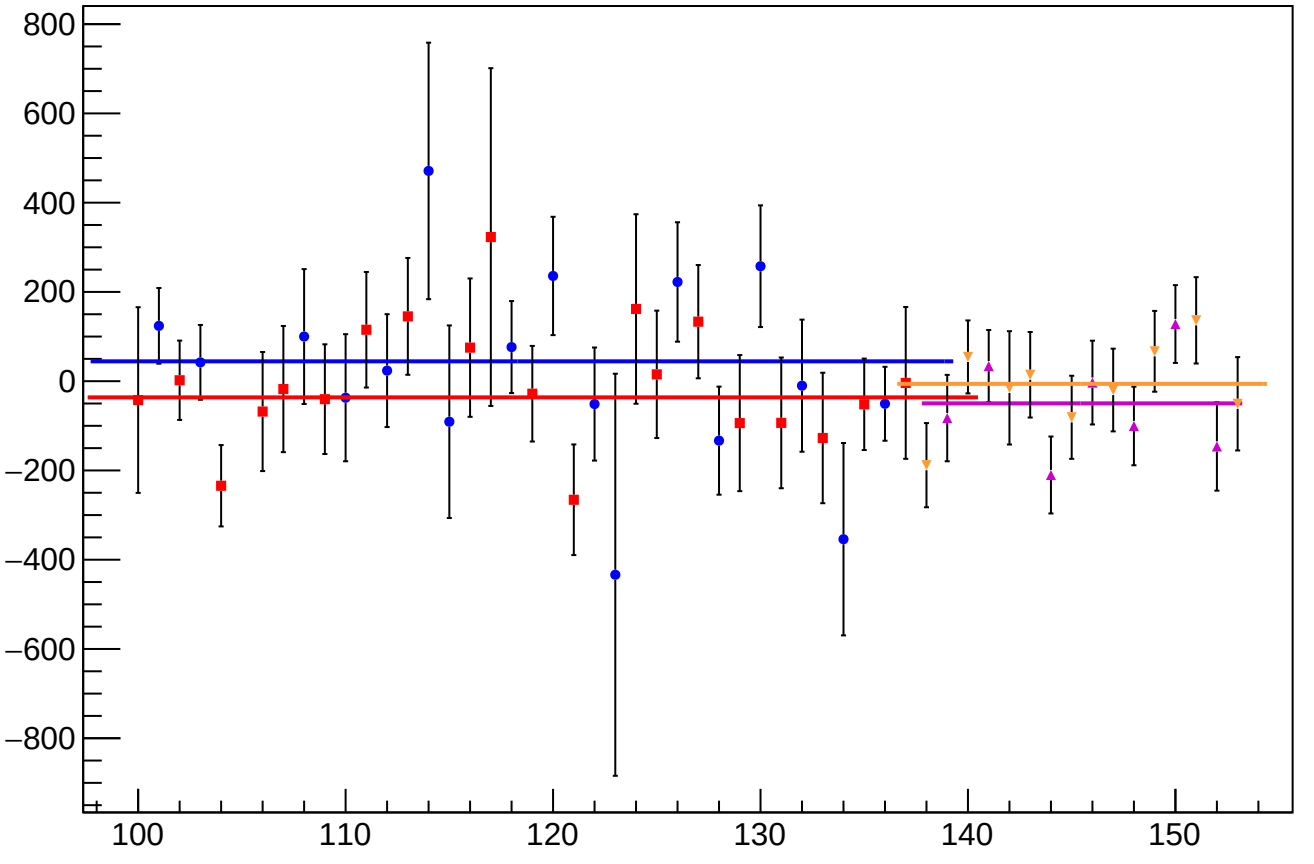
Left Out: 1223.518+/-0.341 χ^2/NDF:246817.9/8

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

Left In: 1228.107+/-0.367 χ^2/NDF:128119.1/6

1450.732+/-0.304 χ^2/NDF: 3791899.3/25

1478.641+/-0.315 χ^2/NDF: 3646321.1/26



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

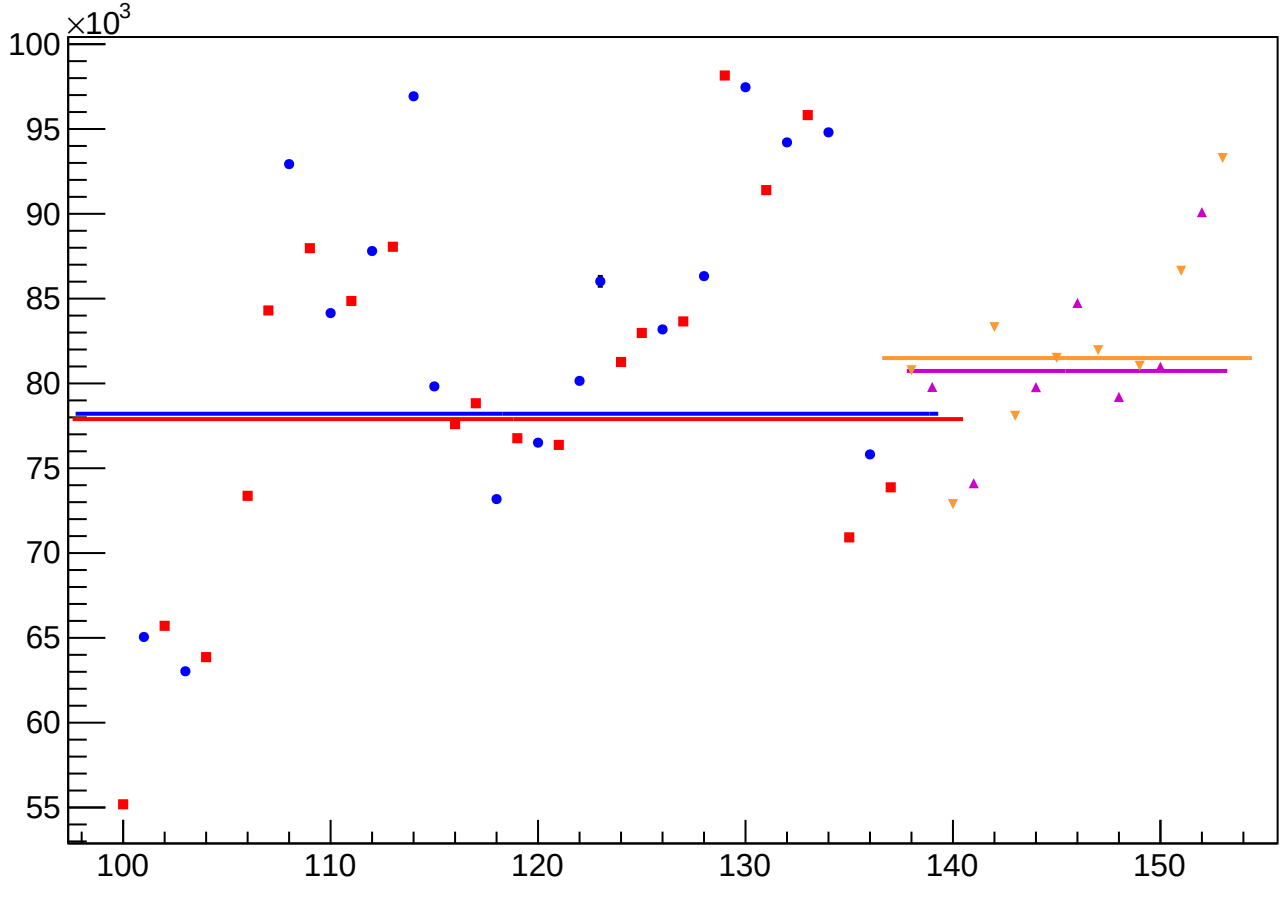
Left Out: -5.990+/-31.858 χ^2/NDF:8.0/8

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

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

20.402+/-22.005 χ^2/NDF: 28.4/25

-42.005+/-22.184 χ^2/NDF: 27.1/26



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

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

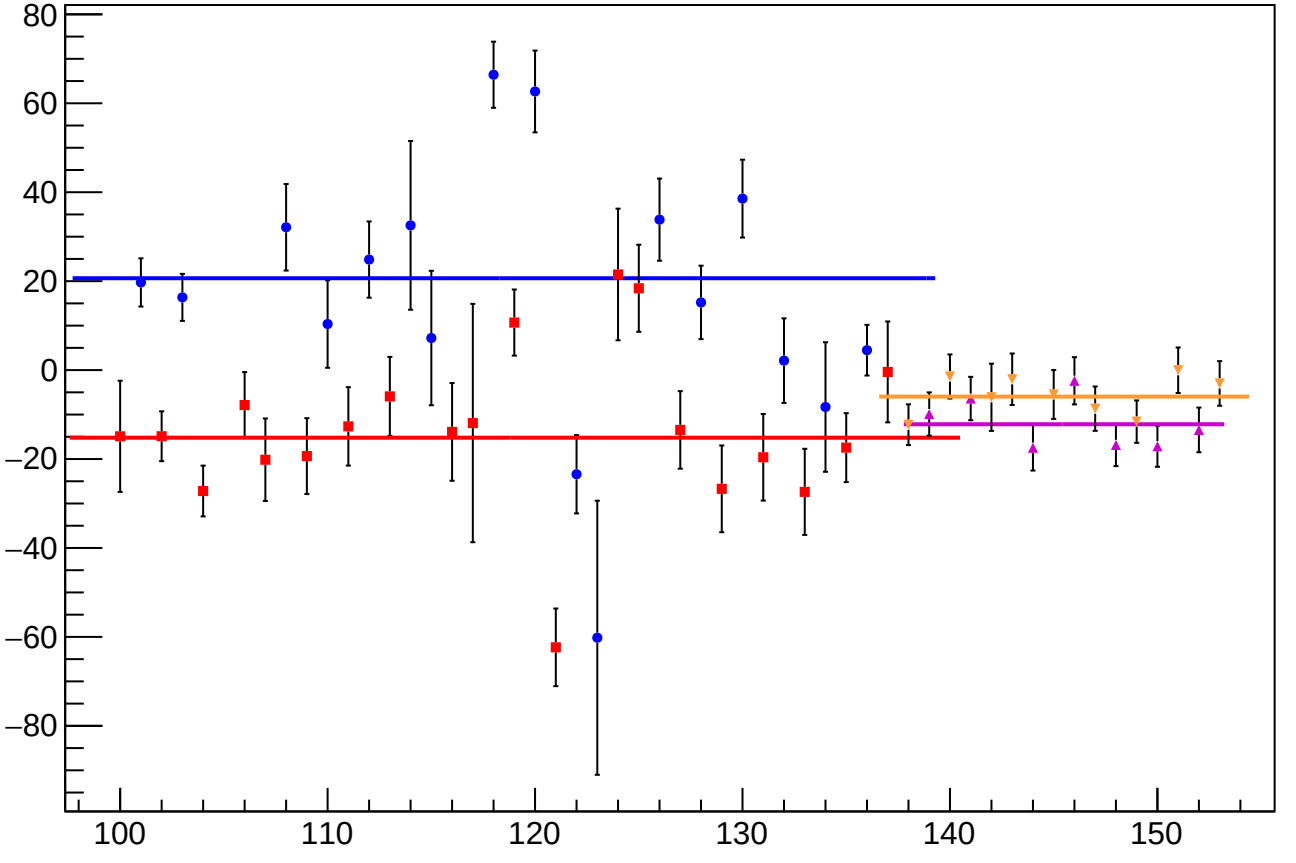
Right Out: 77897.594+/-20.751 χ^2/NDF: 246982.5/19

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

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

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

diff_bpm0r05Y_mean vs Slug



Right In: 20.657+/-2.036 χ^2/NDF: 117.7/16

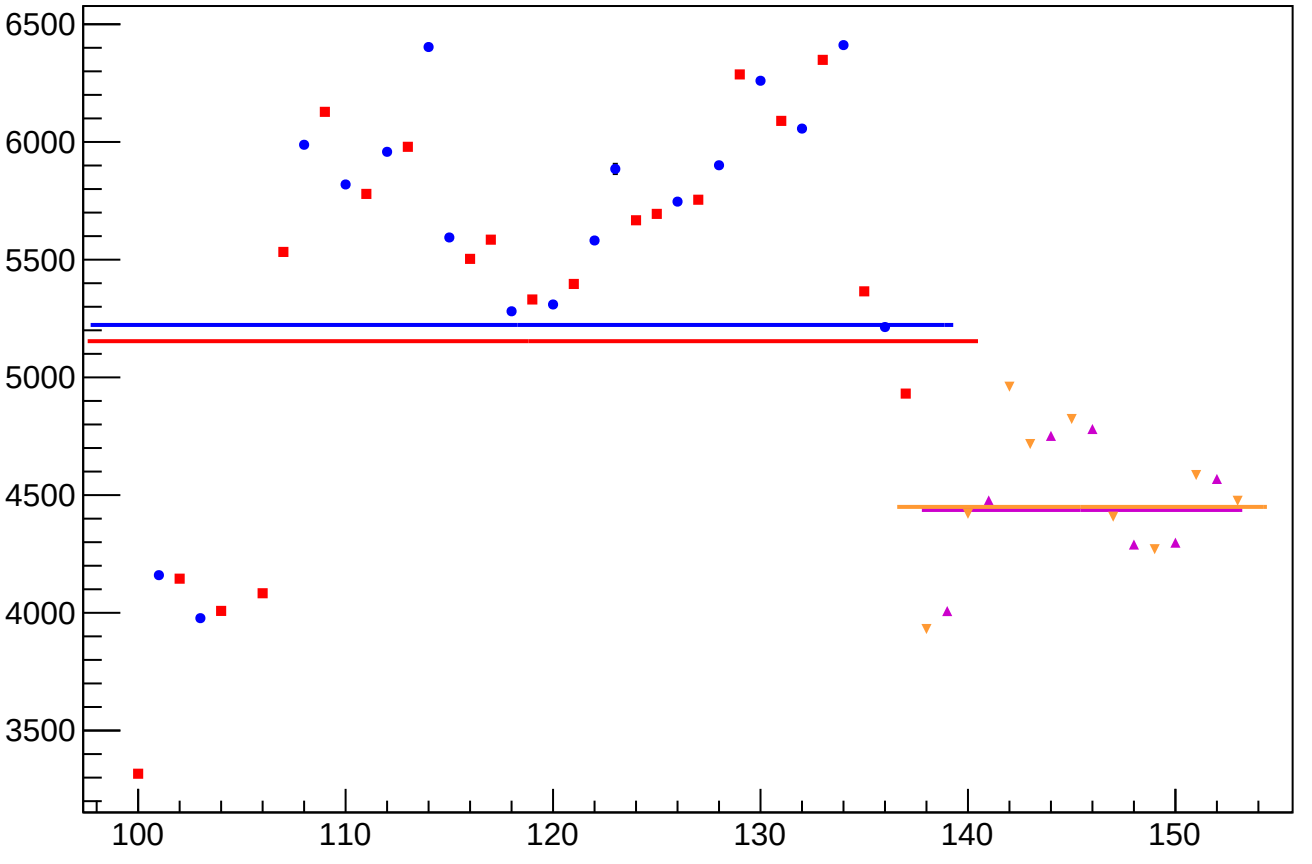
Left Out: -5.958+/-1.739 χ^2/NDF:6.6/8

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

Left In: -12.179+/-1.863 χ^2/NDF:8.2/6

5.271+/-1.322 χ^2/NDF: 223.1/25

-13.620+/-1.347 χ^2/NDF: 80.8/26



Right In: 5222.767+/-1.440 χ^2/NDF: 312497.9/16

Left Out: 4449.907+/-1.230 χ^2/NDF:52634.6/8

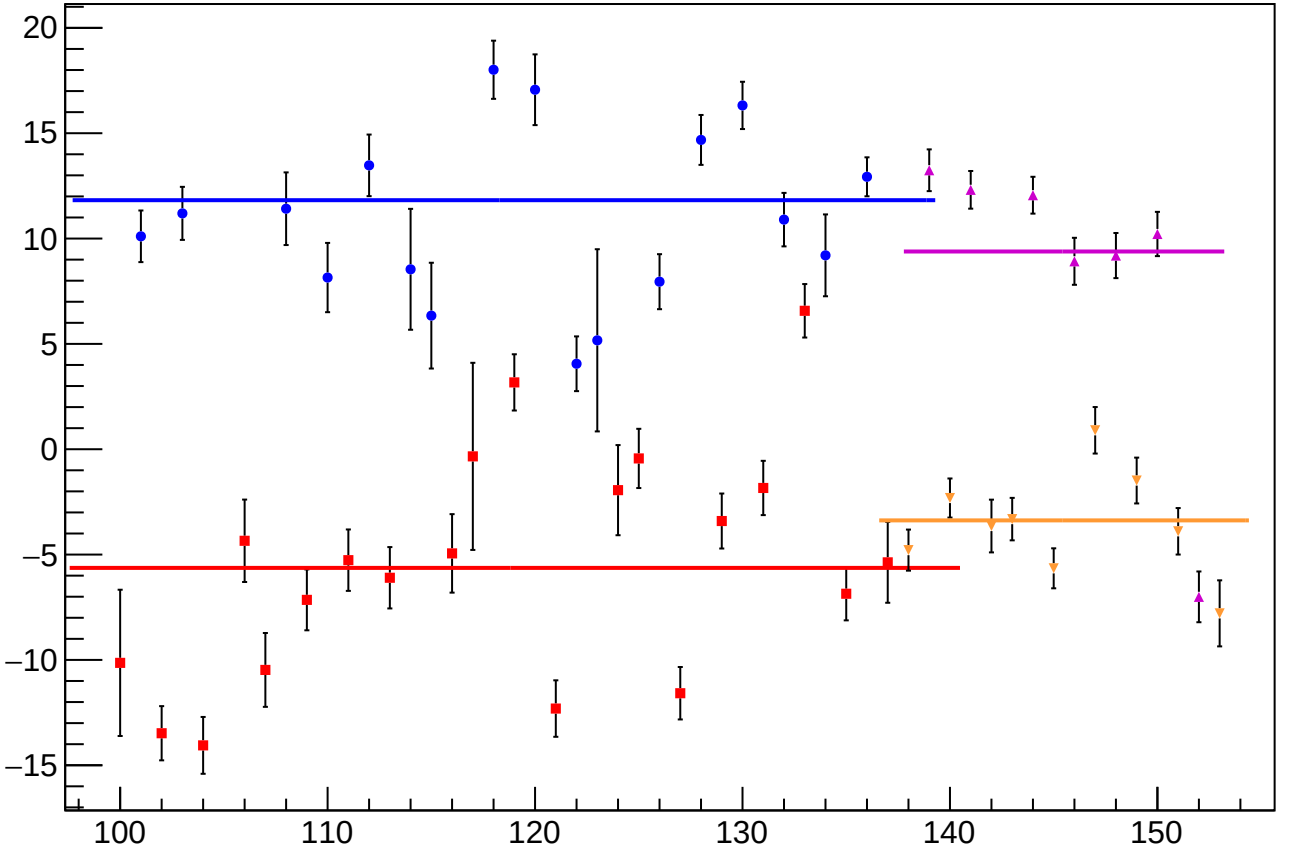
Right Out: 5153.826+/-1.379 χ^2/NDF: 388205.9/19

Left In: 4436.932+/-1.318 χ^2/NDF:36671.8/6

4775.960+/-0.935 χ^2/NDF: 531760.2/25

4779.179+/-0.952 χ^2/NDF: 566211.3/26

diff_bpm2i01X_mean vs Slug



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

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

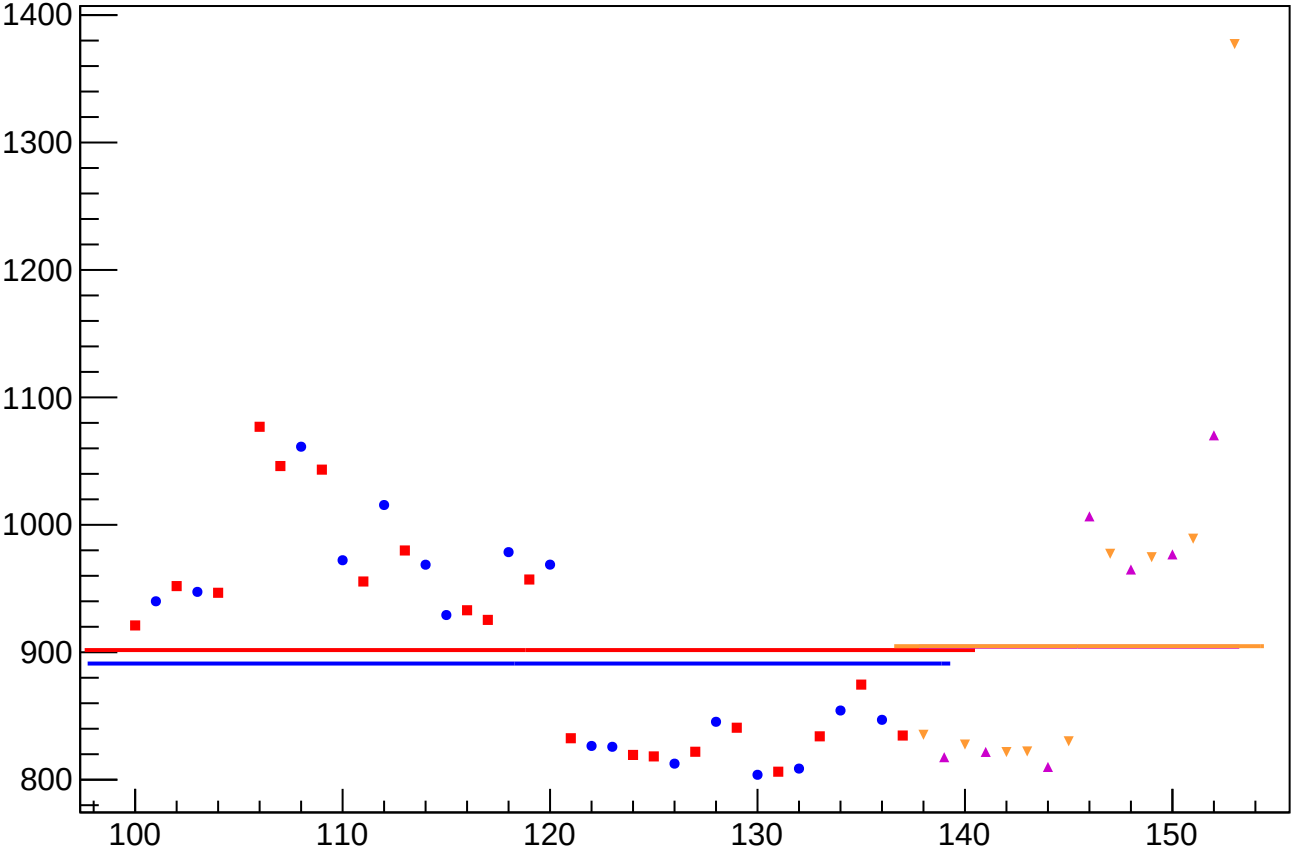
Right Out: -5.632+/-0.337 χ^2/NDF: 301.6/19

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

4.495+/-0.248 χ^2/NDF: 1090.6/25

0.949+/-0.253 χ^2/NDF: 1390.5/26

diff_bpm2i01X_rms vs Slug



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

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

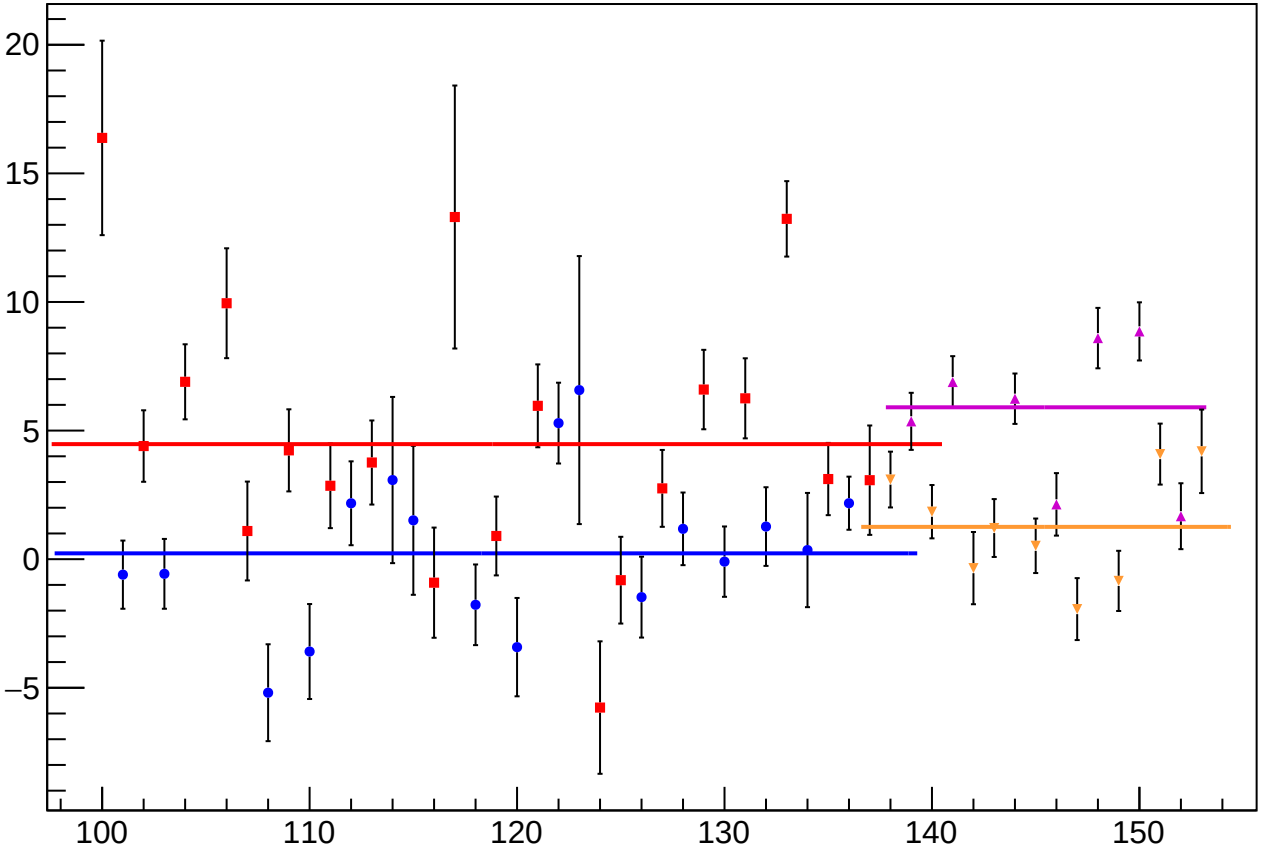
Right Out: 901.725+/-0.239 χ^2/NDF: 114648.1/19

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

897.718+/-0.175 χ^2/NDF: 372044.7/25

902.883+/-0.179 χ^2/NDF: 240996.9/26

diff_bpm2i01Y_mean vs Slug



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

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

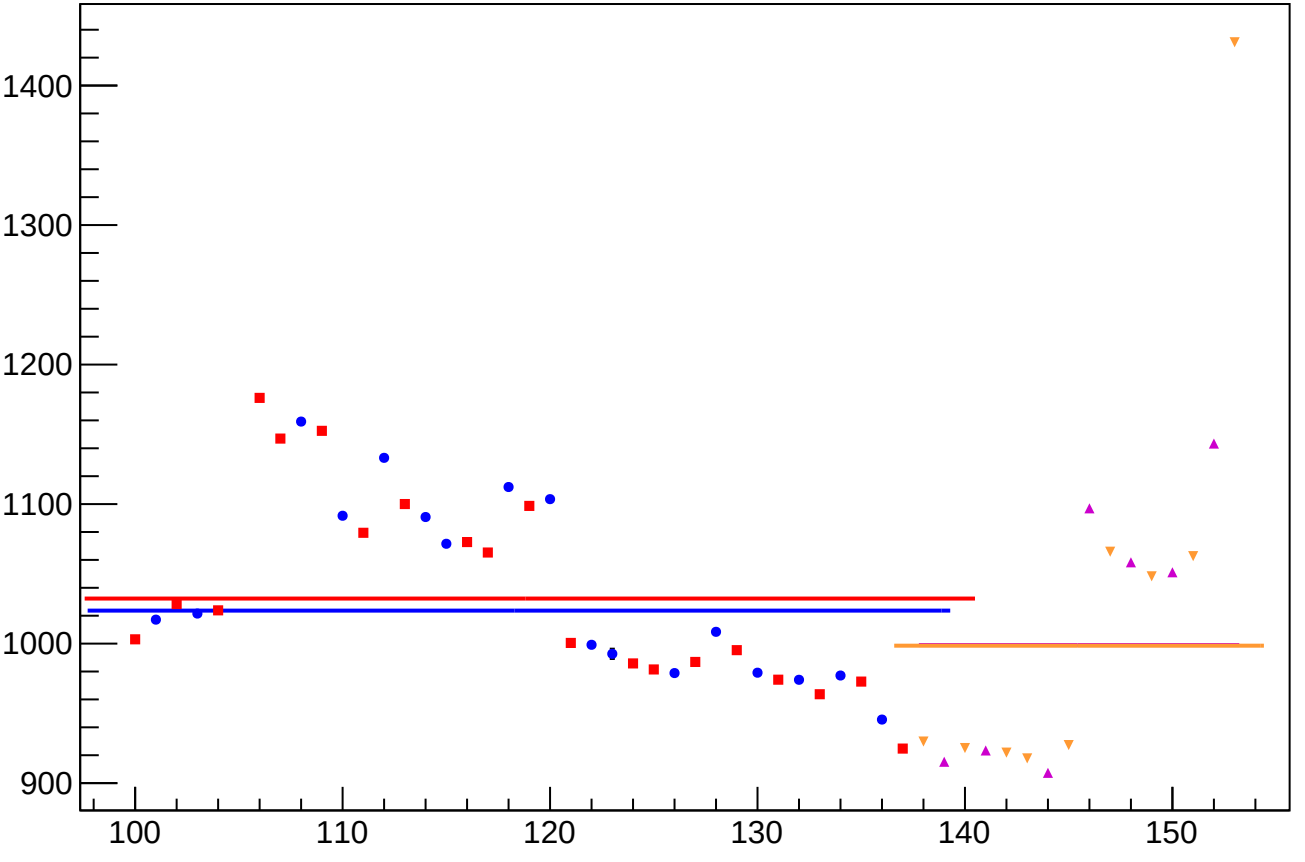
Right Out: 4.473+/-0.386 χ^2/NDF: 106.3/19

Left In: 5.905+/-0.421 χ^2/NDF:34.0/6

0.744+/-0.279 χ^2/NDF: 66.2/25

5.126+/-0.284 χ^2/NDF: 146.6/26

diff_bpm2i01Y_rms vs Slug



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

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

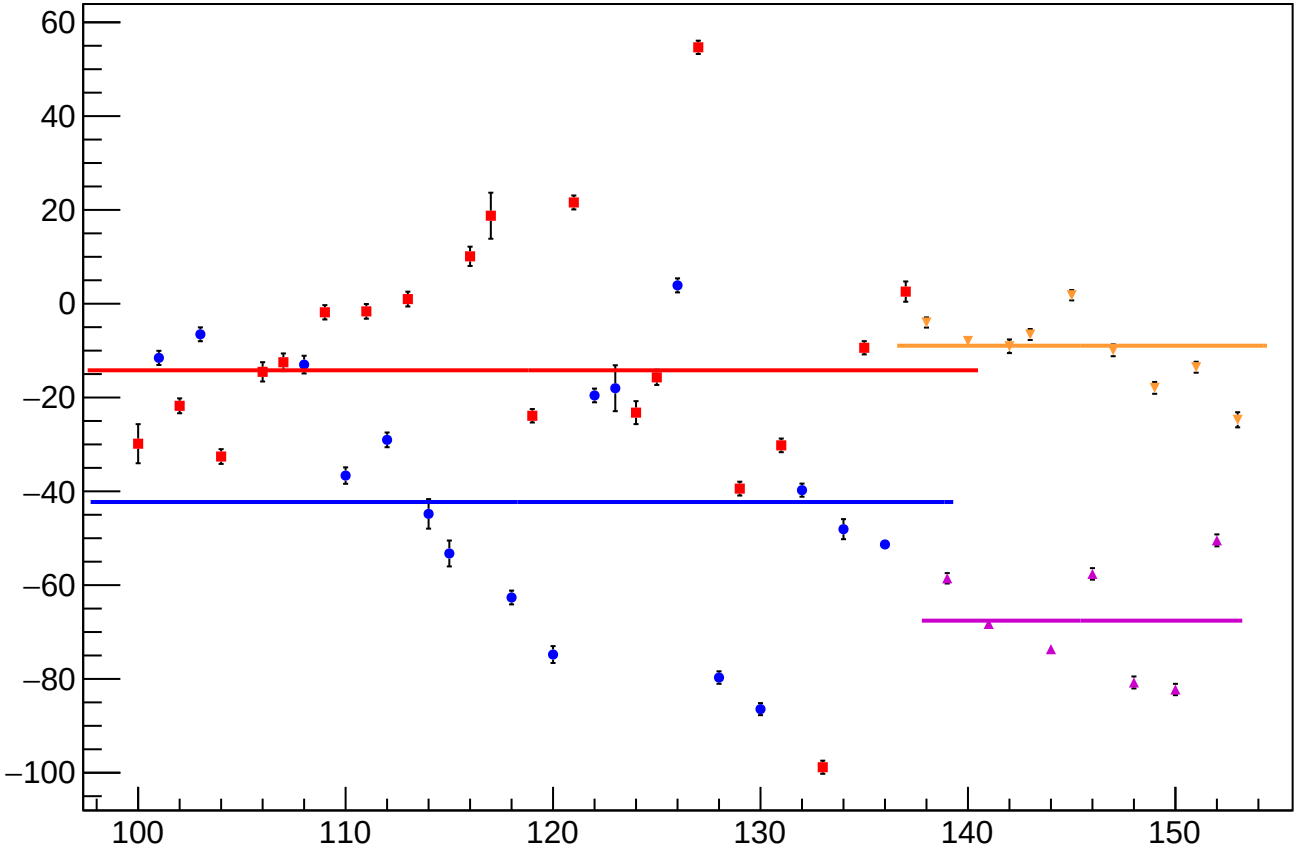
Right Out: 1032.296+/-0.273 χ^2/NDF: 59475.4/19

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

1011.018+/-0.197 χ^2/NDF: 257636.2/25

1017.088+/-0.201 χ^2/NDF: 154247.9/26

diff_bpm2i02X_mean vs Slug



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

Left Out: -8.951+/-0.404 χ^2/NDF:284.4/8

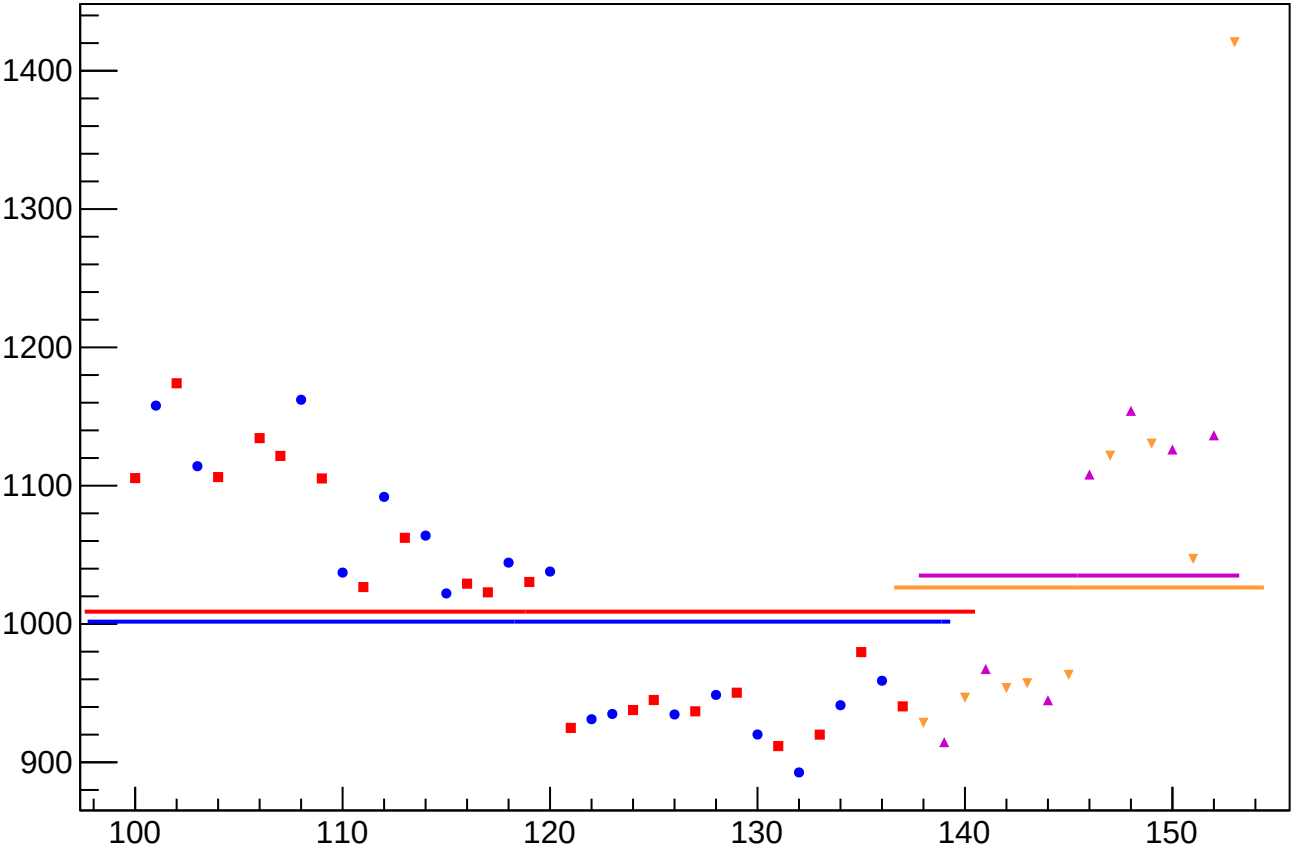
Right Out: -14.197+/-0.377 χ^2/NDF: 7715.1/19

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

-26.311+/-0.279 χ^2/NDF: 8962.2/25

-37.028+/-0.285 χ^2/NDF: 16875.4/26

diff_bpm2i02X_rms vs Slug



Right In: 1001.706+/-0.274 χ^2/NDF: 95480.0/16

Left Out: 1026.381+/-0.285 χ^2/NDF:191102.9/8

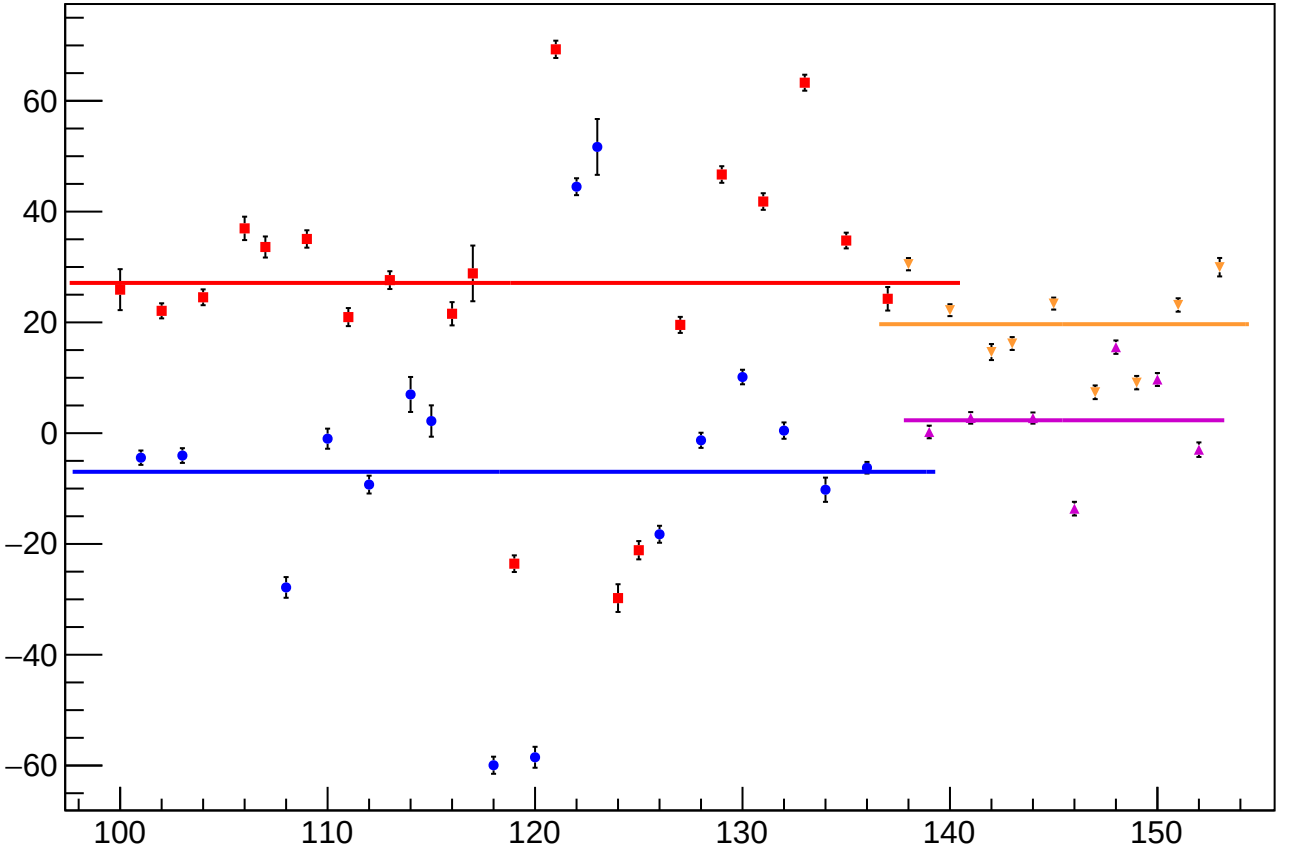
Right Out: 1008.931+/-0.267 χ^2/NDF: 95366.1/19

Left In: 1035.027+/-0.309 χ^2/NDF:95836.3/6

1013.528+/-0.198 χ^2/NDF: 290475.8/25

1020.092+/-0.202 χ^2/NDF: 195293.7/26

diff_bpm2i02Y_mean vs Slug



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

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

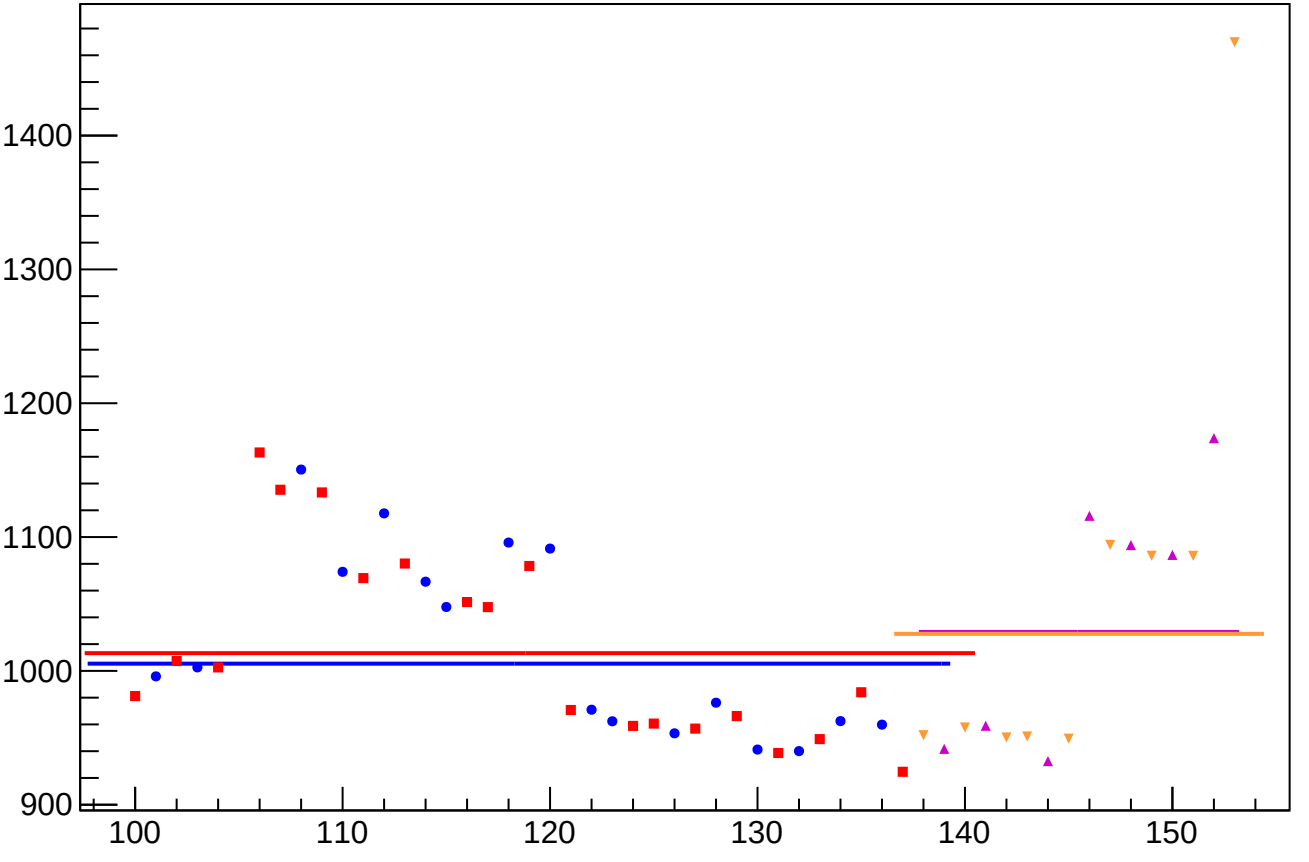
Right Out: 27.125+/-0.379 χ^2/NDF: 4283.6/19

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

5.803+/-0.280 χ^2/NDF: 6253.7/25

16.404+/-0.285 χ^2/NDF: 6484.0/26

diff_bpm2i02Y_rms vs Slug



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

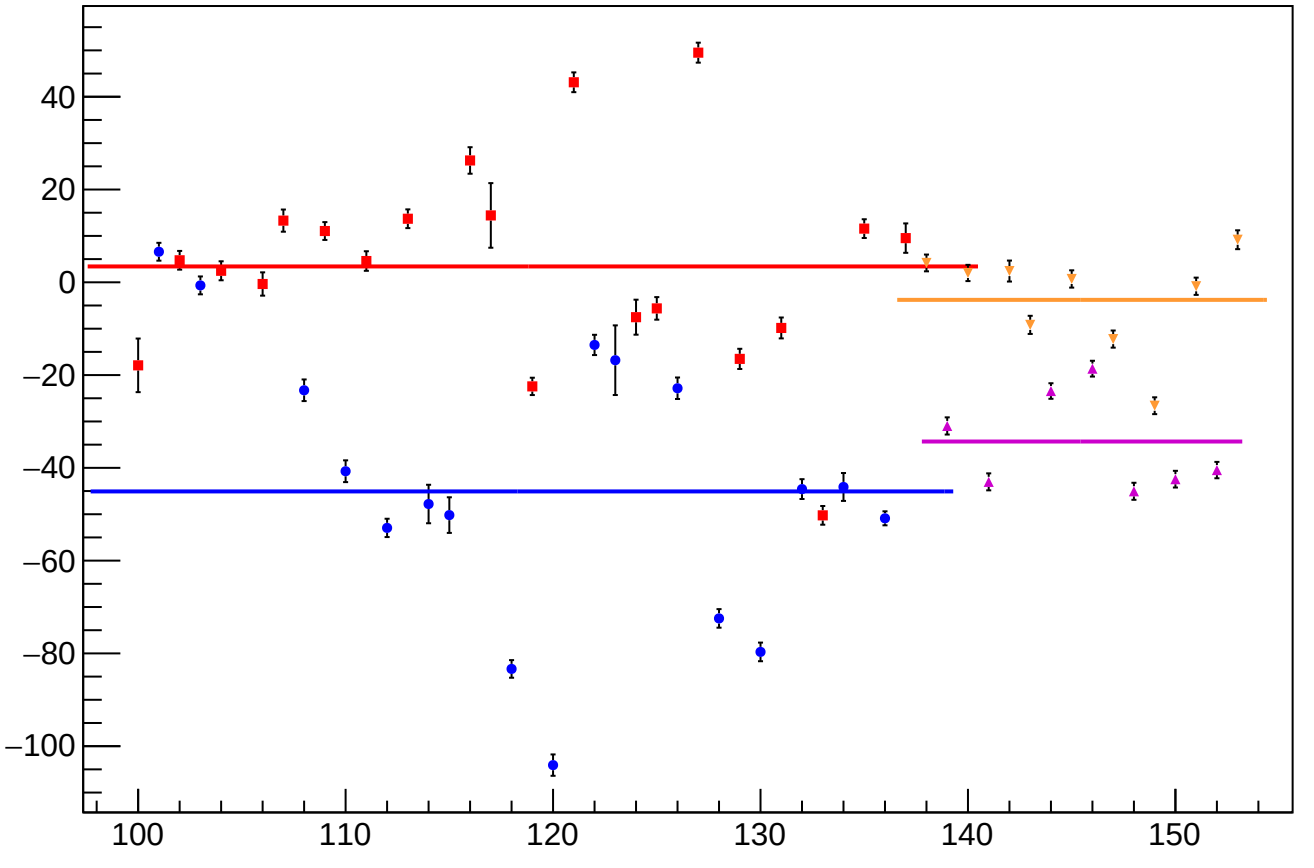
Left Out: 1027.676+/-0.286 χ^2/NDF:198393.4/8

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

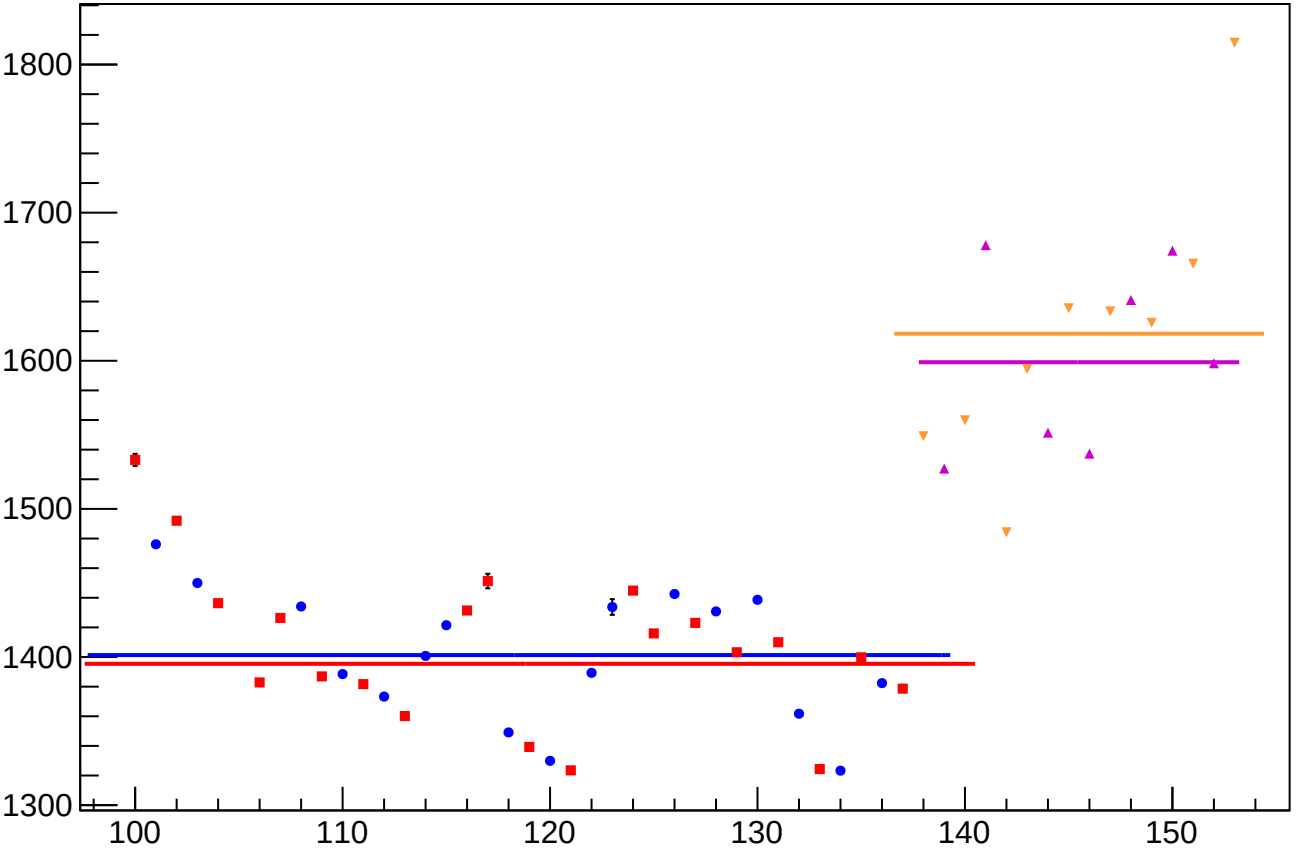
Left In: 1029.104+/-0.307 χ^2/NDF:83799.2/6

1016.085+/-0.198 χ^2/NDF: 256138.3/25

1020.110+/-0.202 χ^2/NDF: 148674.1/26


diff_bpm0i02X_mean vs Slug
40
20
0
−20
−40
−60
−80
−100
100
110
120
130
140
150
Right In: -45.081+/-0.540 χ²/NDF: 3238.1/16
Left Out: -3.785+/-0.632 χ²/NDF:273.6/8
Right Out: 3.419+/-0.520 χ²/NDF: 2008.2/19
Left In: -34.323+/-0.672 χ²/NDF:219.6/6
-27.659+/-0.410 χ²/NDF: 5981.7/25
-10.738+/-0.411 χ²/NDF: 4201.3/26

diff_bpm0i02X_rms vs Slug



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

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

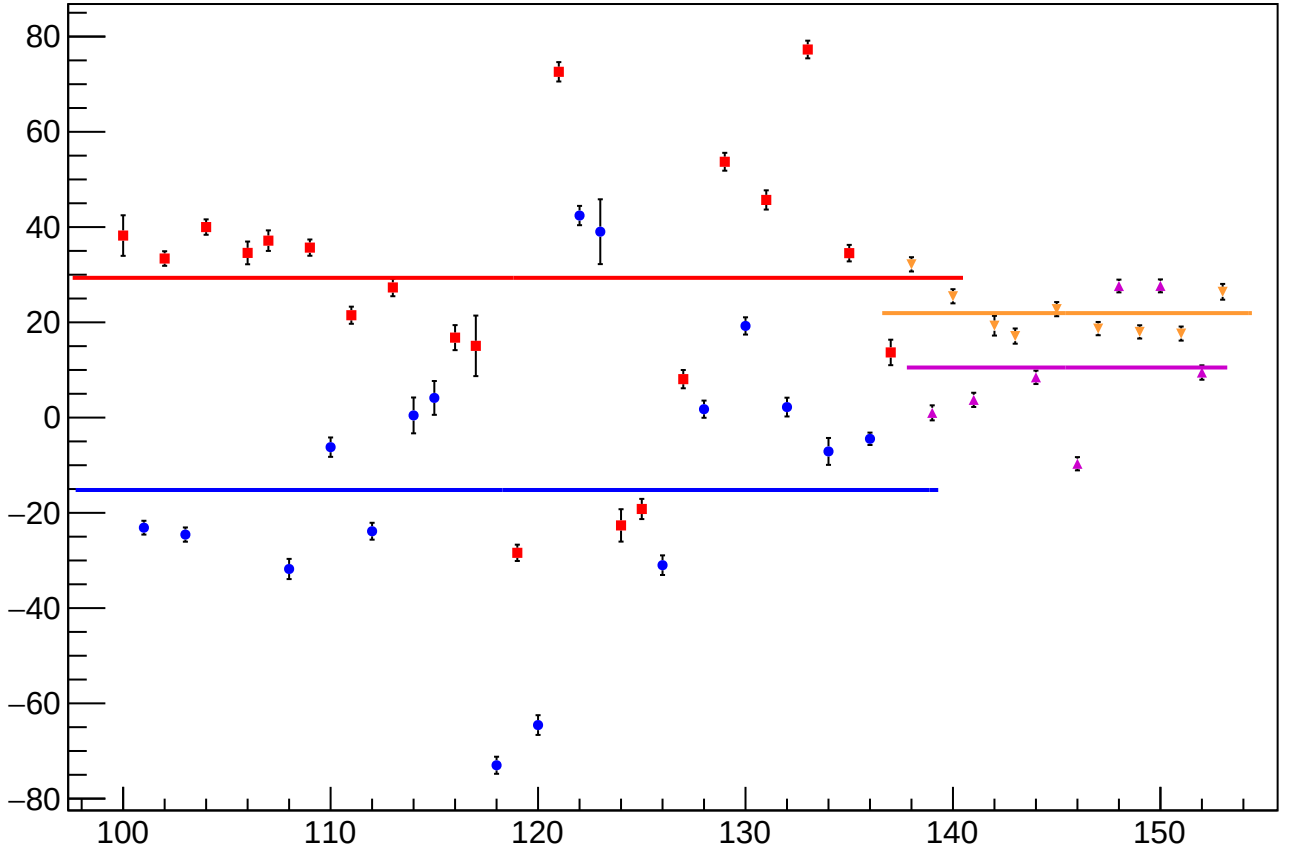
Right Out: 1395.419+/-0.368 χ^2/NDF: 15649.3/19

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

1492.842+/-0.290 χ^2/NDF: 181996.2/25

1471.792+/-0.291 χ^2/NDF: 146020.8/26

diff_bpm0i02Y_mean vs Slug



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

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

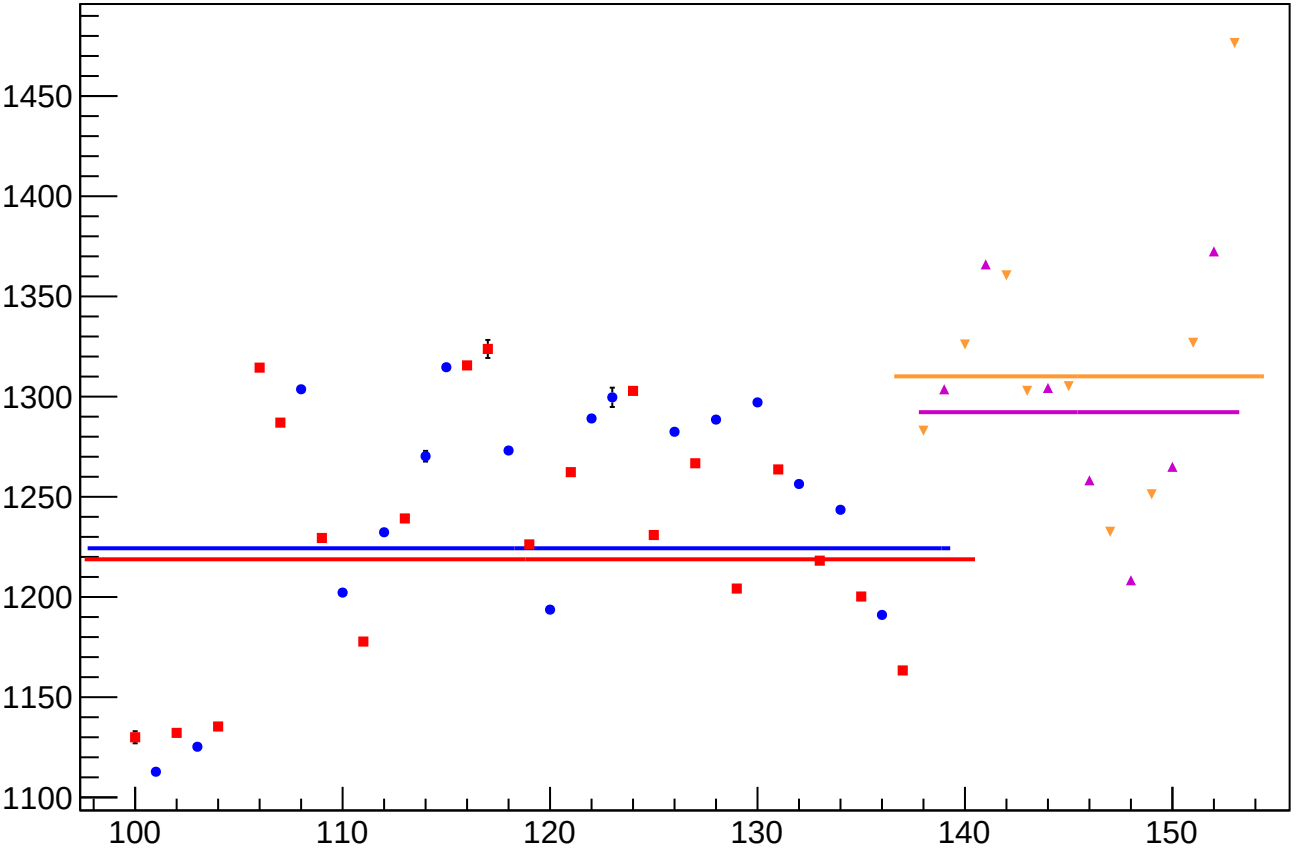
Right Out: 29.344+/-0.455 χ^2/NDF: 3549.9/19

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

1.889+/-0.347 χ^2/NDF: 6302.9/25

21.563+/-0.349 χ^2/NDF: 4849.2/26

diff_bpm0i02Y_rms vs Slug



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

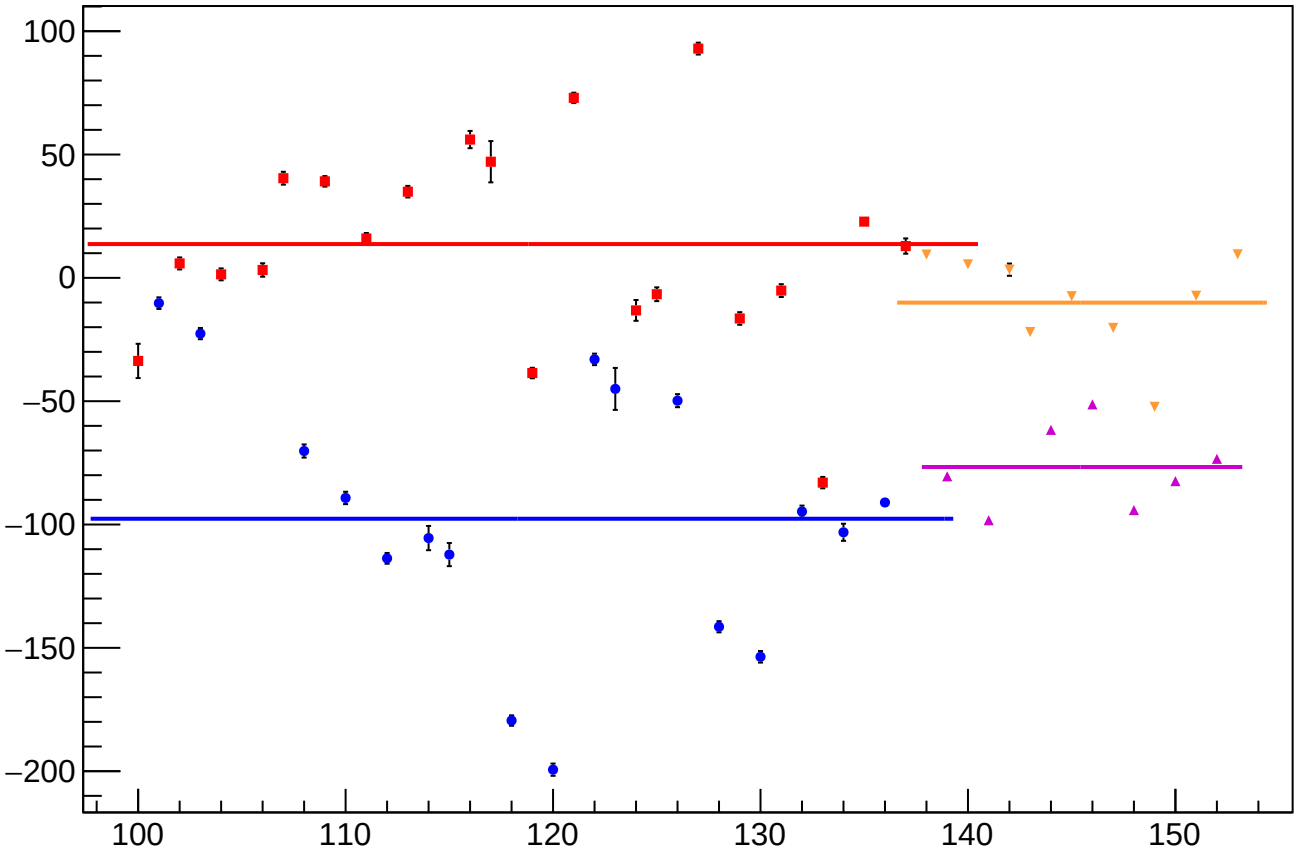
Left Out: 1310.120+/-0.362 χ^2/NDF:32356.4/8

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

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

1263.804+/-0.245 χ^2/NDF: 101532.4/25

1249.160+/-0.246 χ^2/NDF: 70232.7/26



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

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

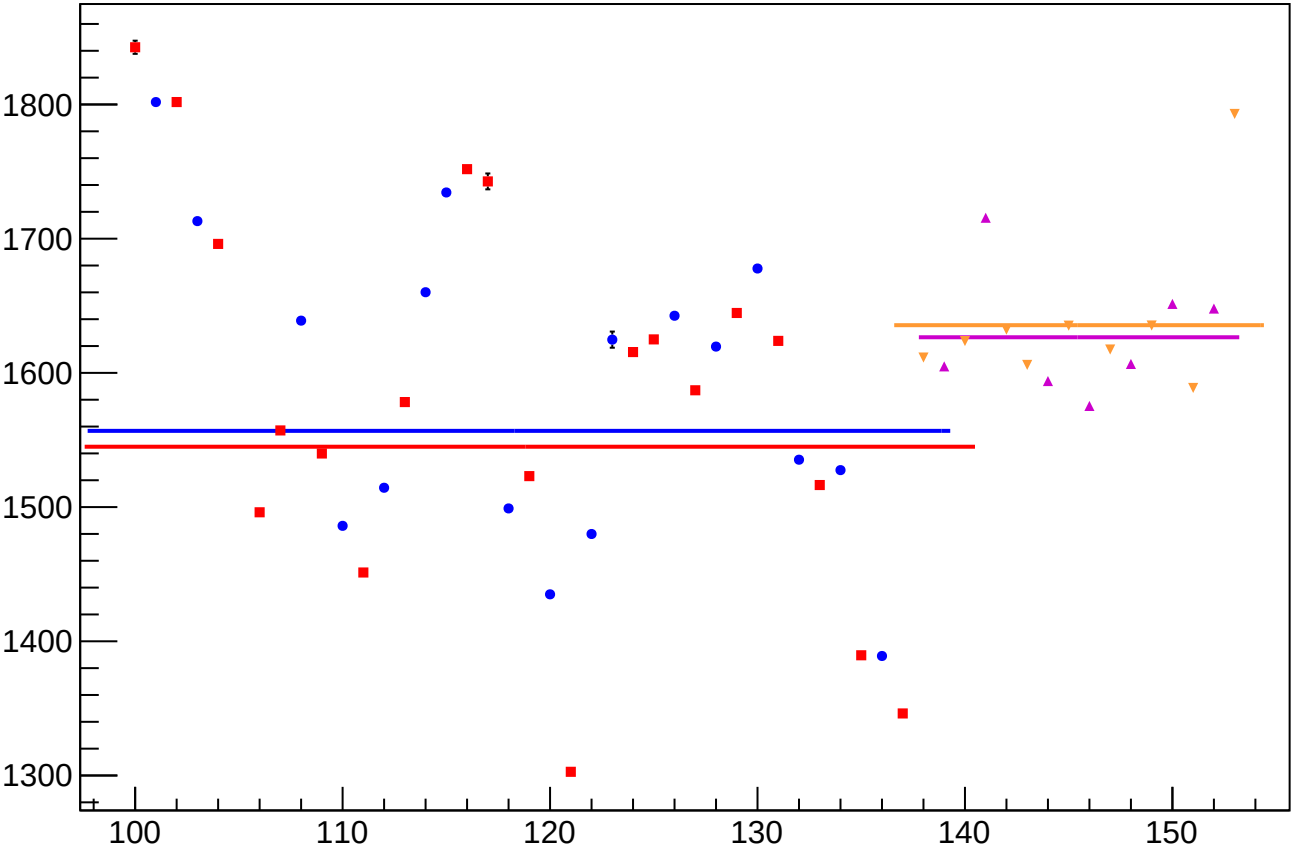
Right Out: 13.698+/-0.578 χ^2/NDF: 5144.2/19

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

-56.461+/-0.438 χ^2/NDF: 18830.8/25

-24.057+/-0.441 χ^2/NDF: 15892.6/26

diff_bpm0i02aX_rms vs Slug



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

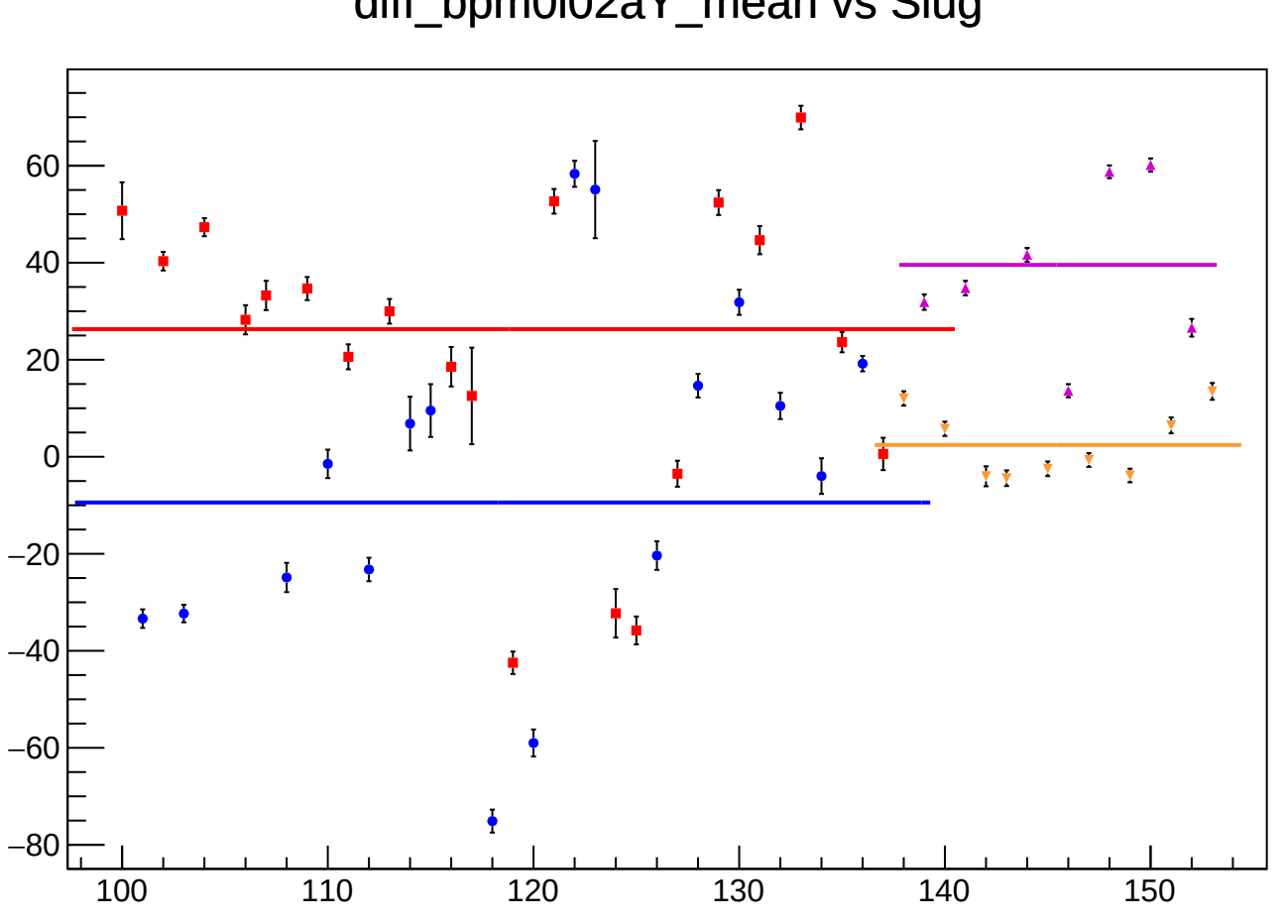
Left Out: 1635.543+/-0.451 χ^2/NDF:14696.9/8

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

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

1593.824+/-0.309 χ^2/NDF: 112372.2/25

1579.052+/-0.312 χ^2/NDF: 126384.1/26



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

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

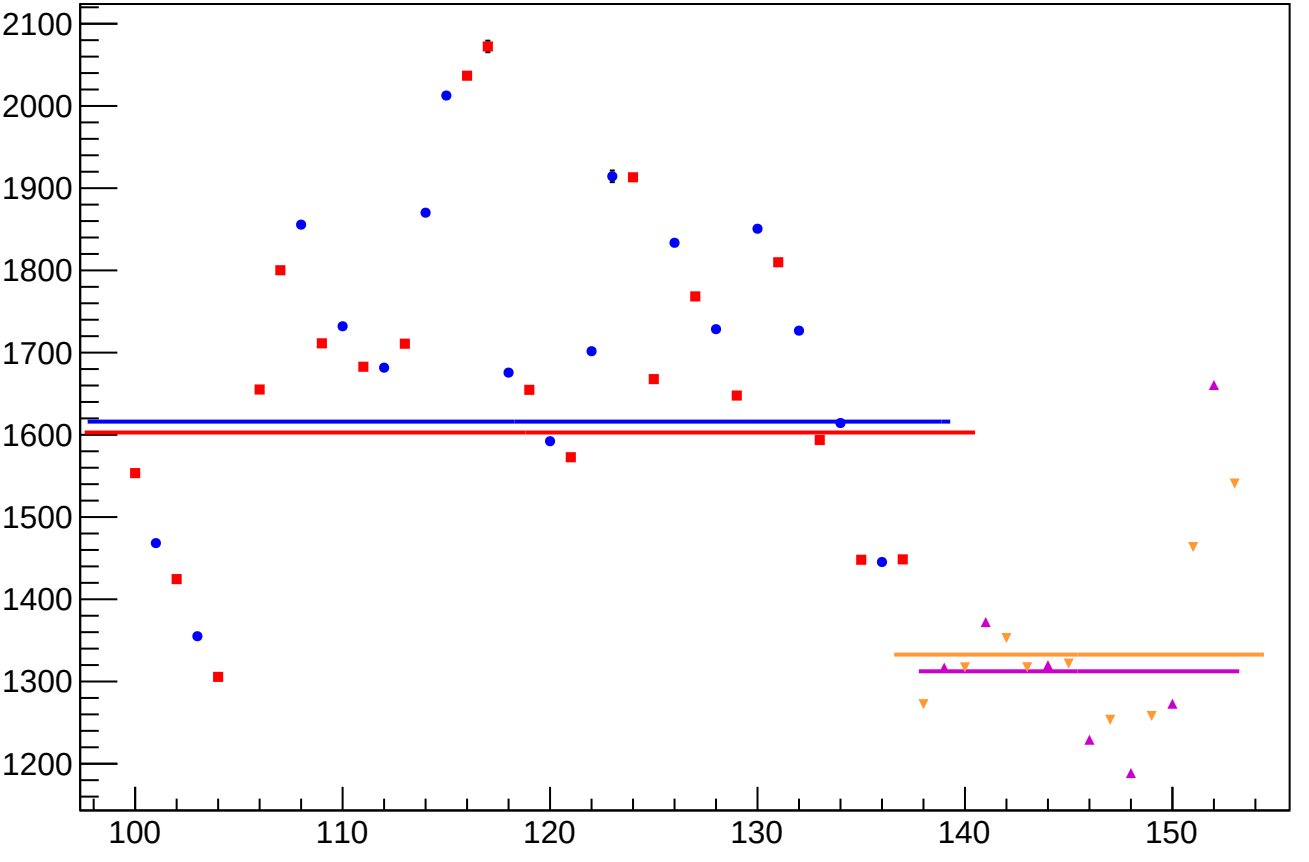
Right Out: 26.304+/-0.602 χ^2/NDF: 2474.0/19

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

-2.420+/-0.401 χ^2/NDF: 3292.3/25

33.488+/-0.407 χ^2/NDF: 3622.0/26

diff_bpm0i02aY_rms vs Slug



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

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

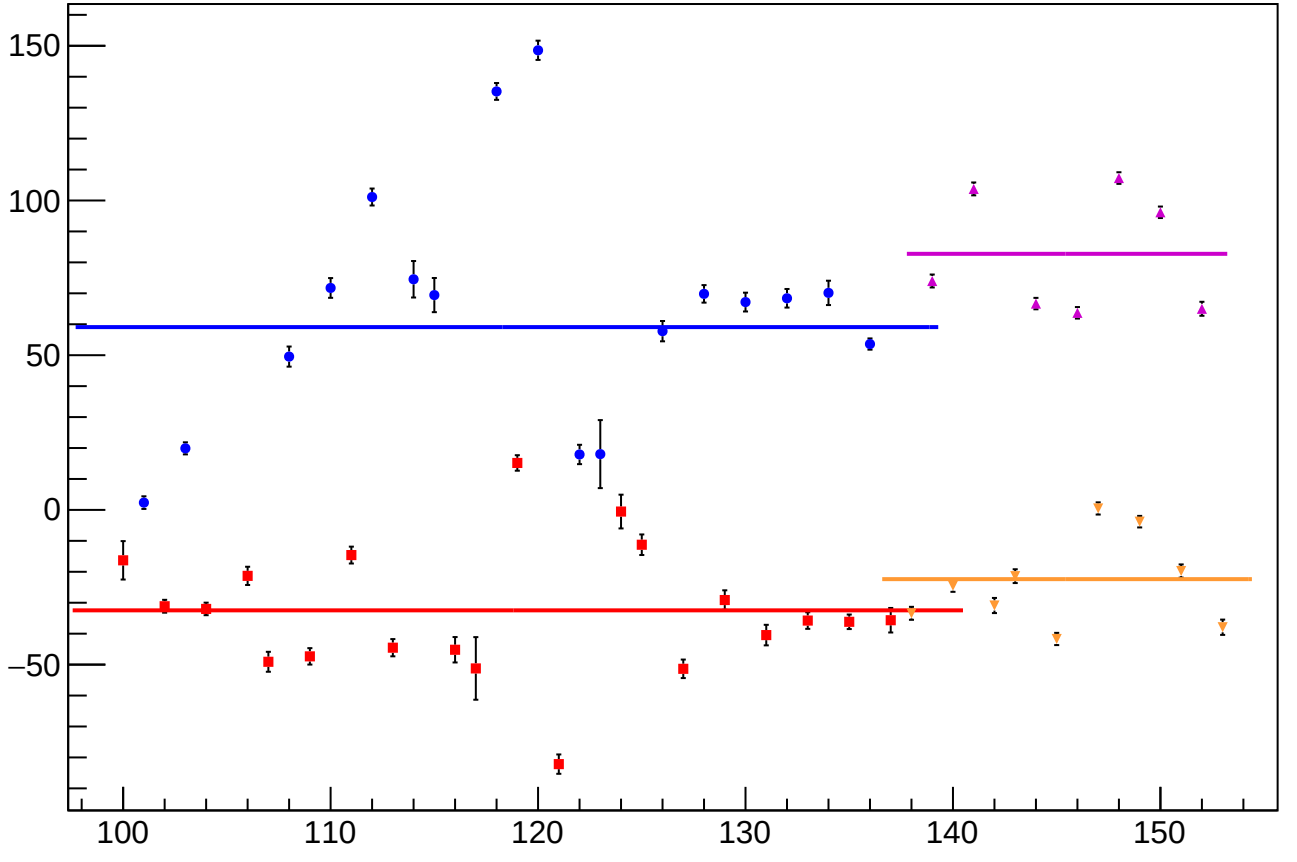
Right Out: 1602.857+/-0.425 χ^2/NDF: 158119.5/19

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

1448.668+/-0.283 χ^2/NDF: 448753.2/25

1445.332+/-0.288 χ^2/NDF: 513593.2/26

diff_bpm0i05X_mean vs Slug



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

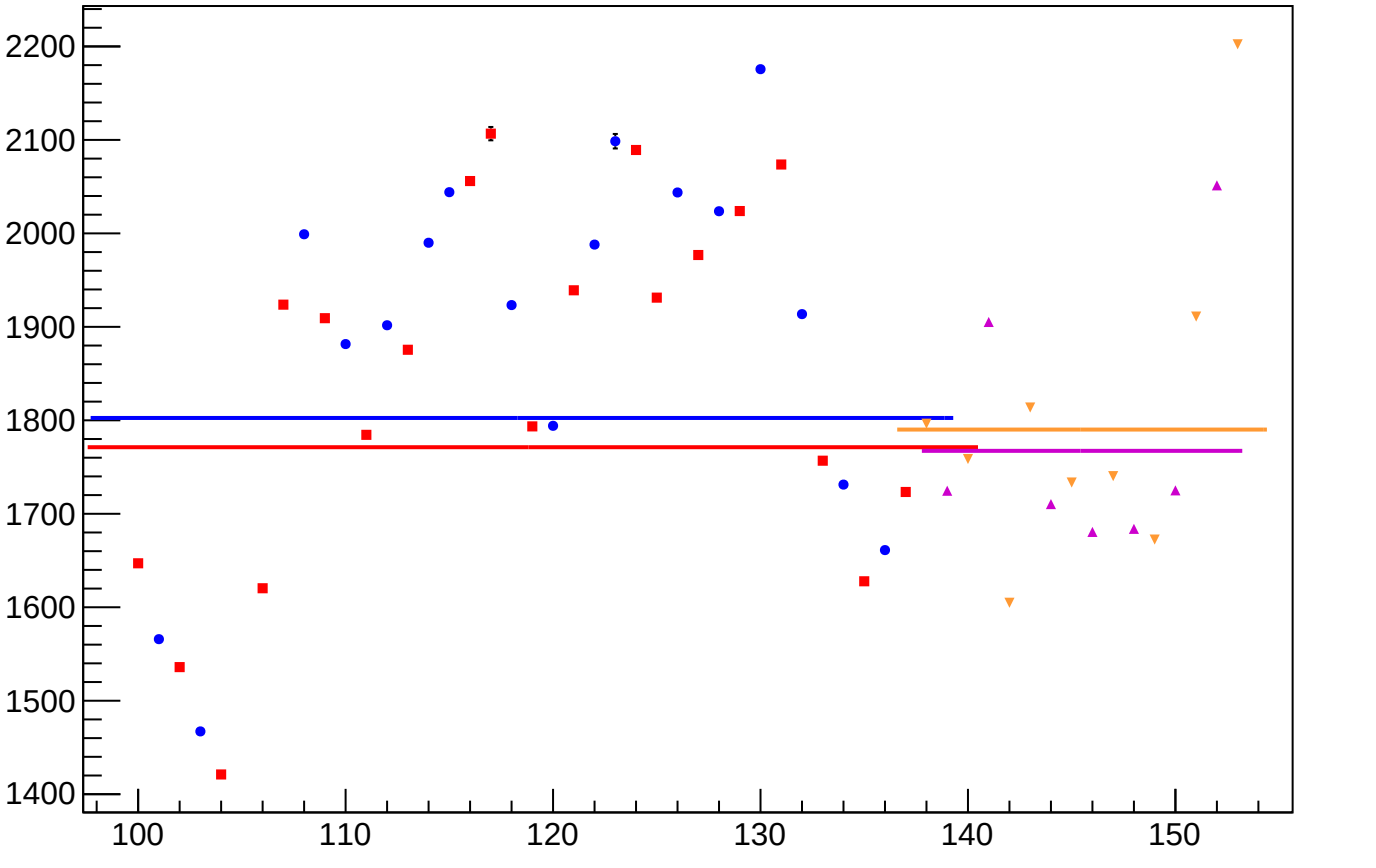
Left Out: -22.376+/-0.701 χ^2/NDF:411.3/8

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

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

18.450+/-0.495 χ^2/NDF: 10469.8/25

18.762+/-0.496 χ^2/NDF: 14824.6/26



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

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

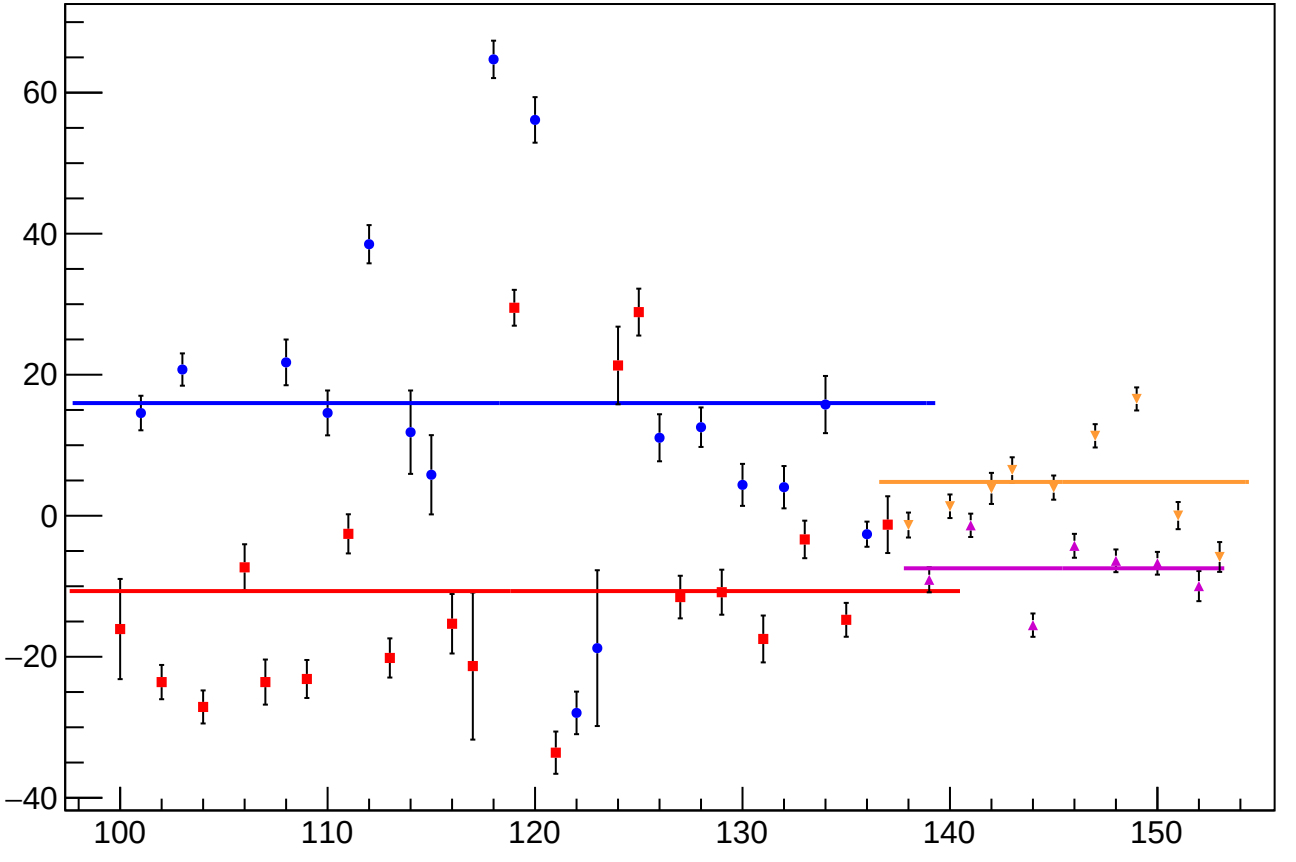
Right Out: 1771.228+/-0.470 χ^2/NDF: 180101.6/19

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

1796.331+/-0.350 χ^2/NDF: 269462.8/25

1769.500+/-0.350 χ^2/NDF: 232536.3/26

diff_bpm0i05Y_mean vs Slug



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

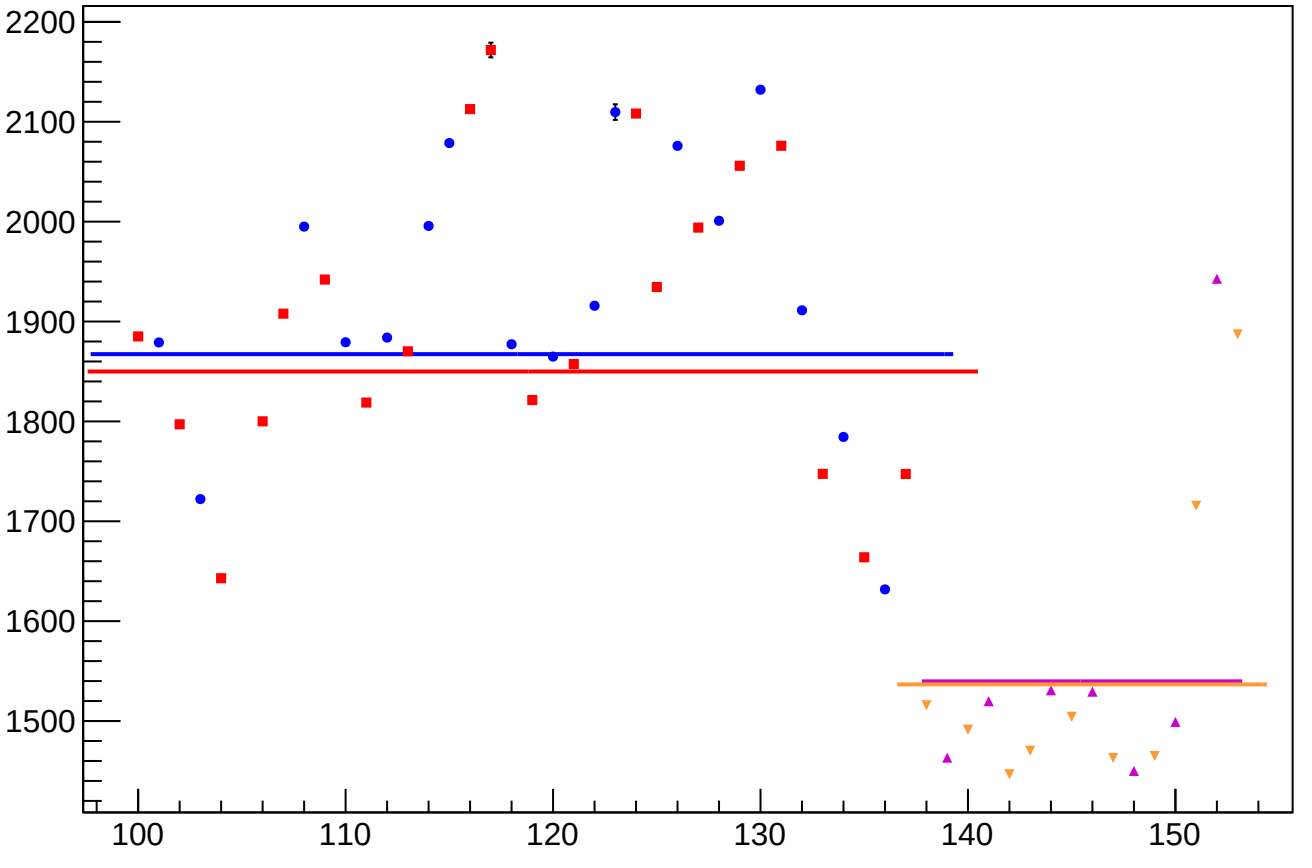
Left Out: 4.794+/-0.601 χ^2/NDF:116.4/8

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

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

9.378+/-0.462 χ^2/NDF: 1196.5/25

-8.962+/-0.473 χ^2/NDF: 698.5/26



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

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

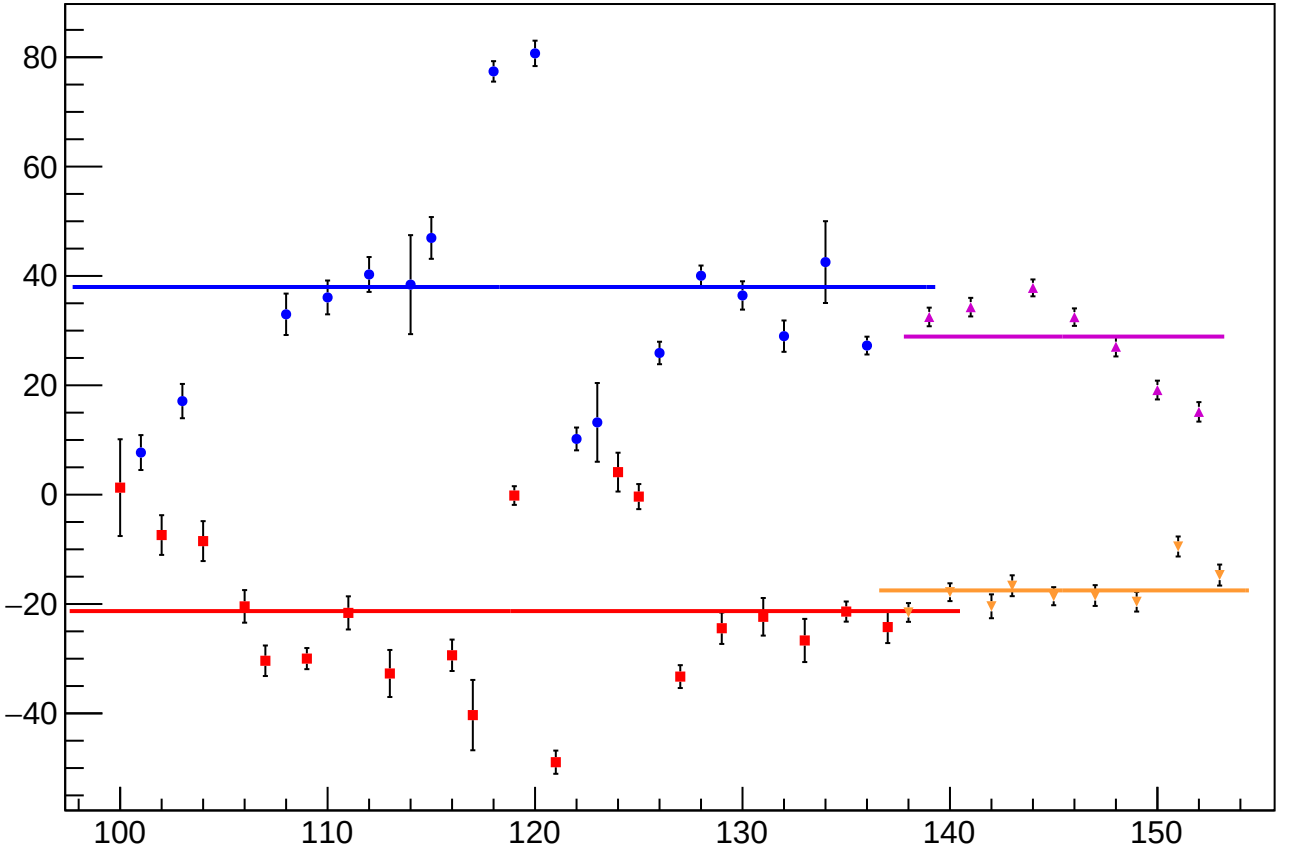
Right Out: 1849.954+/-0.489 χ^2/NDF: 74440.9/19

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

1672.224+/-0.327 χ^2/NDF: 417273.5/25

1684.611+/-0.334 χ^2/NDF: 371676.2/26

diff_bpm0i07X_mean vs Slug



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

Left Out: -17.513+/-0.606 χ^2/NDF:30.9/8

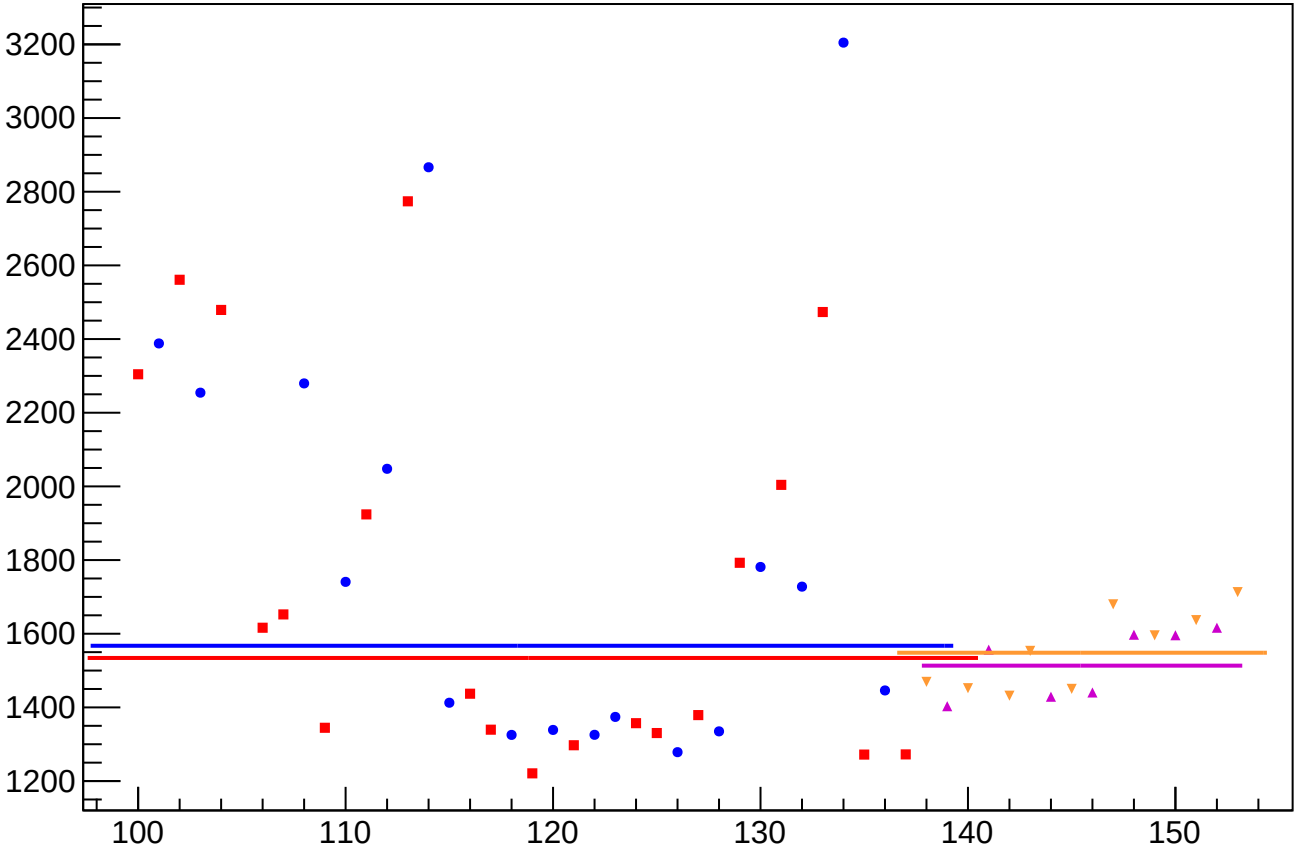
Right Out: -21.294+/-0.606 χ^2/NDF: 582.5/19

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

8.825+/-0.439 χ^2/NDF: 5217.6/25

2.570+/-0.439 χ^2/NDF: 3994.7/26

diff_bpm0i07X_rms vs Slug



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

Left Out: 1548.442+/-0.428 χ^2/NDF:54289.3/8

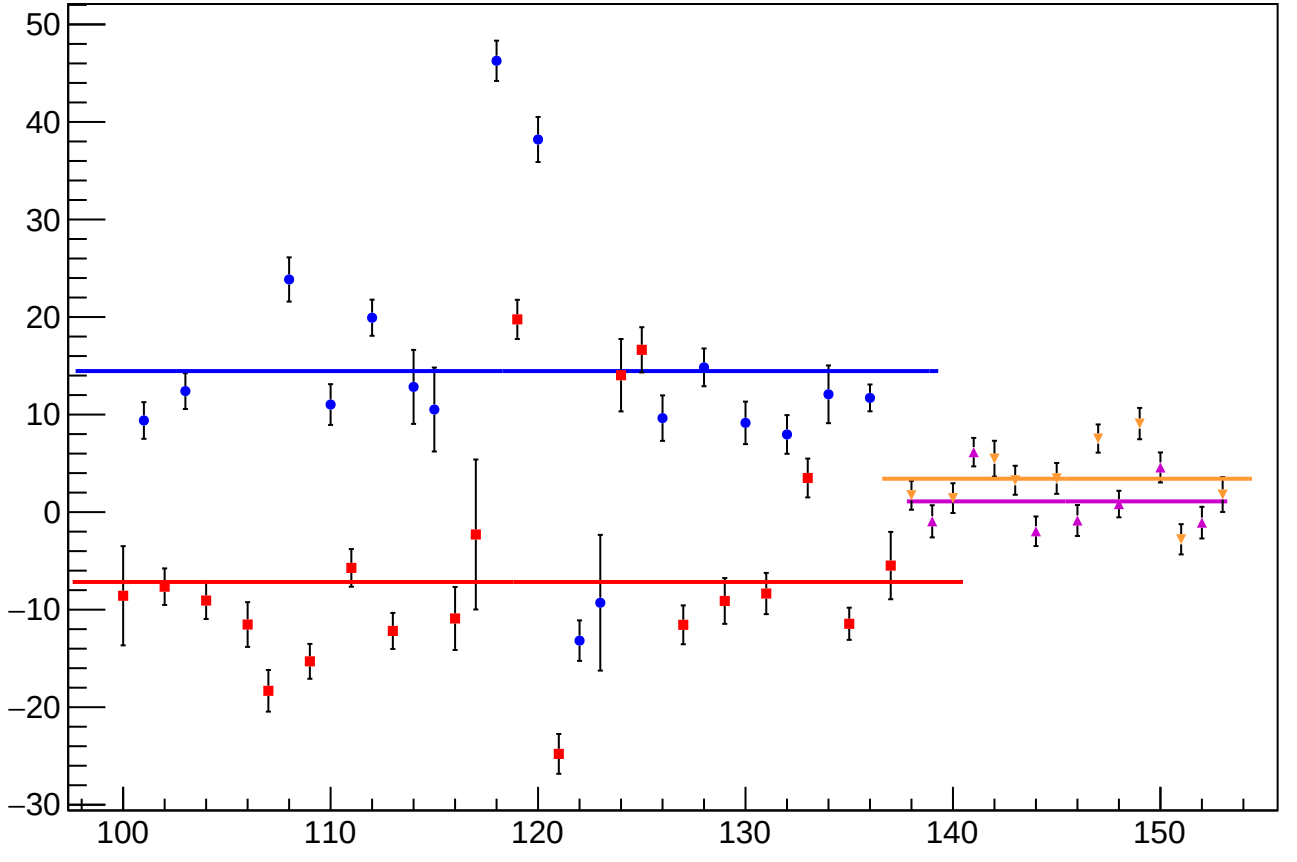
Right Out: 1534.225+/-0.428 χ^2/NDF: 883947.6/19

Left In: 1513.357+/-0.450 χ^2/NDF:35517.7/6

1557.406+/-0.310 χ^2/NDF: 728662.6/25

1524.306+/-0.310 χ^2/NDF: 920594.0/26

diff_bpm0i07Y_mean vs Slug



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

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

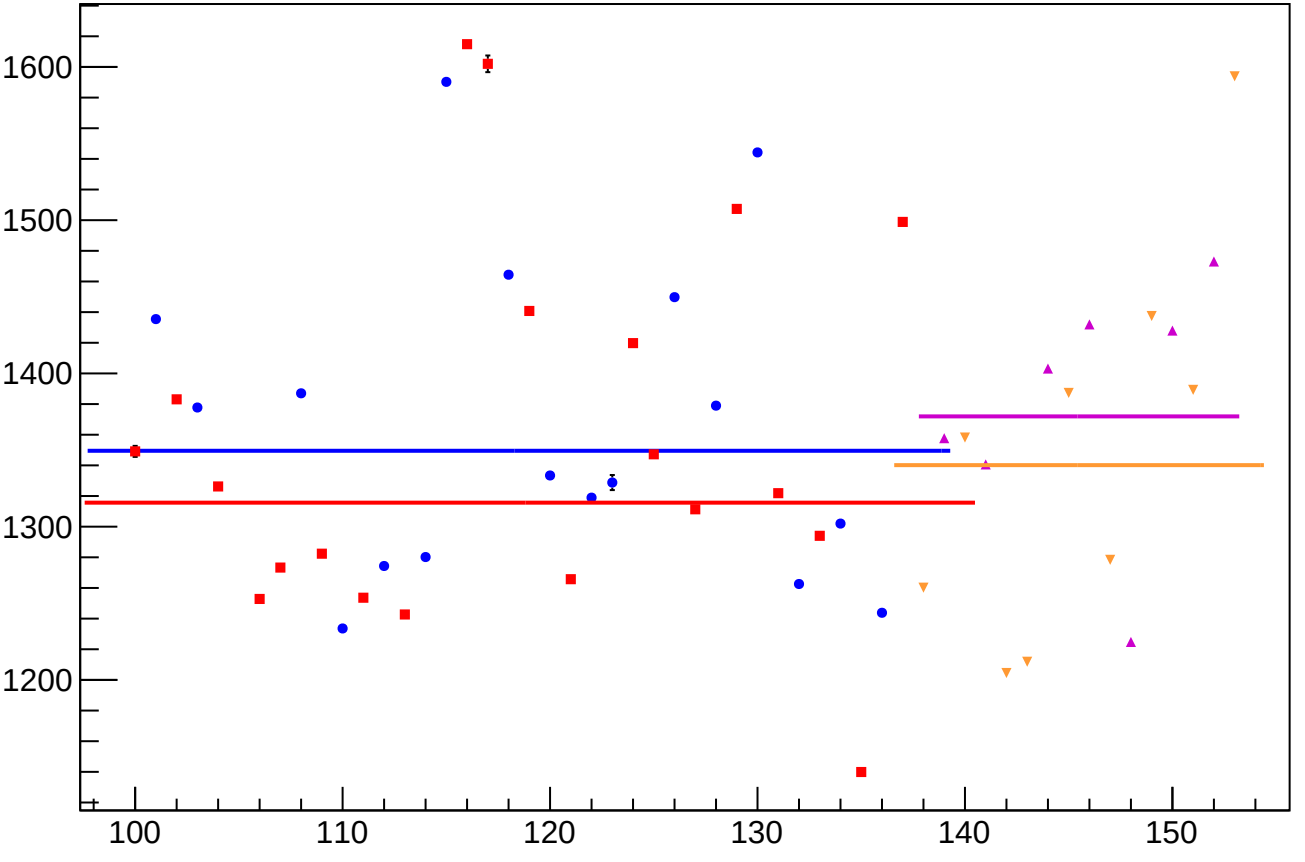
Right Out: -7.161+/-0.493 χ^2/NDF: 496.1/19

Left In: 1.101+/-0.576 χ^2/NDF:26.0/6

8.960+/-0.371 χ^2/NDF: 859.4/25

-3.668+/-0.375 χ^2/NDF: 640.7/26

diff_bpm0i07Y_rms vs Slug



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

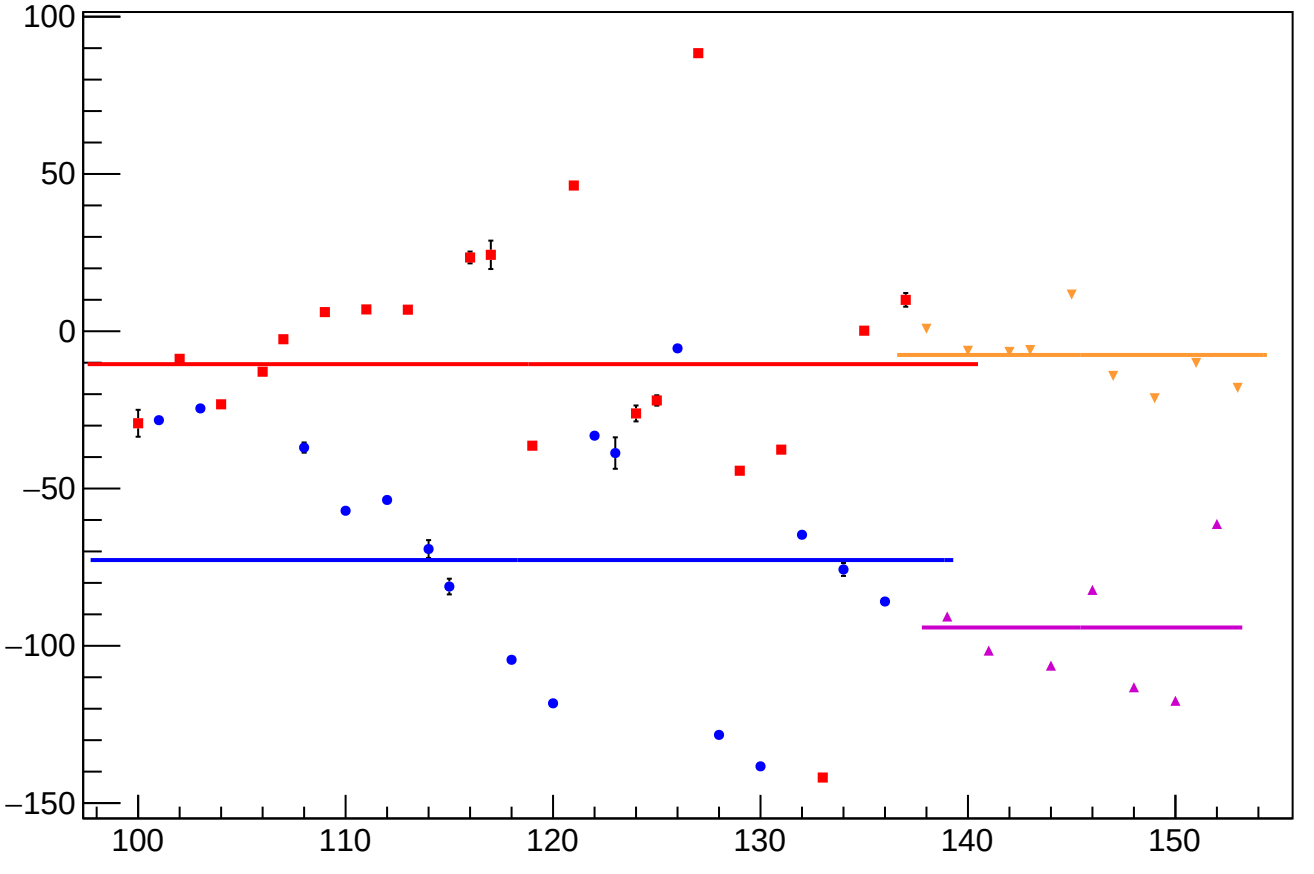
Left Out: 1340.150+/-0.371 χ^2/NDF:87063.4/8

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

Left In: 1371.962+/-0.408 χ^2/NDF:38544.3/6

1344.851+/-0.262 χ^2/NDF: 152050.8/25

1339.467+/-0.265 χ^2/NDF: 133291.7/26



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

Left Out: -7.533+/-0.366 χ^2/NDF:666.4/8

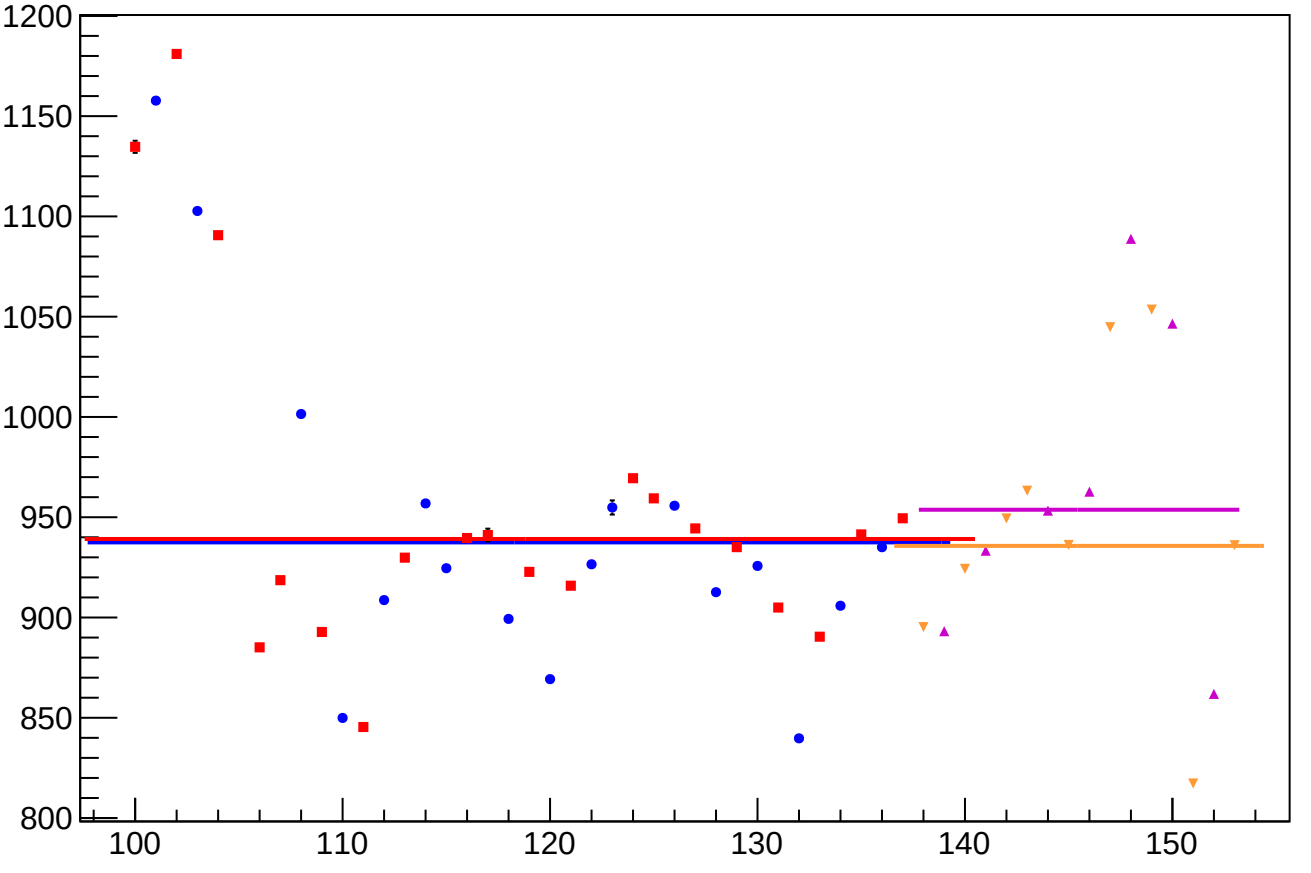
Right Out: -10.459+/-0.351 χ^2/NDF: 18230.6/19

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

-40.451+/-0.257 χ^2/NDF: 28392.9/25

-46.833+/-0.264 χ^2/NDF: 45113.3/26

diff_bpm1i02X_rms vs Slug



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

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

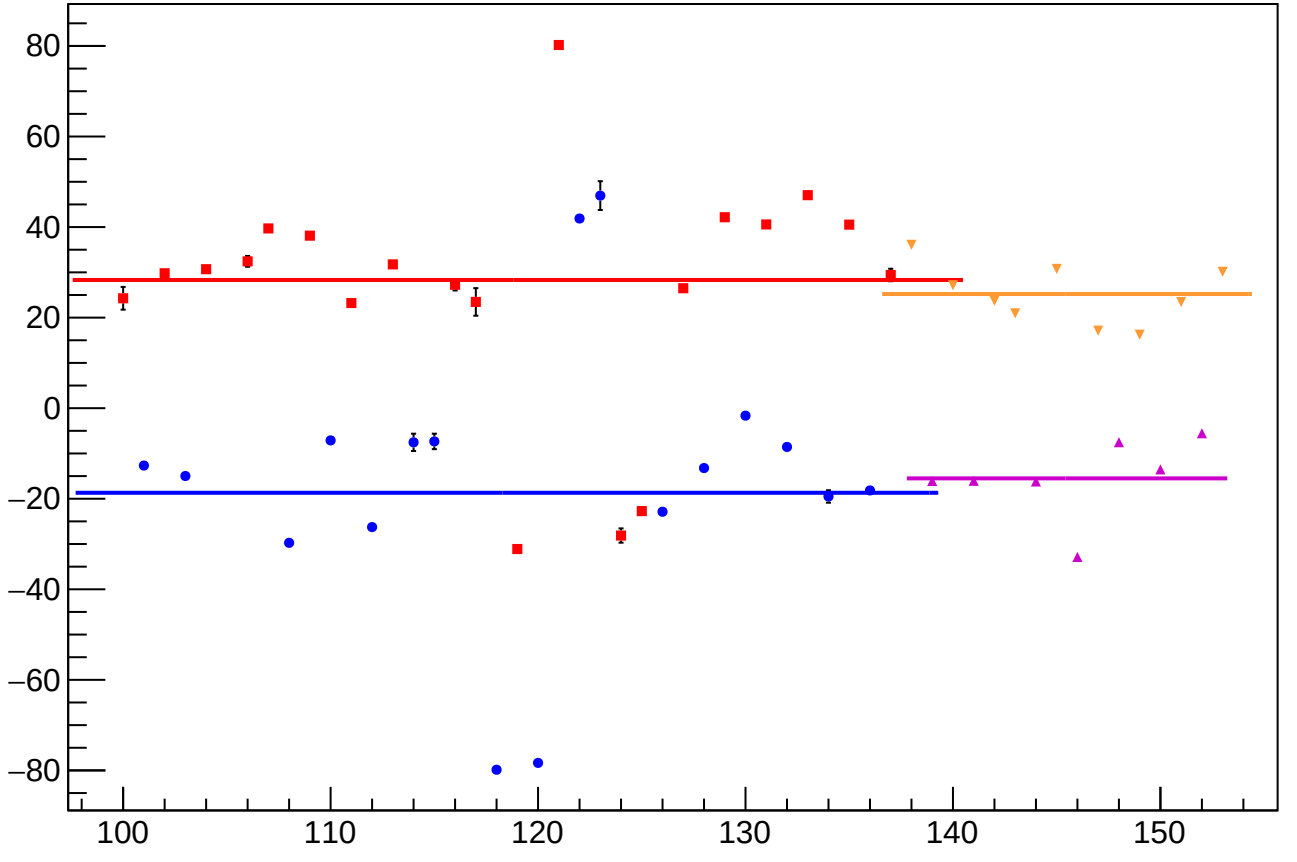
Right Out: 939.152+/-0.248 χ^2/NDF: 90253.6/19

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

936.590+/-0.182 χ^2/NDF: 173763.0/25

945.490+/-0.187 χ^2/NDF: 156176.8/26

diff_bpm1i02Y_mean vs Slug



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

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

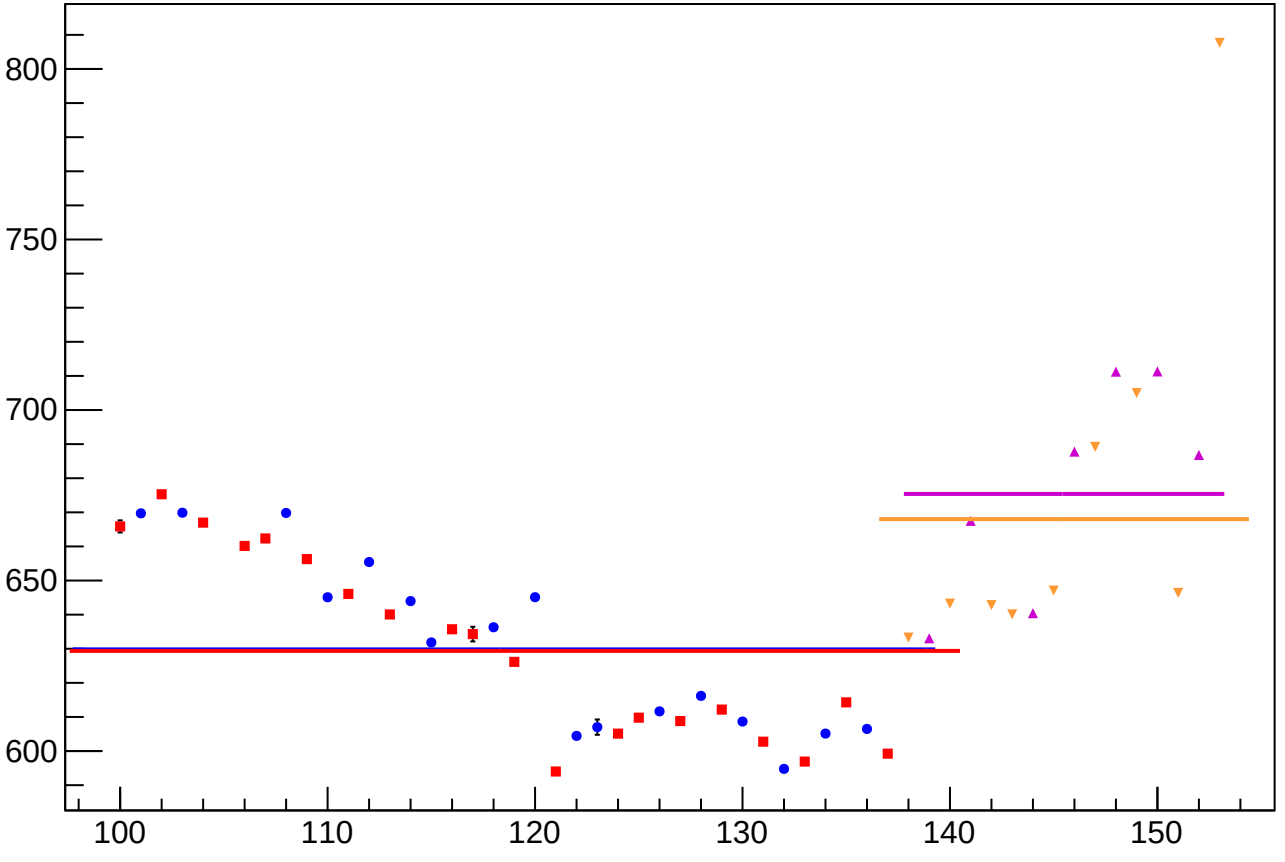
Right Out: 28.318+/-0.235 χ^2/NDF: 12510.6/19

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

1.655+/-0.178 χ^2/NDF: 28753.0/25

10.488+/-0.181 χ^2/NDF: 27489.6/26

diff_bpm1i02Y_rms vs Slug



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

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

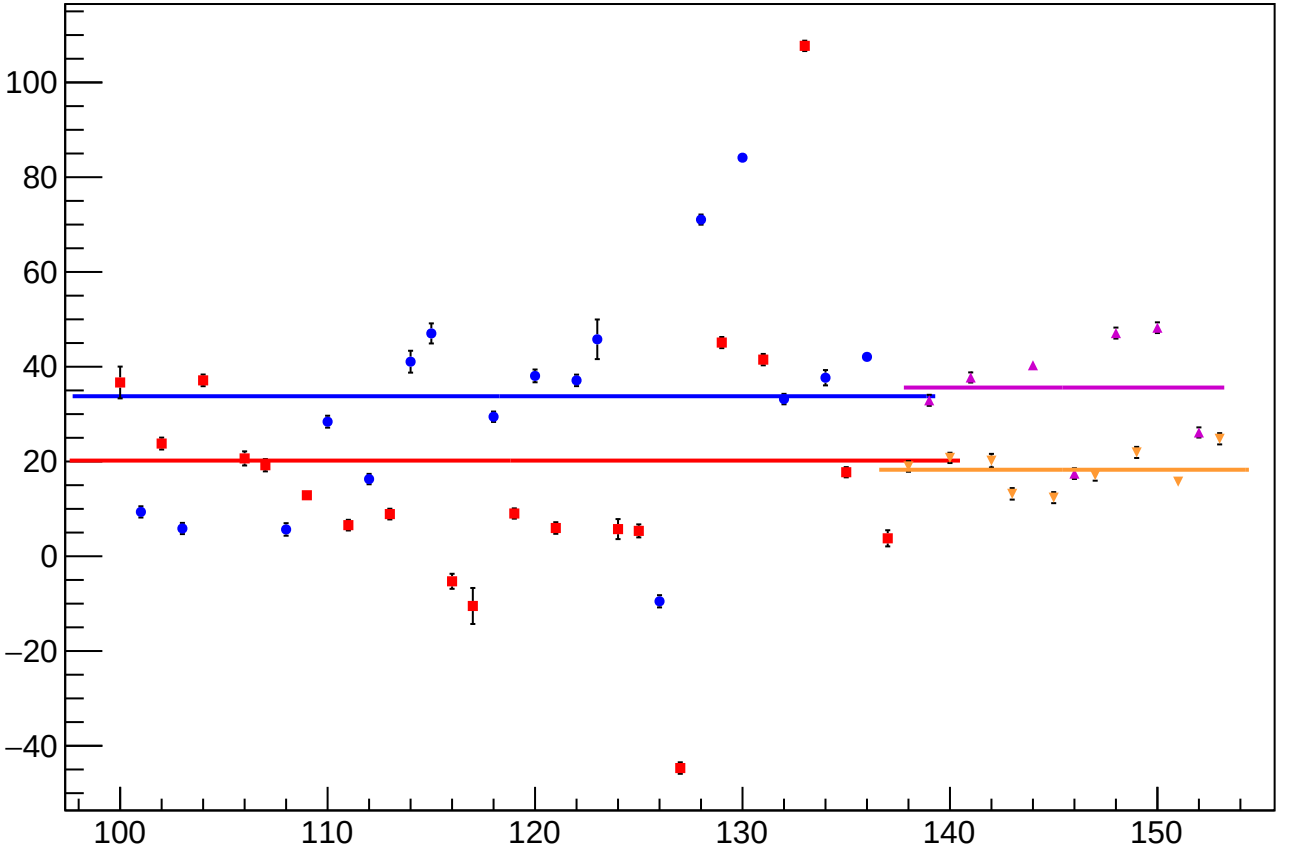
Right Out: 629.370+/-0.166 χ^2/NDF: 25543.7/19

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

647.514+/-0.126 χ^2/NDF: 113328.3/25

648.095+/-0.128 χ^2/NDF: 77779.9/26

diff_bpm1i04X_mean vs Slug



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

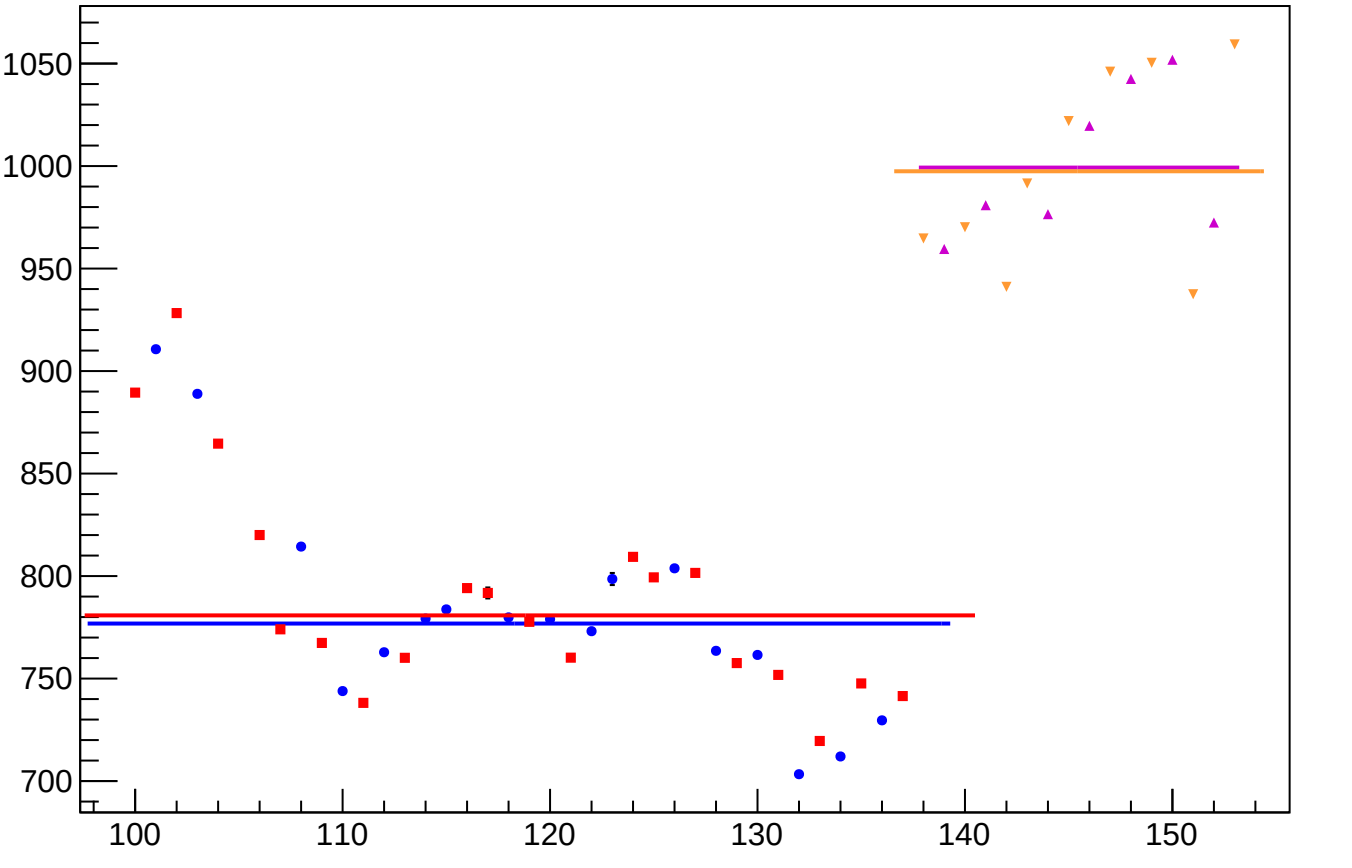
Left Out: 18.260+/-0.389 χ^2/NDF:97.2/8

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

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

27.995+/-0.238 χ^2/NDF: 7581.7/25

25.222+/-0.239 χ^2/NDF: 12853.5/26



Right In: 776.838+/-0.212 χ^2/NDF: 67487.1/16

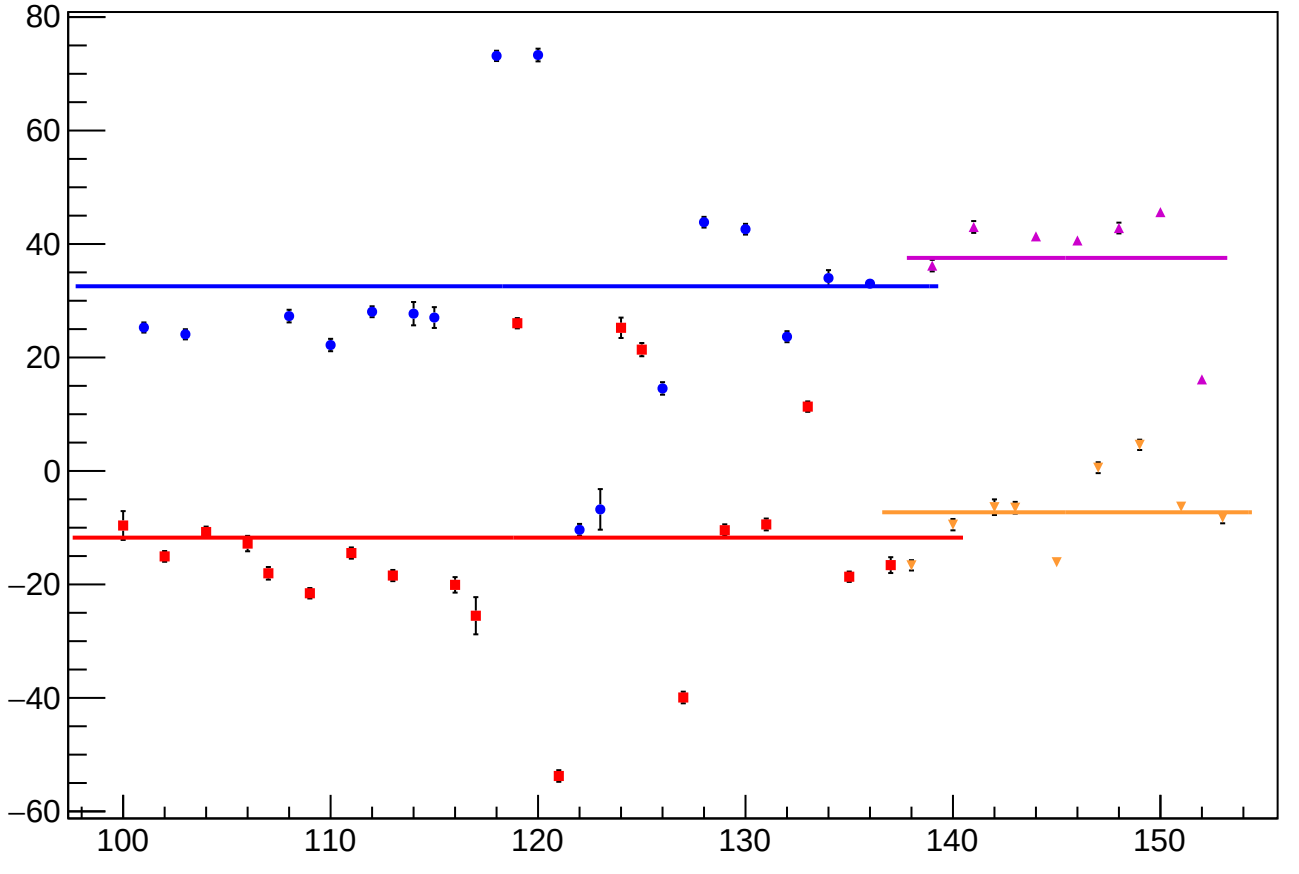
Left Out: 997.456+/-0.275 χ^2/NDF:26425.1/8

Right Out: 780.820+/-0.206 χ^2/NDF: 57445.6/19

Left In: 999.250+/-0.296 χ^2/NDF:12852.7/6

859.008+/-0.168 χ^2/NDF: 497045.0/25

852.100+/-0.169 χ^2/NDF: 436363.0/26



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

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

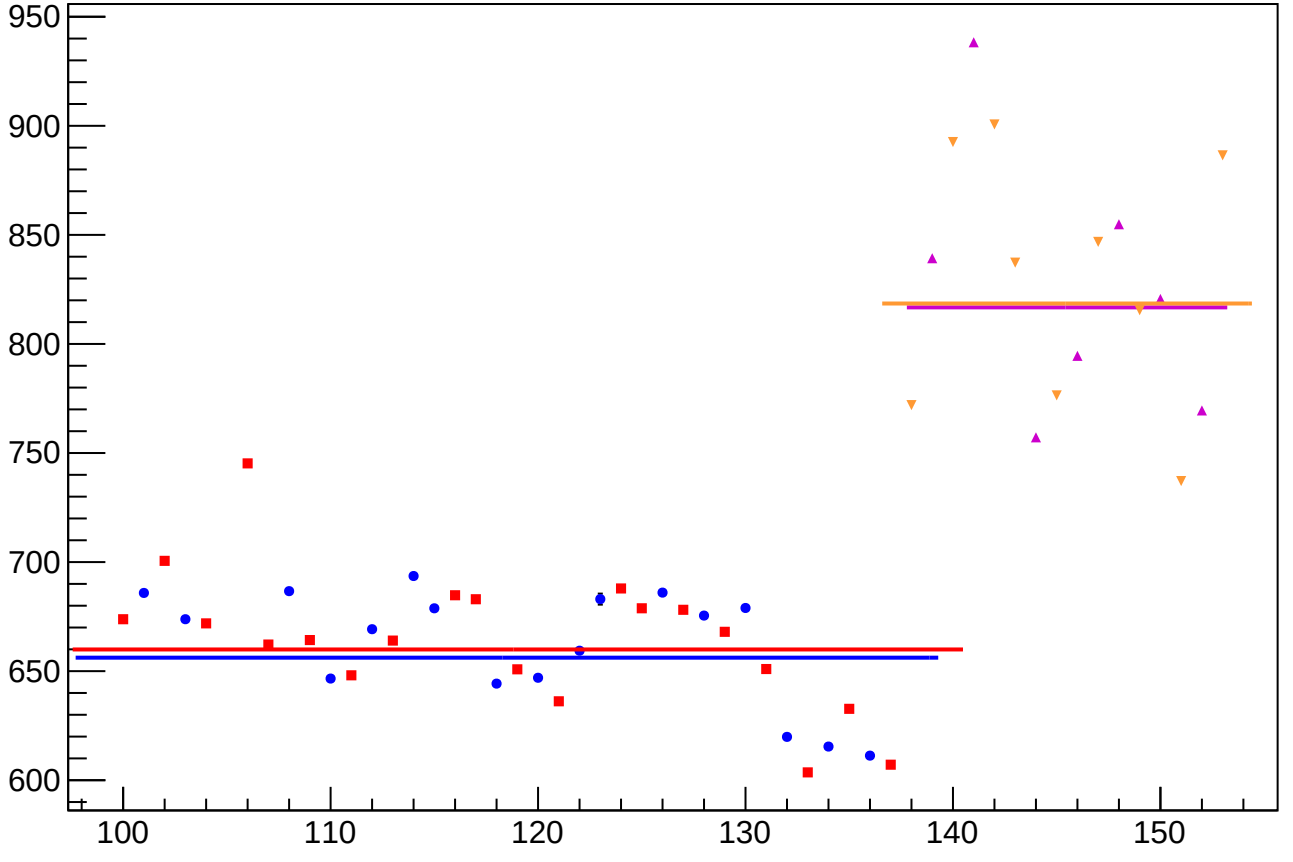
Right Out: -11.752+/-0.246 χ^2/NDF: 6375.4/19

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

17.273+/-0.199 χ^2/NDF: 16042.3/25

4.898+/-0.200 χ^2/NDF: 20715.1/26

diff_bpm1i04Y_rms vs Slug



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

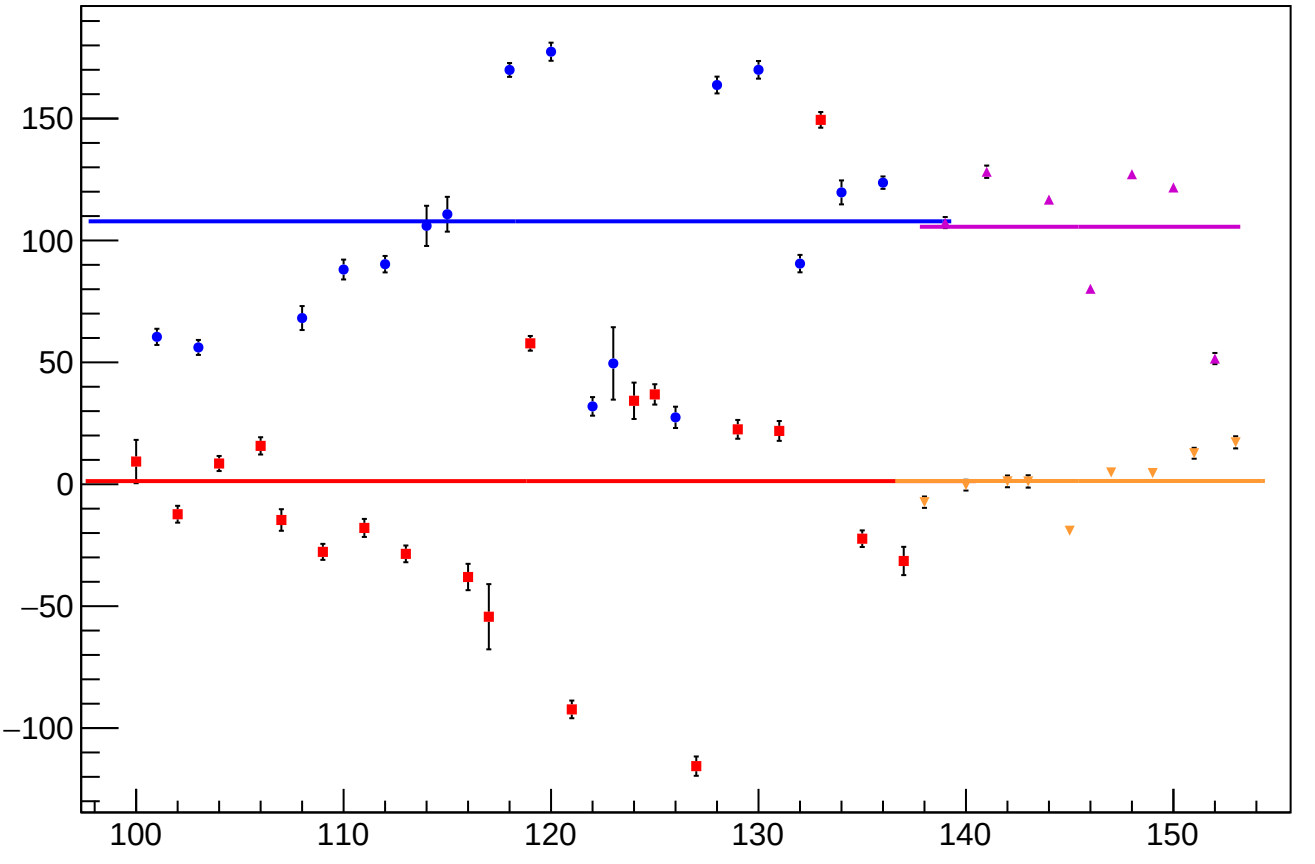
Left Out: 818.537+/-0.227 χ^2/NDF:59068.0/8

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

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

718.453+/-0.140 χ^2/NDF: 398884.4/25

712.901+/-0.142 χ^2/NDF: 351461.6/26



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

Left Out: 1.352+/-0.713 χ^2/NDF:189.4/8

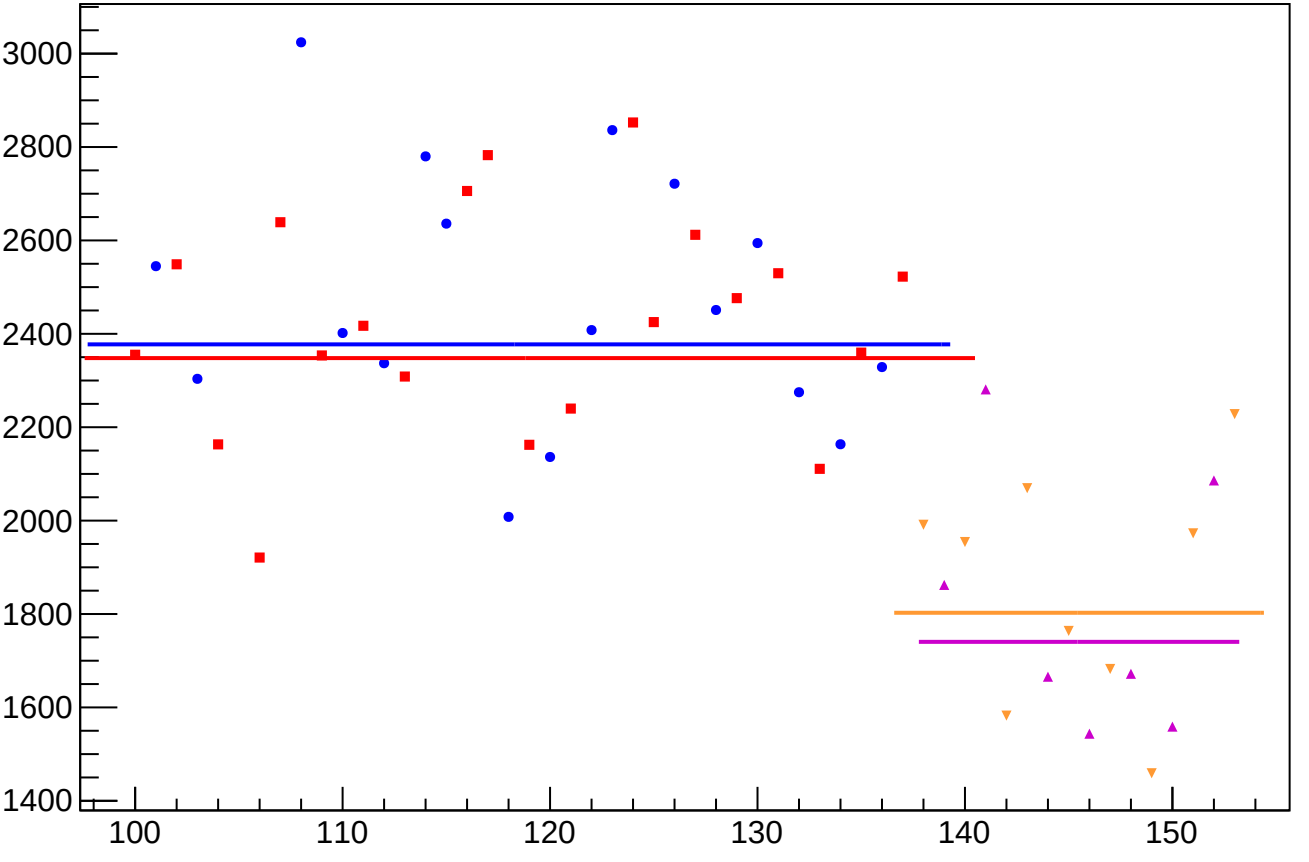
Right Out: 1.299+/-0.881 χ^2/NDF: 4541.1/19

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

41.215+/-0.564 χ^2/NDF: 11355.2/25

62.344+/-0.568 χ^2/NDF: 13851.9/26

diff_bpm1i06X_rms vs Slug



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

Left Out: 1802.674+/-0.504 χ^2/NDF:227780.9/8

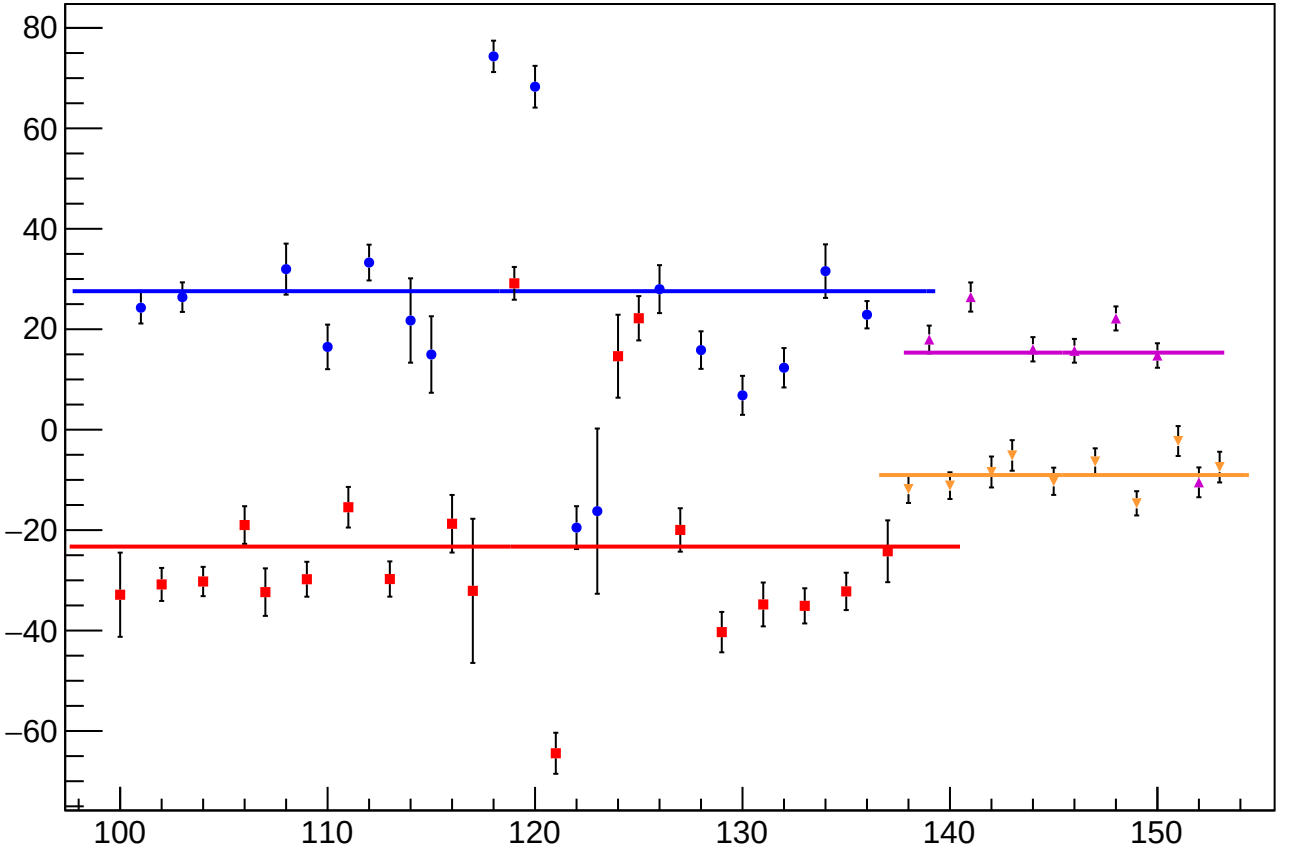
Right Out: 2348.017+/-0.623 χ^2/NDF: 110379.6/19

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

2017.802+/-0.399 χ^2/NDF: 834204.4/25

1992.444+/-0.401 χ^2/NDF: 864527.1/26

diff_bpm1i06Y_mean vs Slug



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

Left Out: -9.028+/-0.929 χ^2/NDF:15.5/8

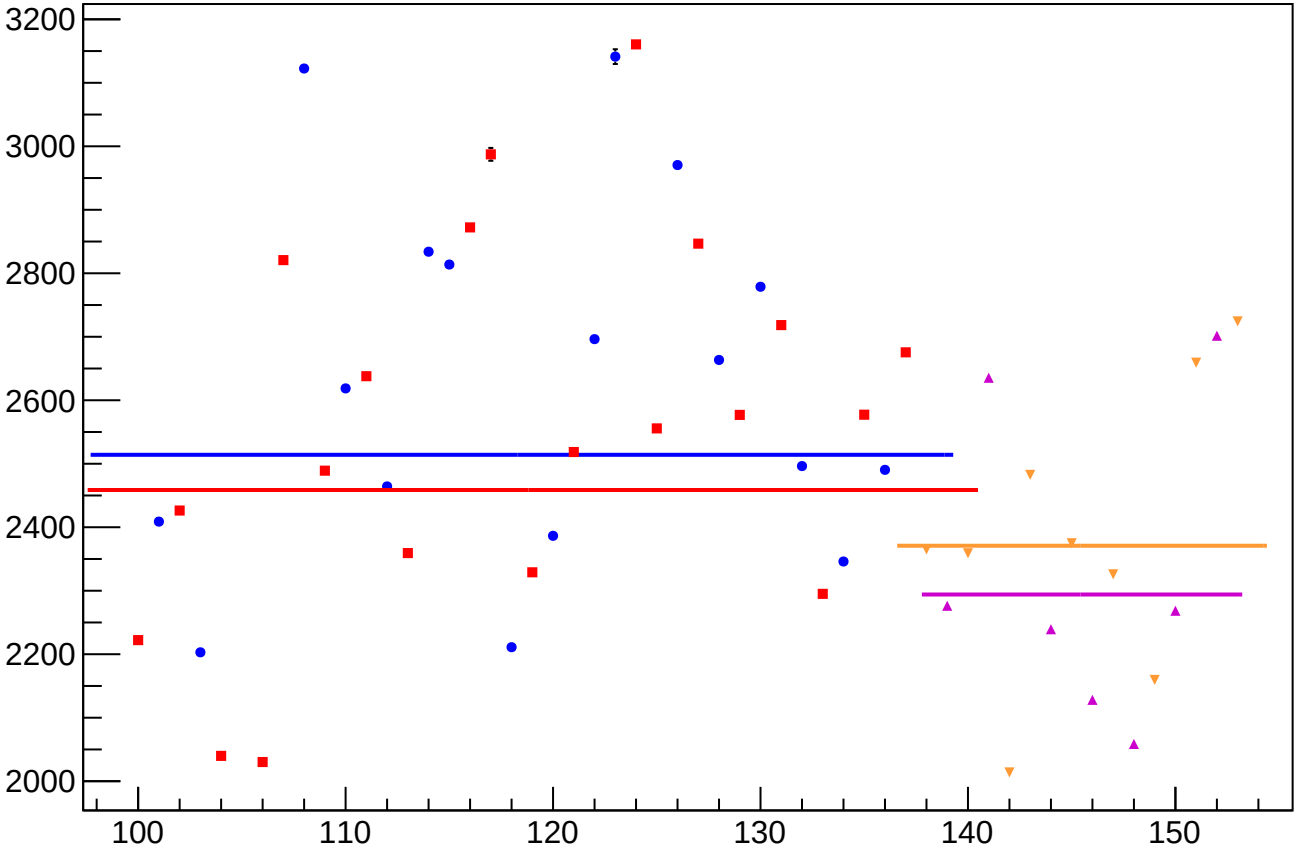
Right Out: -23.280+/-0.925 χ^2/NDF: 558.2/19

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

8.400+/-0.673 χ^2/NDF: 1273.8/25

-4.958+/-0.671 χ^2/NDF: 1484.5/26

diff_bpm1i06Y_rms vs Slug



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

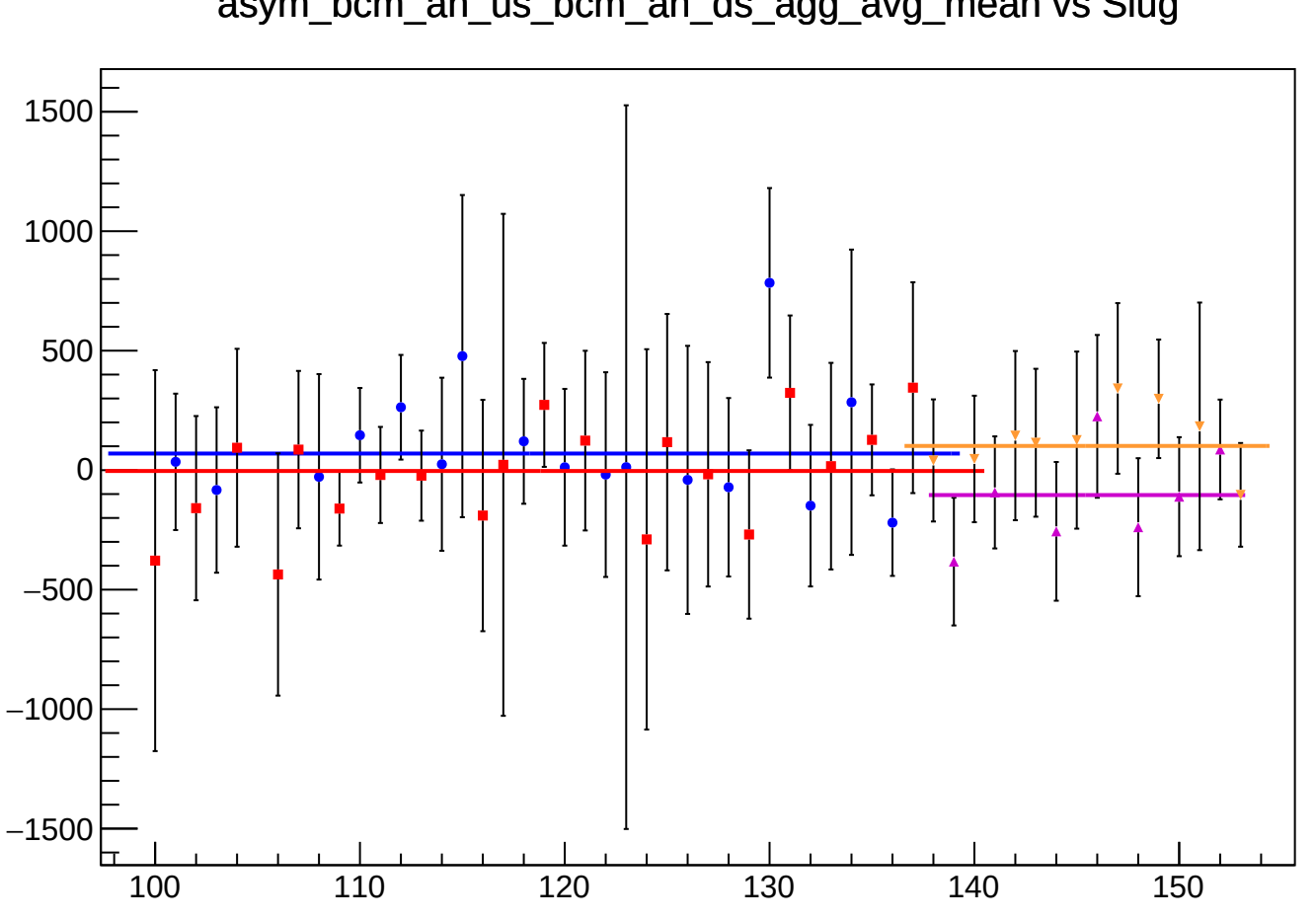
Left Out: 2370.879+/-0.657 χ^2/NDF:91050.3/8

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

Left In: 2294.045+/-0.689 χ^2/NDF:95918.5/6

2439.064+/-0.476 χ^2/NDF: 234626.7/25

2380.568+/-0.474 χ^2/NDF: 278423.4/26



Right In: 69.587+/-79.023 χ^2/NDF: 7.3/16

Left Out: 101.399+/-97.881 χ^2/NDF:2.1/8

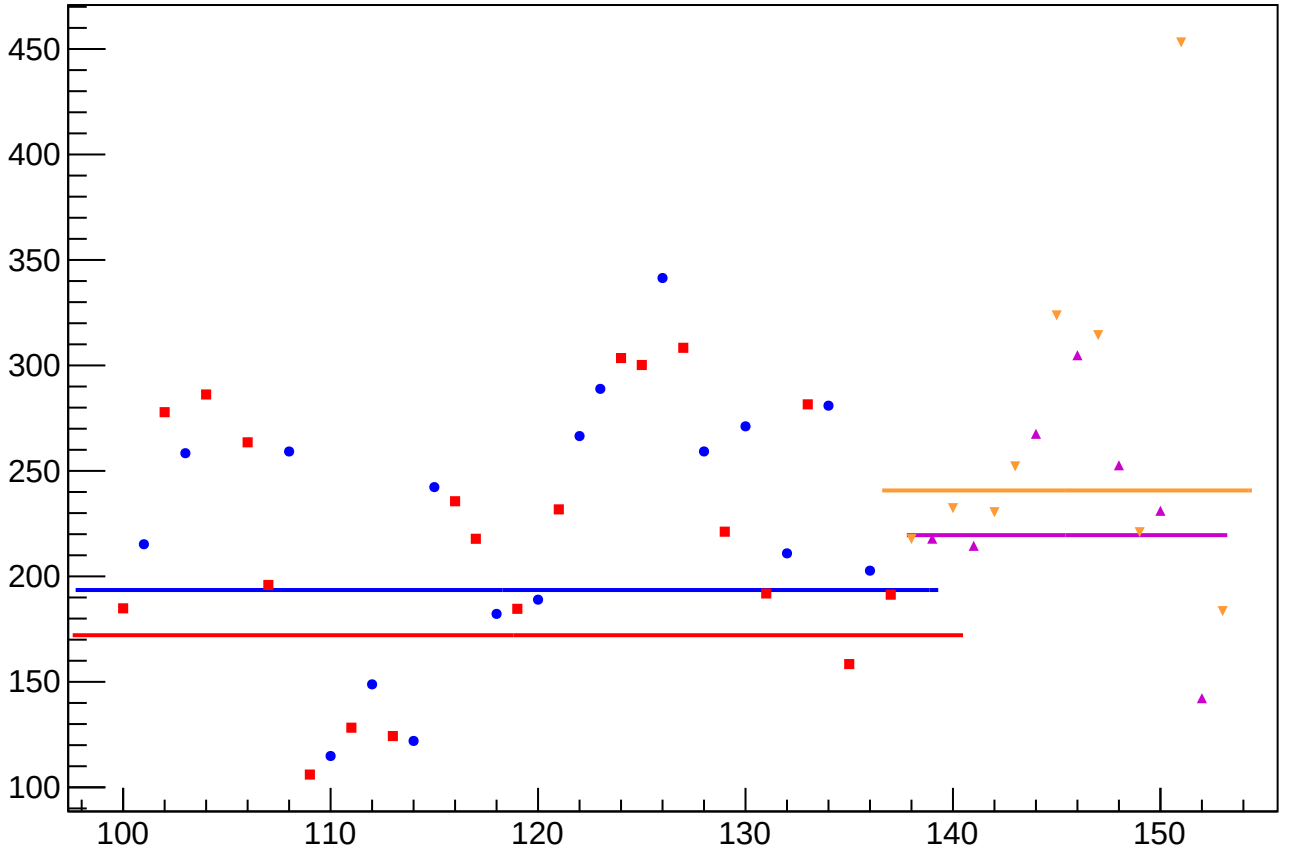
Right Out: -3.448+/-69.825 χ^2/NDF: 6.4/19

Left In: -104.208+/-98.176 χ^2/NDF:3.3/6

82.140+/-61.486 χ^2/NDF: 9.5/25

-37.295+/-56.901 χ^2/NDF: 10.4/26

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



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

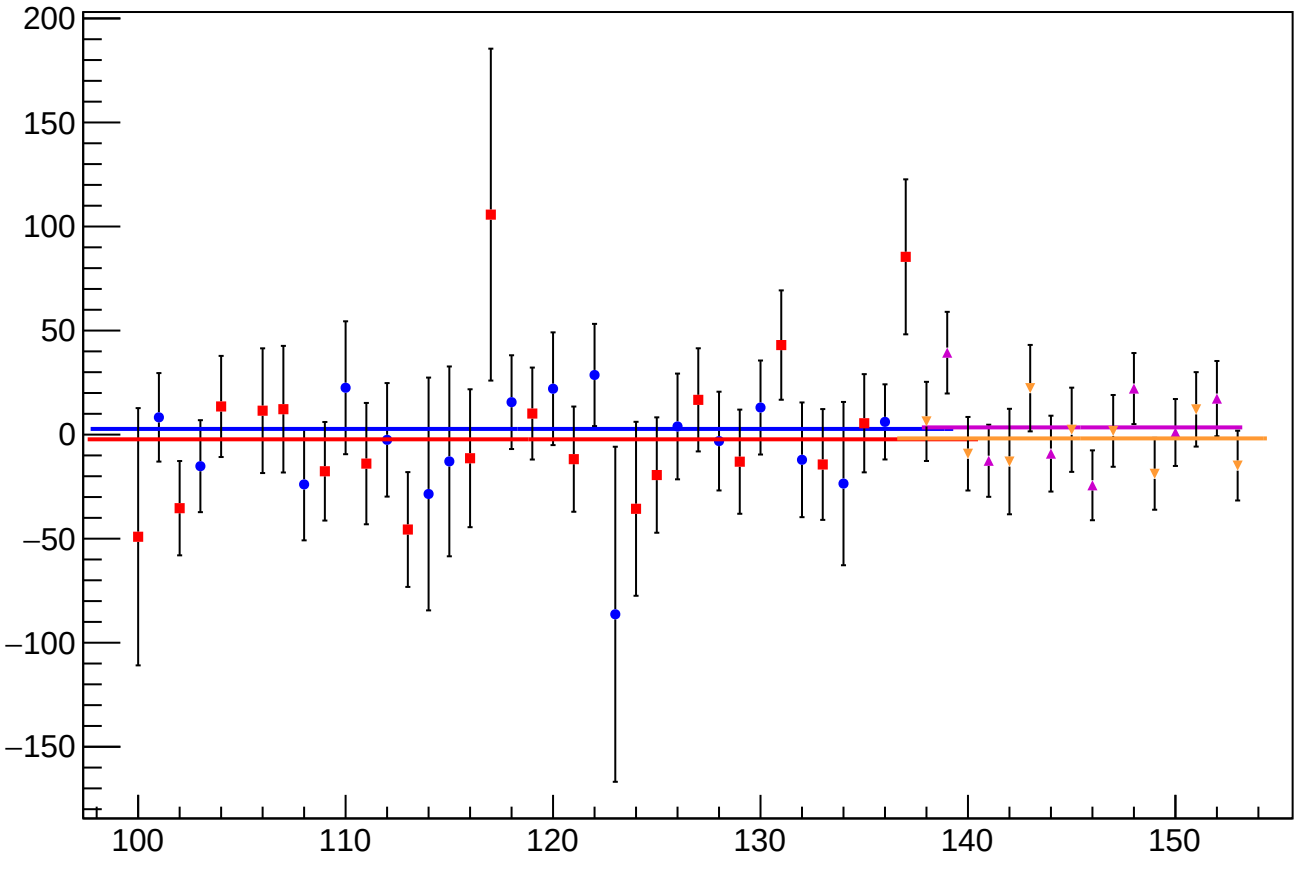
Left Out: 240.730+/-0.069 χ^2/NDF:696026.7/8

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

Left In: 219.548+/-0.069 χ^2/NDF:486121.9/6

212.157+/-0.043 χ^2/NDF: 1987967.4/25

188.041+/-0.040 χ^2/NDF: 2376985.8/26



Right In: 2.733+/-6.424 χ^2/NDF: 6.8/16

Left Out: -1.820+/-6.240 χ^2/NDF:4.2/8

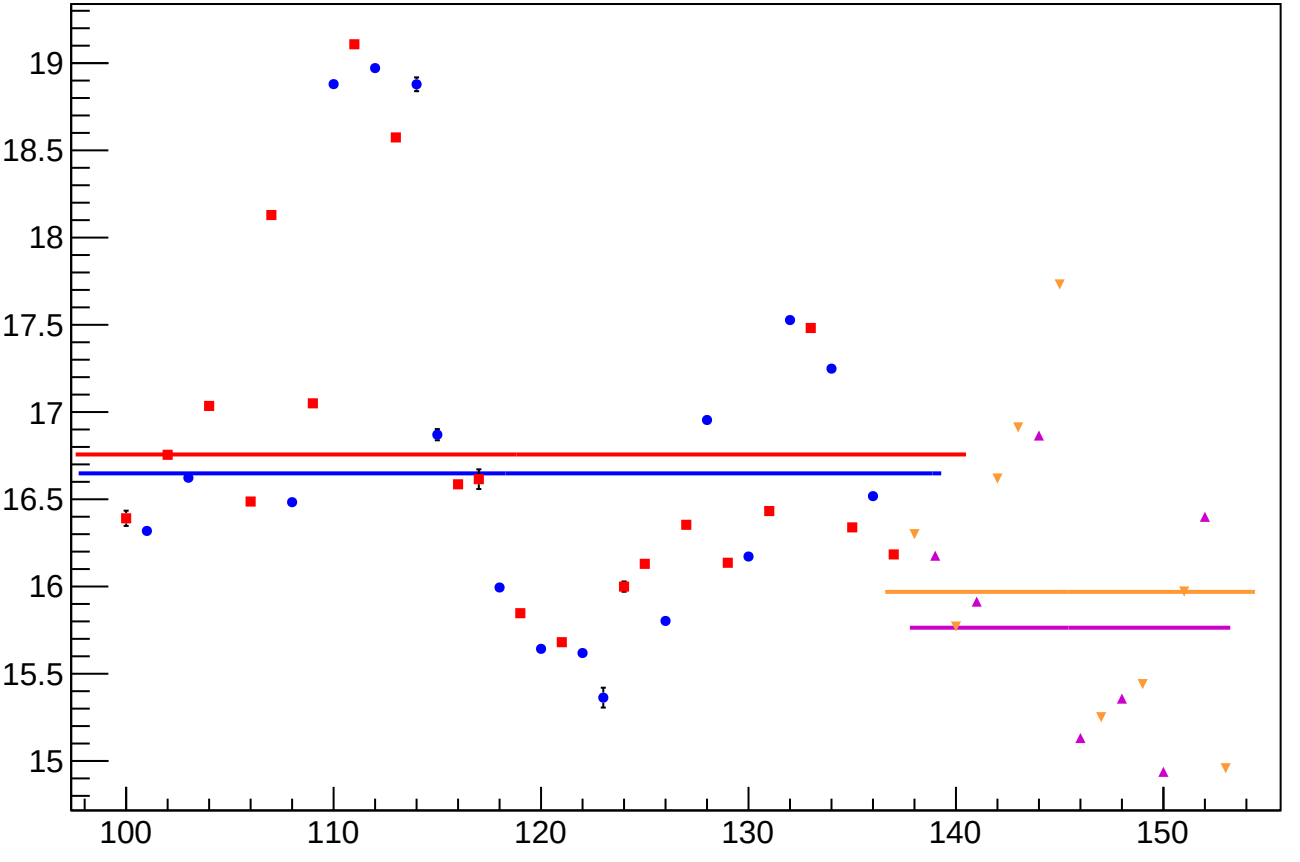
Right Out: -2.259+/-6.259 χ^2/NDF: 19.6/19

Left In: 3.470+/-6.617 χ^2/NDF:9.2/6

0.390+/-4.476 χ^2/NDF: 11.2/25

0.447+/-4.547 χ^2/NDF: 29.2/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.649+/-0.005 χ^2/NDF: 42566.9/16

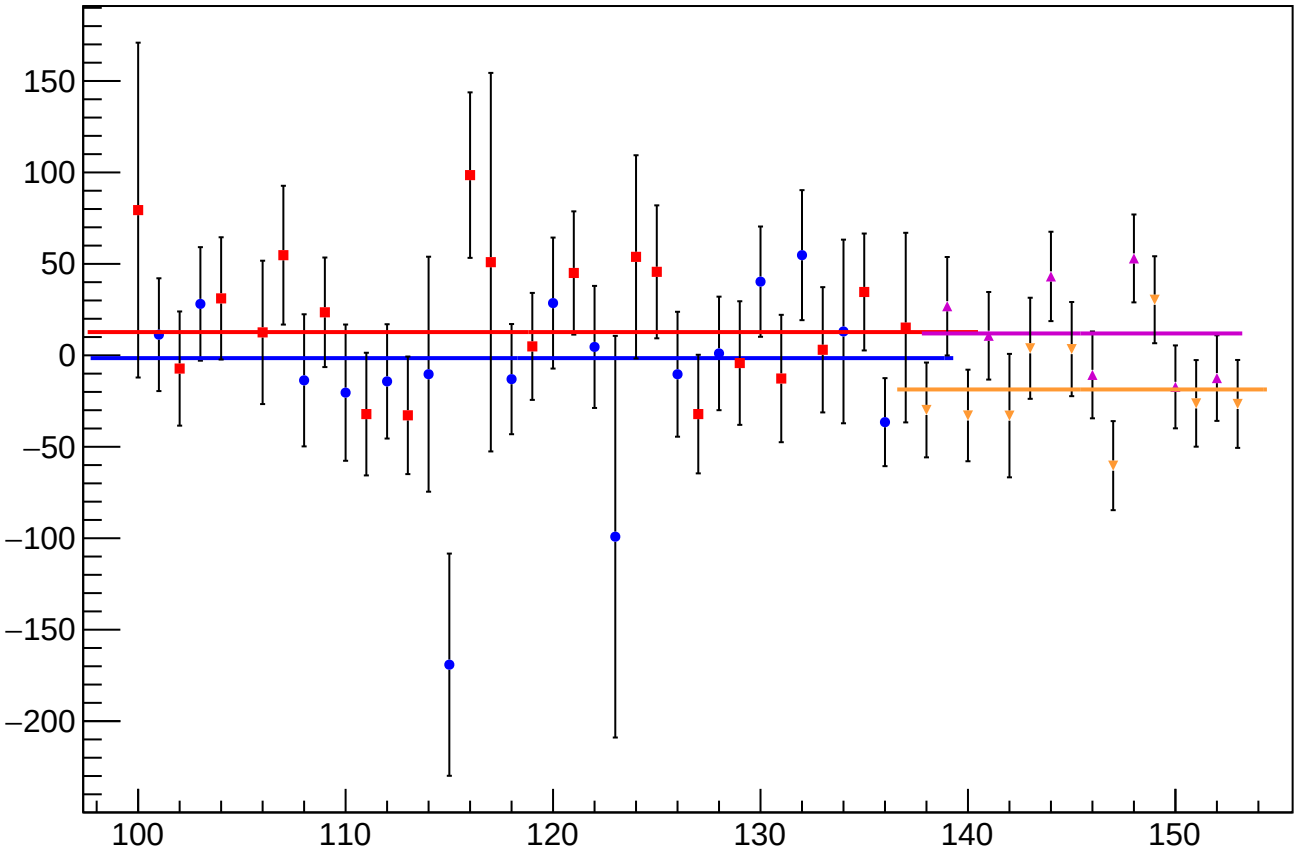
Left Out: 15.969+/-0.004 χ^2/NDF:34083.3/8

Right Out: 16.757+/-0.004 χ^2/NDF: 39957.1/19

Left In: 15.764+/-0.005 χ^2/NDF:20051.2/6

16.299+/-0.003 χ^2/NDF: 88153.6/25

16.288+/-0.003 χ^2/NDF: 83778.1/26



Right In: -1.523+/-8.485 χ^2/NDF: 17.6/16

Left Out: -18.652+/-8.527 χ^2/NDF:9.5/8

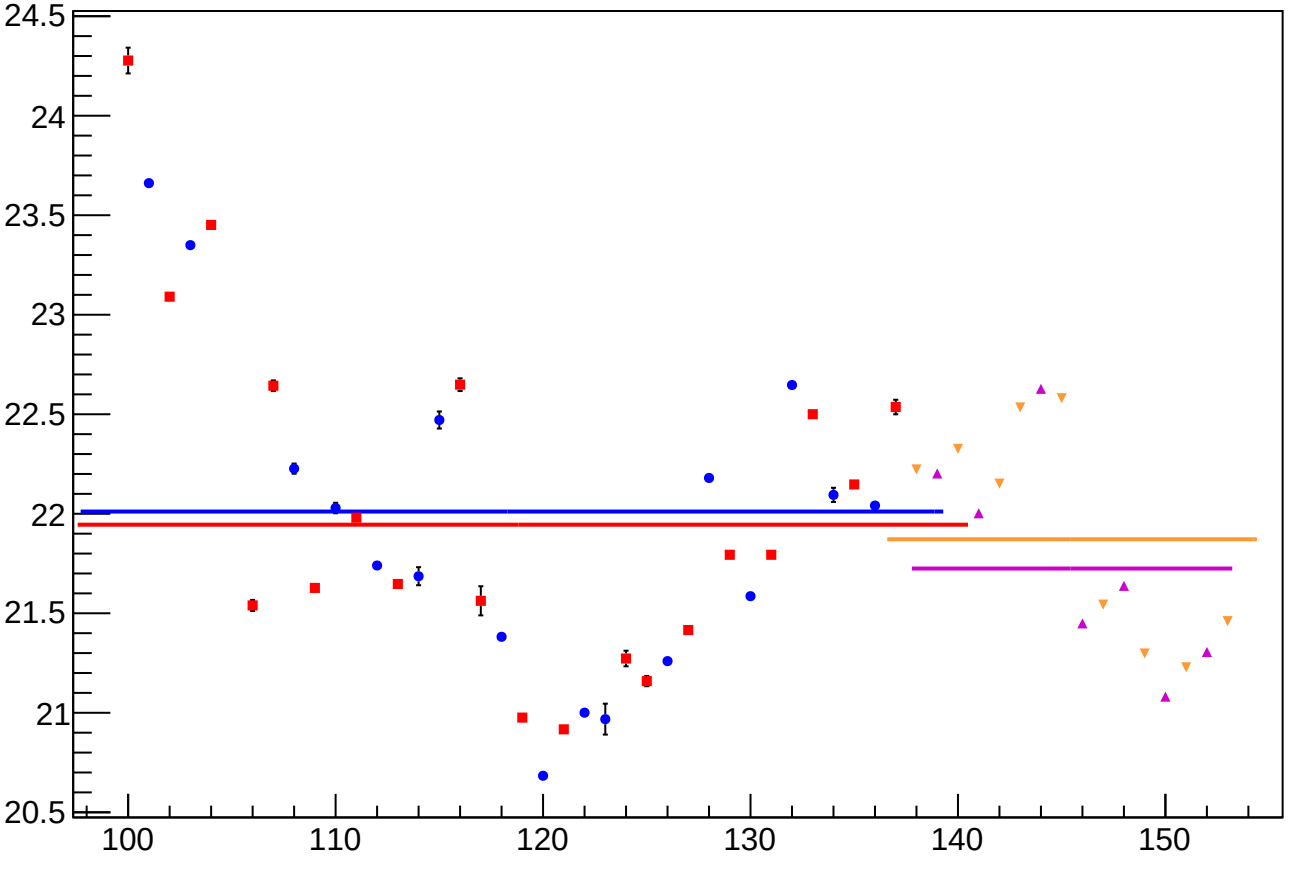
Right Out: 12.716+/-8.185 χ^2/NDF: 15.7/19

Left In: 11.966+/-9.099 χ^2/NDF:8.5/6

-10.045+/-6.015 χ^2/NDF: 29.1/25

12.380+/-6.085 χ^2/NDF: 24.3/26

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.011+/-0.006 χ^2/NDF: 17546.9/16

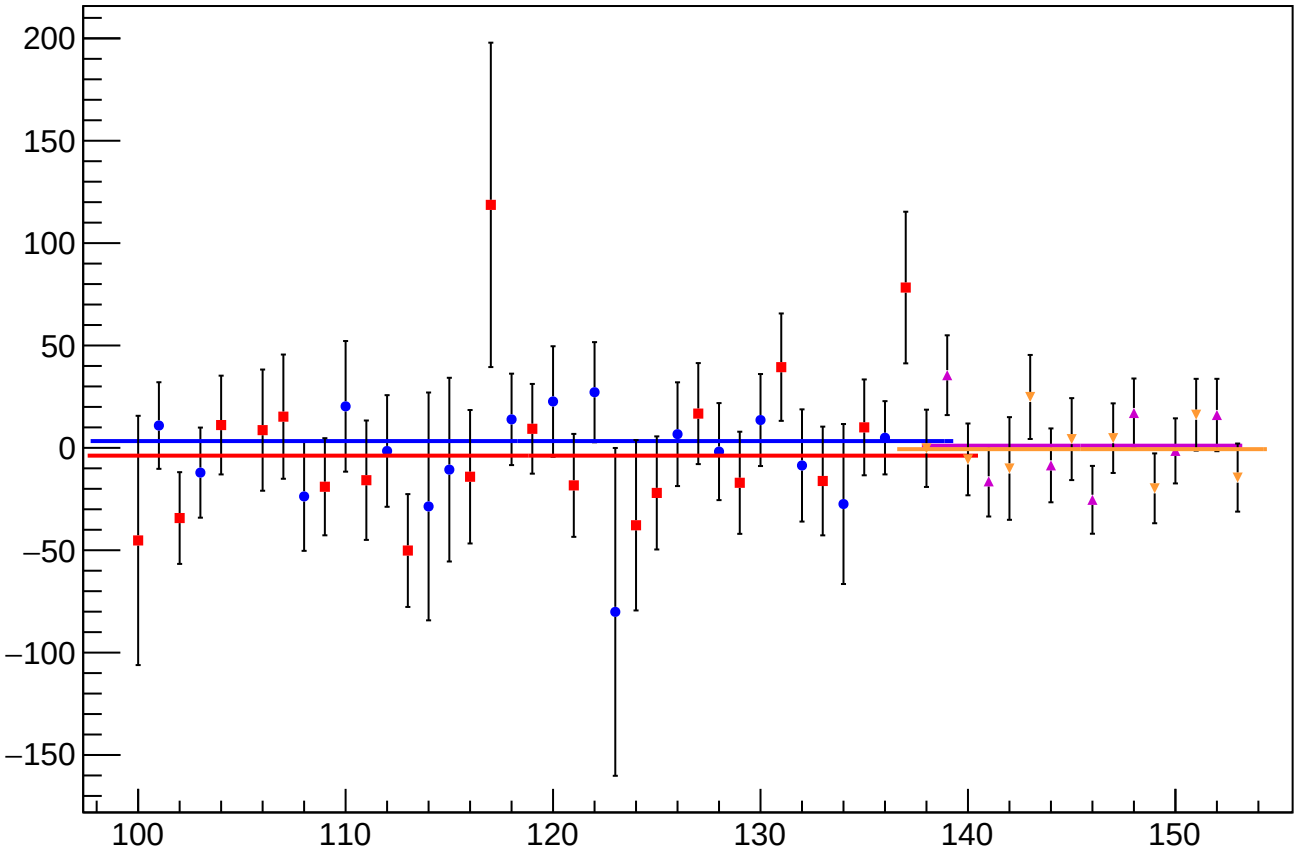
Left Out: 21.872+/-0.006 χ^2/NDF:7421.1/8

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

Left In: 21.725+/-0.006 χ^2/NDF:6181.1/6

21.942+/-0.004 χ^2/NDF: 25236.3/25

21.847+/-0.004 χ^2/NDF: 23449.2/26



Right In: 3.317+/-6.388 χ^2/NDF: 6.3/16

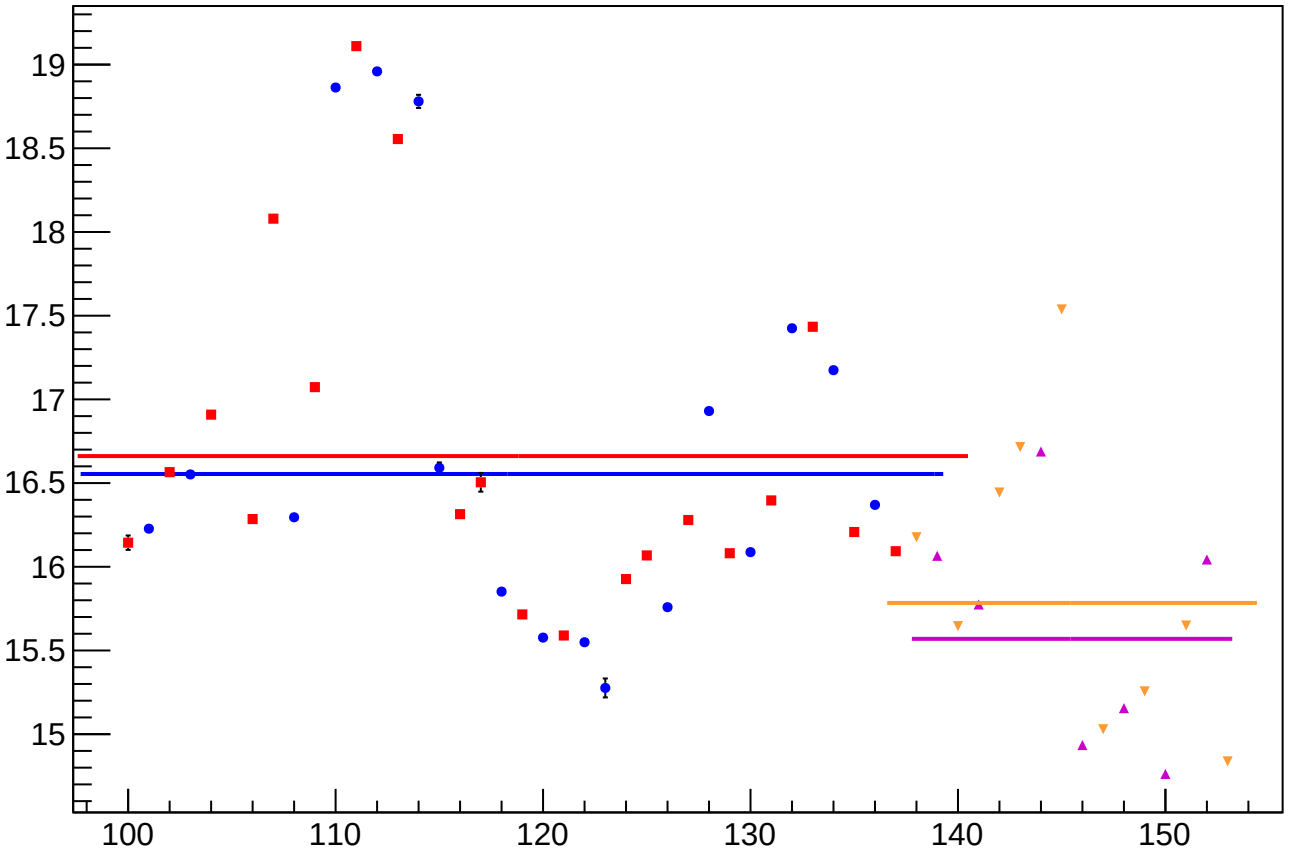
Left Out: -0.628+/-6.167 χ^2/NDF:4.8/8

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

Left In: 1.064+/-6.534 χ^2/NDF:8.6/6

1.275+/-4.437 χ^2/NDF: 11.3/25

-1.486+/-4.507 χ^2/NDF: 29.0/26



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

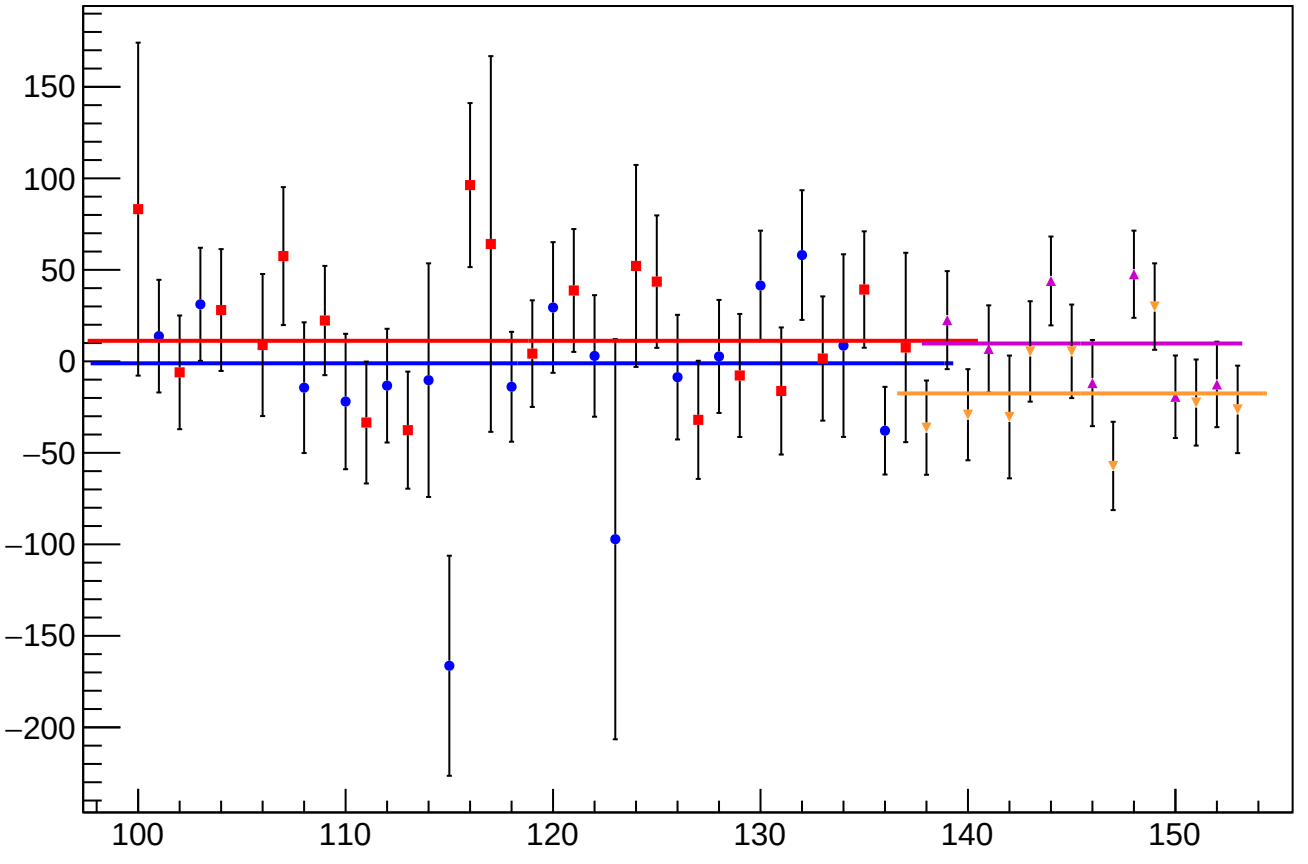
Left Out: 15.784+/-0.004 χ^2/NDF:34298.1/8

