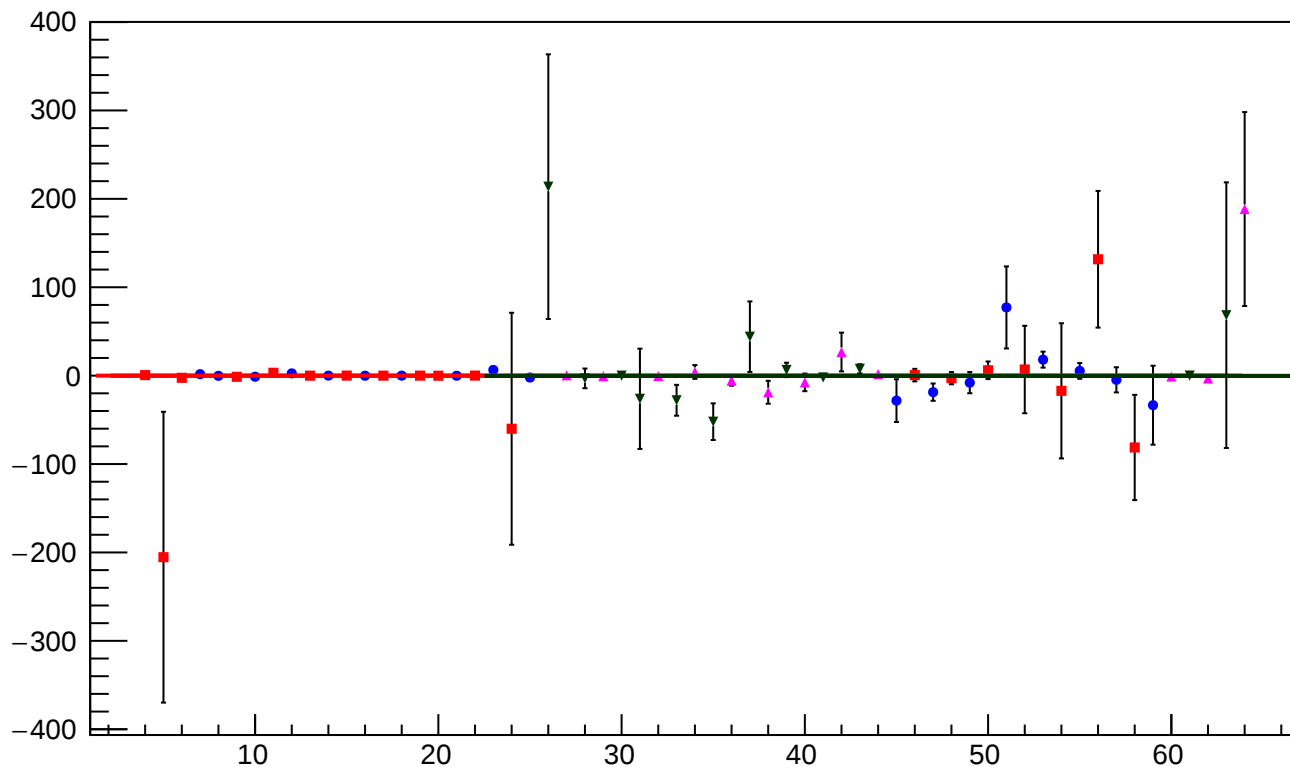


diff_cav4bX_mean vs slug



Right In: -0.014+/-0.014

Left Out: -0.404+/-1.254

Right Out: 0.017+/-0.016

Left In: -0.099+/-0.167

χ^2/NDF : 31.2/17

χ^2/NDF : 16.4/11

χ^2/NDF : 24.7/18

χ^2/NDF : 19.3/11

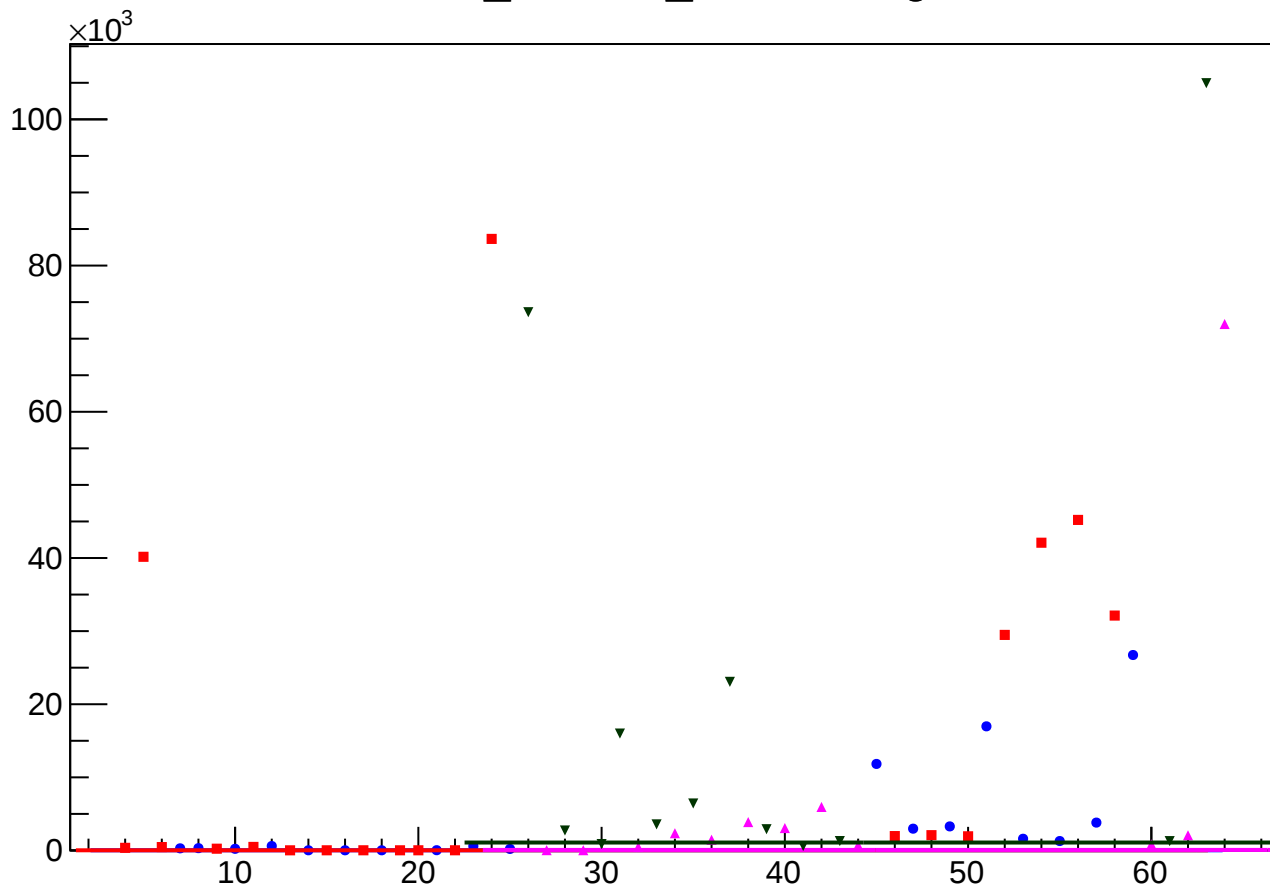
-0.014+/-0.014

0.016+/-0.016

χ^2/NDF : 47.7/29

χ^2/NDF : 44.4/30

diff_cav4bX_rms vs slug



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

Left Out: 1084.574 $\pm$ 0.887 χ^2 /NDF: 2626364.7/11

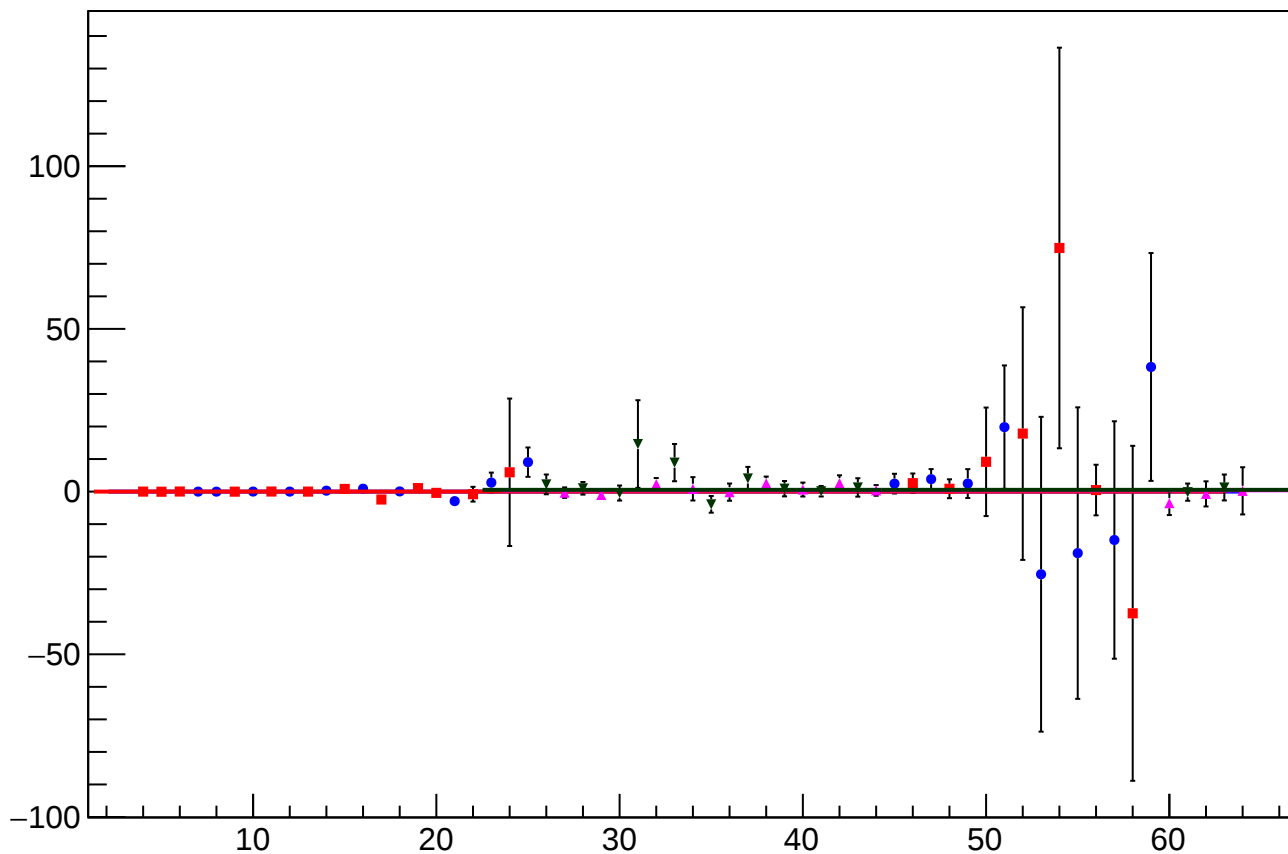
Right Out: 22.611 $\pm$ 0.011 χ^2 /NDF: 4395534.2/18

Left In: 72.723 $\pm$ 0.118 χ^2 /NDF: 3292588.9/11

22.568 $\pm$ 0.010 χ^2 /NDF: 6865791.7/29

23.074 $\pm$ 0.011 χ^2 /NDF: 7866104.7/30

diff_cav4bY_mean vs slug



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

Left Out: 0.536 ± 0.762 χ^2/NDF : 8.0/11

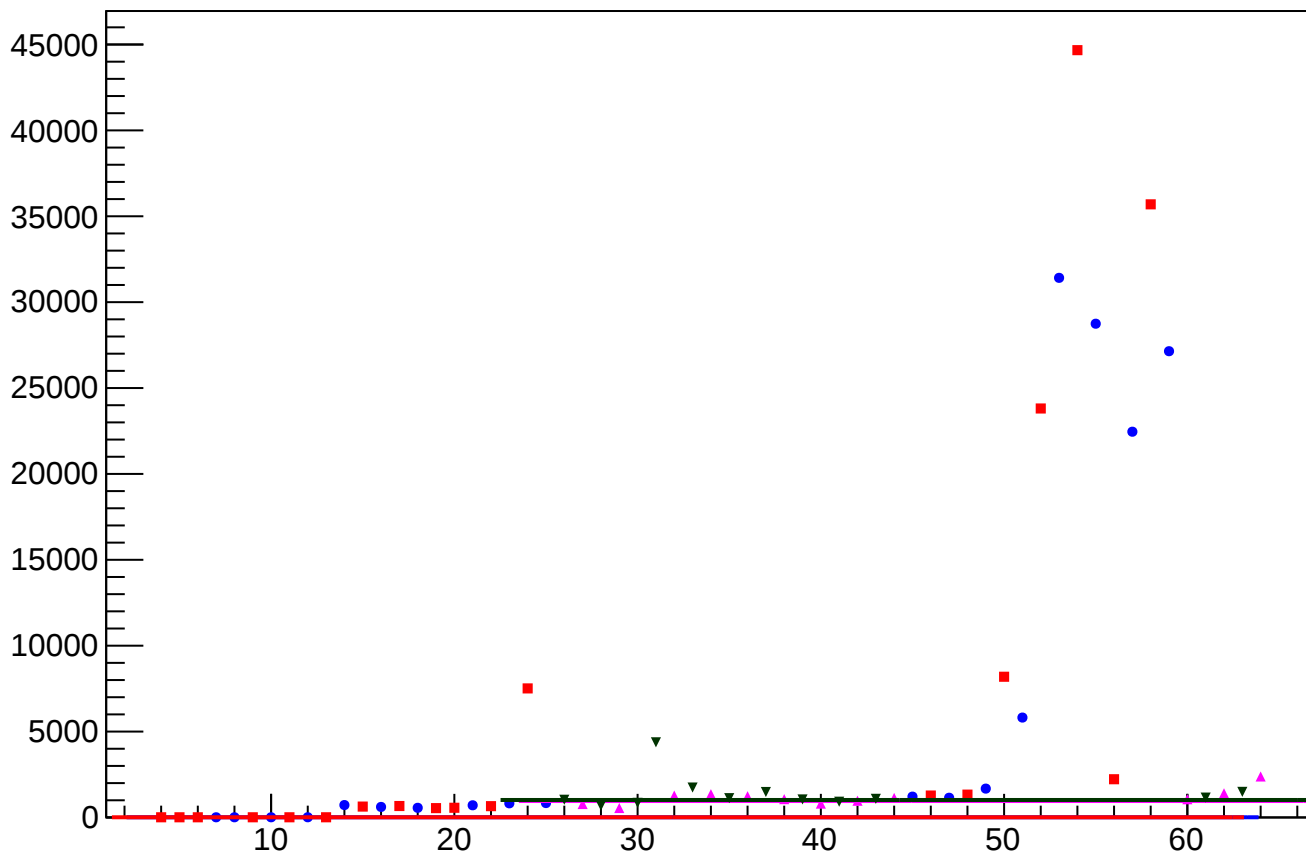
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.386 ± 0.620 χ^2/NDF : 5.6/11

-0.001 ± 0.006 χ^2/NDF : 32.1/29

0.002 ± 0.005 χ^2/NDF : 26.3/30

diff_cav4bY_rms vs slug



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

Left Out: 1017.257+/-0.538 χ^2/NDF :306512.3/11

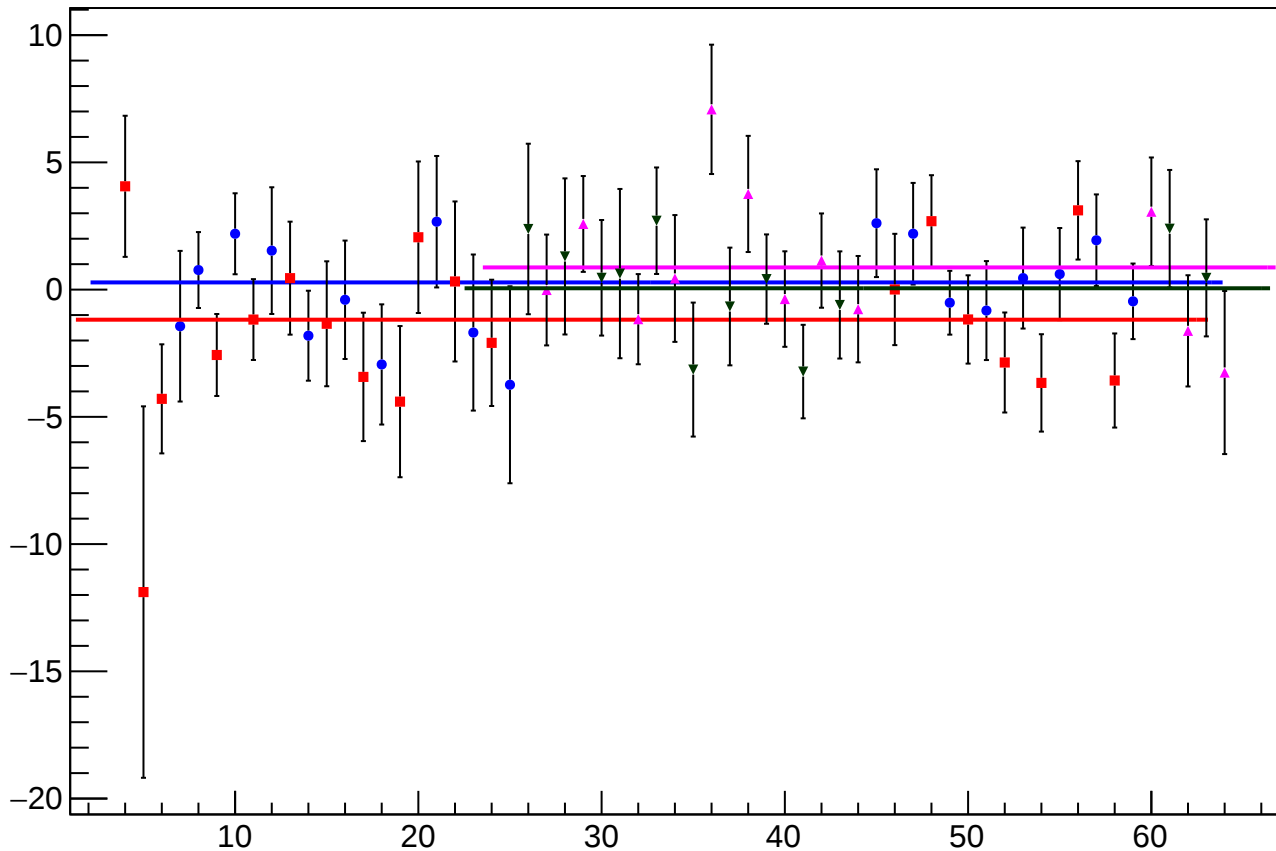
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 956.321+/-0.438 χ^2/NDF :458841.2/11

10.580+/-0.005 χ^2/NDF : 12760876.7/29

10.159+/-0.004 χ^2/NDF : 11866245.1/30

diff_cav4cX_mean vs slug



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

Left Out: 0.053 ± 0.665 χ^2/NDF : 8.3/11

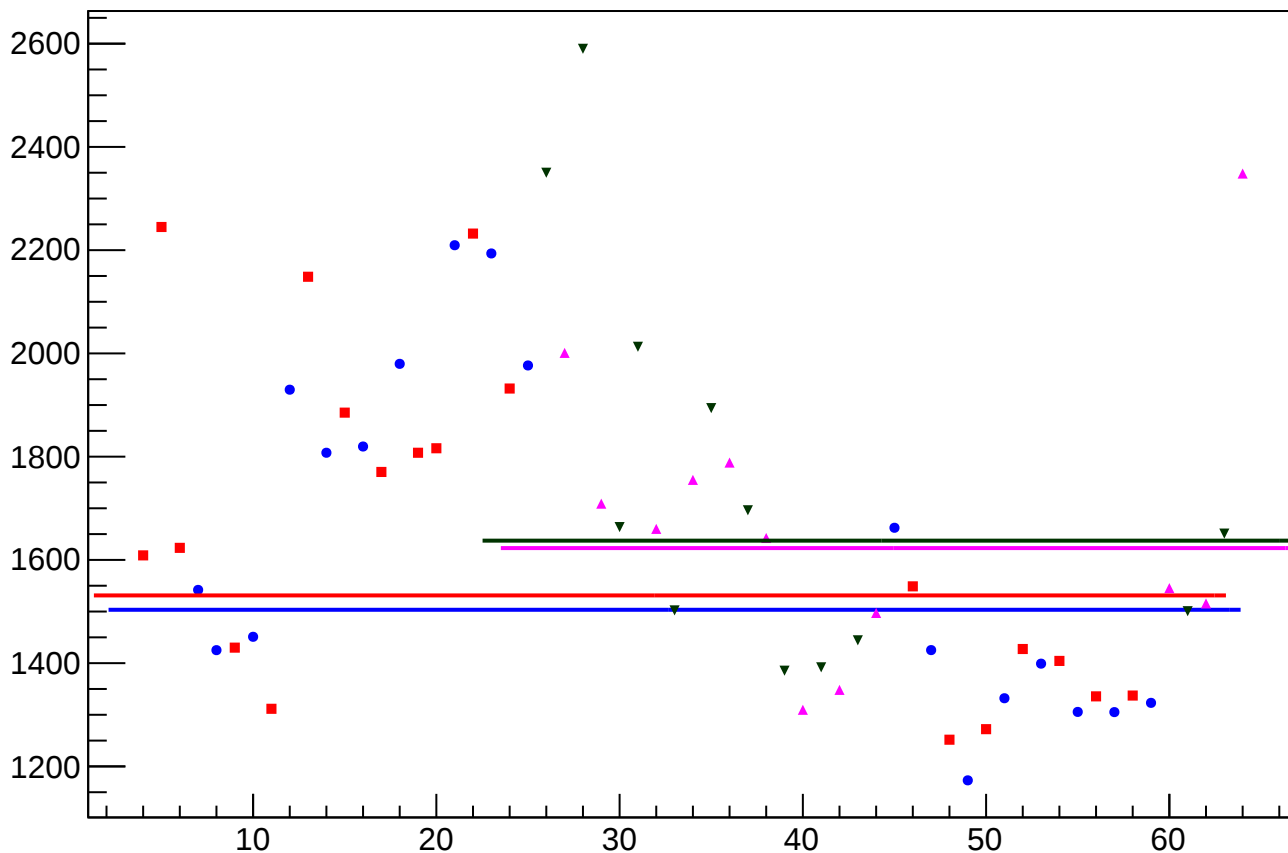
Right Out: -1.182 ± 0.494 χ^2/NDF : 26.5/18

Left In: 0.872 ± 0.614 χ^2/NDF : 15.0/11

0.209 ± 0.376 χ^2/NDF : 20.2/29

-0.376 ± 0.385 χ^2/NDF : 48.3/30

diff_cav4cX_rms vs slug



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

Left Out: 1637.314+/-0.470 χ^2/NDF : 438604.8/11

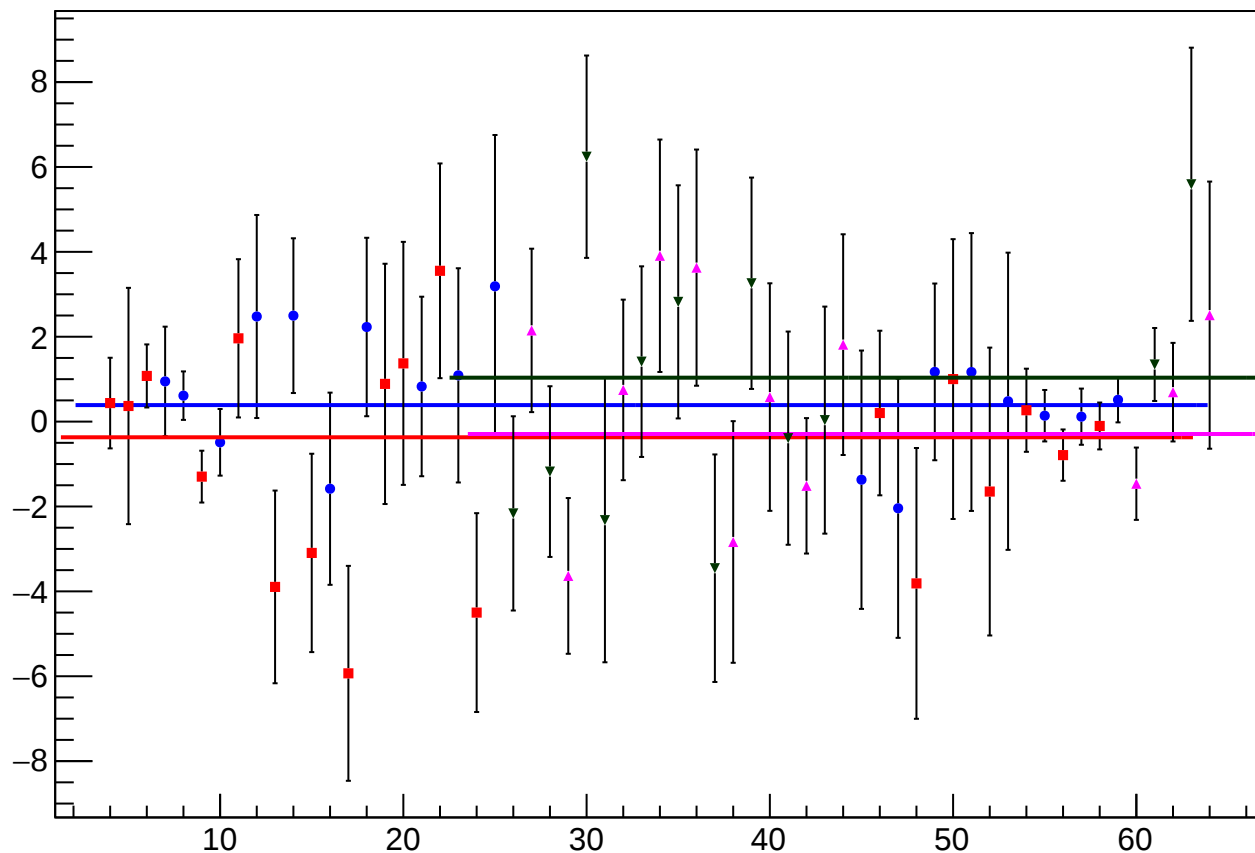
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1622.903+/-0.434 χ^2/NDF : 296488.0/11

1546.160+/-0.266 χ^2/NDF : 1270594.0/29

1567.190+/-0.272 χ^2/NDF : 944874.2/30

diff_cav4cY_mean vs slug



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

Left Out: 1.035 ± 0.570 χ^2/NDF : 15.6/11

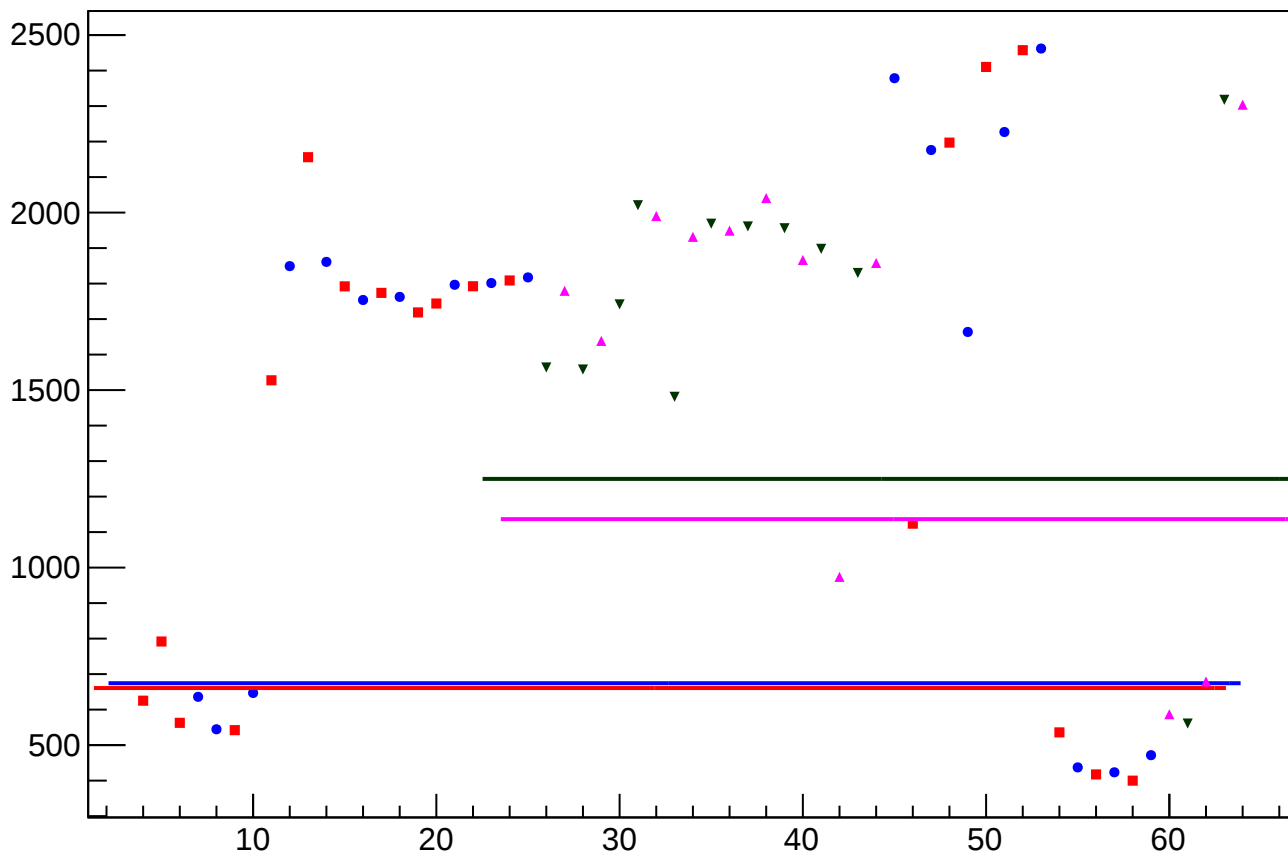
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.292 ± 0.495 χ^2/NDF : 15.1/11

0.495 ± 0.230 χ^2/NDF : 24.2/29

-0.352 ± 0.232 χ^2/NDF : 40.7/30

diff_cav4cY_rms vs slug



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

Left Out: 1249.834+/-0.403 χ^2/NDF : 2467091.9/11

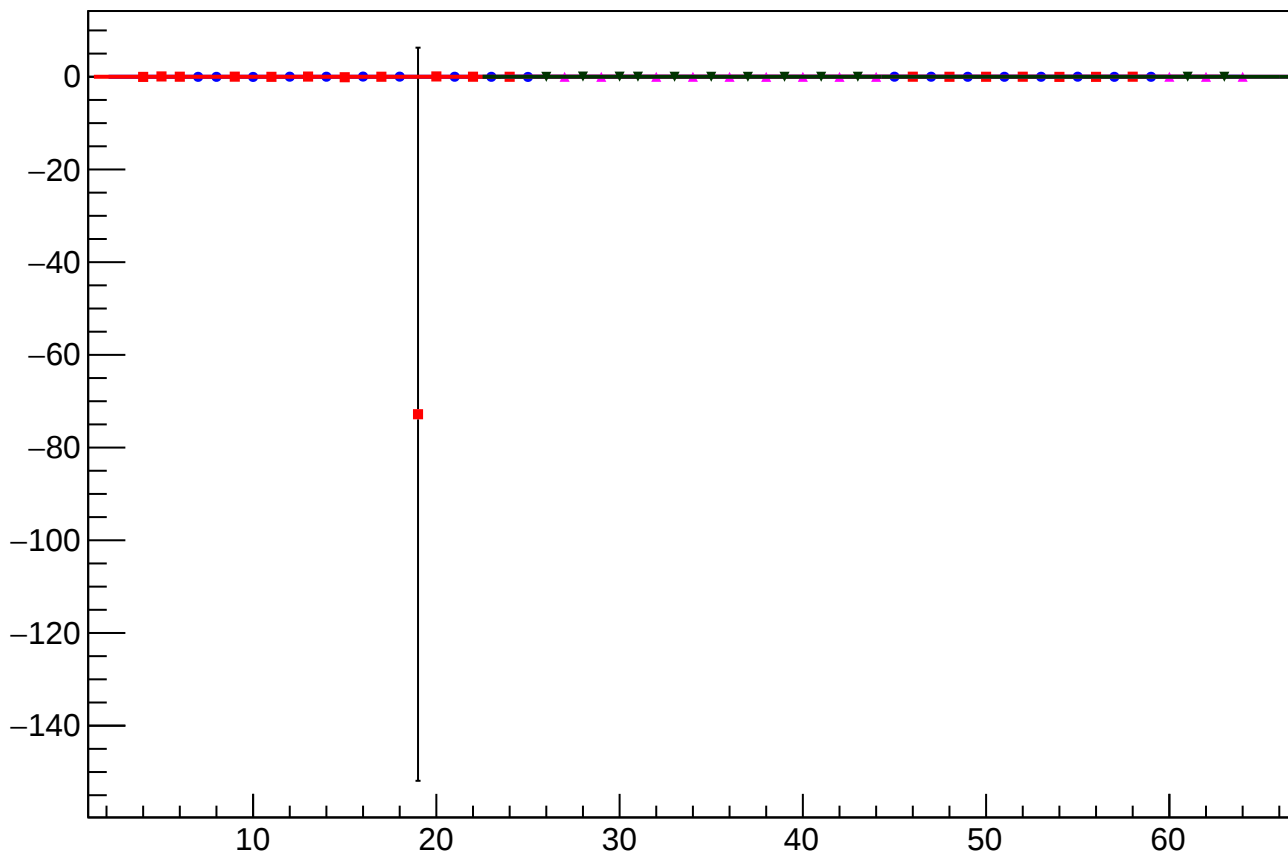
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1136.528+/-0.350 χ^2/NDF : 2976280.8/11

768.205+/-0.163 χ^2/NDF : 11188822.8/29

765.068+/-0.164 χ^2/NDF : 10638957.4/30

diff_cav4dX_mean vs slug



Right In: -0.000 $\pm$ 0.004 χ^2 /NDF: 11.9/17

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.8/11

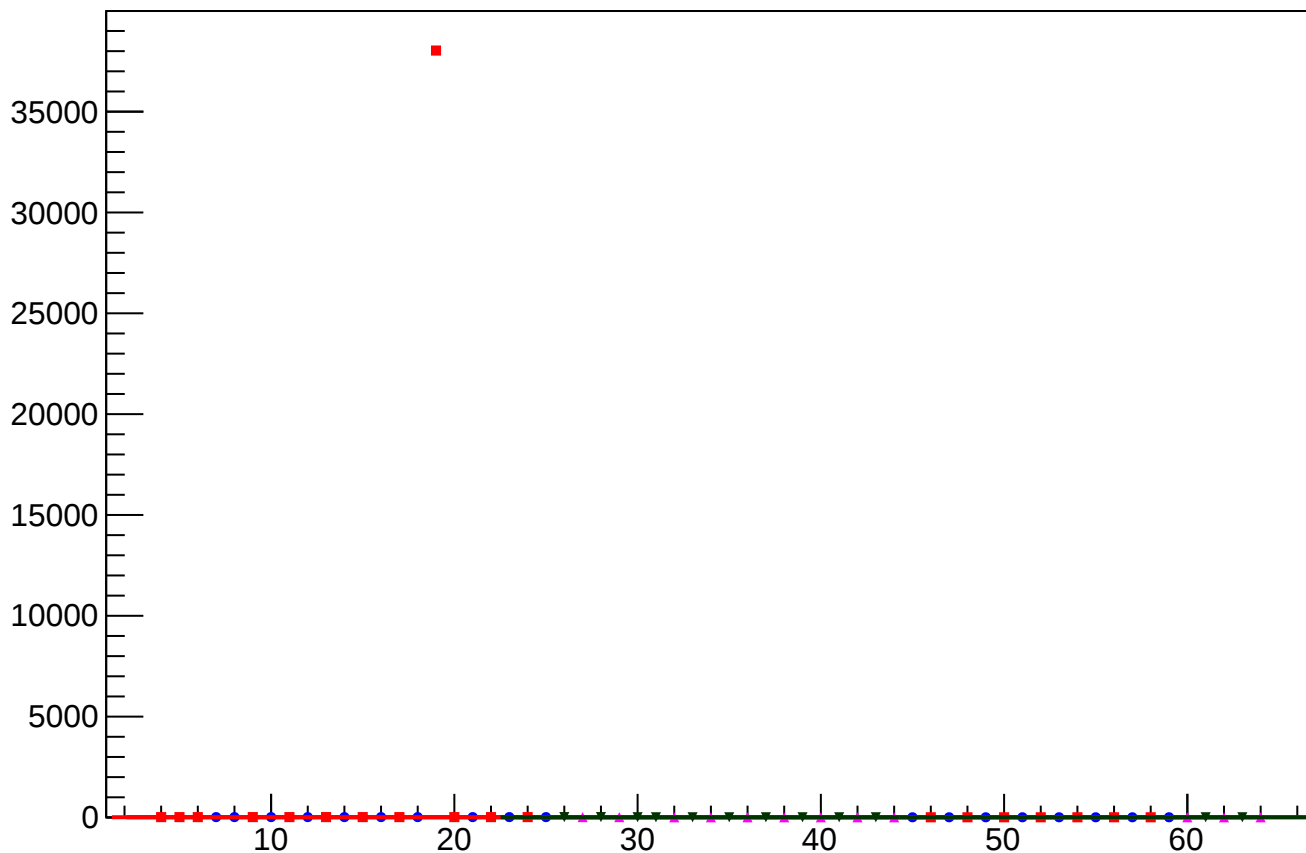
Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 20.0/18

Left In: -0.001 $\pm$ 0.004 χ^2 /NDF: 3.7/11

0.001 $\pm$ 0.003 χ^2 /NDF: 20.8/29

0.001 $\pm$ 0.003 χ^2 /NDF: 24.0/30

diff_cav4dX_rms vs slug



Right In: 10.593 ± 0.003 χ^2/NDF : 1953039.1/17

Left Out: 9.217 ± 0.003 χ^2/NDF : 601820.5/11

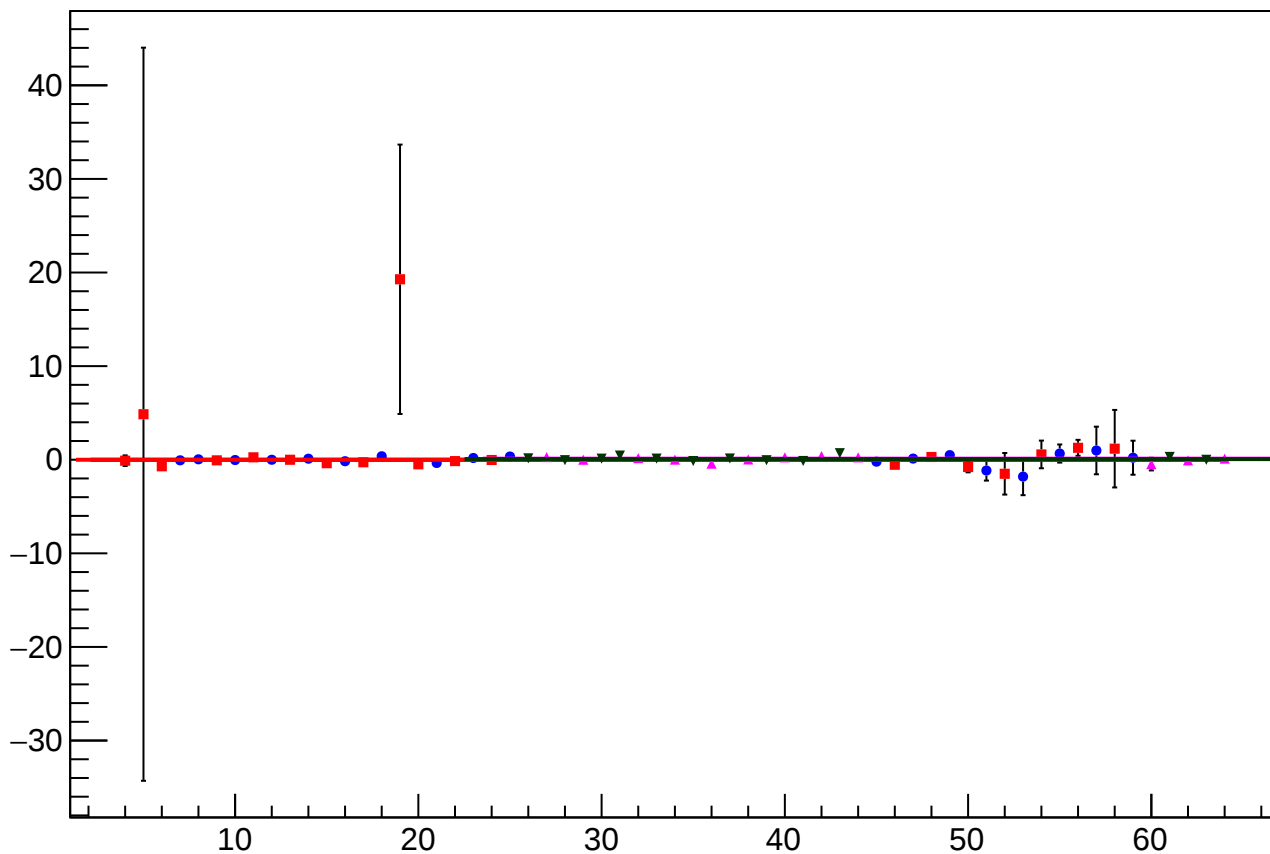
Right Out: 11.097 ± 0.003 χ^2/NDF : 2257827.7/18

Left In: 9.186 ± 0.003 χ^2/NDF : 769591.7/11

9.943 ± 0.002 χ^2/NDF : 2691129.5/29

10.005 ± 0.002 χ^2/NDF : 3273179.0/30

diff_cav4dY_mean vs slug



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

Left Out: 0.068+/-0.055 χ^2 /NDF:12.7/11

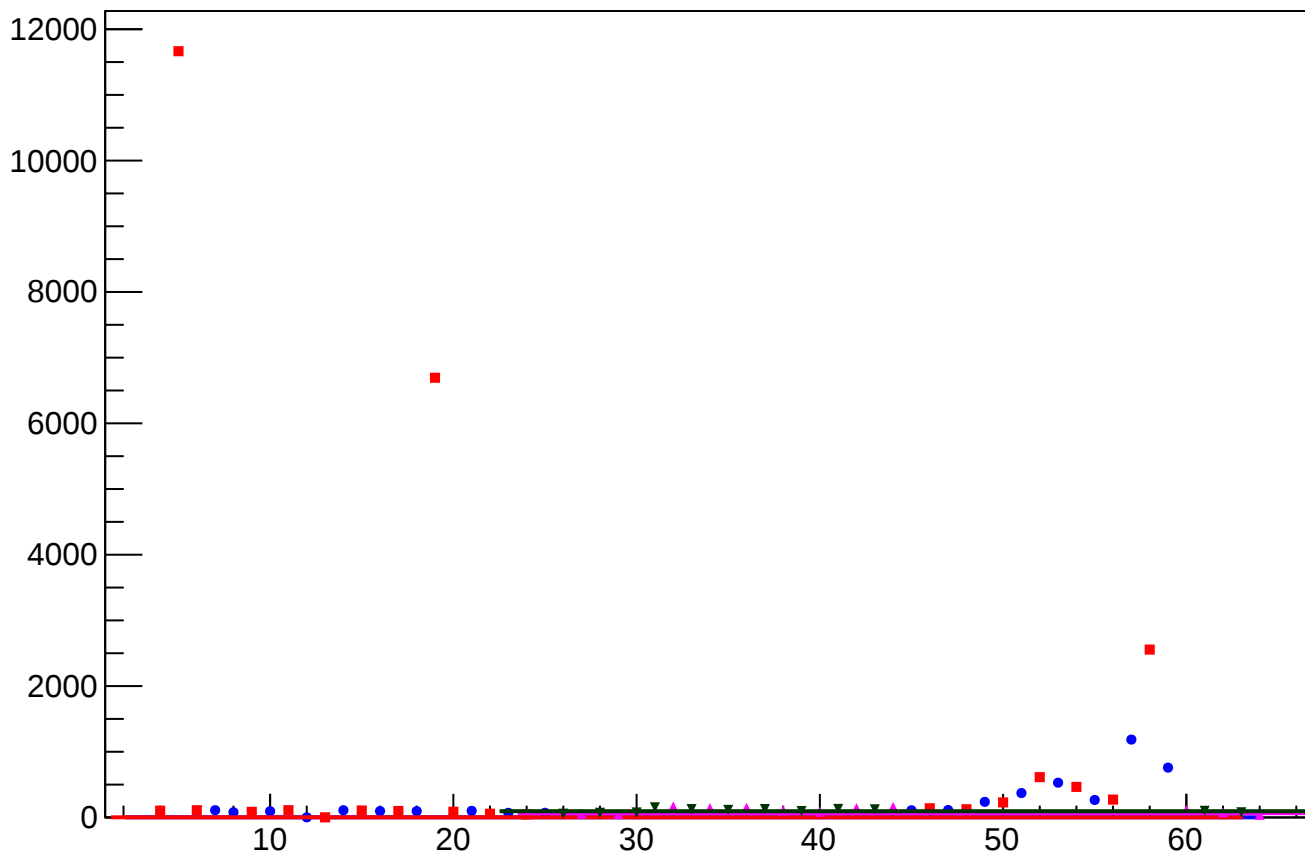
Right Out: -0.003+/-0.003 χ^2 /NDF: 21.1/18

Left In: 0.116+/-0.040 χ^2 /NDF:11.2/11

-0.002+/-0.003 χ^2 /NDF: 35.2/29

-0.002+/-0.003 χ^2 /NDF: 41.1/30

diff_cav4dY_rms vs slug



Right In: 2.214+/-0.002 χ^2/NDF : 9160380.4/17

Left Out: 95.126+/-0.039 χ^2/NDF : 449145.0/11

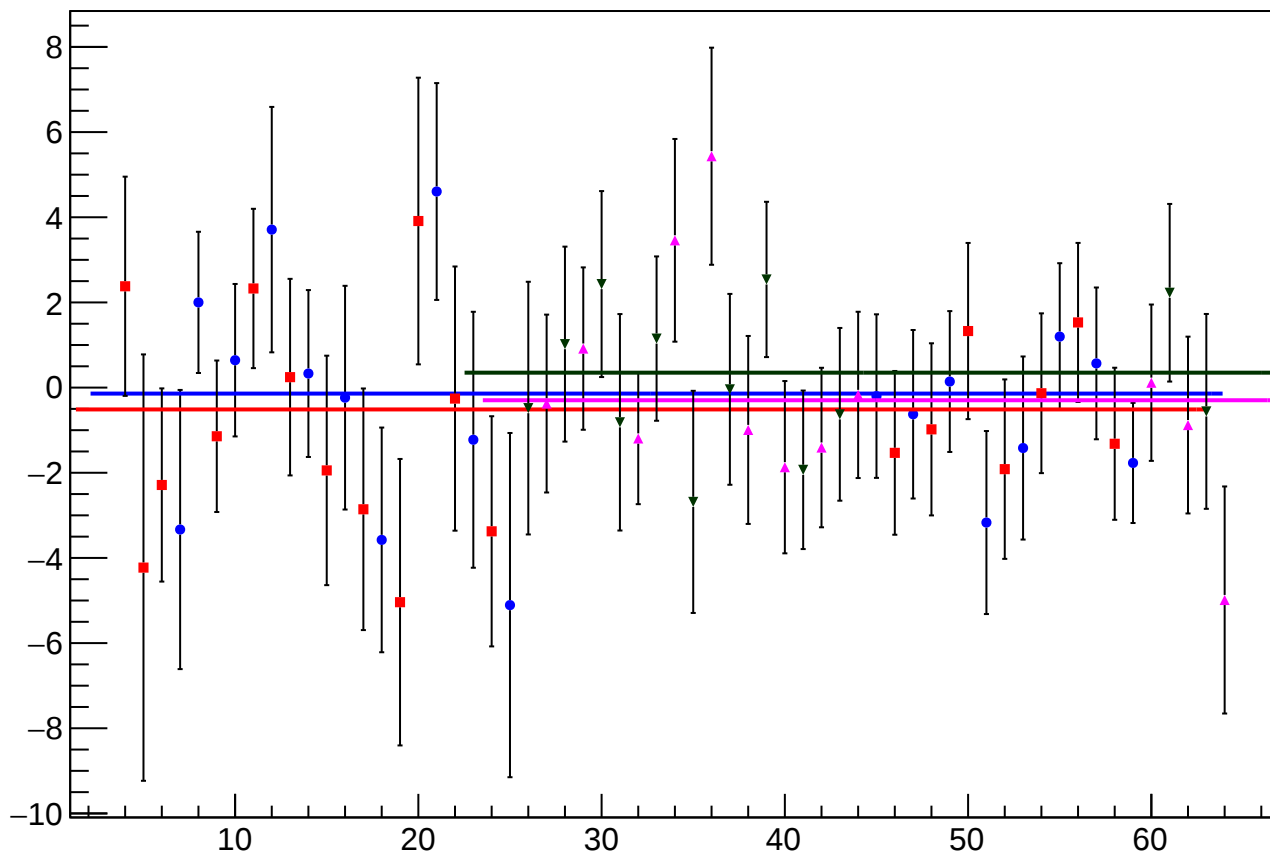
Right Out: 2.101+/-0.002 χ^2/NDF : 6716516.3/18

Left In: 65.277+/-0.028 χ^2/NDF : 1642128.5/11

2.501+/-0.002 χ^2/NDF : 15234028.5/29

2.465+/-0.002 χ^2/NDF : 13394972.6/30

diff_bpm4aX_mean vs slug



Right In: -0.141 ± 0.485 χ^2/NDF : 16.0/17

Left Out: 0.351 ± 0.628 χ^2/NDF : 7.0/11

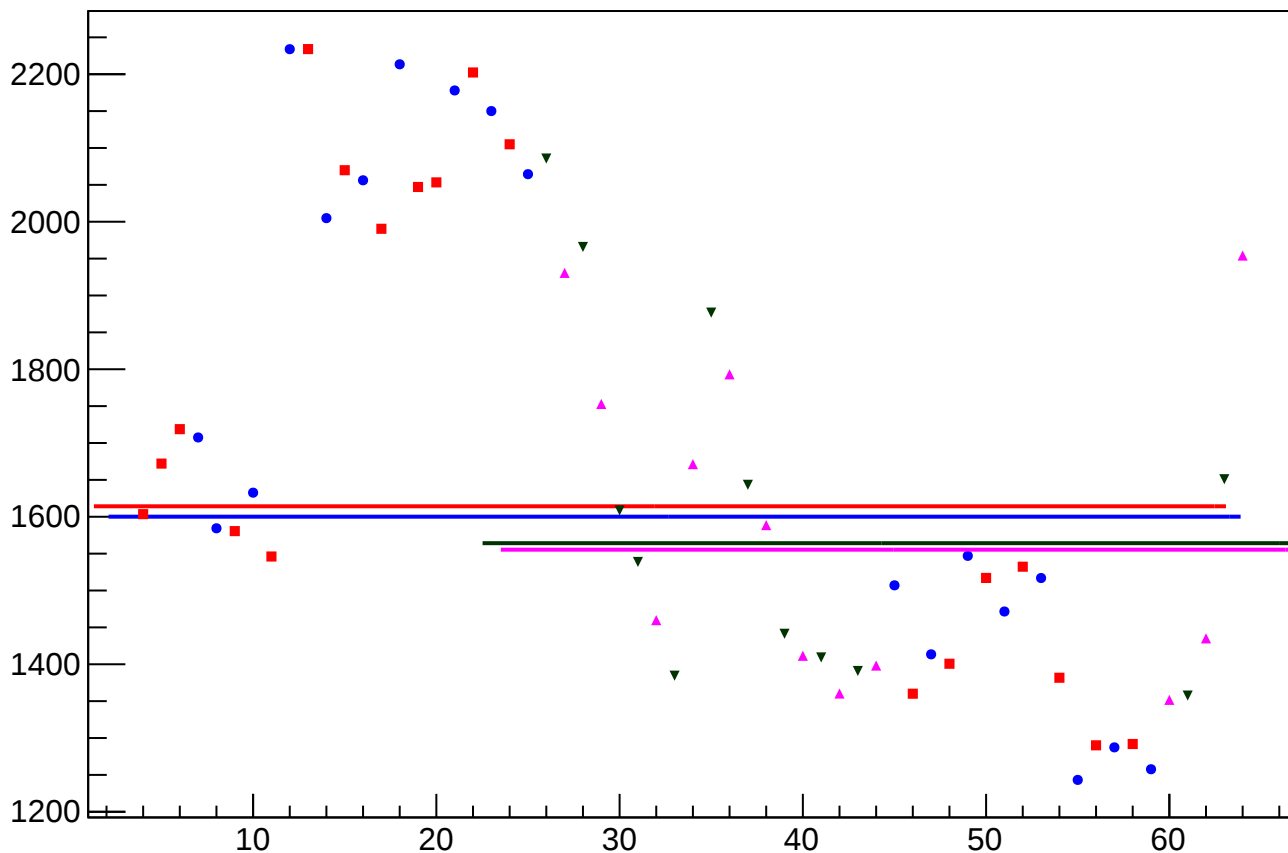
Right Out: -0.513 ± 0.519 χ^2/NDF : 13.6/18

Left In: -0.297 ± 0.585 χ^2/NDF : 12.6/11

0.043 ± 0.384 χ^2/NDF : 23.4/29

-0.418 ± 0.388 χ^2/NDF : 26.3/30

diff_bpm4aX_rms vs slug



Right In: 1600.111 $\pm$ 0.343 χ^2 /NDF: 849754.6/17

Left Out: 1564.173 $\pm$ 0.444 χ^2 /NDF: 232958.1/11

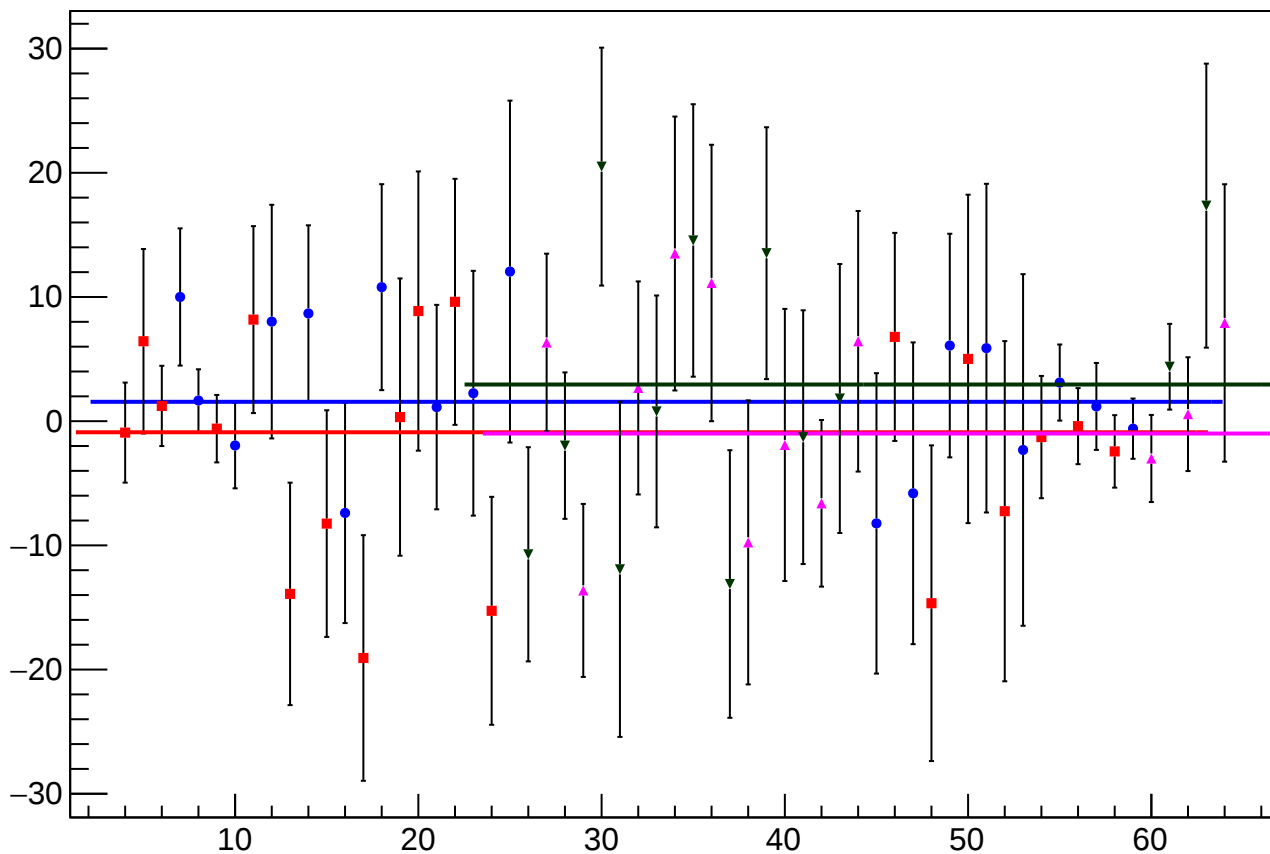
Right Out: 1614.182 $\pm$ 0.367 χ^2 /NDF: 670373.5/18

Left In: 1555.356 $\pm$ 0.414 χ^2 /NDF: 237128.6/11

1586.664 $\pm$ 0.272 χ^2 /NDF: 1086814.0/29

1588.279 $\pm$ 0.275 χ^2 /NDF: 918817.2/30

diff_bpm4aY_mean vs slug



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

Left Out: 2.953 ± 2.201 $\chi^2/\text{NDF}: 14.2/11$

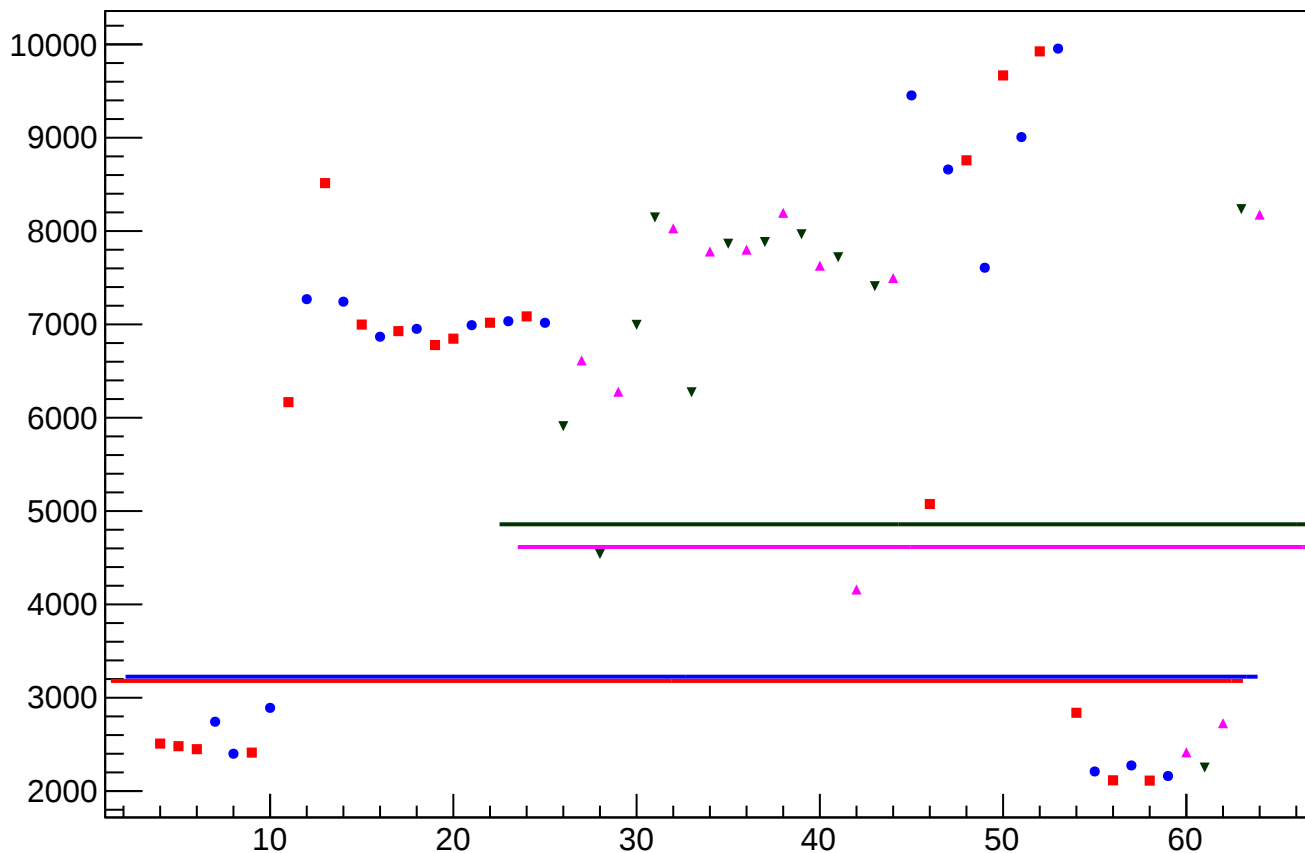
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: -0.995 ± 1.983 $\chi^2/\text{NDF}: 10.3/11$

1.858 ± 1.018 $\chi^2/\text{NDF}: 24.7/29$

-0.919 ± 1.025 $\chi^2/\text{NDF}: 26.4/30$

diff_bpm4aY_rms vs slug



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

Left Out: 4858.189+/-1.556 χ^2/NDF : 2377878.2/11

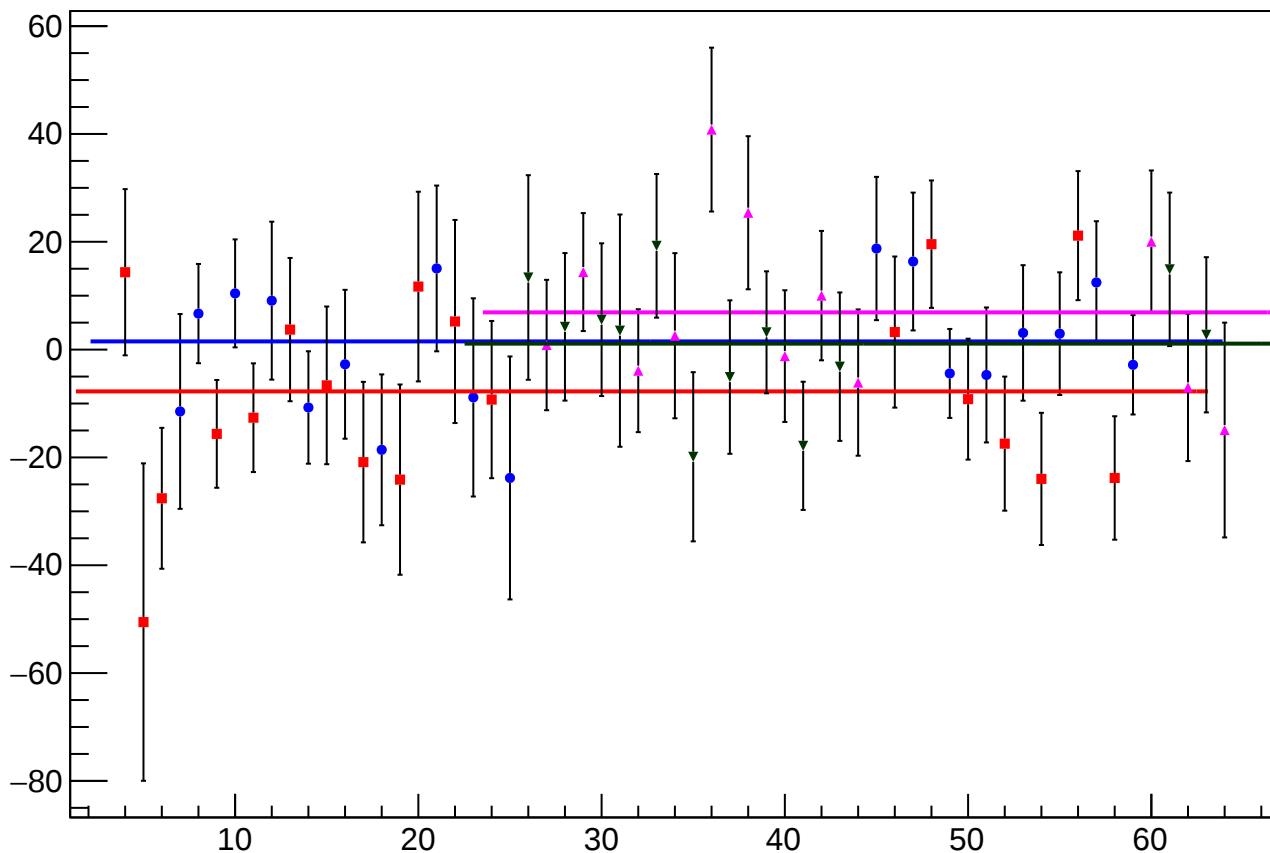
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4614.973+/-1.402 χ^2/NDF : 2752117.8/11

3574.700+/-0.720 χ^2/NDF : 9103808.2/29

3563.178+/-0.725 χ^2/NDF : 8572860.4/30

diff_bpm4eX_mean vs slug



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

Left Out: 1.108 ± 4.089 χ^2/NDF : 8.0/11

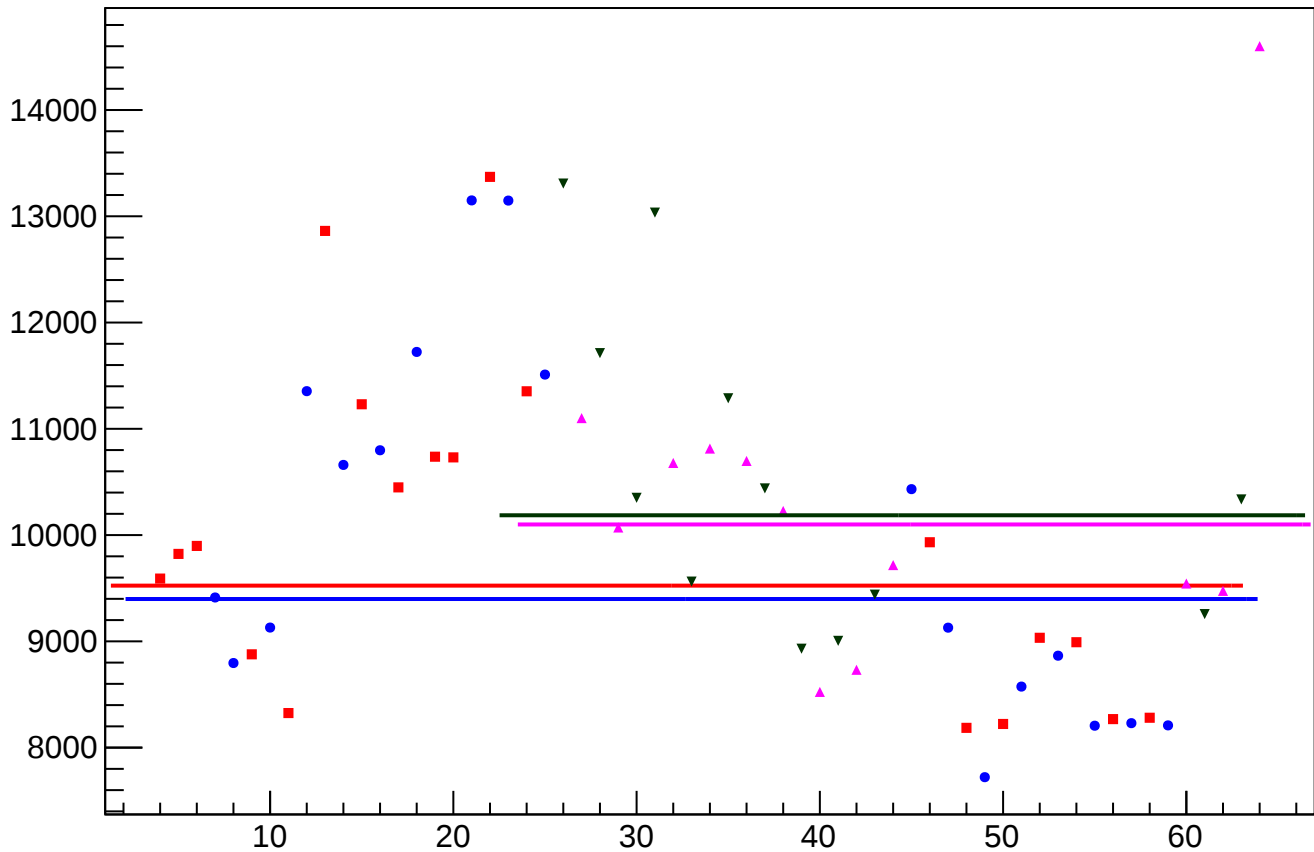
Right Out: -7.752 ± 3.046 χ^2/NDF : 27.5/18

Left In: 6.906 ± 3.803 χ^2/NDF : 13.0/11

1.387 ± 2.328 χ^2/NDF : 20.8/29

-2.025 ± 2.377 χ^2/NDF : 49.6/30

diff_bpm4eX_rms vs slug



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

Left Out: 10186.384+/-2.891 χ^2/NDF :188141.8/11

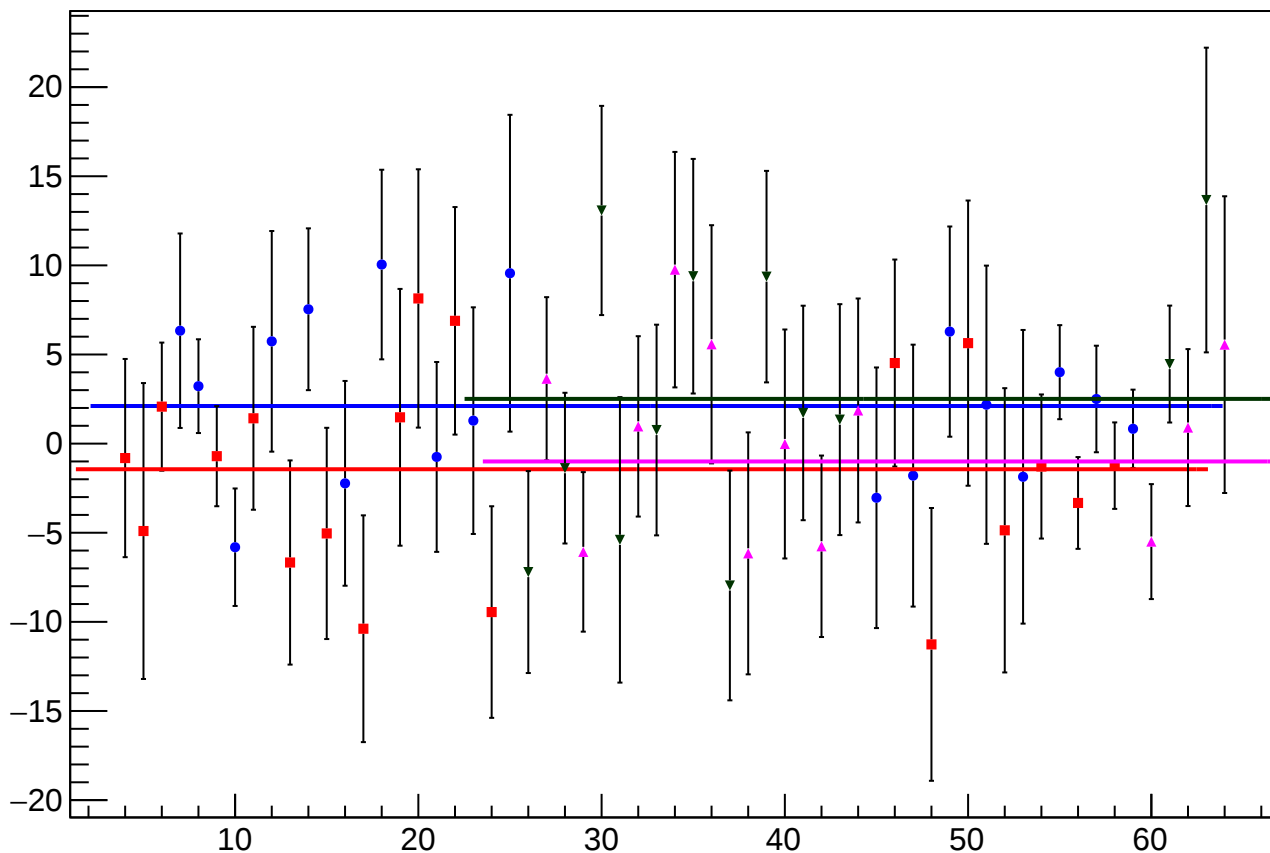
Right Out: 9524.317+/-2.154 χ^2/NDF : 440161.2/18

Left In: 10099.888+/-2.689 χ^2/NDF :197132.6/11

9653.887+/-1.646 χ^2/NDF : 793213.5/29

9749.201+/-1.681 χ^2/NDF : 665202.3/30

diff_bpm4eY_mean vs slug



Right In: 2.110 $\pm$ 0.979 χ^2 /NDF: 14.5/17

Left Out: 2.510 $\pm$ 1.593 χ^2 /NDF:15.3/11

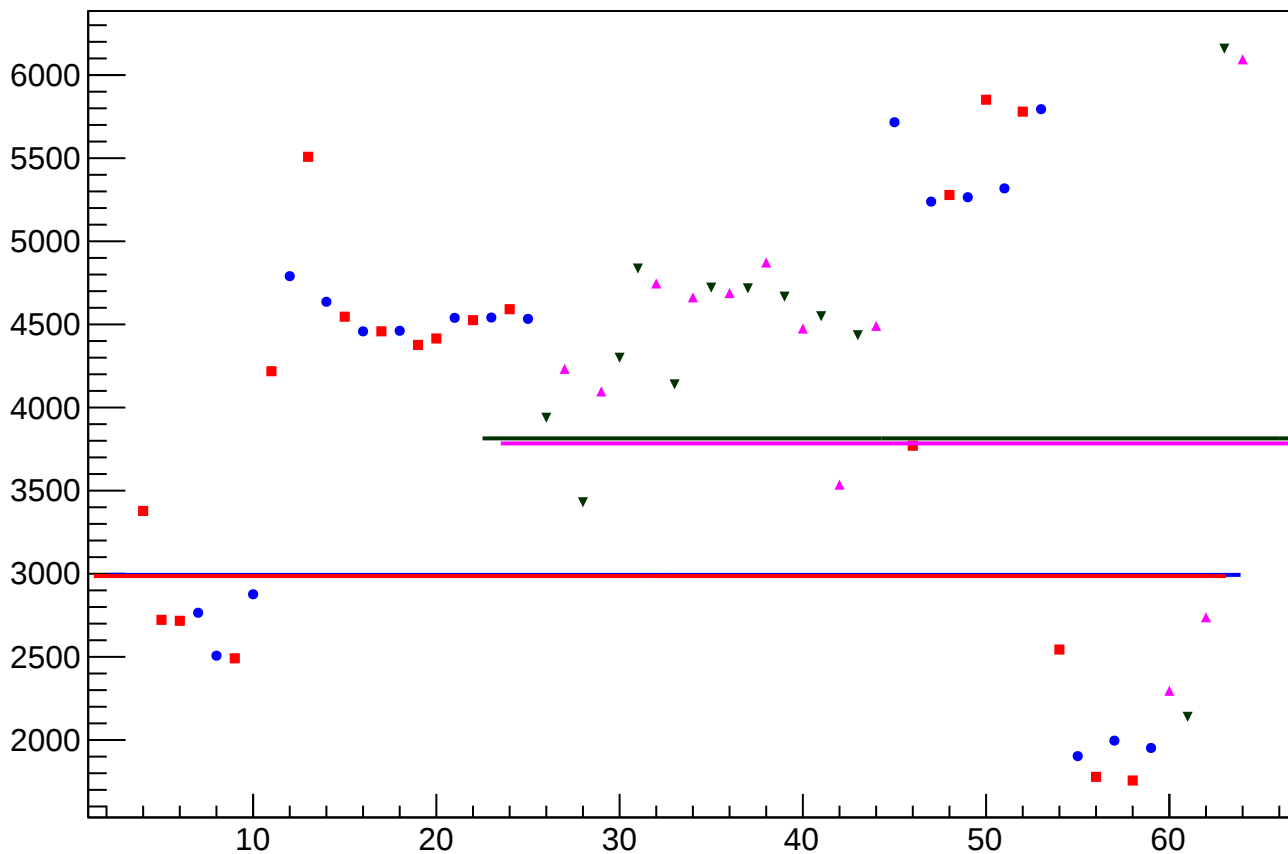
Right Out: -1.438 $\pm$ 1.040 χ^2 /NDF: 14.4/18

Left In: -1.001 $\pm$ 1.484 χ^2 /NDF:10.5/11

2.219 $\pm$ 0.834 χ^2 /NDF: 29.8/29

-1.294 $\pm$ 0.852 χ^2 /NDF: 24.9/30

diff_bpm4eY_rms vs slug



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

Left Out: 3814.441 $\pm$ 1.126 χ^2 /NDF:908598.4/11

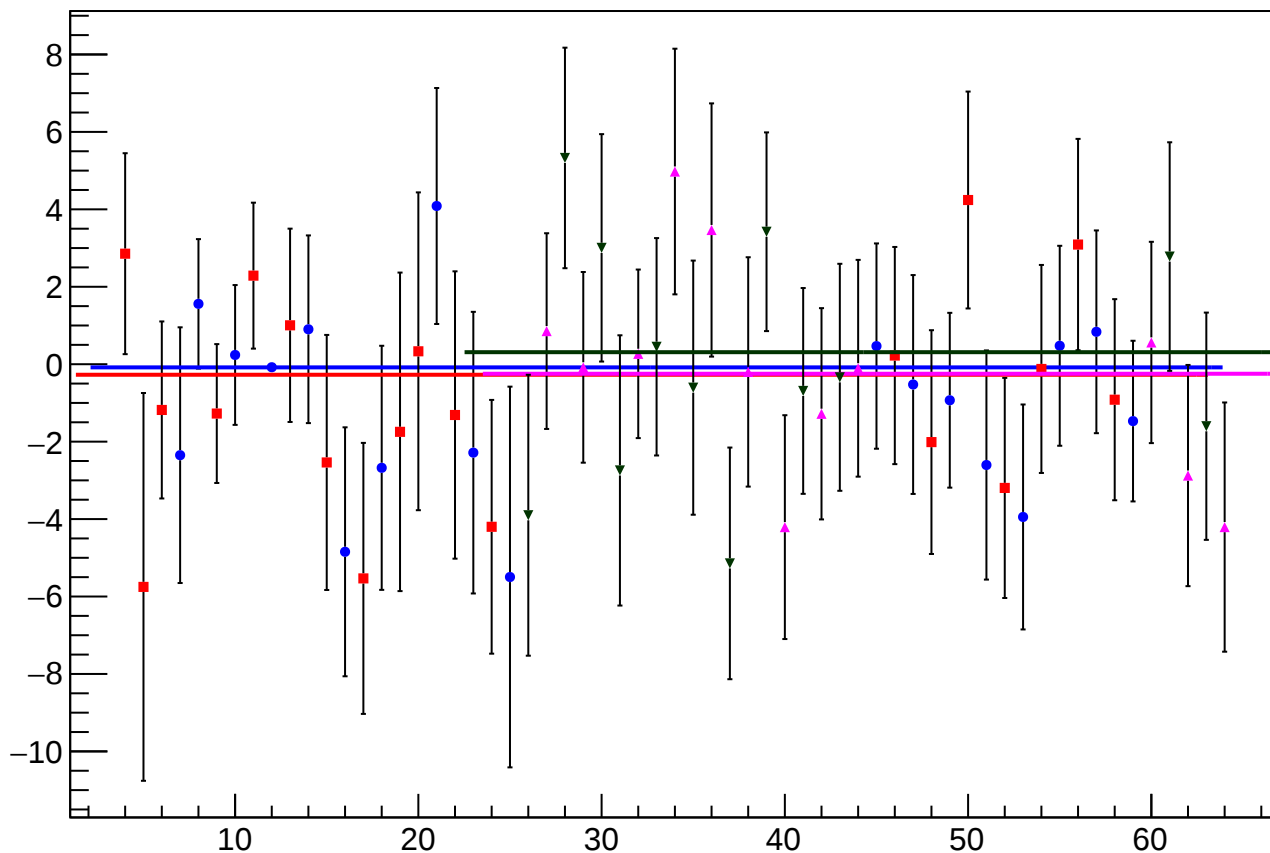
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 3784.149 $\pm$ 1.049 χ^2 /NDF:970929.1/11

3218.391 $\pm$ 0.590 χ^2 /NDF: 4612490.9/29

3249.055 $\pm$ 0.602 χ^2 /NDF: 4304377.1/30

diff_bpm4acX_mean vs slug



Right In: -0.082 ± 0.060 $\chi^2/\text{NDF}: 11.3/17$

Left Out: 0.311 ± 0.855 $\chi^2/\text{NDF}: 12.2/11$

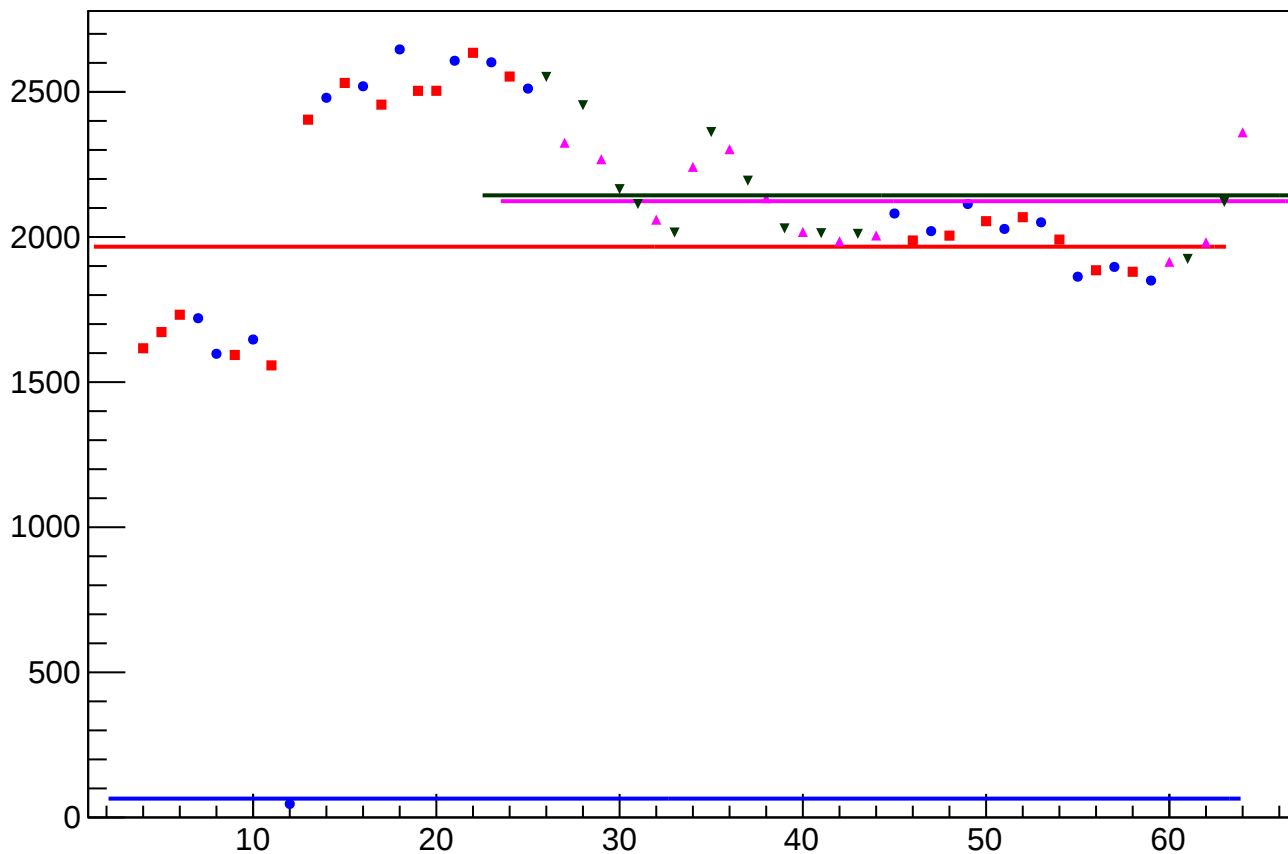
Right Out: -0.272 ± 0.631 $\chi^2/\text{NDF}: 15.3/18$

Left In: -0.246 ± 0.794 $\chi^2/\text{NDF}: 8.7/11$

-0.080 ± 0.060 $\chi^2/\text{NDF}: 23.7/29$

-0.262 ± 0.494 $\chi^2/\text{NDF}: 24.0/30$

diff_bpm4acX_rms vs slug



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

Left Out: 2143.552+/-0.604 χ^2/NDF : 86875.9/11

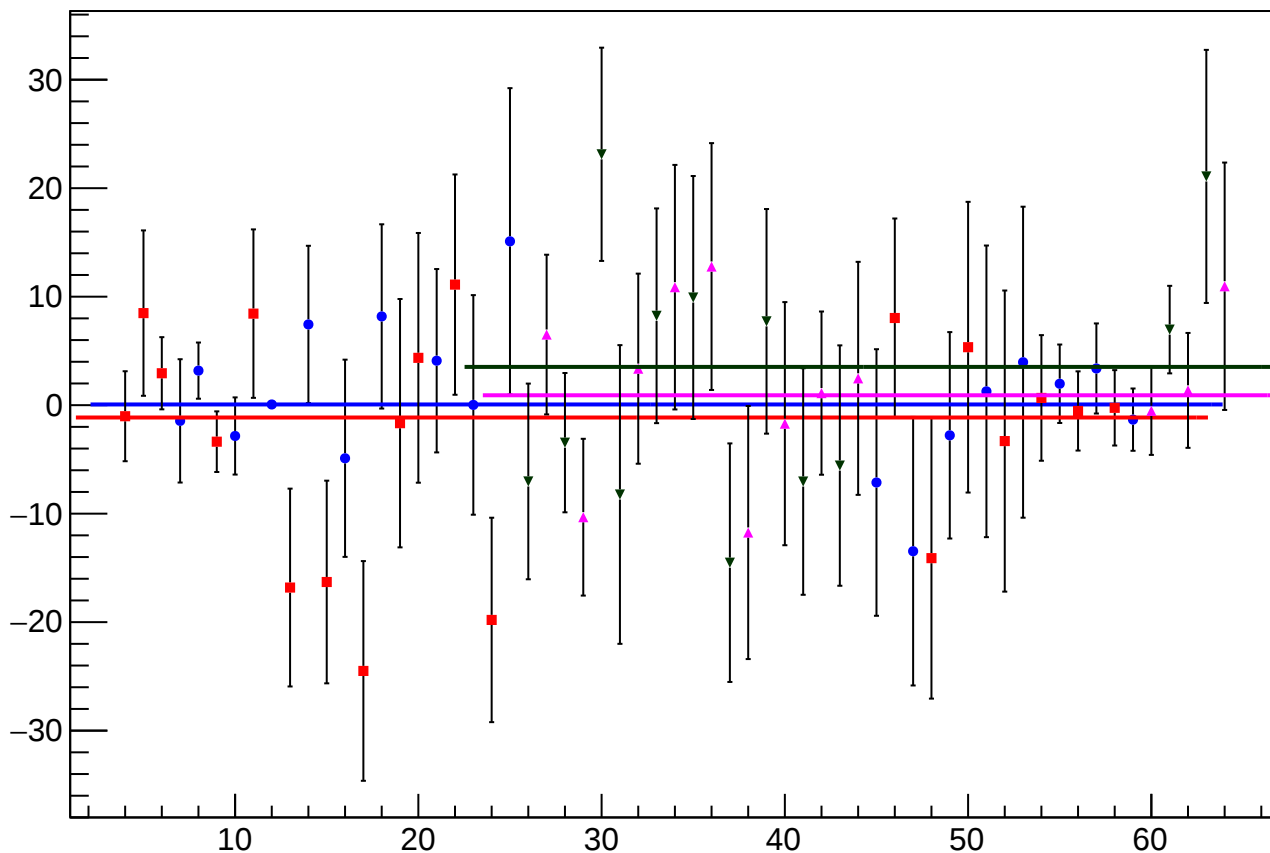
Right Out: 1966.634+/-0.446 χ^2/NDF : 610680.3/18

Left In: 2123.494+/-0.561 χ^2/NDF : 70206.7/11

75.126+/-0.042 χ^2/NDF : 32121241.8/29

2027.422+/-0.349 χ^2/NDF : 728750.5/30

diff_bpm4acY_mean vs slug



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

Left Out: 3.527 ± 2.397 χ^2/NDF : 15.4/11

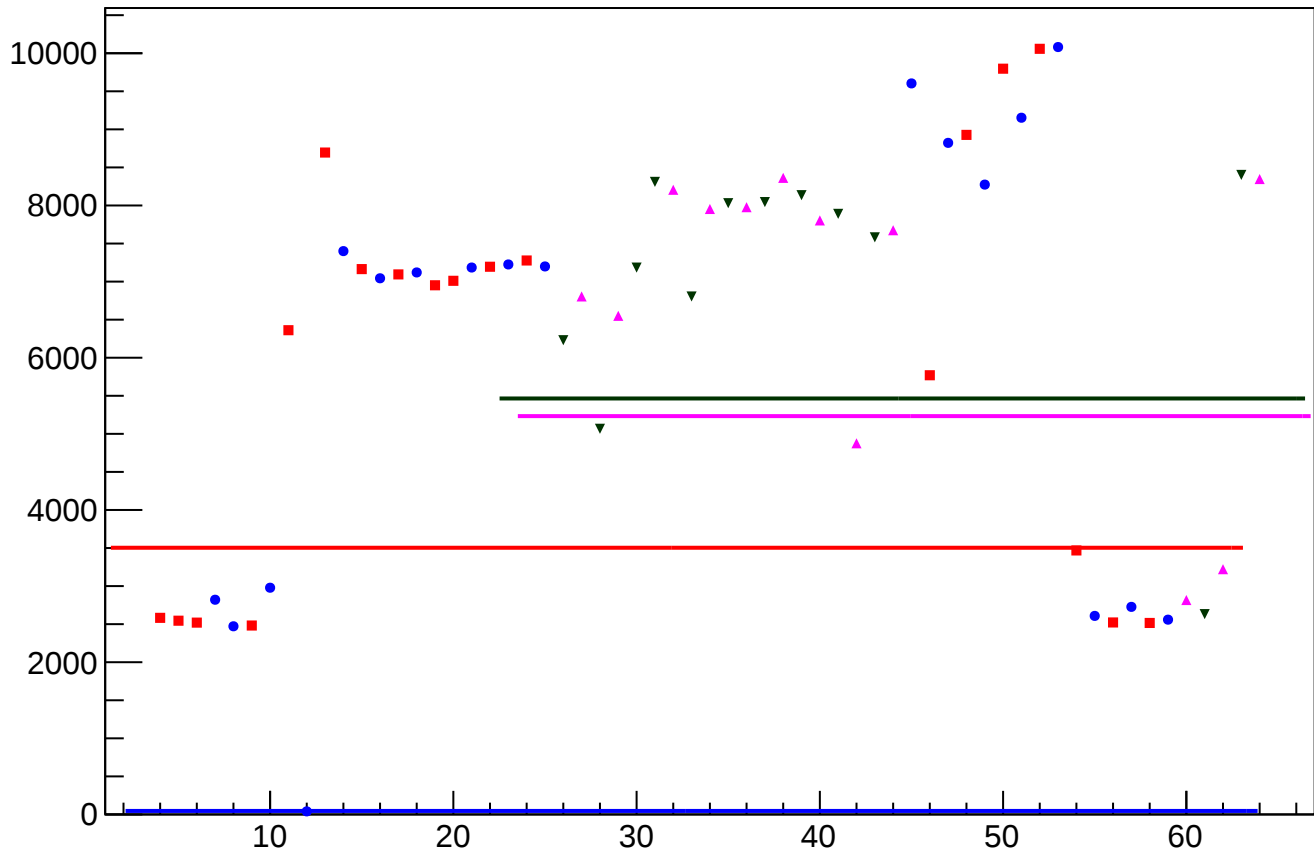
Right Out: -1.137 ± 1.295 χ^2/NDF : 24.2/18

Left In: 0.912 ± 2.173 χ^2/NDF : 7.1/11

0.067 ± 0.052 χ^2/NDF : 26.1/29

-0.600 ± 1.113 χ^2/NDF : 32.0/30

diff_bpm4acY_rms vs slug



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

Left Out: 5464.620+/-1.695 χ^2/NDF :1847516.9/11

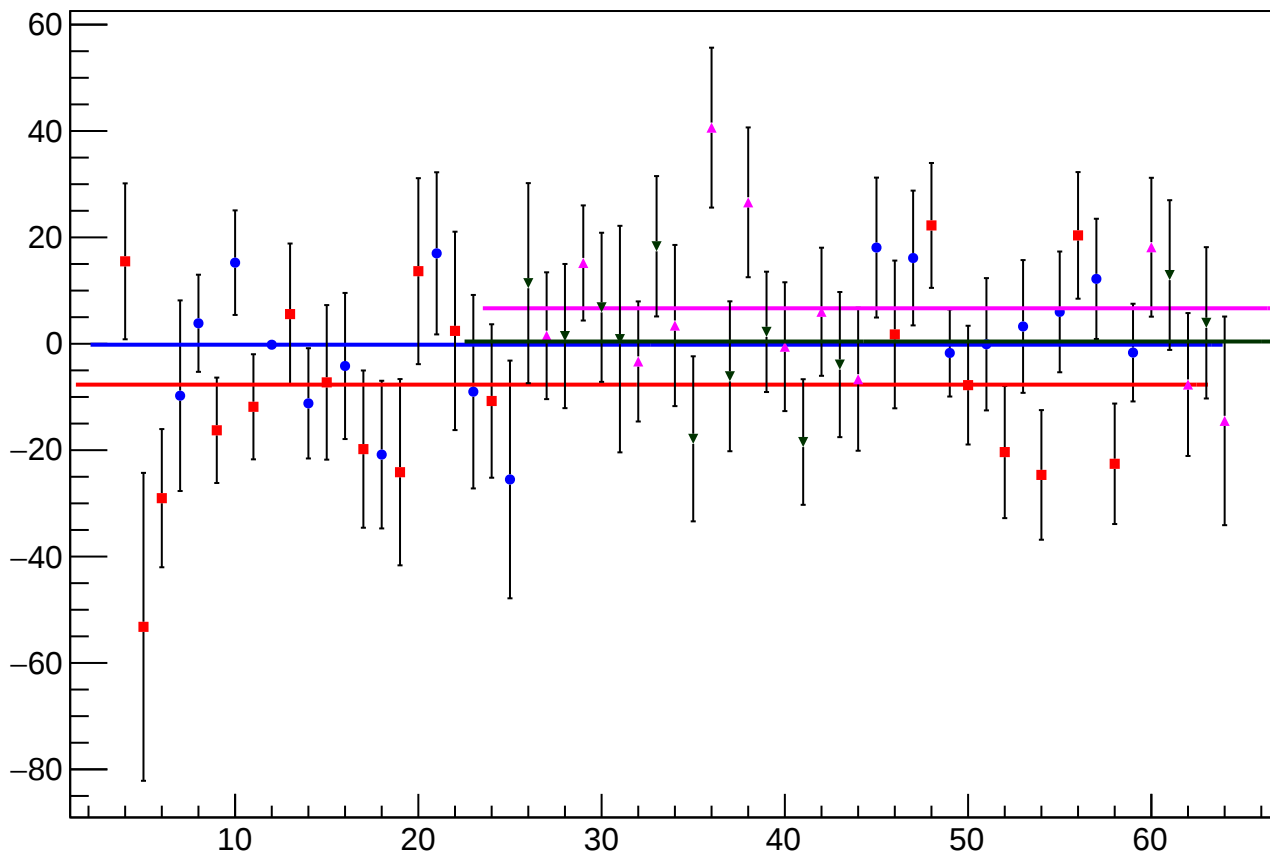
48.814+/-0.037 χ^2/NDF : 32241284.1/29

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

3957.023+/-0.787 χ^2/NDF : 7726793.1/30

Left In: 5232.904+/-1.537 χ^2/NDF :2122630.5/11

diff_bpm4ecX_mean vs slug



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

Left Out: 0.427 ± 4.054 χ^2/NDF : 7.5/11

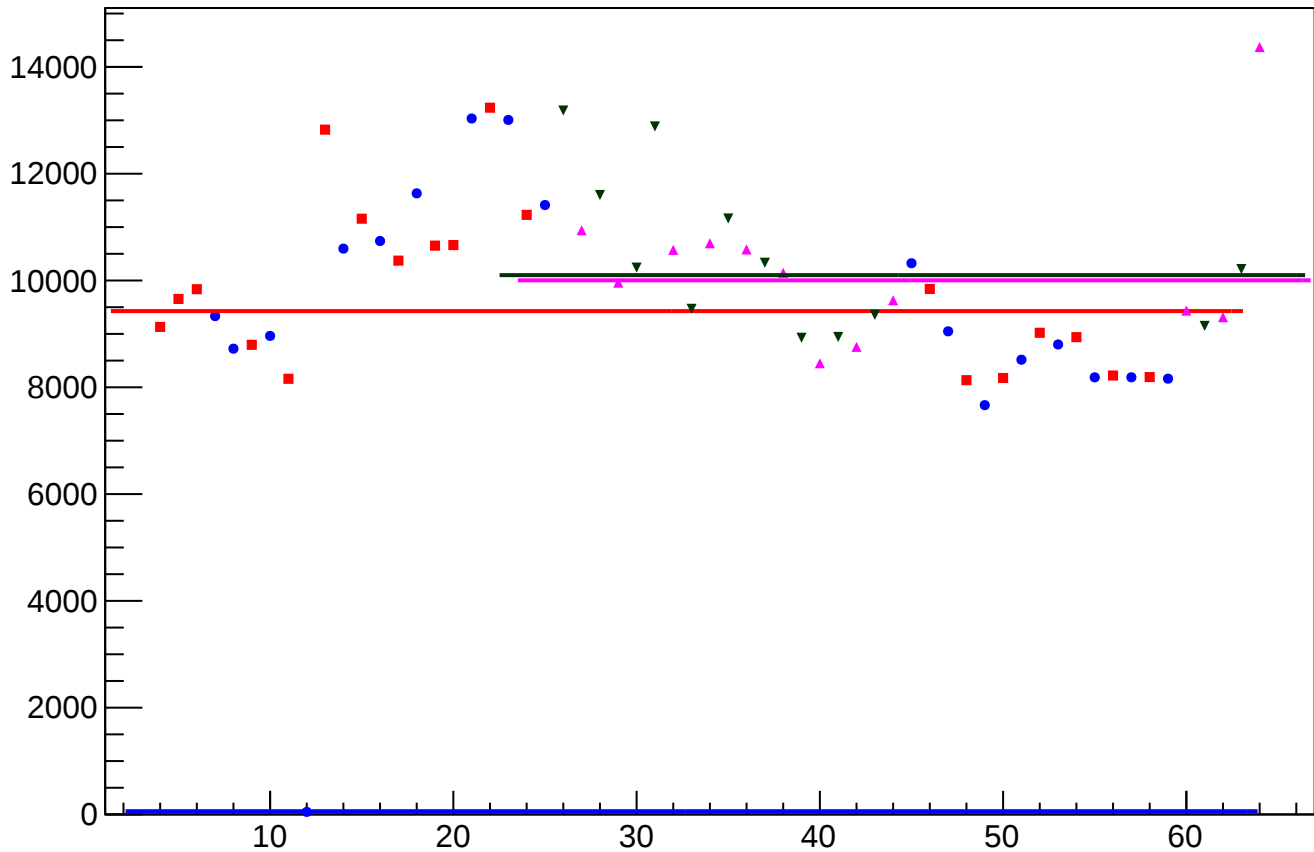
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 6.673 ± 3.766 χ^2/NDF : 13.2/11

-0.173 ± 0.106 χ^2/NDF : 21.9/29

-2.072 ± 2.354 χ^2/NDF : 52.2/30

diff_bpm4ecX_rms vs slug



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

Left Out: 10100.375+/-2.866 χ^2/NDF : 183104.5/11

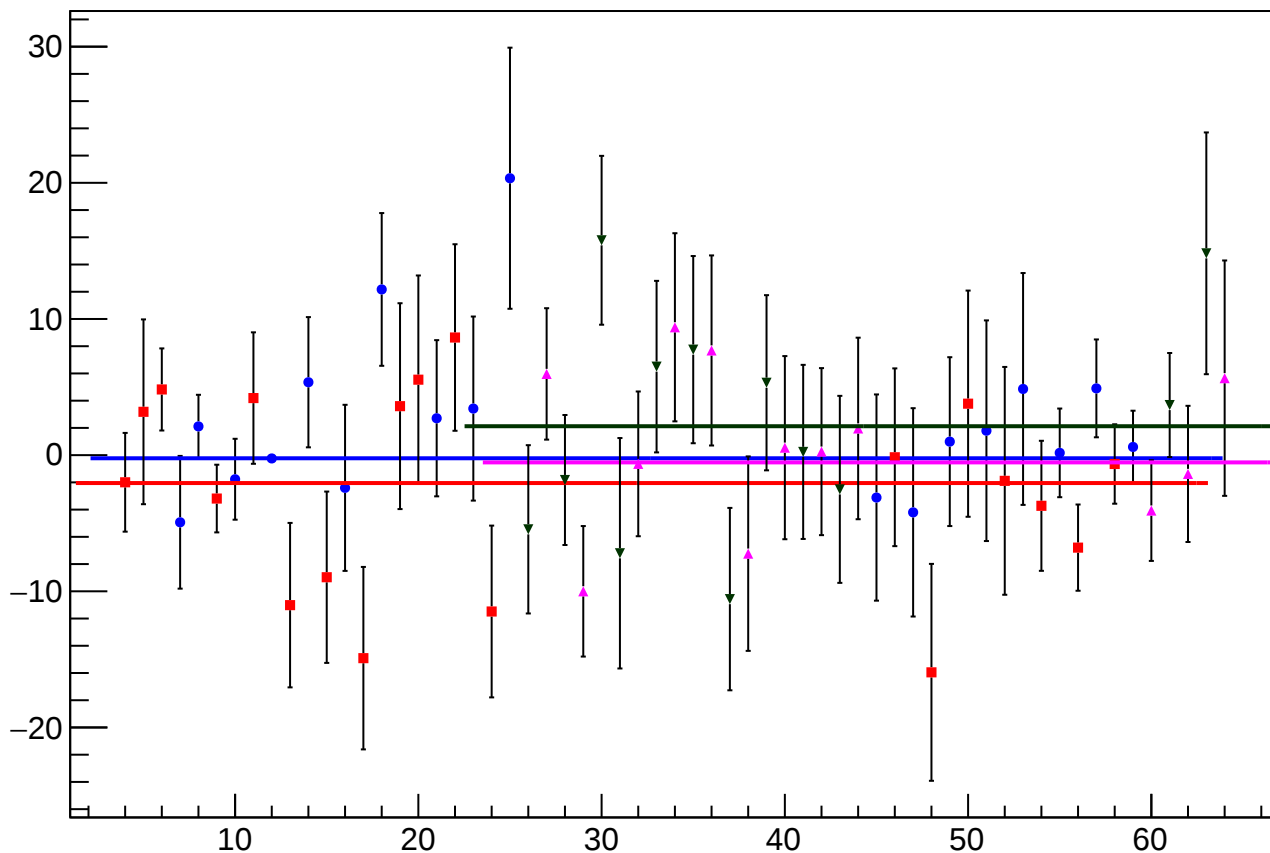
Right Out: 9427.549+/-2.132 χ^2/NDF : 447350.4/18

Left In: 10003.147+/-2.663 χ^2/NDF : 189076.0/11

67.661+/-0.075 χ^2/NDF : 33565314.7/29

9652.429+/-1.664 χ^2/NDF : 664896.5/30

diff_bpm4ecY_mean vs slug



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

Left Out: 2.124 ± 1.742 χ^2/NDF : 16.0/11

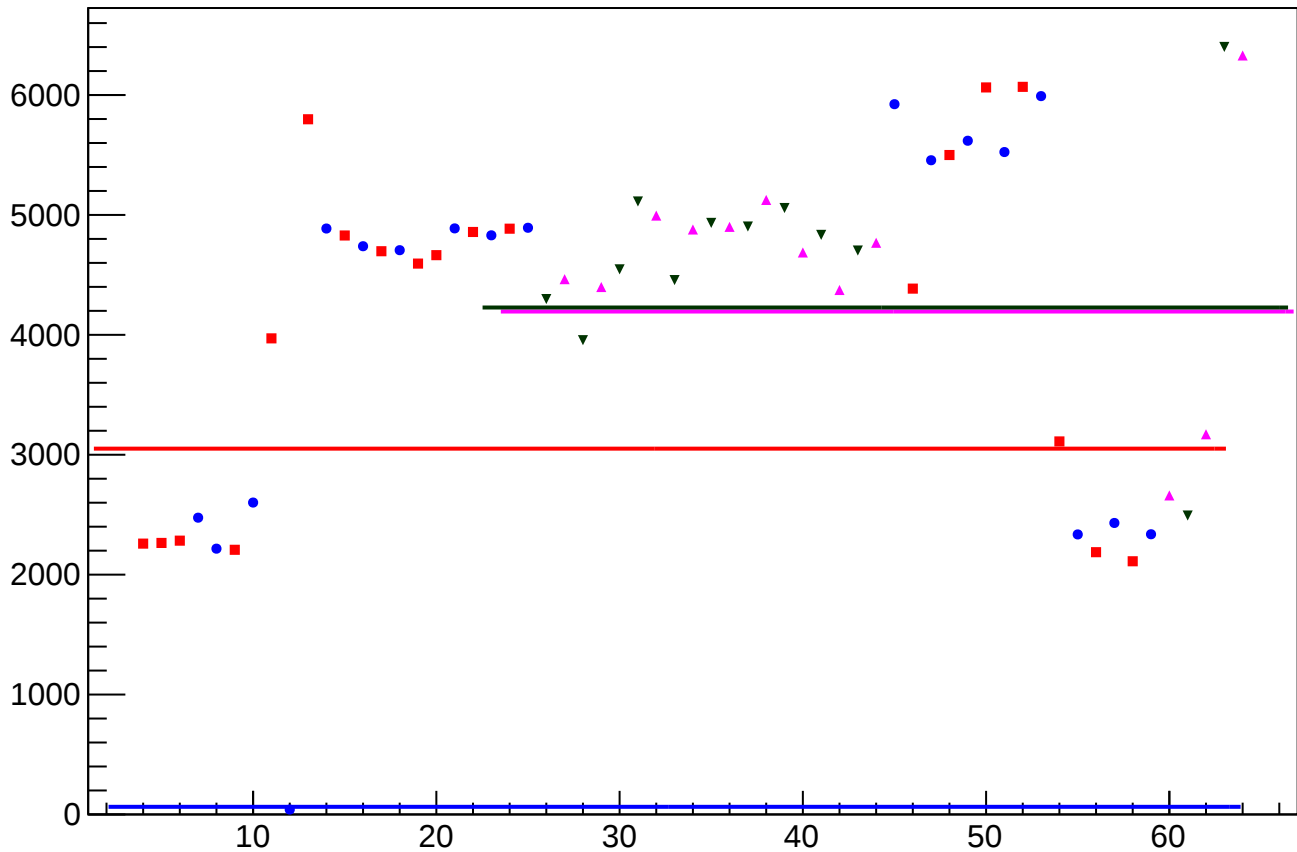
Right Out: -2.049 ± 1.055 χ^2/NDF : 27.2/18

Left In: -0.533 ± 1.621 χ^2/NDF : 11.7/11

-0.224 ± 0.090 χ^2/NDF : 34.6/29

-1.598 ± 0.884 χ^2/NDF : 39.5/30

diff_bpm4ecY_rms vs slug



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

Left Out: 4227.955+/-1.232 χ^2 /NDF:670778.2/11

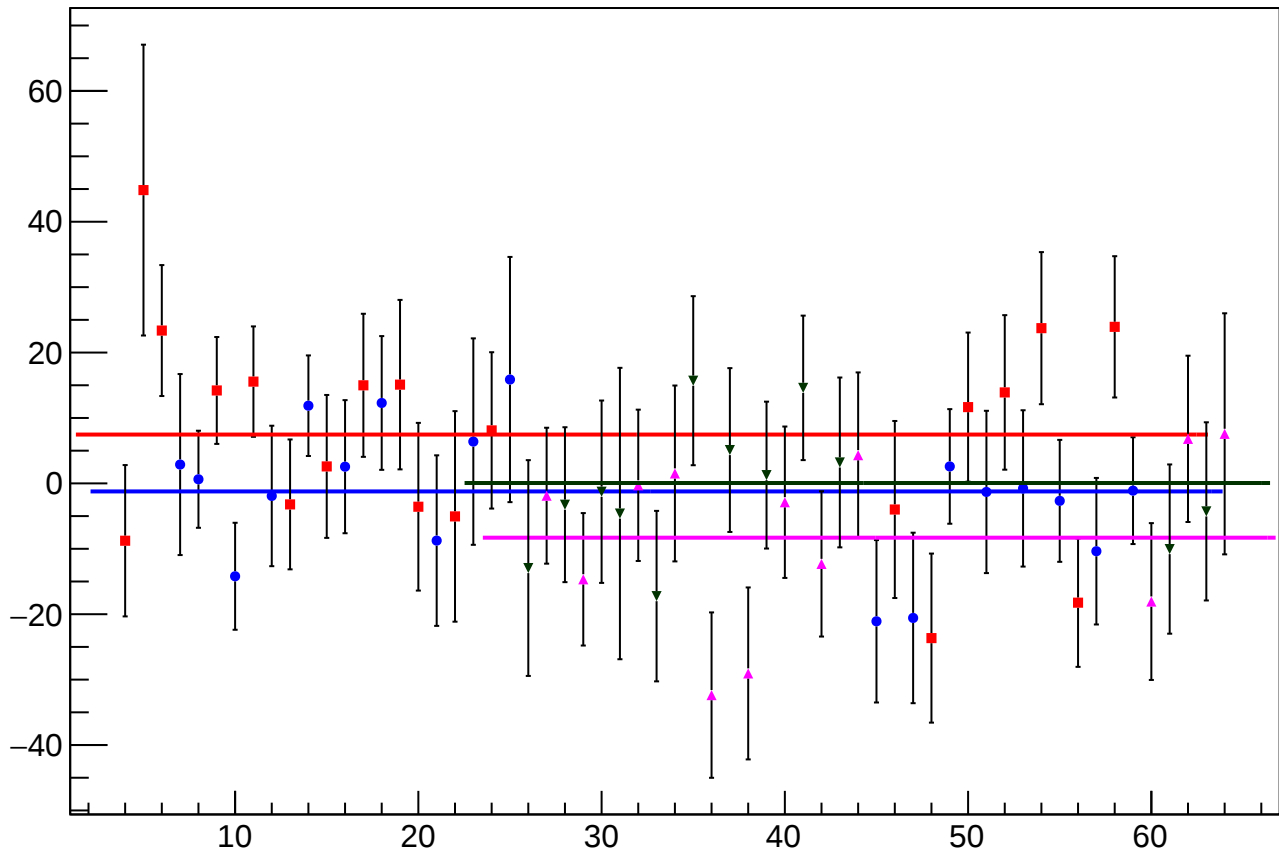
74.753+/-0.063 χ^2 /NDF: 32342977.2/29

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

3391.348+/-0.625 χ^2 /NDF: 4287506.9/30

Left In: 4194.410+/-1.146 χ^2 /NDF:706301.9/11

diff_bpm1X_mean vs slug



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

Left Out: 0.059 ± 3.789 χ^2/NDF : 6.7/11

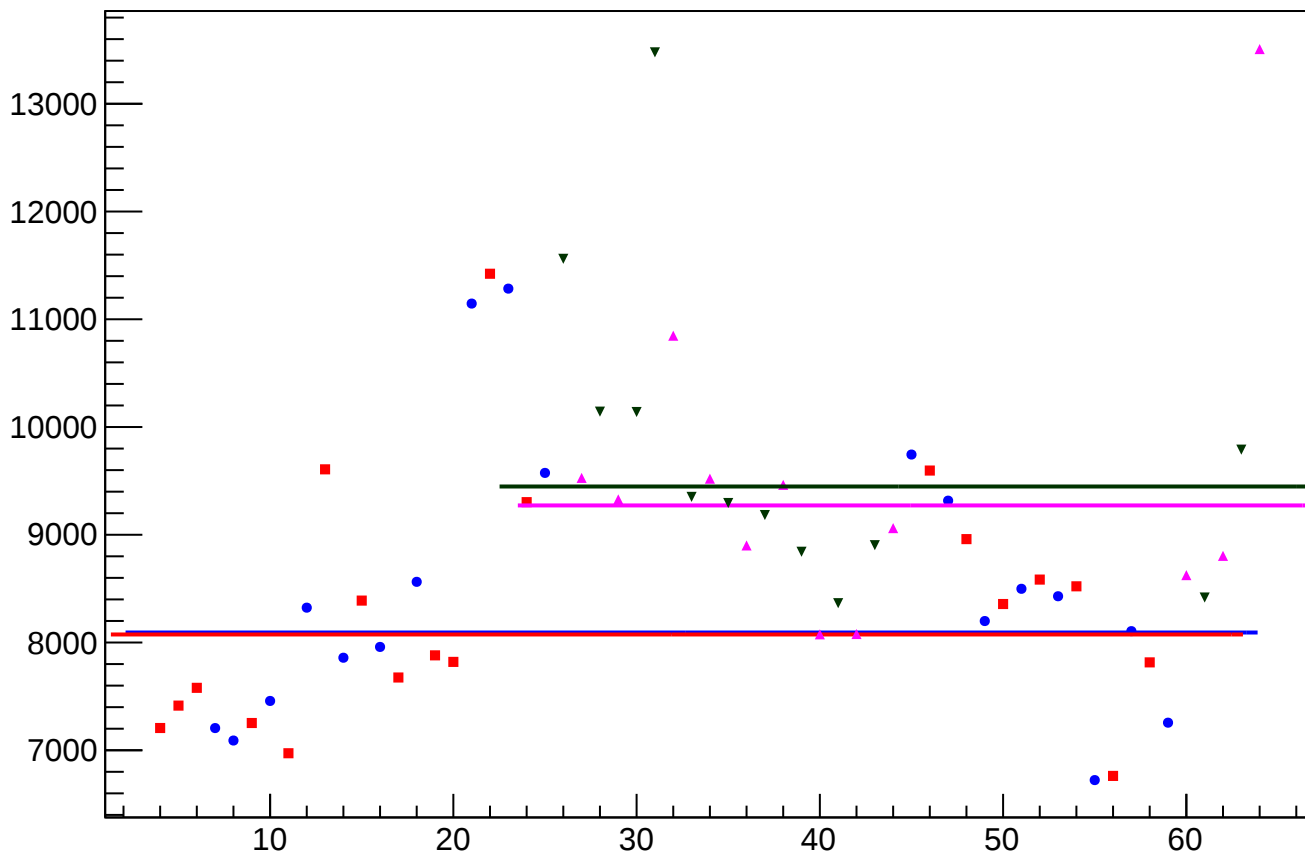
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -8.302 ± 3.492 χ^2/NDF : 12.1/11

-0.853 ± 2.046 χ^2/NDF : 21.2/29

1.916 ± 2.072 χ^2/NDF : 55.8/30

diff_bpm1X_rms vs slug



Right In: 8092.852 $\pm$ 1.719 χ^2 /NDF: 389353.1/17

Left Out: 9448.007 $\pm$ 2.679 χ^2 /NDF:153879.1/11

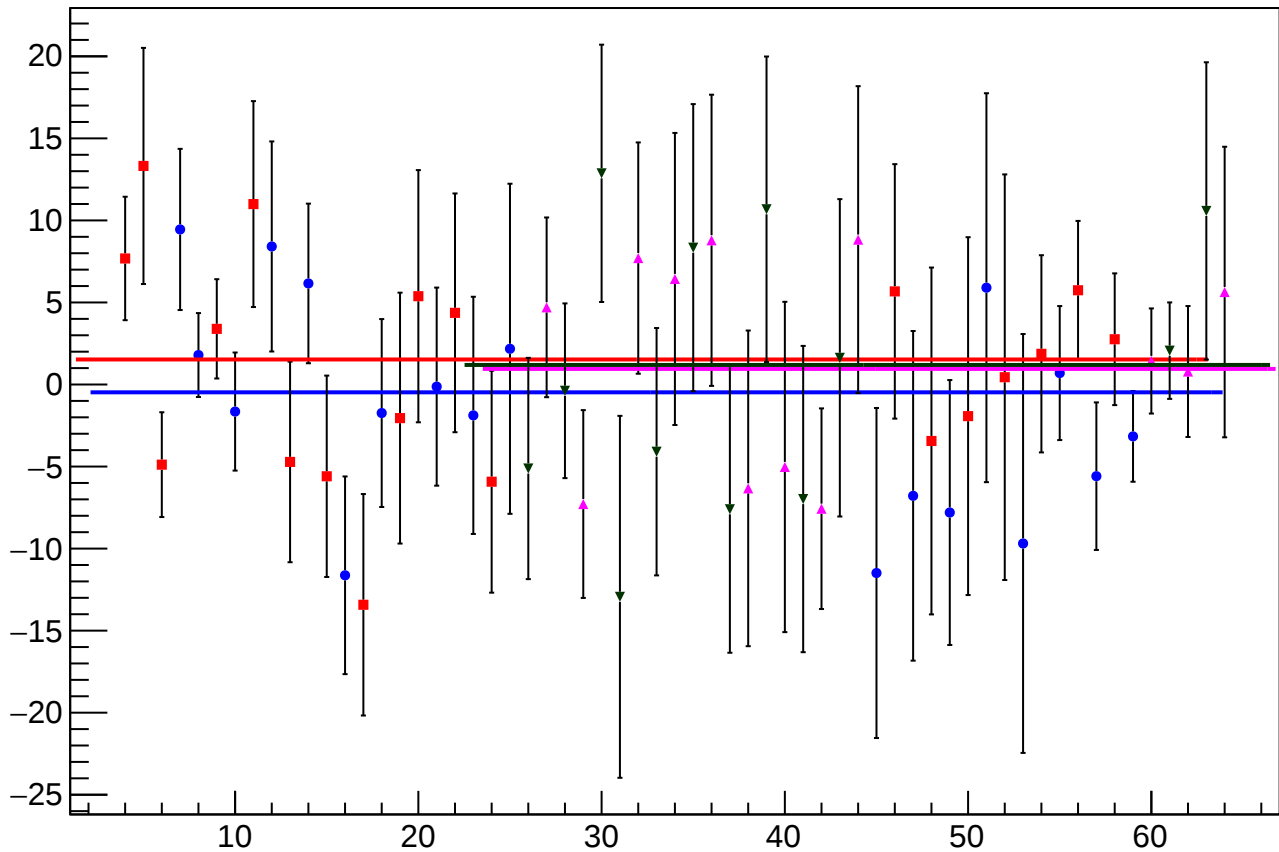
Right Out: 8074.654 $\pm$ 1.820 χ^2 /NDF: 312658.9/18

Left In: 9272.277 $\pm$ 2.469 χ^2 /NDF:200422.6/11

8487.878 $\pm$ 1.447 χ^2 /NDF: 724482.2/29

8496.188 $\pm$ 1.465 χ^2 /NDF: 665494.5/30

diff_bpm1Y_mean vs slug



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

Left Out: 1.193 ± 1.866 χ^2/NDF : 10.0/11

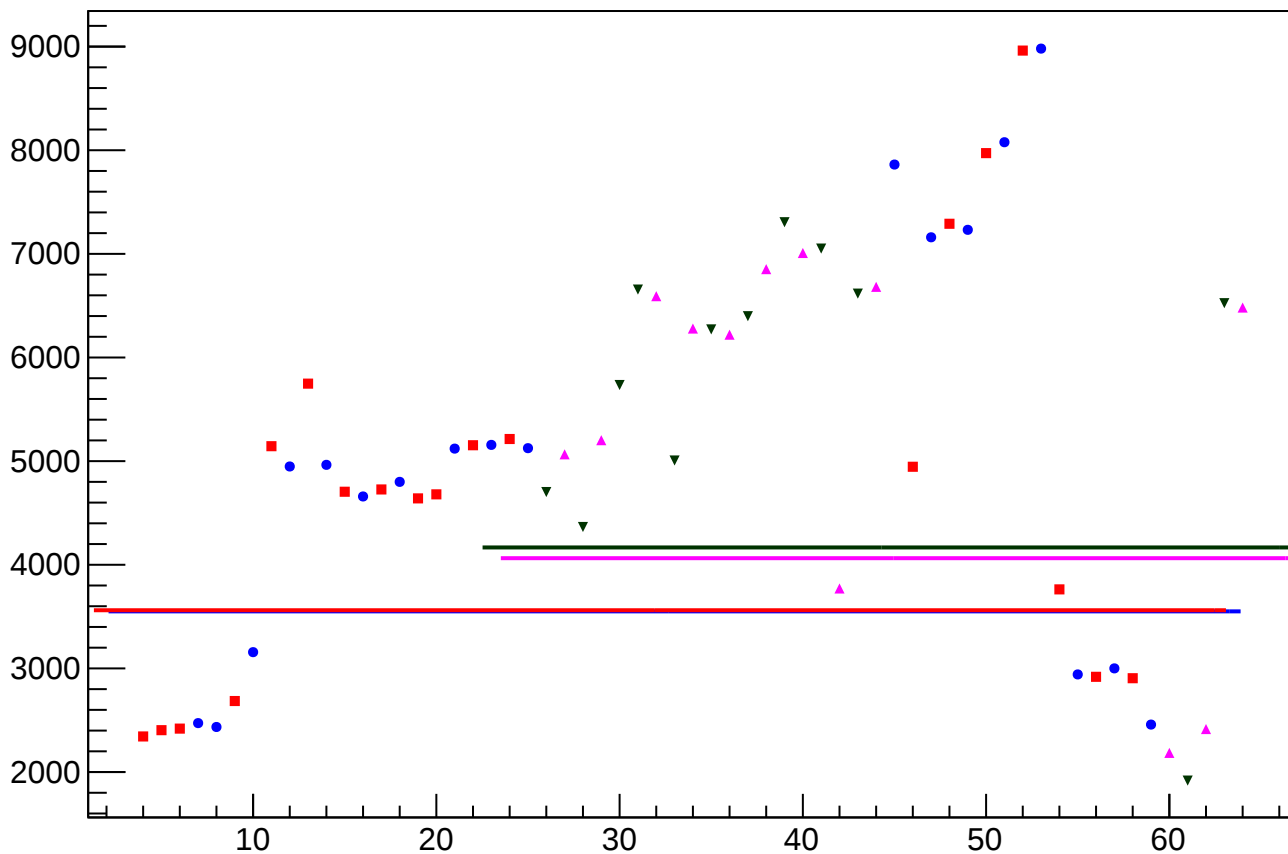
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: 0.950 ± 1.712 χ^2/NDF : 8.5/11

-0.010 ± 0.986 χ^2/NDF : 28.4/29

1.329 ± 1.000 χ^2/NDF : 31.5/30

diff_bpm1Y_rms vs slug



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

Left Out: 4167.168+/-1.320 χ^2/NDF : 2321062.3/11

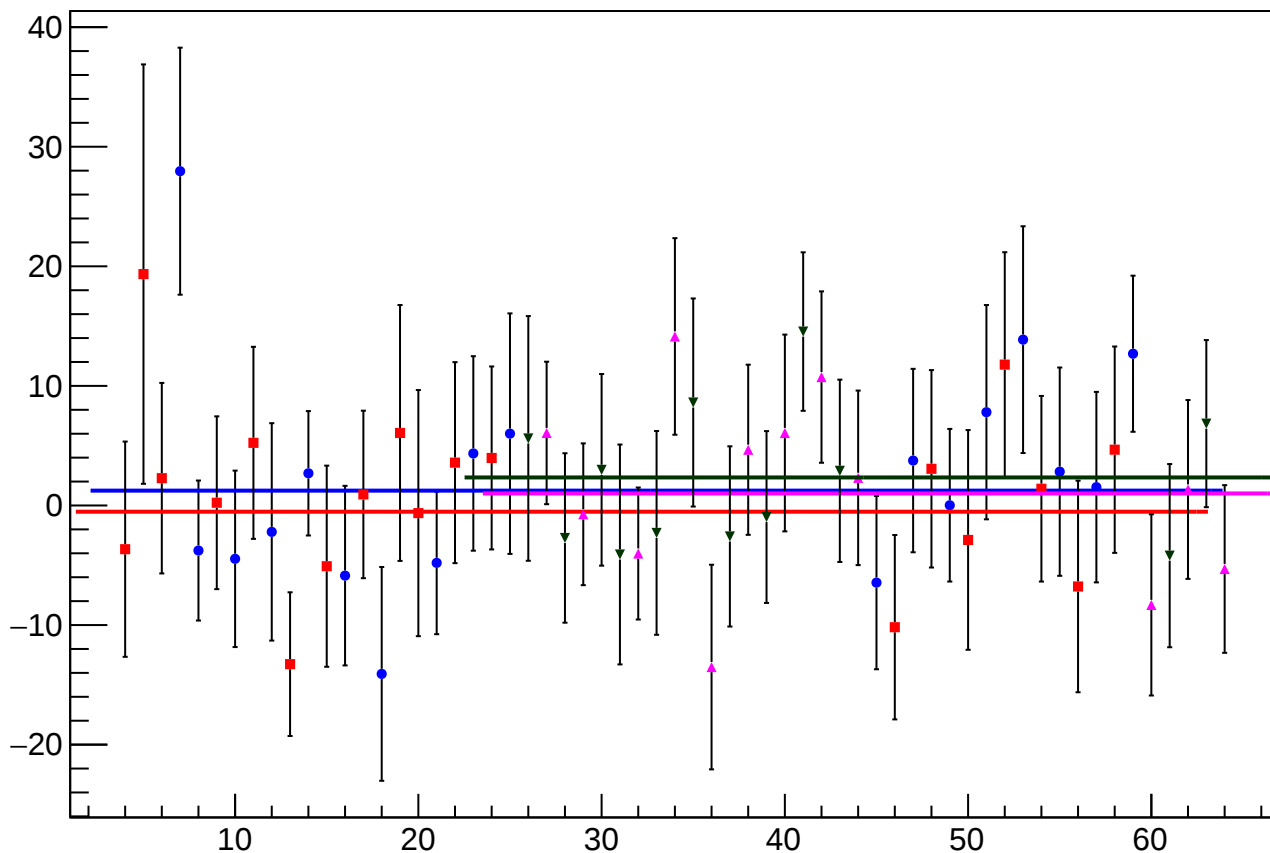
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 4063.577+/-1.211 χ^2/NDF : 2324872.7/11

3722.568+/-0.697 χ^2/NDF : 5772519.9/29

3732.595+/-0.707 χ^2/NDF : 5056563.2/30

diff_bpm11X_mean vs slug



Right In: 1.242 ± 1.752 $\chi^2/\text{NDF}: 20.2/17$

Left Out: 2.344 ± 2.245 $\chi^2/\text{NDF}: 7.1/11$

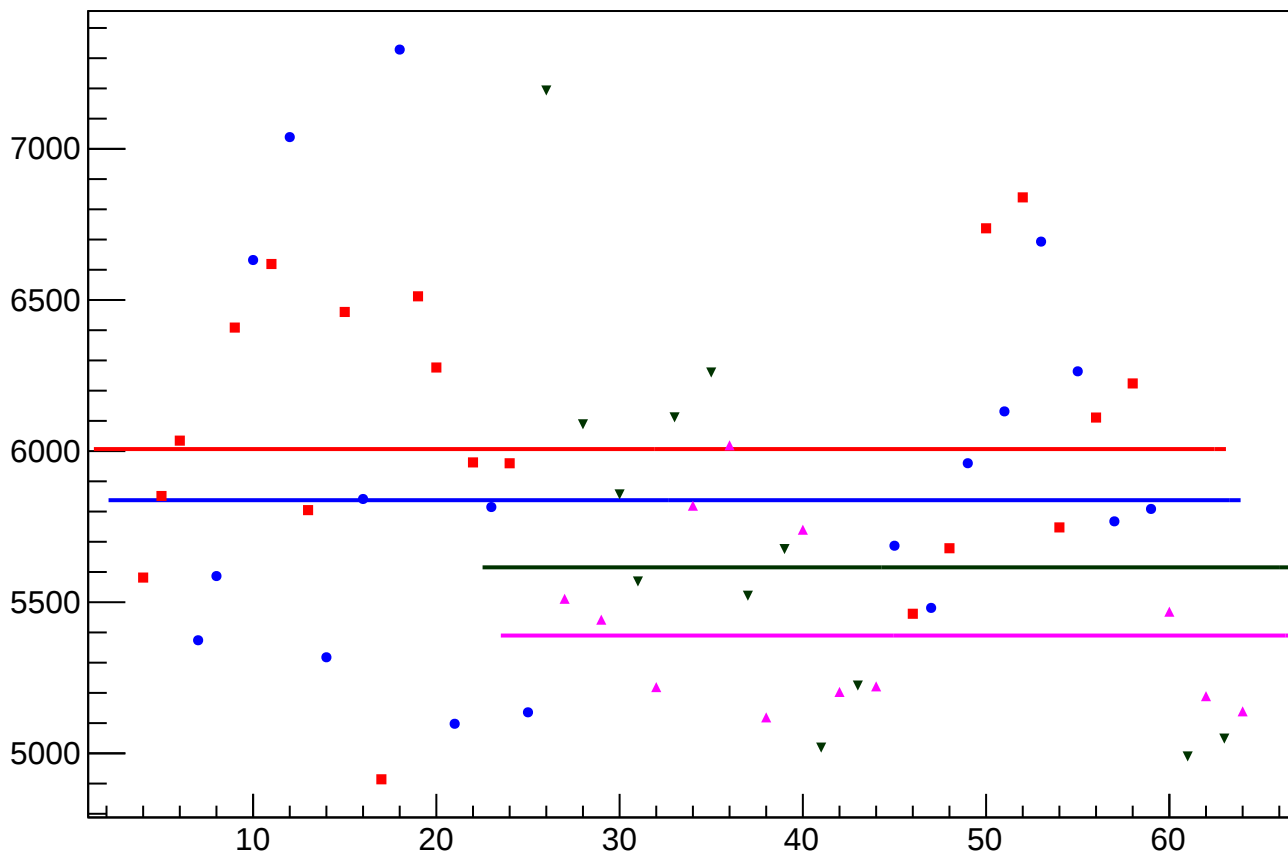
Right Out: -0.521 ± 1.907 $\chi^2/\text{NDF}: 12.3/18$

