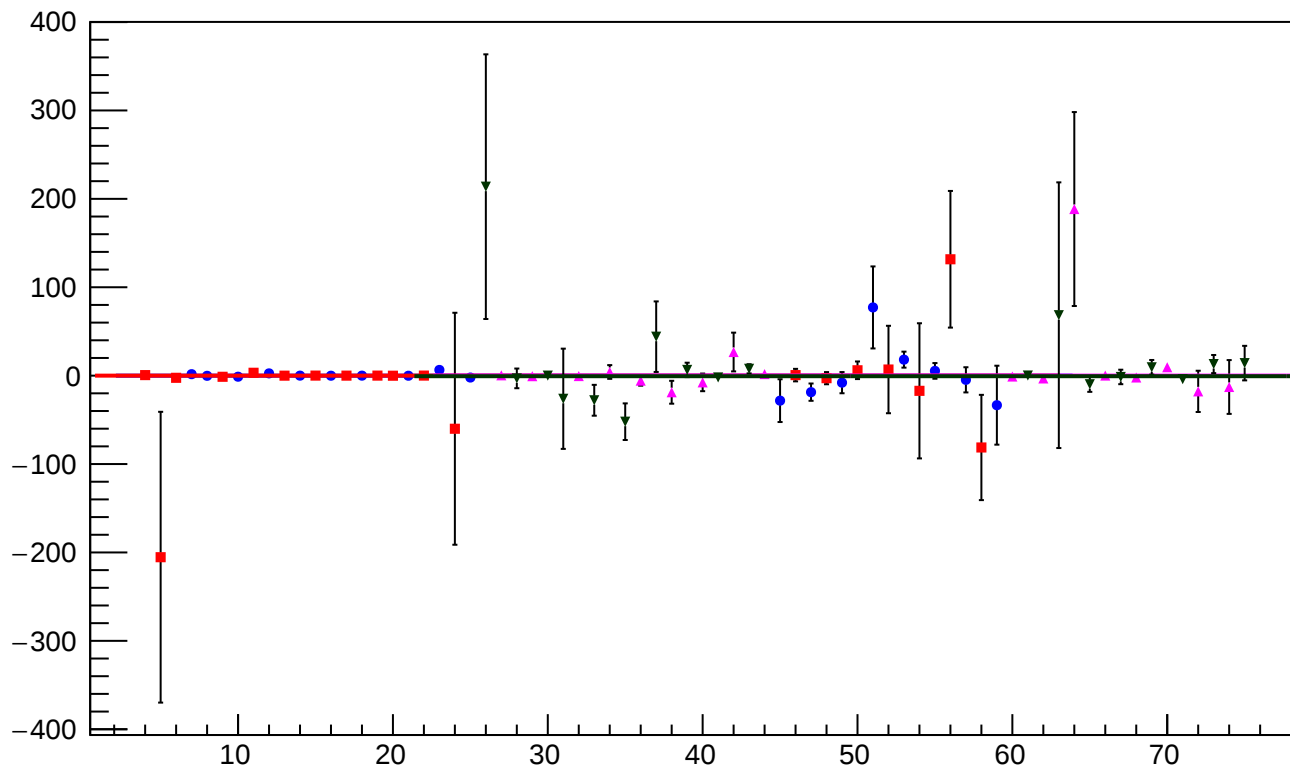


diff_cav4bX_mean vs slug



Right In: -0.014 $\pm$ 0.014

Left Out: -0.624 $\pm$ 1.128

Right Out: 0.017 $\pm$ 0.016

Left In: 0.070 $\pm$ 0.073

χ^2 /NDF: 31.2/17

χ^2 /NDF: 22.5/17

χ^2 /NDF: 24.7/18

χ^2 /NDF: 25.6/16

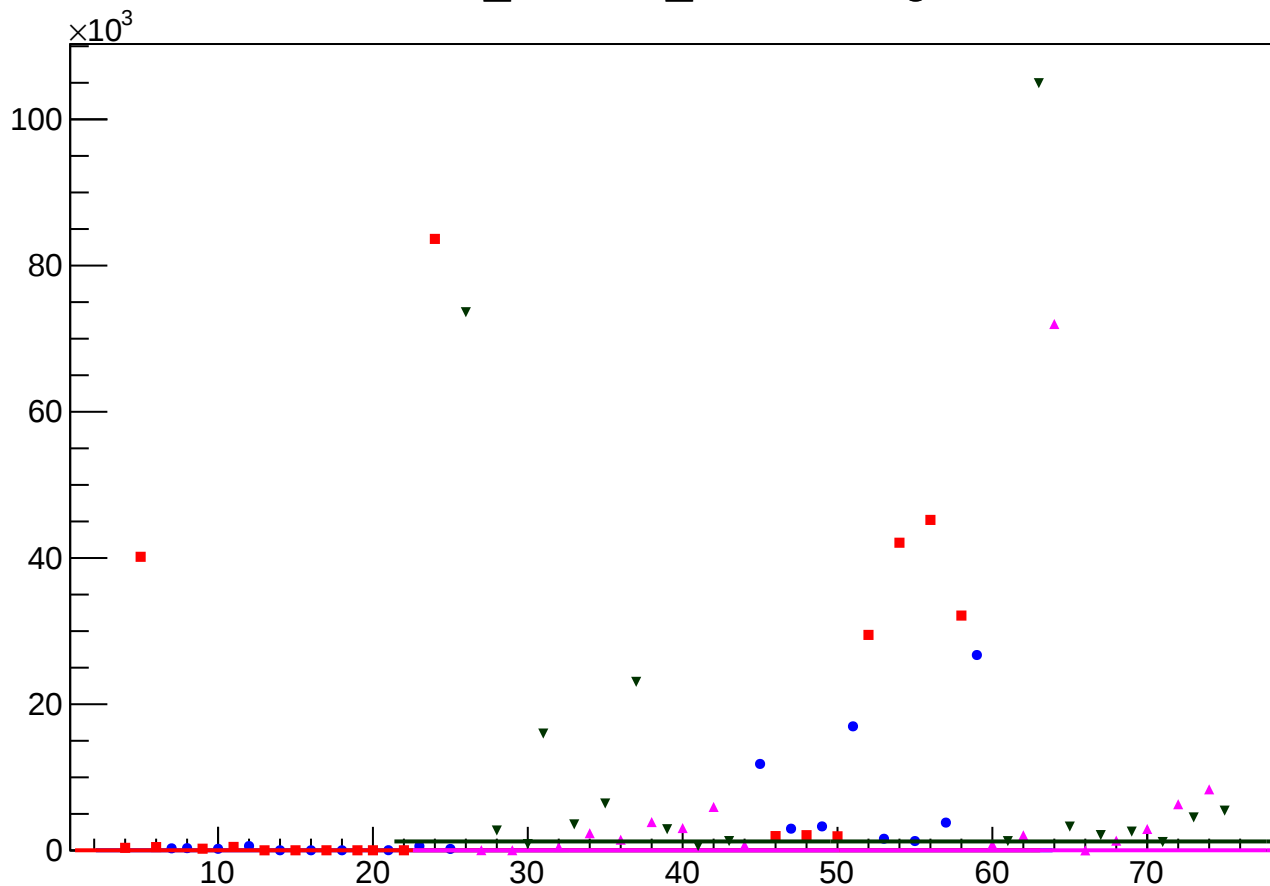
-0.014 $\pm$ 0.014

0.019 $\pm$ 0.016

χ^2 /NDF: 54.0/35

χ^2 /NDF: 50.8/35

diff_cav4bX_rms vs slug



Right In: 22.429 $\pm$ 0.010 χ^2/NDF : 2804434.6/17

Left Out: 1233.480 $\pm$ 0.797 χ^2/NDF : 3140742.2/17

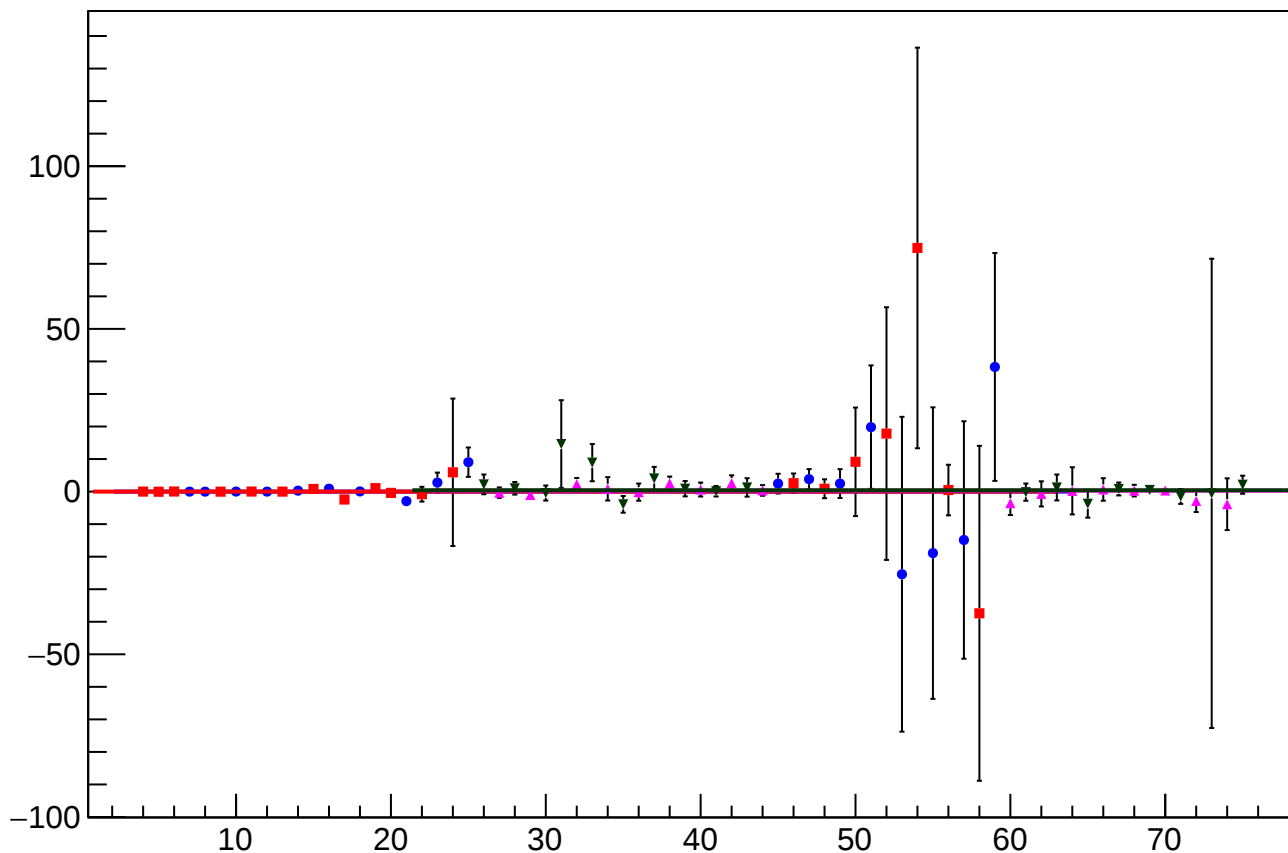
Right Out: 22.611 $\pm$ 0.011 χ^2/NDF : 4395534.2/18

Left In: 24.544 $\pm$ 0.052 χ^2/NDF : 4909230.1/16

22.625 $\pm$ 0.010 χ^2/NDF : 8251980.2/35

22.701 $\pm$ 0.011 χ^2/NDF : 9306104.5/35

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 χ^2/NDF : 23.6/17

Left Out: 0.408 ± 0.593 χ^2/NDF : 10.1/17

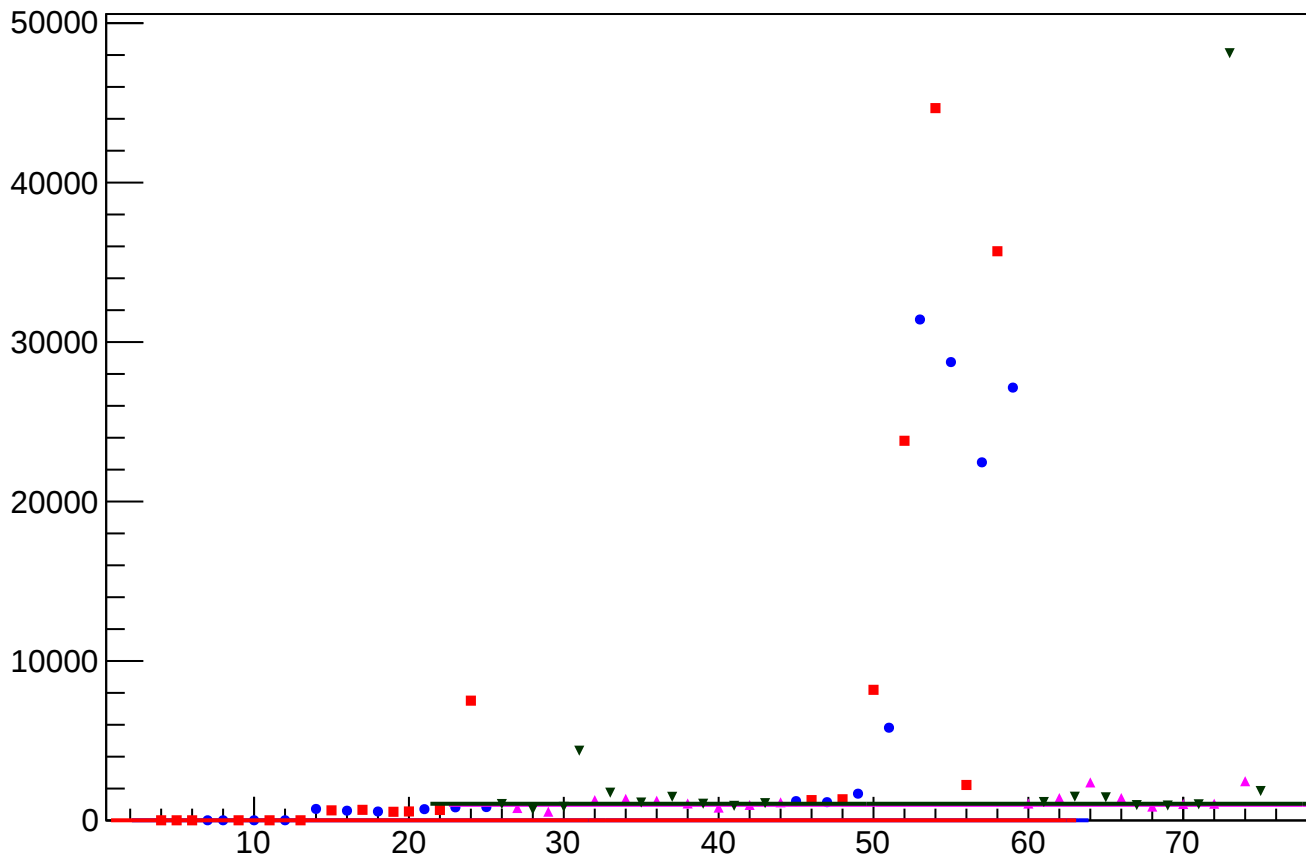
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.279 ± 0.528 χ^2/NDF : 6.8/16

-0.001 ± 0.006 χ^2/NDF : 34.2/35

0.002 ± 0.005 χ^2/NDF : 27.4/35

diff_cav4bY_rms vs slug



Right In: 10.507+/-0.005 χ^2/NDF : 8959205.7/17

Left Out: 1047.516+/-0.419 χ^2/NDF :1361645.1/17

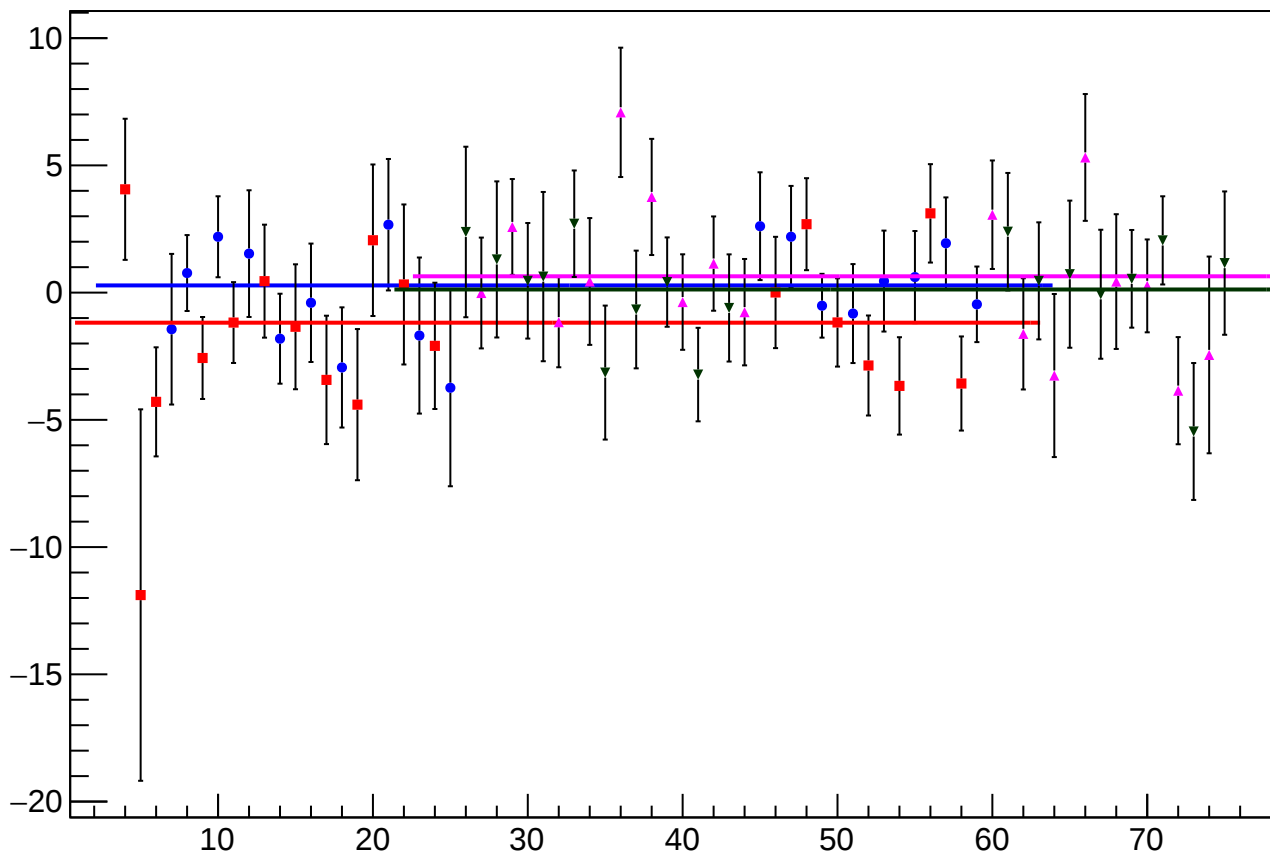
Right Out: 10.086 ± 0.004 χ^2/NDF : 6750125.6/18

Left In: 978.627+/-0.373 χ^2/NDF :572643.9/16

10.631+/-0.005 χ^2/NDF : 16442214.2/35

10.189+/-0.004 χ^2/NDF : 14053136.1/35

diff_cav4cX_mean vs slug



Right In: 0.283 ± 0.455 χ^2/NDF : 11.8/17

Left Out: 0.123 ± 0.542 χ^2/NDF : 14.0/17

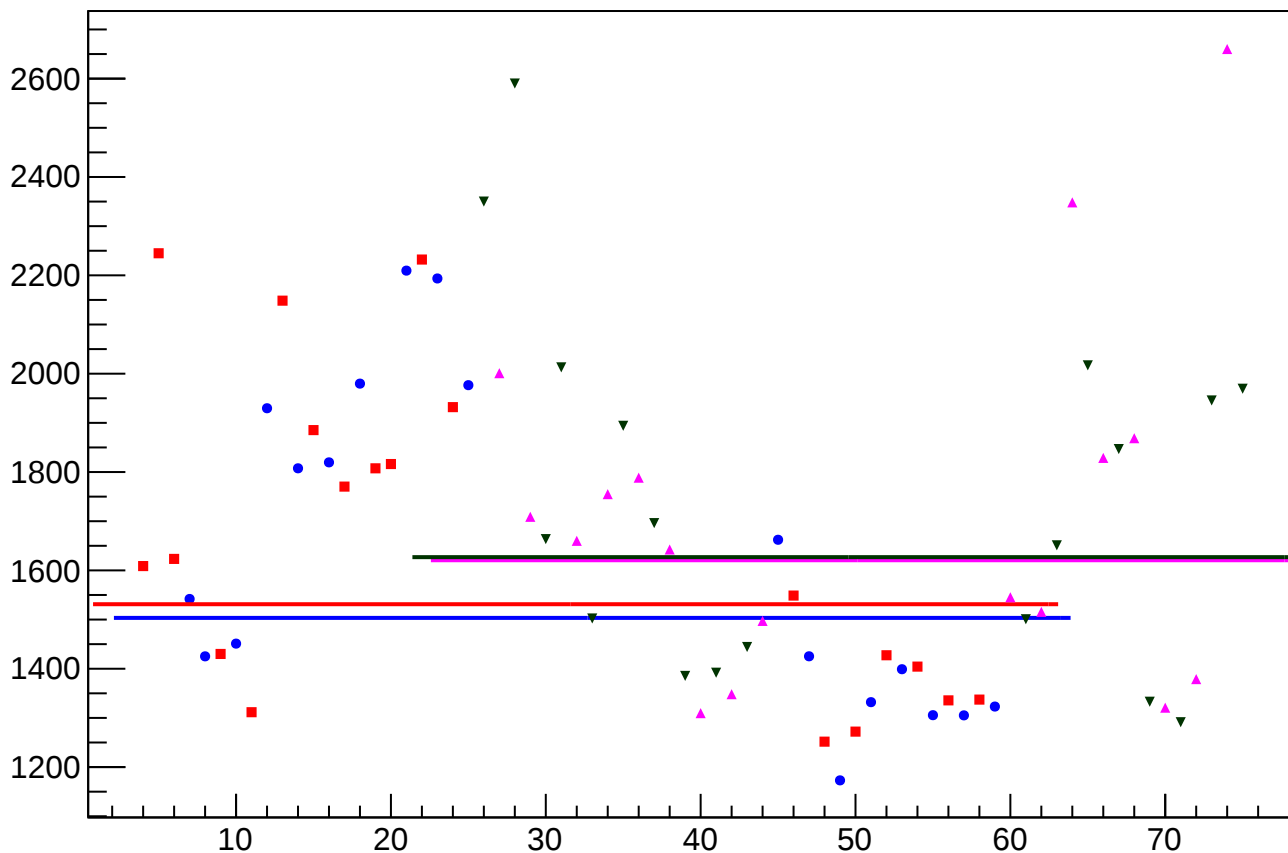
Right Out: -1.182 ± 0.494 χ^2/NDF : 26.5/18

Left In: 0.641 ± 0.531 χ^2/NDF : 23.9/16

0.217 ± 0.349 χ^2/NDF : 25.9/35

-0.337 ± 0.362 χ^2/NDF : 56.8/35

diff_cav4cX_rms vs slug



Right In: 1503.404+/-0.322 χ^2/NDF : 776769.4/17

Left Out: 1626.919+/-0.383 χ^2/NDF : 670158.9/17

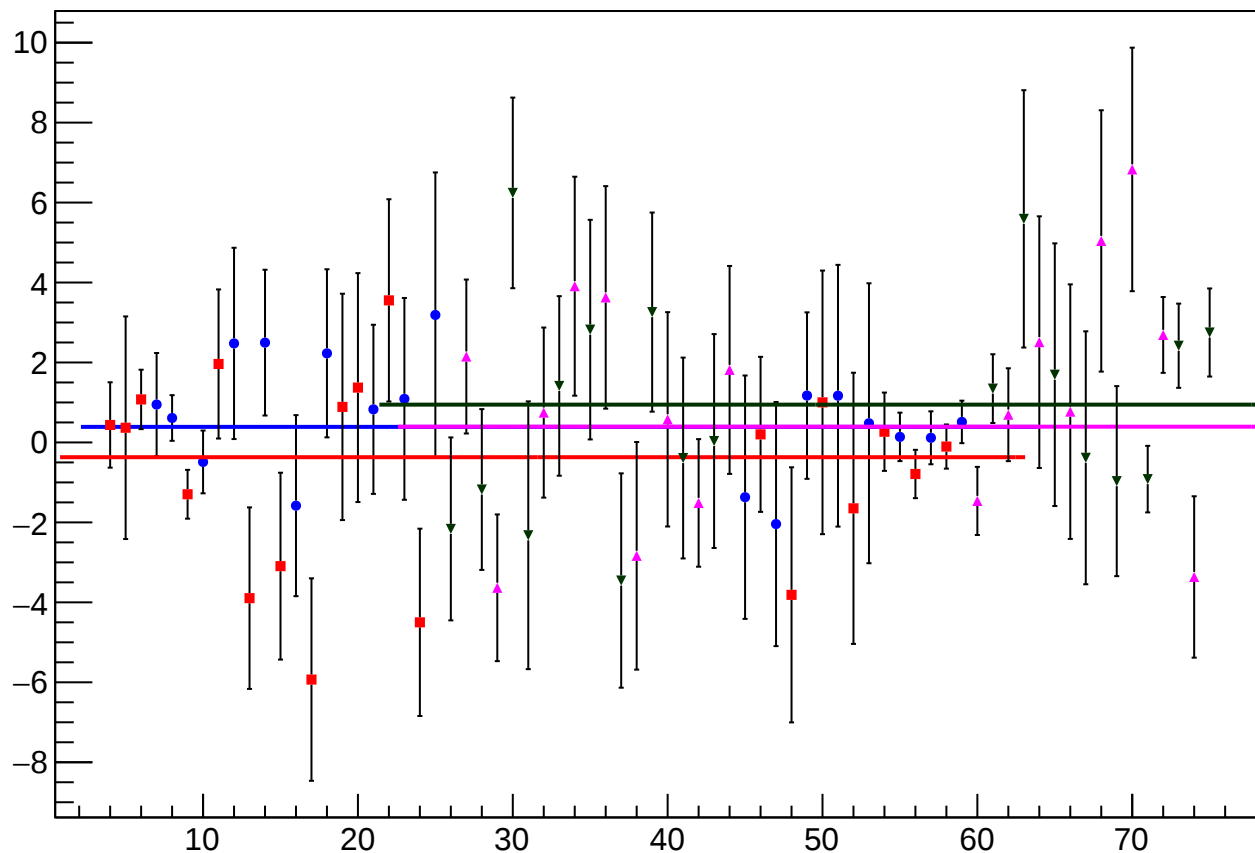
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1620.627+/-0.375 χ^2/NDF : 553020.7/16

1554.531+/-0.247 χ^2/NDF : 1507833.1/35

1572.663+/-0.256 χ^2/NDF : 1204751.5/35

diff_cav4cY_mean vs slug



Right In: 0.389 ± 0.251 χ^2/NDF : 7.5/17

Left Out: 0.945 ± 0.389 χ^2/NDF : 26.1/17

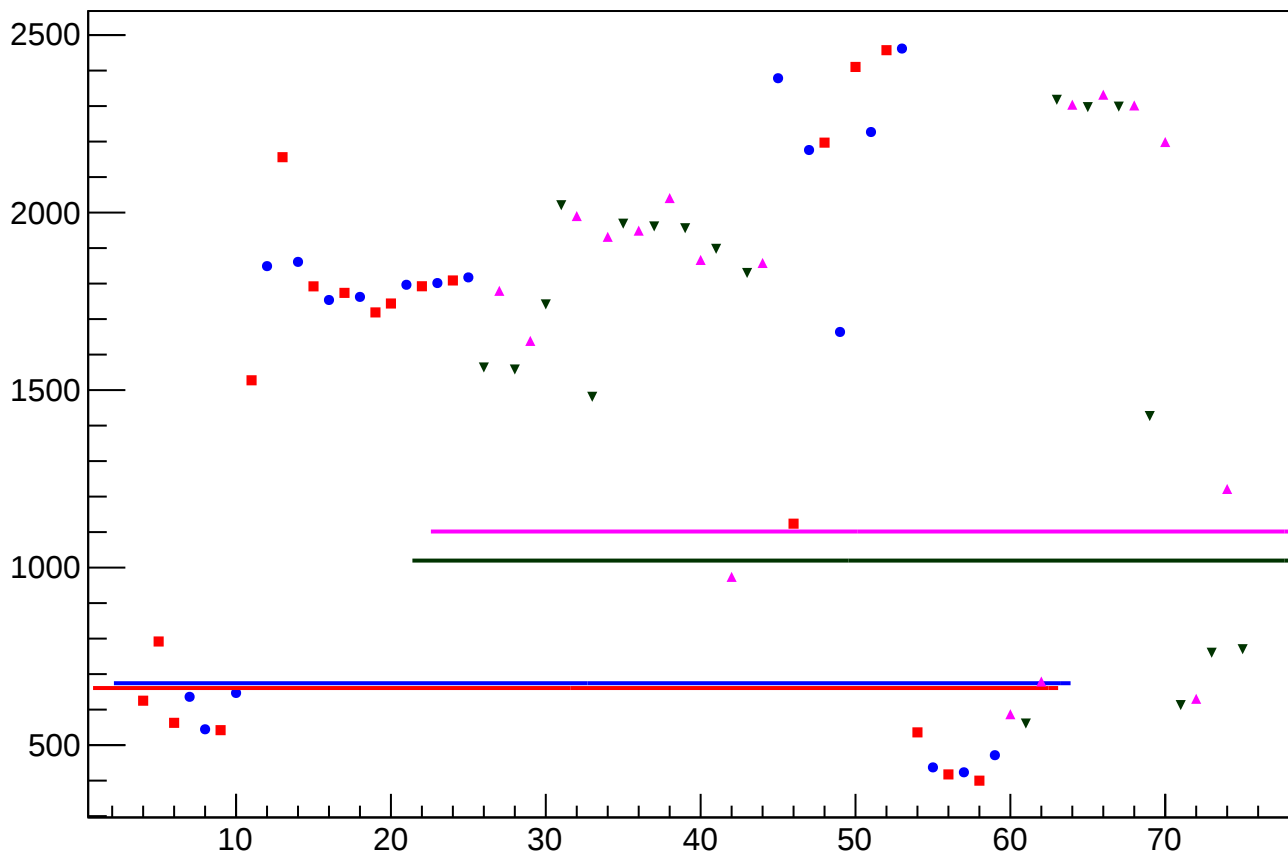
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: 0.394 ± 0.418 χ^2/NDF : 32.8/16

0.553 ± 0.211 χ^2/NDF : 35.1/35

-0.153 ± 0.222 χ^2/NDF : 60.9/35

diff_cav4cY_rms vs slug



Right In: 674.323+/-0.178 χ^2/NDF : 7013232.4/17

Left Out: 1019.766+/-0.275 χ^2/NDF : 4183517.5/17

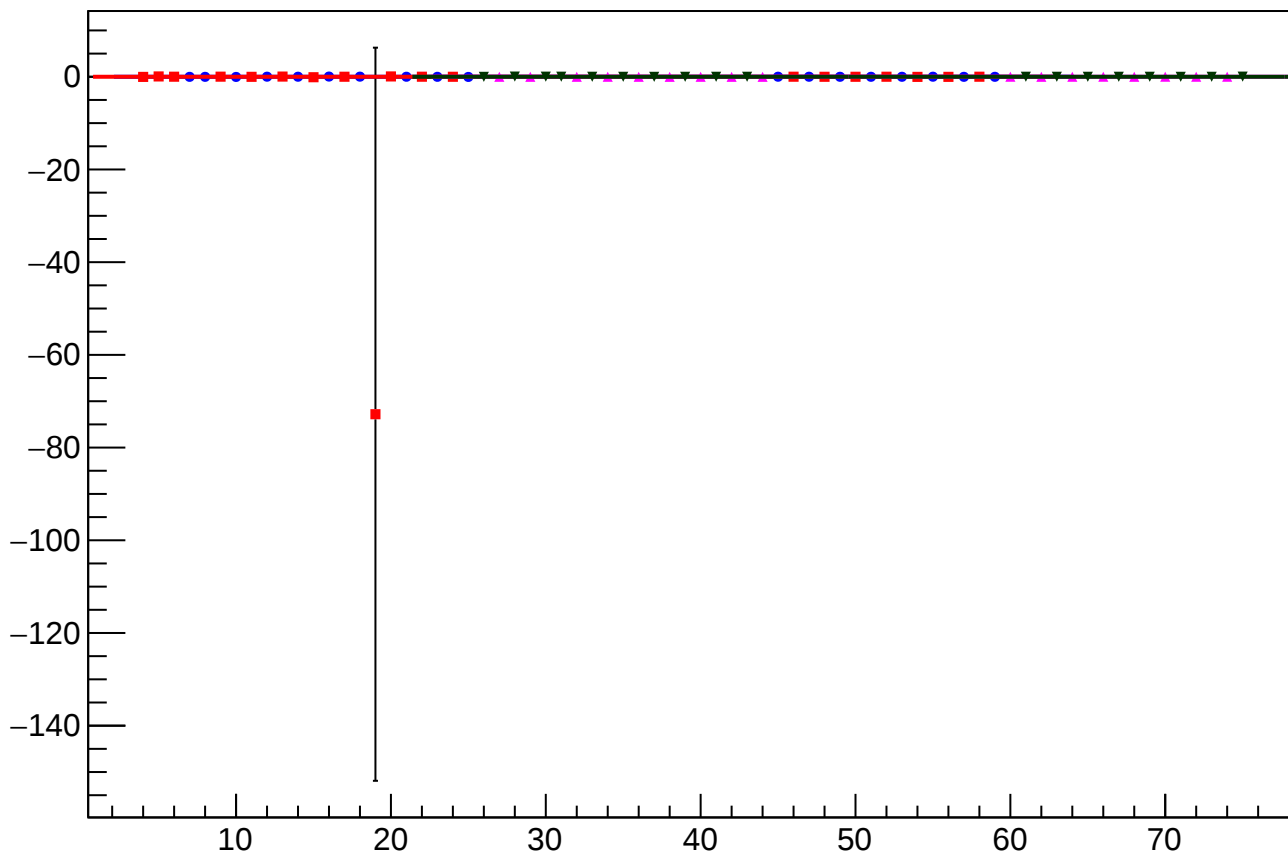
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1101.645+/-0.295 χ^2/NDF : 4314511.1/16

776.278+/-0.149 χ^2/NDF : 12310428.6/35

785.600+/-0.157 χ^2/NDF : 12134246.9/35

diff_cav4dX_mean vs slug



Right In: -0.000 ± 0.004 χ^2/NDF : 11.9/17

Left Out: 0.002 ± 0.003 χ^2/NDF : 15.3/17

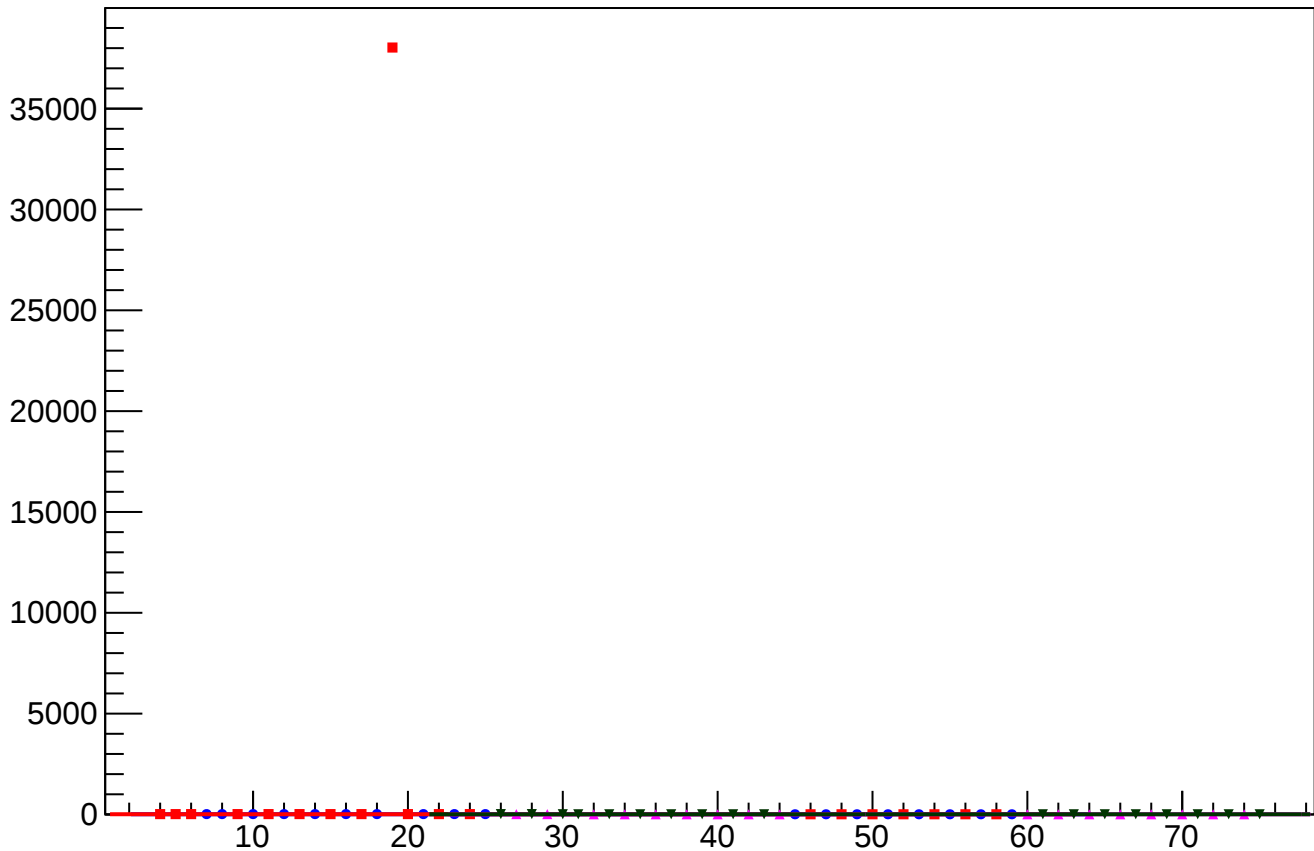
Right Out: 0.002 ± 0.004 χ^2/NDF : 20.0/18

Left In: 0.003 ± 0.003 χ^2/NDF : 8.6/16

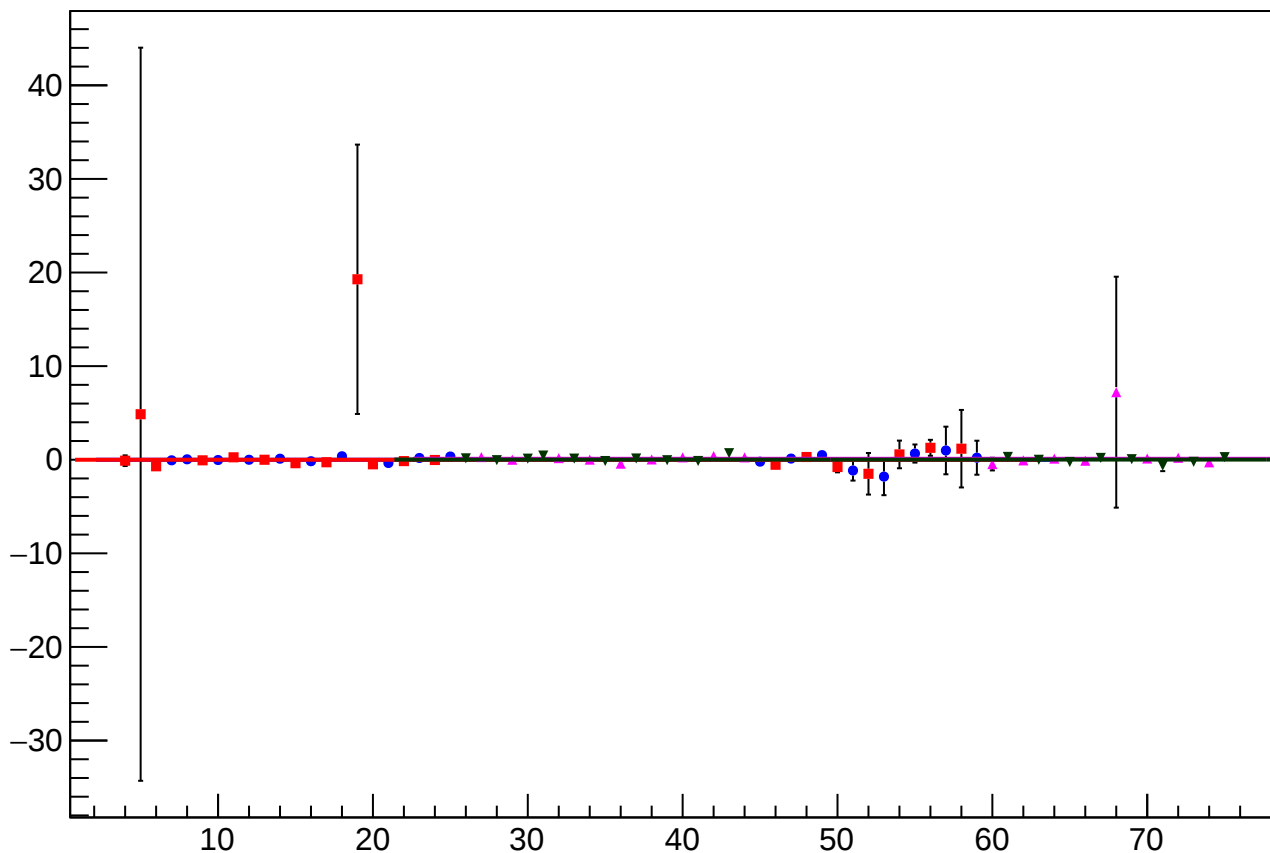
0.001 ± 0.002 χ^2/NDF : 27.3/35

0.003 ± 0.002 χ^2/NDF : 28.6/35

diff_cav4dX_rms vs slug



diff_cav4dY_mean vs slug



Right In: -0.003+/-0.003 χ^2 /NDF: 20.9/17

Left Out: 0.017+/-0.044 χ^2 /NDF:24.5/17

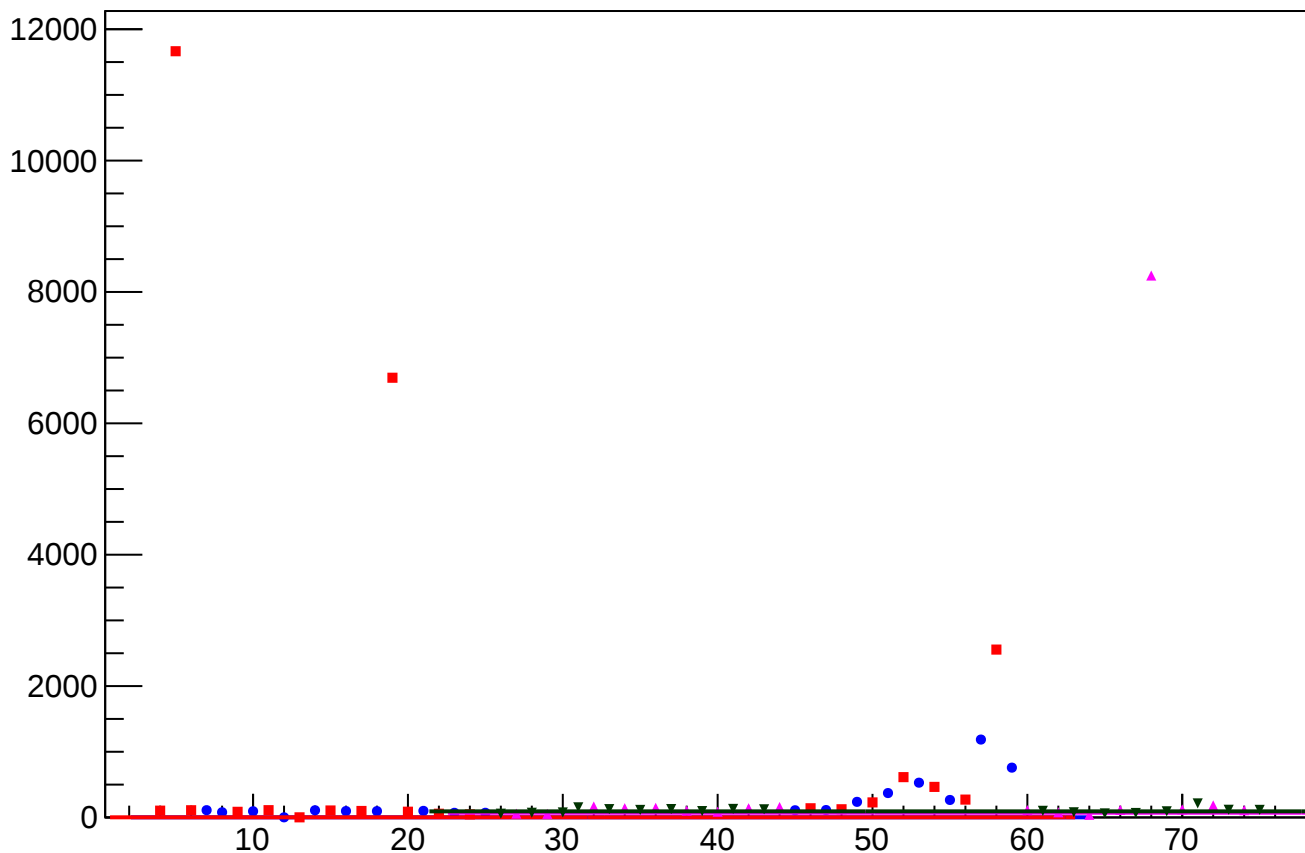
Right Out: -0.003+/-0.003 χ^2 /NDF: 21.1/18

Left In: 0.100+/-0.037 χ^2 /NDF:15.2/16

-0.003+/-0.003 χ^2 /NDF: 45.5/35

-0.002+/-0.003 χ^2 /NDF: 43.8/35

diff_cav4dY_rms vs slug



Right In: 2.214 $\pm$ 0.002 χ^2 /NDF: 9160380.4/17

Left Out: 92.732 $\pm$ 0.031 χ^2 /NDF: 774920.0/17

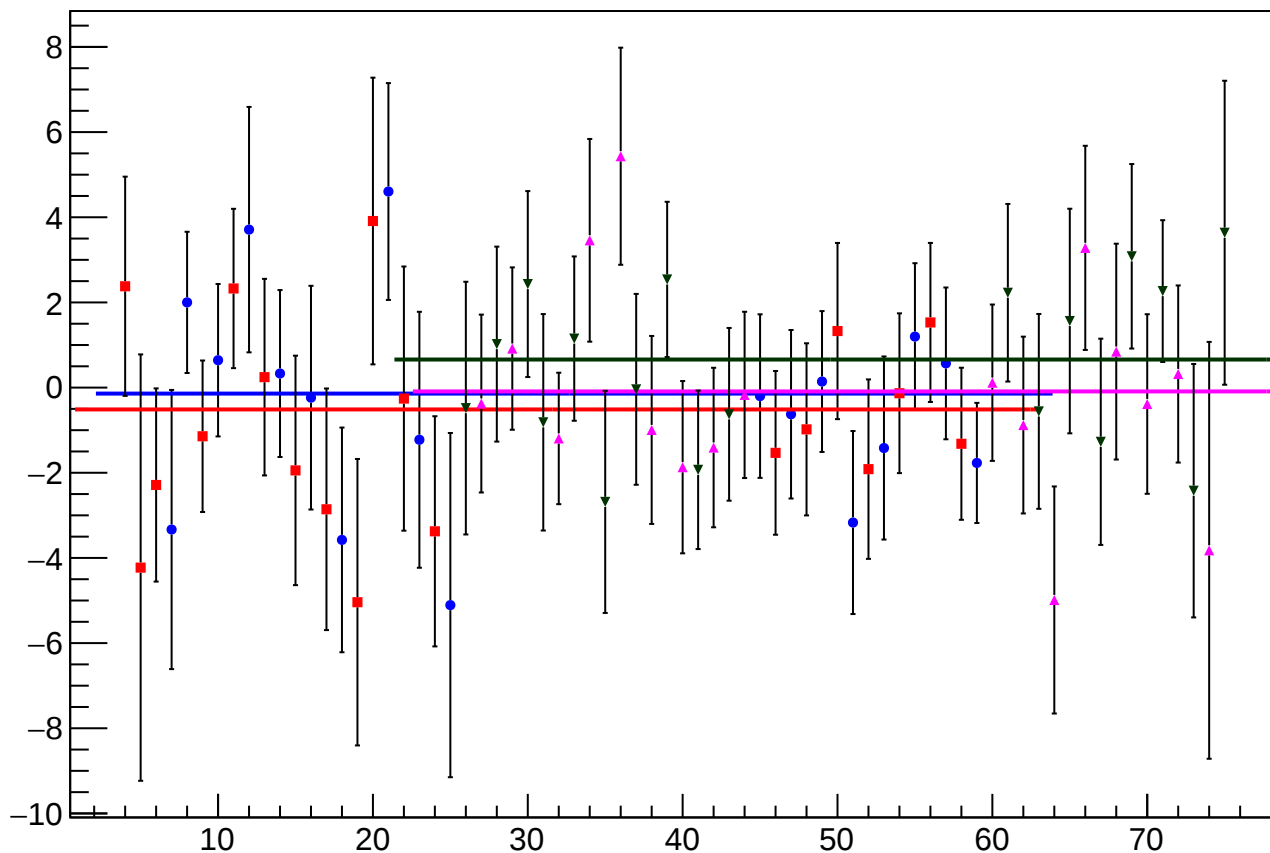
Right Out: 2.101 $\pm$ 0.002 χ^2 /NDF: 6716516.3/18

Left In: 71.405 $\pm$ 0.026 χ^2 /NDF: 2980079.3/16

2.656 $\pm$ 0.002 χ^2 /NDF: 18377695.6/35

2.550 $\pm$ 0.002 χ^2 /NDF: 16498494.7/35

diff_bpm4aX_mean vs slug



Right In: -0.141 $\pm$ 0.485 χ^2/NDF : 16.0/17

Left Out: 0.659 $\pm$ 0.526 χ^2/NDF : 11.9/17

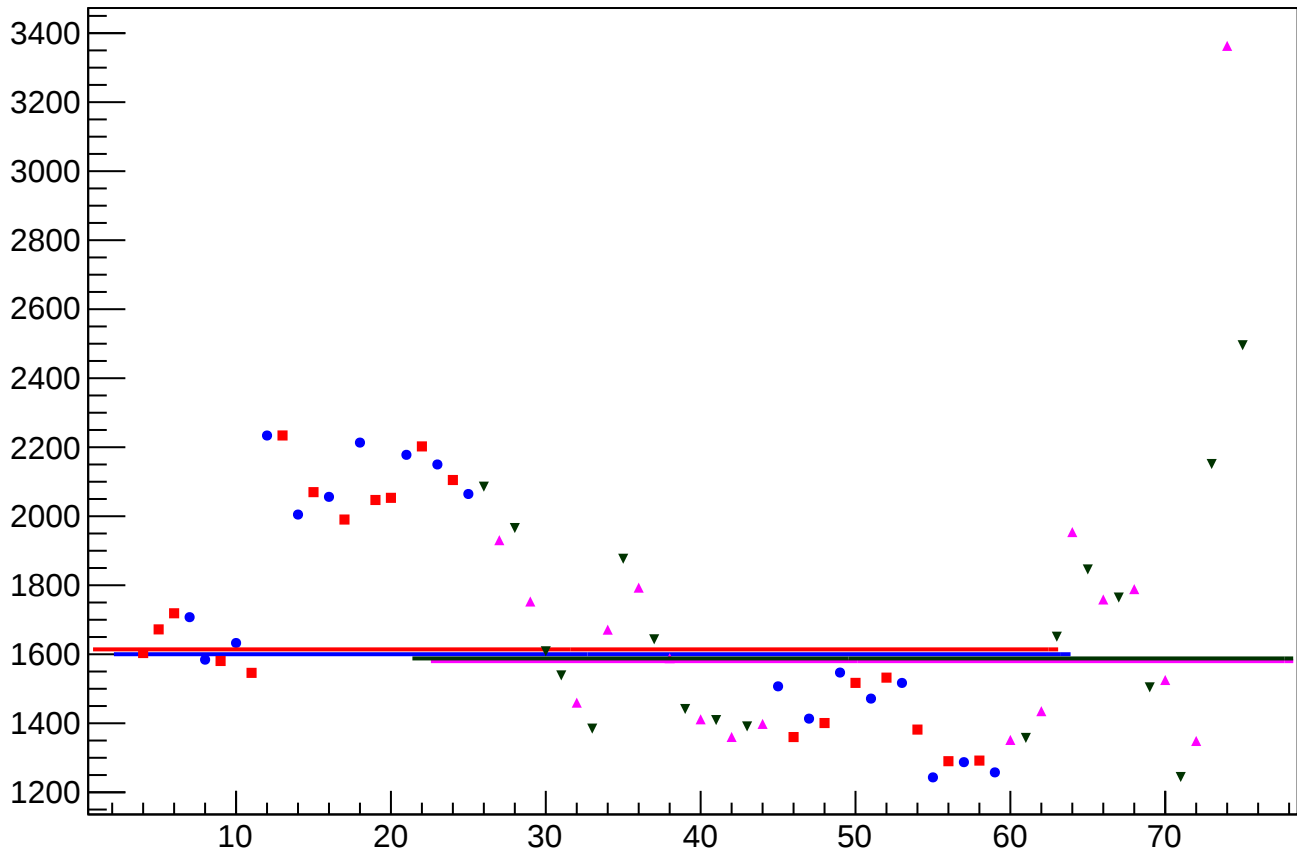
Right Out: -0.513 $\pm$ 0.519 χ^2/NDF : 13.6/18

Left In: -0.090 $\pm$ 0.516 χ^2/NDF : 15.5/16

0.227 $\pm$ 0.357 χ^2/NDF : 29.2/35

-0.300 $\pm$ 0.366 χ^2/NDF : 29.4/35

diff_bpm4aX_rms vs slug



Right In: 1600.111+/-0.343 χ^2/NDF : 849754.6/17

Left Out: 1587.896+/-0.372 χ^2/NDF : 554858.1/17

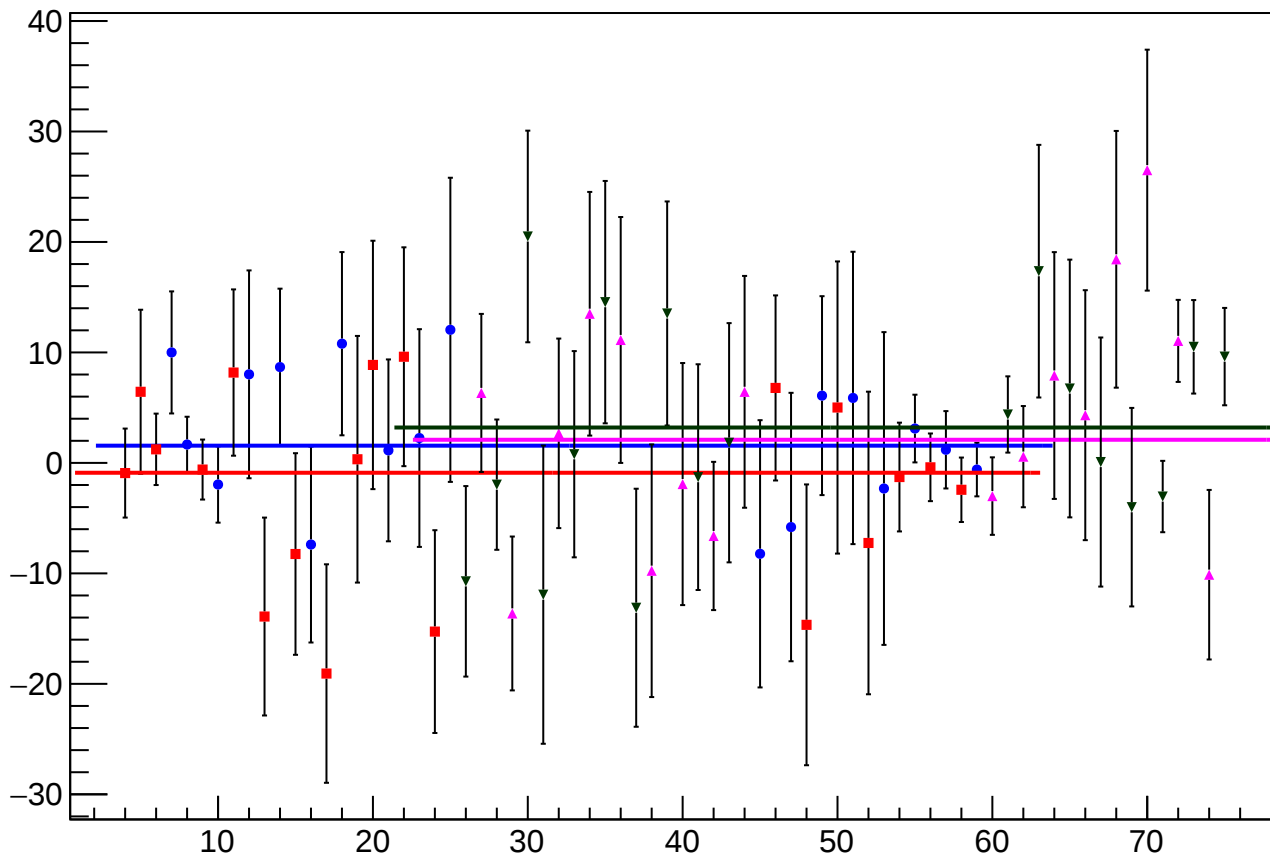
Right Out: 1614.182+/-0.367 χ^2/NDF : 670373.5/18

Left In: 1580.091+/-0.365 χ^2/NDF : 556893.0/16

1594.491+/-0.252 χ^2/NDF : 1405195.4/35

1597.054+/-0.259 χ^2/NDF : 1231602.4/35

diff_bpm4aY_mean vs slug



Right In: 1.560 ± 1.148 $\chi^2/\text{NDF}: 10.2/17$

Left Out: 3.203 ± 1.512 $\chi^2/\text{NDF}: 23.9/17$

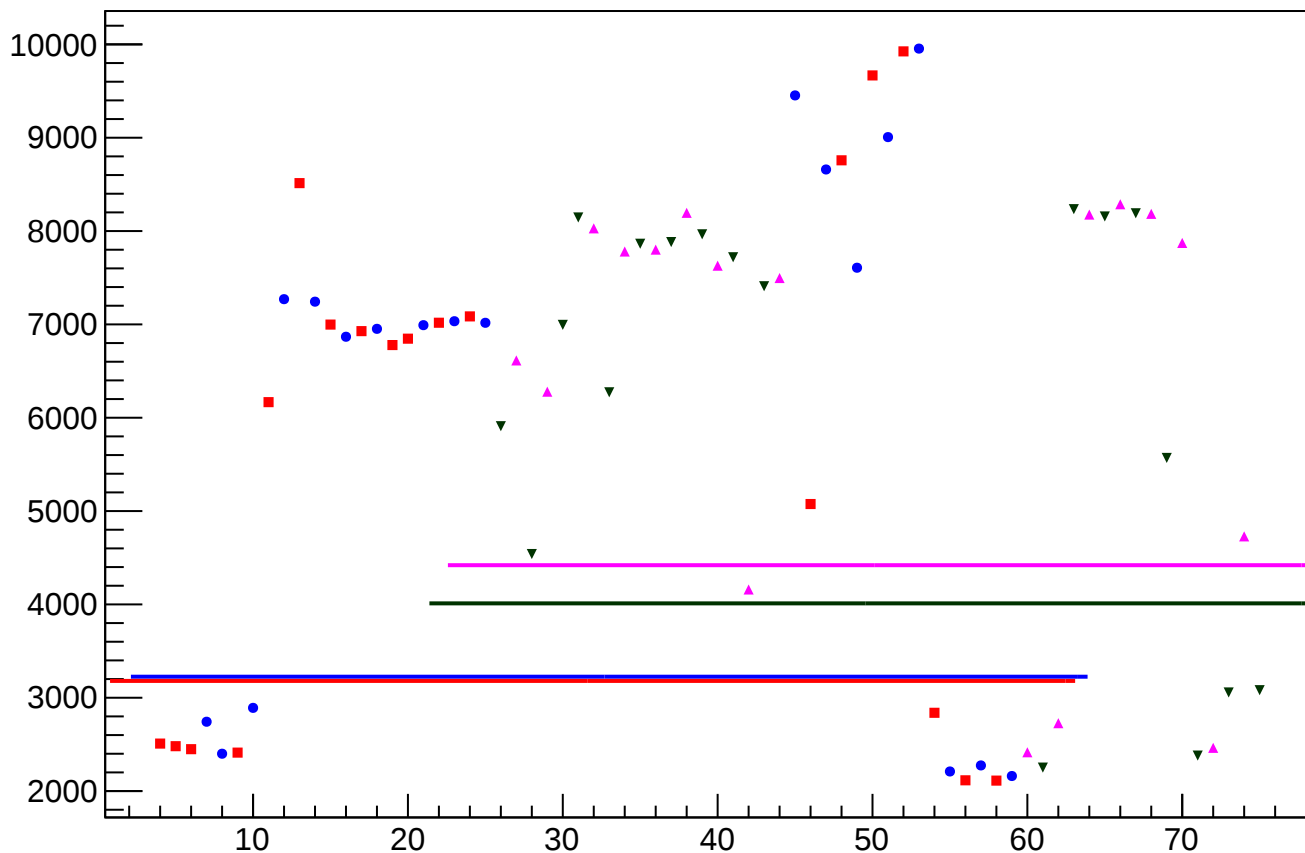
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: 2.094 ± 1.650 $\chi^2/\text{NDF}: 28.1/16$

2.161 ± 0.915 $\chi^2/\text{NDF}: 34.8/35$

0.137 ± 0.969 $\chi^2/\text{NDF}: 46.3/35$

diff_bpm4aY_rms vs slug



Right In: 3225.359+/-0.812 χ^2/NDF : 5860780.1/17

Left Out: 4011.086+/-1.069 χ^2/NDF : 3962328.3/17

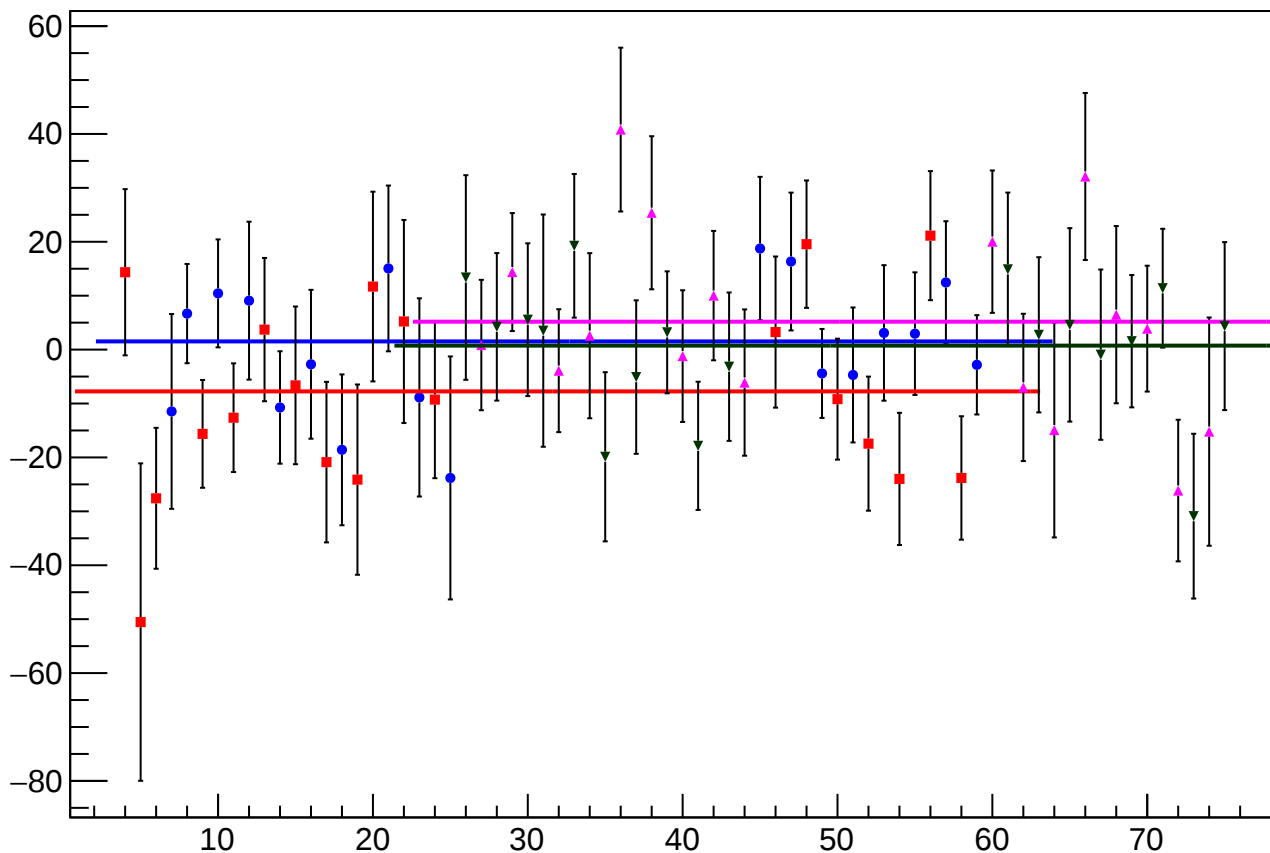
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4420.065+/-1.167 χ^2/NDF : 3974119.6/16

3512.686+/-0.647 χ^2/NDF : 10165520.1/35

3607.654+/-0.685 χ^2/NDF : 9767640.0/35

diff_bpm4eX_mean vs slug



Right In: 1.521+/-2.832 χ^2/NDF : 12.8/17

Left Out: 0.738+/-3.329 χ^2/NDF : 13.4/17

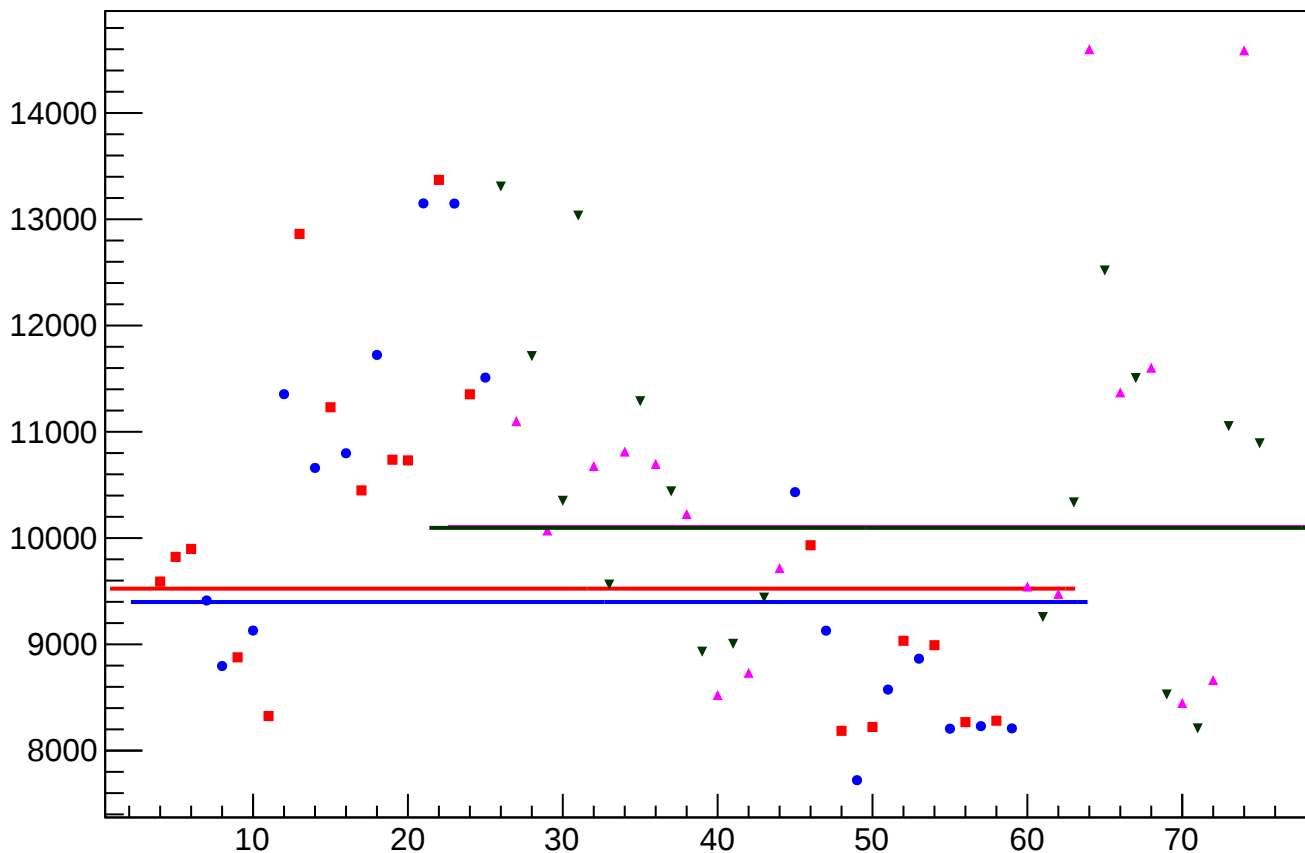
Right Out: -7.752+/-3.046 χ^2/NDF : 27.5/18

Left In: 5.177+/-3.290 χ^2/NDF : 22.9/16

1.192+/-2.157 χ^2/NDF : 26.2/35

-1.786+/-2.235 χ^2/NDF : 58.7/35

diff_bpm4eX_rms vs slug



Right In: 9398.368+/-2.003 χ^2/NDF : 554872.2/17

Left Out: 10096.072+/-2.354 χ^2/NDF : 345865.6/17

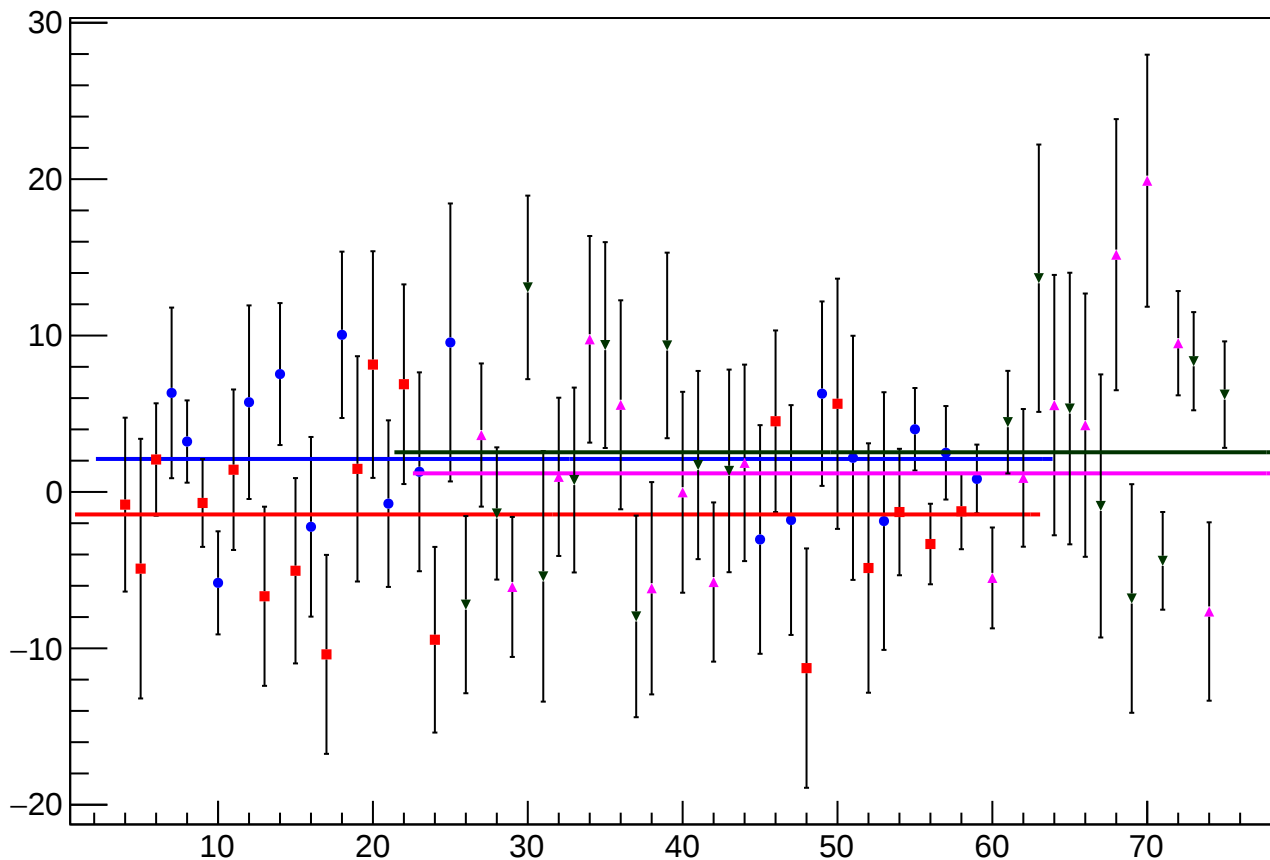
Right Out: 9524.317+/-2.154 χ^2/NDF : 440161.2/18

Left In: 10104.658+/-2.327 χ^2/NDF : 381187.0/16

9691.297+/-1.525 χ^2/NDF : 951691.2/35

9792.104+/-1.580 χ^2/NDF : 854856.4/35

diff_bpm4eY_mean vs slug



Right In: 2.110 ± 0.979 $\chi^2/\text{NDF}: 14.5/17$

Left Out: 2.537 ± 1.170 $\chi^2/\text{NDF}: 26.7/17$

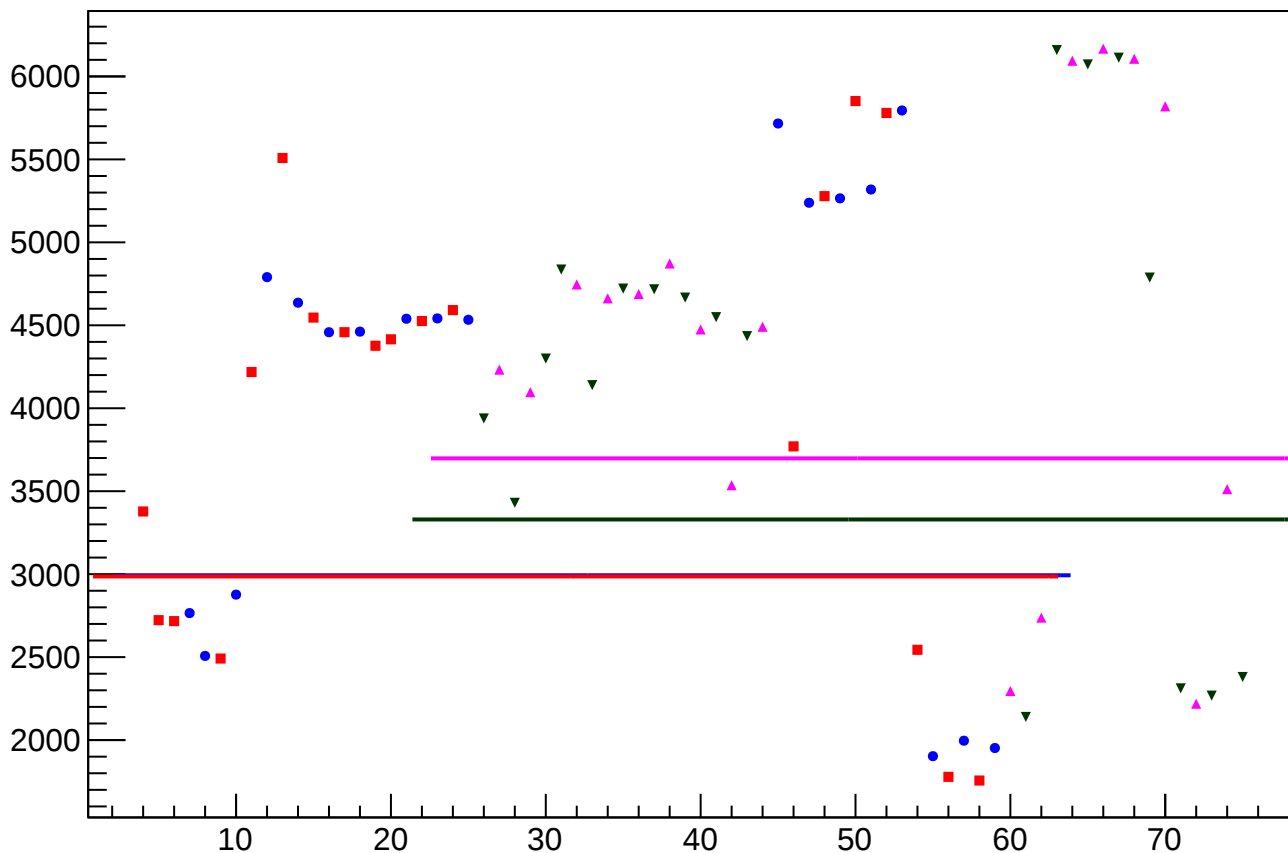
Right Out: -1.438 ± 1.040 $\chi^2/\text{NDF}: 14.4/18$

Left In: 1.189 ± 1.272 $\chi^2/\text{NDF}: 29.5/16$

2.286 ± 0.751 $\chi^2/\text{NDF}: 41.3/35$

-0.385 ± 0.805 $\chi^2/\text{NDF}: 46.4/35$

diff_bpm4eY_rms vs slug



Right In: 2993.228 $\pm$ 0.692 χ^2 /NDF: 3318124.3/17

Left Out: 3329.735 $\pm$ 0.827 χ^2 /NDF:2188731.6/17

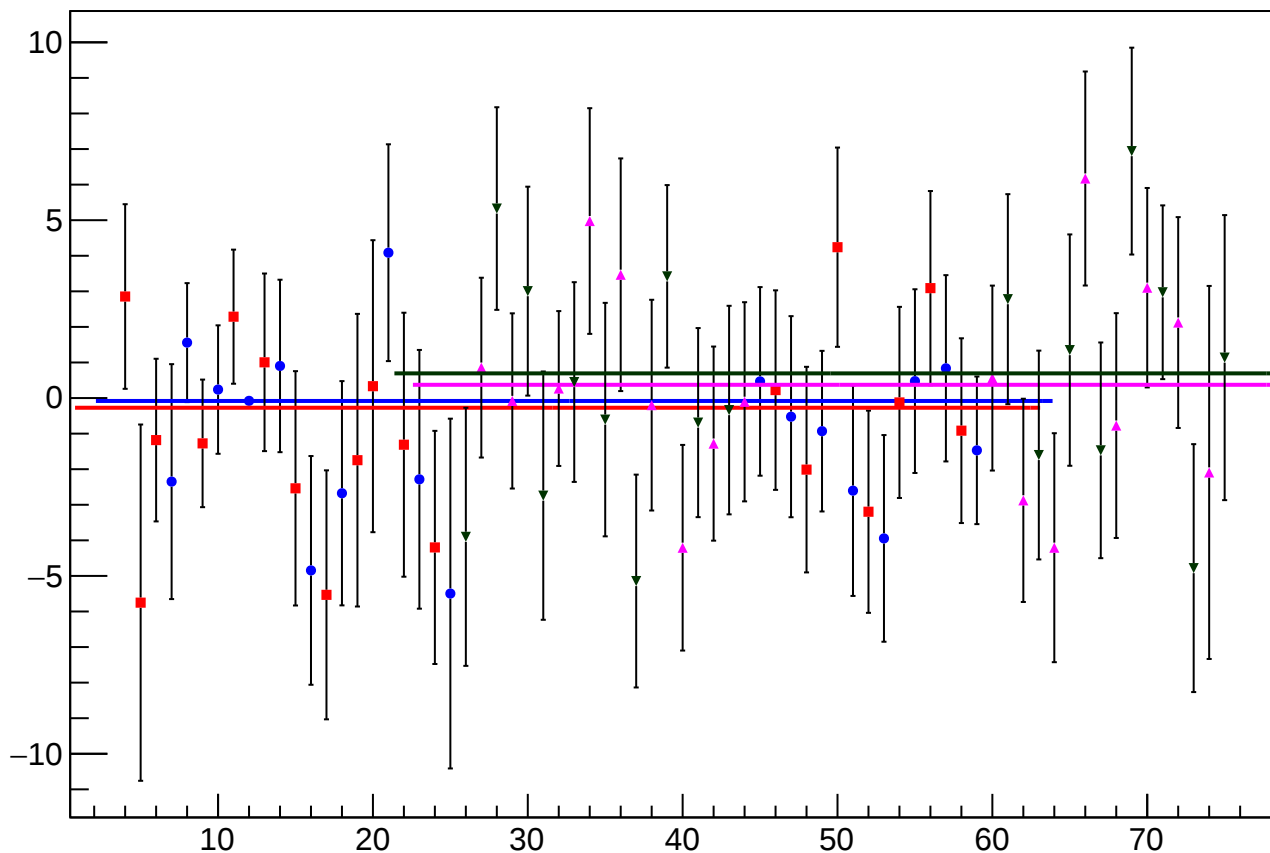
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 3697.935 $\pm$ 0.900 χ^2 /NDF:1838496.4/16

3131.815 $\pm$ 0.531 χ^2 /NDF: 5604150.7/35

3271.272 $\pm$ 0.569 χ^2 /NDF: 5159276.4/35

diff_bpm4acX_mean vs slug



Right In: -0.082 ± 0.060 χ^2/NDF : 11.3/17

Left Out: 0.694 ± 0.707 χ^2/NDF : 21.0/17

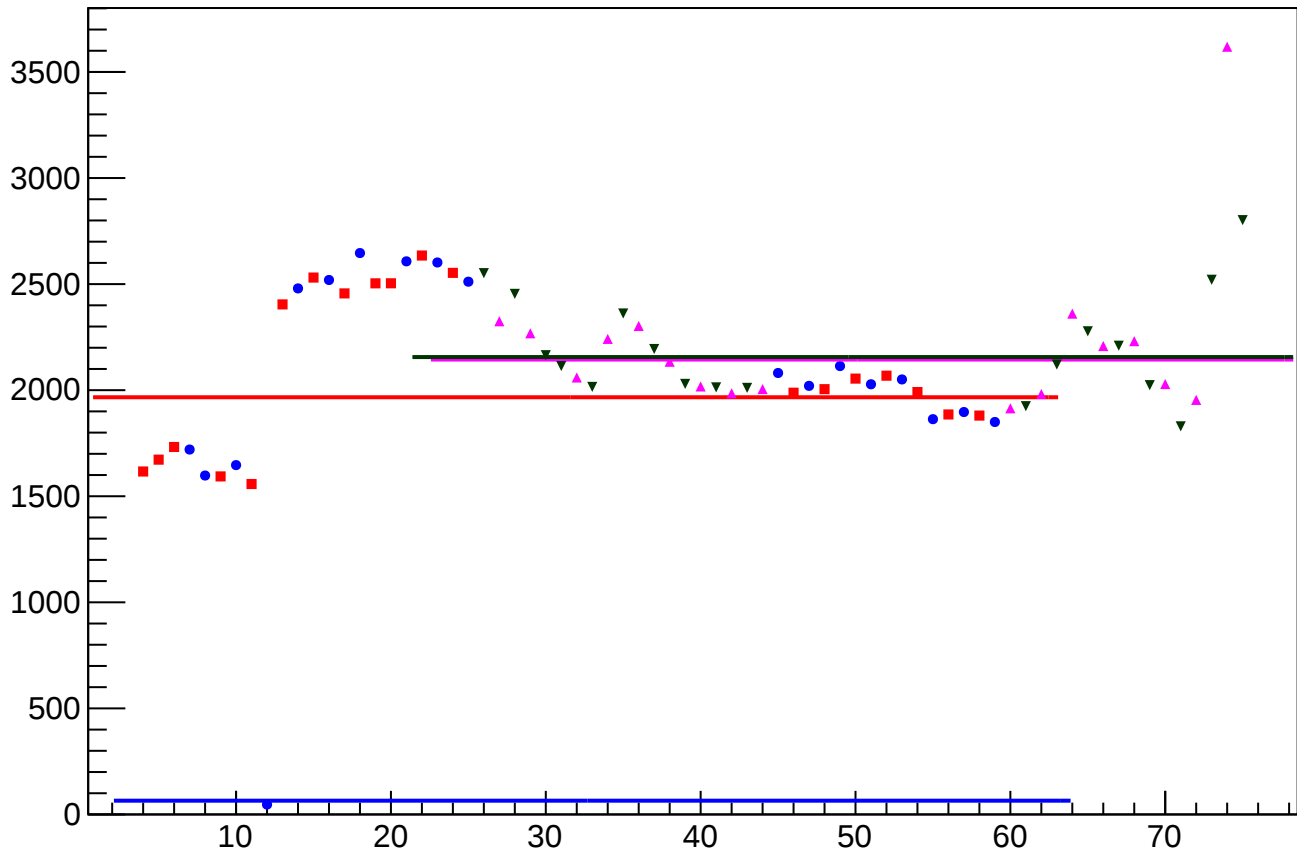
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: 0.373 ± 0.694 χ^2/NDF : 14.7/16

-0.076 ± 0.060 χ^2/NDF : 33.4/35

0.020 ± 0.467 χ^2/NDF : 30.4/35

diff_bpm4acX_rms vs slug



Right In: 64.916+/-0.042 χ^2 /NDF: 20258480.2/17

Left Out: 2156.069+/-0.500 χ^2 /NDF:204403.1/17

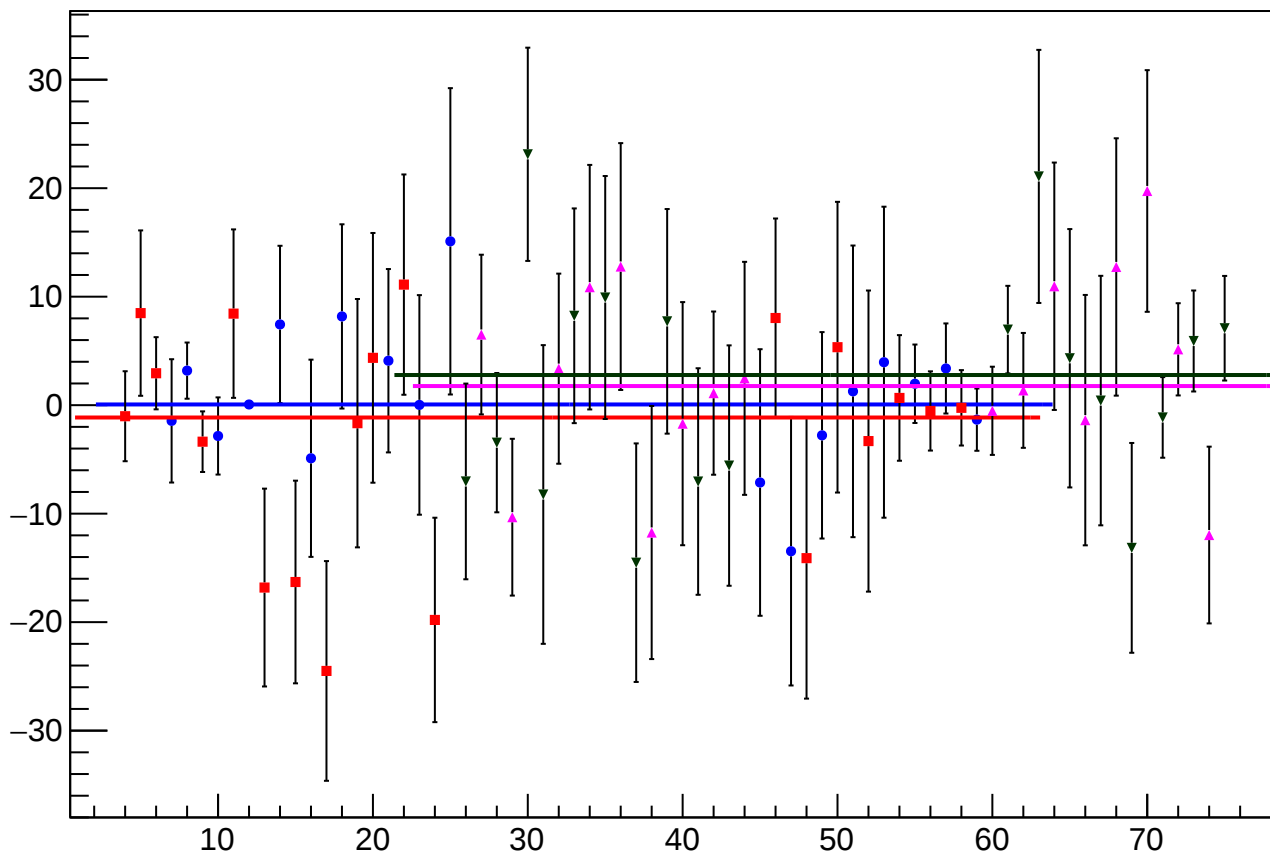
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

Left In: 2144.313+/-0.491 χ^2 /NDF:243810.3/16

79.909+/-0.042 χ^2 /NDF: 37858585.9/35

2047.073+/-0.330 χ^2 /NDF: 926232.9/35

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 χ^2/NDF : 8.7/17

Left Out: 2.779 ± 1.664 χ^2/NDF : 20.6/17

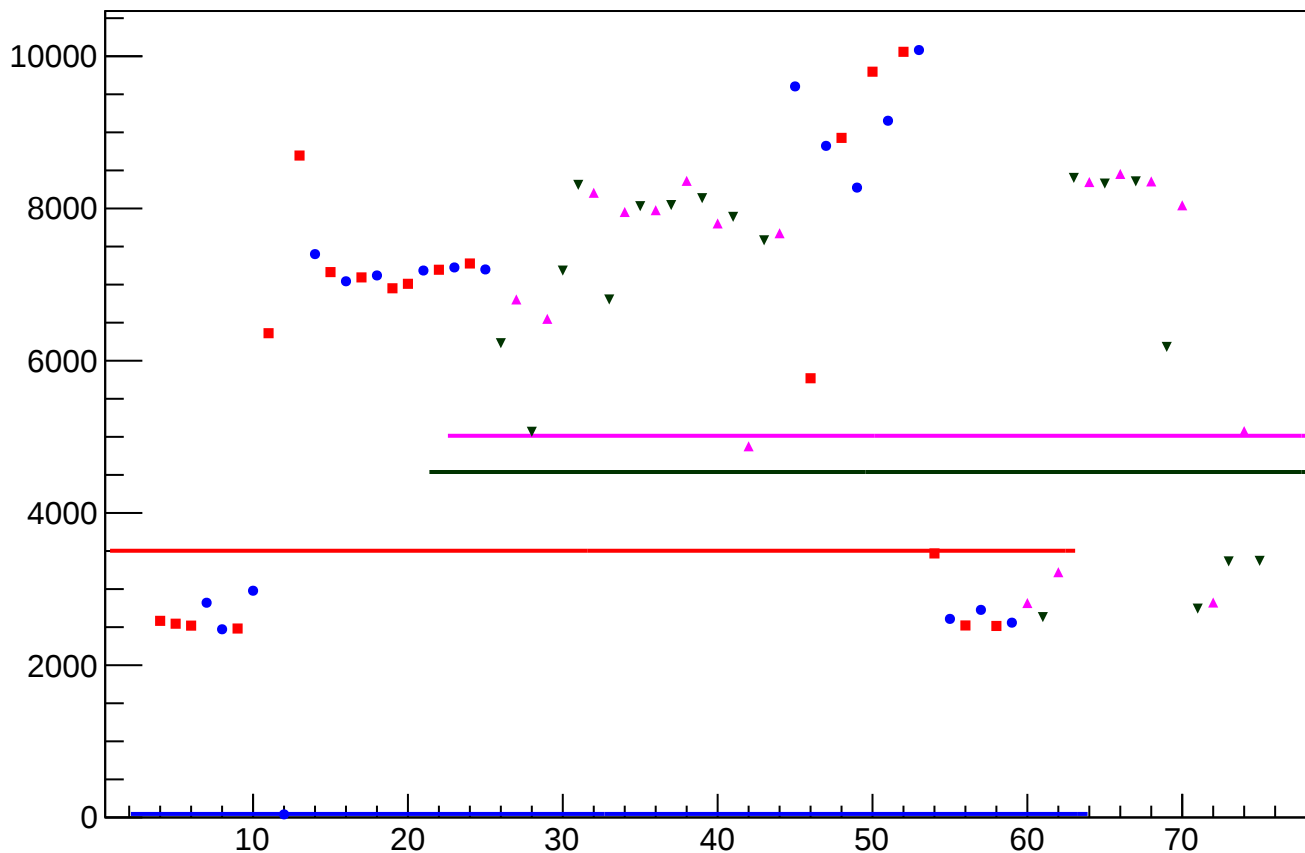
Right Out: -1.137 ± 1.295 χ^2/NDF : 24.2/18

Left In: 1.762 ± 1.811 χ^2/NDF : 14.3/16

0.068 ± 0.052 χ^2/NDF : 31.9/35

-0.156 ± 1.054 χ^2/NDF : 40.2/35

diff_bpm4acY_rms vs slug



Right In: 46.257+/-0.037 χ^2 /NDF: 20176828.9/17

Left Out: 4538.206+/-1.177 χ^2 /NDF: 3338268.8/17

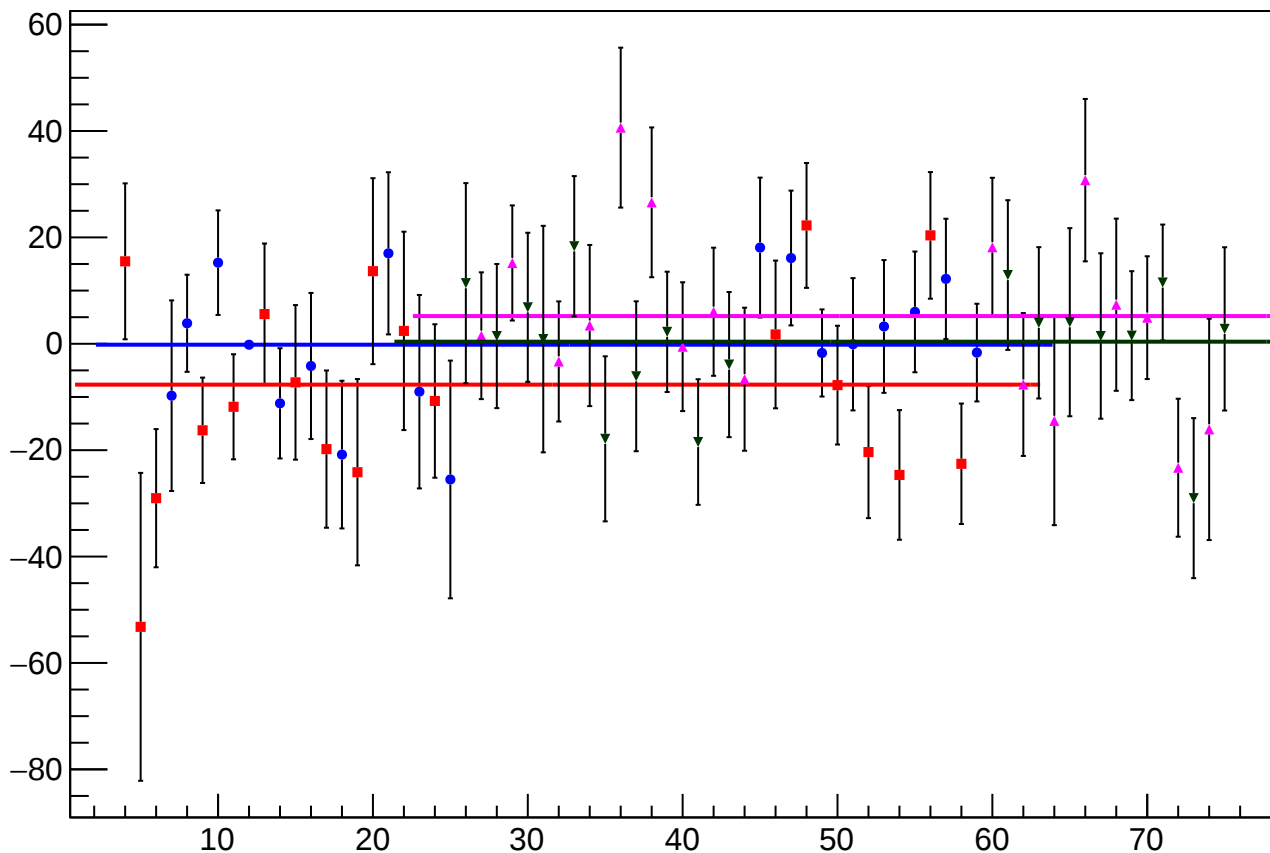
Right Out: 3503.720+/-0.916 χ^2 /NDF: 4669685.2/18

Left In: 5014.090+/-1.281 χ^2 /NDF: 3158492.8/16

50.651+/-0.037 χ^2 /NDF: 38069628.8/35

4014.823+/-0.745 χ^2 /NDF: 8748480.2/35

diff_bpm4ecX_mean vs slug



Right In: -0.174 ± 0.106 χ^2/NDF : 14.4/17

Left Out: 0.393 ± 3.295 χ^2/NDF : 12.5/17

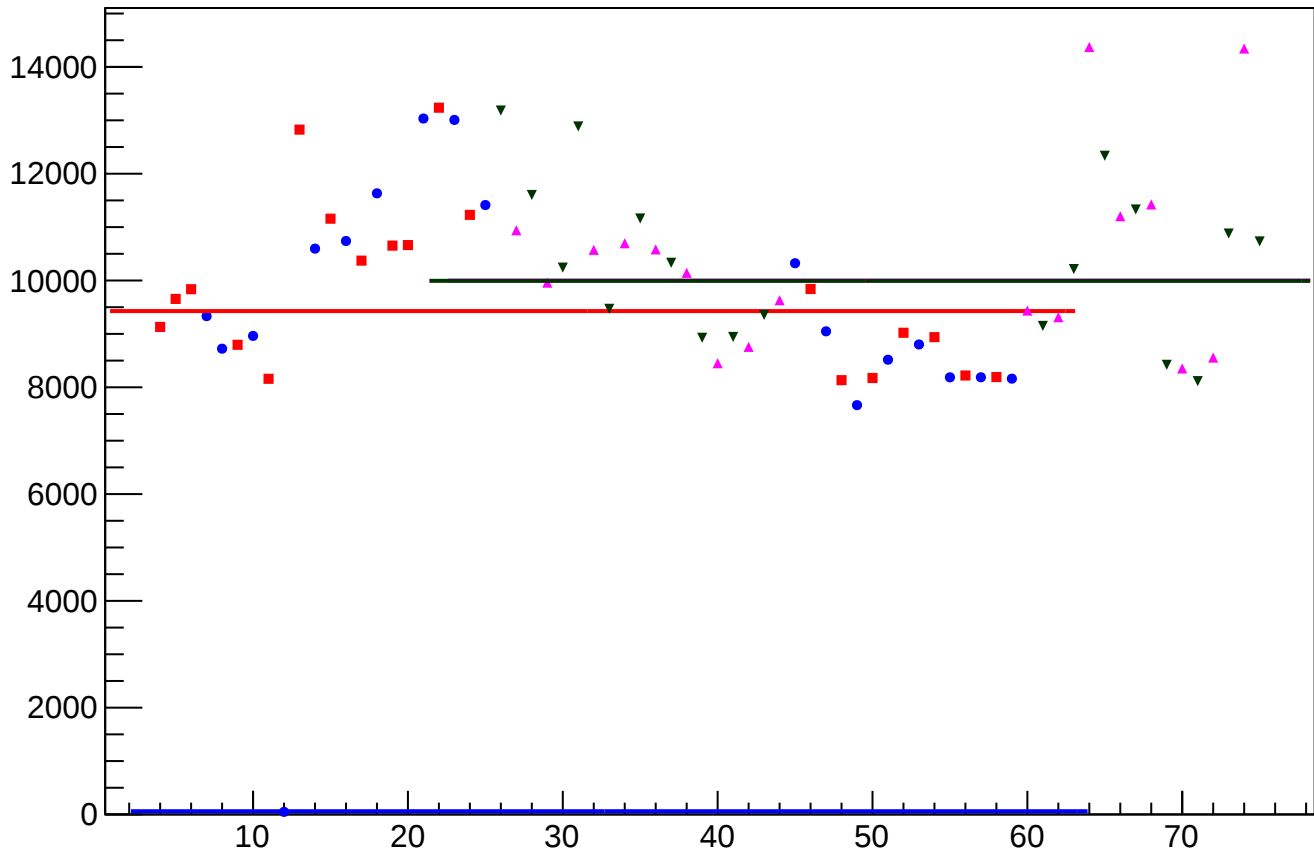
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 5.210 ± 3.255 χ^2/NDF : 22.0/16

-0.173 ± 0.106 χ^2/NDF : 26.9/35

-1.726 ± 2.212 χ^2/NDF : 60.7/35

diff_bpm4ecX_rms vs slug



Right In: 60.738+/-0.075 χ^2 /NDF: 21121924.5/17

Left Out: 9993.894+/-2.330 χ^2 /NDF:339114.6/17

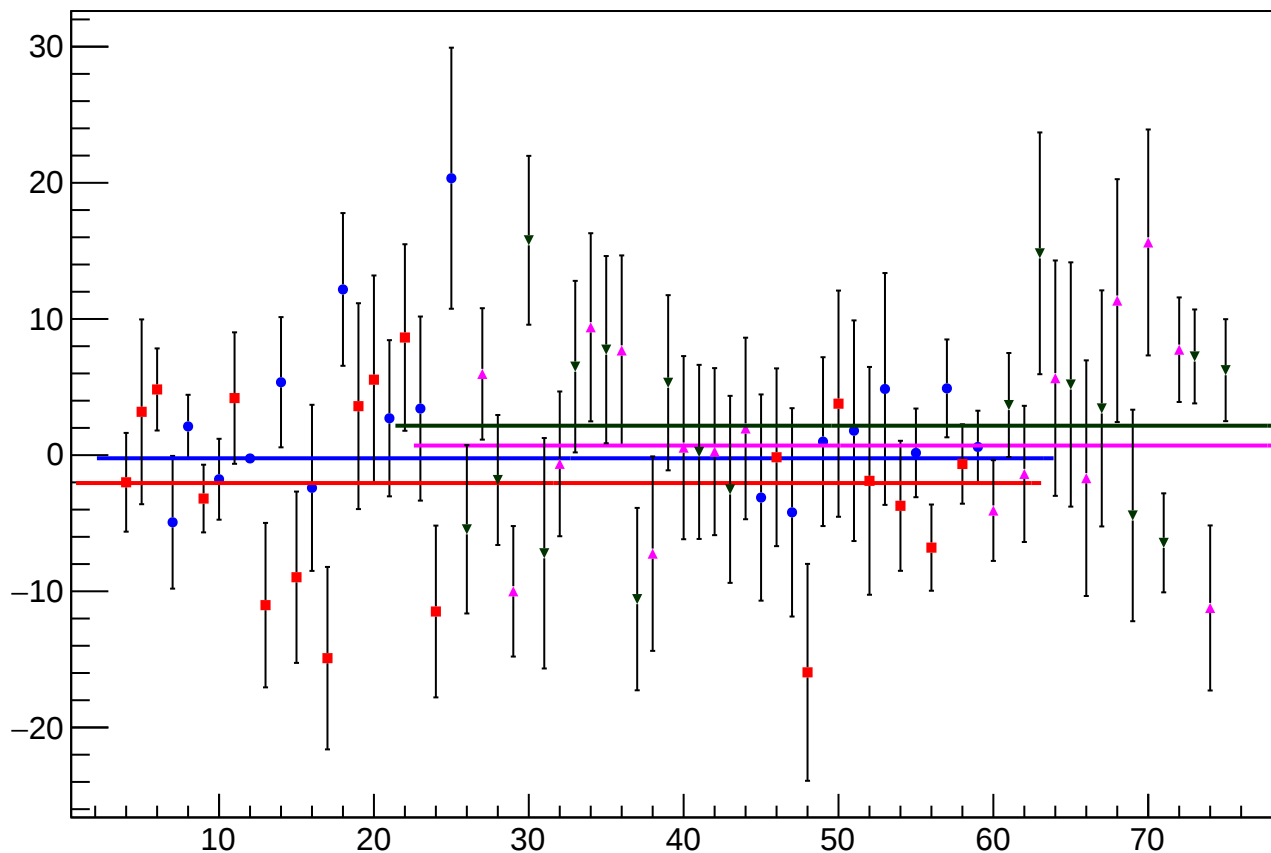
Right Out: 9427.549+/-2.132 χ^2 /NDF: 447350.4/18

Left In: 9999.022+/-2.302 χ^2 /NDF:369689.6/16

71.099+/-0.075 χ^2 /NDF: 39616142.0/35

9691.491+/-1.564 χ^2 /NDF: 850216.1/35

diff_bpm4ecY_mean vs slug



Right In: -0.230 ± 0.090 χ^2/NDF : 16.8/17

Left Out: 2.163 ± 1.288 χ^2/NDF : 25.8/17

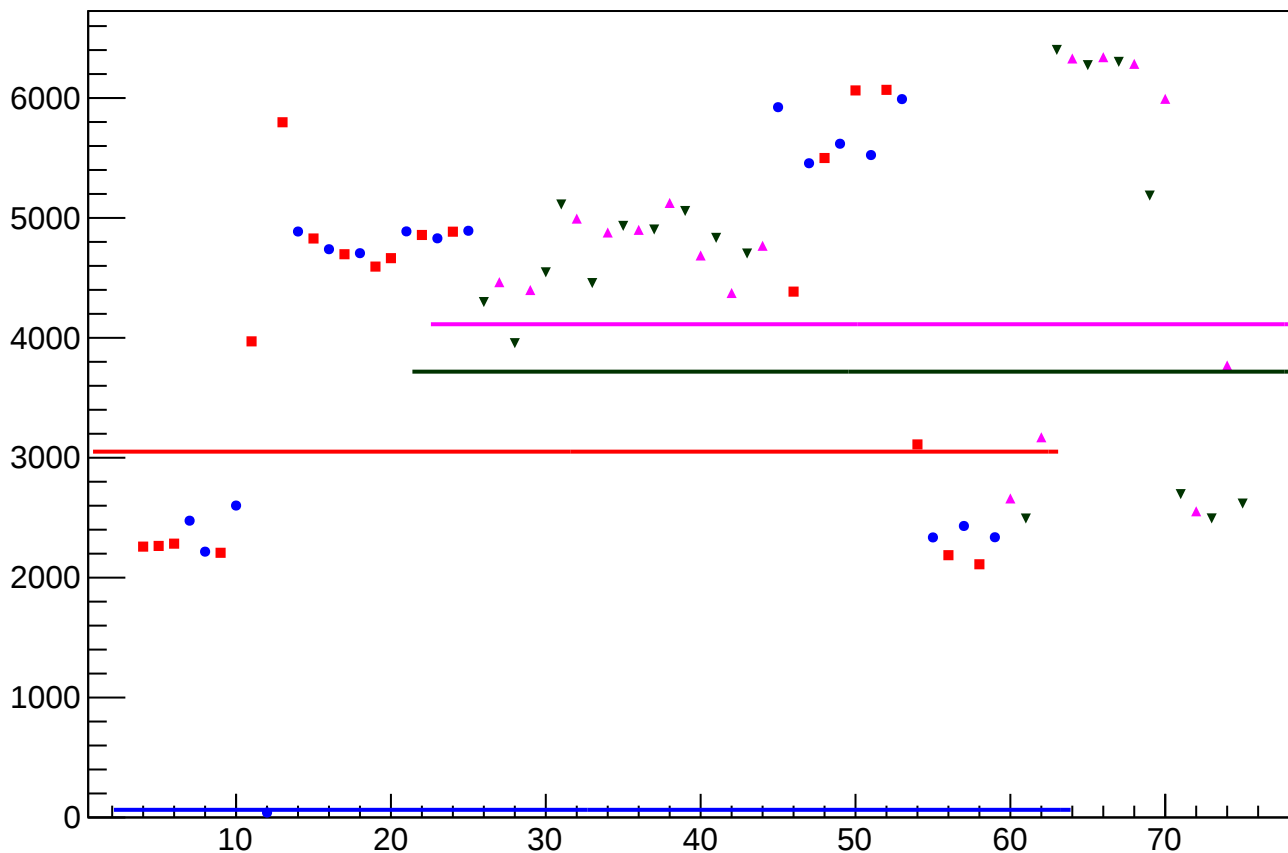
Right Out: -2.049 ± 1.055 χ^2/NDF : 27.2/18

Left In: 0.705 ± 1.392 χ^2/NDF : 24.2/16

-0.218 ± 0.090 χ^2/NDF : 46.0/35

-1.044 ± 0.841 χ^2/NDF : 53.9/35

diff_bpm4ecY_rms vs slug



Right In: 63.702+/-0.064 χ^2/NDF : 20268366.8/17

Left Out: 3718.028+/-0.911 χ^2/NDF :1836122.6/17

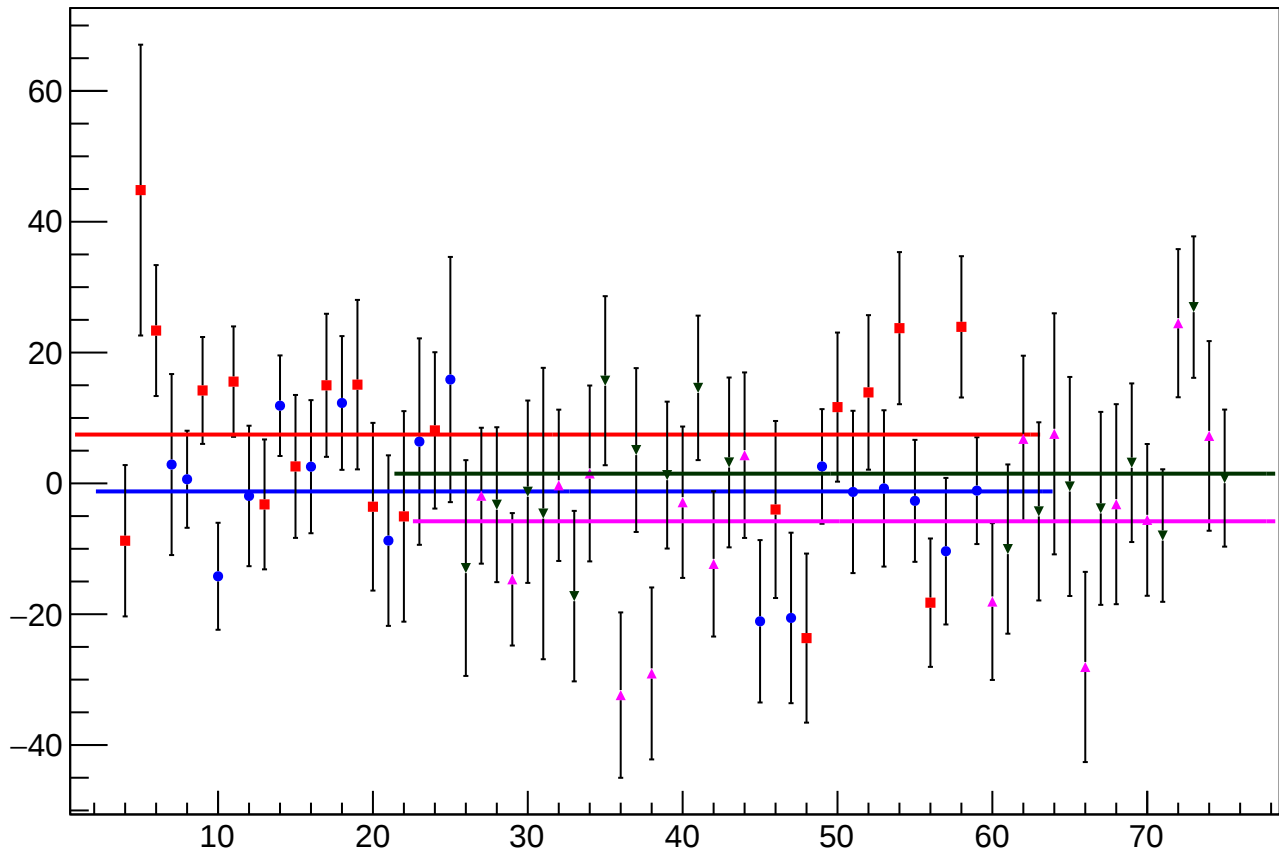
Right Out: 3050.872+/-0.746 χ^2/NDF : 2882138.2/18

Left In: 4113.395+/-0.984 χ^2/NDF :1401685.5/16

81.400+/-0.063 χ^2/NDF : 38131368.5/35

3438.742+/-0.595 χ^2/NDF : 5023780.4/35

diff_bpm1X_mean vs slug



Right In: -1.229 ± 2.430 χ^2/NDF : 14.5/17

Left Out: 1.486 ± 2.988 χ^2/NDF : 13.4/17

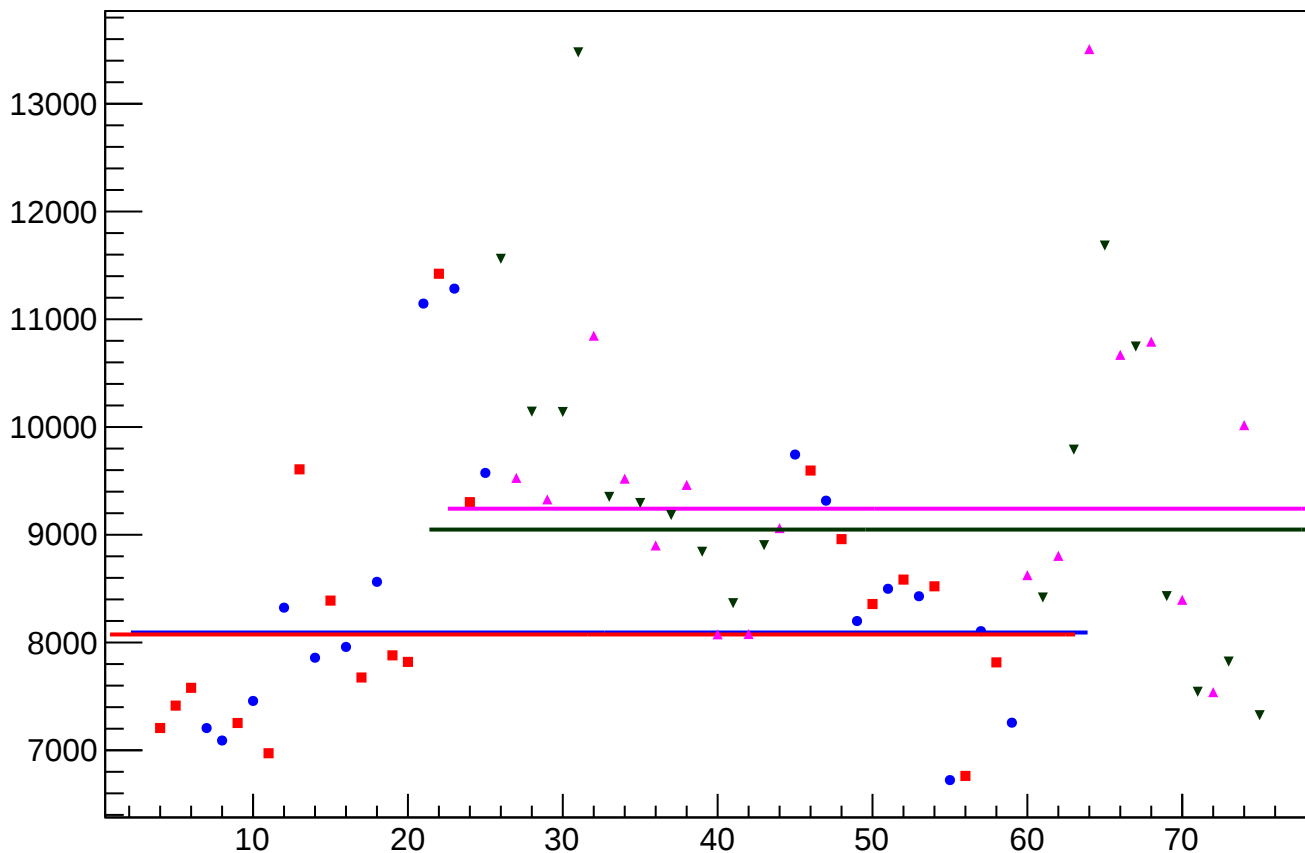
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -5.794 ± 3.002 χ^2/NDF : 22.9/16

-0.148 ± 1.885 χ^2/NDF : 28.4/35

1.847 ± 1.954 χ^2/NDF : 64.7/35

diff_bpm1X_rms vs slug



Right In: 8092.852+/-1.719 χ^2/NDF : 389353.1/17

Left Out: 9048.310+/-2.113 χ^2/NDF : 381340.4/17

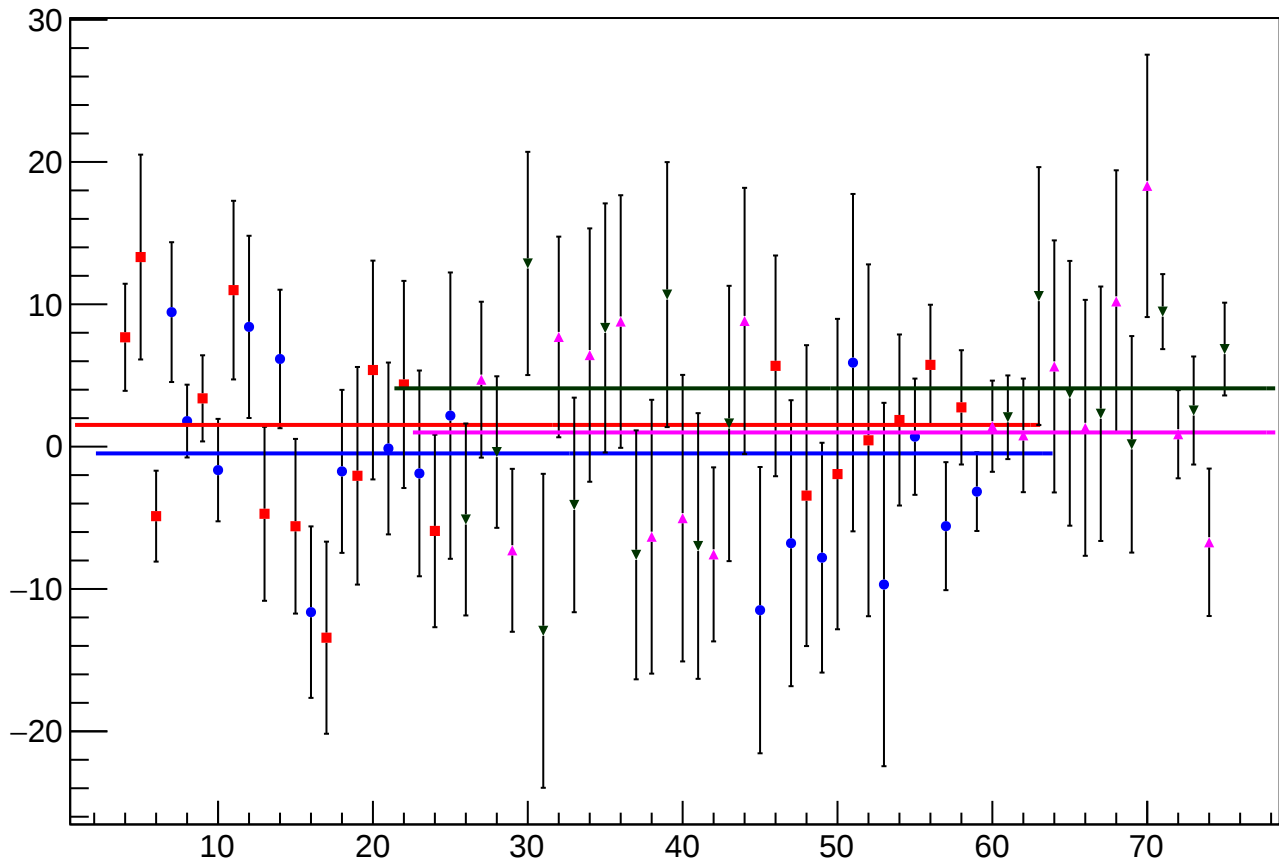
Right Out: 8074.654+/-1.820 χ^2/NDF : 312658.9/18

Left In: 9242.039+/-2.123 χ^2/NDF : 301979.5/16

8473.322+/-1.333 χ^2/NDF : 893776.0/35

8569.276+/-1.382 χ^2/NDF : 788962.2/35

diff_bpm1Y_mean vs slug



Right In: -0.476 ± 1.161 χ^2/NDF : 17.9/17

Left Out: 4.095 ± 1.254 χ^2/NDF : 17.8/17

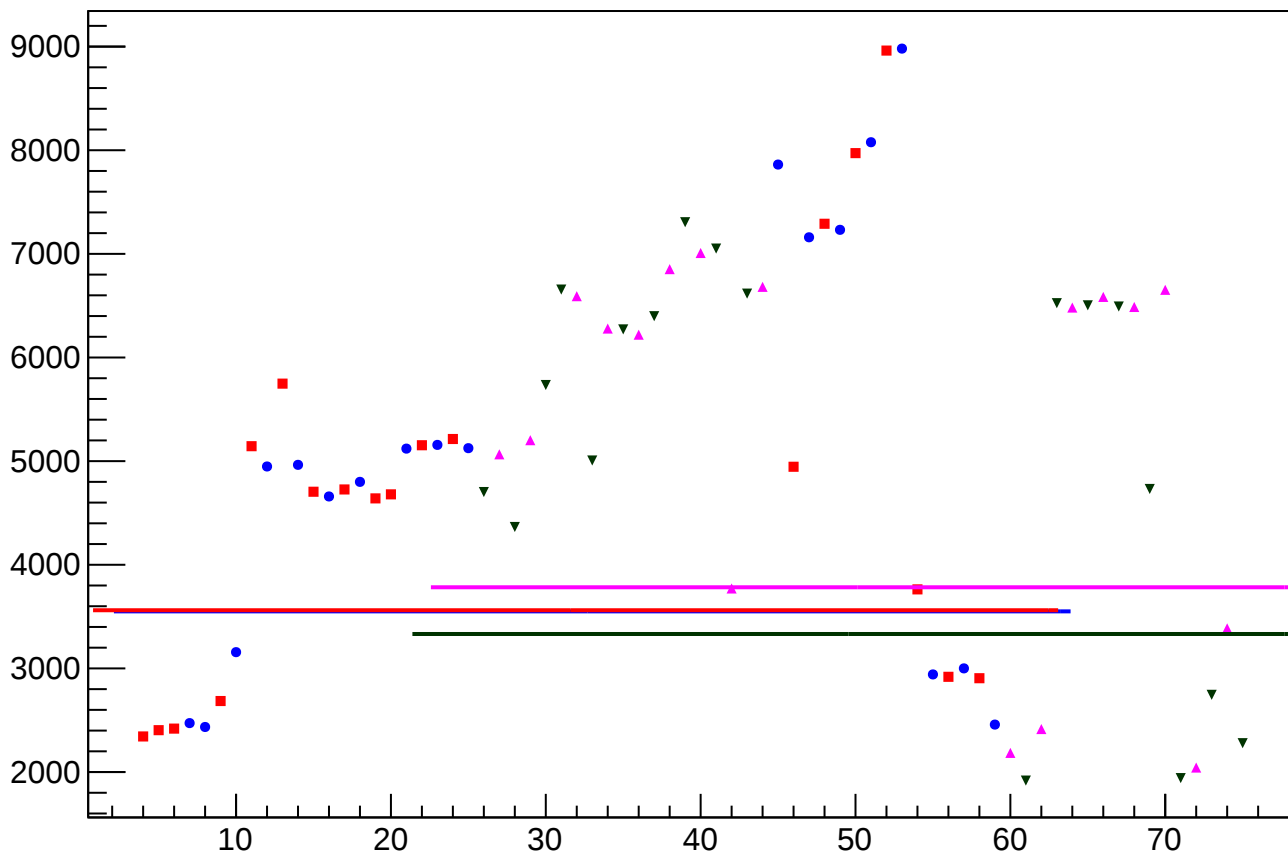
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: 0.996 ± 1.389 χ^2/NDF : 15.3/16

1.634 ± 0.852 χ^2/NDF : 42.8/35

1.292 ± 0.921 χ^2/NDF : 38.2/35

diff_bpm1Y_rms vs slug



Right In: 3550.424+/-0.821 χ^2/NDF : 3293988.0/17

Left Out: 3332.129+/-0.887 χ^2/NDF : 4085451.2/17

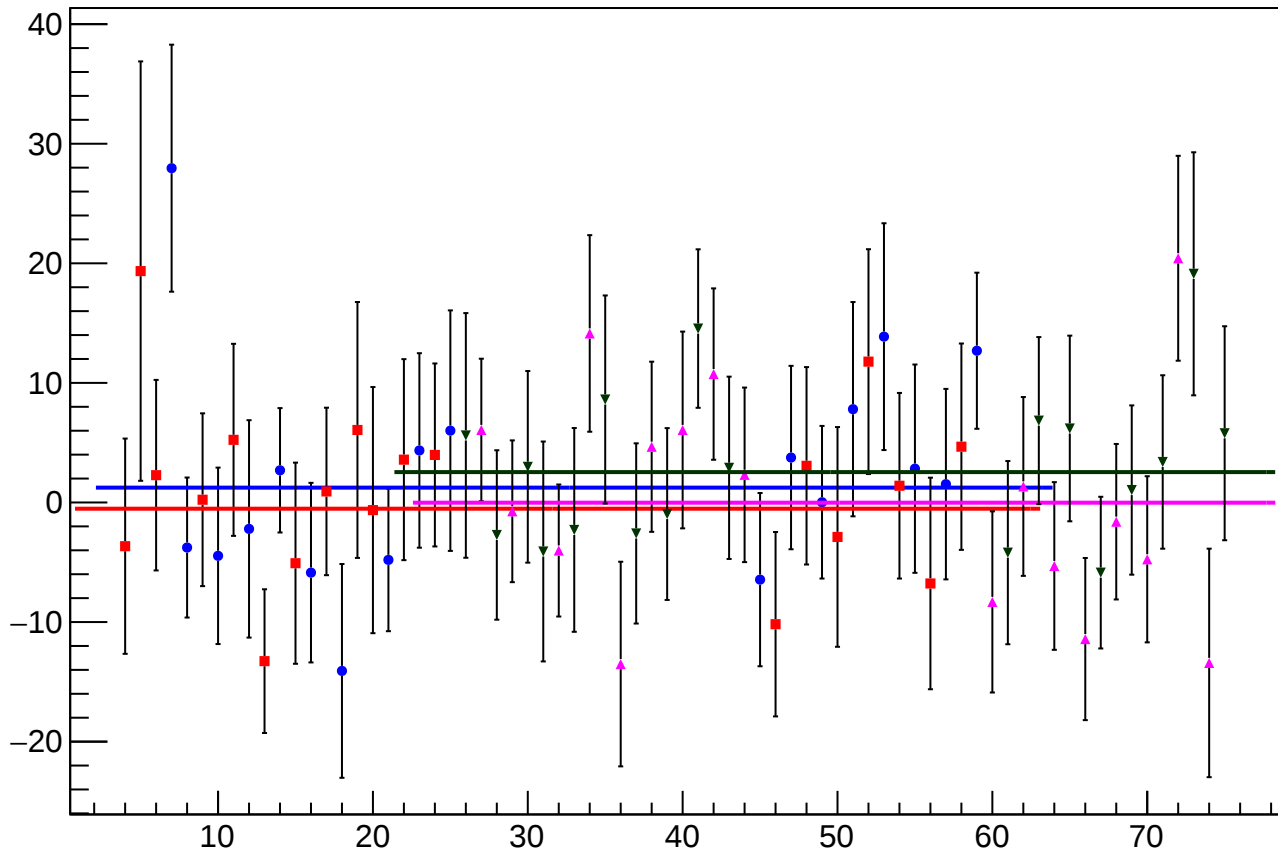
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 3782.881+/-0.982 χ^2/NDF : 3581925.1/16

3449.639+/-0.602 χ^2/NDF : 7412070.9/35

3658.847+/-0.652 χ^2/NDF : 6228668.0/35

diff_bpm11X_mean vs slug



Right In: 1.242 ± 1.752 χ^2/NDF : 20.2/17

Left Out: 2.540 ± 1.823 χ^2/NDF : 11.9/17

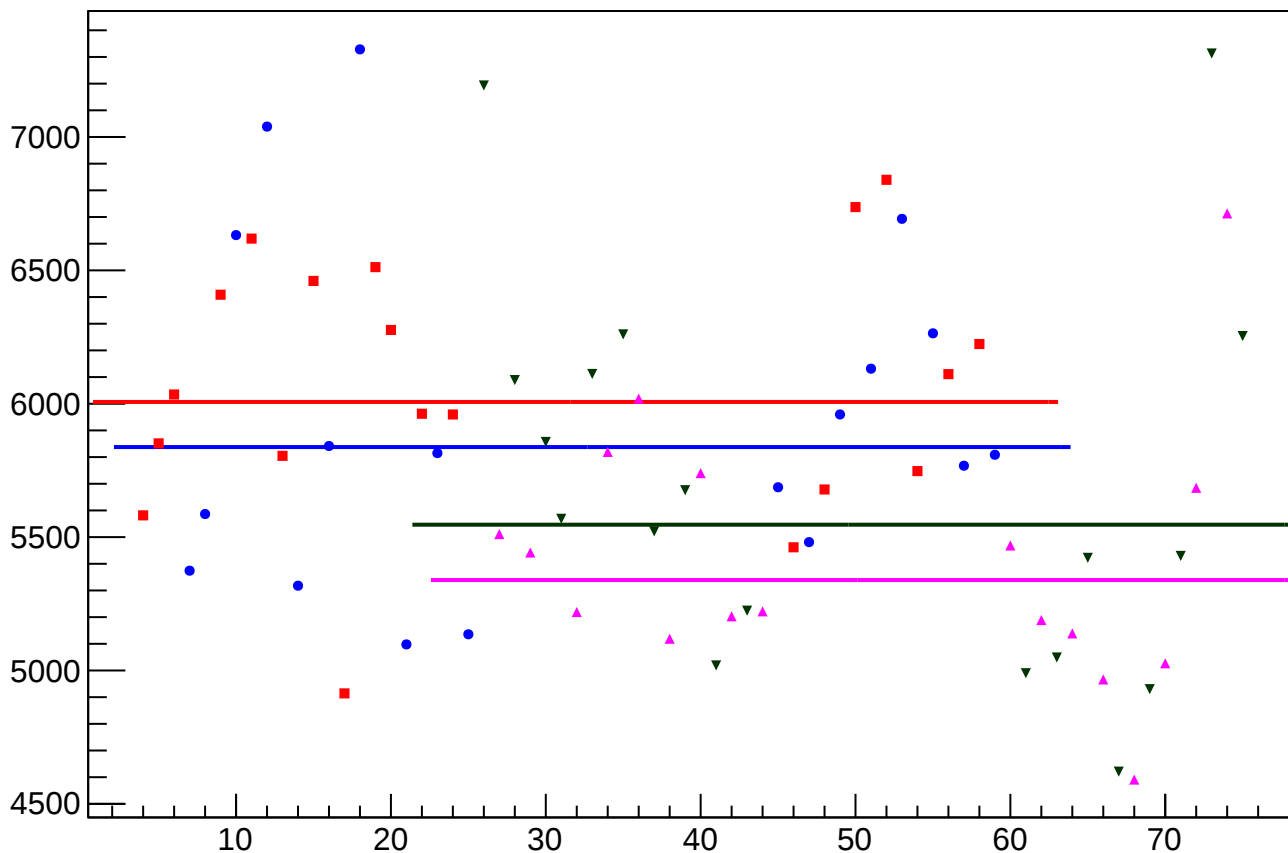
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: -0.018 ± 1.722 χ^2/NDF : 23.2/16

1.865 ± 1.263 χ^2/NDF : 32.4/35

-0.244 ± 1.278 χ^2/NDF : 35.5/35

diff_bpm11X_rms vs slug



Right In: 5837.587 ± 1.239 $\chi^2/\text{NDF}: 211311.8/17$

Left Out: 5546.538 ± 1.289 $\chi^2/\text{NDF}: 258159.1/17$

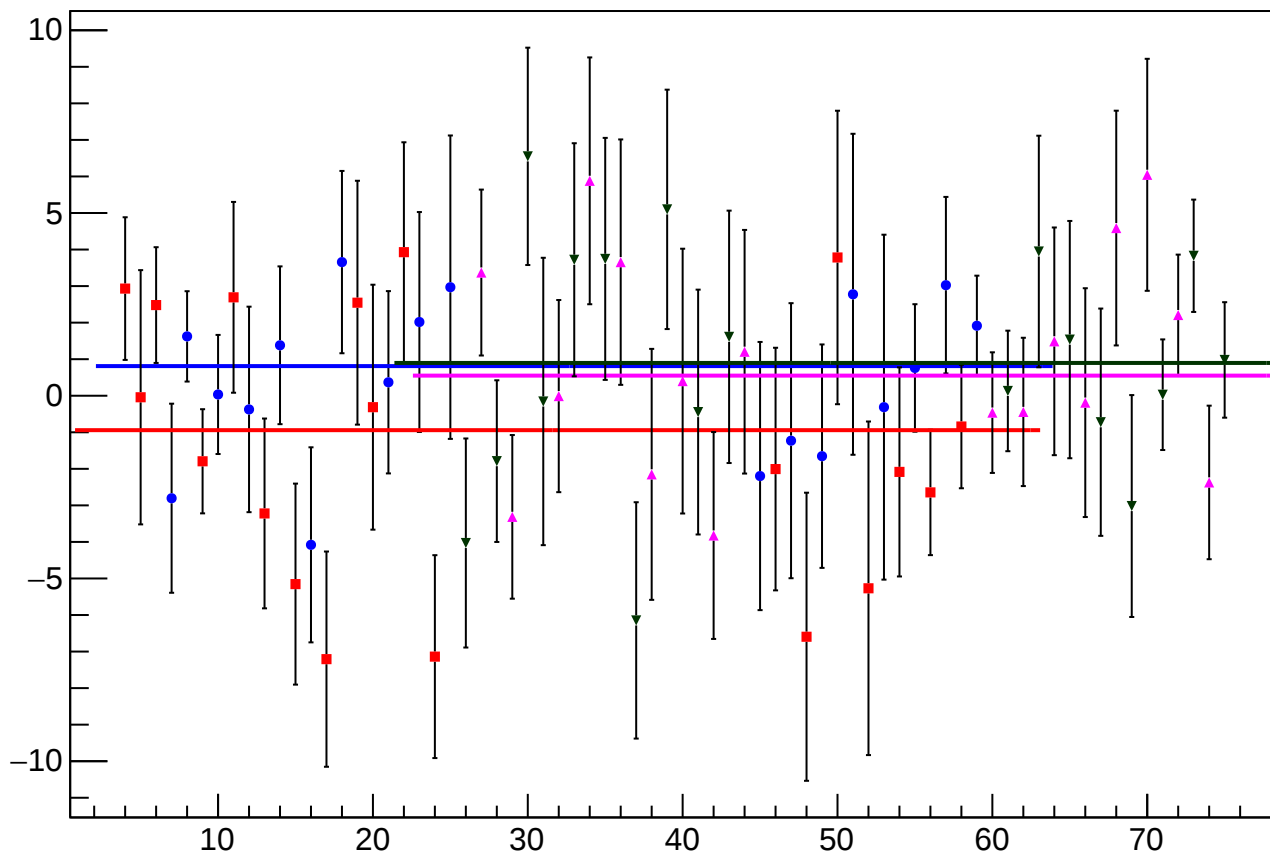
Right Out: 6006.736 ± 1.348 $\chi^2/\text{NDF}: 130455.1/18$