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

Left In: 15.569+/-0.005 χ^2/NDF:20013.7/6

16.156+/-0.003 χ^2/NDF: 93827.5/25

16.142+/-0.003 χ^2/NDF: 92364.2/26



Right In: -1.068+/-8.444 χ^2/NDF: 18.5/16

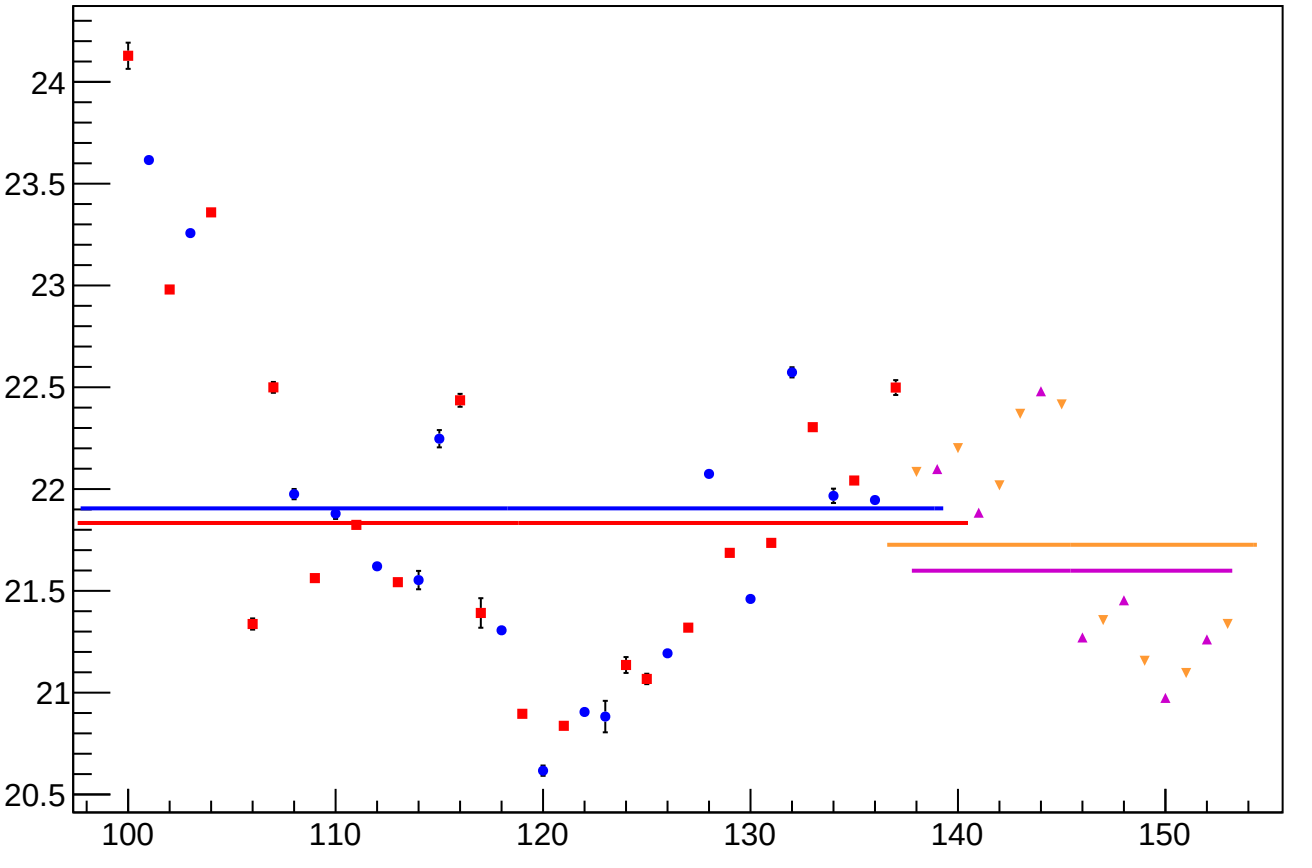
Left Out: -17.525+/-8.470 χ^2/NDF:9.3/8

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

Left In: 9.755+/-9.046 χ^2/NDF:8.2/6

-9.271+/-5.980 χ^2/NDF: 29.7/25

10.573+/-6.052 χ^2/NDF: 24.7/26



Right In: 21.905+/-0.006 χ^2/NDF: 17794.2/16

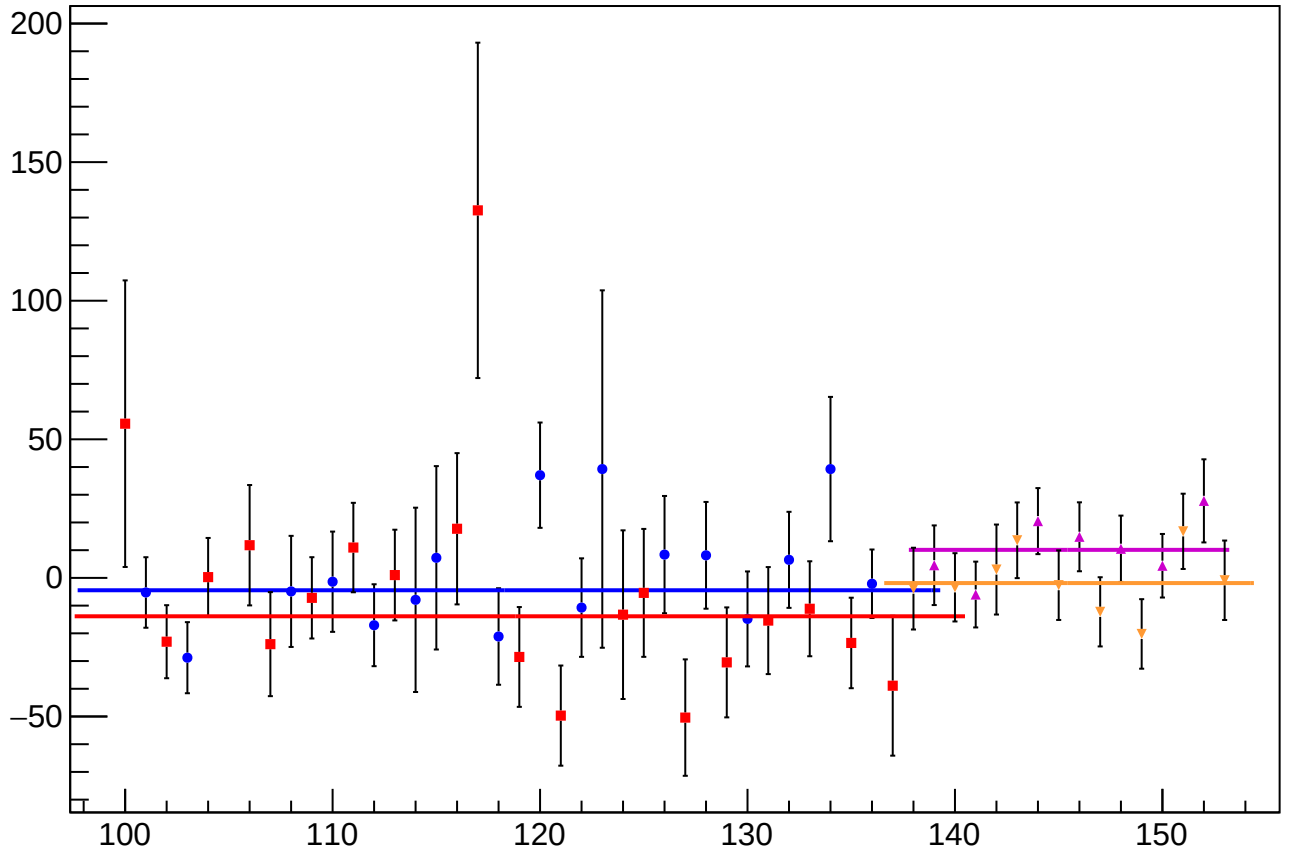
Left Out: 21.726+/-0.006 χ^2/NDF:7417.6/8

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

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

21.816+/-0.004 χ^2/NDF: 25658.7/25

21.728+/-0.004 χ^2/NDF: 23063.3/26



Right In: -4.461+/-4.329 χ^2/NDF: 15.2/16

Left Out: -1.865+/-4.483 χ^2/NDF:6.1/8

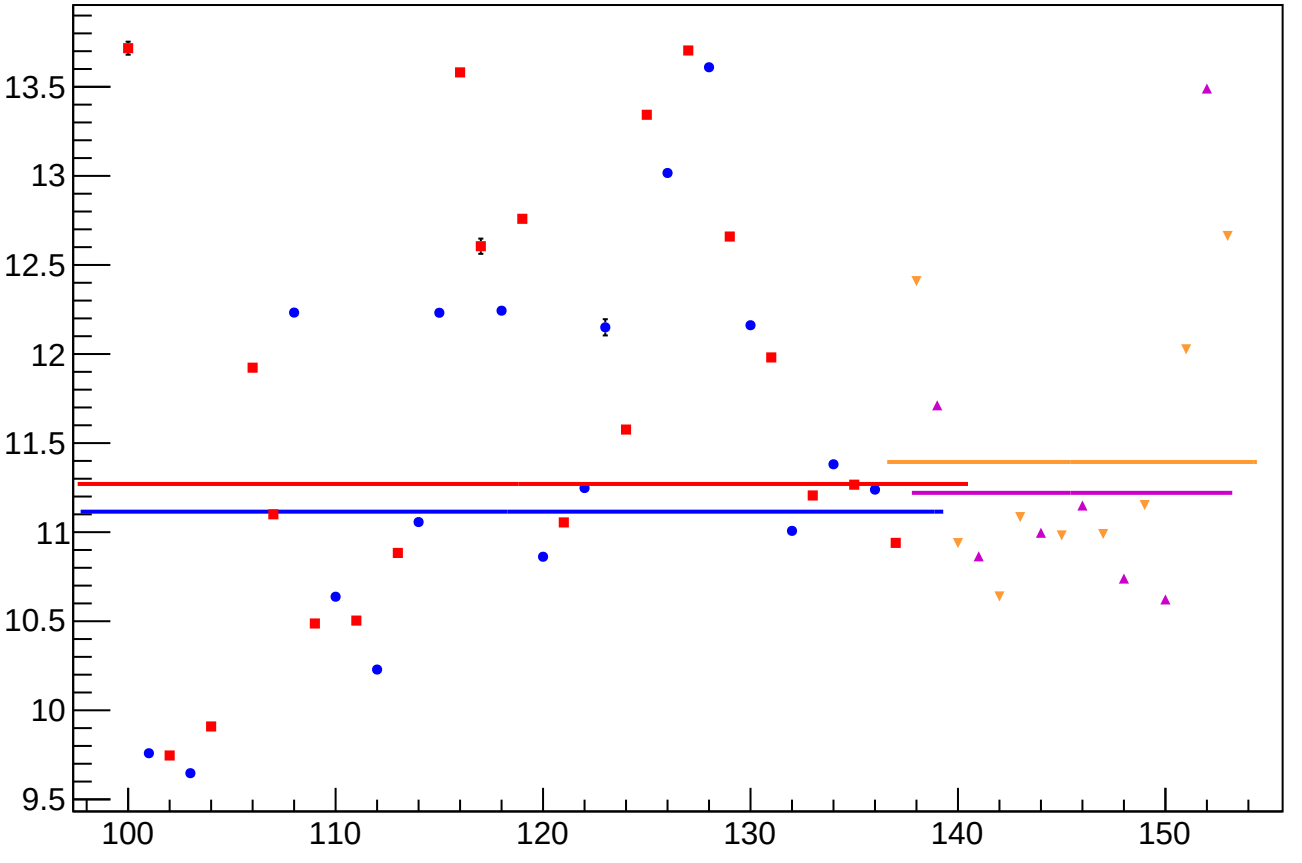
Right Out: -13.851+/-4.253 χ^2/NDF: 25.4/19

Left In: 10.118+/-4.741 χ^2/NDF:4.5/6

-3.208+/-3.114 χ^2/NDF: 21.5/25

-3.163+/-3.166 χ^2/NDF: 44.1/26

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



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

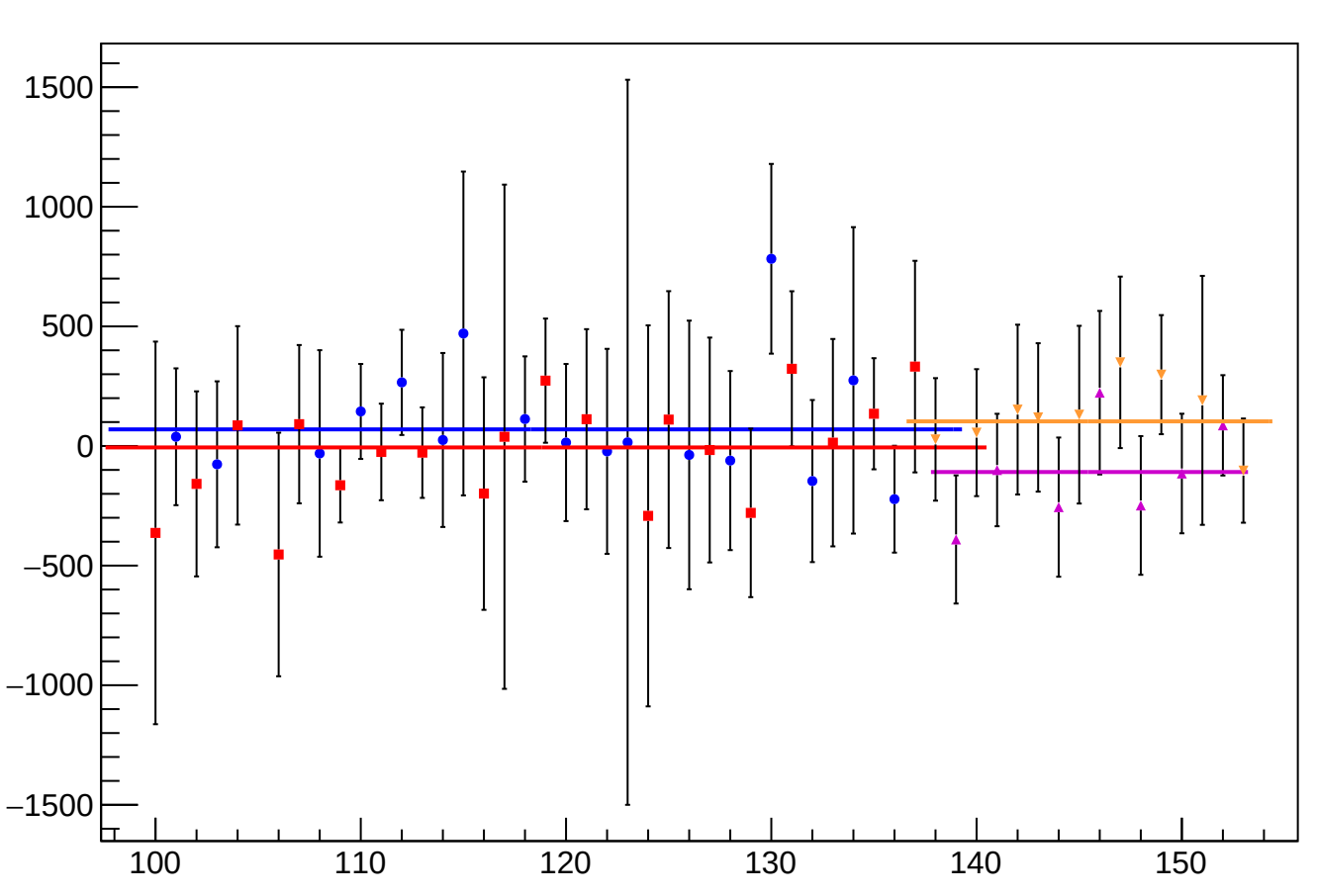
Left Out: 11.394+/-0.003 χ^2/NDF:42579.0/8

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

Left In: 11.221+/-0.003 χ^2/NDF:59428.6/6

11.250+/-0.002 χ^2/NDF: 179646.9/25

11.248+/-0.002 χ^2/NDF: 208012.5/26



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

Left Out: 102.964+/-98.183 χ^2/NDF:2.2/8

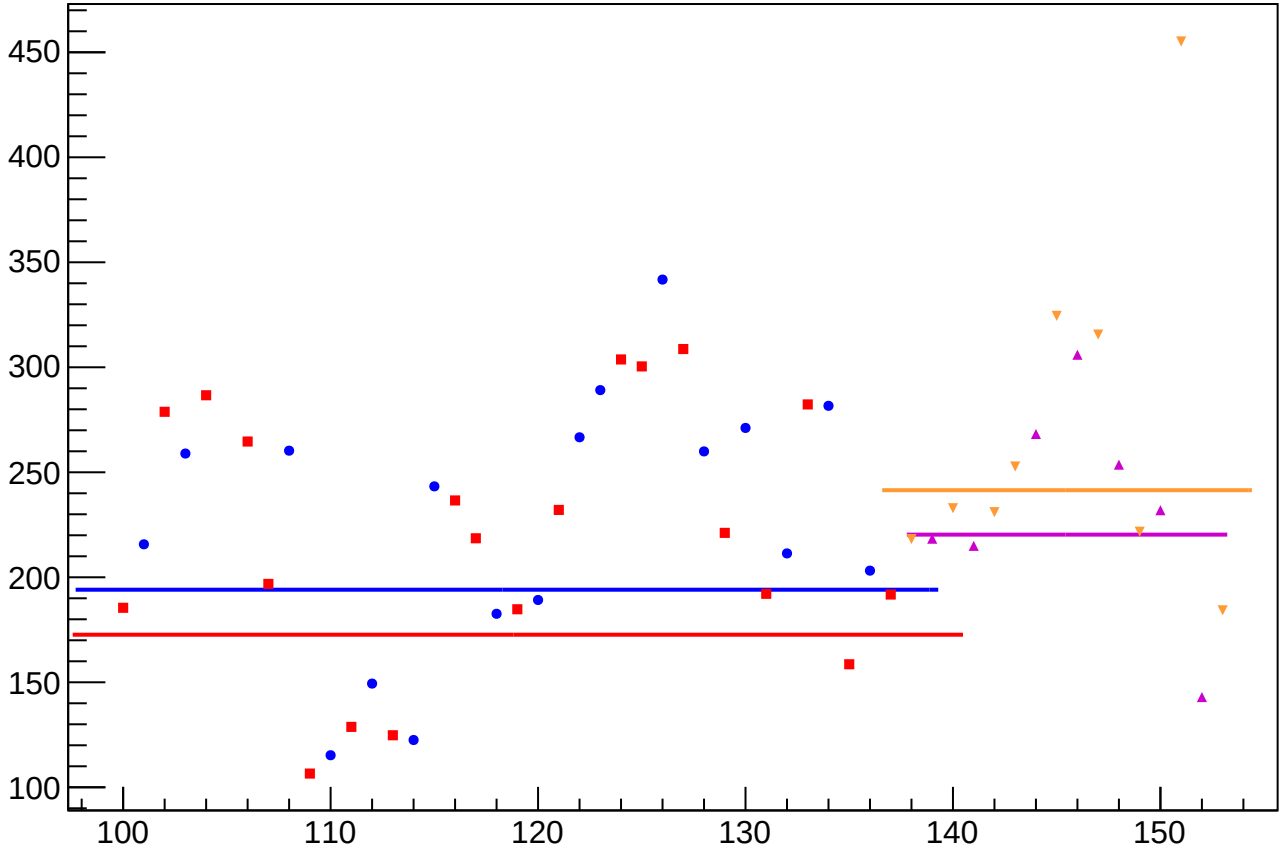
Right Out: -5.996+/-70.027 χ^2/NDF: 6.5/19

Left In: -108.786+/-98.508 χ^2/NDF:3.4/6

82.680+/-61.659 χ^2/NDF: 9.5/25

-40.503+/-57.075 χ^2/NDF: 10.6/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.082+/-0.056 χ^2/NDF: 1005395.7/16

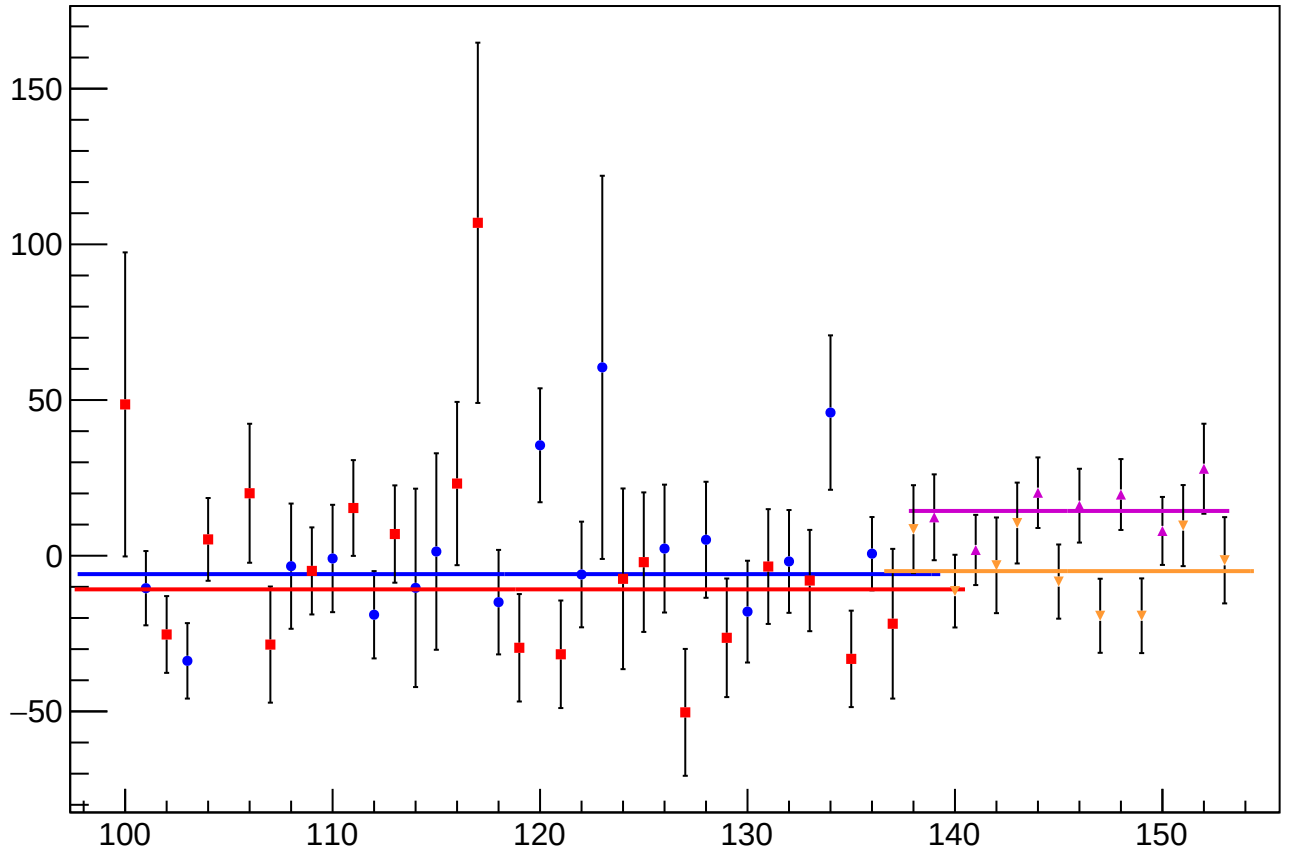
Left Out: 241.467+/-0.069 χ^2/NDF:696289.4/8

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

Left In: 220.315+/-0.070 χ^2/NDF:483815.9/6

212.770+/-0.044 χ^2/NDF: 1983810.9/25

188.655+/-0.040 χ^2/NDF: 2368082.0/26



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

Left Out: -4.950+/-4.276 χ^2/NDF:6.9/8

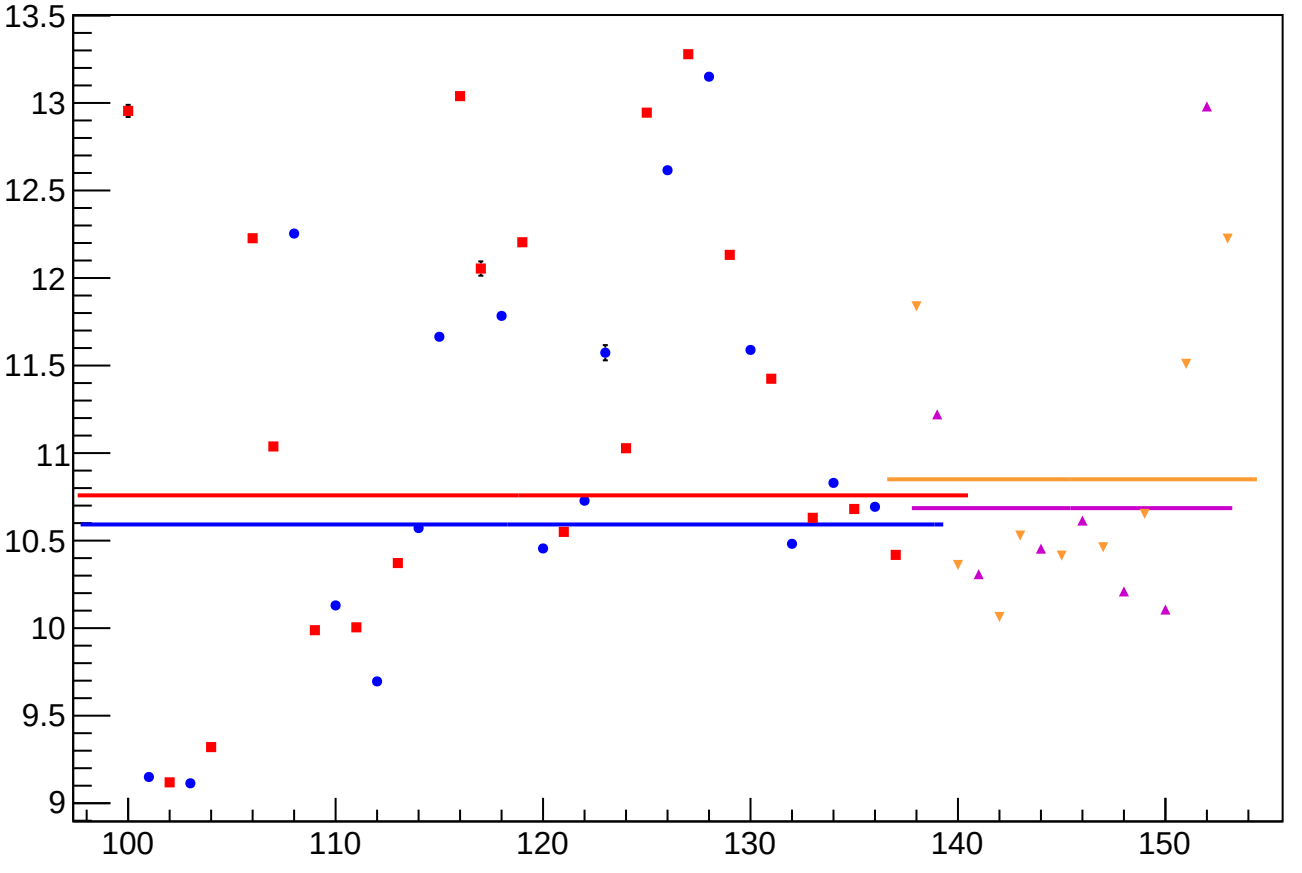
Right Out: -10.806+/-4.068 χ^2/NDF: 27.0/19

Left In: 14.379+/-4.521 χ^2/NDF:3.0/6

-5.448+/-2.972 χ^2/NDF: 25.8/25

0.462+/-3.024 χ^2/NDF: 47.2/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.592+/-0.003 χ^2/NDF: 160397.9/16

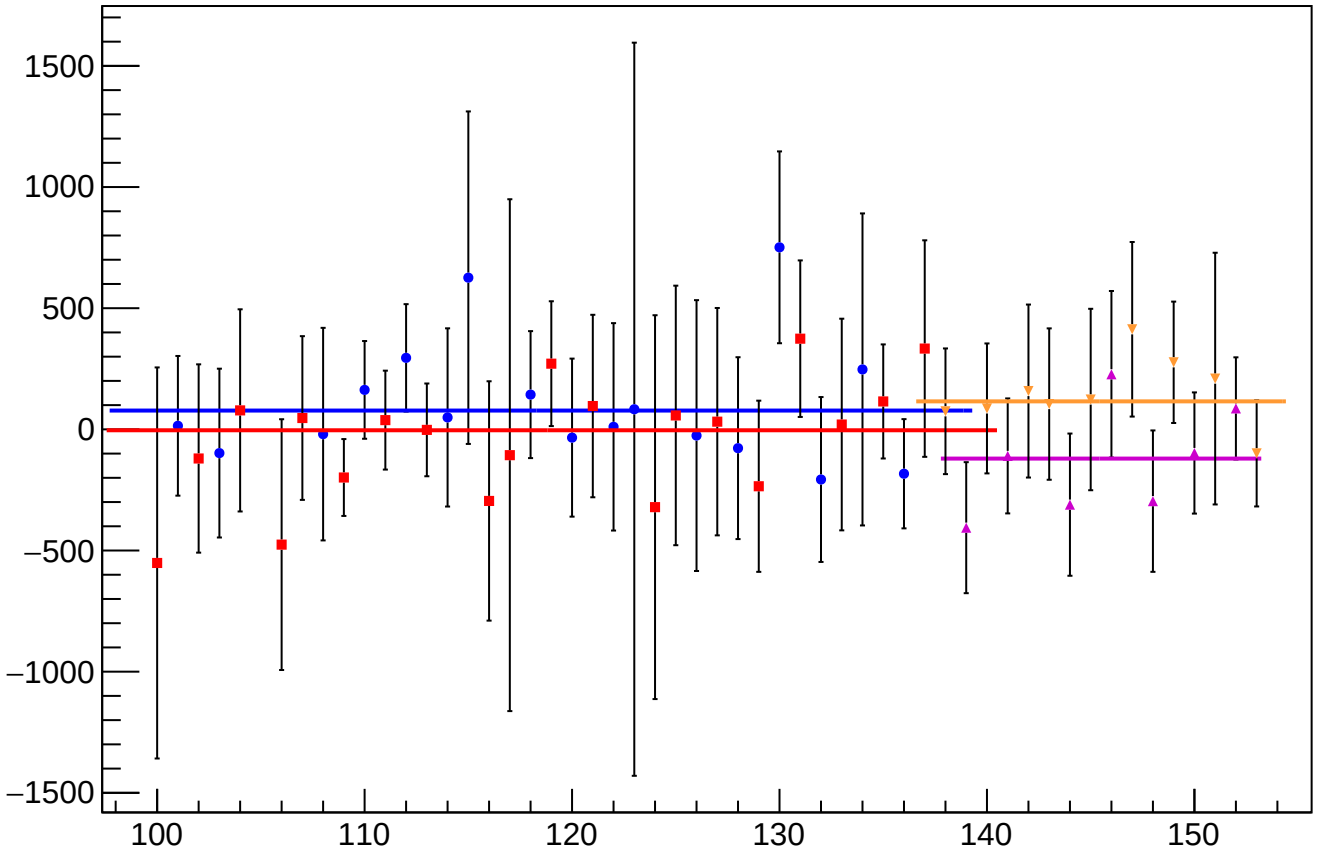
Left Out: 10.850+/-0.003 χ^2/NDF:49964.6/8

Right Out: 10.758+/-0.003 χ^2/NDF: 177903.3/19

Left In: 10.686+/-0.003 χ^2/NDF:65678.1/6

10.717+/-0.002 χ^2/NDF: 214126.3/25

10.726+/-0.002 χ^2/NDF: 243868.9/26



Right In: 77.589+/-79.751 χ^2/NDF: 7.6/16

Left Out: 115.534+/-98.925 χ^2/NDF:2.1/8

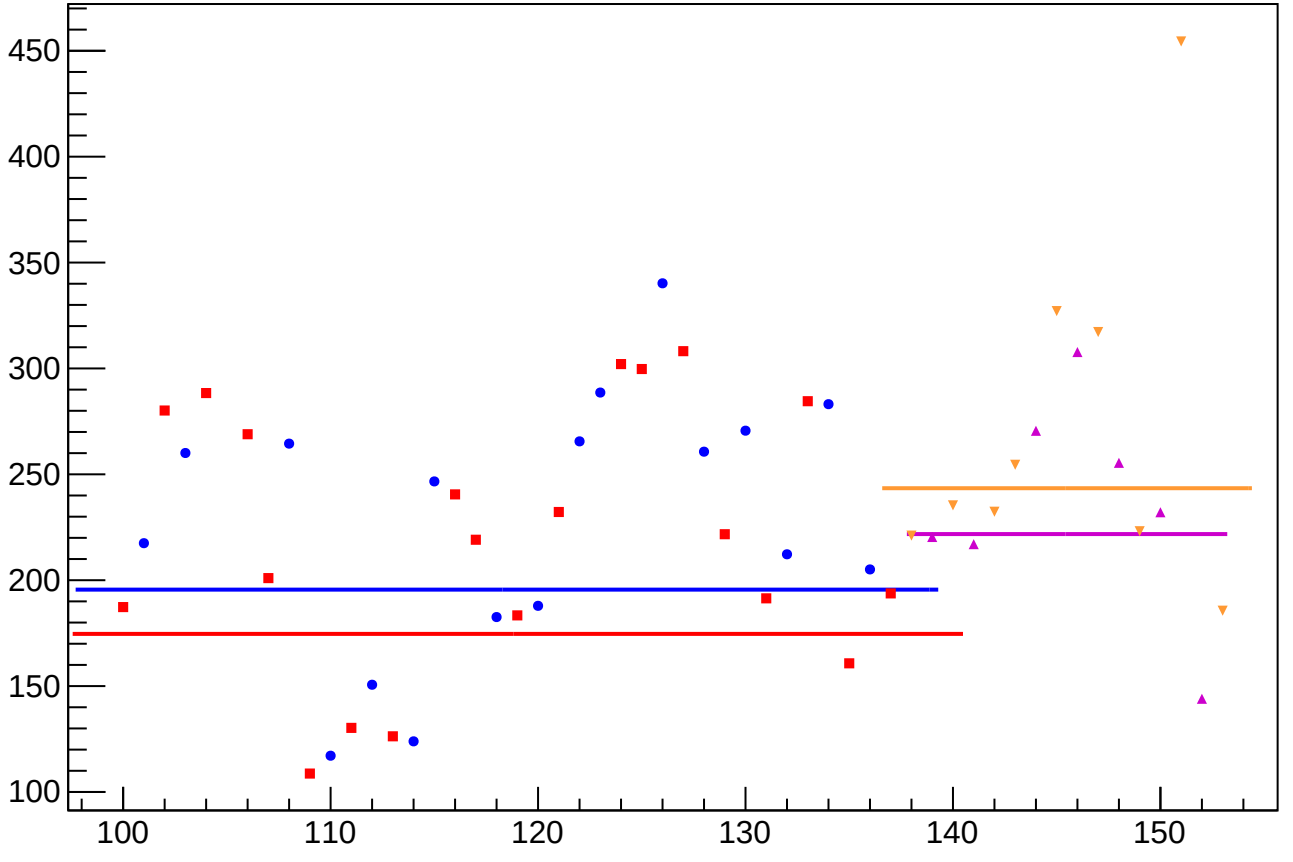
Right Out: -3.768+/-70.696 χ^2/NDF: 7.4/19

Left In: -120.639+/-99.126 χ^2/NDF:3.9/6

92.536+/-62.087 χ^2/NDF: 9.8/25

-43.171+/-57.557 χ^2/NDF: 12.2/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.551+/-0.056 χ^2/NDF: 979937.7/16

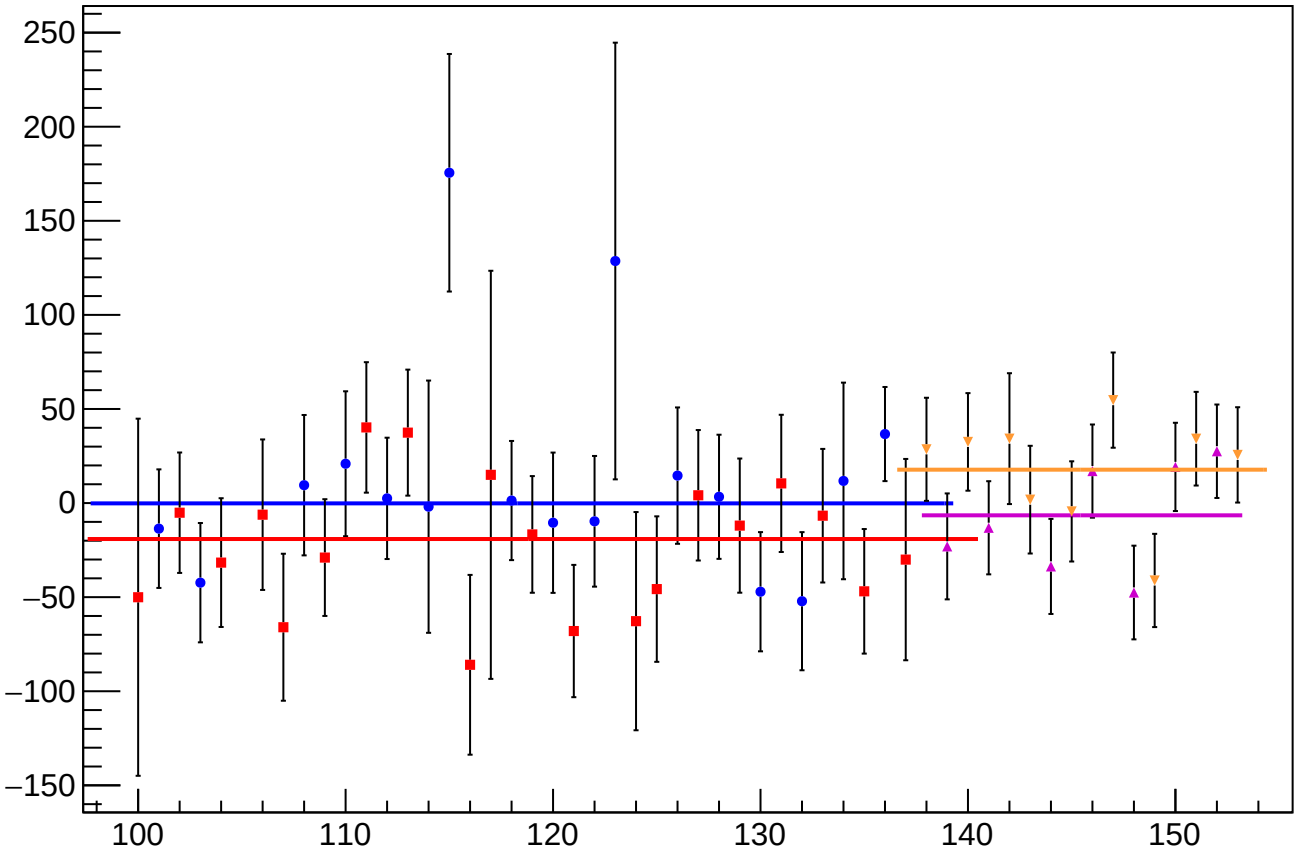
Left Out: 243.439+/-0.070 χ^2/NDF:687310.8/8

Right Out: 174.649+/-0.050 χ^2/NDF: 1532189.1/19

Left In: 221.786+/-0.070 χ^2/NDF:483464.4/6

214.415+/-0.044 χ^2/NDF: 1951314.3/25

190.542+/-0.041 χ^2/NDF: 2315426.8/26



Right In: -0.158+/-8.826 χ^2/NDF: 18.1/16

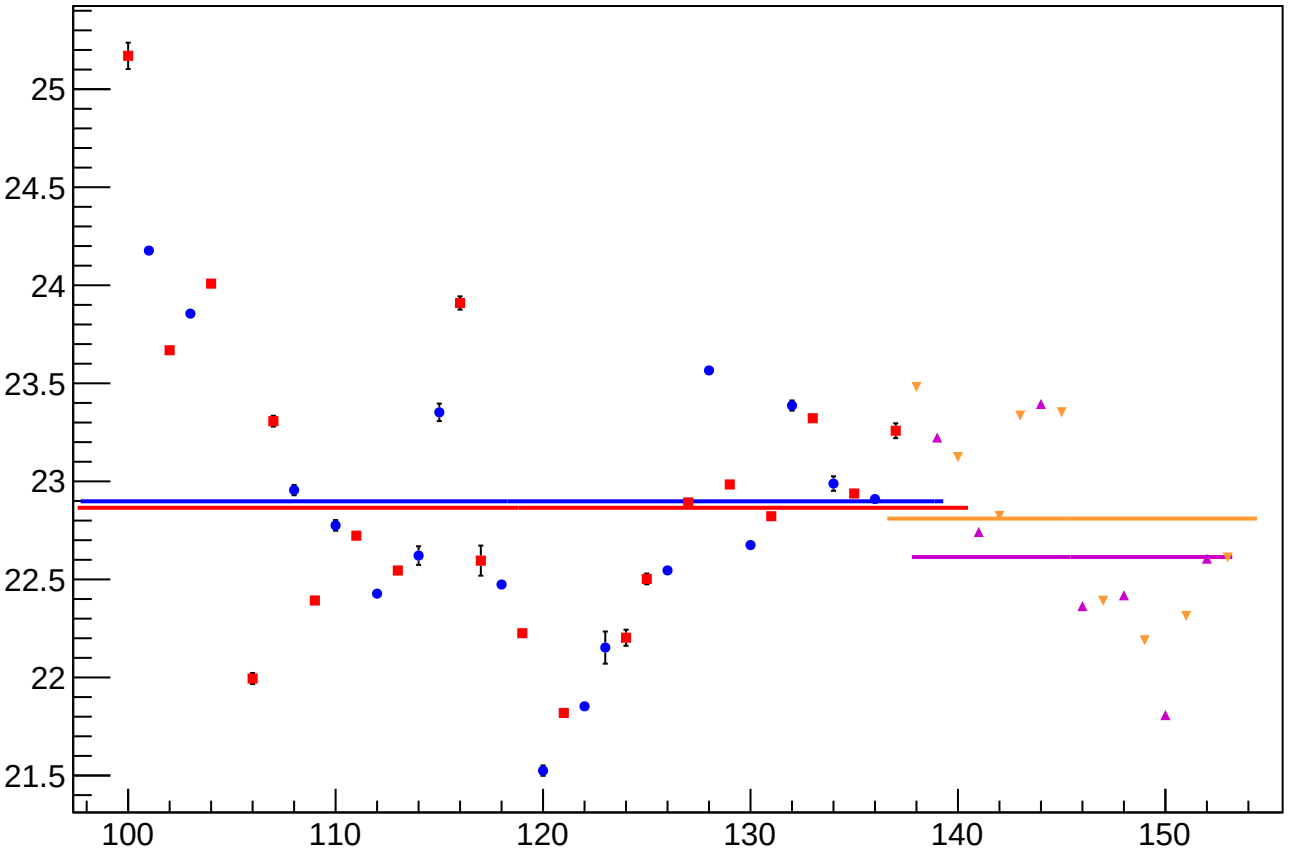
Left Out: 17.740+/-8.893 χ^2/NDF:10.0/8

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

Left In: -6.514+/-9.472 χ^2/NDF:8.3/6

8.723+/-6.265 χ^2/NDF: 30.1/25

-13.468+/-6.337 χ^2/NDF: 24.2/26



Right In: 22.898+/-0.006 χ^2/NDF: 12143.3/16

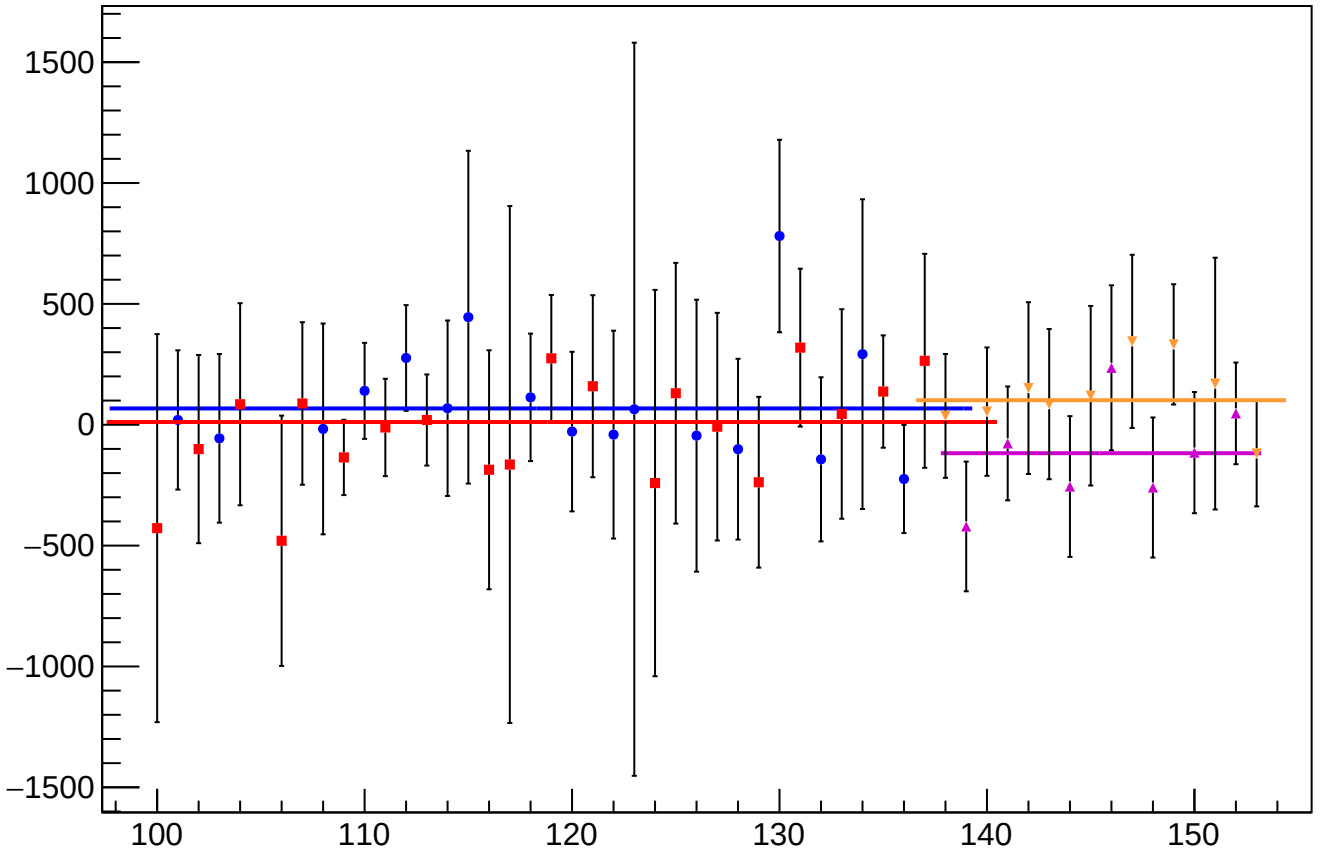
Left Out: 22.810+/-0.006 χ^2/NDF:5718.2/8

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

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

22.855+/-0.004 χ^2/NDF: 17960.0/25

22.753+/-0.004 χ^2/NDF: 17428.2/26



Right In: 67.449+/-79.404 χ^2/NDF: 7.4/16

Left Out: 101.508+/-98.342 χ^2/NDF:2.5/8

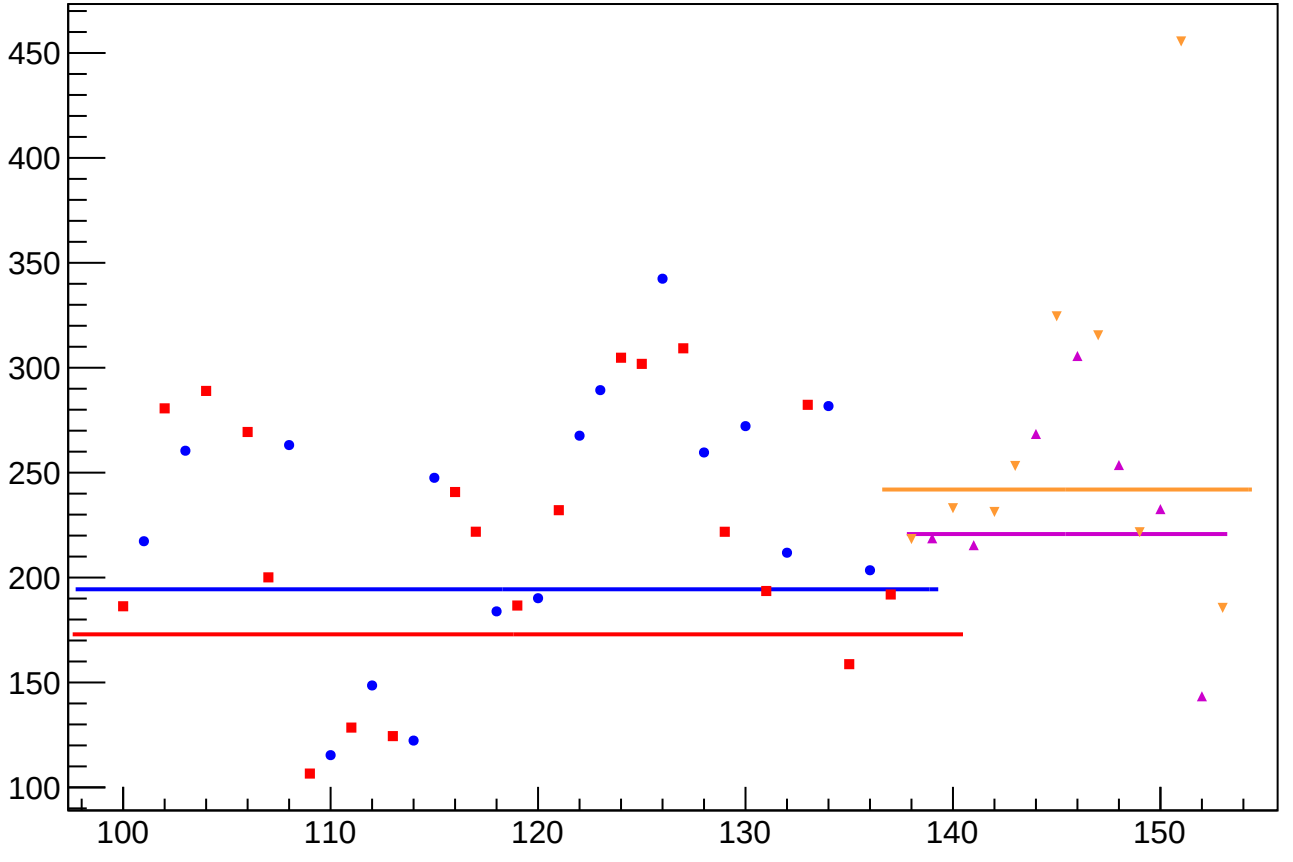
Right Out: 11.355+/-70.203 χ^2/NDF: 5.8/19

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

80.890+/-61.780 χ^2/NDF: 9.9/25

-32.042+/-57.201 χ^2/NDF: 10.4/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.411+/-0.056 χ^2/NDF: 1019913.2/16

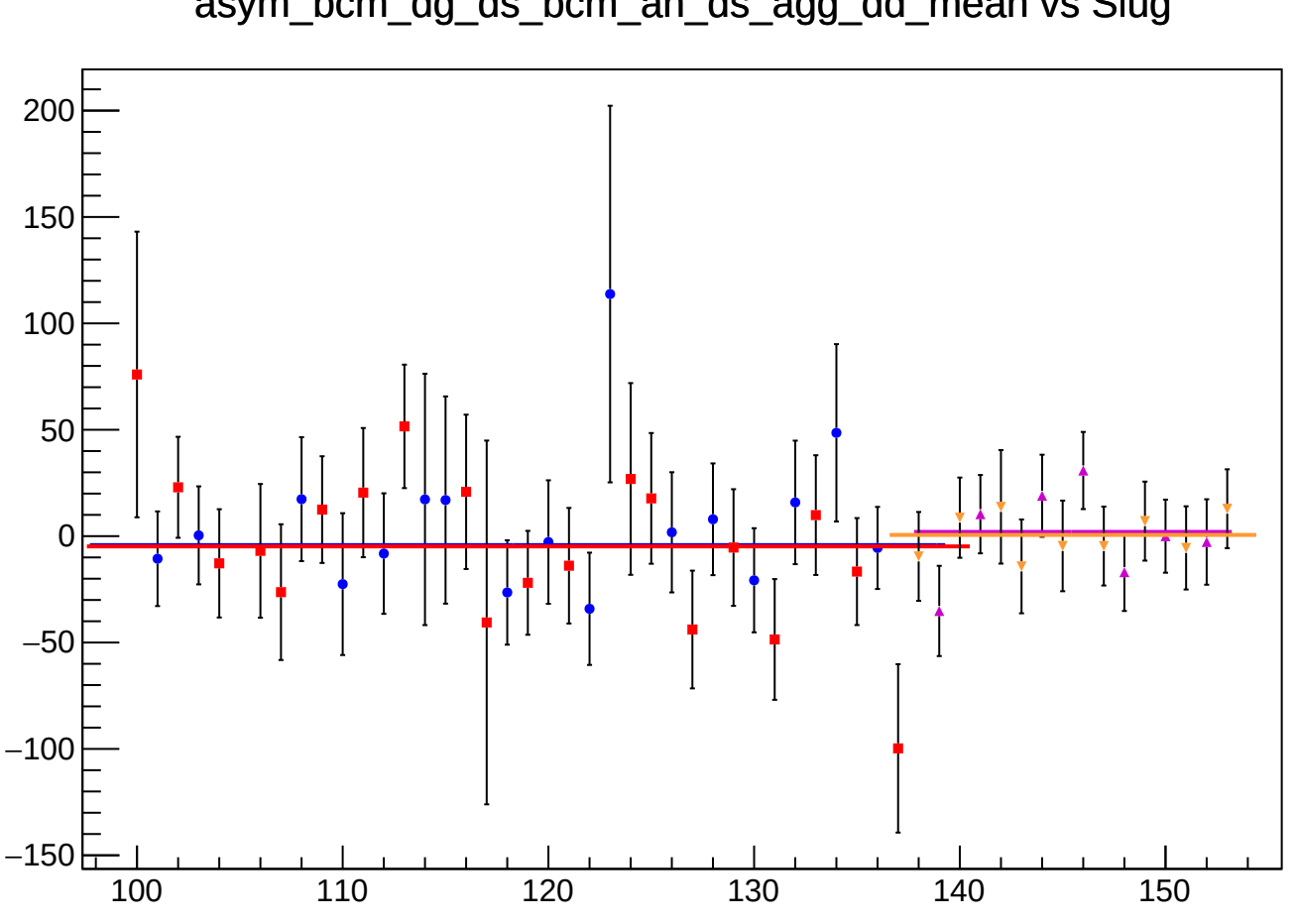
Left Out: 241.956+/-0.070 χ^2/NDF:688794.7/8

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

Left In: 220.738+/-0.070 χ^2/NDF:478954.7/6

213.175+/-0.044 χ^2/NDF: 1991703.8/25

189.007+/-0.040 χ^2/NDF: 2391498.9/26



Right In: -4.223+/-6.871 χ^2/NDF: 8.0/16

Left Out: 0.571+/-6.724 χ^2/NDF:1.9/8

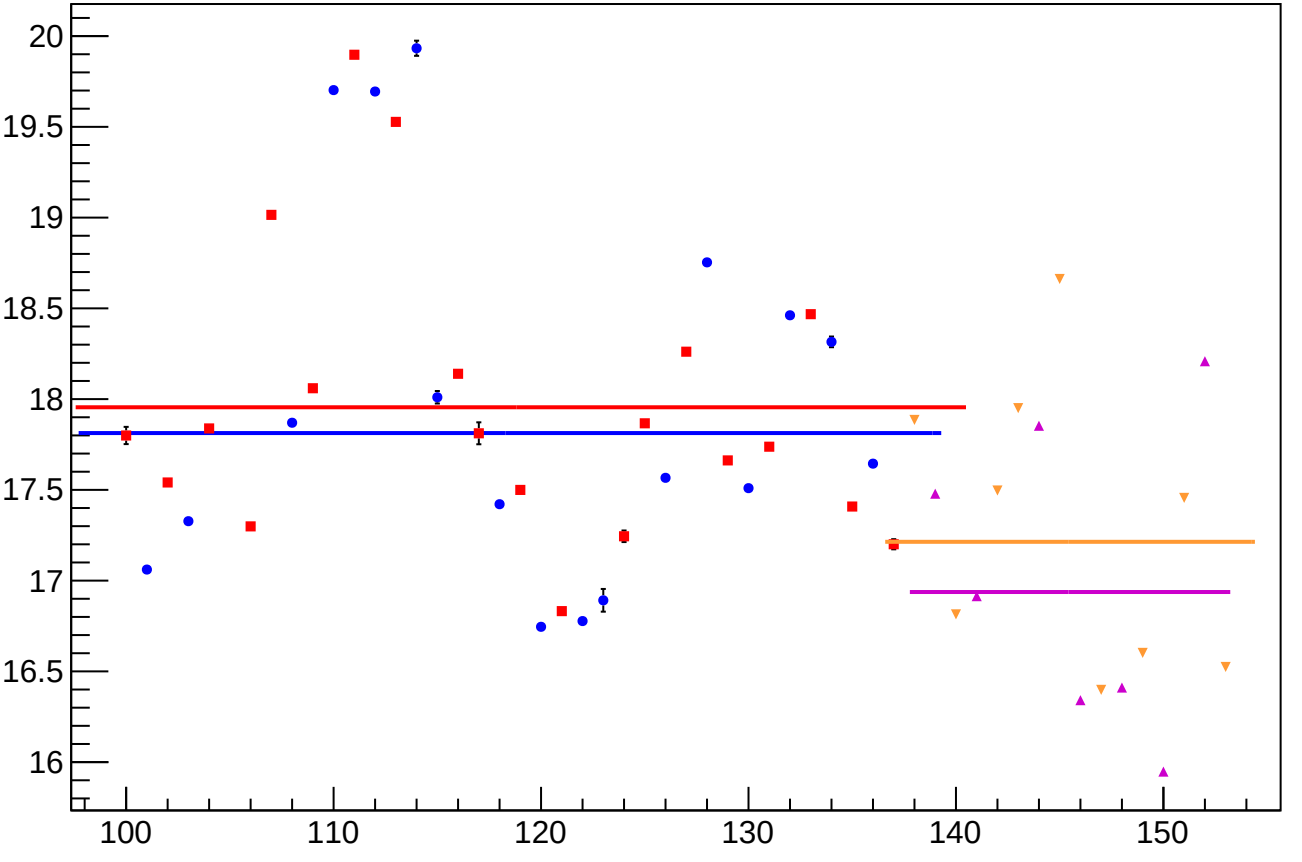
Right Out: -4.820+/-6.704 χ^2/NDF: 21.3/19

Left In: 1.992+/-7.111 χ^2/NDF:7.7/6

-1.774+/-4.806 χ^2/NDF: 10.2/25

-1.614+/-4.878 χ^2/NDF: 29.5/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.813+/-0.005 χ^2/NDF: 32034.8/16

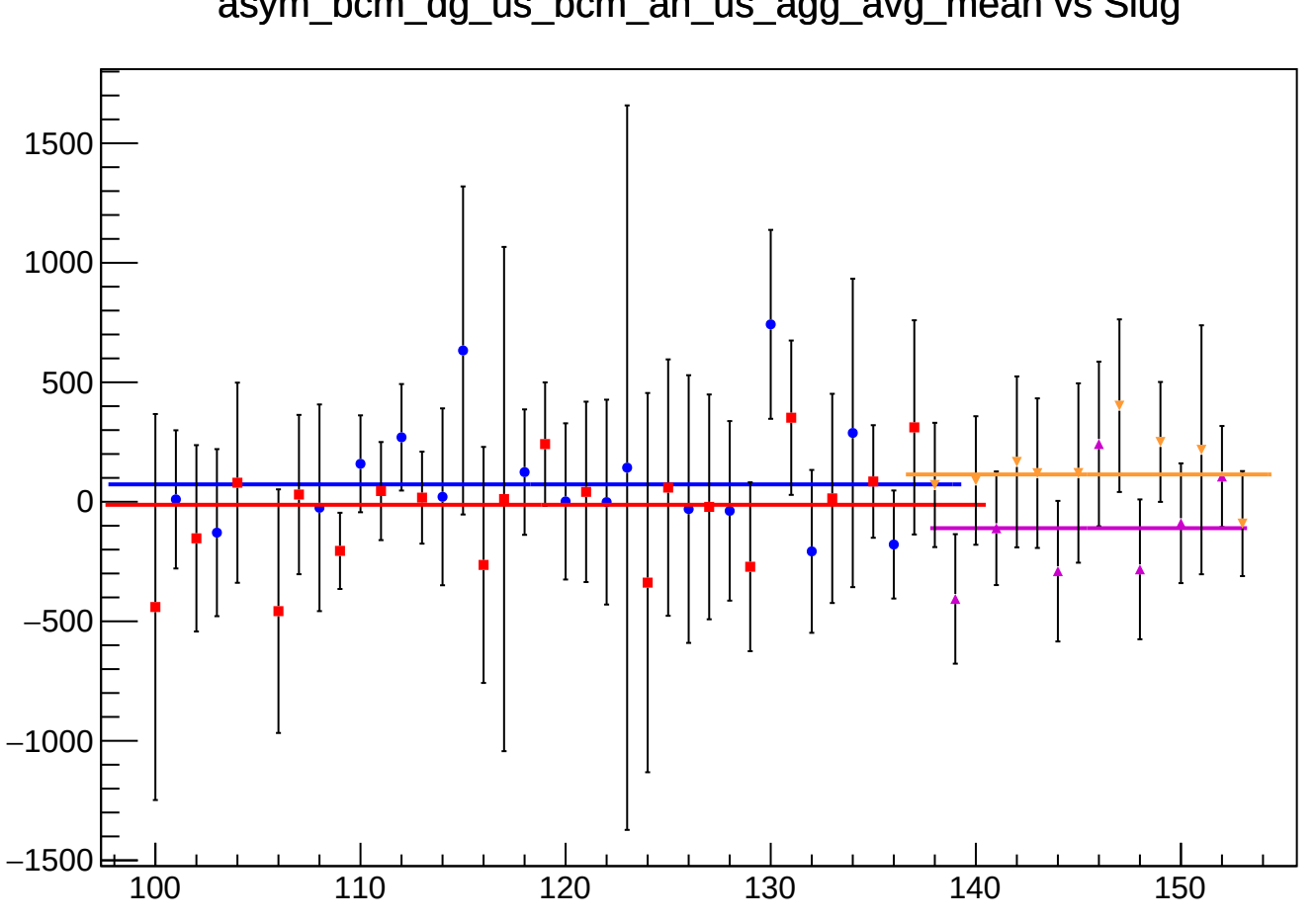
Left Out: 17.214+/-0.005 χ^2/NDF:23792.3/8

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

Left In: 16.937+/-0.005 χ^2/NDF:24299.6/6

17.507+/-0.003 χ^2/NDF: 63593.3/25

17.476+/-0.003 χ^2/NDF: 71443.5/26



Right In: 72.888+/-79.948 χ^2/NDF: 7.2/16

Left Out: 114.445+/-99.148 χ^2/NDF:1.9/8

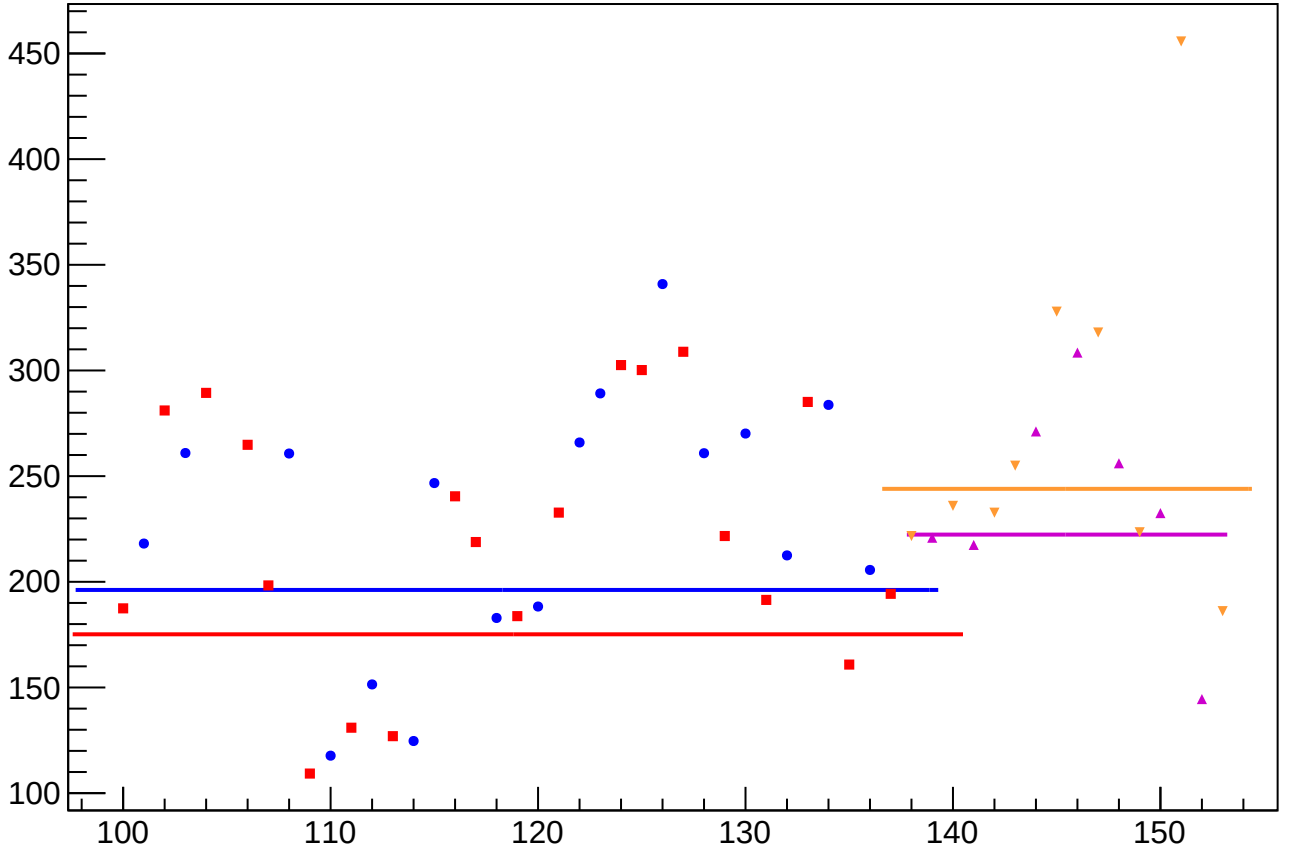
Right Out: -12.456+/-70.853 χ^2/NDF: 6.7/19

Left In: -110.366+/-99.365 χ^2/NDF:4.0/6

89.262+/-62.236 χ^2/NDF: 9.2/25

-45.458+/-57.689 χ^2/NDF: 11.4/26

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.151+/-0.057 χ^2/NDF: 964998.4/16

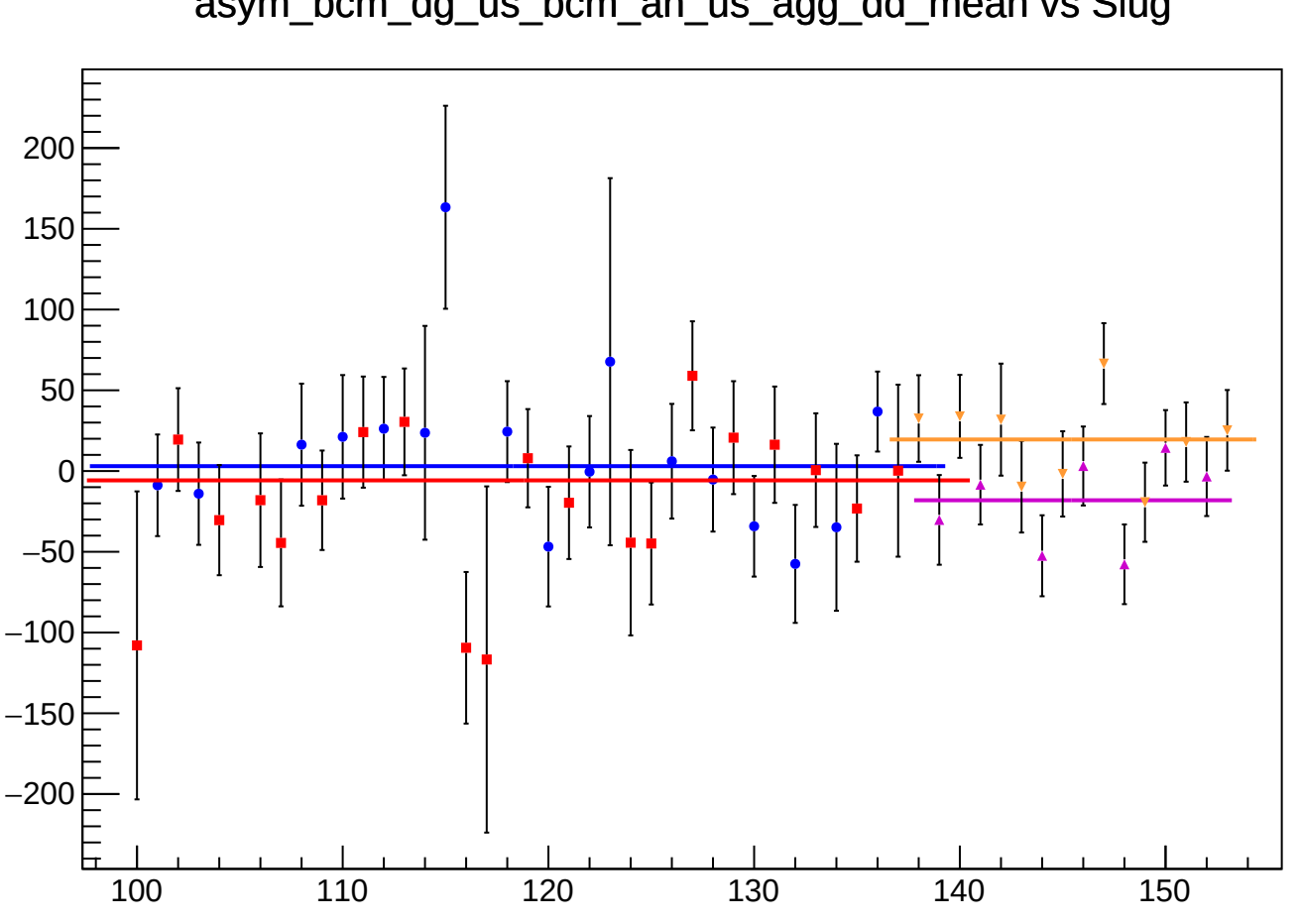
Left Out: 243.990+/-0.070 χ^2/NDF:687385.2/8

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

Left In: 222.342+/-0.070 χ^2/NDF:481722.0/6

215.000+/-0.044 χ^2/NDF: 1934539.1/25

191.065+/-0.041 χ^2/NDF: 2295033.0/26



Right In: 3.022+/-8.751 χ^2/NDF: 17.2/16

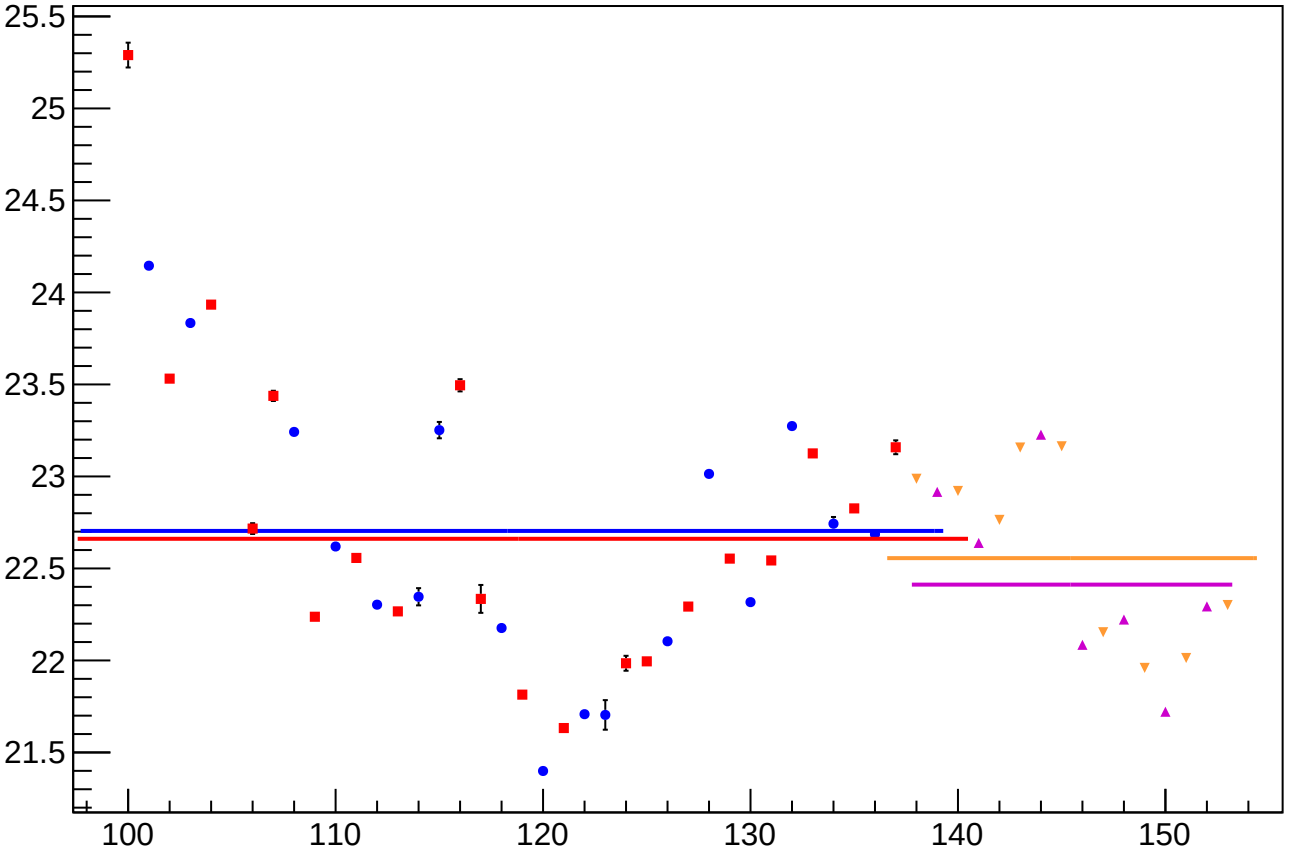
Left Out: 19.536+/-8.793 χ^2/NDF:8.5/8

Right Out: -5.786+/-8.451 χ^2/NDF: 18.3/19

Left In: -18.103+/-9.386 χ^2/NDF:7.9/6

11.240+/-6.203 χ^2/NDF: 27.4/25

-11.300+/-6.280 χ^2/NDF: 27.1/26



Right In: 22.704+/-0.006 χ^2/NDF: 14105.8/16

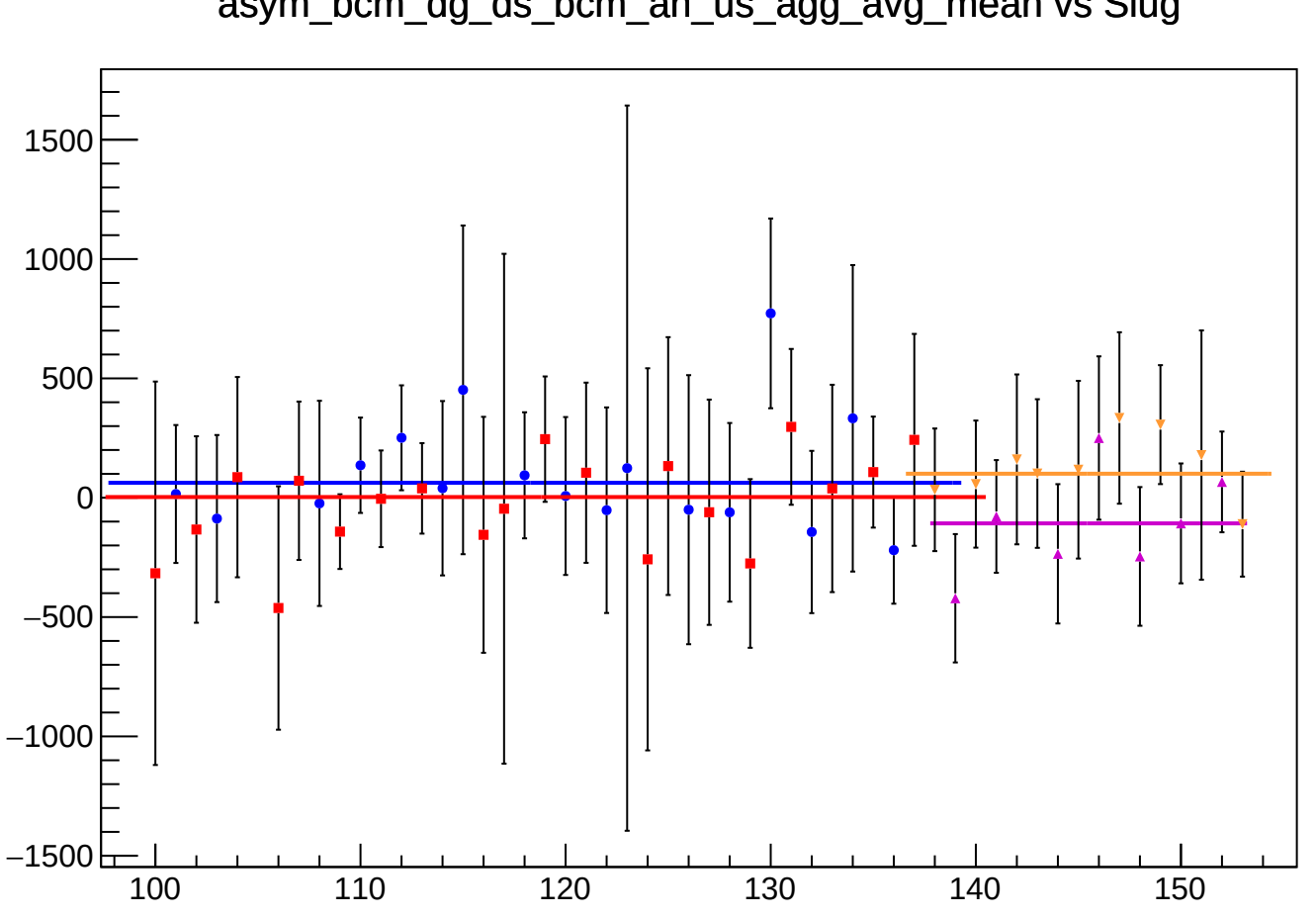
Left Out: 22.556+/-0.006 χ^2/NDF:5836.2/8

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

Left In: 22.412+/-0.007 χ^2/NDF:5211.4/6

22.630+/-0.004 χ^2/NDF: 20226.3/25

22.550+/-0.004 χ^2/NDF: 18951.2/26



Right In: 62.573+/-79.605 χ^2/NDF: 7.0/16

Left Out: 100.575+/-98.564 χ^2/NDF:2.2/8

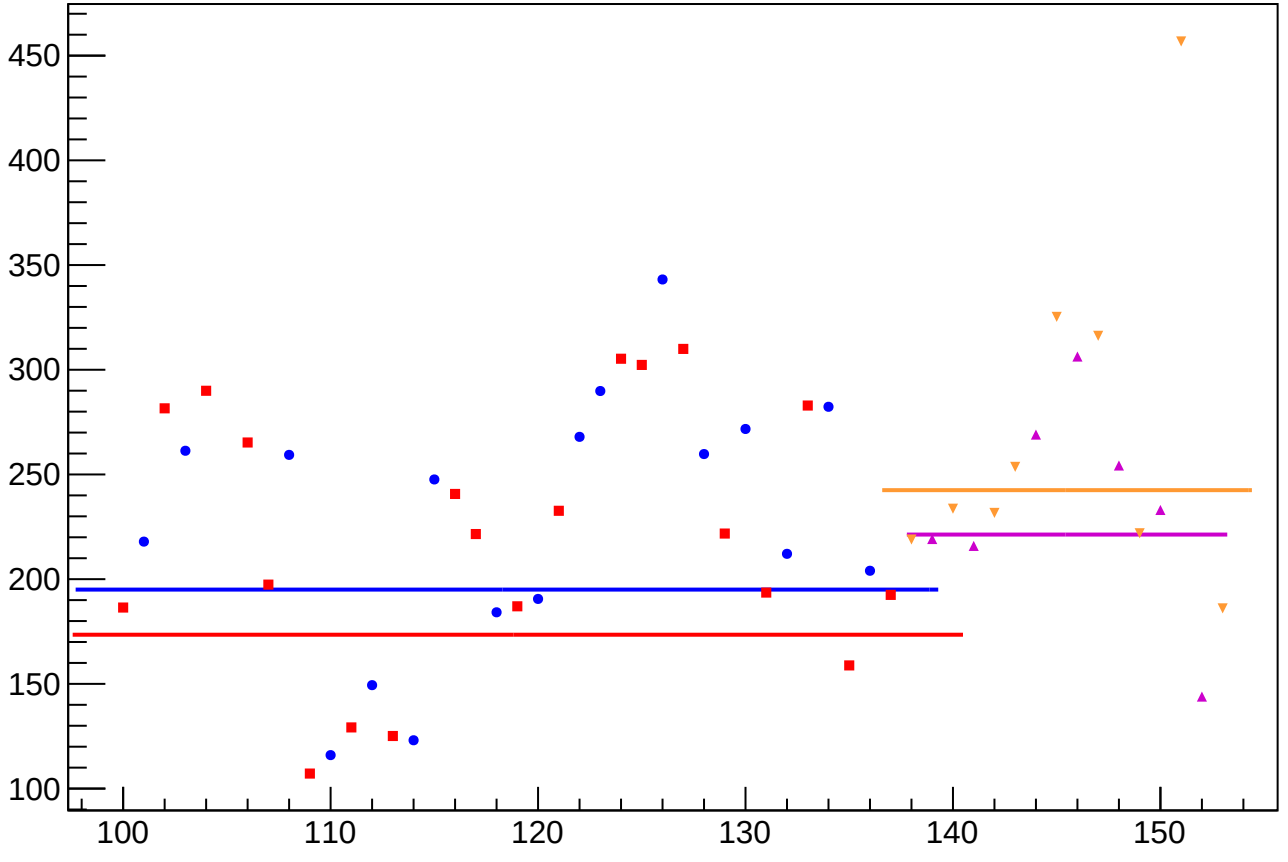
Right Out: 2.824+/-70.364 χ^2/NDF: 5.2/19

Left In: -107.484+/-98.905 χ^2/NDF:3.6/6

77.576+/-61.929 χ^2/NDF: 9.3/25

-34.244+/-57.335 χ^2/NDF: 9.6/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.022+/-0.056 χ^2/NDF: 1004284.9/16

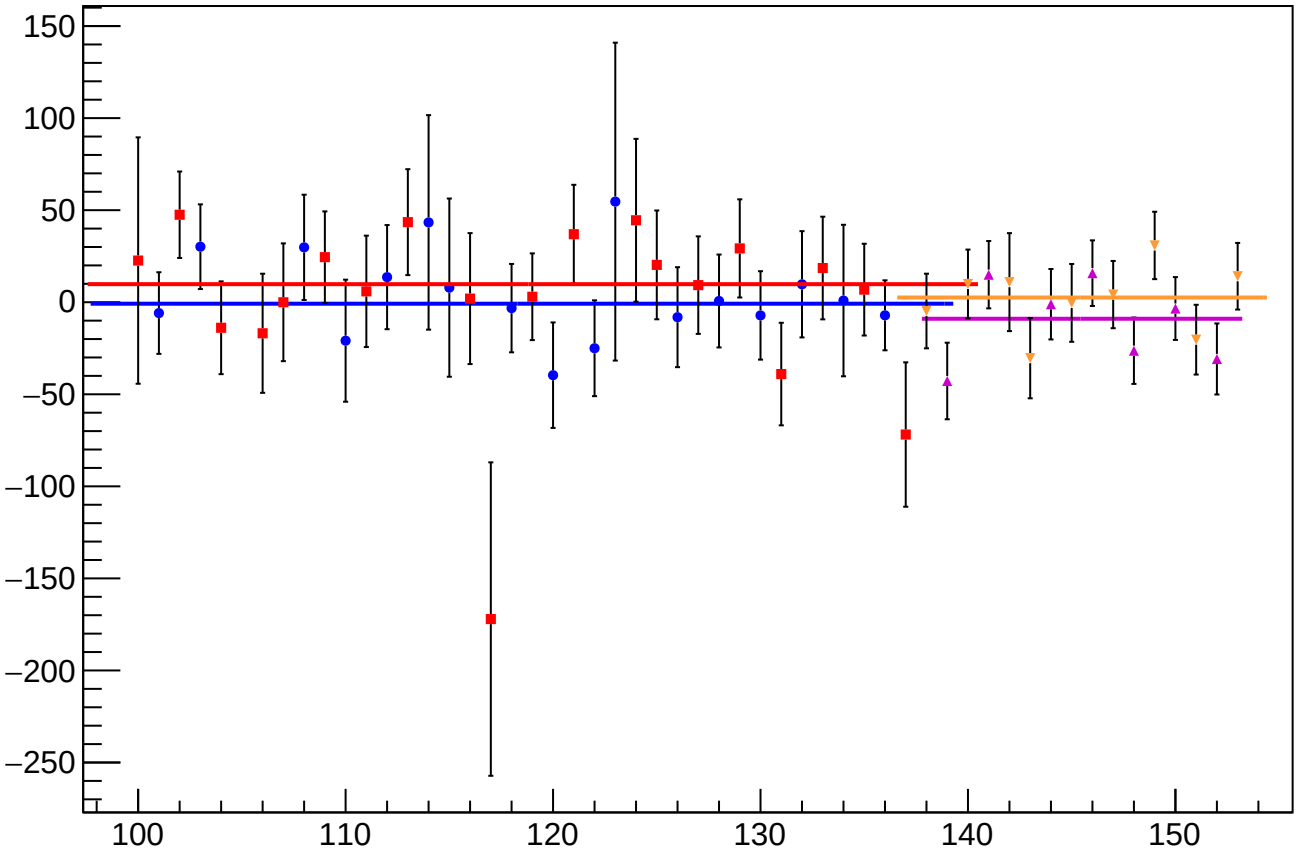
Left Out: 242.504+/-0.070 χ^2/NDF:688908.1/8

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

Left In: 221.299+/-0.070 χ^2/NDF:477116.4/6

213.767+/-0.044 χ^2/NDF: 1974105.7/25

189.544+/-0.041 χ^2/NDF: 2369911.2/26



Right In: -0.801+/-6.770 χ^2/NDF: 7.8/16

Left Out: 2.561+/-6.612 χ^2/NDF:6.9/8

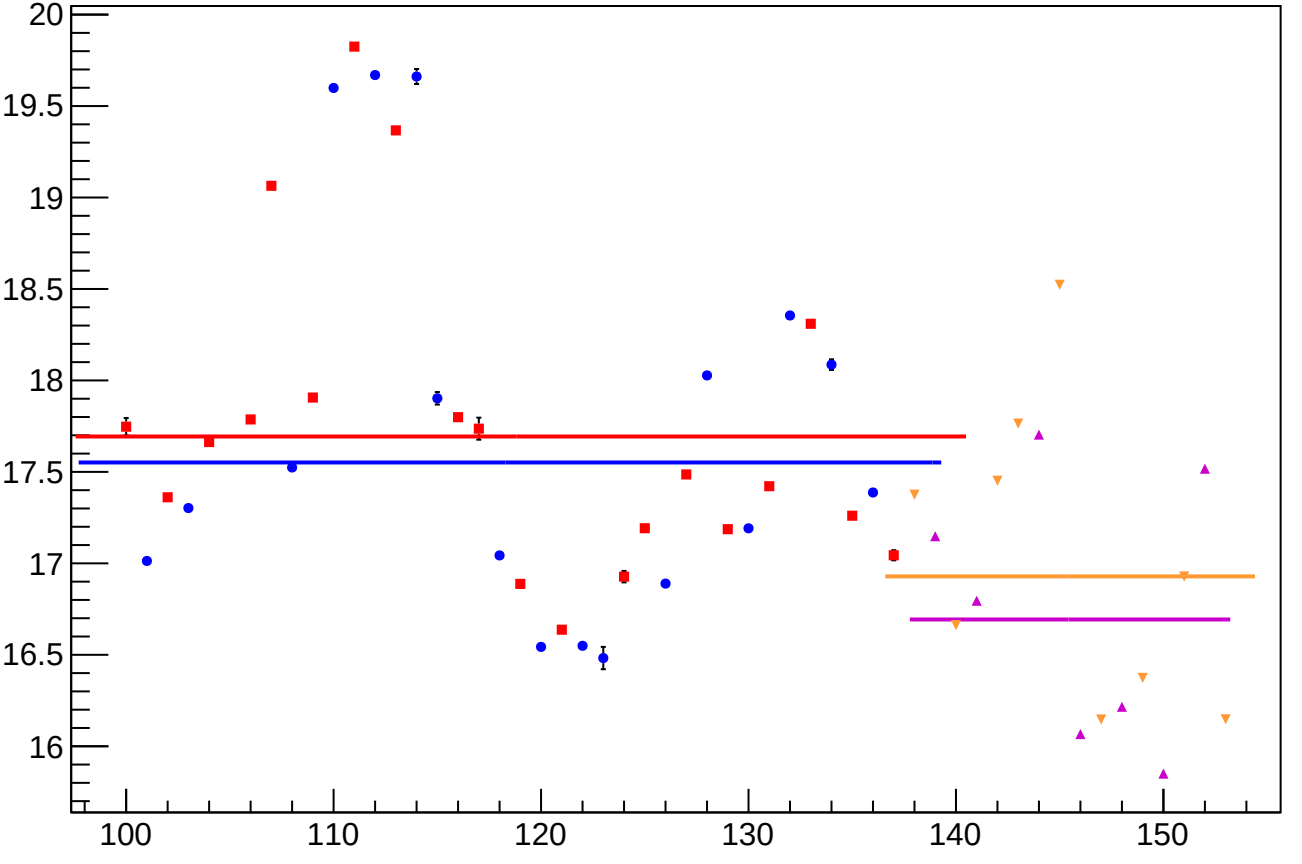
Right Out: 9.809+/-6.606 χ^2/NDF: 20.5/19

Left In: -8.974+/-7.004 χ^2/NDF:8.8/6

0.920+/-4.730 χ^2/NDF: 14.8/25

0.966+/-4.806 χ^2/NDF: 33.1/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.552+/-0.005 χ^2/NDF: 34027.1/16

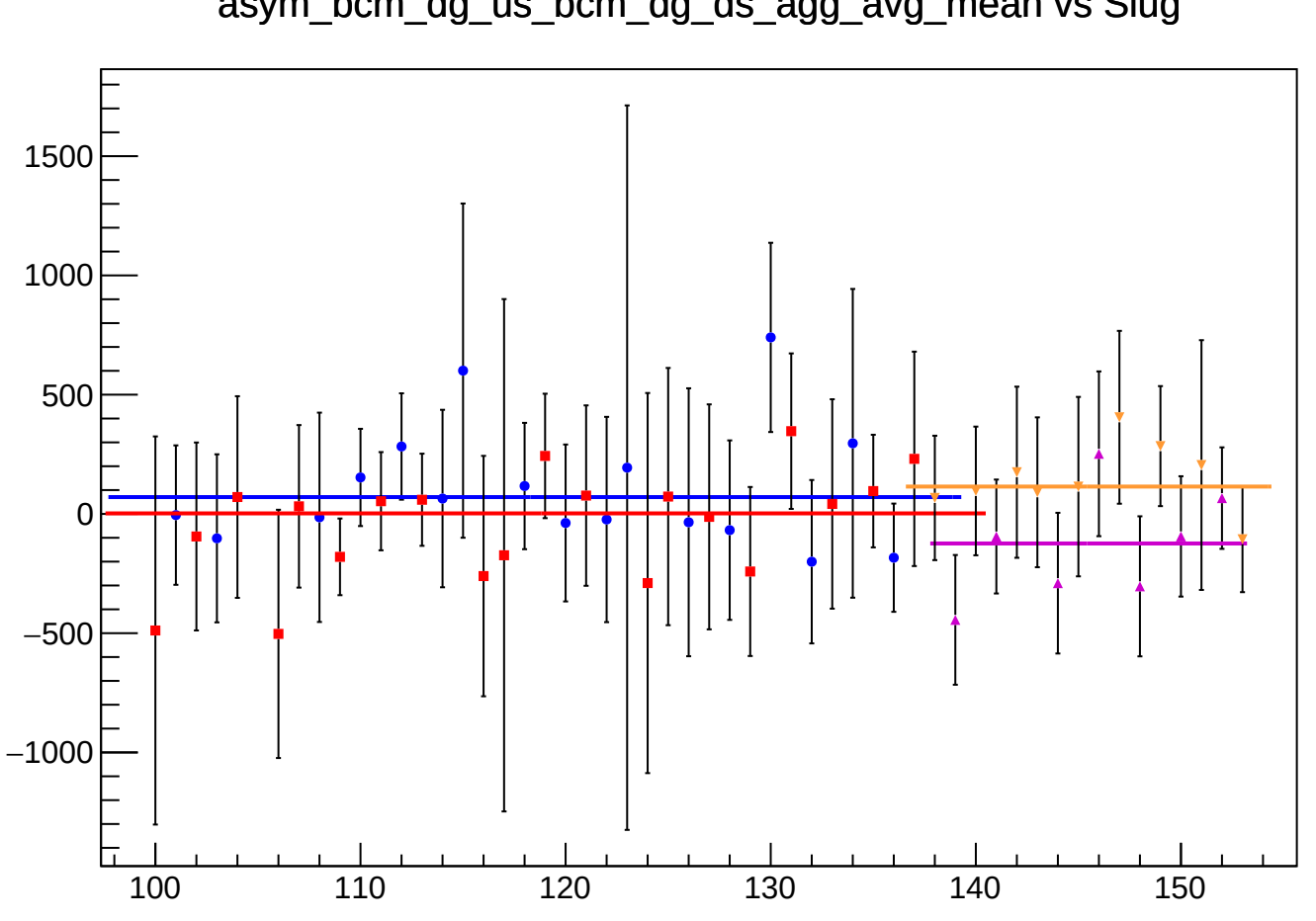
Left Out: 16.929+/-0.005 χ^2/NDF:25701.7/8

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

Left In: 16.693+/-0.005 χ^2/NDF:19004.9/6

17.233+/-0.003 χ^2/NDF: 68392.9/25

17.223+/-0.003 χ^2/NDF: 71342.4/26



Right In: 70.634+/-80.409 χ^2/NDF: 7.2/16

Left Out: 114.702+/-99.593 χ^2/NDF:2.2/8

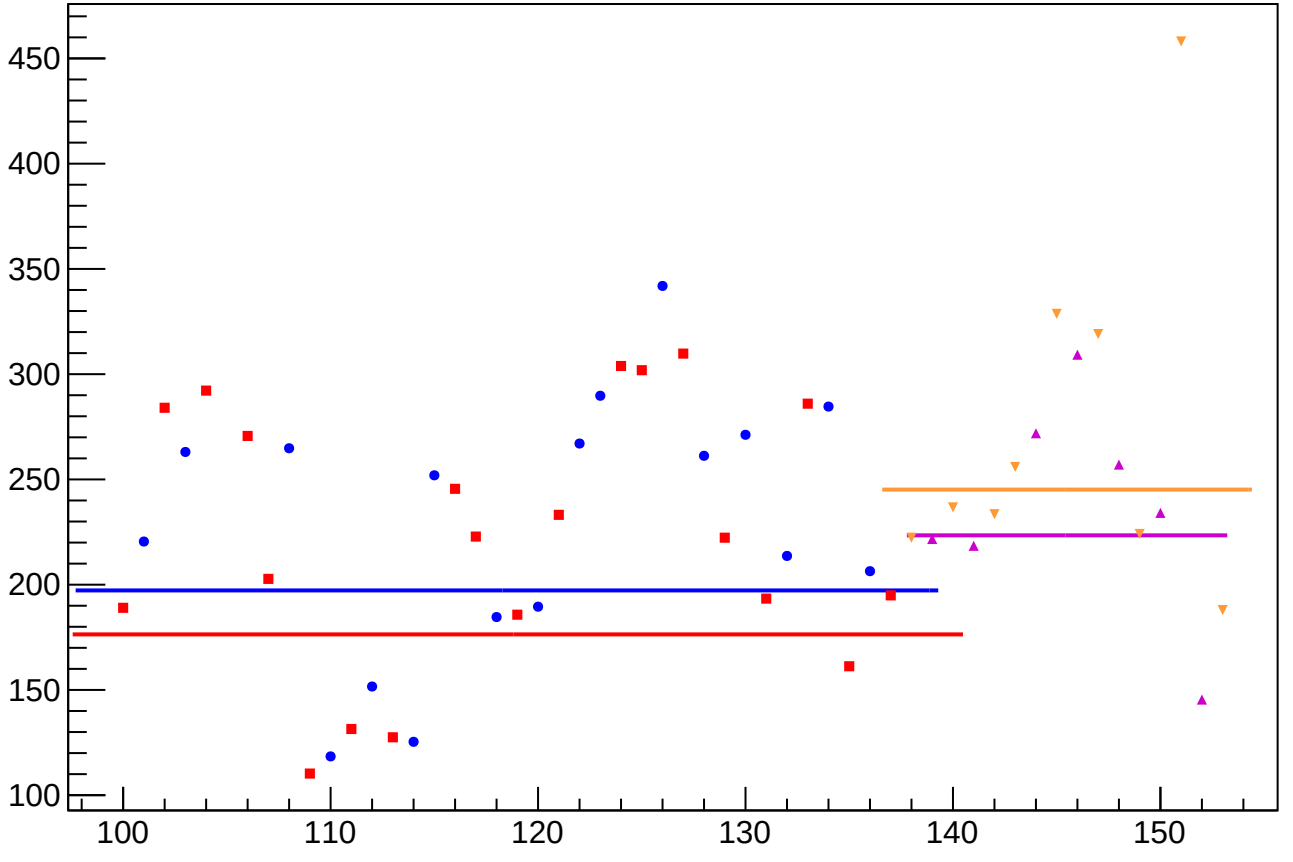
Right Out: 2.285+/-71.350 χ^2/NDF: 6.2/19

Left In: -123.860+/-99.831 χ^2/NDF:4.1/6

88.024+/-62.563 χ^2/NDF: 9.5/25

-40.365+/-58.048 χ^2/NDF: 11.3/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.271+/-0.057 χ^2/NDF: 969549.7/16

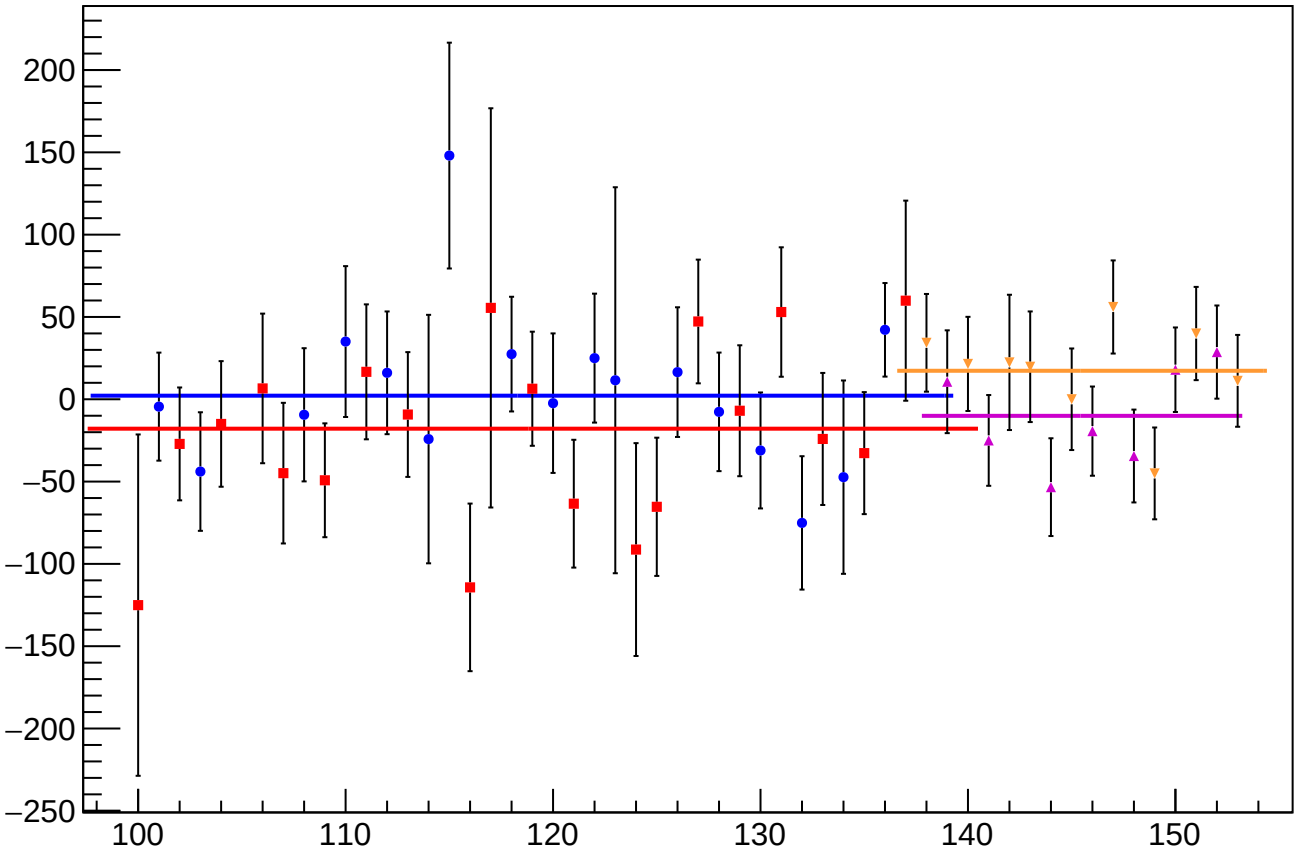
Left Out: 245.164+/-0.070 χ^2/NDF:681304.4/8

Right Out: 176.387+/-0.050 χ^2/NDF: 1523467.7/19

Left In: 223.448+/-0.071 χ^2/NDF:477175.4/6

216.171+/-0.044 χ^2/NDF: 1930839.9/25

192.298+/-0.041 χ^2/NDF: 2294823.7/26



Right In: 2.178+/-9.825 χ^2/NDF: 15.4/16

Left Out: 17.311+/-10.023 χ^2/NDF:8.2/8

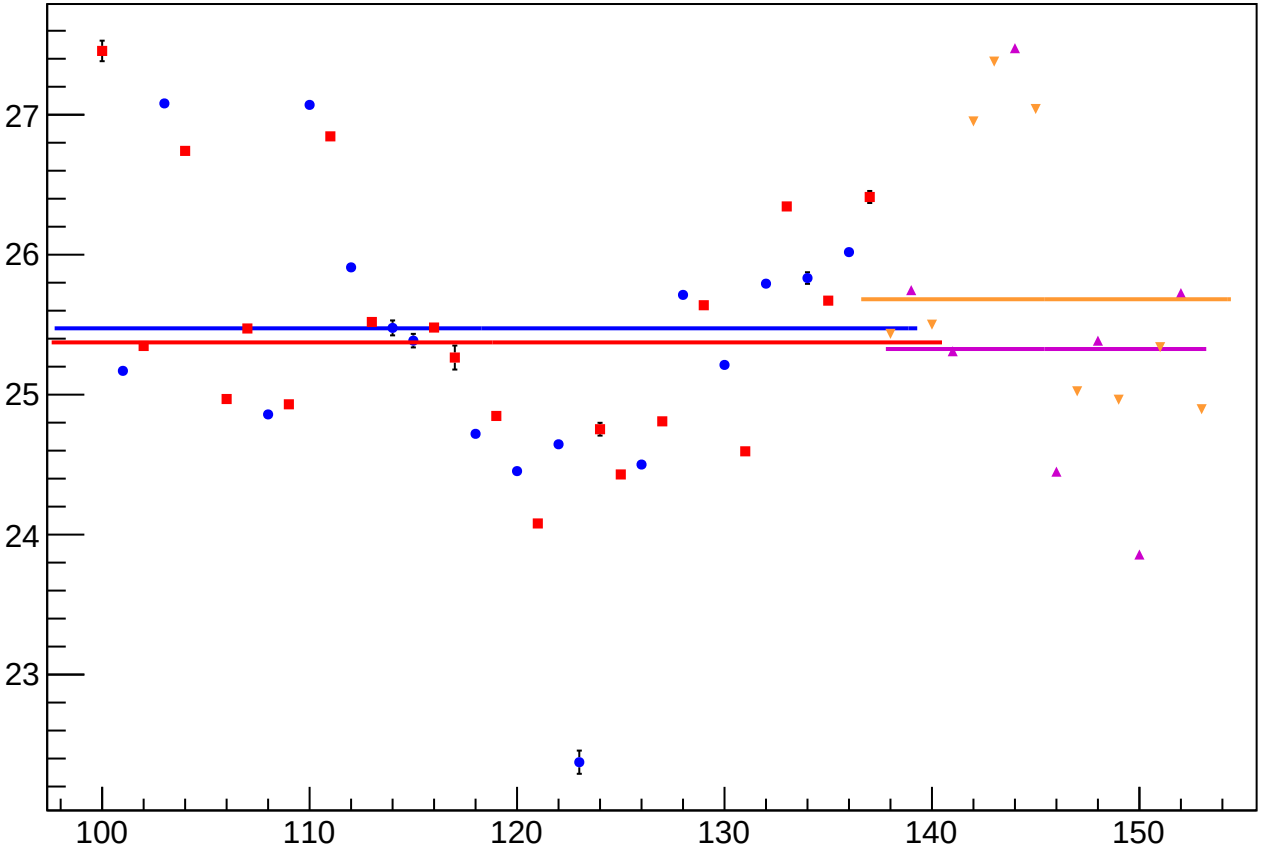
Right Out: -17.869+/-9.468 χ^2/NDF: 20.0/19

Left In: -10.066+/-10.623 χ^2/NDF:6.8/6

9.593+/-7.016 χ^2/NDF: 24.8/25

-14.415+/-7.068 χ^2/NDF: 27.0/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.474+/-0.007 χ^2/NDF: 14061.2/16

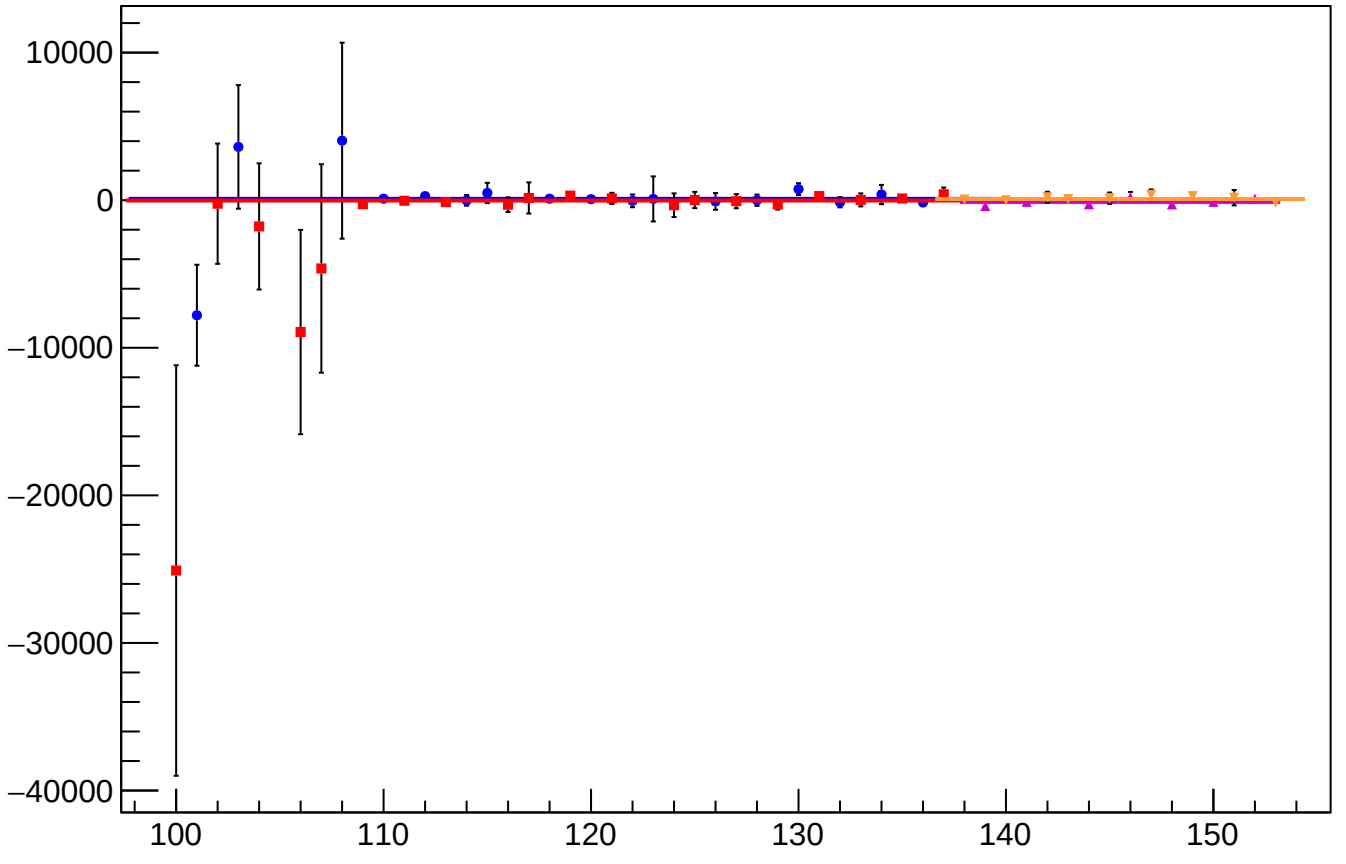
Left Out: 25.682+/-0.007 χ^2/NDF:15407.2/8

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

Left In: 25.326+/-0.008 χ^2/NDF:19885.7/6

25.576+/-0.005 χ^2/NDF: 29906.4/25

25.352+/-0.005 χ^2/NDF: 33490.6/26



Right In: 89.619+/-87.630 χ^2/NDF: 12.3/16

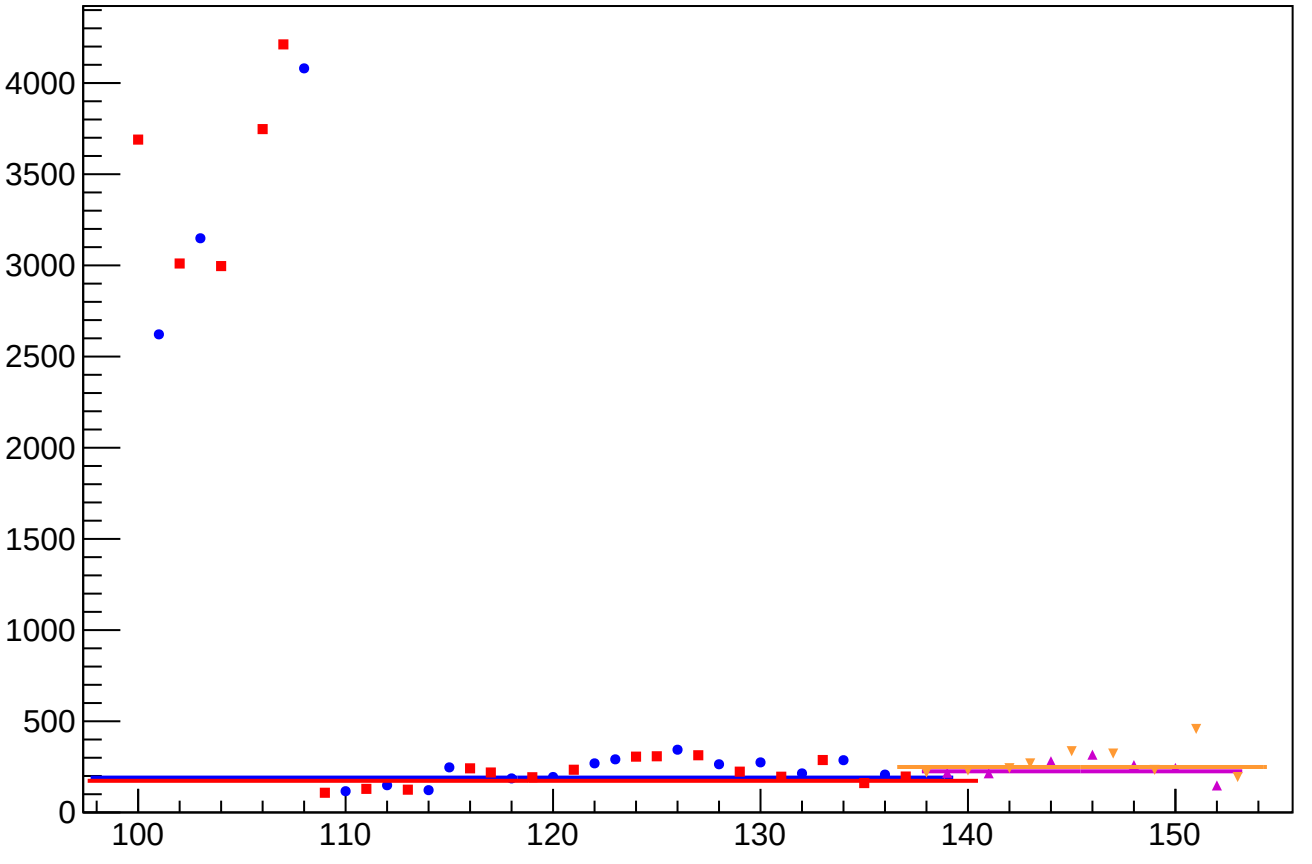
Left Out: 77.211+/-101.198 χ^2/NDF:2.6/8

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

Left In: -116.135+/-100.834 χ^2/NDF:3.5/6

84.302+/-66.246 χ^2/NDF: 14.9/25

-58.490+/-62.990 χ^2/NDF: 16.0/26



Right In: 191.190+/-0.062 χ^2/NDF: 3571747.5/16

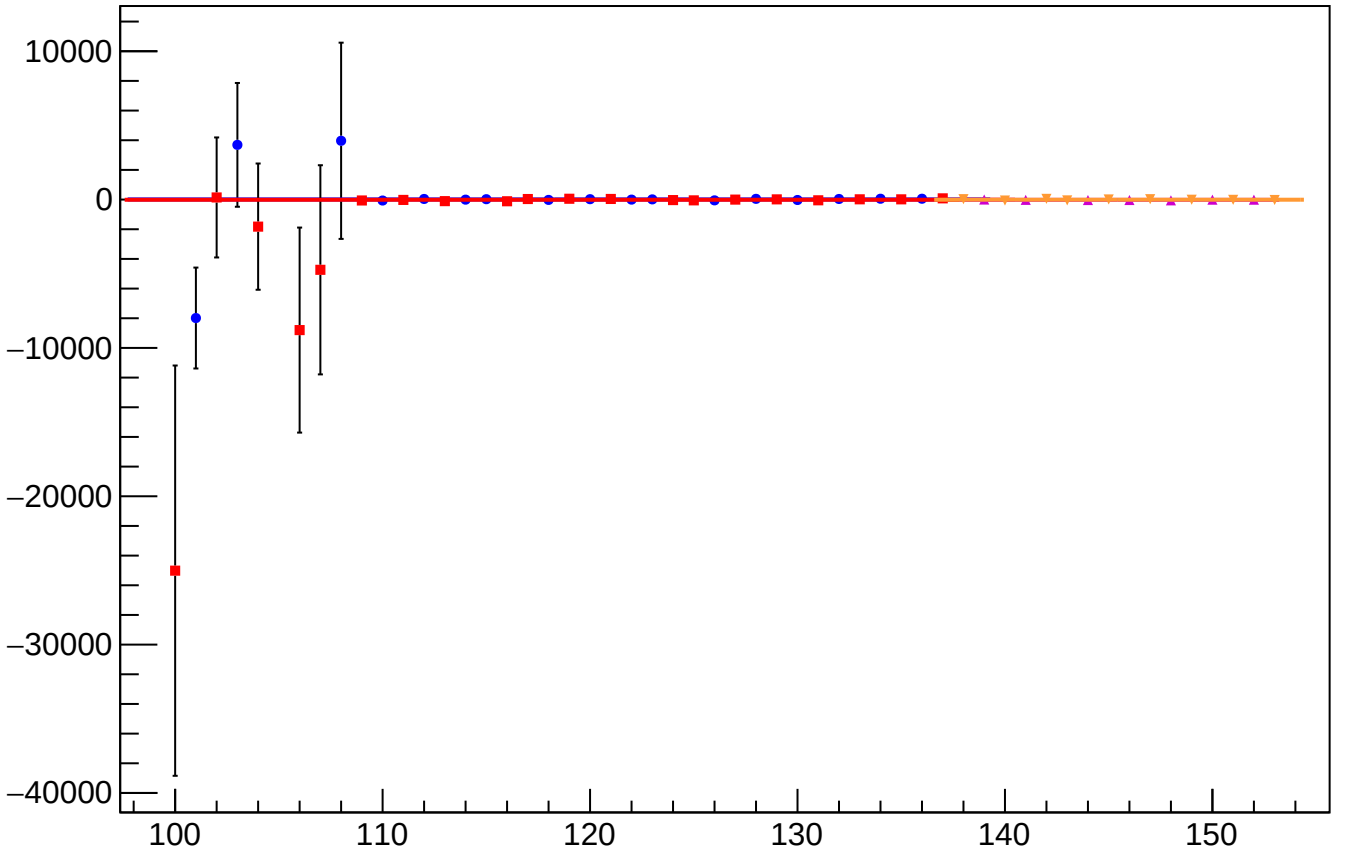
Left Out: 249.281+/-0.072 χ^2/NDF:672709.2/8

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

Left In: 225.572+/-0.071 χ^2/NDF:501582.6/6

216.083+/-0.047 χ^2/NDF: 4621082.1/25

193.842+/-0.045 χ^2/NDF: 5037283.9/26



Right In: 10.398+/-12.190 χ^2/NDF: 18.3/16

Left Out: -9.248+/-11.696 χ^2/NDF:8.4/8

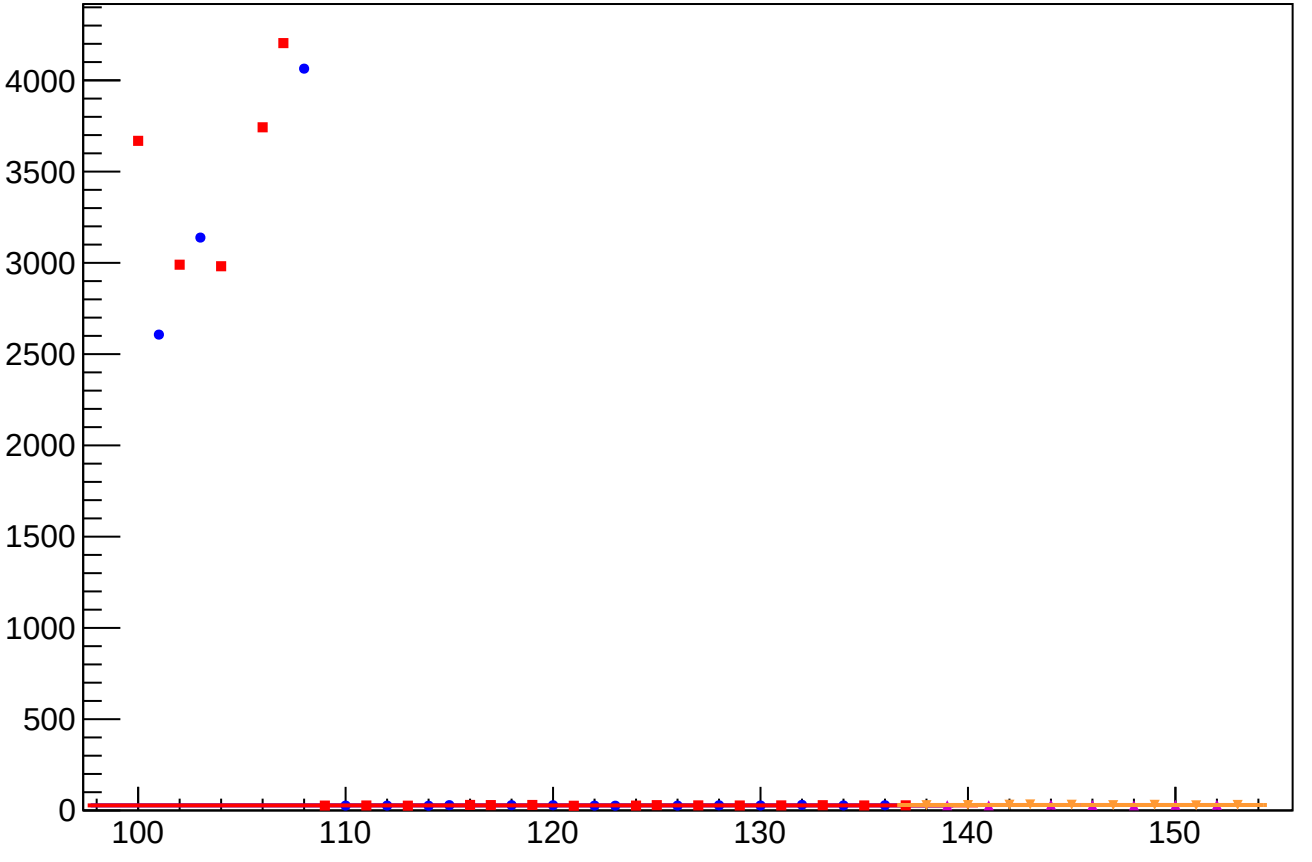
Right Out: -12.573+/-12.182 χ^2/NDF: 24.5/19

Left In: -20.708+/-12.610 χ^2/NDF:1.9/6

0.169+/-8.439 χ^2/NDF: 28.0/25

-16.500+/-8.761 χ^2/NDF: 26.7/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.837+/-0.009 χ^2/NDF: 3026887.2/16

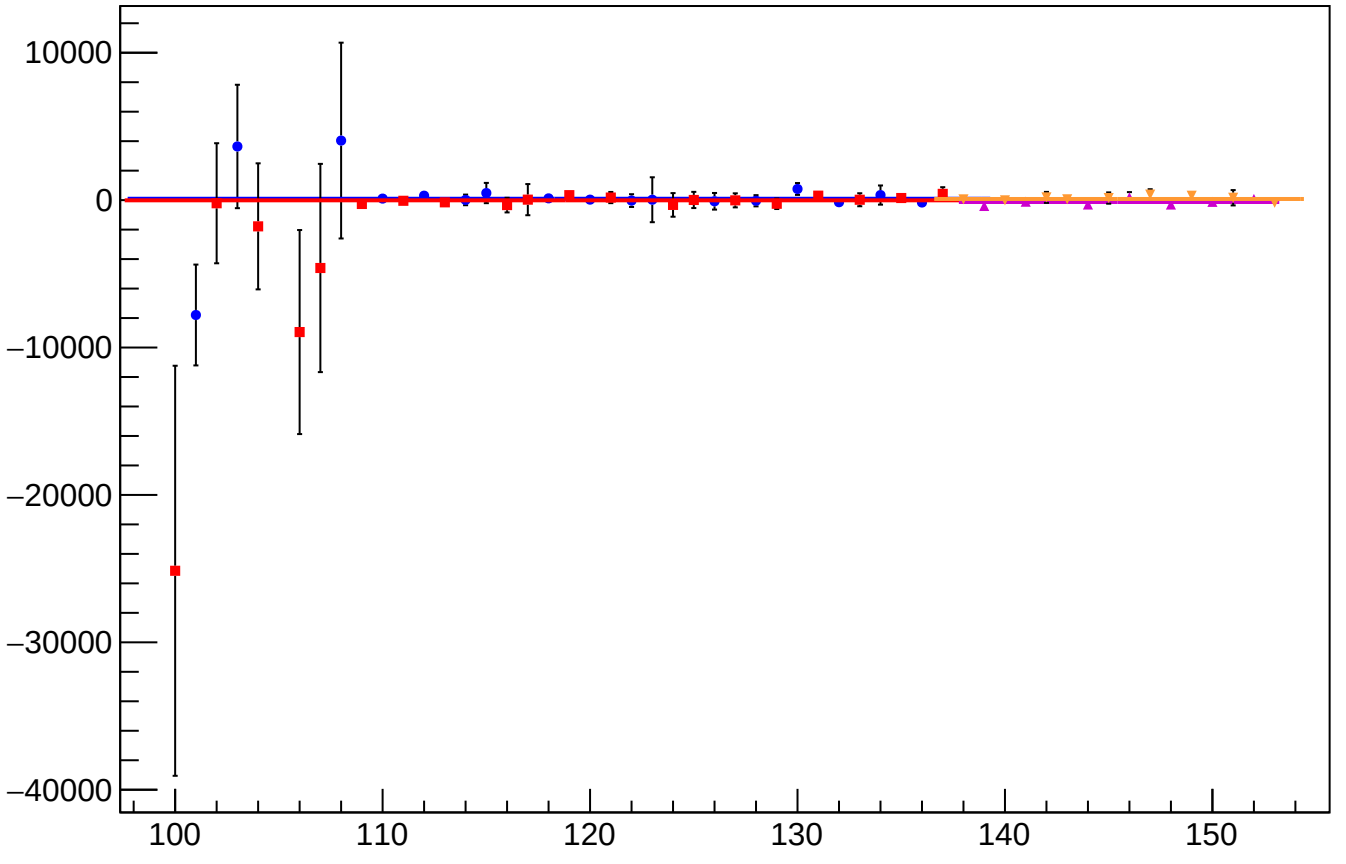
Left Out: 29.911+/-0.008 χ^2/NDF:29430.9/8

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

Left In: 29.989+/-0.009 χ^2/NDF:30030.4/6

28.917+/-0.006 χ^2/NDF: 3086474.7/25

28.808+/-0.006 χ^2/NDF: 3541013.3/26



Right In: 92.840+/-87.359 χ^2/NDF: 12.6/16

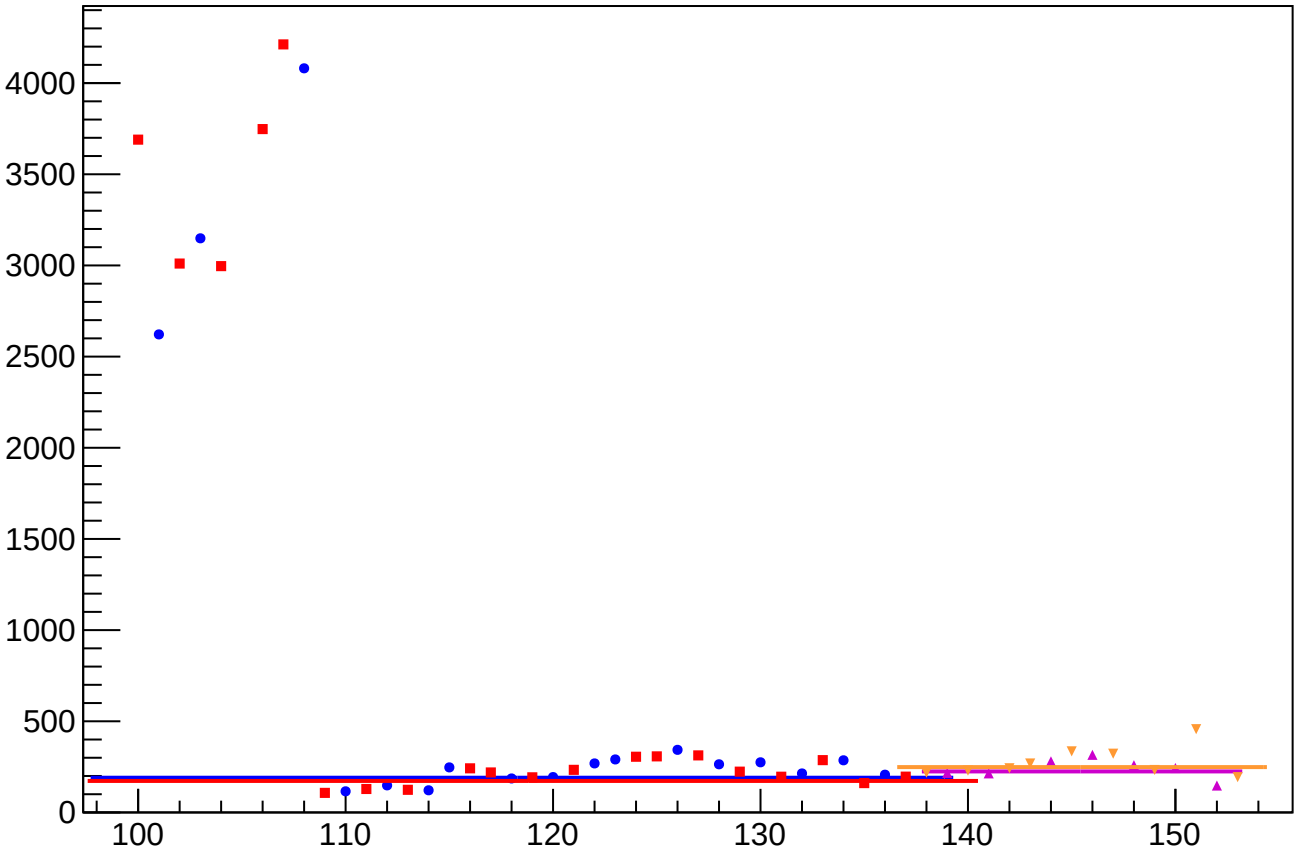
Left Out: 78.078+/-100.974 χ^2/NDF:2.9/8

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

Left In: -126.326+/-100.595 χ^2/NDF:3.4/6

86.520+/-66.065 χ^2/NDF: 15.6/25

-56.879+/-62.808 χ^2/NDF: 16.8/26



Right In: 190.485+/-0.062 χ^2/NDF: 3583573.2/16

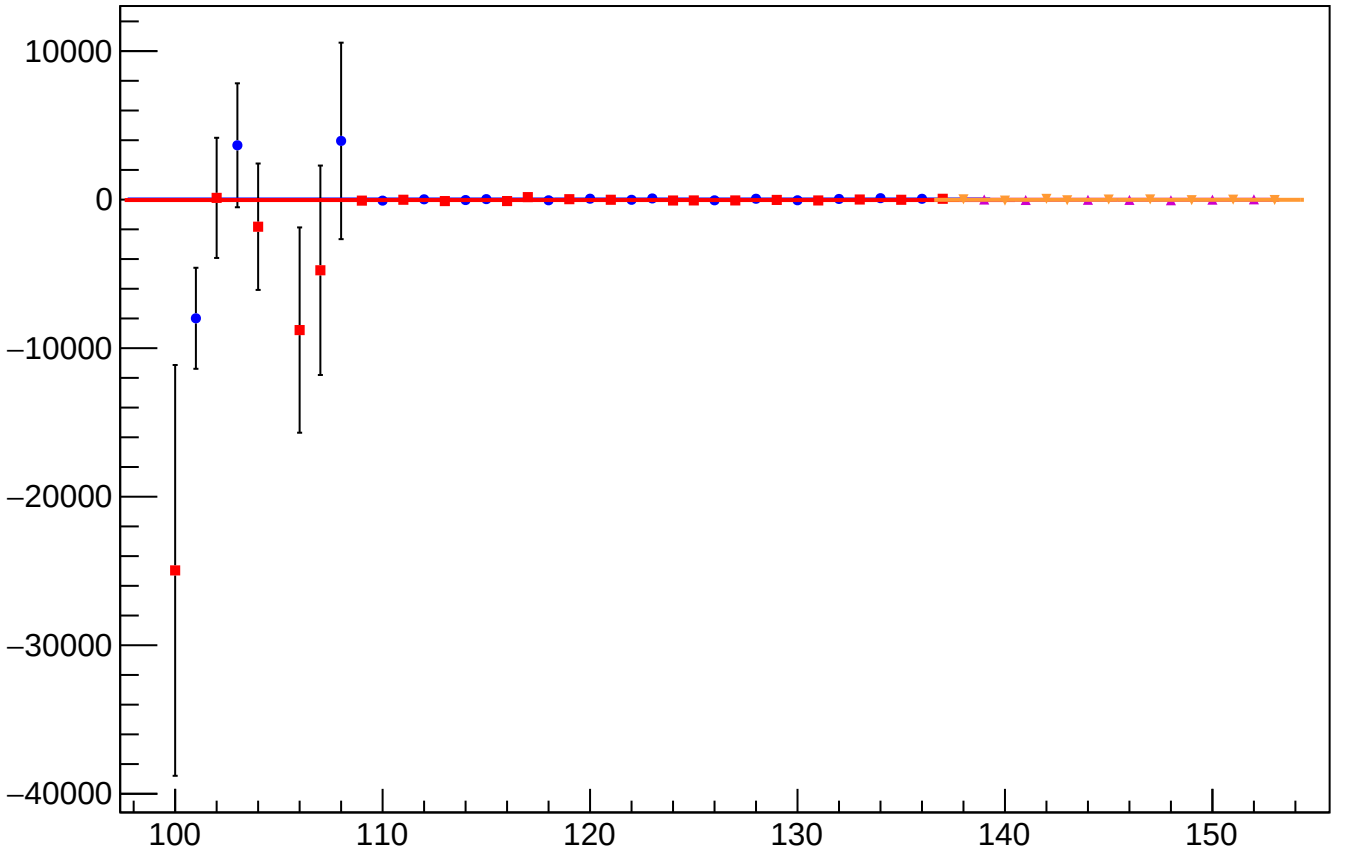
Left Out: 248.726+/-0.071 χ^2/NDF:672782.5/8

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

Left In: 225.014+/-0.071 χ^2/NDF:503377.0/6

215.417+/-0.047 χ^2/NDF: 4636889.1/25

193.198+/-0.044 χ^2/NDF: 5053514.7/26



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

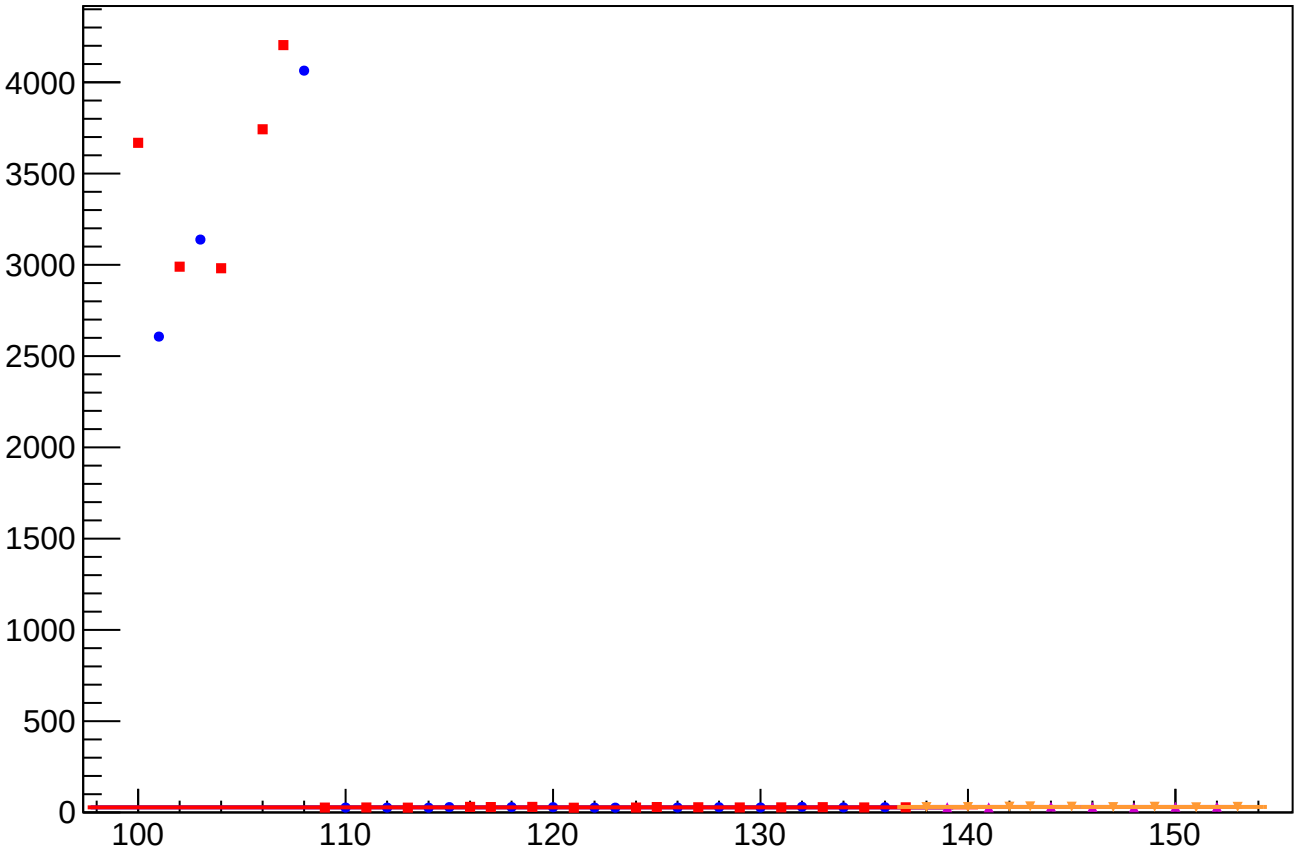
Left Out: -11.422+/-11.777 χ^2/NDF:7.4/8

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

Left In: -10.470+/-12.673 χ^2/NDF:2.3/6

-1.344+/-8.498 χ^2/NDF: 32.1/25

-19.576+/-8.820 χ^2/NDF: 21.8/26



Right In: 28.023+/-0.009 χ^2/NDF: 3027003.0/16

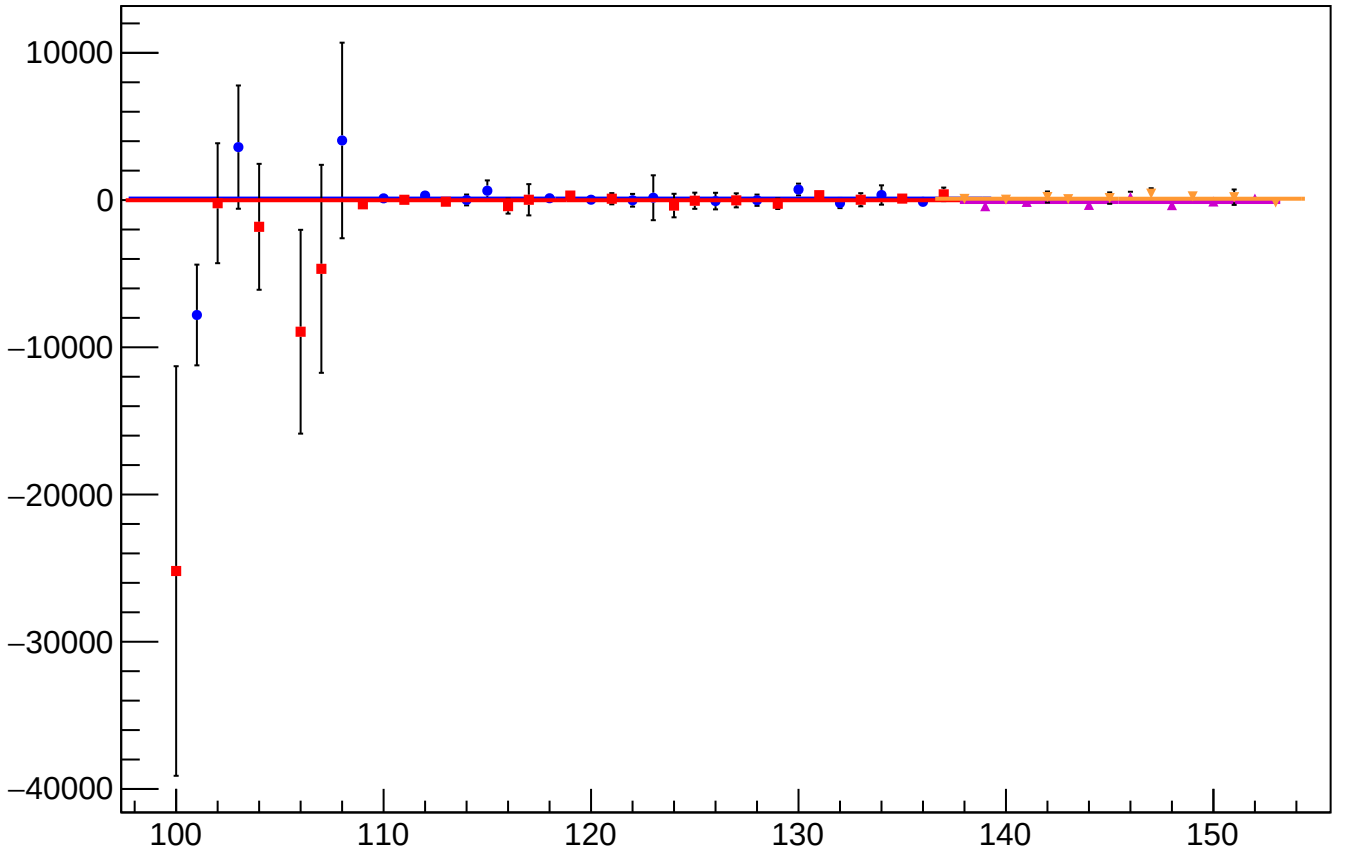
Left Out: 30.117+/-0.008 χ^2/NDF:30753.7/8

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

Left In: 30.148+/-0.009 χ^2/NDF:30223.0/6

29.113+/-0.006 χ^2/NDF: 3088075.4/25

29.004+/-0.006 χ^2/NDF: 3541709.0/26



Right In: 101.772+/-88.390 χ^2/NDF: 12.4/16

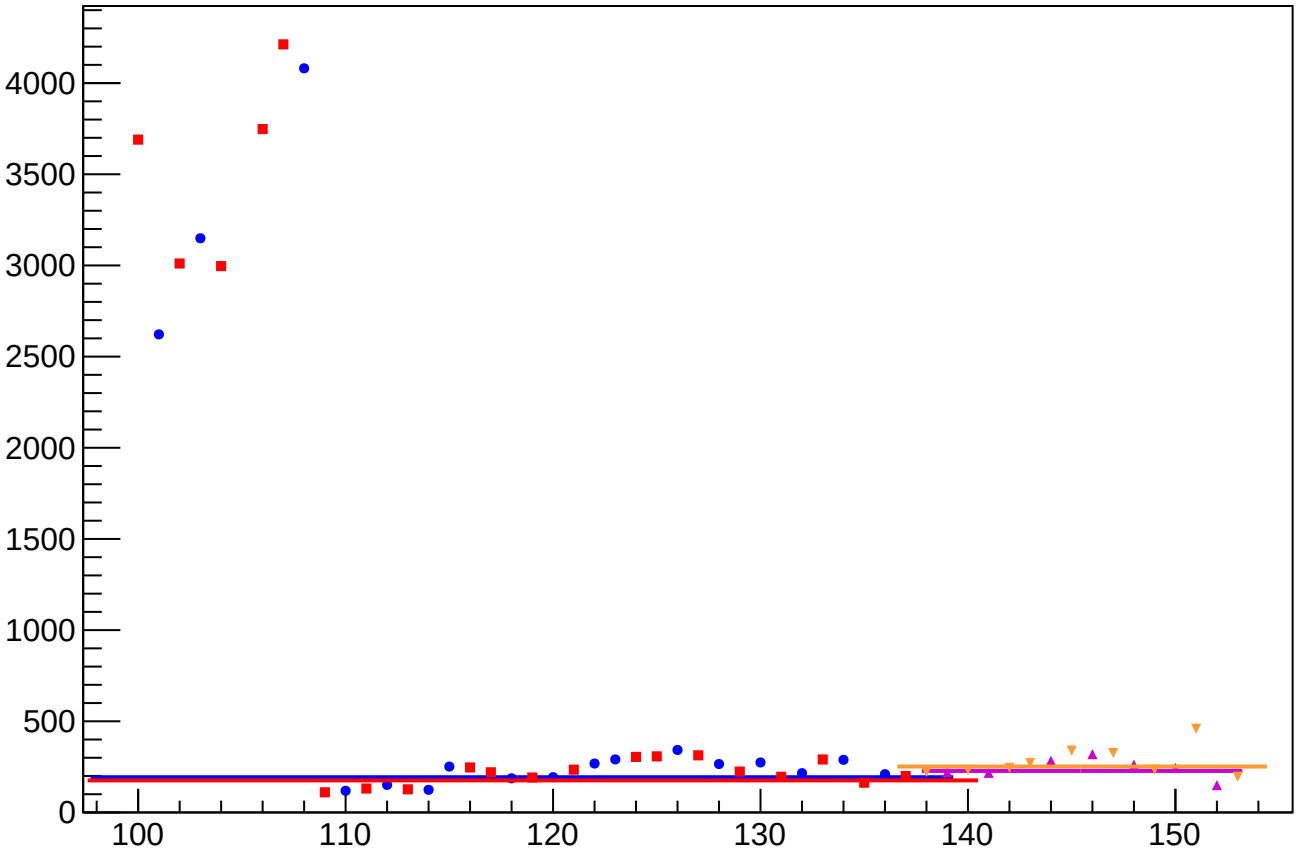
Left Out: 91.657+/-102.224 χ^2/NDF:2.7/8

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

Left In: -131.990+/-101.760 χ^2/NDF:4.1/6

97.445+/-66.862 χ^2/NDF: 15.1/25

-58.293+/-63.606 χ^2/NDF: 17.2/26



Right In: 193.190+/-0.063 χ^2/NDF: 3536123.5/16

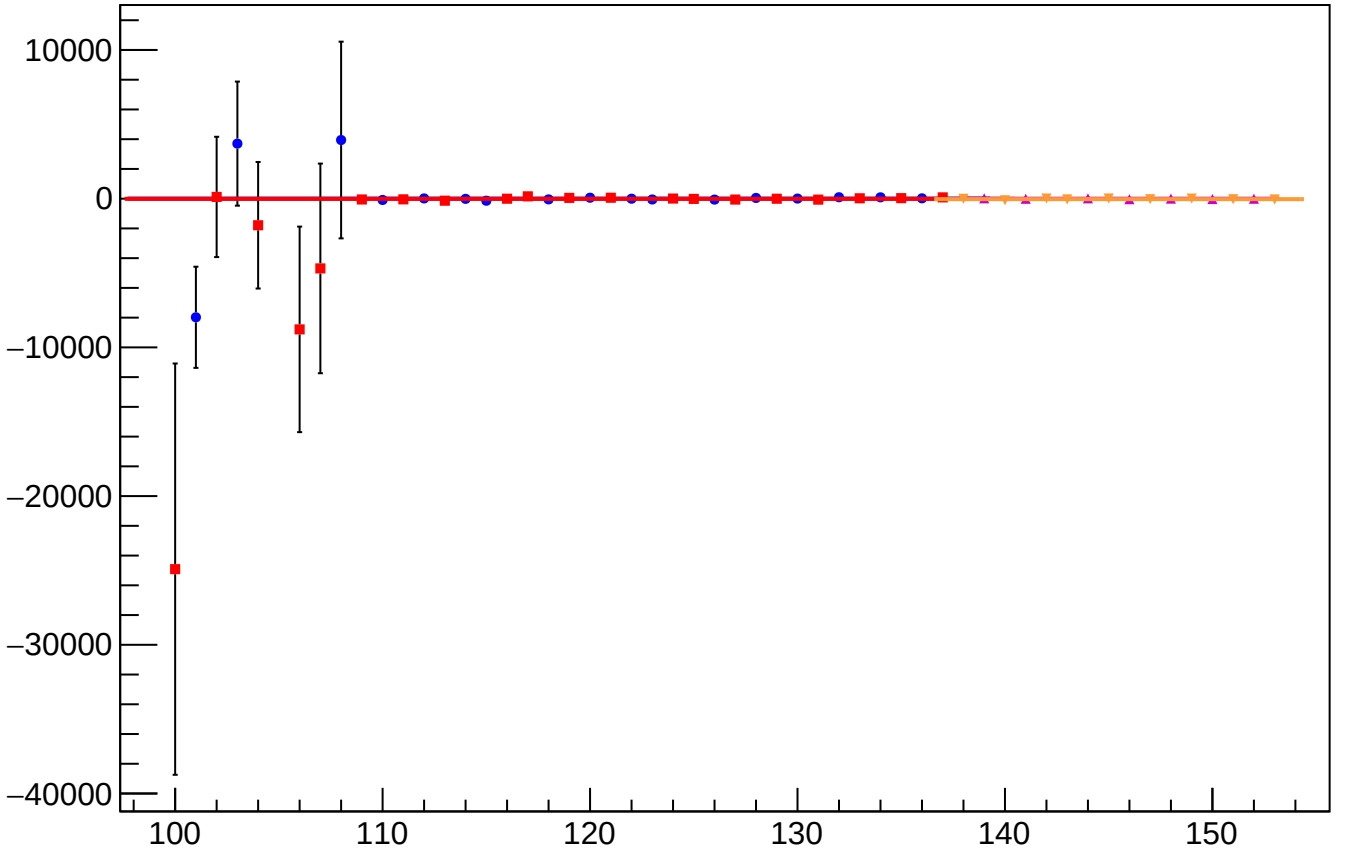
Left Out: 251.946+/-0.072 χ^2/NDF:664043.4/8

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

Left In: 227.745+/-0.072 χ^2/NDF:499684.8/6

218.326+/-0.047 χ^2/NDF: 4578234.7/25

196.064+/-0.045 χ^2/NDF: 4986768.0/26



Right In: 4.651+/-14.935 χ^2/NDF: 20.4/16

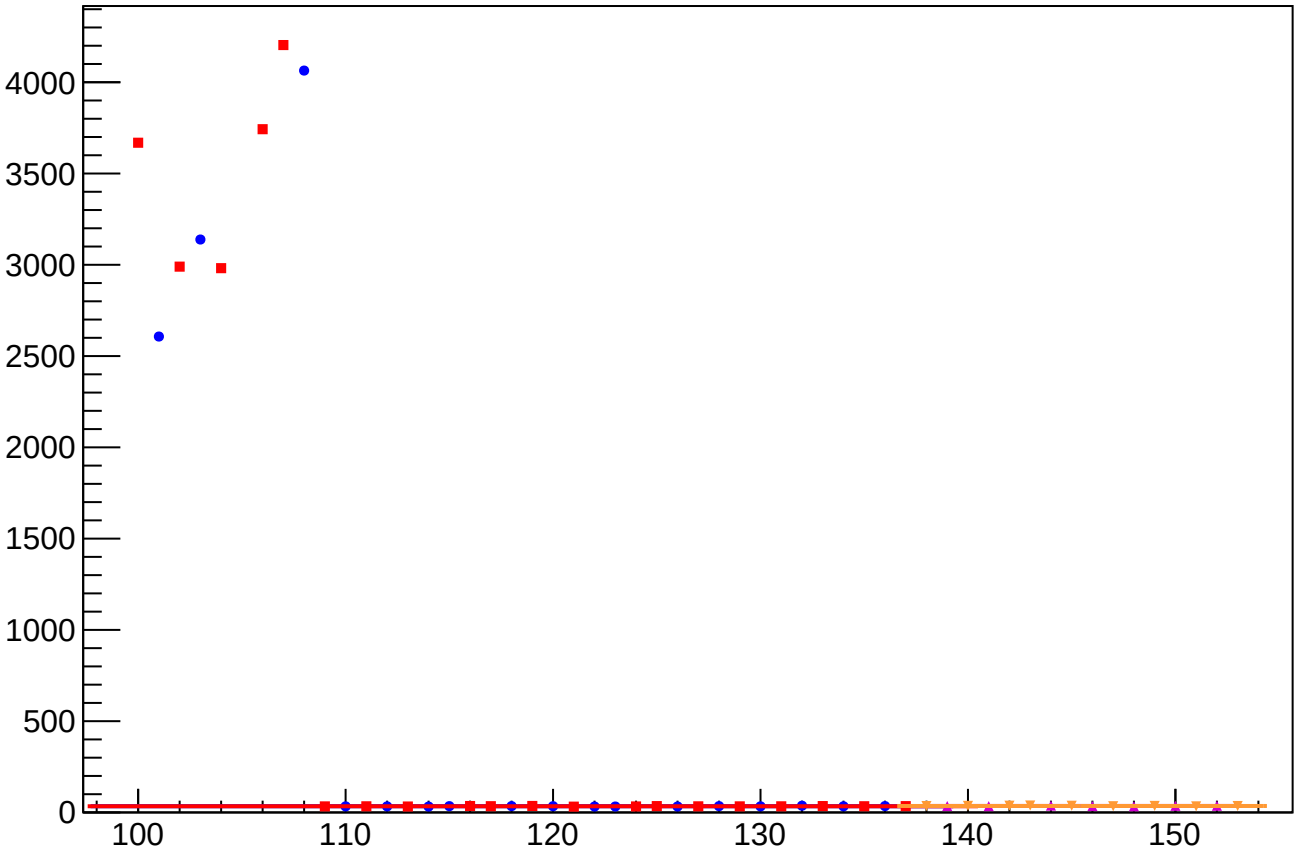
Left Out: -31.137+/-13.851 χ^2/NDF:6.9/8

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

Left In: -2.625+/-14.945 χ^2/NDF:1.8/6

-14.589+/-10.156 χ^2/NDF: 30.4/25

-6.880+/-10.547 χ^2/NDF: 24.7/26



Right In: 34.137+/-0.011 χ^2/NDF: 3006248.0/16

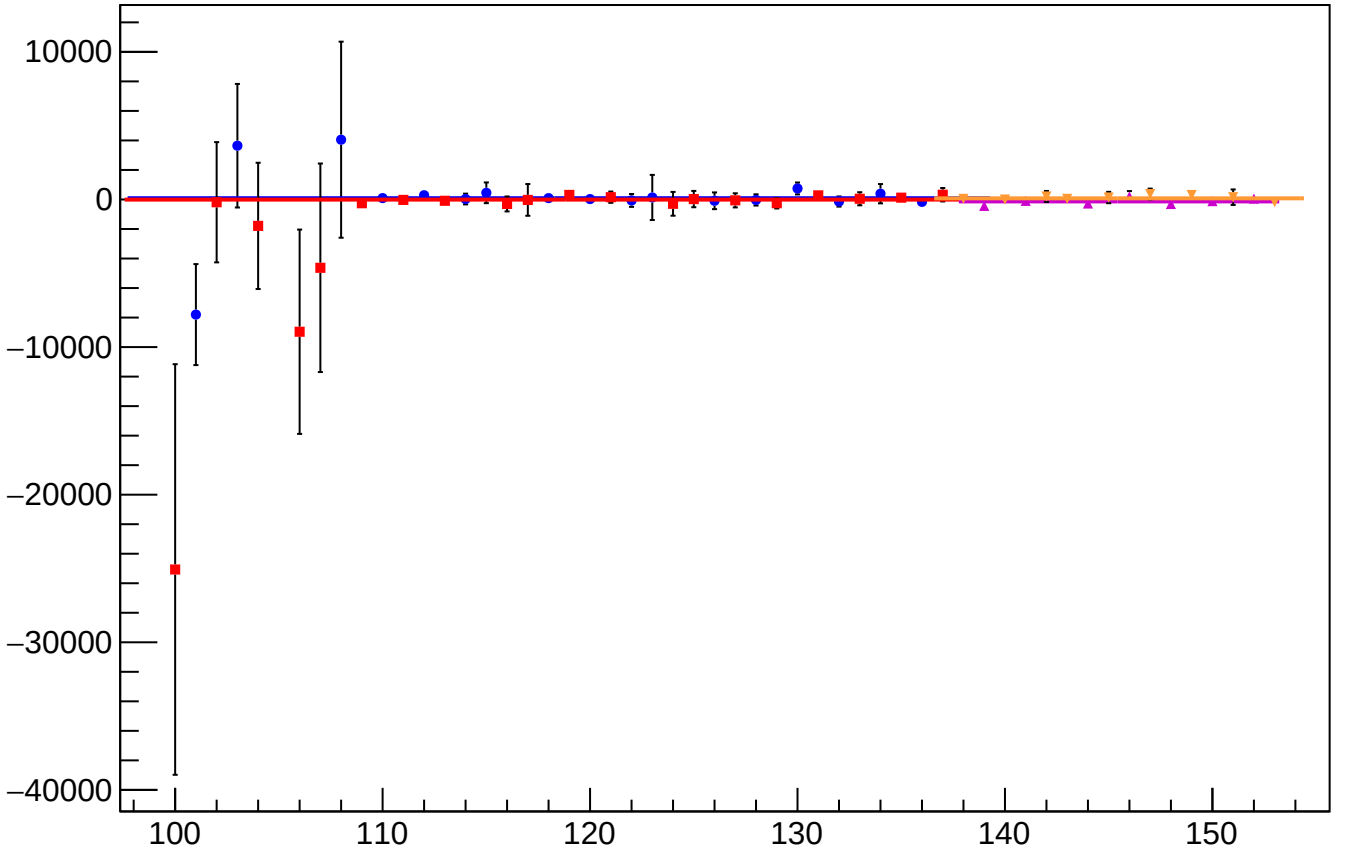
Left Out: 35.471+/-0.010 χ^2/NDF:19067.4/8

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

Left In: 35.620+/-0.011 χ^2/NDF:12529.3/6

34.854+/-0.007 χ^2/NDF: 3033890.6/25

34.764+/-0.007 χ^2/NDF: 3477490.3/26



Right In: 86.041+/-87.947 χ^2/NDF: 12.4/16

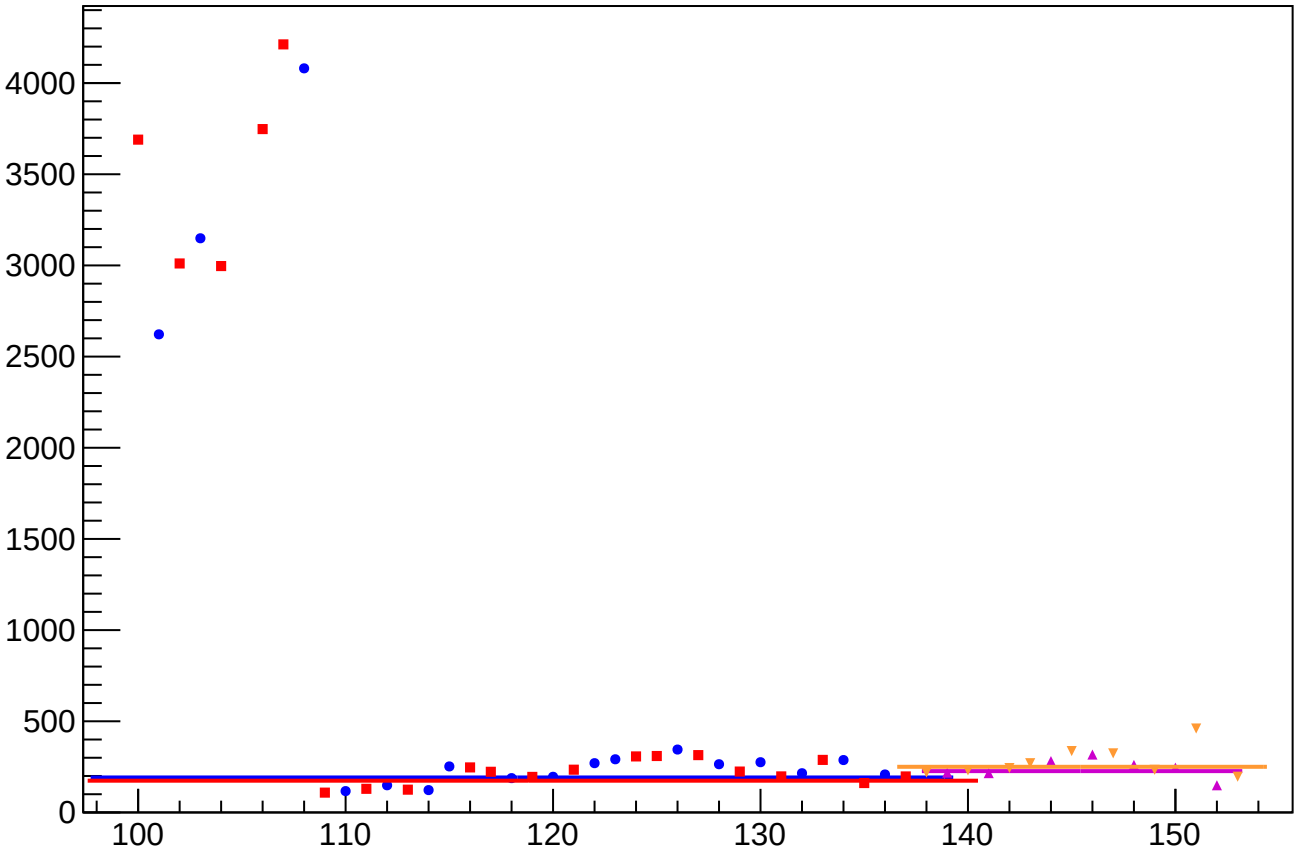
Left Out: 77.754+/-101.625 χ^2/NDF:3.0/8

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

Left In: -129.852+/-101.291 χ^2/NDF:3.6/6

82.492+/-66.502 χ^2/NDF: 15.4/25

-55.158+/-63.250 χ^2/NDF: 15.6/26



Right In: 191.880+/-0.062 χ^2/NDF: 3573060.2/16

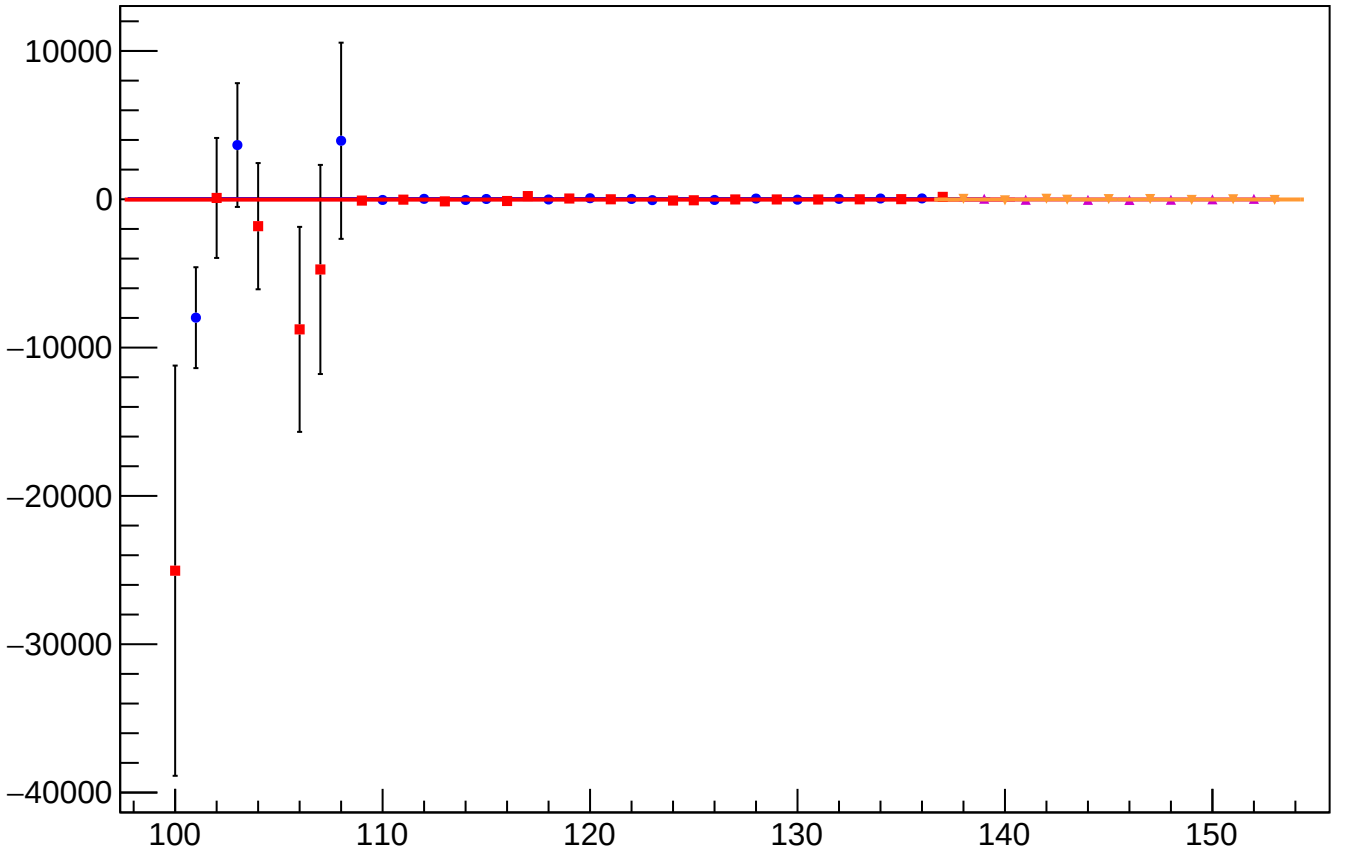
Left Out: 250.400+/-0.072 χ^2/NDF:667694.0/8

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

Left In: 226.668+/-0.072 χ^2/NDF:496148.1/6

216.940+/-0.047 χ^2/NDF: 4619953.1/25

194.662+/-0.045 χ^2/NDF: 5038990.6/26



Right In: 14.121+/-13.618 χ^2/NDF: 15.2/16

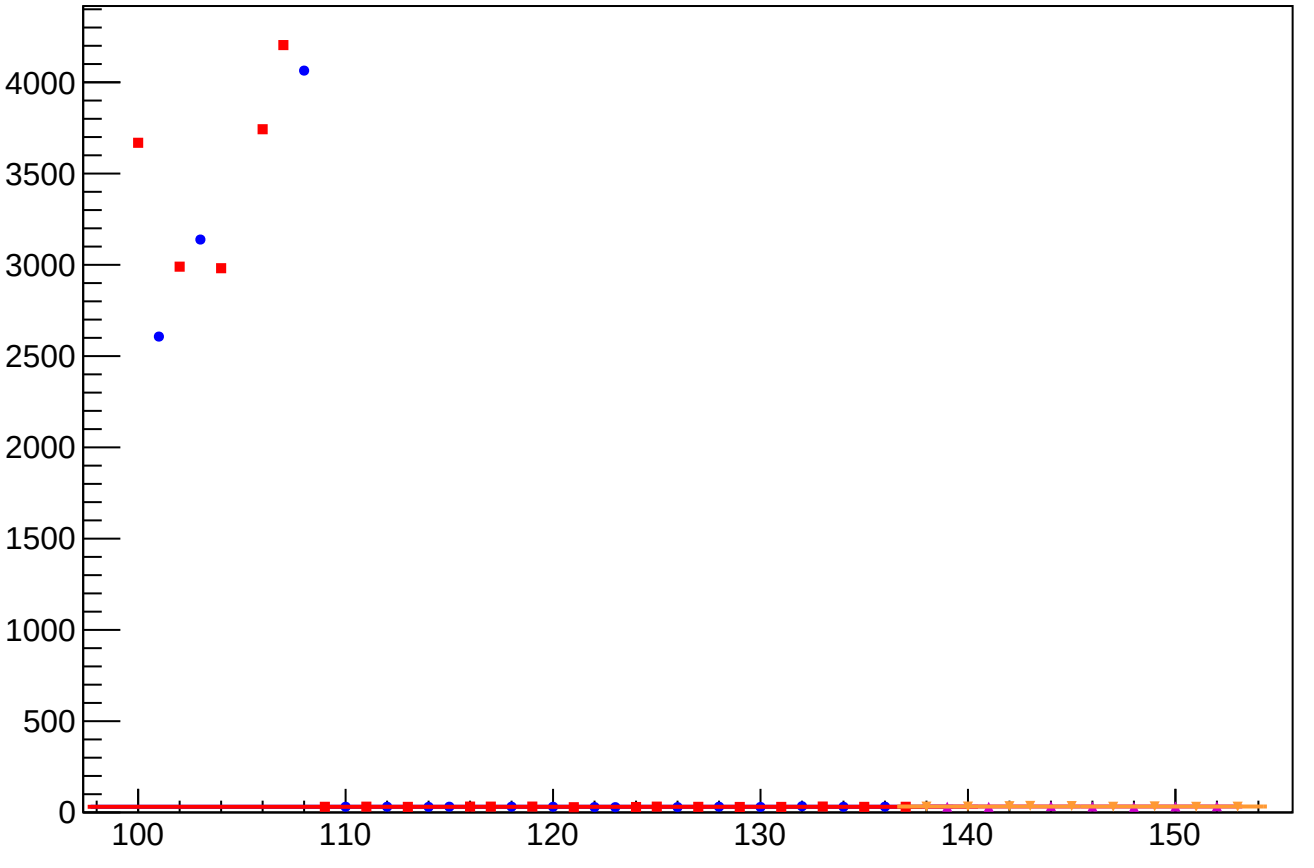
Left Out: -14.012+/-12.721 χ^2/NDF:7.4/8

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

Left In: -13.097+/-13.715 χ^2/NDF:4.9/6

-0.903+/-9.296 χ^2/NDF: 24.9/25

-17.328+/-9.658 χ^2/NDF: 34.9/26



Right In: 31.127+/-0.010 χ^2/NDF: 3014425.9/16

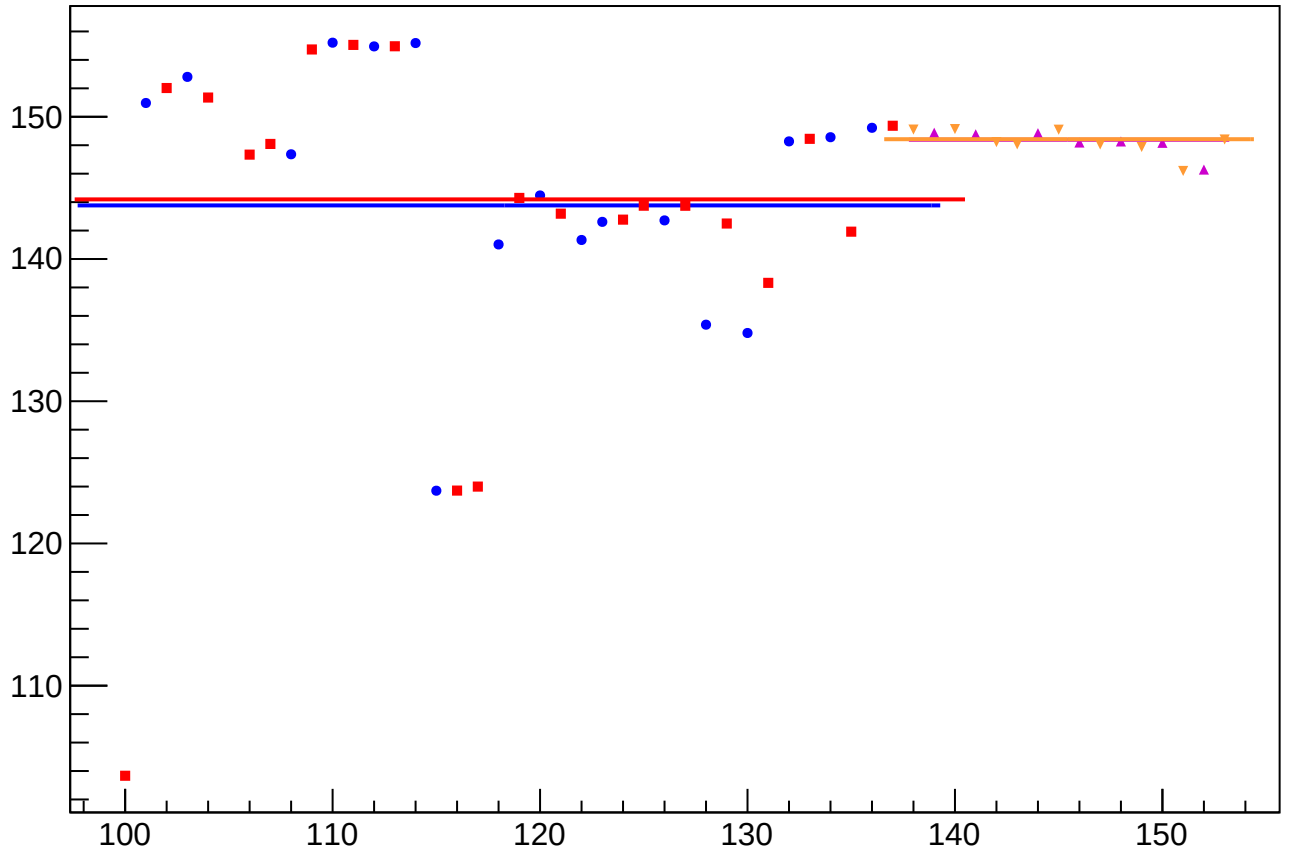
Left Out: 32.537+/-0.009 χ^2/NDF:31830.6/8

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

Left In: 32.619+/-0.010 χ^2/NDF:24372.1/6

31.880+/-0.007 χ^2/NDF: 3057713.3/25

31.788+/-0.007 χ^2/NDF: 3497966.0/26



Right In: 143.768+/-0.000 χ^2/NDF: 3532173868.5/16

Left Out: 148.423+/-0.000 χ^2/NDF:30682610.8/8

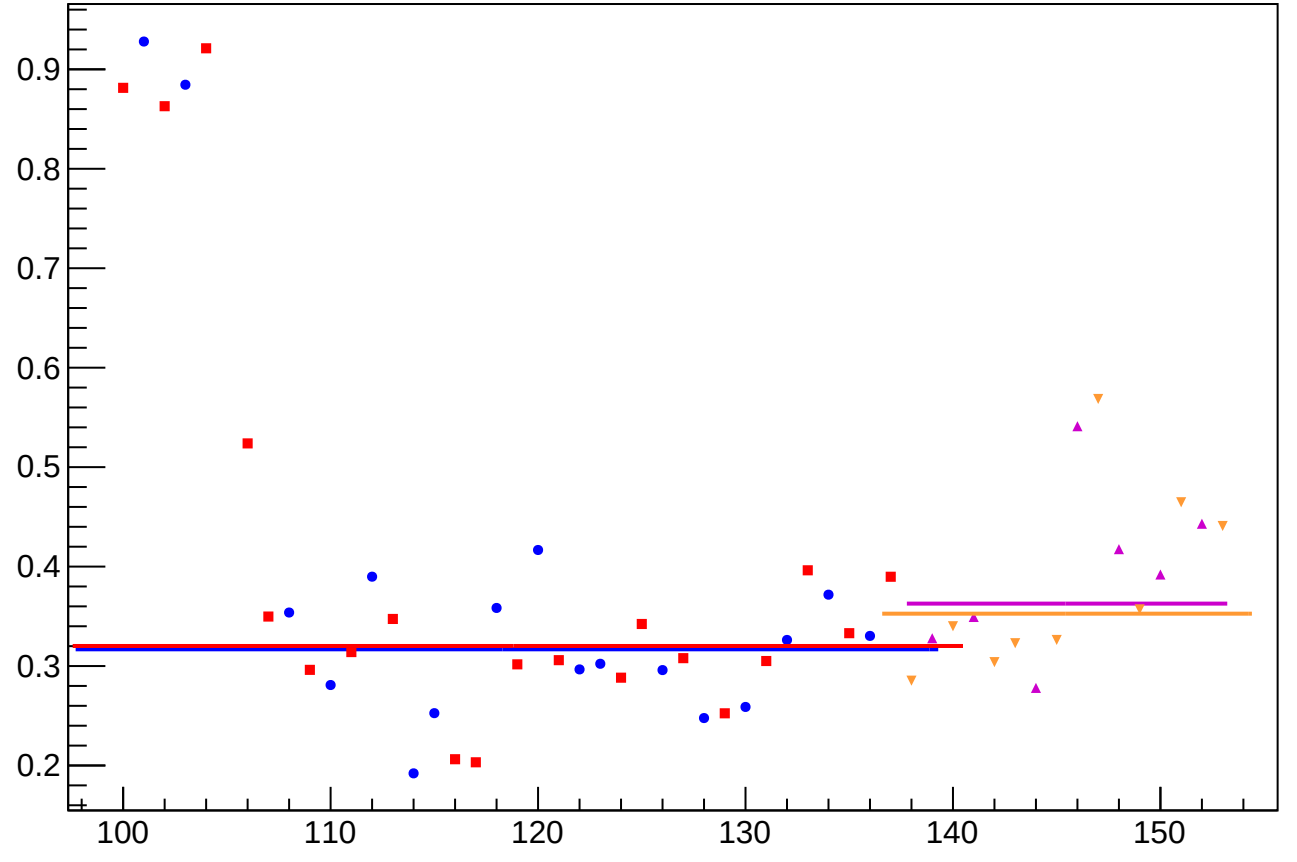
Right Out: 144.192+/-0.000 χ^2/NDF: 4524049993.1/19

Left In: 148.385+/-0.000 χ^2/NDF:22676419.8/6

145.937+/-0.000 χ^2/NDF: 4124647206.5/25

145.914+/-0.000 χ^2/NDF: 4961065805.4/26

yield_bcm_an_ds_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF: 1278613.2/16

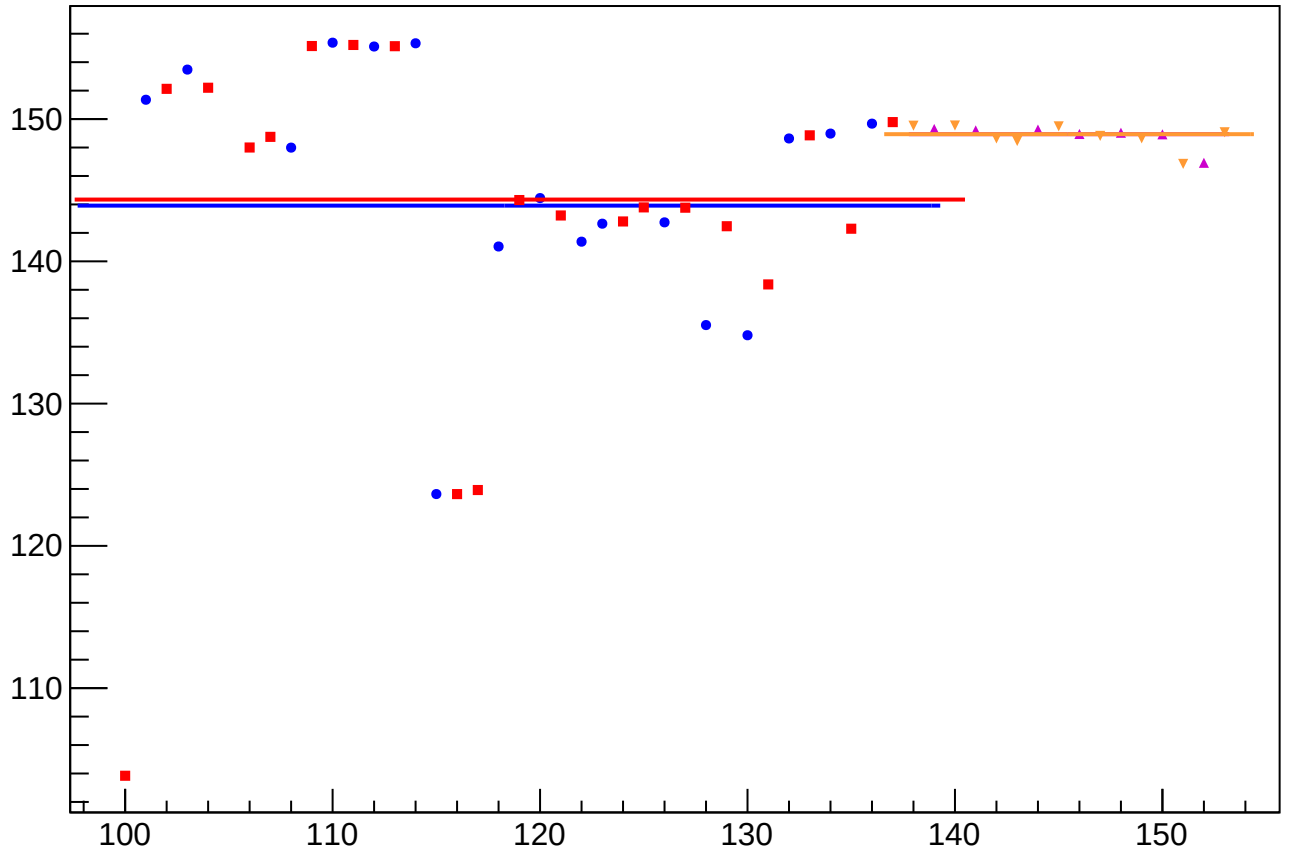
Left Out: 0.353+/-0.000 χ^2/NDF:482822.2/8

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

Left In: 0.363+/-0.000 χ^2/NDF:431291.6/6

0.334+/-0.000 χ^2/NDF: 1828010.7/25

0.338+/-0.000 χ^2/NDF: 1757461.1/26



Right In: 143.917+/-0.000 χ^2/NDF: 3584662767.5/16

Left Out: 148.938+/-0.000 χ^2/NDF:24496900.5/8

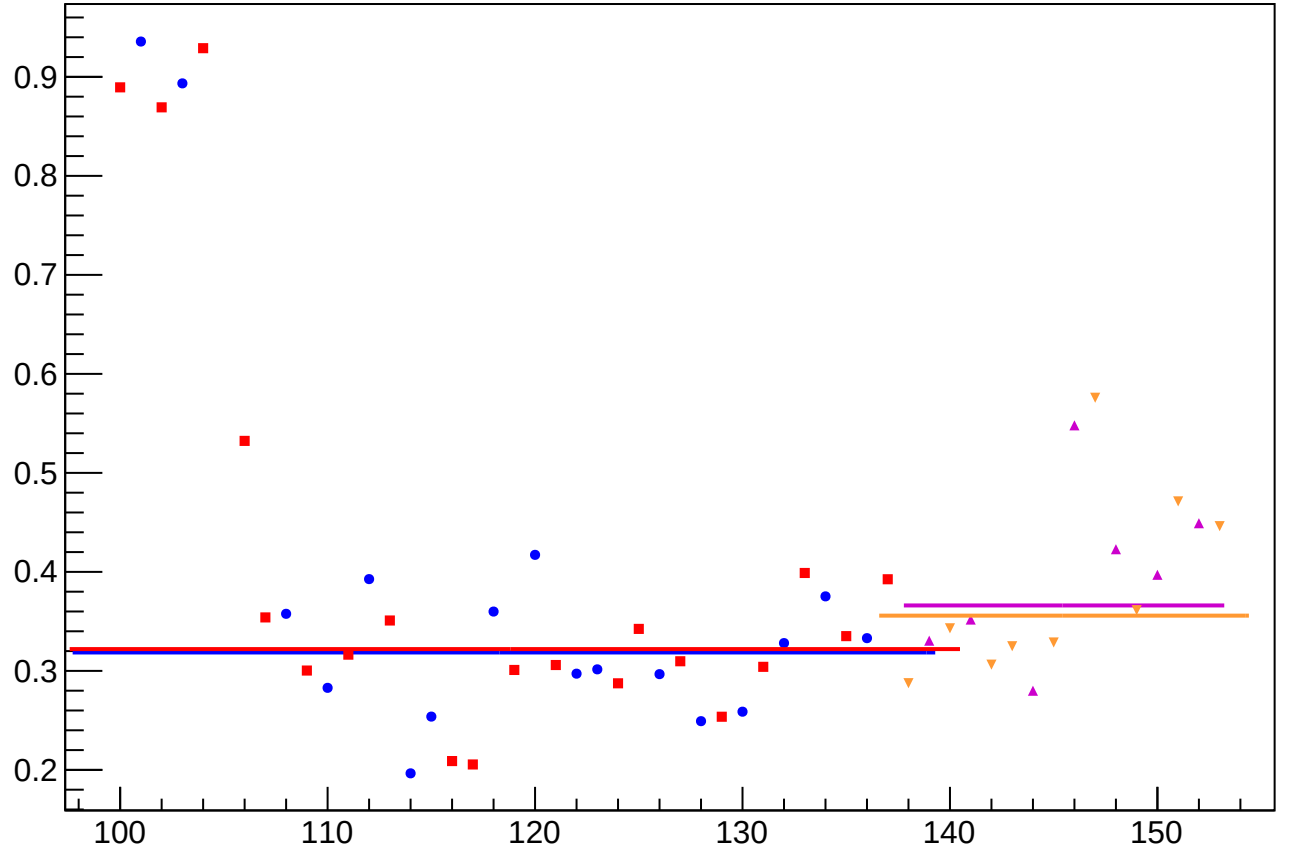
Right Out: 144.342+/-0.000 χ^2/NDF: 4551365931.0/19

Left In: 148.939+/-0.000 χ^2/NDF:18085229.2/6

146.247+/-0.000 χ^2/NDF: 4253082139.8/25

146.222+/-0.000 χ^2/NDF: 5059514479.8/26

yield_bcm_an_ds3_rms vs Slug



Right In: 0.319+/-0.000 χ^2/NDF: 1280748.9/16

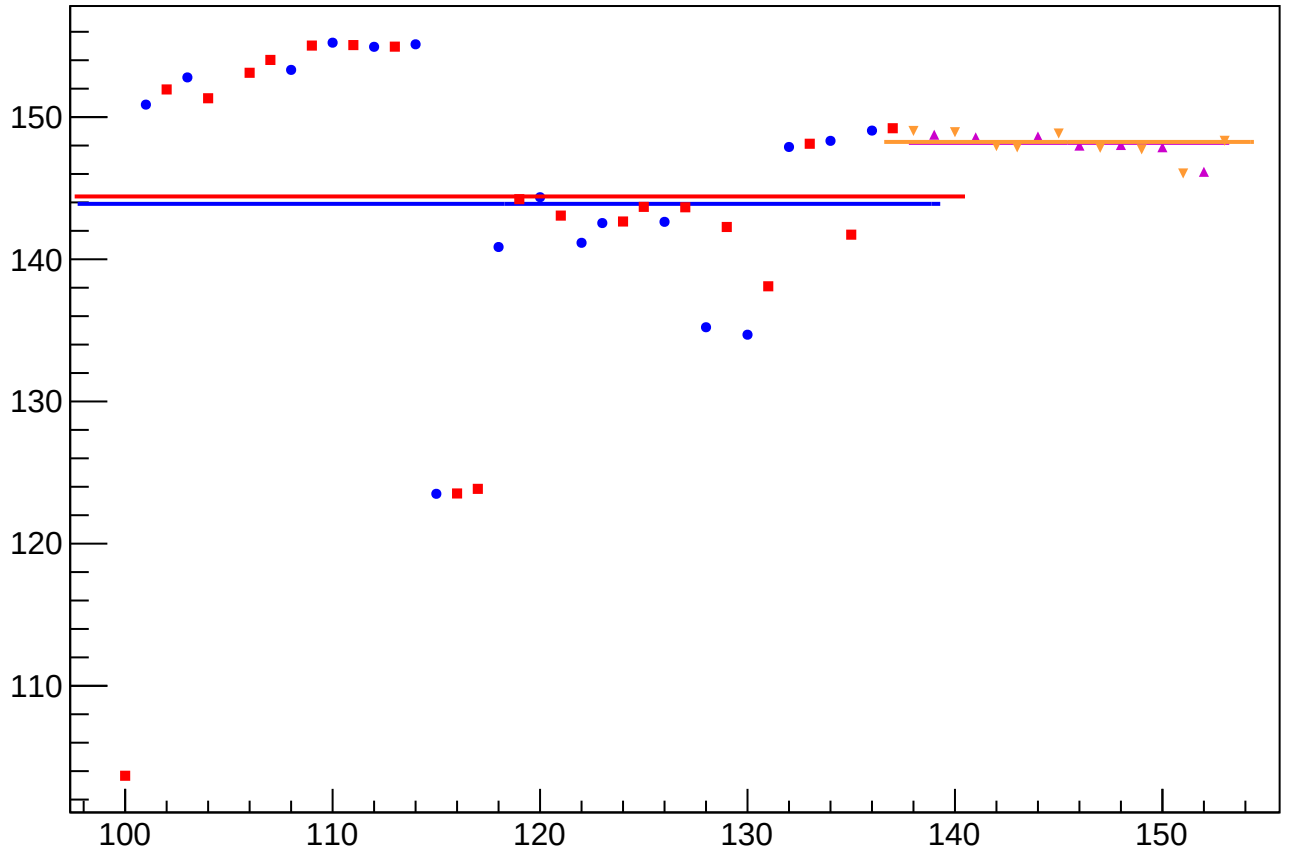
Left Out: 0.356+/-0.000 χ^2/NDF:492211.3/8