Left In: 1.006 ± 2.015 $\chi^2/\text{NDF}: 11.9/11$

1.659 ± 1.381 $\chi^2/\text{NDF}: 27.4/29$

0.200 ± 1.385 $\chi^2/\text{NDF}: 24.5/30$

diff_bpm11X_rms vs slug



Right In: 5837.587+/-1.239 χ^2/NDF : 211311.8/17

Left Out: 5615.404+/-1.588 χ^2/NDF :124537.0/11

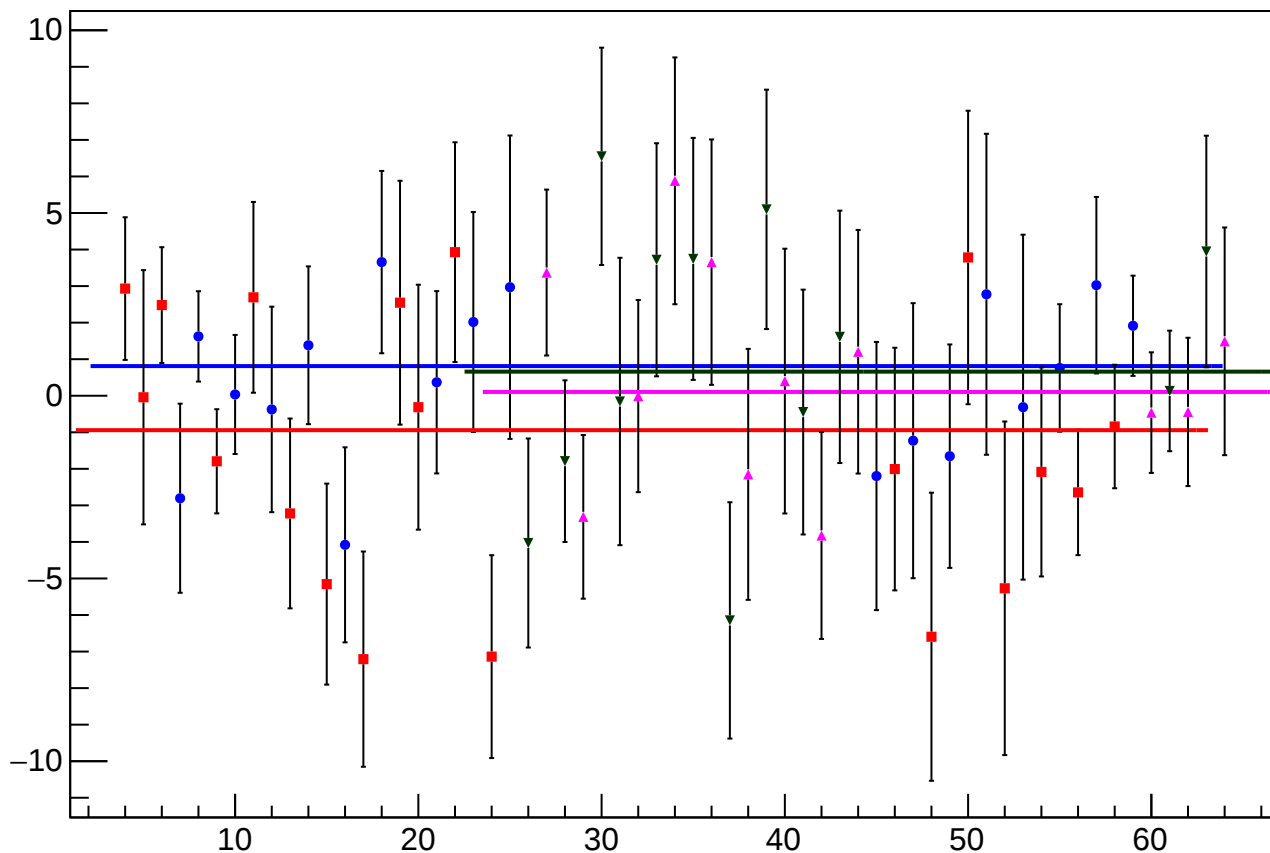
Right Out: 6006.736+/-1.348 χ^2/NDF : 130455.1/18

Left In: 5389.776+/-1.425 χ^2/NDF :32344.9/11

5753.532+/-0.977 χ^2/NDF : 348023.8/29

5715.279+/-0.979 χ^2/NDF : 261743.1/30

diff_bpm11Y_mean vs slug



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

Left Out: 0.659 ± 0.810 χ^2/NDF : 17.3/11

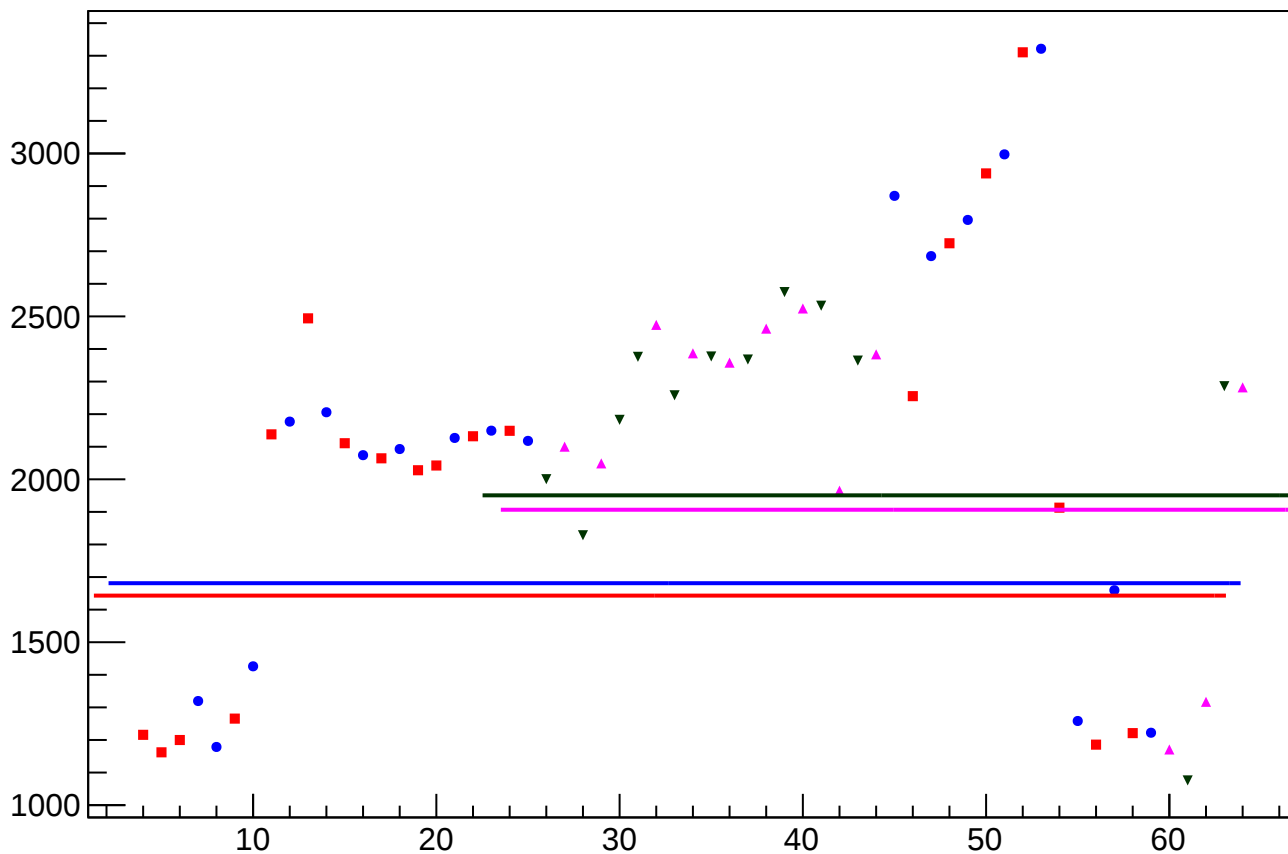
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.104 ± 0.745 χ^2/NDF : 11.3/11

0.765 ± 0.445 χ^2/NDF : 28.7/29

-0.571 ± 0.444 χ^2/NDF : 45.5/30

diff_bpm11Y_rms vs slug



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

Left Out: 1950.801+/-0.573 χ^2/NDF : 874231.6/11

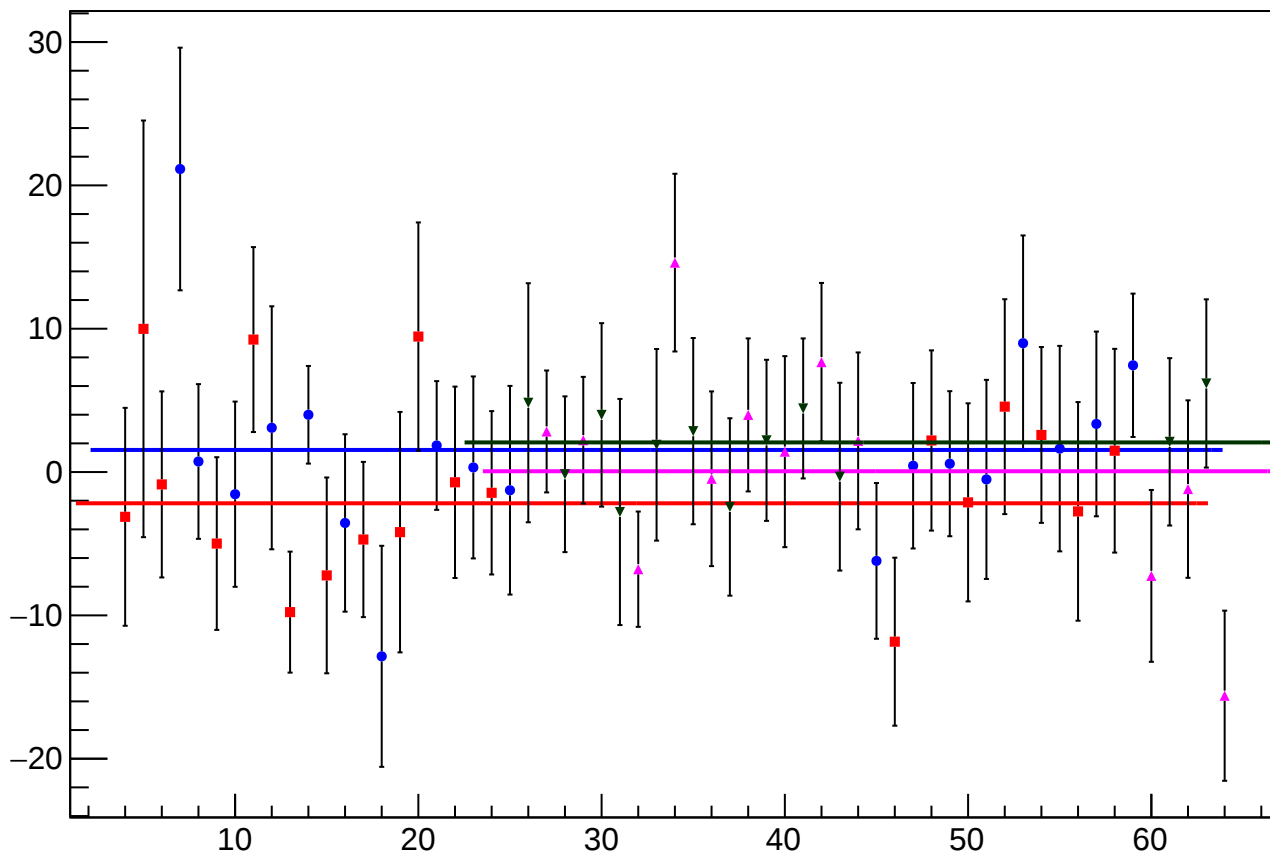
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1906.610+/-0.527 χ^2/NDF : 940184.6/11

1762.402+/-0.314 χ^2/NDF : 3241906.4/29

1736.661+/-0.314 χ^2/NDF : 3071085.2/30

diff_bpm12X_mean vs slug



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

Left Out: 2.066 ± 1.779 χ^2/NDF : 2.2/11

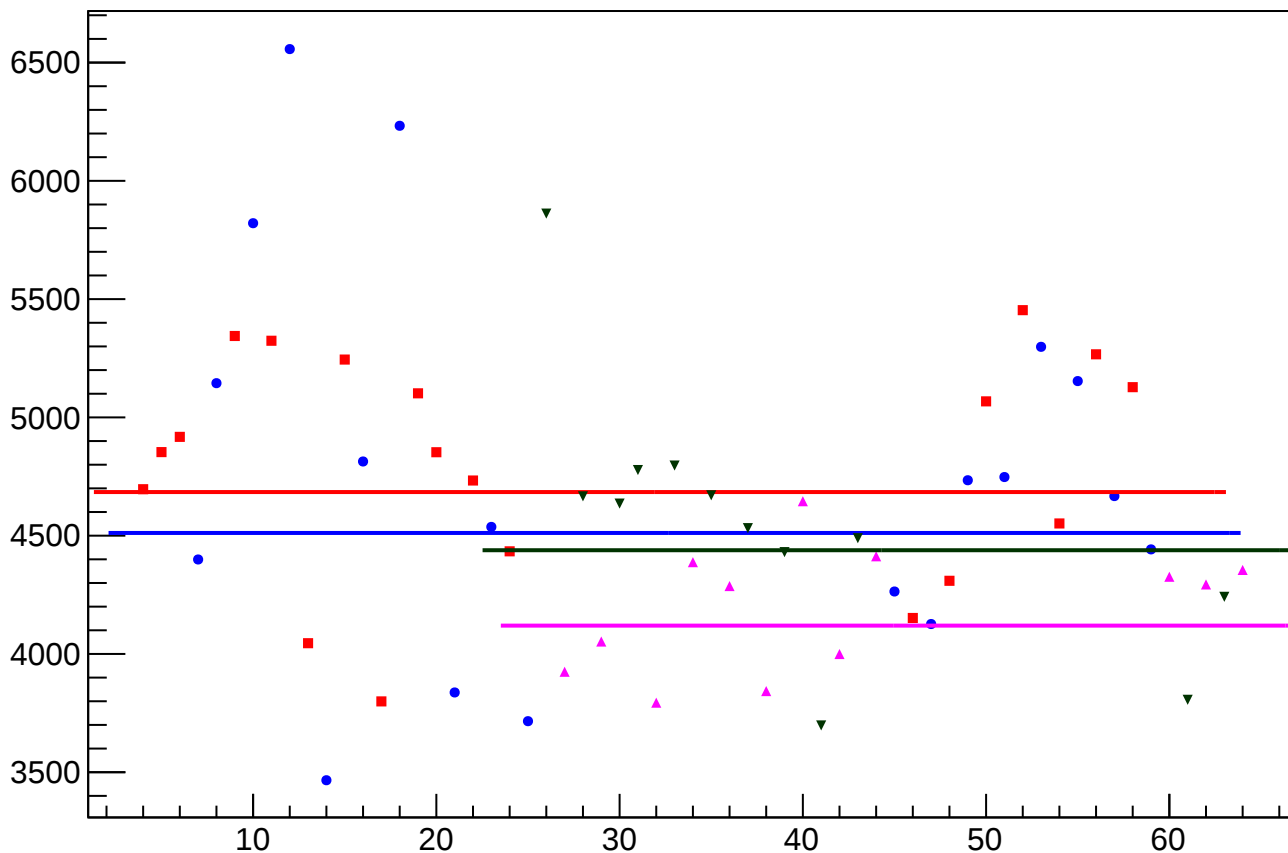
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: 0.056 ± 1.543 χ^2/NDF : 20.2/11

1.737 ± 1.085 χ^2/NDF : 17.4/29

-1.099 ± 1.073 χ^2/NDF : 36.5/30

diff_bpm12X_rms vs slug



Right In: 4511.494 $\pm$ 0.968 χ^2 /NDF: 646999.1/17

Left Out: 4438.464 $\pm$ 1.258 χ^2 /NDF:147905.6/11

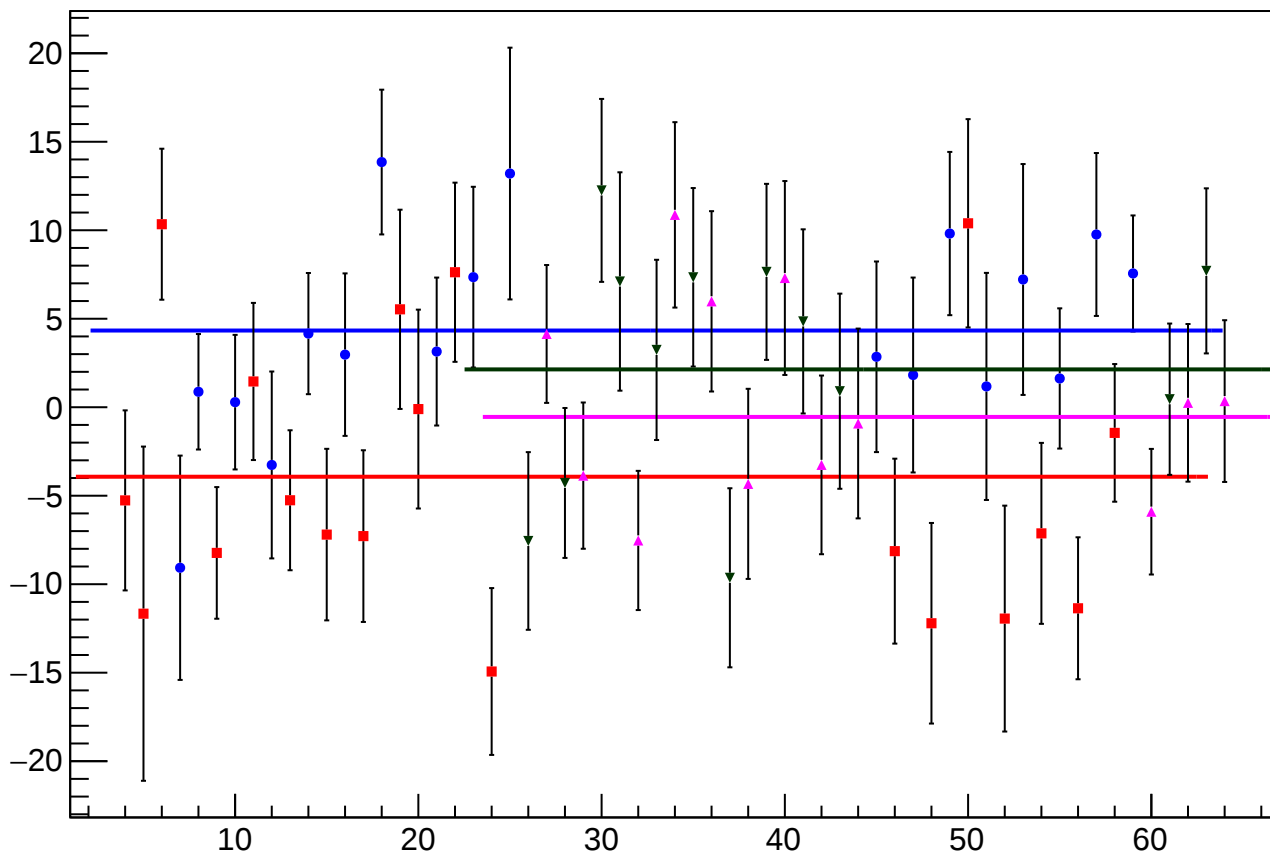
Right Out: 4684.391 $\pm$ 1.055 χ^2 /NDF: 240230.9/18

Left In: 4119.778 $\pm$ 1.091 χ^2 /NDF:53415.6/11

4484.318 $\pm$ 0.767 χ^2 /NDF: 797022.0/29

4411.456 $\pm$ 0.759 χ^2 /NDF: 432016.0/30

diff_bpm12Y_mean vs slug



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

Left Out: 2.138 ± 1.433 χ^2/NDF : 20.2/11

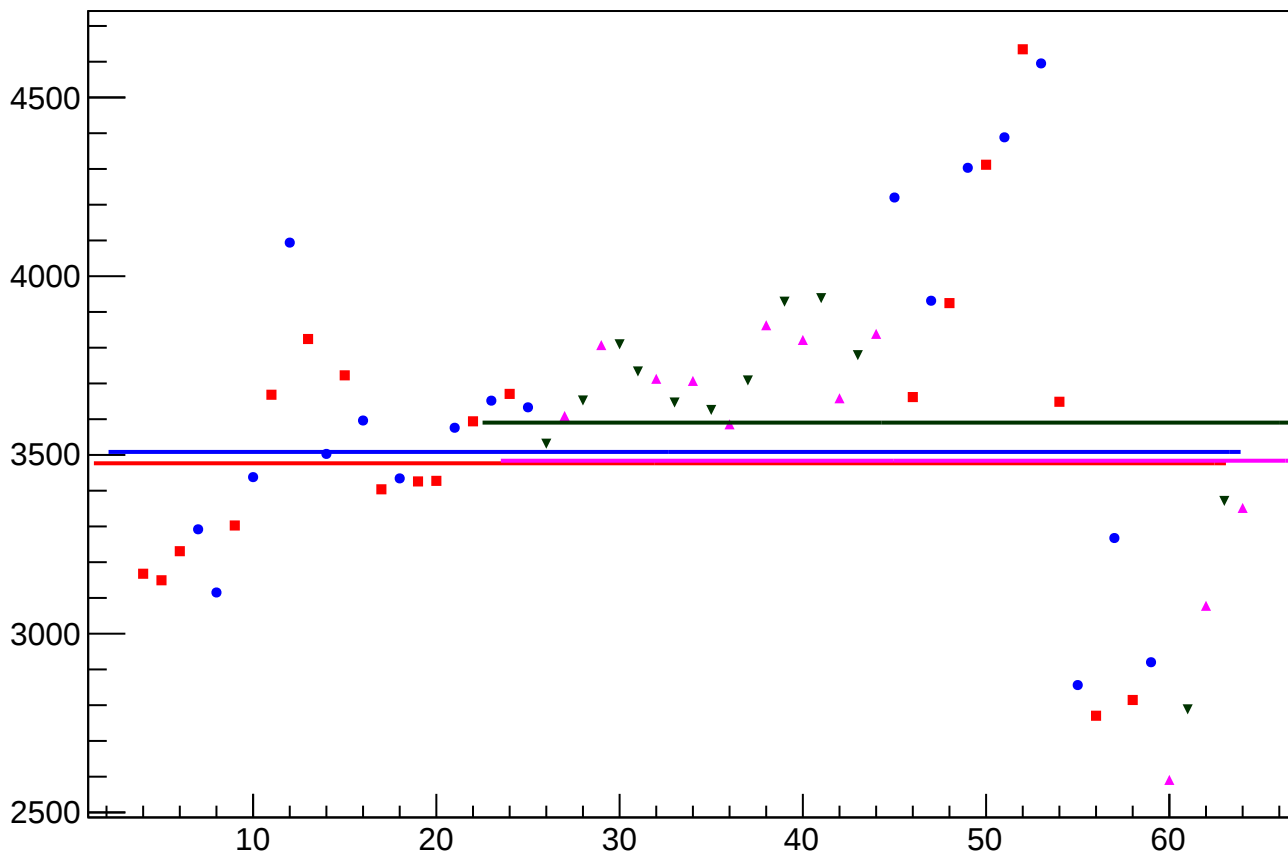
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: -0.548 ± 1.309 χ^2/NDF : 16.8/11

3.562 ± 0.850 χ^2/NDF : 42.9/29

-2.514 ± 0.846 χ^2/NDF : 64.9/30

diff_bpm12Y_rms vs slug



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

Left Out: 3590.450 $\pm$ 1.013 χ^2 /NDF:102195.7/11

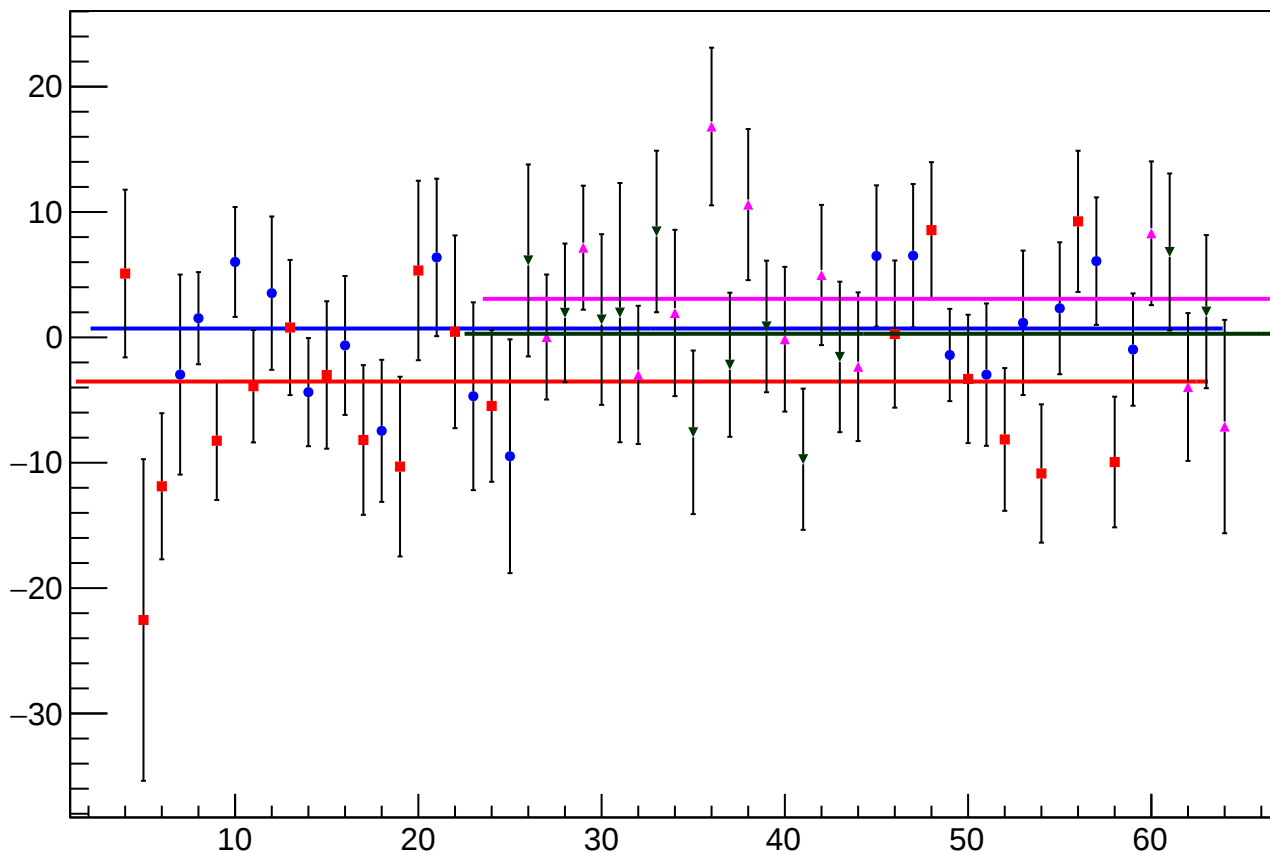
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3483.848 $\pm$ 0.925 χ^2 /NDF:199135.7/11

3537.284 $\pm$ 0.601 χ^2 /NDF: 490578.5/29

3479.668 $\pm$ 0.599 χ^2 /NDF: 492921.5/30

diff_bpm16X_mean vs slug



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

Left Out: 0.288 ± 1.806 χ^2/NDF : 8.4/11

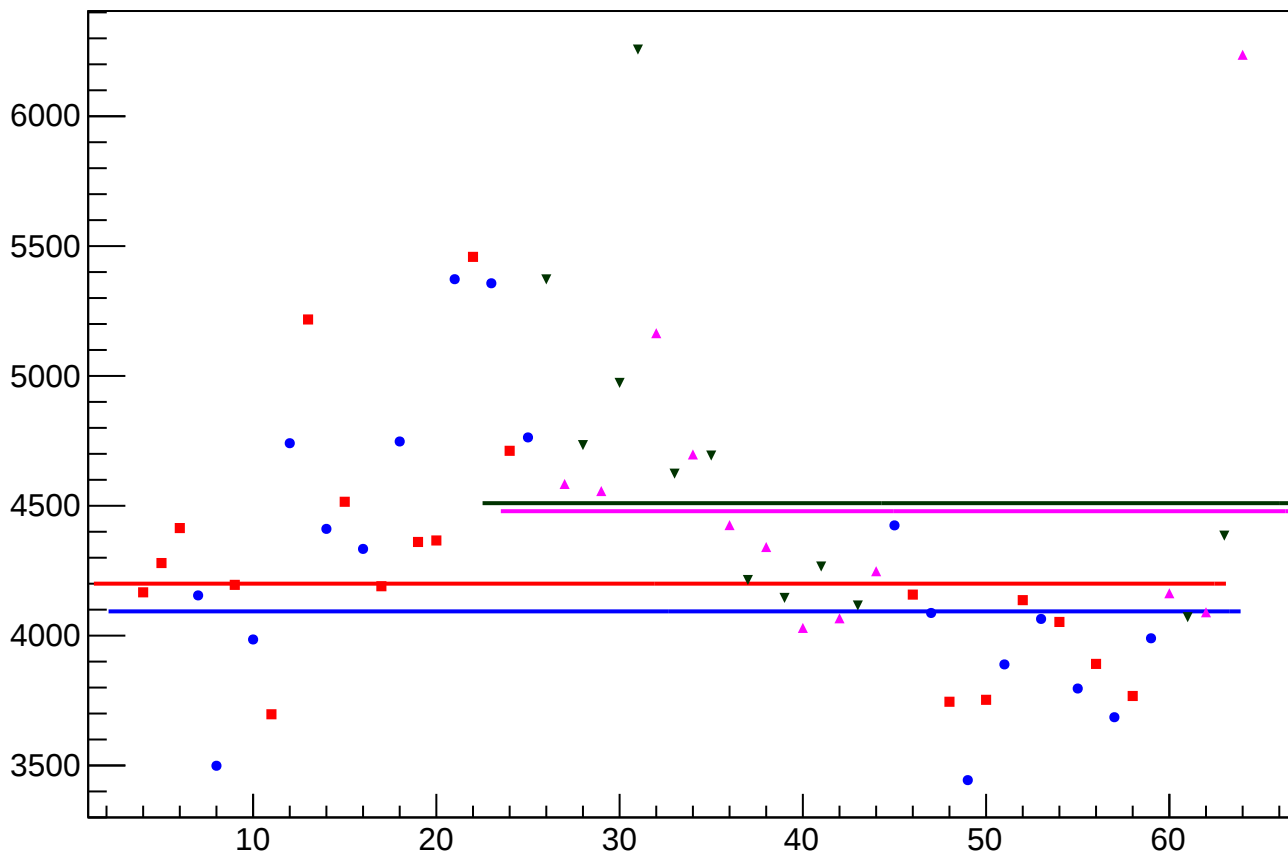
Right Out: -3.522 ± 1.336 χ^2/NDF : 25.4/18

Left In: 3.075 ± 1.683 χ^2/NDF : 13.6/11

0.575 ± 1.016 χ^2/NDF : 20.6/29

-0.972 ± 1.046 χ^2/NDF : 48.5/30

diff_bpm16X_rms vs slug



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

Left Out: 4510.061 $\pm$ 1.277 χ^2 /NDF:135165.6/11

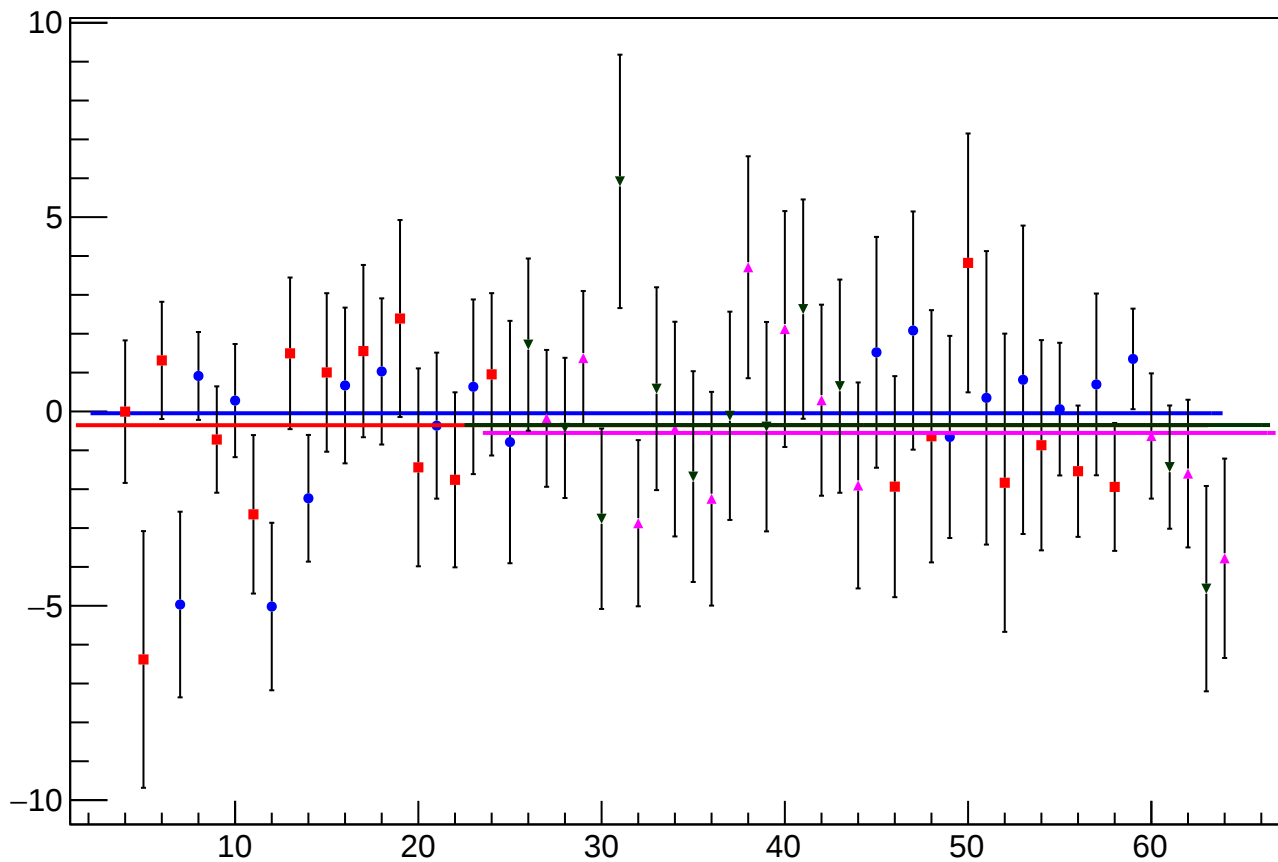
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4479.131 $\pm$ 1.190 χ^2 /NDF:161828.8/11

4225.223 $\pm$ 0.718 χ^2 /NDF: 567625.1/29

4307.963 $\pm$ 0.740 χ^2 /NDF: 421402.9/30

diff_bpm16Y_mean vs slug



Right In: -0.046 ± 0.458 $\chi^2/\text{NDF}: 14.9/17$

Left Out: -0.350 ± 0.682 $\chi^2/\text{NDF}: 10.3/11$

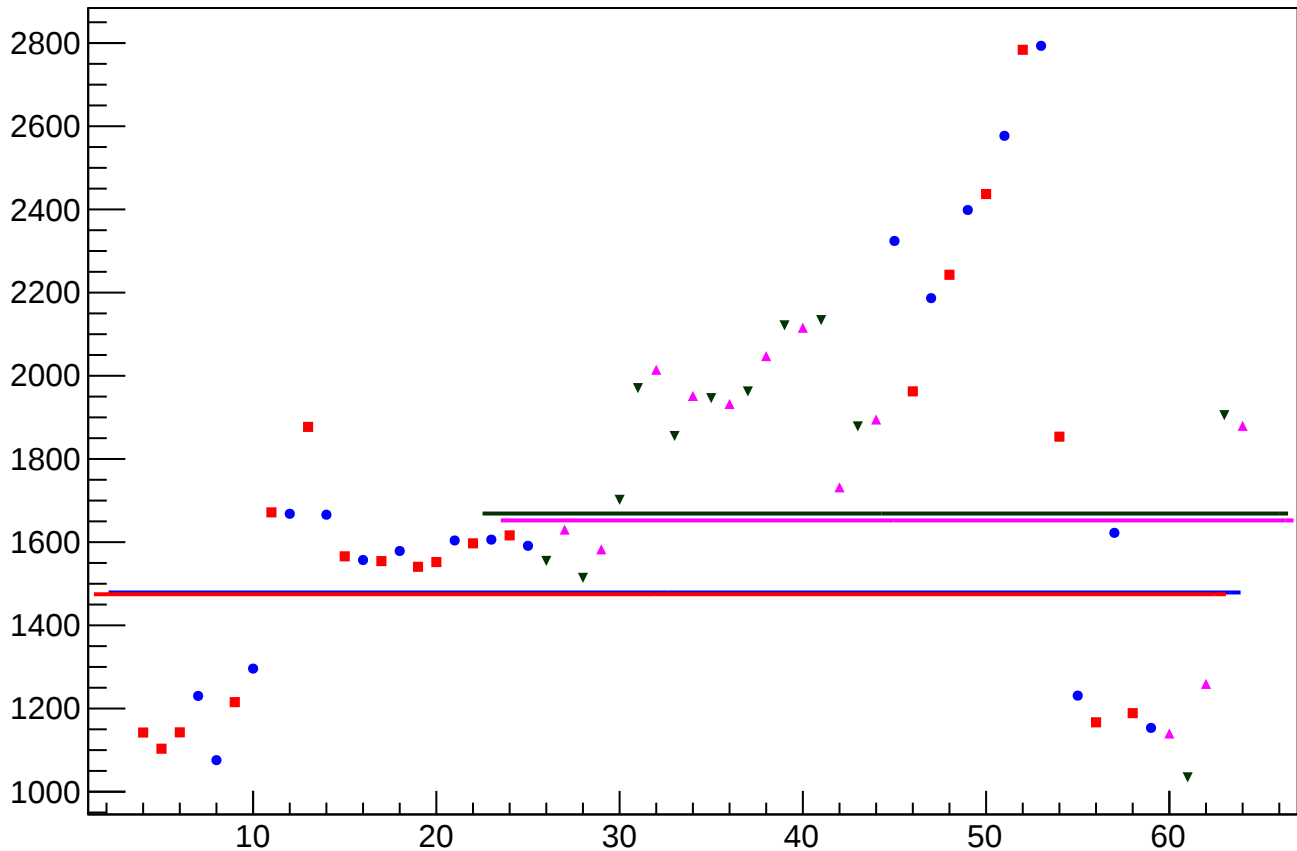
Right Out: -0.354 ± 0.483 $\chi^2/\text{NDF}: 13.6/18$

Left In: -0.553 ± 0.633 $\chi^2/\text{NDF}: 8.1/11$

-0.140 ± 0.380 $\chi^2/\text{NDF}: 25.3/29$

-0.427 ± 0.384 $\chi^2/\text{NDF}: 21.8/30$

diff_bpm16Y_rms vs slug



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

Left Out: 1668.848+/-0.482 χ^2/NDF :551052.0/11

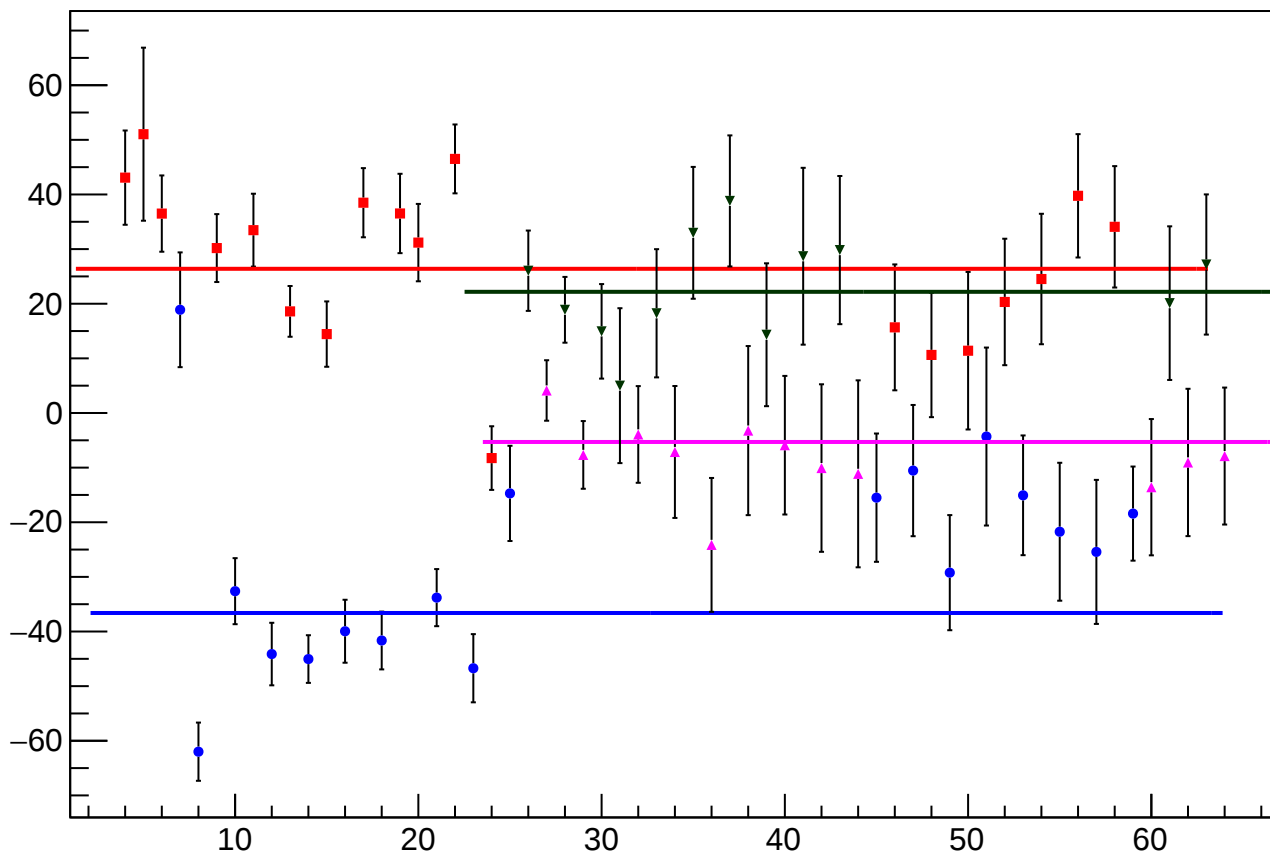
1538.063+/-0.269 χ^2/NDF : 2117155.1/29

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

1540.110+/-0.272 χ^2/NDF : 1736793.7/30

Left In: 1652.260+/-0.448 χ^2/NDF :512287.6/11

diff_bpm0l01X_mean vs slug



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

Left Out: 22.182 ± 2.992 χ^2/NDF : 6.6/11

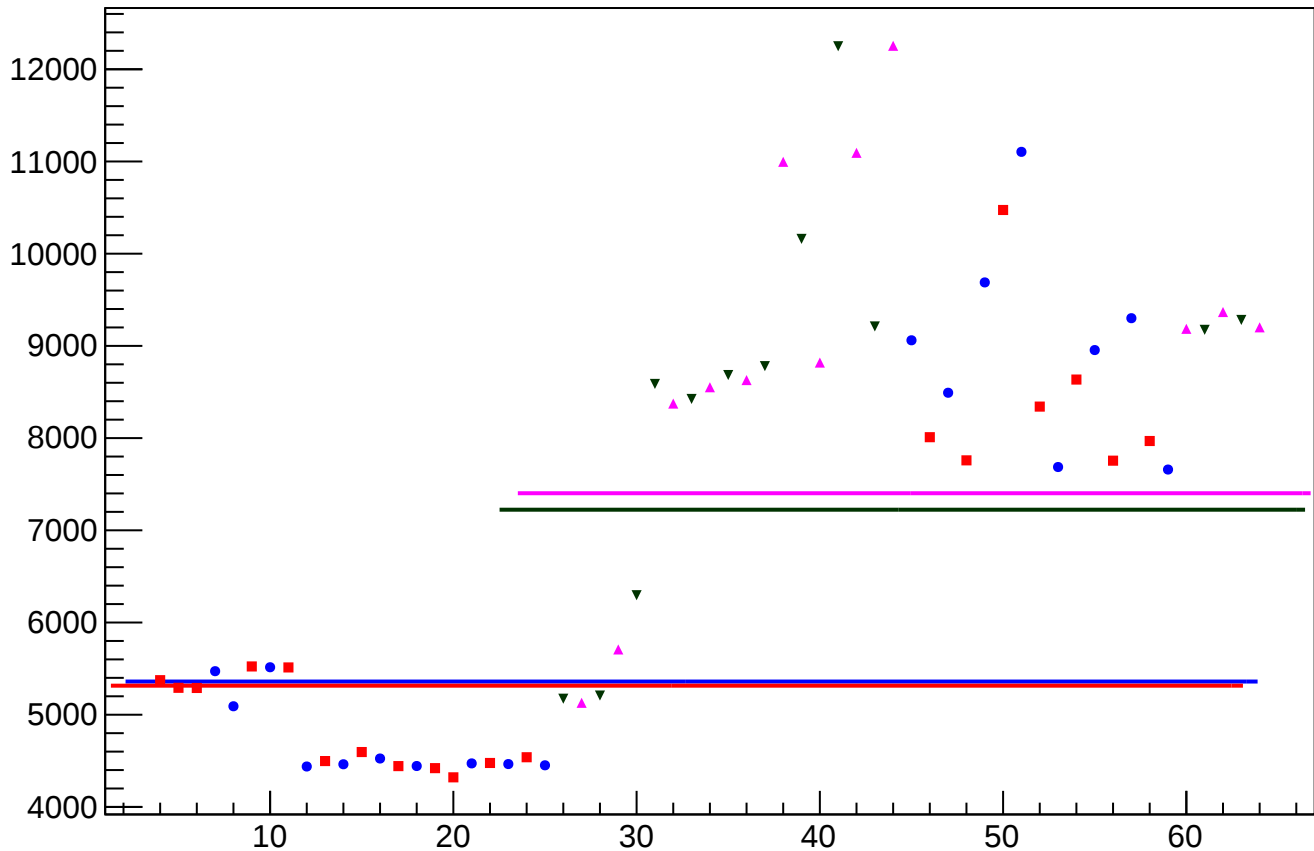
Right Out: 26.394 ± 1.742 χ^2/NDF : 74.2/18

Left In: -5.305 ± 2.871 χ^2/NDF : 6.2/11

-22.589 ± 1.461 χ^2/NDF : 390.5/29

17.865 ± 1.489 χ^2/NDF : 169.6/30

diff_bpm0l01X_rms vs slug



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

Left Out: 7223.463+/-2.115 χ^2/NDF : 931646.4/11

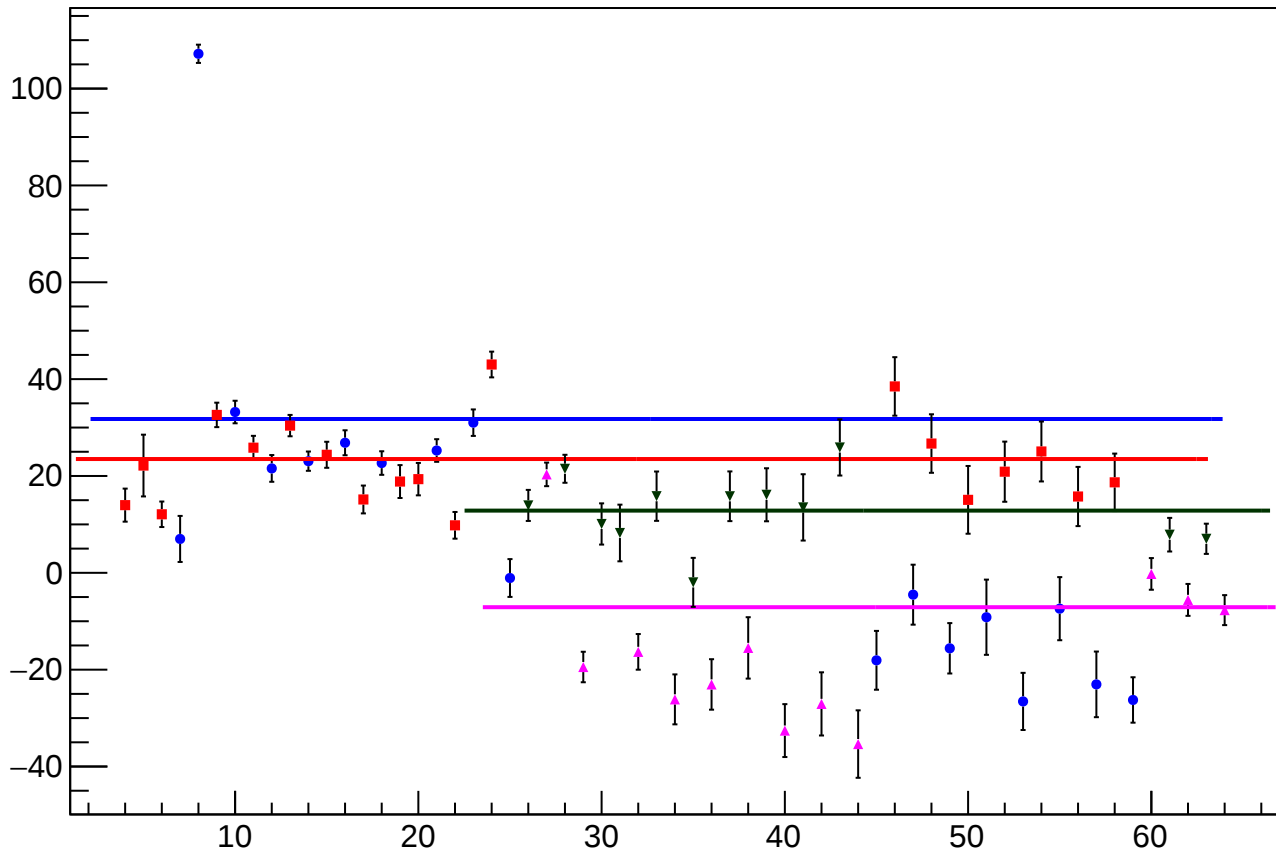
Right Out: 5315.062+/-1.232 χ^2/NDF : 1229938.4/18

Left In: 7402.103+/-2.030 χ^2/NDF : 1083060.3/11

5804.322+/-1.033 χ^2/NDF : 3382585.6/29

5876.621+/-1.053 χ^2/NDF : 3085452.6/30

diff_bpm0l01Y_mean vs slug



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

Left Out: 12.849 $\pm$ 1.206 χ^2 /NDF:30.3/11

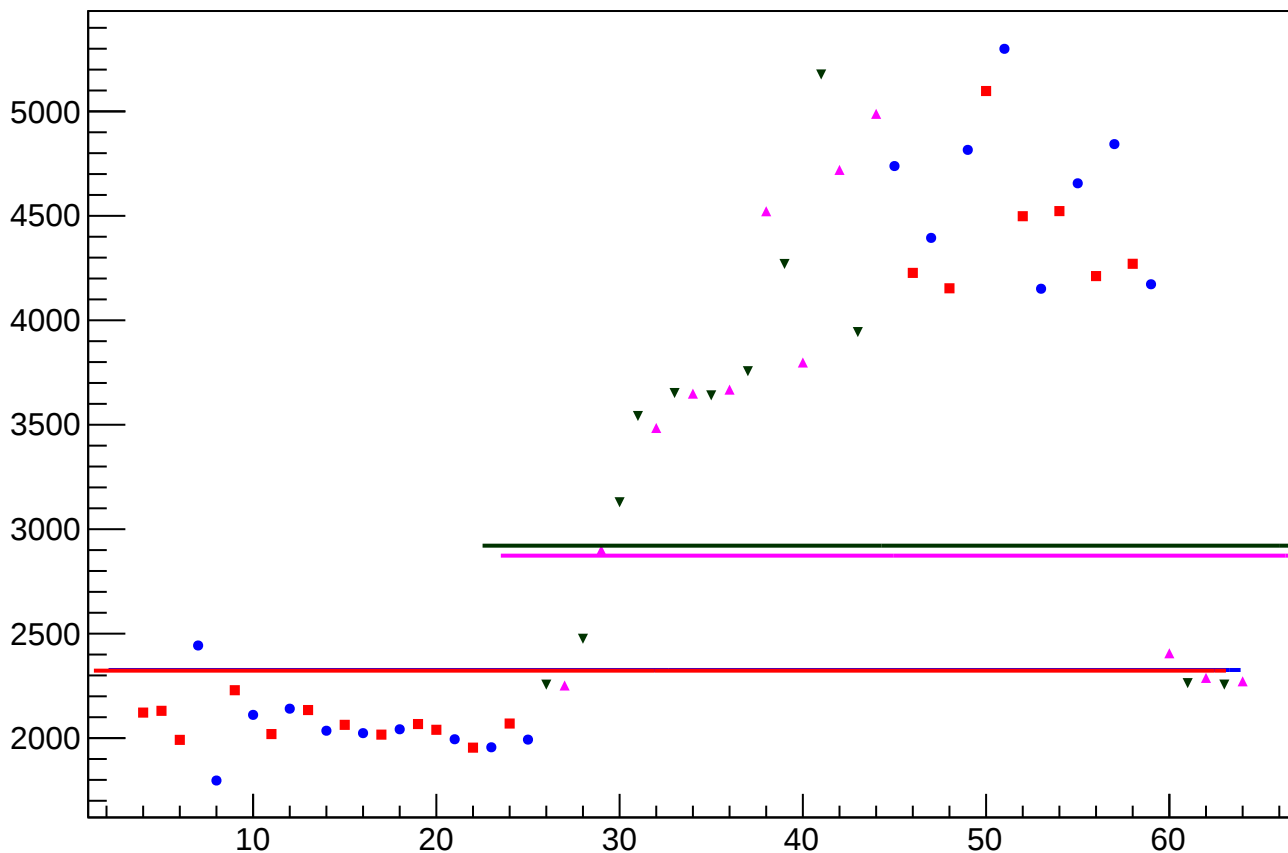
Right Out: 23.500 $\pm$ 0.773 χ^2 /NDF: 151.3/18

Left In: -7.098 $\pm$ 1.111 χ^2 /NDF:225.5/11

26.586 $\pm$ 0.631 χ^2 /NDF: 2532.0/29

13.527 $\pm$ 0.634 χ^2 /NDF: 888.0/30

diff_bpm0l01Y_rms vs slug



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

Left Out: 2921.172+/-0.853 χ^2/NDF :858607.1/11

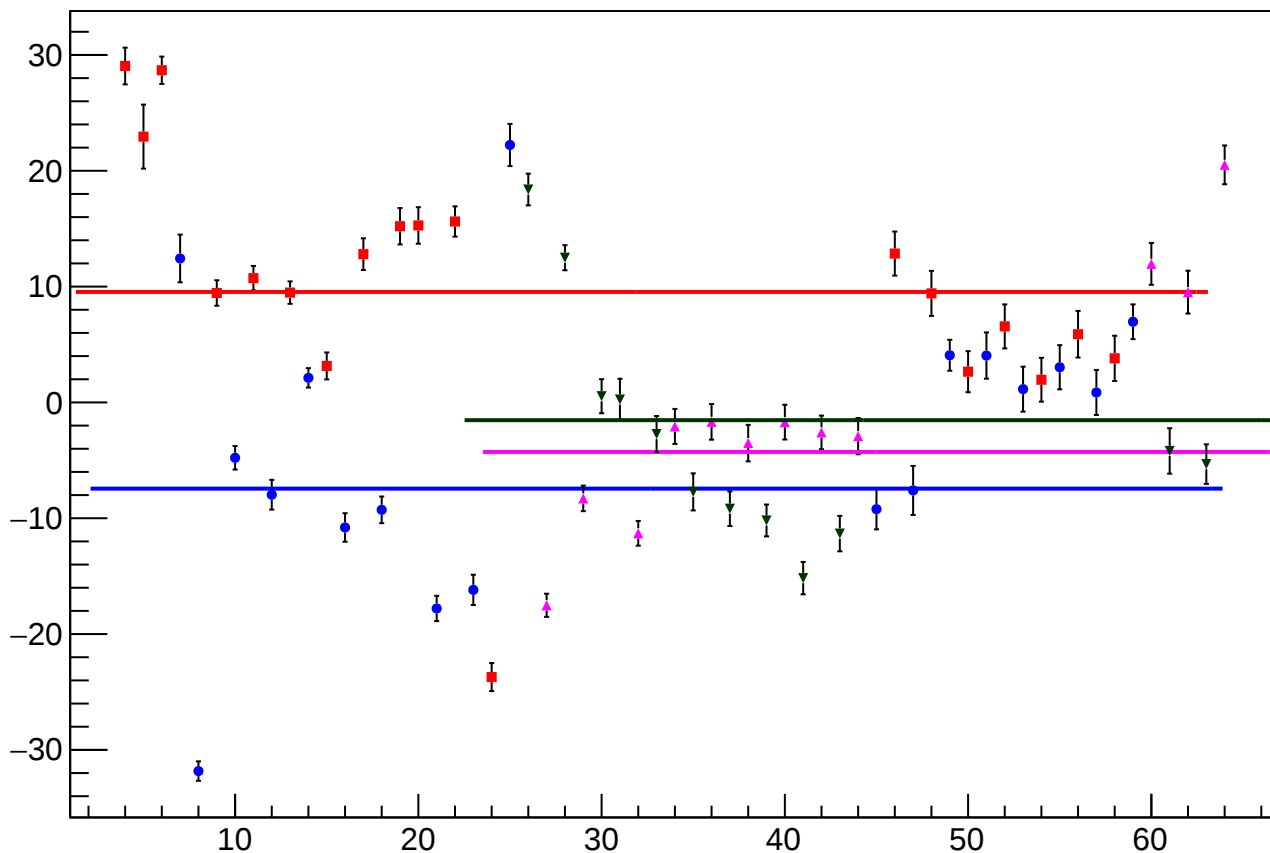
Right Out: 2322.918+/-0.546 χ^2/NDF : 1810759.5/18

Left In: 2873.421+/-0.786 χ^2/NDF :993724.7/11

2489.056+/-0.446 χ^2/NDF : 3908580.5/29

2502.335+/-0.449 χ^2/NDF : 3135409.1/30

diff_bpm2i01X_mean vs slug



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

Left Out: -1.532 ± 0.427 χ^2/NDF : 606.7/11

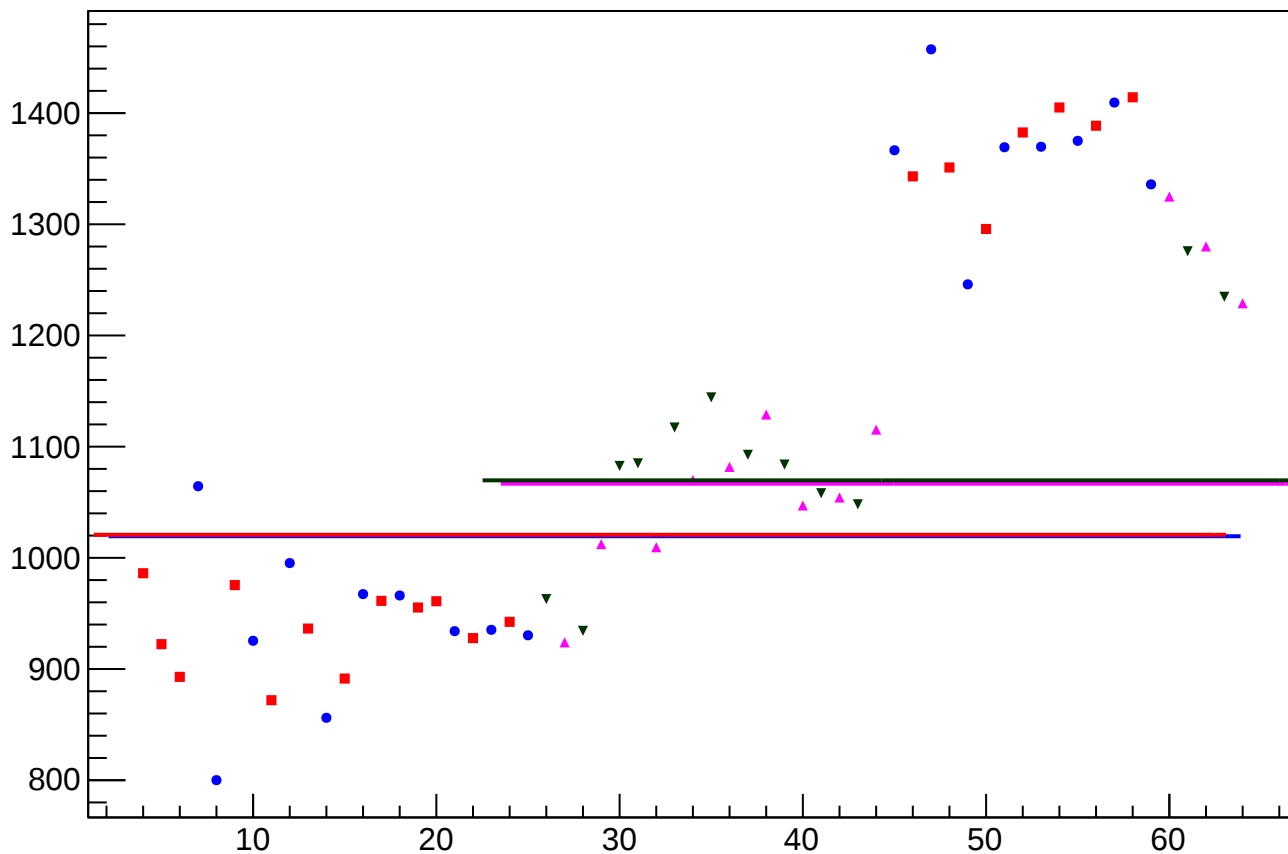
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -4.275 ± 0.400 χ^2/NDF : 598.1/11

-5.404 ± 0.251 χ^2/NDF : 2486.0/29

3.993 ± 0.253 χ^2/NDF : 2639.8/30

diff_bpm2i01X_rms vs slug



Right In: 1019.424 $\pm$ 0.219 χ^2 /NDF: 852878.1/17

Left Out: 1069.688 $\pm$ 0.302 χ^2 /NDF:91852.7/11

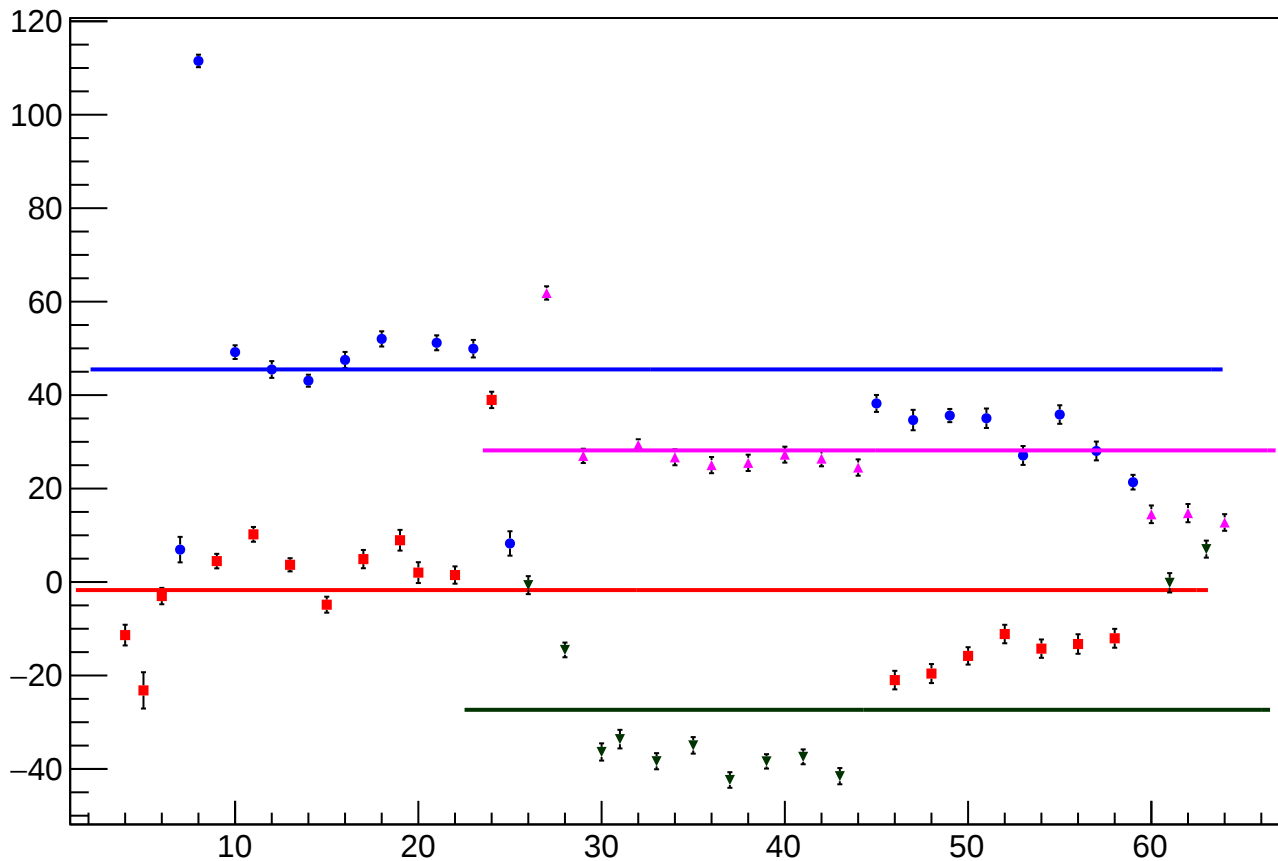
Right Out: 1020.749 $\pm$ 0.232 χ^2 /NDF: 605072.5/18

Left In: 1066.686 $\pm$ 0.283 χ^2 /NDF:143470.7/11

1036.761 $\pm$ 0.177 χ^2 /NDF: 962873.8/29

1039.192 $\pm$ 0.179 χ^2 /NDF: 764329.4/30

diff_bpm2i01Y_mean vs slug



Right In: 45.496+/-0.408 χ^2/NDF : 3402.2/17

Left Out: -27.344+/-0.506 χ^2/NDF : 1117.6/11

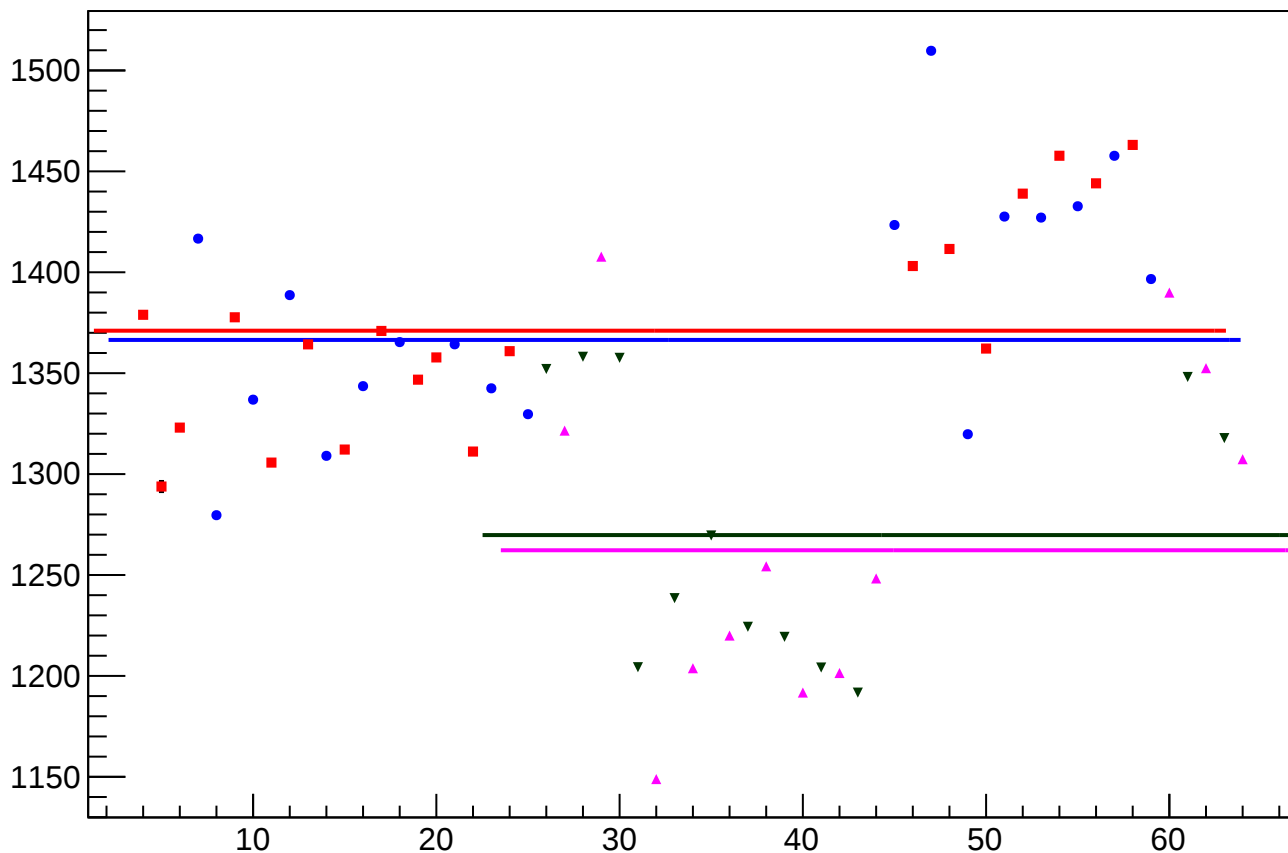
Right Out: -1.724+/-0.434 χ^2/NDF : 1071.7/18

Left In: 28.166+/-0.472 χ^2/NDF : 743.9/11

16.775+/-0.317 χ^2/NDF : 17091.0/29

11.980+/-0.319 χ^2/NDF : 3990.8/30

diff_bpm2i01Y_rms vs slug



Right In: 1366.474 $\pm$ 0.288 χ^2 /NDF: 38633.0/17

Left Out: 1269.783 $\pm$ 0.358 χ^2 /NDF:32599.0/11

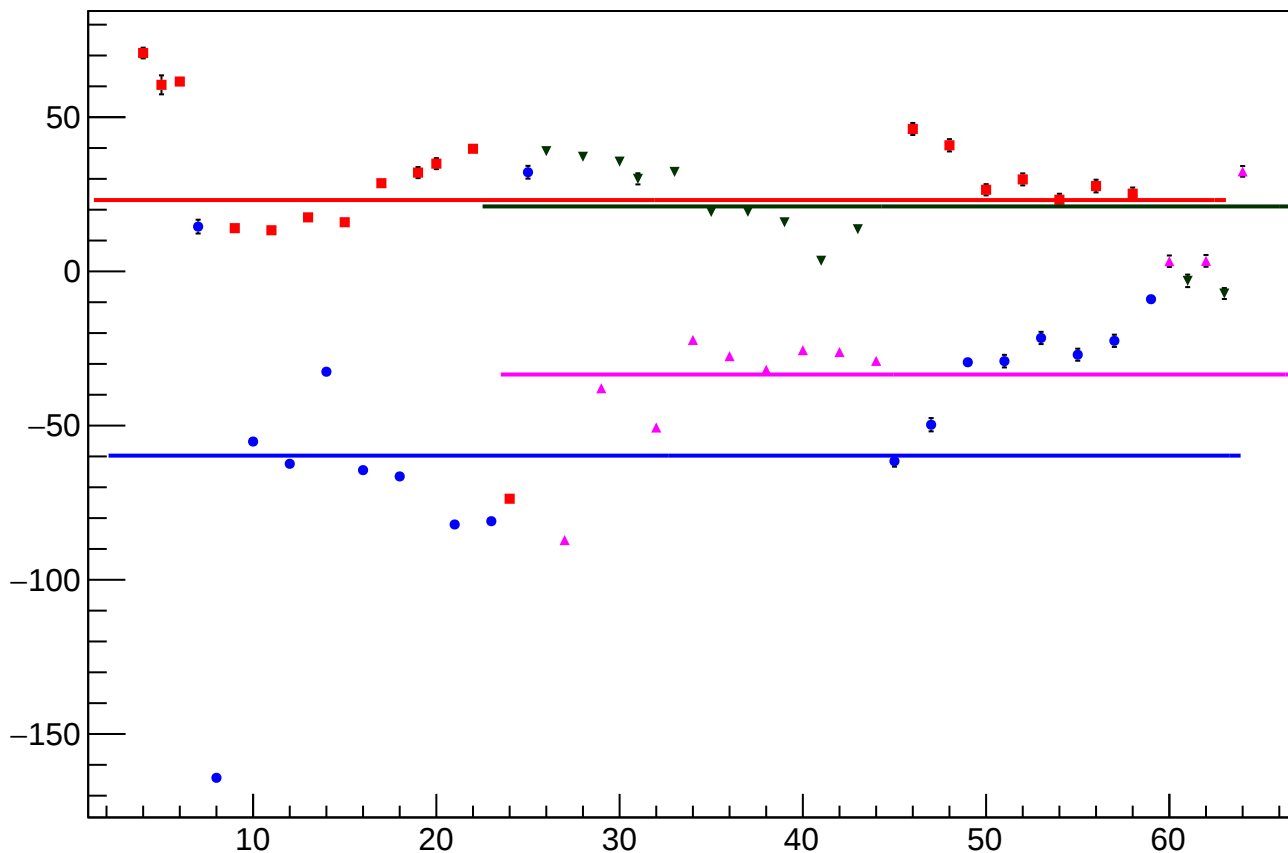
Right Out: 1371.055 $\pm$ 0.307 χ^2 /NDF: 24860.5/18

Left In: 1262.258 $\pm$ 0.333 χ^2 /NDF:63470.8/11

1328.348 $\pm$ 0.224 χ^2 /NDF: 115535.1/29

1321.174 $\pm$ 0.226 χ^2 /NDF: 145972.5/30

diff_bpm2i02X_mean vs slug



Right In: -59.738 ± 0.343 $\chi^2/\text{NDF}: 18760.8/17$

Left Out: 21.059 ± 0.446 $\chi^2/\text{NDF}: 1054.3/11$

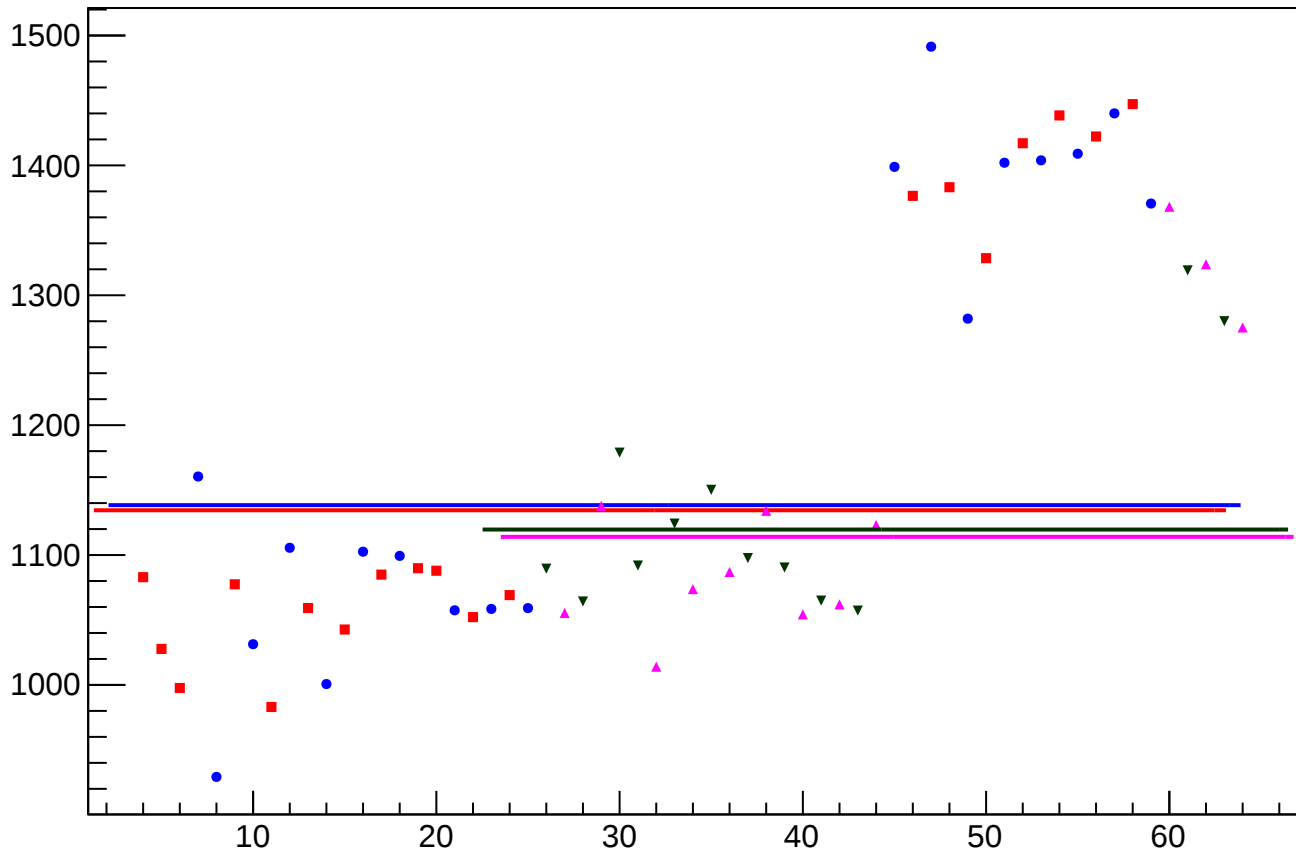
Right Out: 23.126 ± 0.362 $\chi^2/\text{NDF}: 7355.2/18$

Left In: -33.439 ± 0.417 $\chi^2/\text{NDF}: 4812.9/11$

-29.717 ± 0.272 $\chi^2/\text{NDF}: 40414.9/29$

-1.155 ± 0.273 $\chi^2/\text{NDF}: 22660.4/30$

diff_bpm2i02X_rms vs slug



Right In: 1138.411 $\pm$ 0.243 χ^2 /NDF: 488075.7/17

Left Out: 1119.640 $\pm$ 0.316 χ^2 /NDF: 52122.6/11

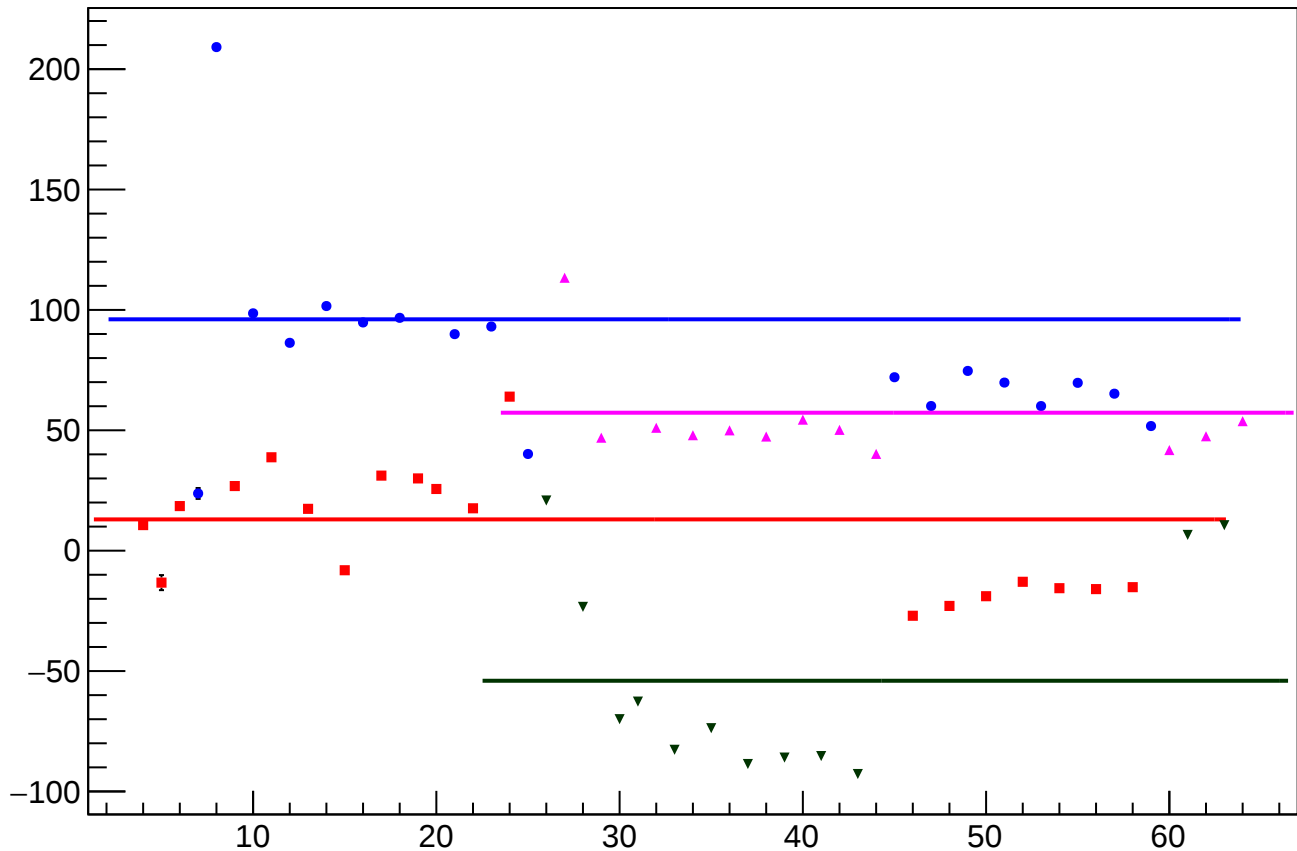
1131.436 $\pm$ 0.192 χ^2 /NDF: 542422.1/29

Right Out: 1134.479 $\pm$ 0.256 χ^2 /NDF: 360721.2/18

1125.698 $\pm$ 0.193 χ^2 /NDF: 473428.8/30

Left In: 1114.022 $\pm$ 0.295 χ^2 /NDF: 109963.2/11

diff_bpm2i02Y_mean vs slug



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

Left Out: -54.027 $\pm$ 0.447 χ^2 /NDF: 8125.0/11

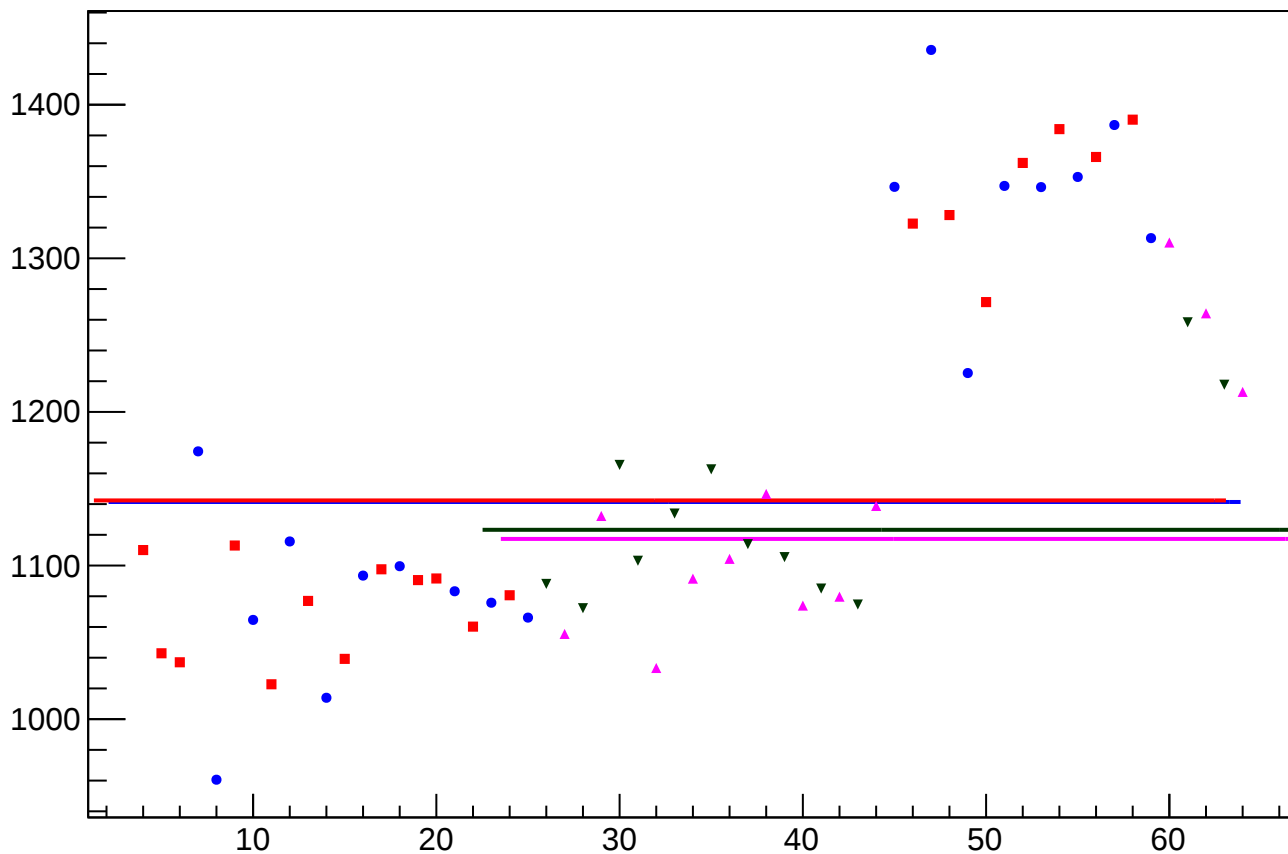
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 57.302 $\pm$ 0.418 χ^2 /NDF: 2866.5/11

40.518 $\pm$ 0.272 χ^2 /NDF: 96210.8/29

32.075 $\pm$ 0.274 χ^2 /NDF: 13815.6/30

diff_bpm2i02Y_rms vs slug



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

Left Out: 1123.265+/-0.316 χ^2/NDF : 27119.3/11

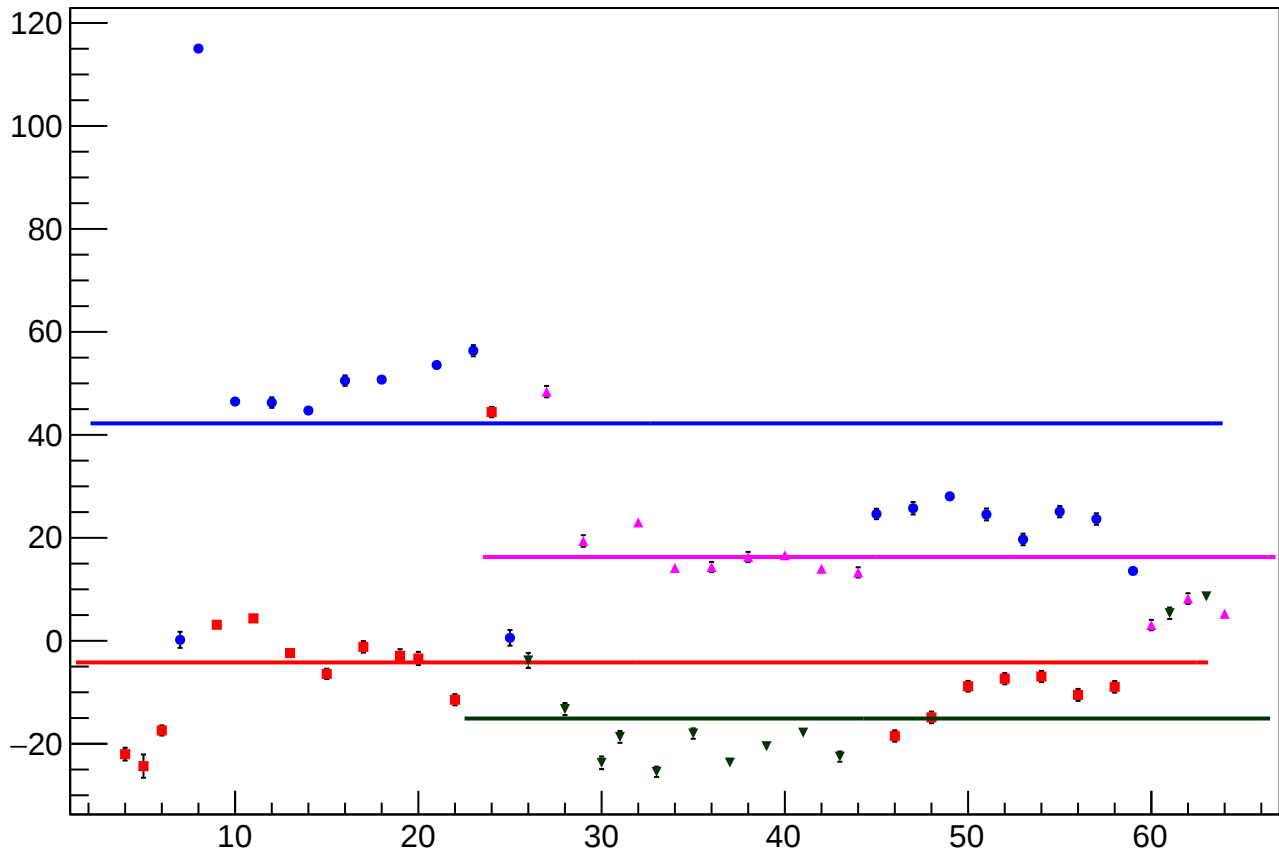
Right Out: 1142.390+/-0.257 χ^2/NDF : 236212.3/18

Left In: 1117.325+/-0.295 χ^2/NDF : 65606.3/11

1134.673+/-0.192 χ^2/NDF : 358492.3/29

1131.595+/-0.194 χ^2/NDF : 305919.3/30

diff_bpm1i04X_mean vs slug



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

Left Out: -15.091+/-0.300 χ^2/NDF :1374.4/11

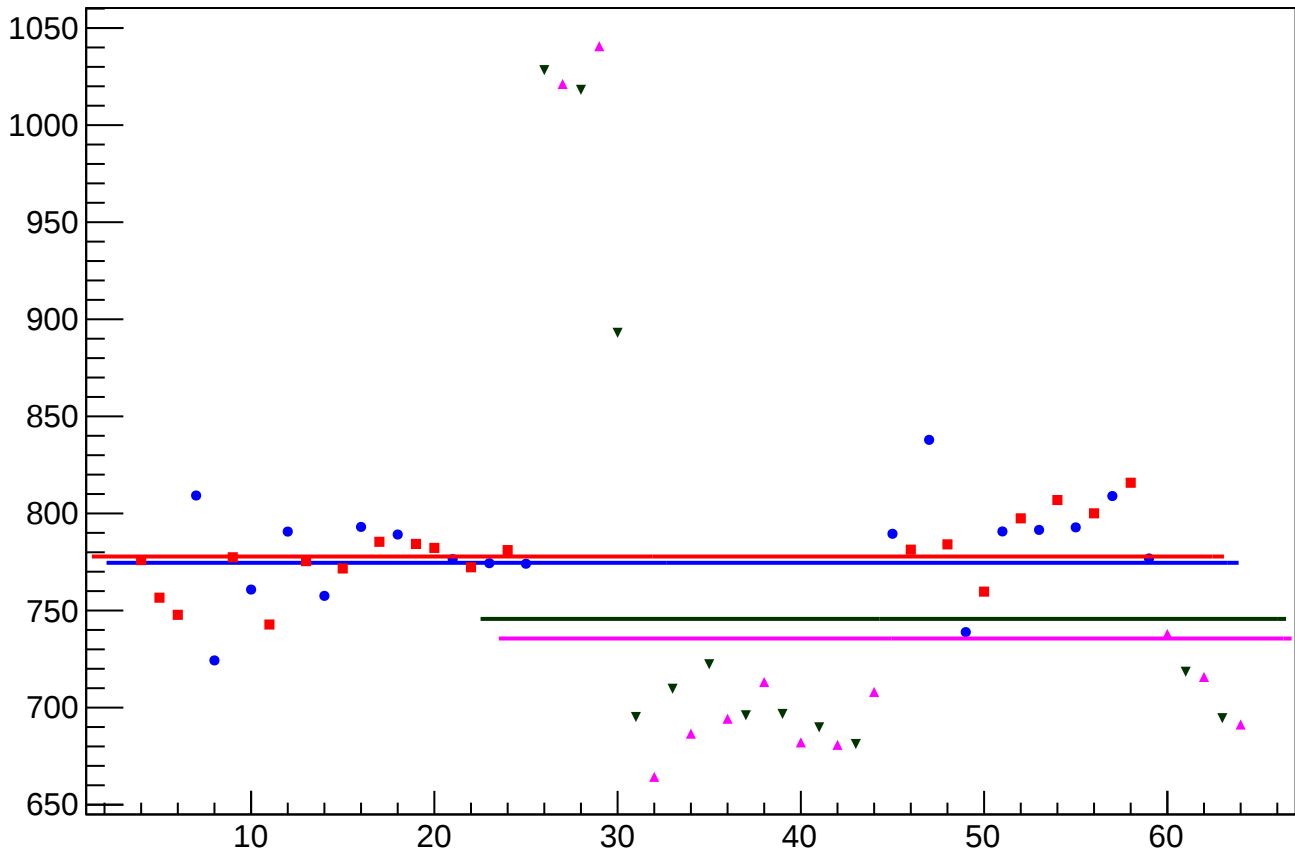
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 16.271+/-0.277 χ^2/NDF :1344.1/11

20.885+/-0.183 χ^2/NDF : 38622.0/29

4.807+/-0.184 χ^2/NDF : 7773.9/30

diff_bpm1i04X_rms vs slug



Right In: 774.583 $\pm$ 0.163 χ^2 /NDF: 26360.5/17

Left Out: 745.691 $\pm$ 0.212 χ^2 /NDF: 252690.5/11

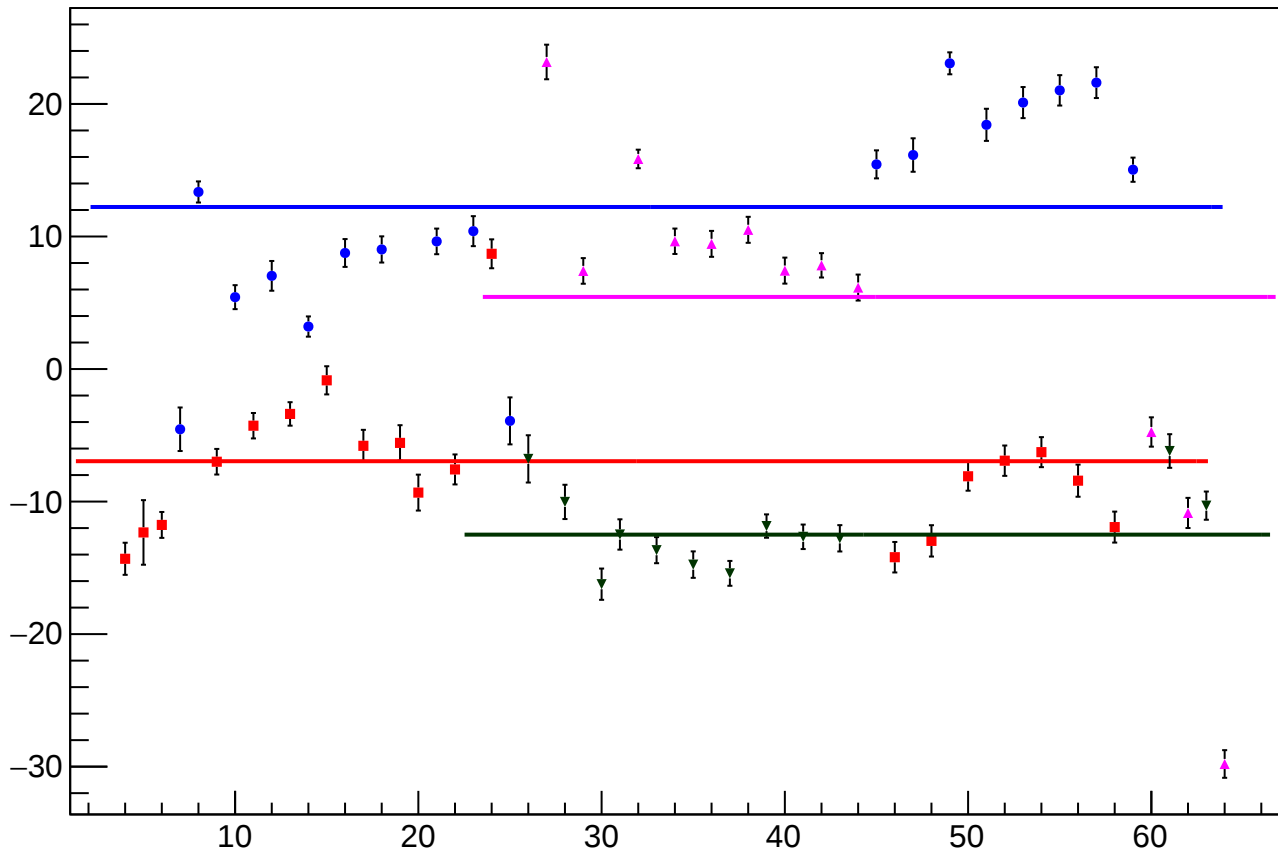
Right Out: 777.816 $\pm$ 0.174 χ^2 /NDF: 11180.5/18

Left In: 735.587 $\pm$ 0.196 χ^2 /NDF: 330082.1/11

763.824 $\pm$ 0.129 χ^2 /NDF: 290712.8/29

759.238 $\pm$ 0.130 χ^2 /NDF: 367239.5/30

diff_bpm1i04Y_mean vs slug



Right In: 12.227 ± 0.244 χ^2/NDF : 832.9/17

Left Out: -12.495 ± 0.308 χ^2/NDF : 69.8/11

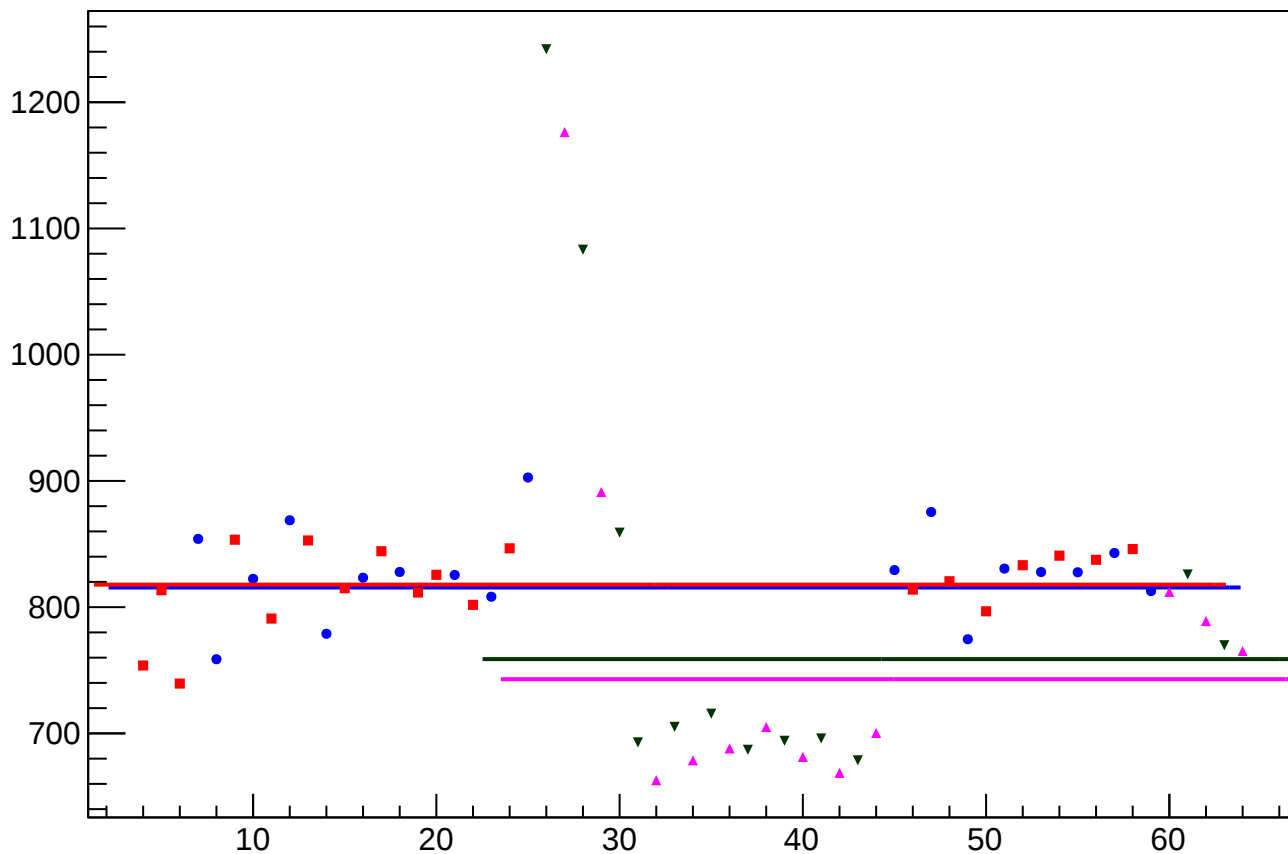
Right Out: -6.954 ± 0.259 χ^2/NDF : 420.8/18

Left In: 5.441 ± 0.281 χ^2/NDF : 1915.4/11

2.718 ± 0.191 χ^2/NDF : 4867.4/29

-1.267 ± 0.191 χ^2/NDF : 3386.5/30

diff_bpm1i04Y_rms vs slug



Right In: 815.575+/-0.172 χ^2/NDF : 37644.6/17

Left Out: 758.840+/-0.218 χ^2/NDF : 353839.7/11

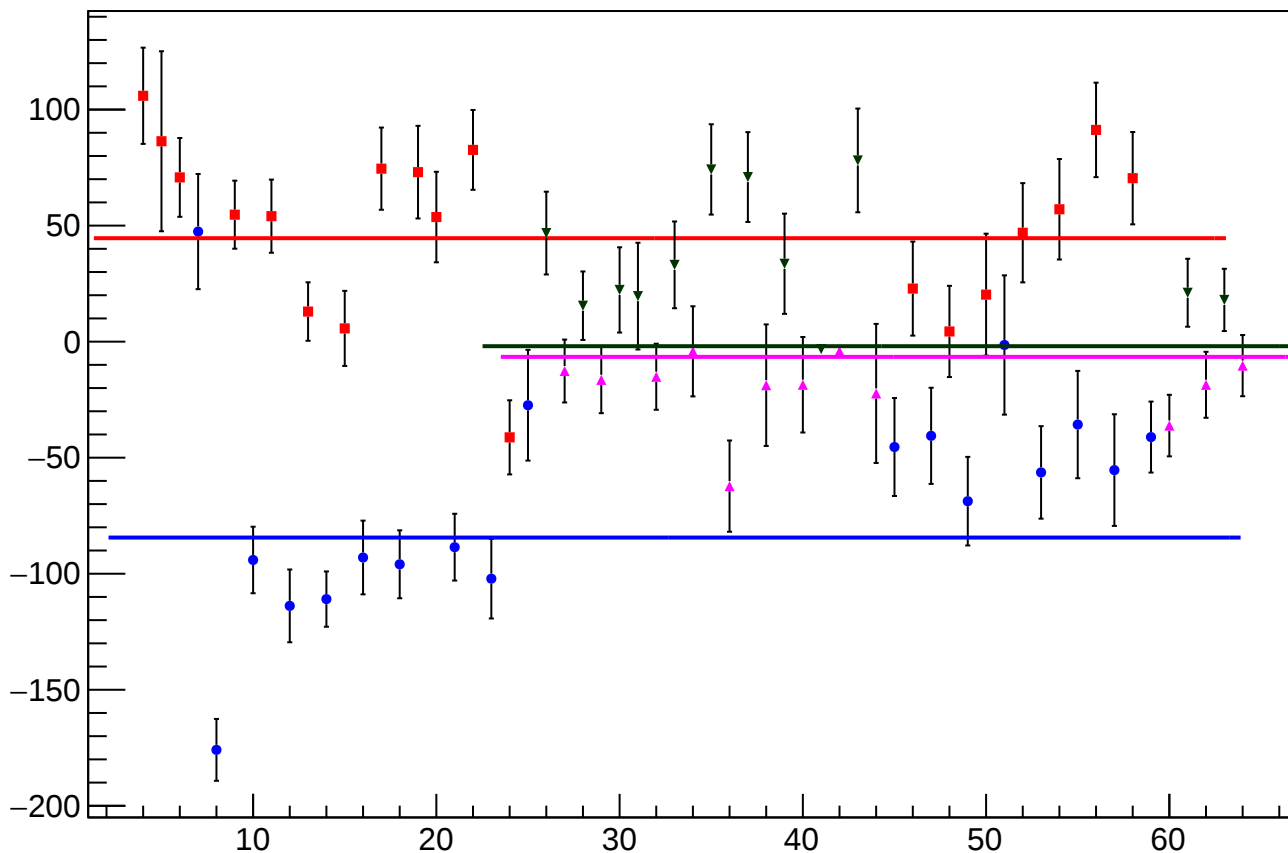
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

Left In: 742.932+/-0.199 χ^2/NDF : 348477.2/11

793.752+/-0.135 χ^2/NDF : 433245.7/29

783.470+/-0.135 χ^2/NDF : 457616.0/30

diff_bpm0l02X_mean vs slug



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

Left Out: -1.959 ± 0.967 χ^2/NDF : 66.3/11

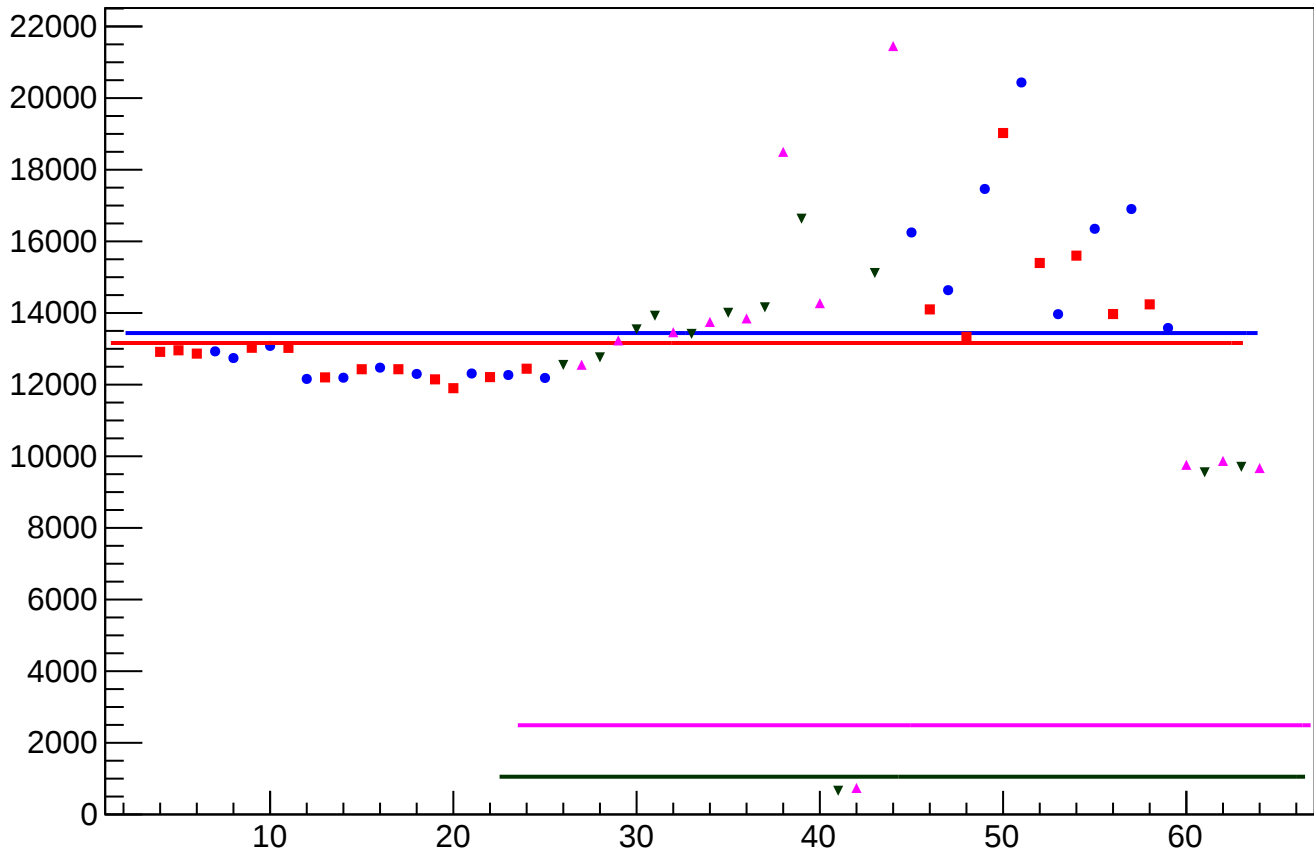
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -6.556 ± 1.899 χ^2/NDF : 17.1/11

-6.387 ± 0.941 χ^2/NDF : 580.8/29

2.115 ± 1.731 χ^2/NDF : 217.6/30

diff_bpm0l02X_rms vs slug



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

Left Out: 1053.419+/-0.684 χ^2/NDF : 9976775.2/11

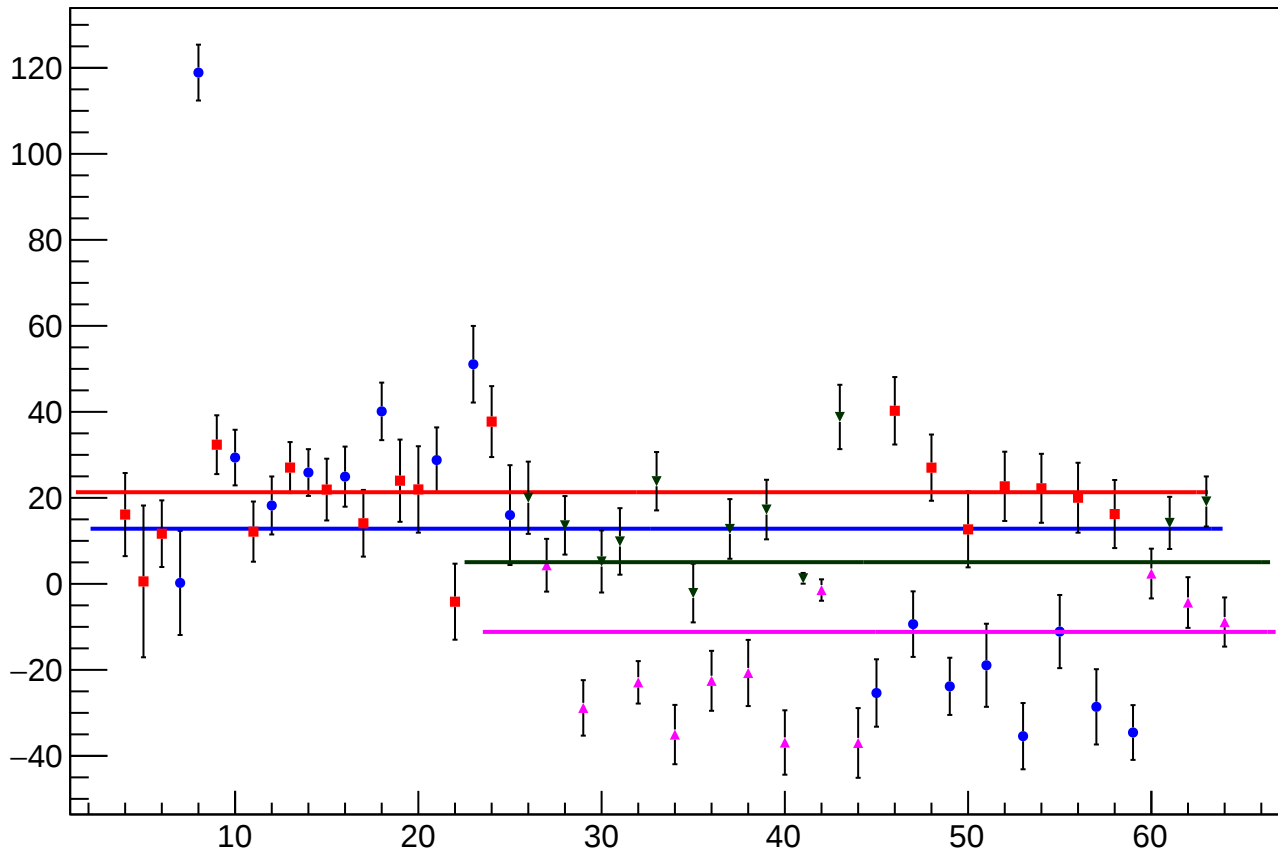
Right Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

Left In: 2490.462+/-1.343 χ^2/NDF : 10134281.4/11

1718.596+/-0.665 χ^2/NDF : 27997996.8/29

4300.495+/-1.224 χ^2/NDF : 21048870.0/30

diff_bpm0l02Y_mean vs slug



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

Left Out: 5.046 ± 1.069 χ^2/NDF : 55.9/11

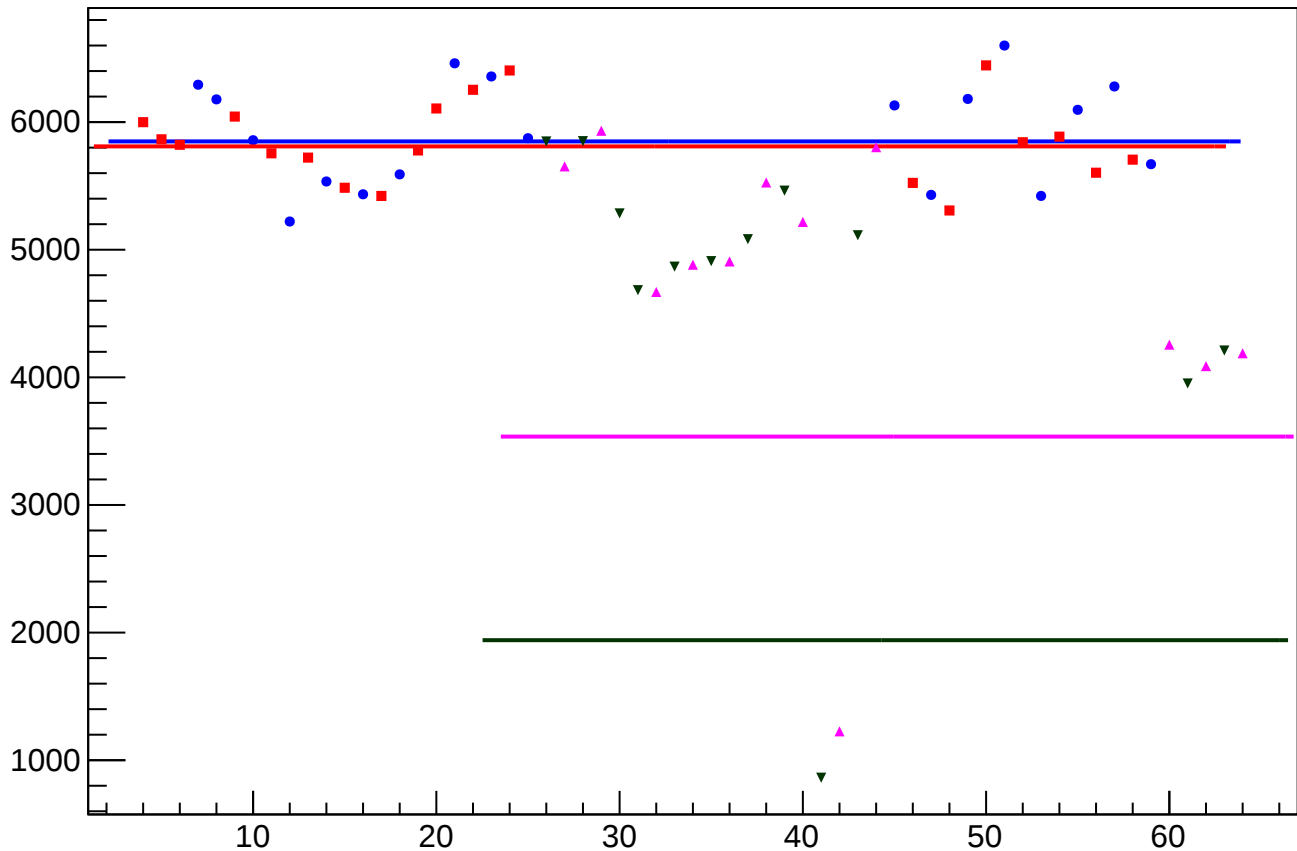
Right Out: 21.314 ± 1.847 χ^2/NDF : 29.5/18

Left In: -11.173 ± 1.518 χ^2/NDF : 80.0/11

7.156 ± 0.913 χ^2/NDF : 592.0/29

1.928 ± 1.173 χ^2/NDF : 294.1/30

diff_bpm0l02Y_rms vs slug



Right In: 5848.690 $\pm$ 1.239 χ^2/NDF : 101335.3/17

Left Out: 1940.535 $\pm$ 0.756 χ^2/NDF : 5831096.4/11

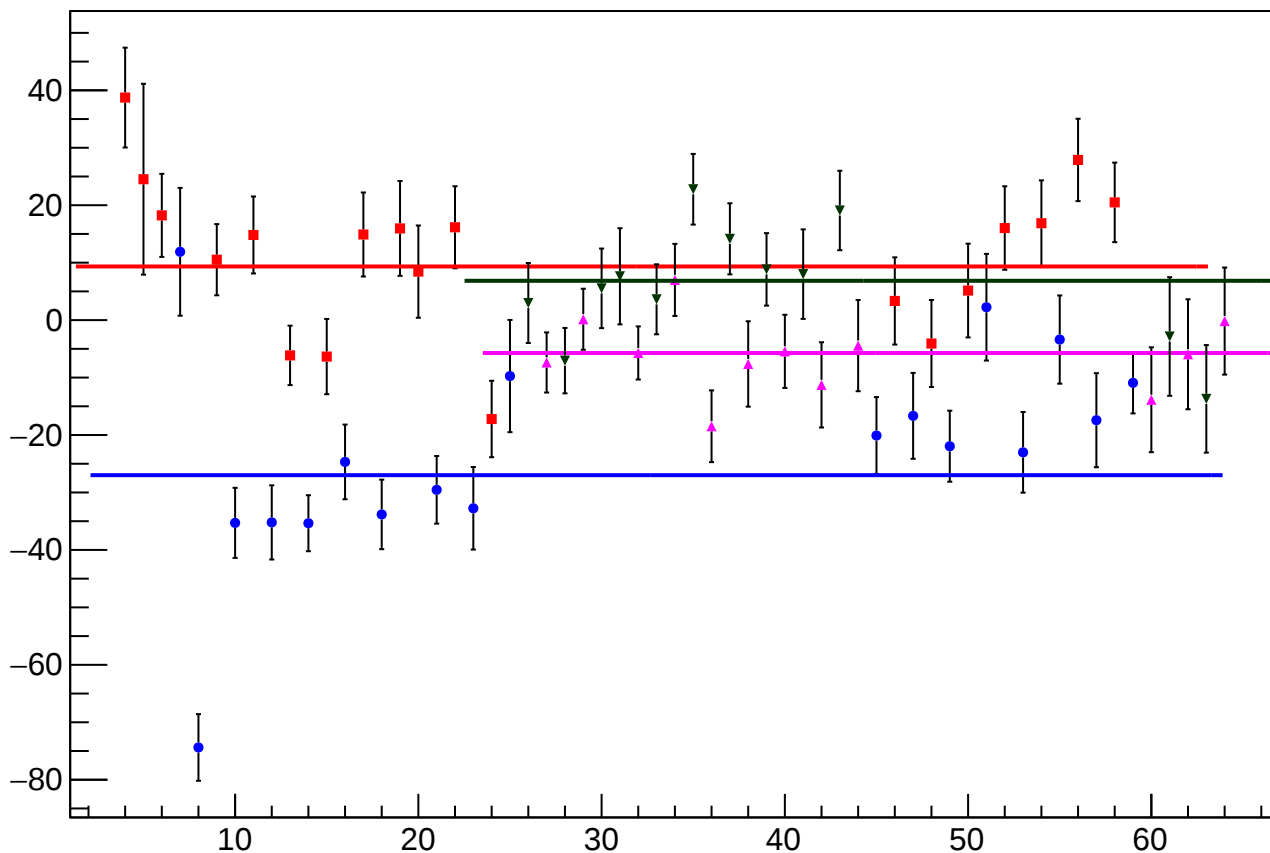
Right Out: 5809.767 $\pm$ 1.306 χ^2/NDF : 53321.4/18

Left In: 3535.811 $\pm$ 1.074 χ^2/NDF : 2959998.6/11

3000.347 $\pm$ 0.645 χ^2/NDF : 13182211.0/29

4452.860 $\pm$ 0.829 χ^2/NDF : 4822293.7/30

diff_bpm0l03X_mean vs slug



Right In: -26.989 ± 1.569 $\chi^2/\text{NDF}: 124.5/17$

Left Out: 6.845 ± 2.002 $\chi^2/\text{NDF}: 23.7/11$

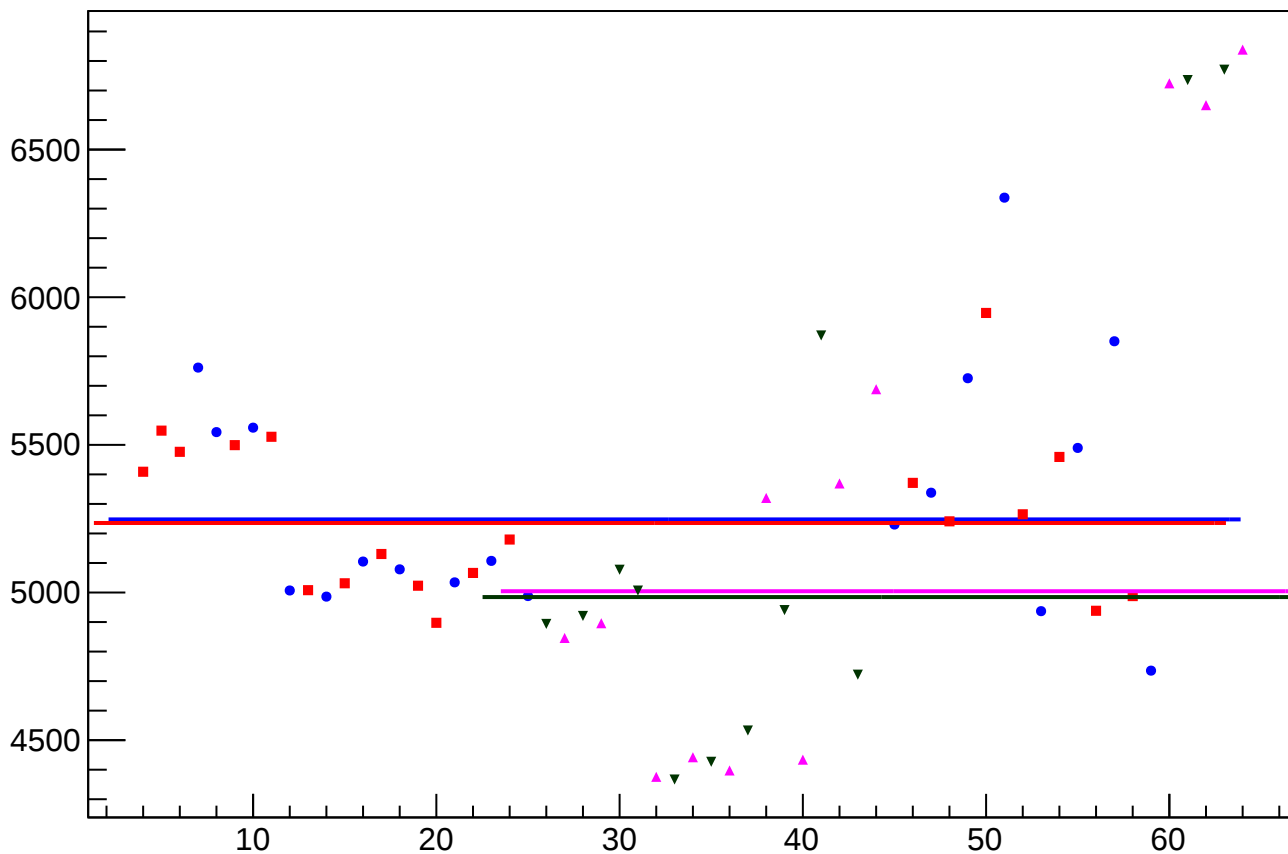
Right Out: 9.337 ± 1.659 $\chi^2/\text{NDF}: 62.4/18$

Left In: -5.720 ± 1.886 $\chi^2/\text{NDF}: 11.4/11$

-14.113 ± 1.235 $\chi^2/\text{NDF}: 325.0/29$

2.768 ± 1.246 $\chi^2/\text{NDF}: 109.8/30$

diff_bpm0l03X_rms vs slug



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

Left Out: 4984.600 ± 1.416 χ^2/NDF : 207833.1/11

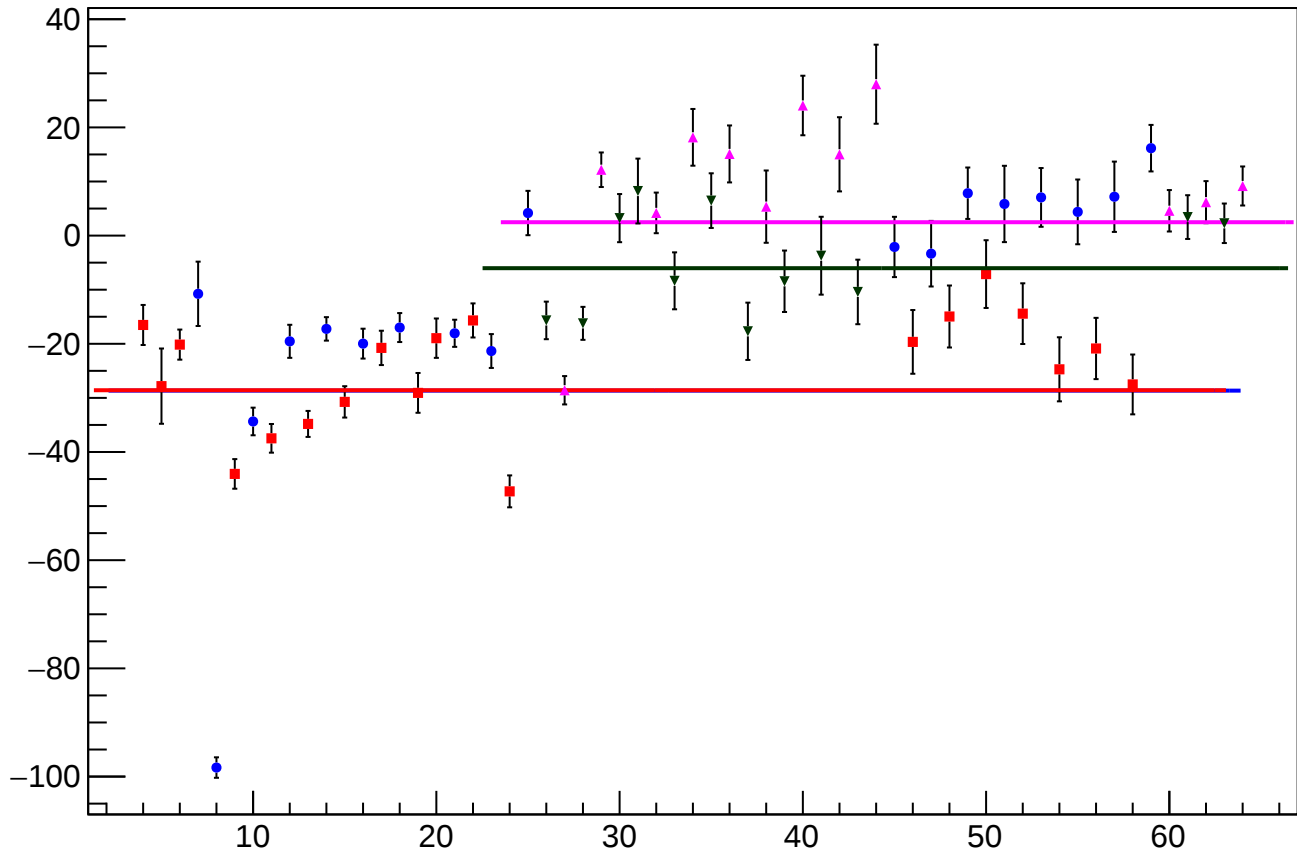
Right Out: 5235.469 ± 1.173 χ^2/NDF : 47165.0/18

Left In: 5004.367 ± 1.334 χ^2/NDF : 321495.8/11

5147.499 ± 0.873 χ^2/NDF : 334830.9/29

5134.652 ± 0.881 χ^2/NDF : 385581.5/30

diff_bpm0l03Y_mean vs slug



Right In: -28.657 $\pm$ 0.782 χ^2 /NDF: 1857.6/17

Left Out: -6.023 $\pm$ 1.297 χ^2 /NDF: 51.5/11

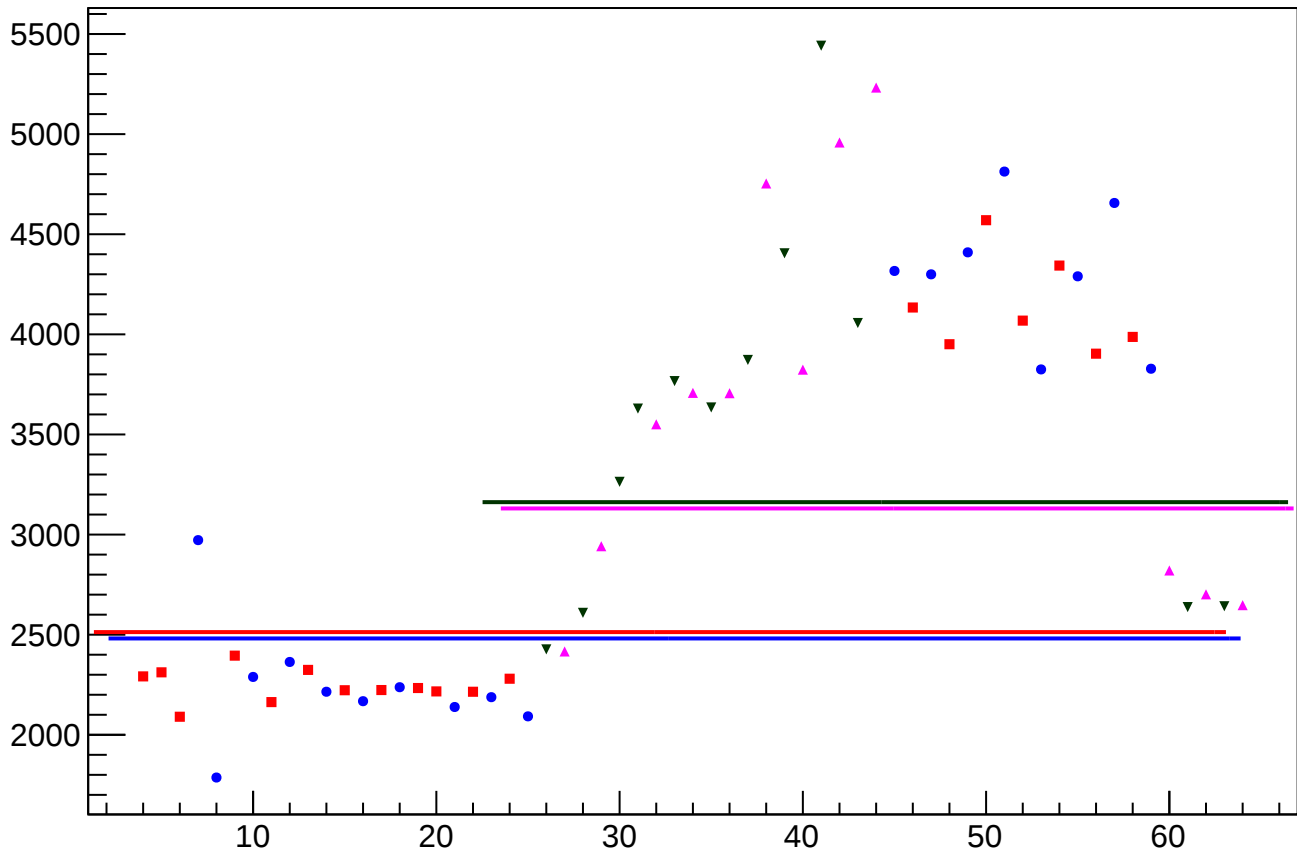
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 2.474 $\pm$ 1.201 χ^2 /NDF: 200.4/11