Left In: 5339.048 ± 1.218 $\chi^2/\text{NDF}: 114805.5/16$

5697.865 ± 0.893 $\chi^2/\text{NDF}: 495981.8/35$

5639.115 ± 0.904 $\chi^2/\text{NDF}: 380321.0/35$

diff_bpm11Y_mean vs slug



Right In: 0.811 ± 0.532 χ^2/NDF : 11.3/17

Left Out: 0.897 ± 0.569 χ^2/NDF : 23.3/17

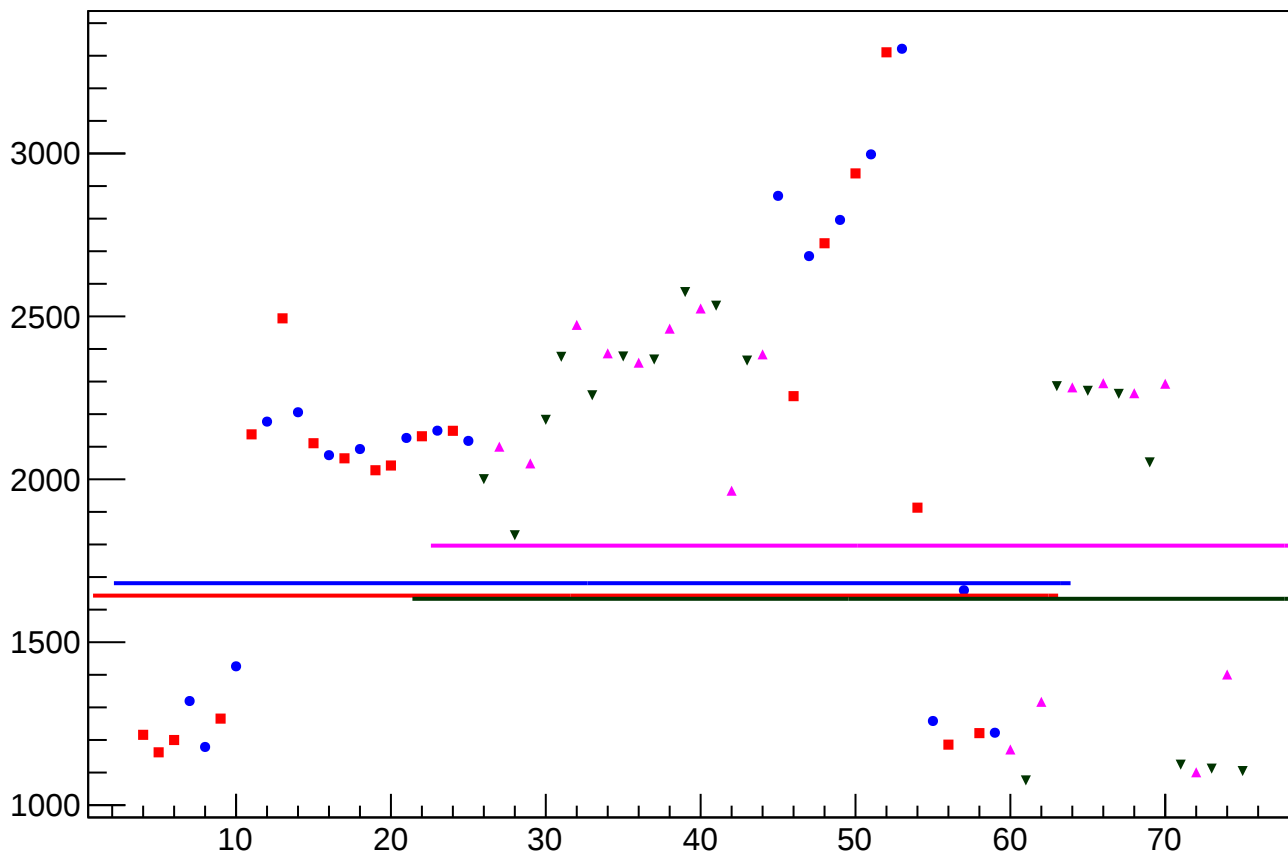
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.550 ± 0.609 χ^2/NDF : 19.2/16

0.851 ± 0.389 χ^2/NDF : 34.7/35

-0.268 ± 0.409 χ^2/NDF : 55.5/35

diff_bpm11Y_rms vs slug



Right In: 1681.167+/-0.376 χ^2/NDF : 2212913.1/17

Left Out: 1633.264+/-0.402 χ^2/NDF : 2058887.1/17

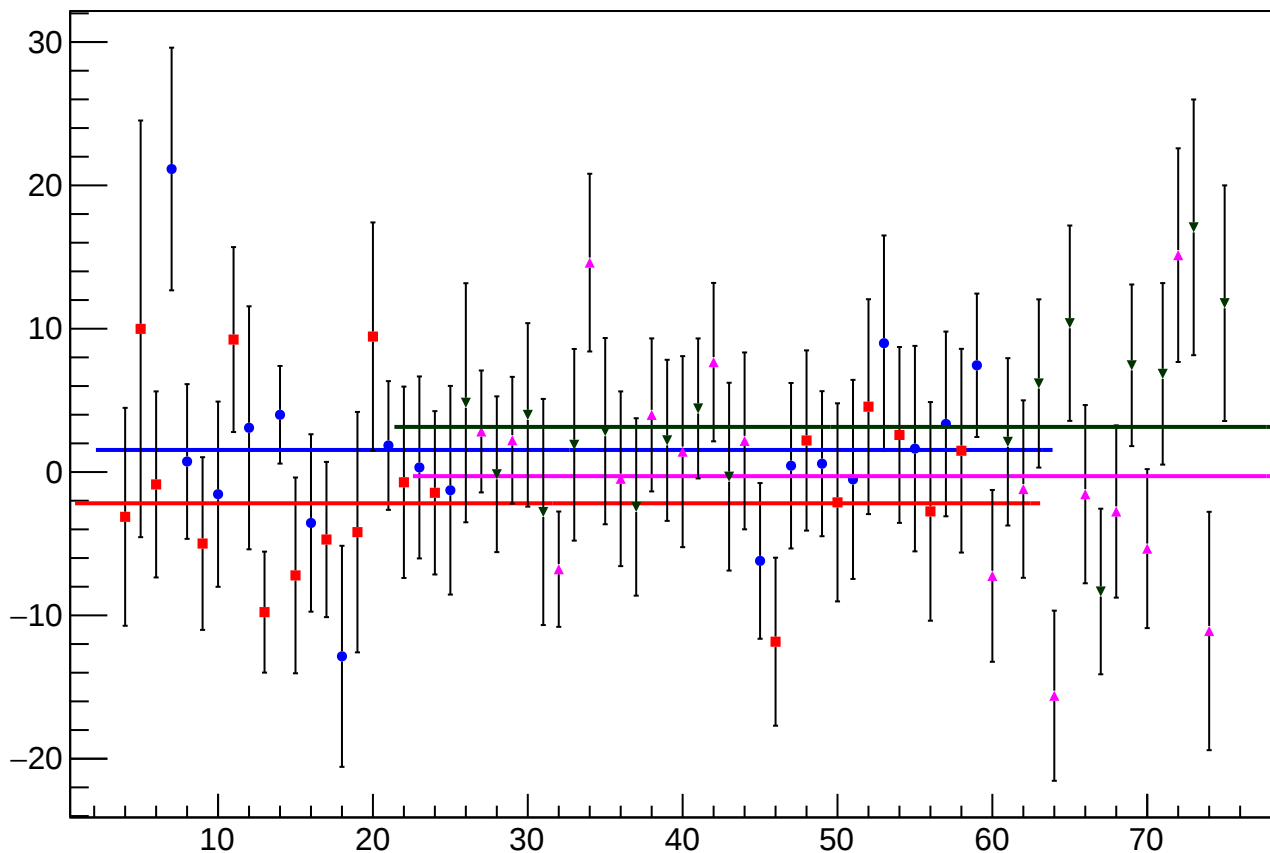
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1796.463+/-0.431 χ^2/NDF : 1551247.7/16

1658.814+/-0.275 χ^2/NDF : 4279365.9/35

1712.306+/-0.289 χ^2/NDF : 3590148.6/35

diff_bpm12X_mean vs slug



Right In: 1.541 ± 1.369 χ^2/NDF : 15.2/17

Left Out: 3.148 ± 1.488 χ^2/NDF : 12.1/17

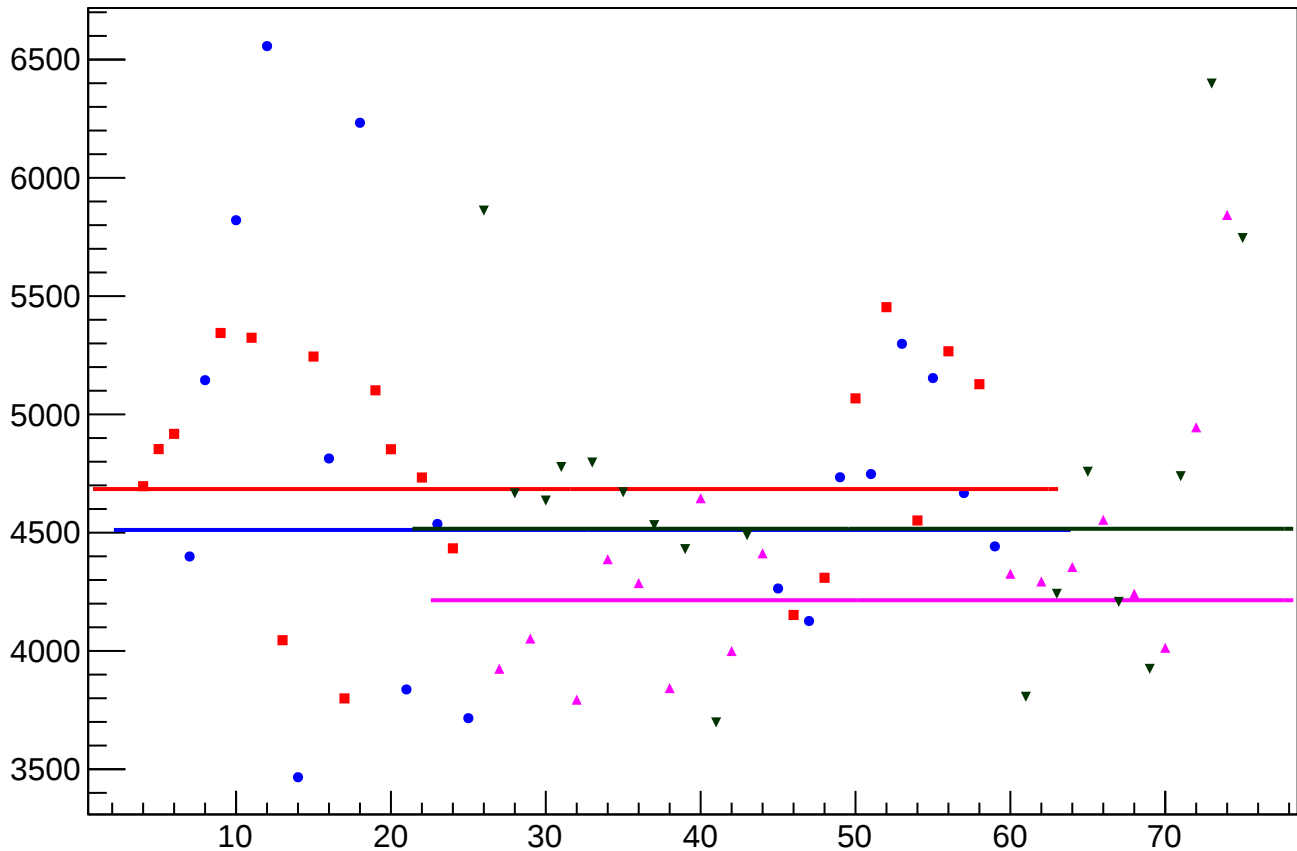
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: -0.287 ± 1.363 χ^2/NDF : 27.2/16

2.278 ± 1.008 χ^2/NDF : 27.9/35

-1.147 ± 1.006 χ^2/NDF : 43.3/35

diff_bpm12X_rms vs slug



Right In: 4511.494+/-0.968 χ^2/NDF : 646999.1/17

Left Out: 4516.498+/-1.052 χ^2/NDF : 318253.7/17

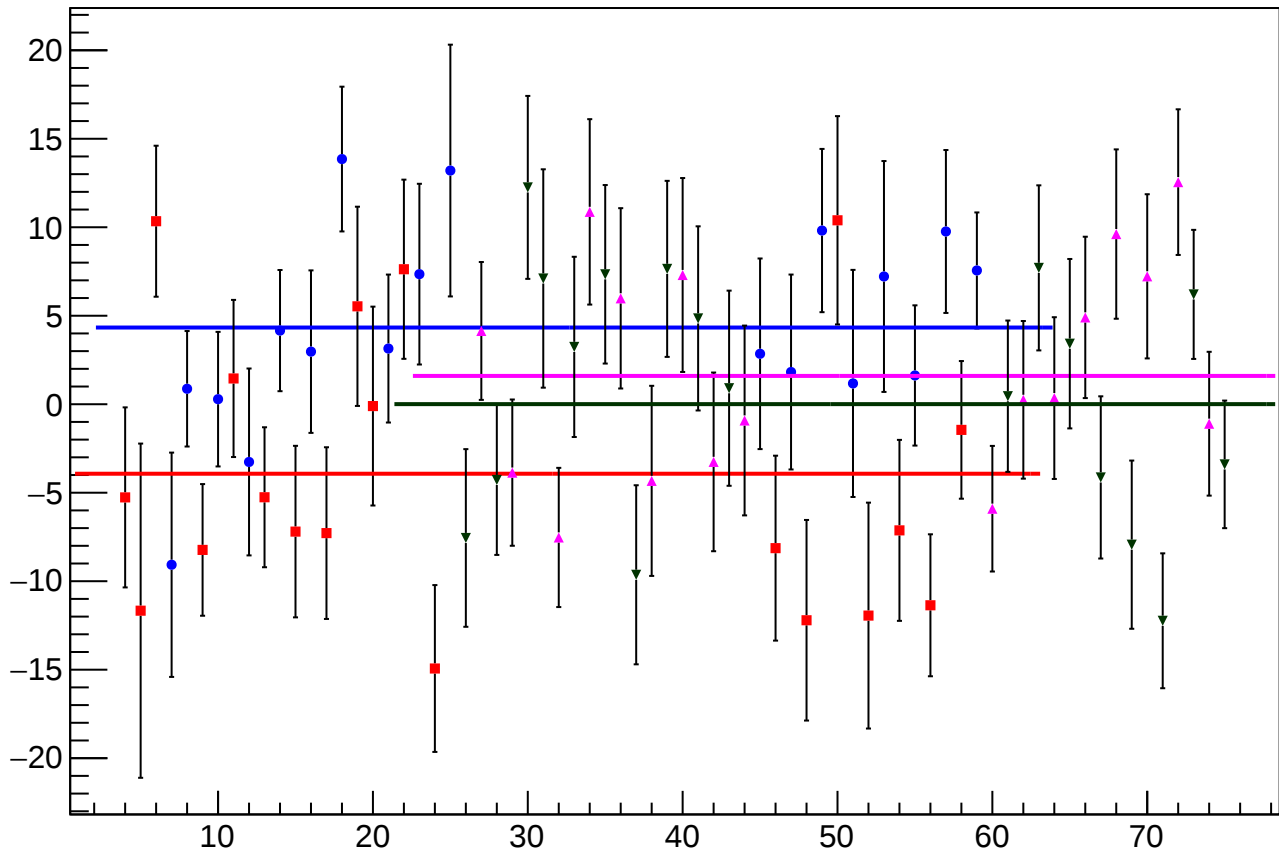
4513.788+/-0.713 χ^2/NDF : 965265.0/35

Right Out: 4684.391+/-1.055 χ^2/NDF : 240230.9/18

4428.049+/-0.712 χ^2/NDF : 514006.9/35

Left In: 4214.391+/-0.963 χ^2/NDF : 165595.8/16

diff_bpm12Y_mean vs slug



Right In: 4.334 ± 1.055 χ^2/NDF : 21.3/17

Left Out: 0.005 ± 1.089 χ^2/NDF : 40.6/17

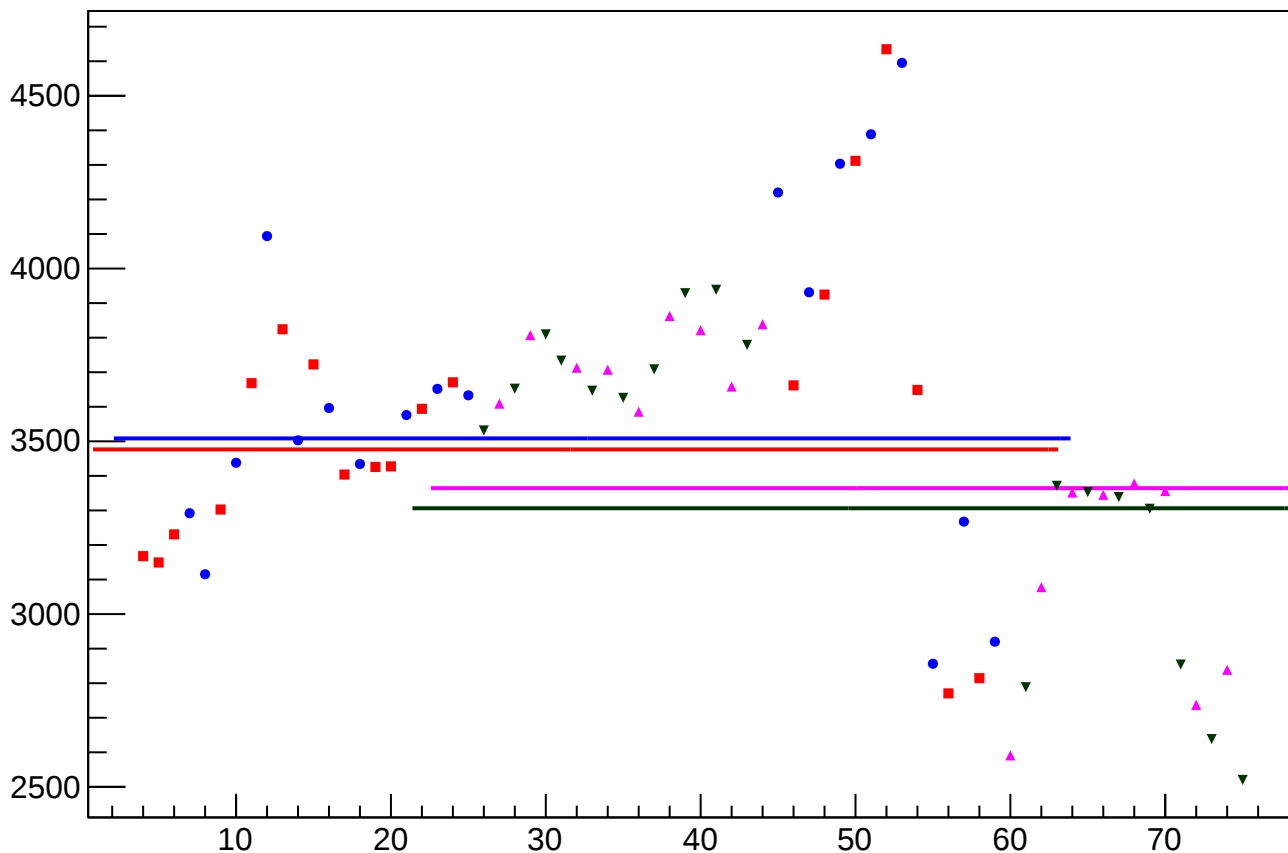
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: 1.600 ± 1.090 χ^2/NDF : 31.8/16

2.237 ± 0.758 χ^2/NDF : 70.0/35

-1.114 ± 0.778 χ^2/NDF : 88.7/35

diff_bpm12Y_rms vs slug



Right In: 3508.449 $\pm$ 0.746 χ^2 /NDF: 384135.9/17

Left Out: 3306.318 $\pm$ 0.770 χ^2 /NDF: 371603.9/17

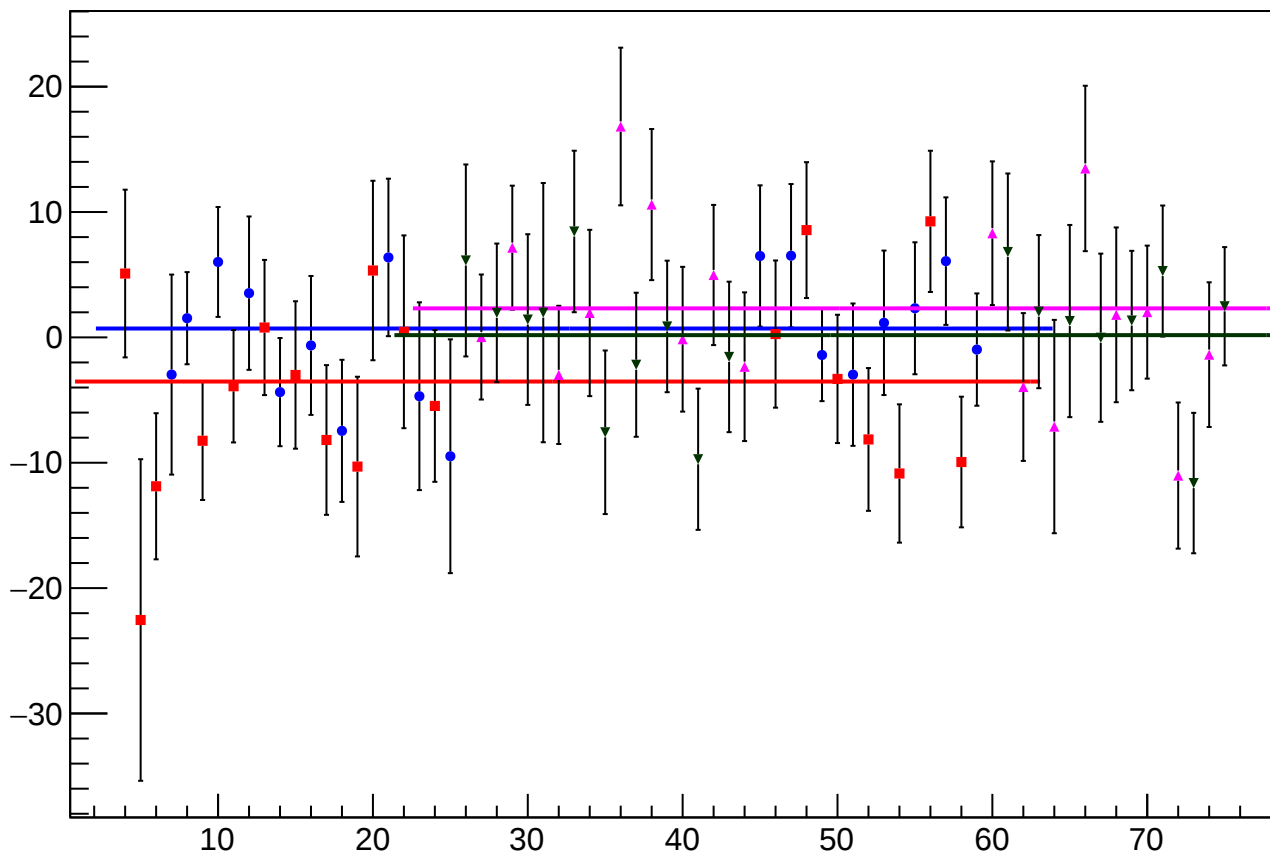
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3364.556 $\pm$ 0.771 χ^2 /NDF: 295785.5/16

3410.540 $\pm$ 0.536 χ^2 /NDF: 791285.4/35

3419.597 $\pm$ 0.550 χ^2 /NDF: 599923.3/35

diff_bpm16X_mean vs slug



Right In: 0.708 ± 1.229 χ^2/NDF : 12.2/17

Left Out: 0.179 ± 1.426 χ^2/NDF : 14.1/17

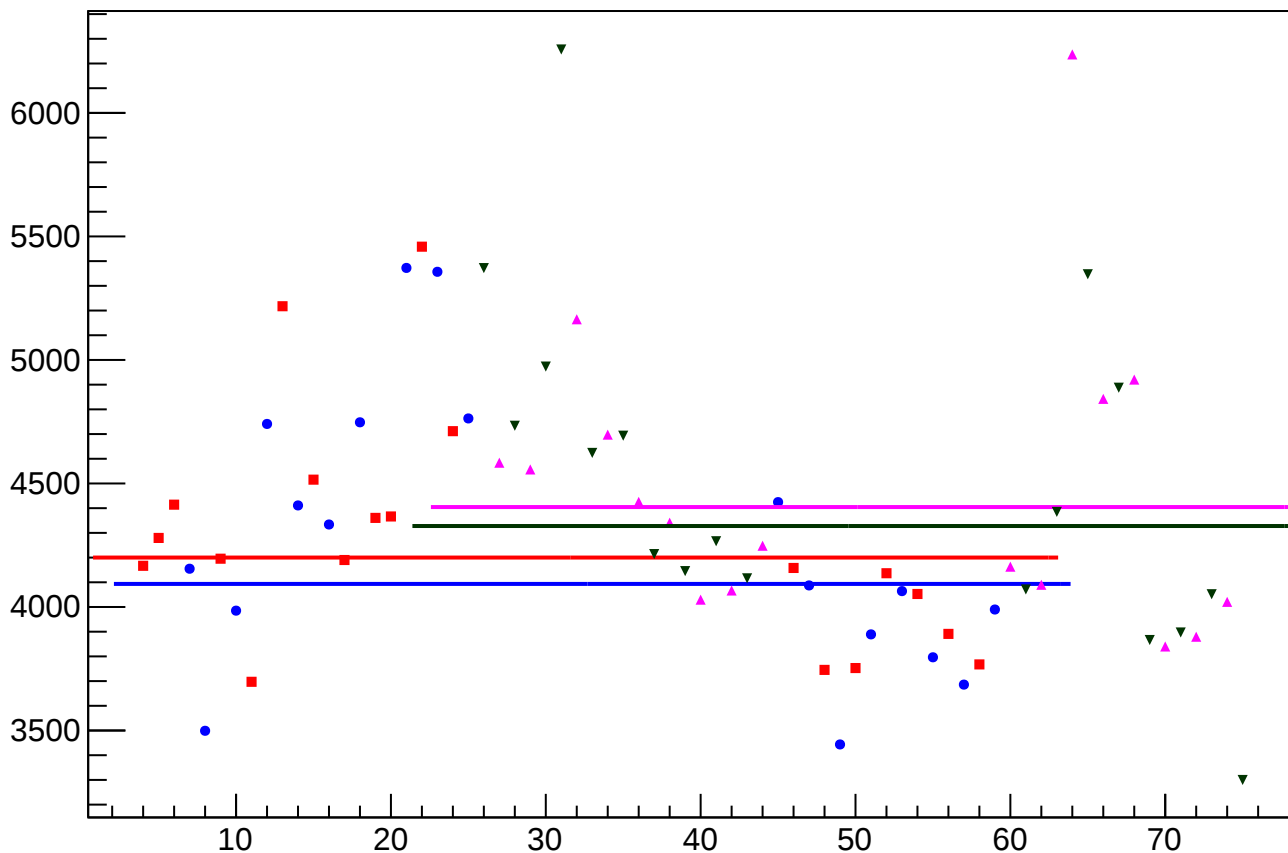
Right Out: -3.522 ± 1.336 χ^2/NDF : 25.4/18

Left In: 2.314 ± 1.426 χ^2/NDF : 22.3/16

0.483 ± 0.931 χ^2/NDF : 26.4/35

-0.795 ± 0.975 χ^2/NDF : 56.7/35

diff_bpm16X_rms vs slug



Right In: 4093.382 $\pm$ 0.869 χ^2 /NDF: 359698.6/17

Left Out: 4327.766 $\pm$ 1.009 χ^2 /NDF: 331959.6/17

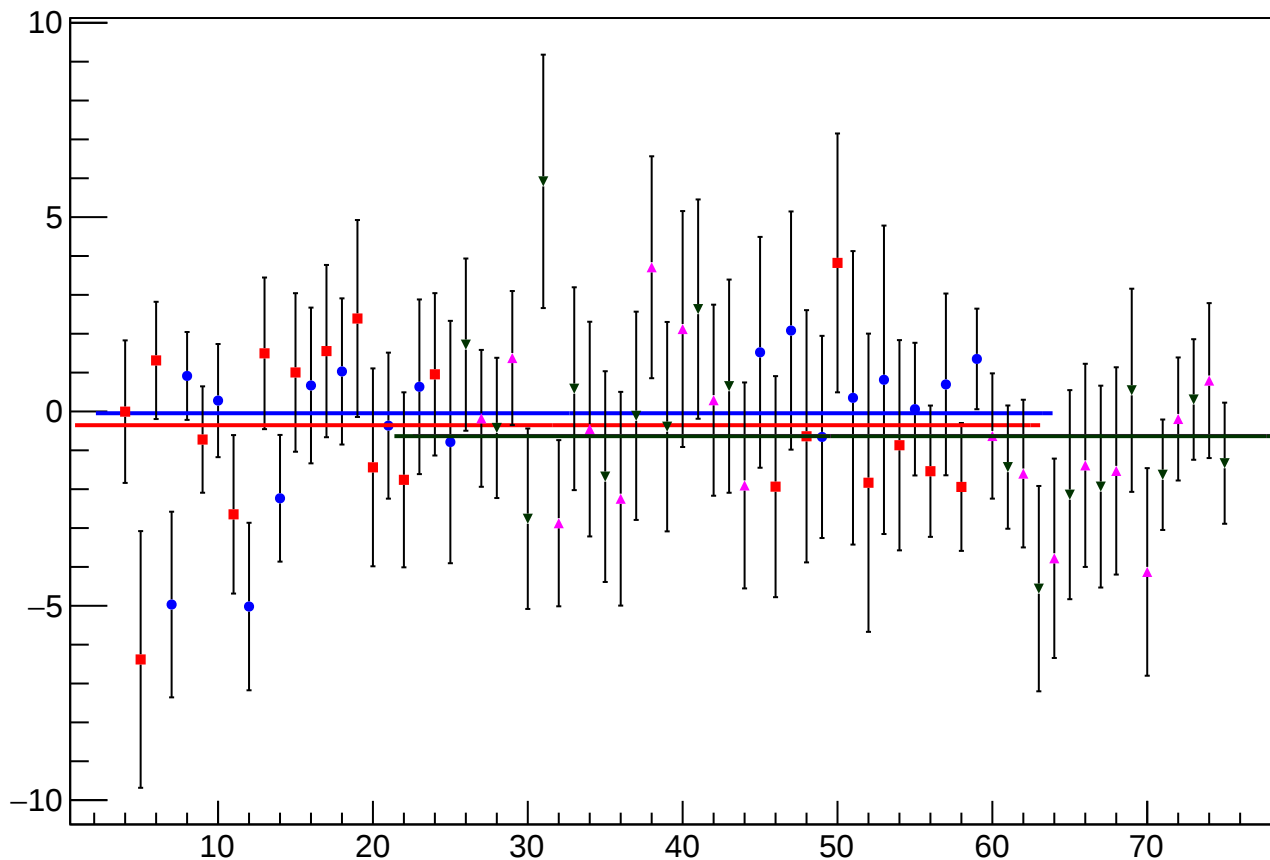
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4404.519 $\pm$ 1.009 χ^2 /NDF: 233219.2/16

4193.229 $\pm$ 0.658 χ^2 /NDF: 722654.6/35

4295.640 $\pm$ 0.689 χ^2 /NDF: 480954.5/35

diff_bpm16Y_mean vs slug



Right In: -0.046 ± 0.458 χ^2/NDF : 14.9/17

Left Out: -0.635 ± 0.506 χ^2/NDF : 12.3/17

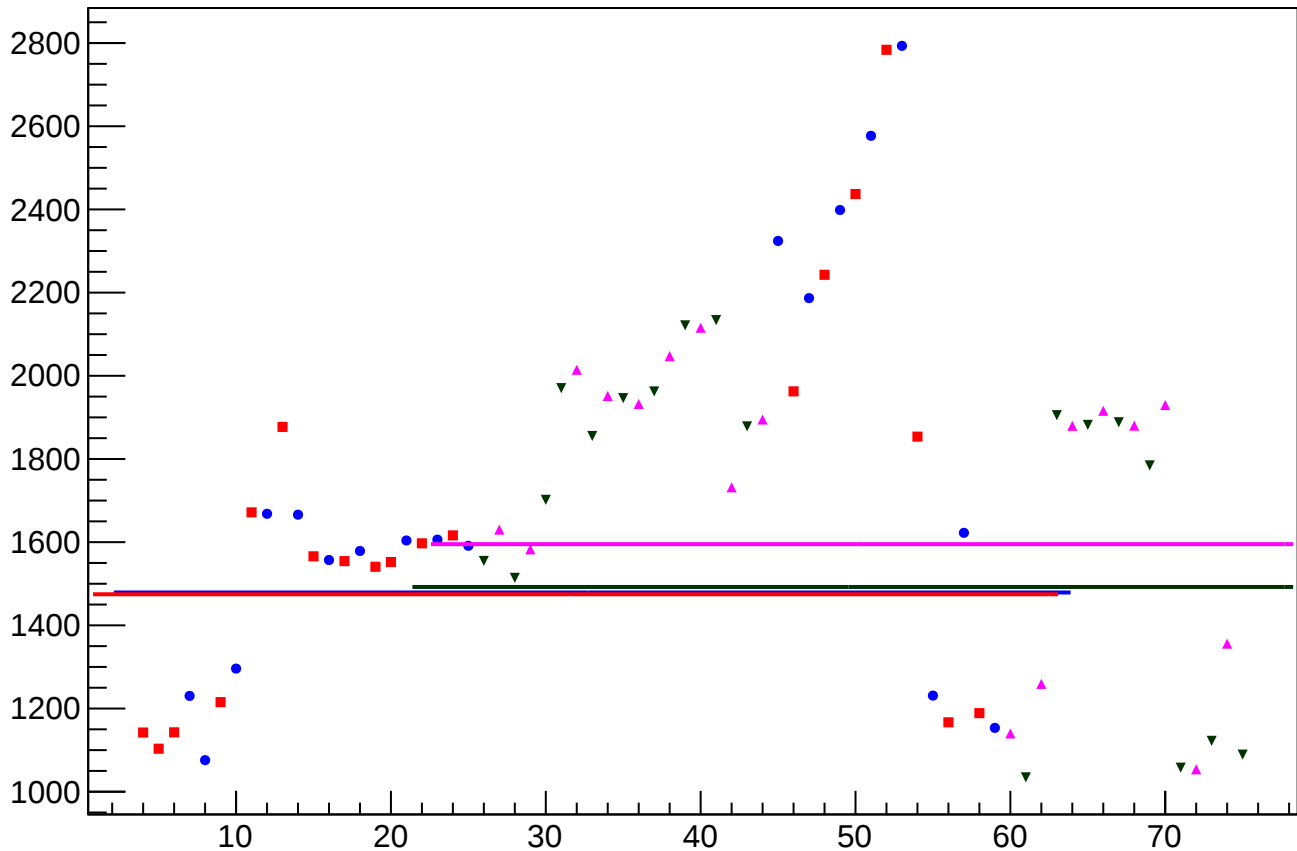
Right Out: -0.354 ± 0.483 χ^2/NDF : 13.6/18

Left In: -0.631 ± 0.529 χ^2/NDF : 10.6/16

-0.311 ± 0.340 χ^2/NDF : 27.9/35

-0.480 ± 0.357 χ^2/NDF : 24.4/35

diff_bpm16Y_rms vs slug



Right In: 1479.014+/-0.324 χ^2/NDF : 1459343.9/17

Left Out: 1492.271+/-0.358 χ^2/NDF :1233278.1/17

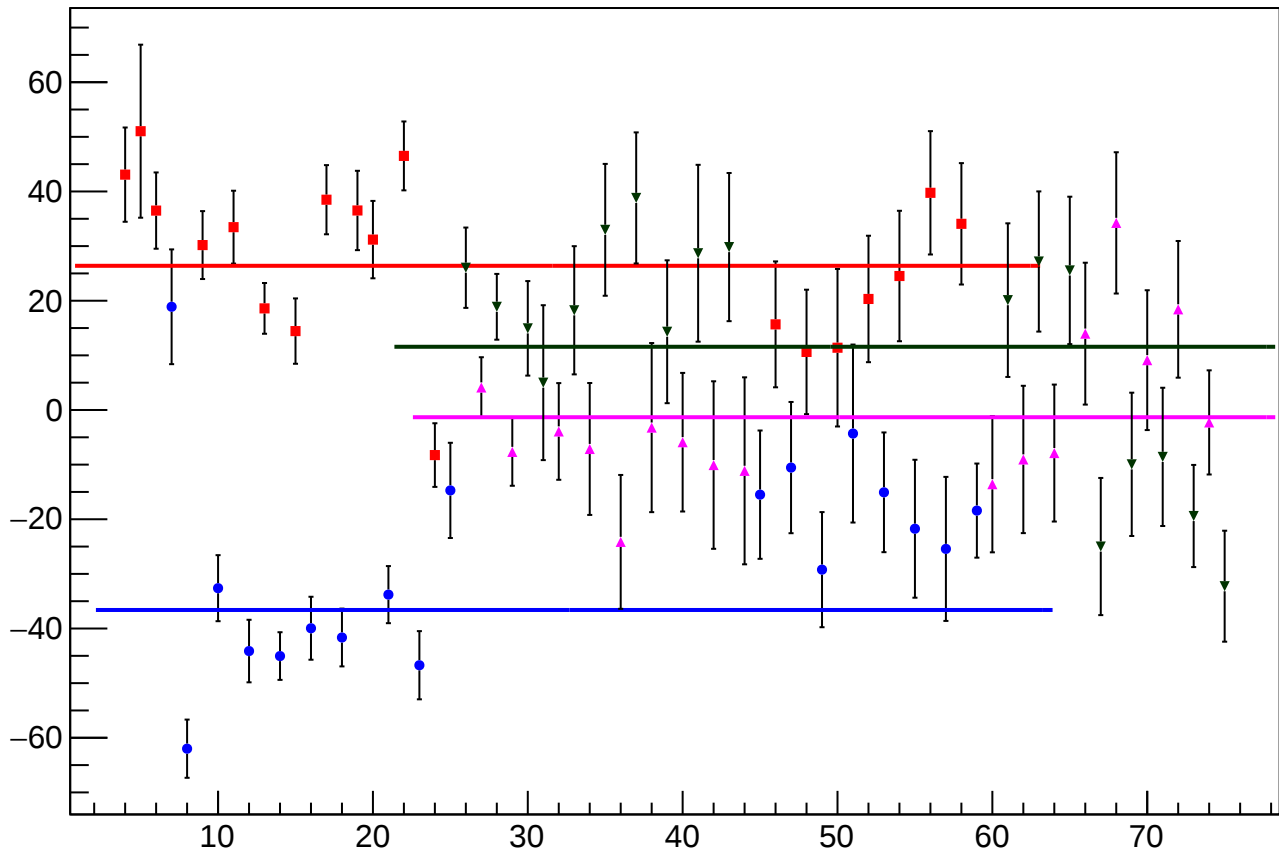
1484.988+/-0.240 χ^2/NDF : 2693376.2/35

Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

1529.550+/-0.252 χ^2/NDF : 2057208.0/35

Left In: 1595.206+/-0.374 χ^2/NDF :875506.8/16

diff_bpm0l01X_mean vs slug



Right In: -36.608 ± 1.674 χ^2/NDF : 89.8/17

Left Out: 11.573 ± 2.526 χ^2/NDF : 63.5/17

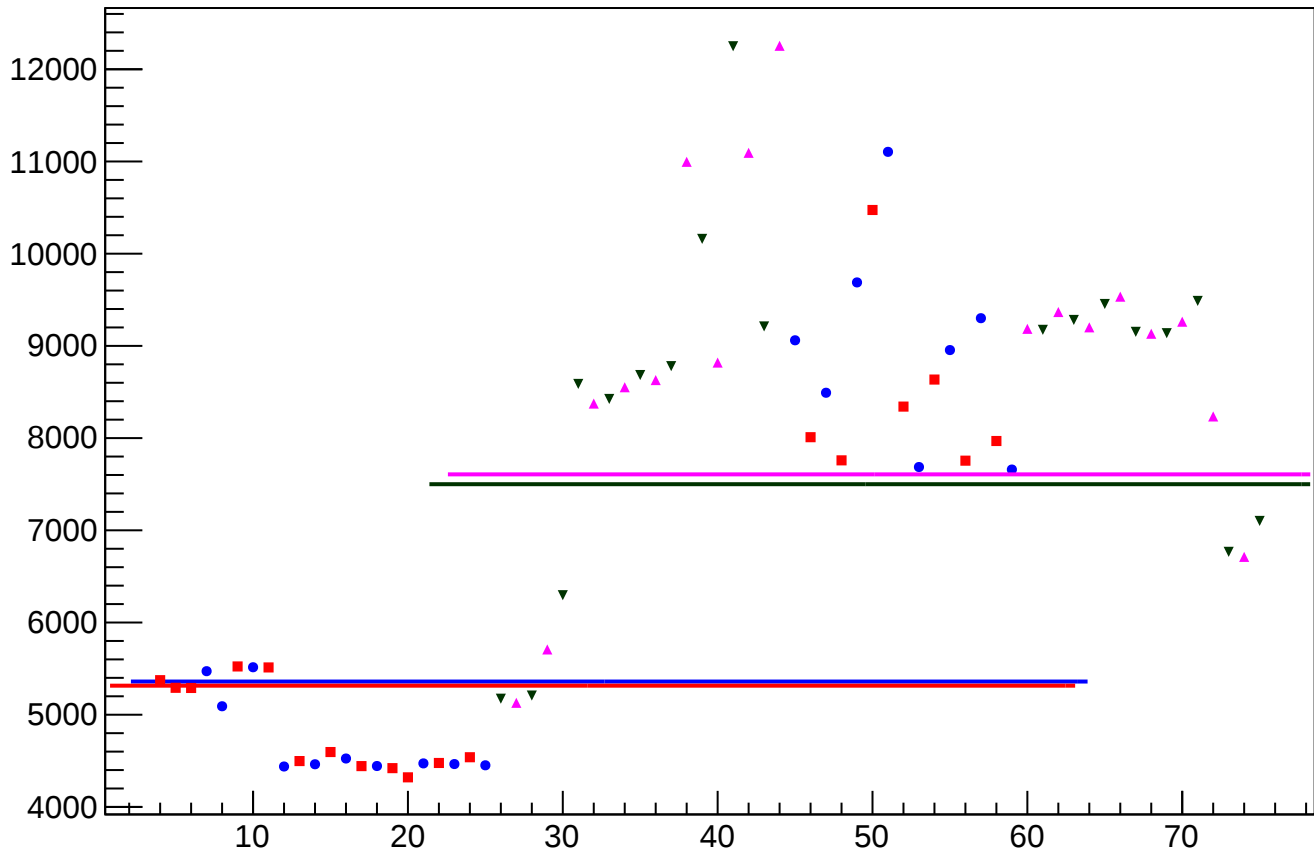
Right Out: 26.394 ± 1.742 χ^2/NDF : 74.2/18

Left In: -1.323 ± 2.526 χ^2/NDF : 20.3/16

-21.902 ± 1.395 χ^2/NDF : 406.2/35

17.461 ± 1.434 χ^2/NDF : 176.1/35

diff_bpm0l01X_rms vs slug



Right In: 5359.964+/-1.184 χ^2/NDF : 1859958.8/17

Left Out: 7500.037+/-1.786 χ^2/NDF :1121262.8/17

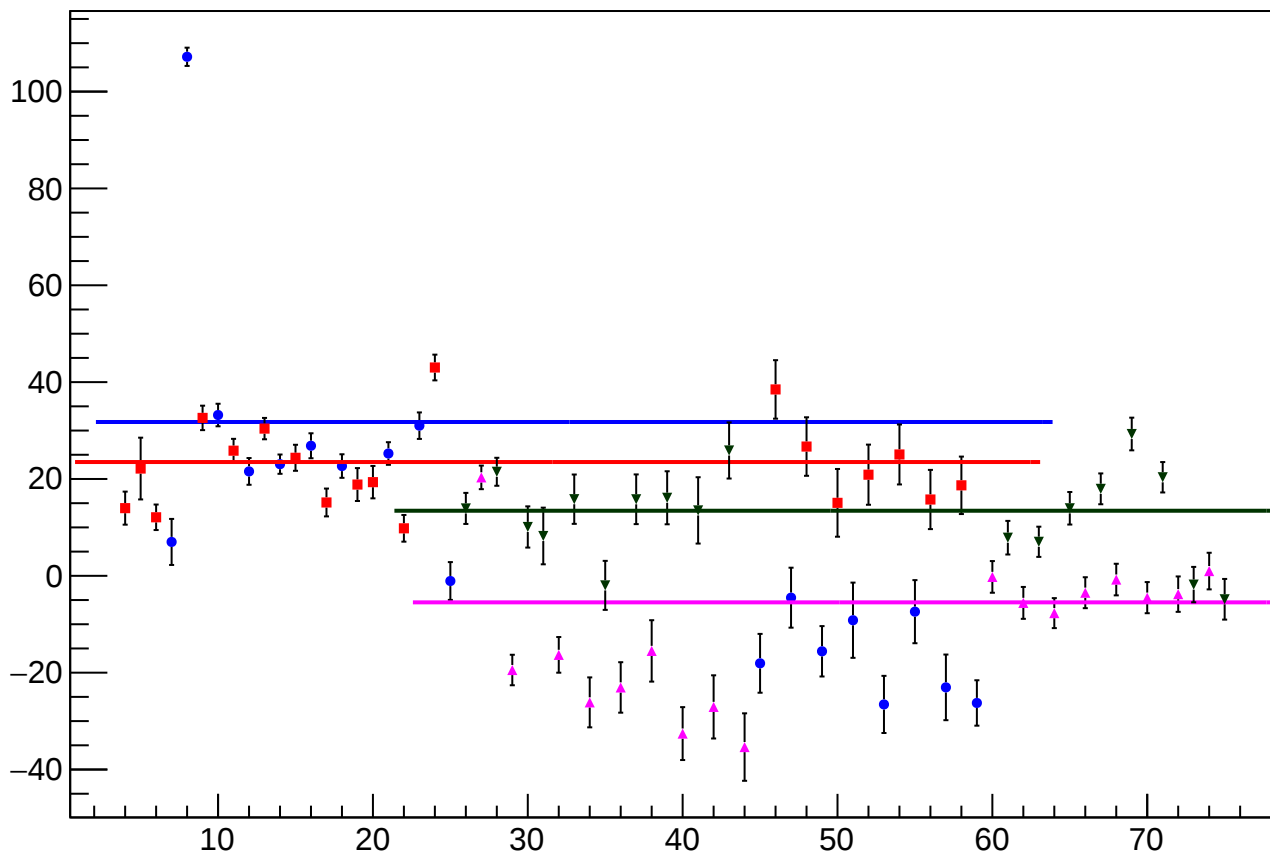
Right Out: 5315.062+/-1.232 χ^2/NDF : 1229938.4/18

Left In: 7606.769+/-1.786 χ^2/NDF :1221235.8/16

6013.148+/-0.987 χ^2/NDF : 3978865.0/35

6053.673+/-1.014 χ^2/NDF : 3566806.0/35

diff_bpm0l01Y_mean vs slug



Right In: 31.767 $\pm$ 0.741 χ^2 /NDF: 2323.1/17

Left Out: 13.441 $\pm$ 0.915 χ^2 /NDF: 95.9/17

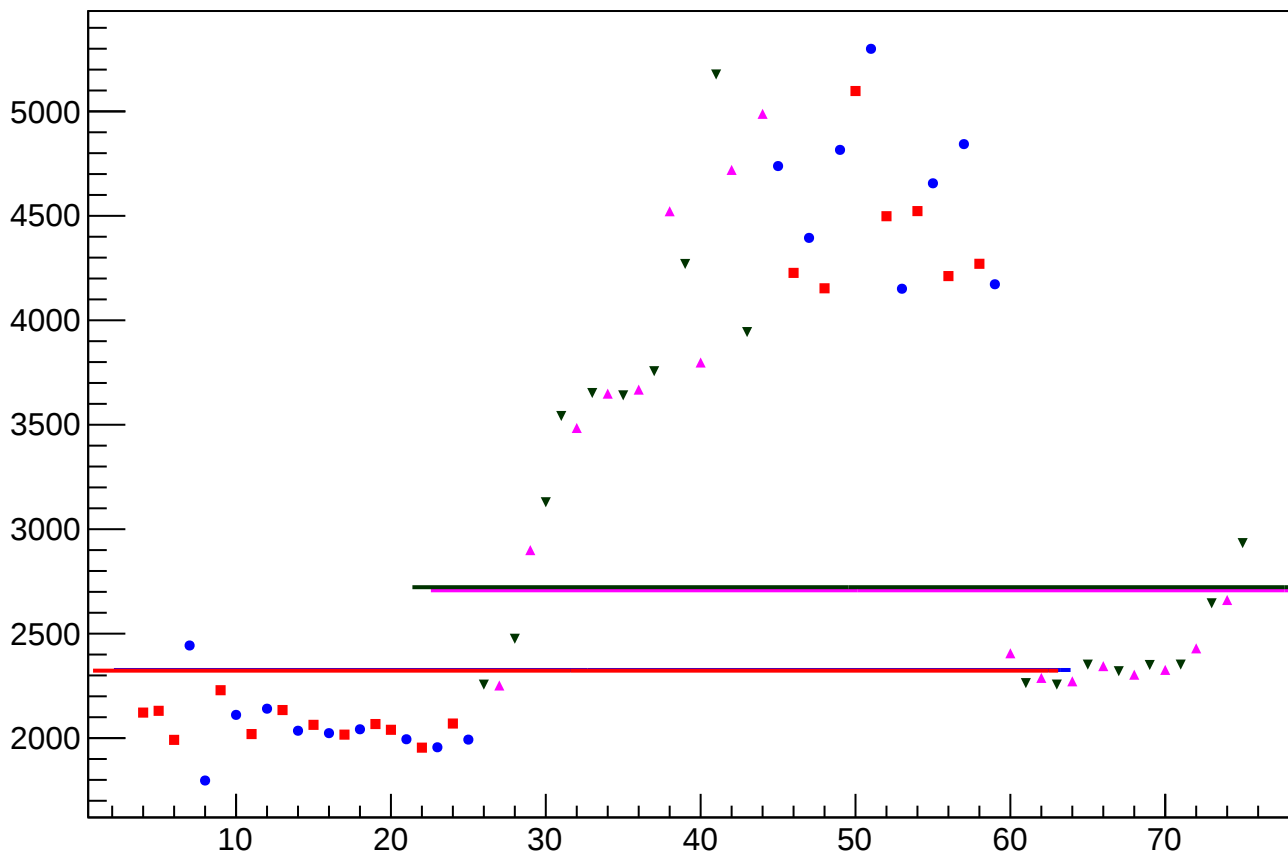
Right Out: 23.500 $\pm$ 0.773 χ^2 /NDF: 151.3/18

Left In: -5.480 $\pm$ 0.897 χ^2 /NDF: 233.3/16

24.507 $\pm$ 0.576 χ^2 /NDF: 2661.4/35

11.154 $\pm$ 0.585 χ^2 /NDF: 984.0/35

diff_bpm0l01Y_rms vs slug



Right In: 2326.082+/-0.524 χ^2/NDF : 2696546.0/17

Left Out: 2722.354+/-0.647 χ^2/NDF : 1027352.9/17

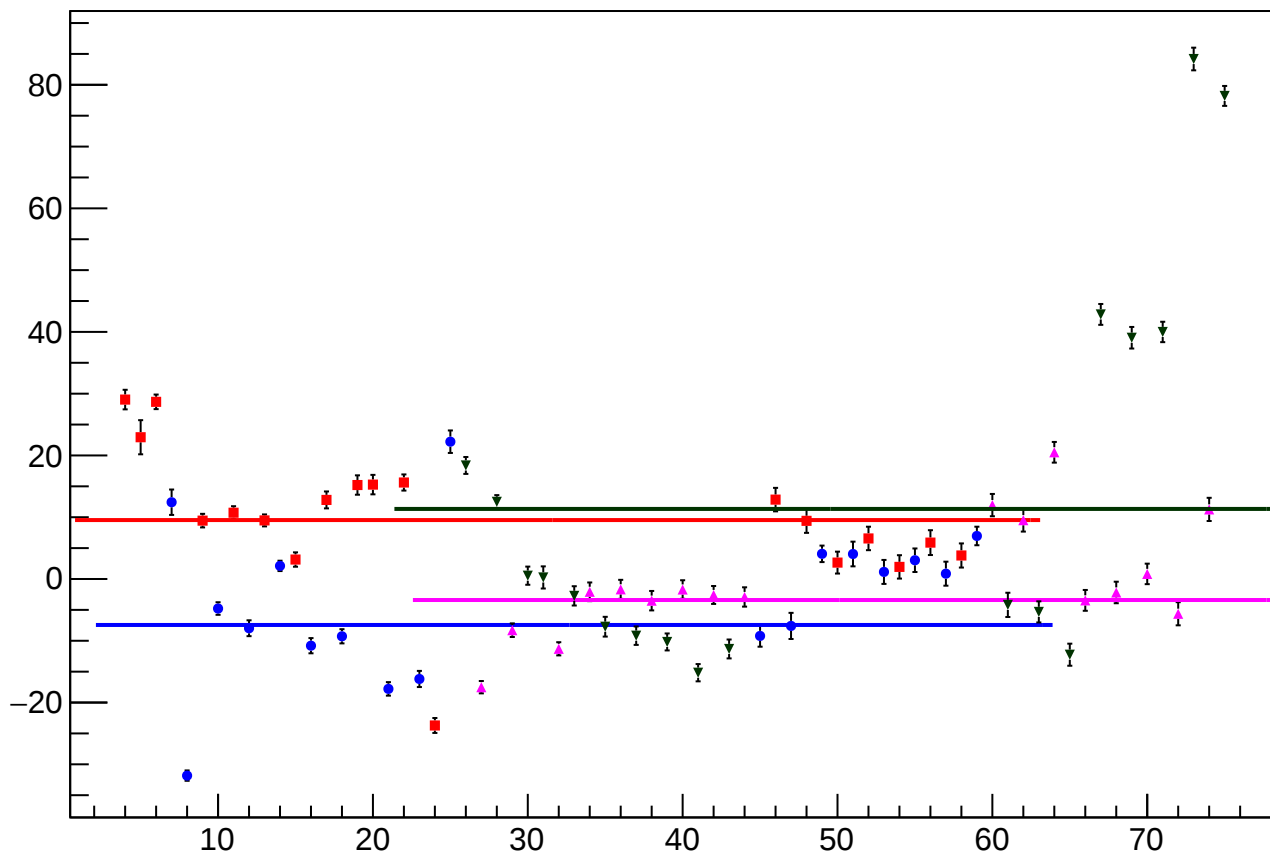
Right Out: 2322.918+/-0.546 χ^2/NDF : 1810759.5/18

Left In: 2707.503+/-0.634 χ^2/NDF : 1134701.5/16

2483.061+/-0.407 χ^2/NDF : 3950590.1/35

2486.765+/-0.414 χ^2/NDF : 3156583.8/35

diff_bpm2i01X_mean vs slug



Right In: -7.442 ± 0.310 χ^2/NDF : 1753.9/17

Left Out: 11.343 ± 0.365 χ^2/NDF : 5884.0/17

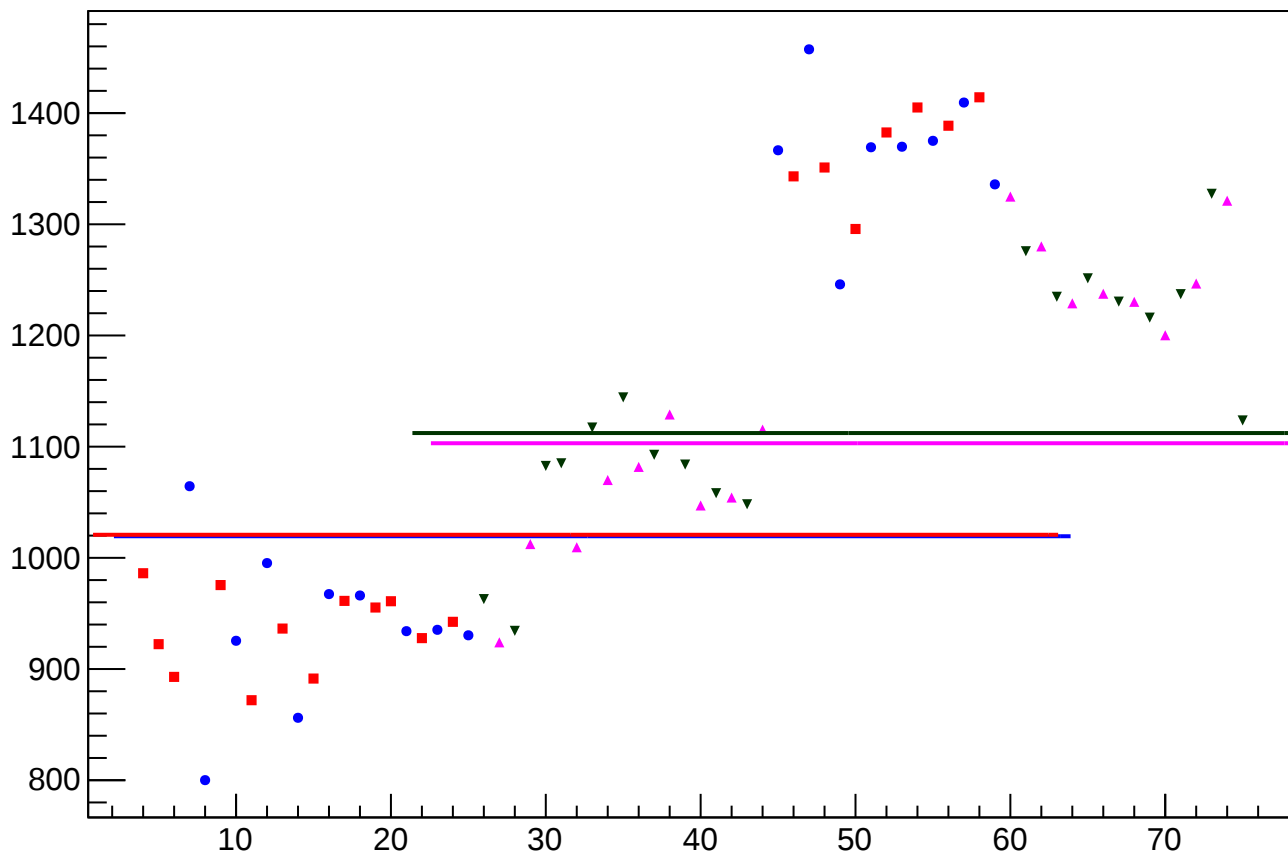
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -3.403 ± 0.357 χ^2/NDF : 672.4/16

0.437 ± 0.236 χ^2/NDF : 9178.7/35

3.616 ± 0.241 χ^2/NDF : 2714.5/35

diff_bpm2i01X_rms vs slug



Right In: 1019.424+/-0.219 χ^2/NDF : 852878.1/17

Left Out: 1112.245+/-0.258 χ^2/NDF :179788.9/17

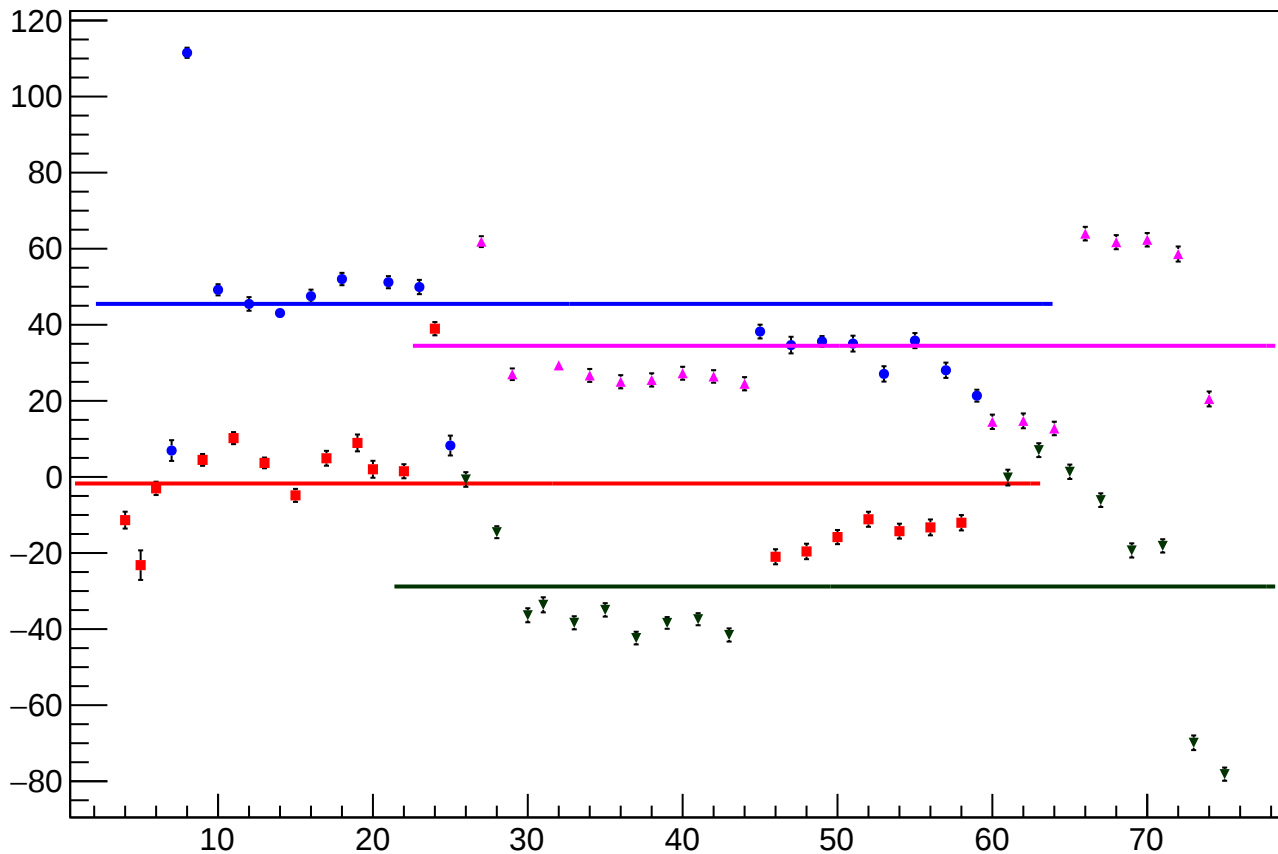
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1103.072+/-0.252 χ^2/NDF :229057.5/16

1058.357+/-0.167 χ^2/NDF : 1107909.0/35

1058.428+/-0.171 χ^2/NDF : 891926.6/35

diff_bpm2i01Y_mean vs slug



Right In: 45.496 $\pm$ 0.408 χ^2 /NDF: 3402.2/17

Left Out: -28.804 $\pm$ 0.419 χ^2 /NDF:2855.4/17

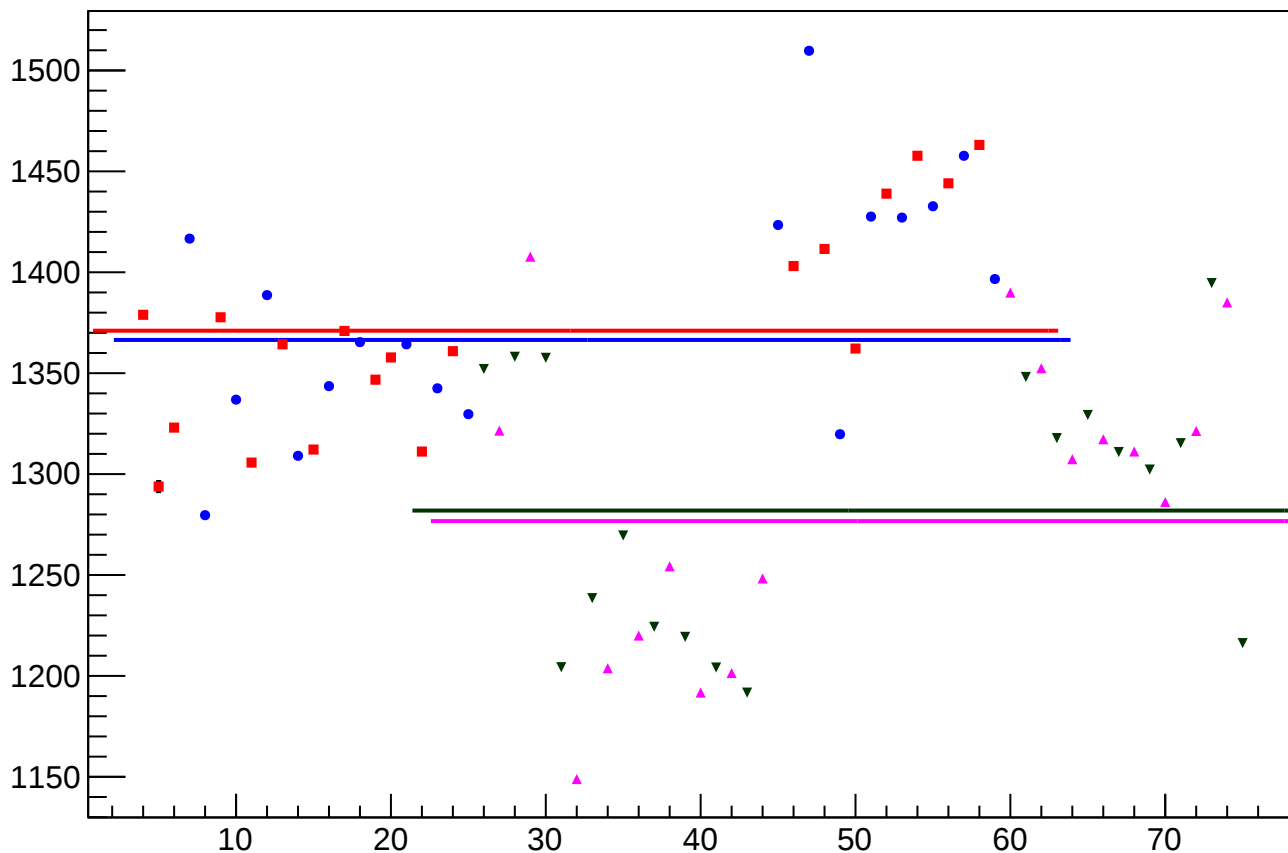
Right Out: -1.724 $\pm$ 0.434 χ^2 /NDF: 1071.7/18

Left In: 34.478 $\pm$ 0.411 χ^2 /NDF:1852.2/16

9.302 $\pm$ 0.292 χ^2 /NDF: 22417.3/35

17.368 $\pm$ 0.298 χ^2 /NDF: 6594.4/35

diff_bpm2i01Y_rms vs slug



Right In: 1366.474+/-0.288 χ^2/NDF : 38633.0/17

Left Out: 1281.931+/-0.296 χ^2/NDF : 46157.3/17

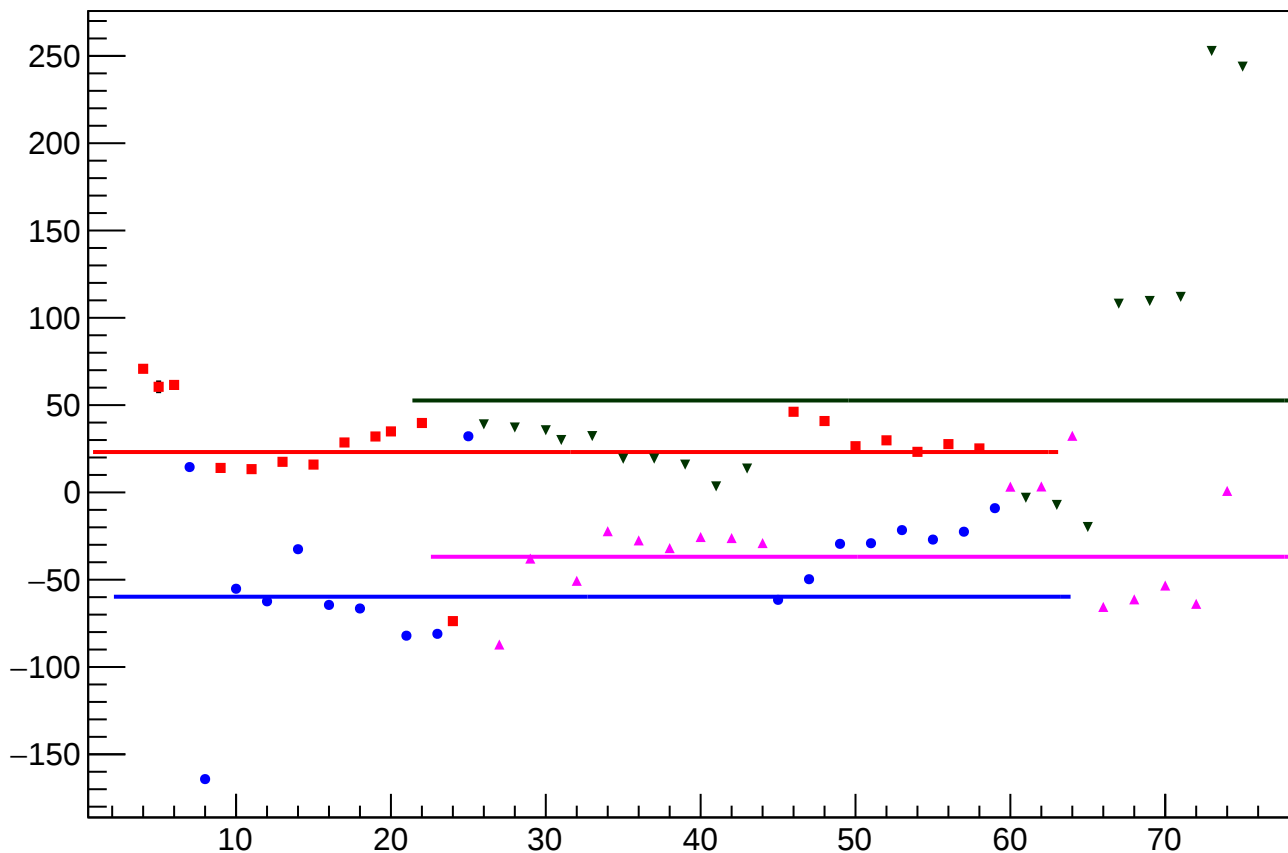
Right Out: 1371.055+/-0.307 χ^2/NDF : 24860.5/18

Left In: 1276.704+/-0.290 χ^2/NDF : 74201.4/16

1325.290+/-0.207 χ^2/NDF : 126634.4/35

1321.298+/-0.211 χ^2/NDF : 148924.8/35

diff_bpm2i02X_mean vs slug



Right In: -59.738 $\pm$ 0.343 χ^2 /NDF: 18760.8/17

Left Out: 52.652 $\pm$ 0.380 χ^2 /NDF: 35000.0/17

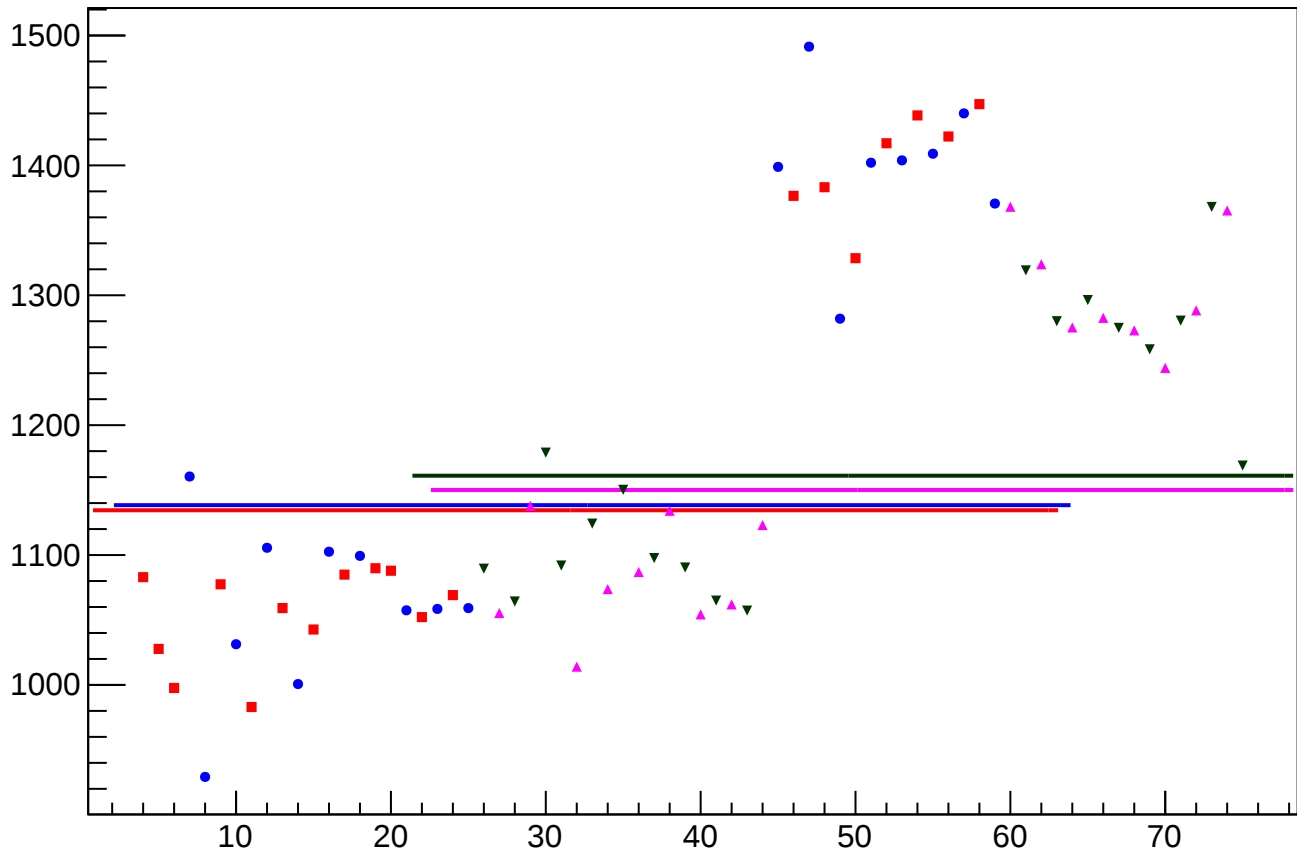
Right Out: 23.126 $\pm$ 0.362 χ^2 /NDF: 7355.2/18

Left In: -36.857 $\pm$ 0.371 χ^2 /NDF: 5997.4/16

-9.263 $\pm$ 0.255 χ^2 /NDF: 101939.1/35

-6.085 $\pm$ 0.259 χ^2 /NDF: 26738.0/35

diff_bpm2i02X_rms vs slug



Right In: 1138.411 ± 0.243 χ^2/NDF : 488075.7/17

Left Out: 1161.080 ± 0.269 χ^2/NDF : 128098.7/17

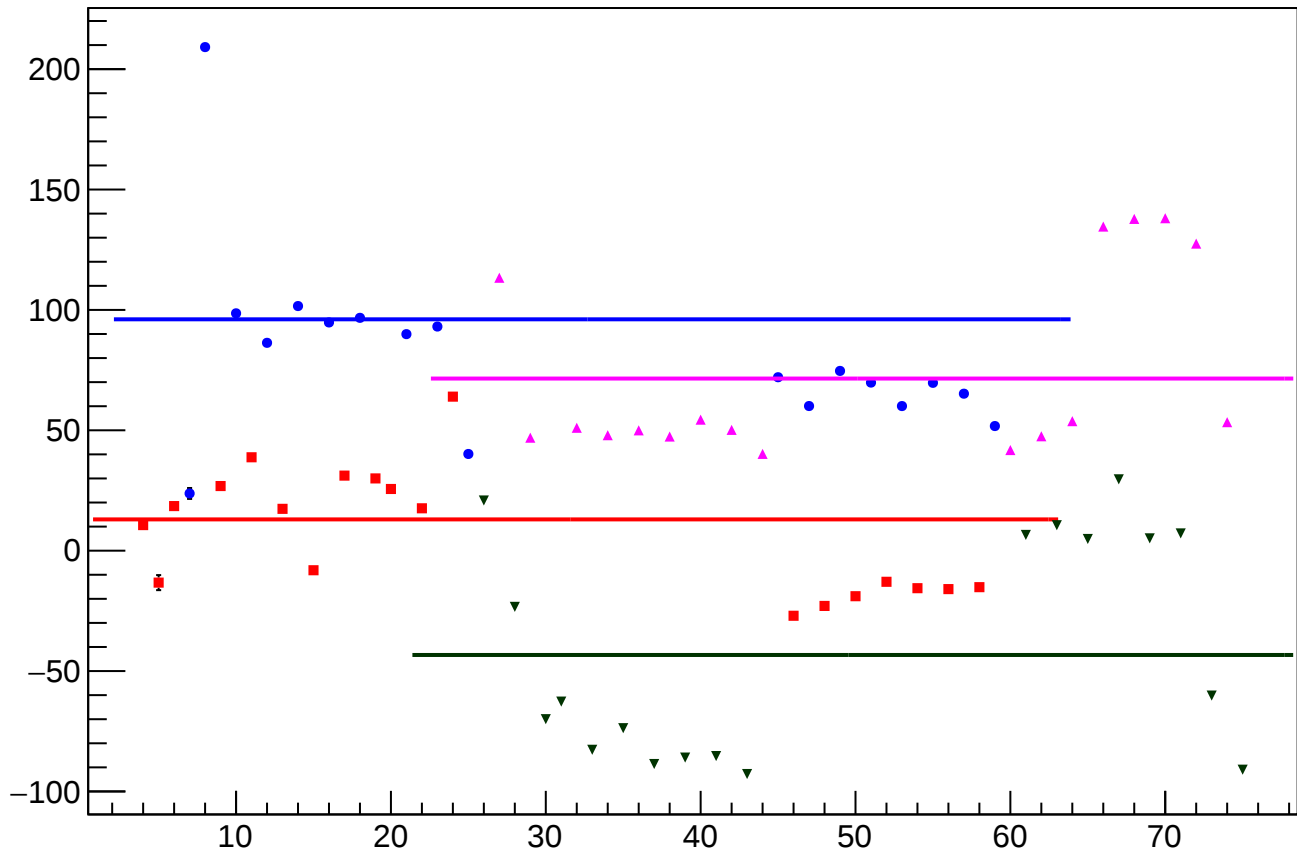
Right Out: 1134.479 ± 0.256 χ^2/NDF : 360721.2/18

Left In: 1150.080 ± 0.263 χ^2/NDF : 186532.4/16

1148.592 ± 0.180 χ^2/NDF : 620094.3/35

1142.076 ± 0.183 χ^2/NDF : 549064.5/35

diff_bpm2i02Y_mean vs slug



Right In: 96.096 $\pm$ 0.343 χ^2 /NDF: 17116.6/17

Left Out: -43.318 $\pm$ 0.375 χ^2 /NDF:14104.8/17

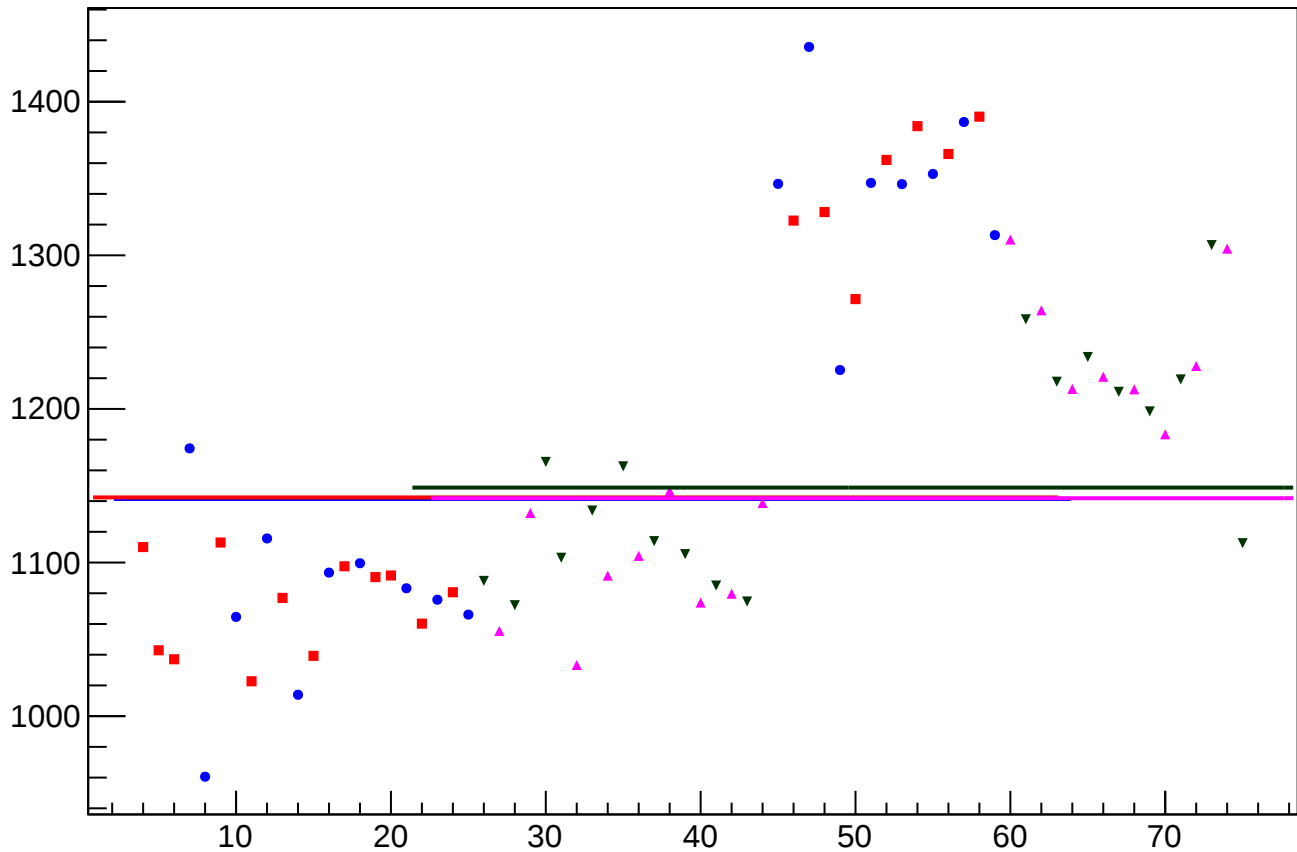
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 71.493 $\pm$ 0.368 χ^2 /NDF:9626.1/16

32.677 $\pm$ 0.253 χ^2 /NDF: 106425.1/35

41.877 $\pm$ 0.258 χ^2 /NDF: 26973.2/35

diff_bpm2i02Y_rms vs slug



Right In: 1141.379+/-0.242 χ^2/NDF : 329306.4/17

Left Out: 1148.782+/-0.265 χ^2/NDF : 62831.1/17

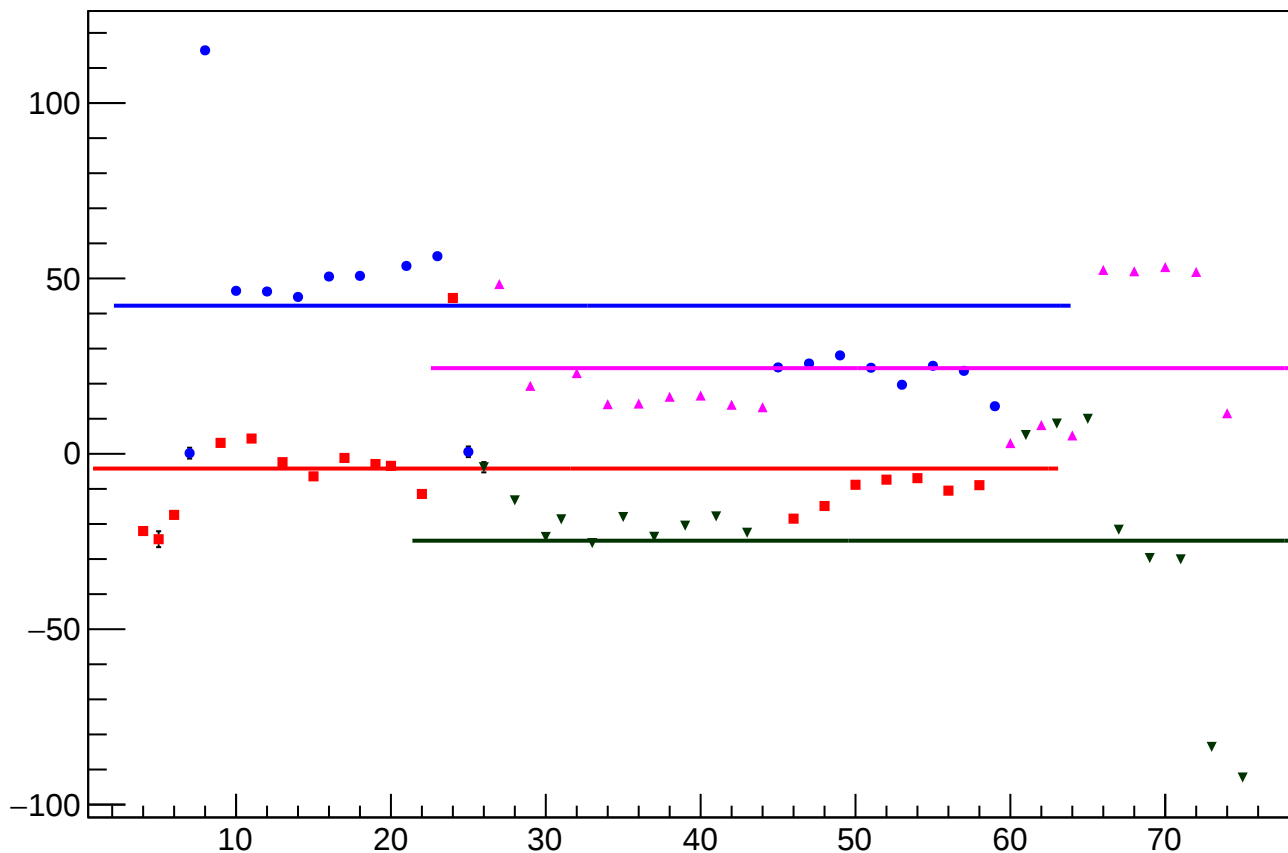
Right Out: 1142.390+/-0.257 χ^2/NDF : 236212.3/18

Left In: 1141.887+/-0.260 χ^2/NDF : 101486.9/16

1144.747+/-0.179 χ^2/NDF : 392561.6/35

1142.141+/-0.183 χ^2/NDF : 337701.0/35

diff_bpm1i04X_mean vs slug



Right In: 42.233+/-0.231 χ^2/NDF : 14293.4/17

Left Out: -24.764+/-0.239 χ^2/NDF :12299.5/17

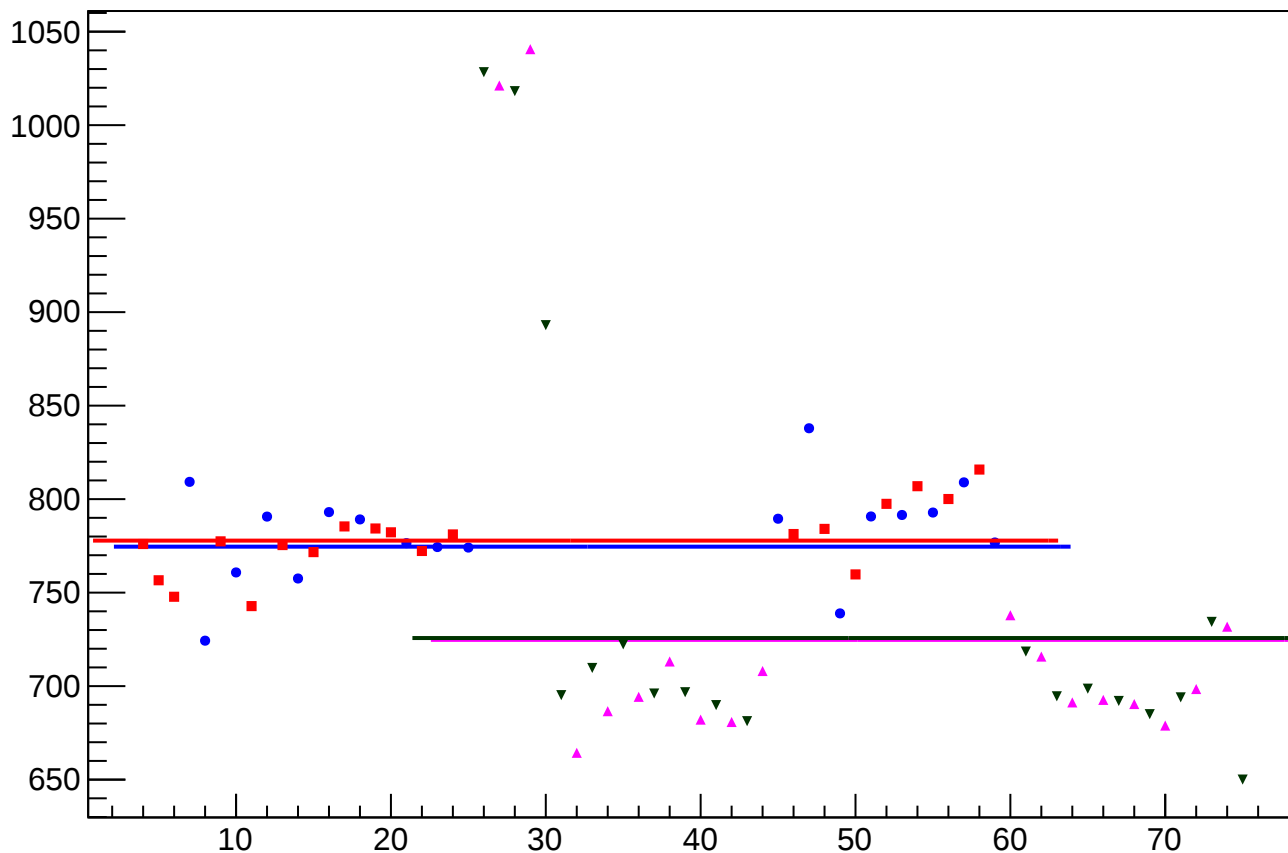
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 24.428+/-0.235 χ^2/NDF :5667.5/16

9.833+/-0.166 χ^2/NDF : 67310.4/35

10.770+/-0.170 χ^2/NDF : 16139.2/35

diff_bpm1i04X_rms vs slug



Right In: 774.583+/-0.163 χ^2/NDF : 26360.5/17

Left Out: 725.717+/-0.169 χ^2/NDF : 284659.0/17

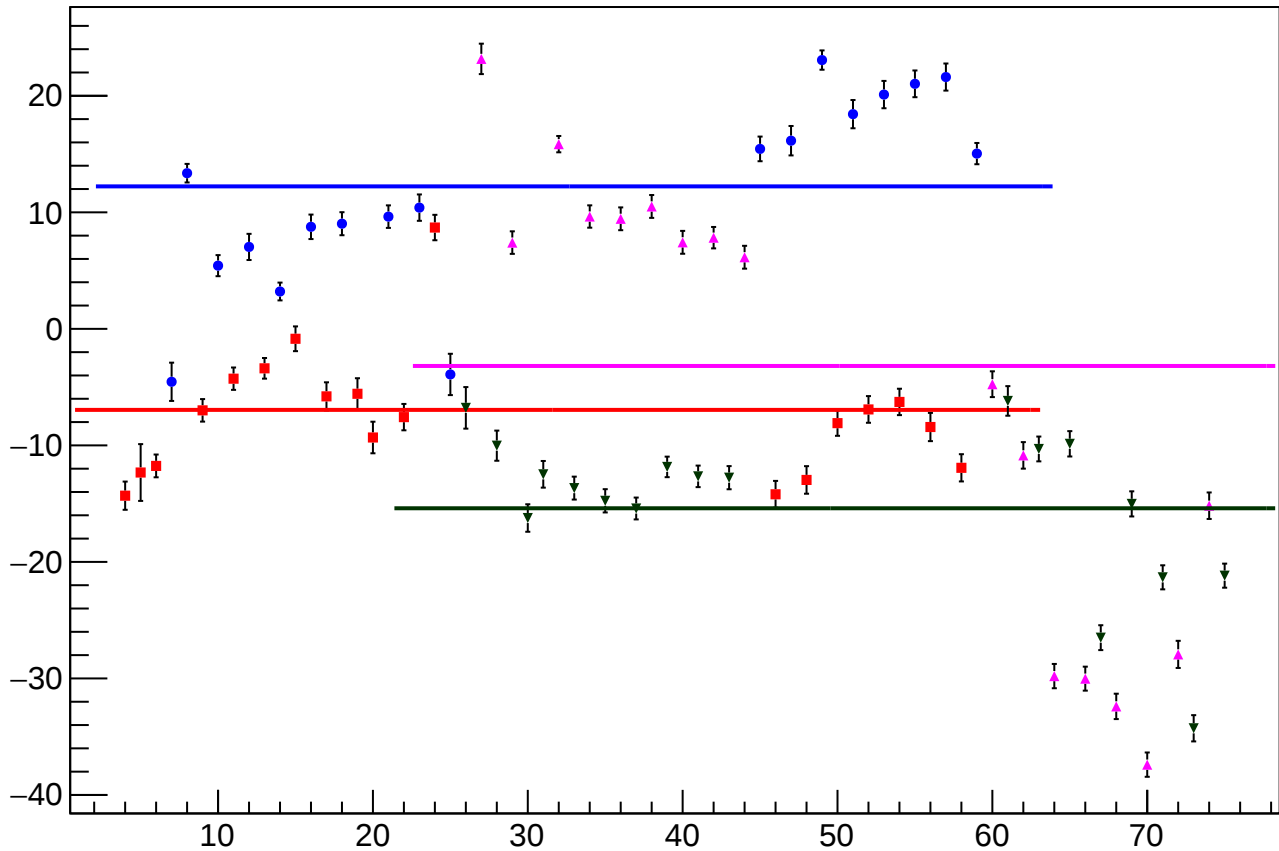
Right Out: 777.816+/-0.174 χ^2/NDF : 11180.5/18

Left In: 724.725+/-0.166 χ^2/NDF : 344038.3/16

750.951+/-0.117 χ^2/NDF : 354343.1/35

750.055+/-0.120 χ^2/NDF : 404019.2/35

diff_bpm1i04Y_mean vs slug



Right In: 12.227 $\pm$ 0.244 χ^2 /NDF: 832.9/17

Left Out: -15.397 $\pm$ 0.252 χ^2 /NDF: 637.9/17

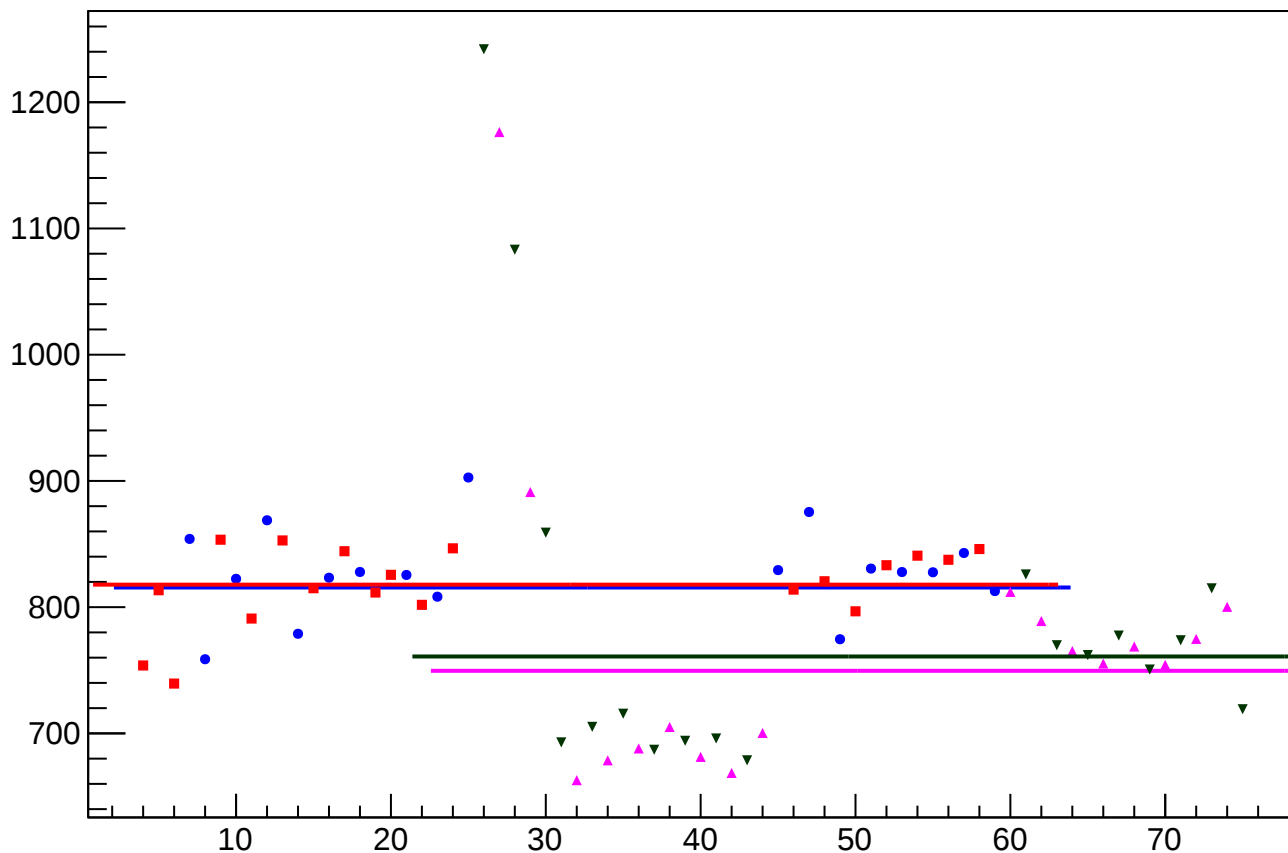
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

Left In: -3.184 $\pm$ 0.244 χ^2 /NDF: 5894.5/16

-1.130 $\pm$ 0.175 χ^2 /NDF: 7693.6/35

-4.953 $\pm$ 0.177 χ^2 /NDF: 6427.6/35

diff_bpm1i04Y_rms vs slug



Right In: 815.575 $\pm$ 0.172 χ^2 /NDF: 37644.6/17

Left Out: 760.926 $\pm$ 0.178 χ^2 /NDF:362776.9/17

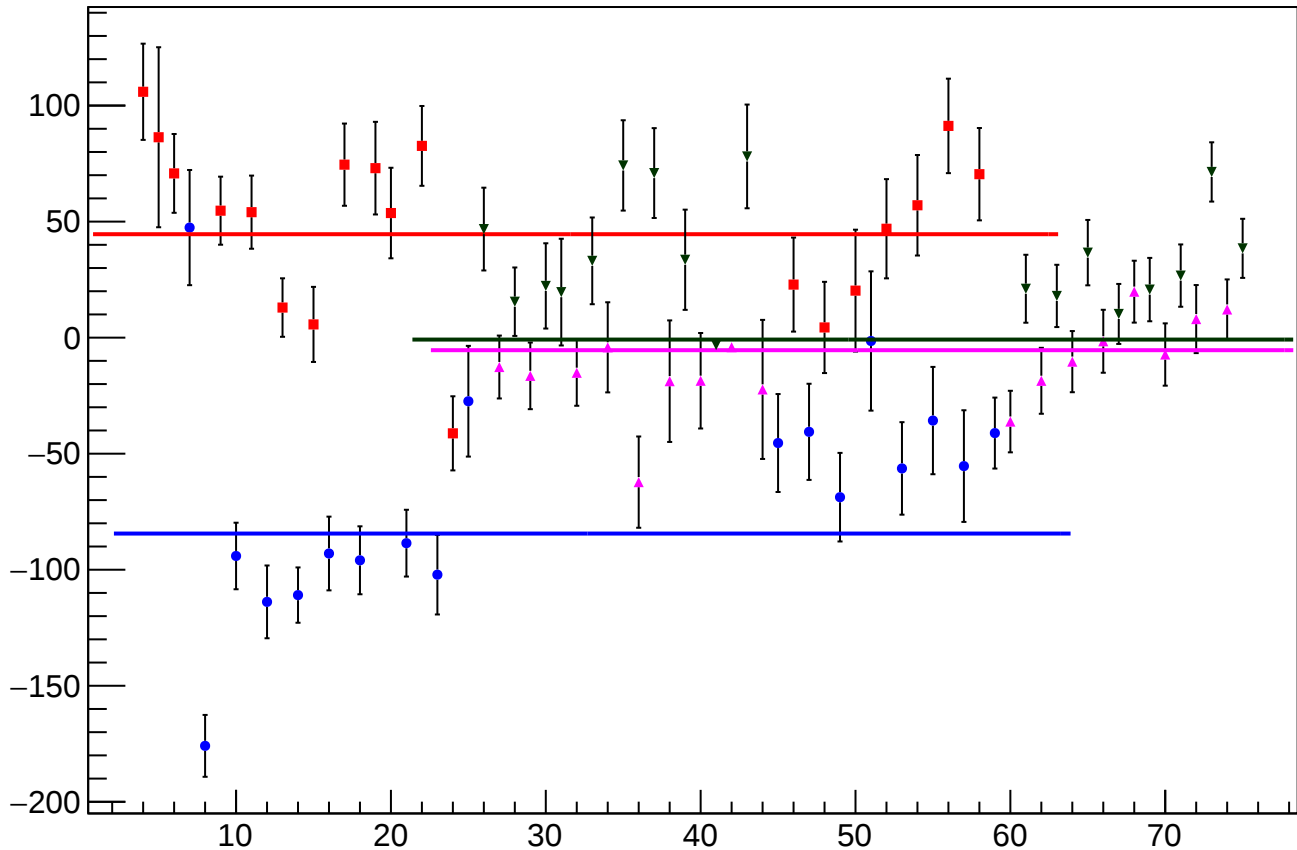
Right Out: 817.840 $\pm$ 0.183 χ^2 /NDF: 32410.2/18

Left In: 749.577 $\pm$ 0.172 χ^2 /NDF:355244.3/16

789.151 $\pm$ 0.124 χ^2 /NDF: 449127.9/35

781.611 $\pm$ 0.125 χ^2 /NDF: 461359.4/35

diff_bpm0l02X_mean vs slug



Right In: -84.415 ± 4.060 χ^2/NDF : 124.1/17

Left Out: -0.829 ± 0.952 χ^2/NDF : 123.7/17

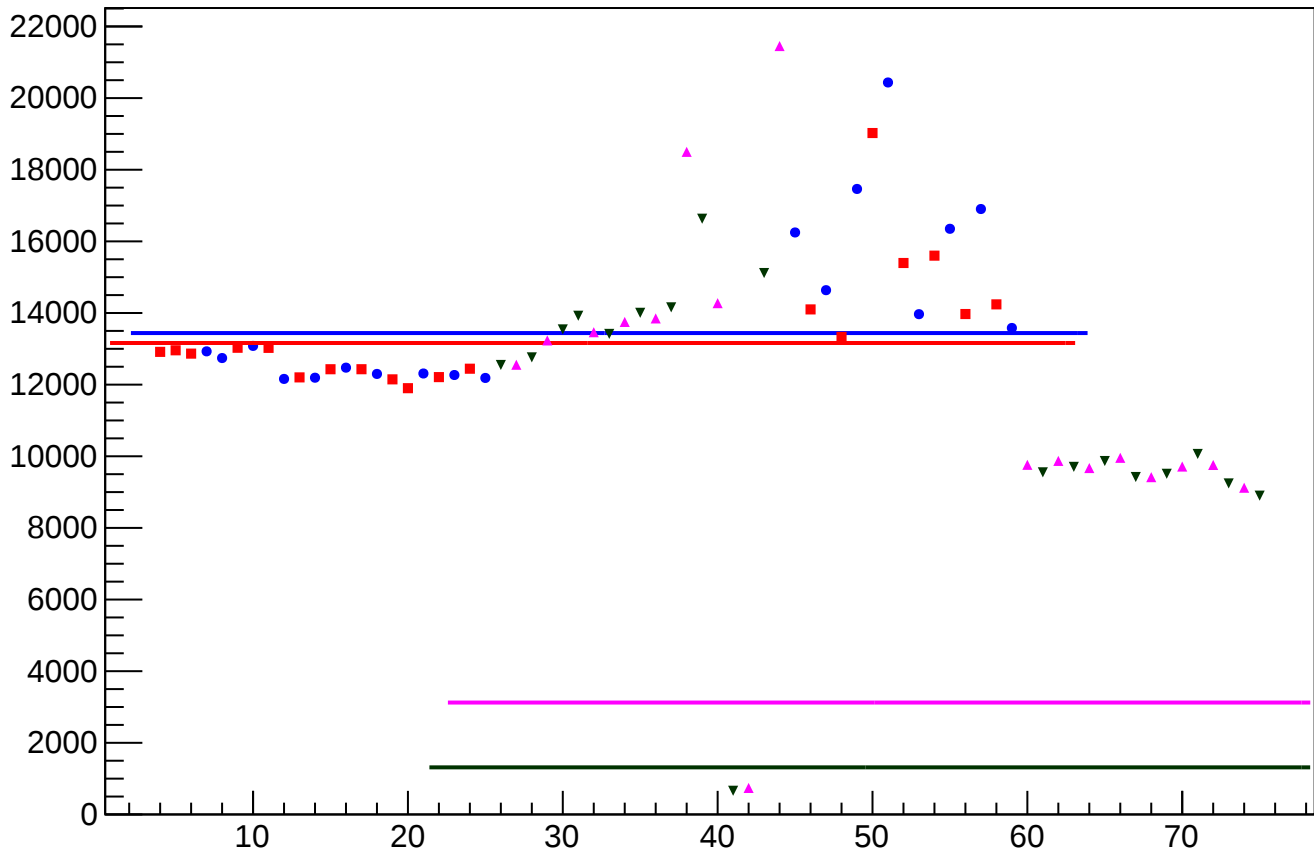
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -5.405 ± 1.812 χ^2/NDF : 23.8/16

-5.185 ± 0.927 χ^2/NDF : 649.7/35

2.433 ± 1.664 χ^2/NDF : 220.6/35

diff_bpm0l02X_rms vs slug



Right In: 13440.177+/-2.871 χ^2/NDF : 403912.7/17

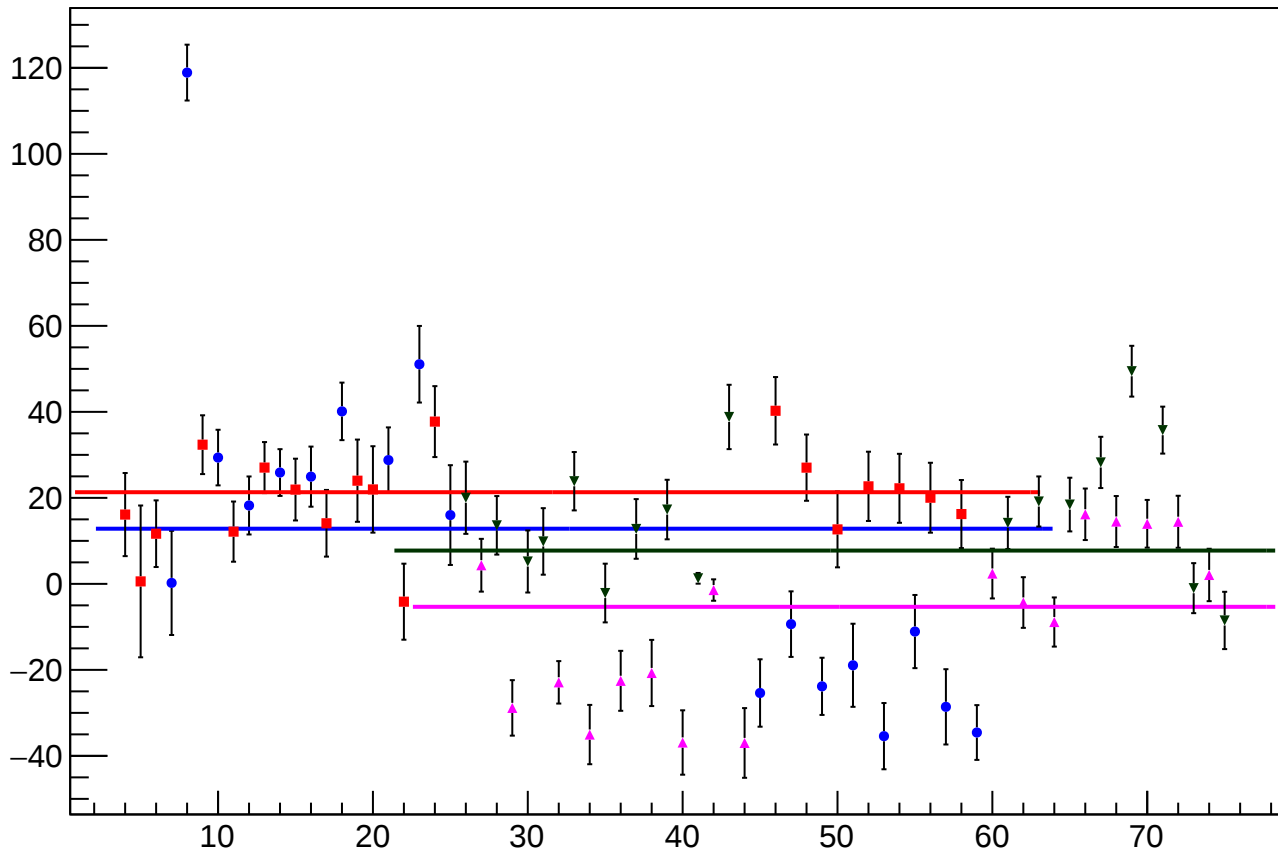
Left Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

1946.882+/-0.655 χ^2/NDF : 32011369.8/35

4698.477+/-1.177 χ^2/NDF : 22456346.6/35

Left In: 3124.309+/-1.282 χ^2/NDF : 12630252.1/16

diff_bpm0l02Y_mean vs slug



Right In: 12.827+/-1.752 χ^2/NDF : 521.8/17

Left Out: 7.745+/-0.979 χ^2/NDF : 161.4/17

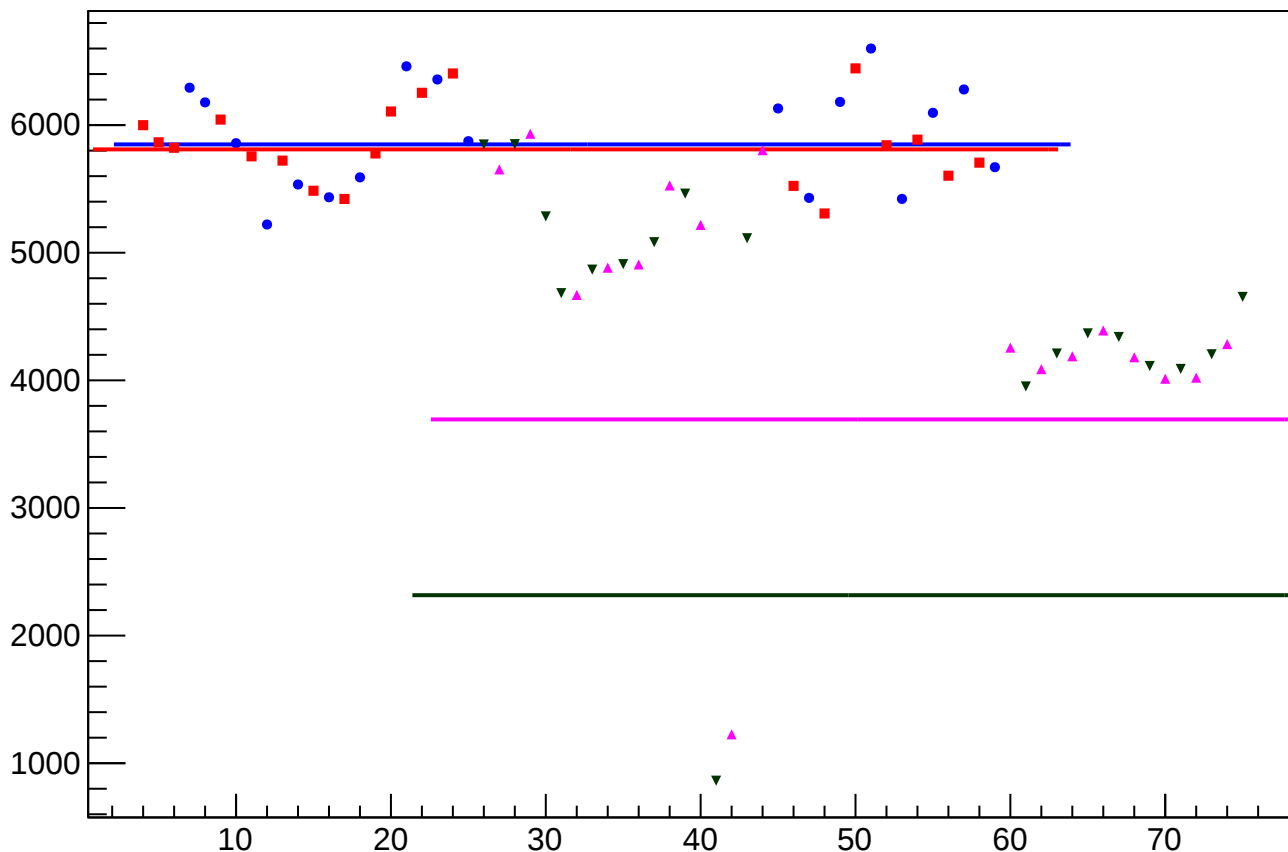
Right Out: 21.314+/-1.847 χ^2/NDF : 29.5/18

Left In: -5.336+/-1.317 χ^2/NDF : 143.1/16

8.953+/-0.855 χ^2/NDF : 689.6/35

3.644+/-1.072 χ^2/NDF : 310.7/35

diff_bpm0l02Y_rms vs slug



Right In: 5848.690+/-1.239 χ^2/NDF : 101335.3/17

Left Out: 2316.506+/-0.692 χ^2/NDF : 7377764.5/17

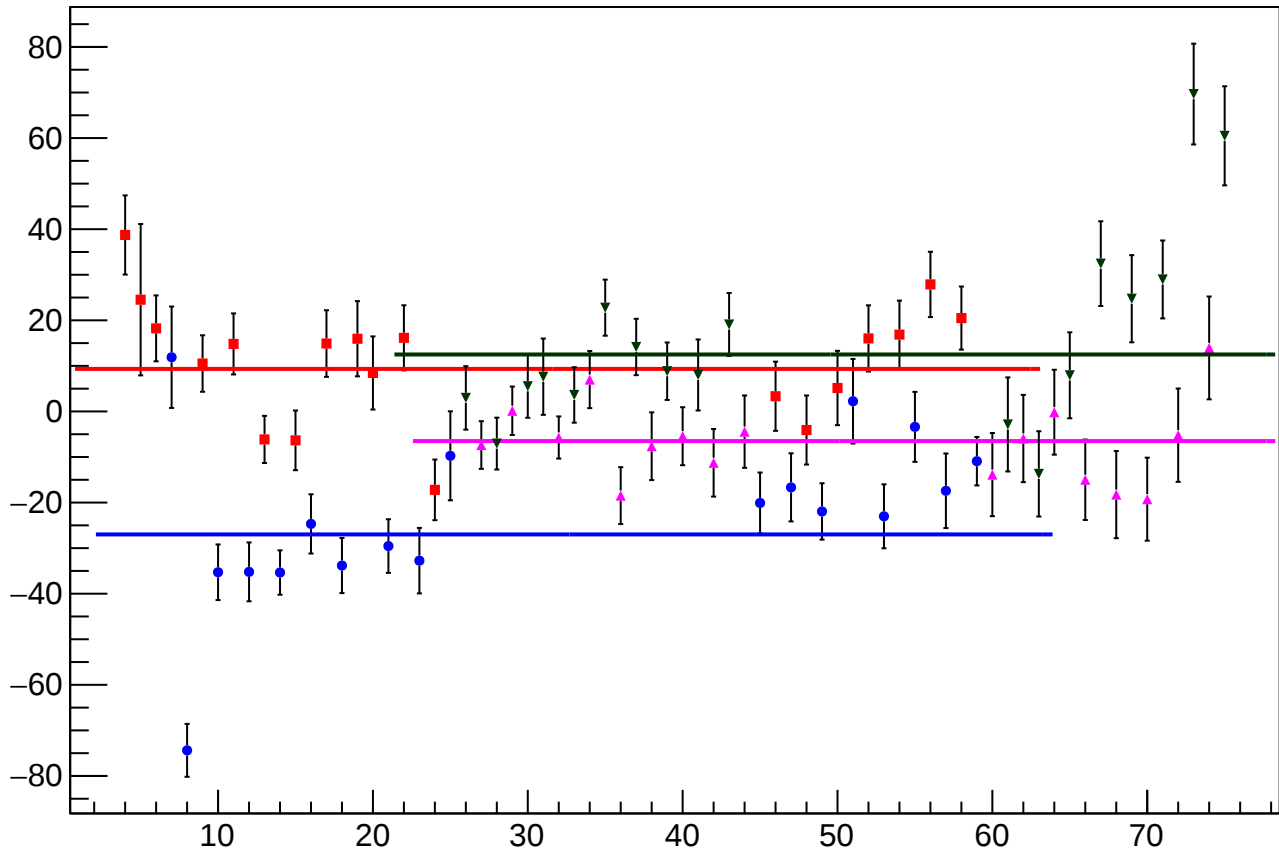
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3693.768+/-0.931 χ^2/NDF : 3053492.1/16

3156.727+/-0.604 χ^2/NDF : 13671699.1/35

4406.753+/-0.758 χ^2/NDF : 4847327.1/35

diff_bpm0l03X_mean vs slug



Right In: -26.989 $\pm$ 1.569 χ^2/NDF : 124.5/17

Left Out: 12.503 $\pm$ 1.786 χ^2/NDF : 88.0/17

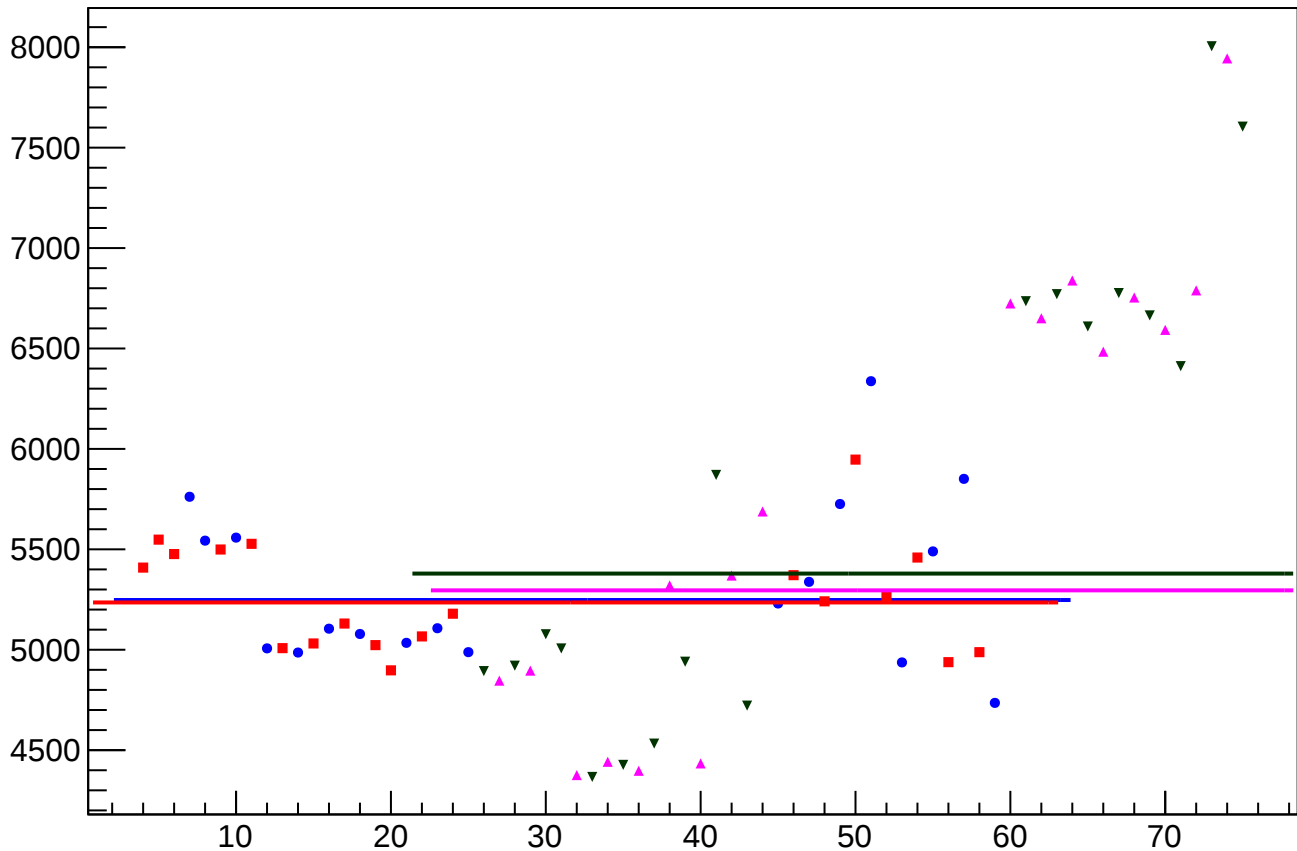
Right Out: 9.337 $\pm$ 1.659 χ^2/NDF : 62.4/18

Left In: -6.497 $\pm$ 1.730 χ^2/NDF : 19.3/16

-9.783 $\pm$ 1.179 χ^2/NDF : 488.4/35

1.748 $\pm$ 1.198 χ^2/NDF : 125.3/35

diff_bpm0l03X_rms vs slug



Right In: 5247.571+/-1.110 χ^2/NDF : 105629.3/17

Left Out: 5379.254+/-1.263 χ^2/NDF : 626403.5/17

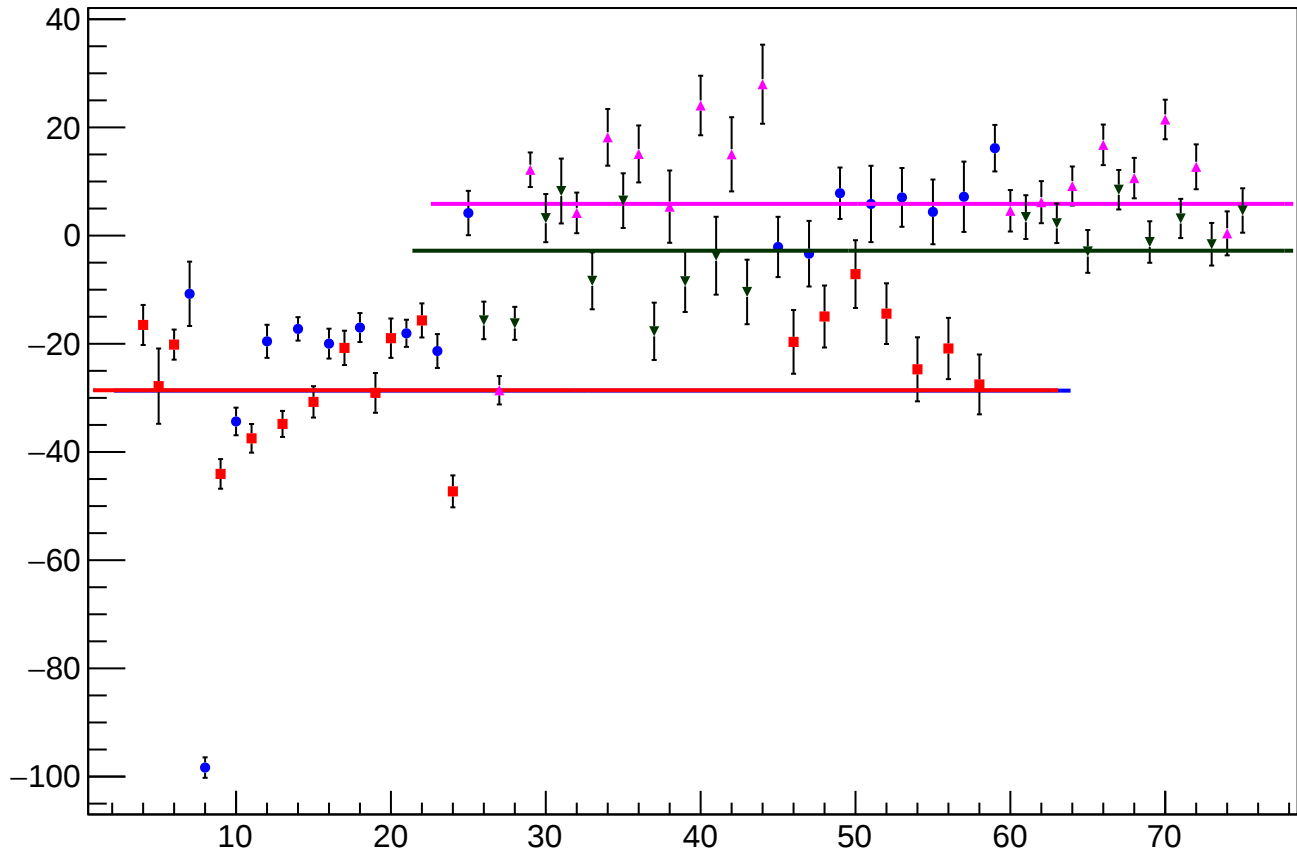
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 5295.702+/-1.223 χ^2/NDF : 645220.4/16

5304.943+/-0.834 χ^2/NDF : 738167.3/35

5264.336+/-0.847 χ^2/NDF : 693648.2/35

diff_bpm0l03Y_mean vs slug



Right In: -28.657 ± 0.782 χ^2/NDF : 1857.6/17

Left Out: -2.794 ± 0.999 χ^2/NDF : 73.5/17

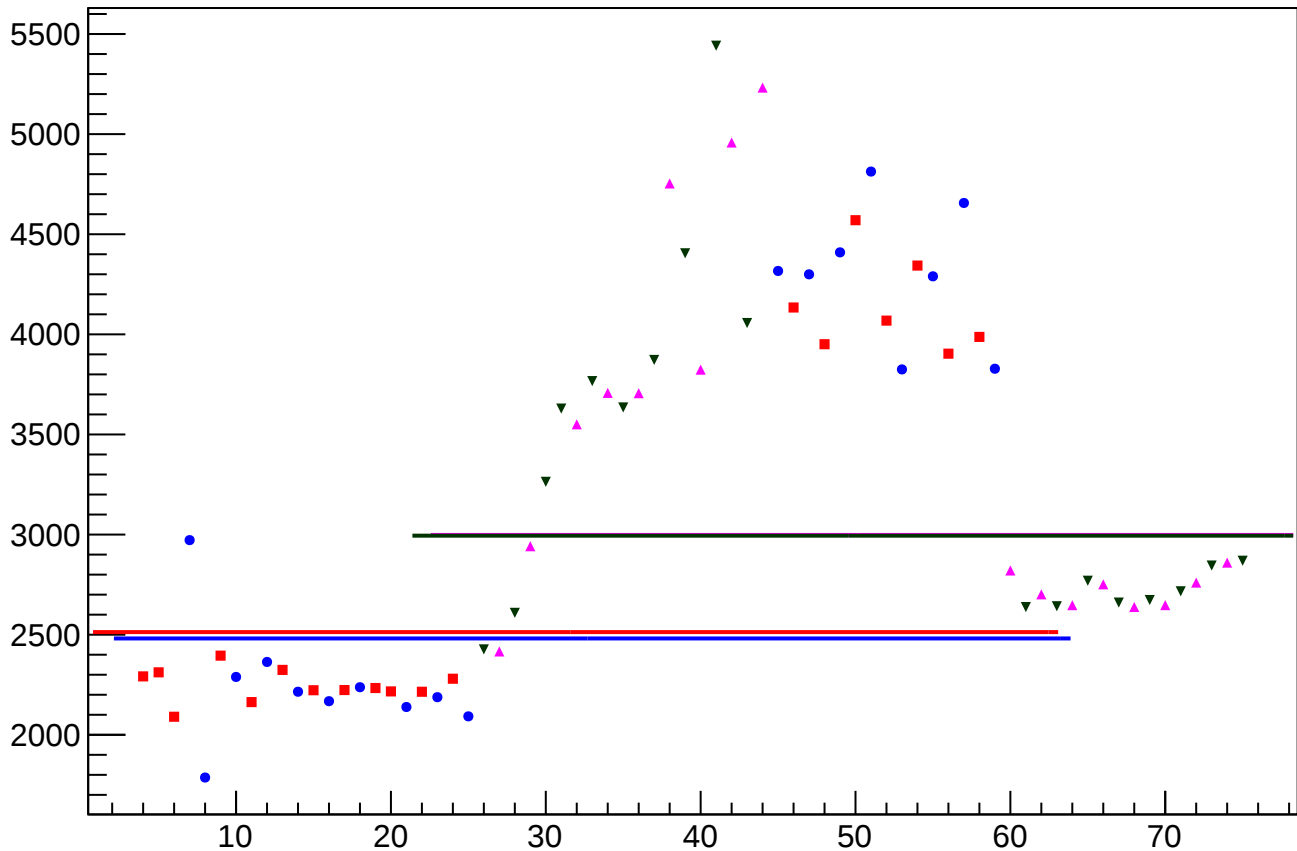
Right Out: -28.584 ± 0.826 χ^2/NDF : 168.7/18

Left In: 5.865 ± 0.985 χ^2/NDF : 241.2/16

-18.835 ± 0.616 χ^2/NDF : 2346.4/35

-14.361 ± 0.633 χ^2/NDF : 1127.3/35

diff_bpm0l03Y_rms vs slug



Right In: 2481.193+/-0.553 χ^2/NDF : 2112375.4/17

Left Out: 2994.561+/-0.707 χ^2/NDF : 751236.0/17

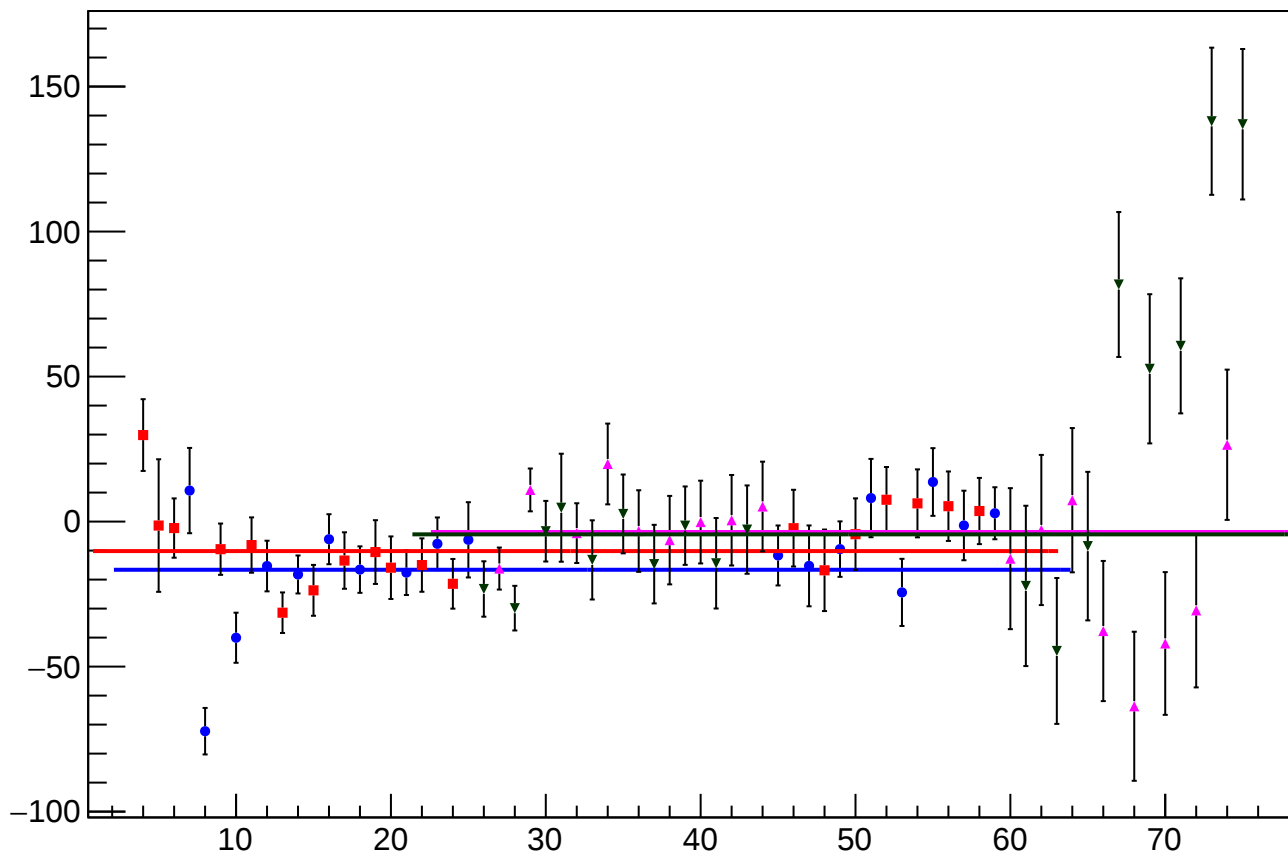
2676.164+/-0.436 χ^2/NDF : 3190916.7/35

Right Out: 2512.934+/-0.584 χ^2/NDF : 1298593.5/18

2713.302+/-0.448 χ^2/NDF : 2421504.0/35

Left In: 2998.231+/-0.697 χ^2/NDF : 838159.7/16

diff_bpm0l04X_mean vs slug



Right In: -16.612 ± 2.242 $\chi^2/\text{NDF}: 79.9/17$

Left Out: -4.403 ± 3.483 $\chi^2/\text{NDF}: 105.6/17$

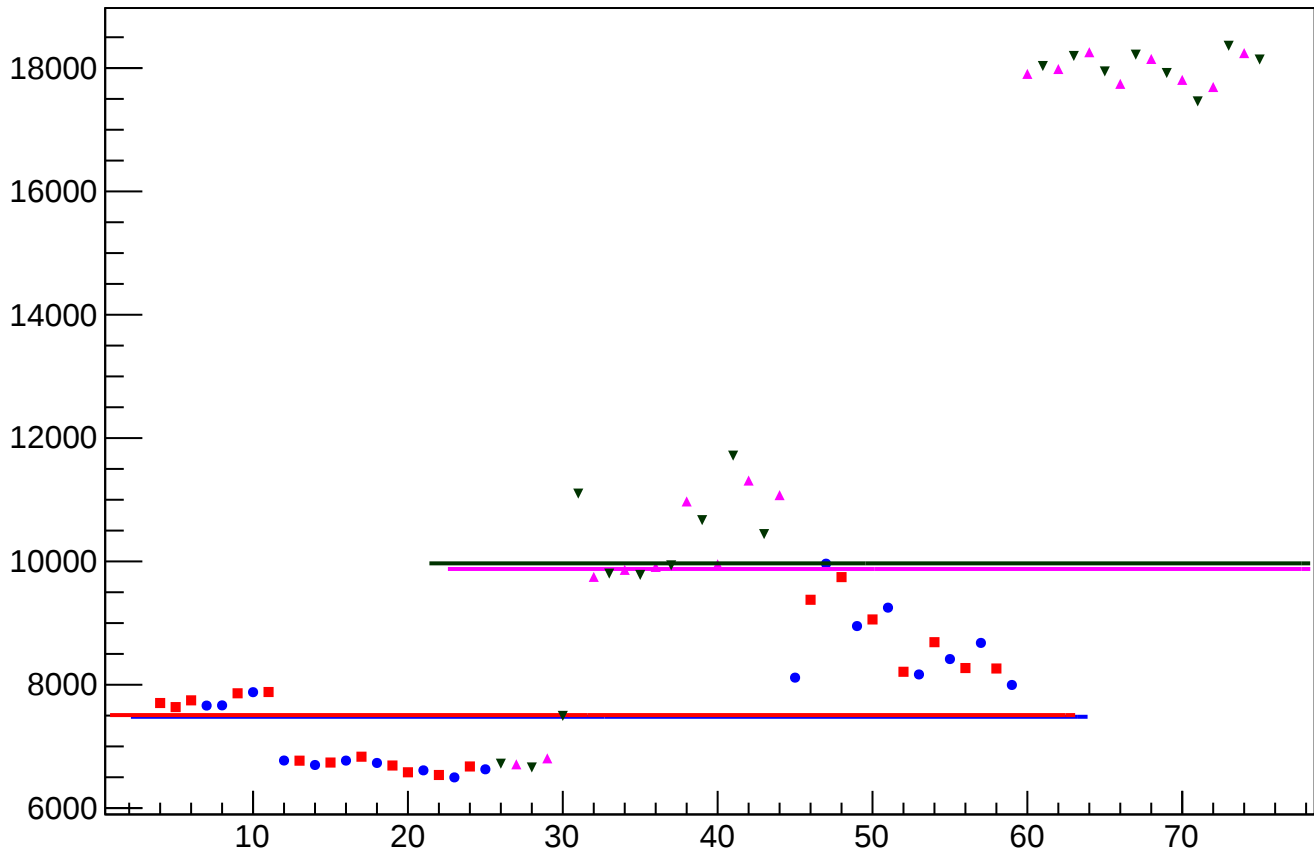
Right Out: -10.172 ± 2.389 $\chi^2/\text{NDF}: 33.7/18$