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

Left In: 0.366+/-0.000 χ^2/NDF:441458.1/6

0.336+/-0.000 χ^2/NDF: 1843644.9/25

0.340+/-0.000 χ^2/NDF: 1774680.4/26



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

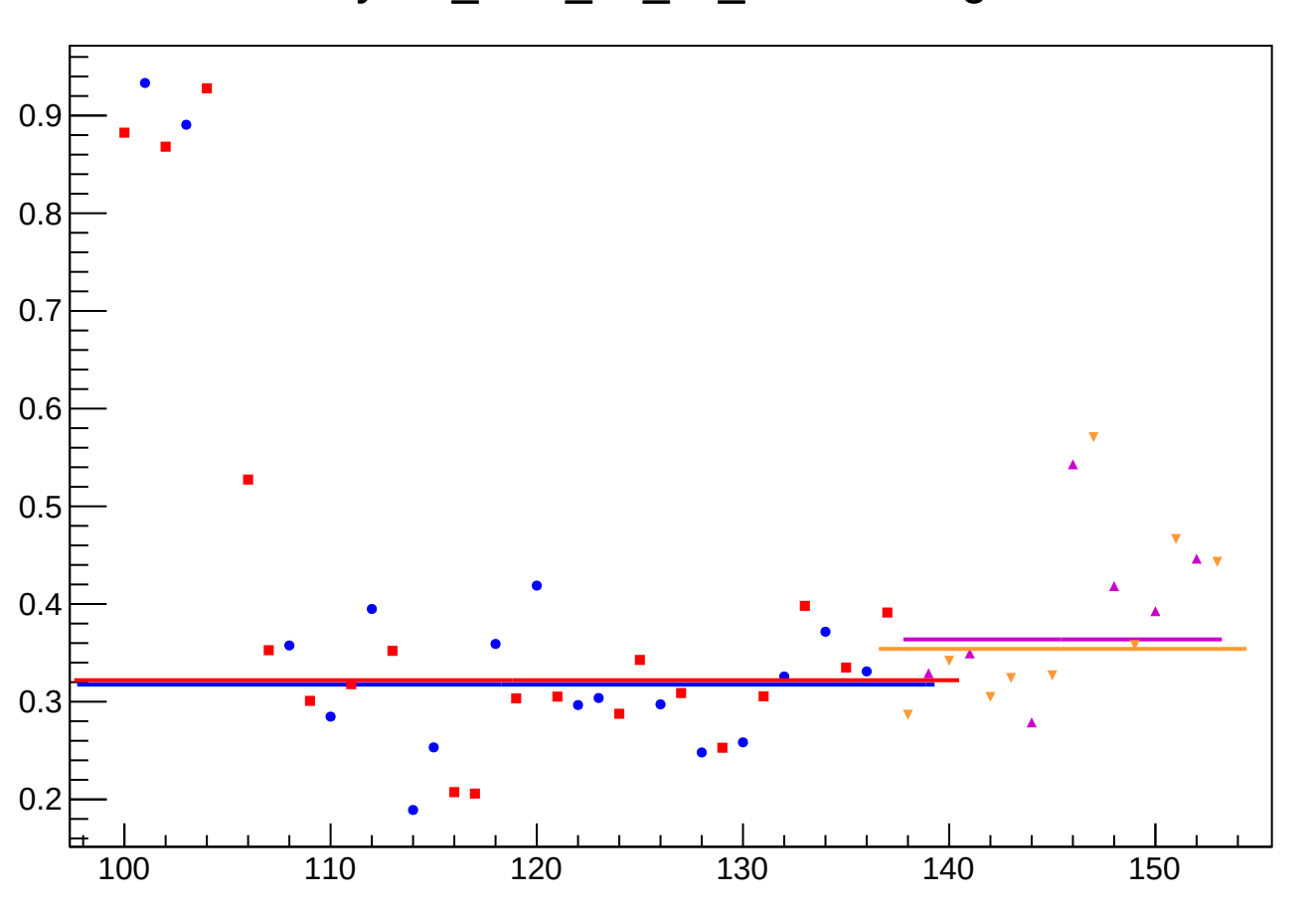
Left Out: 148.254+/-0.000 χ^2/NDF:30778700.1/8

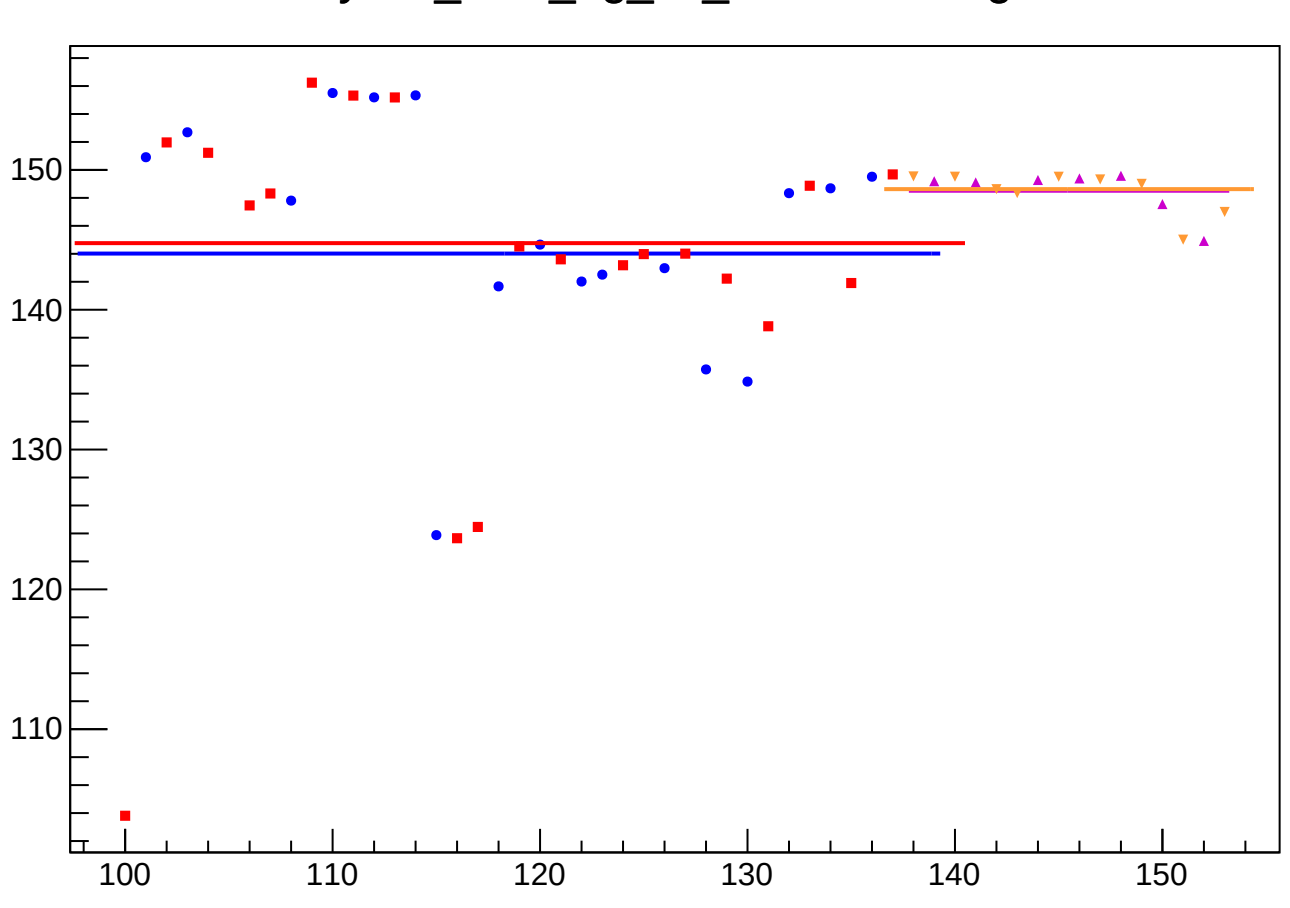
Right Out: 144.419+/-0.000 χ^2/NDF: 4820290476.6/19

Left In: 148.188+/-0.000 χ^2/NDF:22070501.7/6

145.925+/-0.000 χ^2/NDF: 4269090873.2/25

145.972+/-0.000 χ^2/NDF: 5174622120.7/26


yield_bcm_an_us_rms vs Slug
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
100
110
120
130
140
150
Right In: 0.317+/-0.000 χ²/NDF: 1293179.2/16
Left Out: 0.354+/-0.000 χ²/NDF:483226.2/8
Right Out: 0.322+/-0.000 χ²/NDF: 1243703.4/19
Left In: 0.364+/-0.000 χ²/NDF:433280.6/6
0.334+/-0.000 χ²/NDF: 1845157.9/25
0.339+/-0.000 χ²/NDF: 1758586.3/26



Right In: 144.018+/-0.000 χ^2/NDF: 3238525527.6/16

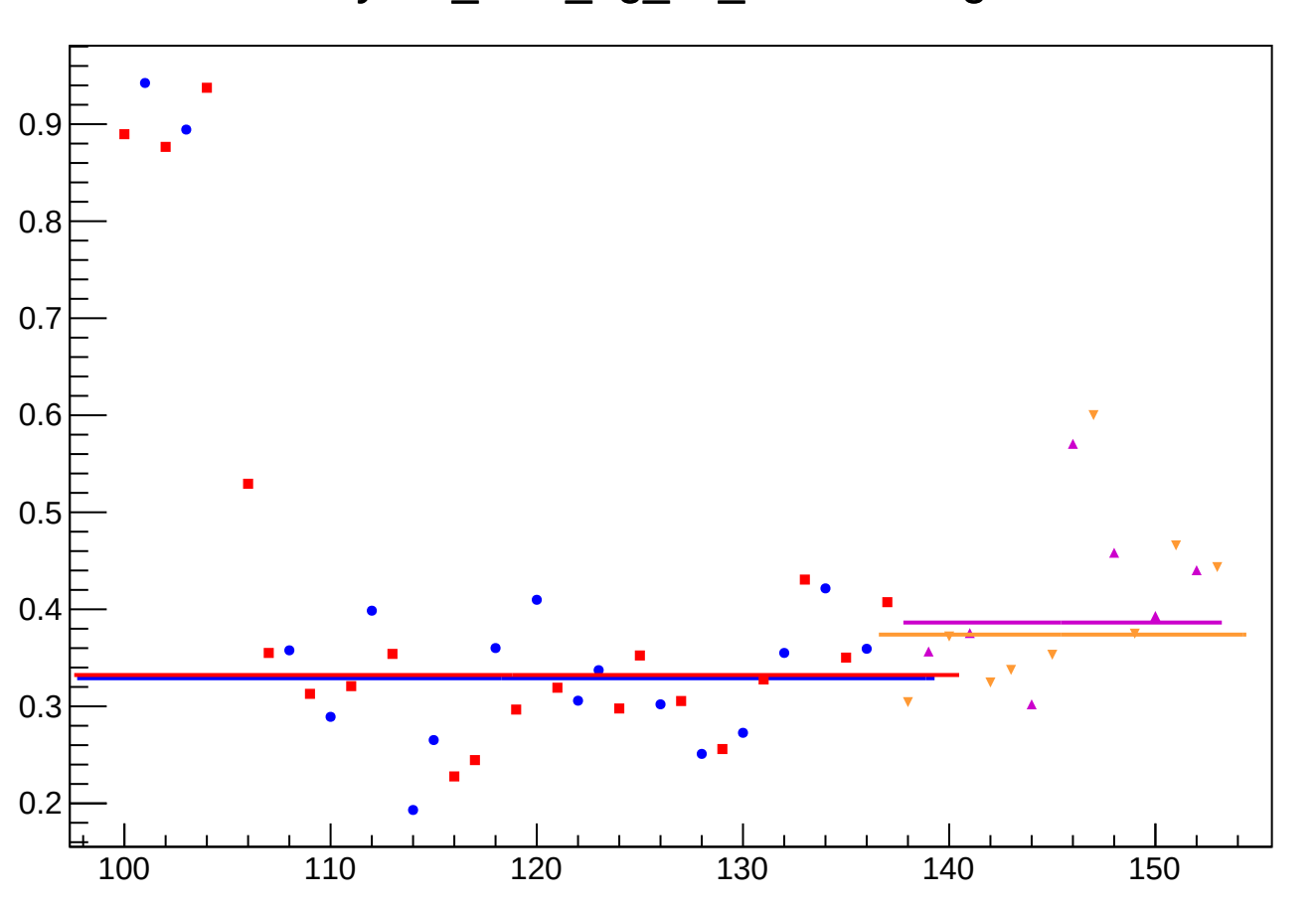
Left Out: 148.627+/-0.000 χ^2/NDF:72345171.0/8

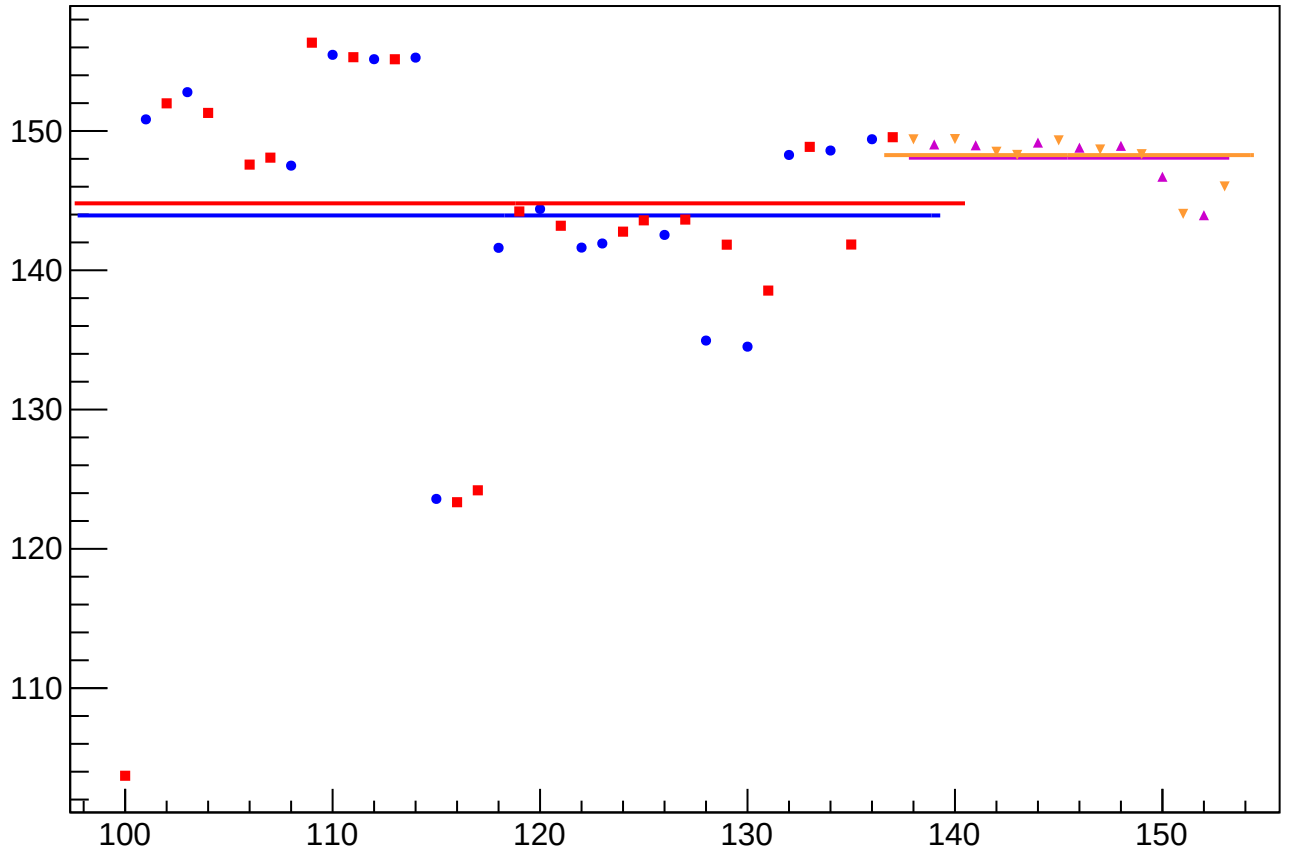
Right Out: 144.764+/-0.000 χ^2/NDF: 4098462011.9/19

Left In: 148.511+/-0.000 χ^2/NDF:72504626.6/6

146.119+/-0.000 χ^2/NDF: 3808640082.1/25

146.258+/-0.000 χ^2/NDF: 4469602692.0/26


yield_bcm_dg_us_rms vs Slug
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
100
110
120
130
140
150
Right In: 0.329+/-0.000 χ²/NDF: 1276118.3/16
Left Out: 0.374+/-0.000 χ²/NDF:414919.7/8
Right Out: 0.332+/-0.000 χ²/NDF: 1191637.2/19
Left In: 0.386+/-0.000 χ²/NDF:364161.1/6
0.349+/-0.000 χ²/NDF: 1785934.8/25
0.354+/-0.000 χ²/NDF: 1680165.2/26



Right In: 143.937+/-0.000 χ^2/NDF: 3379203532.9/16

Left Out: 148.269+/-0.000 χ^2/NDF:104552102.1/8

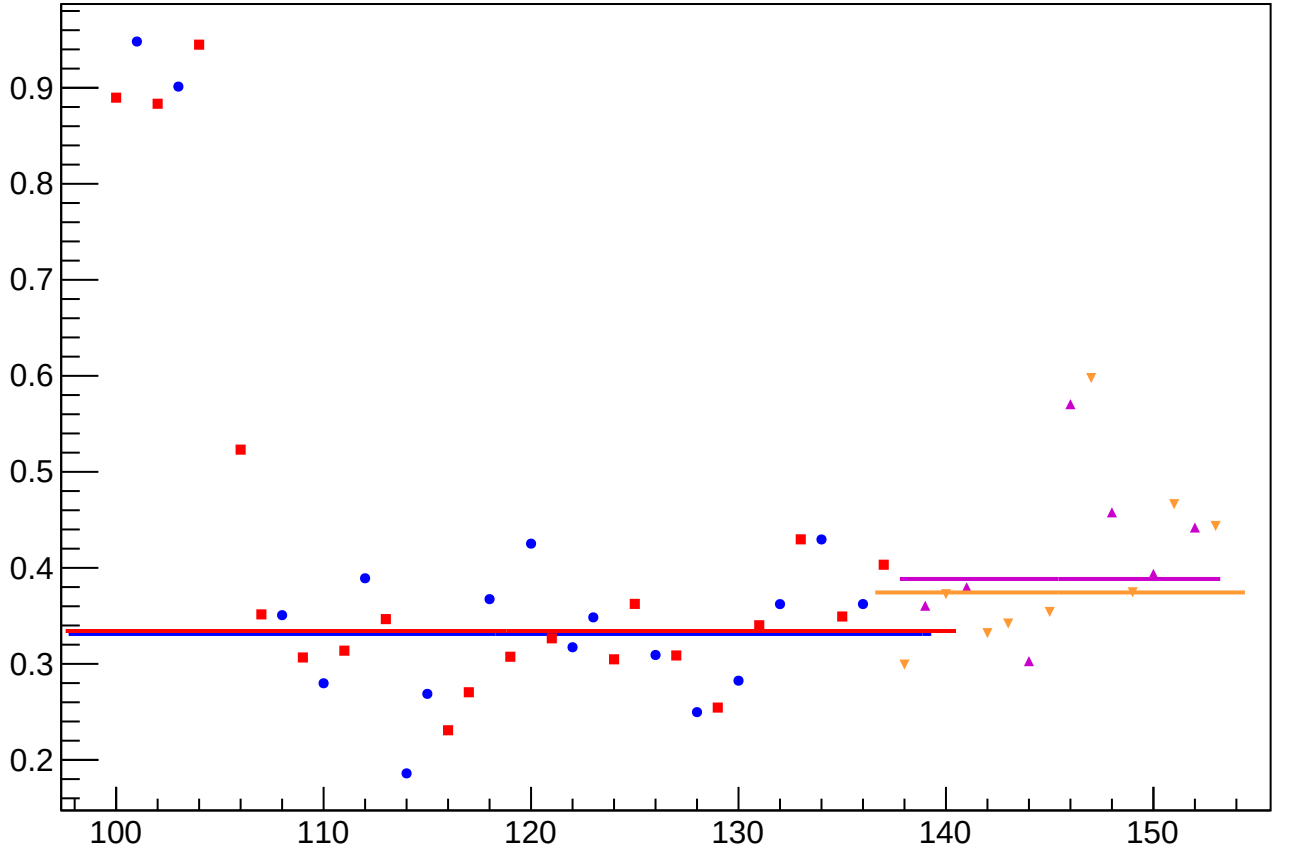
Right Out: 144.806+/-0.000 χ^2/NDF: 4139087143.3/19

Left In: 148.084+/-0.000 χ^2/NDF:101481341.9/6

145.925+/-0.000 χ^2/NDF: 3918867842.9/25

146.113+/-0.000 χ^2/NDF: 4466027829.0/26

yield_bcm_dg_ds_rms vs Slug



Right In: 0.331+/-0.000 χ^2/NDF: 1295749.0/16

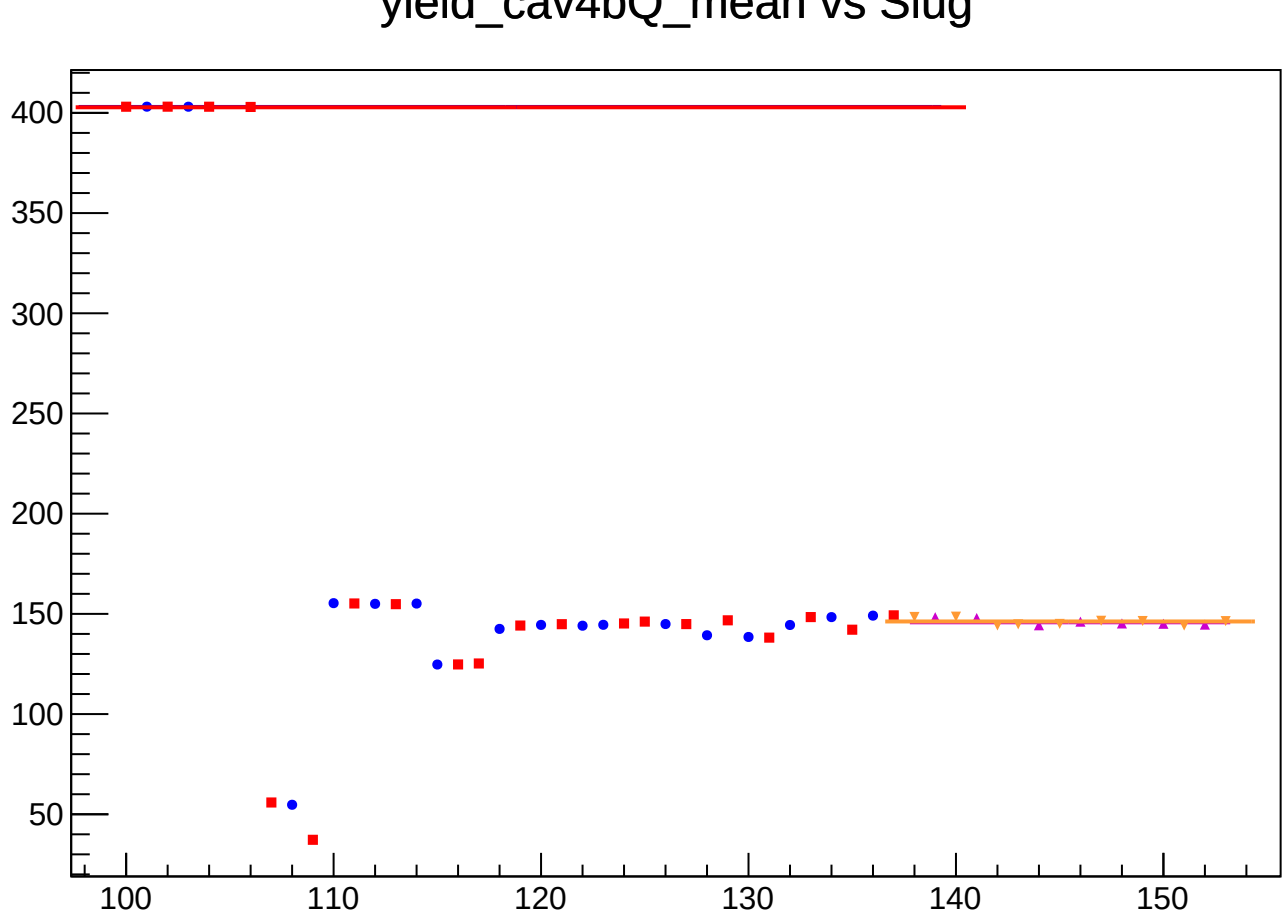
Left Out: 0.374+/-0.000 χ^2/NDF:415533.3/8

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

Left In: 0.388+/-0.000 χ^2/NDF:357001.0/6

0.351+/-0.000 χ^2/NDF: 1797886.9/25

0.356+/-0.000 χ^2/NDF: 1656427.1/26



Right In: 402.957+/-0.000 χ^2/NDF: 1096710296821.6/16

Left Out: 146.215+/-0.000 χ^2/NDF:30391557.4/8

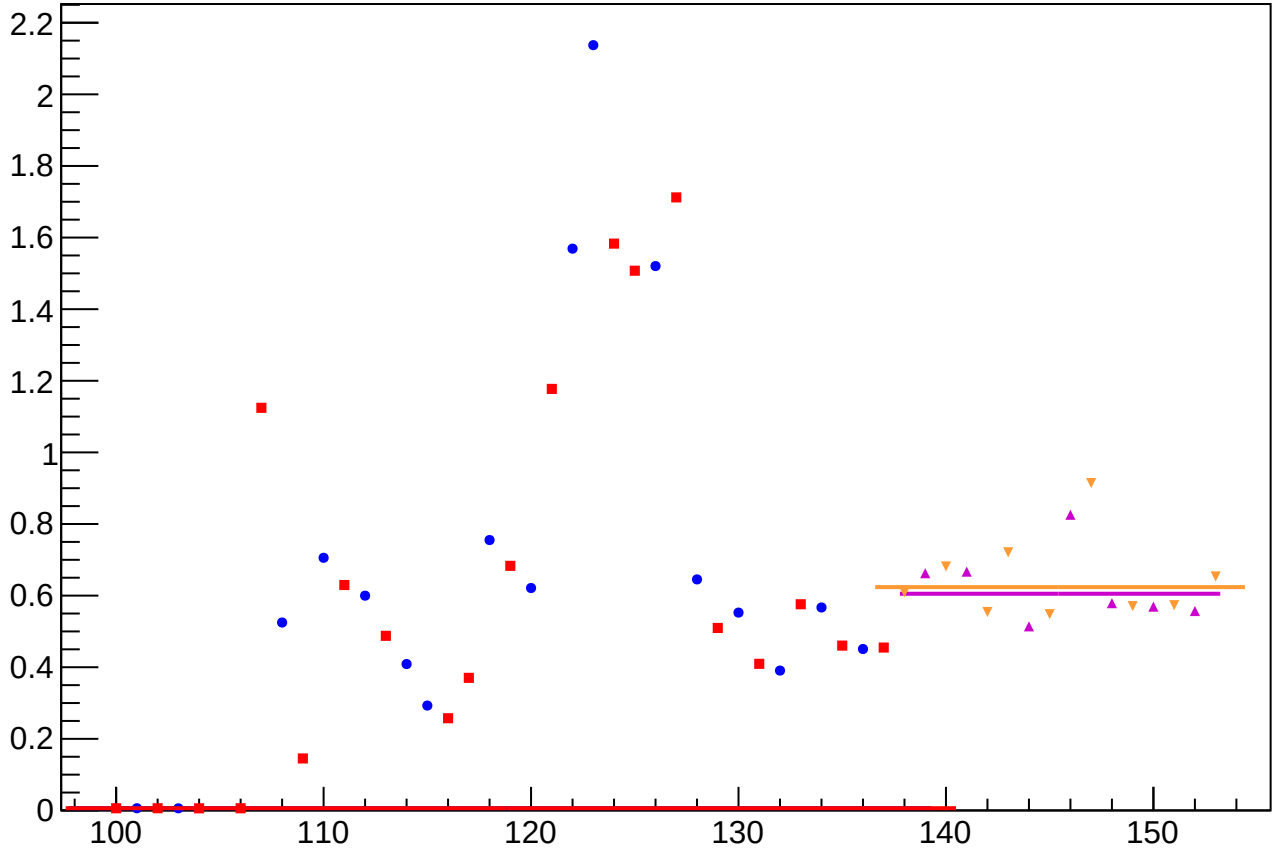
Right Out: 402.797+/-0.000 χ^2/NDF: 3122752044607.2/19

Left In: 145.795+/-0.000 χ^2/NDF:23296932.8/6

402.866+/-0.000 χ^2/NDF: 1824484792771.4/25

402.721+/-0.000 χ^2/NDF: 3808194417694.9/26

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 9161050.1/16

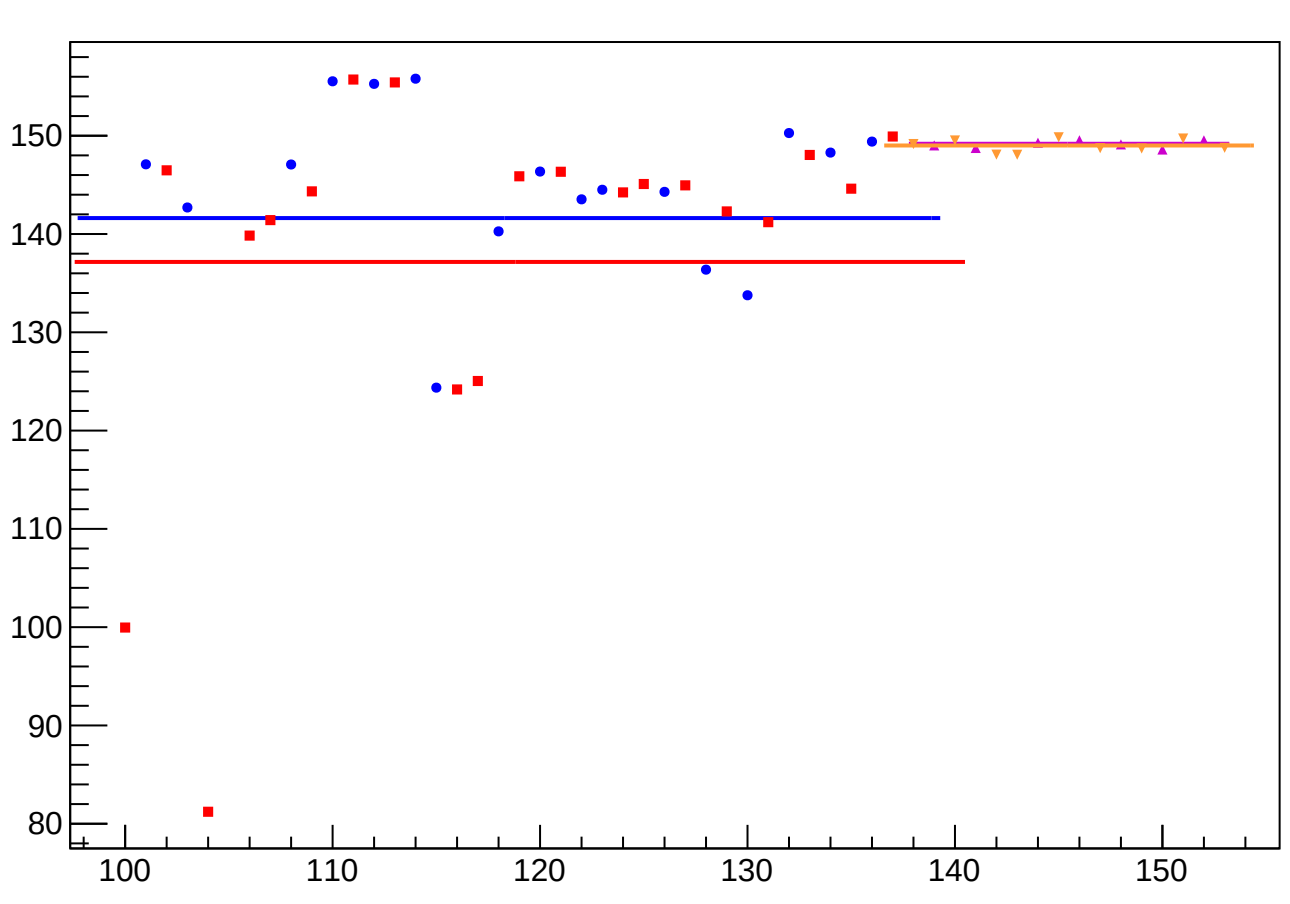
Left Out: 0.624+/-0.000 χ^2/NDF:169783.7/8

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

Left In: 0.605+/-0.000 χ^2/NDF:142182.6/6

0.007+/-0.000 χ^2/NDF: 17748774.4/25

0.007+/-0.000 χ^2/NDF: 16863600.0/26



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

Left Out: 149.007+/-0.000 χ^2/NDF:8387574.7/8

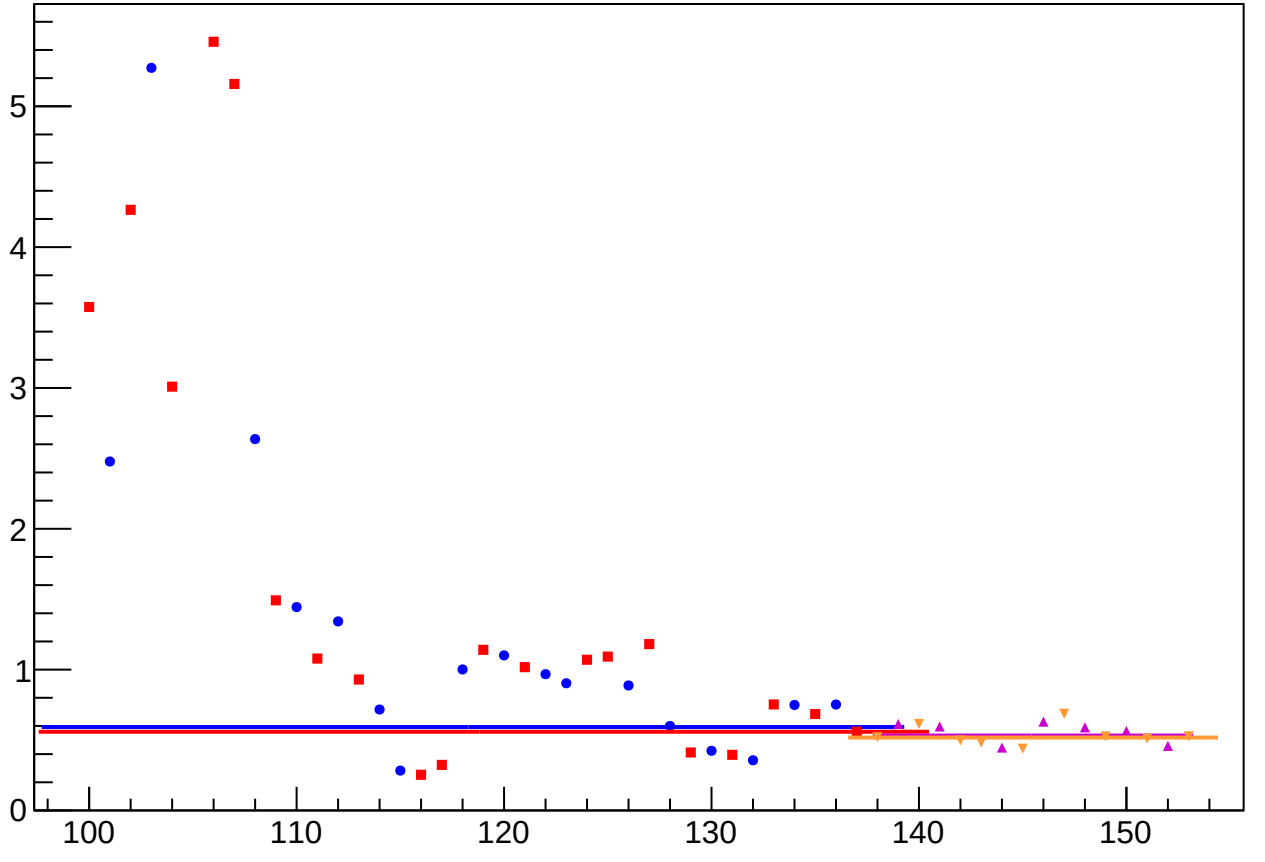
Right Out: 137.160+/-0.000 χ^2/NDF: 1365742338.8/19

Left In: 149.182+/-0.000 χ^2/NDF:1934116.1/6

146.533+/-0.000 χ^2/NDF: 1357416629.4/25

144.391+/-0.000 χ^2/NDF: 2319701780.5/26

yield_cav4cQ_rms vs Slug



Right In: 0.592+/-0.000 χ^2/NDF: 3521577.2/16

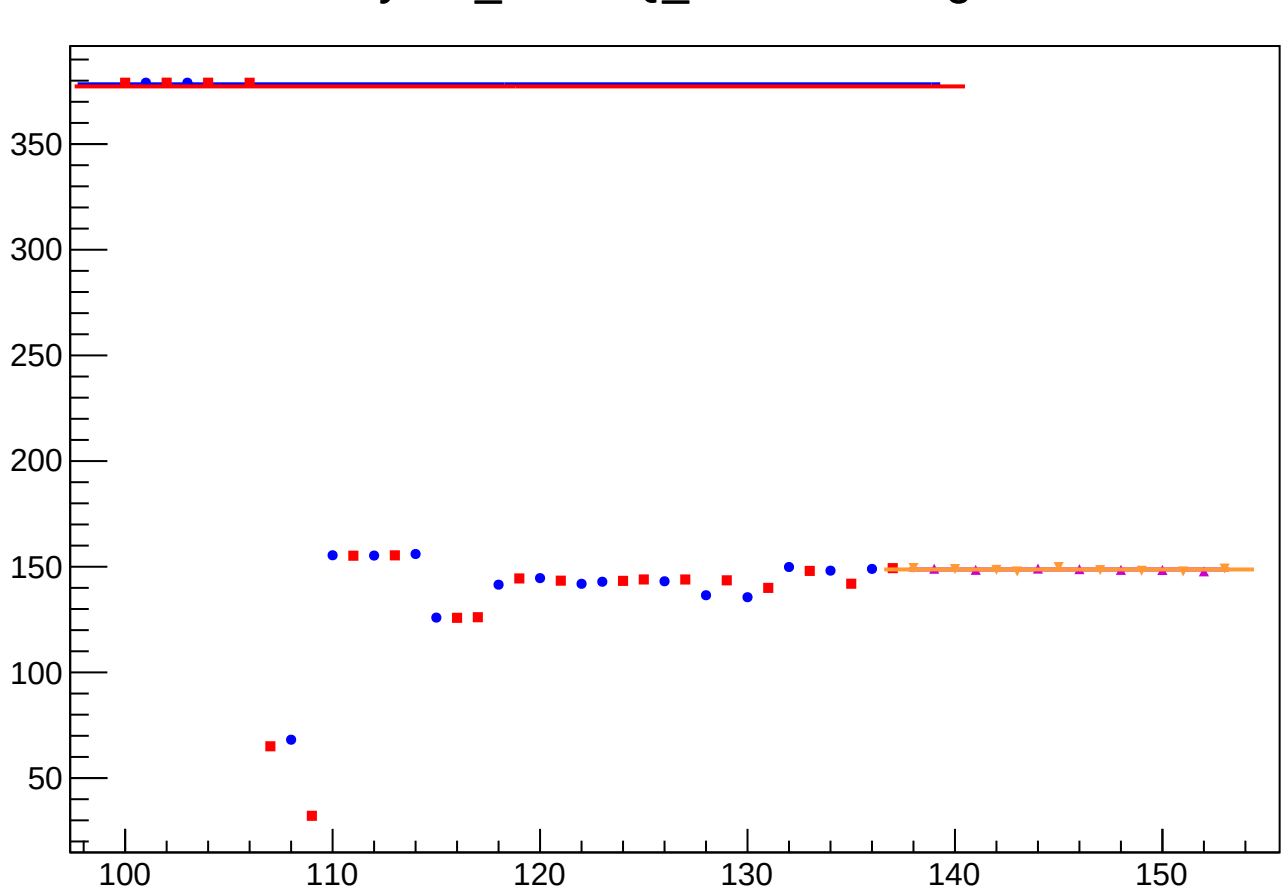
Left Out: 0.518+/-0.000 χ^2/NDF:163409.1/8

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

Left In: 0.532+/-0.000 χ^2/NDF:178079.6/6

0.543+/-0.000 χ^2/NDF: 3759924.3/25

0.543+/-0.000 χ^2/NDF: 4907544.6/26



Right In: 378.281+/-0.000 χ^2/NDF: 2512261599188.1/16

Left Out: 148.719+/-0.000 χ^2/NDF:19525047.0/8

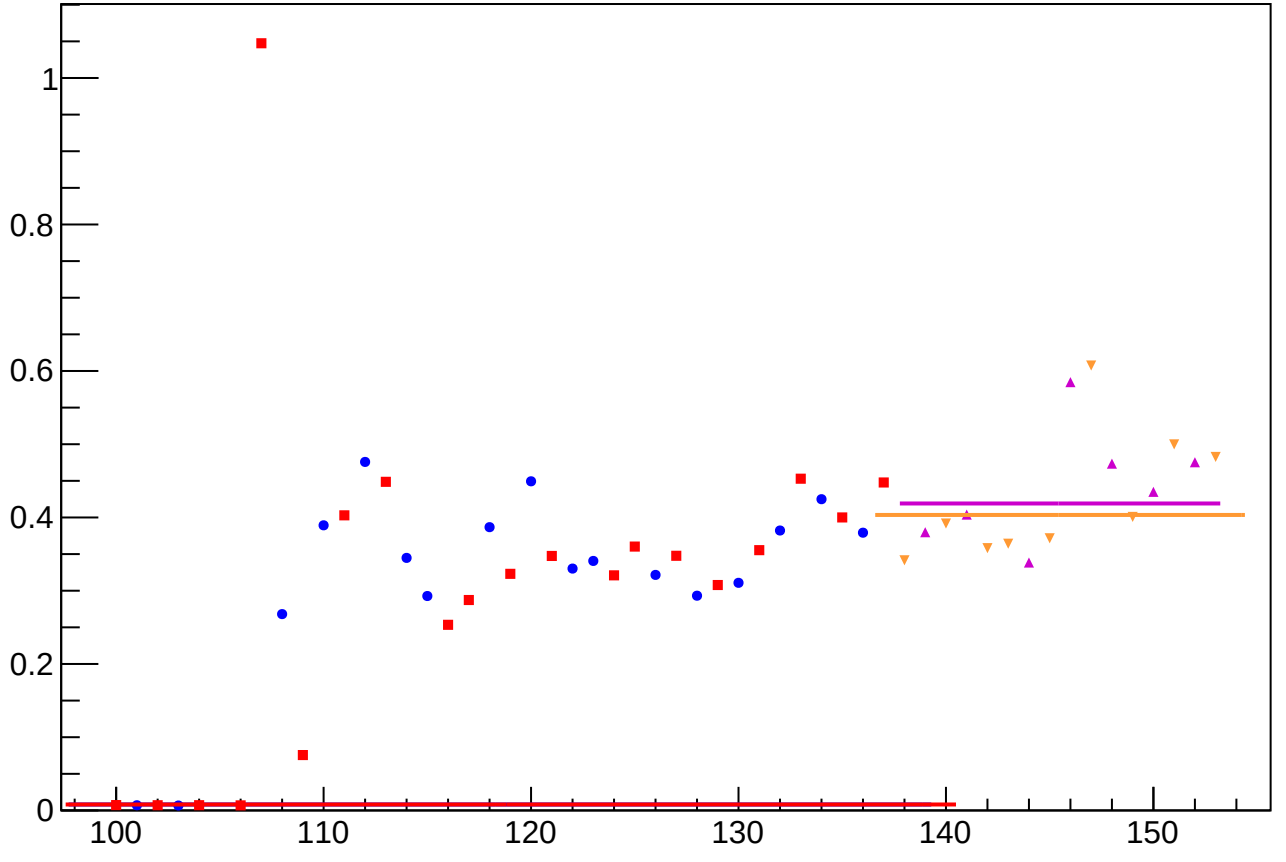
Right Out: 377.282+/-0.000 χ^2/NDF: 8306405788315.4/19

Left In: 148.700+/-0.000 χ^2/NDF:5181767.9/6

377.633+/-0.000 χ^2/NDF: 4494294358952.8/25

376.822+/-0.000 χ^2/NDF: 9902269297026.1/26

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 9885759.8/16

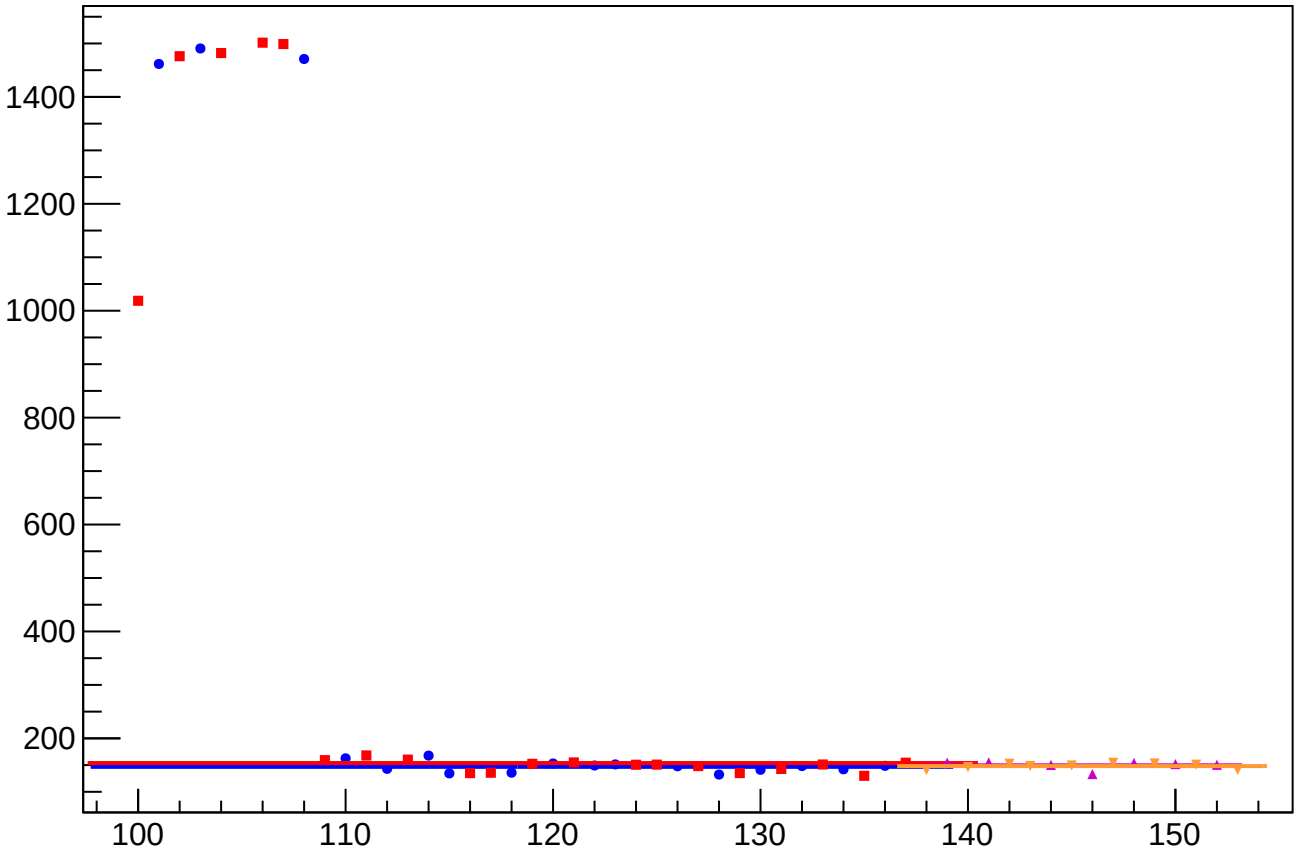
Left Out: 0.403+/-0.000 χ^2/NDF:350468.4/8

Right Out: 0.008+/-0.000 χ^2/NDF: 9601959.4/19

Left In: 0.419+/-0.000 χ^2/NDF:284472.5/6

0.009+/-0.000 χ^2/NDF: 21991316.4/25

0.009+/-0.000 χ^2/NDF: 20202517.3/26



Right In: 146.723+/-0.000 χ^2/NDF: 24350870553.3/16

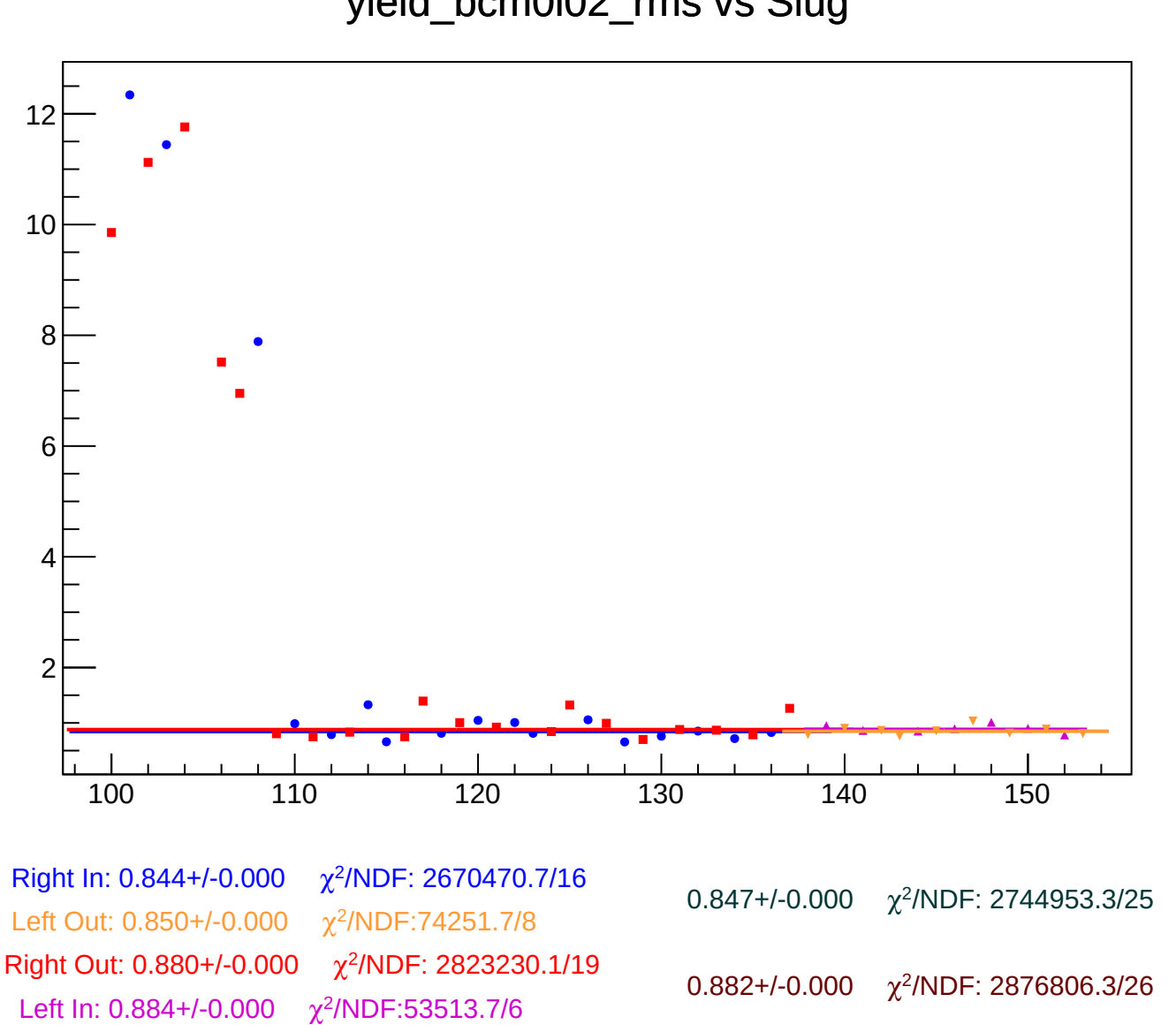
Left Out: 148.123+/-0.000 χ^2/NDF:157343802.9/8

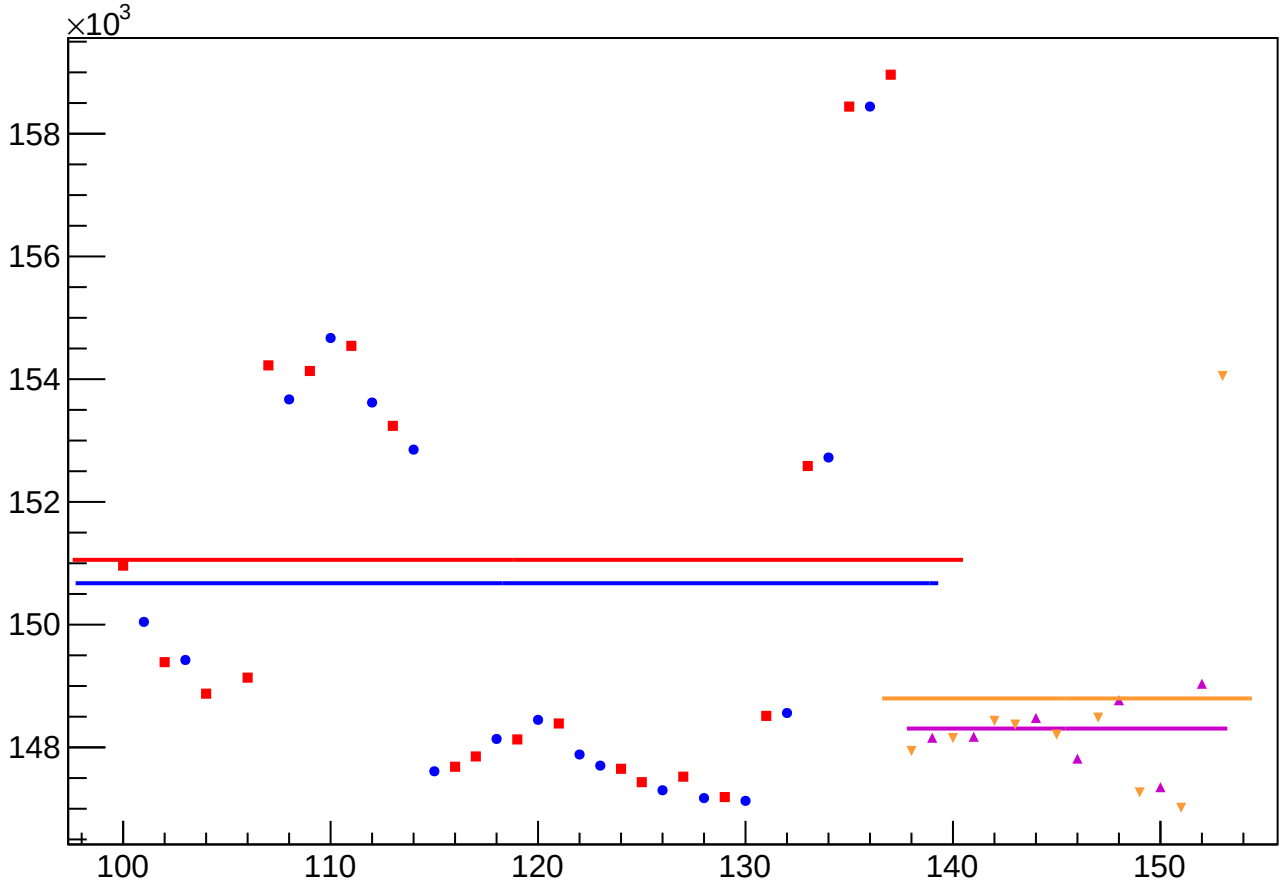
Right Out: 153.818+/-0.000 χ^2/NDF: 33744777744.4/19

Left In: 149.565+/-0.000 χ^2/NDF:290242987.7/6

147.513+/-0.000 χ^2/NDF: 24514138382.1/25

151.595+/-0.000 χ^2/NDF: 34085234475.1/26


yield_bcm0l02_rms vs Slug
12
10
8
6
4
2
100
110
120
130
140
150
Right In: 0.844+/-0.000 χ²/NDF: 2670470.7/16
Left Out: 0.850+/-0.000 χ²/NDF:74251.7/8
Right Out: 0.880+/-0.000 χ²/NDF: 2823230.1/19
Left In: 0.884+/-0.000 χ²/NDF:53513.7/6
0.847+/-0.000 χ²/NDF: 2744953.3/25
0.882+/-0.000 χ²/NDF: 2876806.3/26



Right In: 150675.025+/-0.063 χ^2/NDF: 3309974859.4/16

Left Out: 148797.582+/-0.073 χ^2/NDF:884765906.4/8

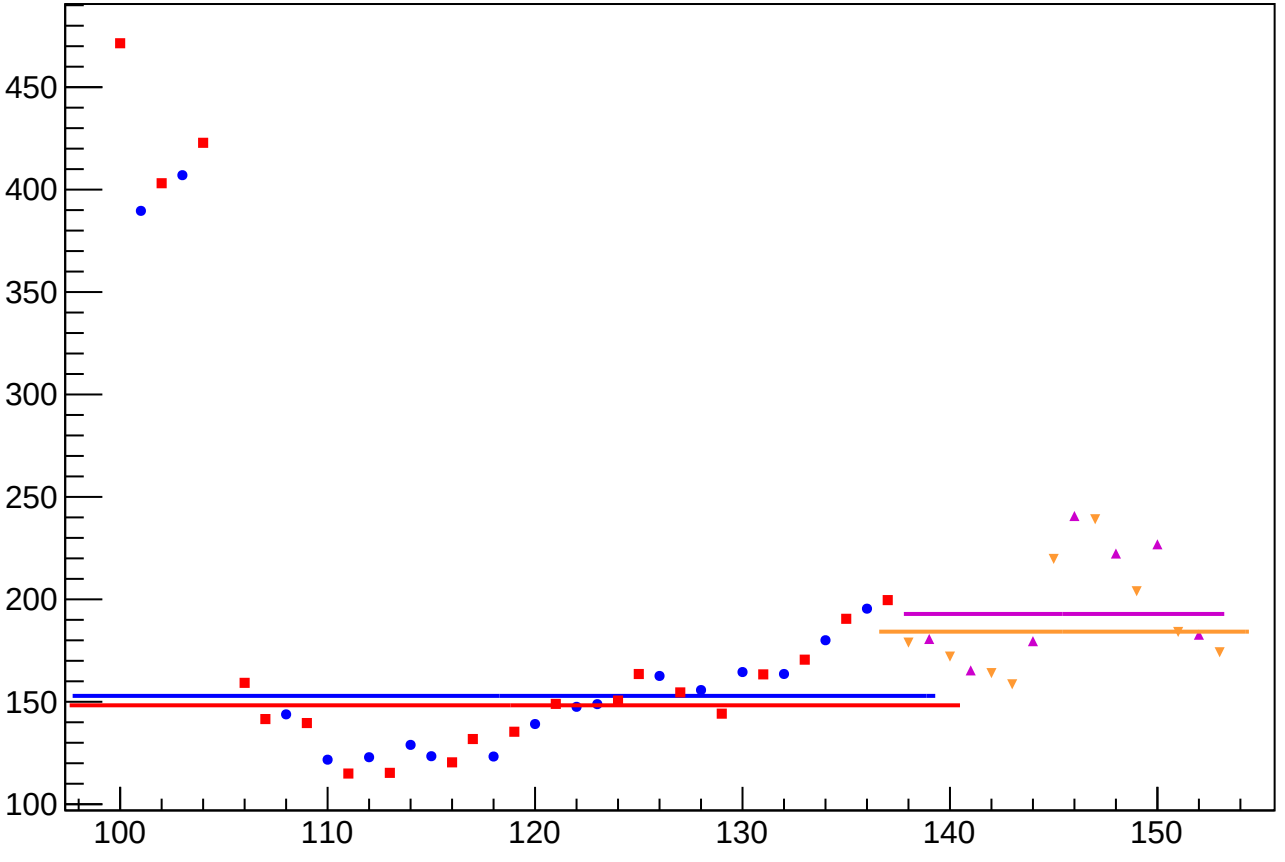
Right Out: 151056.044+/-0.059 χ^2/NDF: 3325519080.9/19

Left In: 148306.802+/-0.082 χ^2/NDF:36675854.9/6

149872.269+/-0.048 χ^2/NDF: 4574930737.1/25

150110.555+/-0.048 χ^2/NDF: 4097918542.8/26

yield_bpm0i01WS_rms vs Slug



Right In: 152.883+/-0.045 χ^2/NDF: 1154088.7/16

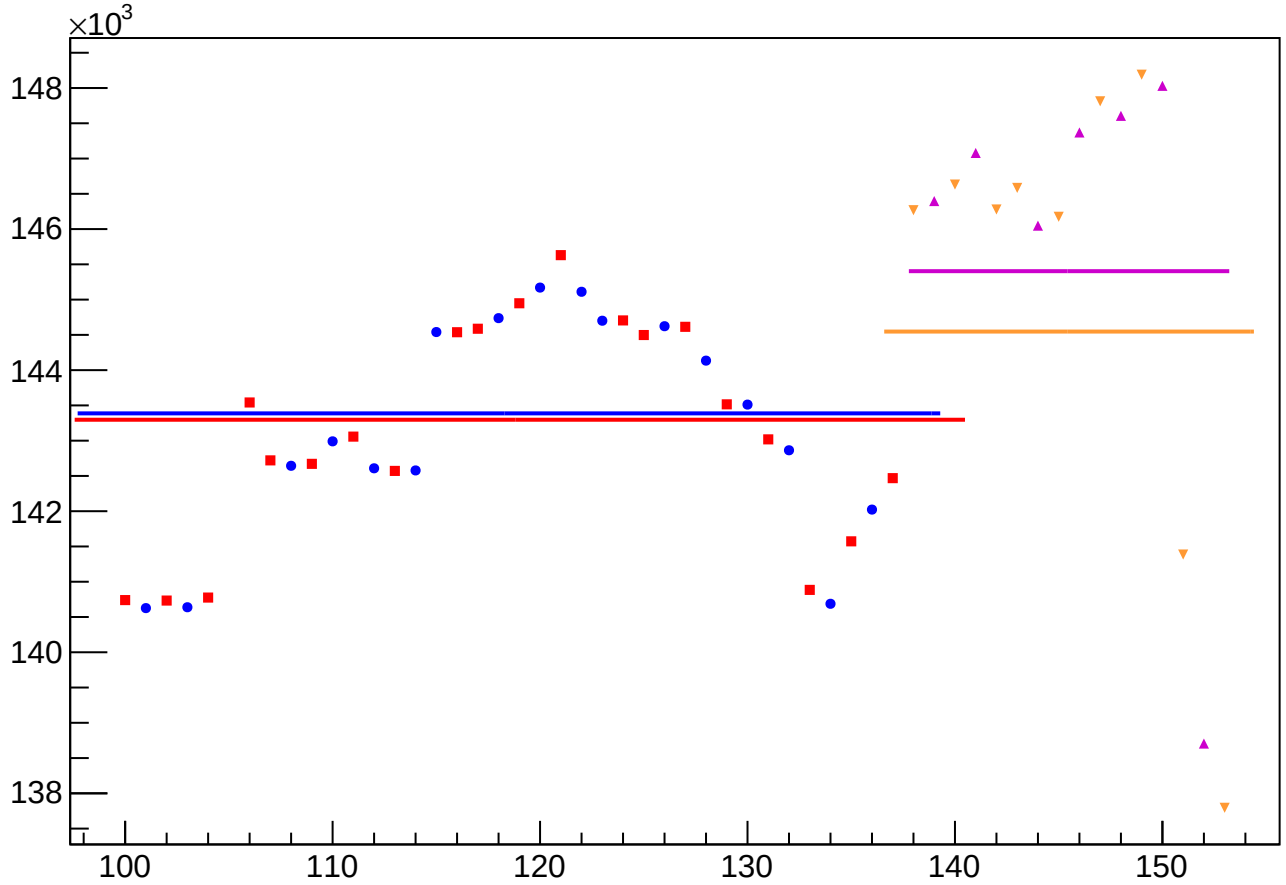
Left Out: 184.234+/-0.052 χ^2/NDF:198435.0/8

Right Out: 148.278+/-0.042 χ^2/NDF: 1192879.8/19

Left In: 192.875+/-0.058 χ^2/NDF:195705.8/6

166.288+/-0.034 χ^2/NDF: 1564552.9/25

163.615+/-0.034 χ^2/NDF: 1775771.2/26



Right In: 143387.099+/-0.053 χ^2/NDF: 521299875.7/16

Left Out: 144546.969+/-0.071 χ^2/NDF:2545641314.2/8

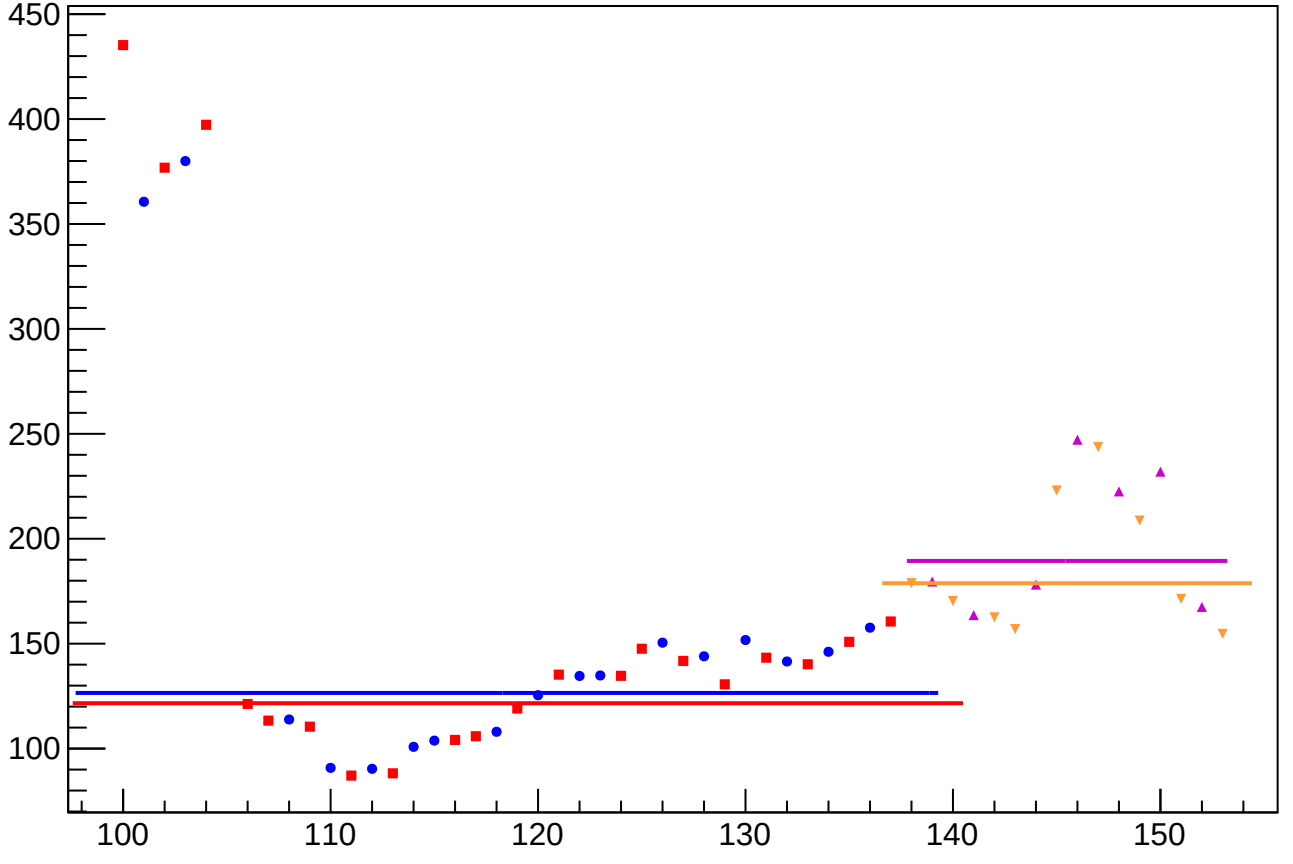
Right Out: 143296.790+/-0.049 χ^2/NDF: 615134284.0/19

Left In: 145403.186+/-0.081 χ^2/NDF:1646883162.7/6

143798.984+/-0.042 χ^2/NDF: 3238799392.7/25

143858.953+/-0.042 χ^2/NDF: 2757762407.0/26

yield_bpm0i01aWS_rms vs Slug



Right In: 126.514+/-0.037 χ^2/NDF: 1441685.0/16

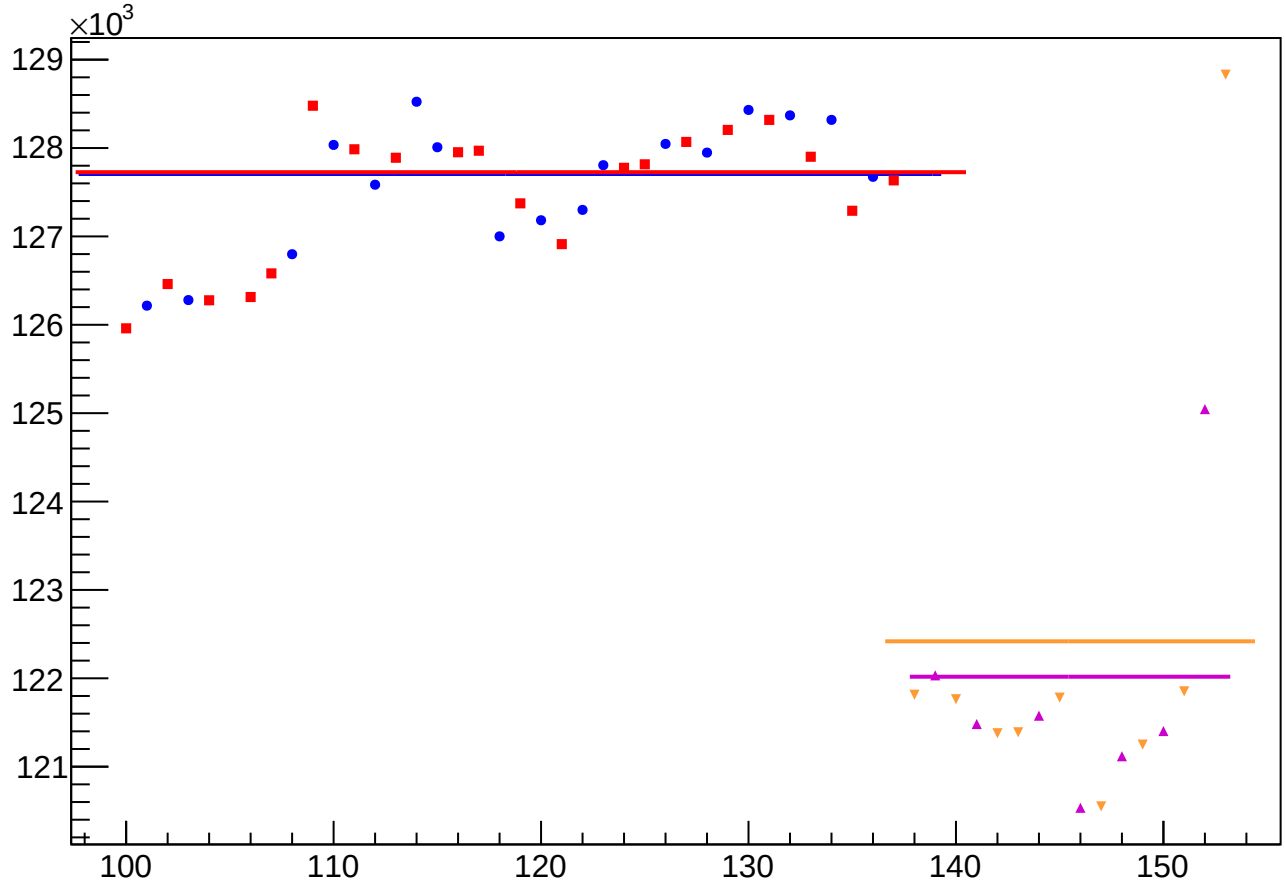
Left Out: 178.800+/-0.050 χ^2/NDF:281470.1/8

Right Out: 121.625+/-0.035 χ^2/NDF: 1465763.8/19

Left In: 189.428+/-0.057 χ^2/NDF:258327.7/6

145.081+/-0.030 χ^2/NDF: 2421633.7/25

139.721+/-0.030 χ^2/NDF: 2751390.4/26



Right In: 127706.194+/-0.058 χ^2/NDF: 97860521.1/16

Left Out: 122418.482+/-0.065 χ^2/NDF:1365909907.0/8

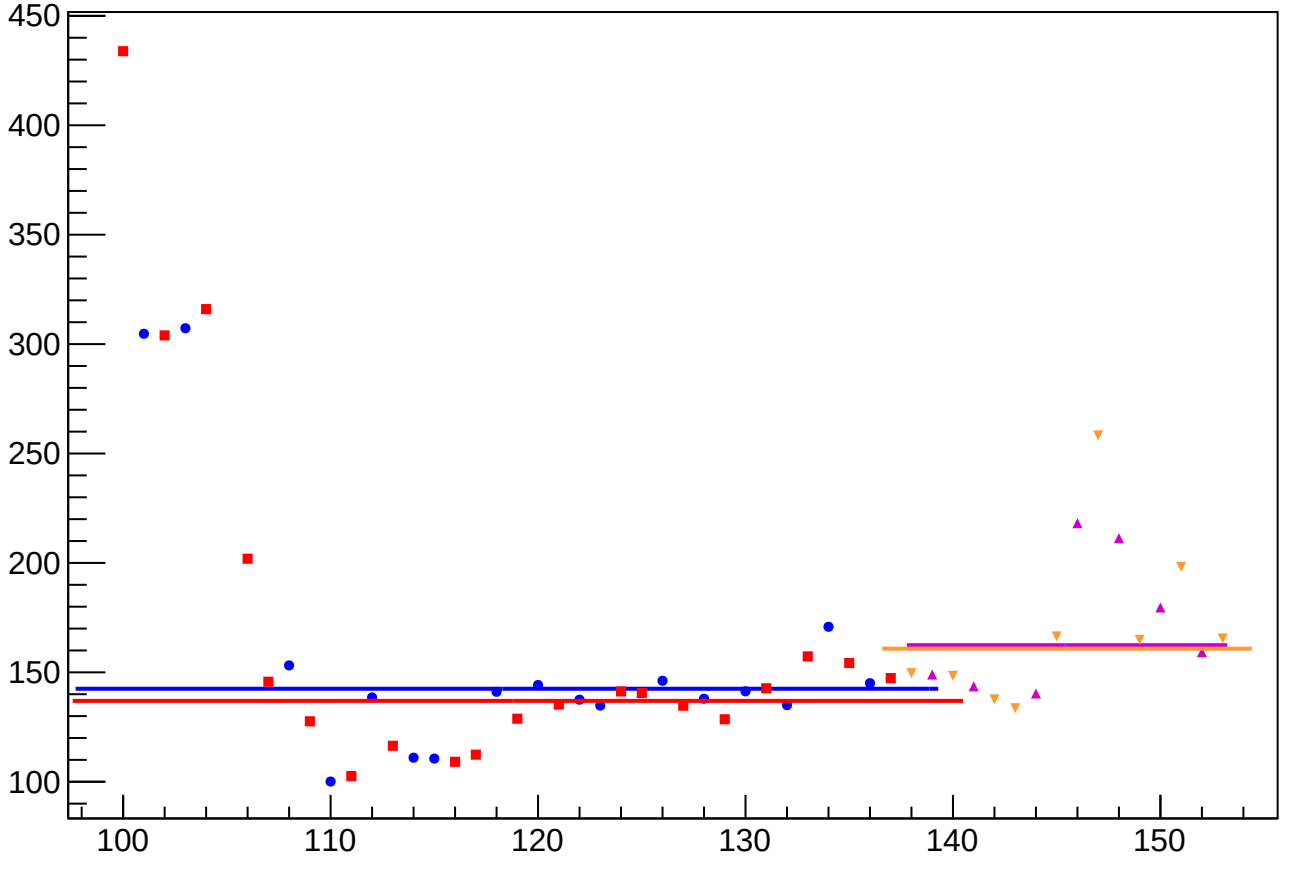
Right Out: 127726.708+/-0.054 χ^2/NDF: 112816704.3/19

Left In: 122017.994+/-0.070 χ^2/NDF:368942402.5/6

125348.966+/-0.043 χ^2/NDF: 5161423473.5/25

125583.600+/-0.043 χ^2/NDF: 4638226846.1/26

yield_bpm0l01WS_rms vs Slug



Right In: 142.502+/-0.041 χ^2/NDF: 836263.7/16

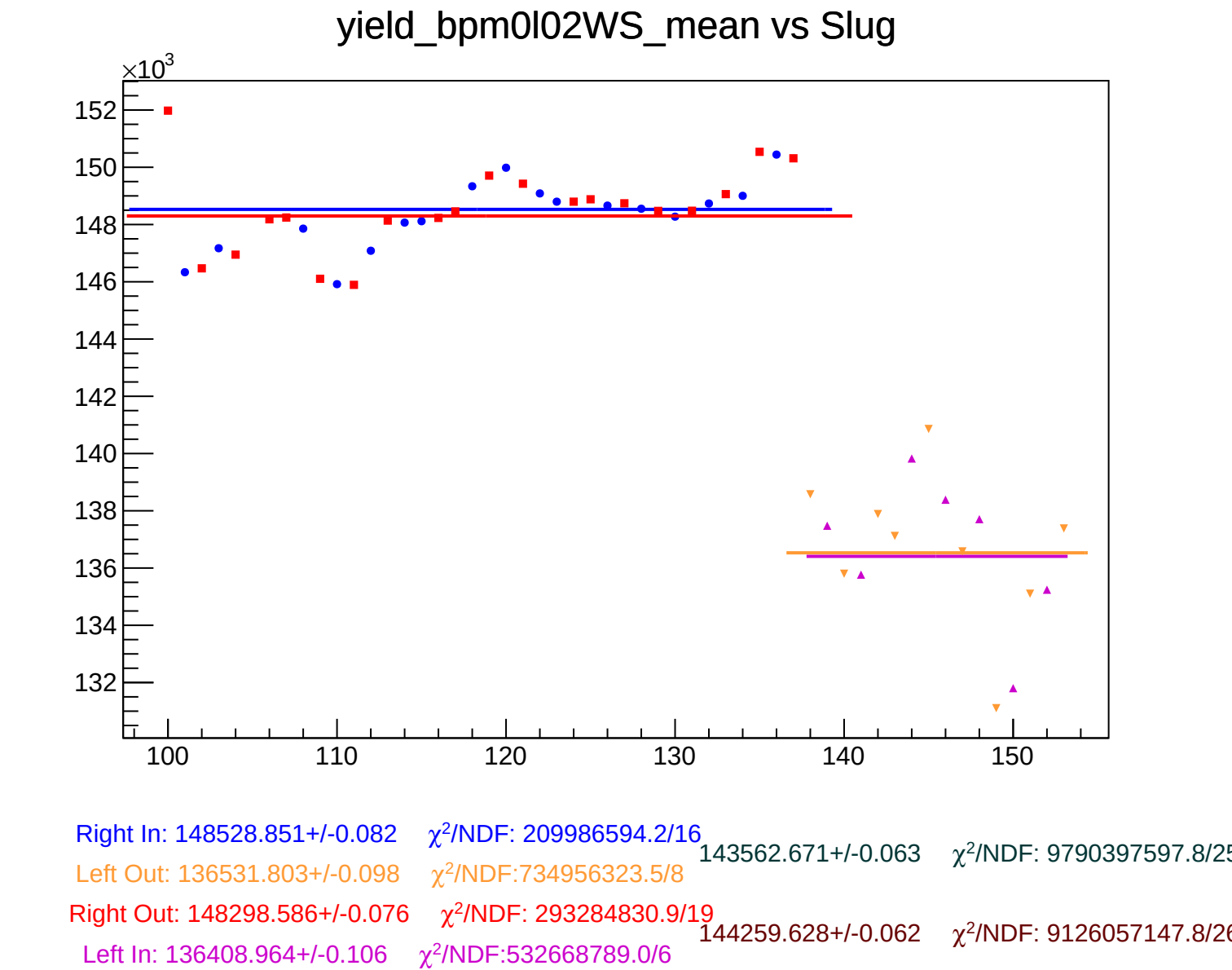
Left Out: 160.810+/-0.046 χ^2/NDF:373493.9/8

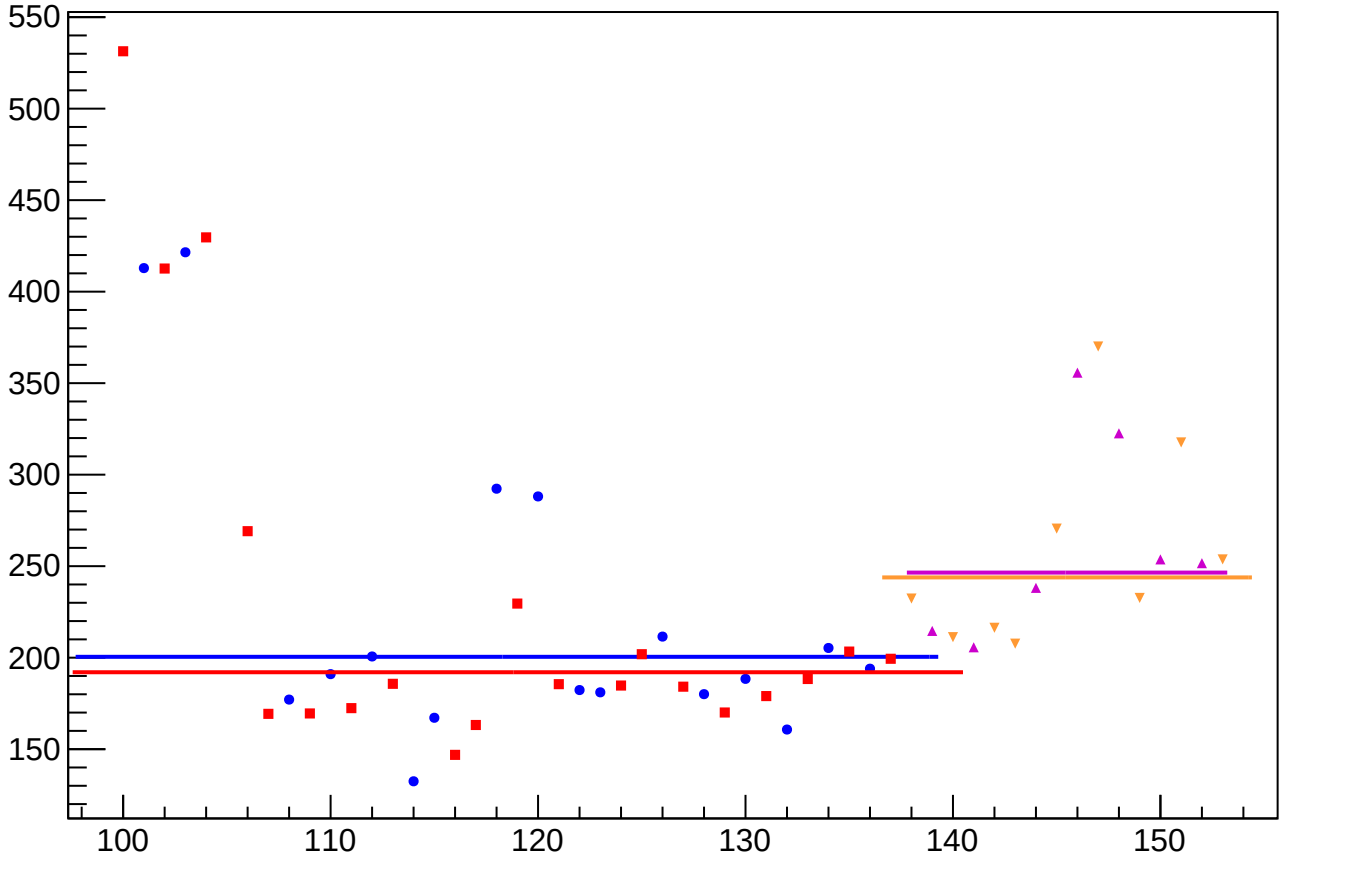
Right Out: 136.963+/-0.038 χ^2/NDF: 961465.0/19

Left In: 162.414+/-0.049 χ^2/NDF:281069.4/6

150.663+/-0.031 χ^2/NDF: 1298412.3/25

146.518+/-0.030 χ^2/NDF: 1407764.4/26


yield_bpm0l02WS_mean vs Slug
×10^3
152
150
148
146
144
142
140
138
136
134
132
100
110
120
130
140
150
Right In: 148528.851+/-0.082 χ²/NDF: 209986594.2/16
Left Out: 136531.803+/-0.098 χ²/NDF:734956323.5/8
Right Out: 148298.586+/-0.076 χ²/NDF: 293284830.9/19
Left In: 136408.964+/-0.106 χ²/NDF:532668789.0/6
143562.671+/-0.063 χ²/NDF: 9790397597.8/25
144259.628+/-0.062 χ²/NDF: 9126057147.8/26



Right In: 200.472+/-0.058 χ^2/NDF: 936547.2/16

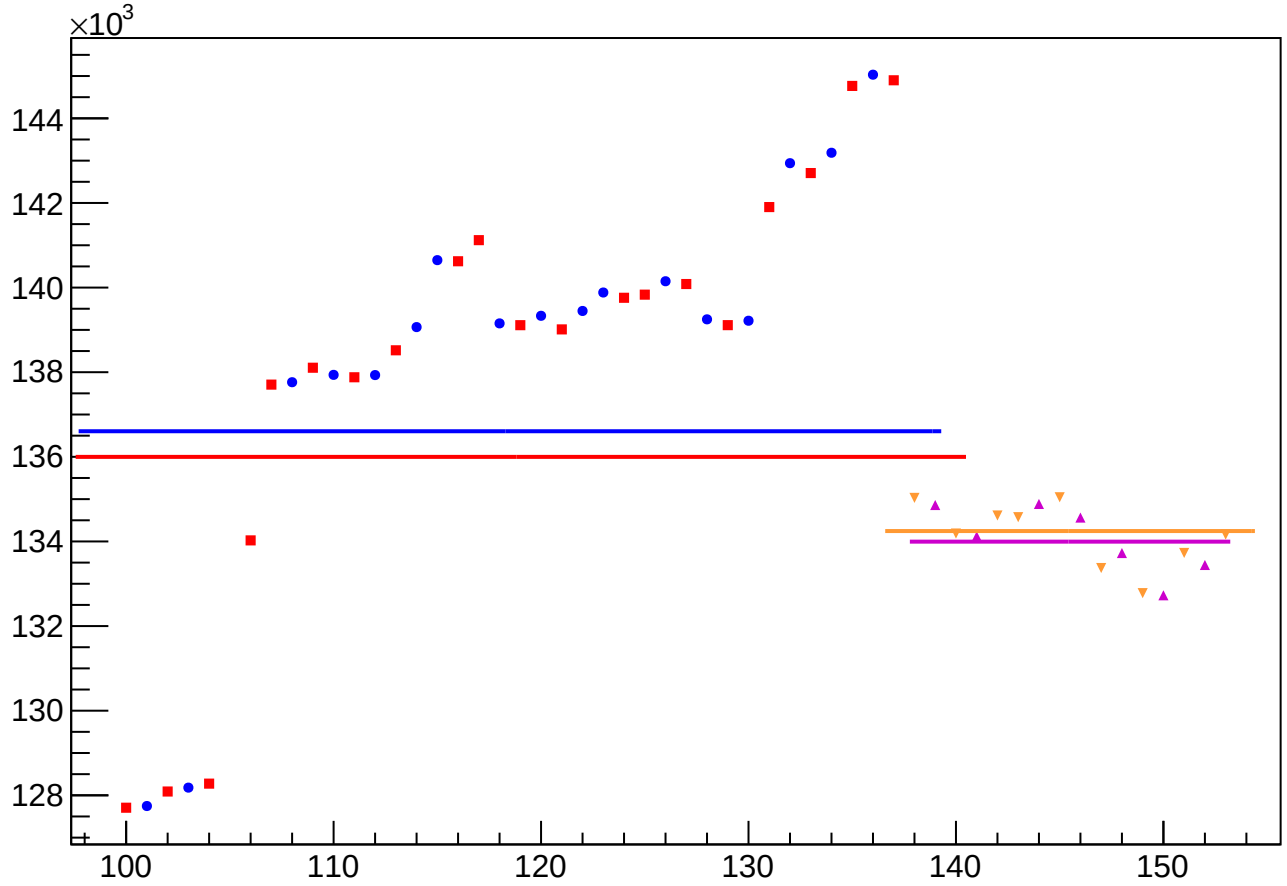
Left Out: 243.851+/-0.069 χ^2/NDF:376702.2/8

Right Out: 192.040+/-0.054 χ^2/NDF: 847133.0/19

Left In: 246.495+/-0.075 χ^2/NDF:332495.5/6

218.429+/-0.044 χ^2/NDF: 1544539.1/25

210.539+/-0.044 χ^2/NDF: 1527840.1/26



Right In: 136604.632+/-0.171 χ^2/NDF: 1494354557.3/16

Left Out: 134245.714+/-0.213 χ^2/NDF:10313120.4/8

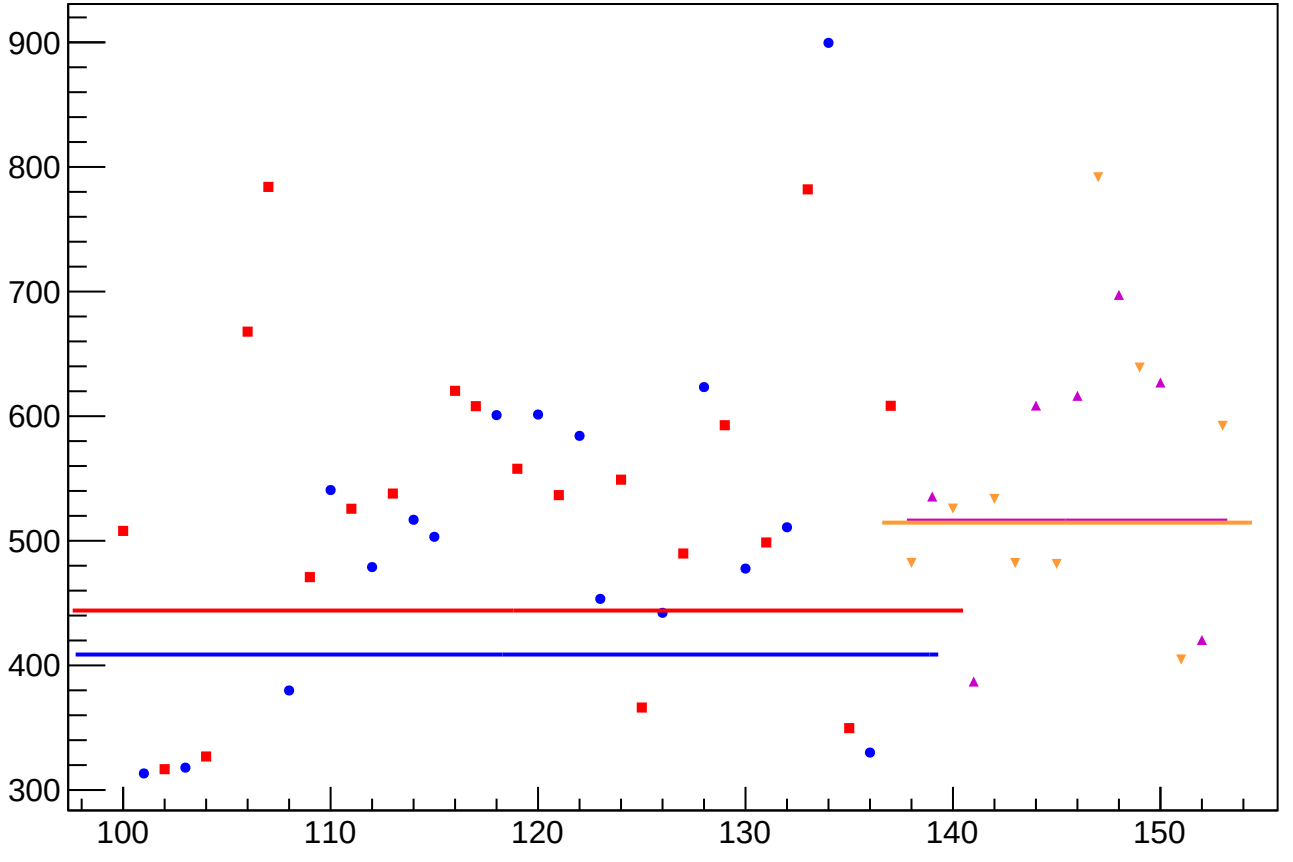
Right Out: 135998.851+/-0.182 χ^2/NDF: 1084895879.4/19

Left In: 133995.364+/-0.239 χ^2/NDF:8207076.2/6

135677.222+/-0.134 χ^2/NDF: 1579100914.2/25

135261.164+/-0.145 χ^2/NDF: 1137526727.9/26

yield_bpm0l03WS_rms vs Slug



Right In: 408.729+/-0.121 χ^2/NDF: 823262.8/16

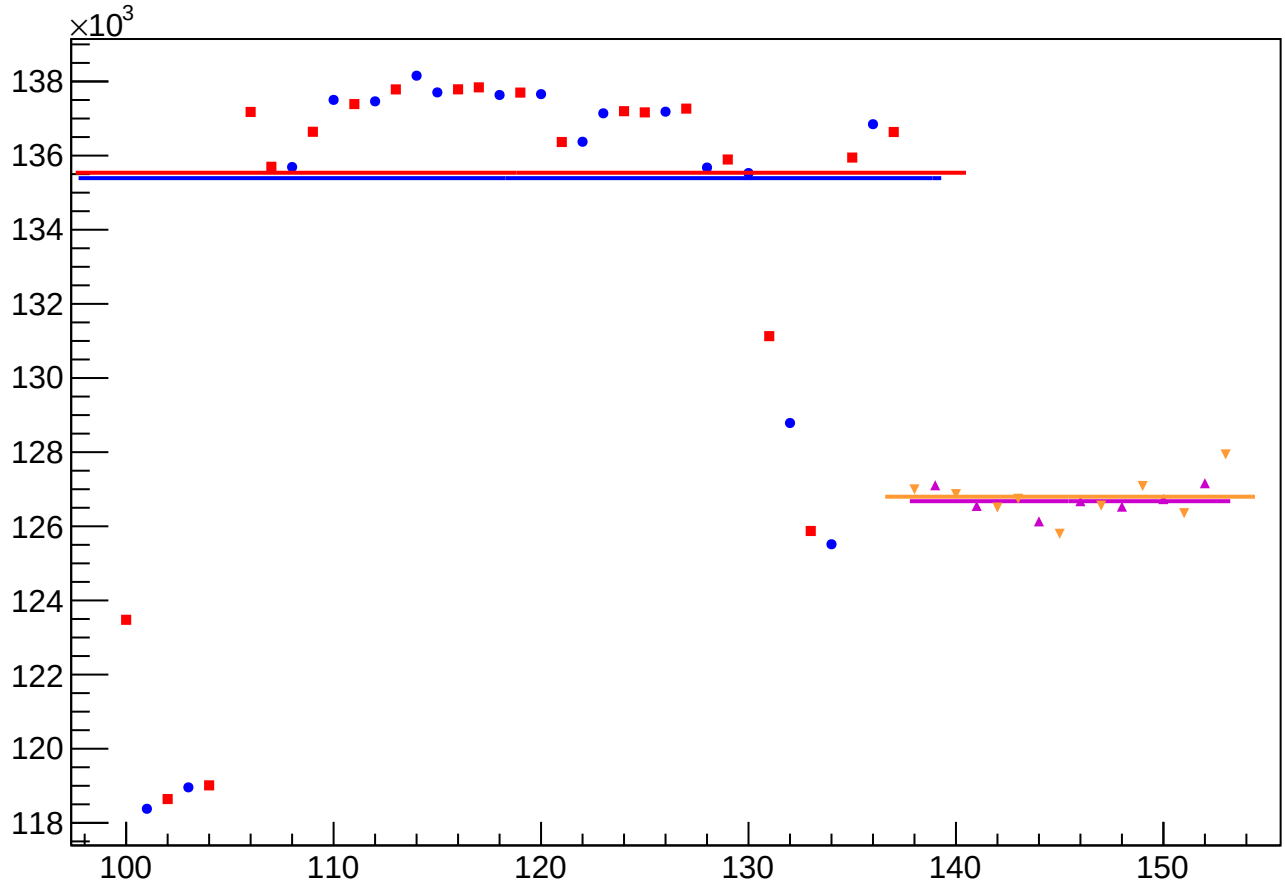
Left Out: 514.578+/-0.151 χ^2/NDF:375278.6/8

Right Out: 444.034+/-0.129 χ^2/NDF: 922545.8/19

Left In: 516.203+/-0.169 χ^2/NDF:433253.0/6

450.344+/-0.094 χ^2/NDF: 1498281.8/25

470.607+/-0.103 χ^2/NDF: 1471085.8/26



Right In: 135391.458+/-0.068 χ^2/NDF: 4580024611.0/16

Left Out: 126798.567+/-0.070 χ^2/NDF:64265287.8/8

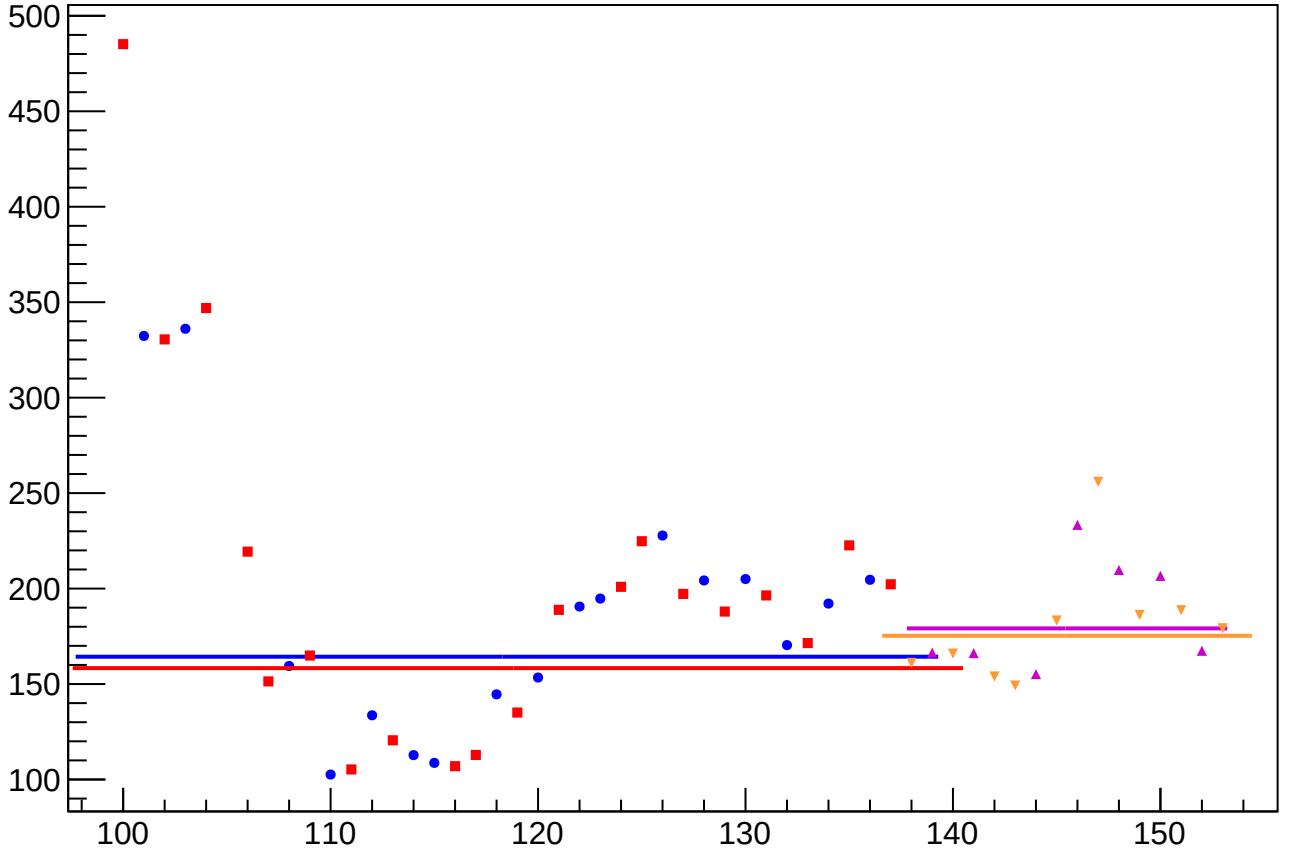
Right Out: 135537.290+/-0.064 χ^2/NDF: 4748951957.4/19

Left In: 126677.473+/-0.077 χ^2/NDF:22571897.8/6

131183.672+/-0.049 χ^2/NDF: 12403402789.2/2

131896.244+/-0.049 χ^2/NDF: 12661494308.7/2

yield_bpm0l04WS_rms vs Slug



Right In: 164.311+/-0.048 χ^2/NDF: 1230487.8/16

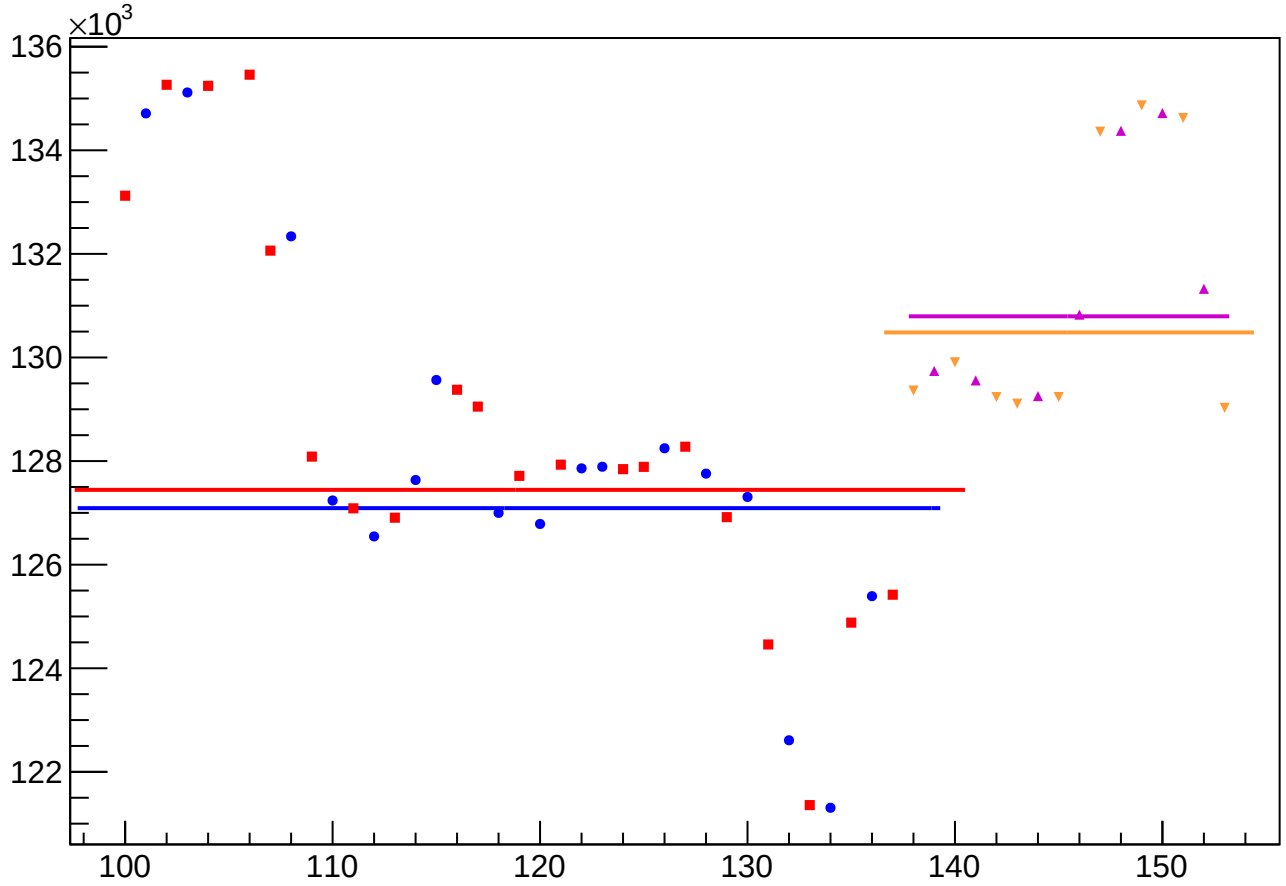
Left Out: 175.273+/-0.049 χ^2/NDF:242823.1/8

Right Out: 158.336+/-0.045 χ^2/NDF: 1398323.7/19

Left In: 179.139+/-0.054 χ^2/NDF:214312.5/6

169.679+/-0.034 χ^2/NDF: 1498565.1/25

166.885+/-0.035 χ^2/NDF: 1699628.7/26



Right In: 127091.500+/-0.066 χ^2/NDF: 1717208780.6/16

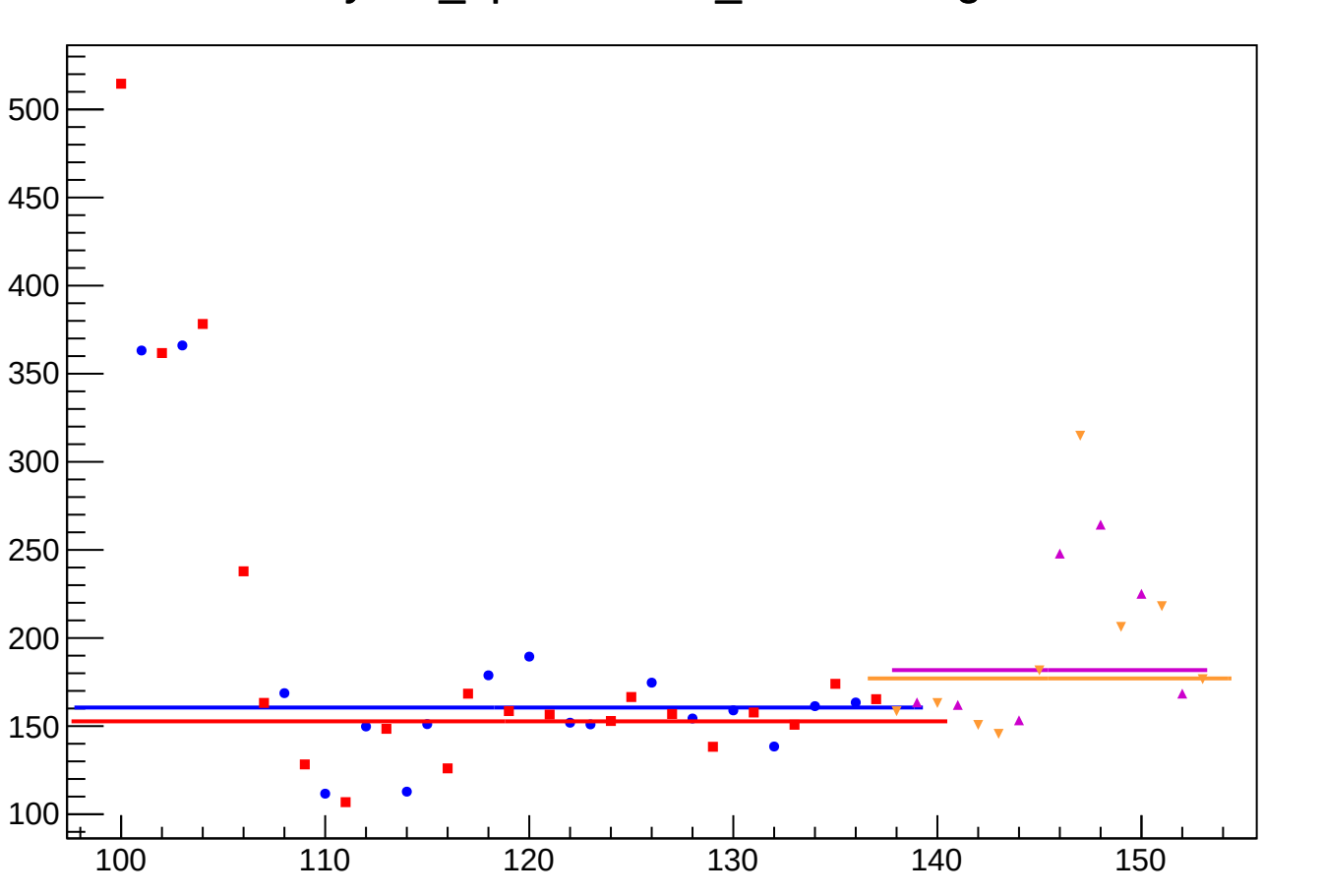
Left Out: 130483.617+/-0.071 χ^2/NDF:969486059.9/8

Right Out: 127444.472+/-0.061 χ^2/NDF: 2082646787.7/19

Left In: 130794.734+/-0.079 χ^2/NDF:571329598.1/6

128661.277+/-0.049 χ^2/NDF: 3897950168.3/25

128714.062+/-0.048 χ^2/NDF: 3782772501.1/26



Right In: 160.564+/-0.047 χ^2/NDF: 942747.0/16

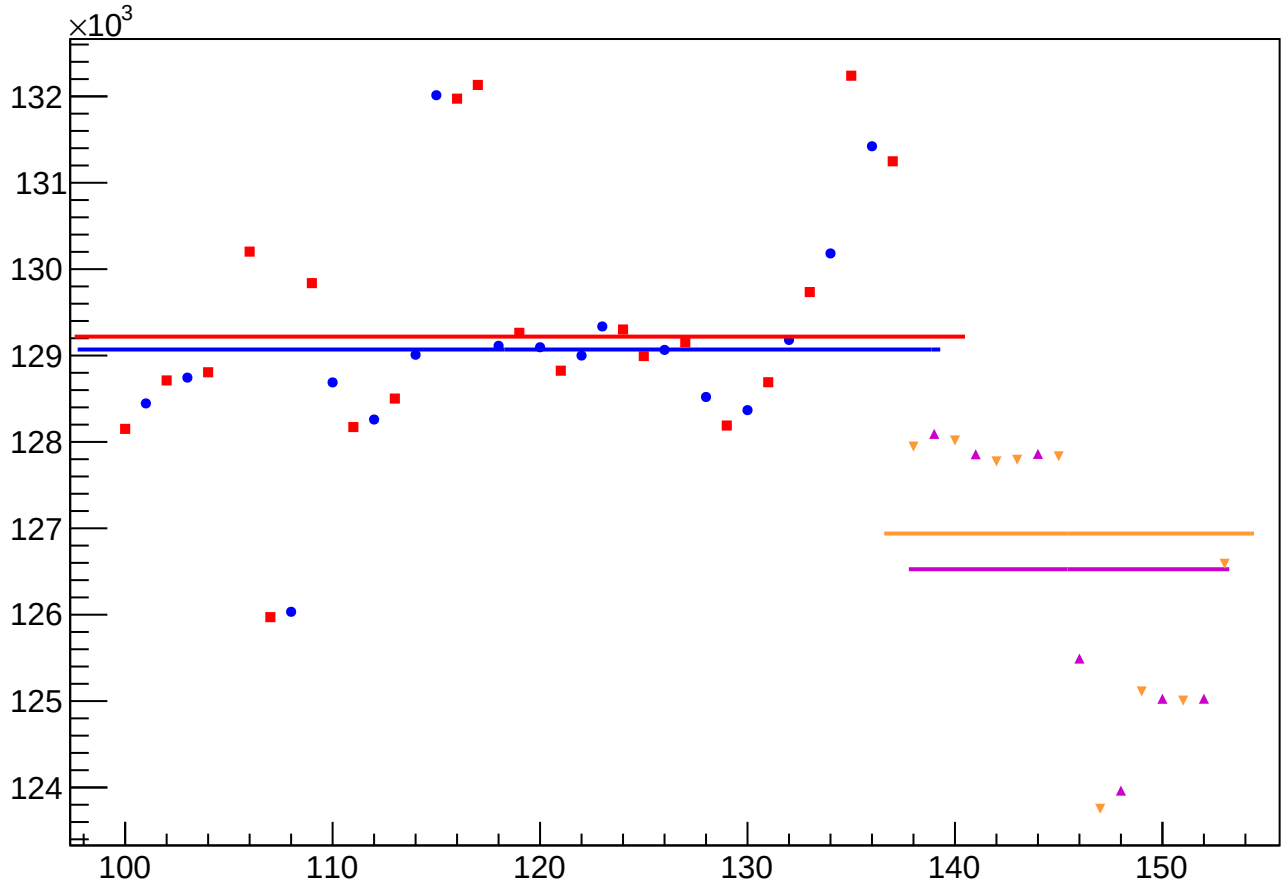
Left Out: 177.066+/-0.051 χ^2/NDF:499044.3/8

Right Out: 152.711+/-0.043 χ^2/NDF: 1087186.3/19

Left In: 181.788+/-0.056 χ^2/NDF:436401.3/6

168.201+/-0.034 χ^2/NDF: 1499126.2/25

163.729+/-0.034 χ^2/NDF: 1693643.8/26



Right In: 129069.668+/-0.060 χ^2/NDF: 476692316.5/16

Left Out: 126939.217+/-0.067 χ^2/NDF:400238370.2/8

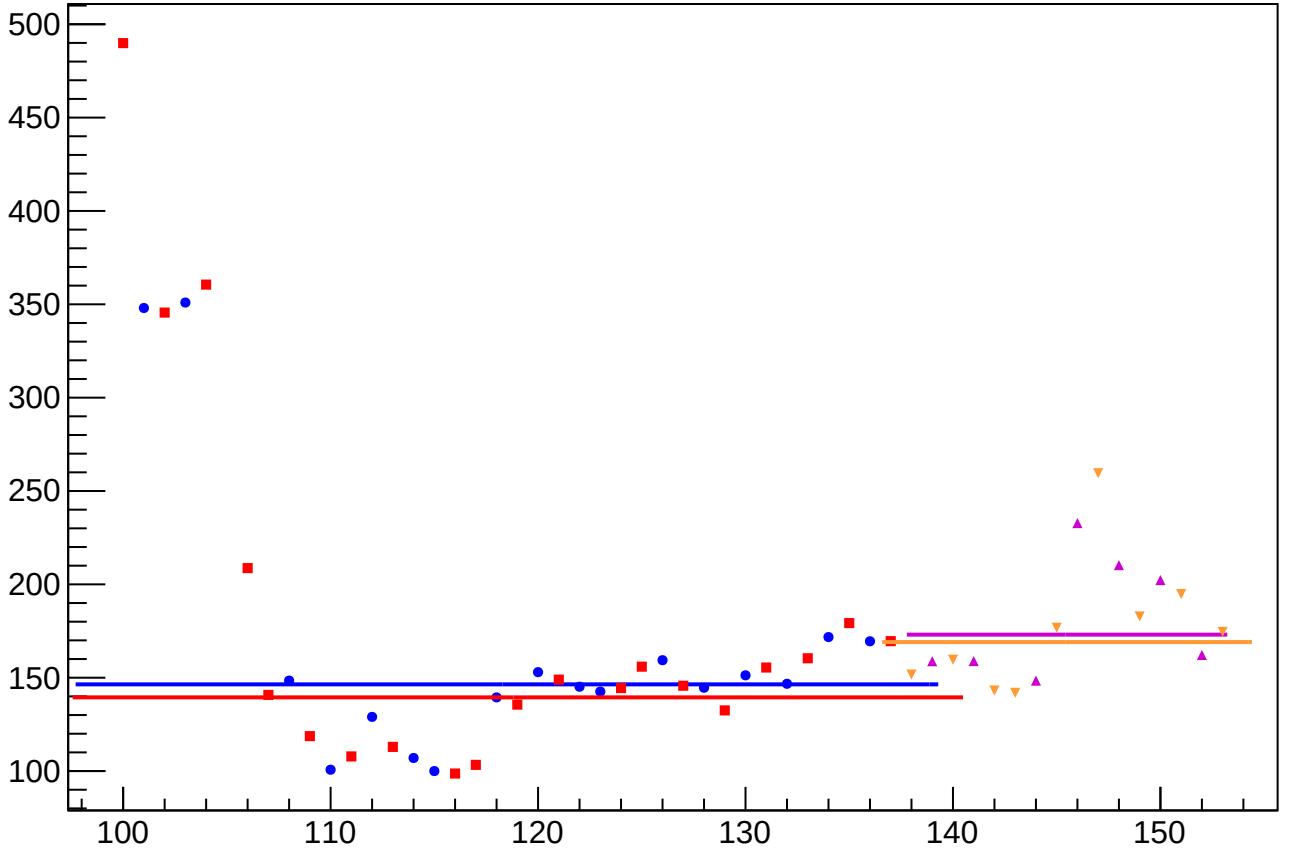
Right Out: 129219.072+/-0.056 χ^2/NDF: 660468184.1/19

Left In: 126526.361+/-0.074 χ^2/NDF:439504534.1/6

128126.113+/-0.045 χ^2/NDF: 1432167003.4/25

128246.691+/-0.045 χ^2/NDF: 1942805360.7/26

yield_bpm0l06WS_rms vs Slug



Right In: 146.437+/-0.043 χ^2/NDF: 1064791.0/16

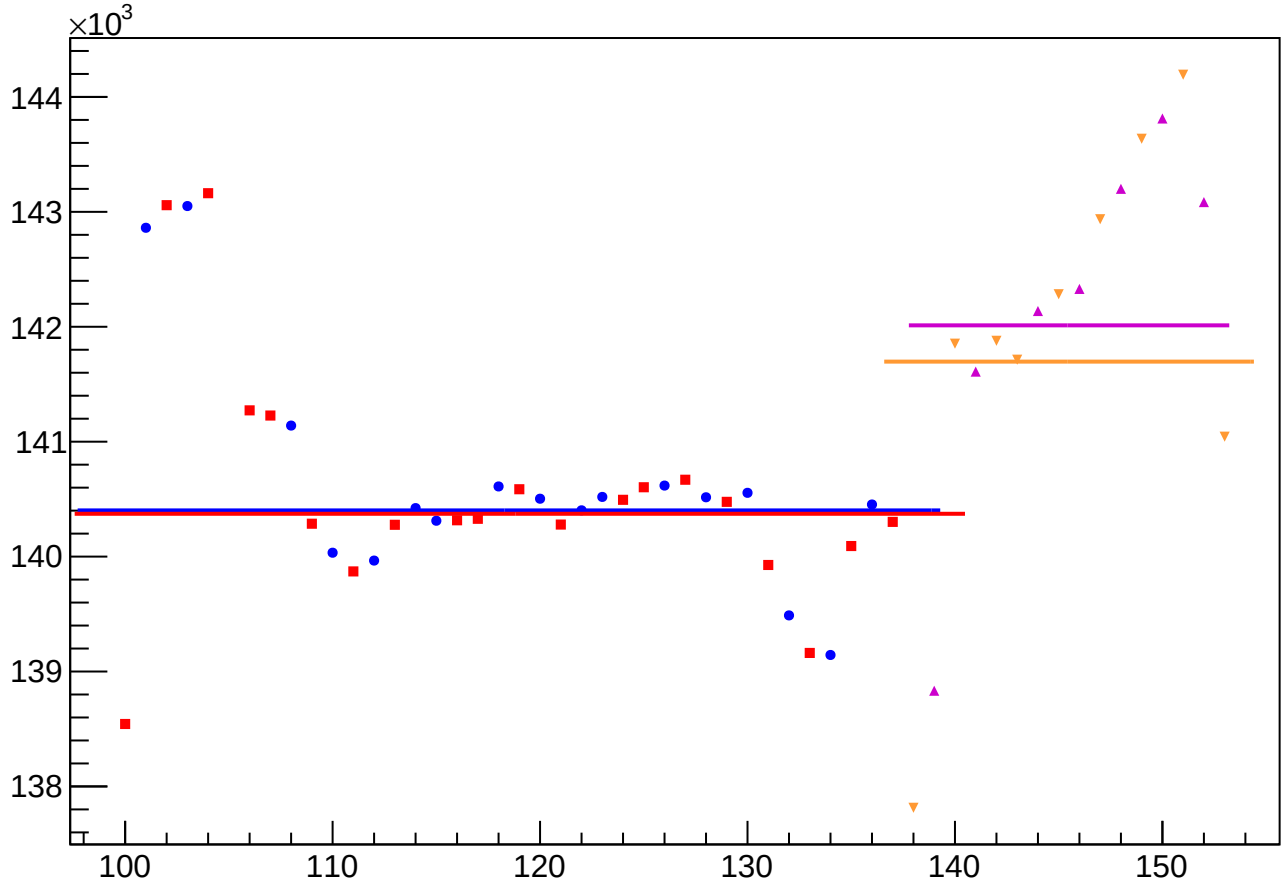
Left Out: 169.078+/-0.048 χ^2/NDF:328402.5/8

Right Out: 139.468+/-0.039 χ^2/NDF: 1214310.8/19

Left In: 173.068+/-0.052 χ^2/NDF:265956.3/6

156.465+/-0.032 χ^2/NDF: 1518608.7/25

151.601+/-0.032 χ^2/NDF: 1742740.0/26



Right In: 140402.010+/-0.064 χ^2/NDF: 88071774.7/16

Left Out: 141696.770+/-0.079 χ^2/NDF:538041088.9/8

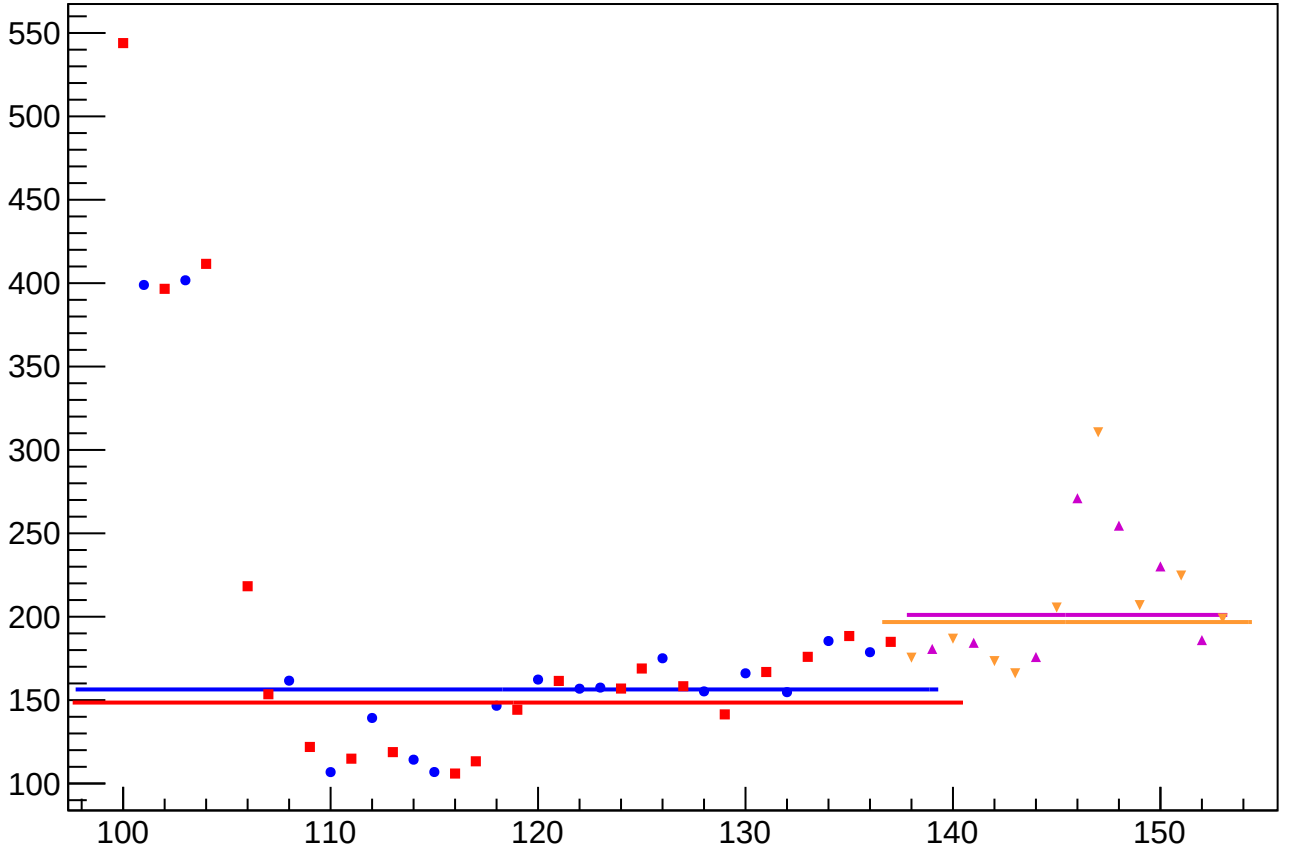
Right Out: 140372.636+/-0.059 χ^2/NDF: 99861038.9/19

Left In: 142012.345+/-0.086 χ^2/NDF:309811620.5/6

140919.710+/-0.050 χ^2/NDF: 787995546.2/25

140900.545+/-0.049 χ^2/NDF: 654239884.3/26

yield_bpm0l07WS_rms vs Slug



Right In: 156.394+/-0.046 χ^2/NDF: 1154804.2/16

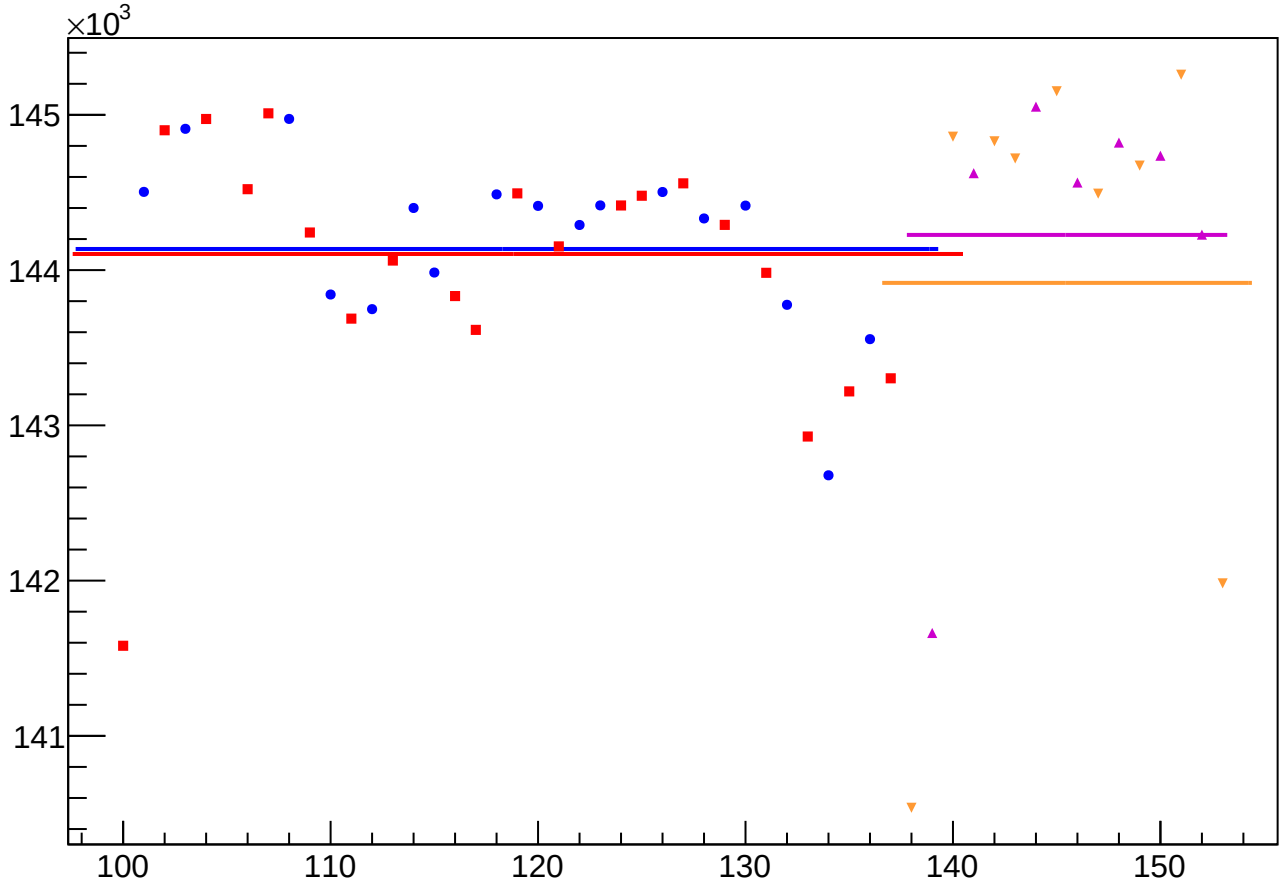
Left Out: 196.809+/-0.056 χ^2/NDF:323572.5/8

Right Out: 148.524+/-0.042 χ^2/NDF: 1316113.9/19

Left In: 201.083+/-0.061 χ^2/NDF:276660.4/6

172.553+/-0.035 χ^2/NDF: 1793833.5/25

165.446+/-0.035 χ^2/NDF: 2095342.3/26



Right In: 144136.118+/-0.067 χ^2/NDF: 47069480.3/16

Left Out: 143917.759+/-0.078 χ^2/NDF:451163176.2/8

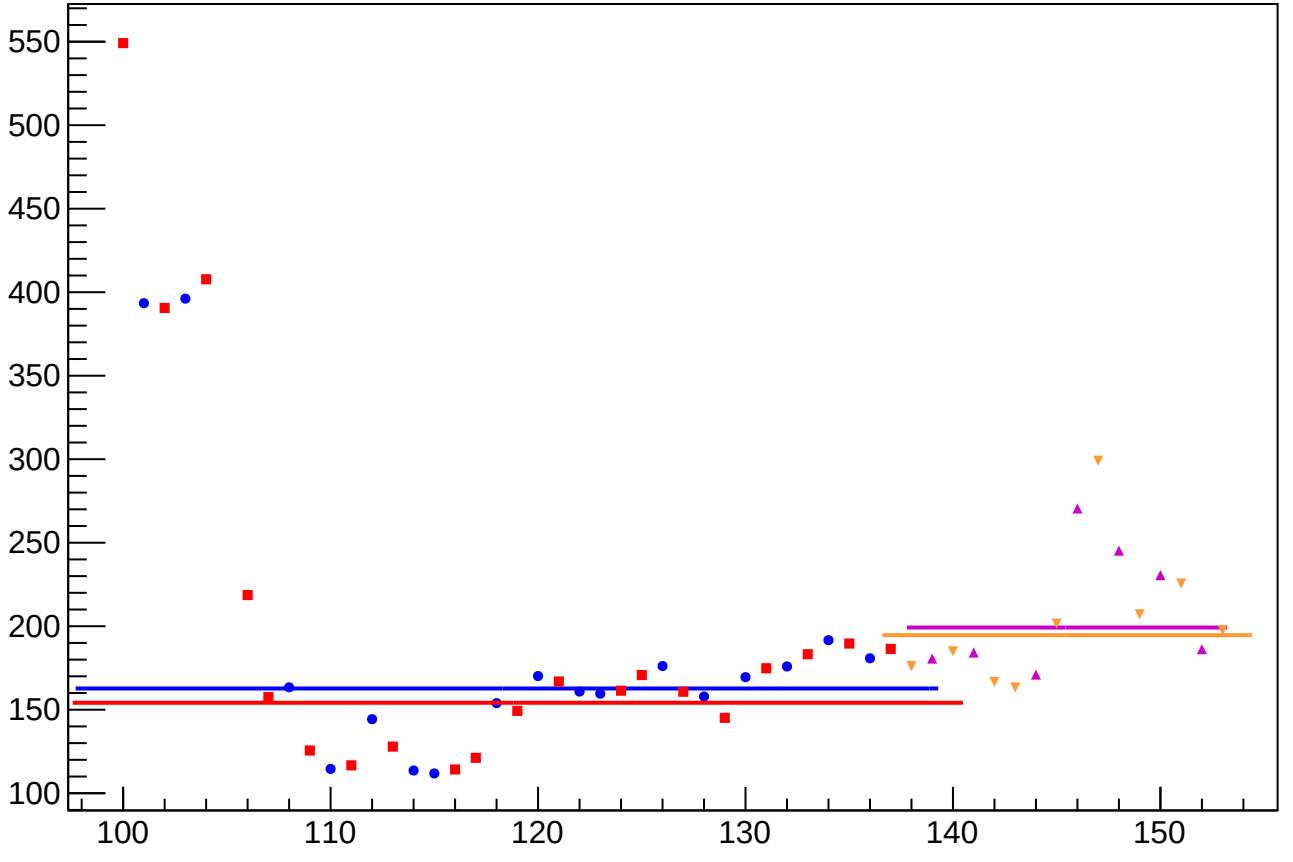
Right Out: 144103.887+/-0.062 χ^2/NDF: 65973087.5/19

Left In: 144226.690+/-0.086 χ^2/NDF:169309289.7/6

144043.609+/-0.051 χ^2/NDF: 502763691.5/25

144145.743+/-0.050 χ^2/NDF: 236640451.8/26

yield_bpm0l08WS_rms vs Slug



Right In: 162.714+/-0.047 χ^2/NDF: 1066482.0/16

Left Out: 194.646+/-0.055 χ^2/NDF:317193.1/8

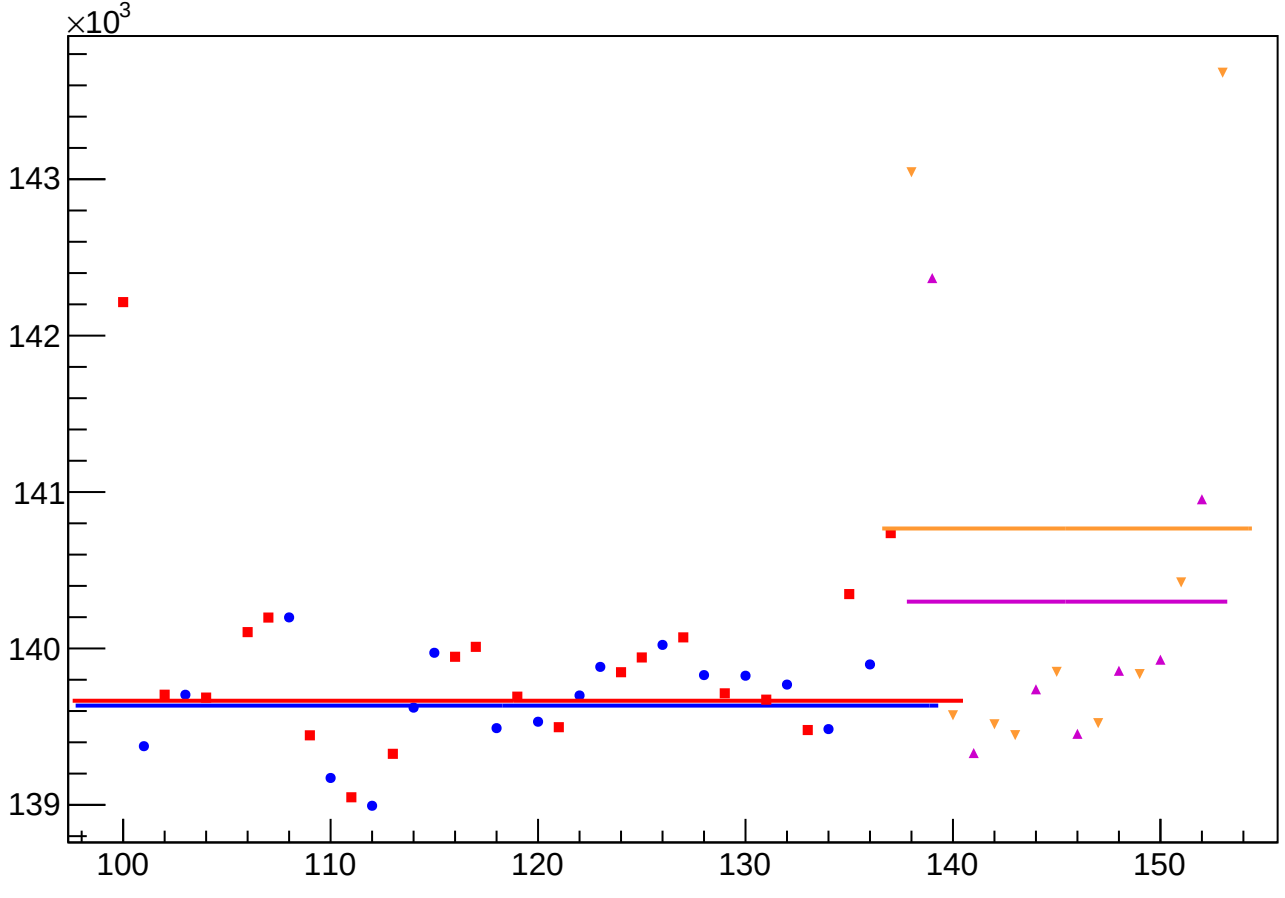
Right Out: 154.174+/-0.044 χ^2/NDF: 1224004.2/19

Left In: 199.221+/-0.060 χ^2/NDF:273598.7/6

176.242+/-0.036 χ^2/NDF: 1577466.4/25

169.528+/-0.035 χ^2/NDF: 1863094.3/26

yield_bpm0l09WS_mean vs Slug



Right In: 139634.700+/-0.068 χ^2/NDF: 24844912.0/16

Left Out: 140766.922+/-0.083 χ^2/NDF:387484101.3/8

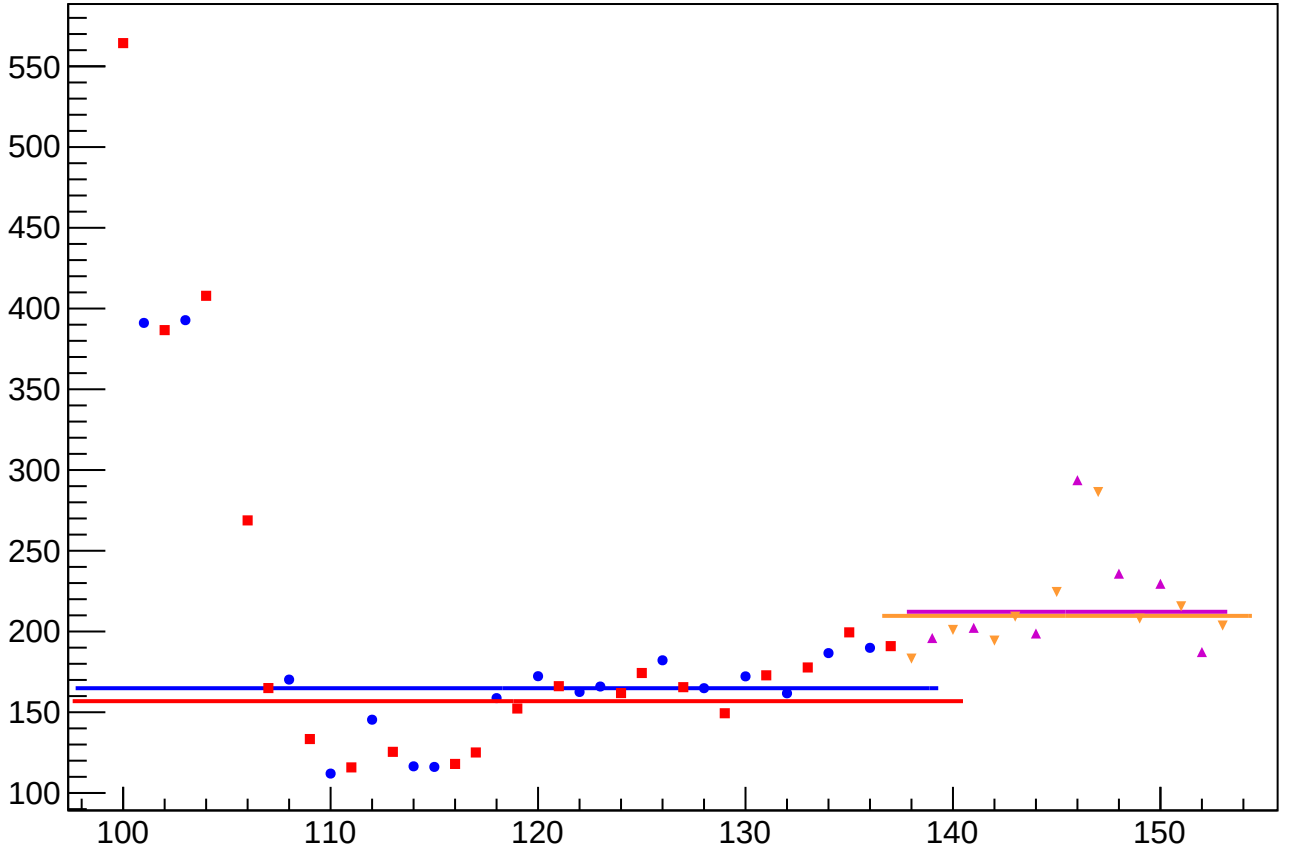
Right Out: 139665.743+/-0.063 χ^2/NDF: 38703726.2/19

Left In: 140299.280+/-0.091 χ^2/NDF:121952466.5/6

140086.857+/-0.053 χ^2/NDF: 523775315.9/25

139870.274+/-0.052 χ^2/NDF: 193623112.1/26

yield_bpm0l09WS_rms vs Slug



Right In: 164.884+/-0.048 χ^2/NDF: 1066270.8/16

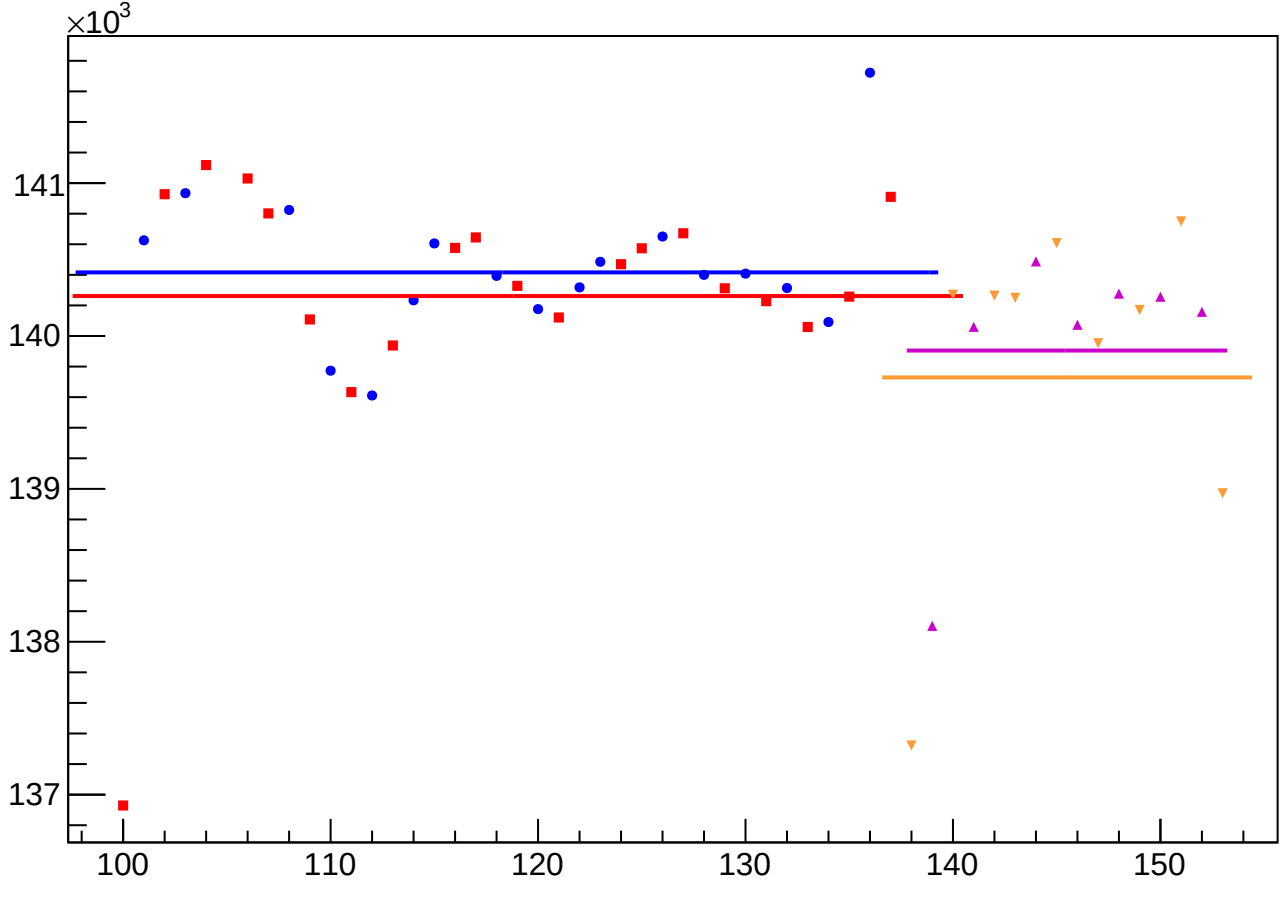
Left Out: 209.675+/-0.059 χ^2/NDF:158463.8/8

Right Out: 156.859+/-0.044 χ^2/NDF: 1250656.2/19

Left In: 212.208+/-0.064 χ^2/NDF:194680.1/6

182.772+/-0.037 χ^2/NDF: 1573559.7/25

174.728+/-0.036 χ^2/NDF: 1948578.6/26



Right In: 140416.064+/-0.068 χ^2/NDF: 69975821.3/16

Left Out: 139728.829+/-0.077 χ^2/NDF:208851645.9/8

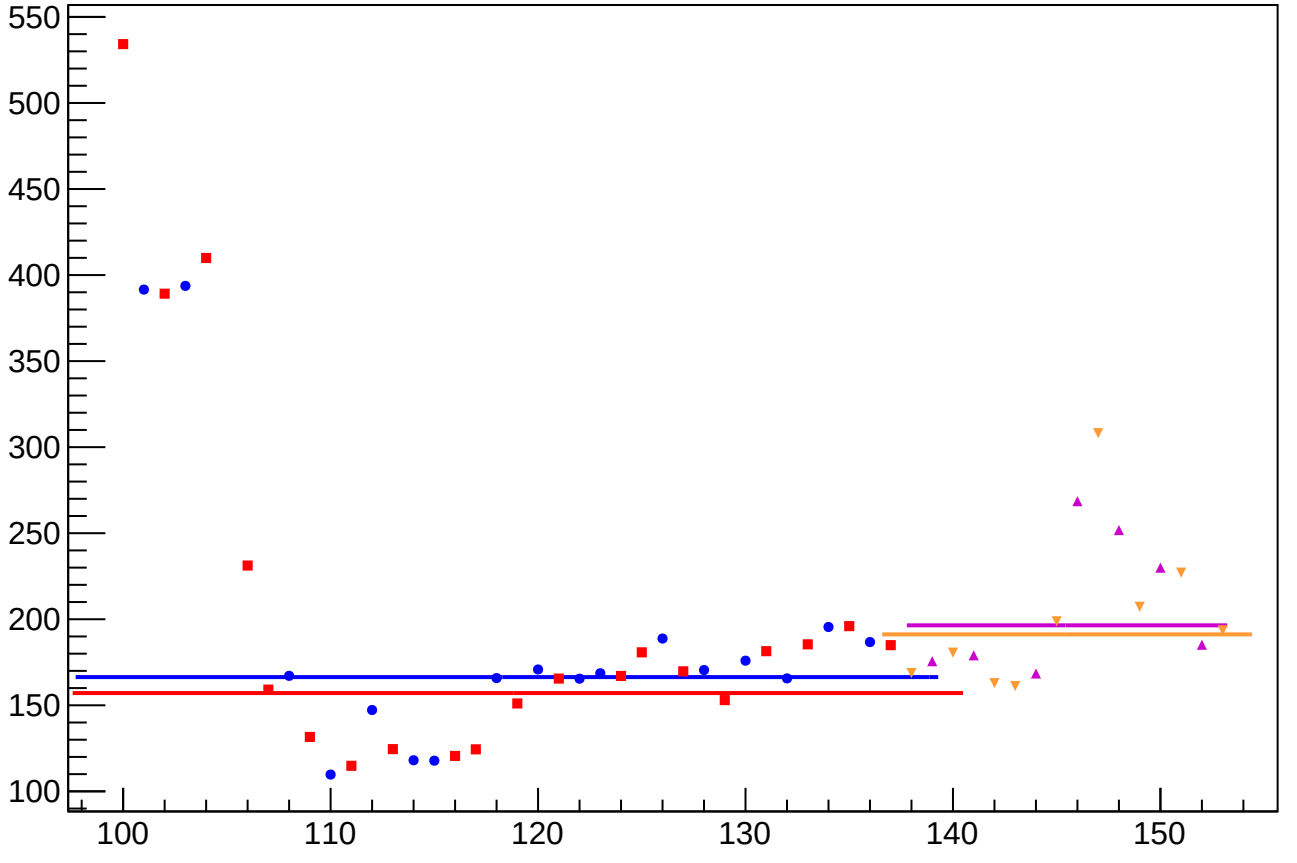
Right Out: 140261.267+/-0.063 χ^2/NDF: 38479140.4/19

Left In: 139904.832+/-0.084 χ^2/NDF:87171262.5/6

140111.085+/-0.051 χ^2/NDF: 323633753.5/25

140134.323+/-0.050 χ^2/NDF: 137125381.1/26

yield_bpm0l10WS_rms vs Slug



Right In: 166.388+/-0.048 χ^2/NDF: 1080964.8/16

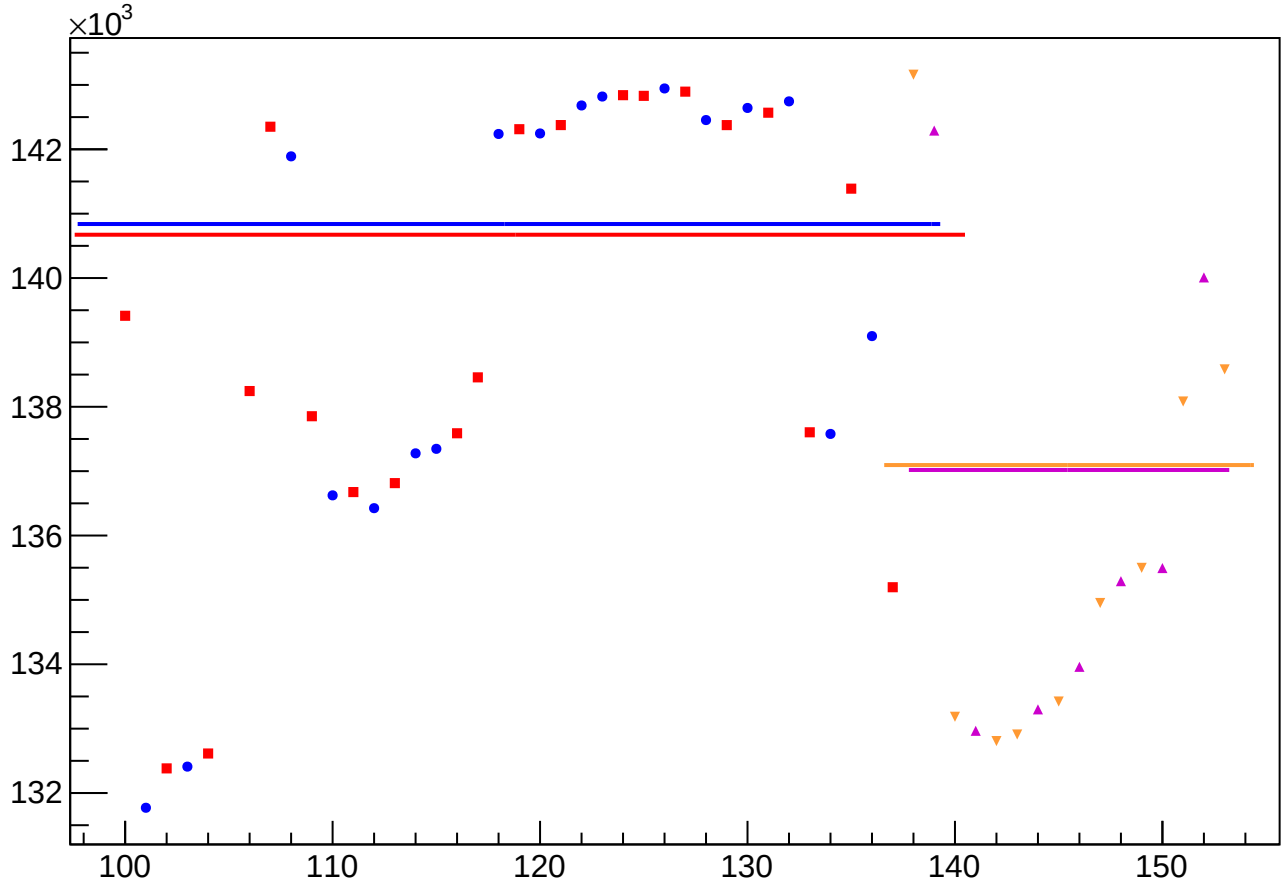
Left Out: 191.198+/-0.054 χ^2/NDF:375043.1/8

Right Out: 157.110+/-0.044 χ^2/NDF: 1235934.7/19

Left In: 196.466+/-0.060 χ^2/NDF:311779.2/6

177.398+/-0.036 χ^2/NDF: 1572799.8/25

171.127+/-0.036 χ^2/NDF: 1827502.5/26



Right In: 140839.133+/-0.100 χ^2/NDF: 822682996.3/16

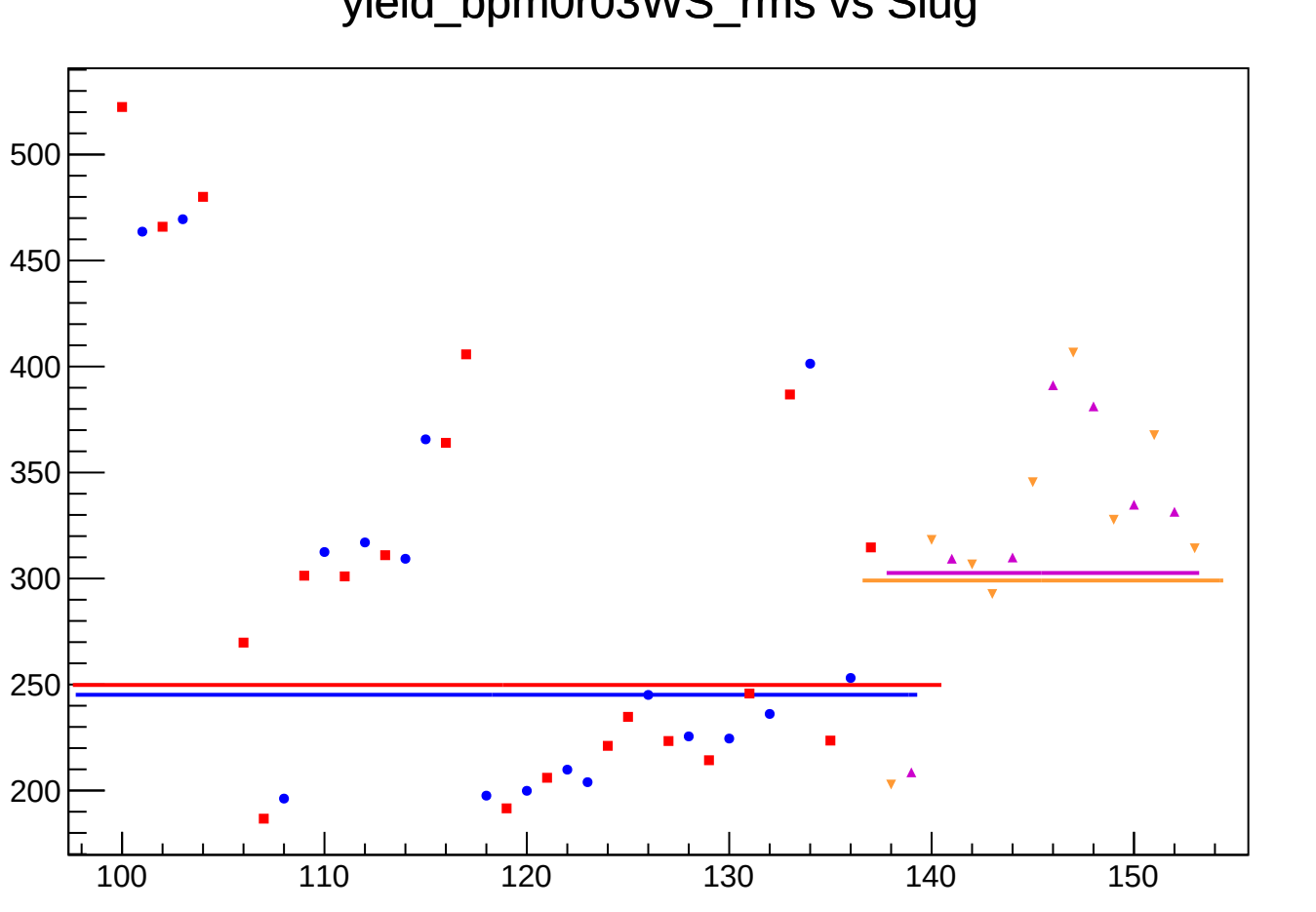
Left Out: 137094.826+/-0.122 χ^2/NDF:1087550601.5/8

Right Out: 140672.898+/-0.099 χ^2/NDF: 841965357.5/19

Left In: 137018.240+/-0.132 χ^2/NDF:820059874.1/6

139327.263+/-0.077 χ^2/NDF: 2476191335.8/25

139361.588+/-0.079 χ^2/NDF: 2151239975.7/26



Right In: 245.159+/-0.071 χ^2/NDF: 869491.6/16

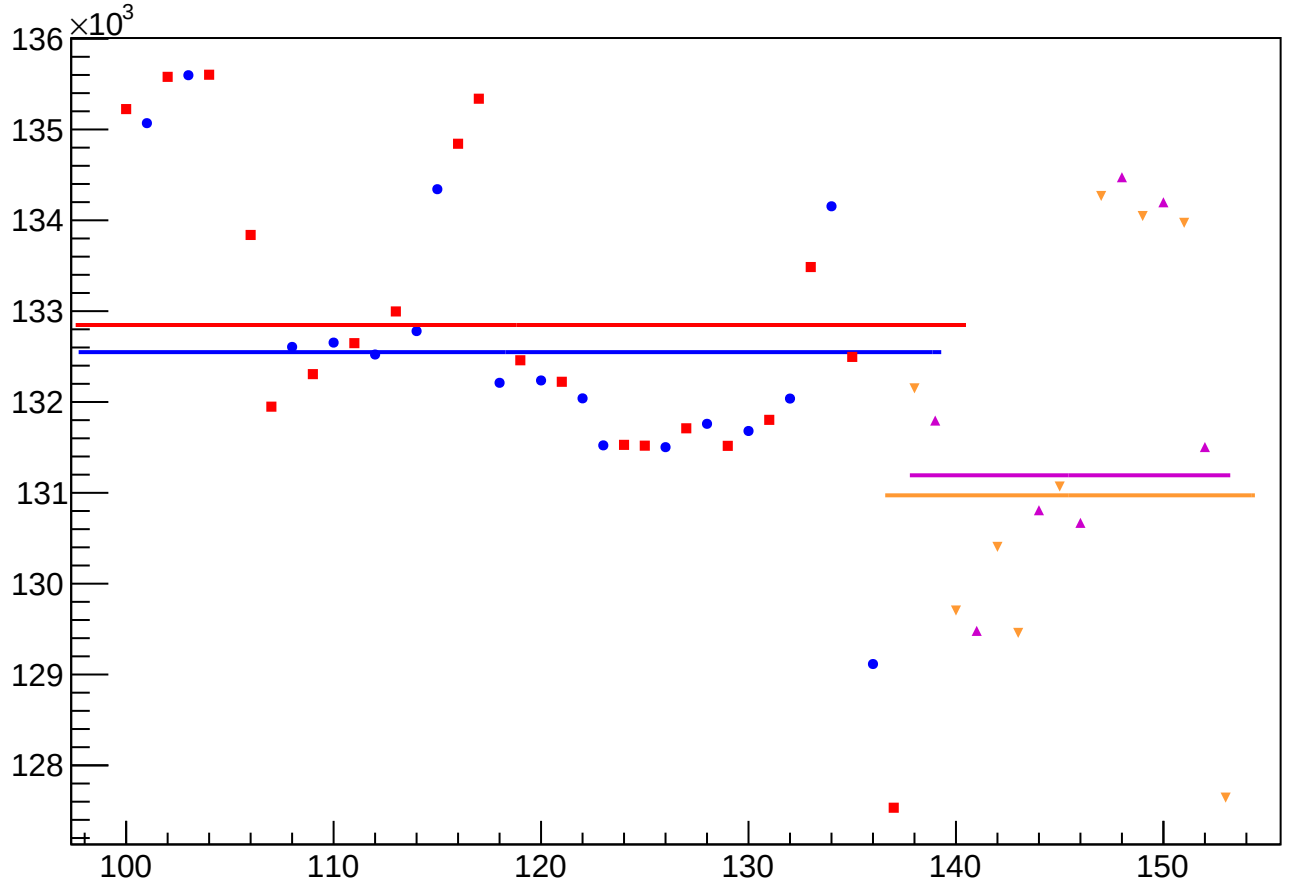
Left Out: 299.068+/-0.086 χ^2/NDF:526514.7/8

Right Out: 249.792+/-0.070 χ^2/NDF: 1022316.0/19

Left In: 302.624+/-0.094 χ^2/NDF:438131.7/6

266.926+/-0.055 χ^2/NDF: 1630639.6/25

268.748+/-0.056 χ^2/NDF: 1664916.8/26



Right In: 132548.888+/-0.119 χ^2/NDF: 161115079.9/16

Left Out: 130972.503+/-0.091 χ^2/NDF:387517343.3/8

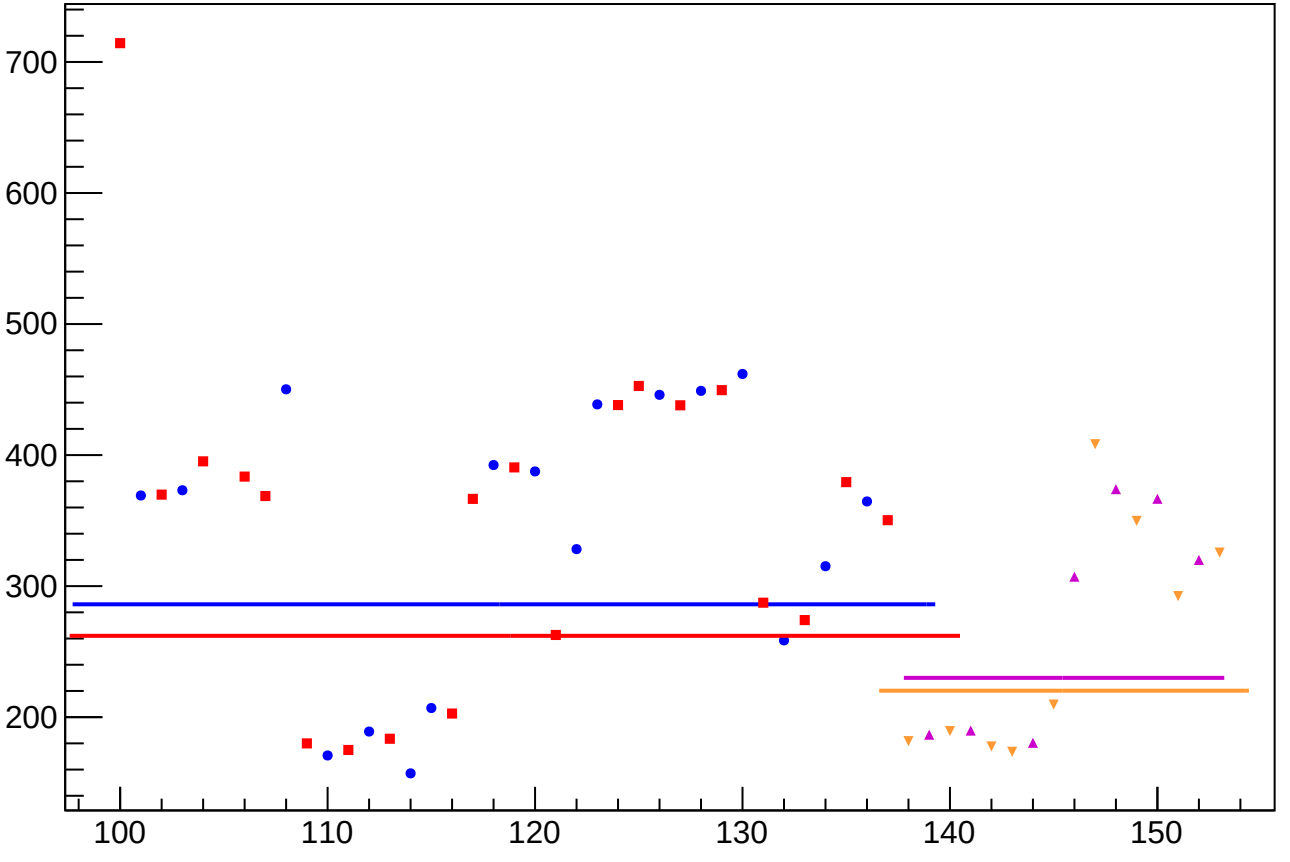
Right Out: 132847.502+/-0.107 χ^2/NDF: 151618589.4/19

Left In: 131193.046+/-0.103 χ^2/NDF:198722011.4/6

131555.662+/-0.073 χ^2/NDF: 658510346.4/25

131986.085+/-0.074 χ^2/NDF: 475047333.6/26

yield_bpm0r05WS_rms vs Slug



Right In: 286.122+/-0.084 χ^2/NDF: 1525266.4/16

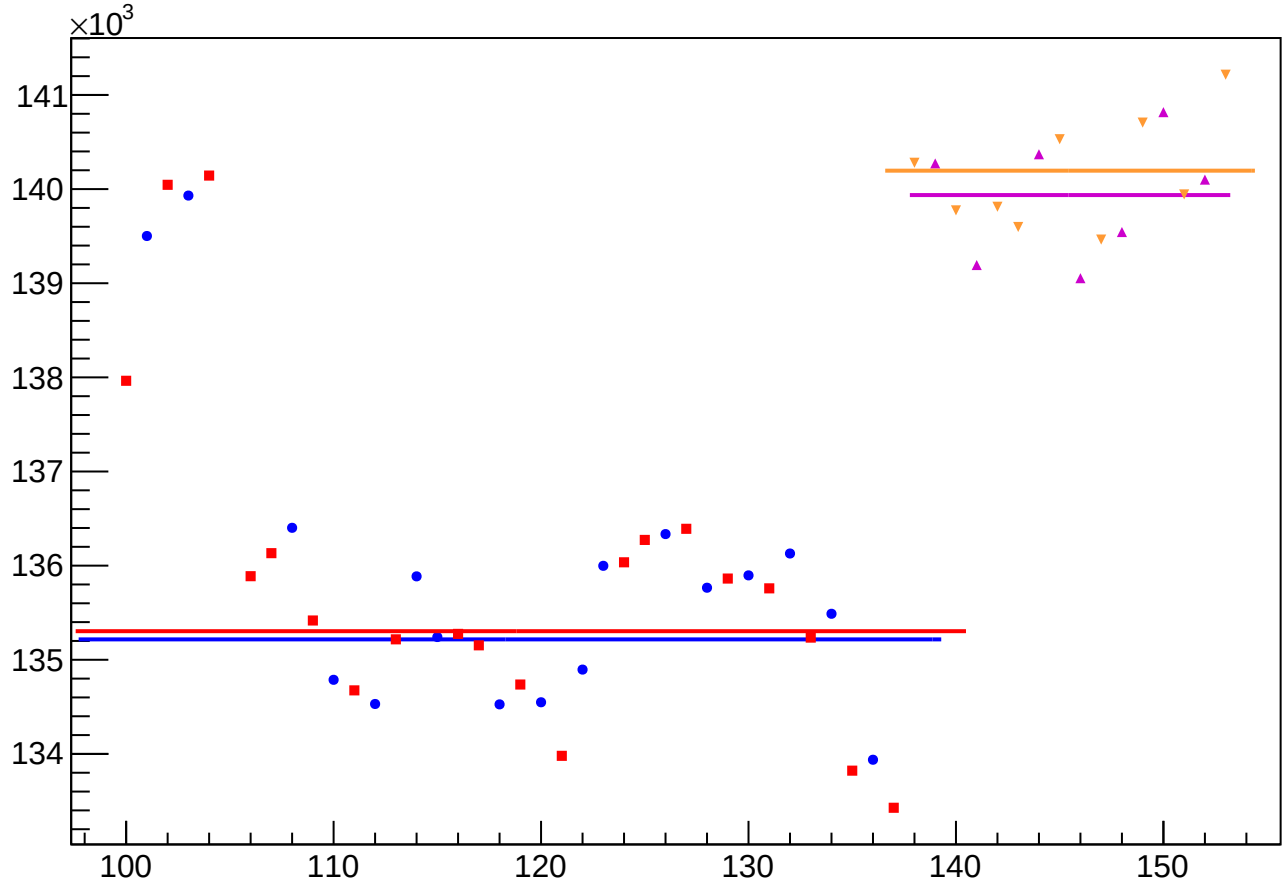
Left Out: 220.201+/-0.065 χ^2/NDF:1050470.4/8

Right Out: 262.073+/-0.076 χ^2/NDF: 1630239.5/19

Left In: 229.992+/-0.073 χ^2/NDF:967258.4/6

244.588+/-0.051 χ^2/NDF: 2960031.8/25

245.369+/-0.052 χ^2/NDF: 2691274.8/26



Right In: 135216.588+/-0.054 χ^2/NDF: 371347707.3/16

Left Out: 140195.828+/-0.073 χ^2/NDF:59981252.0/8

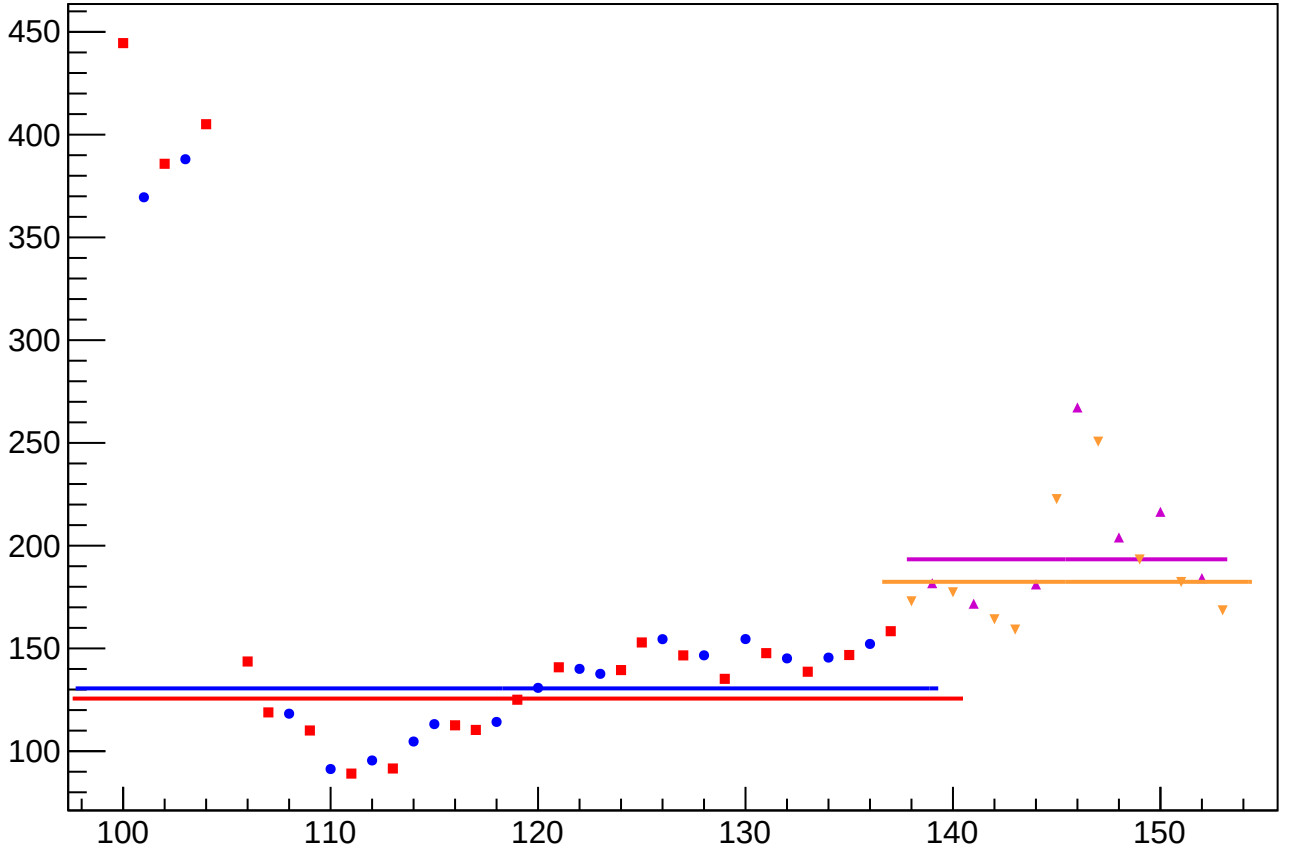
Right Out: 135303.736+/-0.051 χ^2/NDF: 357717935.5/19

Left In: 139936.620+/-0.083 χ^2/NDF:48277370.1/6

136995.640+/-0.044 χ^2/NDF: 3429497335.6/25

136569.094+/-0.043 χ^2/NDF: 2668267924.4/26

yield_bpm0i02WS_rms vs Slug



Right In: 130.552+/-0.038 χ^2/NDF: 1373104.9/16

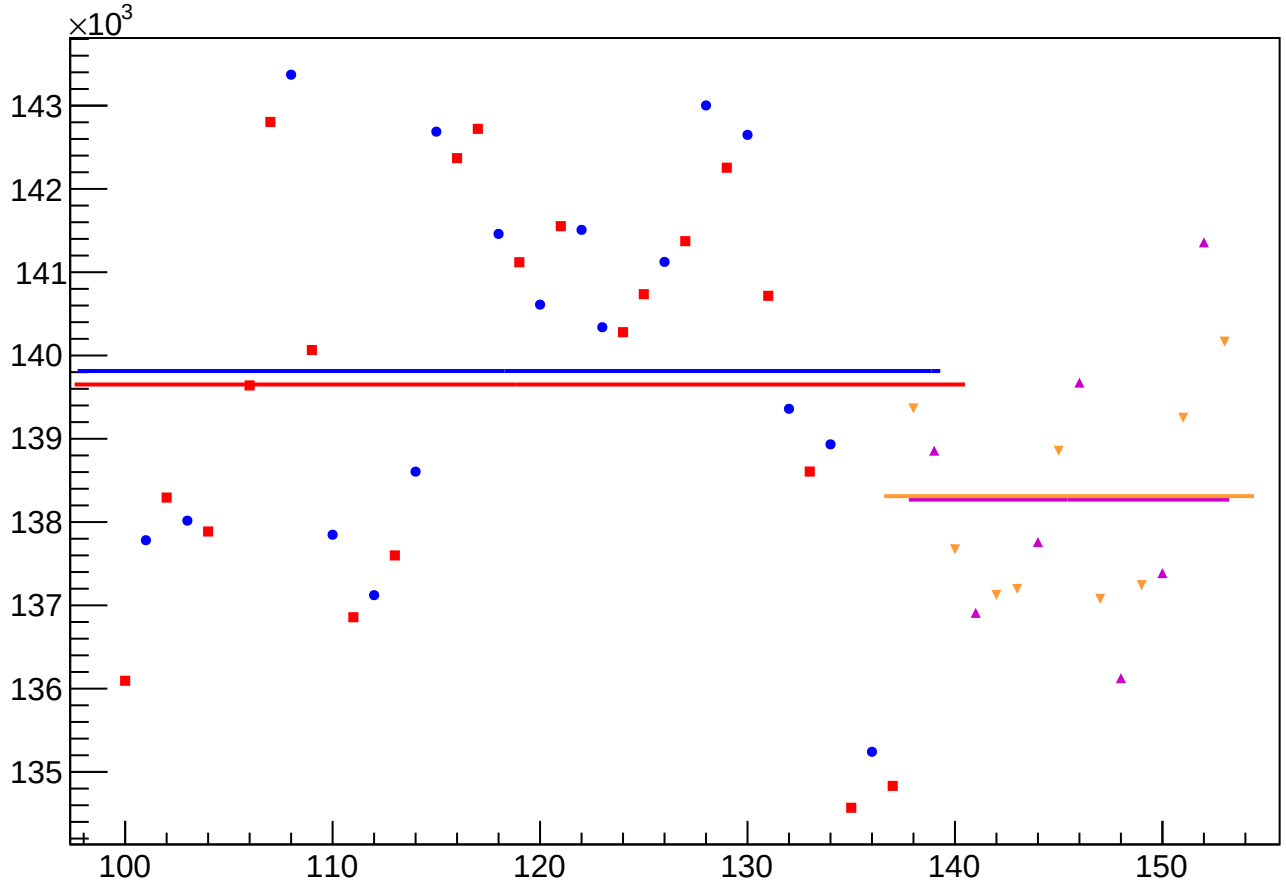
Left Out: 182.409+/-0.052 χ^2/NDF:216774.0/8

Right Out: 125.603+/-0.036 χ^2/NDF: 1441677.4/19

Left In: 193.359+/-0.059 χ^2/NDF:180168.0/6

149.080+/-0.031 χ^2/NDF: 2240275.6/25

144.109+/-0.031 χ^2/NDF: 2589587.0/26



Right In: 139813.664+/-0.062 χ^2/NDF: 1689865533.6/16

Left Out: 138311.307+/-0.074 χ^2/NDF:235249892.9/8

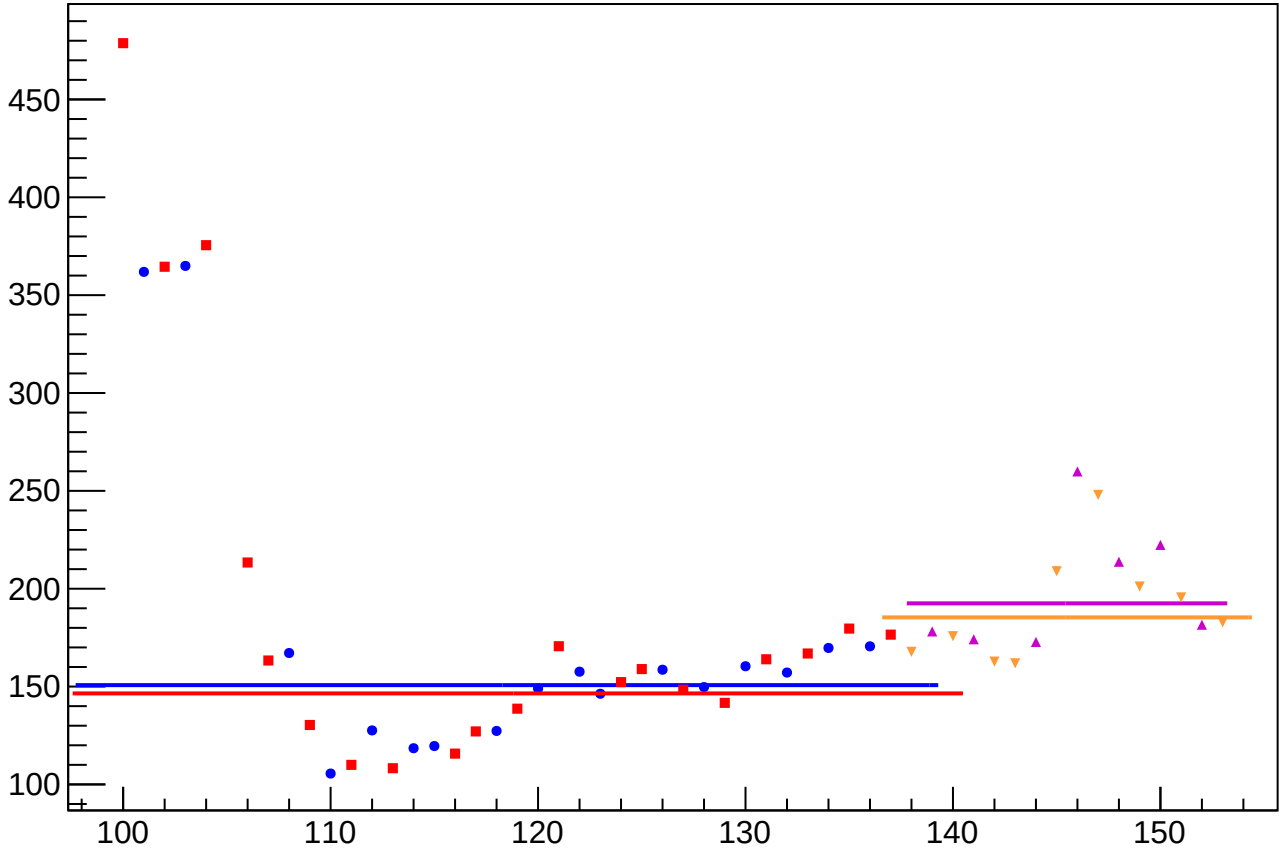
Right Out: 139651.821+/-0.059 χ^2/NDF: 1531019137.4/19

Left In: 138269.631+/-0.083 χ^2/NDF:408158490.3/6

139196.545+/-0.048 χ^2/NDF: 2166910233.9/25

139188.494+/-0.048 χ^2/NDF: 2124731591.8/26

yield_bpm0i02aWS_rms vs Slug



Right In: 150.733+/-0.044 χ^2/NDF: 1050071.6/16

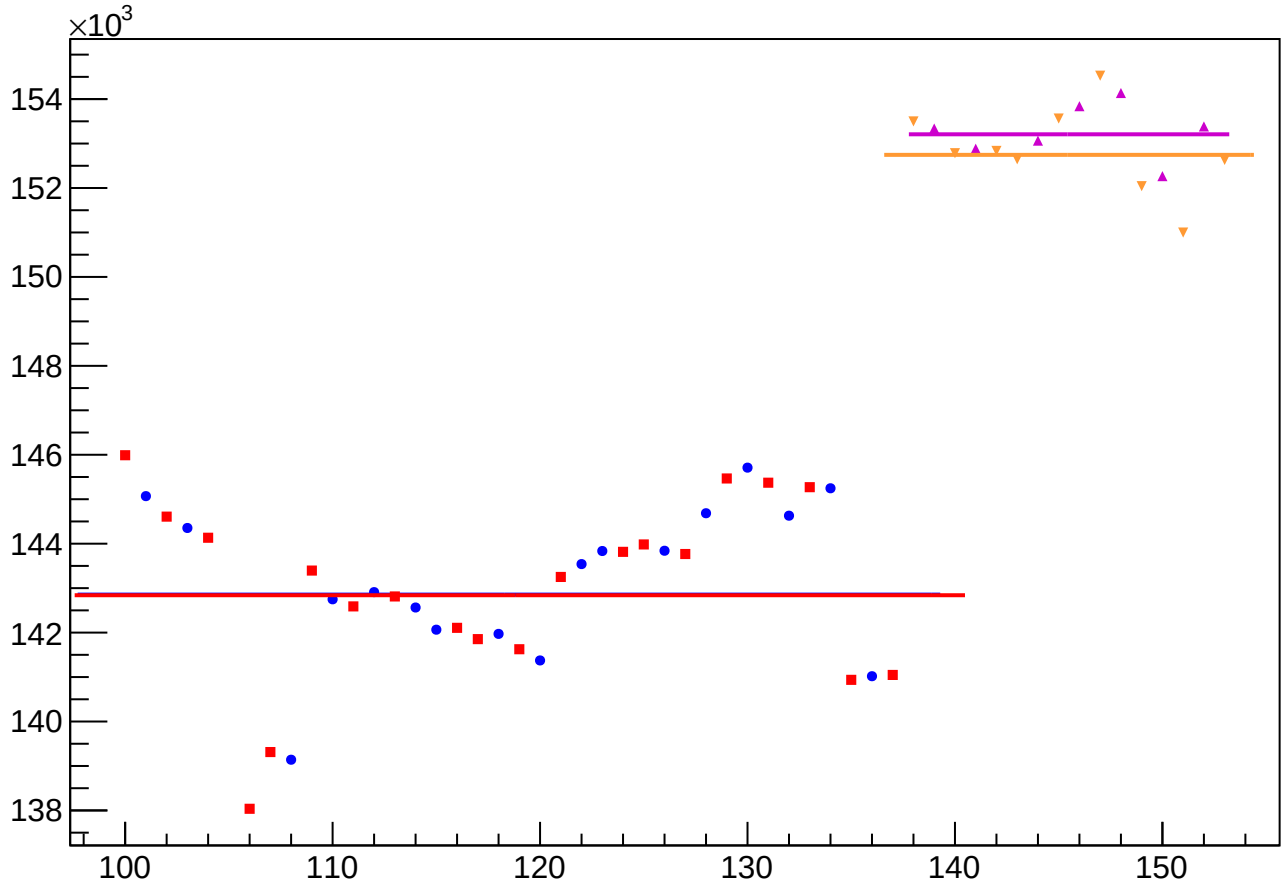
Left Out: 185.355+/-0.052 χ^2/NDF:193588.8/8