-22.623 $\pm$ 0.670 χ^2 /NDF: 2132.4/29

-18.602 $\pm$ 0.681 χ^2 /NDF: 823.1/30

diff_bpm0l03Y_rms vs slug



Right In: 2481.193 $\pm$ 0.553 χ^2 /NDF: 2112375.4/17

Left Out: 3161.932 $\pm$ 0.917 χ^2 /NDF:664182.1/11

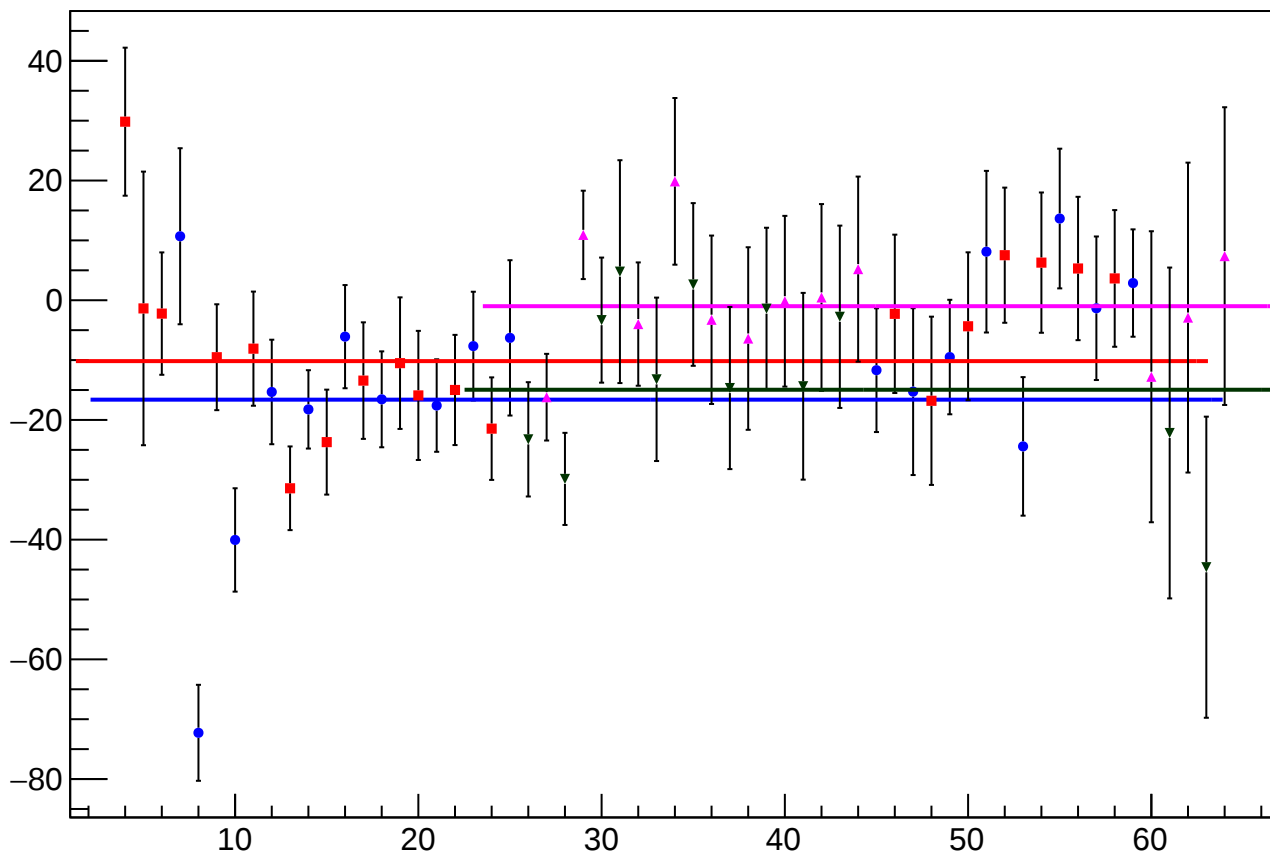
2662.691 $\pm$ 0.474 χ^2 /NDF: 3180580.5/29

Right Out: 2512.934 $\pm$ 0.584 χ^2 /NDF: 1298593.5/18

2711.417 $\pm$ 0.481 χ^2 /NDF: 2416971.9/30

Left In: 3130.467 $\pm$ 0.849 χ^2 /NDF:759446.1/11

diff_bpm0l04X_mean vs slug



Right In: -16.612 ± 2.242 χ^2/NDF : 79.9/17

Left Out: -14.955 ± 3.703 χ^2/NDF : 11.7/11

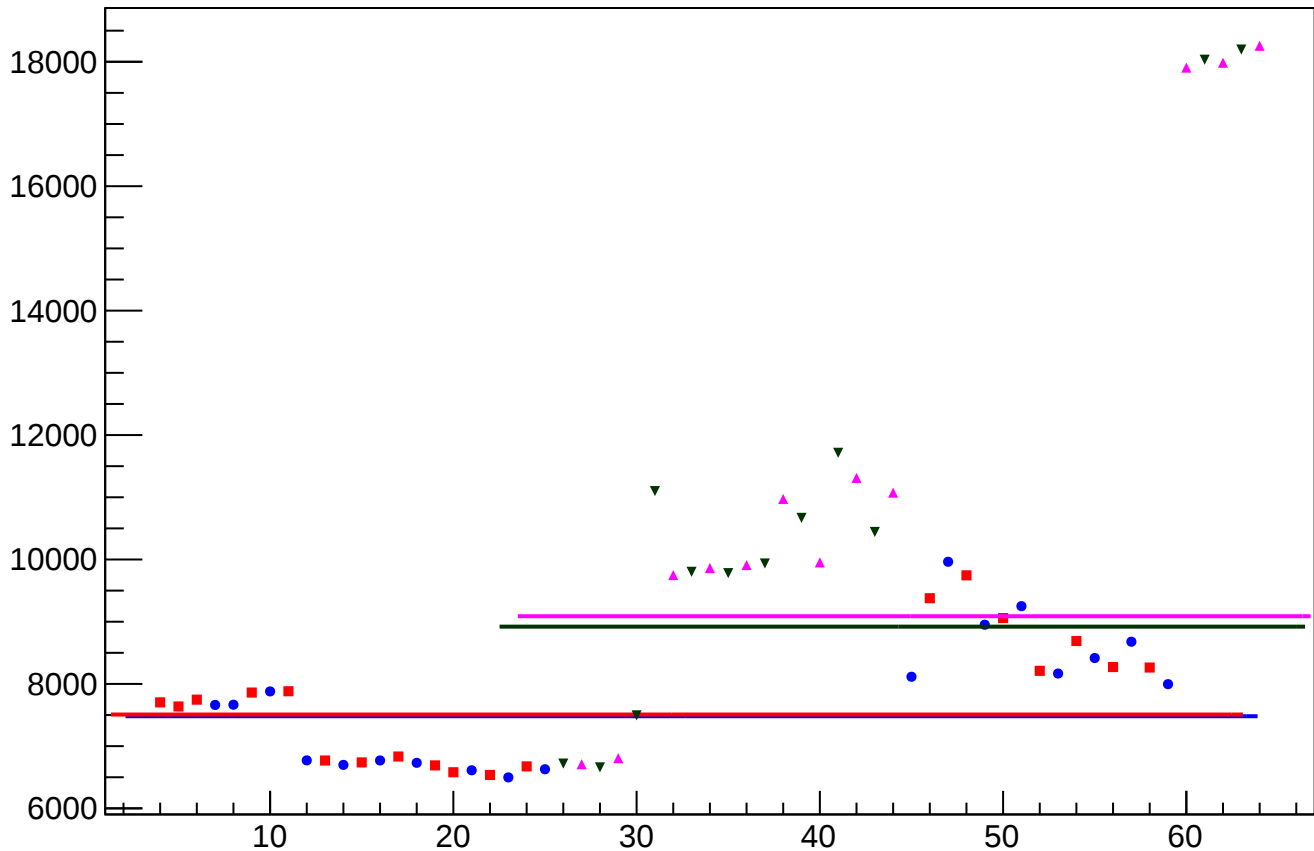
Right Out: -10.172 ± 2.389 χ^2/NDF : 33.7/18

Left In: -0.995 ± 3.550 χ^2/NDF : 10.0/11

-16.167 ± 1.918 χ^2/NDF : 91.7/29

-7.311 ± 1.982 χ^2/NDF : 48.3/30

diff_bpm0l04X_rms vs slug



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

Left Out: 8920.770+/-2.619 χ^2/NDF : 978221.5/11

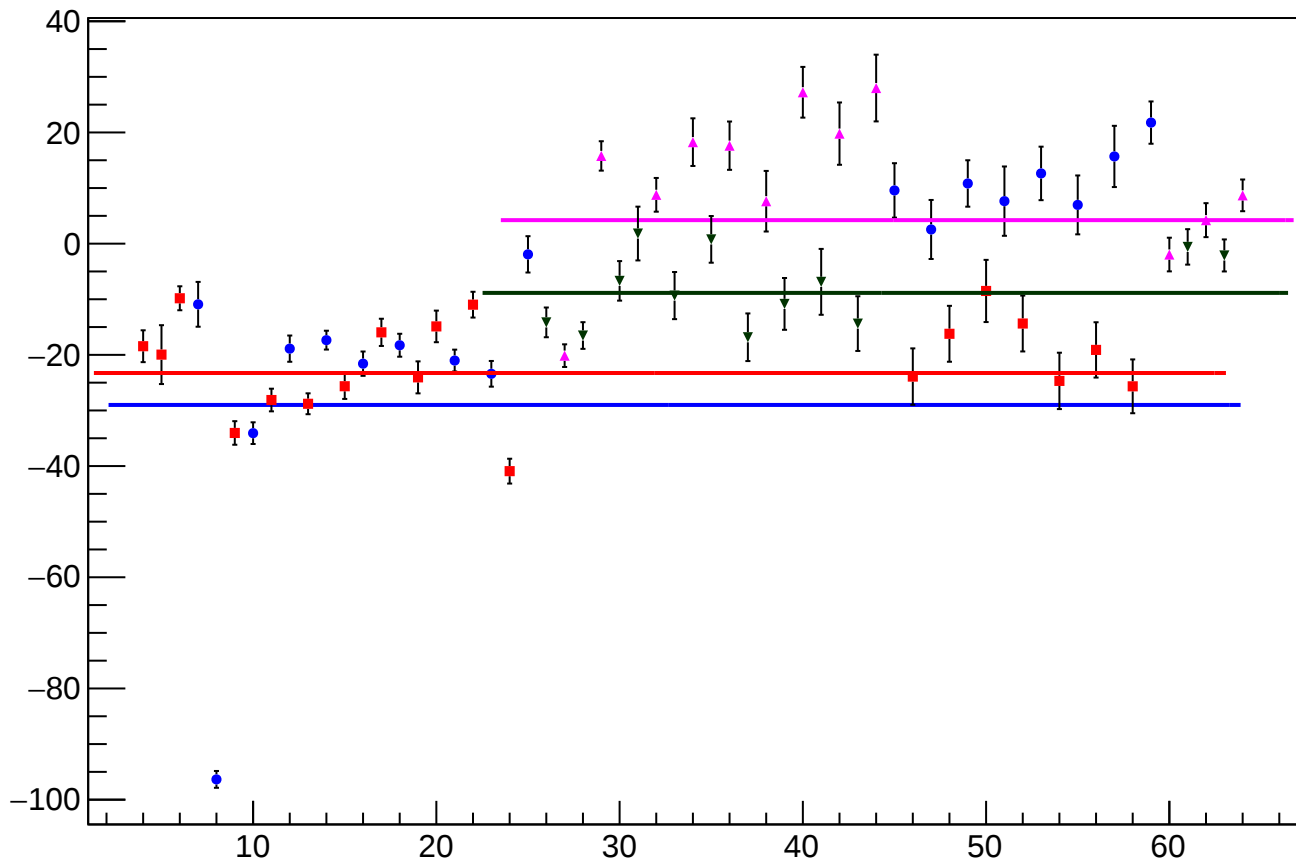
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 9088.003+/-2.510 χ^2/NDF : 1310653.4/11

7866.863+/-1.356 χ^2/NDF : 1534388.0/29

8000.713+/-1.401 χ^2/NDF : 1872728.6/30

diff_bpm0l04Y_mean vs slug



Right In: -29.007 ± 0.618 χ^2/NDF : 2792.0/17

Left Out: -8.855 ± 1.033 χ^2/NDF : 41.9/11

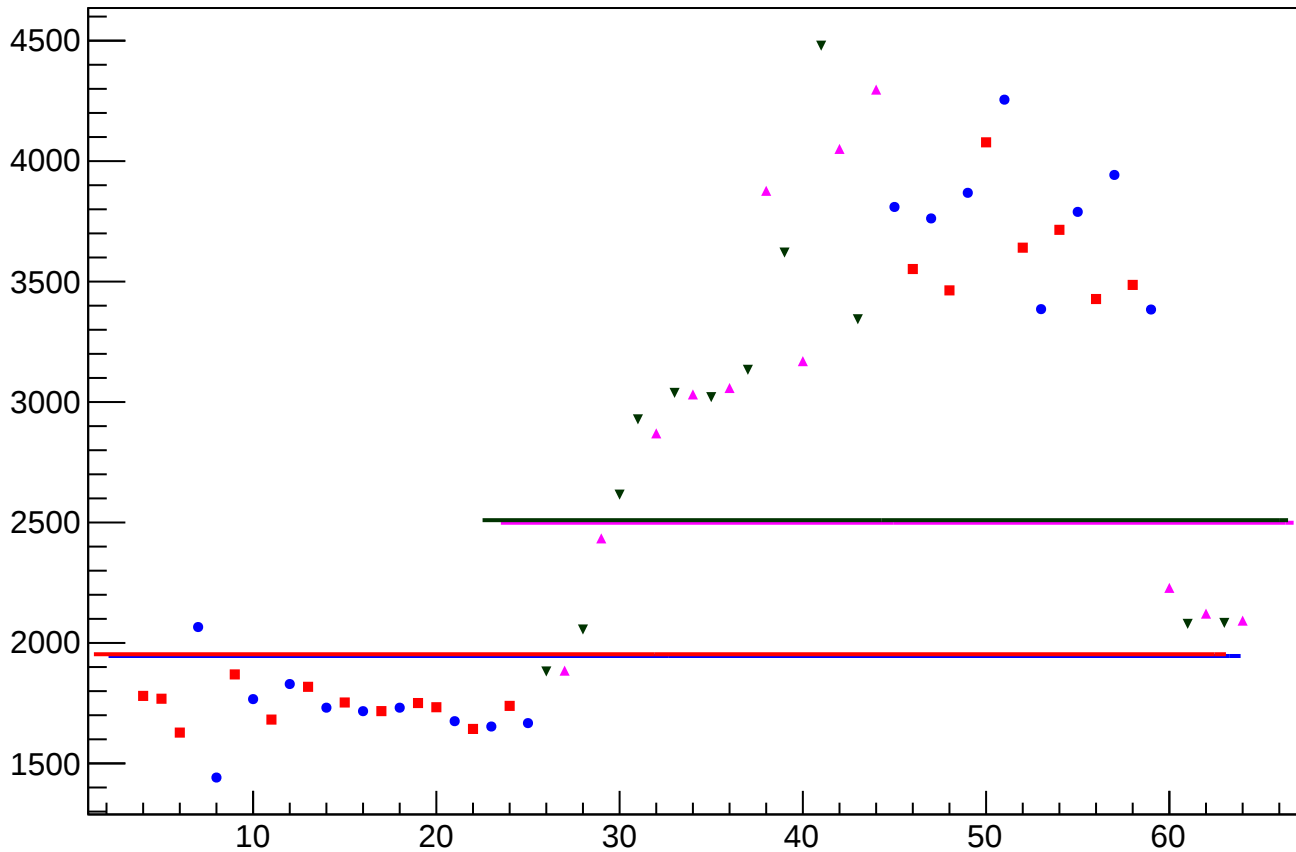
Right Out: -23.263 ± 0.648 χ^2/NDF : 204.8/18

Left In: 4.229 ± 0.962 χ^2/NDF : 240.4/11

-23.691 ± 0.531 χ^2/NDF : 3114.1/29

-14.683 ± 0.537 χ^2/NDF : 1007.0/30

diff_bpm0l04Y_rms vs slug



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

Left Out: 2509.659+/-0.730 χ^2/NDF : 774285.9/11

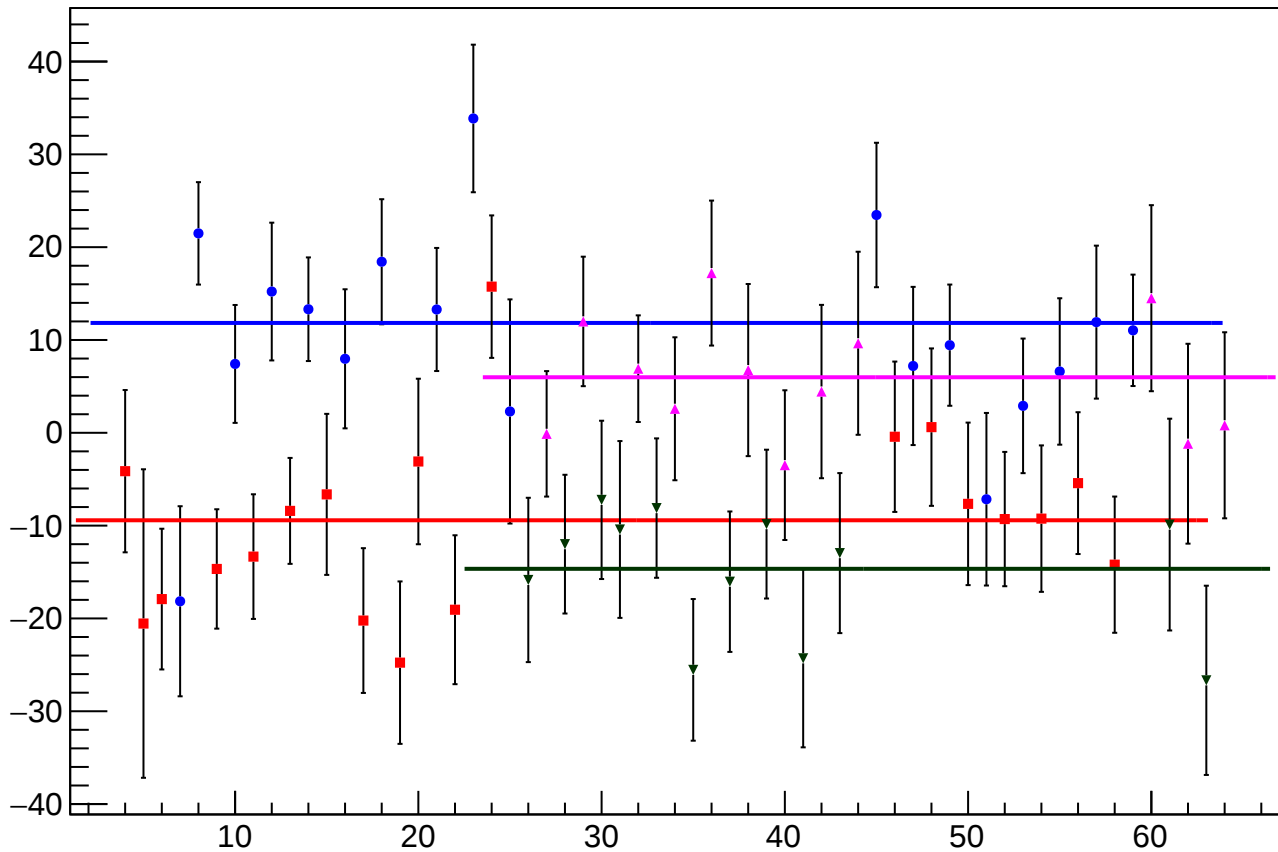
2094.594+/-0.375 χ^2/NDF : 3812423.1/29

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

2123.496+/-0.380 χ^2/NDF : 3036626.4/30

Left In: 2498.970+/-0.680 χ^2/NDF : 867870.3/11

diff_bpm0l05X_mean vs slug



Right In: 11.837 ± 1.701 $\chi^2/\text{NDF}: 30.8/17$

Left Out: -14.654 ± 2.462 $\chi^2/\text{NDF}: 6.9/11$

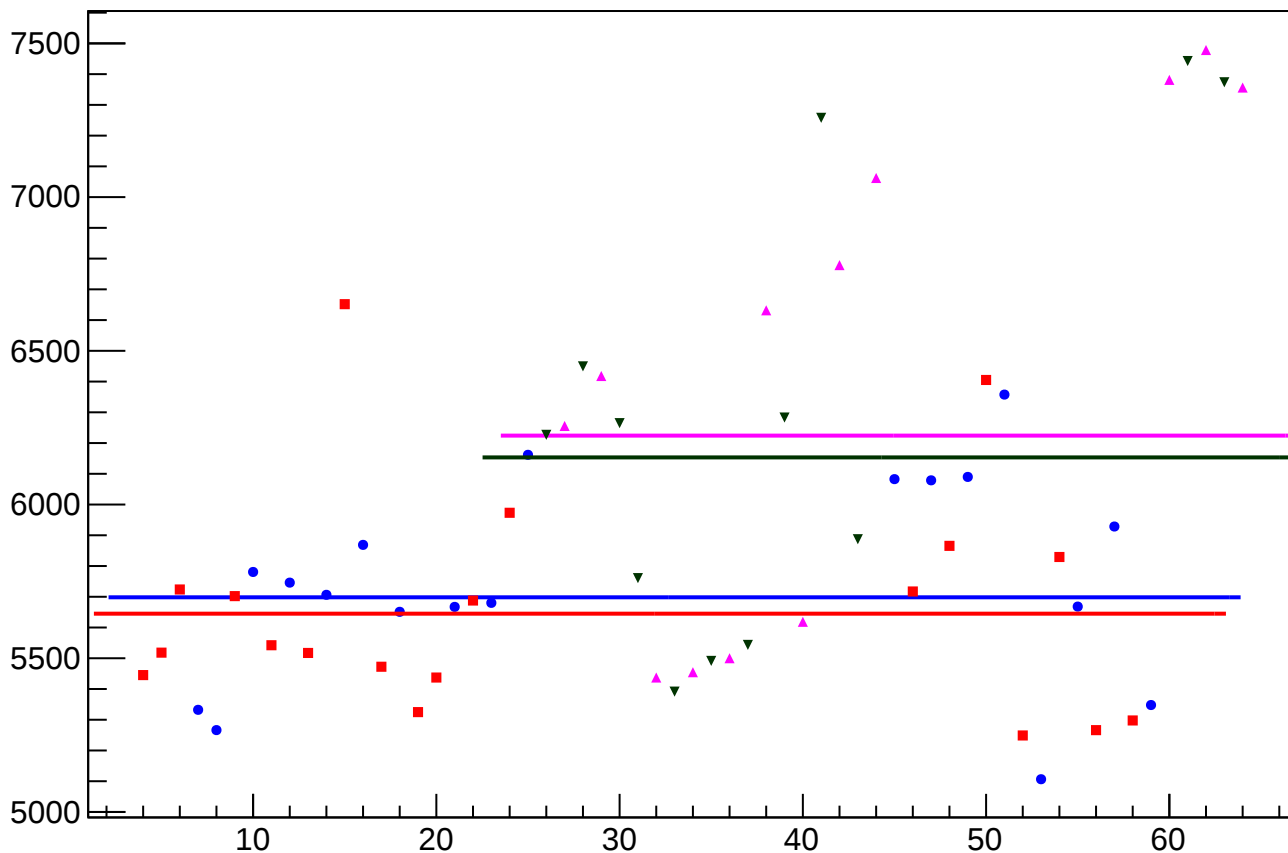
Right Out: -9.425 ± 1.790 $\chi^2/\text{NDF}: 24.3/18$

Left In: 5.984 ± 2.336 $\chi^2/\text{NDF}: 6.8/11$

3.276 ± 1.400 $\chi^2/\text{NDF}: 116.1/29$

-3.724 ± 1.421 $\chi^2/\text{NDF}: 58.5/30$

diff_bpm0l05X_rms vs slug



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

Left Out: 6153.313+/-1.741 χ^2/NDF :138795.1/11

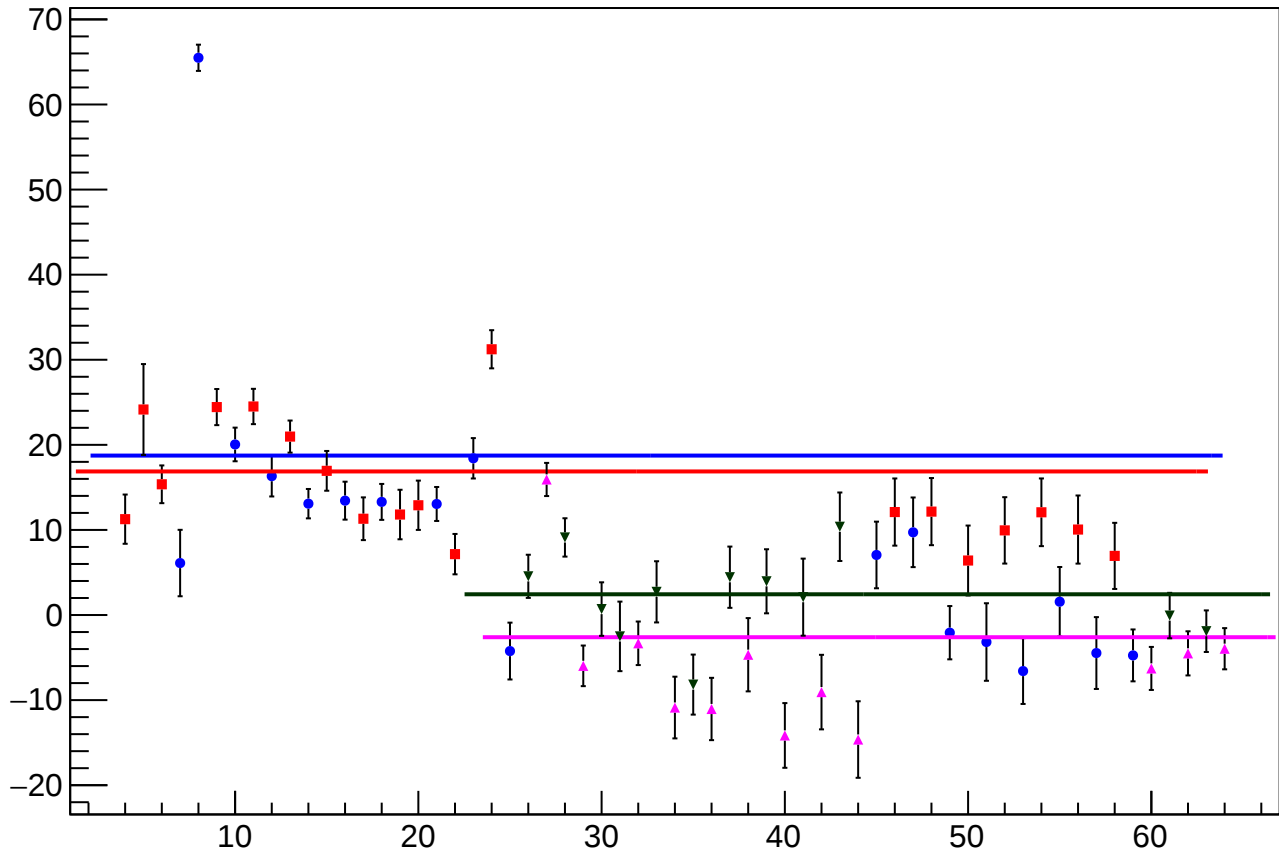
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6224.219+/-1.652 χ^2/NDF :192234.5/11

5845.315+/-0.990 χ^2/NDF : 252264.6/29

5859.291+/-1.005 χ^2/NDF : 341189.8/30

diff_bpm0l05Y_mean vs slug



Right In: 18.738 $\pm$ 0.602 χ^2 /NDF: 1241.3/17

Left Out: 2.438 $\pm$ 0.899 χ^2 /NDF: 28.7/11

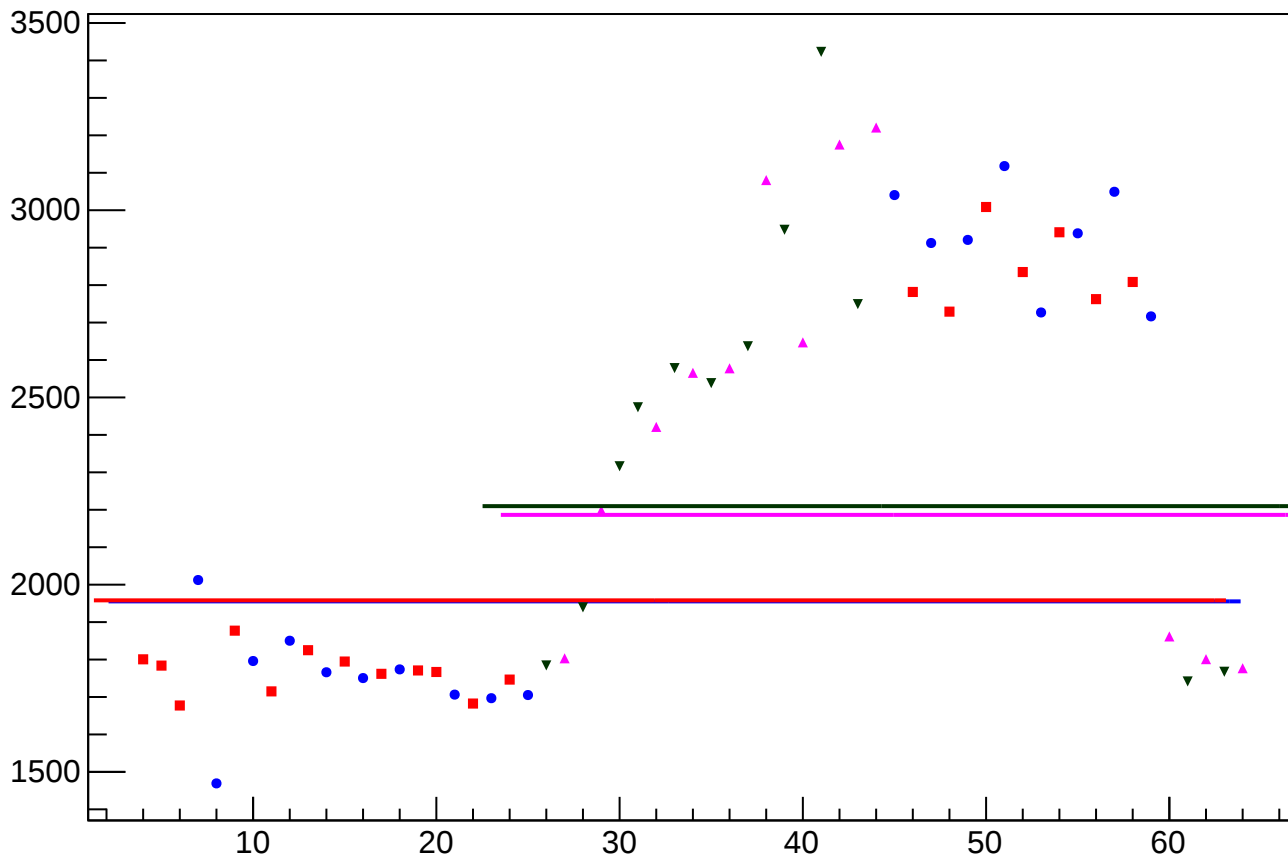
Right Out: 16.874 $\pm$ 0.633 χ^2 /NDF: 128.0/18

Left In: -2.608 $\pm$ 0.833 χ^2 /NDF: 124.8/11

13.697 $\pm$ 0.500 χ^2 /NDF: 1497.0/29

9.734 $\pm$ 0.504 χ^2 /NDF: 599.8/30

diff_bpm0l05Y_rms vs slug



Right In: 1955.370+/-0.425 χ^2/NDF : 1375682.1/17

Left Out: 2209.725+/-0.636 χ^2/NDF : 545557.4/11

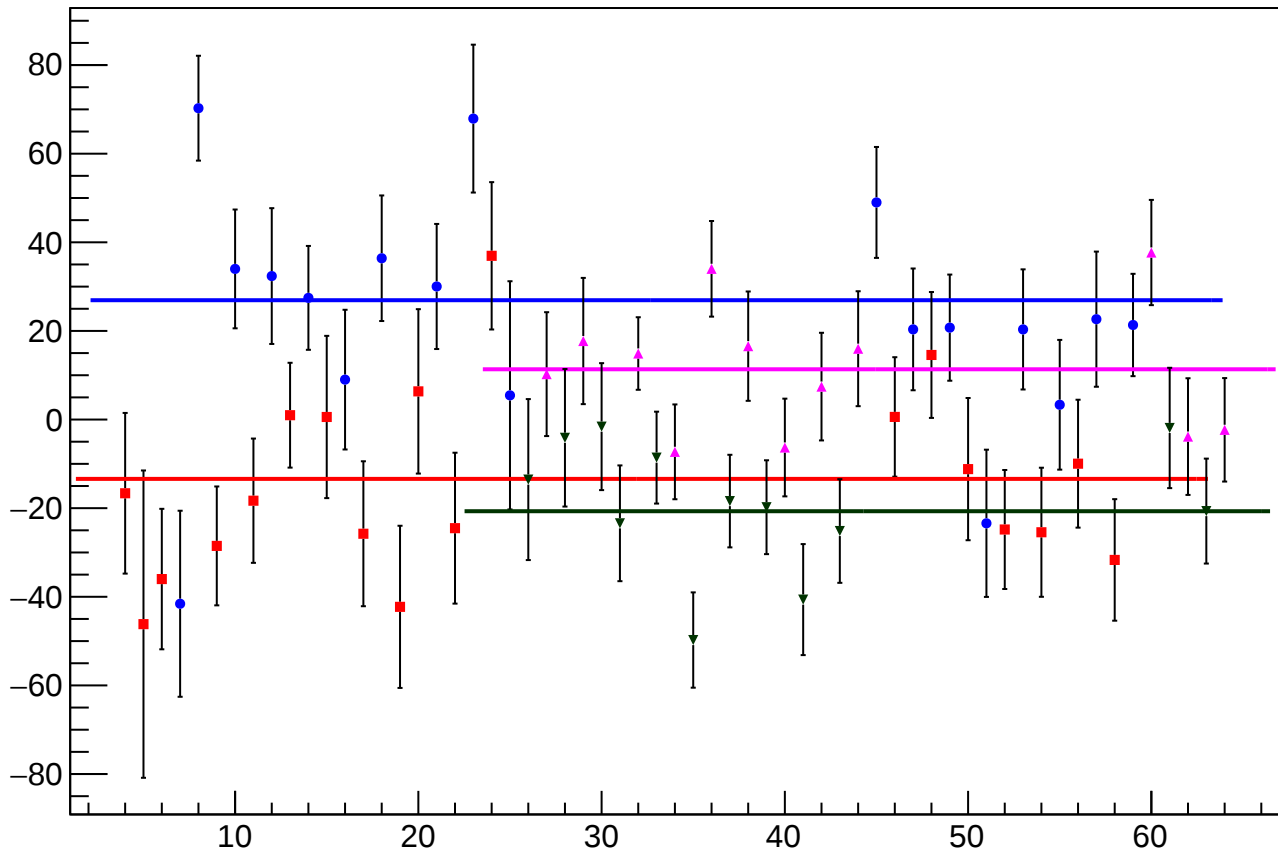
Right Out: 1958.115+/-0.448 χ^2/NDF : 858074.3/18

Left In: 2186.380+/-0.589 χ^2/NDF : 596676.9/11

2034.038+/-0.354 χ^2/NDF : 2031790.6/29

2041.770+/-0.356 χ^2/NDF : 1549999.0/30

diff_bpm0l06X_mean vs slug



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

Left Out: -20.689 ± 3.532 χ^2/NDF : 16.4/11

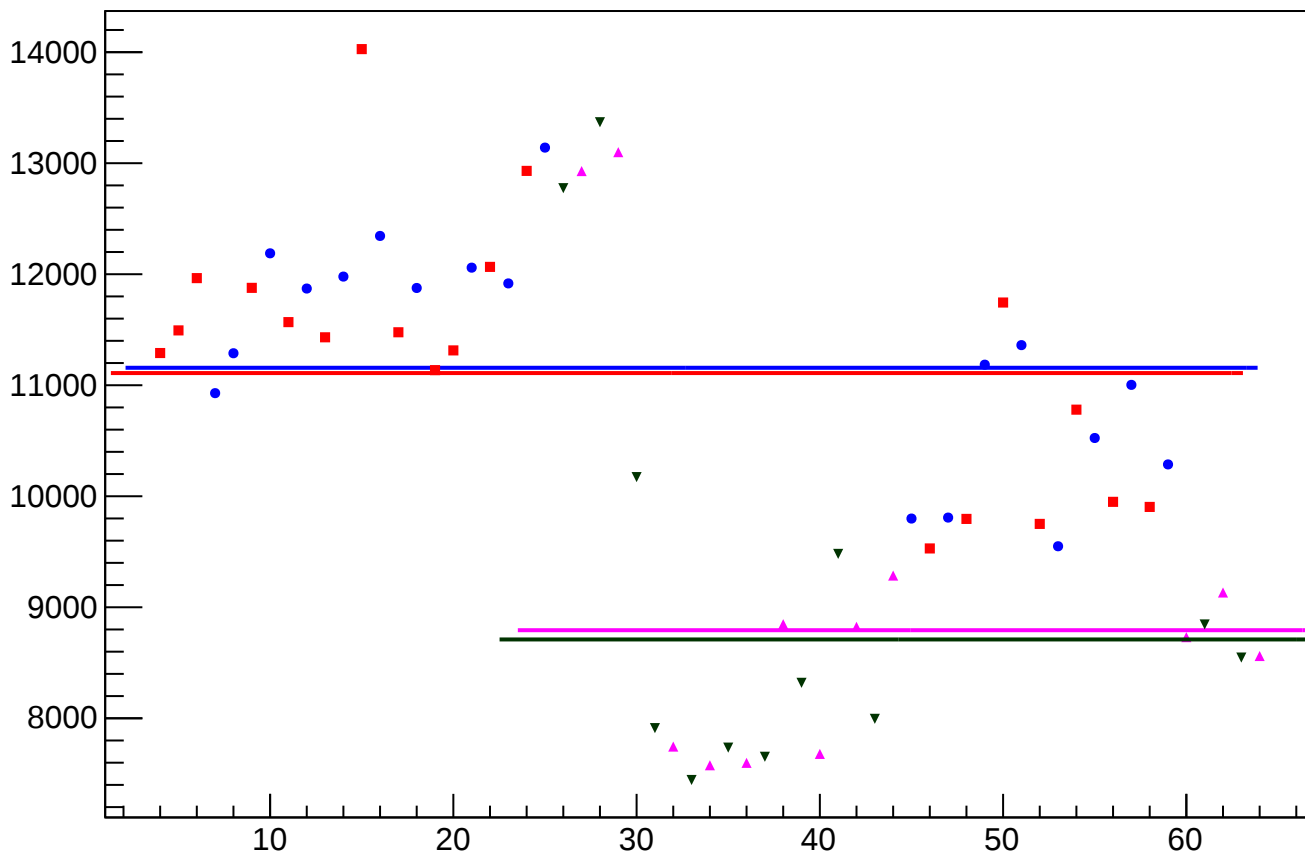
Right Out: -13.392 ± 3.535 χ^2/NDF : 28.4/18

Left In: 11.344 ± 3.333 χ^2/NDF : 18.4/11

4.470 ± 2.425 χ^2/NDF : 161.4/29

-0.299 ± 2.425 χ^2/NDF : 72.8/30

diff_bpm0l06X_rms vs slug



Right In: 11157.335 $\pm$ 2.359 χ^2 /NDF: 153724.7/17

Left Out: 8710.075 $\pm$ 2.497 χ^2 /NDF:393710.3/11

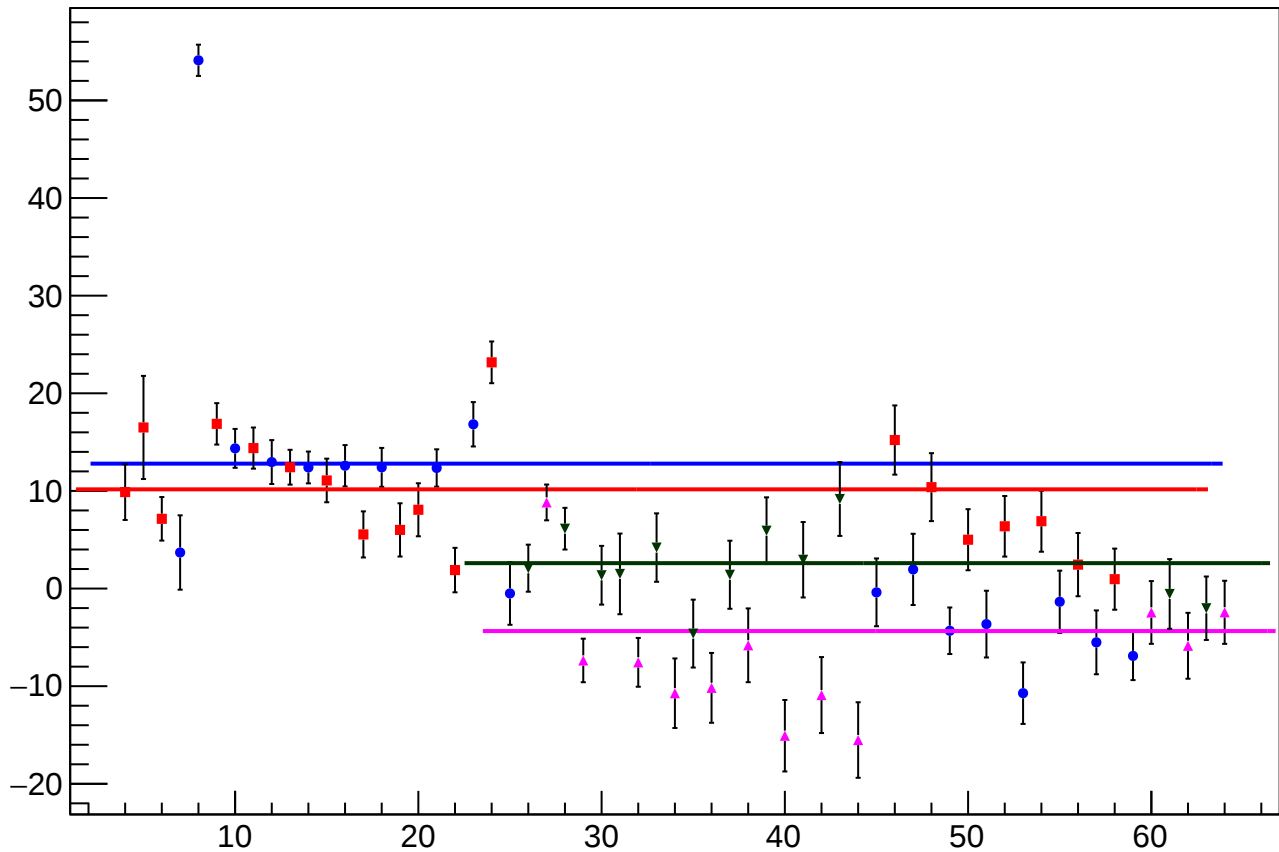
Right Out: 11109.639 $\pm$ 2.499 χ^2 /NDF: 196396.7/18

Left In: 8793.410 $\pm$ 2.357 χ^2 /NDF:466513.3/11

10003.059 $\pm$ 1.715 χ^2 /NDF: 1054850.2/29

9883.678 $\pm$ 1.715 χ^2 /NDF: 1117479.8/30

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.603 ± 0.912 χ^2/NDF : 14.4/11

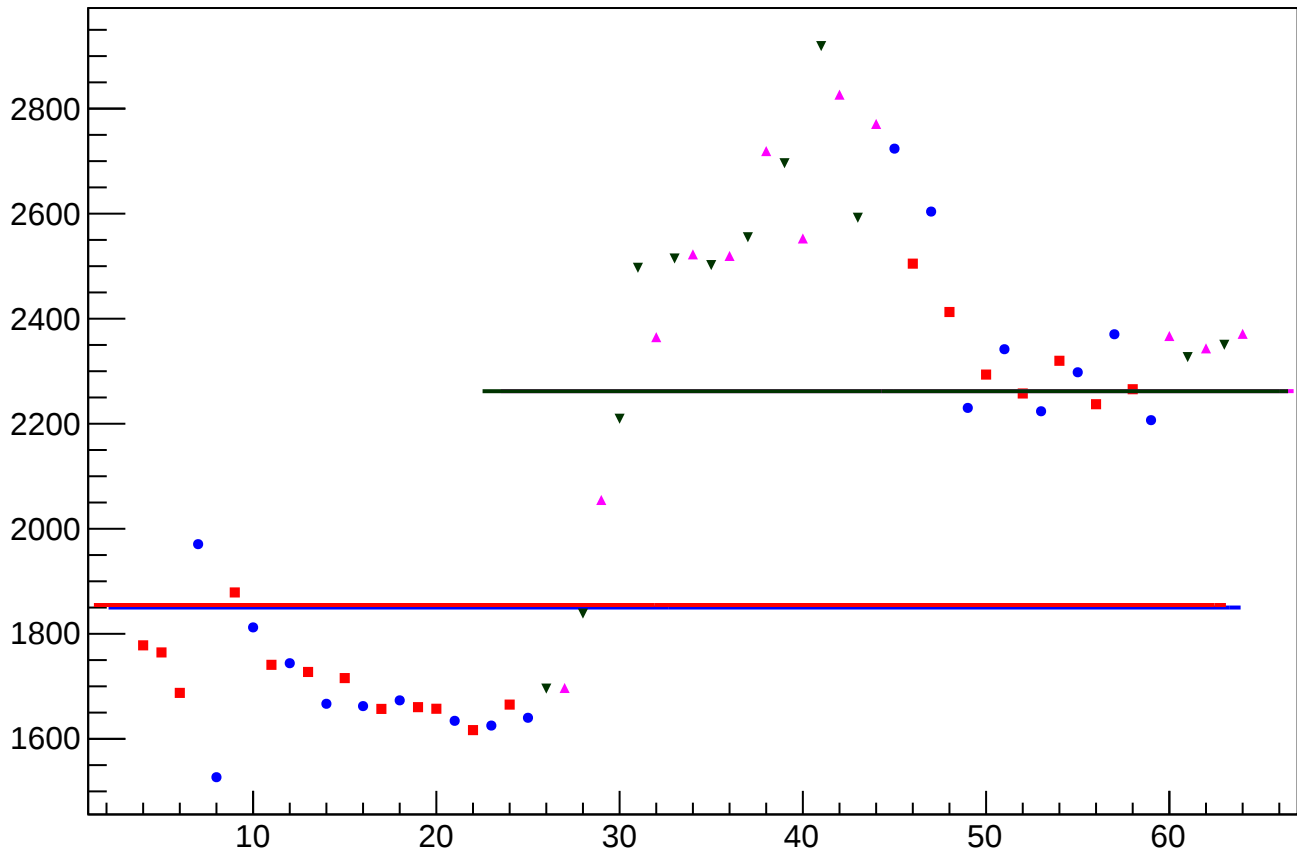
Right Out: 10.162 ± 0.592 χ^2/NDF : 97.7/18

Left In: -4.353 ± 0.853 χ^2/NDF : 81.8/11

10.010 ± 0.477 χ^2/NDF : 1066.2/29

5.441 ± 0.487 χ^2/NDF : 374.7/30

diff_bpm0l06Y_rms vs slug



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

Left Out: 2261.938+/-0.645 χ^2/NDF : 337754.2/11

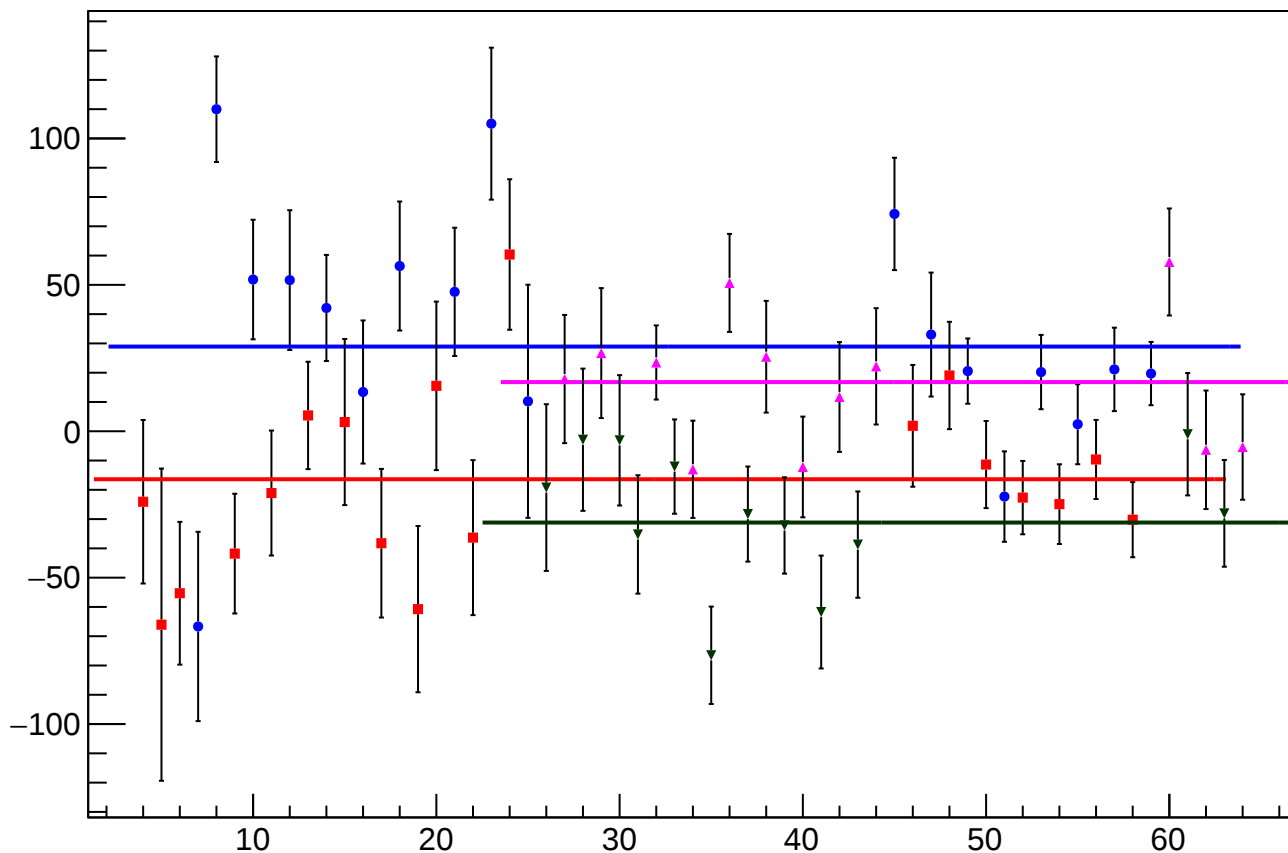
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2262.090+/-0.603 χ^2/NDF : 356021.0/11

1962.570+/-0.337 χ^2/NDF : 1297404.1/29

1987.300+/-0.344 χ^2/NDF : 1071419.6/30

diff_bpm0l07X_mean vs slug



Right In: 28.924 ± 4.035 $\chi^2/\text{NDF}: 65.6/17$

Left Out: -31.176 ± 5.473 $\chi^2/\text{NDF}: 16.8/11$

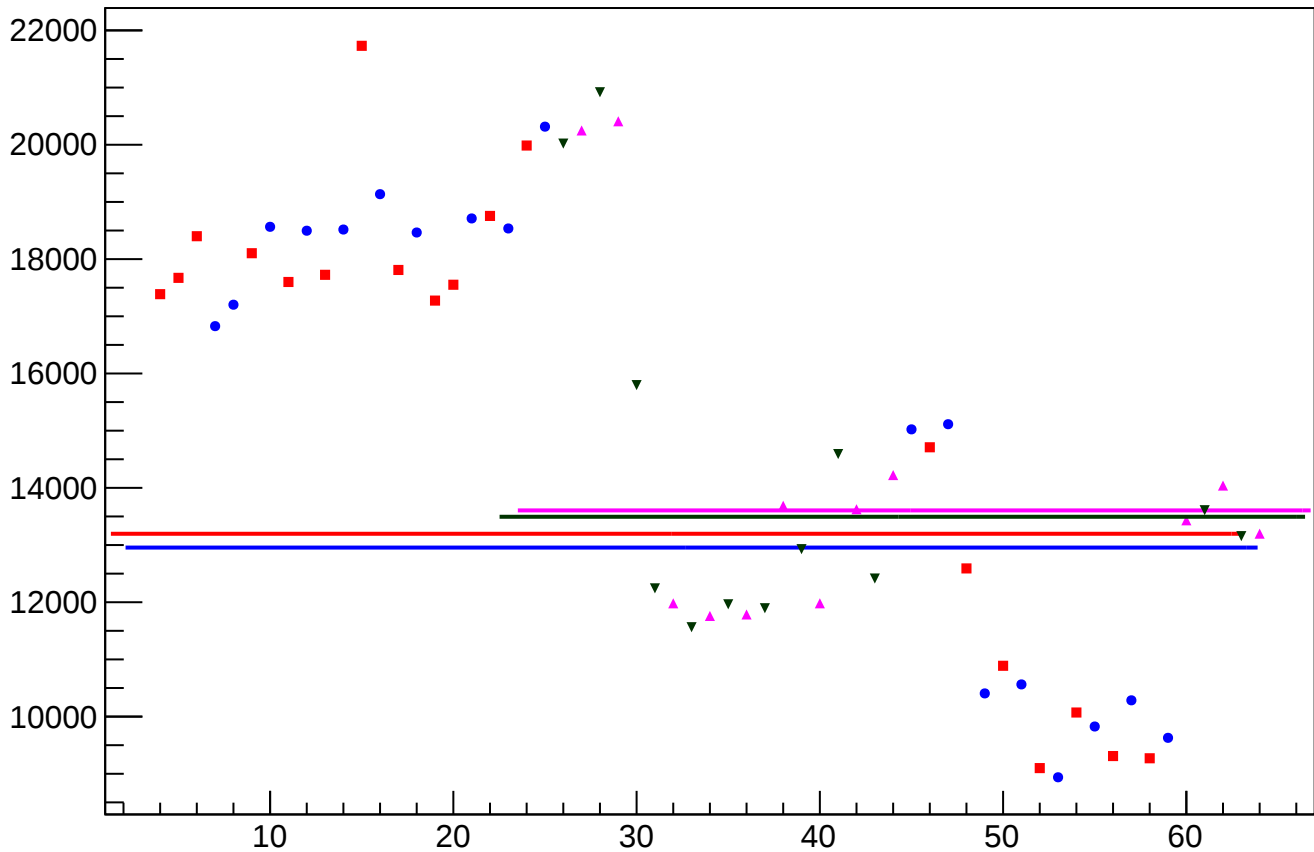
Right Out: -16.388 ± 4.377 $\chi^2/\text{NDF}: 27.5/18$

Left In: 16.791 ± 5.159 $\chi^2/\text{NDF}: 18.8/11$

7.760 ± 3.248 $\chi^2/\text{NDF}: 160.6/29$

-2.501 ± 3.338 $\chi^2/\text{NDF}: 70.4/30$

diff_bpm0l07X_rms vs slug



Right In: 12955.913+/-2.853 χ^2/NDF : 1900634.7/17

Left Out: 13494.562+/-3.870 χ^2/NDF : 402843.4/11

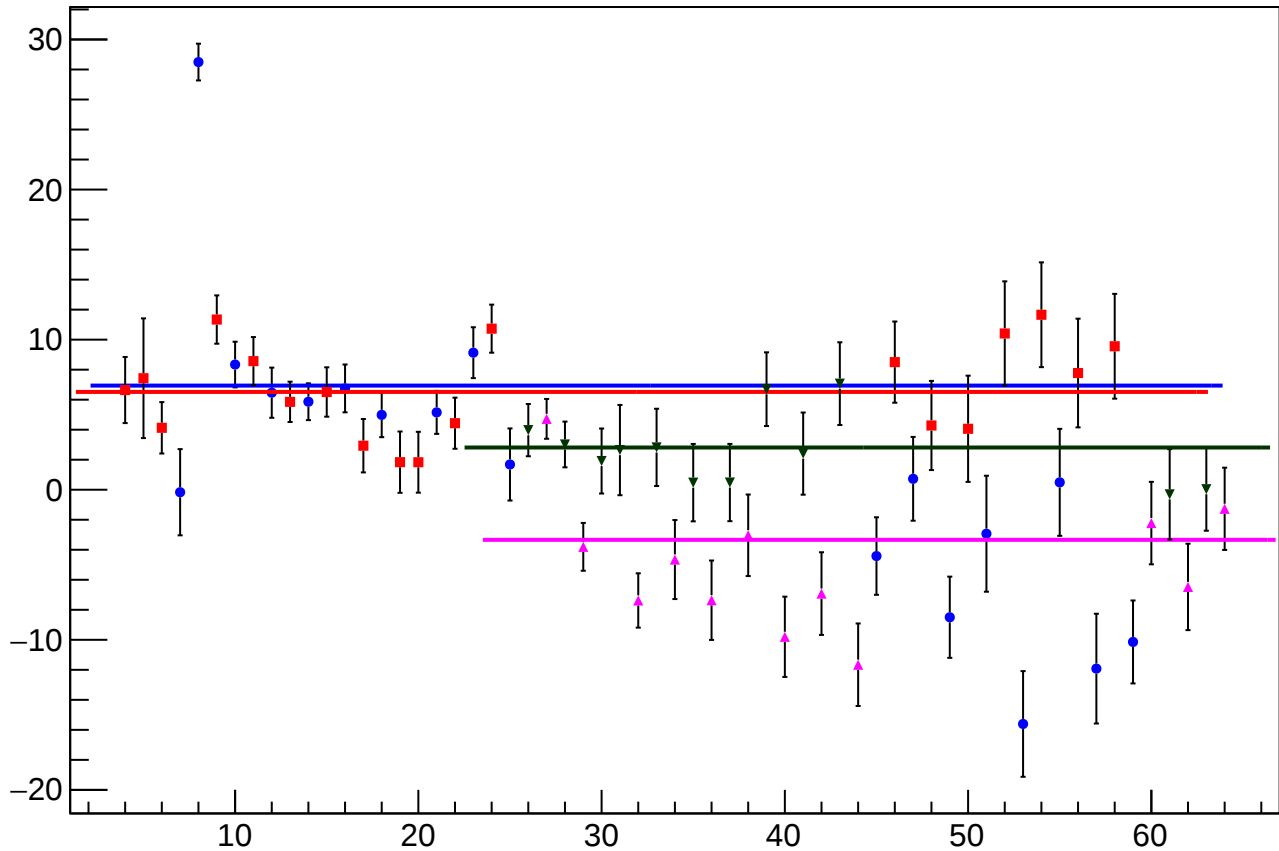
13145.598+/-2.297 χ^2/NDF : 2316028.4/29

Right Out: 13197.185+/-3.095 χ^2/NDF : 1767752.6/18

13368.219+/-2.360 χ^2/NDF : 2250420.8/30

Left In: 13605.813+/-3.648 χ^2/NDF : 475372.1/11

diff_bpm0l07Y_mean vs slug



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

Left Out: 2.813 ± 0.673 χ^2/NDF : 9.3/11

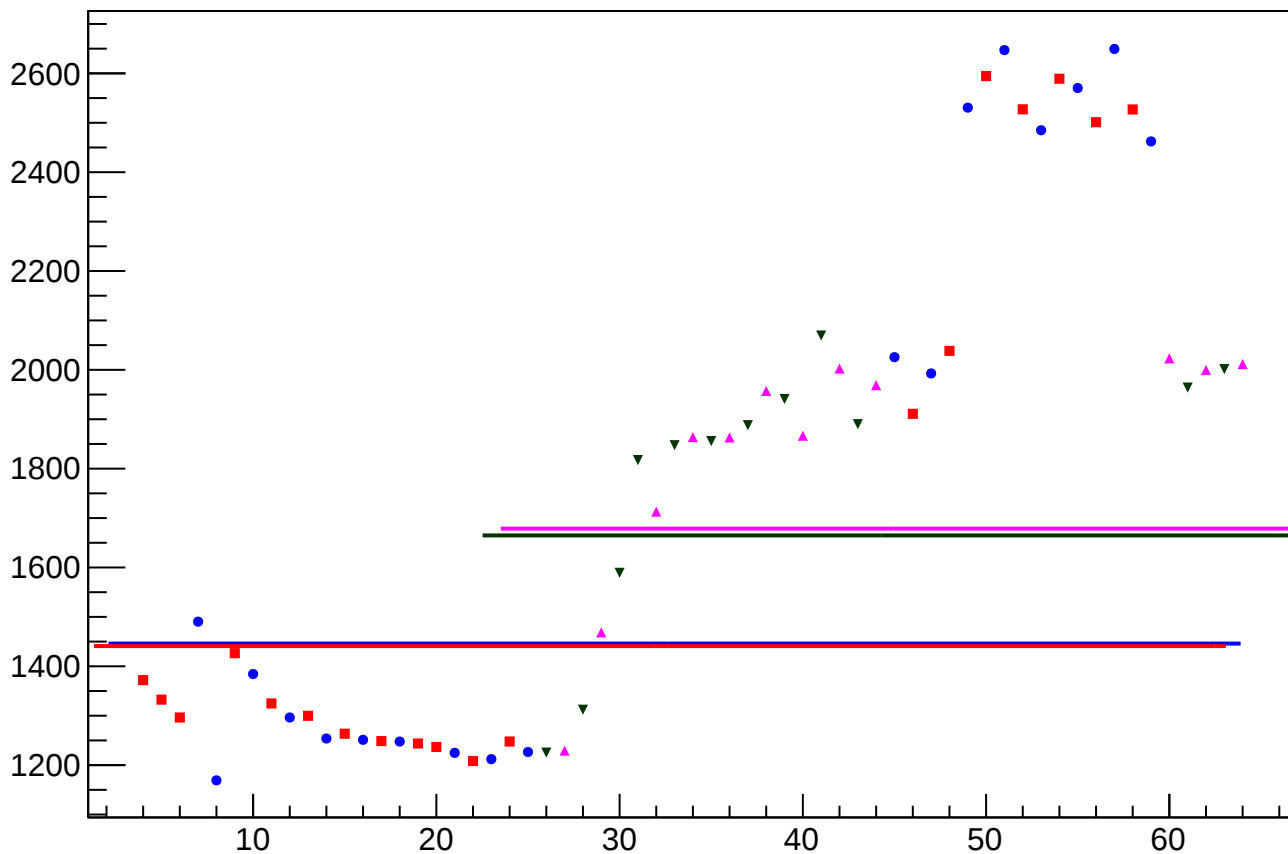
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -3.339 ± 0.635 χ^2/NDF : 63.1/11

5.666 ± 0.374 χ^2/NDF : 534.8/29

3.015 ± 0.379 χ^2/NDF : 260.2/30

diff_bpm0l07Y_rms vs slug



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

Left Out: 1664.880+/-0.476 χ^2/NDF : 410000.0/11

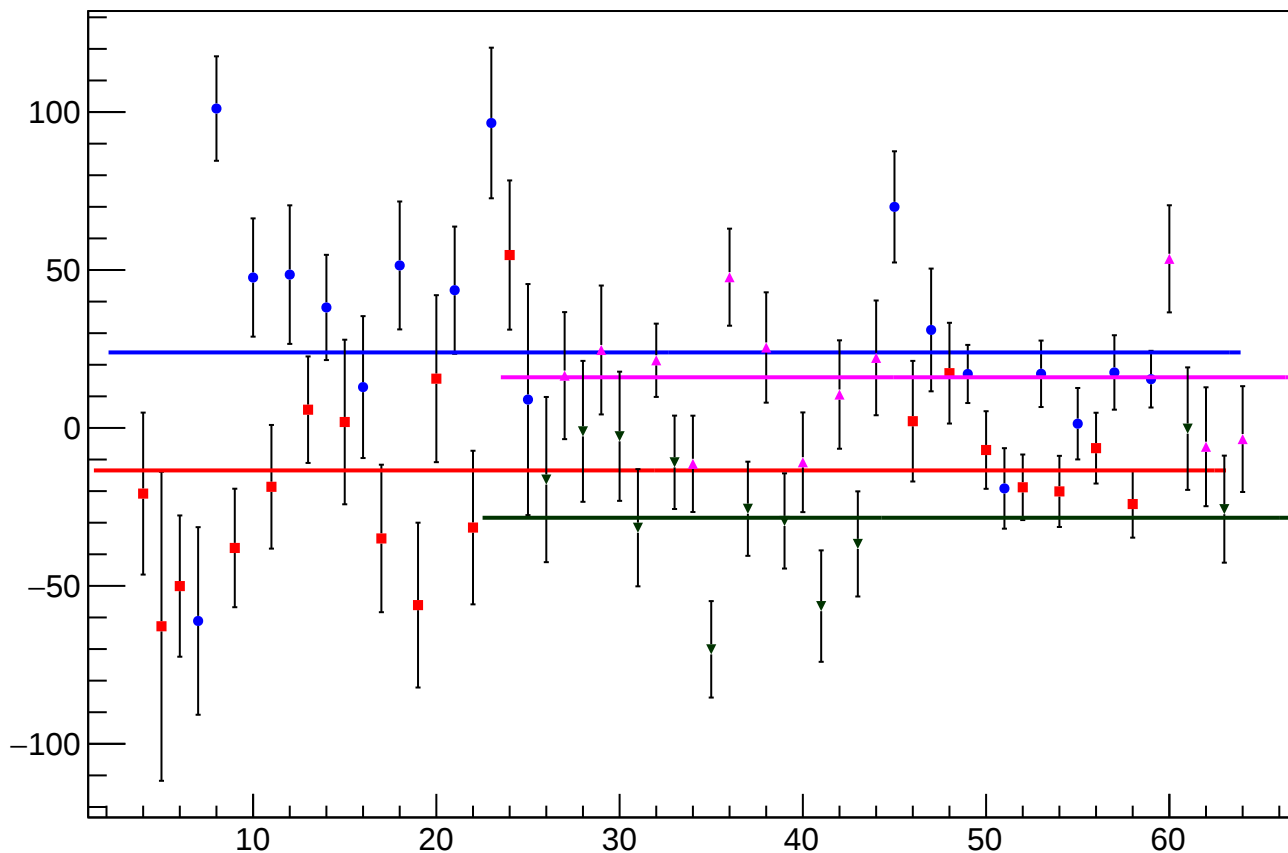
Right Out: 1440.962+/-0.333 χ^2/NDF : 1333198.7/18

Left In: 1678.654+/-0.449 χ^2/NDF : 450857.7/11

1513.569+/-0.264 χ^2/NDF : 2447755.5/29

1525.433+/-0.268 χ^2/NDF : 1964619.7/30

diff_bpm0l08X_mean vs slug



Right In: 23.908 ± 3.470 χ^2/NDF : 70.6/17

Left Out: -28.435 ± 5.031 χ^2/NDF : 17.1/11

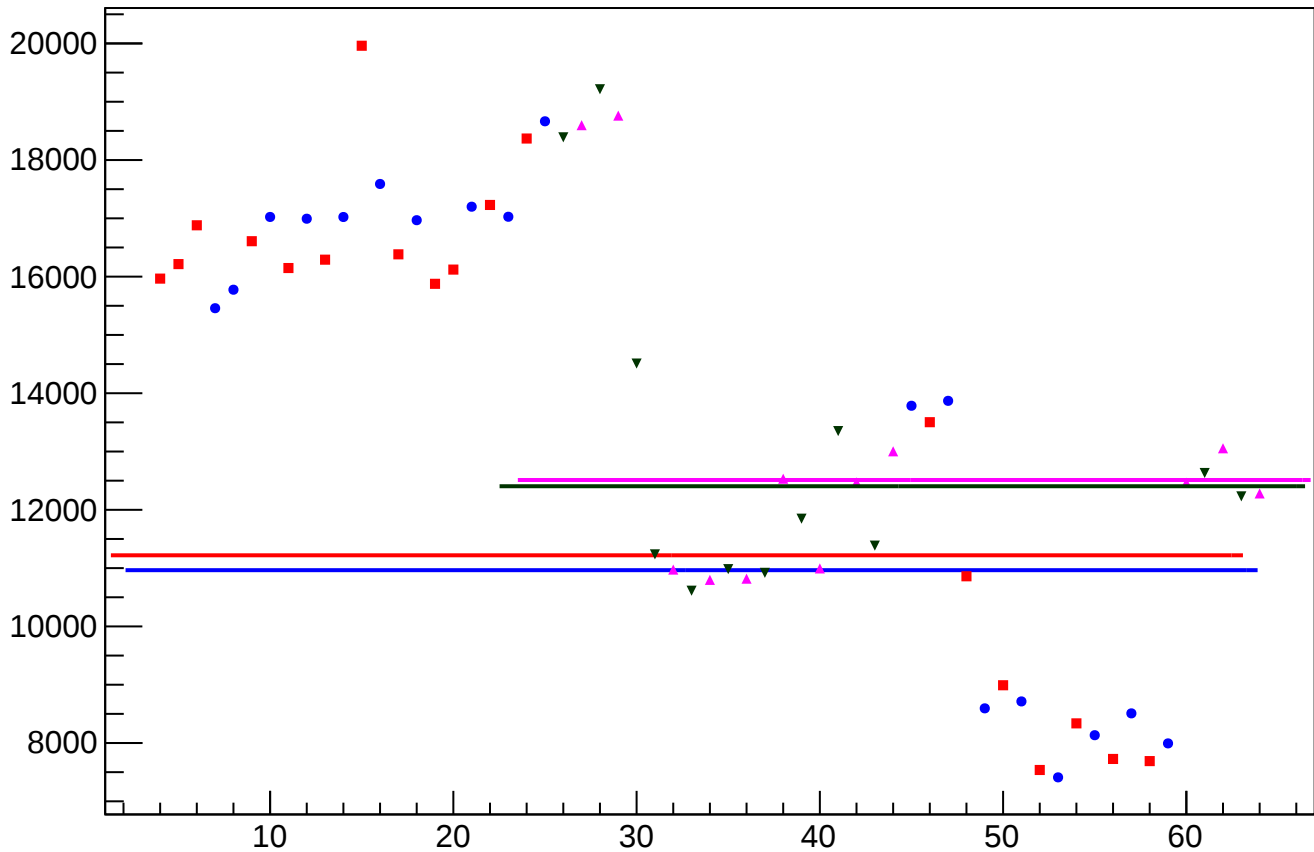
Right Out: -13.450 ± 3.783 χ^2/NDF : 27.5/18

Left In: 16.039 ± 4.744 χ^2/NDF : 18.9/11

7.035 ± 2.856 χ^2/NDF : 161.1/29

-1.987 ± 2.958 χ^2/NDF : 70.0/30

diff_bpm0l08X_rms vs slug



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

Left Out: 12404.619+/-3.558 χ^2/NDF :403354.9/11

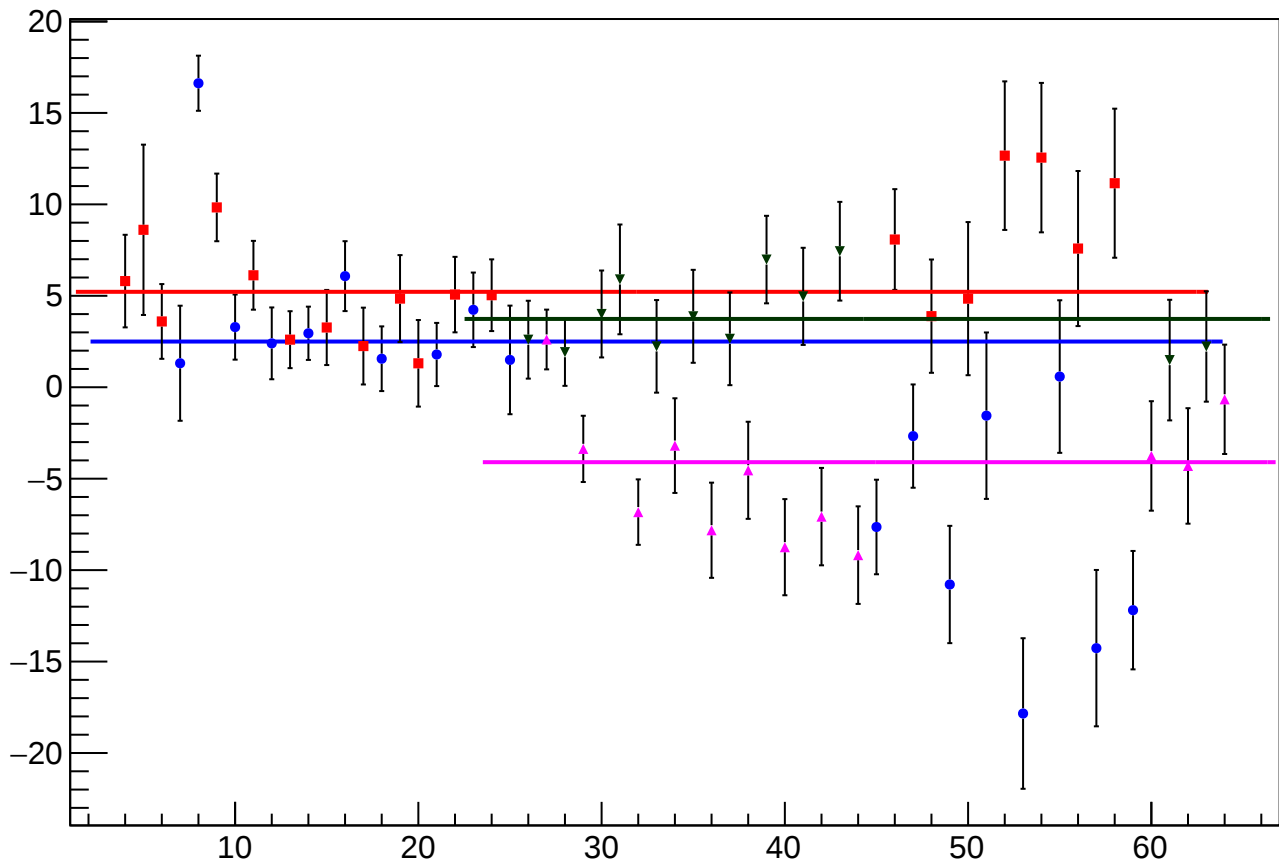
11428.889+/-2.020 χ^2/NDF : 3065204.8/29

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

11722.099+/-2.092 χ^2/NDF : 2912185.7/30

Left In: 12511.760+/-3.355 χ^2/NDF :477591.0/11

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.735 ± 0.721 χ^2/NDF : 7.0/11

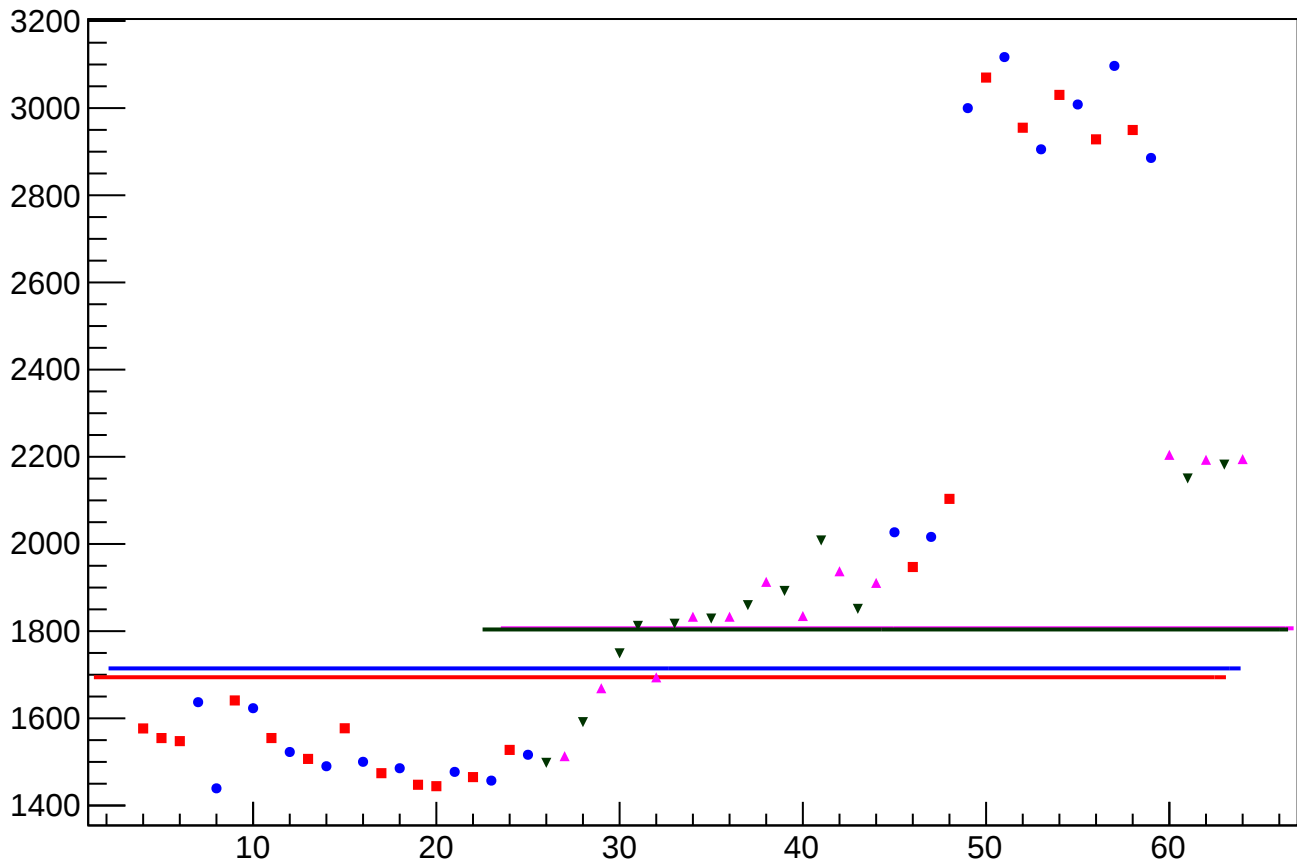
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -4.098 ± 0.677 χ^2/NDF : 30.9/11

2.933 ± 0.427 χ^2/NDF : 199.2/29

1.493 ± 0.428 χ^2/NDF : 170.9/30

diff_bpm0l08Y_rms vs slug



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

Left Out: 1803.872+/-0.510 χ^2/NDF :138910.6/11

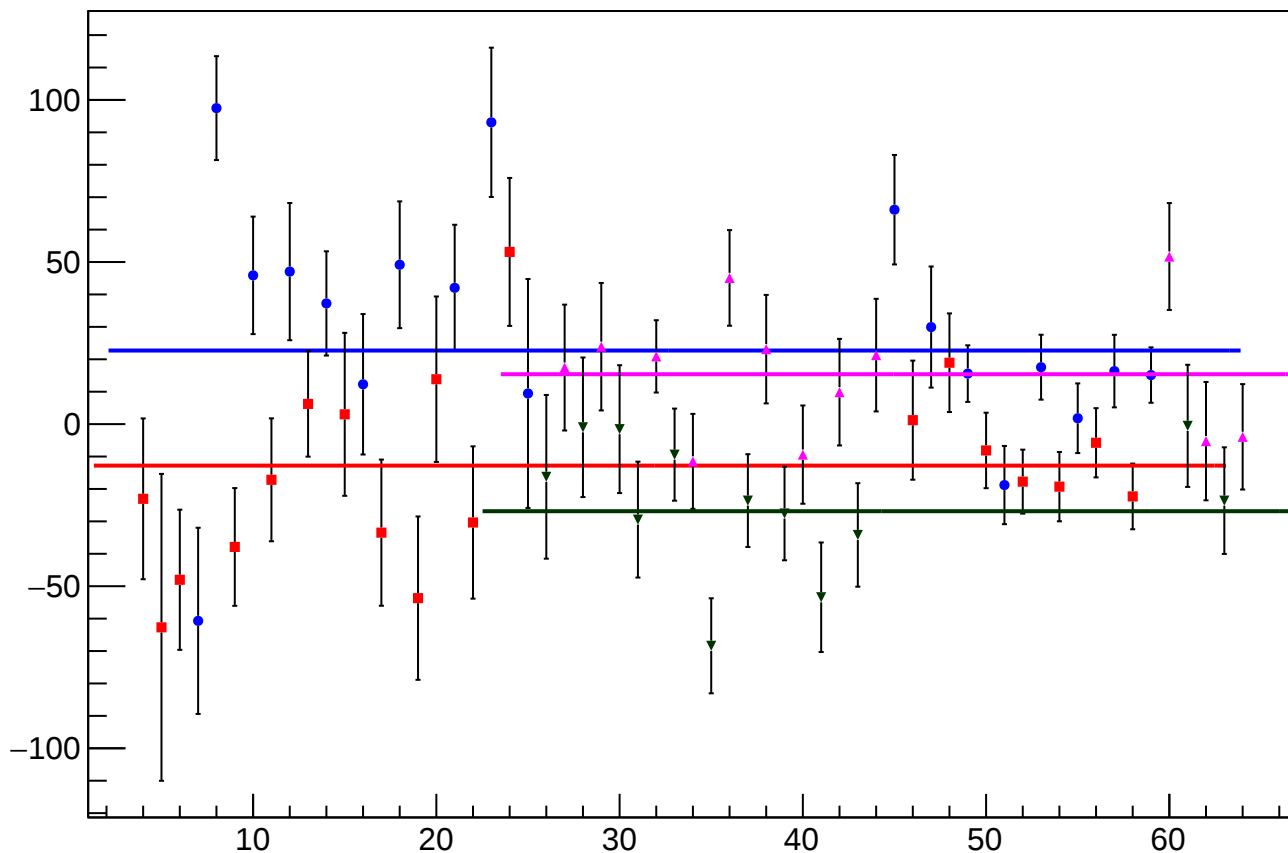
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

Left In: 1806.538+/-0.479 χ^2/NDF :194655.4/11

1745.915+/-0.302 χ^2/NDF : 1829602.3/29

1739.154+/-0.303 χ^2/NDF : 1430409.0/30

diff_bpm0l09X_mean vs slug



Right In: 22.698 ± 3.315 $\chi^2/\text{NDF}: 70.9/17$

Left Out: -26.867 ± 4.842 $\chi^2/\text{NDF}: 17.5/11$

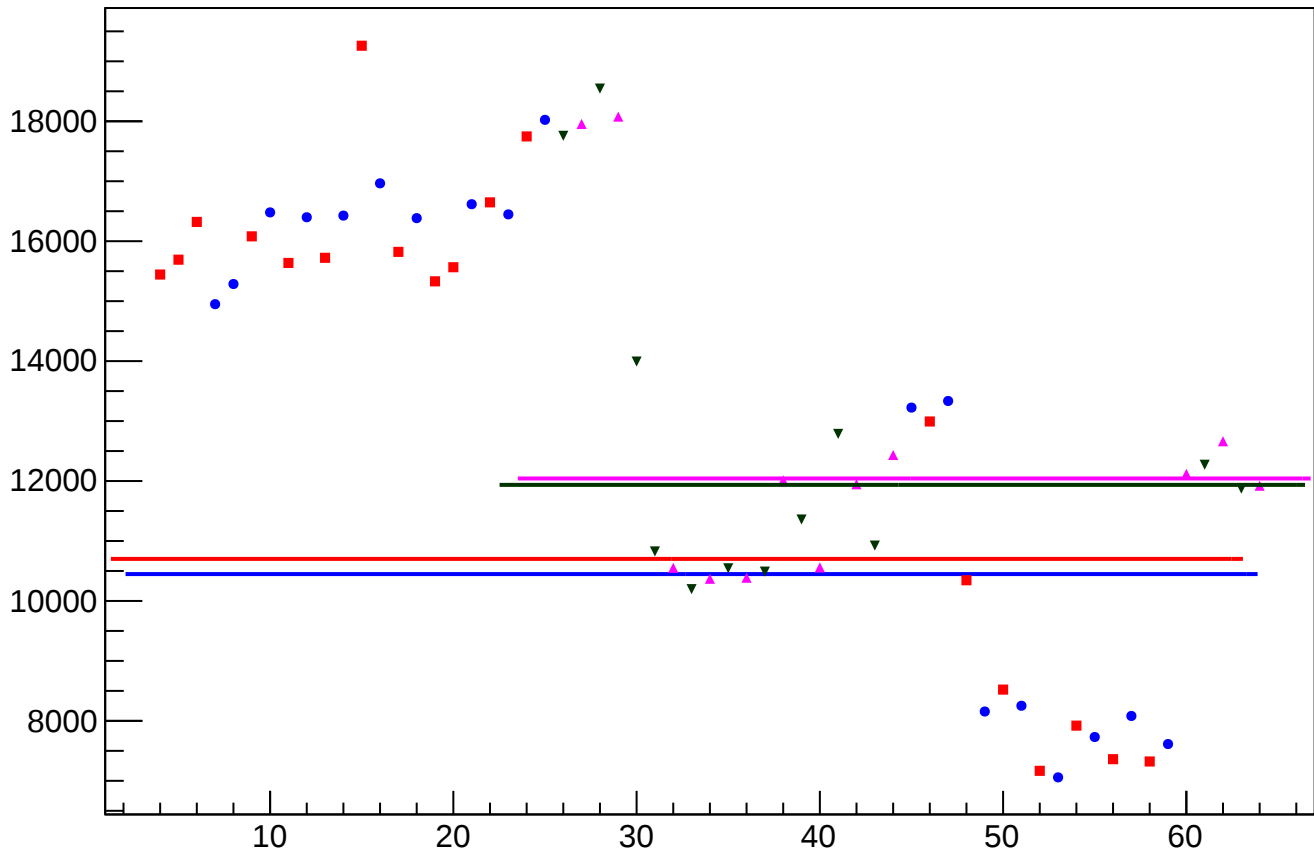
Right Out: -12.799 ± 3.618 $\chi^2/\text{NDF}: 28.2/18$

Left In: 15.397 ± 4.567 $\chi^2/\text{NDF}: 18.5/11$

6.881 ± 2.735 $\chi^2/\text{NDF}: 159.8/29$

-1.927 ± 2.836 $\chi^2/\text{NDF}: 70.1/30$

diff_bpm0l09X_rms vs slug



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

Left Out: 11935.988+/-3.424 χ^2/NDF : 409659.3/11

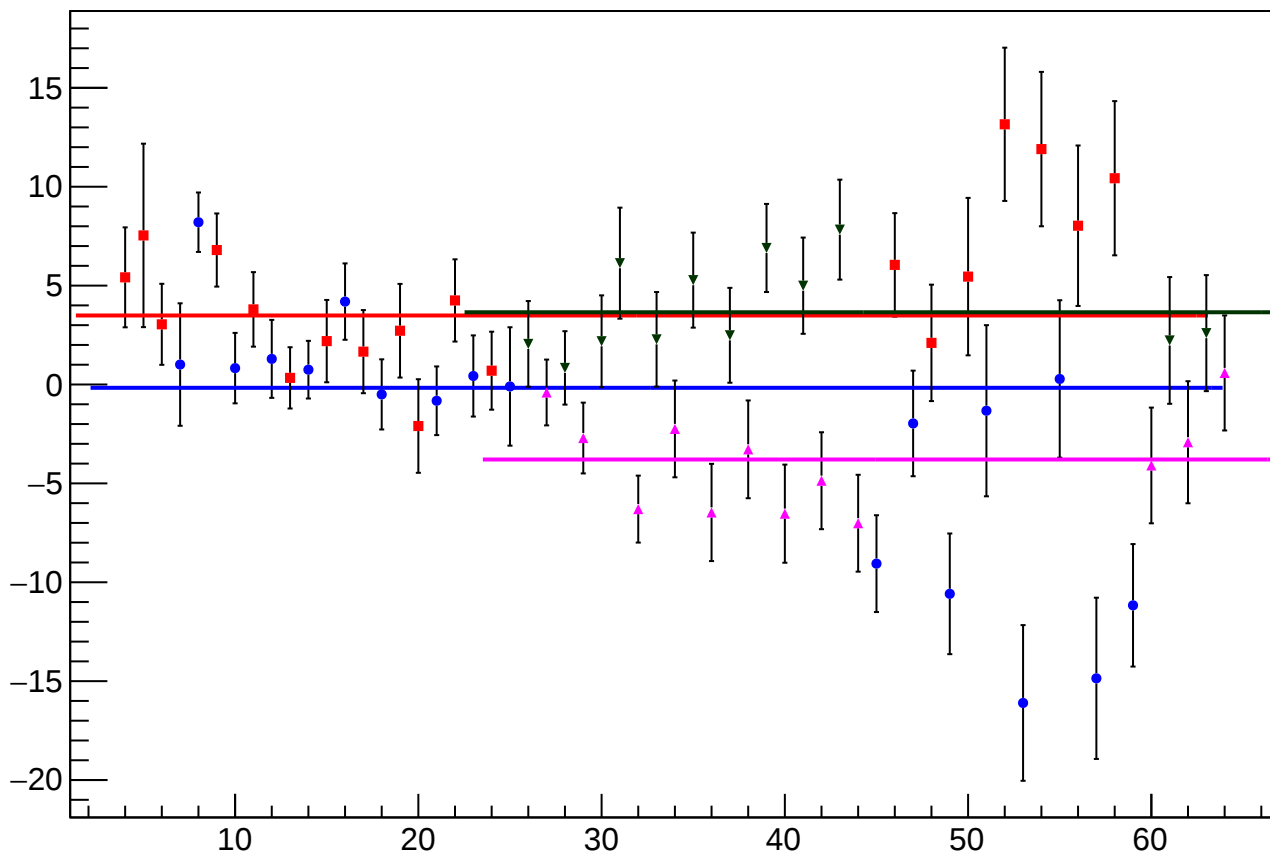
10922.944+/-1.934 χ^2/NDF : 3192885.0/29

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

11218.535+/-2.005 χ^2/NDF : 3028178.5/30

Left In: 12042.401+/-3.229 χ^2/NDF : 483755.2/11

diff_bpm0l09Y_mean vs slug



Right In: -0.167 ± 0.526 $\chi^2/\text{NDF}: 105.2/17$

Left Out: 3.653 ± 0.694 $\chi^2/\text{NDF}: 10.5/11$

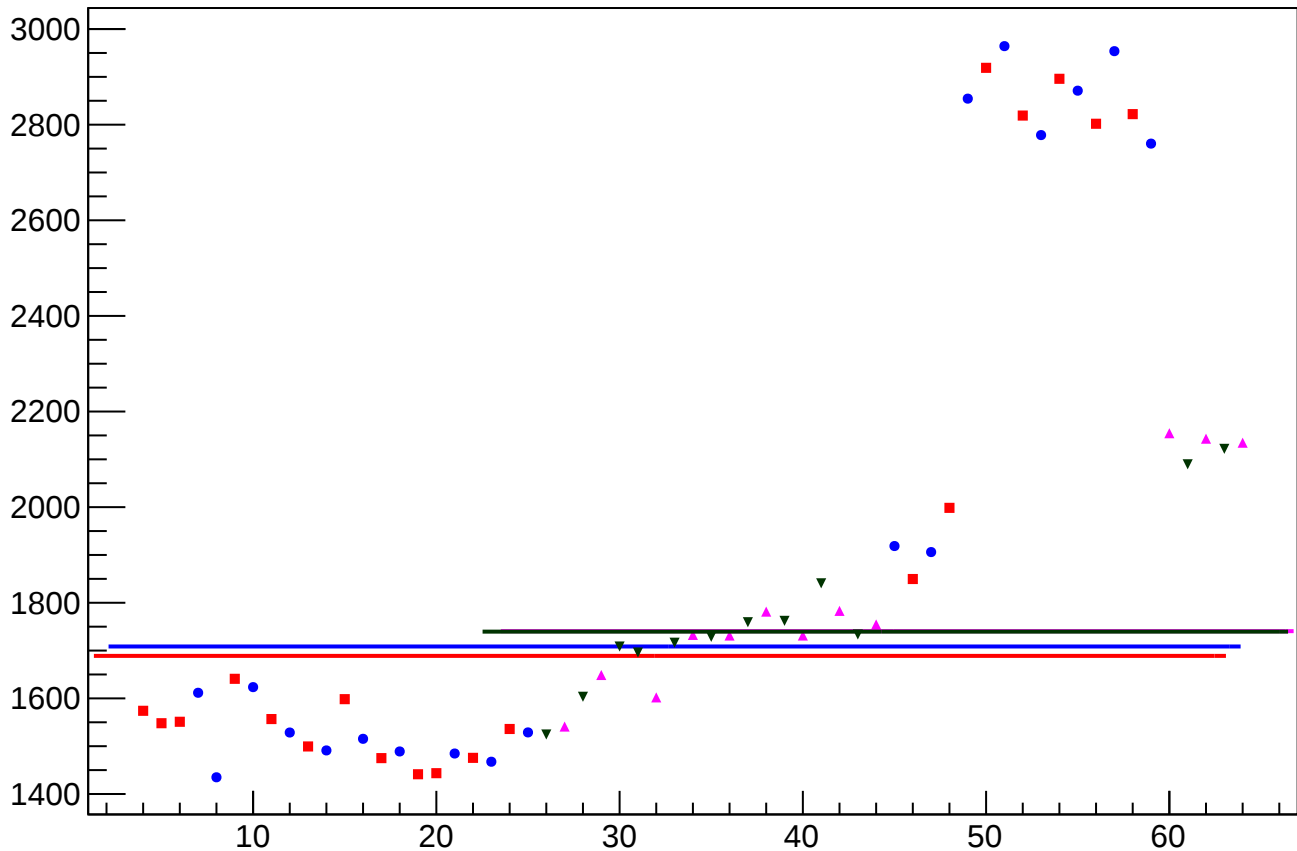
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -3.793 ± 0.652 $\chi^2/\text{NDF}: 13.8/11$

1.227 ± 0.419 $\chi^2/\text{NDF}: 135.0/29$

0.467 ± 0.420 $\chi^2/\text{NDF}: 121.3/30$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1739.619+/-0.490 χ^2/NDF : 93194.5/11

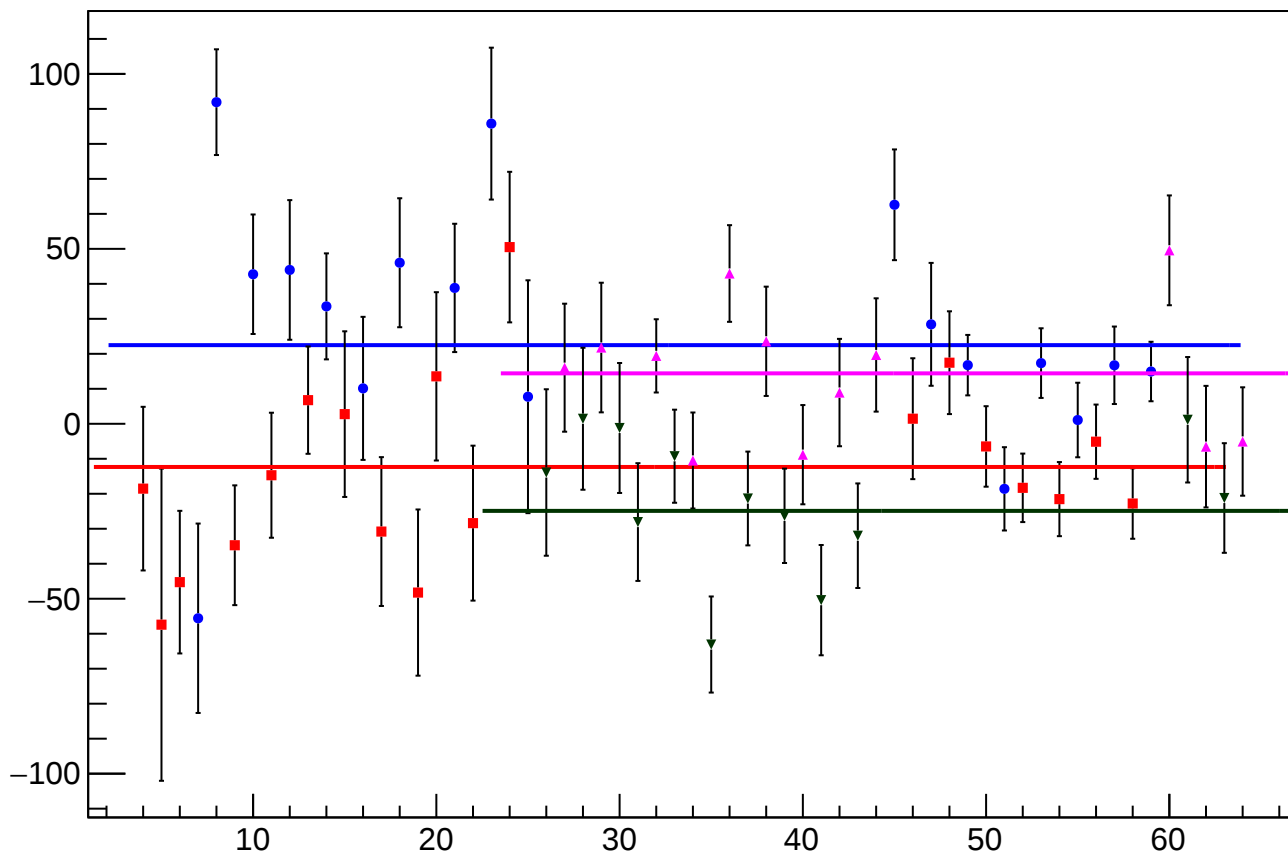
1719.893+/-0.296 χ^2/NDF : 1560335.5/29

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

1710.365+/-0.297 χ^2/NDF : 1225516.5/30

Left In: 1740.618+/-0.461 χ^2/NDF : 159517.0/11

diff_bpm0l10X_mean vs slug



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

Left Out: -24.891 ± 4.548 χ^2/NDF : 17.8/11

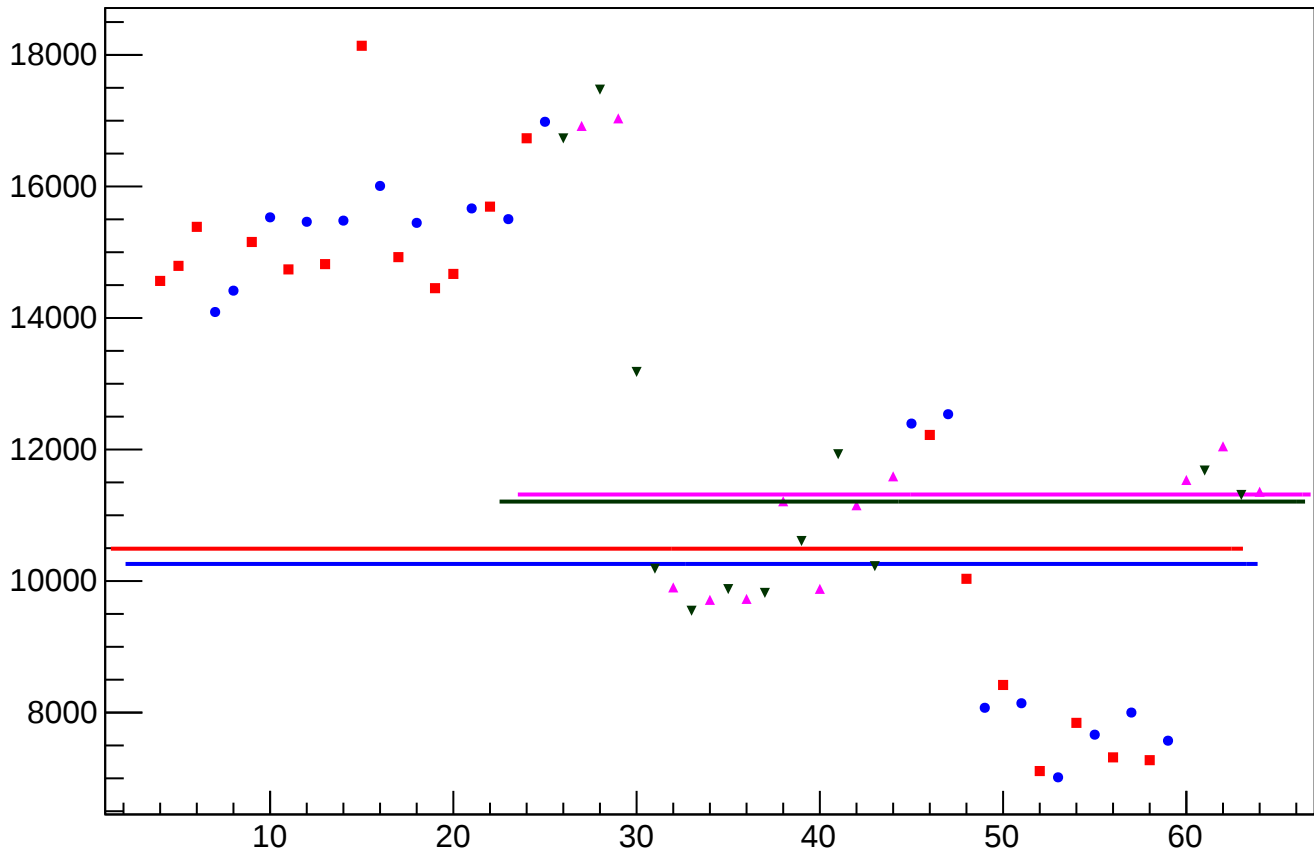
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 14.416 ± 4.293 χ^2/NDF : 19.3/11

6.612 ± 2.632 χ^2/NDF : 158.2/29

-1.597 ± 2.720 χ^2/NDF : 70.8/30

diff_bpm0l10X_rms vs slug



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

Left Out: 11208.405+/-3.216 χ^2/NDF : 418017.4/11

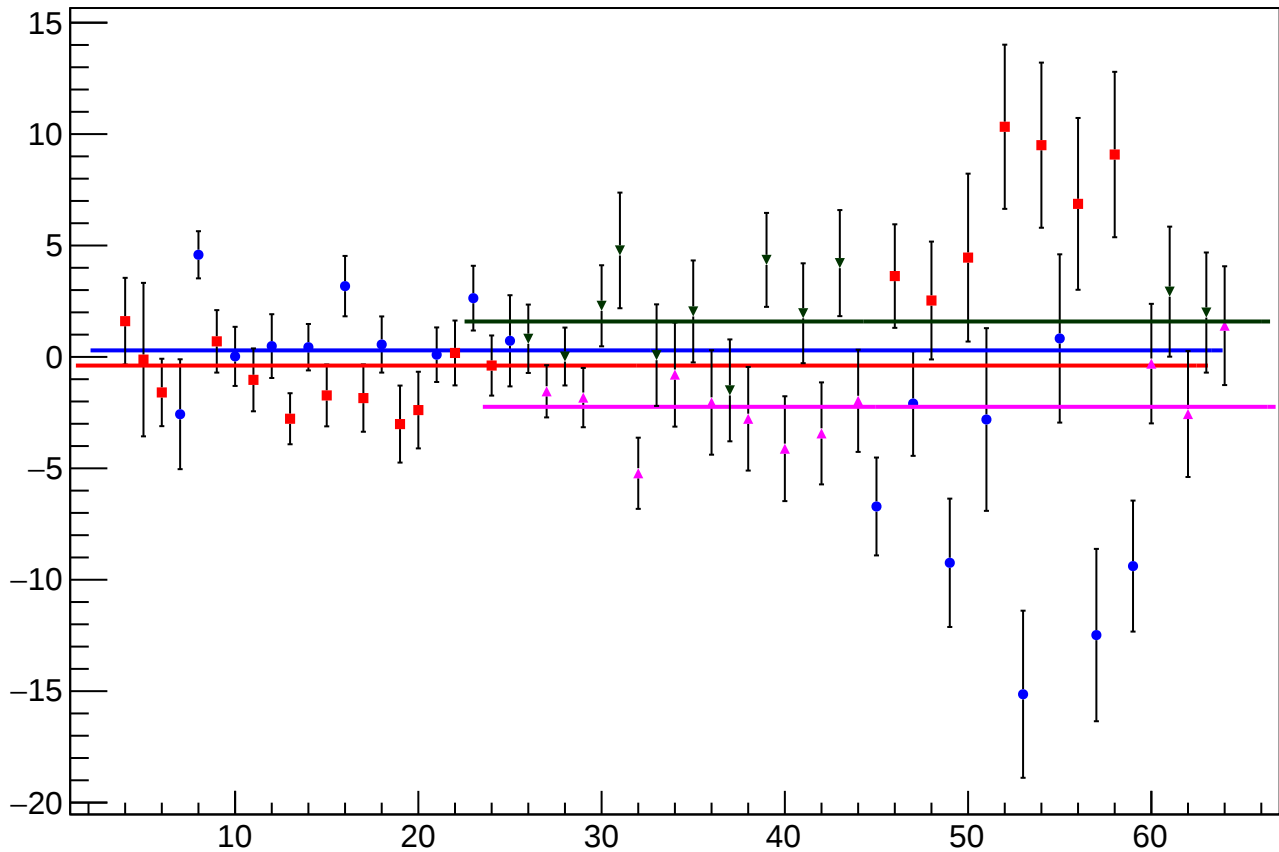
10577.765+/-1.861 χ^2/NDF : 2795830.6/29

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

10822.949+/-1.924 χ^2/NDF : 2676774.8/30

Left In: 11316.118+/-3.036 χ^2/NDF : 493812.2/11

diff_bpm0l10Y_mean vs slug



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

Left Out: 1.590 ± 0.587 χ^2/NDF : 8.9/11

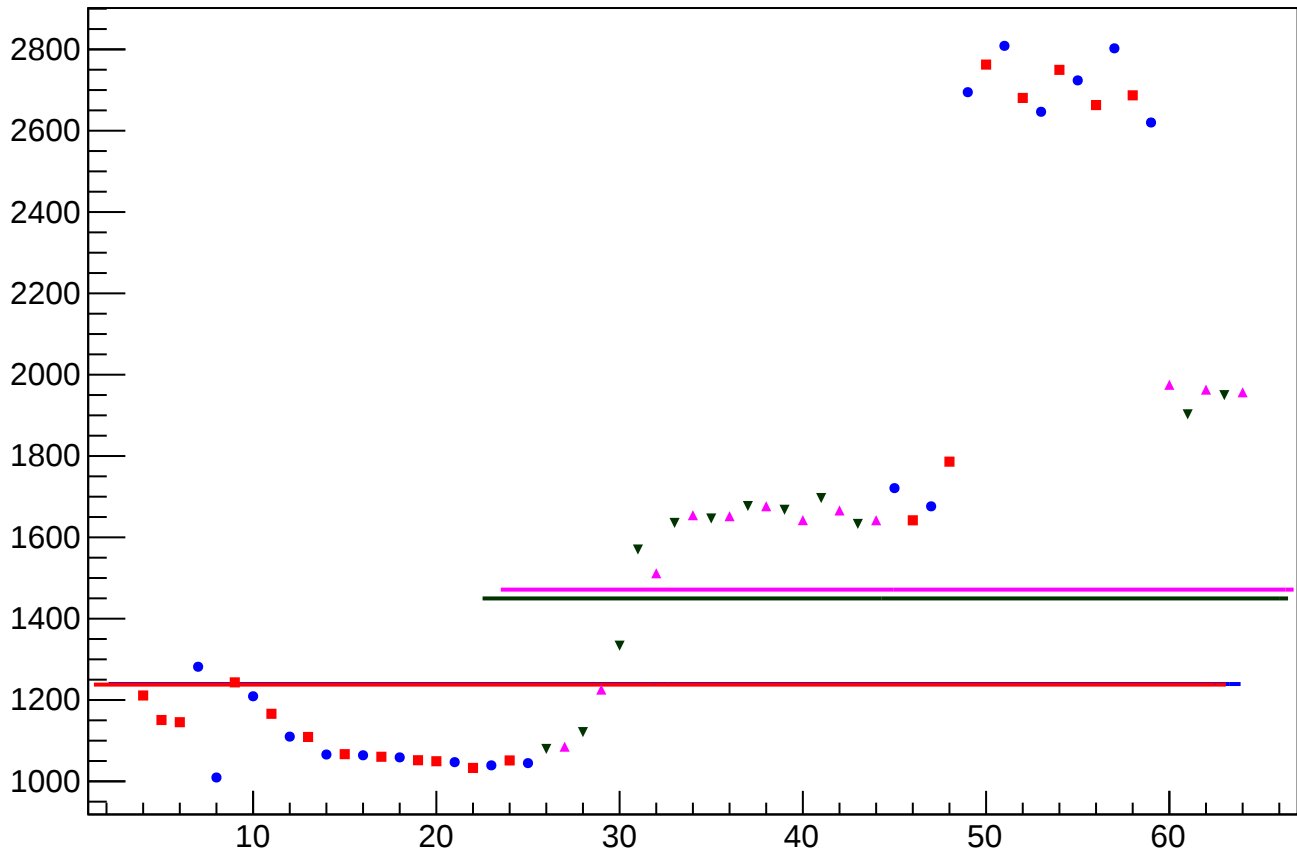
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -2.239 ± 0.559 χ^2/NDF : 7.7/11

0.694 ± 0.327 χ^2/NDF : 98.8/29

-1.039 ± 0.332 χ^2/NDF : 58.8/30

diff_bpm0l10Y_rms vs slug



Right In: 1239.296 $\pm$ 0.278 χ^2 /NDF: 2675601.4/17

Left Out: 1449.762 $\pm$ 0.415 χ^2 /NDF: 479258.7/11

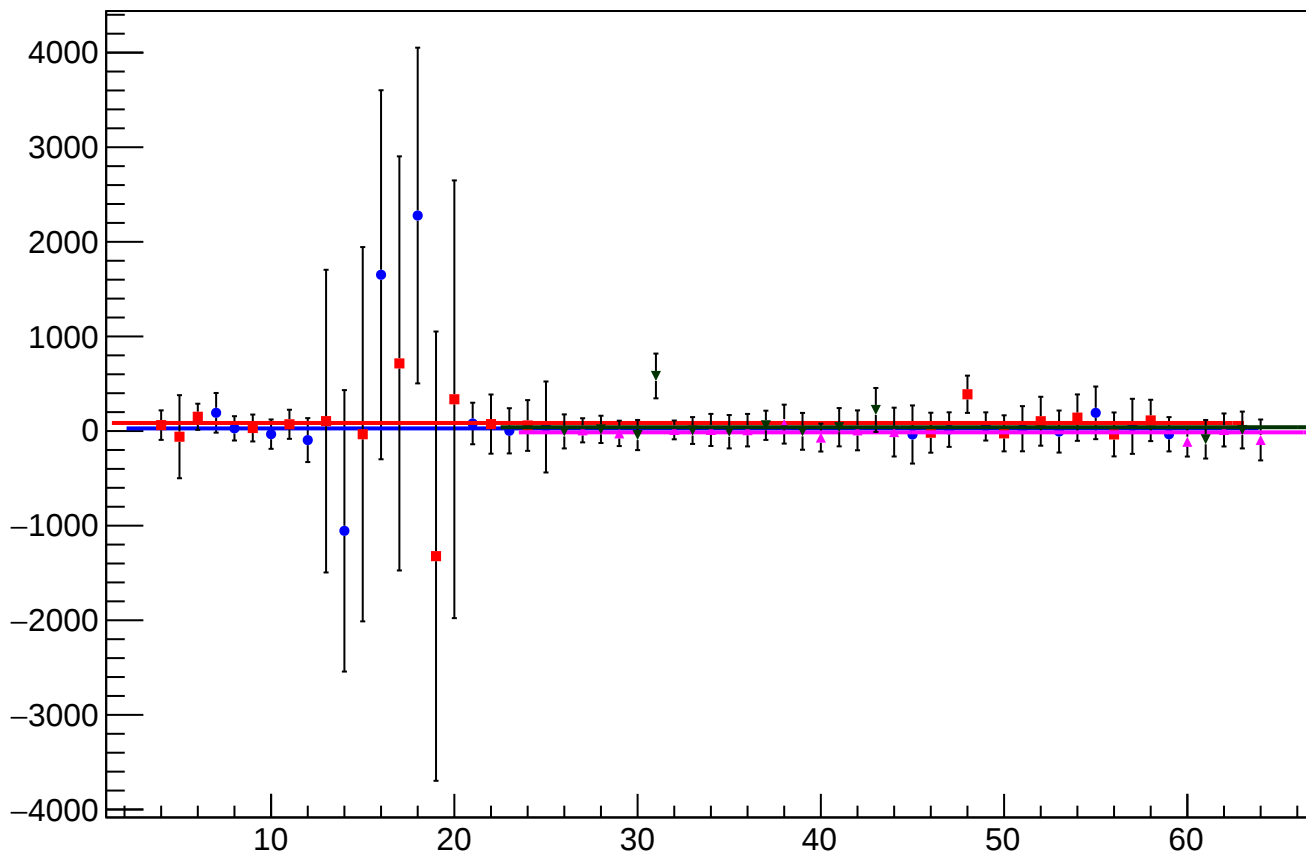
Right Out: 1237.907 $\pm$ 0.291 χ^2 /NDF: 1914347.8/18

Left In: 1471.476 $\pm$ 0.395 χ^2 /NDF: 560070.1/11

1304.339 $\pm$ 0.231 χ^2 /NDF: 3332317.3/29

1320.117 $\pm$ 0.234 χ^2 /NDF: 2700838.9/30

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: 40.342+/-51.304 χ^2/NDF : 6.8/11

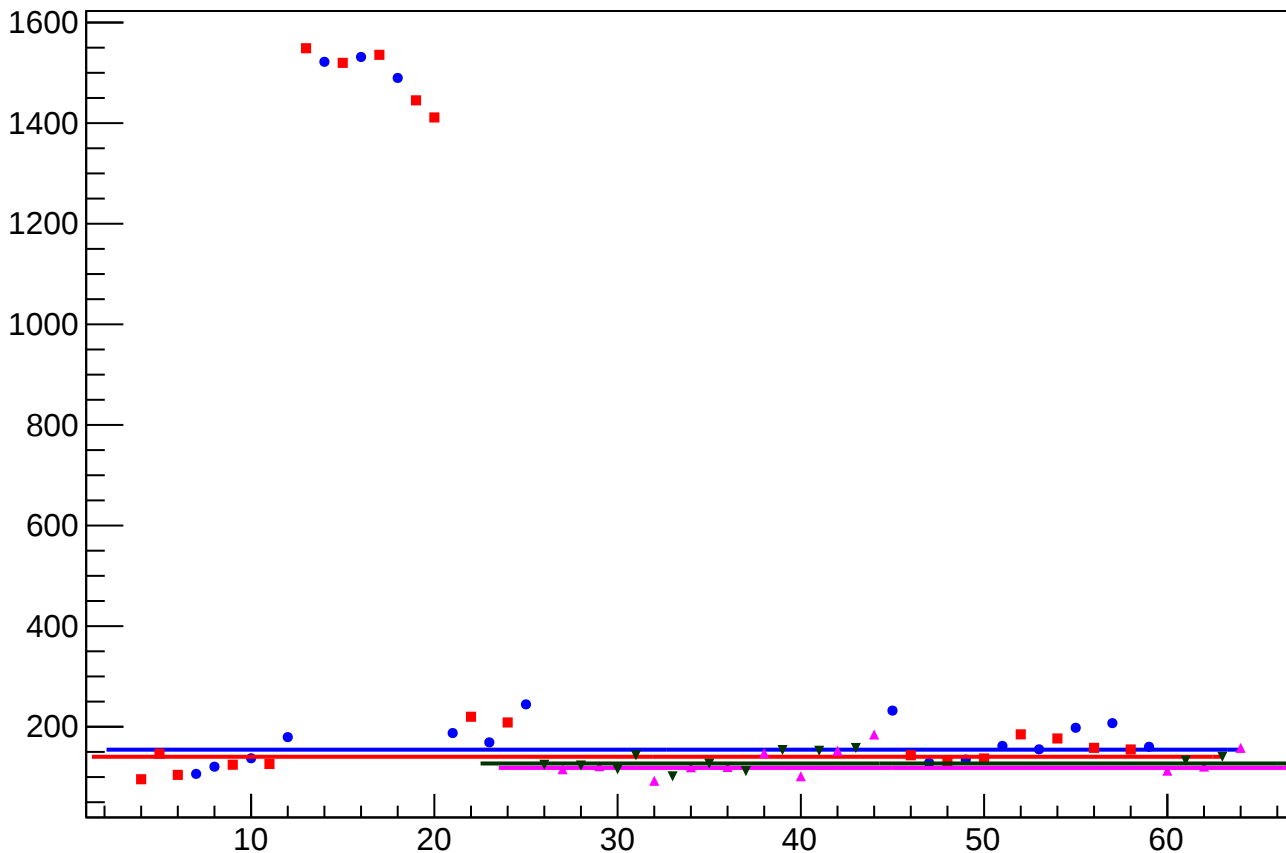
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -13.656+/-45.204 χ^2/NDF : 1.0/11

34.228+/-36.623 χ^2/NDF : 11.4/29

28.479+/-34.257 χ^2/NDF : 7.3/30

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 154.452+/-0.037 χ^2/NDF : 4556738.2/17

Left Out: 127.004+/-0.036 χ^2/NDF : 221287.2/11

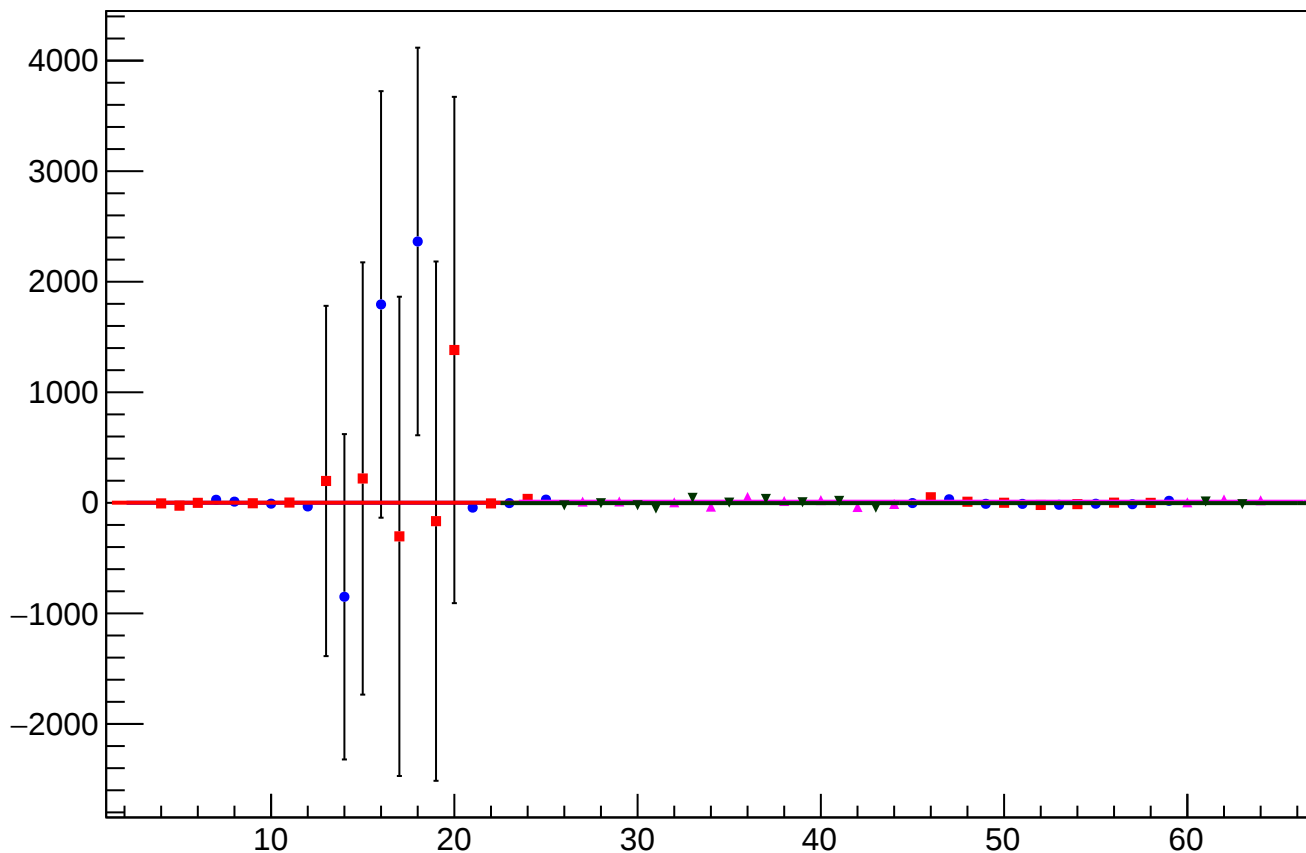
140.465+/-0.026 χ^2/NDF : 5058765.5/29

Right Out: 140.345+/-0.037 χ^2/NDF : 5274055.6/18

127.597+/-0.024 χ^2/NDF : 5937033.1/30

Left In: 118.147+/-0.032 χ^2/NDF : 457674.2/11

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: -2.647+/-6.728 χ^2/NDF : 15.2/11

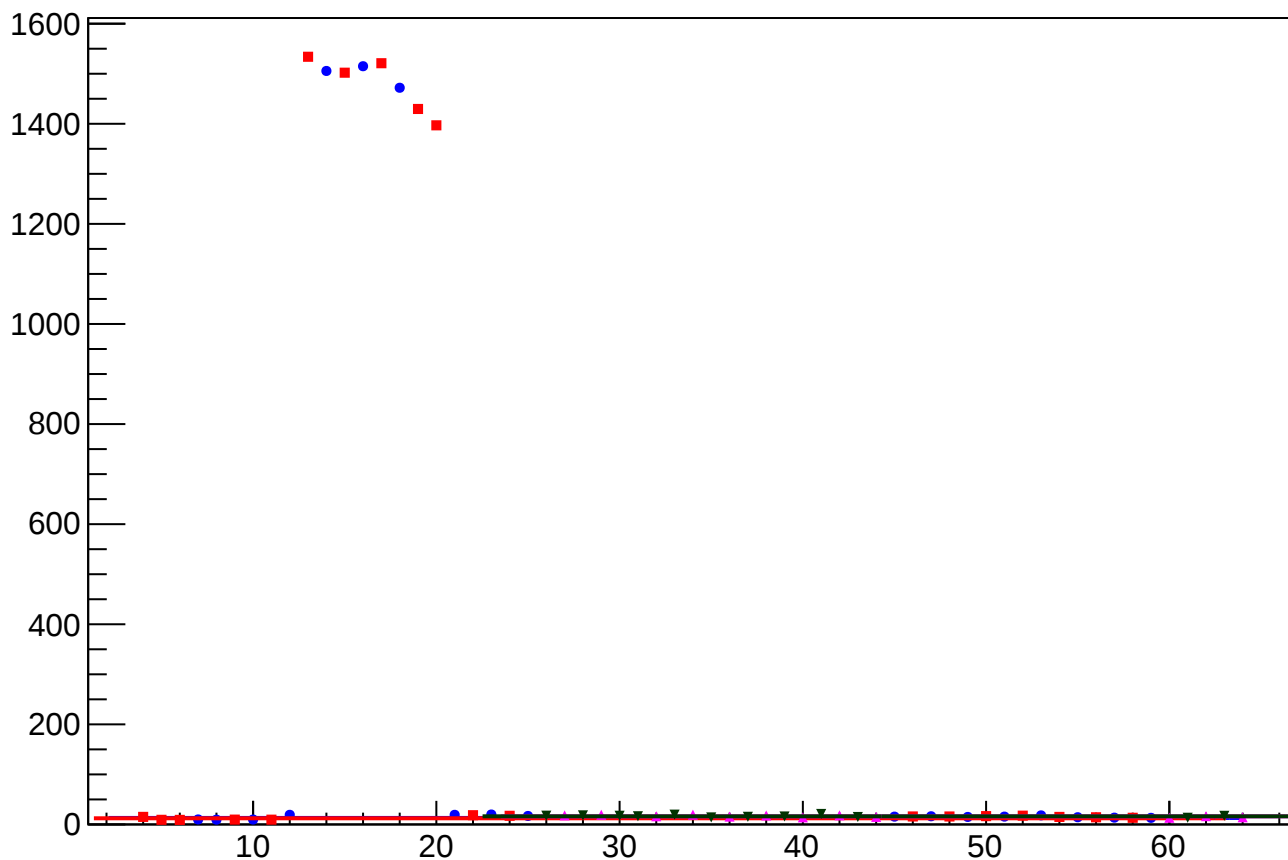
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 10.312+/-6.301 χ^2/NDF : 11.8/11

-0.451+/-3.805 χ^2/NDF : 32.0/29

4.651+/-3.813 χ^2/NDF : 22.6/30

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 13.014 $\pm$ 0.003 χ^2 /NDF: 5695749.7/17

Left Out: 16.283 $\pm$ 0.005 χ^2 /NDF:180468.8/11

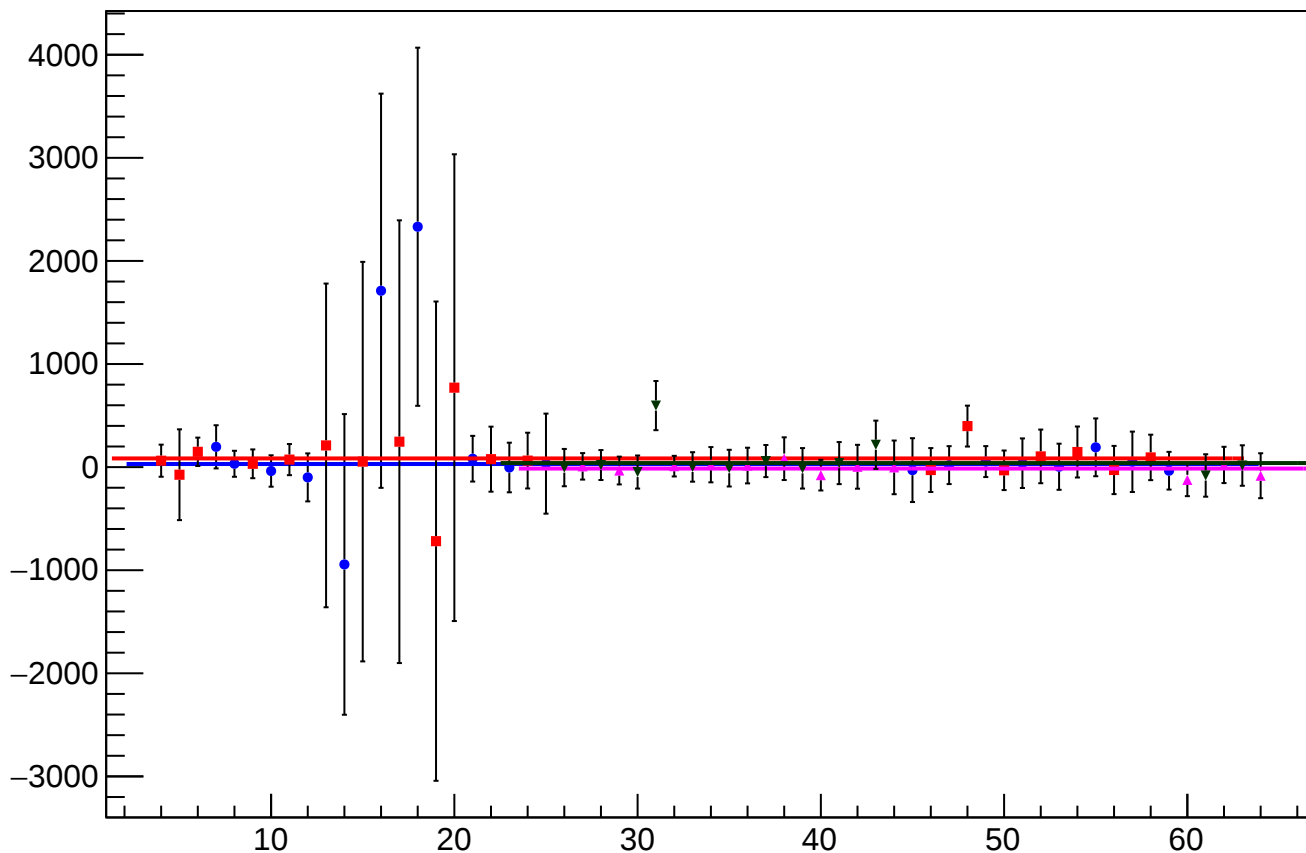
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 16.253 $\pm$ 0.004 χ^2 /NDF:195525.9/11

14.059 $\pm$ 0.003 χ^2 /NDF: 6197488.3/29

13.755 $\pm$ 0.003 χ^2 /NDF: 7064279.0/30

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: 39.418+/-51.708 χ^2/NDF : 7.0/11

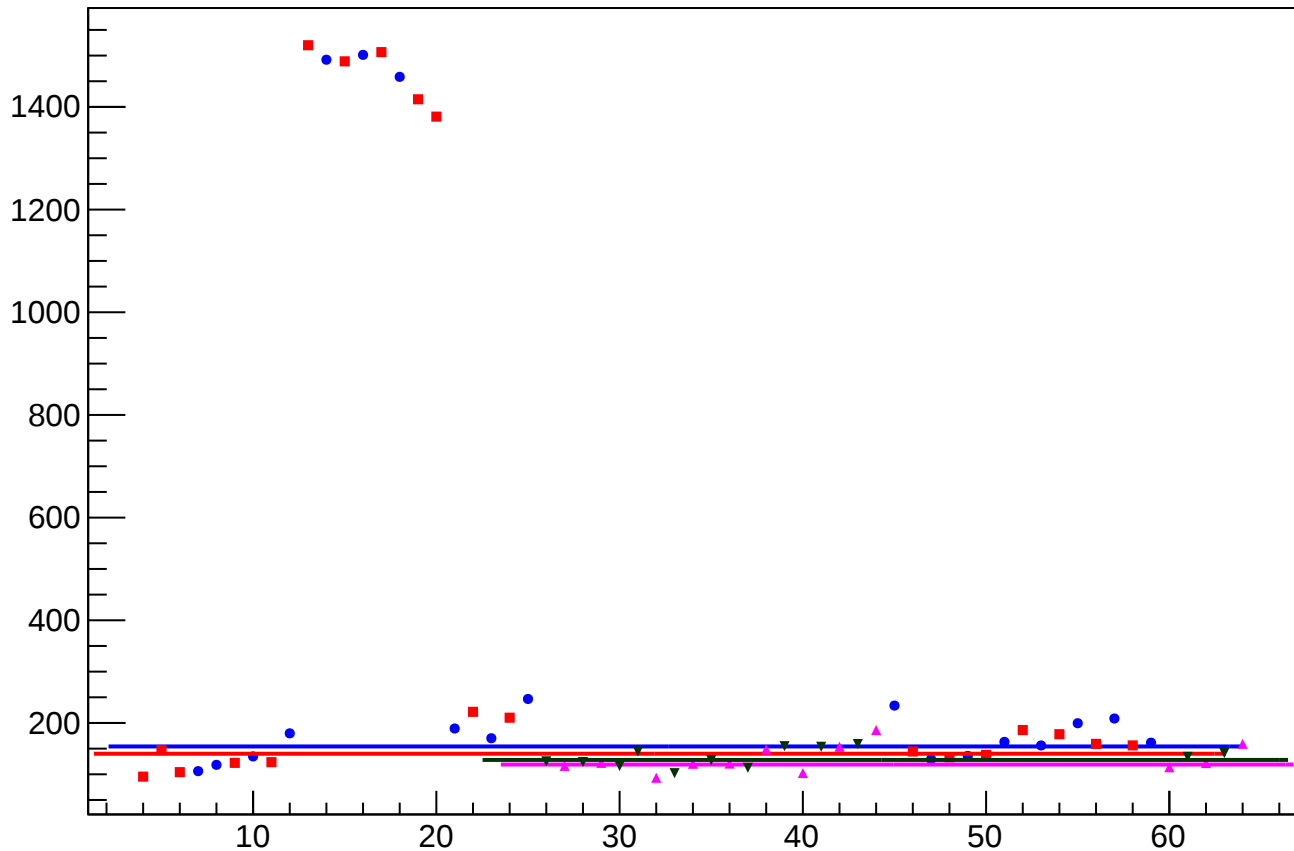
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -13.952+/-45.544 χ^2/NDF : 1.2/11