Left In: -3.595 ± 3.388 $\chi^2/\text{NDF}: 22.8/16$

-13.035 ± 1.885 $\chi^2/\text{NDF}: 194.2/35$

-7.987 ± 1.952 $\chi^2/\text{NDF}: 59.0/35$

diff_bpm0l04X_rms vs slug



Right In: 7480.718+/-1.585 χ^2/NDF : 334863.0/17

Left Out: 9968.481+/-2.463 χ^2/NDF : 2365652.5/17

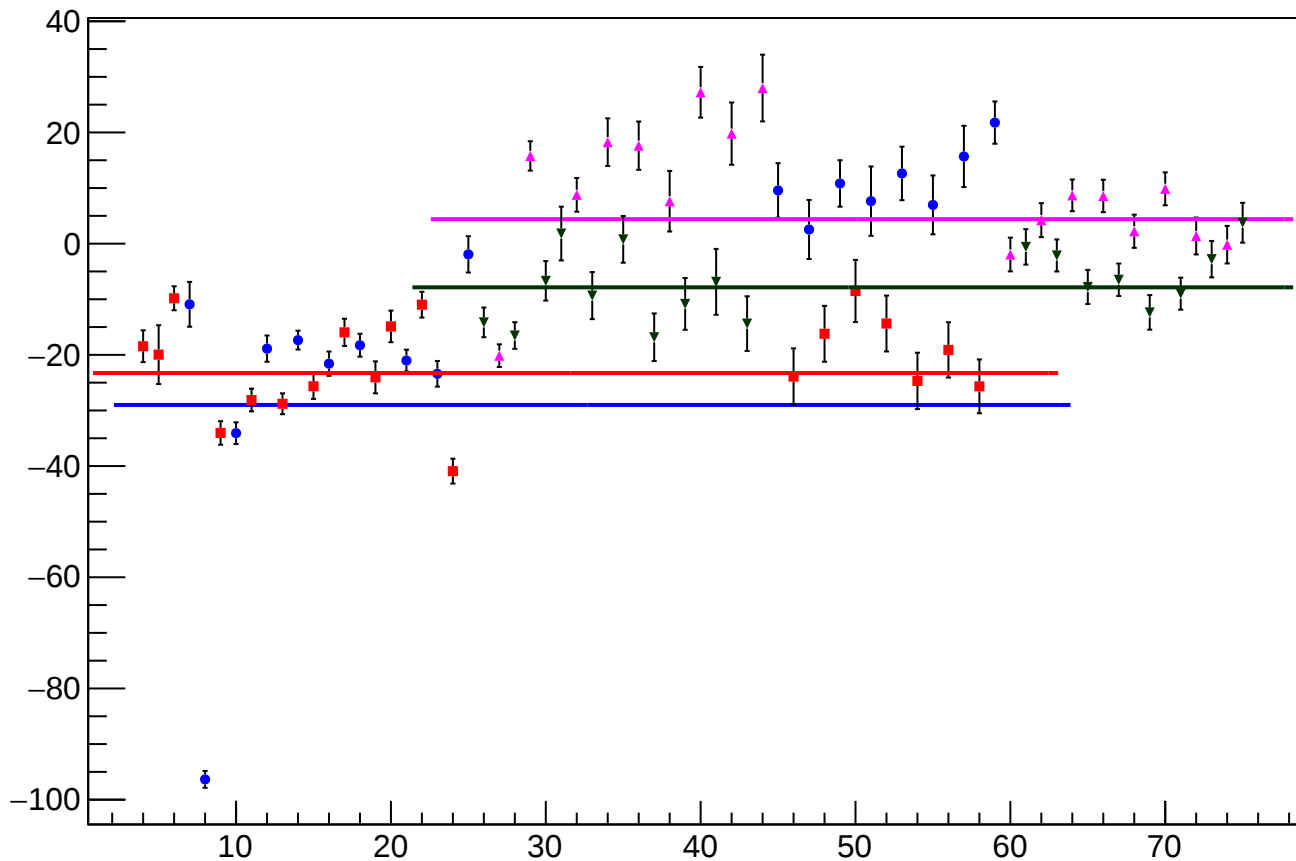
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 9877.300+/-2.395 χ^2/NDF : 2418191.8/16

8209.403+/-1.333 χ^2/NDF : 3421969.9/35

8295.153+/-1.381 χ^2/NDF : 3360909.8/35

diff_bpm0l04Y_mean vs slug



Right In: -29.007 $\pm$ 0.618 χ^2 /NDF: 2792.0/17

Left Out: -7.854 $\pm$ 0.802 χ^2 /NDF: 58.2/17

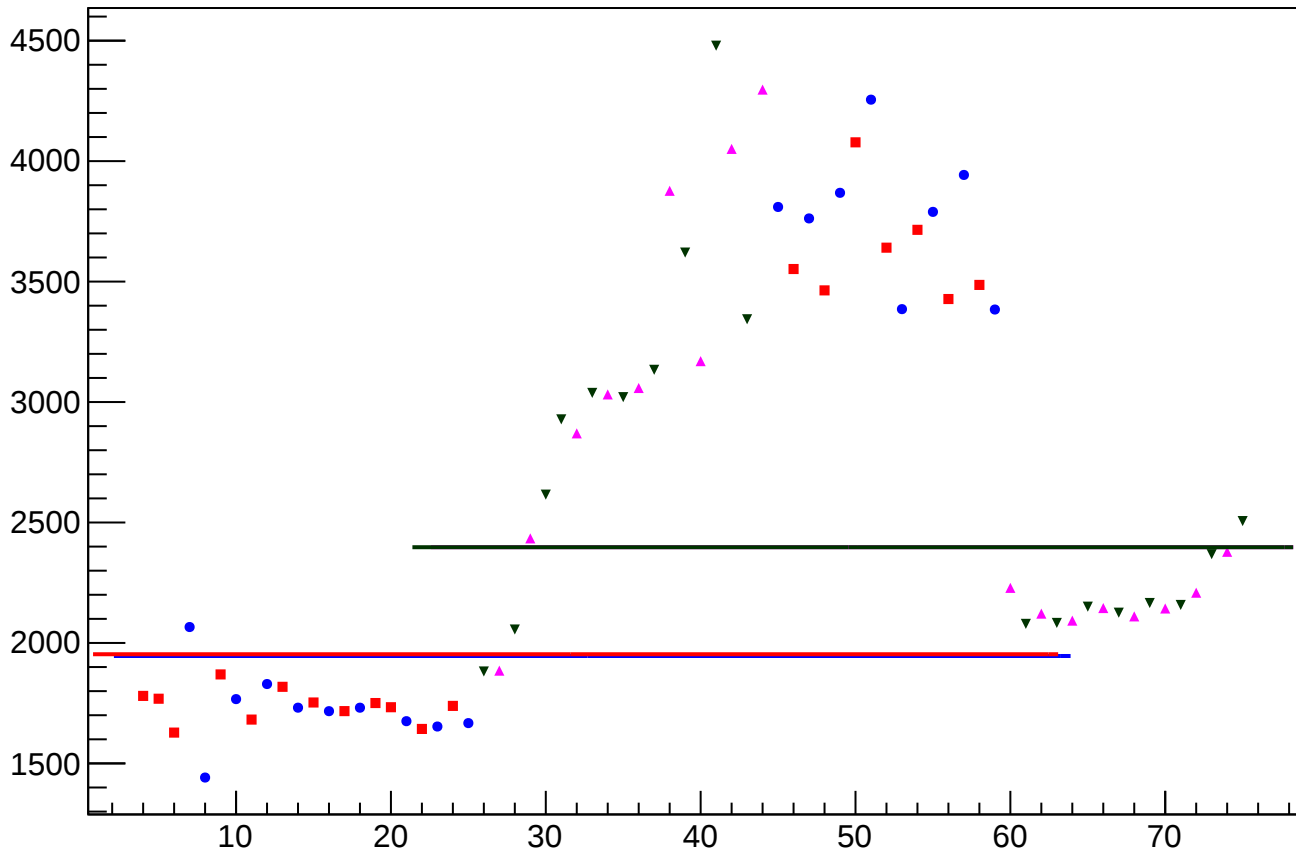
Right Out: -23.263 $\pm$ 0.648 χ^2 /NDF: 204.8/18

Left In: 4.405 $\pm$ 0.790 χ^2 /NDF: 249.1/16

-21.117 $\pm$ 0.490 χ^2 /NDF: 3286.7/35

-12.136 $\pm$ 0.501 χ^2 /NDF: 1187.1/35

diff_bpm0l04Y_rms vs slug



Right In: 1945.876+/-0.437 χ^2/NDF : 2599522.0/17

Left Out: 2397.374+/-0.567 χ^2/NDF : 855128.2/17

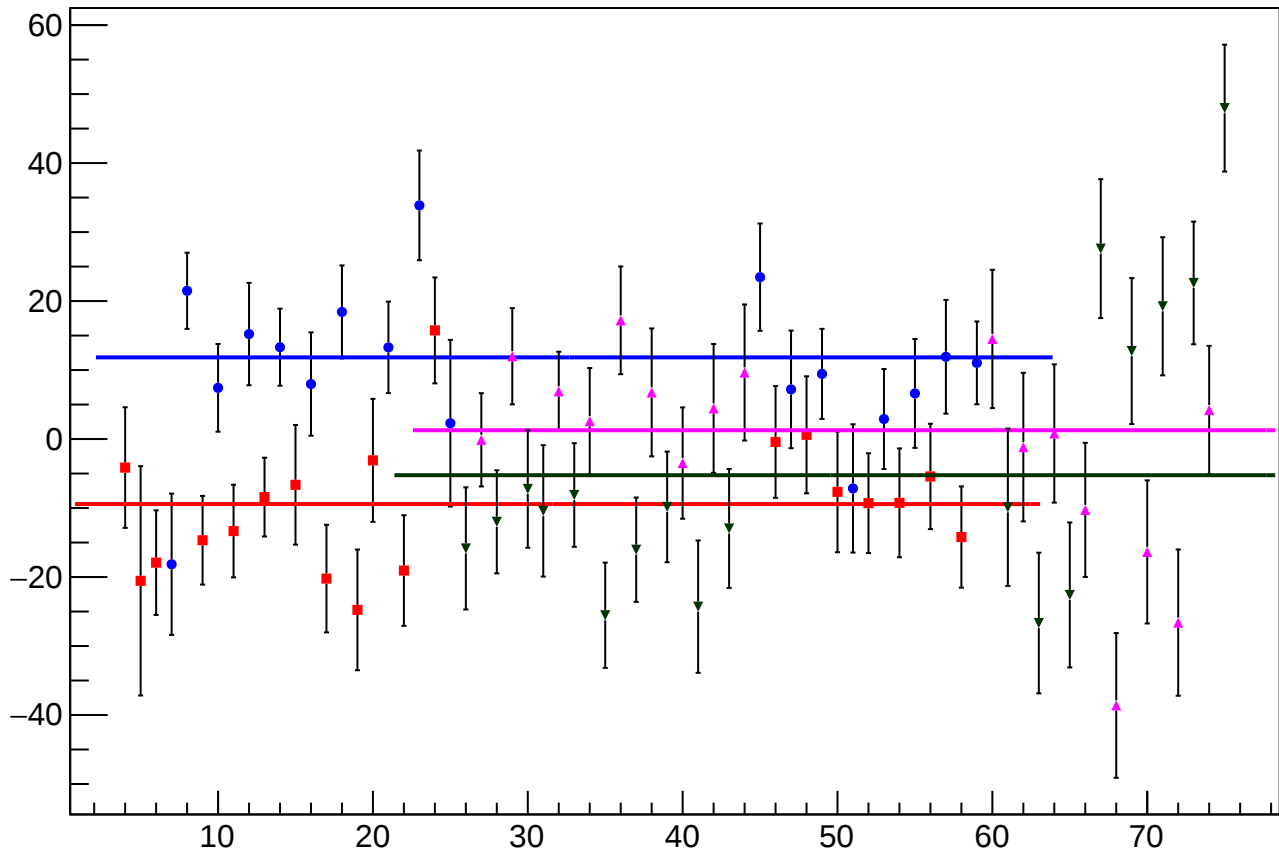
Right Out: 1953.157+/-0.458 χ^2/NDF : 1725858.1/18

Left In: 2397.545+/-0.559 χ^2/NDF : 944844.4/16

2114.284+/-0.346 χ^2/NDF : 3852415.4/35

2131.863+/-0.354 χ^2/NDF : 3049012.0/35

diff_bpm0l05X_mean vs slug



Right In: 11.837 $\pm$ 1.701 χ^2 /NDF: 30.8/17

Left Out: -5.241 $\pm$ 2.097 χ^2 /NDF: 87.1/17

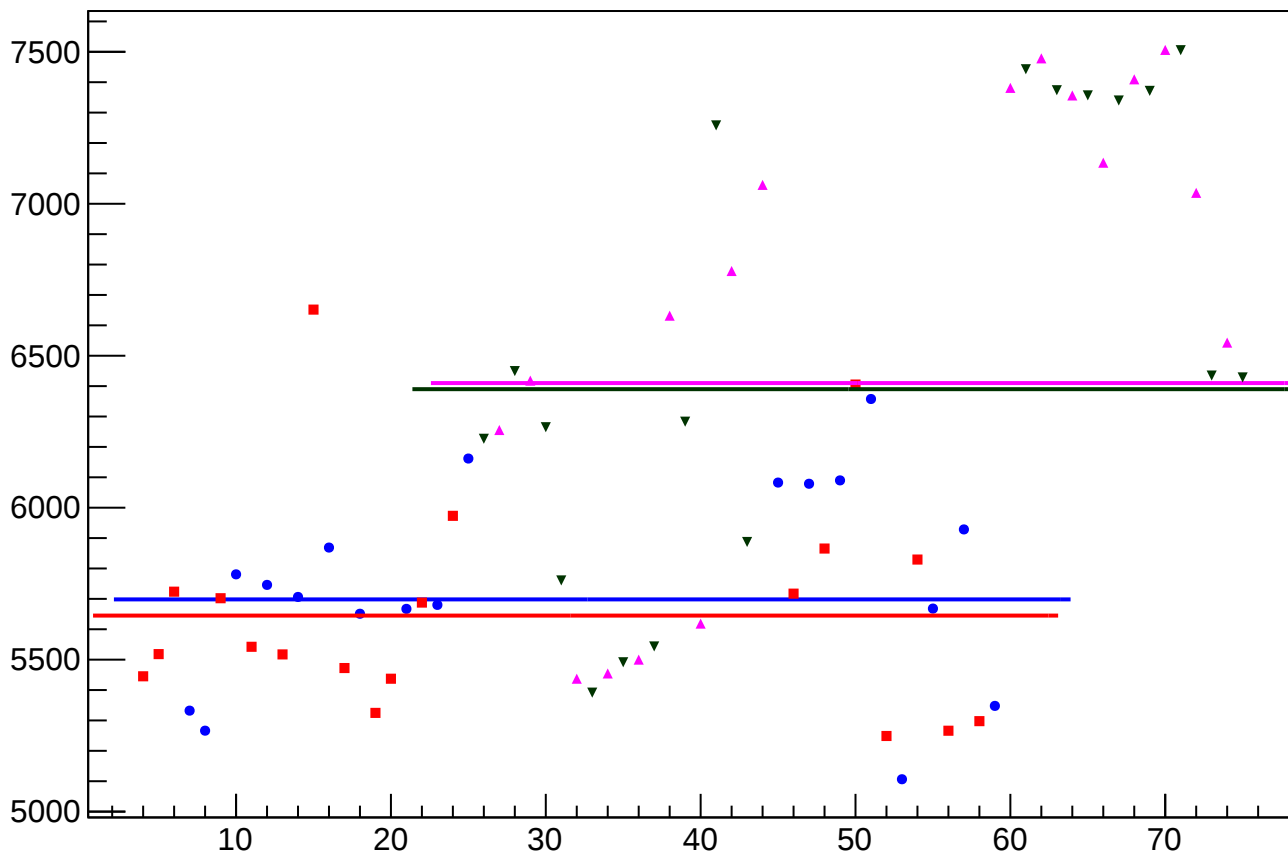
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: 1.277 $\pm$ 2.073 χ^2 /NDF: 36.7/16

5.061 $\pm$ 1.321 χ^2 /NDF: 157.8/35

-4.854 $\pm$ 1.355 χ^2 /NDF: 76.2/35

diff_bpm0l05X_rms vs slug



Right In: 5698.250+/-1.203 χ^2/NDF : 67217.8/17

Left Out: 6389.982+/-1.483 χ^2/NDF : 234135.4/17

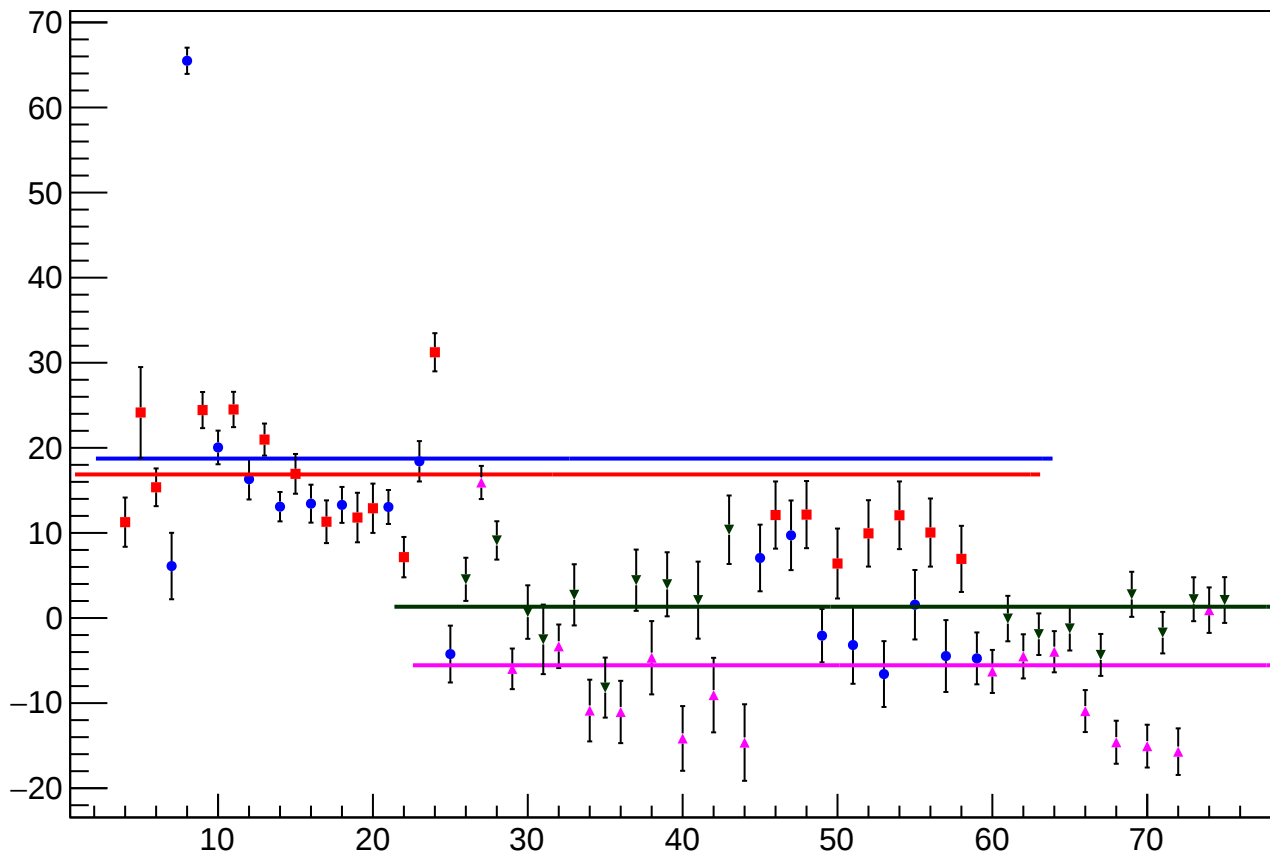
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6410.050+/-1.466 χ^2/NDF : 263903.4/16

5972.723+/-0.934 χ^2/NDF : 432569.2/35

5971.778+/-0.958 χ^2/NDF : 491435.5/35

diff_bpm0l05Y_mean vs slug



Right In: 18.738+/-0.602 χ^2/NDF : 1241.3/17

Left Out: 1.327+/-0.682 χ^2/NDF : 38.5/17

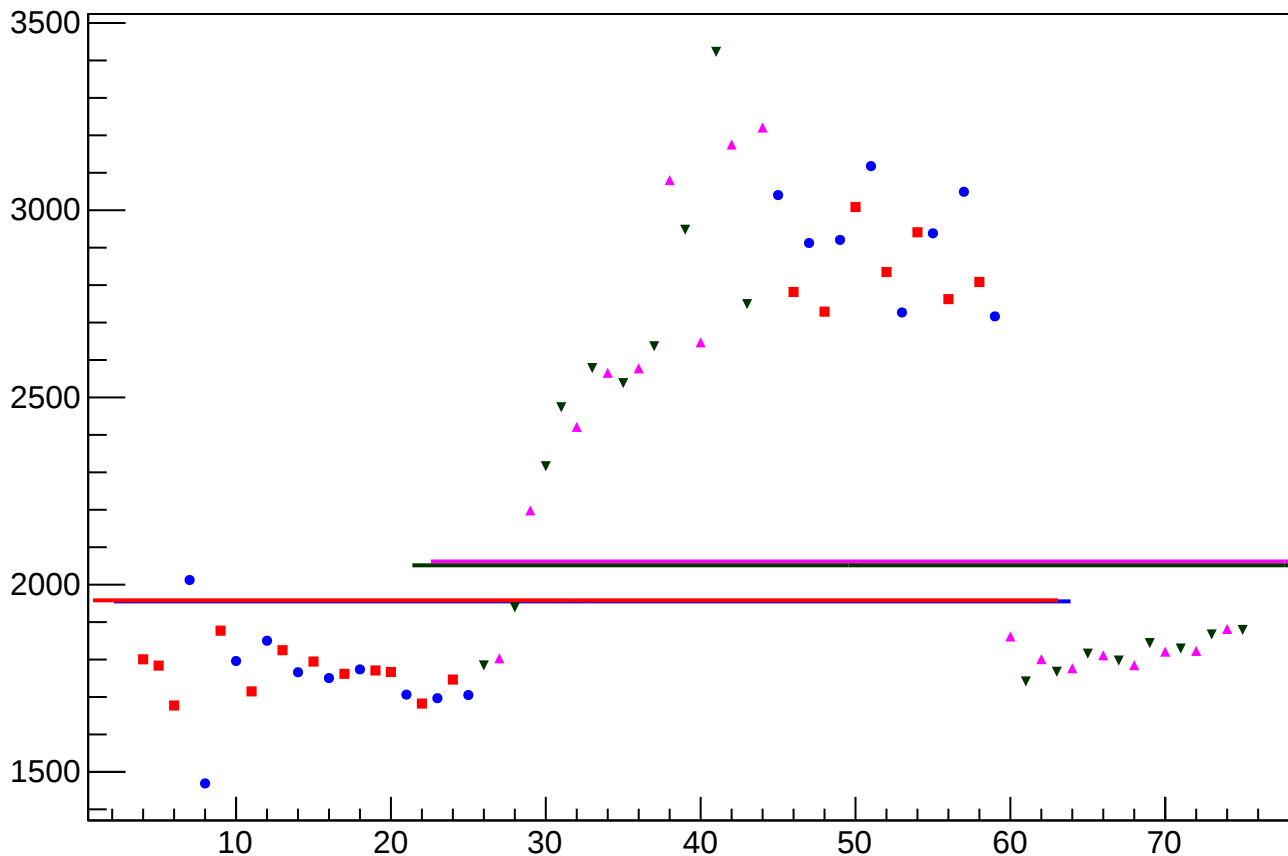
Right Out: 16.874+/-0.633 χ^2/NDF : 128.0/18

Left In: -5.553+/-0.675 χ^2/NDF : 188.8/16

11.119+/-0.451 χ^2/NDF : 1646.3/35

6.376+/-0.462 χ^2/NDF : 904.0/35

diff_bpm0l05Y_rms vs slug



Right In: 1955.370 $\pm$ 0.425 χ^2 /NDF: 1375682.1/17

Left Out: 2051.683 $\pm$ 0.482 χ^2 /NDF:692567.2/17

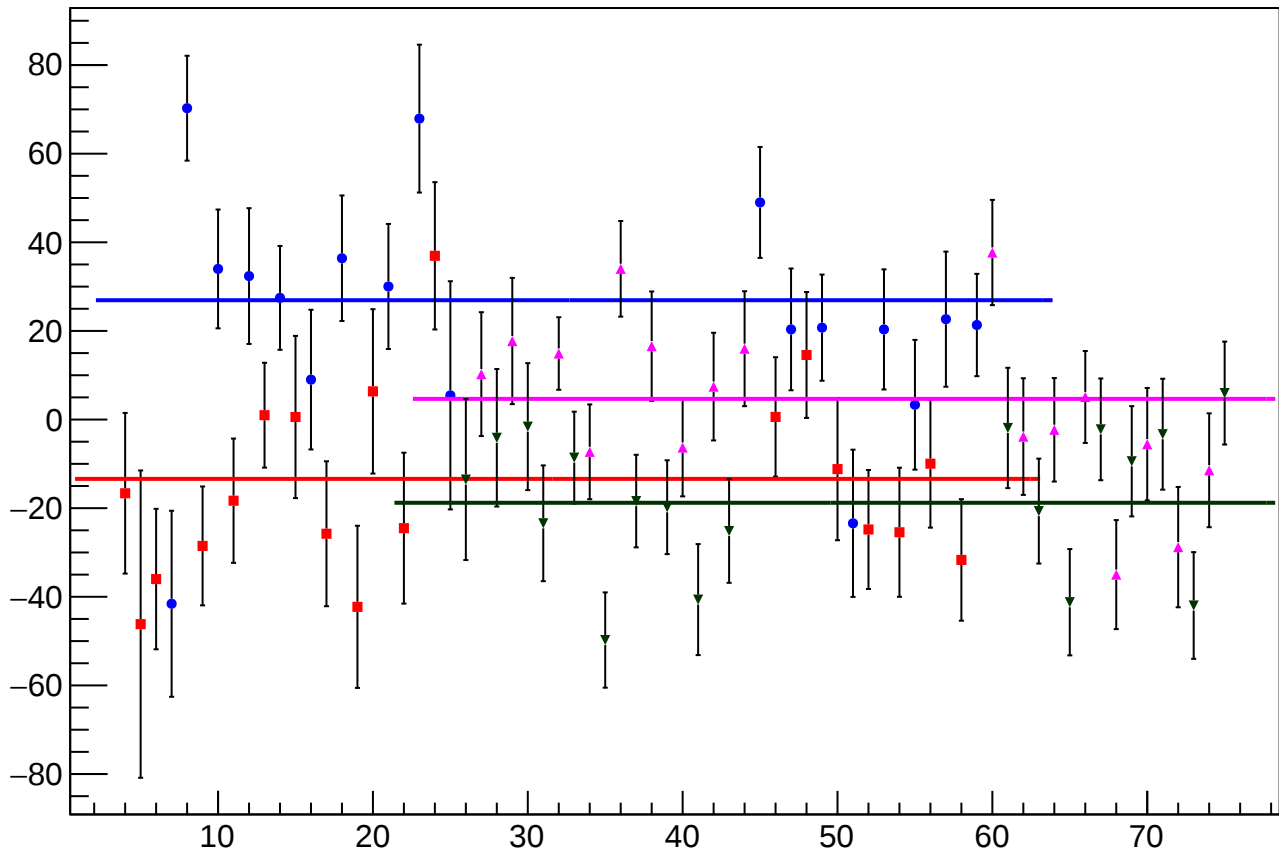
Right Out: 1958.115 $\pm$ 0.448 χ^2 /NDF: 858074.3/18

Left In: 2061.909 $\pm$ 0.477 χ^2 /NDF:728599.4/16

1997.515 $\pm$ 0.319 χ^2 /NDF: 2090675.7/35

2006.702 $\pm$ 0.327 χ^2 /NDF: 1611828.1/35

diff_bpm0l06X_mean vs slug



Right In: 26.931 ± 3.337 χ^2/NDF : 48.9/17

Left Out: -18.784 ± 2.865 χ^2/NDF : 32.7/17

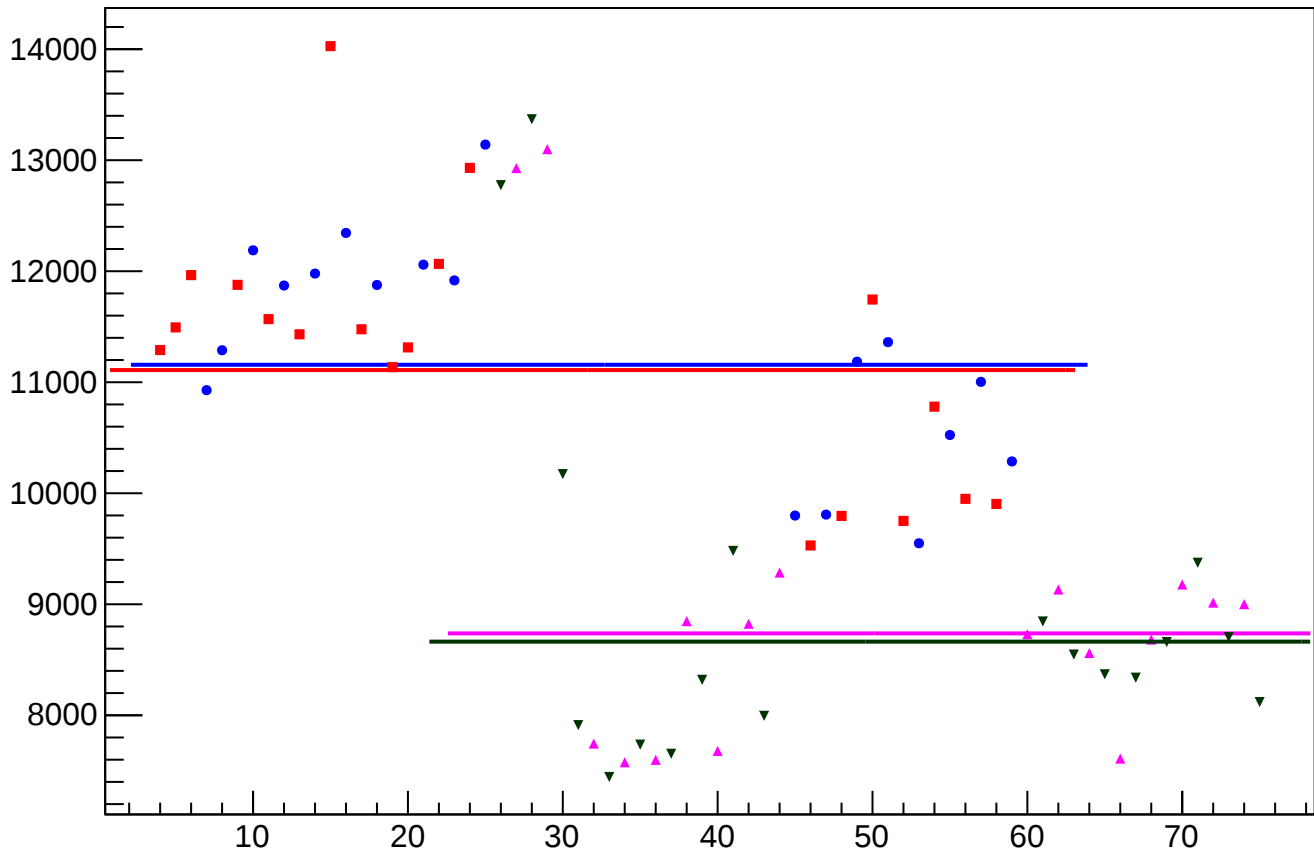
Right Out: -13.392 ± 3.535 χ^2/NDF : 28.4/18

Left In: 4.668 ± 2.845 χ^2/NDF : 41.1/16

0.612 ± 2.174 χ^2/NDF : 189.6/35

-2.430 ± 2.216 χ^2/NDF : 85.4/35

diff_bpm0l06X_rms vs slug



Right In: 11157.335+/-2.359 χ^2/NDF : 153724.7/17

Left Out: 8663.379+/-2.026 χ^2/NDF : 407716.8/17

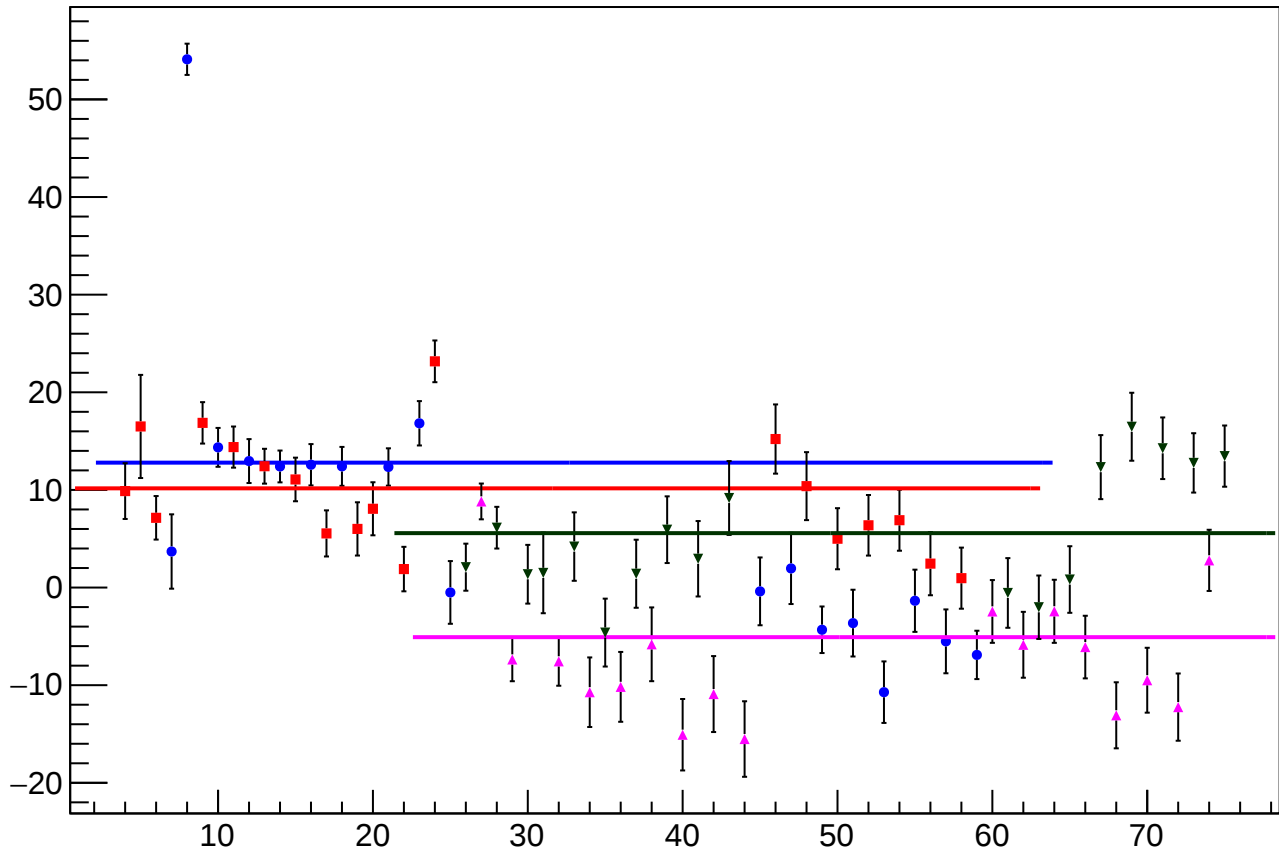
9721.549+/-1.537 χ^2/NDF : 1204650.4/35

Right Out: 11109.639+/-2.499 χ^2/NDF : 196396.7/18

9670.039+/-1.567 χ^2/NDF : 1237844.2/35

Left In: 8737.712+/-2.011 χ^2/NDF : 494827.2/16

diff_bpm0l06Y_mean vs slug



Right In: 12.794 ± 0.559 χ^2/NDF : 961.0/17

Left Out: 5.574 ± 0.751 χ^2/NDF : 60.6/17

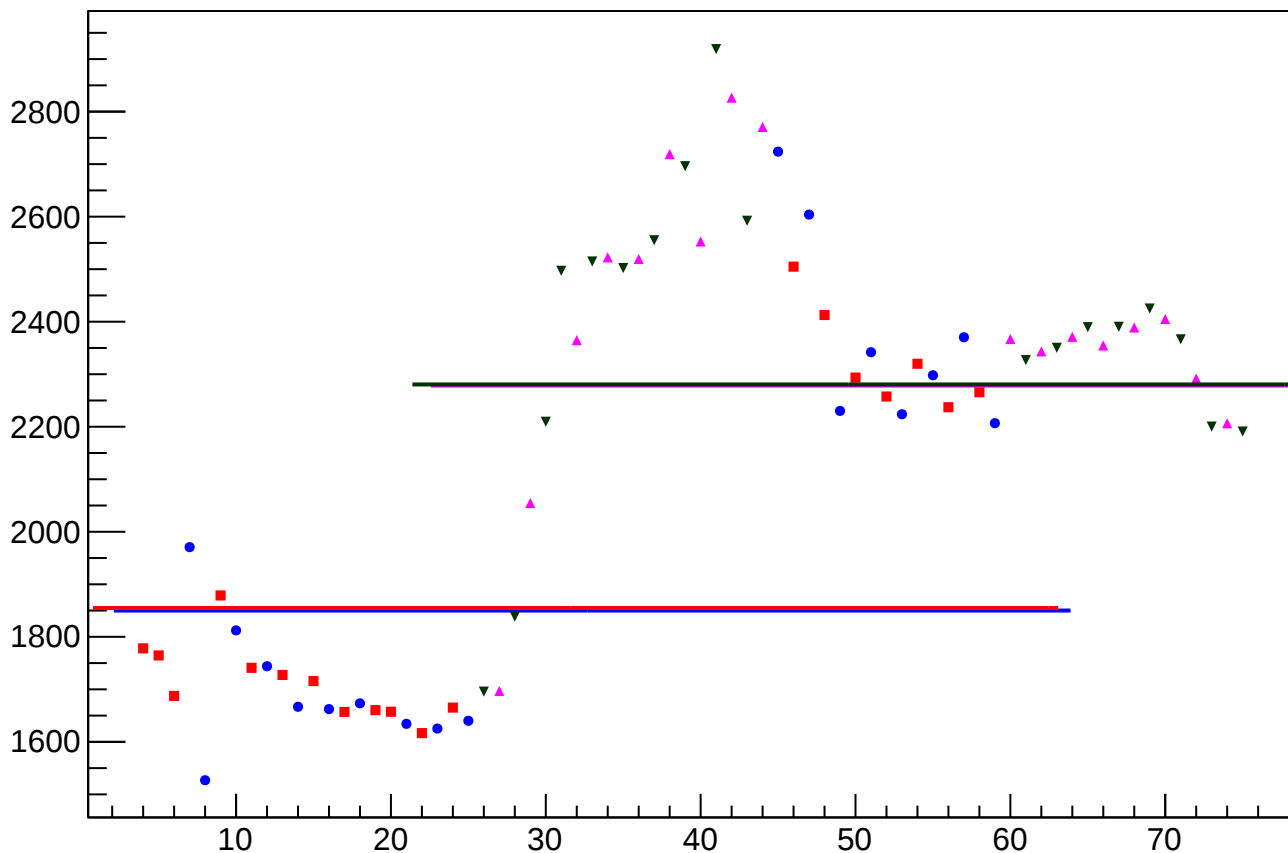
Right Out: 10.162 ± 0.592 χ^2/NDF : 97.7/18

Left In: -5.081 ± 0.738 χ^2/NDF : 100.6/16

10.219 ± 0.448 χ^2/NDF : 1081.1/35

4.191 ± 0.462 χ^2/NDF : 457.6/35

diff_bpm0l06Y_rms vs slug



Right In: 1850.054+/-0.395 χ^2/NDF : 663006.9/17

Left Out: 2280.518+/-0.531 χ^2/NDF : 350835.4/17

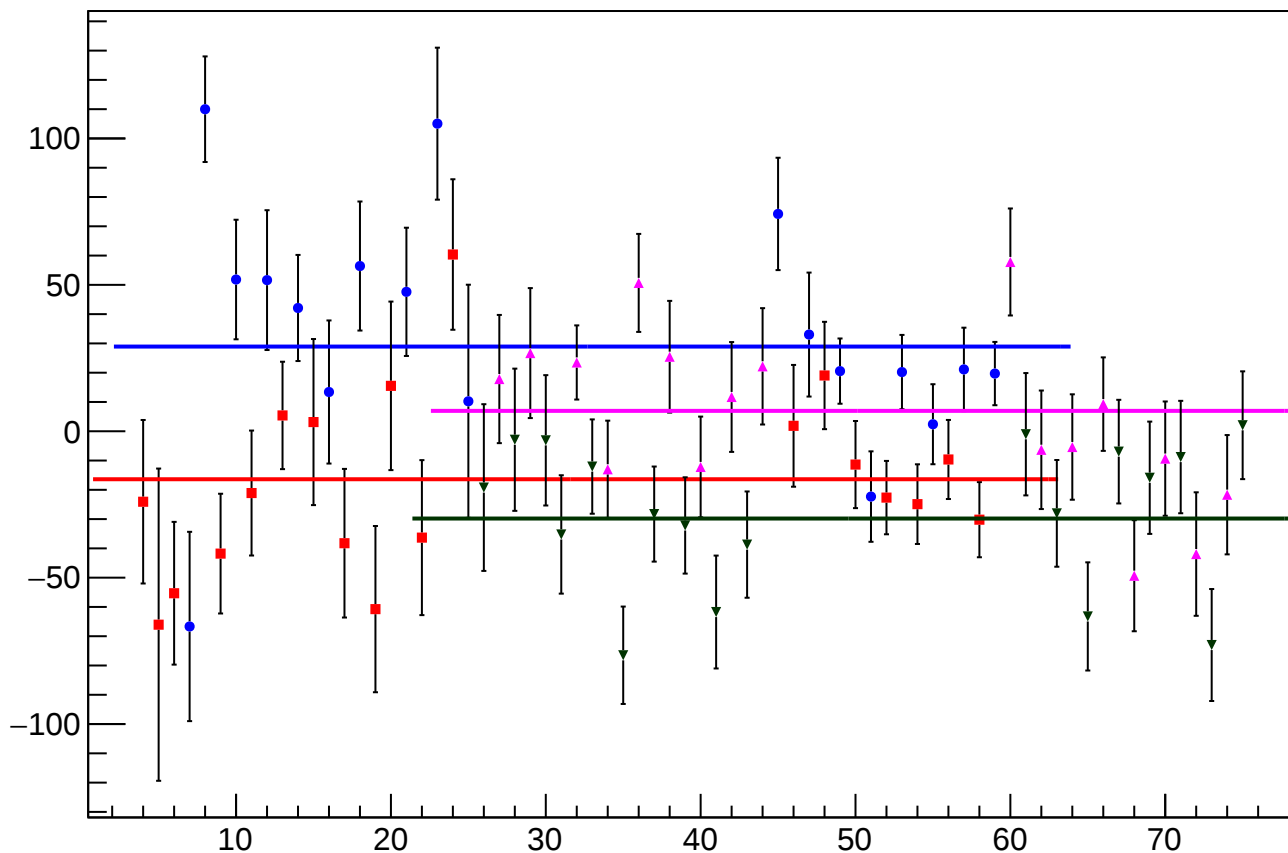
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2278.379+/-0.522 χ^2/NDF : 364010.1/16

2003.606+/-0.317 χ^2/NDF : 1436935.9/35

2020.736+/-0.327 χ^2/NDF : 1172432.5/35

diff_bpm0l07X_mean vs slug



Right In: 28.924 ± 4.035 χ^2/NDF : 65.6/17

Left Out: -29.806 ± 4.444 χ^2/NDF : 31.7/17

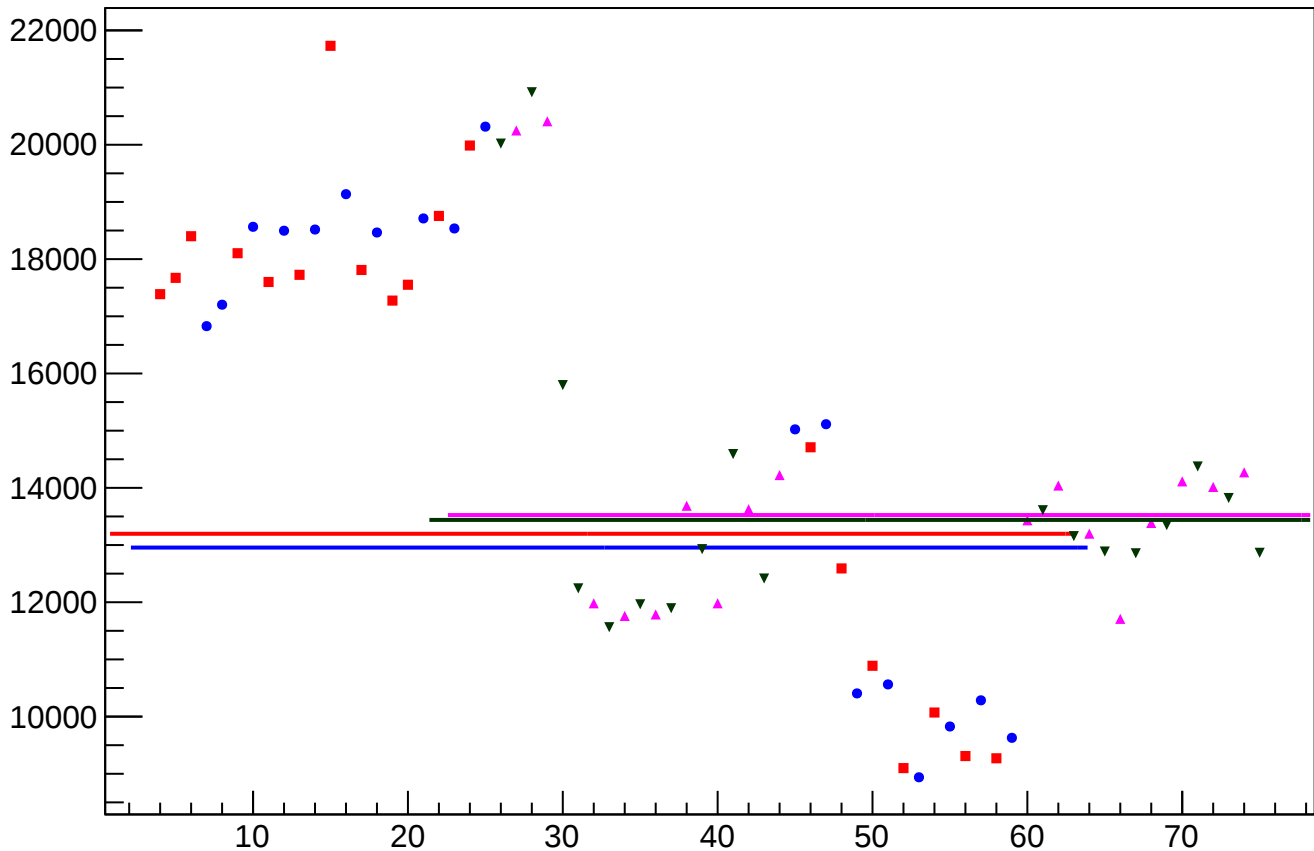
Right Out: -16.388 ± 4.377 χ^2/NDF : 27.5/18

Left In: 6.963 ± 4.404 χ^2/NDF : 39.4/16

2.386 ± 2.987 χ^2/NDF : 193.0/35

-4.784 ± 3.104 χ^2/NDF : 81.0/35

diff_bpm0l07X_rms vs slug



Right In: 12955.913 $\pm$ 2.853 χ^2 /NDF: 1900634.7/17

Left Out: 13439.345 $\pm$ 3.143 χ^2 /NDF: 414551.9/17

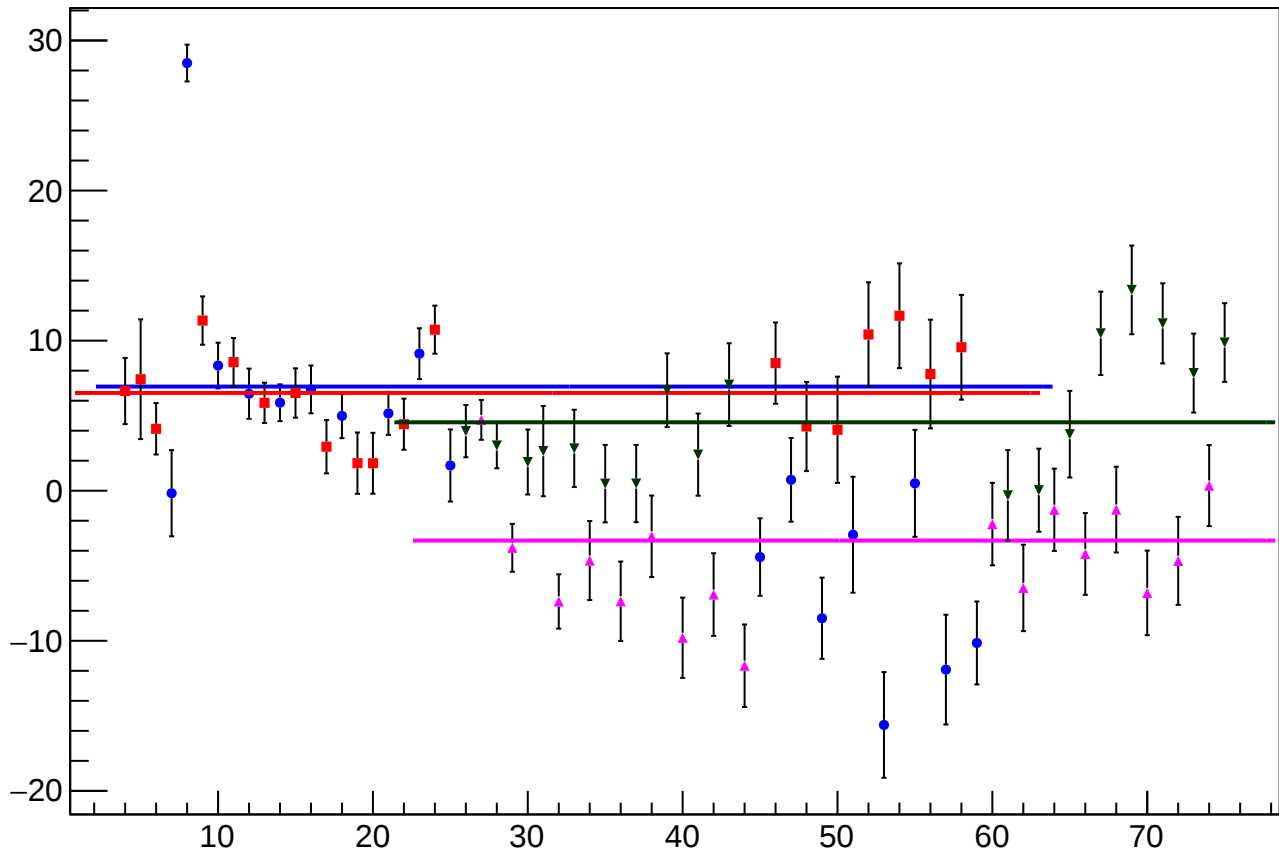
13174.355 $\pm$ 2.112 χ^2 /NDF: 2328158.0/35

Right Out: 13197.185 $\pm$ 3.095 χ^2 /NDF: 1767752.6/18

13359.867 $\pm$ 2.195 χ^2 /NDF: 2280737.3/35

Left In: 13524.554 $\pm$ 3.114 χ^2 /NDF: 507424.9/16

diff_bpm0l07Y_mean vs slug



Right In: 6.939 ± 0.450 χ^2/NDF : 499.6/17

Left Out: 4.559 ± 0.577 χ^2/NDF : 41.3/17

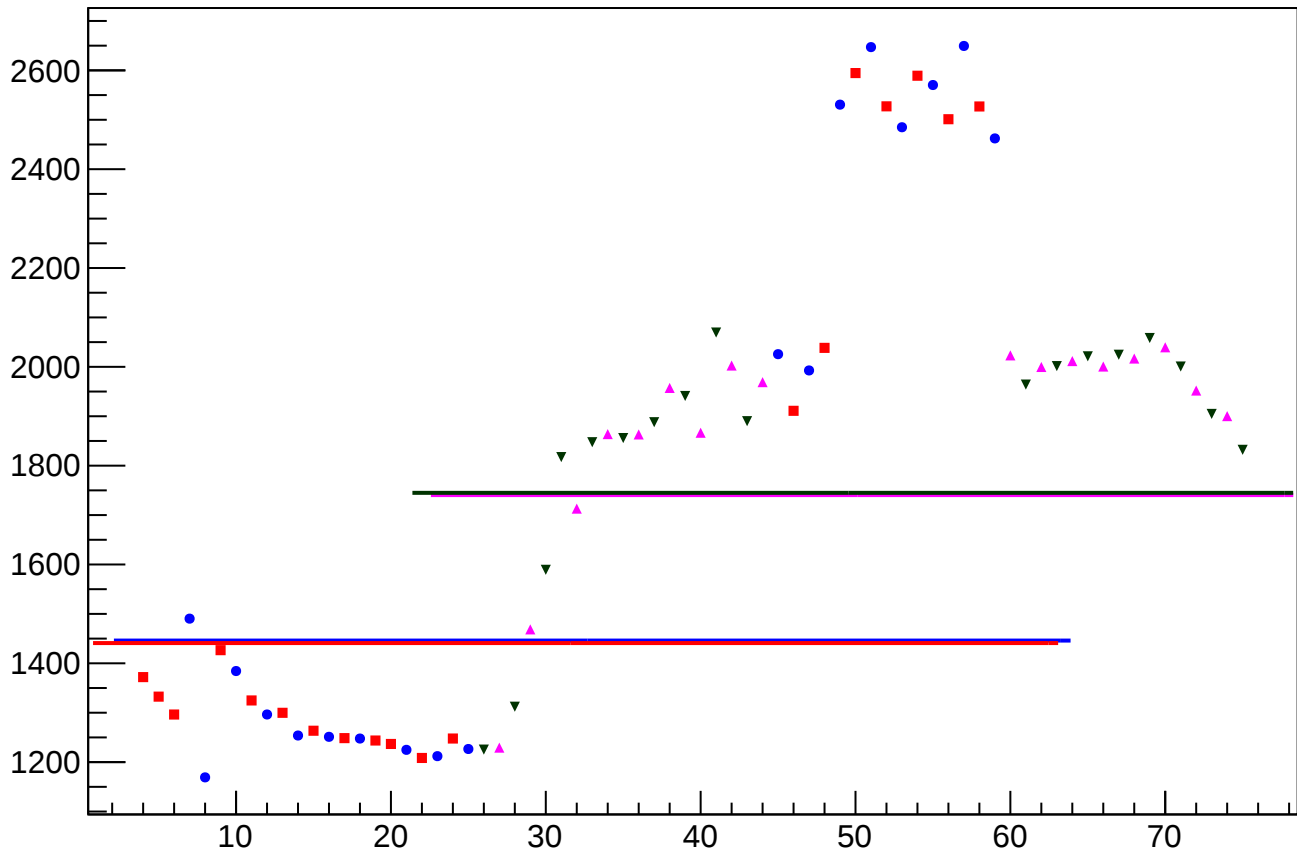
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -3.322 ± 0.567 χ^2/NDF : 67.3/16

6.040 ± 0.355 χ^2/NDF : 551.5/35

2.490 ± 0.362 χ^2/NDF : 287.3/35

diff_bpm0l07Y_rms vs slug



Right In: 1446.011+/-0.318 χ^2/NDF : 1891465.4/17

Left Out: 1745.001+/-0.408 χ^2/NDF : 527391.6/17

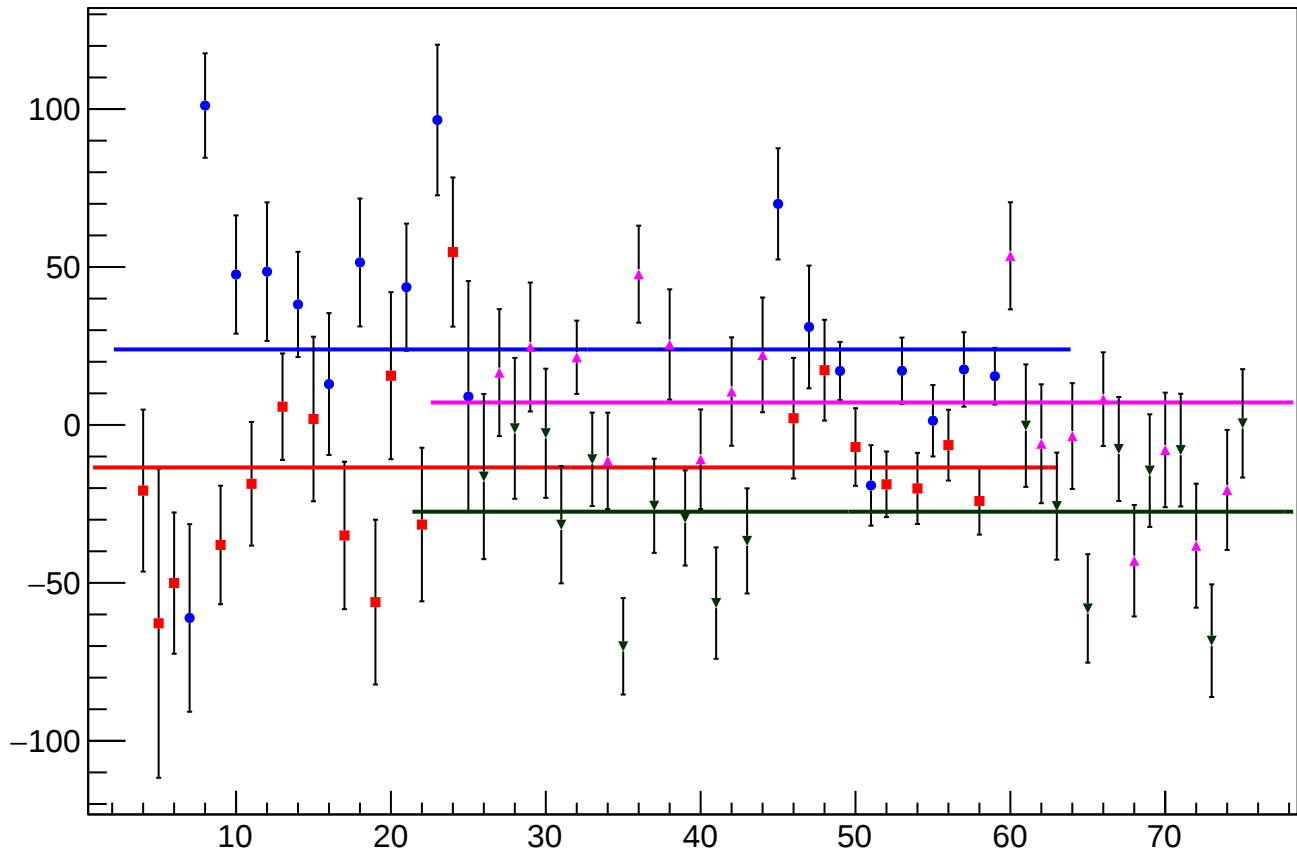
1558.959+/-0.251 χ^2/NDF : 2752967.2/35

Right Out: 1440.962+/-0.333 χ^2/NDF : 1333198.7/18

1563.542+/-0.256 χ^2/NDF : 2210040.3/35

Left In: 1740.438+/-0.401 χ^2/NDF : 546710.2/16

diff_bpm0l08X_mean vs slug



Right In: 23.908 ± 3.470 $\chi^2/\text{NDF}: 70.6/17$

Left Out: -27.466 ± 4.102 $\chi^2/\text{NDF}: 31.4/17$

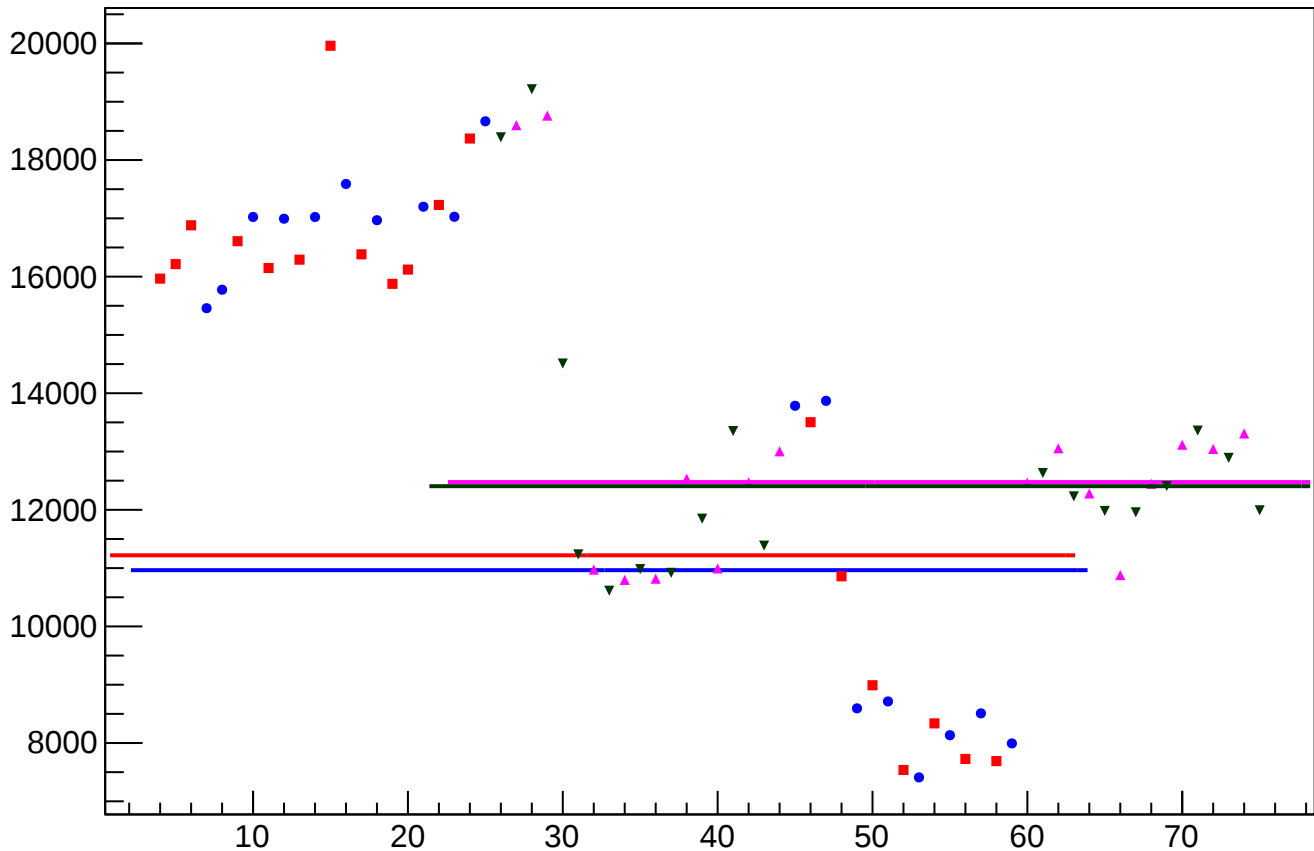
Right Out: -13.450 ± 3.783 $\chi^2/\text{NDF}: 27.5/18$

Left In: 7.114 ± 4.062 $\chi^2/\text{NDF}: 38.7/16$

2.482 ± 2.649 $\chi^2/\text{NDF}: 193.5/35$

-3.899 ± 2.769 $\chi^2/\text{NDF}: 79.9/35$

diff_bpm0l08X_rms vs slug



Right In: 10964.744+/-2.454 χ^2/NDF : 2550839.7/17

Left Out: 12405.382+/-2.901 χ^2/NDF : 414425.1/17

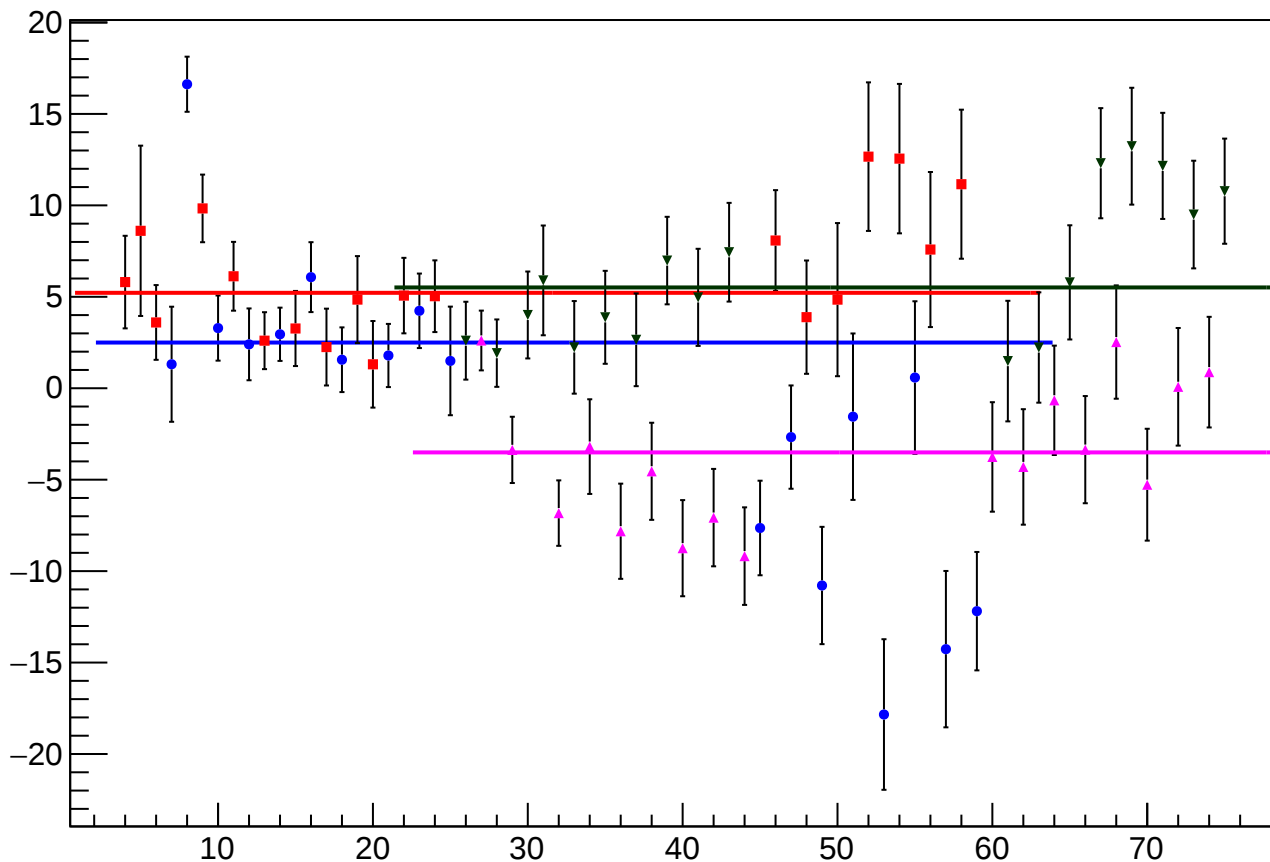
11565.580+/-1.873 χ^2/NDF : 3109043.7/35

Right Out: 11219.959+/-2.675 χ^2/NDF : 2343952.2/18

11803.191+/-1.958 χ^2/NDF : 2955153.7/35

Left In: 12475.670+/-2.873 χ^2/NDF : 508862.3/16

diff_bpm0l08Y_mean vs slug



Right In: 2.499 ± 0.530 χ^2/NDF : 190.3/17

Left Out: 5.512 ± 0.621 χ^2/NDF : 34.4/17

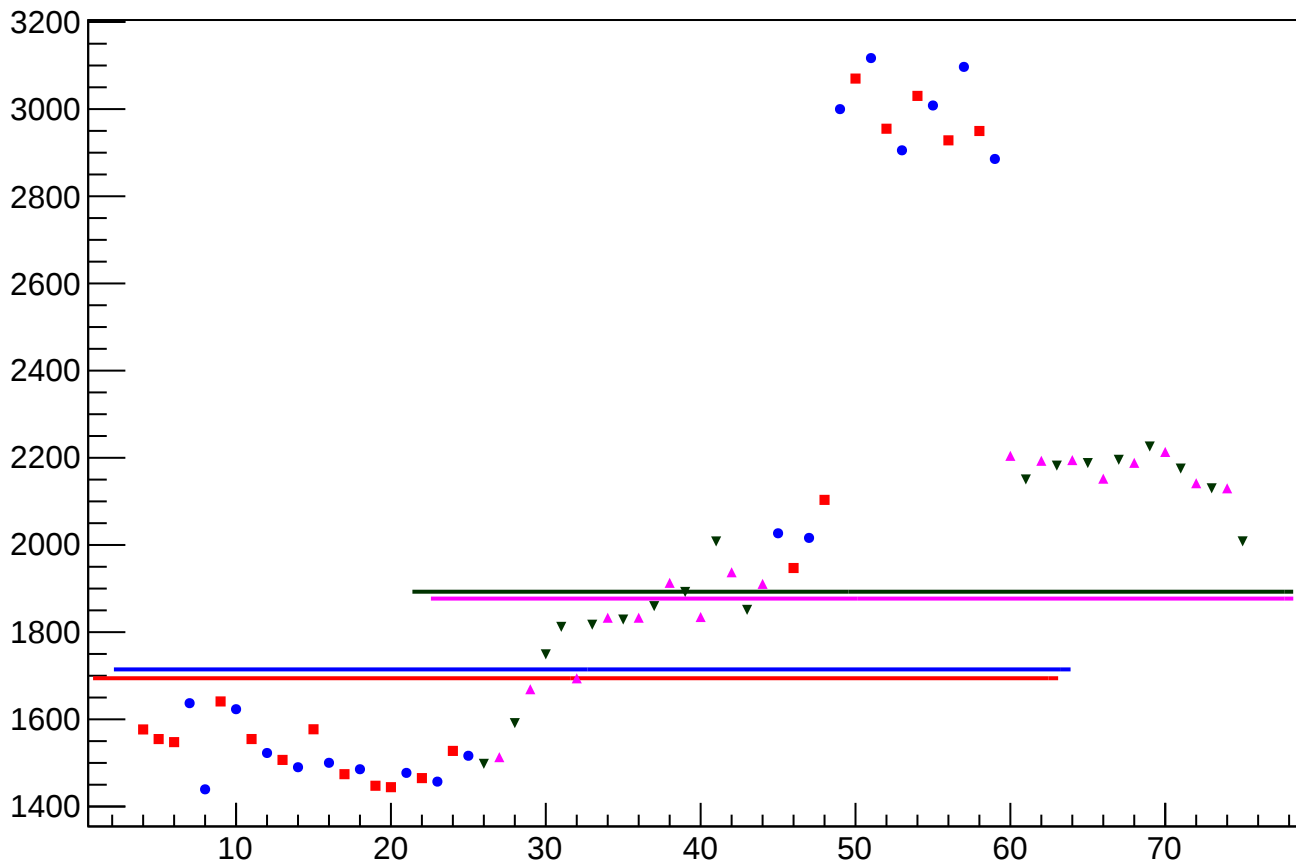
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -3.509 ± 0.607 χ^2/NDF : 39.1/16

3.769 ± 0.403 χ^2/NDF : 238.4/35

1.262 ± 0.409 χ^2/NDF : 178.5/35

diff_bpm0l08Y_rms vs slug



Right In: 1714.550+/-0.375 χ^2/NDF : 1670759.3/17

Left Out: 1892.792+/-0.439 χ^2/NDF : 264336.8/17

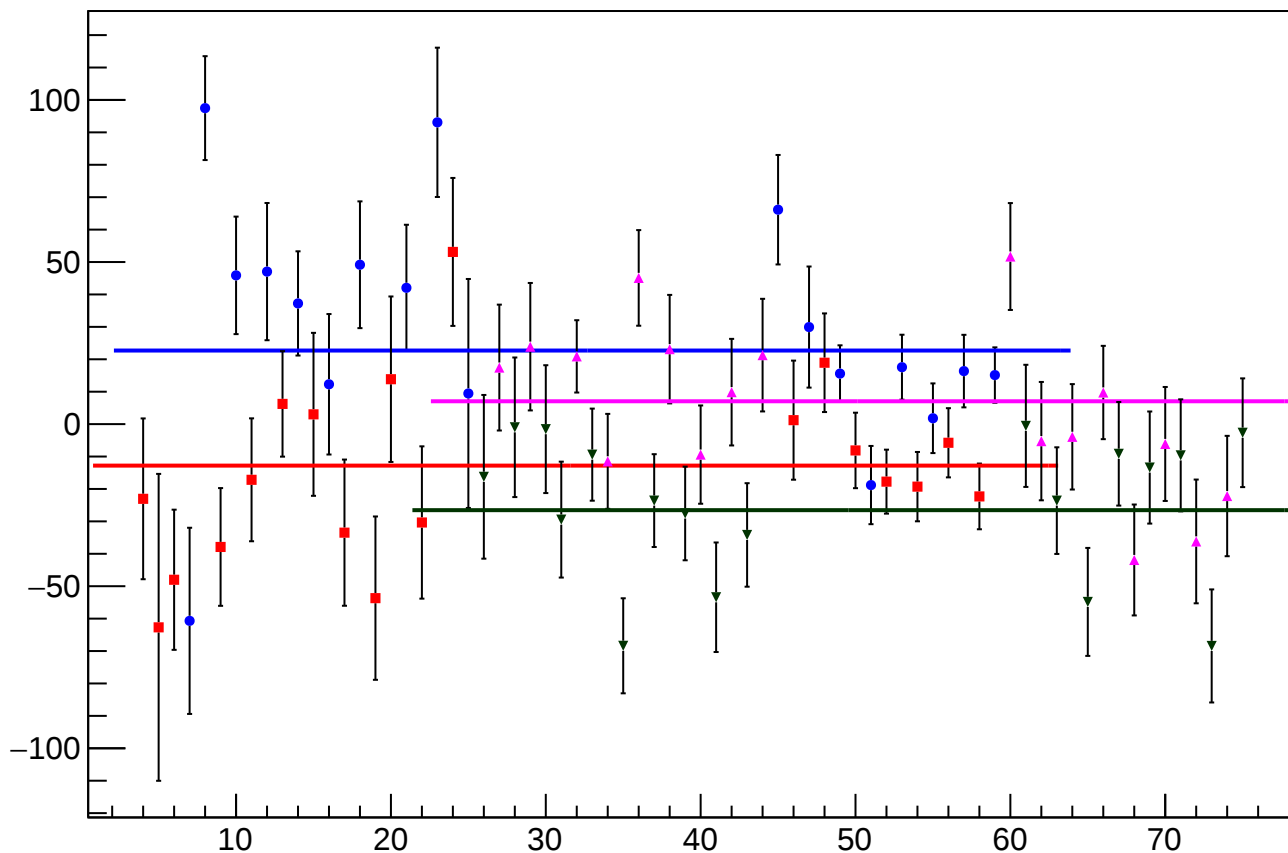
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

Left In: 1877.025+/-0.429 χ^2/NDF : 305884.6/16

1789.666+/-0.285 χ^2/NDF : 2030356.0/35

1777.111+/-0.289 χ^2/NDF : 1607752.0/35

diff_bpm0l09X_mean vs slug



Right In: 22.698 $\pm$ 3.315 χ^2 /NDF: 70.9/17

Left Out: -26.542 $\pm$ 3.962 χ^2 /NDF:31.0/17

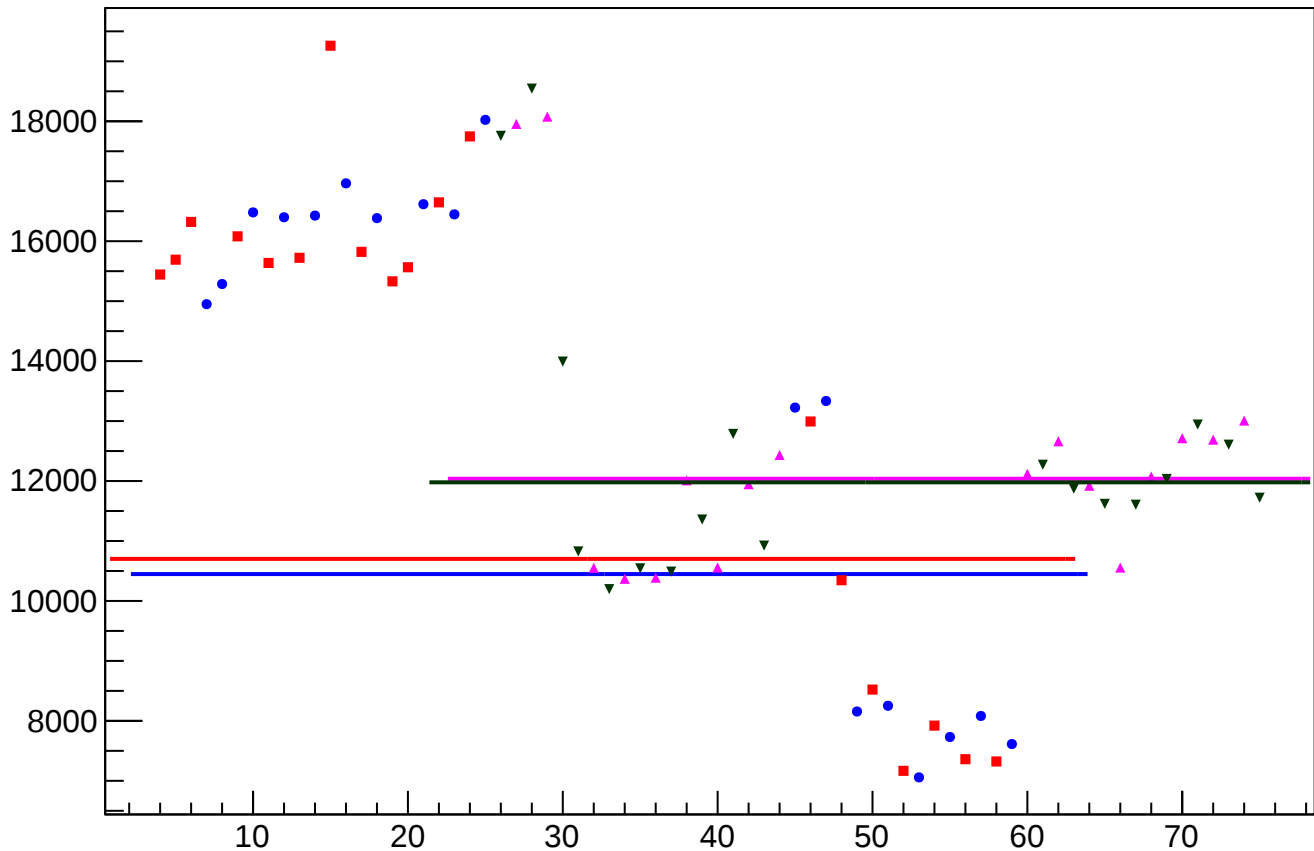
Right Out: -12.799 $\pm$ 3.618 χ^2 /NDF: 28.2/18

Left In: 7.047 $\pm$ 3.920 χ^2 /NDF:38.3/16

2.421 $\pm$ 2.542 χ^2 /NDF: 192.8/35

-3.670 $\pm$ 2.659 χ^2 /NDF: 80.3/35

diff_bpm0l09X_rms vs slug



Right In: 10448.159+/-2.344 χ^2/NDF : 2654654.8/17

Left Out: 11978.477+/-2.801 χ^2/NDF : 421135.2/17

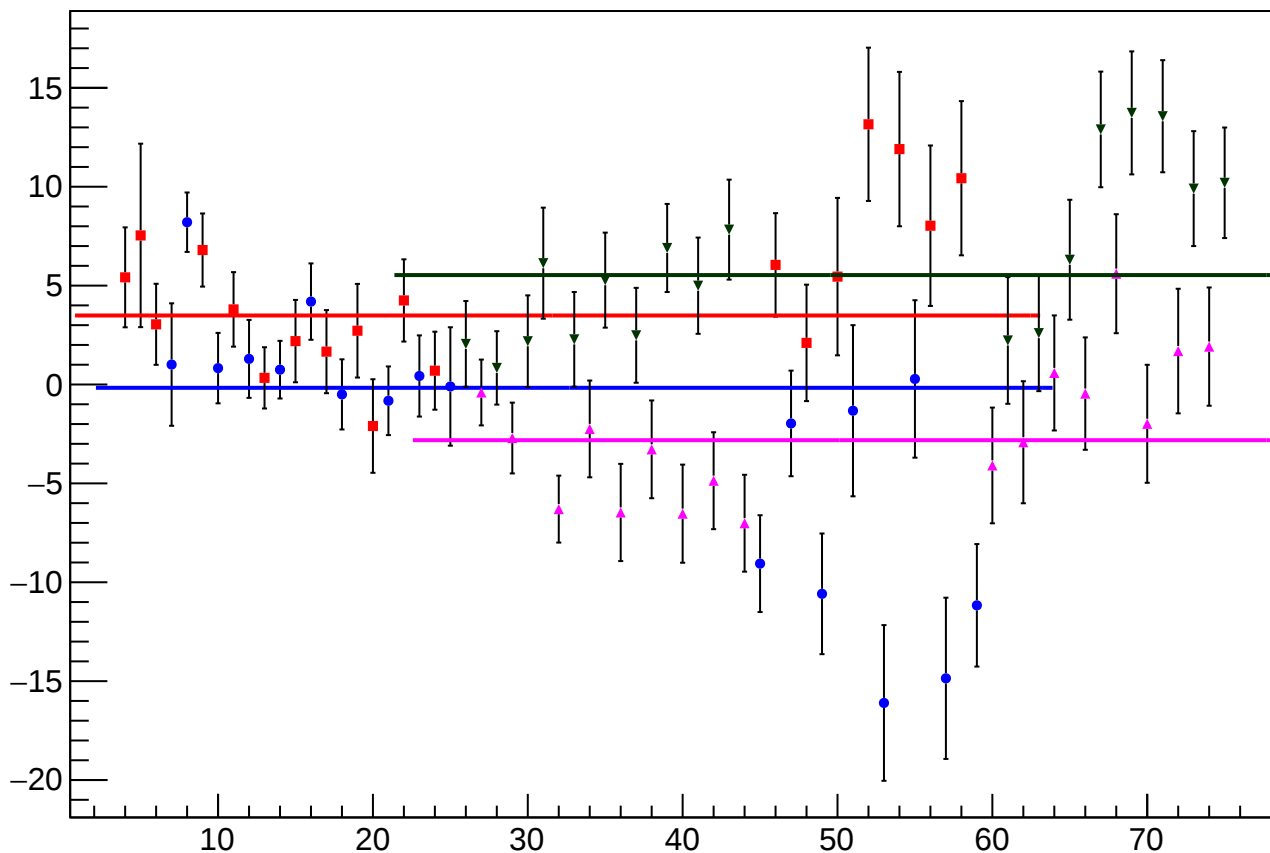
11078.339+/-1.798 χ^2/NDF : 3251315.2/35

Right Out: 10701.460+/-2.558 χ^2/NDF : 2438498.5/18

11316.145+/-1.880 χ^2/NDF : 3079707.9/35

Left In: 12037.758+/-2.772 χ^2/NDF : 515724.7/16

diff_bpm0l09Y_mean vs slug



Right In: -0.167±/0.526 χ^2/NDF : 105.2/17

Left Out: 5.533±/0.600 χ^2/NDF : 44.3/17

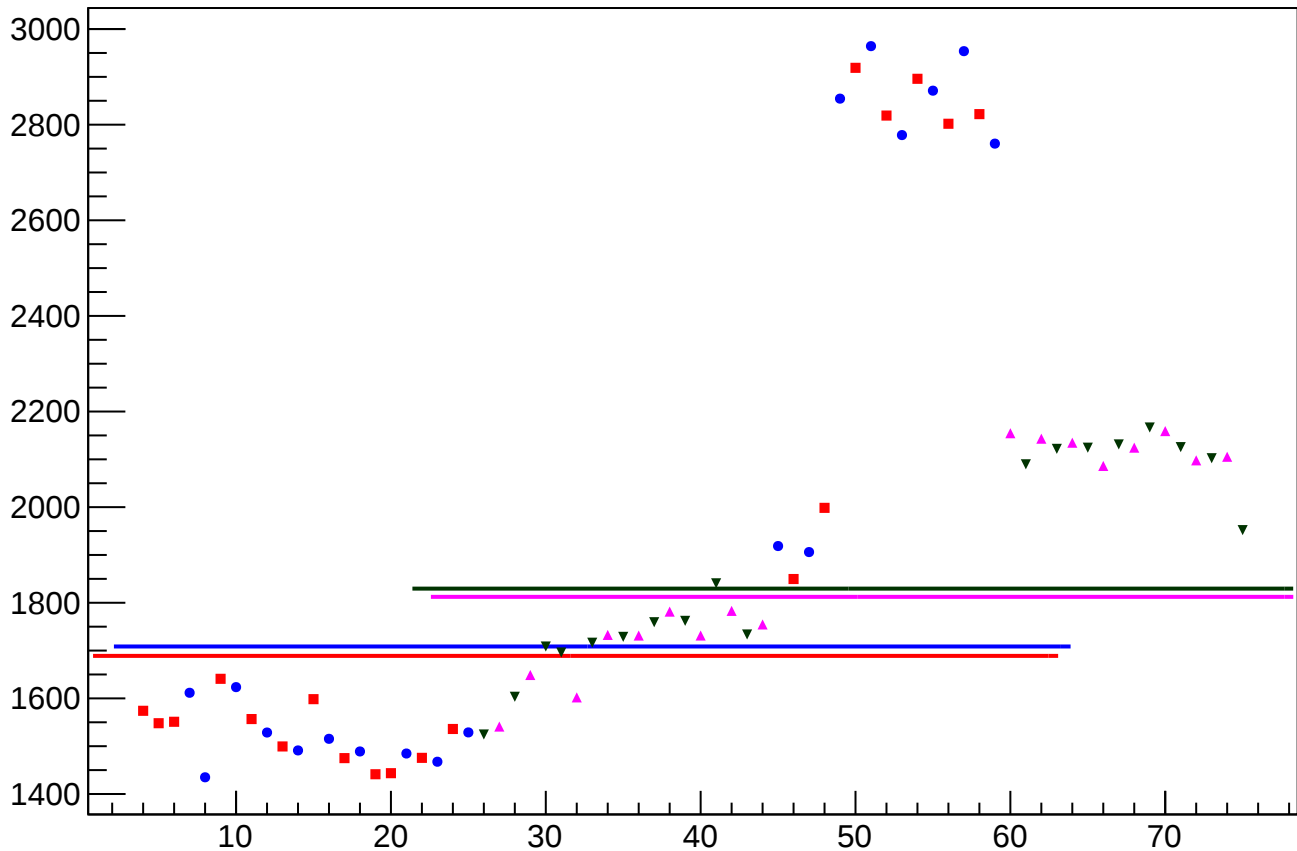
Right Out: 3.490±/0.549 χ^2/NDF : 34.4/18

Left In: -2.816±/0.586 χ^2/NDF : 29.2/16

2.309±/0.395 χ^2/NDF : 200.6/35

0.542±/0.401 χ^2/NDF : 125.4/35

diff_bpm0l09Y_rms vs slug



Right In: 1708.561+/-0.372 χ^2/NDF : 1464594.2/17

Left Out: 1829.595+/-0.424 χ^2/NDF : 233790.1/17

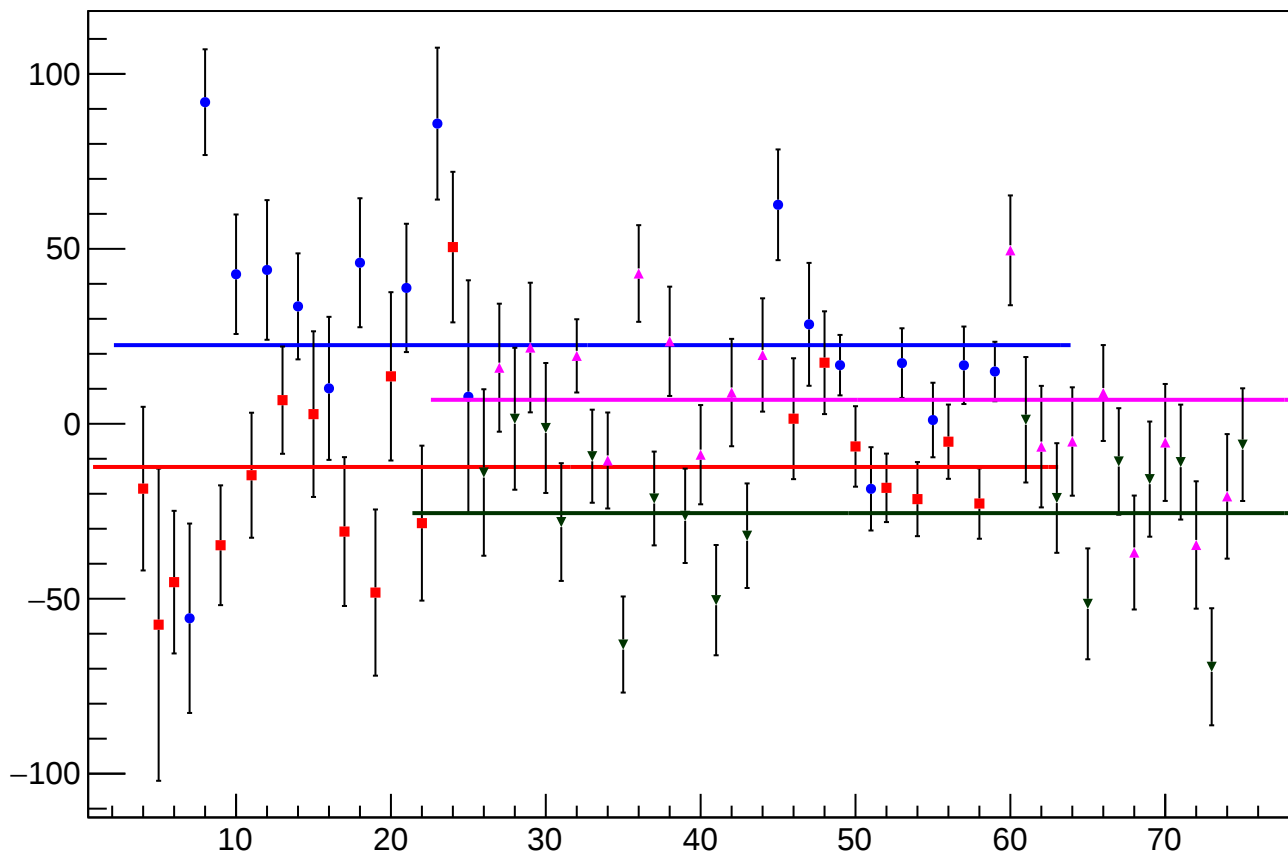
1761.137+/-0.280 χ^2/NDF : 1744429.7/35

Right Out: 1688.902+/-0.388 χ^2/NDF : 1058632.3/18

1746.624+/-0.283 χ^2/NDF : 1392459.1/35

Left In: 1812.368+/-0.414 χ^2/NDF : 286524.3/16

diff_bpm0l10X_mean vs slug



Right In: 22.480 ± 3.228 χ^2/NDF : 68.3/17

Left Out: -25.532 ± 3.741 χ^2/NDF : 30.9/17

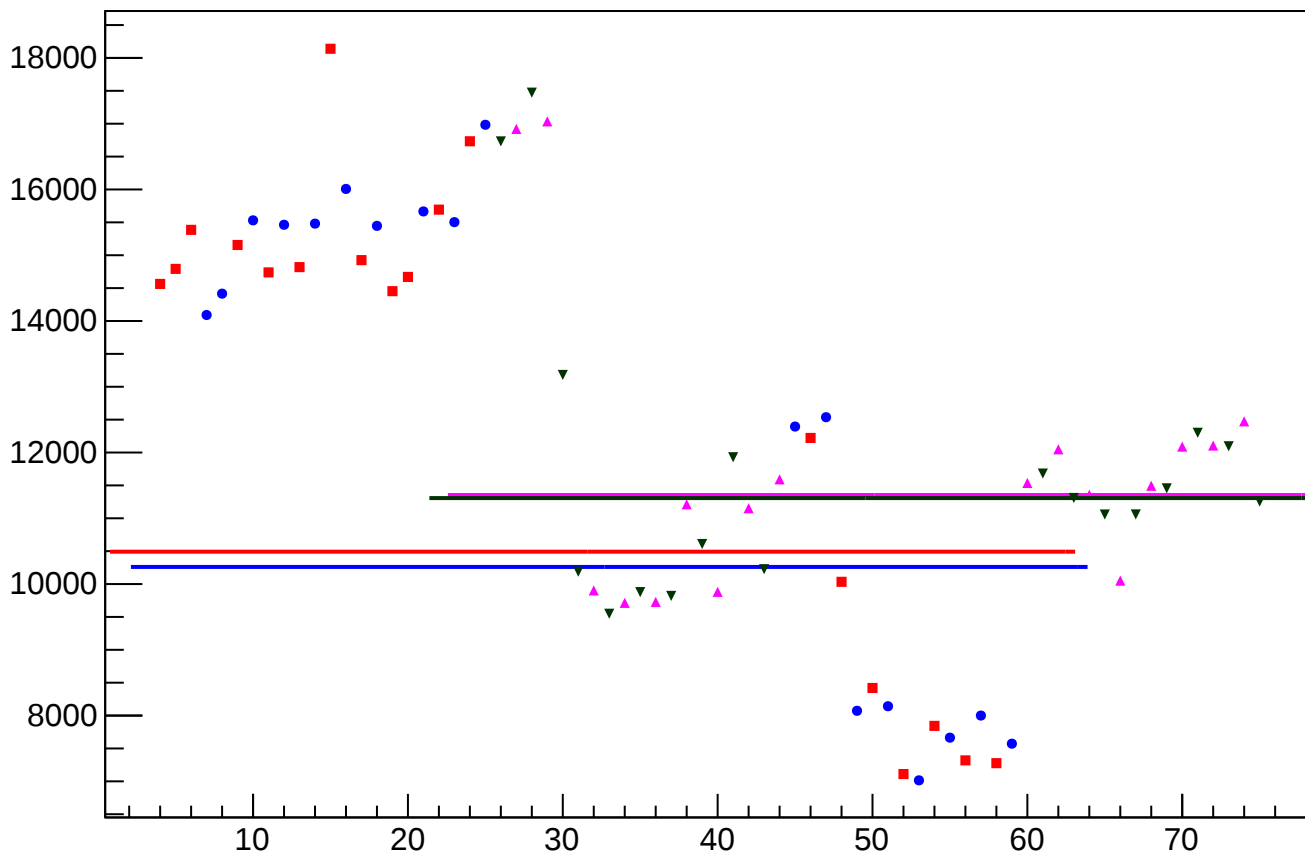
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 6.855 ± 3.699 χ^2/NDF : 37.7/16

1.988 ± 2.444 χ^2/NDF : 193.6/35

-3.226 ± 2.548 χ^2/NDF : 80.2/35

diff_bpm0l10X_rms vs slug



Right In: 10260.138+/-2.282 χ^2/NDF : 2319999.2/17

Left Out: 11307.171+/-2.645 χ^2/NDF : 431922.8/17

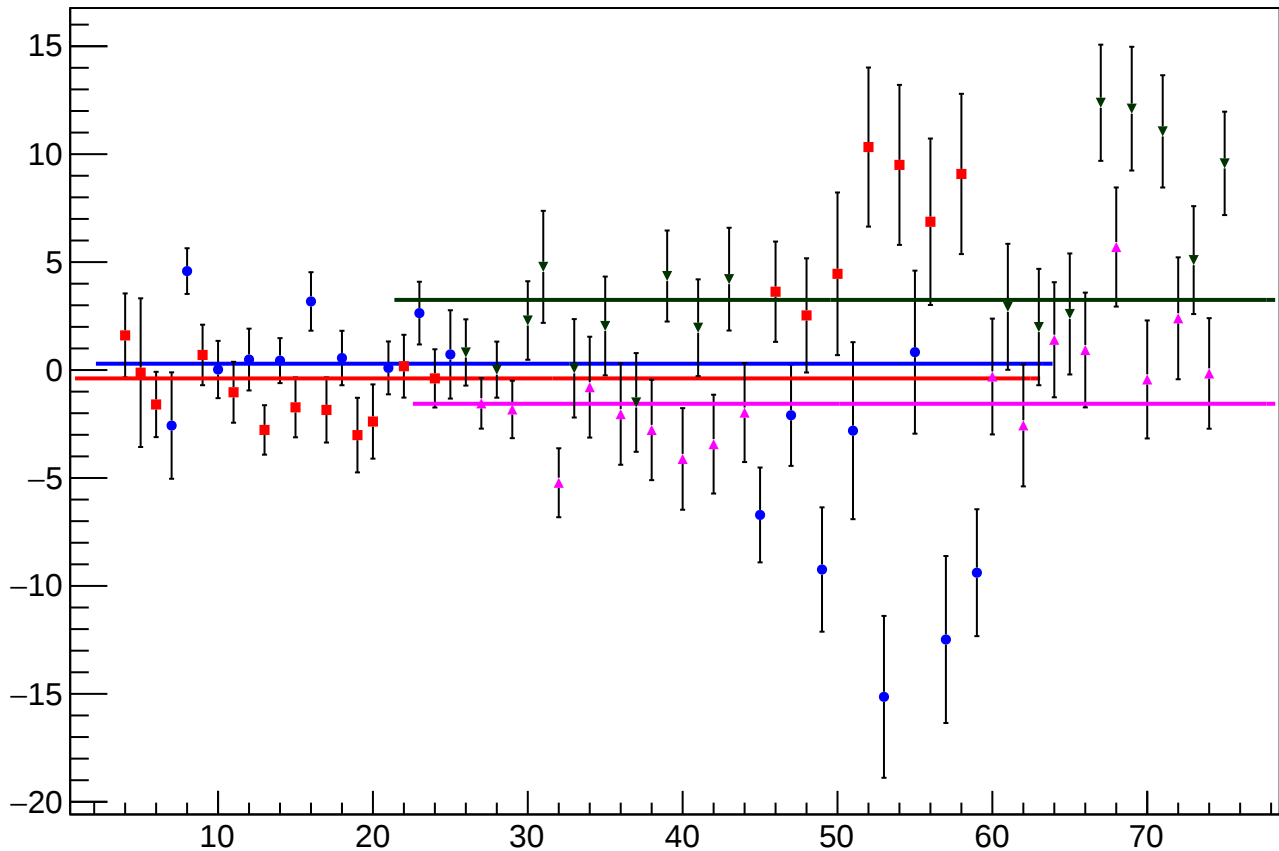
10707.020+/-1.728 χ^2/NDF : 2841734.9/35

Right Out: 10492.088+/-2.487 χ^2/NDF : 2138865.4/18

10901.175+/-1.802 χ^2/NDF : 2723257.4/35

Left In: 11353.730+/-2.615 χ^2/NDF : 527380.2/16

diff_bpm0l10Y_mean vs slug



Right In: 0.293 ± 0.393 χ^2/NDF : 86.6/17

Left Out: 3.249 ± 0.515 χ^2/NDF : 54.5/17

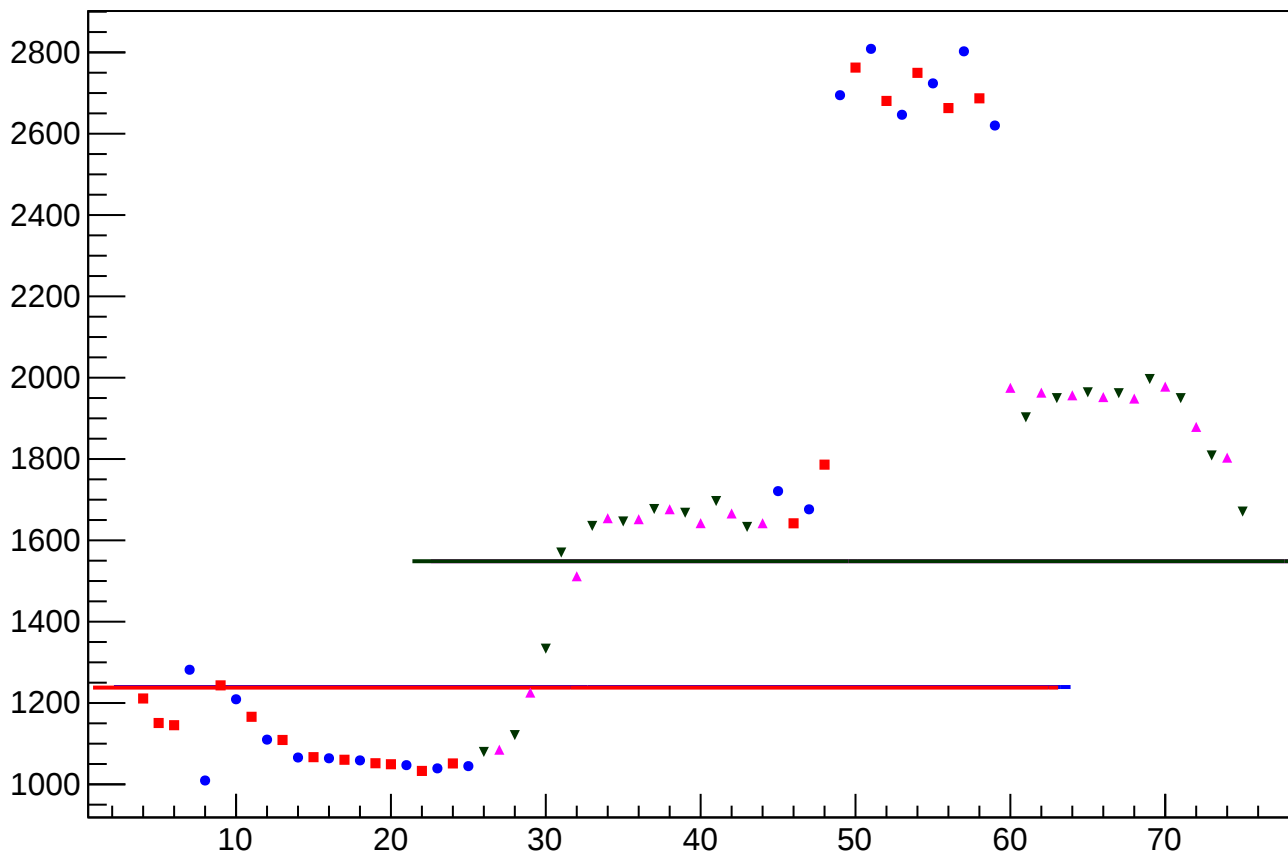
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -1.562 ± 0.507 χ^2/NDF : 19.4/16

1.380 ± 0.312 χ^2/NDF : 161.9/35

-0.854 ± 0.320 χ^2/NDF : 66.7/35

diff_bpm0l10Y_rms vs slug



Right In: 1239.296+/-0.278 χ^2/NDF : 2675601.4/17

Left Out: 1548.662+/-0.364 χ^2/NDF : 750348.9/17

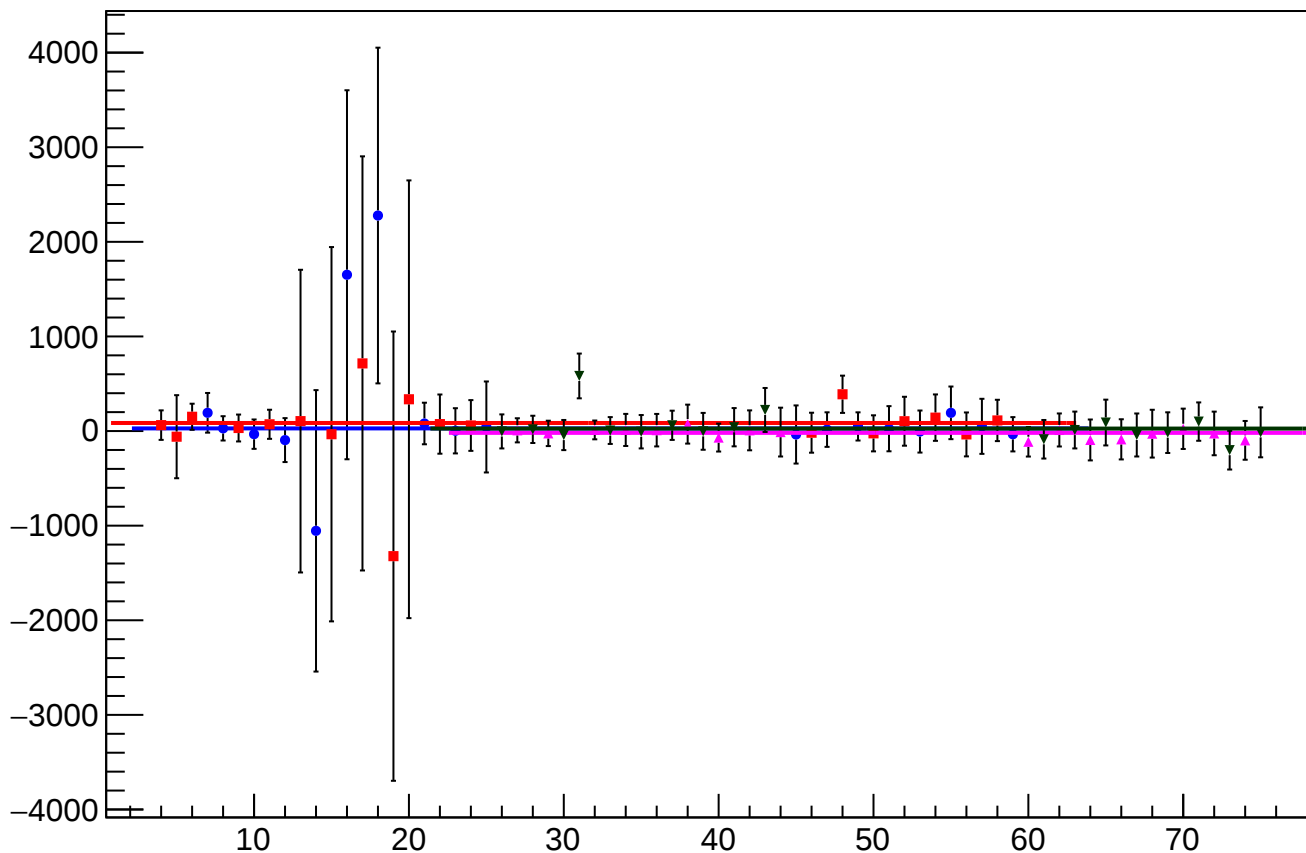
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

Left In: 1548.725+/-0.359 χ^2/NDF : 782902.5/16

1353.036+/-0.221 χ^2/NDF : 3882085.4/35

1361.401+/-0.226 χ^2/NDF : 3149868.1/35

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 27.874+/-52.297 χ^2/NDF : 4.5/17

Left Out: 26.233+/-44.700 χ^2/NDF : 8.5/17

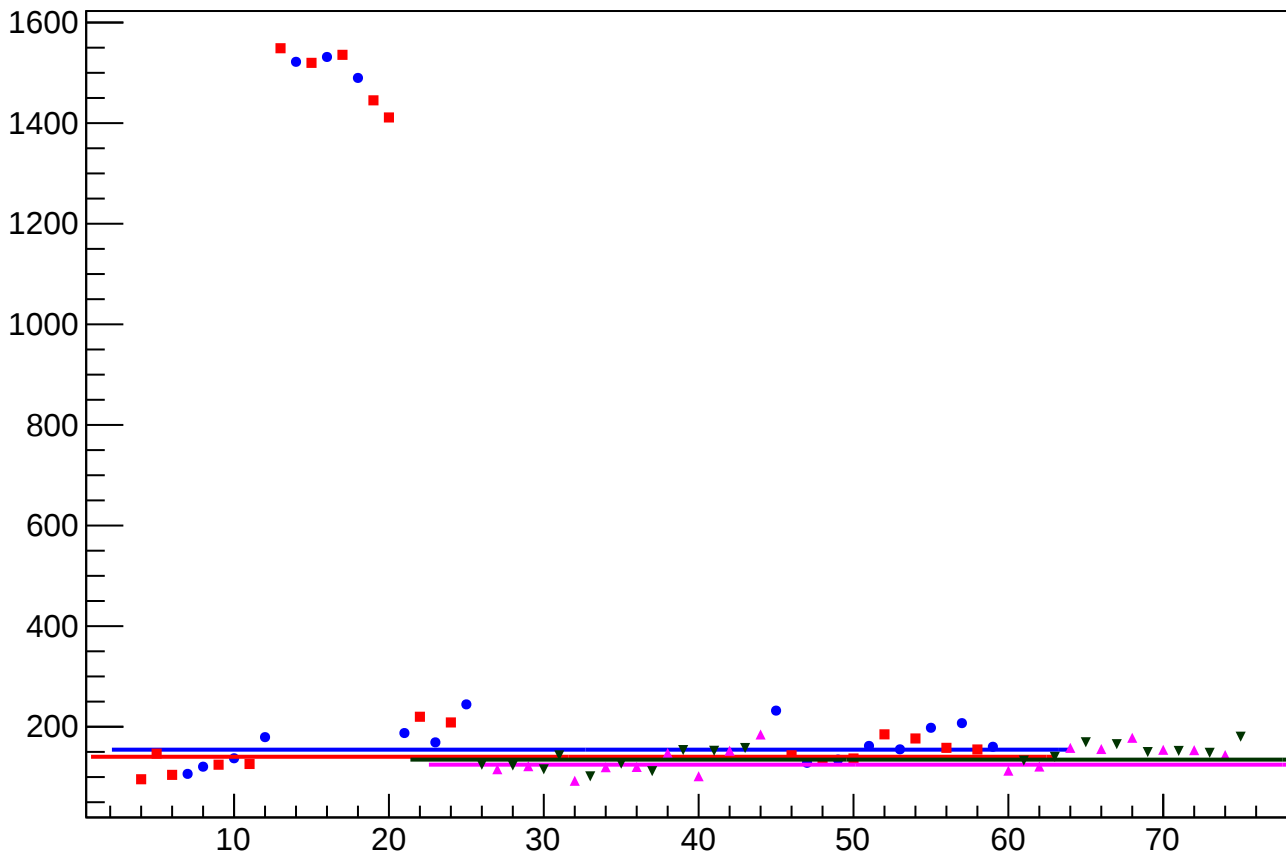
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -19.186+/-41.105 χ^2/NDF : 1.3/16

26.926+/-33.979 χ^2/NDF : 13.0/35

20.527+/-32.366 χ^2/NDF : 8.1/35

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 154.452 $\pm$ 0.037 χ^2 /NDF: 4556738.2/17

Left Out: 134.649 $\pm$ 0.032 χ^2 /NDF: 435397.7/17

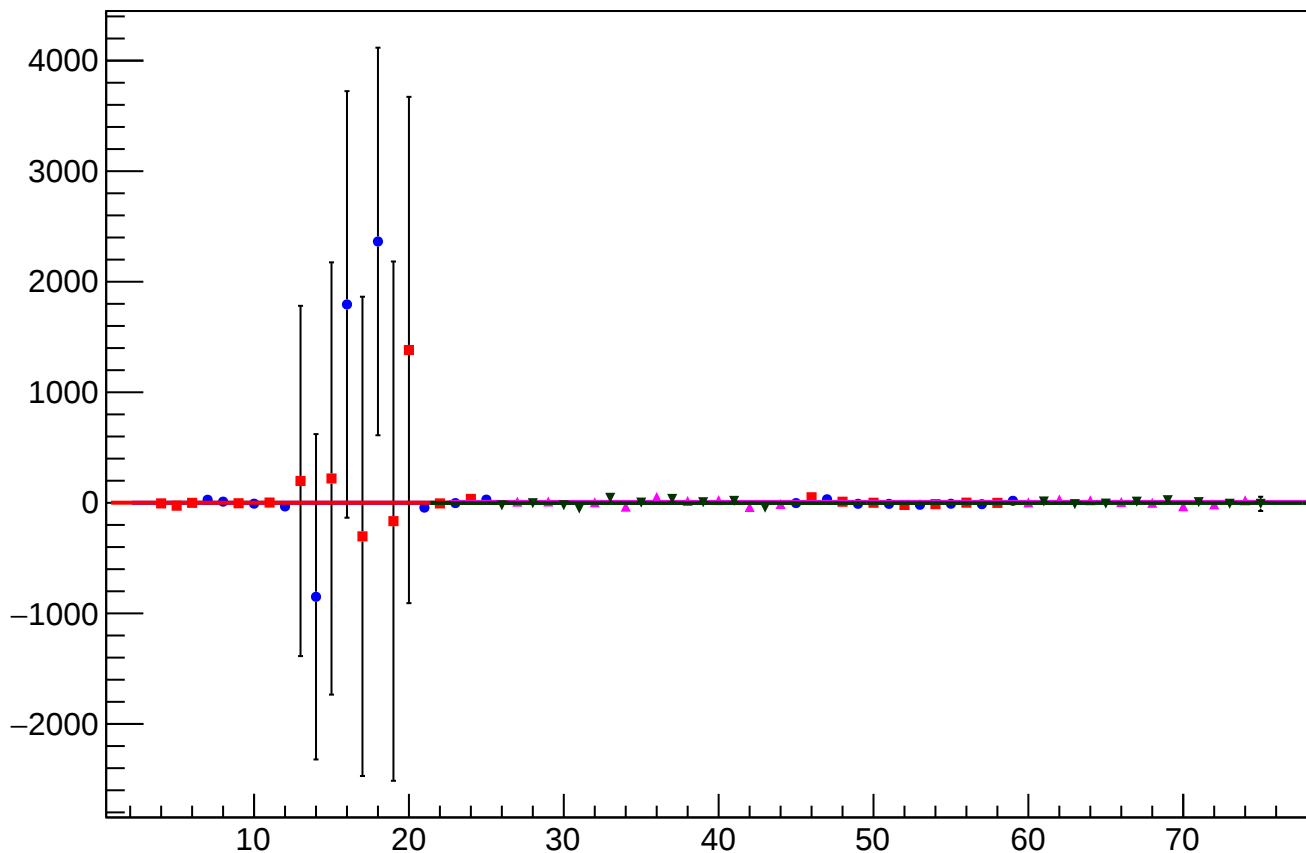
143.009 $\pm$ 0.024 χ^2 /NDF: 5157842.2/35

Right Out: 140.345 $\pm$ 0.037 χ^2 /NDF: 5274055.6/18

130.608 $\pm$ 0.023 χ^2 /NDF: 6103727.5/35

Left In: 124.640 $\pm$ 0.029 χ^2 /NDF: 718728.9/16

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.581+/-4.614 χ^2/NDF : 16.6/17

Left Out: -1.061+/-5.704 χ^2/NDF : 16.3/17

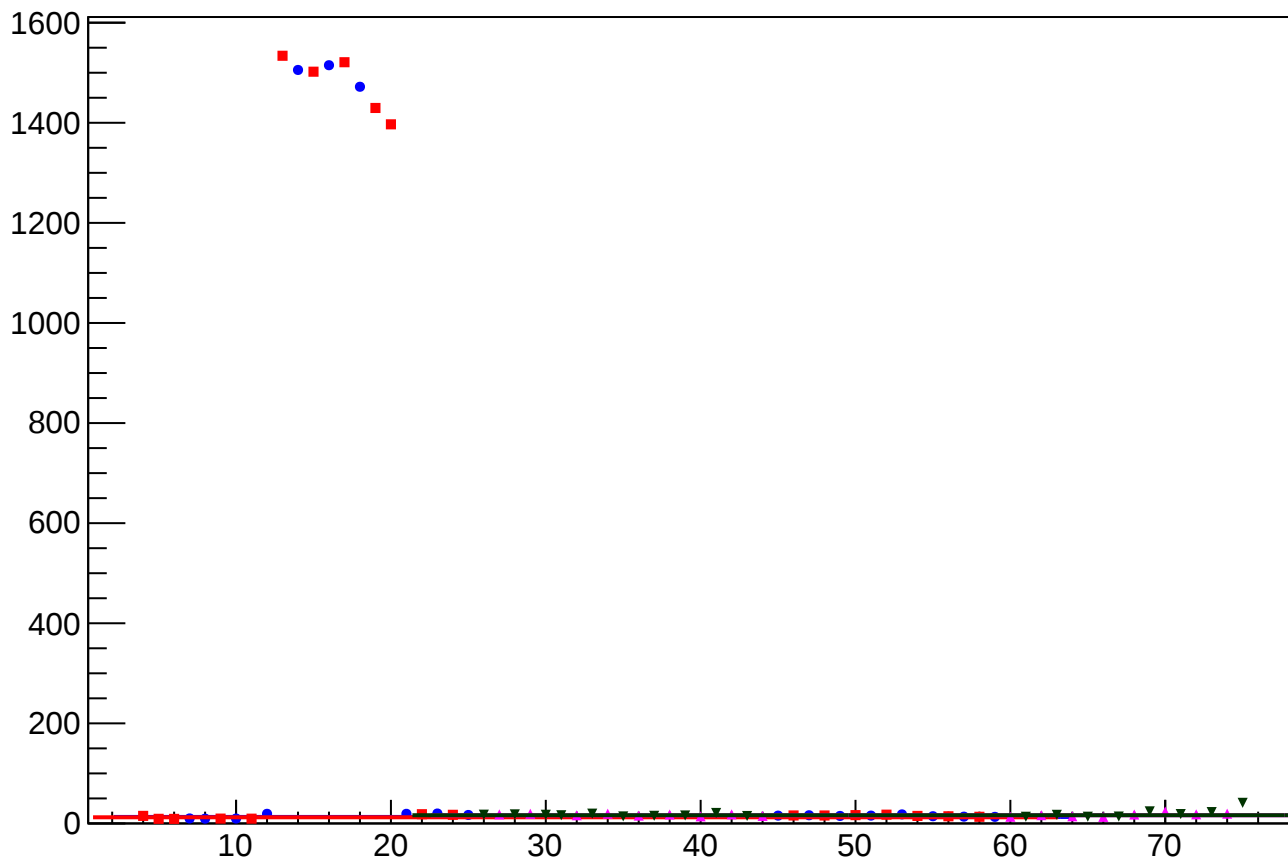
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 8.188+/-5.518 χ^2/NDF : 14.1/16

-0.068+/-3.587 χ^2/NDF : 32.9/35

4.305+/-3.617 χ^2/NDF : 24.4/35

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 13.014+/-0.003 χ^2/NDF : 5695749.7/17

Left Out: 16.468+/-0.004 χ^2/NDF : 724690.9/17

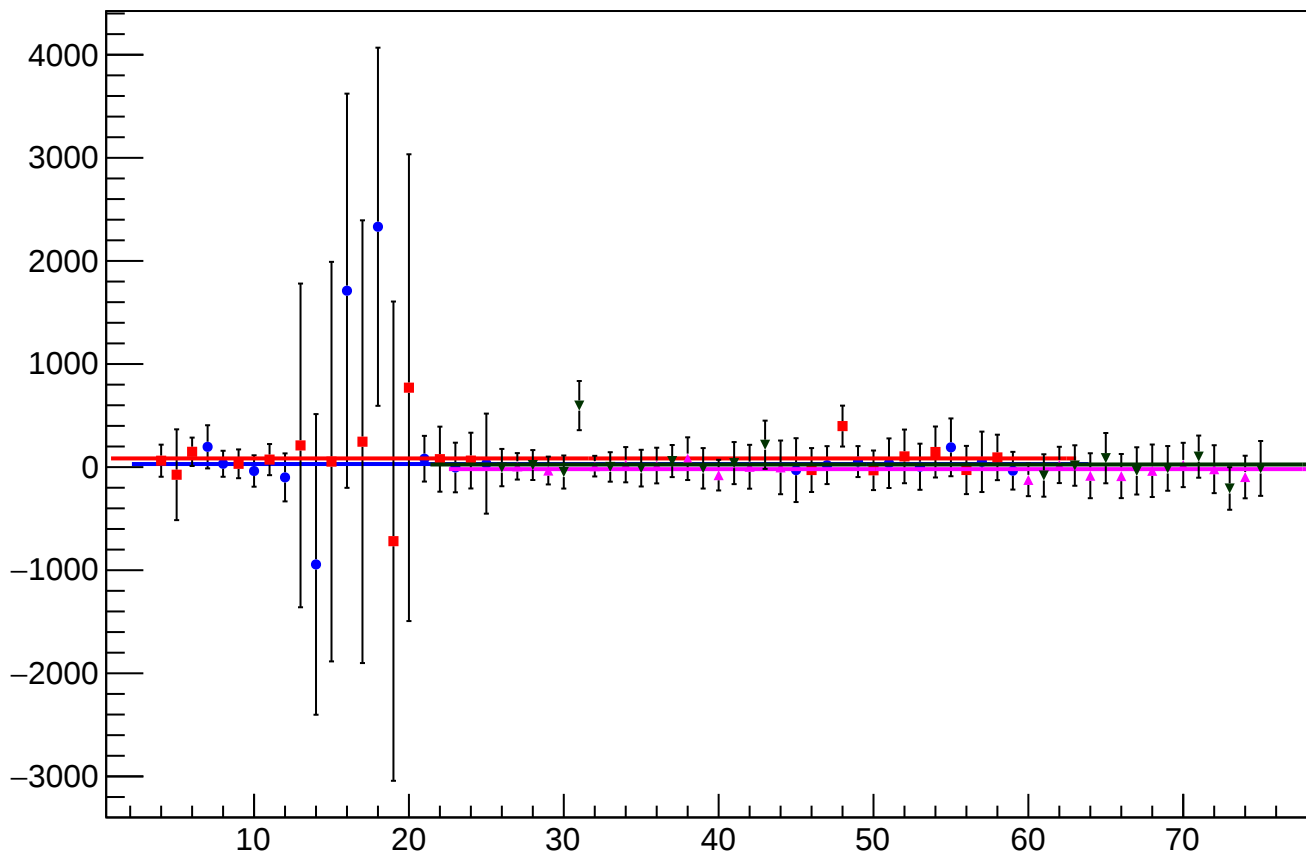
Right Out: 12.312+/-0.003 χ^2/NDF : 6373010.7/18

Left In: 16.400+/-0.004 χ^2/NDF : 379477.0/16

14.380+/-0.003 χ^2/NDF : 6863901.1/35

14.068+/-0.003 χ^2/NDF : 7378578.1/35

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 30.011+/-52.267 χ^2/NDF : 4.7/17

Left Out: 25.672+/-45.055 χ^2/NDF : 8.7/17

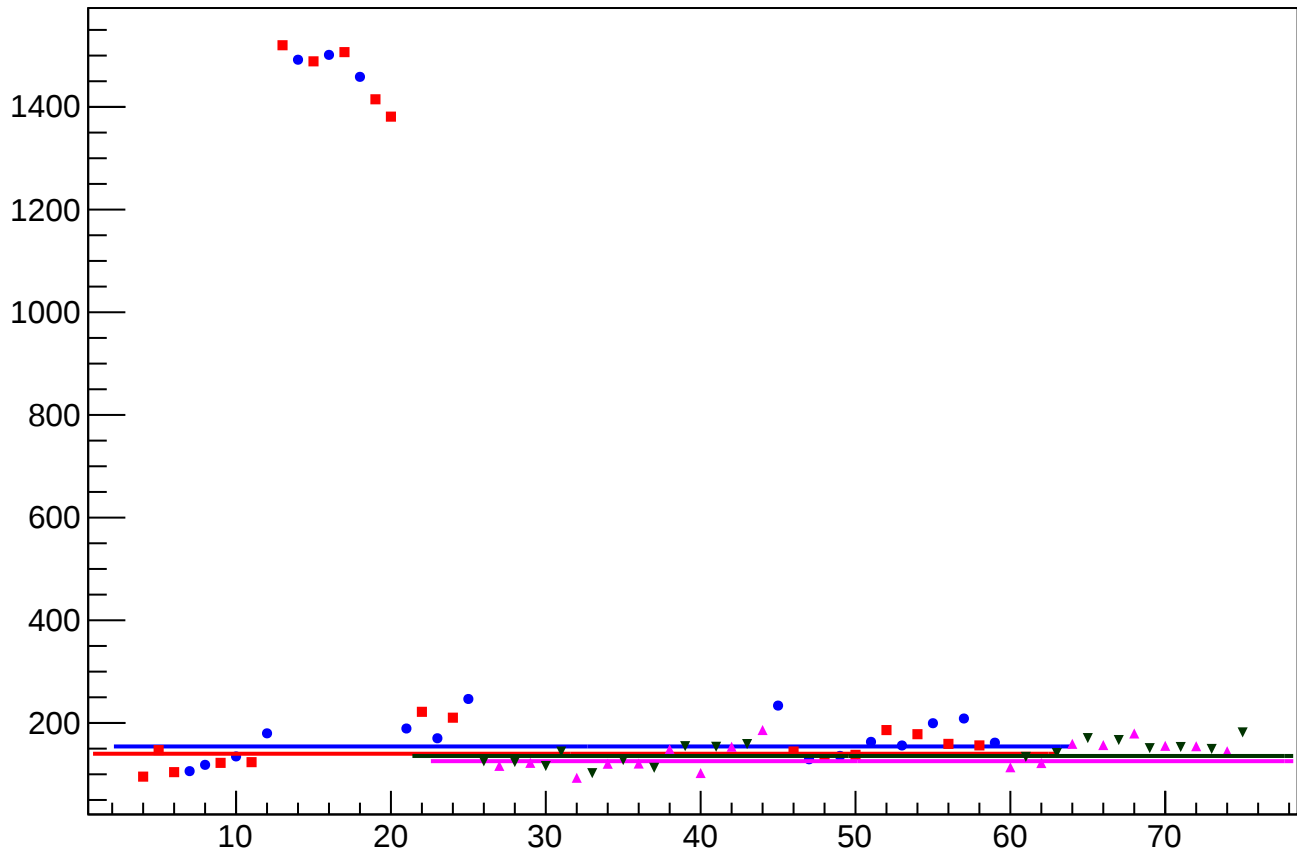
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -19.443+/-41.417 χ^2/NDF : 1.5/16

27.522+/-34.126 χ^2/NDF : 13.4/35

20.431+/-32.499 χ^2/NDF : 8.1/35

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 154.234+/-0.037 χ^2/NDF : 4584859.8/17

Left Out: 135.714+/-0.032 χ^2/NDF : 436074.6/17

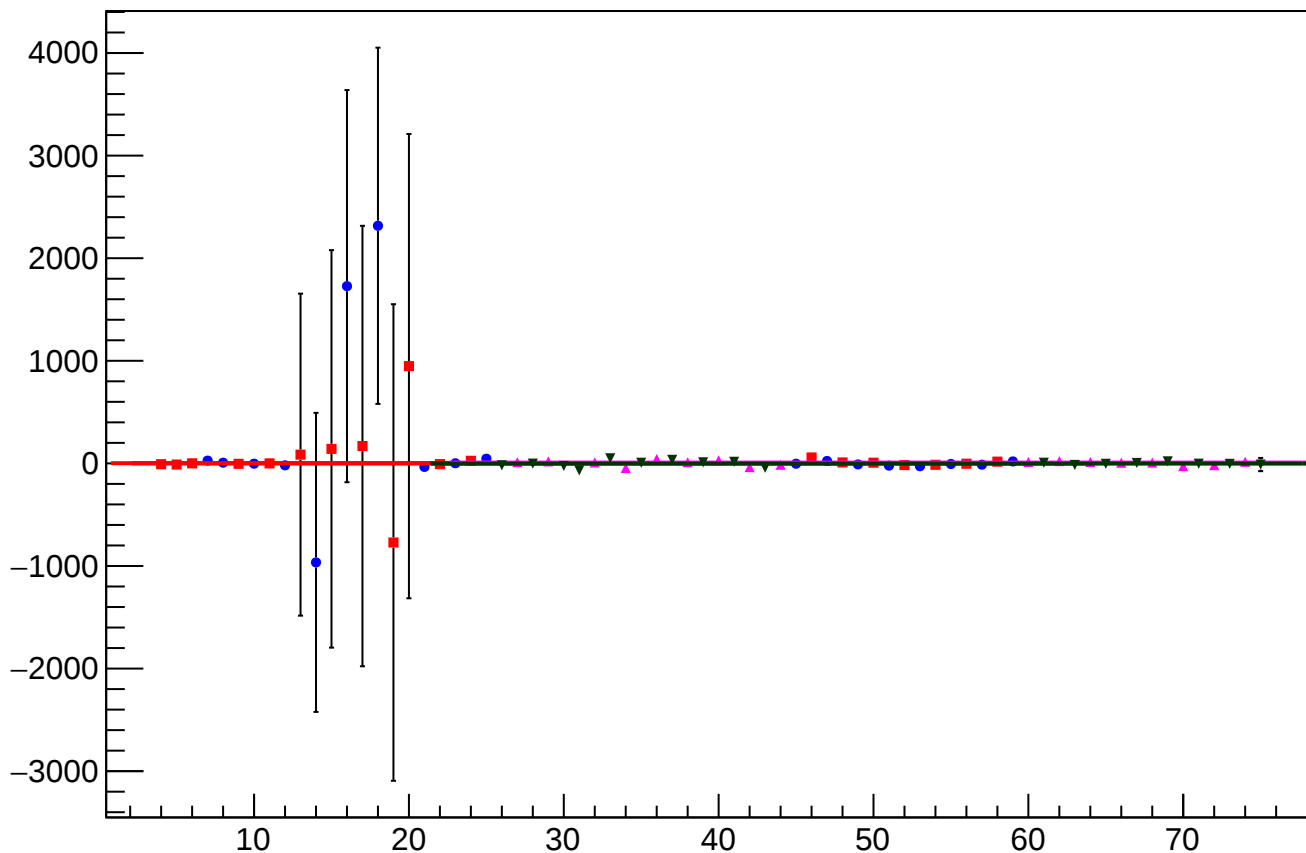
143.609+/-0.024 χ^2/NDF : 5165007.2/35

Right Out: 140.050+/-0.037 χ^2/NDF : 5289912.8/18

131.138+/-0.023 χ^2/NDF : 6104693.0/35

Left In: 125.576+/-0.029 χ^2/NDF : 720909.5/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.652 $\pm$ 4.315 χ^2 /NDF: 16.0/17

Left Out: -2.090 $\pm$ 5.574 χ^2 /NDF:19.2/17

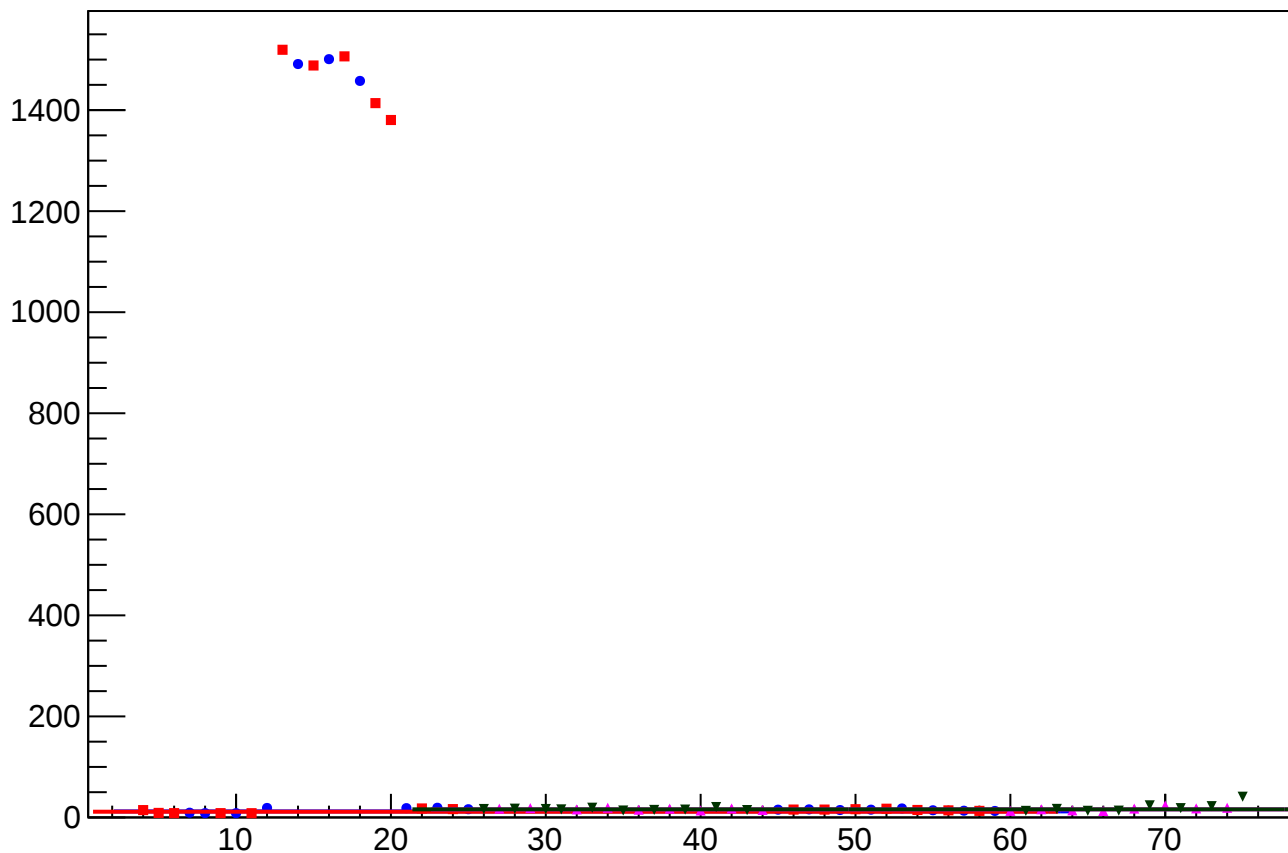
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 7.882 $\pm$ 5.393 χ^2 /NDF:13.7/16

-0.376 $\pm$ 3.412 χ^2 /NDF: 35.3/35

4.266 $\pm$ 3.442 χ^2 /NDF: 24.6/35

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 12.013+/-0.003 χ^2/NDF : 6061463.6/17

Left Out: 16.060+/-0.004 χ^2/NDF : 735714.1/17

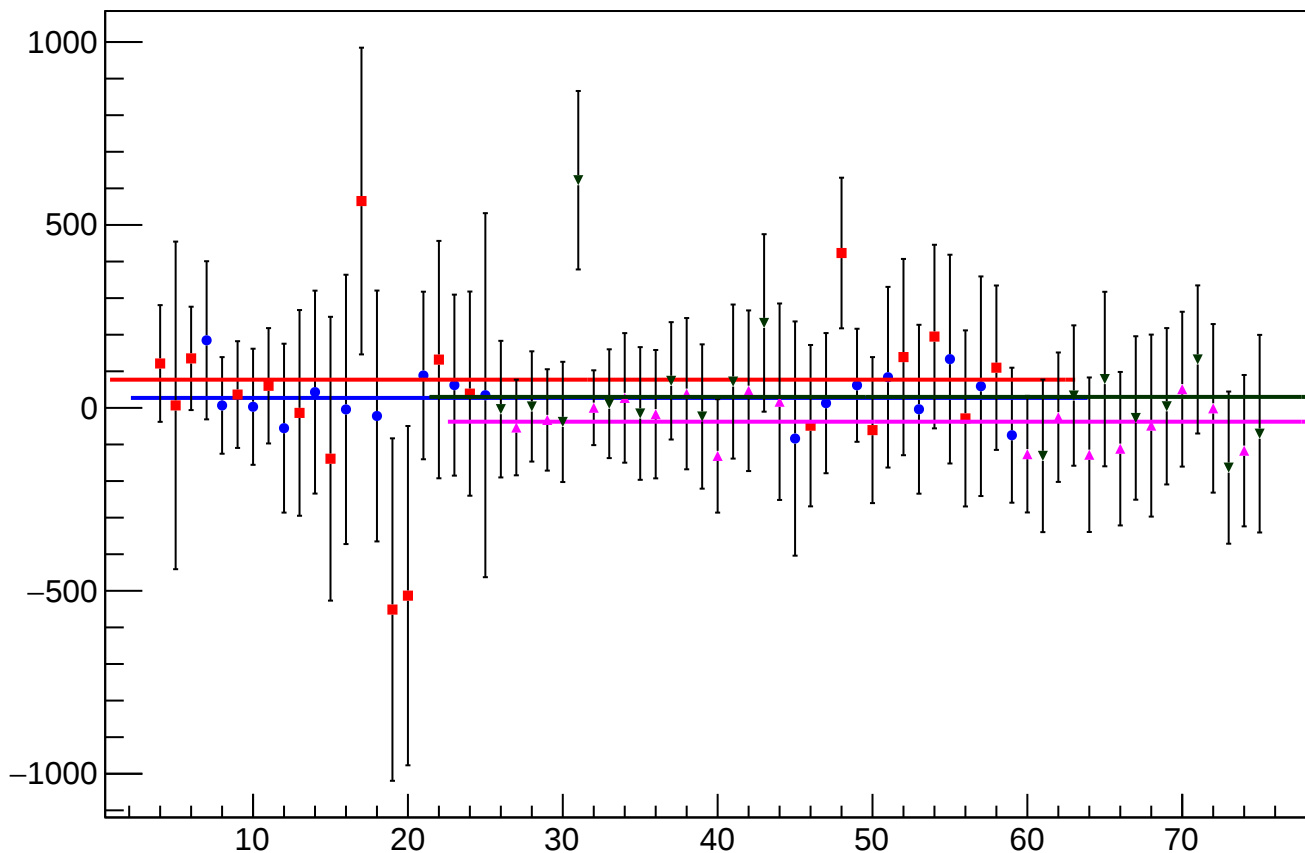
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 16.000+/-0.004 χ^2/NDF : 378912.0/16

13.530+/-0.002 χ^2/NDF : 7456423.0/35

13.250+/-0.002 χ^2/NDF : 7902139.5/35

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 27.225+/-51.816 χ^2/NDF : 1.5/17