Right Out: 146.506+/-0.042 χ^2/NDF: 1205131.2/19

Left In: 192.527+/-0.059 χ^2/NDF:203334.8/6

164.955+/-0.034 χ^2/NDF: 1500487.8/25

161.933+/-0.034 χ^2/NDF: 1819878.6/26



Right In: 142854.268+/-0.065 χ^2/NDF: 740367386.5/16

Left Out: 152745.673+/-0.074 χ^2/NDF:137598034.9/8

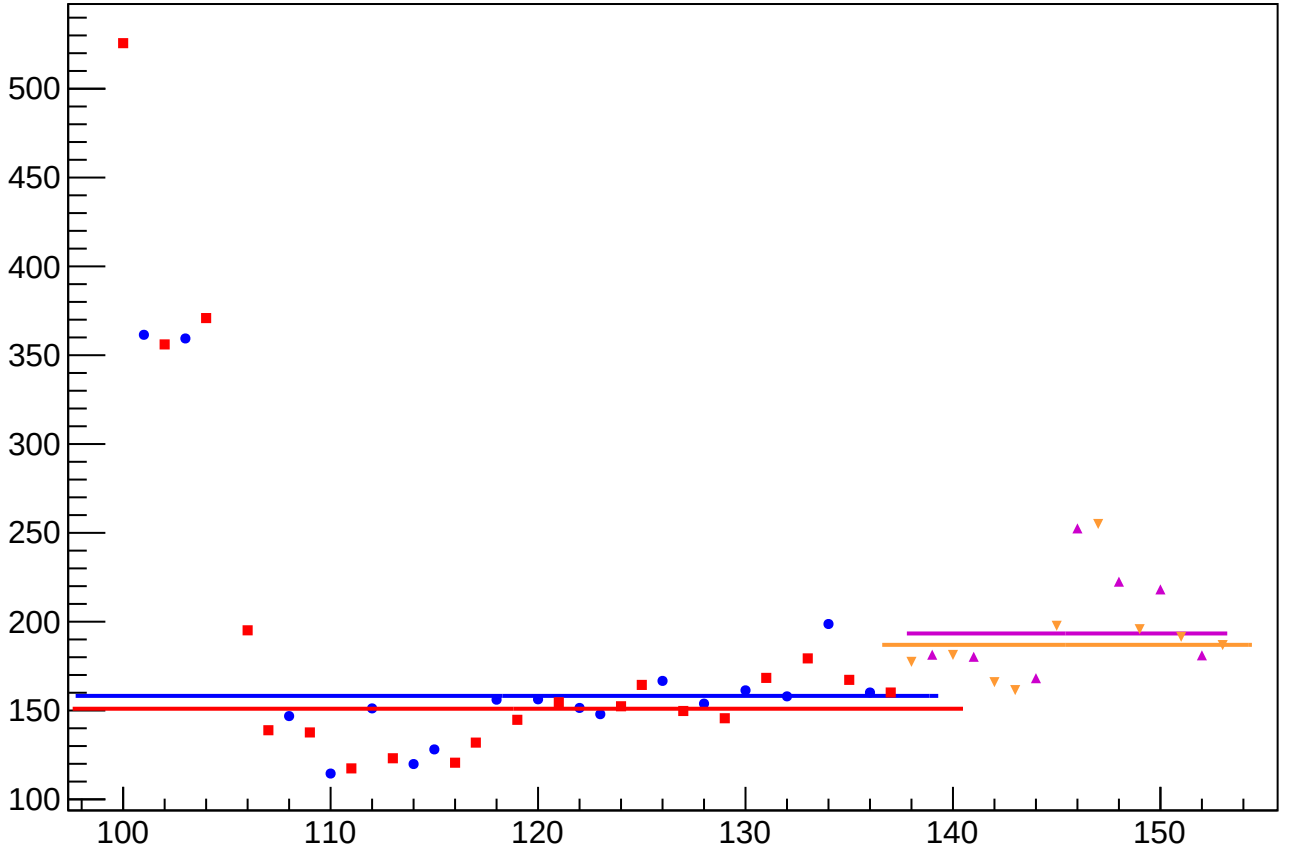
Right Out: 142840.509+/-0.060 χ^2/NDF: 852484333.4/19

Left In: 153208.024+/-0.083 χ^2/NDF:38791423.2/6

147107.943+/-0.049 χ^2/NDF: 10940734714.4/2

146426.720+/-0.049 χ^2/NDF: 11175482021.4/2

yield_bpm0i05WS_rms vs Slug



Right In: 158.233+/-0.046 χ^2/NDF: 883513.4/16

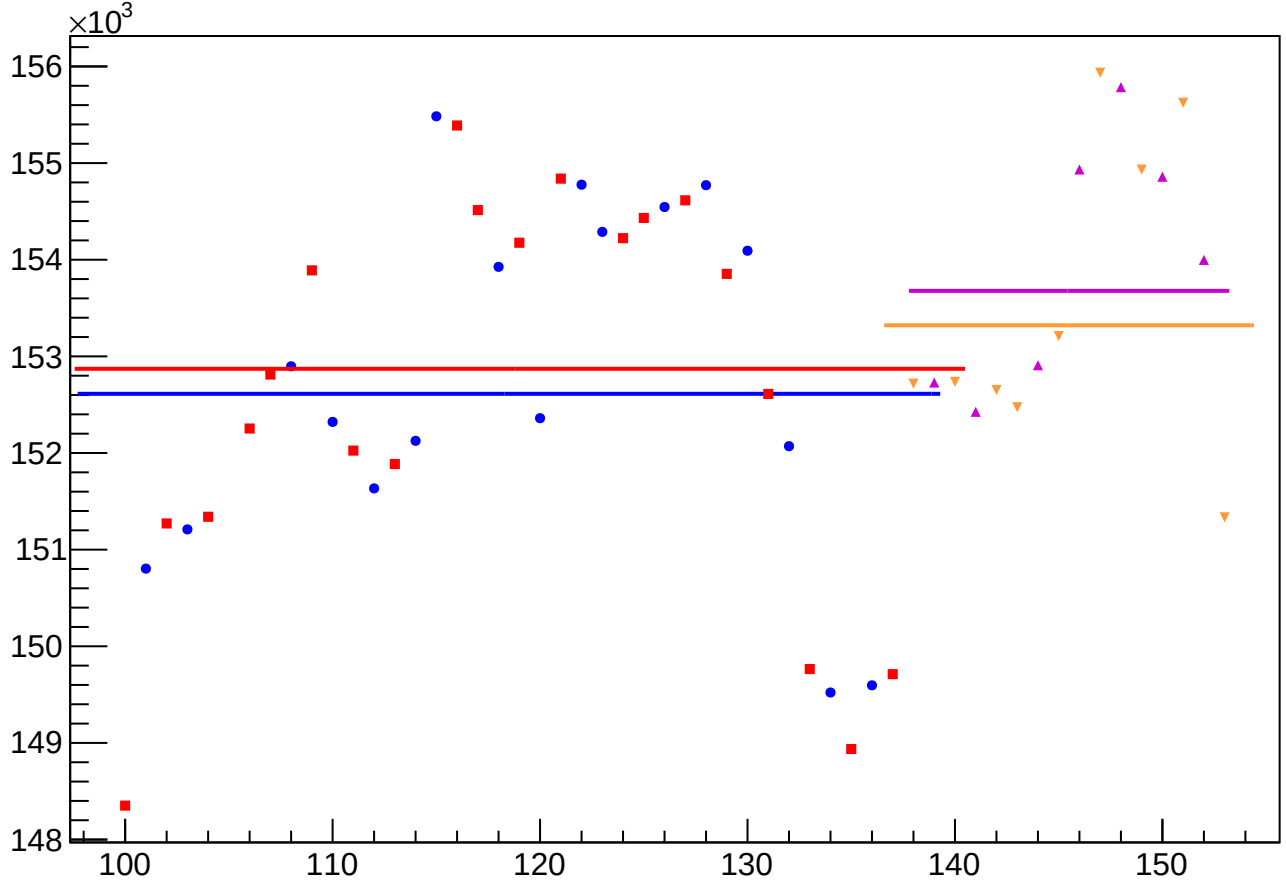
Left Out: 186.968+/-0.053 χ^2/NDF:169795.9/8

Right Out: 151.003+/-0.043 χ^2/NDF: 1005104.9/19

Left In: 193.367+/-0.058 χ^2/NDF:194564.0/6

170.590+/-0.035 χ^2/NDF: 1223157.2/25

165.657+/-0.034 χ^2/NDF: 1543109.4/26



Right In: 152612.586+/-0.072 χ^2/NDF: 621416187.4/16

Left Out: 153321.520+/-0.075 χ^2/NDF:360716345.9/8

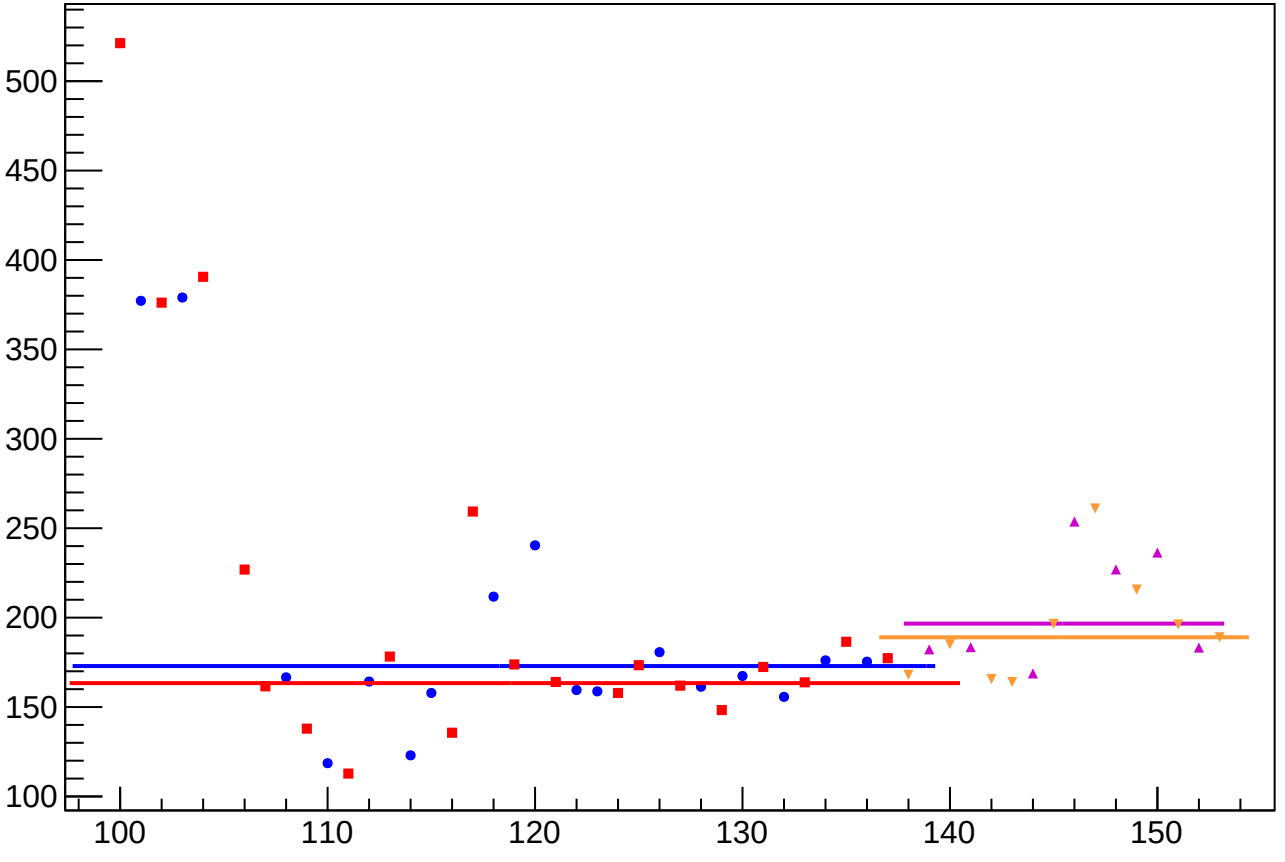
Right Out: 152871.618+/-0.066 χ^2/NDF: 720639345.6/19

Left In: 153677.943+/-0.084 χ^2/NDF:185396514.7/6

152953.189+/-0.052 χ^2/NDF: 1028497944.7/25

153179.865+/-0.052 χ^2/NDF: 962866130.0/26

yield_bpm0i07WS_rms vs Slug



Right In: 172.921+/-0.051 χ^2/NDF: 941954.0/16

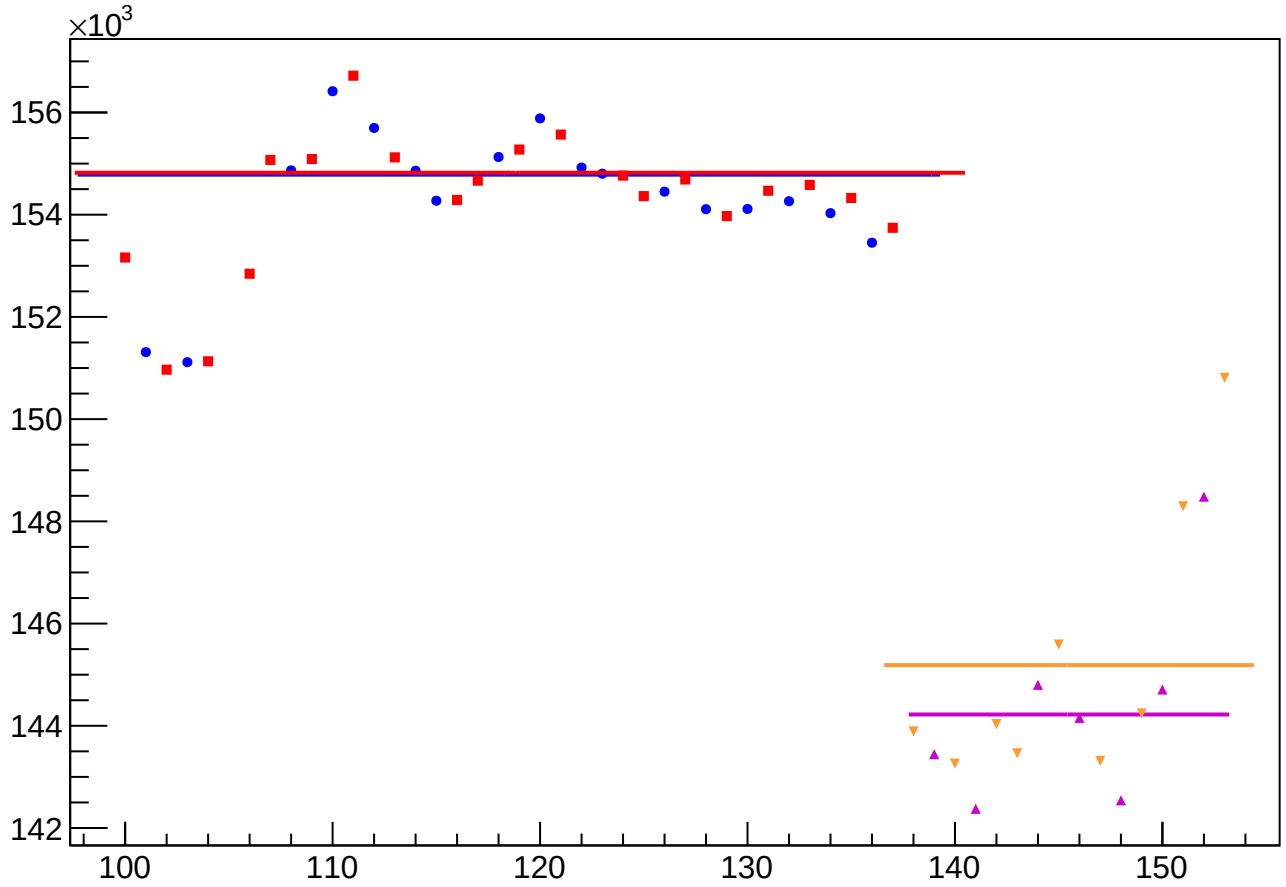
Left Out: 189.015+/-0.053 χ^2/NDF:216777.3/8

Right Out: 163.382+/-0.047 χ^2/NDF: 1044431.2/19

Left In: 196.655+/-0.059 χ^2/NDF:227483.0/6

180.653+/-0.037 χ^2/NDF: 1206519.7/25

176.102+/-0.037 χ^2/NDF: 1465464.4/26



Right In: 154783.944+/-0.065 χ^2/NDF: 265581398.0/16

Left Out: 145187.973+/-0.068 χ^2/NDF:1388801091.1/8

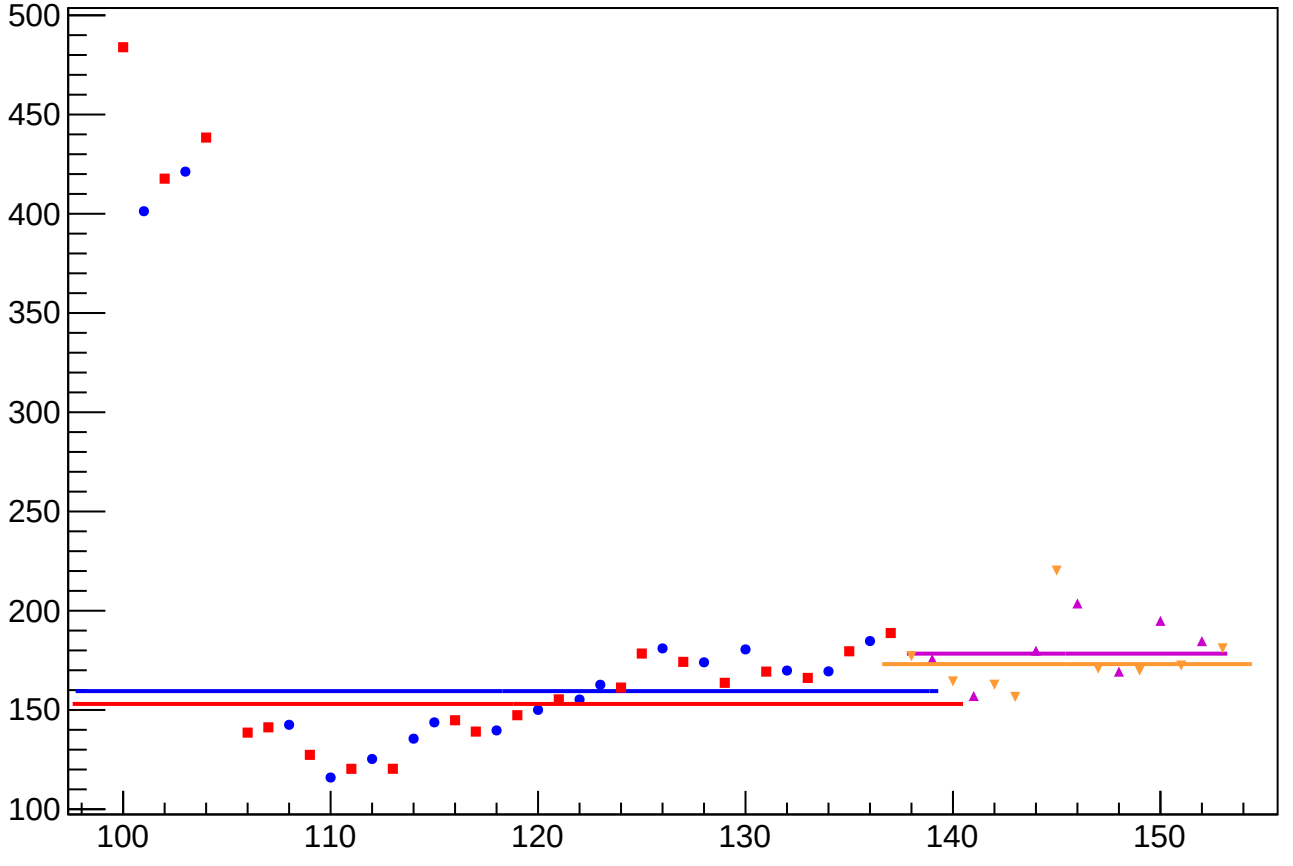
Right Out: 154820.824+/-0.061 χ^2/NDF: 293904936.4/19

Left In: 144221.170+/-0.075 χ^2/NDF:656817218.7/6

150189.921+/-0.047 χ^2/NDF: 11971354431.0/2

150662.416+/-0.047 χ^2/NDF: 12938887178.6/2

yield_bpm1i02WS_rms vs Slug



Right In: 159.504+/-0.046 χ^2/NDF: 1131844.5/16

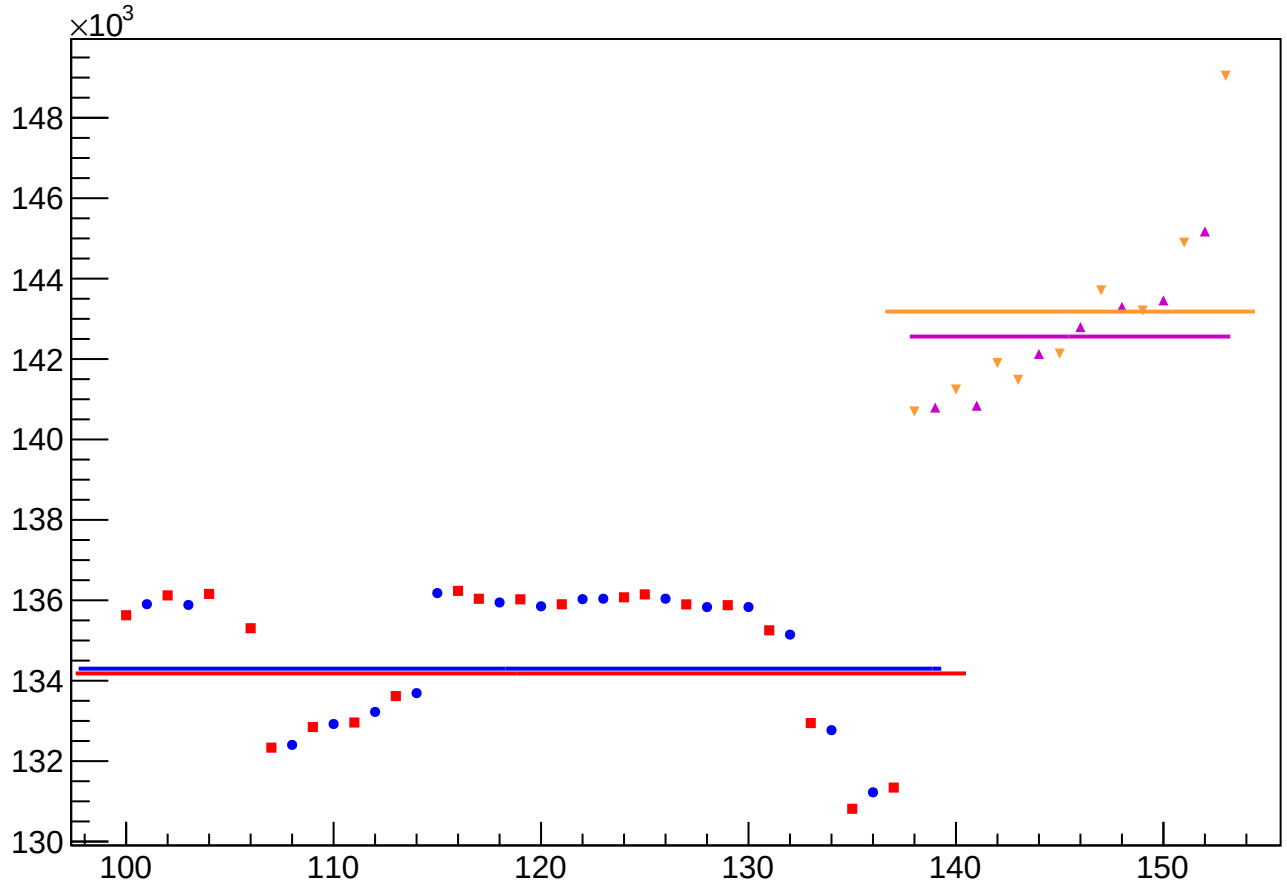
Left Out: 173.106+/-0.048 χ^2/NDF:97089.2/8

Right Out: 153.038+/-0.043 χ^2/NDF: 1174616.4/19

Left In: 178.384+/-0.053 χ^2/NDF:74403.3/6

166.016+/-0.033 χ^2/NDF: 1270396.0/25

162.982+/-0.033 χ^2/NDF: 1386118.2/26



Right In: 134300.025+/-0.050 χ^2/NDF: 1149581803.2/16

Left Out: 143180.585+/-0.067 χ^2/NDF:1330555892.4/8

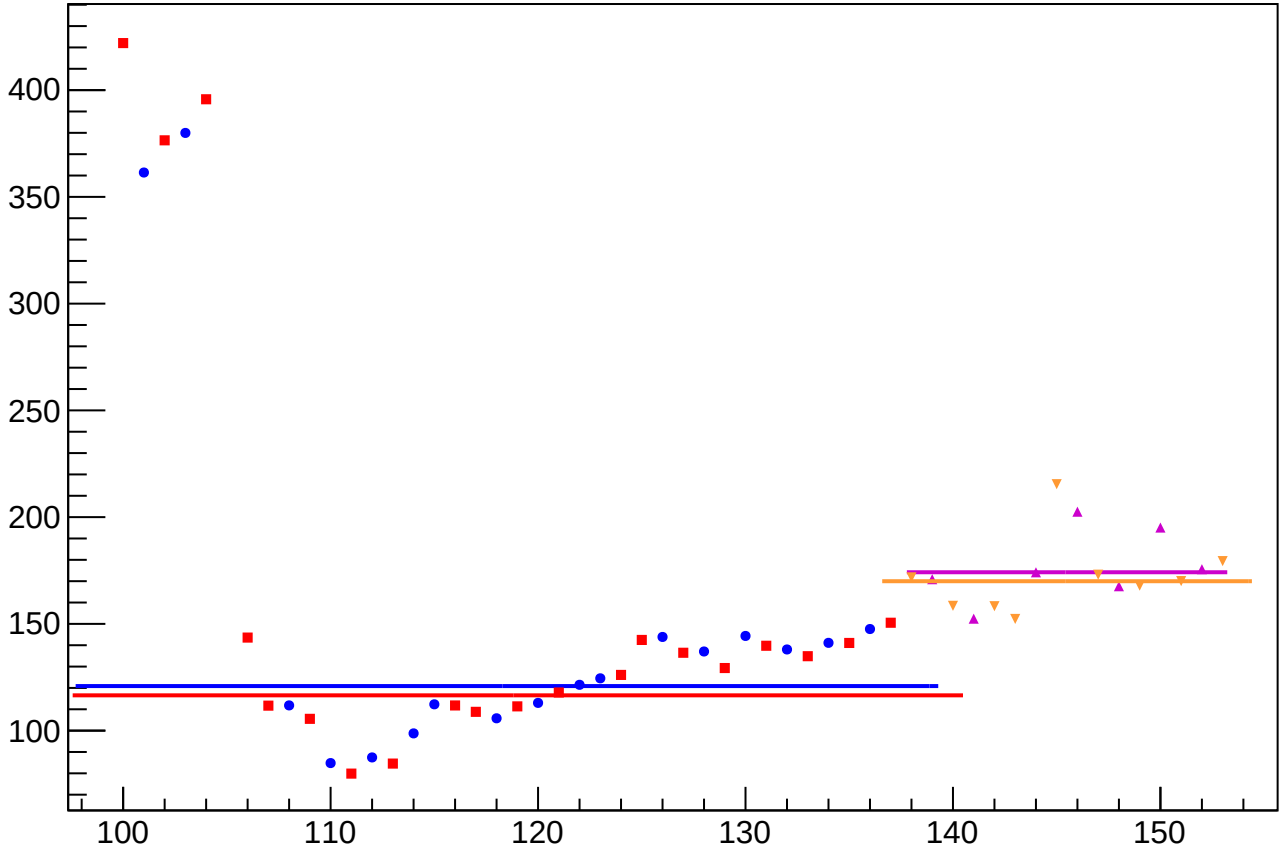
Right Out: 134180.888+/-0.047 χ^2/NDF: 1224202240.2/19

Left In: 142559.588+/-0.074 χ^2/NDF:399380305.4/6

137500.557+/-0.040 χ^2/NDF: 13695109453.5/2

136610.745+/-0.040 χ^2/NDF: 10762210542.5/2

yield_bpm1i04WS_rms vs Slug



Right In: 120.872+/-0.036 χ^2/NDF: 1463728.4/16

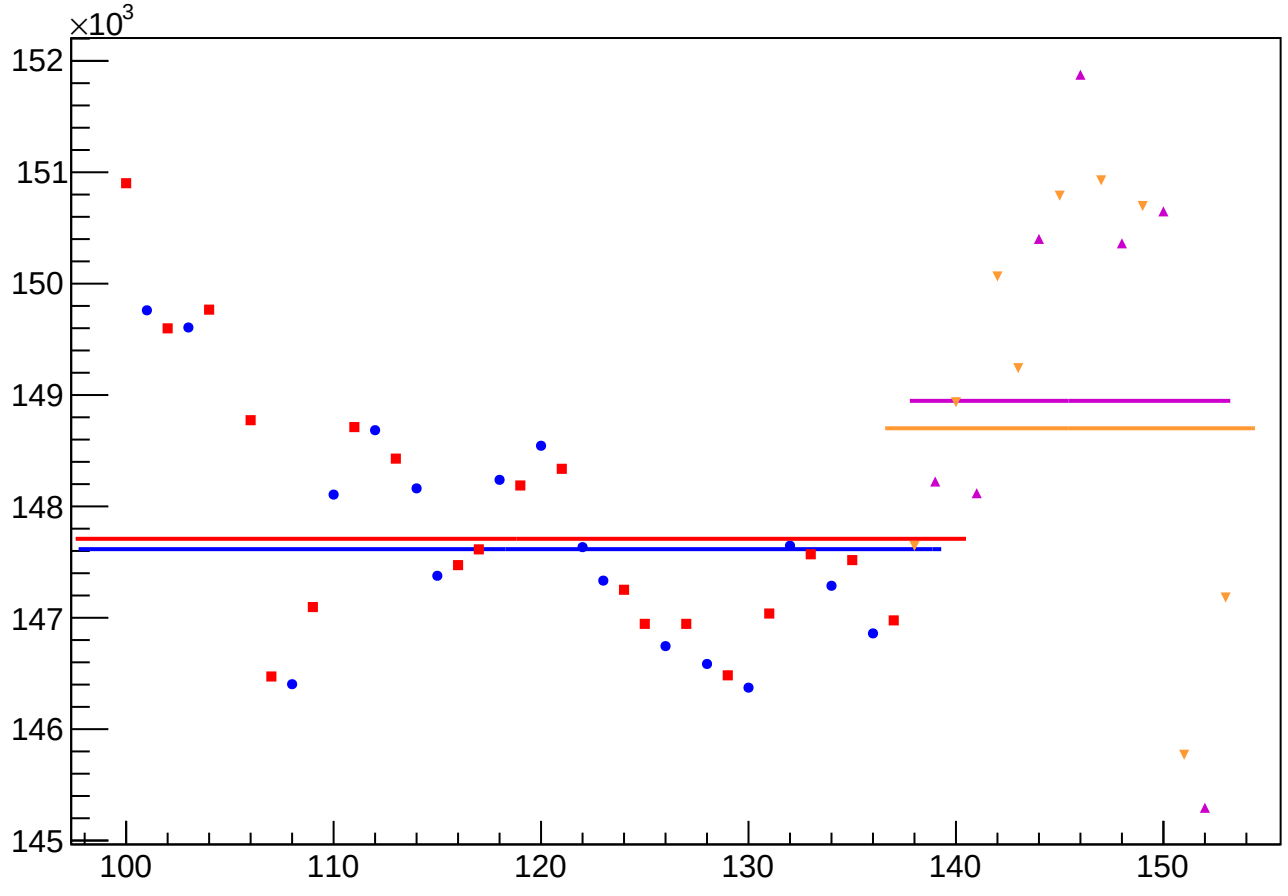
Left Out: 169.983+/-0.047 χ^2/NDF:103673.3/8

Right Out: 116.531+/-0.033 χ^2/NDF: 1541779.4/19

Left In: 174.184+/-0.052 χ^2/NDF:87289.1/6

138.572+/-0.028 χ^2/NDF: 2253355.2/25

133.251+/-0.028 χ^2/NDF: 2494430.7/26



Right In: 147616.150+/-0.062 χ^2/NDF: 199263428.7/16

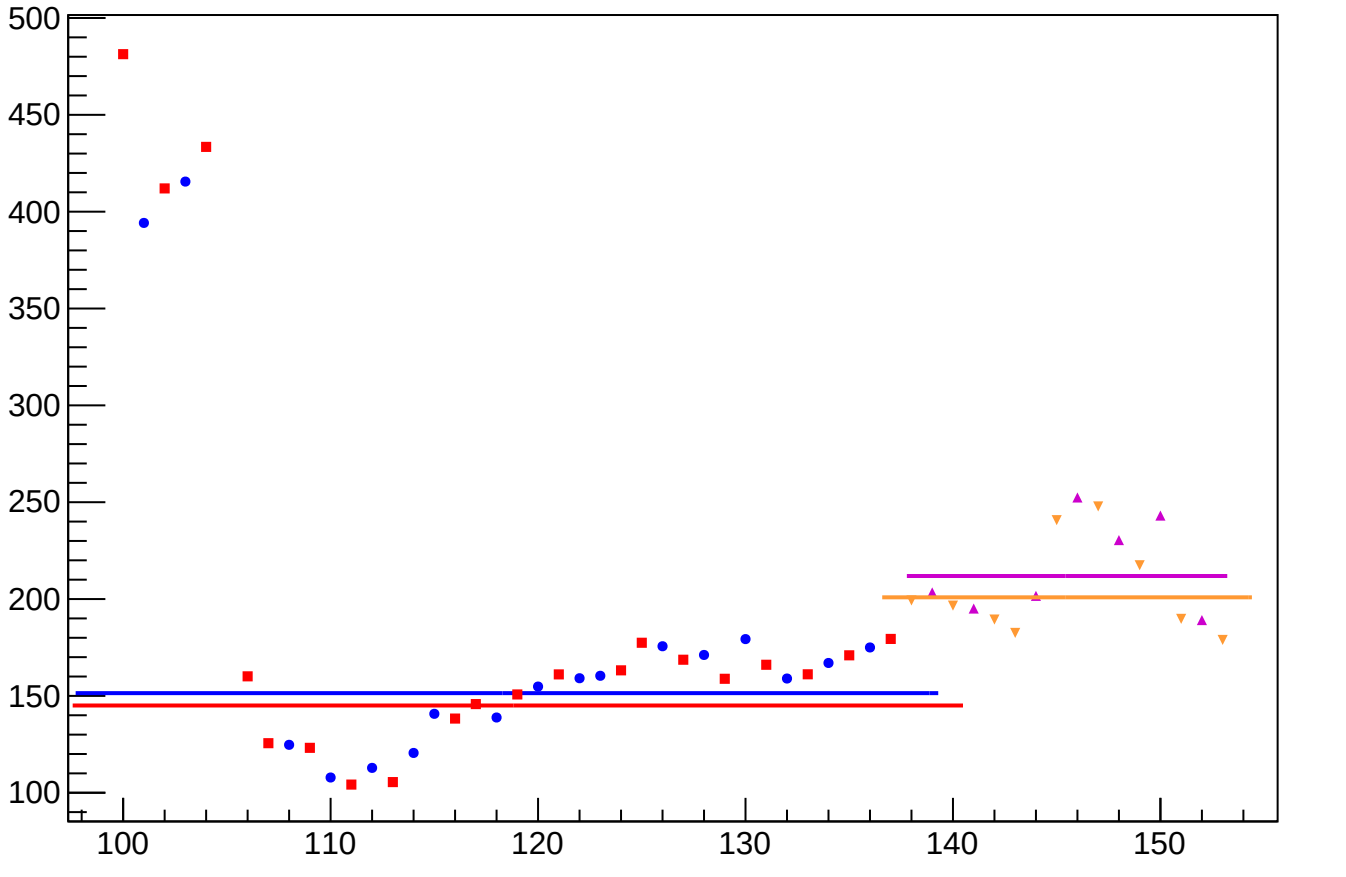
Left Out: 148701.458+/-0.079 χ^2/NDF:480589121.8/8

Right Out: 147709.096+/-0.058 χ^2/NDF: 203924272.1/19

Left In: 148947.806+/-0.090 χ^2/NDF:548539850.3/6

148031.235+/-0.049 χ^2/NDF: 795240195.7/25

148074.546+/-0.049 χ^2/NDF: 886410722.9/26



Right In: 151.424+/-0.044 χ^2/NDF: 1257843.0/16

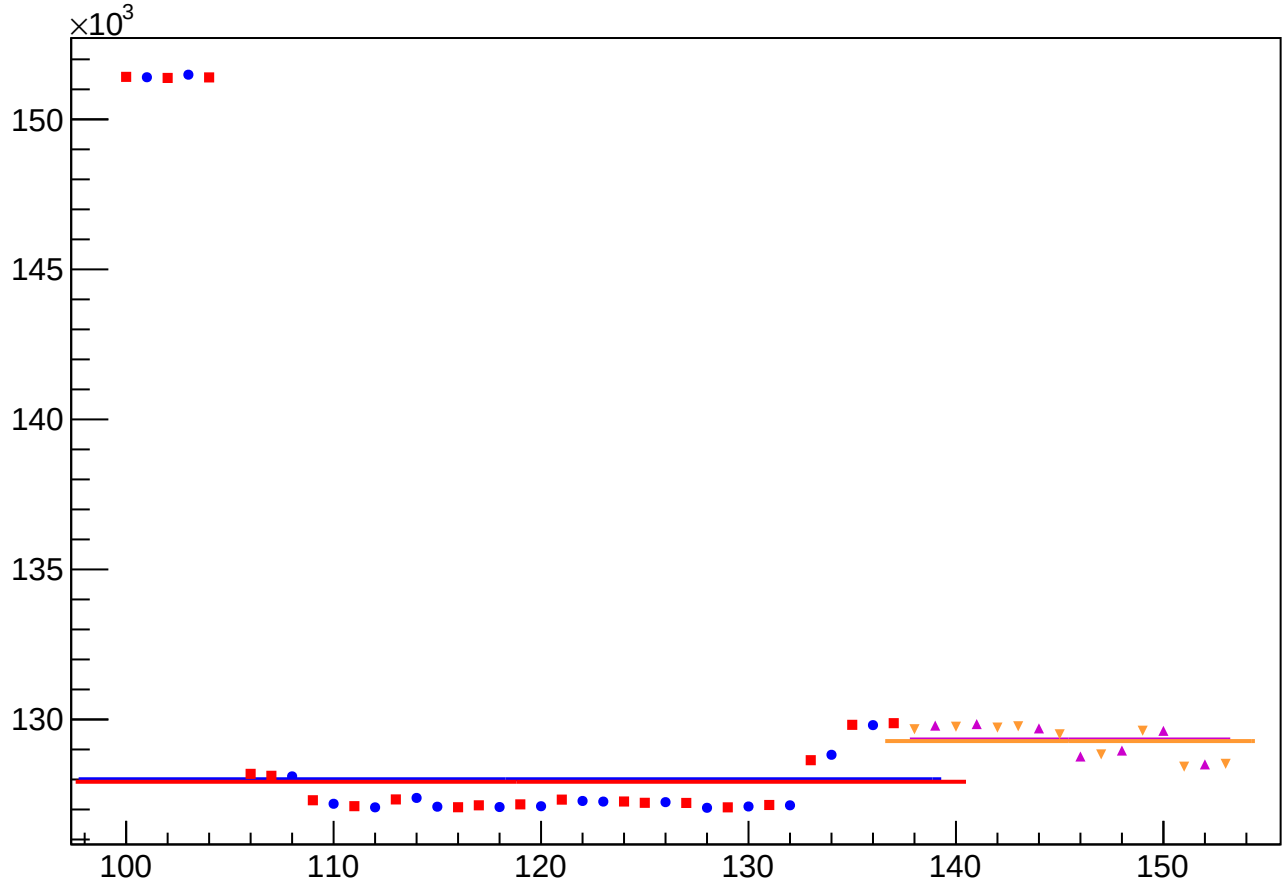
Left Out: 200.889+/-0.056 χ^2/NDF:153461.9/8

Right Out: 145.044+/-0.041 χ^2/NDF: 1375974.1/19

Left In: 211.898+/-0.064 χ^2/NDF:122014.8/6

170.342+/-0.035 χ^2/NDF: 1890680.1/25

164.768+/-0.035 χ^2/NDF: 2278315.4/26



Right In: 128007.364+/-0.054 χ^2/NDF: 4319785674.5/16

Left Out: 129280.006+/-0.066 χ^2/NDF:66734427.7/8

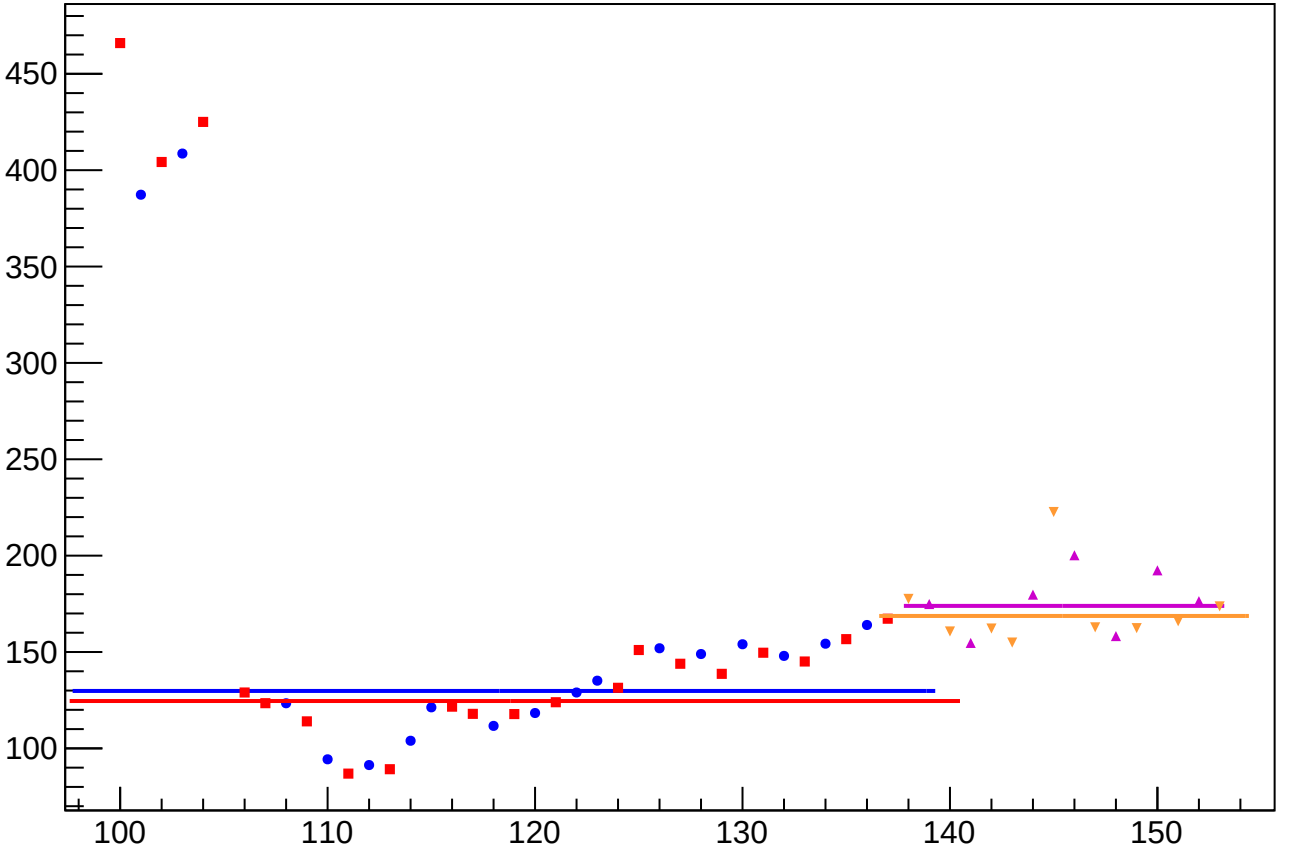
Right Out: 127923.940+/-0.050 χ^2/NDF: 3770107280.1/19

Left In: 129332.710+/-0.074 χ^2/NDF:48149727.0/6

128514.749+/-0.042 χ^2/NDF: 4606949531.2/25

128370.558+/-0.041 χ^2/NDF: 4068091677.1/26

yield_bpm2i01WS_rms vs Slug



Right In: 129.796+/-0.038 χ^2/NDF: 1485294.2/16

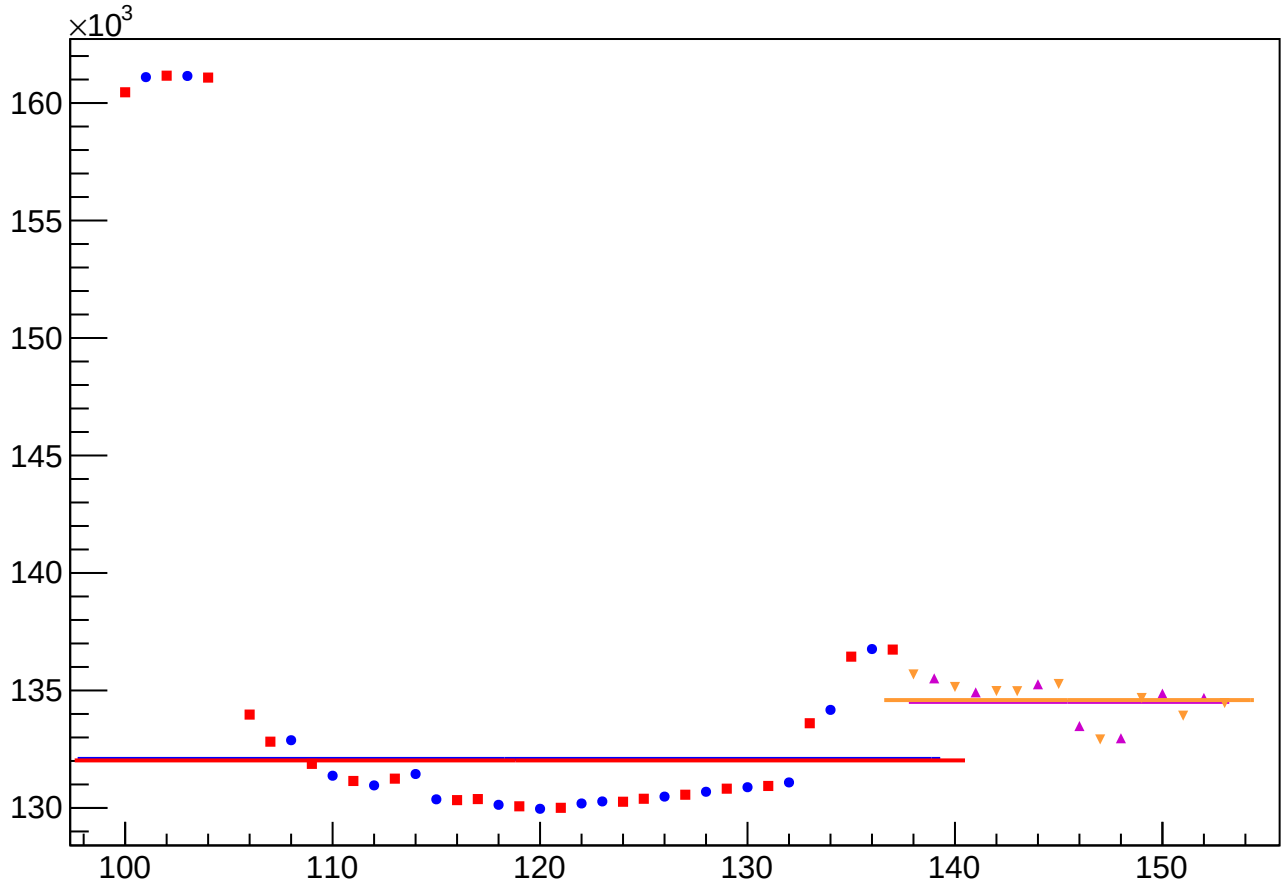
Left Out: 168.709+/-0.047 χ^2/NDF:115241.7/8

Right Out: 124.572+/-0.035 χ^2/NDF: 1532105.0/19

Left In: 173.930+/-0.052 χ^2/NDF:86354.6/6

145.310+/-0.030 χ^2/NDF: 2012694.9/25

140.220+/-0.029 χ^2/NDF: 2231833.2/26



Right In: 132086.794+/-0.057 χ^2/NDF: 6733230928.7/16

Left Out: 134590.496+/-0.069 χ^2/NDF:134097317.6/8

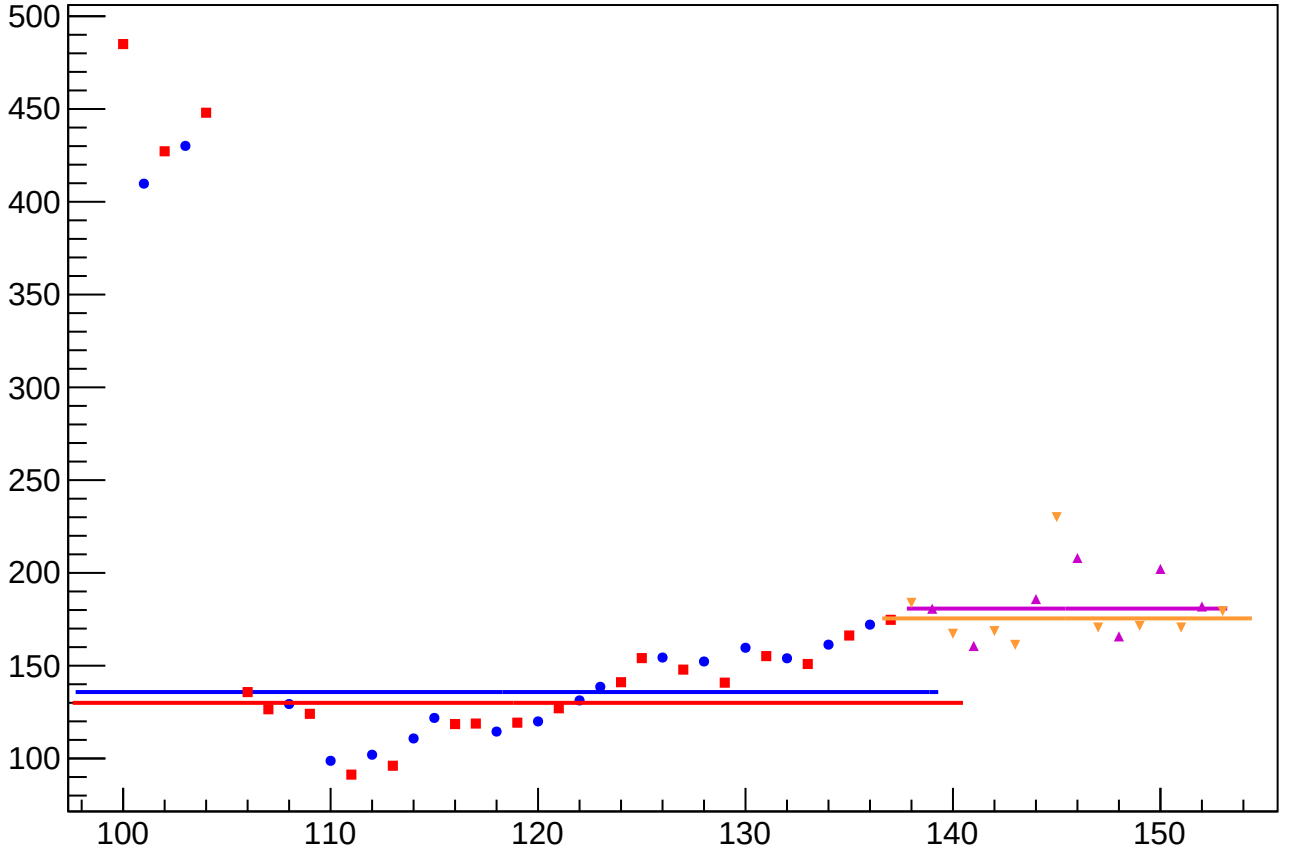
Right Out: 132023.609+/-0.052 χ^2/NDF: 5890492527.2/19

Left In: 134514.496+/-0.077 χ^2/NDF:132207105.9/6

133090.246+/-0.044 χ^2/NDF: 7653640813.8/25

132816.283+/-0.043 χ^2/NDF: 6744308051.7/26

yield_bpm2i02WS_rms vs Slug



Right In: 135.796+/-0.040 χ^2/NDF: 1441904.9/16

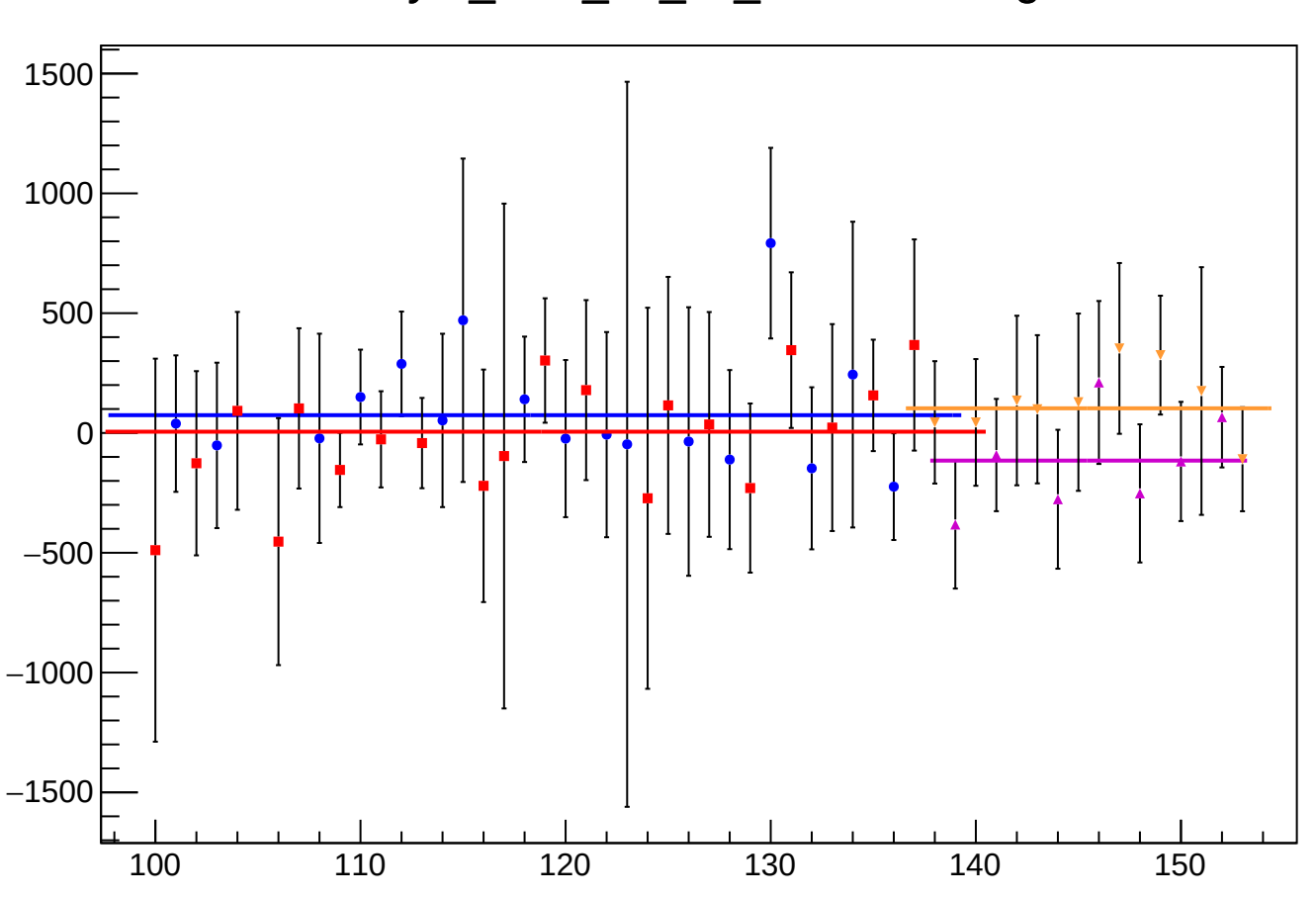
Left Out: 175.480+/-0.049 χ^2/NDF:108740.6/8

Right Out: 129.975+/-0.037 χ^2/NDF: 1504768.0/19

Left In: 180.772+/-0.054 χ^2/NDF:86852.8/6

151.701+/-0.031 χ^2/NDF: 1945717.9/25

146.140+/-0.031 χ^2/NDF: 2191829.7/26



Right In: 74.294+/-79.018 χ^2/NDF: 7.7/16

Left Out: 102.919+/-97.835 χ^2/NDF:2.4/8

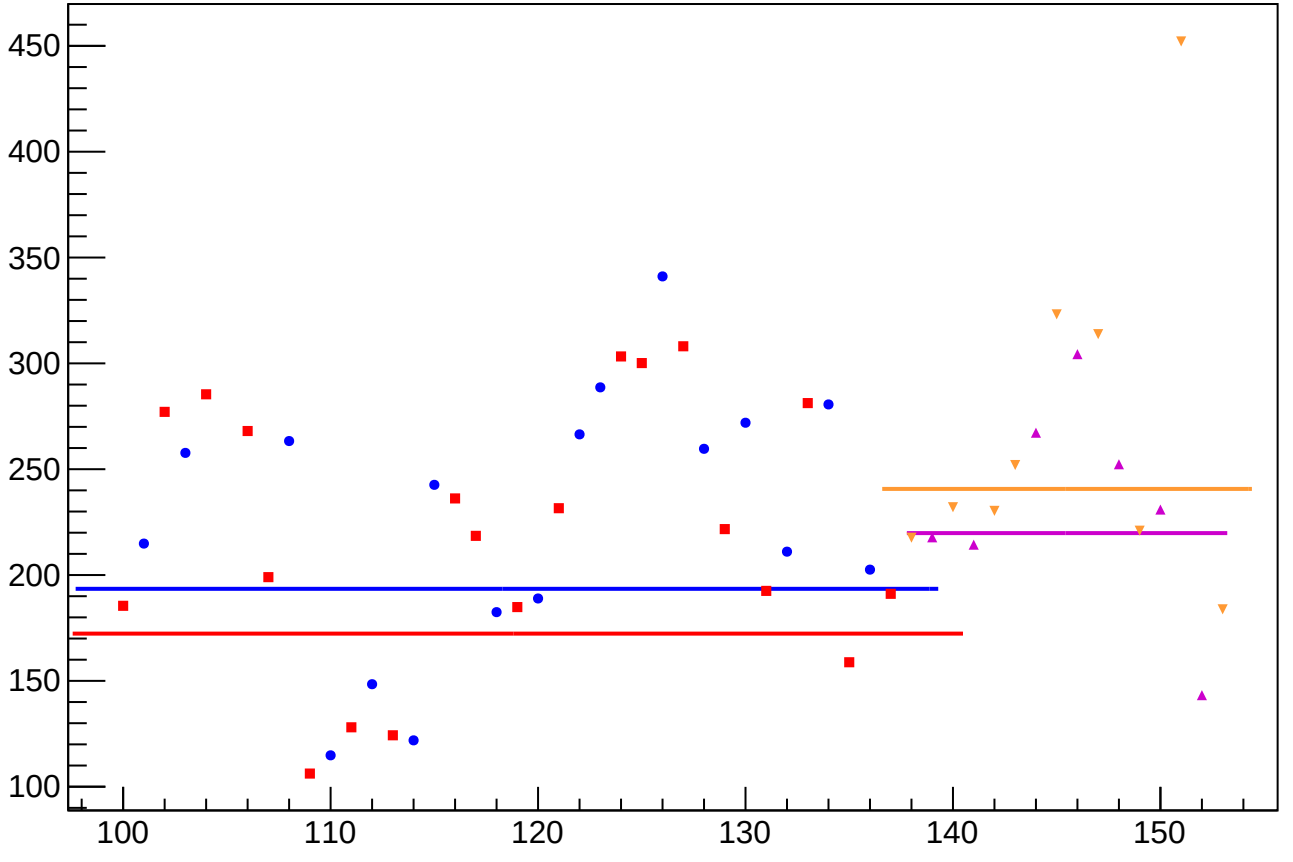
Right Out: 5.290+/-69.914 χ^2/NDF: 7.1/19

Left In: -115.309+/-98.217 χ^2/NDF:3.2/6

85.595+/-61.472 χ^2/NDF: 10.1/25

-35.268+/-56.958 χ^2/NDF: 11.3/26

asym_bcm_an_ds_rms vs Slug



Right In: 193.488+/-0.056 χ^2/NDF: 1017195.7/16

Left Out: 240.689+/-0.069 χ^2/NDF:690957.5/8

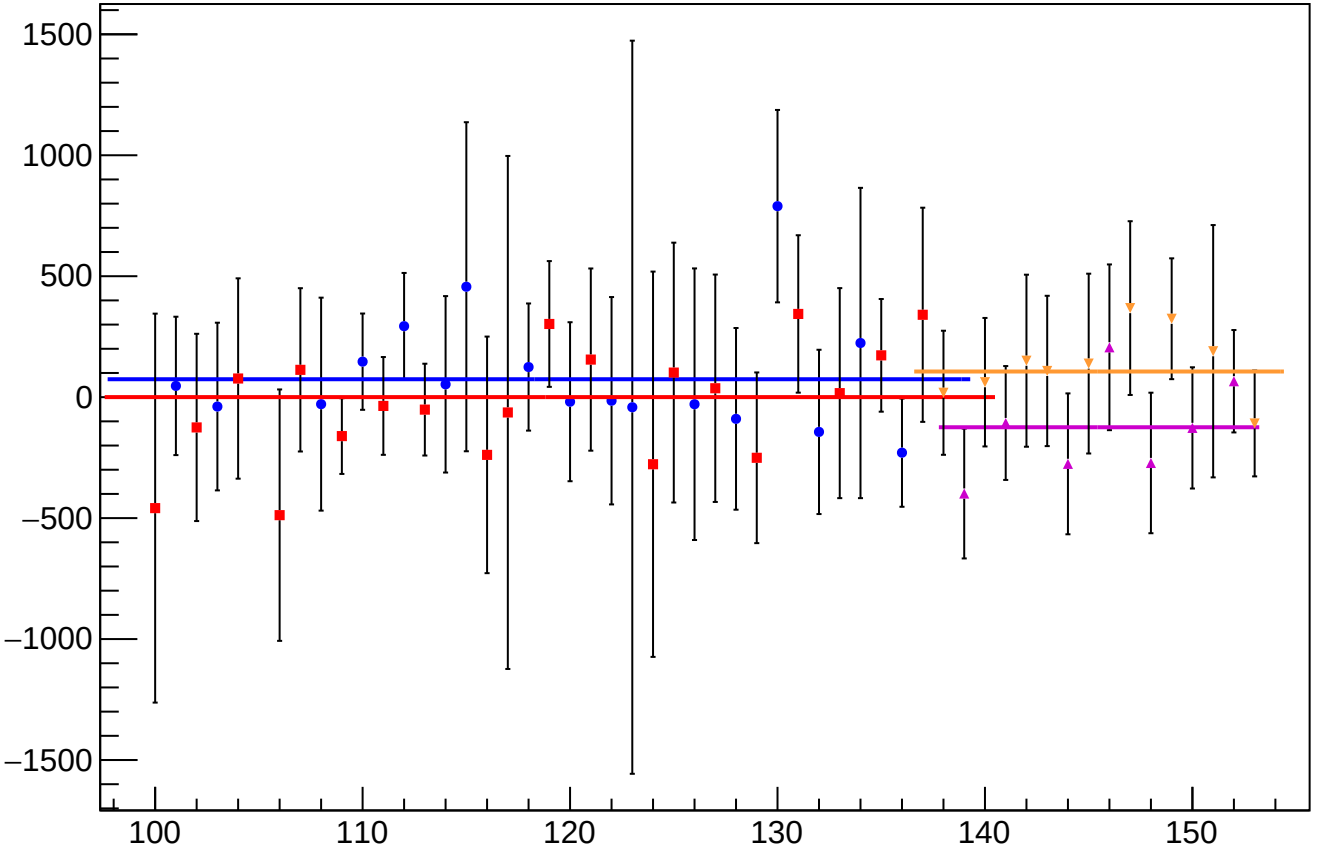
Right Out: 172.327+/-0.049 χ^2/NDF: 1583701.4/19

Left In: 219.812+/-0.069 χ^2/NDF:474224.9/6

212.122+/-0.043 χ^2/NDF: 1989889.9/25

188.296+/-0.040 χ^2/NDF: 2368201.0/26

asym_bcm_an_ds3_mean vs Slug



Right In: 74.098+/-79.404 χ^2/NDF: 7.6/16

Left Out: 106.057+/-98.415 χ^2/NDF:2.5/8

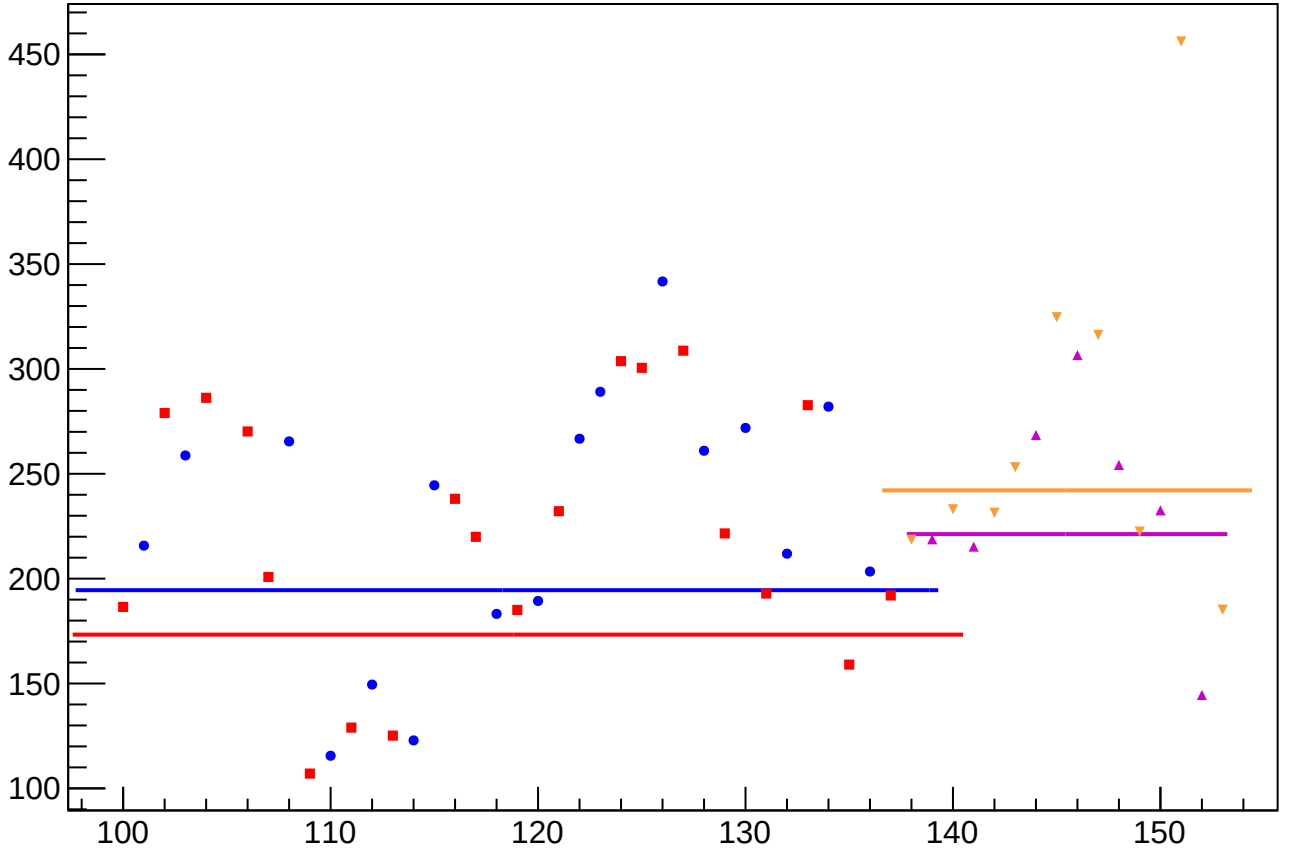
Right Out: 0.223+/-70.282 χ^2/NDF: 7.3/19

Left In: -124.373+/-98.848 χ^2/NDF:3.3/6

86.699+/-61.797 χ^2/NDF: 10.1/25

-41.614+/-57.279 χ^2/NDF: 11.7/26

asym_bcm_an_ds3_rms vs Slug



Right In: 194.496+/-0.056 χ^2/NDF: 1008514.7/16

Left Out: 242.099+/-0.070 χ^2/NDF:692014.6/8

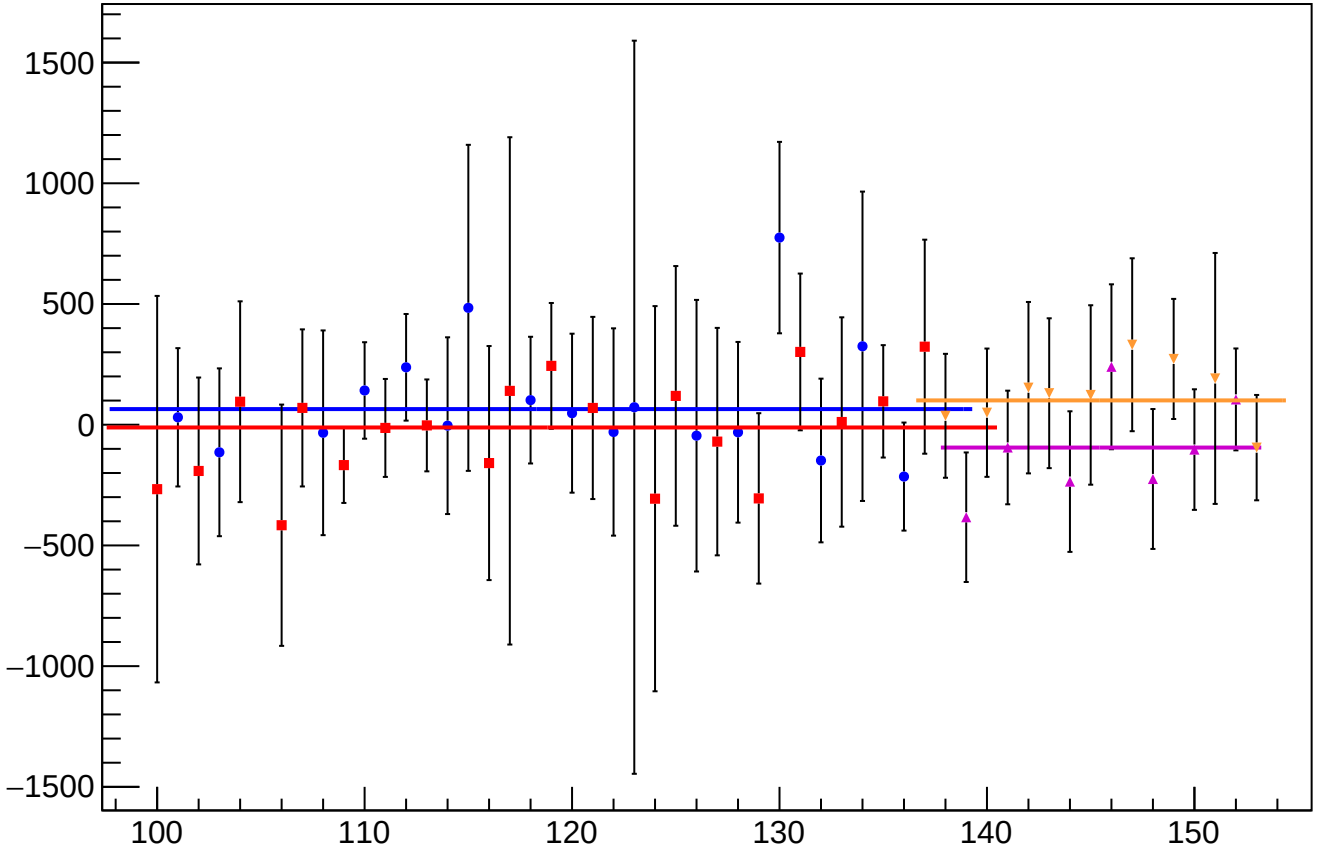
Right Out: 173.317+/-0.050 χ^2/NDF: 1571258.4/19

Left In: 221.254+/-0.070 χ^2/NDF:470932.4/6

213.266+/-0.044 χ^2/NDF: 1983948.8/25

189.413+/-0.041 χ^2/NDF: 2354613.5/26

asym_bcm_an_us_mean vs Slug



Right In: 64.733+/-79.399 χ^2/NDF: 7.0/16

Left Out: 100.715+/-98.259 χ^2/NDF:1.9/8

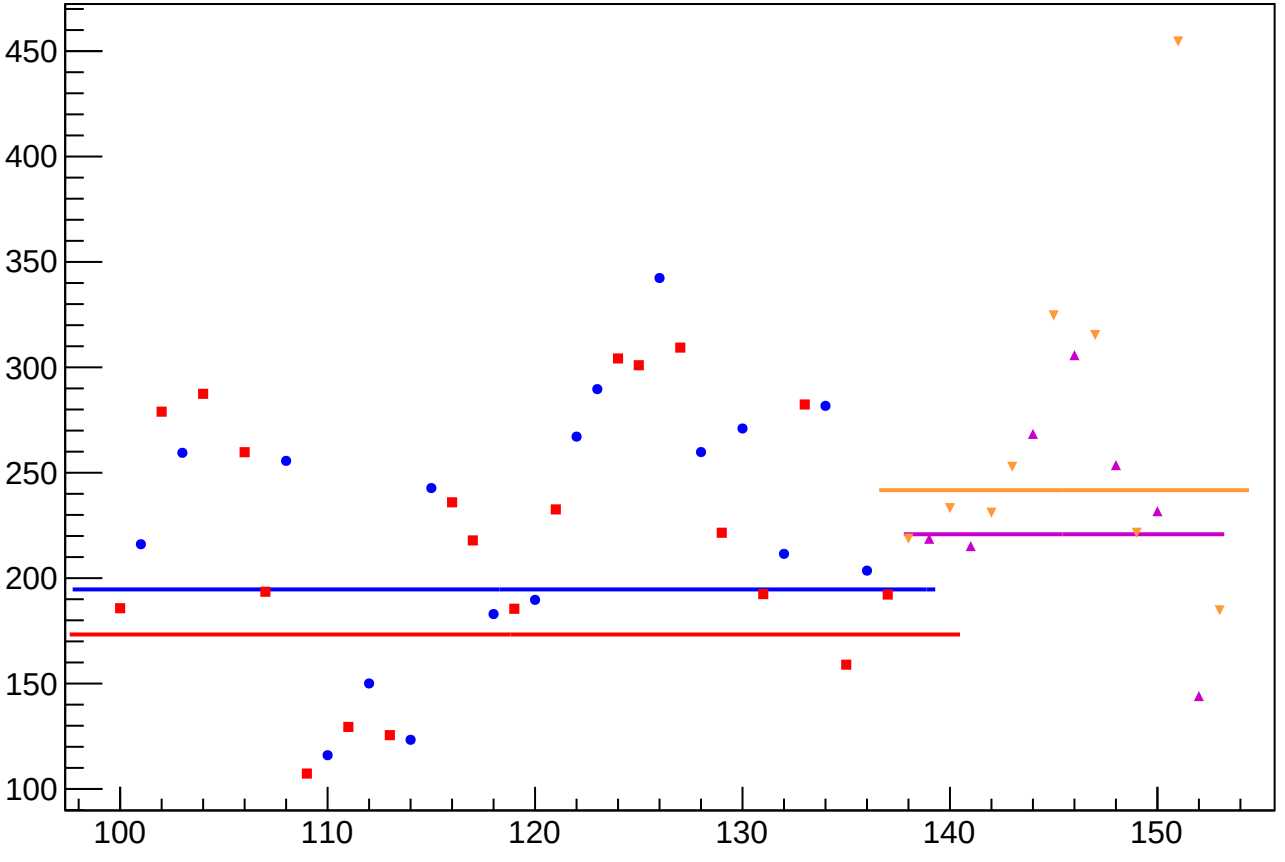
Right Out: -11.414+/-70.204 χ^2/NDF: 5.8/19

Left In: -94.646+/-98.663 χ^2/NDF:3.4/6

78.947+/-61.757 χ^2/NDF: 9.0/25

-39.390+/-57.201 χ^2/NDF: 9.8/26

asym_bcm_an_us_rms vs Slug



Right In: 194.652+/-0.056 χ^2/NDF: 986798.9/16

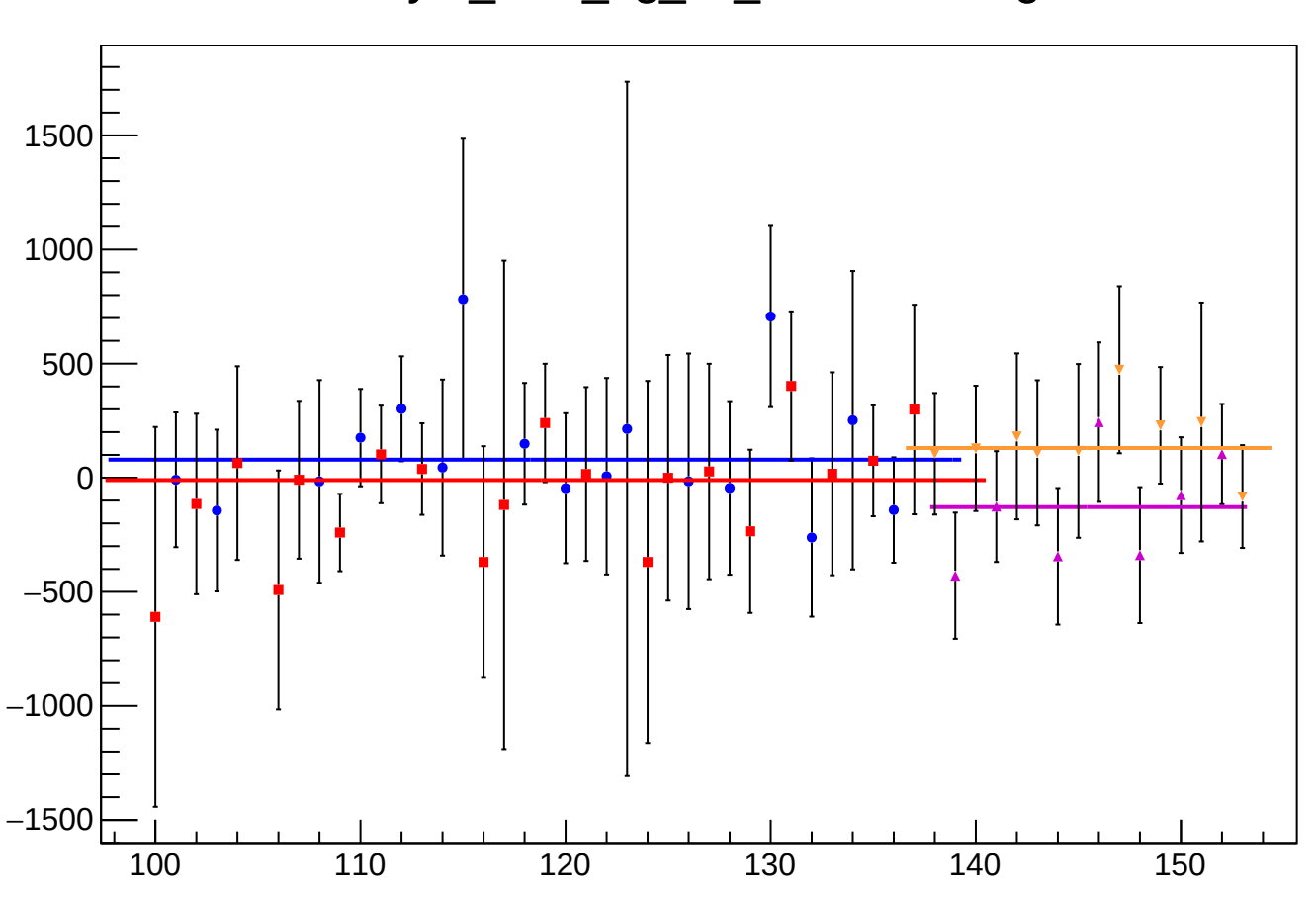
Left Out: 241.723+/-0.069 χ^2/NDF:691808.6/8

Right Out: 173.289+/-0.050 χ^2/NDF: 1548162.6/19

Left In: 220.828+/-0.070 χ^2/NDF:472631.2/6

213.246+/-0.044 χ^2/NDF: 1956283.1/25

189.268+/-0.040 χ^2/NDF: 2329054.2/26



Right In: 79.128+/-81.874 χ^2/NDF: 7.5/16

Left Out: 130.413+/-101.062 χ^2/NDF:2.0/8

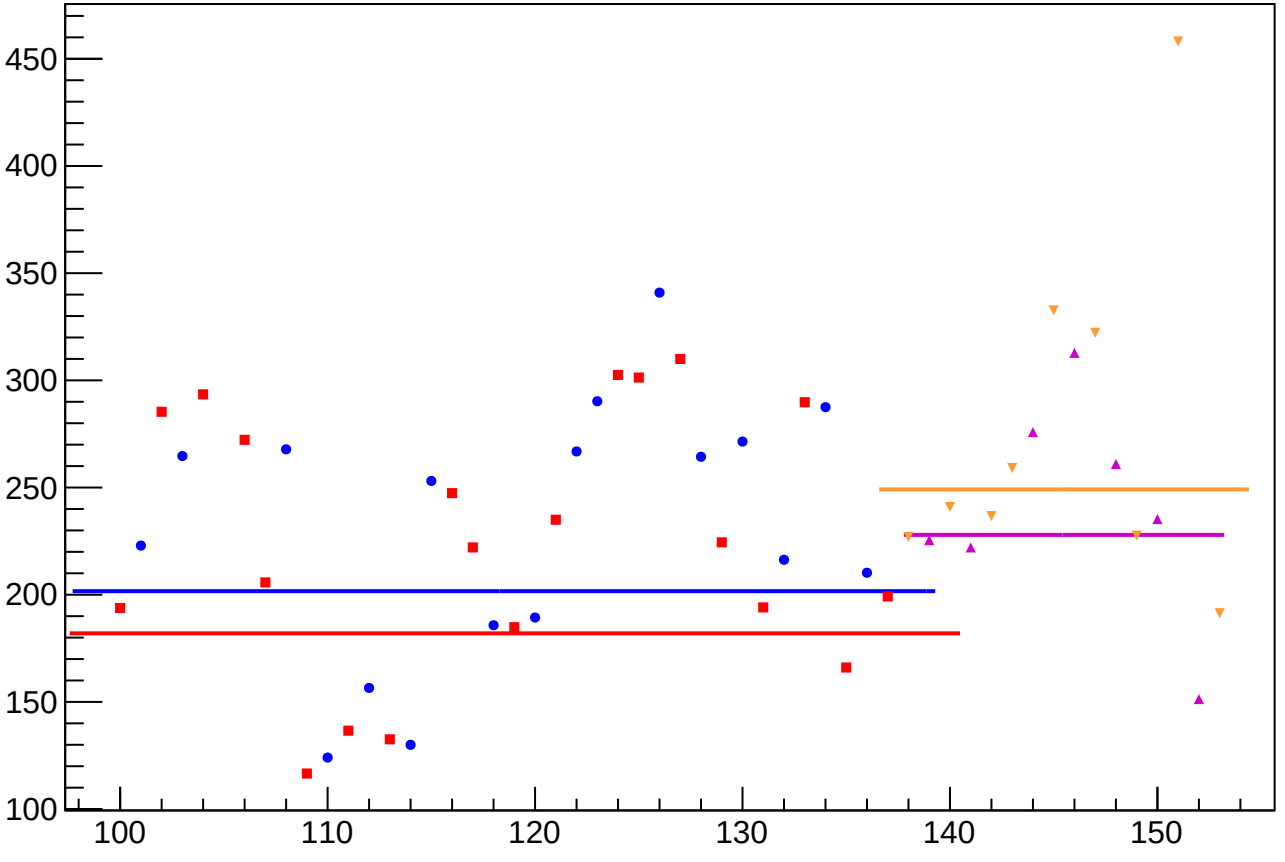
Right Out: -10.491+/-73.139 χ^2/NDF: 7.9/19

Left In: -128.578+/-101.531 χ^2/NDF:4.5/6

99.450+/-63.617 χ^2/NDF: 9.7/25

-50.834+/-59.344 χ^2/NDF: 13.3/26

asym_bcm_dg_us_rms vs Slug



Right In: 201.654+/-0.058 χ^2/NDF: 883179.7/16

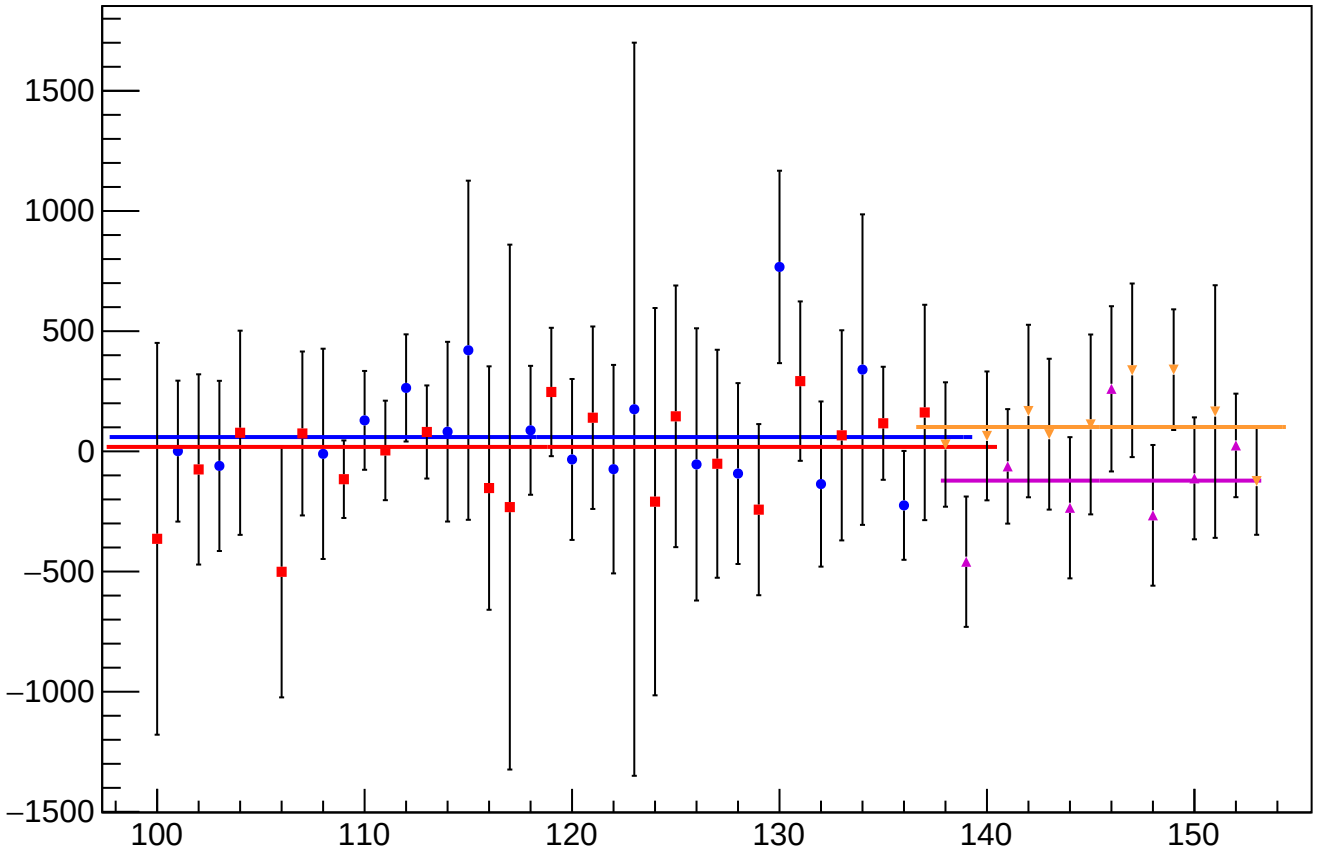
Left Out: 249.125+/-0.071 χ^2/NDF:660499.2/8

Right Out: 181.986+/-0.052 χ^2/NDF: 1380269.0/19

Left In: 227.916+/-0.072 χ^2/NDF:440607.4/6

220.464+/-0.045 χ^2/NDF: 1810088.2/25

197.677+/-0.042 χ^2/NDF: 2090340.1/26



Right In: 59.496+/-80.808 χ^2/NDF: 7.0/16

Left Out: 101.368+/-99.451 χ^2/NDF:2.5/8

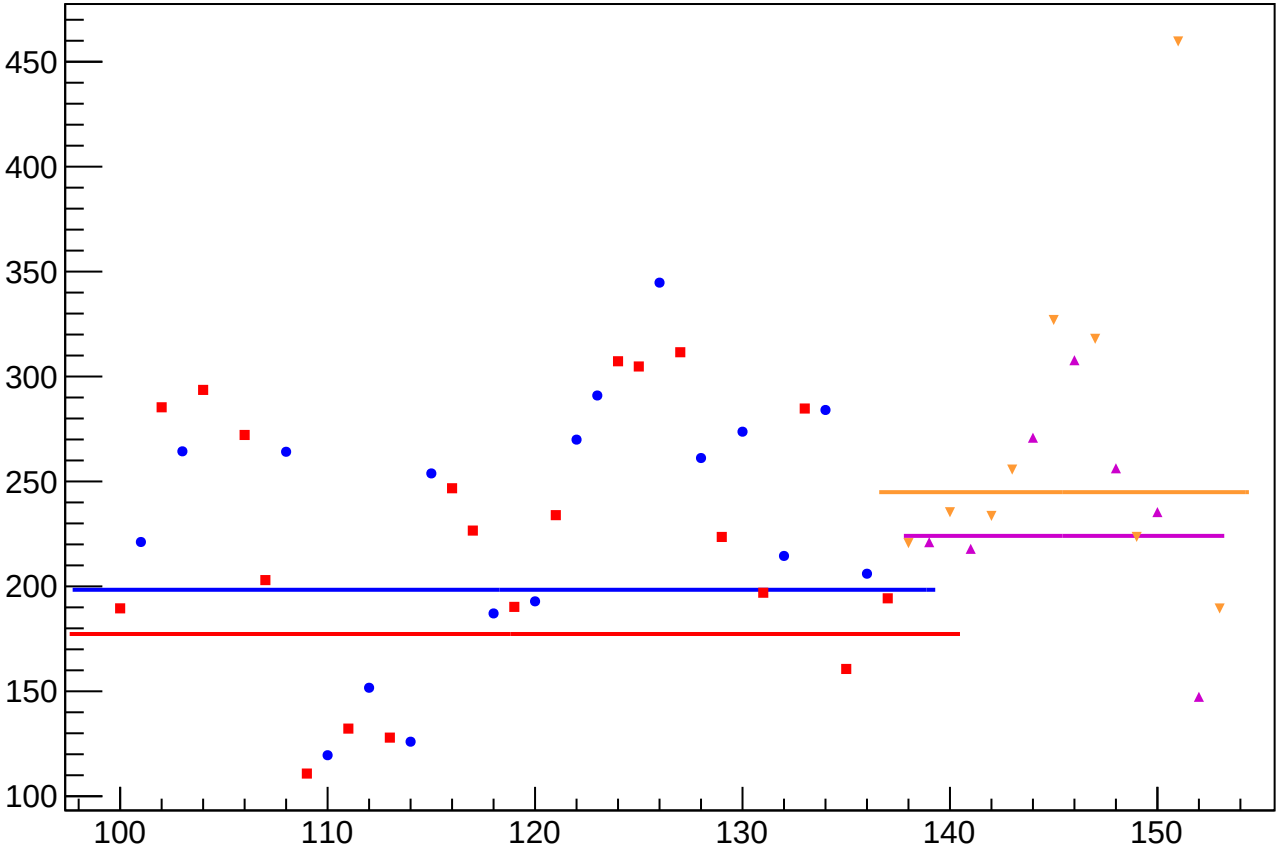
Right Out: 18.457+/-71.711 χ^2/NDF: 4.8/19

Left In: -121.744+/-99.976 χ^2/NDF:3.7/6

76.147+/-62.715 χ^2/NDF: 9.6/25

-29.171+/-58.271 χ^2/NDF: 9.8/26

asym_bcm_dg_ds_rms vs Slug



Right In: 198.378+/-0.057 χ^2/NDF: 963672.6/16

Left Out: 244.897+/-0.070 χ^2/NDF:674180.6/8

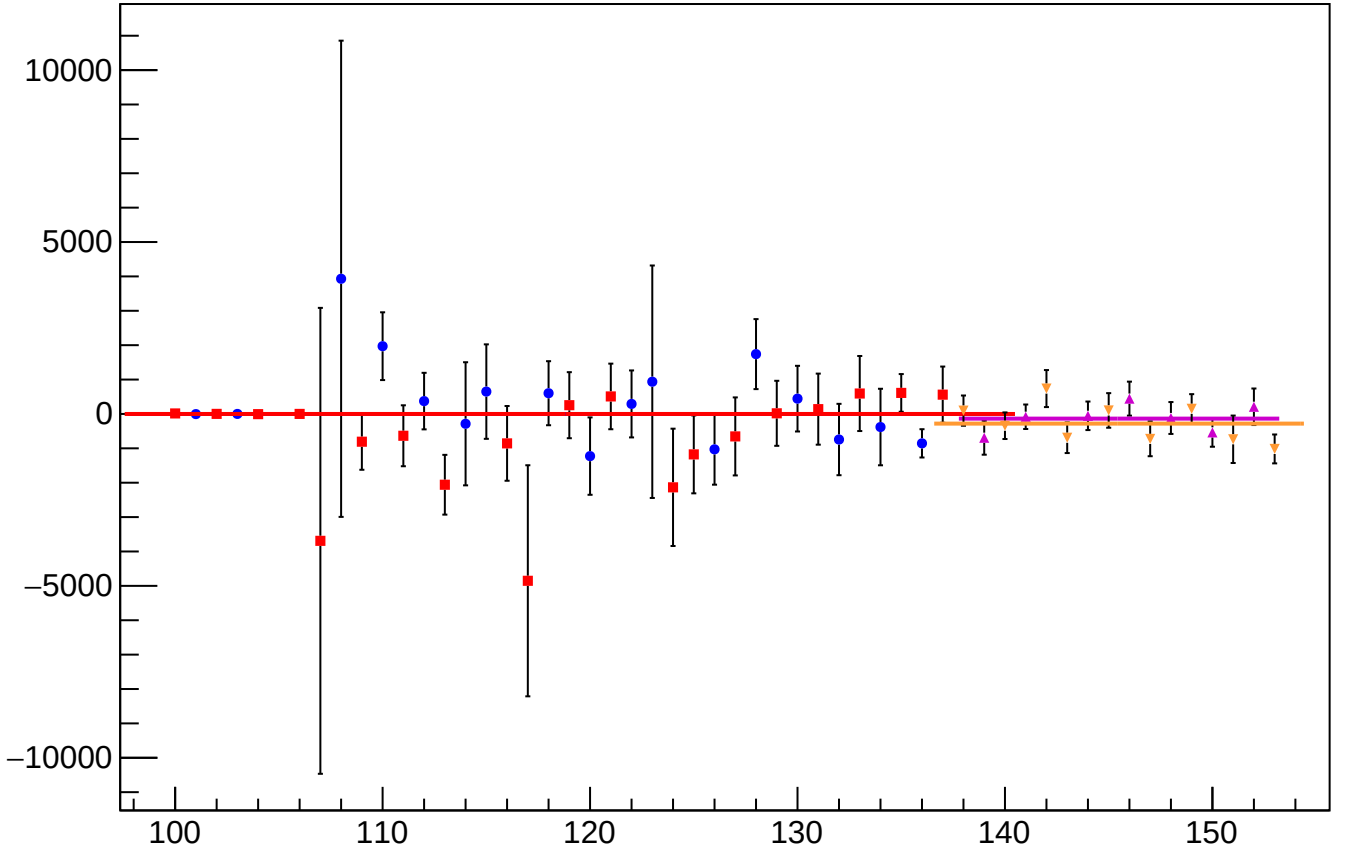
Right Out: 177.309+/-0.051 χ^2/NDF: 1528855.2/19

Left In: 224.064+/-0.071 χ^2/NDF:452618.9/6

216.878+/-0.044 χ^2/NDF: 1901427.6/25

193.193+/-0.041 χ^2/NDF: 2270294.2/26

asym_cav4bQ_mean vs Slug



Right In: -1.529+/-2.251 χ^2/NDF: 17.0/16

Left Out: -281.235+/-155.162 χ^2/NDF:11.1/8

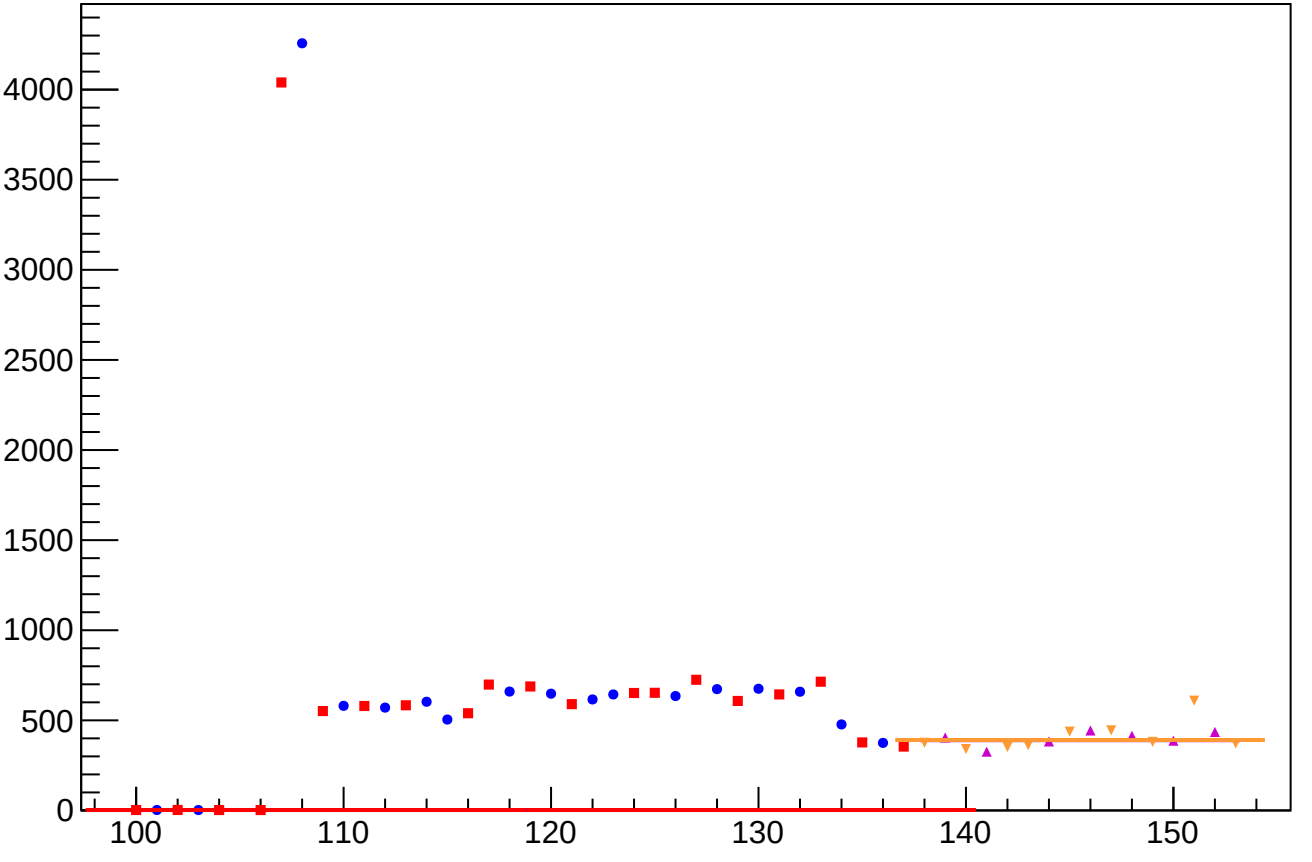
Right Out: -0.728+/-2.111 χ^2/NDF: 21.4/19

Left In: -136.025+/-167.037 χ^2/NDF:4.1/6

-1.588+/-2.251 χ^2/NDF: 31.3/25

-0.750+/-2.111 χ^2/NDF: 26.1/26

asym_cav4bQ_rms vs Slug



Right In: 2.457+/-0.002 χ^2/NDF: 10847802.4/16

Left Out: 390.893+/-0.110 χ^2/NDF:299876.5/8

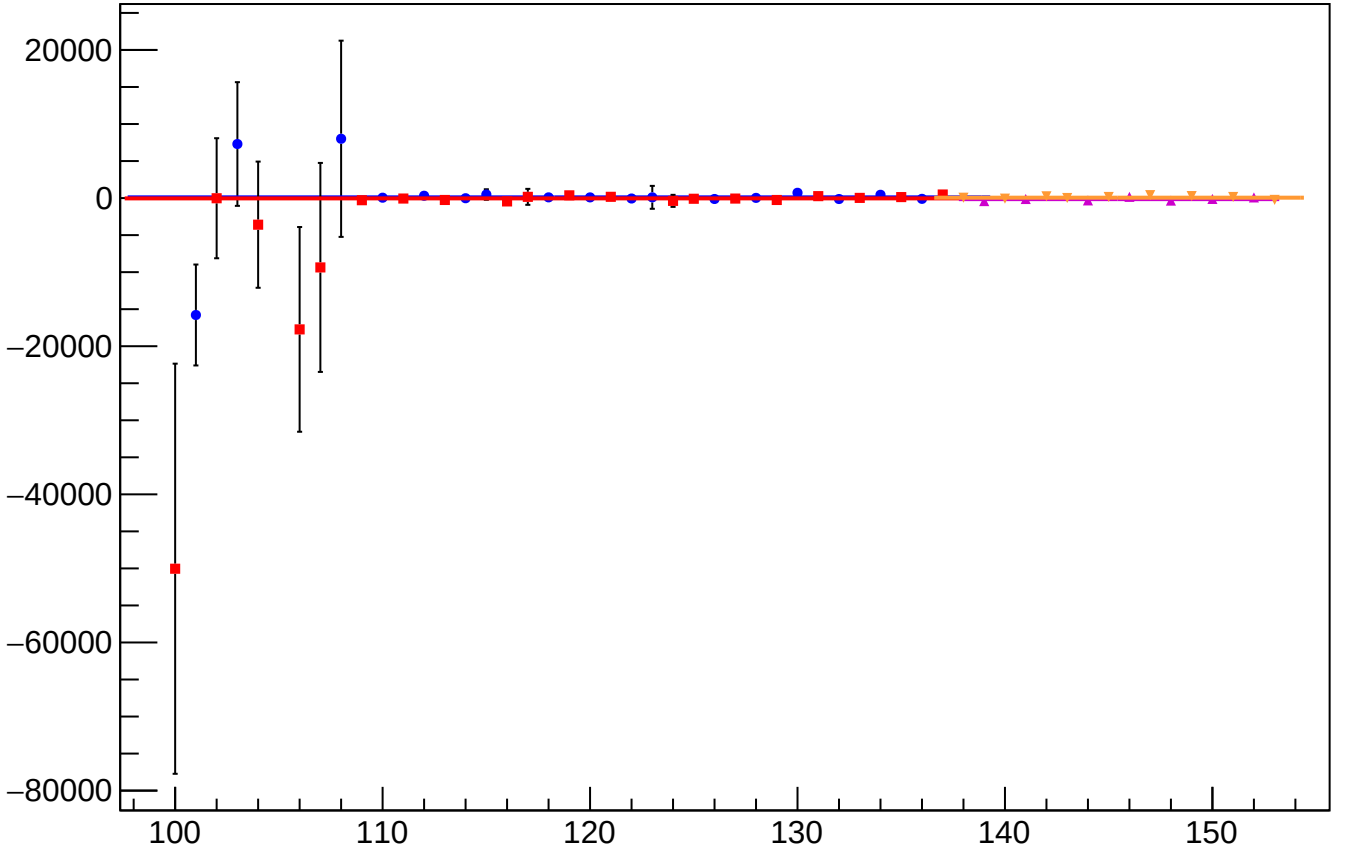
Right Out: 2.437+/-0.001 χ^2/NDF: 11233207.9/19

Left In: 389.930+/-0.118 χ^2/NDF:110400.2/6

2.538+/-0.002 χ^2/NDF: 23679327.6/25

2.499+/-0.001 χ^2/NDF: 22104828.5/26

asym_cav4cQ_mean vs Slug



Right In: 98.643+/-90.860 χ^2/NDF: 11.9/16

Left Out: 54.603+/-105.337 χ^2/NDF:3.5/8

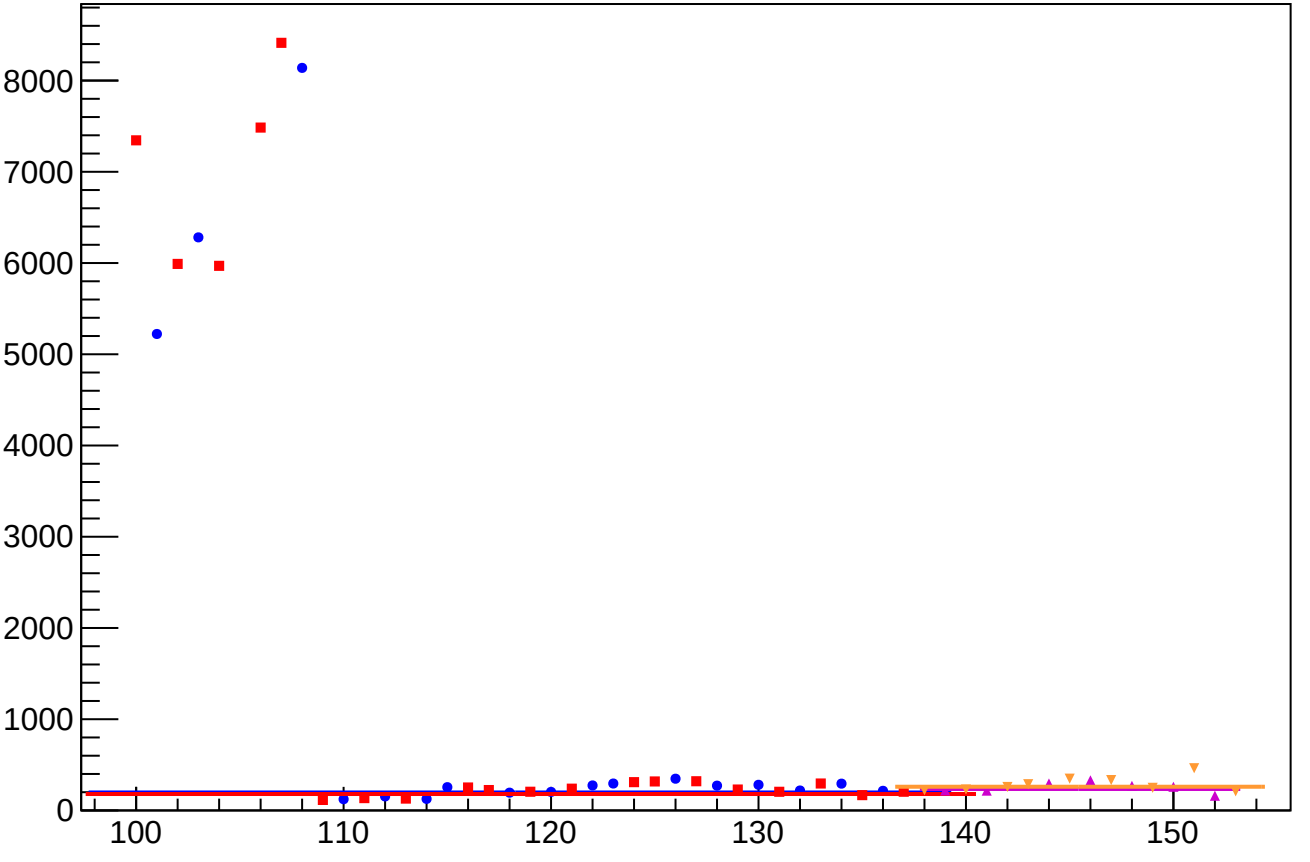
Right Out: -41.024+/-84.237 χ^2/NDF: 13.9/19

Left In: -141.412+/-104.914 χ^2/NDF:3.4/6

79.855+/-68.801 χ^2/NDF: 15.4/25

-80.374+/-65.685 χ^2/NDF: 17.9/26

asym_cav4cQ_rms vs Slug



Right In: 197.086+/-0.064 χ^2/NDF: 3693614.0/16

Left Out: 259.973+/-0.074 χ^2/NDF:642721.3/8

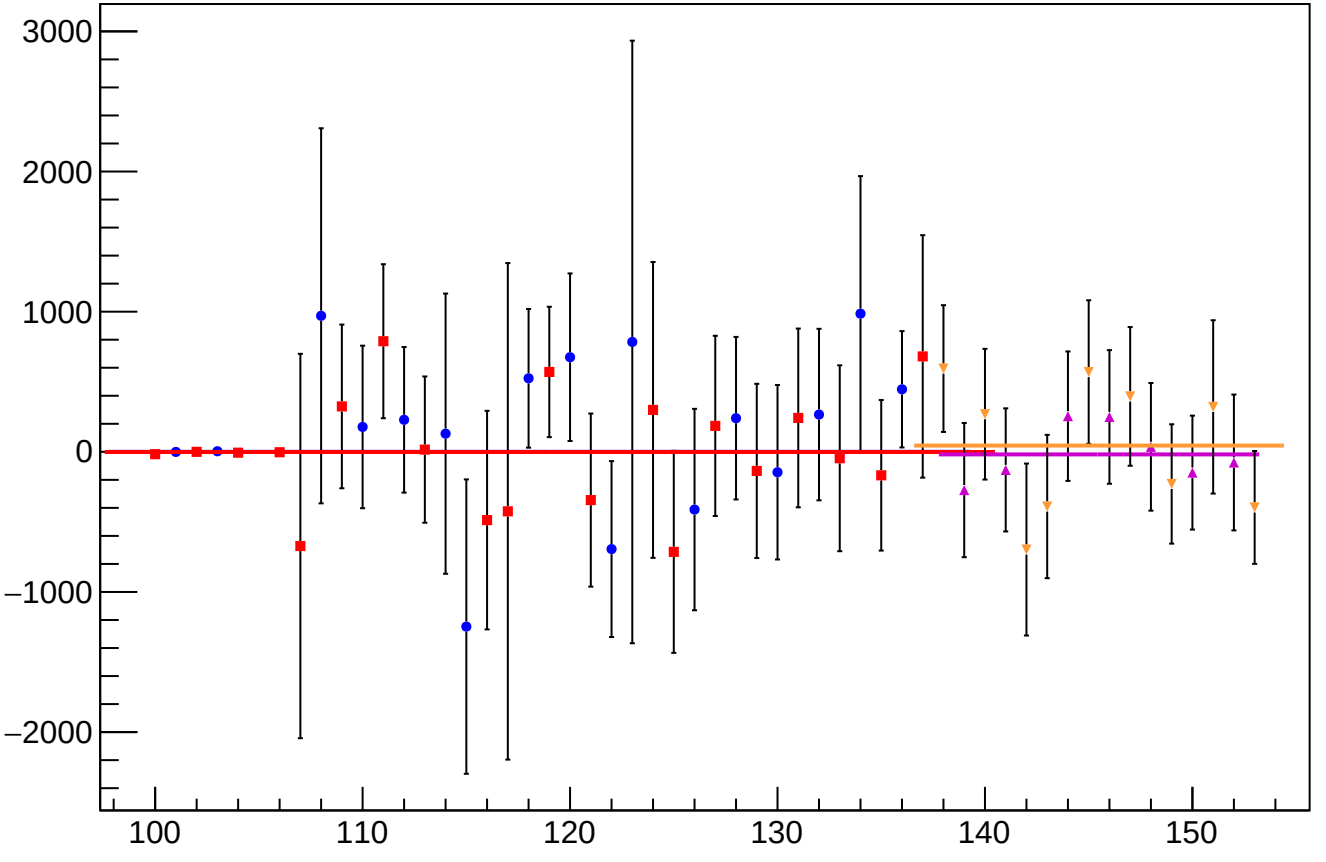
Right Out: 180.217+/-0.060 χ^2/NDF: 4324457.3/19

Left In: 235.521+/-0.074 χ^2/NDF:469295.6/6

223.914+/-0.049 χ^2/NDF: 4745077.8/25

201.895+/-0.046 χ^2/NDF: 5131653.8/26

asym_cav4dQ_mean vs Slug



Right In: -0.138+/-1.737 χ^2/NDF: 9.7/16

Left Out: 44.650+/-161.878 χ^2/NDF:7.3/8

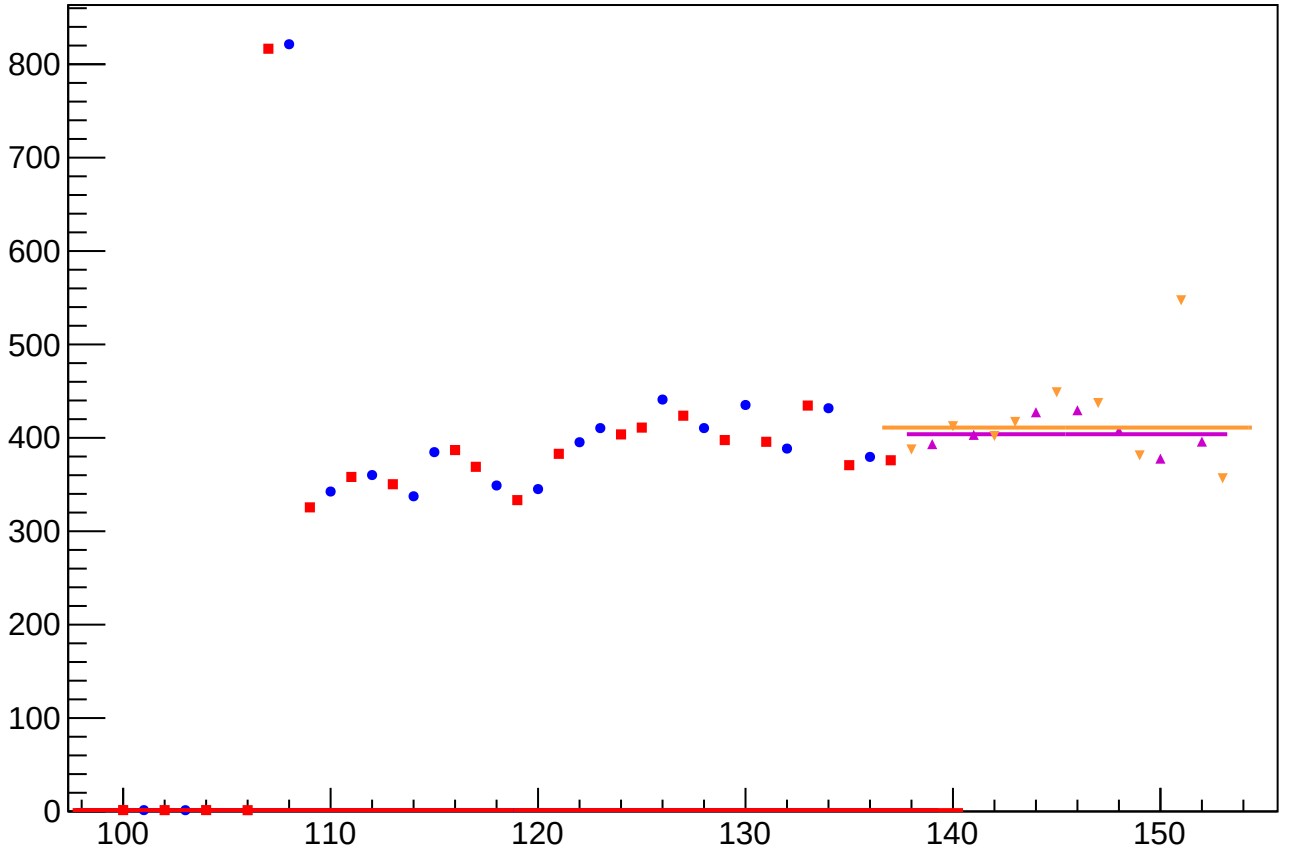
Right Out: -1.324+/-1.623 χ^2/NDF: 9.7/19

Left In: -18.379+/-172.110 χ^2/NDF:1.1/6

-0.133+/-1.737 χ^2/NDF: 17.1/25

-1.325+/-1.622 χ^2/NDF: 10.8/26

asym_cav4dQ_rms vs Slug



Right In: 1.453+/-0.001 χ^2/NDF: 10957986.8/16

Left Out: 410.994+/-0.114 χ^2/NDF:165848.2/8

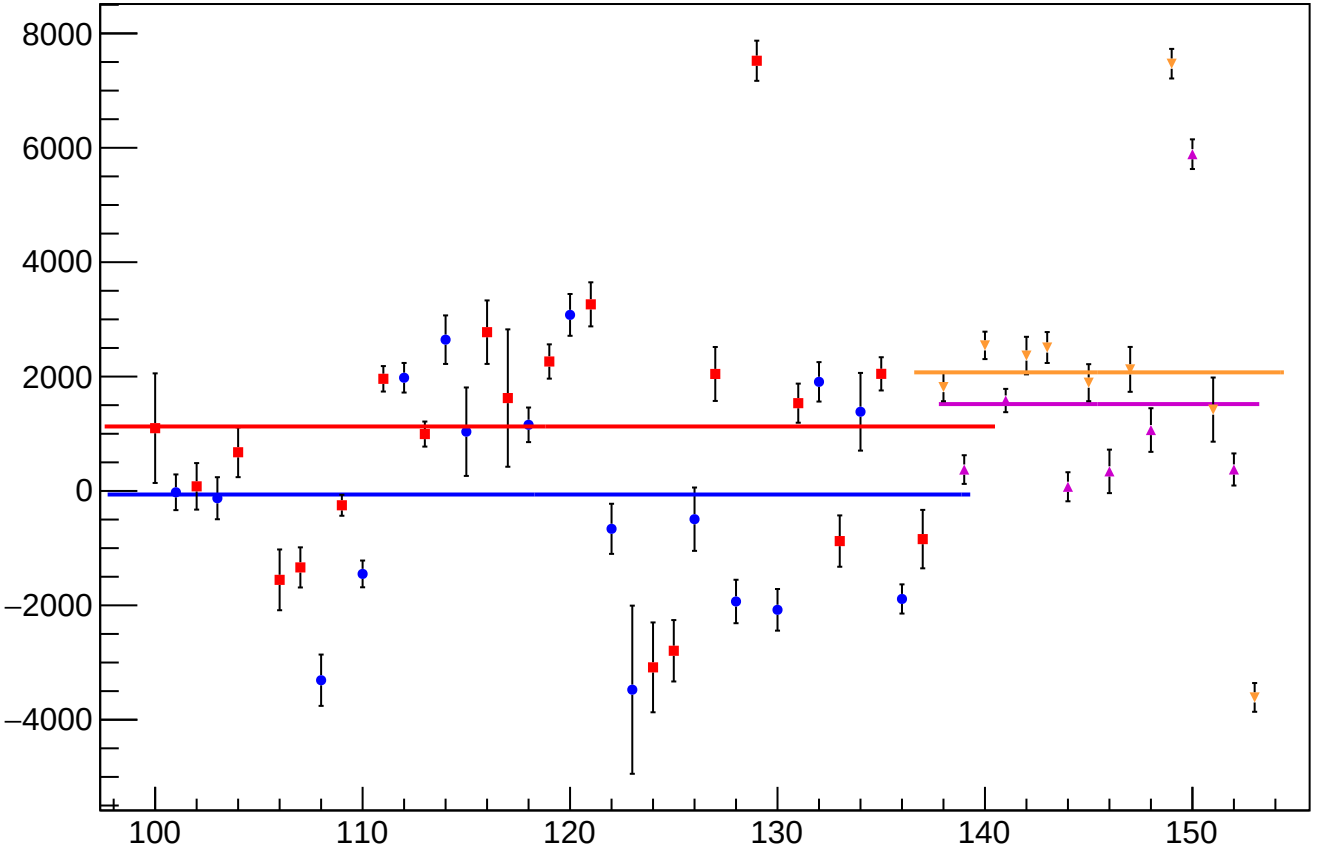
Right Out: 1.451+/-0.001 χ^2/NDF: 10966832.6/19

Left In: 403.869+/-0.122 χ^2/NDF:20884.4/6

1.500+/-0.001 χ^2/NDF: 23923526.6/25

1.487+/-0.001 χ^2/NDF: 21920591.8/26

asym_bcm0l02_mean vs Slug



Right In: -62.164+/-87.424 χ^2/NDF: 433.9/16

Left Out: 2073.624+/-96.862 χ^2/NDF:955.9/8

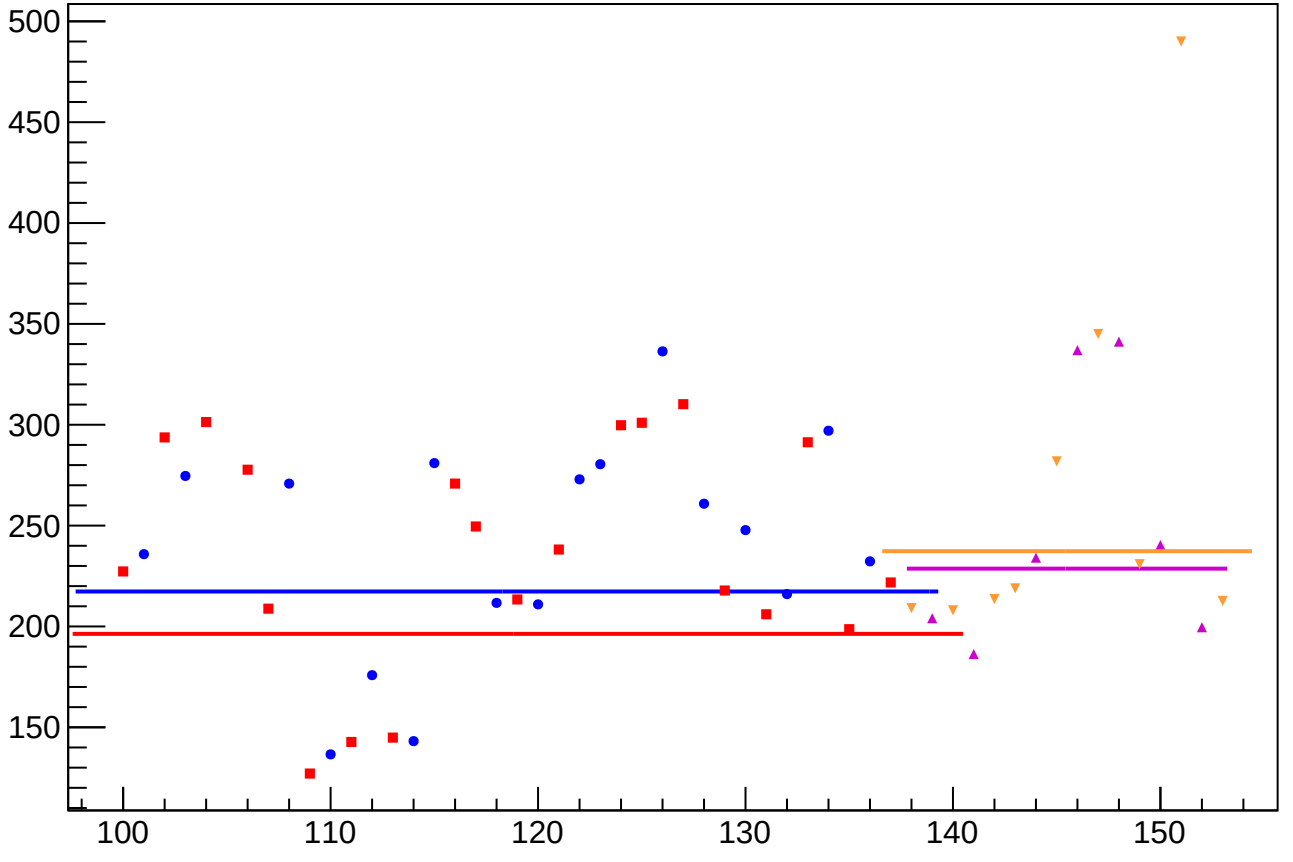
Right Out: 1127.552+/-78.203 χ^2/NDF: 671.4/19

Left In: 1519.067+/-101.609 χ^2/NDF:364.5/6

896.632+/-64.899 χ^2/NDF: 1657.7/25

1273.195+/-61.973 χ^2/NDF: 1045.2/26

asym_bcm0l02_rms vs Slug



Right In: 217.330+/-0.062 χ^2/NDF: 652722.5/16

Left Out: 237.315+/-0.068 χ^2/NDF:690292.7/8

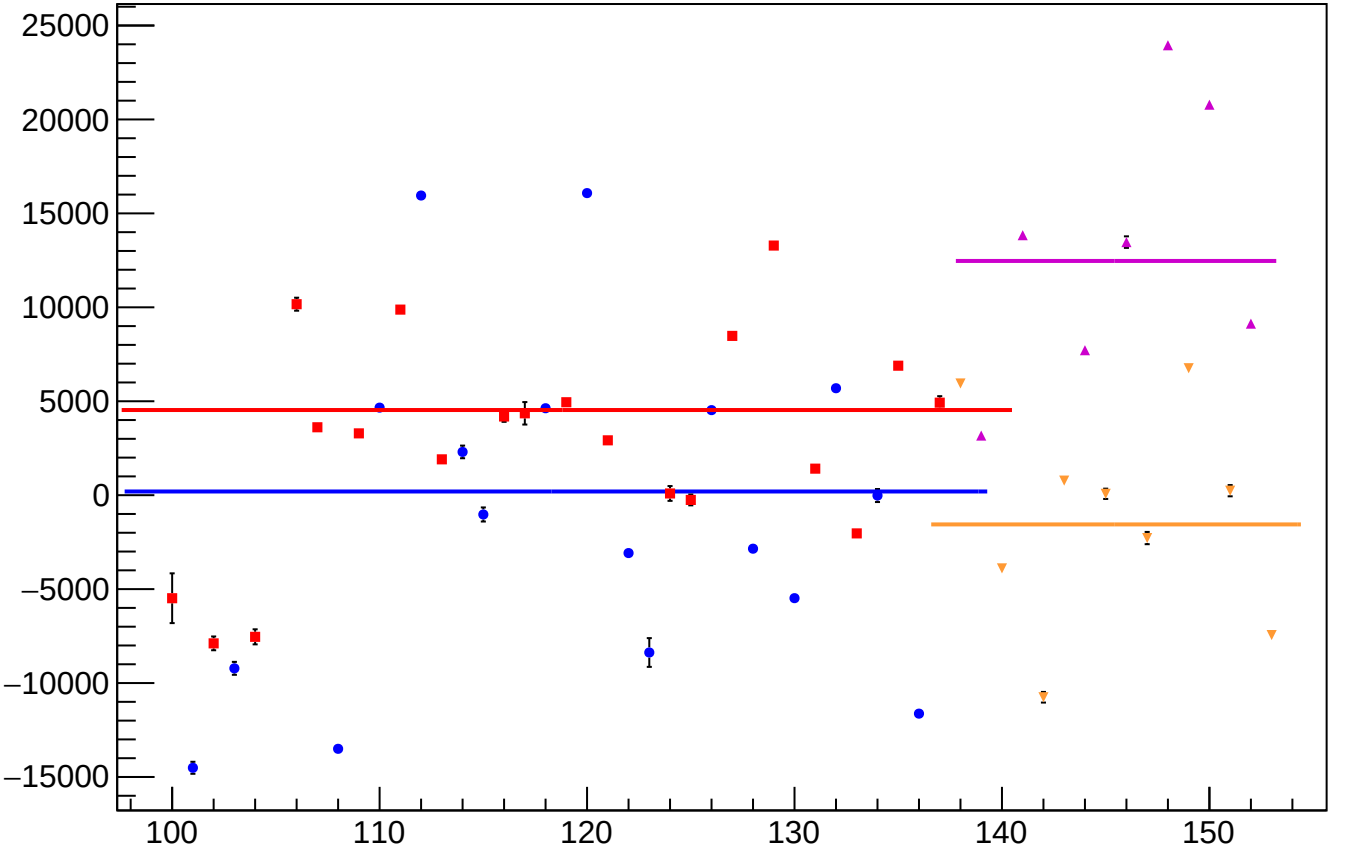
Right Out: 196.332+/-0.055 χ^2/NDF: 1194678.0/19

Left In: 228.666+/-0.072 χ^2/NDF:468399.2/6

226.302+/-0.046 χ^2/NDF: 1389935.4/25

208.360+/-0.044 χ^2/NDF: 1790268.4/26

asym_bpm0i02WS_mean vs Slug



Right In: 197.008+/-54.799 χ^2/NDF: 30658.3/16

Left Out: -1555.864+/-75.304 χ^2/NDF:5739.6/8

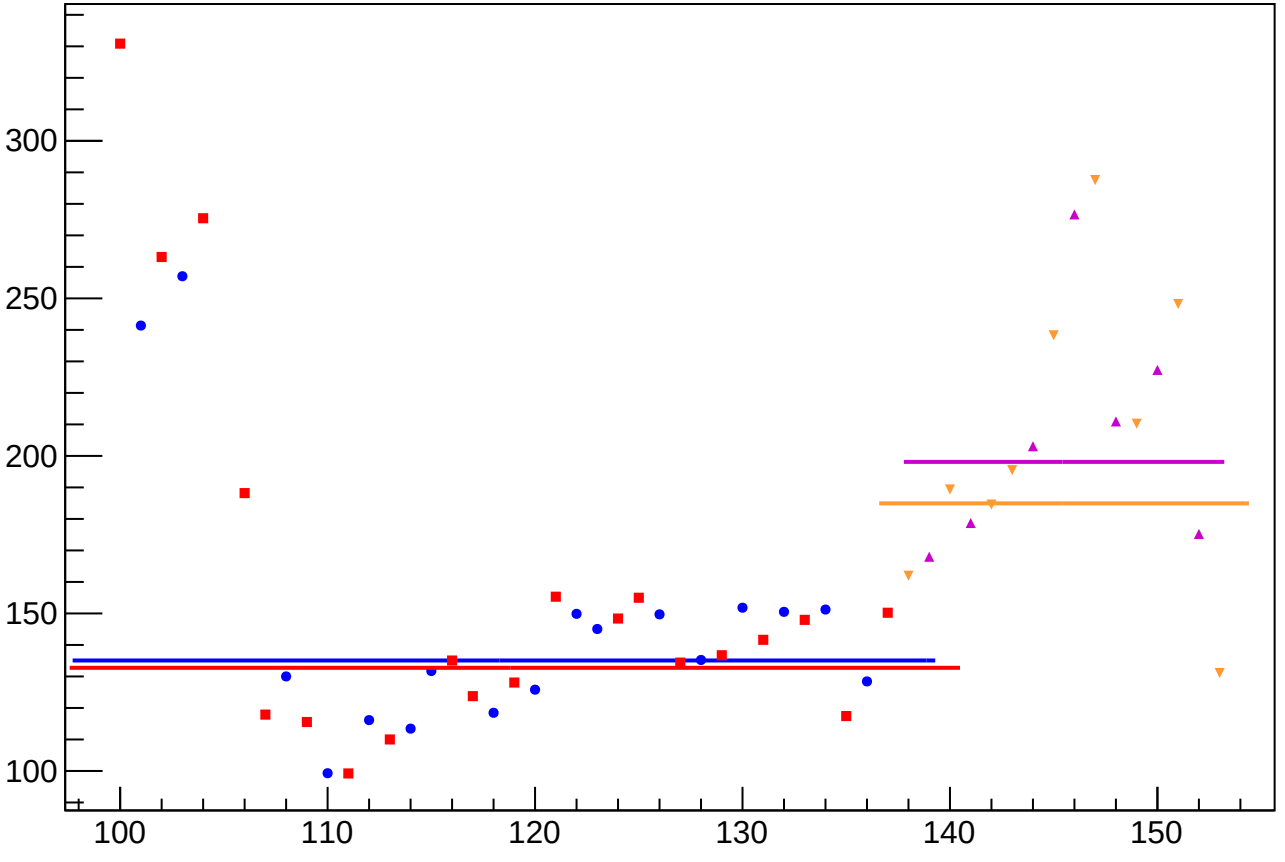
Right Out: 4532.856+/-52.261 χ^2/NDF: 7477.3/19

Left In: 12467.990+/-86.817 χ^2/NDF:6121.3/6

-409.858+/-44.309 χ^2/NDF: 36752.1/25

6643.459+/-44.775 χ^2/NDF: 19730.6/26

asym_bpm0i02WS_rms vs Slug



Right In: 135.072+/-0.039 χ^2/NDF: 658703.5/16

Left Out: 184.940+/-0.053 χ^2/NDF:685147.0/8

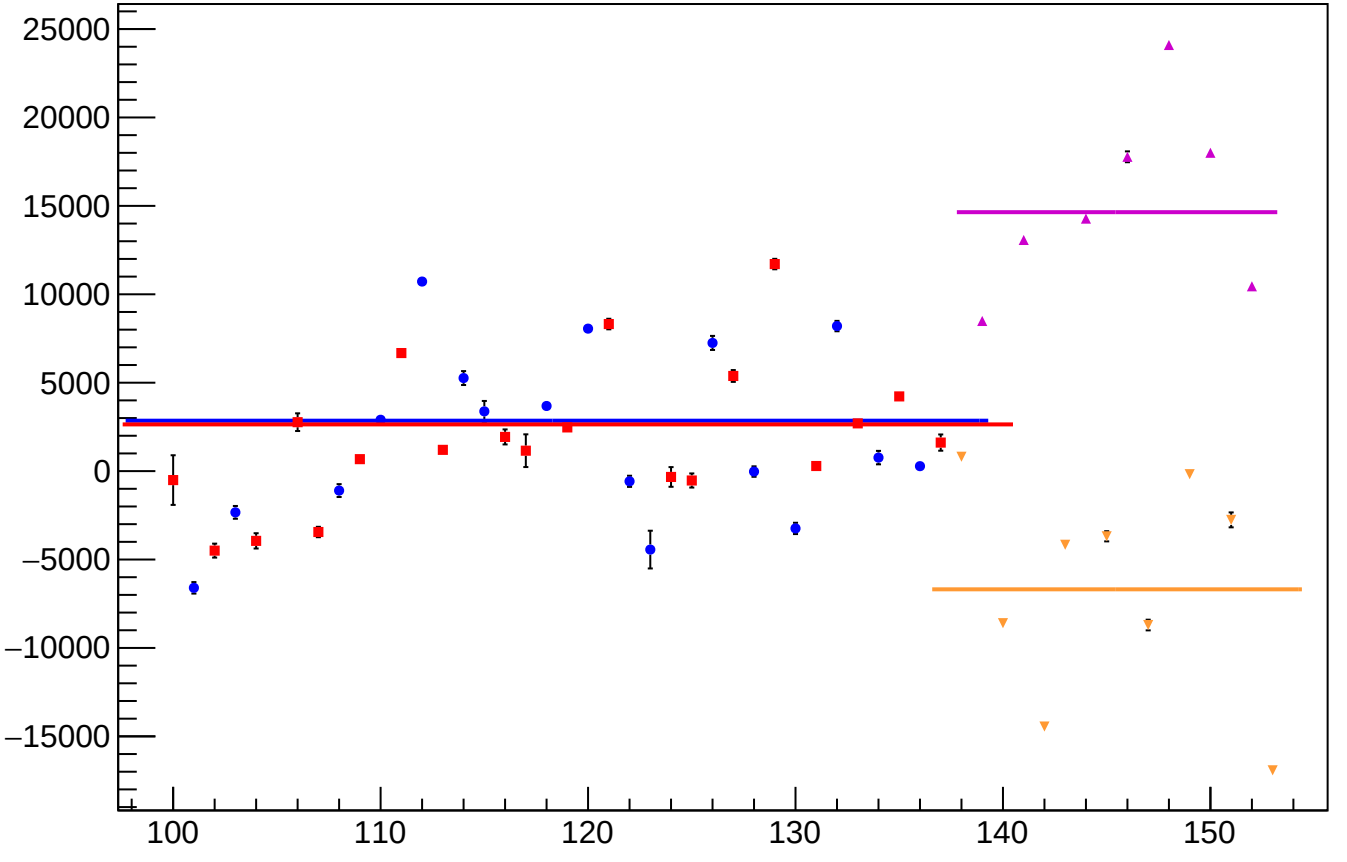
Right Out: 132.747+/-0.037 χ^2/NDF: 831647.2/19

Left In: 198.106+/-0.061 χ^2/NDF:247231.6/6

152.337+/-0.031 χ^2/NDF: 1917278.5/25

150.131+/-0.032 χ^2/NDF: 1910898.6/26

asym_bpm0i02aWS_mean vs Slug



Right In: 2851.437+/-70.753 χ^2/NDF: 4178.1/16

Left Out: -6685.300+/-81.558 χ^2/NDF:6127.2/8

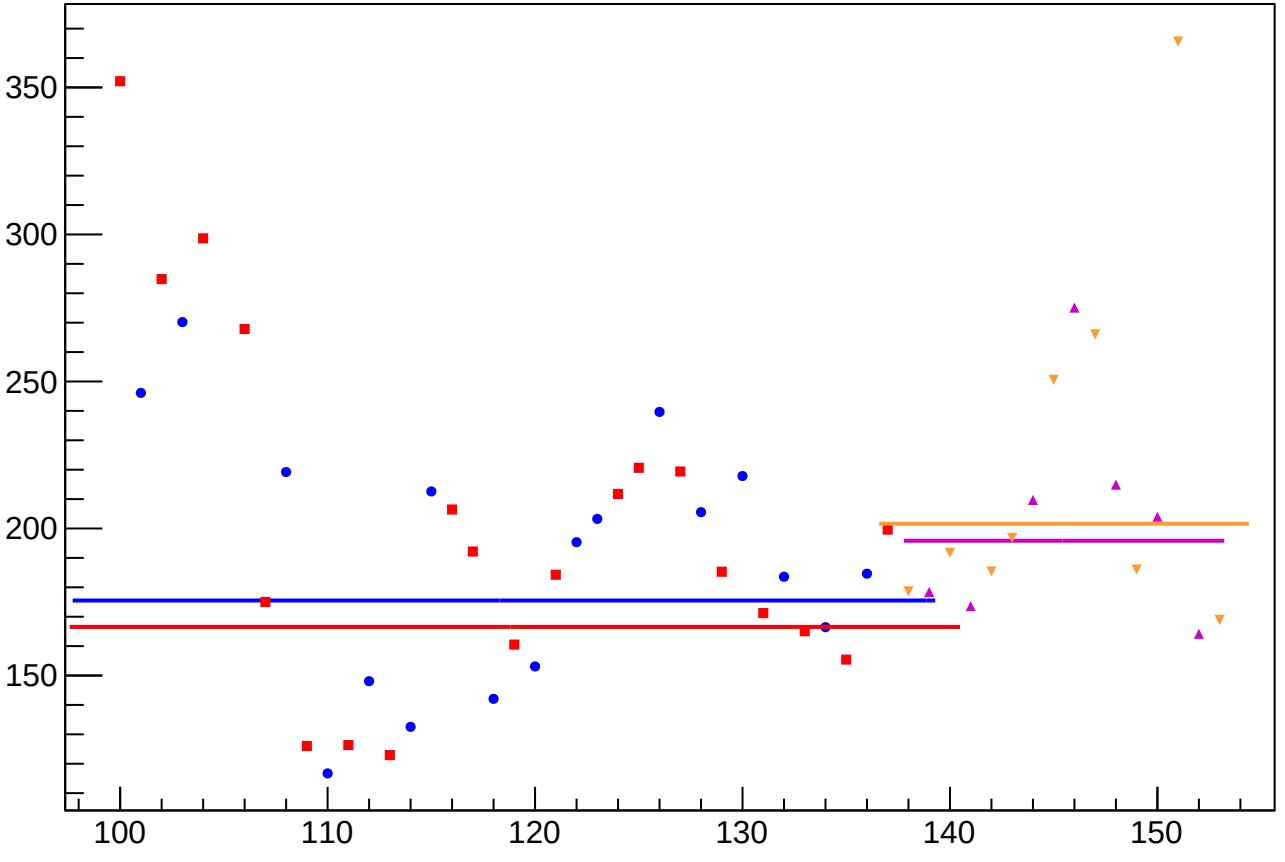
Right Out: 2641.642+/-65.566 χ^2/NDF: 3178.3/19

Left In: 14643.834+/-85.919 χ^2/NDF:3039.3/6

-1243.806+/-53.445 χ^2/NDF: 18107.0/25

7058.689+/-52.123 χ^2/NDF: 18549.8/26

asym_bpm0i02aWS_rms vs Slug



Right In: 175.514+/-0.050 χ^2/NDF: 689642.3/16

Left Out: 201.637+/-0.058 χ^2/NDF:552158.6/8

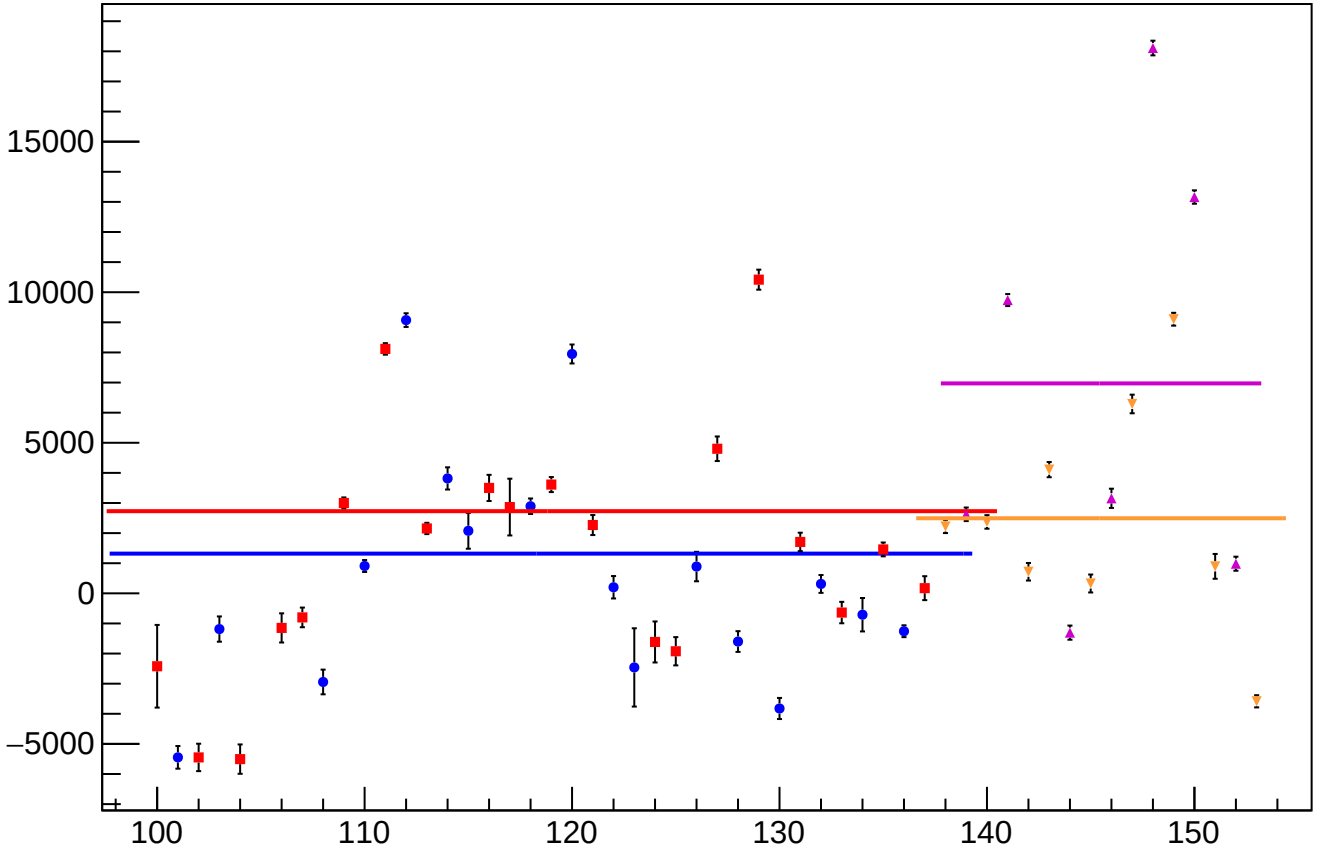
Right Out: 166.522+/-0.046 χ^2/NDF: 931079.9/19

Left In: 195.832+/-0.061 χ^2/NDF:234973.0/6

186.732+/-0.038 χ^2/NDF: 1358875.5/25

177.309+/-0.037 χ^2/NDF: 1313137.7/26

asym_bpm0i05WS_mean vs Slug



Right In: 1319.009+/-77.146 χ^2/NDF: 2667.0/16

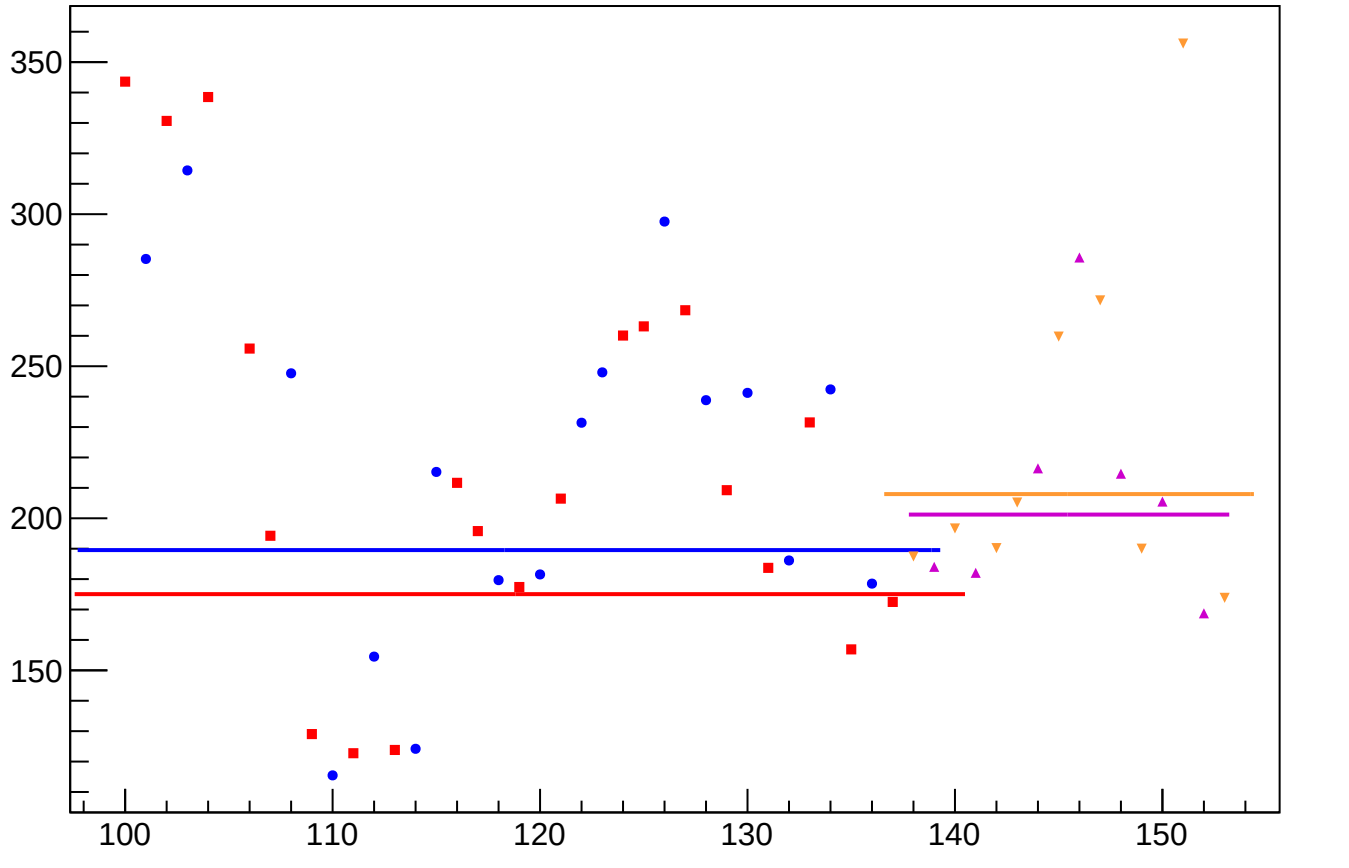
Left Out: 2493.393+/-84.003 χ^2/NDF:2160.3/8

Right Out: 2728.550+/-69.837 χ^2/NDF: 2495.9/19

Left In: 6971.777+/-88.297 χ^2/NDF:5468.8/6

1856.317+/-56.820 χ^2/NDF: 4933.4/25

4361.473+/-54.775 χ^2/NDF: 9385.4/26



Right In: 189.544+/-0.055 χ^2/NDF: 980744.6/16

Left Out: 207.960+/-0.059 χ^2/NDF:504745.7/8

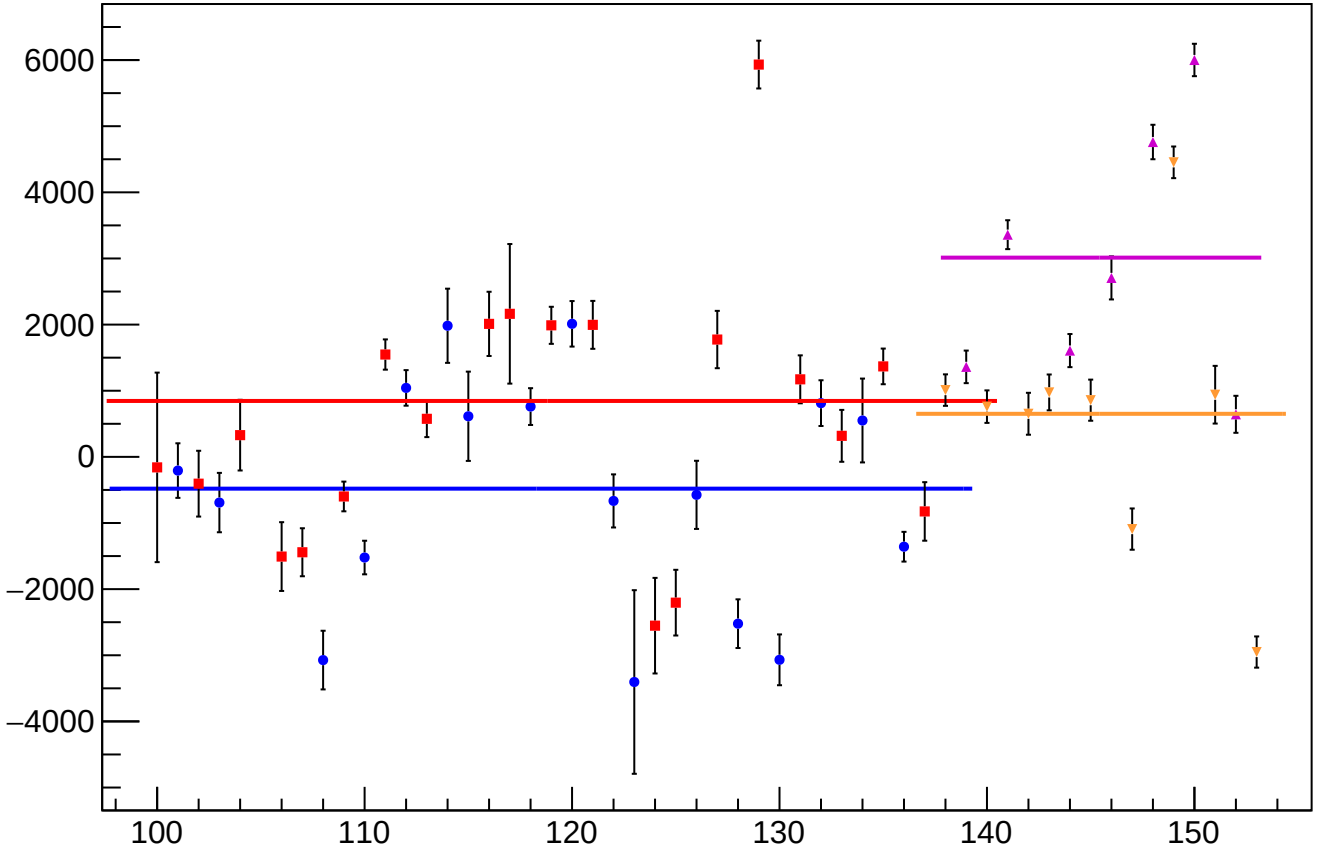
Right Out: 175.058+/-0.049 χ^2/NDF: 1298079.7/19

Left In: 201.221+/-0.062 χ^2/NDF:223920.8/6

197.970+/-0.040 χ^2/NDF: 1537631.7/25

185.127+/-0.039 χ^2/NDF: 1630023.0/26

asym_bpm0i07WS_mean vs Slug



Right In: -480.578+/-88.640 χ^2/NDF: 290.7/16

Left Out: 651.018+/-91.652 χ^2/NDF:521.5/8

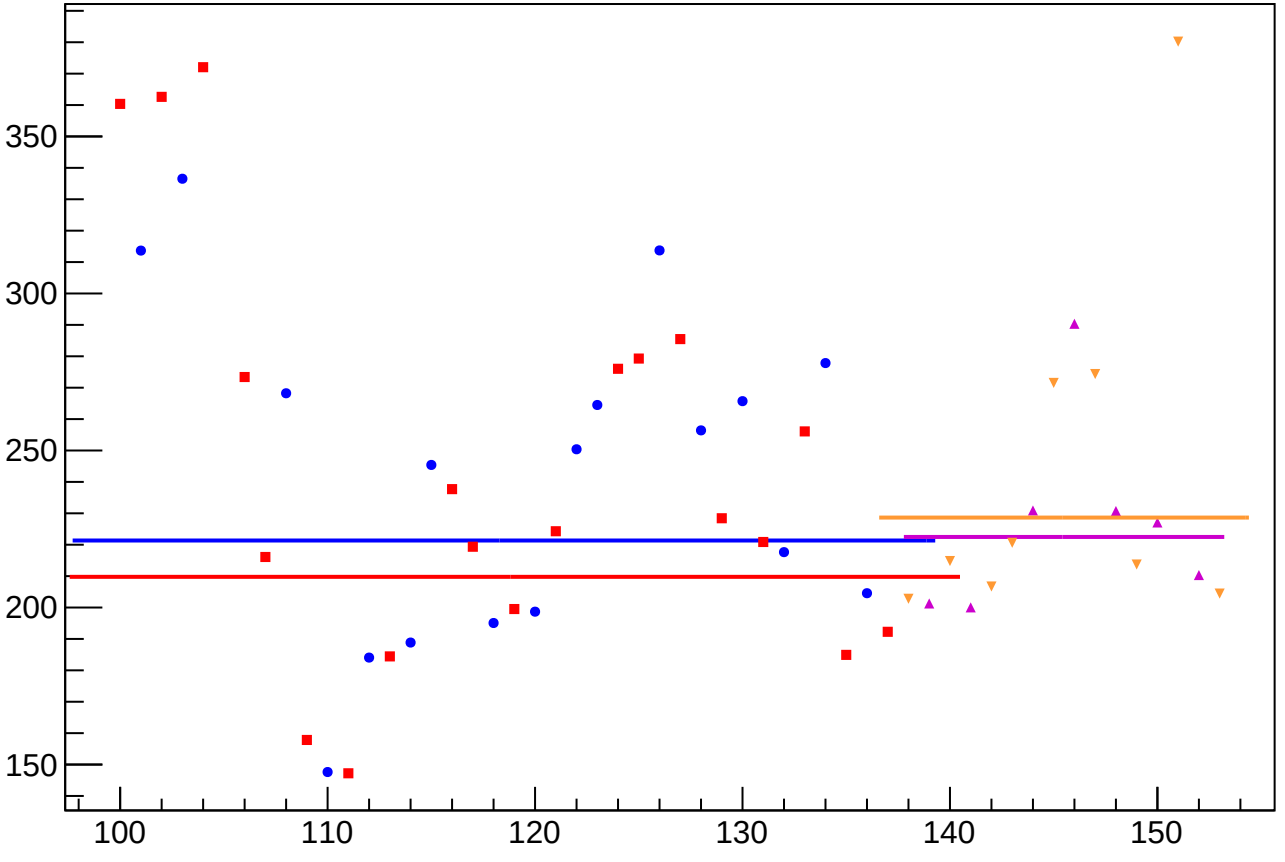
Right Out: 845.444+/-81.995 χ^2/NDF: 436.9/19

Left In: 3012.578+/-96.665 χ^2/NDF:345.5/6

66.324+/-63.716 χ^2/NDF: 891.0/25

1752.247+/-62.529 χ^2/NDF: 1074.7/26

asym_bpm0i07WS_rms vs Slug



Right In: 221.342+/-0.063 χ^2/NDF: 645688.1/16

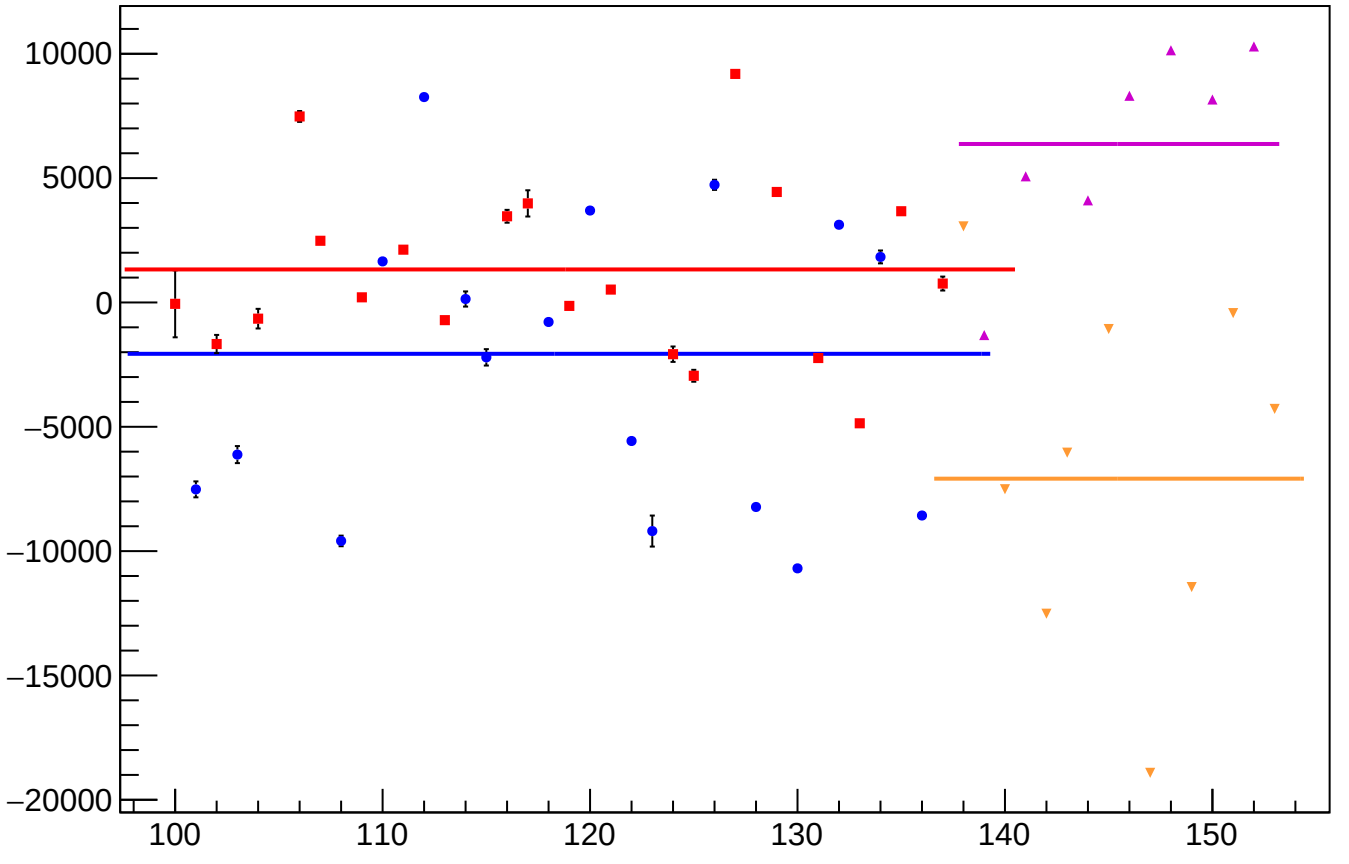
Left Out: 228.645+/-0.065 χ^2/NDF:392354.8/8

Right Out: 209.775+/-0.058 χ^2/NDF: 884083.7/19

Left In: 222.474+/-0.068 χ^2/NDF:131623.6/6

224.872+/-0.045 χ^2/NDF: 1044603.9/25

215.088+/-0.044 χ^2/NDF: 1035780.9/26



Right In: -2065.160+/-47.322 χ^2/NDF: 16533.3/16

Left Out: -7086.240+/-44.415 χ^2/NDF:22603.5/8

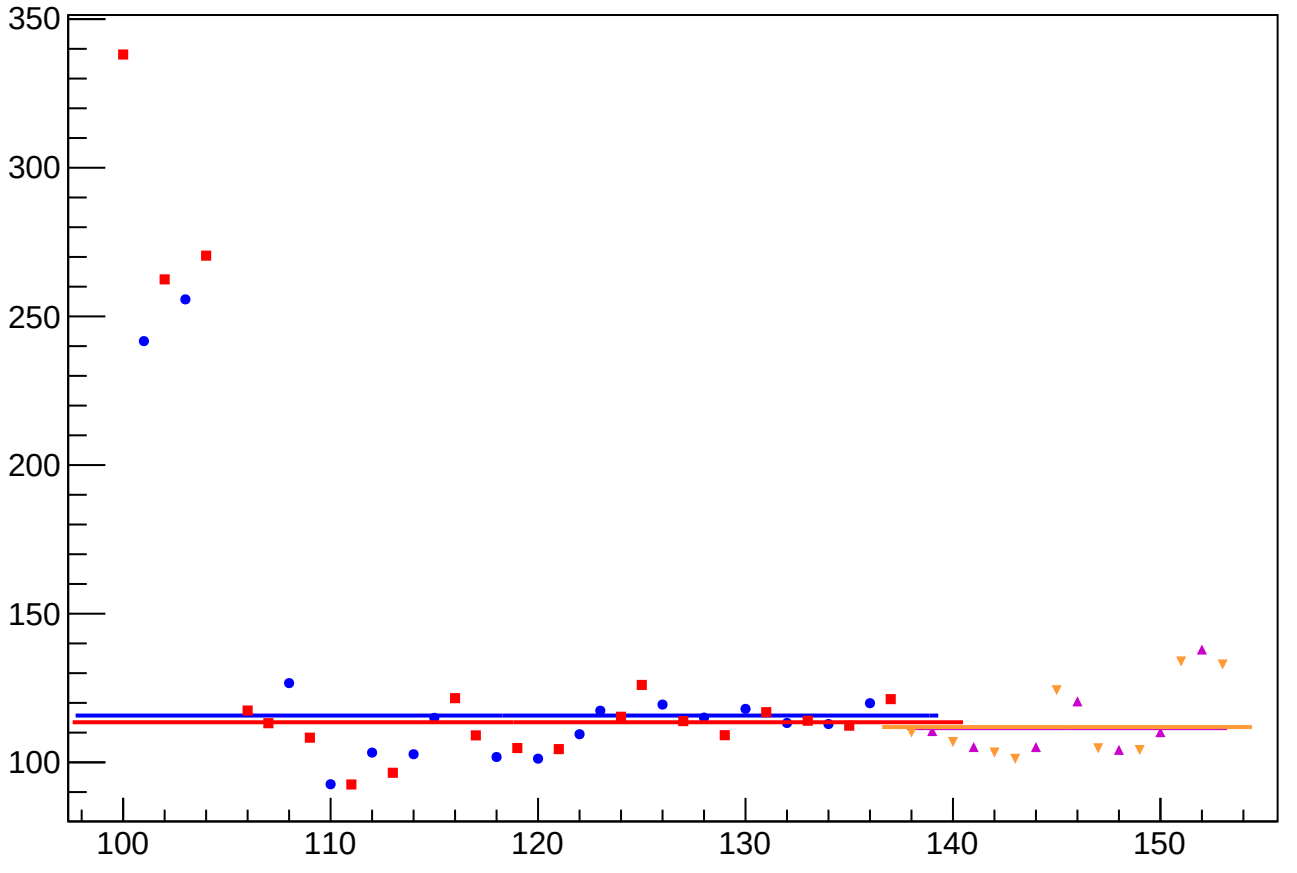
Right Out: 1327.819+/-44.838 χ^2/NDF: 5919.9/19

Left In: 6373.023+/-47.423 χ^2/NDF:5794.5/6

-4734.652+/-32.385 χ^2/NDF: 45122.3/25

3709.212+/-32.581 χ^2/NDF: 17690.4/26

asym_bpm1i02WS_rms vs Slug



Right In: 115.741+/-0.033 χ^2/NDF: 744017.7/16

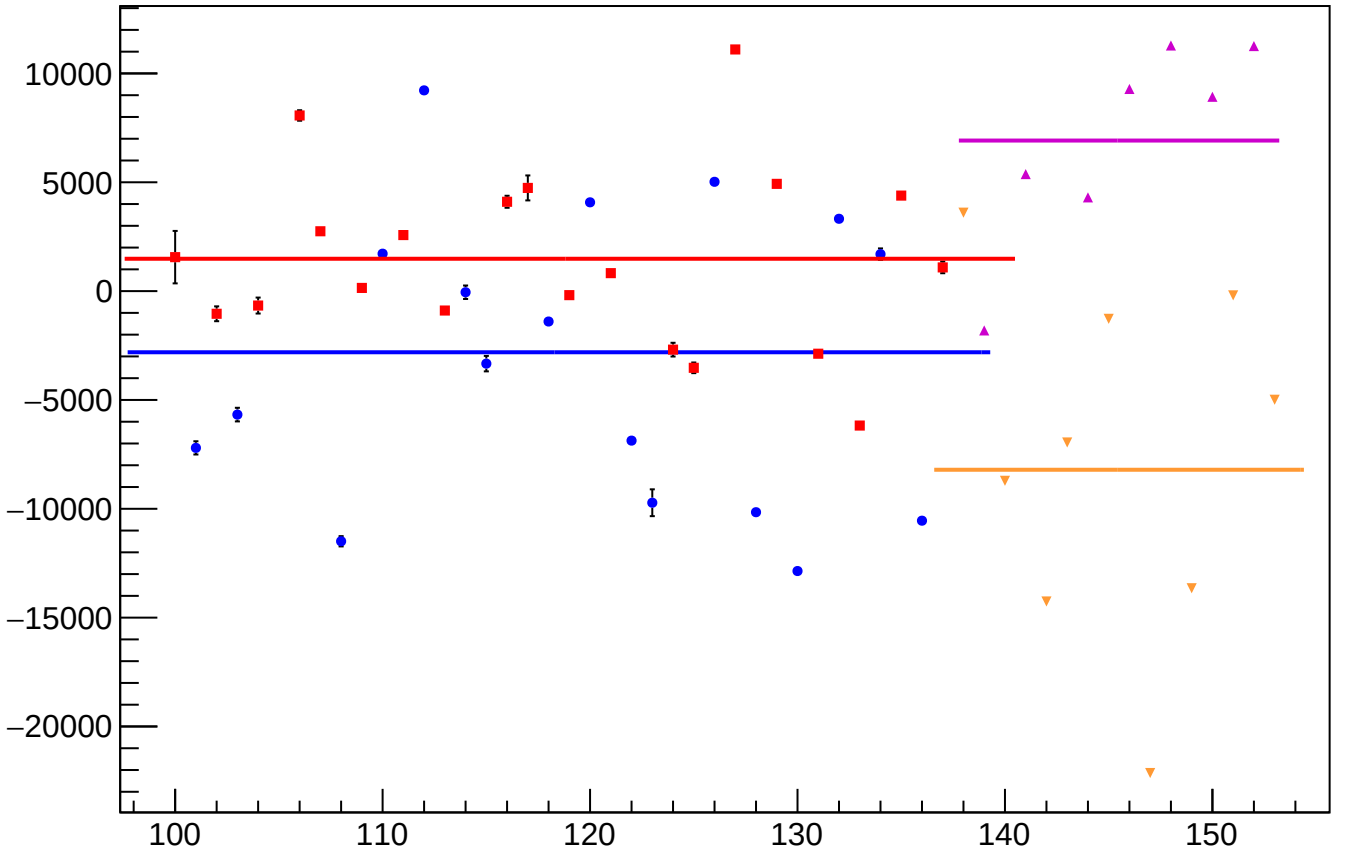
Left Out: 111.864+/-0.031 χ^2/NDF:137245.5/8

Right Out: 113.487+/-0.032 χ^2/NDF: 796781.7/19

Left In: 111.510+/-0.034 χ^2/NDF:89487.0/6

113.680+/-0.023 χ^2/NDF: 888398.9/25

112.554+/-0.023 χ^2/NDF: 888103.3/26



Right In: -2809.101+/-48.284 χ^2/NDF: 21263.1/16

Left Out: -8206.540+/-47.729 χ^2/NDF:26871.4/8

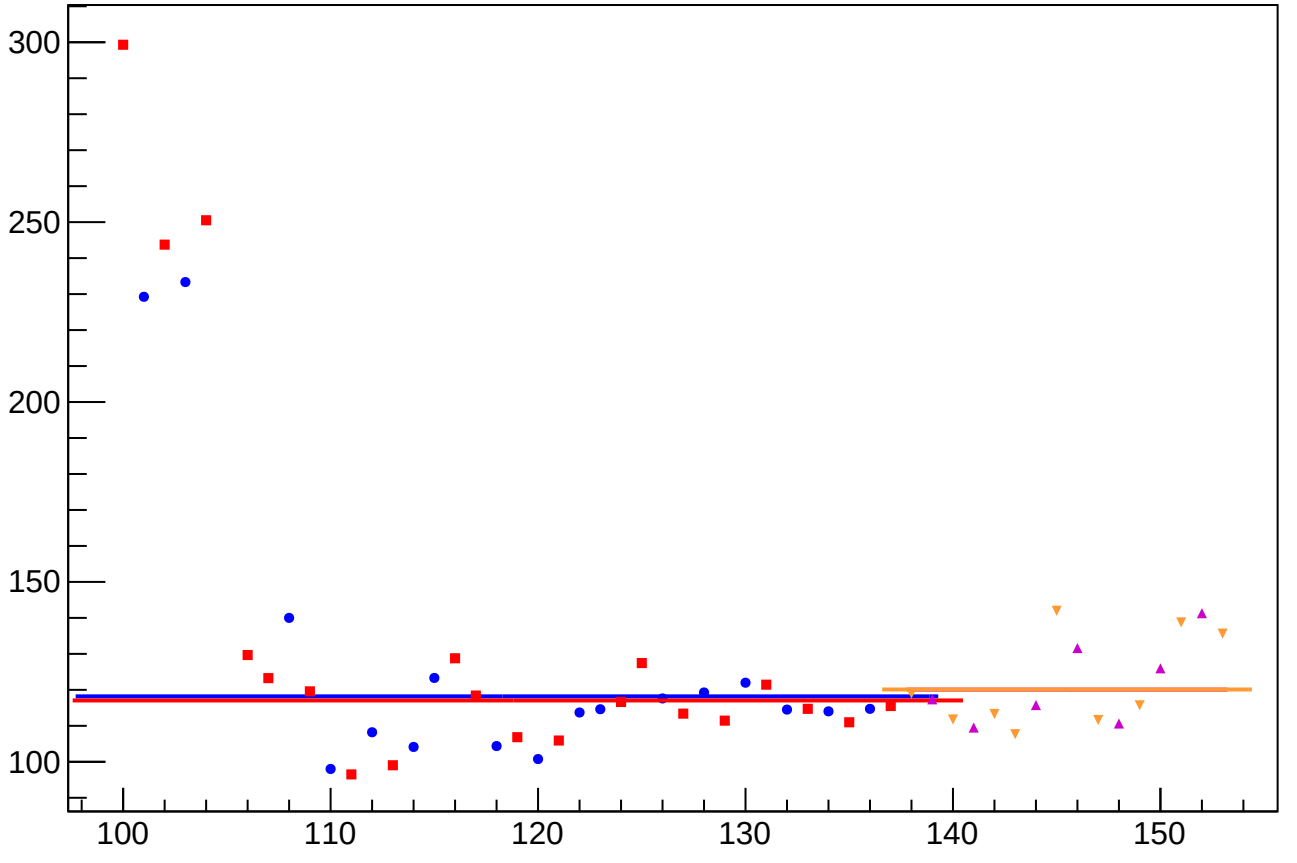
Right Out: 1486.369+/-46.243 χ^2/NDF: 8037.1/19

Left In: 6916.891+/-51.099 χ^2/NDF:6646.6/6

-5539.046+/-33.944 χ^2/NDF: 54454.7/25

3931.404+/-34.288 χ^2/NDF: 20892.8/26

asym_bpm2i01WS_rms vs Slug



Right In: 118.188+/-0.034 χ^2/NDF: 636252.0/16

Left Out: 120.100+/-0.034 χ^2/NDF:124341.2/8

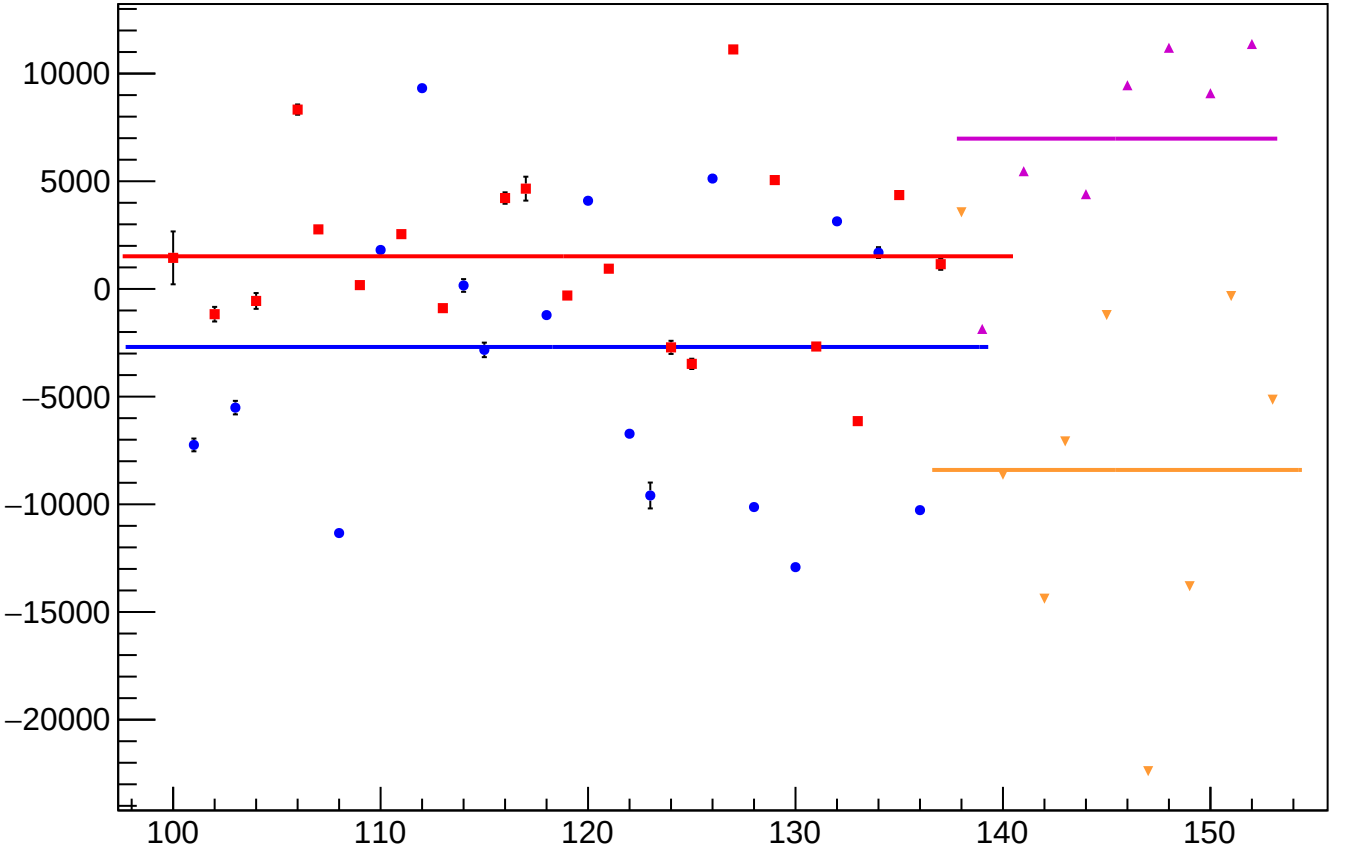
Right Out: 117.054+/-0.033 χ^2/NDF: 690646.8/19

Left In: 120.057+/-0.036 χ^2/NDF:82777.8/6

119.155+/-0.024 χ^2/NDF: 762179.9/25

118.406+/-0.024 χ^2/NDF: 777221.8/26

asym_bpm2i02WS_mean vs Slug



Right In: -2694.260+/-46.347 χ^2/NDF: 22860.3/16

Left Out: -8404.050+/-46.288 χ^2/NDF:29500.4/8

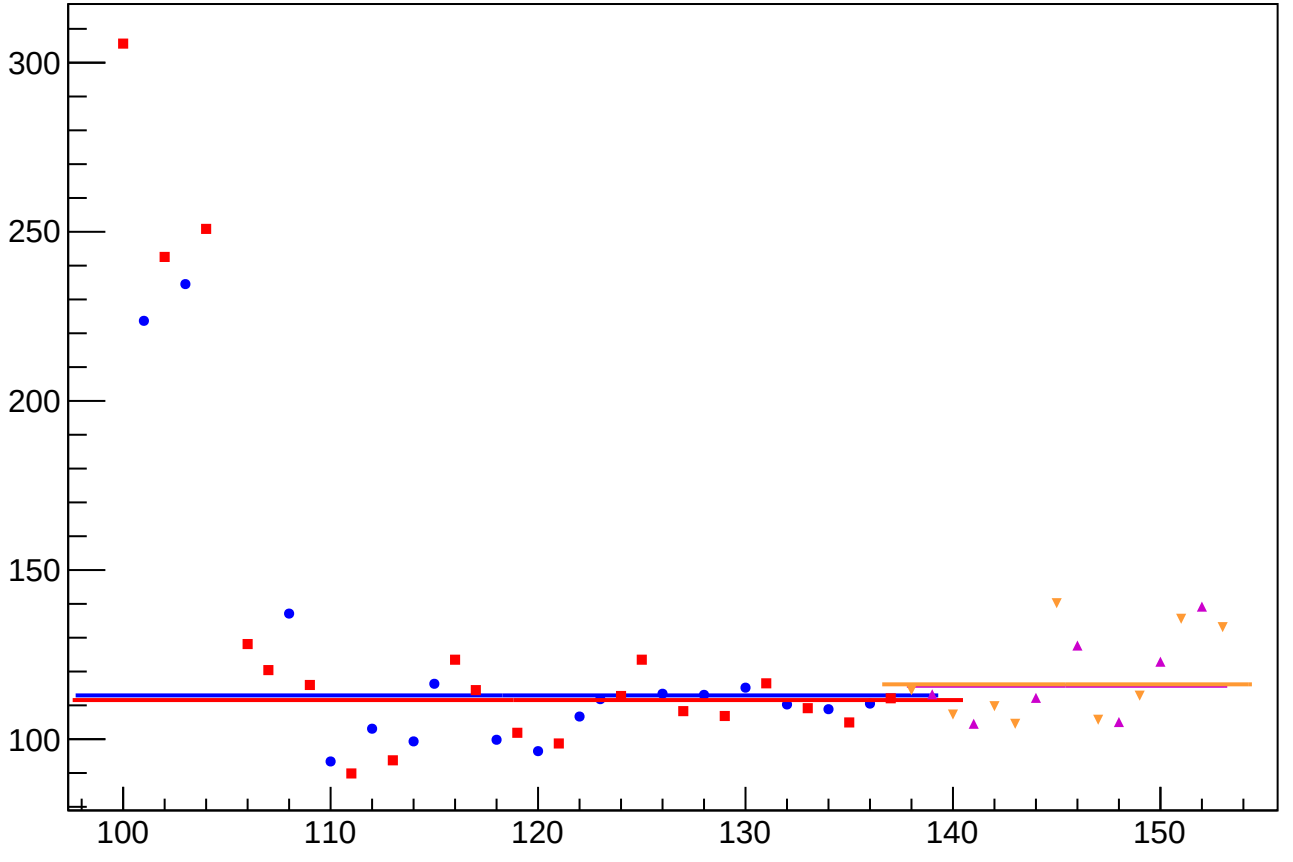
Right Out: 1515.863+/-44.303 χ^2/NDF: 8749.3/19

Left In: 6978.622+/-49.404 χ^2/NDF:7181.8/6

-5552.781+/-32.752 χ^2/NDF: 59959.0/25

3950.773+/-32.983 χ^2/NDF: 22708.0/26

asym_bpm2i02WS_rms vs Slug



Right In: 112.940+/-0.033 χ^2/NDF: 680283.1/16

Left Out: 116.213+/-0.033 χ^2/NDF:146851.5/8

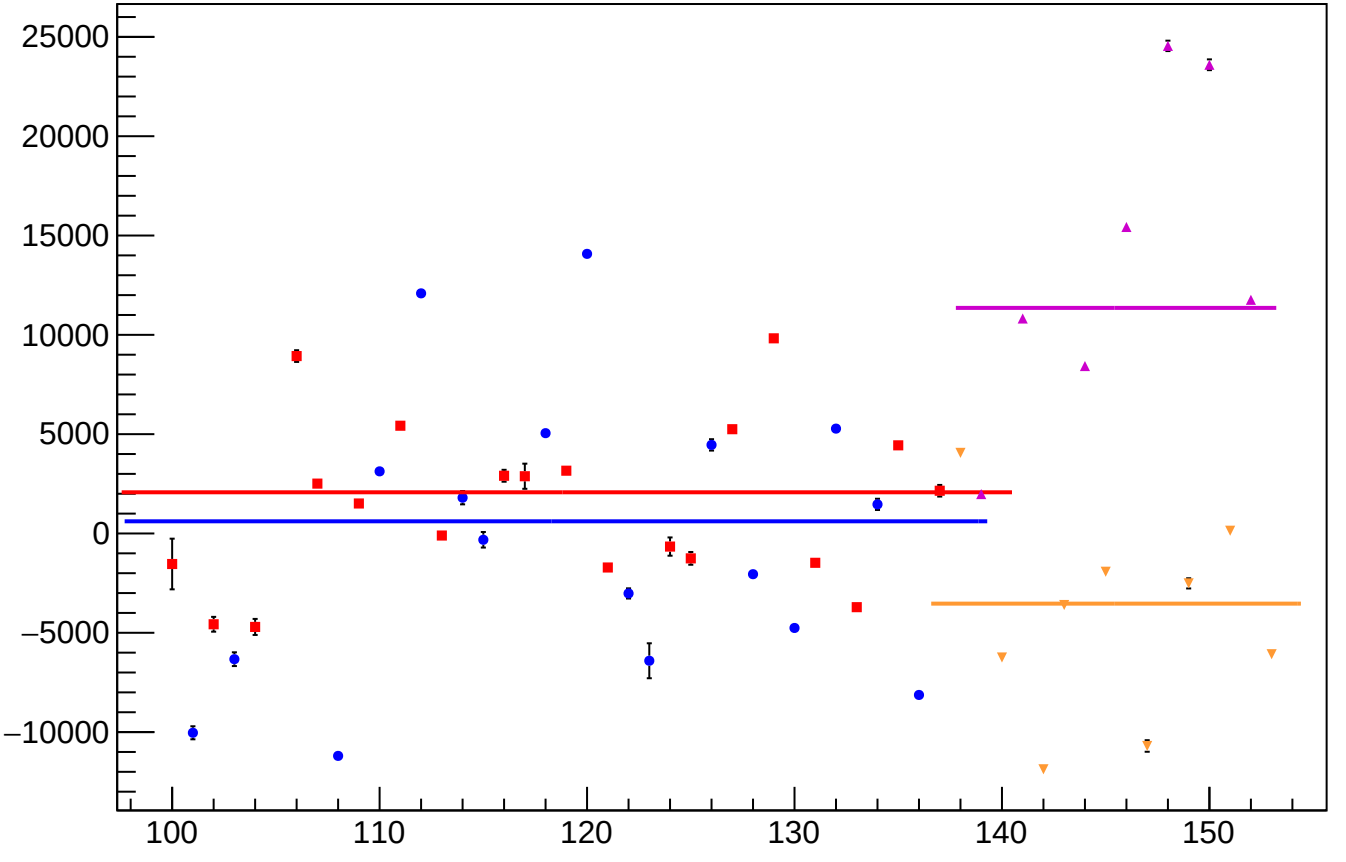
Right Out: 111.562+/-0.031 χ^2/NDF: 765559.1/19

Left In: 115.790+/-0.035 χ^2/NDF:103363.4/6

114.579+/-0.023 χ^2/NDF: 832128.2/25

113.447+/-0.023 χ^2/NDF: 877041.4/26

asym_bpm0i01WS_mean vs Slug



Right In: 612.621+/-56.062 χ^2/NDF: 18243.4/16

Left Out: -3532.270+/-63.392 χ^2/NDF:5229.7/8

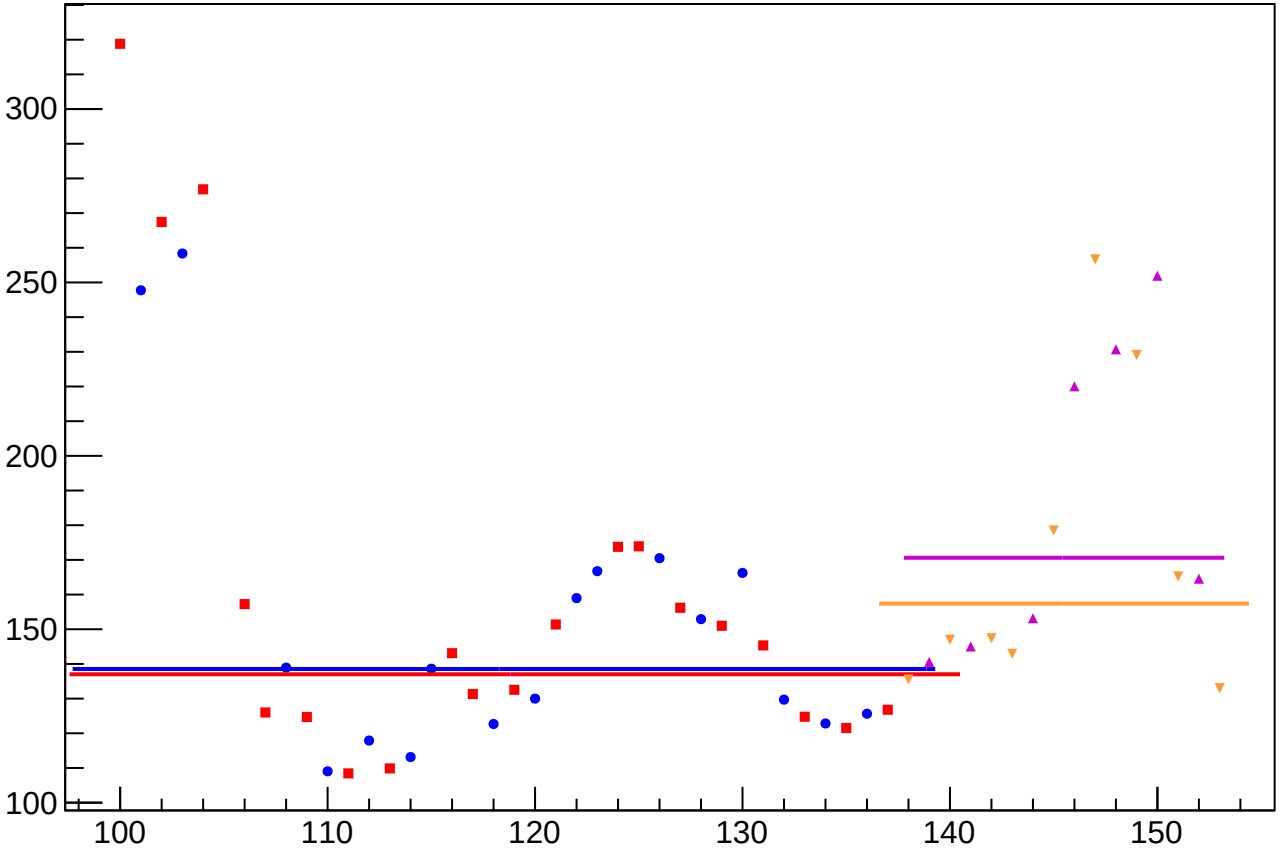
Right Out: 2073.278+/-53.736 χ^2/NDF: 4644.3/19