34.765+/-36.759 χ^2/NDF : 11.7/29

28.314+/-34.381 χ^2/NDF : 7.4/30

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: 128.002 ± 0.037 χ^2/NDF : 221635.5/11

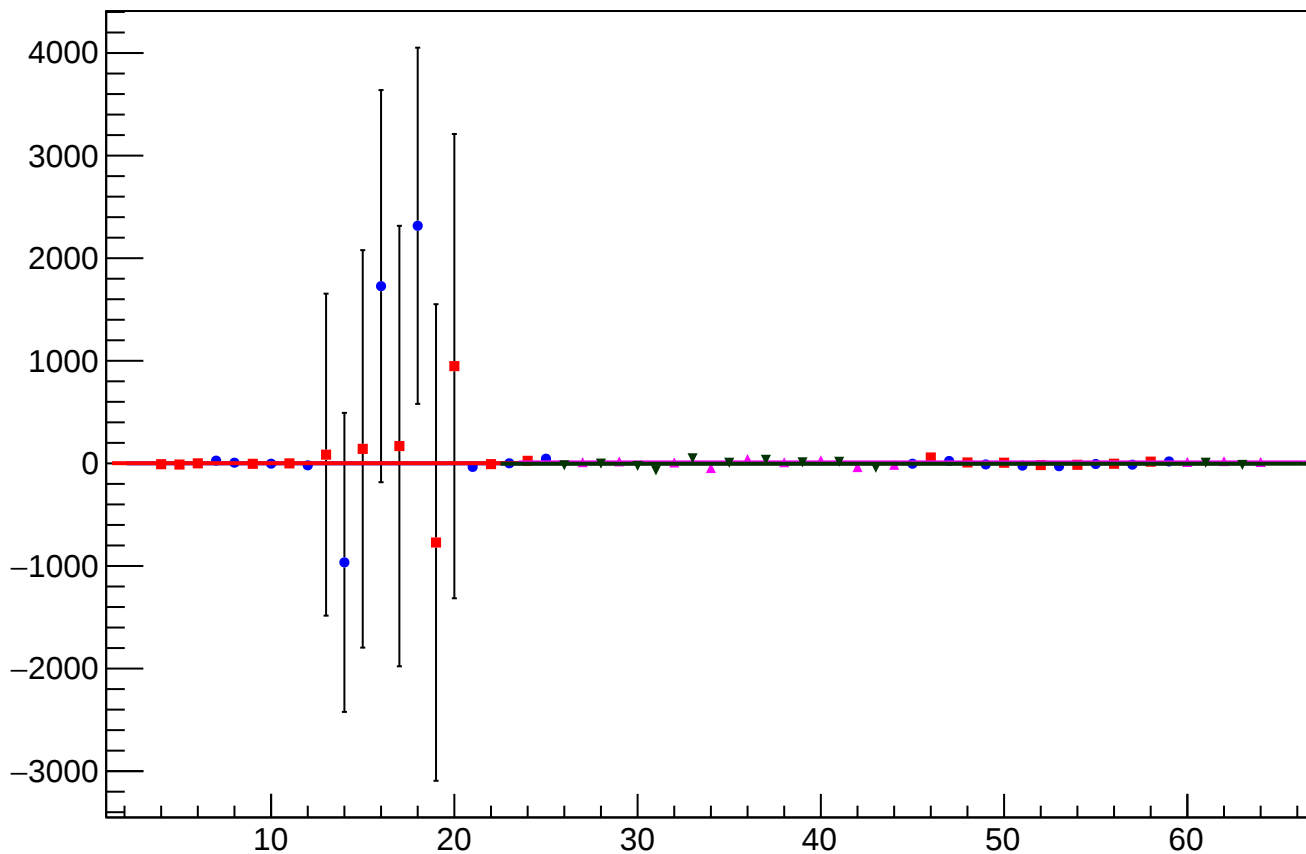
140.977 ± 0.026 χ^2/NDF : 5061108.6/29

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

128.067 ± 0.024 χ^2/NDF : 5932076.1/30

Left In: 119.024 ± 0.032 χ^2/NDF : 458805.6/11

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: -3.083 $\pm$ 6.562 χ^2 /NDF:18.6/11

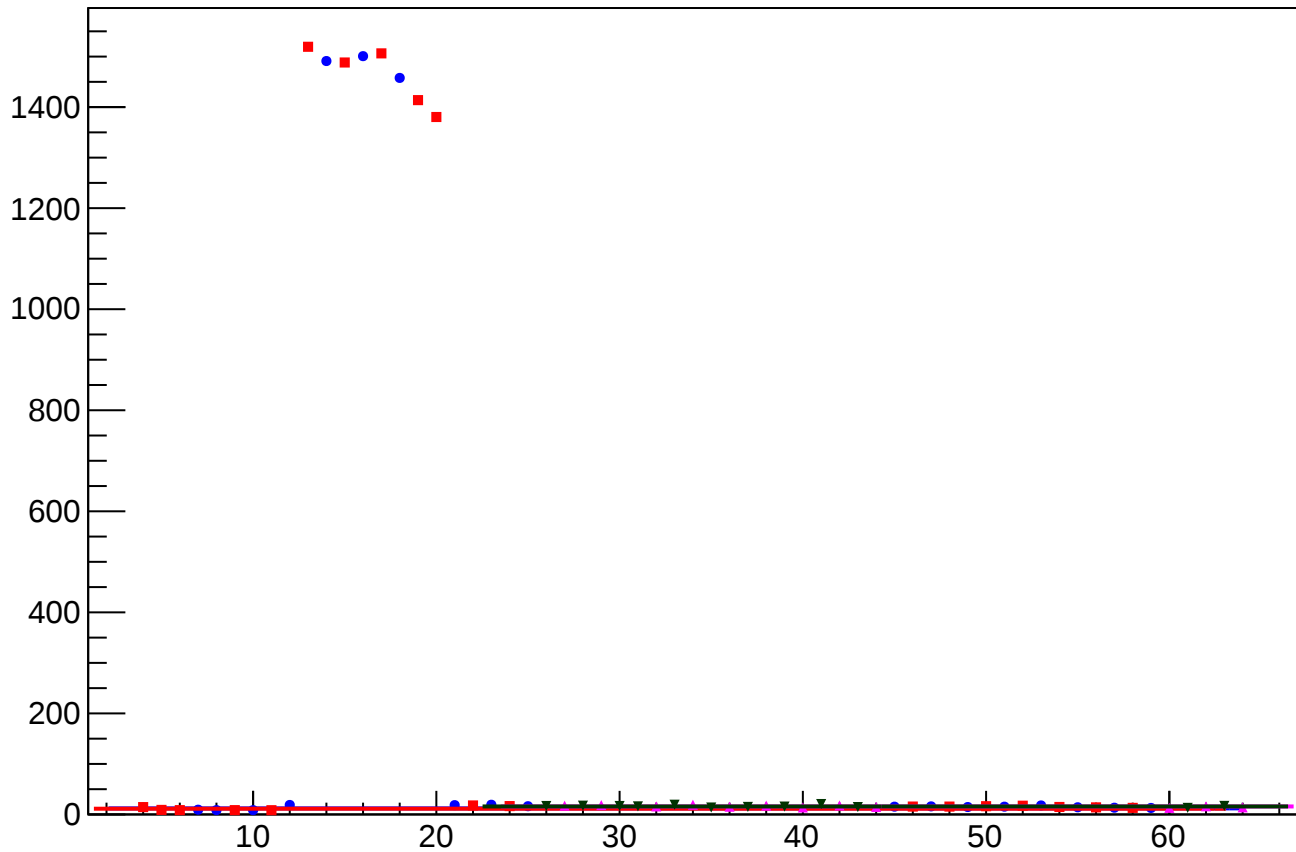
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 9.925 $\pm$ 6.149 χ^2 /NDF:11.8/11

-0.476 $\pm$ 3.605 χ^2 /NDF: 34.9/29

4.597 $\pm$ 3.616 χ^2 /NDF: 23.0/30

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: 15.856+/-0.005 χ^2/NDF :175195.2/11

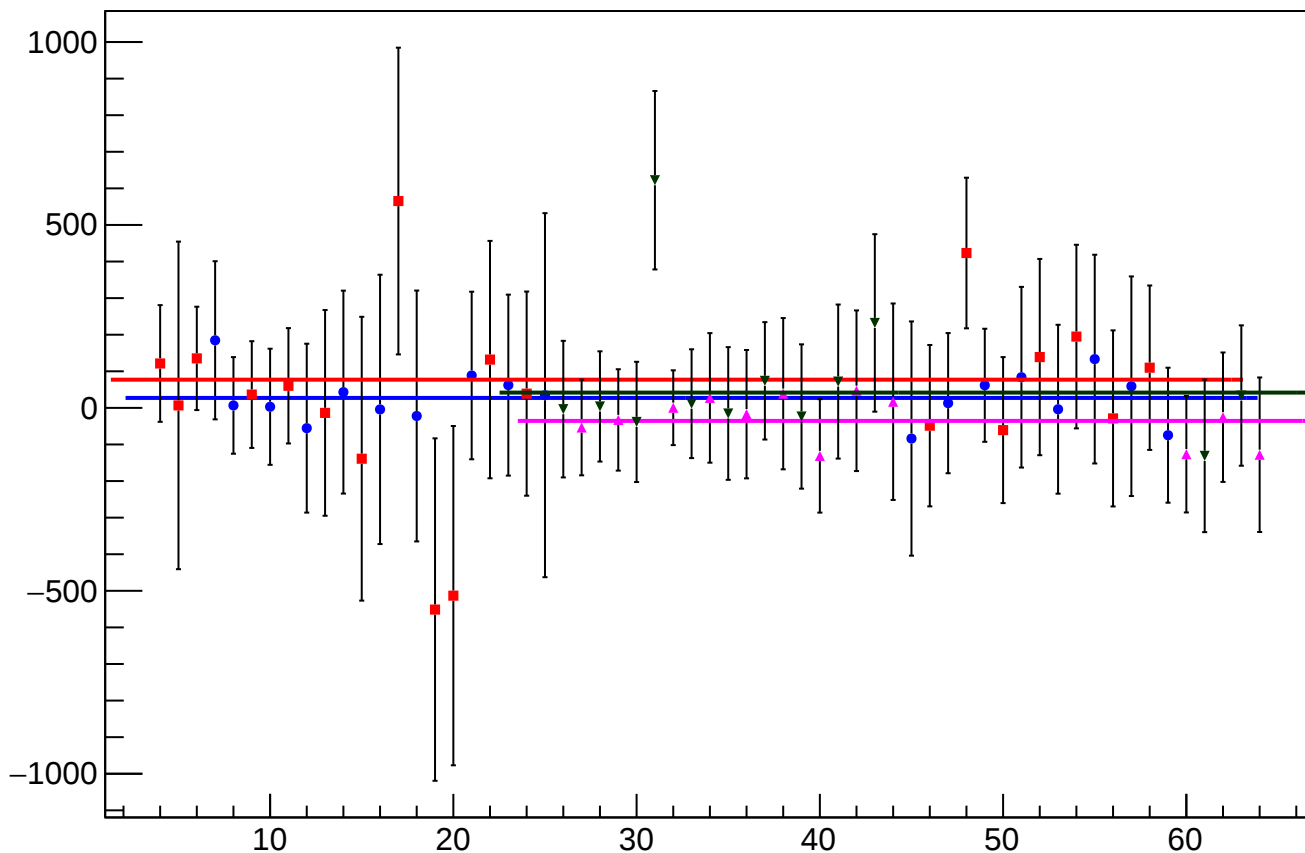
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 15.835+/-0.004 χ^2/NDF :183911.5/11

13.173+/-0.003 χ^2/NDF : 6715629.0/29

12.908+/-0.003 χ^2/NDF : 7522688.8/30

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: 41.802+/-52.961 χ^2/NDF : 7.6/11

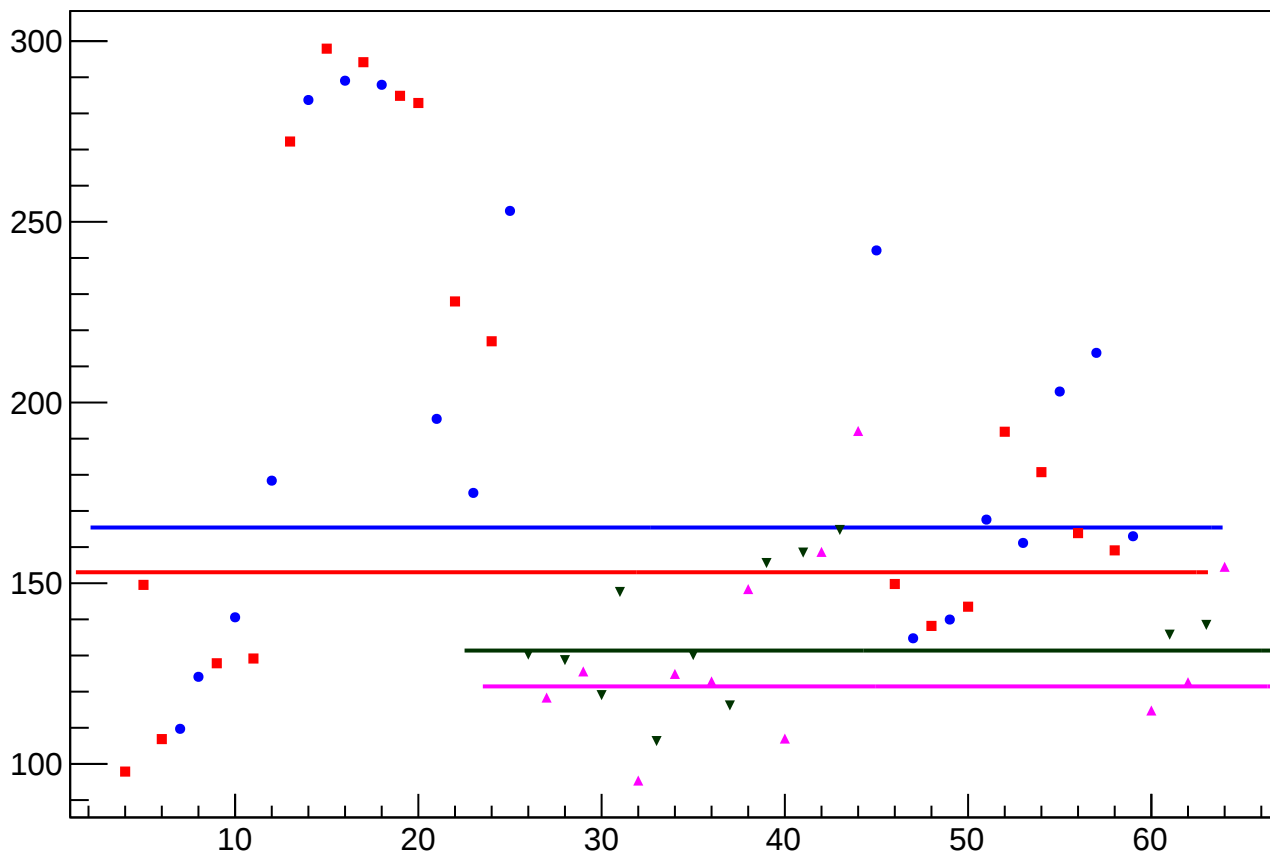
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -35.565+/-46.419 χ^2/NDF : 1.5/11

34.354+/-37.038 χ^2/NDF : 9.2/29

14.742+/-34.536 χ^2/NDF : 13.8/30

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: 131.371 $\pm$ 0.037 χ^2/NDF :200319.4/11

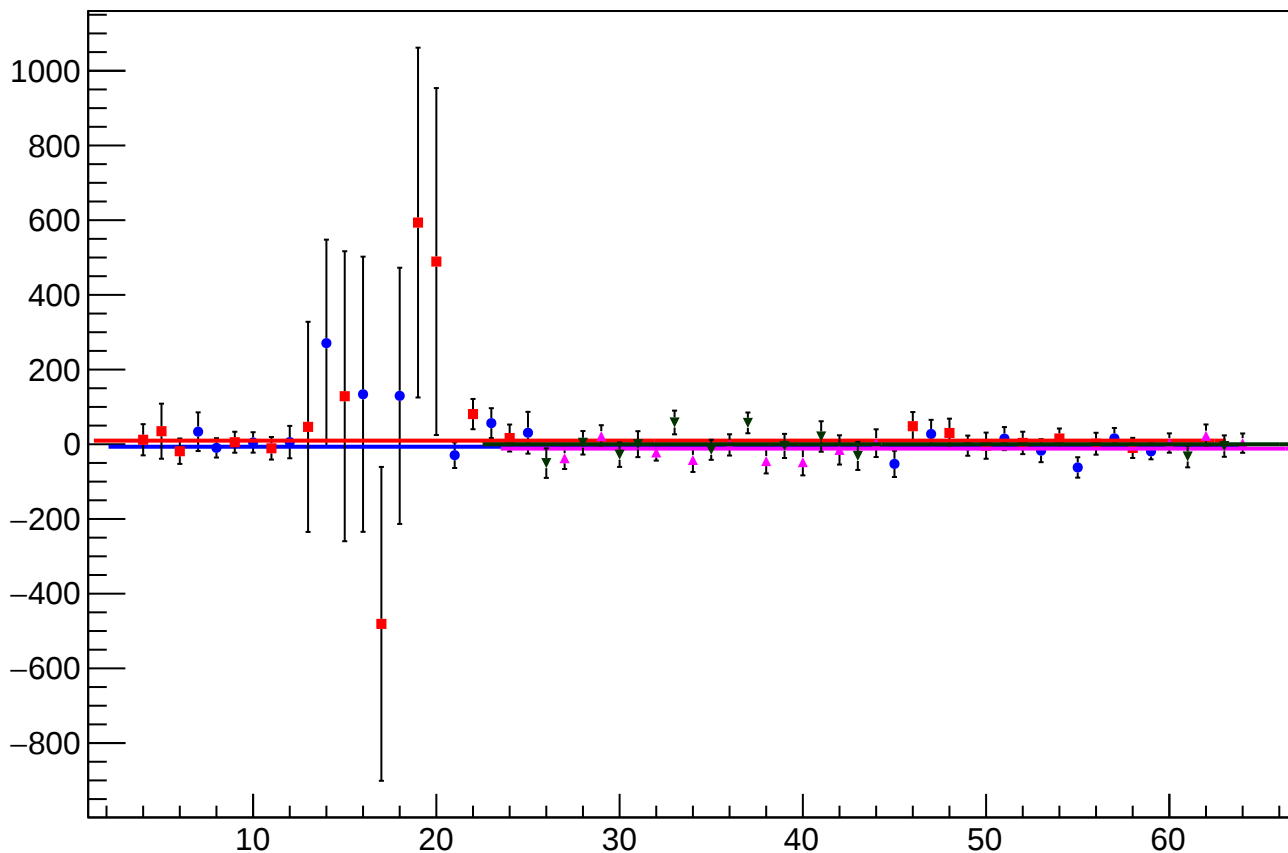
148.767 $\pm$ 0.026 χ^2/NDF : 2259053.5/29

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

135.553 $\pm$ 0.024 χ^2/NDF : 2885113.1/30

Left In: 121.450 $\pm$ 0.033 χ^2/NDF :433723.7/11

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: -0.003+/-9.229 χ^2/NDF : 12.5/11

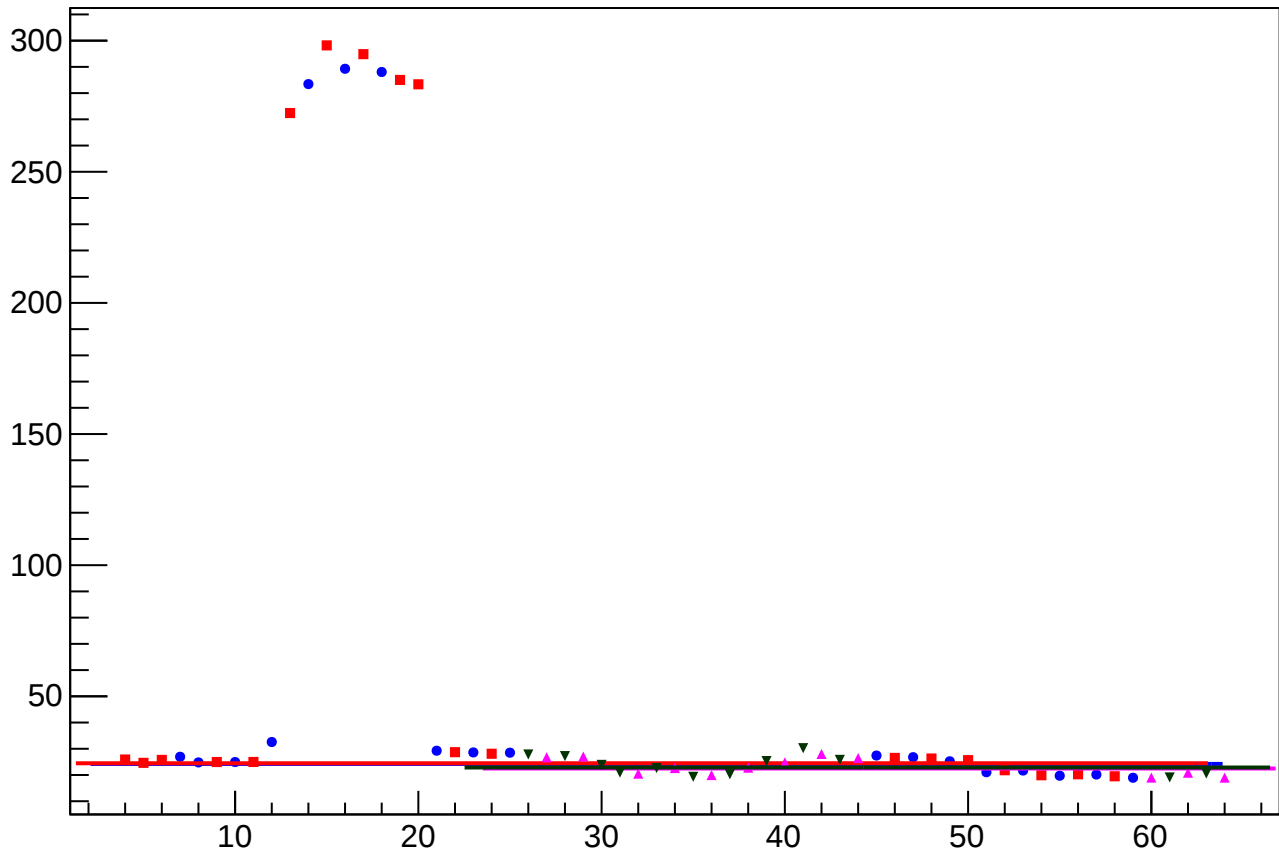
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

Left In: -11.596+/-8.513 χ^2/NDF : 7.4/11

-3.726+/-6.073 χ^2/NDF : 26.6/29

-1.392+/-6.151 χ^2/NDF : 21.1/30

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: 22.855+/-0.007 χ^2/NDF : 265087.1/11

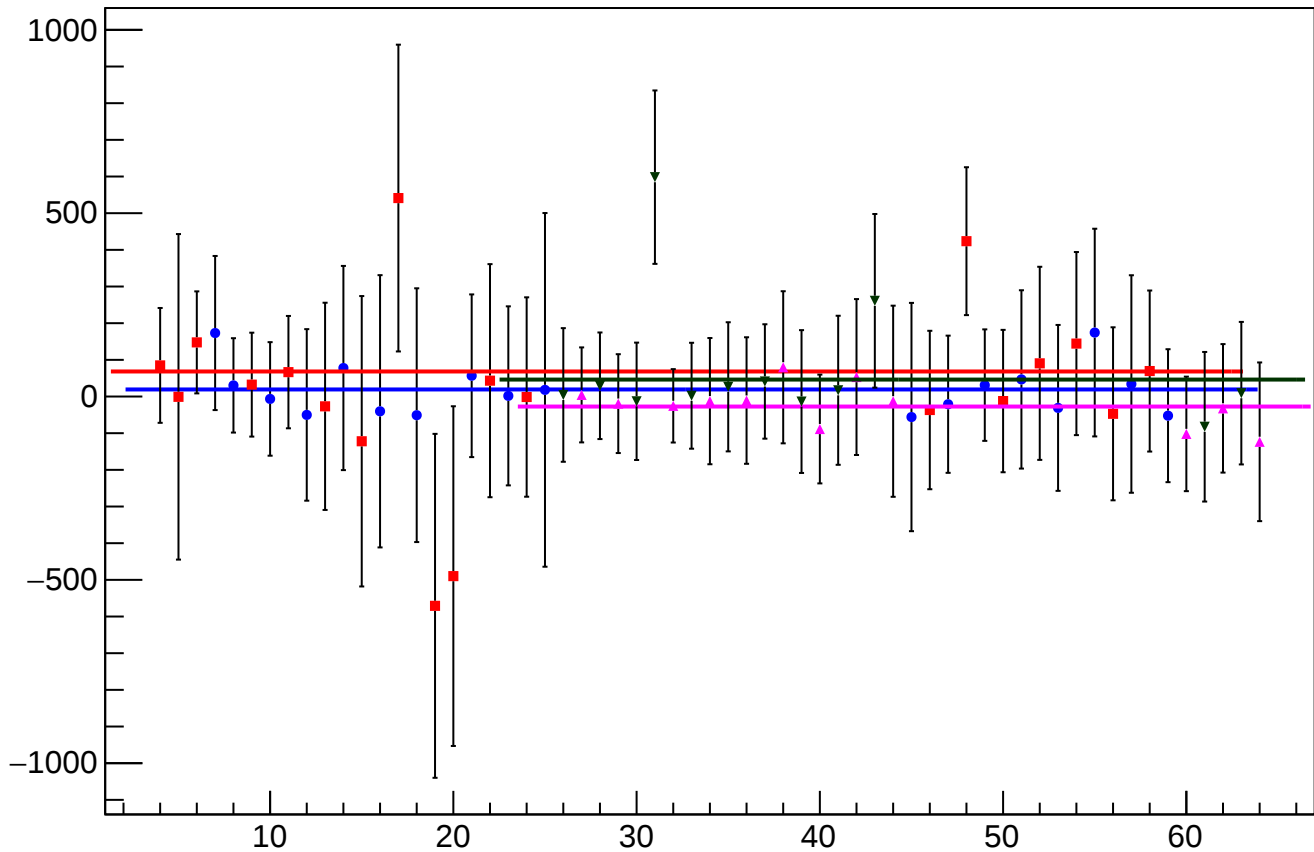
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

Left In: 22.468+/-0.006 χ^2/NDF : 272844.9/11

23.632+/-0.004 χ^2/NDF : 4703142.8/29

23.423+/-0.004 χ^2/NDF : 5185449.5/30

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: 46.235+/-51.671 χ^2/NDF : 7.1/11

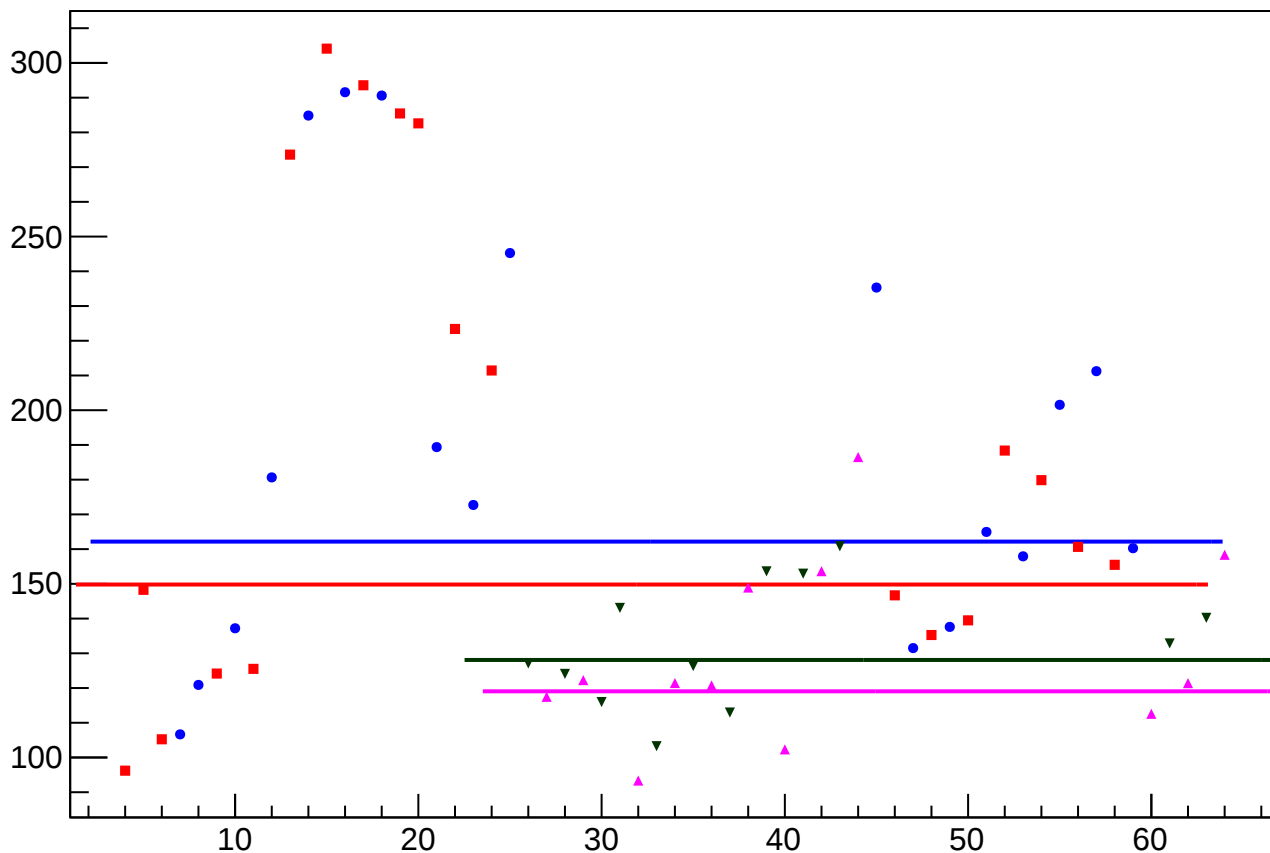
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -27.335+/-45.535 χ^2/NDF : 1.1/11

32.550+/-36.266 χ^2/NDF : 8.7/29

15.358+/-33.880 χ^2/NDF : 12.3/30

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: 128.085 $\pm$ 0.037 χ^2/NDF : 210564.0/11

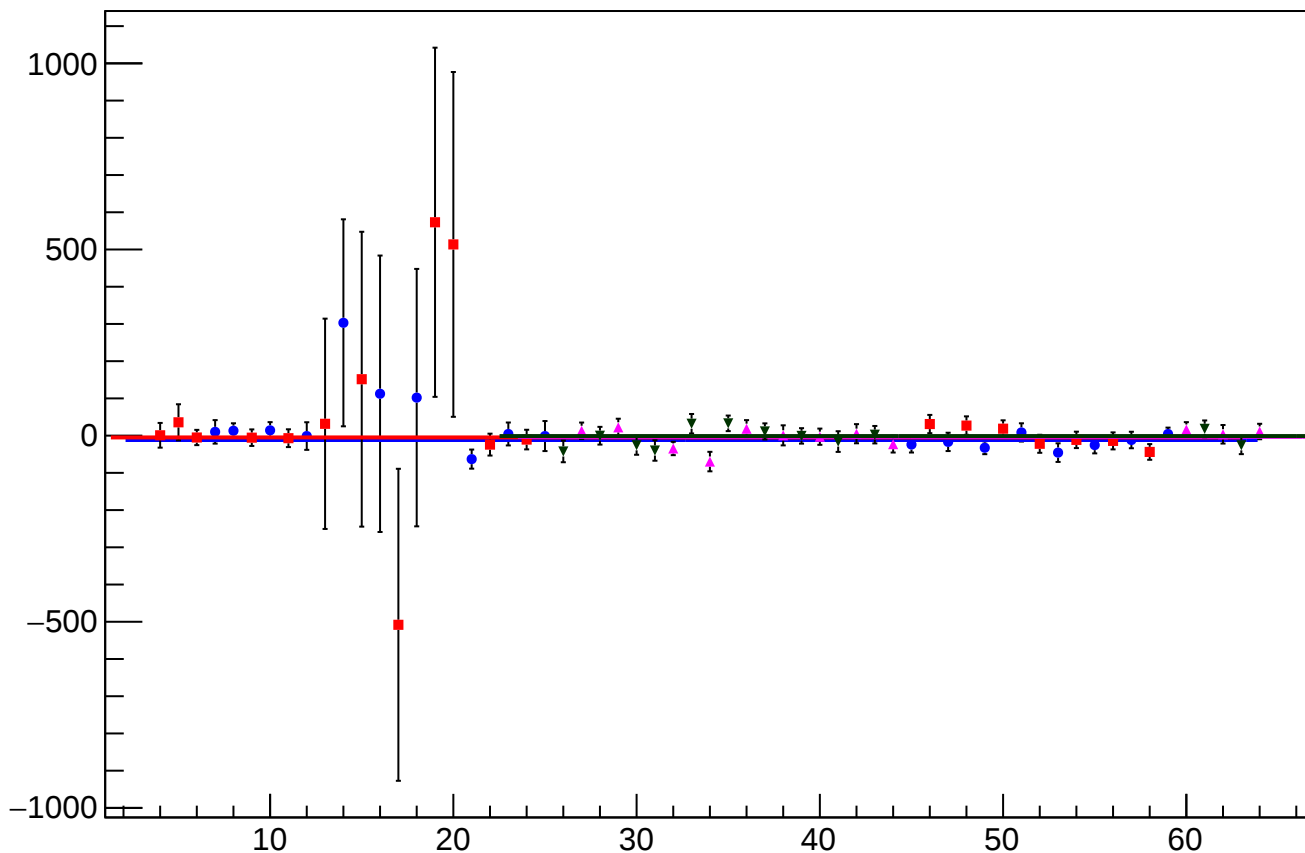
145.377 $\pm$ 0.026 χ^2/NDF : 2372657.5/29

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

132.779 $\pm$ 0.024 χ^2/NDF : 2979298.3/30

Left In: 119.053 $\pm$ 0.032 χ^2/NDF : 457535.9/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -11.713 ± 6.036 $\chi^2/\text{NDF}: 15.0/17$

Left Out: -1.188 ± 6.919 $\chi^2/\text{NDF}: 11.7/11$

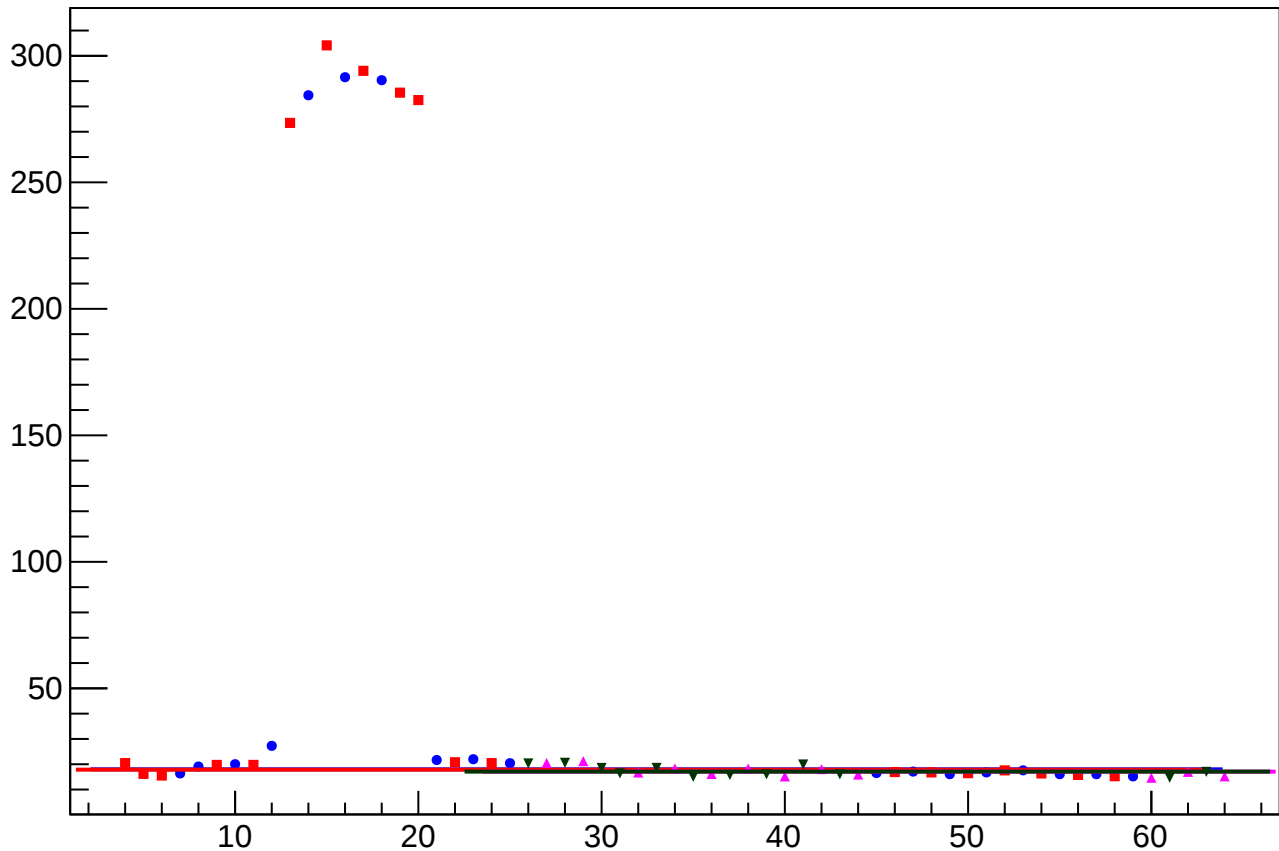
Right Out: -4.846 ± 6.550 $\chi^2/\text{NDF}: 14.7/18$

Left In: -3.232 ± 6.489 $\chi^2/\text{NDF}: 14.5/11$

-7.165 ± 4.548 $\chi^2/\text{NDF}: 28.0/29$

-4.031 ± 4.610 $\chi^2/\text{NDF}: 29.2/30$

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: 17.090+/-0.005 χ^2/NDF :162613.7/11

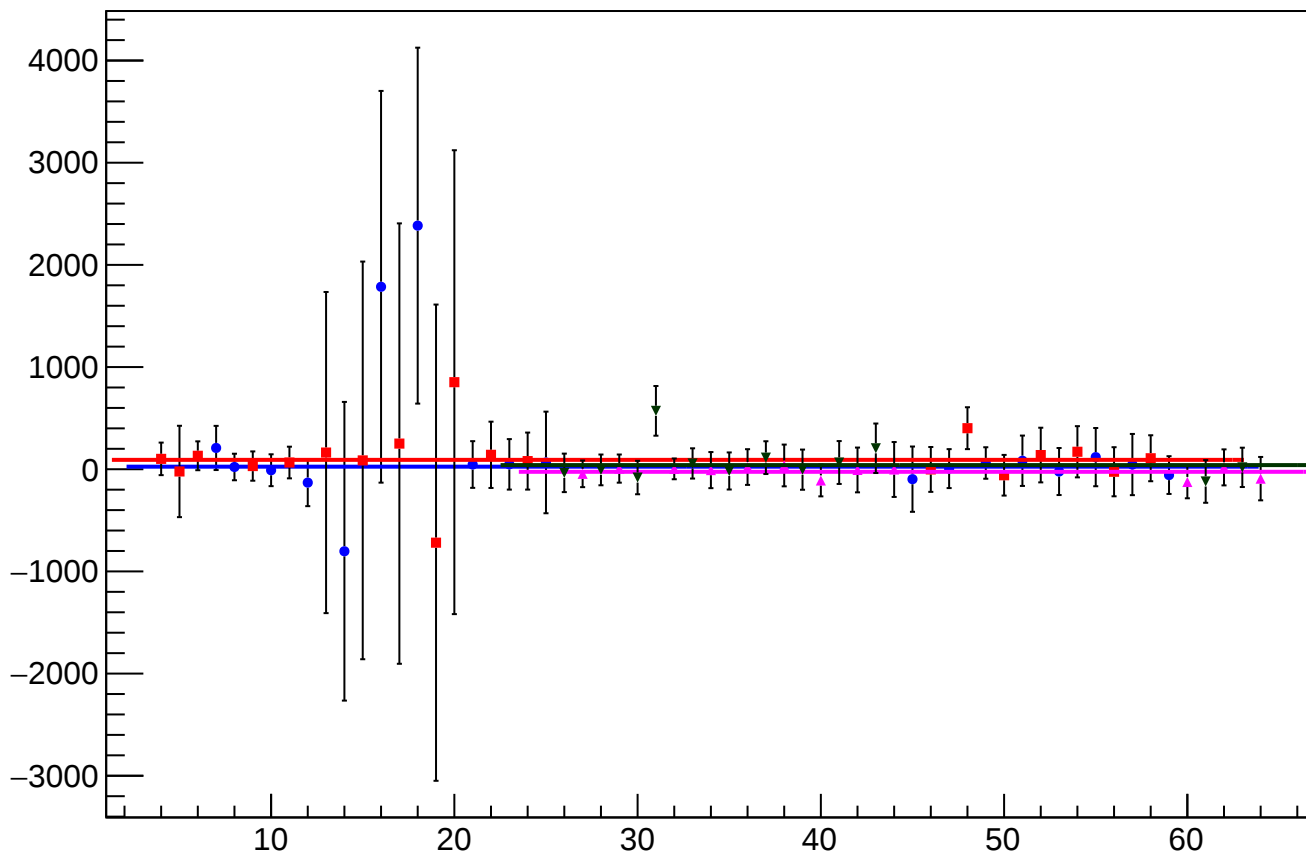
17.600+/-0.003 χ^2/NDF : 4706957.9/29

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

17.466+/-0.003 χ^2/NDF : 5240411.6/30

Left In: 17.085+/-0.005 χ^2/NDF :192353.3/11

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: 40.513+/-52.921 χ^2/NDF : 7.0/11

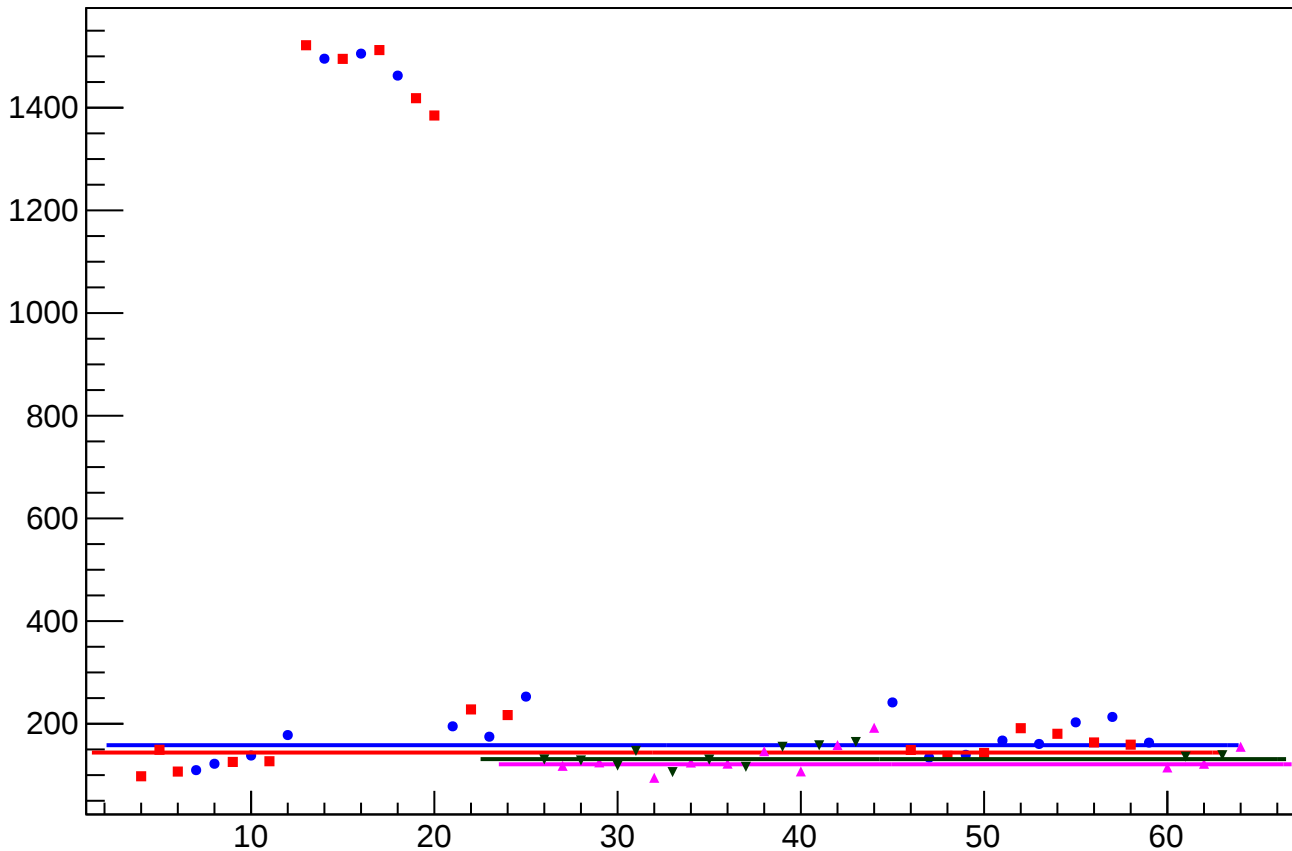
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -25.163+/-46.288 χ^2/NDF : 1.2/11

32.903+/-37.637 χ^2/NDF : 11.9/29

24.553+/-35.095 χ^2/NDF : 7.9/30

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: 131.166 $\pm$ 0.037 χ^2 /NDF: 201902.2/11

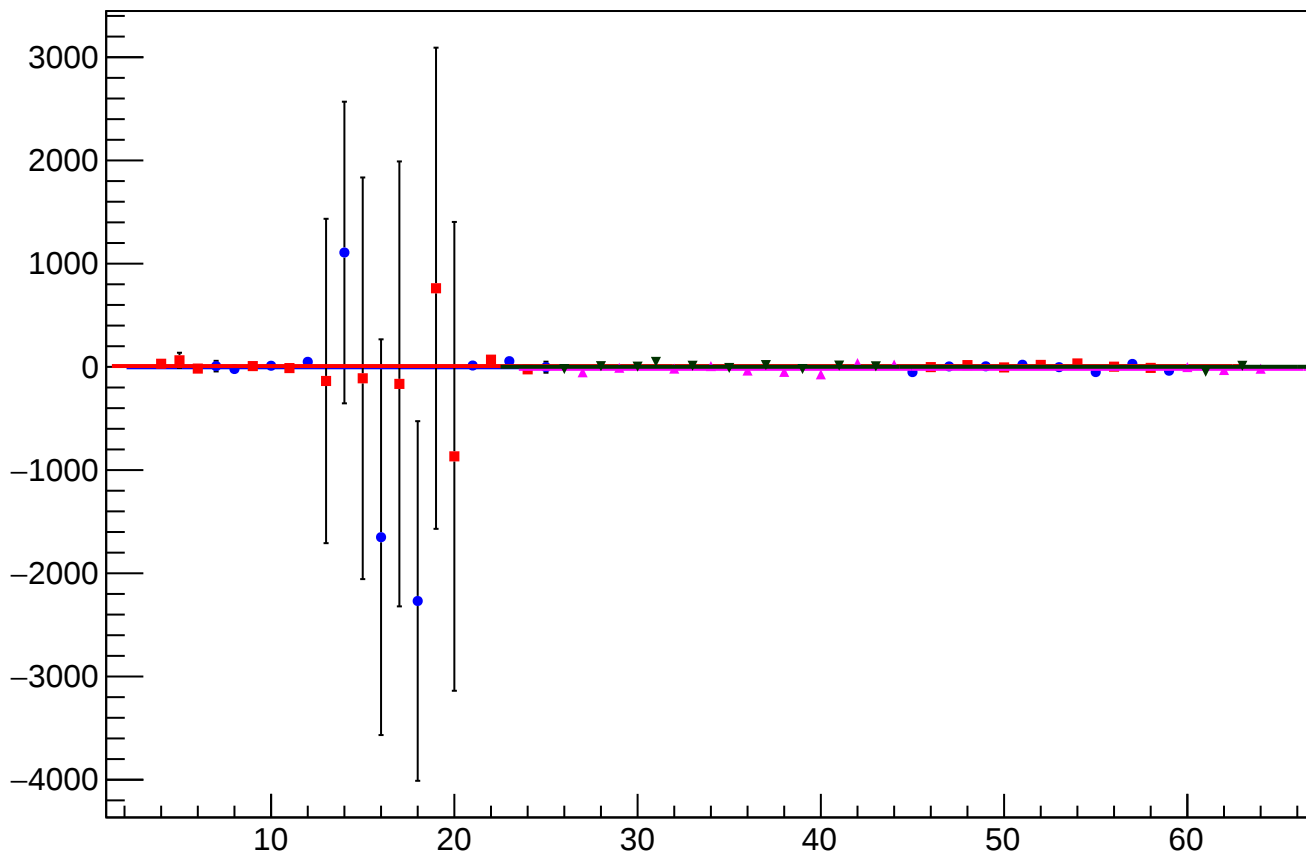
144.564 $\pm$ 0.027 χ^2 /NDF: 5000265.7/29

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

130.794 $\pm$ 0.025 χ^2 /NDF: 5912630.5/30

Left In: 121.072 $\pm$ 0.033 χ^2 /NDF: 437127.3/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -4.070+/-7.876 χ^2 /NDF: 17.6/17

Left Out: 0.891+/-8.766 χ^2 /NDF:6.7/11

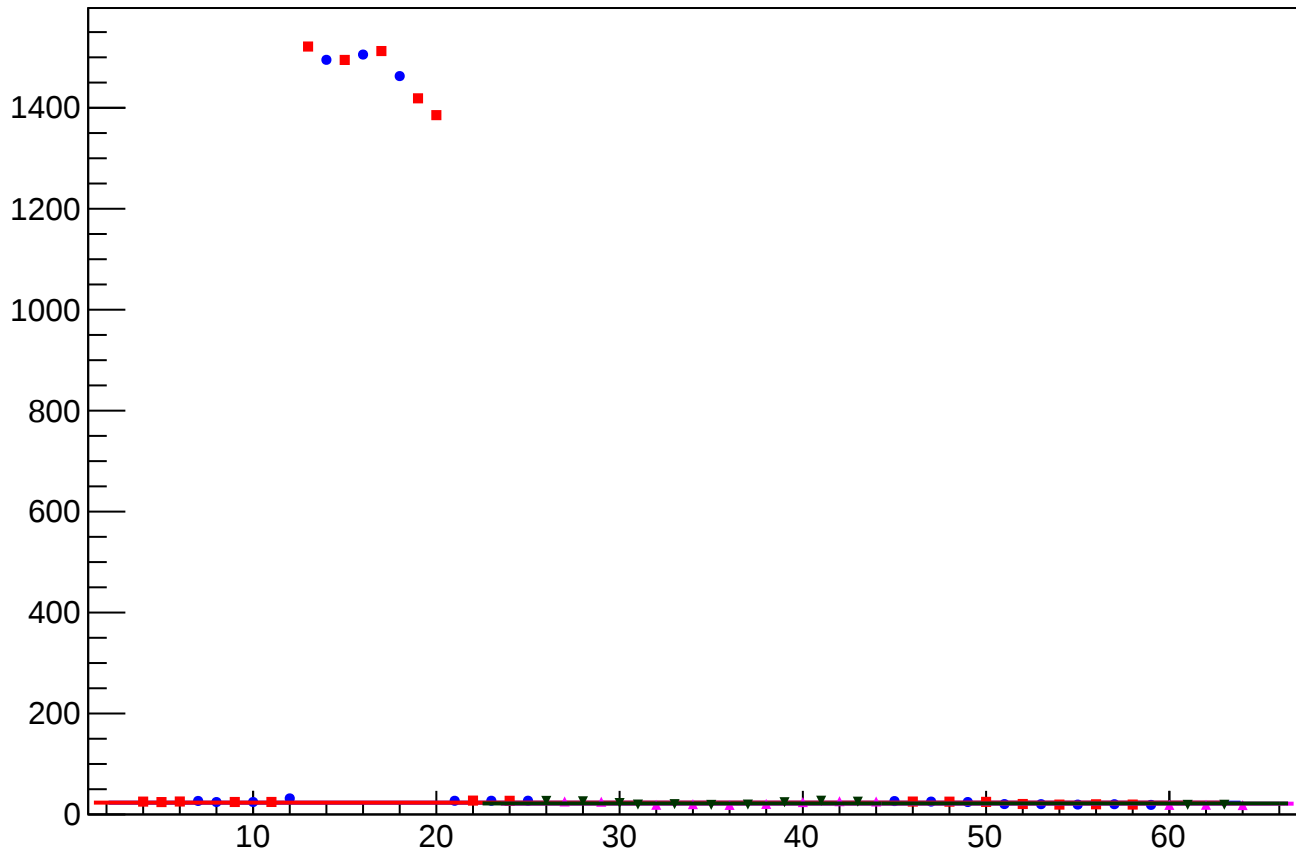
Right Out: 7.973+/-8.718 χ^2 /NDF: 7.3/18

Left In: -19.208+/-8.045 χ^2 /NDF:10.4/11

-1.854+/-5.859 χ^2 /NDF: 24.5/29

-6.707+/-5.912 χ^2 /NDF: 23.0/30

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: 21.803+/-0.006 χ^2/NDF : 239544.4/11

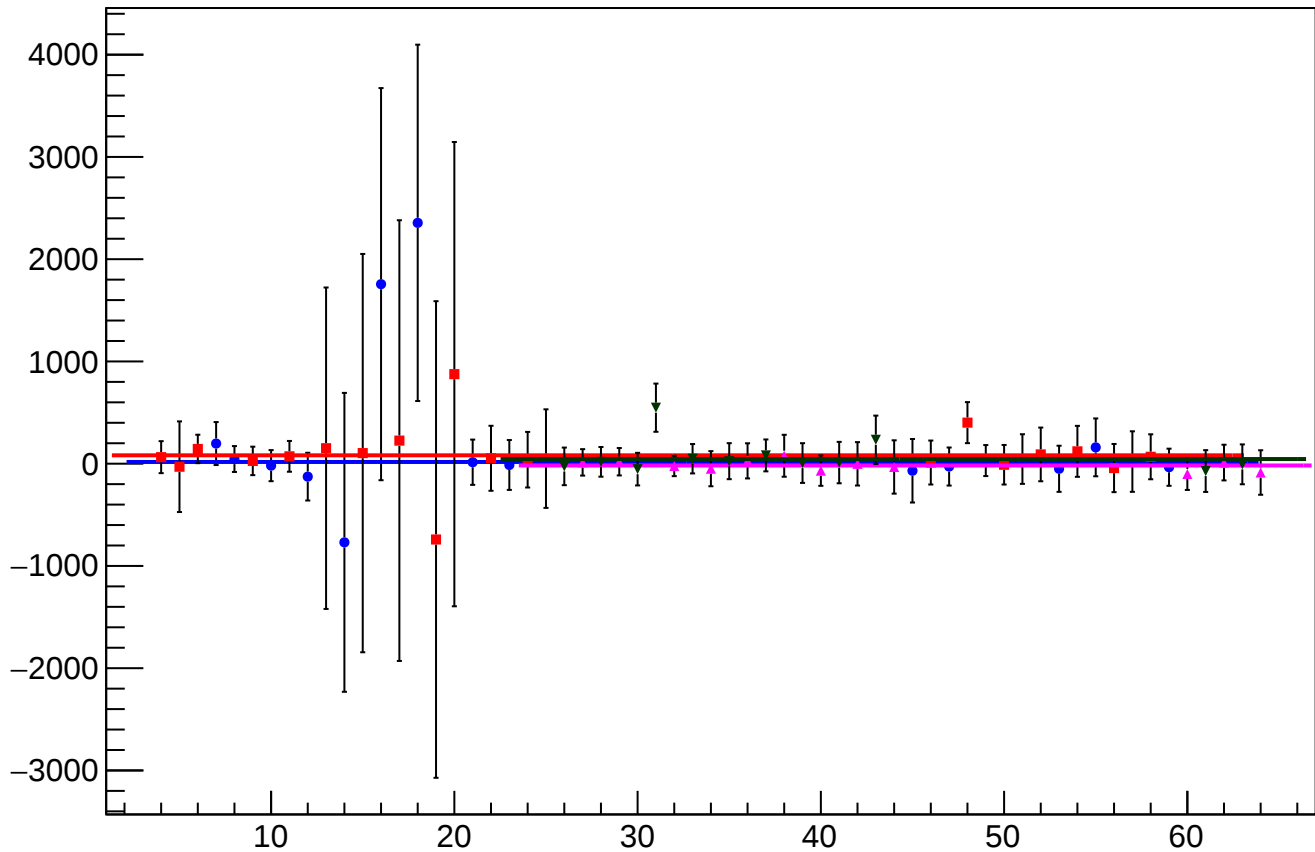
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 21.352+/-0.006 χ^2/NDF : 264977.8/11

22.651+/-0.004 χ^2/NDF : 5238645.1/29

22.314+/-0.004 χ^2/NDF : 5888804.4/30

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: 45.444+/-51.624 χ^2/NDF : 6.3/11

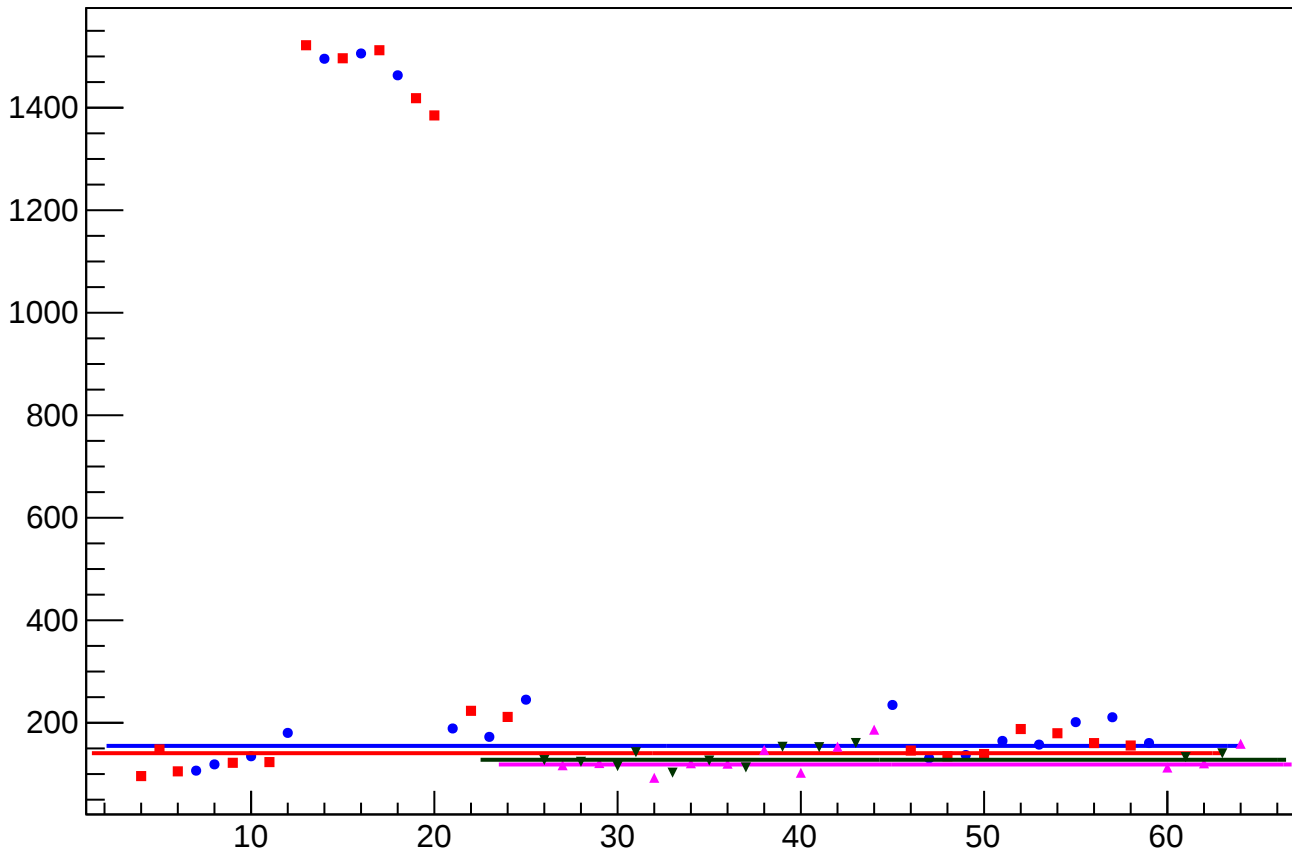
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -17.375+/-45.401 χ^2/NDF : 1.0/11

31.427+/-36.805 χ^2/NDF : 11.2/29

24.951+/-34.387 χ^2/NDF : 6.9/30

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: 127.864 $\pm$ 0.037 χ^2 /NDF: 212553.0/11

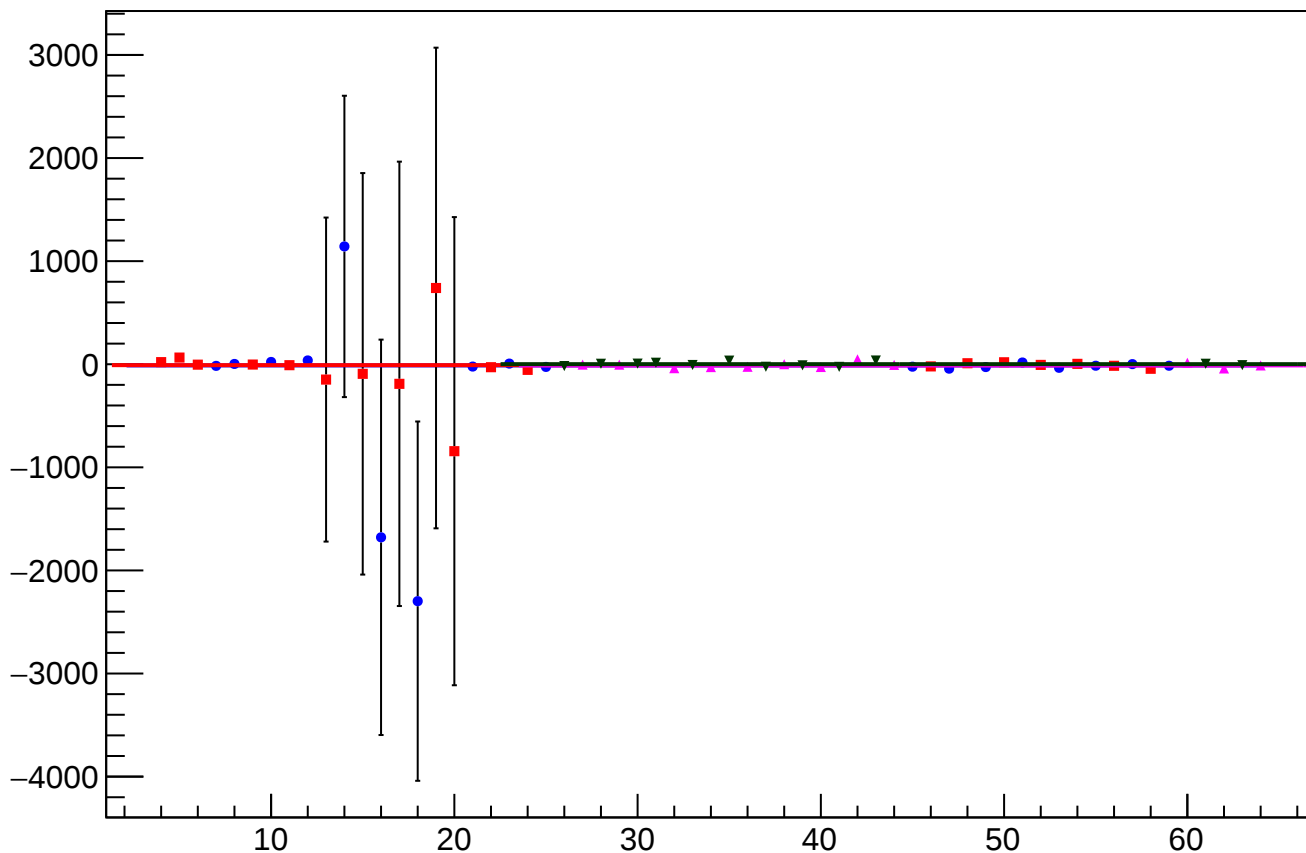
141.181 $\pm$ 0.026 χ^2 /NDF: 5063820.9/29

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

128.065 $\pm$ 0.024 χ^2 /NDF: 5954104.0/30

Left In: 118.669 $\pm$ 0.032 χ^2 /NDF: 461159.4/11

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: 0.785 $\pm$ 6.425 χ^2 /NDF:9.7/11

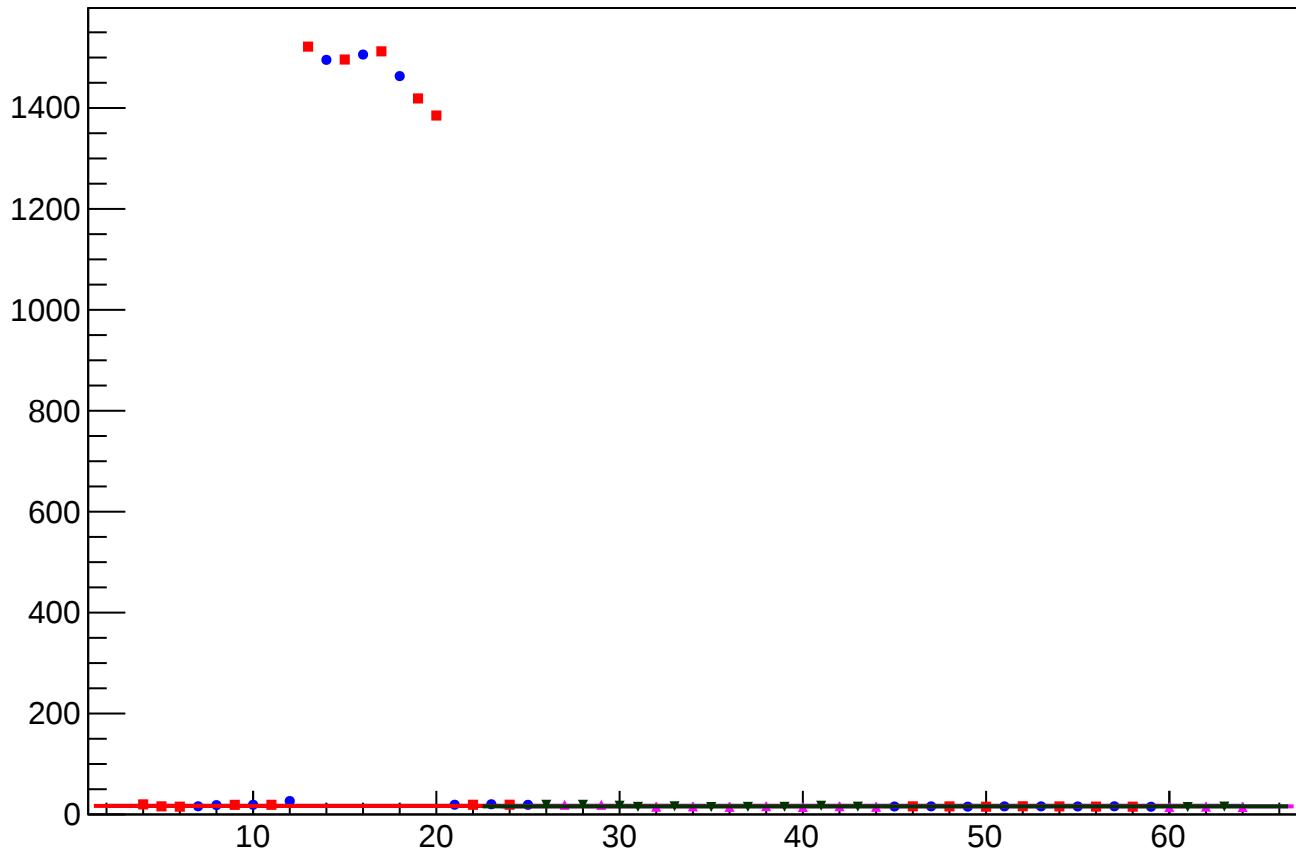
Right Out: -8.864 $\pm$ 6.293 χ^2 /NDF: 13.3/18

Left In: -11.652 $\pm$ 6.018 χ^2 /NDF:14.8/11

-5.919 $\pm$ 4.294 χ^2 /NDF: 26.7/29

-10.320 $\pm$ 4.349 χ^2 /NDF: 28.3/30

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.094 $\pm$ 0.004 χ^2 /NDF: 4922010.4/17

Left Out: 16.033 $\pm$ 0.005 χ^2 /NDF:107280.7/11

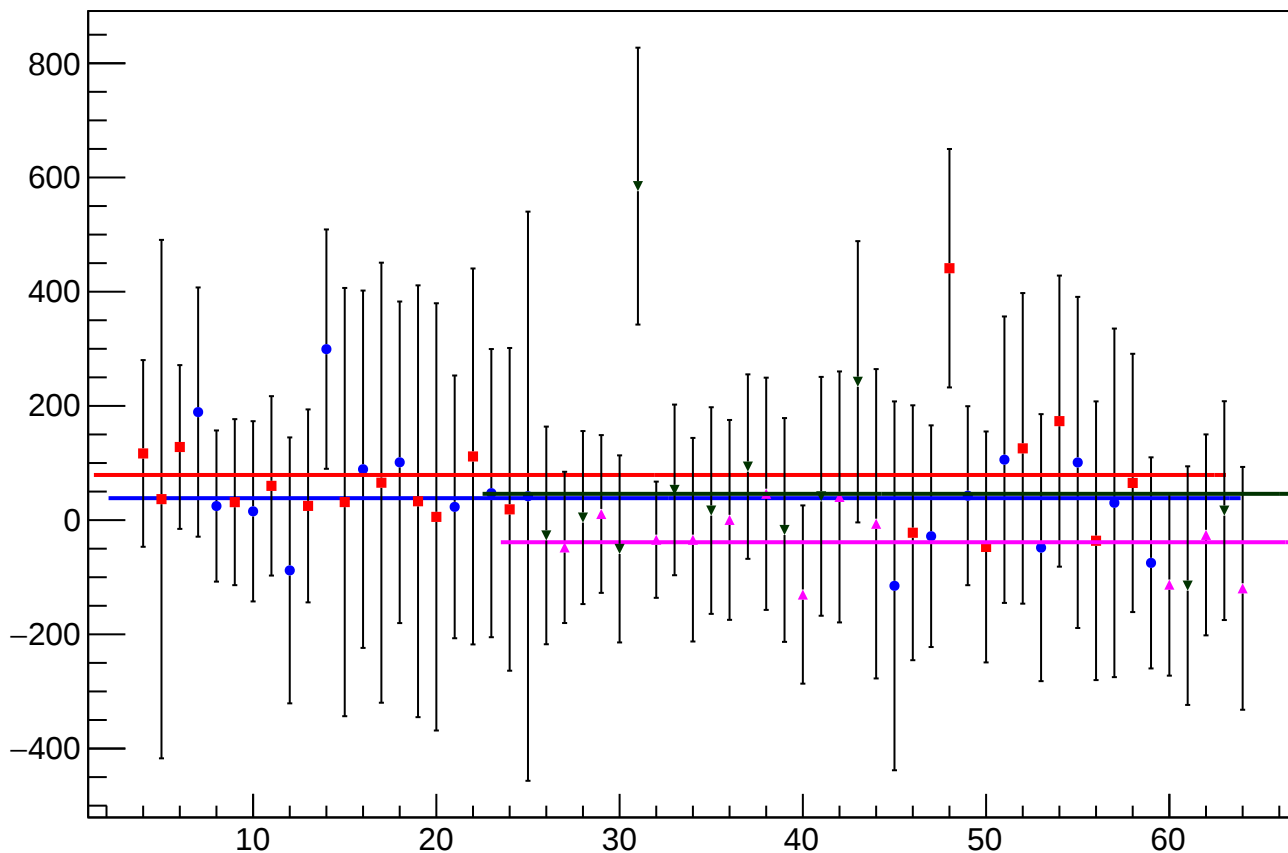
16.620 $\pm$ 0.003 χ^2 /NDF: 5059505.7/29

Right Out: 16.920 $\pm$ 0.004 χ^2 /NDF: 5539958.1/18

16.456 $\pm$ 0.003 χ^2 /NDF: 5687133.0/30

Left In: 16.033 $\pm$ 0.004 χ^2 /NDF:126423.4/11

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: 46.048+/-53.103 χ^2/NDF : 7.0/11

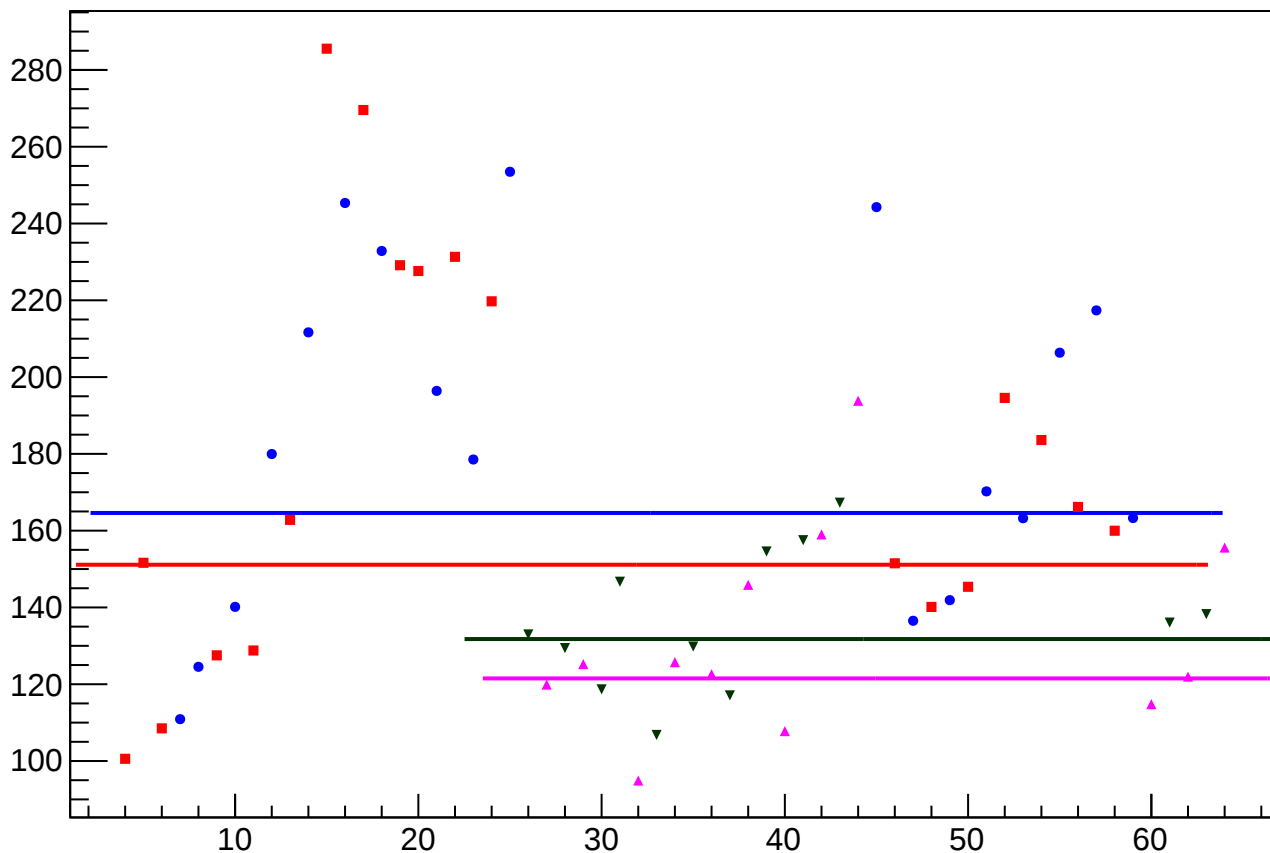
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -38.713+/-46.450 χ^2/NDF : 1.2/11

42.098+/-36.799 χ^2/NDF : 10.4/29

15.580+/-34.104 χ^2/NDF : 8.7/30

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 164.613+/-0.036 χ^2/NDF : 1128549.0/17

Left Out: 131.765+/-0.038 χ^2/NDF : 195740.7/11

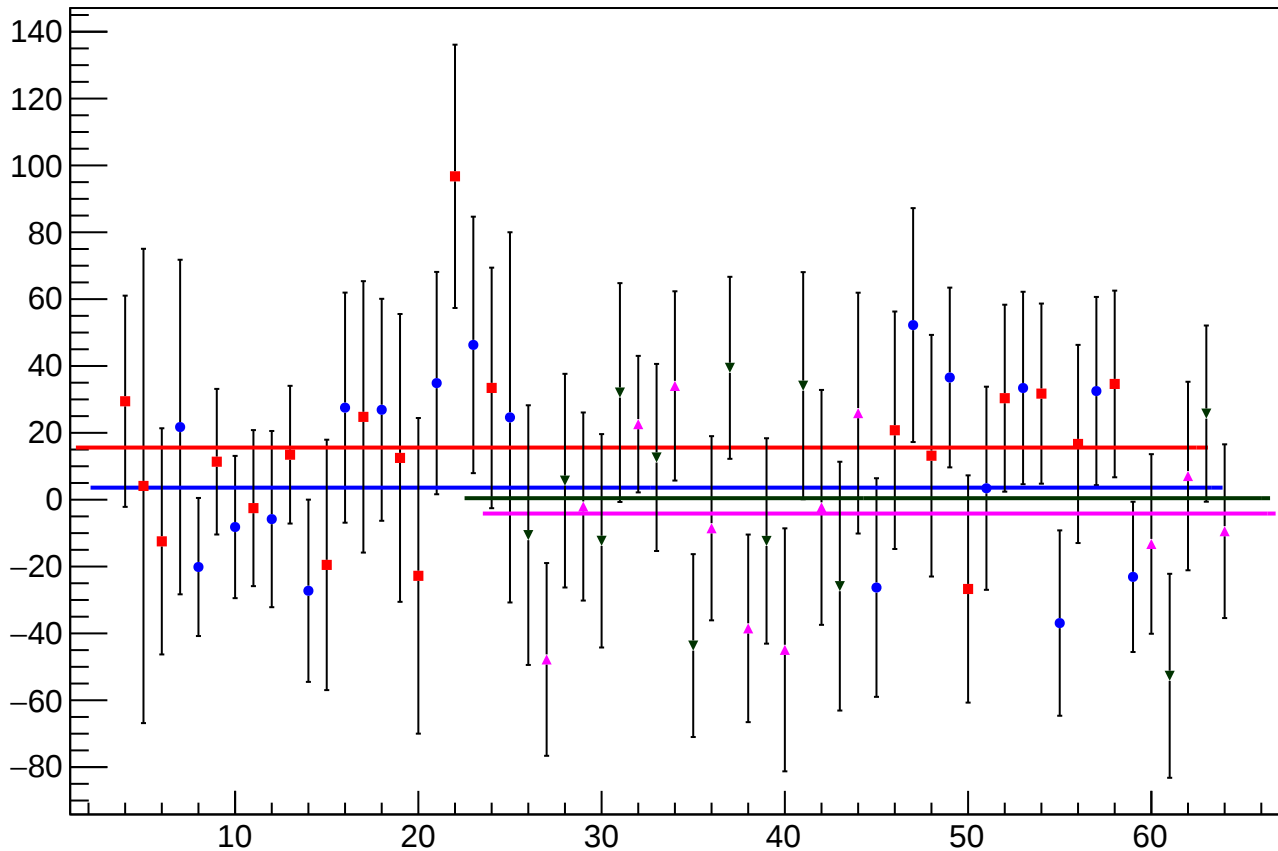
148.839+/-0.026 χ^2/NDF : 1722057.9/29

Right Out: 151.124+/-0.036 χ^2/NDF : 1423423.3/18

135.162+/-0.024 χ^2/NDF : 2237607.1/30

Left In: 121.514+/-0.033 χ^2/NDF : 439594.4/11

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: 0.451 ± 8.880 $\chi^2/\text{NDF}: 11.6/11$

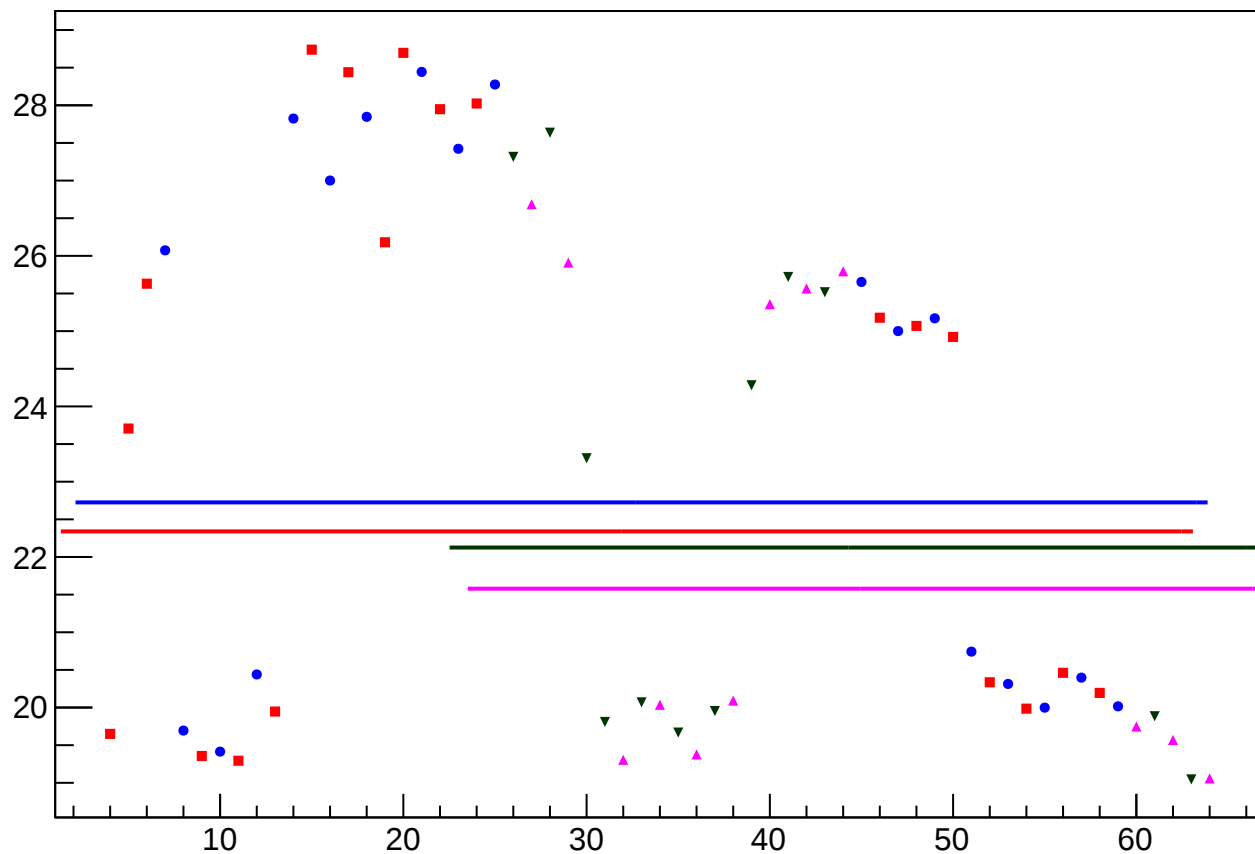
Right Out: 15.596 ± 7.143 $\chi^2/\text{NDF}: 10.3/18$

Left In: -4.145 ± 8.122 $\chi^2/\text{NDF}: 9.6/11$

2.431 ± 5.420 $\chi^2/\text{NDF}: 28.1/29$

6.986 ± 5.364 $\chi^2/\text{NDF}: 23.3/30$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 22.725 $\pm$ 0.005 χ^2 /NDF: 498774.9/17

Left Out: 22.125 $\pm$ 0.006 χ^2 /NDF: 234566.1/11

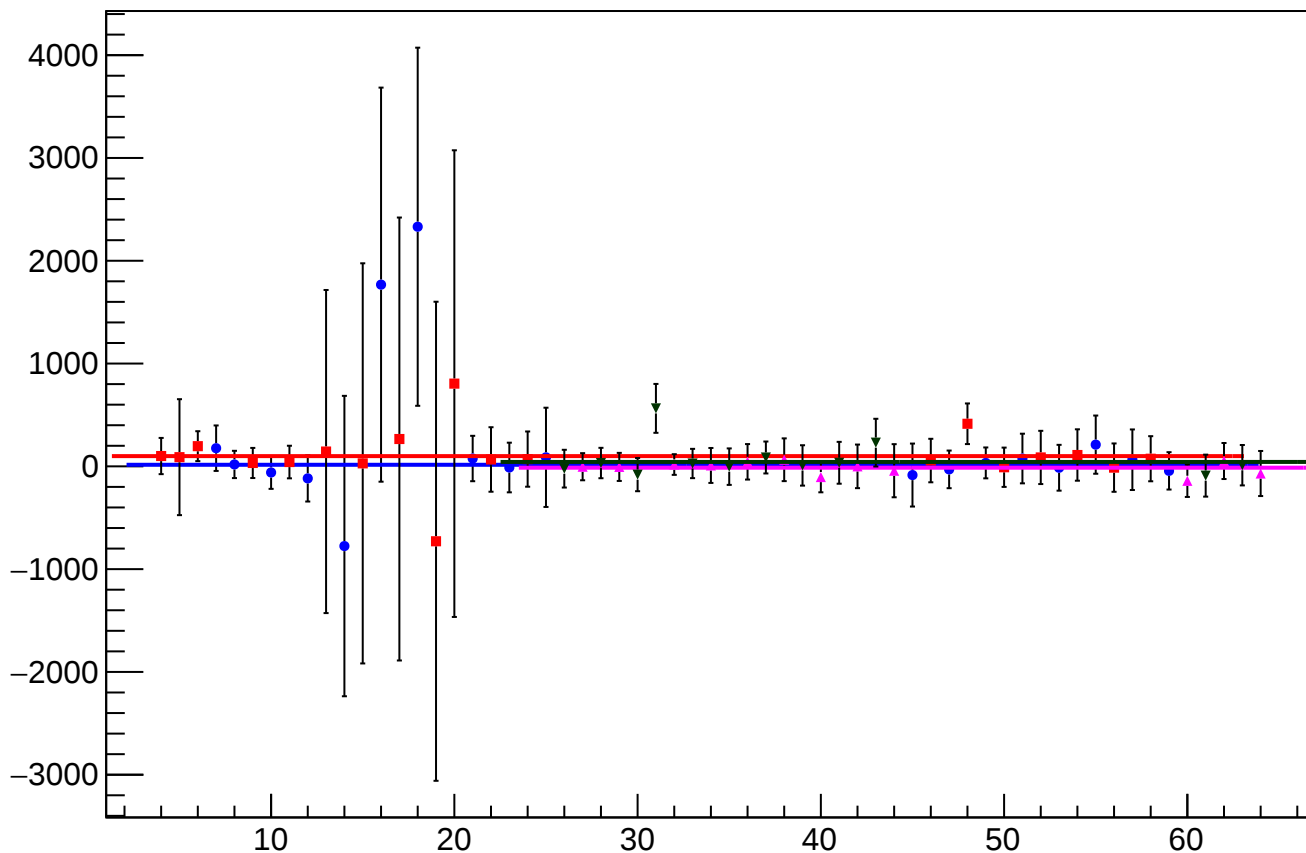
Right Out: 22.340 $\pm$ 0.005 χ^2 /NDF: 460008.2/18

Left In: 21.579 $\pm$ 0.006 χ^2 /NDF: 272281.4/11

22.502 $\pm$ 0.004 χ^2 /NDF: 739060.3/29

22.008 $\pm$ 0.004 χ^2 /NDF: 742192.1/30

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 15.197 $\pm$ 53.019 χ^2 /NDF: 5.0/17

Left Out: 42.938 $\pm$ 51.816 χ^2 /NDF: 6.8/11

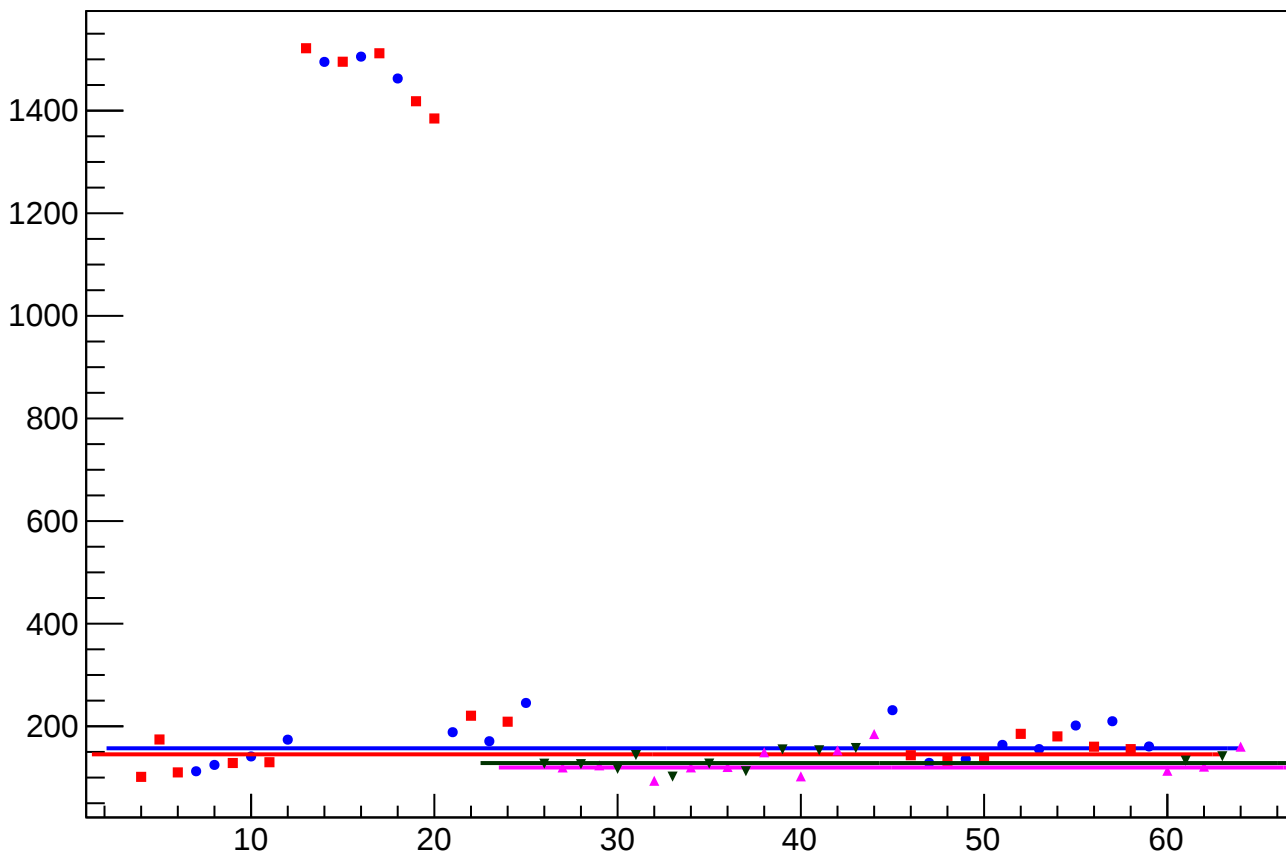
Right Out: 99.514 $\pm$ 54.286 χ^2 /NDF: 4.2/18

Left In: -13.206 $\pm$ 45.744 χ^2 /NDF: 1.6/11

29.386 $\pm$ 37.057 χ^2 /NDF: 11.9/29

33.598 $\pm$ 34.980 χ^2 /NDF: 8.3/30

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: 128.309+/-0.037 χ^2/NDF :217514.9/11

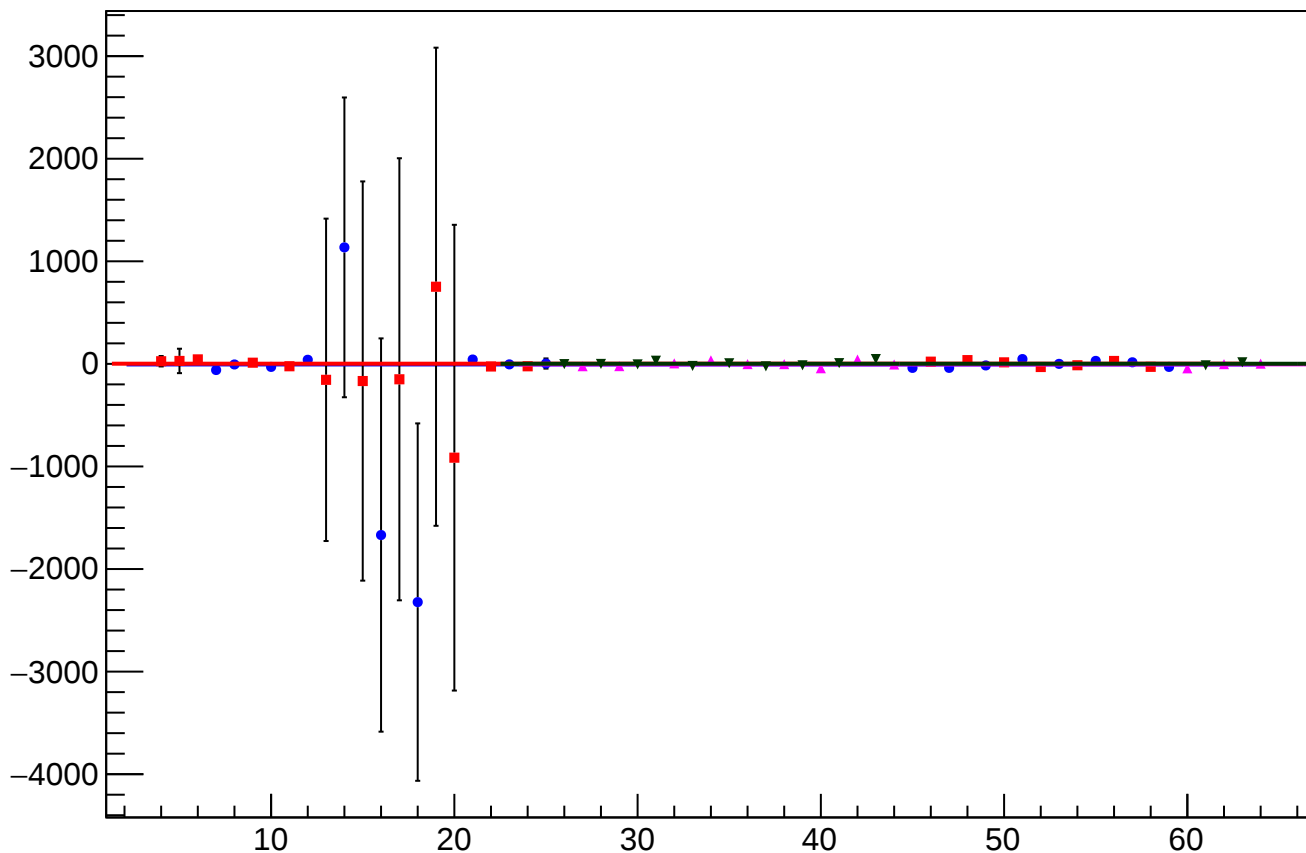
142.368+/-0.026 χ^2/NDF : 4975699.9/29

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

130.290+/-0.025 χ^2/NDF : 5836991.2/30

Left In: 119.632+/-0.032 χ^2/NDF :451391.8/11

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: 1.170+/-8.398 χ^2 /NDF: 5.8/11

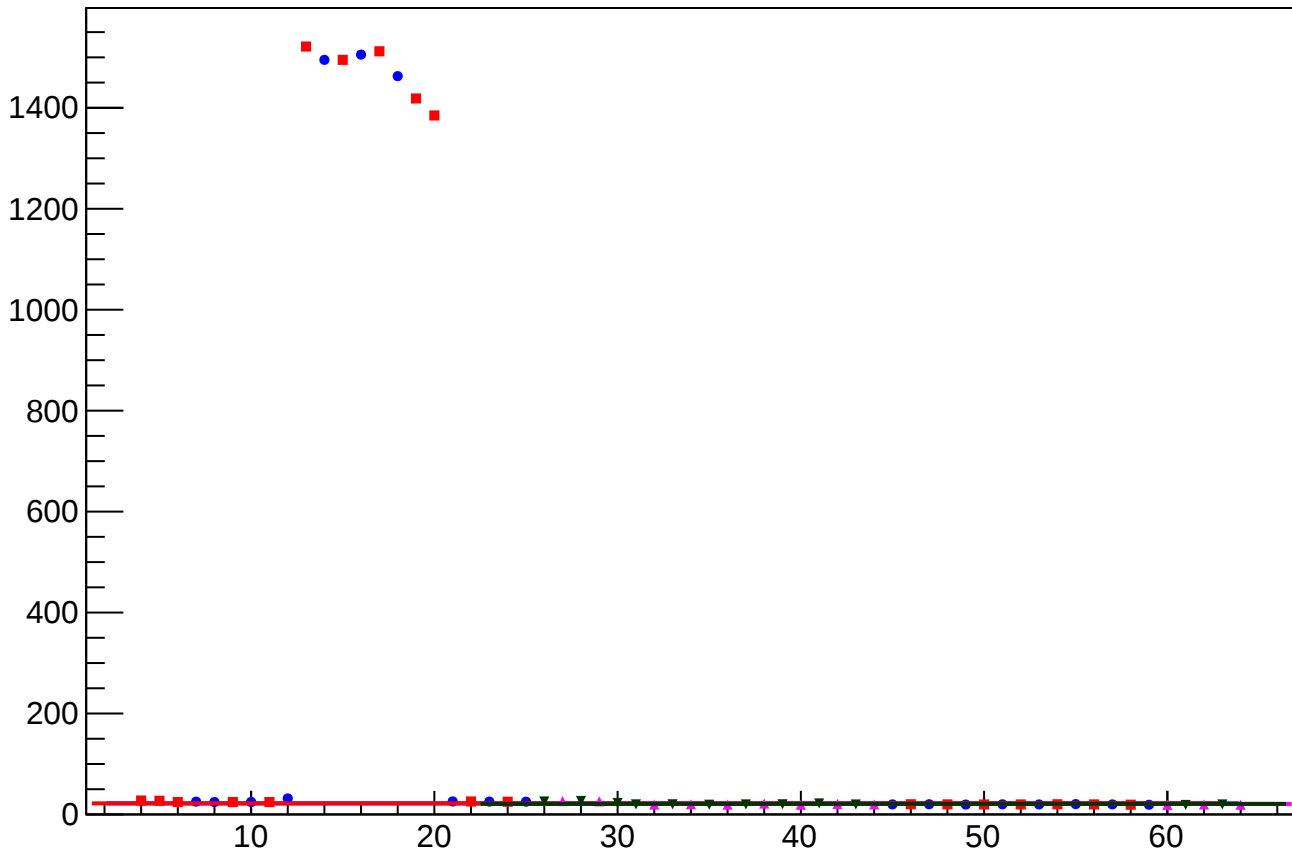
Right Out: 1.722+/-8.261 χ^2 /NDF: 10.4/18

Left In: -5.144+/-7.808 χ^2 /NDF: 9.7/11

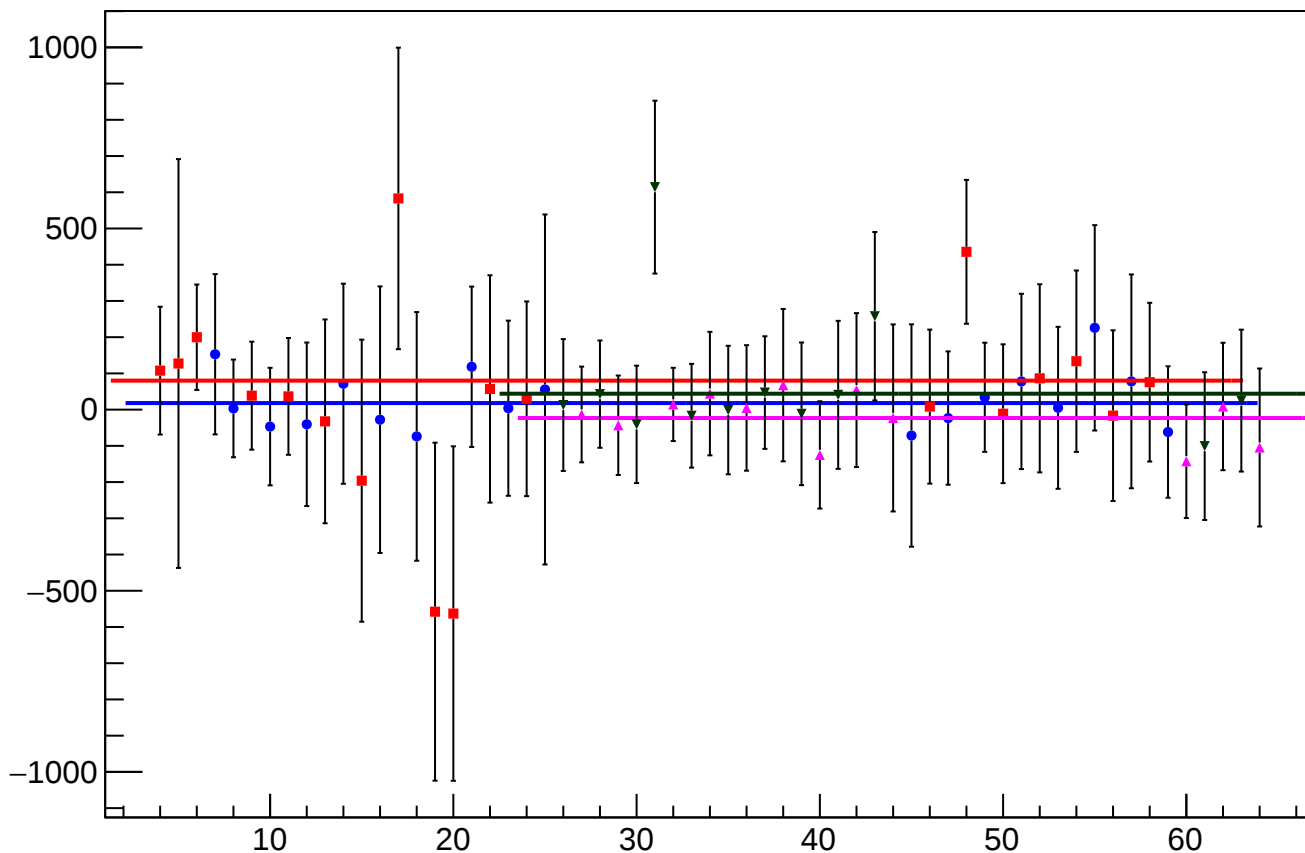
-2.681+/-5.548 χ^2 /NDF: 24.9/29

-1.904+/-5.675 χ^2 /NDF: 20.4/30

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 18.106+/-51.332 χ^2/NDF : 1.9/17

Left Out: 43.946+/-51.859 χ^2/NDF : 7.7/11

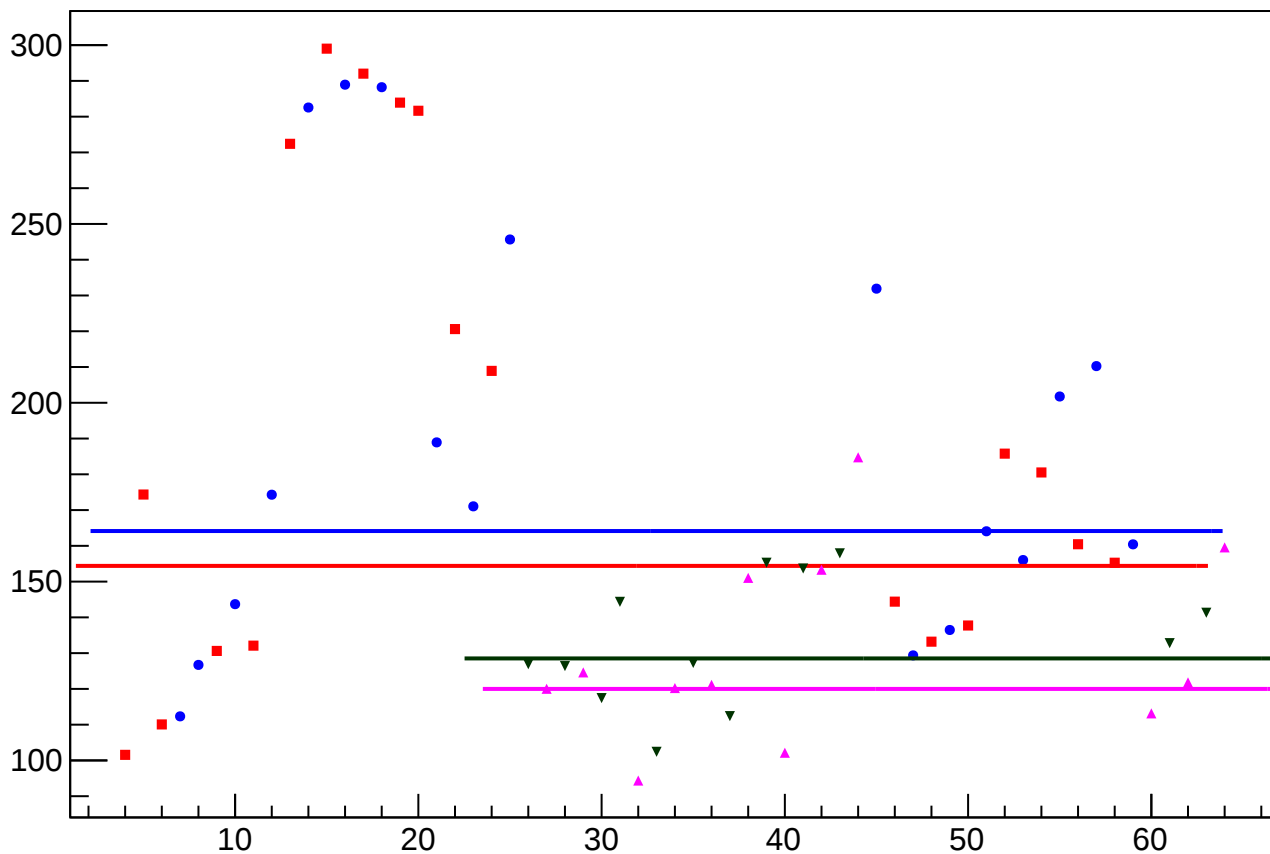
Right Out: 80.043+/-52.081 χ^2/NDF : 10.6/18

Left In: -23.163+/-45.871 χ^2/NDF : 1.9/11

30.894+/-36.482 χ^2/NDF : 9.8/29

21.923+/-34.423 χ^2/NDF : 14.7/30

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: 128.520 $\pm$ 0.037 χ^2 /NDF: 215453.2/11

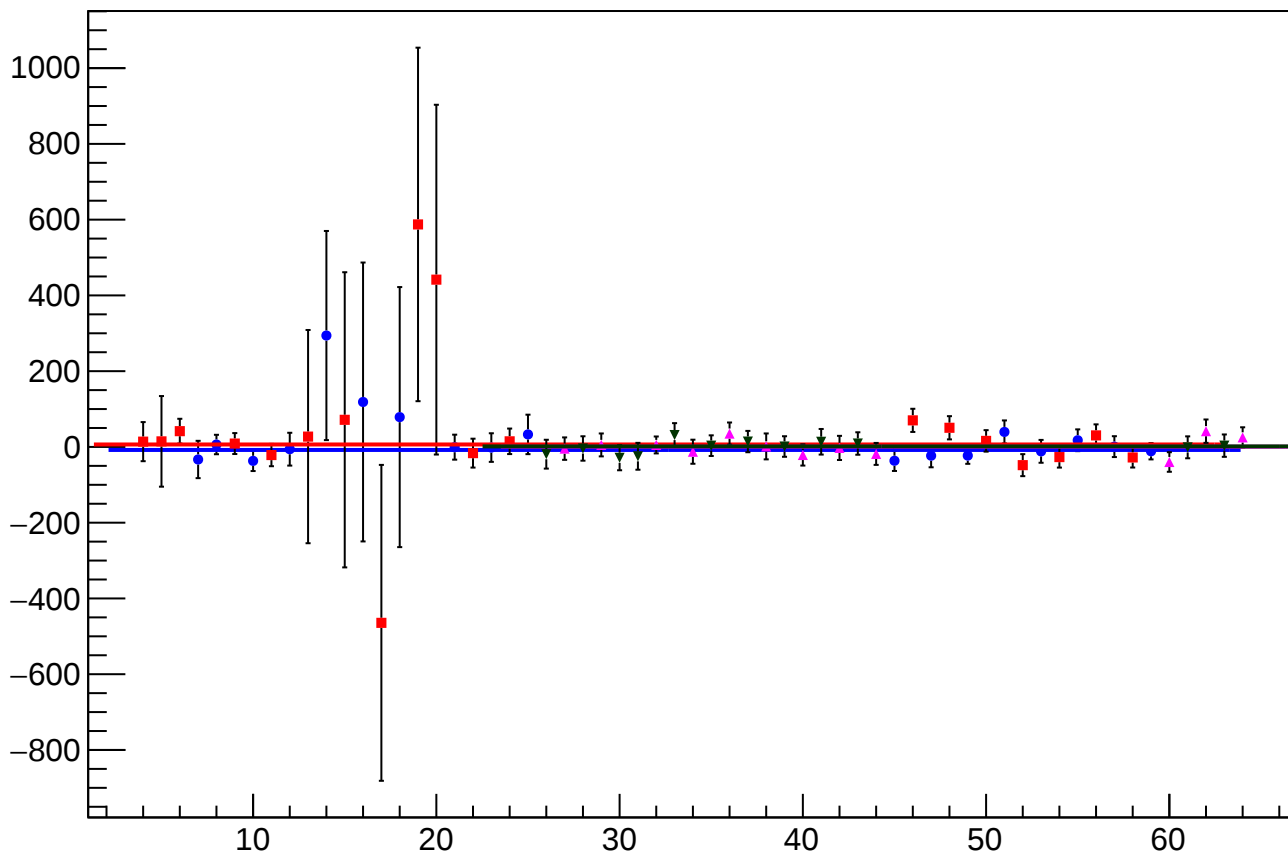
Right Out: 154.395 $\pm$ 0.037 χ^2 /NDF: 1875575.3/18

Left In: 119.997 $\pm$ 0.032 χ^2 /NDF: 448310.4/11

146.512 $\pm$ 0.026 χ^2 /NDF: 2258597.5/29

135.024 $\pm$ 0.024 χ^2 /NDF: 2815189.1/30

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: 1.370+/-8.872 χ^2/NDF : 3.0/11

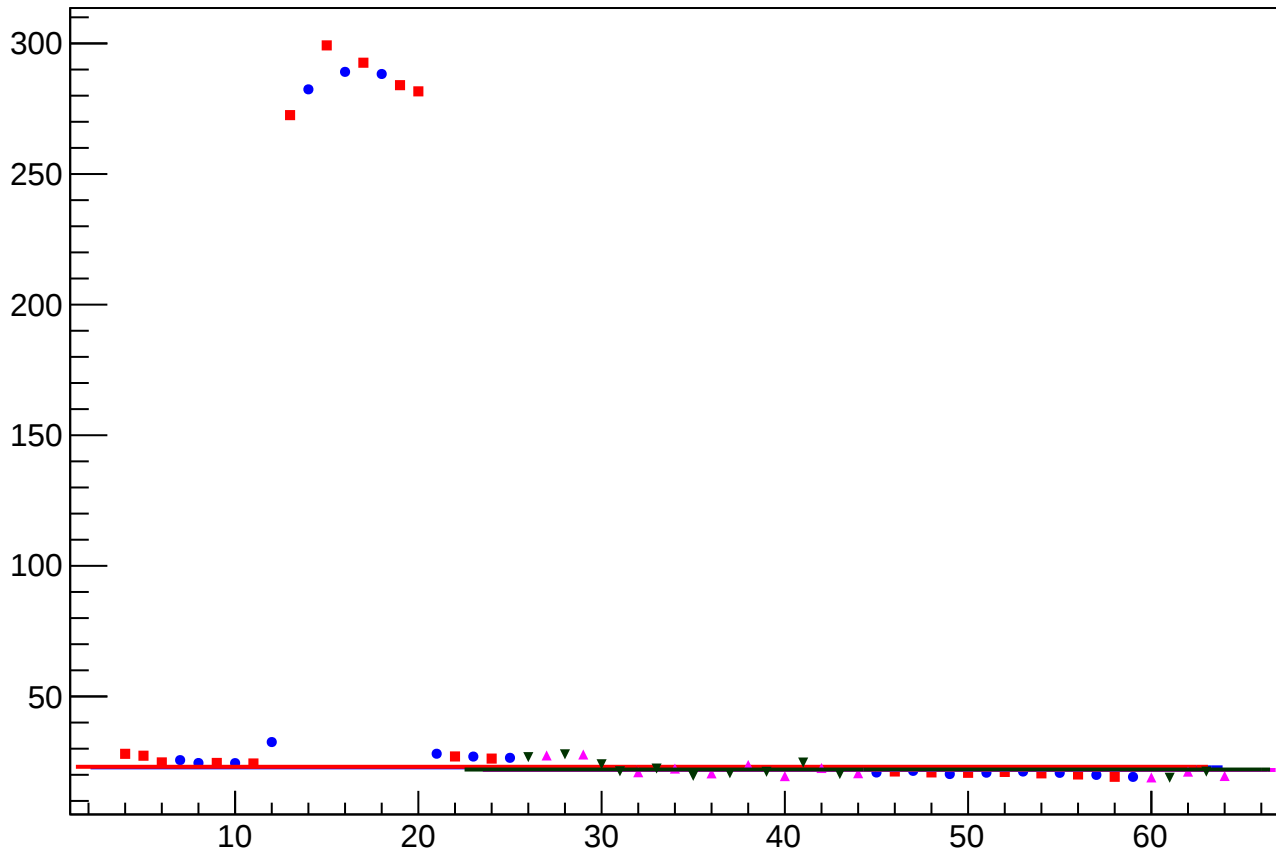
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: 0.581+/-8.258 χ^2/NDF : 7.8/11

-4.022+/-5.773 χ^2/NDF : 12.7/29

3.445+/-5.916 χ^2/NDF : 28.1/30

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: 22.018+/-0.006 χ^2/NDF : 172173.7/11

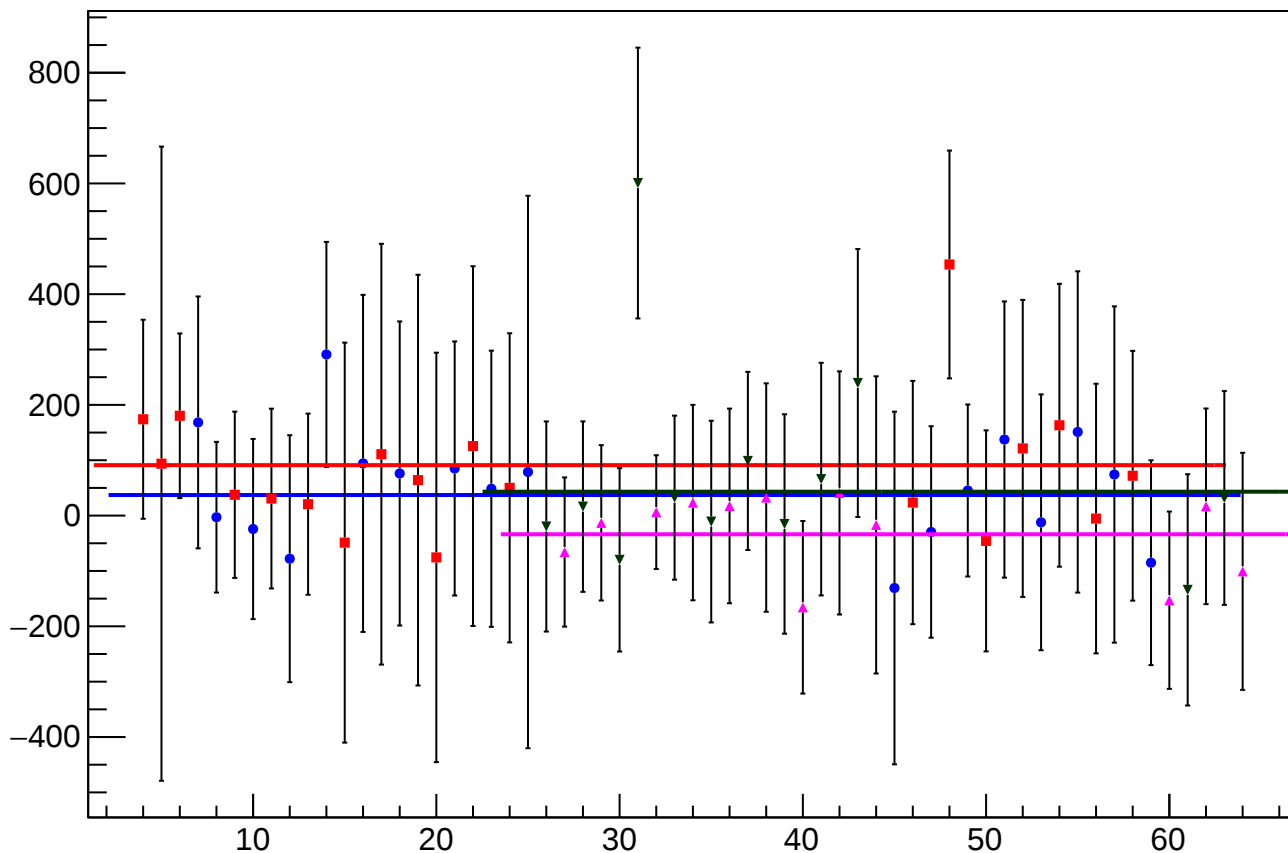
22.500+/-0.004 χ^2/NDF : 4545925.7/29

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

22.439+/-0.004 χ^2/NDF : 5098287.8/30

Left In: 21.841+/-0.006 χ^2/NDF : 220064.9/11

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: 43.163+/-53.273 χ^2/NDF : 7.6/11

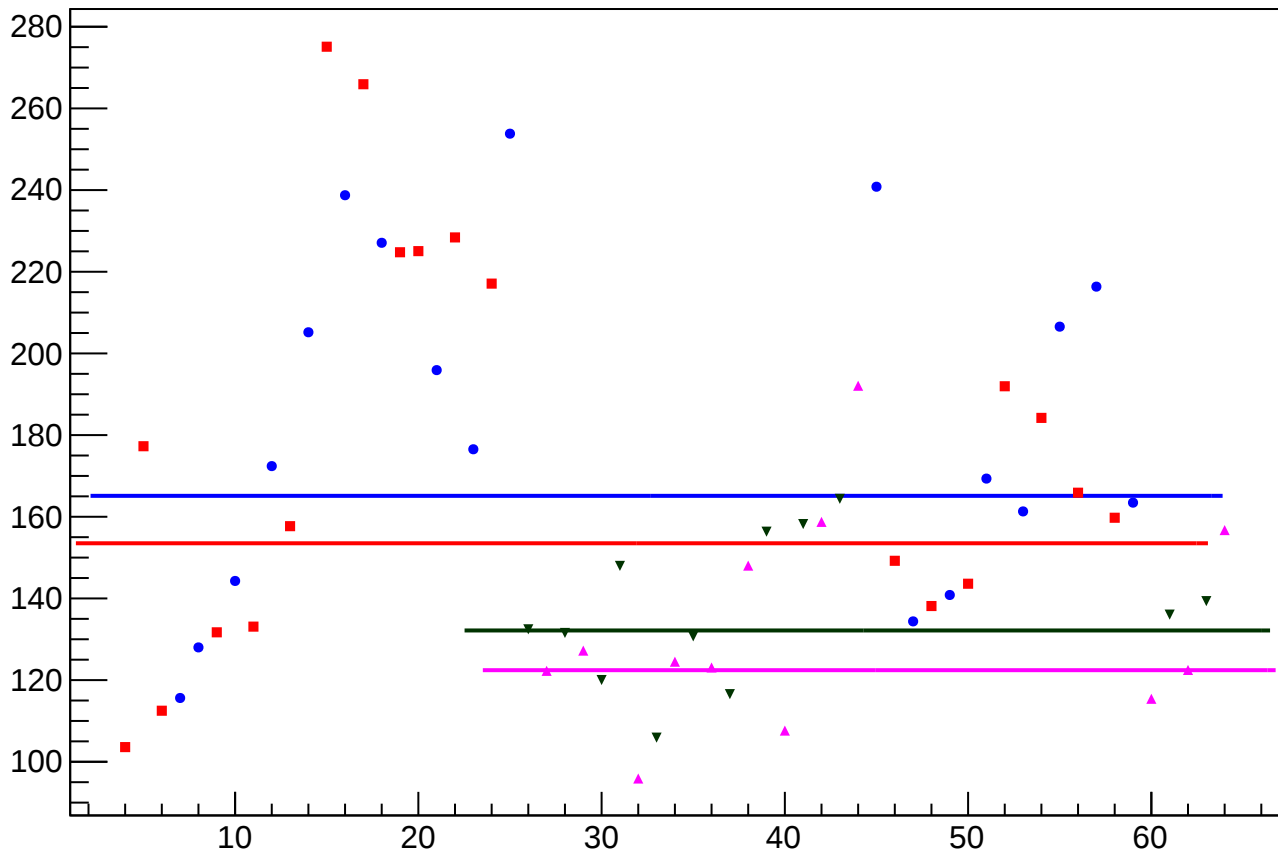
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -33.734+/-46.772 χ^2/NDF : 2.1/11

40.029+/-36.854 χ^2/NDF : 11.3/29

23.401+/-34.450 χ^2/NDF : 10.7/30

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: 132.157+/-0.038 χ^2/NDF : 200342.2/11

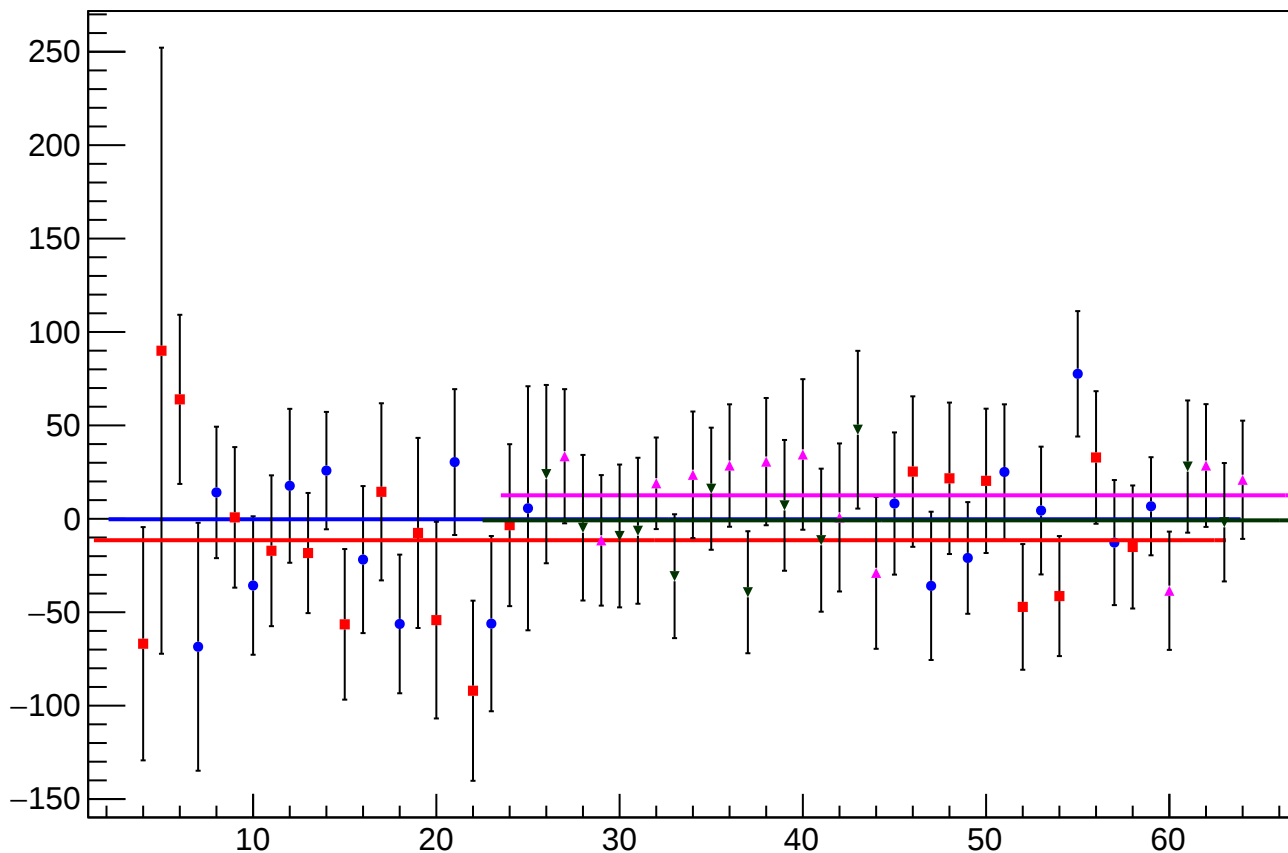
149.347+/-0.026 χ^2/NDF : 1590374.1/29

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

136.648+/-0.024 χ^2/NDF : 2071873.3/30

Left In: 122.430+/-0.033 χ^2/NDF : 429298.2/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -0.239 ± 8.646 $\chi^2/\text{NDF}: 15.1/17$

Left Out: -0.822 ± 10.497 $\chi^2/\text{NDF}: 4.9/11$

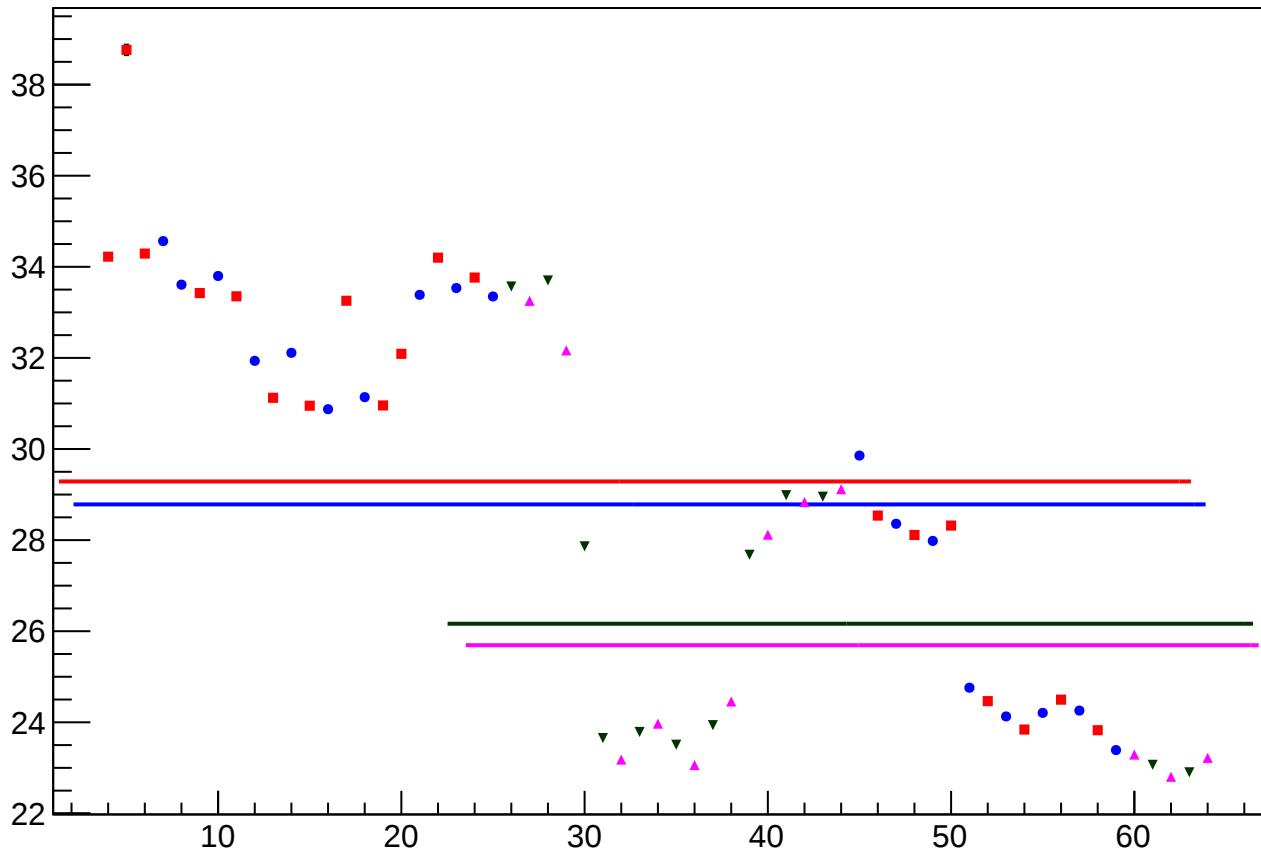
Right Out: -11.462 ± 9.405 $\chi^2/\text{NDF}: 14.9/18$

Left In: 12.583 ± 9.665 $\chi^2/\text{NDF}: 5.8/11$

-0.474 ± 6.674 $\chi^2/\text{NDF}: 20.0/29$

0.233 ± 6.740 $\chi^2/\text{NDF}: 23.9/30$

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: 26.164 $\pm$ 0.007 χ^2 /NDF: 227818.3/11