Left Out: 30.007+/-45.773 χ^2/NDF : 9.1/17

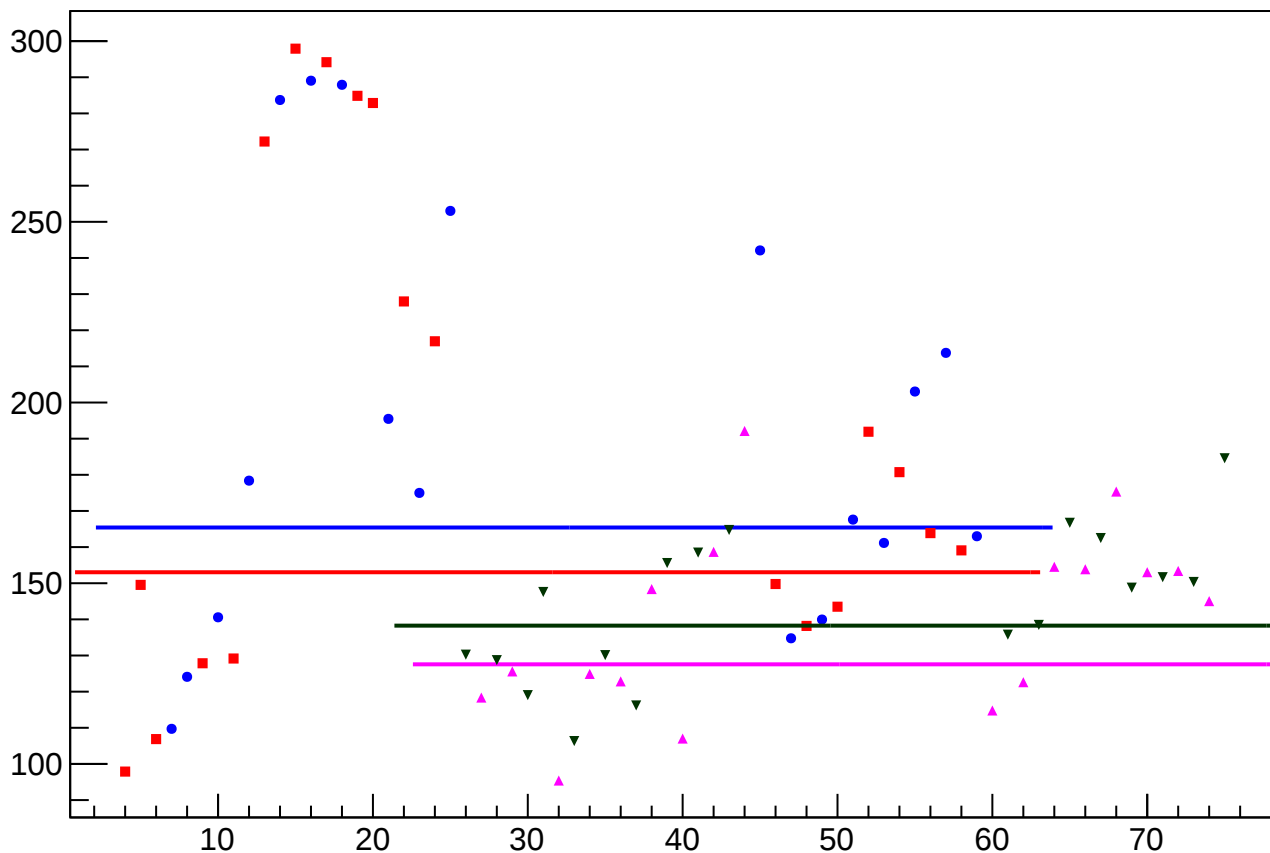
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -37.772+/-41.977 χ^2/NDF : 2.0/16

28.788+/-34.305 χ^2/NDF : 10.6/35

7.887+/-32.585 χ^2/NDF : 14.7/35

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 165.419 $\pm$ 0.037 χ^2/NDF : 1636400.3/17

Left Out: 138.266 $\pm$ 0.032 χ^2/NDF :365430.5/17

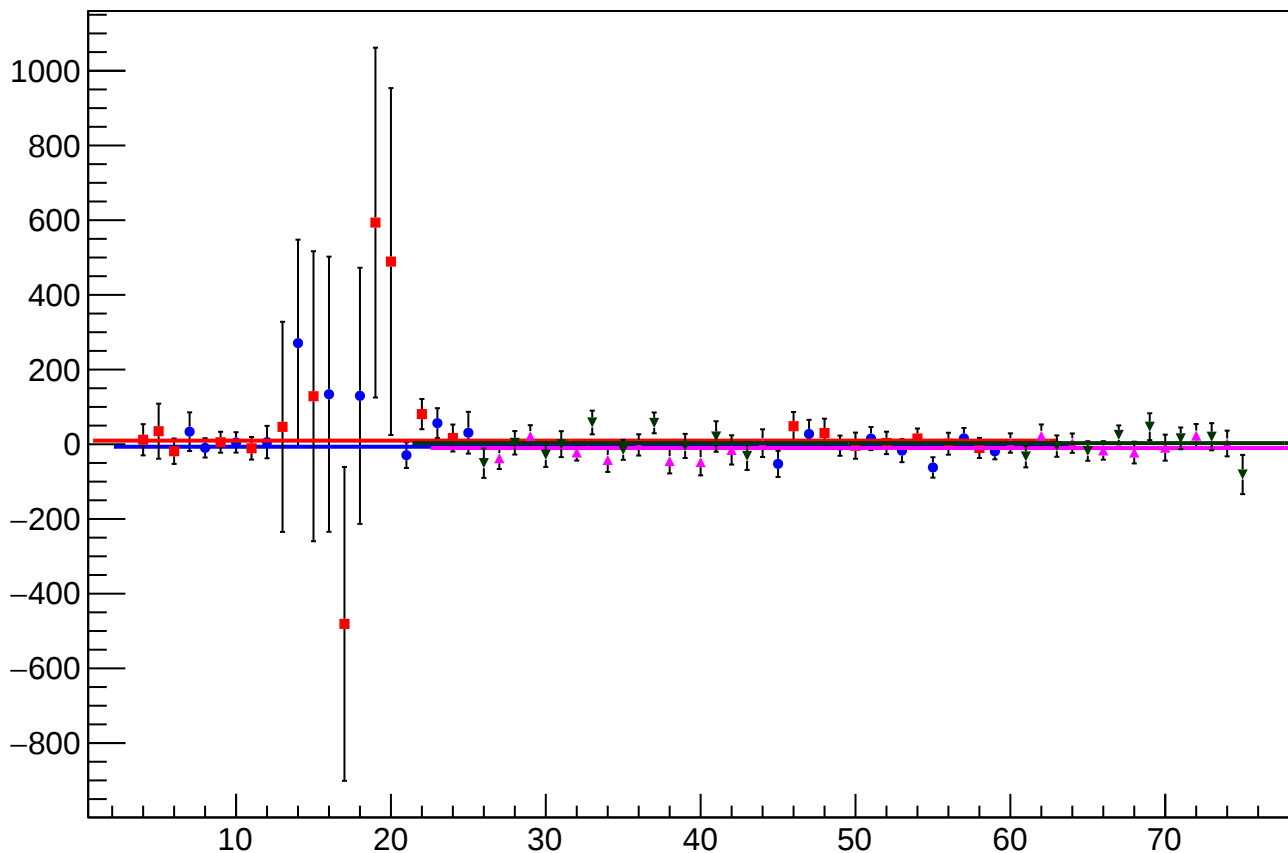
150.167 $\pm$ 0.024 χ^2/NDF : 2310324.6/35

Right Out: 153.039 $\pm$ 0.037 χ^2/NDF : 2037868.3/18

137.686 $\pm$ 0.023 χ^2/NDF : 2972926.1/35

Left In: 127.560 $\pm$ 0.030 χ^2/NDF :642201.6/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -6.569+/-8.065 χ^2/NDF : 13.8/17

Left Out: 3.018+/-7.486 χ^2/NDF :18.5/17

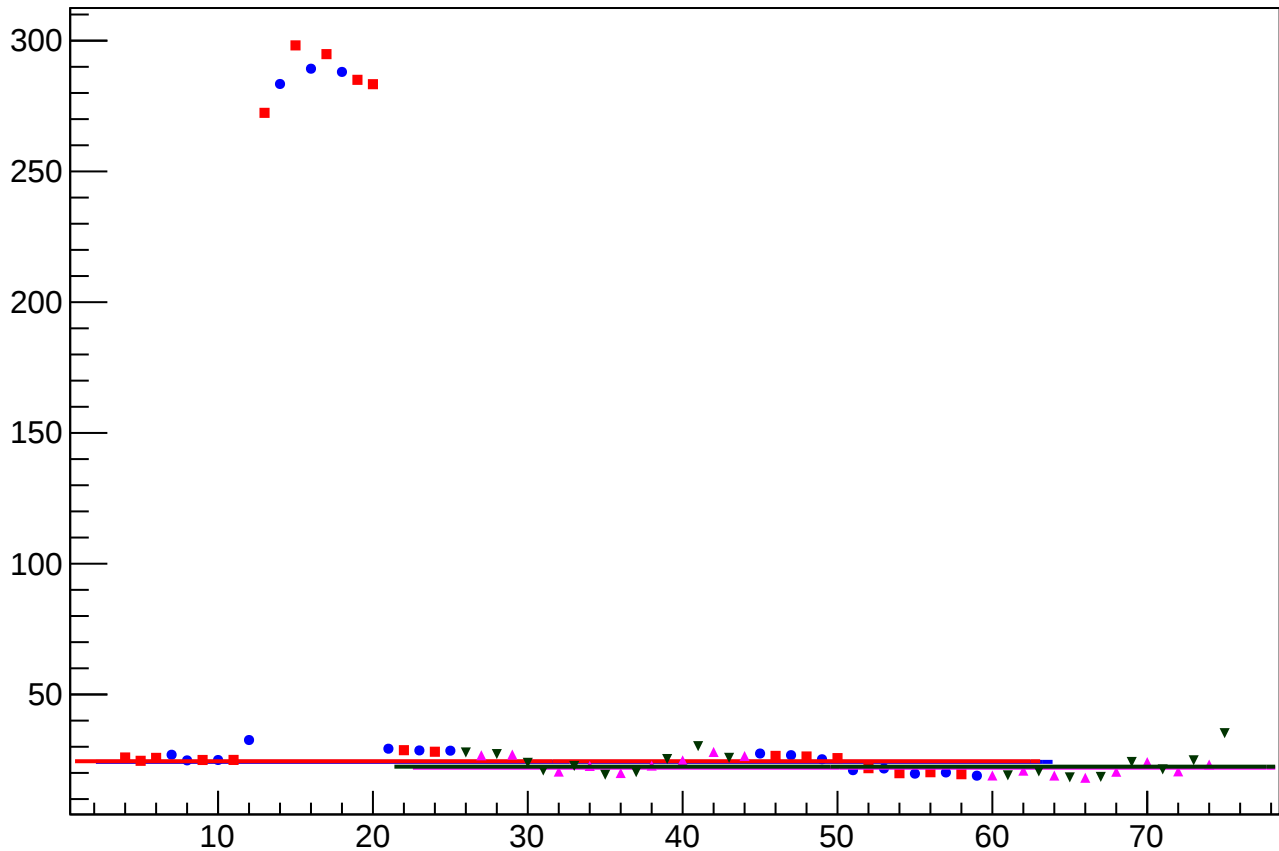
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

Left In: -10.095+/-7.195 χ^2/NDF :9.0/16

-1.419+/-5.487 χ^2/NDF : 33.1/35

-2.248+/-5.595 χ^2/NDF : 22.7/35

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 24.225+/-0.006 χ^2/NDF : 4413051.2/17

Left Out: 22.389+/-0.005 χ^2/NDF : 502784.3/17

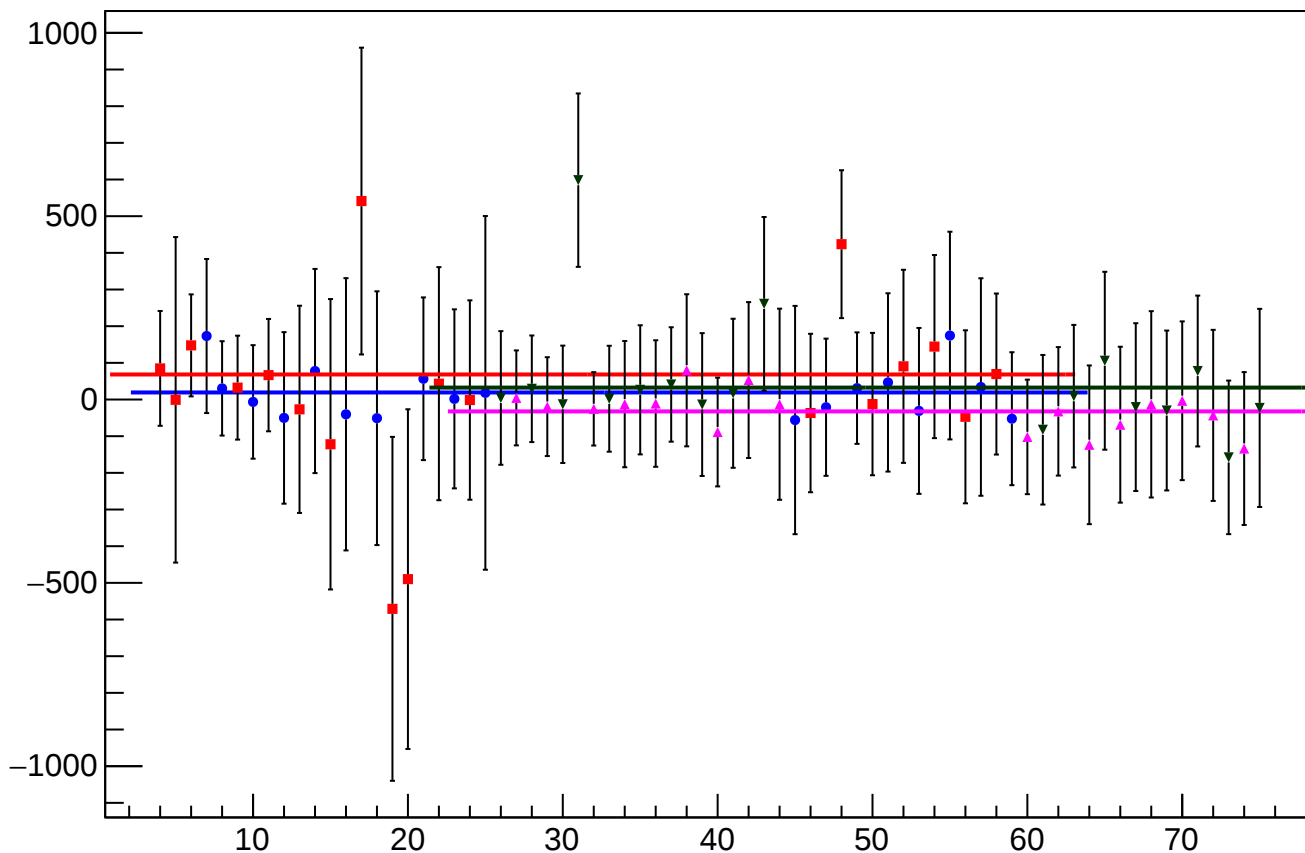
23.239+/-0.004 χ^2/NDF : 4971510.1/35

Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

22.965+/-0.004 χ^2/NDF : 5301161.5/35

Left In: 21.983+/-0.005 χ^2/NDF : 347030.1/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 19.264+/-50.913 χ^2/NDF : 1.4/17

Left Out: 32.560+/-45.092 χ^2/NDF : 8.3/17

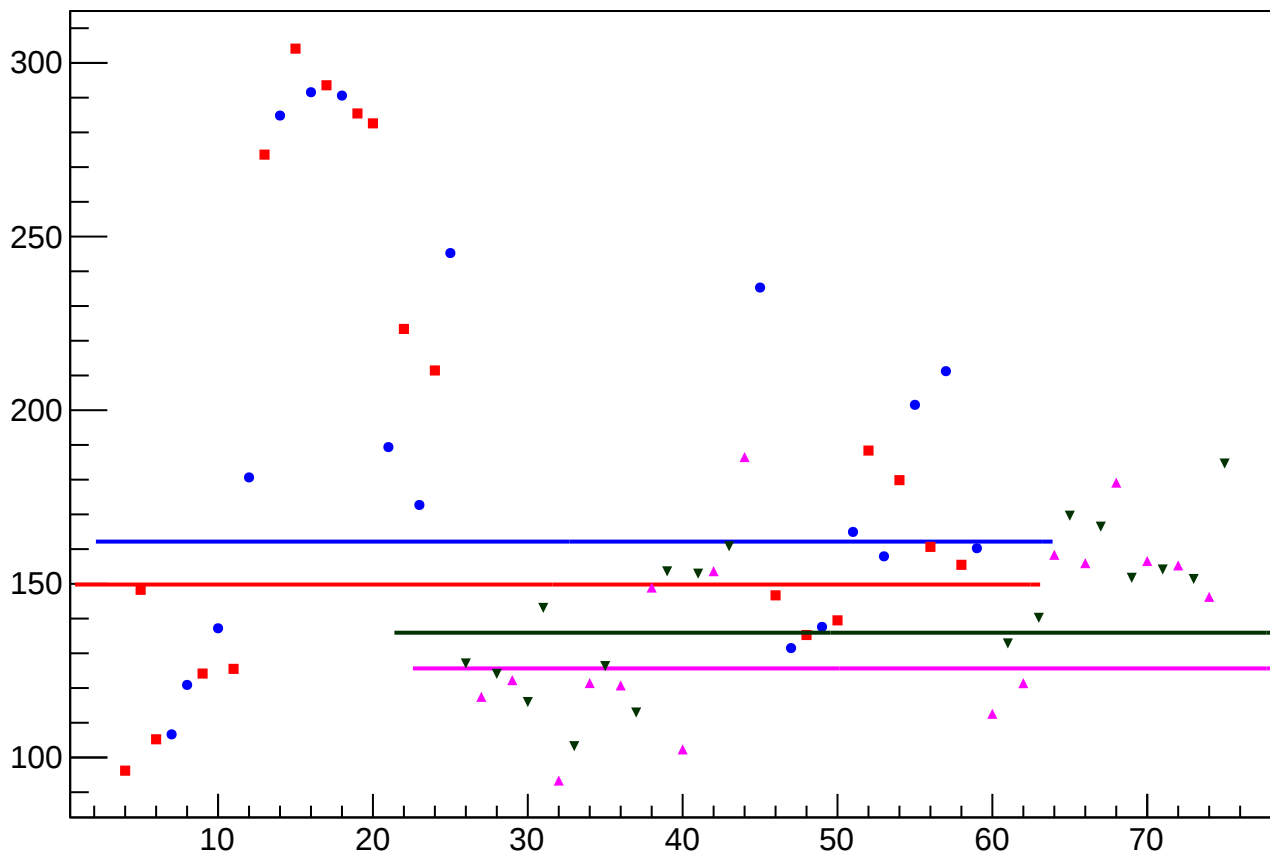
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -32.351+/-41.429 χ^2/NDF : 1.4/16

26.715+/-33.756 χ^2/NDF : 9.8/35

7.940+/-32.083 χ^2/NDF : 13.0/35

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.166 $\pm$ 0.036 χ^2 /NDF: 1720612.8/17

Left Out: 135.930 $\pm$ 0.032 χ^2 /NDF: 432954.0/17

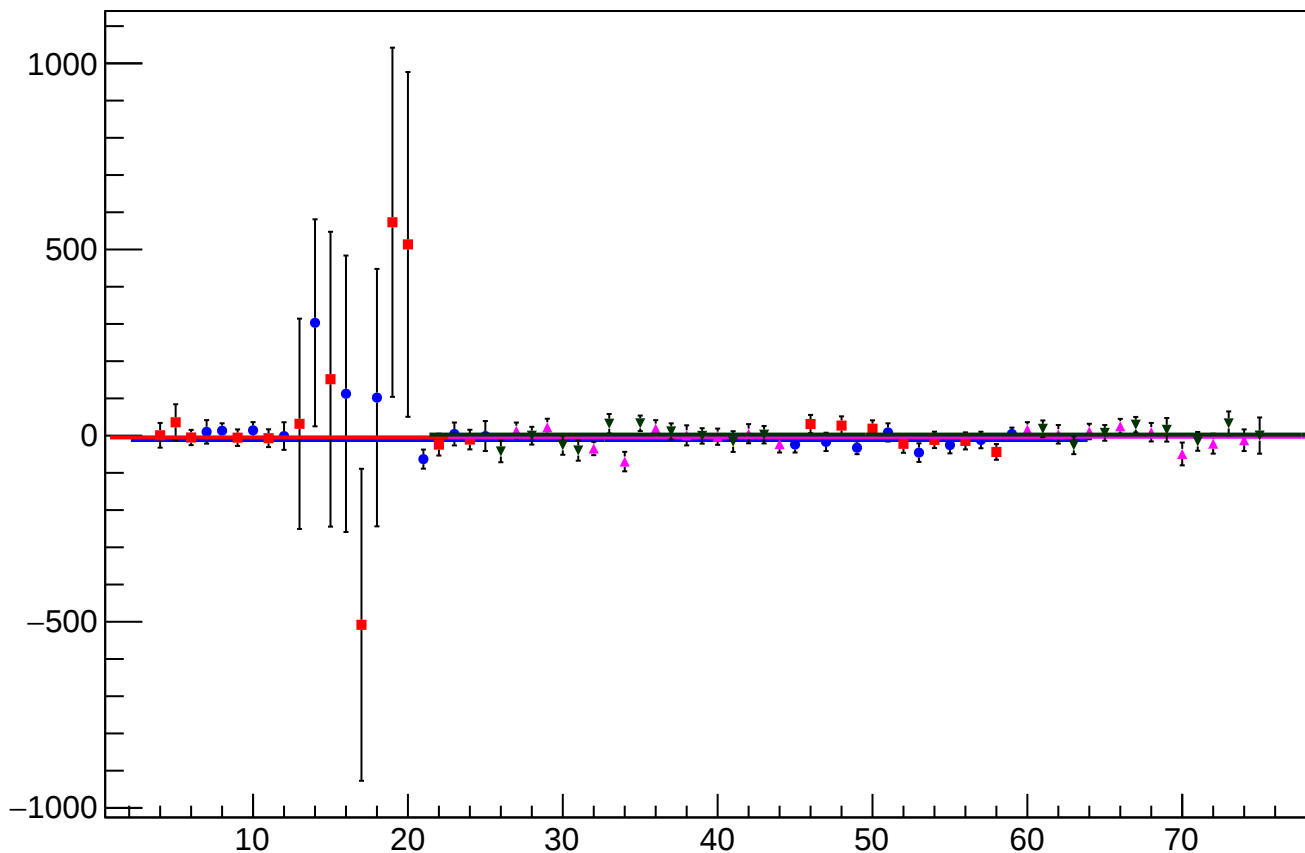
147.463 $\pm$ 0.024 χ^2 /NDF: 2451195.2/35

Right Out: 149.803 $\pm$ 0.036 χ^2 /NDF: 2114602.4/18

135.315 $\pm$ 0.023 χ^2 /NDF: 3108394.9/35

Left In: 125.644 $\pm$ 0.029 χ^2 /NDF: 721553.8/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -11.713 $\pm$ 6.036 χ^2 /NDF: 15.0/17

Left Out: 2.811 $\pm$ 5.833 χ^2 /NDF:15.3/17

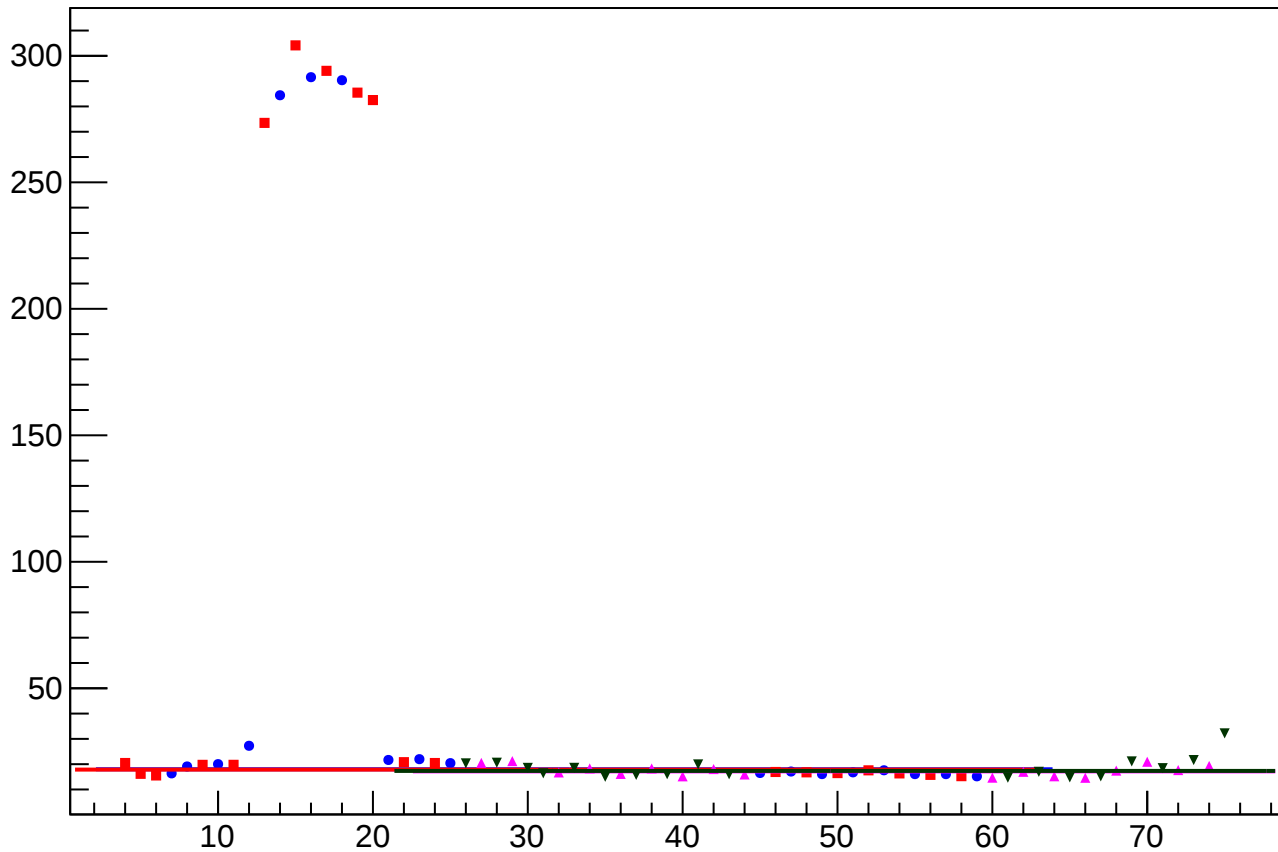
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

Left In: -3.032 $\pm$ 5.632 χ^2 /NDF:19.6/16

-4.202 $\pm$ 4.194 χ^2 /NDF: 33.3/35

-3.803 $\pm$ 4.270 χ^2 /NDF: 34.3/35

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.988+/-0.004 χ^2/NDF : 4525208.5/17

Left Out: 17.335+/-0.004 χ^2/NDF : 469522.9/17

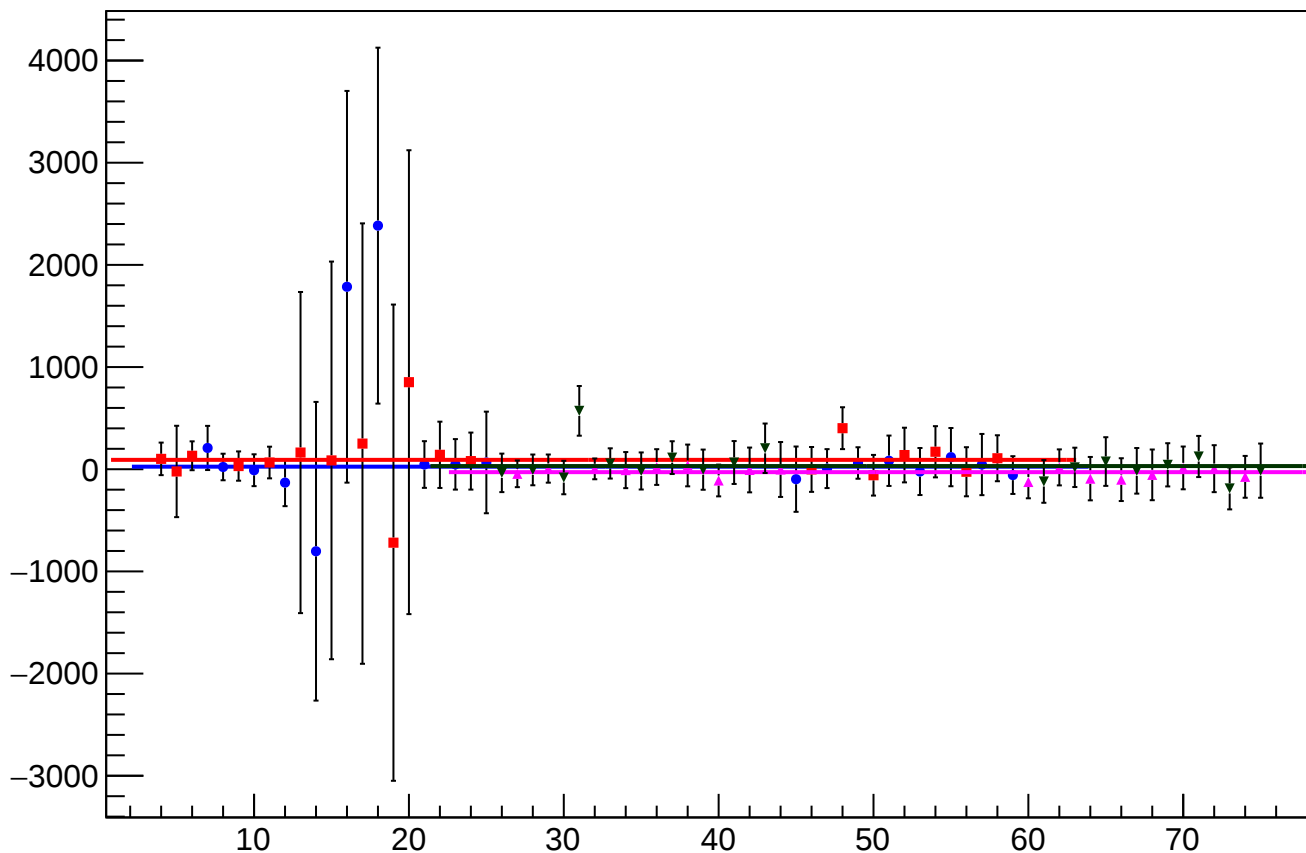
17.650+/-0.003 χ^2/NDF : 5006836.9/35

Right Out: 17.855+/-0.005 χ^2/NDF : 5034119.1/18

17.448+/-0.003 χ^2/NDF : 5315009.9/35

Left In: 17.148+/-0.004 χ^2/NDF : 267500.7/16

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 25.115+/-53.539 χ^2/NDF : 4.9/17

Left Out: 31.004+/-45.656 χ^2/NDF : 8.5/17

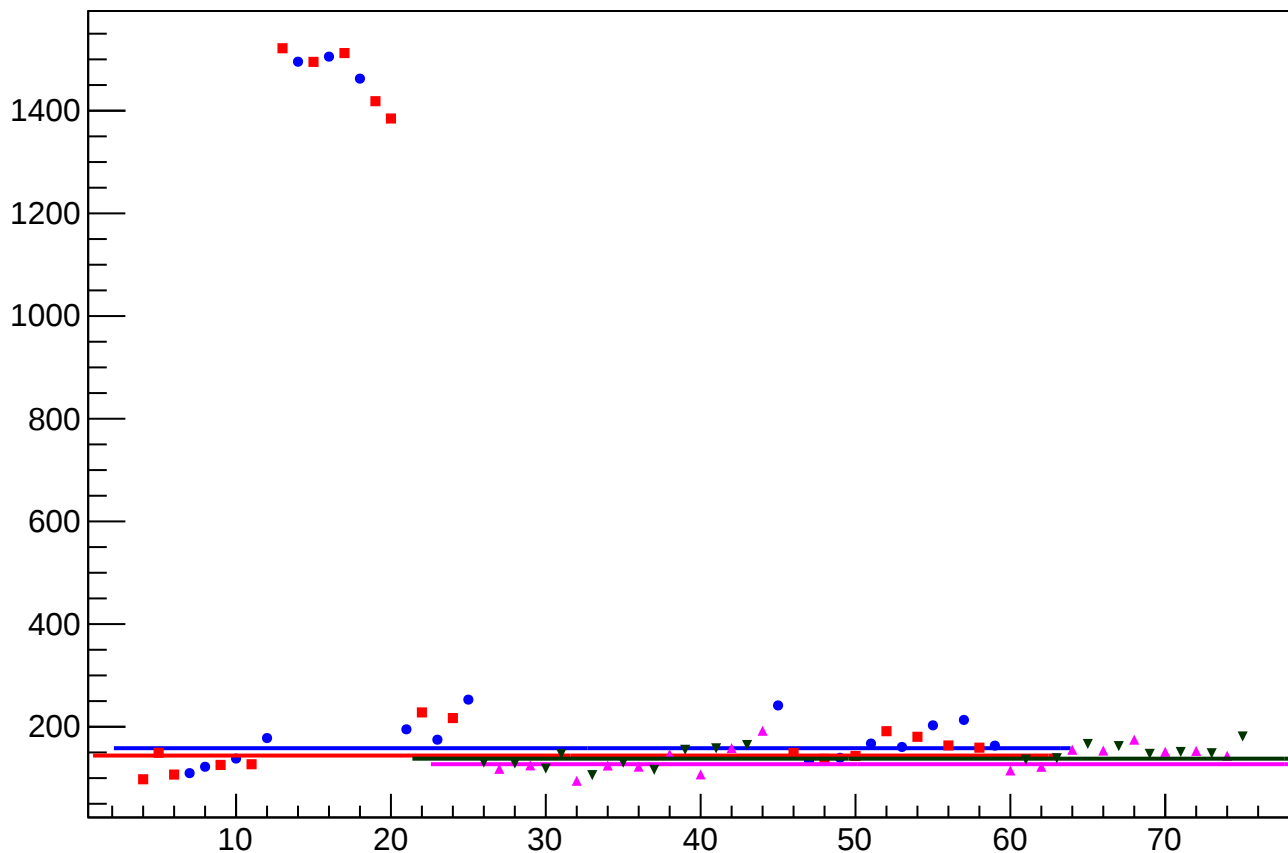
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -28.583+/-41.834 χ^2/NDF : 1.4/16

28.524+/-34.740 χ^2/NDF : 13.4/35

16.743+/-33.030 χ^2/NDF : 8.6/35

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 158.277 $\pm$ 0.038 χ^2 /NDF: 4538983.8/17

Left Out: 137.865 $\pm$ 0.032 χ^2 /NDF: 357527.3/17

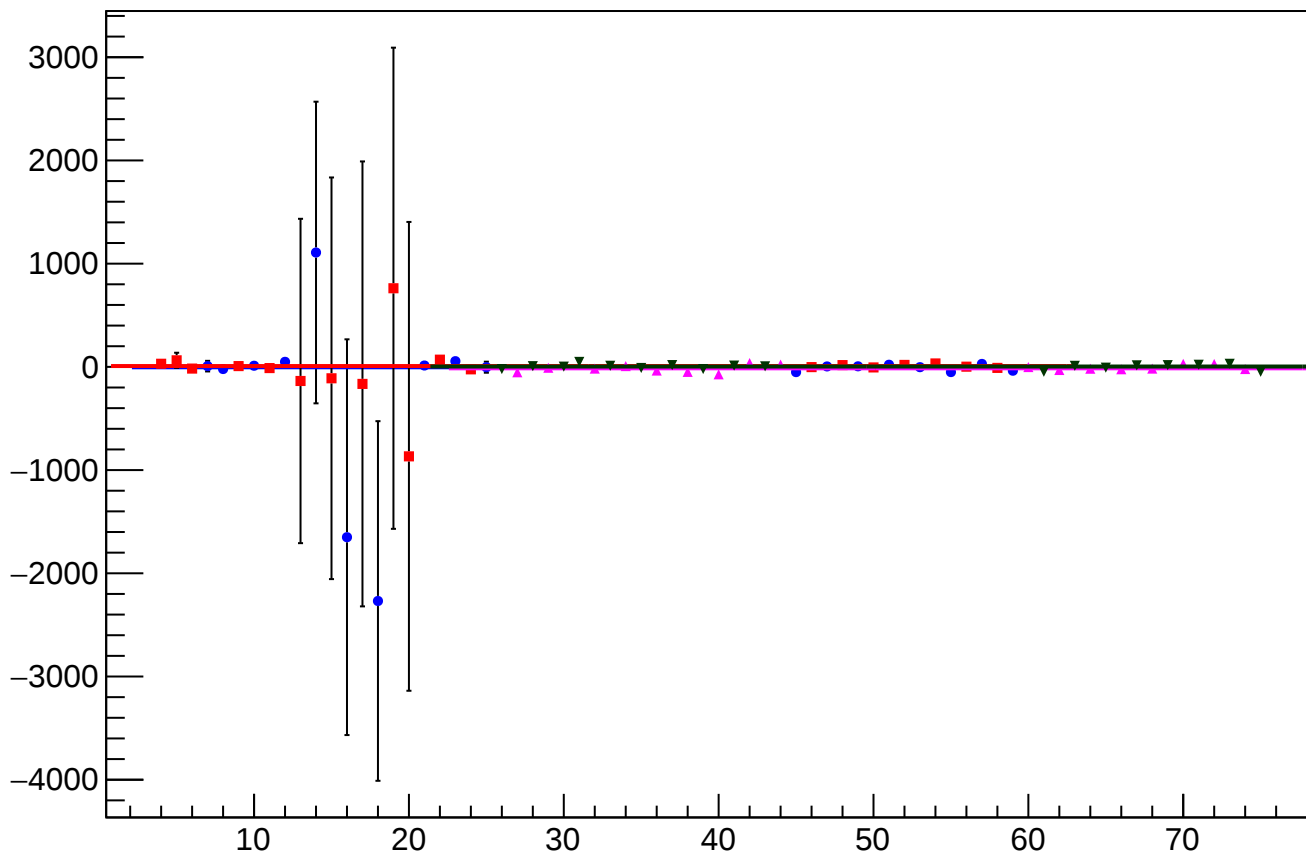
Right Out: 143.939 $\pm$ 0.038 χ^2 /NDF: 5267987.5/18

Left In: 127.110 $\pm$ 0.030 χ^2 /NDF: 642675.5/16

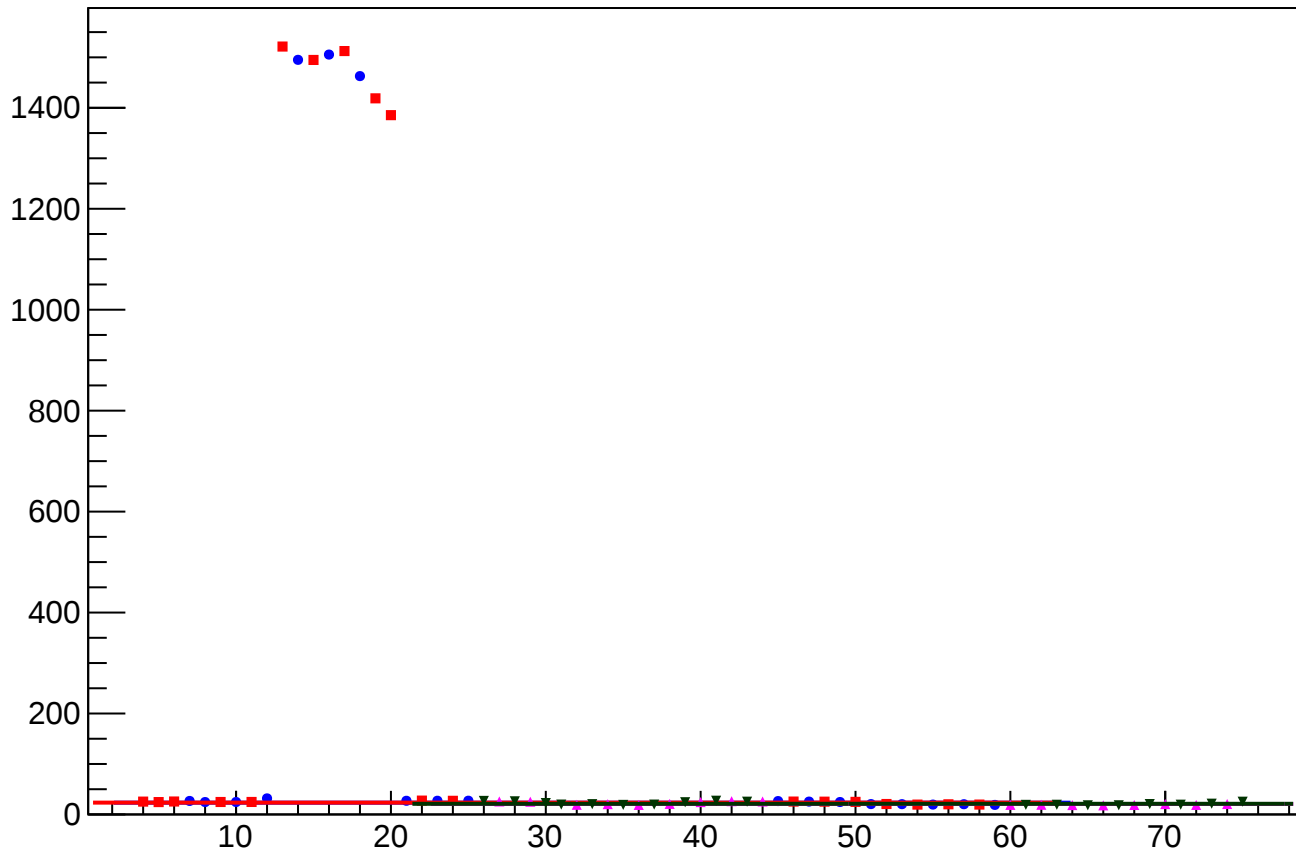
146.459 $\pm$ 0.025 χ^2 /NDF: 5064818.1/35

133.448 $\pm$ 0.023 χ^2 /NDF: 6032553.4/35

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.336+/-0.006 χ^2 /NDF: 4965228.2/17

Left Out: 21.103+/-0.005 χ^2 /NDF:342884.5/17

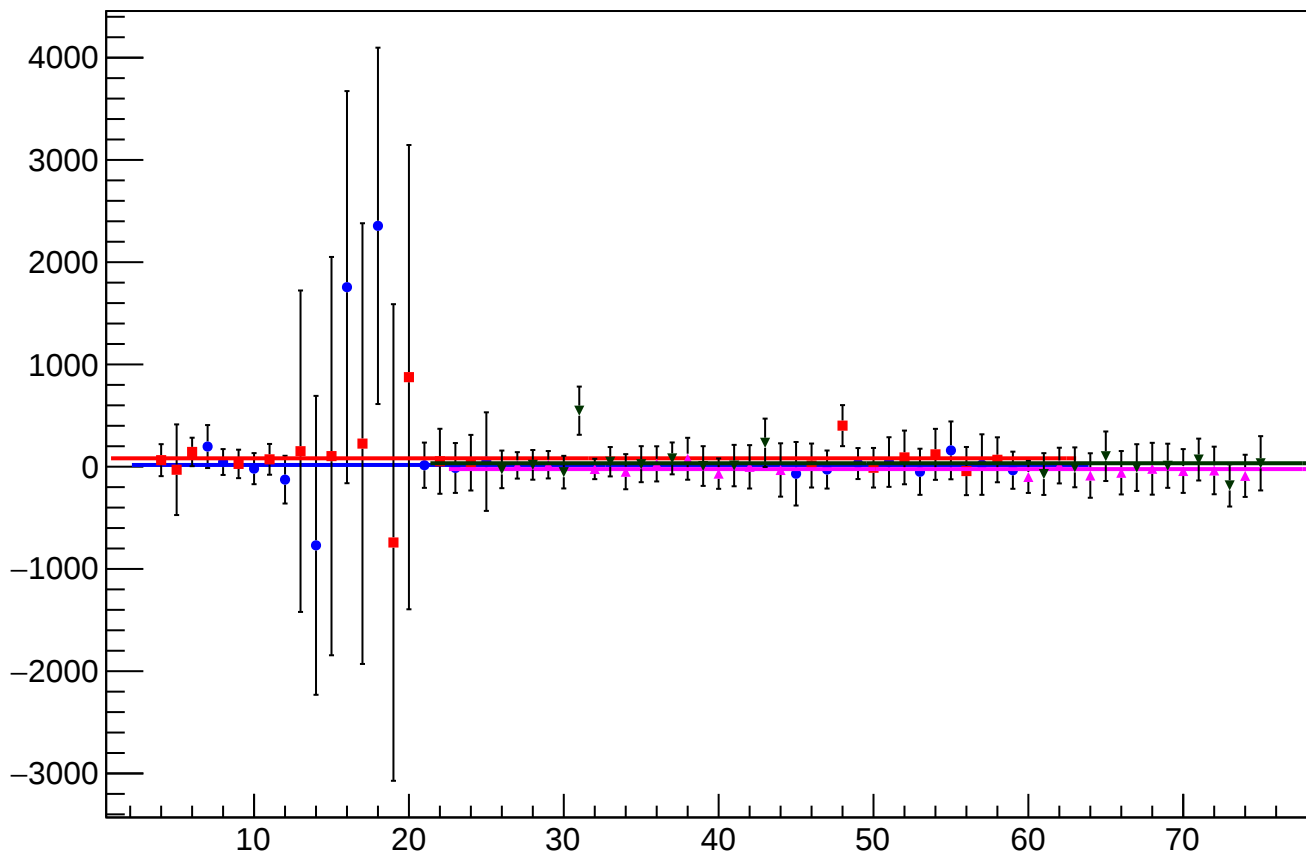
Right Out: 23.445+/-0.006 χ^2 /NDF: 5561556.7/18

Left In: 20.728+/-0.005 χ^2 /NDF:320109.5/16

22.083+/-0.004 χ^2 /NDF: 5398334.4/35

21.742+/-0.004 χ^2 /NDF: 6003430.7/35

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 16.936+/-52.488 χ^2/NDF : 4.7/17

Left Out: 33.734+/-44.976 χ^2/NDF : 7.6/17

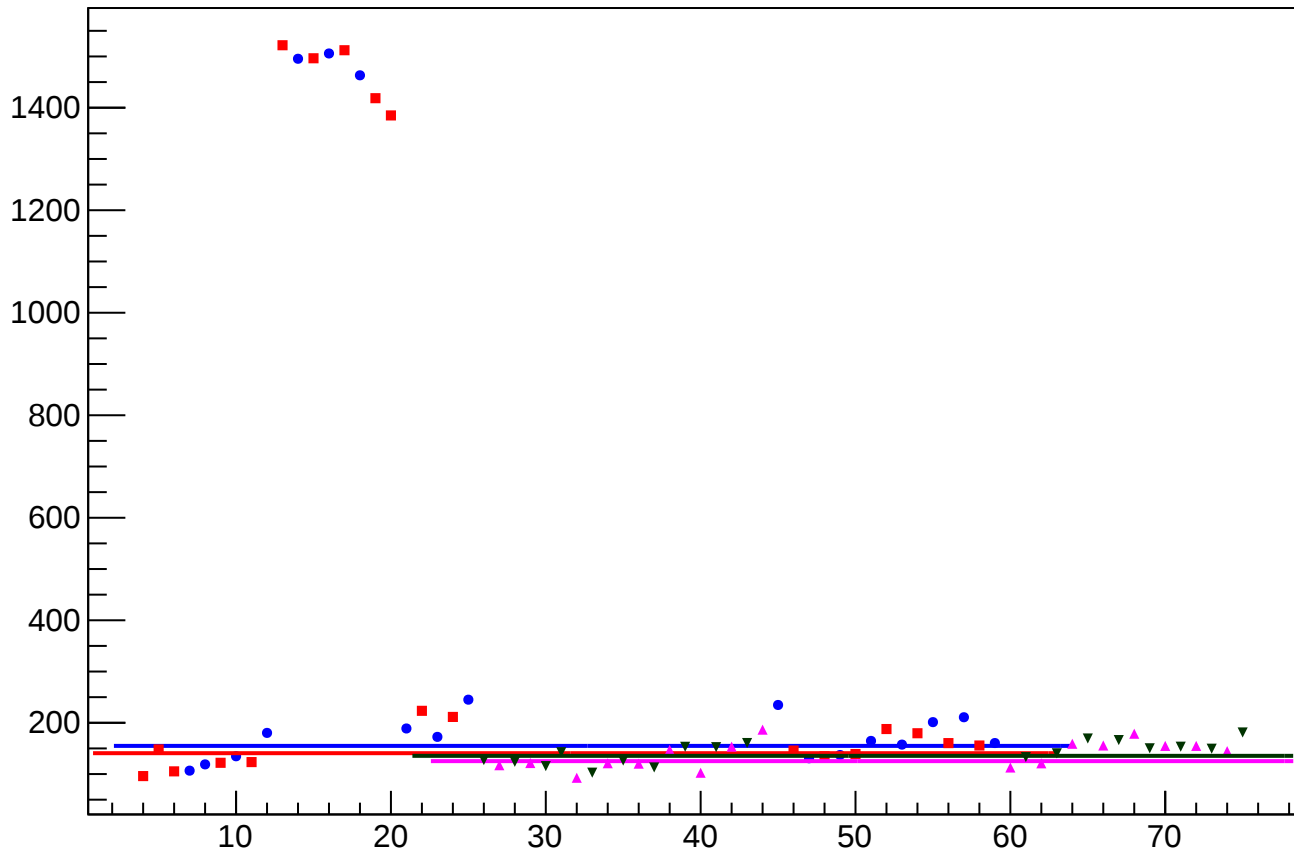
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -23.445+/-41.286 χ^2/NDF : 1.1/16

26.622+/-34.153 χ^2/NDF : 12.4/35

16.654+/-32.492 χ^2/NDF : 7.5/35

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 154.947 $\pm$ 0.037 χ^2 /NDF: 4580594.9/17

Left Out: 135.537 $\pm$ 0.032 χ^2 /NDF: 424487.3/17

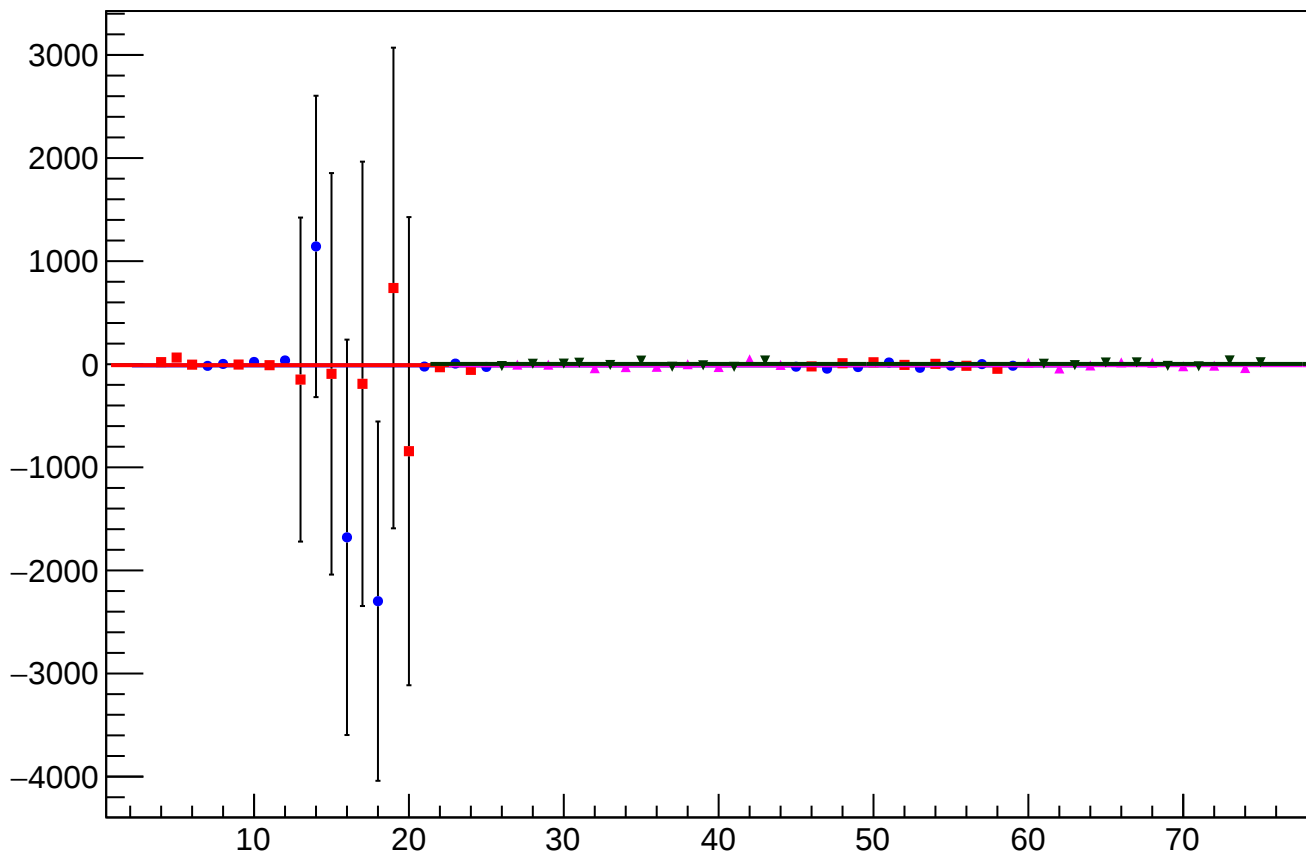
Right Out: 140.710 $\pm$ 0.037 χ^2 /NDF: 5291988.7/18

Left In: 125.195 $\pm$ 0.029 χ^2 /NDF: 722083.3/16

143.755 $\pm$ 0.024 χ^2 /NDF: 5162797.9/35

131.100 $\pm$ 0.023 χ^2 /NDF: 6121567.7/35

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -11.332 $\pm$ 5.773 χ^2 /NDF: 15.0/17

Left Out: 3.075 $\pm$ 5.348 χ^2 /NDF:14.5/17

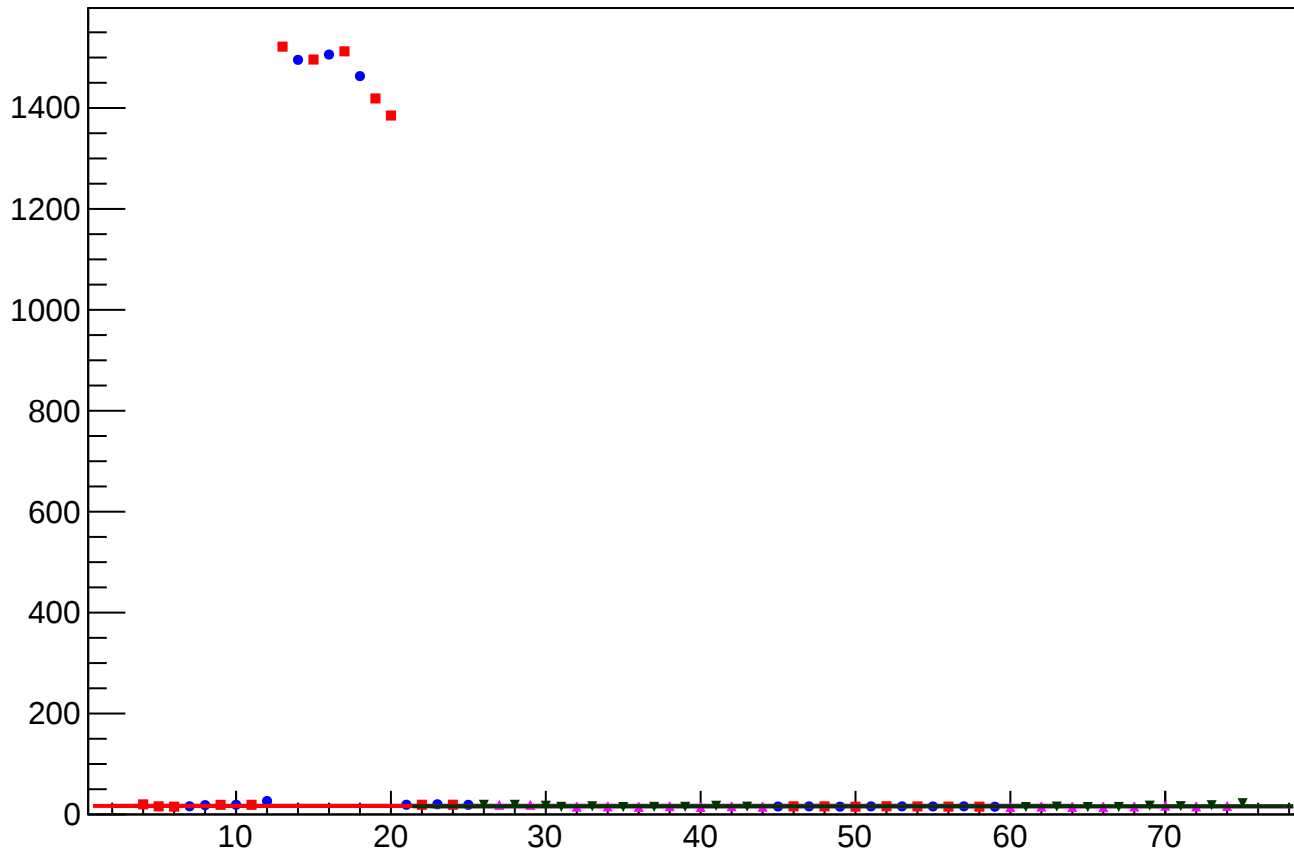
Right Out: -8.864 $\pm$ 6.293 χ^2 /NDF: 13.3/18

Left In: -9.695 $\pm$ 5.182 χ^2 /NDF:19.5/16

-3.578 $\pm$ 3.923 χ^2 /NDF: 32.8/35

-9.359 $\pm$ 4.001 χ^2 /NDF: 32.8/35

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.094+/-0.004 χ^2/NDF : 4922010.4/17

Left Out: 16.208+/-0.004 χ^2/NDF : 216330.8/17

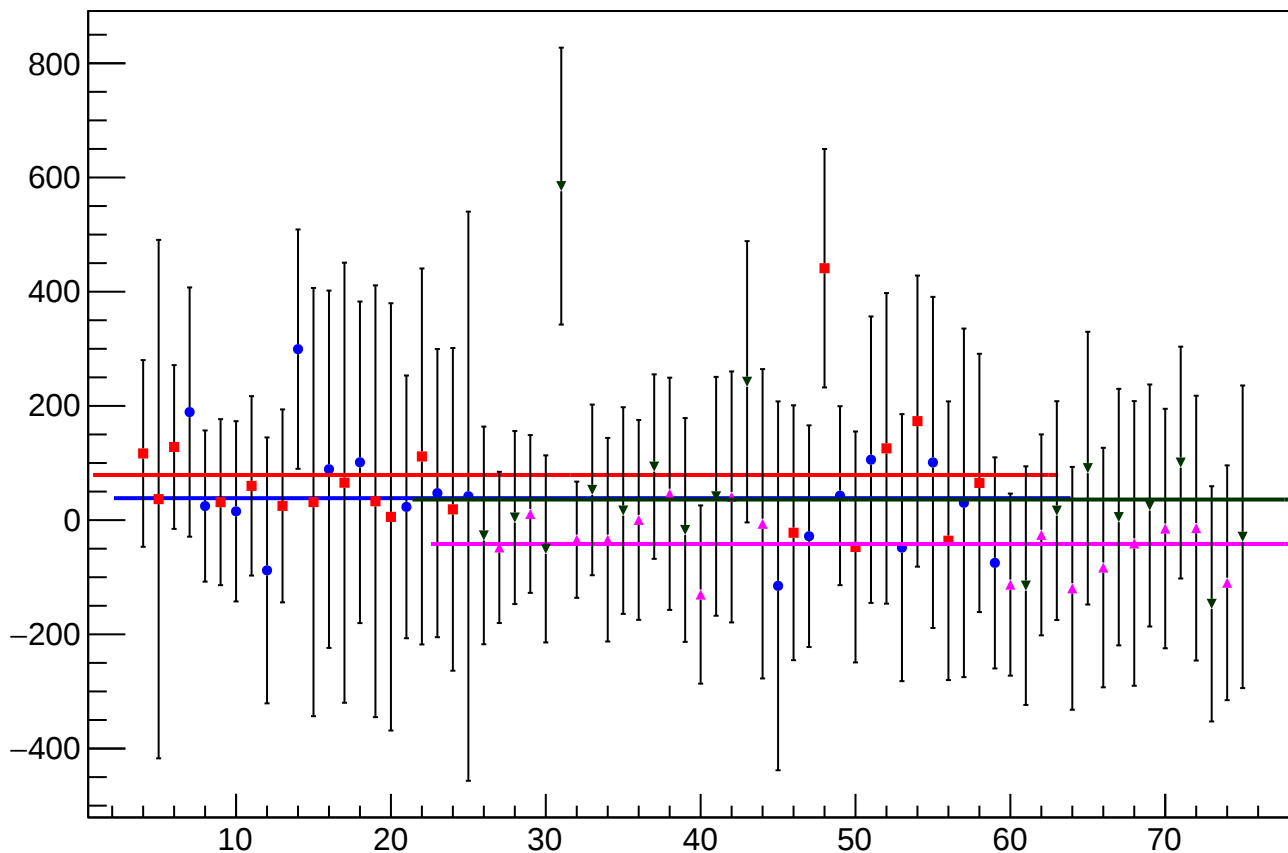
Right Out: 16.920+/-0.004 χ^2/NDF : 5539958.1/18

Left In: 16.012+/-0.004 χ^2/NDF : 147936.1/16

16.617+/-0.003 χ^2/NDF : 5163700.1/35

16.379+/-0.003 χ^2/NDF : 5712674.6/35

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 38.450+/-51.040 χ^2/NDF : 3.4/17

Left Out: 36.054+/-45.819 χ^2/NDF : 8.0/17

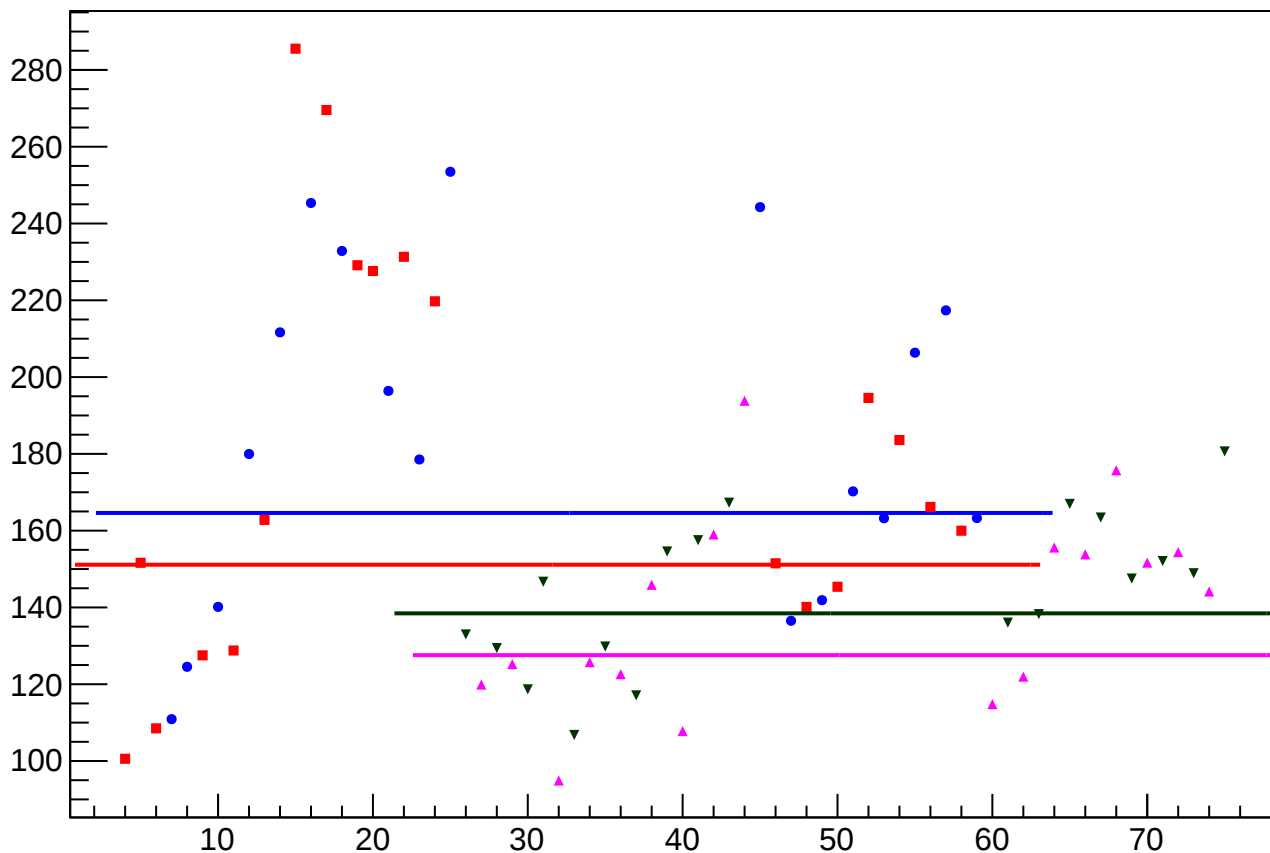
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -41.741+/-41.984 χ^2/NDF : 1.4/16

37.123+/-34.096 χ^2/NDF : 11.5/35

7.946+/-32.214 χ^2/NDF : 9.3/35

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 164.613 $\pm$ 0.036 χ^2 /NDF: 1128549.0/17

Left Out: 138.461 $\pm$ 0.032 χ^2 /NDF: 349257.1/17

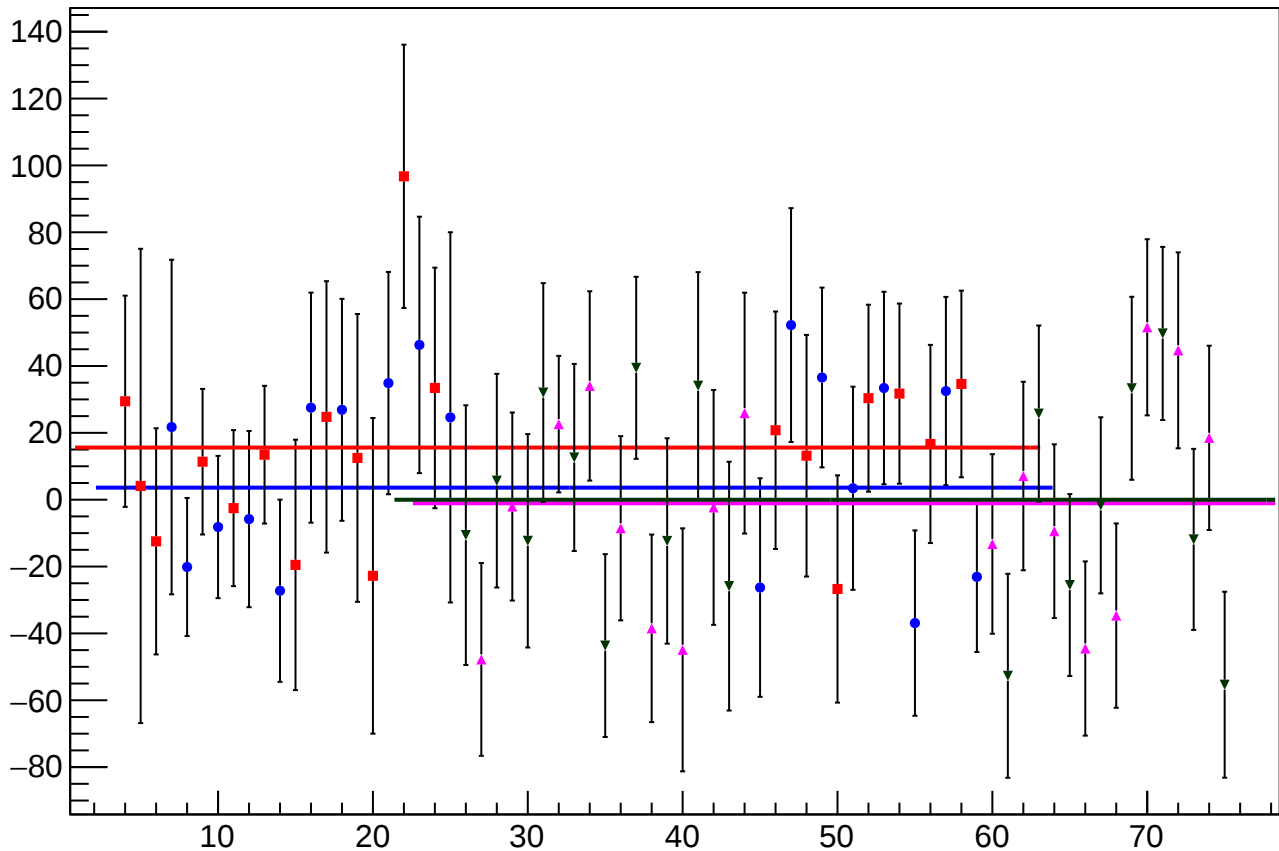
150.131 $\pm$ 0.024 χ^2 /NDF: 1768556.4/35

Right Out: 151.124 $\pm$ 0.036 χ^2 /NDF: 1423423.3/18

137.262 $\pm$ 0.023 χ^2 /NDF: 2327897.7/35

Left In: 127.579 $\pm$ 0.030 χ^2 /NDF: 645790.0/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 3.606 ± 6.842 $\chi^2/\text{NDF}: 16.3/17$

Left Out: -0.013 ± 6.908 $\chi^2/\text{NDF}: 21.9/17$

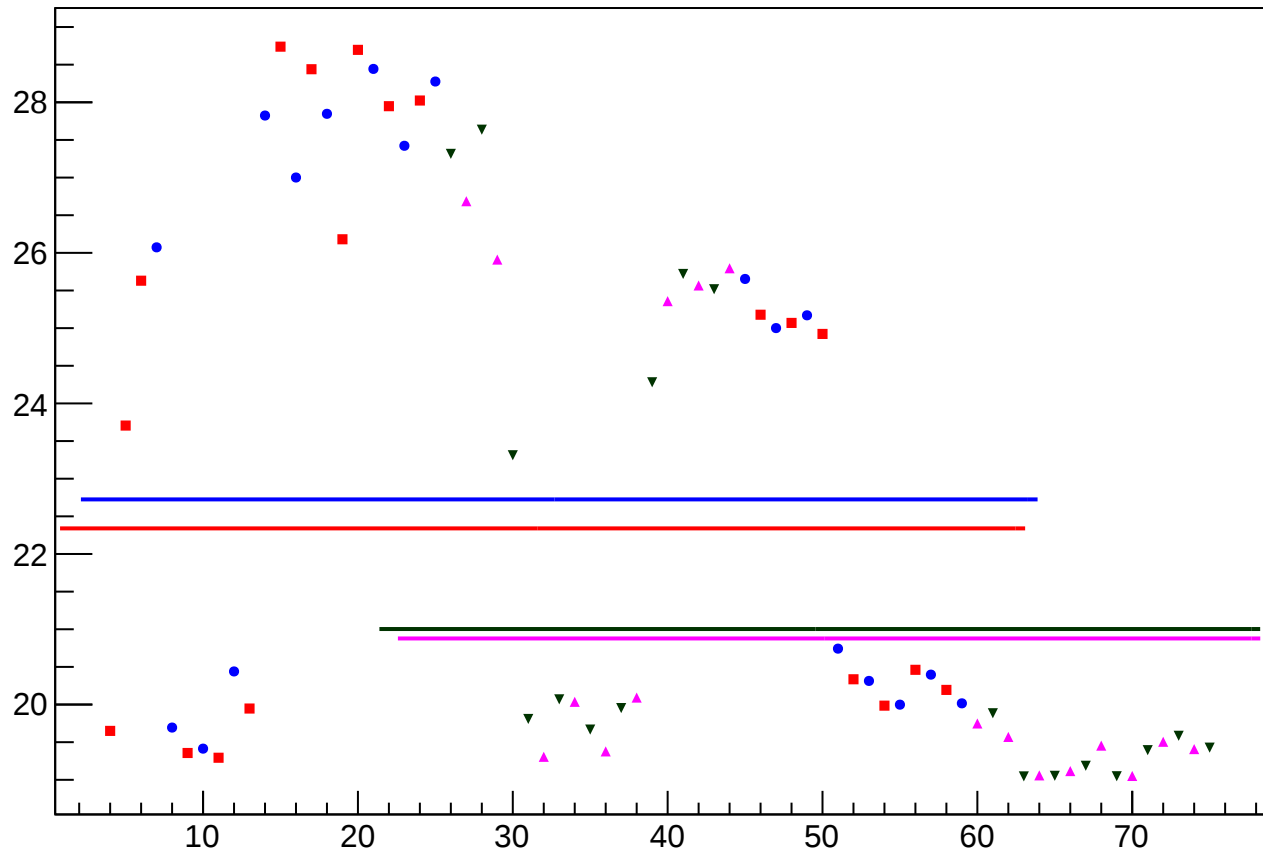
Right Out: 15.596 ± 7.143 $\chi^2/\text{NDF}: 10.3/18$

Left In: -1.068 ± 6.762 $\chi^2/\text{NDF}: 21.0/16$

1.814 ± 4.861 $\chi^2/\text{NDF}: 38.3/35$

6.808 ± 4.911 $\chi^2/\text{NDF}: 34.2/35$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 22.725+/-0.005 χ^2/NDF : 498774.9/17

Left Out: 21.003+/-0.005 χ^2/NDF : 316128.8/17

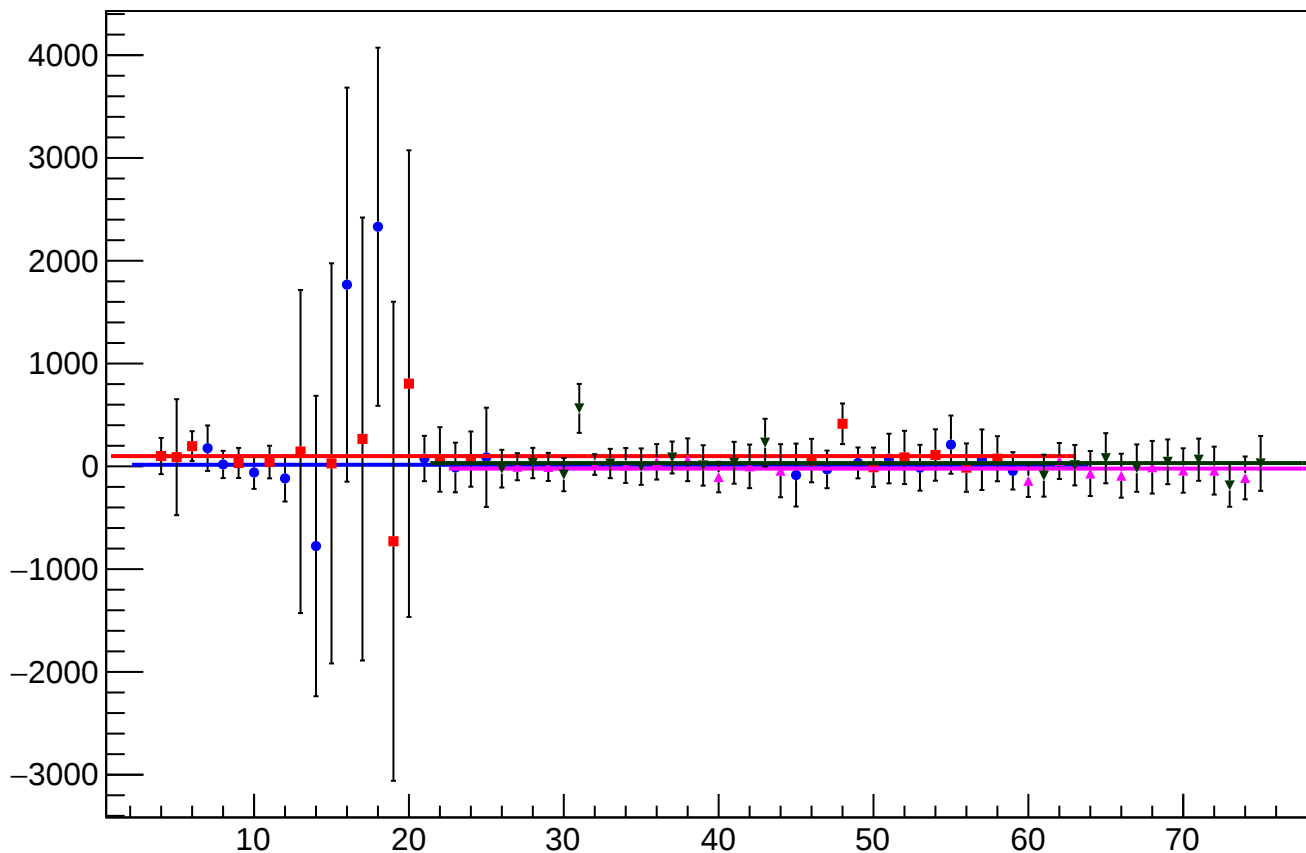
21.872+/-0.003 χ^2/NDF : 877627.7/35

Right Out: 22.340+/-0.005 χ^2/NDF : 460008.2/18

21.569+/-0.003 χ^2/NDF : 825535.6/35

Left In: 20.878+/-0.005 χ^2/NDF : 321333.2/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 15.197+/-53.019 χ^2/NDF : 5.0/17

Left Out: 31.743+/-45.169 χ^2/NDF : 8.1/17

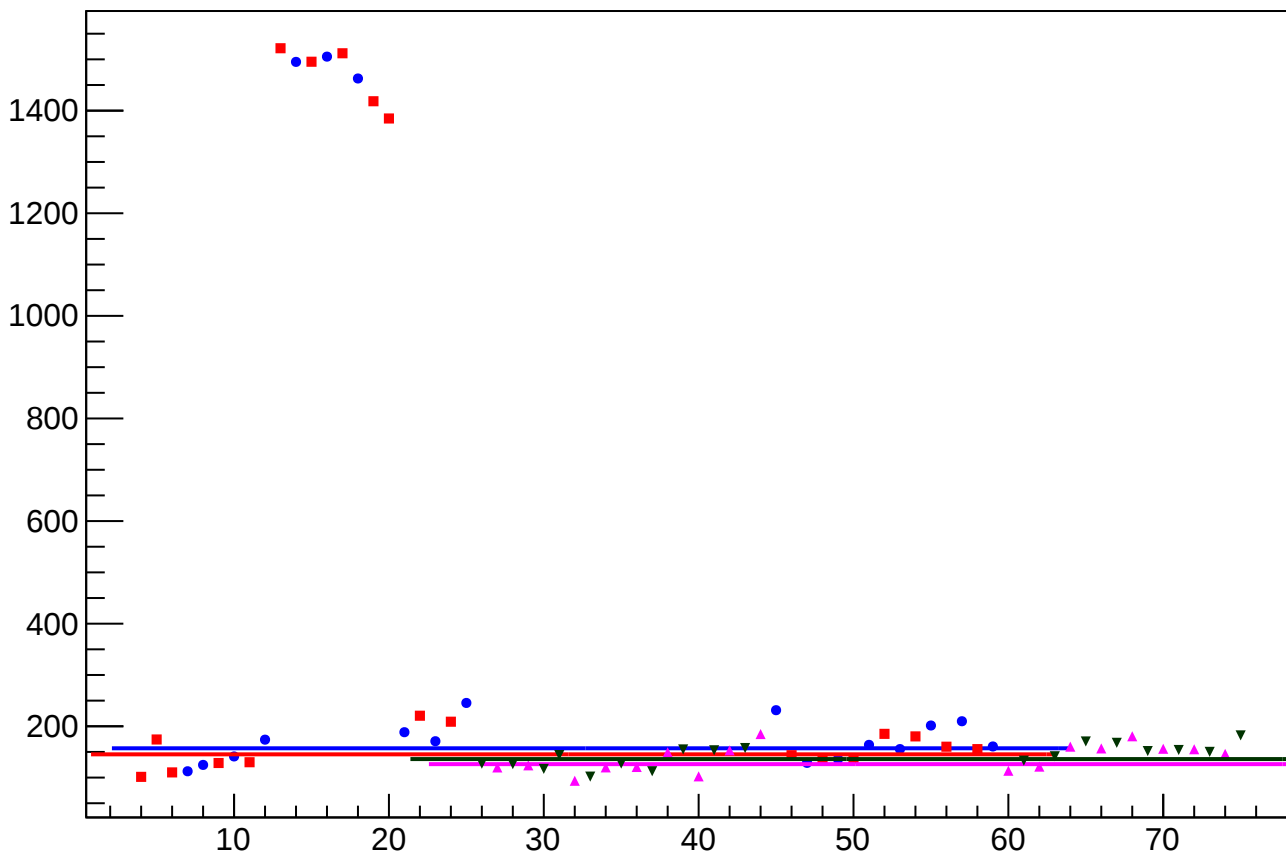
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

Left In: -21.905+/-41.598 χ^2/NDF : 2.0/16

24.784+/-34.383 χ^2/NDF : 13.1/35

23.014+/-33.019 χ^2/NDF : 9.3/35

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 157.088+/-0.037 χ^2/NDF : 4456786.2/17

Left Out: 136.084+/-0.032 χ^2/NDF : 434003.4/17

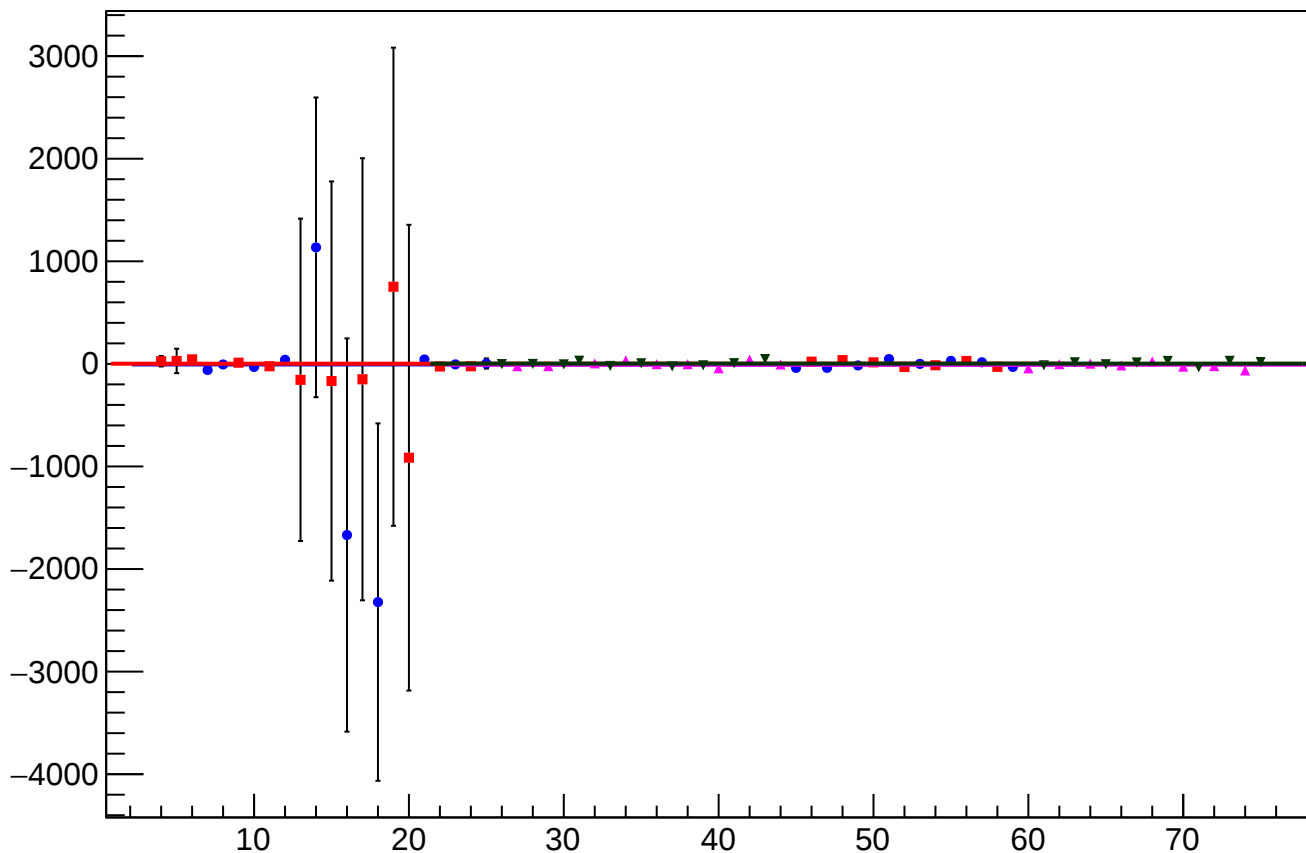
144.917+/-0.024 χ^2/NDF : 5072678.4/35

Right Out: 145.299+/-0.038 χ^2/NDF : 5124139.9/18

133.264+/-0.023 χ^2/NDF : 5991926.4/35

Left In: 126.197+/-0.029 χ^2/NDF : 711764.5/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -5.662+/-7.390 χ^2/NDF : 18.7/17

Left Out: 2.725+/-6.890 χ^2/NDF : 9.4/17

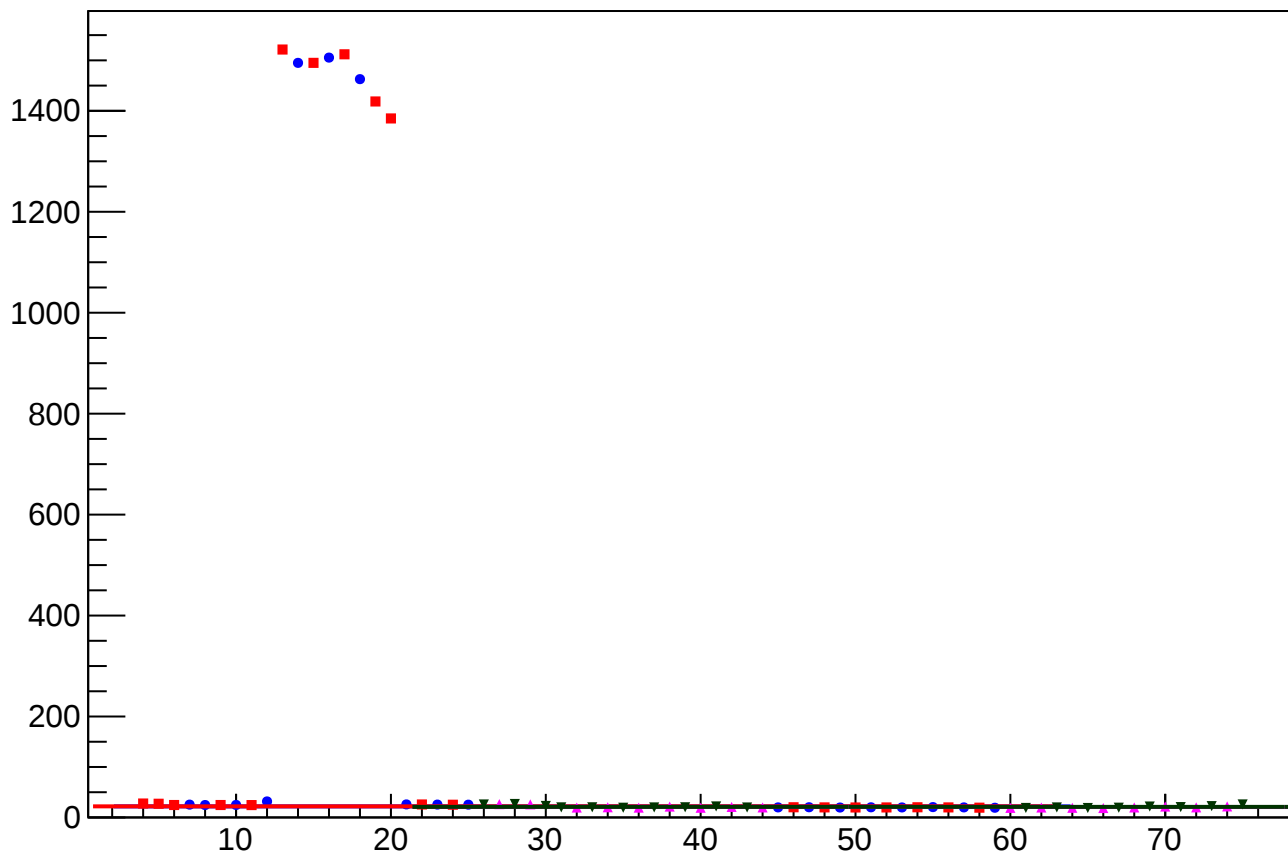
Right Out: 1.722+/-8.261 χ^2/NDF : 10.4/18

Left In: -8.665+/-6.679 χ^2/NDF : 15.0/16

-1.176+/-5.039 χ^2/NDF : 28.9/35

-4.559+/-5.194 χ^2/NDF : 26.3/35

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 21.918 $\pm$ 0.005 χ^2 /NDF: 4931747.1/17

Left Out: 20.940 $\pm$ 0.005 χ^2 /NDF: 206577.0/17

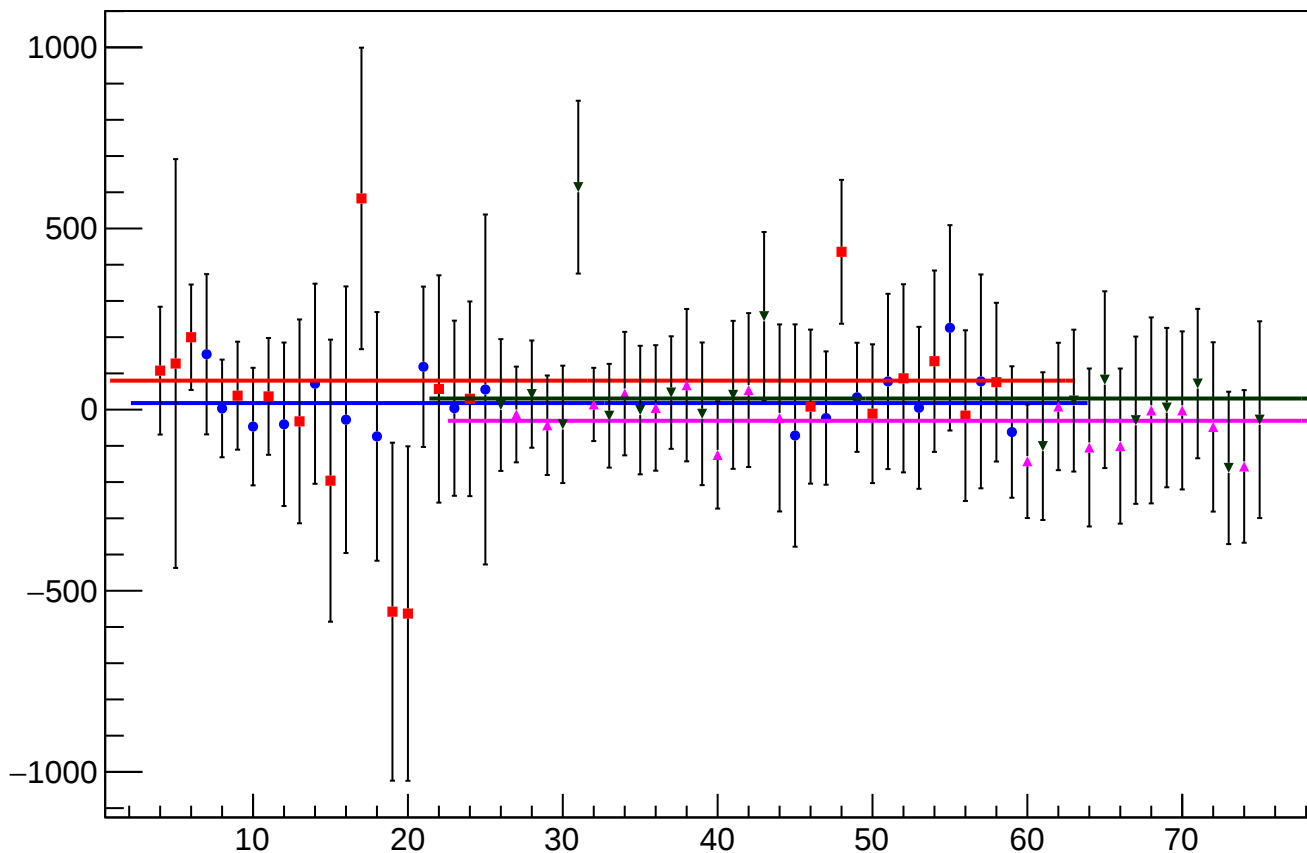
Right Out: 21.987 $\pm$ 0.006 χ^2 /NDF: 5559967.3/18

Left In: 20.648 $\pm$ 0.005 χ^2 /NDF: 206051.7/16

21.395 $\pm$ 0.004 χ^2 /NDF: 5157079.0/35

21.177 $\pm$ 0.004 χ^2 /NDF: 5797777.4/35

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 18.106 $\pm$ 51.332 χ^2 /NDF: 1.9/17

Left Out: 30.702 $\pm$ 45.280 χ^2 /NDF:8.8/17

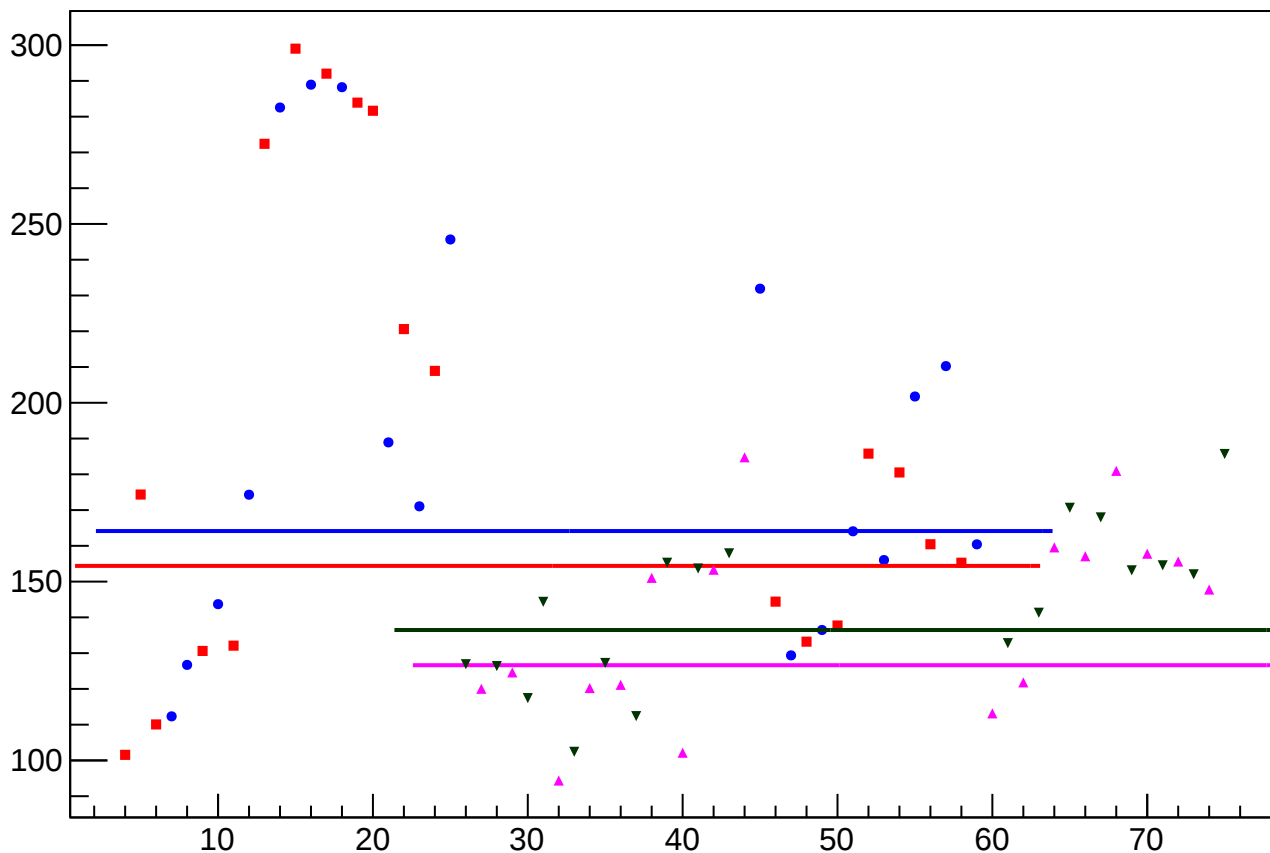
Right Out: 80.043 $\pm$ 52.081 χ^2 /NDF: 10.6/18

Left In: -30.814 $\pm$ 41.736 χ^2 /NDF:2.4/16

25.190 $\pm$ 33.957 χ^2 /NDF: 10.8/35

12.537 $\pm$ 32.569 χ^2 /NDF: 15.8/35

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 164.140 $\pm$ 0.036 χ^2 /NDF: 1566554.6/17

Left Out: 136.465 $\pm$ 0.032 χ^2 /NDF: 442386.5/17

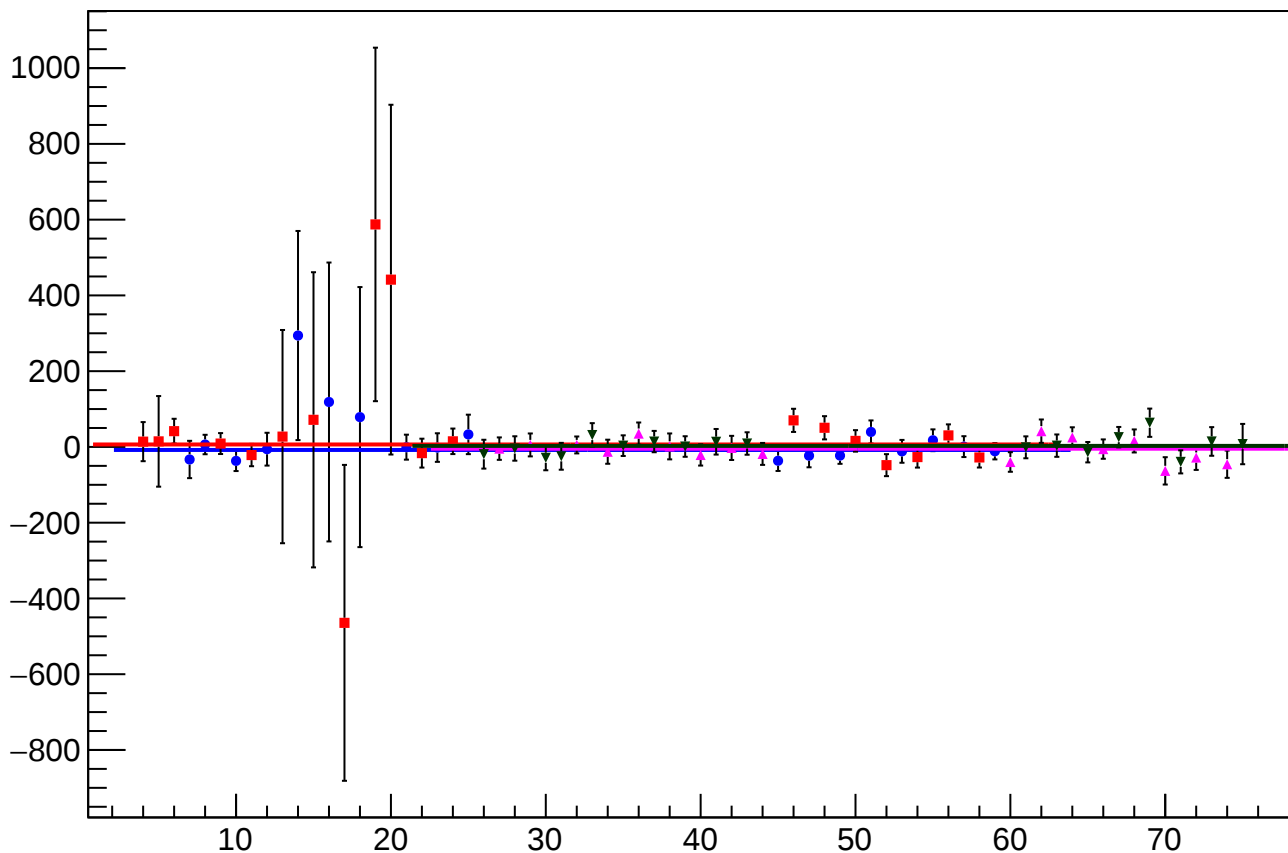
148.576 $\pm$ 0.024 χ^2 /NDF: 2335870.5/35

Right Out: 154.395 $\pm$ 0.037 χ^2 /NDF: 1875575.3/18

137.486 $\pm$ 0.023 χ^2 /NDF: 2933701.2/35

Left In: 126.628 $\pm$ 0.030 χ^2 /NDF: 711945.3/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.981+/-7.603 χ^2/NDF : 9.0/17

Left Out: 2.730+/-7.390 χ^2/NDF : 8.9/17

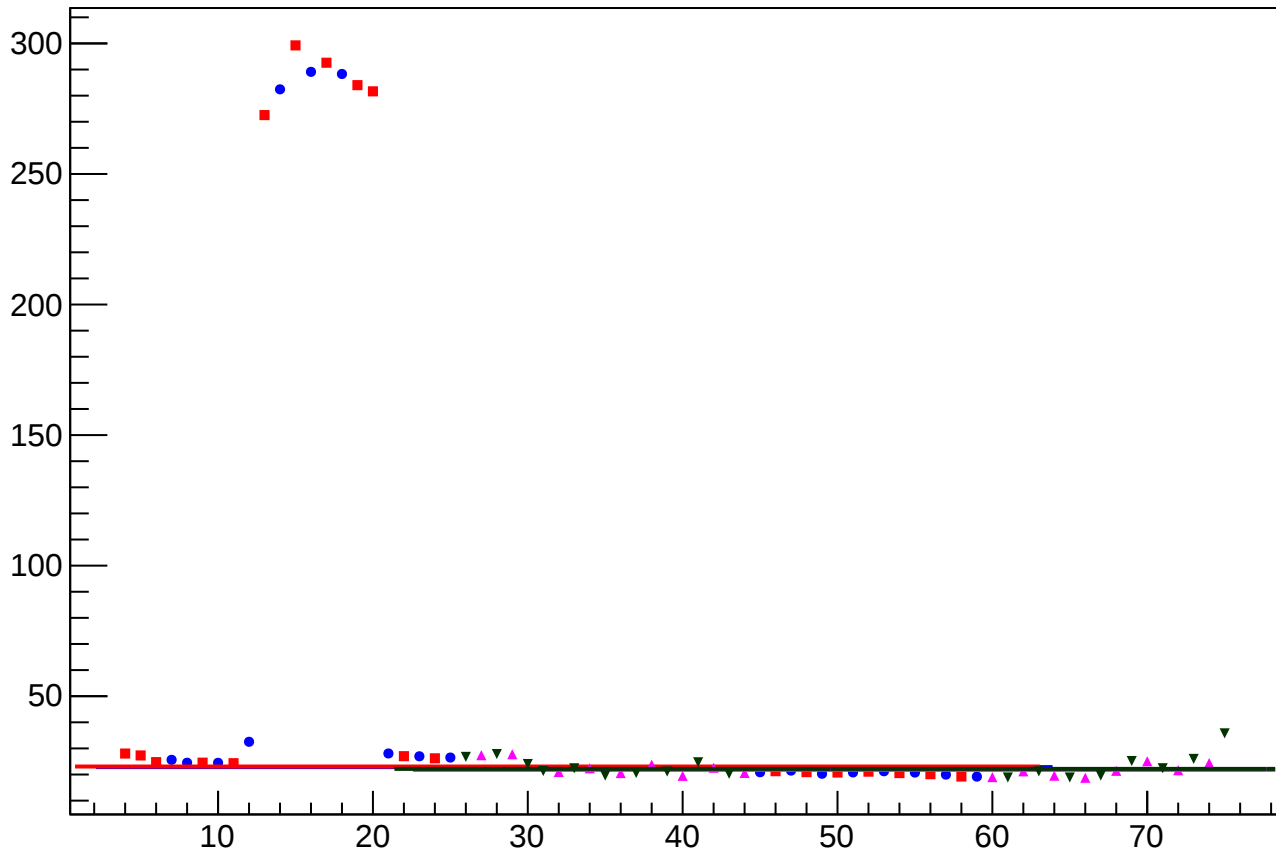
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: -4.712+/-7.116 χ^2/NDF : 13.1/16

-2.474+/-5.299 χ^2/NDF : 18.9/35

-0.093+/-5.451 χ^2/NDF : 34.2/35

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 22.854+/-0.005 χ^2/NDF : 4363507.8/17

Left Out: 22.164+/-0.005 χ^2/NDF : 384766.7/17

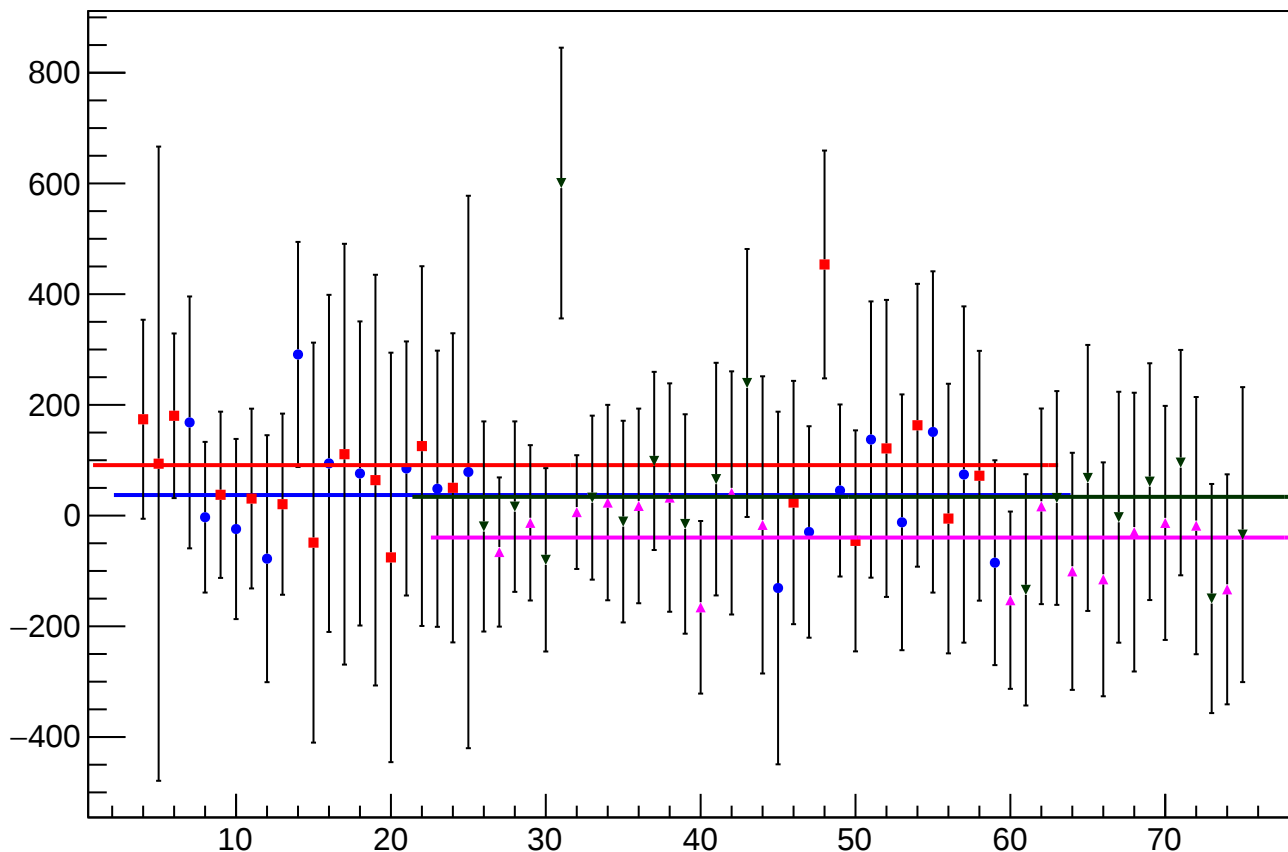
22.499+/-0.004 χ^2/NDF : 4756745.5/35

Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

22.322+/-0.004 χ^2/NDF : 5158779.6/35

Left In: 21.797+/-0.005 χ^2/NDF : 275654.6/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 37.153+/-51.038 χ^2/NDF : 3.7/17

Left Out: 33.851+/-46.000 χ^2/NDF : 8.6/17

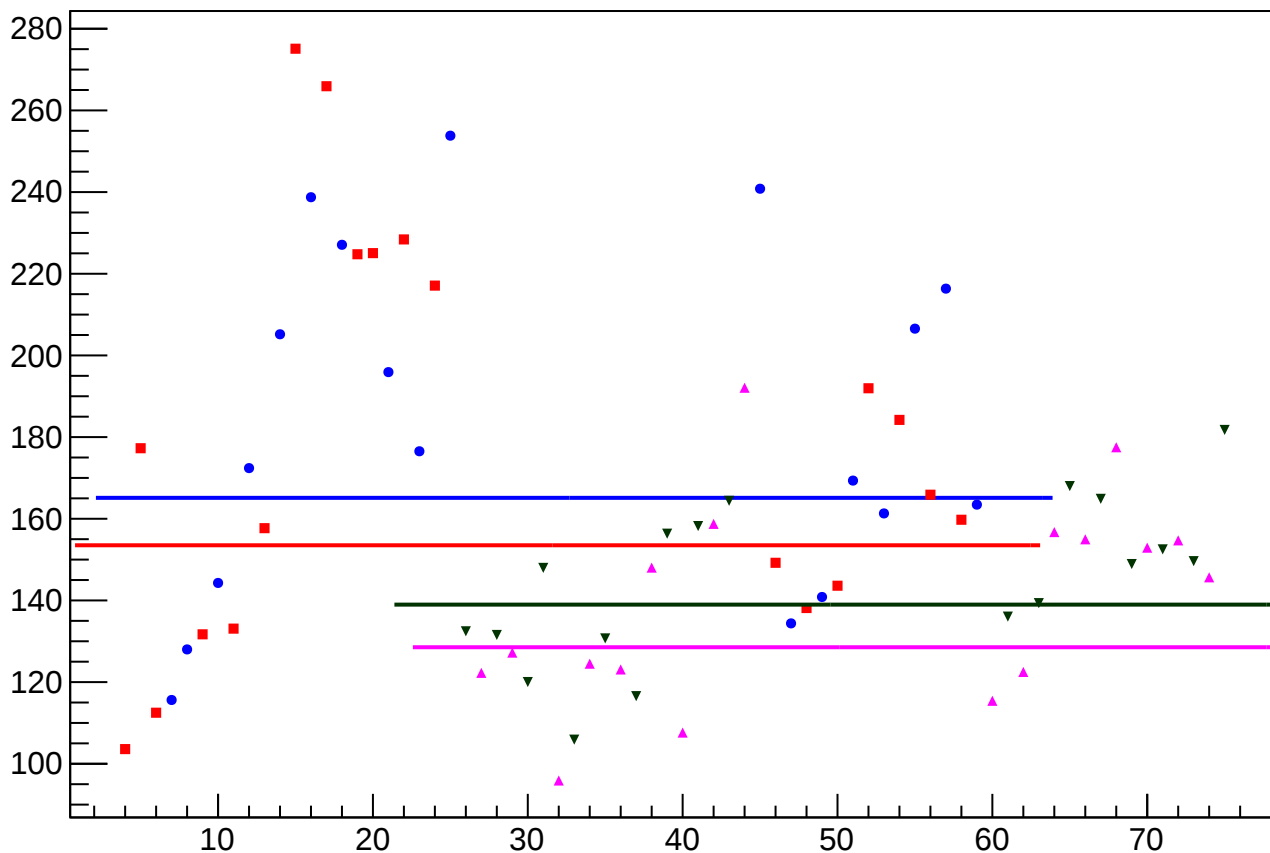
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -39.665+/-42.281 χ^2/NDF : 2.5/16

35.331+/-34.170 χ^2/NDF : 12.3/35

13.707+/-32.533 χ^2/NDF : 11.7/35

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.125+/-0.036 χ^2/NDF : 990659.0/17

Left Out: 138.975+/-0.033 χ^2/NDF : 358443.4/17

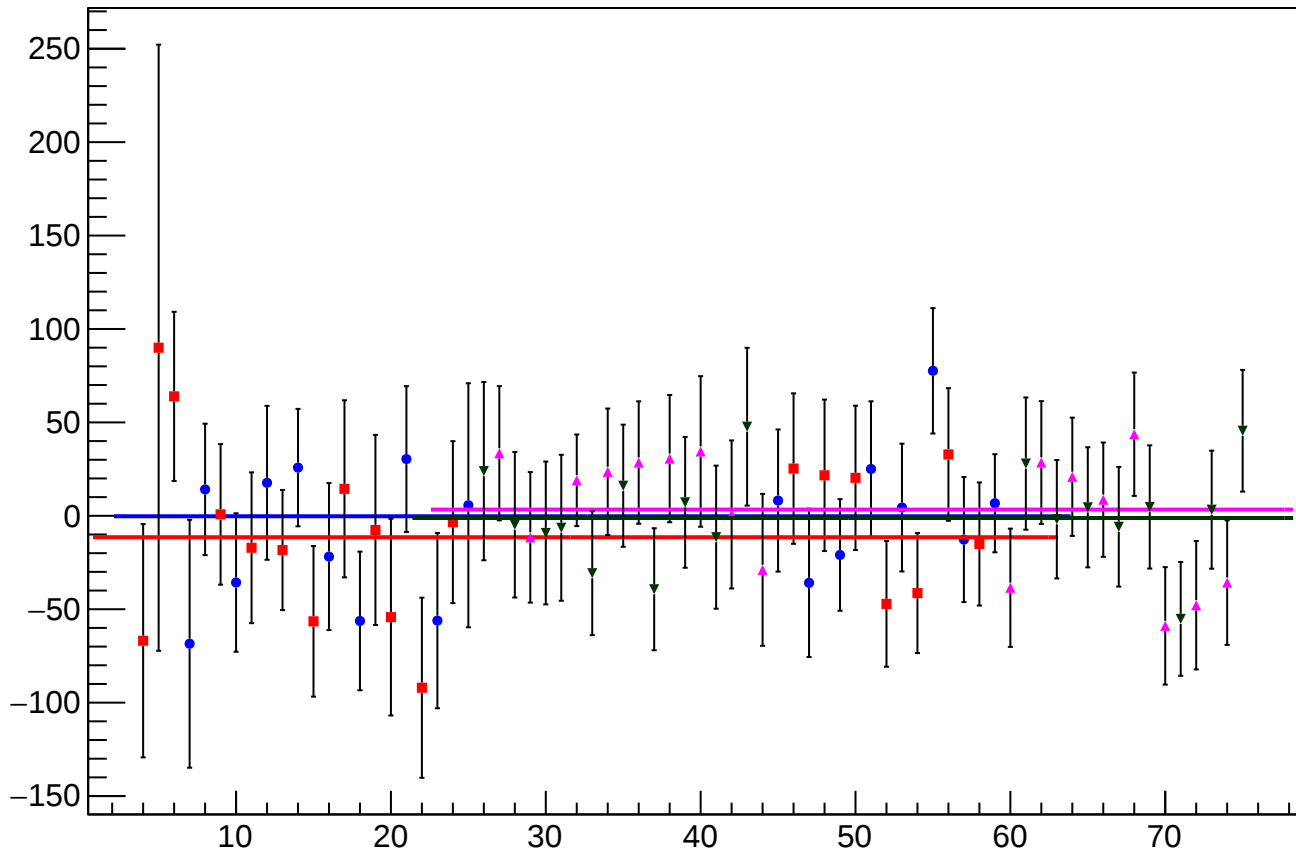
150.696+/-0.024 χ^2/NDF : 1638798.2/35

Right Out: 153.509+/-0.036 χ^2/NDF : 1238601.8/18

138.726+/-0.023 χ^2/NDF : 2159150.8/35

Left In: 128.538+/-0.030 χ^2/NDF : 635957.0/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -0.239 ± 8.646 χ^2/NDF : 15.1/17

Left Out: -1.177 ± 8.176 χ^2/NDF : 10.2/17

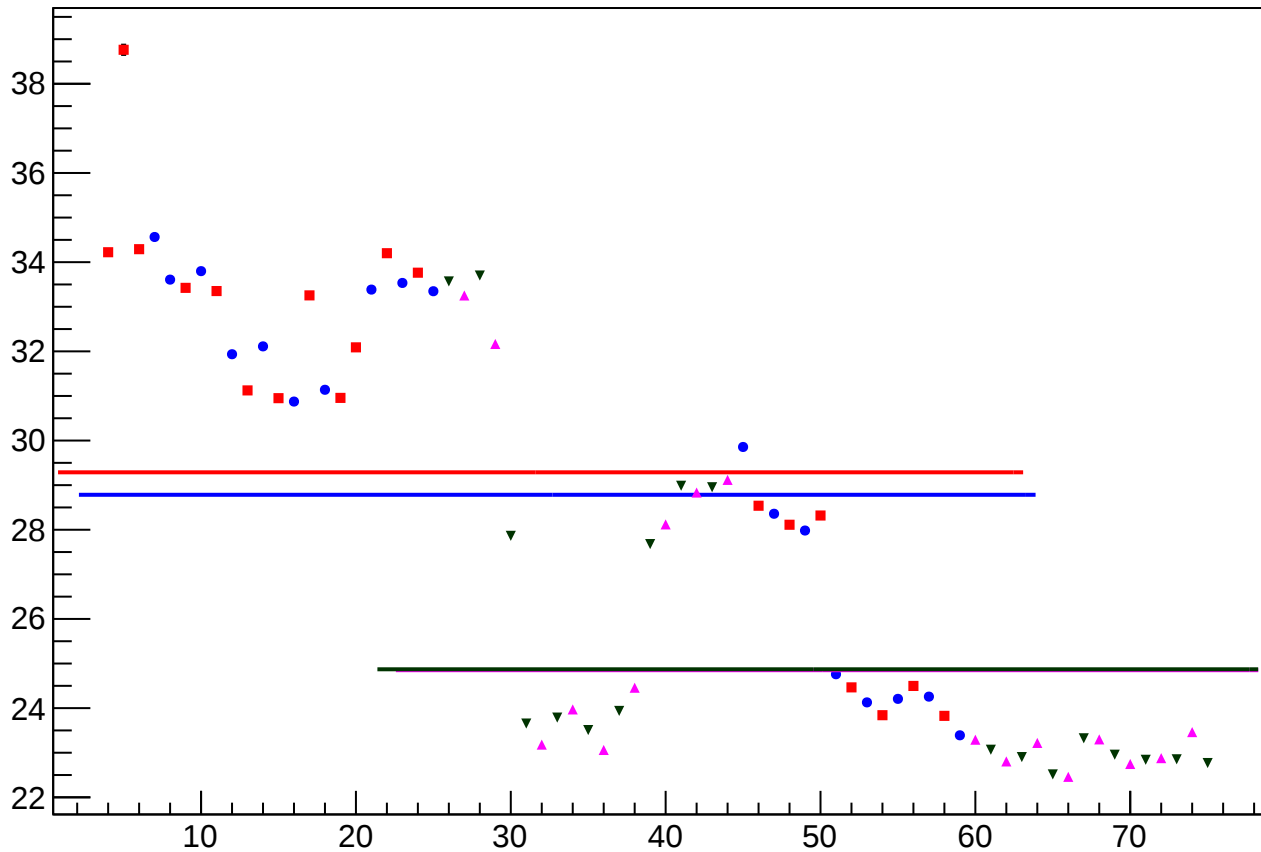
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

Left In: 3.347 ± 8.045 χ^2/NDF : 15.8/16

-0.734 ± 5.941 χ^2/NDF : 25.3/35

-2.910 ± 6.114 χ^2/NDF : 32.1/35

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 28.784 $\pm$ 0.006 χ^2/NDF : 418497.9/17

Left Out: 24.871 $\pm$ 0.006 χ^2/NDF : 305706.6/17

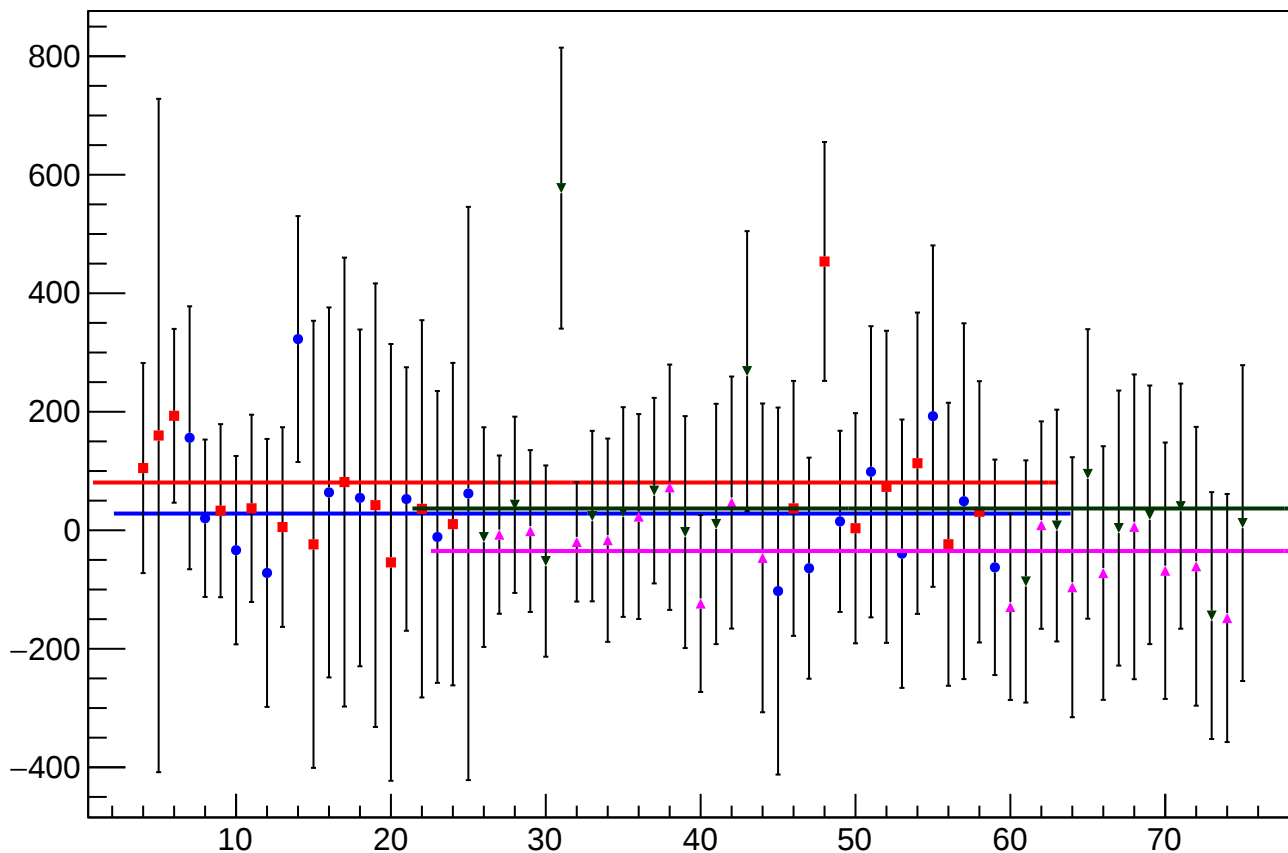
Right Out: 29.288 $\pm$ 0.007 χ^2/NDF : 355757.4/18

Left In: 24.850 $\pm$ 0.006 χ^2/NDF : 323042.0/16

26.718 $\pm$ 0.004 χ^2/NDF : 940468.3/35

26.725 $\pm$ 0.004 χ^2/NDF : 935904.2/35

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 28.225+/-50.353 χ^2/NDF : 3.9/17

Left Out: 36.782+/-45.326 χ^2/NDF : 7.9/17

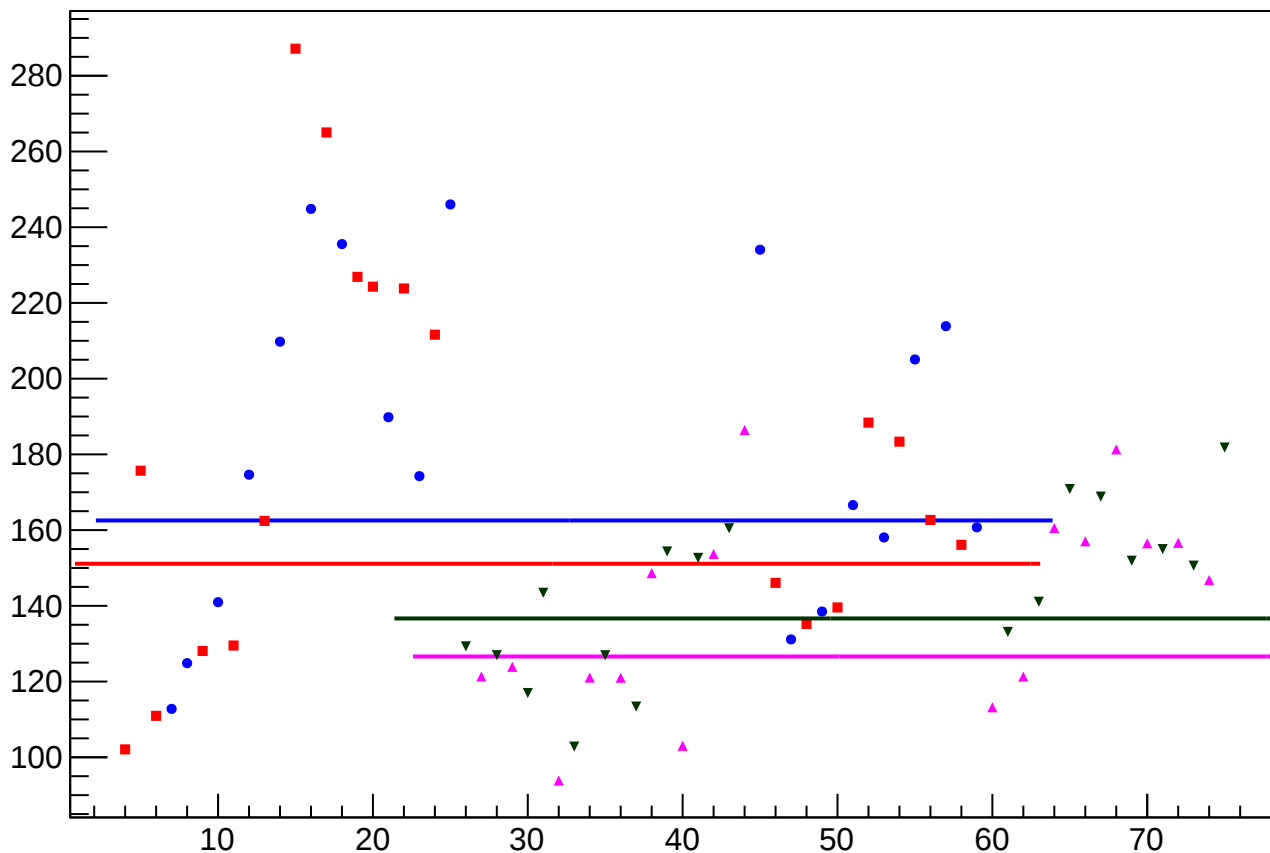
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -35.031+/-41.734 χ^2/NDF : 1.9/16

32.952+/-33.688 χ^2/NDF : 11.8/35

12.184+/-32.103 χ^2/NDF : 10.2/35

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 162.548 $\pm$ 0.036 χ^2/NDF : 1089314.8/17

Left Out: 136.667 $\pm$ 0.032 χ^2/NDF : 424123.4/17

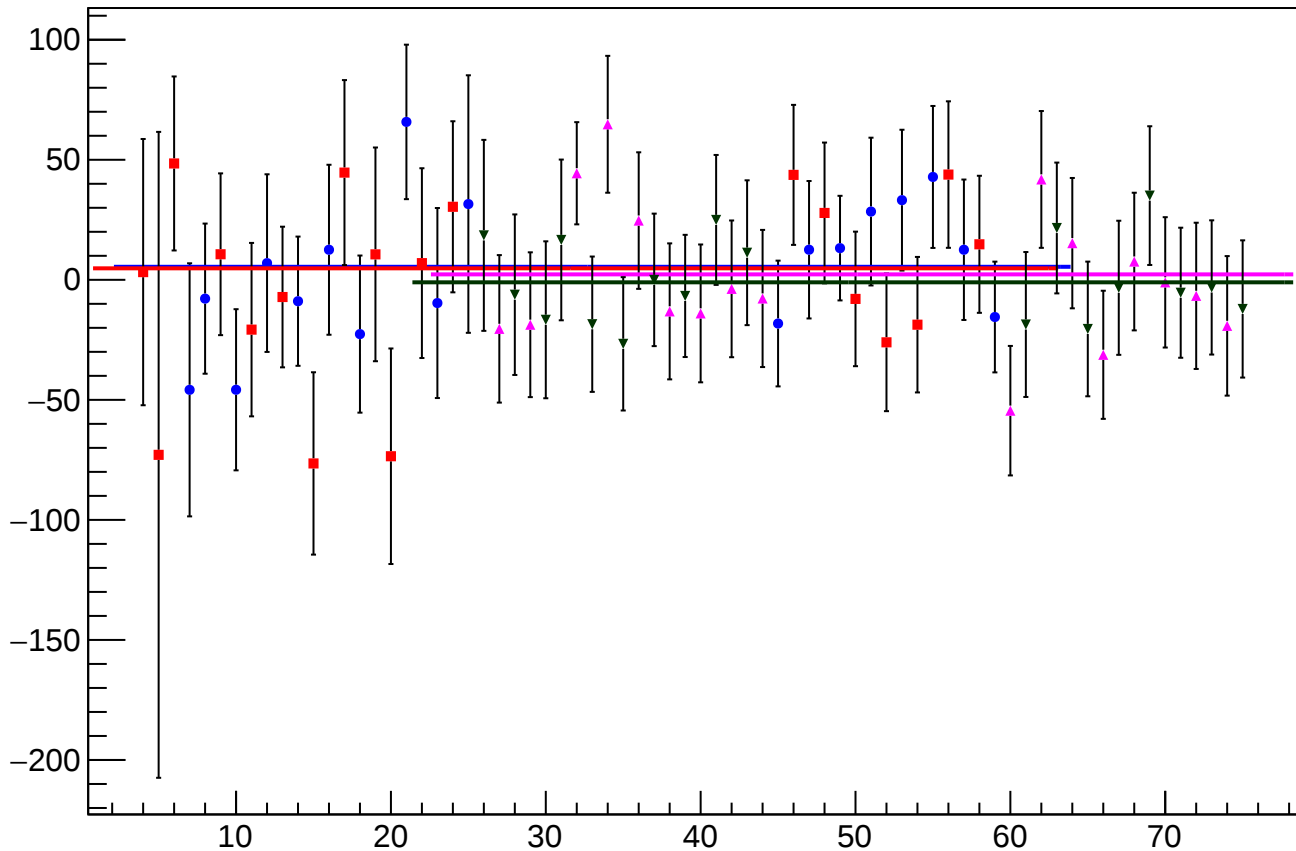
148.252 $\pm$ 0.024 χ^2/NDF : 1805302.5/35

Right Out: 151.117 $\pm$ 0.036 χ^2/NDF : 1306443.7/18

136.621 $\pm$ 0.023 χ^2/NDF : 2303000.3/35

Left In: 126.620 $\pm$ 0.030 χ^2/NDF : 715196.0/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 5.427 $\pm$ 7.205 χ^2 /NDF: 13.4/17

Left Out: -1.042 $\pm$ 6.853 χ^2 /NDF:6.4/17

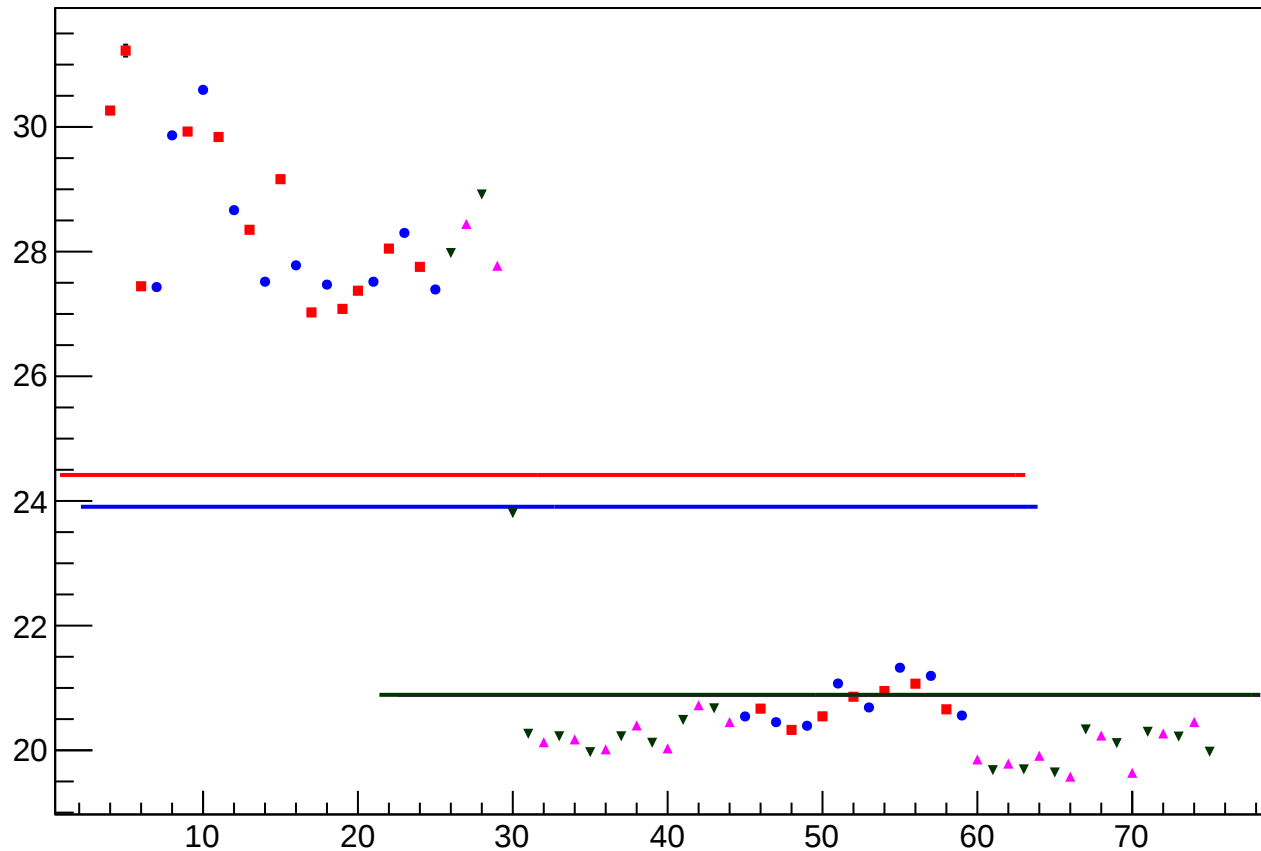
Right Out: 4.784 $\pm$ 7.872 χ^2 /NDF: 17.9/18

Left In: 2.268 $\pm$ 6.749 χ^2 /NDF:20.0/16

2.031 $\pm$ 4.965 χ^2 /NDF: 20.2/35

3.334 $\pm$ 5.124 χ^2 /NDF: 38.0/35

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.907 $\pm$ 0.005 χ^2 /NDF: 565903.0/17

Left Out: 20.890 $\pm$ 0.005 χ^2 /NDF:219606.4/17

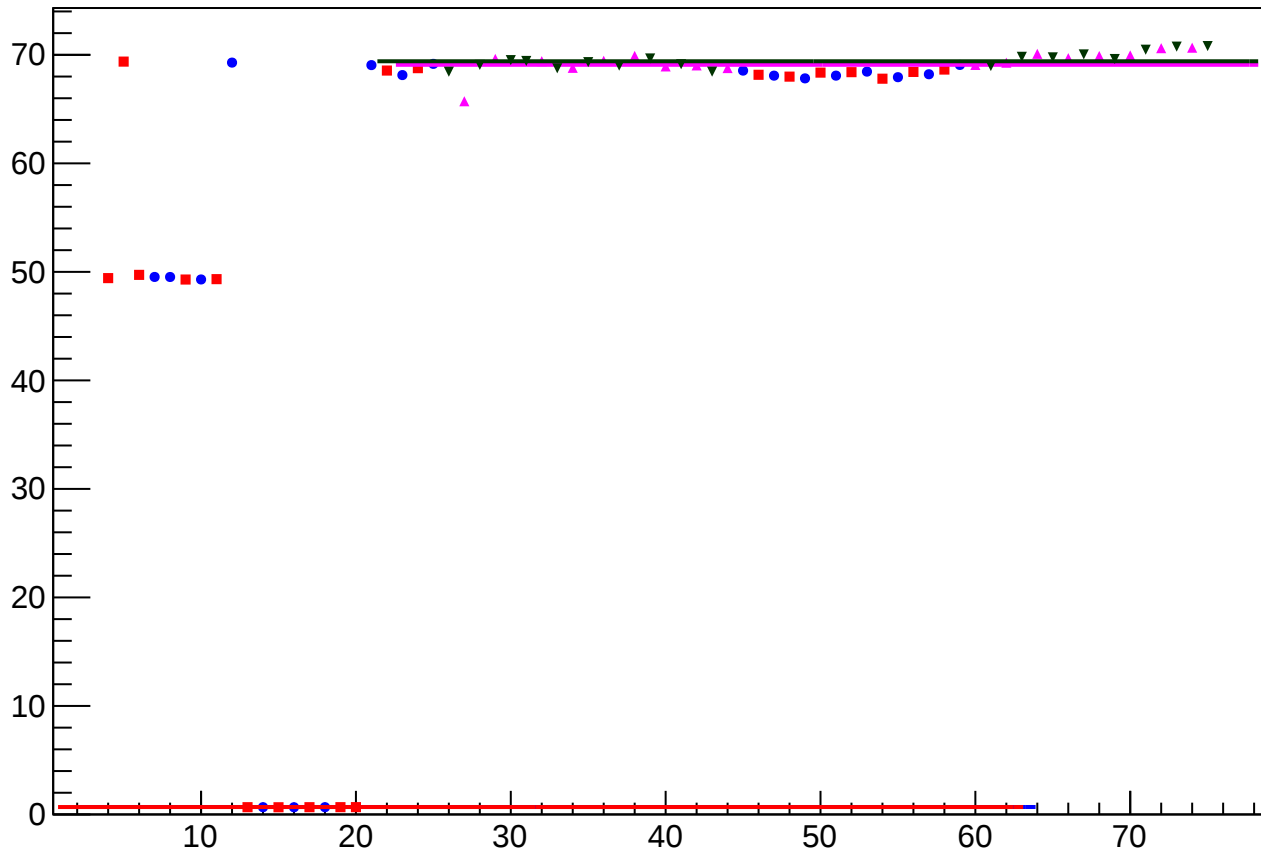
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 20.886 $\pm$ 0.005 χ^2 /NDF:253731.9/16