Left In: 11356.768+/-74.105 χ^2/NDF:8098.3/6

-1206.440+/-41.995 χ^2/NDF: 25872.1/25

5272.502+/-43.502 χ^2/NDF: 23028.1/26

asym_bpm0i01WS_rms vs Slug



Right In: 138.542+/-0.040 χ^2/NDF: 668941.7/16

Left Out: 157.410+/-0.045 χ^2/NDF:529291.7/8

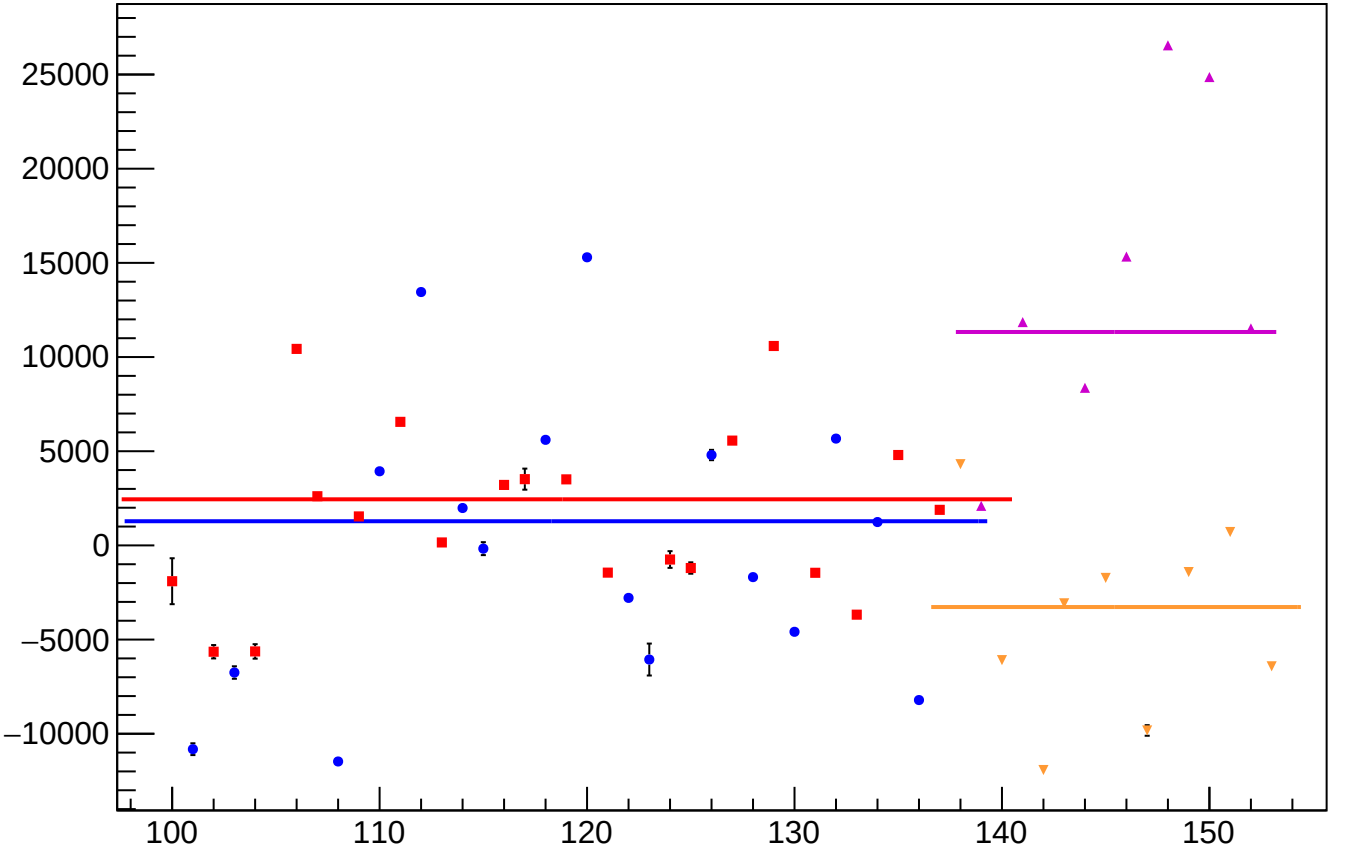
Right Out: 137.019+/-0.038 χ^2/NDF: 755655.0/19

Left In: 170.615+/-0.052 χ^2/NDF:502510.5/6

146.822+/-0.030 χ^2/NDF: 1297660.2/25

148.597+/-0.031 χ^2/NDF: 1527570.0/26

asym_bpm0i01aWS_mean vs Slug



Right In: 1282.978+/-46.572 χ^2/NDF: 30540.8/16

Left Out: -3272.590+/-56.445 χ^2/NDF:7100.6/8

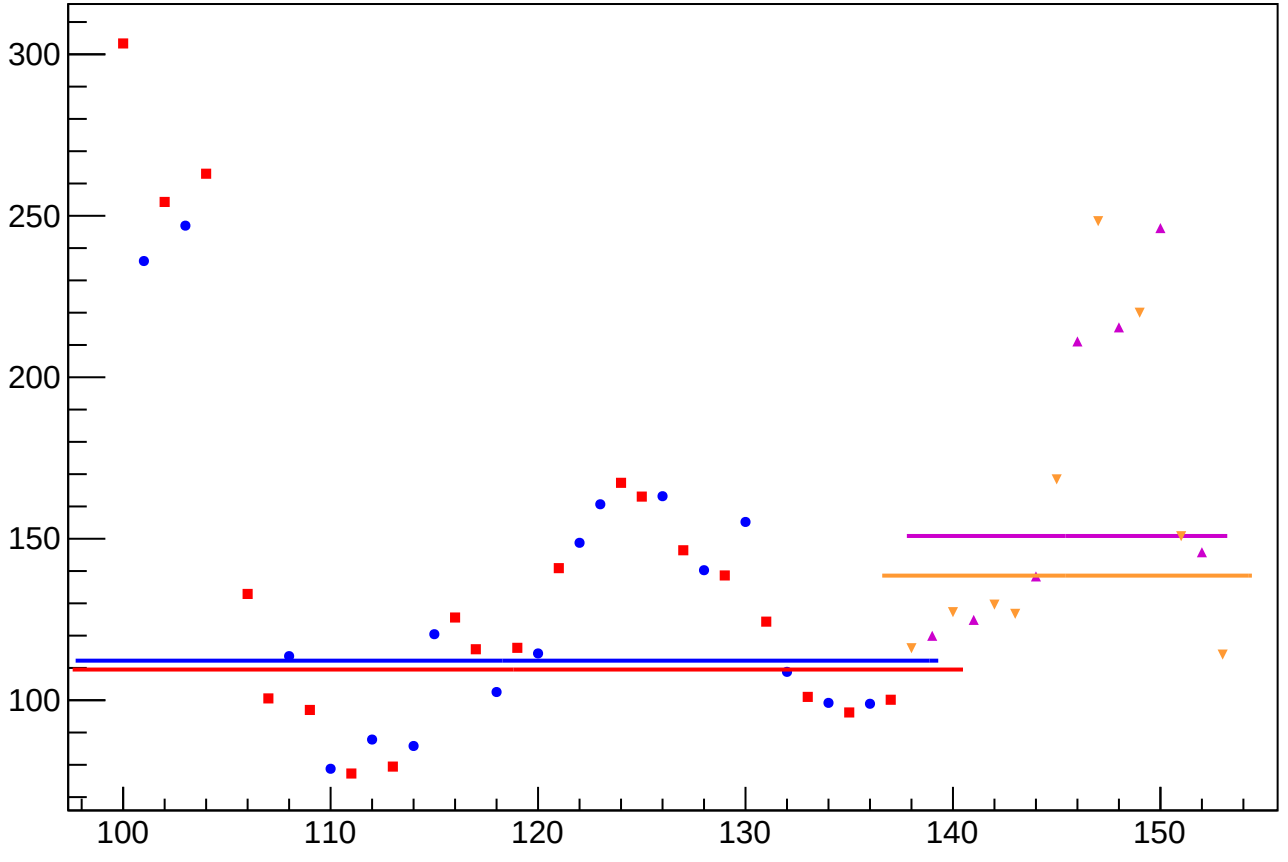
Right Out: 2446.970+/-44.148 χ^2/NDF: 7681.2/19

Left In: 11330.611+/-66.516 χ^2/NDF:10961.5/6

-562.192+/-35.923 χ^2/NDF: 41516.9/25

5163.631+/-36.783 χ^2/NDF: 31025.2/26

asym_bpm0i01aWS_rms vs Slug



Right In: 112.251+/-0.033 χ^2/NDF: 1125537.4/16

Left Out: 138.583+/-0.040 χ^2/NDF:732038.1/8

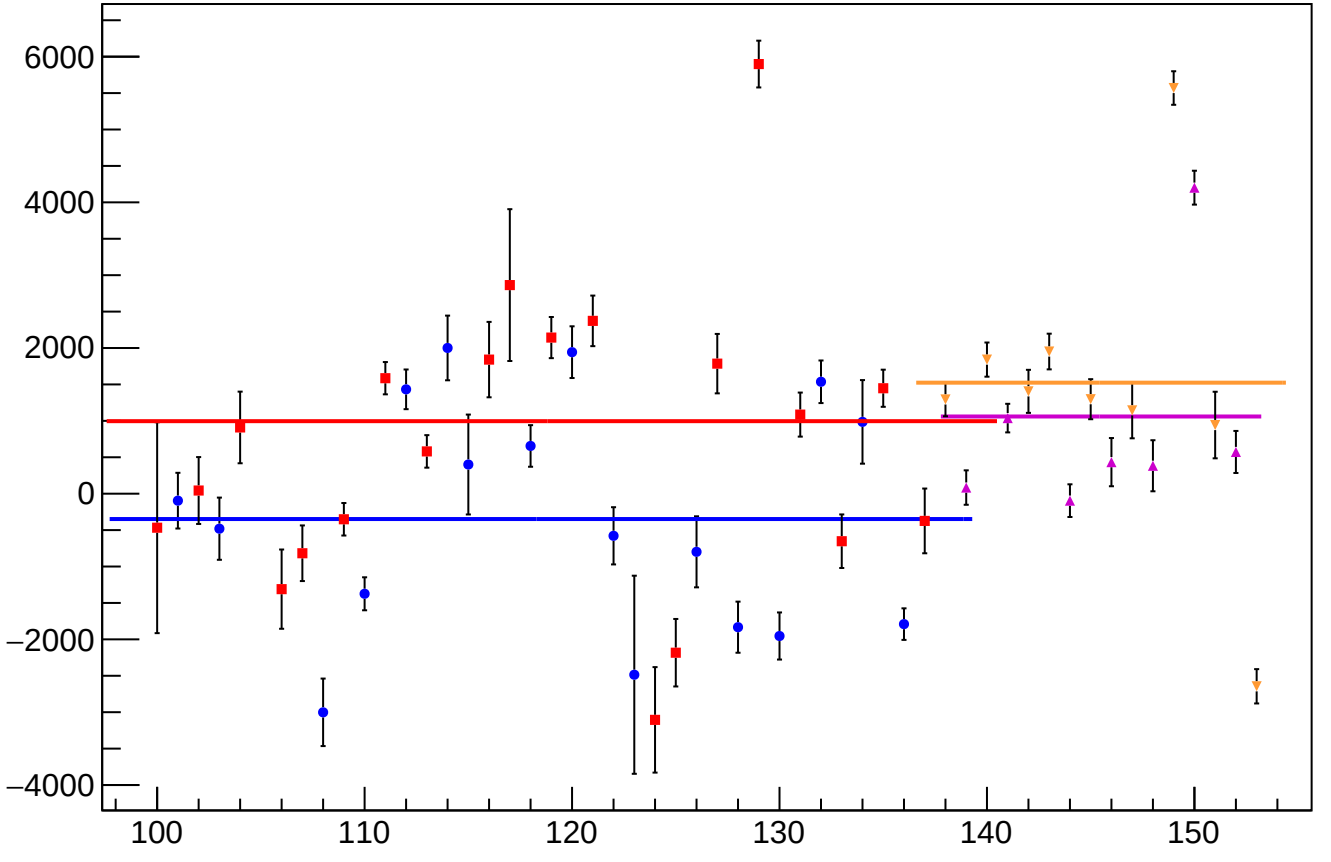
Right Out: 109.500+/-0.031 χ^2/NDF: 1269887.8/19

Left In: 150.859+/-0.047 χ^2/NDF:701211.5/6

122.916+/-0.025 χ^2/NDF: 2116553.2/25

122.148+/-0.026 χ^2/NDF: 2507904.4/26

asym_bpm0l01WS_mean vs Slug



Right In: -348.055+/-83.826 χ^2/NDF: 317.3/16

Left Out: 1524.263+/-88.858 χ^2/NDF:630.8/8

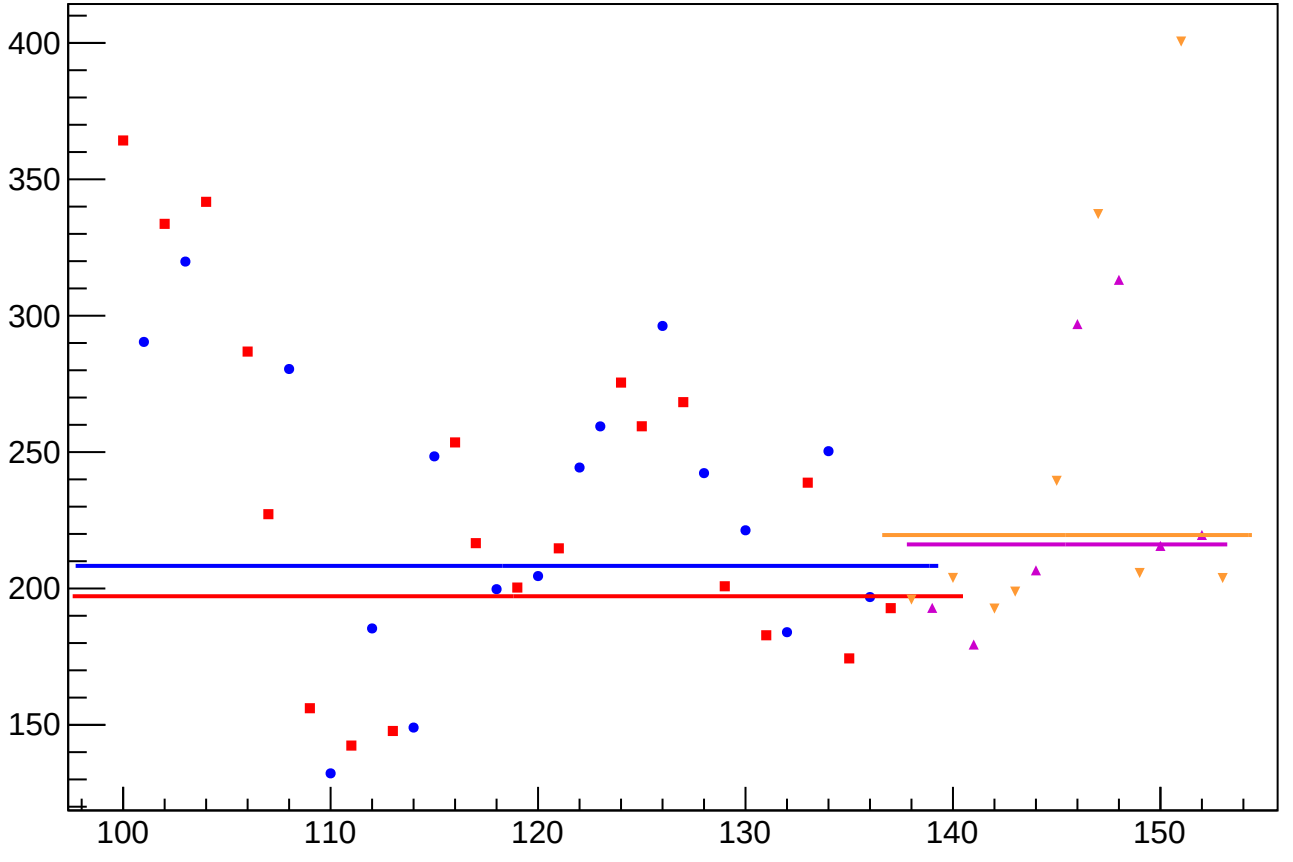
Right Out: 995.622+/-77.468 χ^2/NDF: 479.8/19

Left In: 1059.830+/-94.713 χ^2/NDF:236.1/6

533.597+/-60.975 χ^2/NDF: 1183.0/25

1021.359+/-59.965 χ^2/NDF: 716.1/26

asym_bpm0l01WS_rms vs Slug



Right In: 208.288+/-0.059 χ^2/NDF: 698491.0/16

Left Out: 219.594+/-0.063 χ^2/NDF:589031.2/8

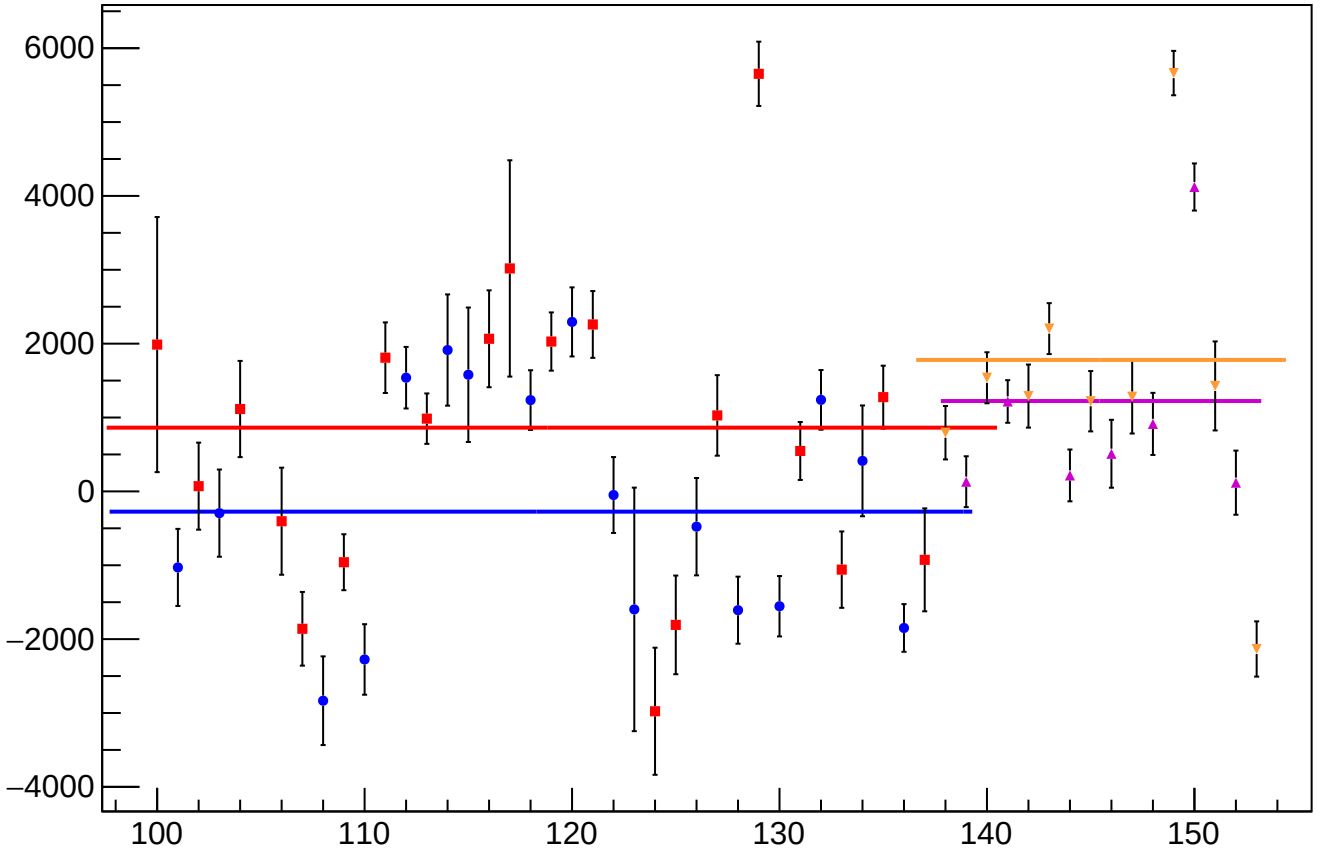
Right Out: 197.159+/-0.055 χ^2/NDF: 927487.8/19

Left In: 216.158+/-0.067 χ^2/NDF:365574.2/6

213.612+/-0.043 χ^2/NDF: 1304655.1/25

204.775+/-0.042 χ^2/NDF: 1341282.2/26

asym_bpm0l02WS_mean vs Slug



Right In: -274.260+/-121.326 χ^2/NDF: 171.6/16

Left Out: 1779.903+/-128.090 χ^2/NDF:290.5/8

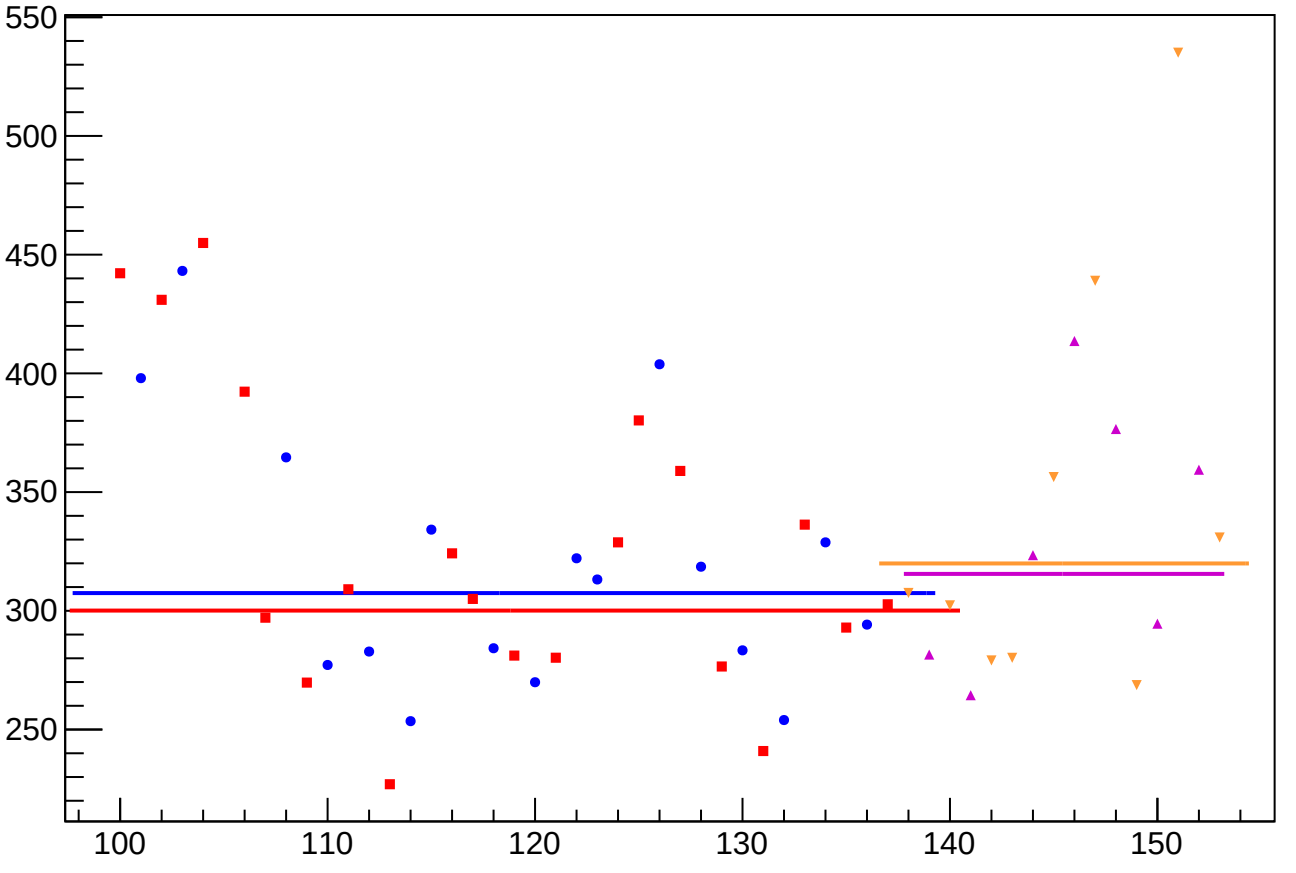
Right Out: 862.791+/-114.993 χ^2/NDF: 265.4/19

Left In: 1223.401+/-135.957 χ^2/NDF:110.2/6

697.155+/-88.084 χ^2/NDF: 597.6/25

1013.179+/-87.799 χ^2/NDF: 379.8/26

asym_bpm0l02WS_rms vs Slug



Right In: 307.468+/-0.086 χ^2/NDF: 323096.7/16

Left Out: 319.945+/-0.091 χ^2/NDF:497390.0/8

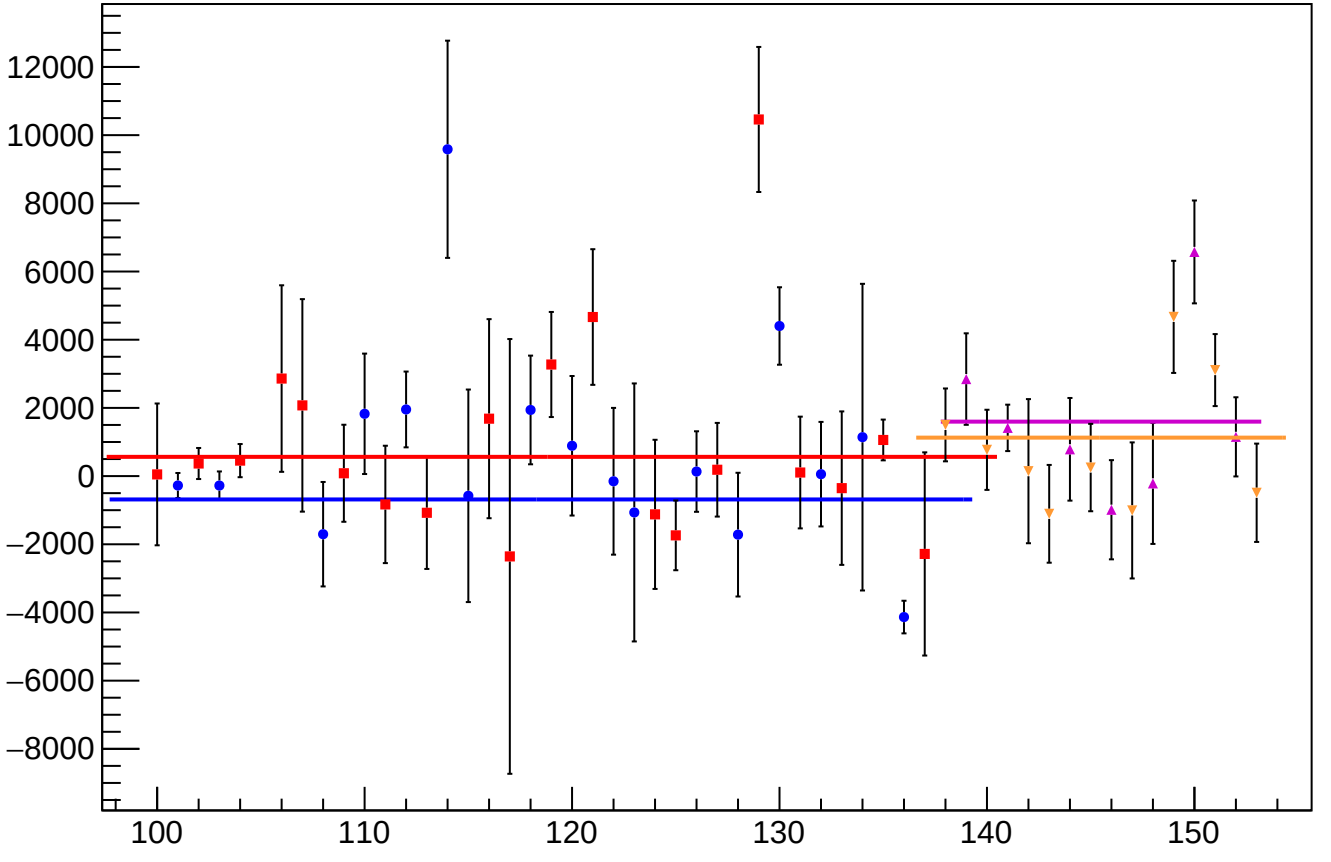
Right Out: 300.100+/-0.081 χ^2/NDF: 490421.6/19

Left In: 315.545+/-0.096 χ^2/NDF:245455.9/6

313.368+/-0.062 χ^2/NDF: 830489.5/25

306.541+/-0.062 χ^2/NDF: 750924.0/26

asym_bpm0l03WS_mean vs Slug



Right In: -685.056+/-210.341 χ^2/NDF: 97.4/16

Left Out: 1127.952+/-450.939 χ^2/NDF:13.9/8

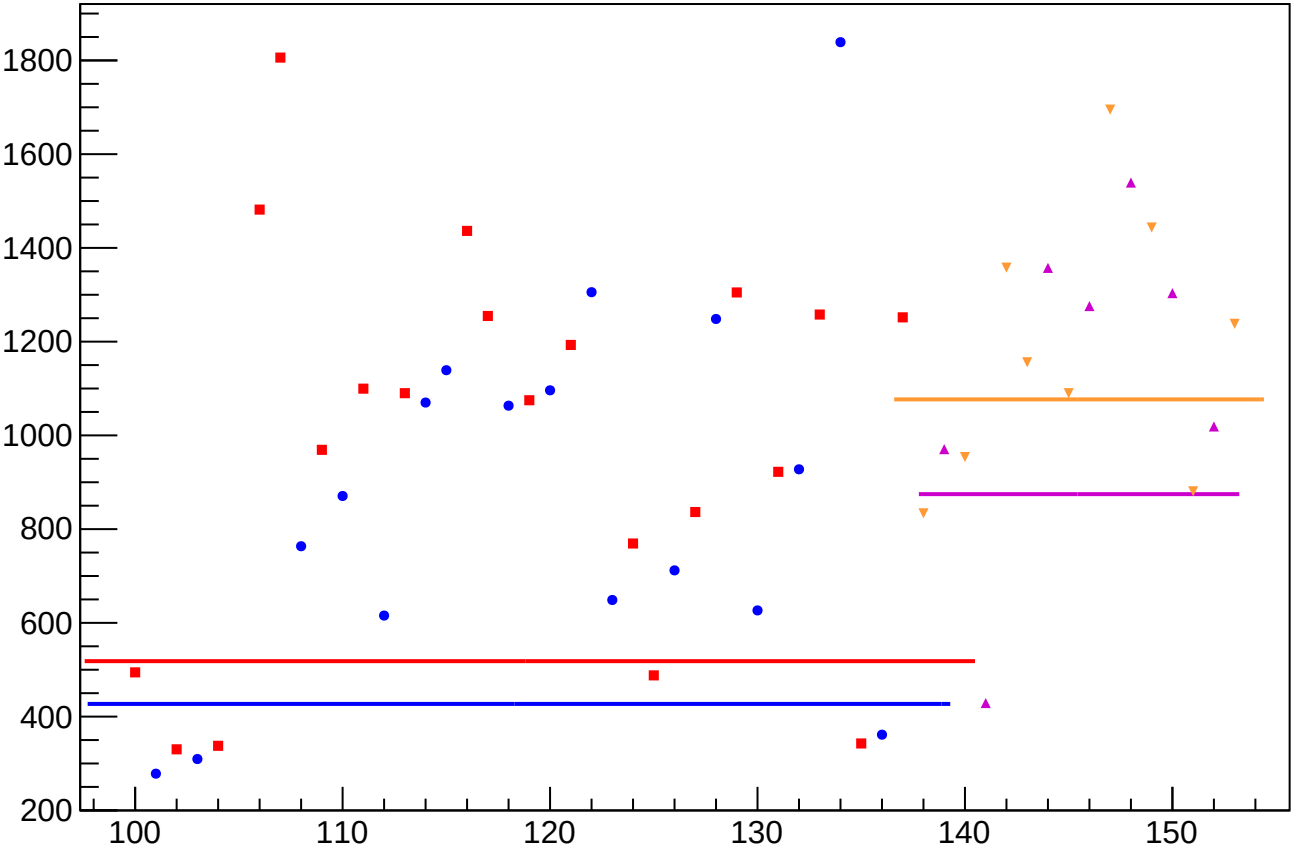
Right Out: 564.400+/-243.074 χ^2/NDF: 39.9/19

Left In: 1597.216+/-441.658 χ^2/NDF:16.5/6

-361.078+/-190.623 χ^2/NDF: 124.5/25

804.513+/-212.953 χ^2/NDF: 60.6/26

asym_bpm0l03WS_rms vs Slug



Right In: 427.079+/-0.149 χ^2/NDF: 2865678.7/16

Left Out: 1076.807+/-0.319 χ^2/NDF:552619.1/8

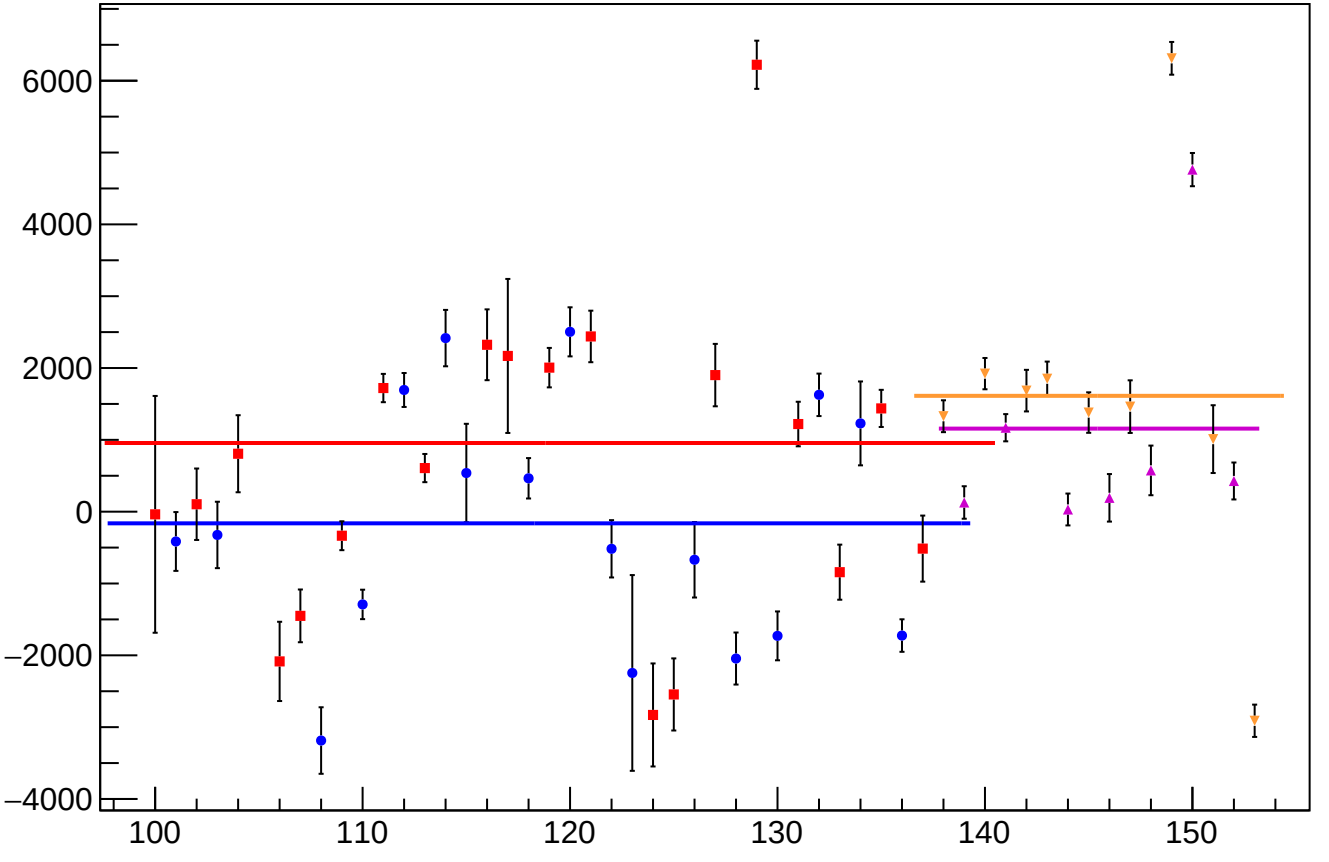
Right Out: 518.306+/-0.172 χ^2/NDF: 3631833.9/19

Left In: 874.658+/-0.312 χ^2/NDF:1698661.9/6

543.183+/-0.135 χ^2/NDF: 6828356.1/25

601.152+/-0.151 χ^2/NDF: 6329809.4/26

asym_bpm0l04WS_mean vs Slug



Right In: -162.333+/-82.350 χ^2/NDF: 387.6/16

Left Out: 1612.788+/-86.244 χ^2/NDF:836.6/8

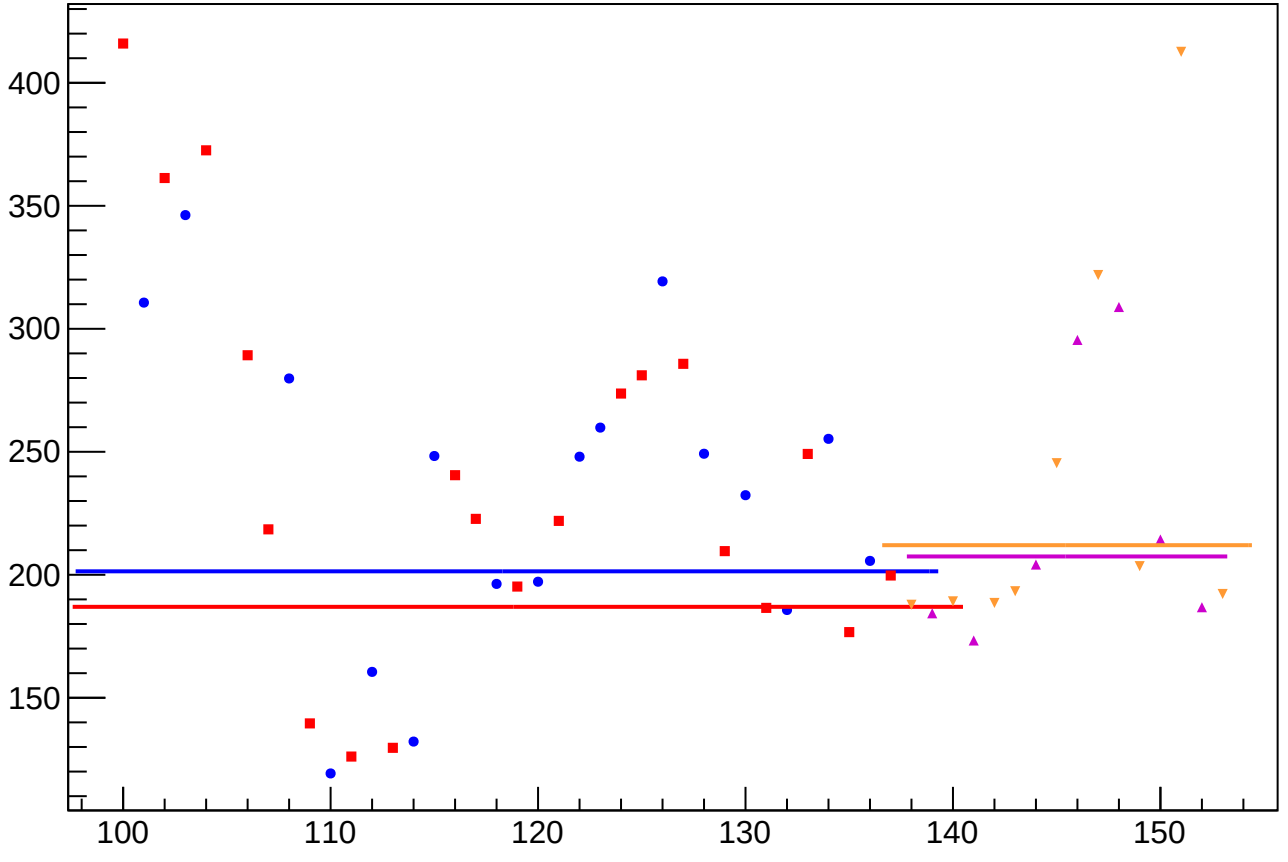
Right Out: 956.044+/-74.949 χ^2/NDF: 541.1/19

Left In: 1156.485+/-91.662 χ^2/NDF:308.6/6

684.250+/-59.559 χ^2/NDF: 1445.8/25

1036.359+/-58.022 χ^2/NDF: 852.6/26

asym_bpm0l04WS_rms vs Slug



Right In: 201.409+/-0.058 χ^2/NDF: 1056022.1/16

Left Out: 212.033+/-0.061 χ^2/NDF:658608.1/8

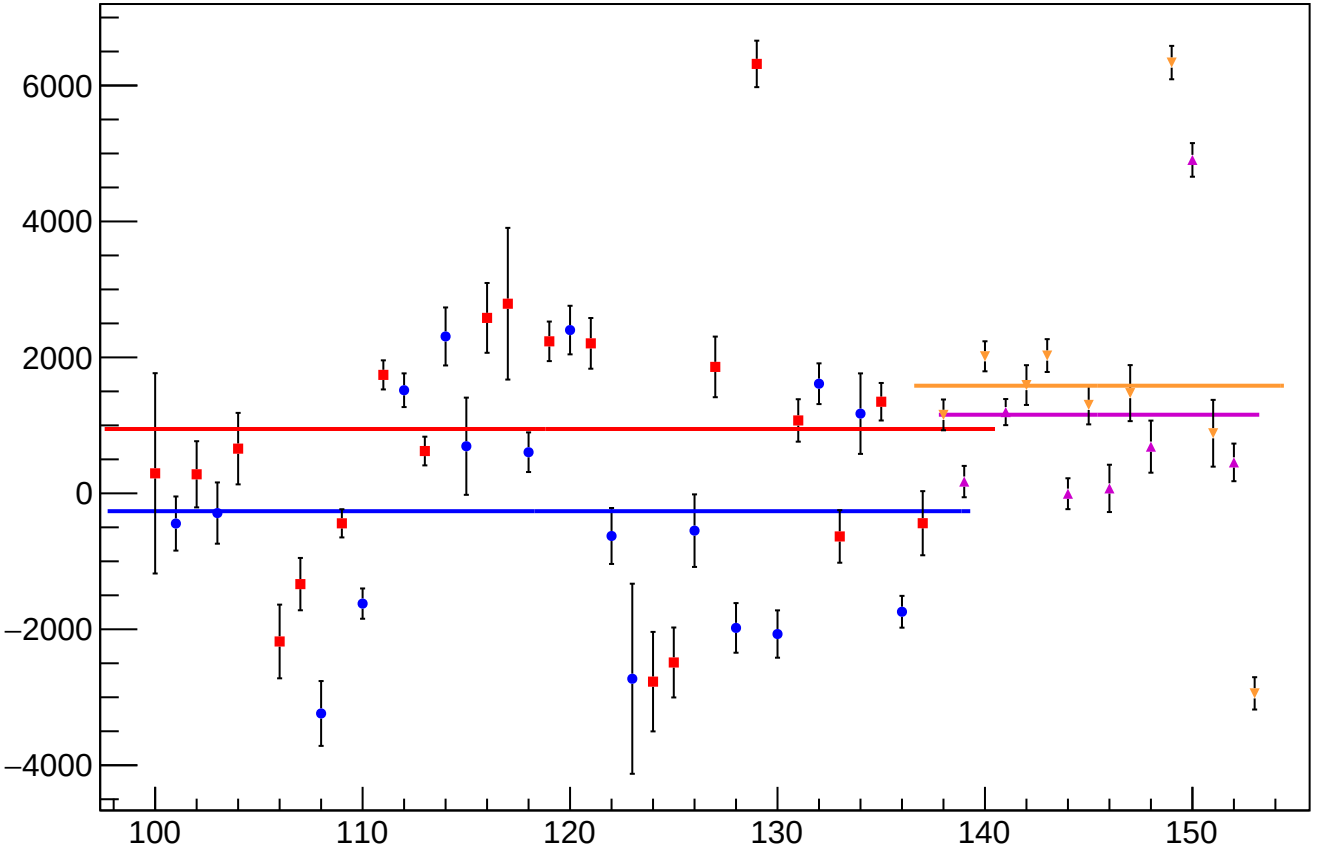
Right Out: 186.973+/-0.053 χ^2/NDF: 1395397.8/19

Left In: 207.452+/-0.065 χ^2/NDF:414722.6/6

206.476+/-0.042 χ^2/NDF: 1730503.7/25

195.179+/-0.041 χ^2/NDF: 1869951.0/26

asym_bpm0l05WS_mean vs Slug



Right In: -262.324+/-85.433 χ^2/NDF: 368.7/16

Left Out: 1583.511+/-89.355 χ^2/NDF:750.7/8

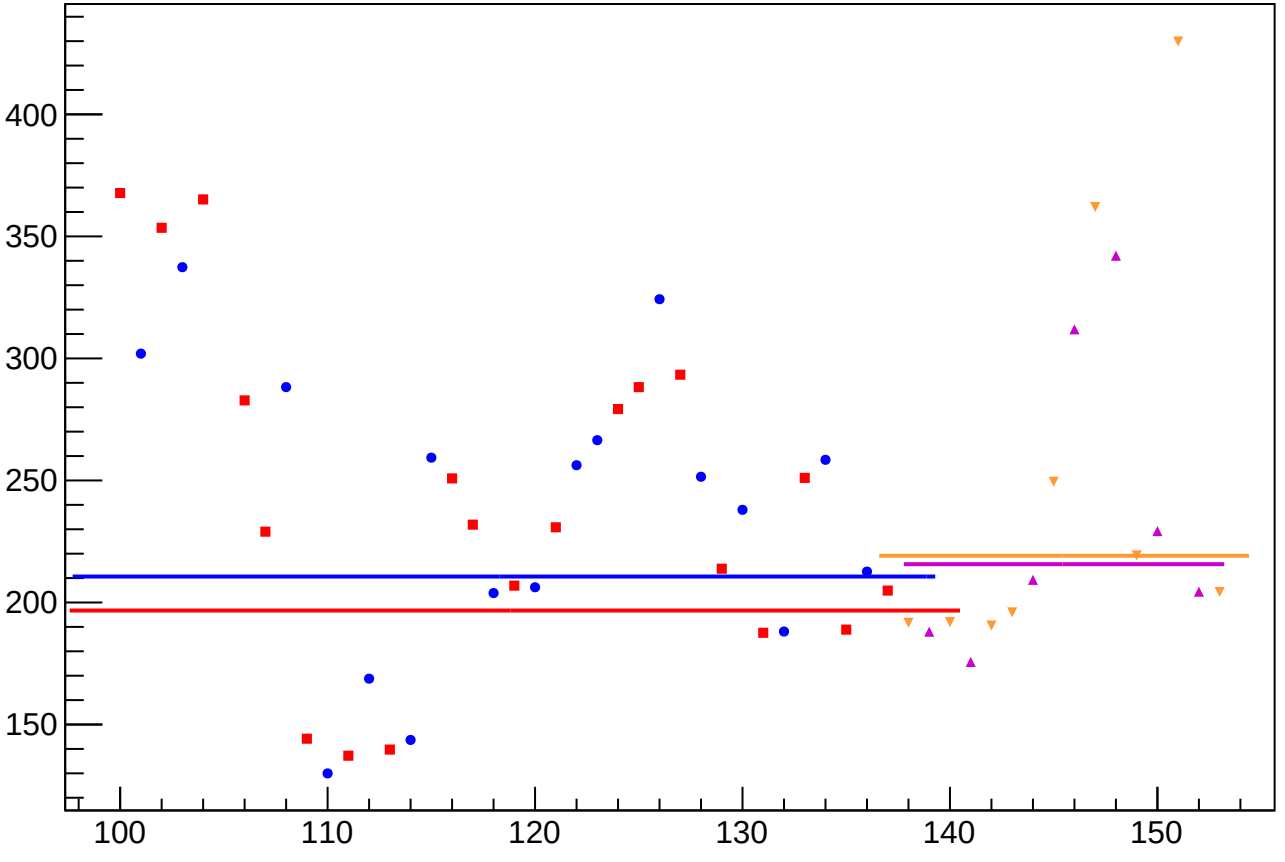
Right Out: 946.785+/-78.241 χ^2/NDF: 524.6/19

Left In: 1156.628+/-95.458 χ^2/NDF:291.5/6

619.198+/-61.750 χ^2/NDF: 1342.3/25

1031.109+/-60.512 χ^2/NDF: 819.1/26

asym_bpm0l05WS_rms vs Slug



Right In: 210.636+/-0.060 χ^2/NDF: 875776.4/16

Left Out: 219.149+/-0.063 χ^2/NDF:735575.1/8

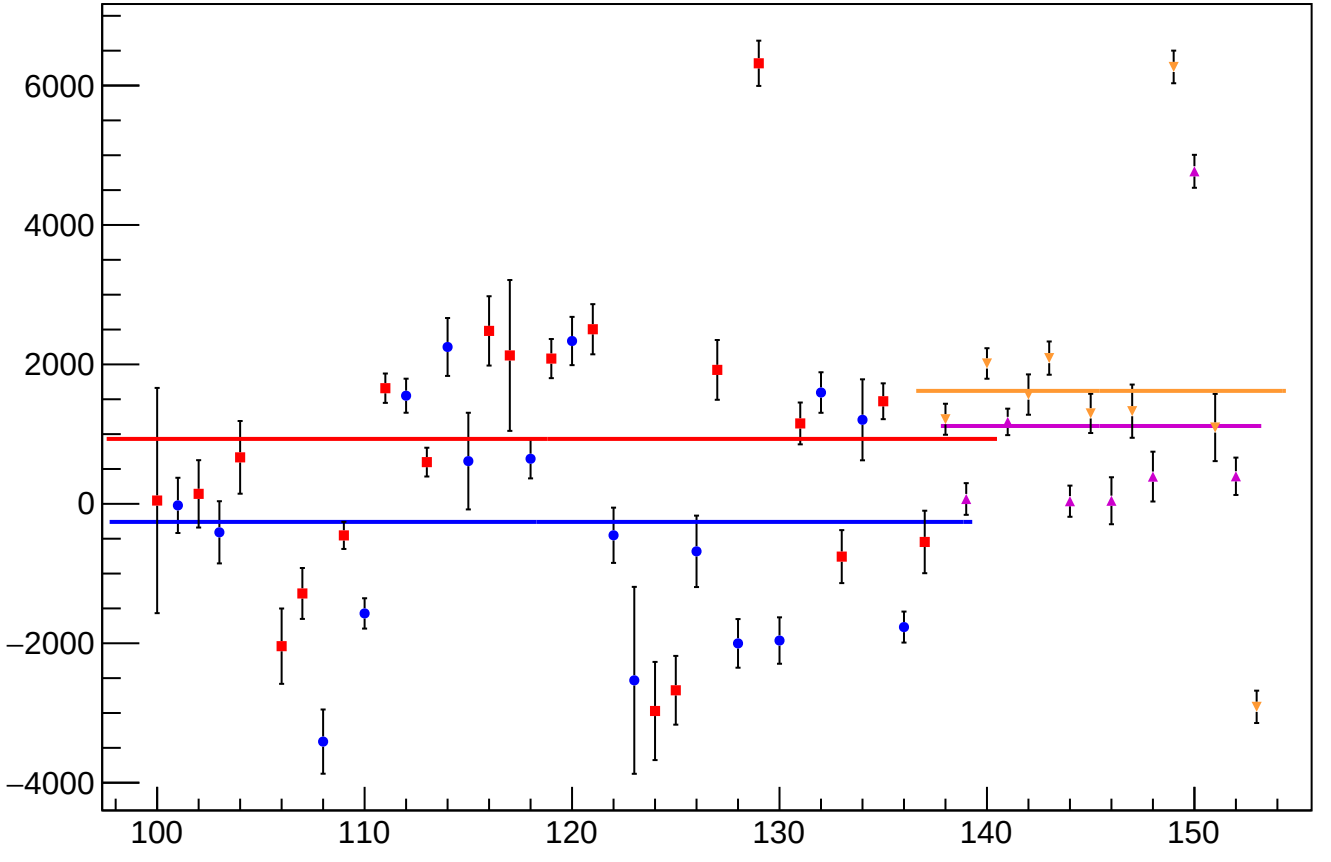
Right Out: 196.702+/-0.055 χ^2/NDF: 1207089.6/19

Left In: 215.694+/-0.067 χ^2/NDF:497204.9/6

214.702+/-0.044 χ^2/NDF: 1620836.5/25

204.334+/-0.043 χ^2/NDF: 1751648.2/26

asym_bpm0l06WS_mean vs Slug



Right In: -259.139+/-82.802 χ^2/NDF: 391.2/16

Left Out: 1620.231+/-87.294 χ^2/NDF:789.4/8

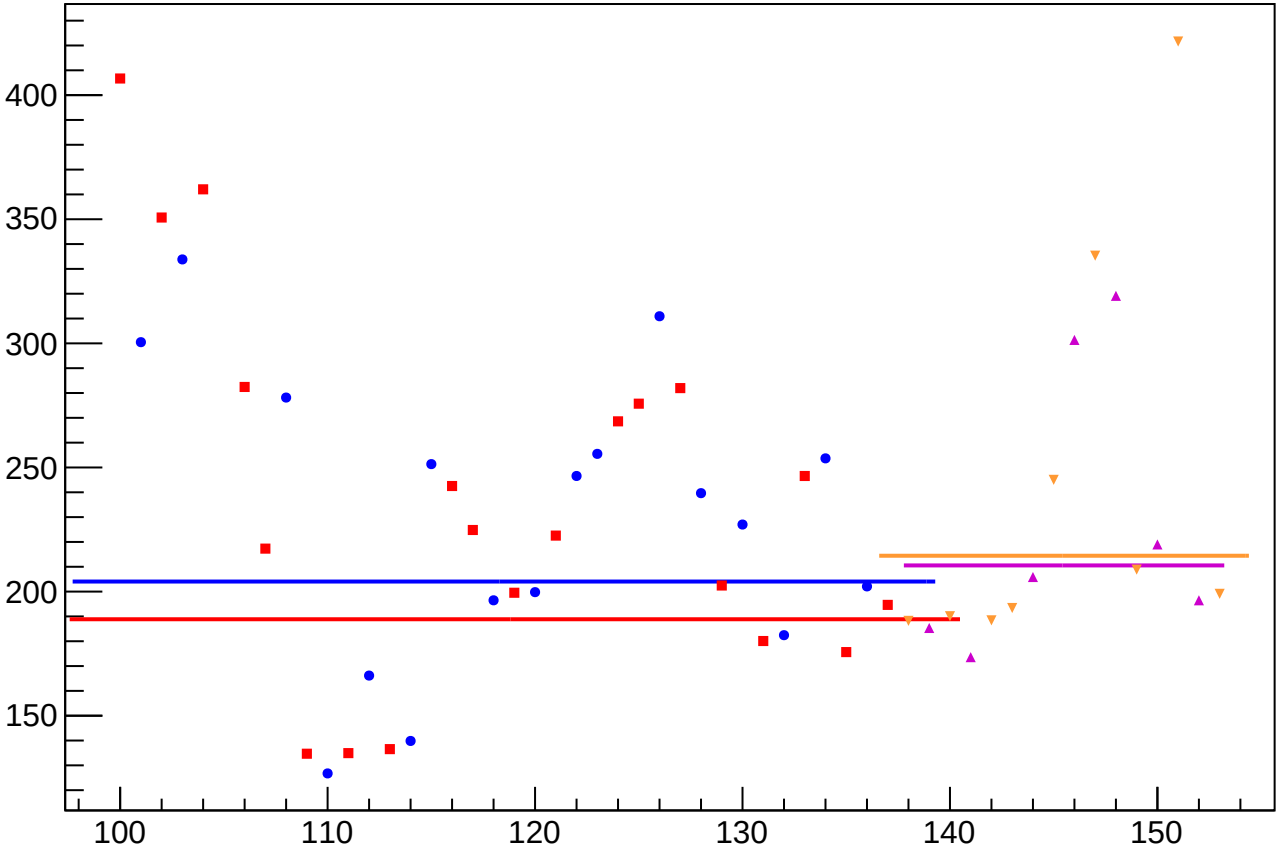
Right Out: 931.363+/-75.320 χ^2/NDF: 583.1/19

Left In: 1116.663+/-93.030 χ^2/NDF:304.8/6

630.951+/-60.075 χ^2/NDF: 1424.6/25

1004.734+/-58.539 χ^2/NDF: 890.3/26

asym_bpm0l06WS_rms vs Slug



Right In: 204.051+/-0.059 χ^2/NDF: 868423.0/16

Left Out: 214.444+/-0.062 χ^2/NDF:687763.3/8

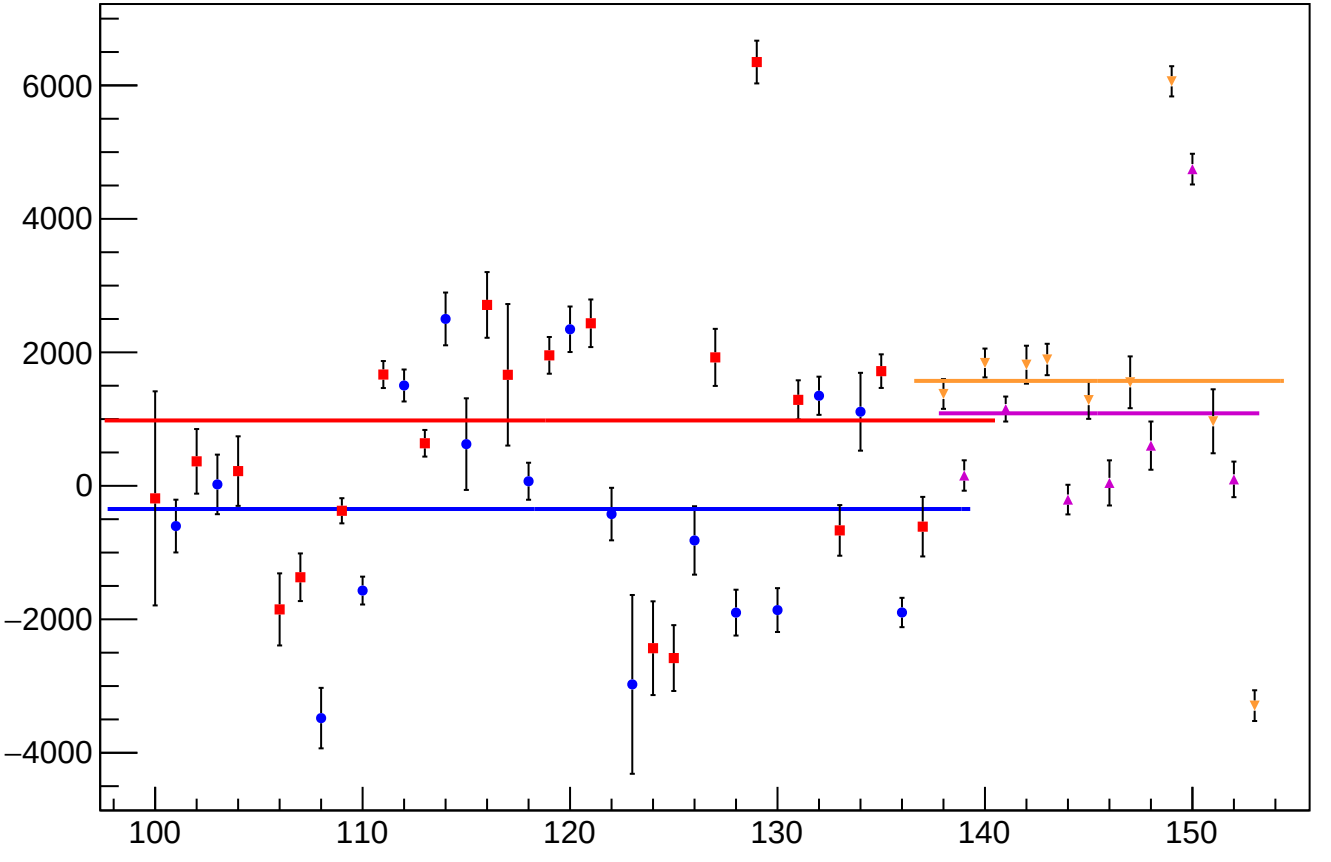
Right Out: 188.856+/-0.053 χ^2/NDF: 1253327.1/19

Left In: 210.542+/-0.066 χ^2/NDF:439395.1/6

208.974+/-0.042 χ^2/NDF: 1571109.5/25

197.443+/-0.041 χ^2/NDF: 1758372.3/26

asym_bpm0l07WS_mean vs Slug



Right In: -347.240+/-81.318 χ^2/NDF: 399.1/16

Left Out: 1572.220+/-86.389 χ^2/NDF:846.5/8

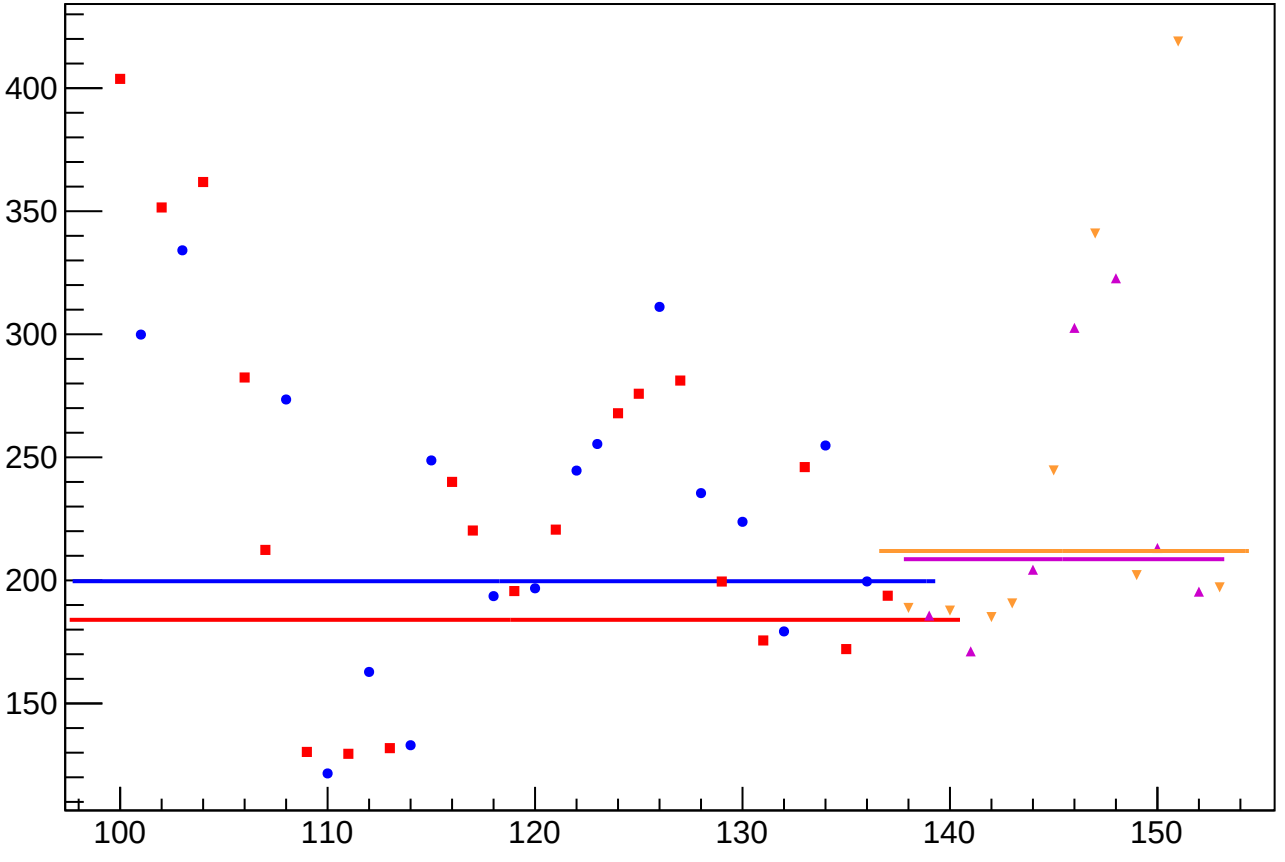
Right Out: 979.606+/-73.710 χ^2/NDF: 586.1/19

Left In: 1086.431+/-92.271 χ^2/NDF:328.6/6

554.501+/-59.212 χ^2/NDF: 1507.4/25

1021.220+/-57.590 χ^2/NDF: 915.5/26

asym_bpm0l07WS_rms vs Slug



Right In: 199.669+/-0.058 χ^2/NDF: 943155.1/16

Left Out: 211.946+/-0.061 χ^2/NDF:713917.3/8

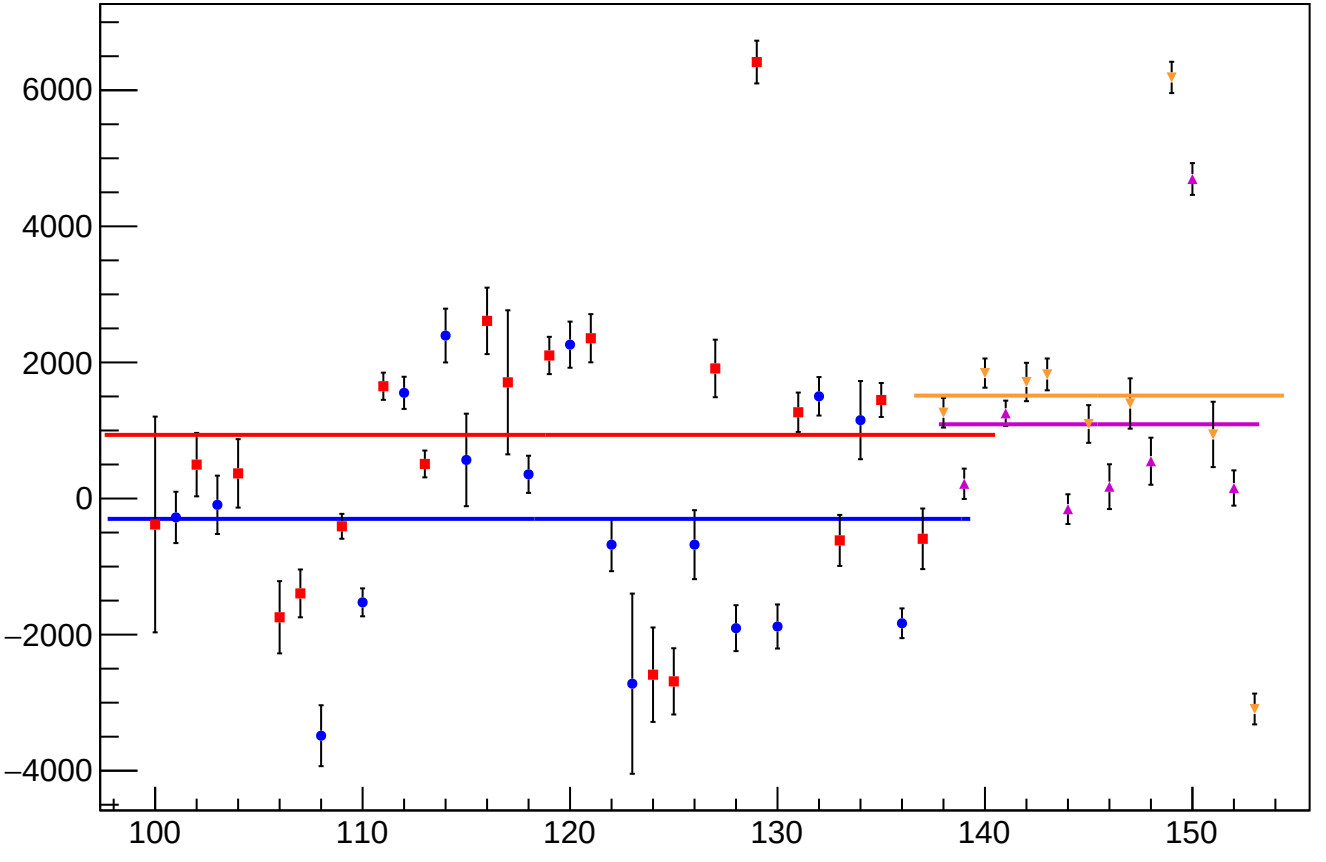
Right Out: 183.984+/-0.052 χ^2/NDF: 1351978.1/19

Left In: 208.615+/-0.065 χ^2/NDF:460688.1/6

205.436+/-0.042 χ^2/NDF: 1678487.0/25

193.579+/-0.041 χ^2/NDF: 1899658.4/26

asym_bpm0l08WS_mean vs Slug



Right In: -298.963+/-80.162 χ^2/NDF: 406.6/16

Left Out: 1512.802+/-85.529 χ^2/NDF:836.4/8

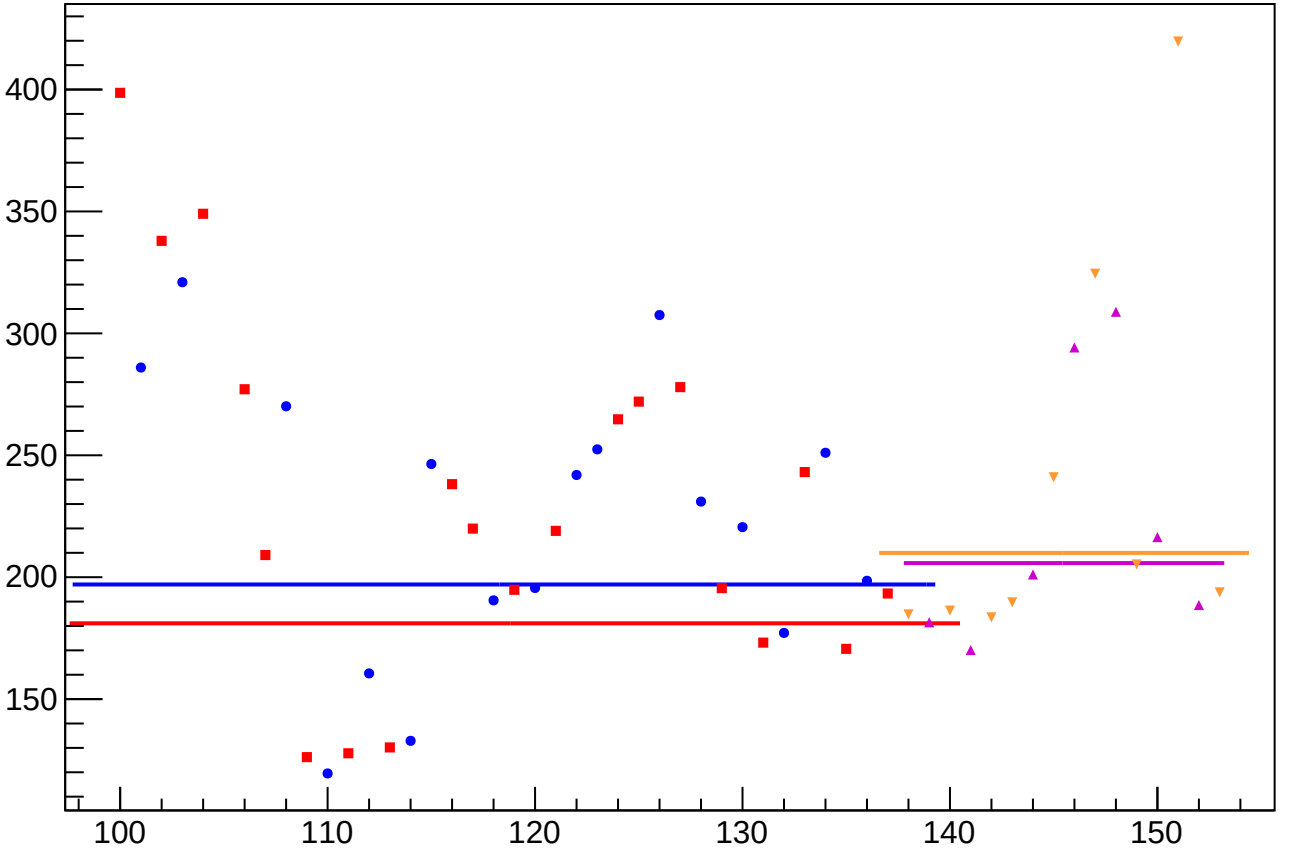
Right Out: 935.490+/-72.580 χ^2/NDF: 615.3/19

Left In: 1091.264+/-90.991 χ^2/NDF:310.1/6

548.290+/-58.489 χ^2/NDF: 1481.8/25

996.062+/-56.740 χ^2/NDF: 927.2/26

asym_bpm0l08WS_rms vs Slug



Right In: 197.013+/-0.057 χ^2/NDF: 911923.5/16

Left Out: 209.971+/-0.060 χ^2/NDF:693505.7/8

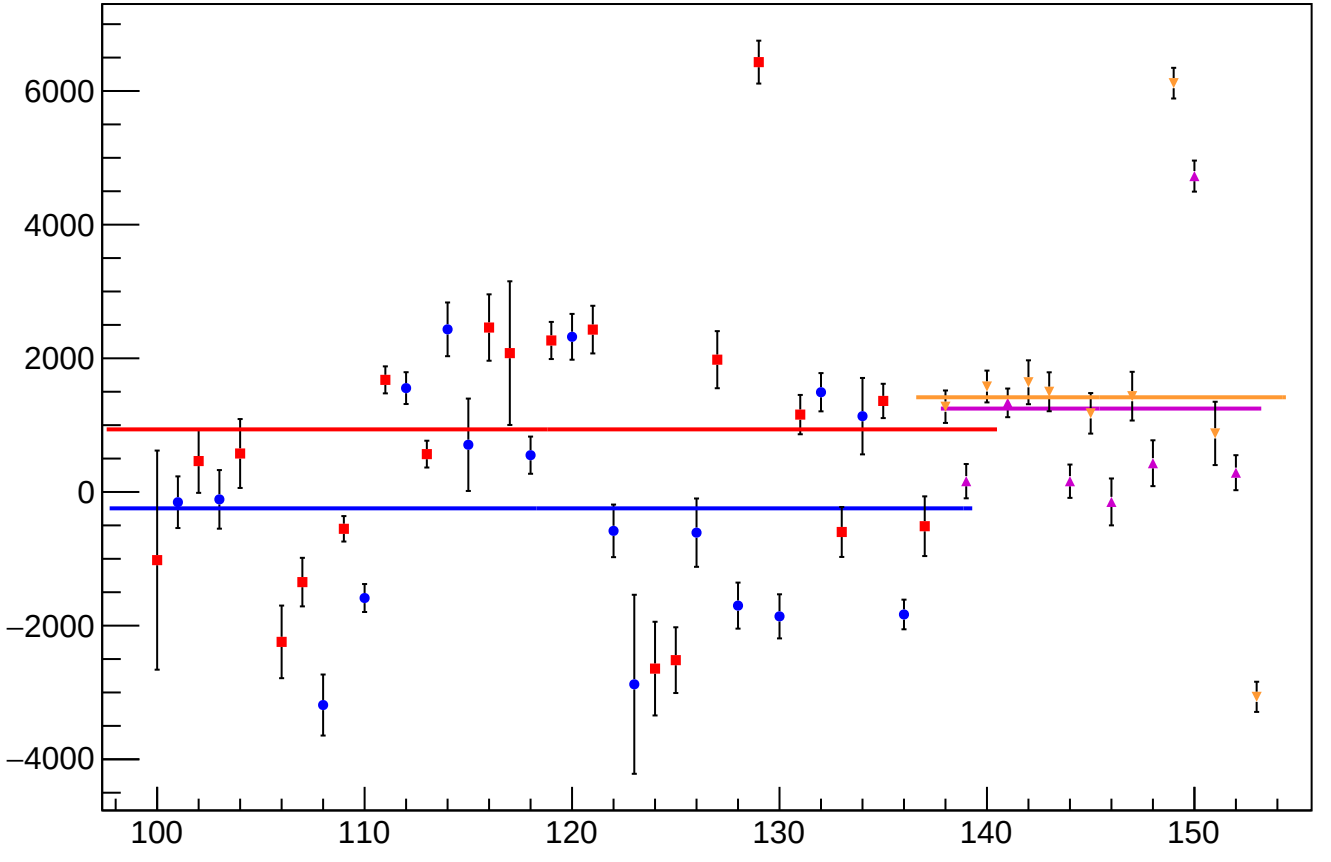
Right Out: 181.089+/-0.051 χ^2/NDF: 1348390.5/19

Left In: 205.791+/-0.064 χ^2/NDF:433182.1/6

203.073+/-0.041 χ^2/NDF: 1629868.2/25

190.694+/-0.040 χ^2/NDF: 1871651.9/26

asym_bpm0l09WS_mean vs Slug



Right In: -244.925+/-81.395 χ^2/NDF: 391.4/16

Left Out: 1417.156+/-92.385 χ^2/NDF:817.2/8

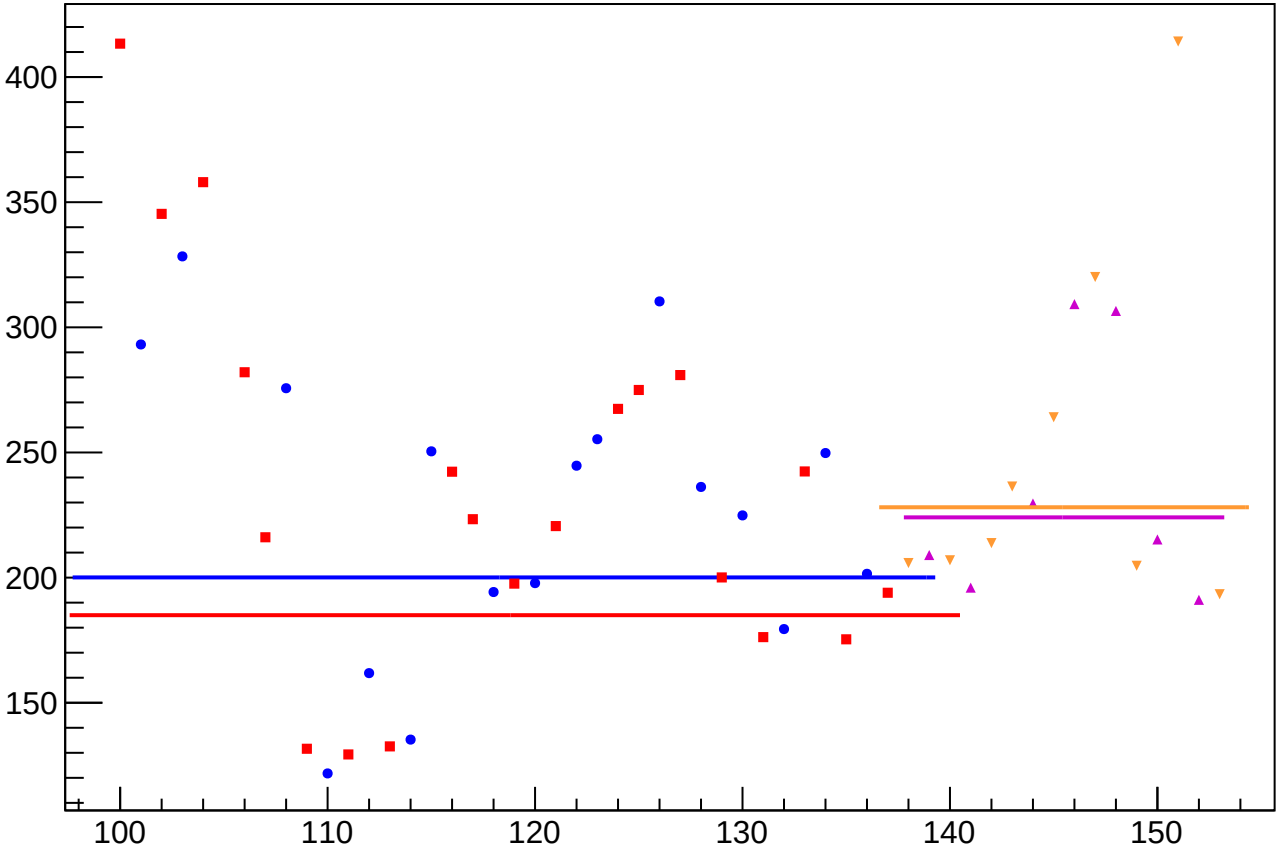
Right Out: 936.709+/-74.030 χ^2/NDF: 610.9/19

Left In: 1247.982+/-98.652 χ^2/NDF:296.1/6

481.423+/-61.073 χ^2/NDF: 1390.8/25

1048.846+/-59.212 χ^2/NDF: 913.3/26

asym_bpm0l09WS_rms vs Slug



Right In: 200.078+/-0.058 χ^2/NDF: 918309.2/16

Left Out: 228.108+/-0.065 χ^2/NDF:570486.6/8

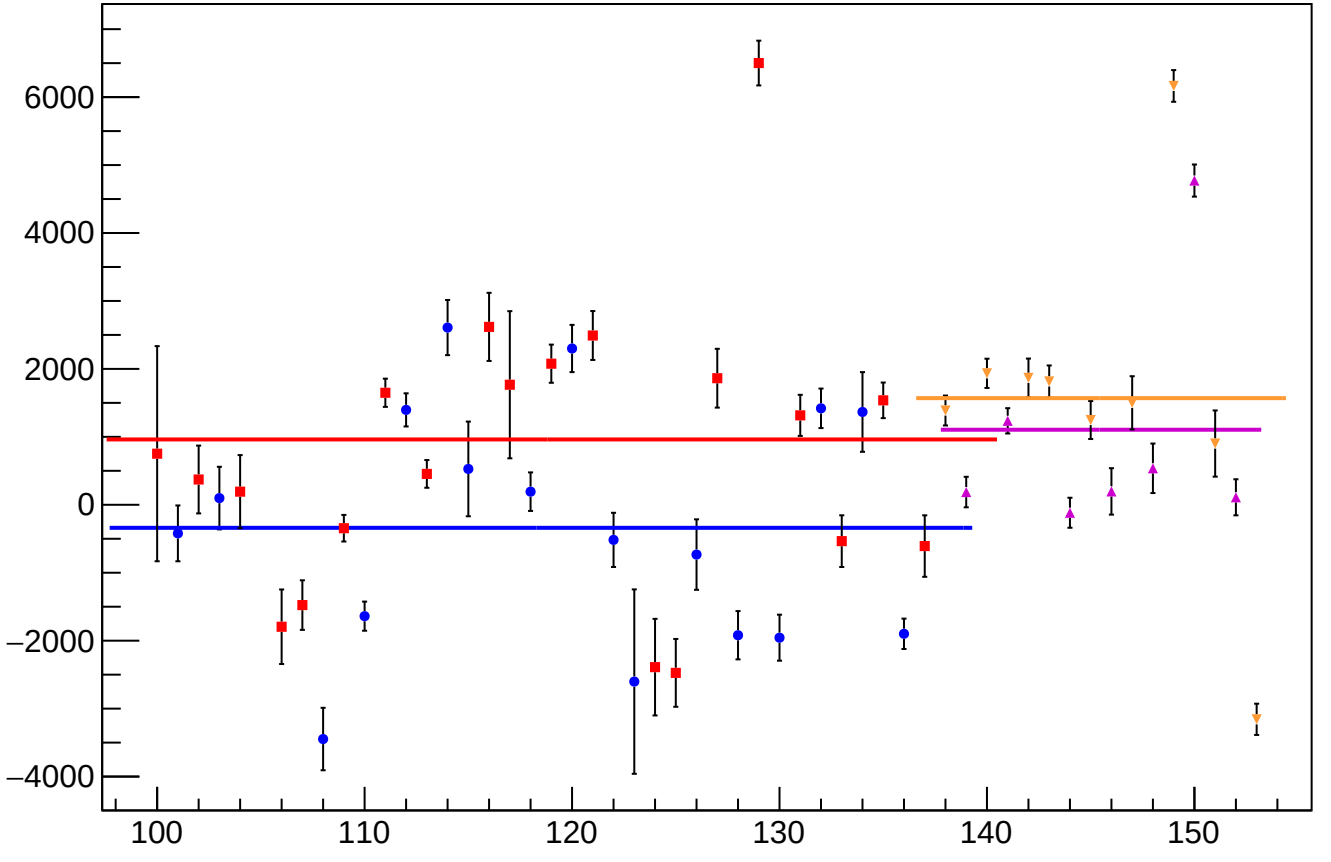
Right Out: 184.990+/-0.052 χ^2/NDF: 1320825.4/19

Left In: 224.072+/-0.070 χ^2/NDF:310291.4/6

212.327+/-0.043 χ^2/NDF: 1592443.0/25

199.069+/-0.042 χ^2/NDF: 1831921.9/26

asym_bpm0l10WS_mean vs Slug



Right In: -338.966+/-83.123 χ^2/NDF: 389.5/16

Left Out: 1569.557+/-86.532 χ^2/NDF:819.4/8

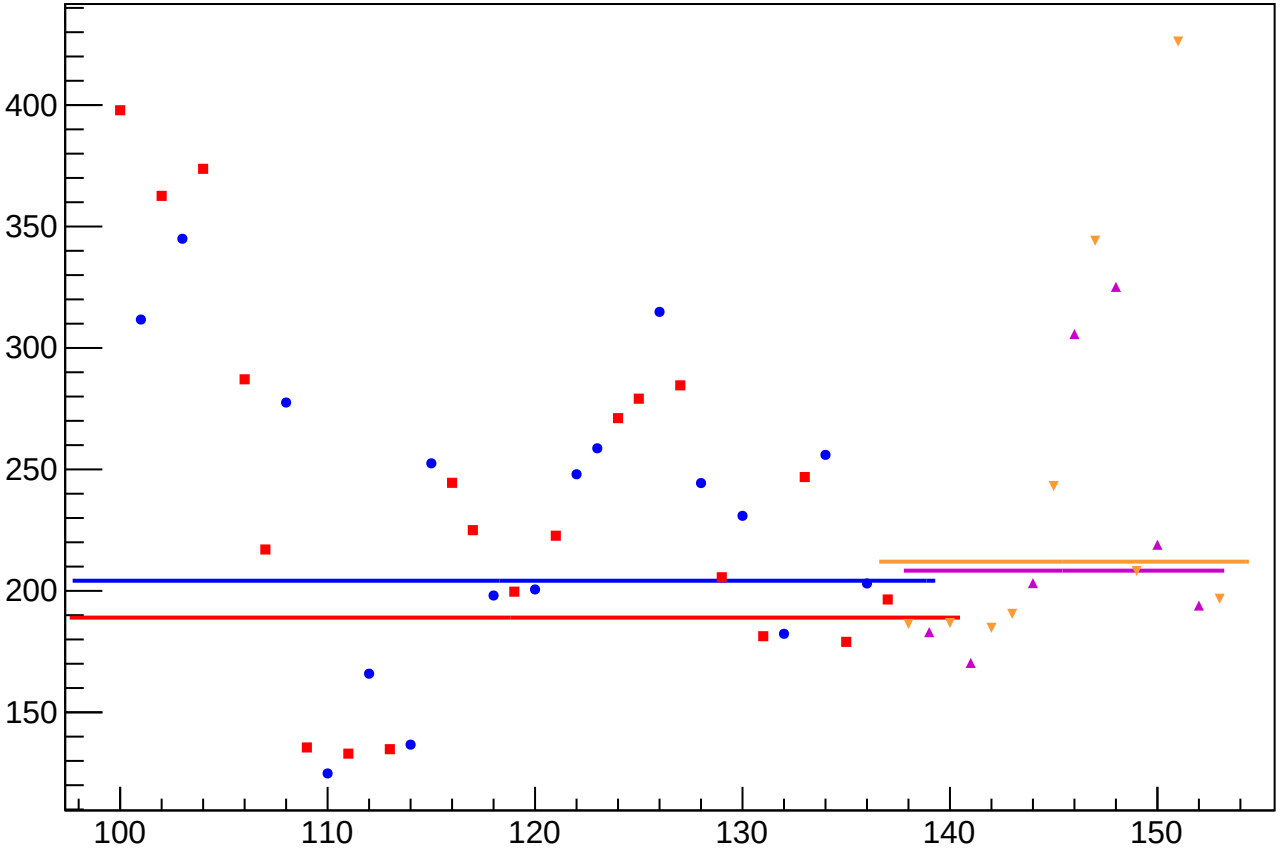
Right Out: 961.556+/-75.564 χ^2/NDF: 570.9/19

Left In: 1104.685+/-92.320 χ^2/NDF:312.0/6

576.956+/-59.946 χ^2/NDF: 1461.9/25

1018.976+/-58.474 χ^2/NDF: 884.3/26

asym_bpm0l10WS_rms vs Slug



Right In: 204.175+/-0.059 χ^2/NDF: 947438.5/16

Left Out: 212.029+/-0.061 χ^2/NDF:737624.4/8

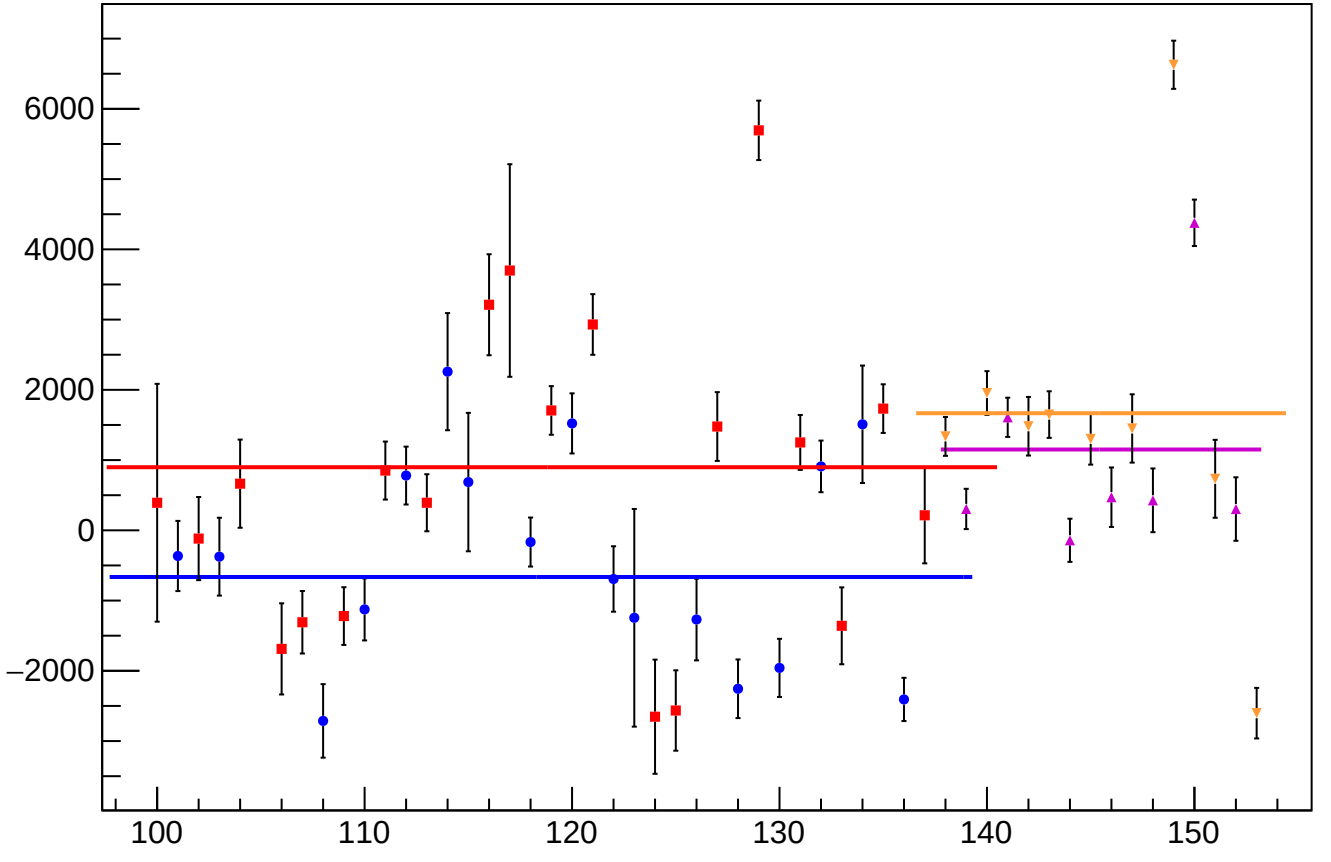
Right Out: 188.997+/-0.053 χ^2/NDF: 1317112.1/19

Left In: 208.326+/-0.065 χ^2/NDF:487812.7/6

207.944+/-0.042 χ^2/NDF: 1693632.0/25

196.751+/-0.041 χ^2/NDF: 1857423.8/26

asym_bpm0r03WS_mean vs Slug



Right In: -664.383+/-113.949 χ^2/NDF: 154.3/16

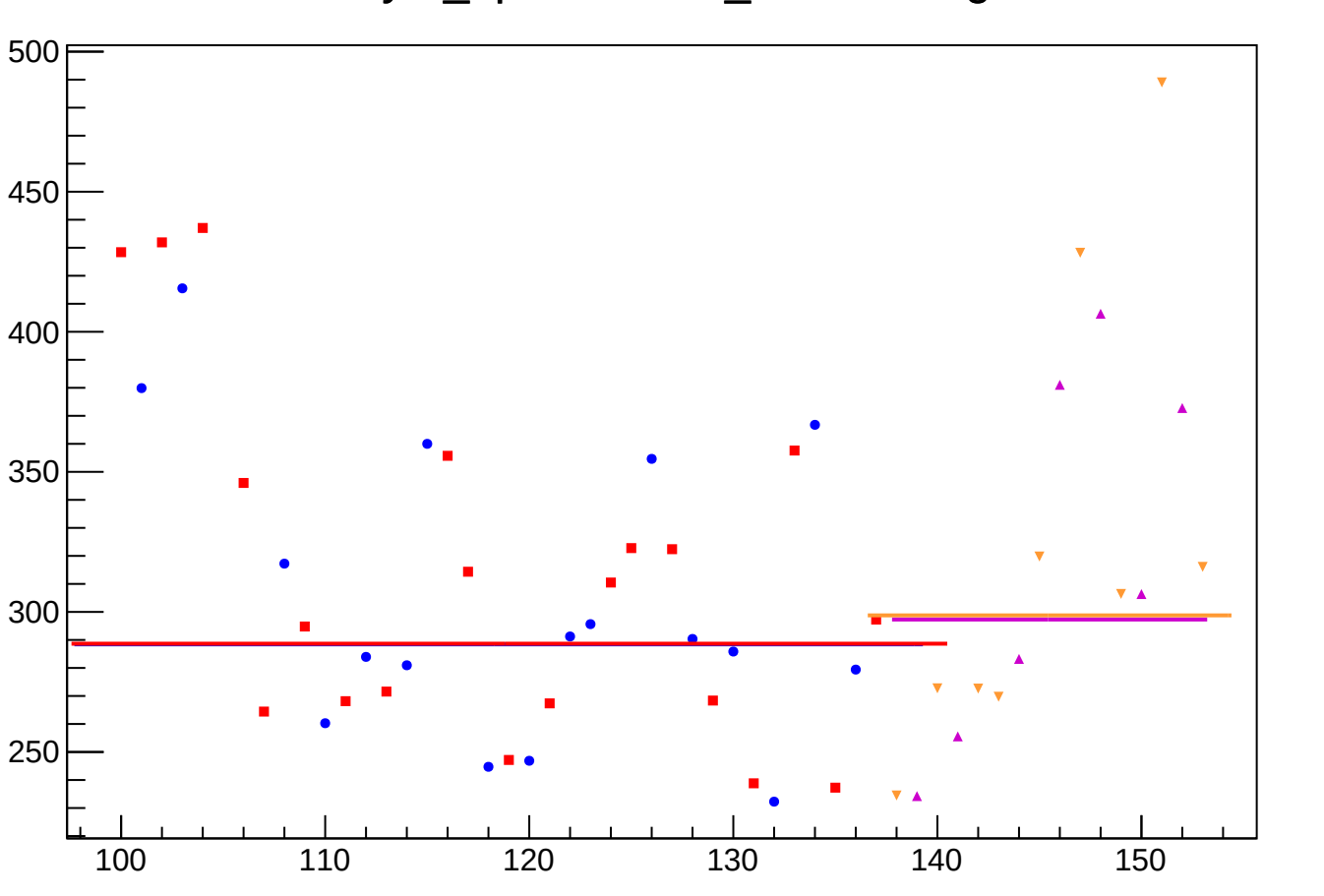
Left Out: 1667.212+/-120.099 χ^2/NDF:356.4/8

Right Out: 898.290+/-110.578 χ^2/NDF: 323.5/19

Left In: 1150.496+/-129.023 χ^2/NDF:133.1/6

440.183+/-82.663 χ^2/NDF: 709.1/25

1005.092+/-83.961 χ^2/NDF: 458.8/26



Right In: 288.428+/-0.081 χ^2/NDF: 339820.0/16

Left Out: 298.769+/-0.085 χ^2/NDF:534164.5/8

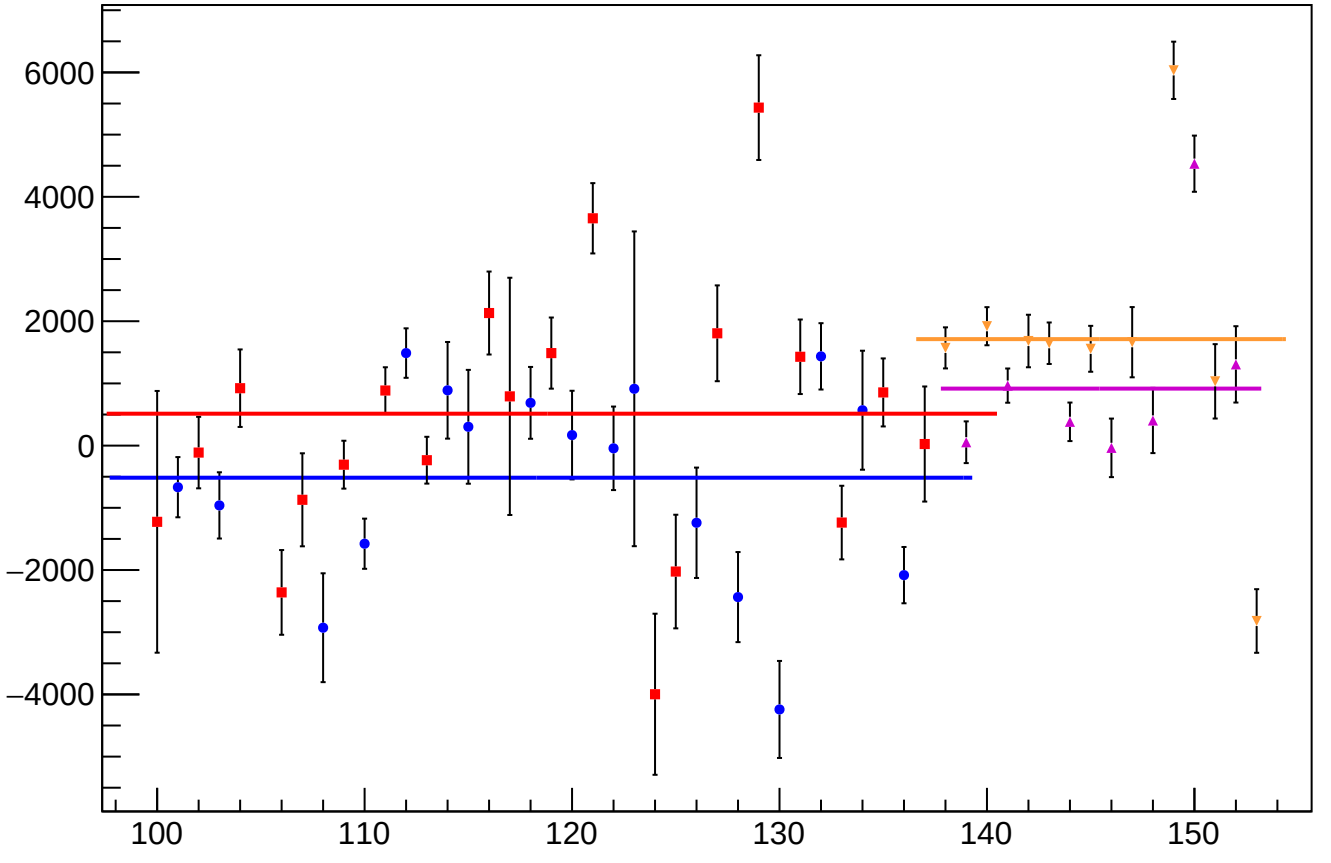
Right Out: 288.660+/-0.078 χ^2/NDF: 455989.7/19

Left In: 297.288+/-0.091 χ^2/NDF:396871.5/6

293.327+/-0.058 χ^2/NDF: 881787.5/25

292.313+/-0.059 χ^2/NDF: 858017.1/26

asym_bpm0r05WS_mean vs Slug



Right In: -515.894+/-147.326 χ^2/NDF: 108.0/16

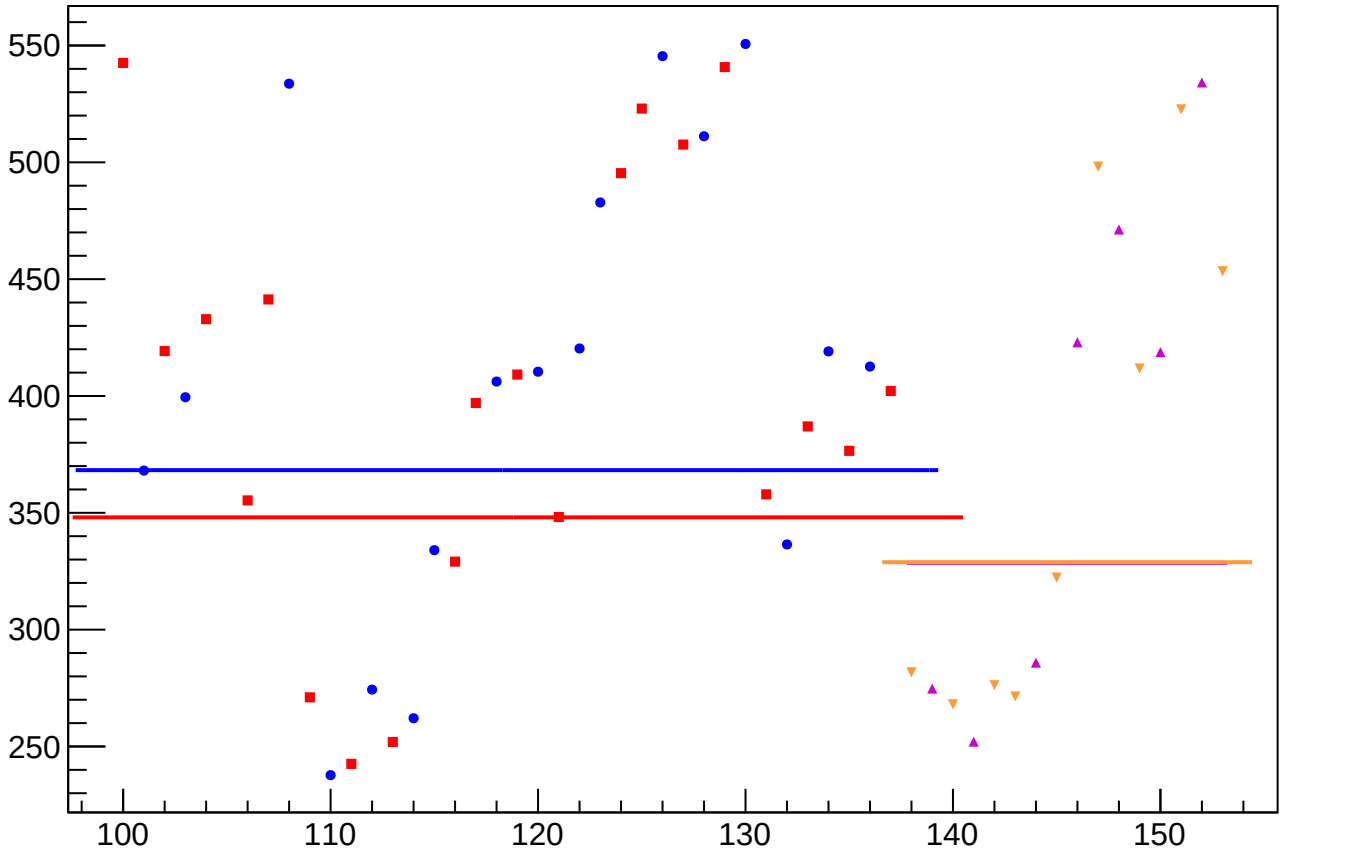
Left Out: 1712.161+/-133.346 χ^2/NDF:168.7/8

Right Out: 513.264+/-135.456 χ^2/NDF: 141.3/19

Left In: 916.623+/-143.999 χ^2/NDF:79.2/6

708.842+/-98.864 χ^2/NDF: 402.4/25

702.624+/-98.664 χ^2/NDF: 224.6/26



Right In: 368.264+/-0.104 χ^2/NDF: 770116.6/16

Left Out: 328.861+/-0.094 χ^2/NDF:783752.9/8

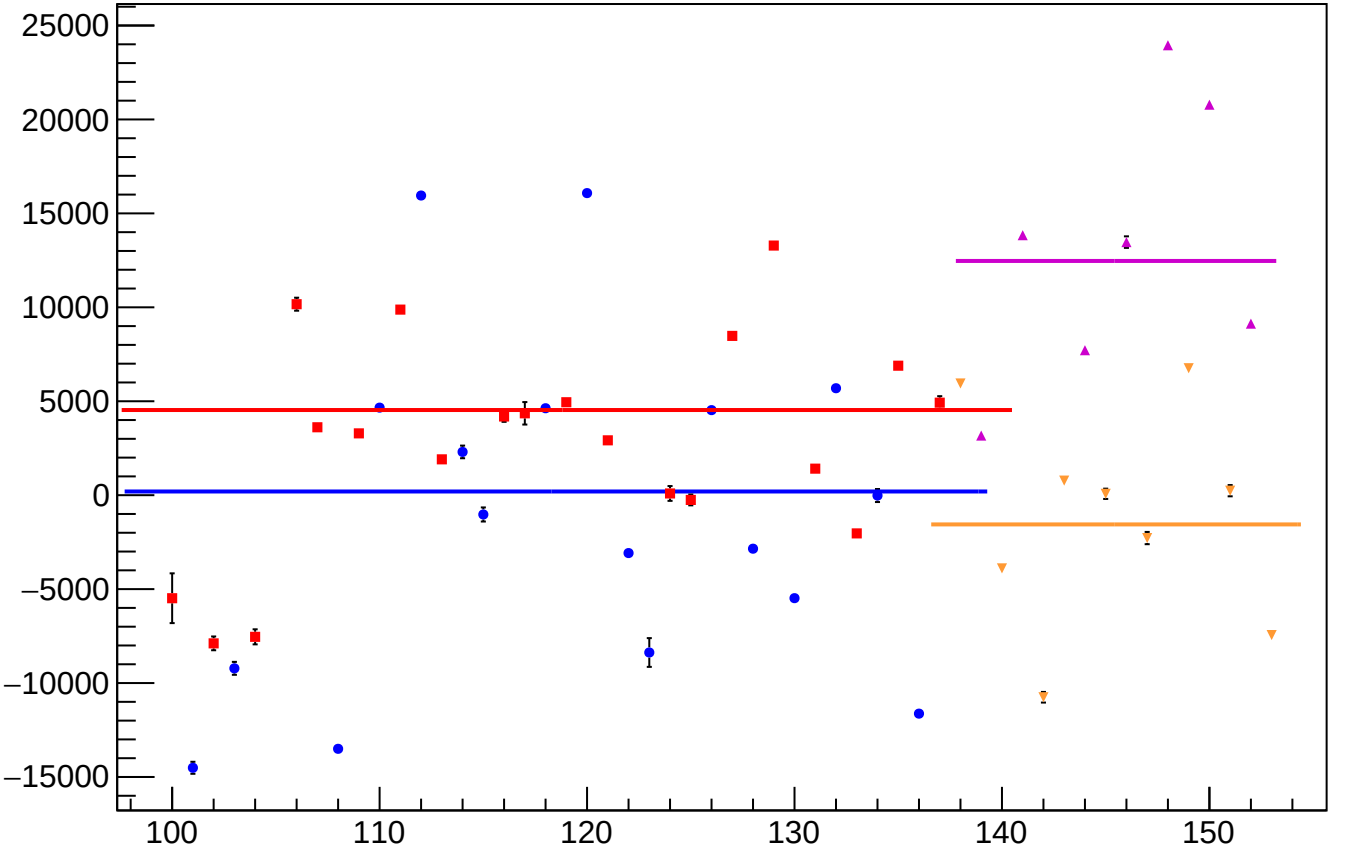
Right Out: 348.050+/-0.096 χ^2/NDF: 823186.4/19

Left In: 328.579+/-0.102 χ^2/NDF:776809.6/6

346.605+/-0.070 χ^2/NDF: 1632510.1/25

338.909+/-0.070 χ^2/NDF: 1619397.8/26

asym_bpm0i02WS_mean vs Slug



Right In: 197.008+/-54.799 χ^2/NDF: 30658.3/16

Left Out: -1555.864+/-75.304 χ^2/NDF:5739.6/8

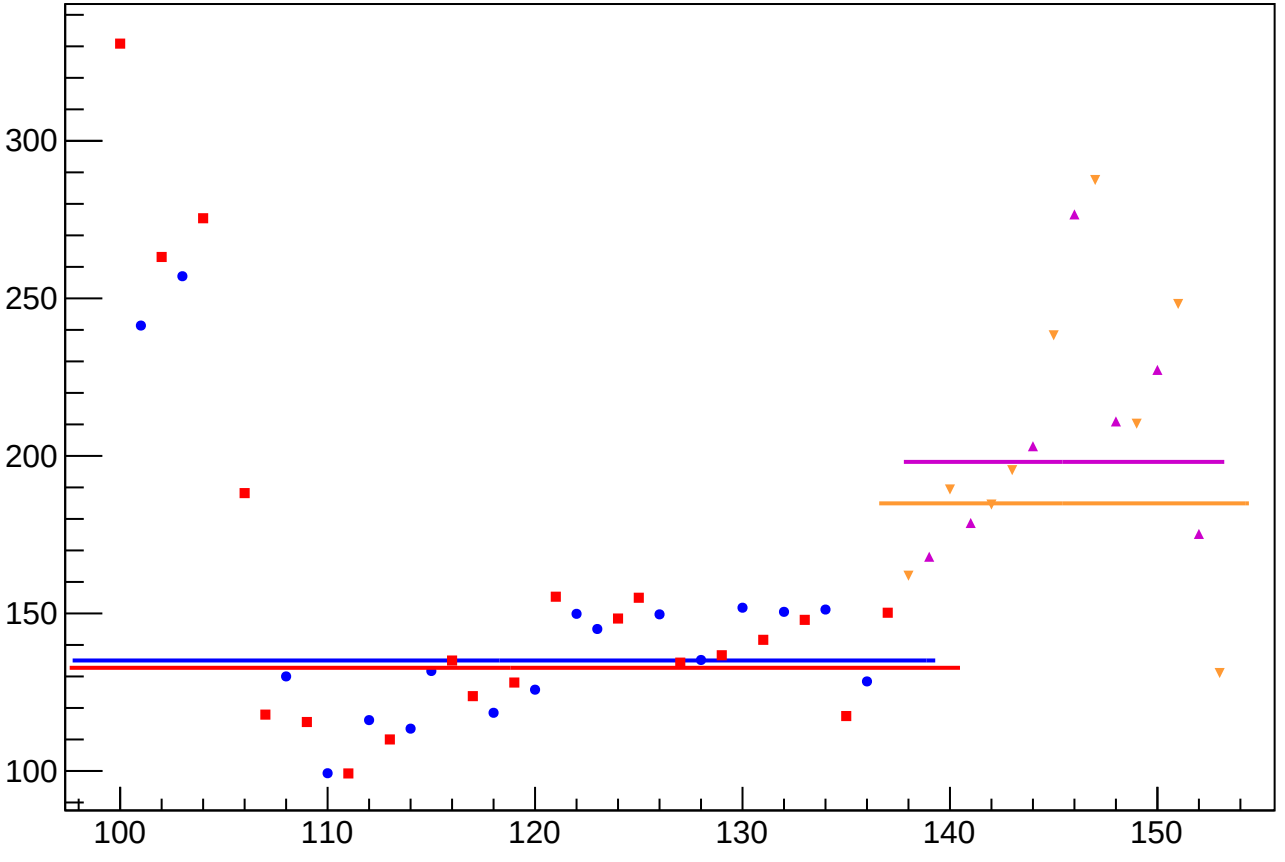
Right Out: 4532.856+/-52.261 χ^2/NDF: 7477.3/19

Left In: 12467.990+/-86.817 χ^2/NDF:6121.3/6

-409.858+/-44.309 χ^2/NDF: 36752.1/25

6643.459+/-44.775 χ^2/NDF: 19730.6/26

asym_bpm0i02WS_rms vs Slug



Right In: 135.072+/-0.039 χ^2/NDF: 658703.5/16

Left Out: 184.940+/-0.053 χ^2/NDF:685147.0/8

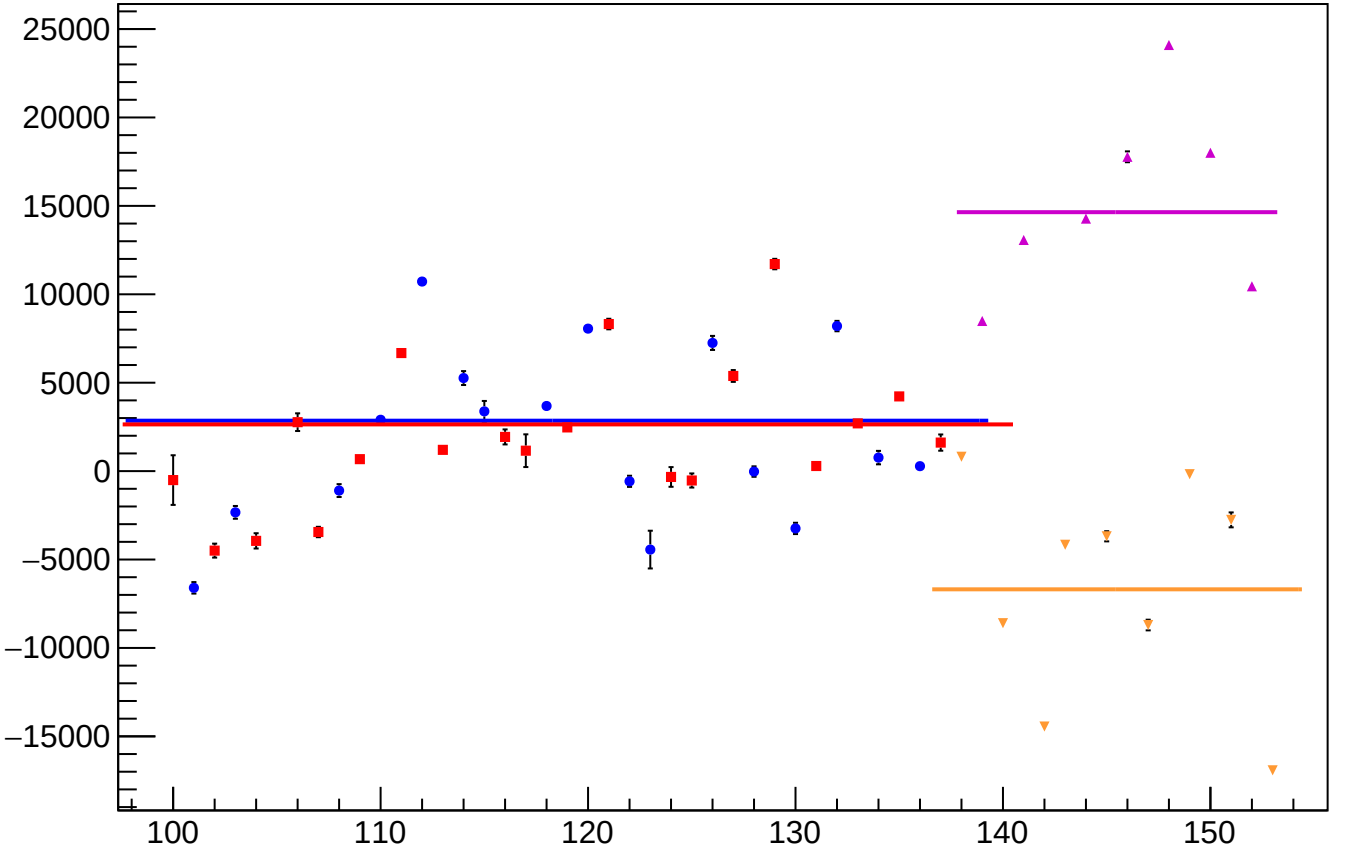
Right Out: 132.747+/-0.037 χ^2/NDF: 831647.2/19

Left In: 198.106+/-0.061 χ^2/NDF:247231.6/6

152.337+/-0.031 χ^2/NDF: 1917278.5/25

150.131+/-0.032 χ^2/NDF: 1910898.6/26

asym_bpm0i02aWS_mean vs Slug



Right In: 2851.437+/-70.753 χ^2/NDF: 4178.1/16

Left Out: -6685.300+/-81.558 χ^2/NDF:6127.2/8

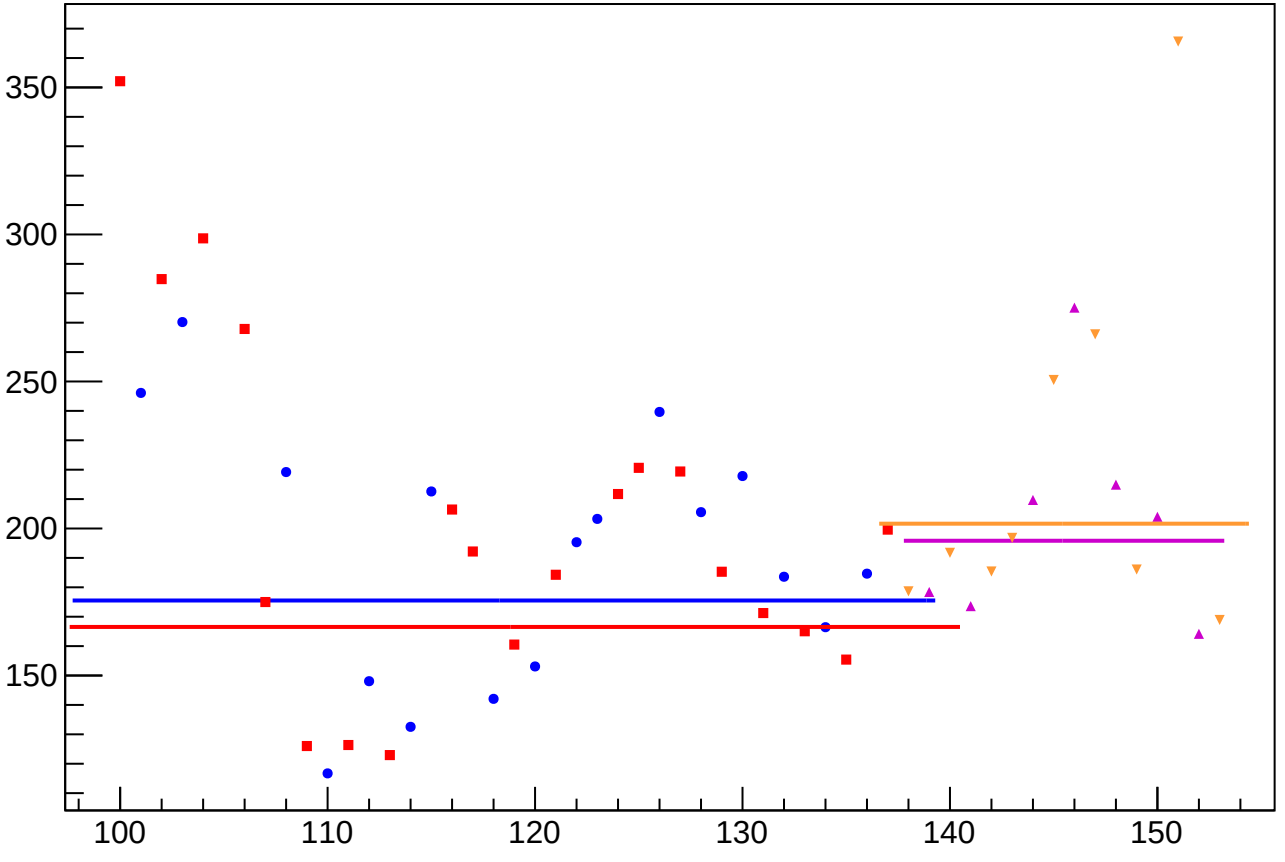
Right Out: 2641.642+/-65.566 χ^2/NDF: 3178.3/19

Left In: 14643.834+/-85.919 χ^2/NDF:3039.3/6

-1243.806+/-53.445 χ^2/NDF: 18107.0/25

7058.689+/-52.123 χ^2/NDF: 18549.8/26

asym_bpm0i02aWS_rms vs Slug



Right In: 175.514+/-0.050 χ^2/NDF: 689642.3/16

Left Out: 201.637+/-0.058 χ^2/NDF:552158.6/8

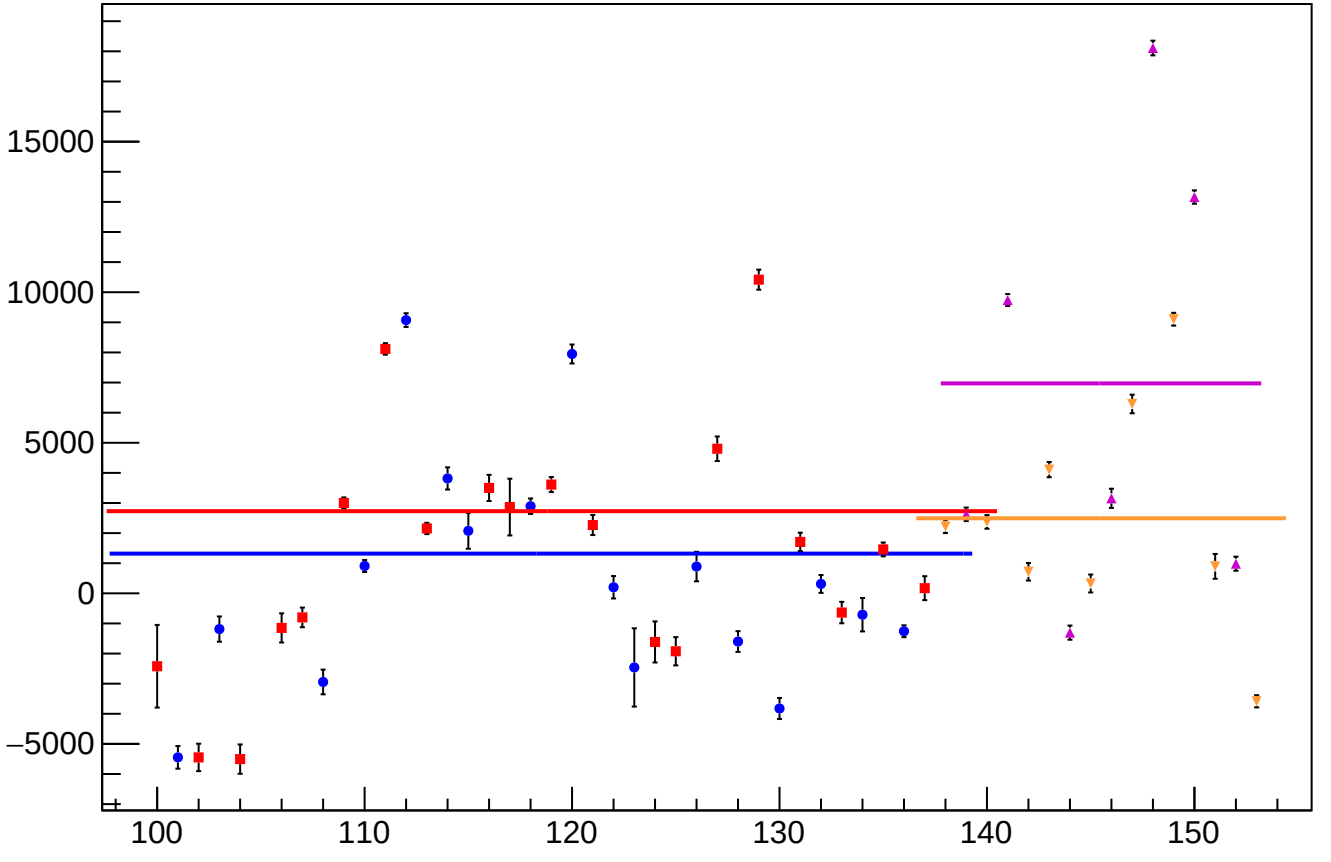
Right Out: 166.522+/-0.046 χ^2/NDF: 931079.9/19

Left In: 195.832+/-0.061 χ^2/NDF:234973.0/6

186.732+/-0.038 χ^2/NDF: 1358875.5/25

177.309+/-0.037 χ^2/NDF: 1313137.7/26

asym_bpm0i05WS_mean vs Slug



Right In: 1319.009+/-77.146 χ^2/NDF: 2667.0/16

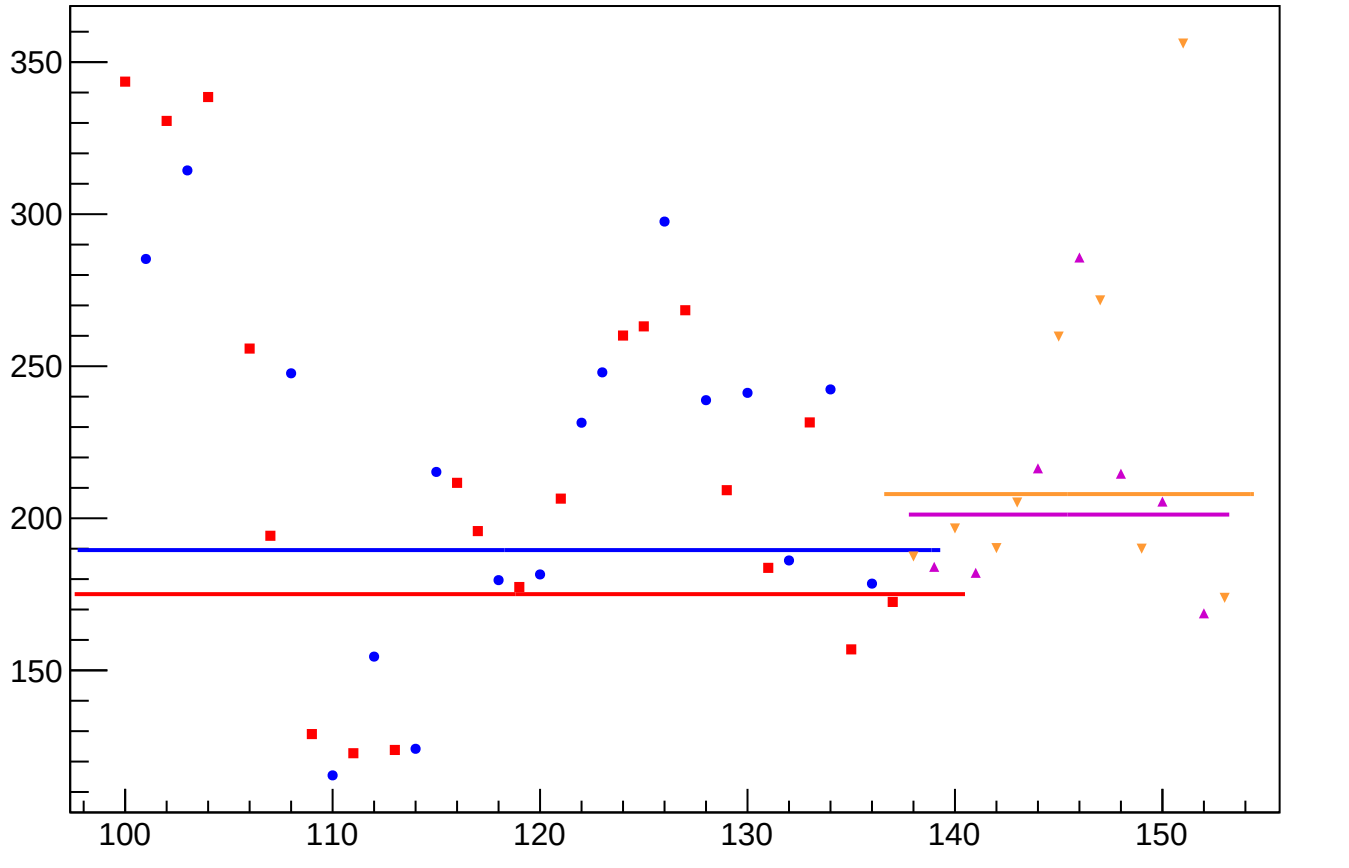
Left Out: 2493.393+/-84.003 χ^2/NDF:2160.3/8

Right Out: 2728.550+/-69.837 χ^2/NDF: 2495.9/19

Left In: 6971.777+/-88.297 χ^2/NDF:5468.8/6

1856.317+/-56.820 χ^2/NDF: 4933.4/25

4361.473+/-54.775 χ^2/NDF: 9385.4/26



Right In: 189.544+/-0.055 χ^2/NDF: 980744.6/16

Left Out: 207.960+/-0.059 χ^2/NDF:504745.7/8

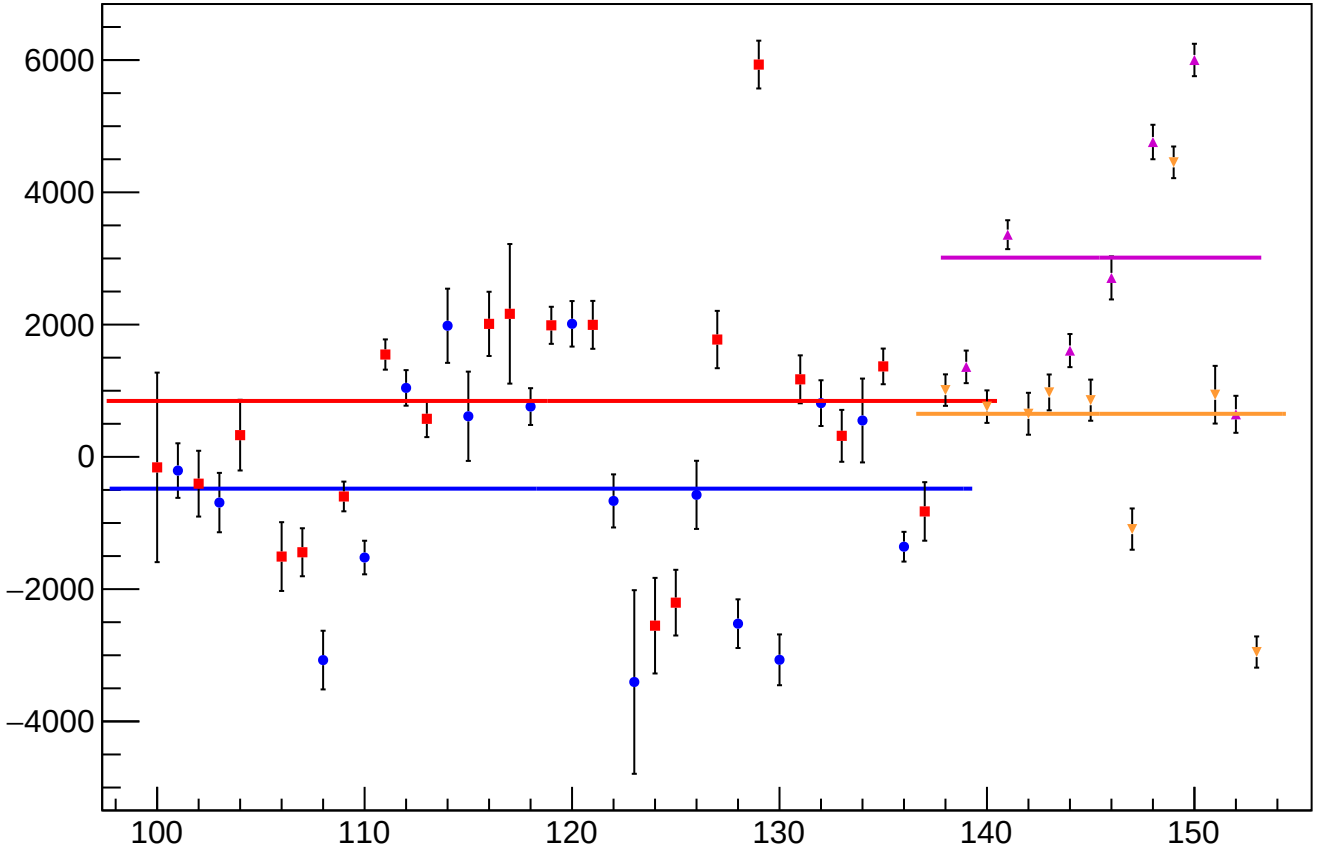
Right Out: 175.058+/-0.049 χ^2/NDF: 1298079.7/19

Left In: 201.221+/-0.062 χ^2/NDF:223920.8/6

197.970+/-0.040 χ^2/NDF: 1537631.7/25

185.127+/-0.039 χ^2/NDF: 1630023.0/26

asym_bpm0i07WS_mean vs Slug



Right In: -480.578+/-88.640 χ^2/NDF: 290.7/16

Left Out: 651.018+/-91.652 χ^2/NDF:521.5/8

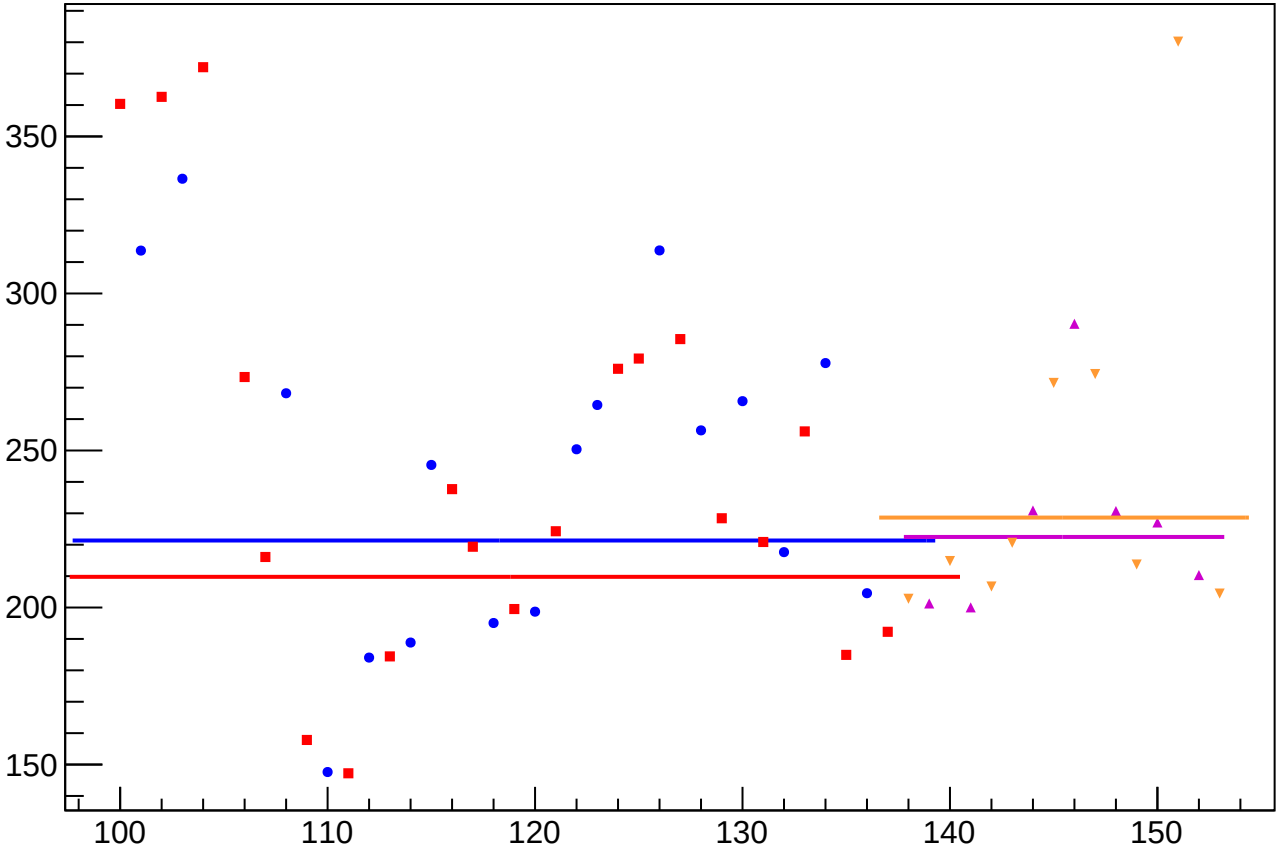
Right Out: 845.444+/-81.995 χ^2/NDF: 436.9/19

Left In: 3012.578+/-96.665 χ^2/NDF:345.5/6

66.324+/-63.716 χ^2/NDF: 891.0/25

1752.247+/-62.529 χ^2/NDF: 1074.7/26

asym_bpm0i07WS_rms vs Slug



Right In: 221.342+/-0.063 χ^2/NDF: 645688.1/16

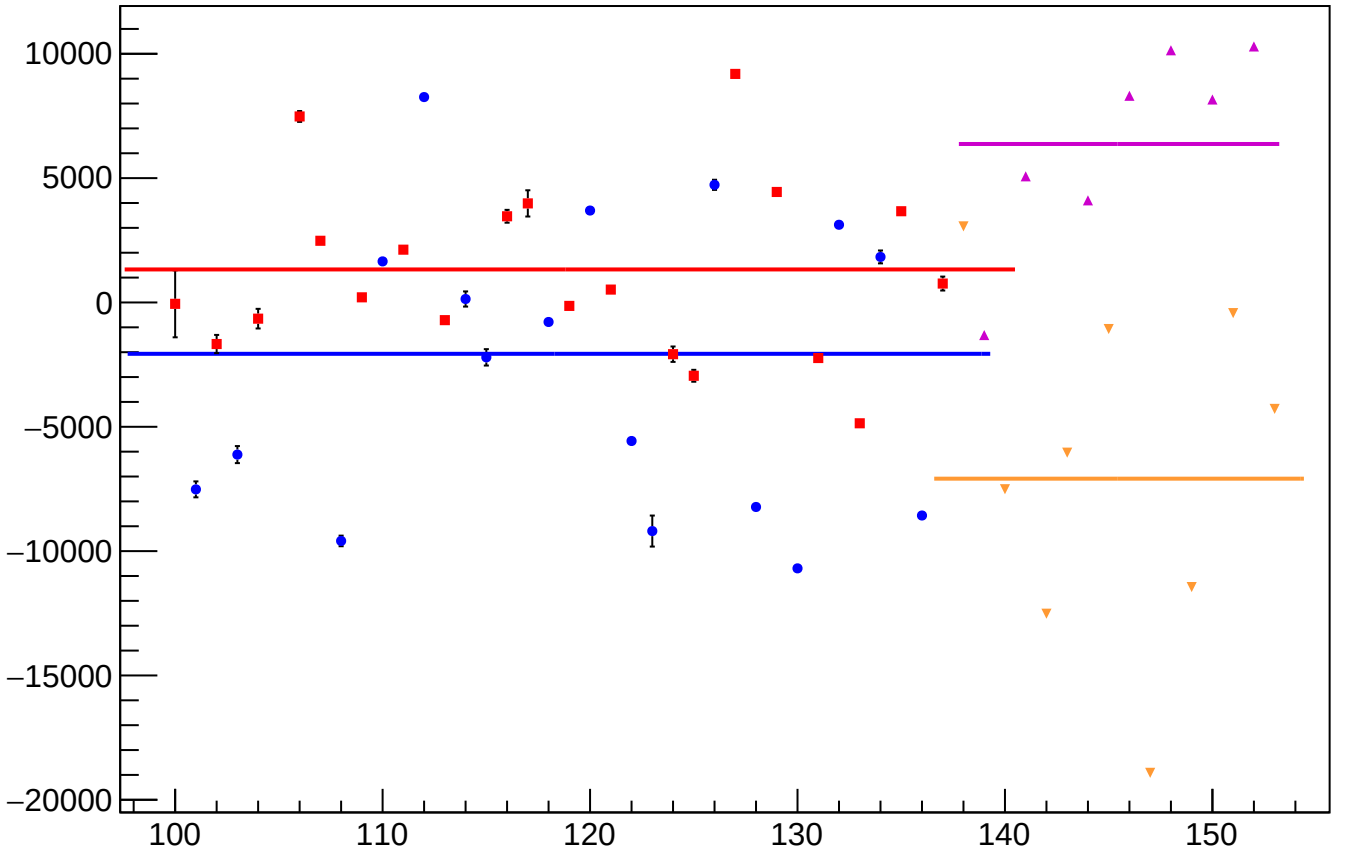
Left Out: 228.645+/-0.065 χ^2/NDF:392354.8/8

Right Out: 209.775+/-0.058 χ^2/NDF: 884083.7/19

Left In: 222.474+/-0.068 χ^2/NDF:131623.6/6

224.872+/-0.045 χ^2/NDF: 1044603.9/25

215.088+/-0.044 χ^2/NDF: 1035780.9/26



Right In: -2065.160+/-47.322 χ^2/NDF: 16533.3/16

Left Out: -7086.240+/-44.415 χ^2/NDF:22603.5/8

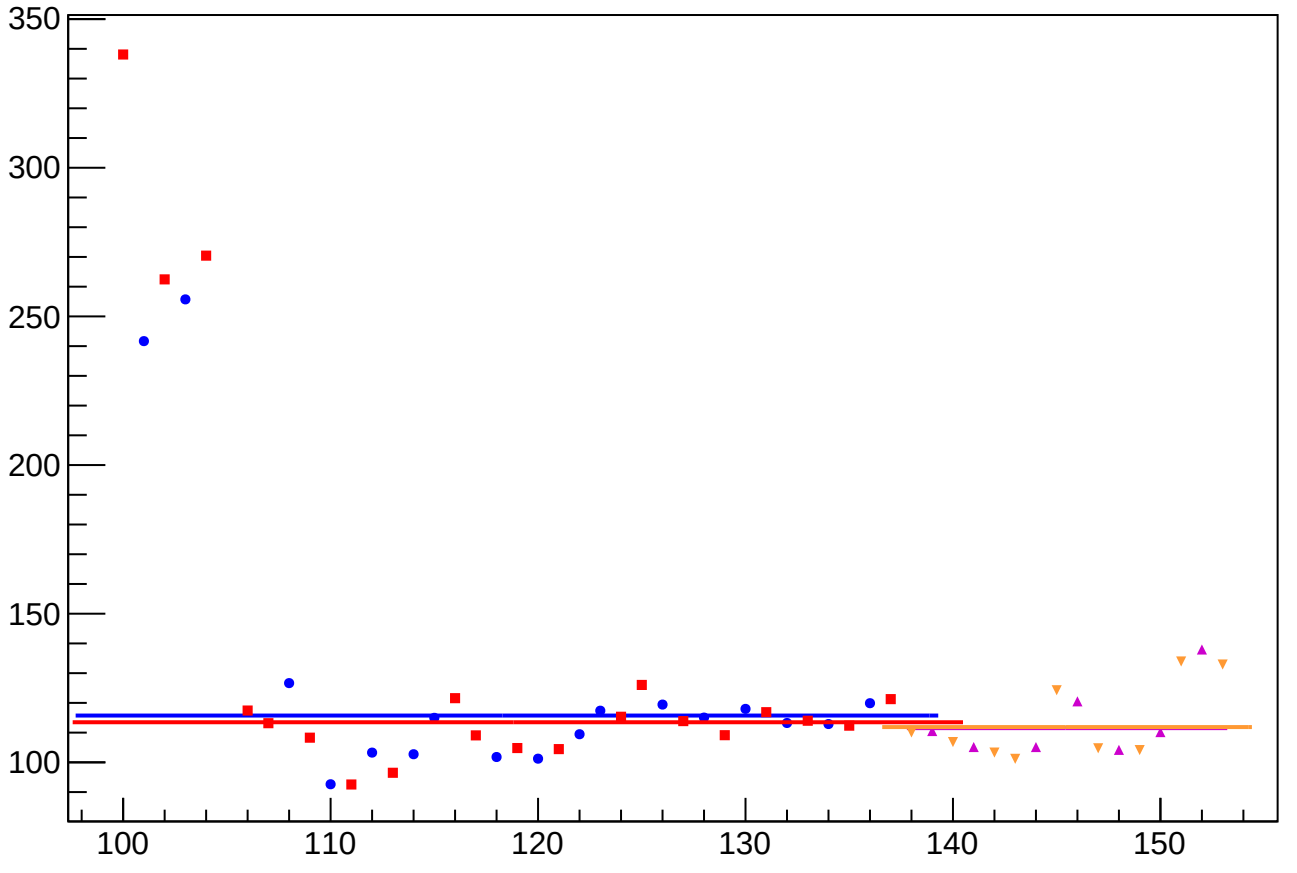
Right Out: 1327.819+/-44.838 χ^2/NDF: 5919.9/19

Left In: 6373.023+/-47.423 χ^2/NDF:5794.5/6

-4734.652+/-32.385 χ^2/NDF: 45122.3/25

3709.212+/-32.581 χ^2/NDF: 17690.4/26

asym_bpm1i02WS_rms vs Slug



Right In: 115.741+/-0.033 χ^2/NDF: 744017.7/16

Left Out: 111.864+/-0.031 χ^2/NDF:137245.5/8

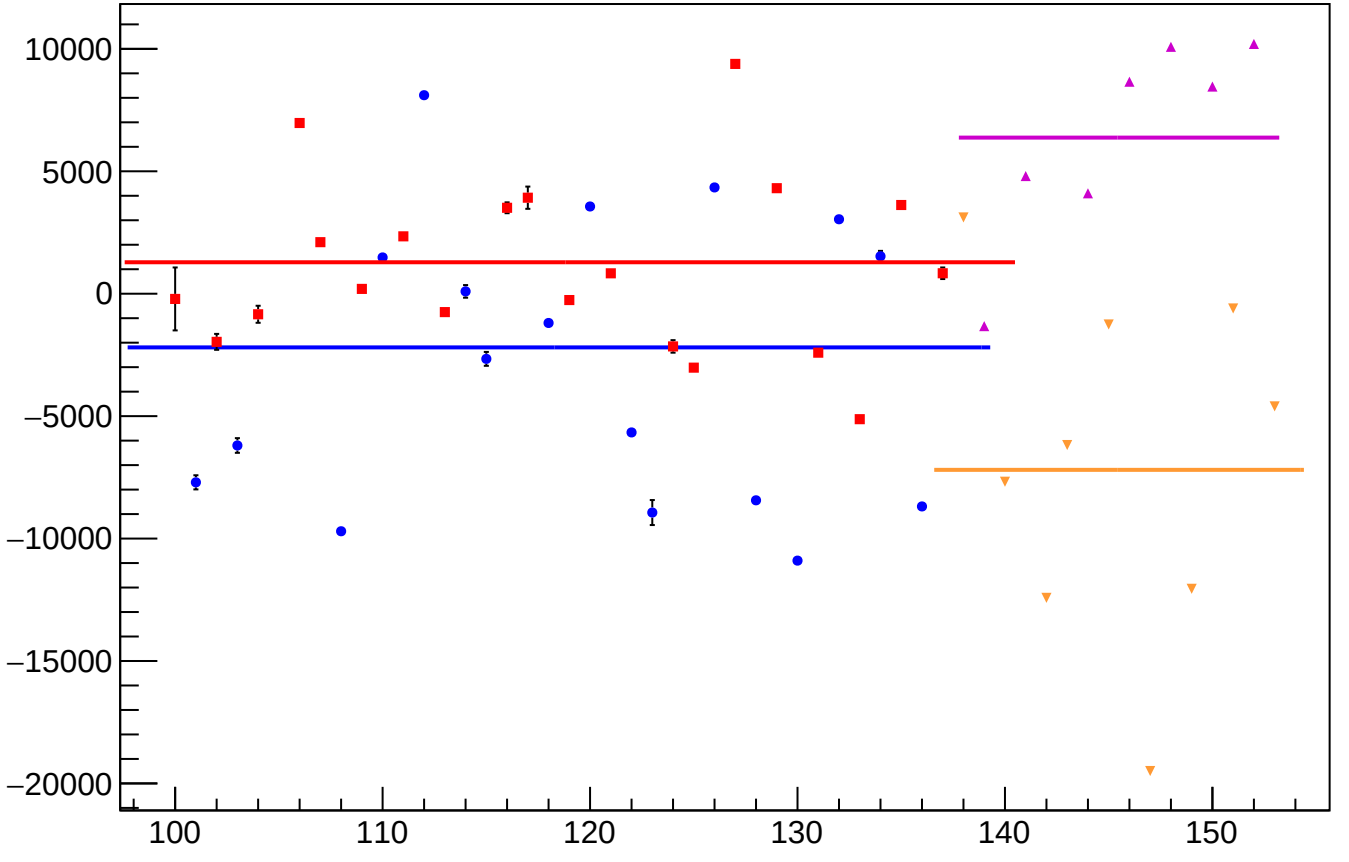
Right Out: 113.487+/-0.032 χ^2/NDF: 796781.7/19

Left In: 111.510+/-0.034 χ^2/NDF:89487.0/6

113.680+/-0.023 χ^2/NDF: 888398.9/25

112.554+/-0.023 χ^2/NDF: 888103.3/26

asym_bpm1i04WS_mean vs Slug



Right In: -2192.327+/-39.944 χ^2/NDF: 22813.5/16

Left Out: -7193.531+/-40.639 χ^2/NDF:27279.1/8

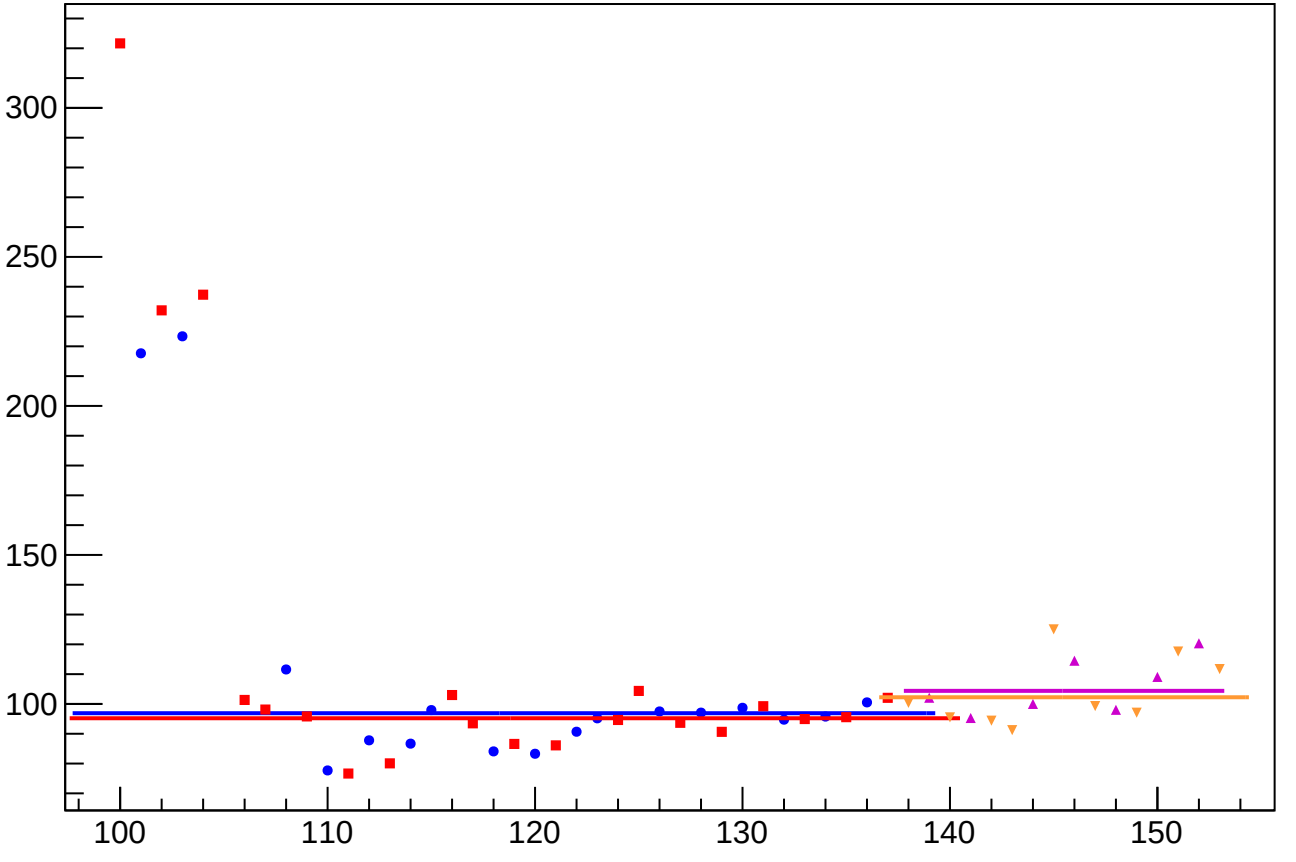
Right Out: 1284.692+/-37.915 χ^2/NDF: 8584.4/19

Left In: 6375.526+/-44.412 χ^2/NDF:6935.7/6

-4649.812+/-28.487 χ^2/NDF: 57795.7/25

3430.833+/-28.836 χ^2/NDF: 23120.2/26

asym_bpm1i04WS_rms vs Slug



Right In: 96.894+/-0.028 χ^2/NDF: 817229.9/16

Left Out: 102.241+/-0.029 χ^2/NDF:126207.0/8

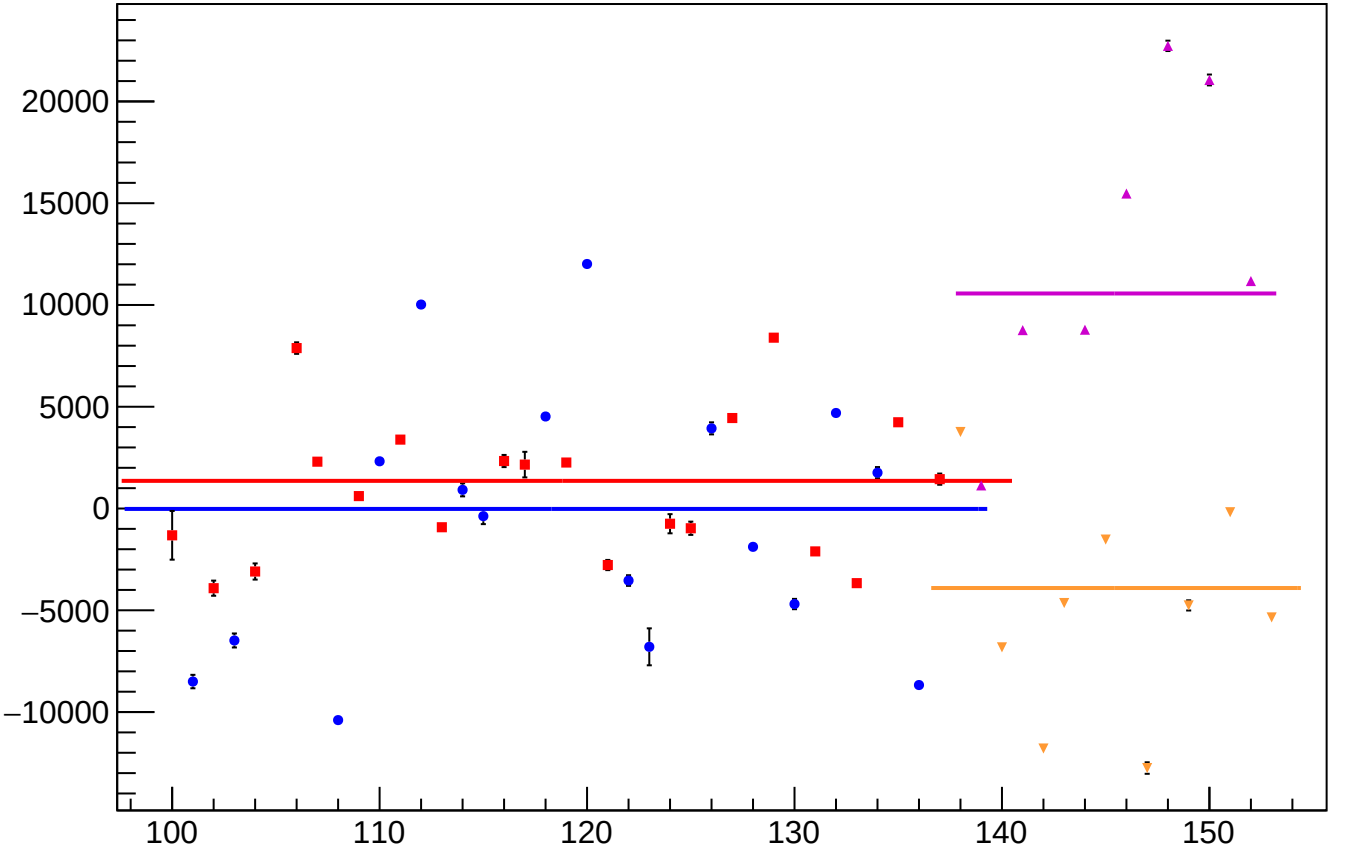
Right Out: 95.201+/-0.027 χ^2/NDF: 859838.2/19

Left In: 104.393+/-0.031 χ^2/NDF:69863.4/6

99.521+/-0.020 χ^2/NDF: 961046.7/25

99.076+/-0.020 χ^2/NDF: 979254.6/26

asym_bpm1i06WS_mean vs Slug



Right In: -19.990+/-54.643 χ^2/NDF: 16361.0/16

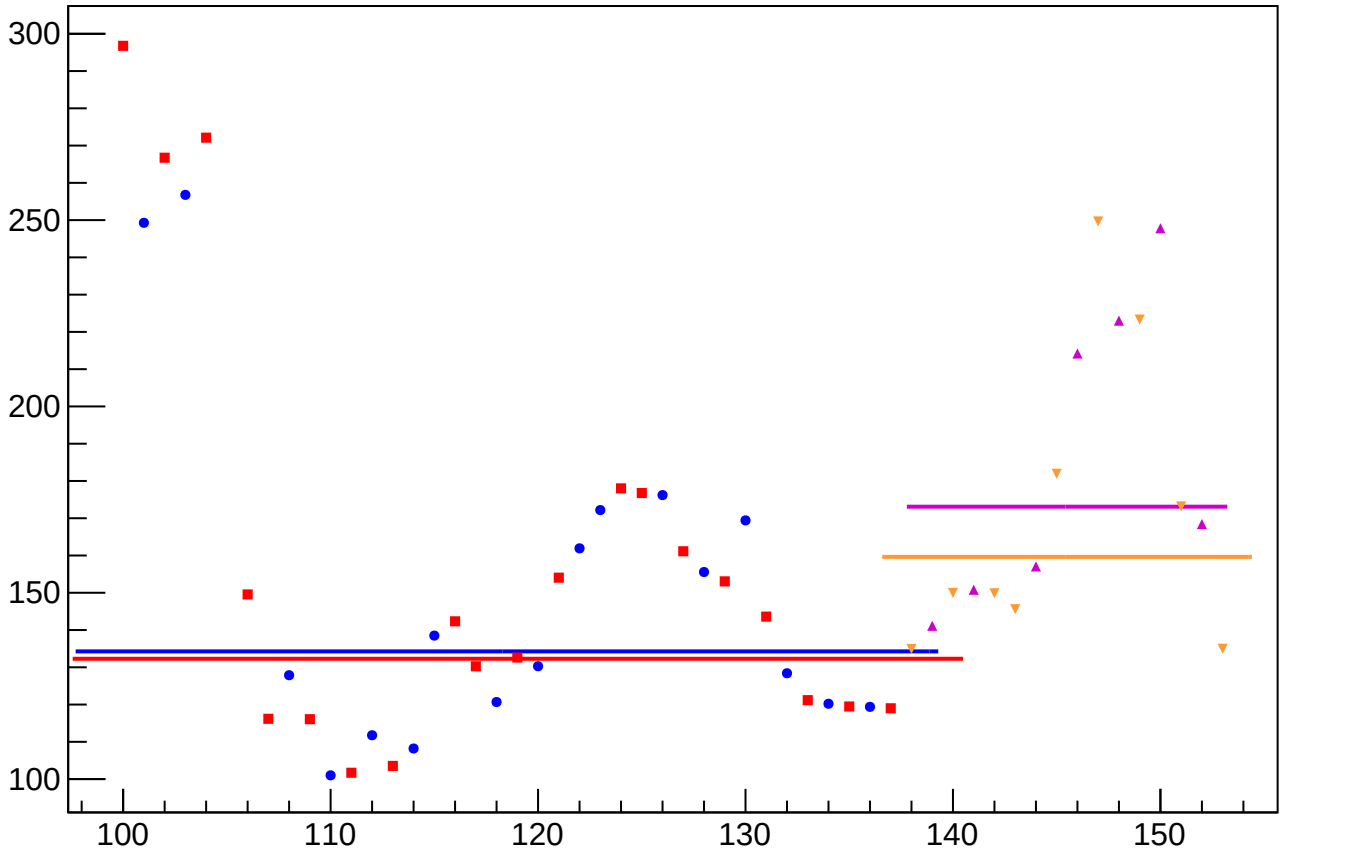
Left Out: -3905.745+/-64.143 χ^2/NDF:5371.7/8

Right Out: 1359.001+/-52.186 χ^2/NDF: 3838.8/19

Left In: 10564.928+/-74.955 χ^2/NDF:7432.5/6

-1654.085+/-41.596 χ^2/NDF: 23859.3/25

4364.551+/-42.828 χ^2/NDF: 21431.2/26



Right In: 134.268+/-0.039 χ^2/NDF: 788647.0/16

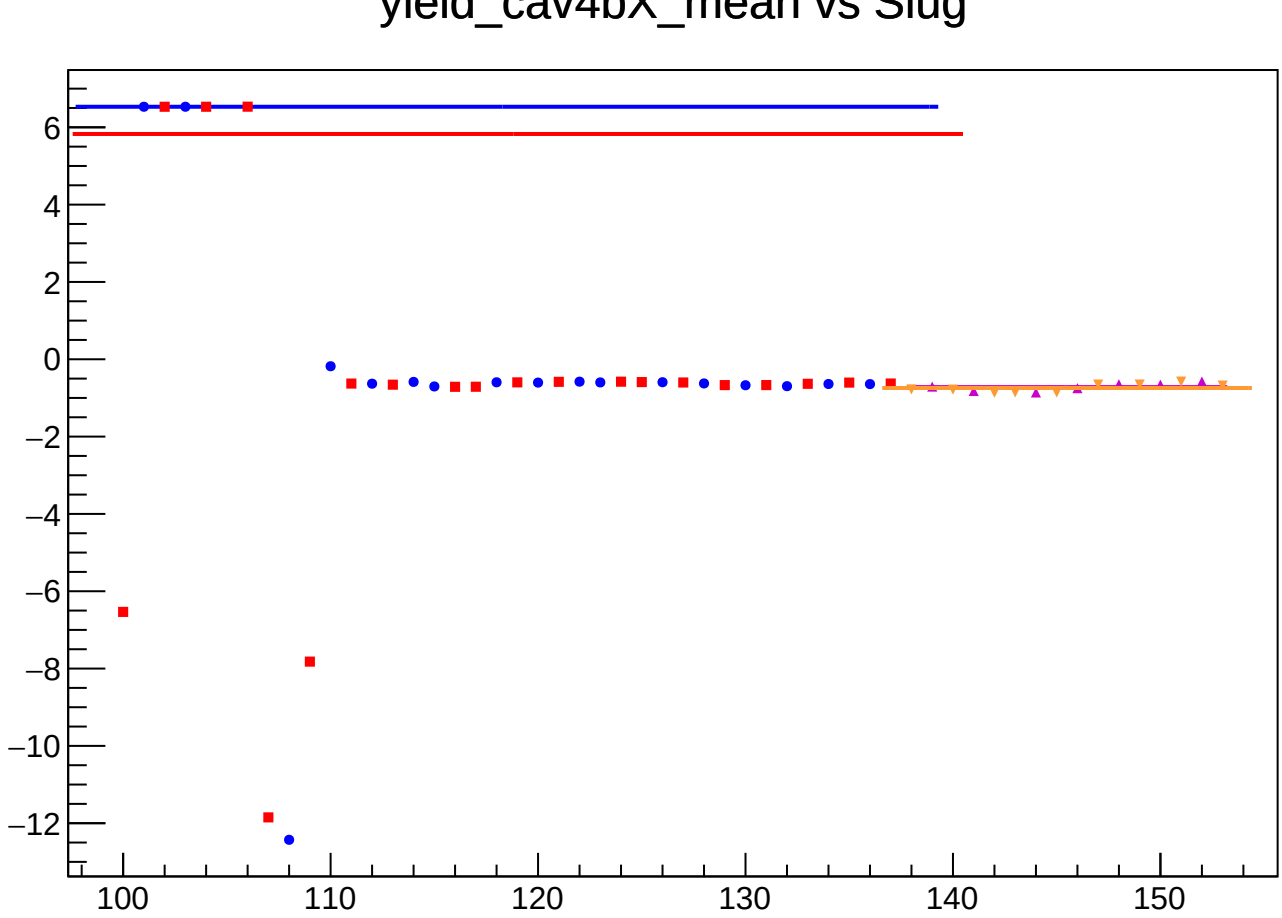
Left Out: 159.628+/-0.045 χ^2/NDF:487531.1/8

Right Out: 132.288+/-0.037 χ^2/NDF: 869913.4/19

Left In: 173.101+/-0.053 χ^2/NDF:416105.5/6

144.932+/-0.029 χ^2/NDF: 1457334.0/25

145.613+/-0.030 χ^2/NDF: 1685382.9/26



Right In: 6.532+/-0.000 χ^2/NDF: 127906780672.7/16

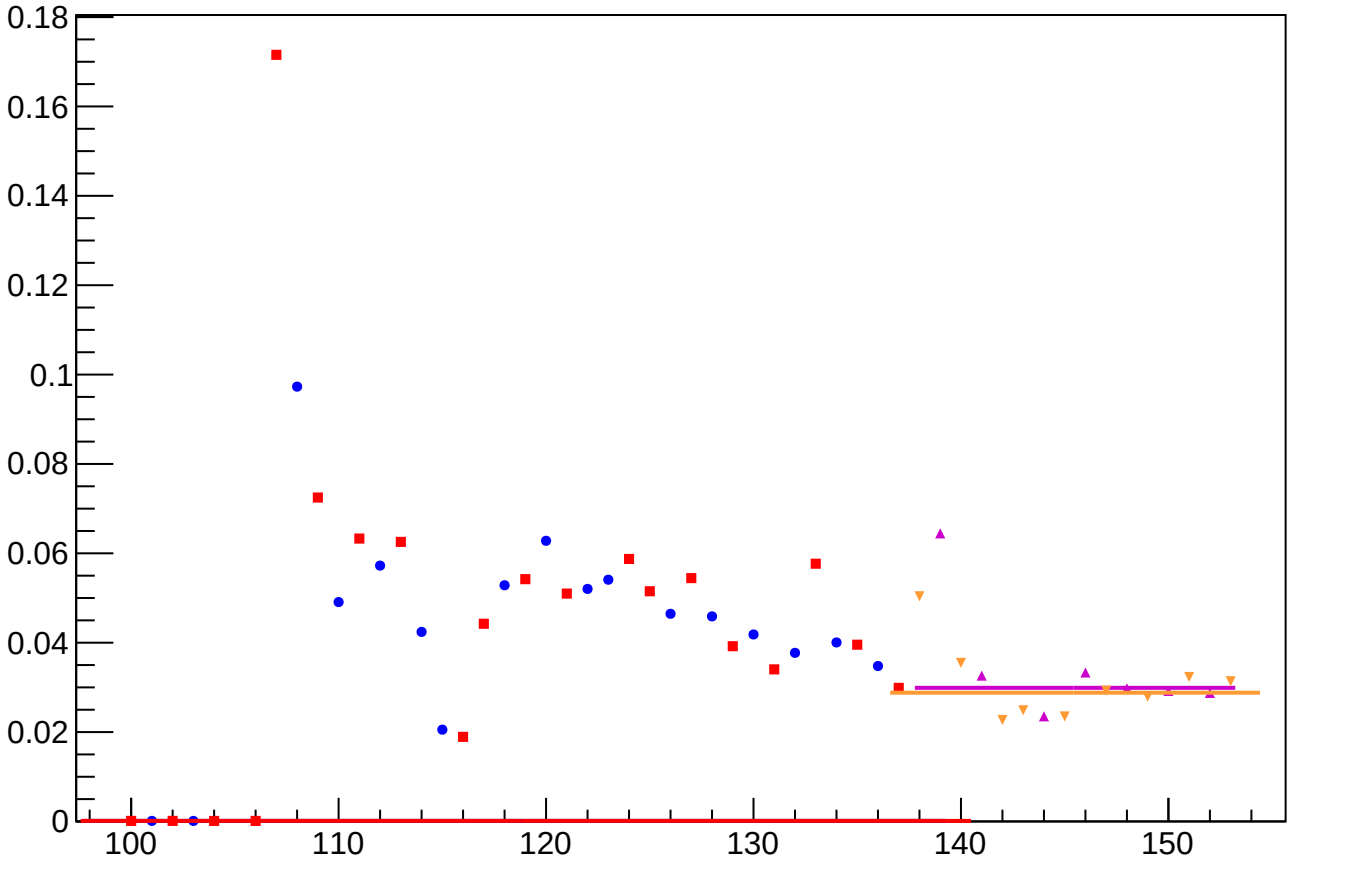
Left Out: -0.743+/-0.000 χ^2/NDF:67147104.6/8

Right Out: 5.827+/-0.000 χ^2/NDF: 755949520765363.8/19

Left In: -0.719+/-0.000 χ^2/NDF:52121609.8/6

6.531+/-0.000 χ^2/NDF: 443850670129.3/25

5.827+/-0.000 χ^2/NDF: 756156862065447.1/26



Right In: 0.000+/-0.000 χ^2/NDF: 9028405.7/16

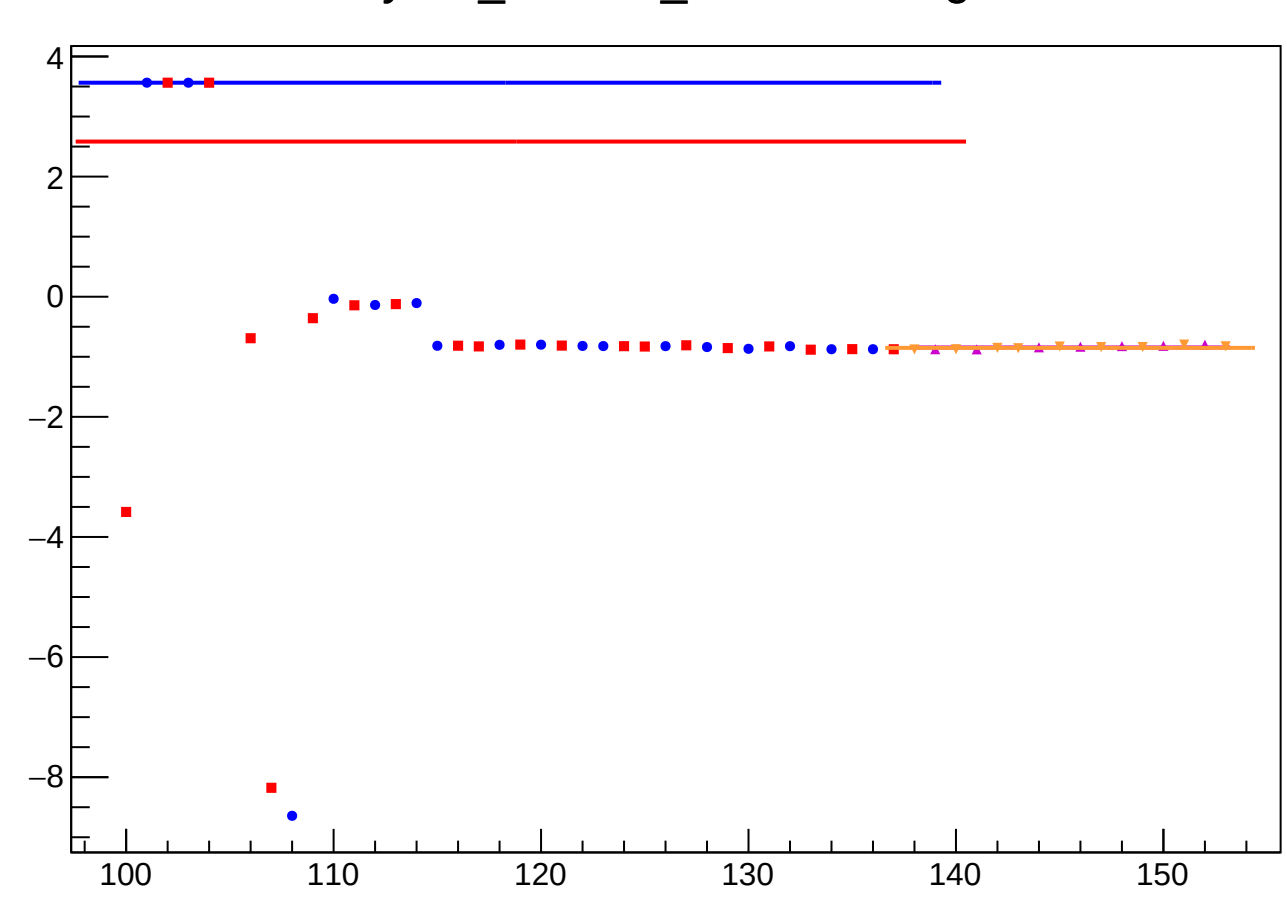
Left Out: 0.029+/-0.000 χ^2/NDF:409326.0/8

Right Out: 0.000+/-0.000 χ^2/NDF: 9453181.1/19

Left In: 0.030+/-0.000 χ^2/NDF:493804.7/6

0.000+/-0.000 χ^2/NDF: 19263592.0/25

0.000+/-0.000 χ^2/NDF: 18526572.2/26



Right In: 3.563+/-0.000 χ^2/NDF: 486958795673.0/16

Left Out: -0.851+/-0.000 χ^2/NDF:32847359.3/8

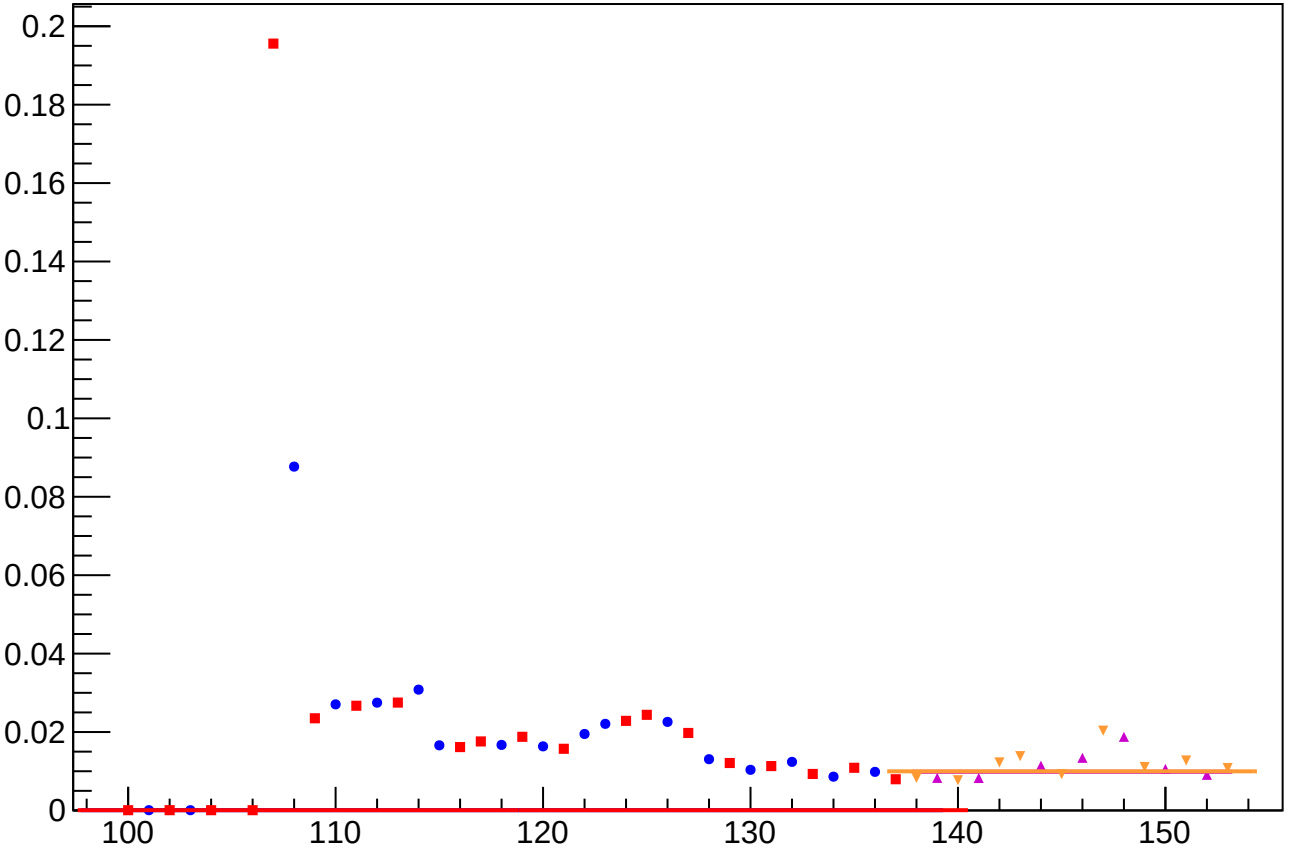
Right Out: 2.583+/-0.000 χ^2/NDF: 1253506756008351.0/19

Left In: -0.845+/-0.000 χ^2/NDF:44655283.7/6

3.562+/-0.000 χ^2/NDF: 1447702880376.8/25

2.583+/-0.000 χ^2/NDF: 1254038452088873.0/2

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 9848258.0/16

Left Out: 0.010+/-0.000 χ^2/NDF:715622.7/8

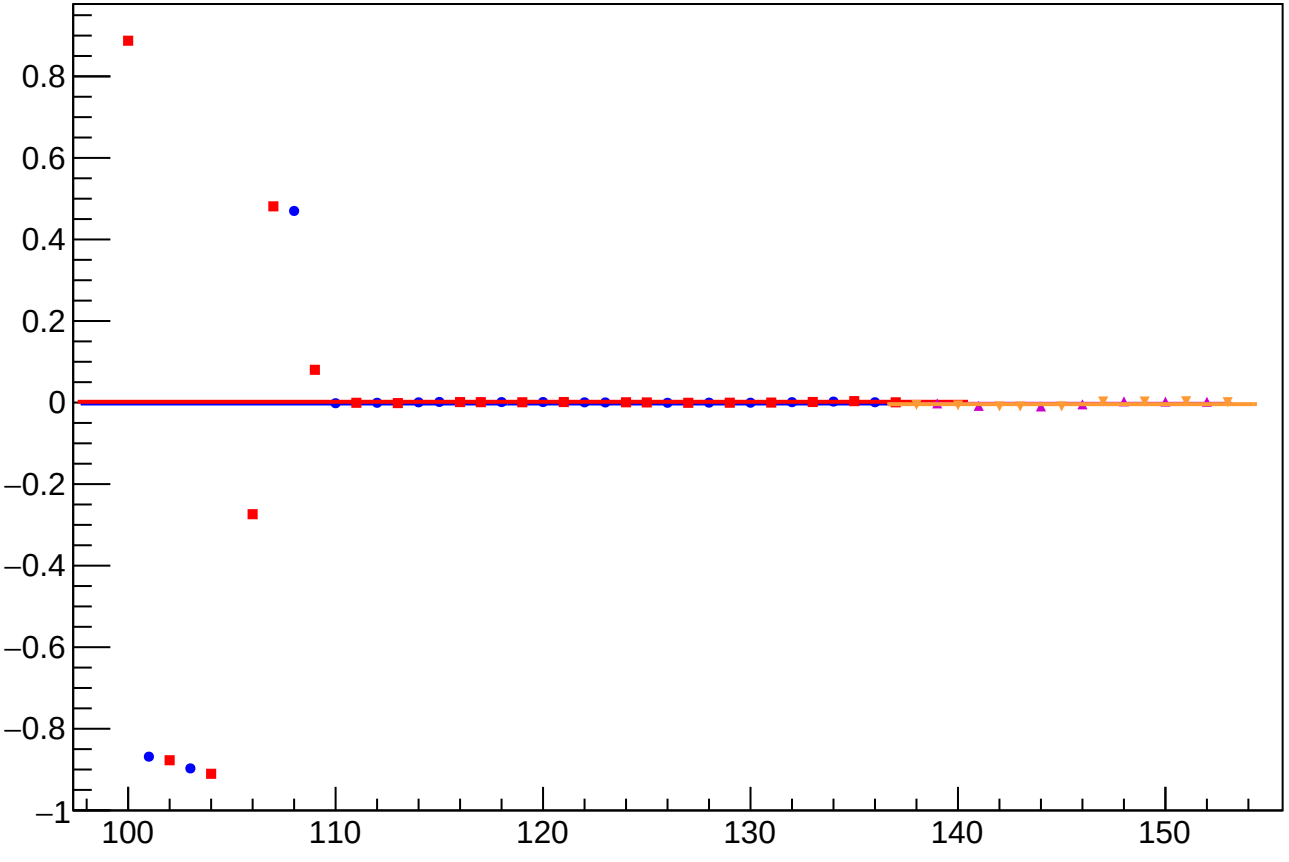
Right Out: 0.000+/-0.000 χ^2/NDF: 9955781.5/19

Left In: 0.010+/-0.000 χ^2/NDF:531996.8/6

0.000+/-0.000 χ^2/NDF: 20251768.7/25

0.000+/-0.000 χ^2/NDF: 19165435.1/26

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF: 9795424036.3/16

Left Out: -0.004+/-0.000 χ^2/NDF:66950289.1/8

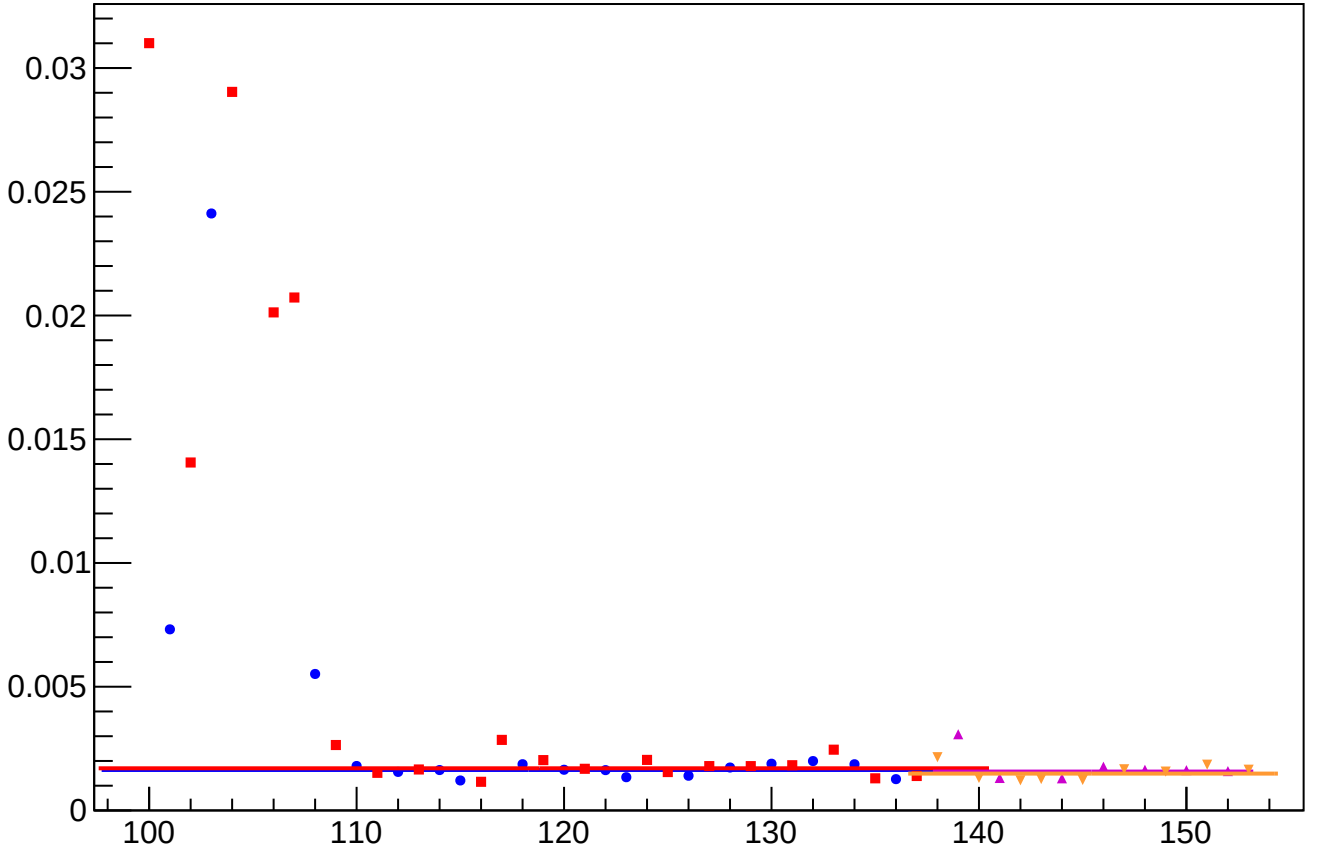
Right Out: 0.002+/-0.000 χ^2/NDF: 3041335141.0/19

Left In: -0.003+/-0.000 χ^2/NDF:47916975.7/6

-0.003+/-0.000 χ^2/NDF: 9864959588.0/25

-0.001+/-0.000 χ^2/NDF: 3109050075.2/26

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 1919127.9/16

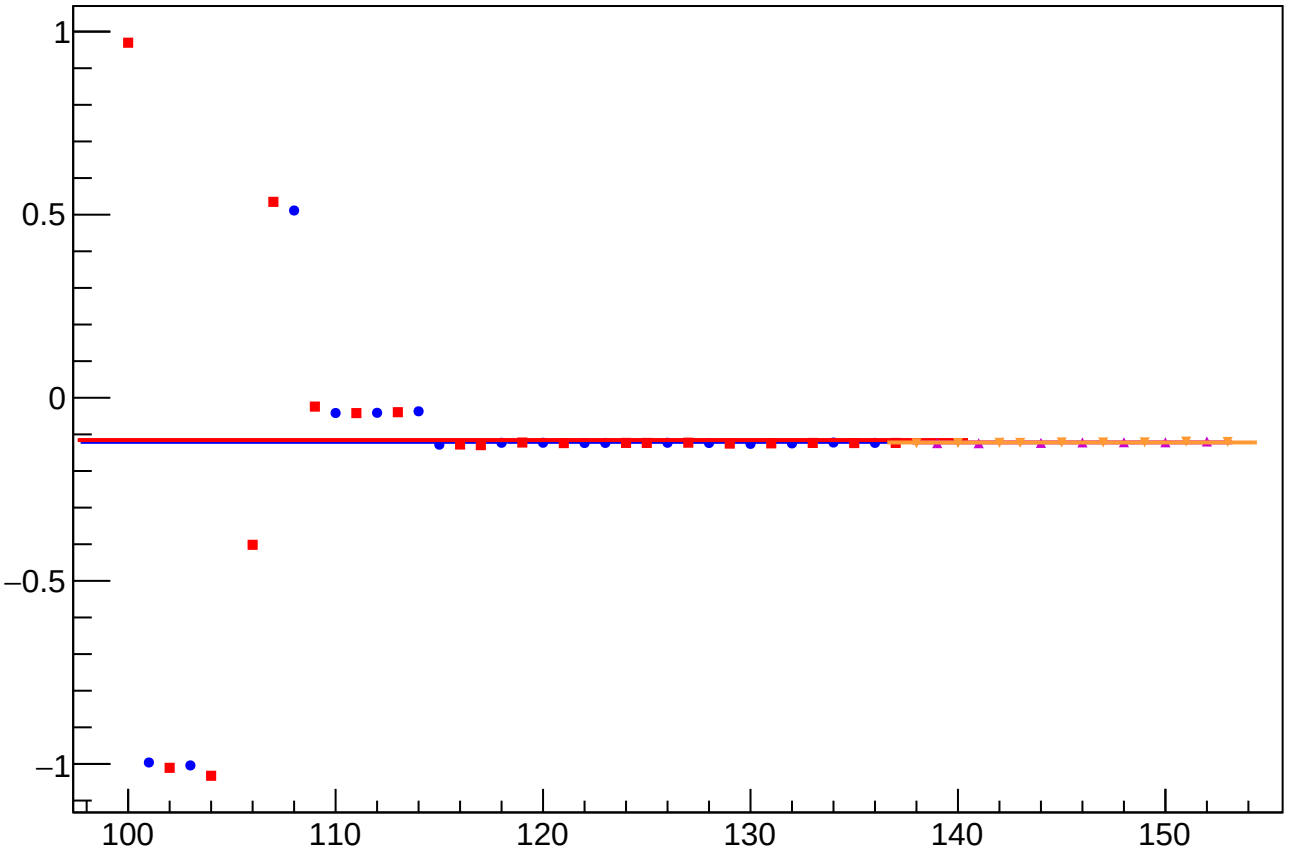
Left Out: 0.001+/-0.000 χ^2/NDF:318550.6/8