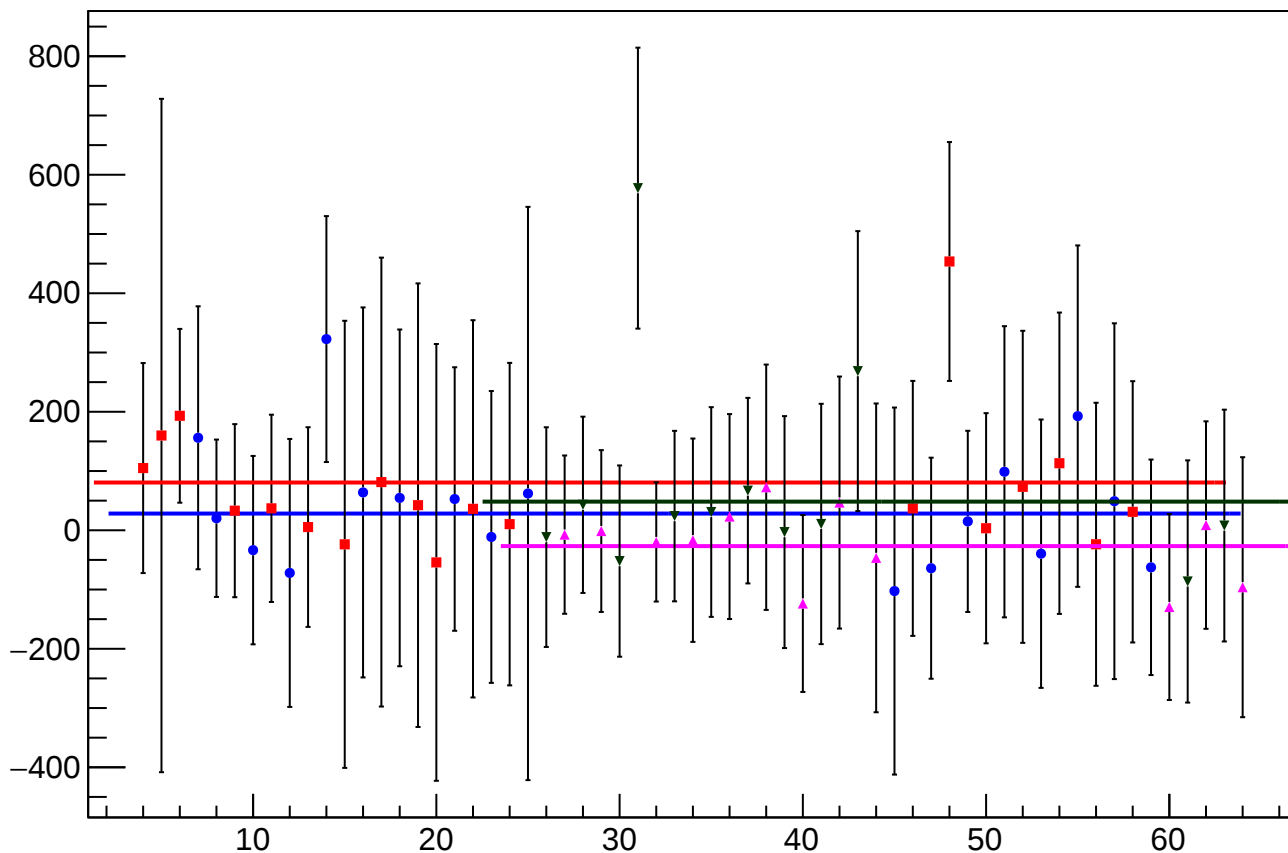
Right Out: 29.288 $\pm$ 0.007 χ^2 /NDF: 355757.4/18

Left In: 25.693 $\pm$ 0.007 χ^2 /NDF: 272217.8/11

27.725 $\pm$ 0.005 χ^2 /NDF: 720529.4/29

27.539 $\pm$ 0.005 χ^2 /NDF: 770088.3/30

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: 48.351+/-51.992 χ^2/NDF : 7.0/11

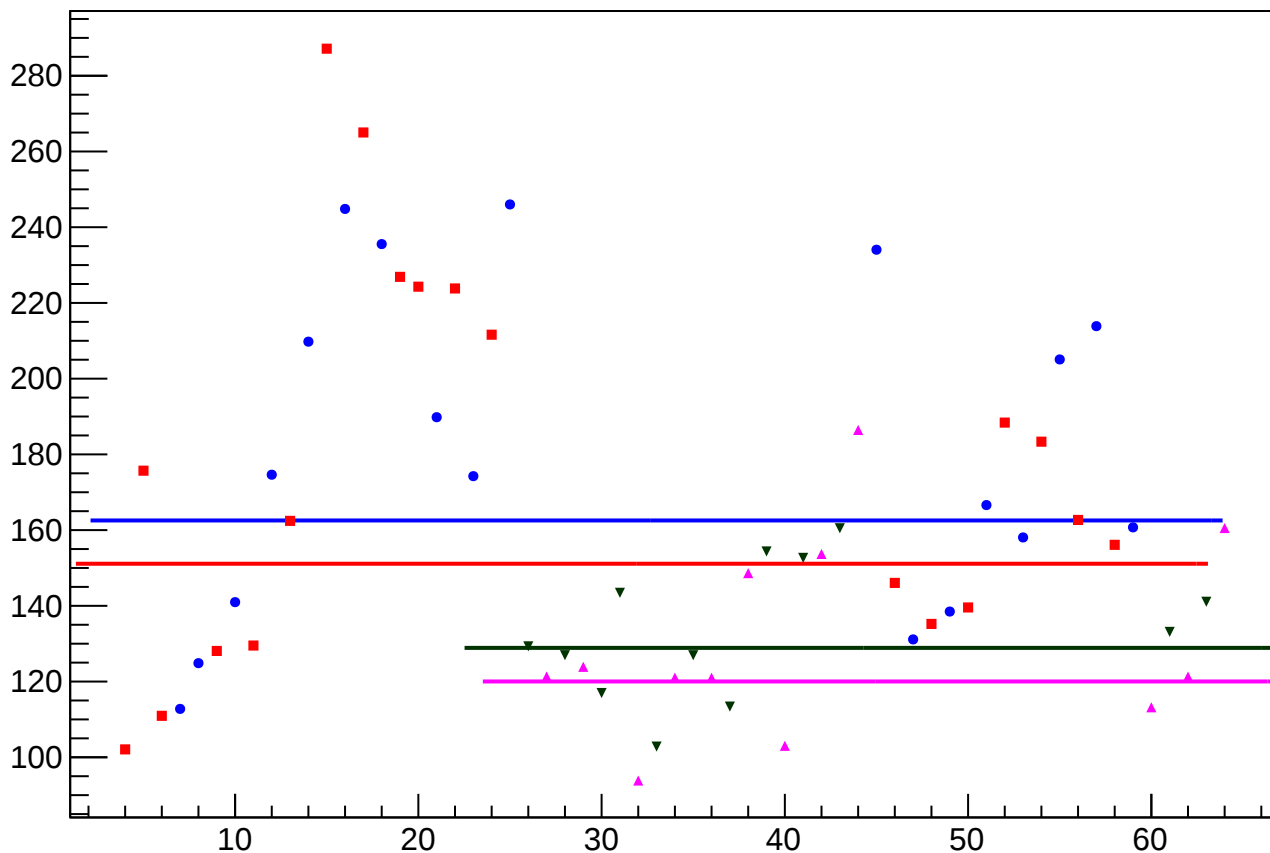
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -26.718+/-45.886 χ^2/NDF : 1.5/11

37.966+/-36.170 χ^2/NDF : 11.0/29

22.094+/-33.882 χ^2/NDF : 9.2/30

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: 128.896 $\pm$ 0.037 χ^2/NDF : 210056.5/11

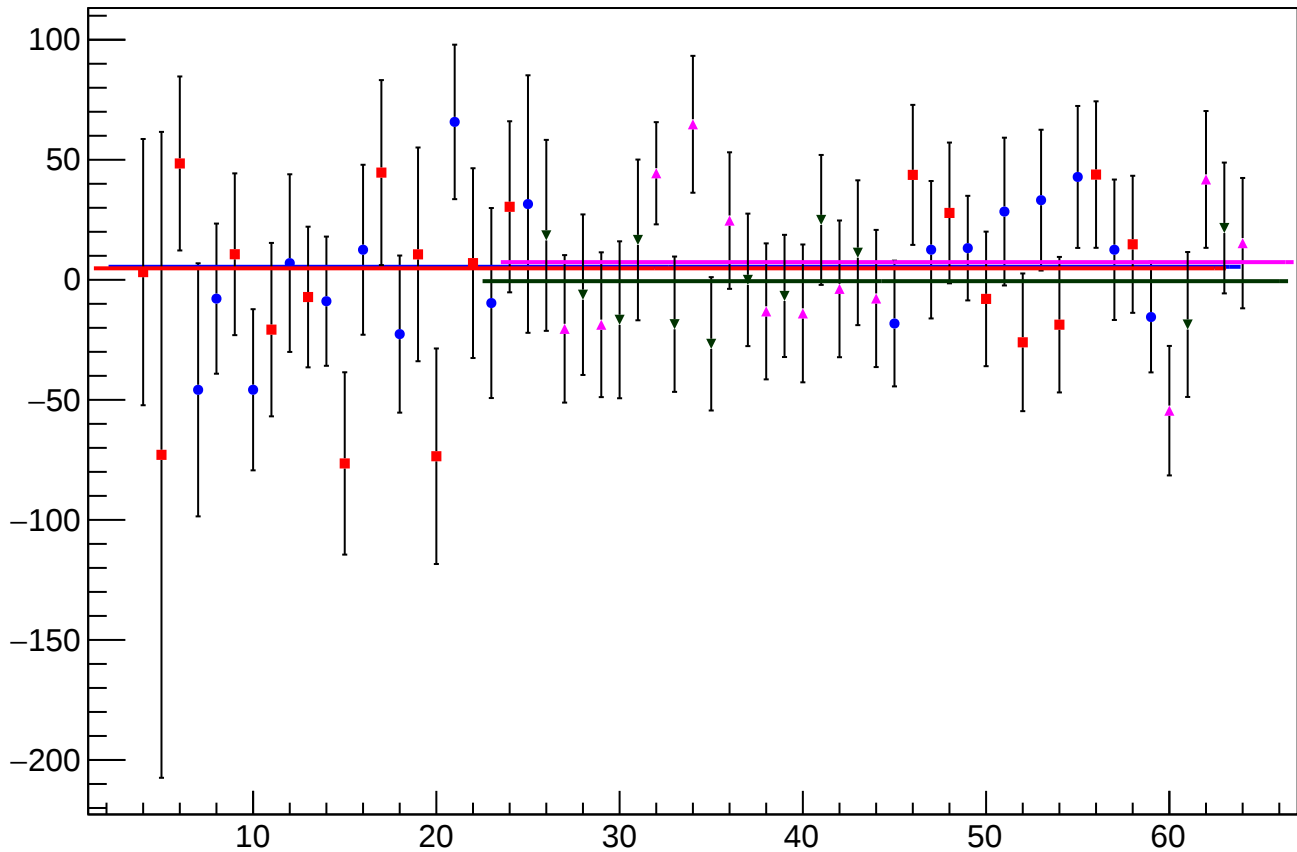
Right Out: 151.117 $\pm$ 0.036 χ^2/NDF : 1306443.7/18

Left In: 120.023 $\pm$ 0.032 χ^2/NDF : 453651.5/11

146.261 $\pm$ 0.026 χ^2/NDF : 1731738.5/29

134.164 $\pm$ 0.024 χ^2/NDF : 2177758.7/30

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 5.427 ± 7.205 $\chi^2/\text{NDF}: 13.4/17$

Left Out: -0.562 ± 8.551 $\chi^2/\text{NDF}: 4.2/11$

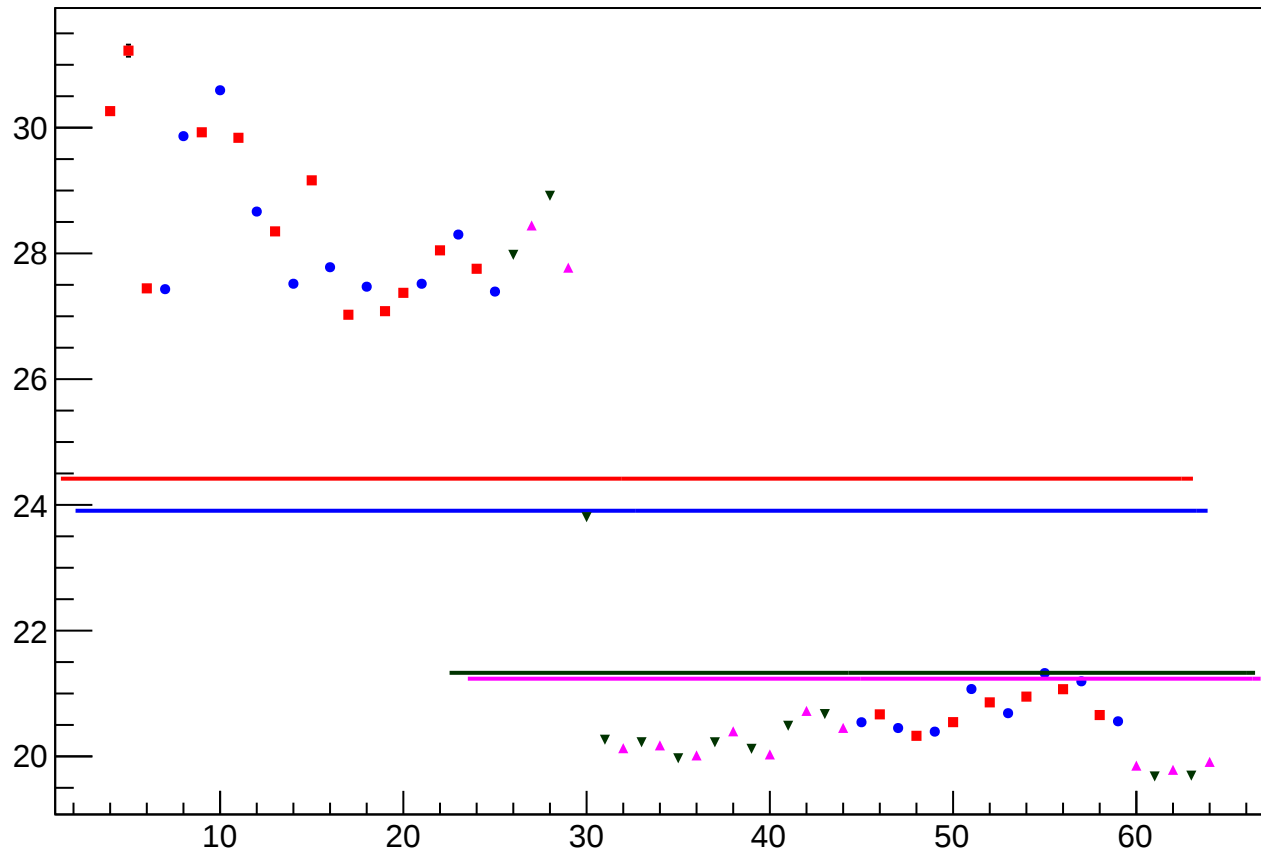
Right Out: 4.784 ± 7.872 $\chi^2/\text{NDF}: 17.9/18$

Left In: 7.365 ± 7.977 $\chi^2/\text{NDF}: 17.3/11$

2.940 ± 5.510 $\chi^2/\text{NDF}: 17.8/29$

6.057 ± 5.603 $\chi^2/\text{NDF}: 35.3/30$

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: 21.329 $\pm$ 0.006 χ^2 /NDF: 203998.2/11

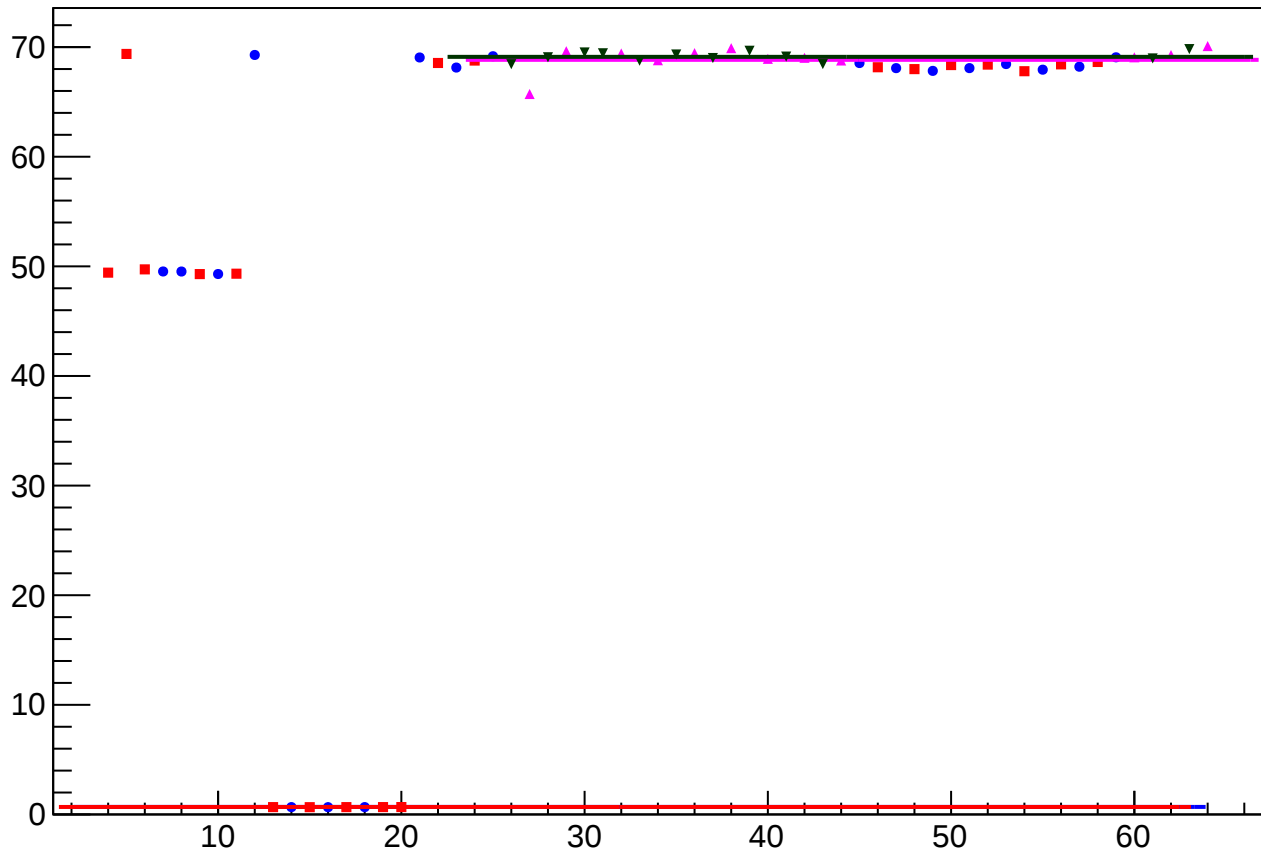
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 21.236 $\pm$ 0.006 χ^2 /NDF: 238577.0/11

22.837 $\pm$ 0.004 χ^2 /NDF: 876203.9/29

22.847 $\pm$ 0.004 χ^2 /NDF: 896215.4/30

yield_bcm_an_ds_mean vs slug



Right In: 0.688 $\pm$ 0.000 χ^2 /NDF: 1036988220984.6/17

Left Out: 69.112 $\pm$ 0.000 χ^2 /NDF: 29081586.4/11

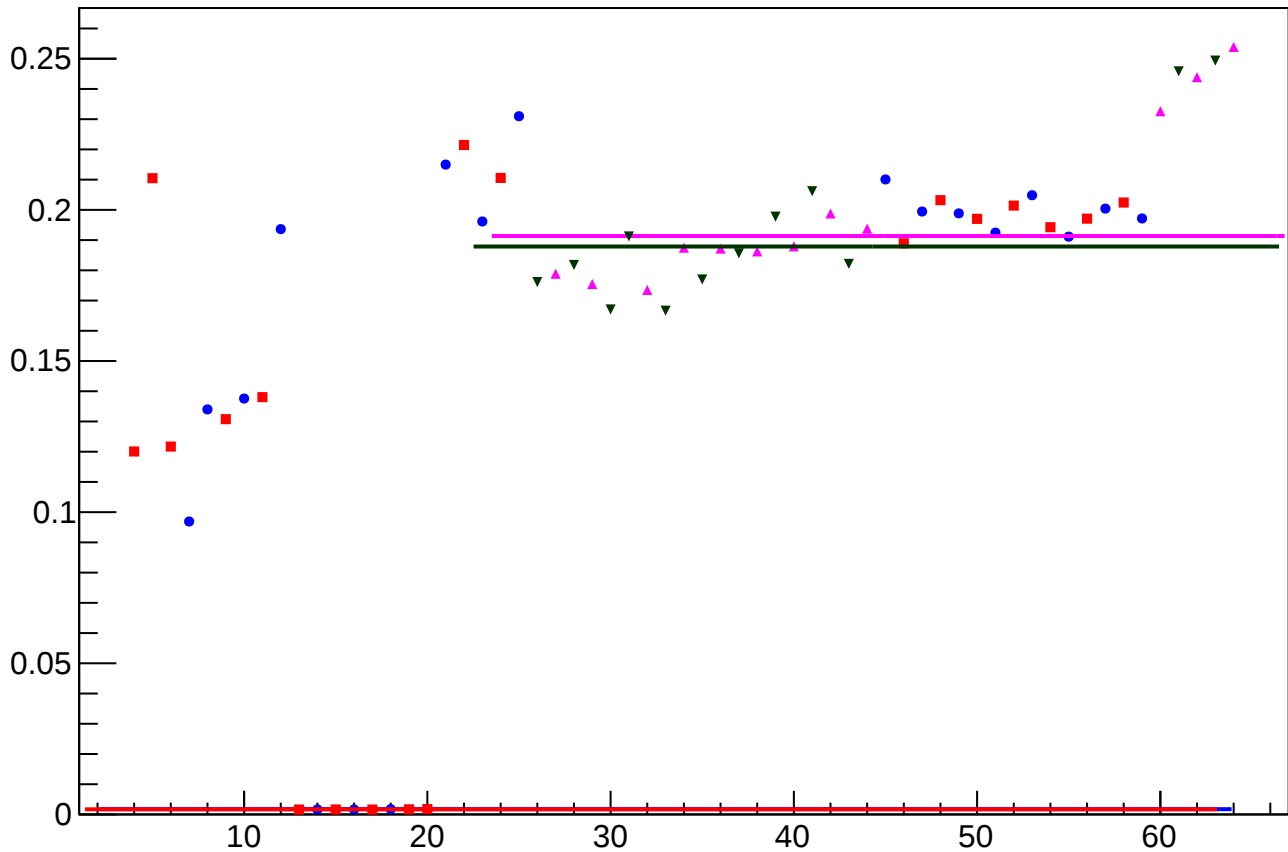
0.702 $\pm$ 0.000 χ^2 /NDF: 1838054958396.2/29

Right Out: 0.684 $\pm$ 0.000 χ^2 /NDF: 845851789818.6/18

0.696 $\pm$ 0.000 χ^2 /NDF: 1719722136267.8/30

Left In: 68.839 $\pm$ 0.000 χ^2 /NDF: 311255456.4/11

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.188 $\pm$ 0.000 χ^2 /NDF:164139.9/11

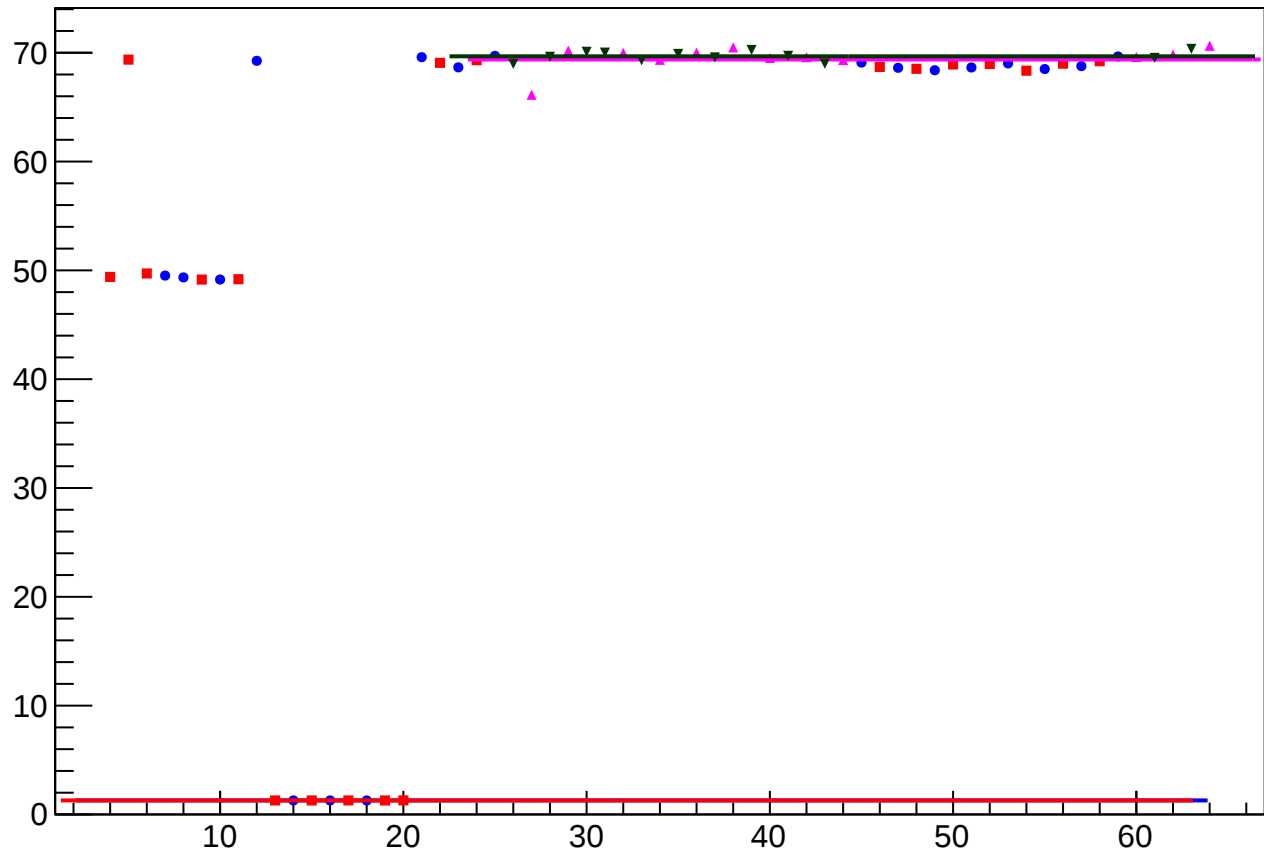
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 13510450.3/18

Left In: 0.191 $\pm$ 0.000 χ^2 /NDF:185633.9/11

0.002 $\pm$ 0.000 χ^2 /NDF: 28916593.6/29

0.002 $\pm$ 0.000 χ^2 /NDF: 27222932.7/30

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.670+/-0.000 χ^2/NDF : 29563886.7/11

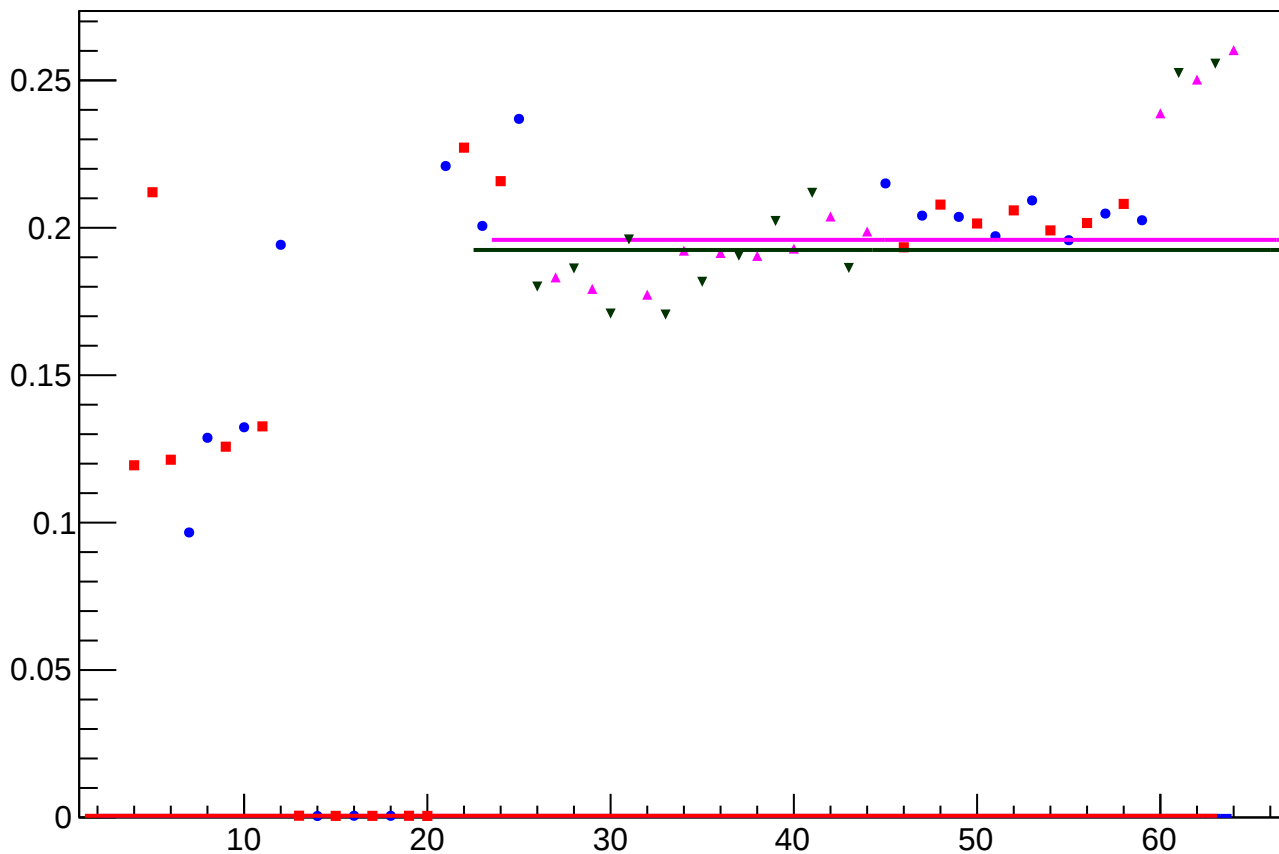
1.292+/-0.000 χ^2/NDF : 1772167743406.7/29

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

1.292+/-0.000 χ^2/NDF : 1658707573957.0/30

Left In: 69.382+/-0.000 χ^2/NDF : 320546827.9/11

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.192+/-0.000 χ^2/NDF :166287.3/11

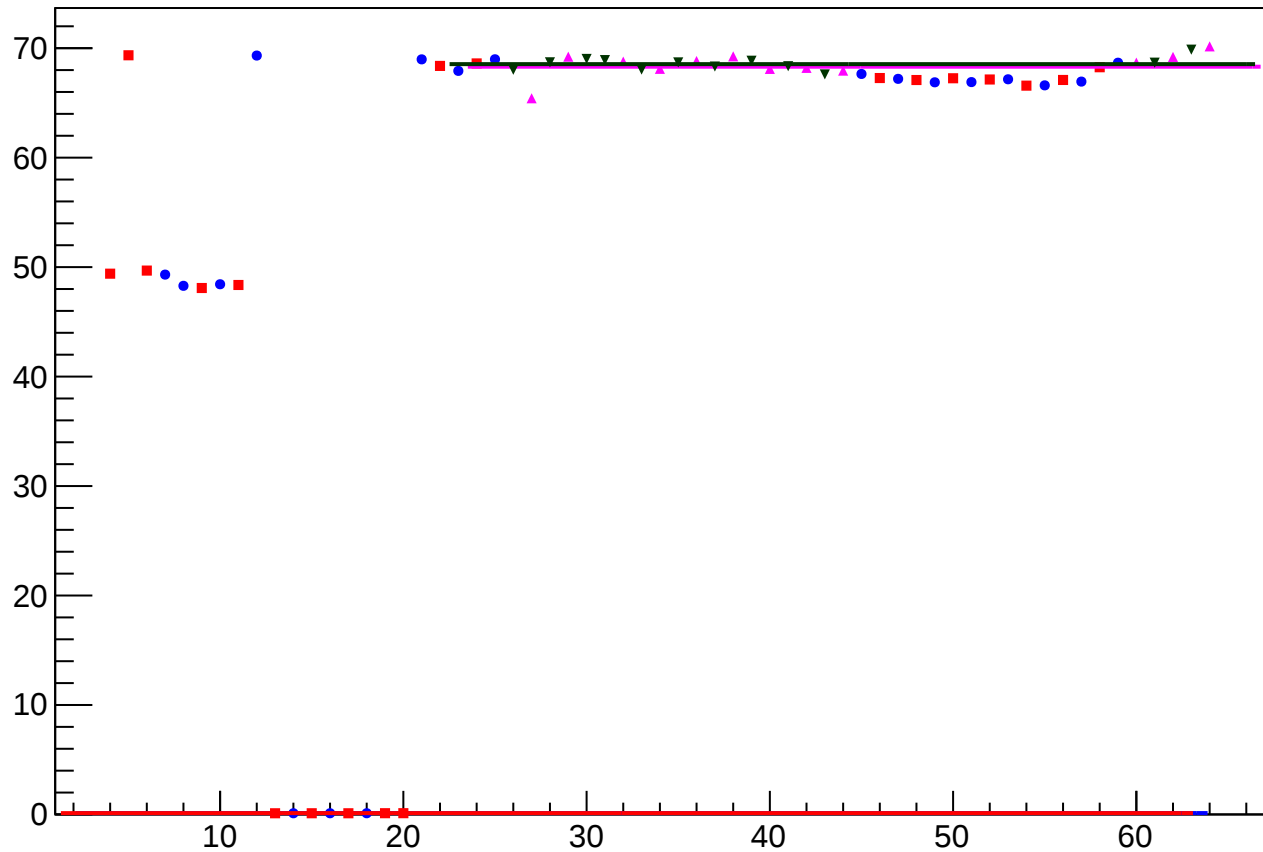
0.001+/-0.000 χ^2/NDF : 29318649.9/29

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

0.001+/-0.000 χ^2/NDF : 27573461.5/30

Left In: 0.196+/-0.000 χ^2/NDF :189134.3/11

yield_bcm_an_us_mean vs slug



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

Left Out: 68.543+/-0.000 χ^2/NDF : 44883717.6/11

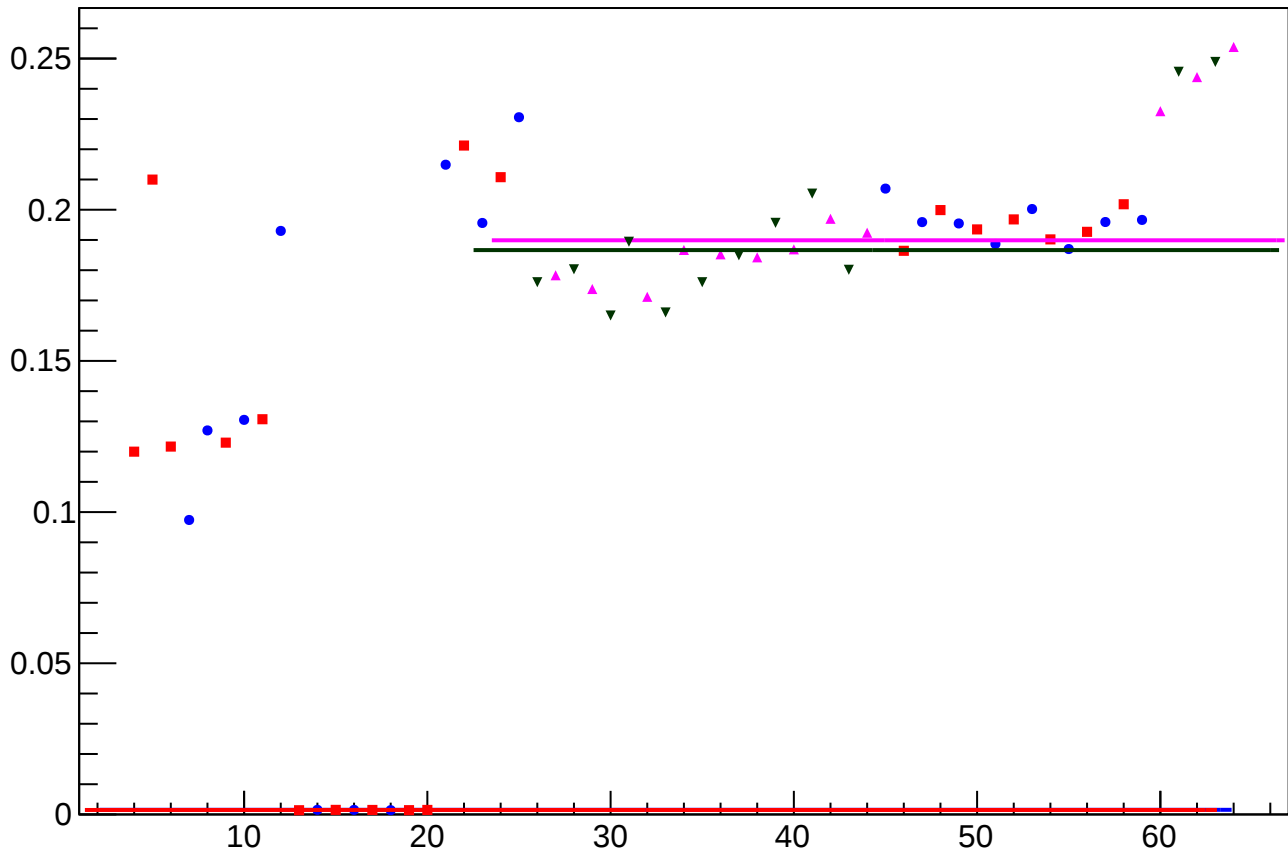
Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

Left In: 68.307+/-0.000 χ^2/NDF : 298742967.9/11

0.138+/-0.000 χ^2/NDF : 1880219220768.6/29

0.132+/-0.000 χ^2/NDF : 1763630414440.7/30

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 16922209.8/17

Left Out: 0.187+/-0.000 χ^2/NDF :167909.3/11

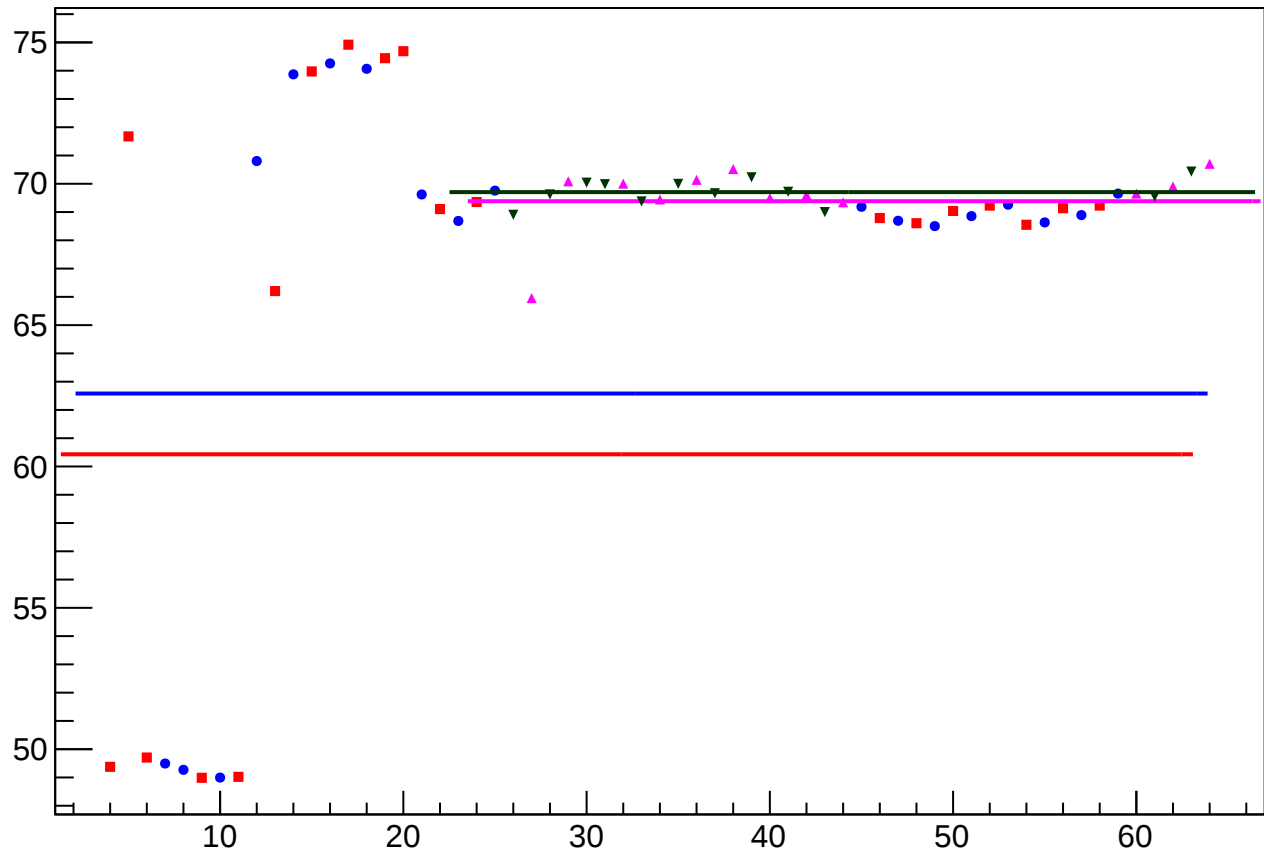
0.002+/-0.000 χ^2/NDF : 28949921.5/29

Right Out: 0.001+/-0.000 χ^2/NDF : 13535654.6/18

0.002+/-0.000 χ^2/NDF : 27274053.0/30

Left In: 0.190+/-0.000 χ^2/NDF :195272.8/11

yield_bcm_dg_us_mean vs slug



Right In: 62.581 $\pm$ 0.000 χ^2/NDF : 33681231971.4/17

64.930 $\pm$ 0.000 χ^2/NDF : 38963279310.3/29

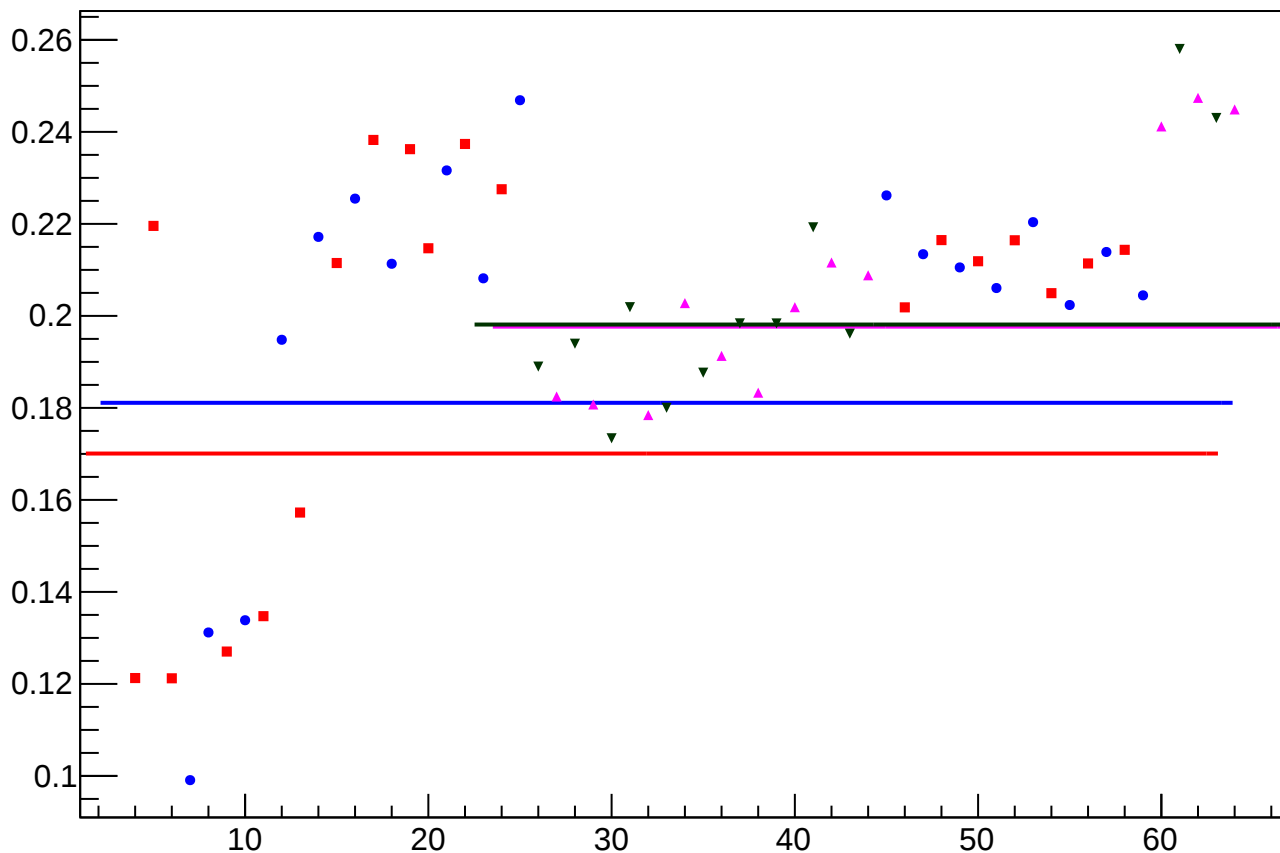
Left Out: 69.705 $\pm$ 0.000 χ^2/NDF : 29107213.9/11

Right Out: 60.432 $\pm$ 0.000 χ^2/NDF : 32977972131.8/18

63.699 $\pm$ 0.000 χ^2/NDF : 42290743448.2/30

Left In: 69.383 $\pm$ 0.000 χ^2/NDF : 354692992.9/11

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.198+/-0.000 χ^2/NDF :128111.6/11

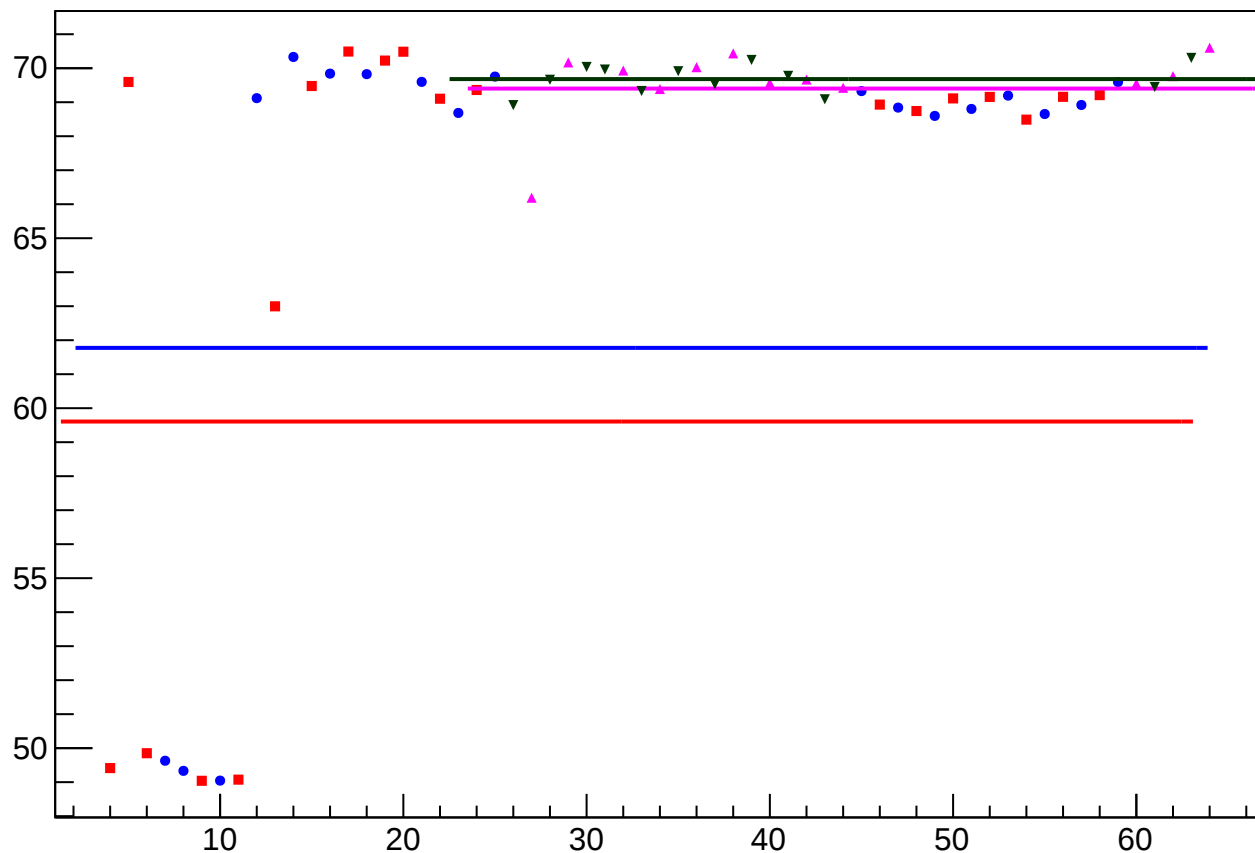
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.198+/-0.000 χ^2/NDF :173823.2/11

0.187+/-0.000 χ^2/NDF : 1404237.4/29

0.180+/-0.000 χ^2/NDF : 1527597.0/30

yield_bcm_dg_ds_mean vs slug



Right In: 61.774+/-0.000 χ^2/NDF : 30968593880.6/17

Left Out: 69.680+/-0.000 χ^2/NDF : 27529617.2/11

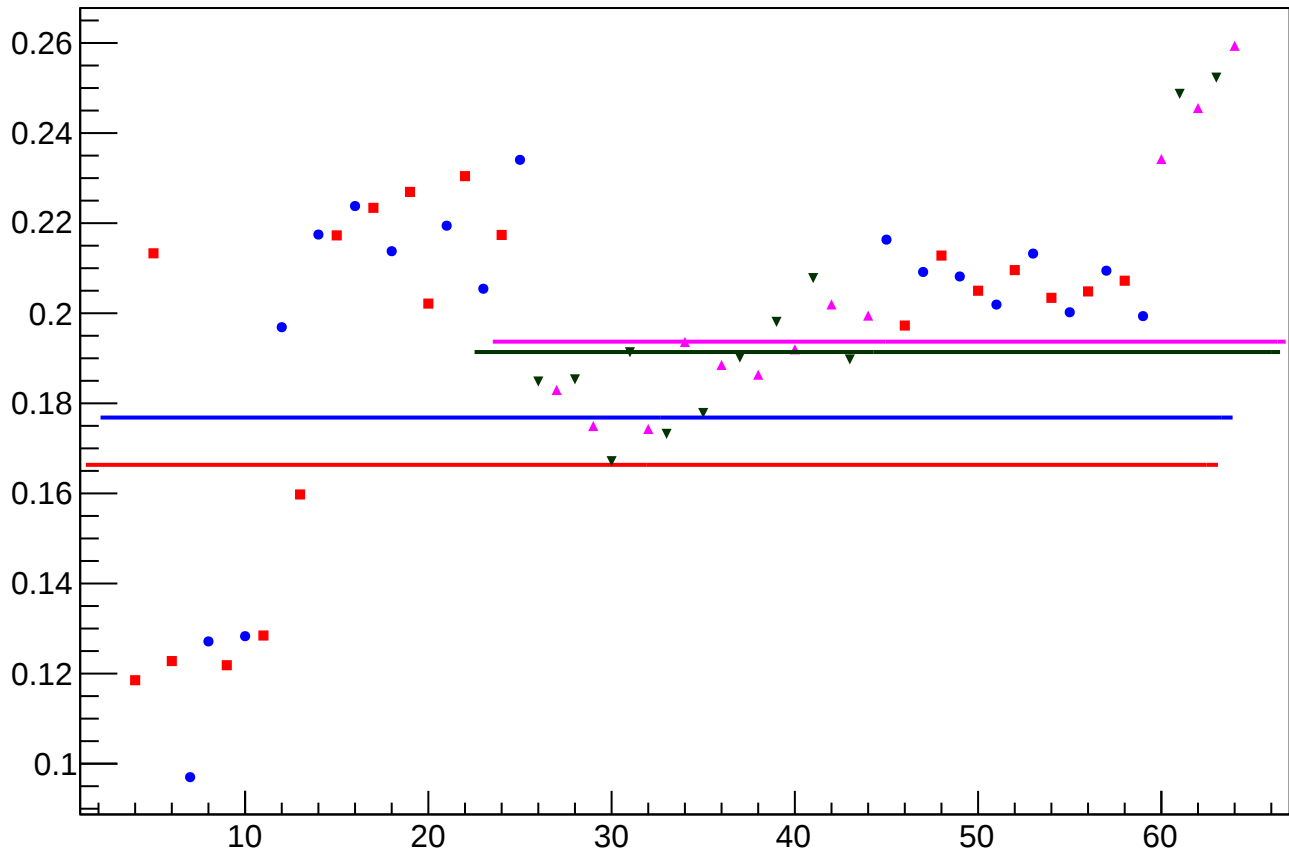
Right Out: 59.608+/-0.000 χ^2/NDF : 29547406430.8/18

Left In: 69.402+/-0.000 χ^2/NDF : 309041270.6/11

64.419+/-0.000 χ^2/NDF : 37867167788.5/29

63.172+/-0.000 χ^2/NDF : 41044798701.9/30

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.191 ± 0.000 χ^2/NDF : 154296.0/11

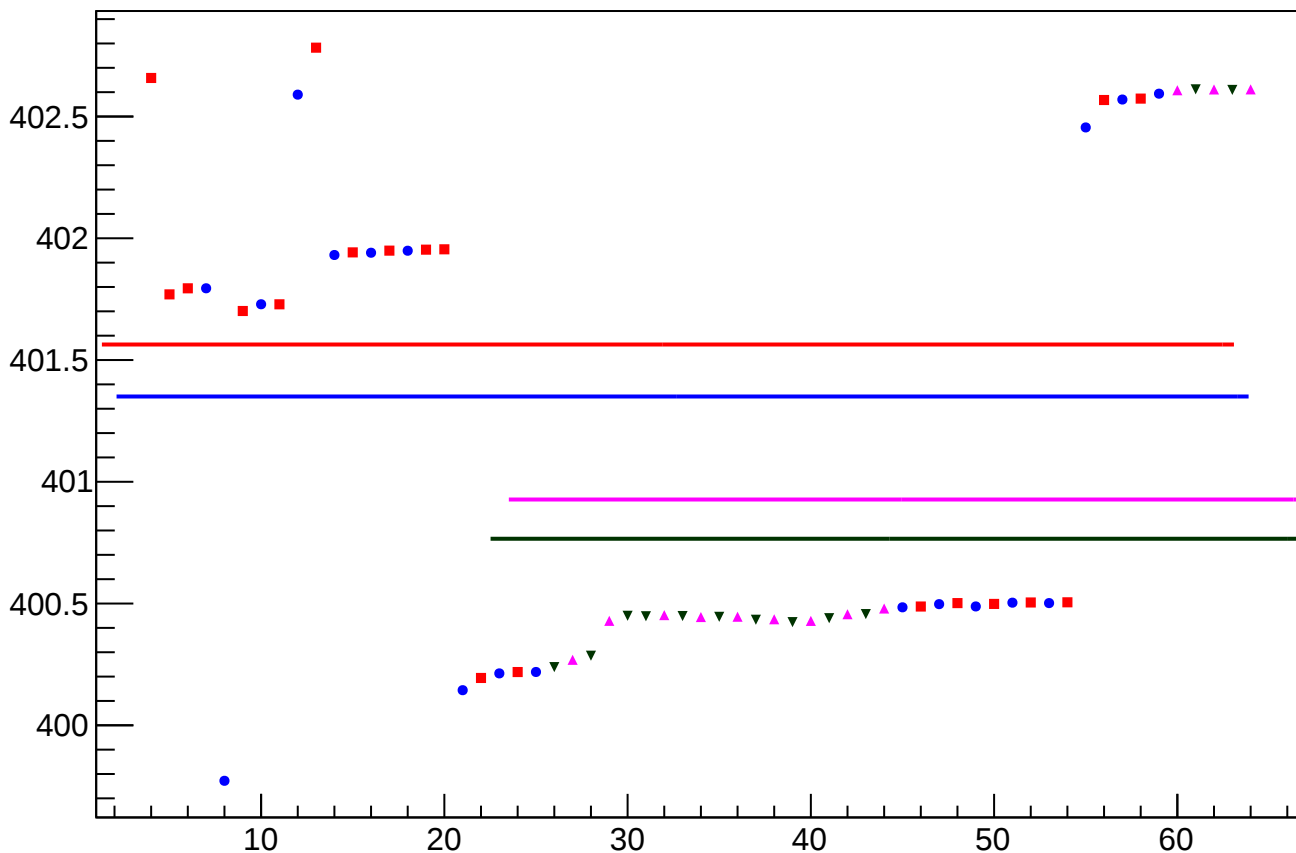
0.182 ± 0.000 χ^2/NDF : 1477486.2/29

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

0.176 ± 0.000 χ^2/NDF : 1524186.9/30

Left In: 0.194 ± 0.000 χ^2/NDF : 193253.2/11

yield_cav4bQ_mean vs slug



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

Left Out: 400.766+/-0.000 χ^2/NDF : 92993754248.6/11

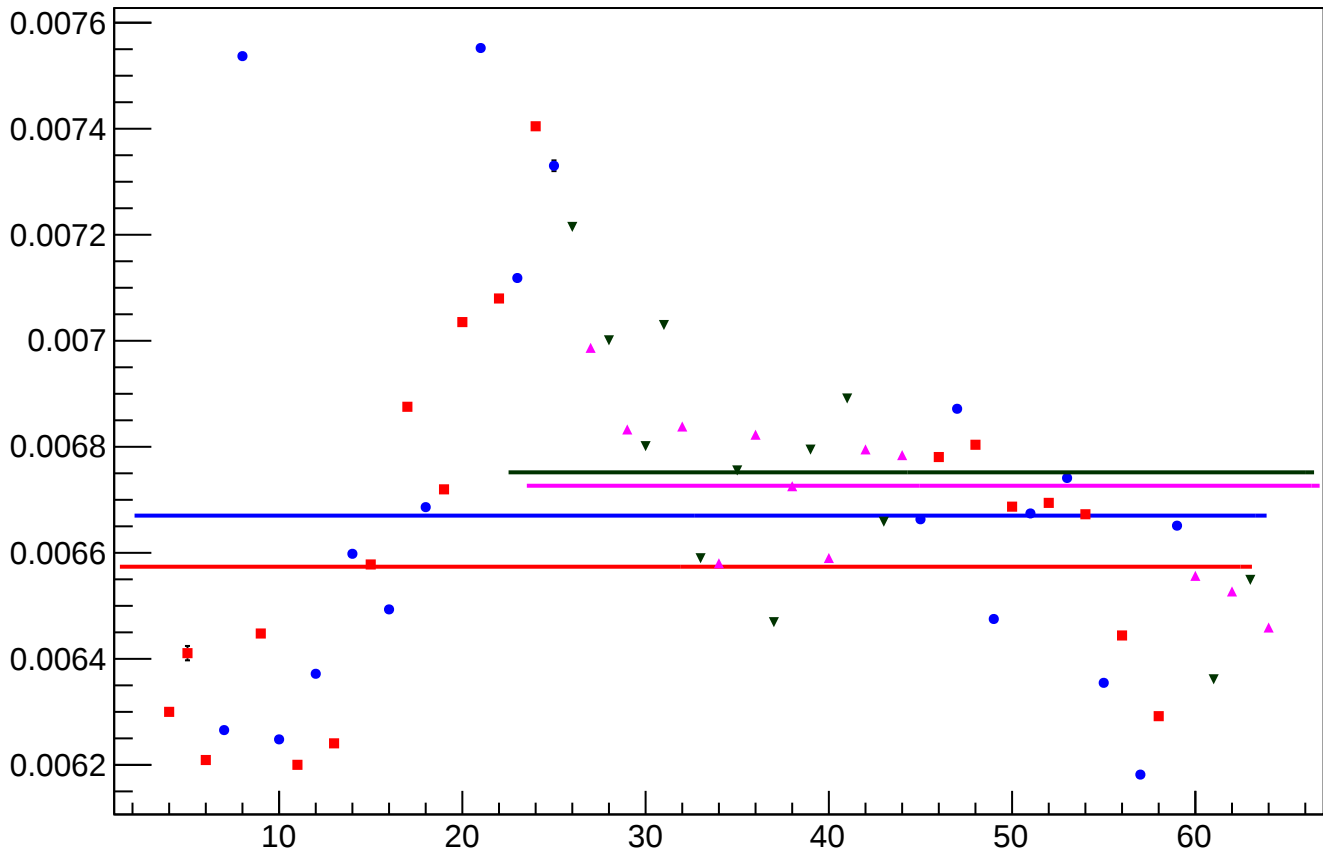
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 400.927+/-0.000 χ^2/NDF : 136270861050.1/11

401.143+/-0.000 χ^2/NDF : 358618066728.5/29

401.304+/-0.000 χ^2/NDF : 358410271636.5/30

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 :14739.0/11

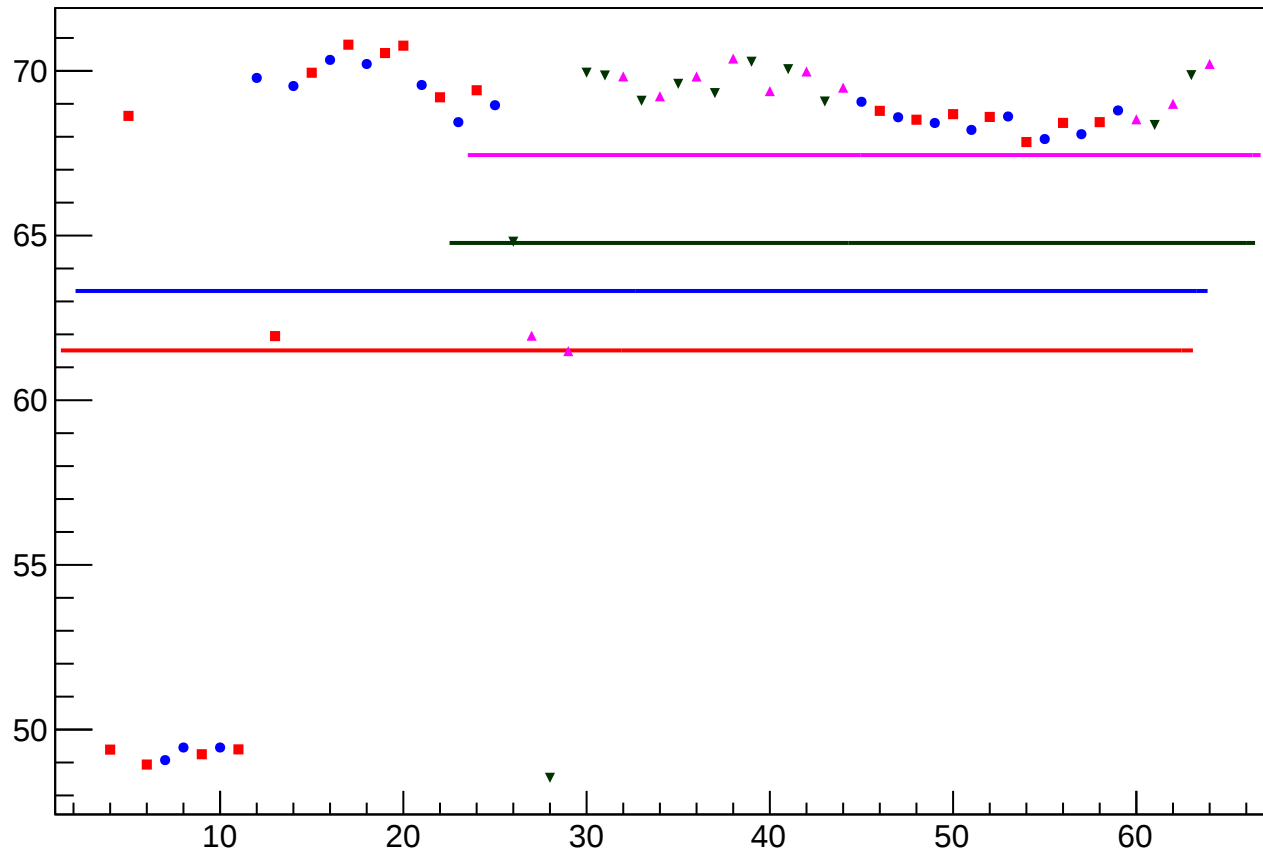
0.007+/-0.000 χ^2/NDF : 92613.9/29

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

0.007+/-0.000 χ^2/NDF : 60105.3/30

Left In: 0.007+/-0.000 χ^2/NDF :8027.7/11

yield_cav4cQ_mean vs slug



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

Left Out: 64.776+/-0.000 χ^2/NDF : 8879112259.8/11

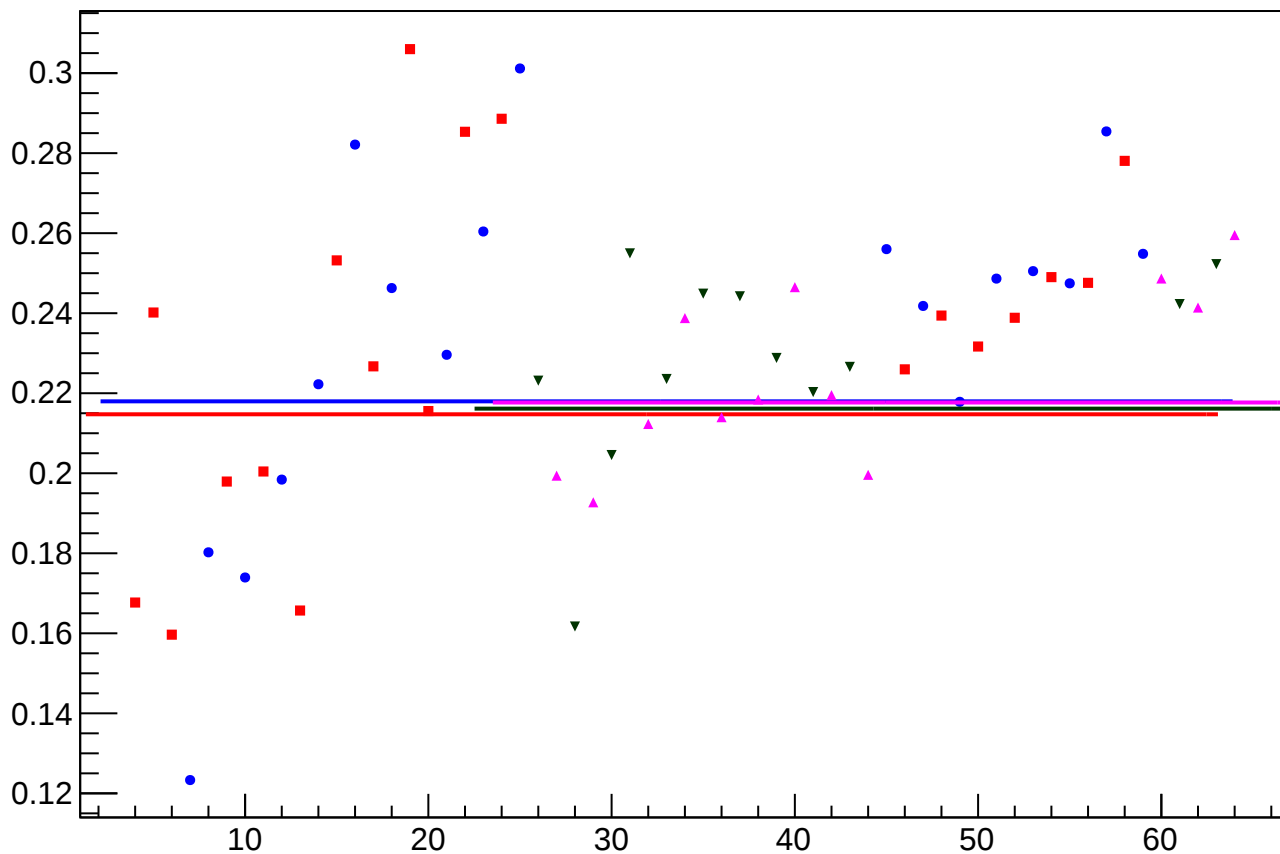
Right Out: 61.513+/-0.000 χ^2/NDF : 15349624825.1/18

Left In: 67.444+/-0.000 χ^2/NDF : 1760194288.4/11

63.851+/-0.000 χ^2/NDF : 26090935219.8/29

64.044+/-0.000 χ^2/NDF : 19906176603.8/30

yield_cav4cQ_rms vs slug



Right In: 0.218 $\pm$ 0.000 χ^2 /NDF: 734629.1/17

Left Out: 0.216 $\pm$ 0.000 χ^2 /NDF:236816.5/11

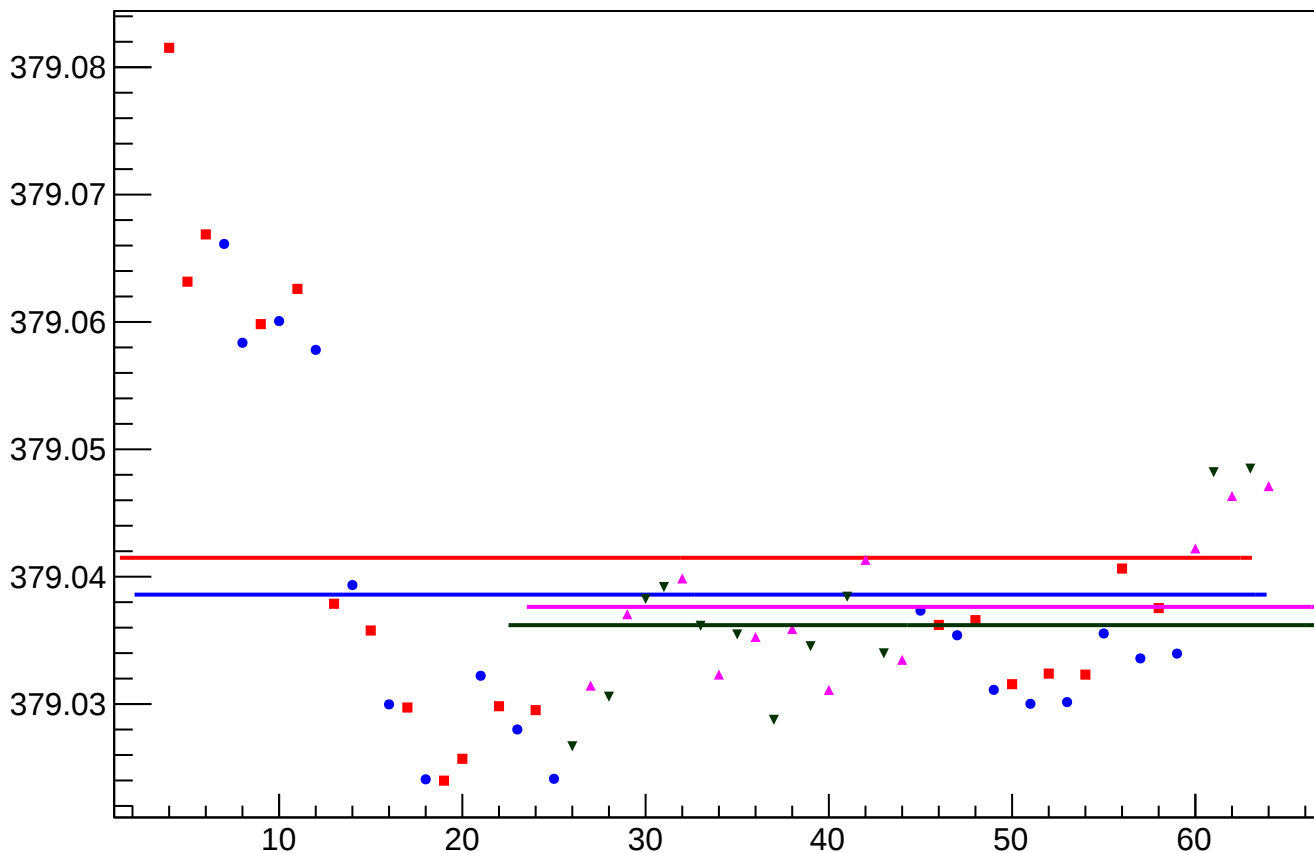
Right Out: 0.215 $\pm$ 0.000 χ^2 /NDF: 631176.3/18

Left In: 0.218 $\pm$ 0.000 χ^2 /NDF:118716.9/11

0.217 $\pm$ 0.000 χ^2 /NDF: 971960.2/29

0.216 $\pm$ 0.000 χ^2 /NDF: 751271.8/30

yield_cav4dQ_mean vs slug



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

Left Out: 379.036 $\pm$ 0.000 χ^2 /NDF:5306954.0/11

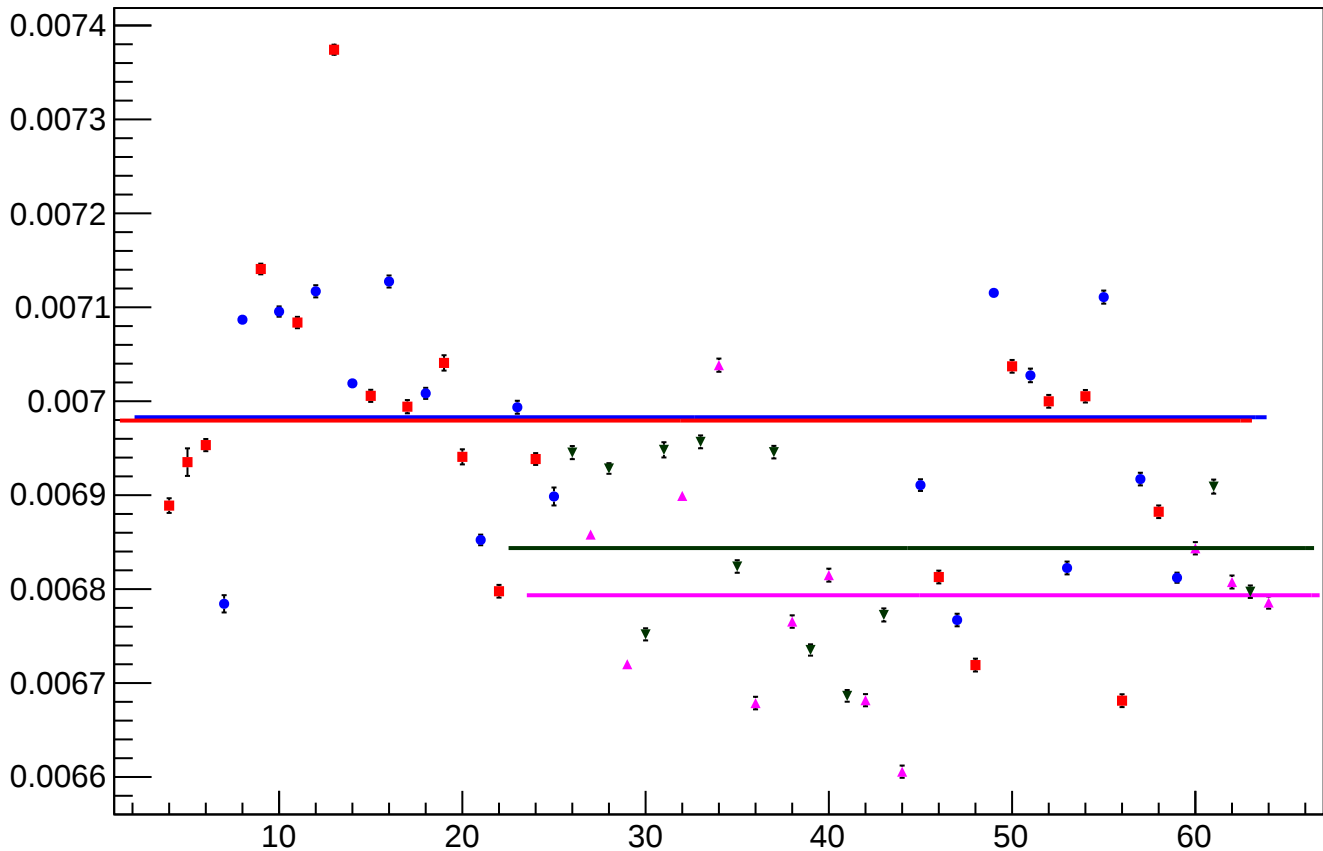
Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

Left In: 379.038 $\pm$ 0.000 χ^2 /NDF:4074980.2/11

379.038 $\pm$ 0.000 χ^2 /NDF: 39574016.8/29

379.040 $\pm$ 0.000 χ^2 /NDF: 51674806.4/30

yield_cav4dQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 6696.3/17

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:2504.6/11

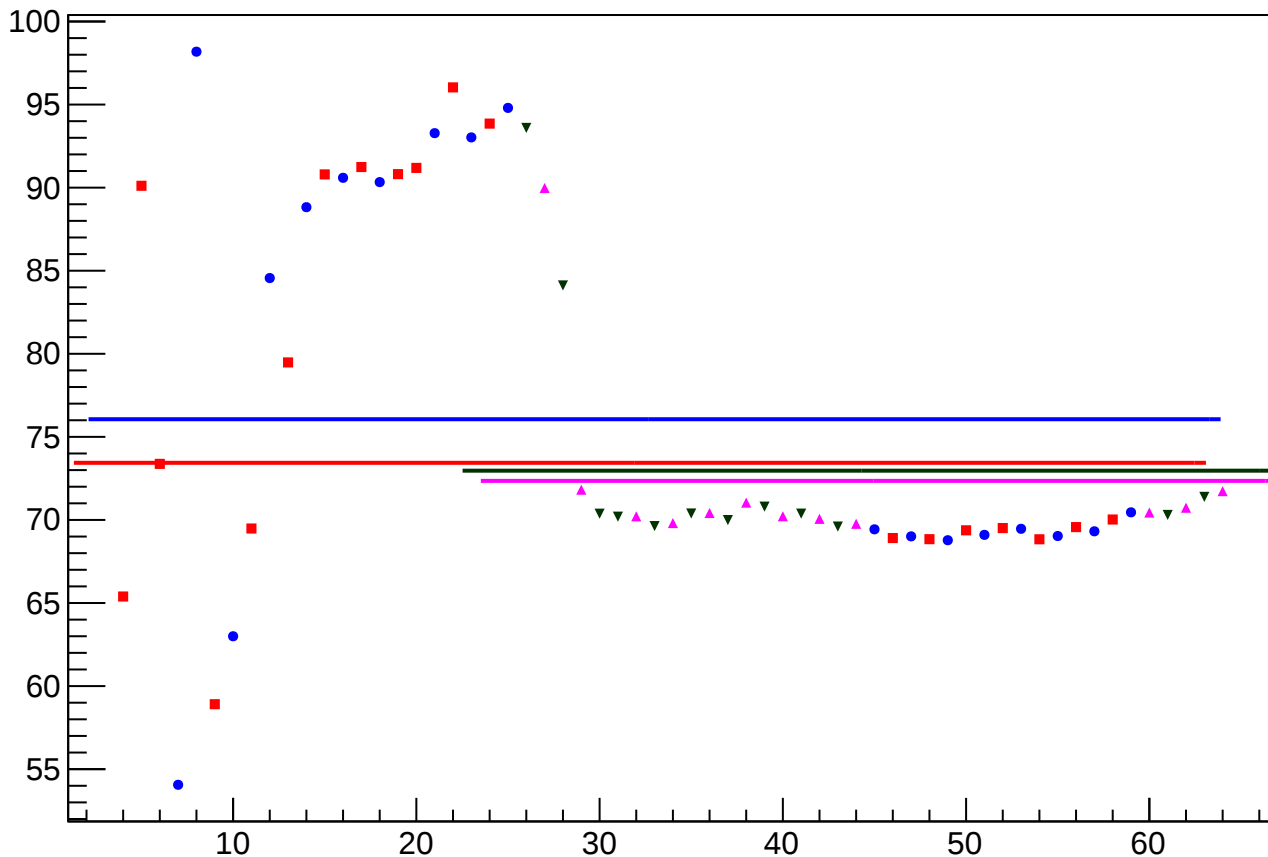
0.007 $\pm$ 0.000 χ^2 /NDF: 12515.0/29

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 11747.2/18

0.007 $\pm$ 0.000 χ^2 /NDF: 21387.5/30

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3499.3/11

yield_bcm0l02_mean vs slug



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

Left Out: 72.965 $\pm$ 0.000 χ^2 /NDF: 3779239238.9/11

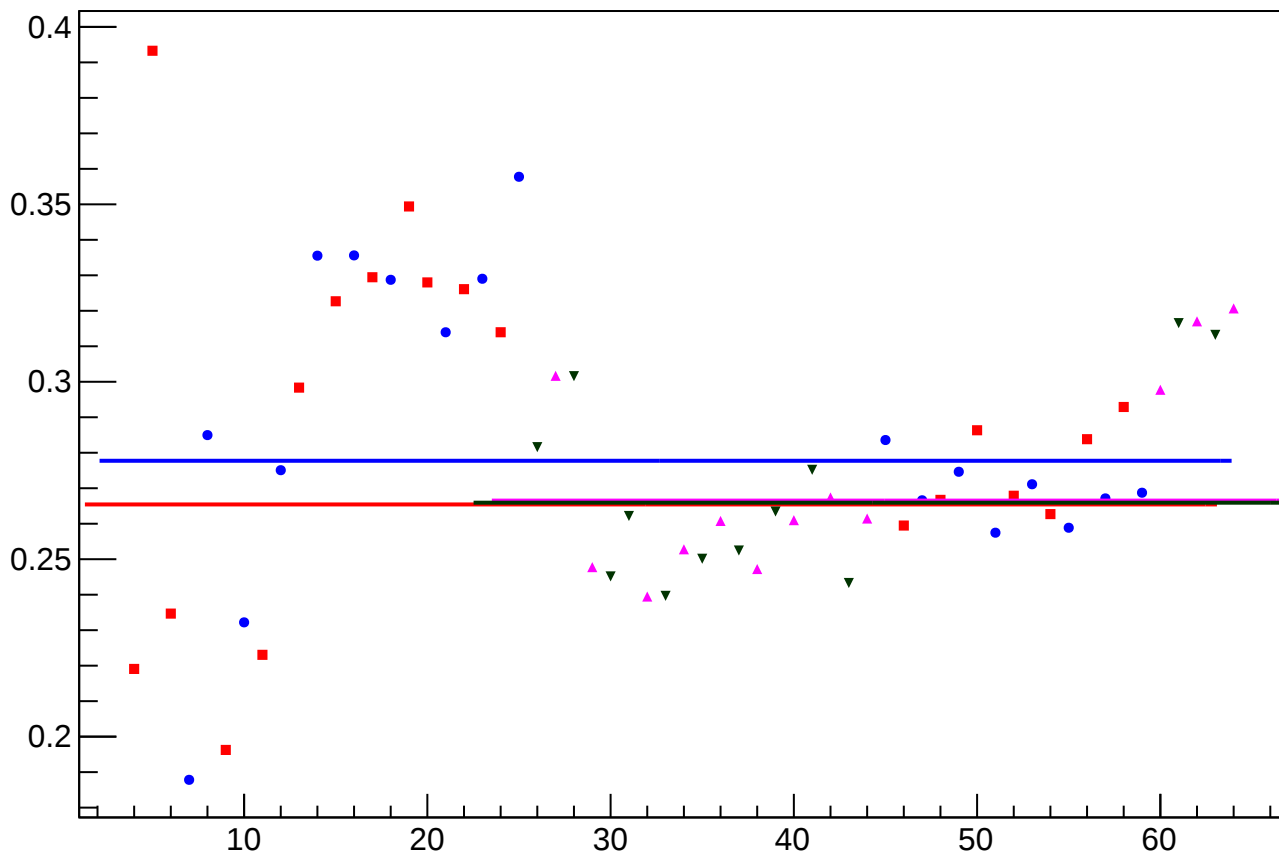
Right Out: 73.439 $\pm$ 0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.351 $\pm$ 0.000 χ^2 /NDF: 2970434891.5/11

74.874 $\pm$ 0.000 χ^2 /NDF: 25054150896.6/29

72.970 $\pm$ 0.000 χ^2 /NDF: 17775548005.3/30

yield_bcm0l02_rms vs slug



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

Left Out: 0.266+/-0.000 χ^2/NDF : 97948.1/11

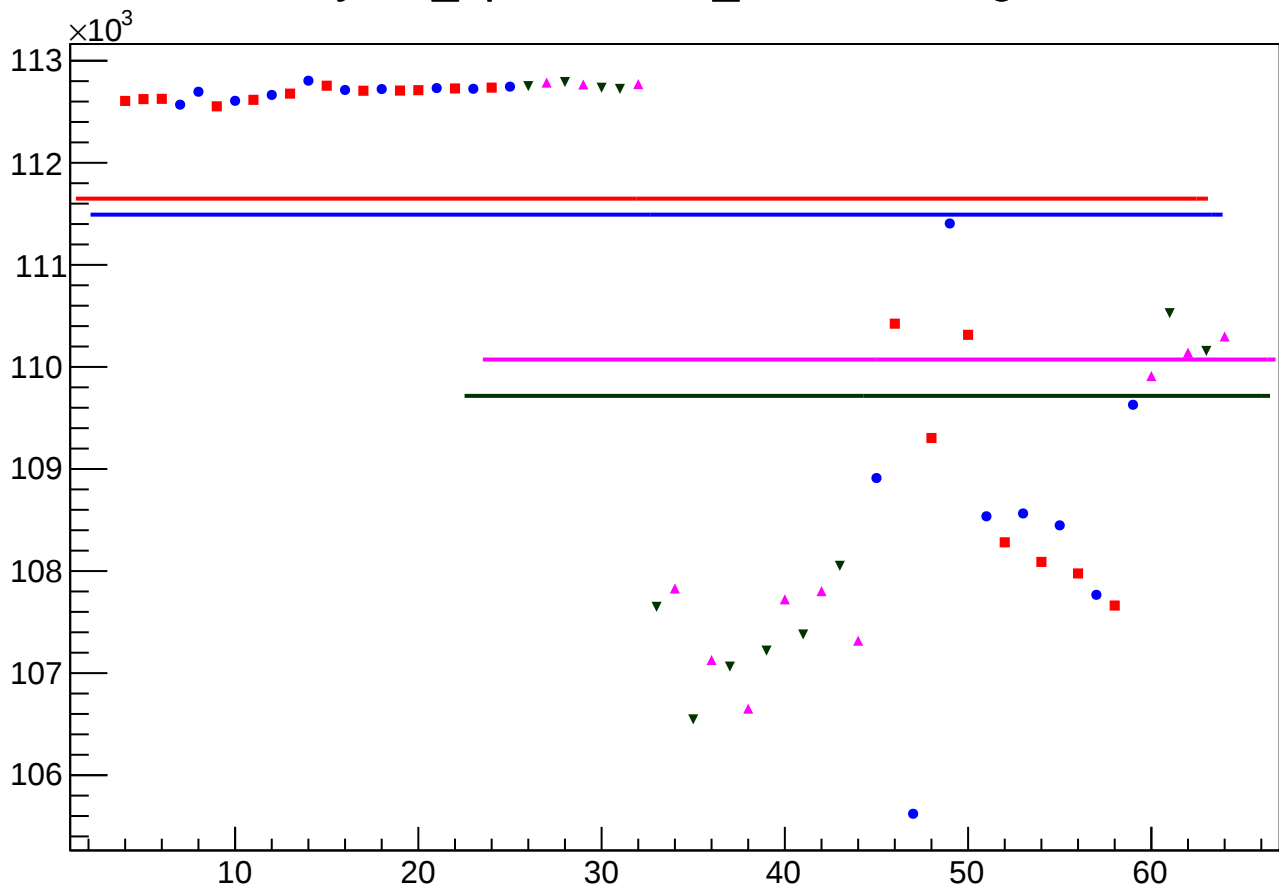
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.267+/-0.000 χ^2/NDF : 126271.9/11

0.273+/-0.000 χ^2/NDF : 482378.4/29

0.266+/-0.000 χ^2/NDF : 629980.2/30

yield_bpm2i01WS_mean vs slug



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

Left Out: 109716.504 $\pm$ 0.050 χ^2 /NDF: 2700088053.1/11

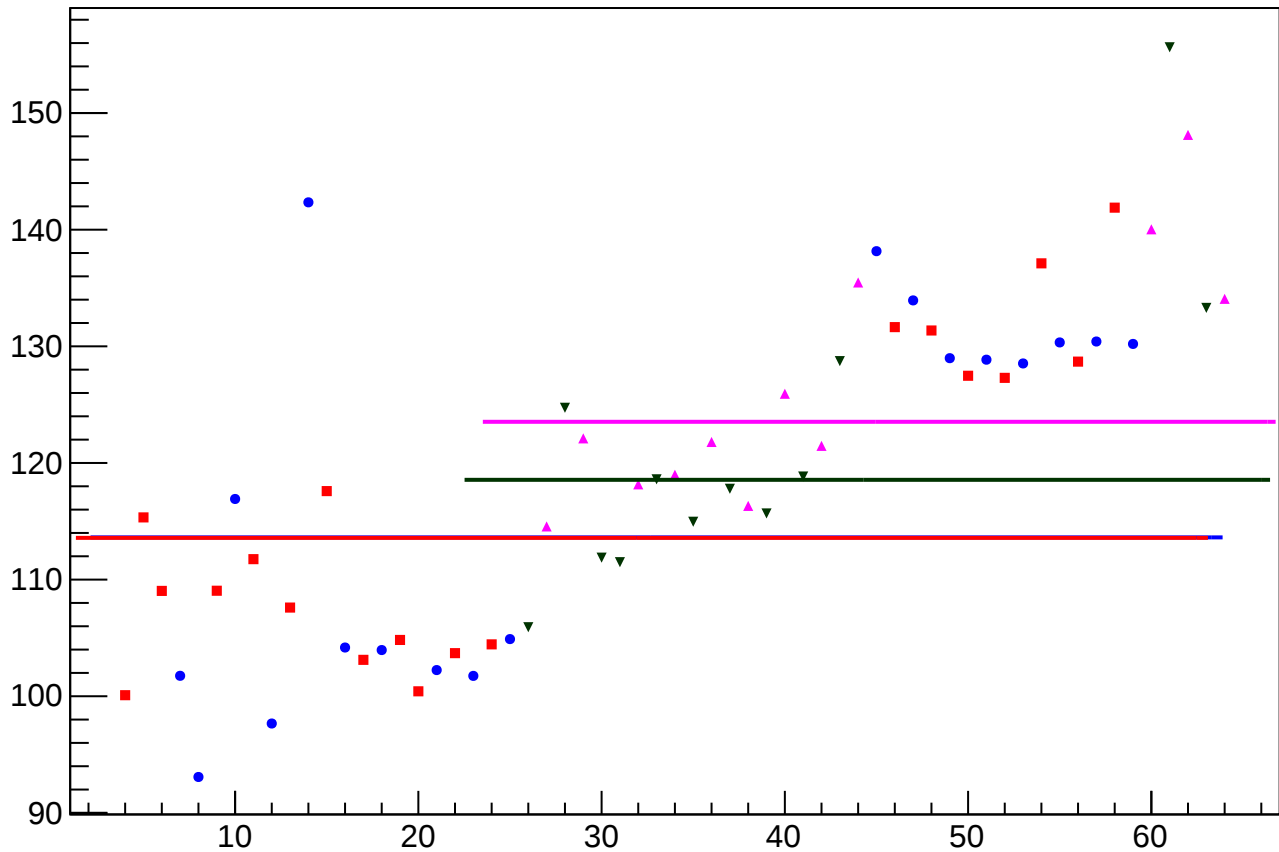
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110072.653 $\pm$ 0.049 χ^2 /NDF: 2591998580.6/11

110912.822 $\pm$ 0.029 χ^2 /NDF: 6714346376.5/29

111067.384 $\pm$ 0.030 χ^2 /NDF: 5551776128.0/30

yield_bpm2i01WS_rms vs slug



Right In: 113.620 ± 0.025 χ^2/NDF : 422351.8/17

Left Out: 118.555 ± 0.036 χ^2/NDF : 70041.4/11

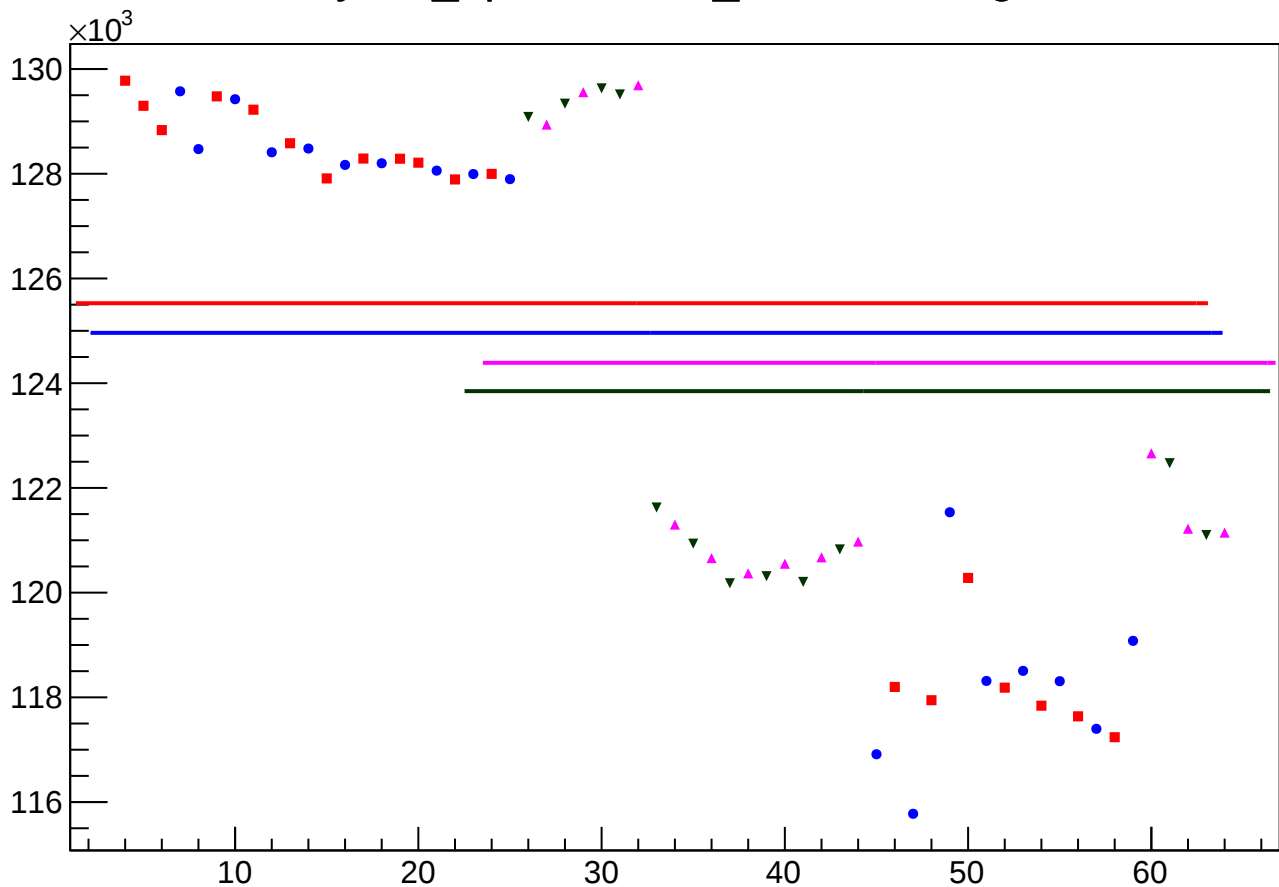
Right Out: 113.579 ± 0.026 χ^2/NDF : 206805.2/18

Left In: 123.530 ± 0.034 χ^2/NDF : 64148.8/11

115.230 ± 0.020 χ^2/NDF : 505409.8/29

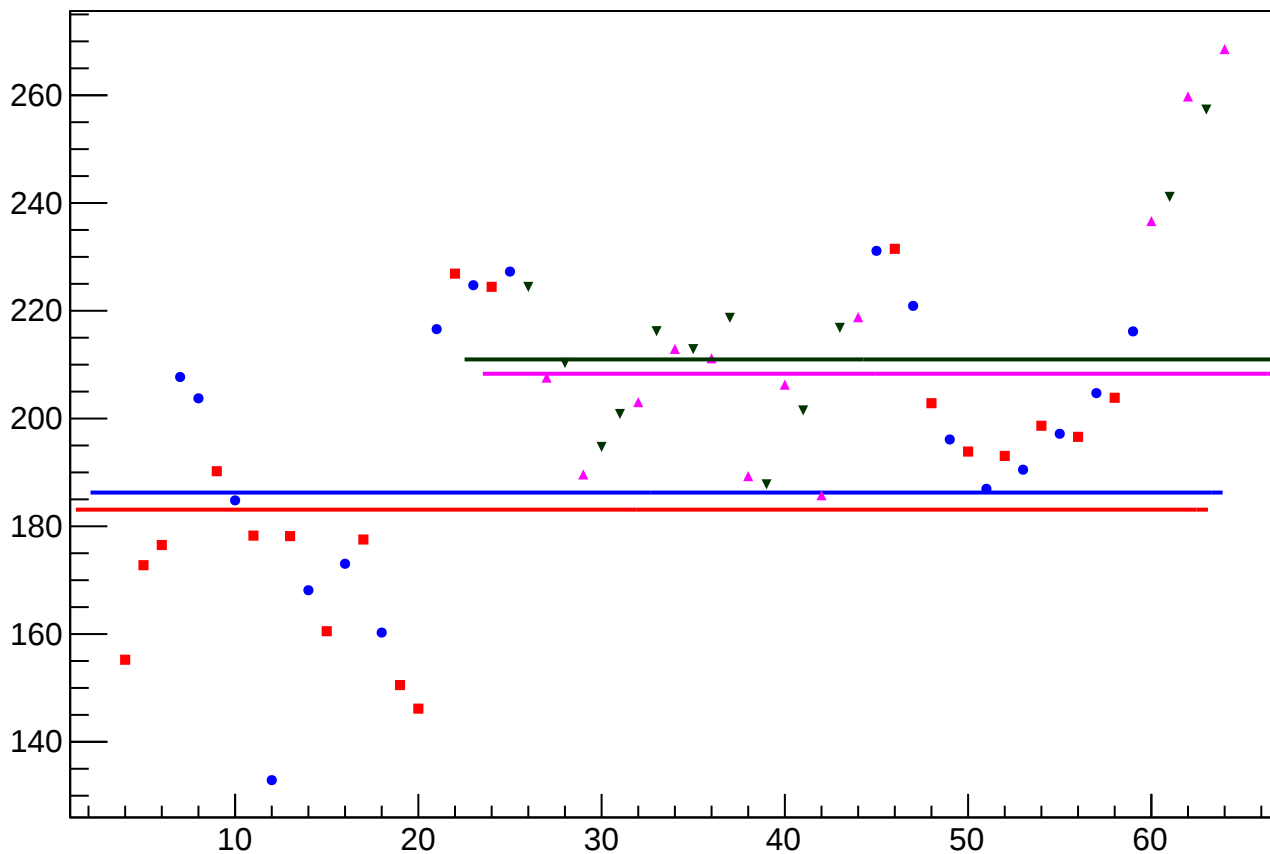
117.251 ± 0.021 χ^2/NDF : 323645.5/30

yield_bpm0i07WS_mean vs slug



Right In: 124961.680 $\pm$ 0.057	χ^2 /NDF: 7216201458.1/17		
Left Out: 123848.176 $\pm$ 0.086	χ^2 /NDF: 2368756300.5/11	124621.556 $\pm$ 0.047	χ^2 /NDF: 9702403974.3/29
Right Out: 125527.018 $\pm$ 0.060	χ^2 /NDF: 6545248421.9/18		
Left In: 124388.980 $\pm$ 0.079	χ^2 /NDF: 2795922938.3/11	125114.127 $\pm$ 0.048	χ^2 /NDF: 9473697808.6/30

yield_bpm0i07WS_rms vs slug



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

Left Out: 210.970+/-0.061 χ^2/NDF :80425.7/11

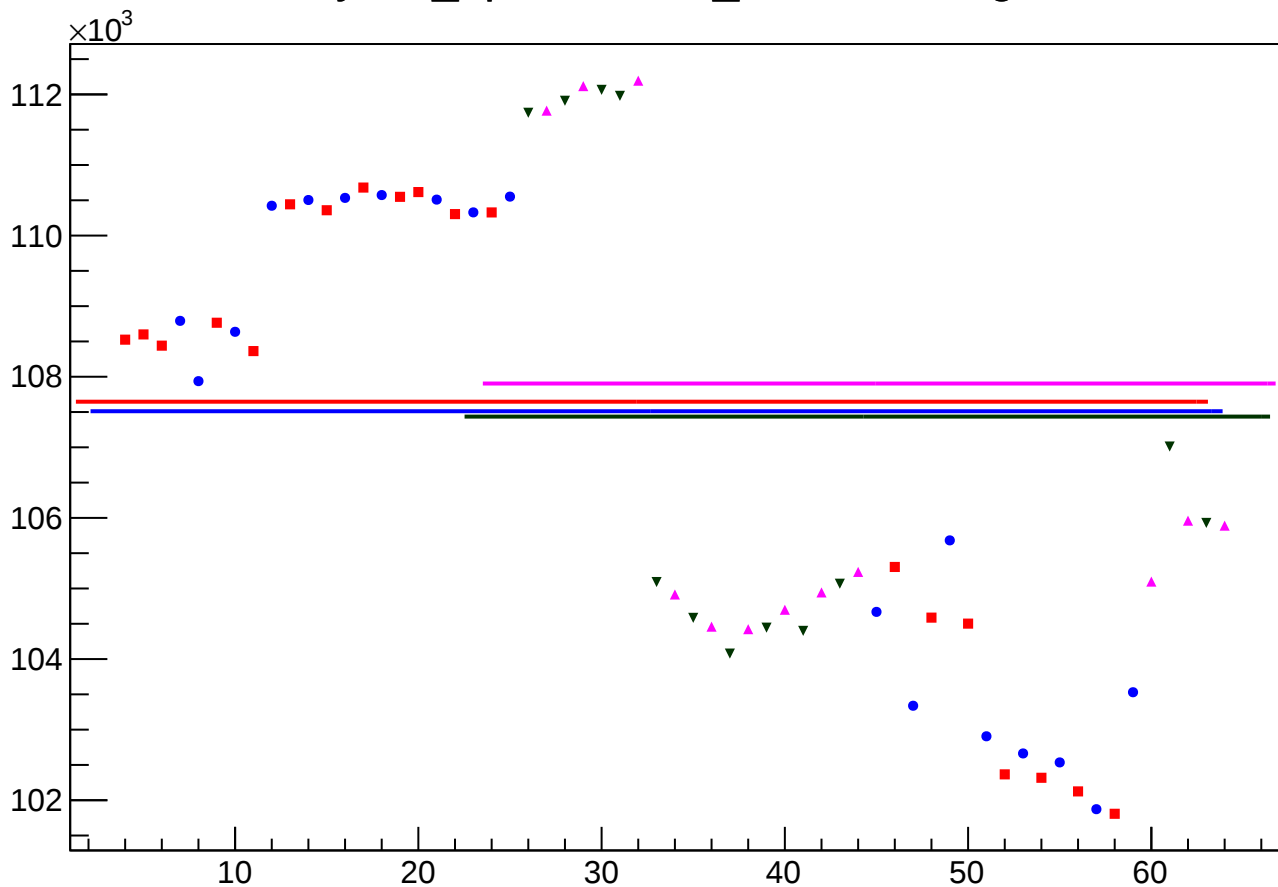
Right Out: 183.088+/-0.042 χ^2/NDF : 276420.3/18

Left In: 208.309+/-0.056 χ^2/NDF :145168.0/11

193.810+/-0.033 χ^2/NDF : 658463.8/29

192.239+/-0.034 χ^2/NDF : 551769.1/30

yield_bpm0l01WS_mean vs slug



Right In: 107511.375 $\pm$ 0.037 χ^2 /NDF: 7545366390.6/17

Left Out: 107435.328 $\pm$ 0.048 χ^2 /NDF: 5372269151.2/11

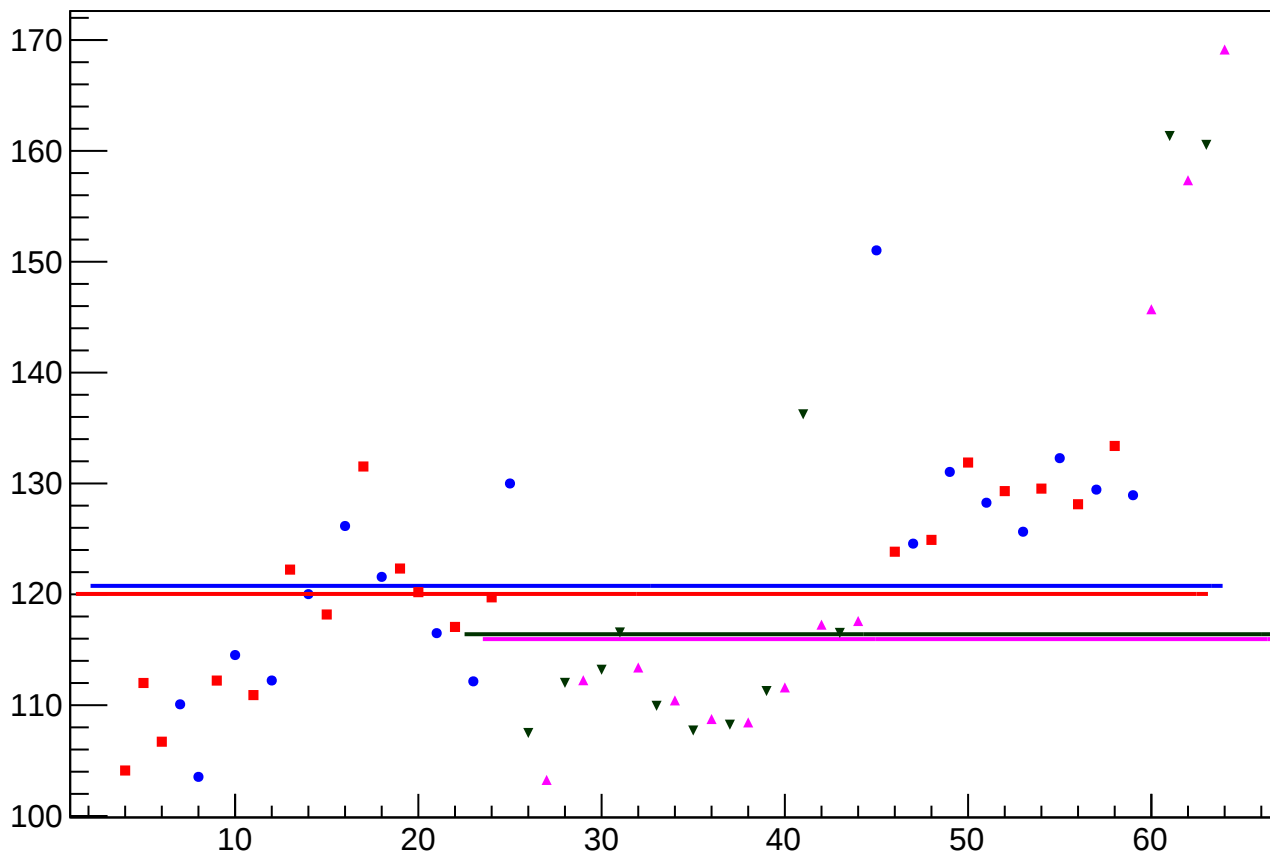
Right Out: 107646.372 $\pm$ 0.039 χ^2 /NDF: 6547636060.9/18

Left In: 107903.885 $\pm$ 0.044 χ^2 /NDF: 6349619643.3/11

107483.118 $\pm$ 0.029 χ^2 /NDF: 12919240626.4/2

107758.942 $\pm$ 0.029 χ^2 /NDF: 12916389805.5/3

yield_bpm0l01WS_rms vs slug



Right In: 120.763 ± 0.026 χ^2/NDF : 155732.1/17

Left Out: 116.402 ± 0.034 χ^2/NDF : 177303.8/11

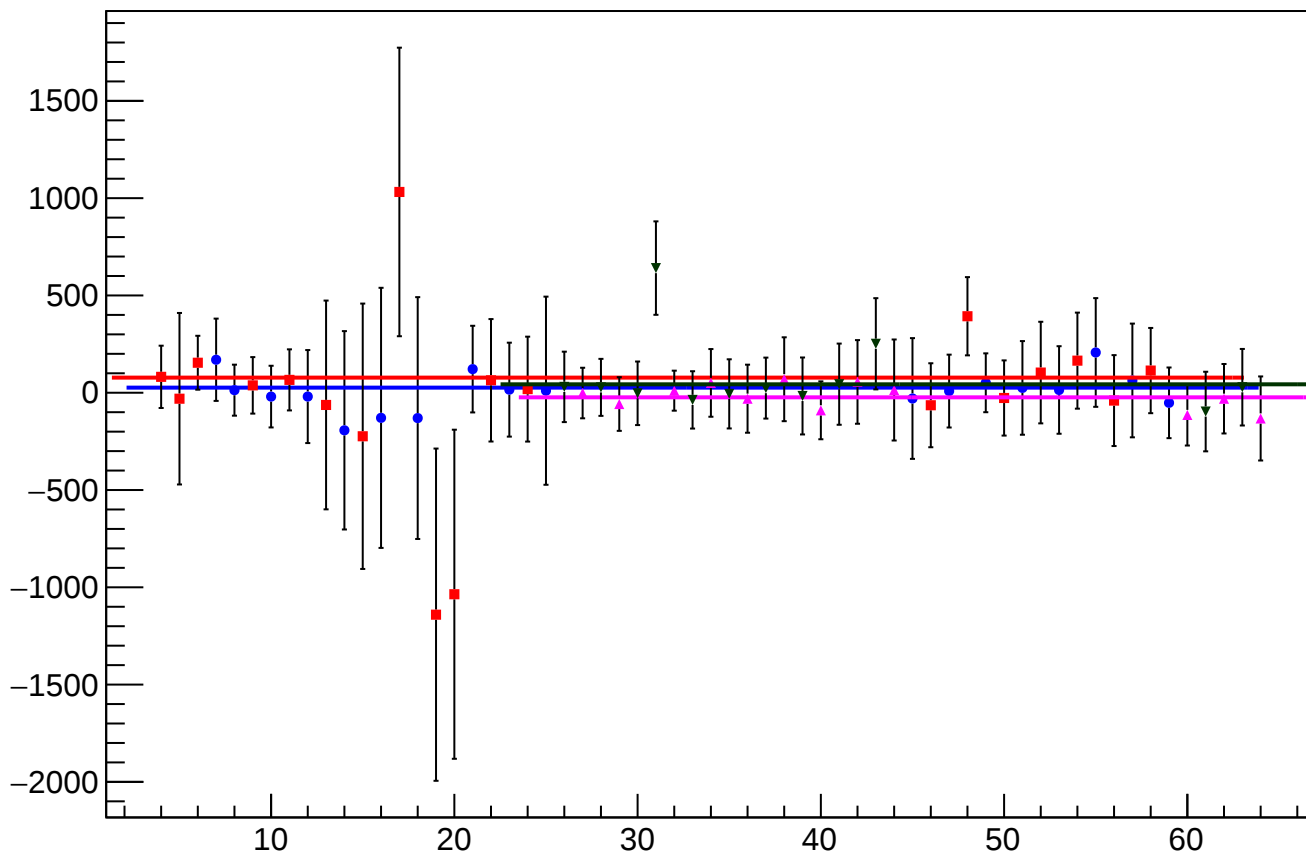
Right Out: 120.035 ± 0.028 χ^2/NDF : 93920.3/18

Left In: 115.960 ± 0.031 χ^2/NDF : 241908.9/11

119.143 ± 0.021 χ^2/NDF : 343596.1/29

118.254 ± 0.021 χ^2/NDF : 345409.3/30

asym_bcm_an_ds_mean vs slug



Right In: 26.246+/-52.510 χ^2/NDF : 1.8/17

Left Out: 43.289+/-52.207 χ^2/NDF : 8.0/11

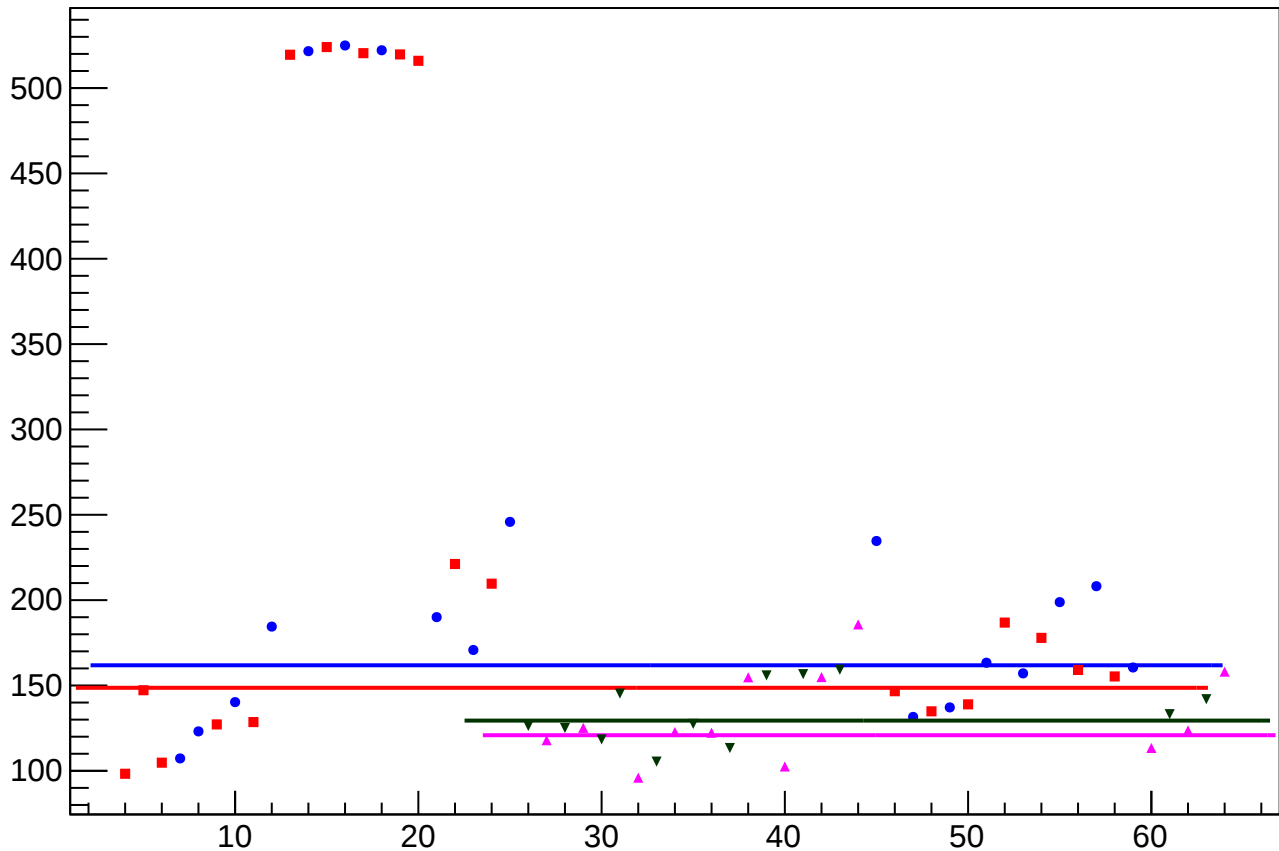
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -23.627+/-46.192 χ^2/NDF : 1.5/11

34.817+/-37.023 χ^2/NDF : 9.9/29

20.506+/-34.704 χ^2/NDF : 13.4/30

asym_bcm_an_ds_rms vs slug



Right In: 161.835+/-0.037 χ^2/NDF : 3018868.1/17

Left Out: 129.430+/-0.037 χ^2/NDF :205653.7/11

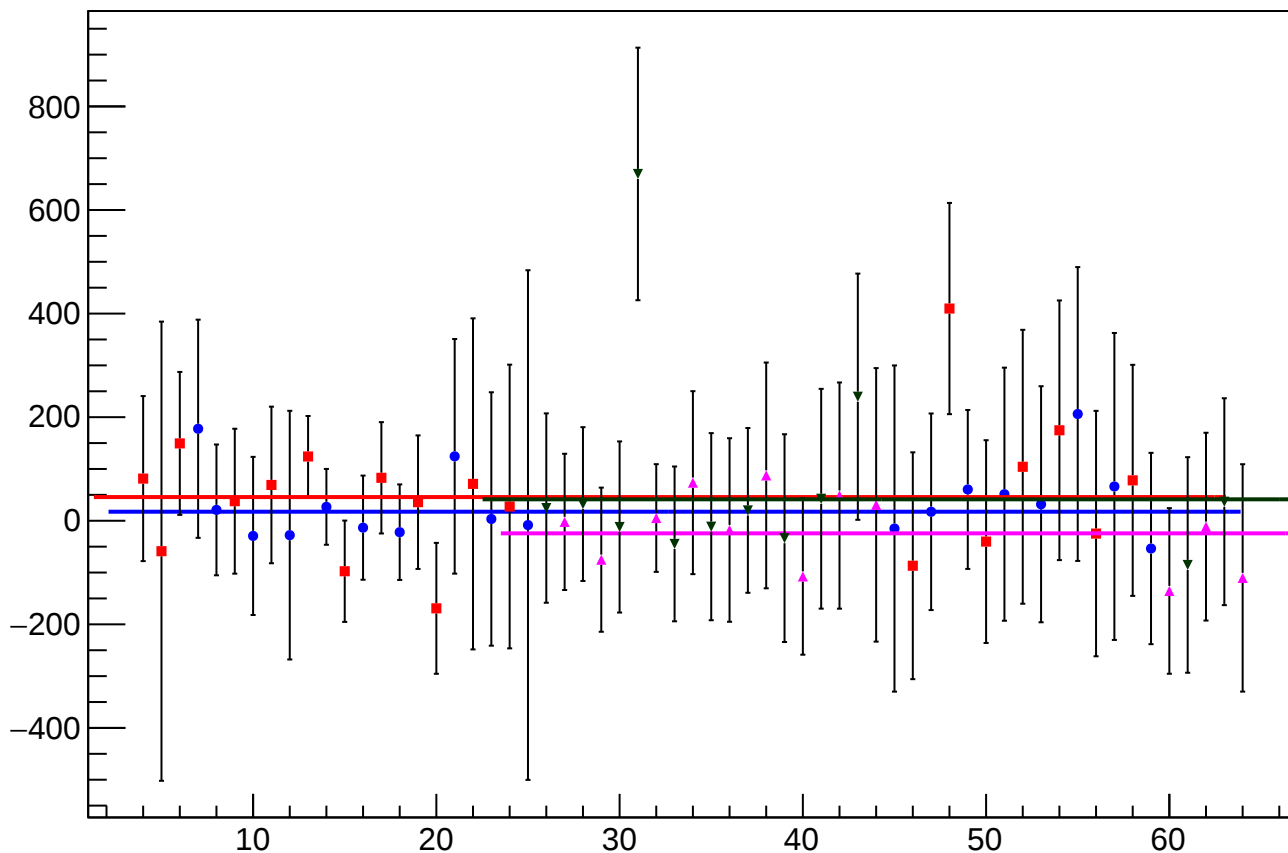
145.539+/-0.026 χ^2/NDF : 3607537.9/29

Right Out: 148.646+/-0.037 χ^2/NDF : 3594583.0/18

132.964+/-0.025 χ^2/NDF : 4349699.2/30

Left In: 120.864+/-0.033 χ^2/NDF :439999.0/11

asym_bcm_an_ds3_mean vs slug



Right In: 17.458+/-36.313 χ^2/NDF : 2.0/17

Left Out: 41.381+/-52.955 χ^2/NDF : 8.4/11

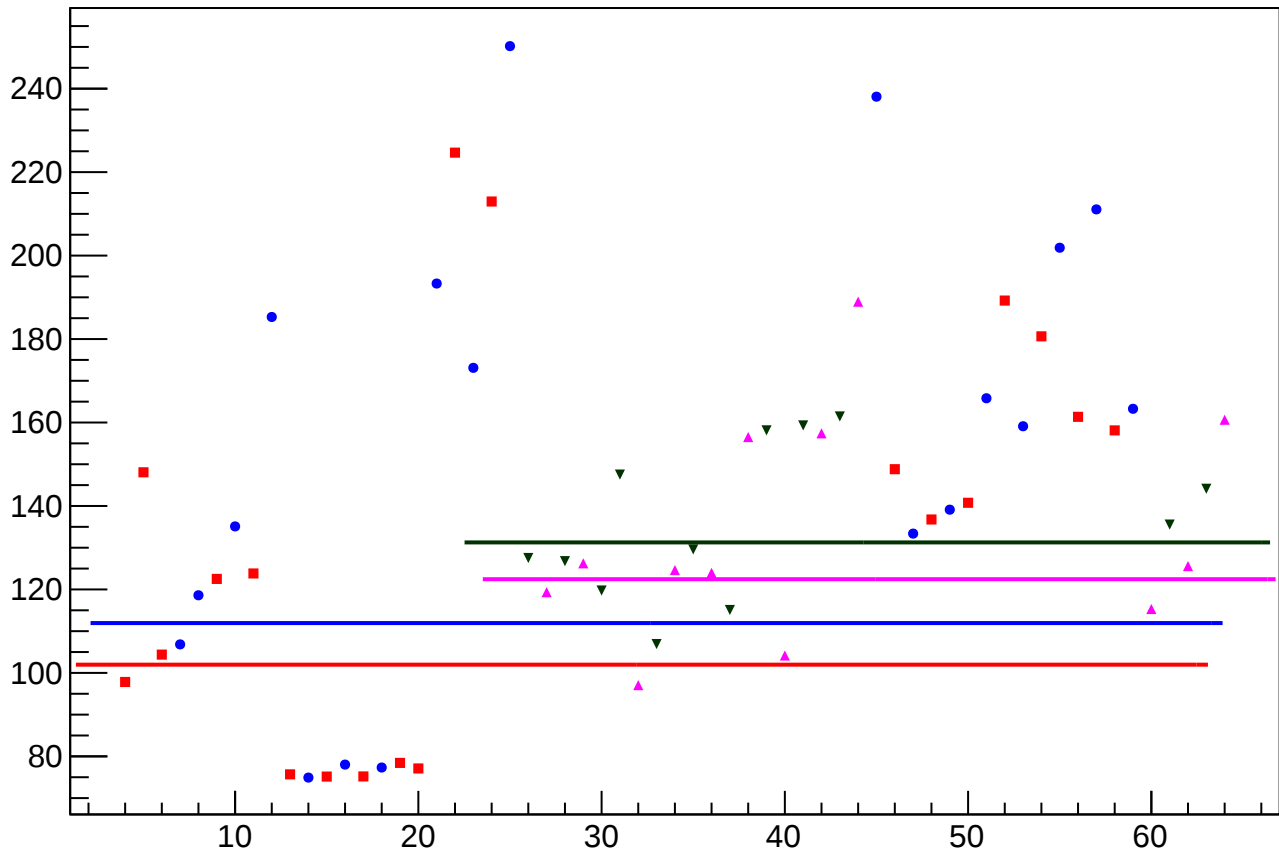
Right Out: 45.735+/-34.677 χ^2/NDF : 11.0/18

Left In: -24.288+/-46.812 χ^2/NDF : 1.9/11

25.110+/-29.948 χ^2/NDF : 10.5/29

20.924+/-27.865 χ^2/NDF : 14.4/30

asym_bcm_an_ds3_rms vs slug



Right In: 111.942+/-0.026 χ^2/NDF : 2972725.0/17

Left Out: 131.269+/-0.037 χ^2/NDF : 207456.5/11

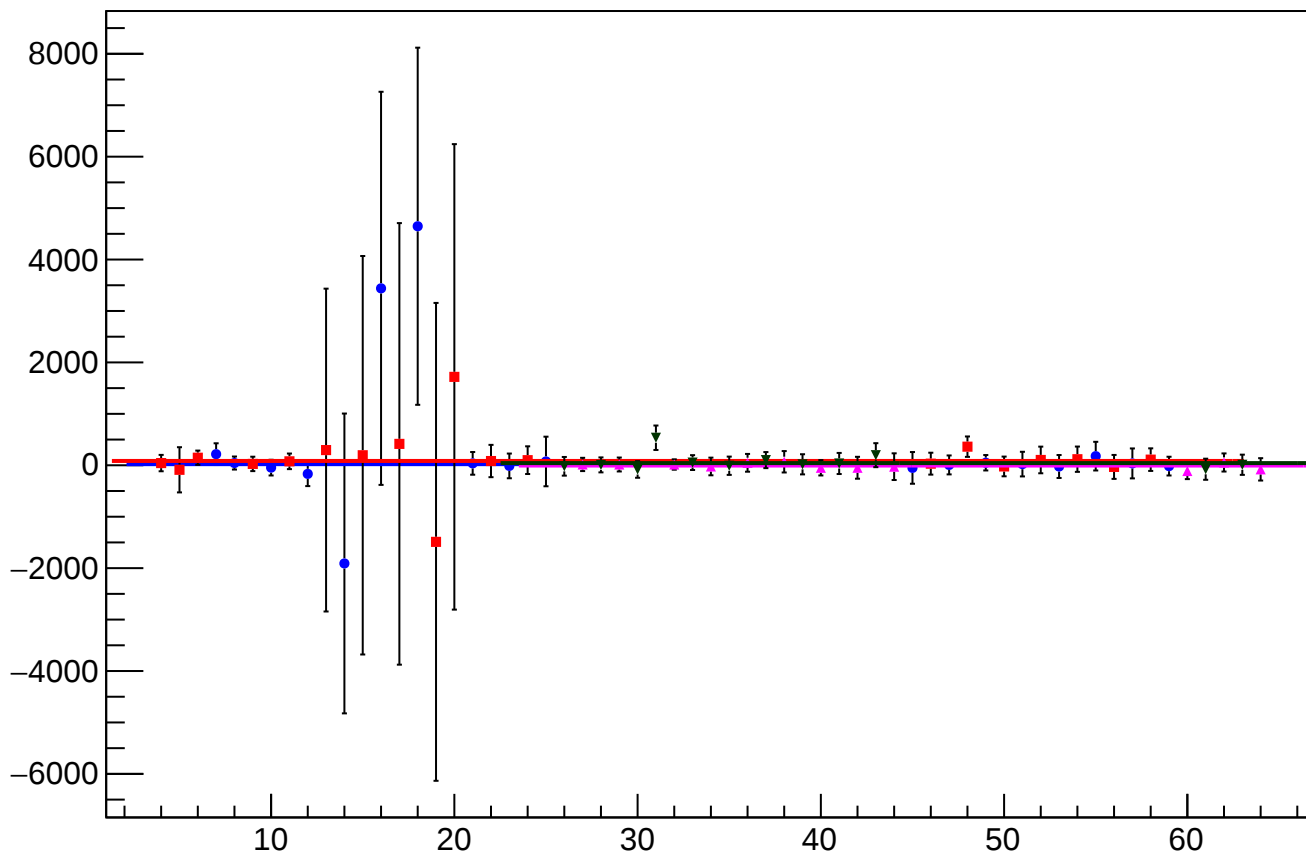
Right Out: 101.974+/-0.025 χ^2/NDF : 2271871.2/18

Left In: 122.451+/-0.033 χ^2/NDF : 443715.4/11

118.123+/-0.021 χ^2/NDF : 3361380.5/29

109.229+/-0.020 χ^2/NDF : 2962705.2/30

asym_bcm_an_us_mean vs slug



Right In: 21.772+/-52.365 χ^2/NDF : 5.3/17

Left Out: 42.451+/-51.807 χ^2/NDF : 6.1/11

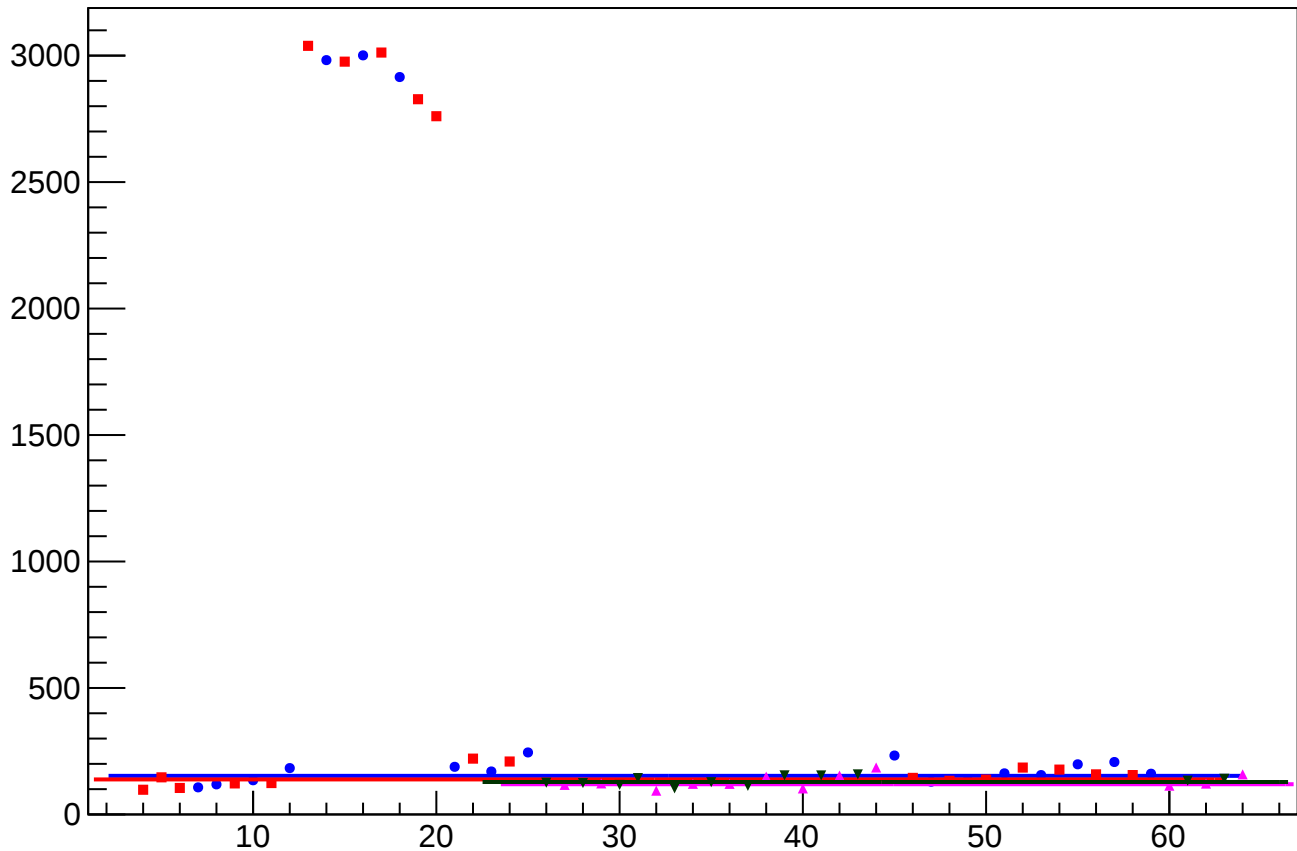
Right Out: 84.092+/-52.636 χ^2/NDF : 3.5/18

Left In: -4.977+/-45.686 χ^2/NDF : 1.1/11

32.223+/-36.829 χ^2/NDF : 11.4/29

33.293+/-34.502 χ^2/NDF : 6.2/30

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 128.286+/-0.037 χ^2/NDF : 212464.9/11