22.323 $\pm$ 0.004 χ^2 /NDF: 969653.3/35

22.382 $\pm$ 0.004 χ^2 /NDF: 982132.1/35

yield_bcm_an_ds_mean vs slug



Right In: 0.688+/-0.000 χ^2/NDF : 1036988220984.6/17

Left Out: 69.408+/-0.000 χ^2/NDF : 101942724.9/17

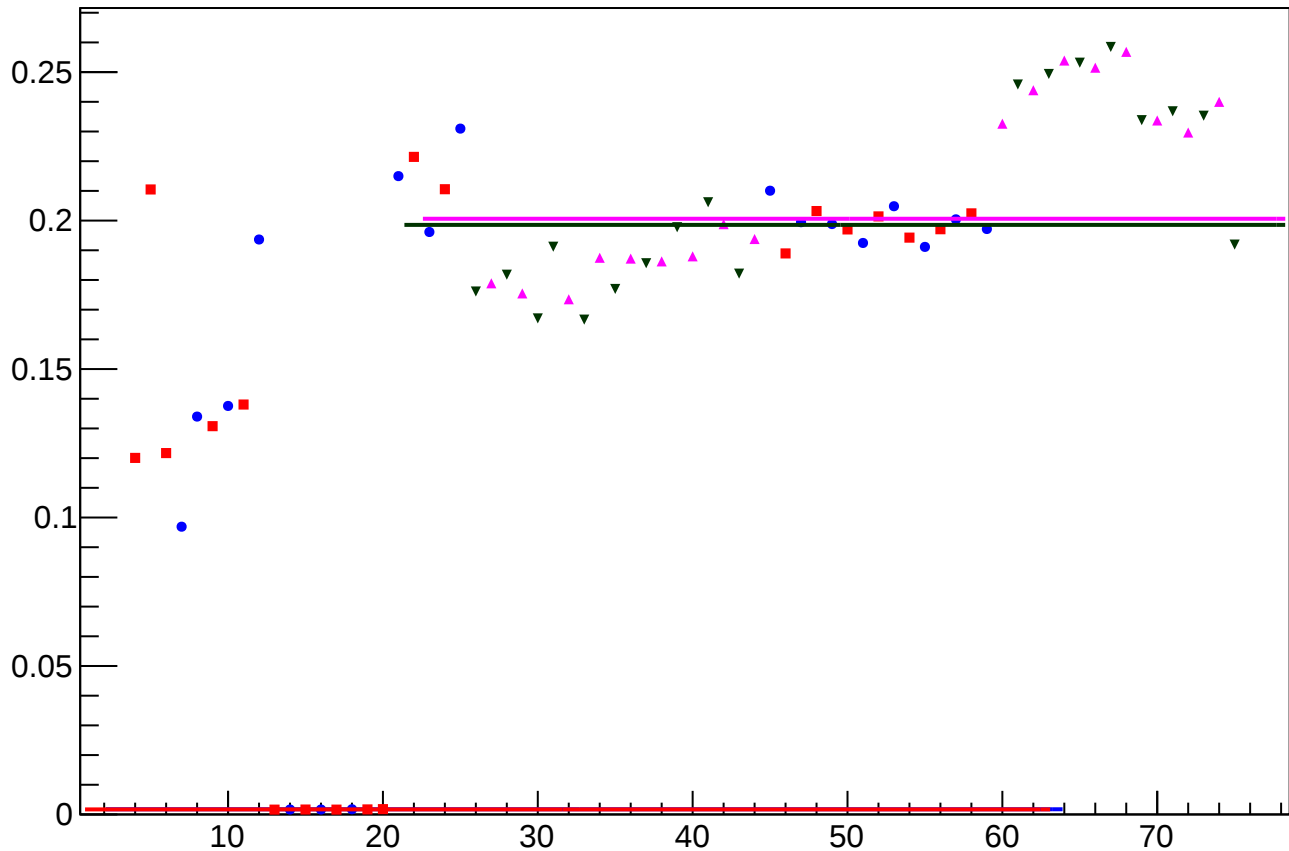
0.707+/-0.000 χ^2/NDF : 2110114291569.5/35

Right Out: 0.684+/-0.000 χ^2/NDF : 845851789818.6/18

0.699+/-0.000 χ^2/NDF : 1923934294554.8/35

Left In: 69.083+/-0.000 χ^2/NDF : 378413112.2/16

yield_bcm_an_ds_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 16897571.8/17

Left Out: 0.199 $\pm$ 0.000 χ^2 /NDF:381775.1/17

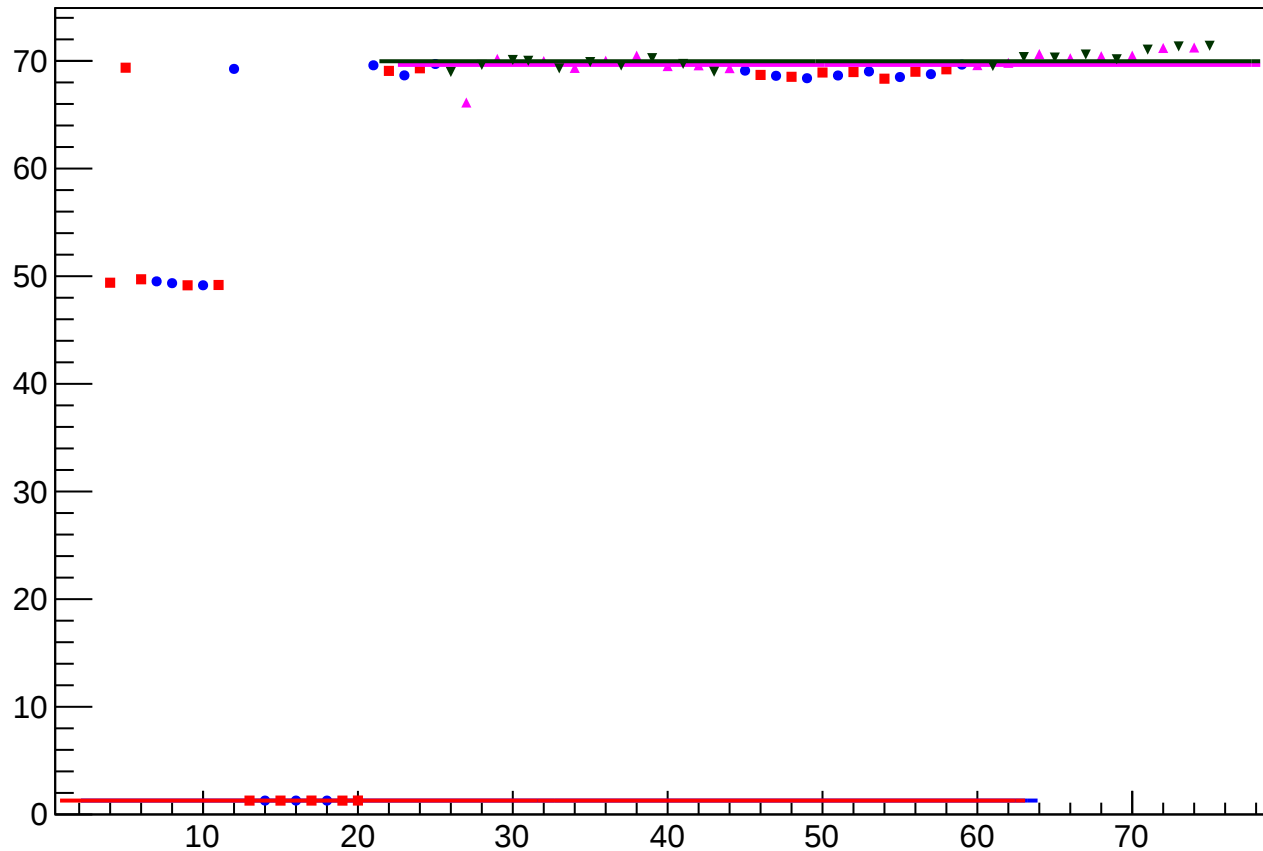
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 13510450.3/18

Left In: 0.201 $\pm$ 0.000 χ^2 /NDF:370500.3/16

0.002 $\pm$ 0.000 χ^2 /NDF: 34881132.8/35

0.002 $\pm$ 0.000 χ^2 /NDF: 32110604.6/35

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 1010041068715.0/17

Left Out: 69.969+/-0.000 χ^2/NDF :101198921.6/17

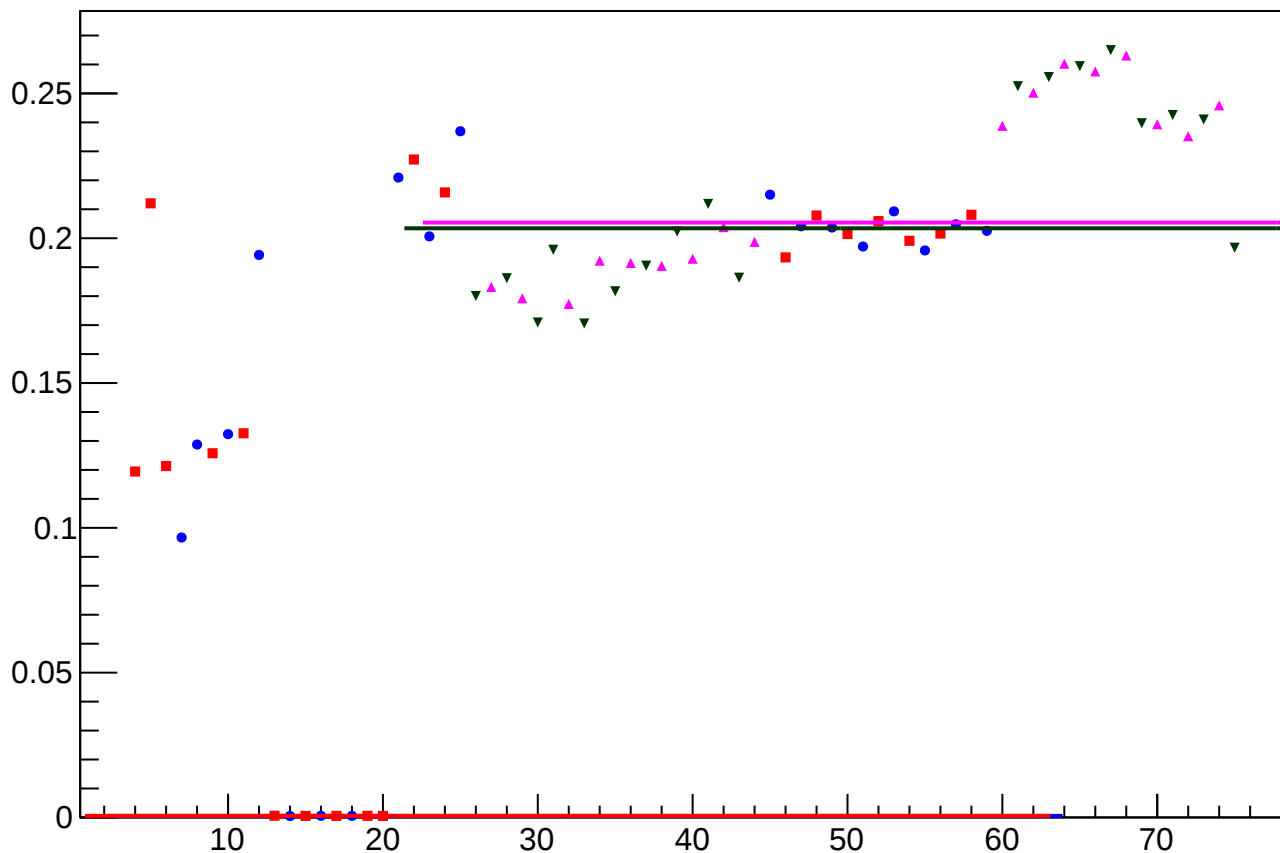
Right Out: 1.290+/-0.000 χ^2/NDF : 826763948171.6/18

Left In: 69.629+/-0.000 χ^2/NDF :386885829.8/16

1.293+/-0.000 χ^2/NDF : 2031126442596.7/35

1.292+/-0.000 χ^2/NDF : 1853157884529.0/35

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 17142253.8/17

Left Out: 0.203+/-0.000 χ^2/NDF : 384091.2/17

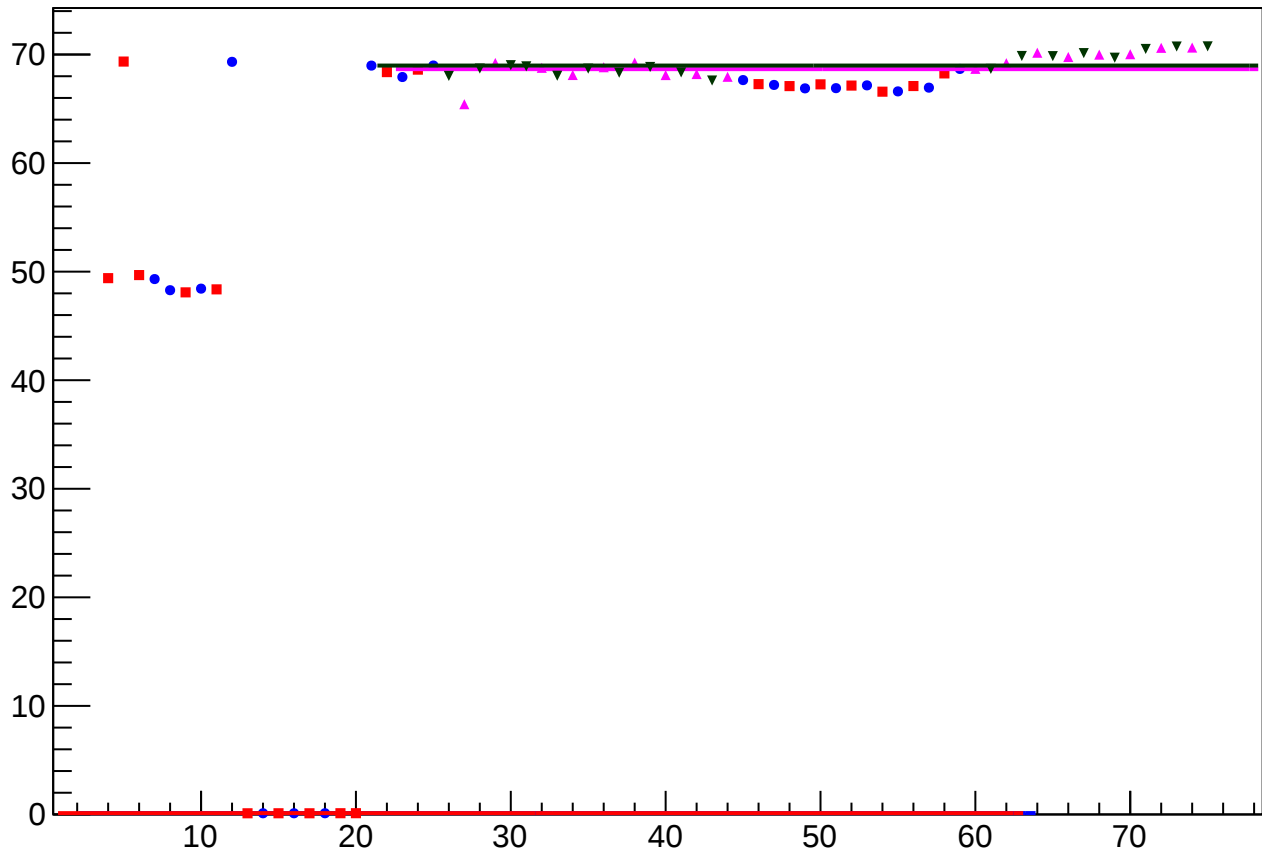
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

Left In: 0.205+/-0.000 χ^2/NDF : 374692.9/16

0.001+/-0.000 χ^2/NDF : 35348786.2/35

0.001+/-0.000 χ^2/NDF : 32509480.8/35

yield_bcm_an_us_mean vs slug



Right In: 0.126+/-0.000 χ^2/NDF : 1070197088852.4/17

Left Out: 68.983+/-0.000 χ^2/NDF : 191242386.8/17

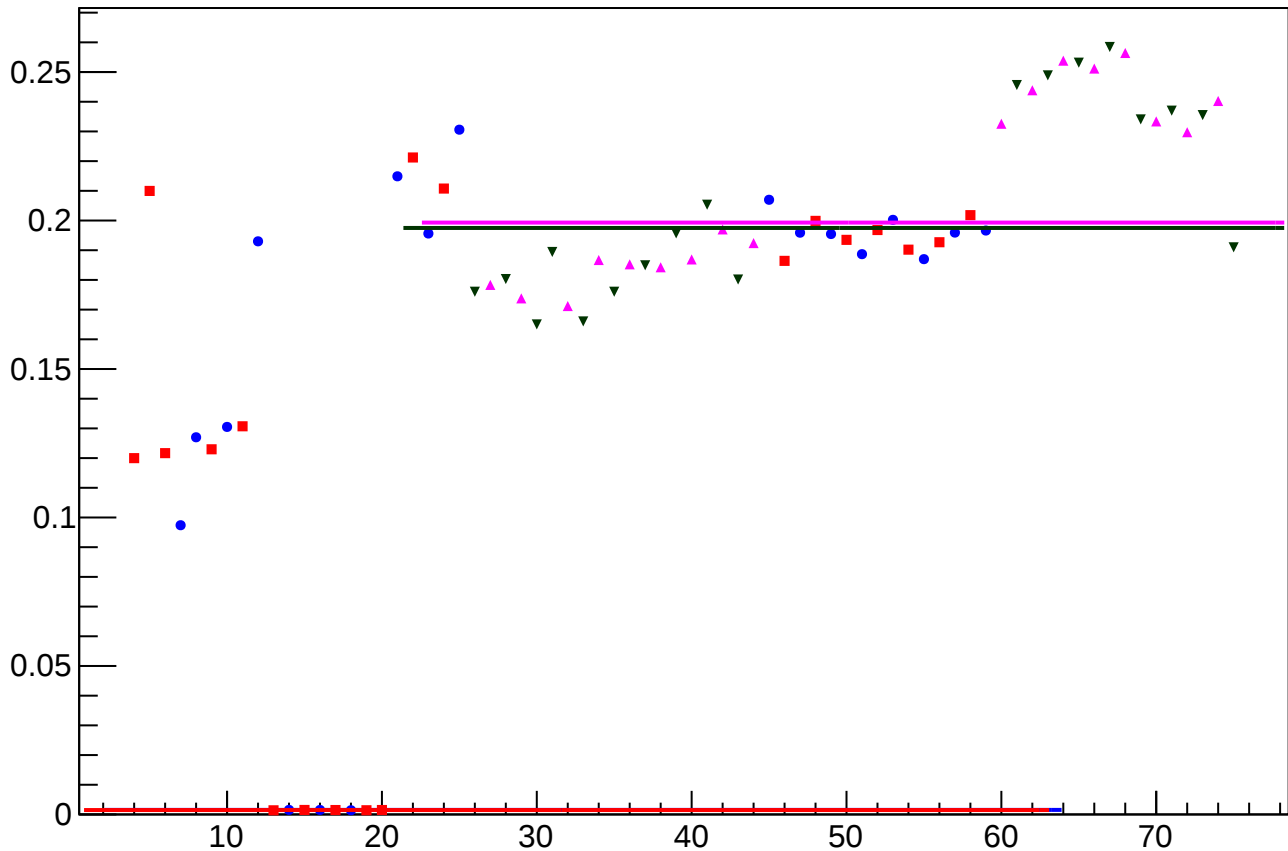
0.141+/-0.000 χ^2/NDF : 2157233378726.6/35

Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

0.134+/-0.000 χ^2/NDF : 1971674555803.2/35

Left In: 68.653+/-0.000 χ^2/NDF : 429366646.9/16

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 16922209.8/17

Left Out: 0.197 $\pm$ 0.000 χ^2 /NDF:396022.9/17

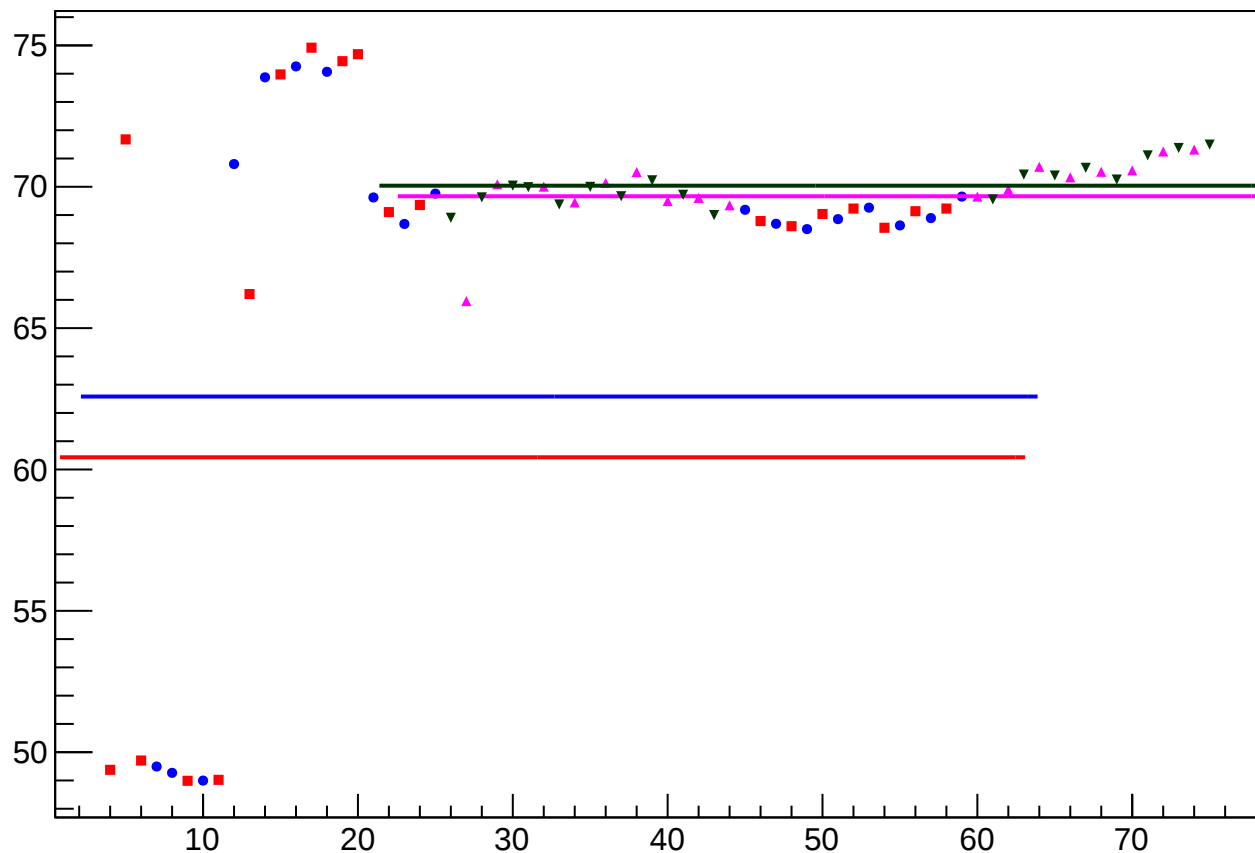
0.002 $\pm$ 0.000 χ^2 /NDF: 34924303.8/35

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 13535654.6/18

0.002 $\pm$ 0.000 χ^2 /NDF: 32170633.5/35

Left In: 0.199 $\pm$ 0.000 χ^2 /NDF:389907.7/16

yield_bcm_dg_us_mean vs slug



Right In: 62.581+/-0.000 χ^2/NDF : 33681231971.4/17

Left Out: 70.038+/-0.000 χ^2/NDF :105416378.5/17

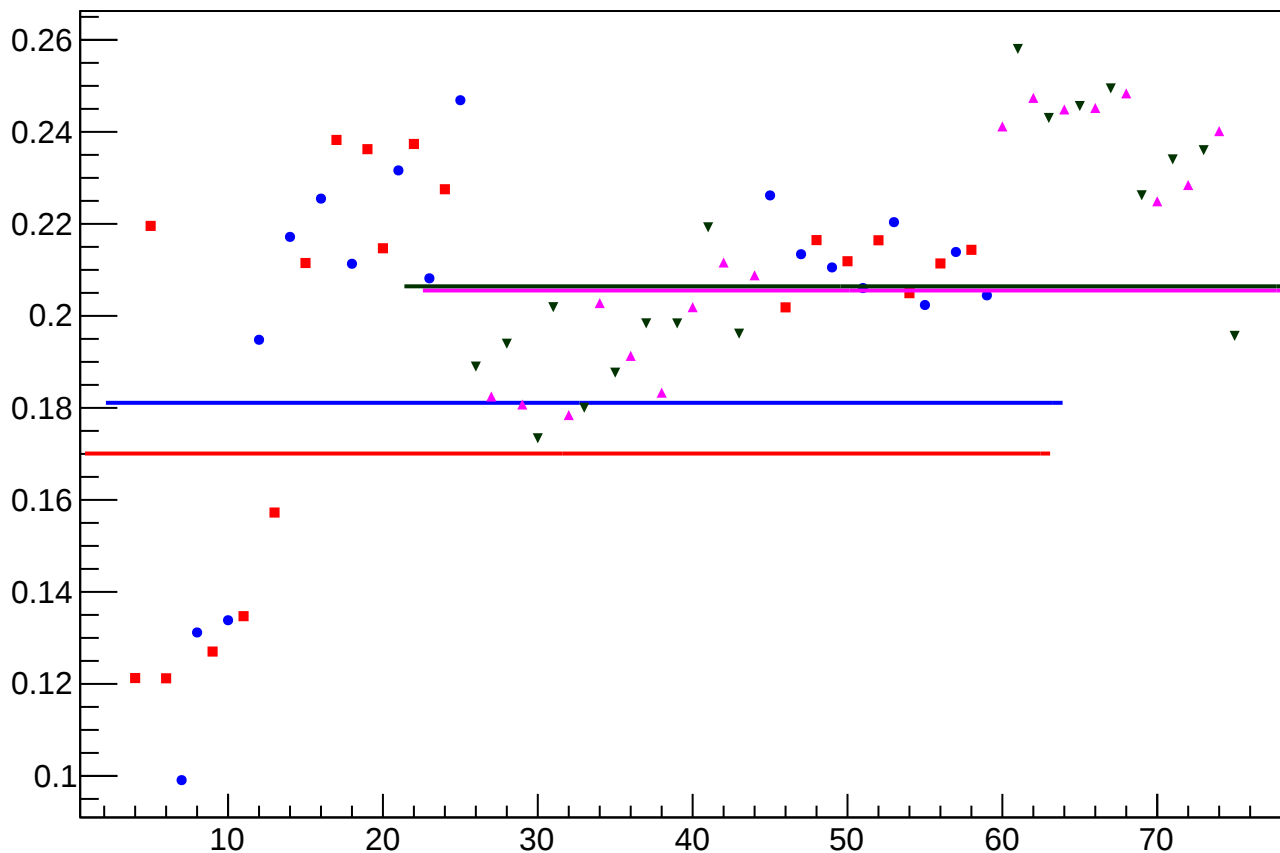
Right Out: 60.432+/-0.000 χ^2/NDF : 32977972131.8/18

Left In: 69.665+/-0.000 χ^2/NDF :431600222.4/16

65.586+/-0.000 χ^2/NDF : 40822343382.8/35

64.293+/-0.000 χ^2/NDF : 44330574271.3/35

yield_bcm_dg_us_rms vs slug



Right In: 0.181+/-0.000 χ^2/NDF : 1216212.6/17

Left Out: 0.206+/-0.000 χ^2/NDF : 247227.7/17

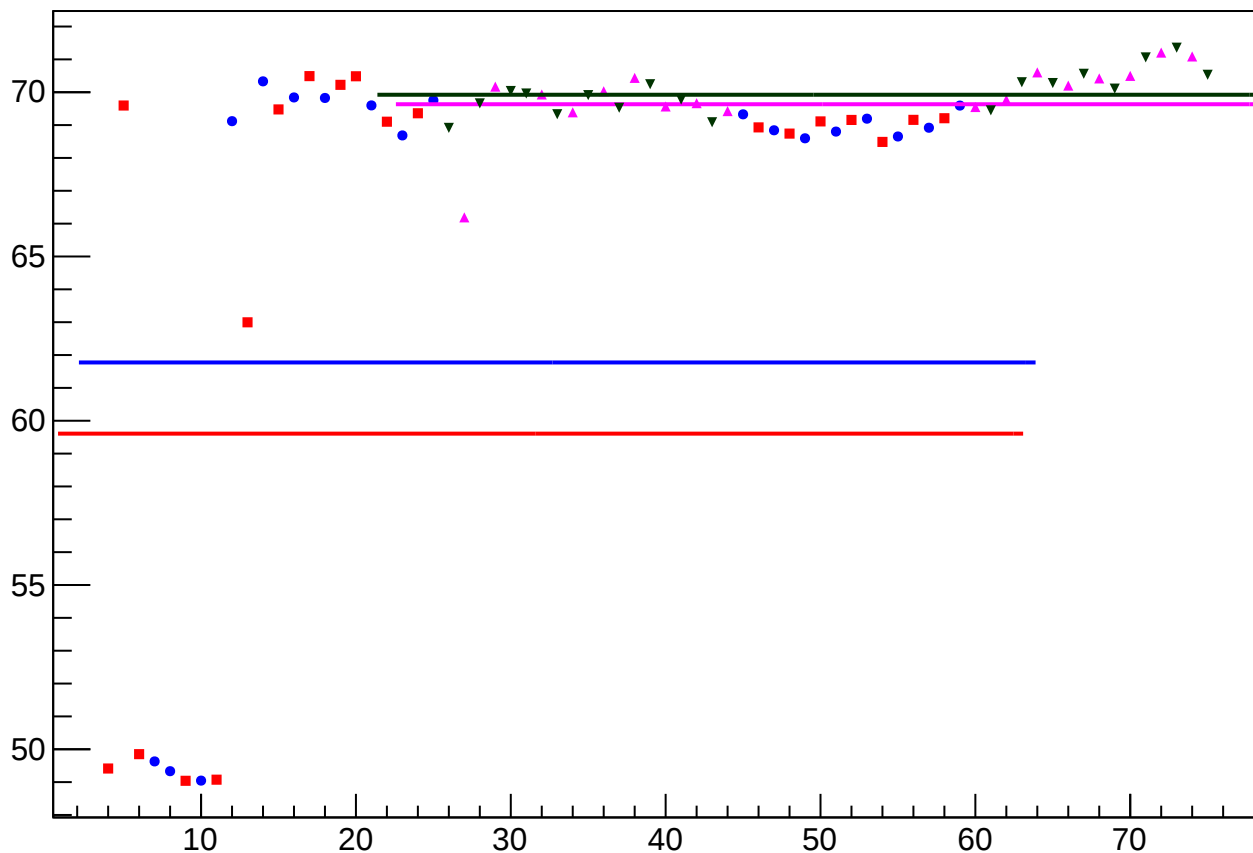
0.191+/-0.000 χ^2/NDF : 1625654.2/35

Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

0.185+/-0.000 χ^2/NDF : 1795536.2/35

Left In: 0.206+/-0.000 χ^2/NDF : 290051.0/16

yield_bcm_dg_ds_mean vs slug



Right In: 61.774 $\pm$ 0.000 χ^2 /NDF: 30968593880.6/17

Left Out: 69.923 $\pm$ 0.000 χ^2 /NDF: 76631840.6/17

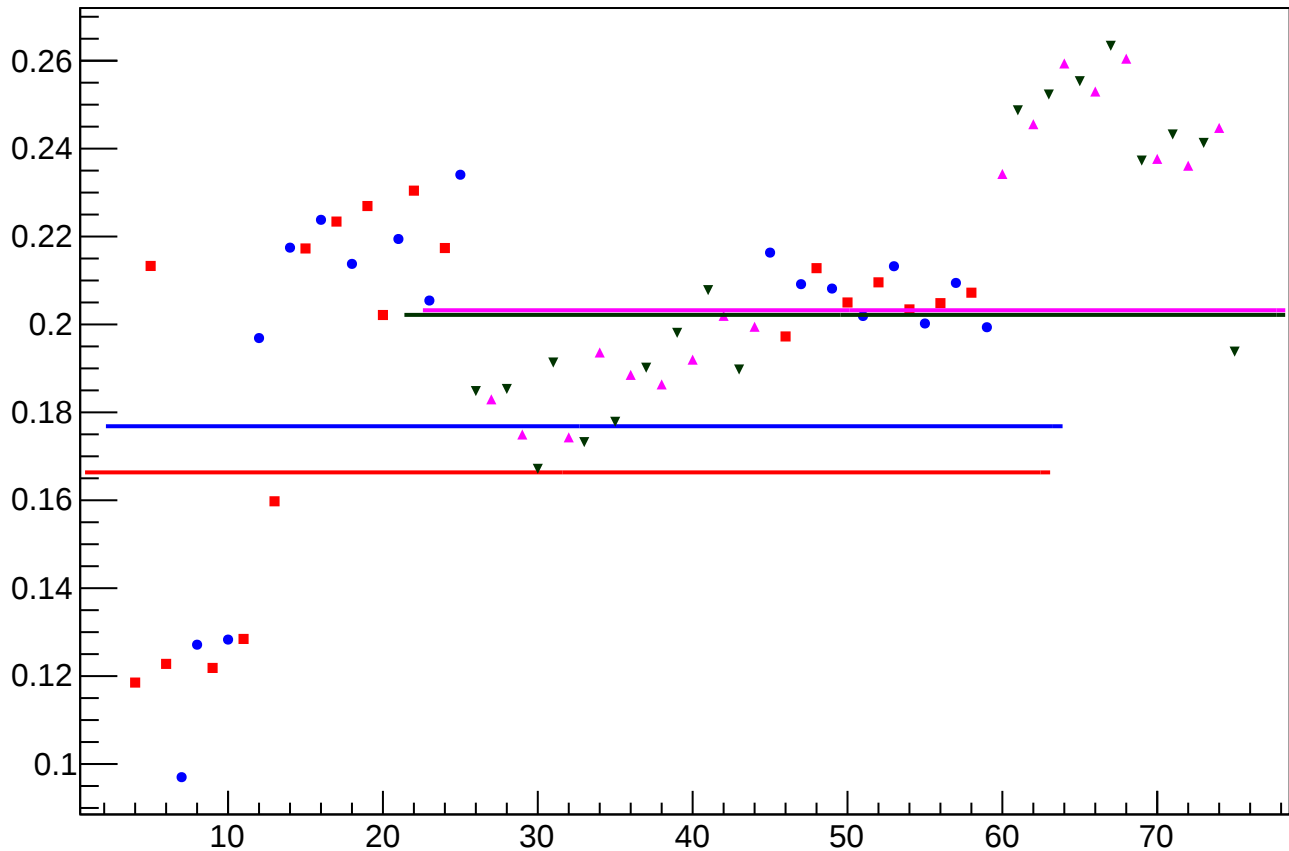
Right Out: 59.608 $\pm$ 0.000 χ^2 /NDF: 29547406430.8/18

Left In: 69.635 $\pm$ 0.000 χ^2 /NDF: 369837941.4/16

65.037 $\pm$ 0.000 χ^2 /NDF: 39782655460.0/35

63.736 $\pm$ 0.000 χ^2 /NDF: 43183549052.8/35

yield_bcm_dg_ds_rms vs slug



Right In: 0.177+/-0.000 χ^2/NDF : 1276663.3/17

Left Out: 0.202+/-0.000 χ^2/NDF : 372860.5/17

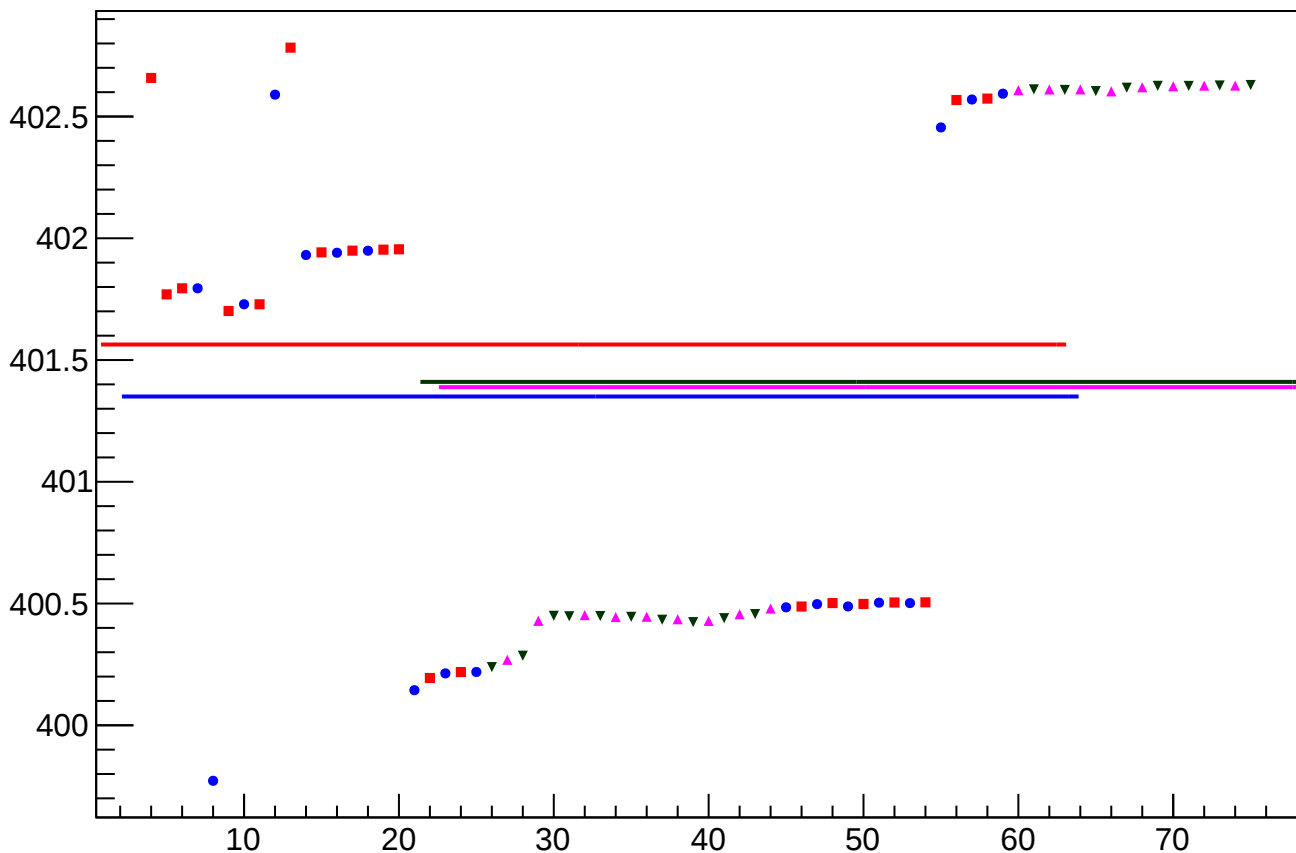
0.187+/-0.000 χ^2/NDF : 1818400.8/35

Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

0.182+/-0.000 χ^2/NDF : 1898362.8/35

Left In: 0.203+/-0.000 χ^2/NDF : 382846.1/16

yield_cav4bQ_mean vs slug



Right In: 401.350 ± 0.000 χ^2/NDF : 235093599906.3/17

Left Out: 401.410 ± 0.000 χ^2/NDF : 258933633124.4/17

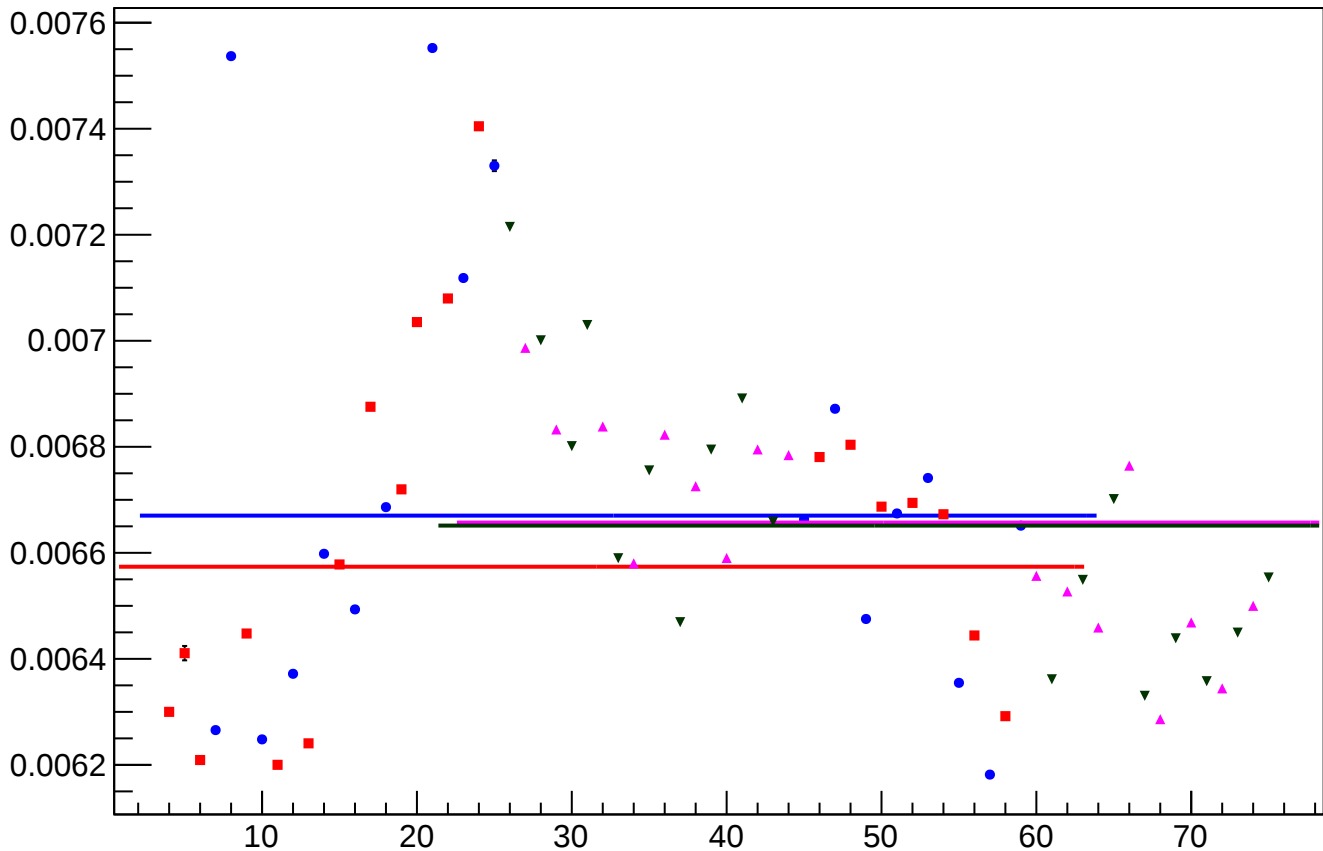
Right Out: 401.564 ± 0.000 χ^2/NDF : 183973928948.5/18

Left In: 401.389 ± 0.000 χ^2/NDF : 260667521320.9/16

401.378 ± 0.000 χ^2/NDF : 494441750620.6/35

401.479 ± 0.000 χ^2/NDF : 448081160717.6/35

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 76682.3/17

Left Out: 0.007+/-0.000 χ^2/NDF :25027.3/17

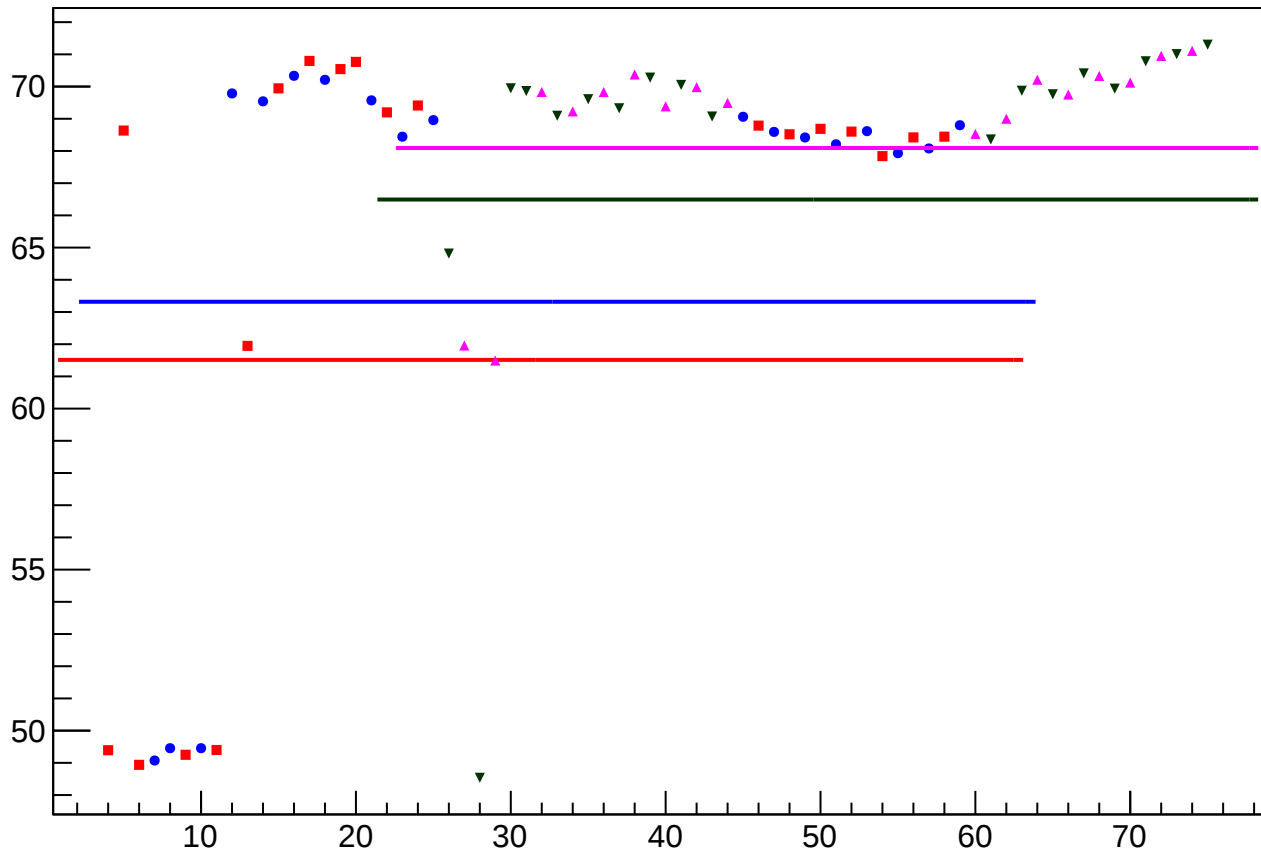
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF :16928.8/16

0.007+/-0.000 χ^2/NDF : 101790.9/35

0.007+/-0.000 χ^2/NDF : 66168.0/35

yield_cav4cQ_mean vs slug



Right In: 63.318+/-0.000 χ^2/NDF : 17047377048.9/17

Left Out: 66.492+/-0.000 χ^2/NDF : 10116344459.4/17

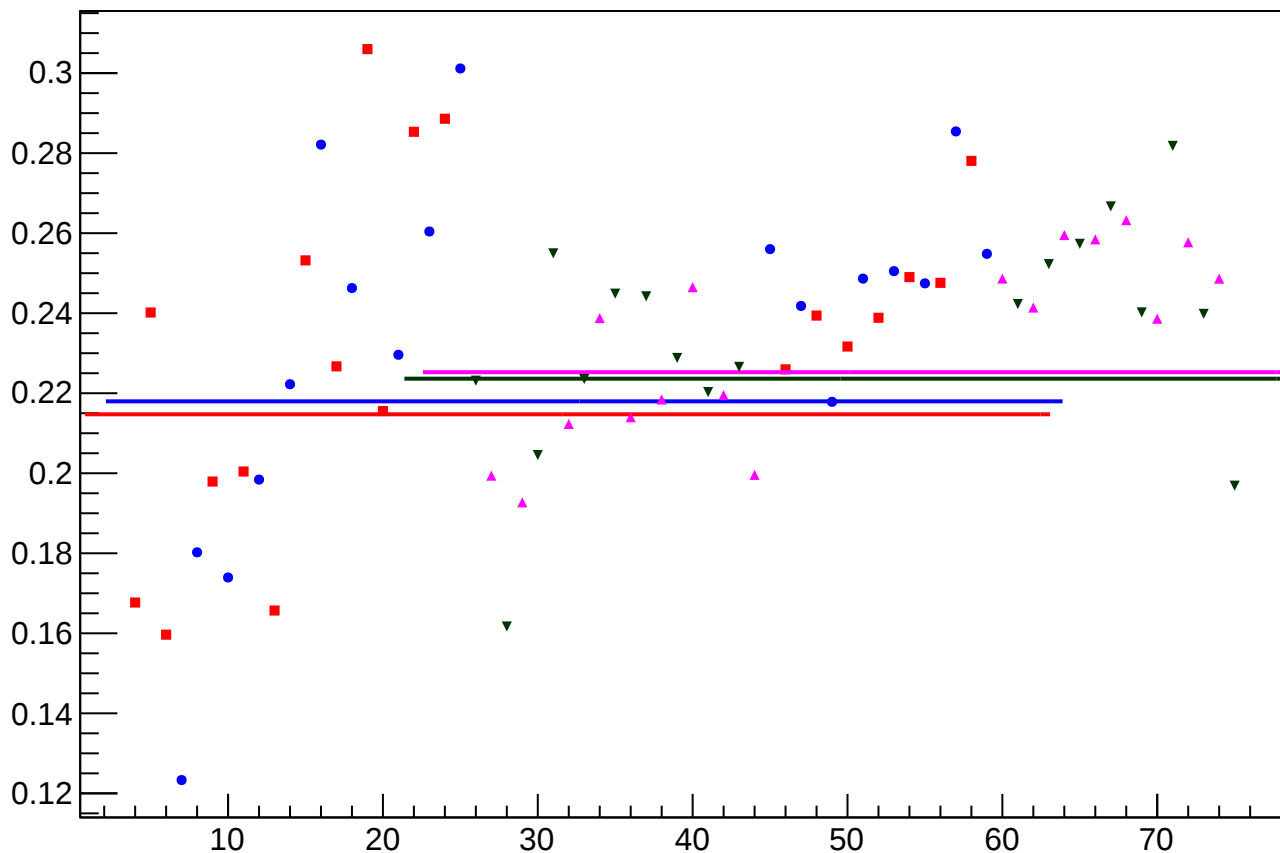
64.745+/-0.000 χ^2/NDF : 28121979515.2/35

Right Out: 61.513+/-0.000 χ^2/NDF : 15349624825.1/18

64.720+/-0.000 χ^2/NDF : 21319510937.2/35

Left In: 68.093+/-0.000 χ^2/NDF : 2038203088.4/16

yield_cav4cQ_rms vs slug



Right In: 0.218+/-0.000 χ^2/NDF : 734629.1/17

Left Out: 0.224+/-0.000 χ^2/NDF : 366910.7/17

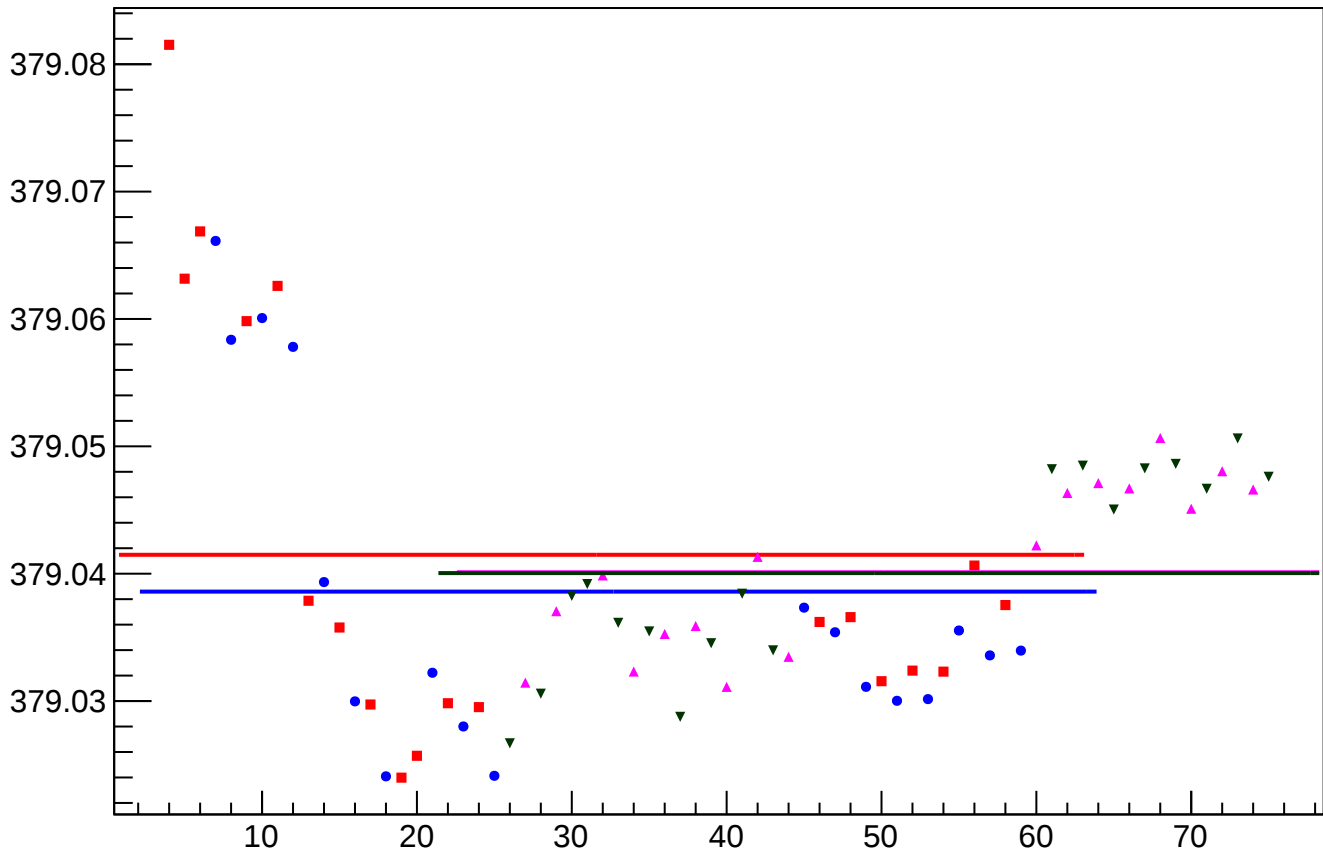
Right Out: 0.215+/-0.000 χ^2/NDF : 631176.3/18

Left In: 0.225+/-0.000 χ^2/NDF : 198173.3/16

0.221+/-0.000 χ^2/NDF : 1107641.1/35

0.220+/-0.000 χ^2/NDF : 849450.8/35

yield_cav4dQ_mean vs slug



Right In: 379.039 $\pm$ 0.000 χ^2 /NDF: 33775812.8/17

Left Out: 379.040 $\pm$ 0.000 χ^2 /NDF:11566799.5/17

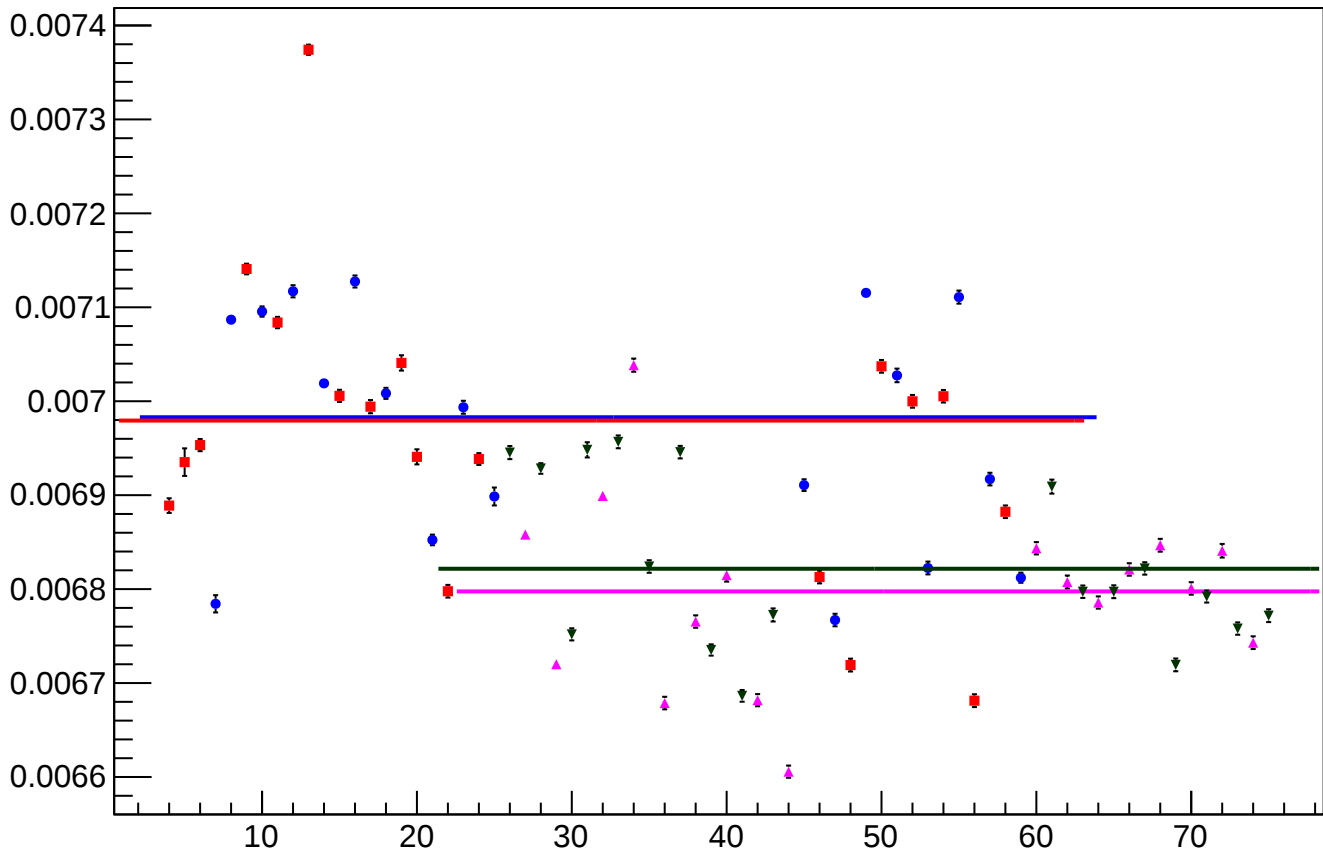
379.039 $\pm$ 0.000 χ^2 /NDF: 45571175.0/35

Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

379.041 $\pm$ 0.000 χ^2 /NDF: 54521726.6/35

Left In: 379.040 $\pm$ 0.000 χ^2 /NDF:8046644.0/16

yield_cav4dQ_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 6696.3/17

Left Out: 0.007 ± 0.000 χ^2/NDF : 3041.1/17

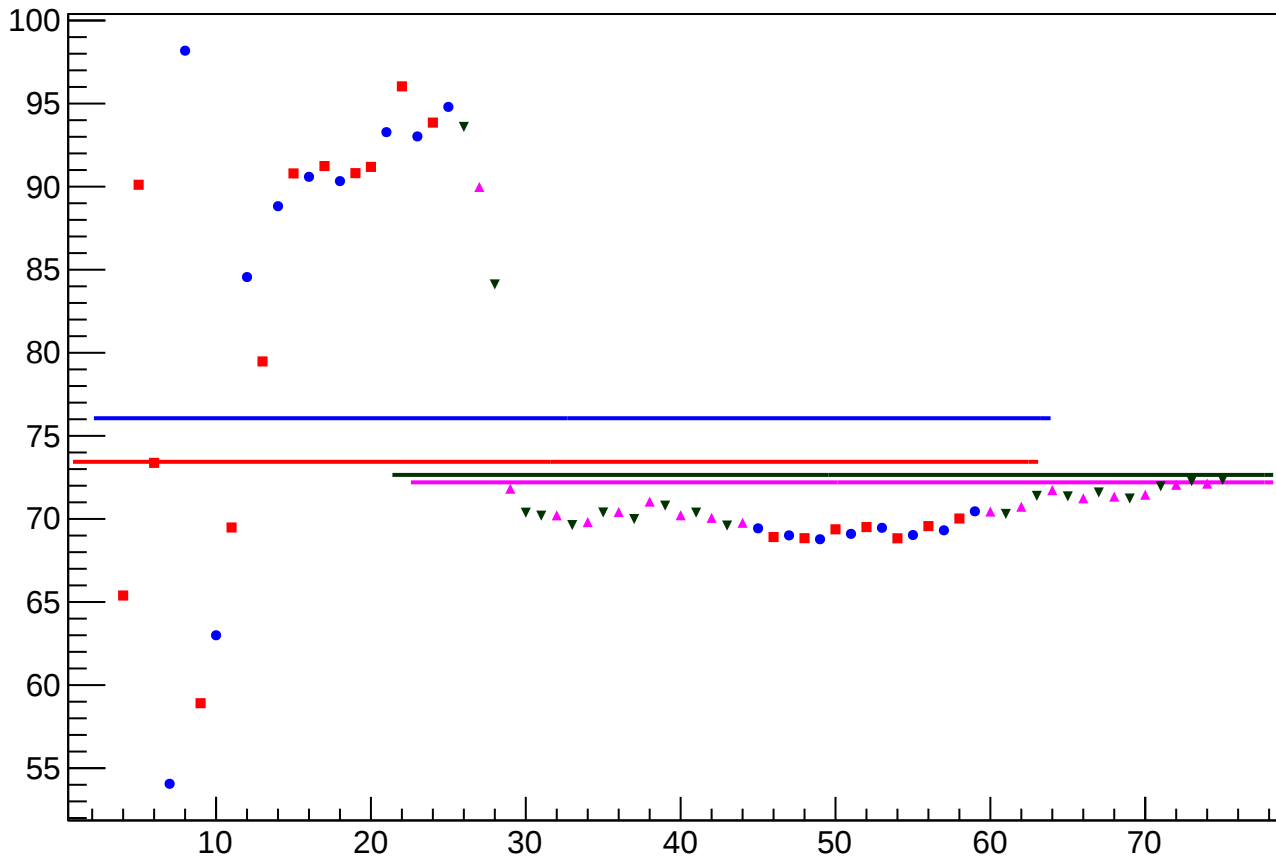
0.007 ± 0.000 χ^2/NDF : 15357.2/35

Right Out: 0.007 ± 0.000 χ^2/NDF : 11747.2/18

0.007 ± 0.000 χ^2/NDF : 22287.6/35

Left In: 0.007 ± 0.000 χ^2/NDF : 3668.8/16

yield_bcm0l02_mean vs slug



Right In: 76.061 $\pm$ 0.000 χ^2 /NDF: 20787602024.2/17

Left Out: 72.651 $\pm$ 0.000 χ^2 /NDF: 3814578681.4/17

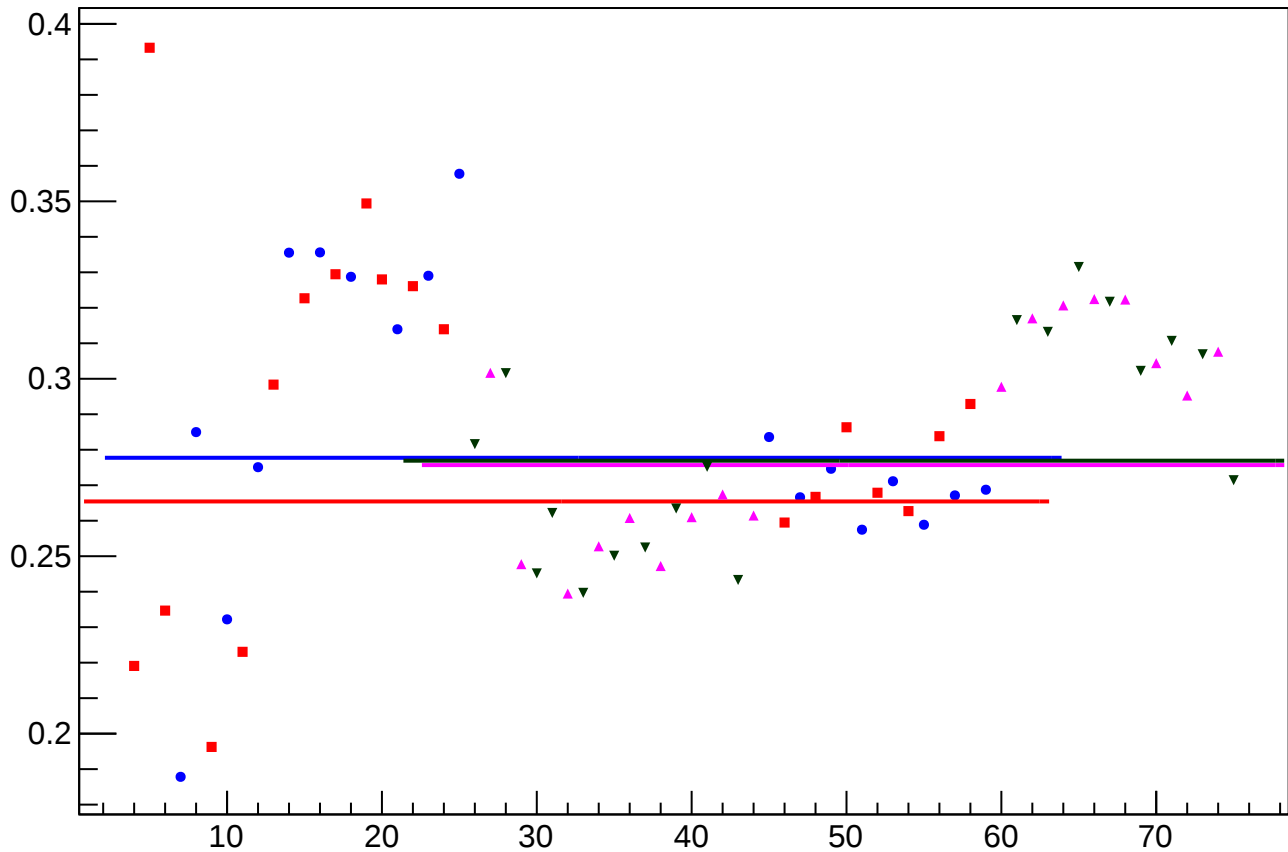
Right Out: 73.439 $\pm$ 0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.203 $\pm$ 0.000 χ^2 /NDF: 2983766666.2/16

74.483 $\pm$ 0.000 χ^2 /NDF: 25315597764.9/35

72.834 $\pm$ 0.000 χ^2 /NDF: 17818496808.6/35

yield_bcm0l02_rms vs slug



Right In: 0.278+/-0.000 χ^2/NDF : 370245.0/17

Left Out: 0.277+/-0.000 χ^2/NDF :193208.8/17

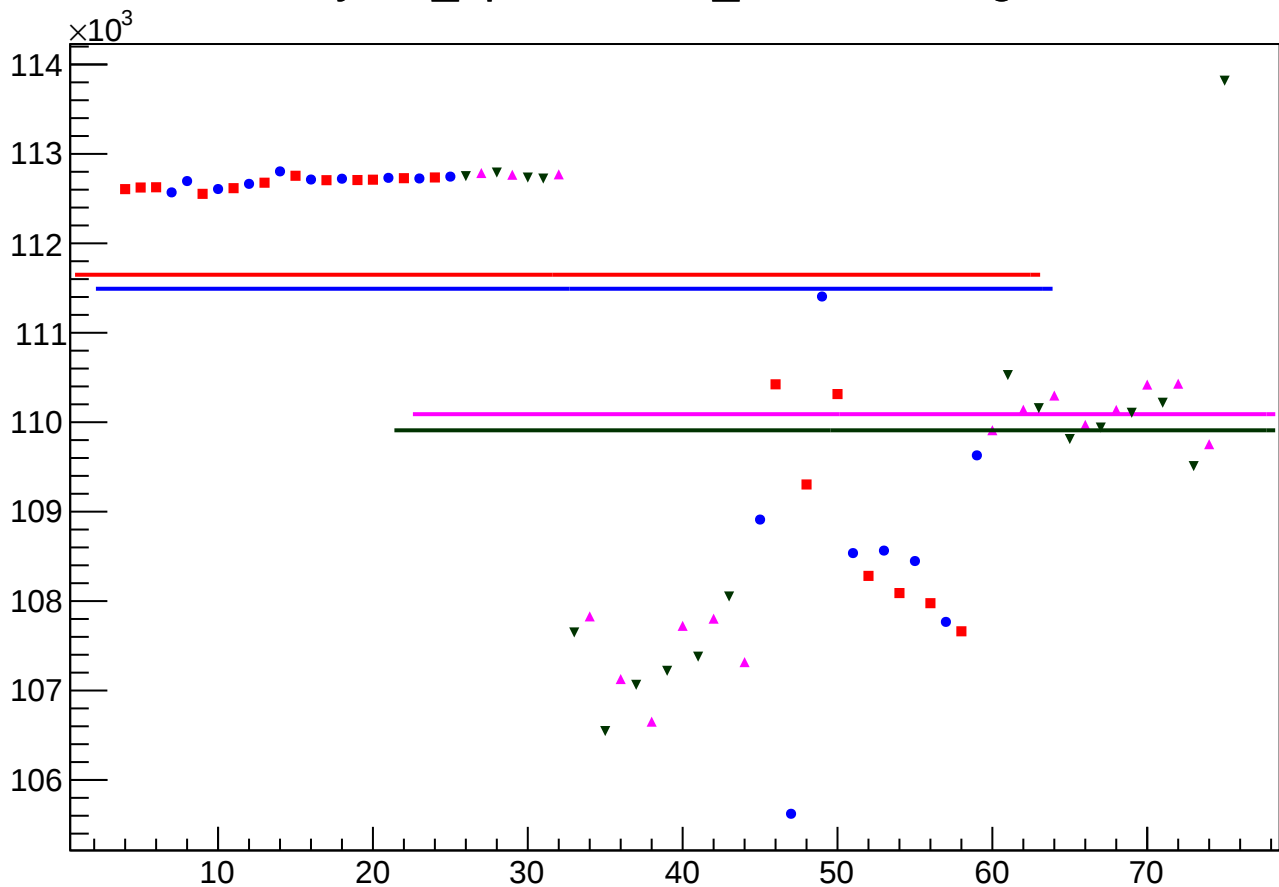
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.276+/-0.000 χ^2/NDF :207621.6/16

0.277+/-0.000 χ^2/NDF : 563536.8/35

0.270+/-0.000 χ^2/NDF : 724013.3/35

yield_bpm2i01WS_mean vs slug



Right In: 111492.185 $\pm$ 0.035 χ^2 /NDF: 3171680490.6/17

Left Out: 109909.472 $\pm$ 0.042 χ^2 /NDF: 3013485766.6/17

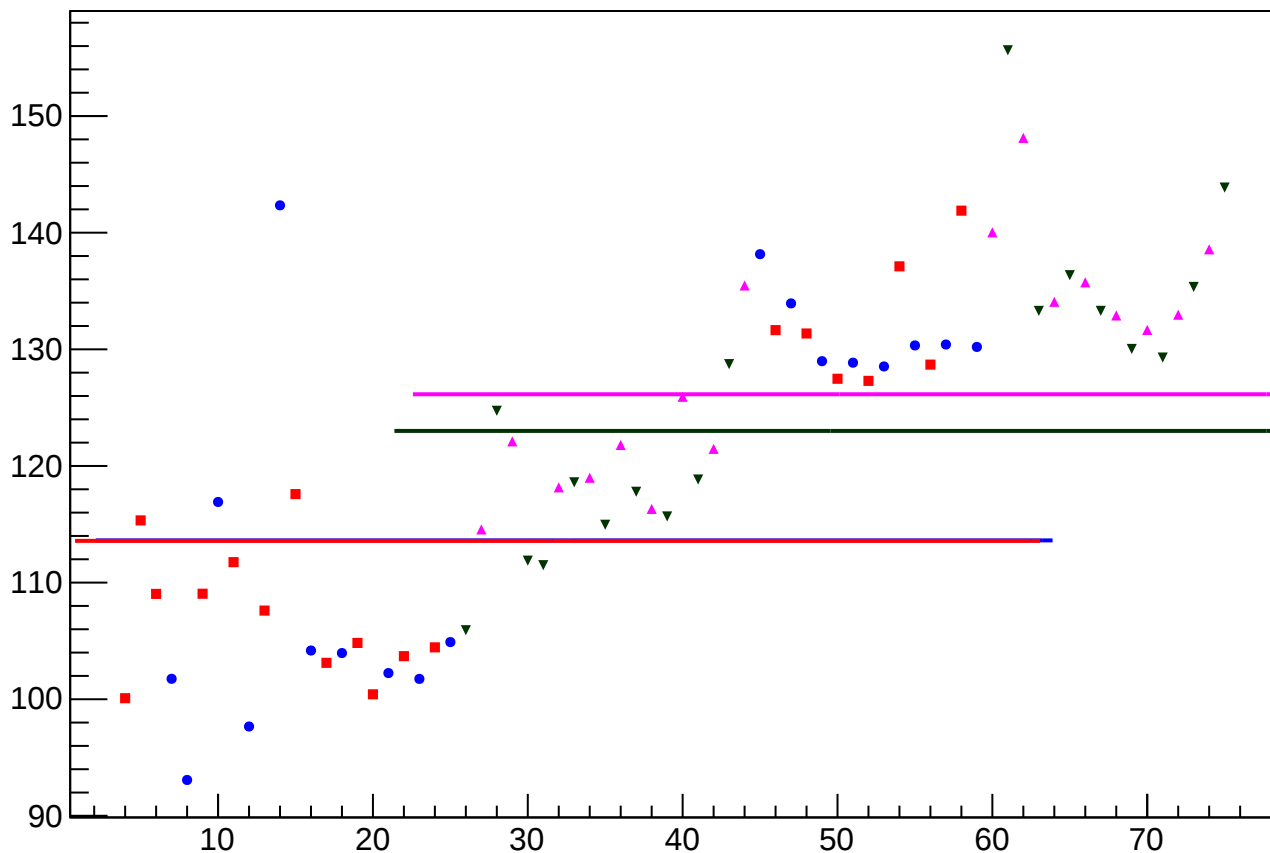
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110089.850 $\pm$ 0.042 χ^2 /NDF: 2601466010.5/16

110851.651 $\pm$ 0.027 χ^2 /NDF: 7015473360.9/35

110969.754 $\pm$ 0.028 χ^2 /NDF: 5663811092.8/35

yield_bpm2i01WS_rms vs slug



Right In: 113.620 $\pm$ 0.025 χ^2 /NDF: 422351.8/17

Left Out: 123.006 $\pm$ 0.030 χ^2 /NDF:131052.3/17

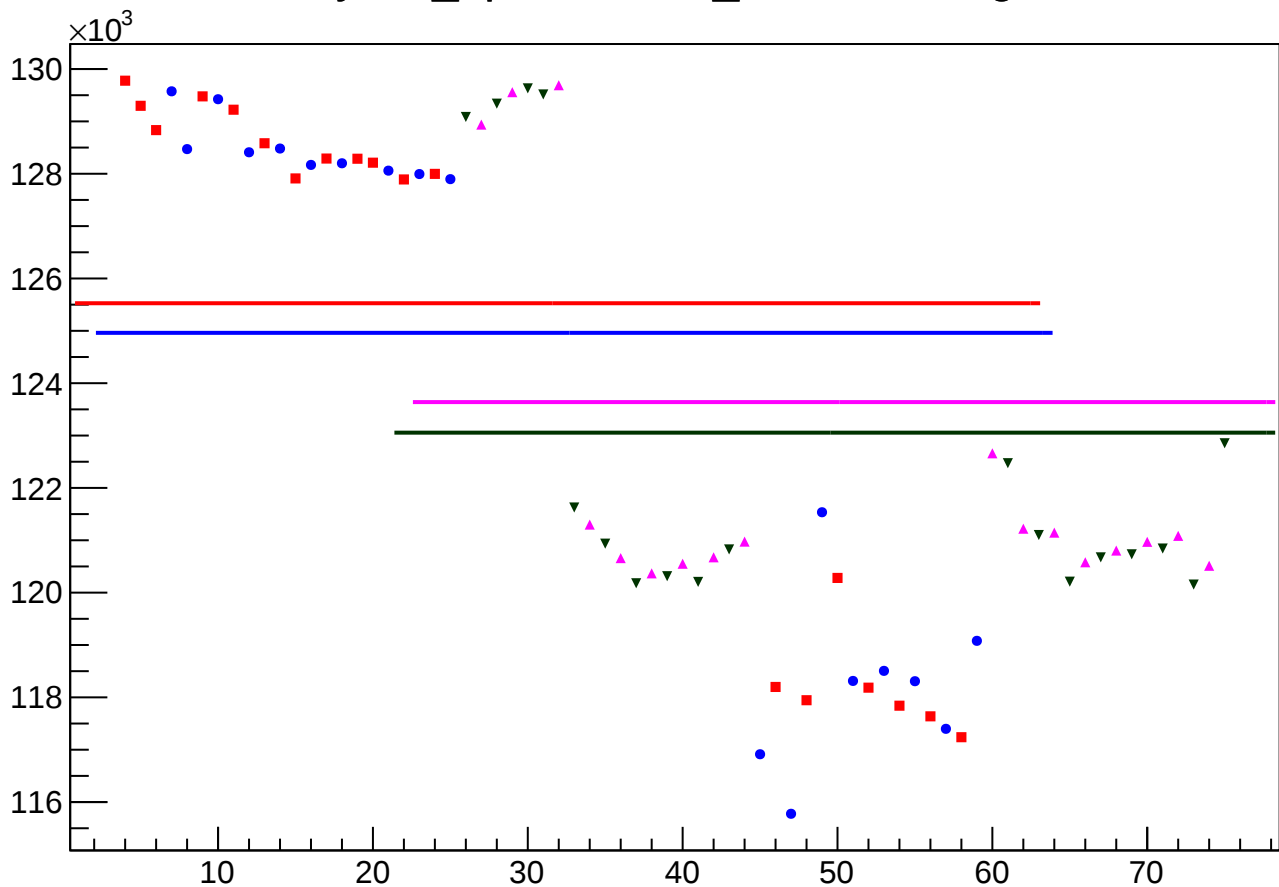
Right Out: 113.579 $\pm$ 0.026 χ^2 /NDF: 206805.2/18

Left In: 126.148 $\pm$ 0.030 χ^2 /NDF:89626.4/16

117.418 $\pm$ 0.019 χ^2 /NDF: 611805.2/35

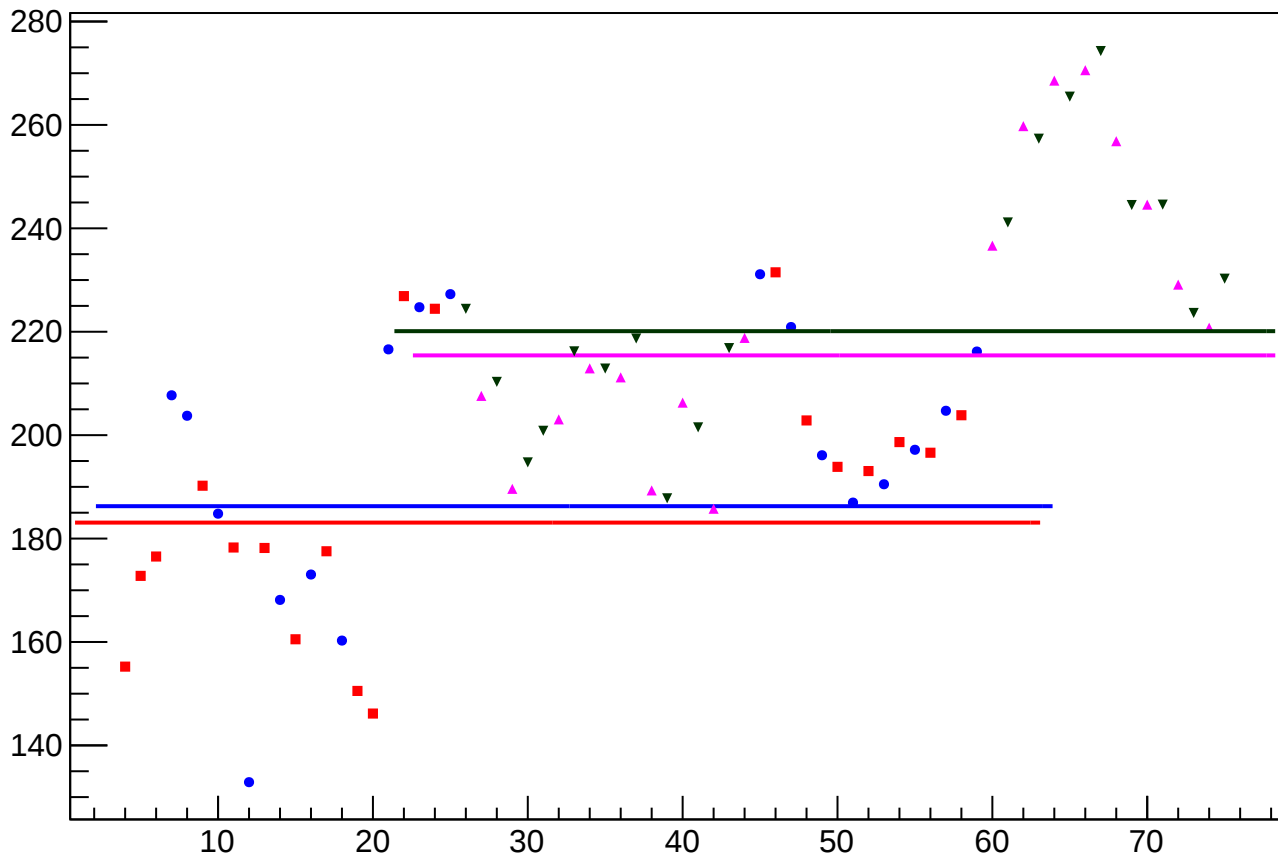
119.055 $\pm$ 0.020 χ^2 /NDF: 395698.2/35

yield_bpm0i07WS_mean vs slug



Right In: 124961.680 $\pm$ 0.057 χ^2 /NDF: 7216201458.1/17
 Left Out: 123055.444 $\pm$ 0.073 χ^2 /NDF: 2728580243.4/17
 Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18
 Left In: 123639.097 $\pm$ 0.070 χ^2 /NDF: 3231975817.6/16

yield_bpm0i07WS_rms vs slug



Right In: 186.263+/-0.040 χ^2/NDF : 462392.0/17

Left Out: 220.112+/-0.052 χ^2/NDF :196167.9/17

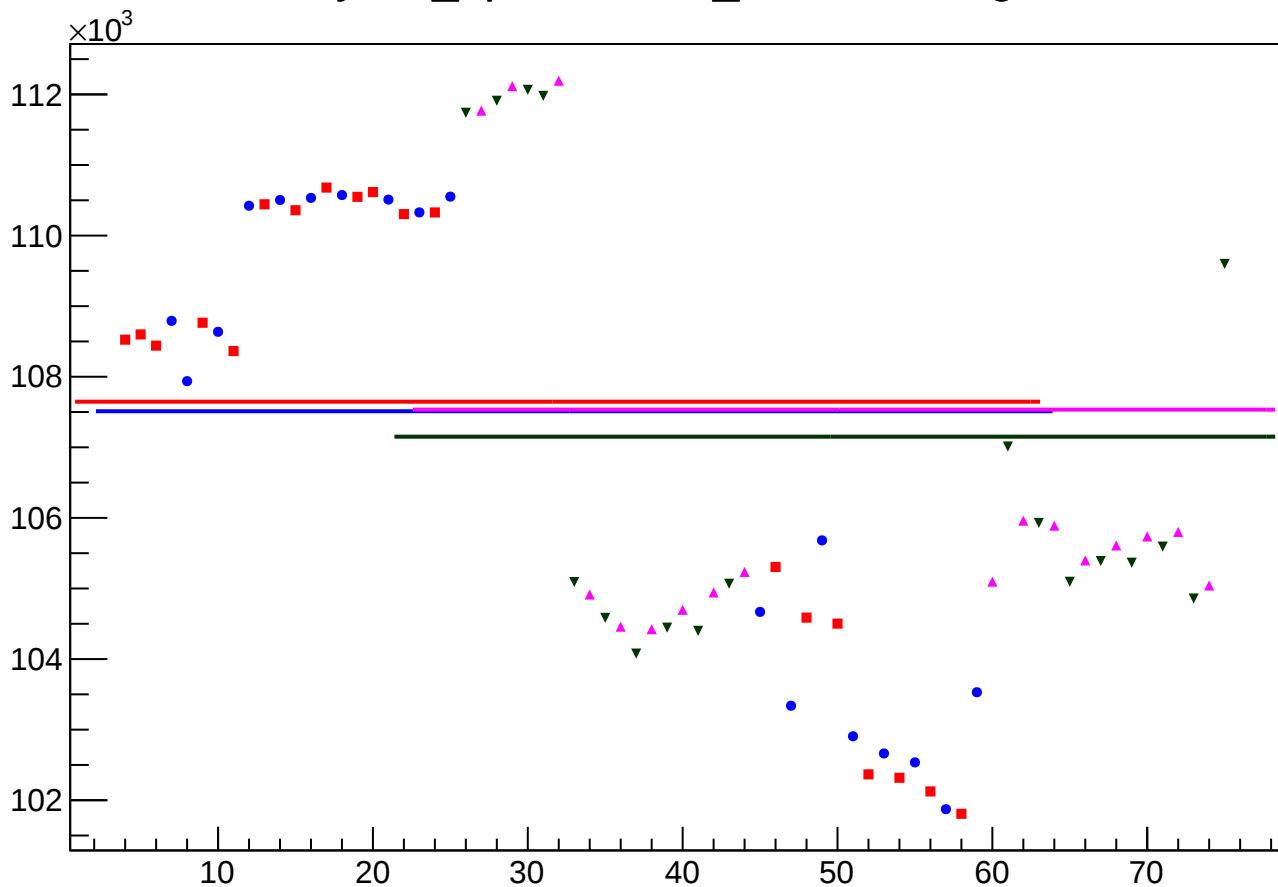
Right Out: 183.088+/-0.042 χ^2/NDF : 276420.3/18

Left In: 215.426+/-0.050 χ^2/NDF :250695.9/16

198.981+/-0.032 χ^2/NDF : 925541.6/35

196.614+/-0.032 χ^2/NDF : 773838.8/35

yield_bpm0l01WS_mean vs slug



Right In: 107511.375 $\pm$ 0.037 χ^2 /NDF: 7545366390.6/17

Left Out: 107150.804 $\pm$ 0.042 χ^2 /NDF: 5905732914.3/17

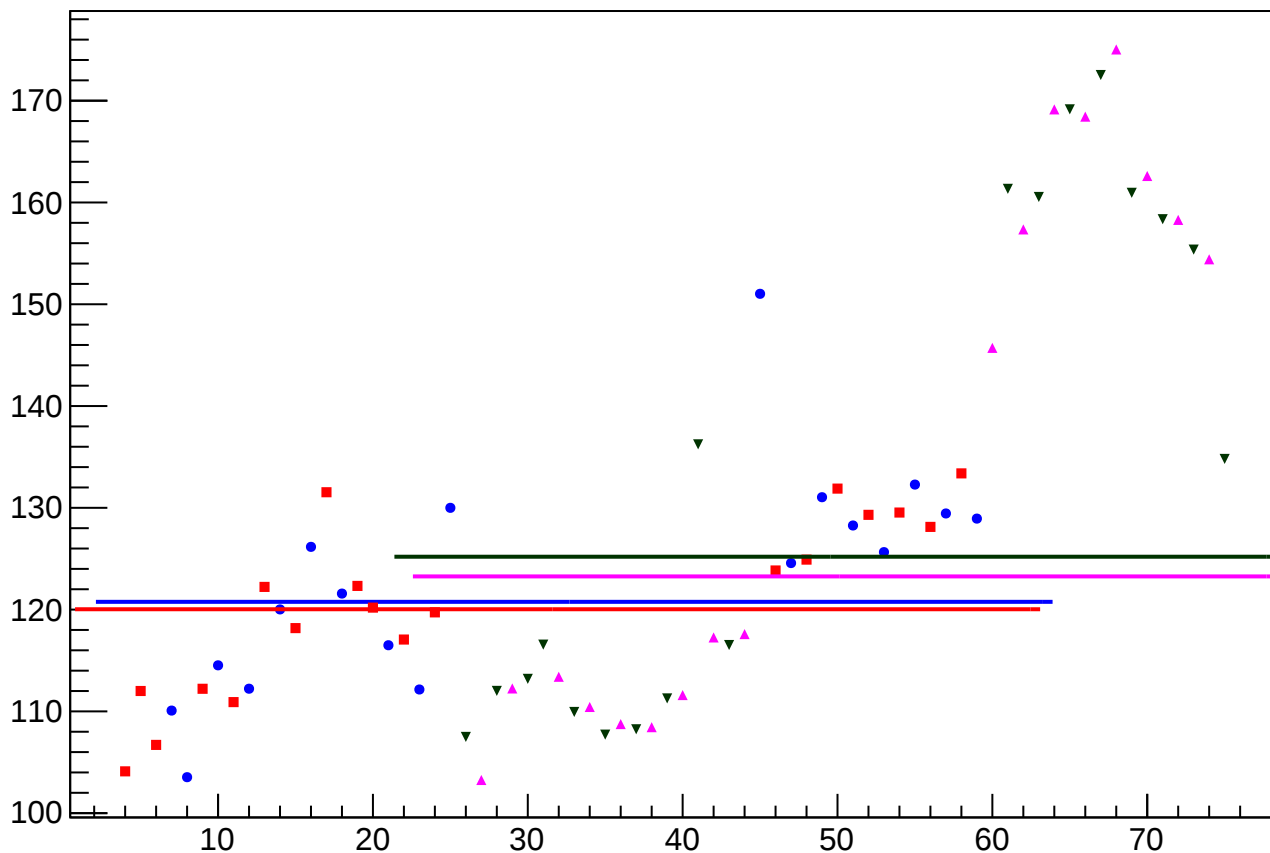
Right Out: 107646.372 $\pm$ 0.039 χ^2 /NDF: 6547636060.9/18

Left In: 107533.900 $\pm$ 0.041 χ^2 /NDF: 6812262703.0/16

107356.404 $\pm$ 0.028 χ^2 /NDF: 13492836909.5/3

107592.534 $\pm$ 0.028 χ^2 /NDF: 13363895608.1/3

yield_bpm0l01WS_rms vs slug



Right In: 120.763+/-0.026 χ^2/NDF : 155732.1/17

Left Out: 125.196+/-0.030 χ^2/NDF : 532175.7/17

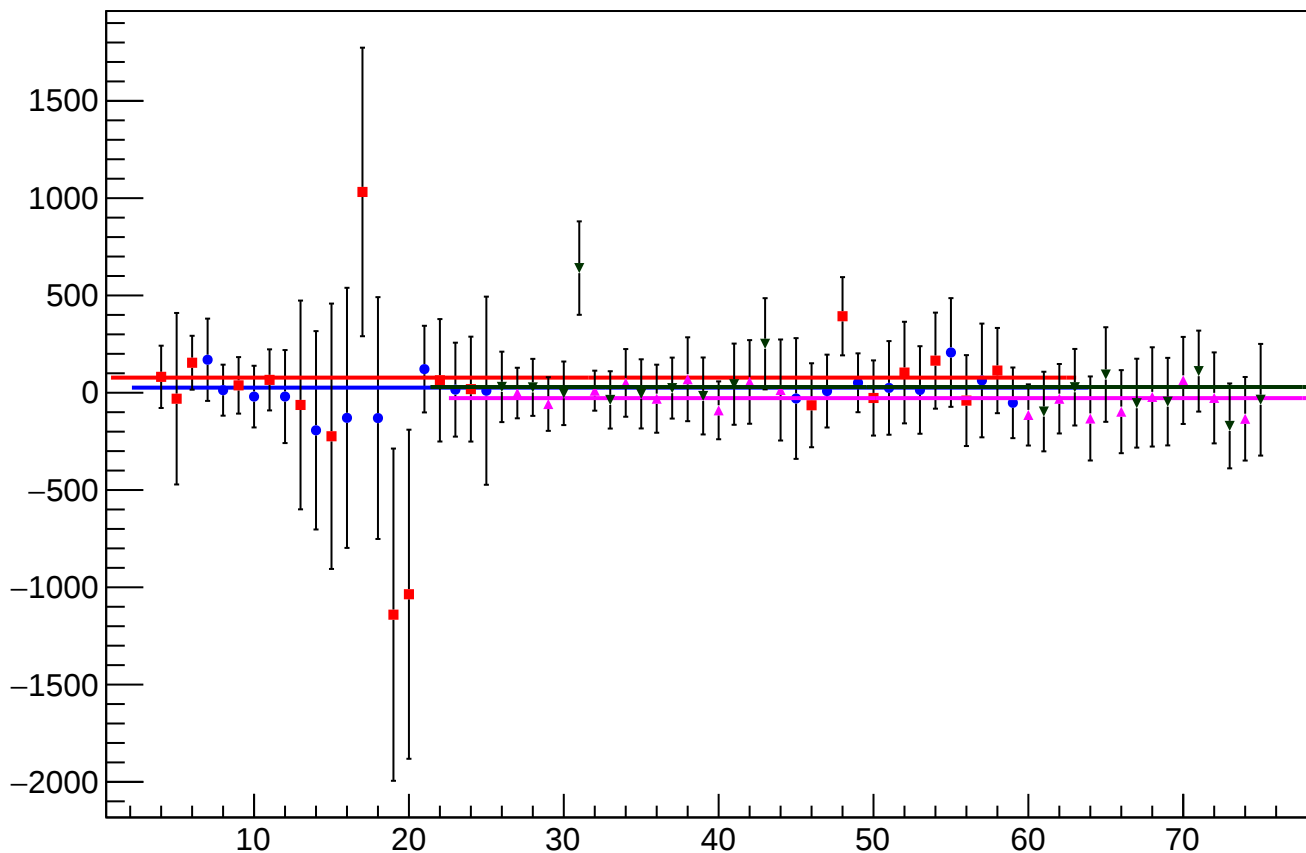
Right Out: 120.035+/-0.028 χ^2/NDF : 93920.3/18

Left In: 123.261+/-0.029 χ^2/NDF : 606018.1/16

122.668+/-0.020 χ^2/NDF : 700522.9/35

121.579+/-0.020 χ^2/NDF : 706515.5/35

asym_bcm_an_ds_mean vs slug



Right In: 26.246 ± 52.510 χ^2/NDF : 1.8/17

Left Out: 29.405 ± 45.692 χ^2/NDF : 9.5/17

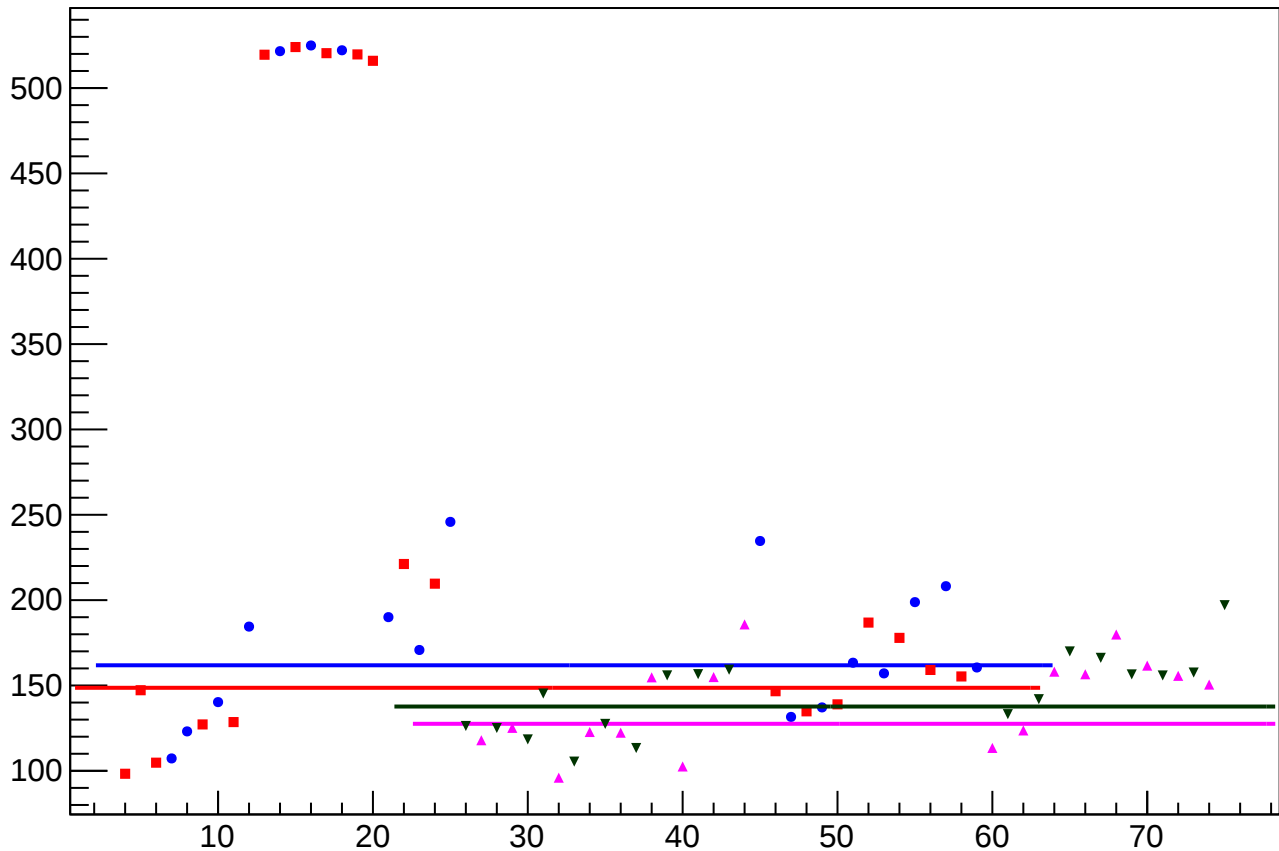
Right Out: 77.703 ± 52.586 χ^2/NDF : 9.8/18

Left In: -27.672 ± 42.036 χ^2/NDF : 2.0/16

28.044 ± 34.470 χ^2/NDF : 11.2/35

13.411 ± 32.835 χ^2/NDF : 14.3/35

asym_bcm_an_ds_rms vs slug



Right In: 161.835 ± 0.037 χ^2/NDF : 3018868.1/17

Left Out: 137.673 ± 0.032 χ^2/NDF : 453489.5/17

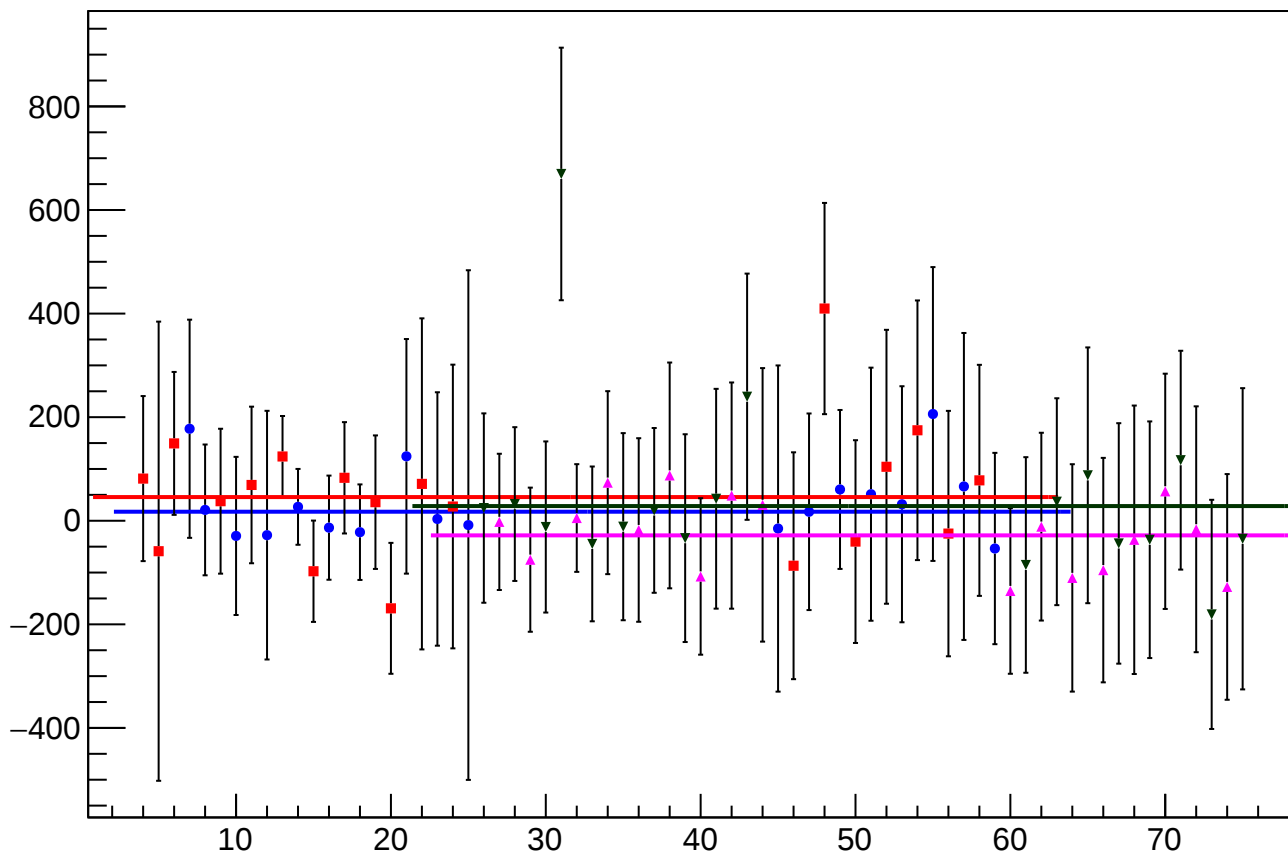
148.084 ± 0.024 χ^2/NDF : 3713340.0/35

Right Out: 148.646 ± 0.037 χ^2/NDF : 3594583.0/18

135.776 ± 0.023 χ^2/NDF : 4492201.5/35

Left In: 127.551 ± 0.030 χ^2/NDF : 701249.4/16

asym_bcm_an_ds3_mean vs slug



Right In: 17.458 ± 36.313 χ^2/NDF : 2.0/17

Left Out: 28.358 ± 46.355 χ^2/NDF : 9.8/17

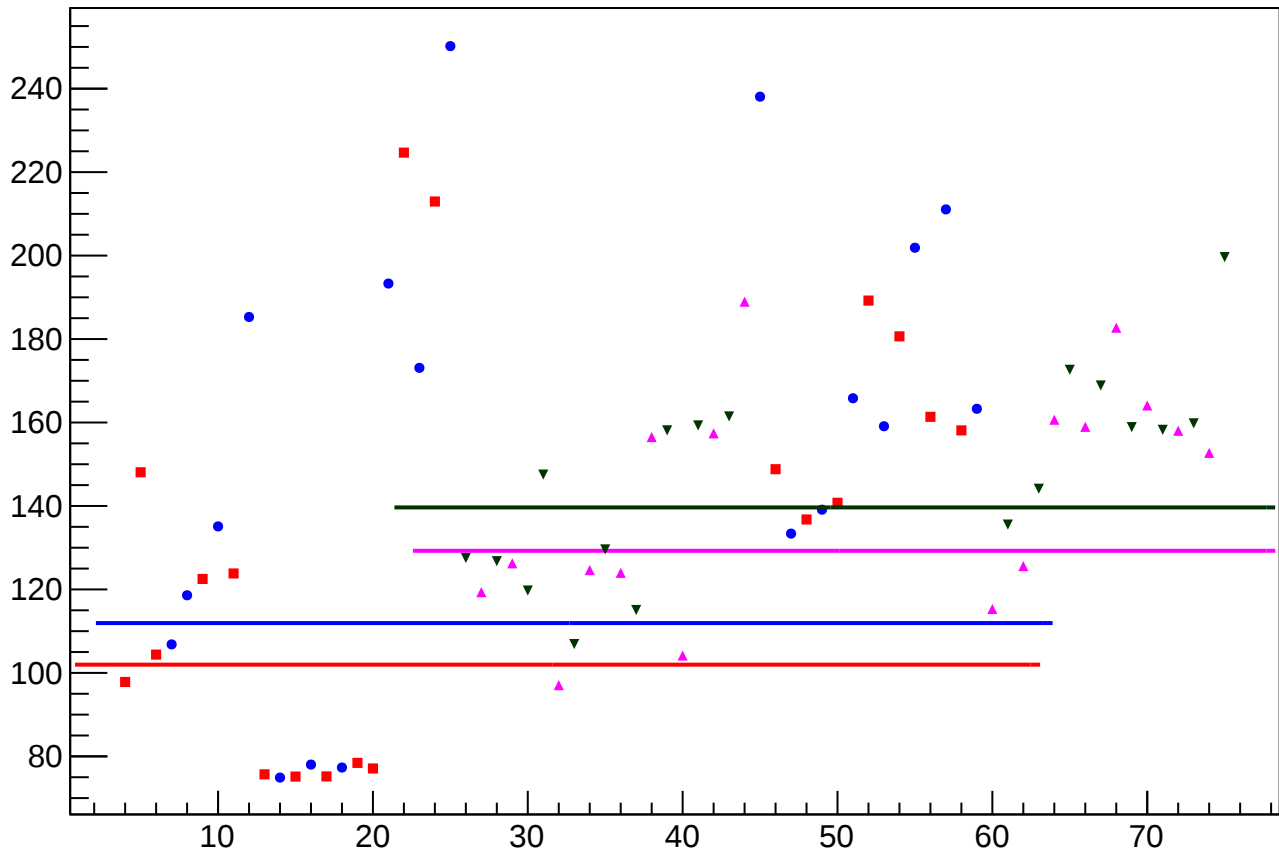
Right Out: 45.735 ± 34.677 χ^2/NDF : 11.0/18

Left In: -28.219 ± 42.612 χ^2/NDF : 2.4/16

21.603 ± 28.586 χ^2/NDF : 11.8/35

16.272 ± 26.897 χ^2/NDF : 15.2/35

asym_bcm_an_ds3_rms vs slug



Right In: 111.942 $\pm$ 0.026 χ^2 /NDF: 2972725.0/17

Left Out: 139.653 $\pm$ 0.033 χ^2 /NDF: 456331.6/17

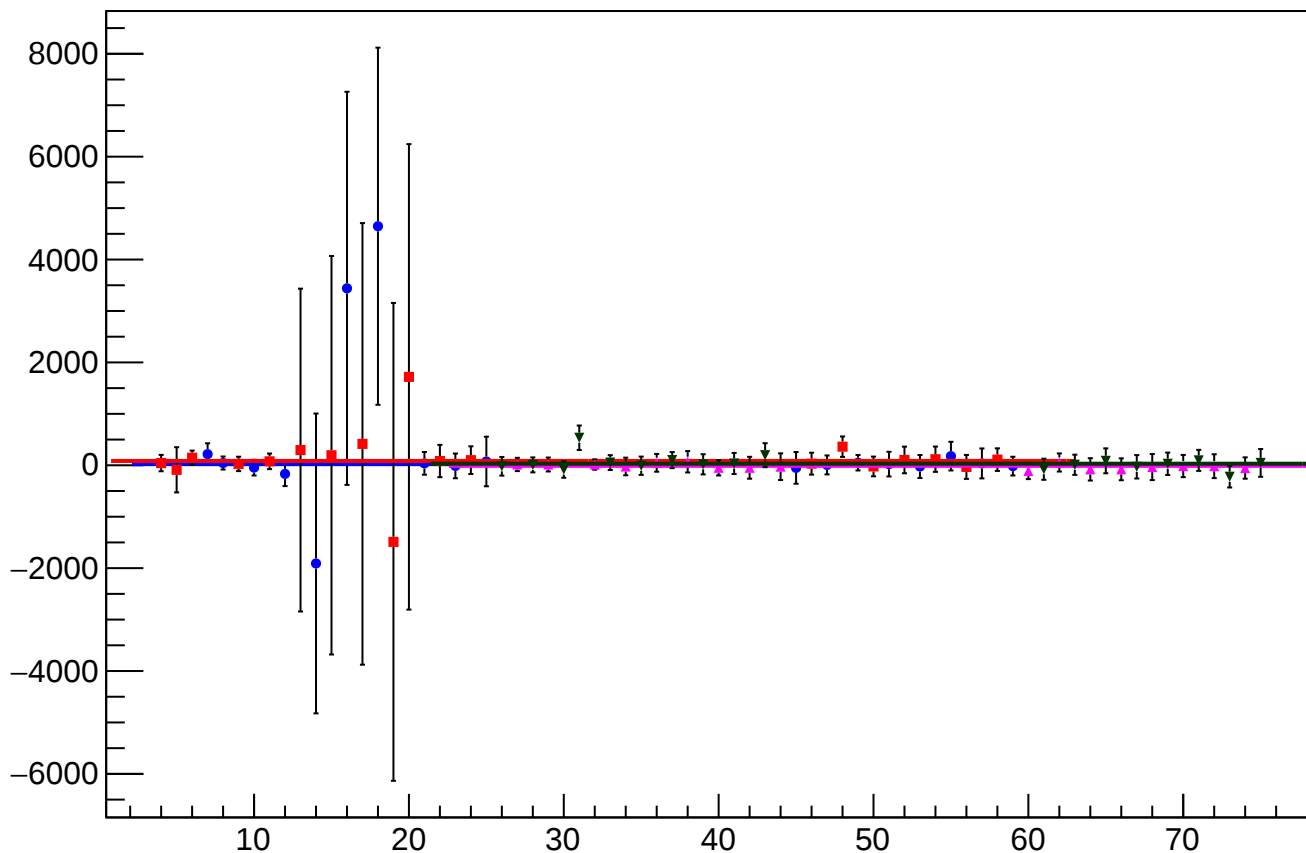
Right Out: 101.974 $\pm$ 0.025 χ^2 /NDF: 2271871.2/18

Left In: 129.263 $\pm$ 0.030 χ^2 /NDF: 708313.5/16

122.480 $\pm$ 0.020 χ^2 /NDF: 3871966.7/35

112.846 $\pm$ 0.019 χ^2 /NDF: 3473635.2/35

asym_bcm_an_us_mean vs slug



Right In: 21.772 $\pm$ 52.365 χ^2 /NDF: 5.3/17

Left Out: 30.847 $\pm$ 45.149 χ^2 /NDF: 7.9/17

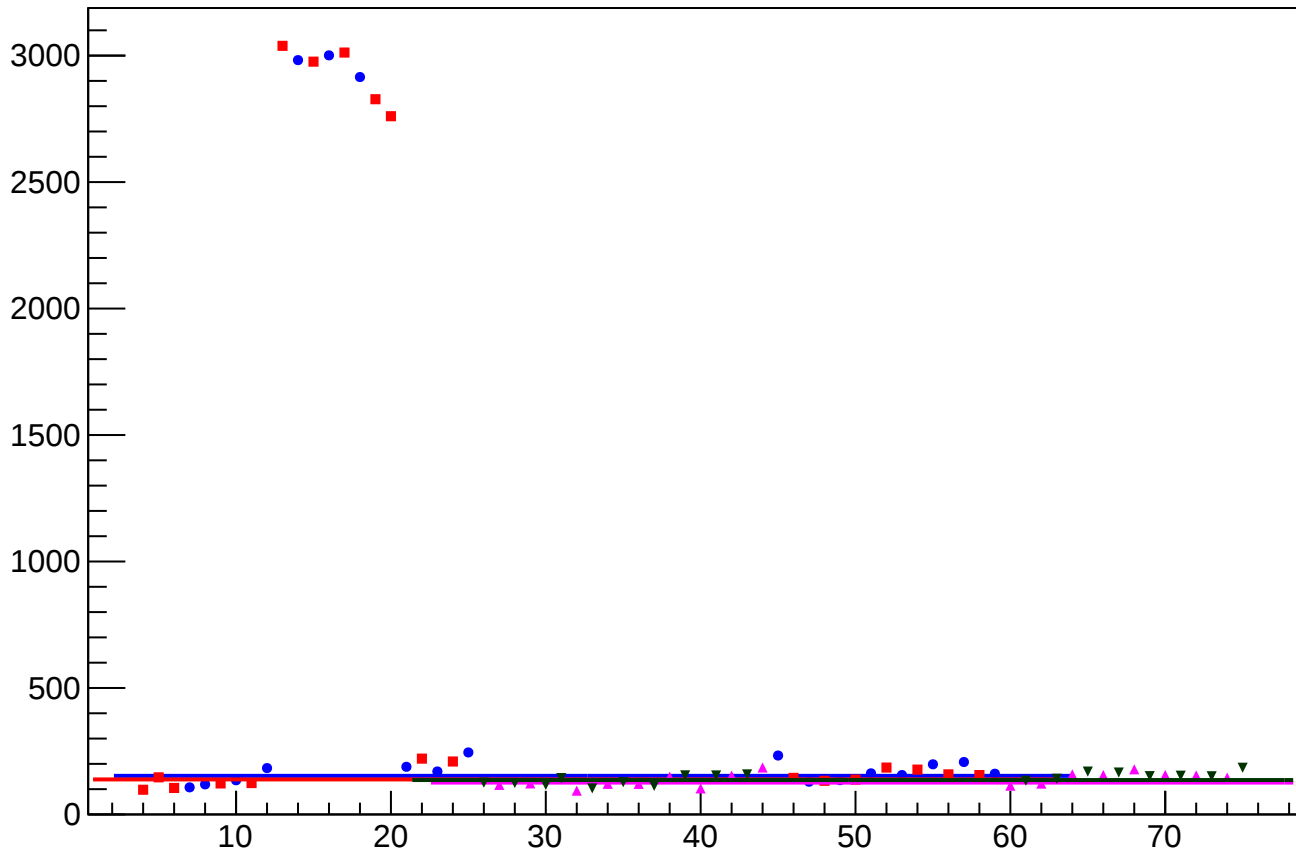
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -11.259 $\pm$ 41.521 χ^2 /NDF: 1.3/16

26.977 $\pm$ 34.194 χ^2 /NDF: 13.1/35

25.316 $\pm$ 32.599 χ^2 /NDF: 6.8/35

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 136.038+/-0.032 χ^2/NDF : 428574.6/17

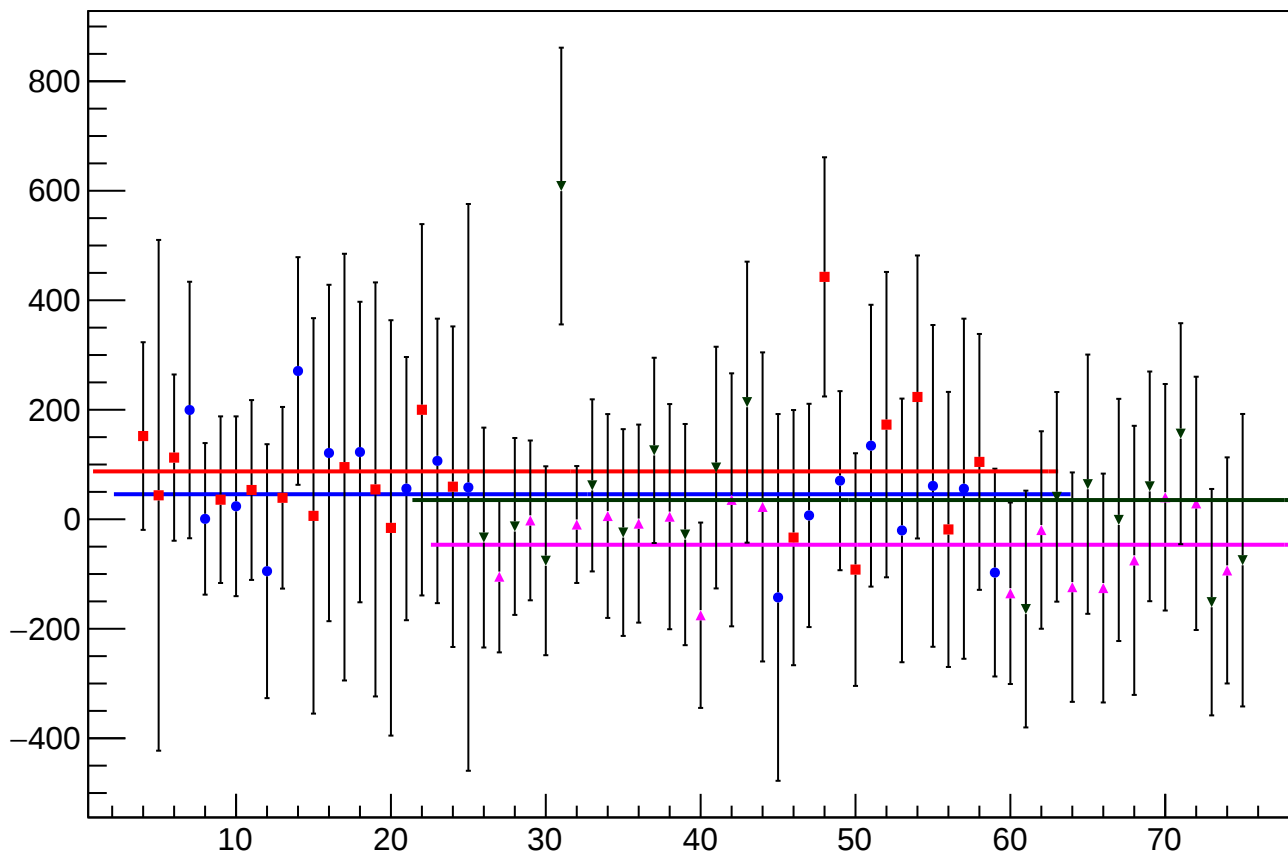
143.112+/-0.024 χ^2/NDF : 5561354.6/35

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

130.769+/-0.023 χ^2/NDF : 6502721.7/35

Left In: 125.986+/-0.029 χ^2/NDF : 698957.1/16

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 35.109+/-47.262 χ^2/NDF : 9.1/17

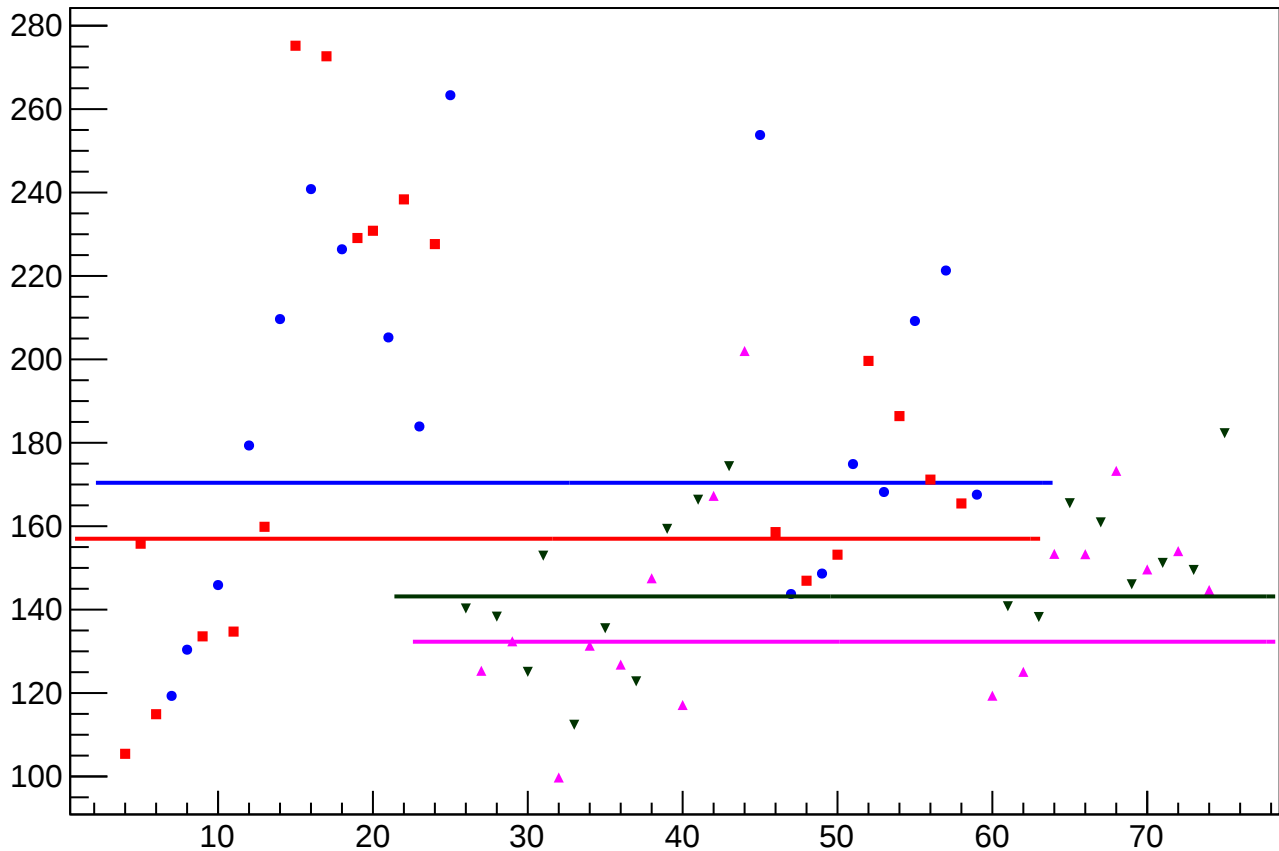
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -46.539+/-43.395 χ^2/NDF : 2.3/16

39.857+/-35.157 χ^2/NDF : 12.5/35

8.535+/-33.302 χ^2/NDF : 11.0/35

asym_bcm_dg_us_rms vs slug



Right In: 170.412 $\pm$ 0.037 χ^2 /NDF: 964671.4/17

Left Out: 143.165 $\pm$ 0.033 χ^2 /NDF:281218.5/17

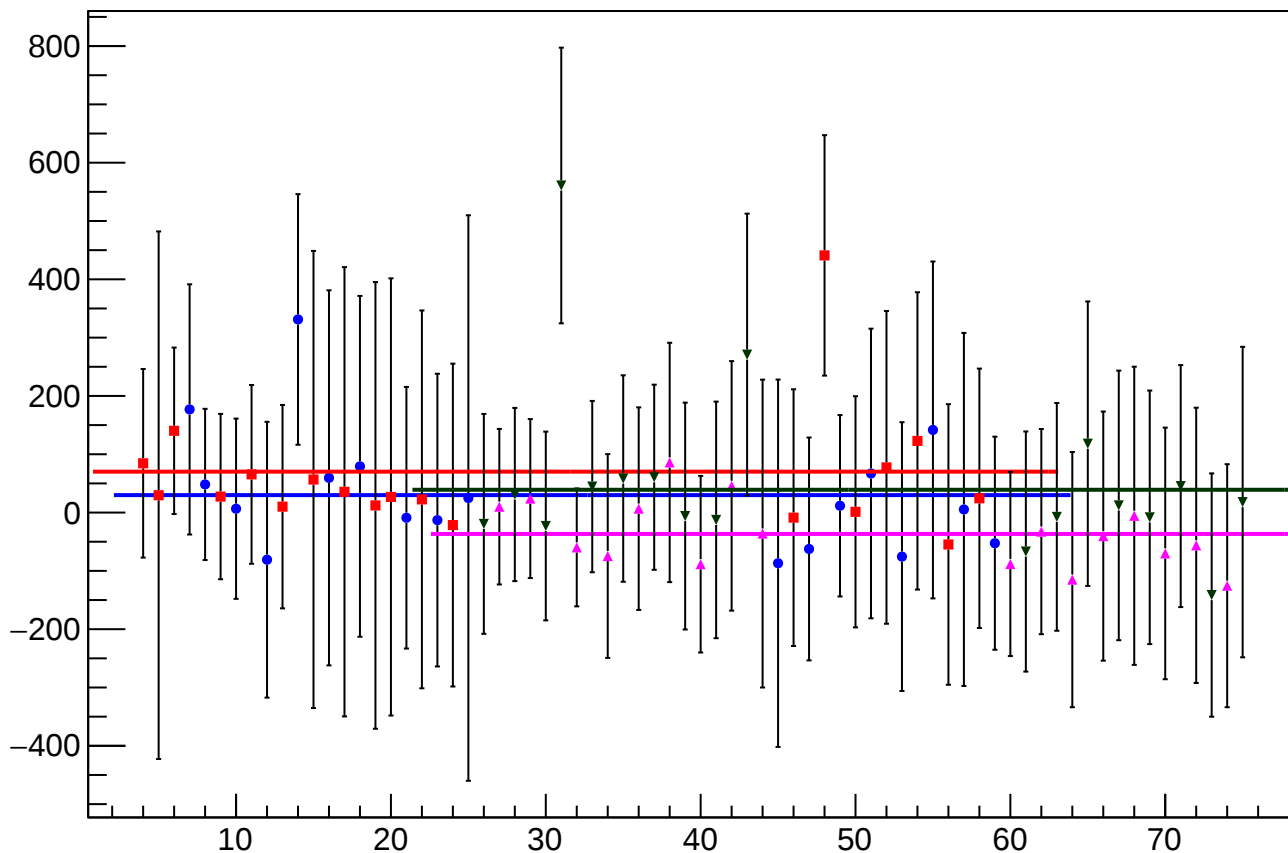
155.336 $\pm$ 0.025 χ^2 /NDF: 1542789.8/35

Right Out: 156.997 $\pm$ 0.037 χ^2 /NDF: 1276447.5/18

142.455 $\pm$ 0.024 χ^2 /NDF: 2080483.7/35

Left In: 132.304 $\pm$ 0.031 χ^2 /NDF:537839.8/16

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 39.095+/-45.543 χ^2/NDF : 7.4/17

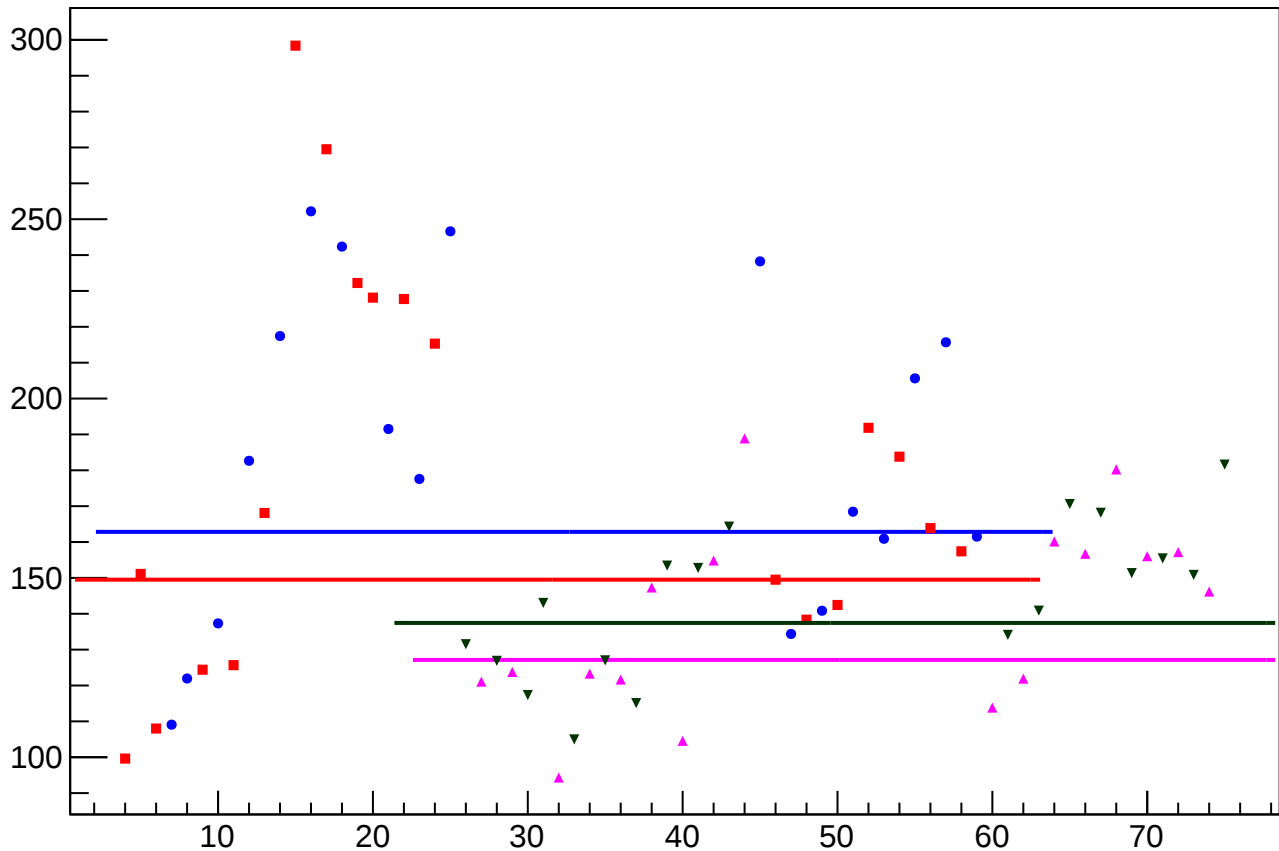
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -36.670+/-41.875 χ^2/NDF : 1.6/16

34.987+/-33.848 χ^2/NDF : 11.2/35

7.595+/-32.045 χ^2/NDF : 8.7/35

asym_bcm_dg_ds_rms vs slug



Right In: 162.833+/-0.036 χ^2/NDF : 1229021.5/17

Left Out: 137.448+/-0.032 χ^2/NDF :397816.8/17

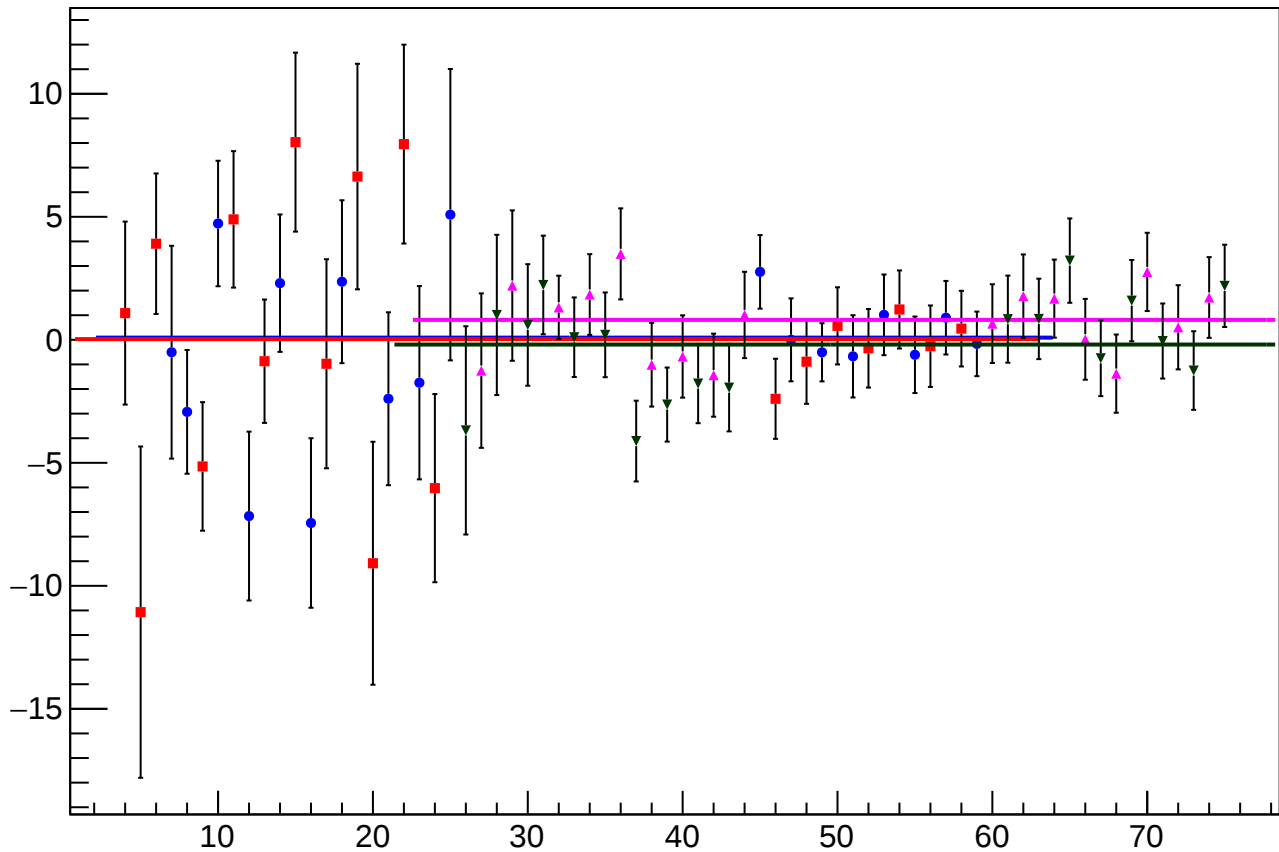
148.811+/-0.024 χ^2/NDF : 1904991.2/35

Right Out: 149.507+/-0.035 χ^2/NDF : 1490705.1/18

136.404+/-0.023 χ^2/NDF : 2424033.0/35

Left In: 127.133+/-0.030 χ^2/NDF :696748.8/16

asym_cav4bQ_mean vs slug



Right In: 0.089 ± 0.466 χ^2/NDF : 21.1/17

Left Out: -0.192 ± 0.415 χ^2/NDF : 21.2/17

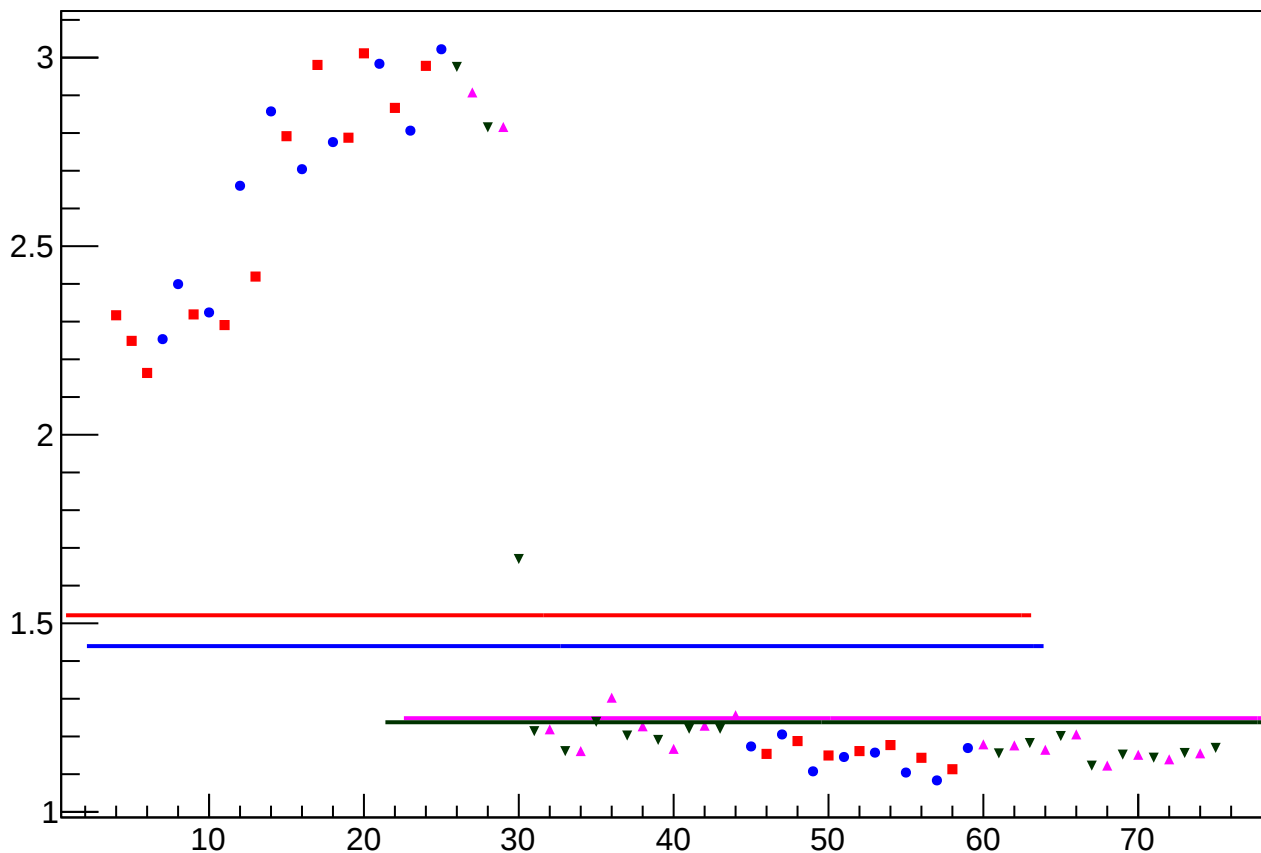
Right Out: 0.028 ± 0.520 χ^2/NDF : 31.9/18