Right Out: 0.002+/-0.000 χ^2/NDF: 3038397.4/19

Left In: 0.002+/-0.000 χ^2/NDF:444476.6/6

0.002+/-0.000 χ^2/NDF: 2279248.5/25

0.002+/-0.000 χ^2/NDF: 3511746.1/26



Right In: -0.120+/-0.000 χ^2/NDF: 3932311162.8/16

Left Out: -0.122+/-0.000 χ^2/NDF:8391534.4/8

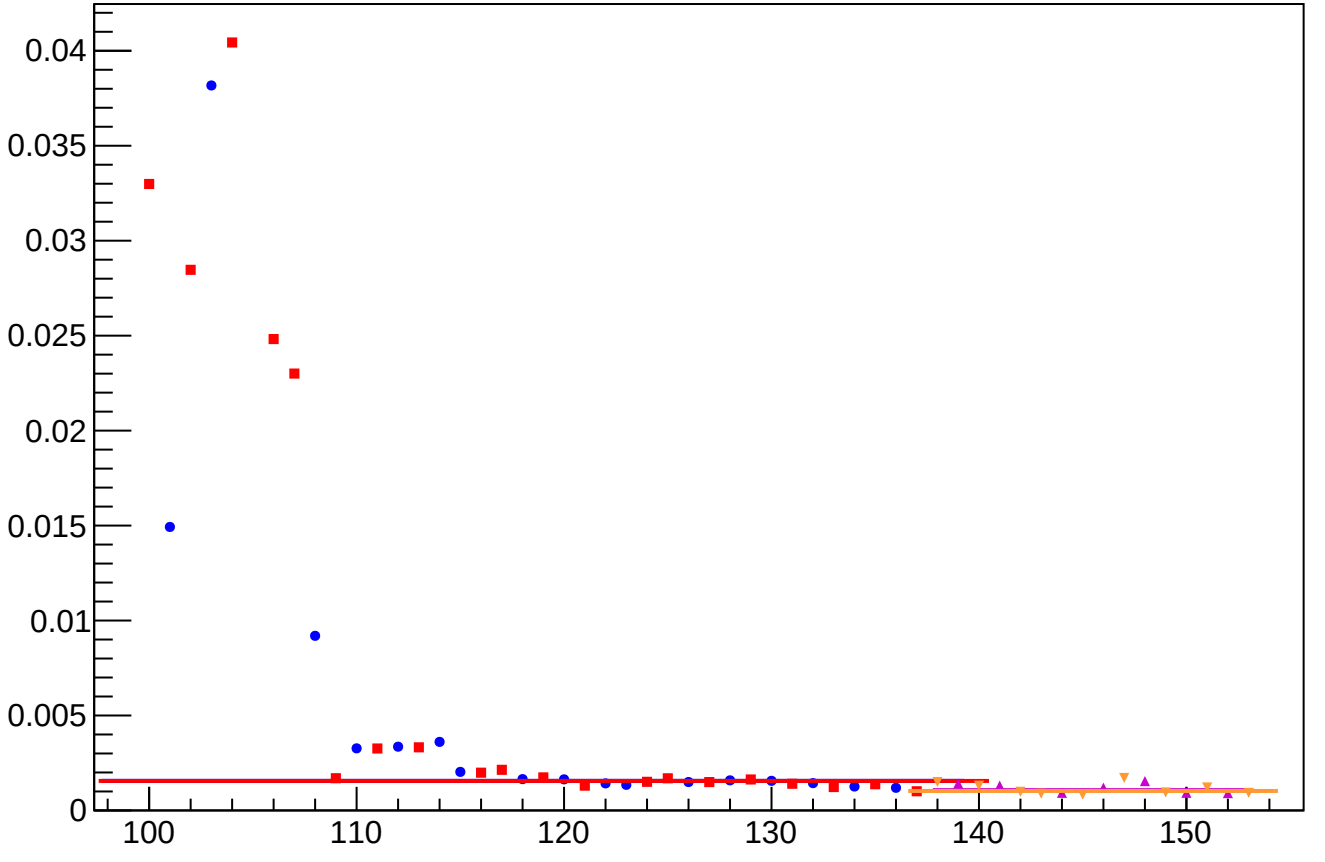
Right Out: -0.115+/-0.000 χ^2/NDF: 2458720596.9/19

Left In: -0.122+/-0.000 χ^2/NDF:11472207.5/6

-0.122+/-0.000 χ^2/NDF: 3944829358.1/25

-0.120+/-0.000 χ^2/NDF: 2523946176.0/26

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 2903607.4/16

Left Out: 0.001+/-0.000 χ^2/NDF:611352.6/8

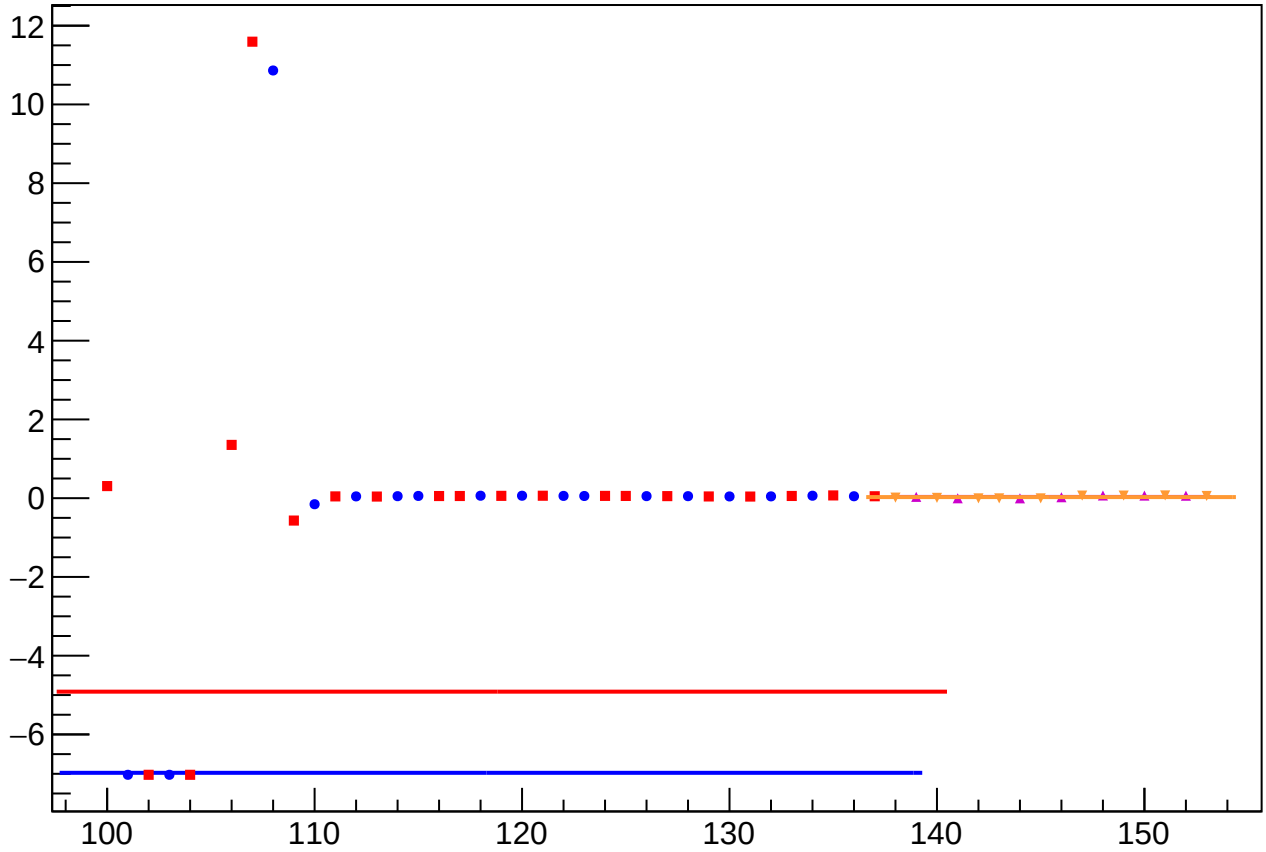
Right Out: 0.002+/-0.000 χ^2/NDF: 3544377.2/19

Left In: 0.001+/-0.000 χ^2/NDF:405364.2/6

0.001+/-0.000 χ^2/NDF: 4314605.5/25

0.001+/-0.000 χ^2/NDF: 4577498.3/26

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF: 8787948713830.4/16

Left Out: 0.028+/-0.000 χ^2/NDF:66960528.1/8

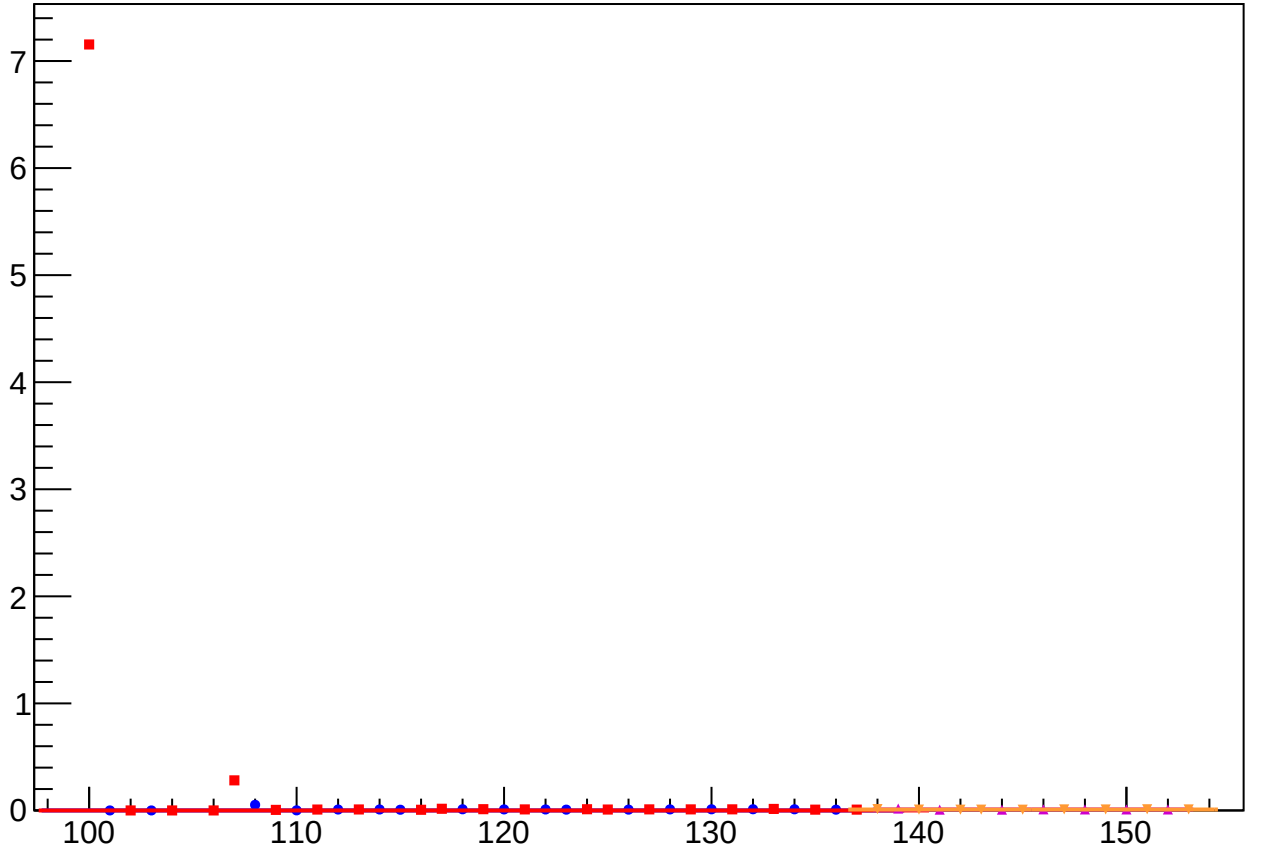
Right Out: -4.914+/-0.000 χ^2/NDF: 365366243956054.8/19

Left In: 0.032+/-0.000 χ^2/NDF:51388511.2/6

-6.957+/-0.000 χ^2/NDF: 11928661591763.6/25

-4.905+/-0.000 χ^2/NDF: 366623771747799.5/2

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 8362763.6/16

Left Out: 0.009+/-0.000 χ^2/NDF:322998.4/8

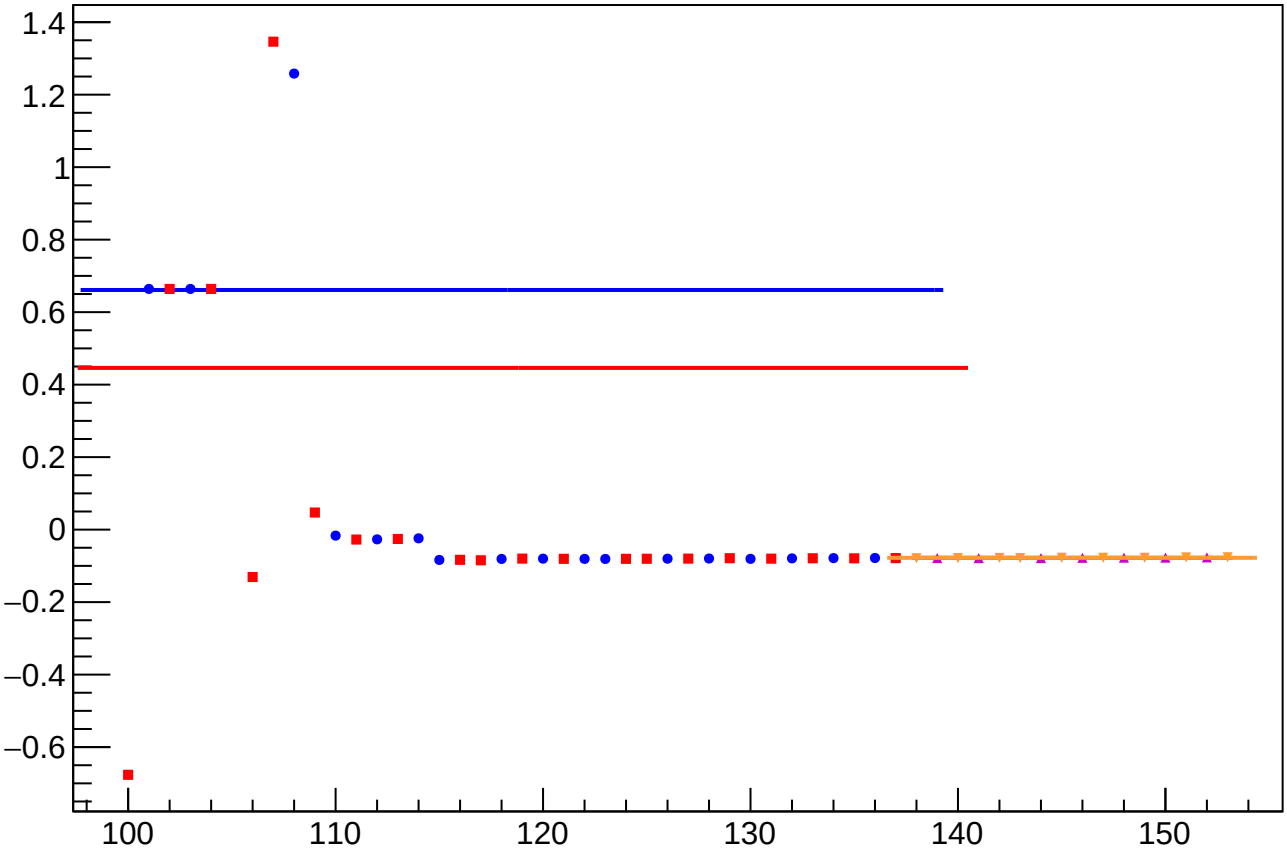
Right Out: 0.000+/-0.000 χ^2/NDF: 8880914.4/19

Left In: 0.009+/-0.000 χ^2/NDF:445568.3/6

0.000+/-0.000 χ^2/NDF: 18164046.1/25

0.000+/-0.000 χ^2/NDF: 17694939.1/26

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF: 5678332616622.1/16

Left Out: -0.078+/-0.000 χ^2/NDF:12173205.5/8

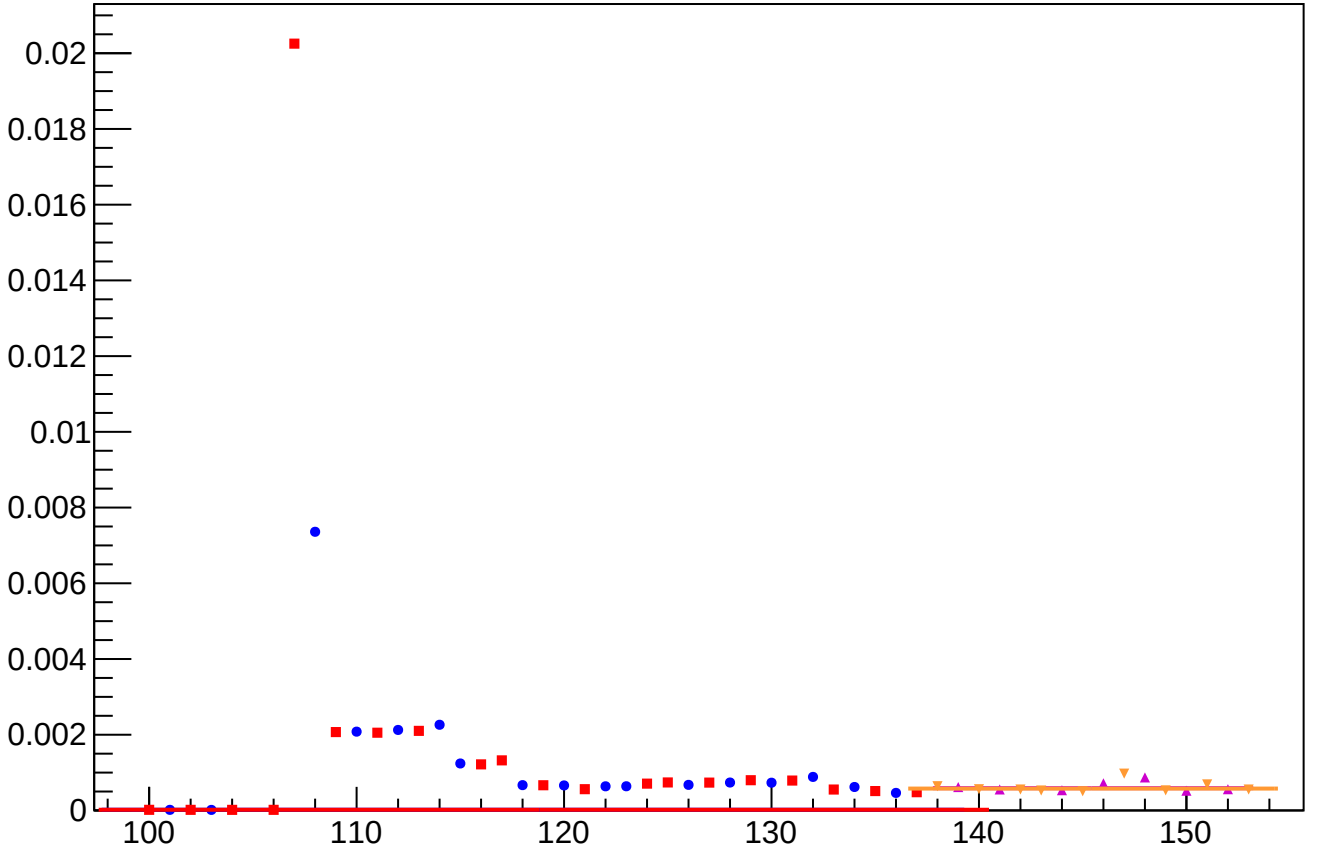
Right Out: 0.446+/-0.000 χ^2/NDF: 405434749783850.4/19

Left In: -0.078+/-0.000 χ^2/NDF:7826742.8/6

0.656+/-0.000 χ^2/NDF: 15540697693151.2/25

0.443+/-0.000 χ^2/NDF: 409627672034053.6/26

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 9997012.7/16

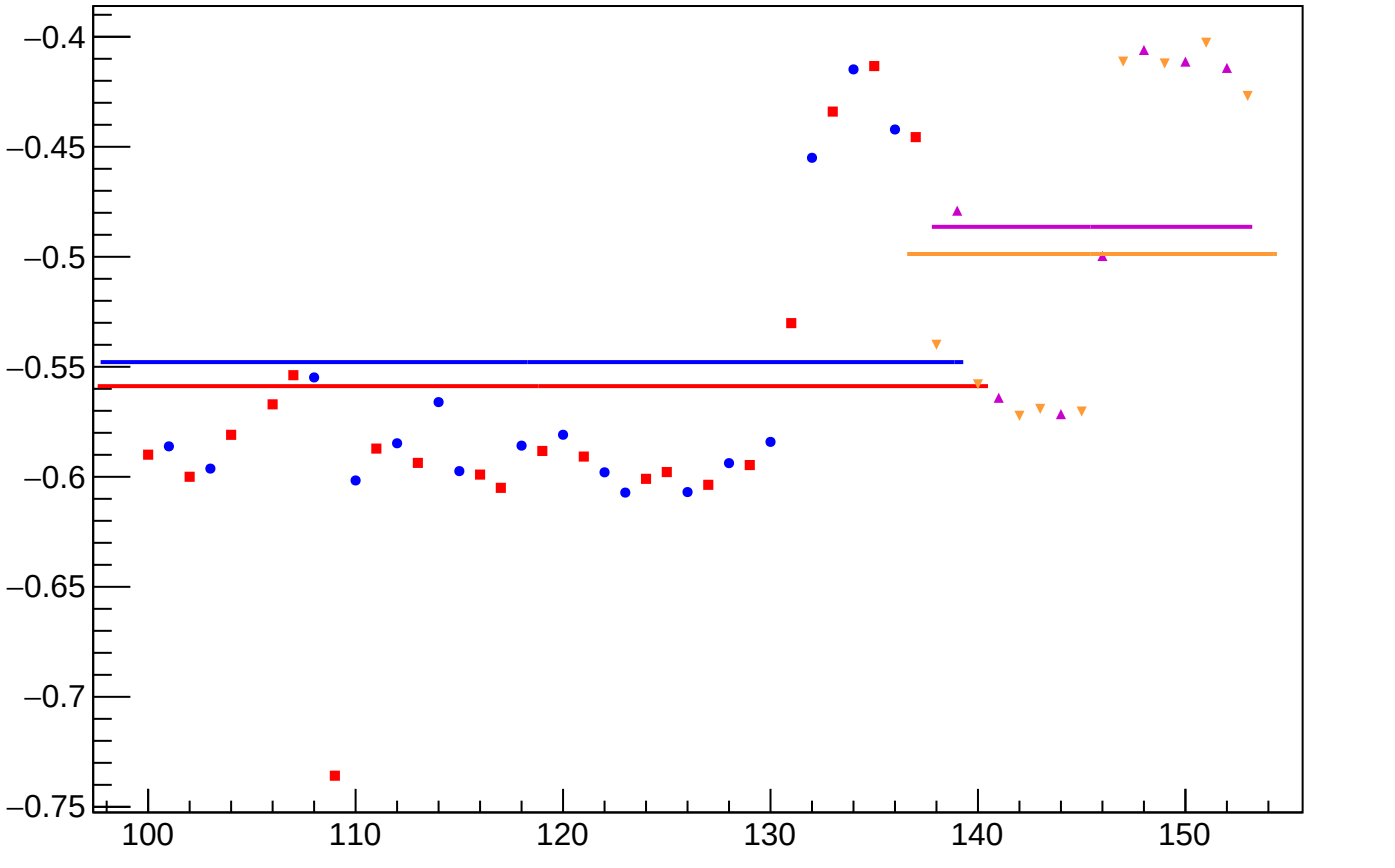
Left Out: 0.001+/-0.000 χ^2/NDF:356551.9/8

Right Out: 0.000+/-0.000 χ^2/NDF: 9575039.3/19

Left In: 0.001+/-0.000 χ^2/NDF:267375.7/6

0.000+/-0.000 χ^2/NDF: 21666368.1/25

0.000+/-0.000 χ^2/NDF: 19780700.0/26



Right In: -0.548+/-0.000 χ^2/NDF: 48579920.8/16

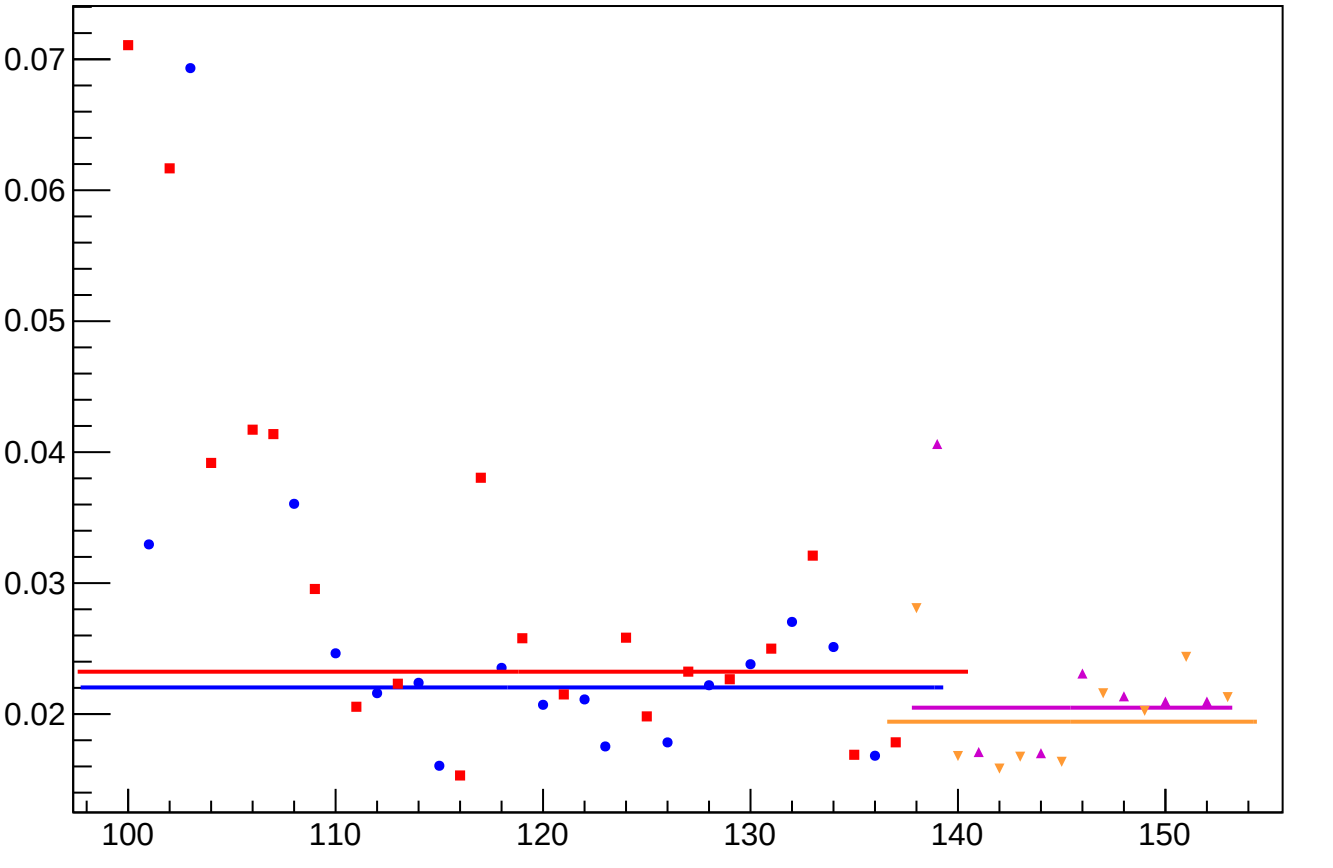
Left Out: -0.499+/-0.000 χ^2/NDF:73716101.8/8

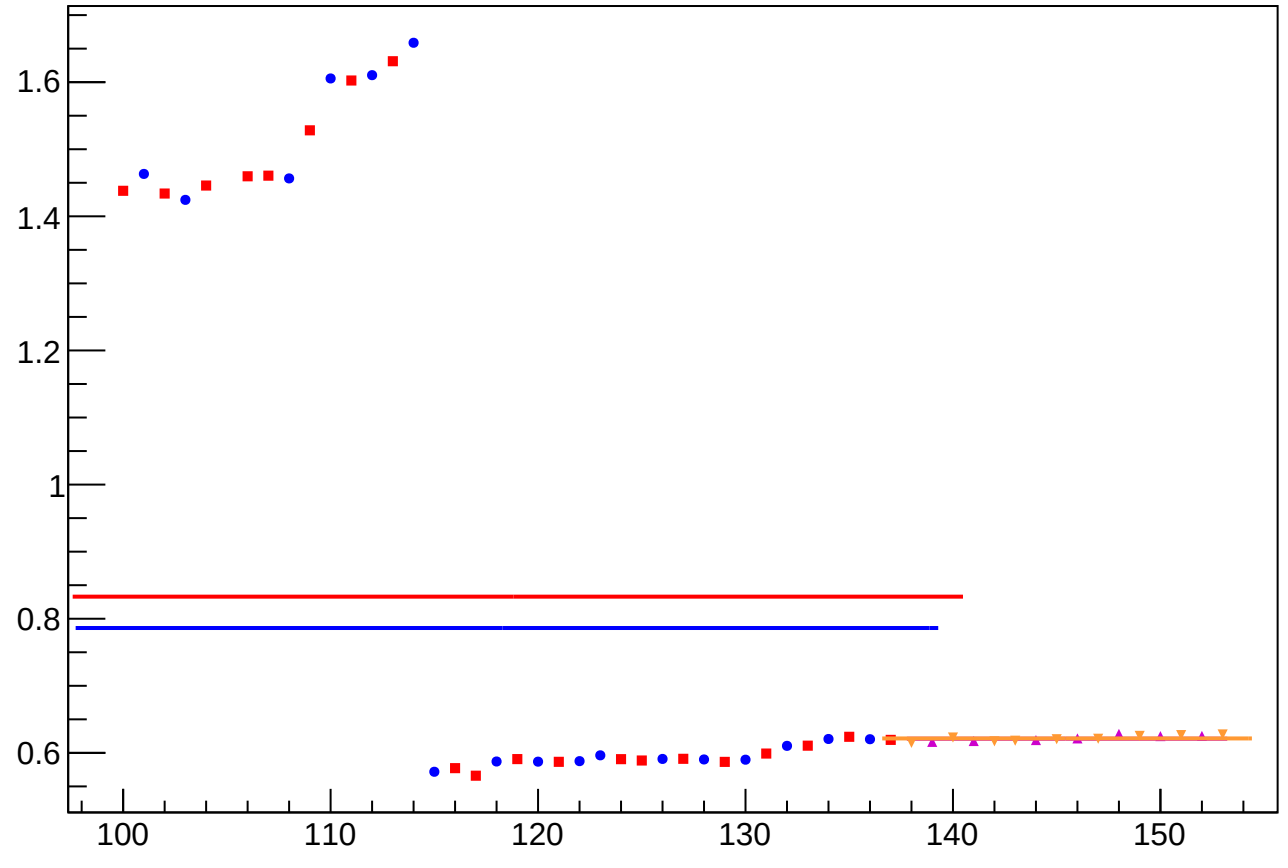
Right Out: -0.559+/-0.000 χ^2/NDF: 65741796.4/19

Left In: -0.486+/-0.000 χ^2/NDF:54303872.0/6

-0.521+/-0.000 χ^2/NDF: 136360422.4/25

-0.522+/-0.000 χ^2/NDF: 146654670.2/26


yield_bpm4aX_rms vs Slug
0.07
0.06
0.05
0.04
0.03
0.02
100
110
120
130
140
150
Right In: 0.022+/-0.000 χ²/NDF: 958966.6/16
Left Out: 0.019+/-0.000 χ²/NDF:311279.3/8
Right Out: 0.023+/-0.000 χ²/NDF: 1169205.3/19
Left In: 0.020+/-0.000 χ²/NDF:449705.2/6
0.021+/-0.000 χ²/NDF: 1349996.2/25
0.022+/-0.000 χ²/NDF: 1695531.7/26



Right In: 0.786+/-0.000 χ^2/NDF: 3590113316.1/16

Left Out: 0.622+/-0.000 χ^2/NDF:653674.6/8

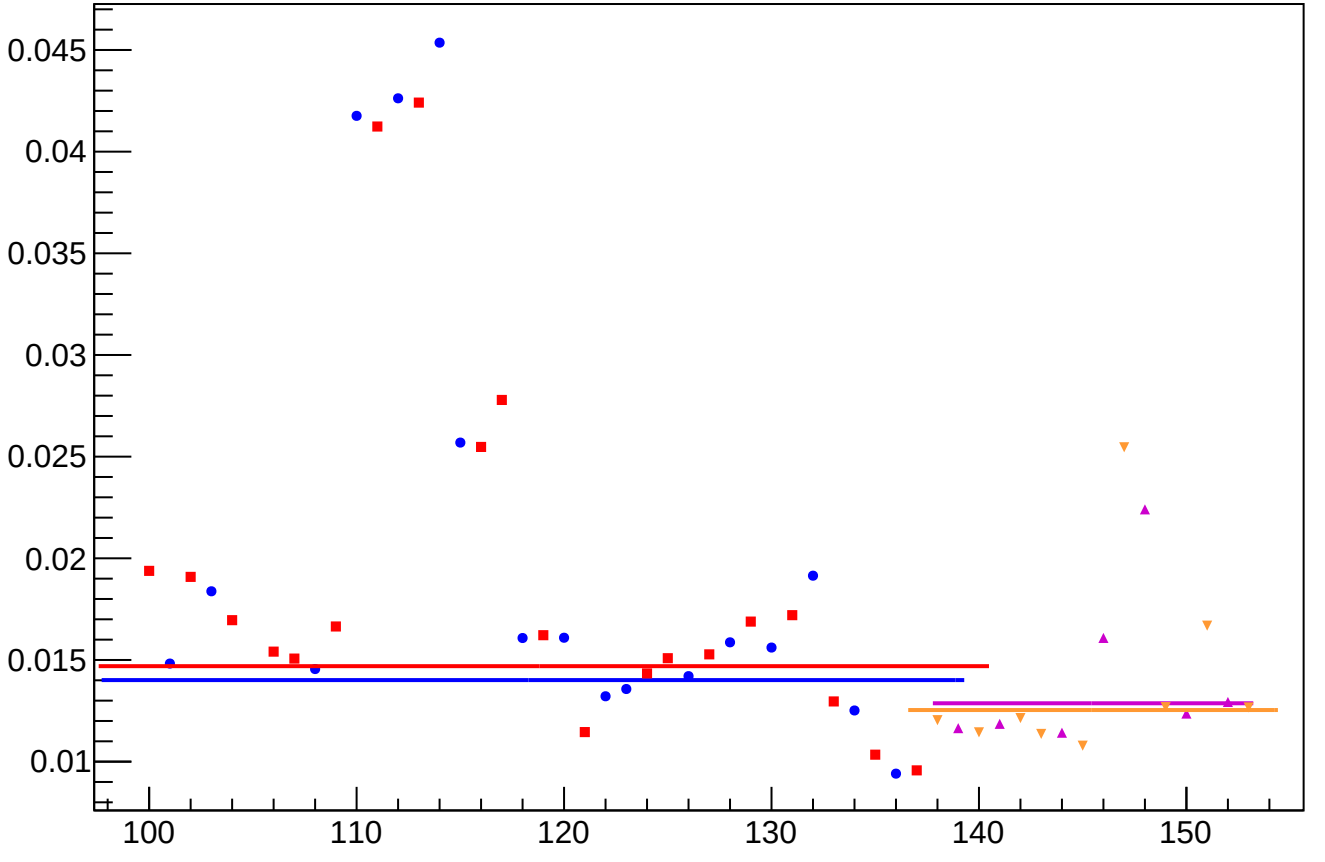
Right Out: 0.833+/-0.000 χ^2/NDF: 4160348649.7/19

Left In: 0.621+/-0.000 χ^2/NDF:450878.3/6

0.692+/-0.000 χ^2/NDF: 4037601147.8/25

0.720+/-0.000 χ^2/NDF: 4828916429.4/26

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1404865.3/16

Left Out: 0.013+/-0.000 χ^2/NDF:541438.7/8

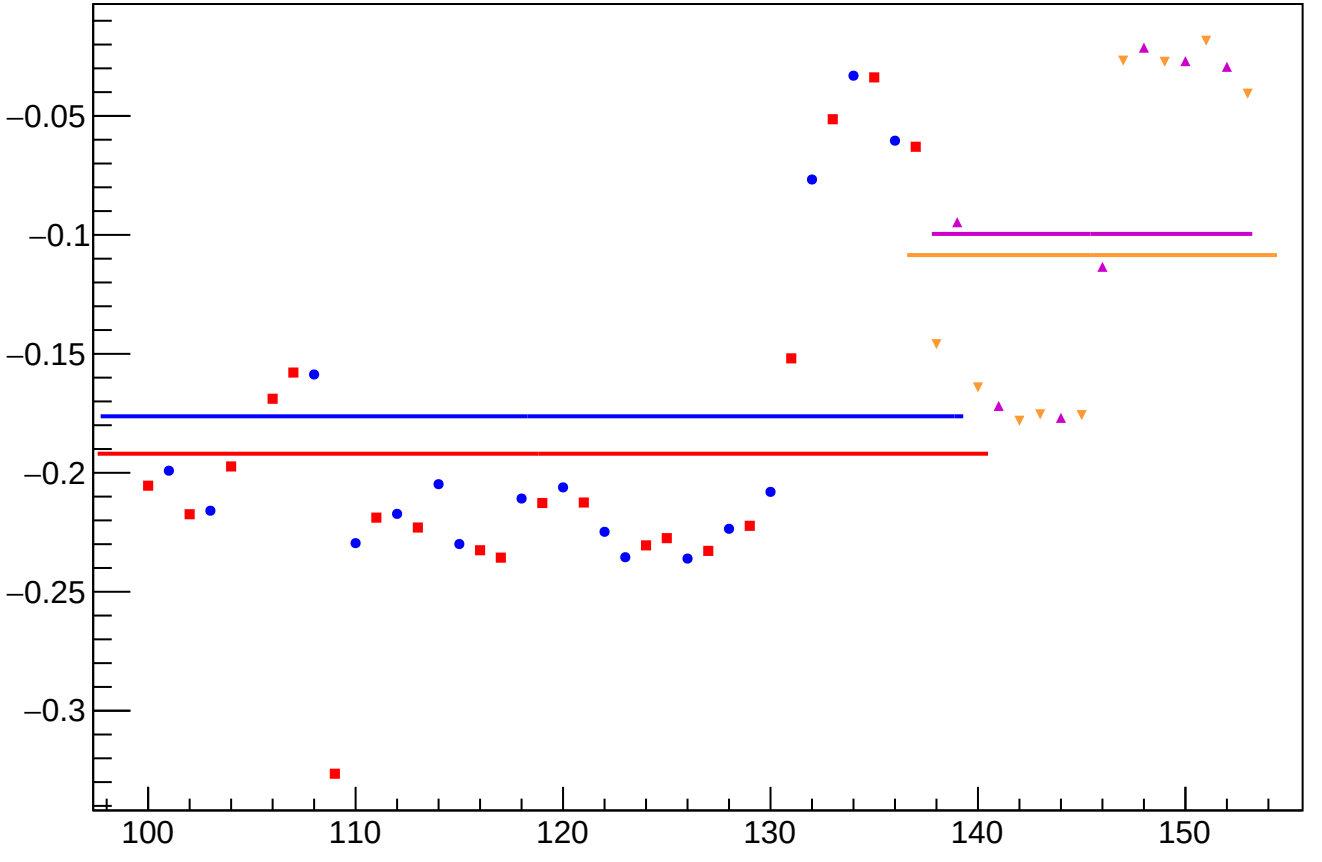
Right Out: 0.015+/-0.000 χ^2/NDF: 1280473.4/19

Left In: 0.013+/-0.000 χ^2/NDF:389184.8/6

0.013+/-0.000 χ^2/NDF: 2017796.7/25

0.014+/-0.000 χ^2/NDF: 1768825.2/26

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF: 70137178.3/16

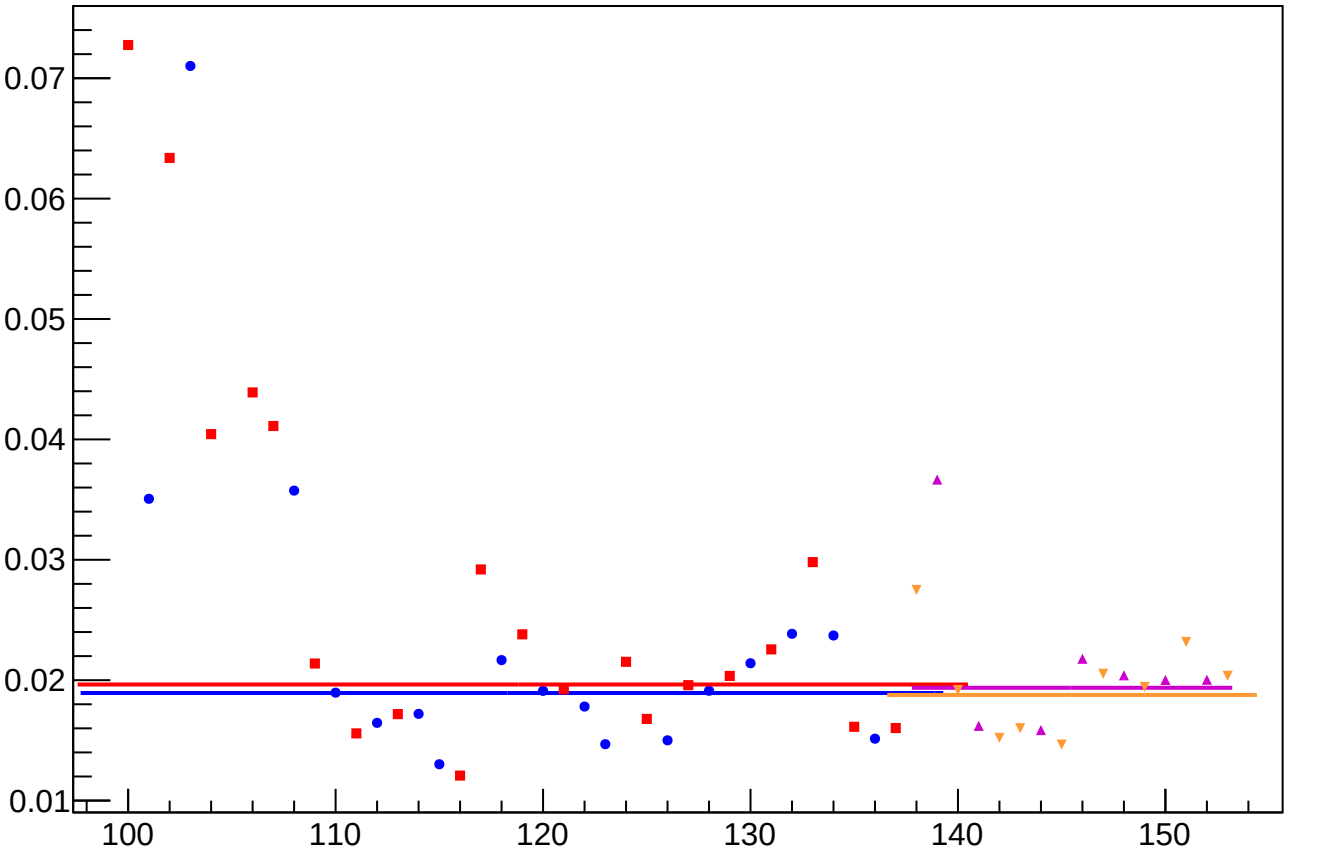
Left Out: -0.108+/-0.000 χ^2/NDF:71727038.9/8

Right Out: -0.192+/-0.000 χ^2/NDF: 83899255.4/19

Left In: -0.100+/-0.000 χ^2/NDF:54521127.4/6

-0.142+/-0.000 χ^2/NDF: 174226391.4/25

-0.149+/-0.000 χ^2/NDF: 191996898.0/26



Right In: 0.019+/-0.000 χ^2/NDF: 1205858.0/16

Left Out: 0.019+/-0.000 χ^2/NDF:338840.8/8

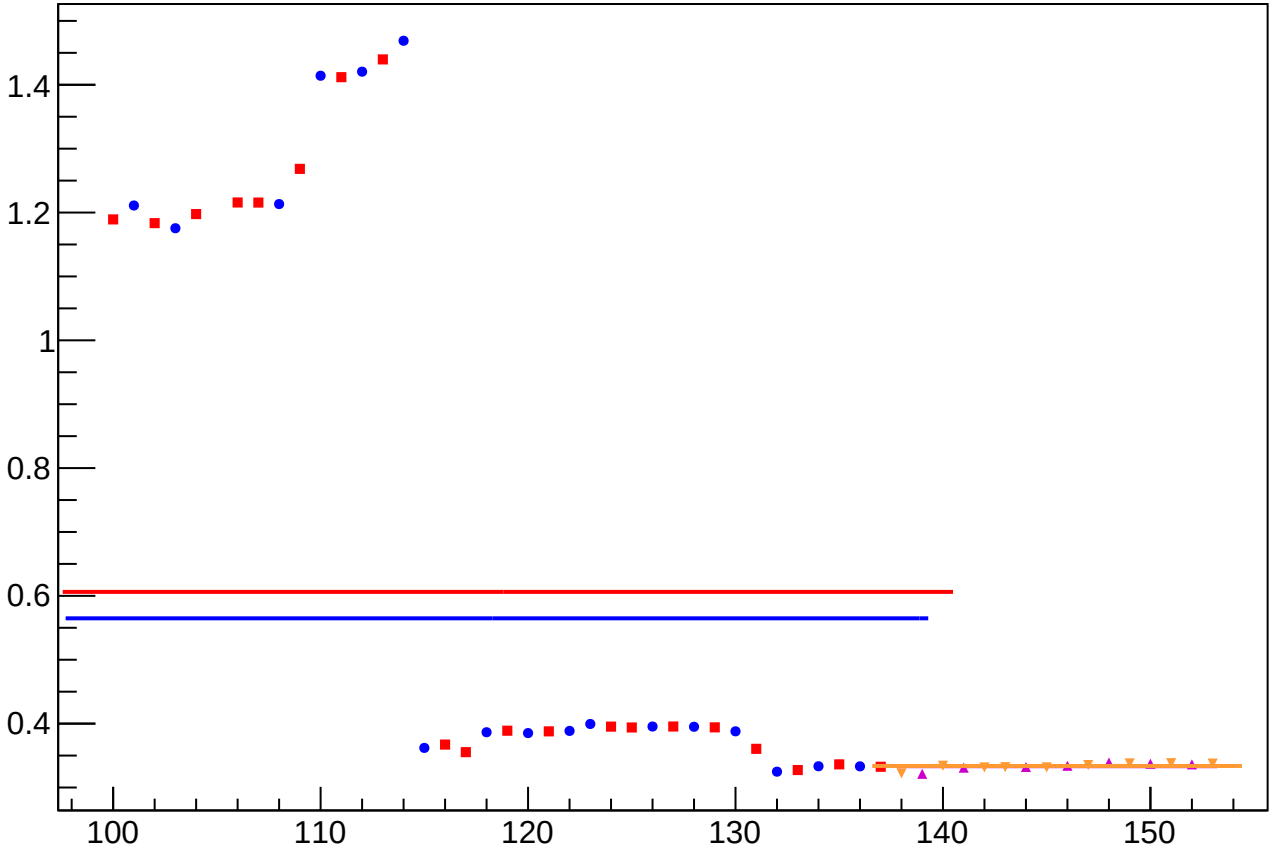
Right Out: 0.020+/-0.000 χ^2/NDF: 1466285.9/19

Left In: 0.019+/-0.000 χ^2/NDF:429598.5/6

0.019+/-0.000 χ^2/NDF: 1545066.3/25

0.020+/-0.000 χ^2/NDF: 1896820.8/26

yield_bpm4eY_mean vs Slug



Right In: 0.565+/-0.000 χ^2/NDF: 5030969499.3/16

Left Out: 0.334+/-0.000 χ^2/NDF:904530.6/8

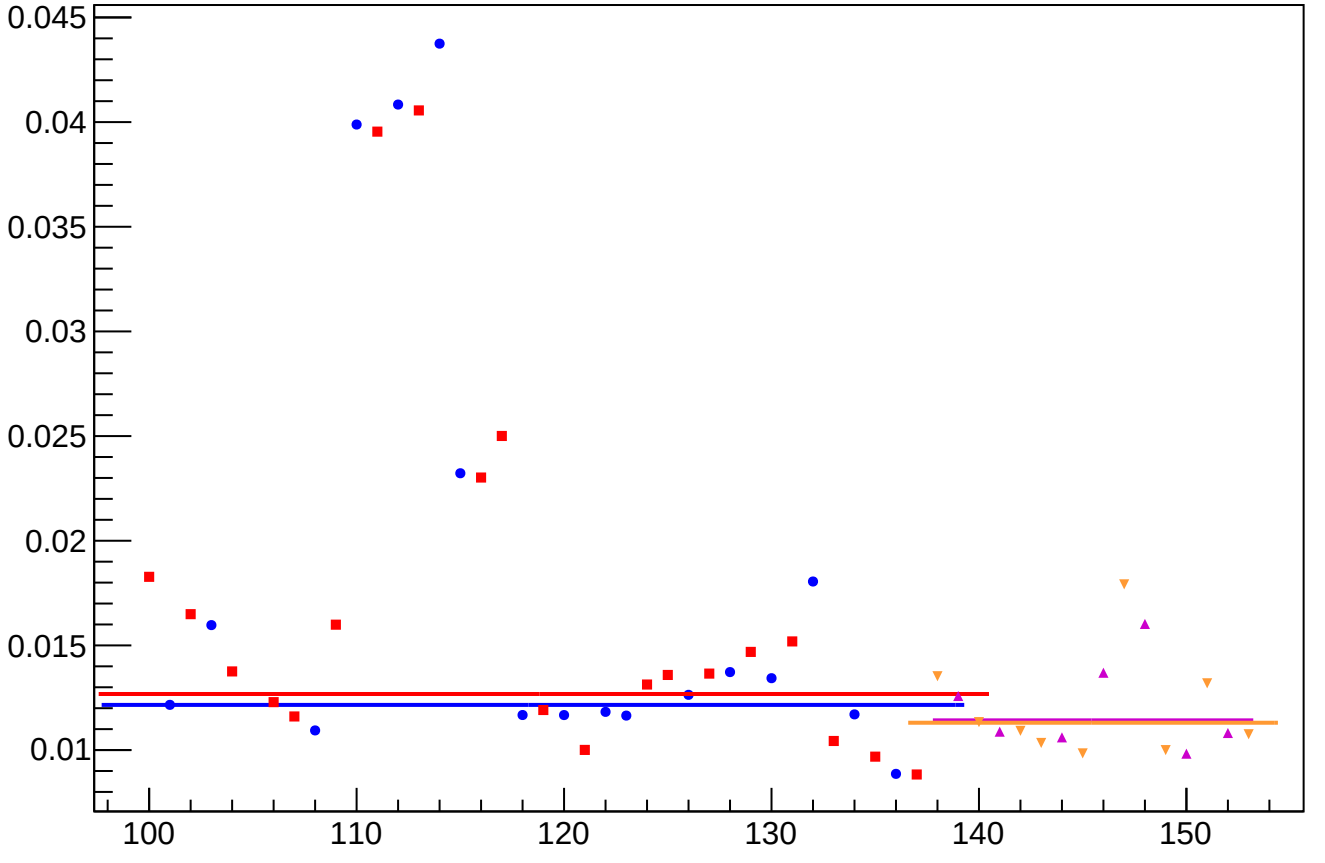
Right Out: 0.606+/-0.000 χ^2/NDF: 5517630064.2/19

Left In: 0.333+/-0.000 χ^2/NDF:929899.3/6

0.437+/-0.000 χ^2/NDF: 6167326538.9/25

0.463+/-0.000 χ^2/NDF: 6961517417.2/26

yield_bpm4eY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1309888.8/16

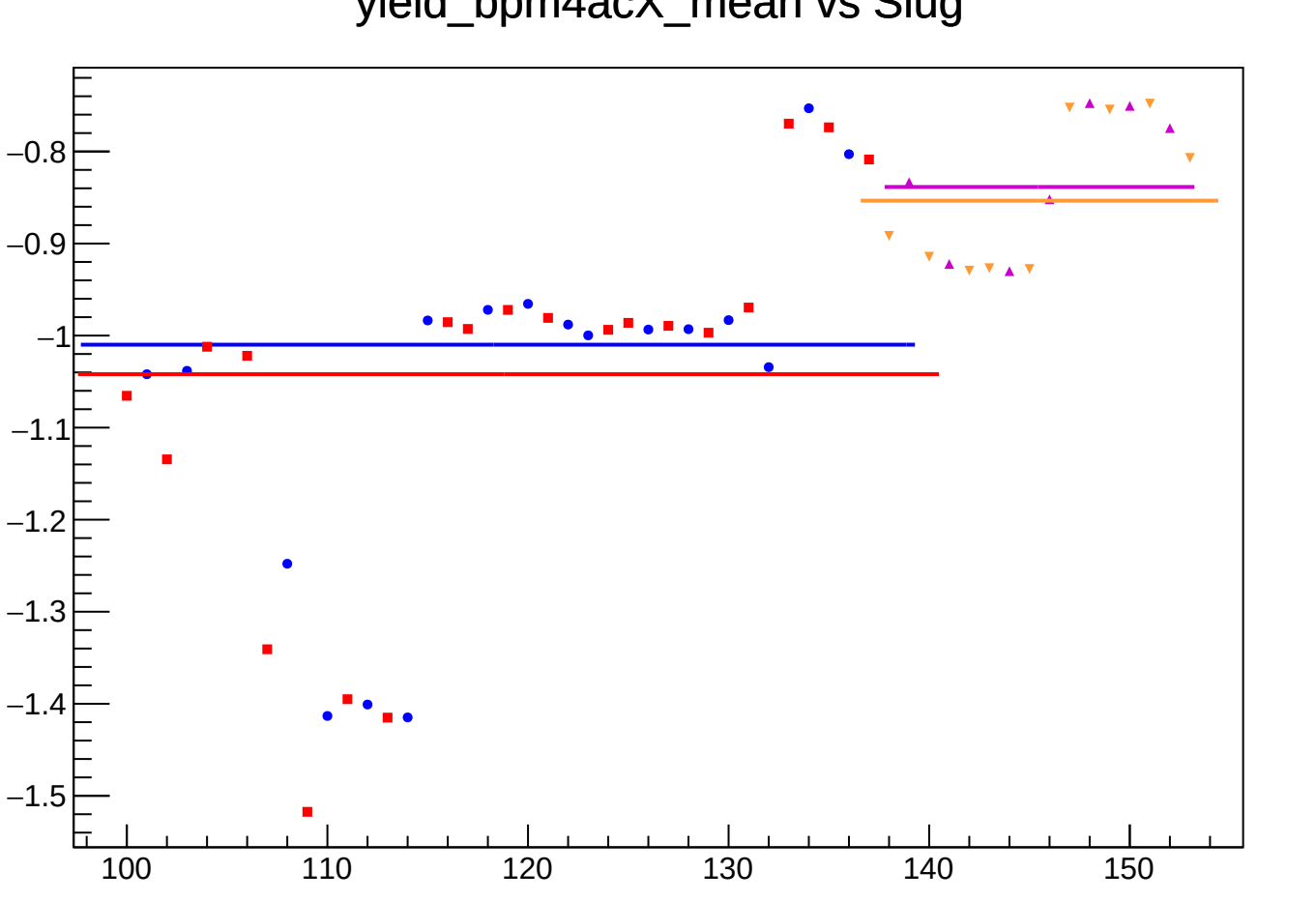
Left Out: 0.011+/-0.000 χ^2/NDF:347450.8/8

Right Out: 0.013+/-0.000 χ^2/NDF: 1289415.7/19

Left In: 0.011+/-0.000 χ^2/NDF:242858.7/6

0.012+/-0.000 χ^2/NDF: 1688168.2/25

0.012+/-0.000 χ^2/NDF: 1593805.0/26



Right In: -1.010+/-0.000 χ^2/NDF: 387650332.0/16

Left Out: -0.853+/-0.000 χ^2/NDF:85002383.7/8

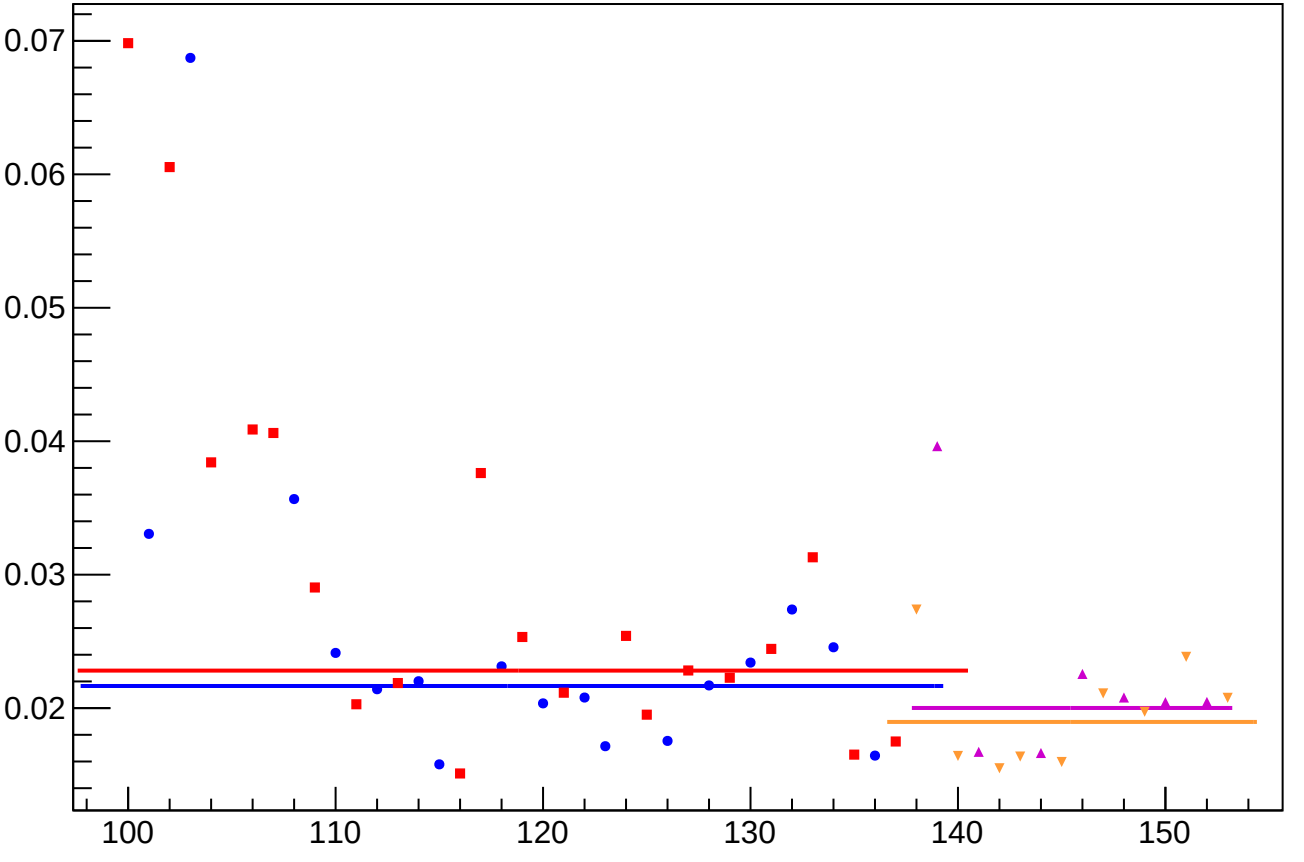
Right Out: -1.042+/-0.000 χ^2/NDF: 530175104.2/19

Left In: -0.839+/-0.000 χ^2/NDF:66134555.6/6

-0.923+/-0.000 χ^2/NDF: 620980856.6/25

-0.937+/-0.000 χ^2/NDF: 815068544.0/26

yield_bpm4acX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF: 983499.8/16

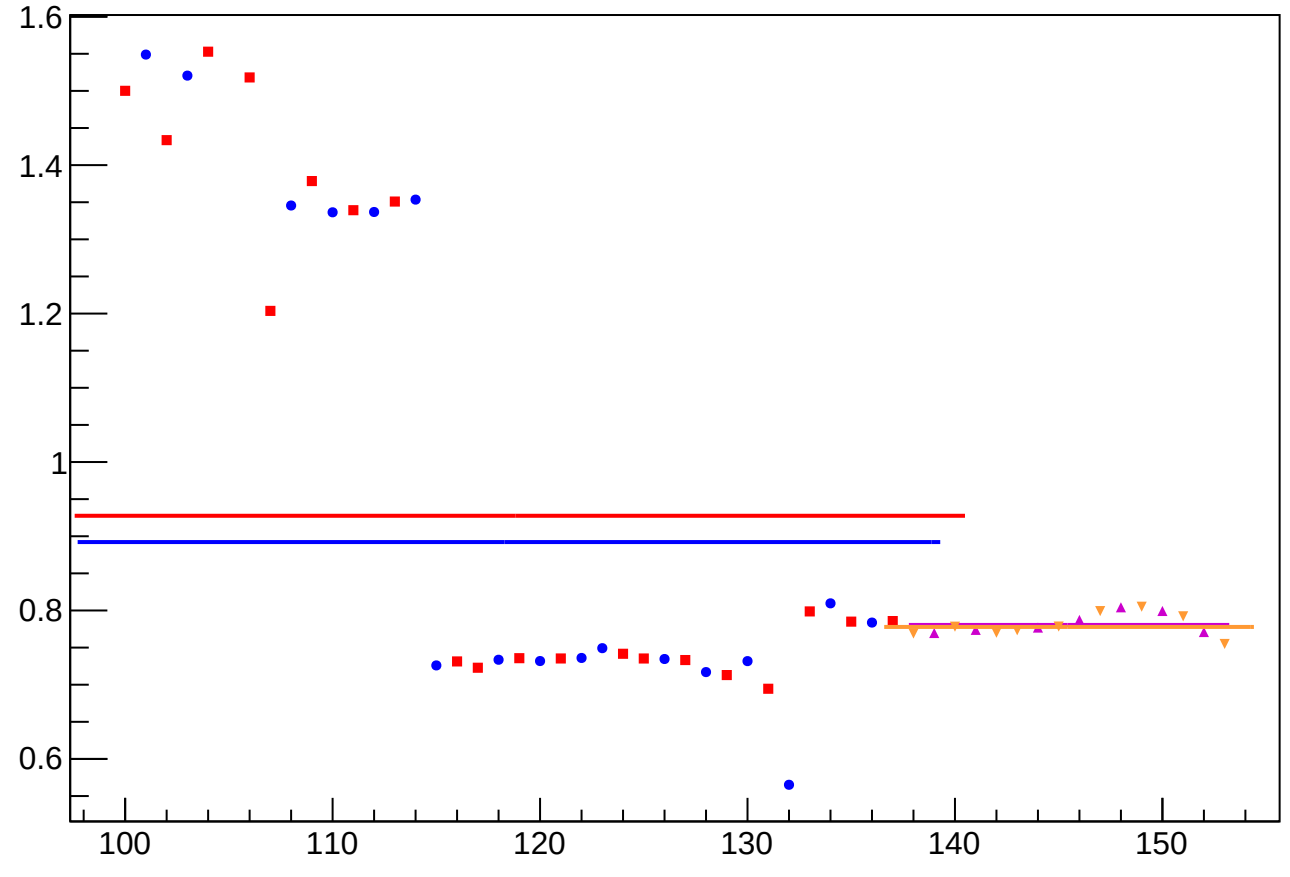
Left Out: 0.019+/-0.000 χ^2/NDF:310340.7/8

Right Out: 0.023+/-0.000 χ^2/NDF: 1165116.5/19

Left In: 0.020+/-0.000 χ^2/NDF:447195.4/6

0.020+/-0.000 χ^2/NDF: 1381768.9/25

0.021+/-0.000 χ^2/NDF: 1695269.2/26



Right In: 0.892+/-0.000 χ^2/NDF: 2413732173.6/16

Left Out: 0.778+/-0.000 χ^2/NDF:7910498.4/8

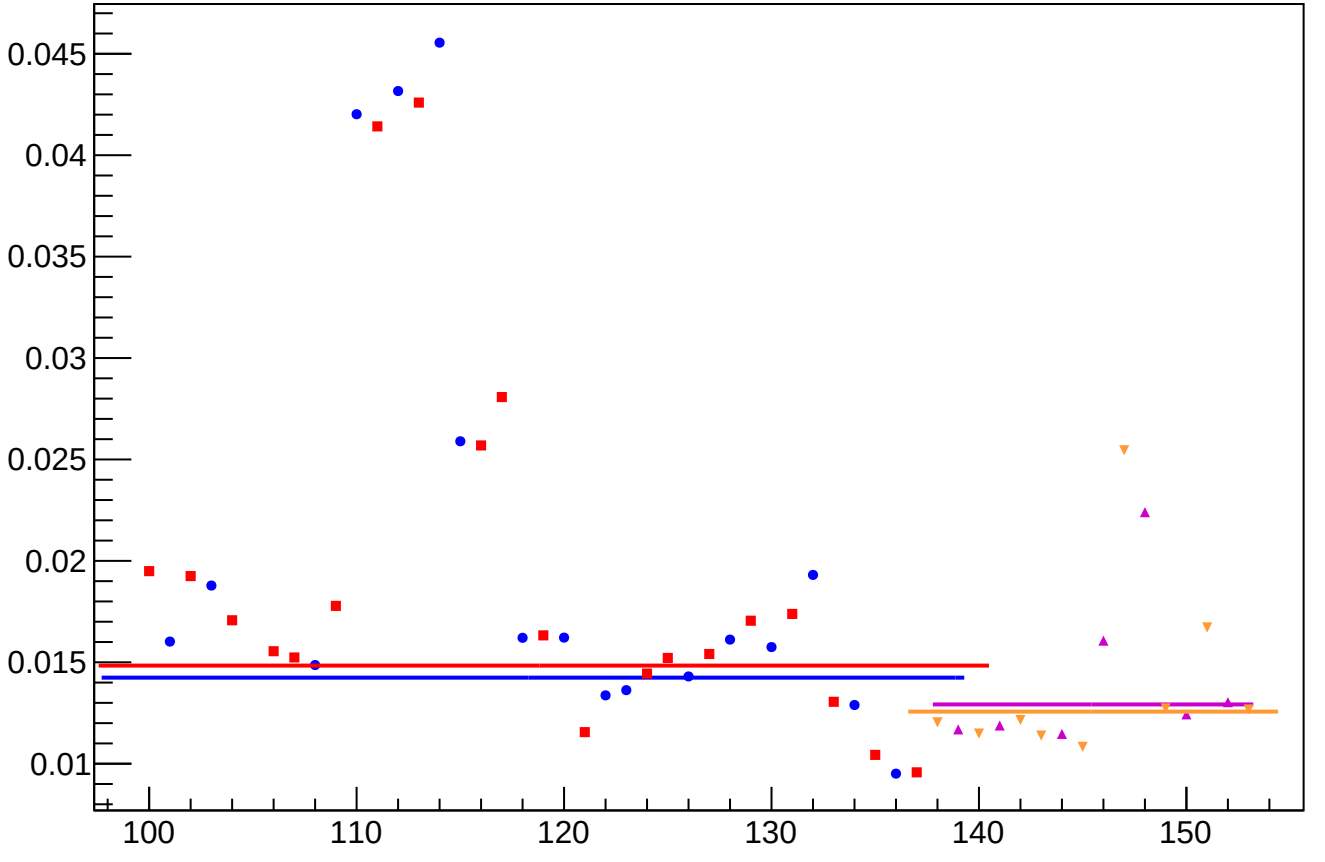
Right Out: 0.928+/-0.000 χ^2/NDF: 2439574936.7/19

Left In: 0.781+/-0.000 χ^2/NDF:4275793.3/6

0.826+/-0.000 χ^2/NDF: 2632002656.2/25

0.849+/-0.000 χ^2/NDF: 2760692041.8/26

yield_bpm4acY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1415681.3/16

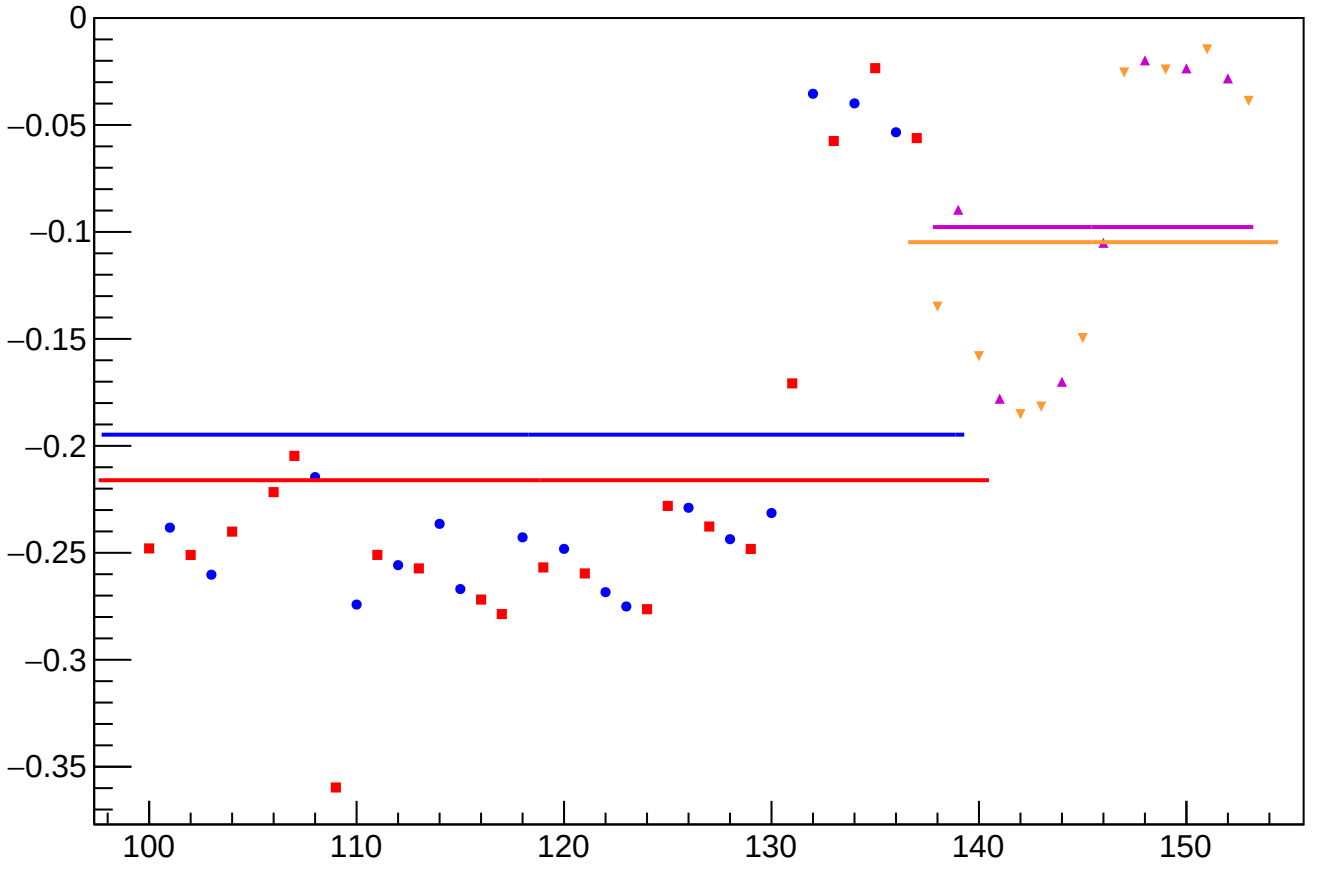
Left Out: 0.013+/-0.000 χ^2/NDF:537737.7/8

Right Out: 0.015+/-0.000 χ^2/NDF: 1291174.0/19

Left In: 0.013+/-0.000 χ^2/NDF:384214.6/6

0.013+/-0.000 χ^2/NDF: 2043629.8/25

0.014+/-0.000 χ^2/NDF: 1782884.9/26



Right In: -0.195+/-0.000 χ^2/NDF: 108656195.5/16

Left Out: -0.105+/-0.000 χ^2/NDF:67975778.2/8

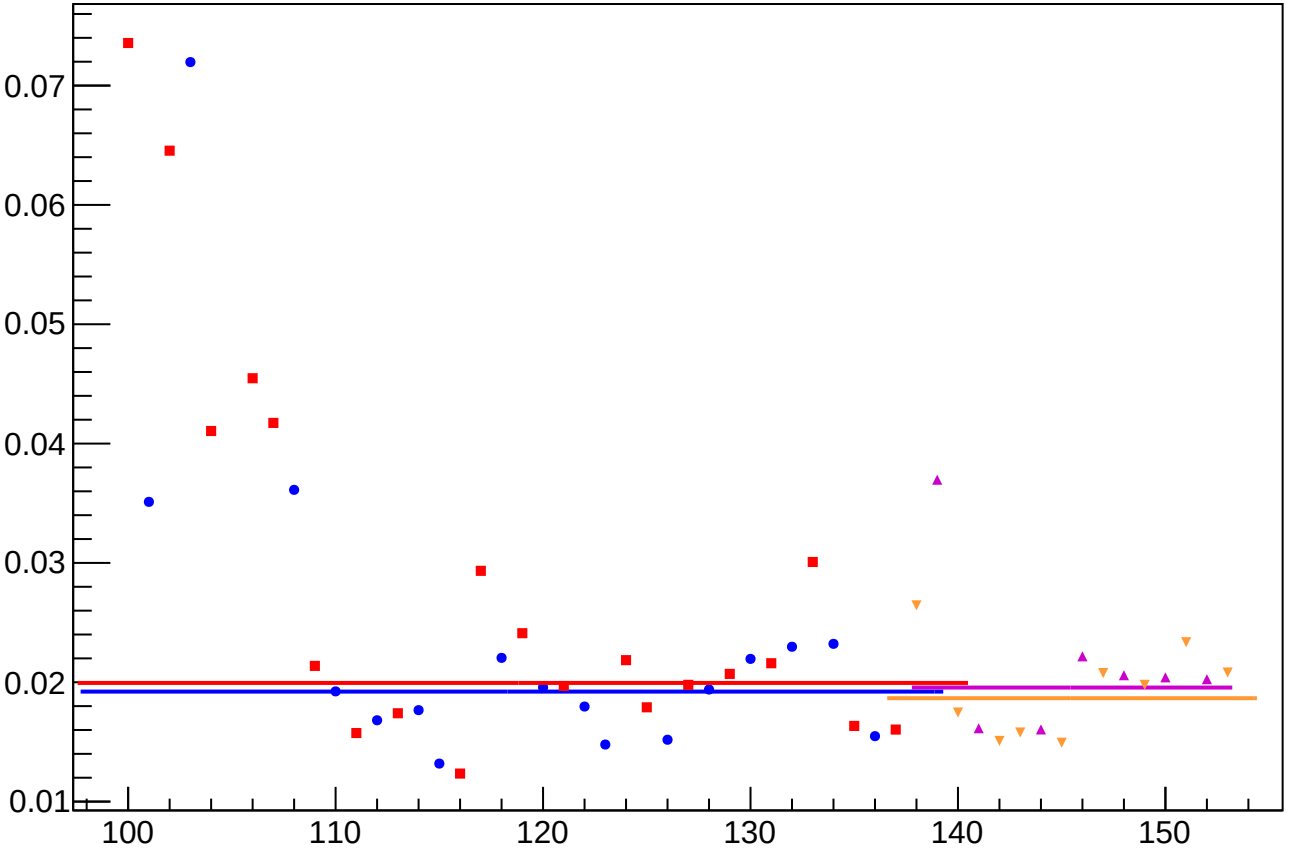
Right Out: -0.216+/-0.000 χ^2/NDF: 112167032.2/19

Left In: -0.098+/-0.000 χ^2/NDF:54449517.1/6

-0.149+/-0.000 χ^2/NDF: 232980322.0/25

-0.161+/-0.000 χ^2/NDF: 252359160.6/26

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF: 1177085.4/16

Left Out: 0.019+/-0.000 χ^2/NDF:328503.5/8

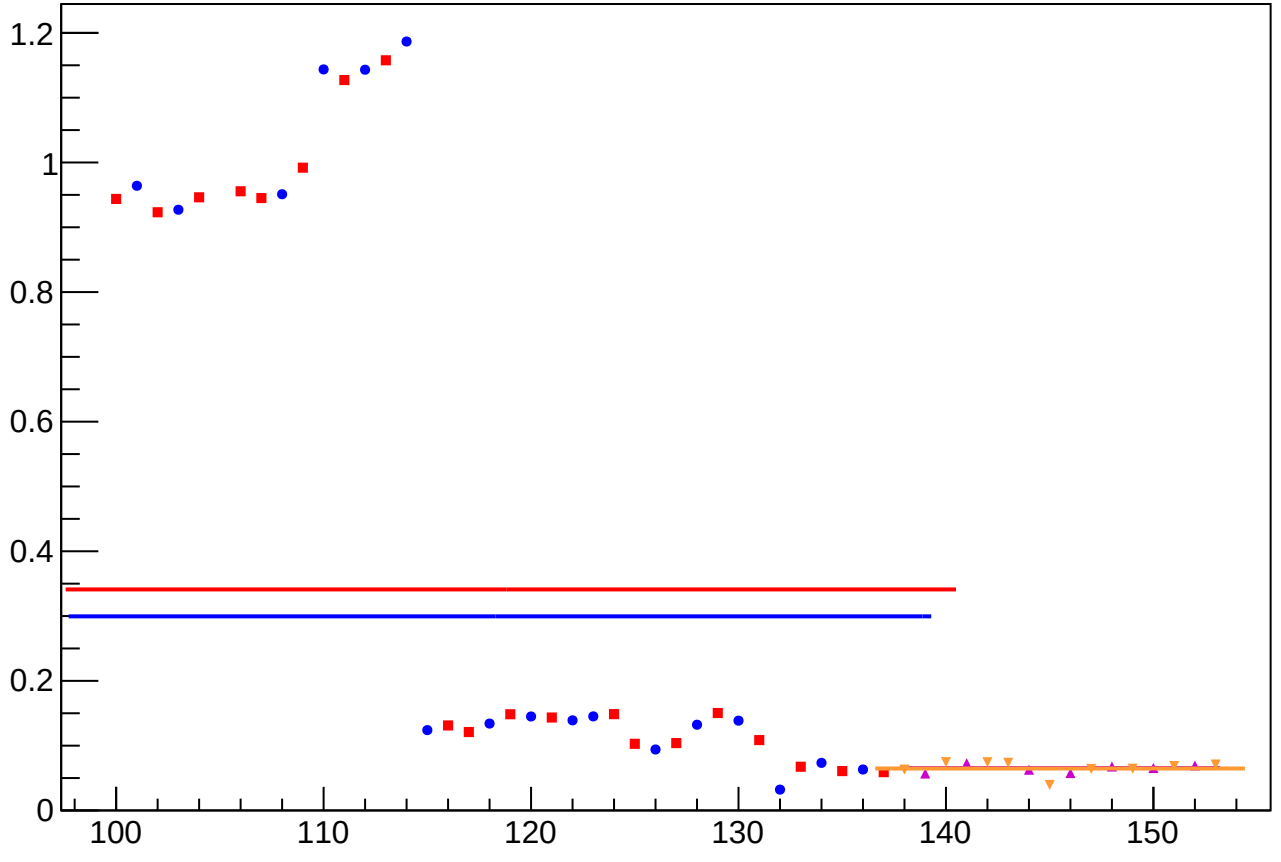
Right Out: 0.020+/-0.000 χ^2/NDF: 1455211.7/19

Left In: 0.020+/-0.000 χ^2/NDF:437739.2/6

0.019+/-0.000 χ^2/NDF: 1509852.9/25

0.020+/-0.000 χ^2/NDF: 1894792.7/26

yield_bpm4ecY_mean vs Slug



Right In: 0.300+/-0.000 χ^2/NDF: 5165052137.6/16

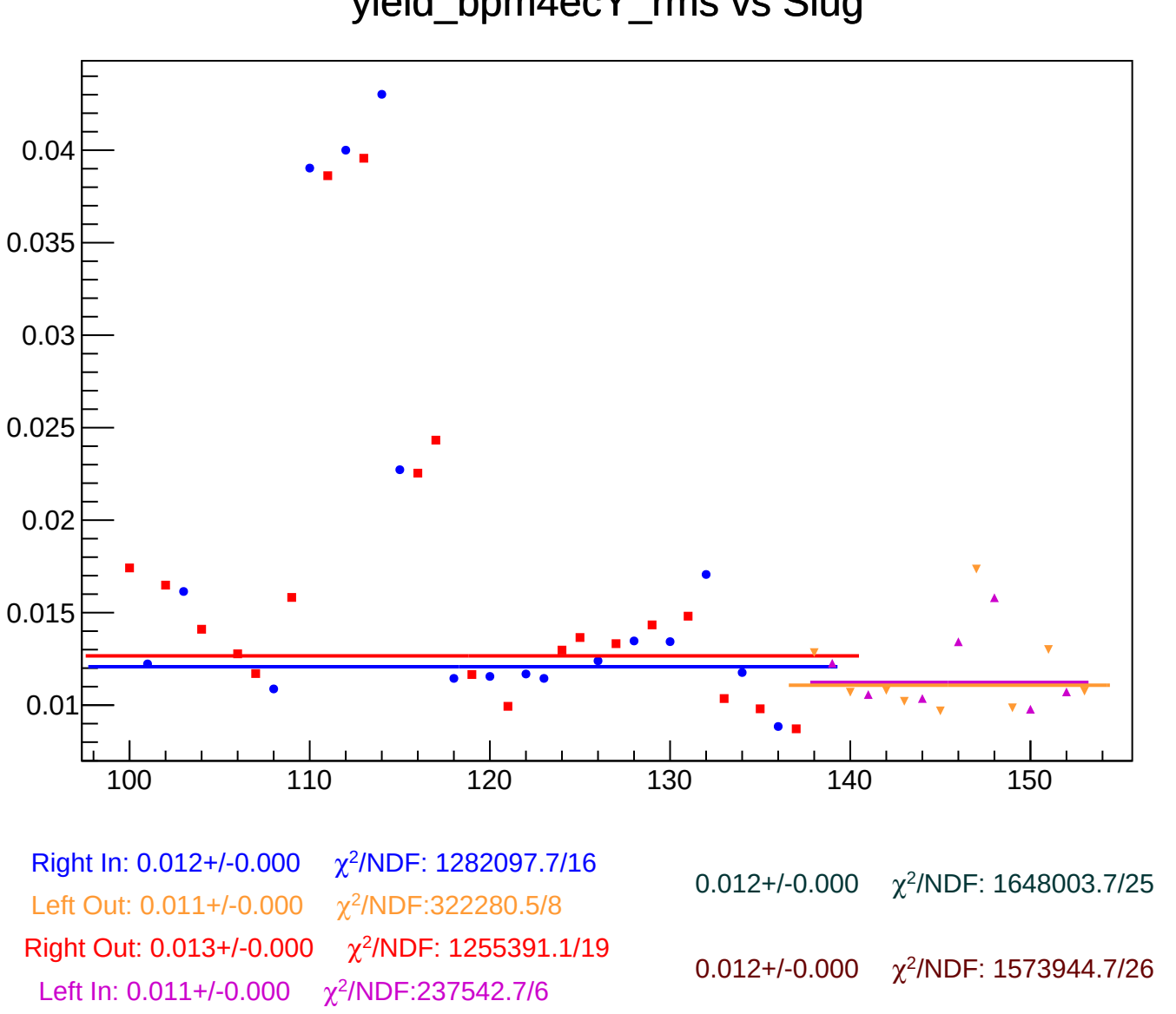
Left Out: 0.065+/-0.000 χ^2/NDF:6711766.8/8

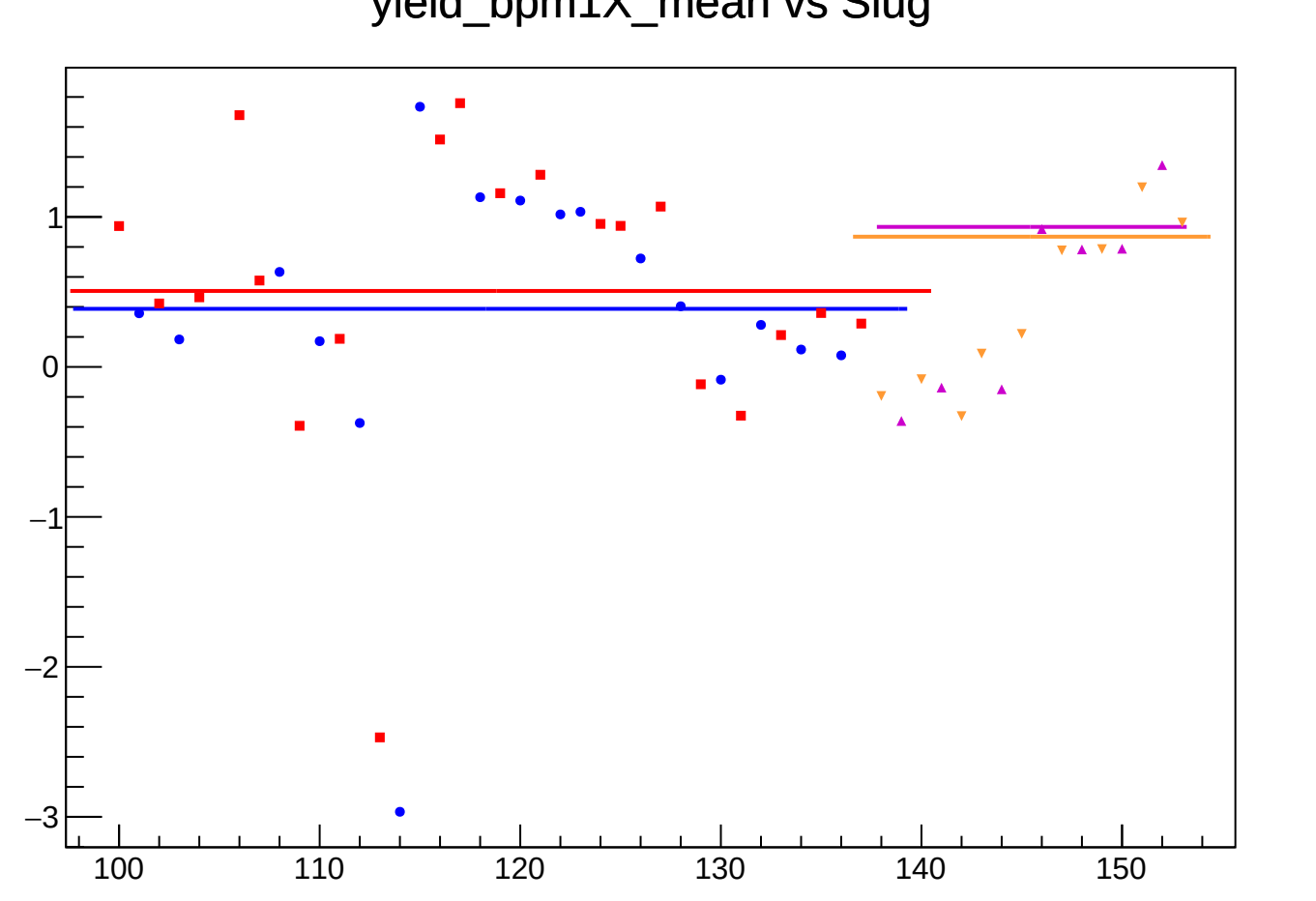
Right Out: 0.341+/-0.000 χ^2/NDF: 5453748737.7/19

Left In: 0.065+/-0.000 χ^2/NDF:1135999.8/6

0.168+/-0.000 χ^2/NDF: 6375252811.0/25

0.194+/-0.000 χ^2/NDF: 6953387872.1/26


yield_bpm4ecY_rms vs Slug
0.04
0.035
0.03
0.025
0.02
0.015
0.01
100
110
120
130
140
150
Right In: 0.012+/-0.000 χ²/NDF: 1282097.7/16
Left Out: 0.011+/-0.000 χ²/NDF:322280.5/8
Right Out: 0.013+/-0.000 χ²/NDF: 1255391.1/19
Left In: 0.011+/-0.000 χ²/NDF:237542.7/6
0.012+/-0.000 χ²/NDF: 1648003.7/25
0.012+/-0.000 χ²/NDF: 1573944.7/26



Right In: 0.387+/-0.000 χ^2/NDF: 247912593.5/16

Left Out: 0.868+/-0.000 χ^2/NDF:668618618.1/8

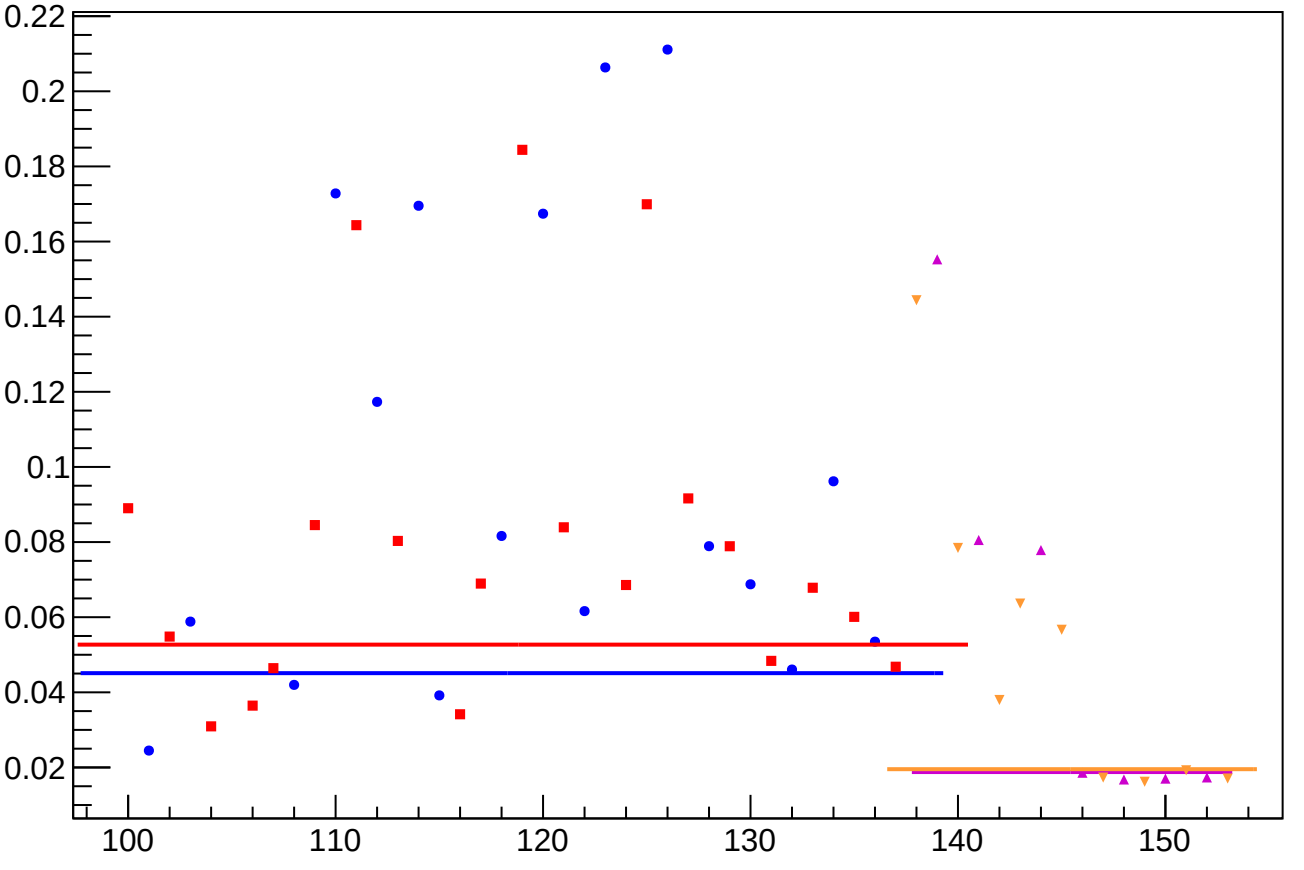
Right Out: 0.507+/-0.000 χ^2/NDF: 995347030.4/19

Left In: 0.934+/-0.000 χ^2/NDF:742370617.1/6

0.796+/-0.000 χ^2/NDF: 1260190470.2/25

0.875+/-0.000 χ^2/NDF: 1973855156.9/26

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF: 2846218.9/16

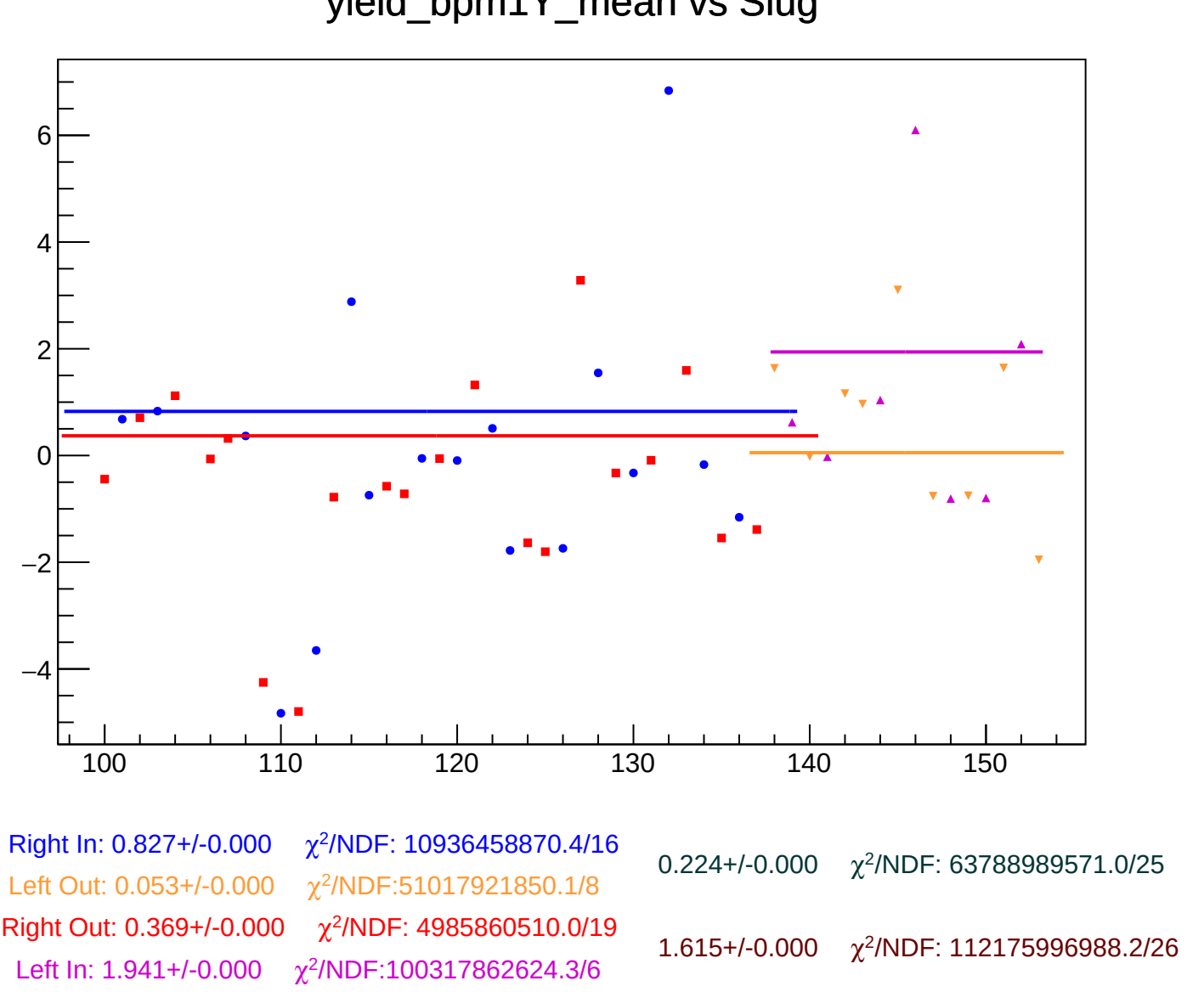
Left Out: 0.020+/-0.000 χ^2/NDF:2516851.1/8

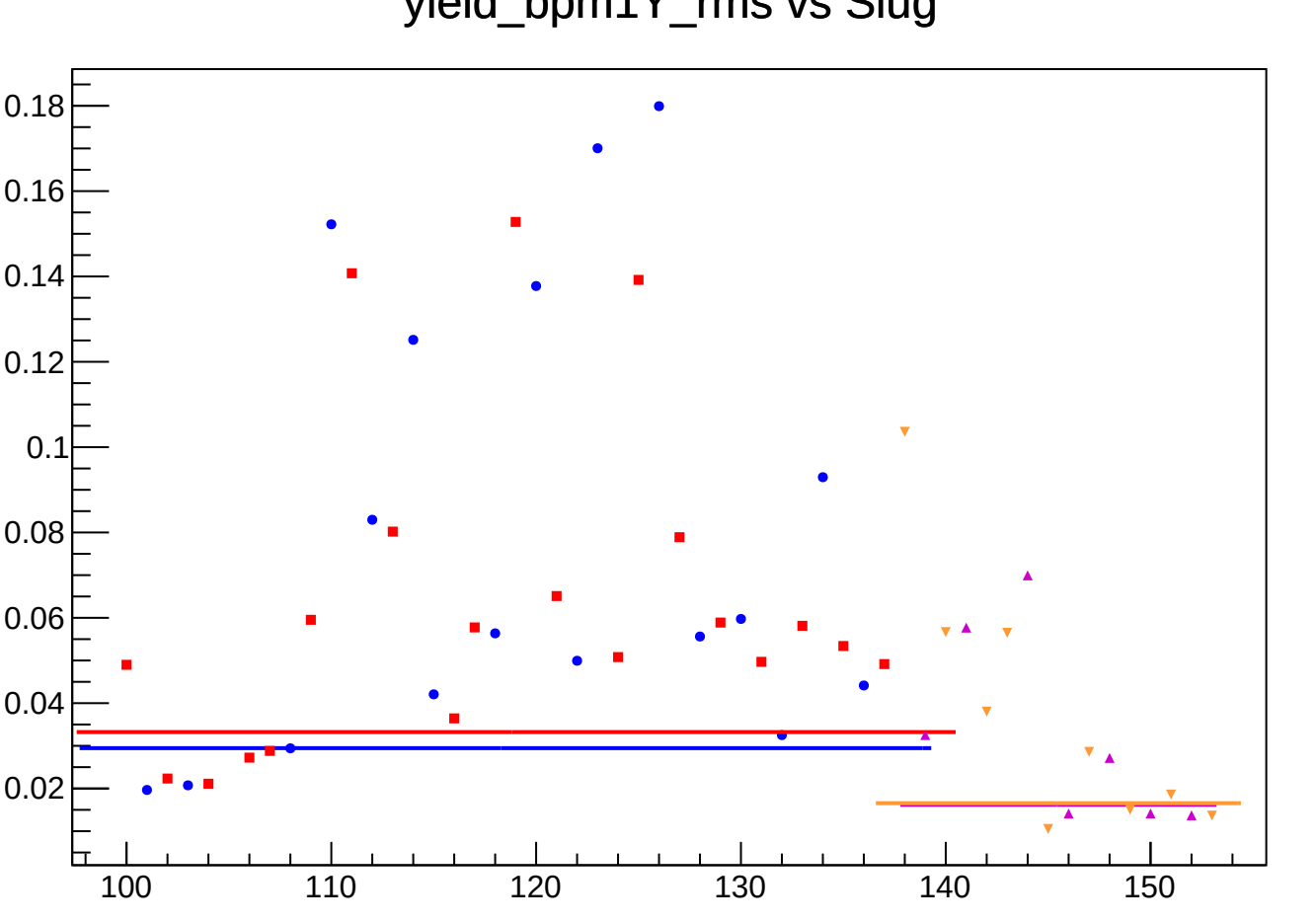
Right Out: 0.053+/-0.000 χ^2/NDF: 2194555.4/19

Left In: 0.019+/-0.000 χ^2/NDF:2137869.9/6

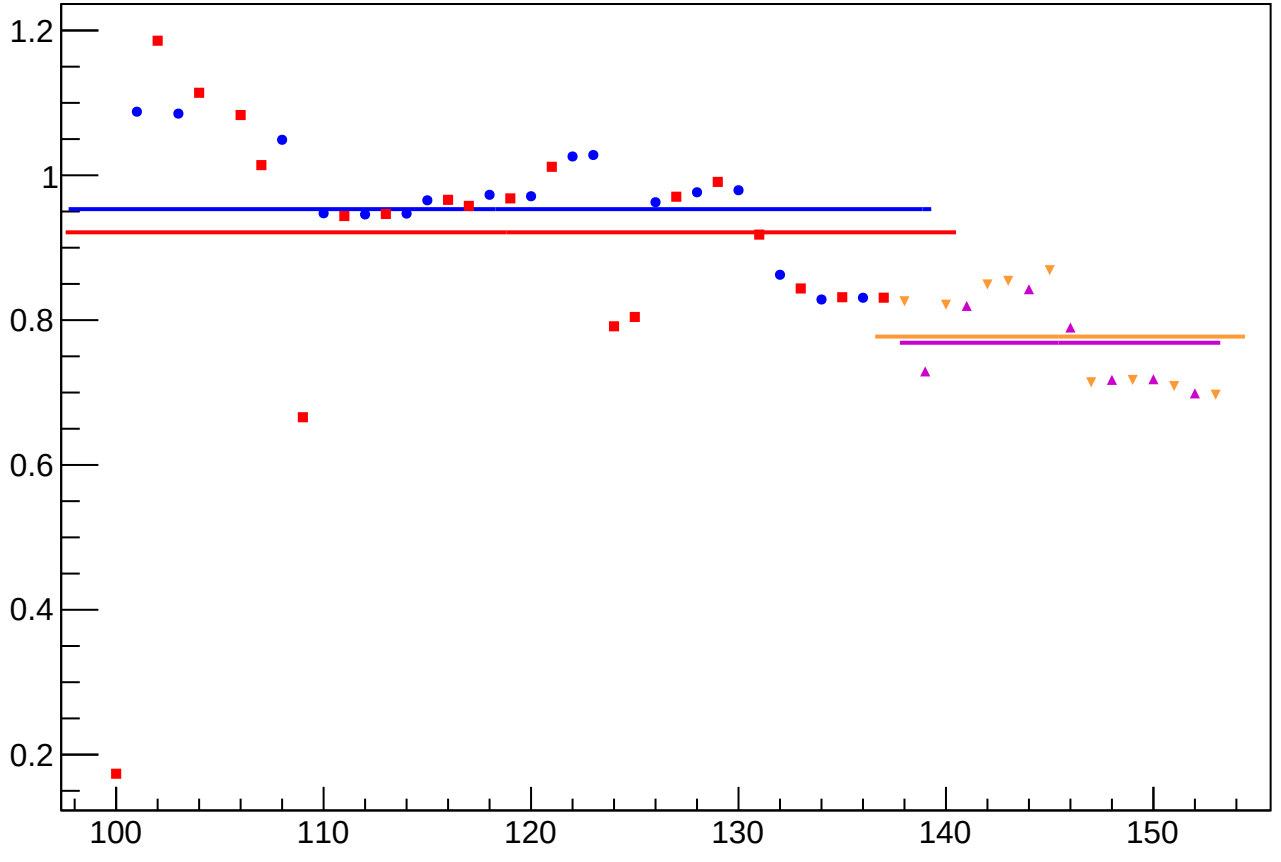
0.023+/-0.000 χ^2/NDF: 7303875.2/25

0.023+/-0.000 χ^2/NDF: 7311529.0/26


yield_bpm1Y_mean vs Slug
6
4
2
0
−2
−4
100
110
120
130
140
150
Right In: 0.827+/-0.000 χ²/NDF: 10936458870.4/16
Left Out: 0.053+/-0.000 χ²/NDF:51017921850.1/8
Right Out: 0.369+/-0.000 χ²/NDF: 4985860510.0/19
Left In: 1.941+/-0.000 χ²/NDF:100317862624.3/6
0.224+/-0.000 χ²/NDF: 63788989571.0/25
1.615+/-0.000 χ²/NDF: 112175996988.2/26


yield_bpm1Y_rms vs Slug
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
110
120
130
140
150
Right In: 0.029+/-0.000 χ²/NDF: 3053519.6/16
Left Out: 0.017+/-0.000 χ²/NDF:2436515.1/8
Right Out: 0.033+/-0.000 χ²/NDF: 3110014.7/19
Left In: 0.016+/-0.000 χ²/NDF:1595730.5/6
0.019+/-0.000 χ²/NDF: 6510900.3/25
0.020+/-0.000 χ²/NDF: 6322401.9/26

yield_bpm11X_mean vs Slug



Right In: 0.953+/-0.000 χ^2/NDF: 175396553.4/16

Left Out: 0.777+/-0.000 χ^2/NDF:170021643.0/8

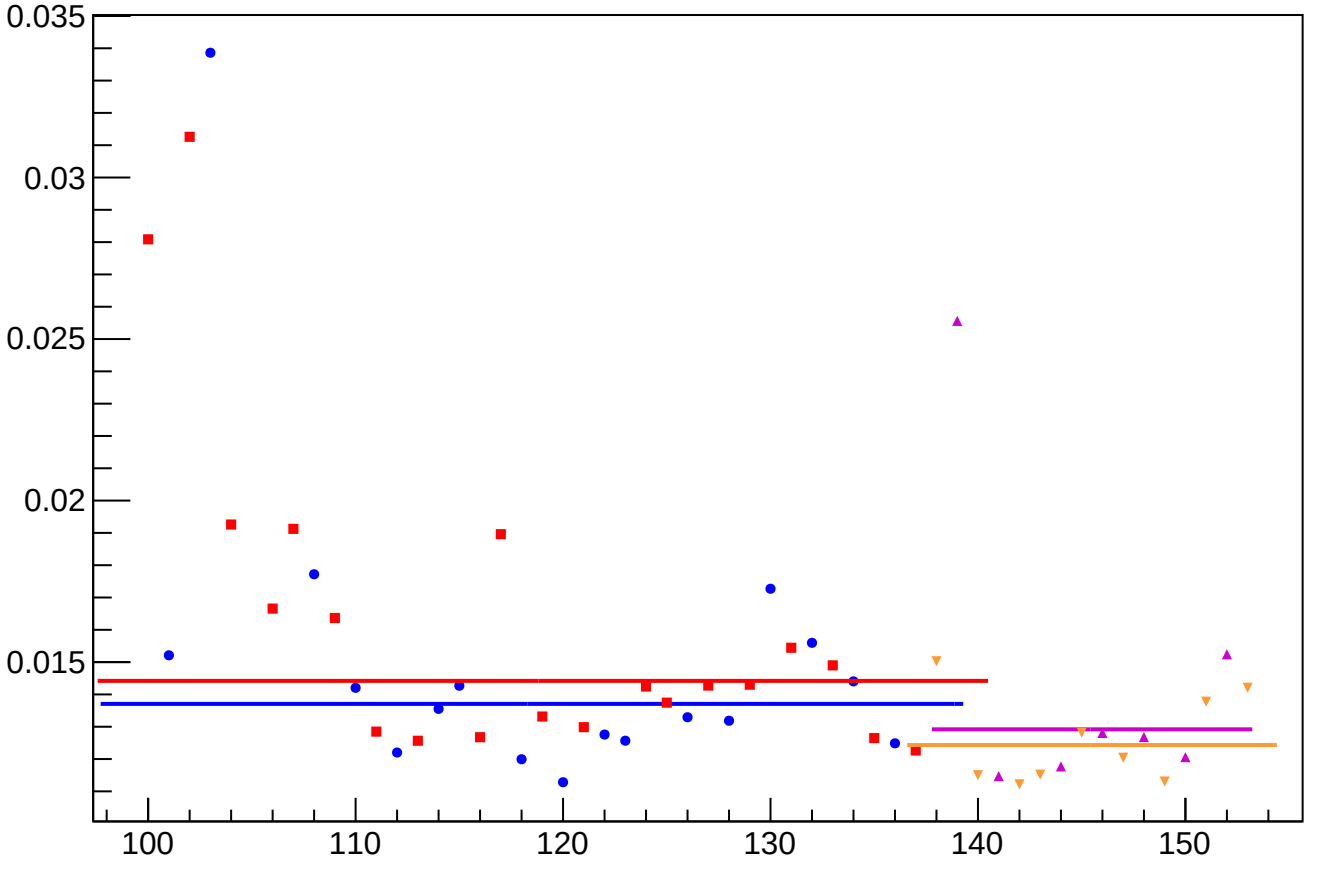
Right Out: 0.921+/-0.000 χ^2/NDF: 374376205.4/19

Left In: 0.769+/-0.000 χ^2/NDF:89302397.3/6

0.858+/-0.000 χ^2/NDF: 863768531.8/25

0.845+/-0.000 χ^2/NDF: 806835039.0/26

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 546317.6/16

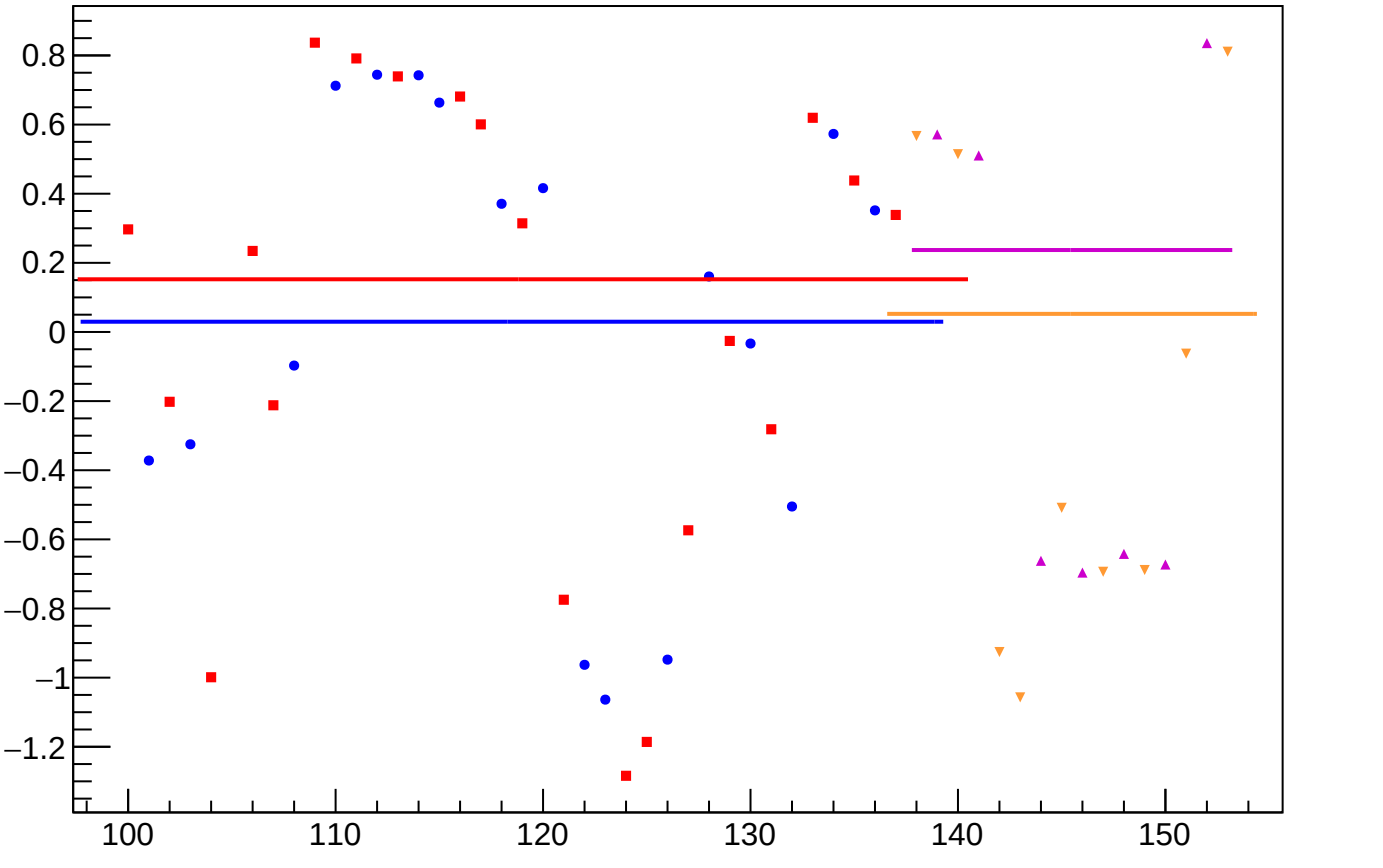
Left Out: 0.012+/-0.000 χ^2/NDF:112914.3/8

Right Out: 0.014+/-0.000 χ^2/NDF: 506553.4/19

Left In: 0.013+/-0.000 χ^2/NDF:402856.2/6

0.013+/-0.000 χ^2/NDF: 713582.5/25

0.014+/-0.000 χ^2/NDF: 975814.6/26



Right In: 0.030+/-0.000 χ^2/NDF: 6294824795.0/16

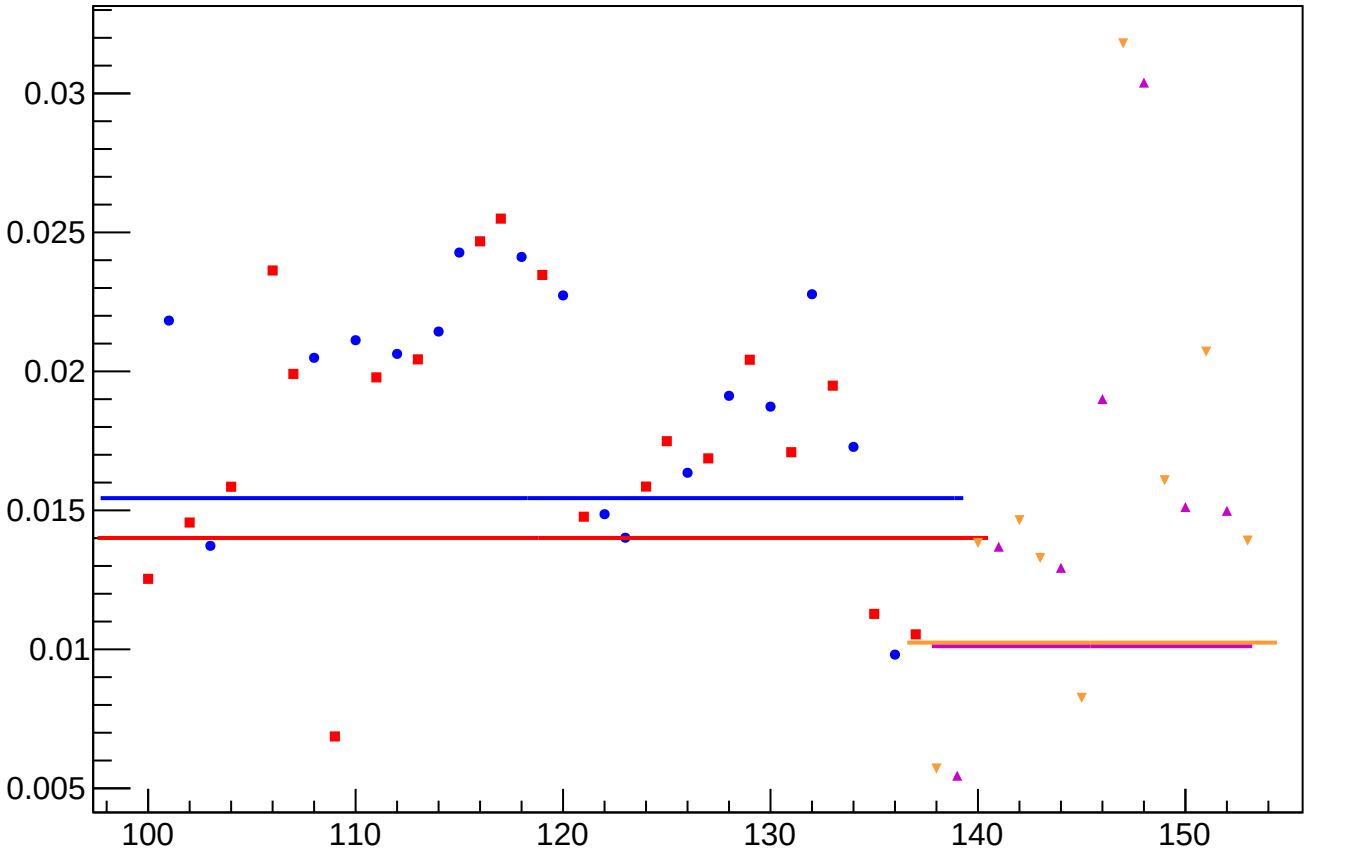
Left Out: 0.052+/-0.000 χ^2/NDF:19037326169.3/8

Right Out: 0.152+/-0.000 χ^2/NDF: 12673501089.9/19

Left In: 0.237+/-0.000 χ^2/NDF:13374955198.5/6

0.045+/-0.000 χ^2/NDF: 25340217921.9/25

0.202+/-0.000 χ^2/NDF: 26168674141.4/26



Right In: 0.015+/-0.000 χ^2/NDF: 1161852.5/16

Left Out: 0.010+/-0.000 χ^2/NDF:2417832.9/8

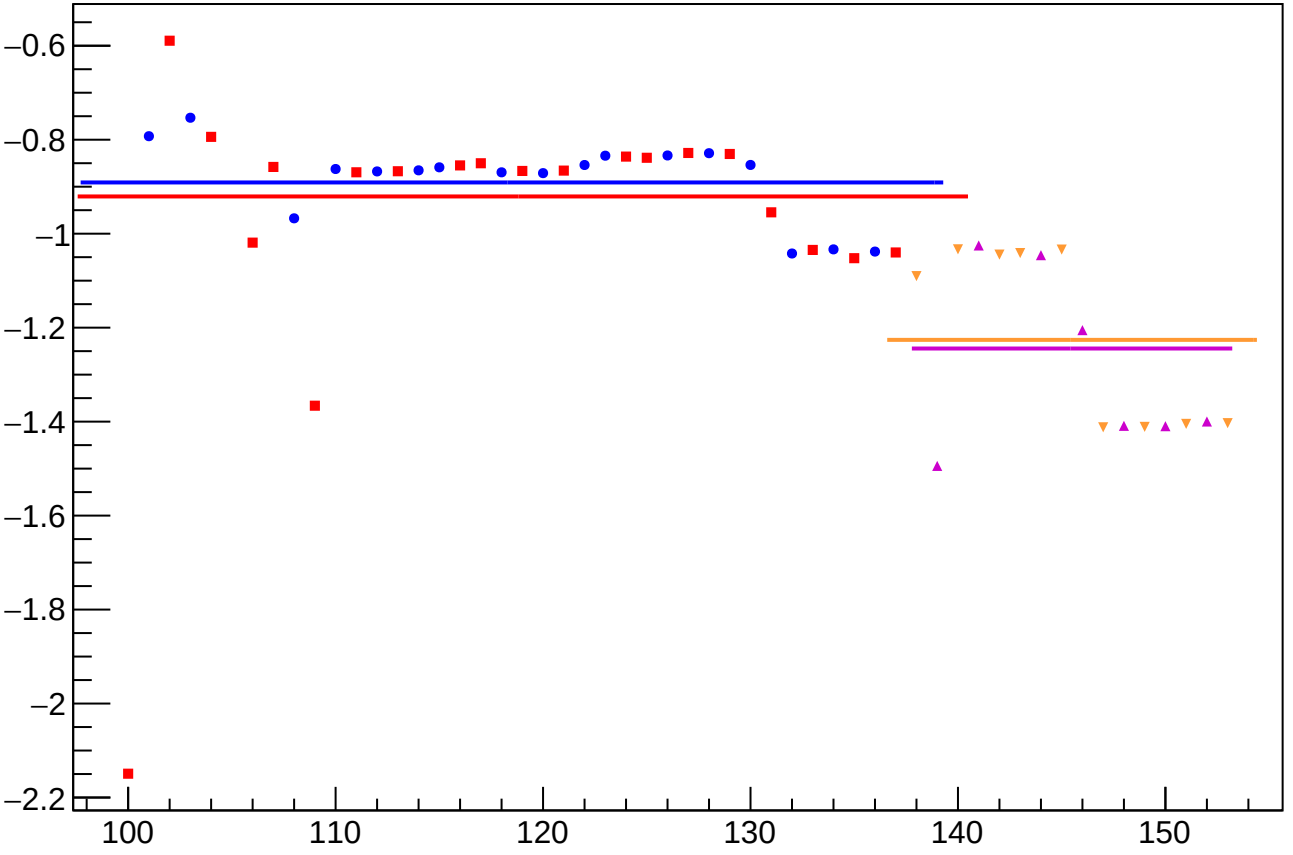
Right Out: 0.014+/-0.000 χ^2/NDF: 1576149.9/19

Left In: 0.010+/-0.000 χ^2/NDF:2447542.0/6

0.012+/-0.000 χ^2/NDF: 4424327.8/25

0.012+/-0.000 χ^2/NDF: 4532430.8/26

yield_bpm12X_mean vs Slug



Right In: -0.891+/-0.000 χ^2/NDF: 39578323.2/16

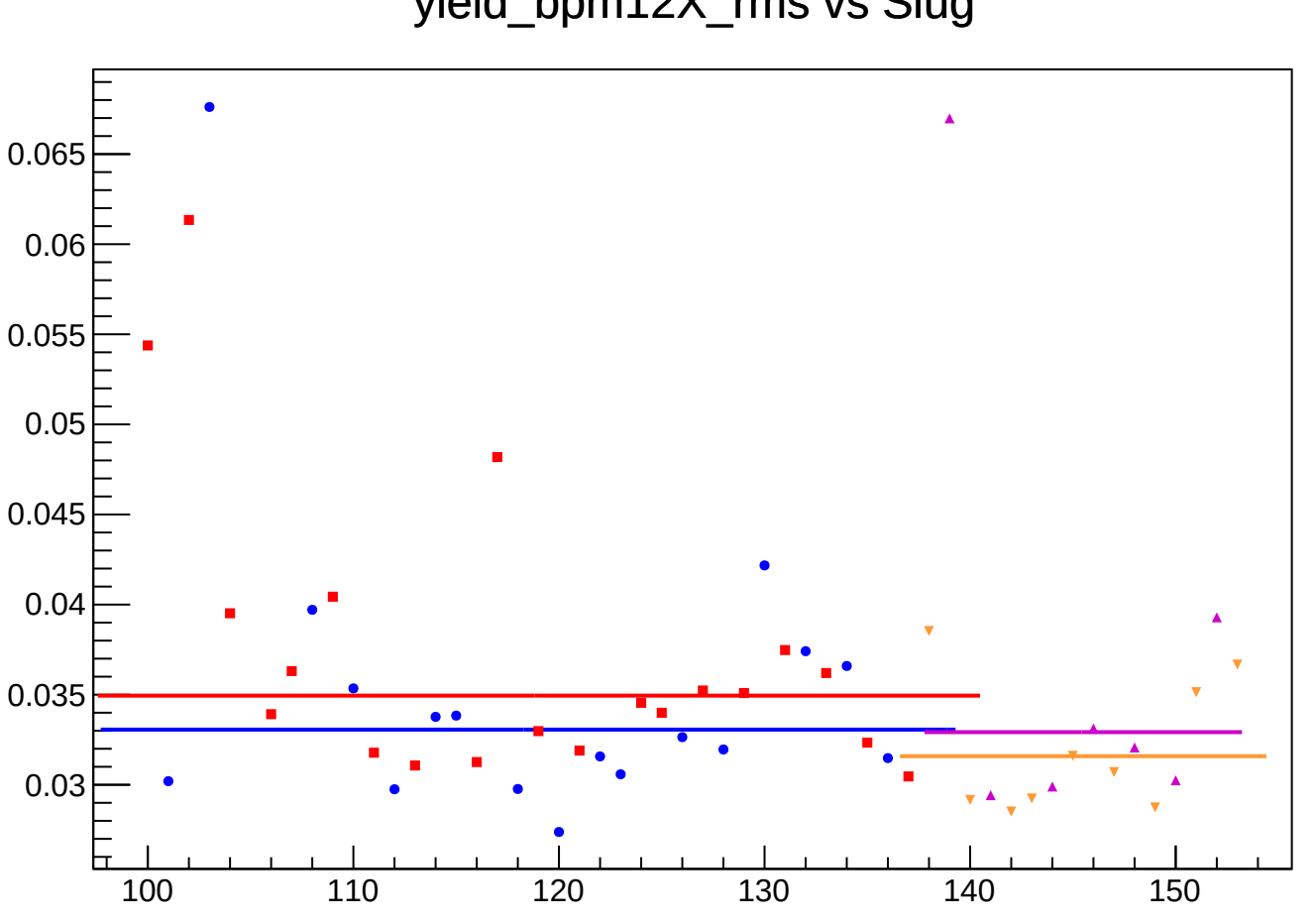
Left Out: -1.226+/-0.000 χ^2/NDF:185757060.8/8

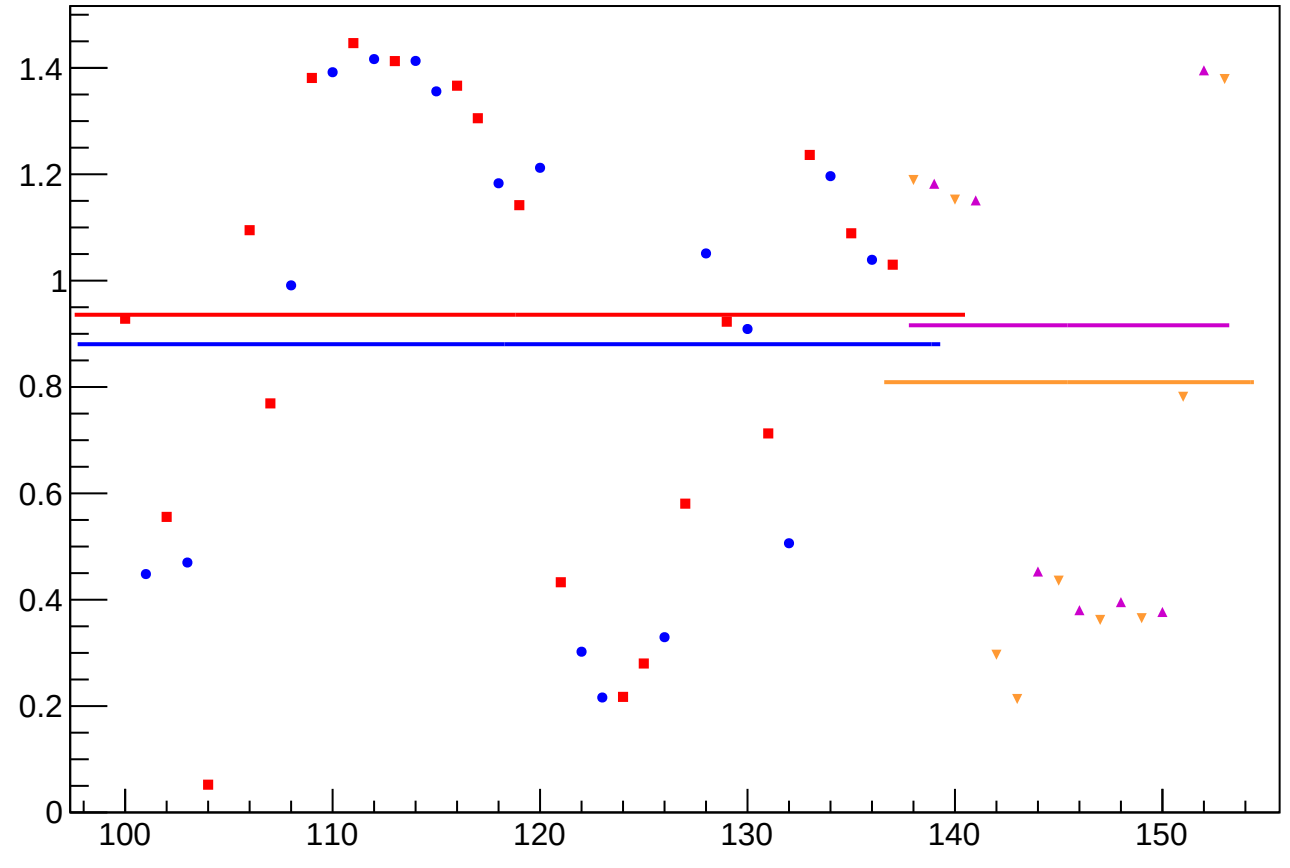
Right Out: -0.921+/-0.000 χ^2/NDF: 131271770.4/19

Left In: -1.244+/-0.000 χ^2/NDF:136812524.3/6

-1.062+/-0.000 χ^2/NDF: 532829762.9/25

-1.073+/-0.000 χ^2/NDF: 518641175.0/26


yield_bpm12X_rms vs Slug
0.065
0.06
0.055
0.05
0.045
0.04
0.035
0.03
100
110
120
130
140
150
Right In: 0.033+/-0.000 χ²/NDF: 409286.7/16
Left Out: 0.032+/-0.000 χ²/NDF:120718.9/8
Right Out: 0.035+/-0.000 χ²/NDF: 280500.4/19
Left In: 0.033+/-0.000 χ²/NDF:428543.2/6
0.032+/-0.000 χ²/NDF: 541948.1/25
0.034+/-0.000 χ²/NDF: 728691.0/26



Right In: 0.880+/-0.000 χ^2/NDF: 6400108121.4/16

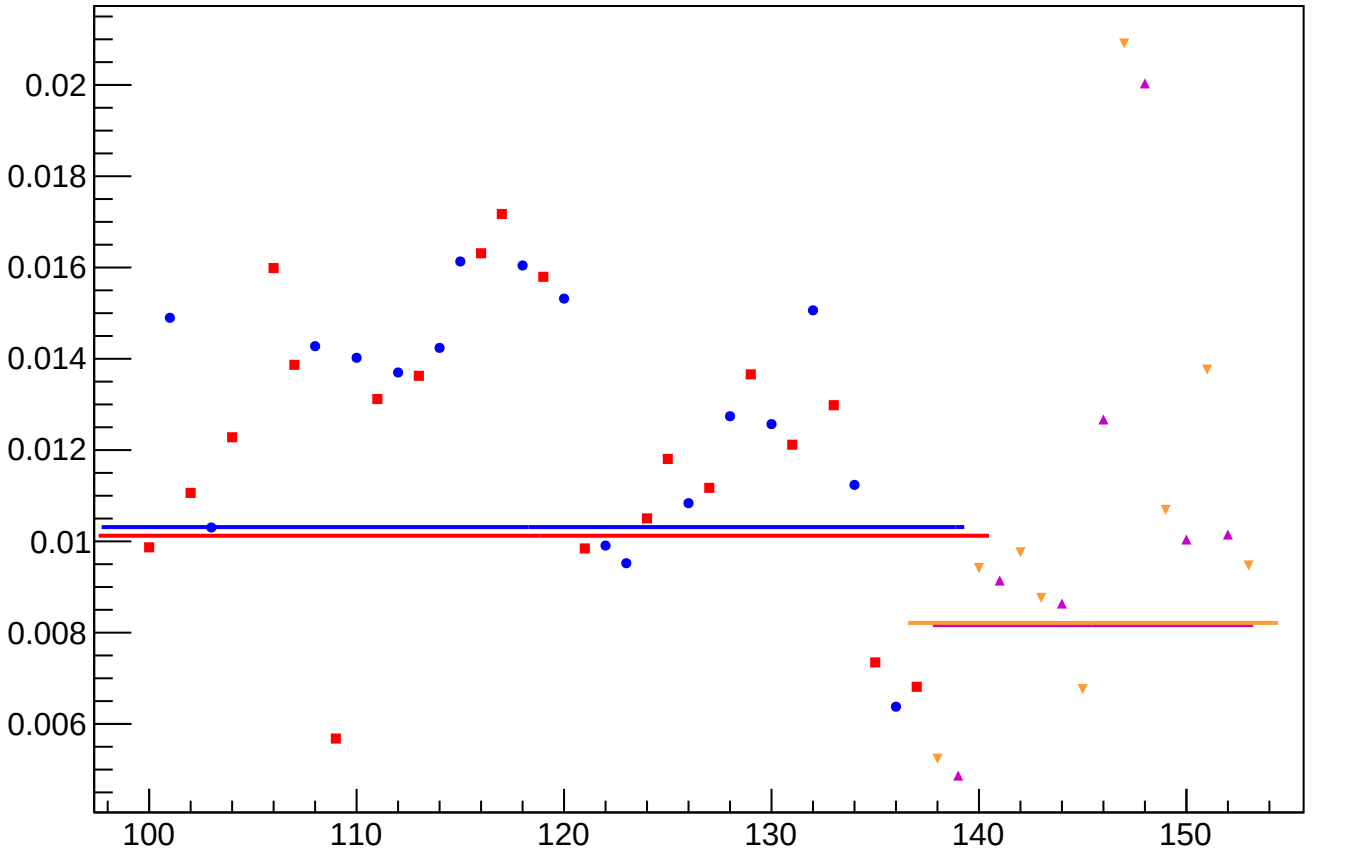
Left Out: 0.809+/-0.000 χ^2/NDF:15070480738.5/8

Right Out: 0.936+/-0.000 χ^2/NDF: 9851303698.9/19

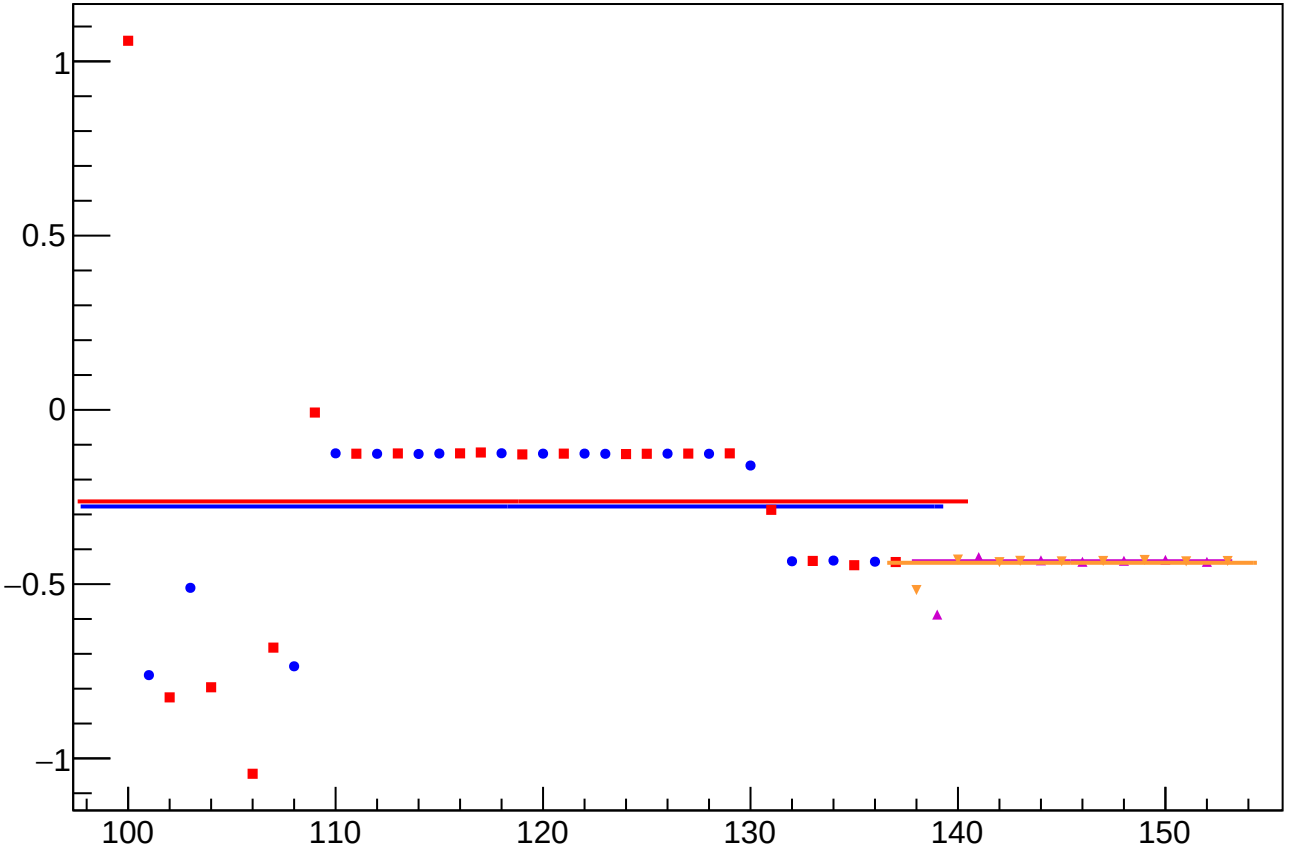
Left In: 0.916+/-0.000 χ^2/NDF:10828708506.4/6

0.837+/-0.000 χ^2/NDF: 21633180266.2/25

0.925+/-0.000 χ^2/NDF: 20692363526.1/26


yield_bpm12Y_rms vs Slug
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
100
110
120
130
140
150
Right In: 0.010+/-0.000 χ²/NDF: 1231066.2/16
Left Out: 0.008+/-0.000 χ²/NDF:1433054.0/8
Right Out: 0.010+/-0.000 χ²/NDF: 1191429.9/19
Left In: 0.008+/-0.000 χ²/NDF:1439211.5/6
0.009+/-0.000 χ²/NDF: 2945382.2/25
0.009+/-0.000 χ²/NDF: 2871864.0/26

yield_bpm16X_mean vs Slug



Right In: -0.277+/-0.000 χ^2/NDF: 940562986.7/16

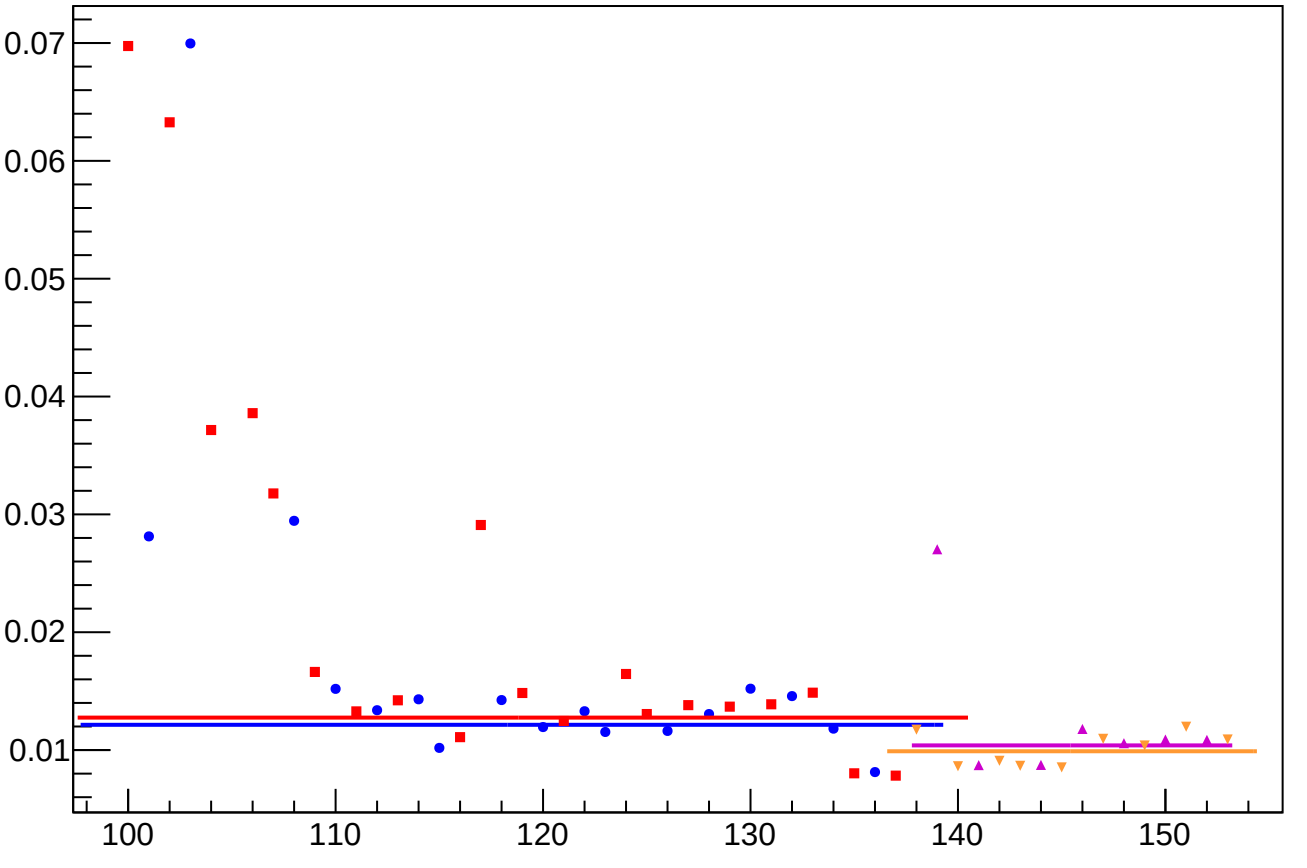
Left Out: -0.439+/-0.000 χ^2/NDF:23985677.5/8

Right Out: -0.263+/-0.000 χ^2/NDF: 1009303829.9/19

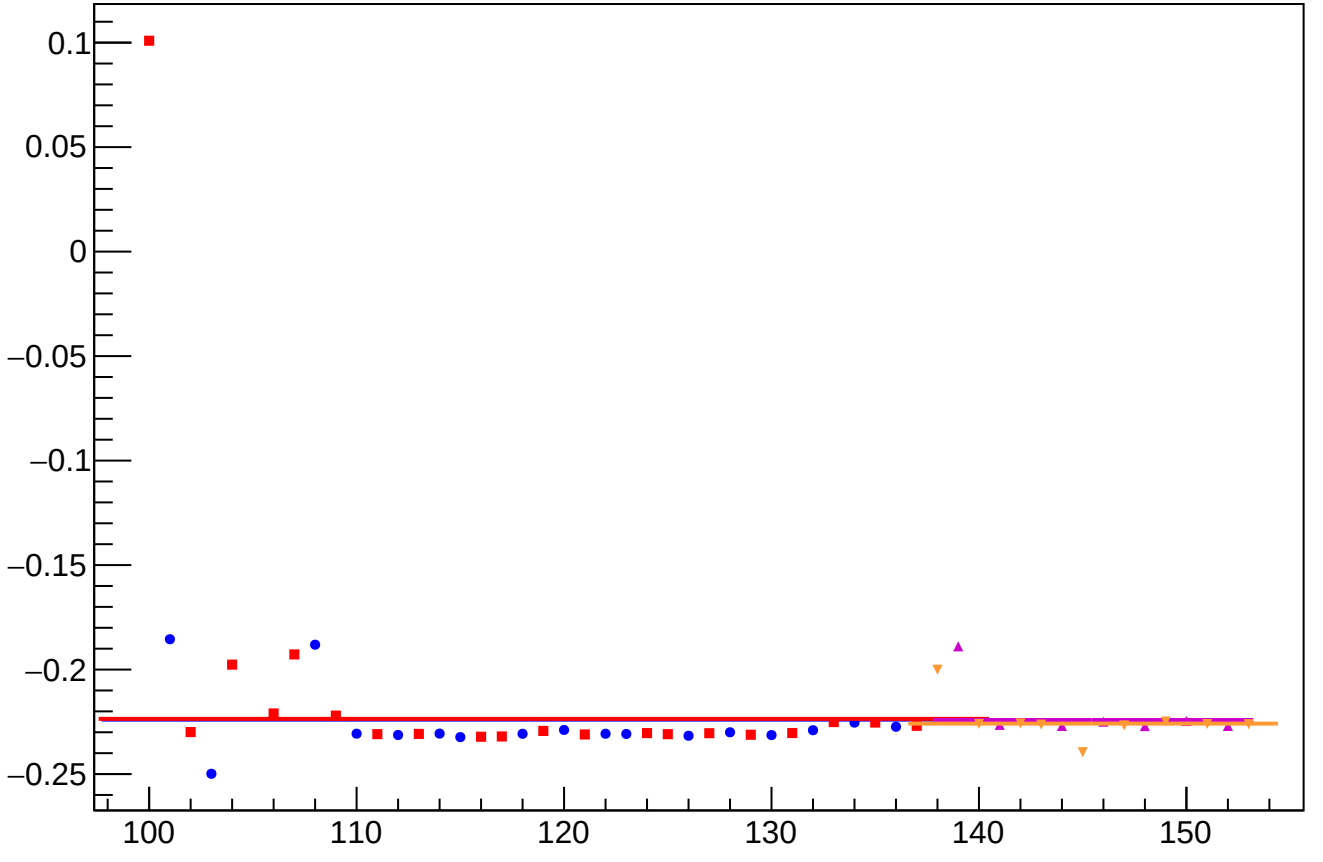
Left In: -0.434+/-0.000 χ^2/NDF:22678819.8/6

-0.378+/-0.000 χ^2/NDF: 1485753874.1/25

-0.362+/-0.000 χ^2/NDF: 1543142016.5/26


yield_bpm16X_rms vs Slug
0.07
0.06
0.05
0.04
0.03
0.02
0.01
100
110
120
130
140
150
Right In: 0.012+/-0.000 χ²/NDF: 1727494.7/16
Left Out: 0.010+/-0.000 χ²/NDF:174907.3/8
Right Out: 0.013+/-0.000 χ²/NDF: 1993726.2/19
Left In: 0.010+/-0.000 χ²/NDF:623523.2/6
0.011+/-0.000 χ²/NDF: 2103638.7/25
0.011+/-0.000 χ²/NDF: 2810318.3/26

yield_bpm16Y_mean vs Slug



Right In: -0.224+/-0.000 χ^2/NDF: 74704721.6/16

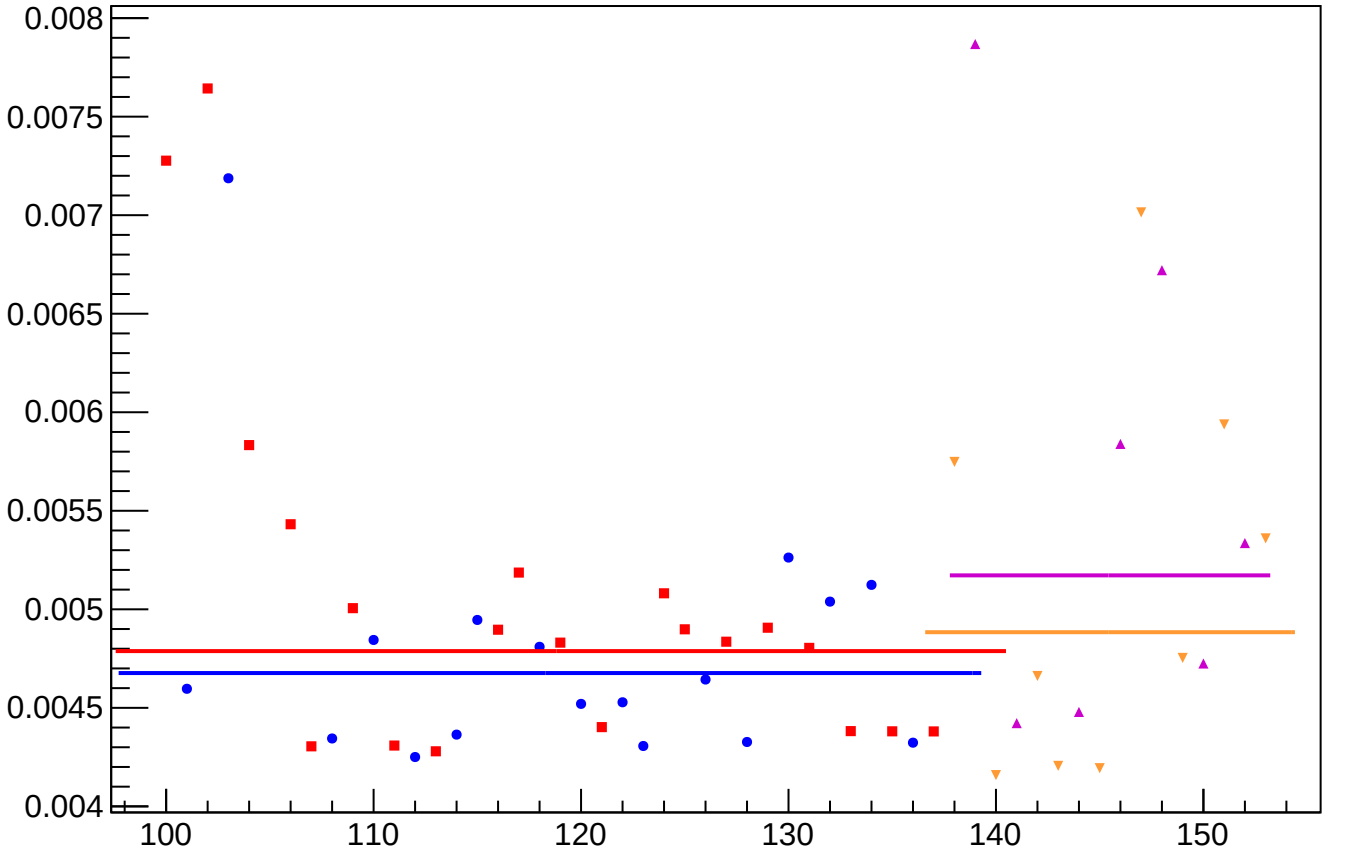
Left Out: -0.226+/-0.000 χ^2/NDF:20515778.9/8

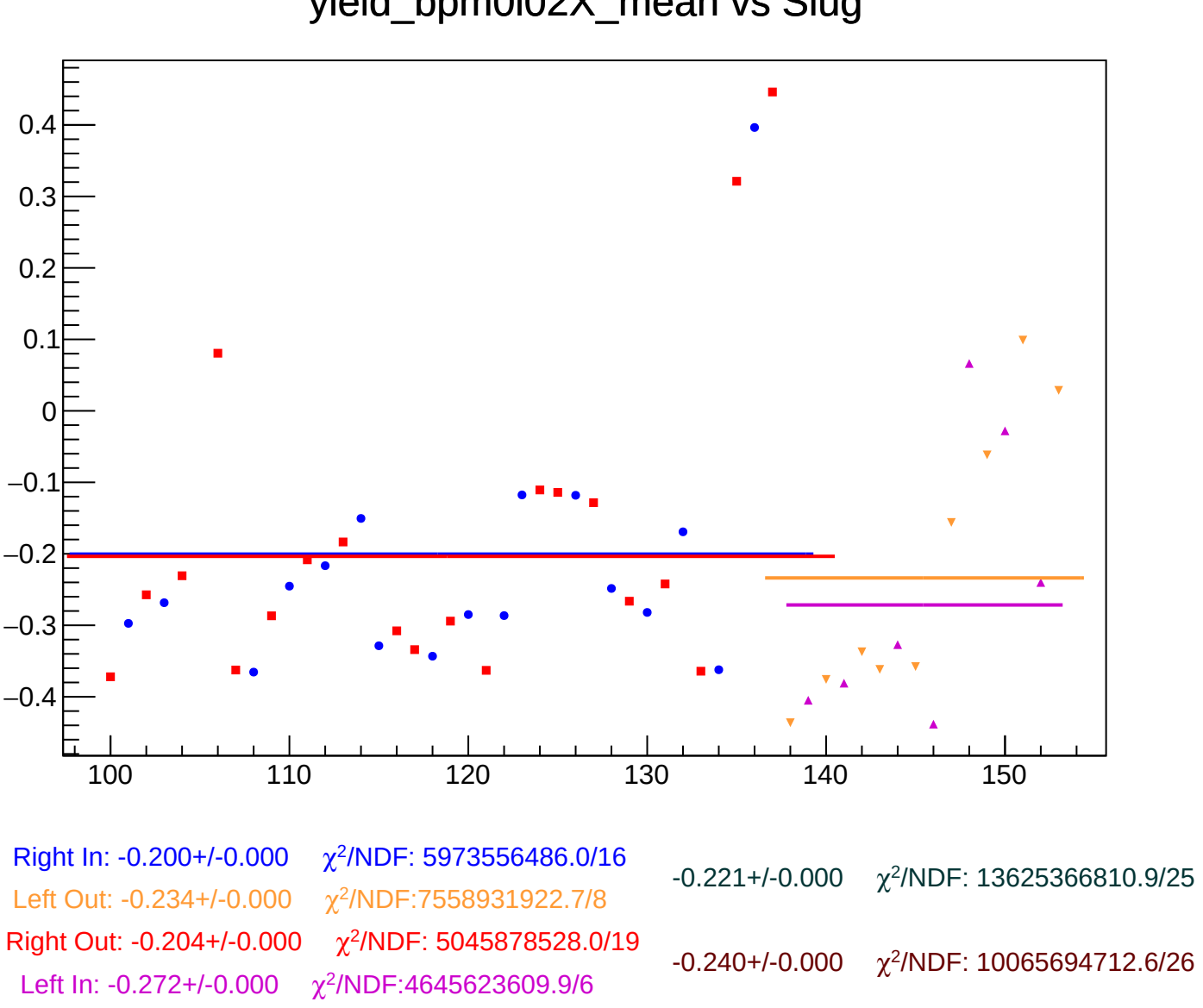
Right Out: -0.224+/-0.000 χ^2/NDF: 168231258.4/19

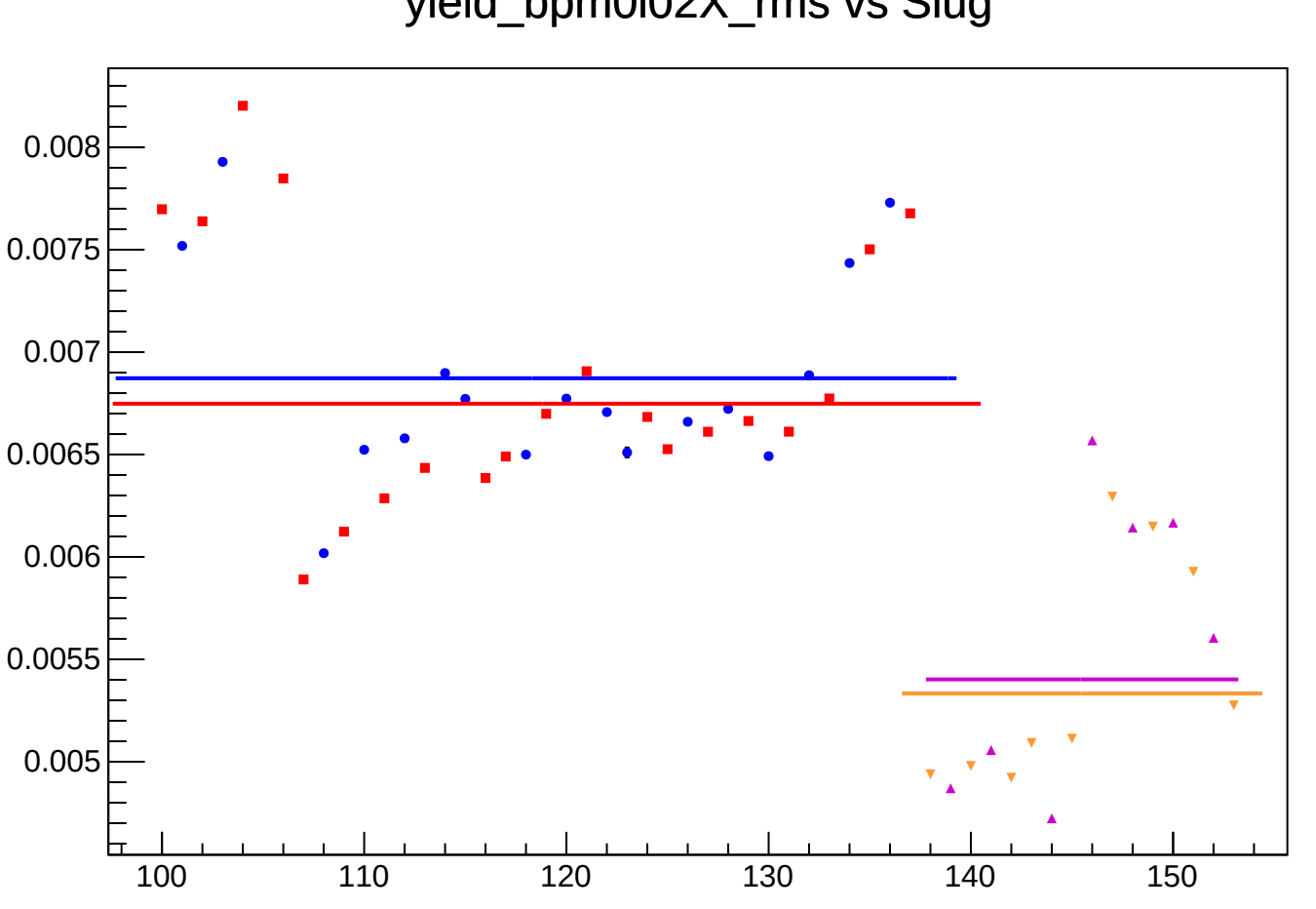
Left In: -0.224+/-0.000 χ^2/NDF:13810567.1/6

-0.225+/-0.000 χ^2/NDF: 95698367.6/25

-0.224+/-0.000 χ^2/NDF: 182074895.0/26


yield_bpm16Y_rms vs Slug
0.008
0.0075
0.007
0.0065
0.006
0.0055
0.005
0.0045
0.004
100
110
120
130
140
150
Right In: 0.005+/-0.000 χ²/NDF: 181335.1/16
Left Out: 0.005+/-0.000 χ²/NDF:345009.6/8
Right Out: 0.005+/-0.000 χ²/NDF: 248668.3/19
Left In: 0.005+/-0.000 χ²/NDF:349223.5/6
0.005+/-0.000 χ²/NDF: 537593.1/25
0.005+/-0.000 χ²/NDF: 631598.6/26


yield_bpm0i02X_mean vs Slug
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
100
110
120
130
140
150
Right In: -0.200+/-0.000 χ²/NDF: 5973556486.0/16
Left Out: -0.234+/-0.000 χ²/NDF:7558931922.7/8
Right Out: -0.204+/-0.000 χ²/NDF: 5045878528.0/19
Left In: -0.272+/-0.000 χ²/NDF:4645623609.9/6
-0.221+/-0.000 χ²/NDF: 13625366810.9/25
-0.240+/-0.000 χ²/NDF: 10065694712.6/26



Right In: 0.007+/-0.000 χ^2/NDF: 78611.6/16

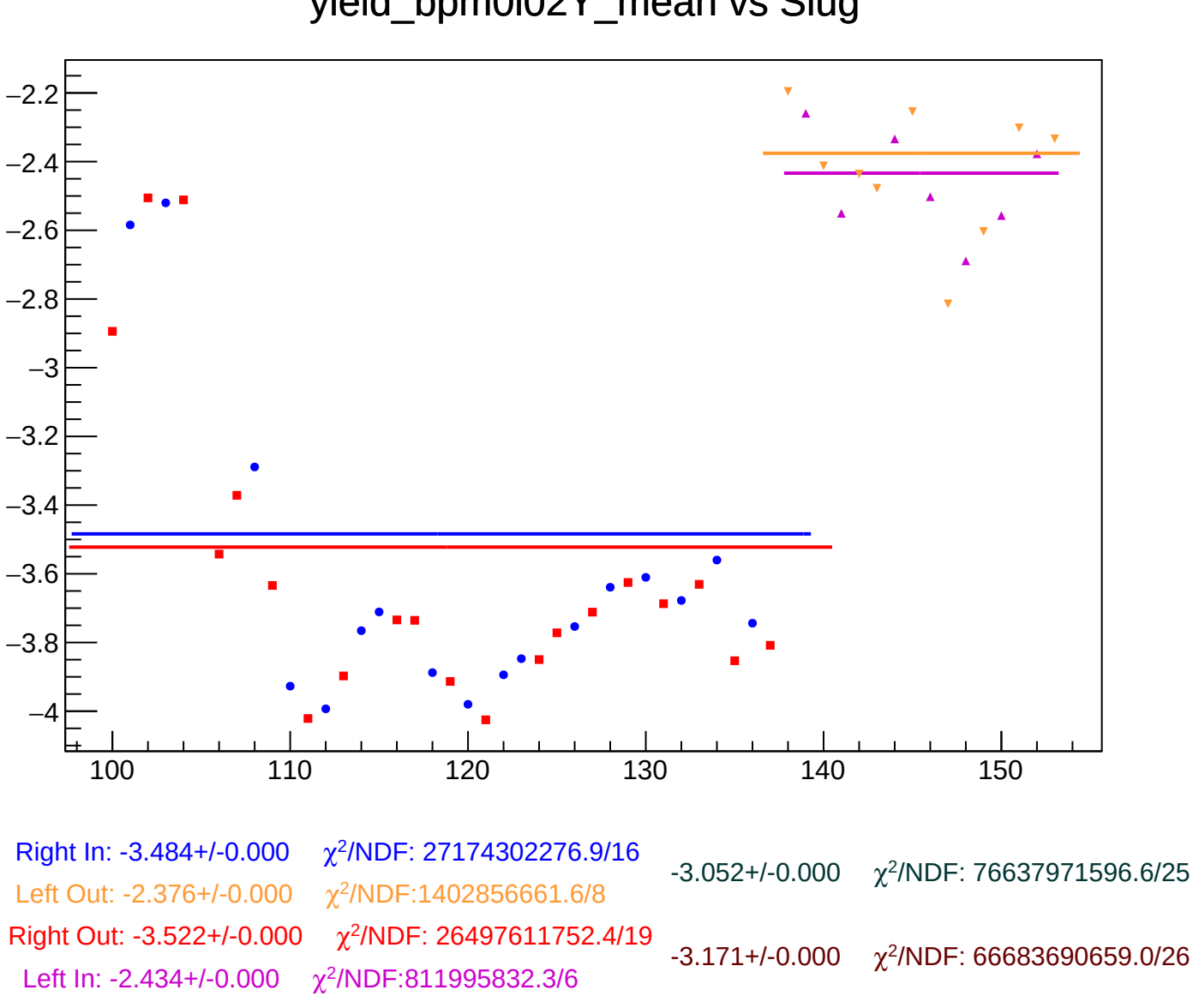
Left Out: 0.005+/-0.000 χ^2/NDF:97316.3/8

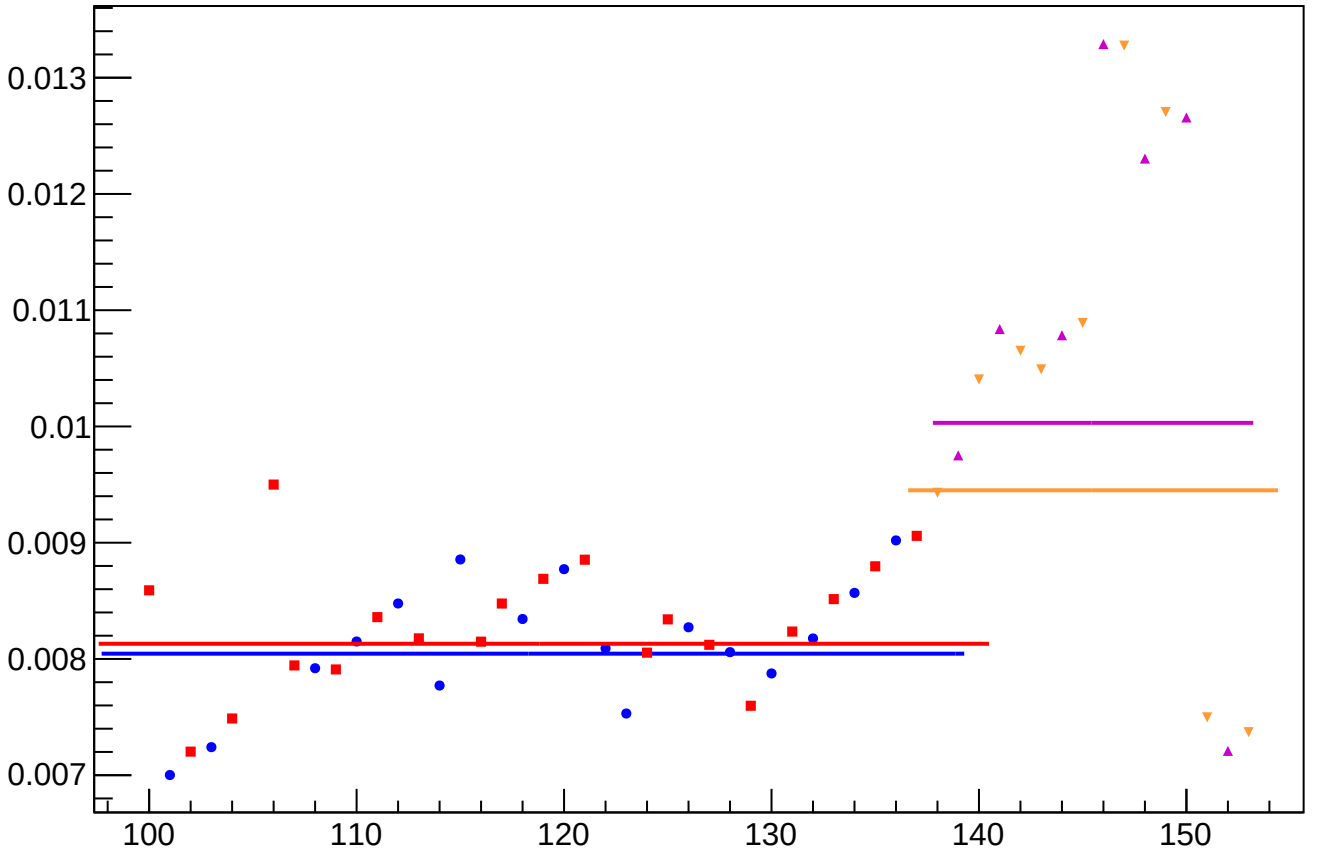
Right Out: 0.007+/-0.000 χ^2/NDF: 105262.1/19

Left In: 0.005+/-0.000 χ^2/NDF:141443.9/6

0.006+/-0.000 χ^2/NDF: 572347.1/25

0.006+/-0.000 χ^2/NDF: 539995.6/26


yield_bpm0i02Y_mean vs Slug
−2.2
−2.4
−2.6
−2.8
−3
−3.2
−3.4
−3.6
−3.8
−4
100
110
120
130
140
150
Right In: -3.484+/-0.000 χ²/NDF: 27174302276.9/16
Left Out: -2.376+/-0.000 χ²/NDF:1402856661.6/8
Right Out: -3.522+/-0.000 χ²/NDF: 26497611752.4/19
Left In: -2.434+/-0.000 χ²/NDF:811995832.3/6
-3.052+/-0.000 χ²/NDF: 76637971596.6/25
-3.171+/-0.000 χ²/NDF: 66683690659.0/26



Right In: 0.008+/-0.000 χ^2/NDF: 71989.8/16

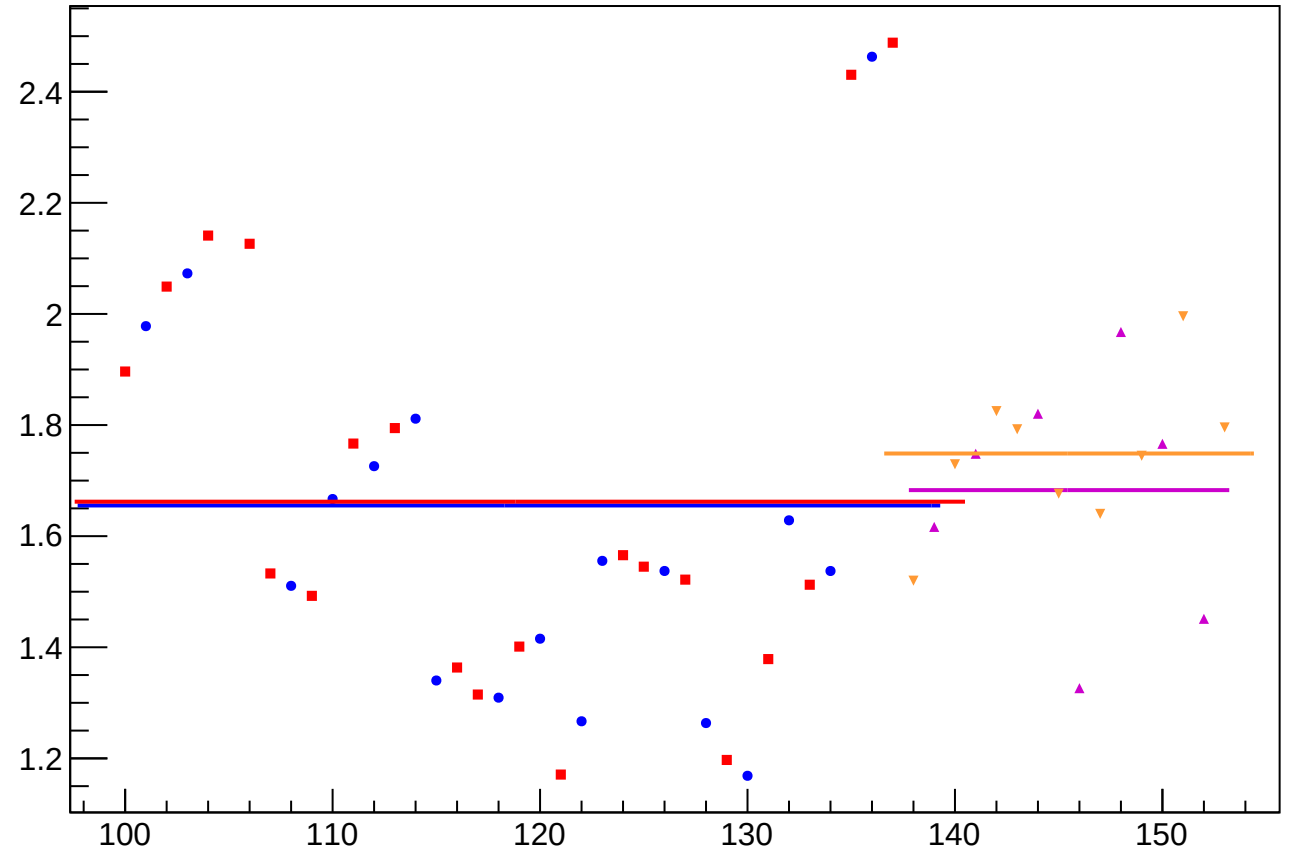
Left Out: 0.009+/-0.000 χ^2/NDF:461828.6/8

Right Out: 0.008+/-0.000 χ^2/NDF: 57613.2/19

Left In: 0.010+/-0.000 χ^2/NDF:443567.1/6

0.009+/-0.000 χ^2/NDF: 688417.1/25

0.009+/-0.000 χ^2/NDF: 741102.7/26



Right In: 1.655+/-0.000 χ^2/NDF: 6476474909.3/16

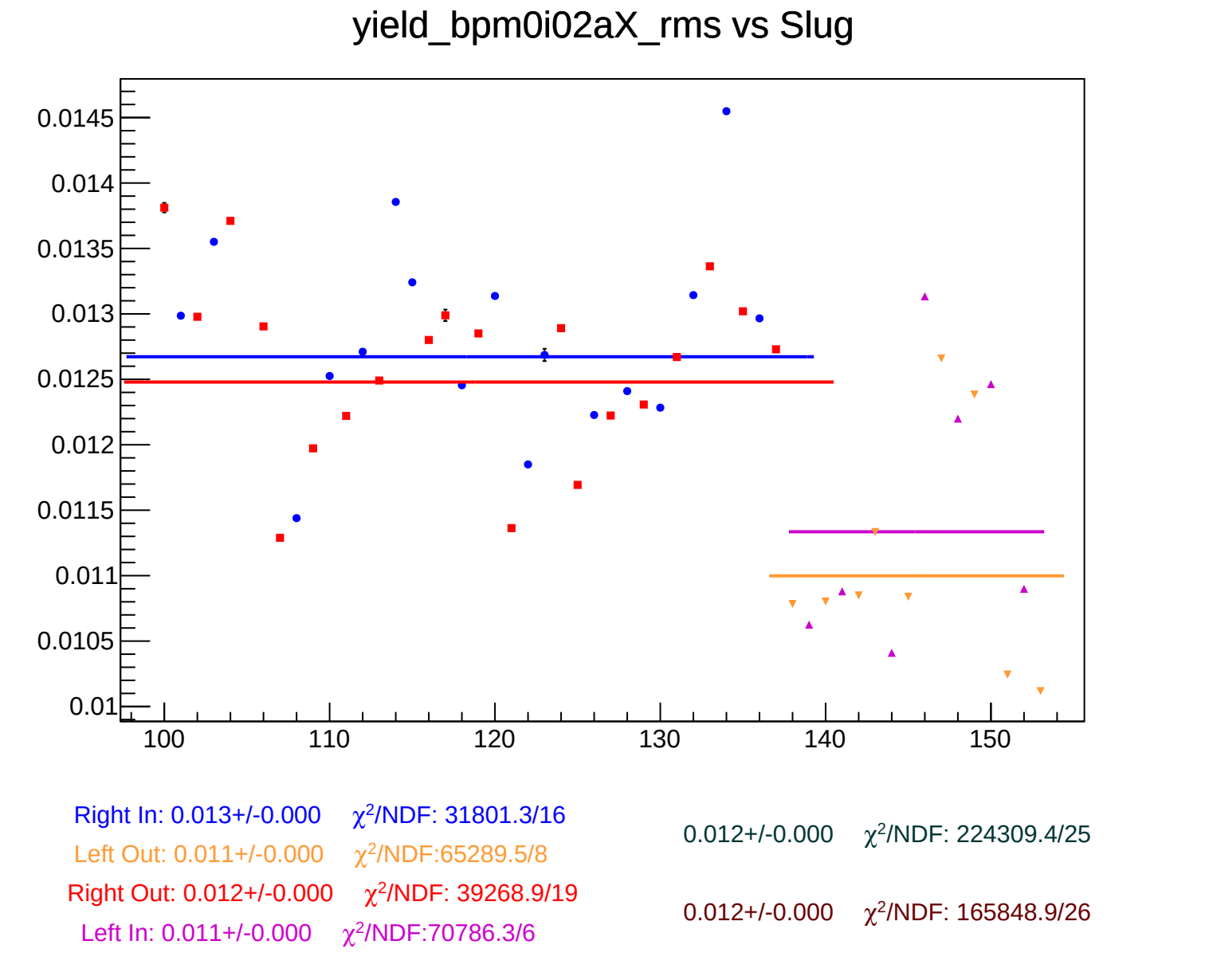
Left Out: 1.749+/-0.000 χ^2/NDF:858454712.3/8

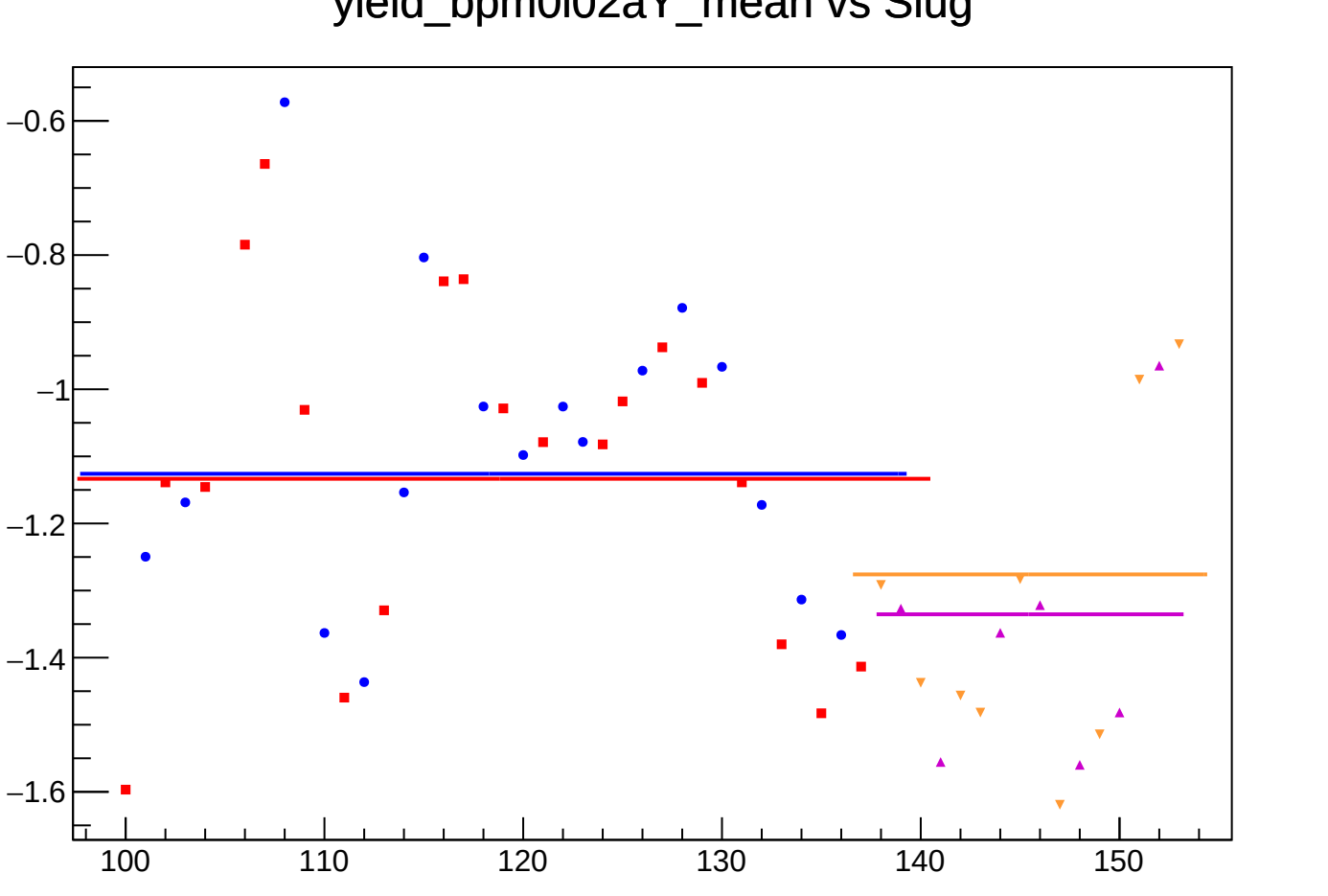
Right Out: 1.662+/-0.000 χ^2/NDF: 5975345573.0/19

Left In: 1.683+/-0.000 χ^2/NDF:1480642203.2/6

1.707+/-0.000 χ^2/NDF: 7533446730.2/25

1.672+/-0.000 χ^2/NDF: 7465215292.3/26


yield_bpm0i02aX_rms vs Slug
0.0145
0.014
0.0135
0.013
0.0125
0.012
0.0115
0.011
0.0105
0.01
100
110
120
130
140
150
Right In: 0.013+/-0.000 χ²/NDF: 31801.3/16
Left Out: 0.011+/-0.000 χ²/NDF:65289.5/8
Right Out: 0.012+/-0.000 χ²/NDF: 39268.9/19
Left In: 0.011+/-0.000 χ²/NDF:70786.3/6
0.012+/-0.000 χ²/NDF: 224309.4/25
0.012+/-0.000 χ²/NDF: 165848.9/26



Right In: -1.126+/-0.000 χ^2/NDF: 3574776639.2/16

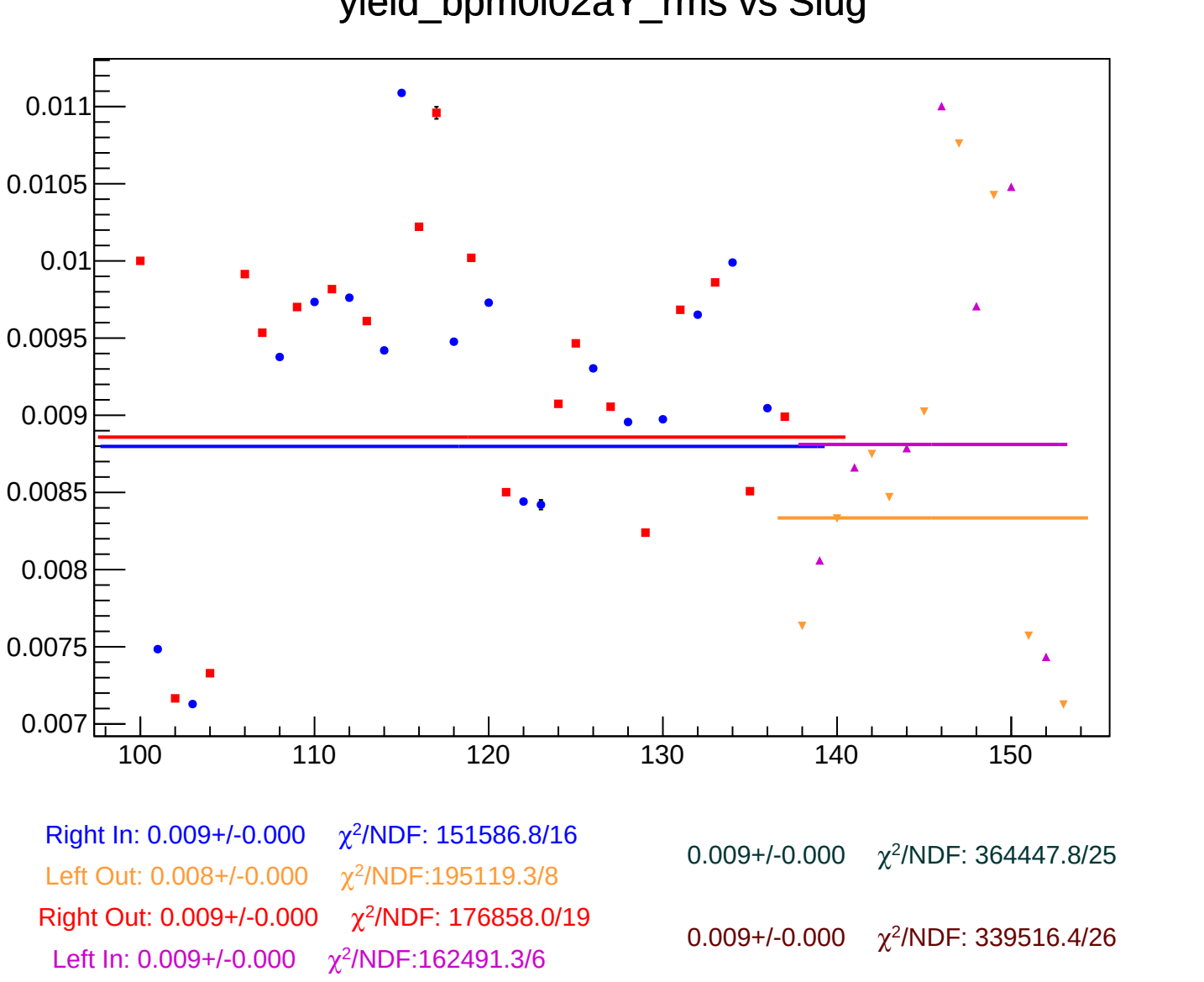
Left Out: -1.276+/-0.000 χ^2/NDF:4500698314.8/8

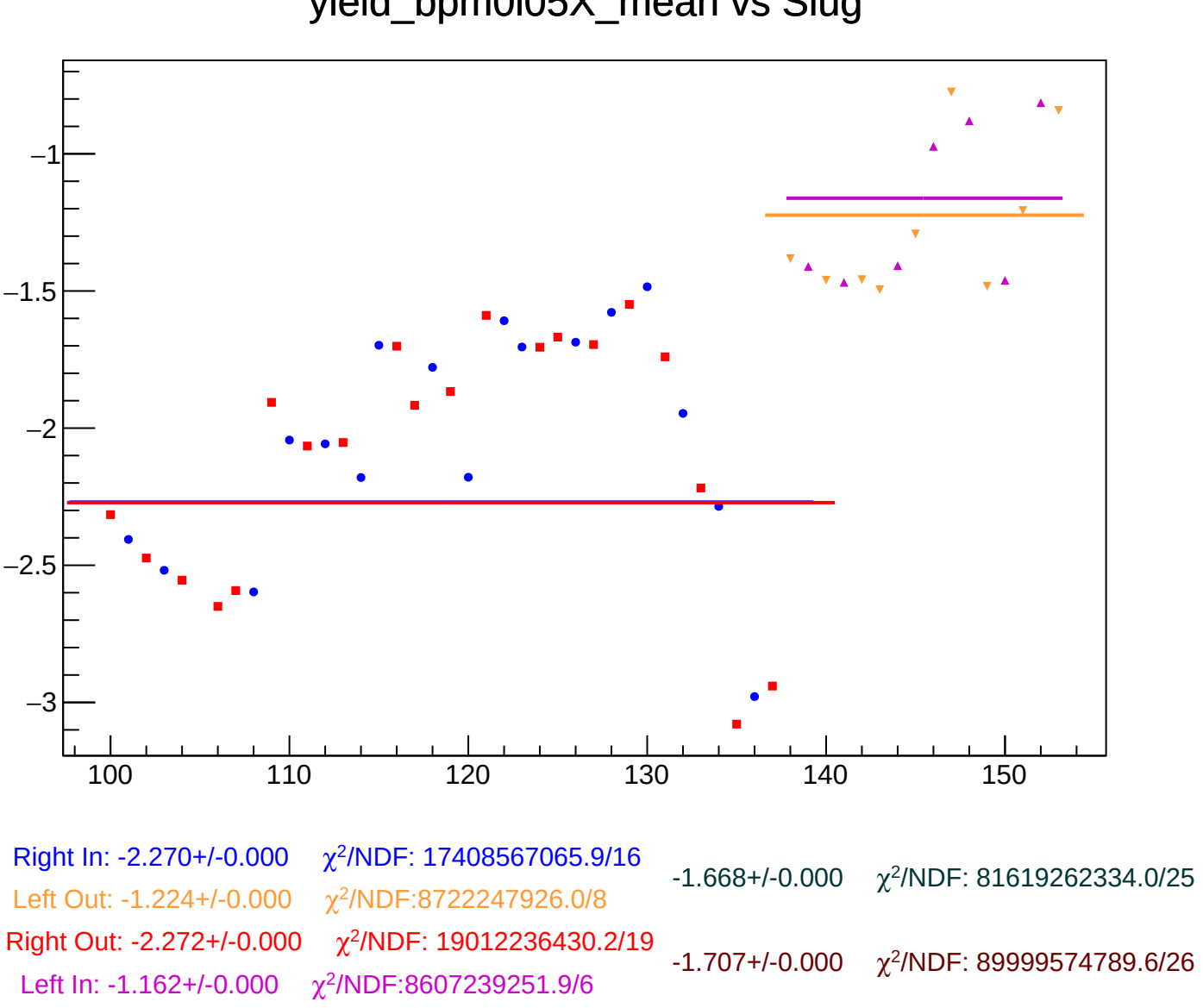
Right Out: -1.133+/-0.000 χ^2/NDF: 3706528266.7/19