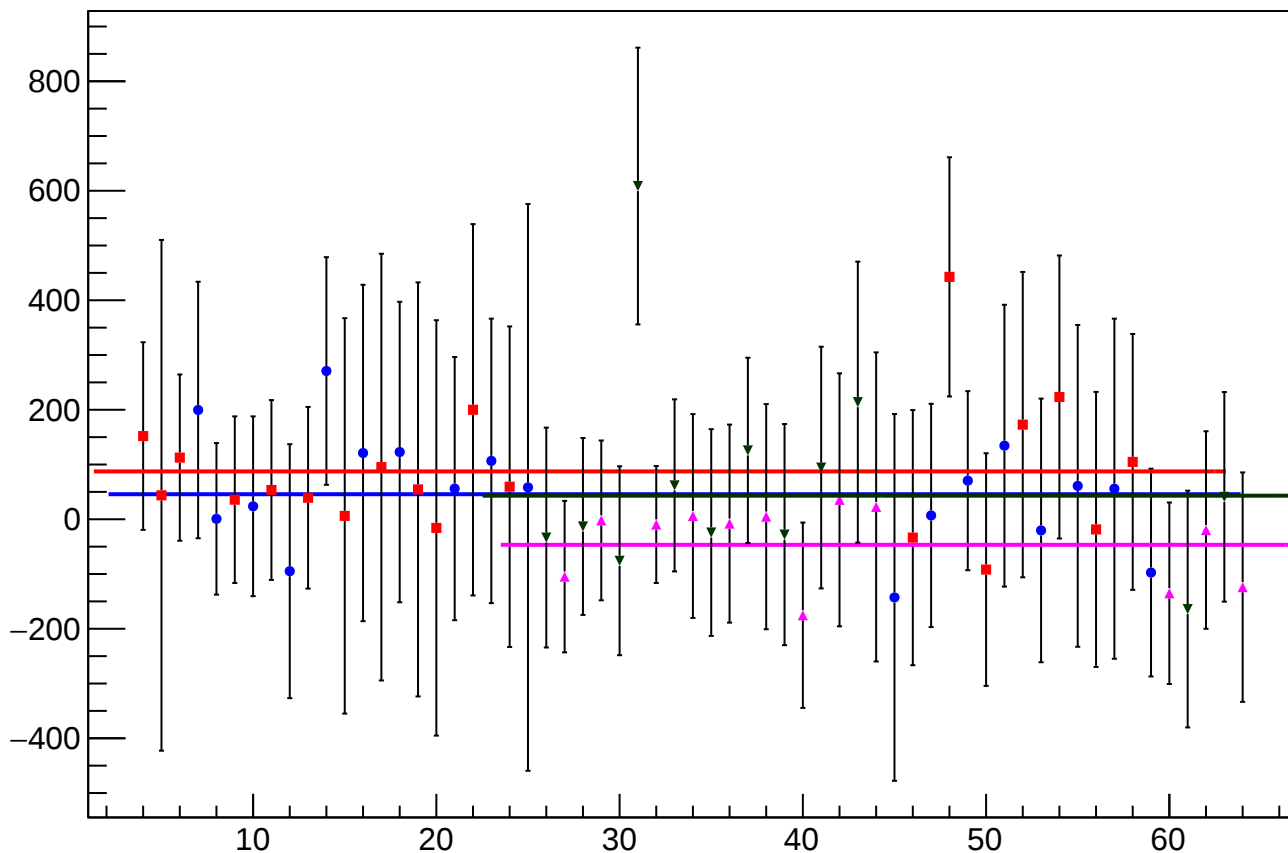
140.327+/-0.026 χ^2/NDF : 5448503.8/29

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

127.632+/-0.024 χ^2/NDF : 6327891.7/30

Left In: 119.479+/-0.032 χ^2/NDF : 445058.6/11

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 43.070+/-55.494 χ^2/NDF : 7.7/11

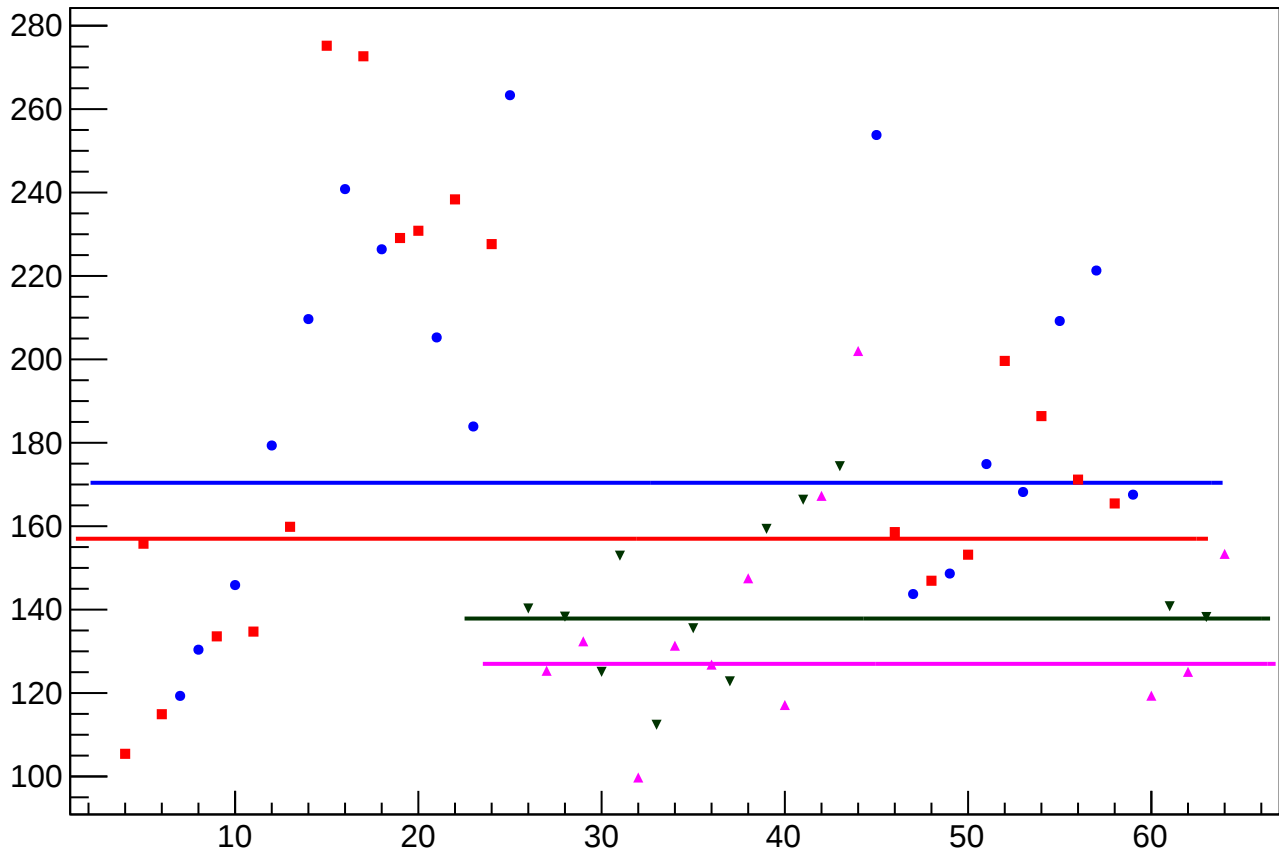
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -46.674+/-48.447 χ^2/NDF : 1.8/11

44.475+/-38.178 χ^2/NDF : 11.1/29

15.718+/-35.428 χ^2/NDF : 10.2/30

asym_bcm_dg_us_rms vs slug



Right In: 170.412+/-0.037 χ^2/NDF : 964671.4/17

Left Out: 137.864+/-0.039 χ^2/NDF :183922.2/11

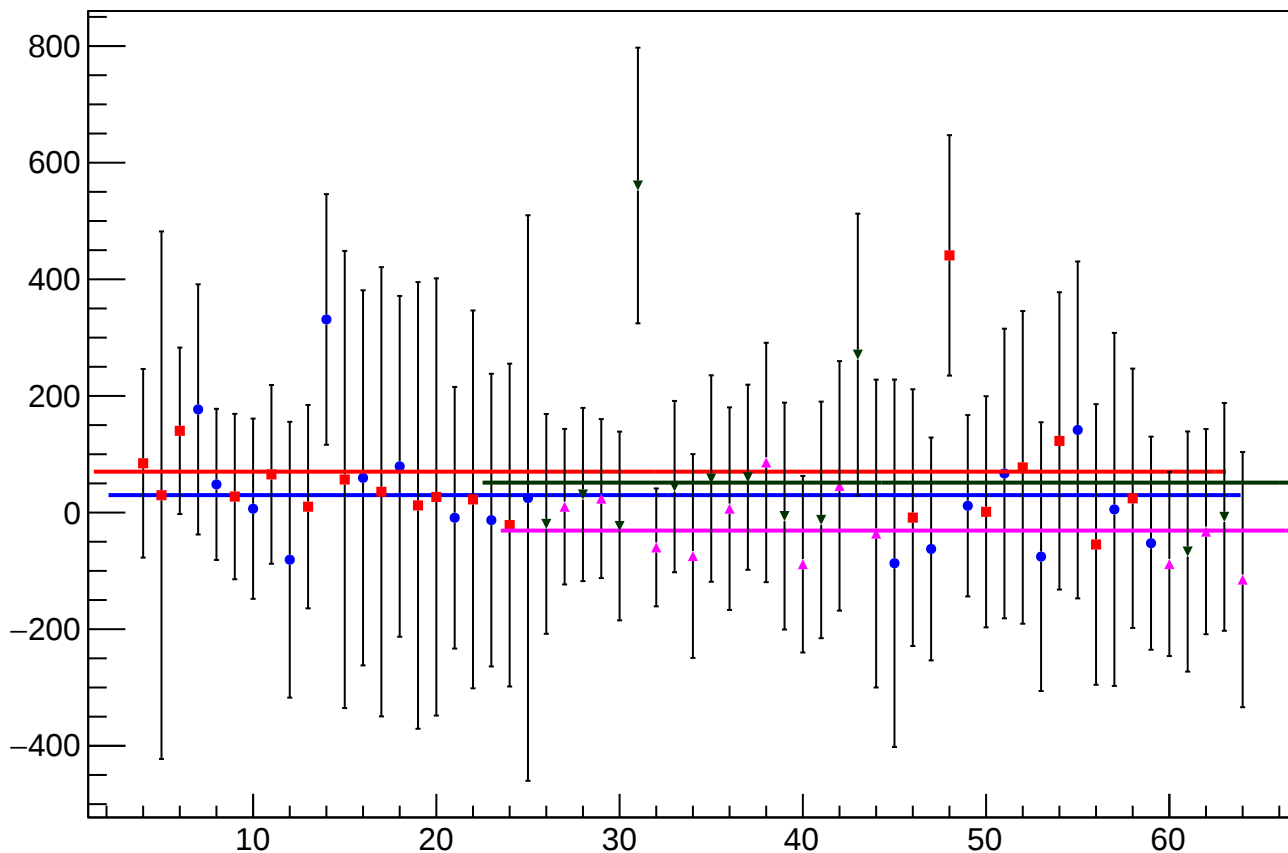
155.008+/-0.027 χ^2/NDF : 1510978.0/29

Right Out: 156.997+/-0.037 χ^2/NDF : 1276447.5/18

140.955+/-0.025 χ^2/NDF : 2032398.0/30

Left In: 126.998+/-0.034 χ^2/NDF :399172.7/11

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 51.344+/-52.332 χ^2/NDF : 6.5/11

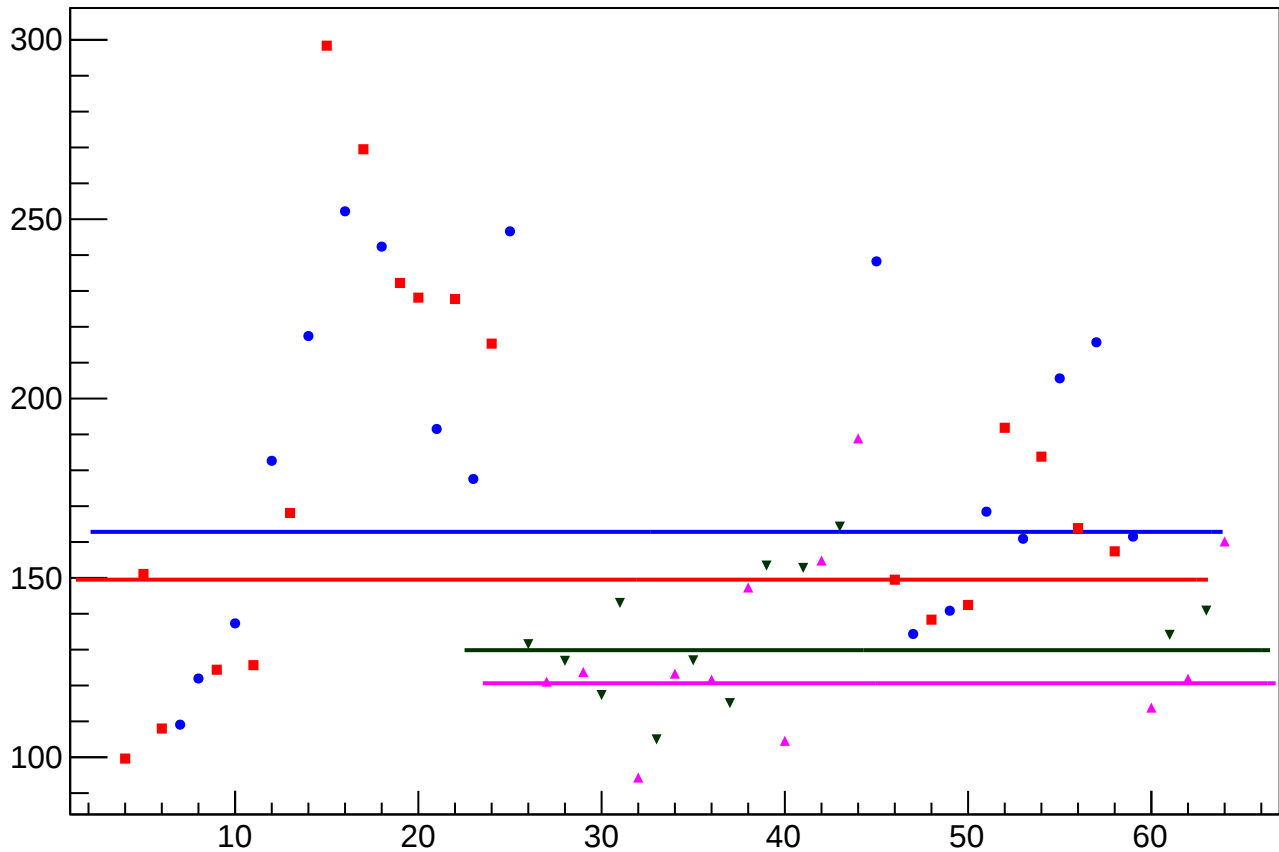
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -30.896+/-46.096 χ^2/NDF : 1.3/11

40.269+/-36.373 χ^2/NDF : 10.3/29

15.751+/-33.823 χ^2/NDF : 8.0/30

asym_bcm_dg_ds_rms vs slug



Right In: 162.833+/-0.036 χ^2/NDF : 1229021.5/17

Left Out: 129.851+/-0.037 χ^2/NDF : 197034.9/11

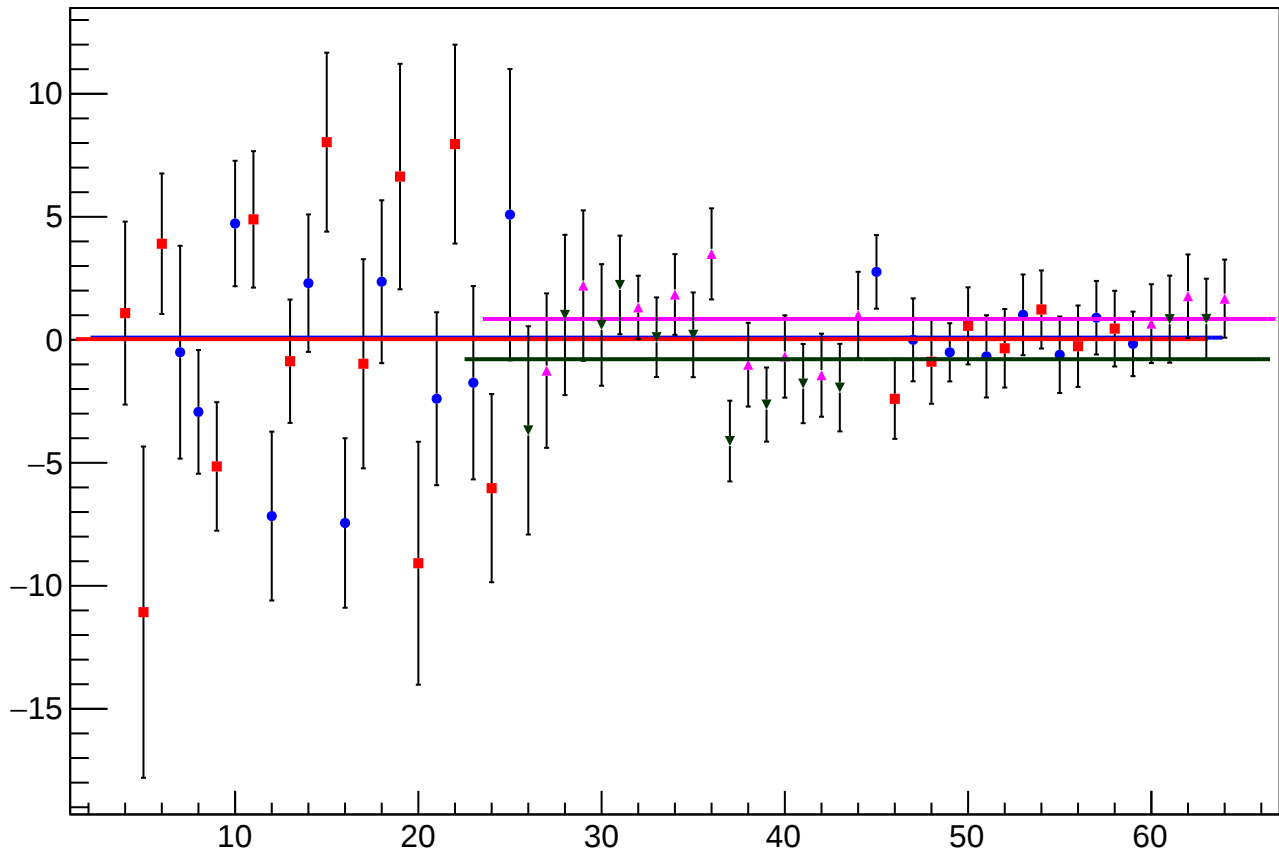
146.900+/-0.026 χ^2/NDF : 1836700.6/29

Right Out: 149.507+/-0.035 χ^2/NDF : 1490705.1/18

133.960+/-0.024 χ^2/NDF : 2300184.1/30

Left In: 120.630+/-0.033 χ^2/NDF : 447170.3/11

asym_cav4bQ_mean vs slug



Right In: 0.089 ± 0.466 χ^2/NDF : 21.1/17

Left Out: -0.788 ± 0.535 χ^2/NDF : 12.2/11

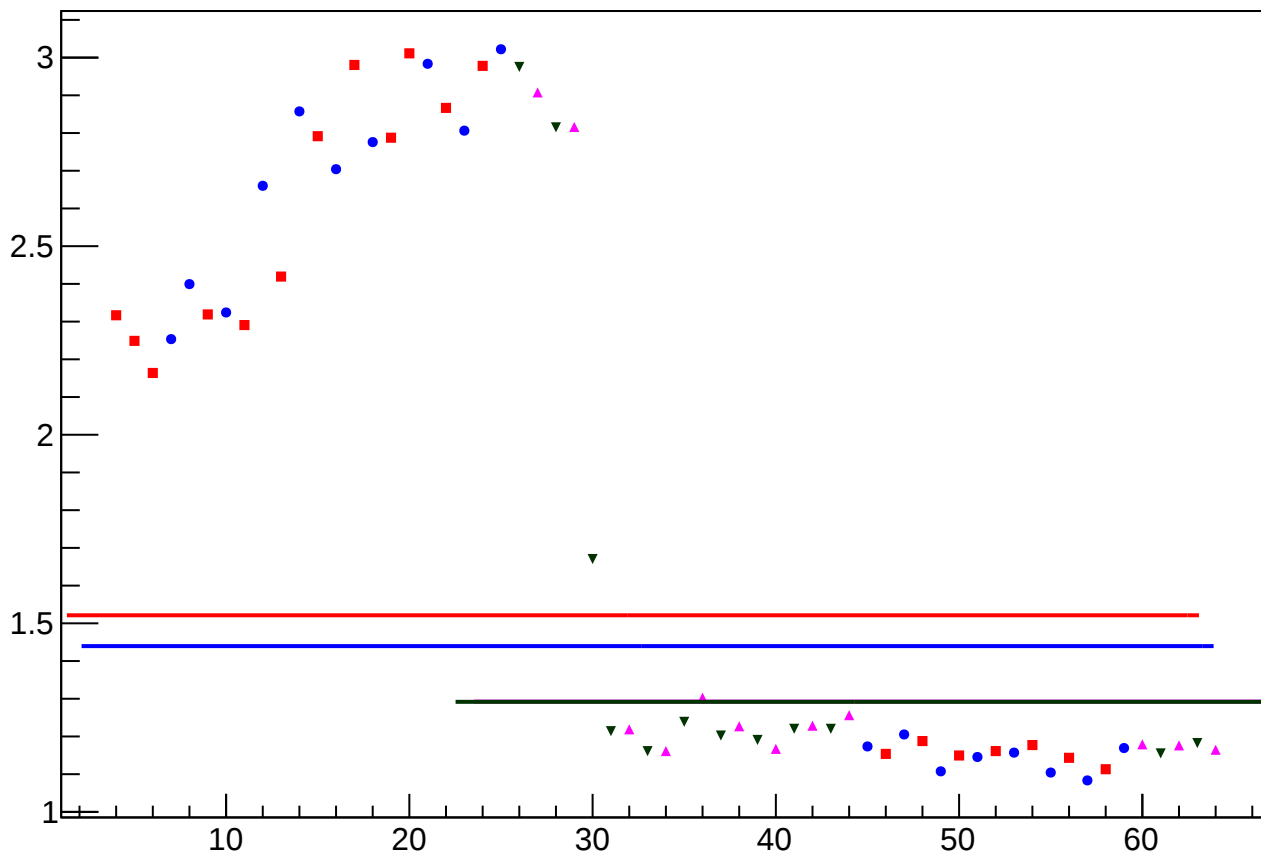
Right Out: 0.028 ± 0.520 χ^2/NDF : 31.9/18

Left In: 0.847 ± 0.501 χ^2/NDF : 7.6/11

-0.288 ± 0.351 χ^2/NDF : 34.8/29

0.453 ± 0.361 χ^2/NDF : 40.8/30

asym_cav4bQ_rms vs slug



Right In: 1.440+/-0.000 χ^2/NDF : 3409388.4/17

Left Out: 1.292+/-0.000 χ^2/NDF :861653.8/11

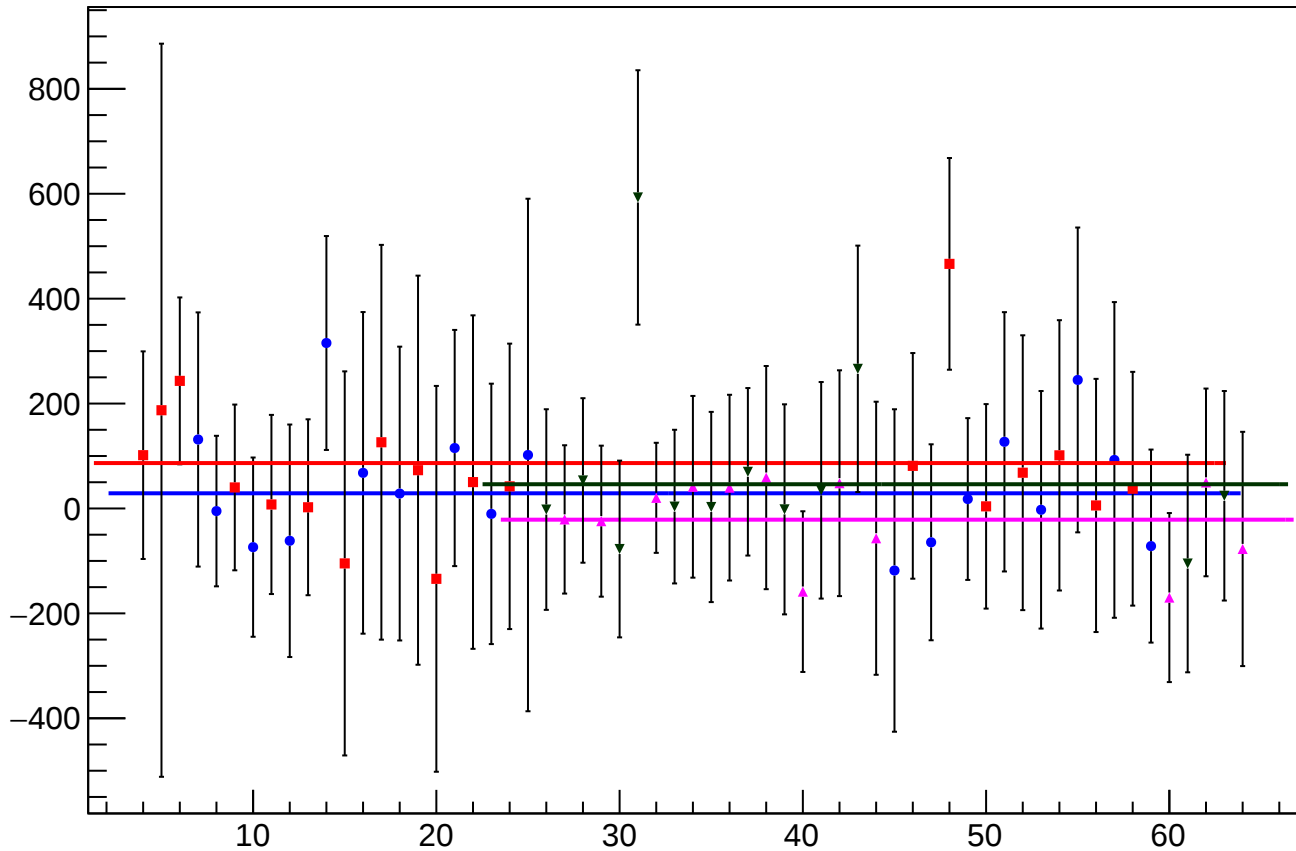
Right Out: 1.521+/-0.000 χ^2/NDF : 2870549.2/18

Left In: 1.293+/-0.000 χ^2/NDF :1095949.0/11

1.376+/-0.000 χ^2/NDF : 4357748.7/29

1.403+/-0.000 χ^2/NDF : 4167600.0/30

asym_cav4cQ_mean vs slug



Right In: 28.930 ± 51.478 χ^2/NDF : 4.5/17

Left Out: 46.199 ± 53.352 χ^2/NDF : 7.3/11

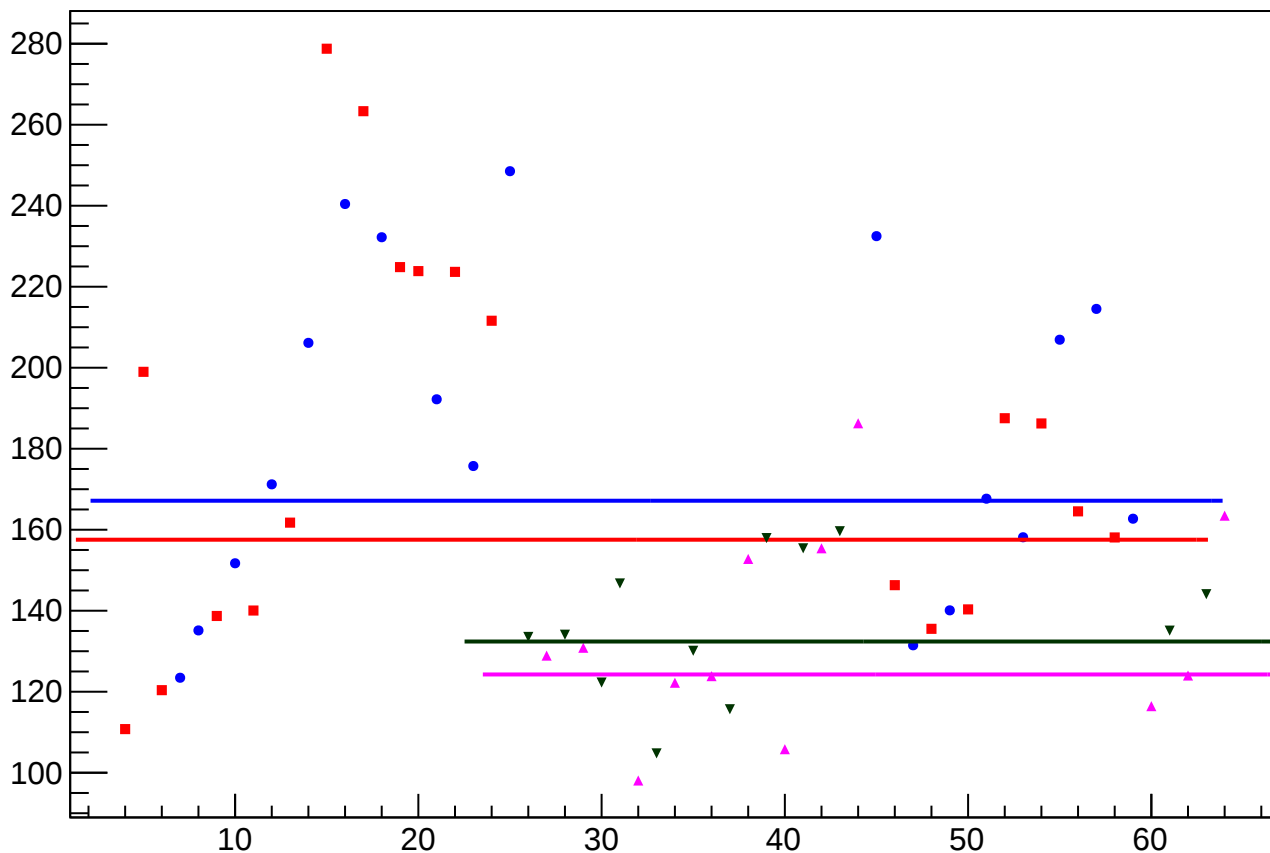
Right Out: 86.558 ± 52.059 χ^2/NDF : 6.1/18

Left In: -21.381 ± 47.395 χ^2/NDF : 2.5/11

37.256 ± 37.045 χ^2/NDF : 11.9/29

27.538 ± 35.046 χ^2/NDF : 11.0/30

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF : 875808.6/17

Left Out: 132.397+/-0.038 χ^2/NDF :199326.1/11

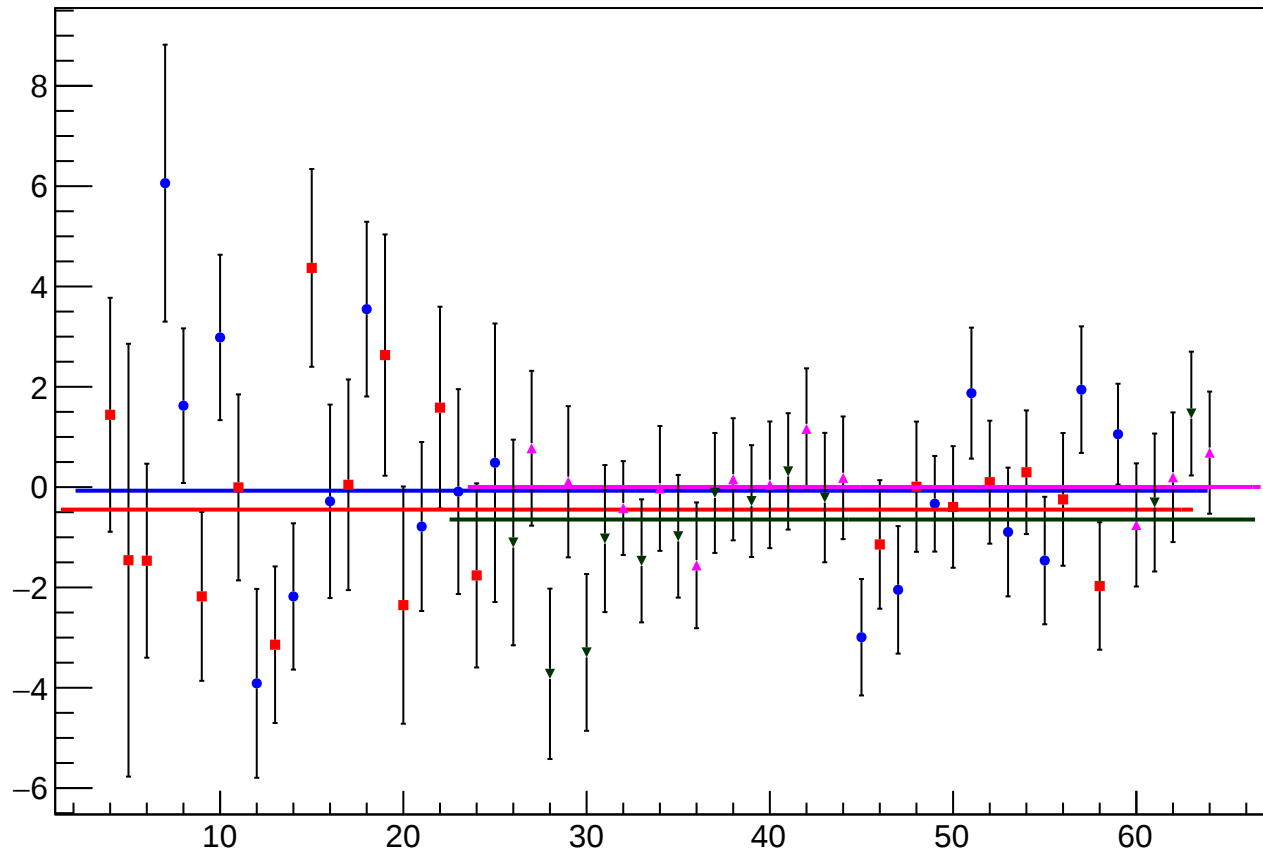
150.399+/-0.026 χ^2/NDF : 1514829.3/29

Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

139.341+/-0.025 χ^2/NDF : 1914398.1/30

Left In: 124.262+/-0.034 χ^2/NDF :417989.3/11

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.646 ± 0.383 χ^2/NDF : 10.9/11

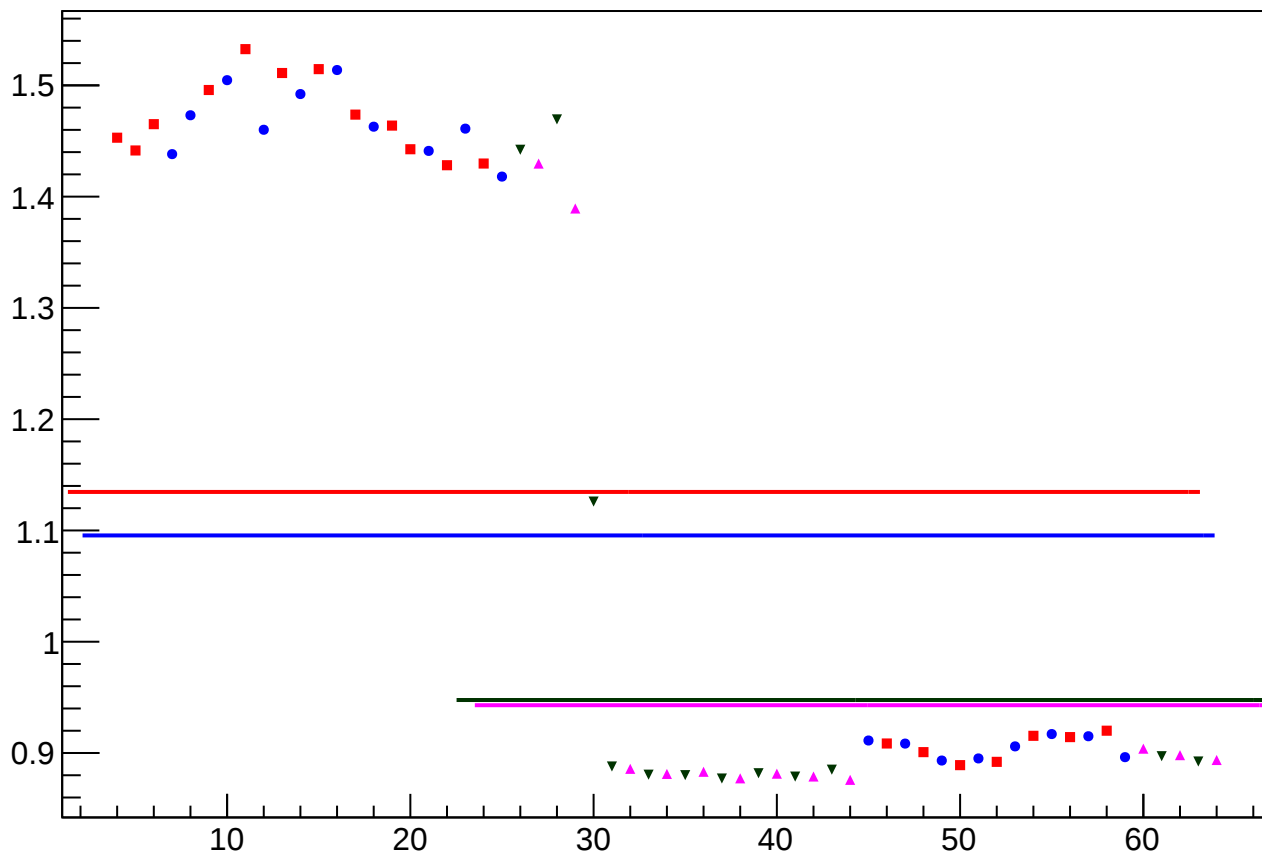
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: 0.003 ± 0.356 χ^2/NDF : 3.7/11

-0.321 ± 0.252 χ^2/NDF : 49.0/29

-0.214 ± 0.256 χ^2/NDF : 21.8/30

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF : 1288766.9/17

Left Out: 0.948+/-0.000 χ^2/NDF : 379022.0/11

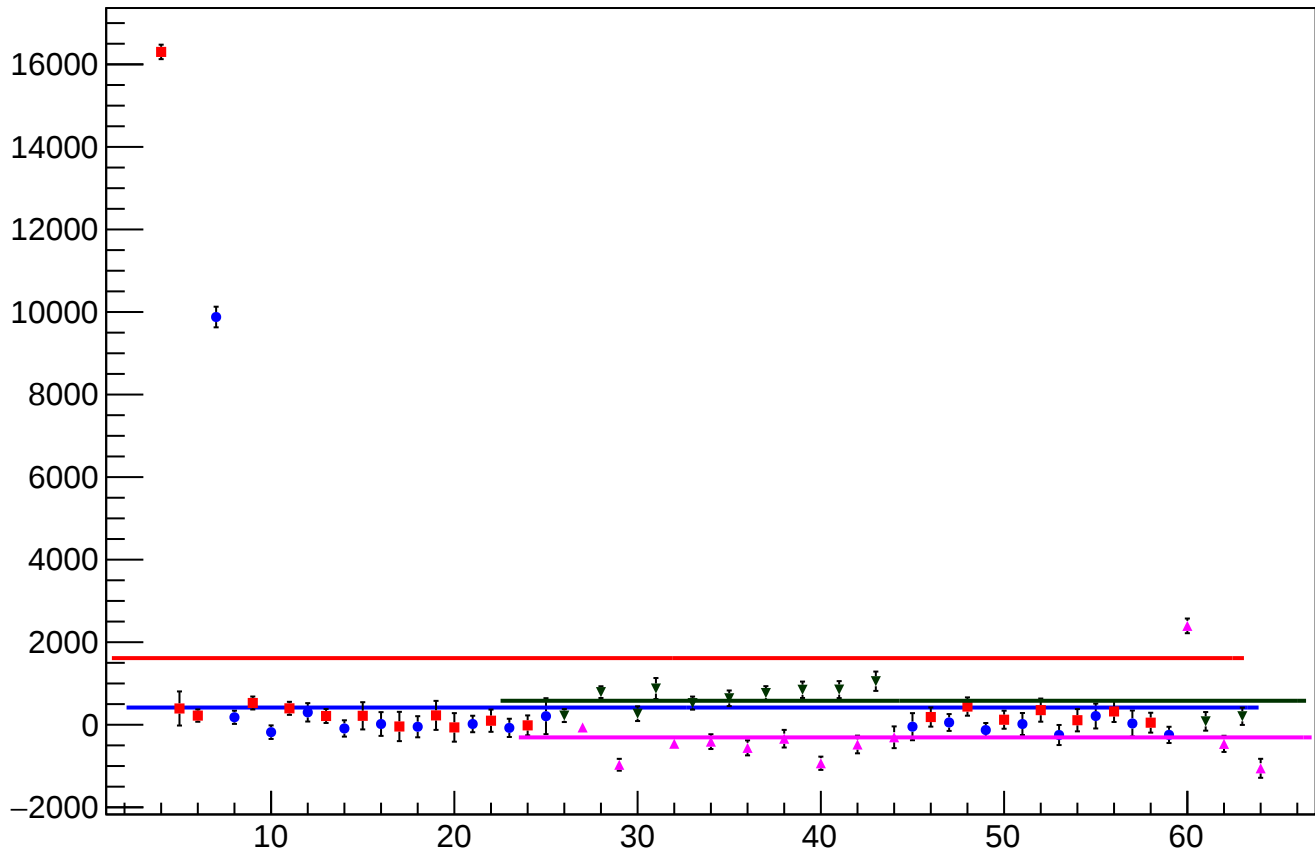
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.943+/-0.000 χ^2/NDF : 421357.2/11

1.031+/-0.000 χ^2/NDF : 1836661.6/29

1.035+/-0.000 χ^2/NDF : 1862345.4/30

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2 /NDF: 1507.9/17

Left Out: 581.007+/-53.381 χ^2 /NDF:29.1/11

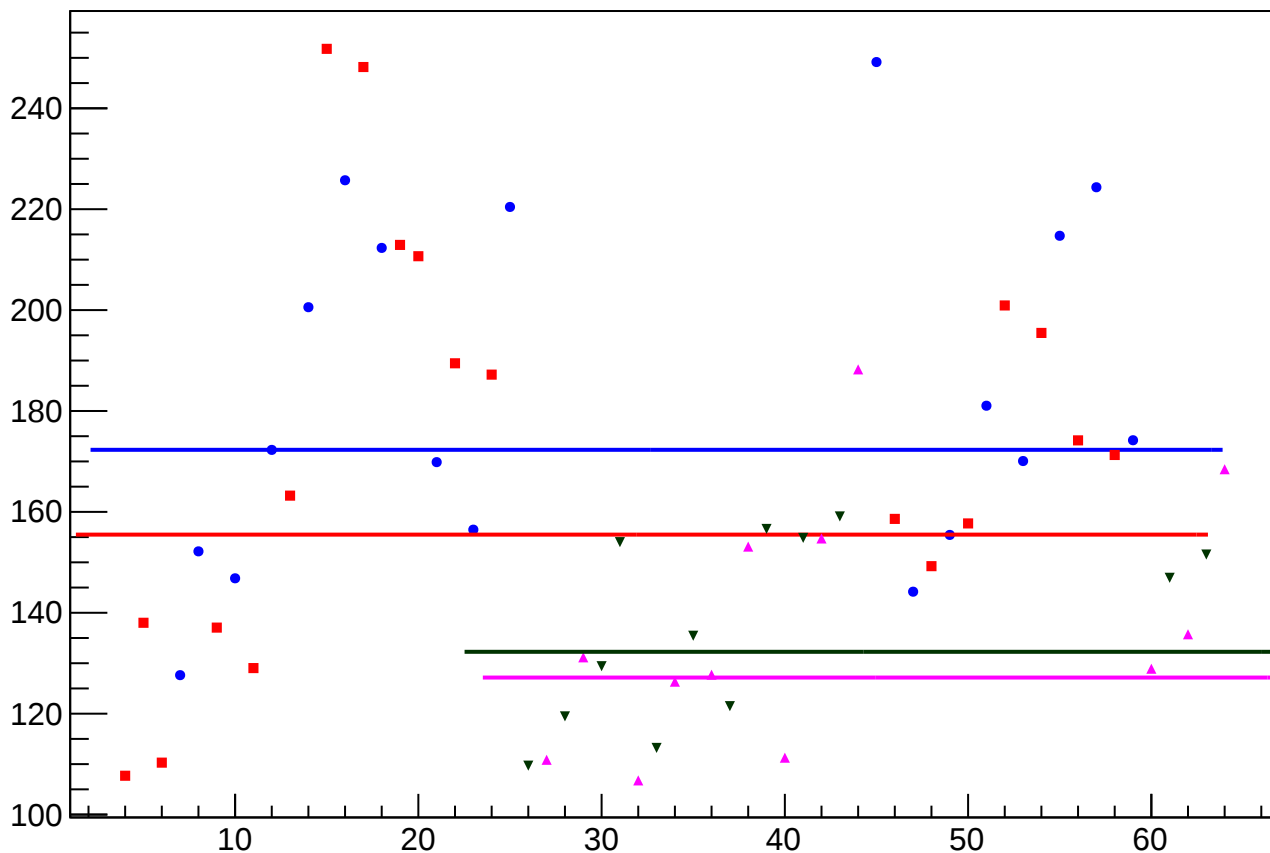
497.945+/-37.480 χ^2 /NDF: 1541.8/29

Right Out: 1614.499+/-51.138 χ^2 /NDF: 7665.3/18

599.600+/-35.120 χ^2 /NDF: 8697.6/30

Left In: -306.386+/-48.316 χ^2 /NDF:286.8/11

asym_bcm0l02_rms vs slug



Right In: 172.303+/-0.037 χ^2/NDF : 600813.3/17

Left Out: 132.264+/-0.038 χ^2/NDF :216805.0/11

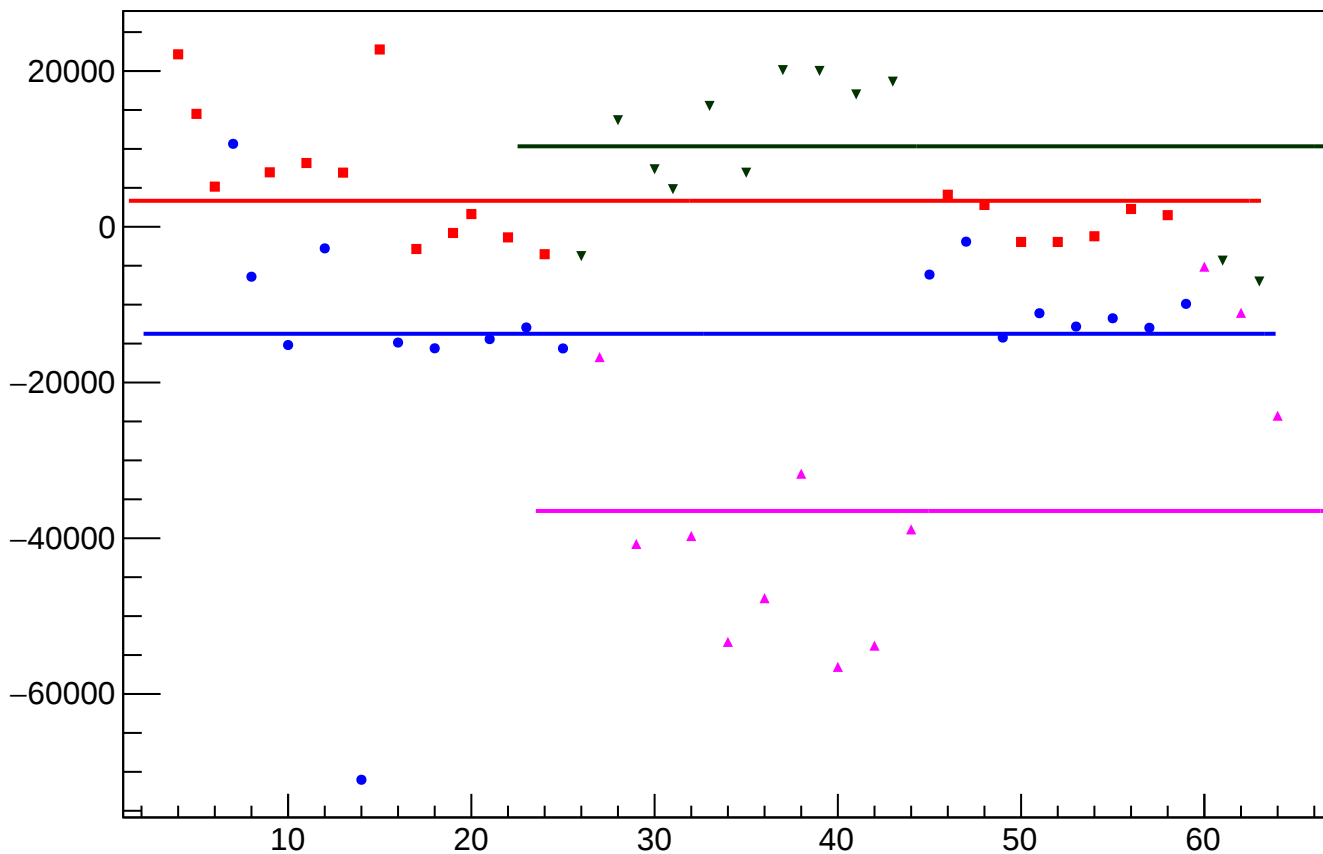
Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

Left In: 127.161+/-0.034 χ^2/NDF :360430.2/11

152.565+/-0.027 χ^2/NDF : 1388131.0/29

140.524+/-0.025 χ^2/NDF : 1703552.8/30

asym_bpm2i01WS_mean vs slug



Right In: -13741.376 ± 32.053 χ^2/NDF : 222194.3/17

Left Out: 10334.264 ± 38.850 χ^2/NDF : 62021.4/11

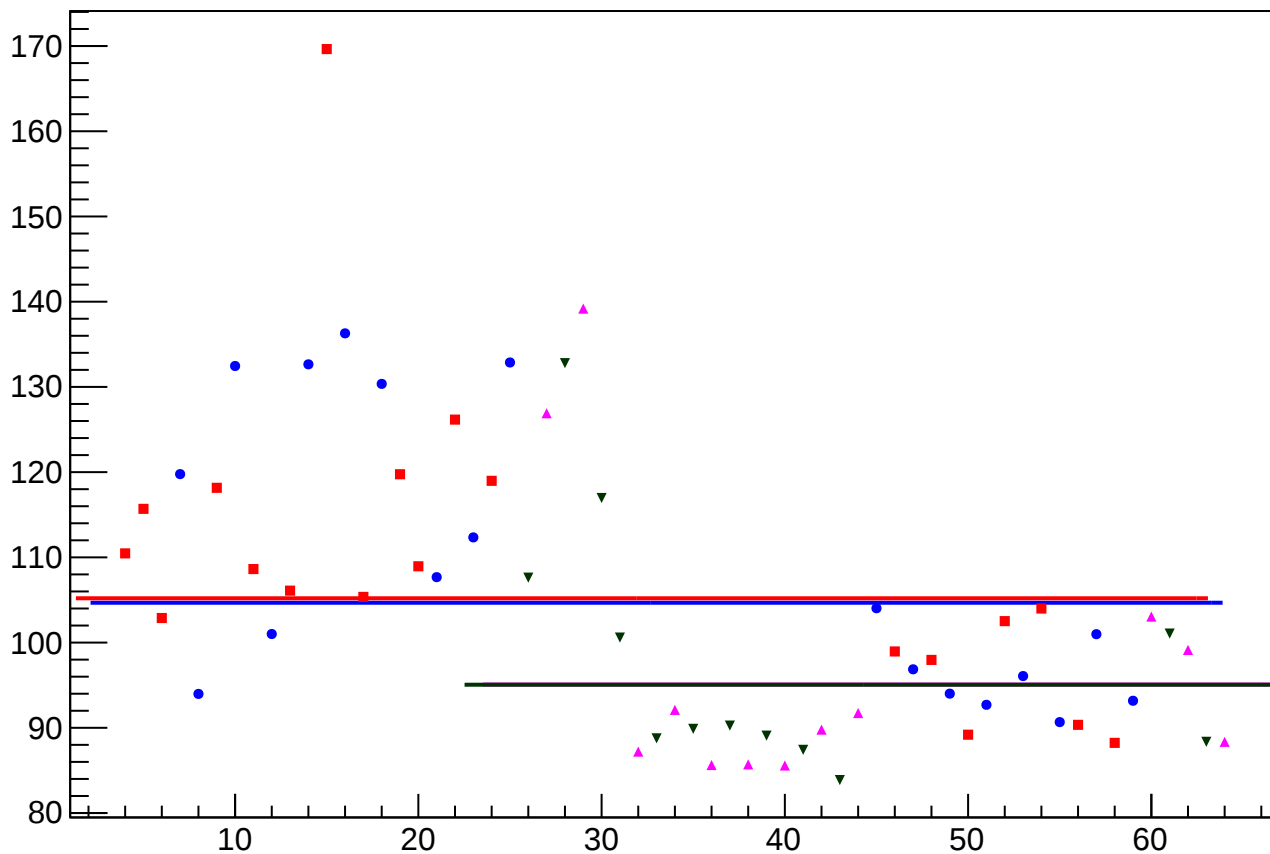
Right Out: 3338.926 ± 34.258 χ^2/NDF : 31361.1/18

Left In: -36497.201 ± 36.626 χ^2/NDF : 180077.2/11

-3990.507 ± 24.724 χ^2/NDF : 512718.0/29

-15249.499 ± 25.019 χ^2/NDF : 842406.6/30

asym_bpm2i01WS_rms vs slug



Right In: 104.677 ± 0.023 χ^2/NDF : 431749.6/17

Left Out: 95.057 ± 0.027 χ^2/NDF : 209587.3/11

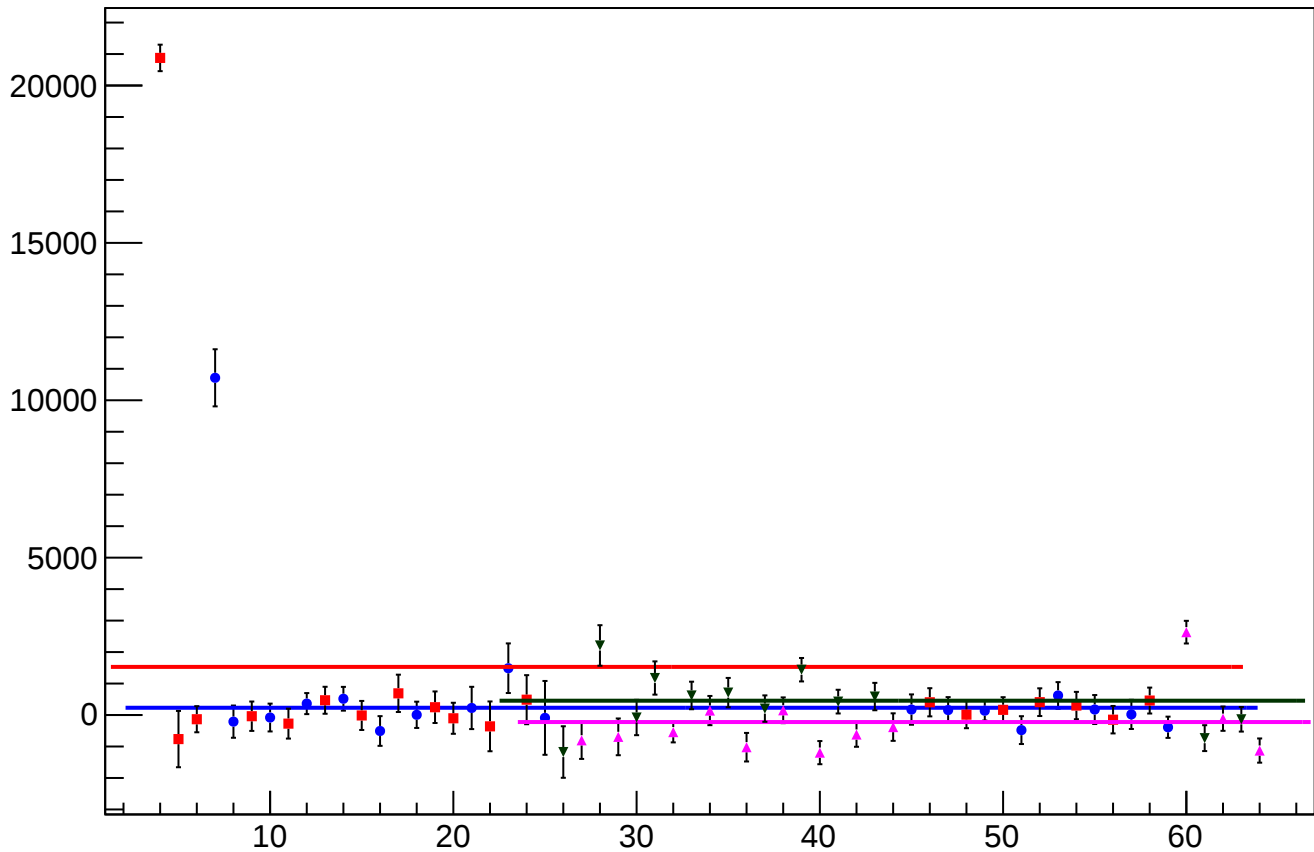
Right Out: 105.200 ± 0.024 χ^2/NDF : 336723.5/18

Left In: 95.077 ± 0.026 χ^2/NDF : 328421.3/11

100.781 ± 0.017 χ^2/NDF : 714303.4/29

100.476 ± 0.018 χ^2/NDF : 746643.8/30

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 454.931+/-131.111 χ^2/NDF : 32.7/11

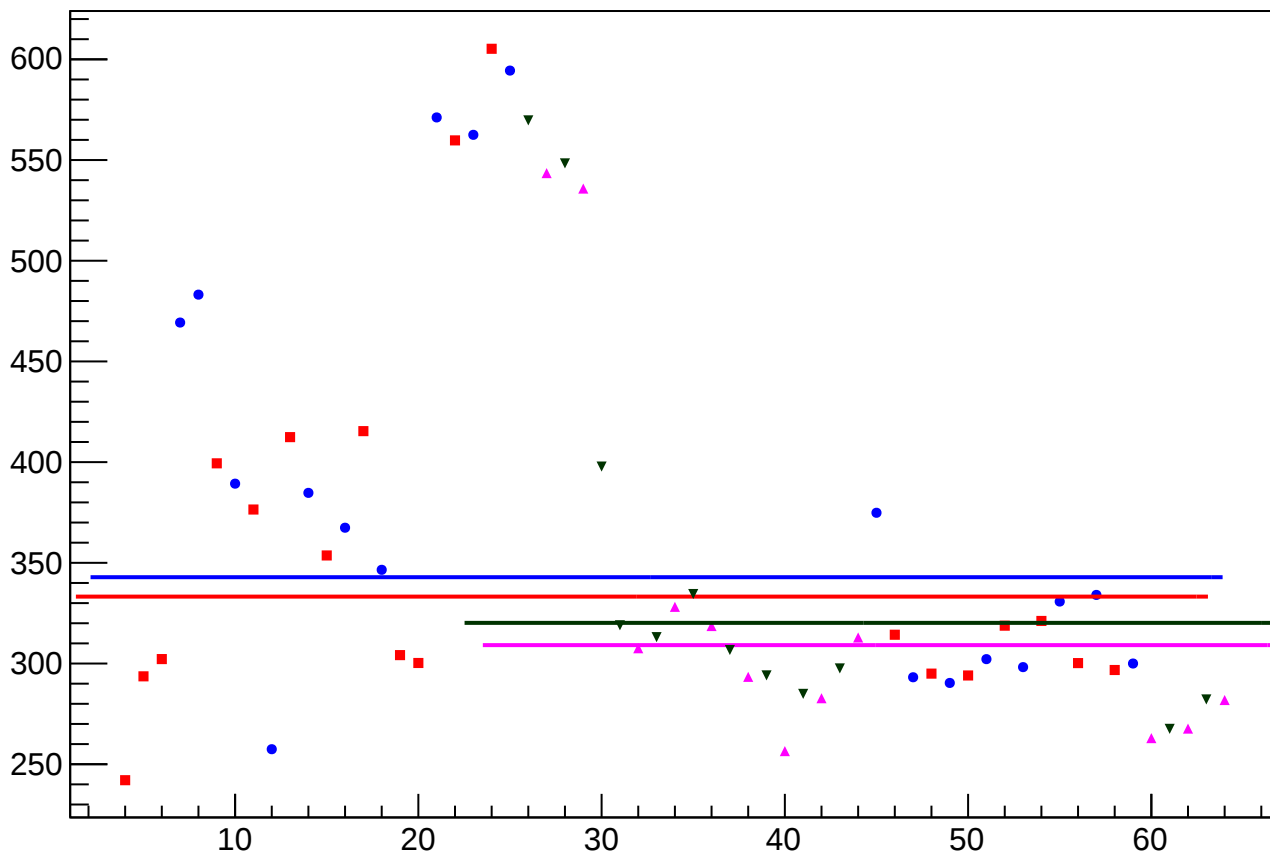
318.719+/-82.069 χ^2/NDF : 182.5/29

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

727.343+/-80.238 χ^2/NDF : 2476.2/30

Left In: -222.920+/-118.614 χ^2/NDF : 83.9/11

asym_bpm0i07WS_rms vs slug



Right In: 342.865 $\pm$ 0.074 χ^2 /NDF: 1018623.1/17

Left Out: 320.191 $\pm$ 0.093 χ^2 /NDF:564044.0/11

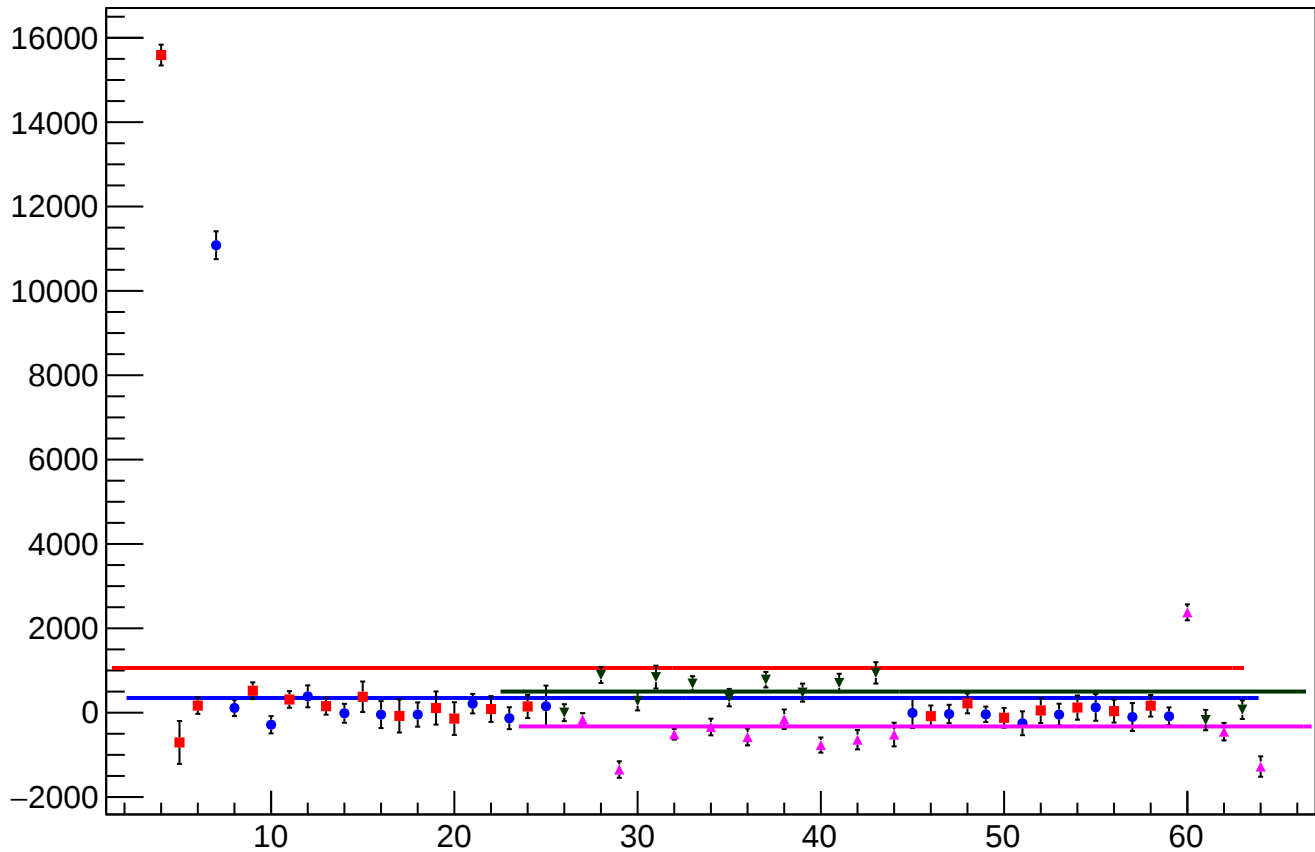
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 309.137 $\pm$ 0.084 χ^2 /NDF:739516.3/11

333.981 $\pm$ 0.058 χ^2 /NDF: 1619045.3/29

322.205 $\pm$ 0.057 χ^2 /NDF: 1553208.8/30

asym_bpm0l01WS_mean vs slug



Right In: 348.196 ± 59.644 χ^2/NDF : 1103.2/17

Left Out: 500.786 ± 61.223 χ^2/NDF : 32.6/11

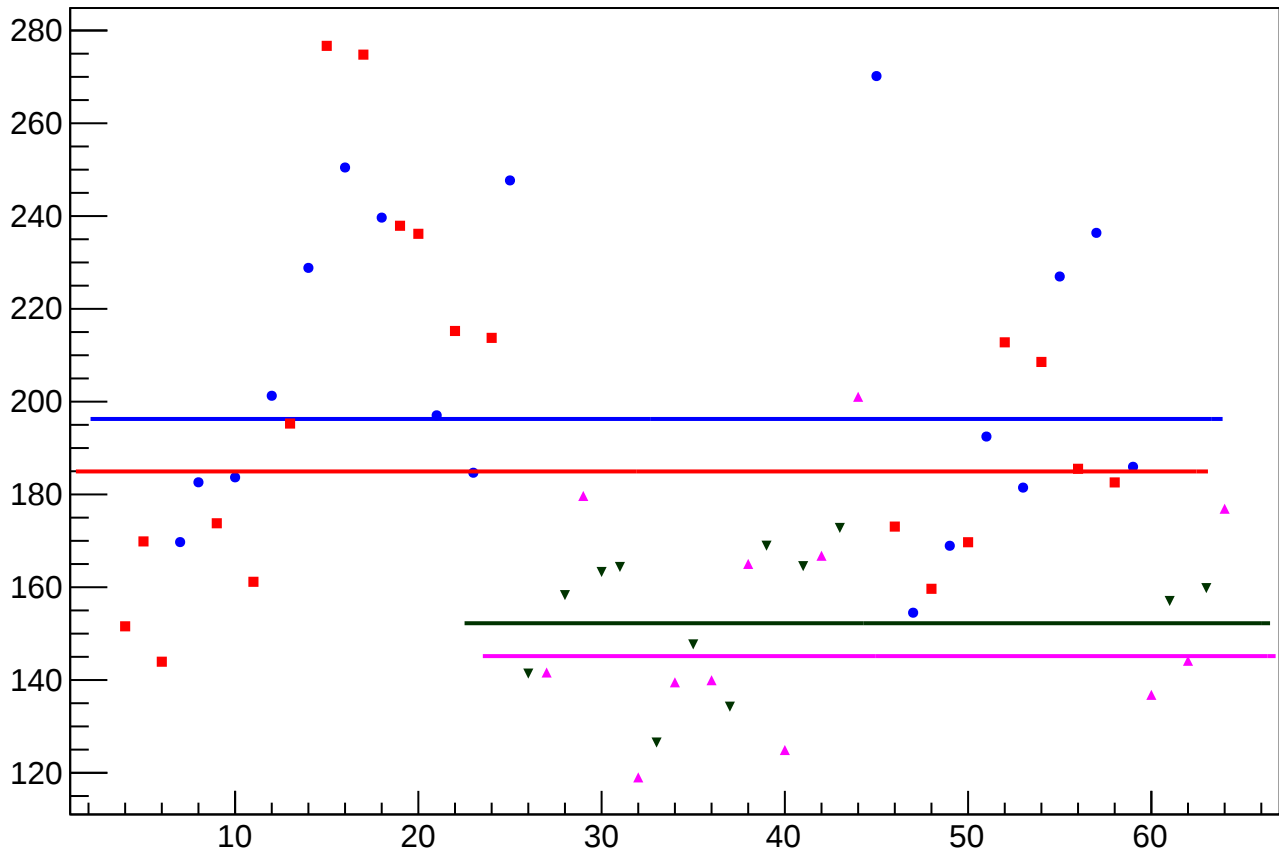
Right Out: 1059.962 ± 60.034 χ^2/NDF : 3708.7/18

Left In: -326.669 ± 54.998 χ^2/NDF : 262.0/11

422.498 ± 42.722 χ^2/NDF : 1139.0/29

306.051 ± 40.553 χ^2/NDF : 4260.8/30

asym_bpm0l01WS_rms vs slug



Right In: 196.269 $\pm$ 0.042 χ^2 /NDF: 466122.9/17

Left Out: 152.241 $\pm$ 0.043 χ^2 /NDF:113830.7/11

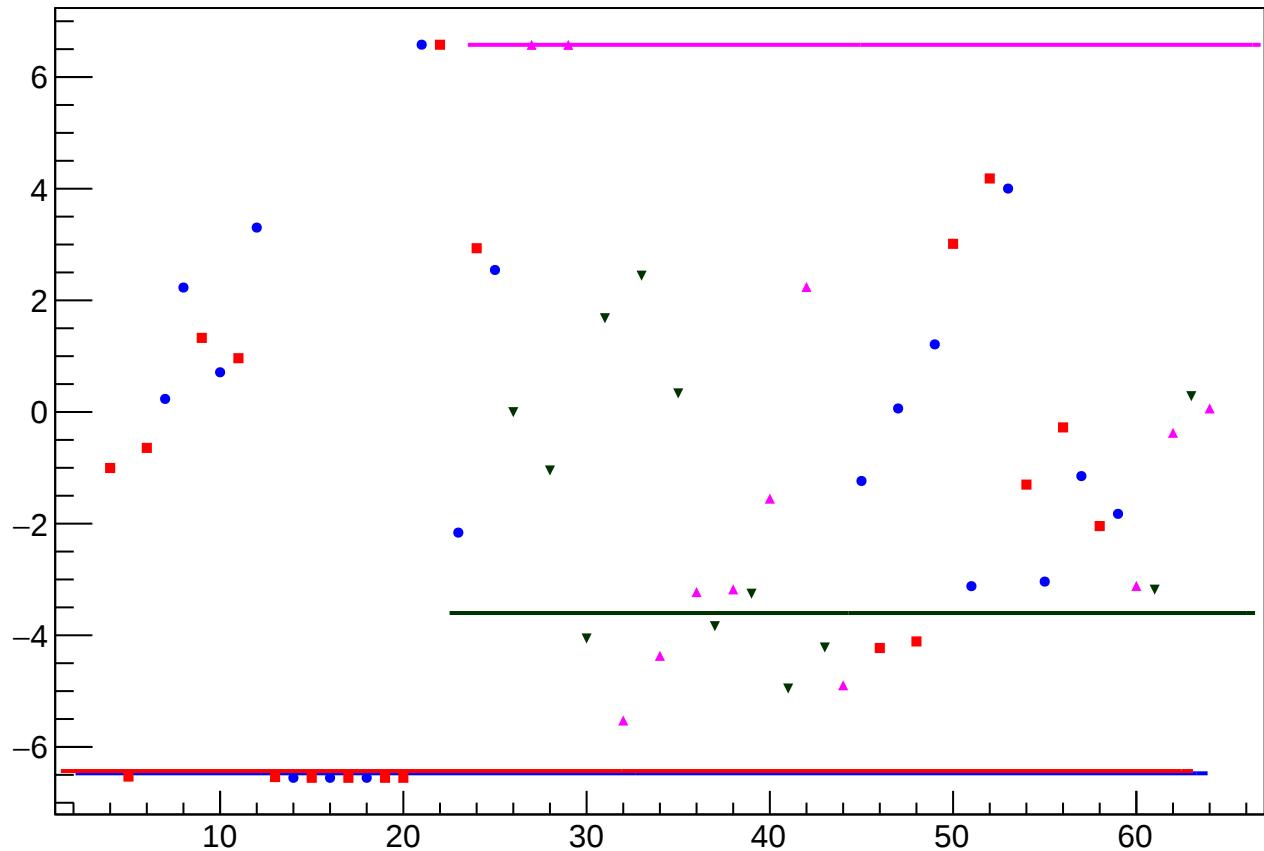
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 145.156 $\pm$ 0.039 χ^2 /NDF:326917.3/11

174.830 $\pm$ 0.030 χ^2 /NDF: 1110620.3/29

163.317 $\pm$ 0.029 χ^2 /NDF: 1385496.7/30

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.601+/-0.001 χ^2/NDF : 6296699.2/11

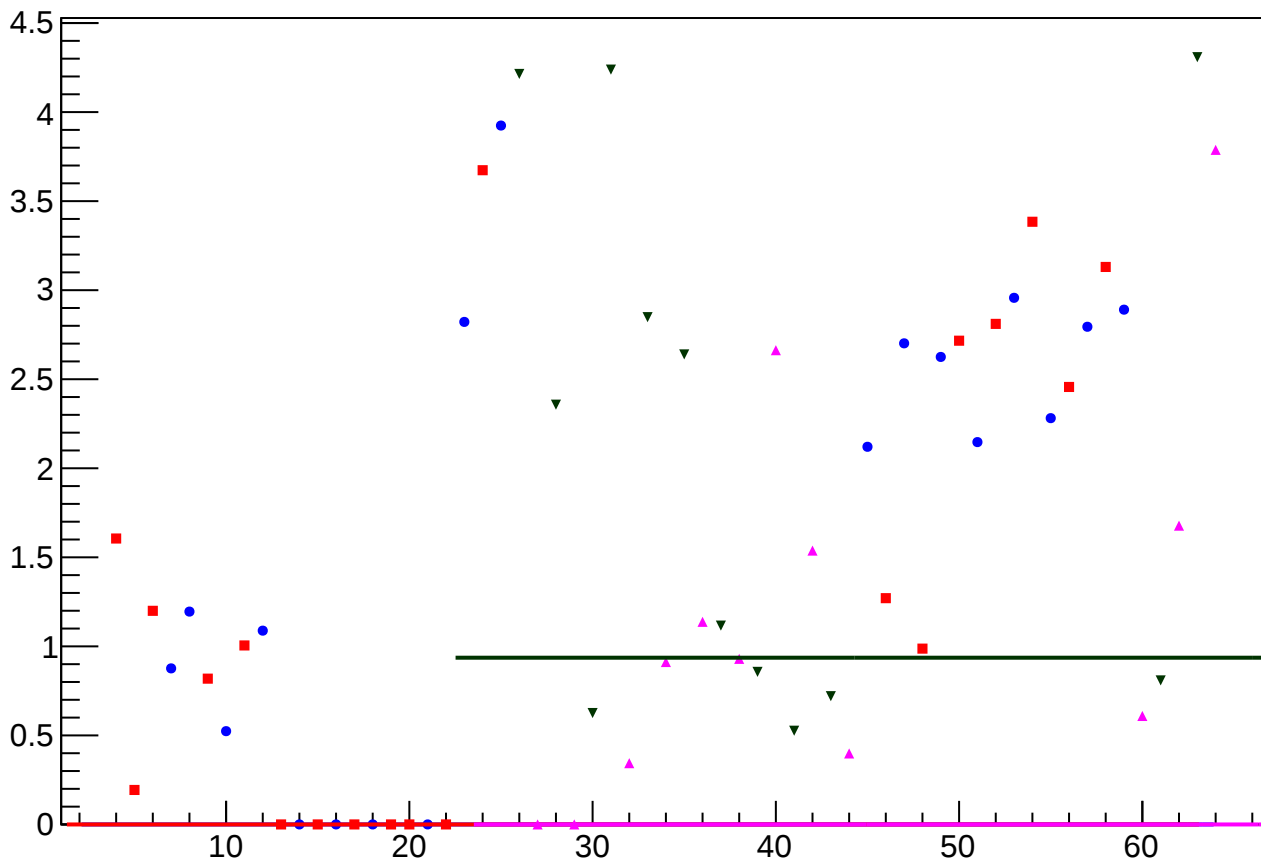
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.578+/-0.000 χ^2/NDF : 911117521.7/11

-6.473+/-0.000 χ^2/NDF : 127847981229331.1/2

-6.315+/-0.000 χ^2/NDF : 297092144278593.2/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 0.936+/-0.000 χ^2/NDF :3126712.7/11

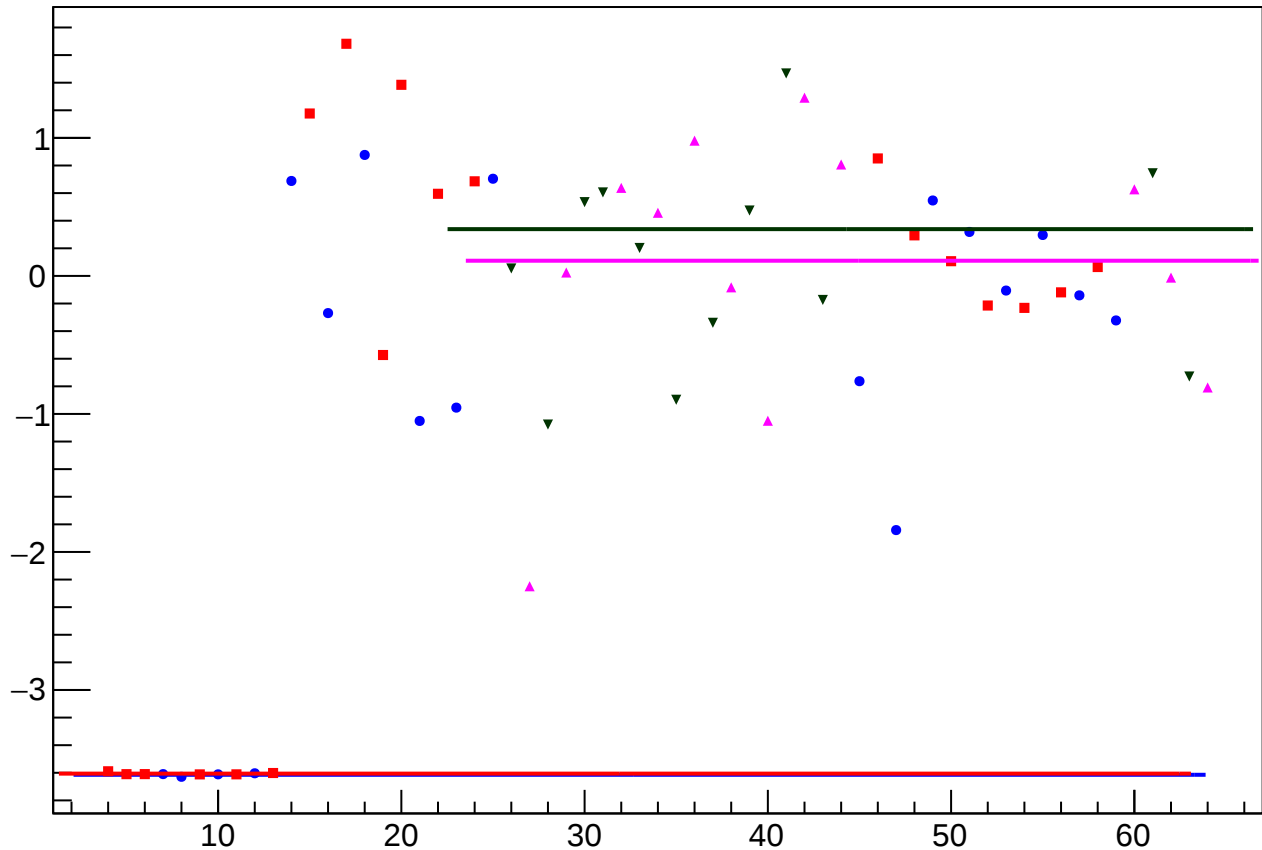
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF :7147475.9/11

0.000+/-0.000 χ^2/NDF : 20484106.6/29

0.000+/-0.000 χ^2/NDF : 16774169.4/30

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

Left Out: 0.339+/-0.000 χ^2/NDF : 7049854.1/11

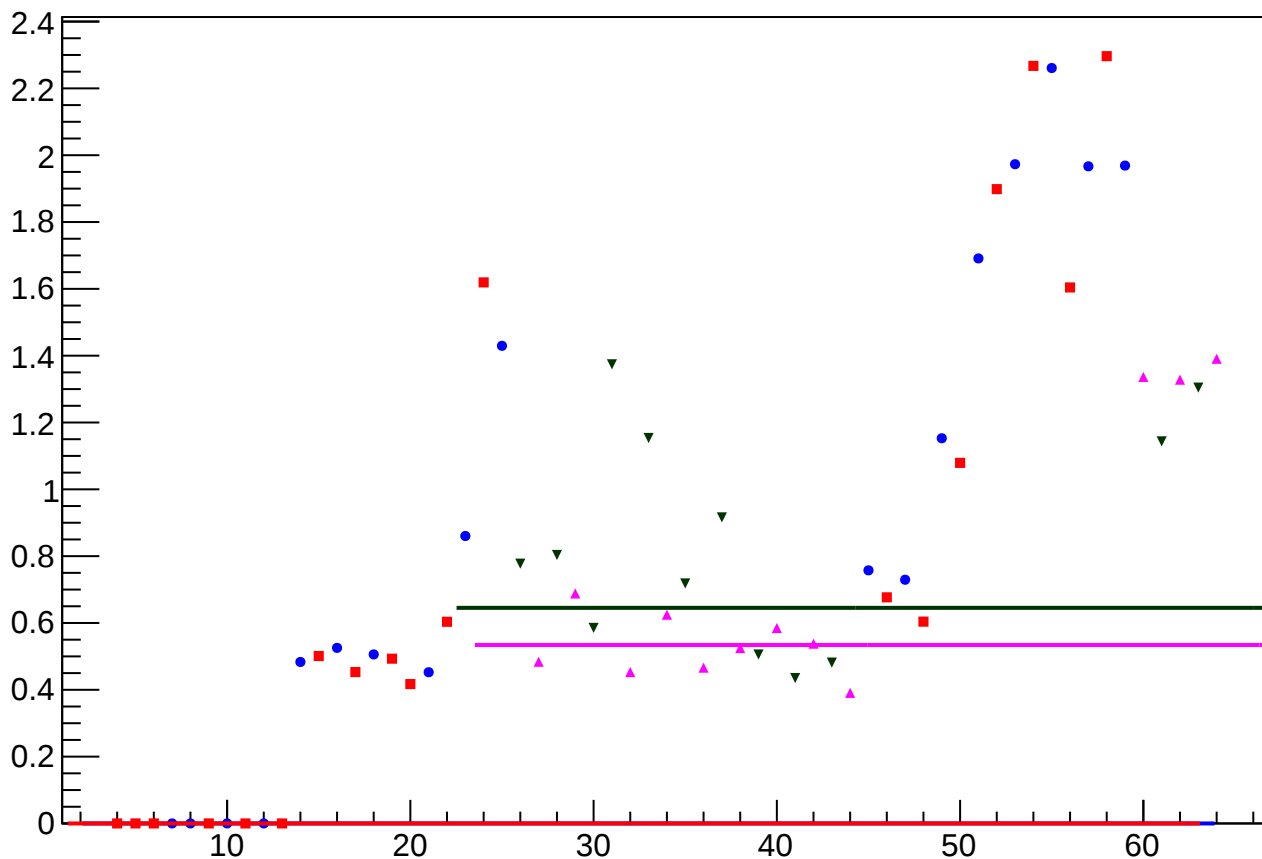
-3.614+/-0.000 χ^2/NDF : 49248392972.3/29

Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

-3.606+/-0.000 χ^2/NDF : 38042519458.3/30

Left In: 0.110+/-0.000 χ^2/NDF : 20420374.4/11

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13780215.8/17

Left Out: 0.645+/-0.000 χ^2/NDF :1220210.3/11

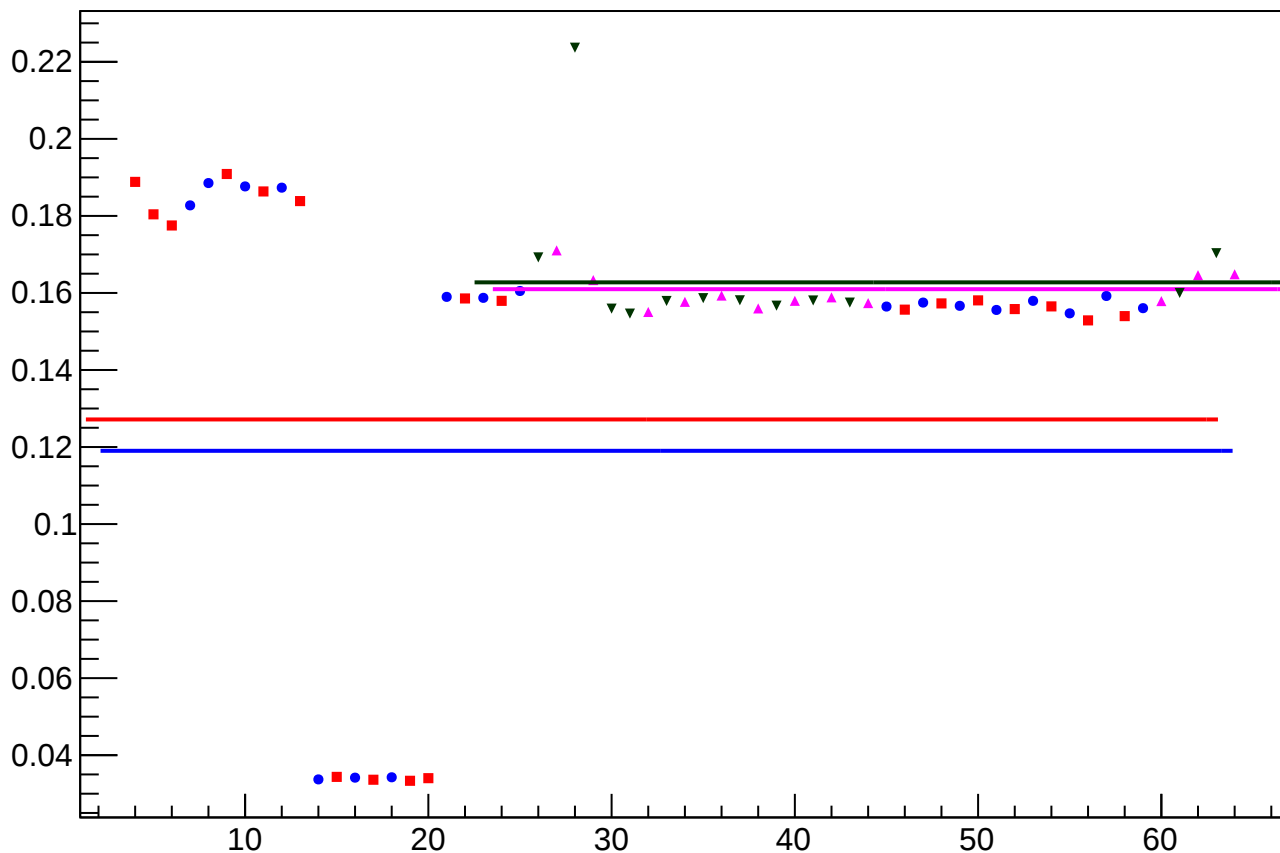
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.534+/-0.000 χ^2/NDF :1327434.5/11

0.000+/-0.000 χ^2/NDF : 23272684.0/29

0.000+/-0.000 χ^2/NDF : 21331803.9/30

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 : 102204207.9/11

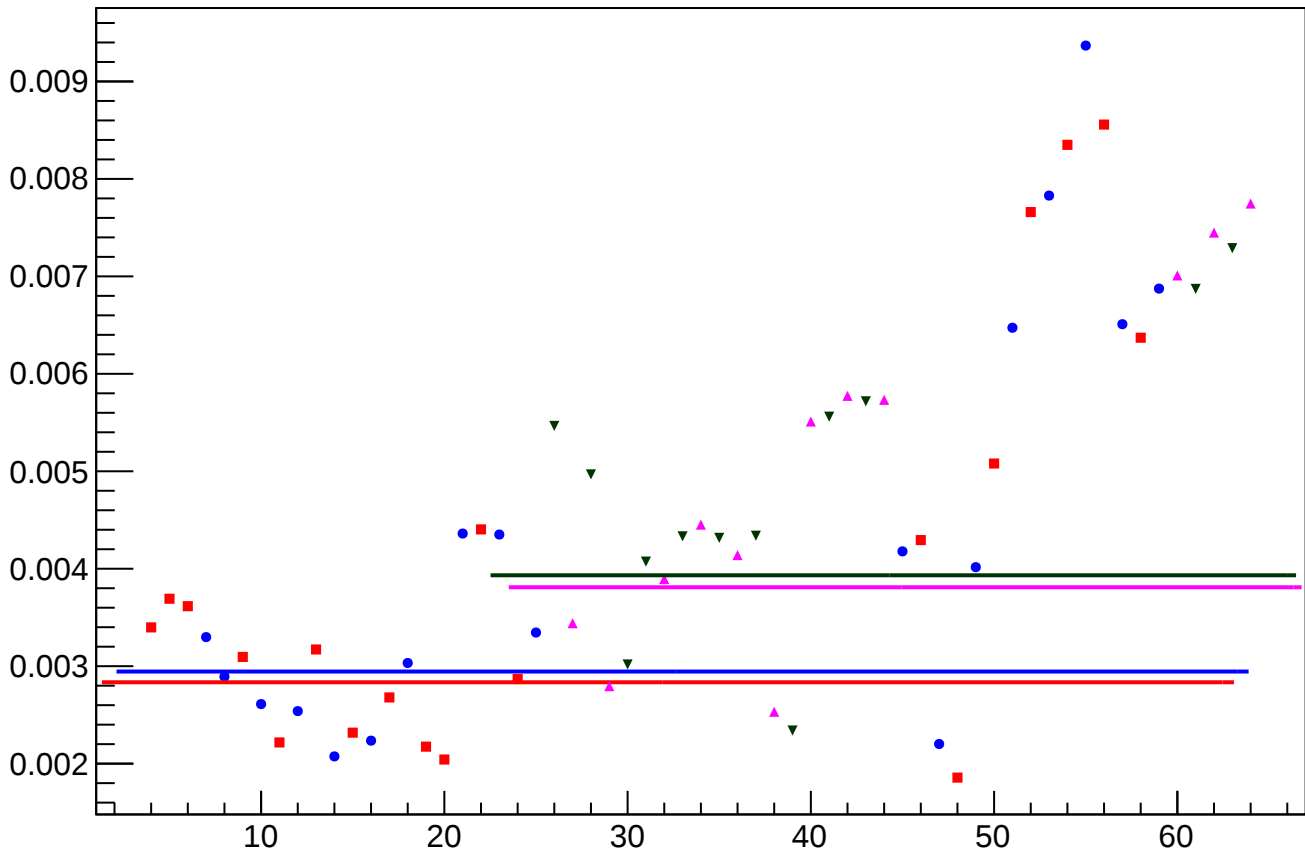
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.161+/-0.000 χ^2/NDF : 12006828.2/11

0.130+/-0.000 χ^2/NDF : 5570589490.4/29

0.137+/-0.000 χ^2/NDF : 4773656157.6/30

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 :1262771.5/11

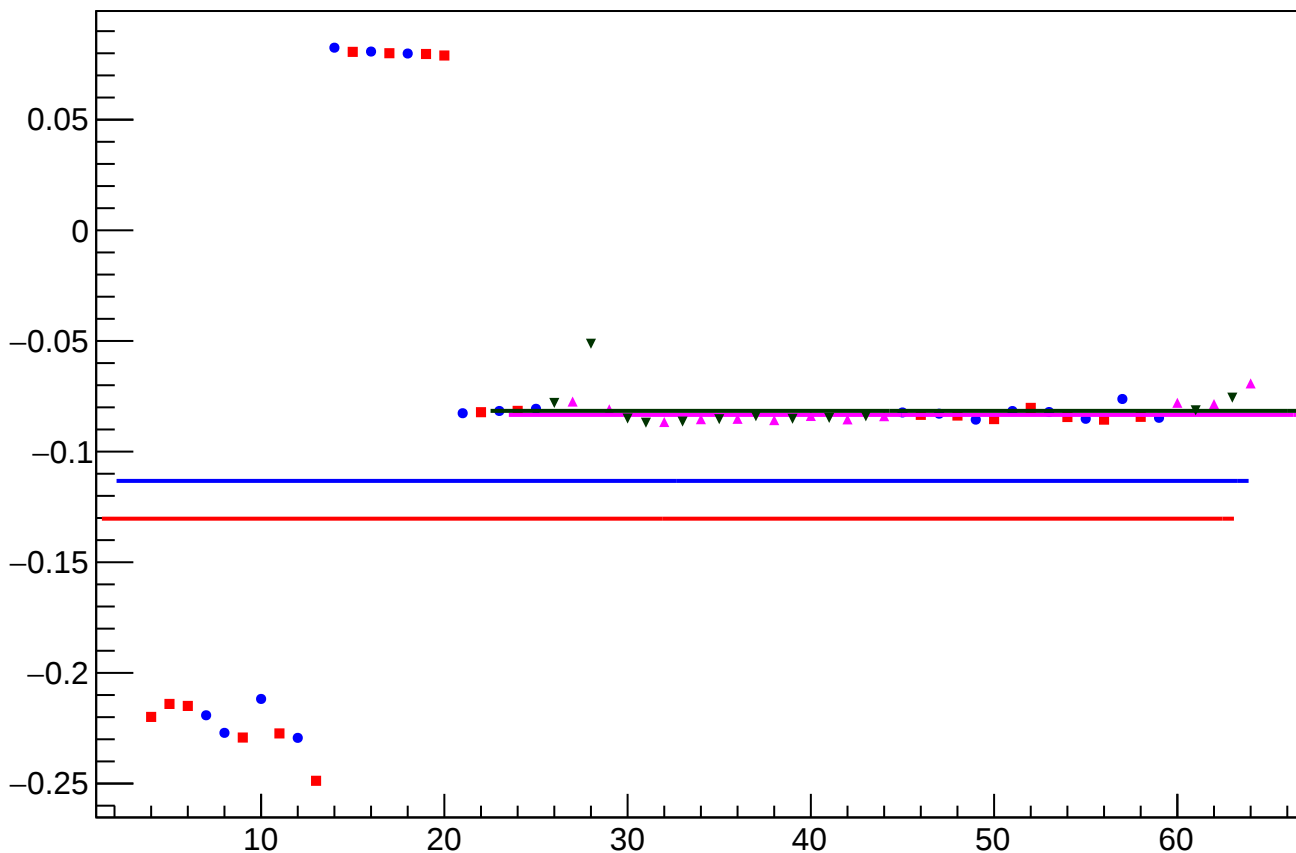
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1487186.1/11

0.003+/-0.000 χ^2/NDF : 4751728.7/29

0.003+/-0.000 χ^2/NDF : 4741240.4/30

yield_cav4cY_mean vs slug



Right In: -0.113 ± 0.000 χ^2/NDF : 9694608559.9/17

Left Out: -0.082 ± 0.000 χ^2/NDF : 36065582.0/11

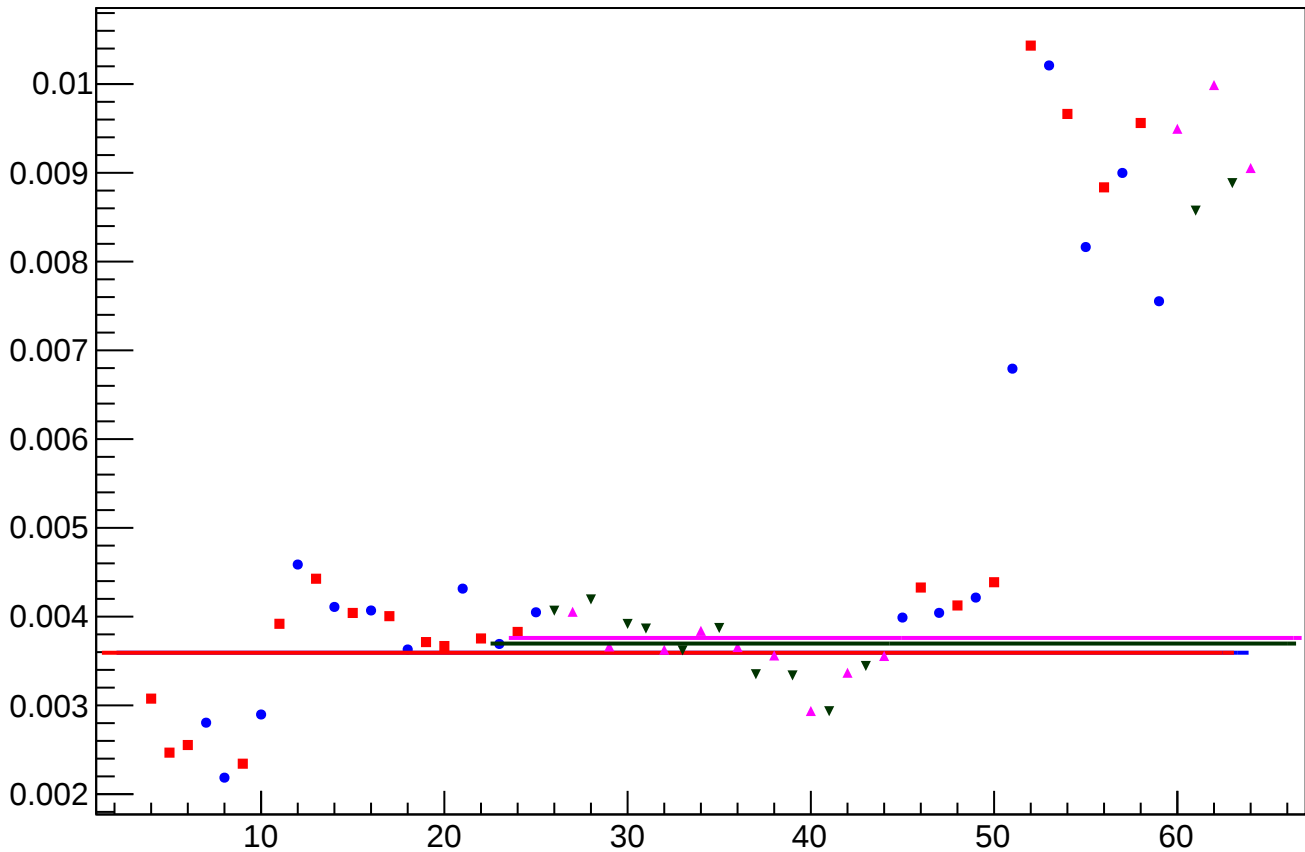
Right Out: -0.130 ± 0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.083 ± 0.000 χ^2/NDF : 4962948.9/11

-0.102 ± 0.000 χ^2/NDF : 9991221976.9/29

-0.111 ± 0.000 χ^2/NDF : 9442927261.5/30

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 :681593.1/11

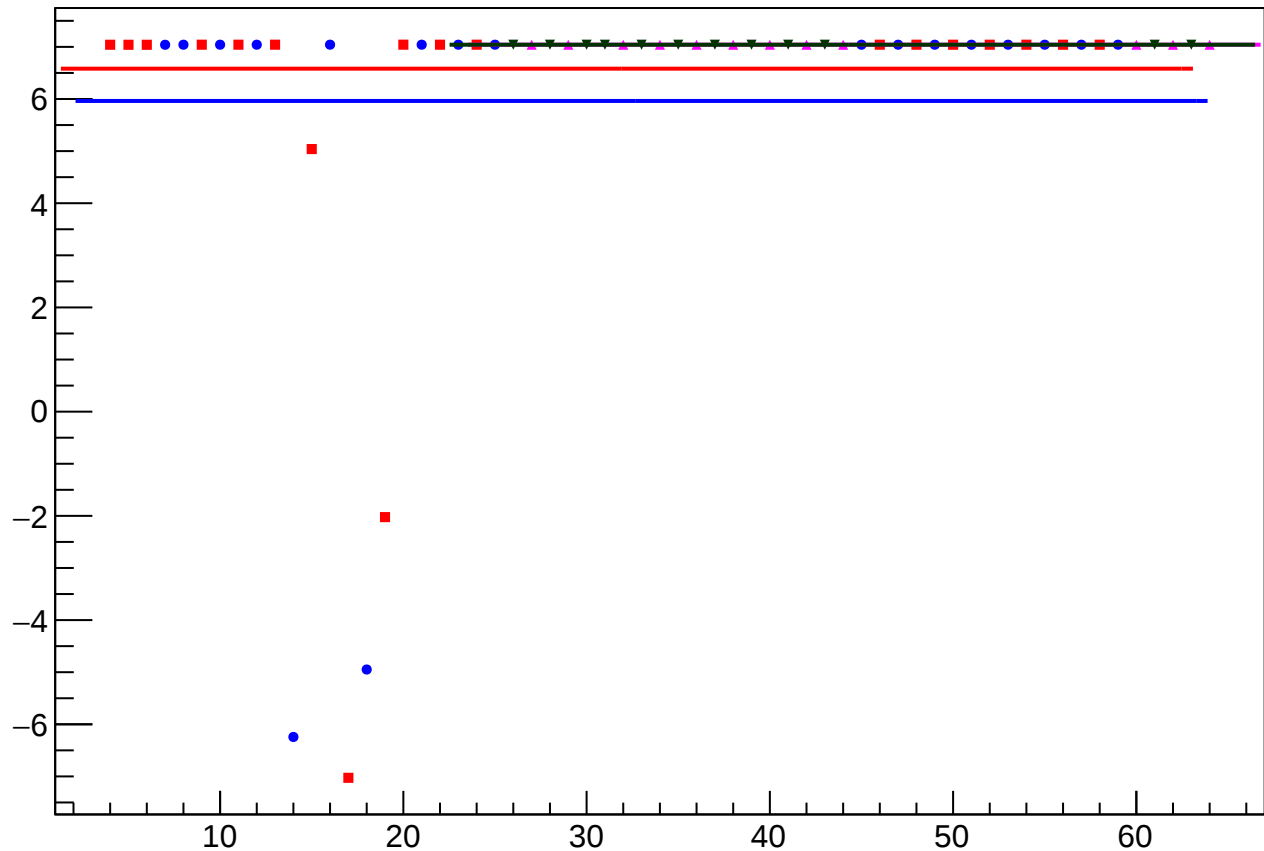
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :1027298.8/11

0.004+/-0.000 χ^2/NDF : 3323526.8/29

0.004+/-0.000 χ^2/NDF : 3267098.9/30

yield_cav4dX_mean vs slug



Right In: 5.962+/-0.000 χ^2/NDF : 4616105002600912.0/17

Left Out: 7.042+/-0.000 χ^2/NDF : 2912521.8/11

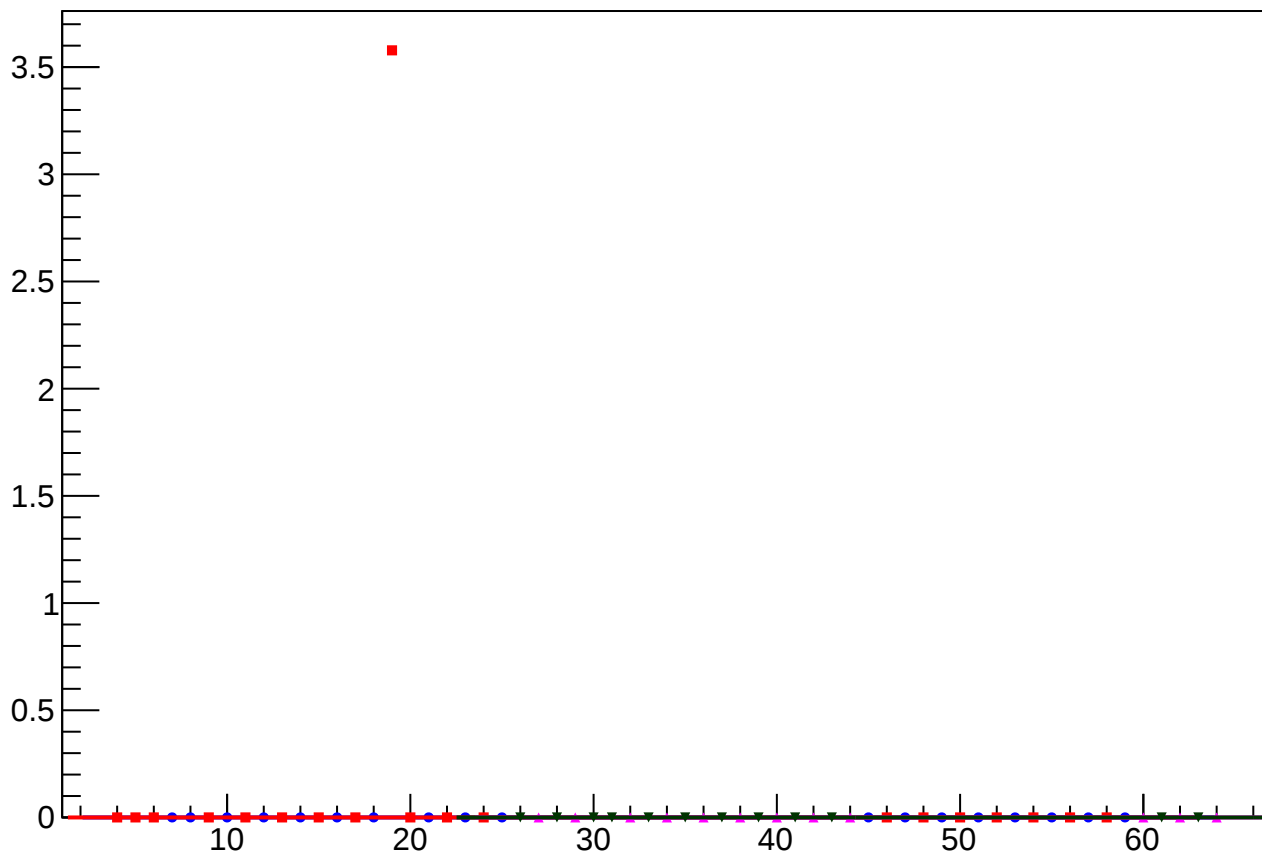
Right Out: 6.582+/-0.000 χ^2/NDF : 1856853993700647.2/18

Left In: 7.042+/-0.000 χ^2/NDF : 3542838.9/11

6.393+/-0.000 χ^2/NDF : 4782205261529733.0/2

6.800+/-0.000 χ^2/NDF : 1887455391710948.5/3

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 :1664.2/11

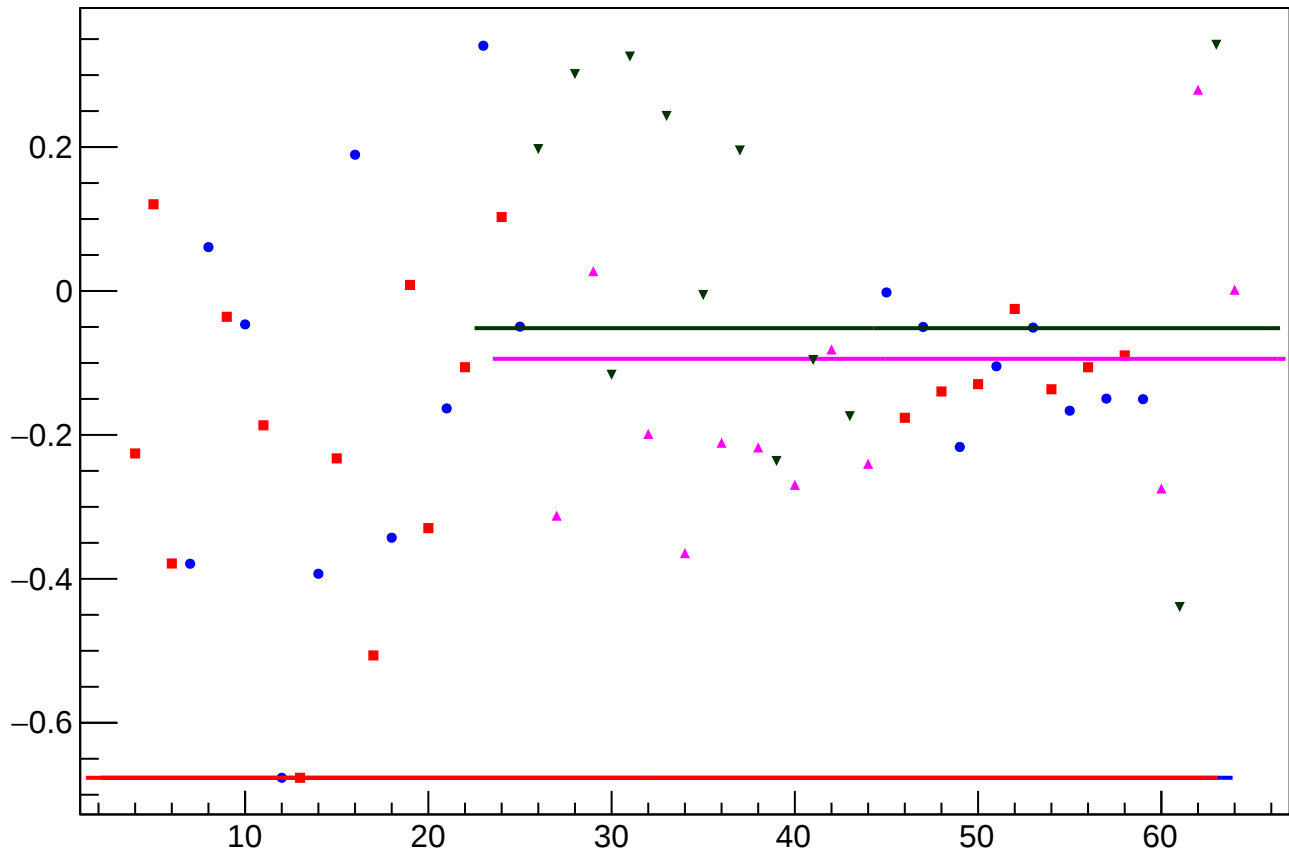
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF :1957.9/11

0.000+/-0.000 χ^2/NDF : 7340.9/29

0.000+/-0.000 χ^2/NDF : 702938.7/30

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.052+/-0.000 χ^2/NDF : 26542828.0/11

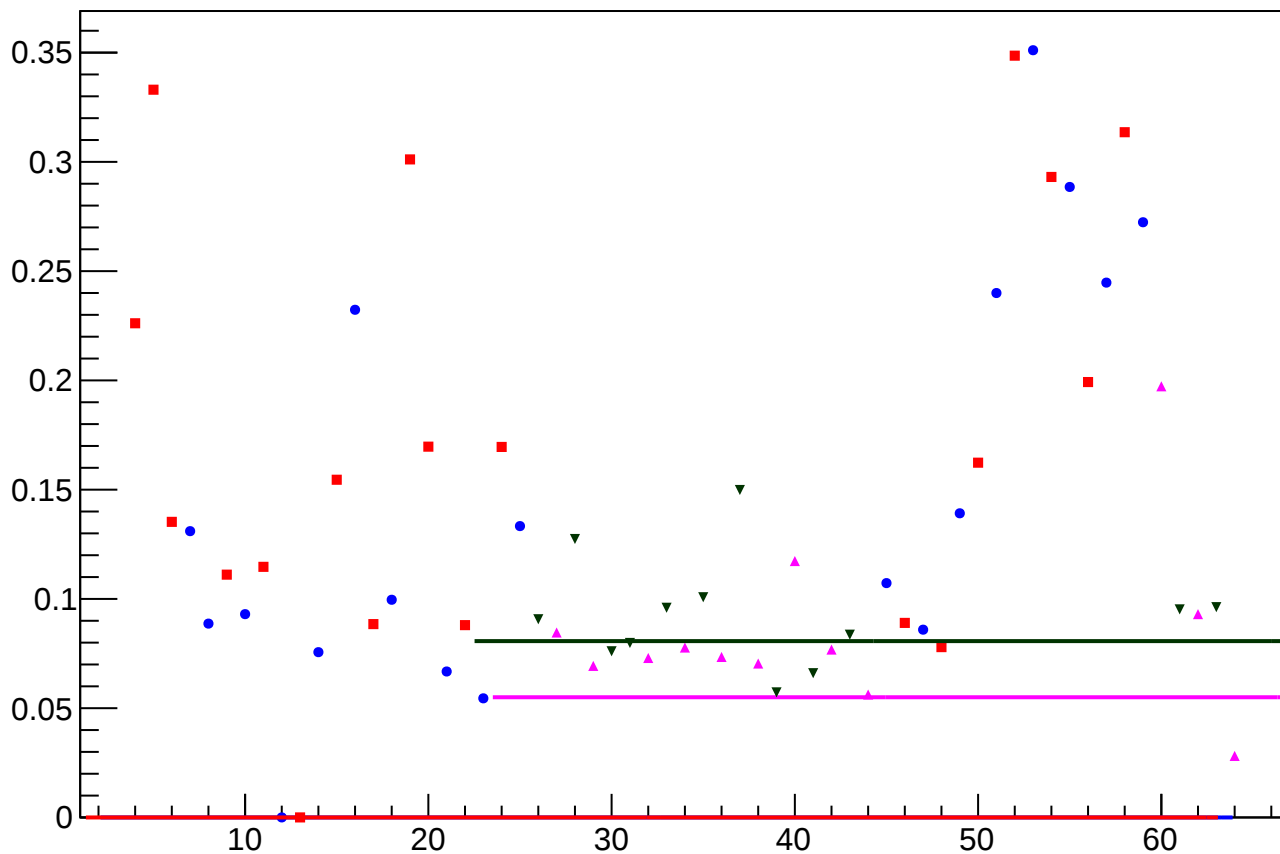
Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

Left In: -0.094+/-0.000 χ^2/NDF : 23663542.3/11

-0.676+/-0.000 χ^2/NDF : 499474028.6/29

-0.676+/-0.000 χ^2/NDF : 536265136.9/30

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.081+/-0.000 χ^2/NDF : 485496.5/11

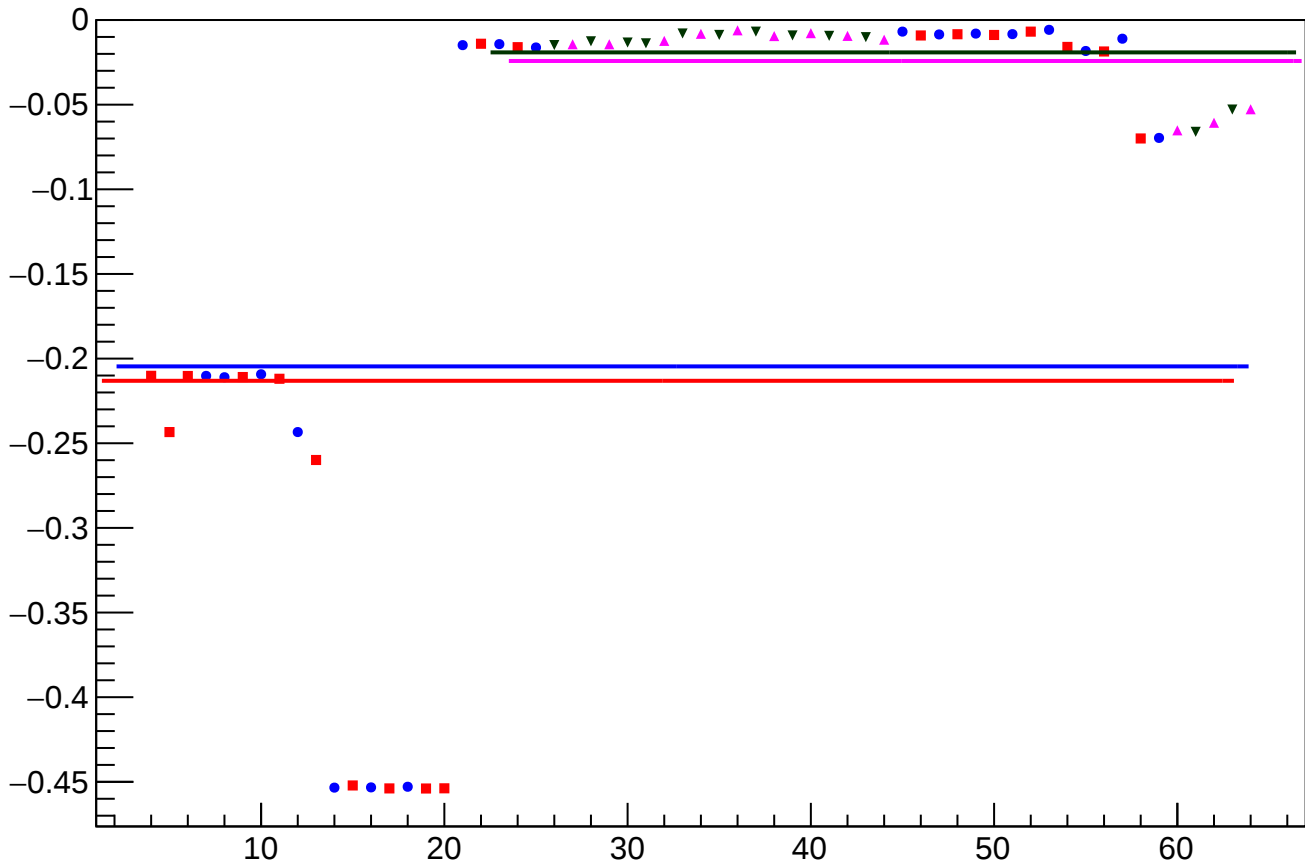
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.055+/-0.000 χ^2/NDF : 1770017.9/11

0.000+/-0.000 χ^2/NDF : 23563216.7/29

0.000+/-0.000 χ^2/NDF : 22856533.1/30

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.019+/-0.000 χ^2/NDF : 23908566.3/11

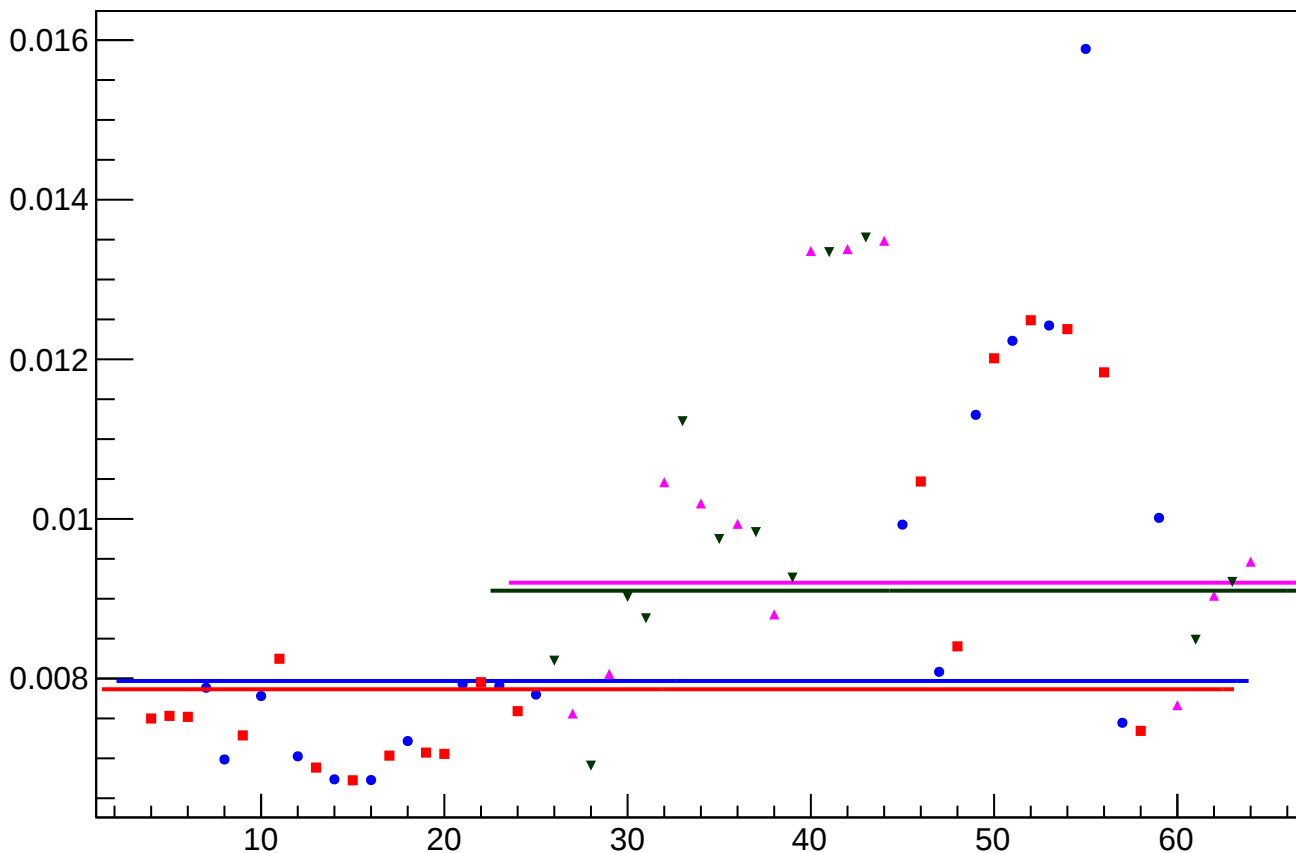
-0.149+/-0.000 χ^2/NDF : 7294382980.2/29

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.148+/-0.000 χ^2/NDF : 6066339477.9/30

Left In: -0.024+/-0.000 χ^2/NDF : 37496636.9/11

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 : 415108.5/11

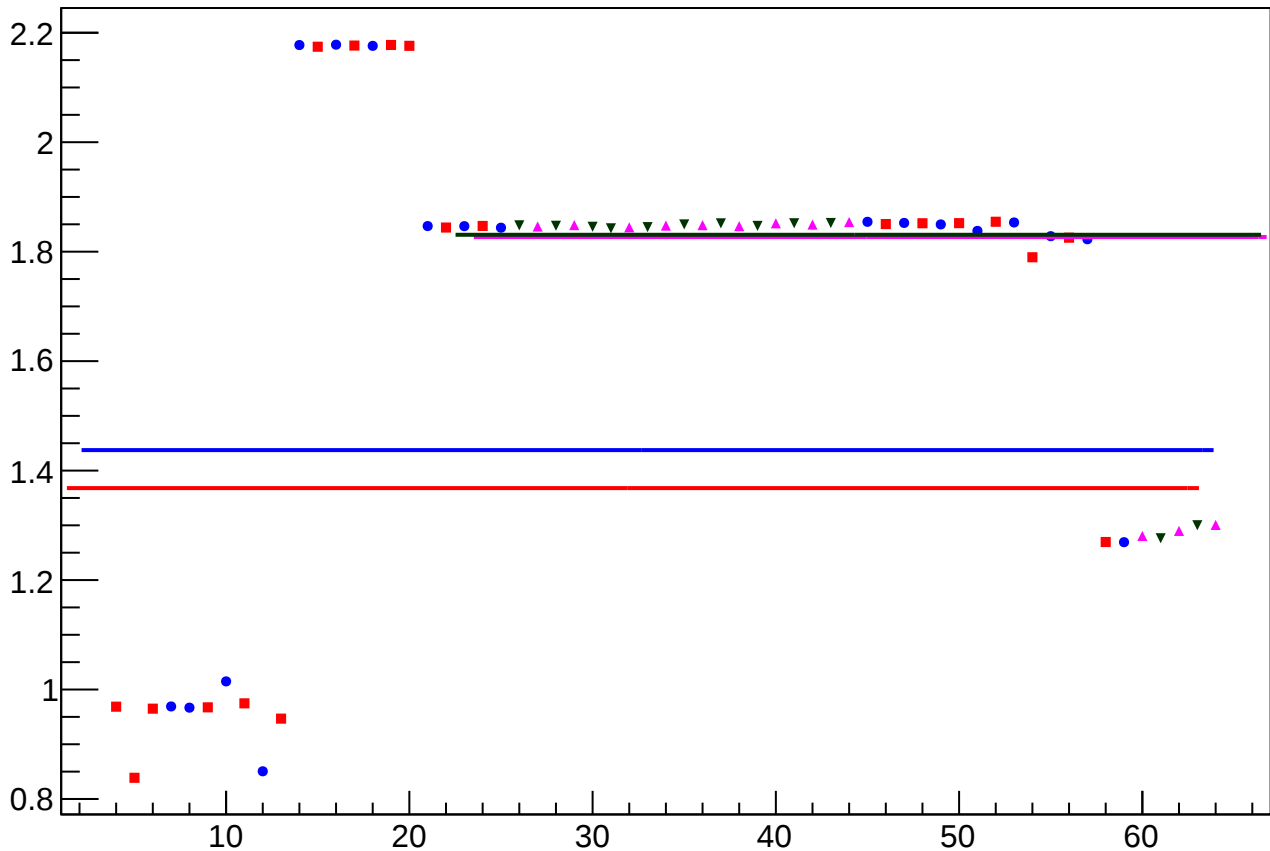
Right Out: 0.008+/-0.000 χ^2/NDF : 696189.4/18

Left In: 0.009+/-0.000 χ^2/NDF : 498384.7/11

0.008+/-0.000 χ^2/NDF : 1487583.3/29

0.008+/-0.000 χ^2/NDF : 1383087.2/30

yield_bpm4aY_mean vs slug



Right In: 1.437 ± 0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.831 ± 0.000 χ^2/NDF : 275221585.7/11

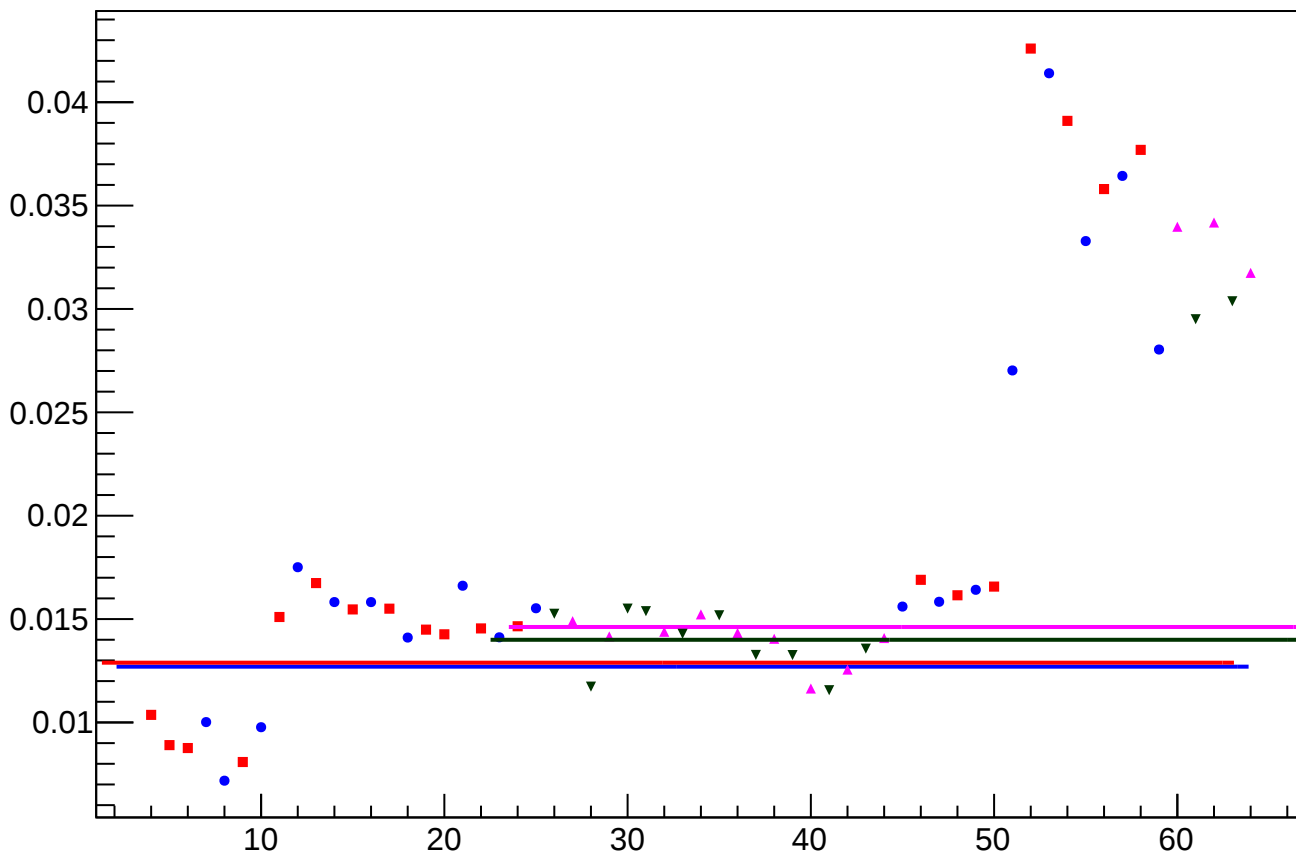
1.573 ± 0.000 χ^2/NDF : 17418938241.4/29

Right Out: 1.368 ± 0.000 χ^2/NDF : 12592500418.8/18

1.542 ± 0.000 χ^2/NDF : 16787480406.1/30

Left In: 1.827 ± 0.000 χ^2/NDF : 341543596.5/11

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 :594407.0/11

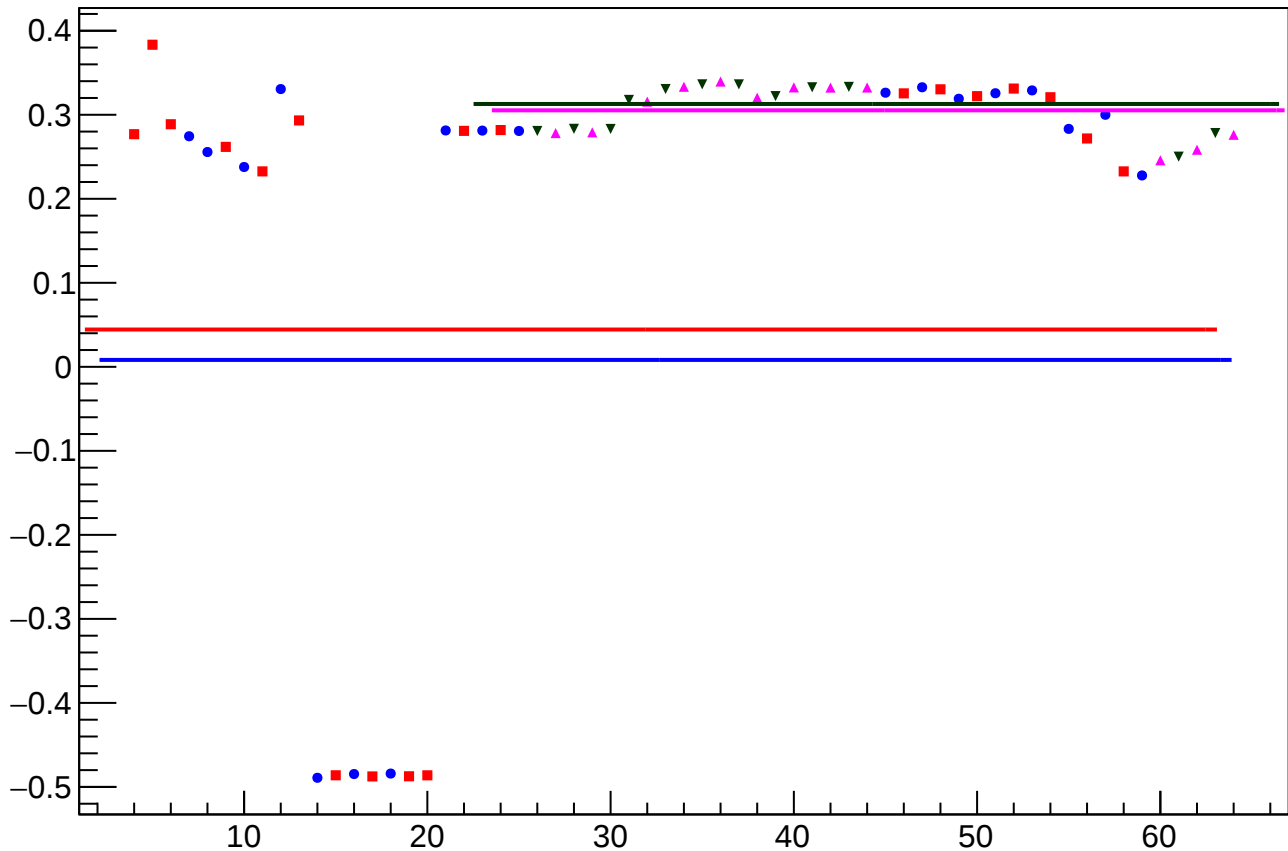
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.015+/-0.000 χ^2/NDF :885170.4/11