Left In: 0.810 ± 0.413 χ^2/NDF : 11.6/16

-0.067 ± 0.310 χ^2/NDF : 42.5/35

0.507 ± 0.323 χ^2/NDF : 44.9/35

asym_cav4bQ_rms vs slug



Right In: 1.440 $\pm$ 0.000 χ^2 /NDF: 3409388.4/17

Left Out: 1.238 $\pm$ 0.000 χ^2 /NDF:915674.0/17

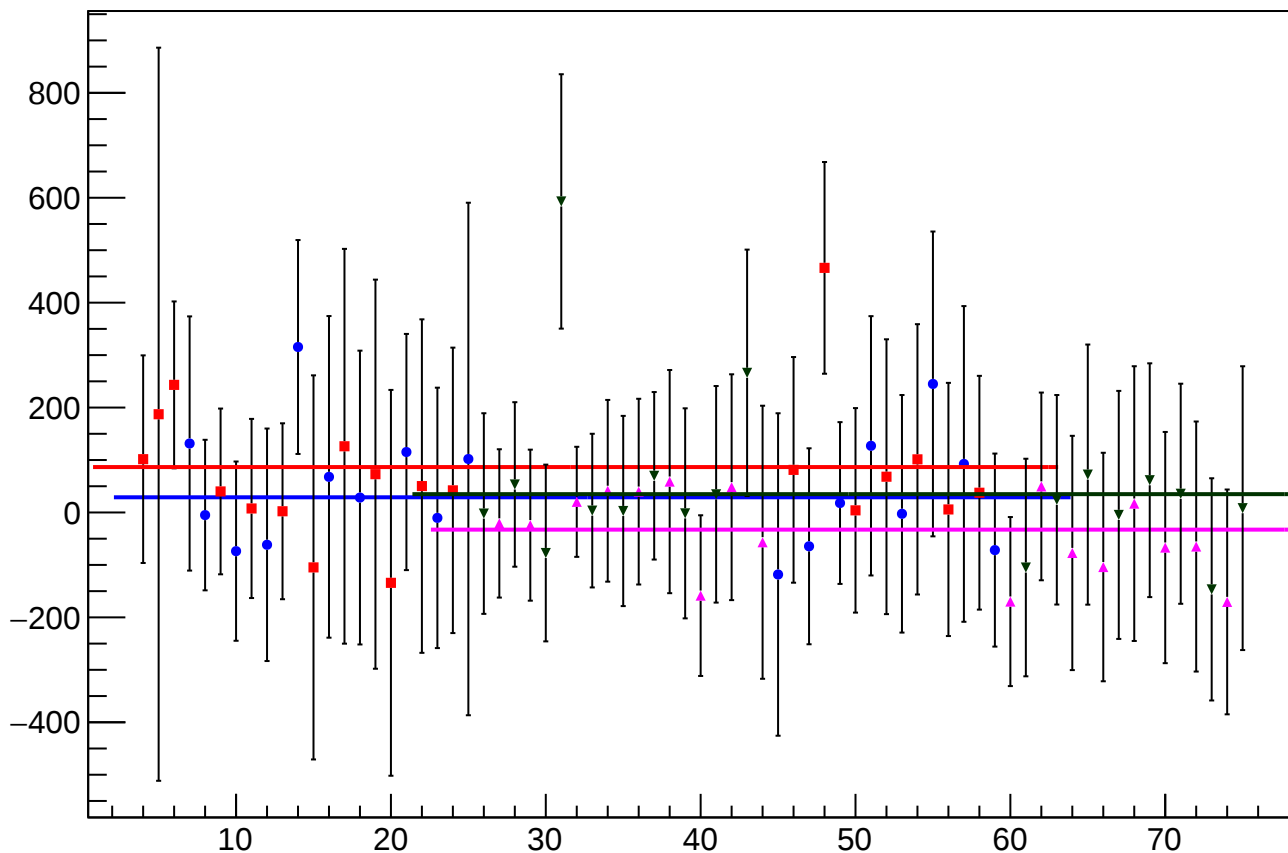
Right Out: 1.521 $\pm$ 0.000 χ^2 /NDF: 2870549.2/18

Left In: 1.248 $\pm$ 0.000 χ^2 /NDF:1147266.1/16

1.327 $\pm$ 0.000 χ^2 /NDF: 4534458.5/35

1.354 $\pm$ 0.000 χ^2 /NDF: 4355871.5/35

asym_cav4cQ_mean vs slug



Right In: 28.930 ± 51.478 χ^2/NDF : 4.5/17

Left Out: 34.925 ± 46.410 χ^2/NDF : 8.2/17

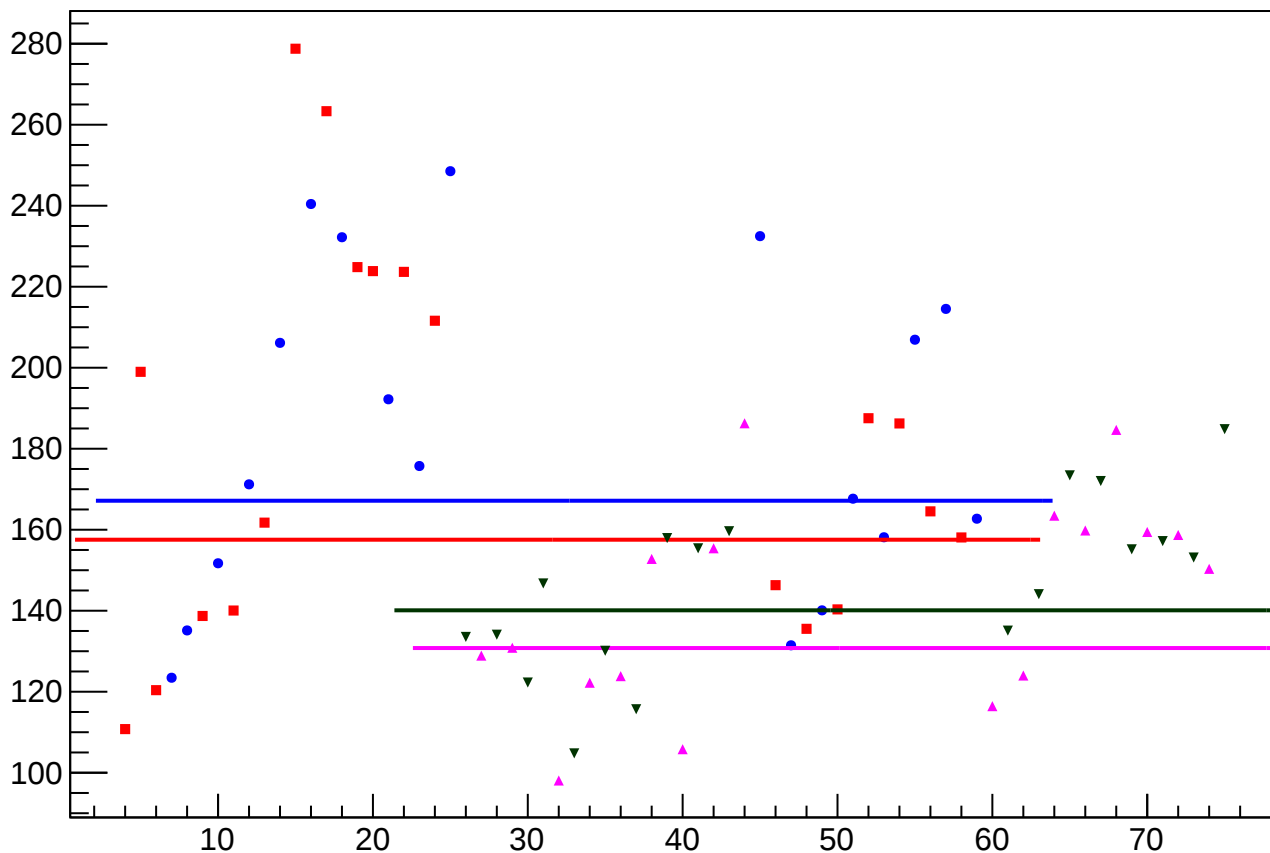
Right Out: 86.558 ± 52.059 χ^2/NDF : 6.1/18

Left In: -32.725 ± 43.001 χ^2/NDF : 3.2/16

32.237 ± 34.470 χ^2/NDF : 12.7/35

15.653 ± 33.154 χ^2/NDF : 12.4/35

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF : 875808.6/17

Left Out: 140.100+/-0.033 χ^2/NDF : 398247.1/17

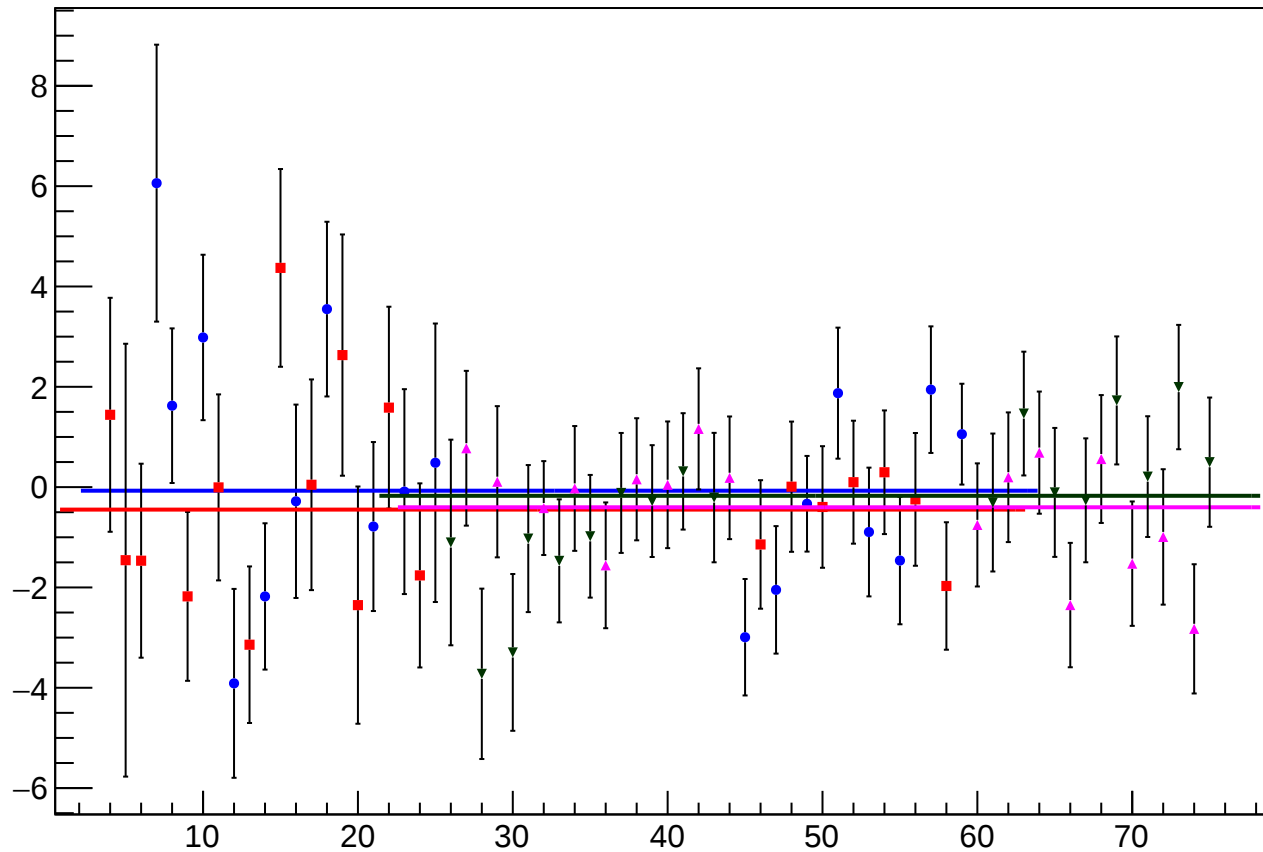
152.232+/-0.024 χ^2/NDF : 1578880.4/35

Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

141.634+/-0.023 χ^2/NDF : 2017475.5/35

Left In: 130.786+/-0.030 χ^2/NDF : 653928.9/16

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.173 ± 0.307 χ^2/NDF : 18.1/17

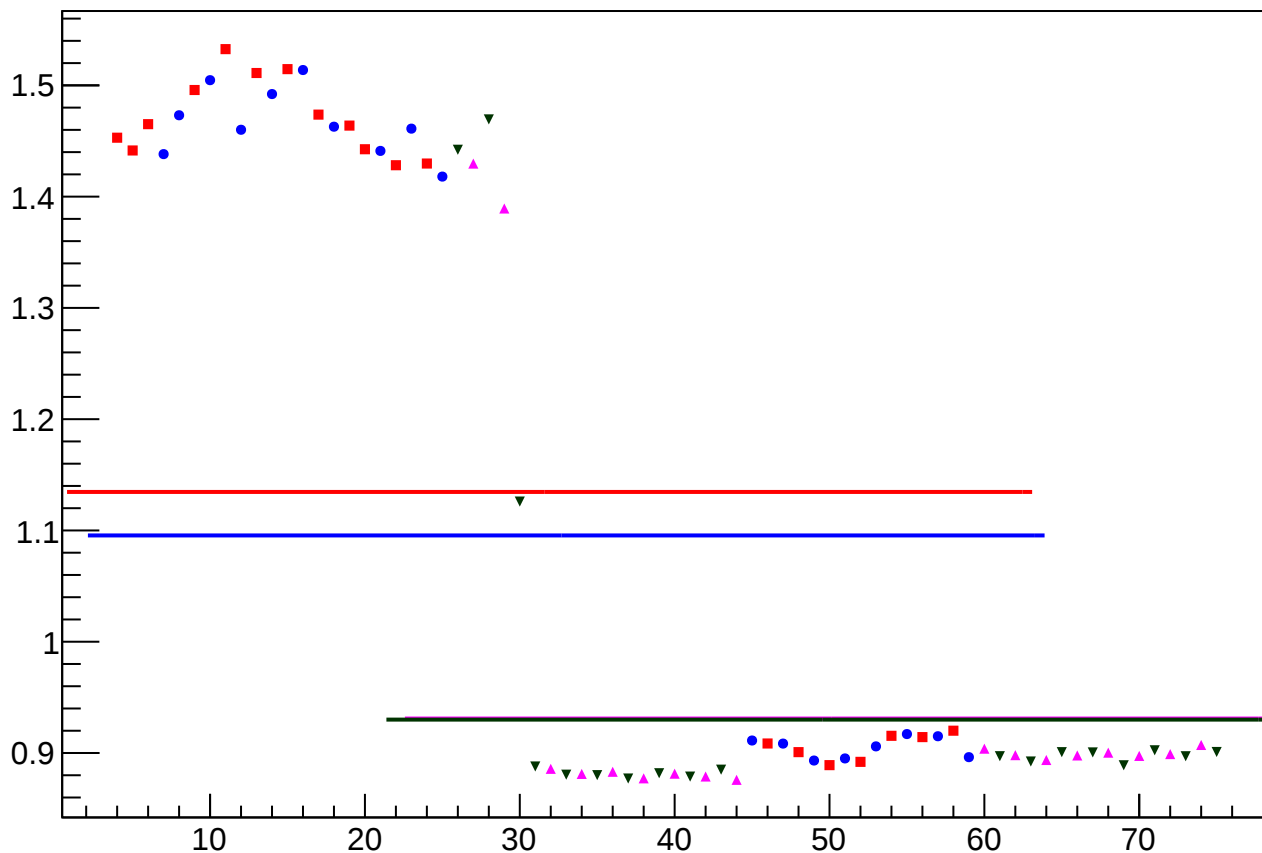
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.402 ± 0.302 χ^2/NDF : 12.6/16

-0.127 ± 0.226 χ^2/NDF : 55.0/35

-0.420 ± 0.234 χ^2/NDF : 30.0/35

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF : 1288766.9/17

Left Out: 0.930+/-0.000 χ^2/NDF : 390982.6/17

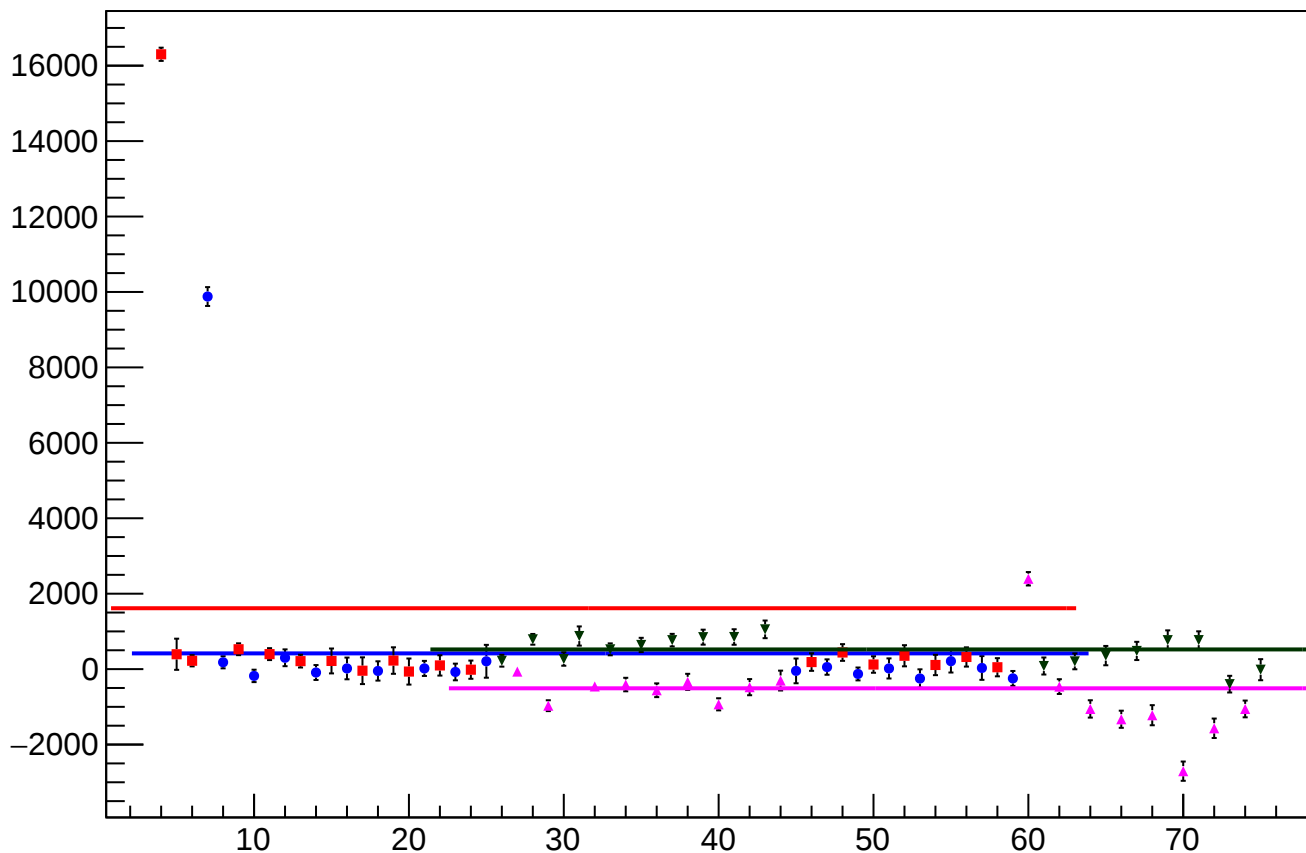
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.931+/-0.000 χ^2/NDF : 429472.9/16

1.005+/-0.000 χ^2/NDF : 1945049.6/35

1.013+/-0.000 χ^2/NDF : 1955591.5/35

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 522.019+/-47.150 χ^2/NDF : 53.8/17

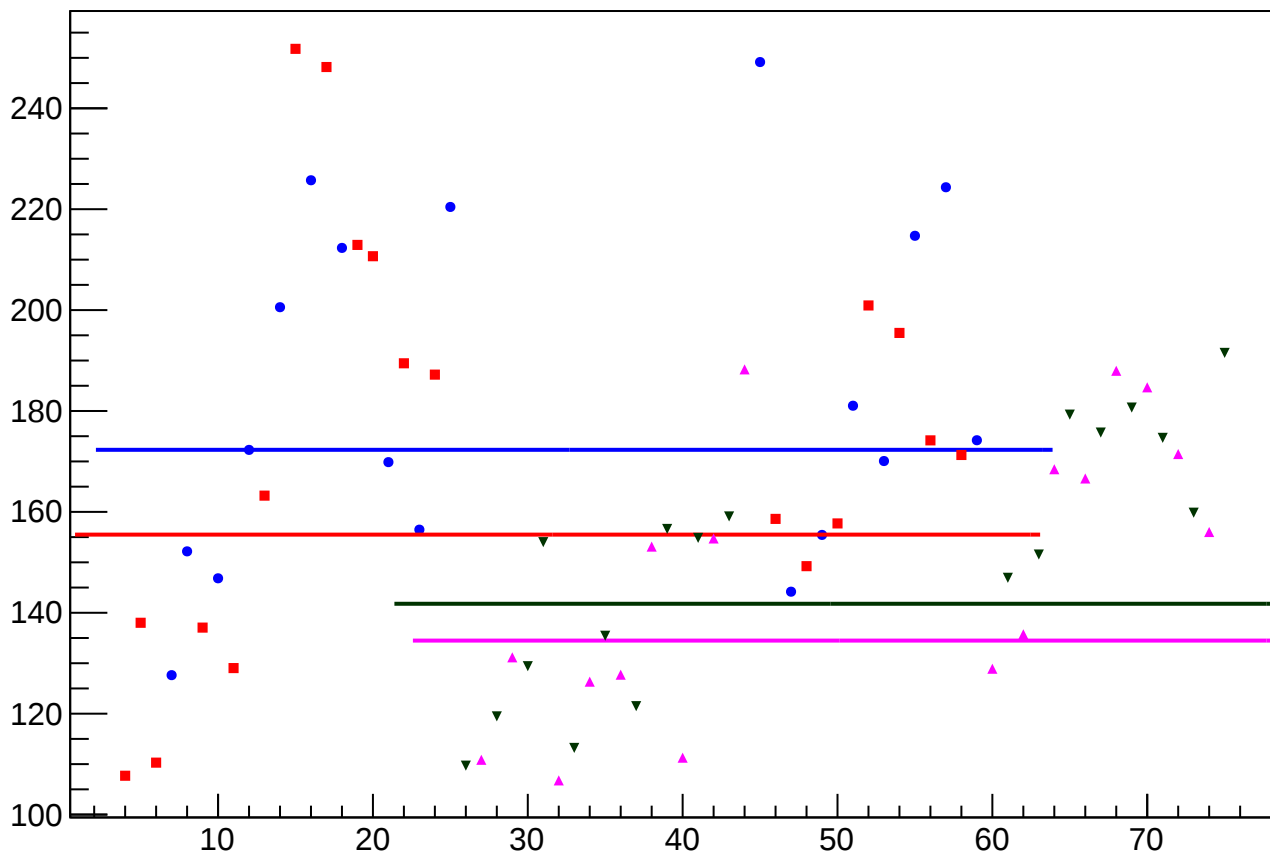
Right Out: 1614.499+/-51.138 χ^2/NDF : 7665.3/18

Left In: -508.723+/-44.173 χ^2/NDF : 421.5/16

475.348+/-35.120 χ^2/NDF : 1564.0/35

398.555+/-33.429 χ^2/NDF : 9074.0/35

asym_bcm0l02_rms vs slug



Right In: 172.303+/-0.037 χ^2/NDF : 600813.3/17

Left Out: 141.786+/-0.033 χ^2/NDF :524171.1/17

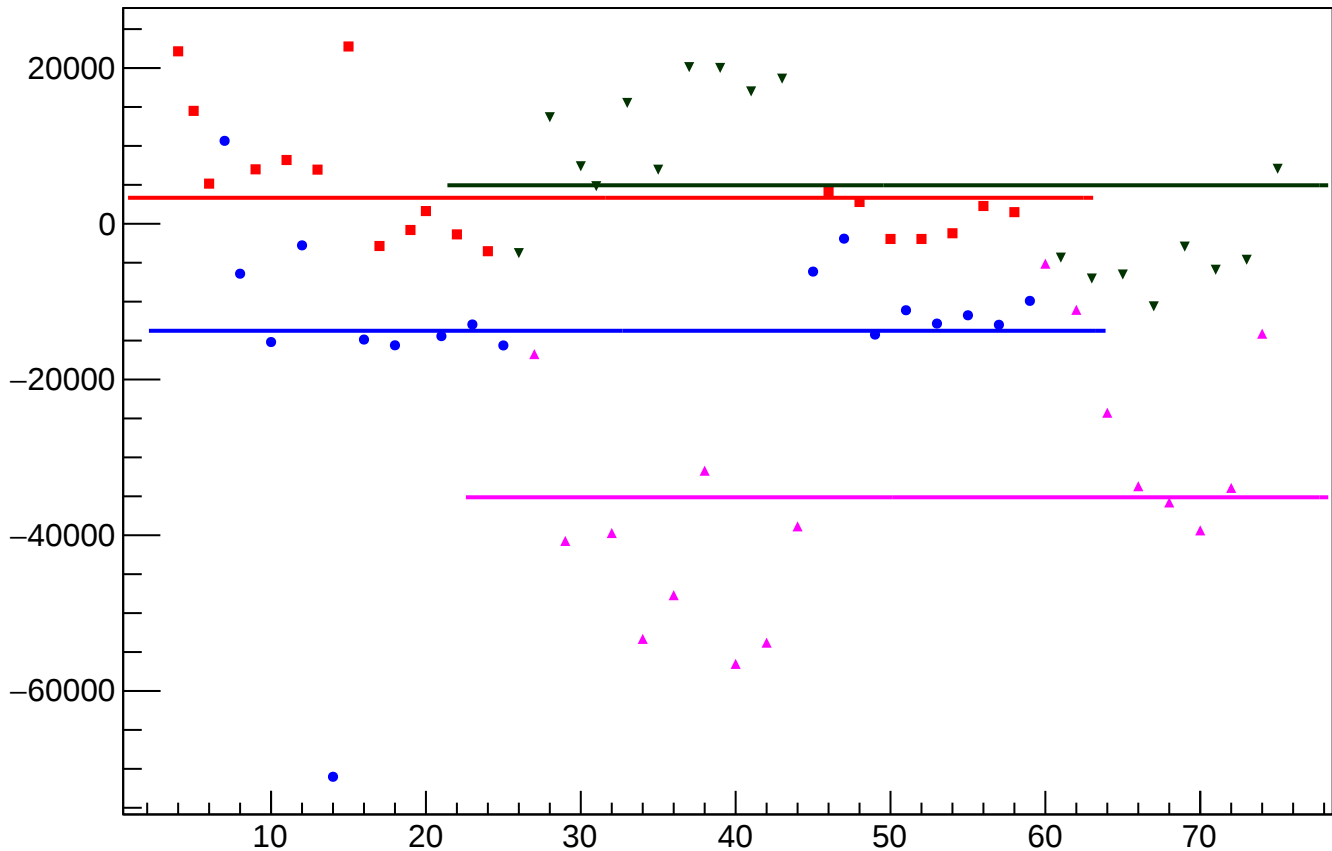
155.372+/-0.025 χ^2/NDF : 1497977.9/35

Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

143.464+/-0.024 χ^2/NDF : 1876272.1/35

Left In: 134.488+/-0.031 χ^2/NDF :664276.3/16

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 4943.842+/-30.911 χ^2/NDF :124669.0/17

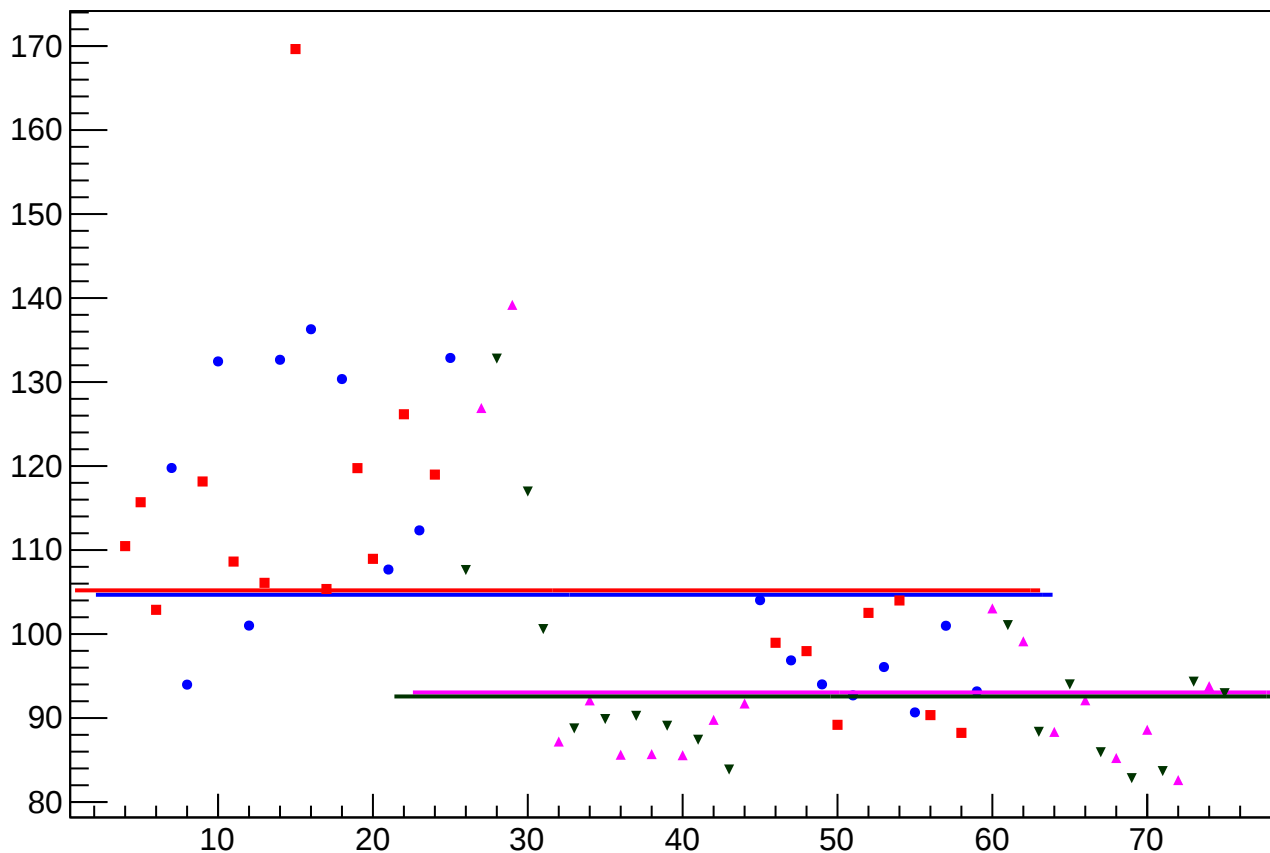
-4060.144+/-22.250 χ^2/NDF : 522938.4/35

Right Out: 3338.926+/-34.258 χ^2/NDF : 31361.1/18

-18006.632+/-22.854 χ^2/NDF : 938677.6/35

Left In: -35124.560+/-30.678 χ^2/NDF :207725.9/16

asym_bpm2i01WS_rms vs slug



Right In: 104.677 $\pm$ 0.023 χ^2 /NDF: 431749.6/17

Left Out: 92.569 $\pm$ 0.022 χ^2 /NDF:250269.1/17

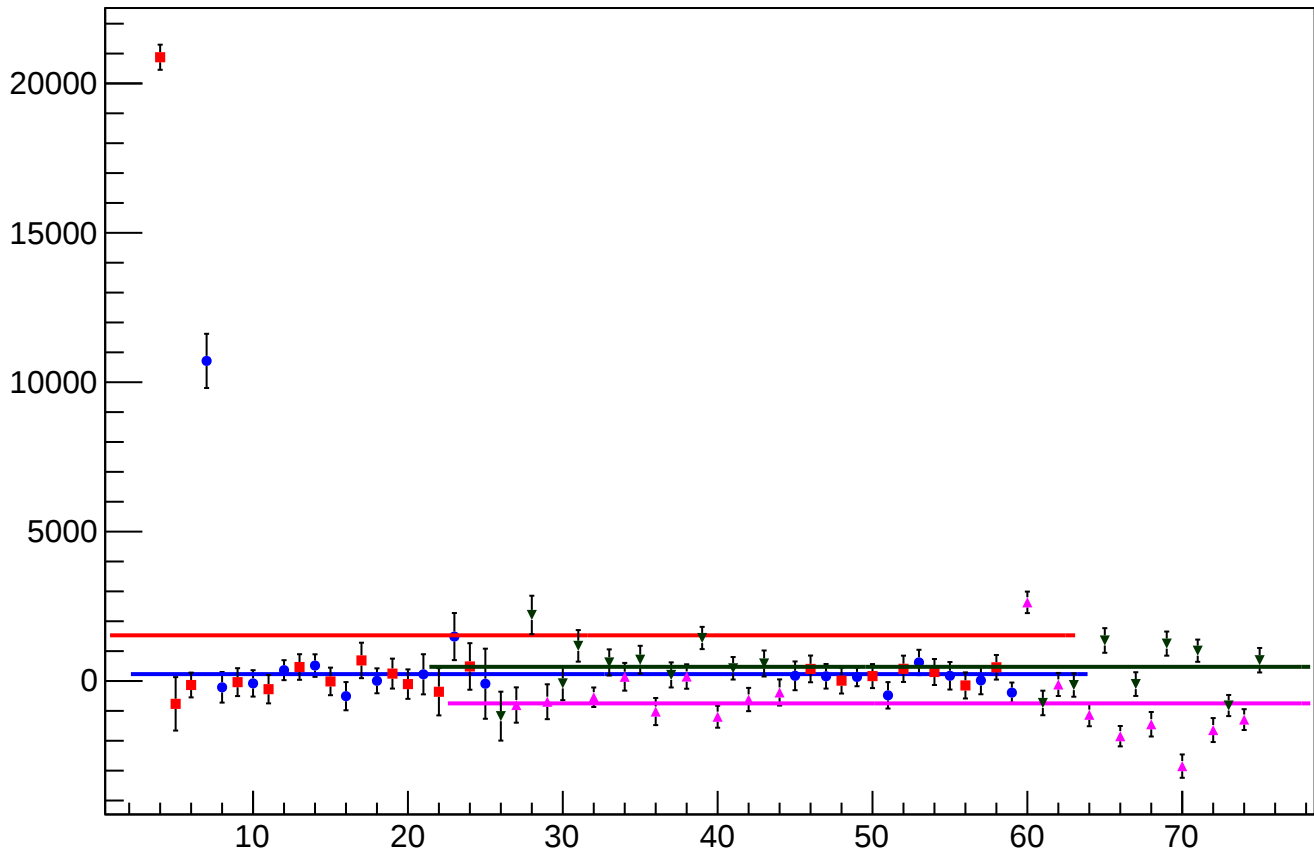
Right Out: 105.200 $\pm$ 0.024 χ^2 /NDF: 336723.5/18

Left In: 93.047 $\pm$ 0.022 χ^2 /NDF:359682.1/16

98.403 $\pm$ 0.016 χ^2 /NDF: 829883.7/35

98.456 $\pm$ 0.016 χ^2 /NDF: 836099.4/35

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 474.609+/-101.165 χ^2/NDF : 59.0/17

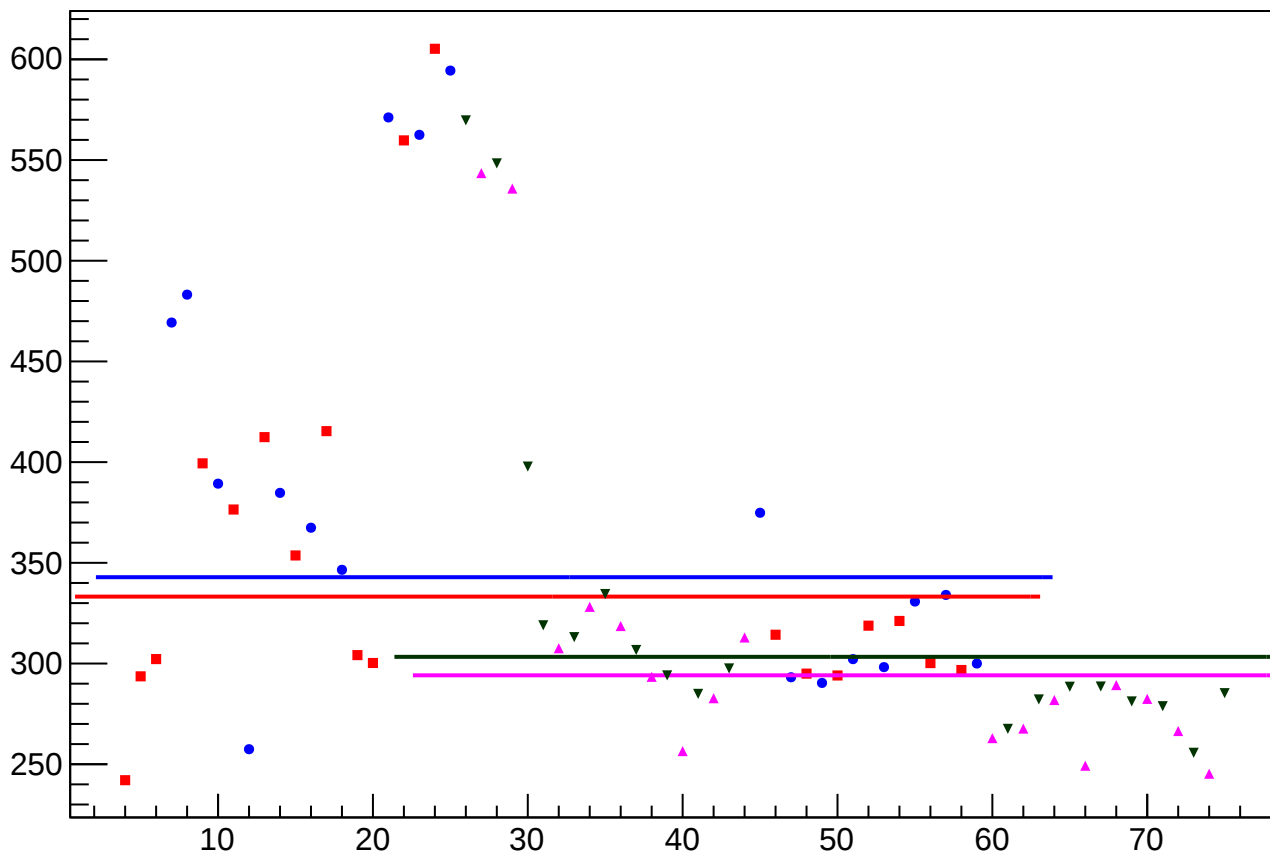
357.590+/-72.931 χ^2/NDF : 209.7/35

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

256.602+/-72.382 χ^2/NDF : 2671.3/35

Left In: -748.817+/-96.845 χ^2/NDF : 153.1/16

asym_bpm0i07WS_rms vs slug



Right In: 342.865 $\pm$ 0.074 χ^2 /NDF: 1018623.1/17

Left Out: 303.317 $\pm$ 0.072 χ^2 /NDF: 657340.4/17

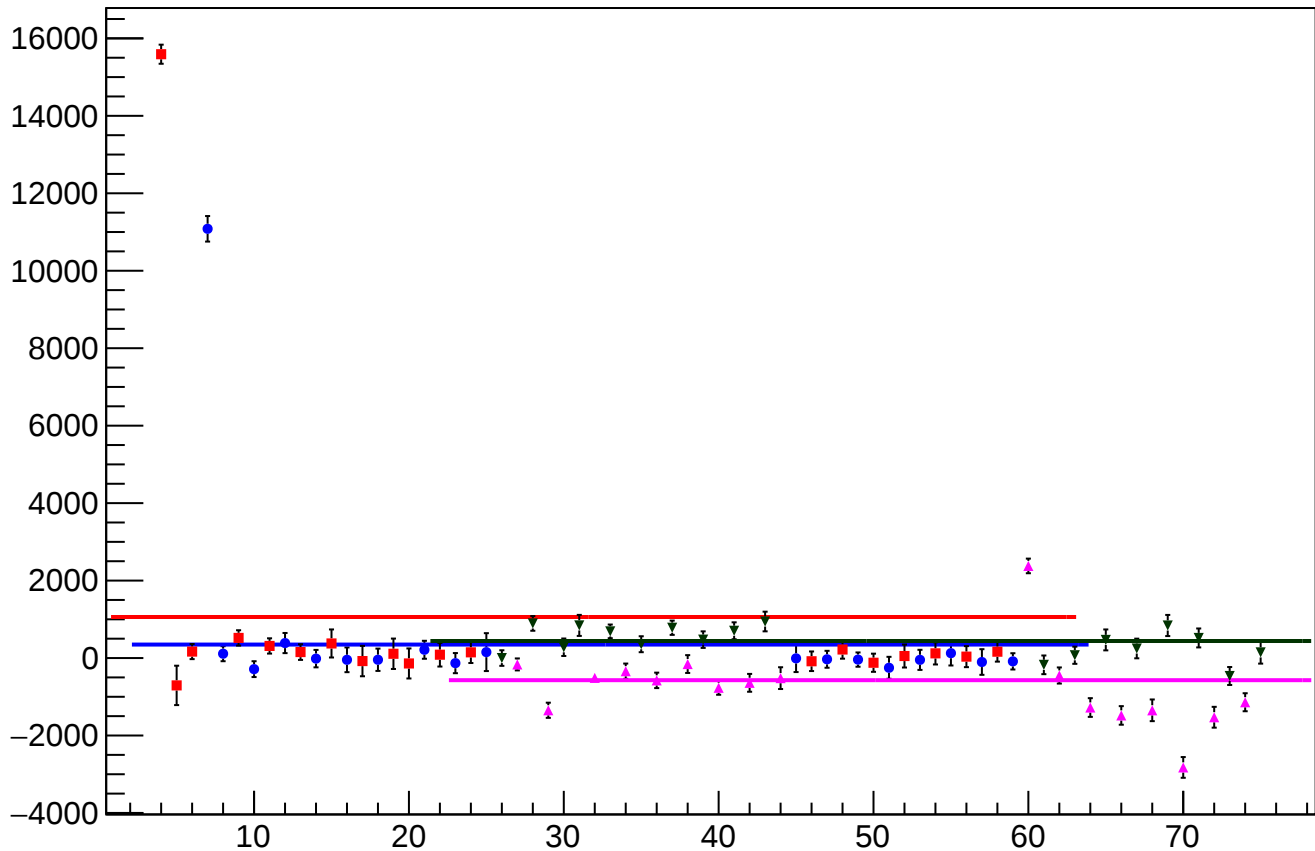
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 294.148 $\pm$ 0.068 χ^2 /NDF: 856944.7/16

322.312 $\pm$ 0.052 χ^2 /NDF: 1822759.1/35

311.398 $\pm$ 0.051 χ^2 /NDF: 1769646.0/35

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF : 1103.2/17

Left Out: 440.014+/-52.948 χ^2/NDF : 52.6/17

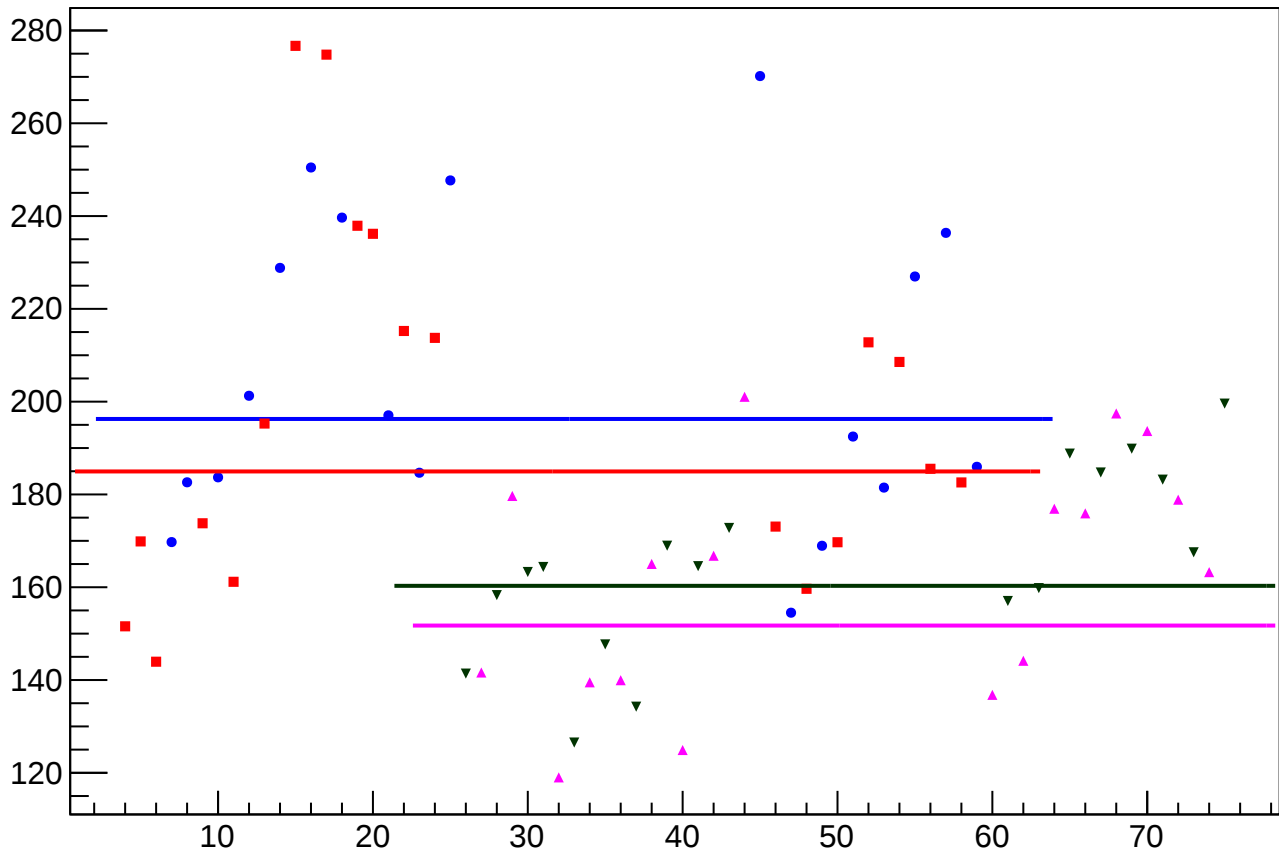
Right Out: 1059.962+/-60.034 χ^2/NDF : 3708.7/18

Left In: -571.489+/-49.565 χ^2/NDF : 393.3/16

399.546+/-39.597 χ^2/NDF : 1157.1/35

89.809+/-38.222 χ^2/NDF : 4541.2/35

asym_bpm0l01WS_rms vs slug



Right In: 196.269 $\pm$ 0.042 χ^2 /NDF: 466122.9/17

Left Out: 160.303 $\pm$ 0.037 χ^2 /NDF: 268883.7/17

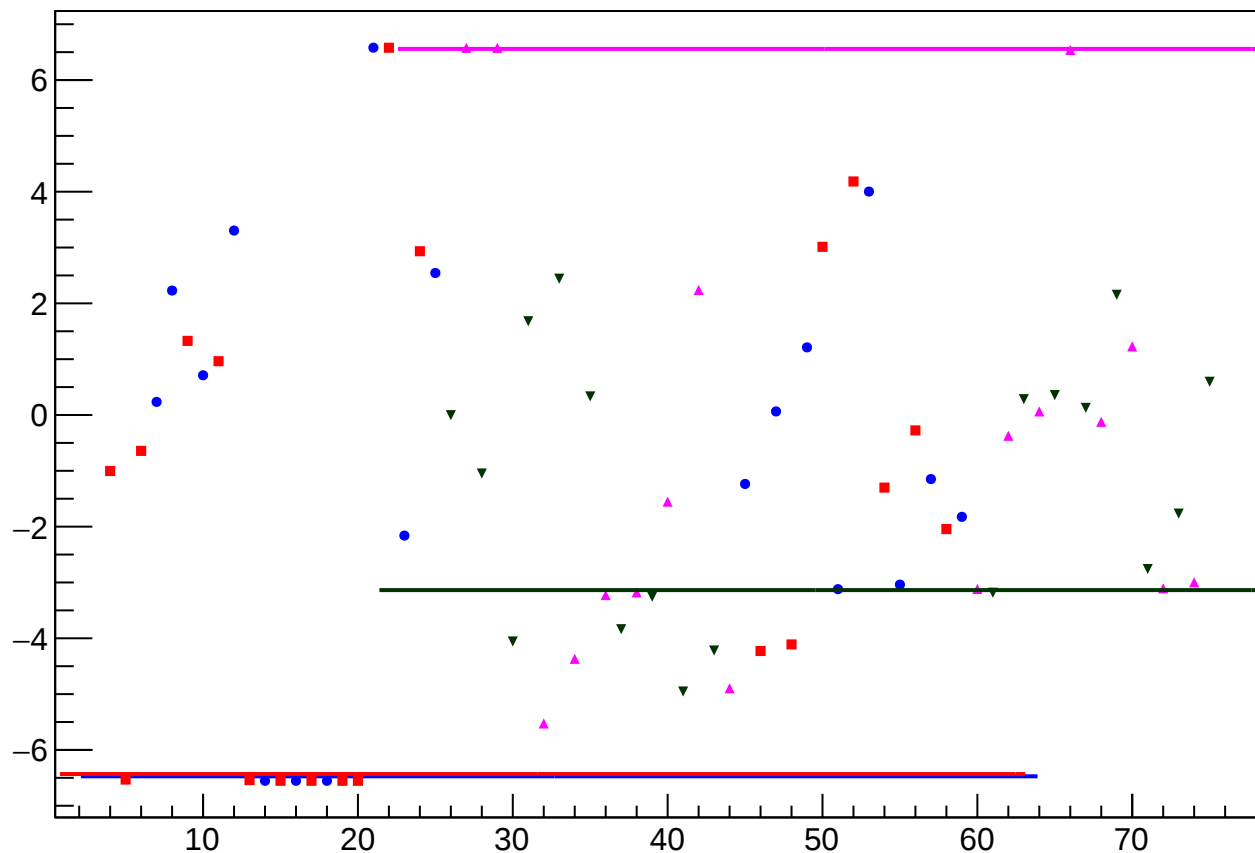
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 151.741 $\pm$ 0.035 χ^2 /NDF: 503576.4/16

176.155 $\pm$ 0.028 χ^2 /NDF: 1141712.9/35

165.205 $\pm$ 0.027 χ^2 /NDF: 1448282.9/35

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.137+/-0.001 χ^2/NDF : 12185288.6/17

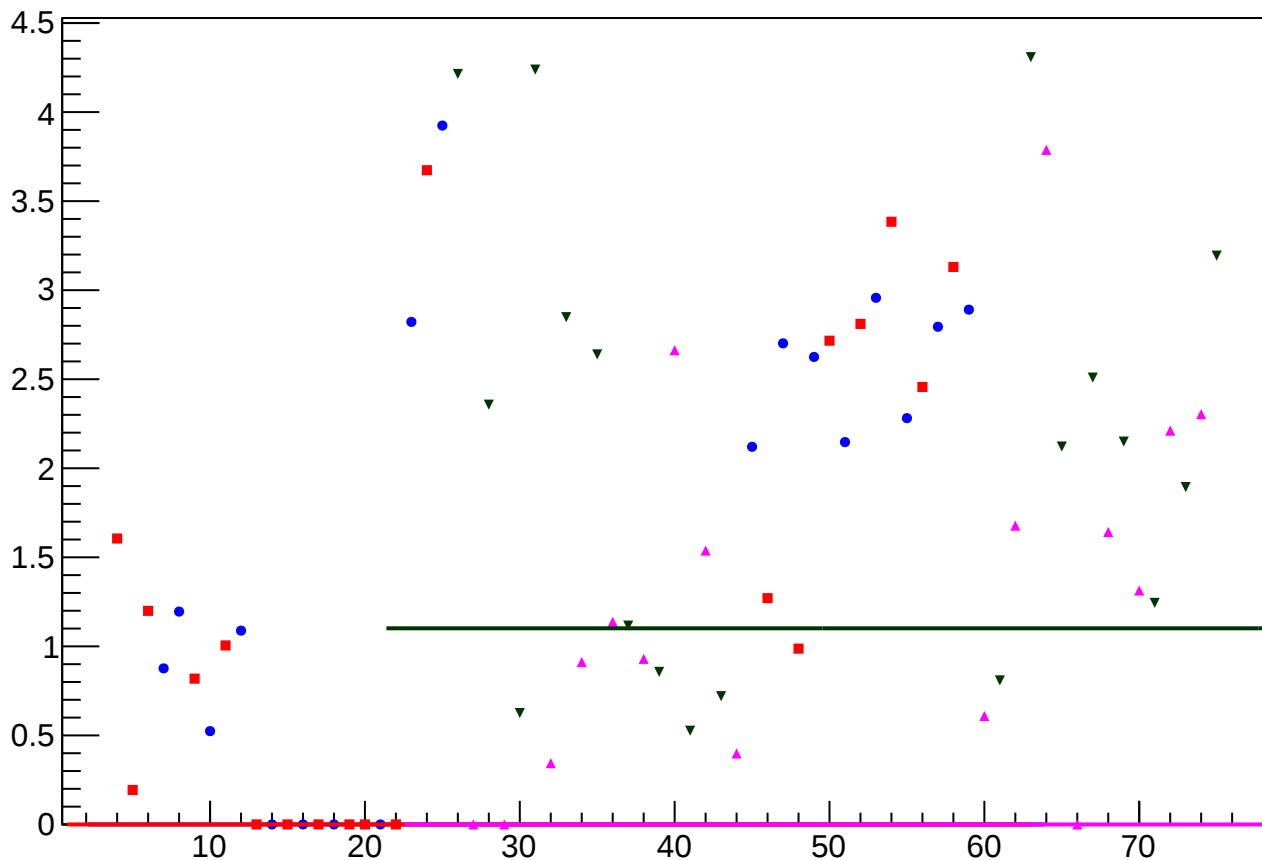
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF : 1576753586.9/16

-6.473+/-0.000 χ^2/NDF : 127848003048898.8/3

-6.196+/-0.000 χ^2/NDF : 446402692566505.3/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 1.101+/-0.000 χ^2/NDF : 4526162.7/17

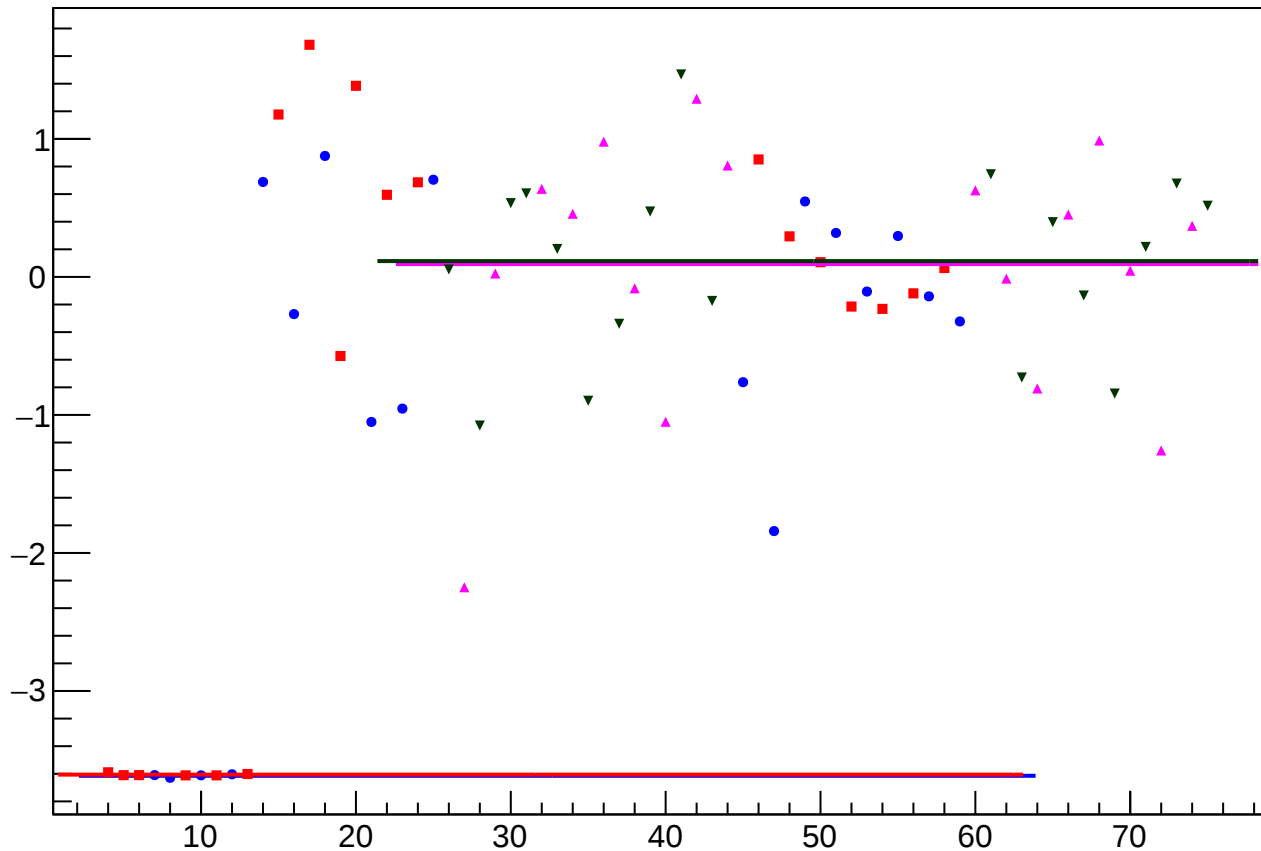
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 10388071.7/16

0.000+/-0.000 χ^2/NDF : 25495625.7/35

0.000+/-0.000 χ^2/NDF : 20014710.9/35

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

Left Out: 0.115+/-0.000 χ^2/NDF :10731142.4/17

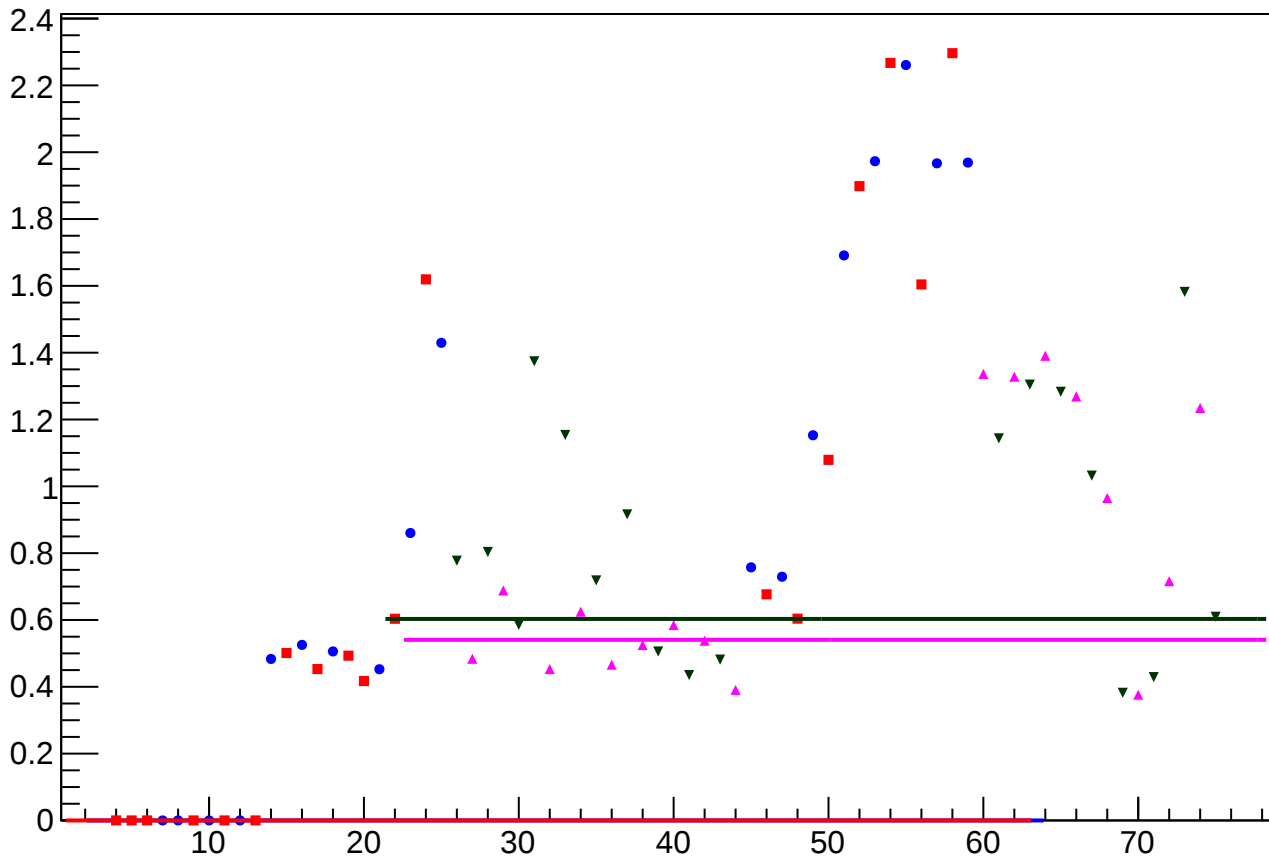
-3.614+/-0.000 χ^2/NDF : 49331413880.1/35

Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

-3.606+/-0.000 χ^2/NDF : 38112700587.8/35

Left In: 0.093+/-0.000 χ^2/NDF :21863211.1/16

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13780215.8/17

Left Out: 0.603+/-0.000 χ^2/NDF :2411723.3/17

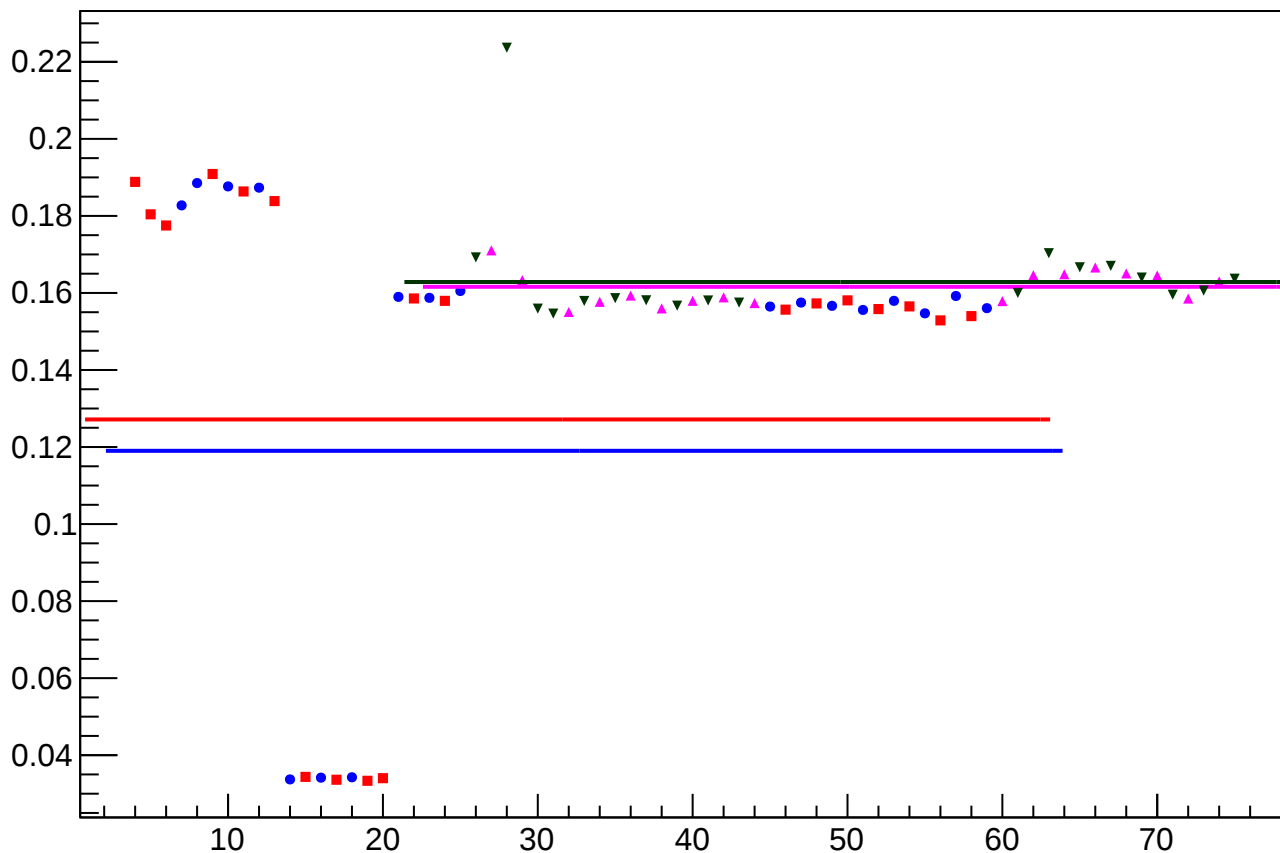
0.000+/-0.000 χ^2/NDF : 28463114.9/35

Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

0.000+/-0.000 χ^2/NDF : 25565489.8/35

Left In: 0.541+/-0.000 χ^2/NDF :2300161.0/16

yield_cav4cX_mean vs slug



Right In: 0.119+/-0.000 χ^2/NDF : 4974475463.8/17

Left Out: 0.163+/-0.000 χ^2/NDF :103033952.3/17

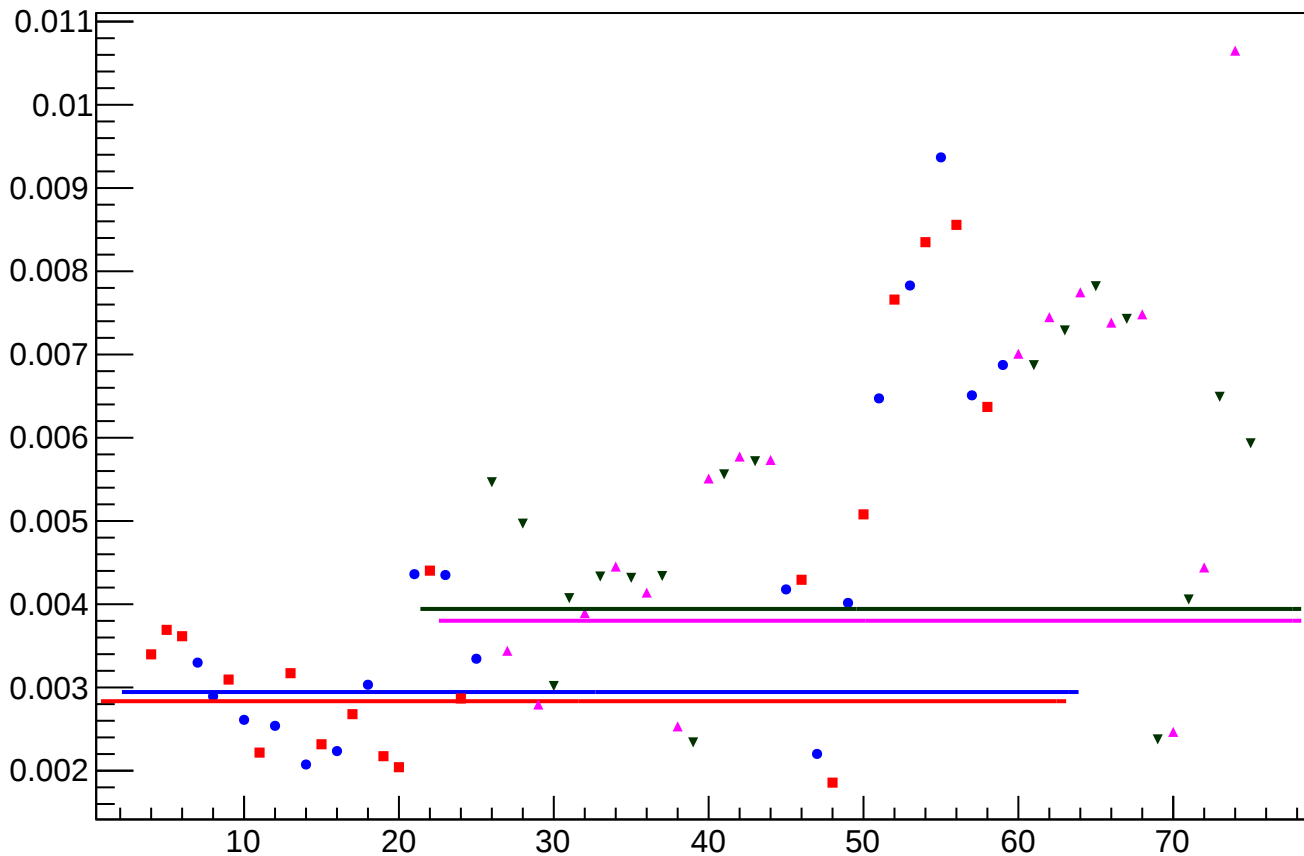
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.162+/-0.000 χ^2/NDF :13422816.2/16

0.133+/-0.000 χ^2/NDF : 5725960536.8/35

0.139+/-0.000 χ^2/NDF : 4855875250.1/35

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 2985281.5/17

Left Out: 0.004+/-0.000 χ^2/NDF :2379513.1/17

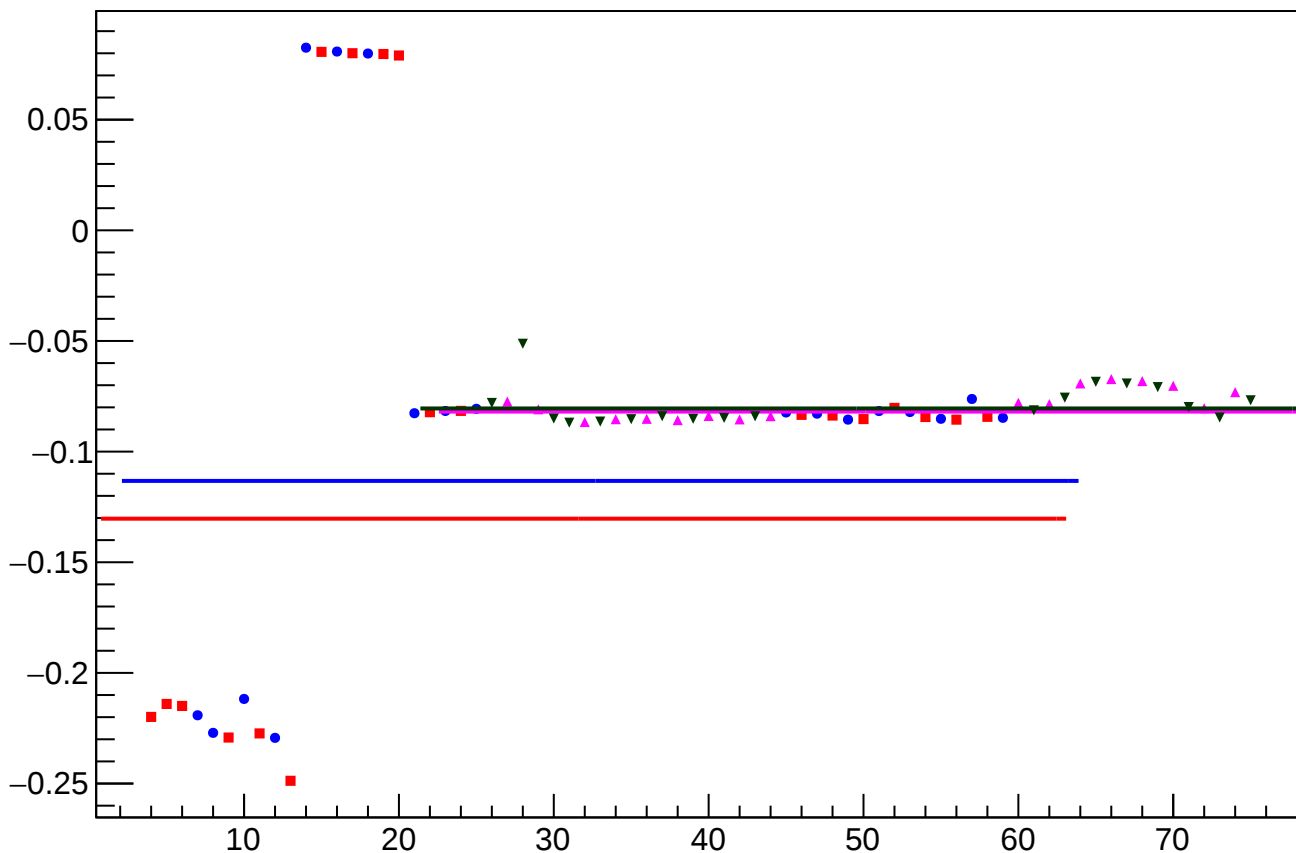
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :2628754.5/16

0.003+/-0.000 χ^2/NDF : 6037789.8/35

0.003+/-0.000 χ^2/NDF : 5980970.0/35

yield_cav4cY_mean vs slug



Right In: -0.113+/-0.000 χ^2/NDF : 9694608559.9/17

Left Out: -0.081+/-0.000 χ^2/NDF : 41977558.8/17

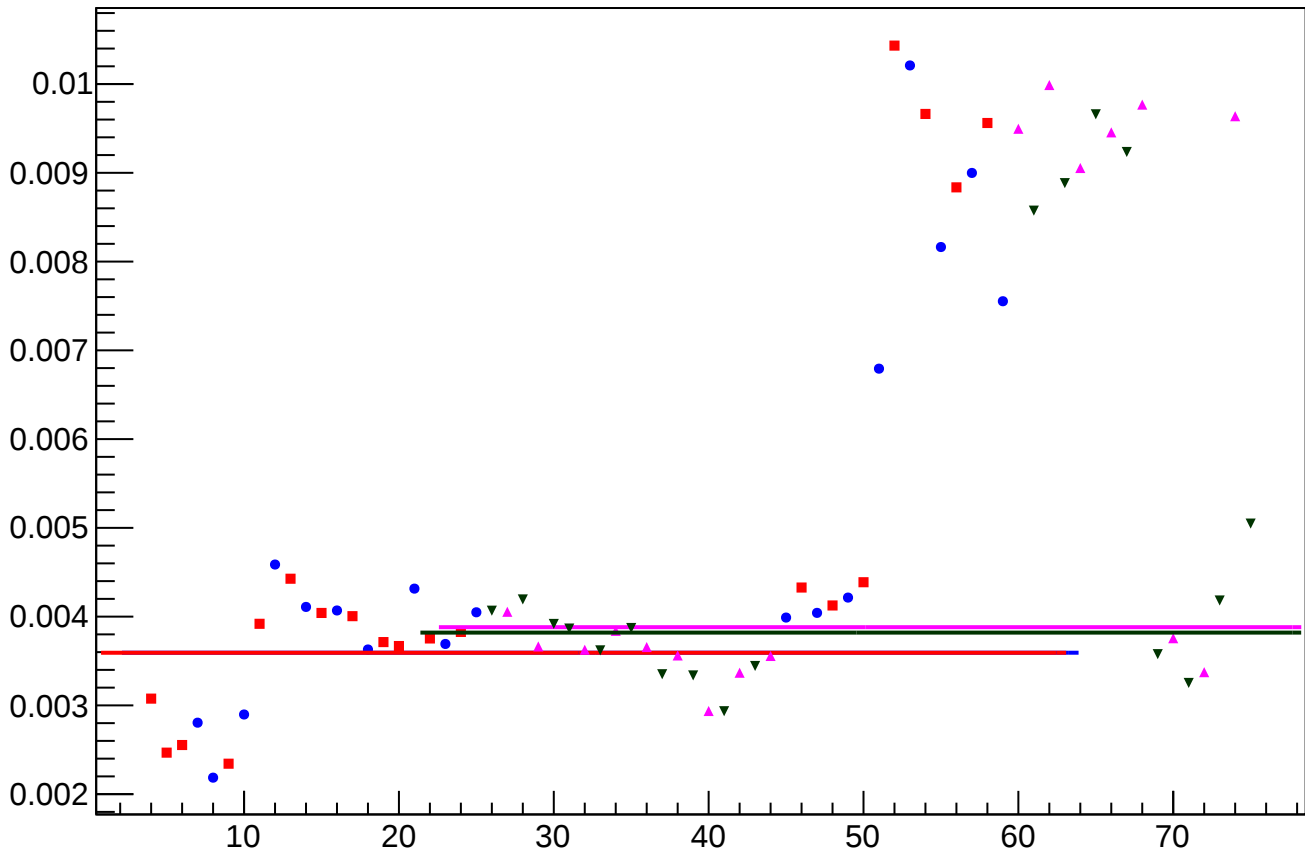
Right Out: -0.130+/-0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.082+/-0.000 χ^2/NDF : 13348614.6/16

-0.099+/-0.000 χ^2/NDF : 10071619159.9/35

-0.108+/-0.000 χ^2/NDF : 9555437592.0/35

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 2636393.6/17

Left Out: 0.004+/-0.000 χ^2/NDF :1415101.6/17

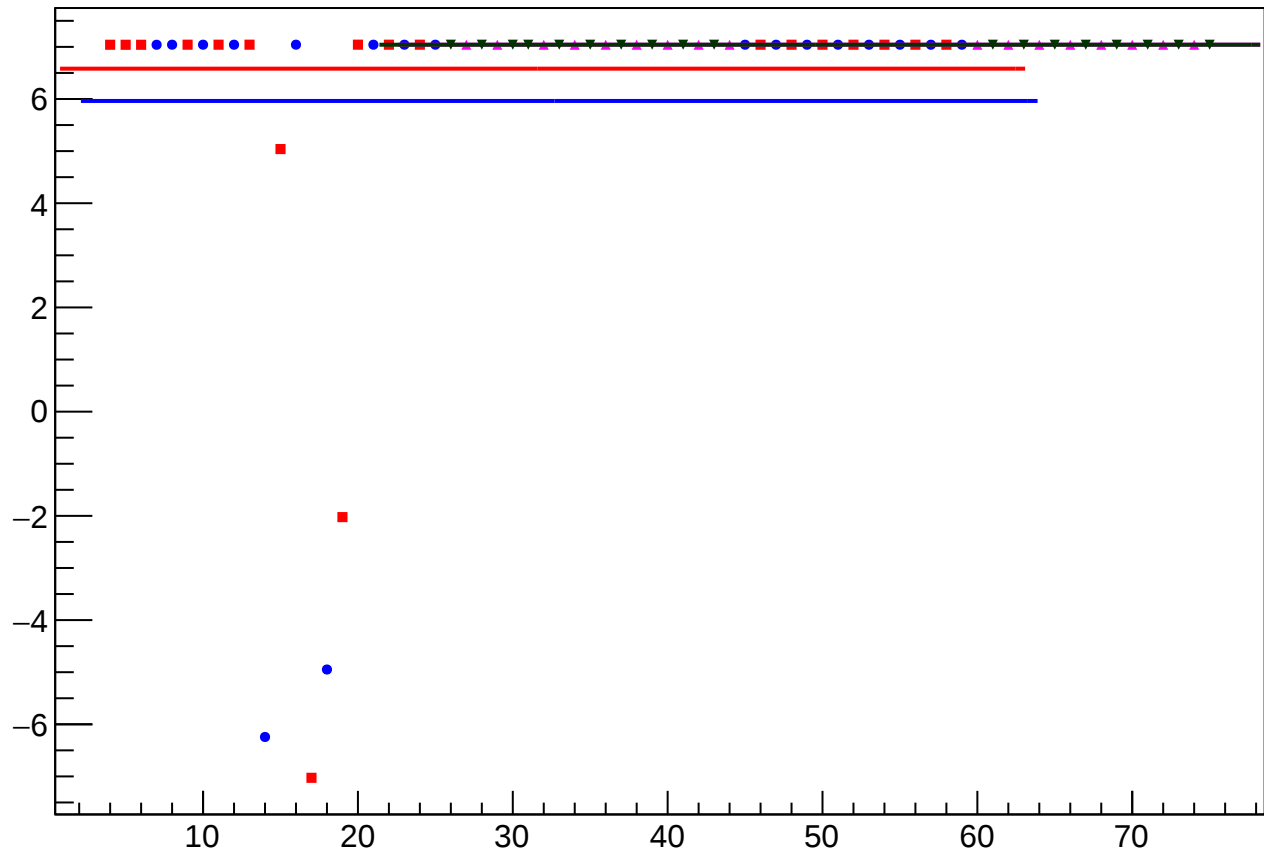
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :1948711.5/16

0.004+/-0.000 χ^2/NDF : 4083597.1/35

0.004+/-0.000 χ^2/NDF : 4221892.6/35

yield_cav4dX_mean vs slug



Right In: 5.962 $\pm$ 0.000 χ^2 /NDF: 4616105002600912.0/17

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 11310145.2/17

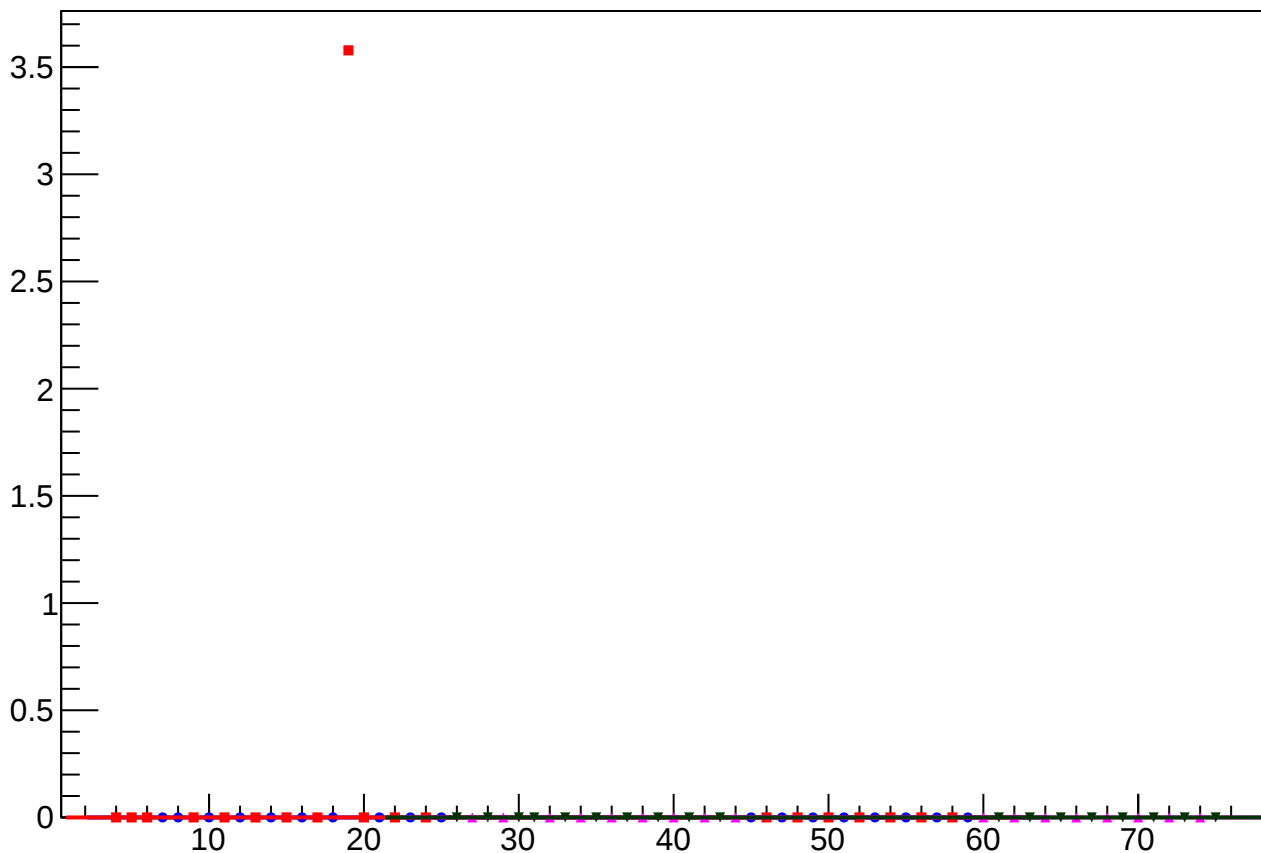
Right Out: 6.582 $\pm$ 0.000 χ^2 /NDF: 1856853993700647.2/18

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 10418430.5/16

6.501 $\pm$ 0.000 χ^2 /NDF: 4823785196137812.0/3

6.833 $\pm$ 0.000 χ^2 /NDF: 1892119230287039.5/3

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 4282.3/17

Left Out: 0.000+/-0.000 χ^2 /NDF:1806.0/17

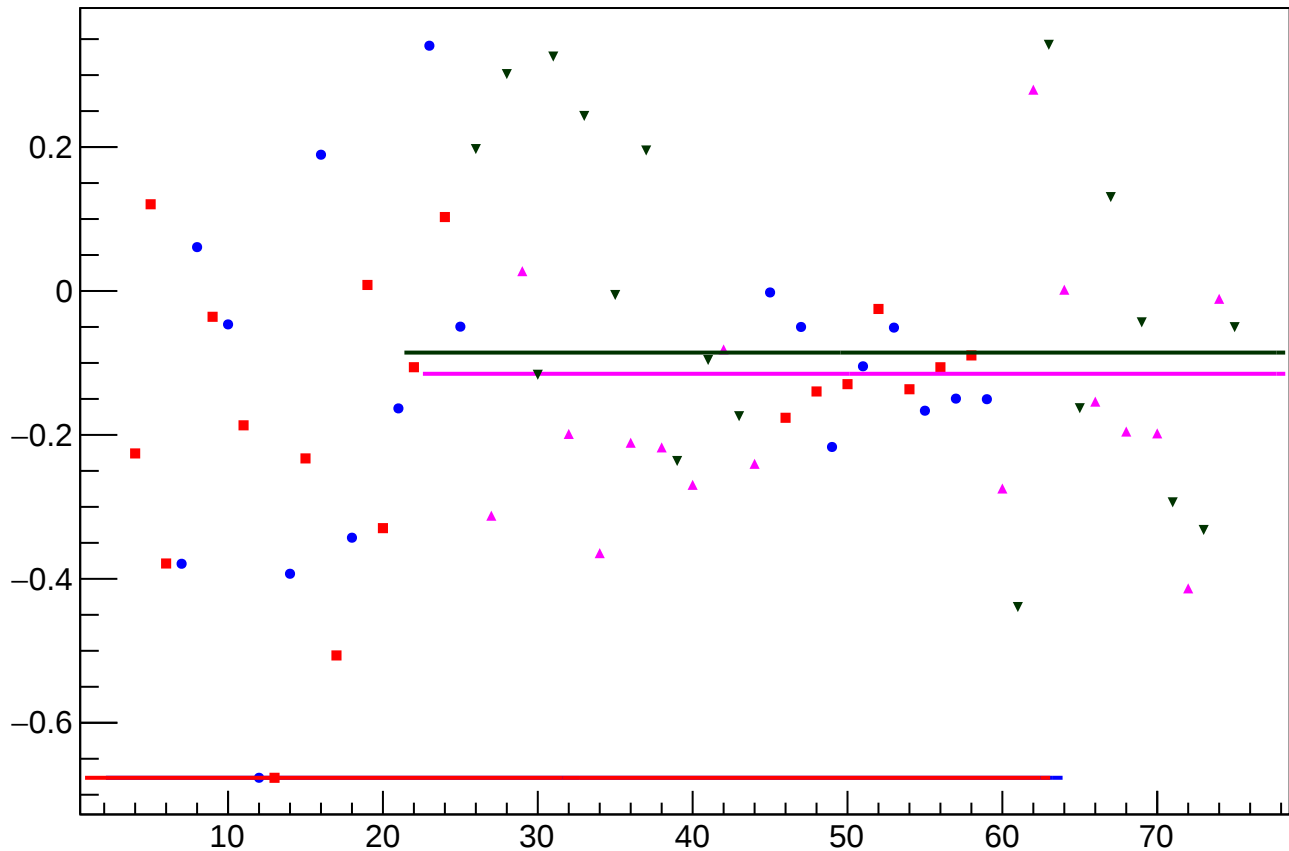
Right Out: 0.000+/-0.000 χ^2 /NDF: 697661.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:2298.7/16

0.000+/-0.000 χ^2 /NDF: 7988.1/35

0.000+/-0.000 χ^2 /NDF: 703092.1/35

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2 /NDF: 266364367.2/17

Left Out: -0.086+/-0.000 χ^2 /NDF: 36265550.4/17

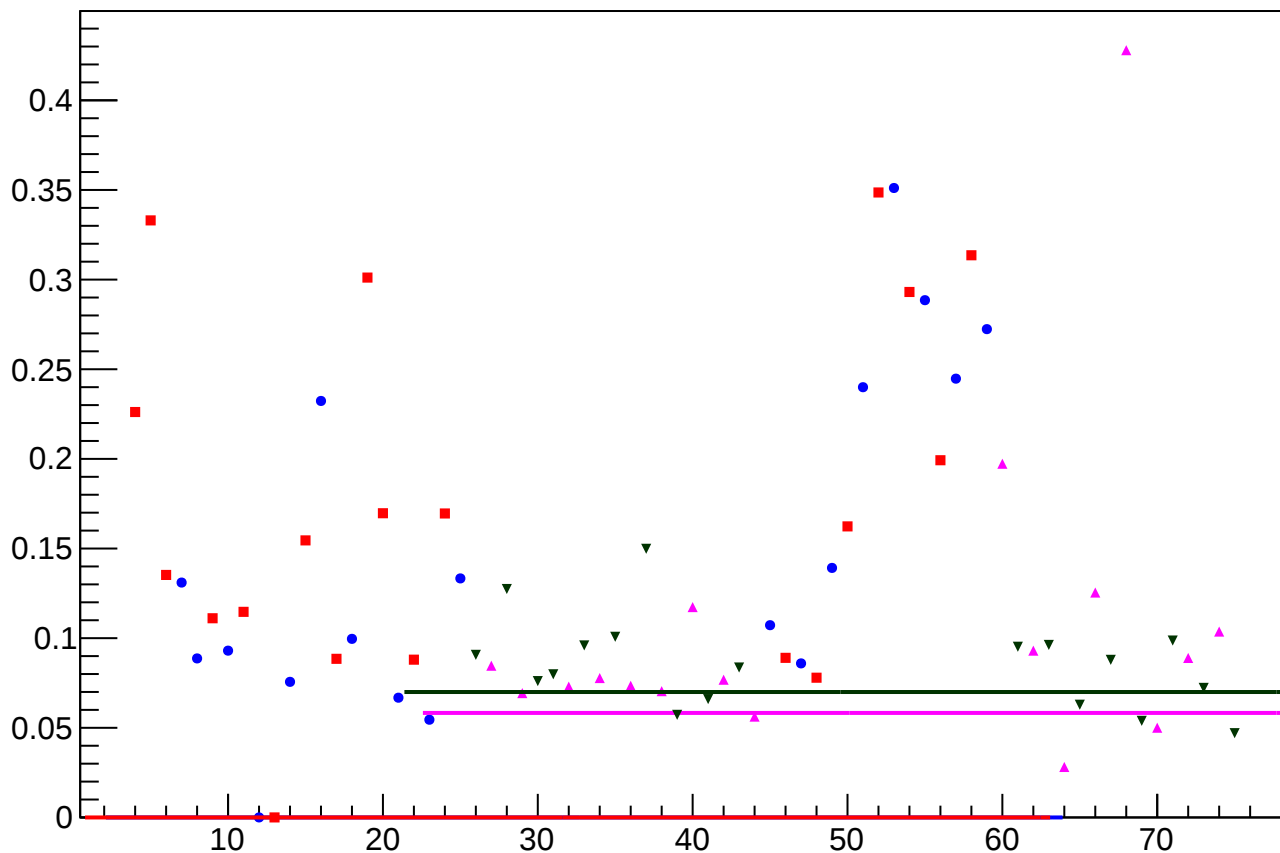
-0.676+/-0.000 χ^2 /NDF: 683467780.4/35

Right Out: -0.676+/-0.000 χ^2 /NDF: 102004552.0/18

-0.676+/-0.000 χ^2 /NDF: 610825762.1/35

Left In: -0.115+/-0.000 χ^2 /NDF: 29304651.9/16

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.070+/-0.000 χ^2/NDF : 964175.5/17

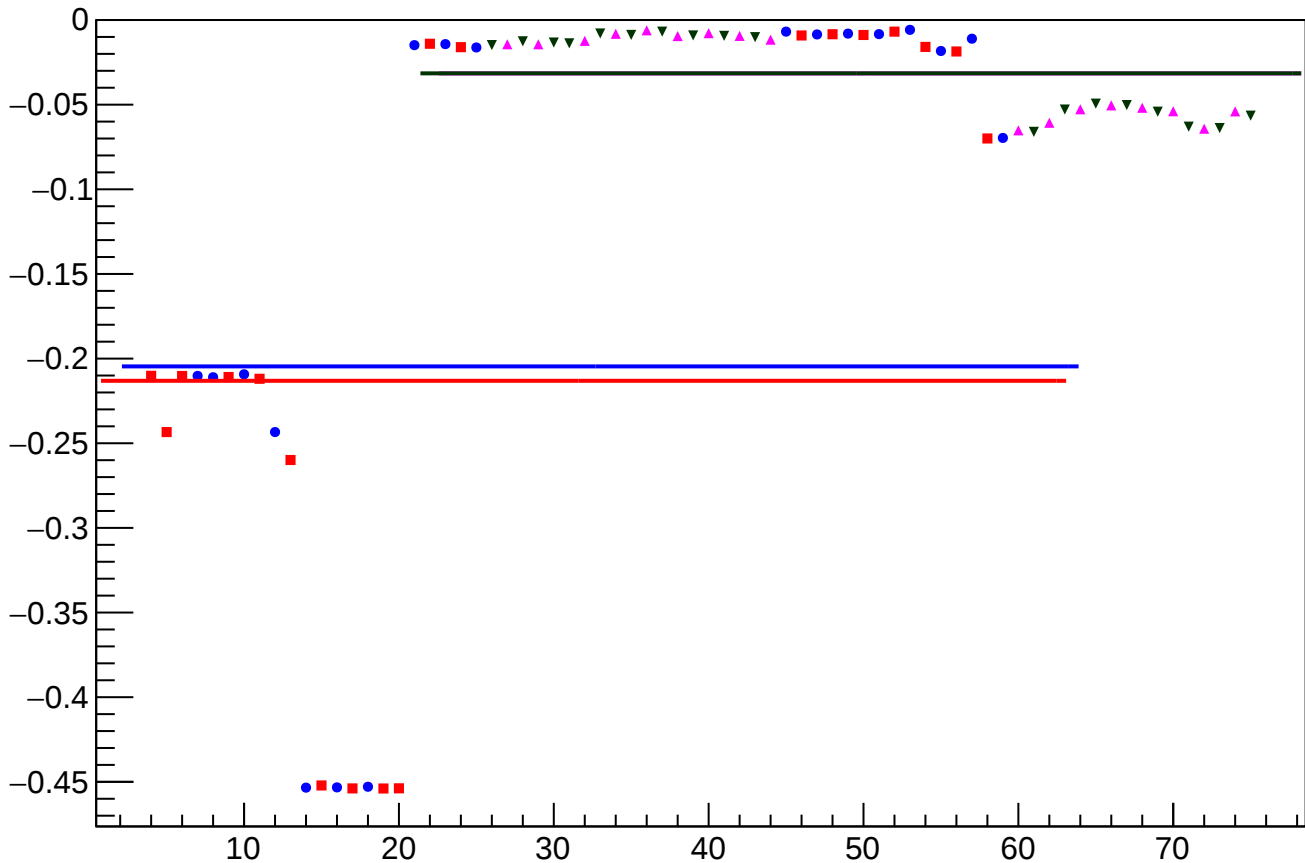
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.058+/-0.000 χ^2/NDF : 3026253.8/16

0.000+/-0.000 χ^2/NDF : 27829251.0/35

0.000+/-0.000 χ^2/NDF : 27125511.8/35

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.032+/-0.000 χ^2/NDF : 58020462.0/17

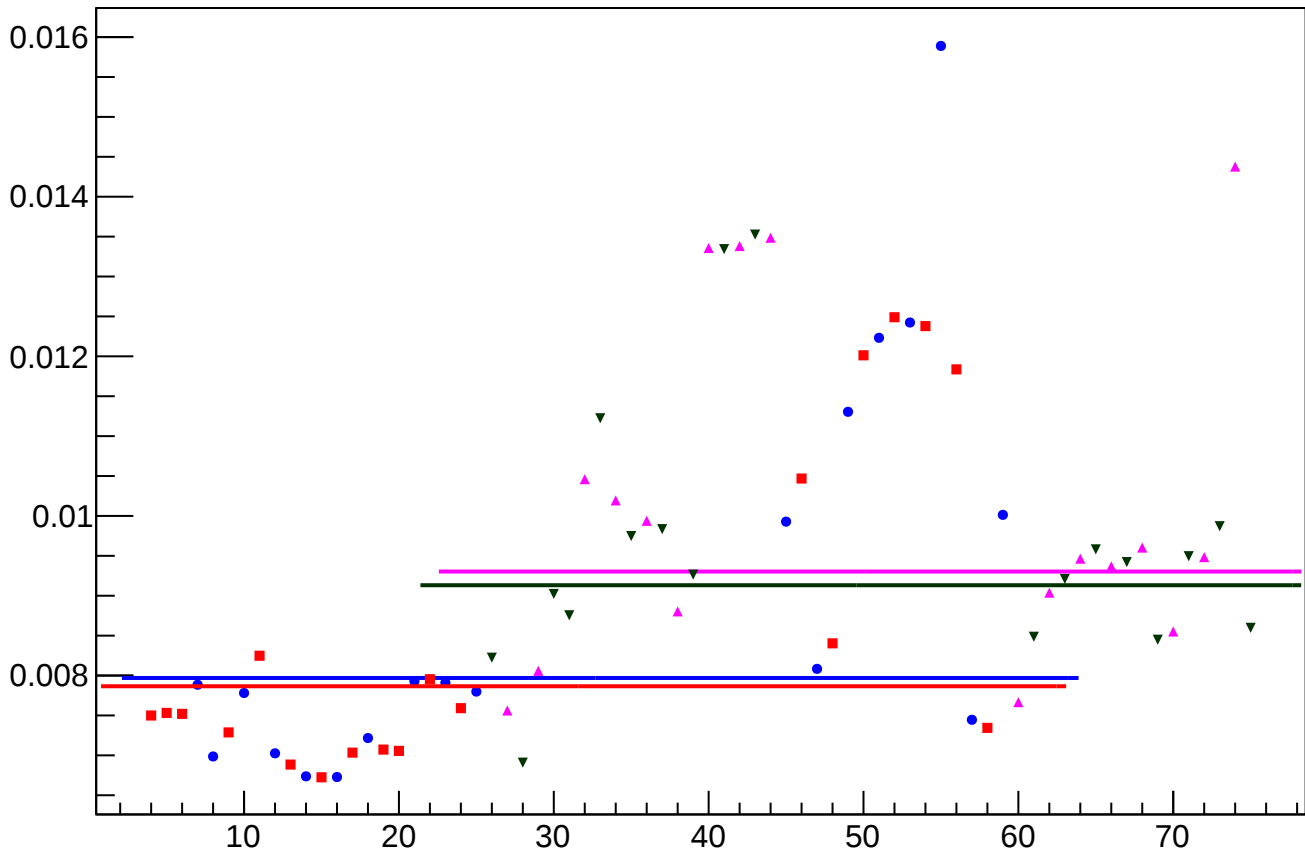
-0.137+/-0.000 χ^2/NDF : 7564451980.5/35

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.139+/-0.000 χ^2/NDF : 6268898271.2/35

Left In: -0.032+/-0.000 χ^2/NDF : 56110217.1/16

yield_bpm4aX_rms vs slug



Right In: 0.008 ± 0.000 χ^2/NDF : 943742.9/17

Left Out: 0.009 ± 0.000 χ^2/NDF : 435917.2/17

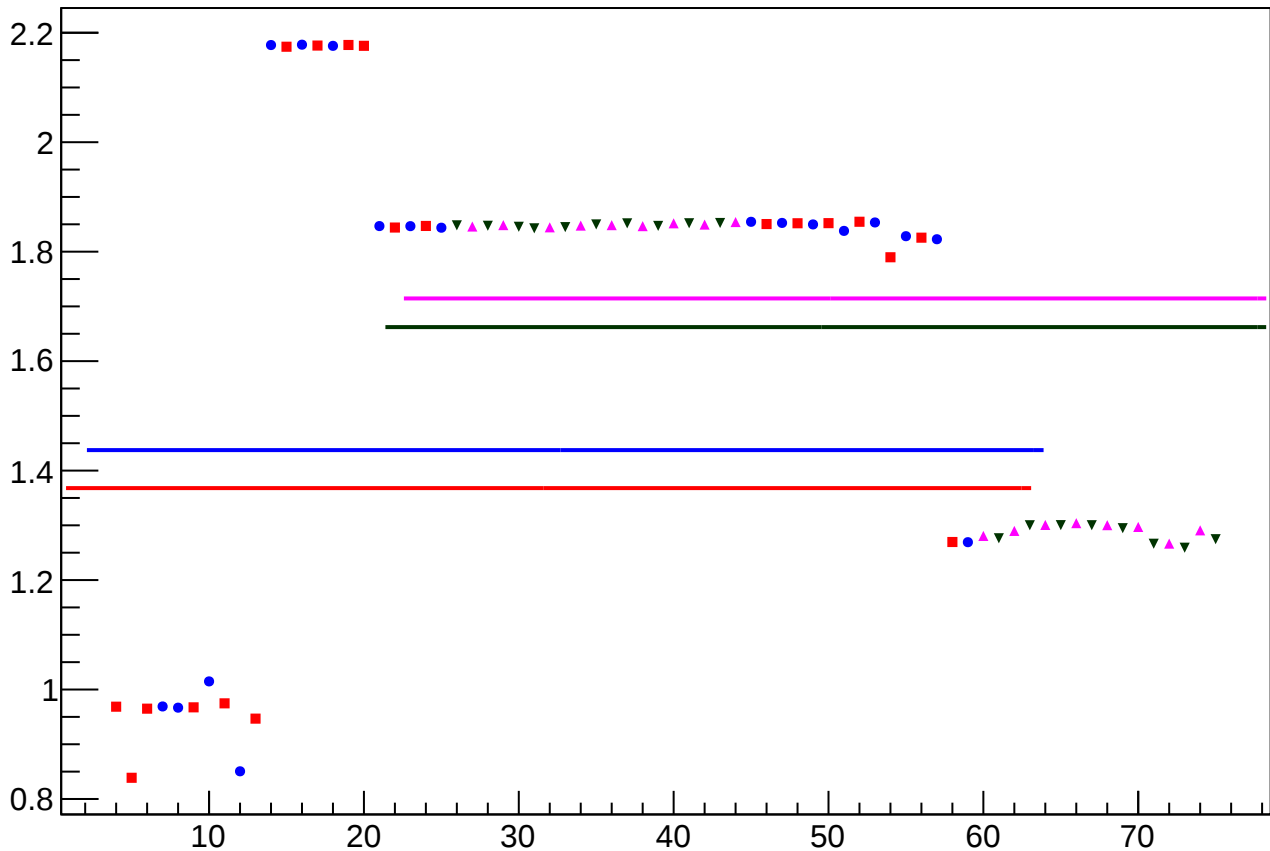
0.008 ± 0.000 χ^2/NDF : 1556945.8/35

Right Out: 0.008 ± 0.000 χ^2/NDF : 696189.4/18

0.008 ± 0.000 χ^2/NDF : 1573644.0/35

Left In: 0.009 ± 0.000 χ^2/NDF : 617940.3/16

yield_bpm4aY_mean vs slug



Right In: 1.437 $\pm$ 0.000 χ^2 /NDF: 14236590294.3/17

Left Out: 1.662 $\pm$ 0.000 χ^2 /NDF:2959770916.5/17

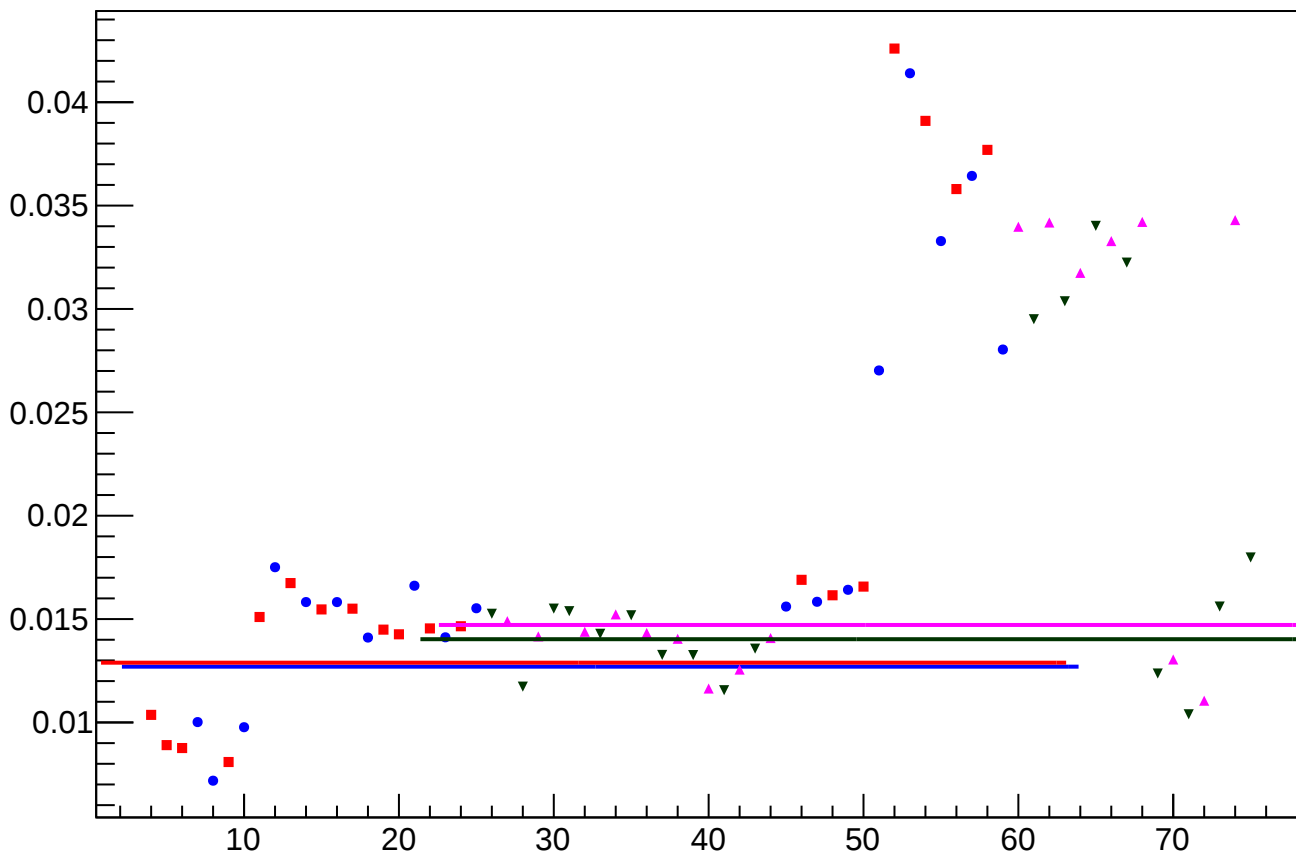
1.534 $\pm$ 0.000 χ^2 /NDF: 18381131874.3/35

Right Out: 1.368 $\pm$ 0.000 χ^2 /NDF: 12592500418.8/18

1.519 $\pm$ 0.000 χ^2 /NDF: 17257245482.0/35

Left In: 1.715 $\pm$ 0.000 χ^2 /NDF:2142829135.5/16

yield_bpm4aY_rms vs slug



Right In: 0.013 ± 0.000 χ^2/NDF : 3534875.5/17

Left Out: 0.014 ± 0.000 χ^2/NDF : 1382061.2/17

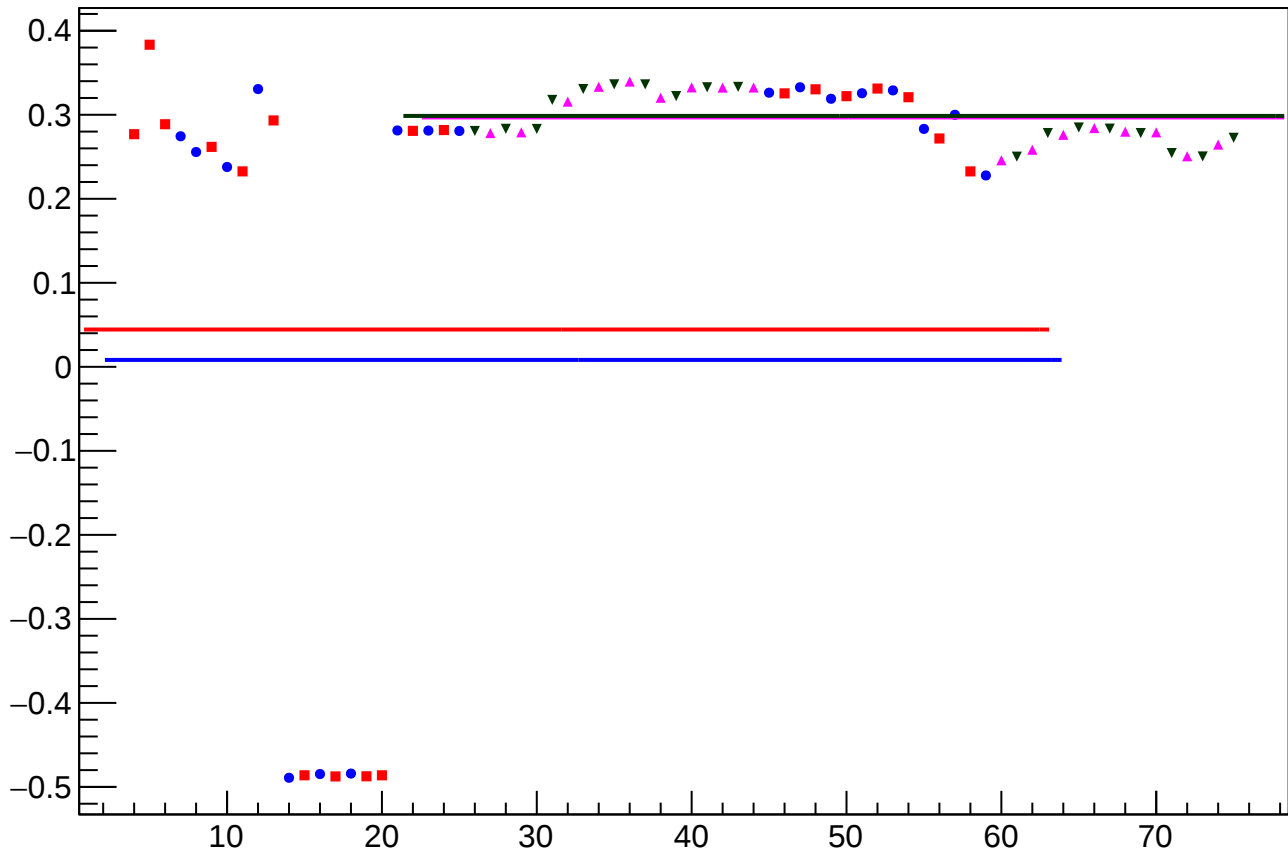
Right Out: 0.013 ± 0.000 χ^2/NDF : 2814614.5/18

Left In: 0.015 ± 0.000 χ^2/NDF : 1799112.1/16

0.013 ± 0.000 χ^2/NDF : 4999690.2/35

0.014 ± 0.000 χ^2/NDF : 4753532.0/35

yield_bpm4eX_mean vs slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 3589016563.4/17

Left Out: 0.299 $\pm$ 0.000 χ^2 /NDF:14022720.6/17

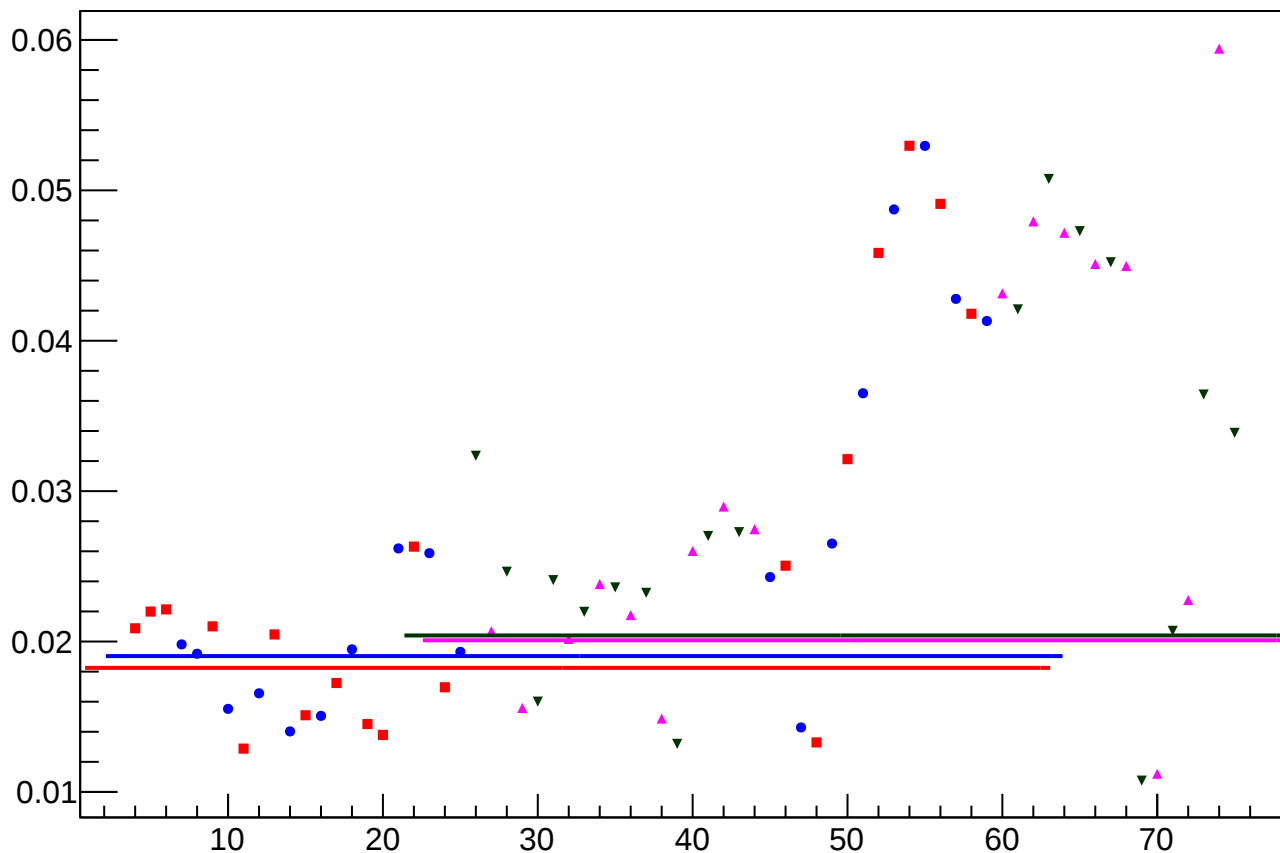
0.127 $\pm$ 0.000 χ^2 /NDF: 4492503022.4/35

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 3156873410.8/18

0.152 $\pm$ 0.000 χ^2 /NDF: 3849294903.8/35

Left In: 0.297 $\pm$ 0.000 χ^2 /NDF:13104518.4/16

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.020+/-0.000 χ^2/NDF : 2936365.6/17

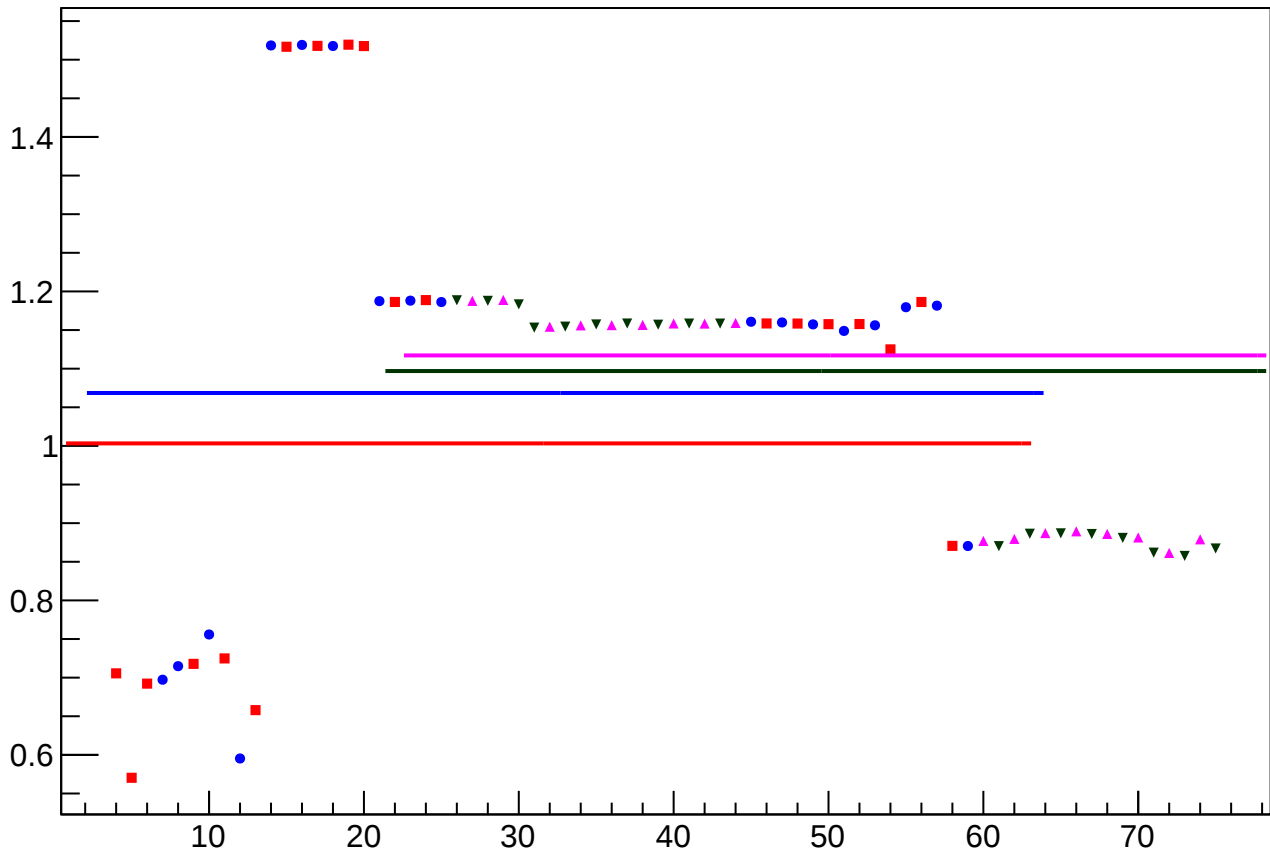
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.020+/-0.000 χ^2/NDF : 3000437.0/16

0.020+/-0.000 χ^2/NDF : 5570795.7/35

0.019+/-0.000 χ^2/NDF : 5557411.6/35

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.097+/-0.000 χ^2/NDF : 1384011151.1/17

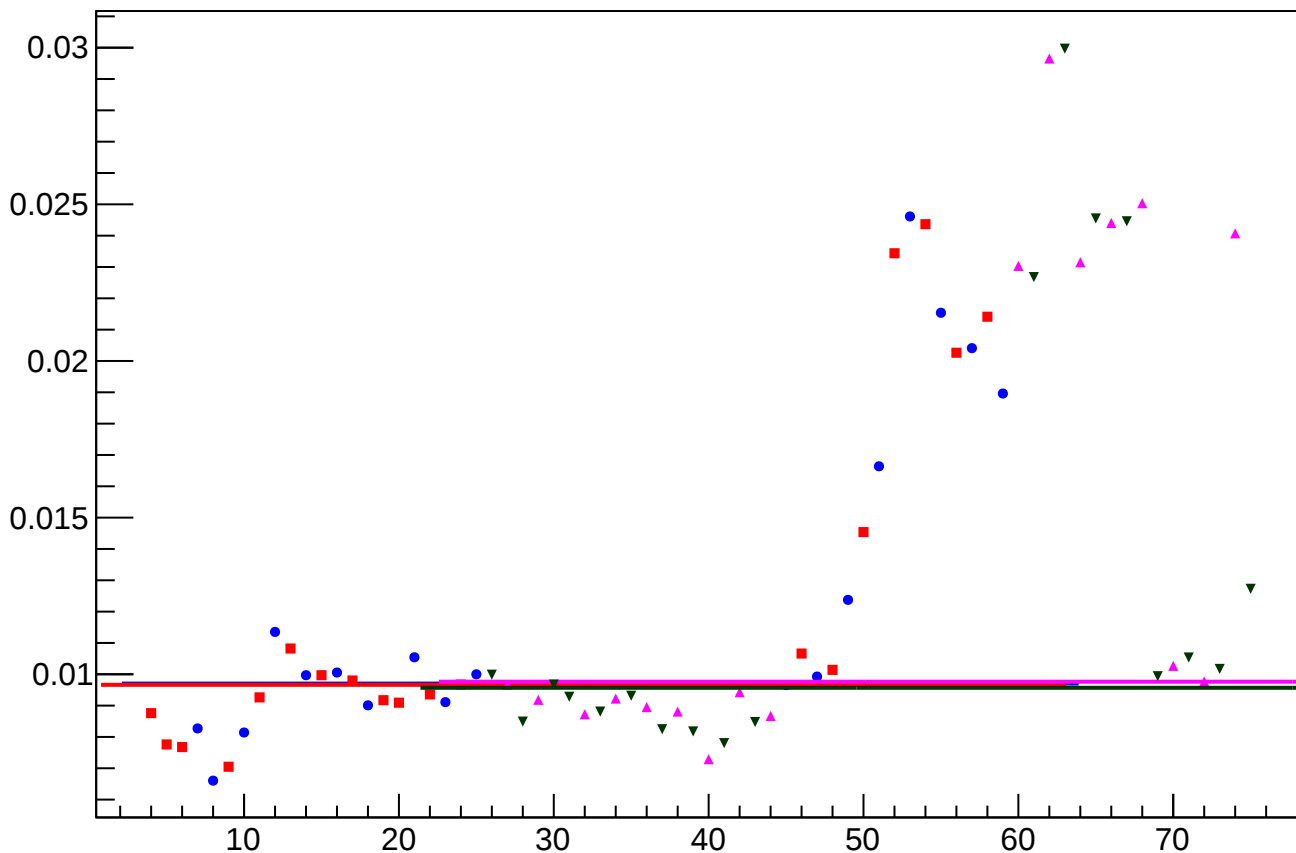
1.082+/-0.000 χ^2/NDF : 11970262141.1/35

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.057+/-0.000 χ^2/NDF : 11829031727.6/35

Left In: 1.117+/-0.000 χ^2/NDF : 973084474.3/16

yield_bpm4eY_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 1905622.6/17

Left Out: 0.010+/-0.000 χ^2/NDF :1558007.6/17

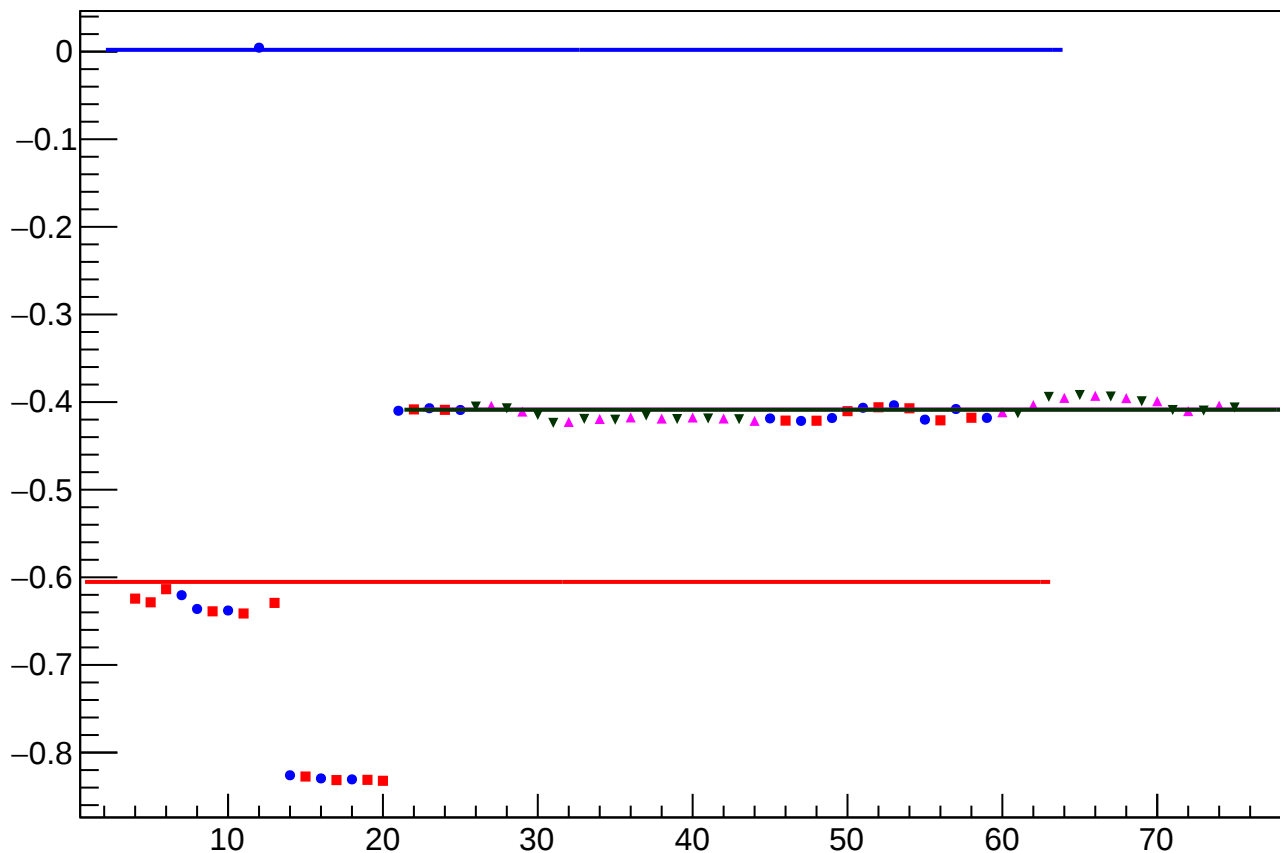
Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

Left In: 0.010+/-0.000 χ^2/NDF :2029982.9/16

0.010+/-0.000 χ^2/NDF : 3465316.5/35

0.010+/-0.000 χ^2/NDF : 3627849.6/35

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.409 $\pm$ 0.000 χ^2 /NDF: 9270168.3/17

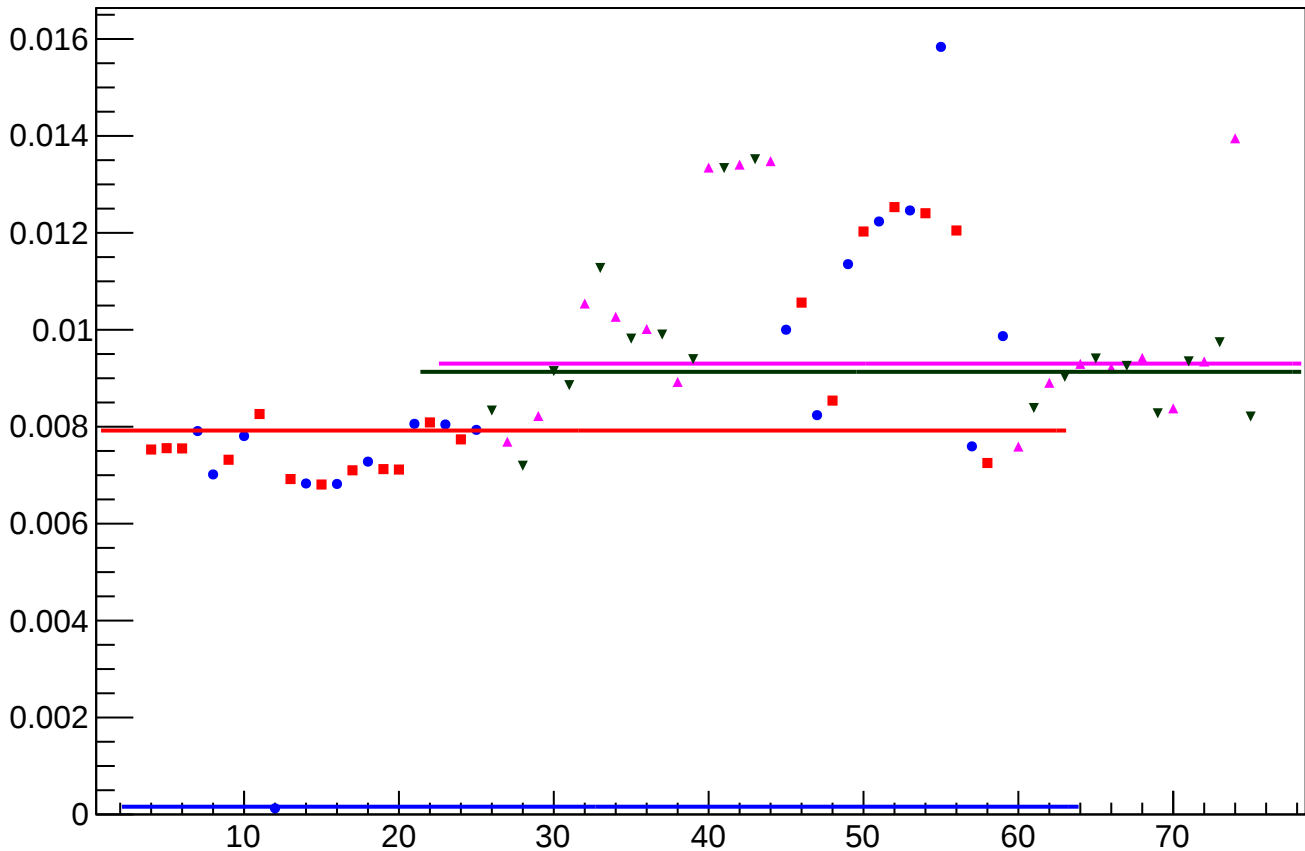
Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

Left In: -0.408 $\pm$ 0.000 χ^2 /NDF: 9082782.0/16

0.001 $\pm$ 0.000 χ^2 /NDF: 77987432578.3/35

-0.524 $\pm$ 0.000 χ^2 /NDF: 6248429034.8/35

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 20262517.7/17

Left Out: 0.009+/-0.000 χ^2/NDF :404398.8/17

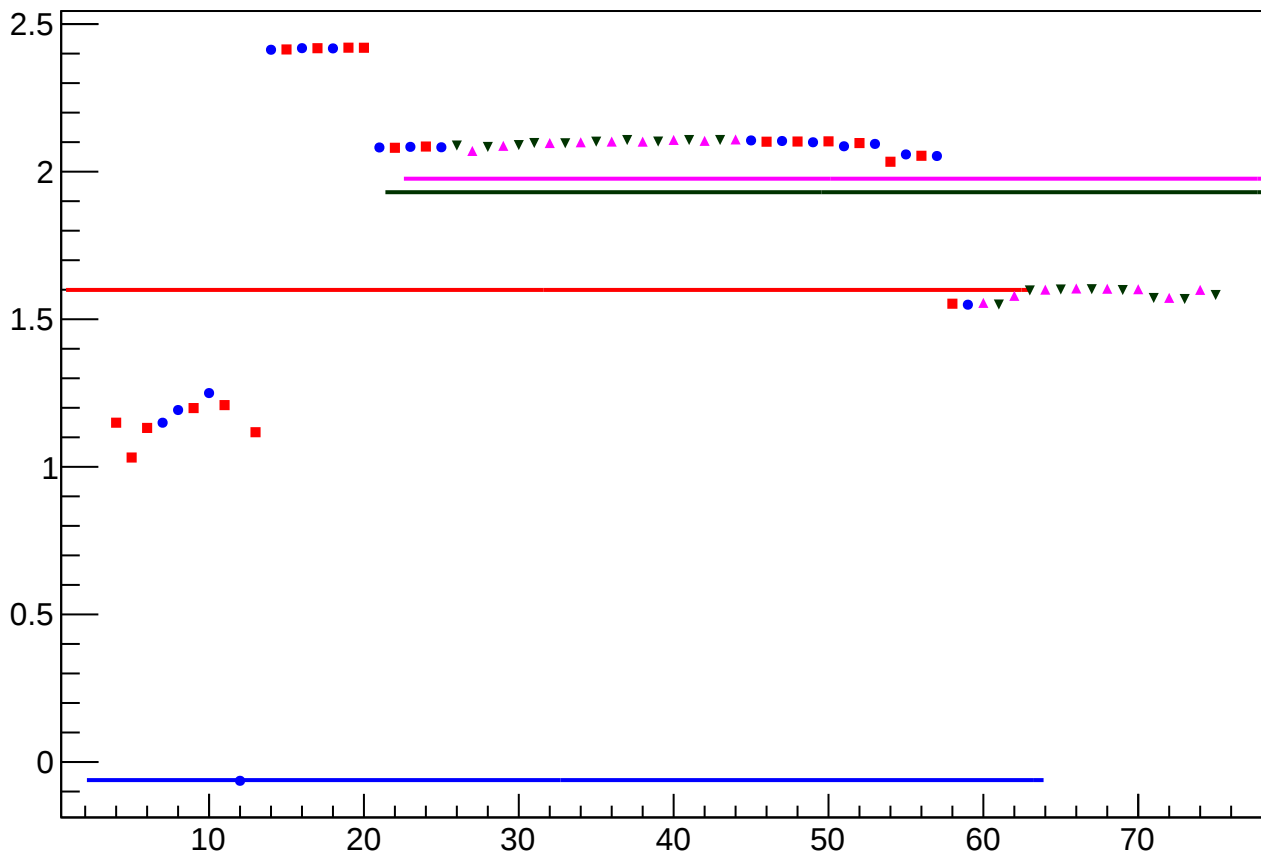
0.000+/-0.000 χ^2/NDF : 38064868.1/35

Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

0.008+/-0.000 χ^2/NDF : 1529252.7/35

Left In: 0.009+/-0.000 χ^2/NDF :593416.4/16

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2 /NDF: 171003968524.2/17

Left Out: 1.930+/-0.000 χ^2 /NDF: 2342553236.3/17

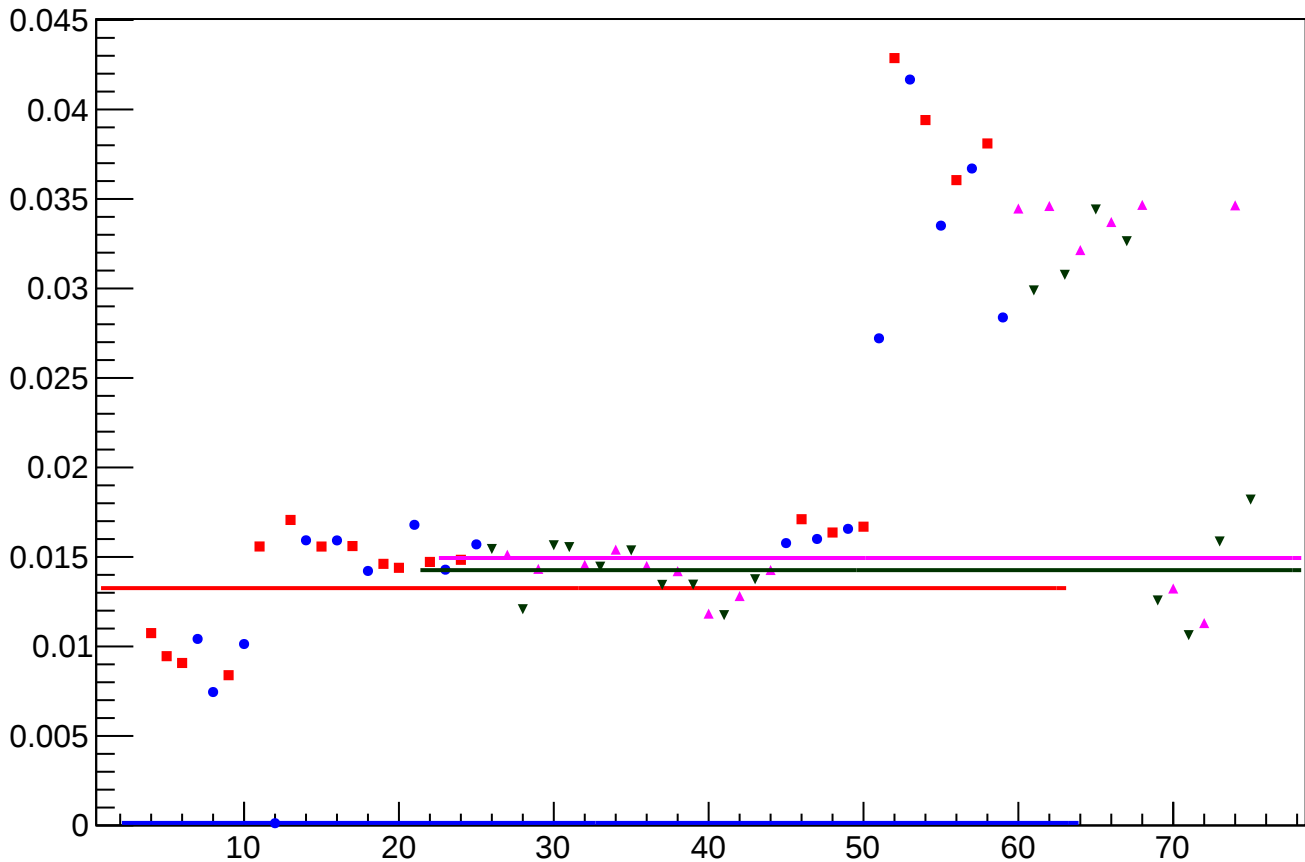
Right Out: 1.599+/-0.000 χ^2 /NDF: 13096029057.2/18