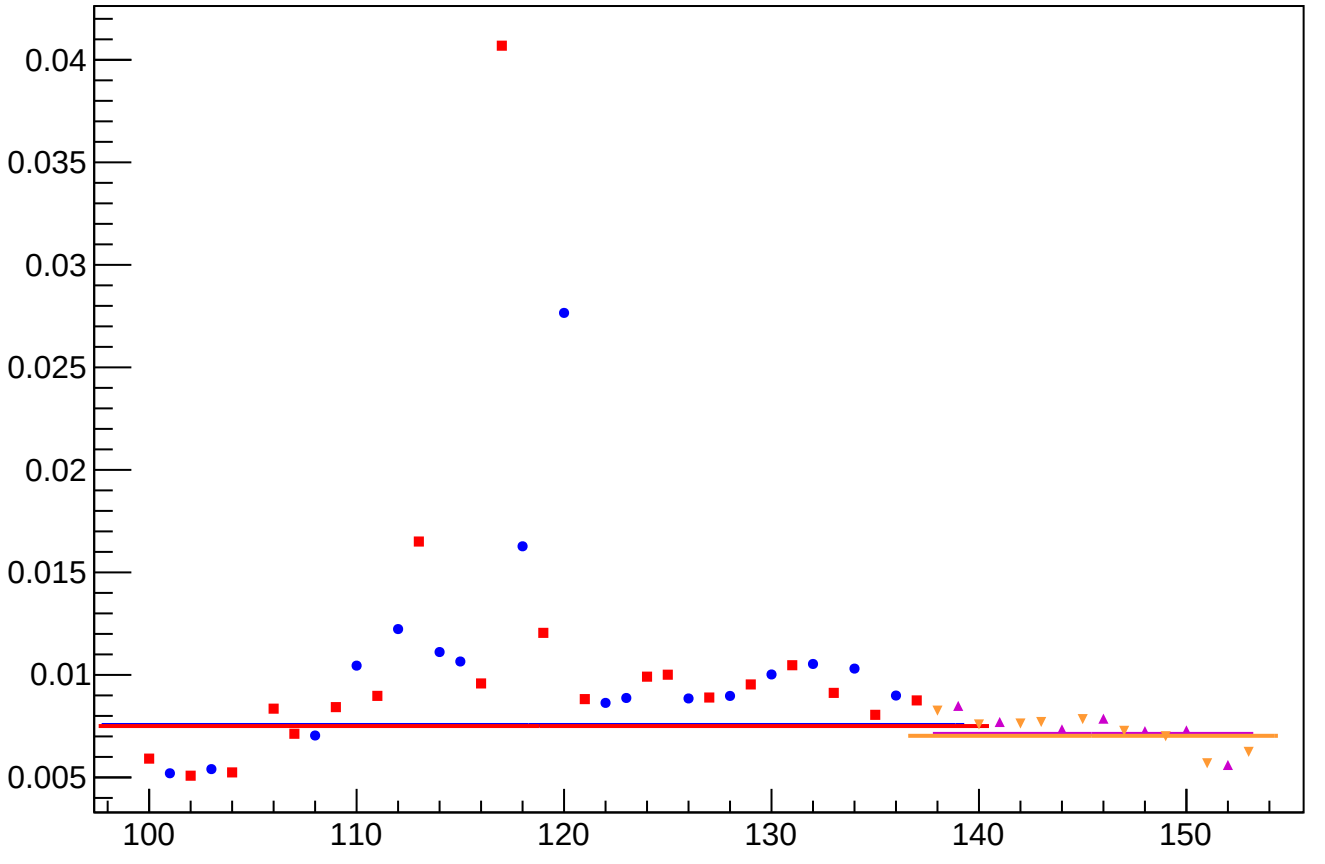
Left In: -1.335+/-0.000 χ^2/NDF:2965290475.1/6

-1.201+/-0.000 χ^2/NDF: 9004968749.1/25

-1.221+/-0.000 χ^2/NDF: 8170200312.8/26


yield_bpm0i02aY_rms vs Slug
0.011
0.0105
0.01
0.0095
0.009
0.0085
0.008
0.0075
0.007
100
110
120
130
140
150
Right In: 0.009+/-0.000 χ²/NDF: 151586.8/16
Left Out: 0.008+/-0.000 χ²/NDF:195119.3/8
Right Out: 0.009+/-0.000 χ²/NDF: 176858.0/19
Left In: 0.009+/-0.000 χ²/NDF:162491.3/6
0.009+/-0.000 χ²/NDF: 364447.8/25
0.009+/-0.000 χ²/NDF: 339516.4/26


yield_bpm0i05X_mean vs Slug
−1
−1.5
−2
−2.5
−3
100
110
120
130
140
150
Right In: -2.270+/-0.000 χ²/NDF: 17408567065.9/16
Left Out: -1.224+/-0.000 χ²/NDF:8722247926.0/8
Right Out: -2.272+/-0.000 χ²/NDF: 19012236430.2/19
Left In: -1.162+/-0.000 χ²/NDF:8607239251.9/6
-1.668+/-0.000 χ²/NDF: 81619262334.0/25
-1.707+/-0.000 χ²/NDF: 89999574789.6/26



Right In: 0.008+/-0.000 χ^2/NDF: 1221004.0/16

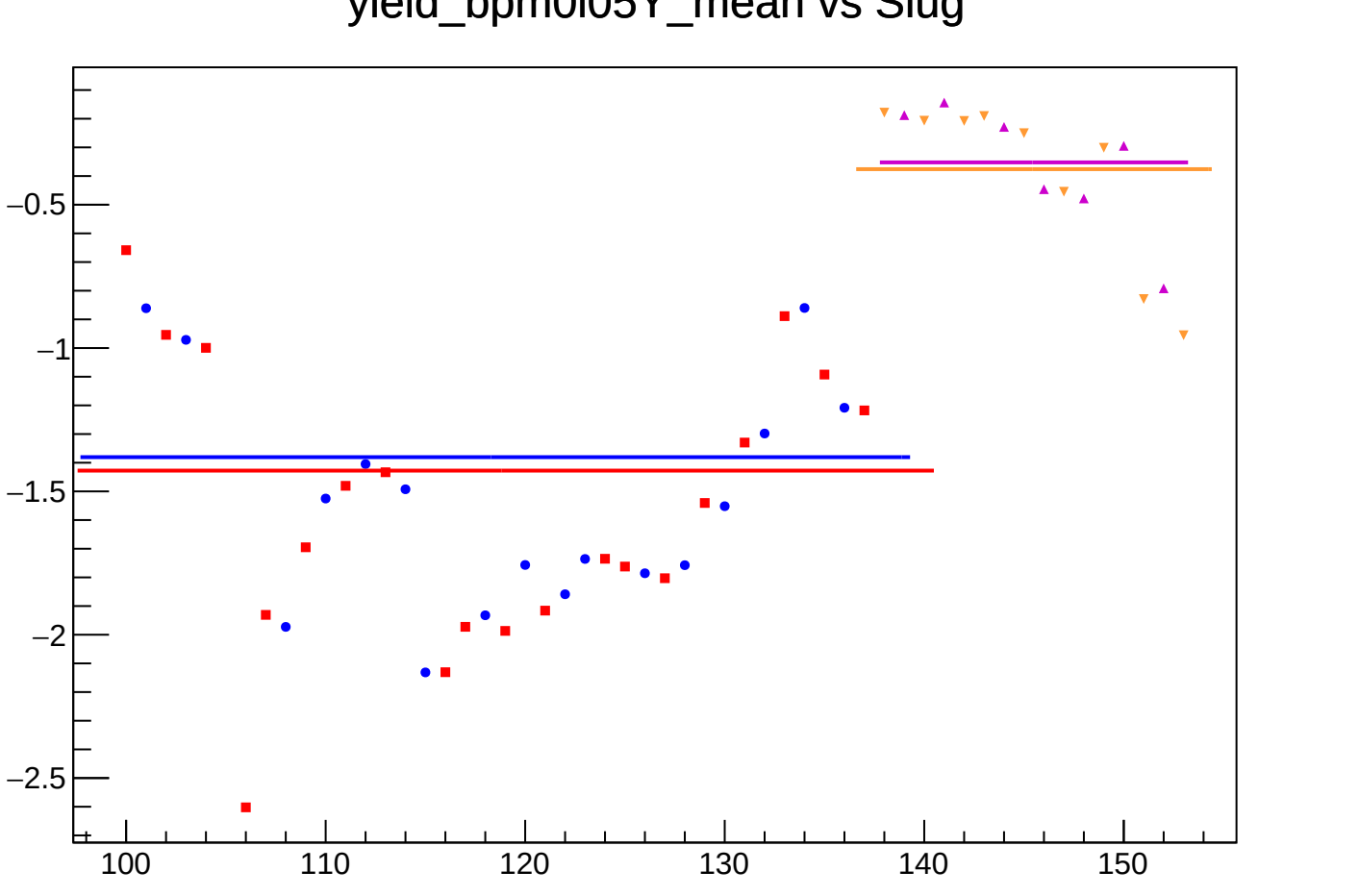
Left Out: 0.007+/-0.000 χ^2/NDF:164082.8/8

Right Out: 0.008+/-0.000 χ^2/NDF: 984811.6/19

Left In: 0.007+/-0.000 χ^2/NDF:169344.9/6

0.007+/-0.000 χ^2/NDF: 1413378.3/25

0.007+/-0.000 χ^2/NDF: 1169067.9/26



Right In: -1.381+/-0.000 χ^2/NDF: 20001018652.5/16

Left Out: -0.376+/-0.000 χ^2/NDF:24031150975.0/8

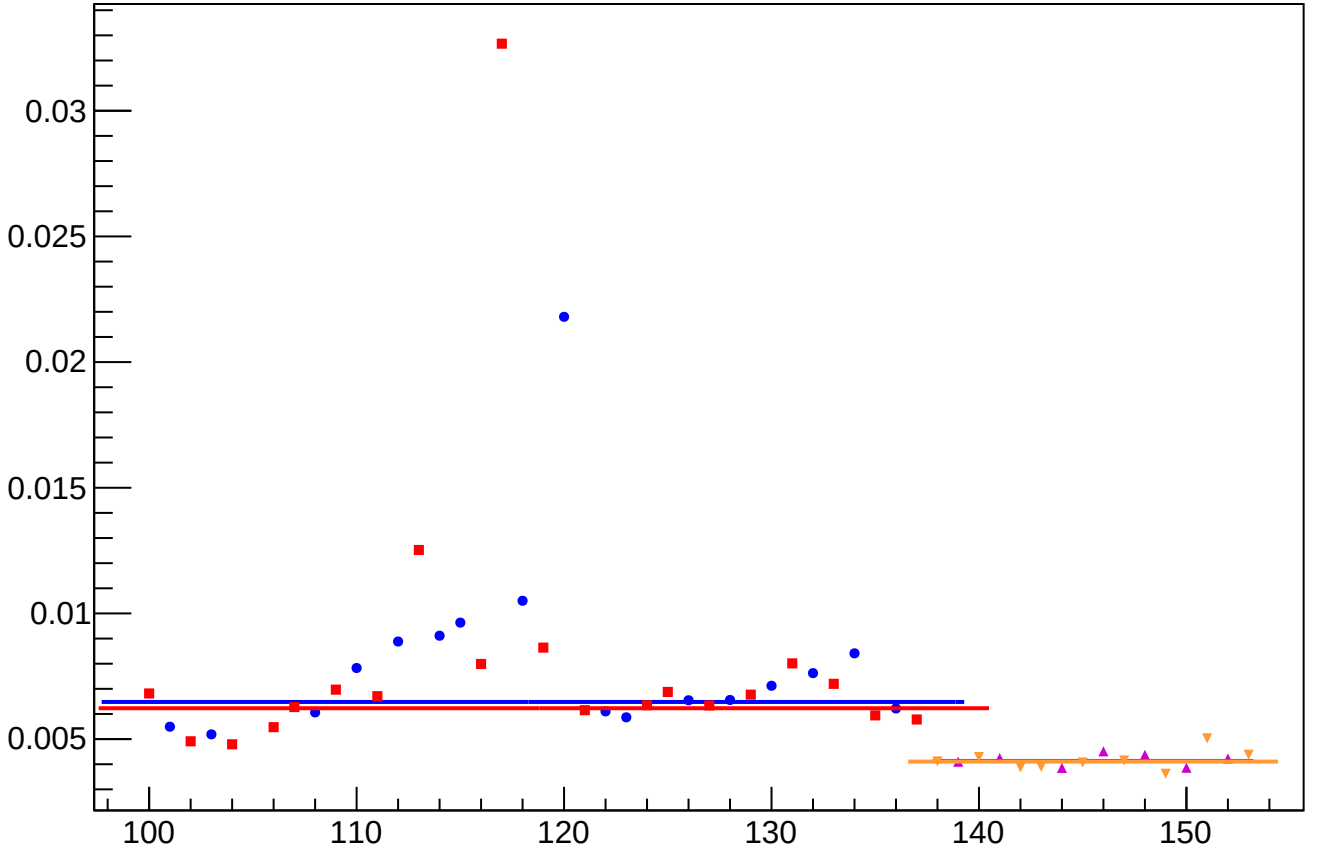
Right Out: -1.428+/-0.000 χ^2/NDF: 29626603581.6/19

Left In: -0.352+/-0.000 χ^2/NDF:12602891181.6/6

-0.653+/-0.000 χ^2/NDF: 138936221182.9/25

-0.718+/-0.000 χ^2/NDF: 158205010221.7/26

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 572678.4/16

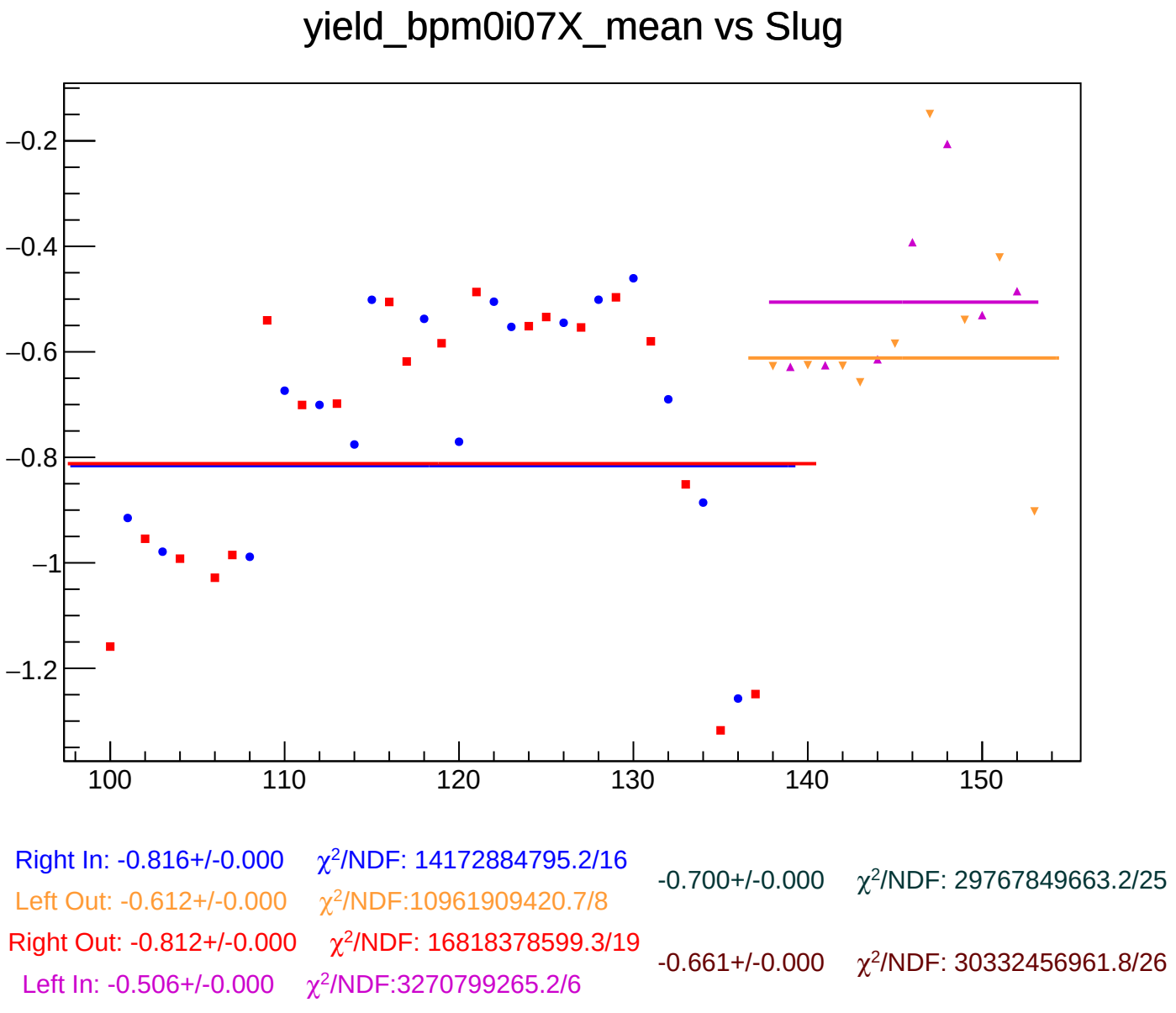
Left Out: 0.004+/-0.000 χ^2/NDF:78960.5/8

Right Out: 0.006+/-0.000 χ^2/NDF: 472534.6/19

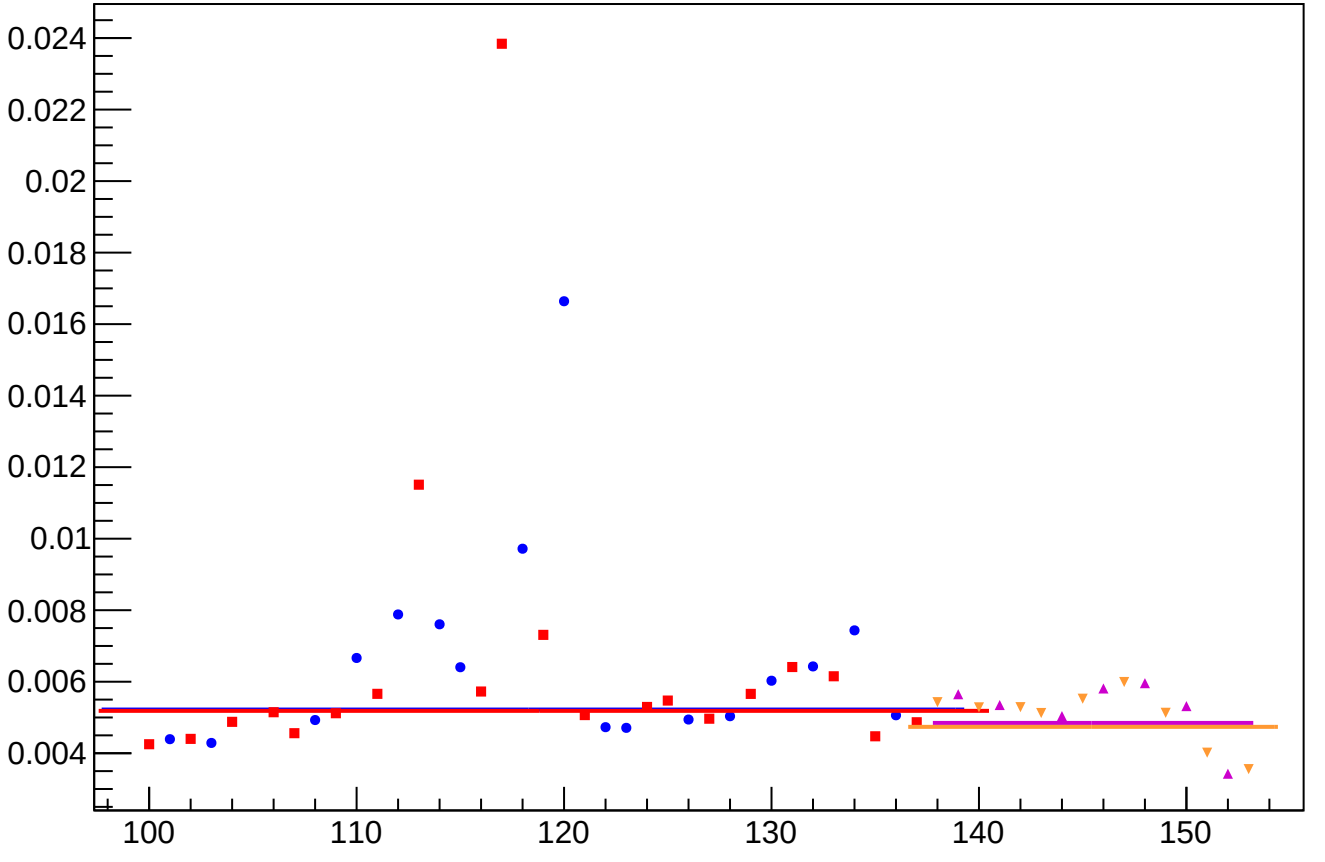
Left In: 0.004+/-0.000 χ^2/NDF:31229.7/6

0.005+/-0.000 χ^2/NDF: 1710428.9/25

0.005+/-0.000 χ^2/NDF: 1386755.9/26


yield_bpm0i07X_mean vs Slug
−0.2
−0.4
−0.6
−0.8
−1
−1.2
100
110
120
130
140
150
Right In: -0.816+/-0.000 χ²/NDF: 14172884795.2/16
Left Out: -0.612+/-0.000 χ²/NDF:10961909420.7/8
Right Out: -0.812+/-0.000 χ²/NDF: 16818378599.3/19
Left In: -0.506+/-0.000 χ²/NDF:3270799265.2/6
-0.700+/-0.000 χ²/NDF: 29767849663.2/25
-0.661+/-0.000 χ²/NDF: 30332456961.8/26

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 664386.8/16

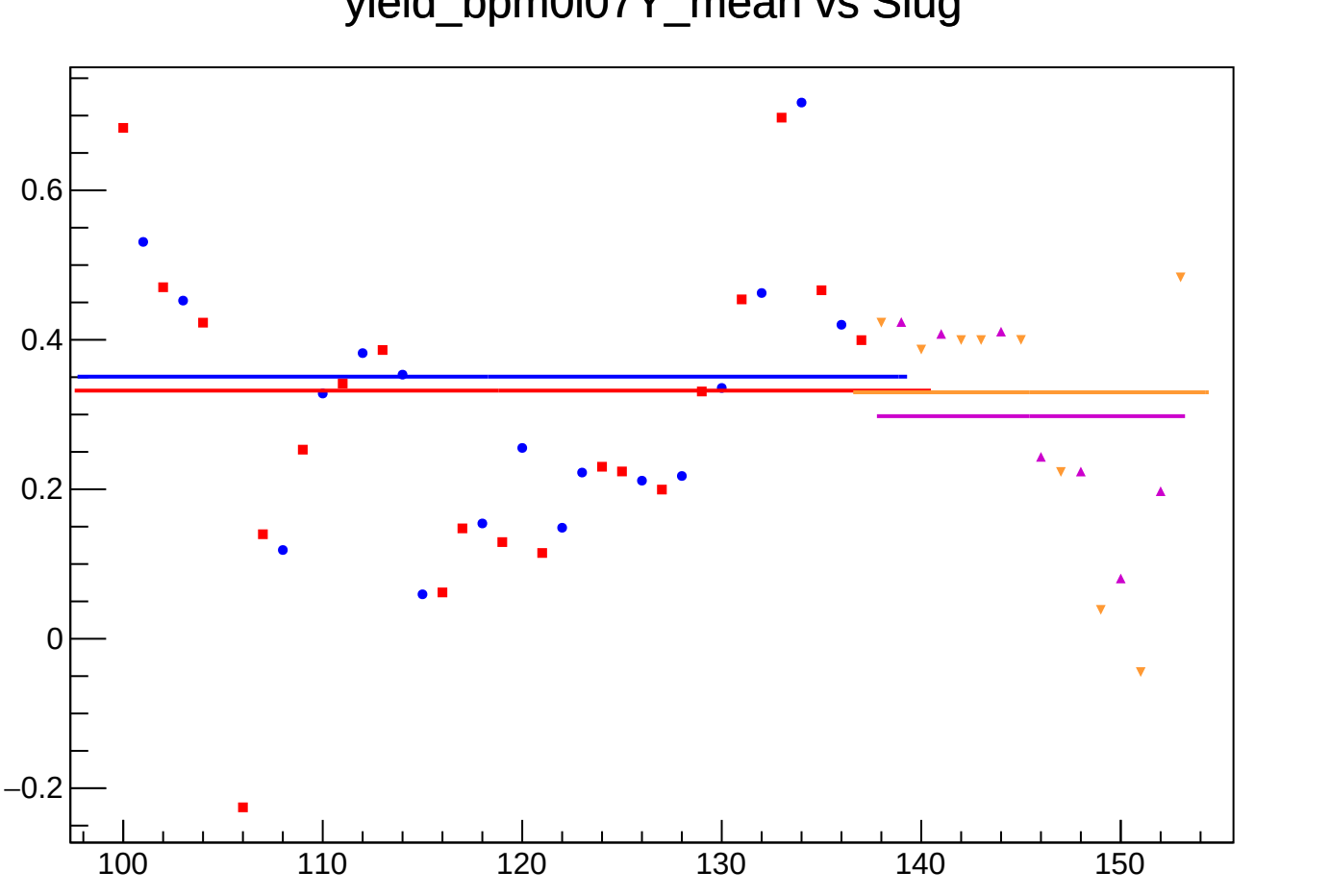
Left Out: 0.005+/-0.000 χ^2/NDF:360434.5/8

Right Out: 0.005+/-0.000 χ^2/NDF: 410640.5/19

Left In: 0.005+/-0.000 χ^2/NDF:408527.0/6

0.005+/-0.000 χ^2/NDF: 1076881.2/25

0.005+/-0.000 χ^2/NDF: 844112.5/26



Right In: 0.351+/-0.000 χ^2/NDF: 7410859446.3/16

Left Out: 0.330+/-0.000 χ^2/NDF:11528154808.8/8

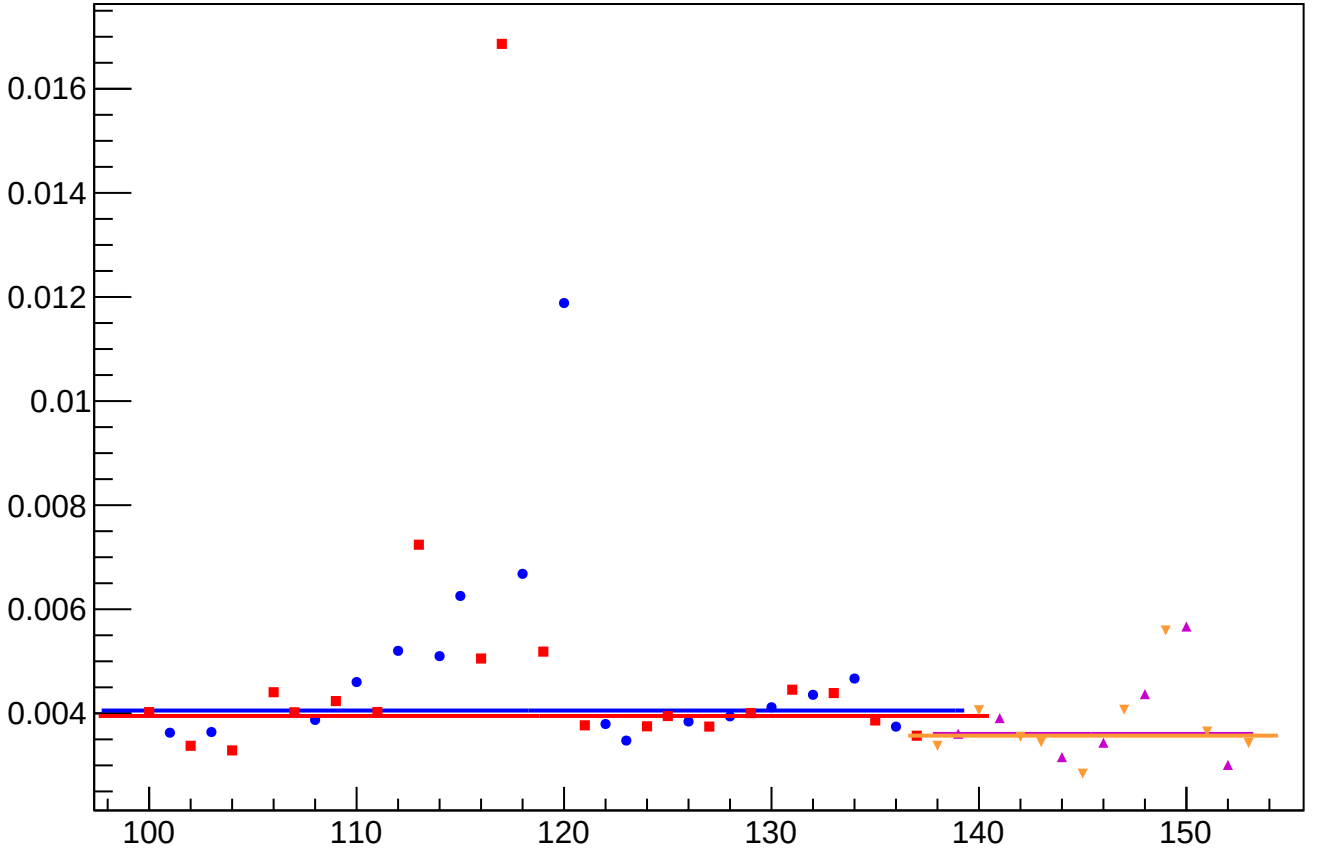
Right Out: 0.332+/-0.000 χ^2/NDF: 11800695210.2/19

Left In: 0.298+/-0.000 χ^2/NDF:4442332255.8/6

0.339+/-0.000 χ^2/NDF: 19022074978.3/25

0.316+/-0.000 χ^2/NDF: 16462028510.8/26

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 455318.3/16

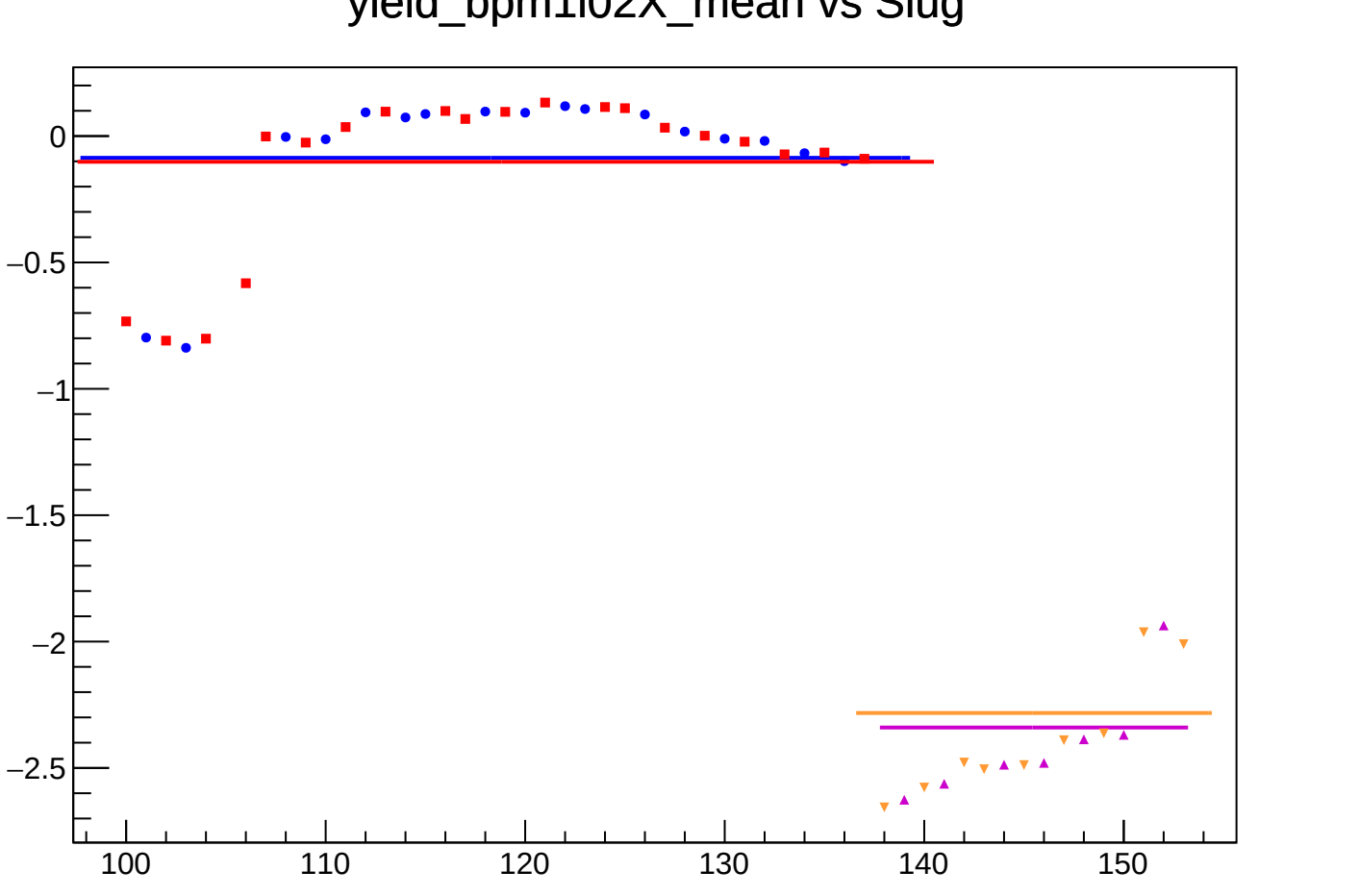
Left Out: 0.004+/-0.000 χ^2/NDF:313883.5/8

Right Out: 0.004+/-0.000 χ^2/NDF: 304954.7/19

Left In: 0.004+/-0.000 χ^2/NDF:338925.3/6

0.004+/-0.000 χ^2/NDF: 857370.4/25

0.004+/-0.000 χ^2/NDF: 688628.9/26



Right In: -0.086+/-0.000 χ^2/NDF: 4989387592.7/16

Left Out: -2.282+/-0.000 χ^2/NDF:2986834843.8/8

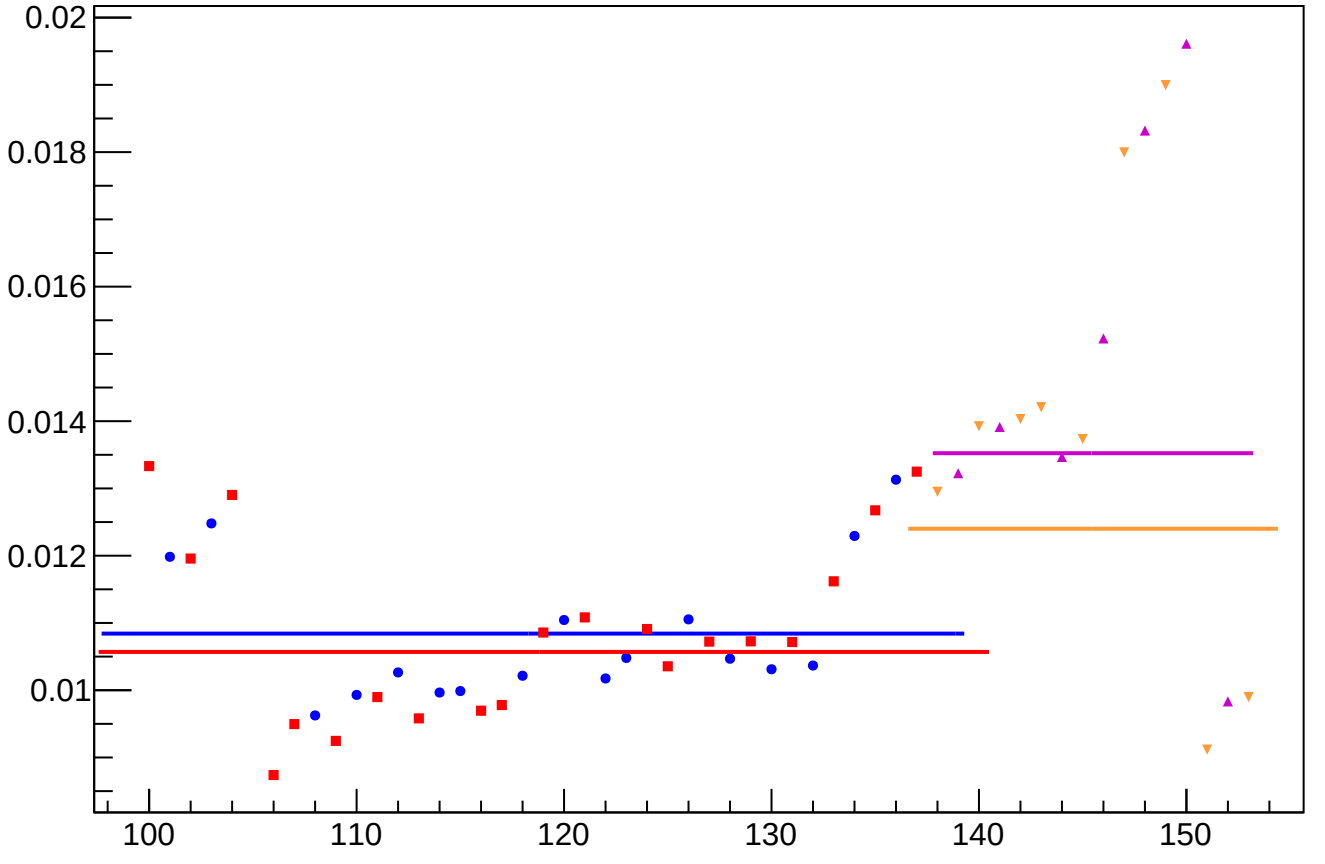
Right Out: -0.102+/-0.000 χ^2/NDF: 5566142794.2/19

Left In: -2.340+/-0.000 χ^2/NDF:2093293780.6/6

-0.998+/-0.000 χ^2/NDF: 121067821657.8/25

-0.815+/-0.000 χ^2/NDF: 108473246559.0/26

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 124260.3/16

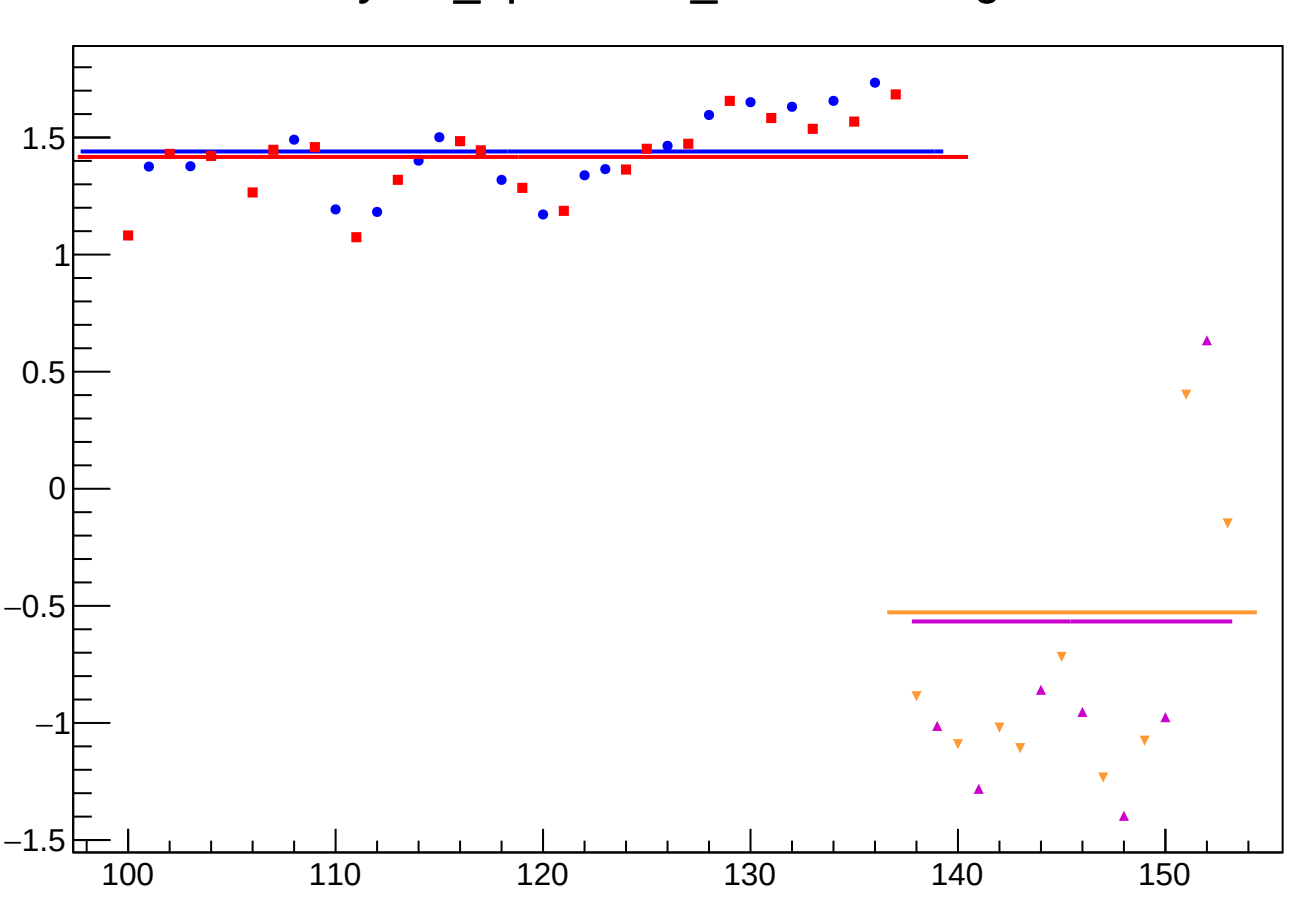
Left Out: 0.012+/-0.000 χ^2/NDF:717835.9/8

Right Out: 0.011+/-0.000 χ^2/NDF: 179537.7/19

Left In: 0.014+/-0.000 χ^2/NDF:529961.0/6

0.011+/-0.000 χ^2/NDF: 956070.0/25

0.012+/-0.000 χ^2/NDF: 1060754.7/26



Right In: 1.440+/-0.000 χ^2/NDF: 3449252780.8/16

Left Out: -0.528+/-0.000 χ^2/NDF:25953512294.3/8

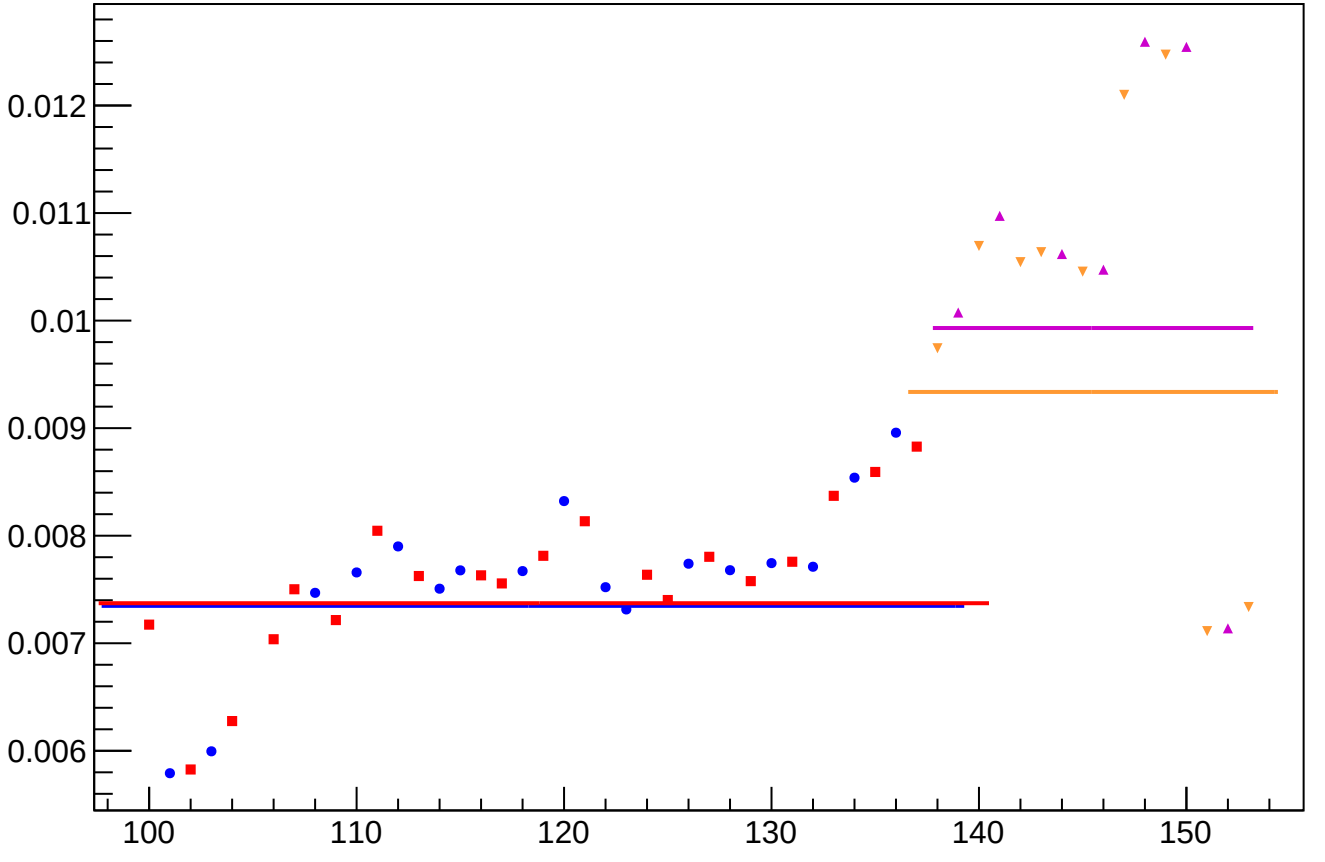
Right Out: 1.417+/-0.000 χ^2/NDF: 2674679406.4/19

Left In: -0.567+/-0.000 χ^2/NDF:34417522490.2/6

0.711+/-0.000 χ^2/NDF: 204683911111.5/25

0.824+/-0.000 χ^2/NDF: 189867272011.9/26

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 228163.6/16

Left Out: 0.009+/-0.000 χ^2/NDF:528934.1/8

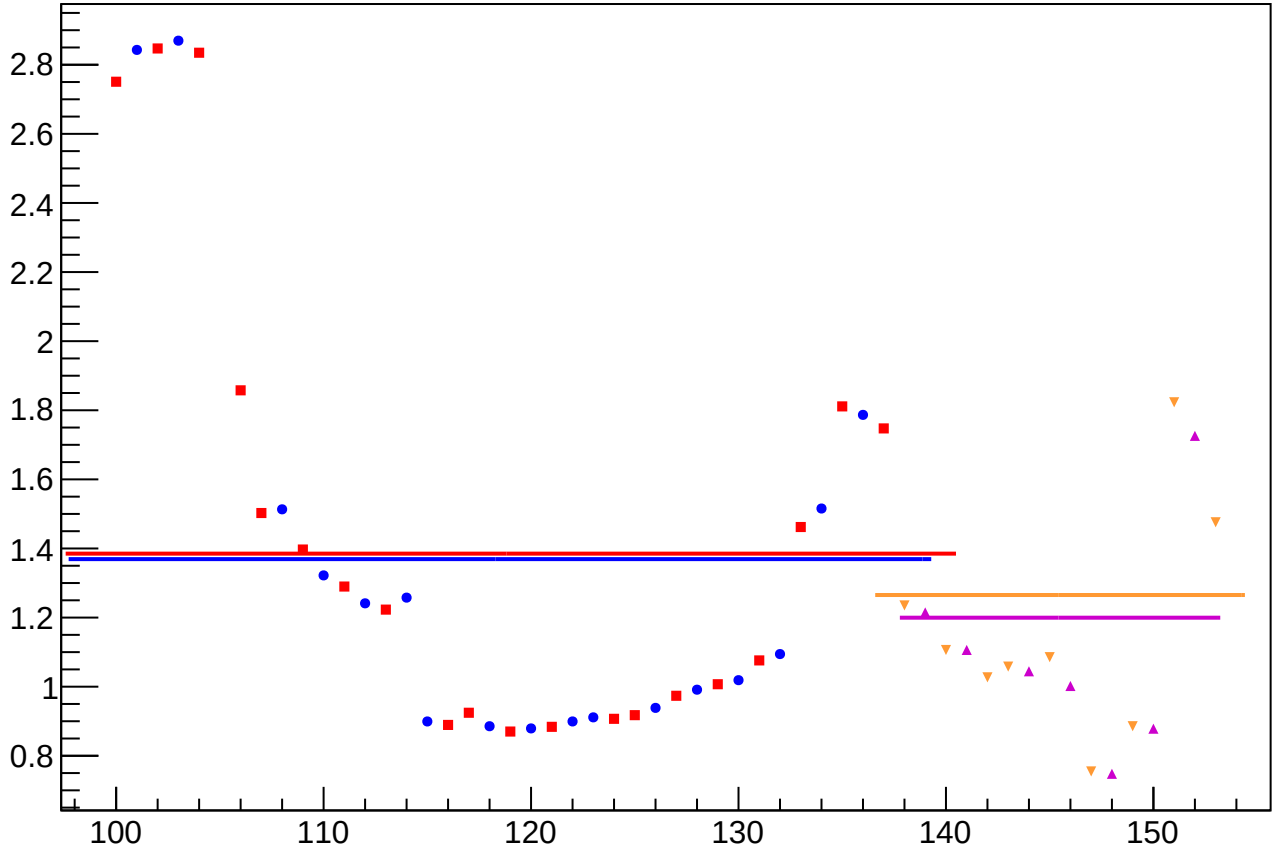
Right Out: 0.007+/-0.000 χ^2/NDF: 172741.0/19

Left In: 0.010+/-0.000 χ^2/NDF:426584.2/6

0.008+/-0.000 χ^2/NDF: 1115080.3/25

0.008+/-0.000 χ^2/NDF: 1107766.1/26

yield_bpm1i04X_mean vs Slug



Right In: 1.369+/-0.000 χ^2/NDF: 54205395389.8/16

Left Out: 1.265+/-0.000 χ^2/NDF:8697653129.1/8

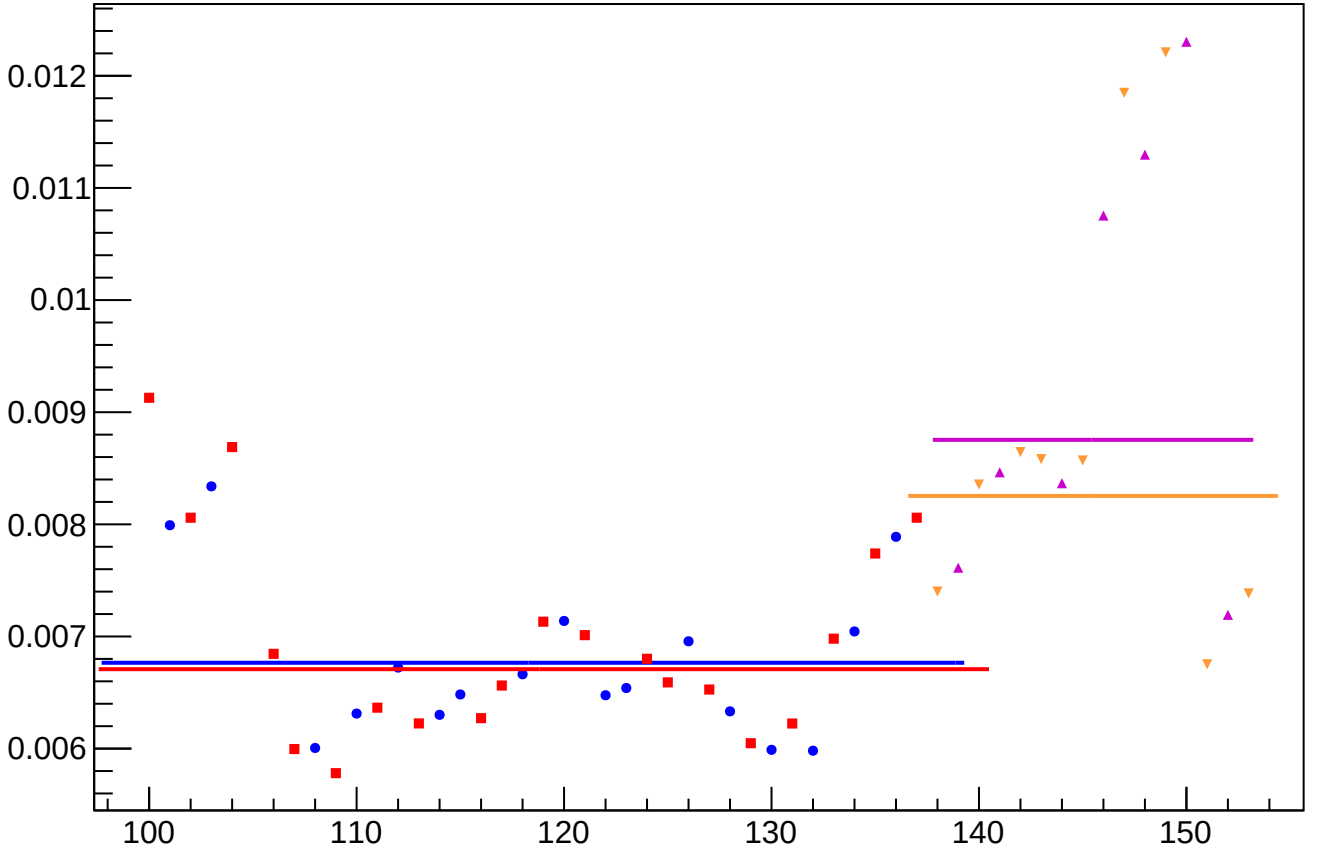
Right Out: 1.385+/-0.000 χ^2/NDF: 50114562617.6/19

Left In: 1.200+/-0.000 χ^2/NDF:6788272703.7/6

1.330+/-0.000 χ^2/NDF: 63494561077.9/25

1.329+/-0.000 χ^2/NDF: 58540316766.2/26

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 159554.9/16

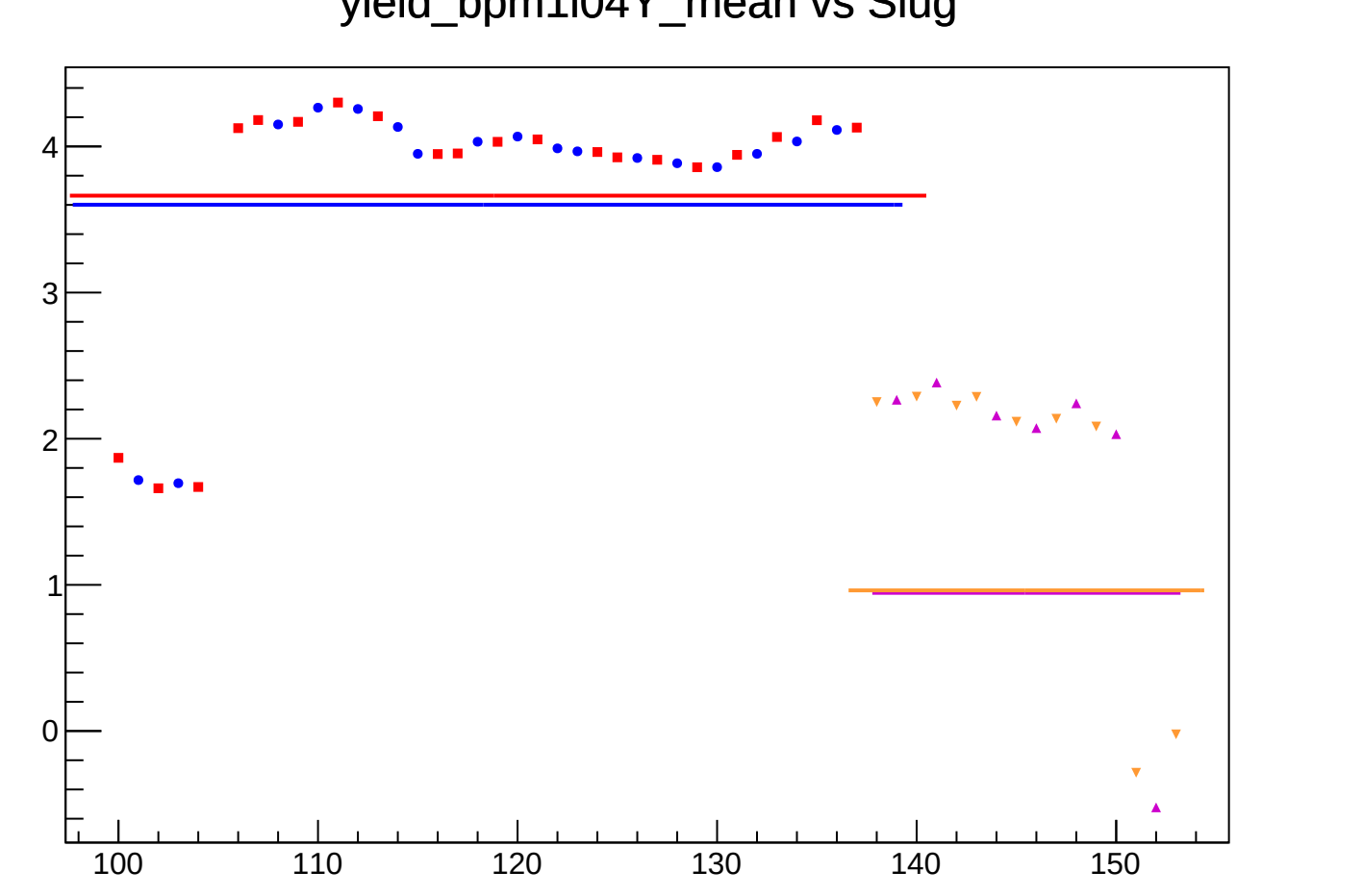
Left Out: 0.008+/-0.000 χ^2/NDF:398399.4/8

Right Out: 0.007+/-0.000 χ^2/NDF: 187869.7/19

Left In: 0.009+/-0.000 χ^2/NDF:372260.9/6

0.007+/-0.000 χ^2/NDF: 800728.0/25

0.007+/-0.000 χ^2/NDF: 958647.6/26



Right In: 3.601+/-0.000 χ^2/NDF: 185806937655.3/16

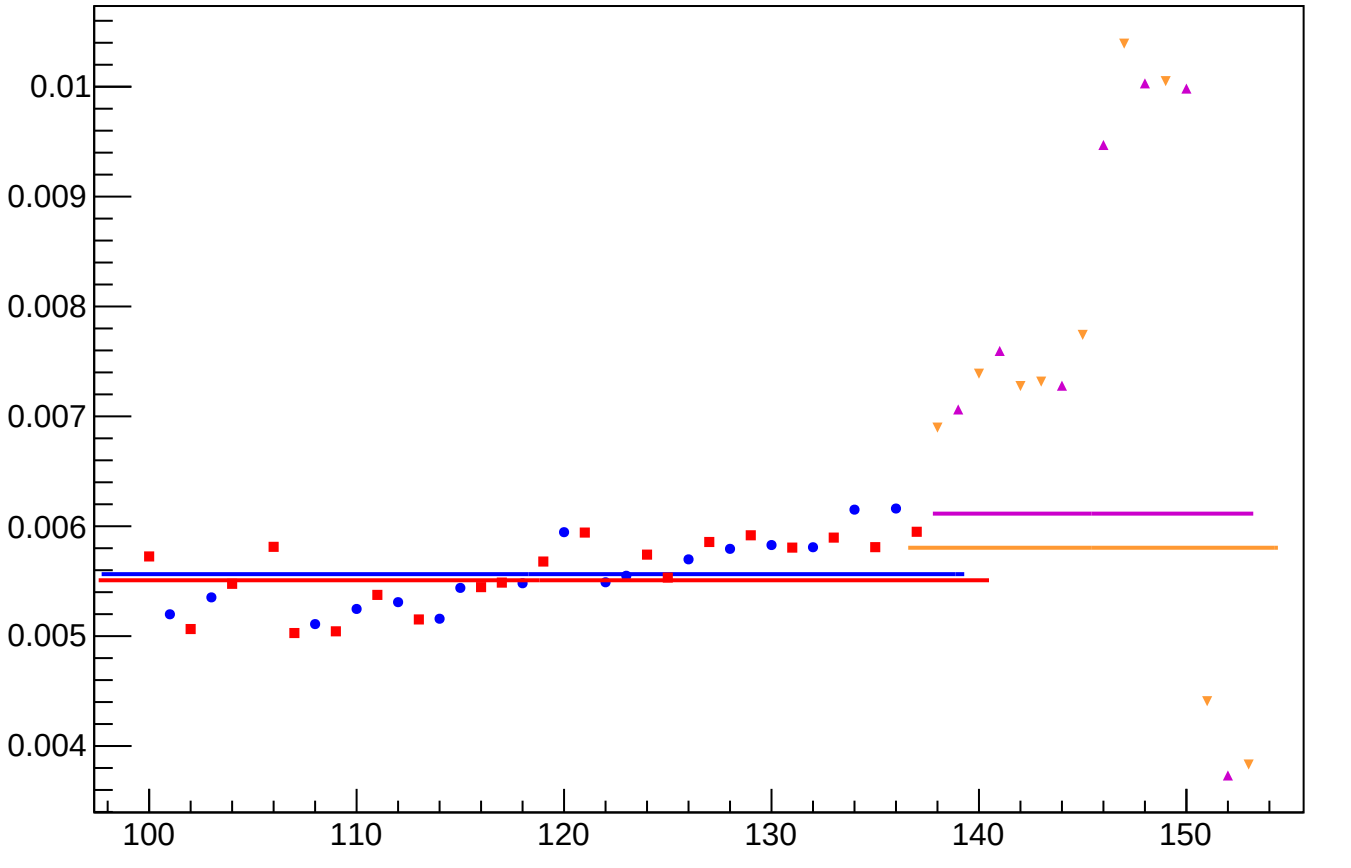
Left Out: 0.962+/-0.000 χ^2/NDF:221487034931.1/8

Right Out: 3.663+/-0.000 χ^2/NDF: 192640409625.9/19

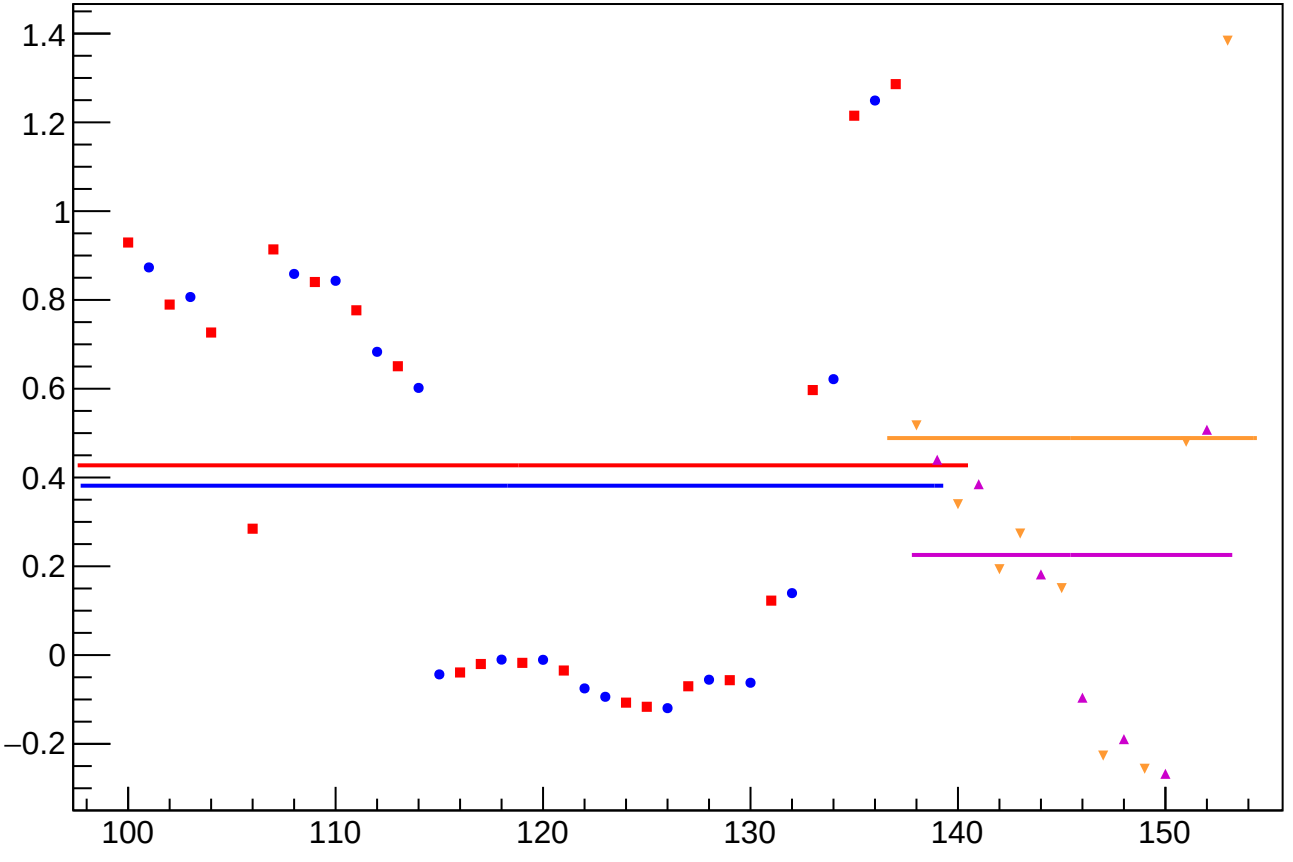
Left In: 0.946+/-0.000 χ^2/NDF:232165099003.3/6

2.472+/-0.000 χ^2/NDF: 1050603267785.5/25

2.712+/-0.000 χ^2/NDF: 1020947387864.4/26


yield_bpm1i04Y_rms vs Slug
0.01
0.009
0.008
0.007
0.006
0.005
0.004
100
110
120
130
140
150
Right In: 0.006+/-0.000 χ²/NDF: 47588.2/16
Left Out: 0.006+/-0.000 χ²/NDF:1353448.7/8
Right Out: 0.006+/-0.000 χ²/NDF: 52636.1/19
Left In: 0.006+/-0.000 χ²/NDF:1414366.0/6
0.006+/-0.000 χ²/NDF: 1411706.5/25
0.006+/-0.000 χ²/NDF: 1526368.5/26

yield_bpm1i06X_mean vs Slug



Right In: 0.382+/-0.000 χ^2/NDF: 7124759123.1/16

Left Out: 0.489+/-0.000 χ^2/NDF:9194438484.3/8

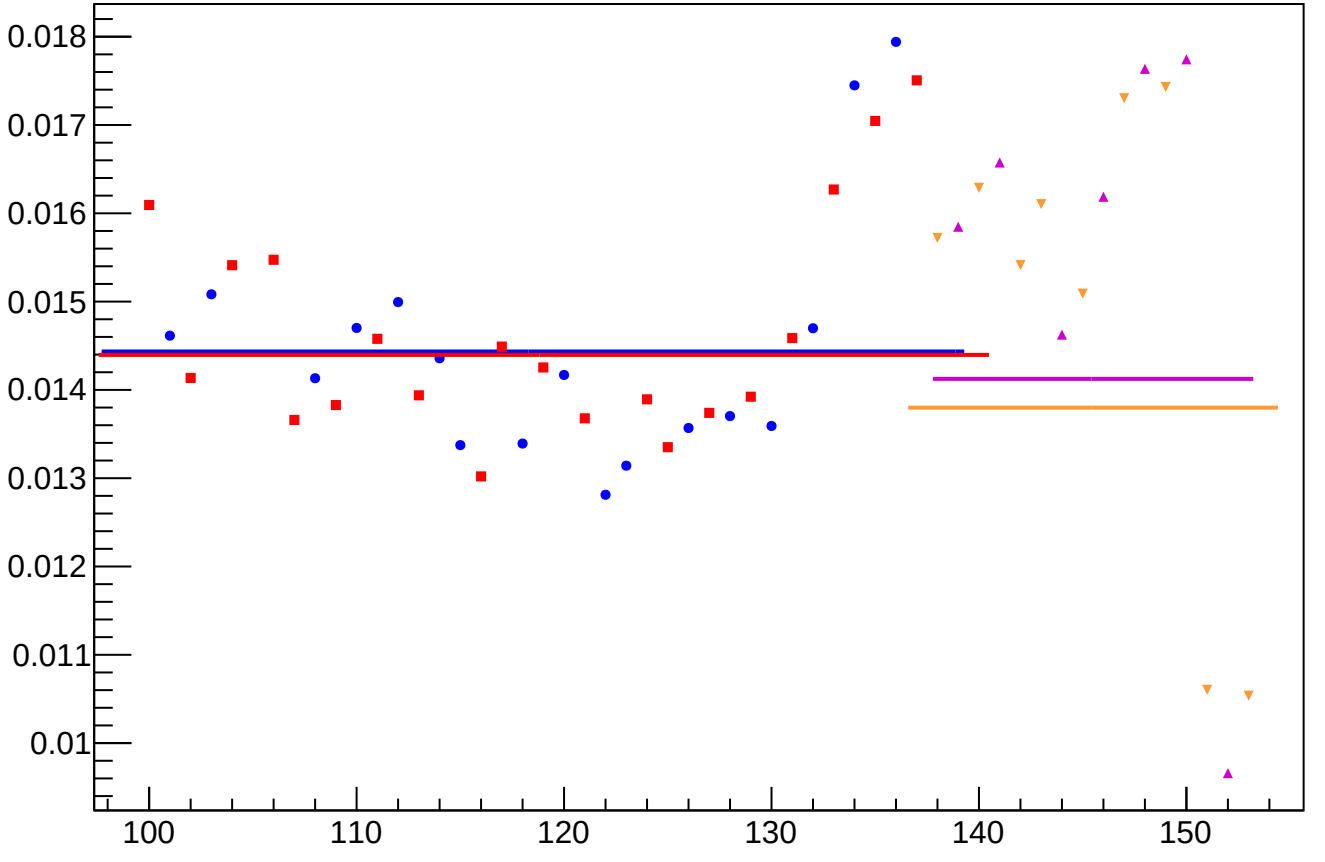
Right Out: 0.427+/-0.000 χ^2/NDF: 6716521382.4/19

Left In: 0.226+/-0.000 χ^2/NDF:2315145411.4/6

0.436+/-0.000 χ^2/NDF: 16504139545.8/25

0.338+/-0.000 χ^2/NDF: 9639487566.7/26

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 110224.4/16

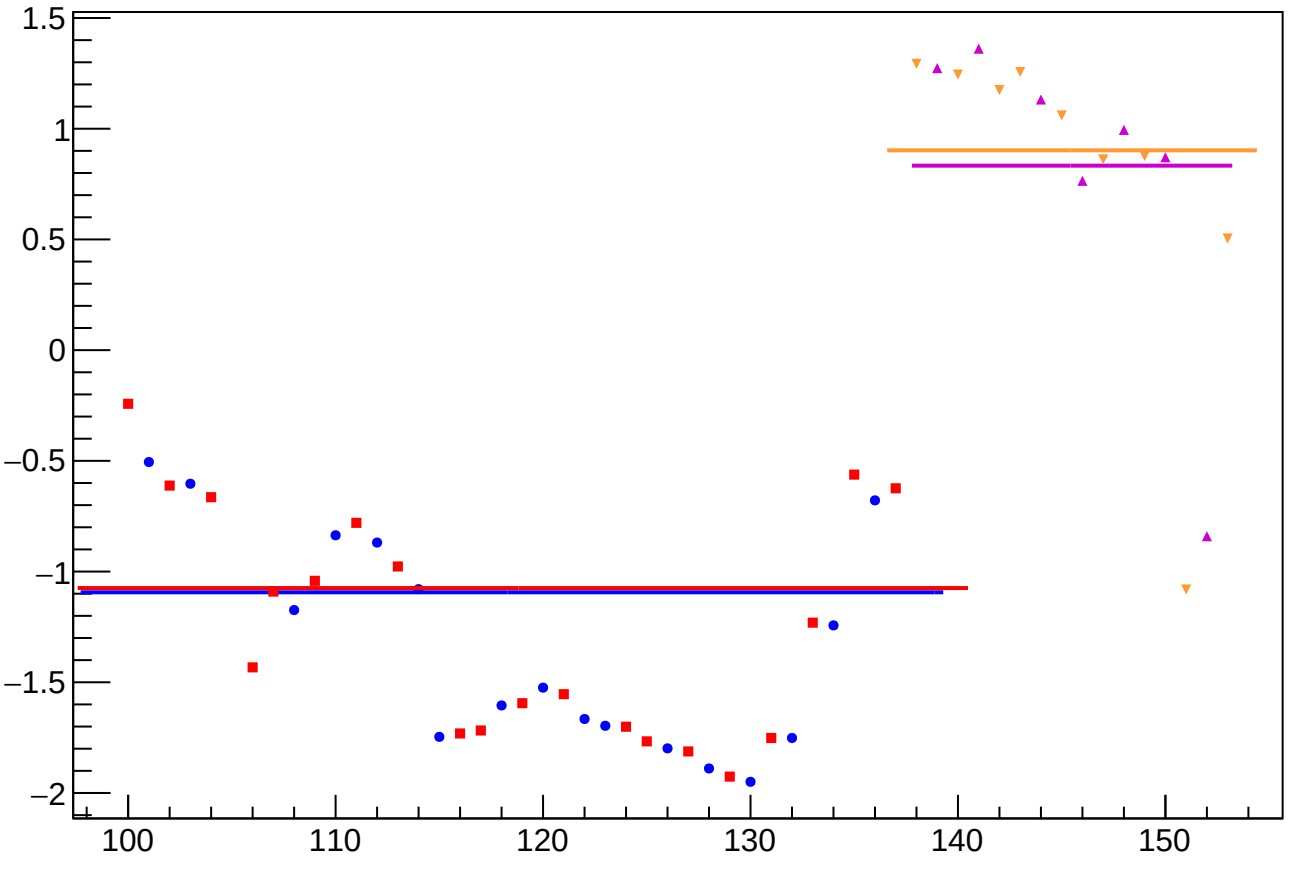
Left Out: 0.014+/-0.000 χ^2/NDF:524941.4/8

Right Out: 0.014+/-0.000 χ^2/NDF: 74535.1/19

Left In: 0.014+/-0.000 χ^2/NDF:563698.4/6

0.014+/-0.000 χ^2/NDF: 648157.6/25

0.014+/-0.000 χ^2/NDF: 640432.4/26



Right In: -1.094+/-0.000 χ^2/NDF: 55960104370.4/16

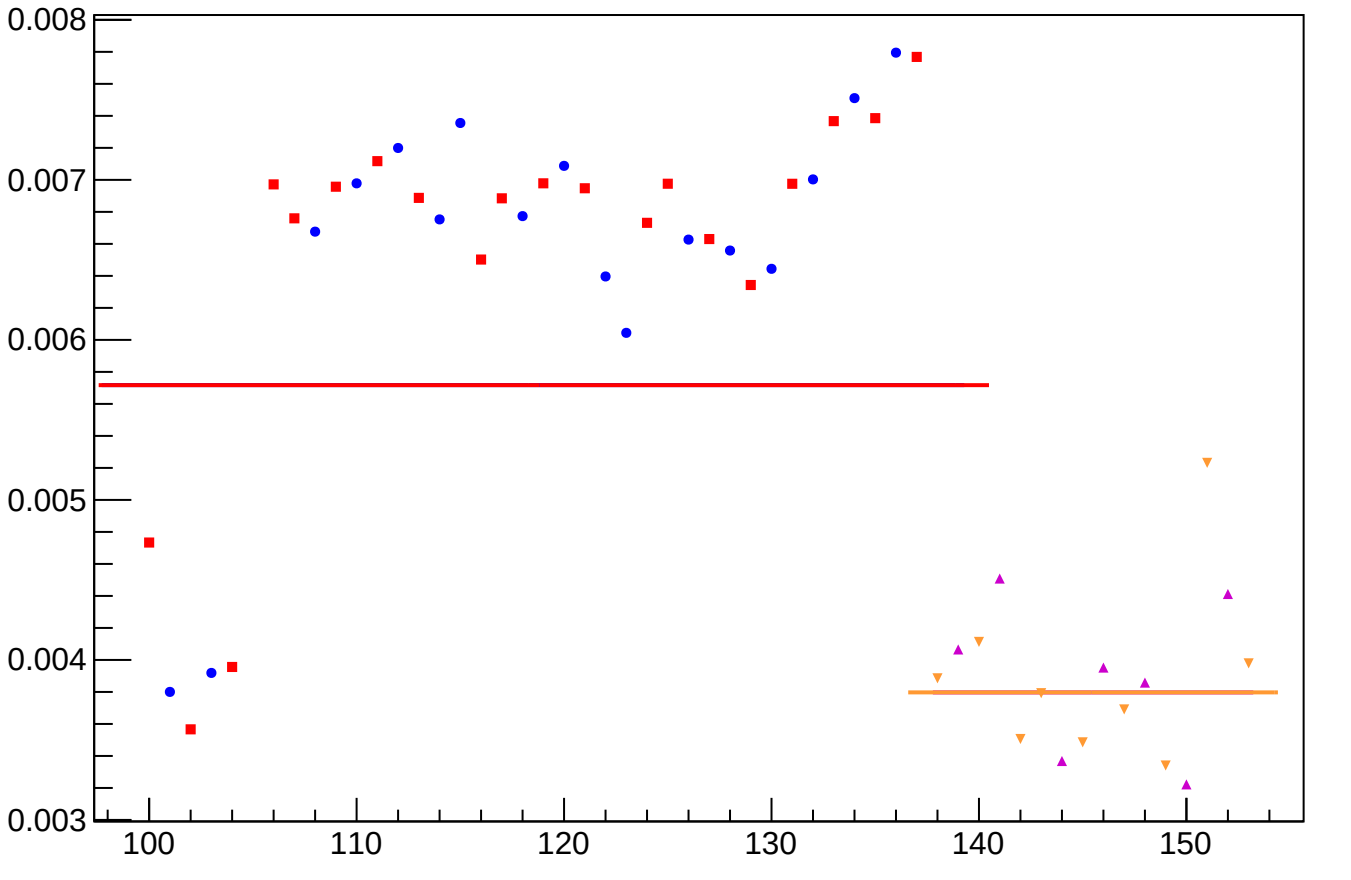
Left Out: 0.902+/-0.000 χ^2/NDF:116120864689.6/8

Right Out: -1.074+/-0.000 χ^2/NDF: 47208439320.8/19

Left In: 0.833+/-0.000 χ^2/NDF:137733325557.7/6

0.275+/-0.000 χ^2/NDF: 668418528456.2/25

0.154+/-0.000 χ^2/NDF: 629236472623.2/26



Right In: 0.006+/-0.000 χ^2/NDF: 837775.0/16

Left Out: 0.004+/-0.000 χ^2/NDF:145983.4/8

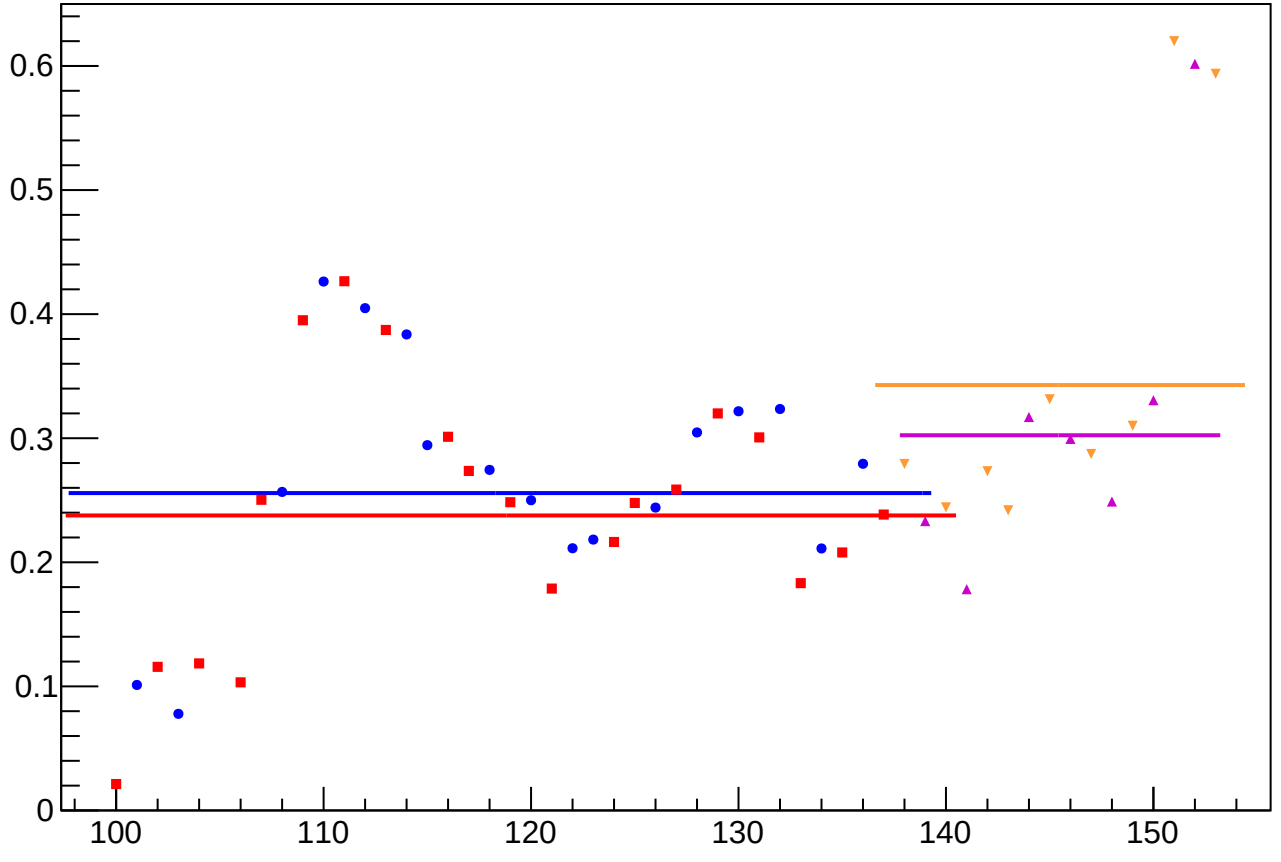
Right Out: 0.006+/-0.000 χ^2/NDF: 925957.4/19

Left In: 0.004+/-0.000 χ^2/NDF:150662.8/6

0.004+/-0.000 χ^2/NDF: 1902491.0/25

0.004+/-0.000 χ^2/NDF: 1976924.9/26

yield_bpm2i01X_mean vs Slug



Right In: 0.256+/-0.000 χ^2/NDF: 21365489849.4/16

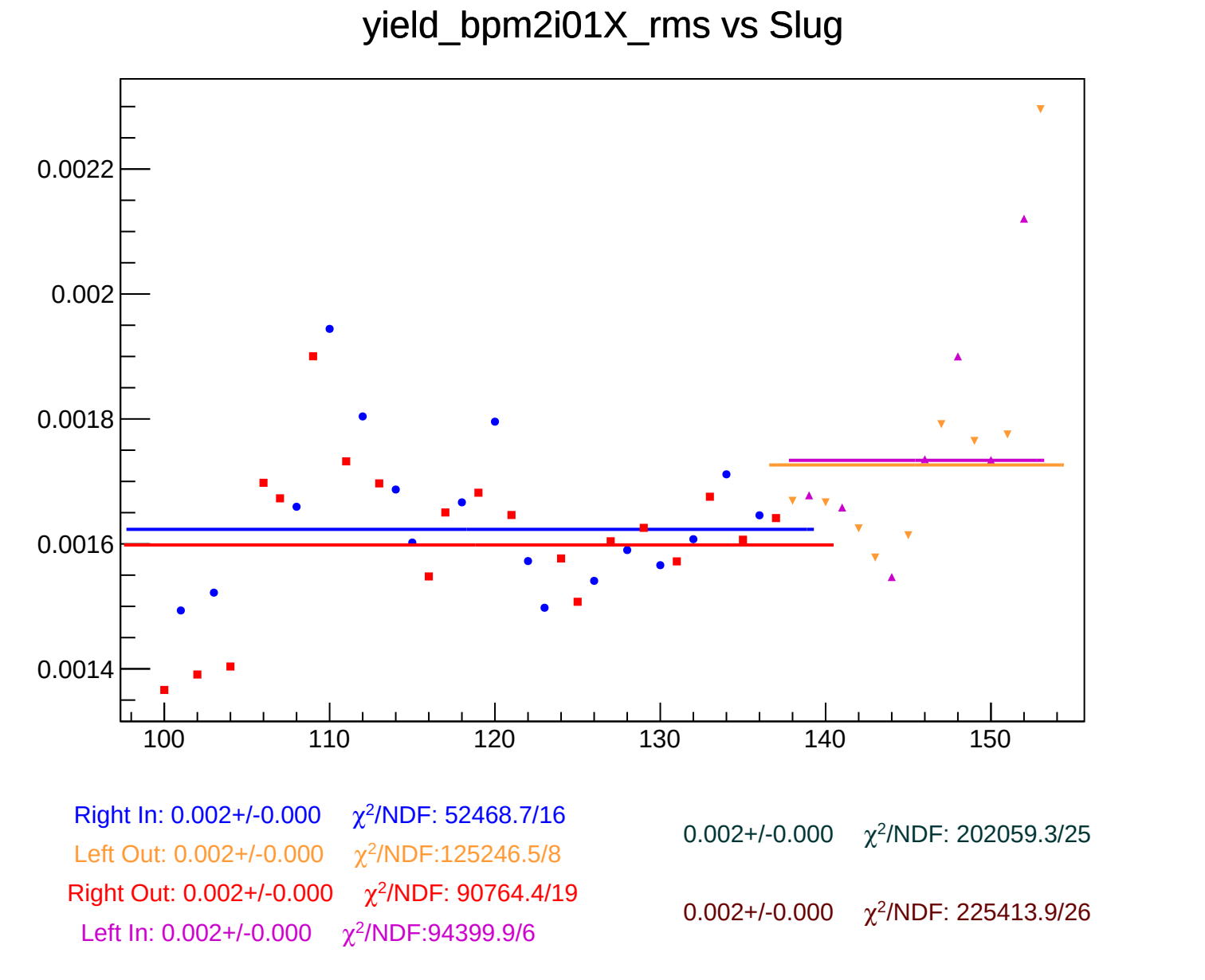
Left Out: 0.343+/-0.000 χ^2/NDF:37134038325.6/8

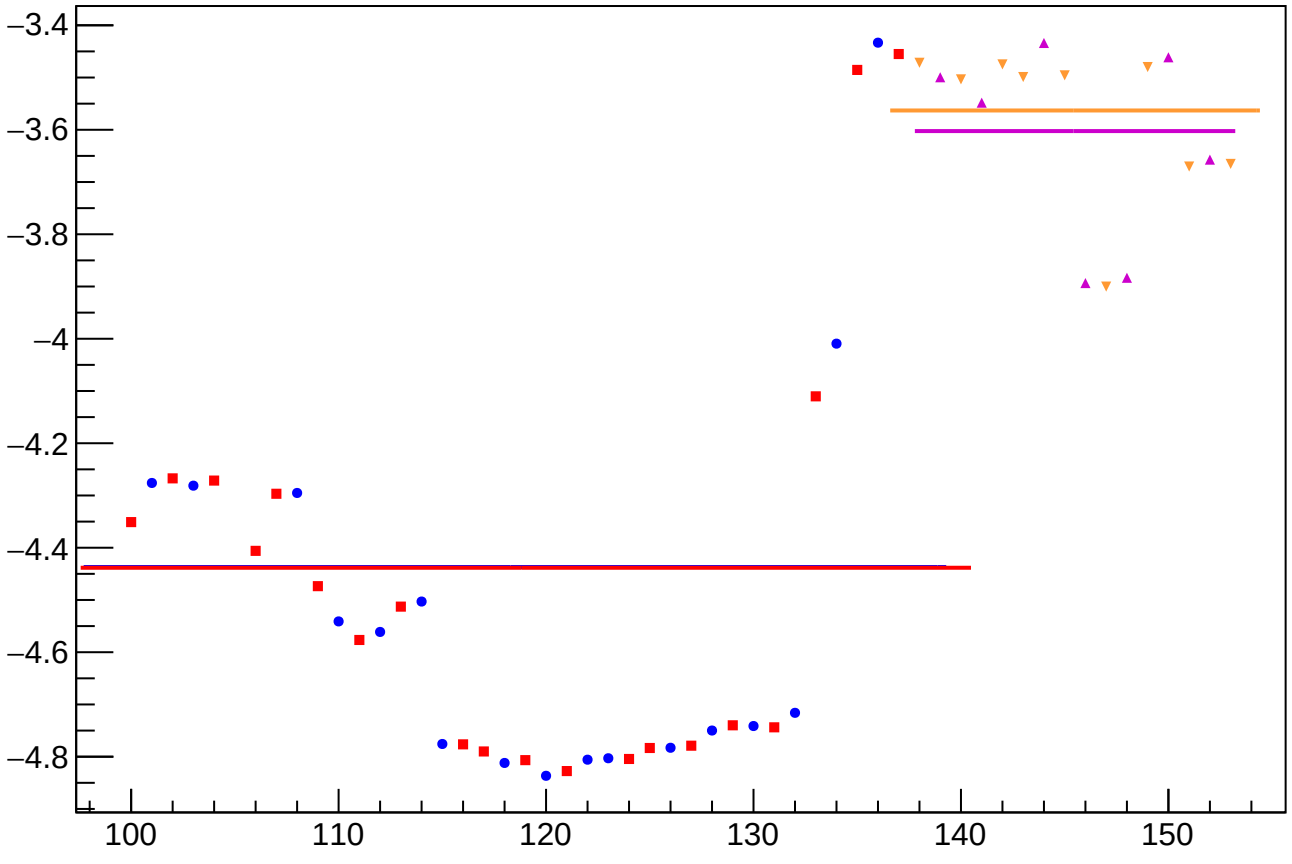
Right Out: 0.238+/-0.000 χ^2/NDF: 26077768189.7/19

Left In: 0.302+/-0.000 χ^2/NDF:22630007611.7/6

0.297+/-0.000 χ^2/NDF: 67183854014.1/25

0.264+/-0.000 χ^2/NDF: 53290216626.4/26


yield_bpm2i01X_rms vs Slug
0.0022
0.002
0.0018
0.0016
0.0014
100
110
120
130
140
150
Right In: 0.002+/-0.000 χ²/NDF: 52468.7/16
Left Out: 0.002+/-0.000 χ²/NDF:125246.5/8
Right Out: 0.002+/-0.000 χ²/NDF: 90764.4/19
Left In: 0.002+/-0.000 χ²/NDF:94399.9/6
0.002+/-0.000 χ²/NDF: 202059.3/25
0.002+/-0.000 χ²/NDF: 225413.9/26



Right In: -4.437+/-0.000 χ^2/NDF: 392812415429.0/16

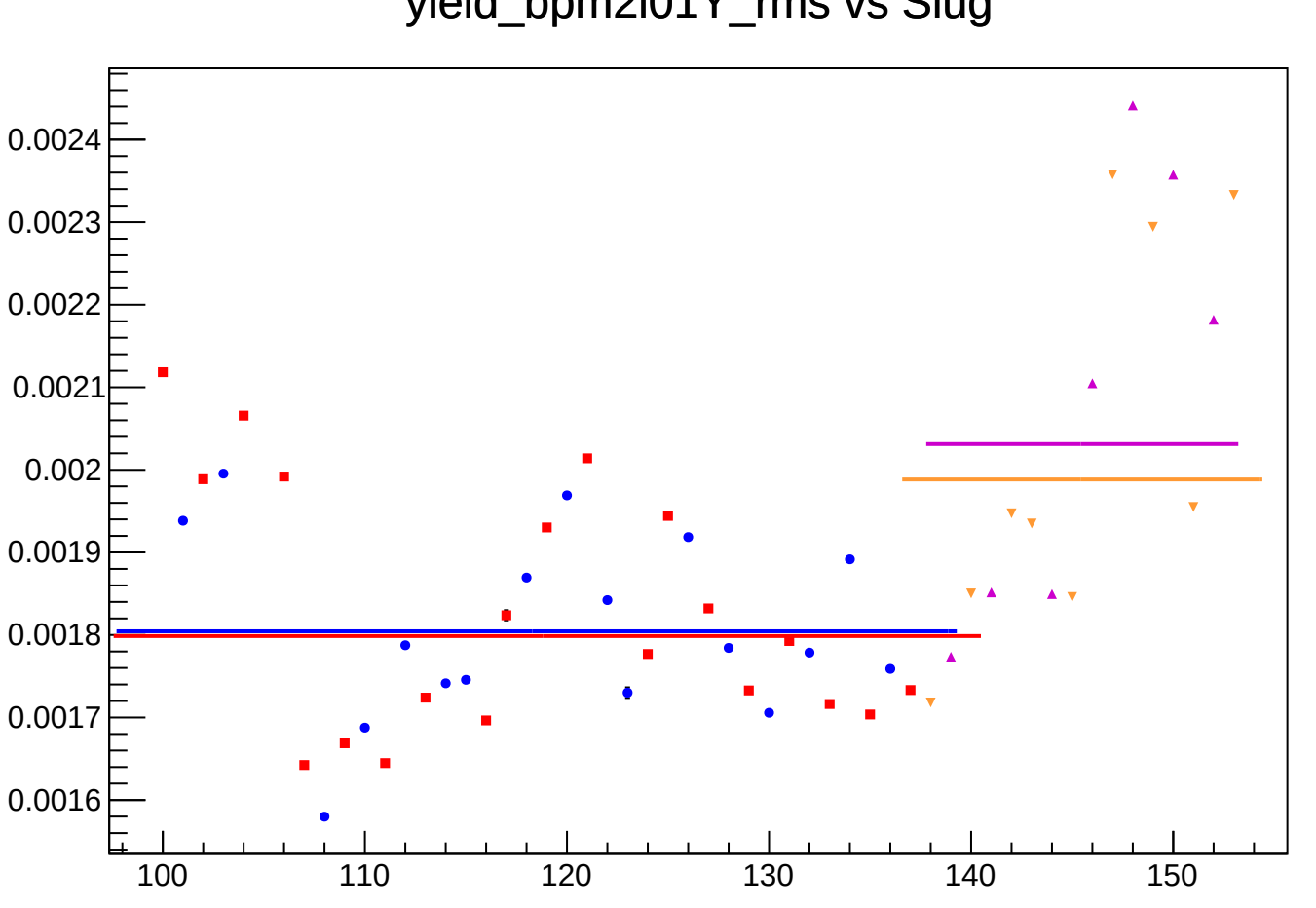
Left Out: -3.563+/-0.000 χ^2/NDF:25541431993.3/8

Right Out: -4.438+/-0.000 χ^2/NDF: 326800745779.7/19

Left In: -3.602+/-0.000 χ^2/NDF:38717844008.6/6

-4.050+/-0.000 χ^2/NDF: 1094461296627.9/25

-4.118+/-0.000 χ^2/NDF: 937015857238.0/26



Right In: 0.002+/-0.000 χ^2/NDF: 49103.2/16

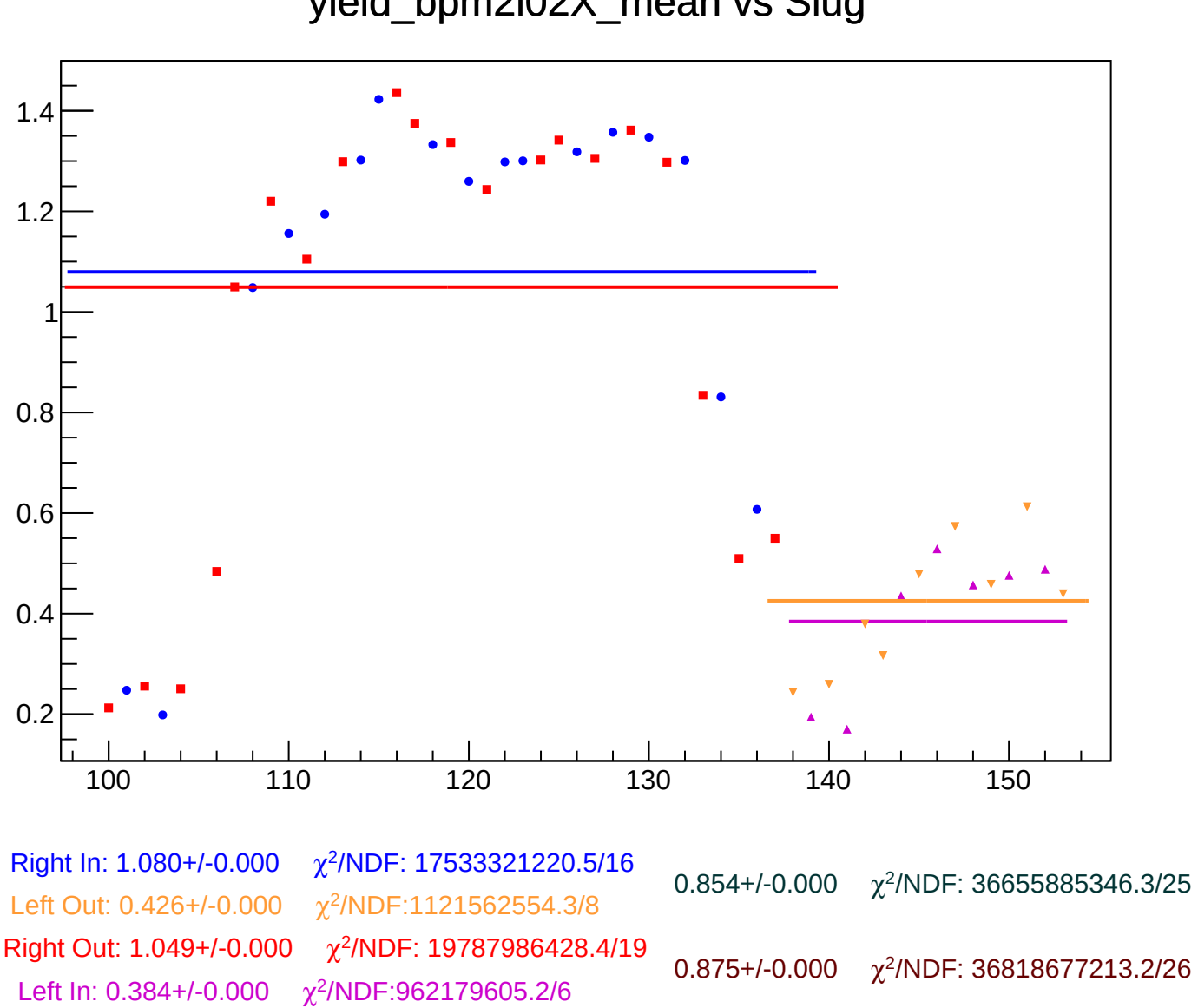
Left Out: 0.002+/-0.000 χ^2/NDF:152245.0/8

Right Out: 0.002+/-0.000 χ^2/NDF: 81037.5/19

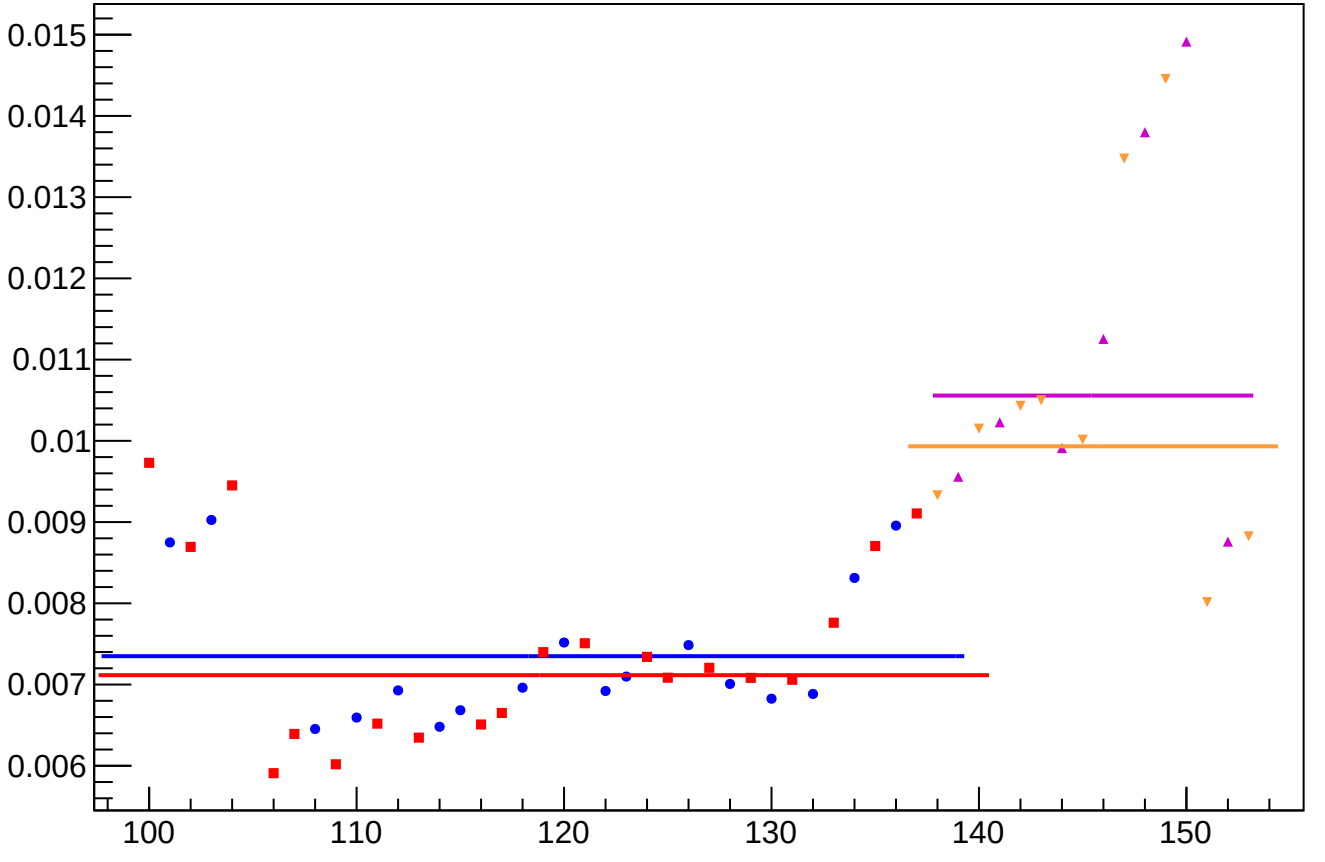
Left In: 0.002+/-0.000 χ^2/NDF:146280.9/6

0.002+/-0.000 χ^2/NDF: 261248.7/25

0.002+/-0.000 χ^2/NDF: 315802.0/26


yield_bpm2i02X_mean vs Slug
1.4
1.2
1
0.8
0.6
0.4
0.2
100
110
120
130
140
150
Right In: 1.080+/-0.000 χ²/NDF: 17533321220.5/16
Left Out: 0.426+/-0.000 χ²/NDF:1121562554.3/8
Right Out: 1.049+/-0.000 χ²/NDF: 19787986428.4/19
Left In: 0.384+/-0.000 χ²/NDF:962179605.2/6
0.854+/-0.000 χ²/NDF: 36655885346.3/25
0.875+/-0.000 χ²/NDF: 36818677213.2/26

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 180818.7/16

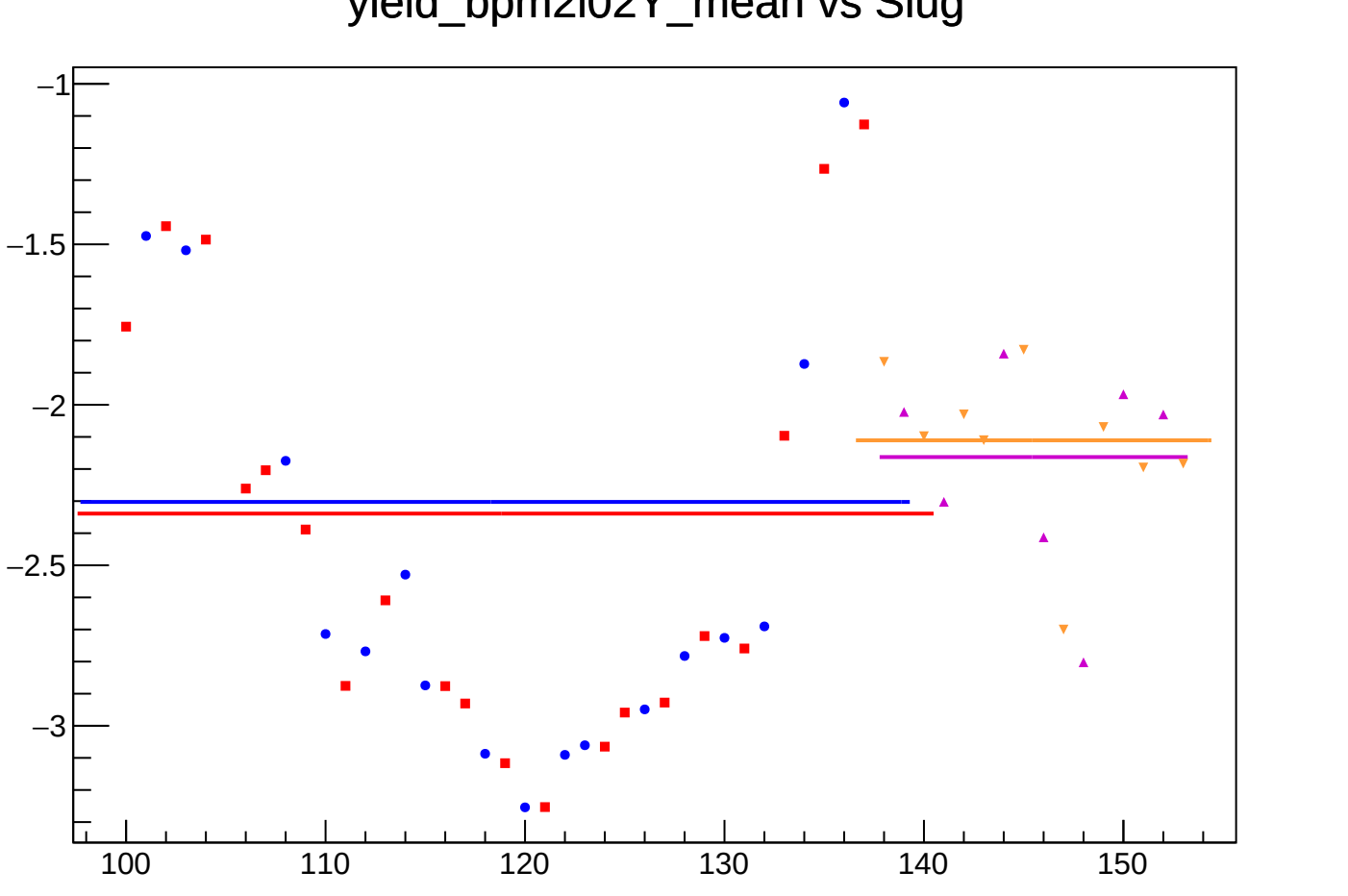
Left Out: 0.010+/-0.000 χ^2/NDF:392706.6/8

Right Out: 0.007+/-0.000 χ^2/NDF: 259539.3/19

Left In: 0.011+/-0.000 χ^2/NDF:334568.3/6

0.008+/-0.000 χ^2/NDF: 1135430.6/25

0.008+/-0.000 χ^2/NDF: 1455677.1/26



Right In: -2.303+/-0.000 χ^2/NDF: 73755914805.8/16

Left Out: -2.111+/-0.000 χ^2/NDF:3844052738.9/8

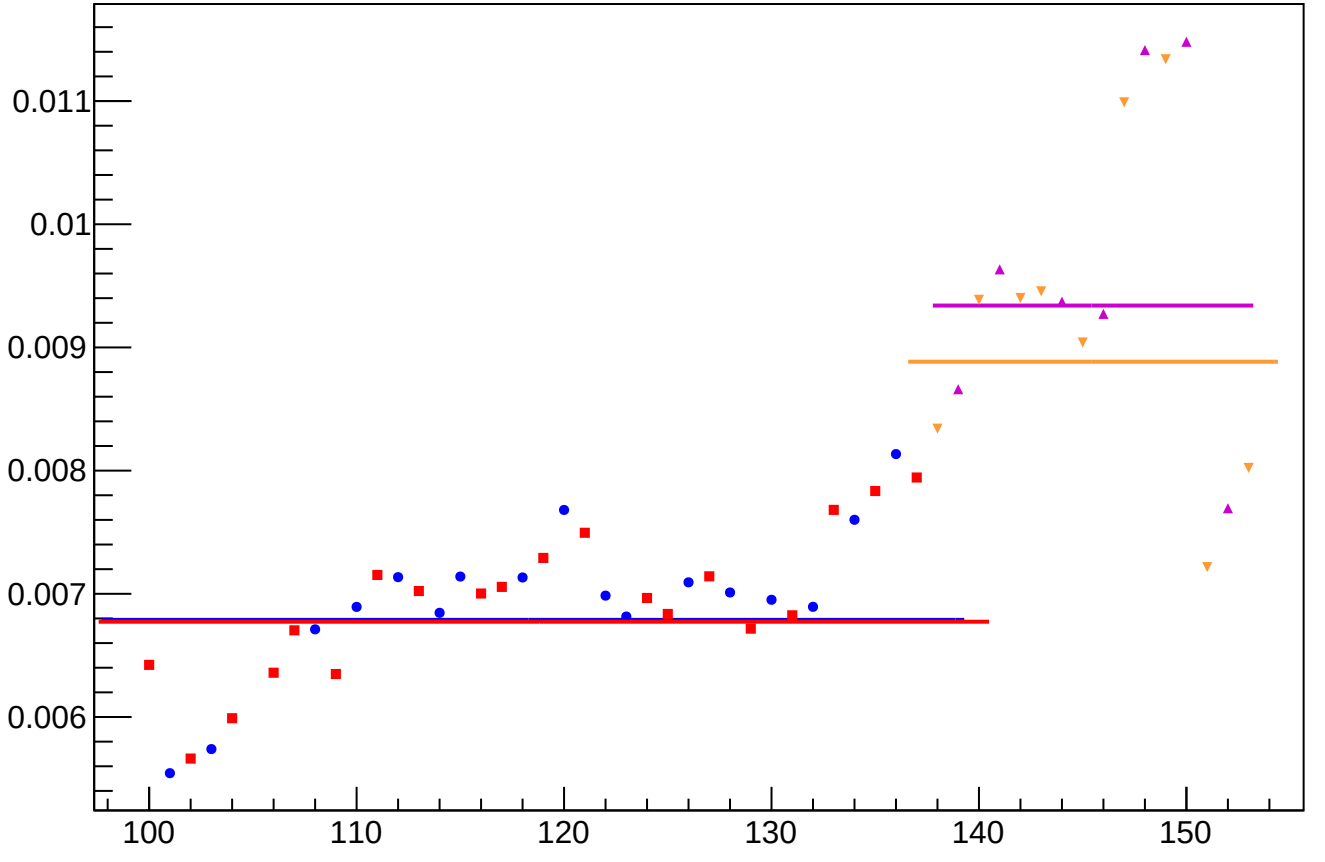
Right Out: -2.339+/-0.000 χ^2/NDF: 64804828308.5/19

Left In: -2.163+/-0.000 χ^2/NDF:4968928363.5/6

-2.233+/-0.000 χ^2/NDF: 79515910436.5/25

-2.287+/-0.000 χ^2/NDF: 71177671720.1/26

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 165199.2/16

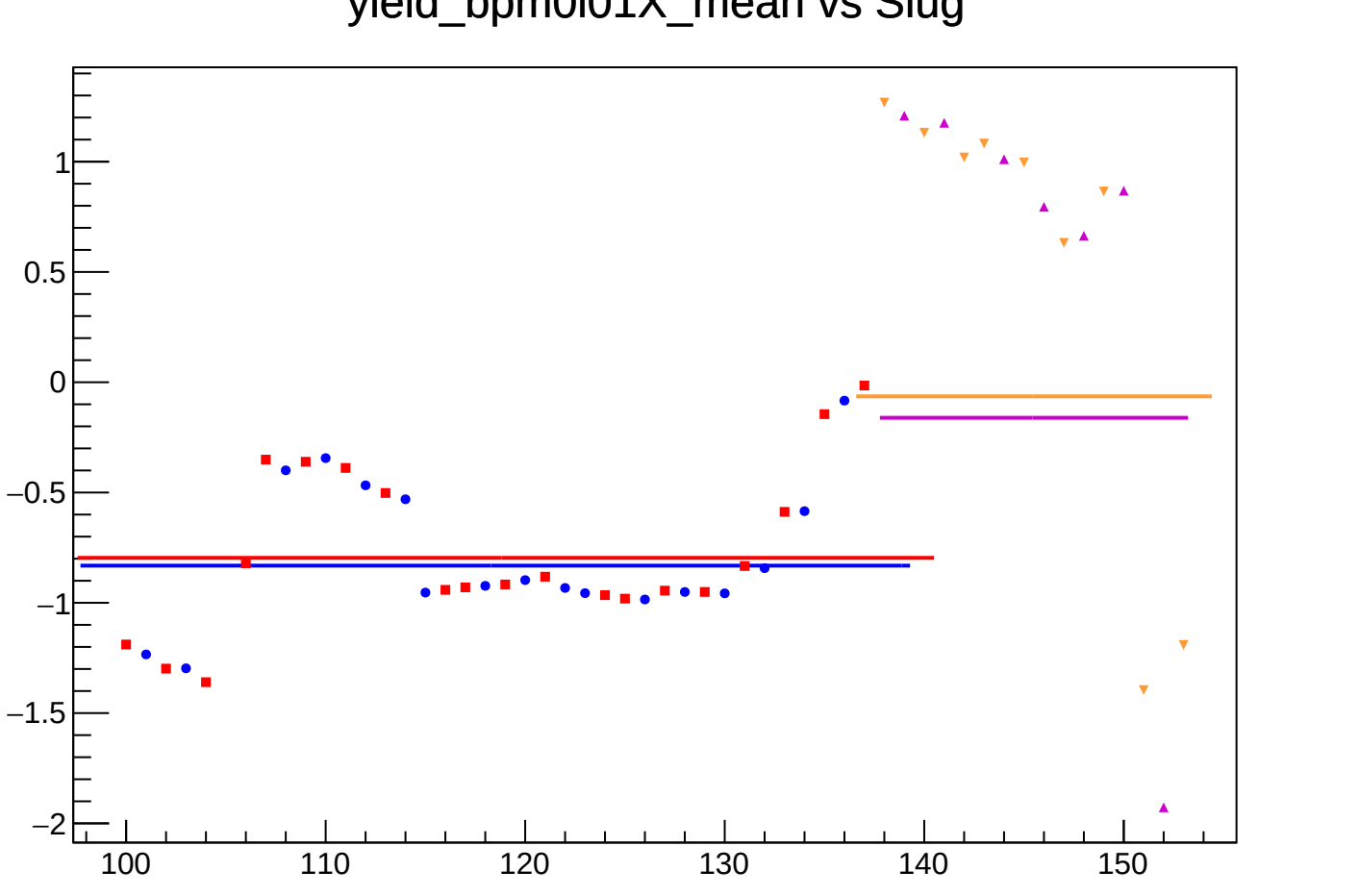
Left Out: 0.009+/-0.000 χ^2/NDF:254025.0/8

Right Out: 0.007+/-0.000 χ^2/NDF: 123383.6/19

Left In: 0.009+/-0.000 χ^2/NDF:198624.4/6

0.008+/-0.000 χ^2/NDF: 876282.1/25

0.008+/-0.000 χ^2/NDF: 918340.2/26



Right In: -0.831+/-0.000 χ^2/NDF: 6692170860.9/16

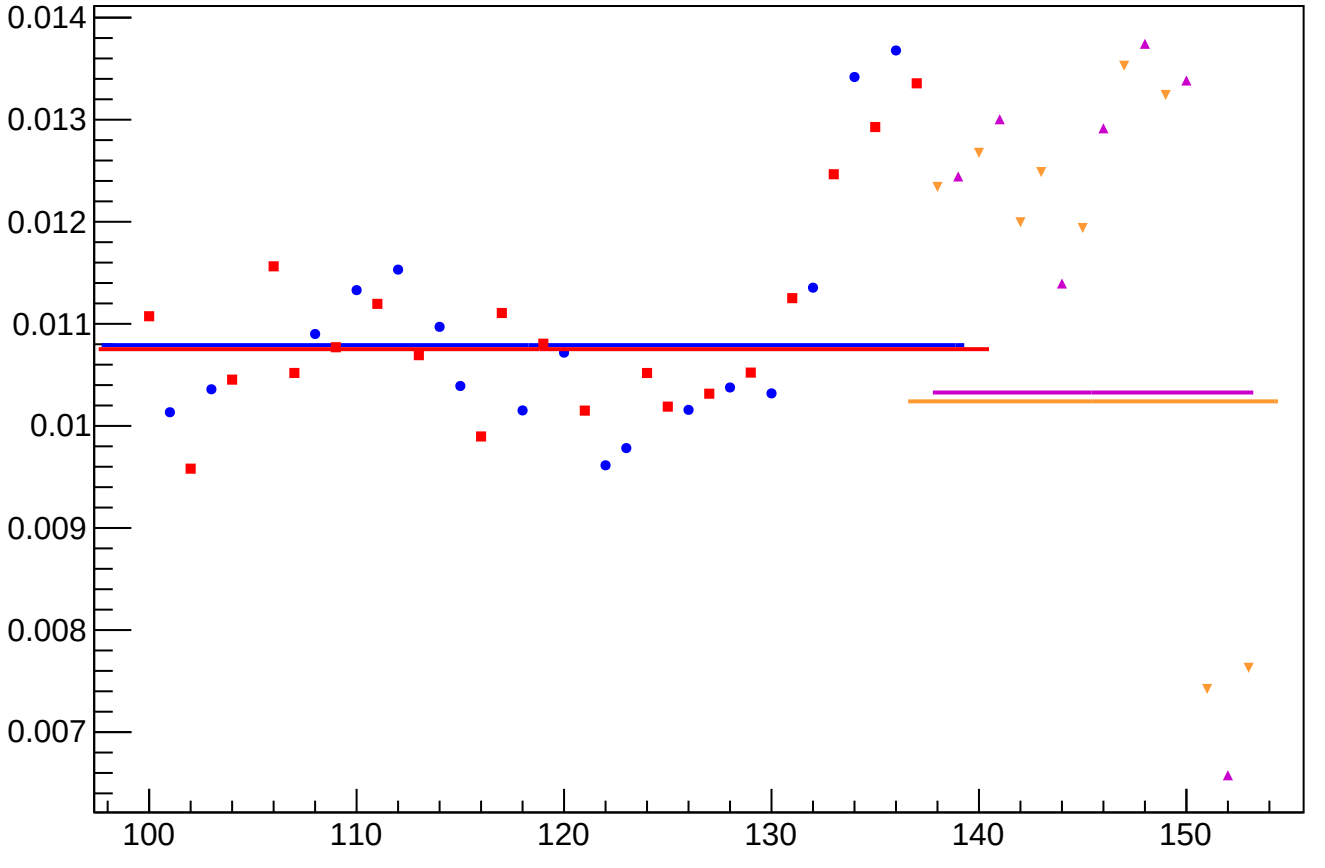
Left Out: -0.064+/-0.000 χ^2/NDF:76650012583.8/8

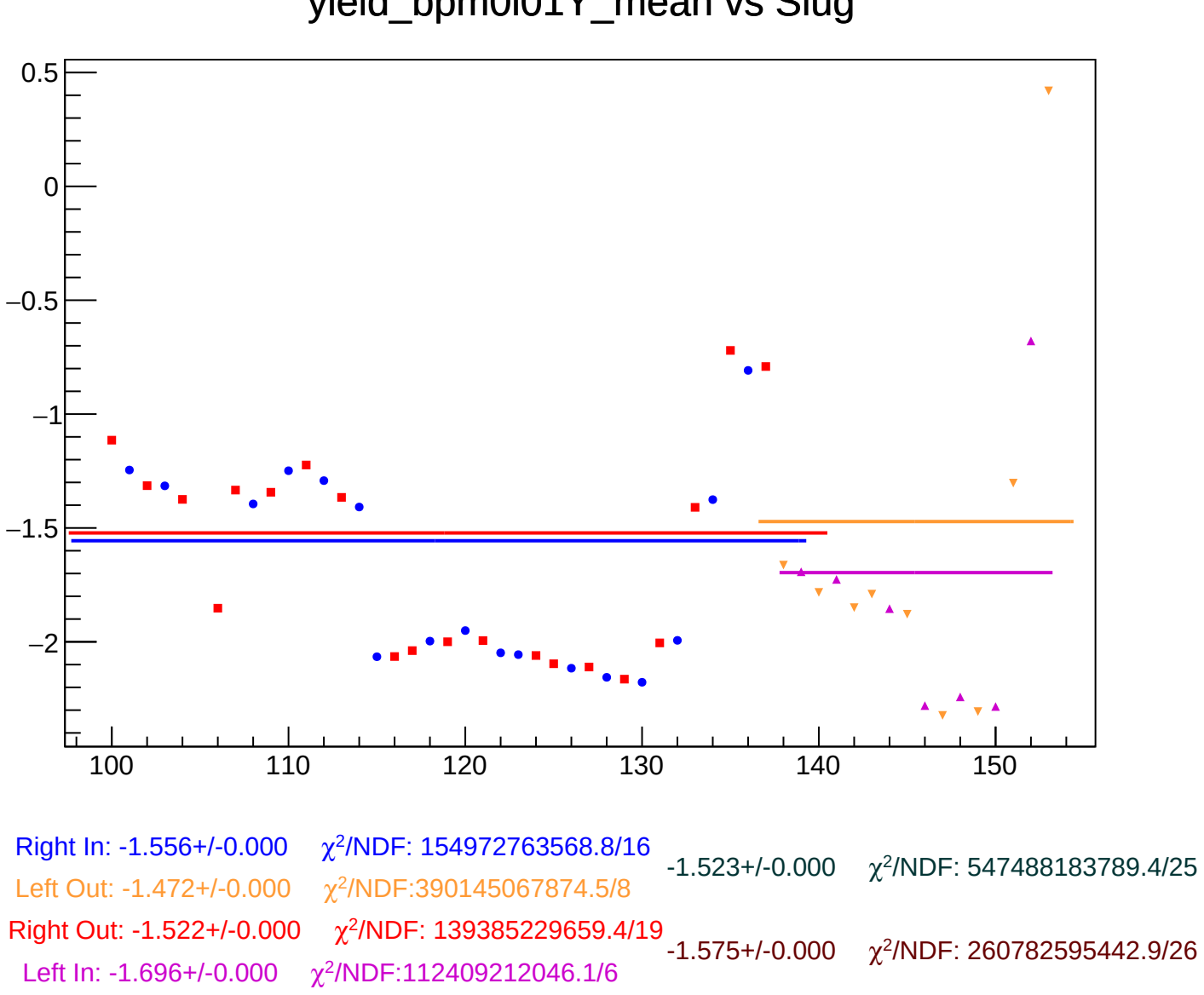
Right Out: -0.796+/-0.000 χ^2/NDF: 7827622544.3/19

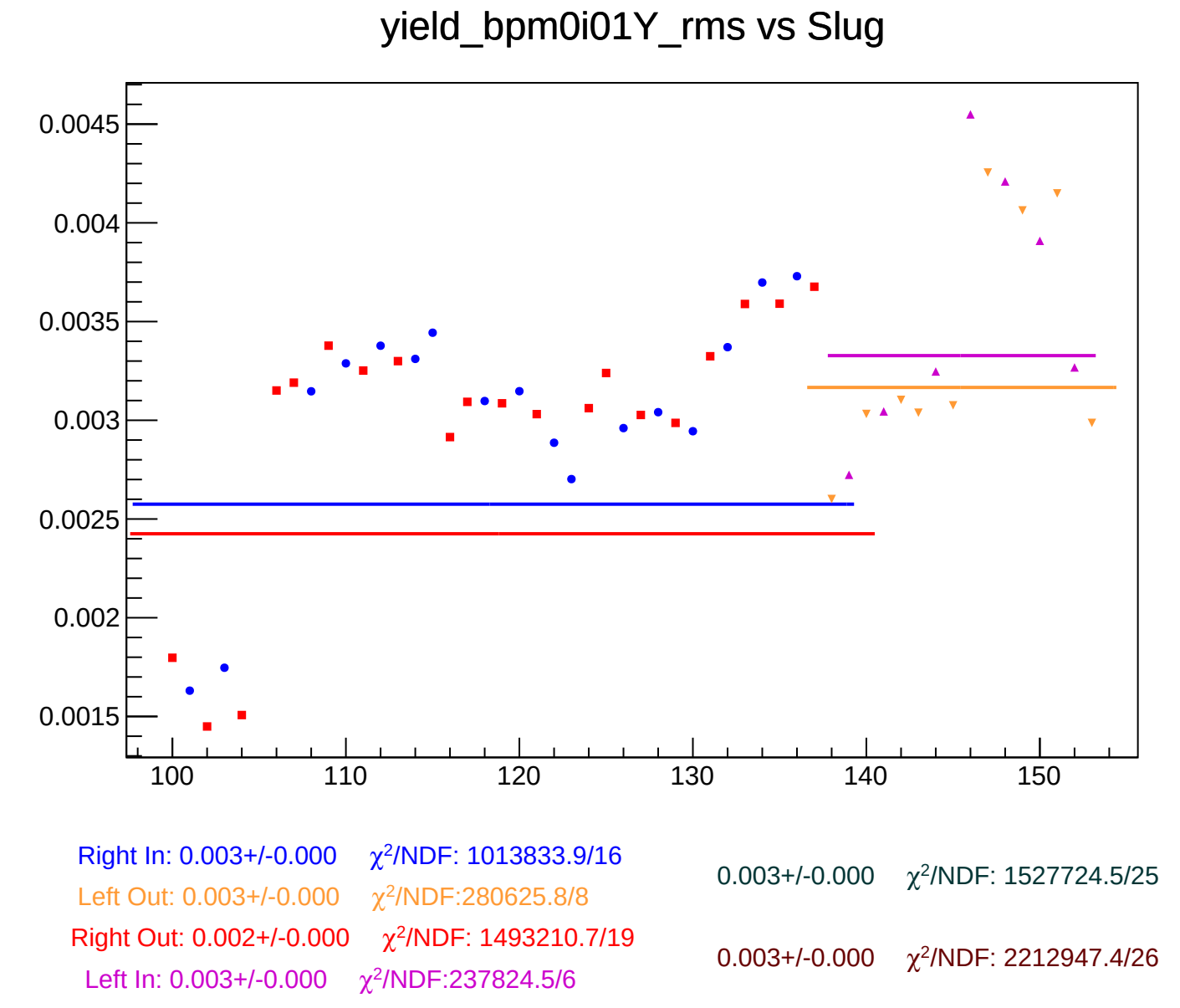
Left In: -0.161+/-0.000 χ^2/NDF:96098601708.7/6

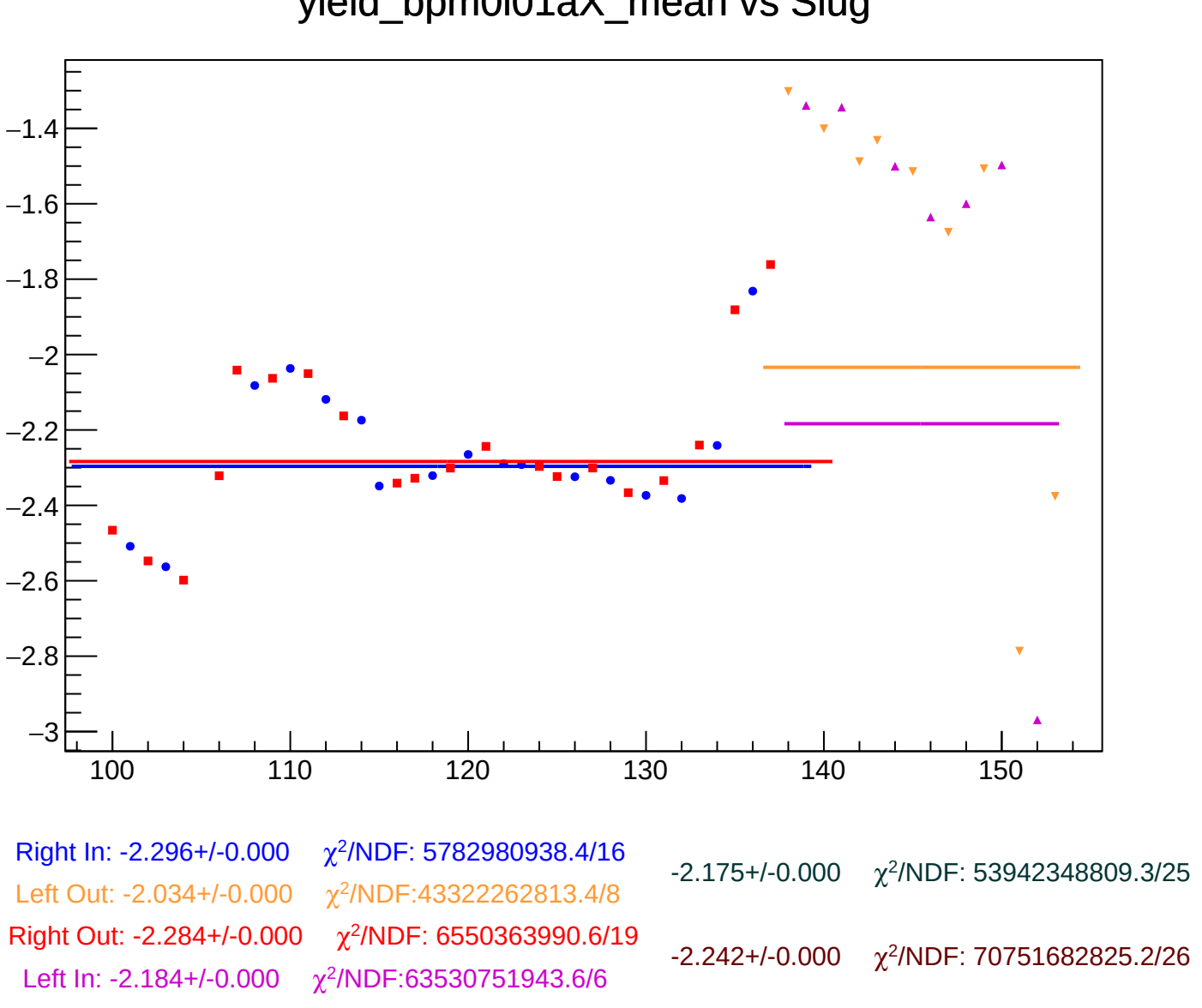
-0.445+/-0.000 χ^2/NDF: 100088766250.2/25

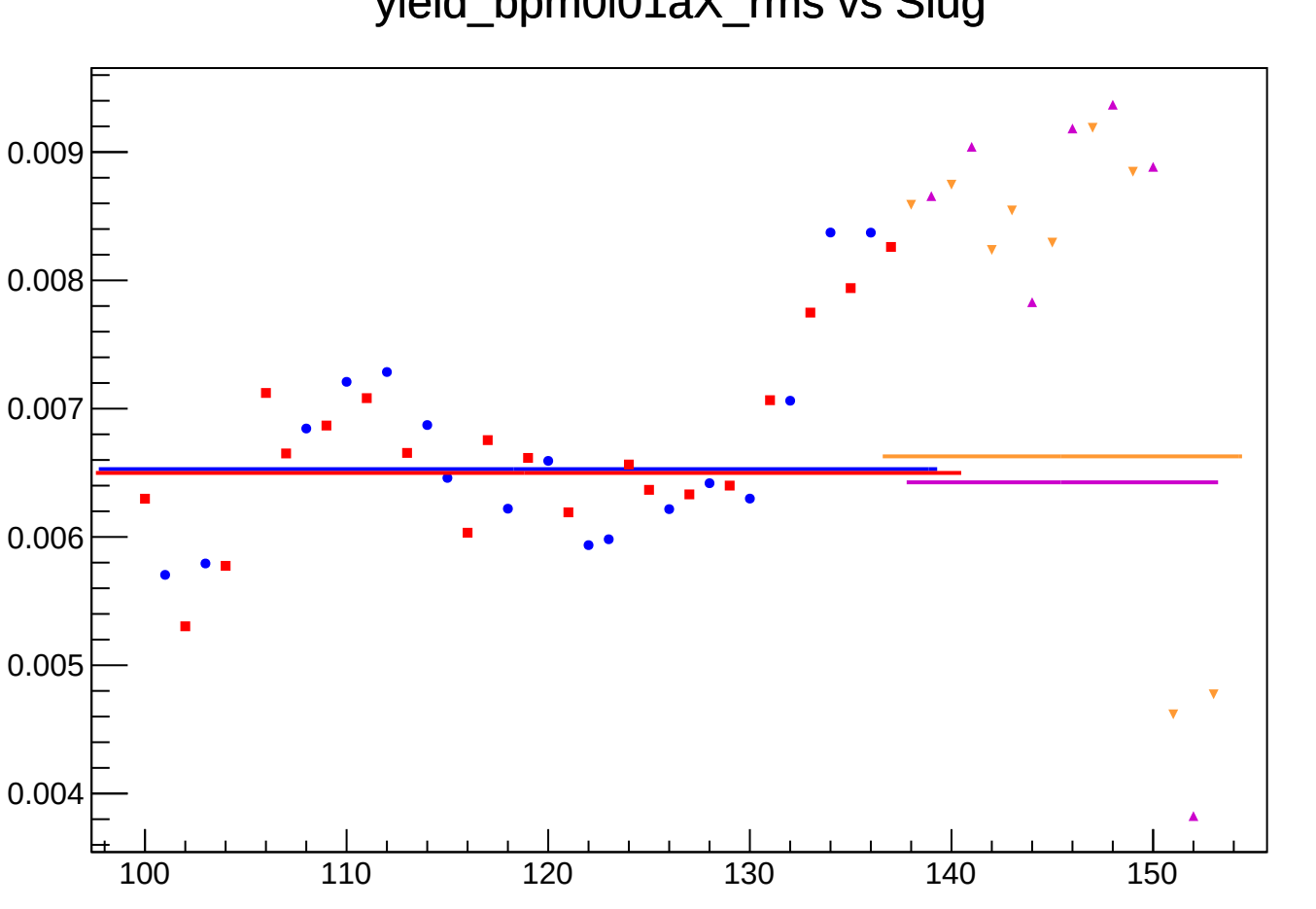
-0.514+/-0.000 χ^2/NDF: 114662558581.5/26

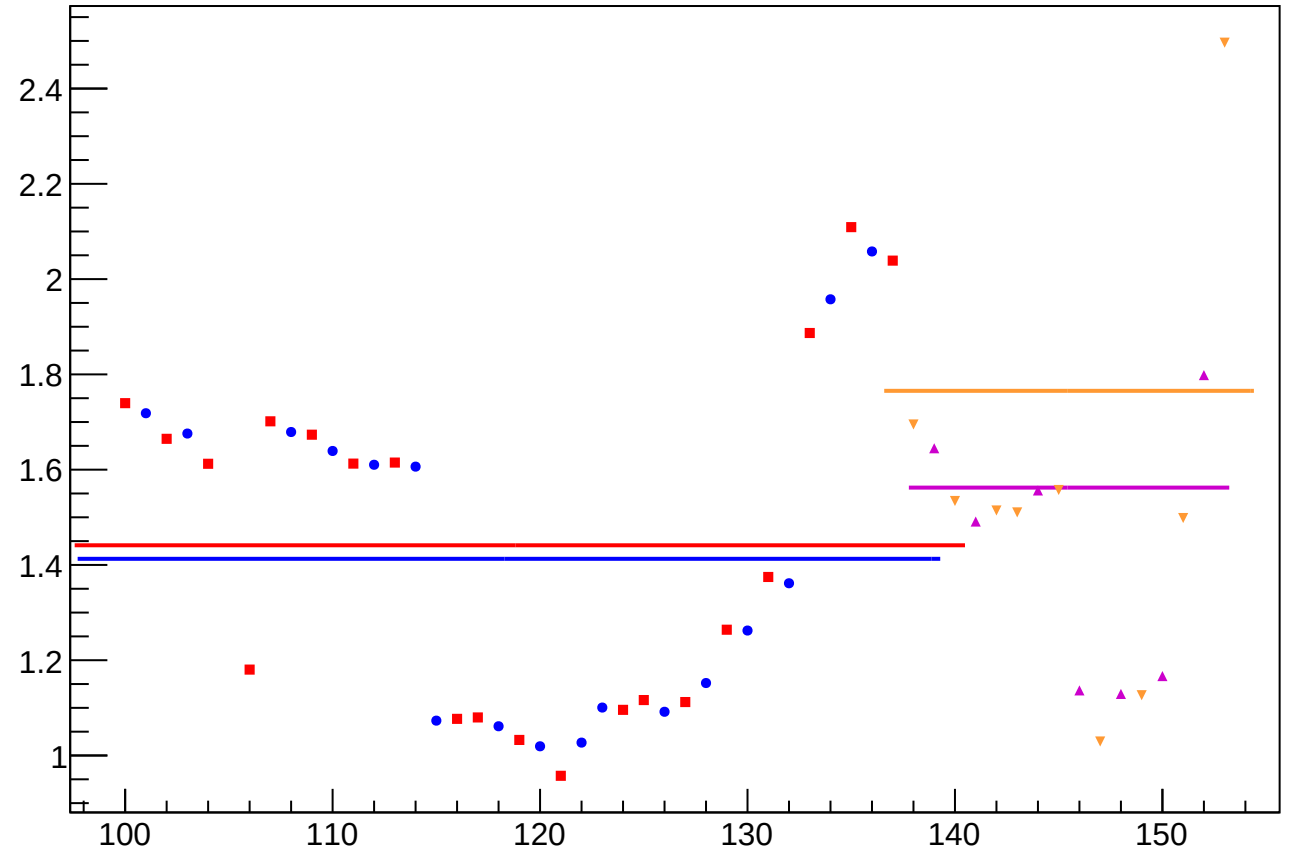

yield_bpm0i01X_rms vs Slug
0.014
0.013
0.012
0.011
0.01
0.009
0.008
0.007
100
110
120
130
140
150
Right In: 0.011+/-0.000 χ²/NDF: 125802.4/16
Left Out: 0.010+/-0.000 χ²/NDF:753614.1/8
Right Out: 0.011+/-0.000 χ²/NDF: 90303.3/19
Left In: 0.010+/-0.000 χ²/NDF:894569.2/6
0.011+/-0.000 χ²/NDF: 896671.9/25
0.011+/-0.000 χ²/NDF: 994472.1/26


yield_bpm0i01Y_mean vs Slug
0.5
0
−0.5
−1
−1.5
−2
100
110
120
130
140
150
Right In: -1.556+/-0.000 χ²/NDF: 154972763568.8/16
Left Out: -1.472+/-0.000 χ²/NDF:390145067874.5/8
Right Out: -1.522+/-0.000 χ²/NDF: 139385229659.4/19
Left In: -1.696+/-0.000 χ²/NDF:112409212046.1/6
-1.523+/-0.000 χ²/NDF: 547488183789.4/25
-1.575+/-0.000 χ²/NDF: 260782595442.9/26


yield_bpm0i01Y_rms vs Slug
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
100
110
120
130
140
150
Right In: 0.003+/-0.000 χ²/NDF: 1013833.9/16
Left Out: 0.003+/-0.000 χ²/NDF:280625.8/8
Right Out: 0.002+/-0.000 χ²/NDF: 1493210.7/19
Left In: 0.003+/-0.000 χ²/NDF:237824.5/6
0.003+/-0.000 χ²/NDF: 1527724.5/25
0.003+/-0.000 χ²/NDF: 2212947.4/26


yield_bpm0i01aX_mean vs Slug
−1.4
−1.6
−1.8
−2
−2.2
−2.4
−2.6
−2.8
−3
100
110
120
130
140
150
Right In: -2.296+/-0.000 χ²/NDF: 5782980938.4/16
Left Out: -2.034+/-0.000 χ²/NDF:43322262813.4/8
Right Out: -2.284+/-0.000 χ²/NDF: 6550363990.6/19
Left In: -2.184+/-0.000 χ²/NDF:63530751943.6/6
-2.175+/-0.000 χ²/NDF: 53942348809.3/25
-2.242+/-0.000 χ²/NDF: 70751682825.2/26


yield_bpm0i01aX_rms vs Slug
0.009
0.008
0.007
0.006
0.005
0.004
100
110
120
130
140
150
Right In: 0.007+/-0.000 χ²/NDF: 176467.7/16
Left Out: 0.007+/-0.000 χ²/NDF:1027148.6/8
Right Out: 0.006+/-0.000 χ²/NDF: 164253.8/19
Left In: 0.006+/-0.000 χ²/NDF:1413728.5/6
0.007+/-0.000 χ²/NDF: 1205007.4/25
0.006+/-0.000 χ²/NDF: 1578700.8/26



Right In: 1.413+/-0.000 χ^2/NDF: 172560306608.0/16

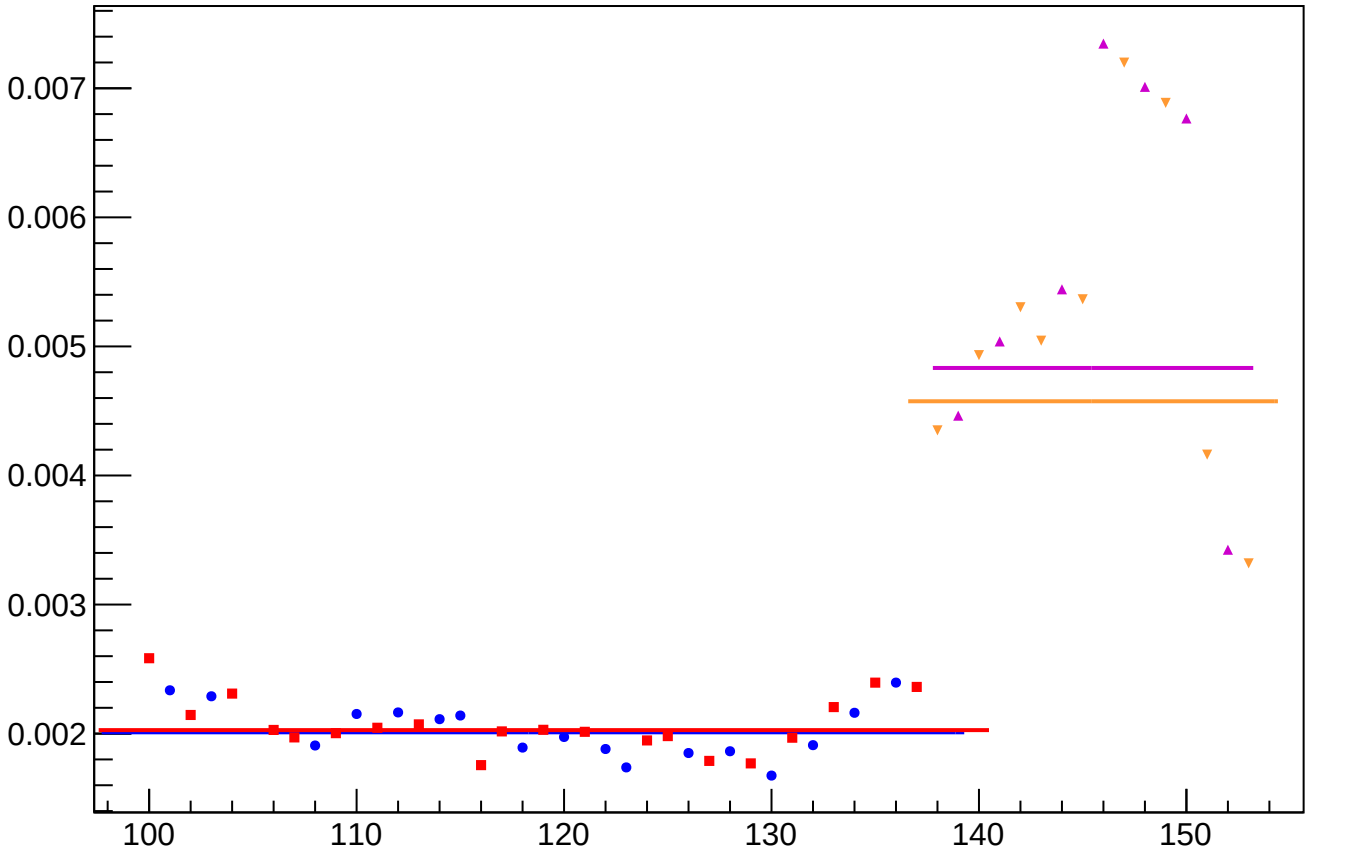
Left Out: 1.765+/-0.000 χ^2/NDF:57798584037.8/8

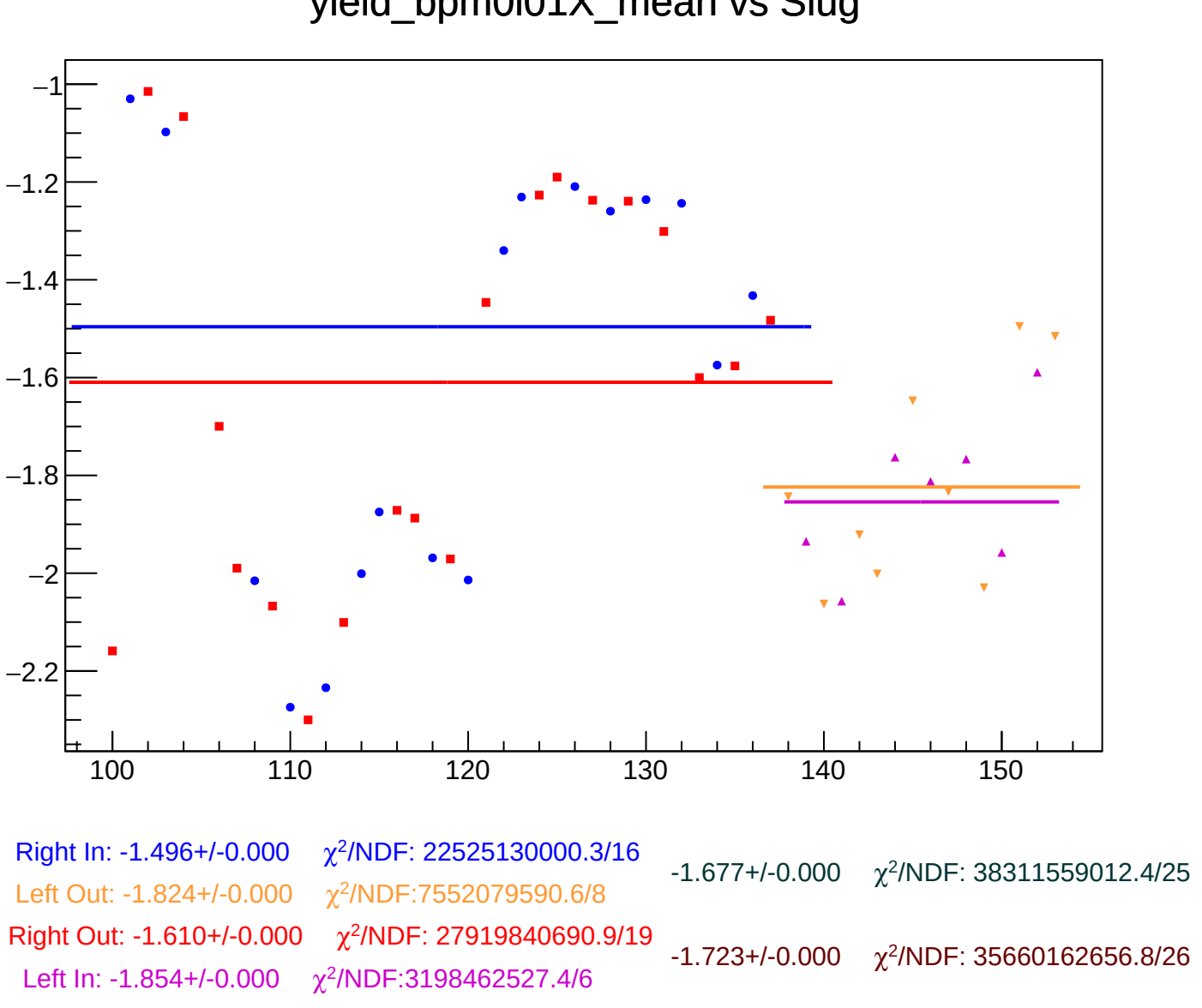
Right Out: 1.441+/-0.000 χ^2/NDF: 174346888744.4/19

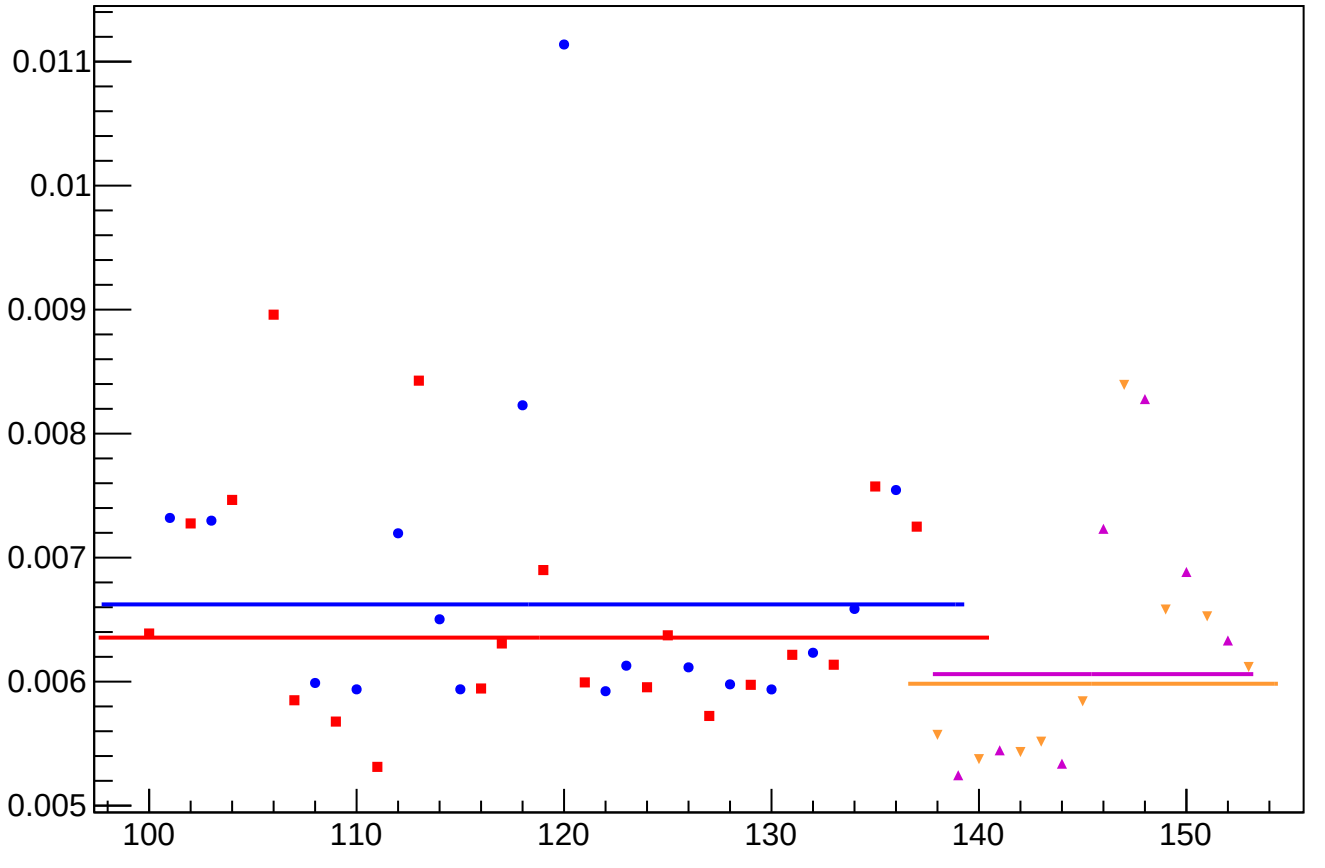
Left In: 1.562+/-0.000 χ^2/NDF:11036070528.7/6

1.465+/-0.000 χ^2/NDF: 258474762501.3/25

1.455+/-0.000 χ^2/NDF: 187998435087.5/26


yield_bpm0i01aY_rms vs Slug
0.007
0.006
0.005
0.004
0.003
0.002
100
110
120
130
140
150
Right In: 0.002+/-0.000 χ²/NDF: 152530.4/16
Left Out: 0.005+/-0.000 χ²/NDF:606058.1/8
Right Out: 0.002+/-0.000 χ²/NDF: 103927.8/19
Left In: 0.005+/-0.000 χ²/NDF:676064.6/6
0.002+/-0.000 χ²/NDF: 3733351.7/25
0.002+/-0.000 χ²/NDF: 3589500.8/26


yield_bpm0l01X_mean vs Slug
−1
−1.2
−1.4
−1.6
−1.8
−2
−2.2
100
110
120
130
140
150
Right In: -1.496+/-0.000 χ²/NDF: 22525130000.3/16
Left Out: -1.824+/-0.000 χ²/NDF:7552079590.6/8
Right Out: -1.610+/-0.000 χ²/NDF: 27919840690.9/19
Left In: -1.854+/-0.000 χ²/NDF:3198462527.4/6
-1.677+/-0.000 χ²/NDF: 38311559012.4/25
-1.723+/-0.000 χ²/NDF: 35660162656.8/26



Right In: 0.007+/-0.000 χ^2/NDF: 232630.4/16

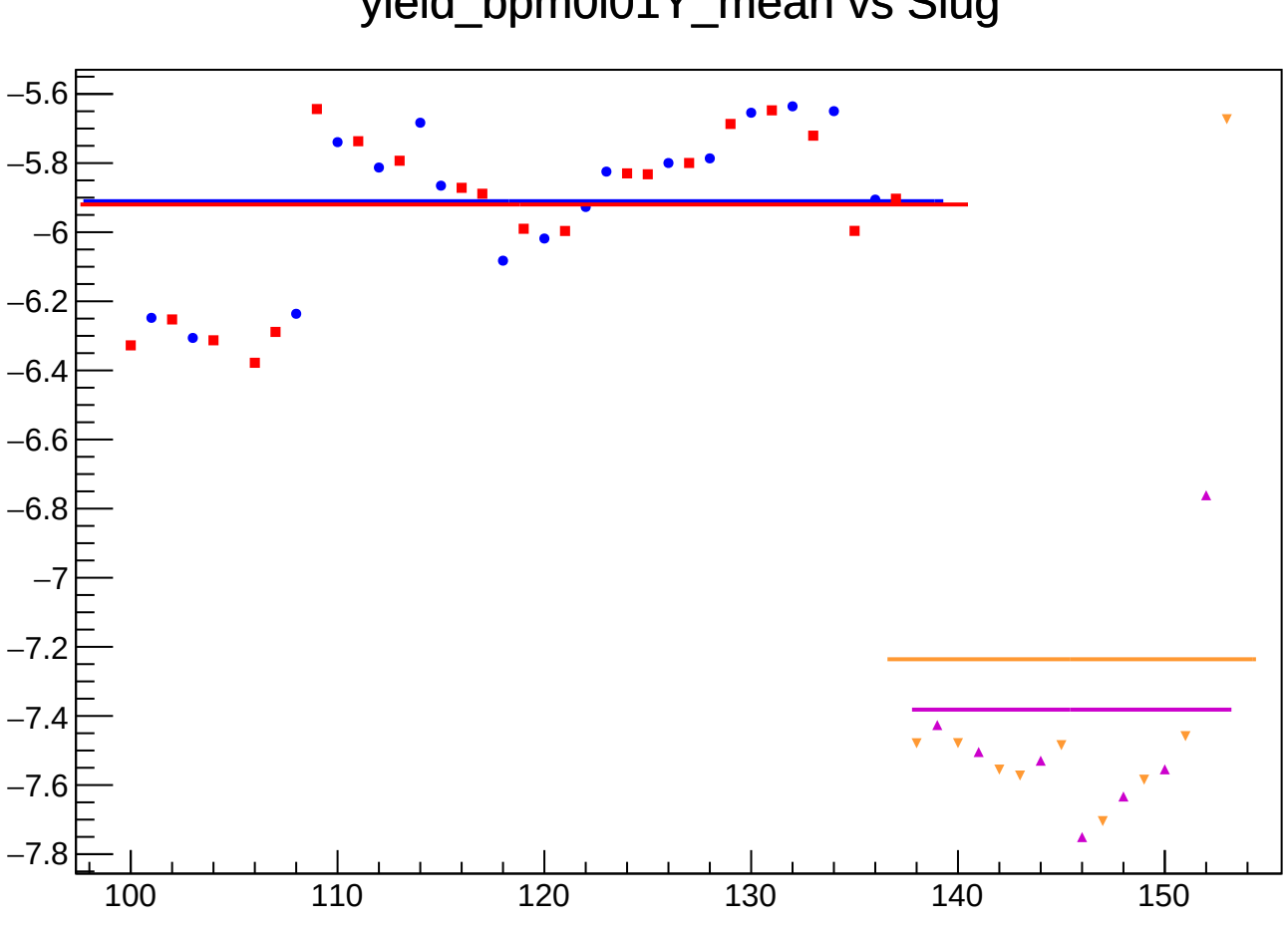
Left Out: 0.006+/-0.000 χ^2/NDF:184677.0/8

Right Out: 0.006+/-0.000 χ^2/NDF: 227865.9/19

Left In: 0.006+/-0.000 χ^2/NDF:247908.1/6

0.006+/-0.000 χ^2/NDF: 480090.7/25

0.006+/-0.000 χ^2/NDF: 488926.7/26



Right In: -5.910+/-0.000 χ^2/NDF: 11154434512.7/16

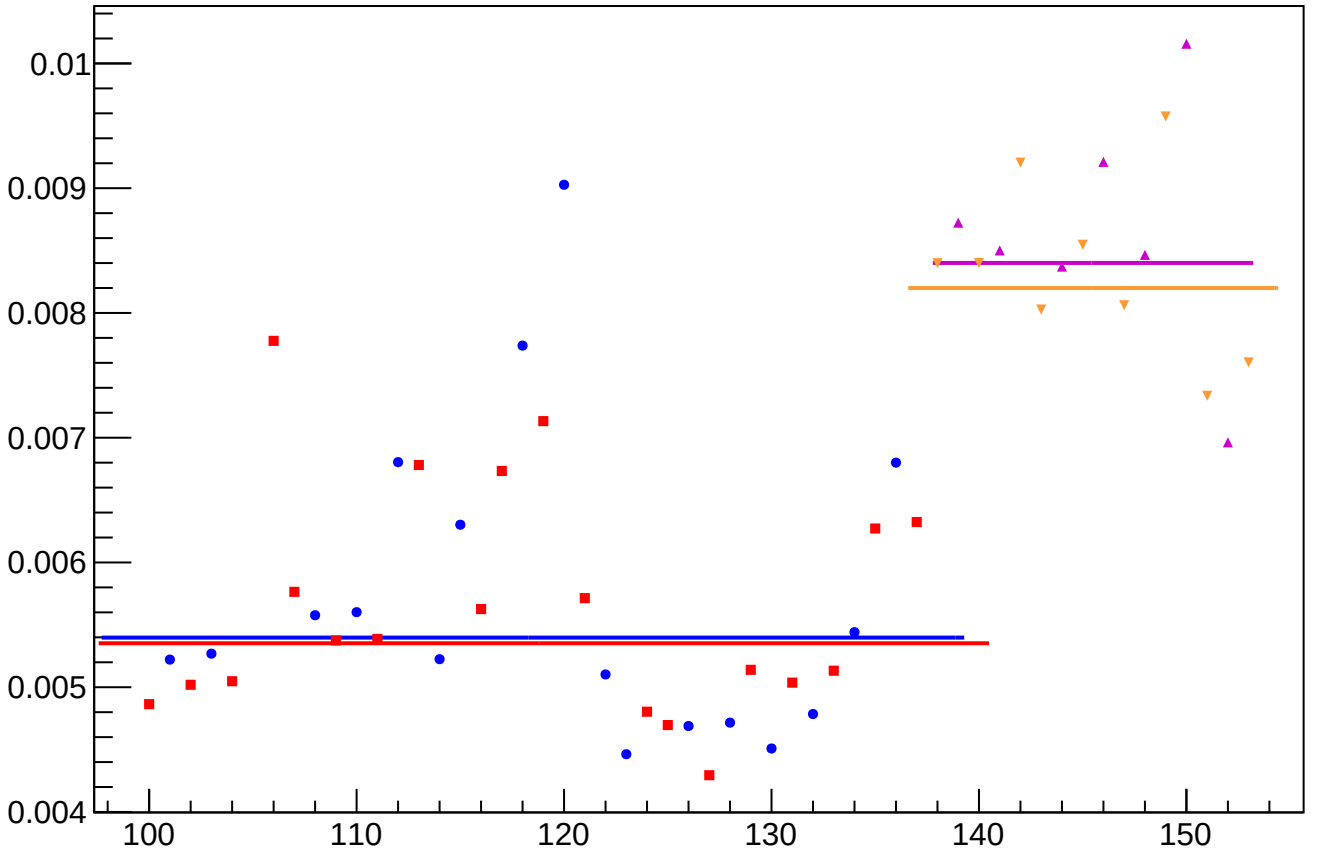
Left Out: -7.236+/-0.000 χ^2/NDF:38255060169.9/8

Right Out: -5.920+/-0.000 χ^2/NDF: 12786449843.6/19

Left In: -7.382+/-0.000 χ^2/NDF:8118401869.9/6

-6.288+/-0.000 χ^2/NDF: 150912947214.9/25

-6.259+/-0.000 χ^2/NDF: 131934947014.0/26



Right In: 0.005+/-0.000 χ^2/NDF: 371347.4/16

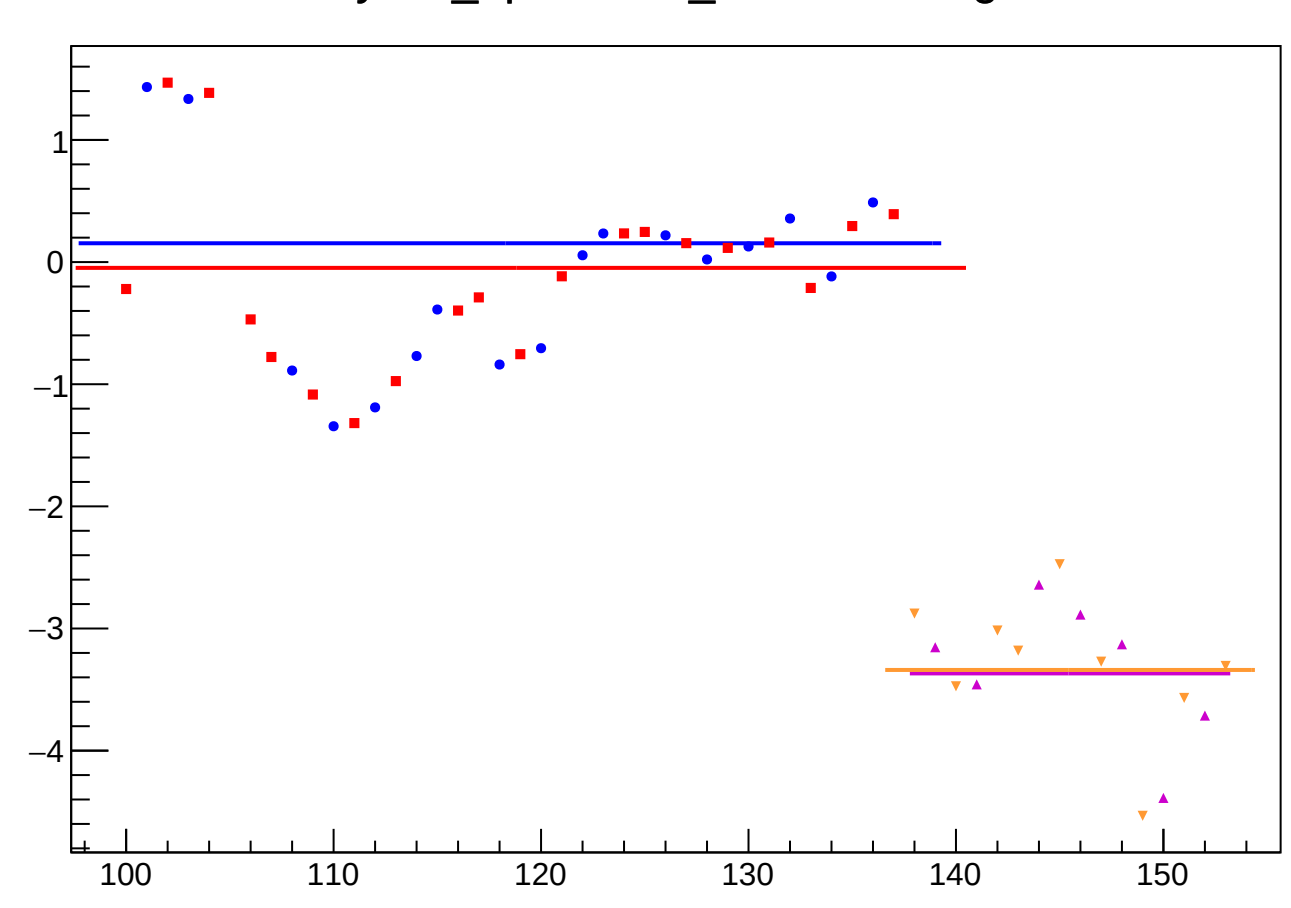
Left Out: 0.008+/-0.000 χ^2/NDF:67865.6/8

Right Out: 0.005+/-0.000 χ^2/NDF: 252664.1/19

Left In: 0.008+/-0.000 χ^2/NDF:118512.7/6

0.006+/-0.000 χ^2/NDF: 1346035.2/25

0.006+/-0.000 χ^2/NDF: 1336819.4/26



Right In: 0.154+/-0.000 χ^2/NDF: 16988256953.8/16

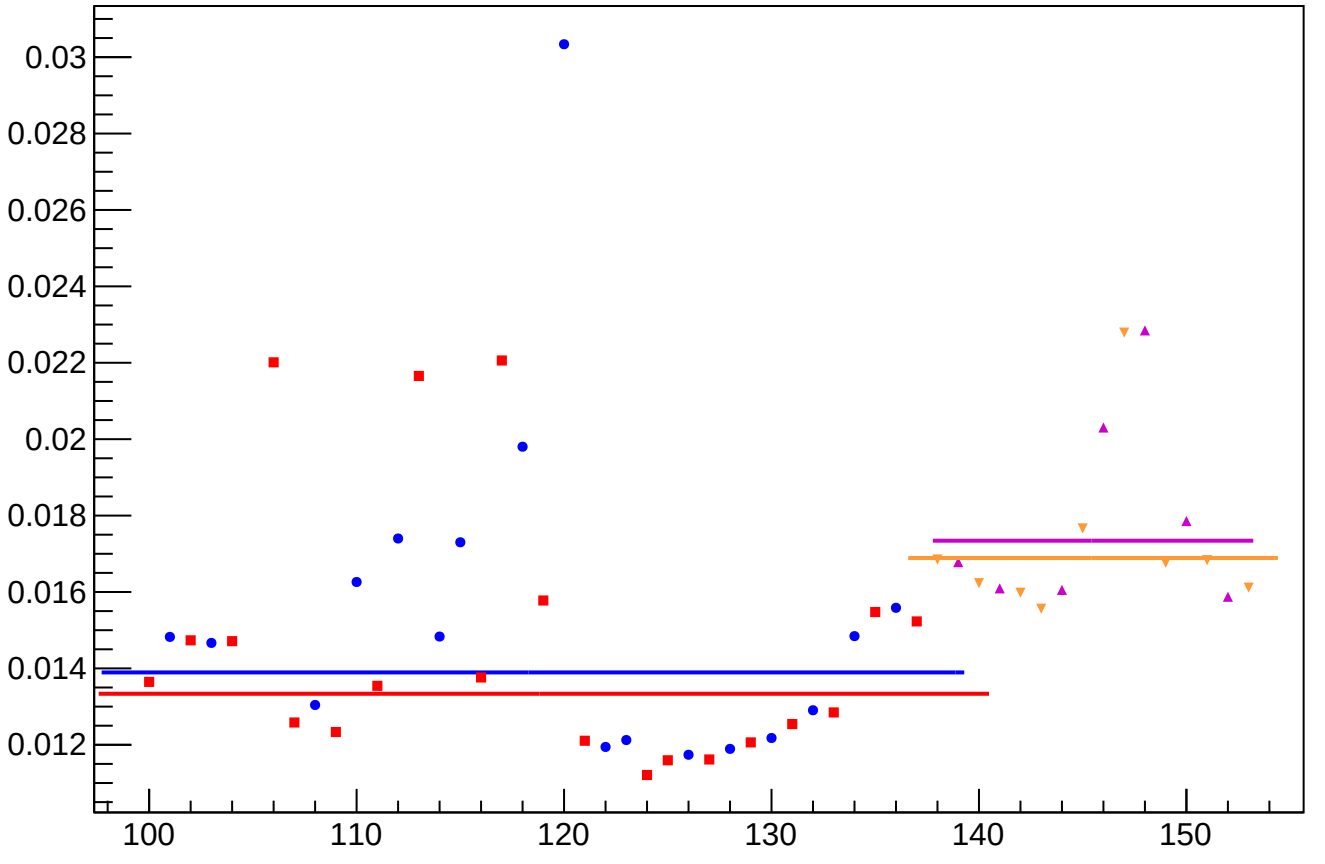
Left Out: -3.339+/-0.000 χ^2/NDF:6542900374.5/8

Right Out: -0.047+/-0.000 χ^2/NDF: 21216074494.2/19

Left In: -3.368+/-0.000 χ^2/NDF:5283730473.1/6

-1.288+/-0.000 χ^2/NDF: 178009916956.3/25

-1.121+/-0.000 χ^2/NDF: 156629488484.9/26



Right In: 0.014+/-0.000 χ^2/NDF: 400569.4/16

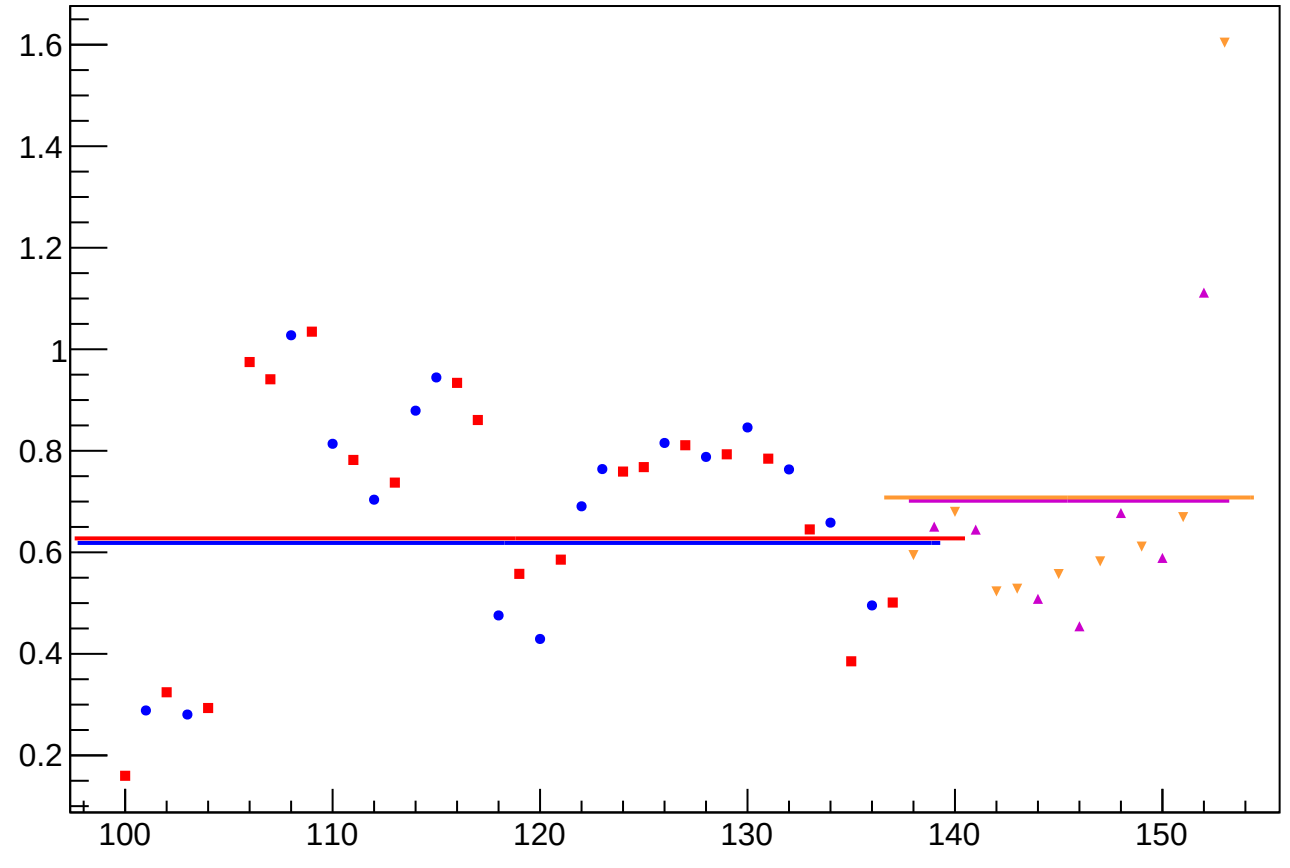
Left Out: 0.017+/-0.000 χ^2/NDF:115528.5/8

Right Out: 0.013+/-0.000 χ^2/NDF: 303459.9/19

Left In: 0.017+/-0.000 χ^2/NDF:150761.5/6

0.015+/-0.000 χ^2/NDF: 743341.3/25

0.015+/-0.000 χ^2/NDF: 833163.8/26



Right In: 0.619+/-0.000 χ^2/NDF: 5416939288.1/16

Left Out: 0.708+/-0.000 χ^2/NDF:10306673004.4/8

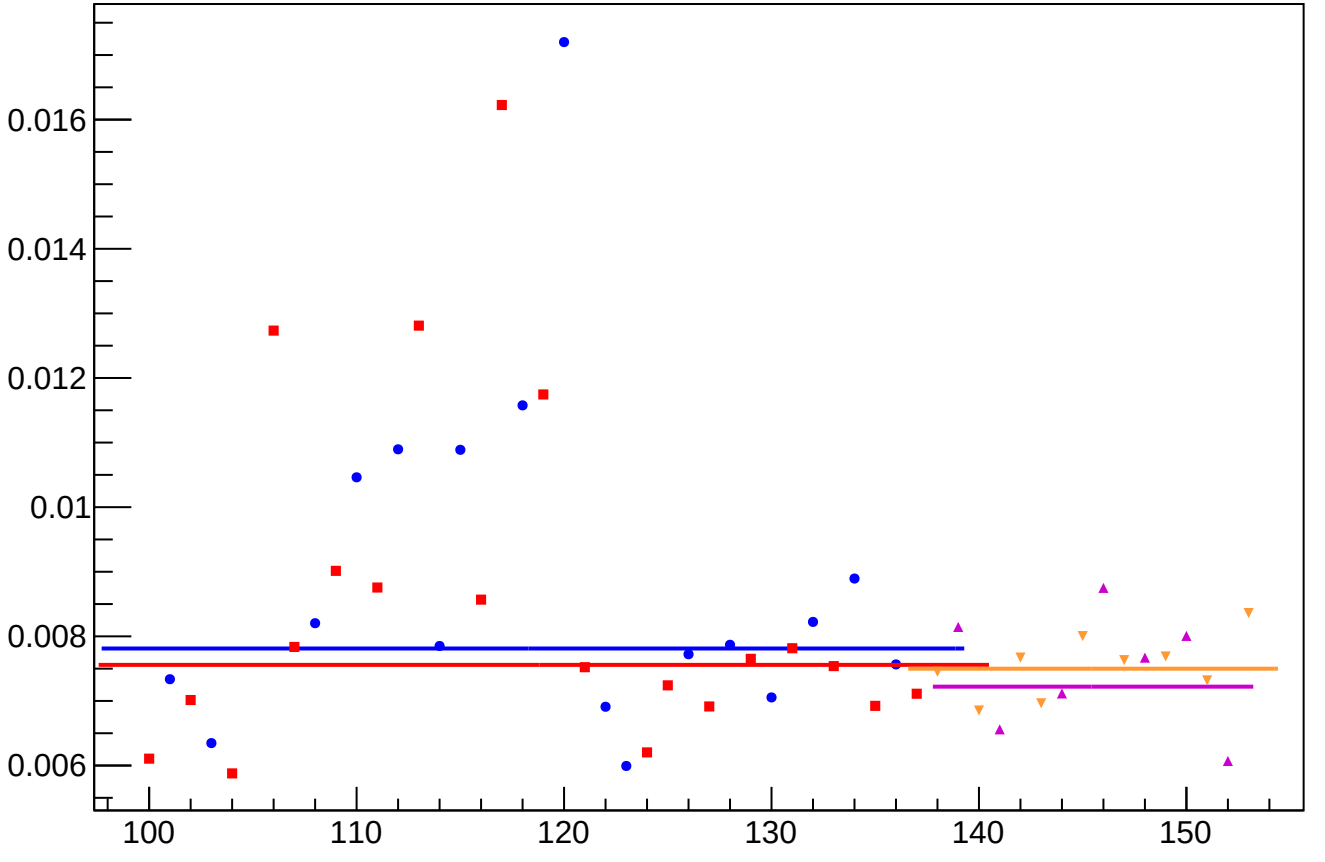
Right Out: 0.627+/-0.000 χ^2/NDF: 6345684740.0/19

Left In: 0.702+/-0.000 χ^2/NDF:4861876226.0/6

0.666+/-0.000 χ^2/NDF: 16124695927.9/25

0.663+/-0.000 χ^2/NDF: 11492183162.7/26

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 466827.3/16

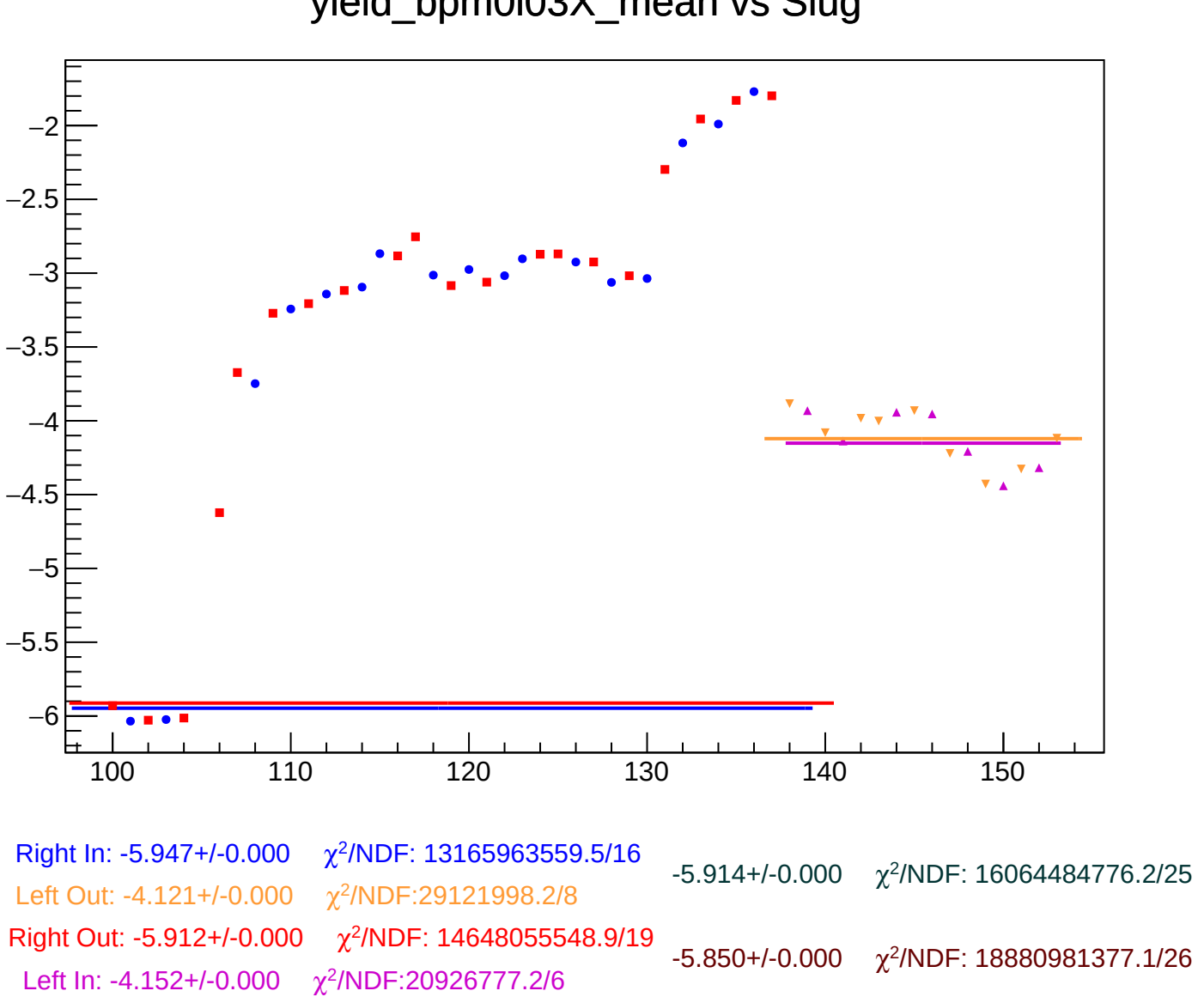
Left Out: 0.007+/-0.000 χ^2/NDF:44633.8/8

Right Out: 0.008+/-0.000 χ^2/NDF: 463232.7/19

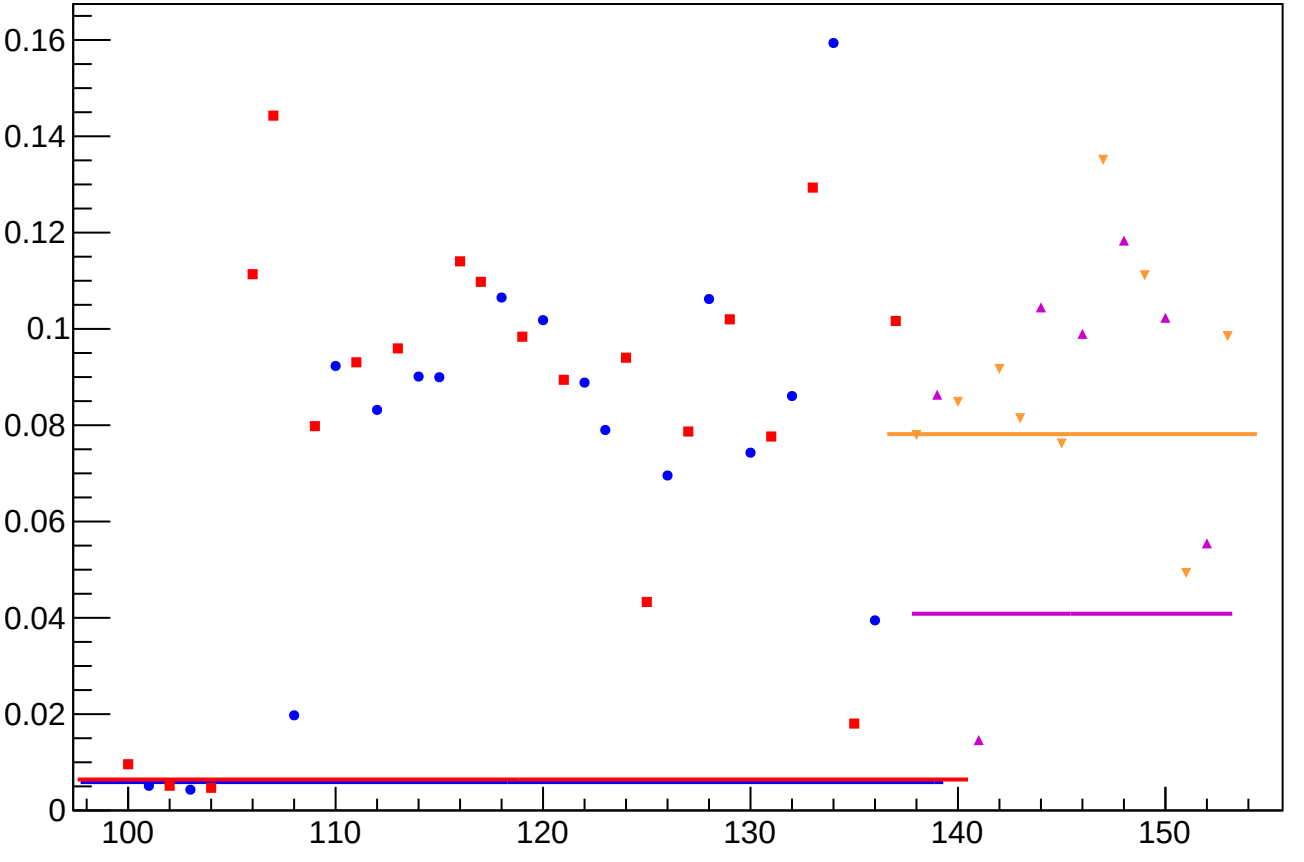
Left In: 0.007+/-0.000 χ^2/NDF:149864.0/6

0.008+/-0.000 χ^2/NDF: 521246.1/25

0.007+/-0.000 χ^2/NDF: 624852.5/26


yield_bpm0l03X_mean vs Slug
−2
−2.5
−3
−3.5
−4
−4.5
−5
−5.5
−6
100
110
120
130
140
150
Right In: -5.947+/-0.000 χ²/NDF: 13165963559.5/16
Left Out: -4.121+/-0.000 χ²/NDF:29121998.2/8
Right Out: -5.912+/-0.000 χ²/NDF: 14648055548.9/19
Left In: -4.152+/-0.000 χ²/NDF:20926777.2/6
-5.914+/-0.000 χ²/NDF: 16064484776.2/25
-5.850+/-0.000 χ²/NDF: 18880981377.1/26