0.013+/-0.000 χ^2/NDF : 4192760.0/29

0.014+/-0.000 χ^2/NDF : 3809013.2/30

yield_bpm4eX_mean vs slug



Right In: 0.008 $\pm$ 0.000 χ^2/NDF : 3589016563.4/17

Left Out: 0.313 $\pm$ 0.000 χ^2/NDF : 6338189.0/11

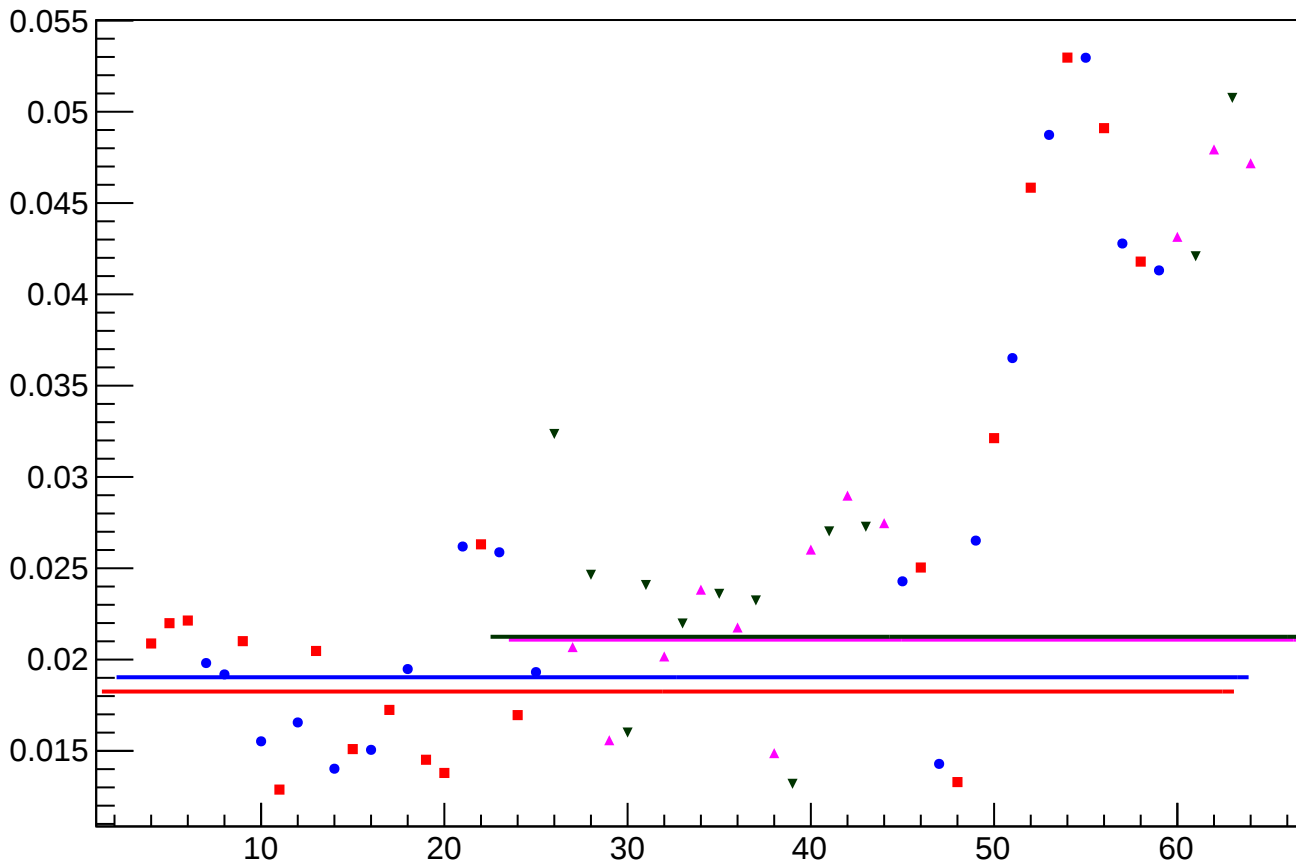
0.103 $\pm$ 0.000 χ^2/NDF : 4342579573.8/29

Right Out: 0.044 $\pm$ 0.000 χ^2/NDF : 3156873410.8/18

0.136 $\pm$ 0.000 χ^2/NDF : 3761631850.5/30

Left In: 0.305 $\pm$ 0.000 χ^2/NDF : 9002979.9/11

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.021+/-0.000 χ^2/NDF :1278148.5/11

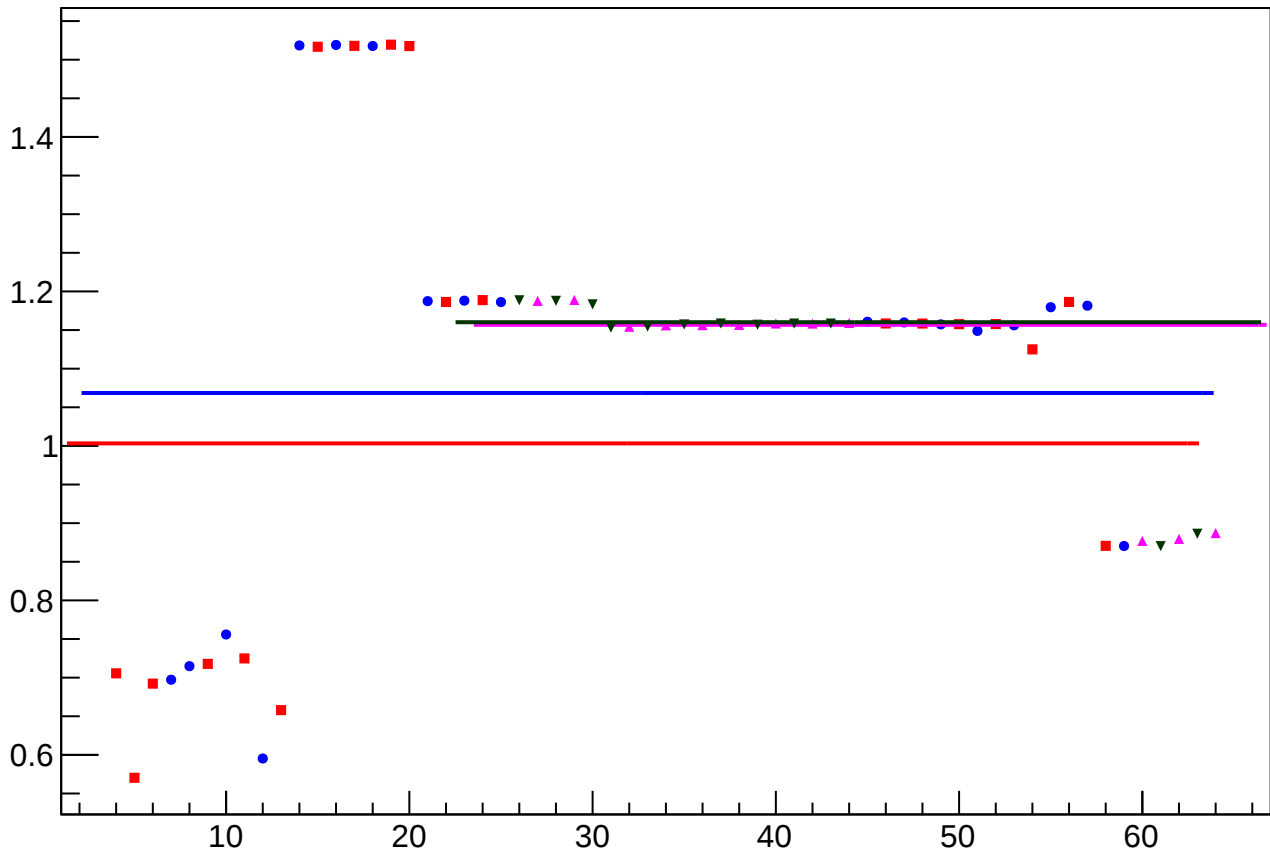
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.021+/-0.000 χ^2/NDF :1378687.3/11

0.020+/-0.000 χ^2/NDF : 3952063.3/29

0.019+/-0.000 χ^2/NDF : 4005447.1/30

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.160+/-0.000 χ^2/NDF :111734370.1/11

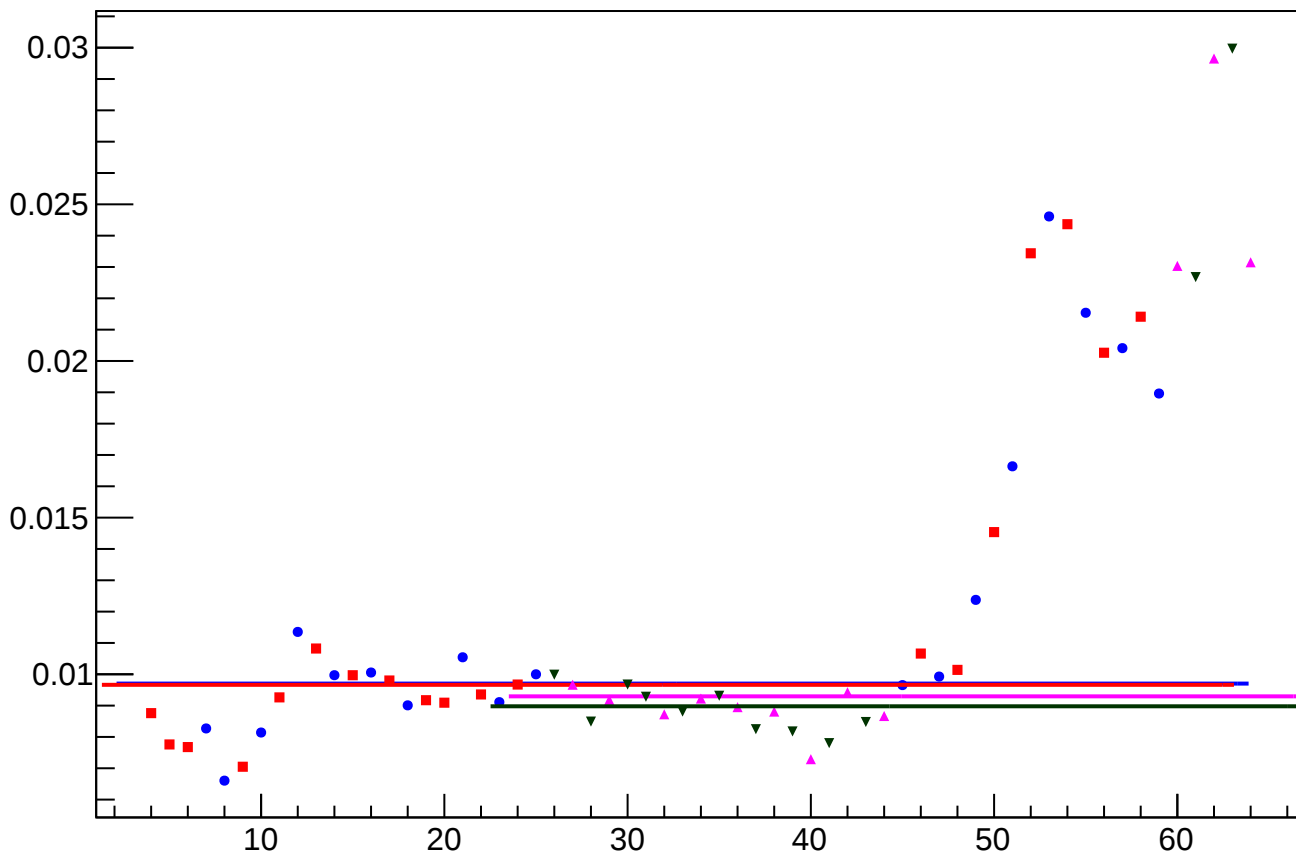
1.105+/-0.000 χ^2/NDF : 11004634546.6/29

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.070+/-0.000 χ^2/NDF : 11411169709.5/30

Left In: 1.157+/-0.000 χ^2/NDF :175254480.0/11

yield_bpm4eY_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1905622.6/17

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 786142.5/11

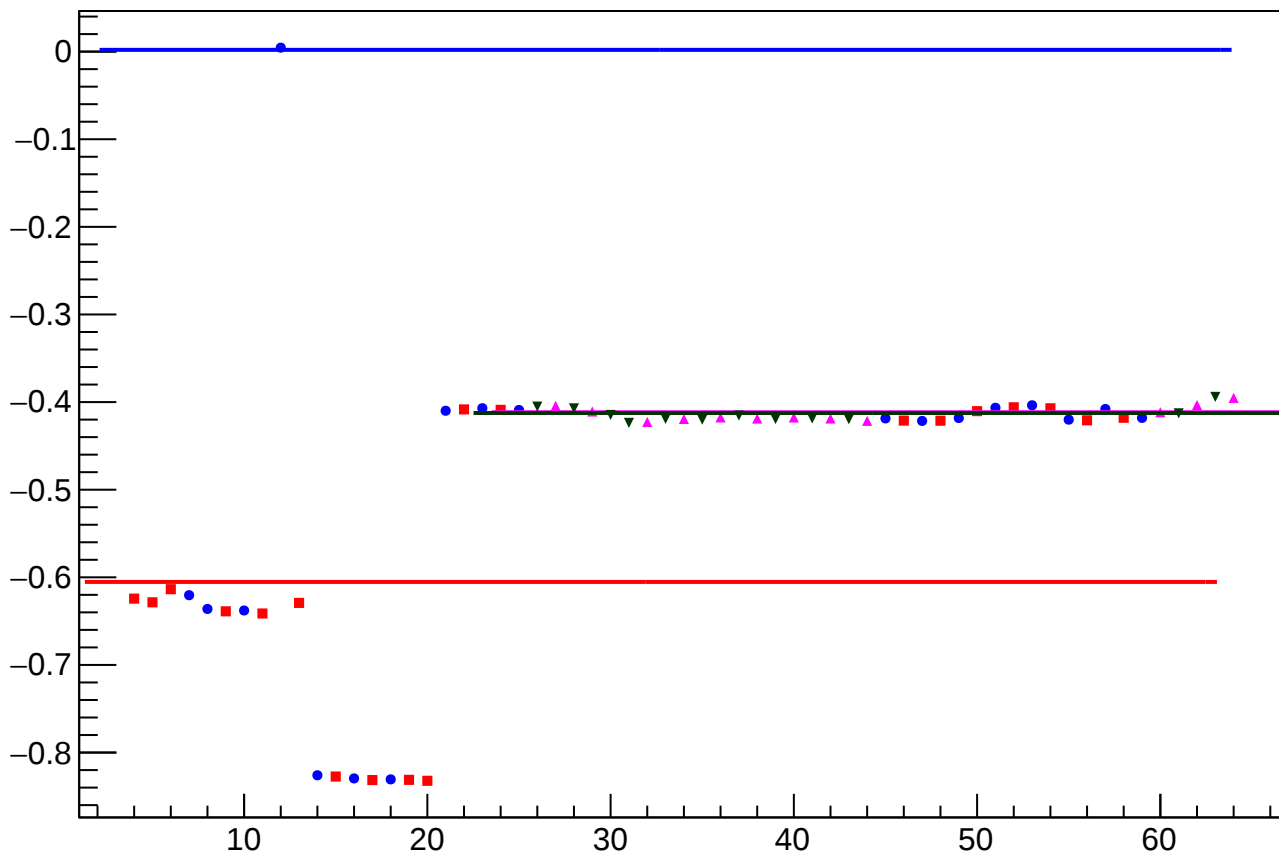
0.009 $\pm$ 0.000 χ^2 /NDF: 2734889.3/29

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1597012.3/18

0.010 $\pm$ 0.000 χ^2 /NDF: 2697768.6/30

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 1089911.6/11

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.412 $\pm$ 0.000 χ^2 /NDF: 4639272.5/11

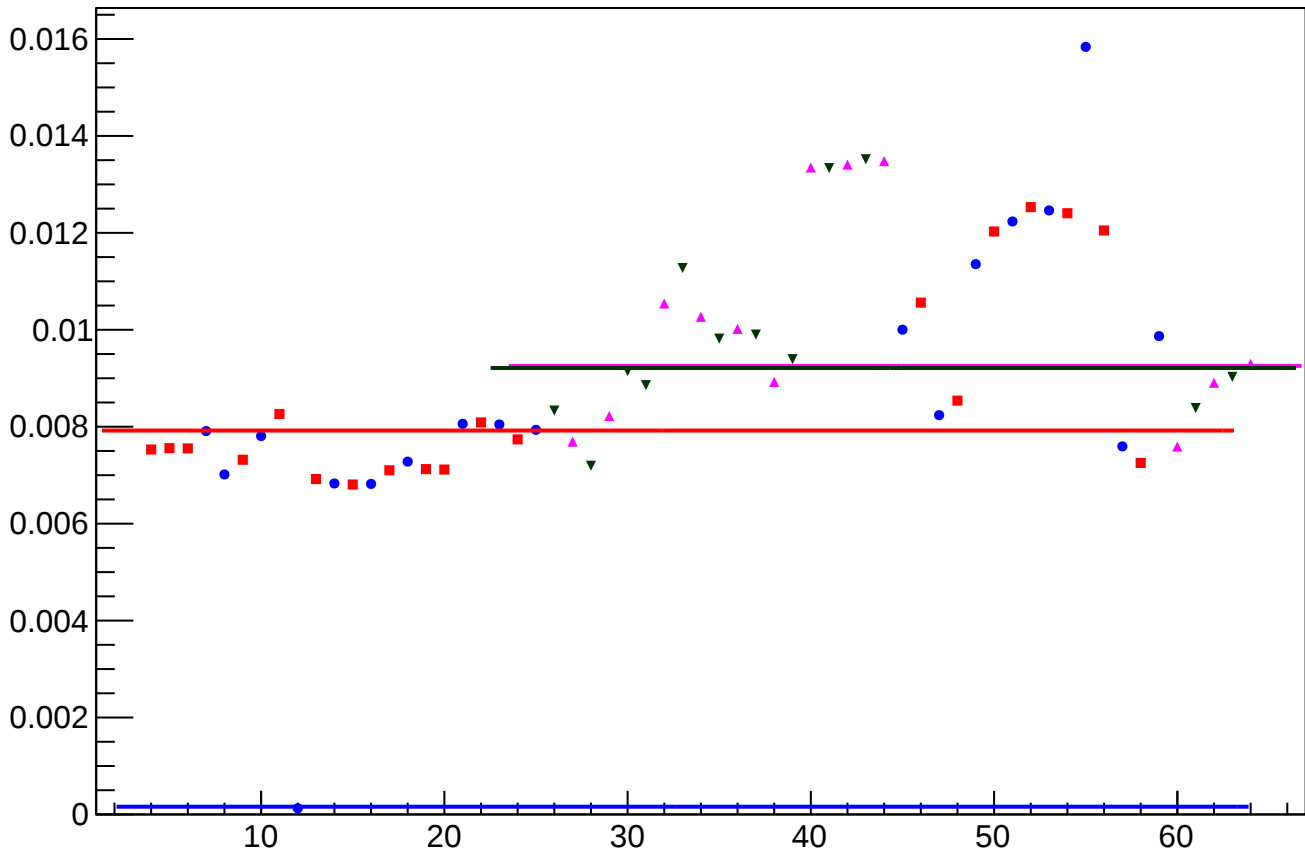
Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

Left In: -0.412 $\pm$ 0.000 χ^2 /NDF: 5097896.3/11

0.001 $\pm$ 0.000 χ^2 /NDF: 71855716072.8/29

-0.538 $\pm$ 0.000 χ^2 /NDF: 5785741297.2/30

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 : 375271.4/11

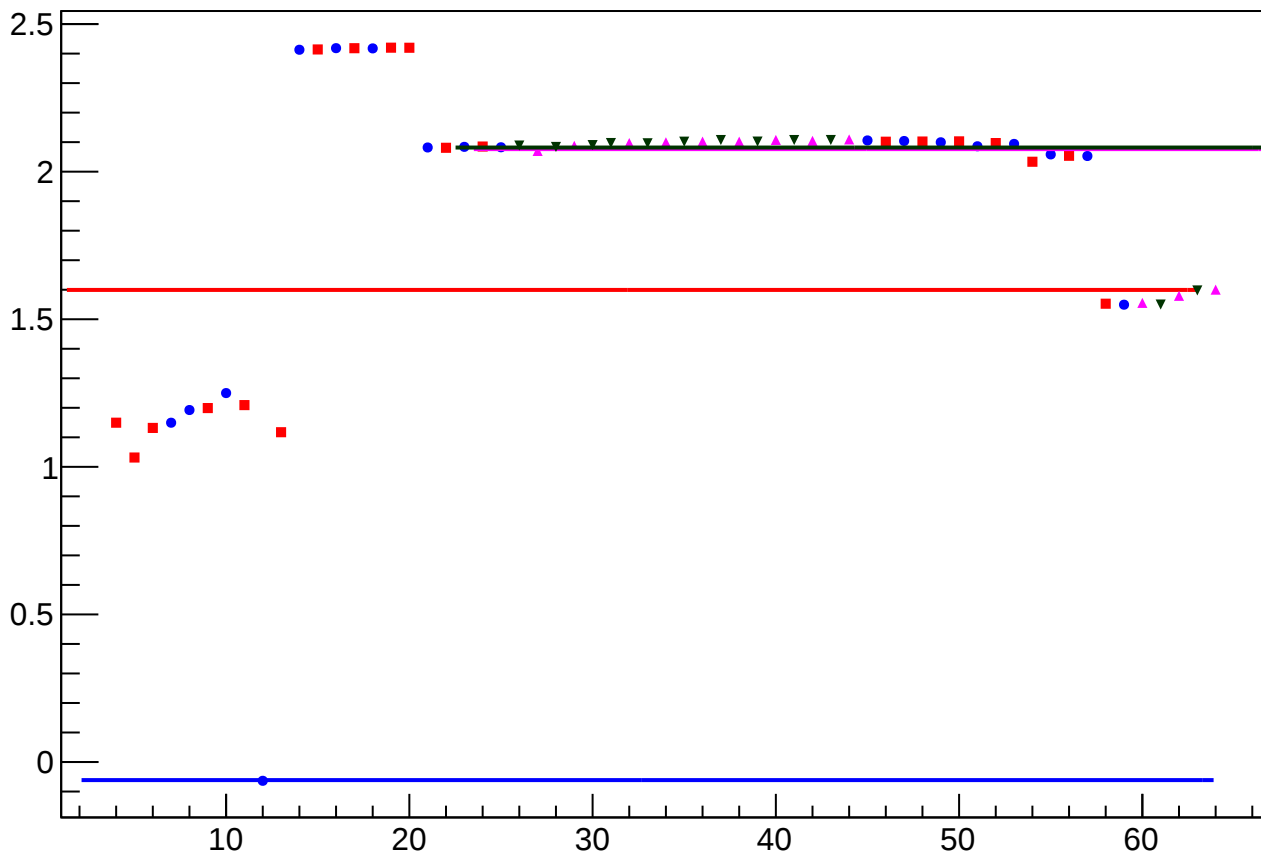
0.000+/-0.000 χ^2/NDF : 32183440.3/29

Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

0.008+/-0.000 χ^2/NDF : 1367588.3/30

Left In: 0.009+/-0.000 χ^2/NDF : 484194.9/11

yield_bpm4acY_mean vs slug



Right In: -0.061 ± 0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.082 ± 0.000 χ^2/NDF : 236279248.6/11

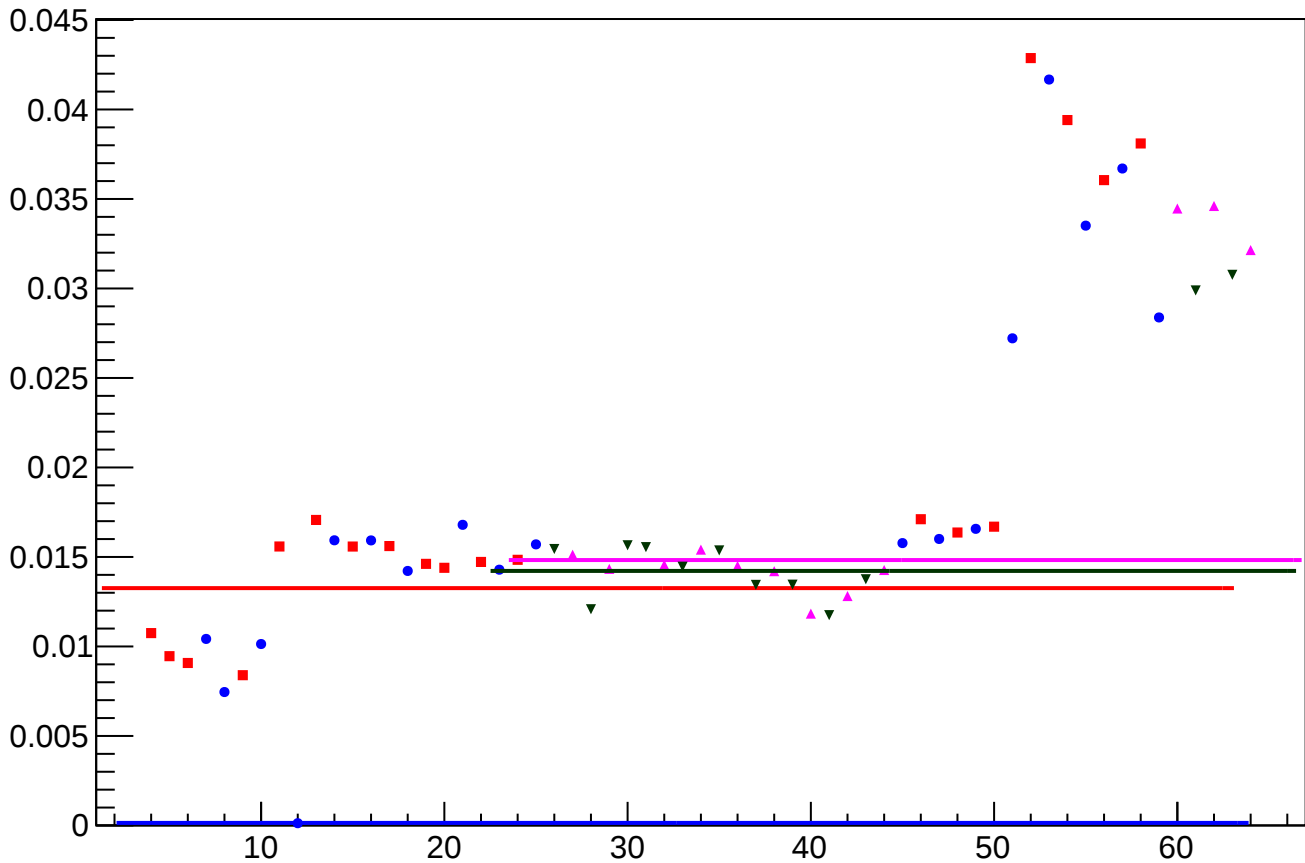
Right Out: 1.599 ± 0.000 χ^2/NDF : 13096029057.2/18

Left In: 2.076 ± 0.000 χ^2/NDF : 289560366.4/11

-0.060 ± 0.000 χ^2/NDF : 298671918029.4/29

1.783 ± 0.000 χ^2/NDF : 17399796110.9/30

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 :583112.7/11

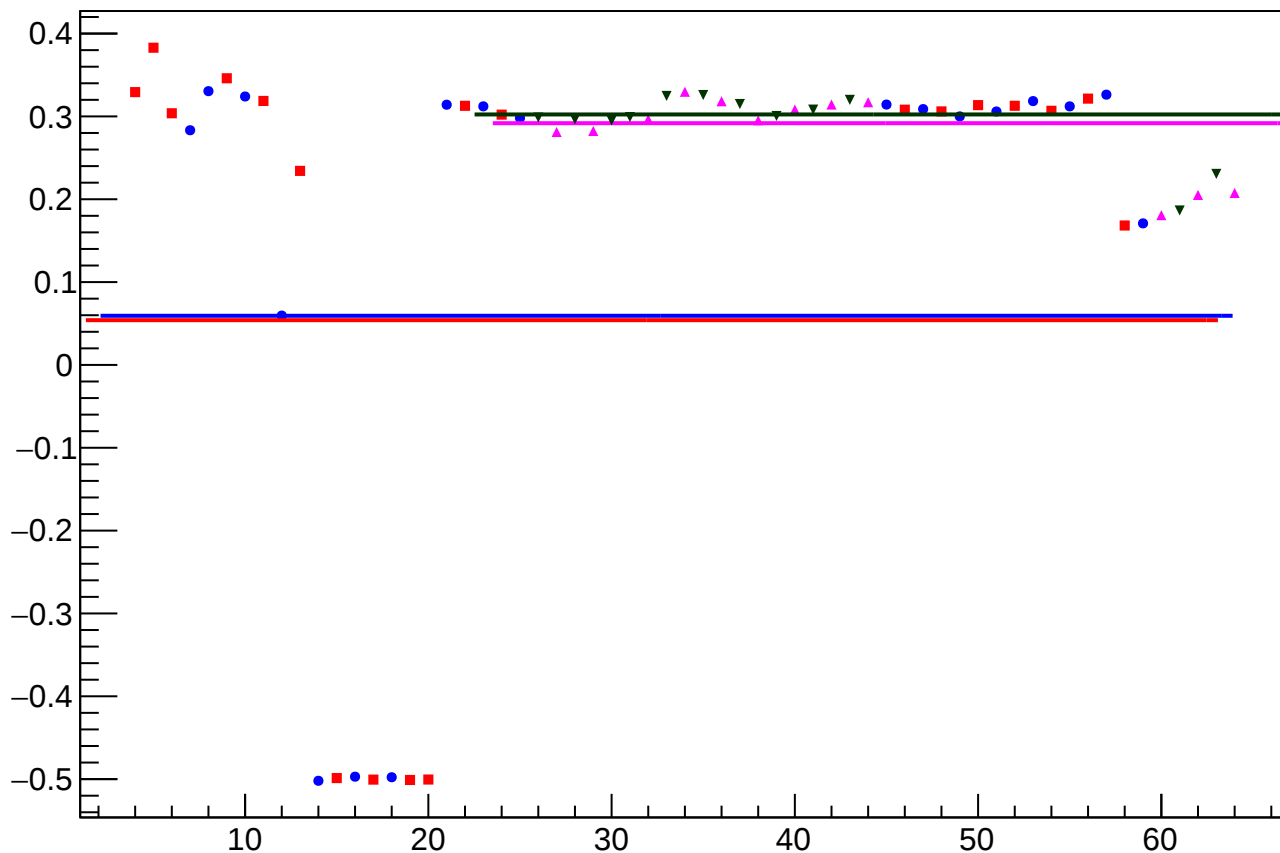
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.015+/-0.000 χ^2/NDF :881282.0/11

0.000+/-0.000 χ^2/NDF : 31214045.0/29

0.014+/-0.000 χ^2/NDF : 3658181.9/30

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.302+/-0.000 χ^2/NDF : 5954014.0/11

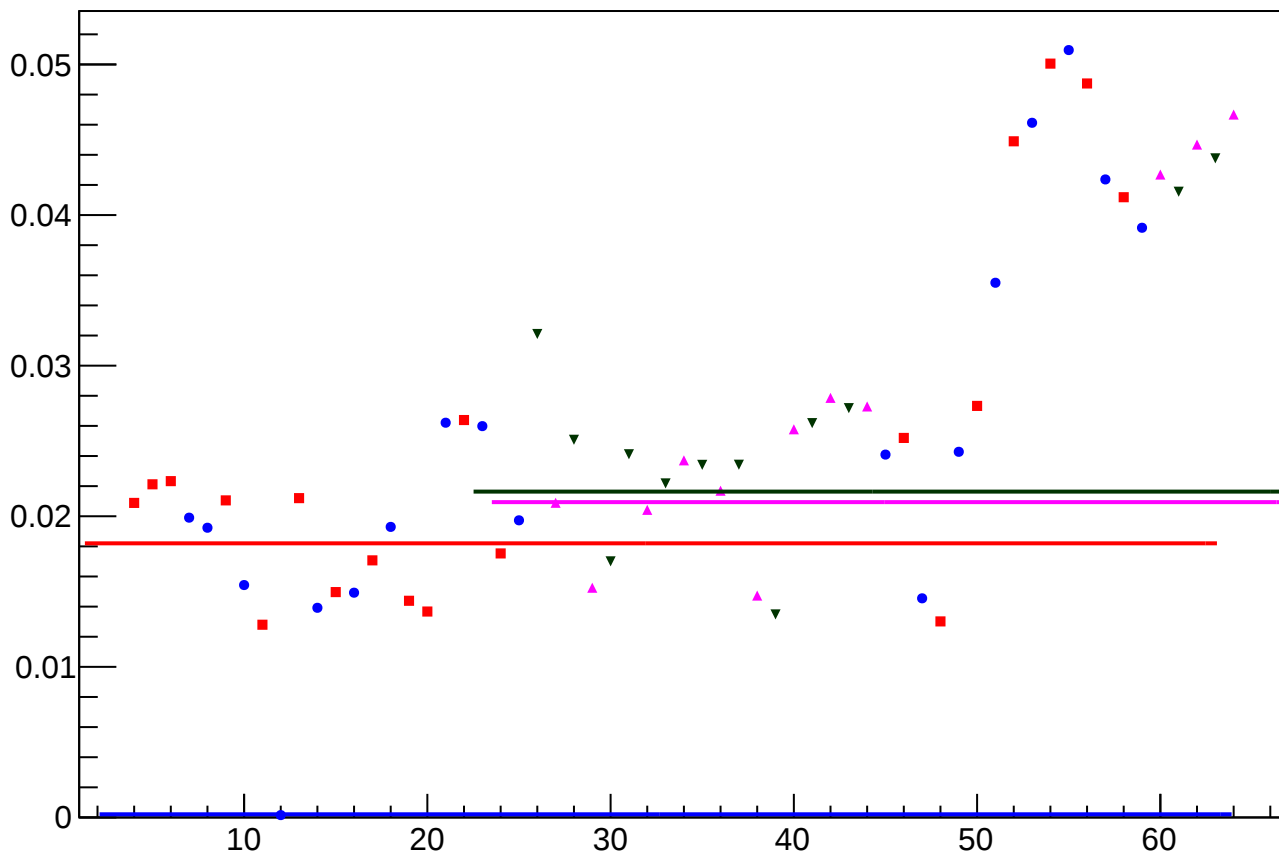
Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

Left In: 0.292+/-0.000 χ^2/NDF : 10154601.1/11

0.060+/-0.000 χ^2/NDF : 4573267625.4/29

0.138+/-0.000 χ^2/NDF : 4023328475.1/30

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.022+/-0.000 χ^2/NDF :1107444.8/11

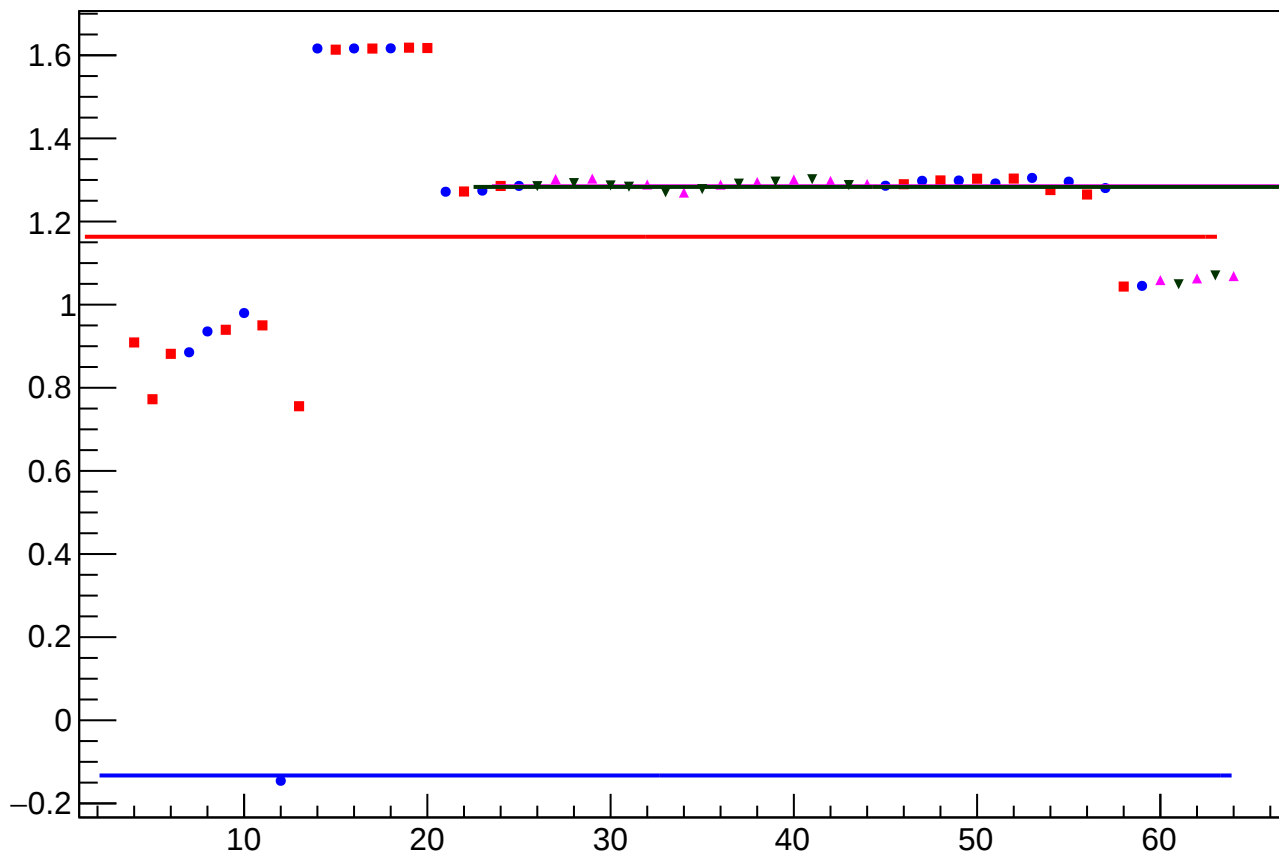
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.021+/-0.000 χ^2/NDF :1362952.5/11

0.000+/-0.000 χ^2/NDF : 31405636.9/29

0.019+/-0.000 χ^2/NDF : 3918652.0/30

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.283+/-0.000 χ^2/NDF : 63066859.6/11

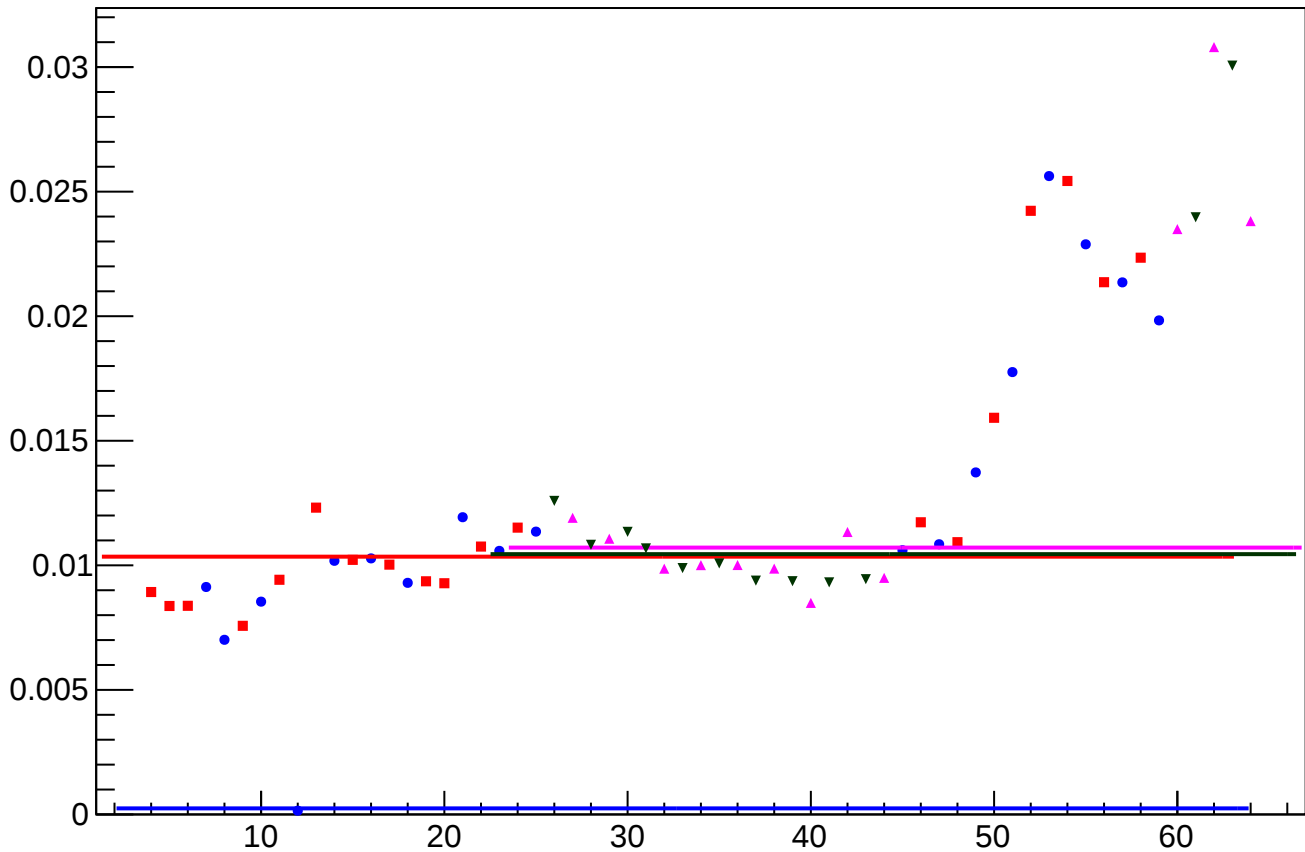
-0.125+/-0.000 χ^2/NDF : 271651152180.3/29

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.213+/-0.000 χ^2/NDF : 7834863795.9/30

Left In: 1.285+/-0.000 χ^2/NDF : 105485980.1/11

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19204976.4/17

Left Out: 0.010+/-0.000 χ^2/NDF : 714145.8/11

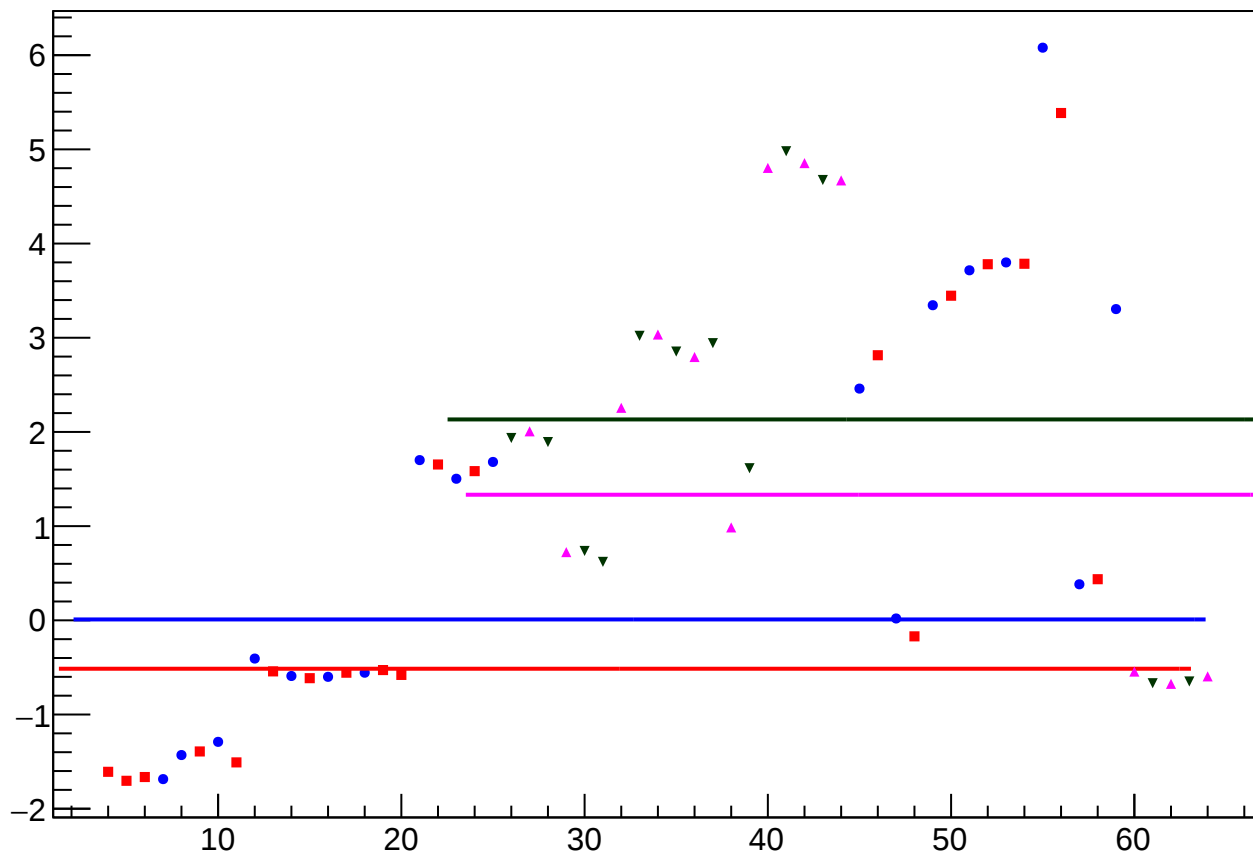
0.000+/-0.000 χ^2/NDF : 30541883.7/29

Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

0.010+/-0.000 χ^2/NDF : 2632468.5/30

Left In: 0.011+/-0.000 χ^2/NDF : 1004575.4/11

yield_bpm1X_mean vs slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 18135045883.2/17

Left Out: 2.133 $\pm$ 0.000 χ^2 /NDF:1635014448.0/11

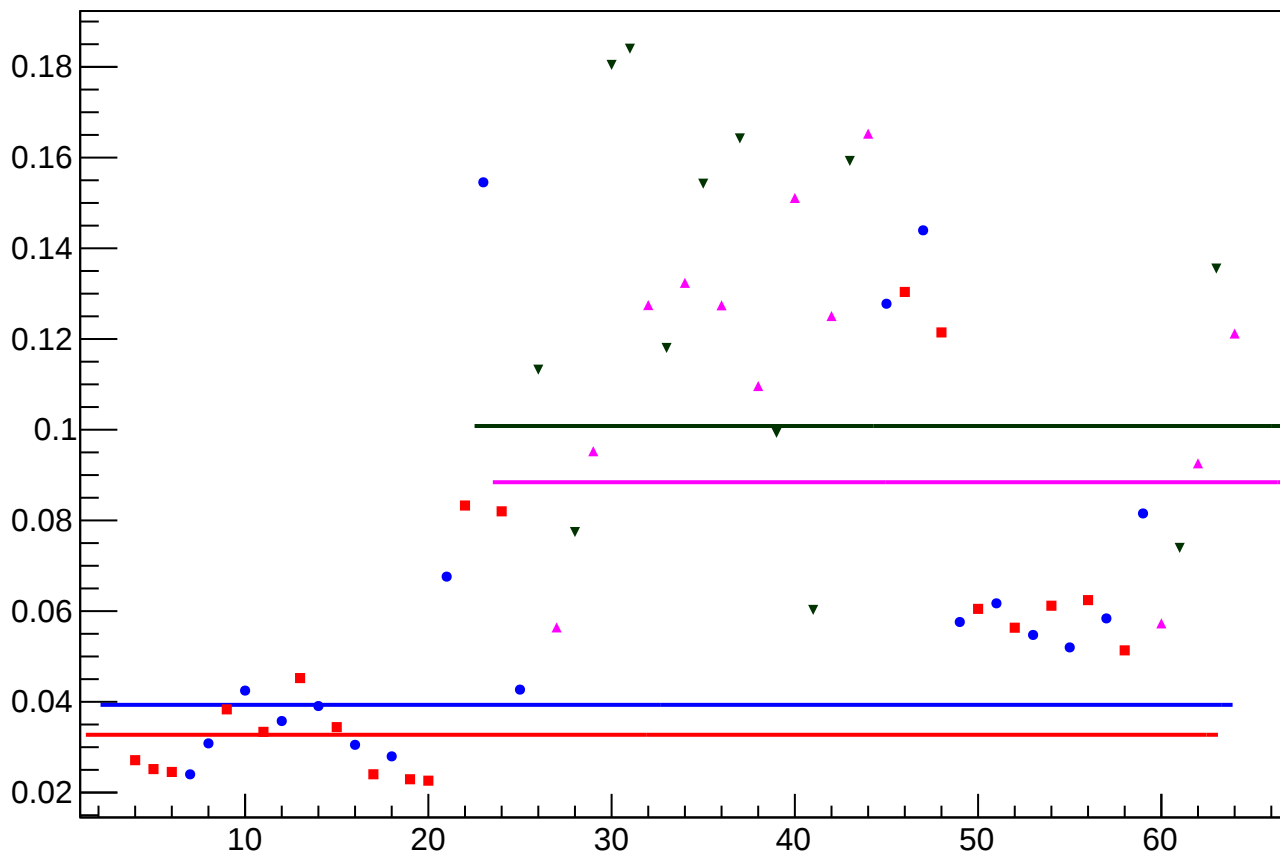
Right Out: -0.514 $\pm$ 0.000 χ^2 /NDF: 14474436949.2/18

Left In: 1.333 $\pm$ 0.000 χ^2 /NDF:1804754023.9/11

0.181 $\pm$ 0.000 χ^2 /NDF: 21511439798.3/29

-0.342 $\pm$ 0.000 χ^2 /NDF: 18221995860.9/30

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.101+/-0.000 χ^2/NDF :1233273.0/11

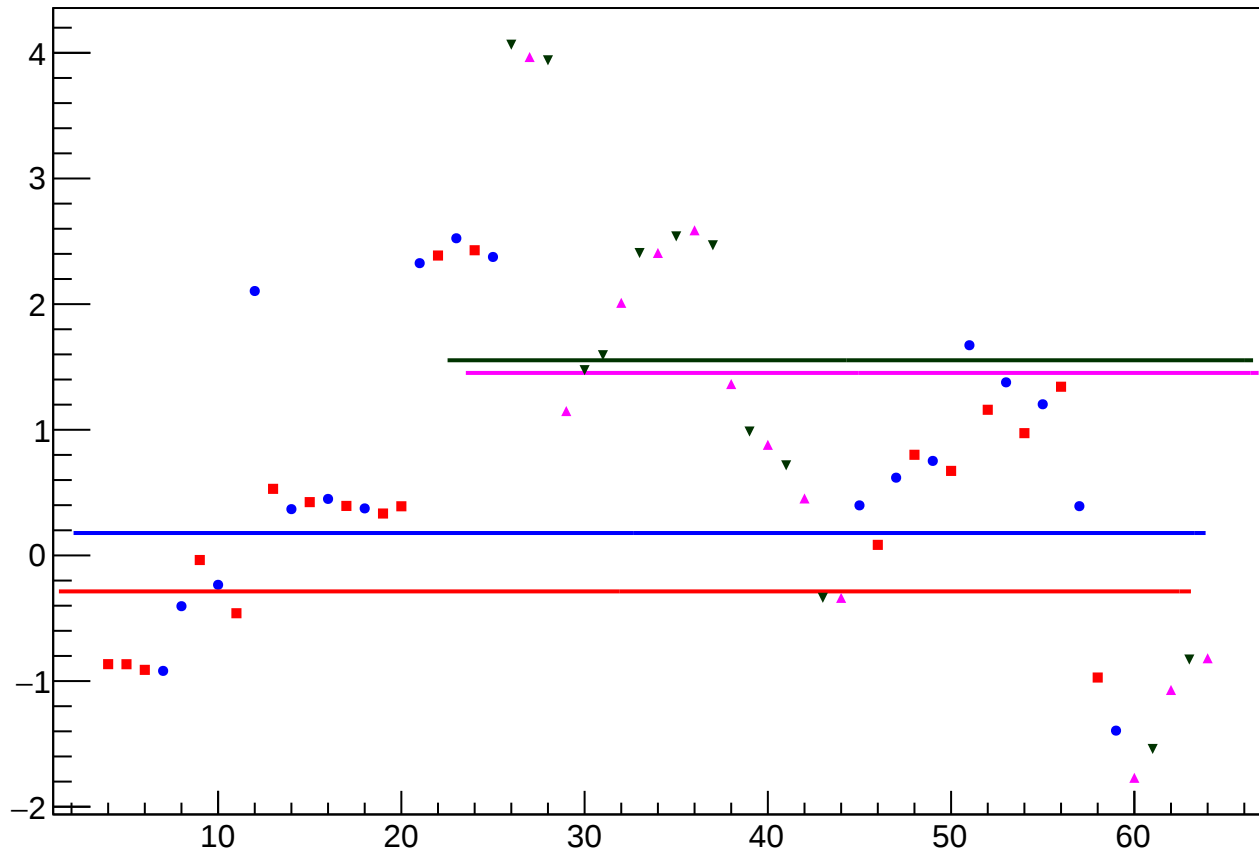
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.088+/-0.000 χ^2/NDF :1452490.9/11

0.044+/-0.000 χ^2/NDF : 7231505.6/29

0.038+/-0.000 χ^2/NDF : 7821947.9/30

yield_bpm1Y_mean vs slug



Right In: 0.178+/-0.000 χ^2/NDF : 9482704623.3/17

Left Out: 1.553+/-0.000 χ^2/NDF : 3185910822.3/11

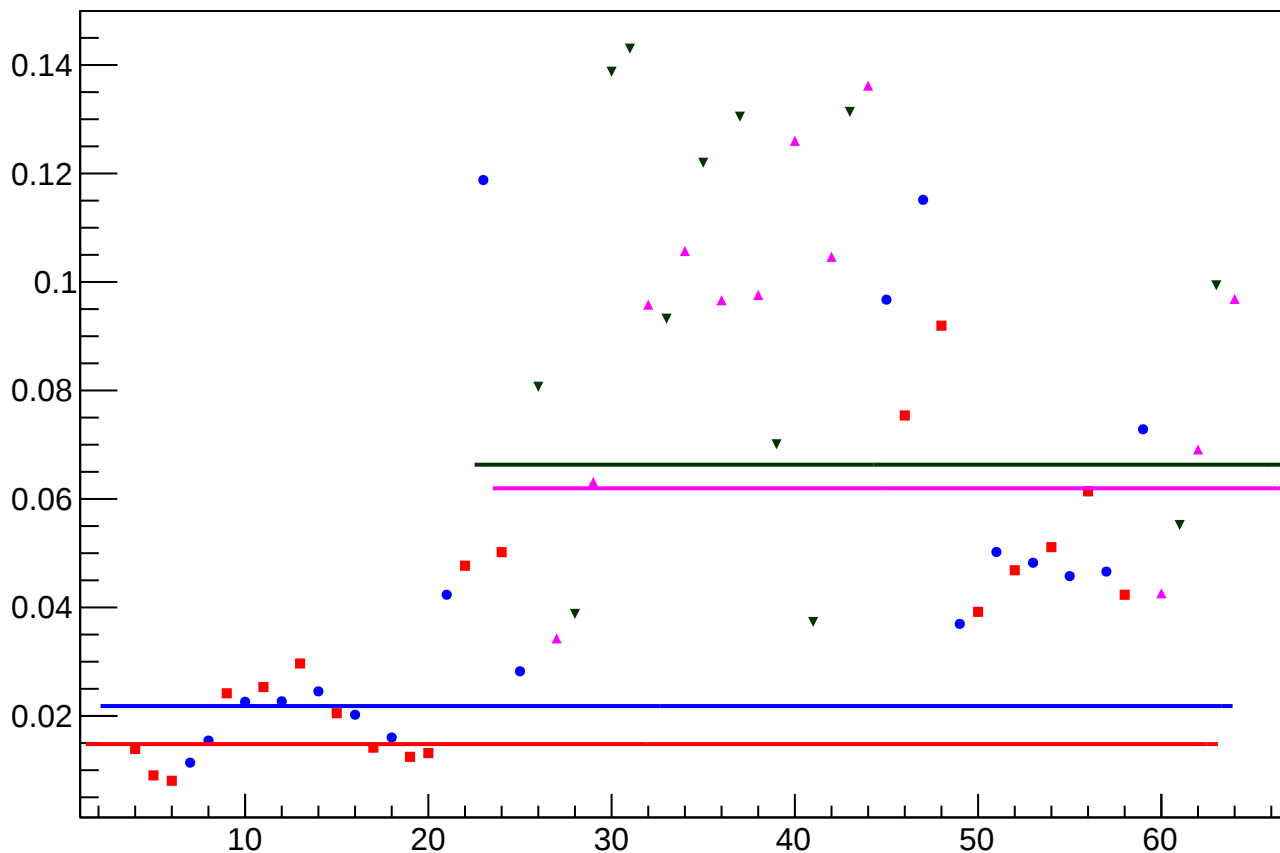
0.265+/-0.000 χ^2/NDF : 14142890591.8/29

Right Out: -0.286+/-0.000 χ^2/NDF : 10734675455.5/18

-0.200+/-0.000 χ^2/NDF : 19726060379.8/30

Left In: 1.452+/-0.000 χ^2/NDF : 5698832453.5/11

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.066+/-0.000 χ^2/NDF :1900649.9/11

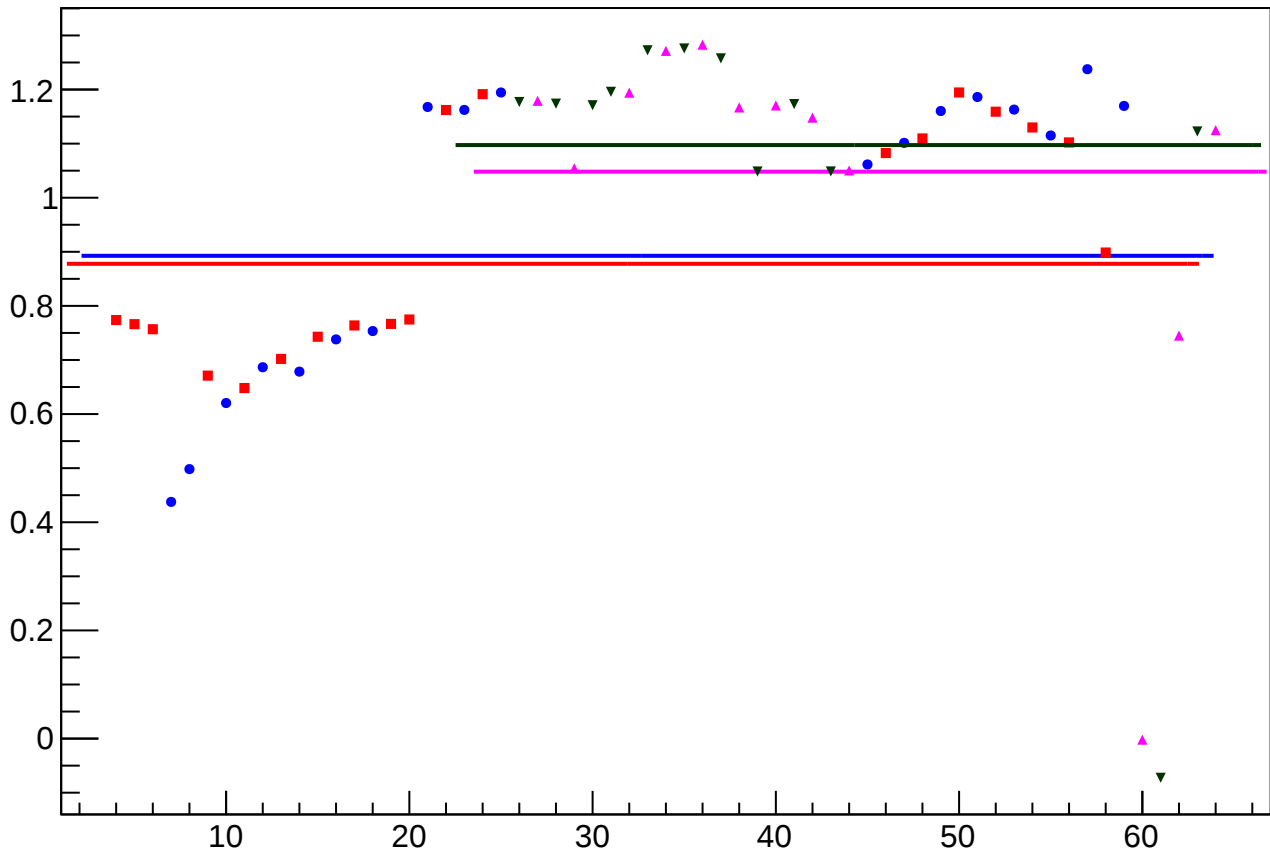
Right Out: 0.015+/-0.000 χ^2/NDF : 4938559.5/18

Left In: 0.062+/-0.000 χ^2/NDF :2096072.0/11

0.025+/-0.000 χ^2/NDF : 9659018.0/29

0.017+/-0.000 χ^2/NDF : 11878263.9/30

yield_bpm11X_mean vs slug



Right In: 0.893 ± 0.000 $\chi^2/\text{NDF}: 1629156385.0/17$

Left Out: 1.097 ± 0.000 $\chi^2/\text{NDF}: 1061989725.5/11$

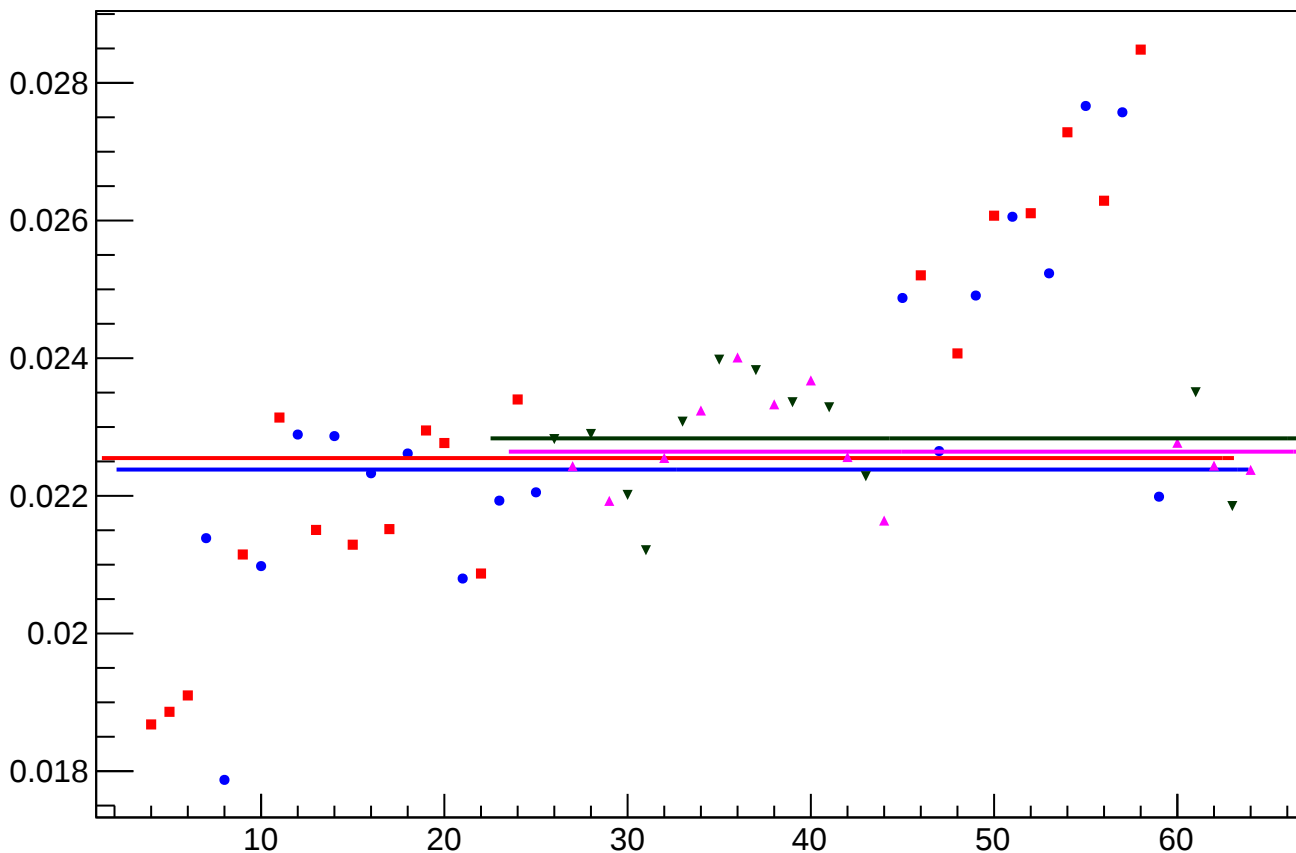
Right Out: 0.878 ± 0.000 $\chi^2/\text{NDF}: 761495098.5/18$

Left In: 1.048 ± 0.000 $\chi^2/\text{NDF}: 1326709231.6/11$

0.964 ± 0.000 $\chi^2/\text{NDF}: 3006574952.6/29$

0.949 ± 0.000 $\chi^2/\text{NDF}: 2315183432.3/30$

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 :14179.7/11

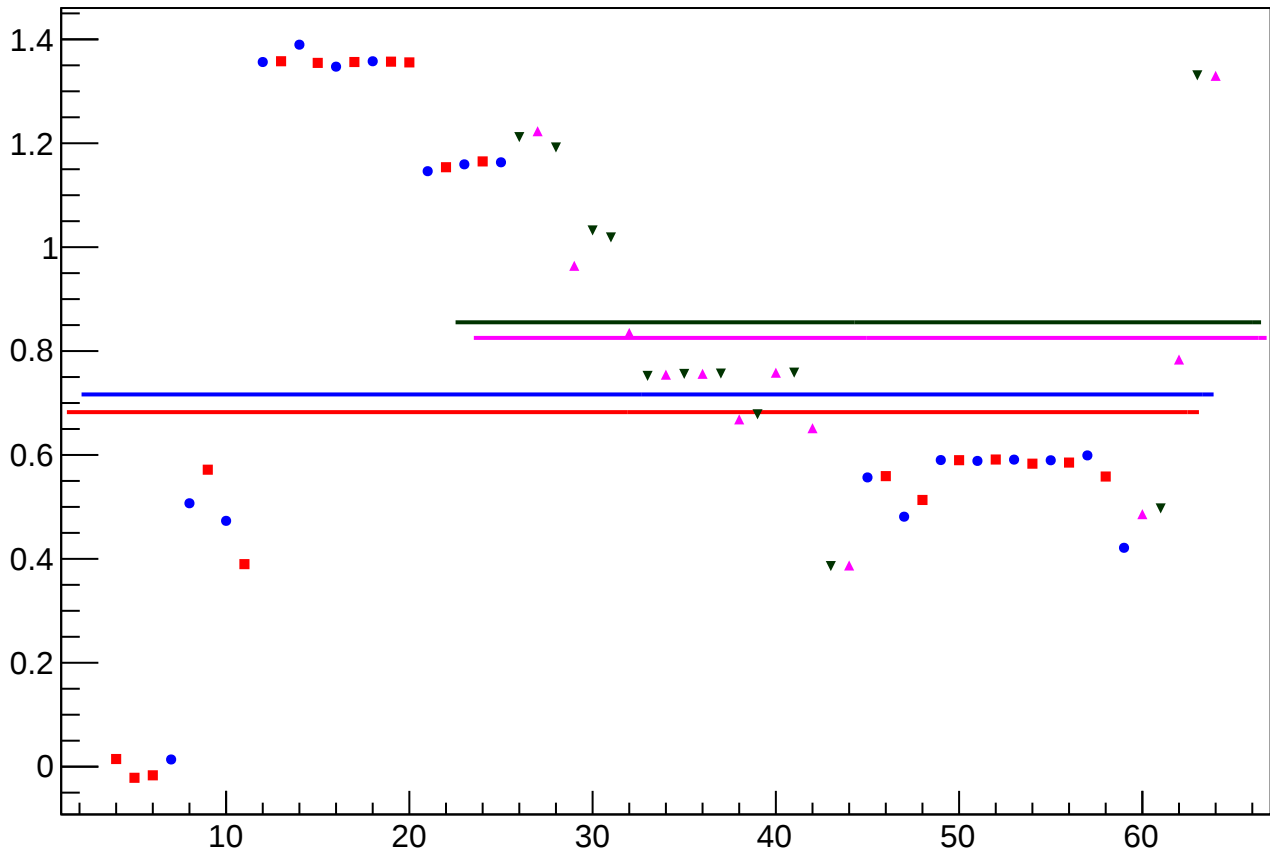
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.023+/-0.000 χ^2/NDF :10702.8/11

0.023+/-0.000 χ^2/NDF : 281882.7/29

0.023+/-0.000 χ^2/NDF : 257033.4/30

yield_bpm11Y_mean vs slug



Right In: 0.716 $\pm$ 0.000 χ^2 /NDF: 131330740430.7/17

Left Out: 0.855 $\pm$ 0.000 χ^2 /NDF: 35540375579.6/11

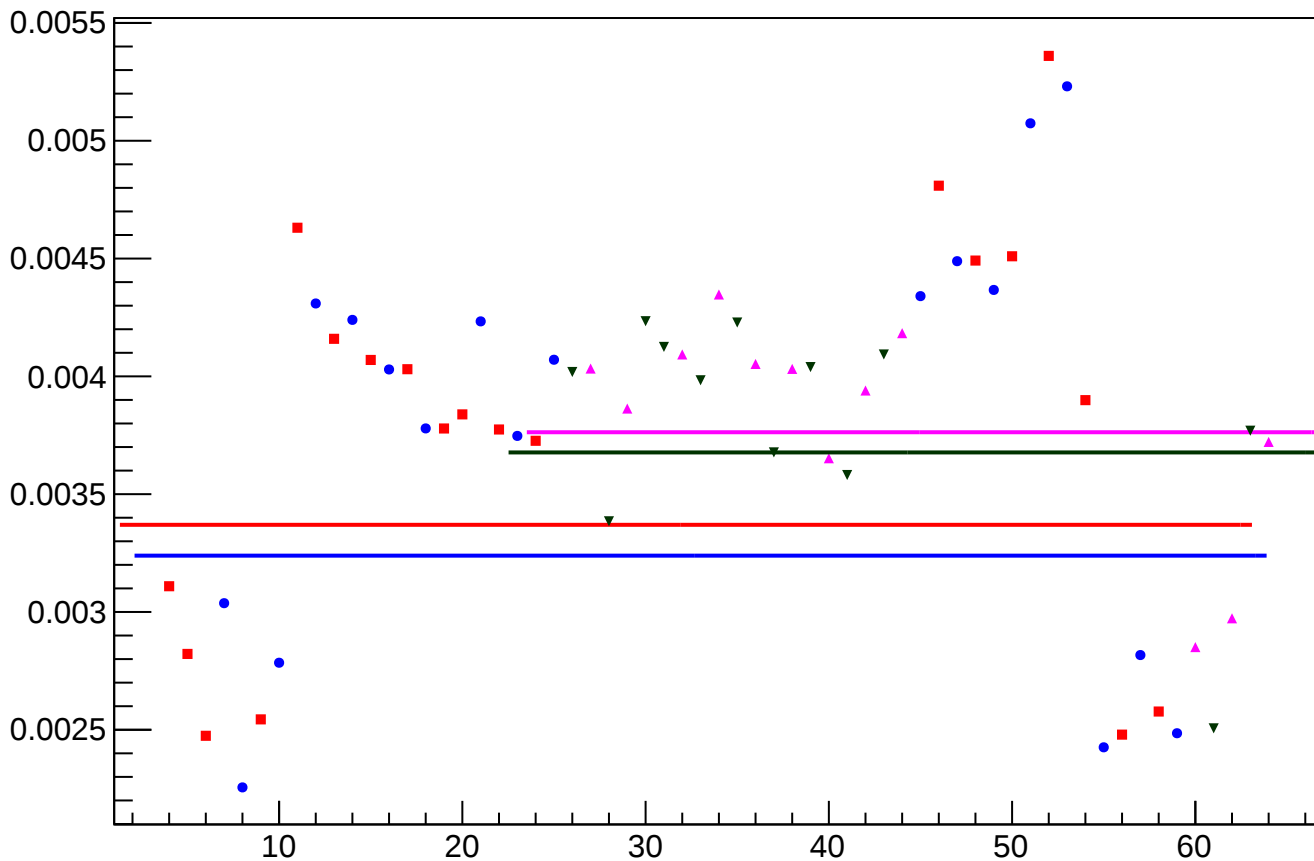
0.760 $\pm$ 0.000 χ^2 /NDF: 172603630455.5/29

Right Out: 0.682 $\pm$ 0.000 χ^2 /NDF: 168328456976.2/18

0.736 $\pm$ 0.000 χ^2 /NDF: 206769401927.6/30

Left In: 0.825 $\pm$ 0.000 χ^2 /NDF: 32386485246.3/11

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1552802.4/17

Left Out: 0.004+/-0.000 χ^2/NDF : 243973.2/11

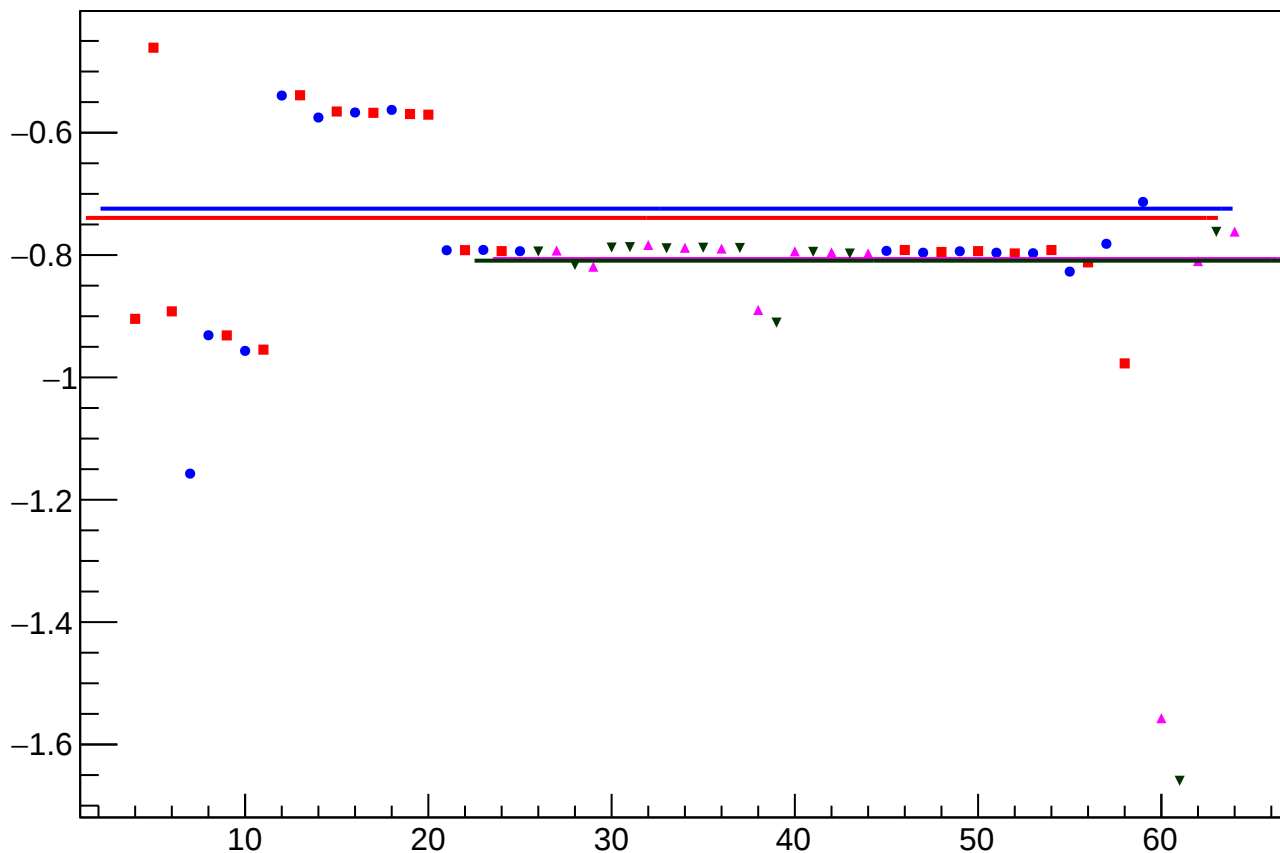
0.003+/-0.000 χ^2/NDF : 1910847.9/29

Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

0.004+/-0.000 χ^2/NDF : 1449211.9/30

Left In: 0.004+/-0.000 χ^2/NDF : 199471.4/11

yield_bpm12X_mean vs slug



Right In: -0.724+/-0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.809+/-0.000 χ^2/NDF : 572095794.1/11

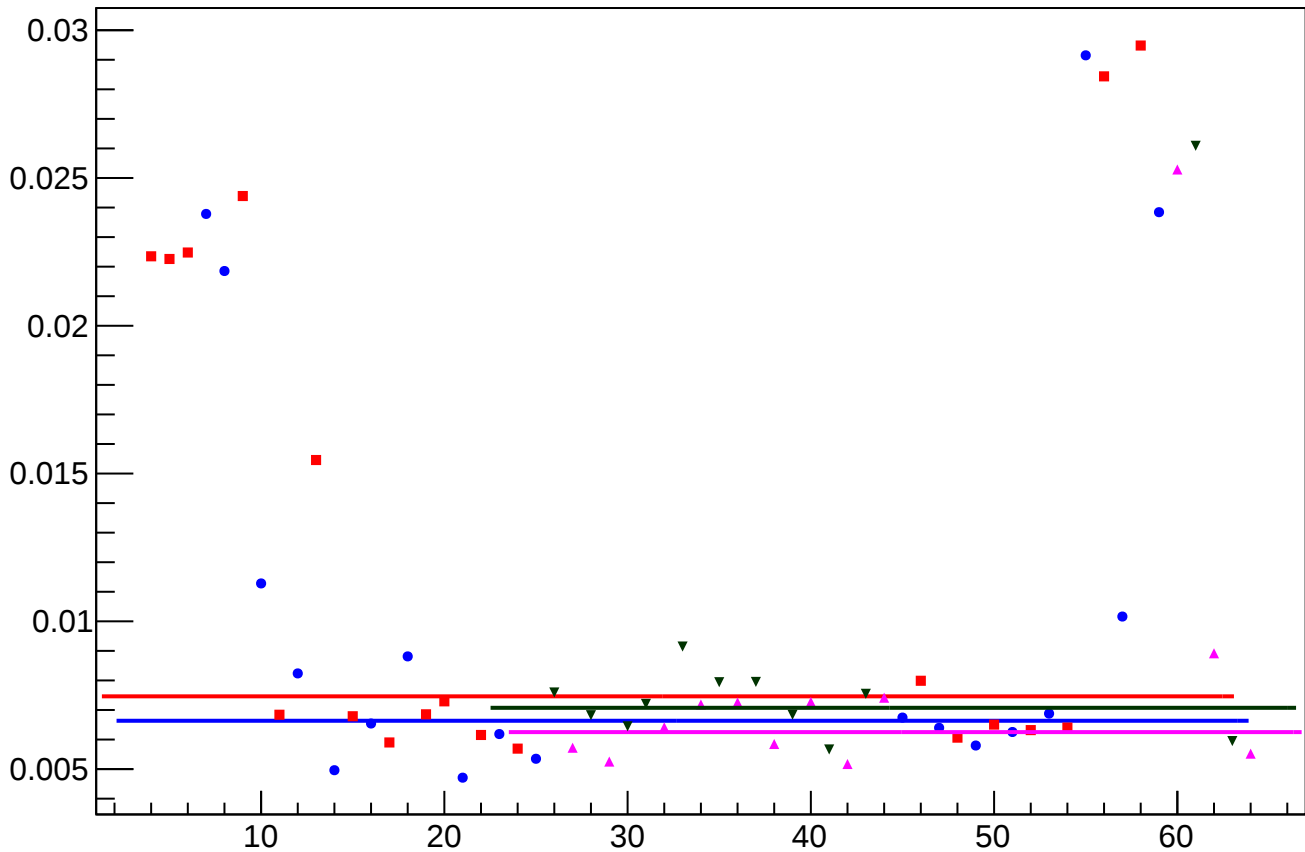
Right Out: -0.739+/-0.000 χ^2/NDF : 1945829237.2/18

Left In: -0.806+/-0.000 χ^2/NDF : 581190908.6/11

-0.755+/-0.000 χ^2/NDF : 3232235582.3/29

-0.775+/-0.000 χ^2/NDF : 2795456762.0/30

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 : 584838.3/11

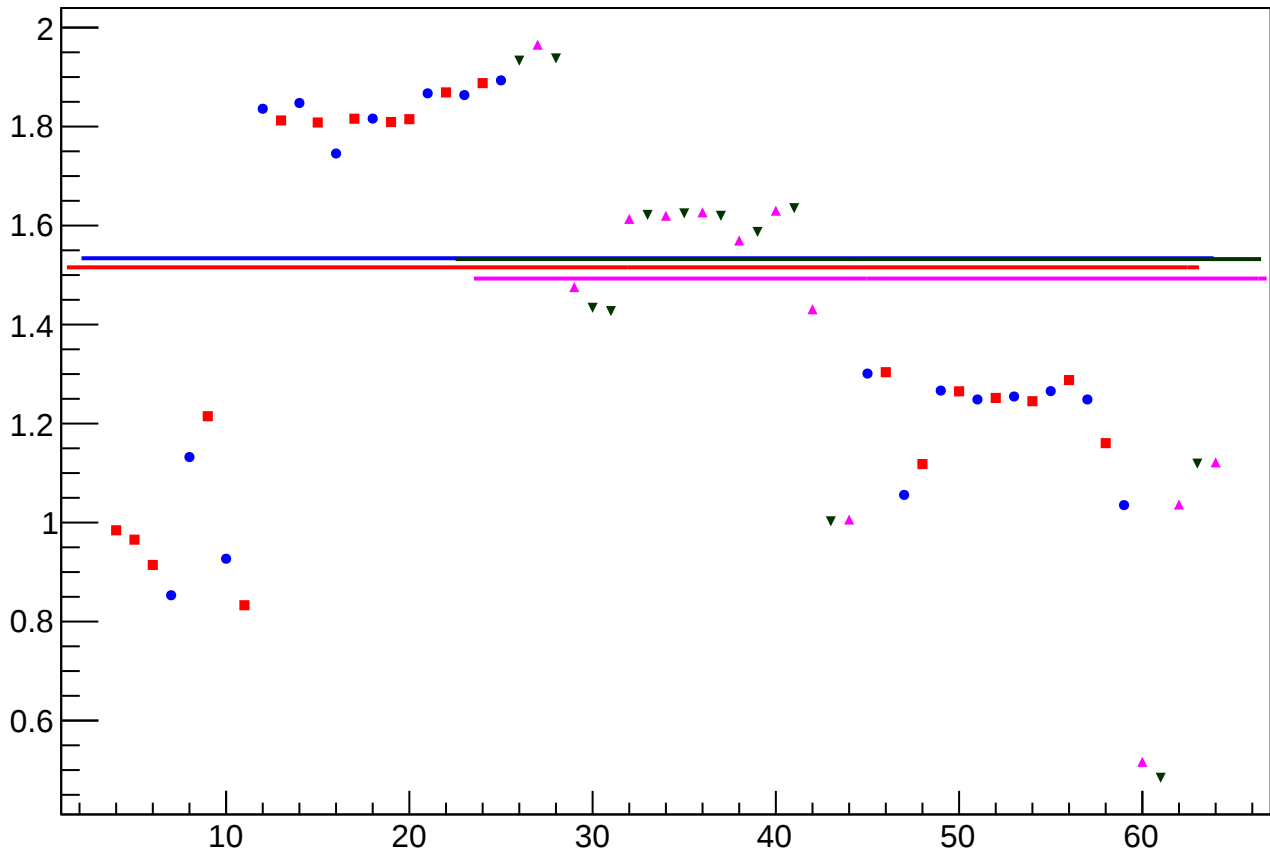
Right Out: 0.007 ± 0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006 ± 0.000 χ^2/NDF : 810671.2/11

0.007 ± 0.000 χ^2/NDF : 3954495.5/29

0.007 ± 0.000 χ^2/NDF : 4463827.0/30

yield_bpm12Y_mean vs slug



Right In: 1.534+/-0.000 χ^2/NDF : 22395382646.2/17

Left Out: 1.532+/-0.000 χ^2/NDF : 11594802591.1/11

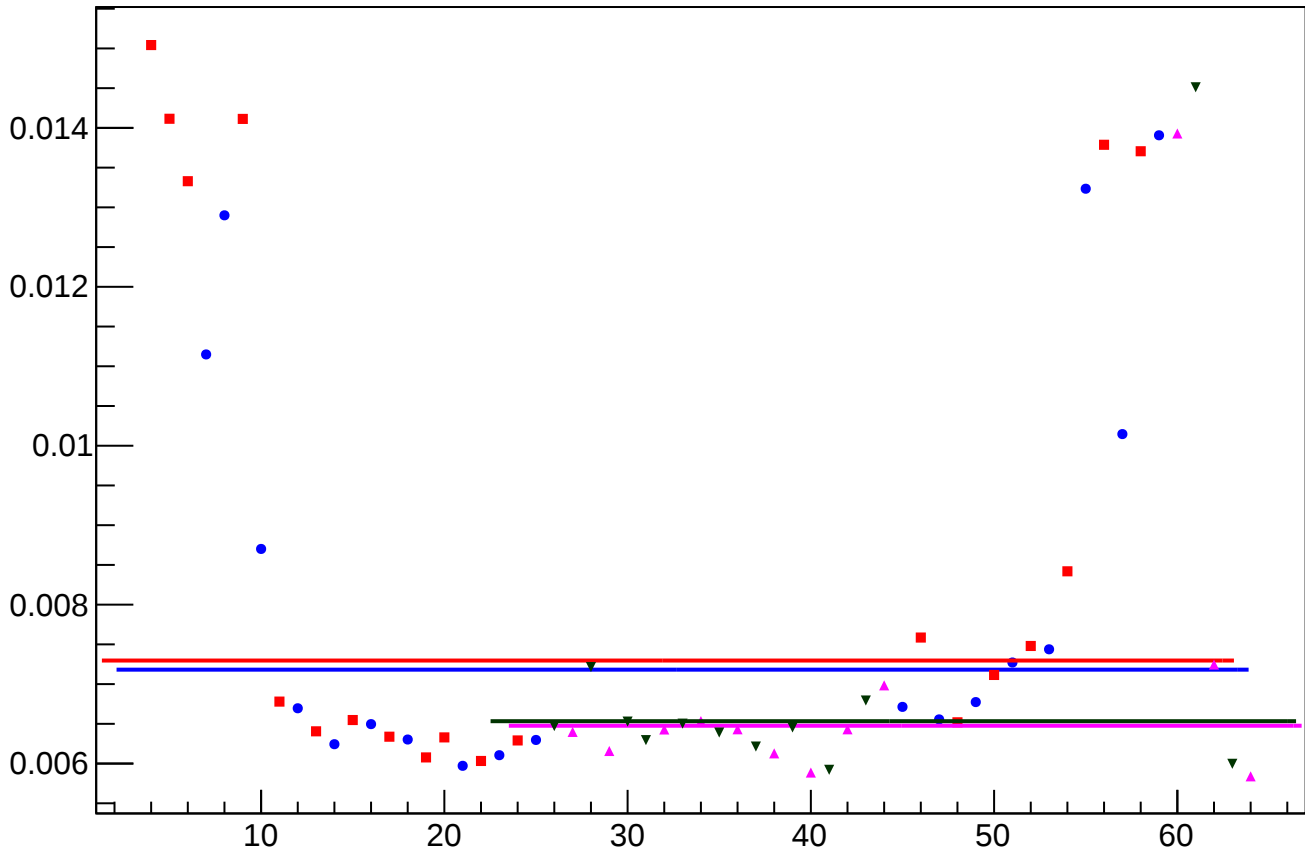
1.533+/-0.000 χ^2/NDF : 33990417585.6/29

Right Out: 1.516+/-0.000 χ^2/NDF : 21754735470.0/18

1.505+/-0.000 χ^2/NDF : 35537168673.4/30

Left In: 1.493+/-0.000 χ^2/NDF : 13742671915.5/11

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 : 287785.3/11

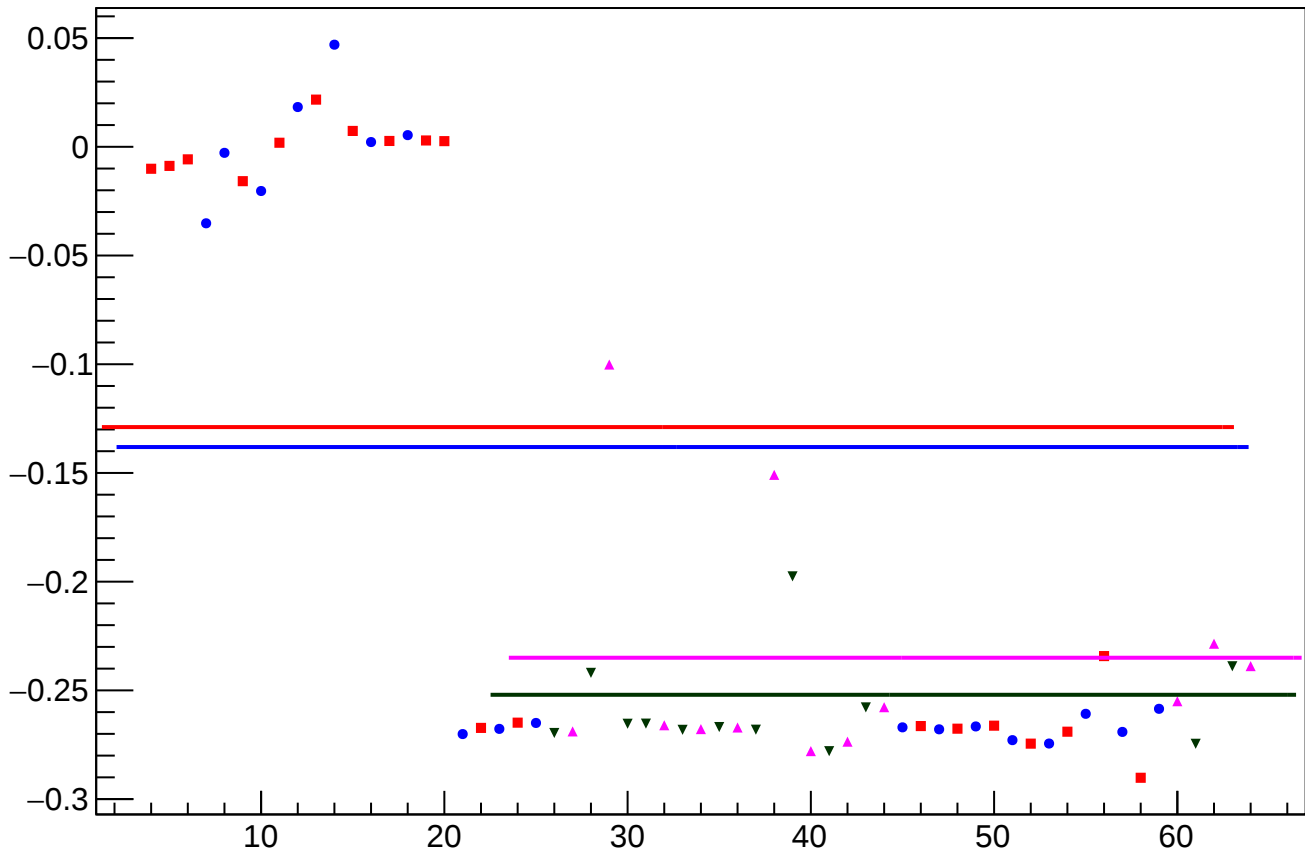
0.007+/-0.000 χ^2/NDF : 1659007.9/29

Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

0.007+/-0.000 χ^2/NDF : 1893763.4/30

Left In: 0.006+/-0.000 χ^2/NDF : 331032.3/11

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.252+/-0.000 χ^2/NDF : 120337485.8/11

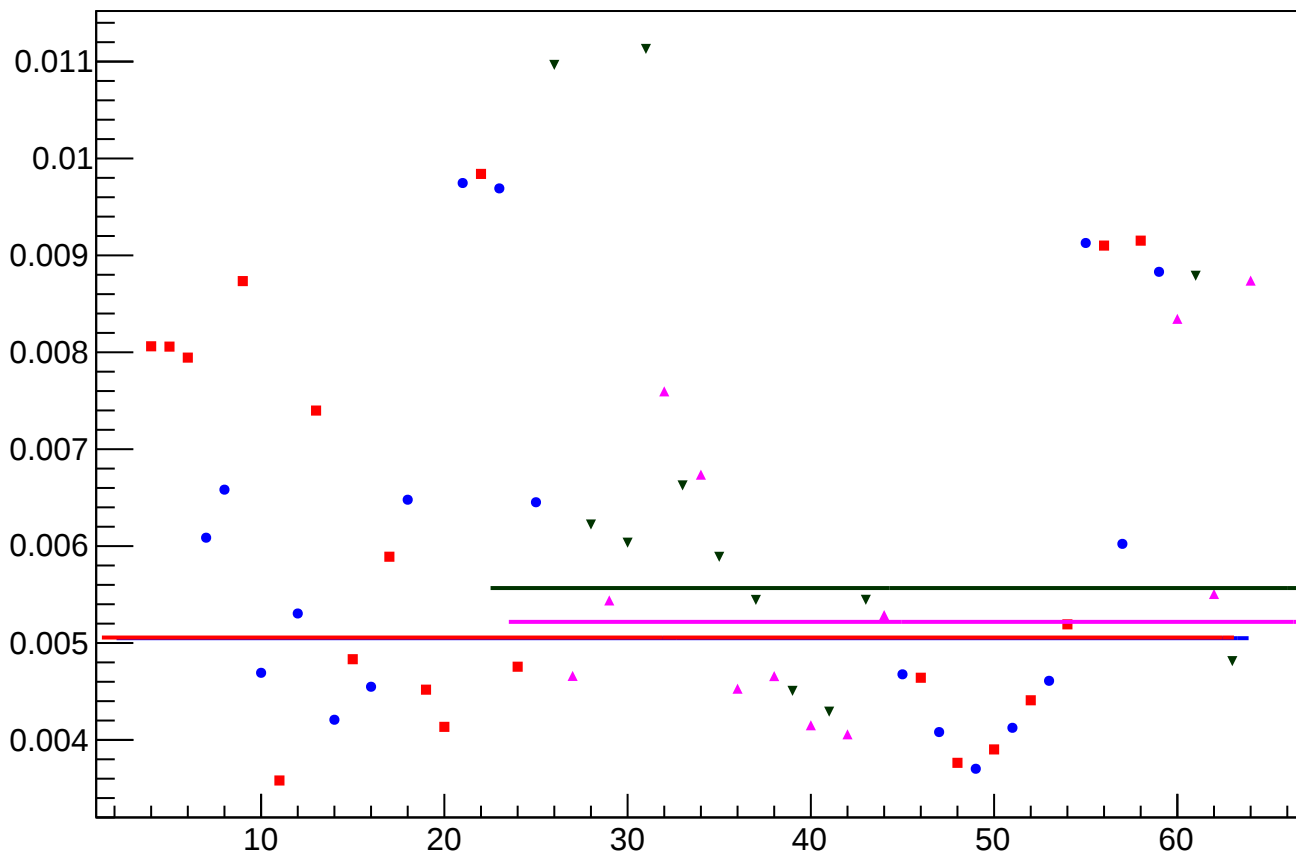
-0.174+/-0.000 χ^2/NDF : 8906434567.9/29

Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

-0.172+/-0.000 χ^2/NDF : 8144900324.6/30

Left In: -0.235+/-0.000 χ^2/NDF : 790866737.0/11

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 : 734347.9/11

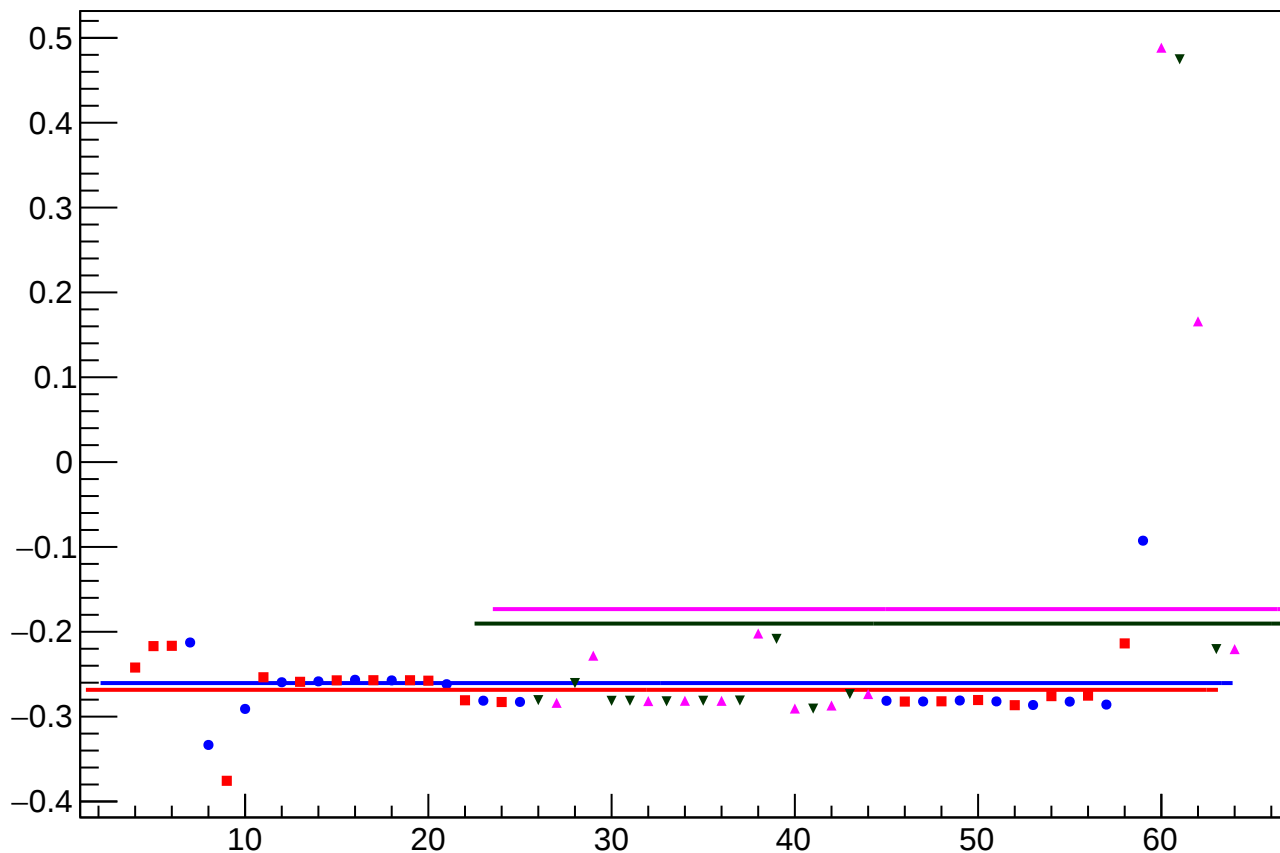
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 692296.6/11

0.005+/-0.000 χ^2/NDF : 2461003.7/29

0.005+/-0.000 χ^2/NDF : 2521612.7/30

yield_bpm16Y_mean vs slug



Right In: -0.260 ± 0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.190 ± 0.000 χ^2/NDF : 41598762260.0/11

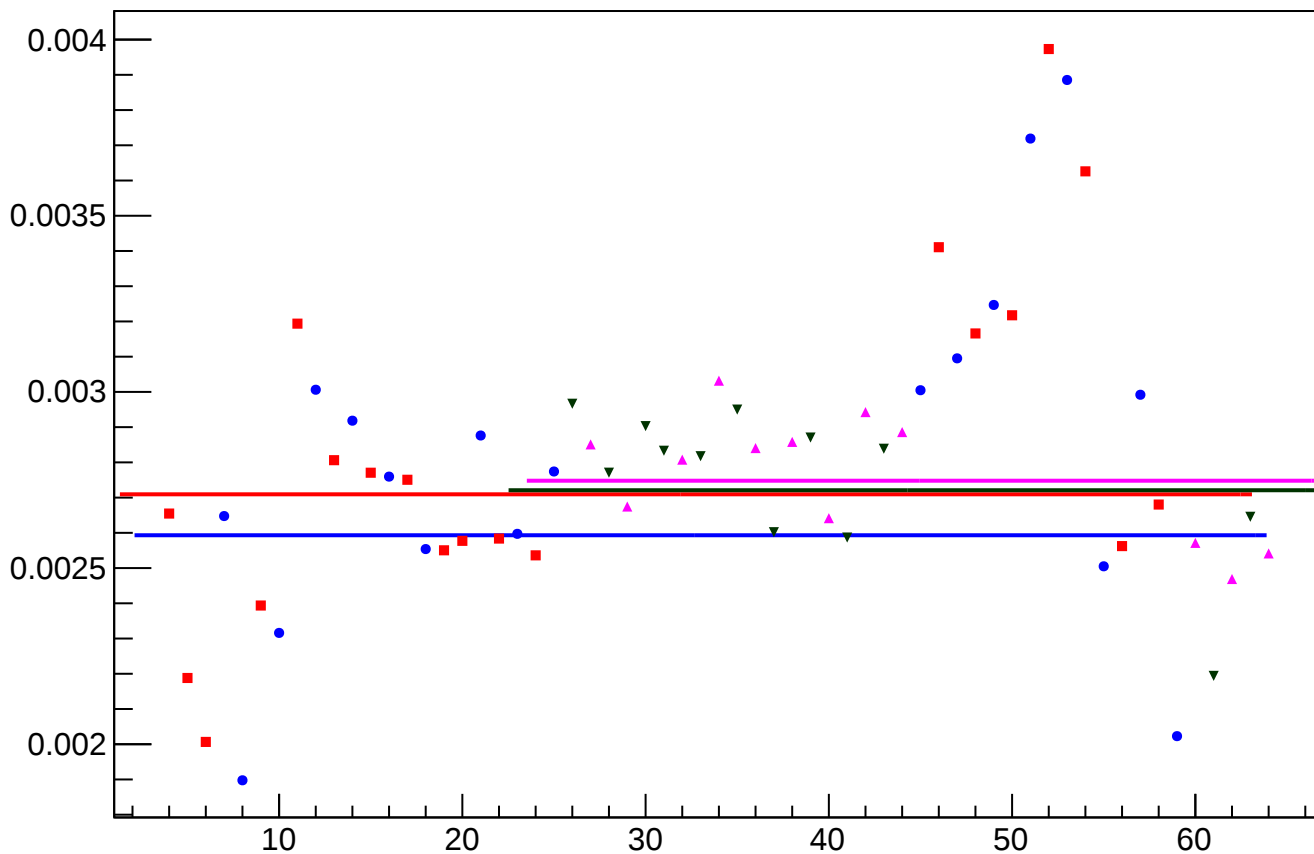
Right Out: -0.268 ± 0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.173 ± 0.000 χ^2/NDF : 43721375013.3/11

-0.236 ± 0.000 χ^2/NDF : 51106614887.4/29

-0.229 ± 0.000 χ^2/NDF : 50696529541.3/30

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 : 76592.5/11

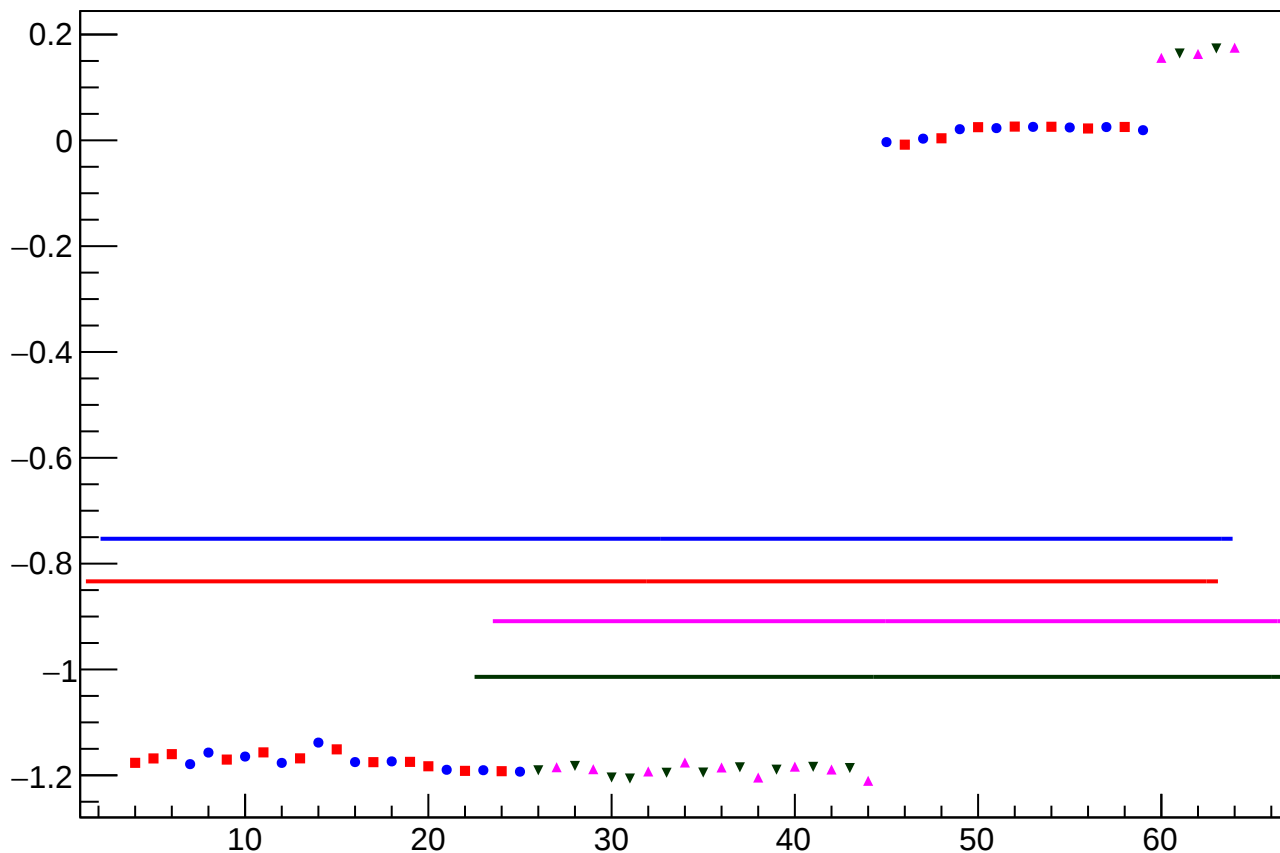
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 46051.5/11

0.003+/-0.000 χ^2/NDF : 868170.4/29

0.003+/-0.000 χ^2/NDF : 523858.9/30

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -1.014+/-0.000 χ^2/NDF : 19532611792.5/11

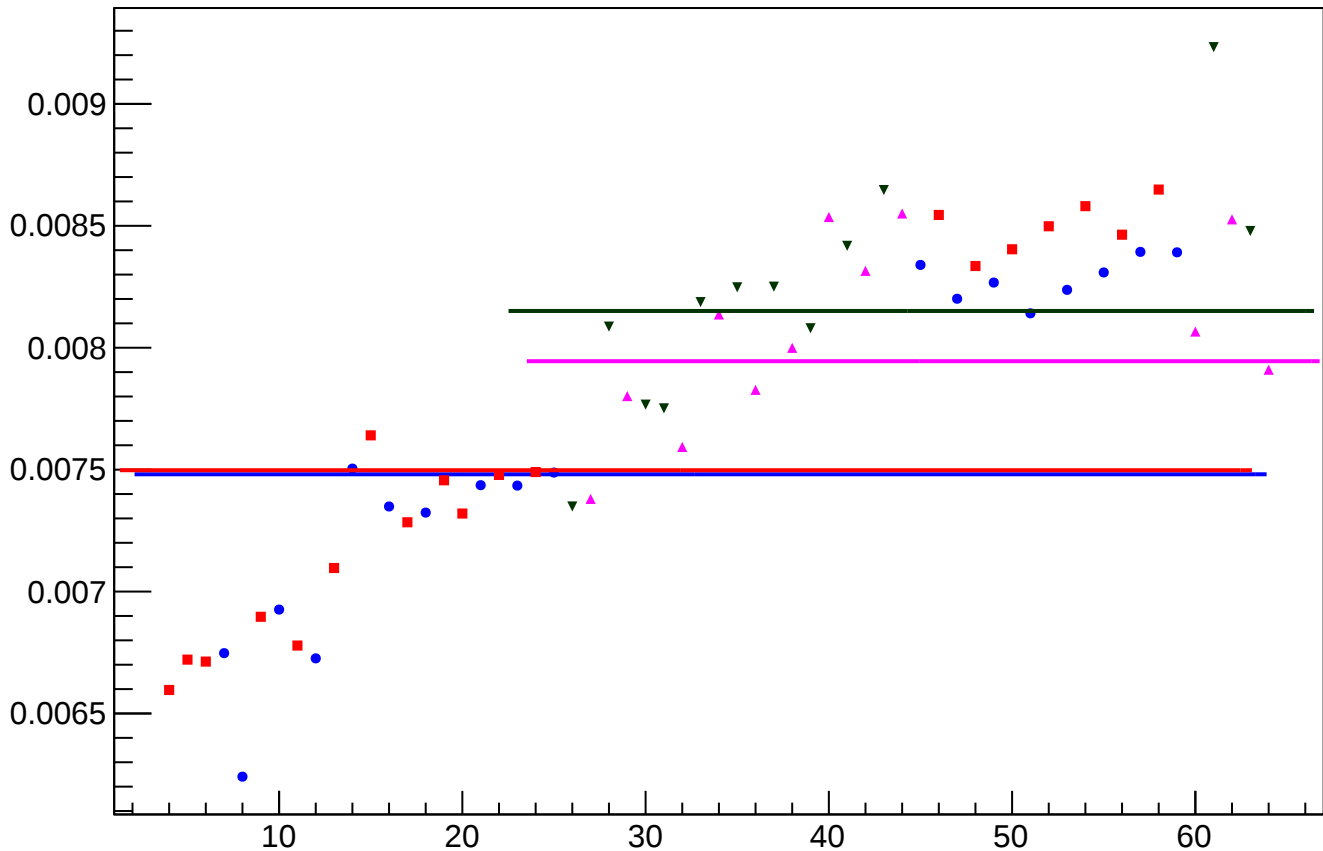
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.909+/-0.000 χ^2/NDF : 33782972952.1/11

-0.836+/-0.000 χ^2/NDF : 87369284836.1/29

-0.863+/-0.000 χ^2/NDF : 84502724182.6/30

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 :33937.6/11

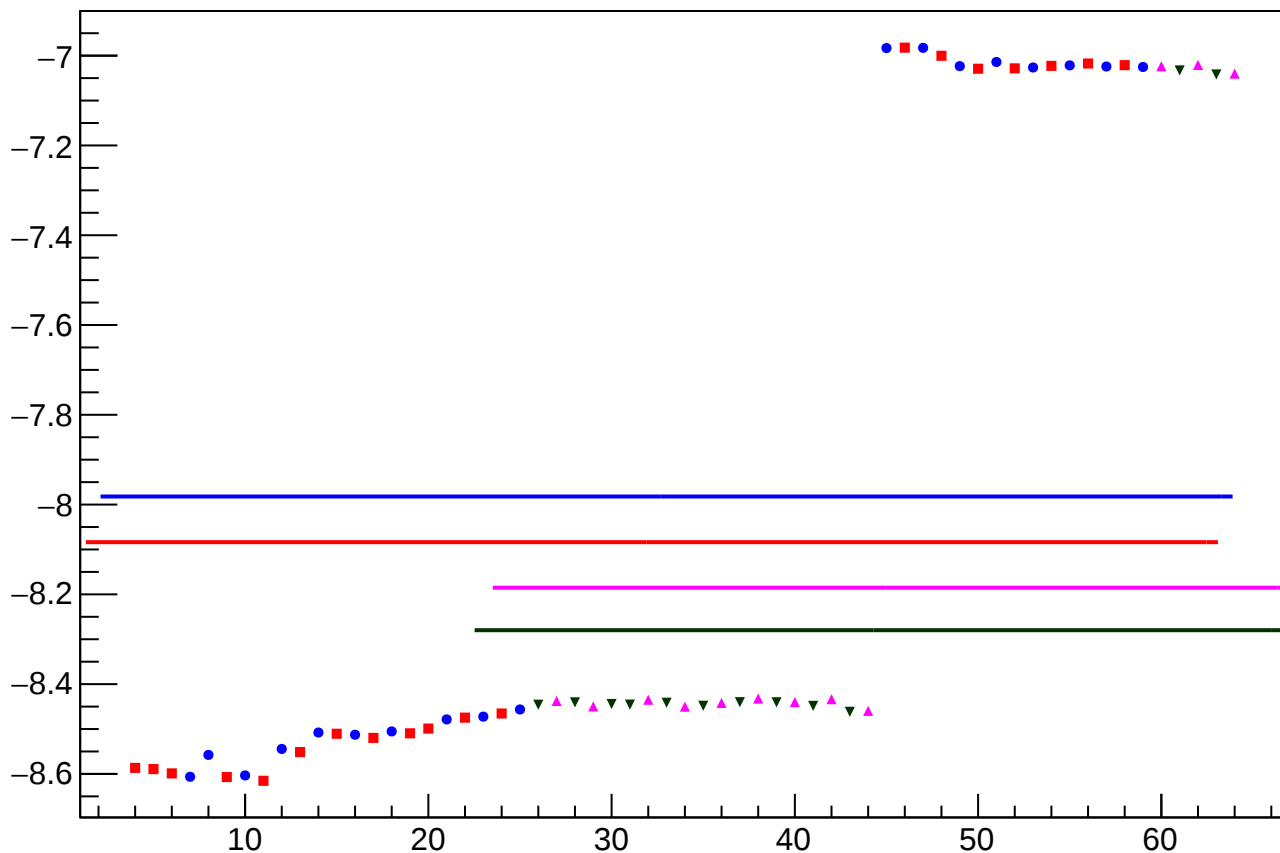
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF :31263.3/11

0.008+/-0.000 χ^2/NDF : 286828.9/29

0.008+/-0.000 χ^2/NDF : 225976.9/30

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -8.280+/-0.000 χ^2/NDF : 24136352515.2/11

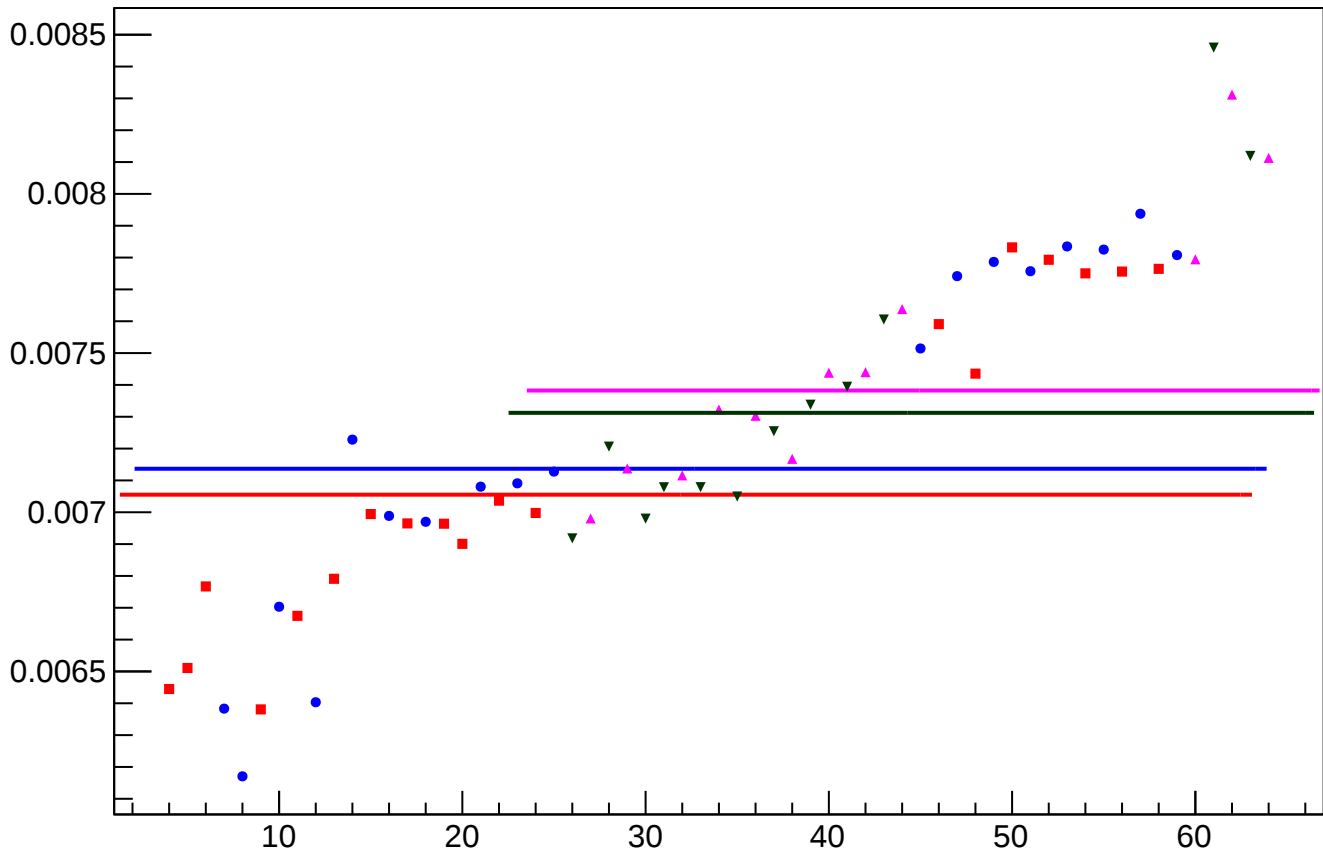
Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

Left In: -8.185+/-0.000 χ^2/NDF : 39051349142.7/11

-8.086+/-0.000 χ^2/NDF : 147448390527.9/29

-8.124+/-0.000 χ^2/NDF : 139371790148.8/30

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 141394.2/17

Left Out: 0.007+/-0.000 χ^2/NDF : 36773.8/11

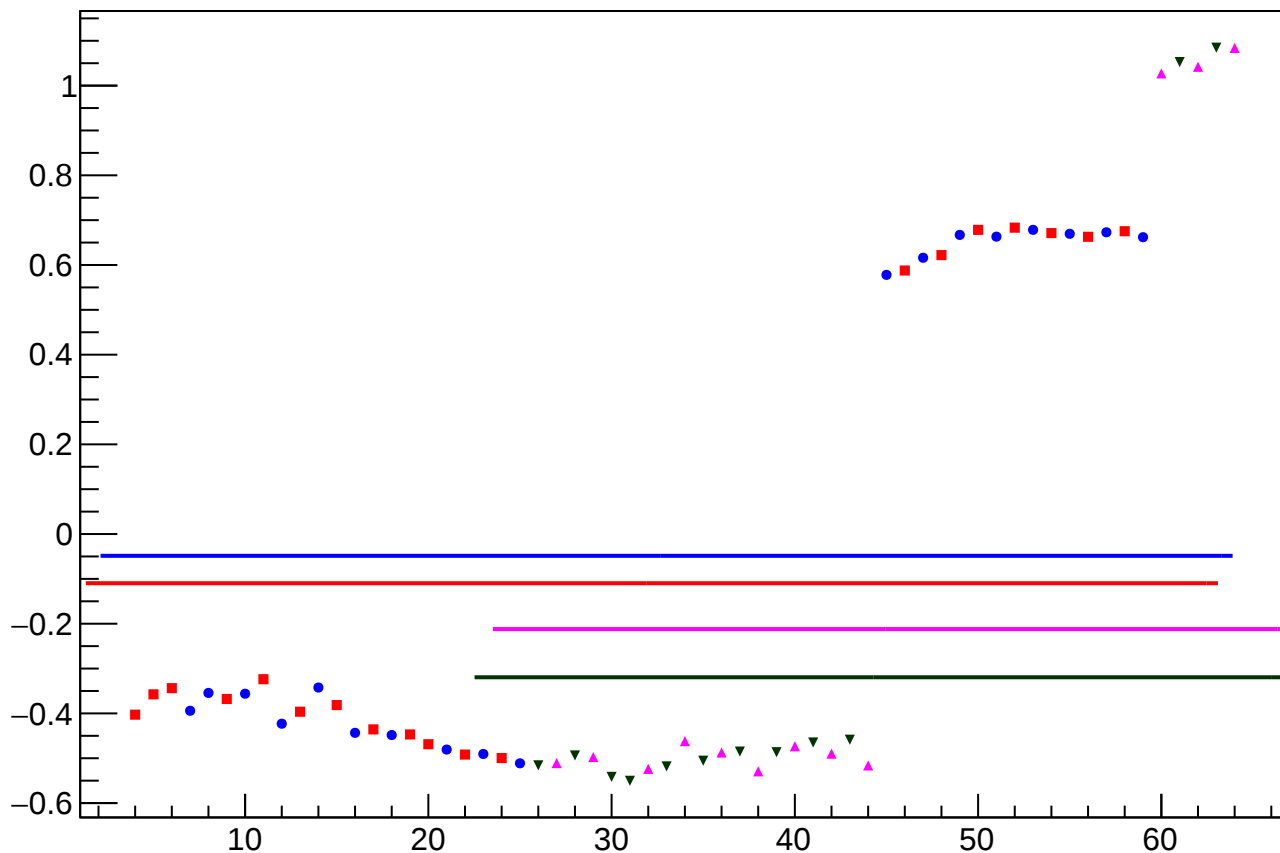
0.007+/-0.000 χ^2/NDF : 182888.8/29

Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

0.007+/-0.000 χ^2/NDF : 142030.2/30

Left In: 0.007+/-0.000 χ^2/NDF : 36196.2/11

yield_bpm2i02X_mean vs slug



Right In: -0.049 ± 0.000 $\chi^2/\text{NDF}: 7806391272.8/17$

Left Out: -0.319 ± 0.000 $\chi^2/\text{NDF}: 3680841028.6/11$

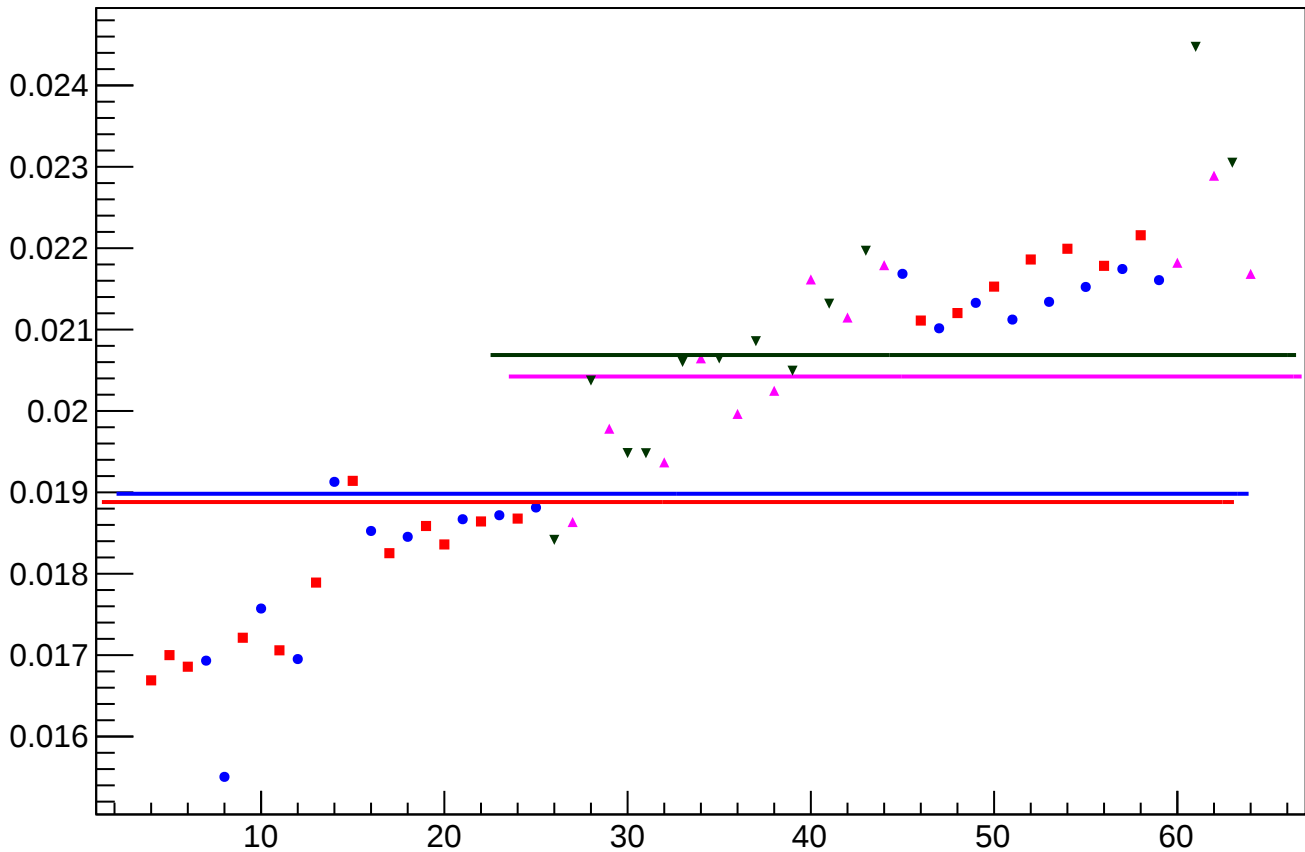
Right Out: -0.110 ± 0.000 $\chi^2/\text{NDF}: 6259069670.0/18$

Left In: -0.212 ± 0.000 $\chi^2/\text{NDF}: 6226130094.3/11$

-0.135 ± 0.000 $\chi^2/\text{NDF}: 12208334837.8/29$

-0.149 ± 0.000 $\chi^2/\text{NDF}: 12594951620.2/30$

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 : 57505.3/11

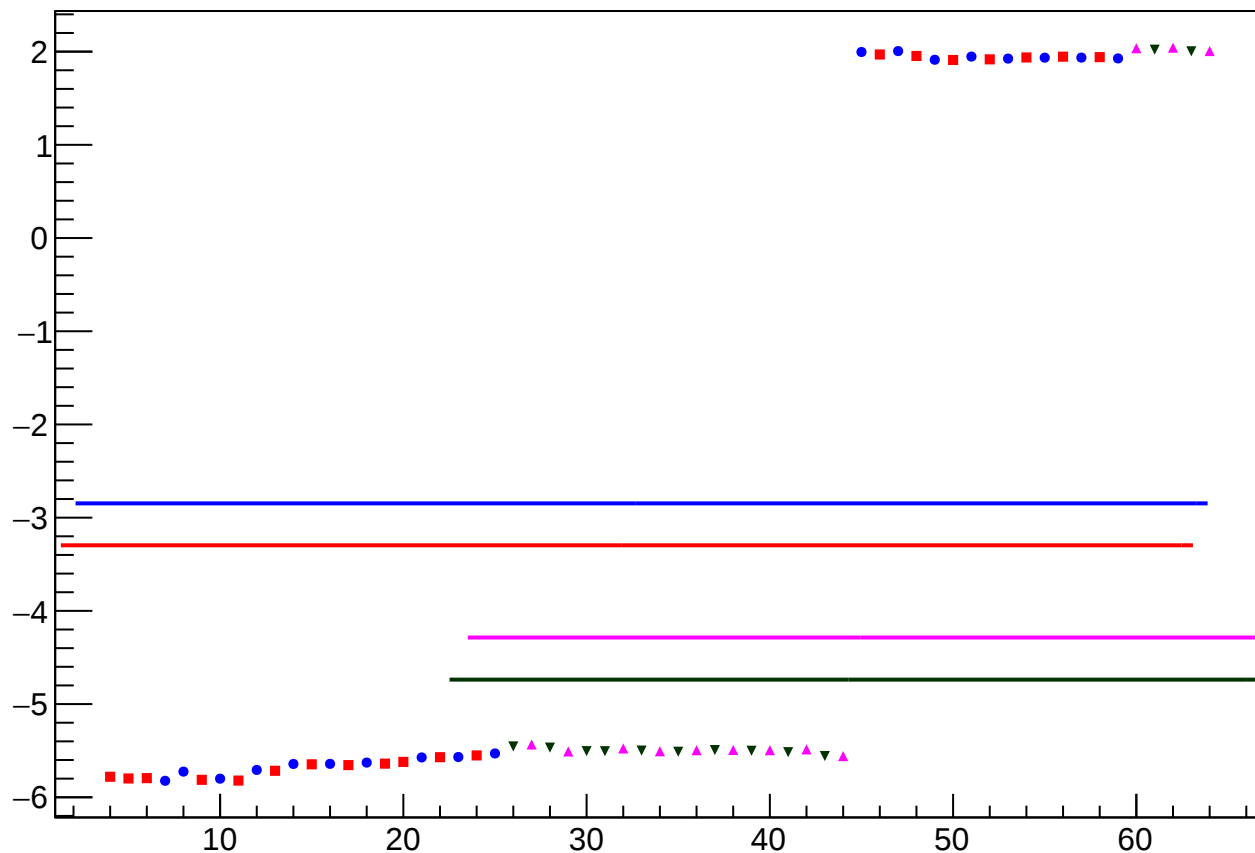
Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

Left In: 0.020+/-0.000 χ^2/NDF : 50262.8/11

0.020+/-0.000 χ^2/NDF : 369562.0/29

0.019+/-0.000 χ^2/NDF : 290783.7/30

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -4.738+/-0.000 χ^2/NDF : 212298051118.6/11