Left In: 1.976+/-0.000 χ^2 /NDF: 1692232819.9/16

-0.059+/-0.000 χ^2 /NDF: 331047916433.3/35

1.765+/-0.000 χ^2 /NDF: 17655639955.8/35

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19632783.5/17

Left Out: 0.014+/-0.000 χ^2/NDF :1359447.5/17

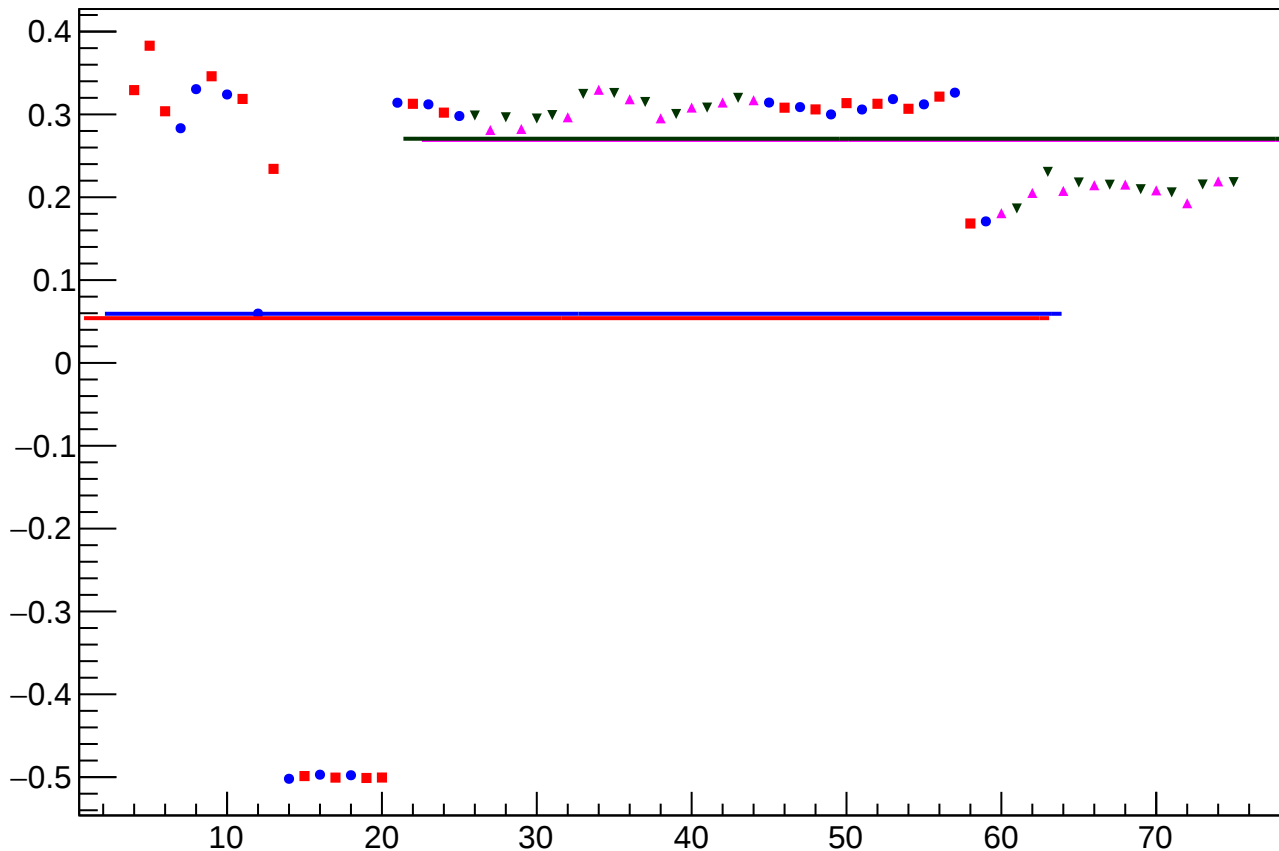
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.015+/-0.000 χ^2/NDF :1786269.9/16

0.000+/-0.000 χ^2/NDF : 36846994.4/35

0.014+/-0.000 χ^2/NDF : 4590735.8/35

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.271+/-0.000 χ^2/NDF :39606194.3/17

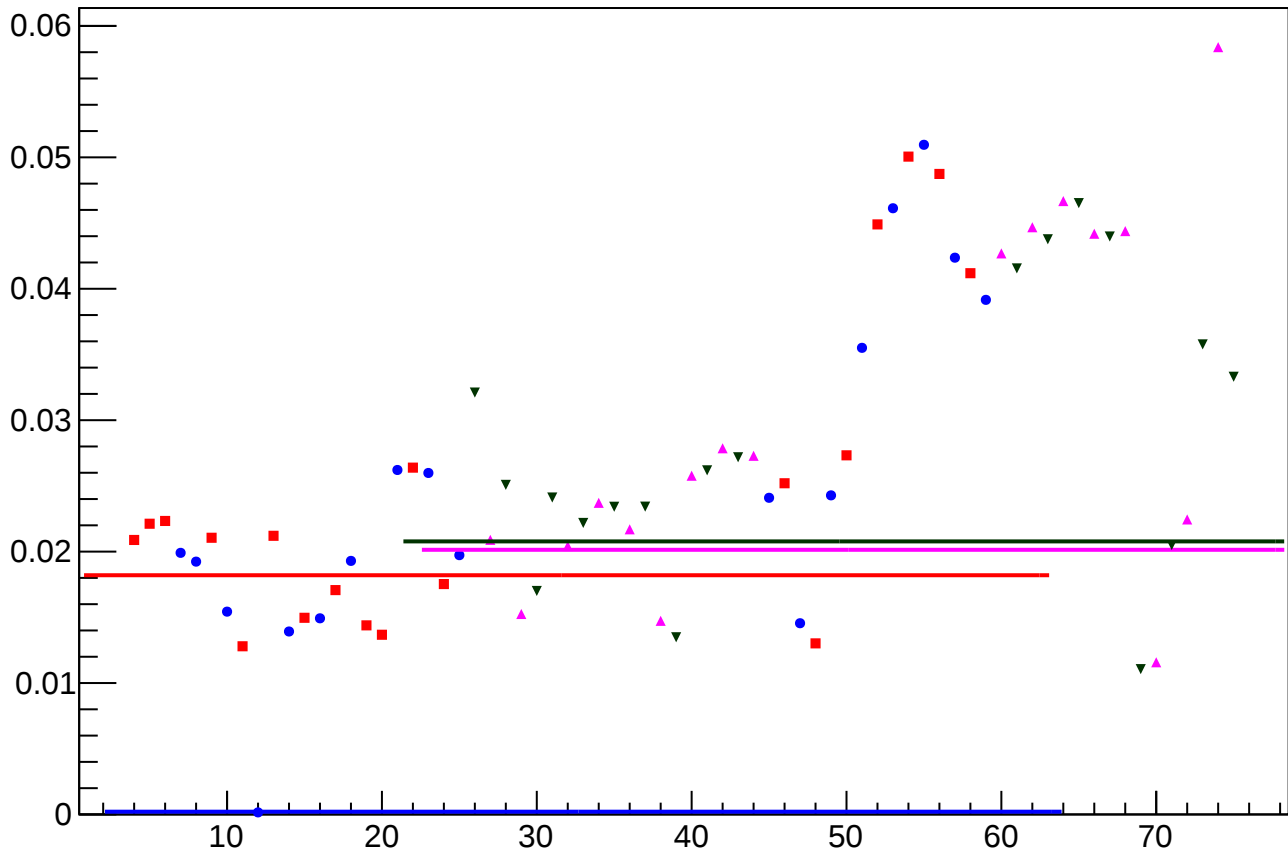
0.060+/-0.000 χ^2/NDF : 4710829653.9/35

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.146+/-0.000 χ^2/NDF : 4044305419.1/35

Left In: 0.269+/-0.000 χ^2/NDF :36976292.8/16

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.021+/-0.000 χ^2/NDF : 2668416.3/17

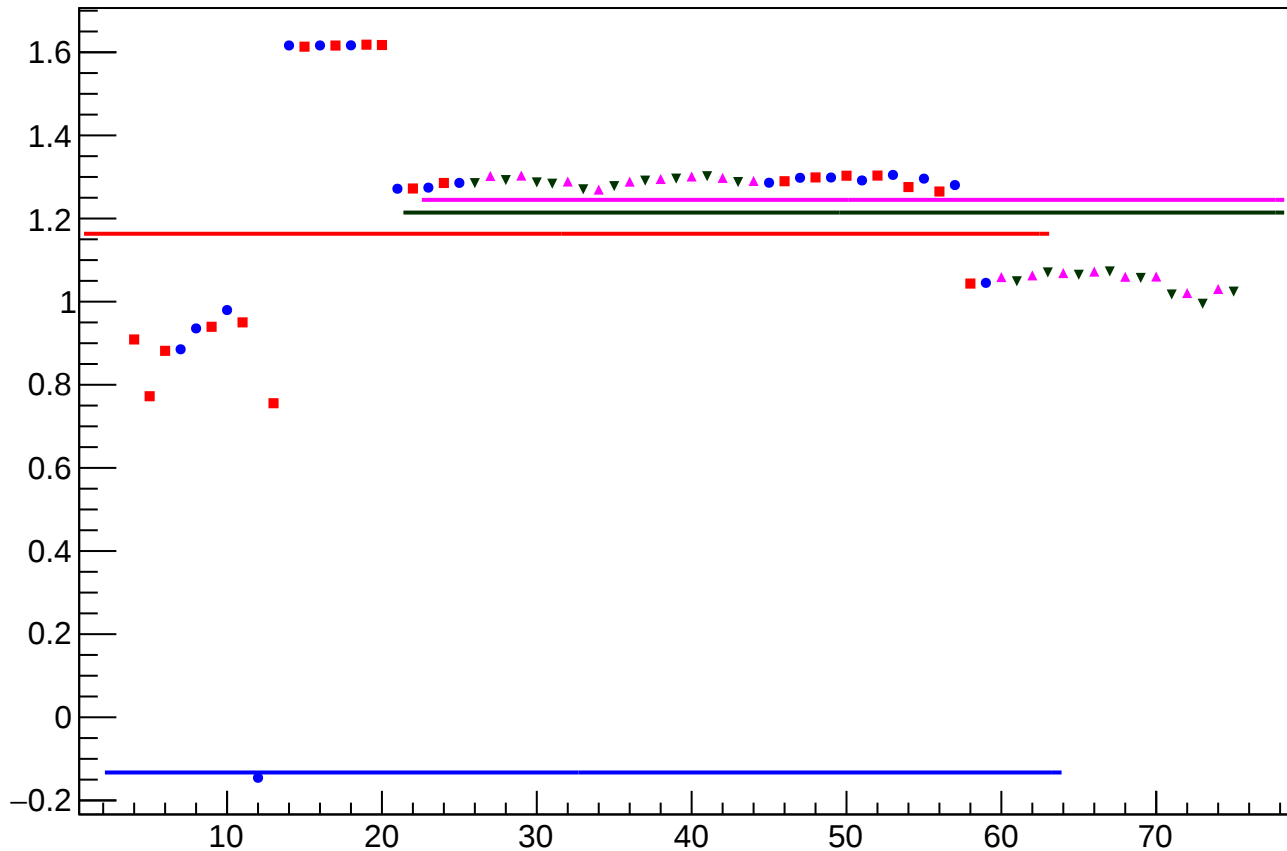
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.020+/-0.000 χ^2/NDF : 2875736.4/16

0.000+/-0.000 χ^2/NDF : 37243157.2/35

0.019+/-0.000 χ^2/NDF : 5378751.7/35

yield_bpm4ecY_mean vs slug



Right In: -0.133 ± 0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.214 ± 0.000 χ^2/NDF : 987650372.6/17

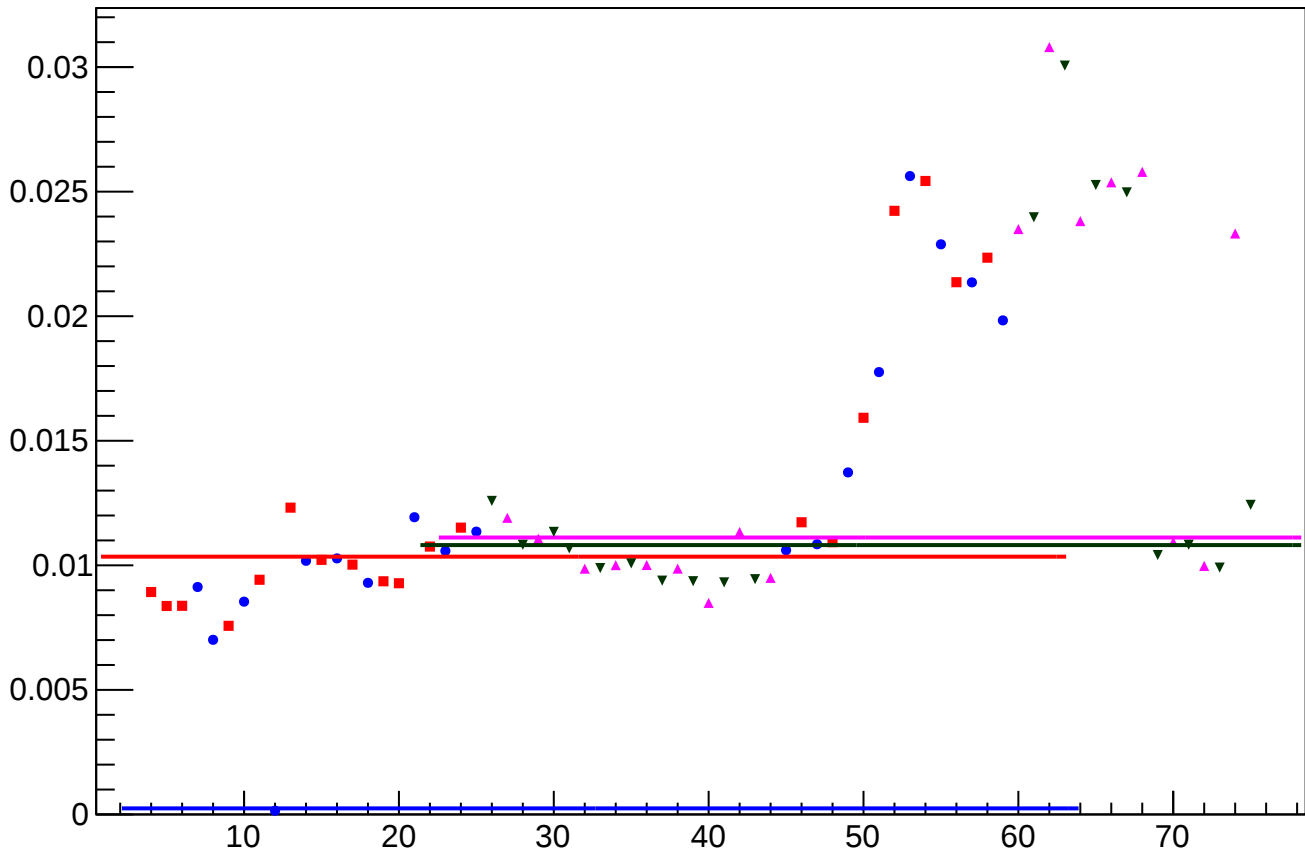
-0.123 ± 0.000 χ^2/NDF : 296326859846.1/35

Right Out: 1.163 ± 0.000 χ^2/NDF : 7253036603.9/18

1.200 ± 0.000 χ^2/NDF : 8124234333.3/35

Left In: 1.245 ± 0.000 χ^2/NDF : 633288648.8/16

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19204976.4/17

Left Out: 0.011+/-0.000 χ^2/NDF :1324186.0/17

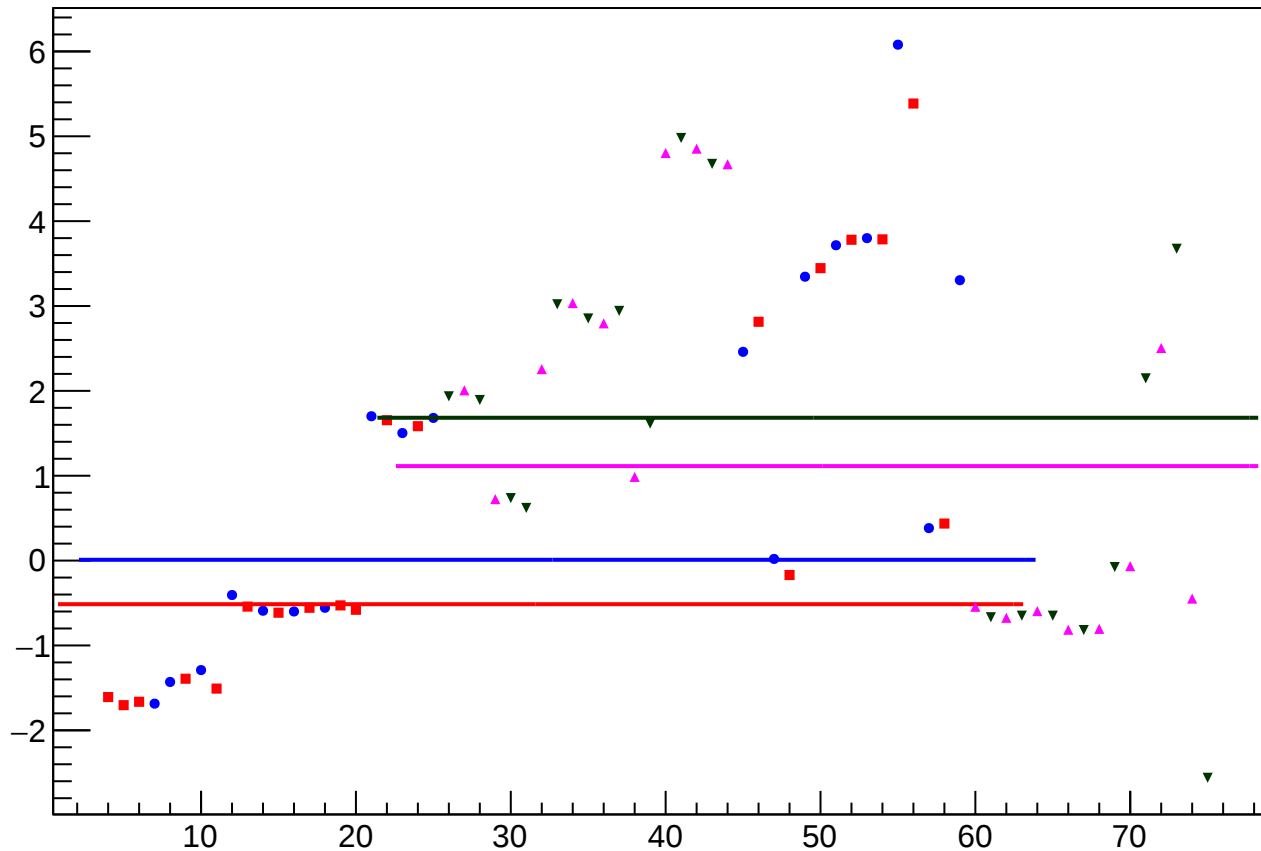
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.011+/-0.000 χ^2/NDF :1801610.5/16

0.000+/-0.000 χ^2/NDF : 36042350.5/35

0.011+/-0.000 χ^2/NDF : 3463263.5/35

yield_bpm1X_mean vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 18135045883.2/17

Left Out: 1.683+/-0.000 χ^2/NDF : 2606763691.8/17

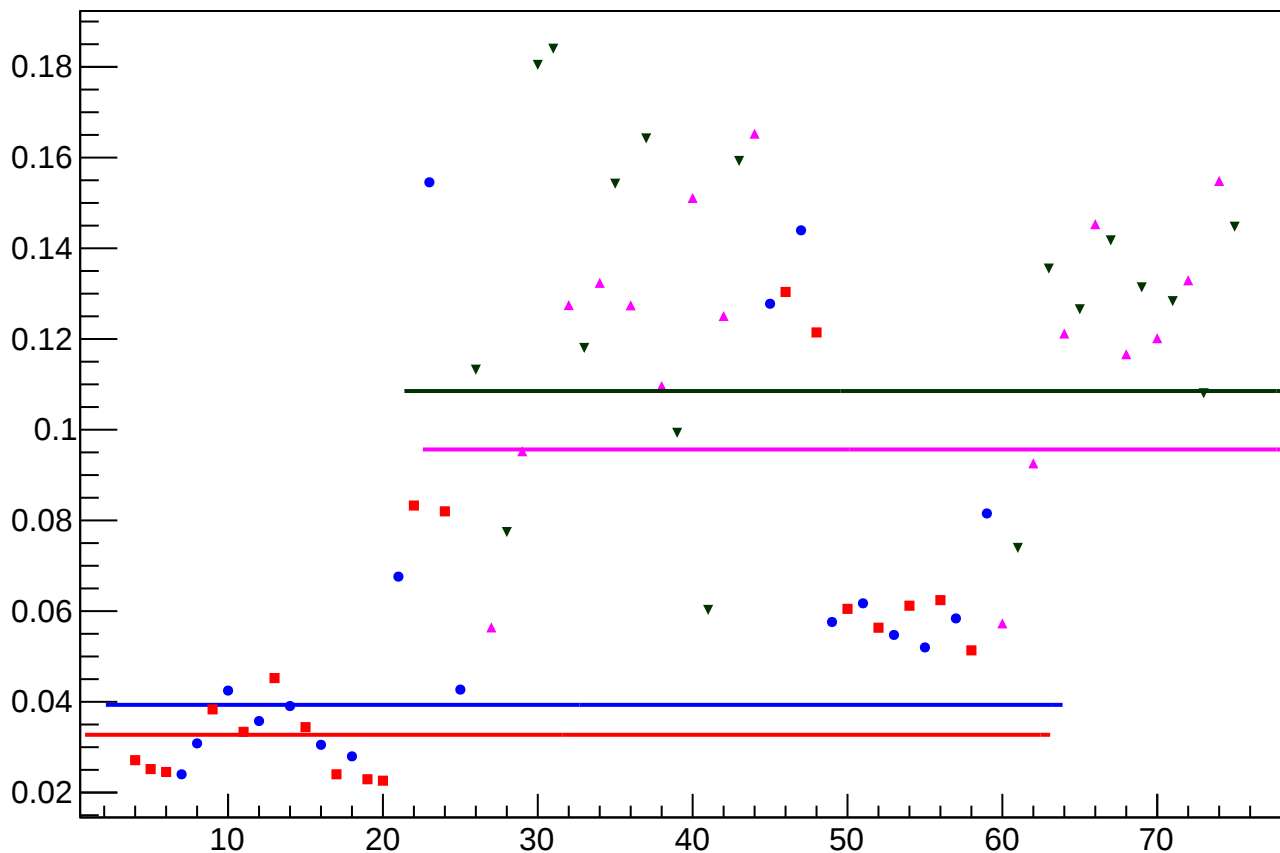
0.190+/-0.000 χ^2/NDF : 22184076684.8/35

Right Out: -0.514+/-0.000 χ^2/NDF : 14474436949.2/18

-0.335+/-0.000 χ^2/NDF : 18421401984.8/35

Left In: 1.114+/-0.000 χ^2/NDF : 2168251707.3/16

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.109+/-0.000 χ^2/NDF :1461683.6/17

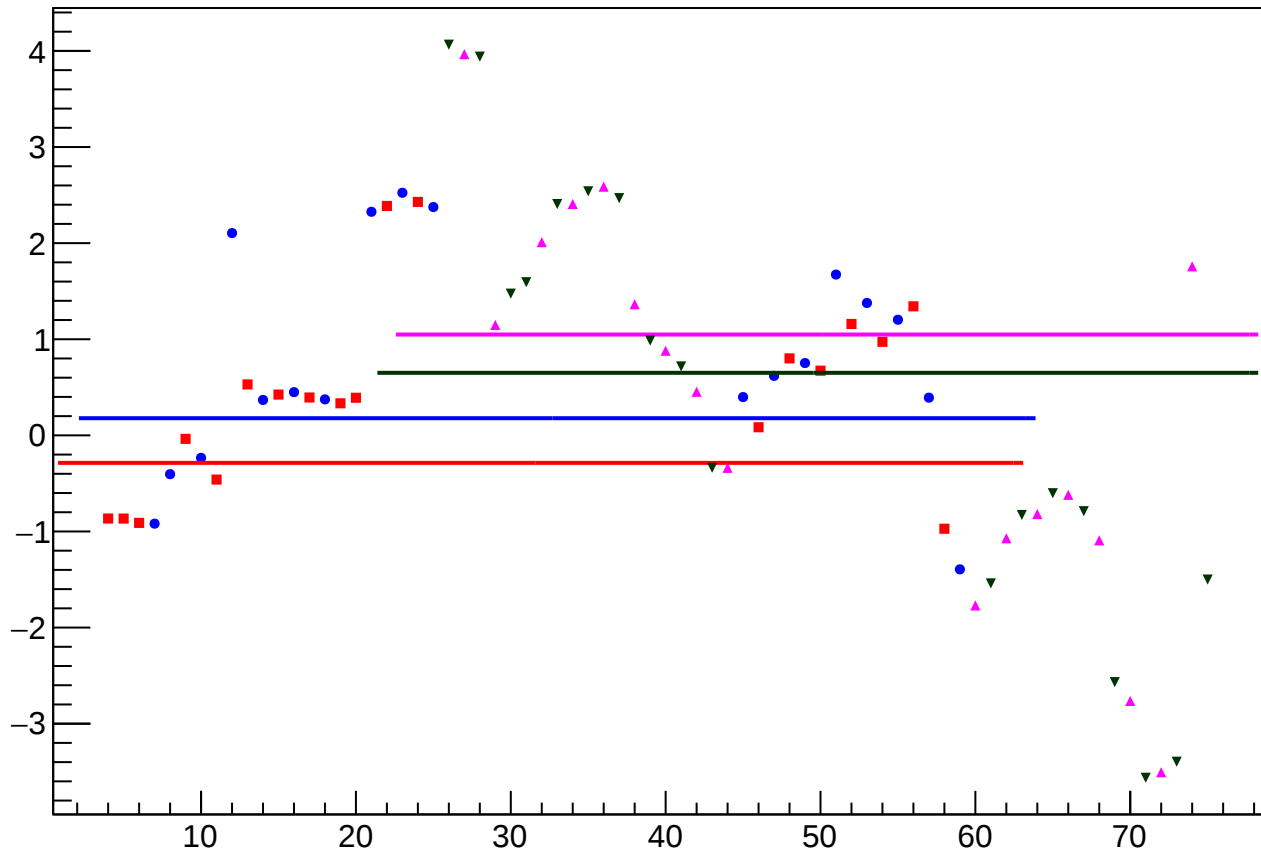
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.096+/-0.000 χ^2/NDF :1894013.2/16

0.047+/-0.000 χ^2/NDF : 9469991.4/35

0.040+/-0.000 χ^2/NDF : 10047603.5/35

yield_bpm1Y_mean vs slug



Right In: 0.178 ± 0.000 χ^2/NDF : 9482704623.3/17

Left Out: 0.651 ± 0.000 χ^2/NDF : 6394617945.6/17

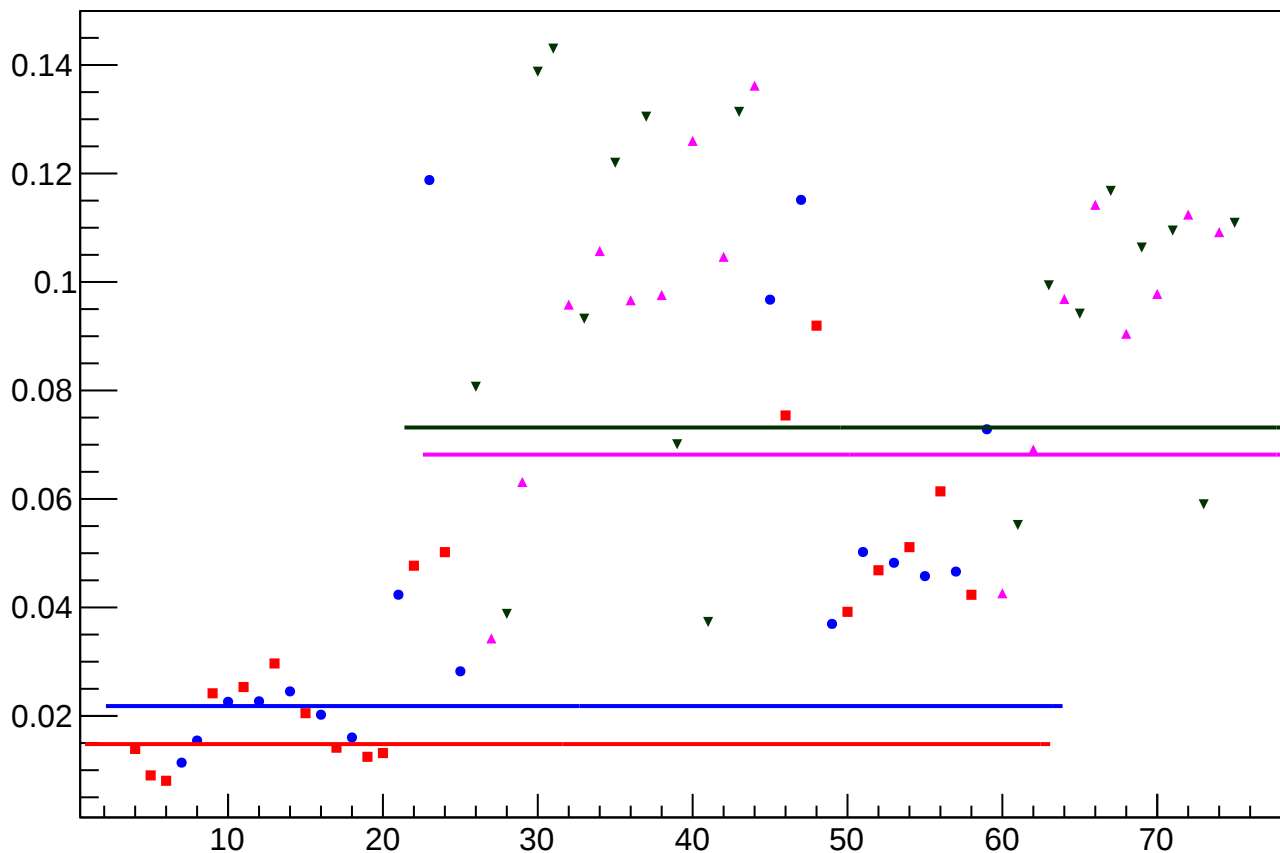
0.217 ± 0.000 χ^2/NDF : 16101664277.2/35

Right Out: -0.286 ± 0.000 χ^2/NDF : 10734675455.5/18

-0.209 ± 0.000 χ^2/NDF : 20558637836.5/35

Left In: 1.049 ± 0.000 χ^2/NDF : 7559345460.8/16

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.073+/-0.000 χ^2/NDF : 2479569.5/17

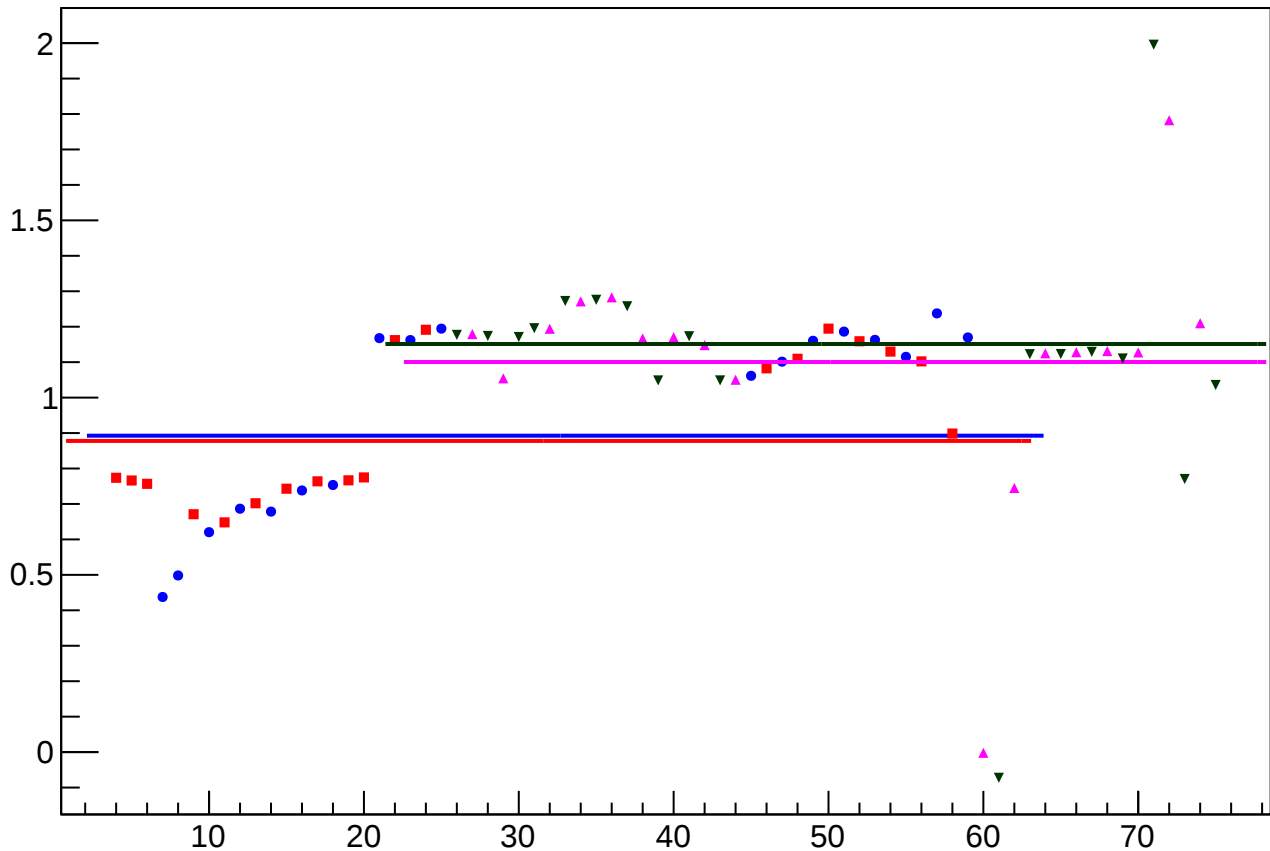
Right Out: 0.015+/-0.000 χ^2/NDF : 4938559.5/18

Left In: 0.068+/-0.000 χ^2/NDF : 2722005.8/16

0.026+/-0.000 χ^2/NDF : 12454044.6/35

0.018+/-0.000 χ^2/NDF : 14893105.8/35

yield_bpm11X_mean vs slug



Right In: 0.893 ± 0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.151 ± 0.000 χ^2/NDF : 1986494302.4/17

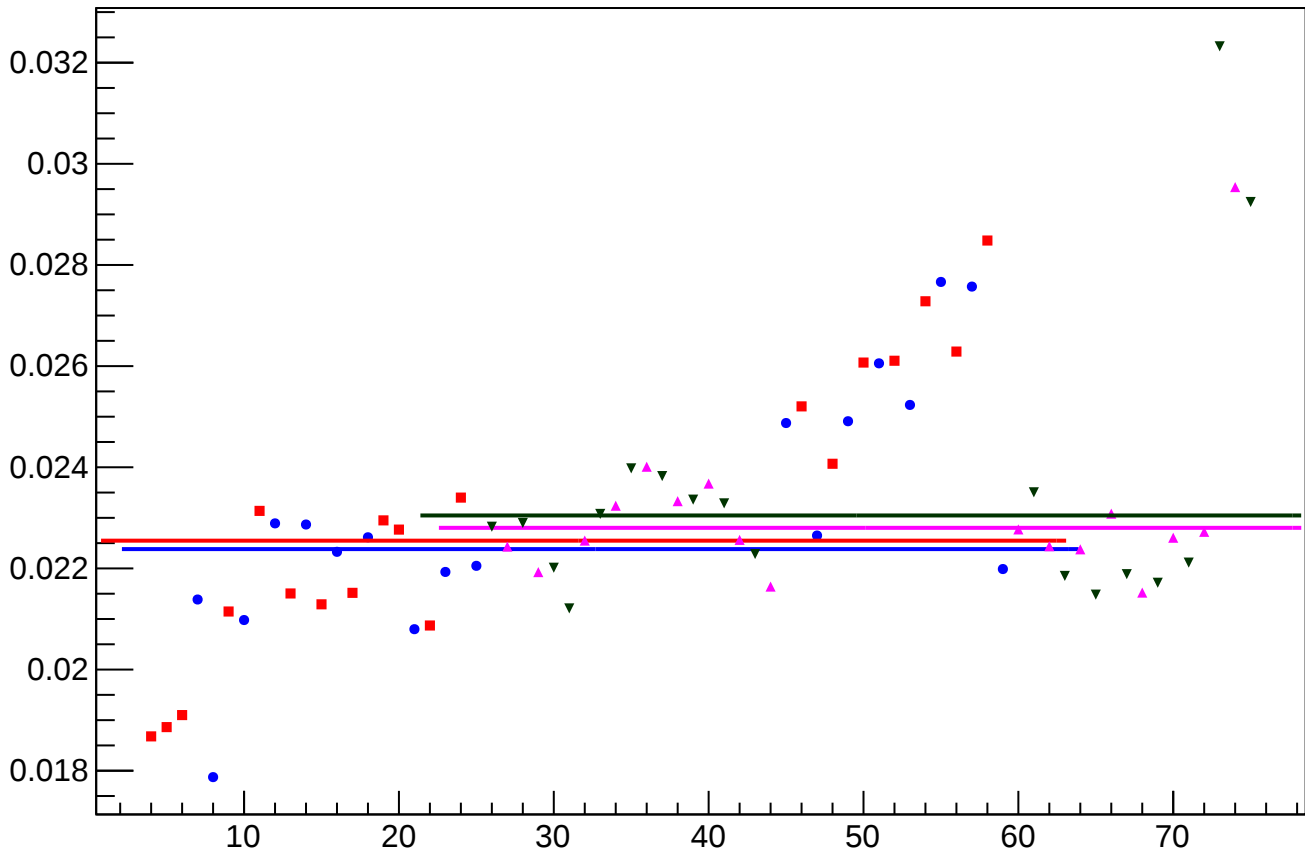
Right Out: 0.878 ± 0.000 χ^2/NDF : 761495098.5/18

Left In: 1.100 ± 0.000 χ^2/NDF : 1755092474.2/16

1.006 ± 0.000 χ^2/NDF : 4248054162.3/35

0.987 ± 0.000 χ^2/NDF : 2968549342.0/35

yield_bpm11X_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 264611.3/17

Left Out: 0.023+/-0.000 χ^2/NDF :151938.7/17

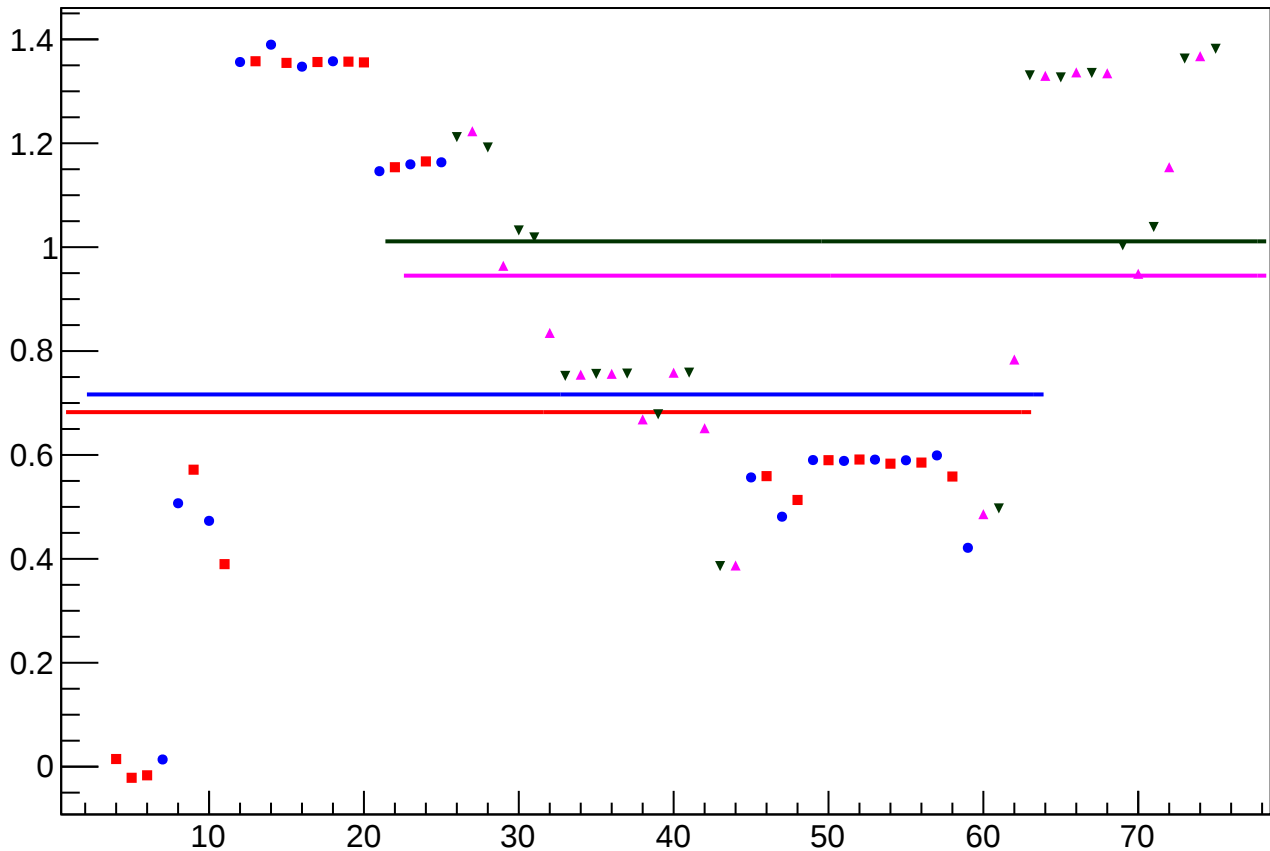
0.023+/-0.000 χ^2/NDF : 424913.4/35

Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

0.023+/-0.000 χ^2/NDF : 309812.0/35

Left In: 0.023+/-0.000 χ^2/NDF :62443.5/16

yield_bpm11Y_mean vs slug



Right In: 0.716 ± 0.000 χ^2/NDF : 131330740430.7/17

Left Out: 1.011 ± 0.000 χ^2/NDF : 68837998597.2/17

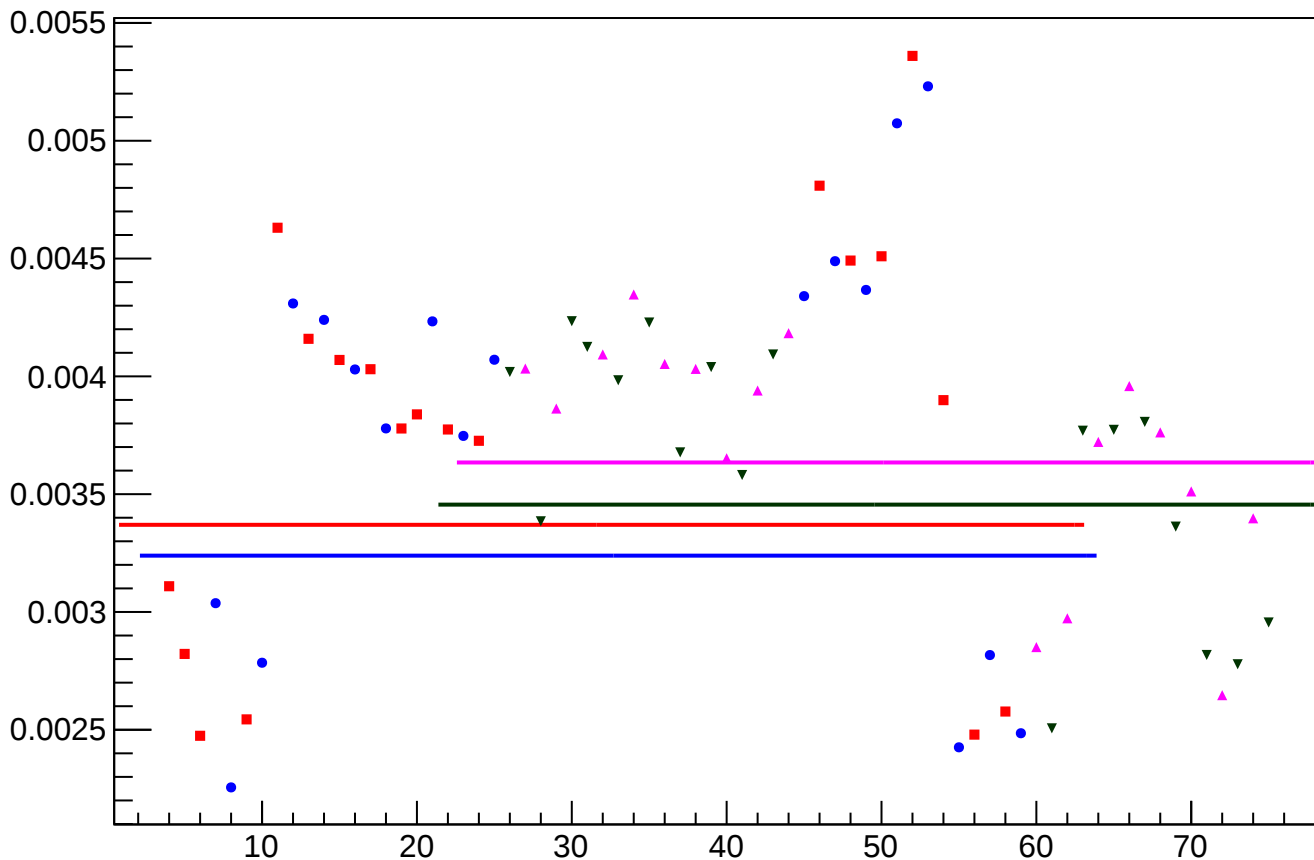
0.844 ± 0.000 χ^2/NDF : 236150840558.7/35

Right Out: 0.682 ± 0.000 χ^2/NDF : 168328456976.2/18

0.805 ± 0.000 χ^2/NDF : 253230721686.8/35

Left In: 0.945 ± 0.000 χ^2/NDF : 59504717796.4/16

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1552802.4/17

Left Out: 0.003+/-0.000 χ^2/NDF : 446242.7/17

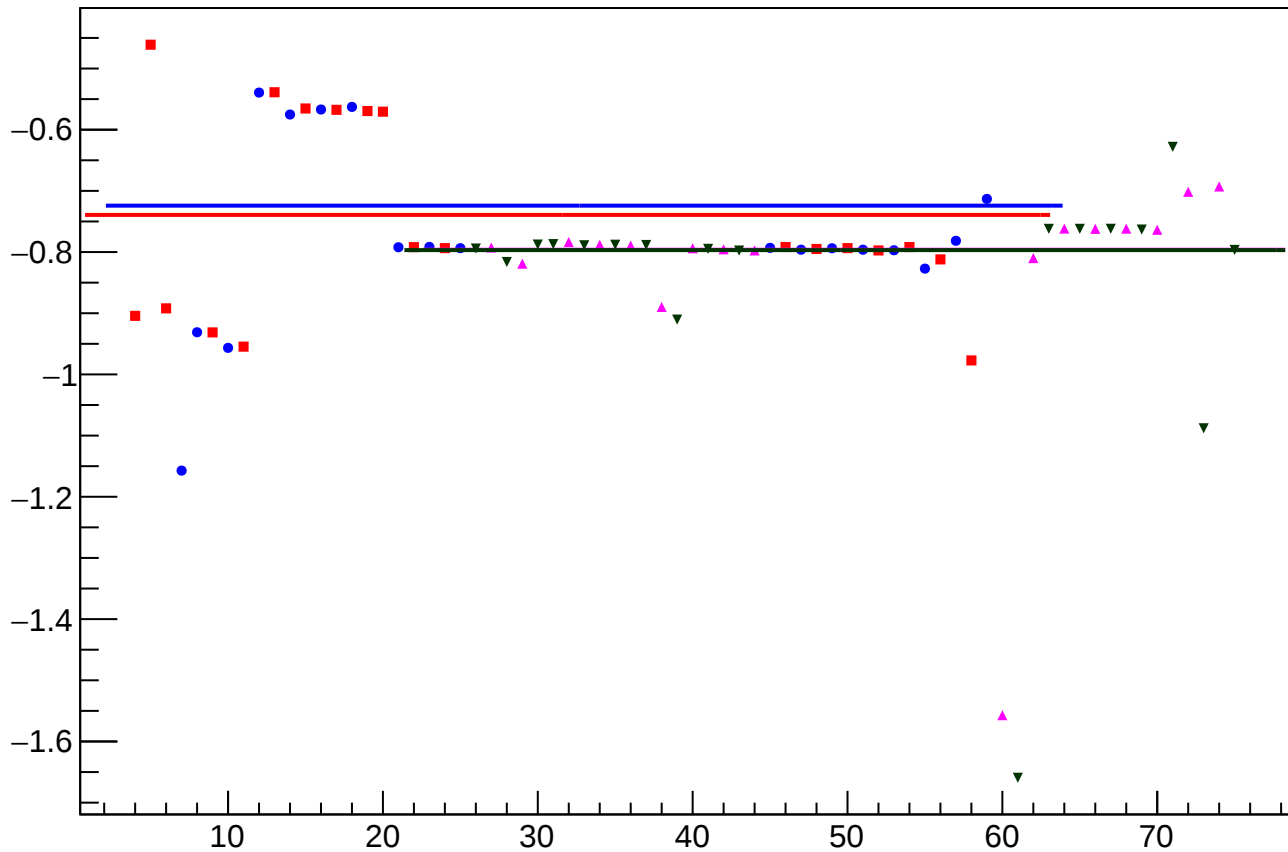
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF : 350540.6/16

0.003+/-0.000 χ^2/NDF : 2037910.4/35

0.003+/-0.000 χ^2/NDF : 1560231.0/35

yield_bpm12X_mean vs slug



Right In: -0.724 ± 0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.797 ± 0.000 χ^2/NDF : 693428262.1/17

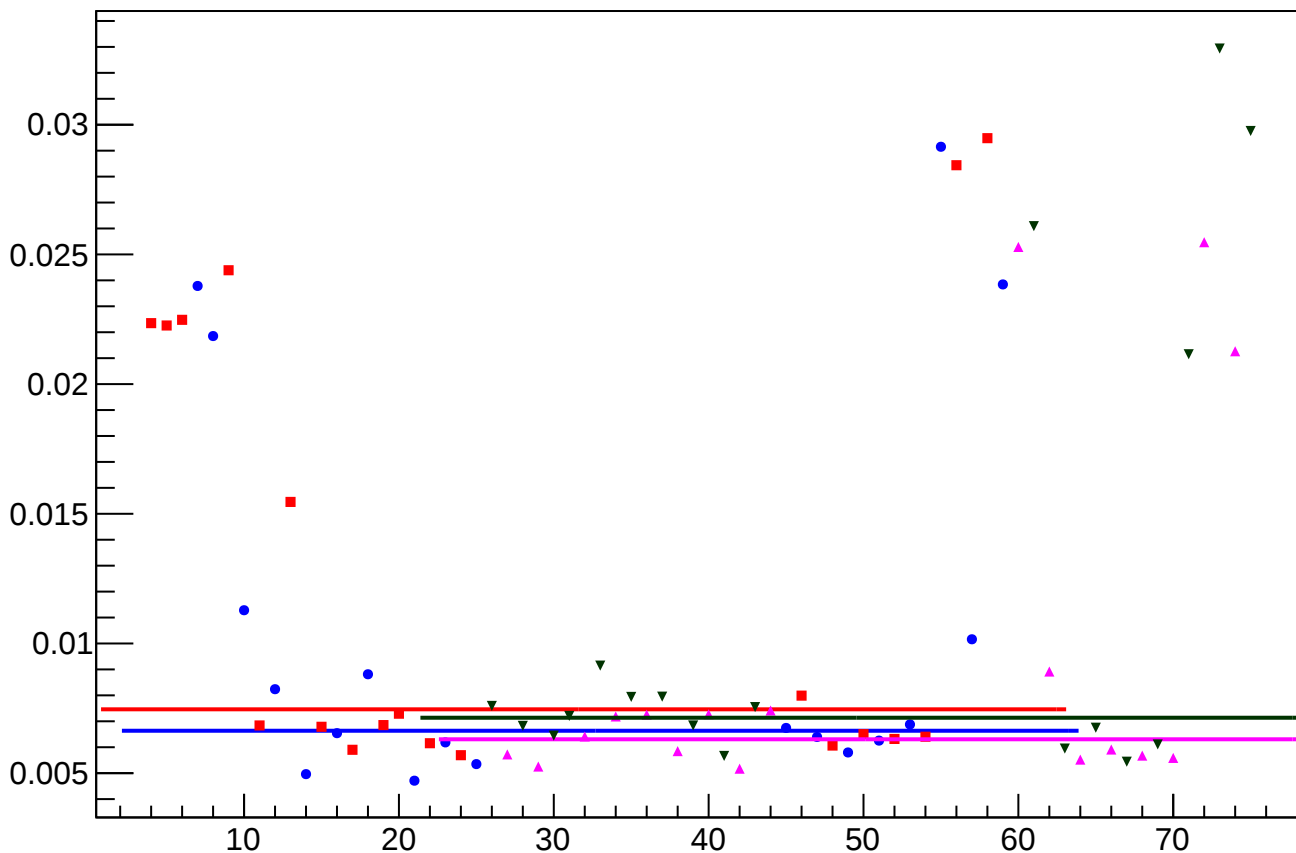
-0.756 ± 0.000 χ^2/NDF : 3304147640.0/35

Right Out: -0.739 ± 0.000 χ^2/NDF : 1945829237.2/18

-0.773 ± 0.000 χ^2/NDF : 2809092638.2/35

Left In: -0.796 ± 0.000 χ^2/NDF : 648384355.1/16

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 3347518.2/17

Left Out: 0.007+/-0.000 χ^2/NDF :2288826.2/17

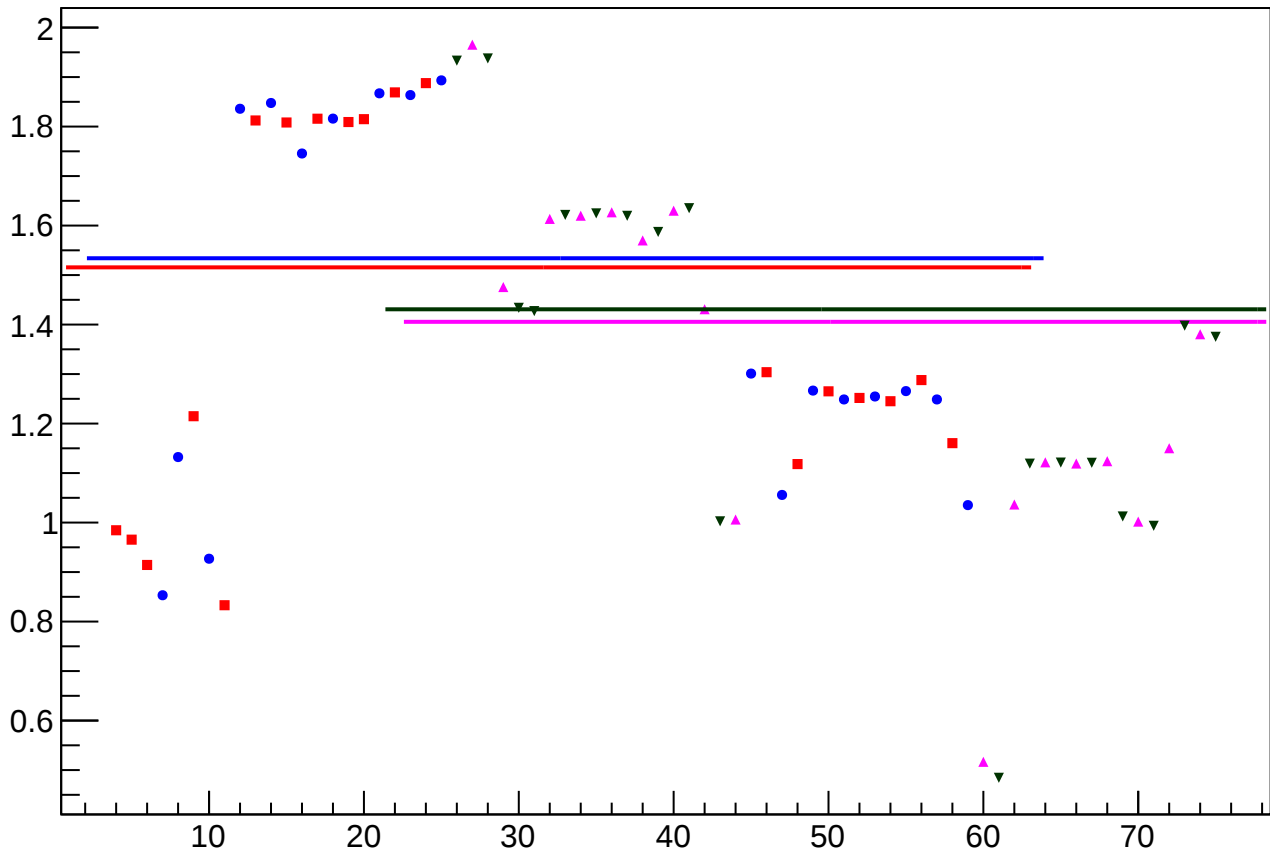
Right Out: 0.007+/-0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006+/-0.000 χ^2/NDF :1735730.3/16

0.007+/-0.000 χ^2/NDF : 5671299.8/35

0.007+/-0.000 χ^2/NDF : 5391861.6/35

yield_bpm12Y_mean vs slug



Right In: 1.534 $\pm$ 0.000 χ^2 /NDF: 22395382646.2/17

Left Out: 1.431 $\pm$ 0.000 χ^2 /NDF:17685969006.7/17

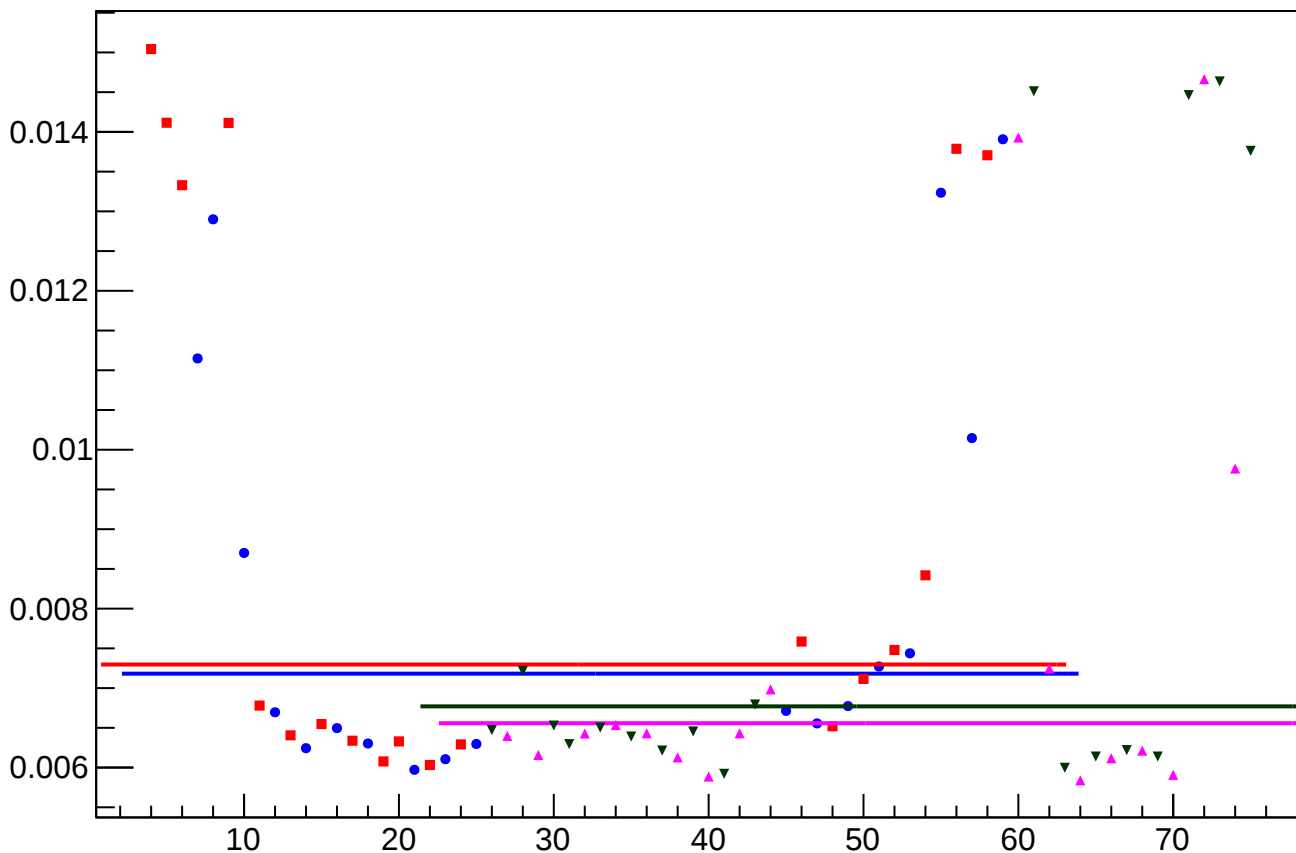
Right Out: 1.516 $\pm$ 0.000 χ^2 /NDF: 21754735470.0/18

Left In: 1.406 $\pm$ 0.000 χ^2 /NDF:19288311457.4/16

1.485 $\pm$ 0.000 χ^2 /NDF: 41051791794.4/35

1.455 $\pm$ 0.000 χ^2 /NDF: 42112175928.2/35

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1305539.8/17

Left Out: 0.007+/-0.000 χ^2/NDF :1123788.8/17

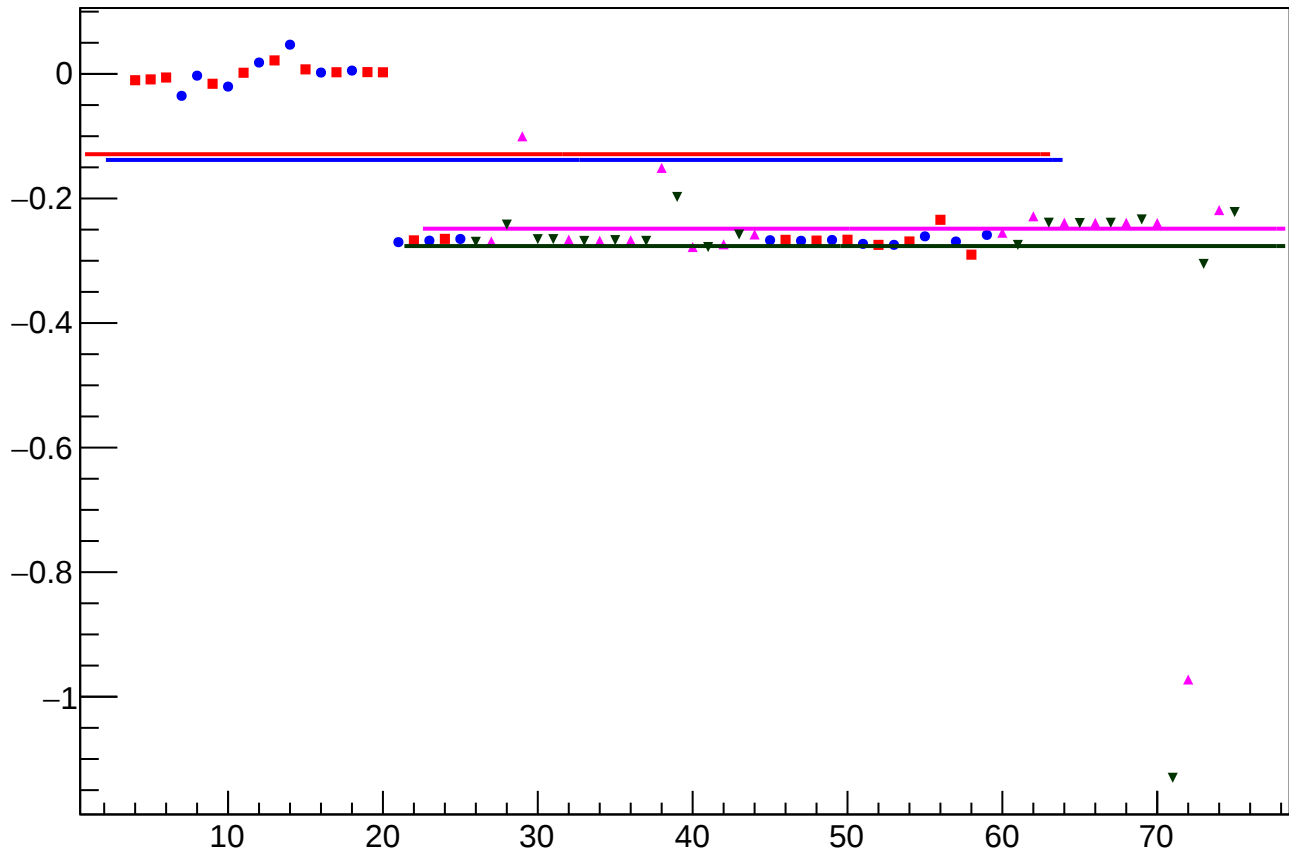
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF :712293.3/16

0.007+/-0.000 χ^2/NDF : 2460232.1/35

0.007+/-0.000 χ^2/NDF : 2266396.1/35

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.276+/-0.000 χ^2/NDF : 5787967307.9/17

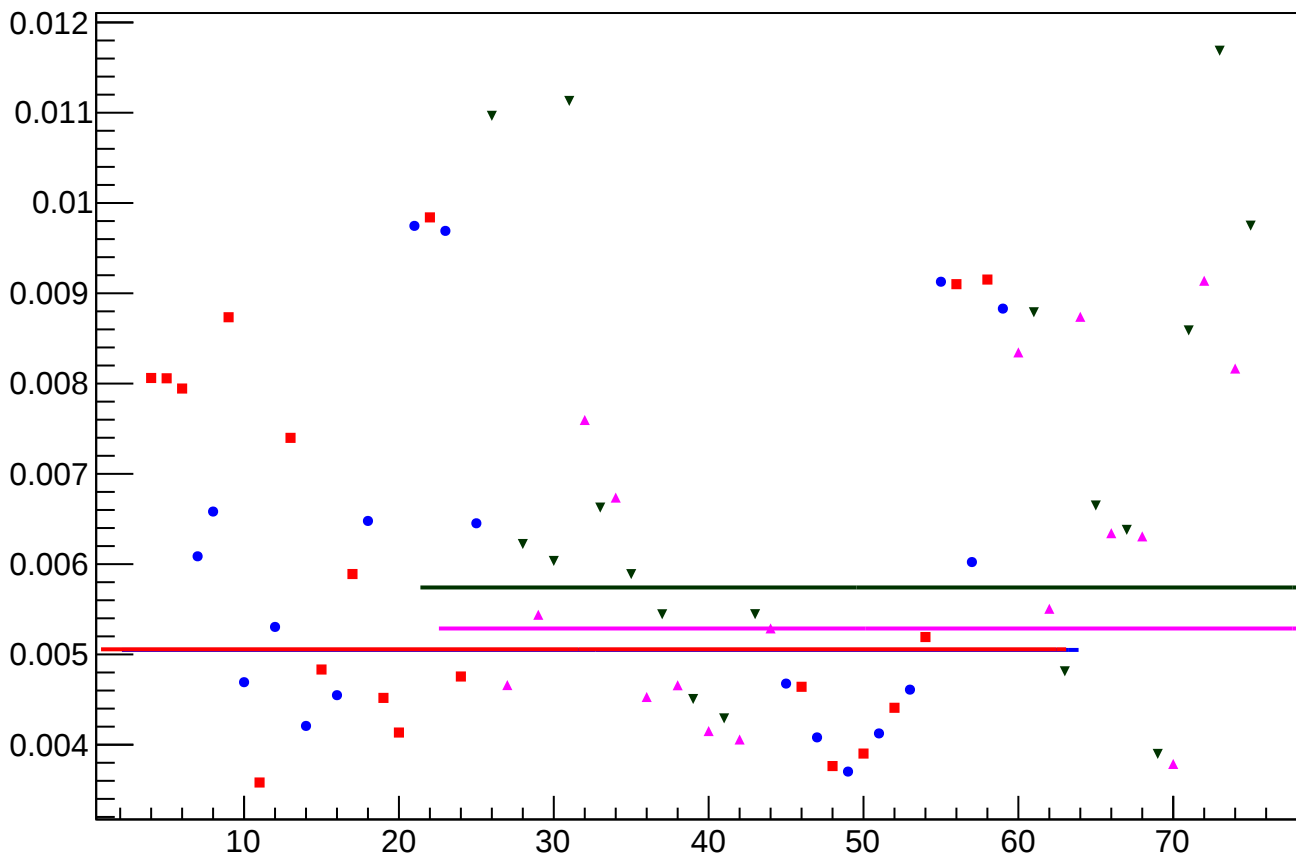
Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

Left In: -0.249+/-0.000 χ^2/NDF : 3548650935.3/16

-0.193+/-0.000 χ^2/NDF : 15828263520.9/35

-0.186+/-0.000 χ^2/NDF : 11612115329.0/35

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1664372.1/17

Left Out: 0.006+/-0.000 χ^2/NDF :1514544.3/17

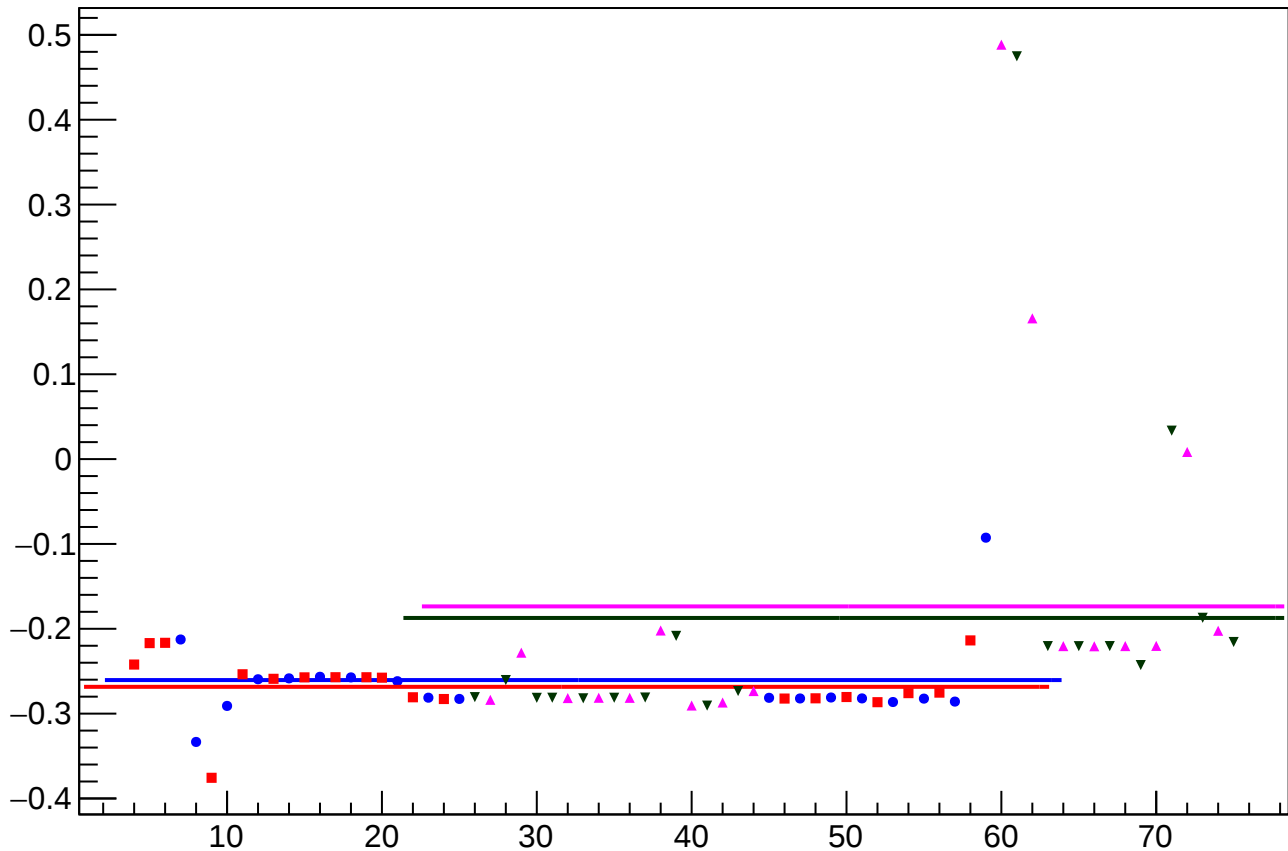
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF :1158747.2/16

0.005+/-0.000 χ^2/NDF : 3317266.7/35

0.005+/-0.000 χ^2/NDF : 2997459.9/35

yield_bpm16Y_mean vs slug



Right In: -0.260 ± 0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.187 ± 0.000 χ^2/NDF : 44871092371.9/17

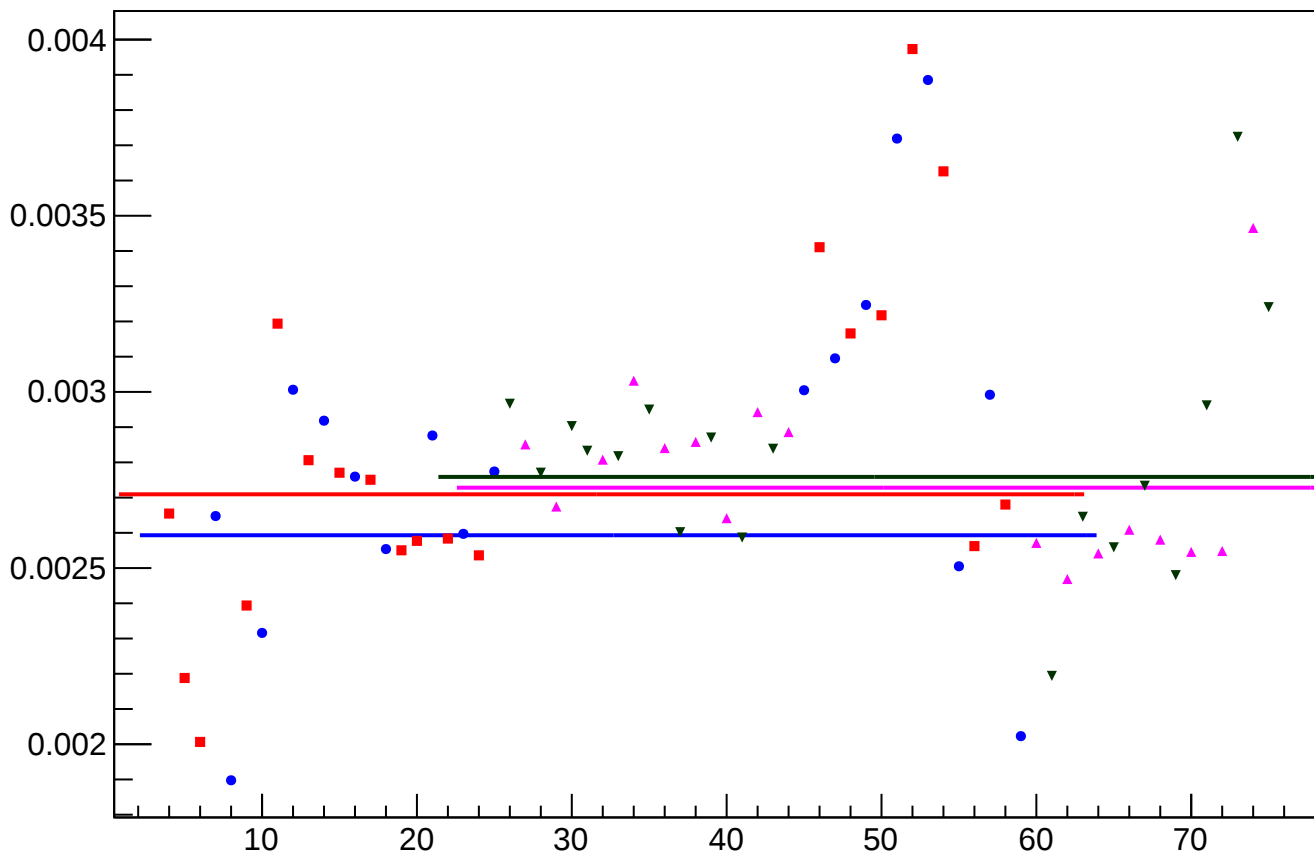
Right Out: -0.268 ± 0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.174 ± 0.000 χ^2/NDF : 46384904780.9/16

-0.229 ± 0.000 χ^2/NDF : 55342656357.9/35

-0.222 ± 0.000 χ^2/NDF : 54219631214.8/35

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 774114.6/17

Left Out: 0.003+/-0.000 χ^2/NDF :190216.8/17

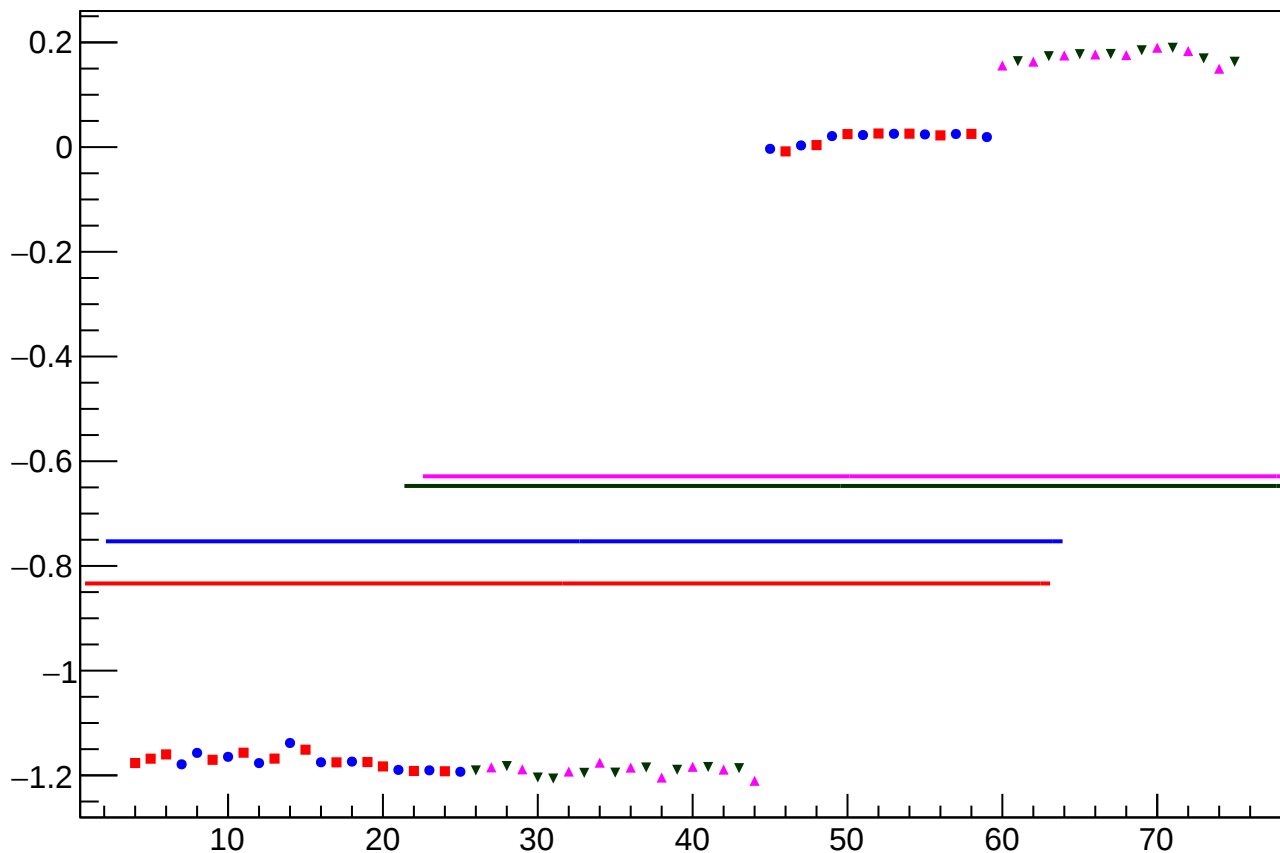
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF :103672.1/16

0.003+/-0.000 χ^2/NDF : 1001089.4/35

0.003+/-0.000 χ^2/NDF : 580347.9/35

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -0.647+/-0.000 χ^2/NDF : 60186038191.5/17

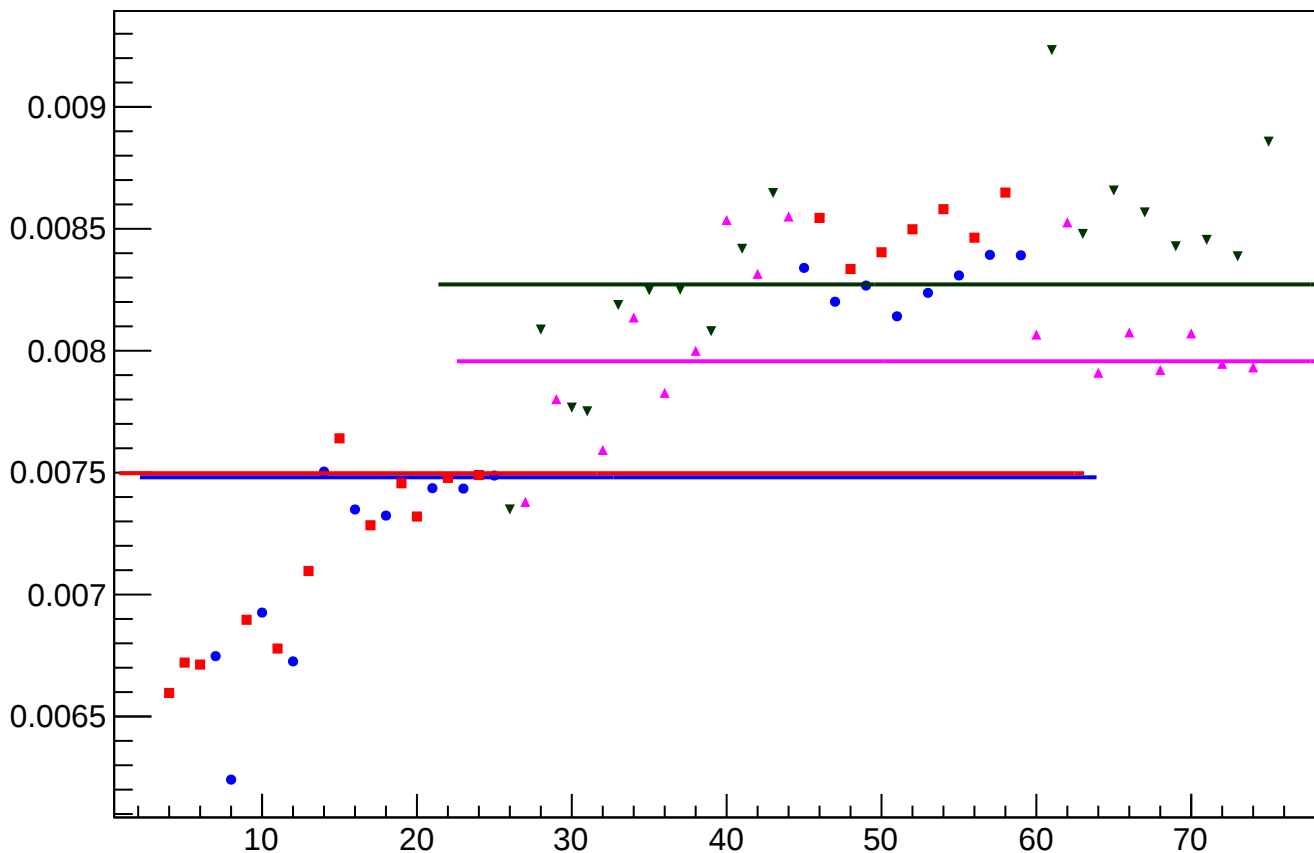
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.629+/-0.000 χ^2/NDF : 67730548738.7/16

-0.710+/-0.000 χ^2/NDF : 124606614472.2/35

-0.739+/-0.000 χ^2/NDF : 121457671251.2/35

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 196084.4/17

Left Out: 0.008+/-0.000 χ^2/NDF : 44763.8/17

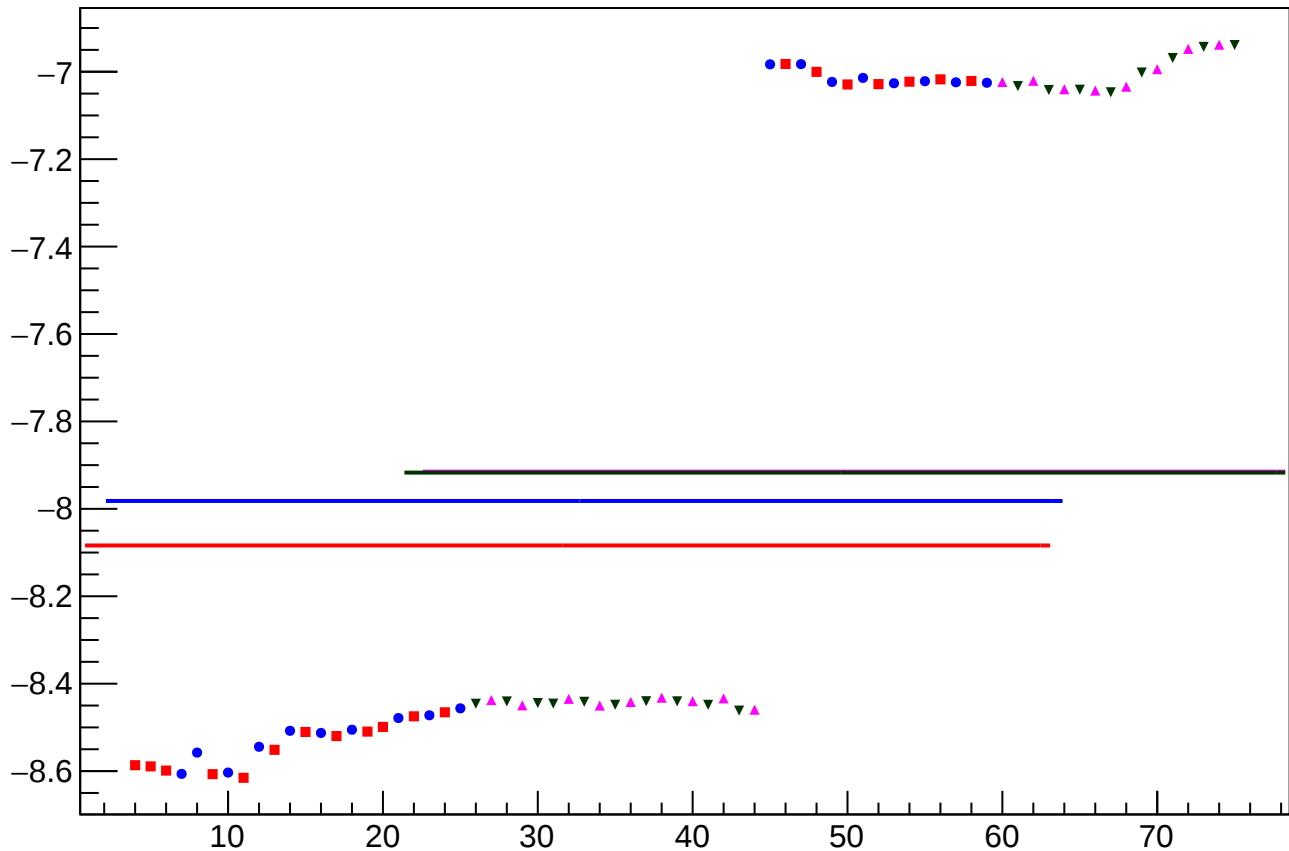
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF : 31766.0/16

0.008+/-0.000 χ^2/NDF : 341058.6/35

0.008+/-0.000 χ^2/NDF : 233341.3/35

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -7.917+/-0.000 χ^2/NDF : 79292936906.8/17

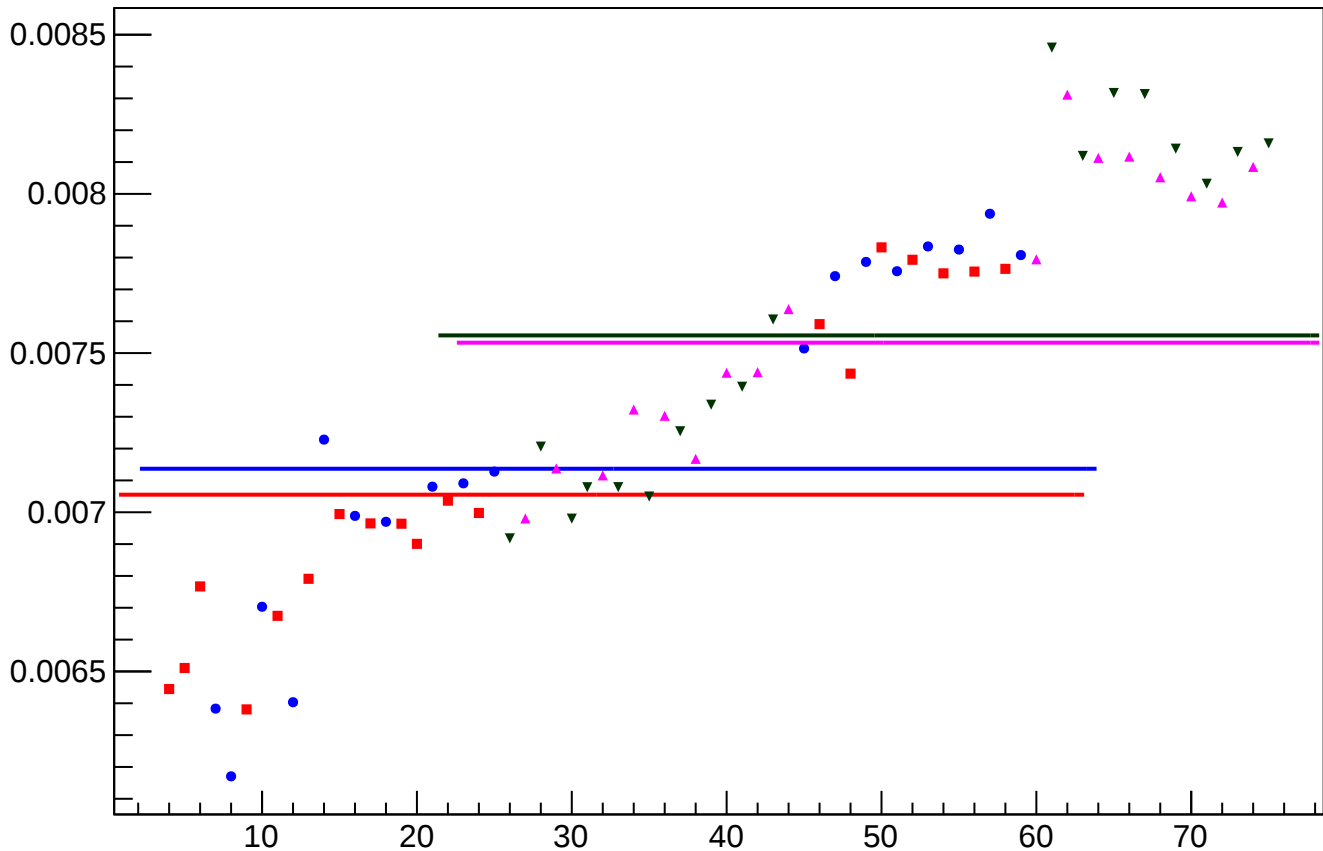
-7.954+/-0.000 χ^2/NDF : 196211809641.4/35

Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

-8.006+/-0.000 χ^2/NDF : 183649493739.0/35

Left In: -7.915+/-0.000 χ^2/NDF : 81524753149.3/16

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 141394.2/17

Left Out: 0.008+/-0.000 χ^2/NDF : 87266.8/17

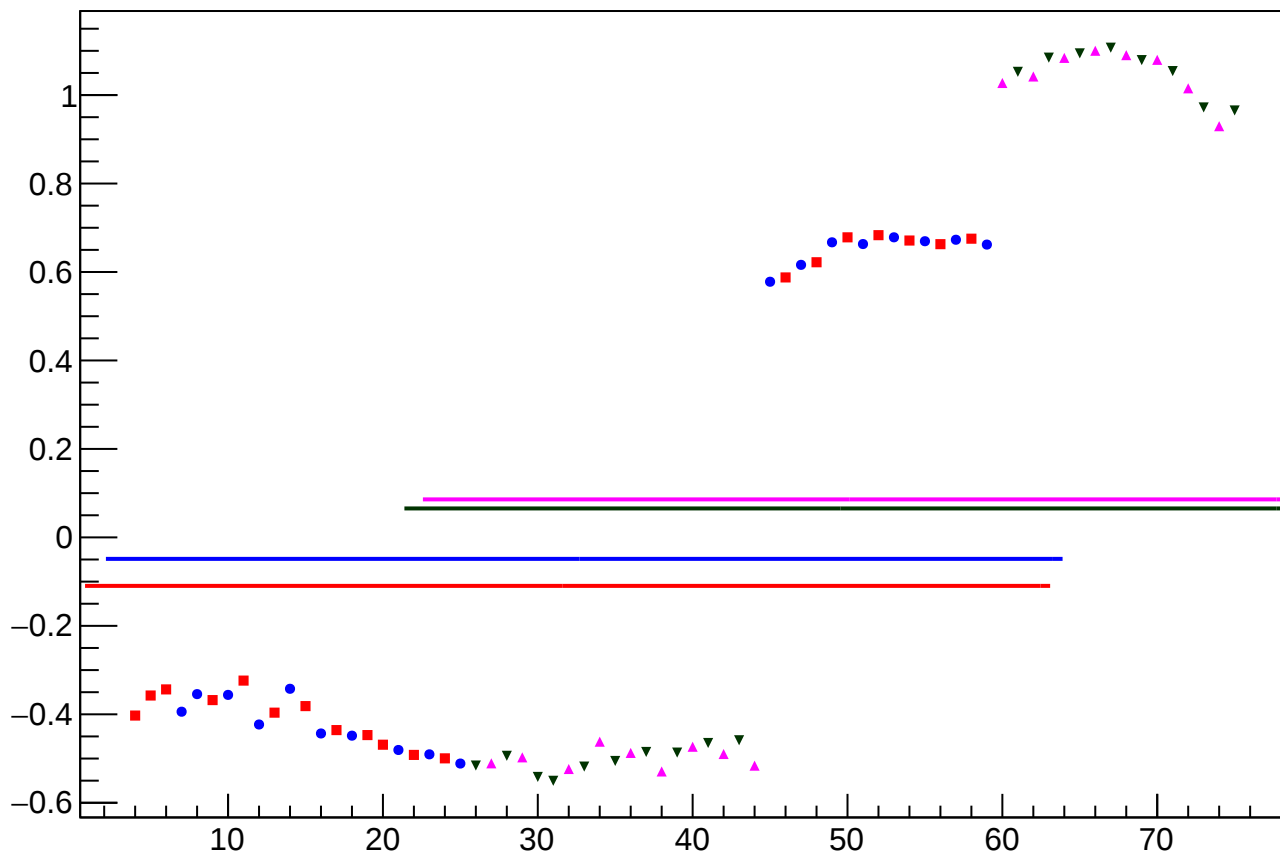
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.008+/-0.000 χ^2/NDF : 62657.0/16

0.007+/-0.000 χ^2/NDF : 261516.1/35

0.007+/-0.000 χ^2/NDF : 193375.4/35

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: 0.065+/-0.000 χ^2/NDF :11291826162.4/17

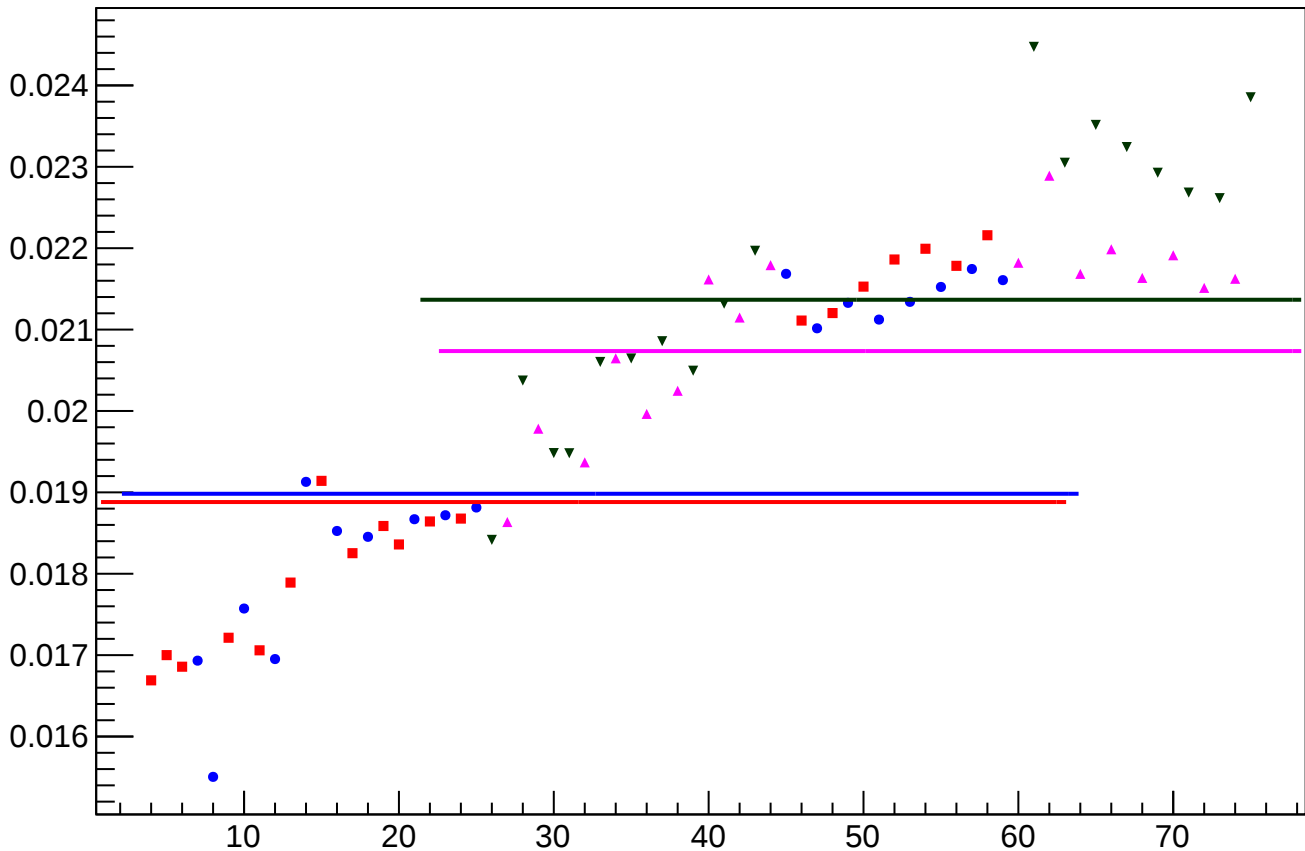
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: 0.086+/-0.000 χ^2/NDF :12588244869.8/16

-0.004+/-0.000 χ^2/NDF : 19256292567.5/35

-0.022+/-0.000 χ^2/NDF : 19318021394.4/35

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 254927.5/17

Left Out: 0.021+/-0.000 χ^2/NDF :106945.9/17

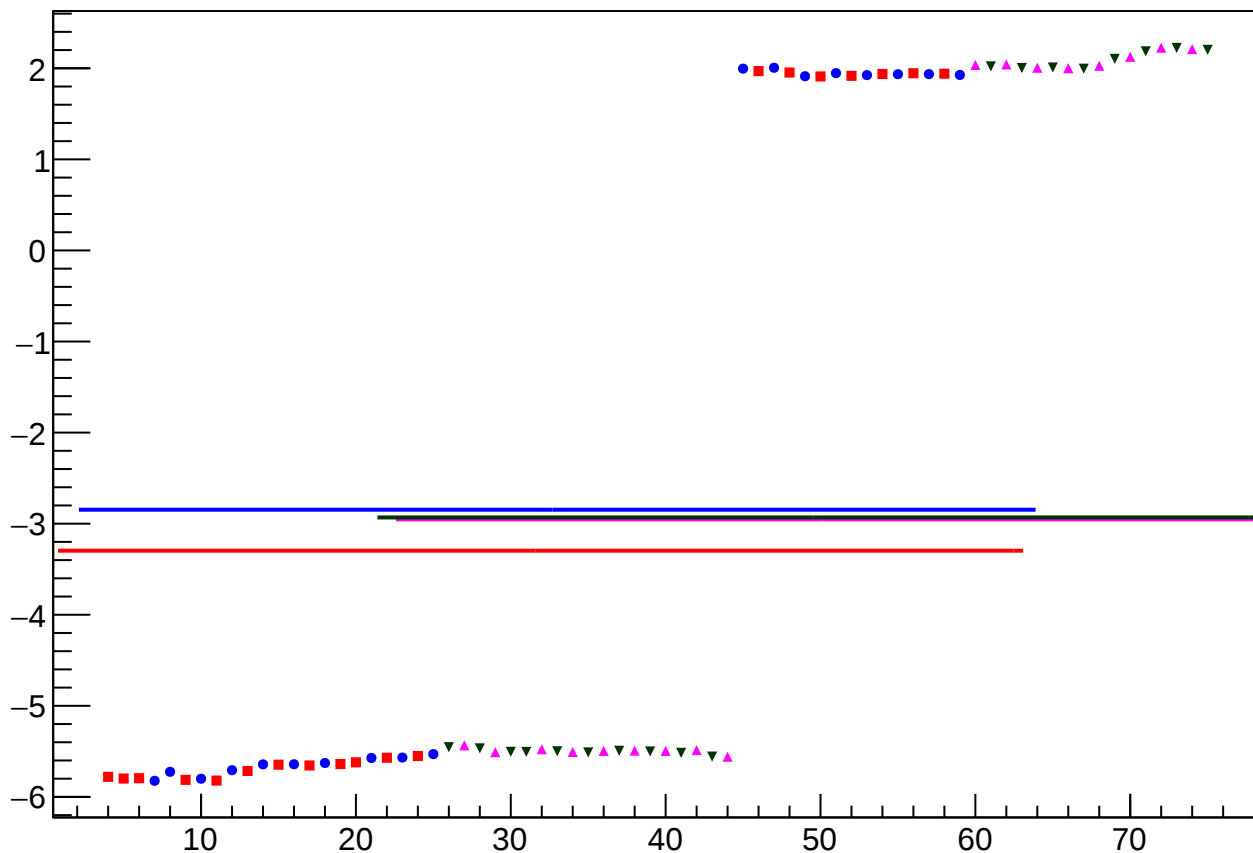
0.020+/-0.000 χ^2/NDF : 500093.2/35

Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

0.020+/-0.000 χ^2/NDF : 339852.2/35

Left In: 0.021+/-0.000 χ^2/NDF :64585.5/16

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2 /NDF: 988085675921.2/17

Left Out: -2.932+/-0.000 χ^2 /NDF: 724262340346.3/17

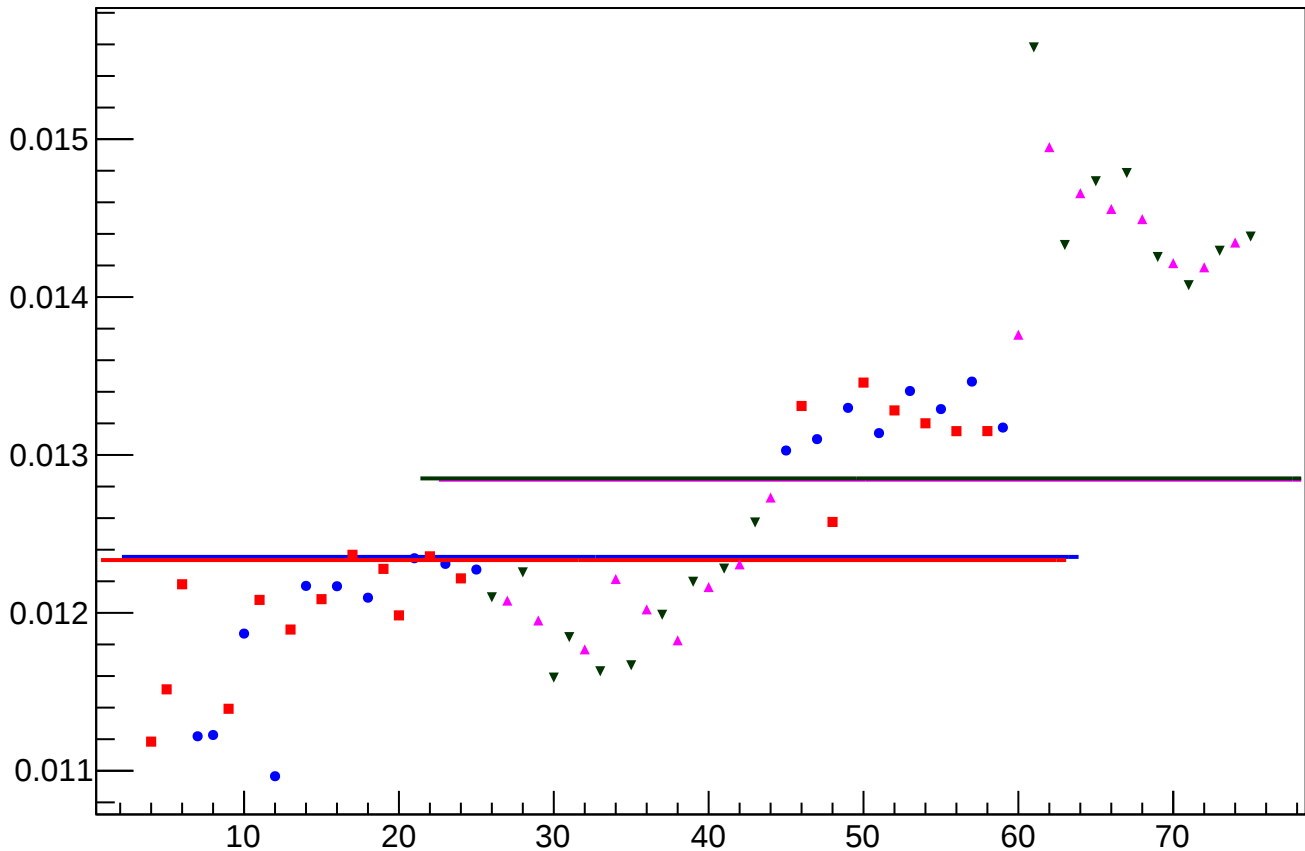
Right Out: -3.297+/-0.000 χ^2 /NDF: 819050975647.4/18

Left In: -2.953+/-0.000 χ^2 /NDF: 742607630699.9/16

-2.884+/-0.000 χ^2 /NDF: 1712576686836.5/35

-3.134+/-0.000 χ^2 /NDF: 1565280952906.3/35

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 89844.3/17

Left Out: 0.013+/-0.000 χ^2/NDF :168454.5/17

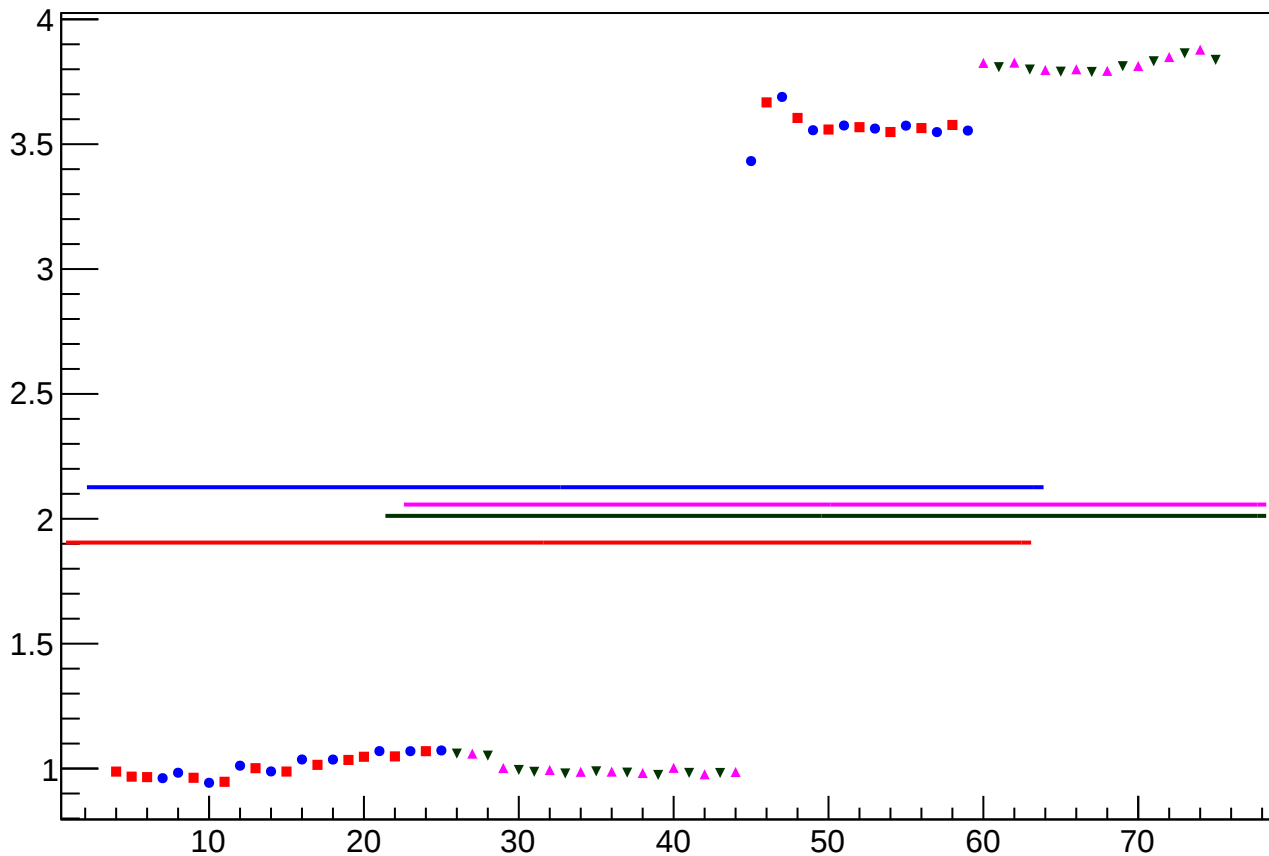
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.013+/-0.000 χ^2/NDF :147087.2/16

0.013+/-0.000 χ^2/NDF : 273962.0/35

0.013+/-0.000 χ^2/NDF : 217841.2/35

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 2.012+/-0.000 χ^2/NDF : 271727625169.2/17

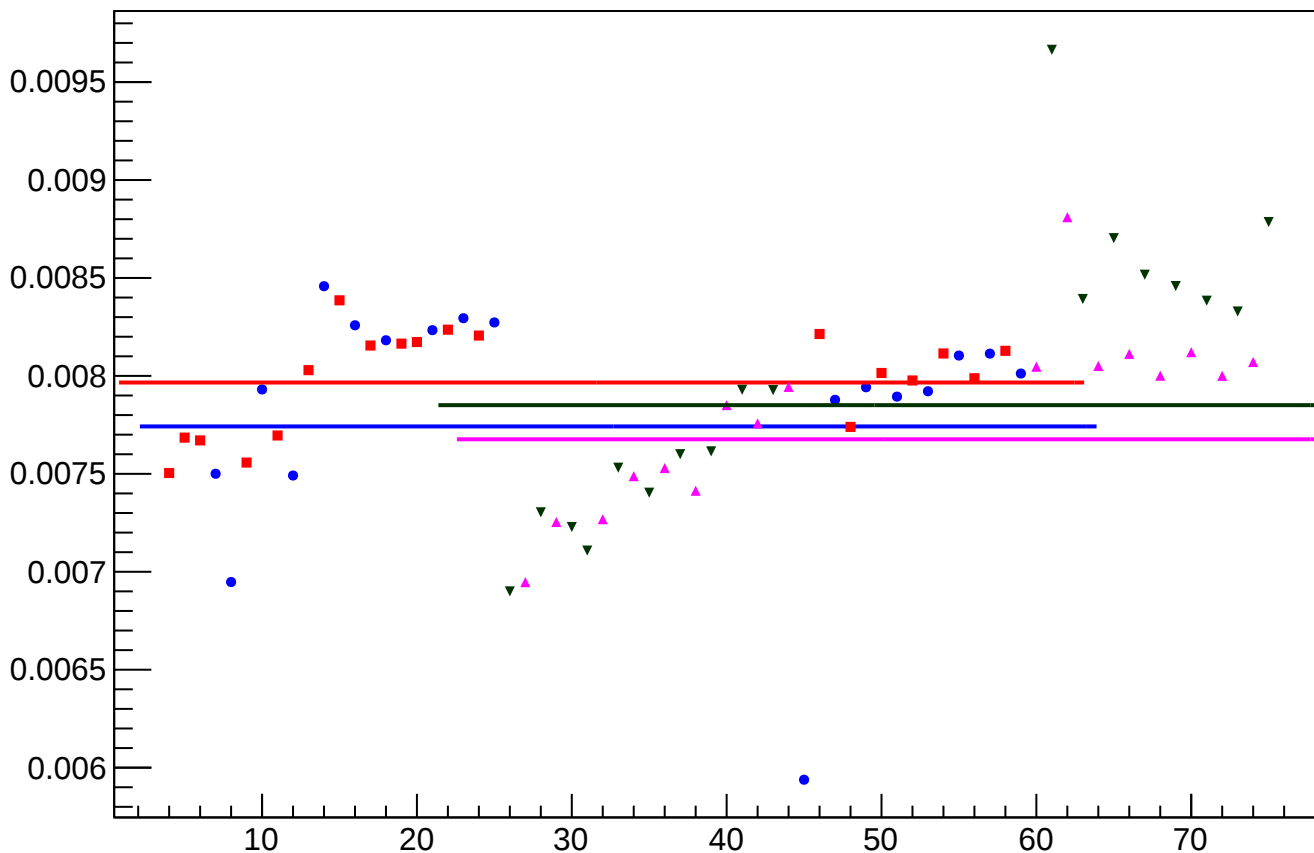
Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

Left In: 2.057+/-0.000 χ^2/NDF : 300830448377.0/16

2.075+/-0.000 χ^2/NDF : 565444717989.3/35

1.982+/-0.000 χ^2/NDF : 538690343490.7/35

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 178907.2/17

Left Out: 0.008+/-0.000 χ^2/NDF :121866.8/17

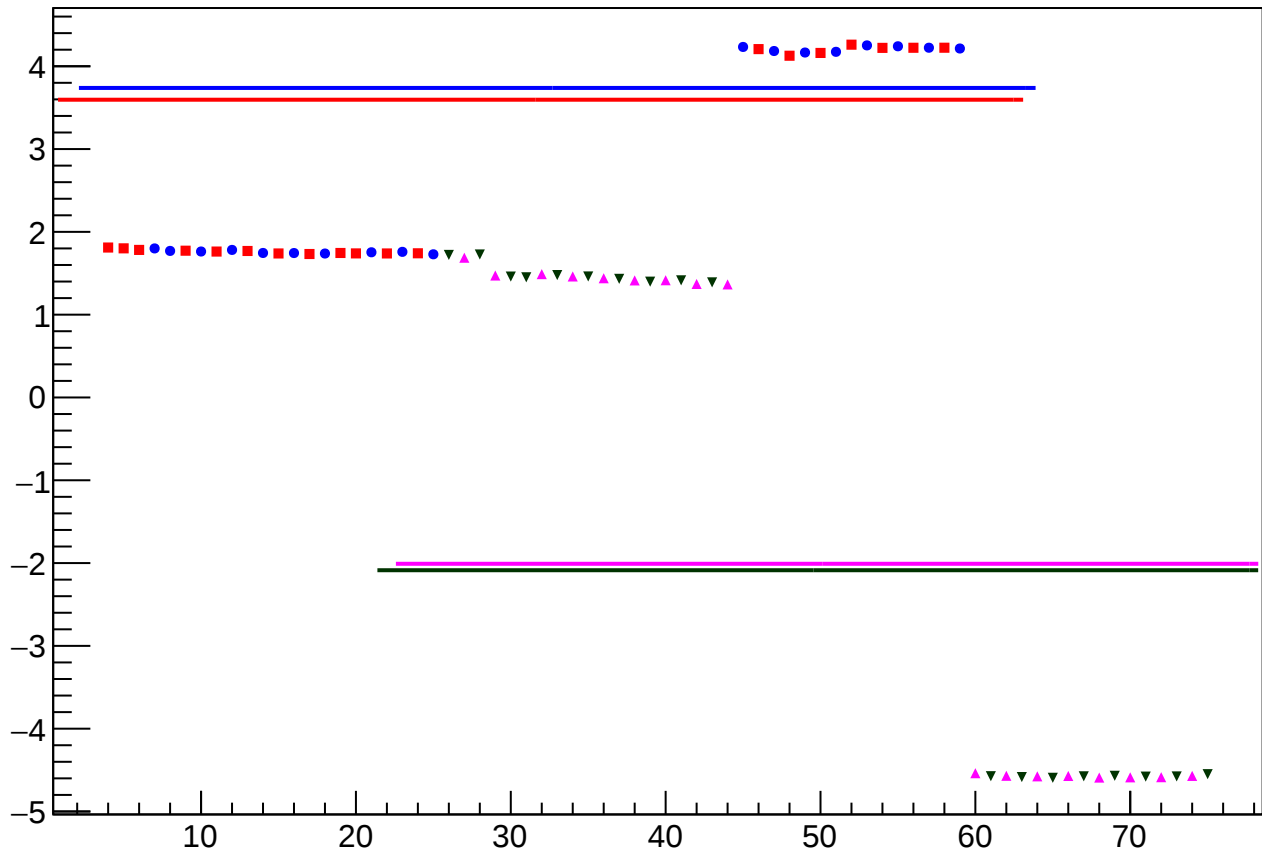
Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

Left In: 0.008+/-0.000 χ^2/NDF :64767.4/16

0.008+/-0.000 χ^2/NDF : 302718.7/35

0.008+/-0.000 χ^2/NDF : 98144.2/35

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000 χ^2/NDF : 502669373965.6/17

Left Out: -2.086+/-0.000 χ^2/NDF : 3398335657001.0/17

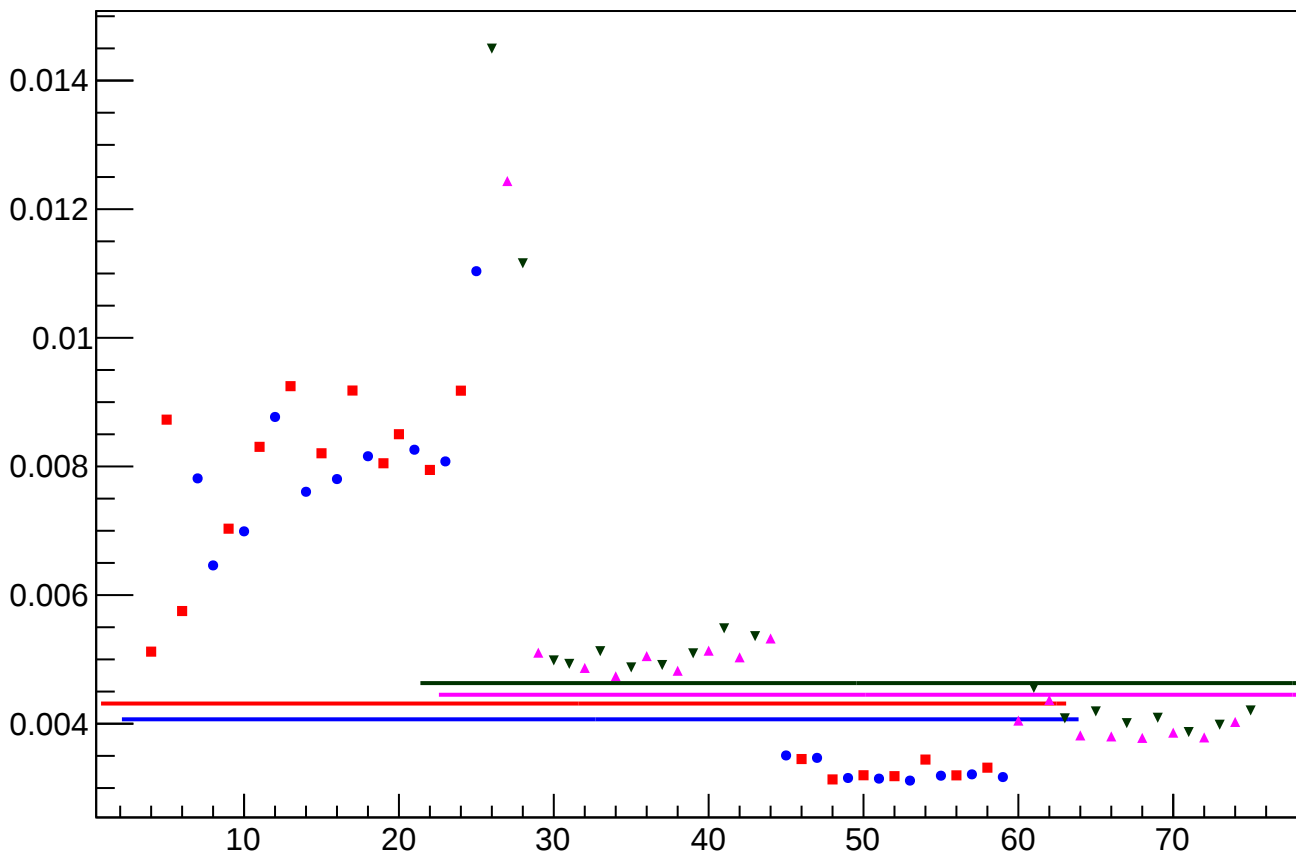
1.309+/-0.000 χ^2/NDF : 11534590134027.9/35

Right Out: 3.596+/-0.000 χ^2/NDF : 468031292414.6/18

0.728+/-0.000 χ^2/NDF : 11134174166824.0/35

Left In: -2.009+/-0.000 χ^2/NDF : 3905308051509.9/16

yield_bpm1i04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 3401724.5/17

Left Out: 0.005+/-0.000 χ^2/NDF :1095148.1/17

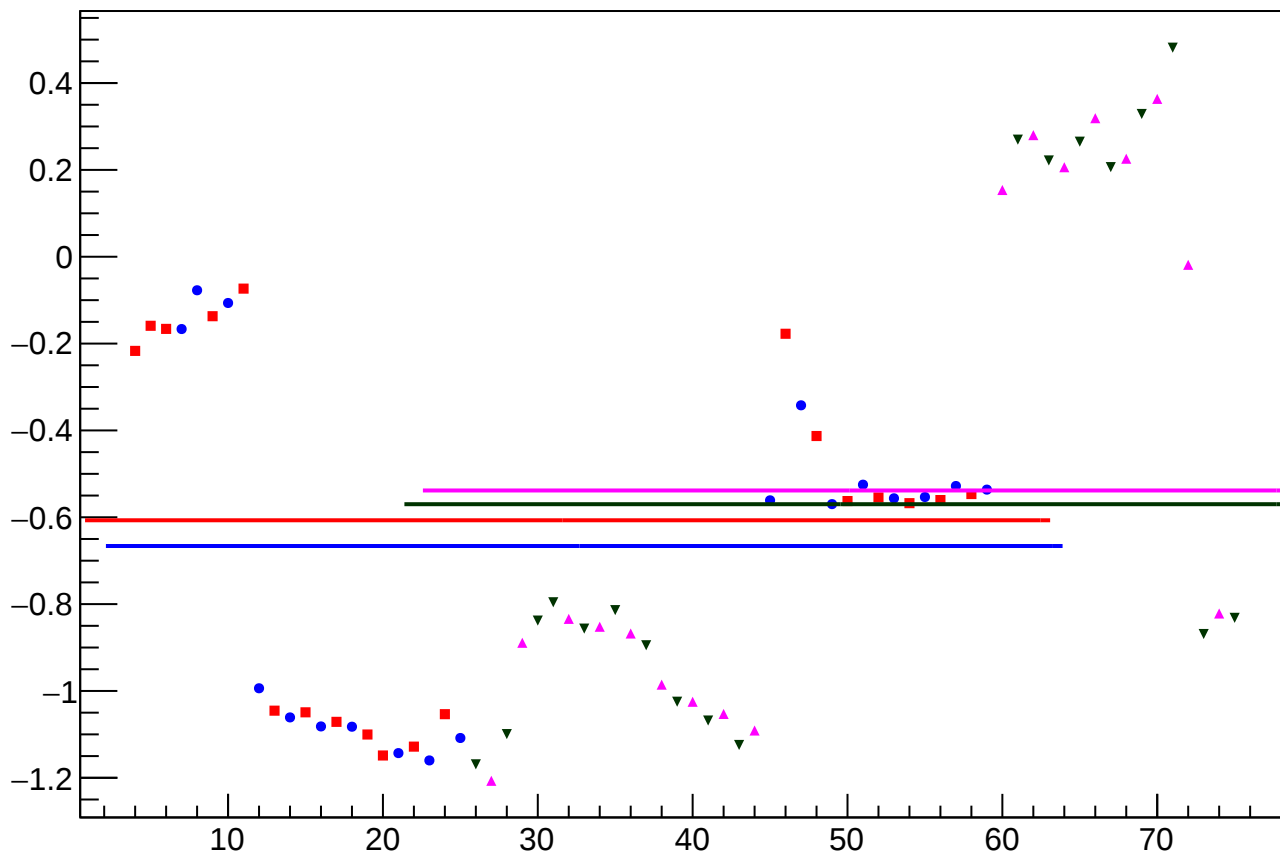
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.004+/-0.000 χ^2/NDF :874018.4/16

0.004+/-0.000 χ^2/NDF : 4639547.6/35

0.004+/-0.000 χ^2/NDF : 4123308.3/35

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.570+/-0.000 χ^2/NDF : 39016912691.9/17

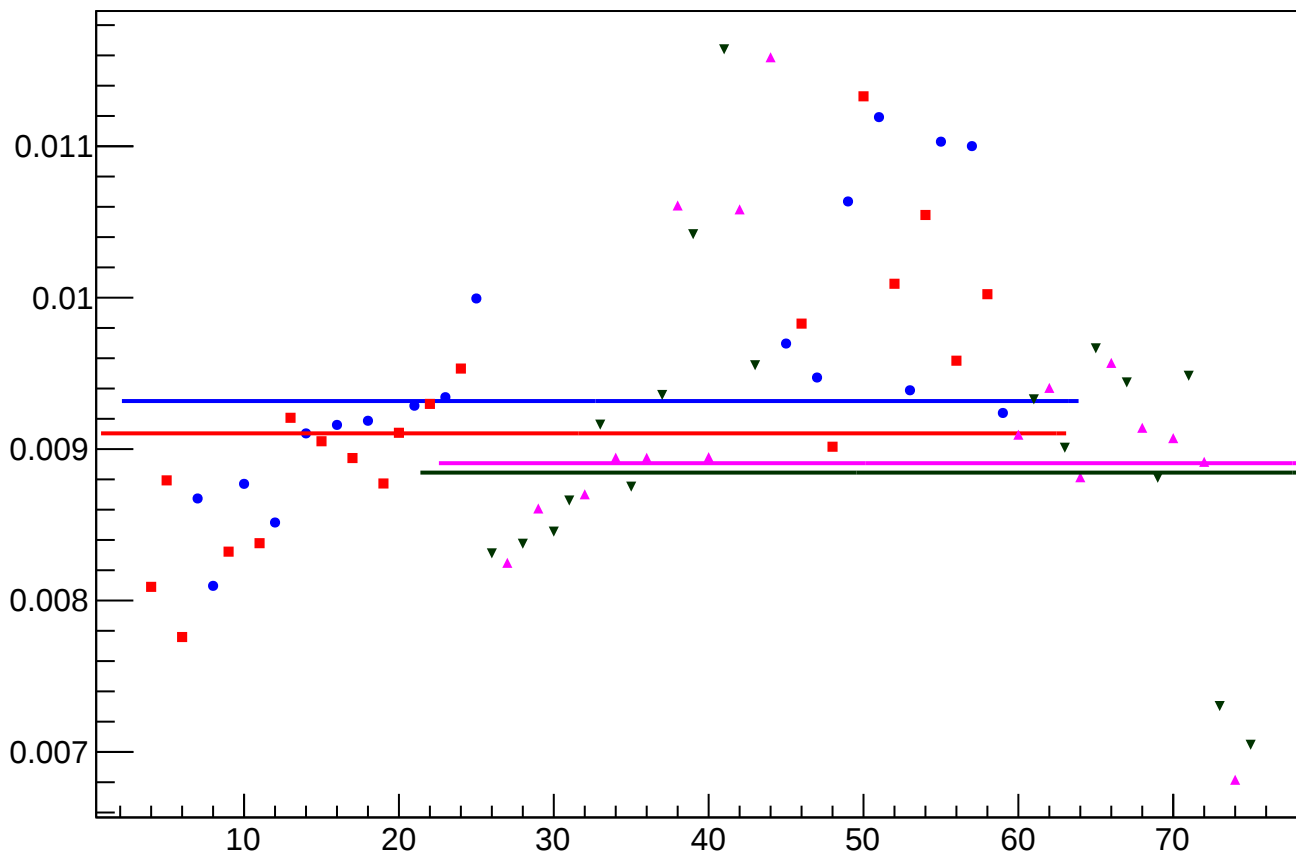
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.538+/-0.000 χ^2/NDF : 39355487490.6/16

-0.620+/-0.000 χ^2/NDF : 58710480269.2/35

-0.572+/-0.000 χ^2/NDF : 58849909551.9/35

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 165772.4/17

Left Out: 0.009+/-0.000 χ^2/NDF :238351.5/17

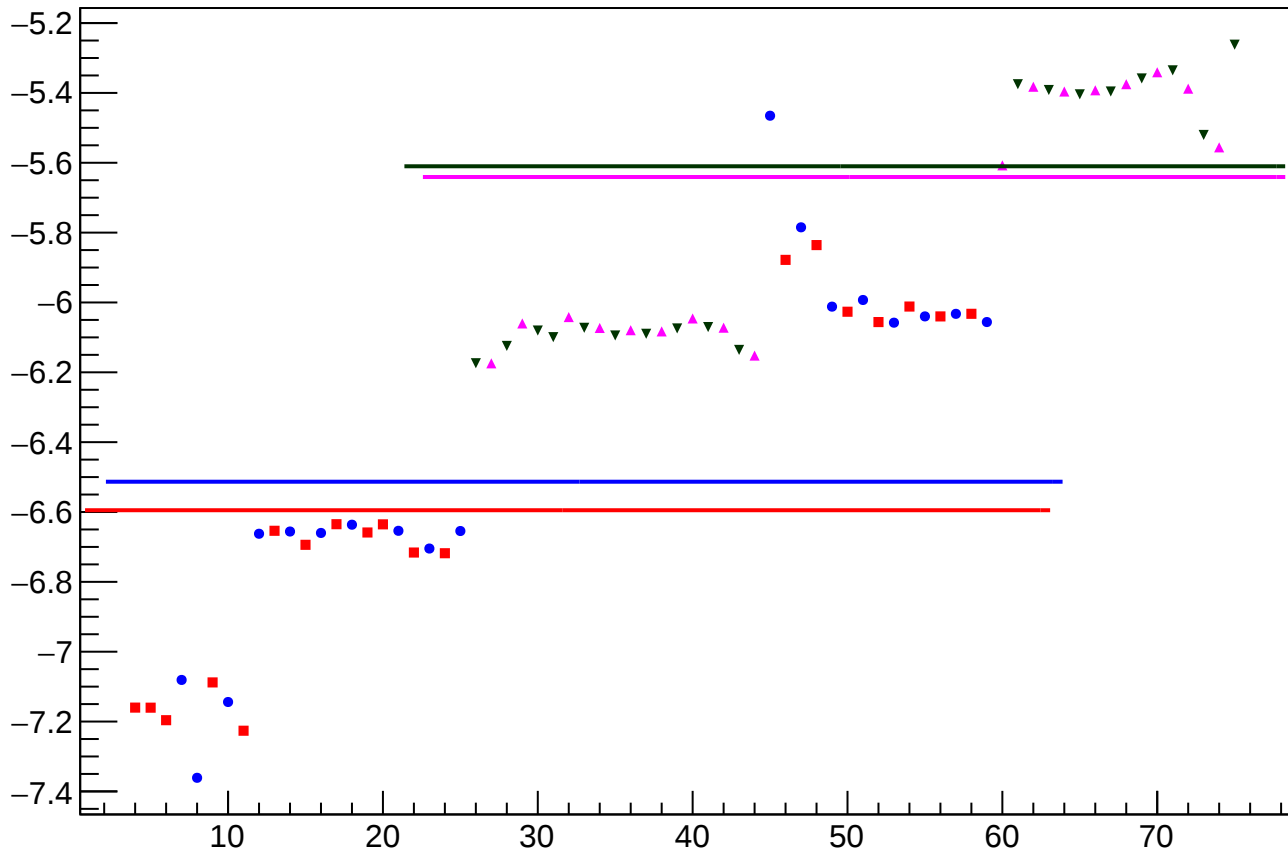
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :222168.2/16

0.009+/-0.000 χ^2/NDF : 431014.9/35

0.009+/-0.000 χ^2/NDF : 385826.2/35

yield_bpm0l01Y_mean vs slug



Right In: -6.513+/-0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.610+/-0.000 χ^2/NDF : 19796889401.5/17

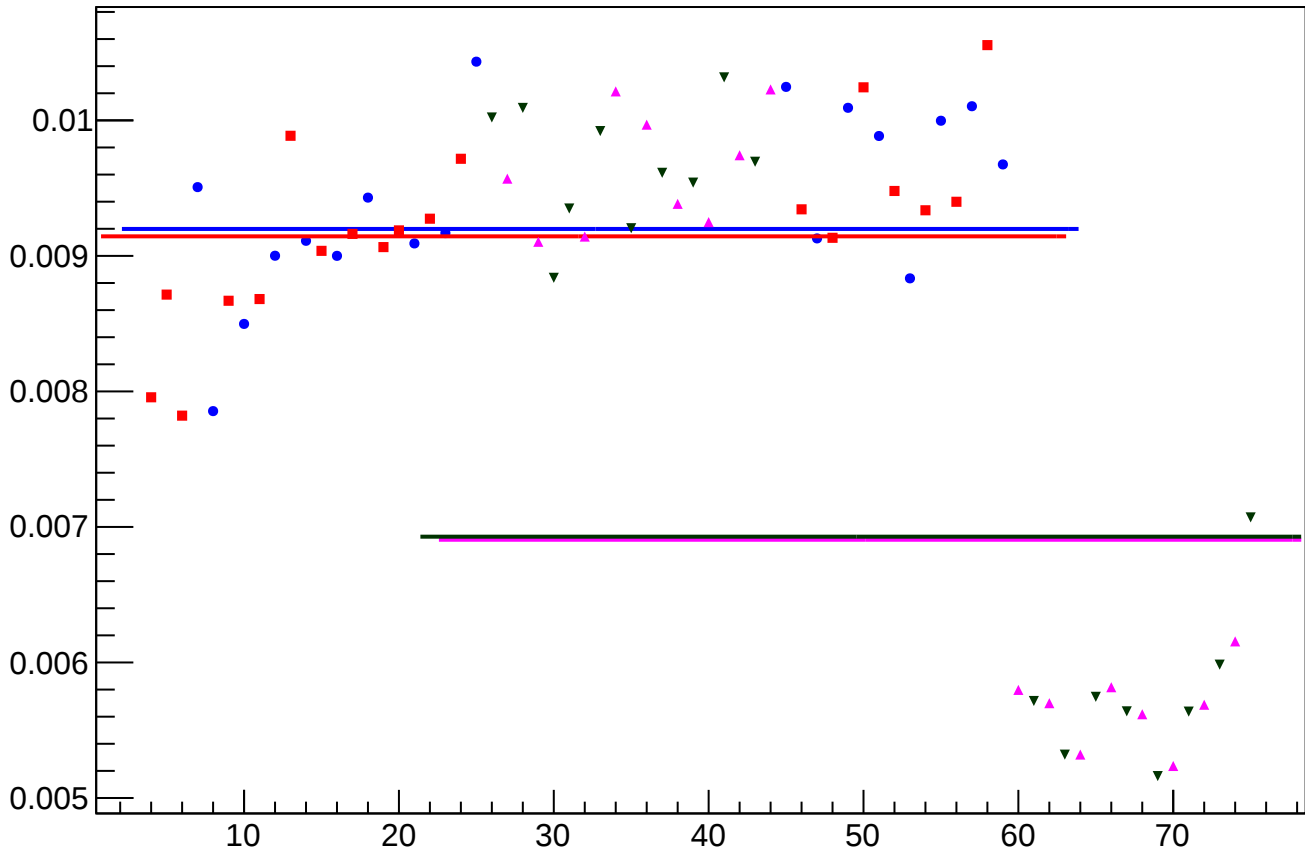
-5.992+/-0.000 χ^2/NDF : 114221658697.5/35

Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

-6.005+/-0.000 χ^2/NDF : 108703777879.8/35

Left In: -5.641+/-0.000 χ^2/NDF : 18843681035.7/16

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.007+/-0.000 χ^2/NDF :1251561.3/17