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 7934545.2/16

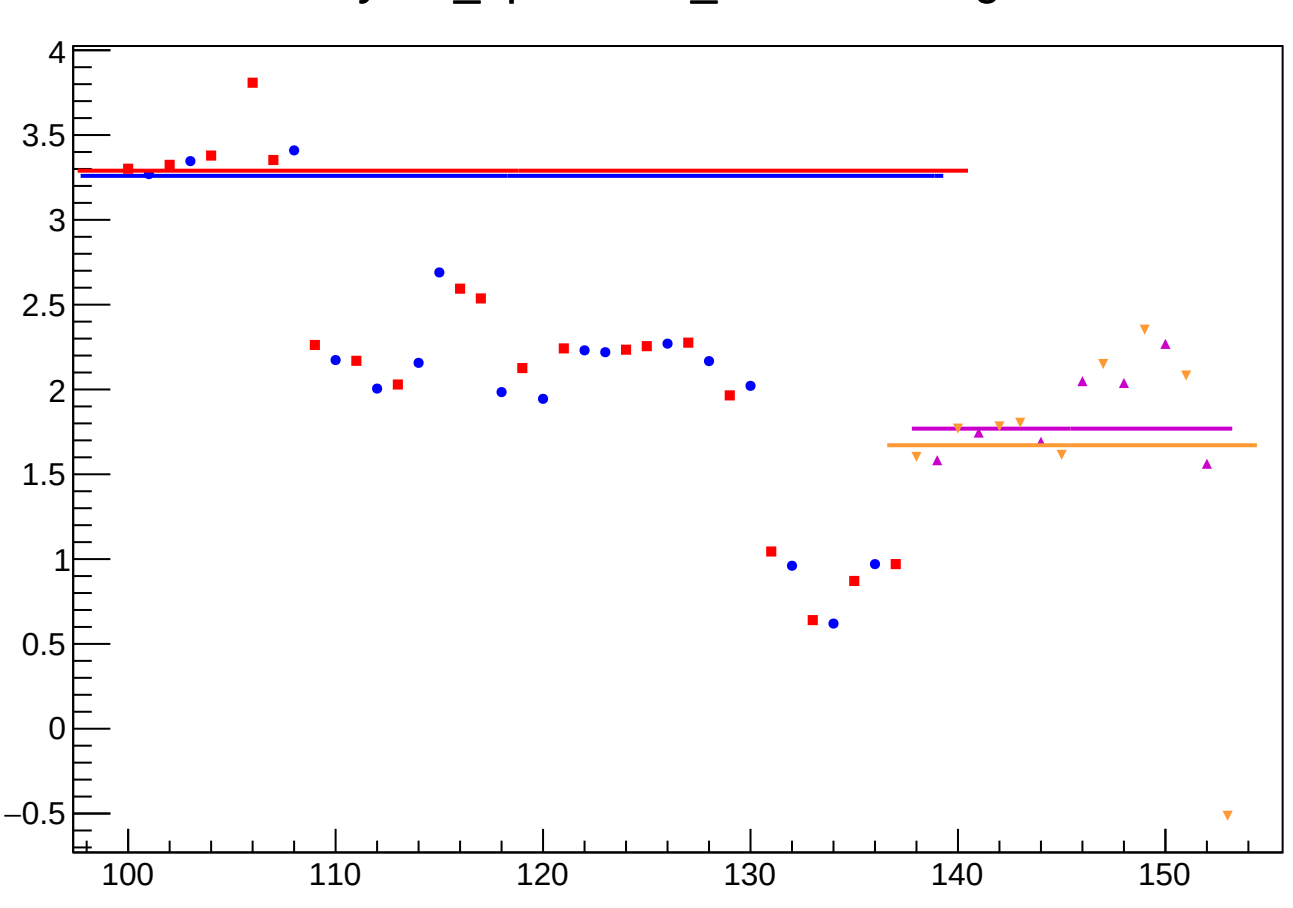
Left Out: 0.078+/-0.000 χ^2/NDF:852409.9/8

Right Out: 0.006+/-0.000 χ^2/NDF: 8558731.2/19

Left In: 0.041+/-0.000 χ^2/NDF:3751621.9/6

0.007+/-0.000 χ^2/NDF: 17774986.8/25

0.008+/-0.000 χ^2/NDF: 15531723.1/26



Right In: 3.259+/-0.000 χ^2/NDF: 2921931976.8/16

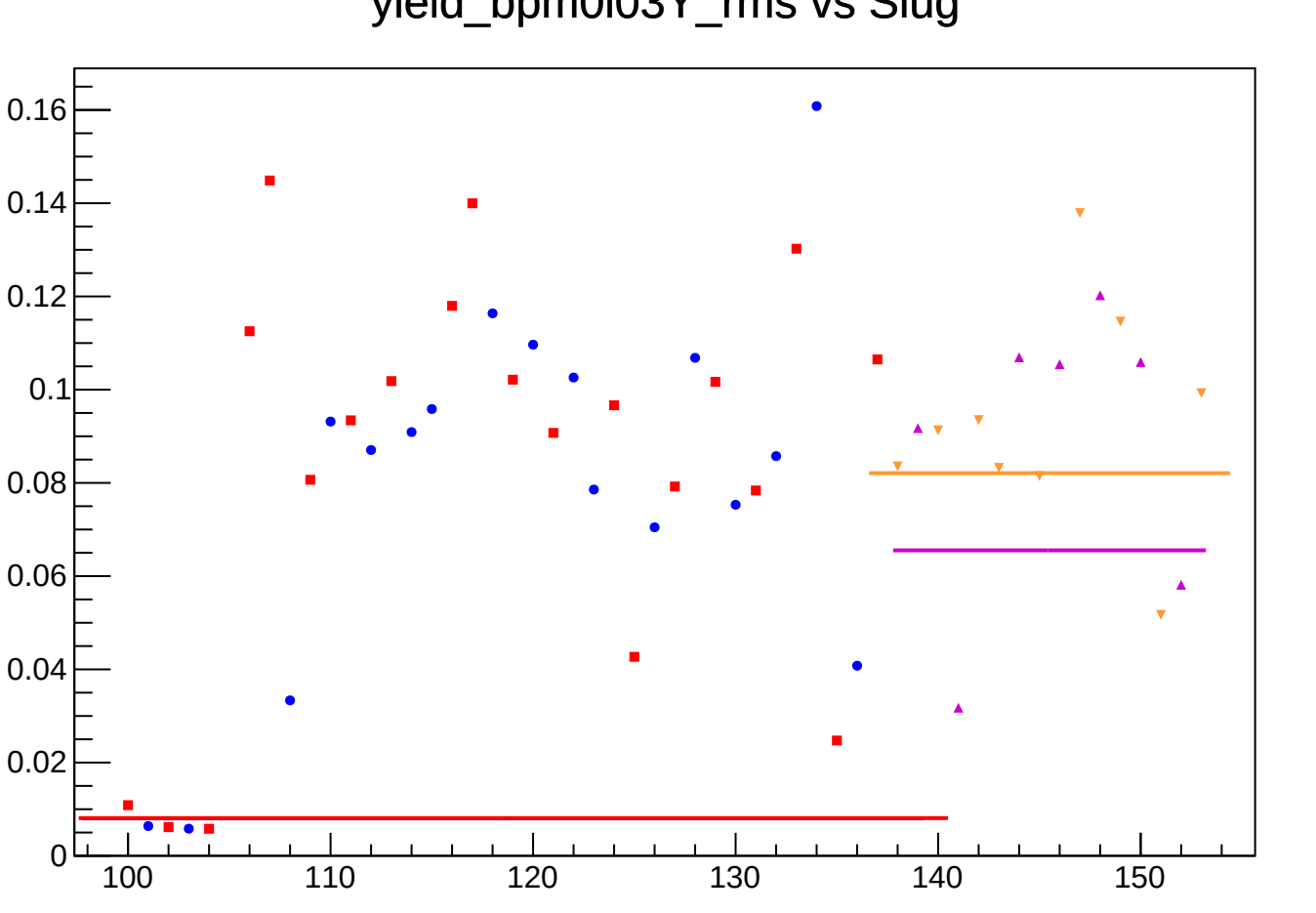
Left Out: 1.671+/-0.000 χ^2/NDF:413143018.1/8

Right Out: 3.290+/-0.000 χ^2/NDF: 3263300926.6/19

Left In: 1.769+/-0.000 χ^2/NDF:35214287.1/6

3.217+/-0.000 χ^2/NDF: 5294278674.7/25

3.245+/-0.000 χ^2/NDF: 5125713380.5/26



Right In: 0.008+/-0.000 χ^2/NDF: 7742048.1/16

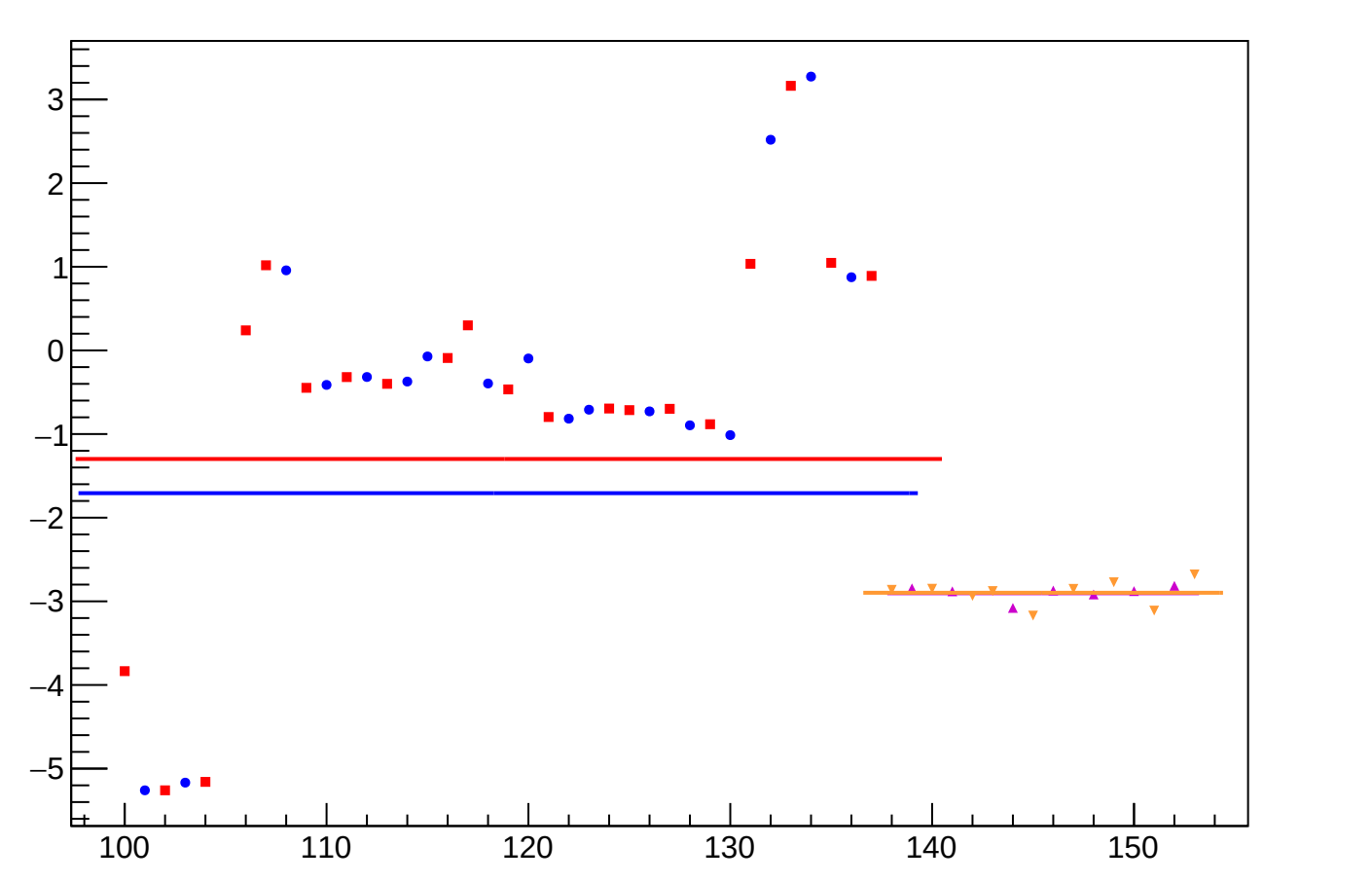
Left Out: 0.082+/-0.000 χ^2/NDF:798252.9/8

Right Out: 0.008+/-0.000 χ^2/NDF: 8375005.0/19

Left In: 0.066+/-0.000 χ^2/NDF:1765917.7/6

0.010+/-0.000 χ^2/NDF: 17057985.6/25

0.010+/-0.000 χ^2/NDF: 15354528.9/26



Right In: -1.707+/-0.000 χ^2/NDF: 166125579390.4/16

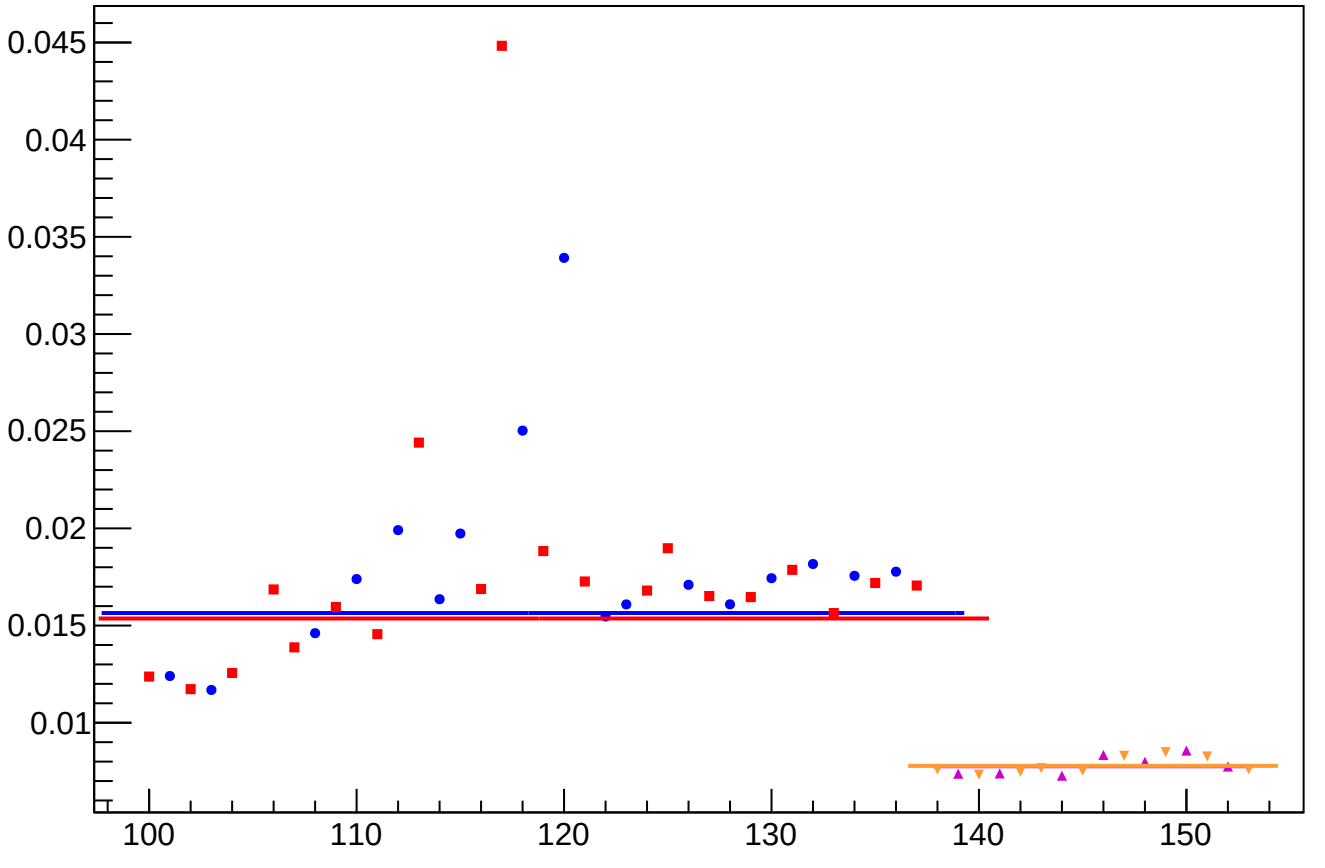
Left Out: -2.897+/-0.000 χ^2/NDF:2349453061.1/8

Right Out: -1.298+/-0.000 χ^2/NDF: 178085926993.4/19

Left In: -2.904+/-0.000 χ^2/NDF:654832308.4/6

-2.682+/-0.000 χ^2/NDF: 195057935422.4/25

-2.541+/-0.000 χ^2/NDF: 231311352665.4/26



Right In: 0.016+/-0.000 χ^2/NDF: 578244.3/16

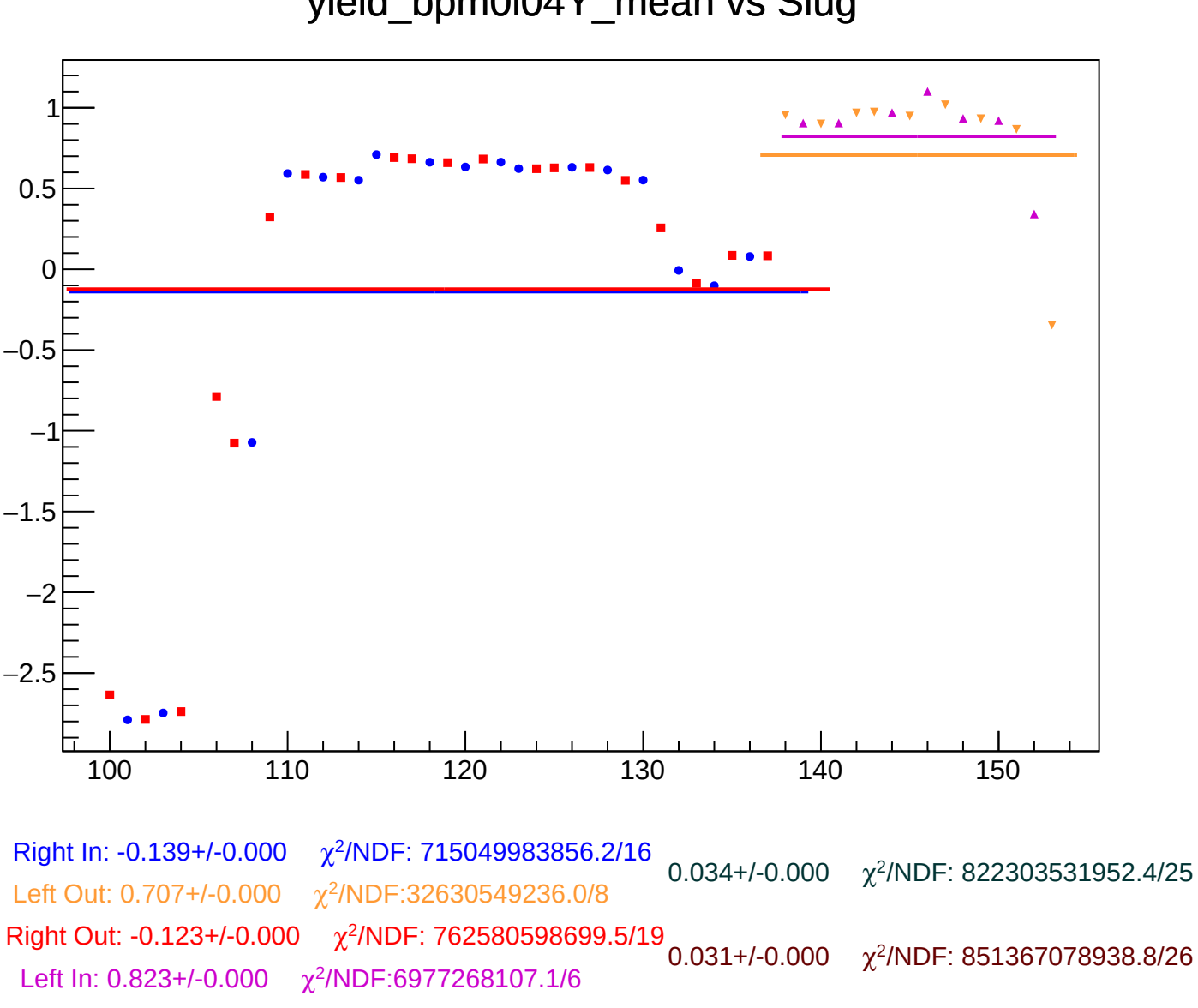
Left Out: 0.008+/-0.000 χ^2/NDF:32509.2/8

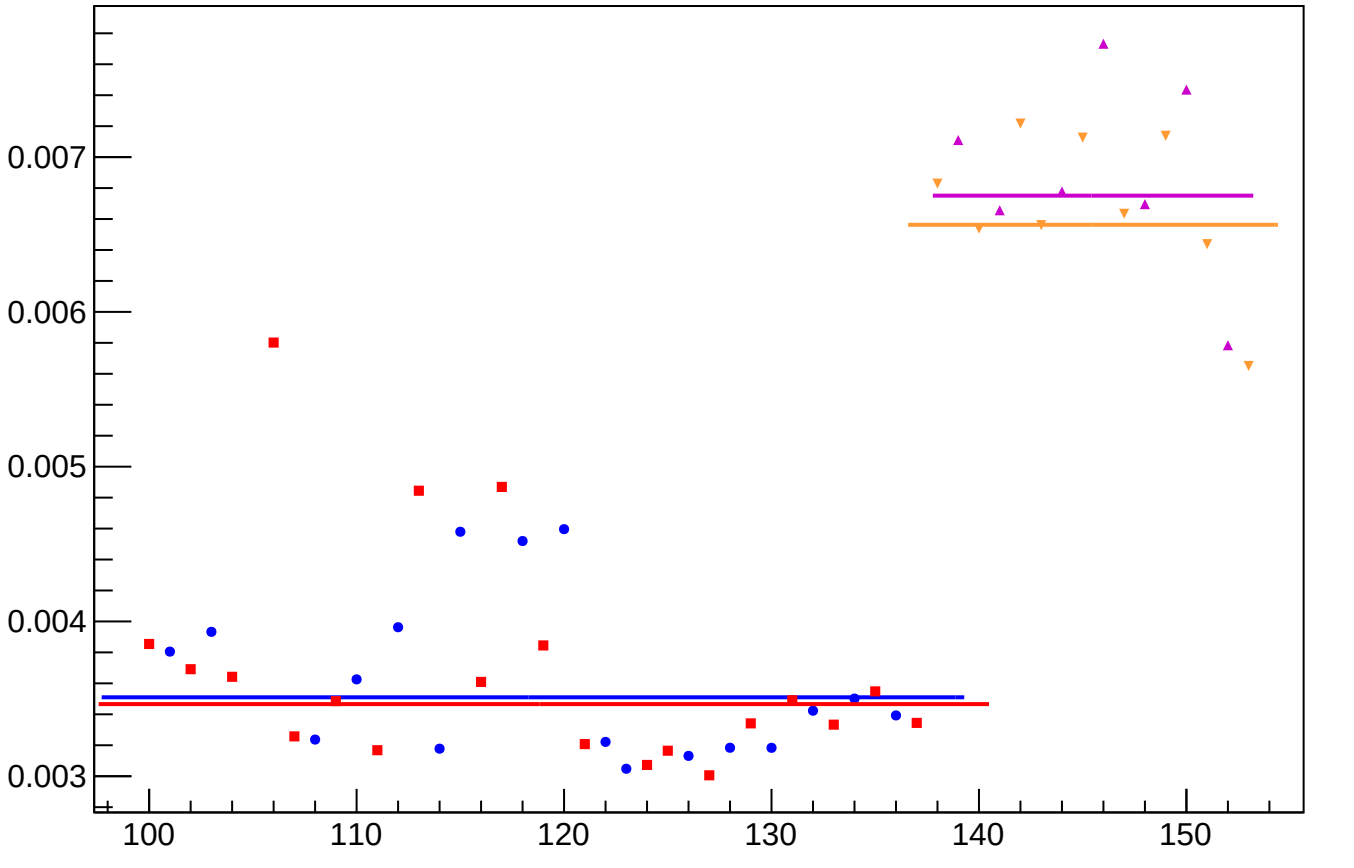
Right Out: 0.015+/-0.000 χ^2/NDF: 387283.2/19

Left In: 0.008+/-0.000 χ^2/NDF:38331.8/6

0.009+/-0.000 χ^2/NDF: 2929655.2/25

0.009+/-0.000 χ^2/NDF: 2783132.9/26


yield_bpm0l04Y_mean vs Slug
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
100
110
120
130
140
150
Right In: -0.139+/-0.000 χ²/NDF: 715049983856.2/16
Left Out: 0.707+/-0.000 χ²/NDF:32630549236.0/8
Right Out: -0.123+/-0.000 χ²/NDF: 762580598699.5/19
Left In: 0.823+/-0.000 χ²/NDF:6977268107.1/6
0.034+/-0.000 χ²/NDF: 822303531952.4/25
0.031+/-0.000 χ²/NDF: 851367078938.8/26



Right In: 0.004+/-0.000 χ^2/NDF: 171337.9/16

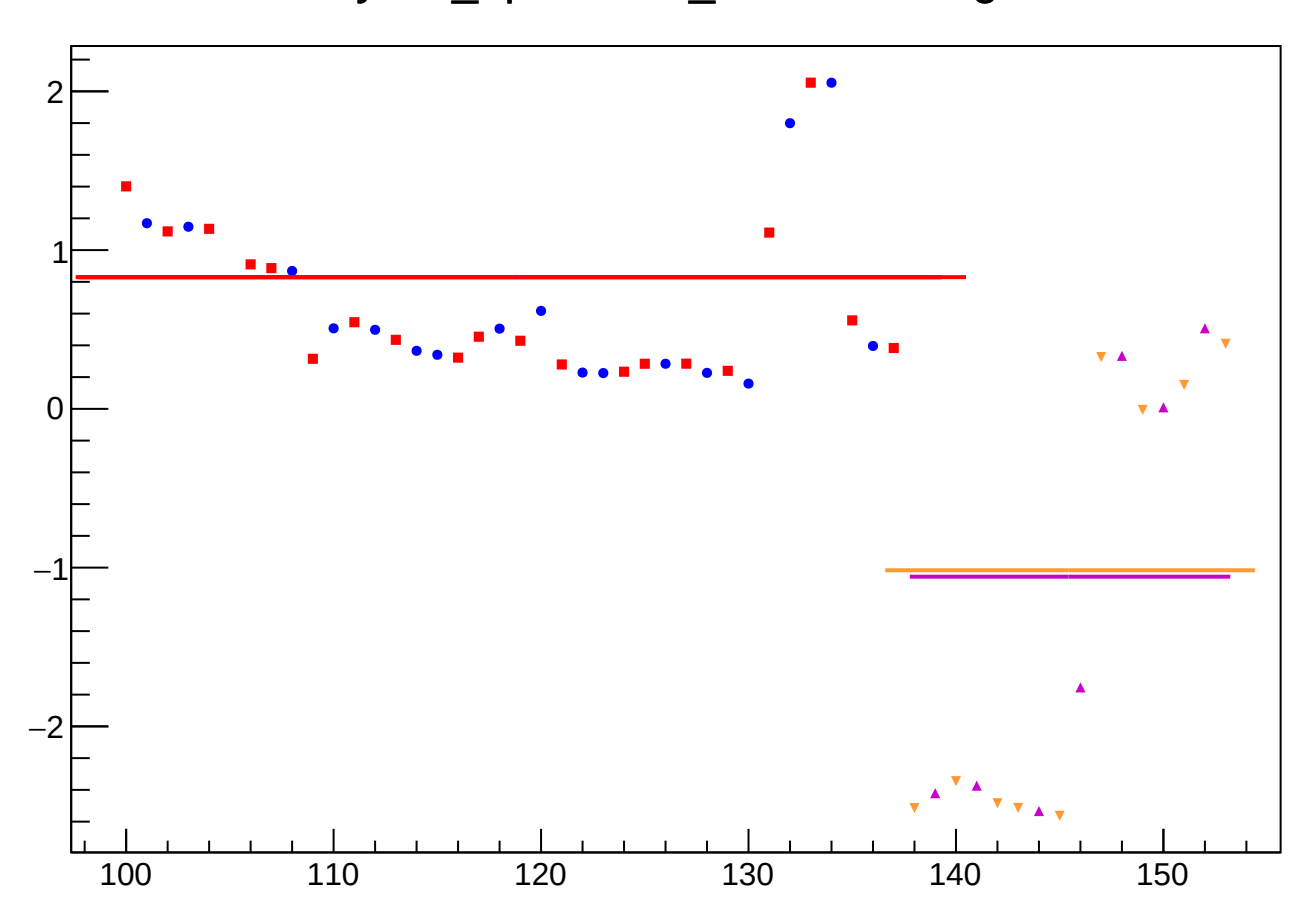
Left Out: 0.007+/-0.000 χ^2/NDF:65635.5/8

Right Out: 0.003+/-0.000 χ^2/NDF: 222524.1/19

Left In: 0.007+/-0.000 χ^2/NDF:79402.6/6

0.004+/-0.000 χ^2/NDF: 2183269.1/25

0.004+/-0.000 χ^2/NDF: 2274807.8/26



Right In: 0.829+/-0.000 χ^2/NDF: 31718573821.2/16

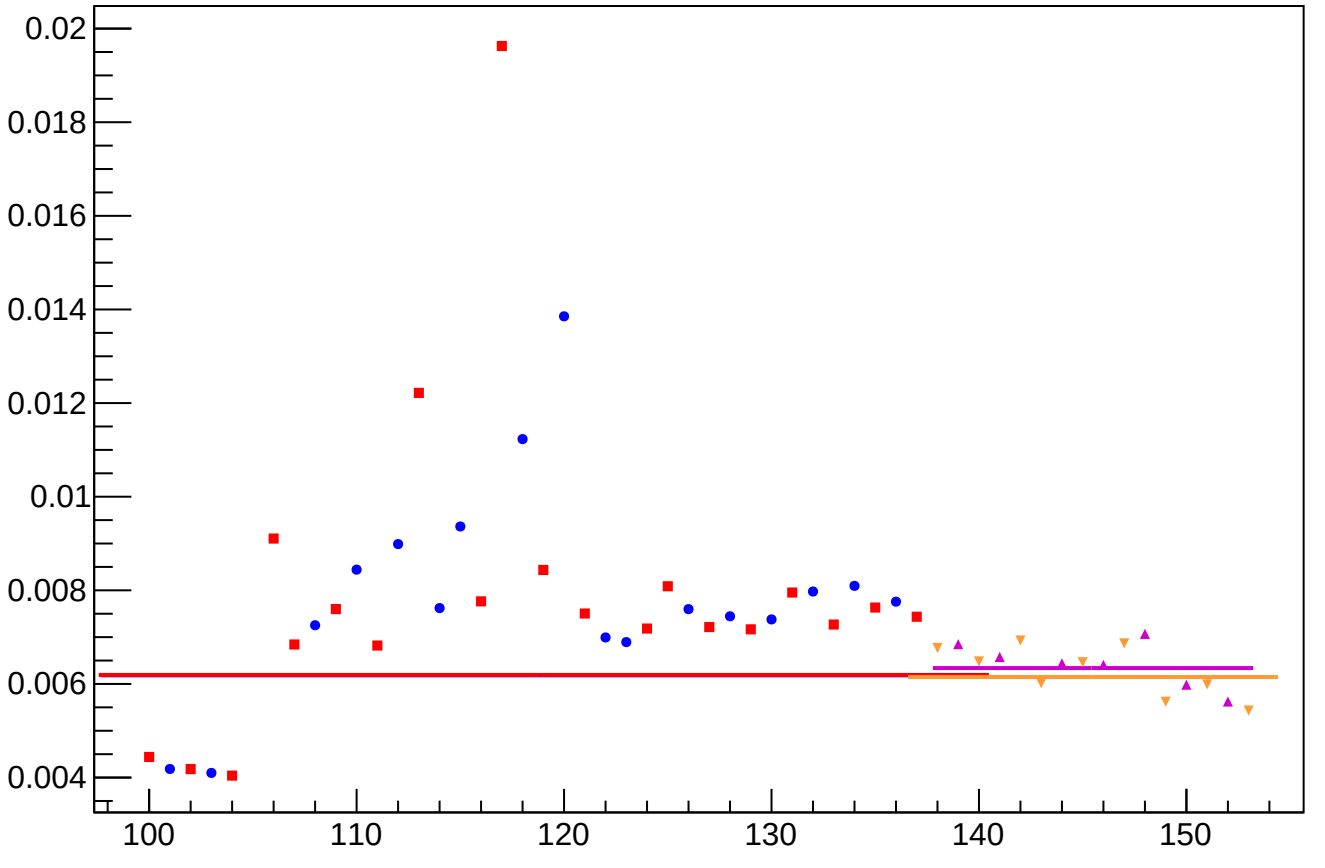
Left Out: -1.017+/-0.000 χ^2/NDF:289518570637.8/8

Right Out: 0.830+/-0.000 χ^2/NDF: 33349713412.0/19

Left In: -1.057+/-0.000 χ^2/NDF:220693799665.6/6

-0.154+/-0.000 χ^2/NDF: 573486491169.4/25

-0.041+/-0.000 χ^2/NDF: 503812895384.9/26



Right In: 0.006+/-0.000 χ^2/NDF: 1228962.4/16

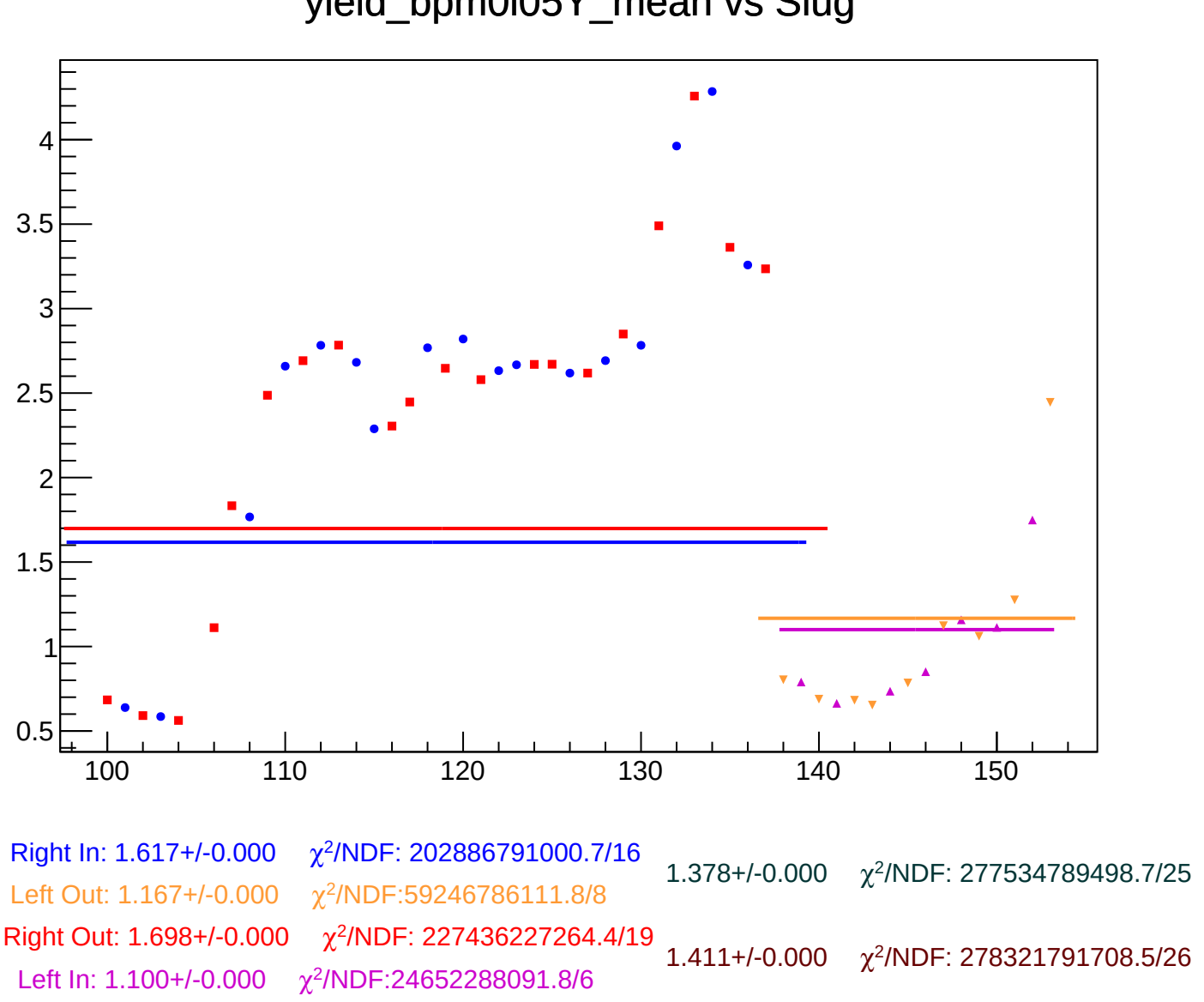
Left Out: 0.006+/-0.000 χ^2/NDF:85699.8/8

Right Out: 0.006+/-0.000 χ^2/NDF: 1062886.2/19

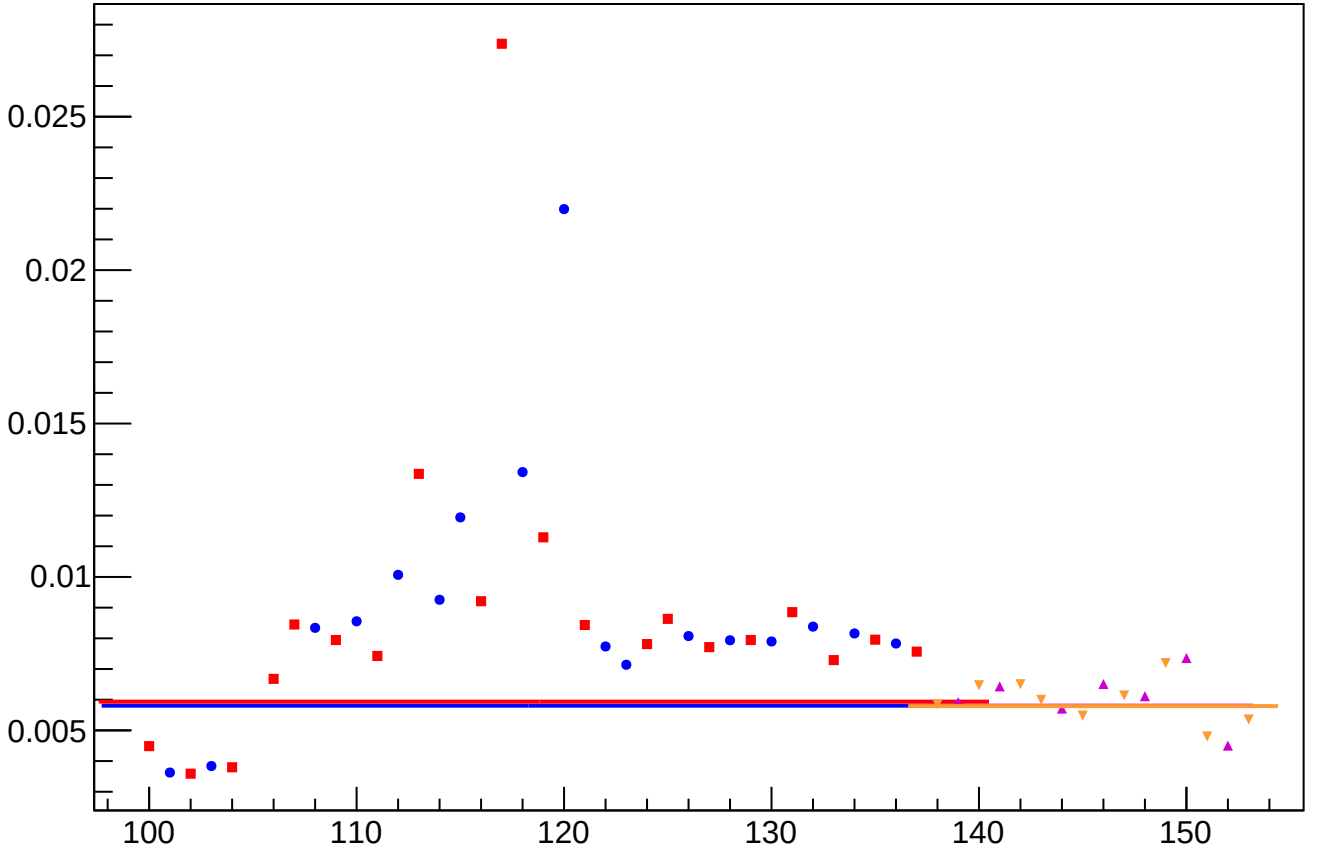
Left In: 0.006+/-0.000 χ^2/NDF:55942.6/6

0.006+/-0.000 χ^2/NDF: 1314866.3/25

0.006+/-0.000 χ^2/NDF: 1121870.4/26


yield_bpm0l05Y_mean vs Slug
4
3.5
3
2.5
2
1.5
1
0.5
100
110
120
130
140
150
Right In: 1.617+/-0.000 χ²/NDF: 202886791000.7/16
Left Out: 1.167+/-0.000 χ²/NDF:59246786111.8/8
Right Out: 1.698+/-0.000 χ²/NDF: 227436227264.4/19
Left In: 1.100+/-0.000 χ²/NDF:24652288091.8/6
1.378+/-0.000 χ²/NDF: 277534789498.7/25
1.411+/-0.000 χ²/NDF: 278321791708.5/26

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 1917989.1/16

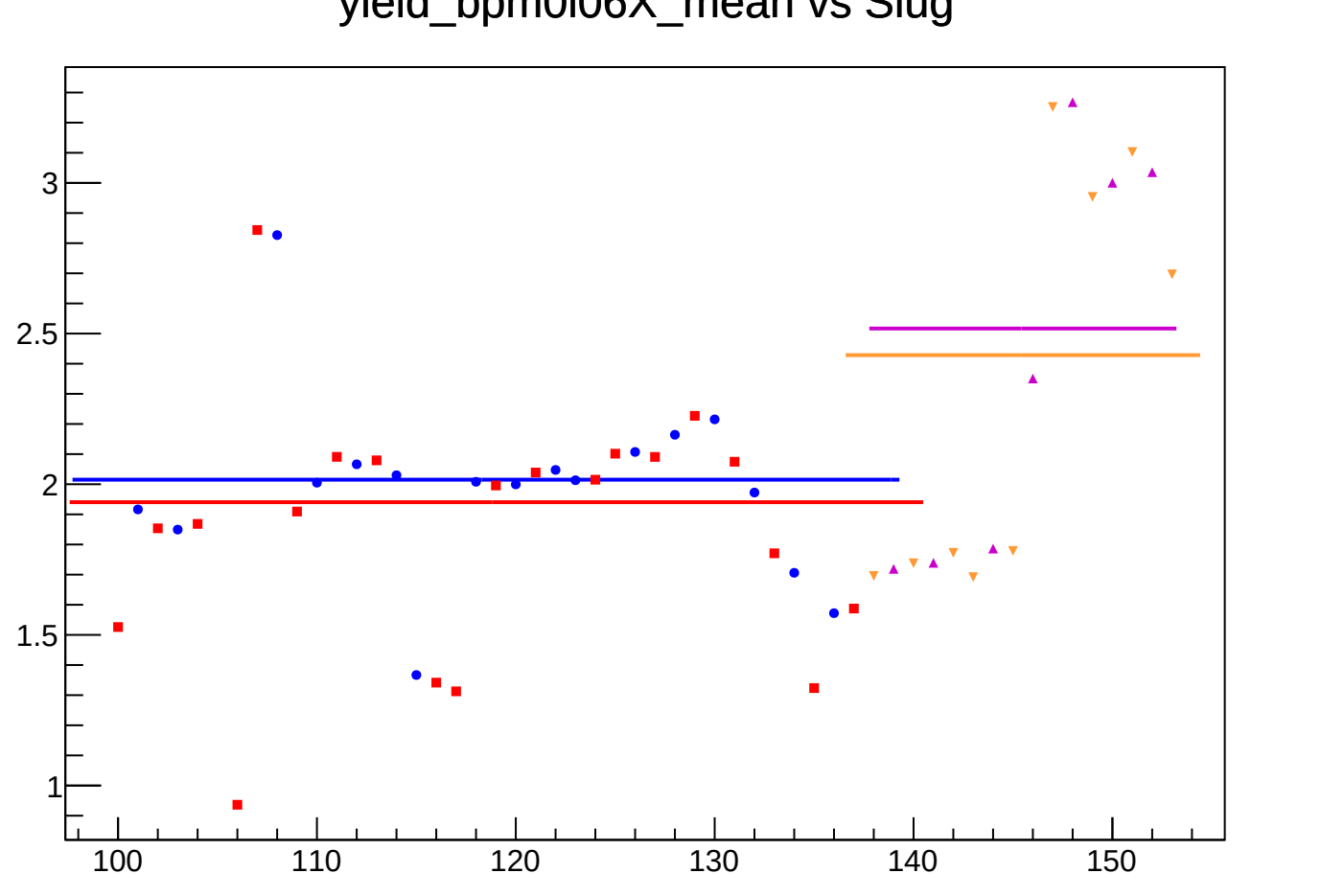
Left Out: 0.006+/-0.000 χ^2/NDF:147204.2/8

Right Out: 0.006+/-0.000 χ^2/NDF: 1731283.0/19

Left In: 0.006+/-0.000 χ^2/NDF:223083.4/6

0.006+/-0.000 χ^2/NDF: 2065224.2/25

0.006+/-0.000 χ^2/NDF: 1956914.4/26



Right In: 2.015+/-0.000 χ^2/NDF: 12228403202.6/16

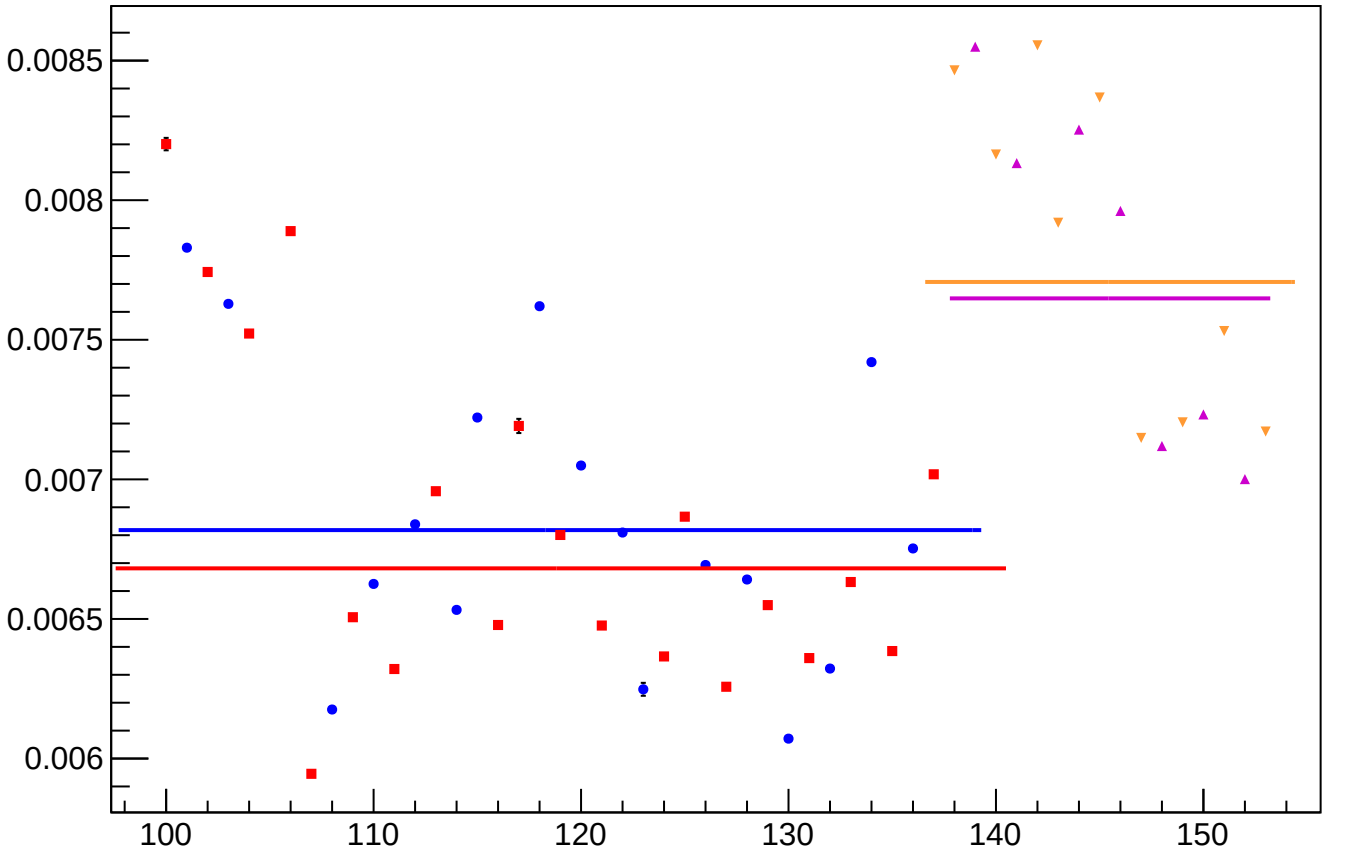
Left Out: 2.428+/-0.000 χ^2/NDF:43439293670.0/8

Right Out: 1.940+/-0.000 χ^2/NDF: 21732099424.5/19

Left In: 2.517+/-0.000 χ^2/NDF:36562154480.4/6

2.193+/-0.000 χ^2/NDF: 65754861202.4/25

2.158+/-0.000 χ^2/NDF: 77453566108.5/26



Right In: 0.007+/-0.000 χ^2/NDF: 75813.9/16

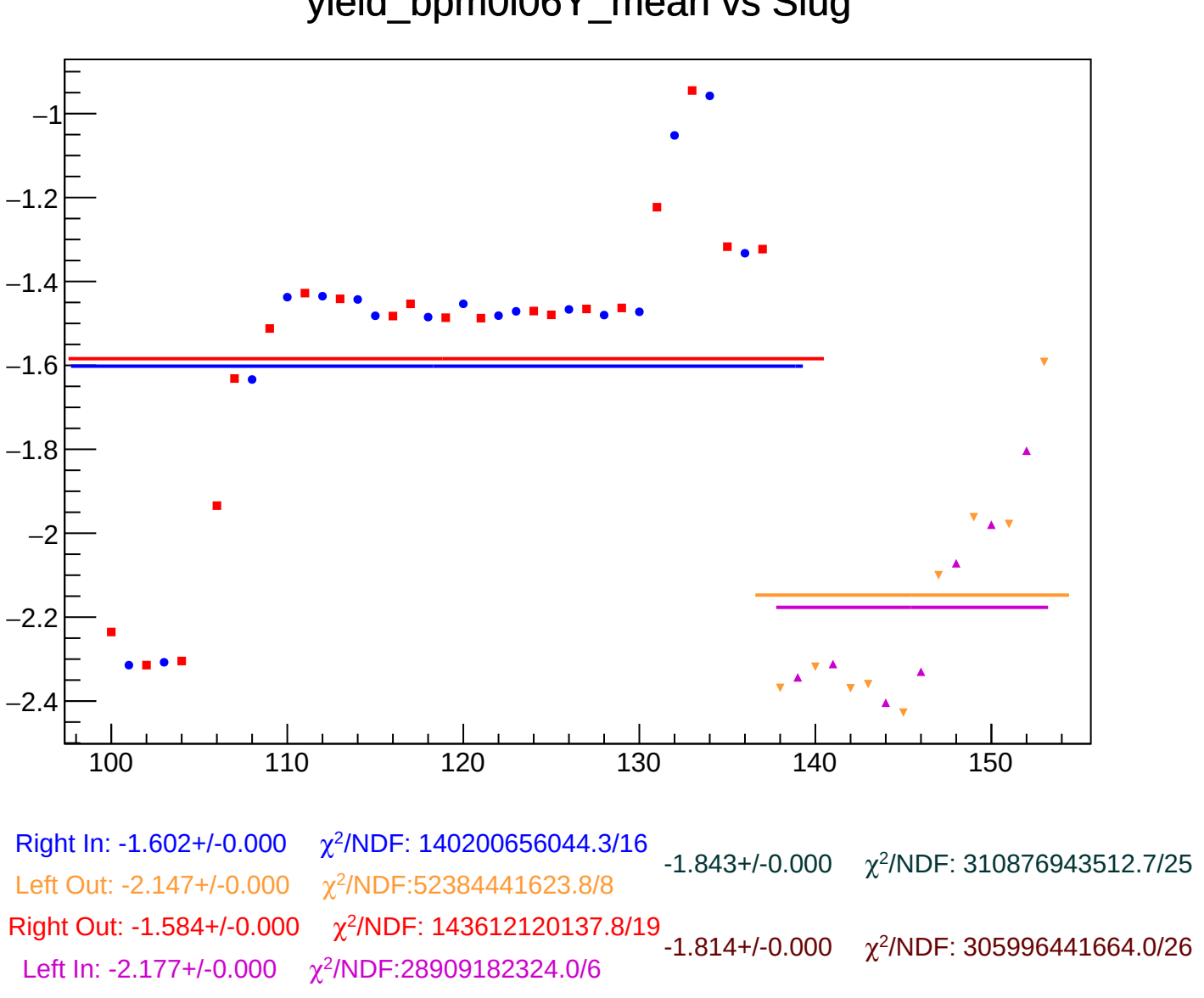
Left Out: 0.008+/-0.000 χ^2/NDF:59255.8/8

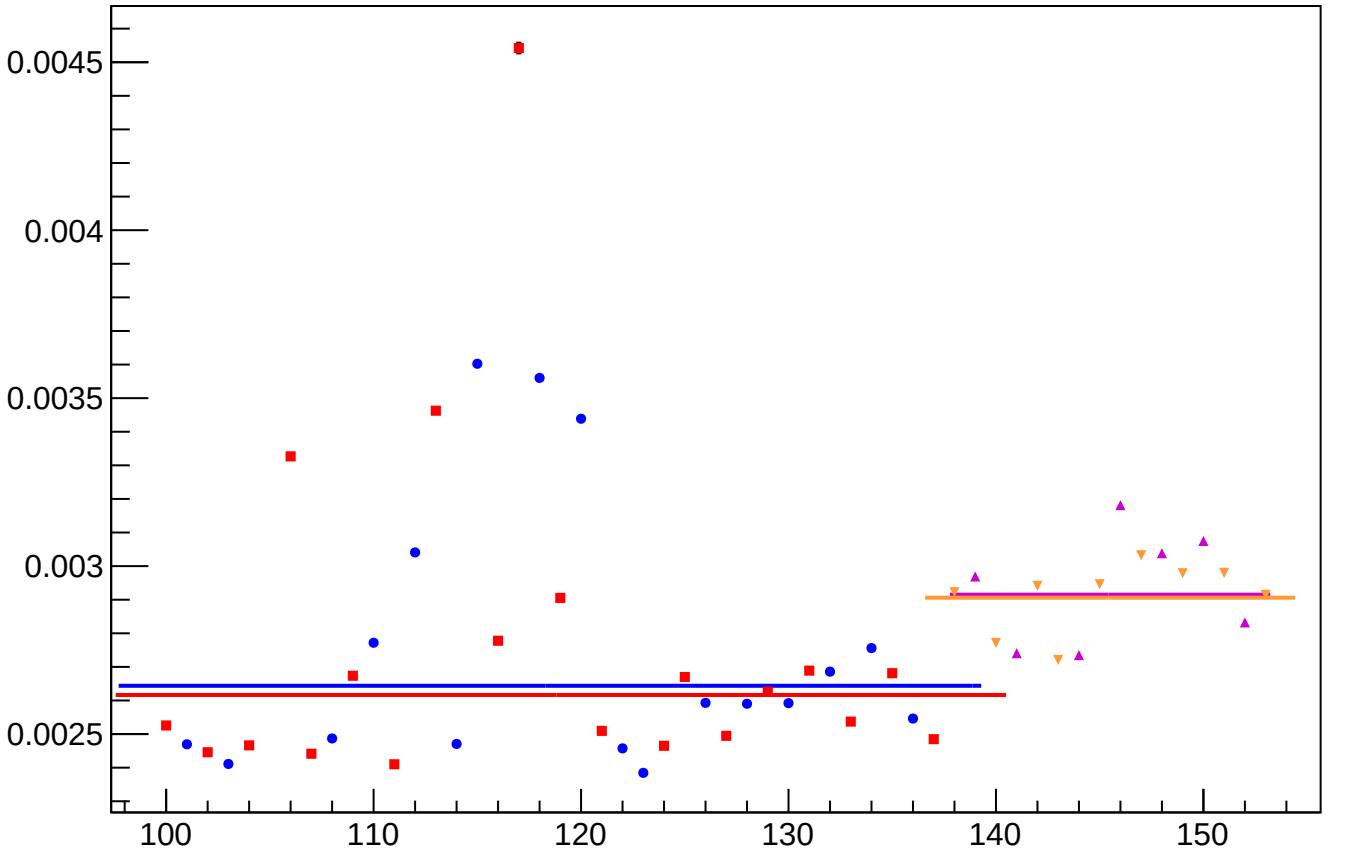
Right Out: 0.007+/-0.000 χ^2/NDF: 76121.2/19

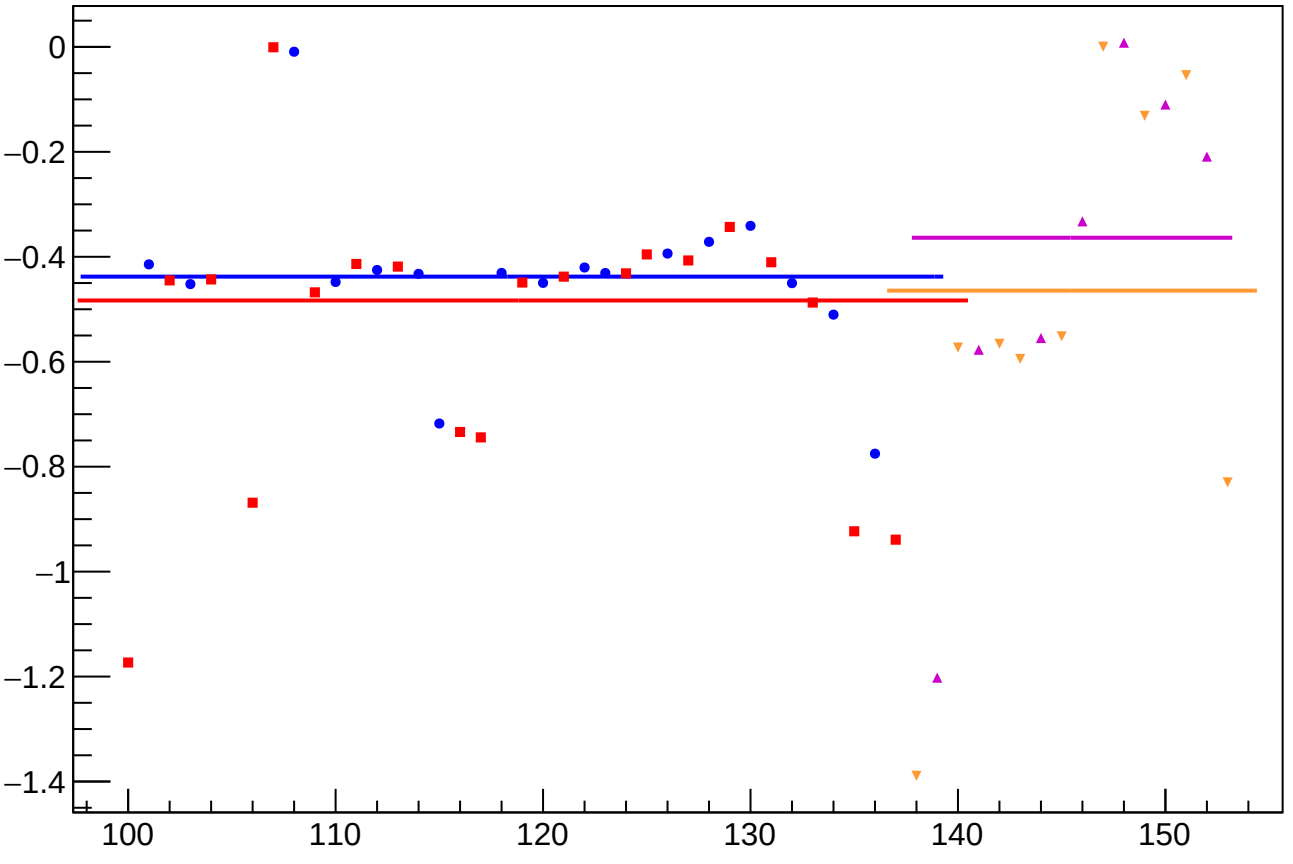
Left In: 0.008+/-0.000 χ^2/NDF:58897.0/6

0.007+/-0.000 χ^2/NDF: 228343.9/25

0.007+/-0.000 χ^2/NDF: 242874.9/26


yield_bpm0l06Y_mean vs Slug
−1
−1.2
−1.4
−1.6
−1.8
−2
−2.2
−2.4
100
110
120
130
140
150
Right In: -1.602+/-0.000 χ²/NDF: 140200656044.3/16
Left Out: -2.147+/-0.000 χ²/NDF:52384441623.8/8
Right Out: -1.584+/-0.000 χ²/NDF: 143612120137.8/19
Left In: -2.177+/-0.000 χ²/NDF:28909182324.0/6
-1.843+/-0.000 χ²/NDF: 310876943512.7/25
-1.814+/-0.000 χ²/NDF: 305996441664.0/26


yield_bpm0l06Y_rms vs Slug
0.0045
0.004
0.0035
0.003
0.0025
100
110
120
130
140
150
Right In: 0.003+/-0.000 χ²/NDF: 151383.5/16
Left Out: 0.003+/-0.000 χ²/NDF:13862.9/8
Right Out: 0.003+/-0.000 χ²/NDF: 119852.1/19
Left In: 0.003+/-0.000 χ²/NDF:31973.5/6
0.003+/-0.000 χ²/NDF: 219877.7/25
0.003+/-0.000 χ²/NDF: 219620.3/26



Right In: -0.438+/-0.000 χ^2/NDF: 1462454117.6/16

Left Out: -0.464+/-0.000 χ^2/NDF:6221907744.0/8

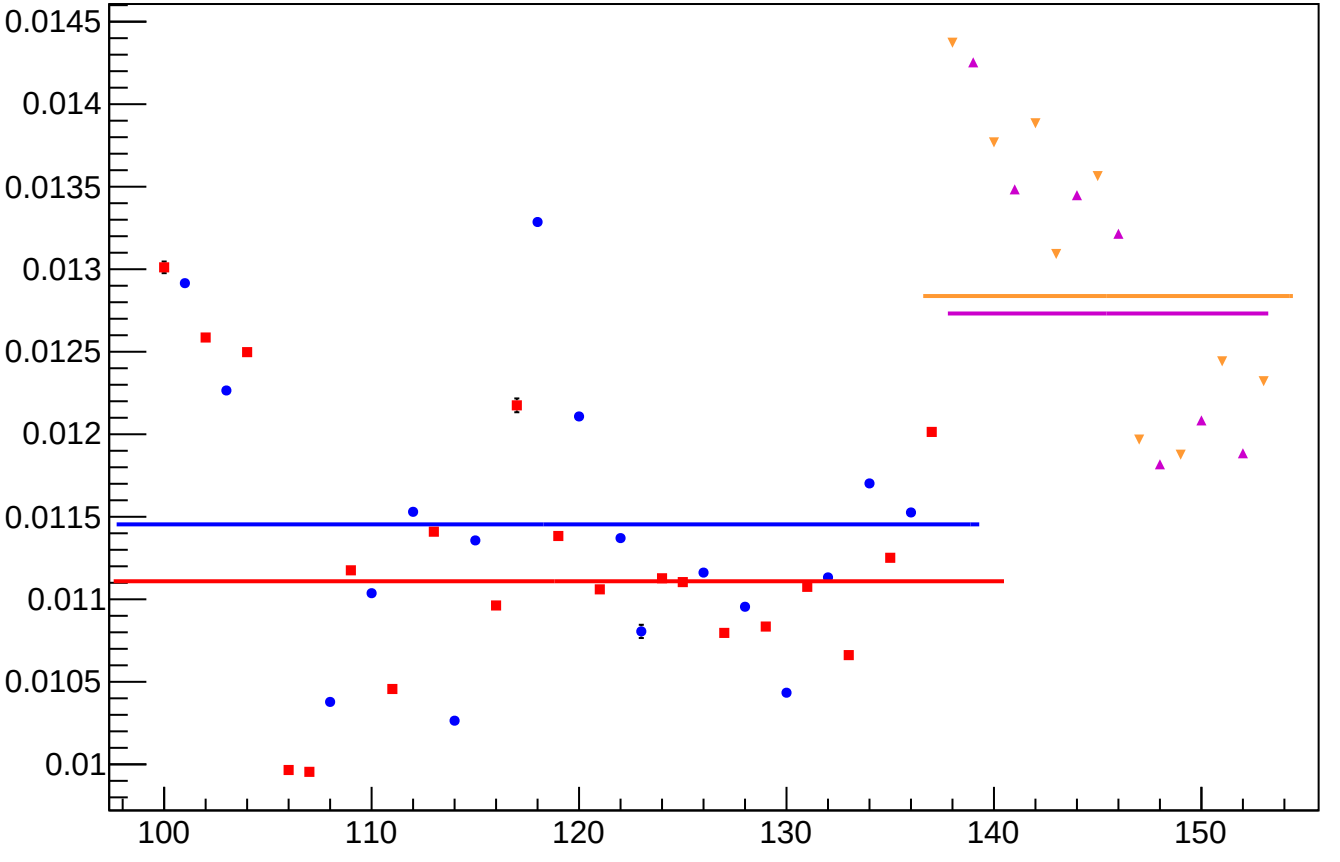
Right Out: -0.483+/-0.000 χ^2/NDF: 2714164016.2/19

Left In: -0.364+/-0.000 χ^2/NDF:3887249013.0/6

-0.449+/-0.000 χ^2/NDF: 7699557508.9/25

-0.439+/-0.000 χ^2/NDF: 6899949408.9/26

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 64687.8/16

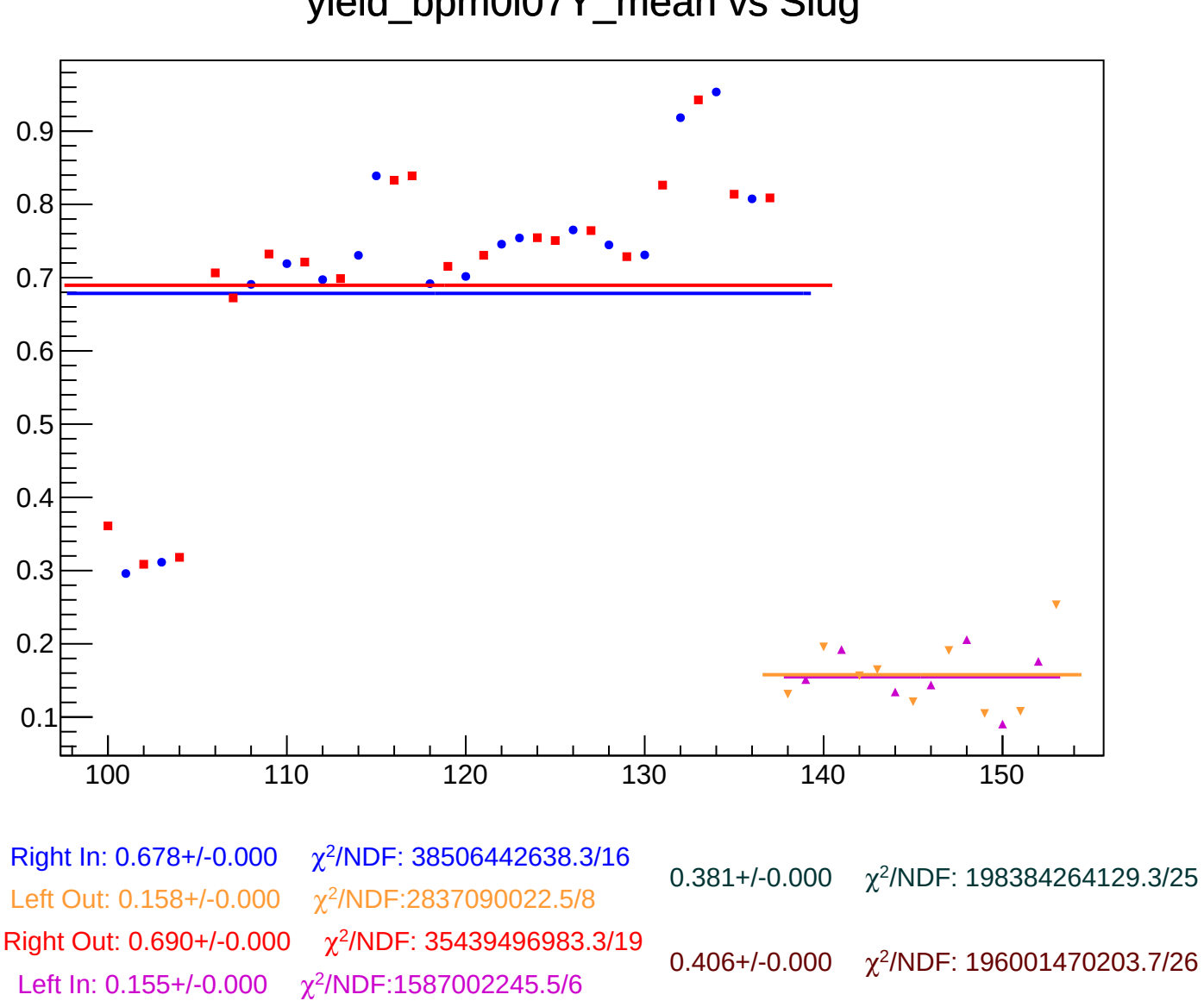
Left Out: 0.013+/-0.000 χ^2/NDF:53561.8/8

Right Out: 0.011+/-0.000 χ^2/NDF: 56696.9/19

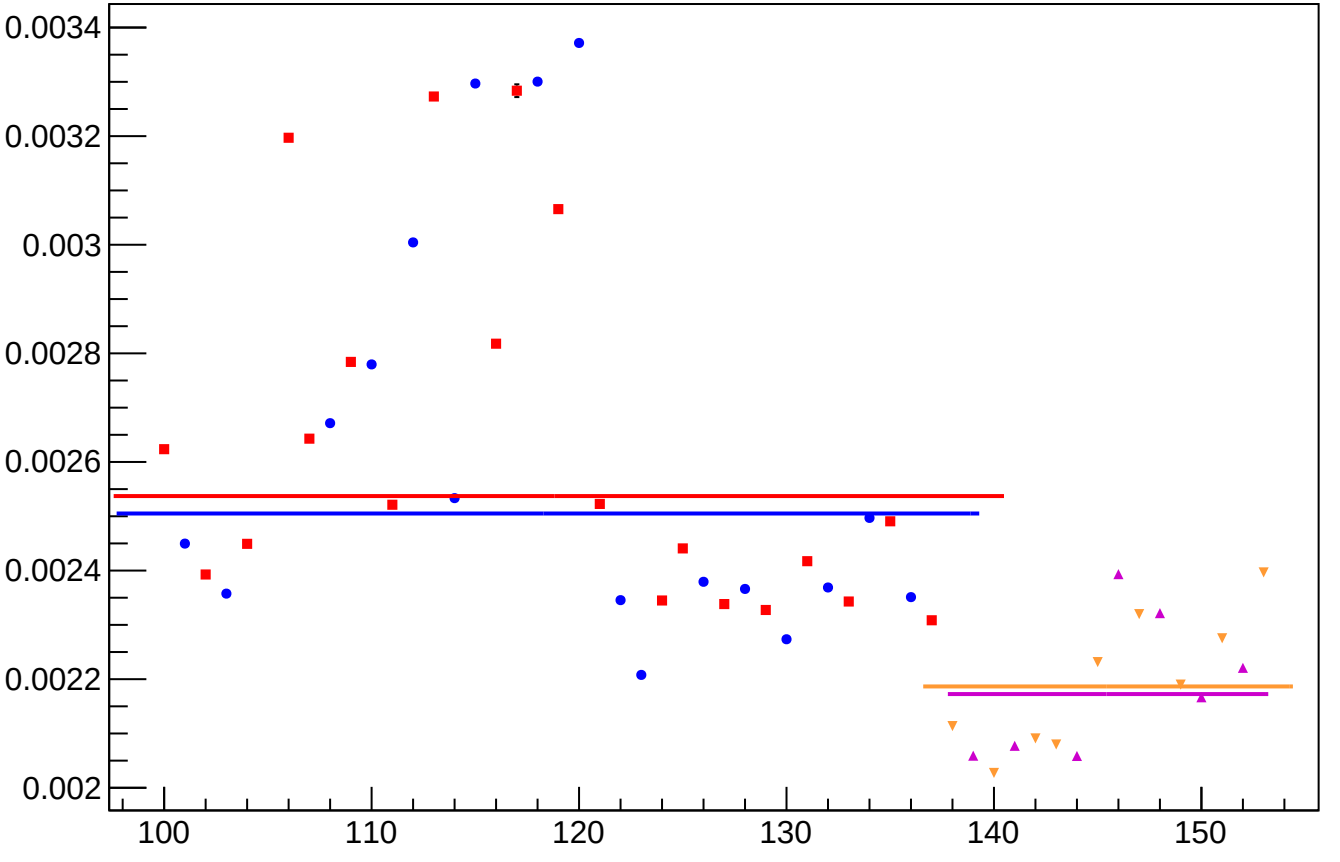
Left In: 0.013+/-0.000 χ^2/NDF:48448.7/6

0.012+/-0.000 χ^2/NDF: 199906.3/25

0.012+/-0.000 χ^2/NDF: 215126.4/26


yield_bpm0l07Y_mean vs Slug
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
100
110
120
130
140
150
Right In: 0.678+/-0.000 χ²/NDF: 38506442638.3/16
Left Out: 0.158+/-0.000 χ²/NDF:2837090022.5/8
Right Out: 0.690+/-0.000 χ²/NDF: 35439496983.3/19
Left In: 0.155+/-0.000 χ²/NDF:1587002245.5/6
0.381+/-0.000 χ²/NDF: 198384264129.3/25
0.406+/-0.000 χ²/NDF: 196001470203.7/26

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 175524.0/16

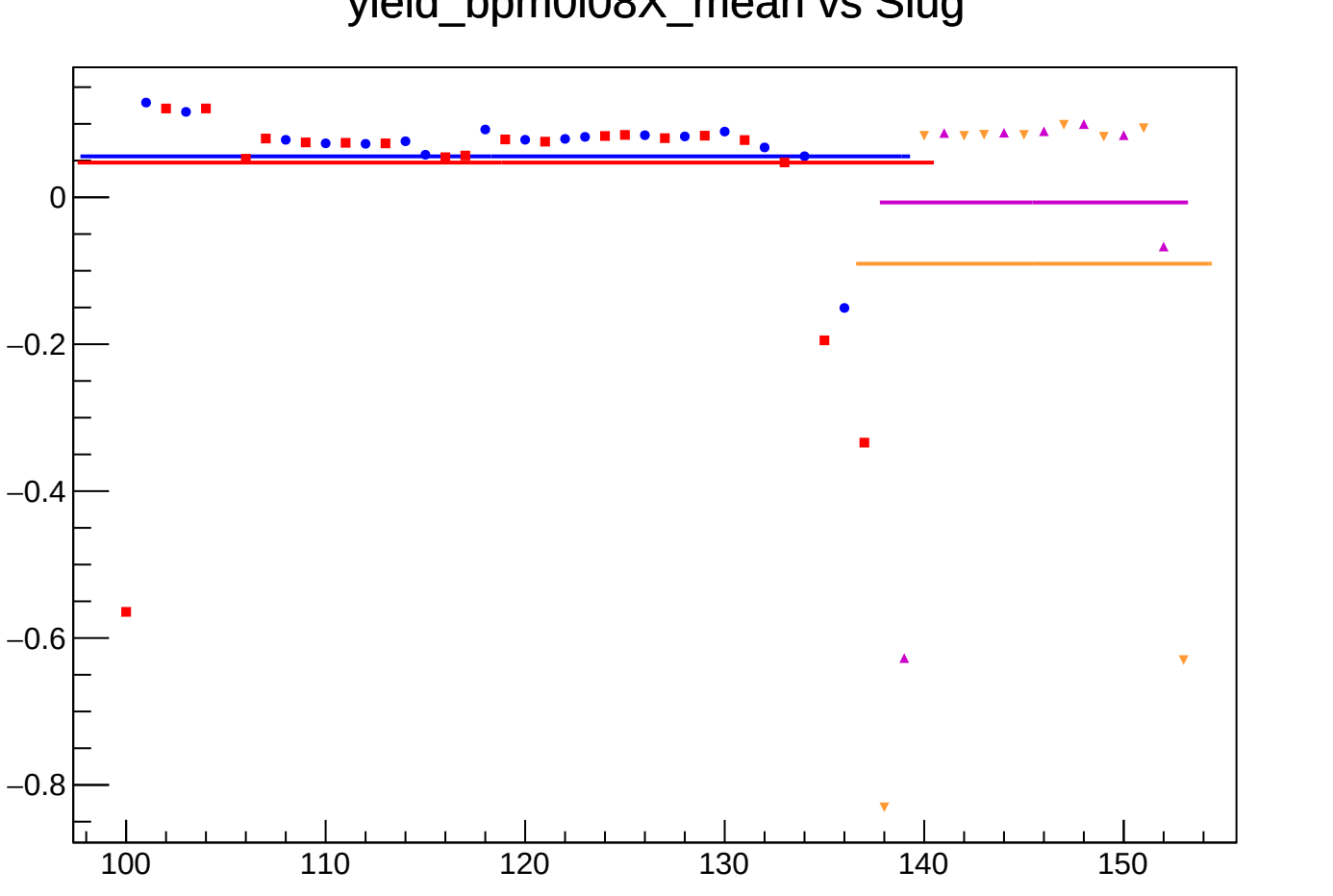
Left Out: 0.002+/-0.000 χ^2/NDF:36825.7/8

Right Out: 0.003+/-0.000 χ^2/NDF: 135649.7/19

Left In: 0.002+/-0.000 χ^2/NDF:33731.1/6

0.002+/-0.000 χ^2/NDF: 329864.1/25

0.002+/-0.000 χ^2/NDF: 317258.9/26



Right In: 0.056+/-0.000 χ^2/NDF: 423003688.1/16

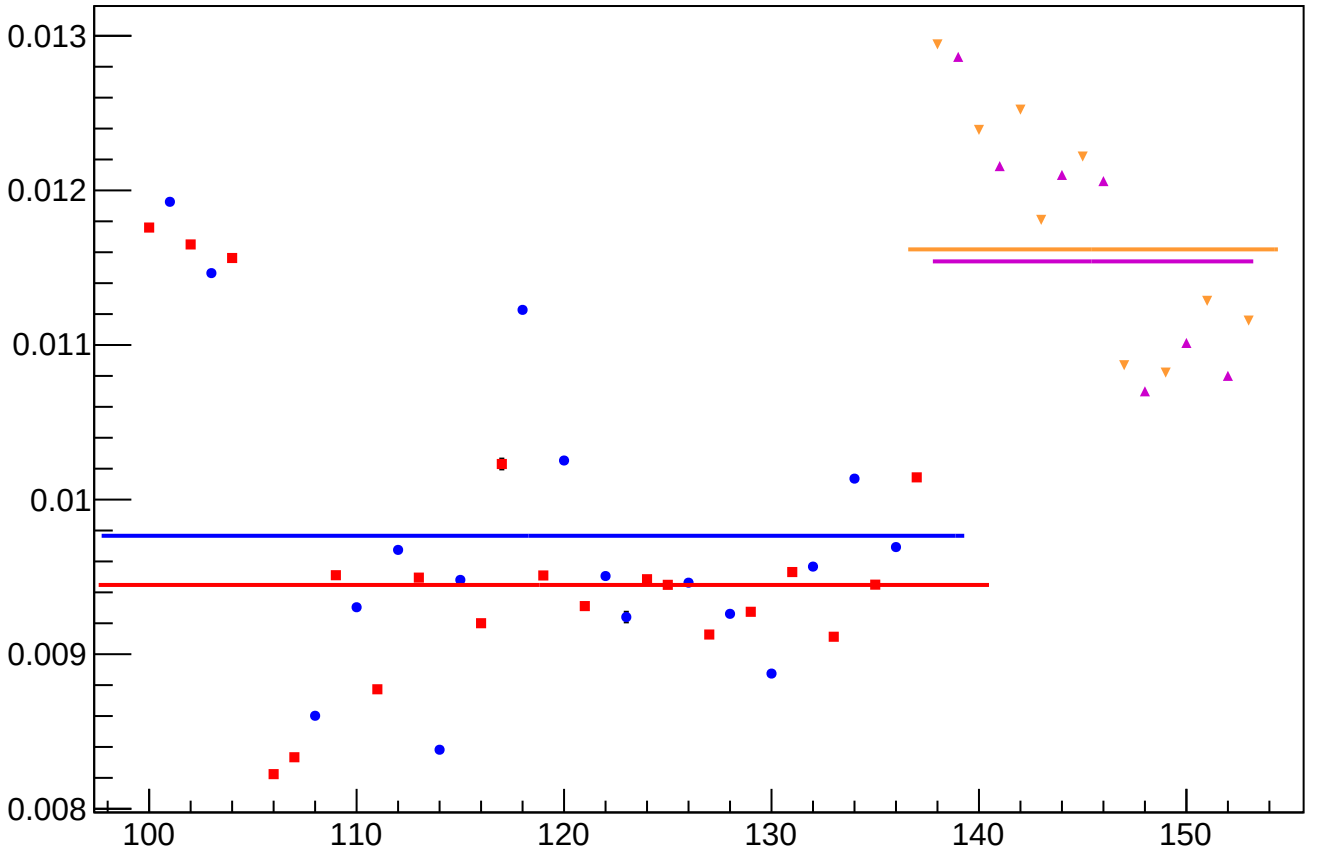
Left Out: -0.090+/-0.000 χ^2/NDF:5178305595.2/8

Right Out: 0.047+/-0.000 χ^2/NDF: 819626031.7/19

Left In: -0.007+/-0.000 χ^2/NDF:1828659980.9/6

-0.003+/-0.000 χ^2/NDF: 6184954953.1/25

0.029+/-0.000 χ^2/NDF: 2726486226.1/26



Right In: 0.010+/-0.000 χ^2/NDF: 116638.3/16

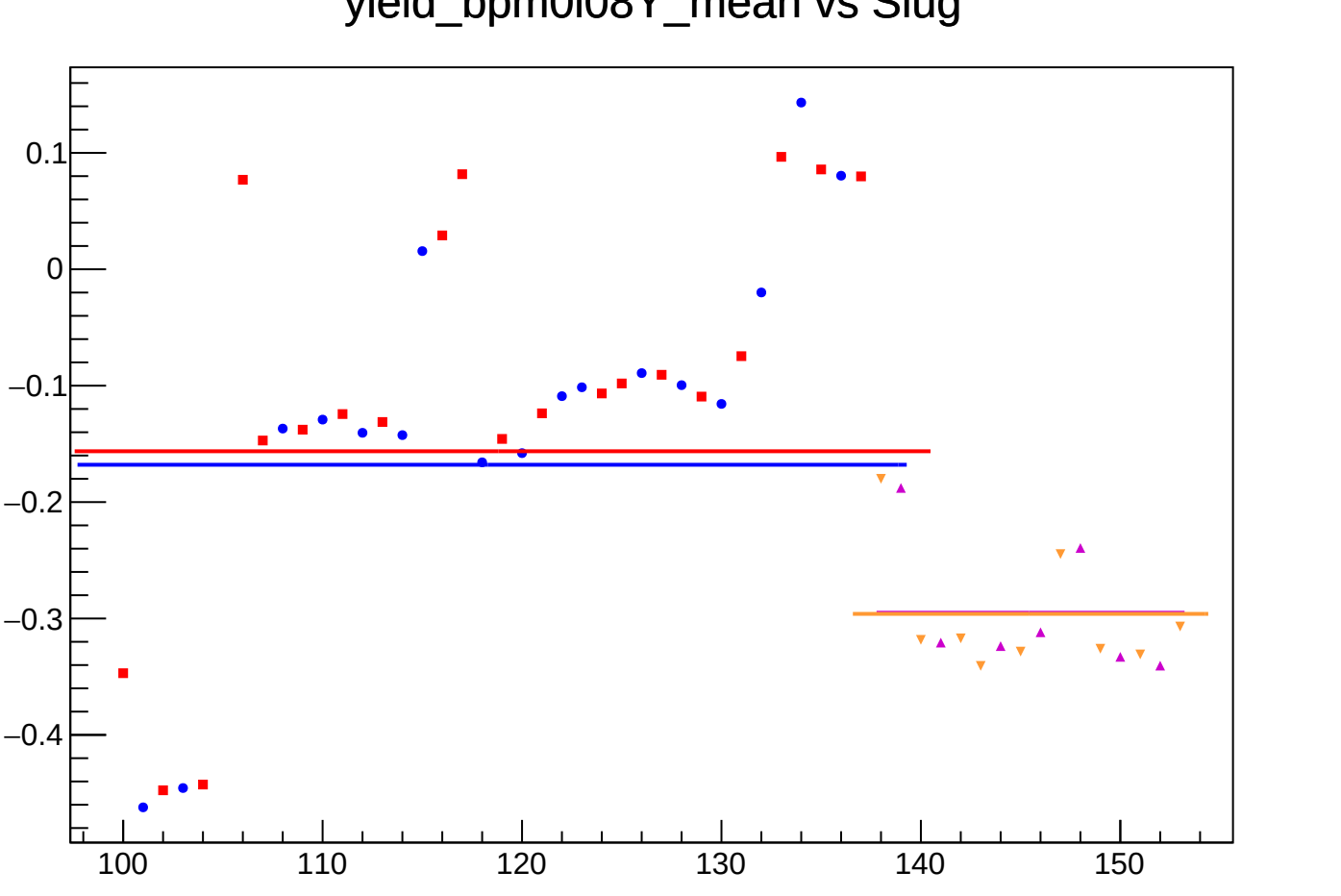
Left Out: 0.012+/-0.000 χ^2/NDF:47412.4/8

Right Out: 0.009+/-0.000 χ^2/NDF: 111197.0/19

Left In: 0.012+/-0.000 χ^2/NDF:44896.2/6

0.011+/-0.000 χ^2/NDF: 351688.0/25

0.010+/-0.000 χ^2/NDF: 388630.7/26



Right In: -0.168+/-0.000 χ^2/NDF: 12331812610.6/16

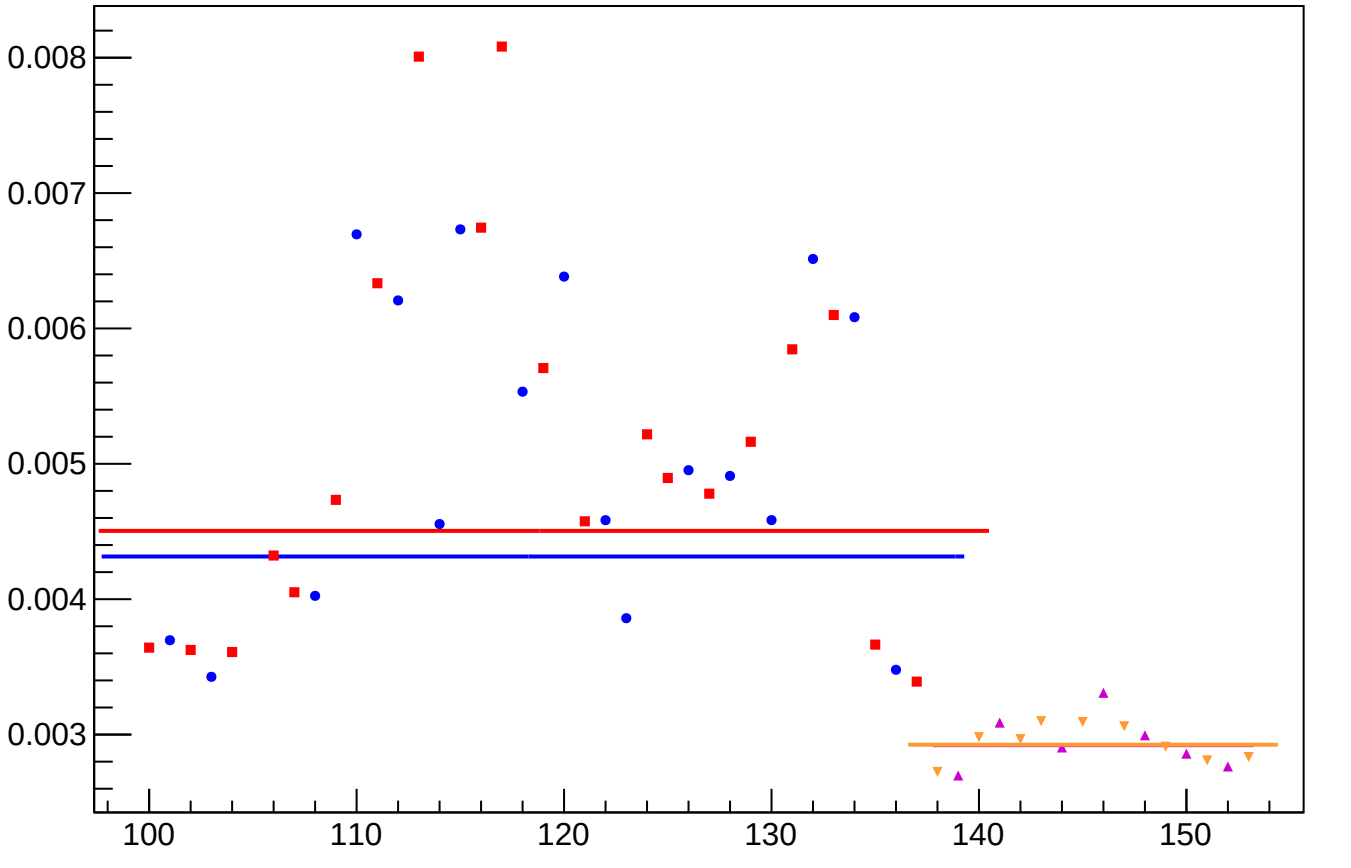
Left Out: -0.296+/-0.000 χ^2/NDF:1938239074.6/8

Right Out: -0.156+/-0.000 χ^2/NDF: 11061140252.3/19

Left In: -0.295+/-0.000 χ^2/NDF:1815457220.3/6

-0.257+/-0.000 χ^2/NDF: 17834916701.9/25

-0.249+/-0.000 χ^2/NDF: 16838226089.5/26



Right In: 0.004+/-0.000 χ^2/NDF: 619744.7/16

Left Out: 0.003+/-0.000 χ^2/NDF:23308.1/8

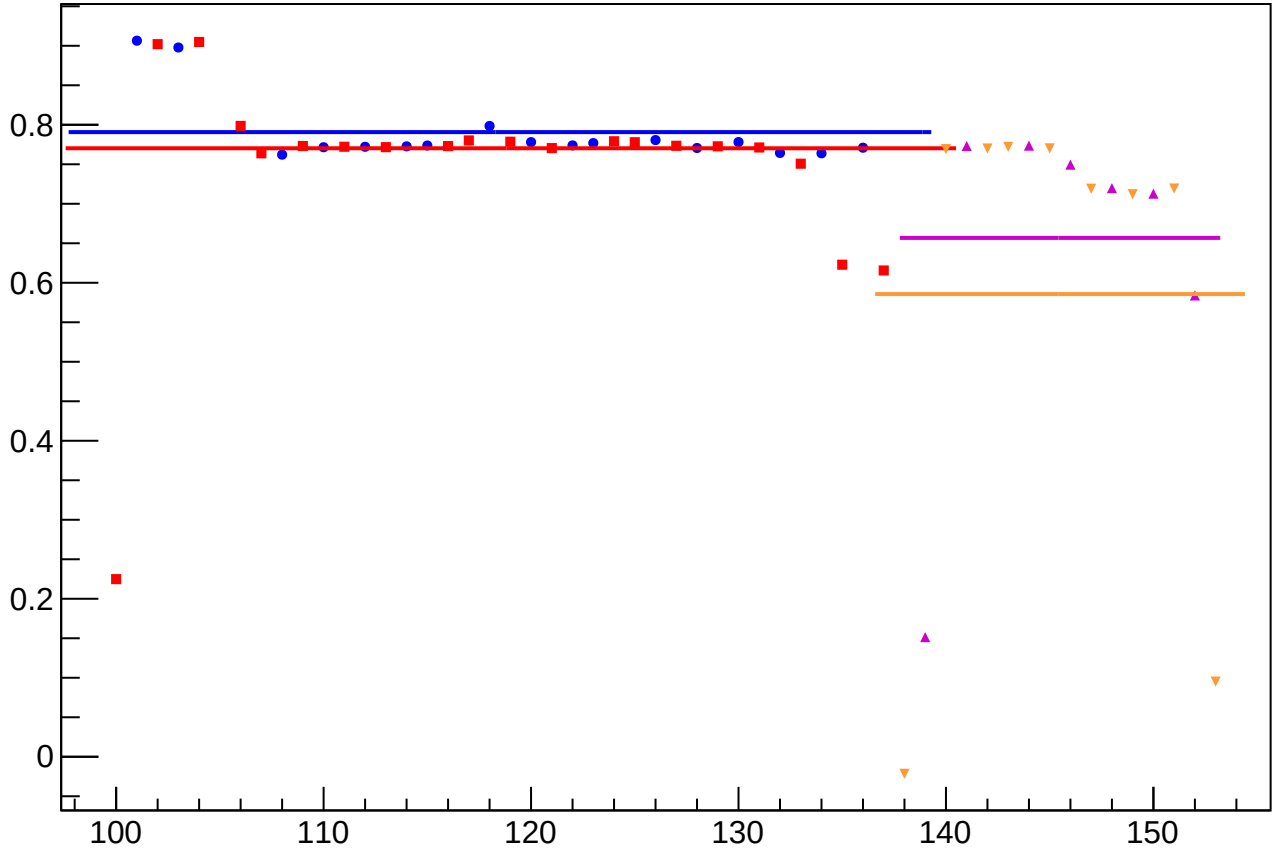
Right Out: 0.005+/-0.000 χ^2/NDF: 665152.6/19

Left In: 0.003+/-0.000 χ^2/NDF:39849.0/6

0.003+/-0.000 χ^2/NDF: 1483193.3/25

0.003+/-0.000 χ^2/NDF: 1736870.1/26

yield_bpm0l09X_mean vs Slug



Right In: 0.791+/-0.000 χ^2/NDF: 106705767.1/16

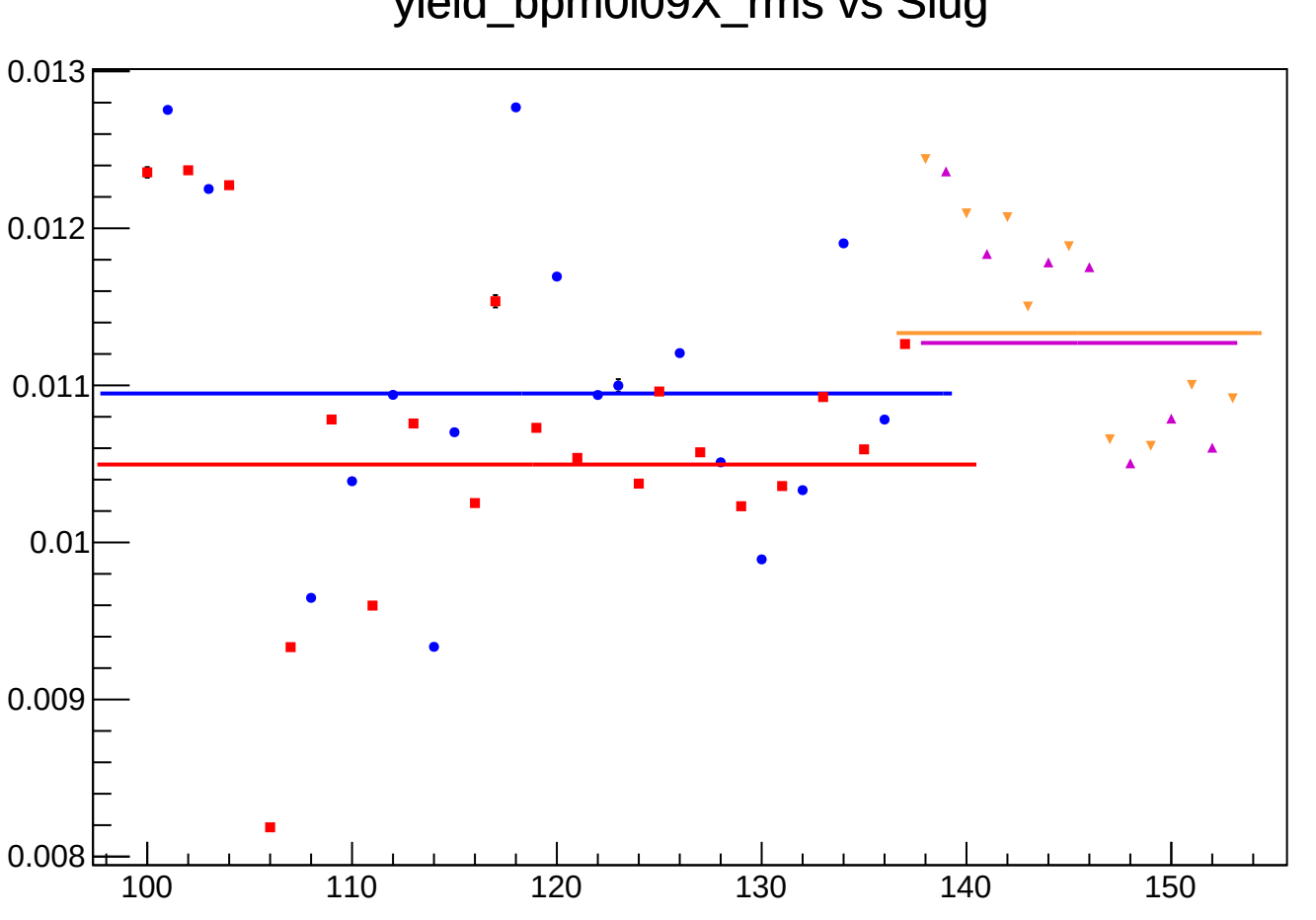
Left Out: 0.586+/-0.000 χ^2/NDF:4150180954.2/8

Right Out: 0.770+/-0.000 χ^2/NDF: 375473971.0/19

Left In: 0.657+/-0.000 χ^2/NDF:1394096579.5/6

0.693+/-0.000 χ^2/NDF: 5330889302.7/25

0.724+/-0.000 χ^2/NDF: 2096902460.5/26



Right In: 0.011+/-0.000 χ^2/NDF: 98551.4/16

Left Out: 0.011+/-0.000 χ^2/NDF:39977.6/8

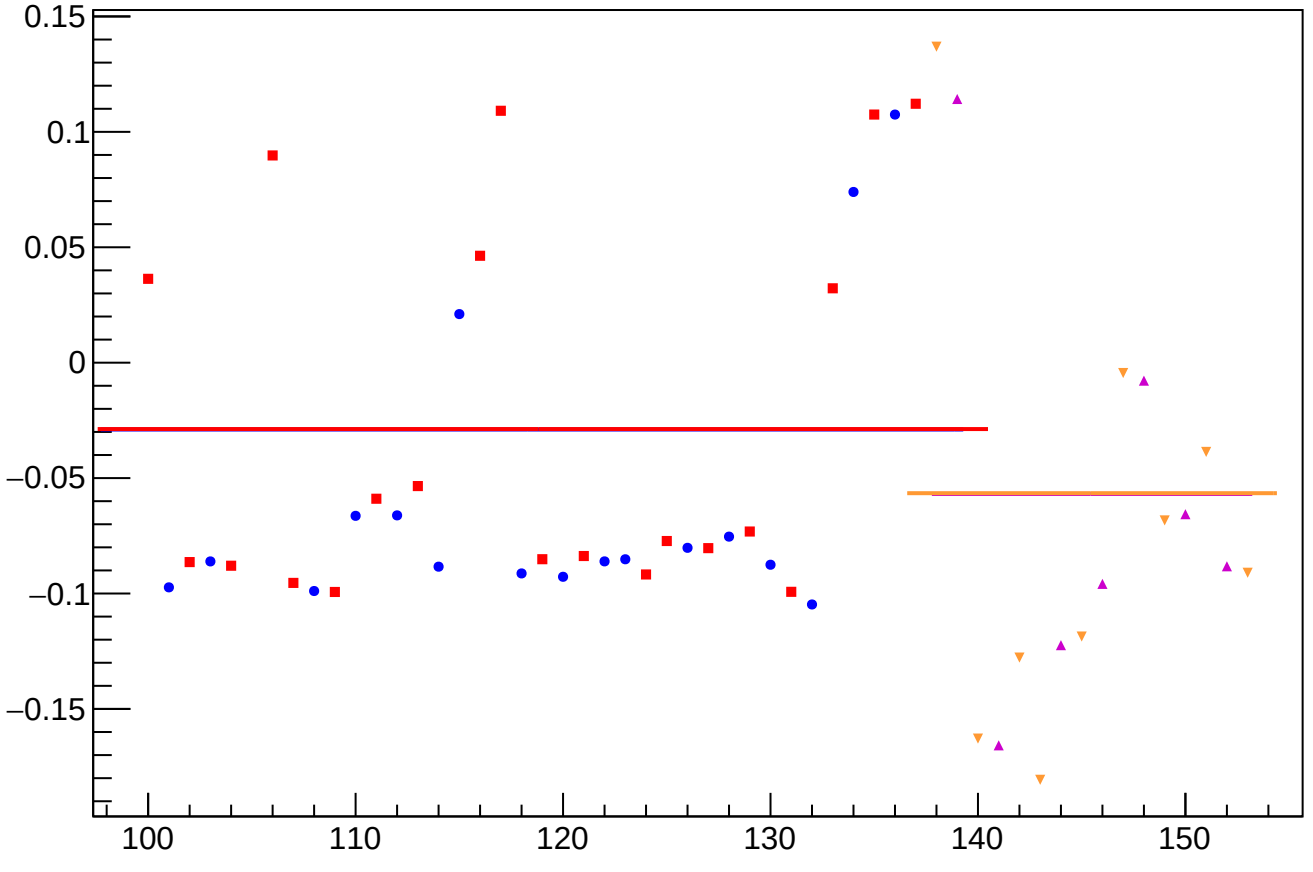
Right Out: 0.010+/-0.000 χ^2/NDF: 120120.6/19

Left In: 0.011+/-0.000 χ^2/NDF:37476.4/6

0.011+/-0.000 χ^2/NDF: 146103.6/25

0.011+/-0.000 χ^2/NDF: 188060.4/26

yield_bpm0l09Y_mean vs Slug



Right In: -0.029+/-0.000 χ^2/NDF: 2445975608.2/16

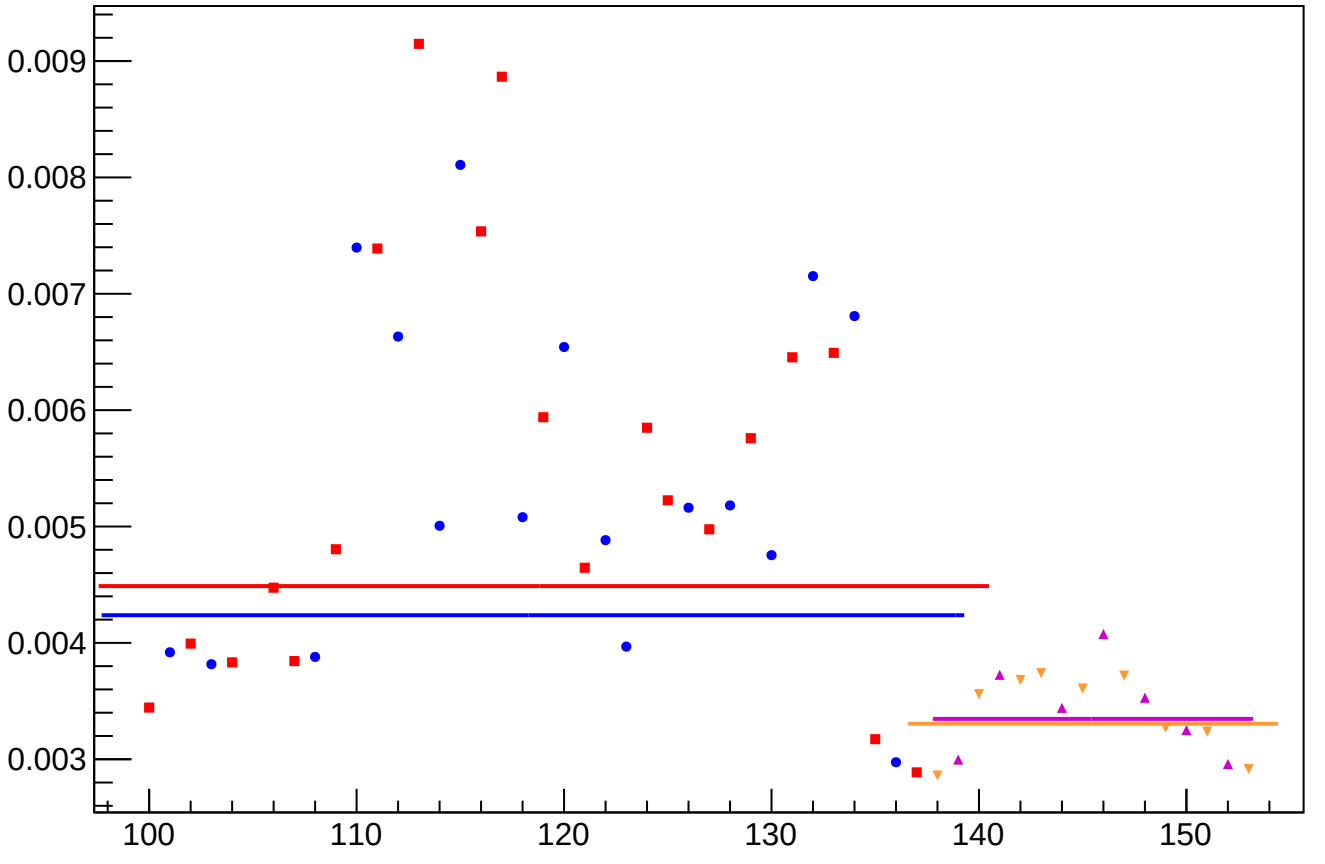
Left Out: -0.057+/-0.000 χ^2/NDF:4883813434.0/8

Right Out: -0.029+/-0.000 χ^2/NDF: 2122918772.1/19

Left In: -0.057+/-0.000 χ^2/NDF:3303298235.4/6

-0.047+/-0.000 χ^2/NDF: 7478256747.1/25

-0.046+/-0.000 χ^2/NDF: 5566779067.9/26



Right In: 0.004+/-0.000 χ^2/NDF: 881584.1/16

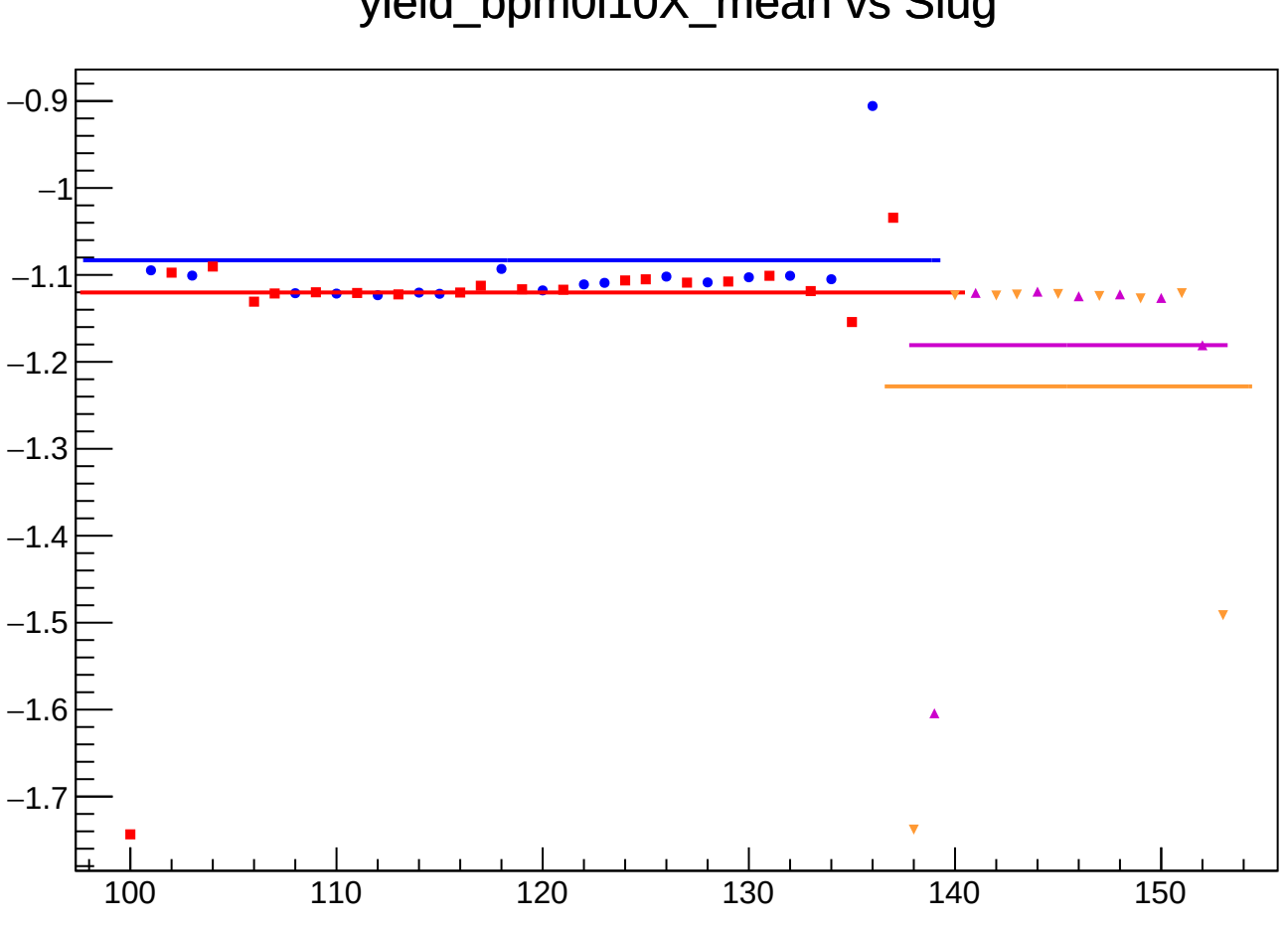
Left Out: 0.003+/-0.000 χ^2/NDF:118653.5/8

Right Out: 0.004+/-0.000 χ^2/NDF: 1003473.4/19

Left In: 0.003+/-0.000 χ^2/NDF:108951.4/6

0.004+/-0.000 χ^2/NDF: 1339193.7/25

0.004+/-0.000 χ^2/NDF: 1575364.4/26



Right In: -1.083+/-0.000 χ^2/NDF: 202920901.6/16

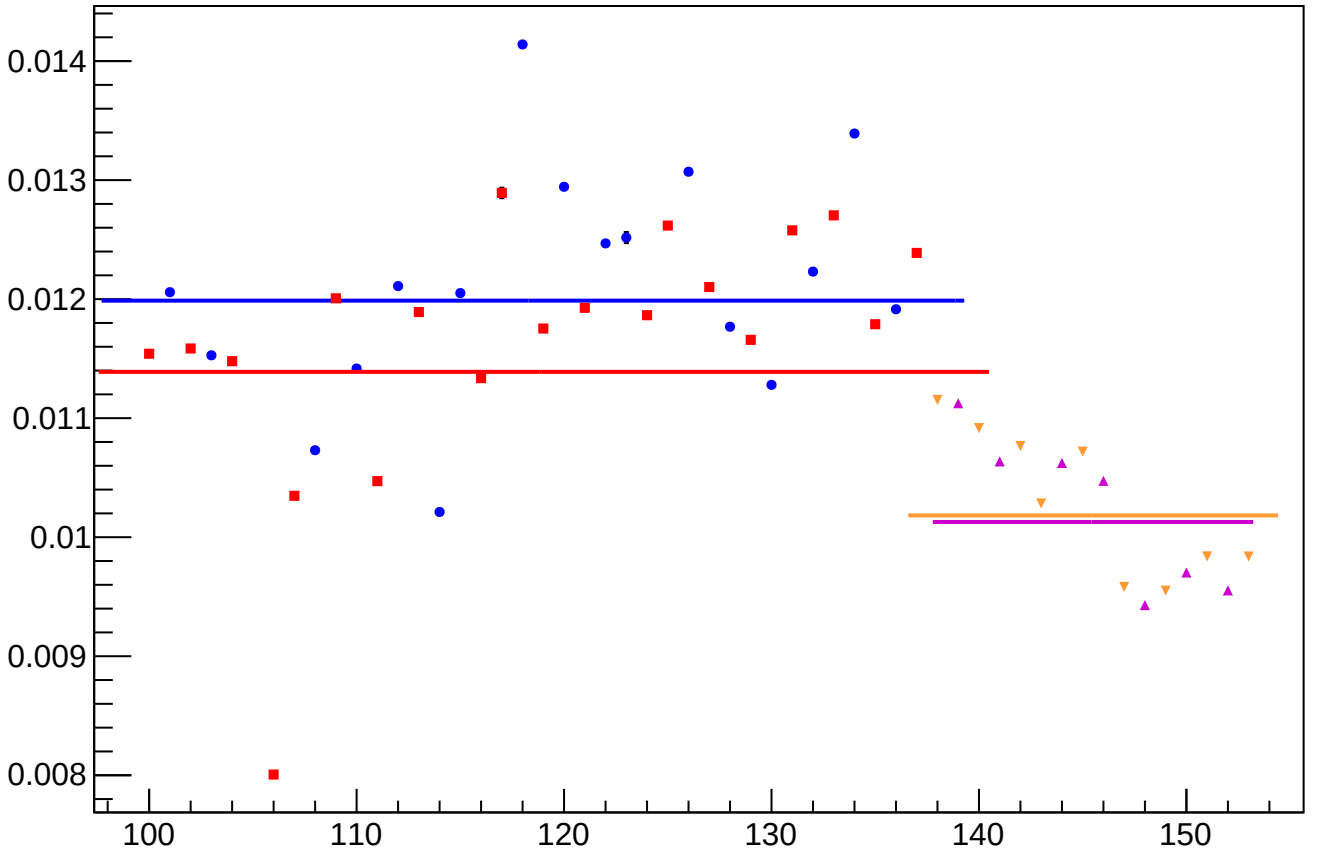
Left Out: -1.228+/-0.000 χ^2/NDF:2508841571.9/8

Right Out: -1.120+/-0.000 χ^2/NDF: 220586820.0/19

Left In: -1.181+/-0.000 χ^2/NDF:1089854938.5/6

-1.167+/-0.000 χ^2/NDF: 3254353931.7/25

-1.151+/-0.000 χ^2/NDF: 1408014256.0/26



Right In: 0.012+/-0.000 χ^2/NDF: 60402.0/16

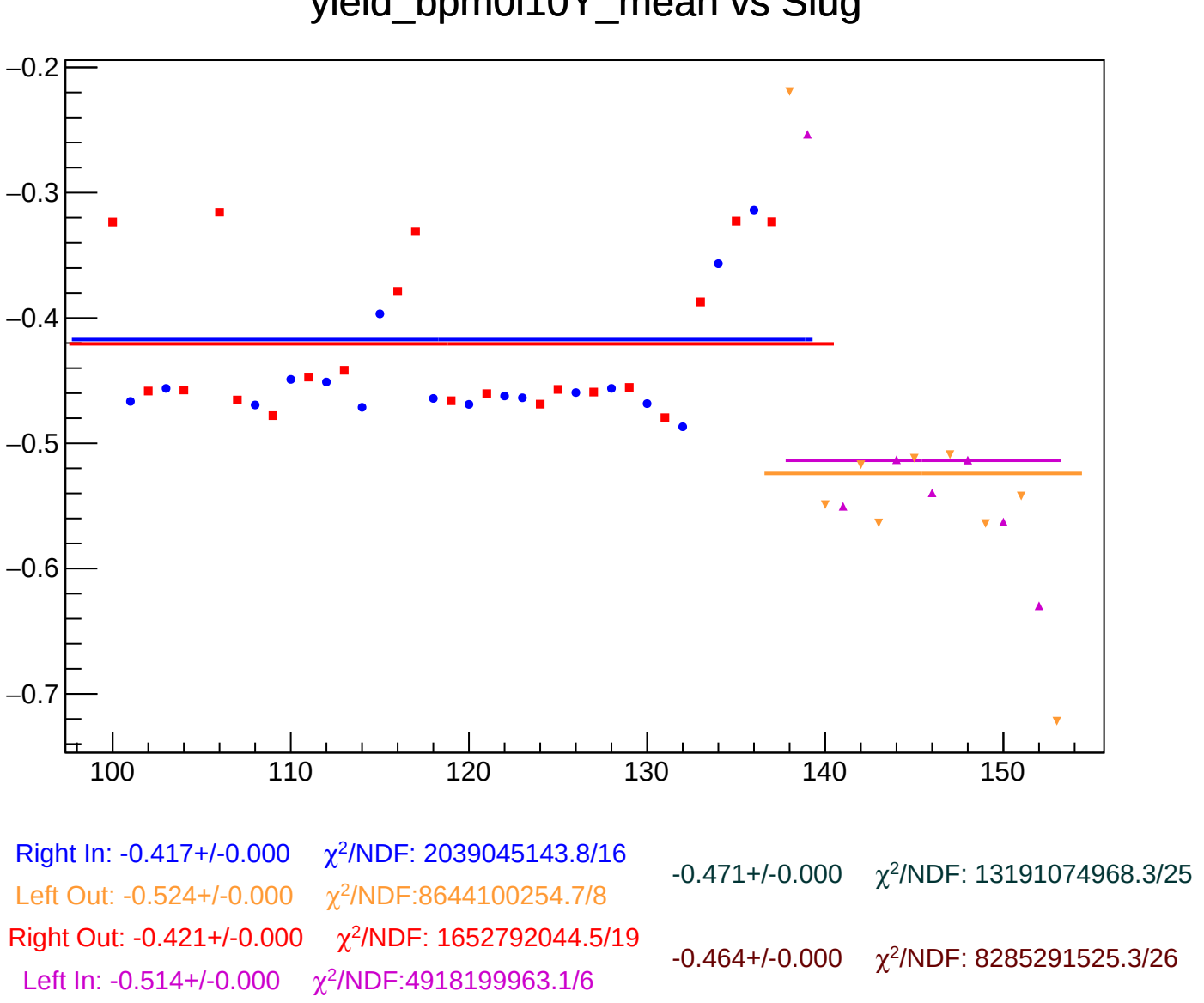
Left Out: 0.010+/-0.000 χ^2/NDF:39945.3/8

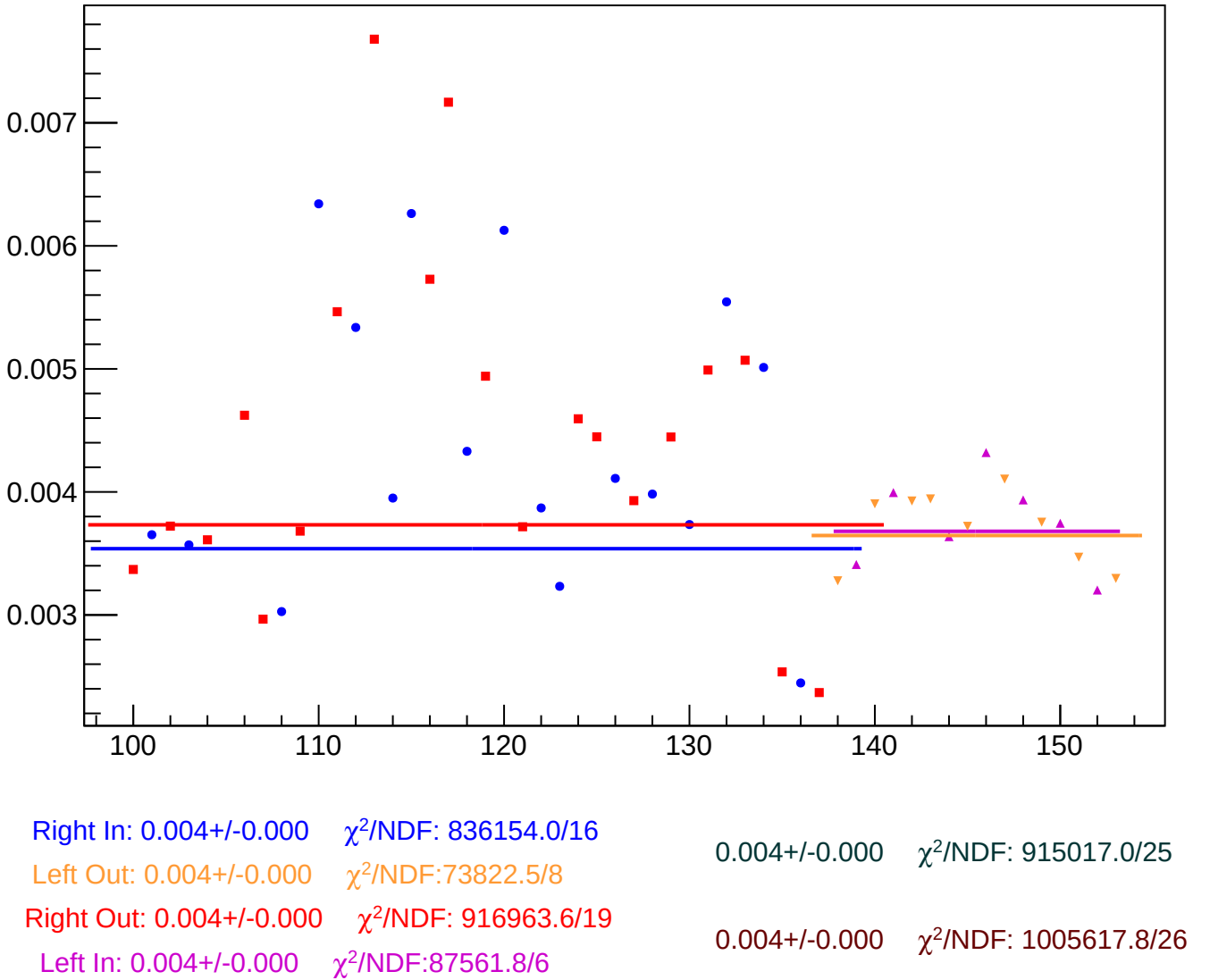
Right Out: 0.011+/-0.000 χ^2/NDF: 155700.3/19

Left In: 0.010+/-0.000 χ^2/NDF:37177.7/6

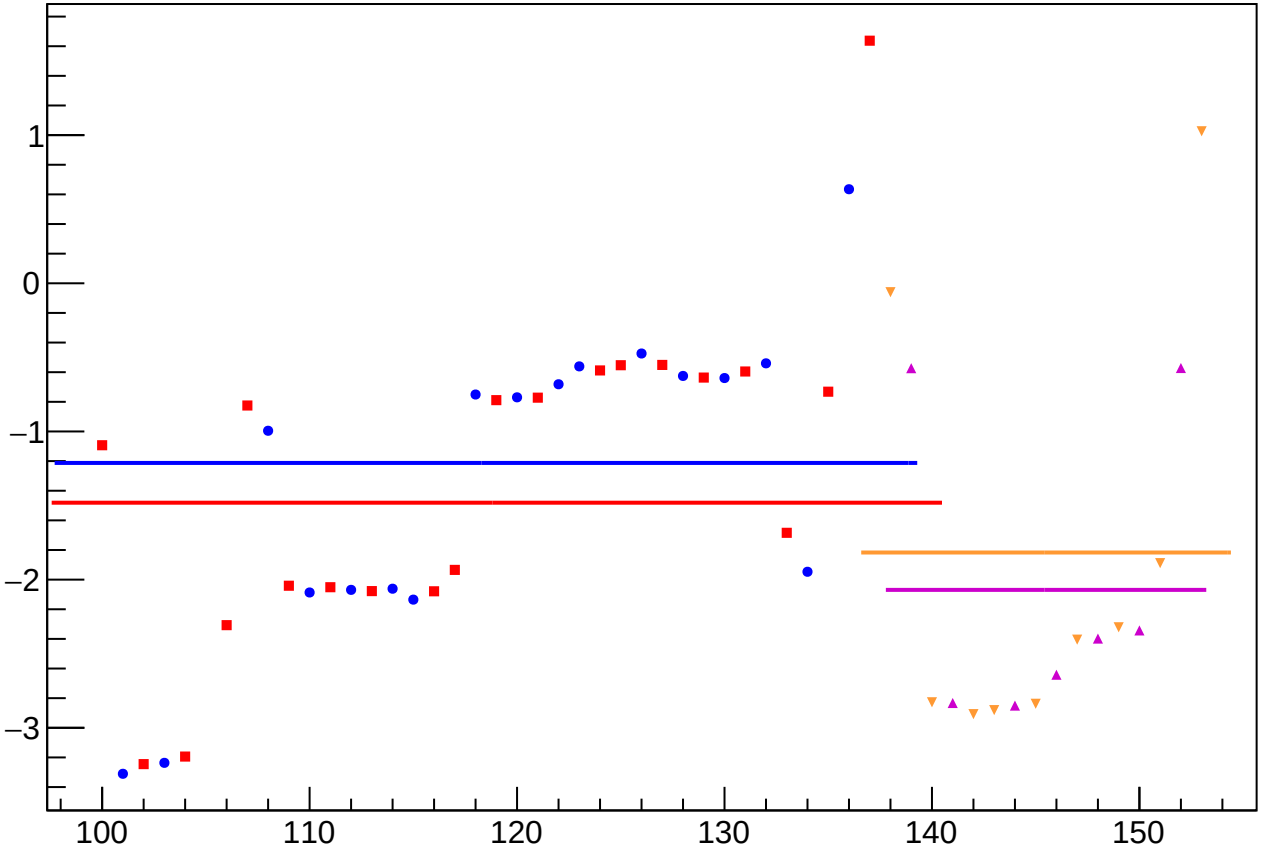
0.011+/-0.000 χ^2/NDF: 268194.2/25

0.011+/-0.000 χ^2/NDF: 277444.6/26


yield_bpm0l10Y_mean vs Slug
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
100
110
120
130
140
150
Right In: -0.417+/-0.000 χ²/NDF: 2039045143.8/16
Left Out: -0.524+/-0.000 χ²/NDF:8644100254.7/8
Right Out: -0.421+/-0.000 χ²/NDF: 1652792044.5/19
Left In: -0.514+/-0.000 χ²/NDF:4918199963.1/6
-0.471+/-0.000 χ²/NDF: 13191074968.3/25
-0.464+/-0.000 χ²/NDF: 8285291525.3/26


yield_bpm0l10Y_rms vs Slug
0.007
0.006
0.005
0.004
0.003
100
110
120
130
140
150
Right In: 0.004+/-0.000 χ²/NDF: 836154.0/16
Left Out: 0.004+/-0.000 χ²/NDF:73822.5/8
Right Out: 0.004+/-0.000 χ²/NDF: 916963.6/19
Left In: 0.004+/-0.000 χ²/NDF:87561.8/6
0.004+/-0.000 χ²/NDF: 915017.0/25
0.004+/-0.000 χ²/NDF: 1005617.8/26

yield_bpm0r03X_mean vs Slug



Right In: -1.212+/-0.000 χ^2/NDF: 1992853443.9/16

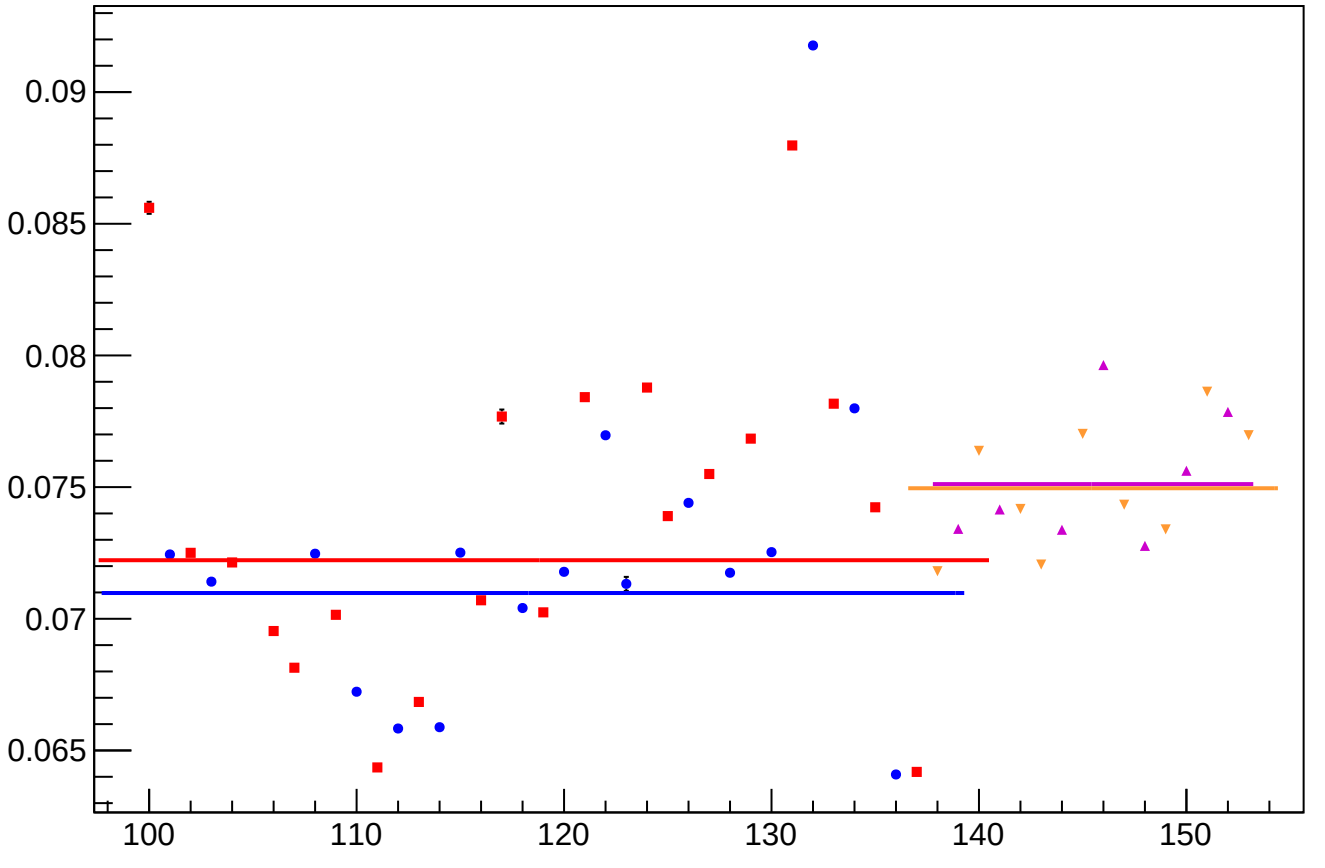
Left Out: -1.817+/-0.000 χ^2/NDF:2087069652.4/8

Right Out: -1.481+/-0.000 χ^2/NDF: 1579722113.8/19

Left In: -2.069+/-0.000 χ^2/NDF:827679721.9/6

-1.494+/-0.000 χ^2/NDF: 4301870935.3/25

-1.728+/-0.000 χ^2/NDF: 2602980431.6/26



Right In: 0.071+/-0.000 χ^2/NDF: 77589.5/16

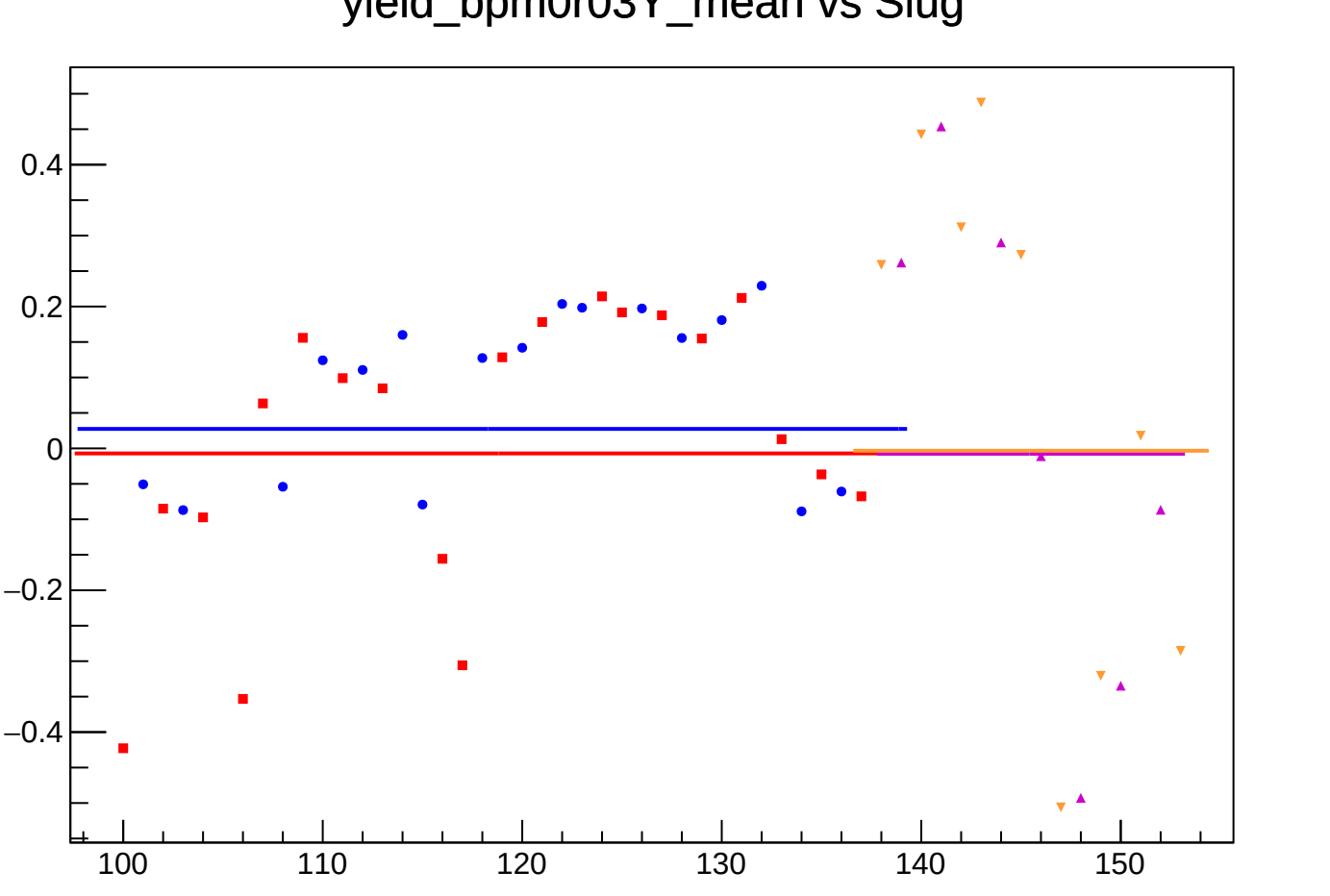
Left Out: 0.075+/-0.000 χ^2/NDF:11866.6/8

Right Out: 0.072+/-0.000 χ^2/NDF: 73650.9/19

Left In: 0.075+/-0.000 χ^2/NDF:10420.3/6

0.073+/-0.000 χ^2/NDF: 108678.2/25

0.073+/-0.000 χ^2/NDF: 93511.2/26



Right In: 0.027+/-0.000 χ^2/NDF: 562337631.4/16

Left Out: -0.003+/-0.000 χ^2/NDF:10887091059.9/8

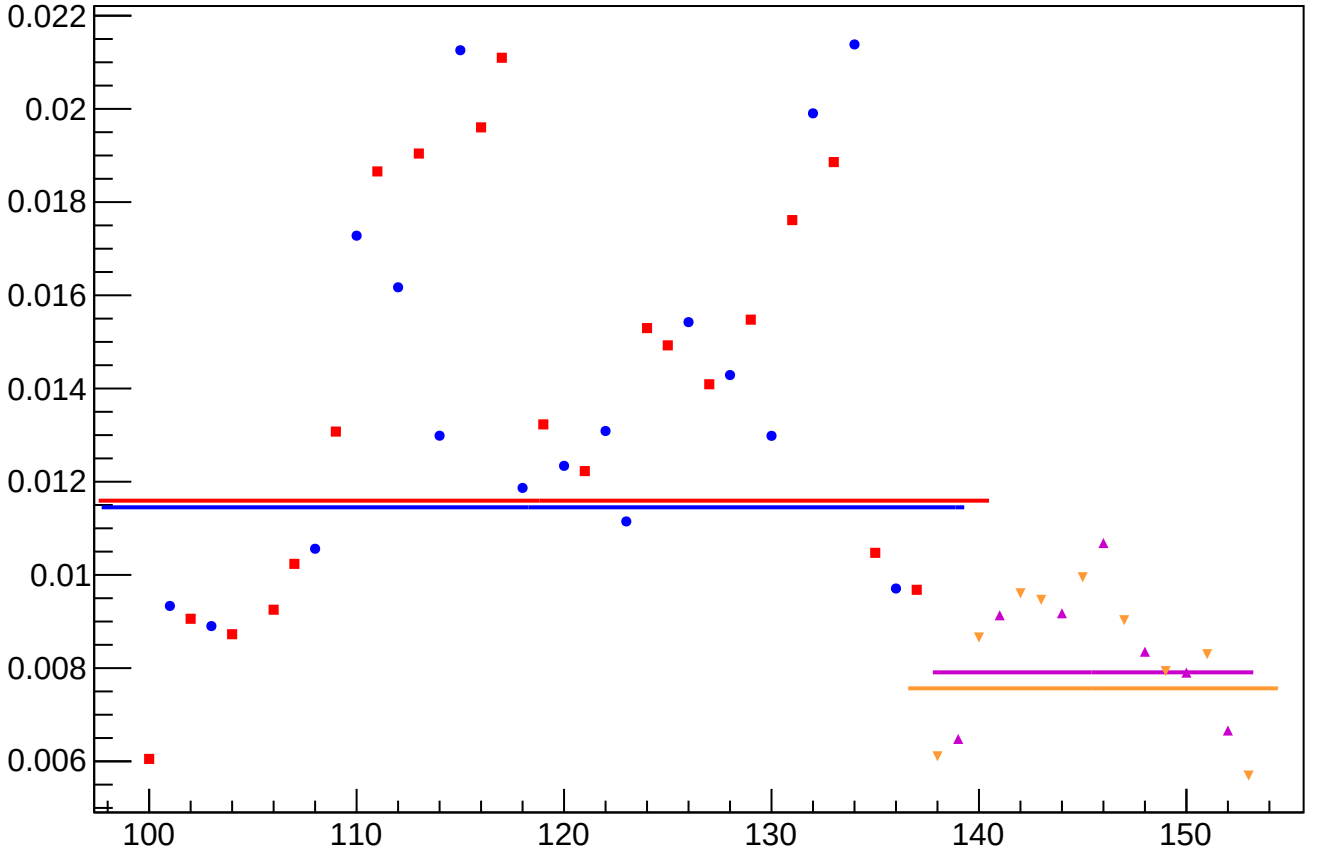
Right Out: -0.007+/-0.000 χ^2/NDF: 1207003891.2/19

Left In: -0.008+/-0.000 χ^2/NDF:7890329164.3/6

0.006+/-0.000 χ^2/NDF: 11478278919.0/25

-0.007+/-0.000 χ^2/NDF: 9097339967.6/26

yield_bpm0r03Y_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 679628.0/16

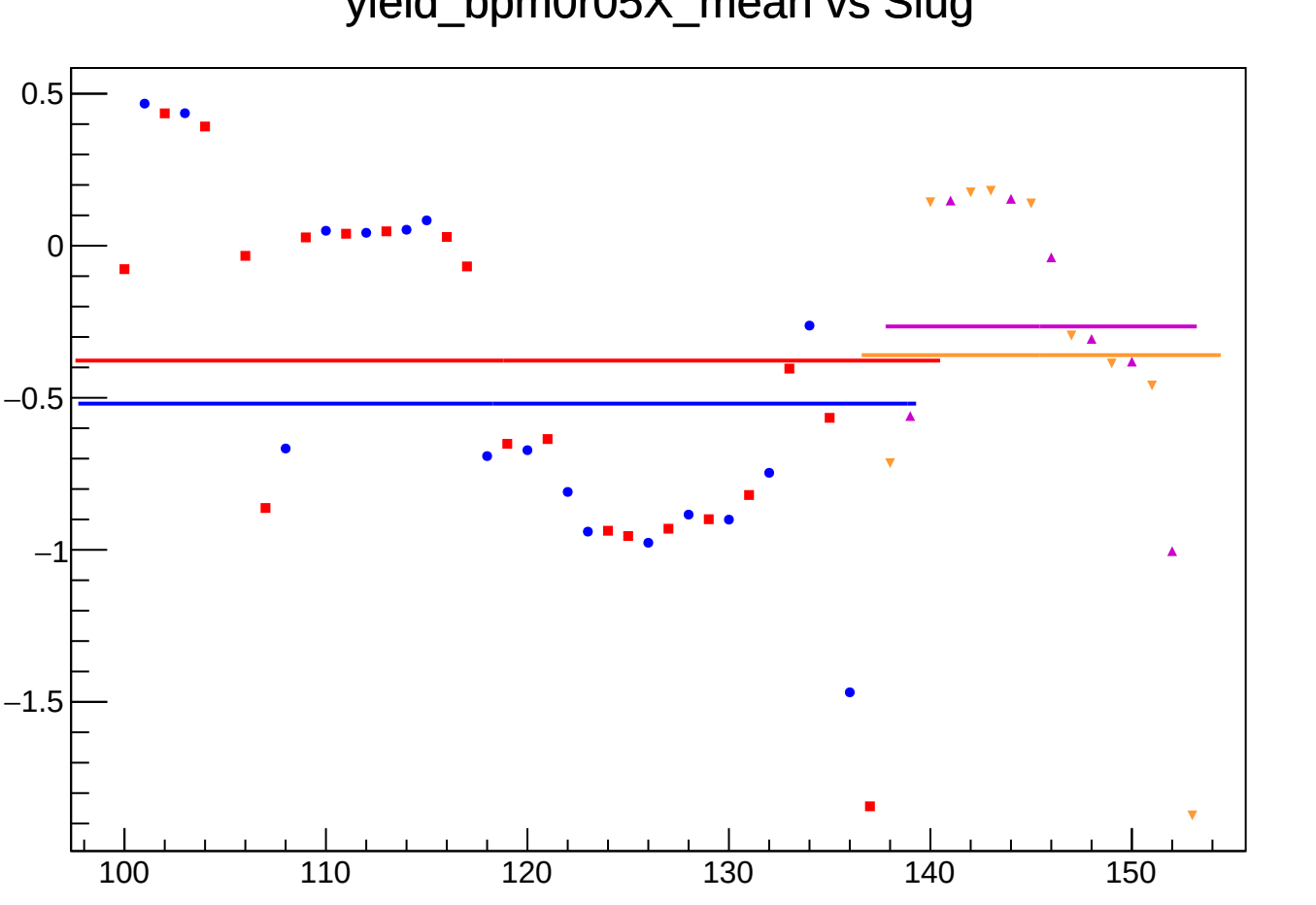
Left Out: 0.008+/-0.000 χ^2/NDF:479490.0/8

Right Out: 0.012+/-0.000 χ^2/NDF: 1012799.2/19

Left In: 0.008+/-0.000 χ^2/NDF:266188.9/6

0.009+/-0.000 χ^2/NDF: 2079998.5/25

0.009+/-0.000 χ^2/NDF: 2055731.9/26



Right In: -0.519+/-0.000 χ^2/NDF: 339383872.4/16

Left Out: -0.360+/-0.000 χ^2/NDF:325663415.7/8

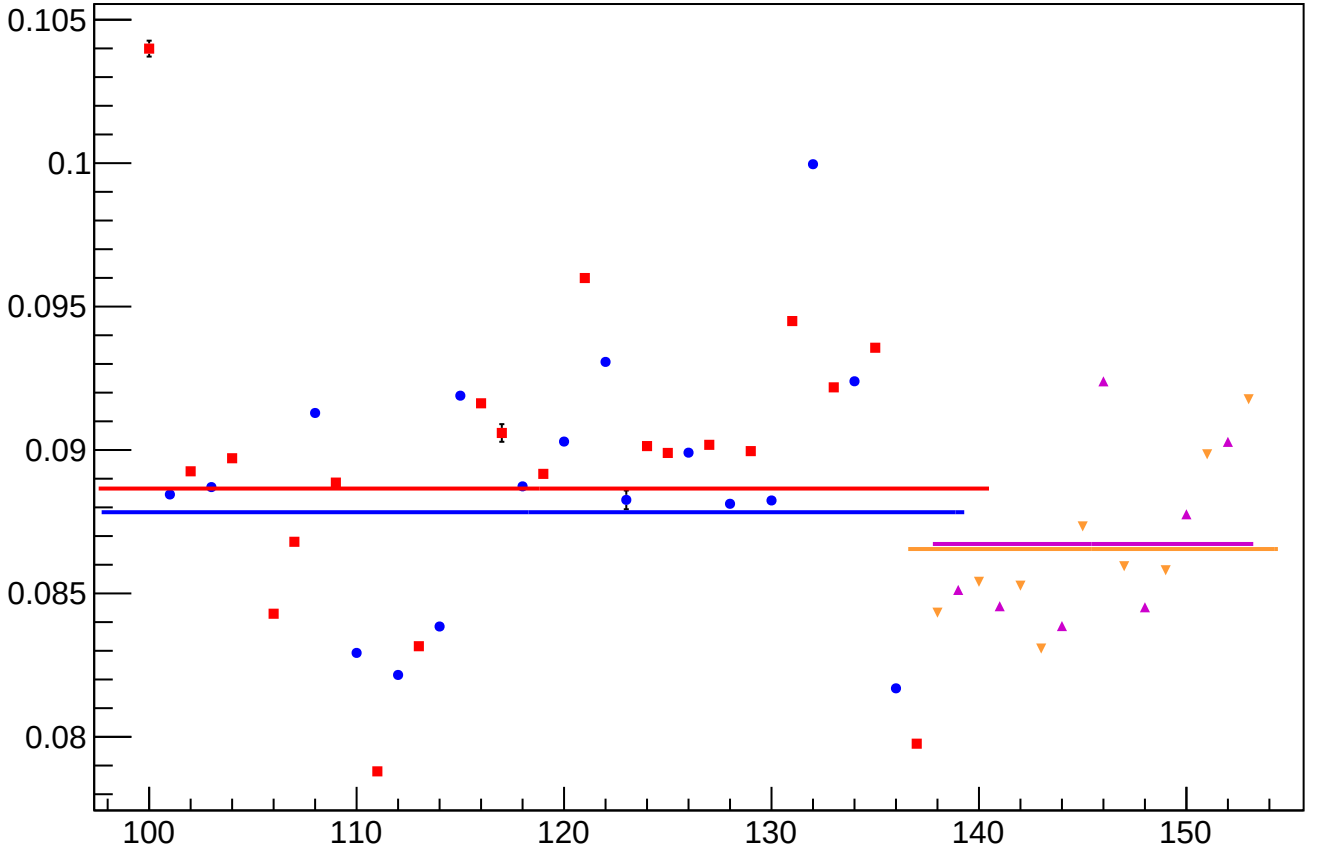
Right Out: -0.378+/-0.000 χ^2/NDF: 269130827.6/19

Left In: -0.265+/-0.000 χ^2/NDF:110893952.1/6

-0.439+/-0.000 χ^2/NDF: 676074616.2/25

-0.327+/-0.000 χ^2/NDF: 385190521.8/26

yield_bpm0r05X_rms vs Slug



Right In: 0.088+/-0.000 χ^2/NDF: 34954.4/16

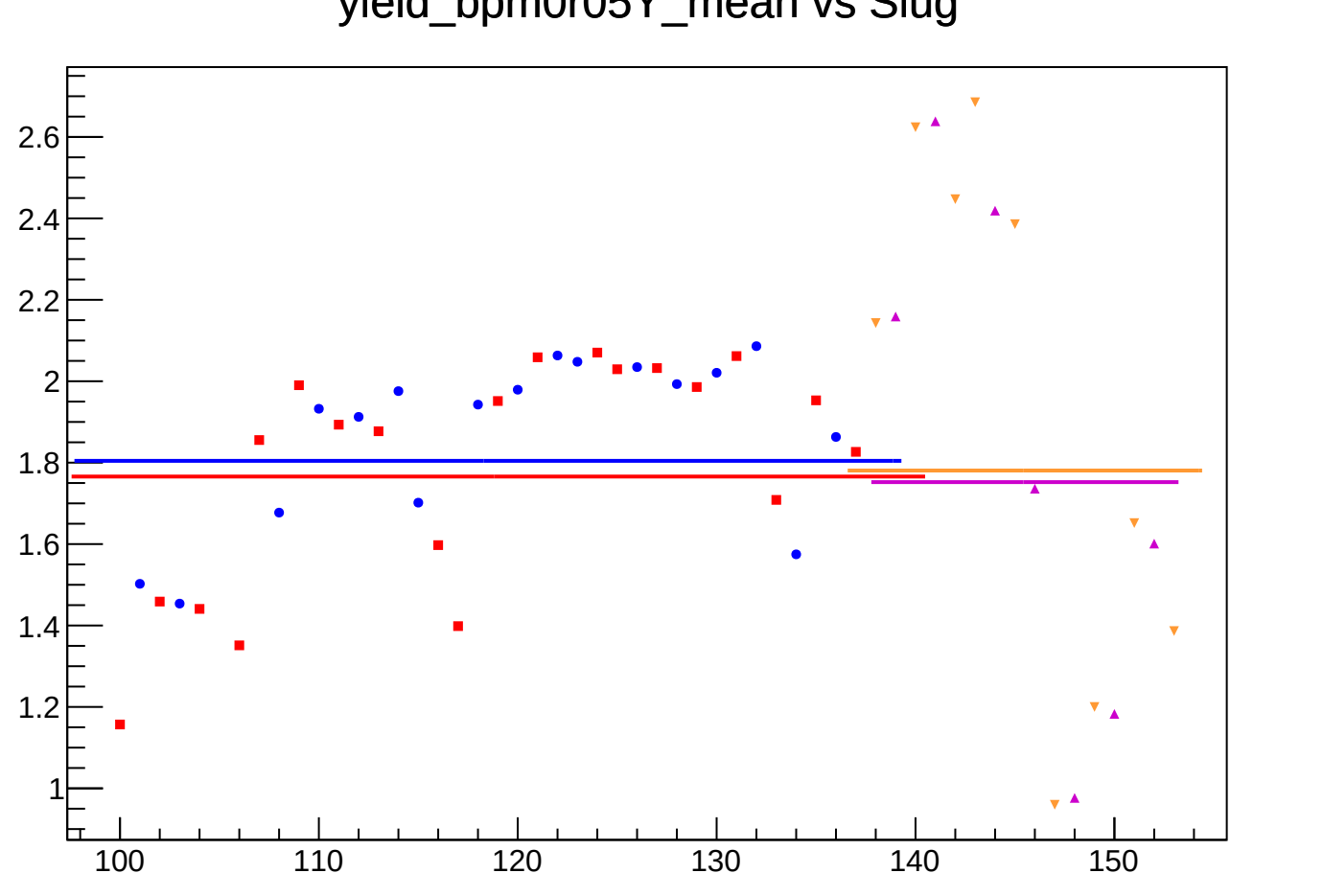
Left Out: 0.087+/-0.000 χ^2/NDF:11365.5/8

Right Out: 0.089+/-0.000 χ^2/NDF: 39762.8/19

Left In: 0.087+/-0.000 χ^2/NDF:13373.4/6

0.087+/-0.000 χ^2/NDF: 47748.9/25

0.088+/-0.000 χ^2/NDF: 56198.4/26



Right In: 1.804+/-0.000 χ^2/NDF: 1156747883.2/16

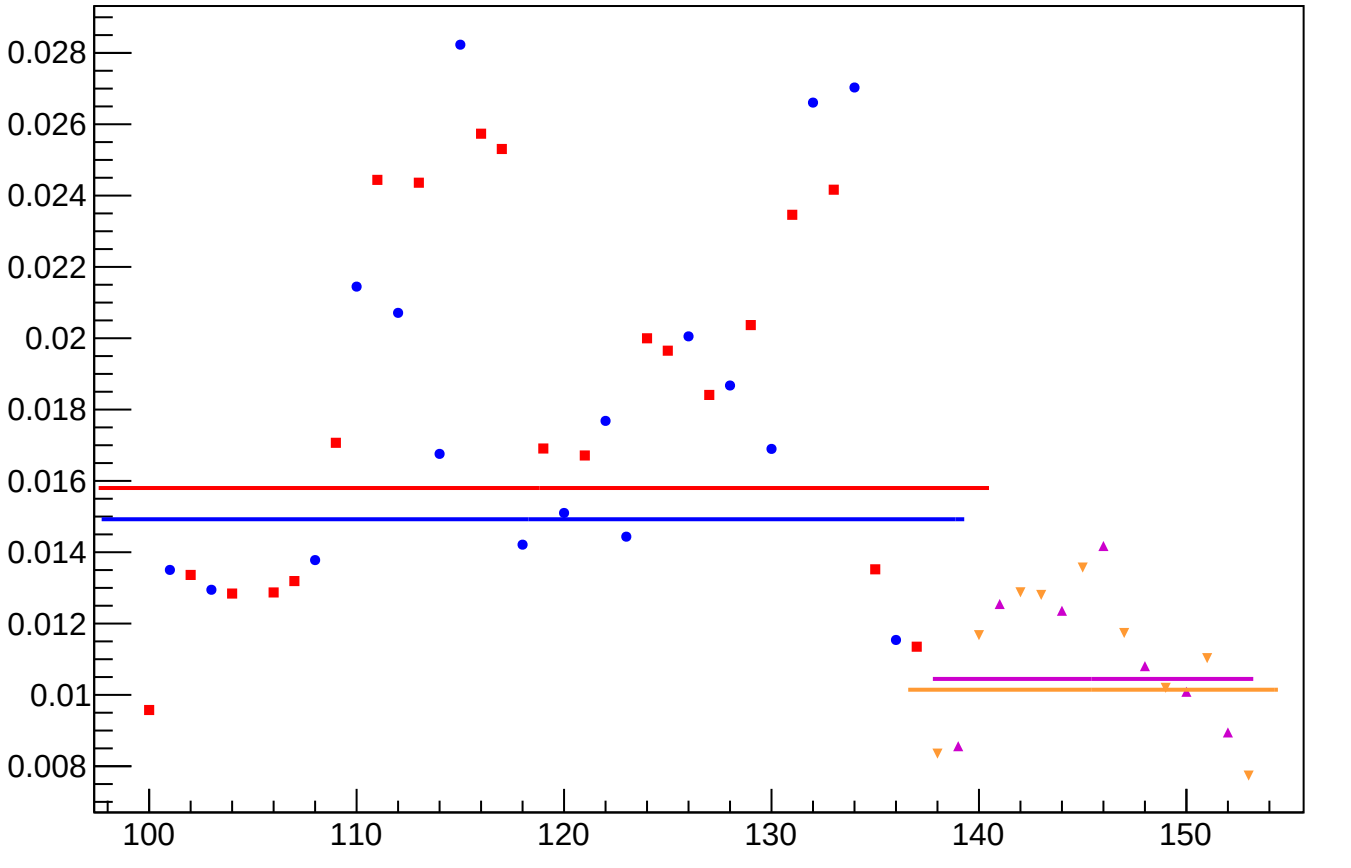
Left Out: 1.781+/-0.000 χ^2/NDF:18288782889.5/8

Right Out: 1.766+/-0.000 χ^2/NDF: 1717275187.7/19

Left In: 1.752+/-0.000 χ^2/NDF:14232185059.1/6

1.788+/-0.000 χ^2/NDF: 19455574933.8/25

1.757+/-0.000 χ^2/NDF: 15952445372.3/26



Right In: 0.015+/-0.000 χ^2/NDF: 643651.9/16

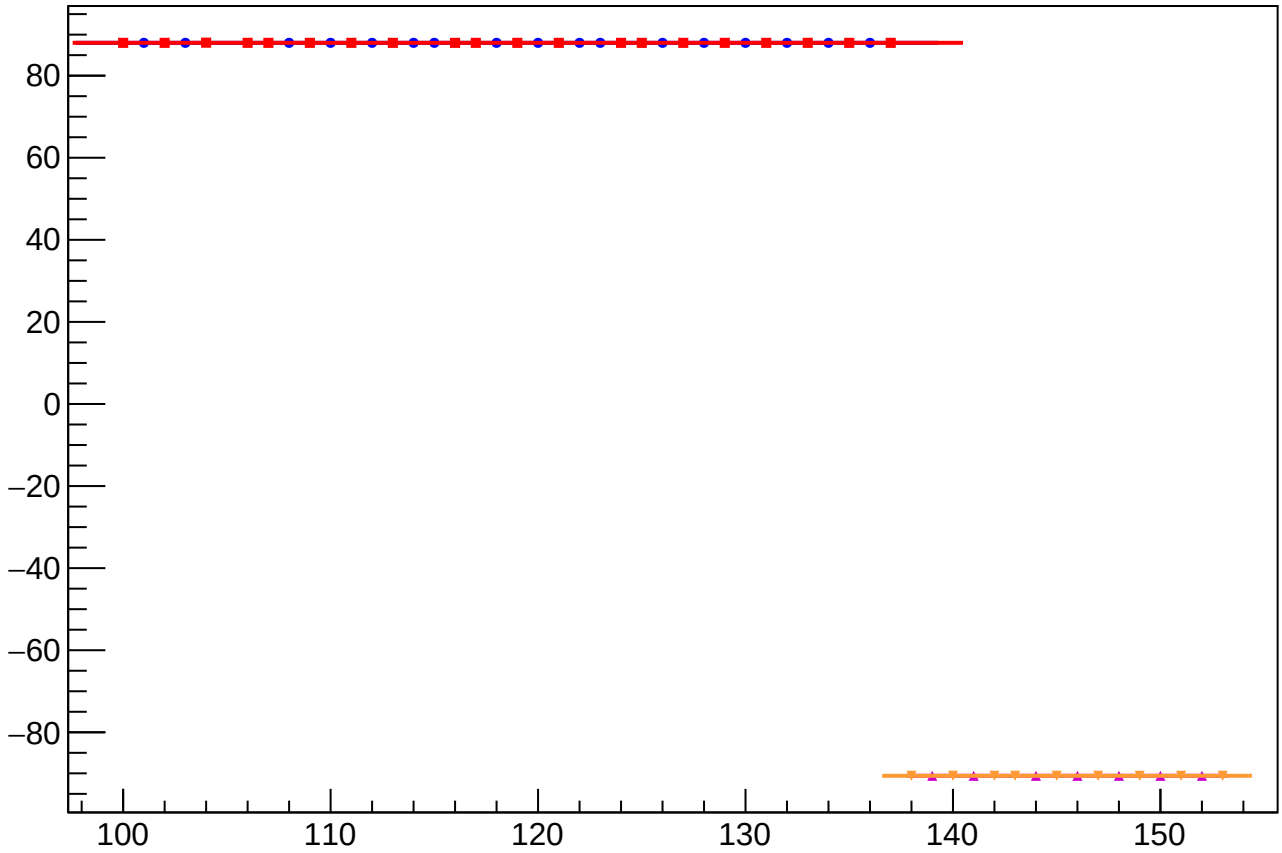
Left Out: 0.010+/-0.000 χ^2/NDF:448703.1/8

Right Out: 0.016+/-0.000 χ^2/NDF: 796839.8/19

Left In: 0.010+/-0.000 χ^2/NDF:281896.3/6

0.012+/-0.000 χ^2/NDF: 1903001.6/25

0.012+/-0.000 χ^2/NDF: 1993254.0/26



Right In: 88.001+/-0.000 χ^2/NDF: 1852068.7/16

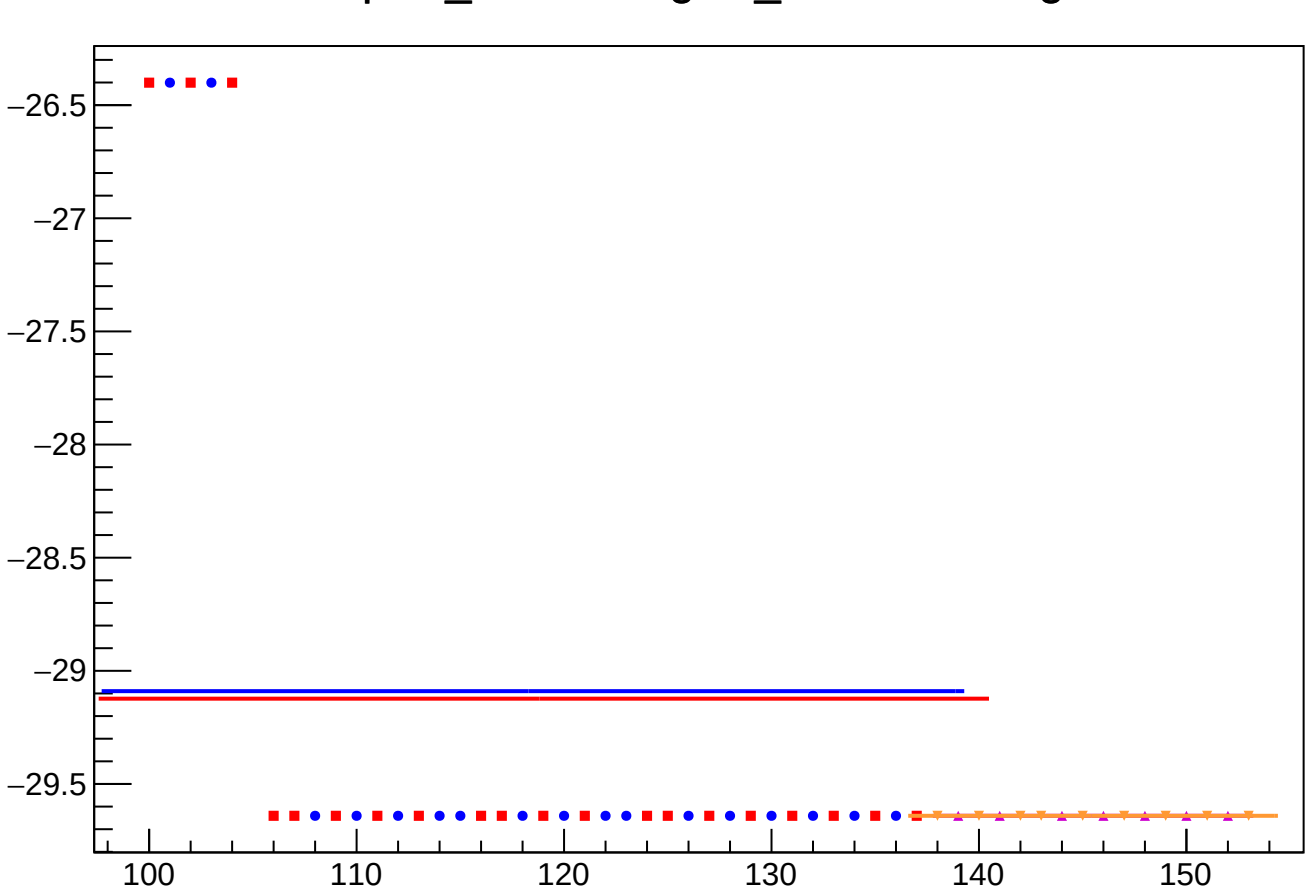
Left Out: -90.599+/-0.000 χ^2/NDF:3329119.2/8

Right Out: 88.004+/-0.000 χ^2/NDF: 7757836641192800742761142681 6.0/19

Left In: -90.599+/-0.000 χ^2/NDF:1128083.7/6

-0.258+/-0.000 χ^2/NDF: 109395123285131083

8.081+/-0.000 χ^2/NDF: 1036323419014011981



Right In: -29.090+/-0.000 χ^2/NDF: 10280992461095219297938351985786880/16

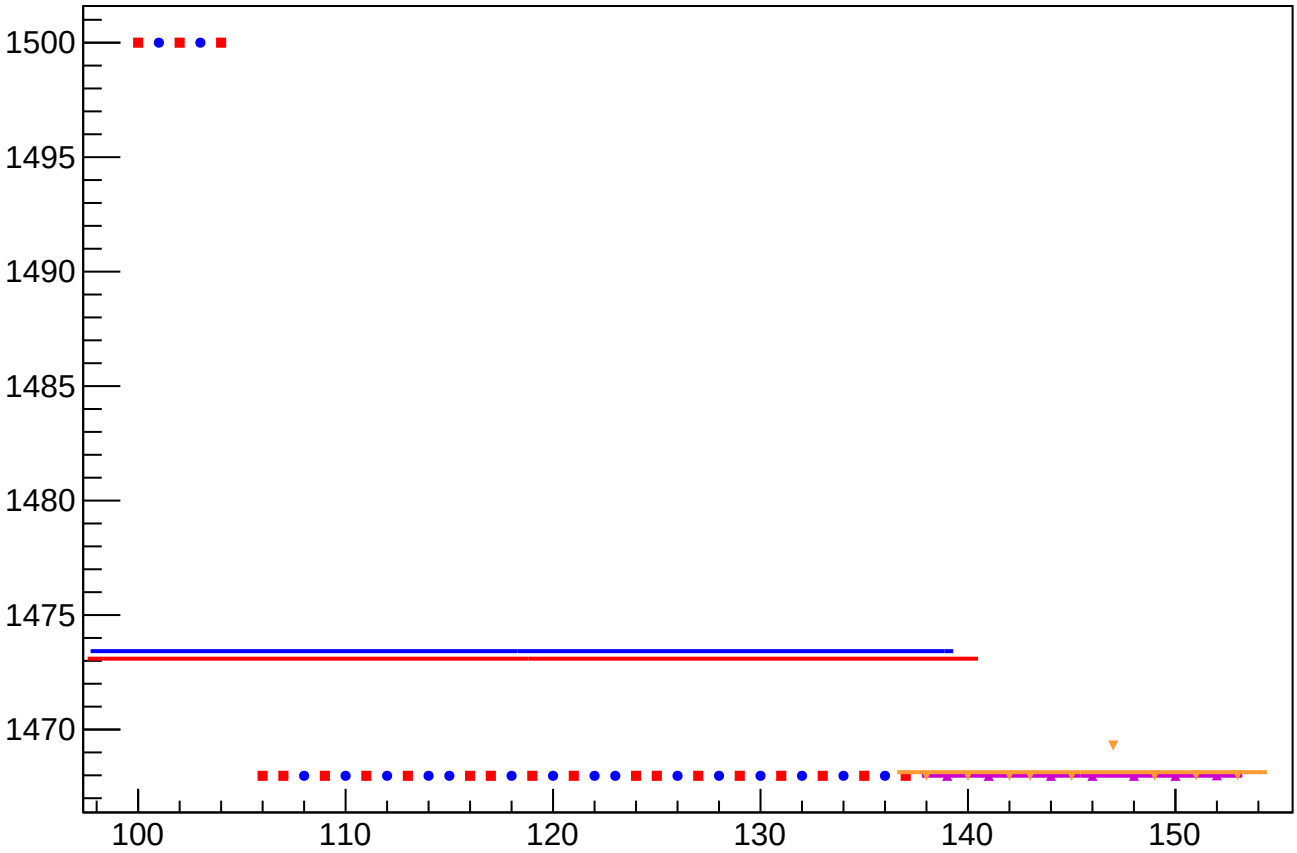
-29.362+/-0.000 χ^2/NDF: 11321799323615103

Left Out: -29.641+/-0.000 χ^2/NDF:173549.4/8

Right Out: -29.123+/-0.000 χ^2/NDF: 10231545123967022545834447208448000/19

-29.355+/-0.000 χ^2/NDF: 11102210630136850

Left In: -29.641+/-0.000 χ^2/NDF:33170.0/6



Right In: 1473.424+/-0.000 χ^2/NDF: 10042129582824550512578449704484864 0.0/16

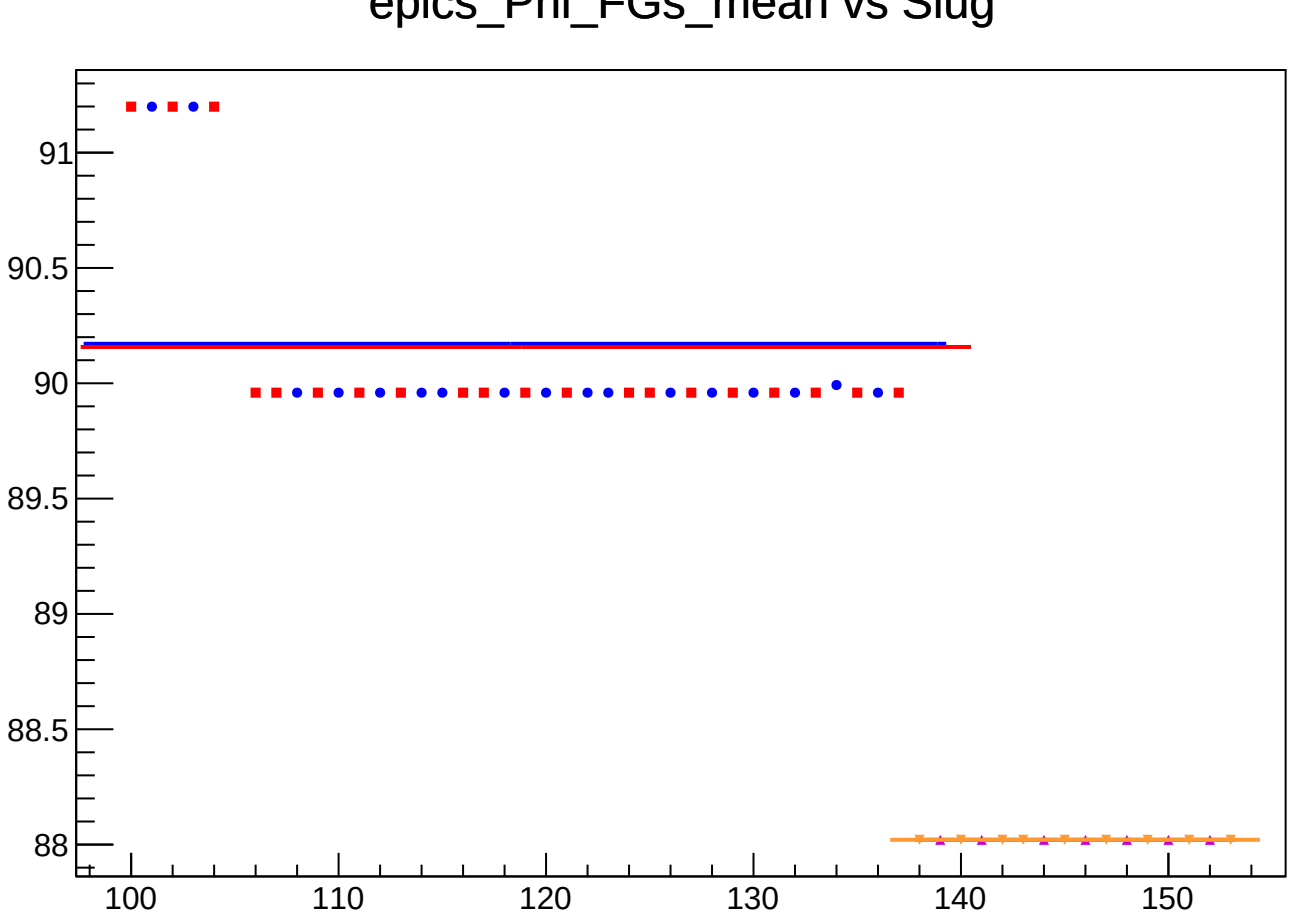
1470.811+/-0.000 χ^2/NDF: 1101298227480479

Left Out: 1468.136+/-0.000 χ^2/NDF:11973992301231535617930846588108 8.0/8

Right Out: 1473.096+/-0.000 χ^2/NDF: 99938310777099611815298348687032320.0/19

1470.807+/-0.000 χ^2/NDF: 1084328752947394

Left In: 1467.982+/-0.000 χ^2/NDF:29651020398863189254275596288.0/6



Right In: 90.171+/-0.000 χ^2/NDF: 150316905454500935857801185460224.0/16

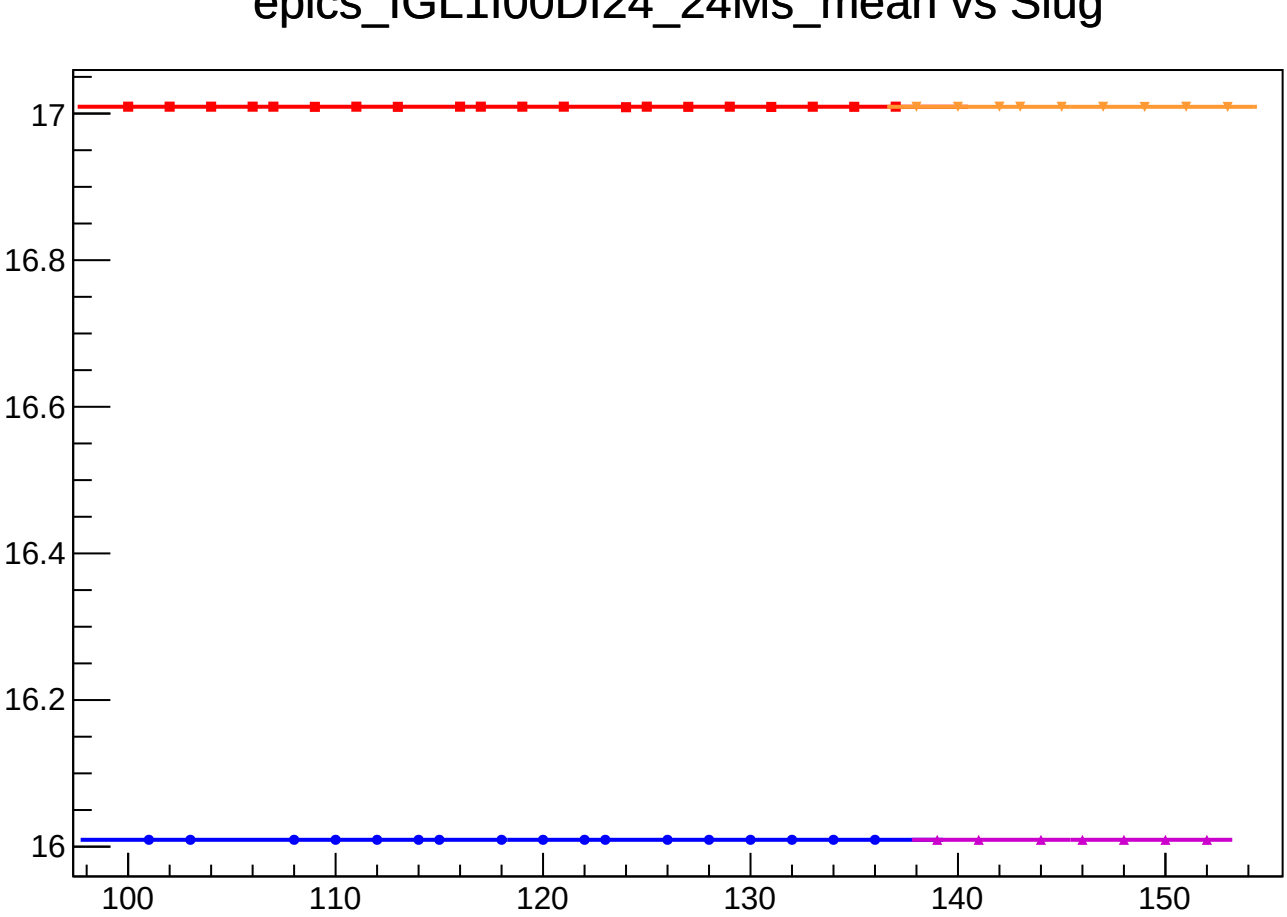
89.108+/-0.000 χ^2/NDF: 17362522675712493

Left Out: 88.021+/-0.000 χ^2/NDF:2892506.8/8

Right Out: 90.157+/-0.000 χ^2/NDF: 149863052341628336344772108091392.0/19

89.201+/-0.000 χ^2/NDF: 163311184500604441

Left In: 88.021+/-0.000 χ^2/NDF:1220172.2/6



Right In: 16.009+/-0.000 χ^2/NDF: 44327.7/16

Left Out: 17.009+/-0.000 χ^2/NDF:765981417069321992431206 4.0/8

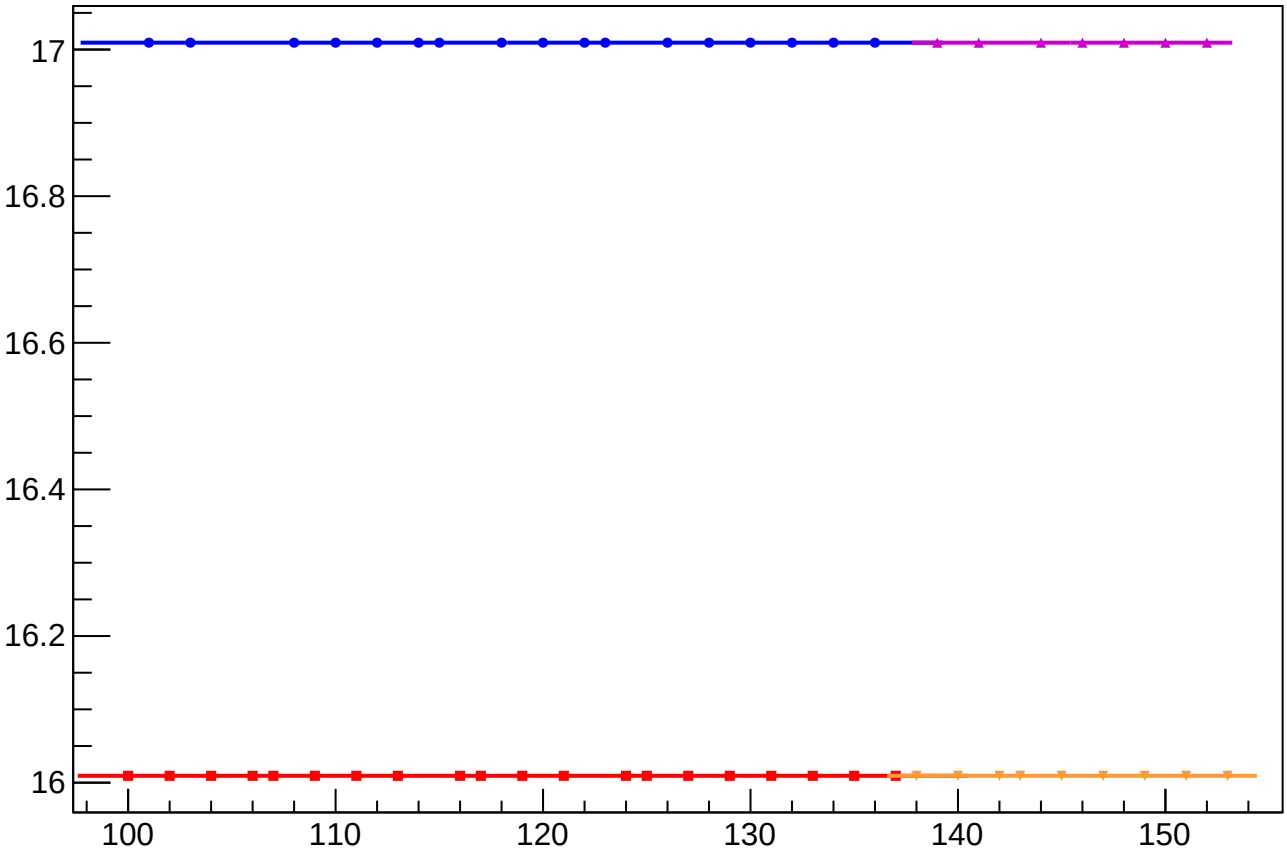
Right Out: 17.009+/-0.000 χ^2/NDF: 1254878336668674095788851 2.0/19

Left In: 16.009+/-0.000 χ^2/NDF:33952.6/6

16.490+/-0.000 χ^2/NDF: 318431875720654907

16.552+/-0.000 χ^2/NDF: 300714711779962105

epics_IGL1I00OD16_16s_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF: 132629.6/16

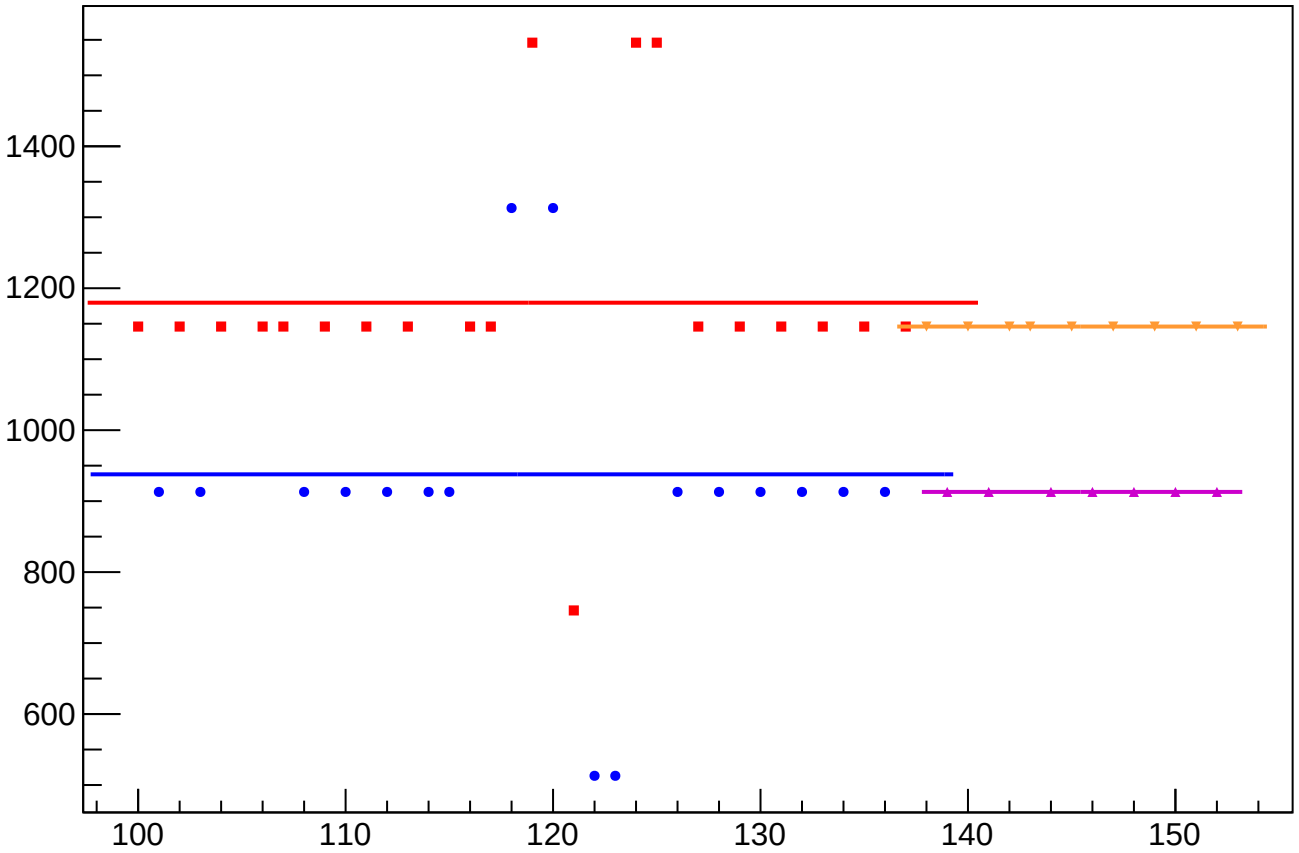
Left Out: 16.009+/-0.000 χ^2/NDF:26922.2/8

Right Out: 16.009+/-0.000 χ^2/NDF: 42750.0/19

Left In: 17.009+/-0.000 χ^2/NDF:15411.2/6

16.506+/-0.000 χ^2/NDF: 332987987987983053

16.459+/-0.000 χ^2/NDF: 323467482784975091



Right In: 937.779+/-0.000 χ^2/NDF: 208550472258393892430056381002725457920/16

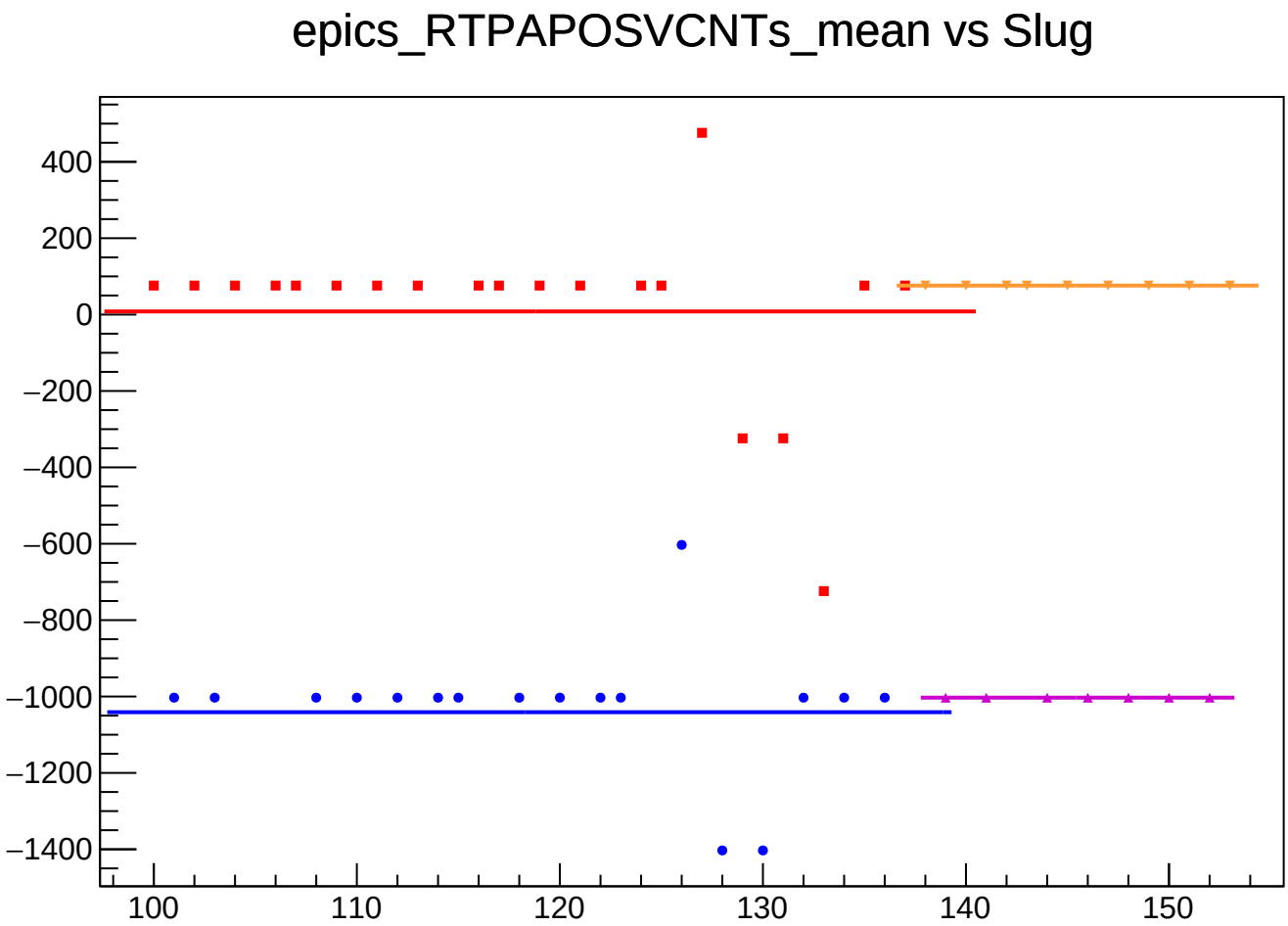
1040.681+/-0.000 χ^2/NDF: 3572560144890629

Left Out: 1146.011+/-0.000 χ^2/NDF:212761159862088813435577958 4.0/8

Right Out: 1179.619+/-0.000 χ^2/NDF: 214206597317386793068294800978749685 76.0/19

1060.307+/-0.000 χ^2/NDF: 445158524463589

Left In: 912.993+/-0.000 χ^2/NDF:947415394277796774900924416 0.0/6



Right In: -1041.030+/-0.000 χ^2/NDF: 22675401109943882512554797113855180800.0/16

-489.023+/-0.000 χ^2/NDF: 4506051398969413

Left Out: 76.010+/-0.000 χ^2/NDF:28720077323107659581478666624.0/8

Right Out: 8.240+/-0.000 χ^2/NDF: 43865391744972338137265798243810279424.0/19

-444.273+/-0.000 χ^2/NDF: 3760797945780045

Left In: -1002.990+/-0.000 χ^2/NDF:97374870943366826811824537 6.0/6