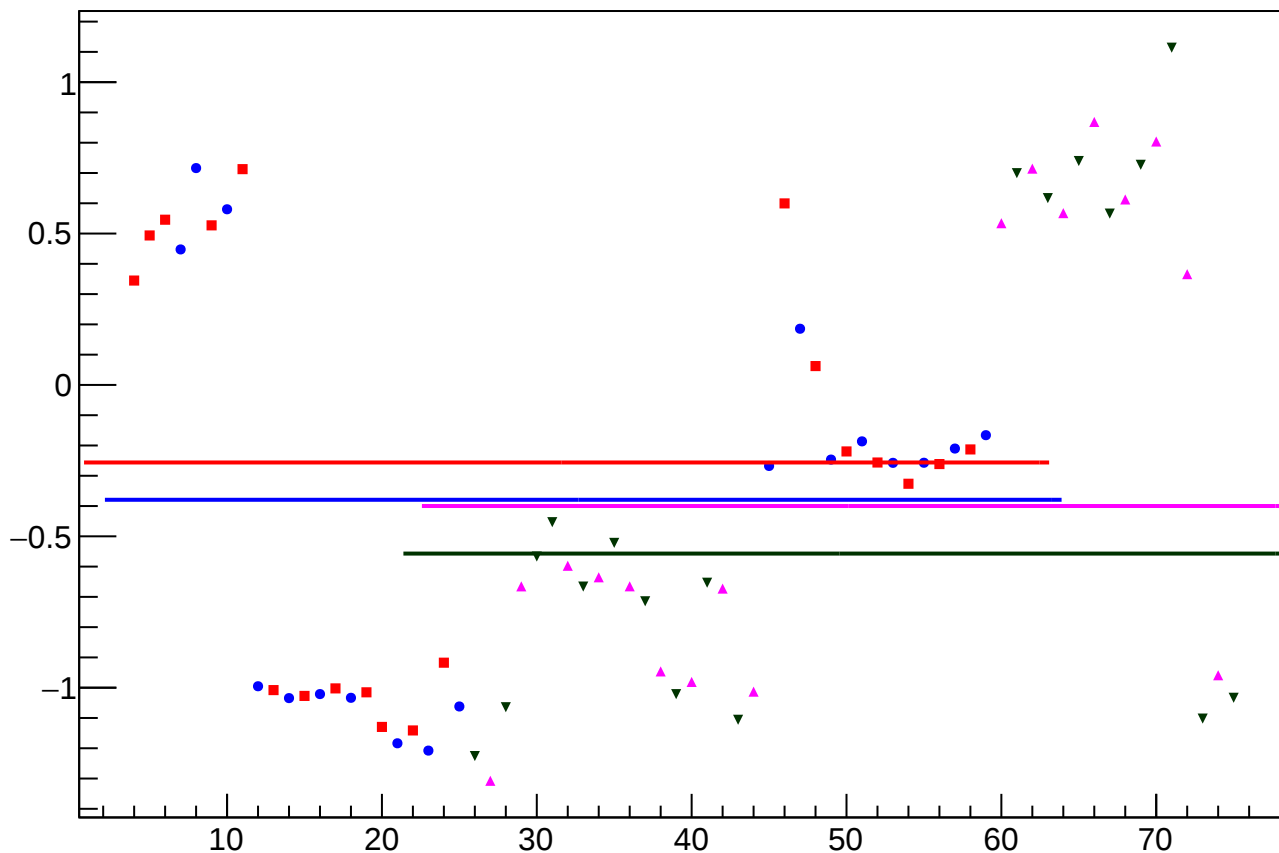
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.007+/-0.000 χ^2/NDF :1265450.8/16

0.008+/-0.000 χ^2/NDF : 2134588.5/35

0.008+/-0.000 χ^2/NDF : 2072255.4/35

yield_bpm0l02X_mean vs slug



Right In: -0.379 ± 0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.557 ± 0.000 χ^2/NDF : 22875670757.9/17

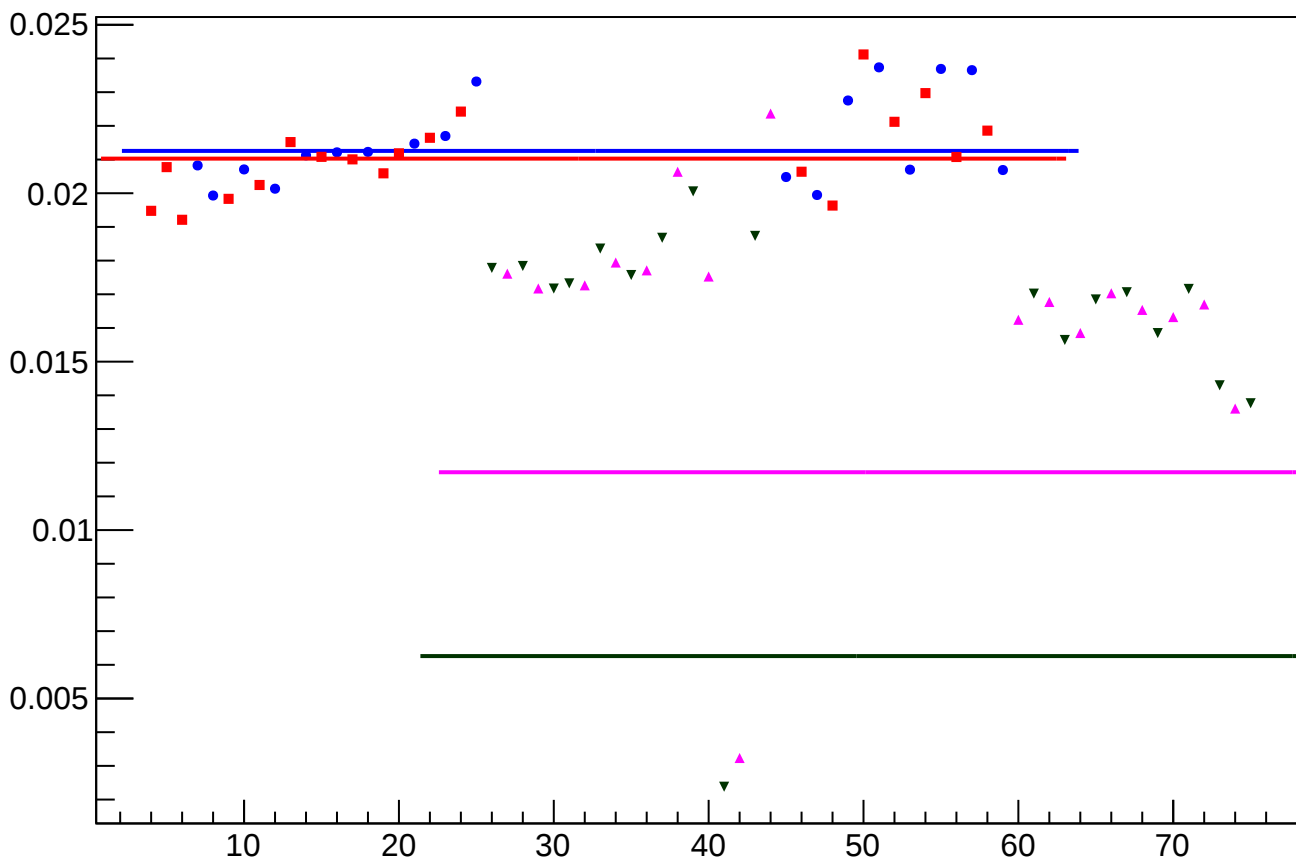
Right Out: -0.256 ± 0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.400 ± 0.000 χ^2/NDF : 20576112198.9/16

-0.525 ± 0.000 χ^2/NDF : 33645234241.4/35

-0.356 ± 0.000 χ^2/NDF : 30996255284.3/35

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 64142.6/17

Left Out: 0.006+/-0.000 χ^2/NDF : 9393055.9/17

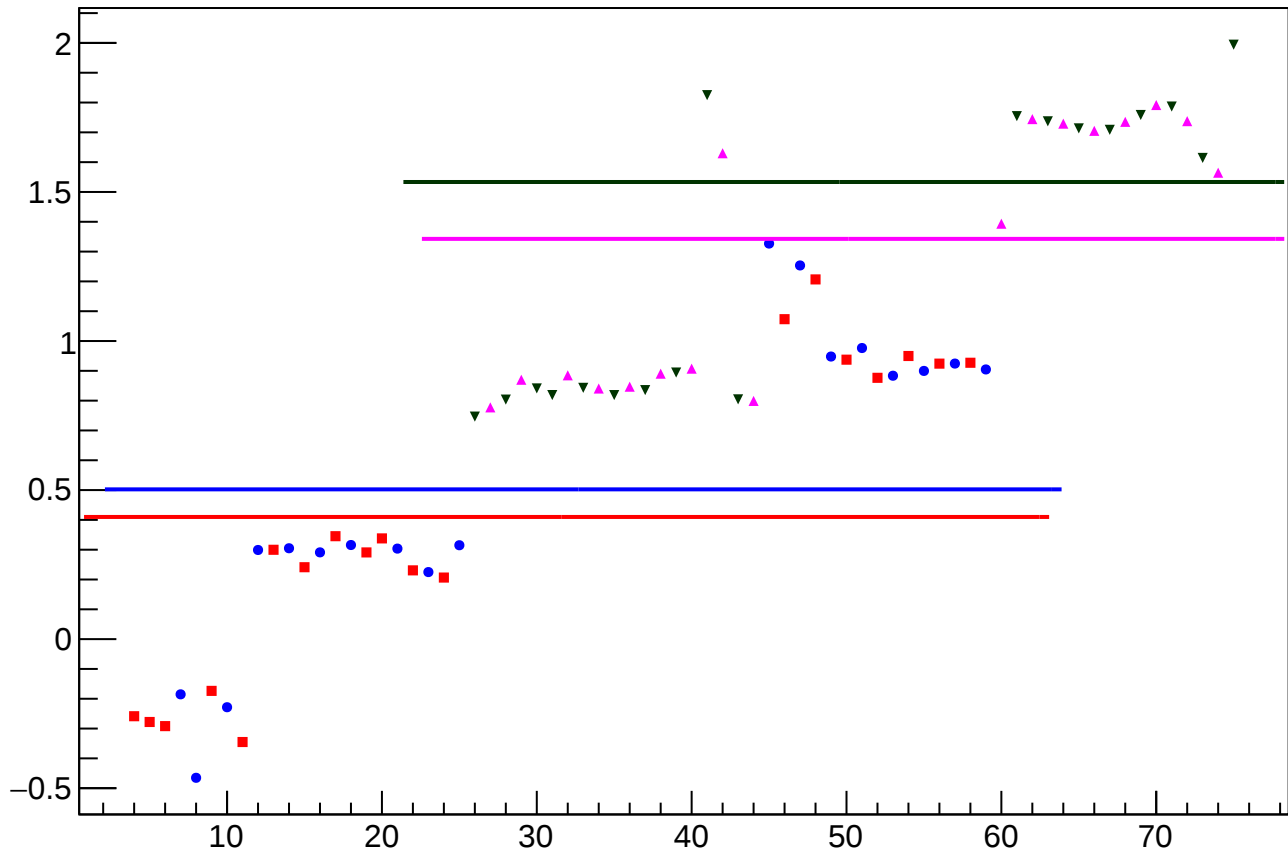
0.009+/-0.000 χ^2/NDF : 18475026.7/35

Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

0.015+/-0.000 χ^2/NDF : 7399051.6/35

Left In: 0.012+/-0.000 χ^2/NDF : 4679598.3/16

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.533 $\pm$ 0.000 χ^2 /NDF: 23253506961.4/17

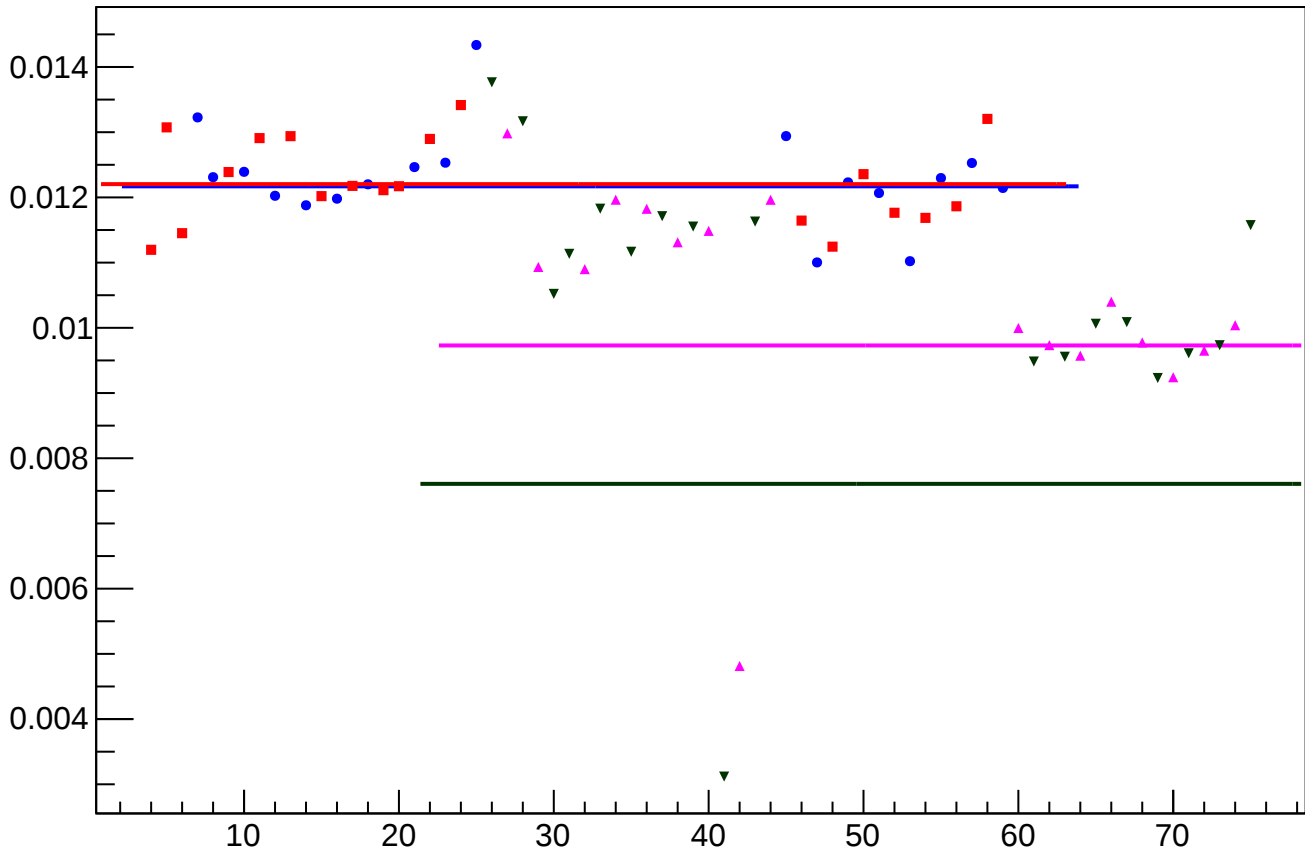
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.343 $\pm$ 0.000 χ^2 /NDF: 15453592840.7/16

1.151 $\pm$ 0.000 χ^2 /NDF: 91856865284.4/35

0.962 $\pm$ 0.000 χ^2 /NDF: 65155848663.5/35

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 45604.3/17

Left Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 3679348.4/17

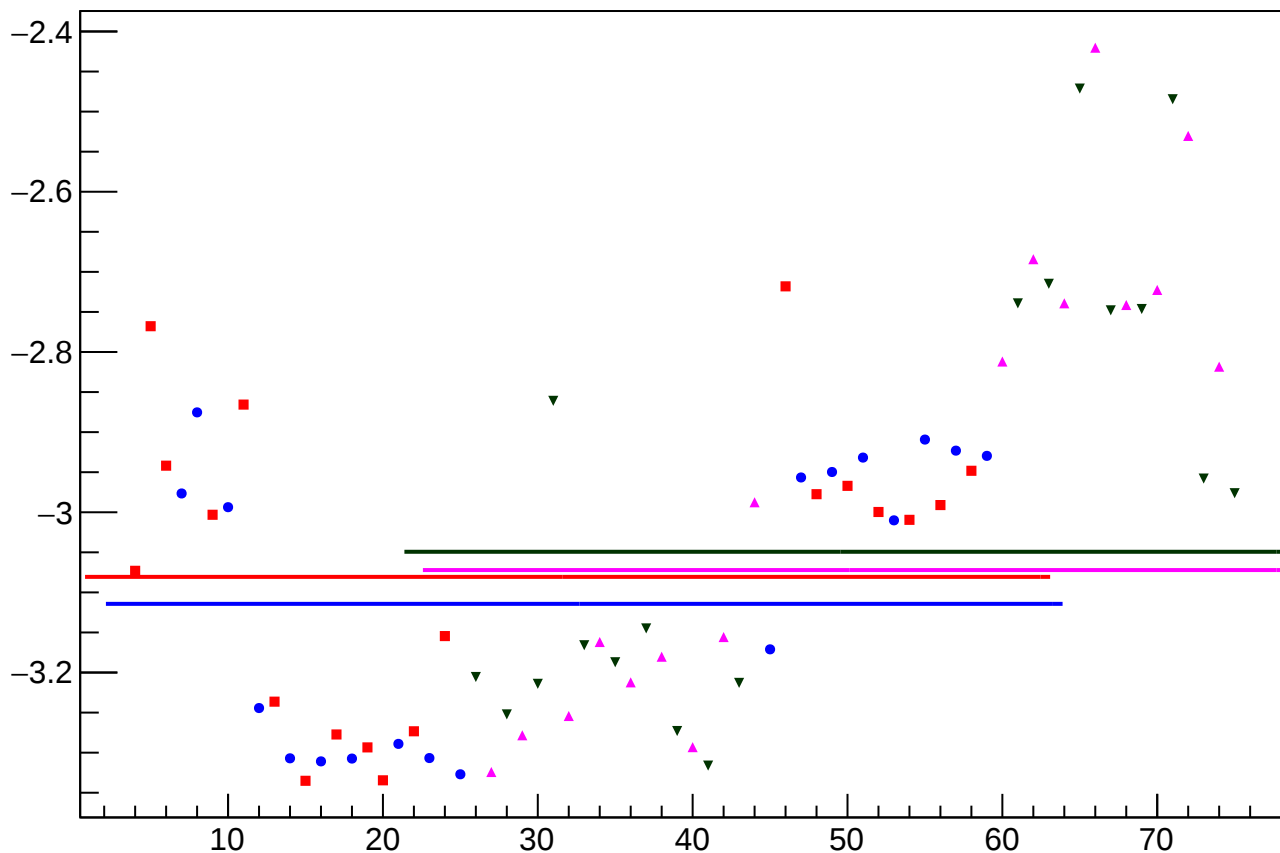
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 988602.0/16

0.009 $\pm$ 0.000 χ^2 /NDF: 5661537.4/35

0.011 $\pm$ 0.000 χ^2 /NDF: 1509725.1/35

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.049+/-0.000 χ^2/NDF : 10275955625.4/17

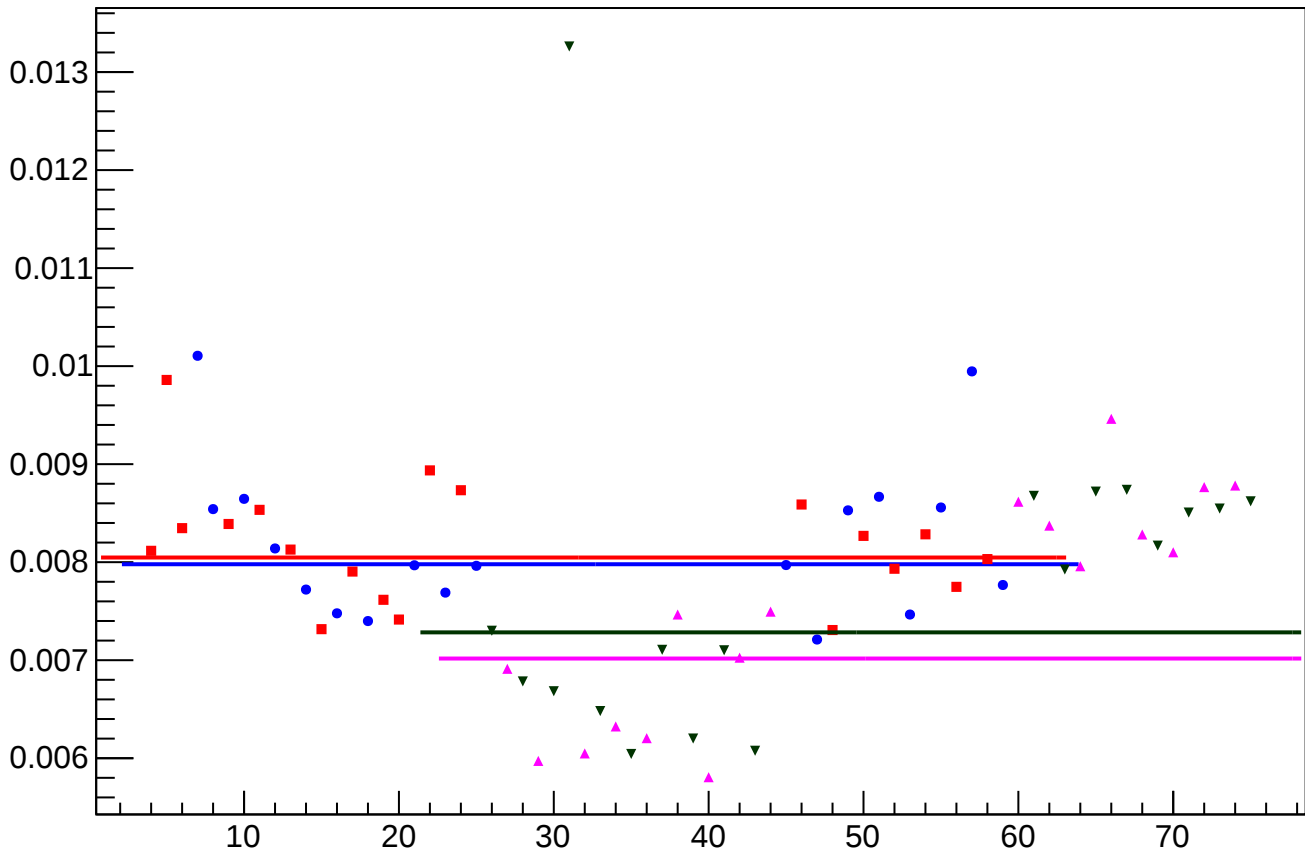
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.072+/-0.000 χ^2/NDF : 11646102257.7/16

-3.082+/-0.000 χ^2/NDF : 15222219834.4/35

-3.076+/-0.000 χ^2/NDF : 15490708299.2/35

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 95241.7/17

Left Out: 0.007+/-0.000 χ^2/NDF : 400772.2/17

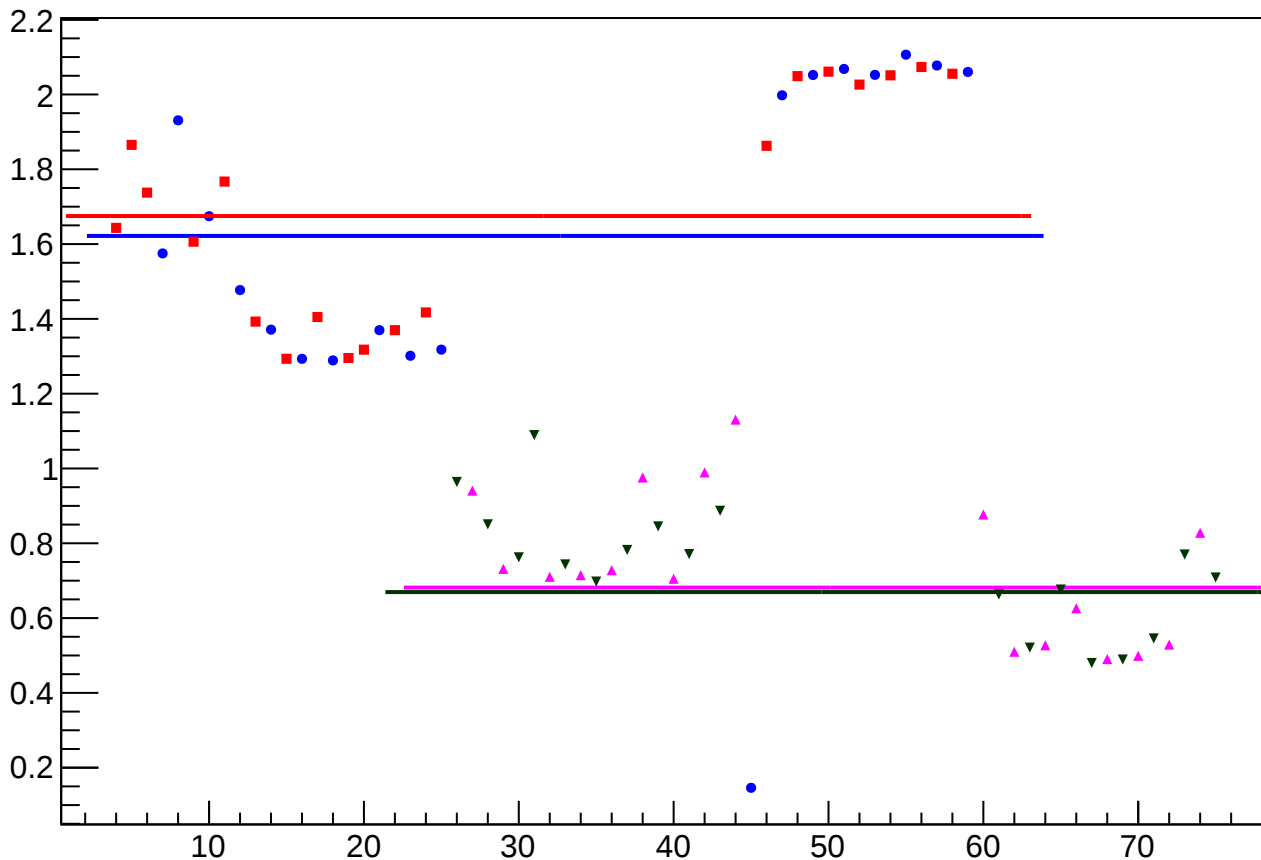
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 394187.3/16

0.008+/-0.000 χ^2/NDF : 568881.1/35

0.007+/-0.000 χ^2/NDF : 607278.1/35

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.670 $\pm$ 0.000 χ^2 /NDF:3050853312.0/17

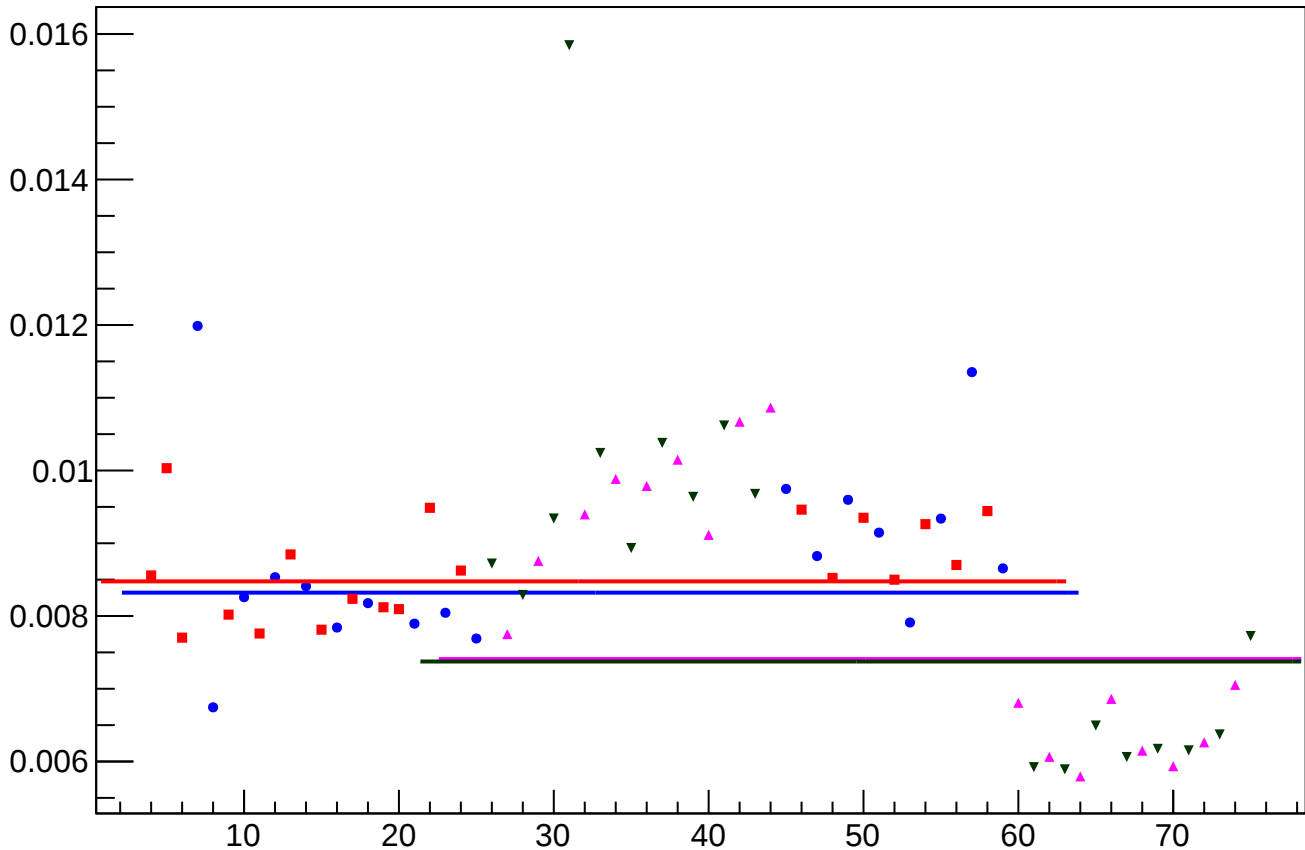
1.135 $\pm$ 0.000 χ^2 /NDF: 91702274868.3/35

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.115 $\pm$ 0.000 χ^2 /NDF: 77835714615.8/35

Left In: 0.682 $\pm$ 0.000 χ^2 /NDF:4680108180.8/16

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 231289.2/17

Left Out: 0.007+/-0.000 χ^2/NDF : 867634.5/17

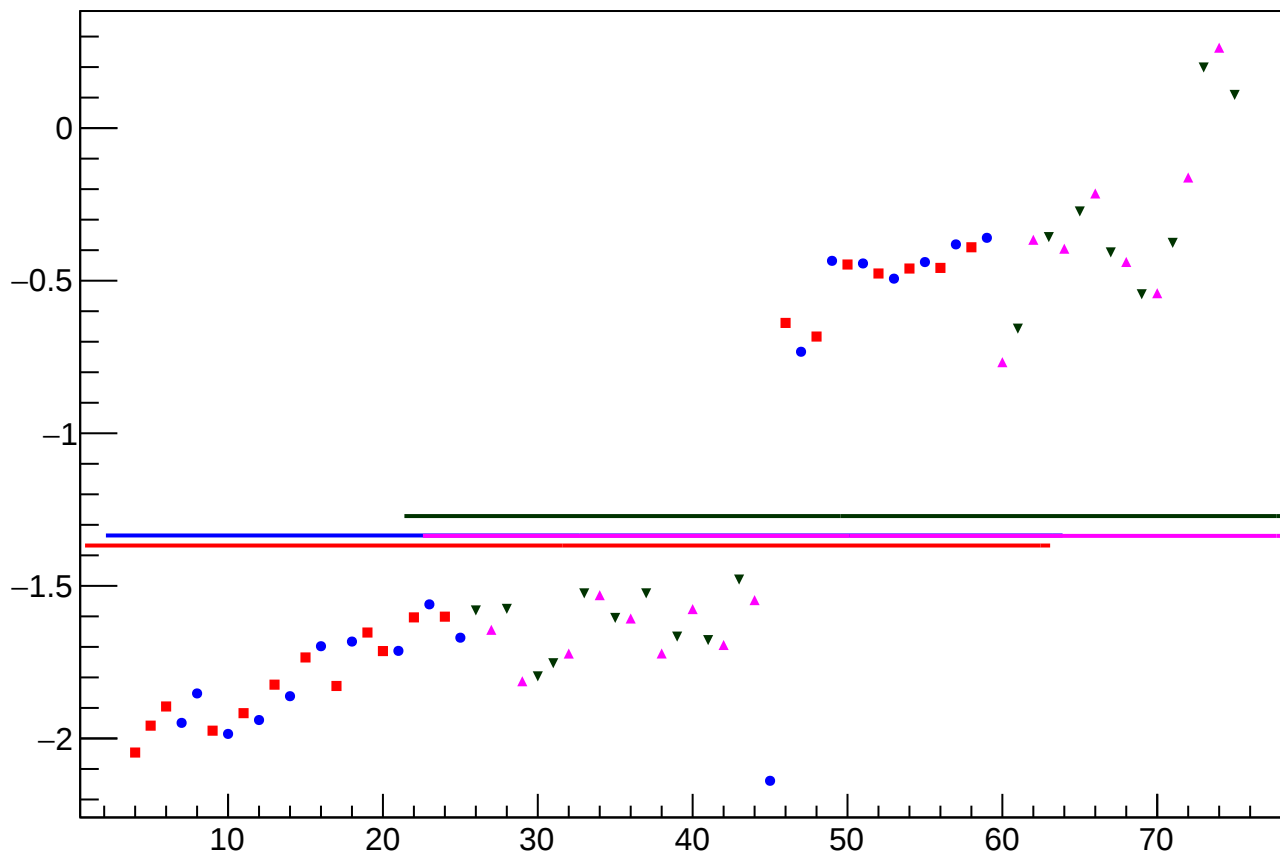
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 734465.6/16

0.008+/-0.000 χ^2/NDF : 1222702.3/35

0.008+/-0.000 χ^2/NDF : 960907.3/35

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.271+/-0.000 χ^2/NDF :17847260212.1/17

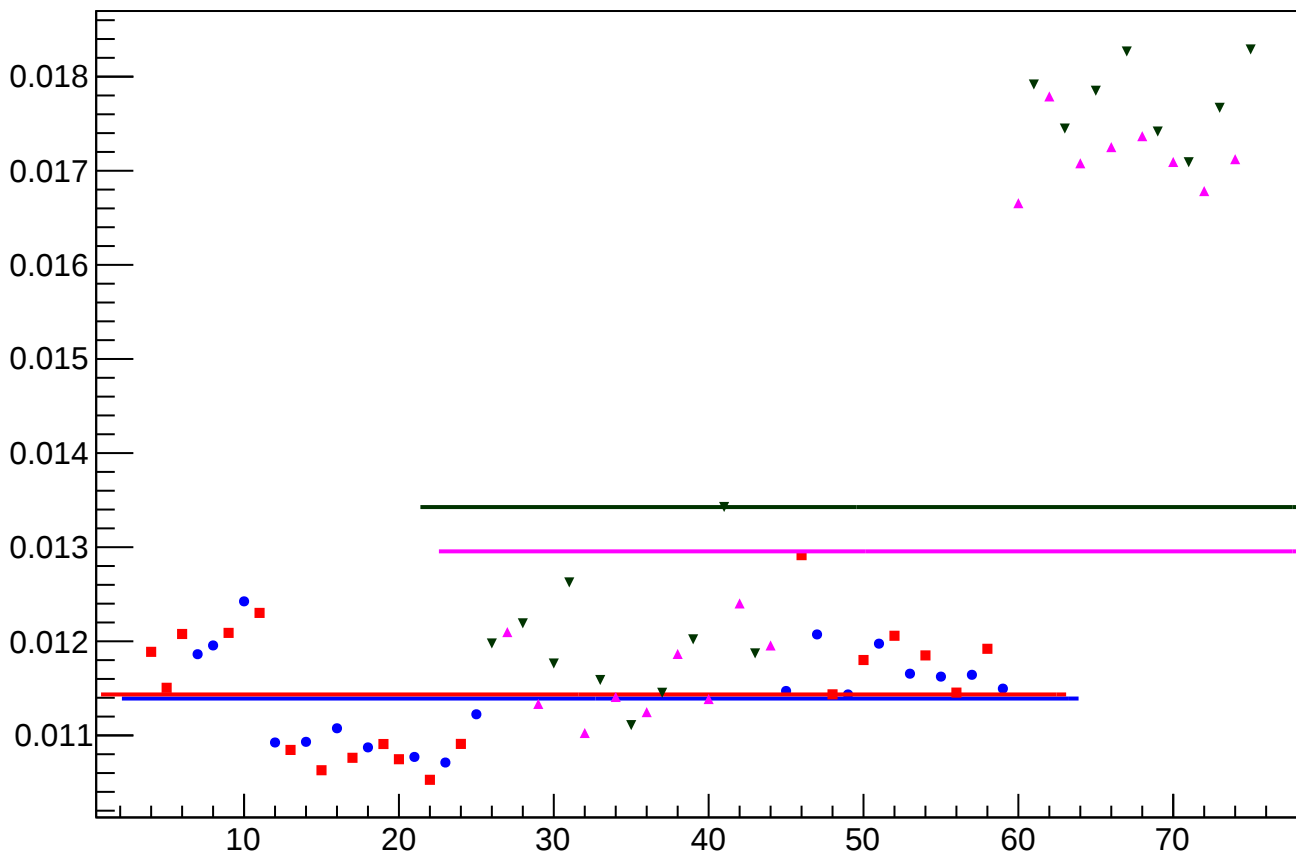
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.336+/-0.000 χ^2/NDF :19755762176.3/16

-1.312+/-0.000 χ^2/NDF : 56371046318.8/35

-1.354+/-0.000 χ^2/NDF : 48845066034.9/35

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 41989.4/17

Left Out: 0.013+/-0.000 χ^2/NDF : 656412.5/17

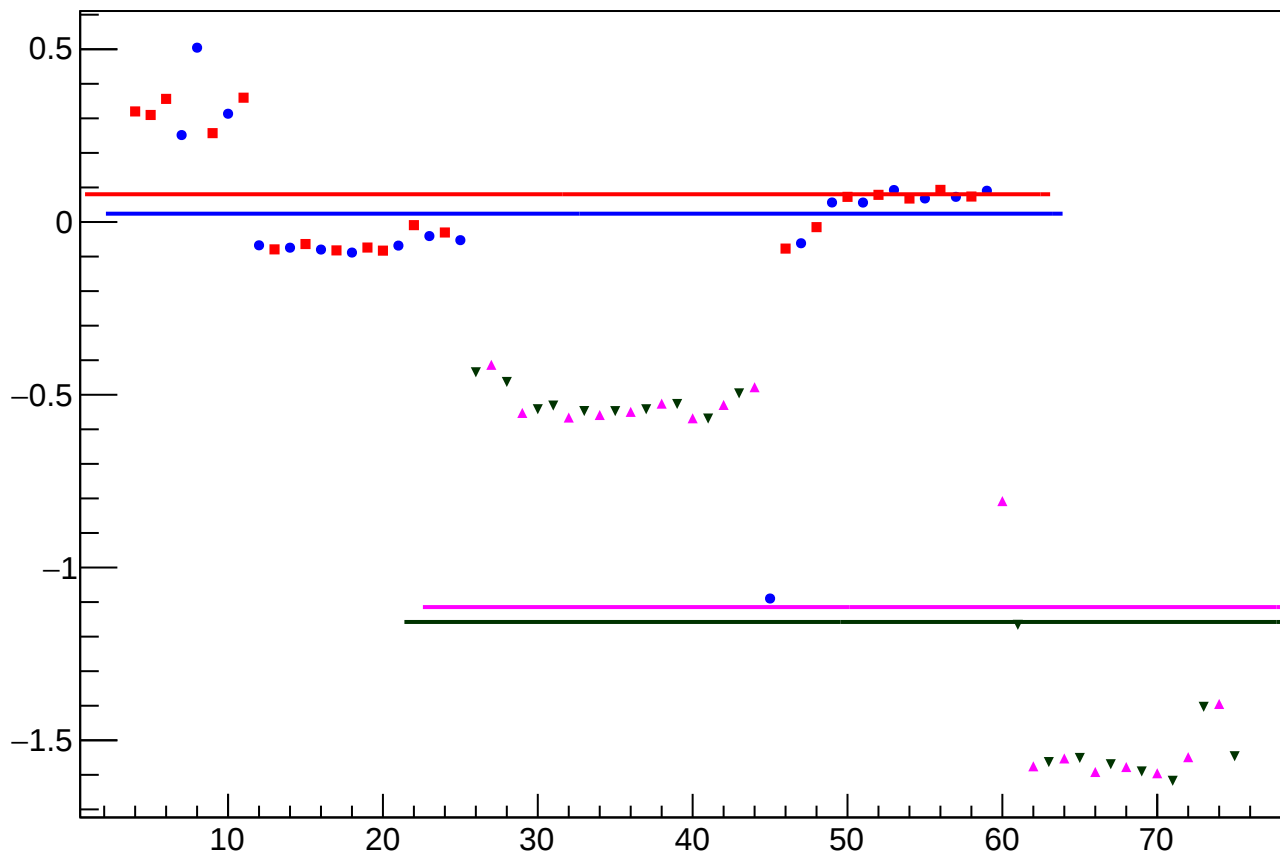
Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

Left In: 0.013+/-0.000 χ^2/NDF : 656594.9/16

0.012+/-0.000 χ^2/NDF : 957349.4/35

0.012+/-0.000 χ^2/NDF : 869411.8/35

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -1.158+/-0.000 χ^2/NDF : 52685962180.1/17

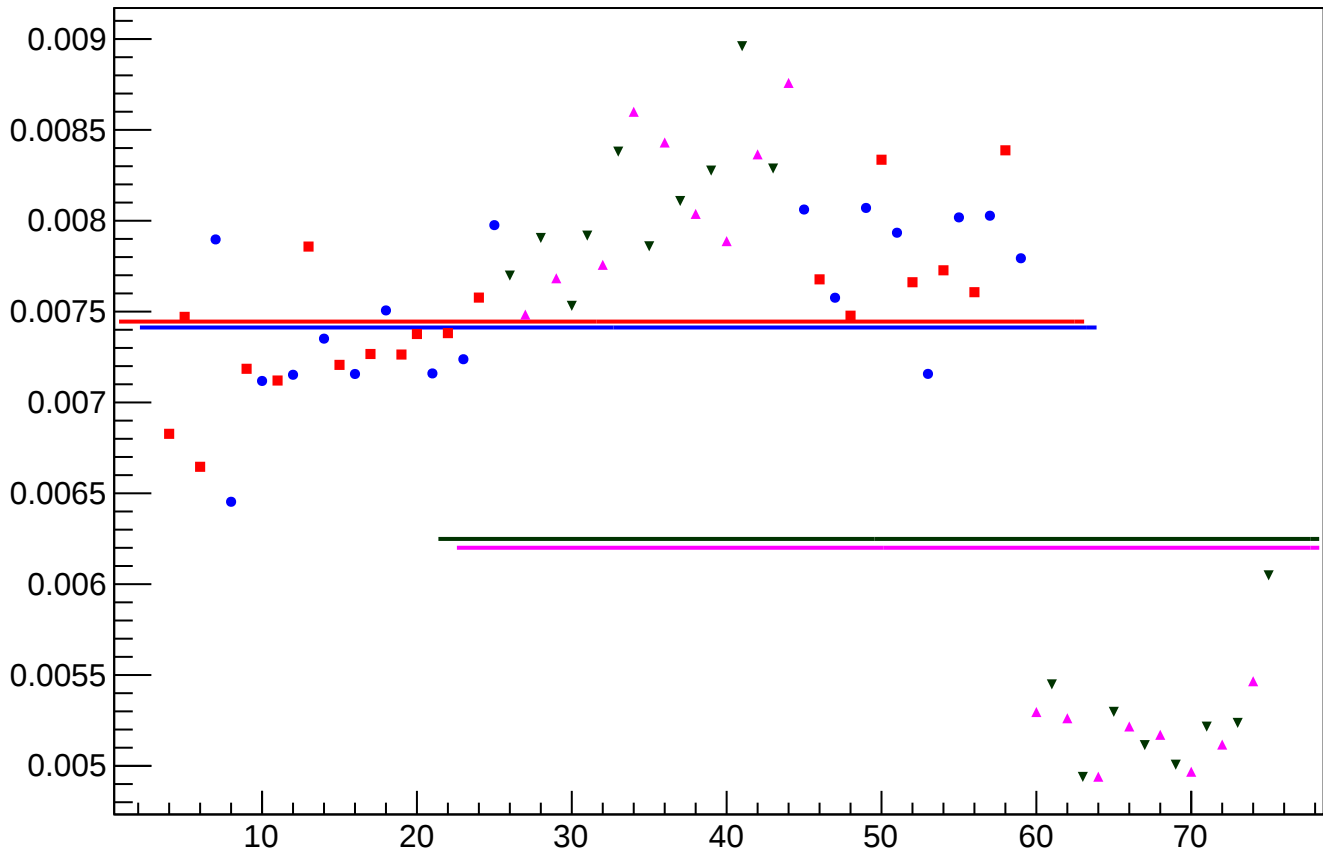
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -1.114+/-0.000 χ^2/NDF : 57585851739.5/16

-0.598+/-0.000 χ^2/NDF : 216766715445.4/35

-0.609+/-0.000 χ^2/NDF : 204239334299.3/35

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 91120.7/17

Left Out: 0.006+/-0.000 χ^2/NDF : 857763.9/17

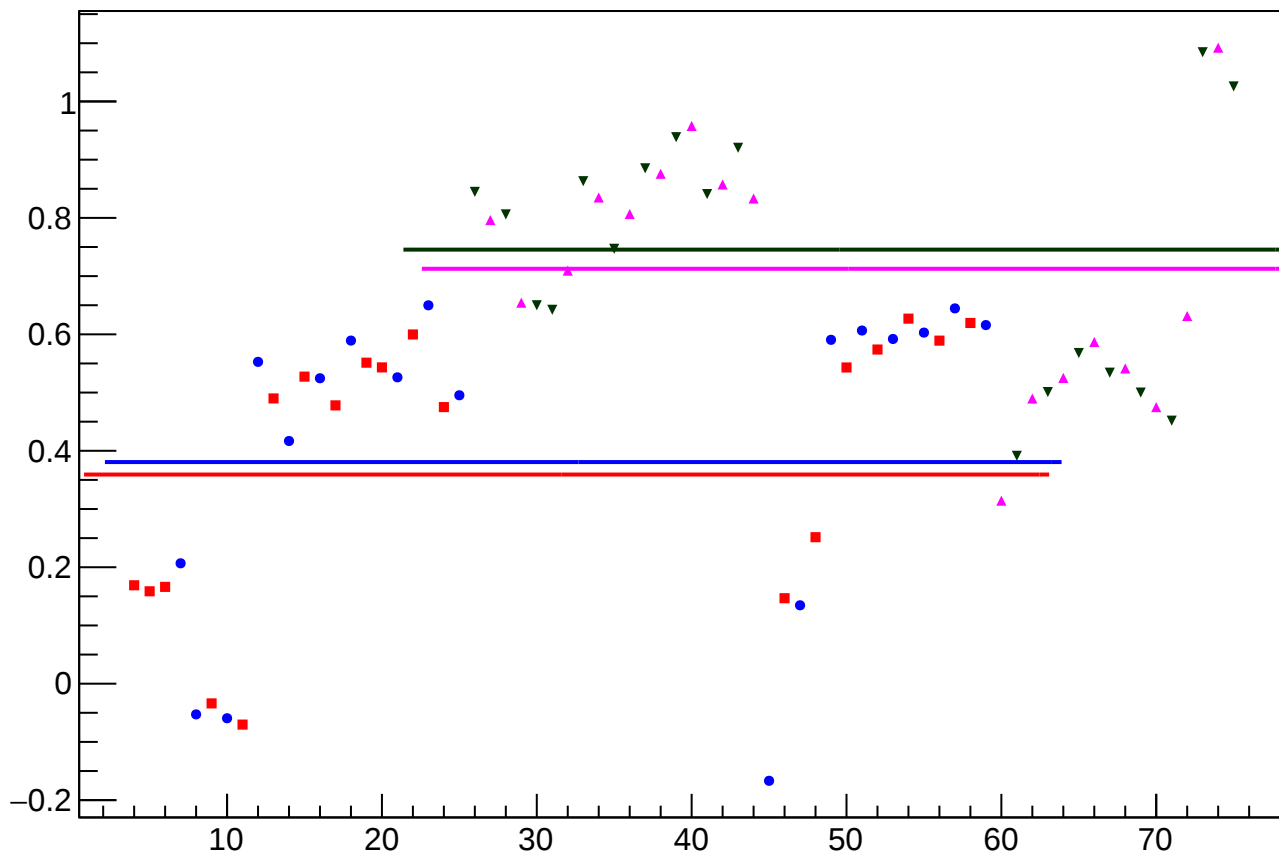
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.006+/-0.000 χ^2/NDF : 902490.7/16

0.007+/-0.000 χ^2/NDF : 1231727.8/35

0.007+/-0.000 χ^2/NDF : 1272010.4/35

yield_bpm0l05X_mean vs slug



Right In: 0.381 $\pm$ 0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.746 $\pm$ 0.000 χ^2/NDF : 6840311165.9/17

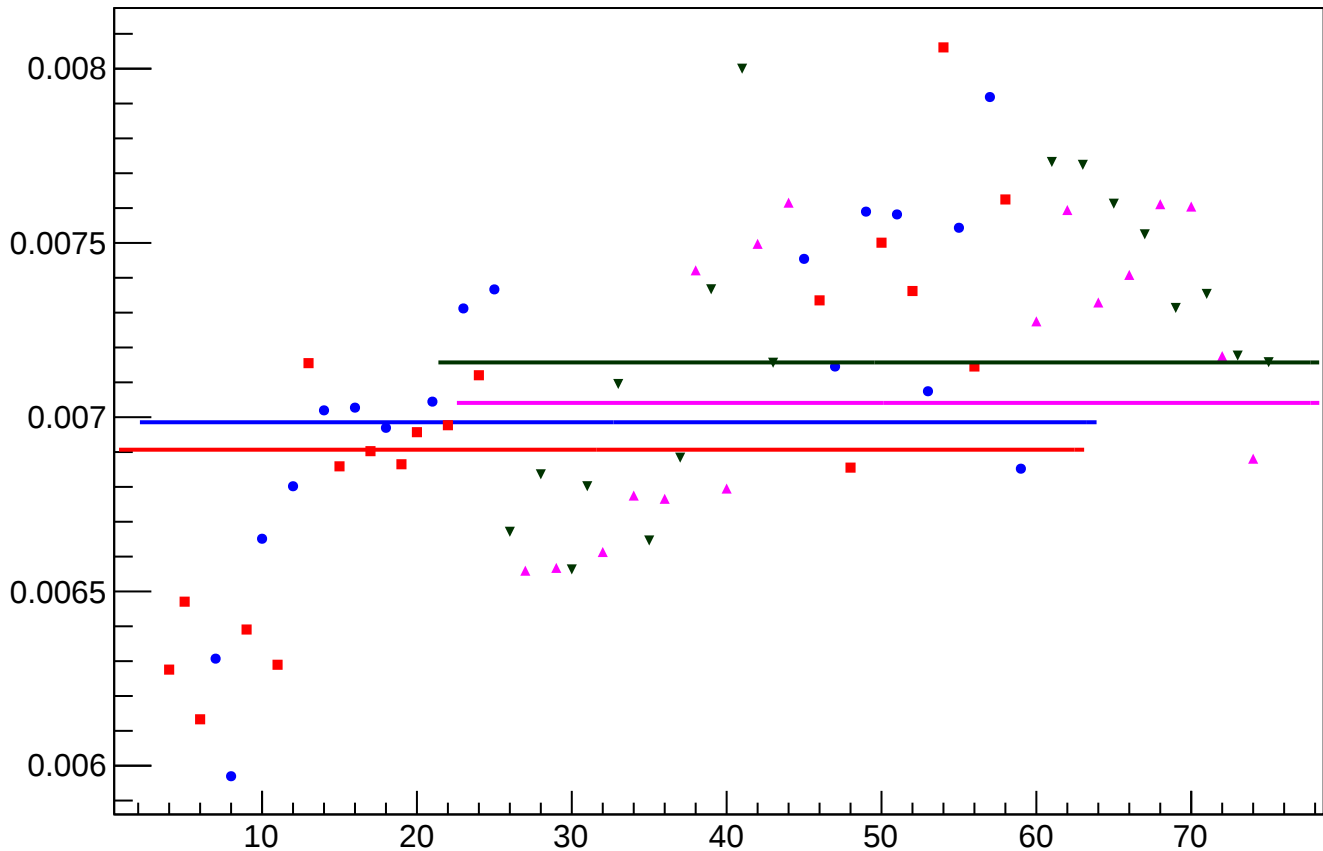
0.542 $\pm$ 0.000 χ^2/NDF : 37862661391.4/35

Right Out: 0.359 $\pm$ 0.000 χ^2/NDF : 11904326957.3/18

0.531 $\pm$ 0.000 χ^2/NDF : 30658285232.7/35

Left In: 0.713 $\pm$ 0.000 χ^2/NDF : 6440543945.2/16

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 107156.0/17

Left Out: 0.007+/-0.000 χ^2/NDF : 57498.3/17

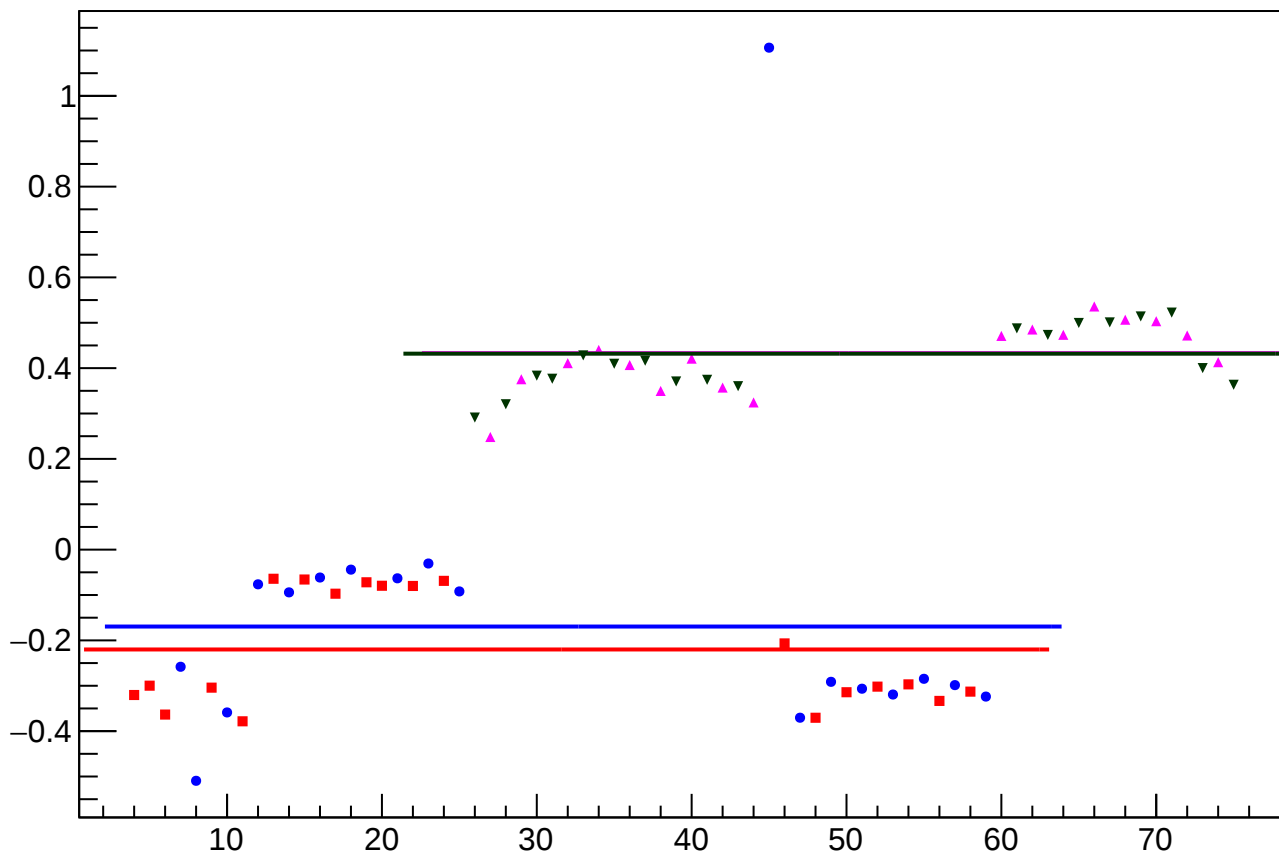
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 64189.8/16

0.007+/-0.000 χ^2/NDF : 170522.6/35

0.007+/-0.000 χ^2/NDF : 165302.8/35

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.432+/-0.000 χ^2/NDF :1780306596.2/17

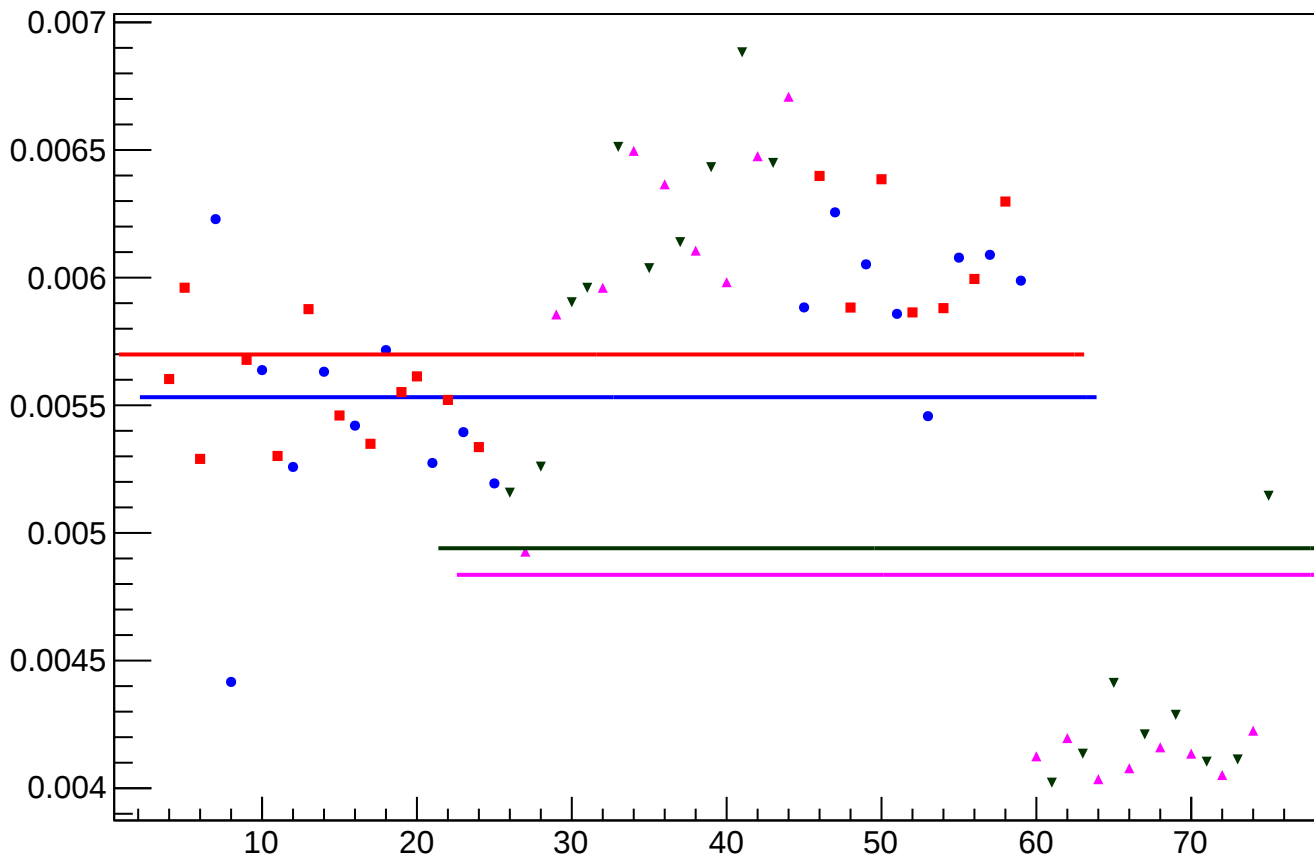
Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

Left In: 0.433+/-0.000 χ^2/NDF :2400318010.6/16

0.132+/-0.000 χ^2/NDF : 102907755041.9/35

0.152+/-0.000 χ^2/NDF : 78291110682.8/35

yield_bpm0l05Y_rms vs slug



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 186989.4/17

Left Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 624995.4/17

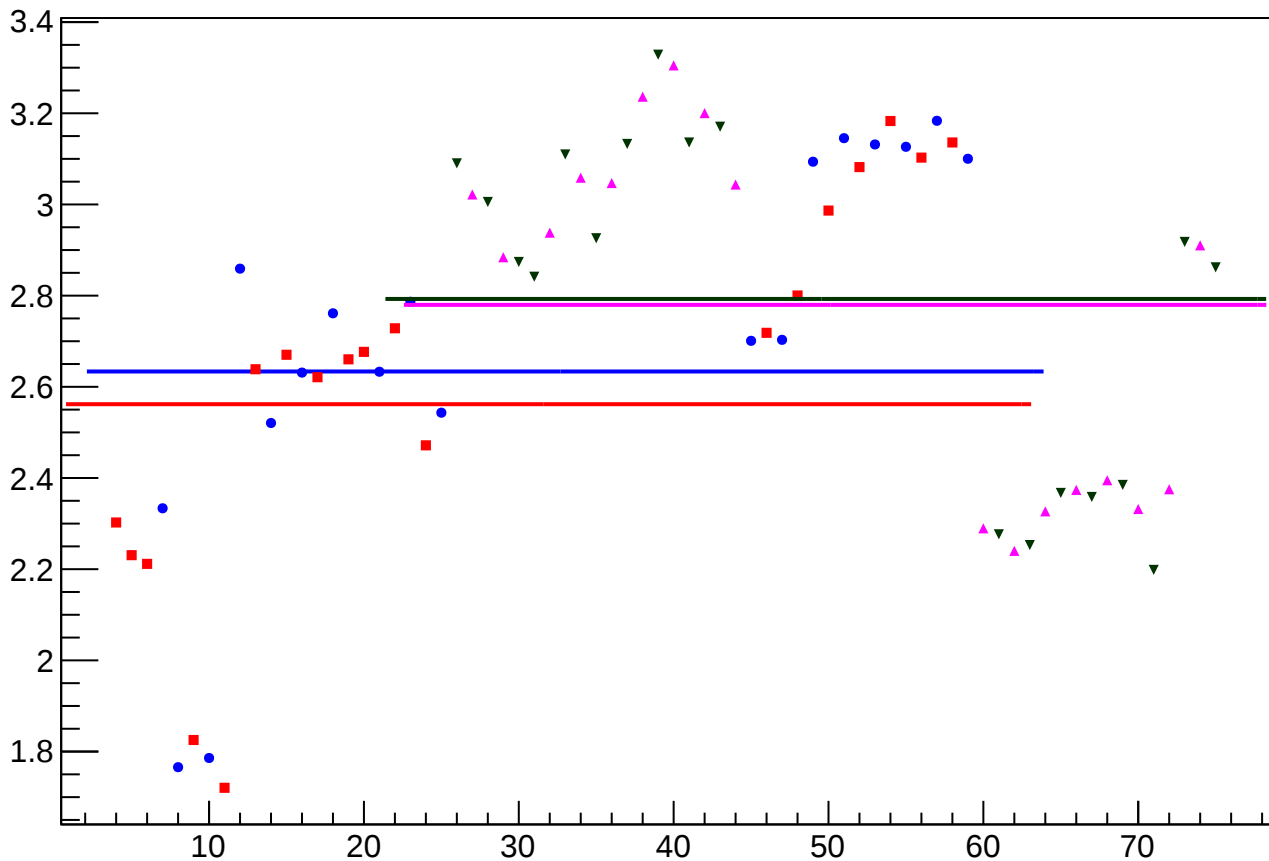
Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 66415.4/18

Left In: 0.005 $\pm$ 0.000 χ^2 /NDF: 691104.1/16

0.005 $\pm$ 0.000 χ^2 /NDF: 935846.5/35

0.005 $\pm$ 0.000 χ^2 /NDF: 1006187.9/35

yield_bpm0l06X_mean vs slug



Right In: 2.634 $\pm$ 0.000 χ^2 /NDF: 15879791998.3/17

Left Out: 2.793 $\pm$ 0.000 χ^2 /NDF:12874617873.9/17

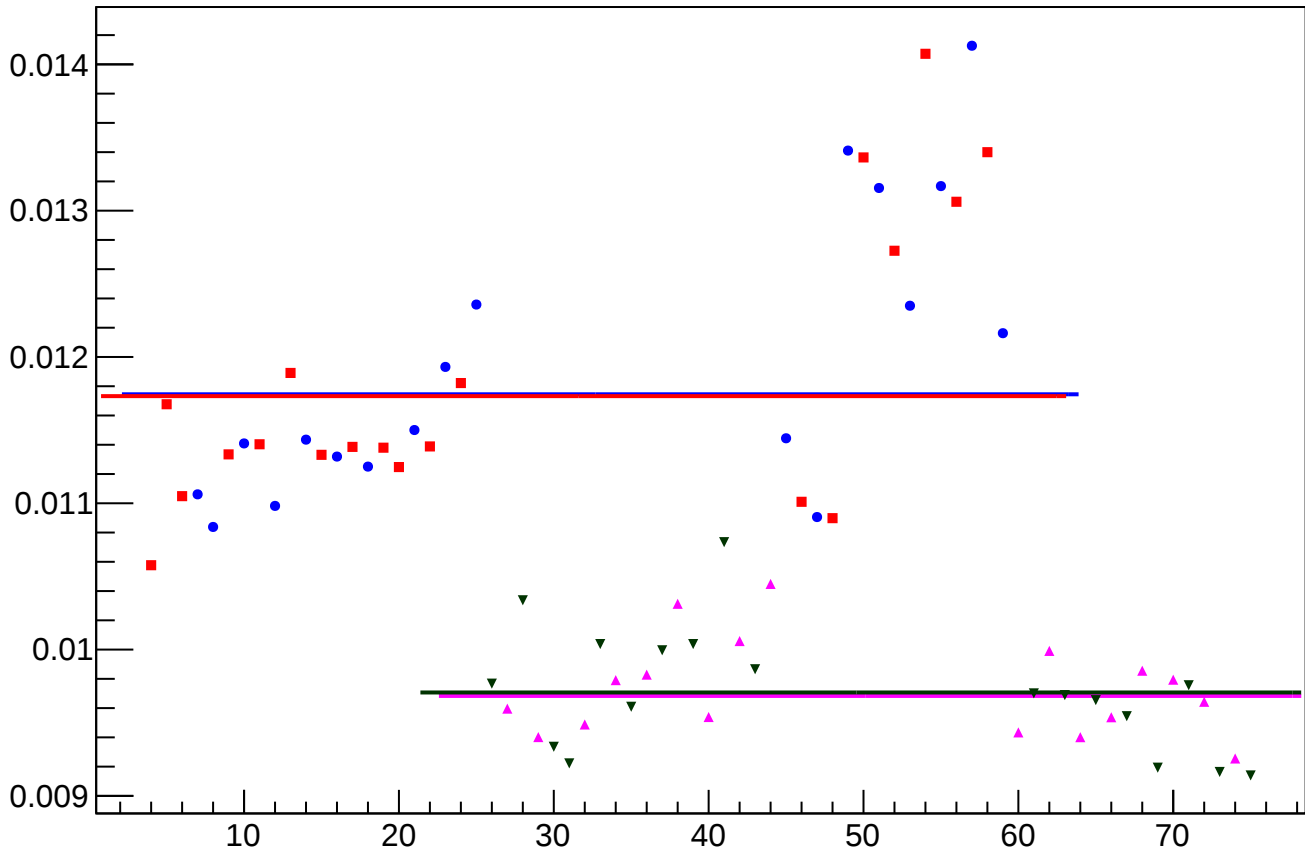
2.721 $\pm$ 0.000 χ^2 /NDF: 29861881951.2/35

Right Out: 2.562 $\pm$ 0.000 χ^2 /NDF: 12349960173.0/18

2.691 $\pm$ 0.000 χ^2 /NDF: 27237064683.2/35

Left In: 2.780 $\pm$ 0.000 χ^2 /NDF:12925321250.2/16

yield_bpm0l06X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 117347.2/17

Left Out: 0.010+/-0.000 χ^2/NDF : 33589.3/17

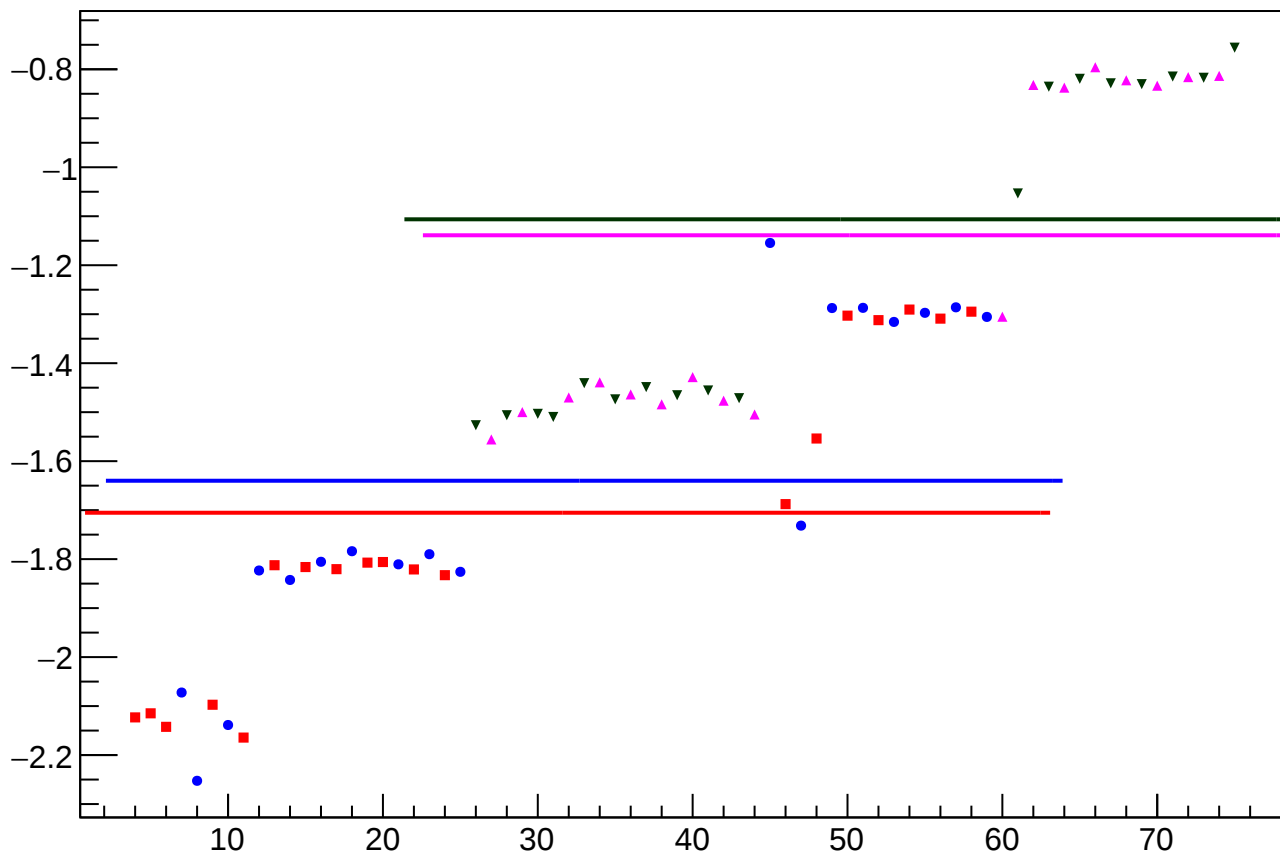
0.011+/-0.000 χ^2/NDF : 514349.6/35

Right Out: 0.012+/-0.000 χ^2/NDF : 107336.5/18

0.011+/-0.000 χ^2/NDF : 473446.7/35

Left In: 0.010+/-0.000 χ^2/NDF : 18949.8/16

yield_bpm0l06Y_mean vs slug



Right In: -1.640+/-0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.106+/-0.000 χ^2/NDF : 43812311937.3/17

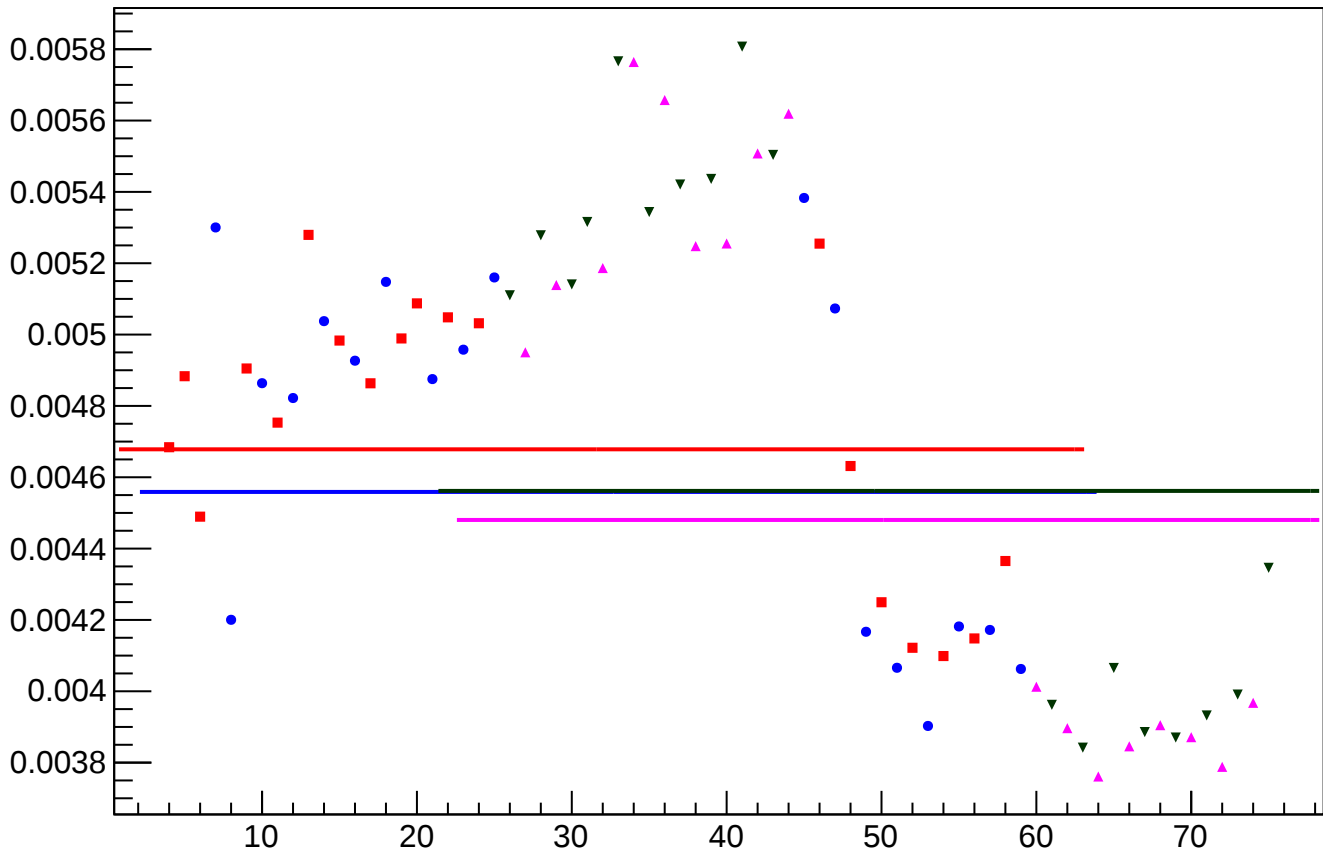
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.139+/-0.000 χ^2/NDF : 48517316536.5/16

-1.400+/-0.000 χ^2/NDF : 174484400910.3/35

-1.415+/-0.000 χ^2/NDF : 165969074166.6/35

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 228593.7/17

Left Out: 0.005+/-0.000 χ^2/NDF :446460.1/17

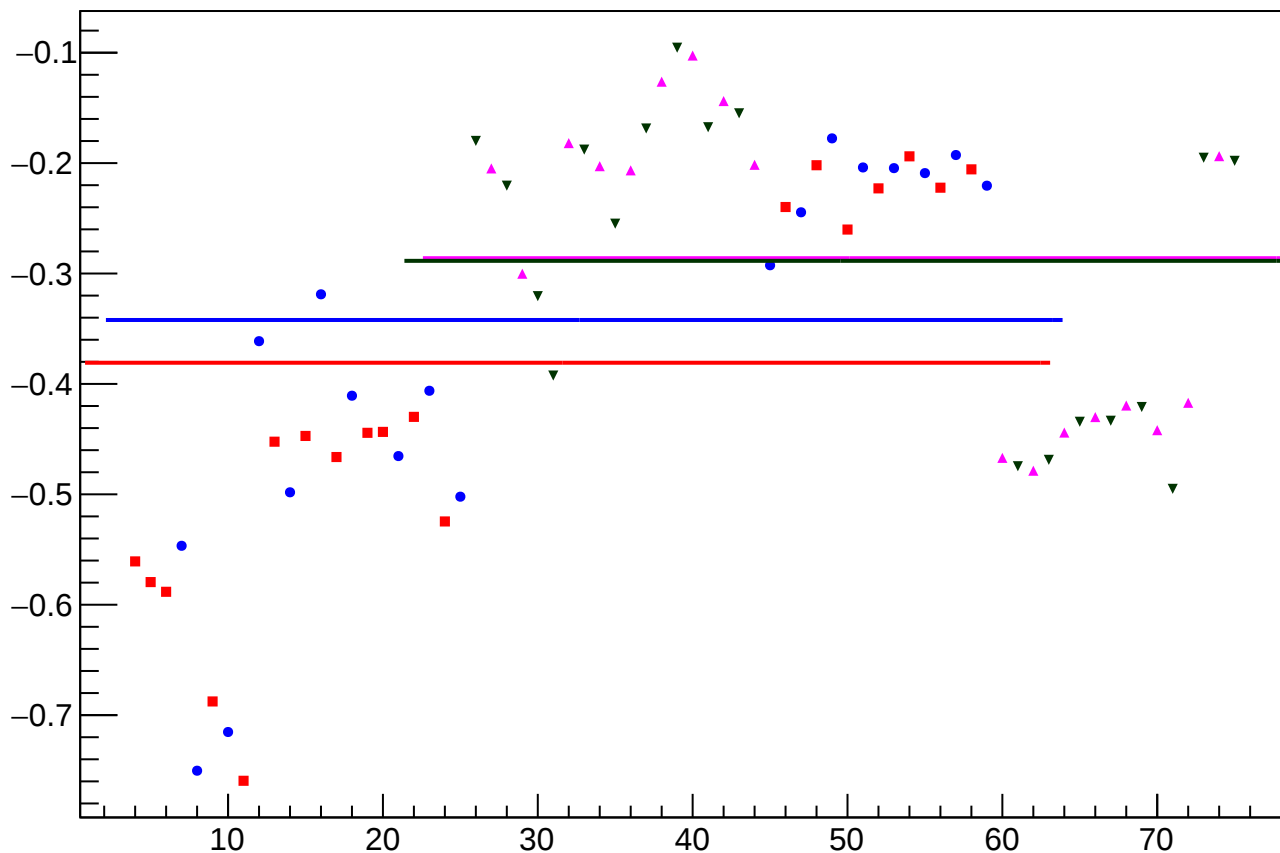
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.004+/-0.000 χ^2/NDF :480410.4/16

0.005+/-0.000 χ^2/NDF : 675057.6/35

0.005+/-0.000 χ^2/NDF : 634444.3/35

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.289+/-0.000 χ^2/NDF : 733601673.8/17

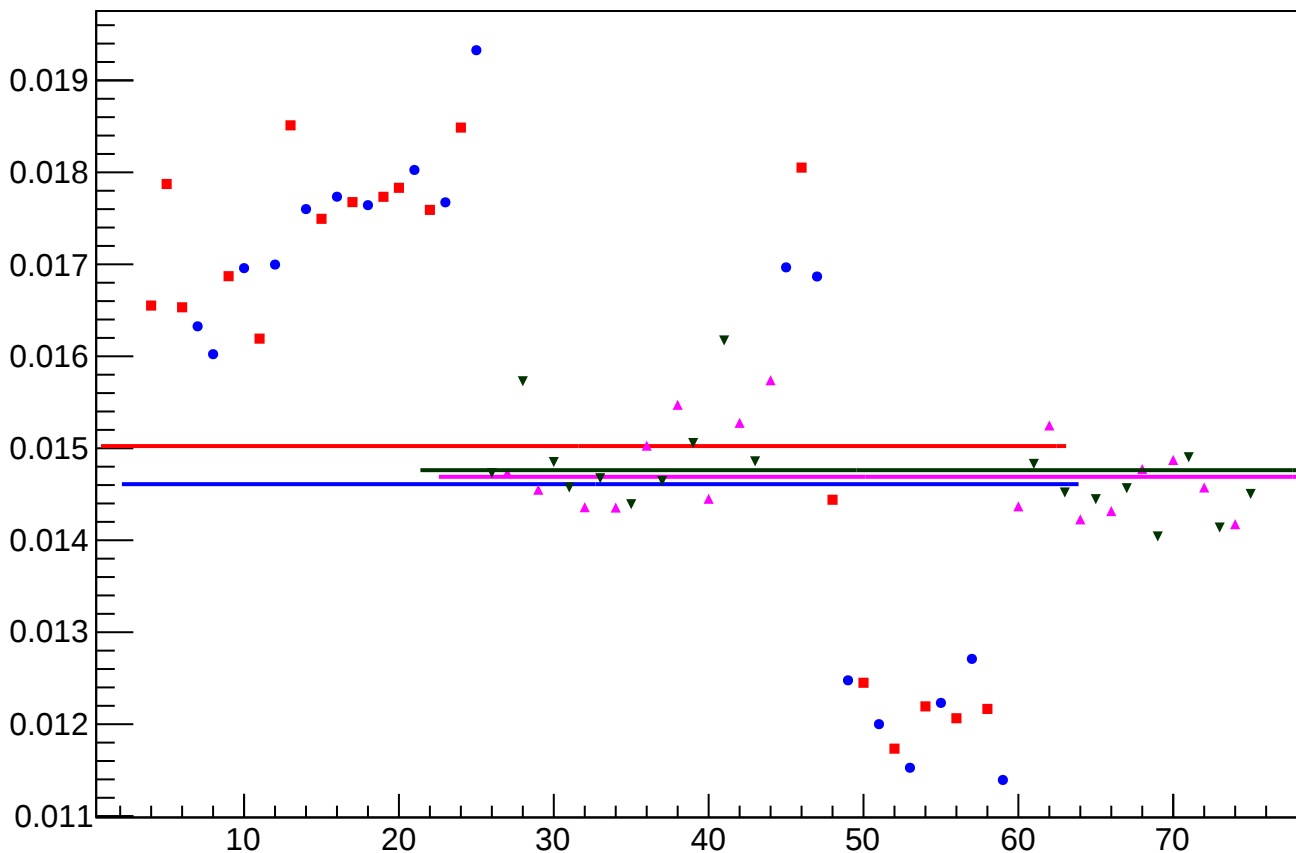
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.286+/-0.000 χ^2/NDF : 727596440.1/16

-0.317+/-0.000 χ^2/NDF : 2469451025.9/35

-0.332+/-0.000 χ^2/NDF : 2306868898.1/35

yield_bpm0l07X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 711926.7/17

Left Out: 0.015+/-0.000 χ^2/NDF : 21503.9/17

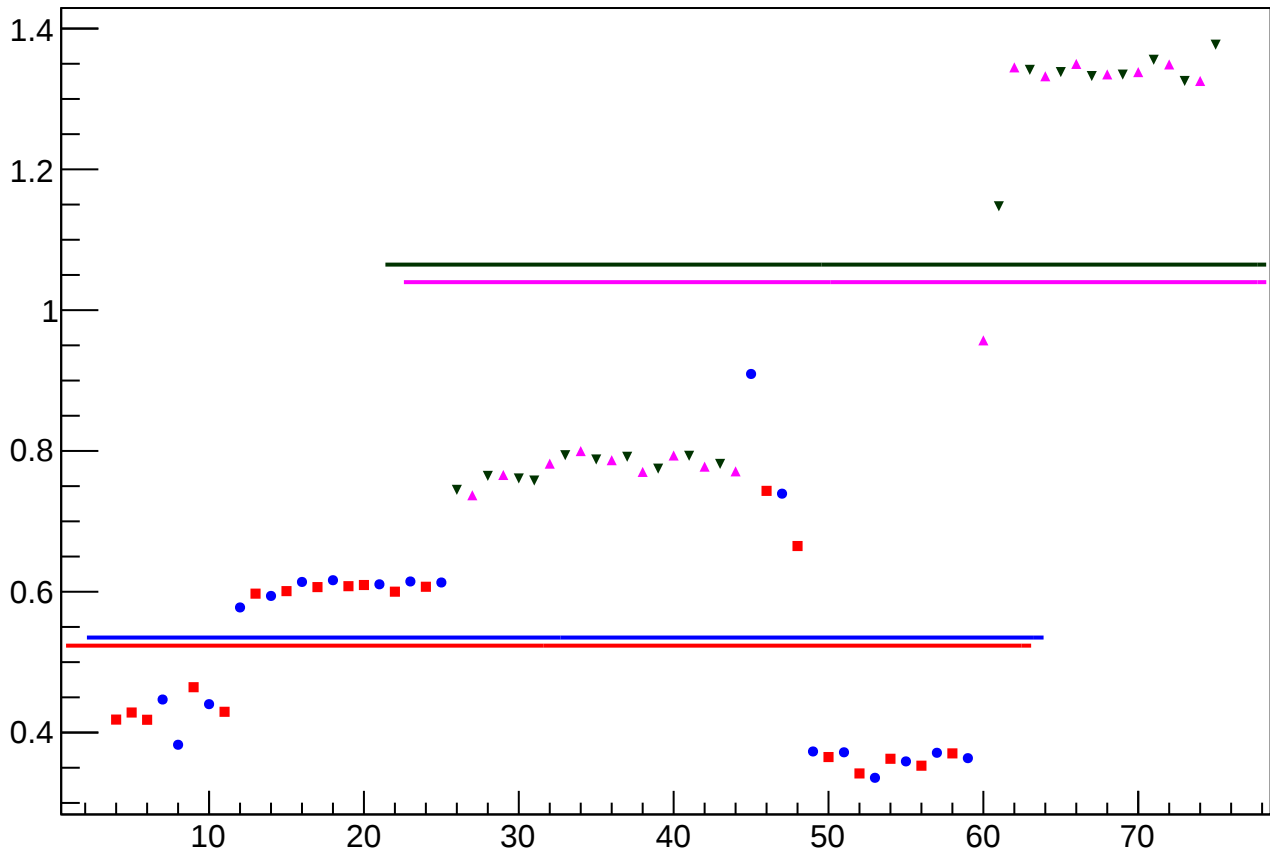
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF : 16325.3/16

0.015+/-0.000 χ^2/NDF : 734496.2/35

0.015+/-0.000 χ^2/NDF : 594897.9/35

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 1.065+/-0.000 χ^2/NDF : 79034588143.0/17

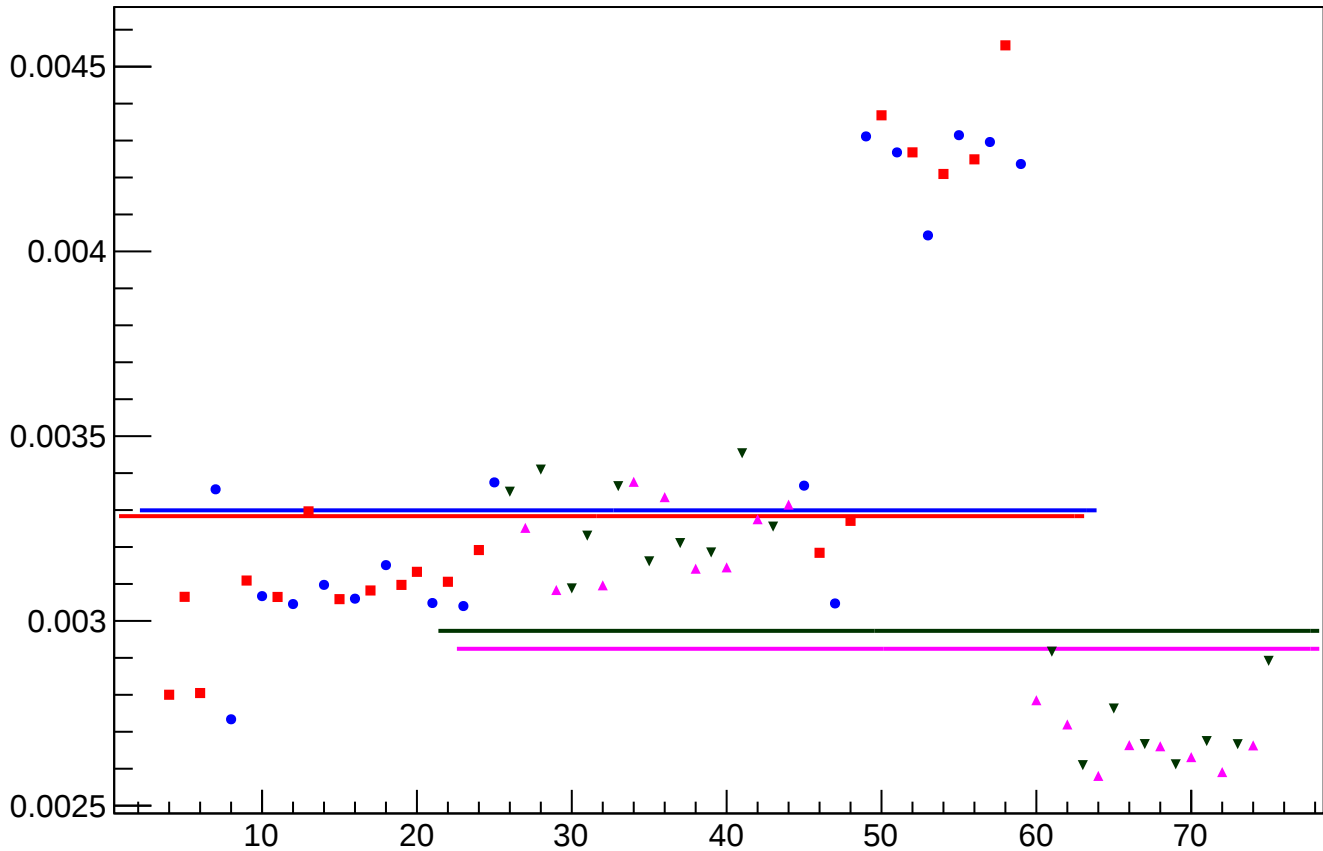
0.805+/-0.000 χ^2/NDF : 241160861682.9/35

Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

0.811+/-0.000 χ^2/NDF : 225361046870.4/35

Left In: 1.040+/-0.000 χ^2/NDF : 83580229449.9/16

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 497565.6/17

Left Out: 0.003+/-0.000 χ^2/NDF :183125.7/17

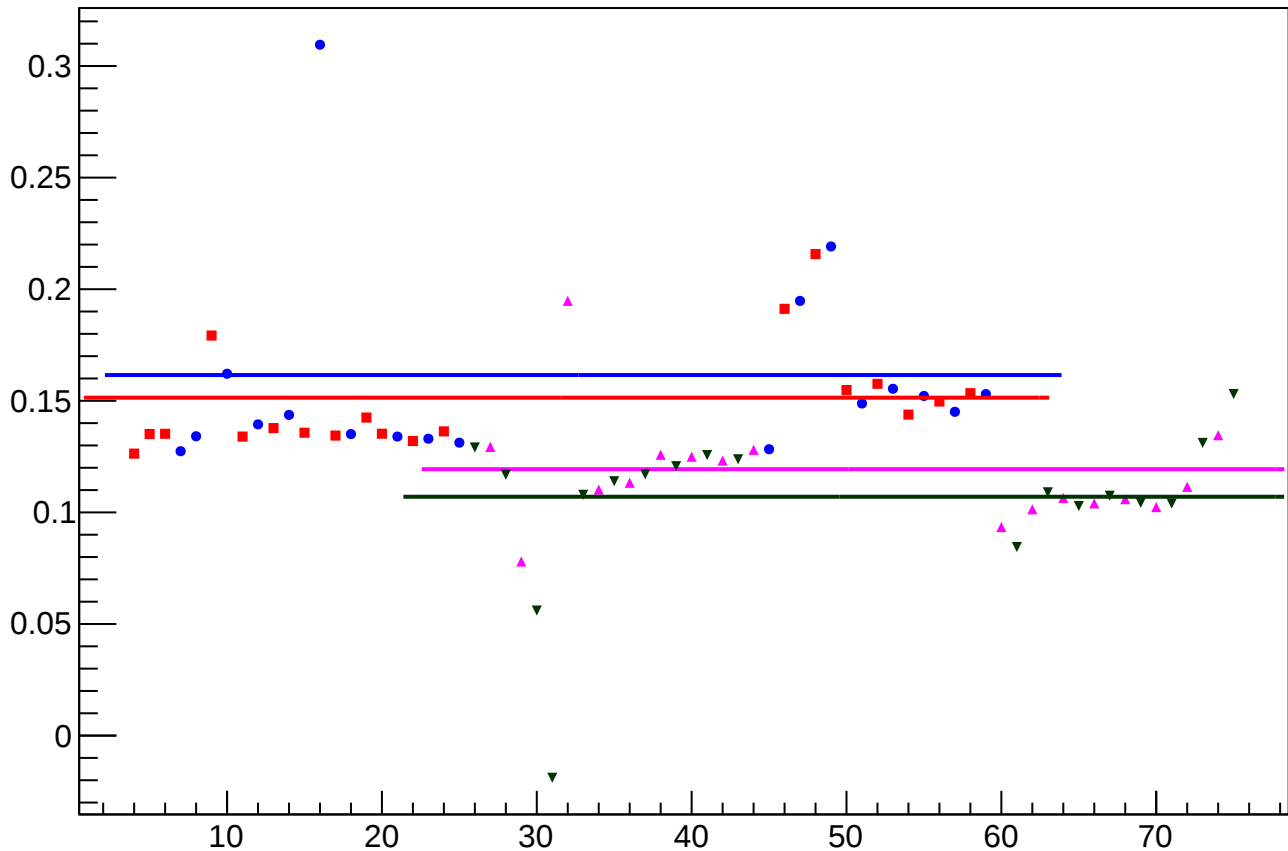
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF :178145.6/16

0.003+/-0.000 χ^2/NDF : 787518.1/35

0.003+/-0.000 χ^2/NDF : 686347.1/35

yield_bpm0l08X_mean vs slug



Right In: 0.162 ± 0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.107 ± 0.000 χ^2/NDF : 51375444.4/17

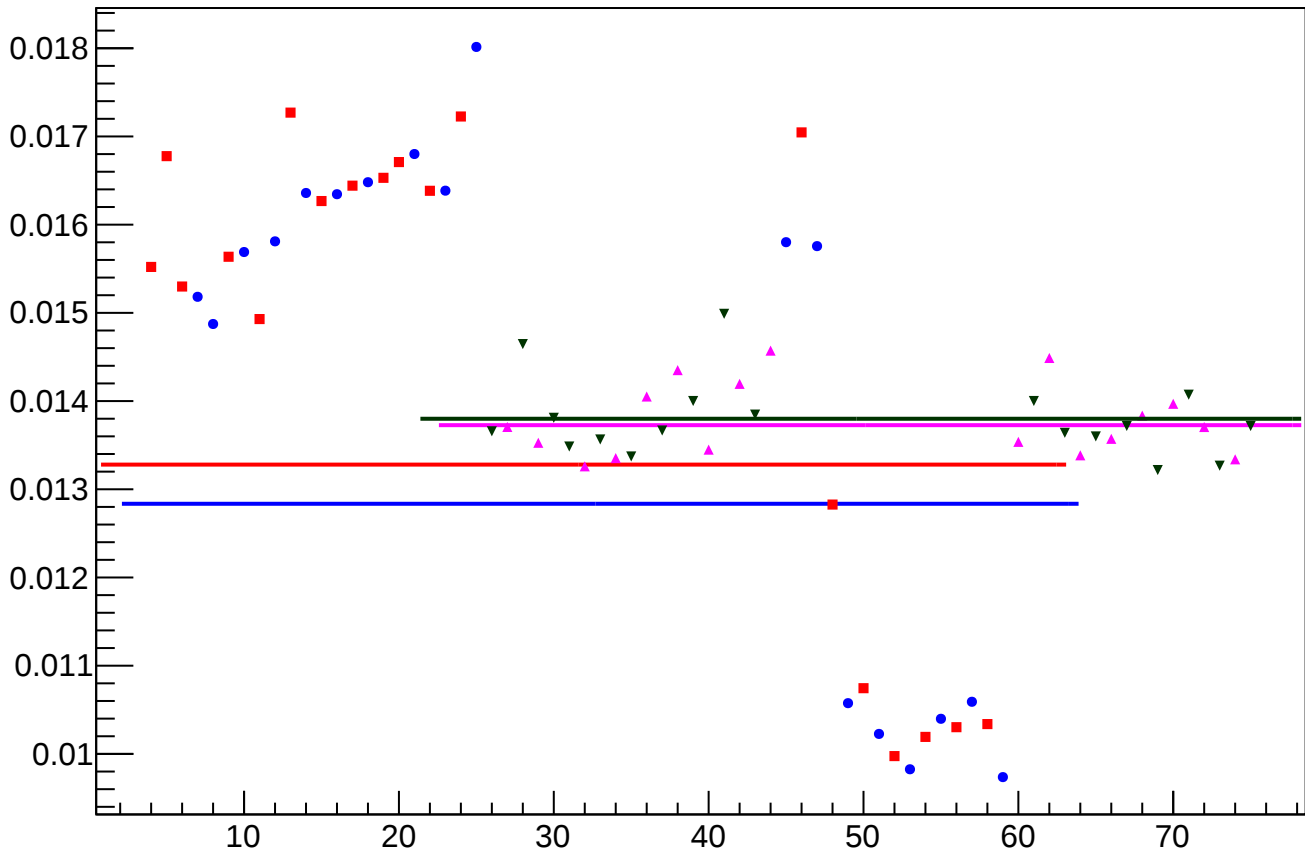
Right Out: 0.151 ± 0.000 χ^2/NDF : 22463584.0/18

Left In: 0.119 ± 0.000 χ^2/NDF : 43285902.1/16

0.138 ± 0.000 χ^2/NDF : 228162859.4/35

0.136 ± 0.000 χ^2/NDF : 92116525.4/35

yield_bpm0l08X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 1088247.1/17

Left Out: 0.014+/-0.000 χ^2/NDF :18783.0/17

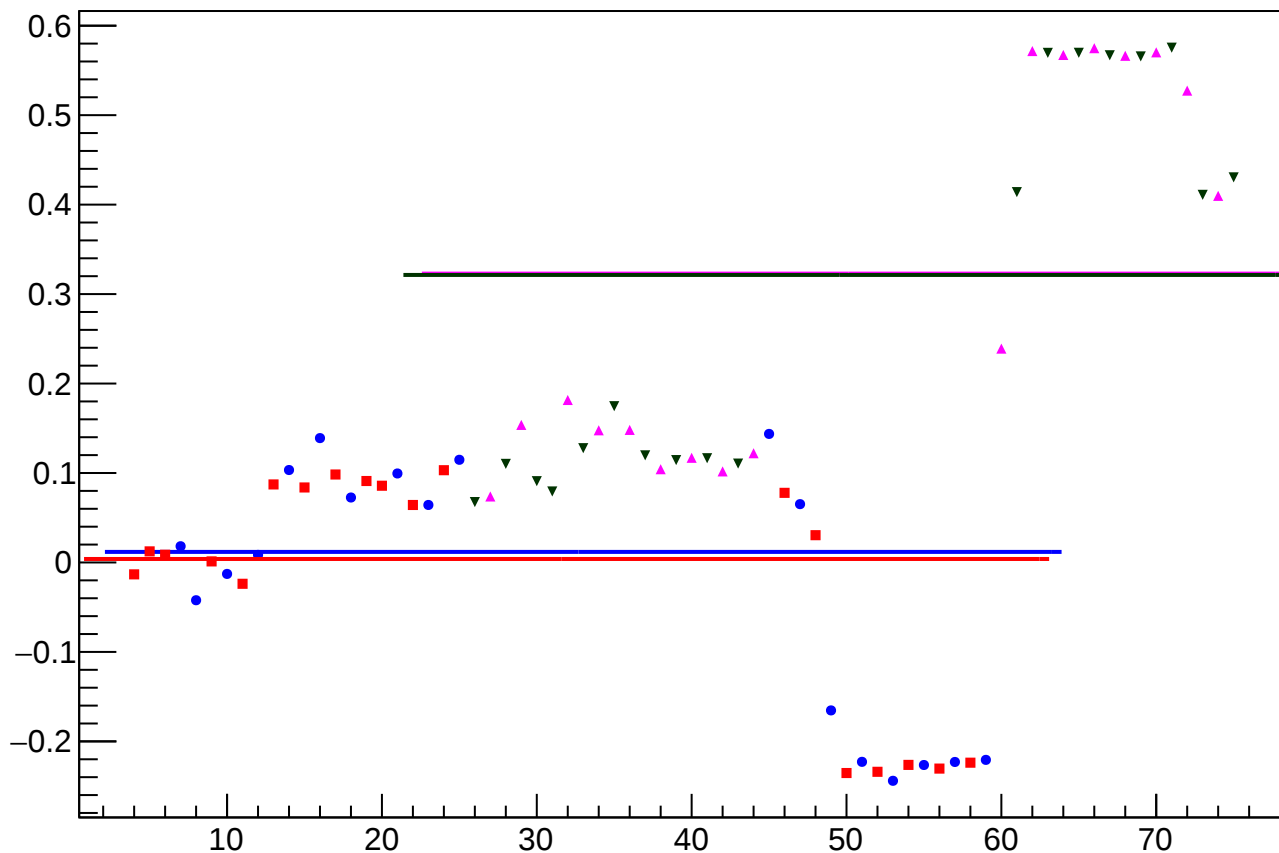
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :15634.9/16

0.013+/-0.000 χ^2/NDF : 1158294.5/35

0.014+/-0.000 χ^2/NDF : 915909.4/35

yield_bpm0l08Y_mean vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 12179192870.2/17

Left Out: 0.321+/-0.000 χ^2/NDF : 43756579614.1/17

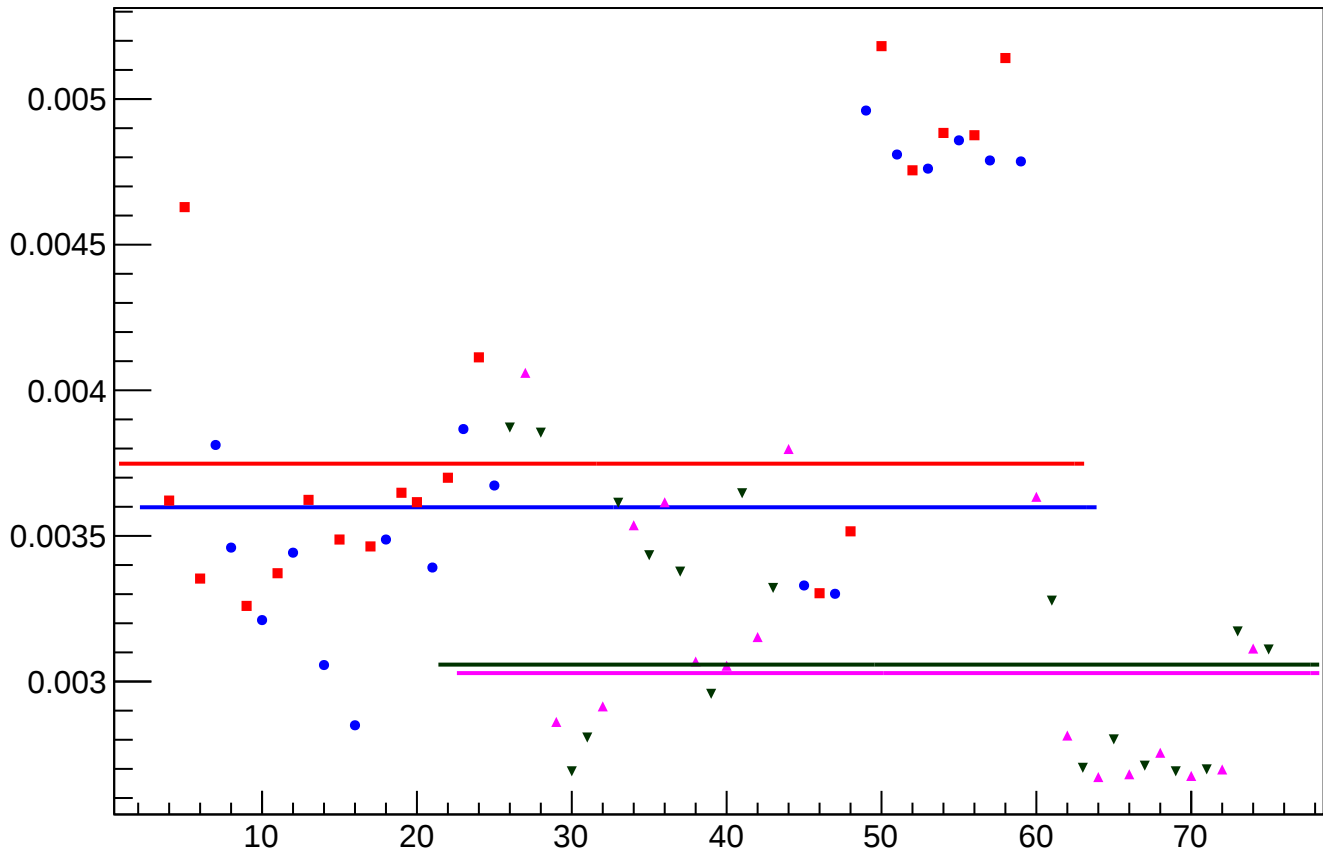
Right Out: 0.004+/-0.000 χ^2/NDF : 7924148421.7/18

Left In: 0.323+/-0.000 χ^2/NDF : 42926091379.5/16

0.179+/-0.000 χ^2/NDF : 97714215335.1/35

0.197+/-0.000 χ^2/NDF : 91140184750.1/35

yield_bpm0l08Y_rms vs slug



Right In: 0.004 ± 0.000 χ^2/NDF : 672957.8/17

Left Out: 0.003 ± 0.000 χ^2/NDF : 286209.3/17

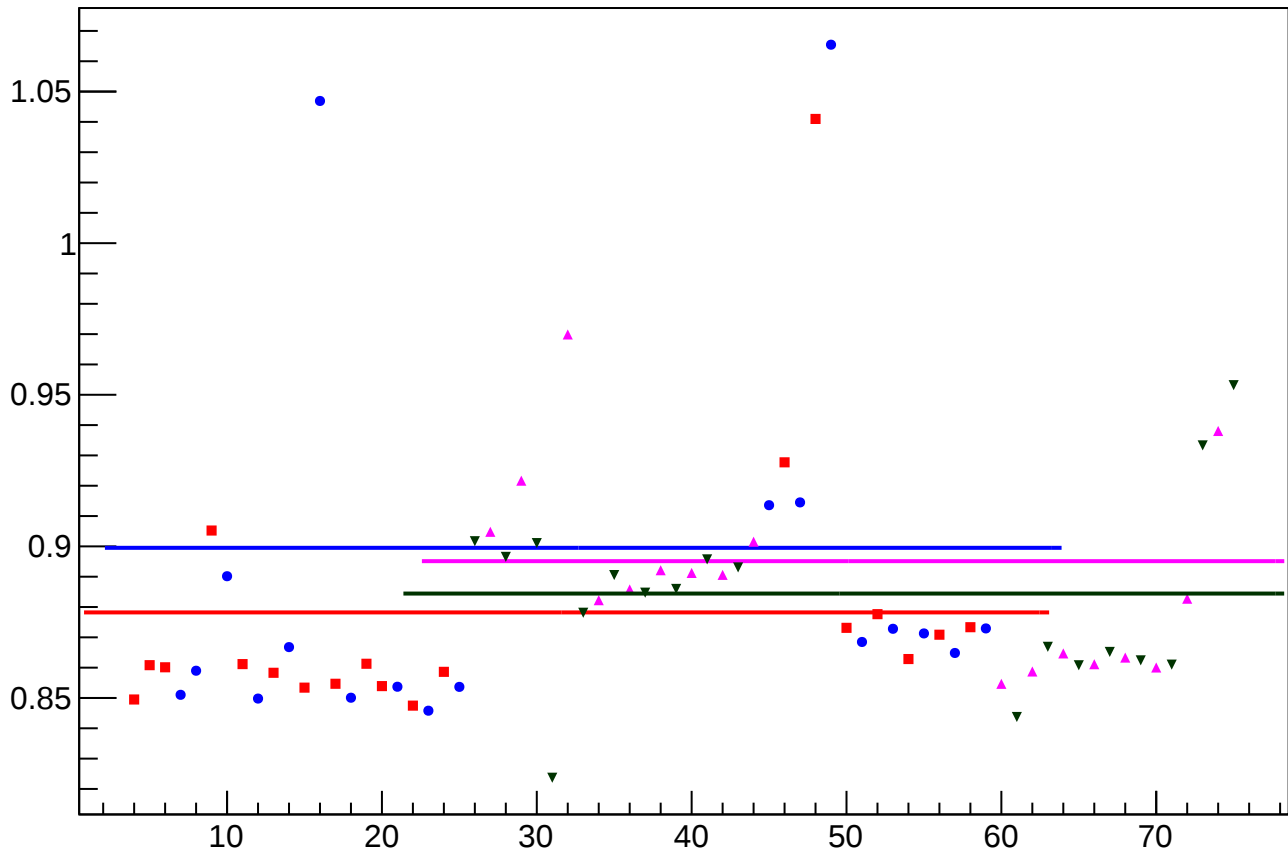
0.003 ± 0.000 χ^2/NDF : 1213628.6/35

Right Out: 0.004 ± 0.000 χ^2/NDF : 427283.7/18

0.003 ± 0.000 χ^2/NDF : 1148881.9/35

Left In: 0.003 ± 0.000 χ^2/NDF : 312096.7/16

yield_bpm0l09X_mean vs slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 324904340.4/17

Left Out: 0.884 $\pm$ 0.000 χ^2 /NDF: 39391694.6/17

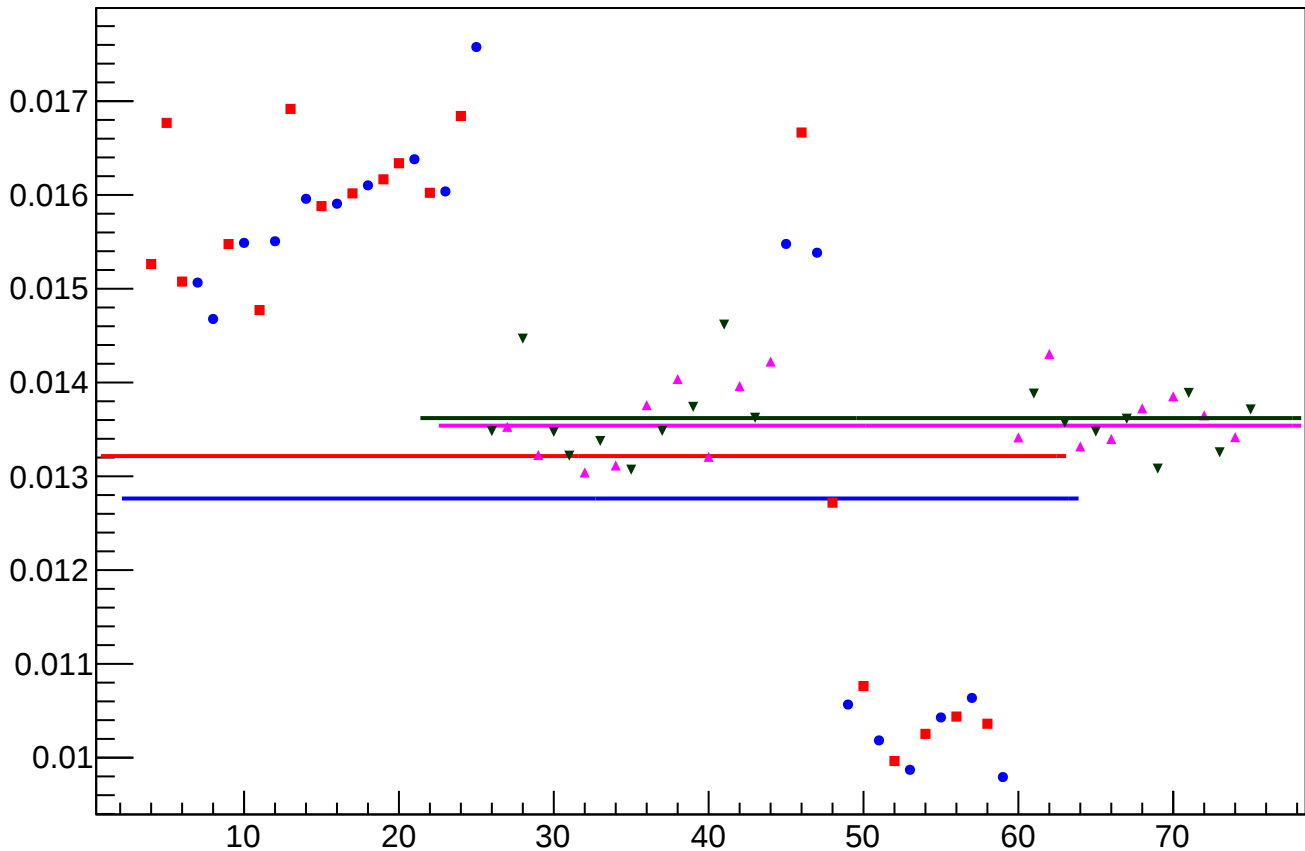
Right Out: 0.878 $\pm$ 0.000 χ^2 /NDF: 92356263.0/18

Left In: 0.895 $\pm$ 0.000 χ^2 /NDF: 58878883.9/16

0.893 $\pm$ 0.000 χ^2 /NDF: 370703701.3/35

0.887 $\pm$ 0.000 χ^2 /NDF: 158713445.5/35

yield_bpm0l09X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 980141.4/17

Left Out: 0.014+/-0.000 χ^2/NDF : 16776.6/17

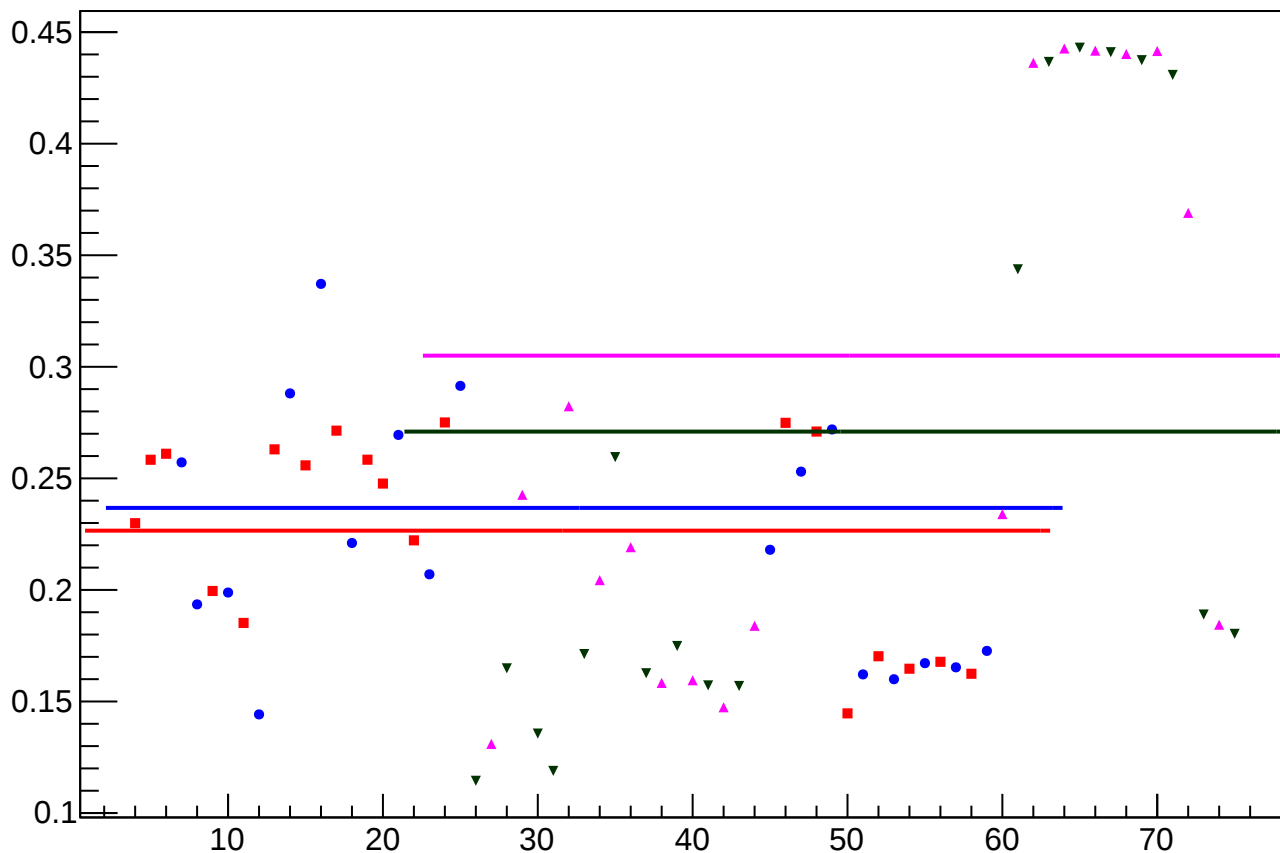
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF : 14066.3/16

0.013+/-0.000 χ^2/NDF : 1038346.5/35

0.013+/-0.000 χ^2/NDF : 818419.3/35

yield_bpm0l09Y_mean vs slug



Right In: 0.237+/-0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.271+/-0.000 χ^2/NDF :15578853665.3/17

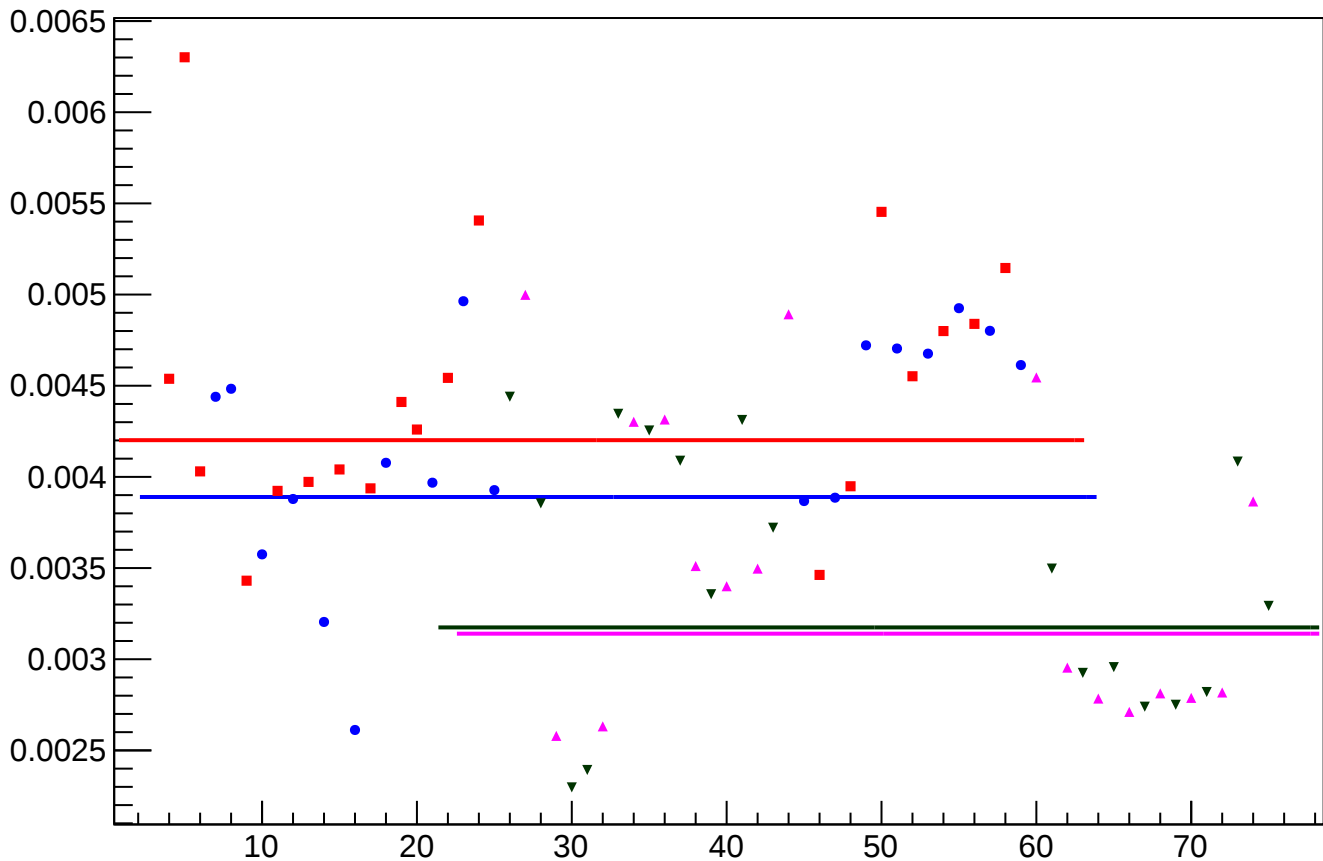
Right Out: 0.227+/-0.000 χ^2/NDF : 943883207.4/18

Left In: 0.305+/-0.000 χ^2/NDF :11556472980.2/16

0.256+/-0.000 χ^2/NDF : 18427758127.5/35

0.276+/-0.000 χ^2/NDF : 14483927762.5/35

yield_bpm0l09Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 695729.3/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 752097.4/17

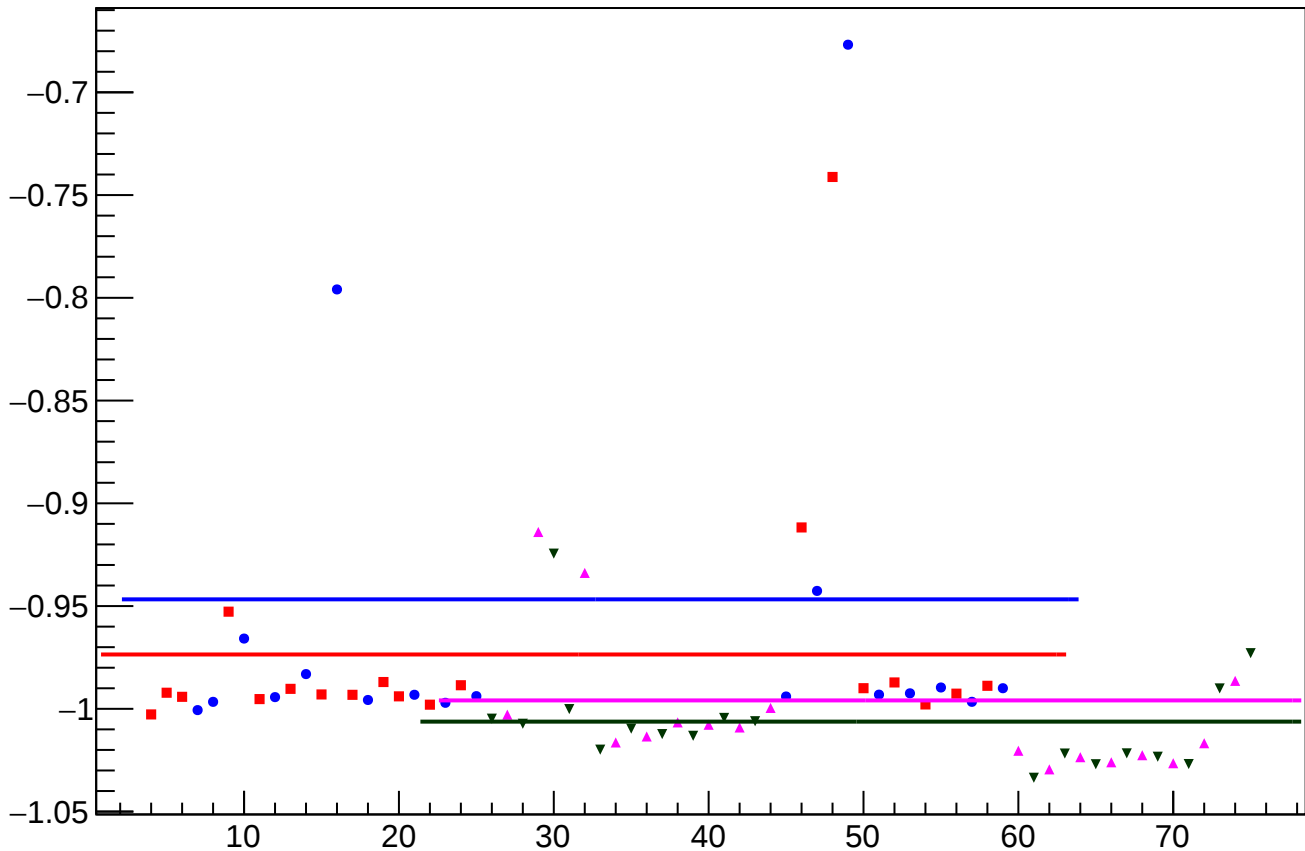
0.003 $\pm$ 0.000 χ^2 /NDF: 1830517.7/35

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 341340.8/18

0.004 $\pm$ 0.000 χ^2 /NDF: 1920943.9/35

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF: 853491.8/16

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.006+/-0.000 χ^2/NDF : 31951152.0/17

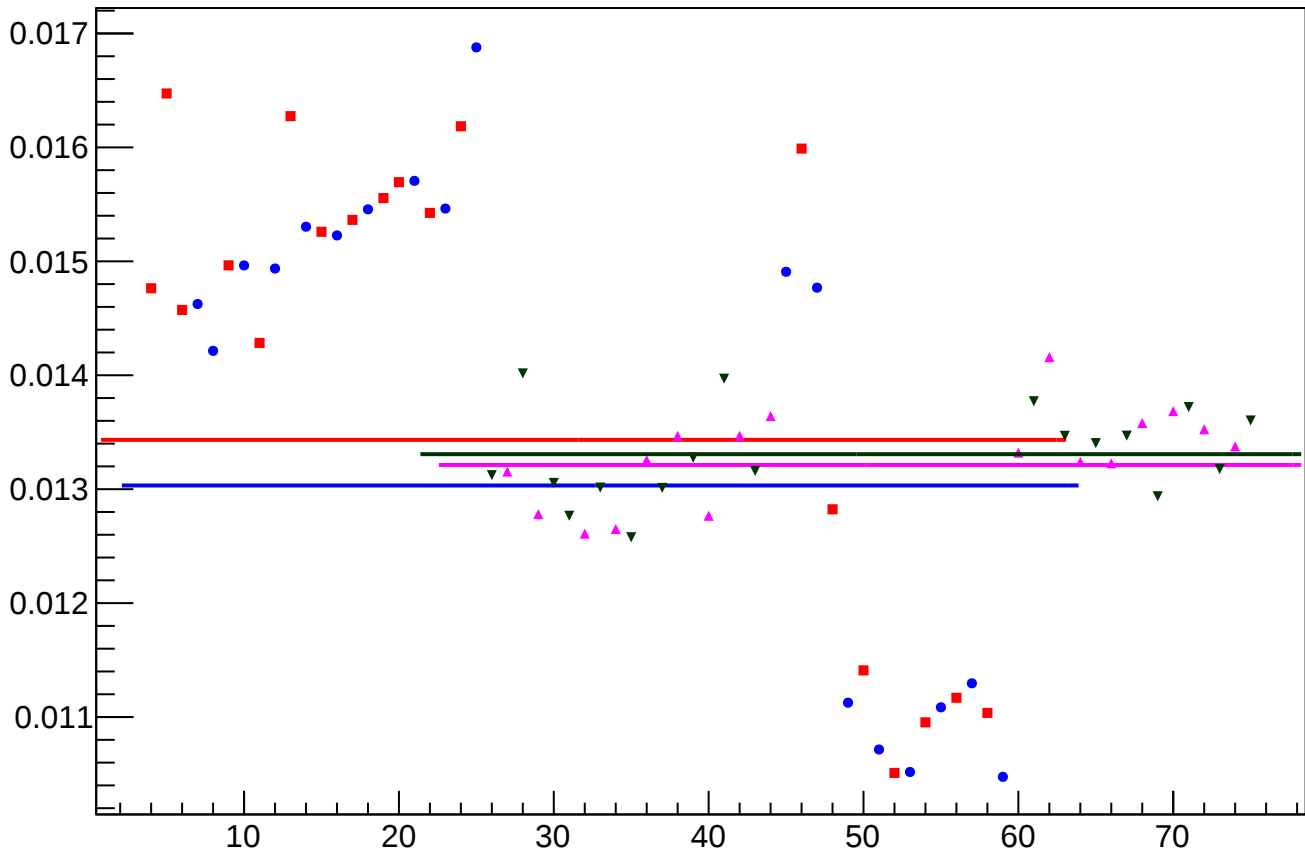
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.996+/-0.000 χ^2/NDF : 74712473.3/16

-0.974+/-0.000 χ^2/NDF : 795255370.4/35

-0.985+/-0.000 χ^2/NDF : 262664531.8/35

yield_bpm0l10X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 587832.0/17

Left Out: 0.013+/-0.000 χ^2/NDF : 16393.7/17

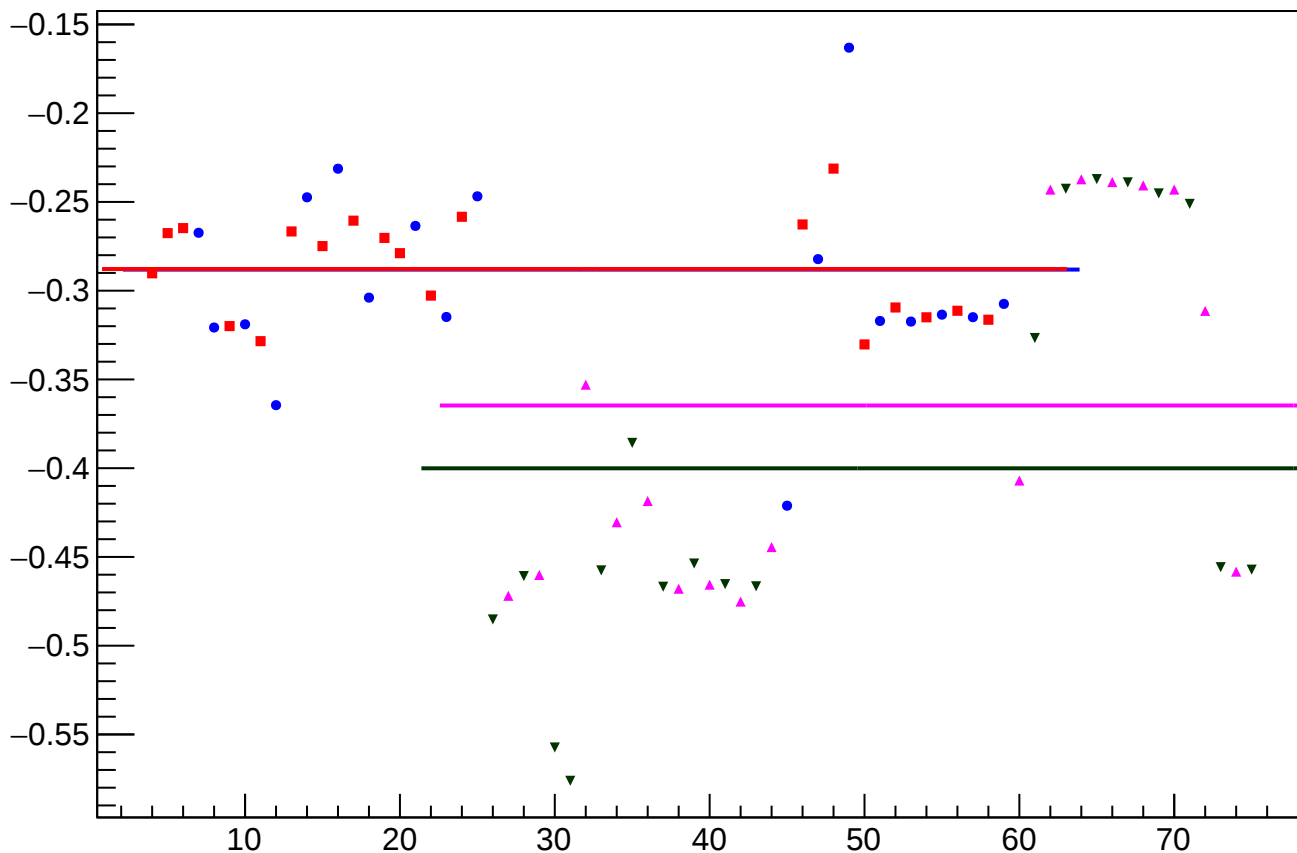
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF : 17682.0/16

0.013+/-0.000 χ^2/NDF : 608537.9/35

0.013+/-0.000 χ^2/NDF : 499507.3/35

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.400+/-0.000 χ^2/NDF : 13718776245.3/17

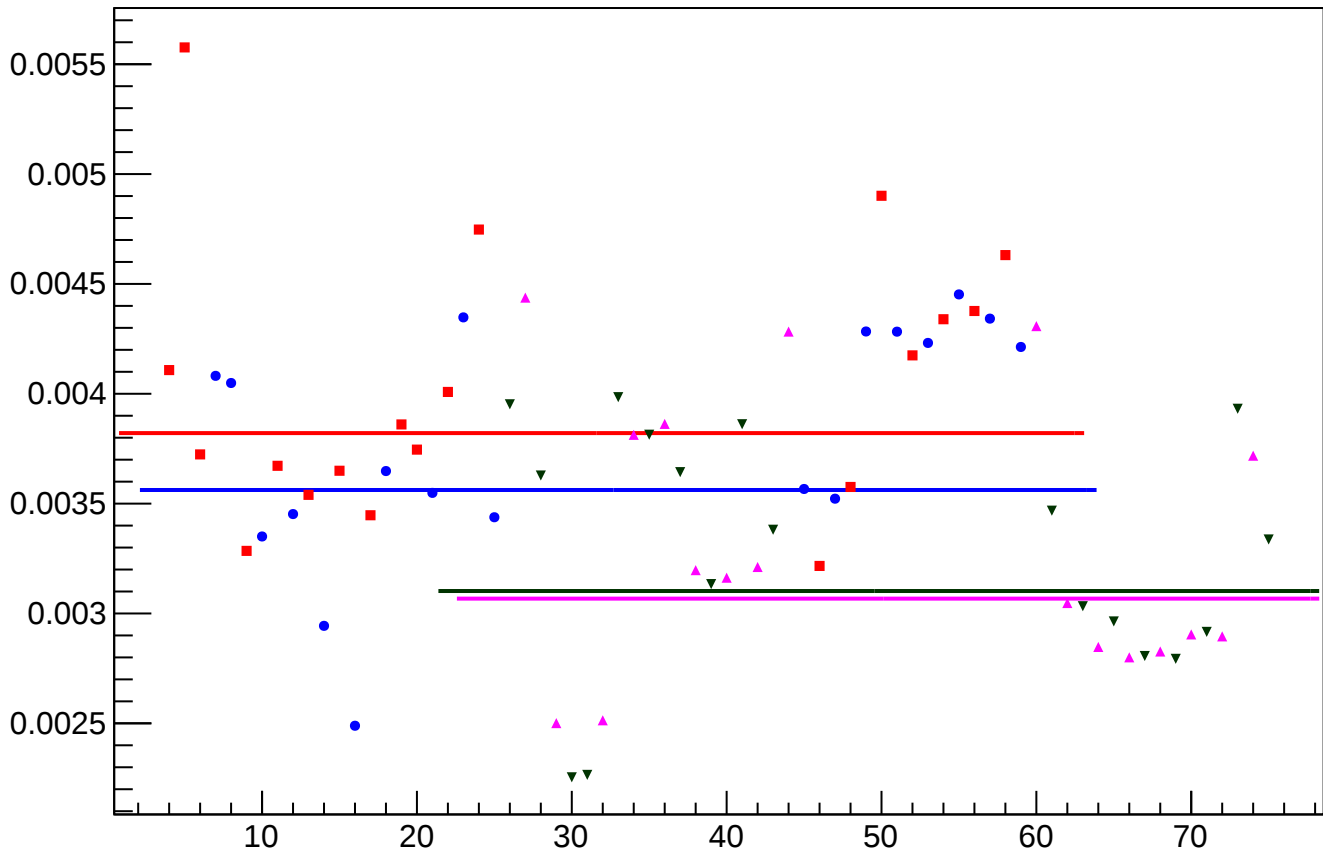
-0.346+/-0.000 χ^2/NDF : 21669145037.3/35

Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

-0.334+/-0.000 χ^2/NDF : 11512625682.4/35

Left In: -0.365+/-0.000 χ^2/NDF : 8778046070.5/16

yield_bpm0l10Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 588741.6/17

Left Out: 0.003+/-0.000 χ^2/NDF : 552004.4/17

0.003+/-0.000 χ^2/NDF : 1321172.0/35

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

0.003+/-0.000 χ^2/NDF : 1317711.3/35

Left In: 0.003+/-0.000 χ^2/NDF : 609402.6/16