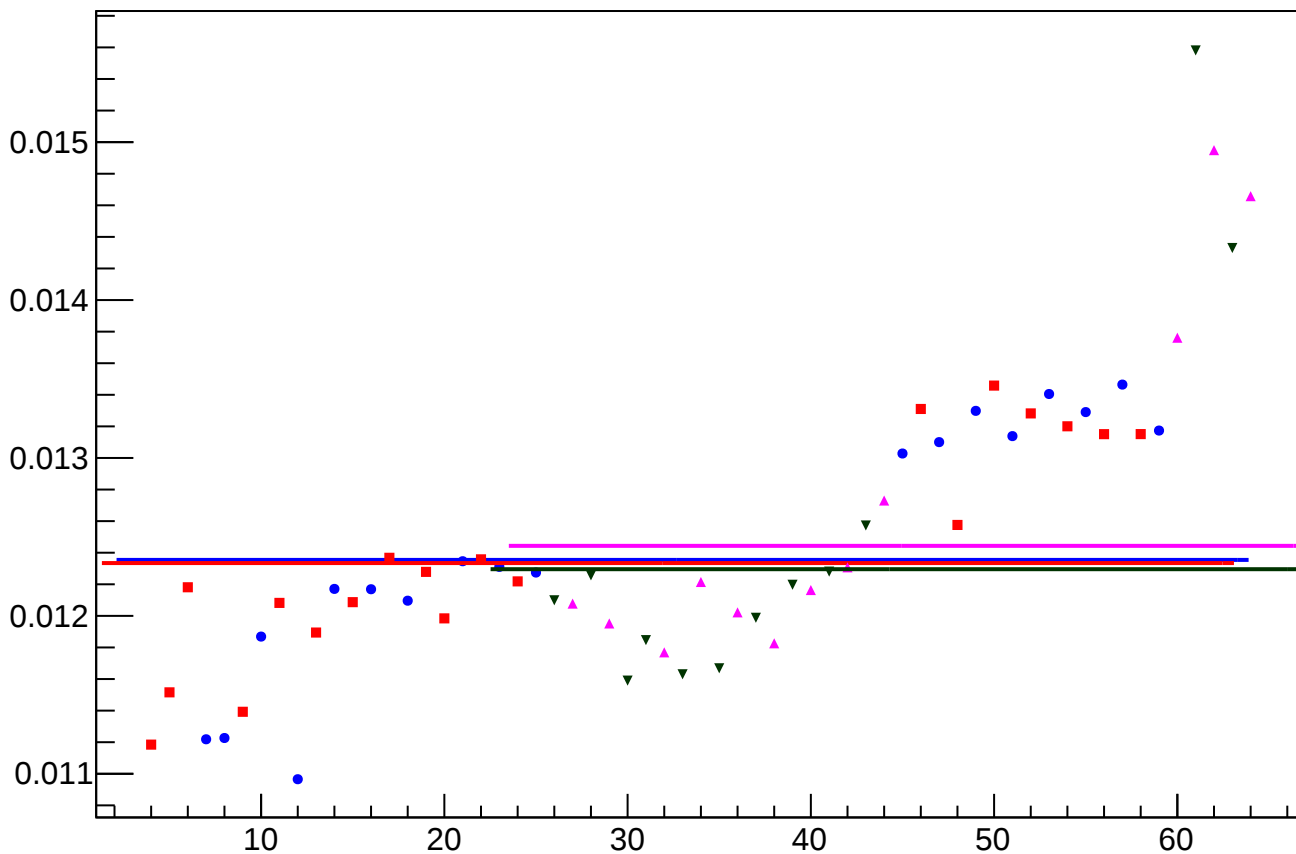
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -4.286+/-0.000 χ^2/NDF : 349785259562.2/11

-3.530+/-0.000 χ^2/NDF : 1294695823299.7/29

-3.707+/-0.000 χ^2/NDF : 1195189836716.3/30

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 89844.3/17

Left Out: 0.012+/-0.000 χ^2/NDF : 69509.4/11

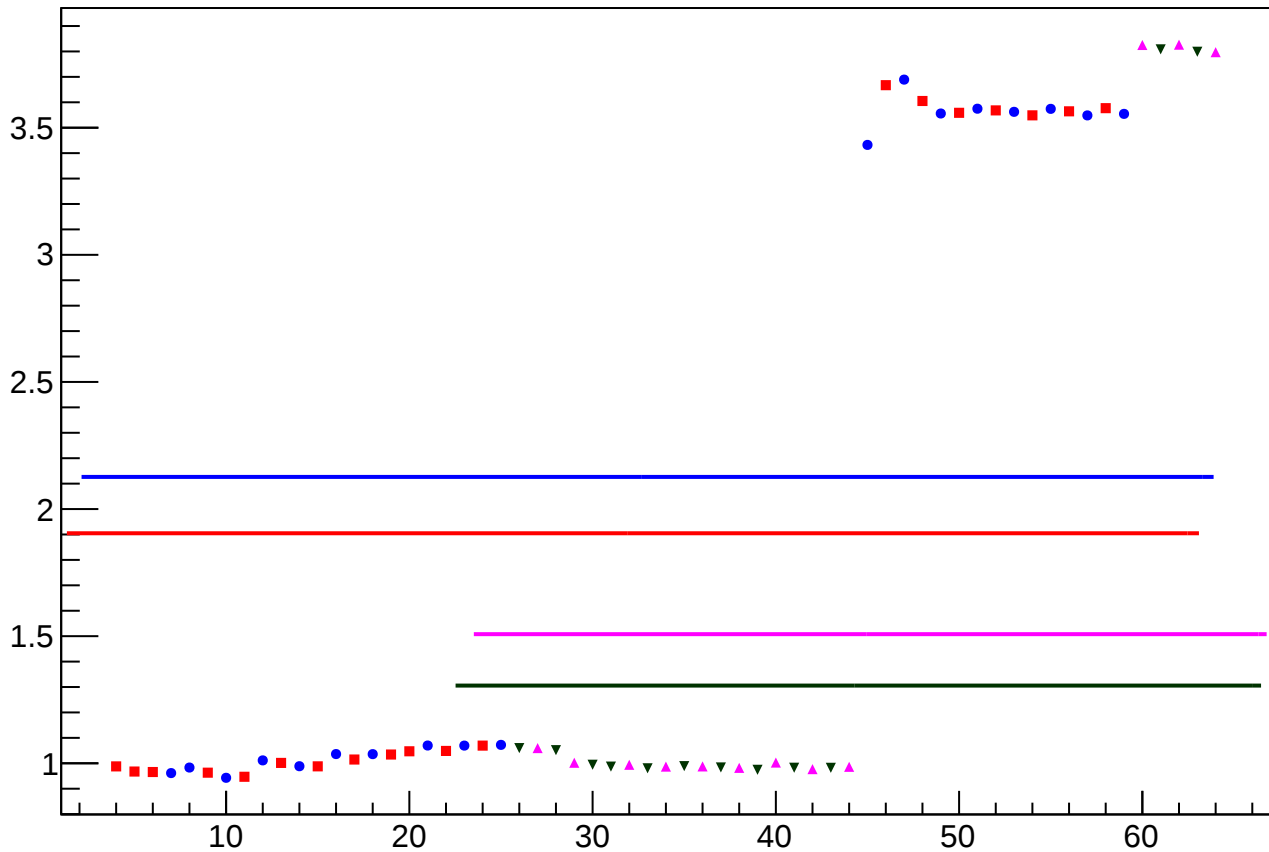
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.012+/-0.000 χ^2/NDF : 75969.0/11

0.012+/-0.000 χ^2/NDF : 159536.3/29

0.012+/-0.000 χ^2/NDF : 131495.7/30

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 1.306+/-0.000 χ^2/NDF : 81373086131.5/11

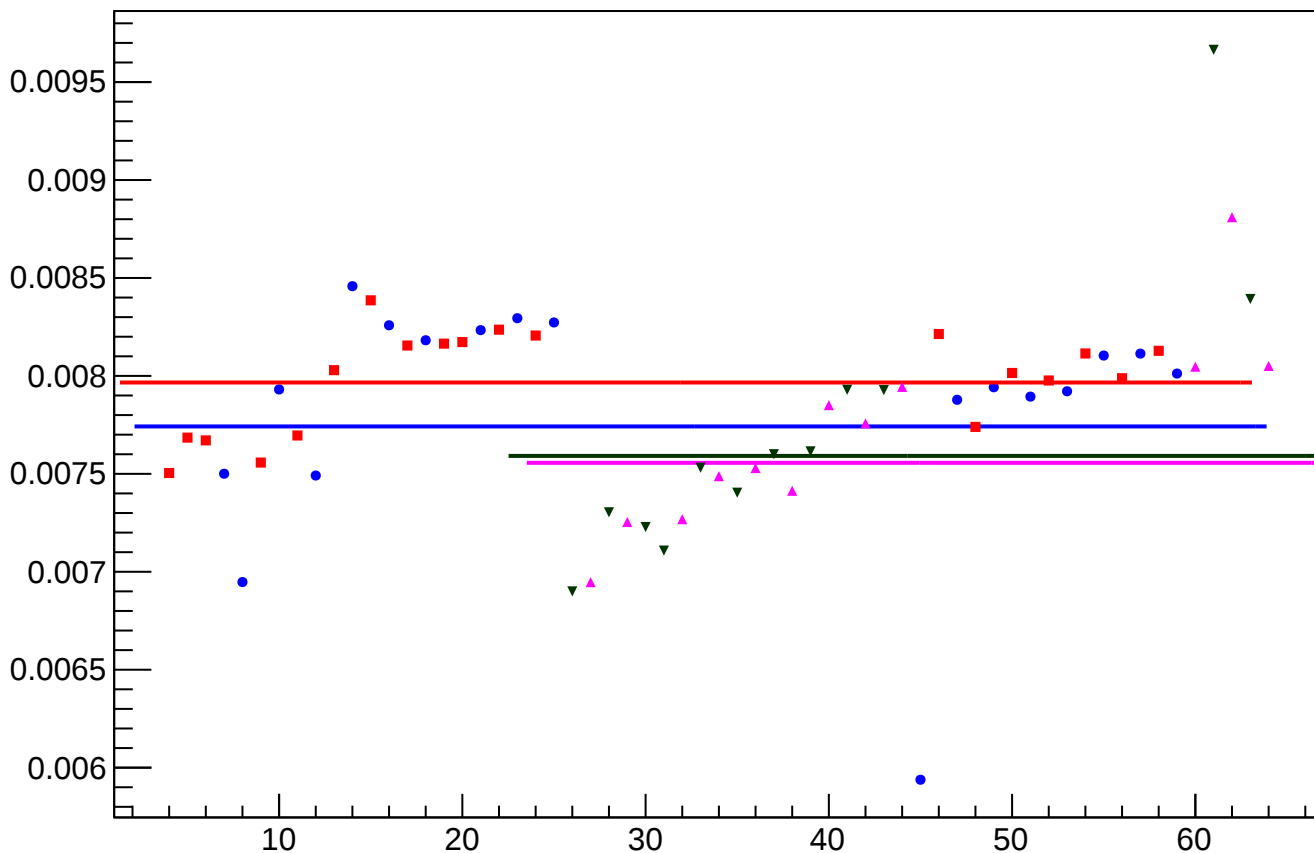
1.825+/-0.000 χ^2/NDF : 419641905745.2/29

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

1.729+/-0.000 χ^2/NDF : 390619861302.0/30

Left In: 1.508+/-0.000 χ^2/NDF : 143771952704.8/11

yield_bpm1i04X_rms vs slug



Right In: 0.008 ± 0.000 $\chi^2/NDF: 178907.2/17$

Left Out: 0.008 ± 0.000 $\chi^2/NDF: 68453.4/11$

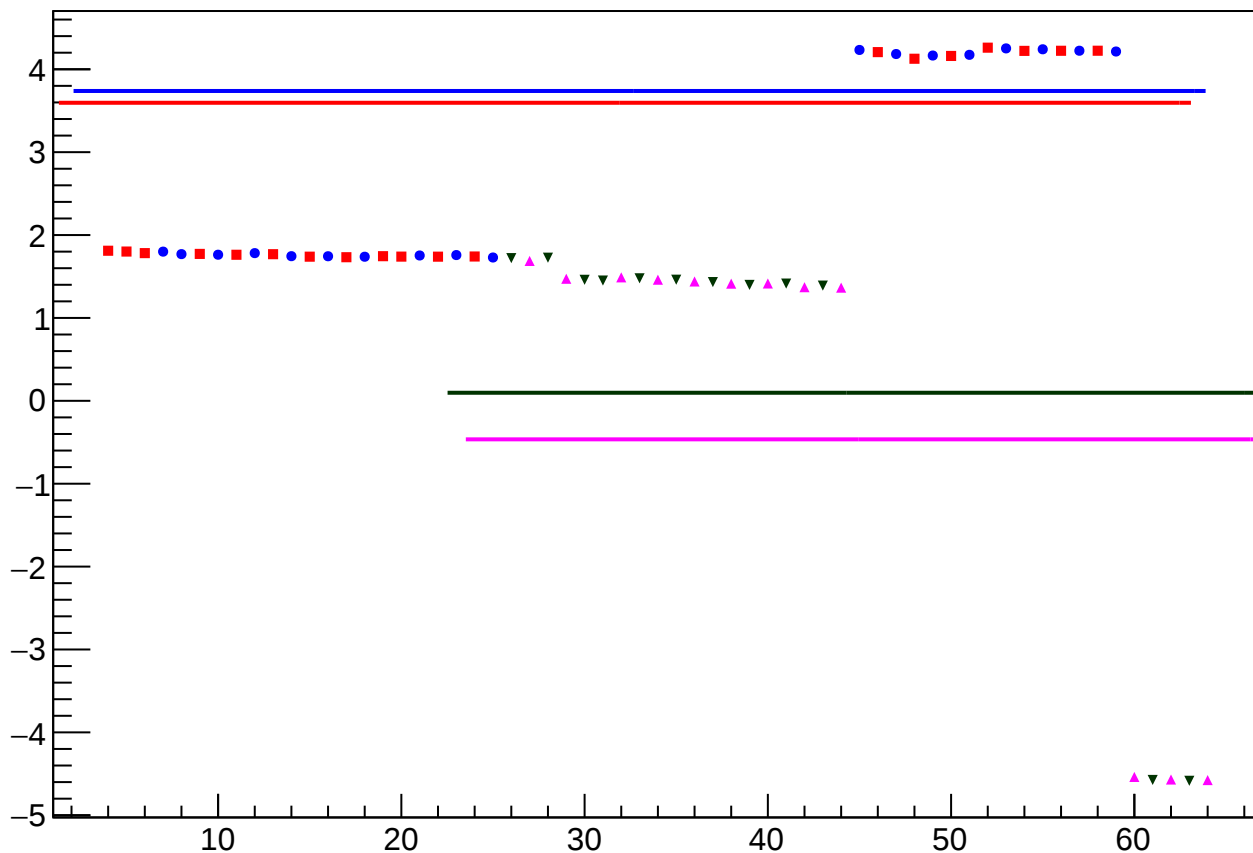
Right Out: 0.008 ± 0.000 $\chi^2/NDF: 20073.5/18$

Left In: 0.008 ± 0.000 $\chi^2/NDF: 49530.3/11$

0.008 ± 0.000 $\chi^2/NDF: 250426.4/29$

0.008 ± 0.000 $\chi^2/NDF: 92707.8/30$

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000 χ^2/NDF : 502669373965.6/17

Left Out: 0.097+/-0.000 χ^2/NDF : 1301096376758.5/11

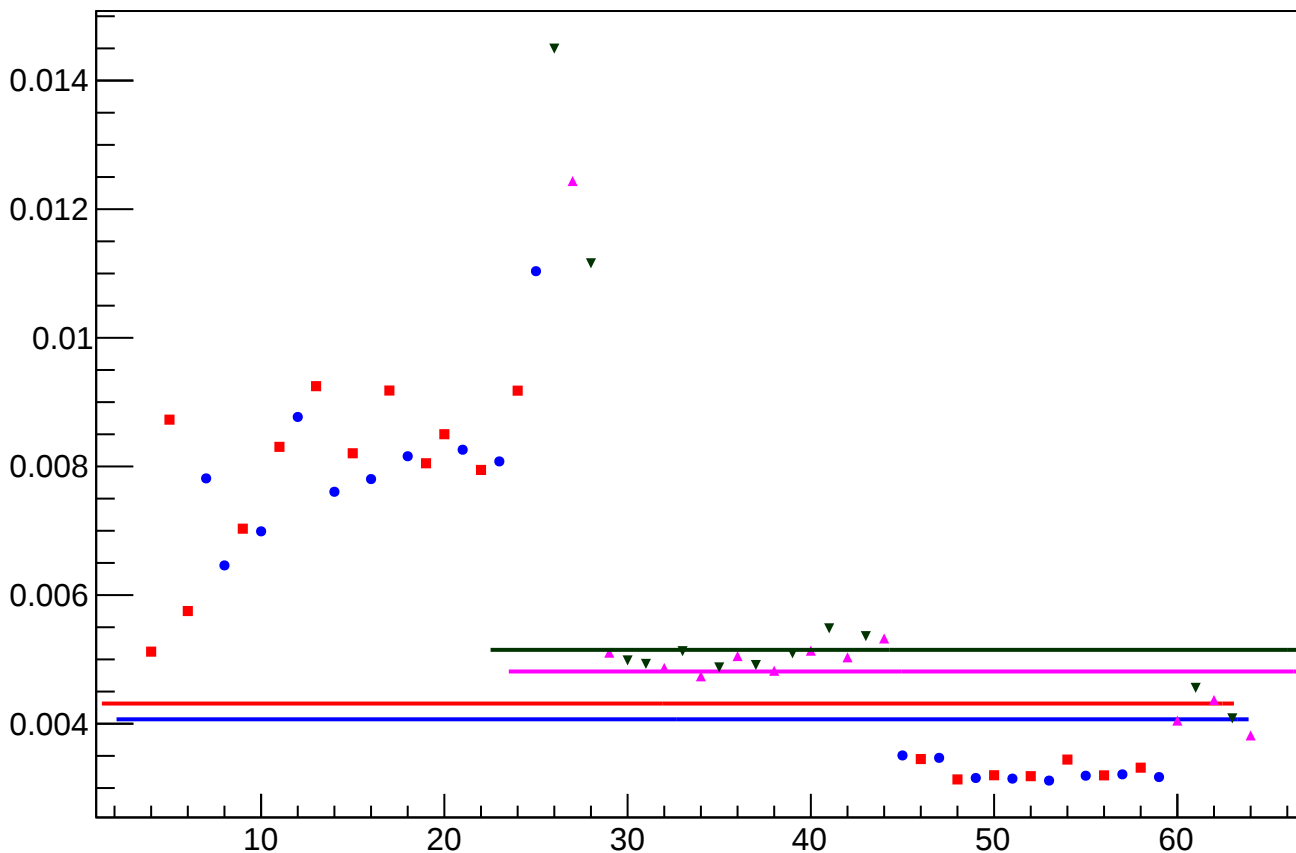
Right Out: 3.596+/-0.000 χ^2/NDF : 468031292414.6/18

Left In: -0.465+/-0.000 χ^2/NDF : 2154580983768.8/11

2.734+/-0.000 χ^2/NDF : 3776866134231.6/29

1.989+/-0.000 χ^2/NDF : 5367559276256.5/30

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 :855183.4/11

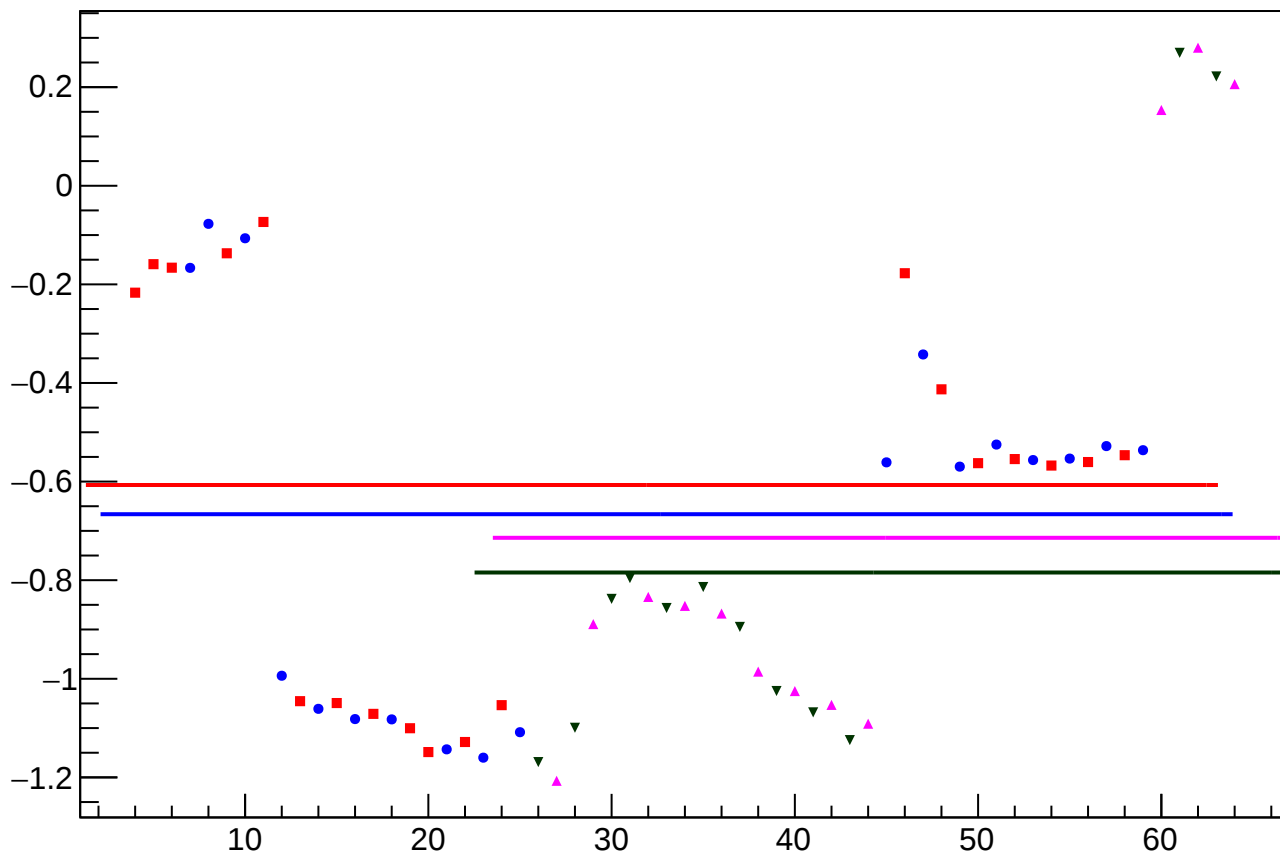
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF :679232.9/11

0.004+/-0.000 χ^2/NDF : 4604063.9/29

0.005+/-0.000 χ^2/NDF : 4003132.4/30

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.784+/-0.000 χ^2/NDF : 15139410431.5/11

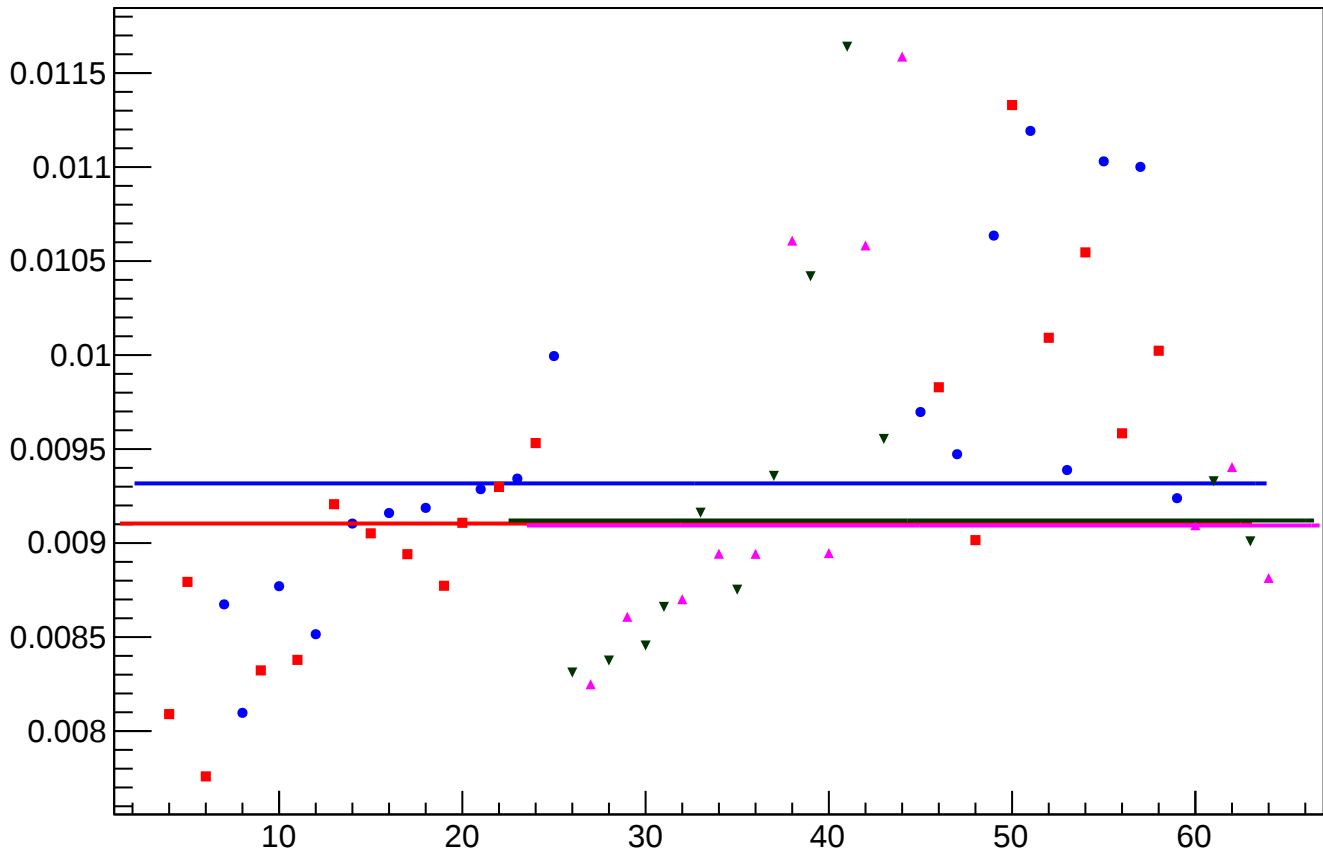
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.714+/-0.000 χ^2/NDF : 21648429684.2/11

-0.710+/-0.000 χ^2/NDF : 34921365220.1/29

-0.652+/-0.000 χ^2/NDF : 41428939606.4/30

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 :104782.5/11

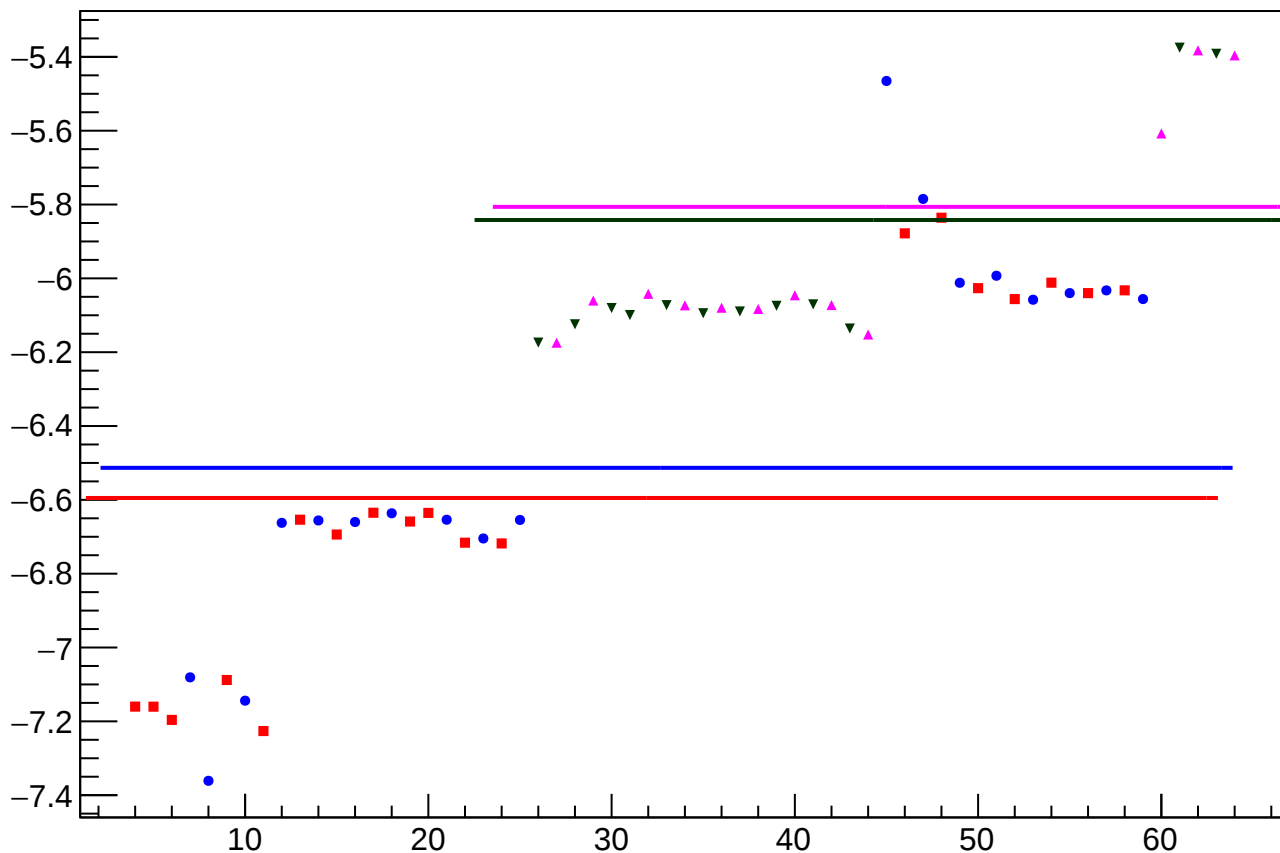
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :117662.2/11

0.009+/-0.000 χ^2/NDF : 274152.9/29

0.009+/-0.000 χ^2/NDF : 276765.7/30

yield_bpm0l01Y_mean vs slug



Right In: -6.513 ± 0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.842 ± 0.000 χ^2/NDF : 10212504437.2/11

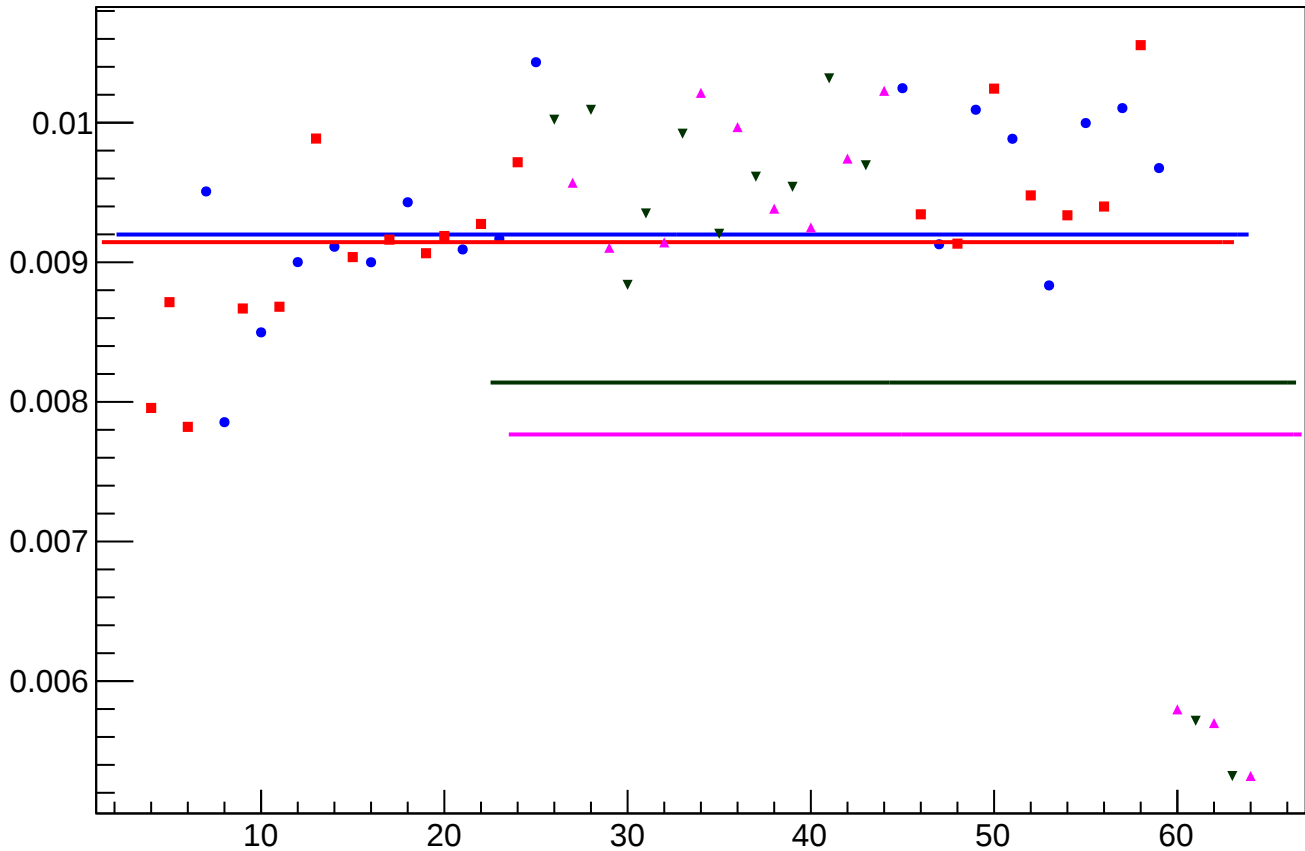
Right Out: -6.595 ± 0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.806 ± 0.000 χ^2/NDF : 11181720914.3/11

-6.243 ± 0.000 χ^2/NDF : 67532946348.9/29

-6.209 ± 0.000 χ^2/NDF : 71566567970.4/30

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.008+/-0.000 χ^2/NDF : 709215.7/11

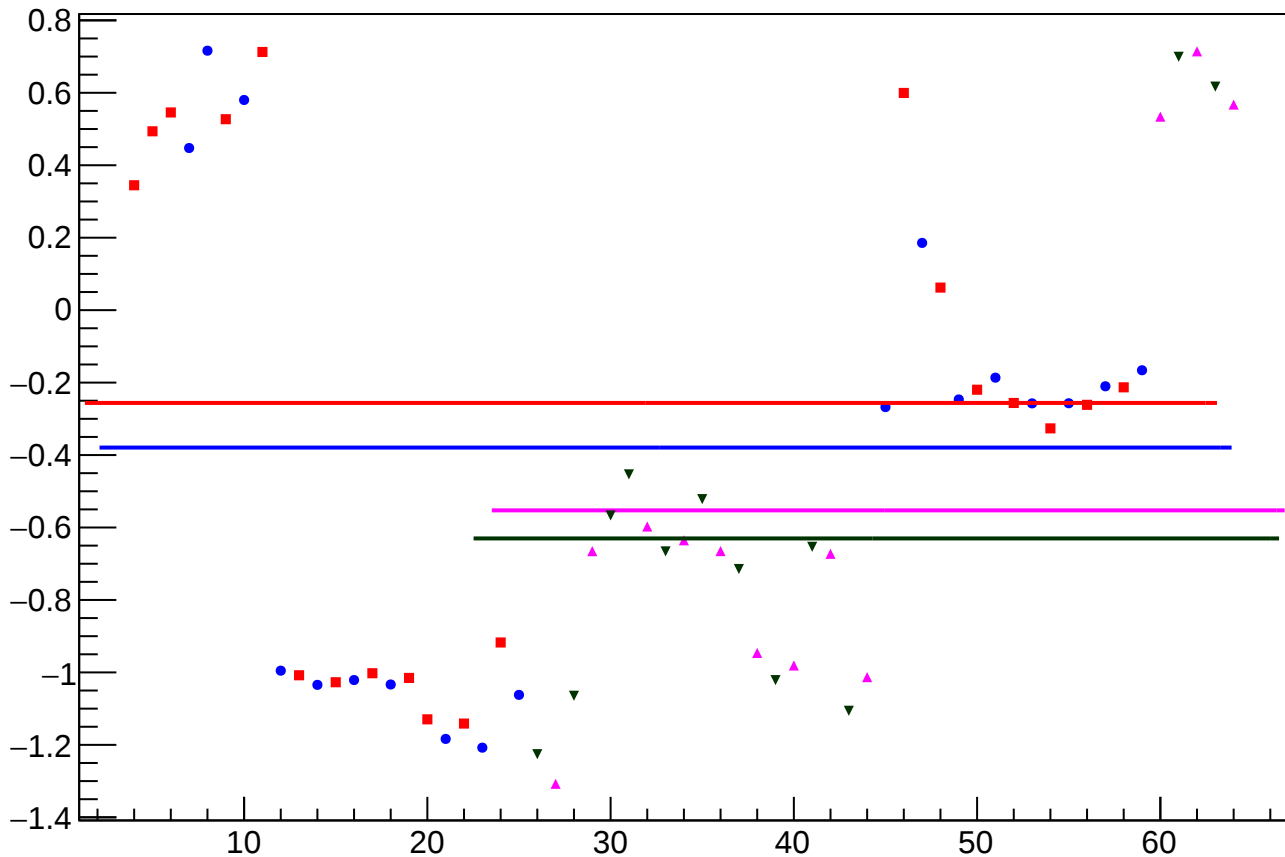
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.008+/-0.000 χ^2/NDF : 857586.0/11

0.009+/-0.000 χ^2/NDF : 945550.1/29

0.008+/-0.000 χ^2/NDF : 1169968.5/30

yield_bpm0l02X_mean vs slug



Right In: -0.379+/-0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.630+/-0.000 χ^2/NDF : 7447531867.7/11

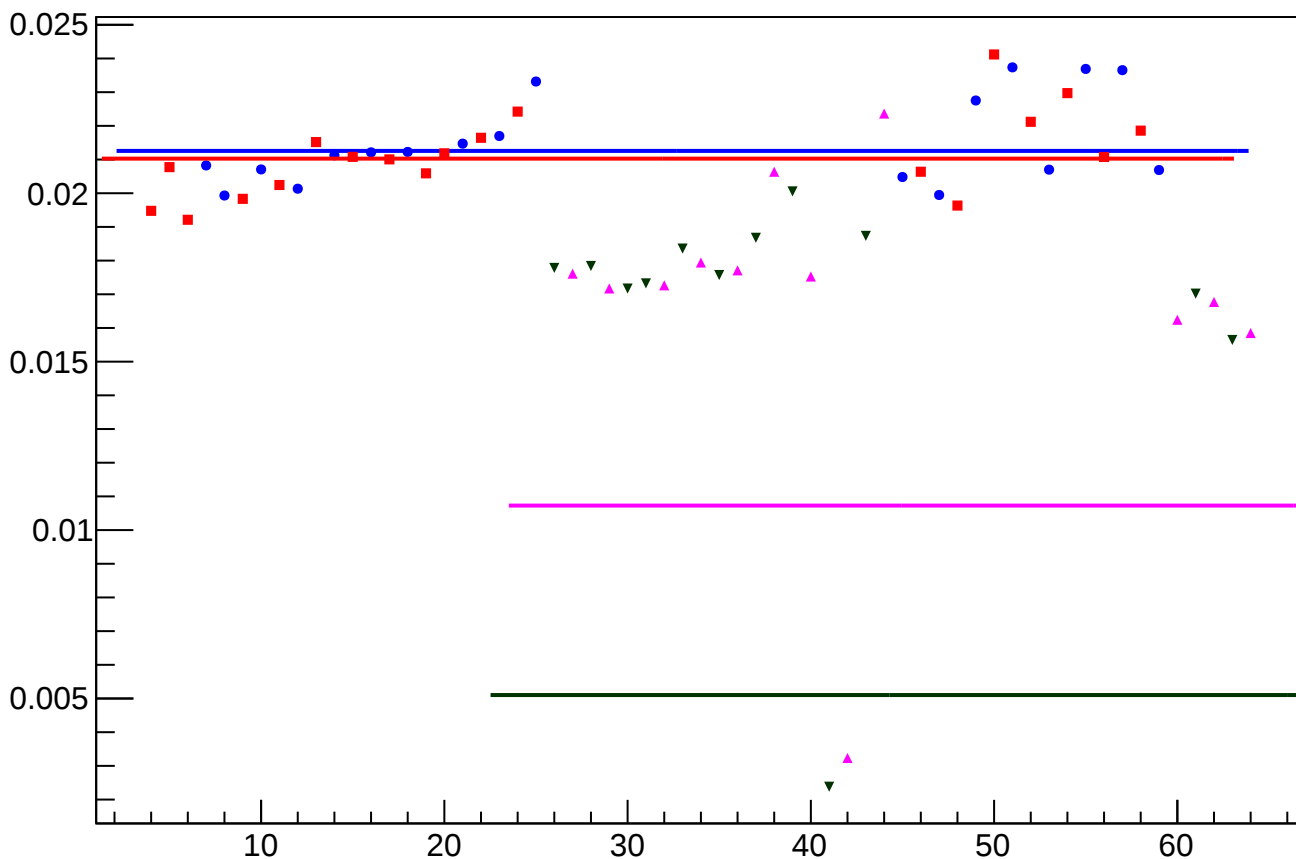
-0.581+/-0.000 χ^2/NDF : 18818539578.8/29

Right Out: -0.256+/-0.000 χ^2/NDF : 10103342122.6/18

-0.448+/-0.000 χ^2/NDF : 21670363928.2/30

Left In: -0.553+/-0.000 χ^2/NDF : 10311476262.2/11

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 64142.6/17

Left Out: 0.005+/-0.000 χ^2/NDF : 6915597.4/11

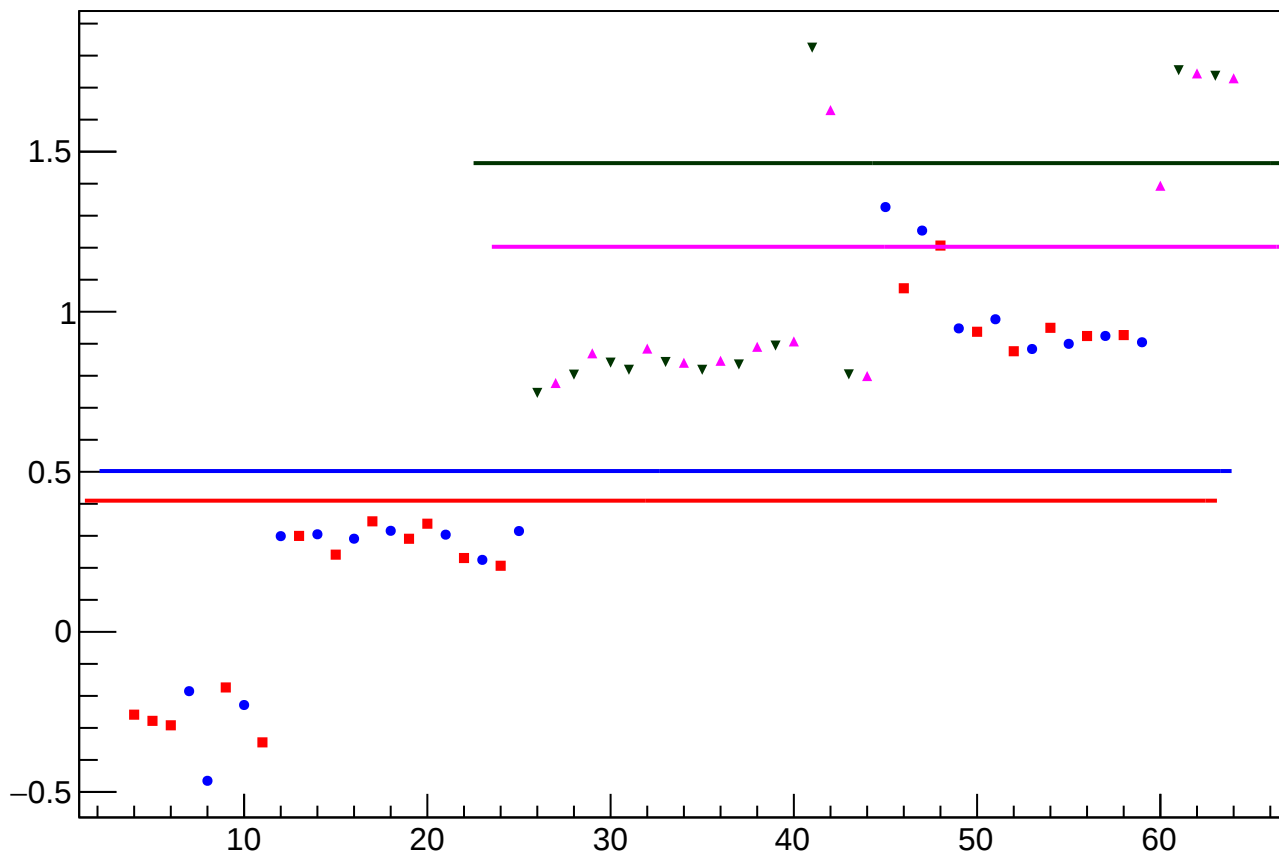
0.008+/-0.000 χ^2/NDF : 17216206.7/29

Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

0.014+/-0.000 χ^2/NDF : 7326571.4/30

Left In: 0.011+/-0.000 χ^2/NDF : 4235081.2/11

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.464 $\pm$ 0.000 χ^2 /NDF: 21054221609.0/11

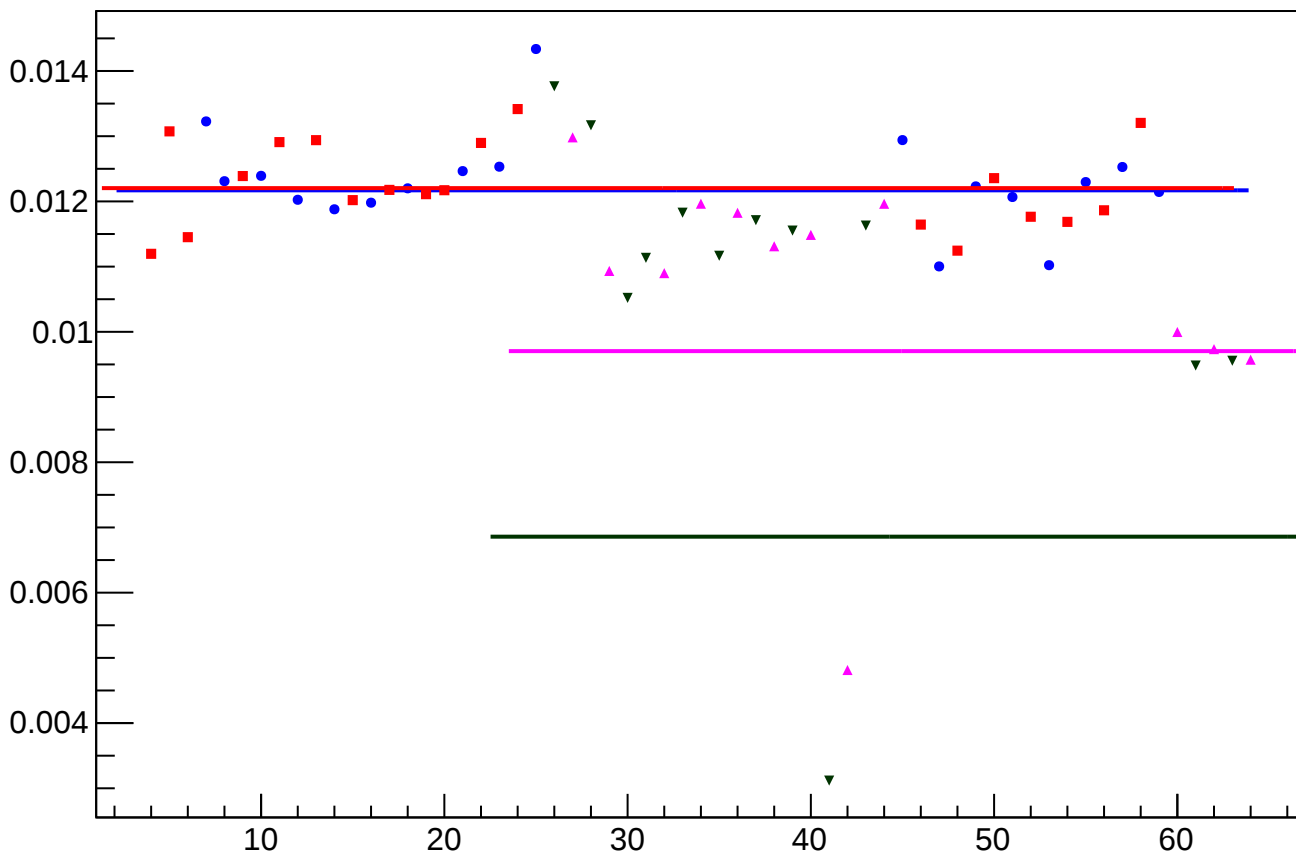
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.203 $\pm$ 0.000 χ^2 /NDF: 10486311177.8/11

1.043 $\pm$ 0.000 χ^2 /NDF: 78649590759.2/29

0.816 $\pm$ 0.000 χ^2 /NDF: 47742088878.9/30

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 45604.3/17

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:3216516.3/11

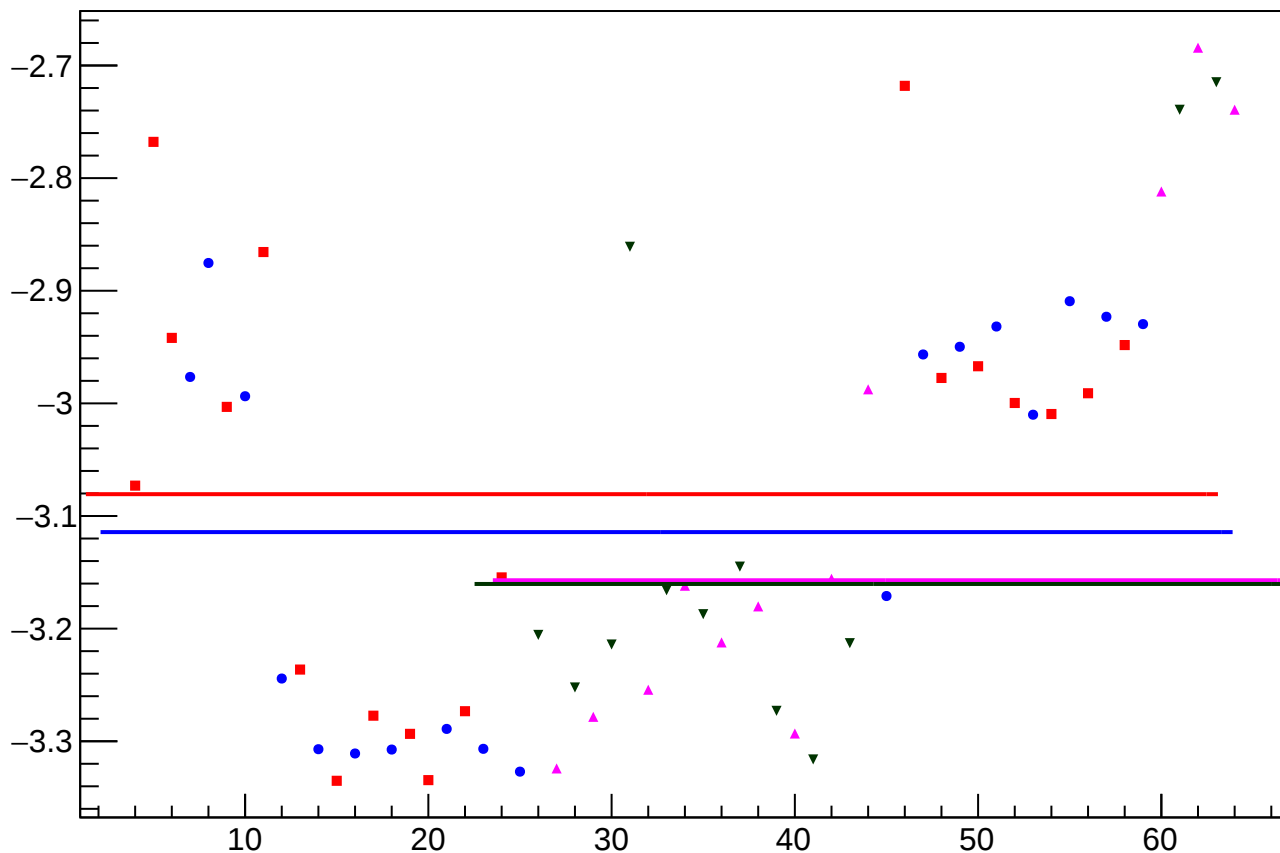
0.009 $\pm$ 0.000 χ^2 /NDF: 5606467.8/29

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1446962.9/30

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:980184.2/11

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.160+/-0.000 χ^2/NDF : 3367897788.1/11

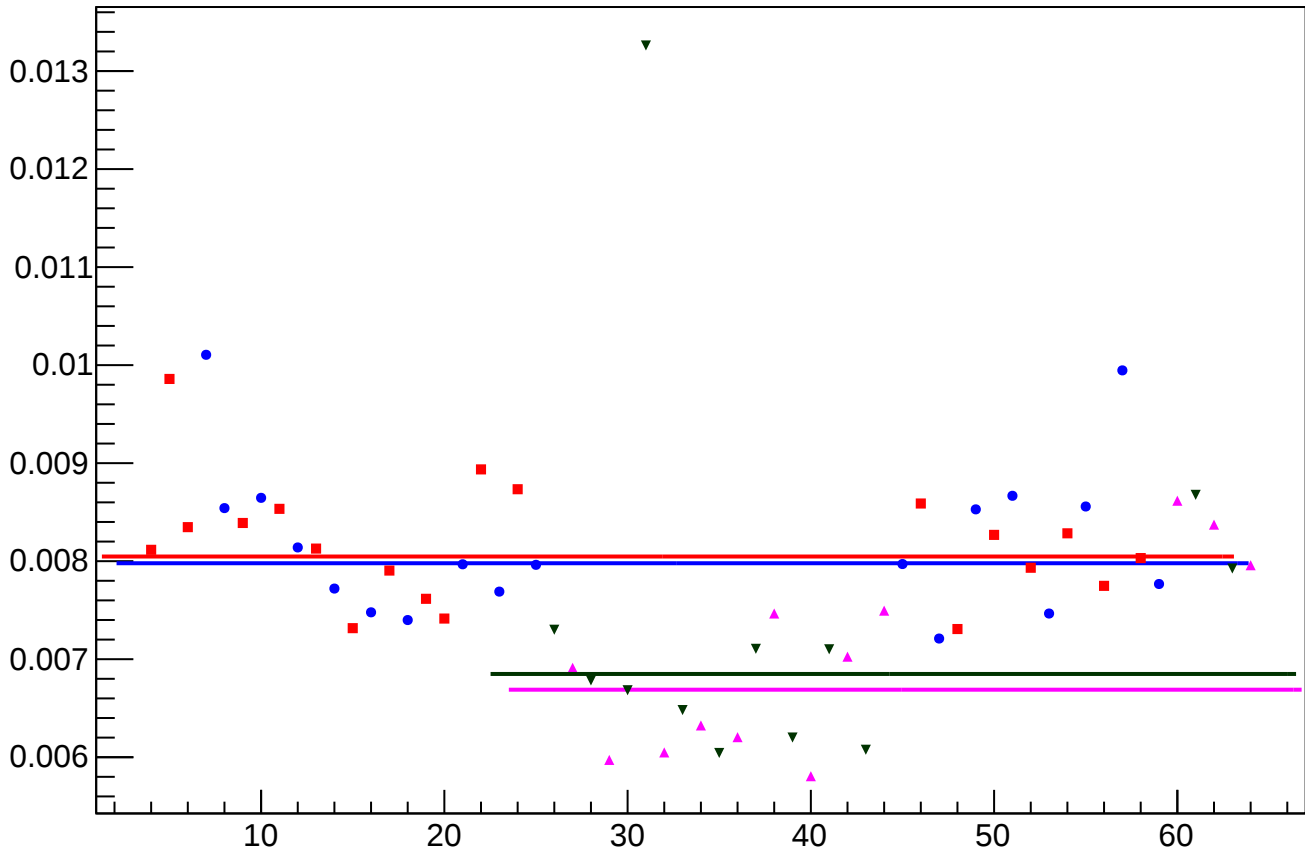
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.157+/-0.000 χ^2/NDF : 5244328601.9/11

-3.134+/-0.000 χ^2/NDF : 8132053947.4/29

-3.120+/-0.000 χ^2/NDF : 9476118743.5/30

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 : 232051.9/11

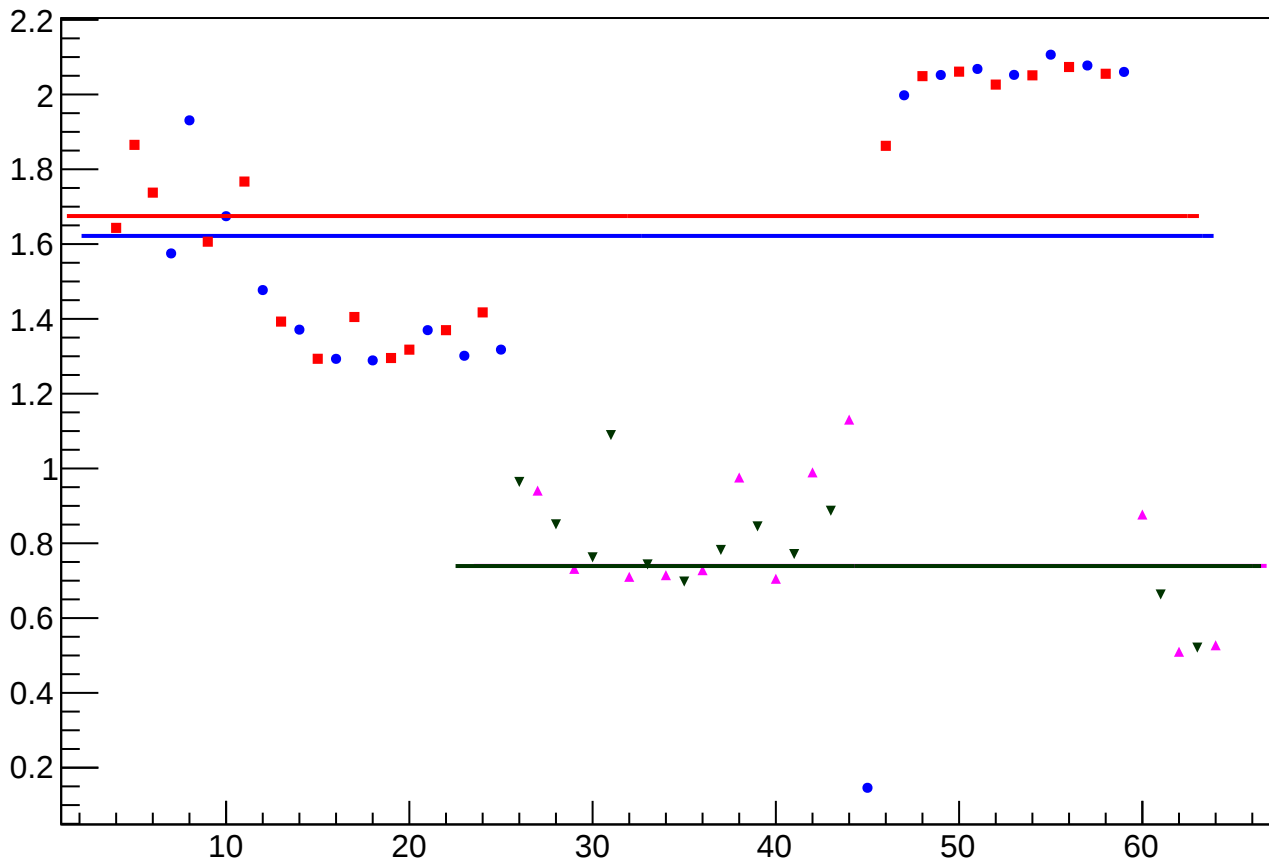
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 206593.4/11

0.007+/-0.000 χ^2/NDF : 491536.8/29

0.007+/-0.000 χ^2/NDF : 512135.9/30

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.739 $\pm$ 0.000 χ^2 /NDF:1460947998.3/11

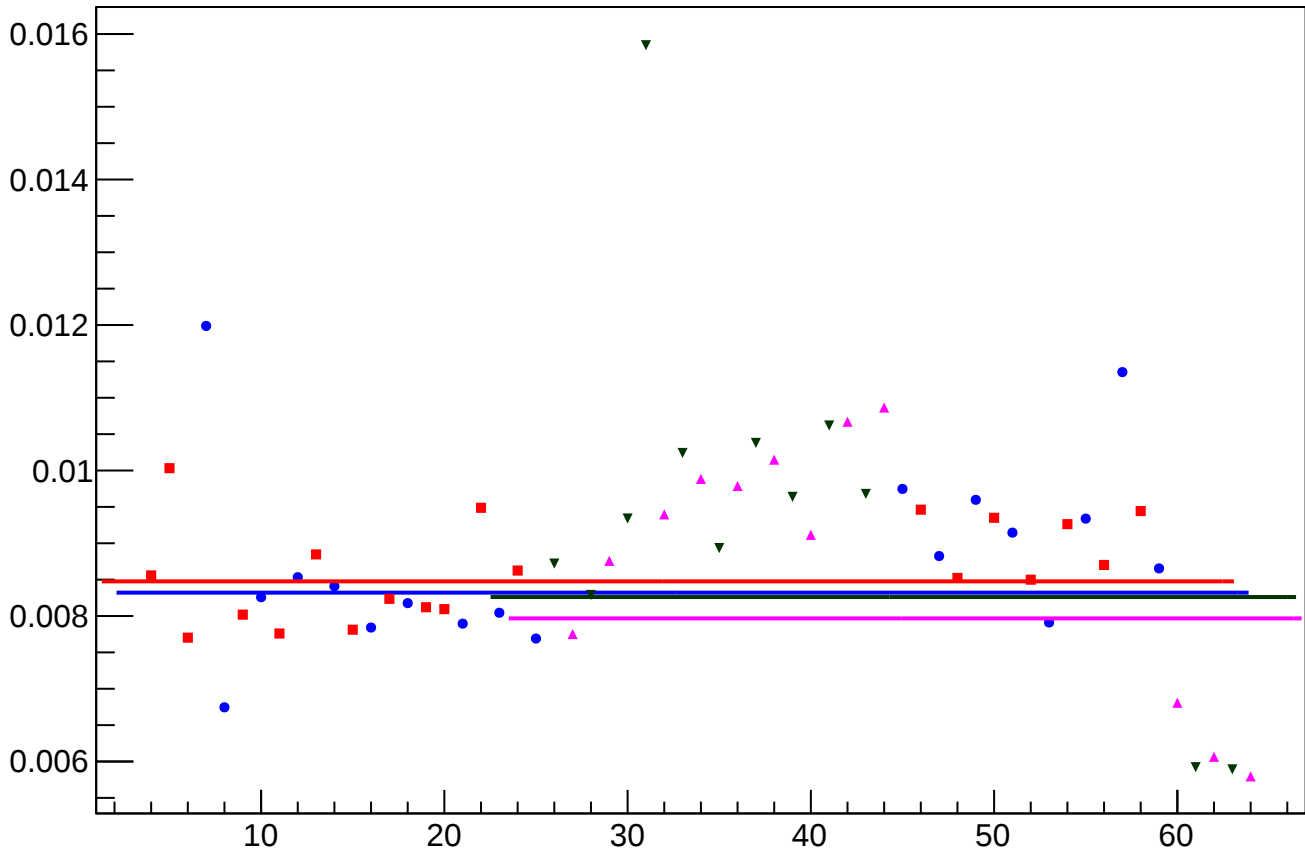
1.309 $\pm$ 0.000 χ^2 /NDF: 64764725089.6/29

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.247 $\pm$ 0.000 χ^2 /NDF: 58391143438.8/30

Left In: 0.740 $\pm$ 0.000 χ^2 /NDF:3048156188.9/11

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 231289.2/17

Left Out: 0.008+/-0.000 χ^2/NDF : 589676.2/11

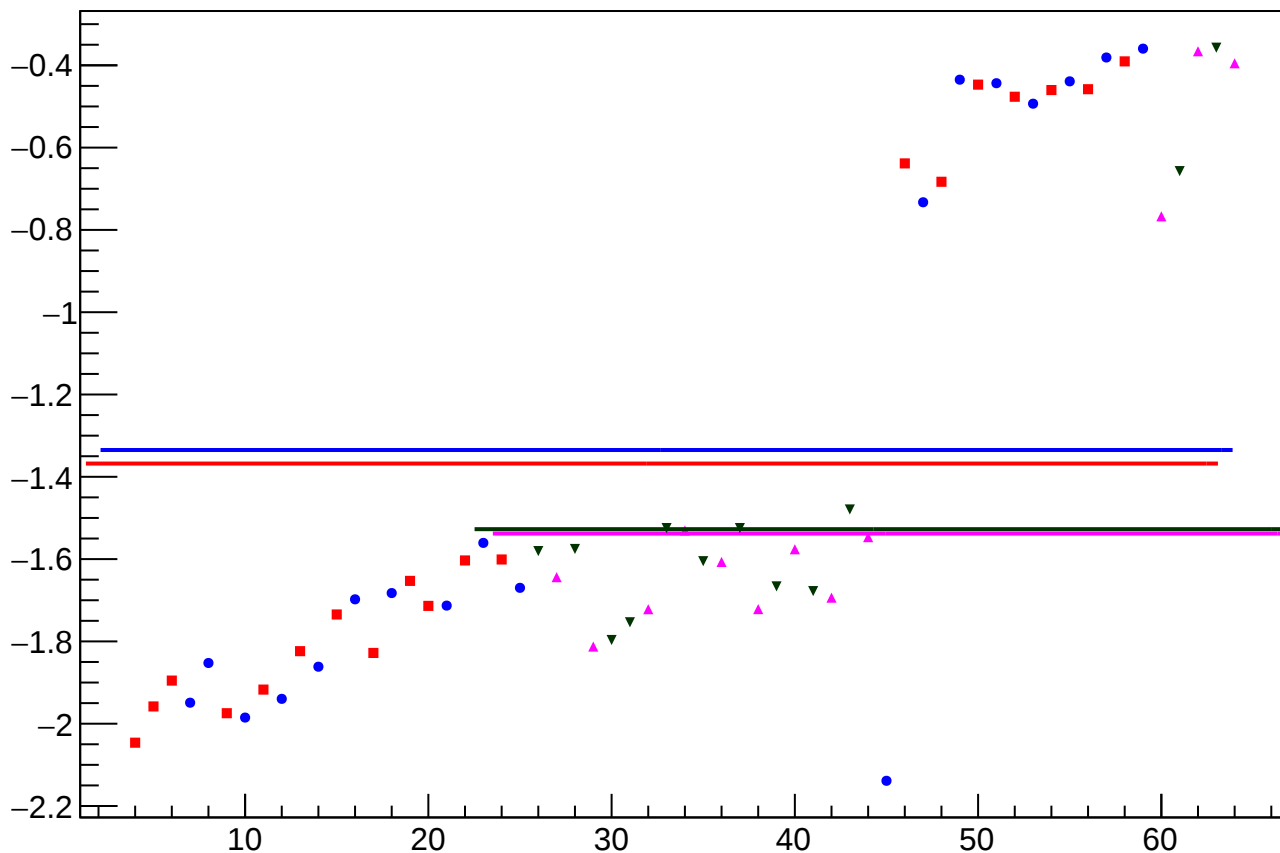
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.008+/-0.000 χ^2/NDF : 544803.8/11

0.008+/-0.000 χ^2/NDF : 821314.3/29

0.008+/-0.000 χ^2/NDF : 651943.1/30

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.527+/-0.000 χ^2/NDF : 3914428625.4/11

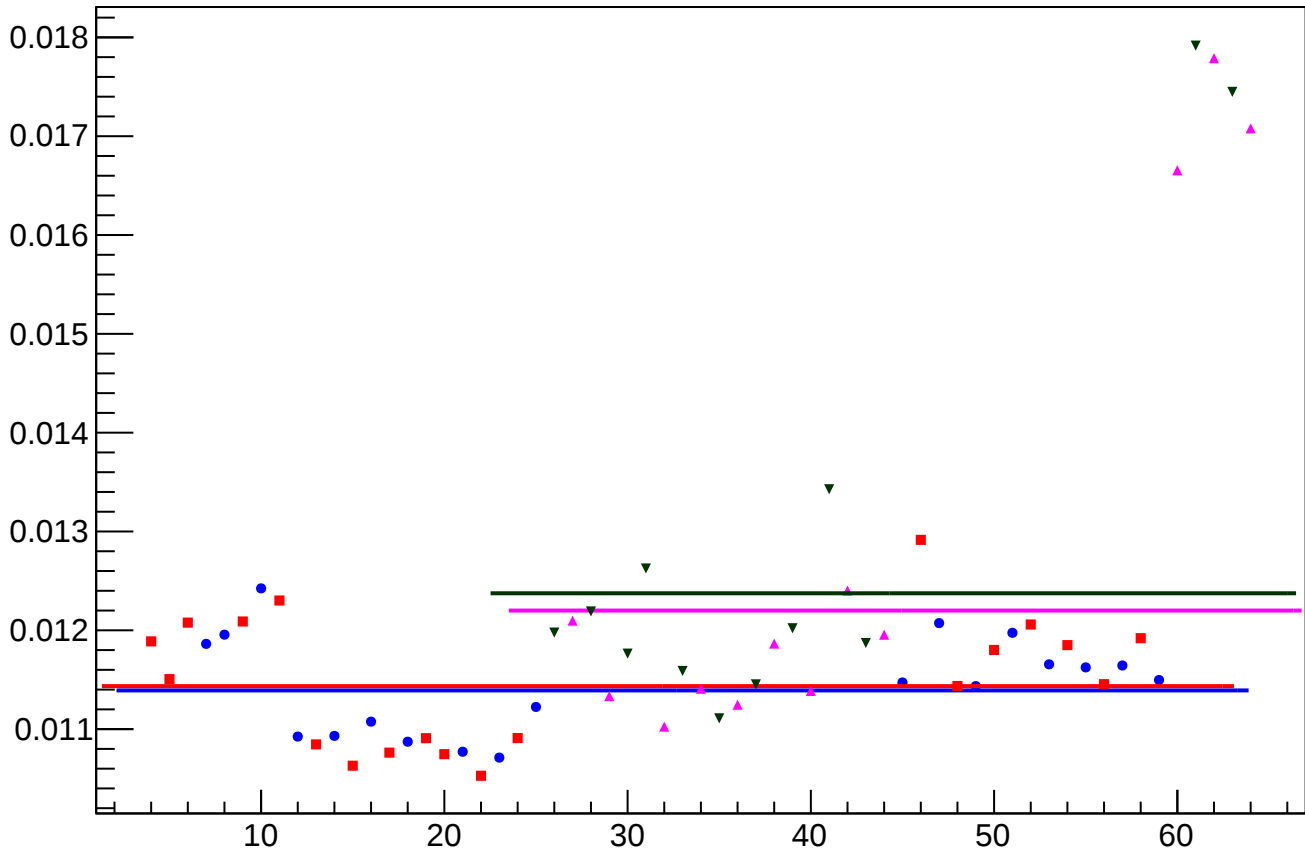
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.538+/-0.000 χ^2/NDF : 6652795932.6/11

-1.396+/-0.000 χ^2/NDF : 43313799198.8/29

-1.433+/-0.000 χ^2/NDF : 36544365516.3/30

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 41989.4/17

Left Out: 0.012+/-0.000 χ^2/NDF : 206484.0/11

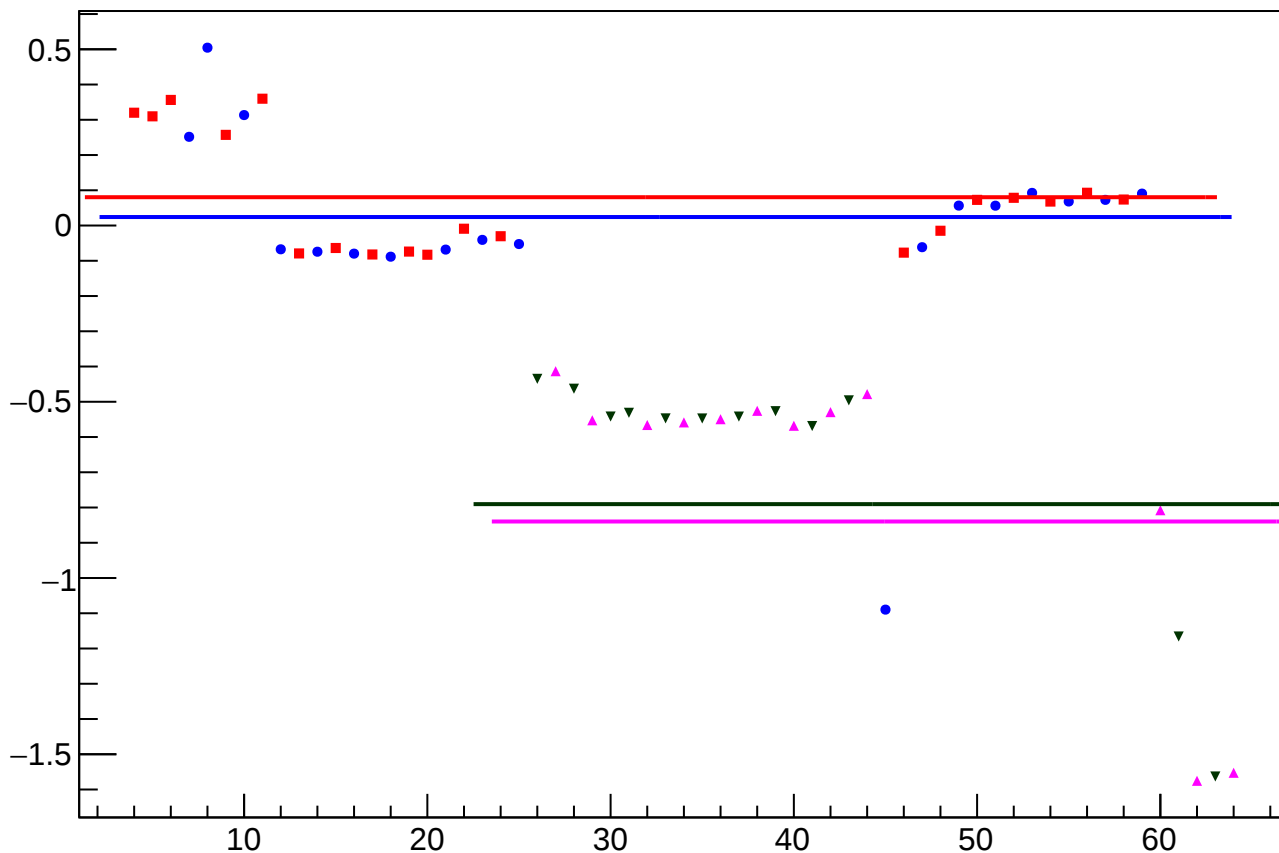
Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

Left In: 0.012+/-0.000 χ^2/NDF : 306770.5/11

0.012+/-0.000 χ^2/NDF : 300794.0/29

0.012+/-0.000 χ^2/NDF : 406169.2/30

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -0.790+/-0.000 χ^2/NDF : 20570849697.8/11

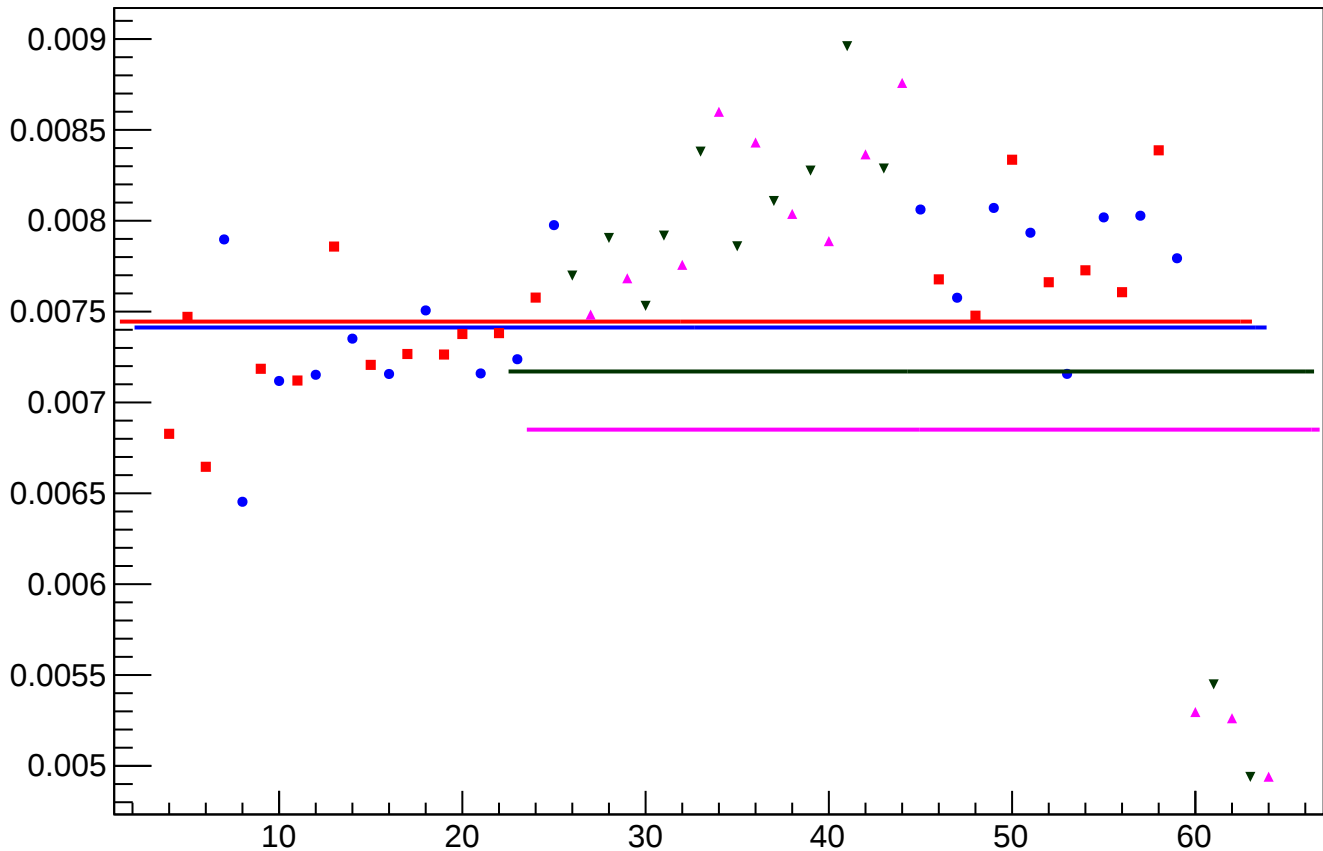
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.840+/-0.000 χ^2/NDF : 29169736408.8/11

-0.273+/-0.000 χ^2/NDF : 86734216785.3/29

-0.338+/-0.000 χ^2/NDF : 100117435021.0/30

yield_bpm0l04Y_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 91120.7/17

Left Out: 0.007 ± 0.000 χ^2/NDF : 441449.8/11

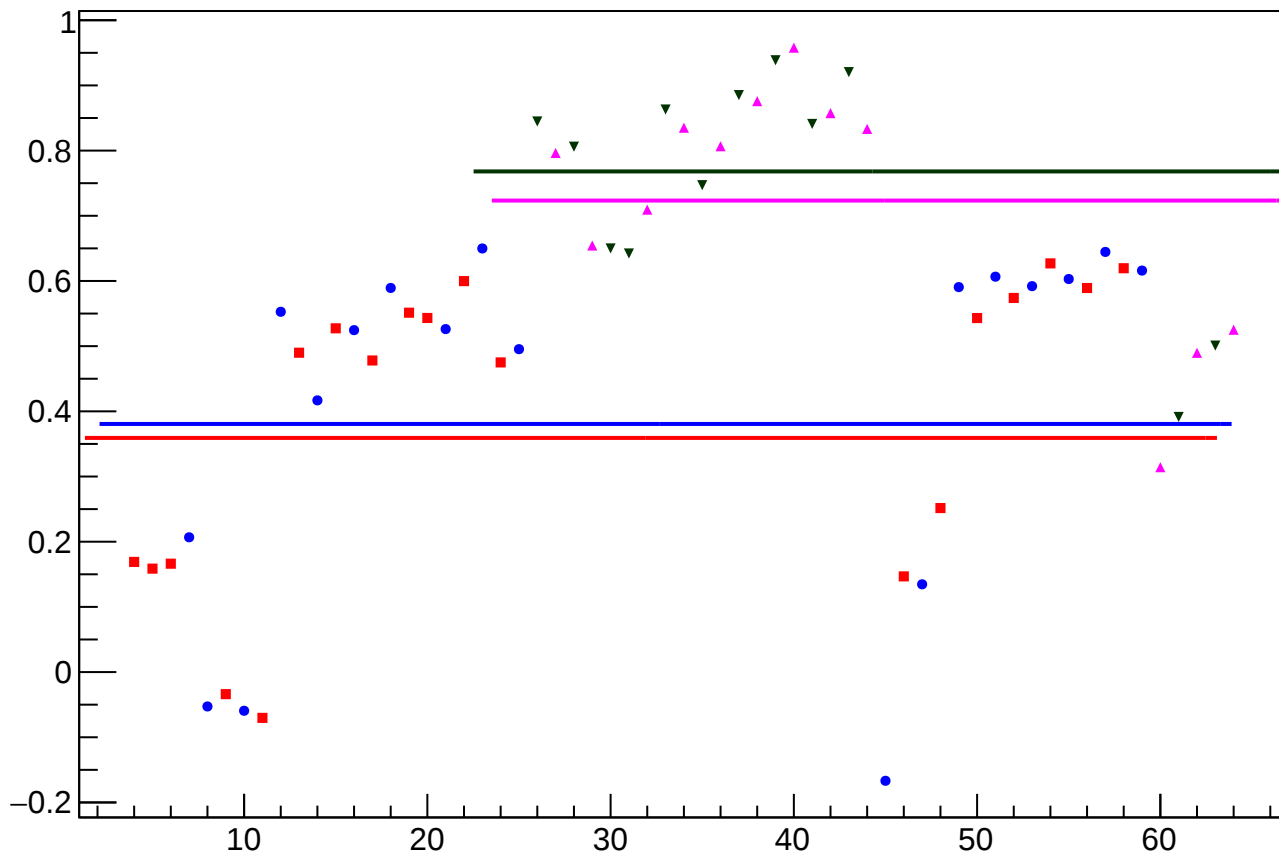
Right Out: 0.007 ± 0.000 χ^2/NDF : 61122.7/18

Left In: 0.007 ± 0.000 χ^2/NDF : 585150.1/11

0.007 ± 0.000 χ^2/NDF : 541038.1/29

0.007 ± 0.000 χ^2/NDF : 701737.6/30

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.768+/-0.000 χ^2/NDF : 2806422547.2/11

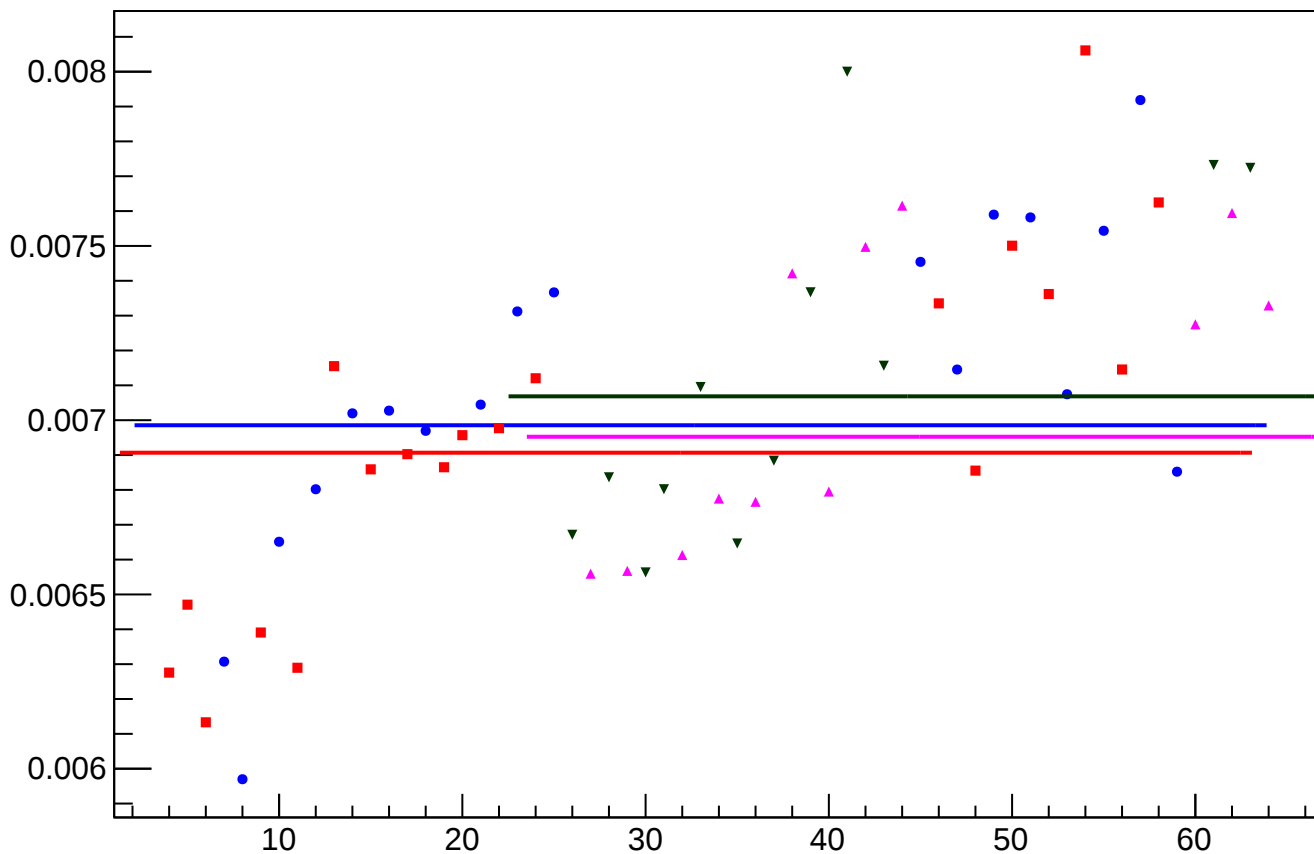
Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

Left In: 0.723+/-0.000 χ^2/NDF : 3971895996.1/11

0.518+/-0.000 χ^2/NDF : 32486971656.3/29

0.512+/-0.000 χ^2/NDF : 27131618660.9/30

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 : 48312.0/11

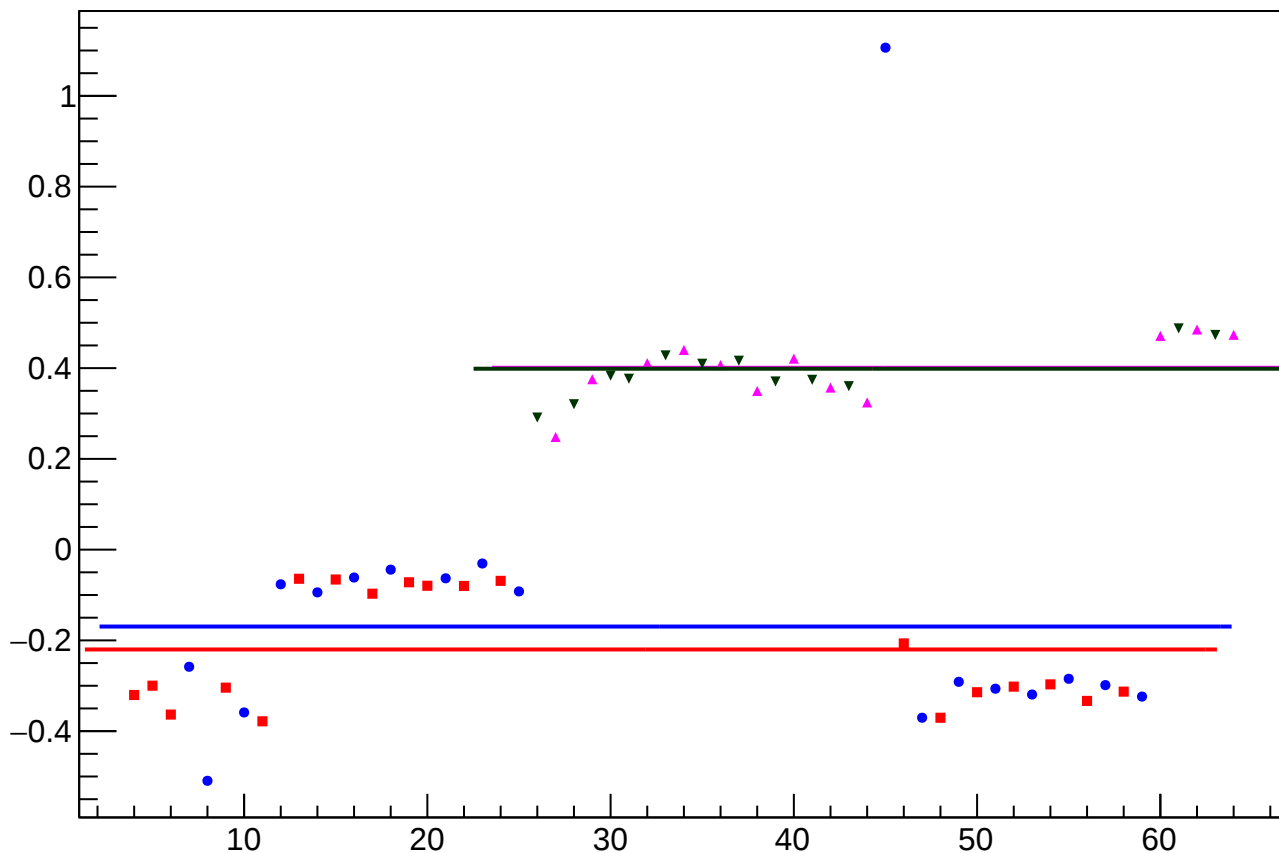
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 47258.3/11

0.007+/-0.000 χ^2/NDF : 156561.2/29

0.007+/-0.000 χ^2/NDF : 145169.6/30

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.399+/-0.000 χ^2/NDF : 765716068.5/11

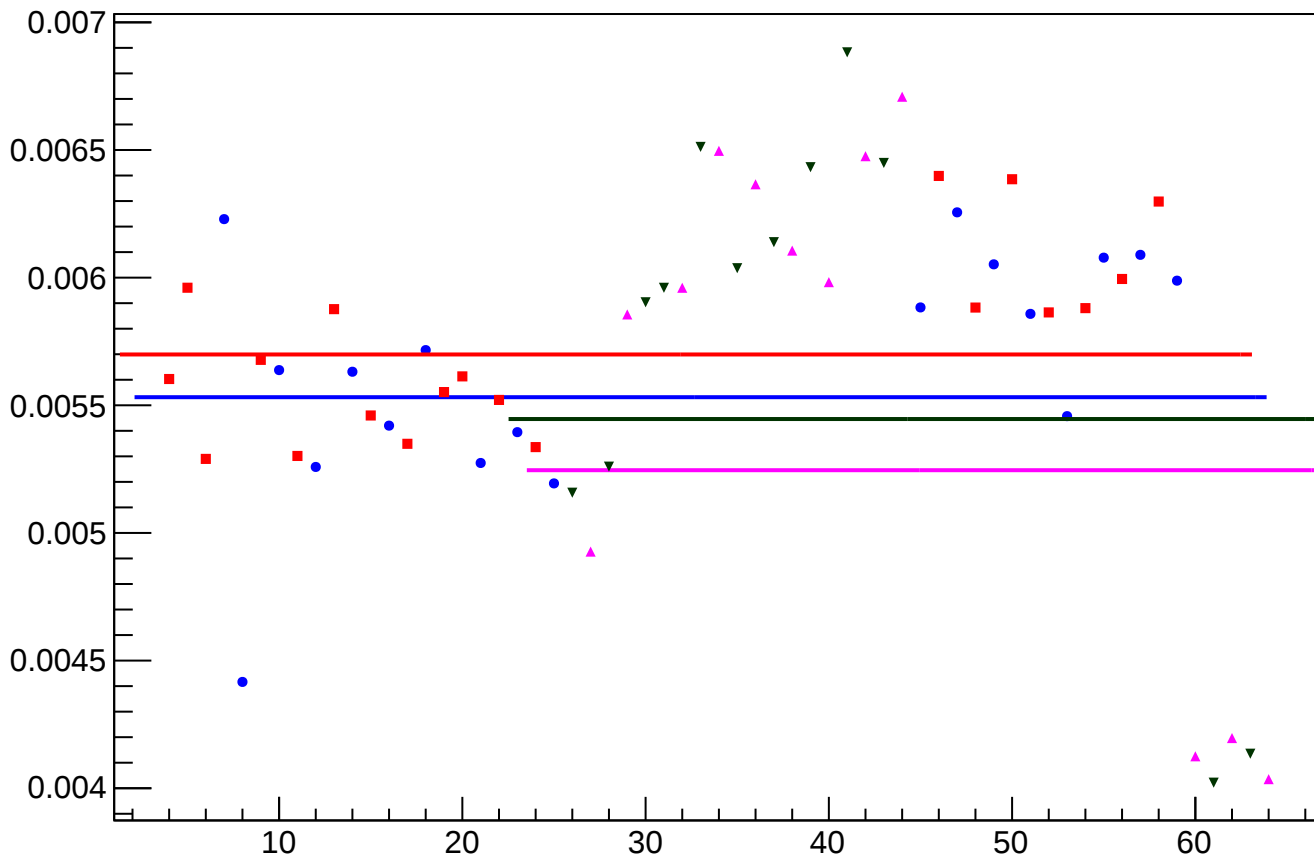
0.034+/-0.000 χ^2/NDF : 78598362487.8/29

Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

0.063+/-0.000 χ^2/NDF : 57650671924.2/30

Left In: 0.401+/-0.000 χ^2/NDF : 1458519789.3/11

yield_bpm0l05Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 186989.4/17

Left Out: 0.005+/-0.000 χ^2/NDF : 369951.4/11

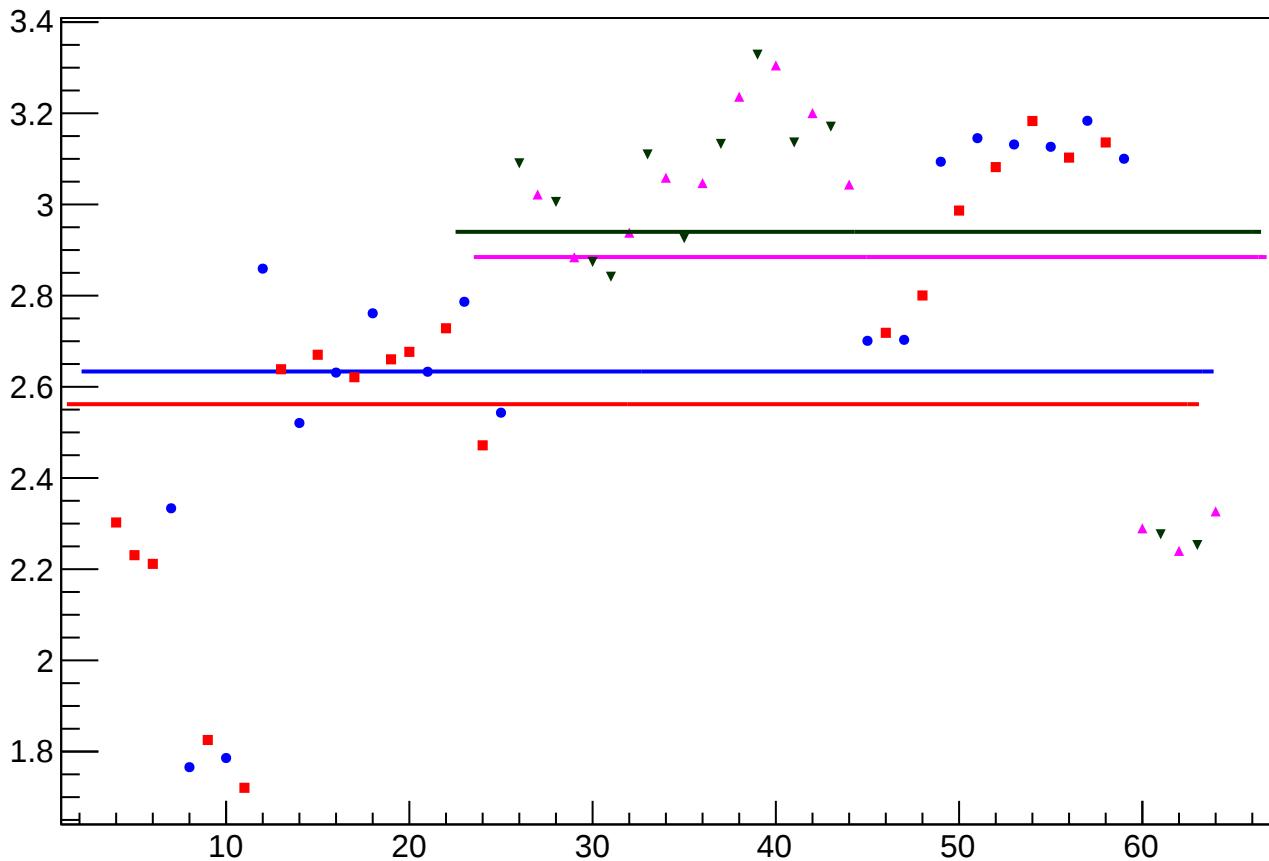
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 465500.9/11

0.006+/-0.000 χ^2/NDF : 558784.9/29

0.005+/-0.000 χ^2/NDF : 586804.4/30

yield_bpm0l06X_mean vs slug



Right In: 2.634+/-0.000 χ^2/NDF : 15879791998.3/17

Left Out: 2.940+/-0.000 χ^2/NDF : 6363686643.8/11

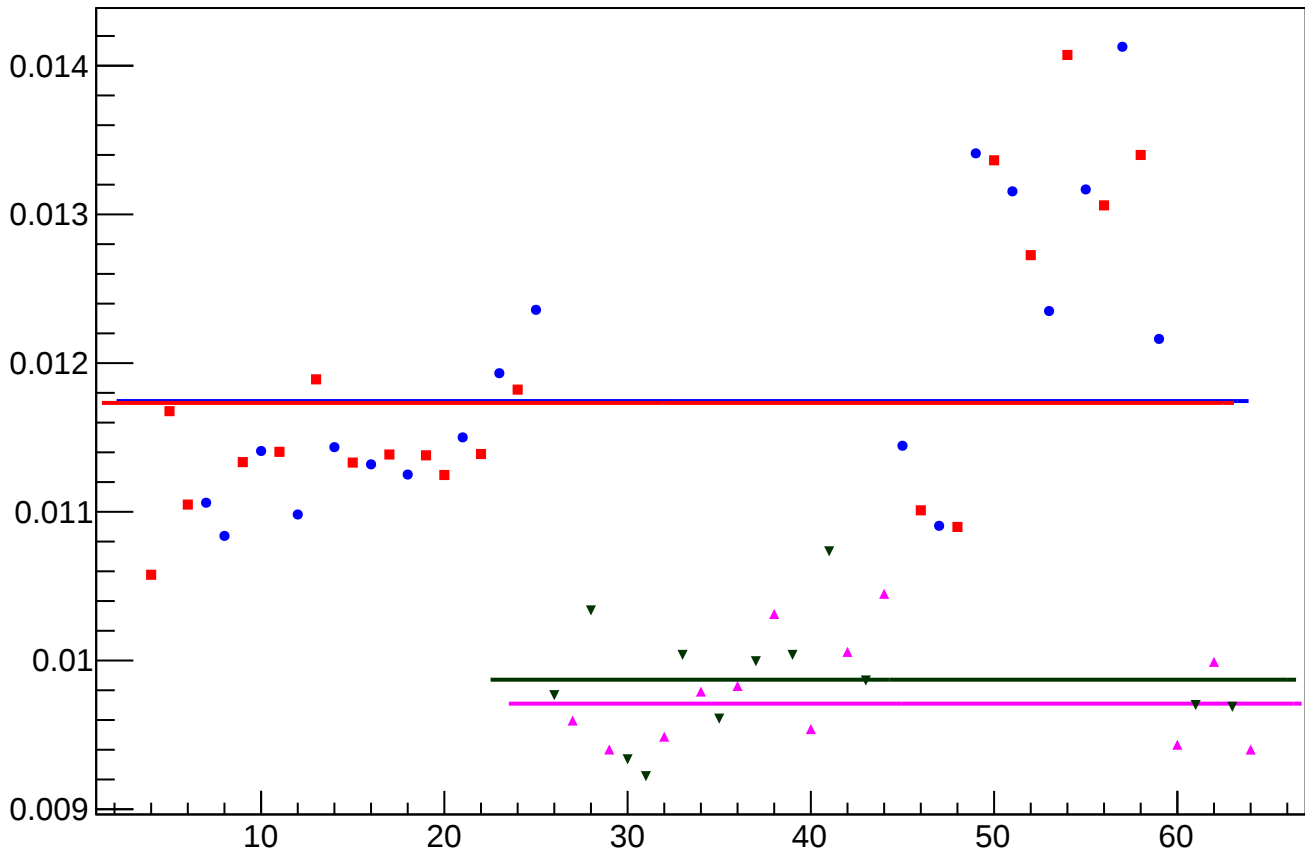
2.770+/-0.000 χ^2/NDF : 25546477525.9/29

Right Out: 2.562+/-0.000 χ^2/NDF : 12349960173.0/18

2.729+/-0.000 χ^2/NDF : 24578728115.9/30

Left In: 2.885+/-0.000 χ^2/NDF : 8465858612.1/11

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 :19534.1/11

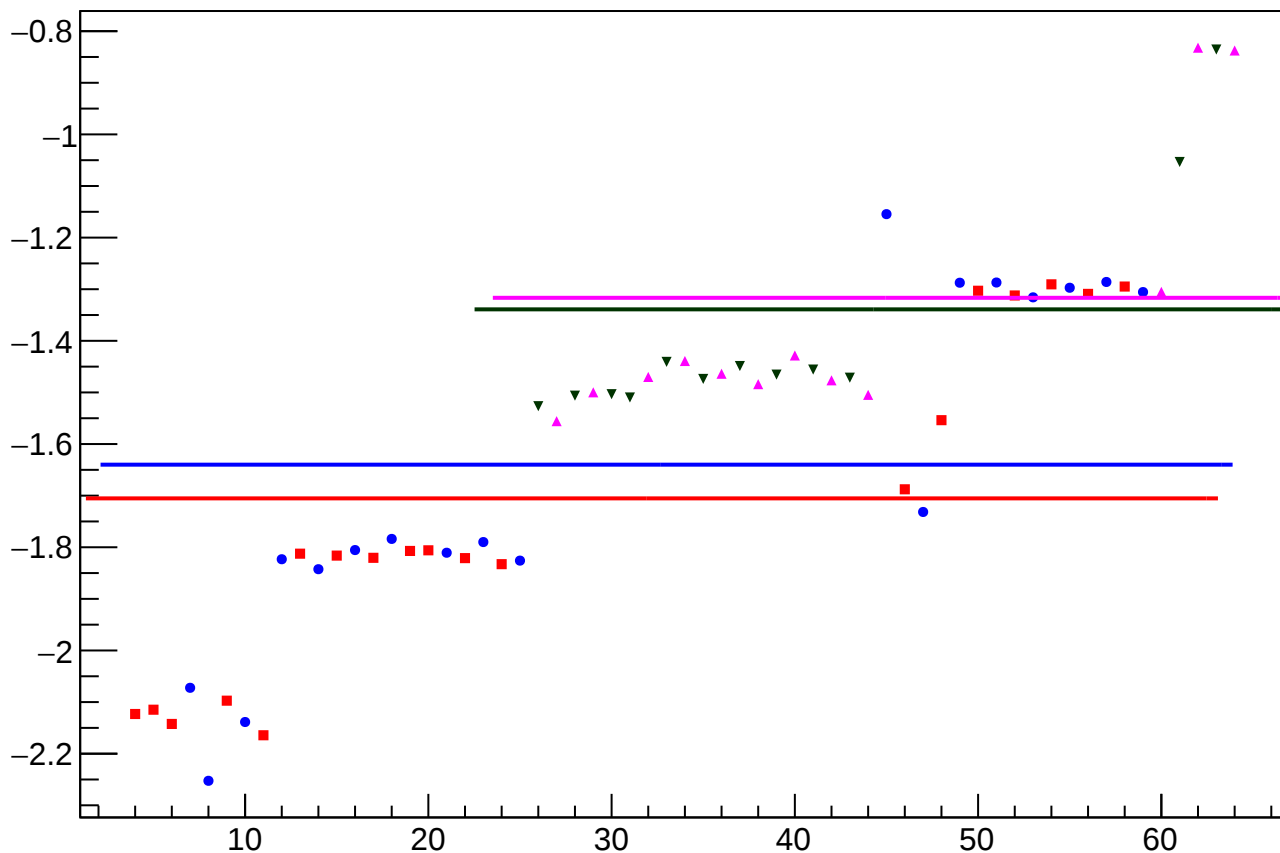
0.011+/-0.000 χ^2/NDF : 384108.1/29

Right Out: 0.012+/-0.000 χ^2/NDF : 107336.5/18

0.011+/-0.000 χ^2/NDF : 418838.5/30

Left In: 0.010+/-0.000 χ^2/NDF :16096.9/11

yield_bpm0l06Y_mean vs slug



Right In: -1.640 ± 0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.339 ± 0.000 χ^2/NDF : 14680264681.9/11

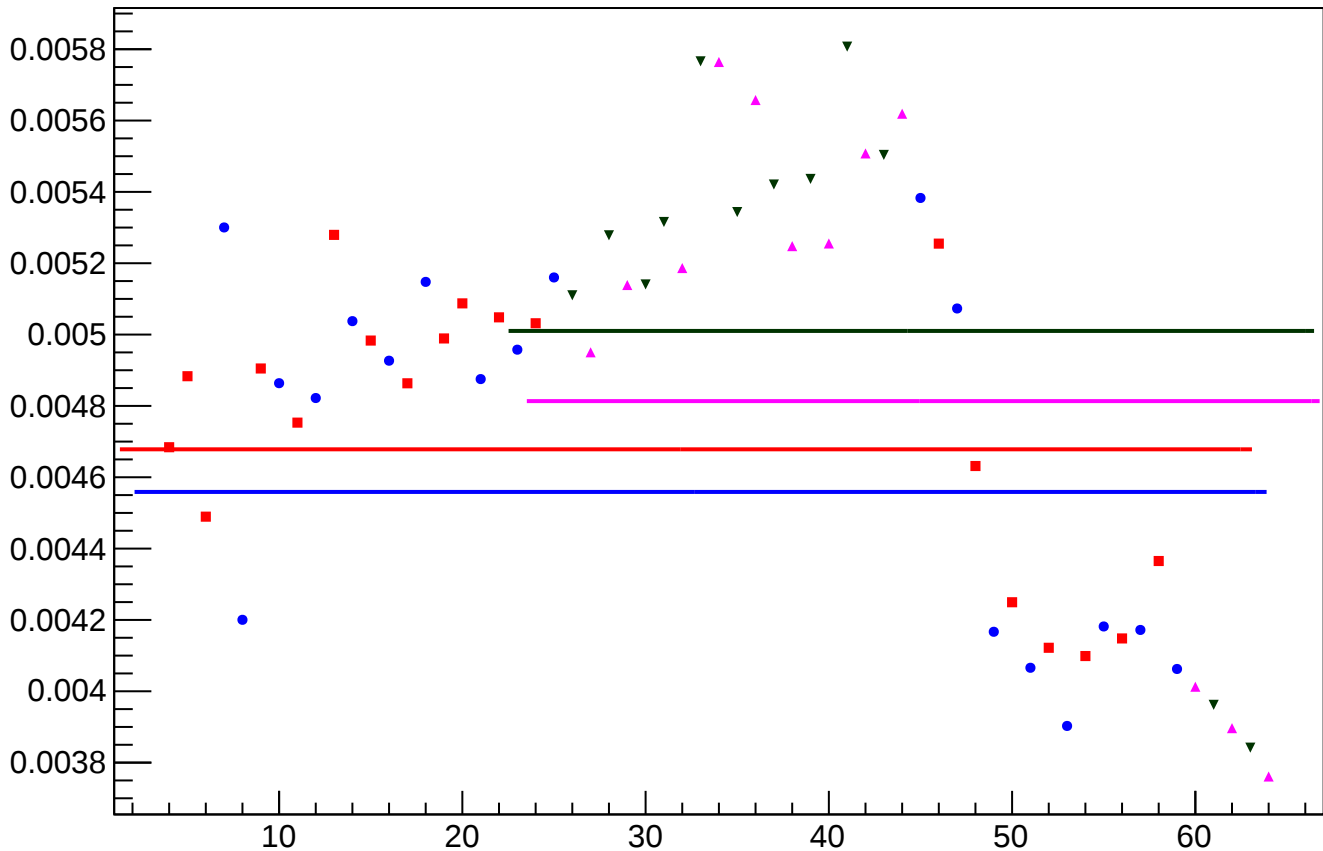
Right Out: -1.705 ± 0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.317 ± 0.000 χ^2/NDF : 22019643289.9/11

-1.546 ± 0.000 χ^2/NDF : 93318819865.3/29

-1.548 ± 0.000 χ^2/NDF : 94177457472.4/30

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 :222441.2/11

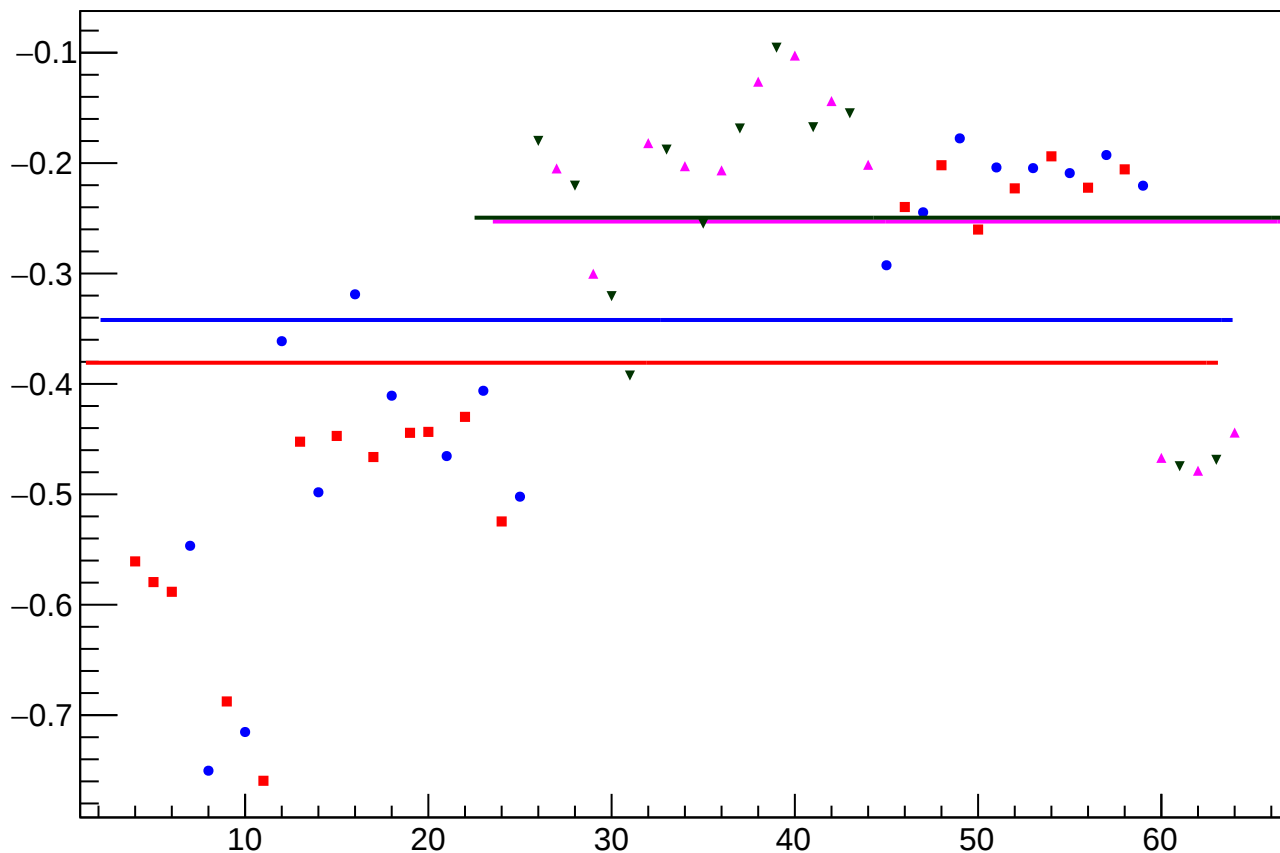
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF :293368.2/11

0.005+/-0.000 χ^2/NDF : 517510.7/29

0.005+/-0.000 χ^2/NDF : 436263.1/30

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.249+/-0.000 χ^2/NDF : 397788184.4/11

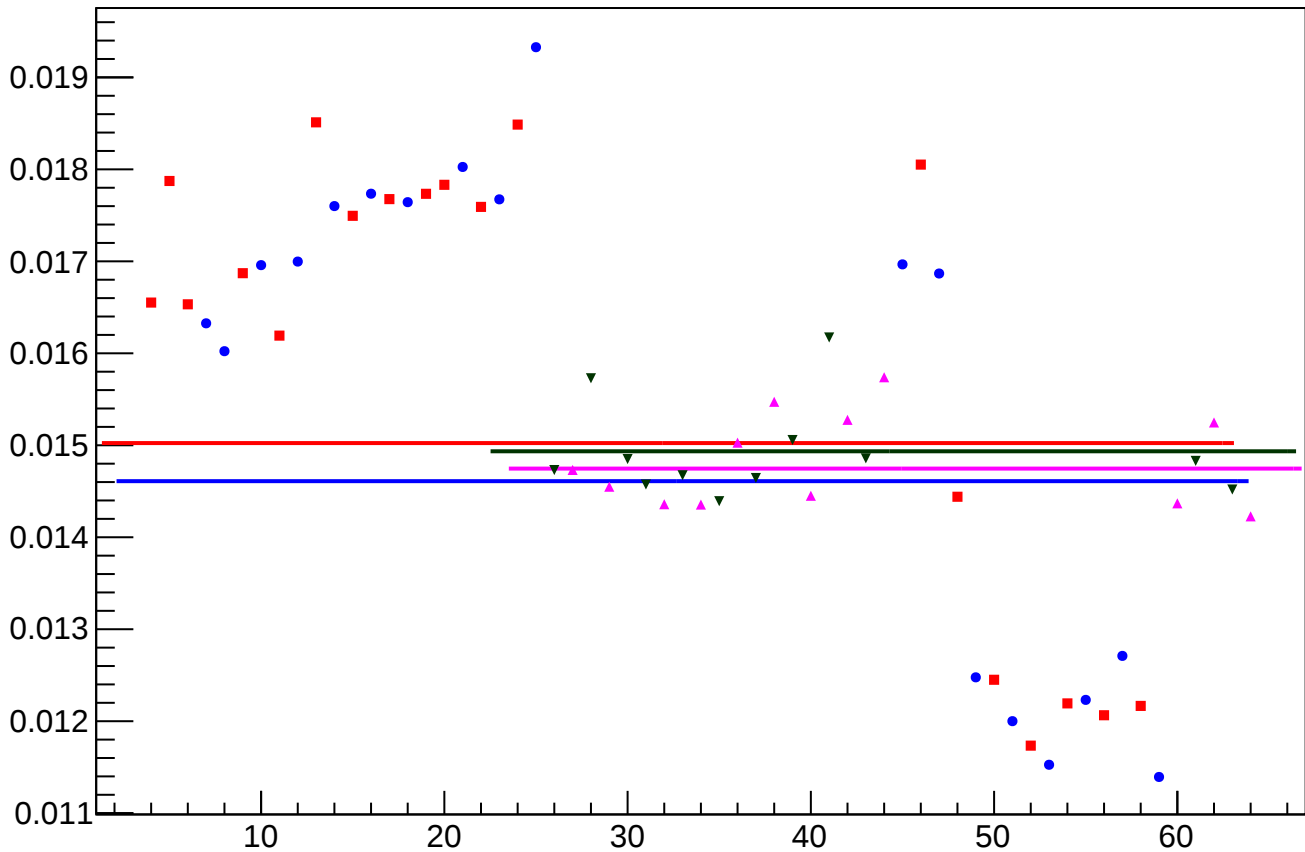
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.253+/-0.000 χ^2/NDF : 484042255.0/11

-0.309+/-0.000 χ^2/NDF : 2221809652.1/29

-0.324+/-0.000 χ^2/NDF : 2170085725.7/30

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 : 14216.4/11

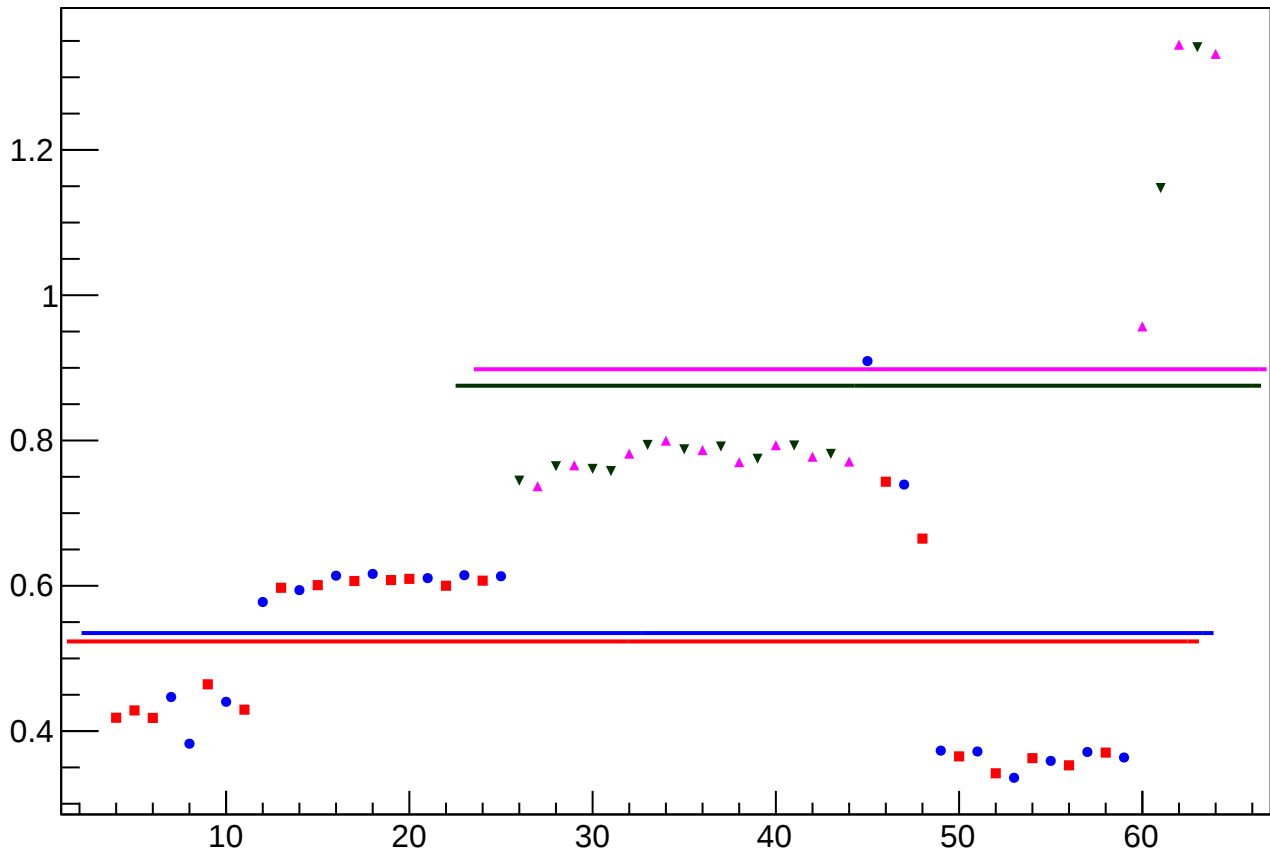
Right Out: 0.015 ± 0.000 χ^2/NDF : 573783.3/18

Left In: 0.015 ± 0.000 χ^2/NDF : 13844.8/11

0.015 ± 0.000 χ^2/NDF : 729932.6/29

0.015 ± 0.000 χ^2/NDF : 590442.7/30

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 0.875+/-0.000 χ^2/NDF : 25073247758.1/11

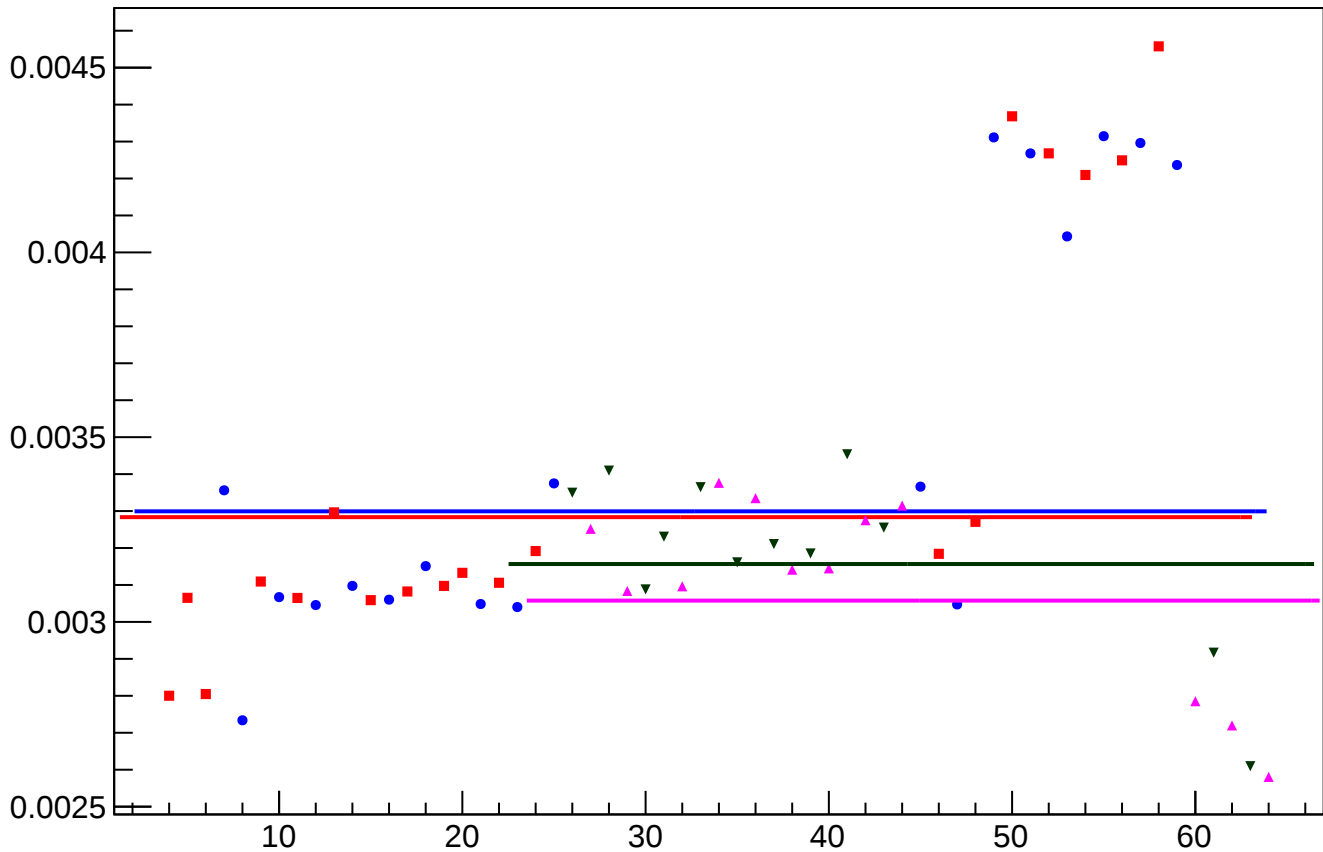
Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

Left In: 0.898+/-0.000 χ^2/NDF : 36685543406.4/11

0.665+/-0.000 χ^2/NDF : 89936048697.9/29

0.696+/-0.000 χ^2/NDF : 104913399865.9/30

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 :75768.1/11

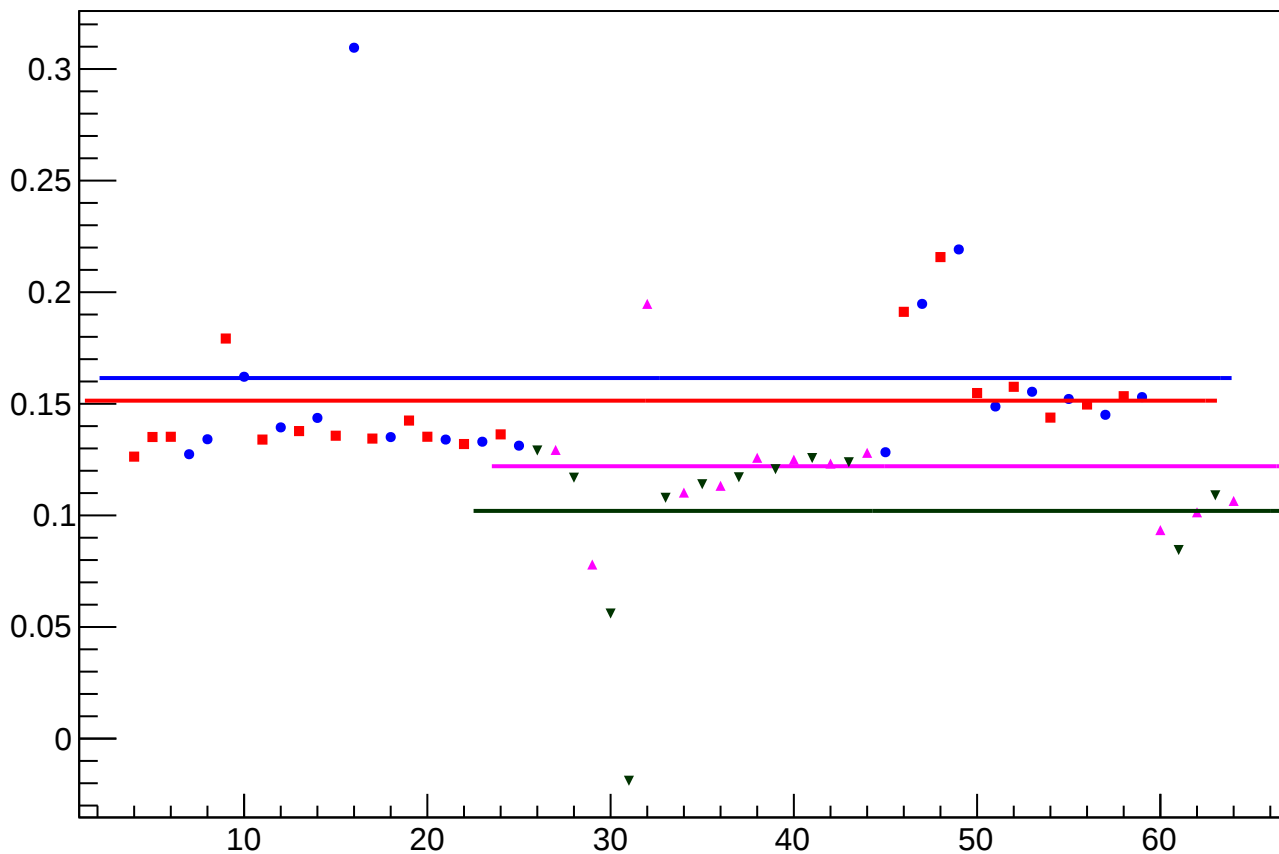
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF :94865.7/11

0.003+/-0.000 χ^2/NDF : 588643.9/29

0.003+/-0.000 χ^2/NDF : 518358.1/30

yield_bpm0l08X_mean vs slug



Right In: 0.162 ± 0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.102 ± 0.000 χ^2/NDF : 43375033.5/11

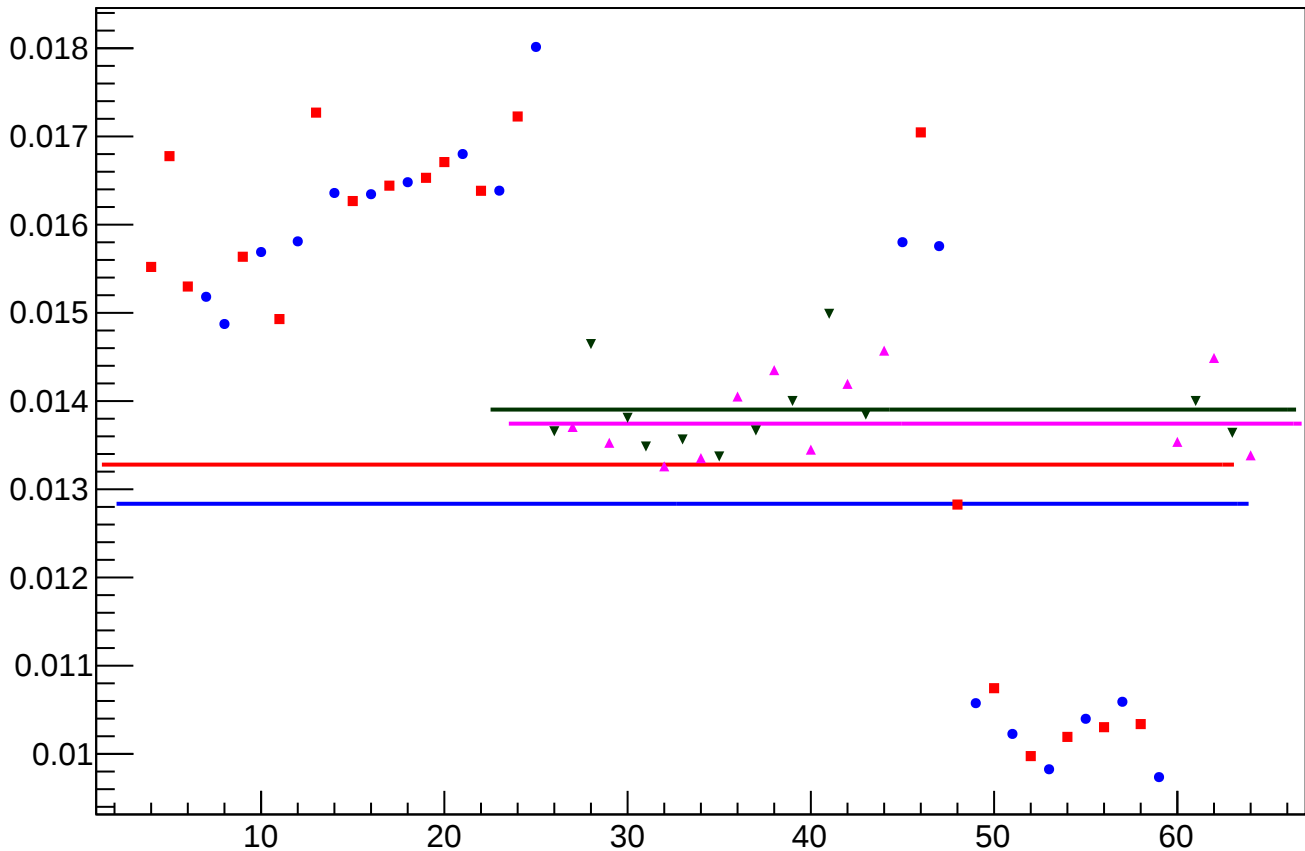
Right Out: 0.151 ± 0.000 χ^2/NDF : 22463584.0/18

Left In: 0.122 ± 0.000 χ^2/NDF : 40321176.0/11

0.141 ± 0.000 χ^2/NDF : 214060347.4/29

0.139 ± 0.000 χ^2/NDF : 81610994.8/30

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 :13853.6/11

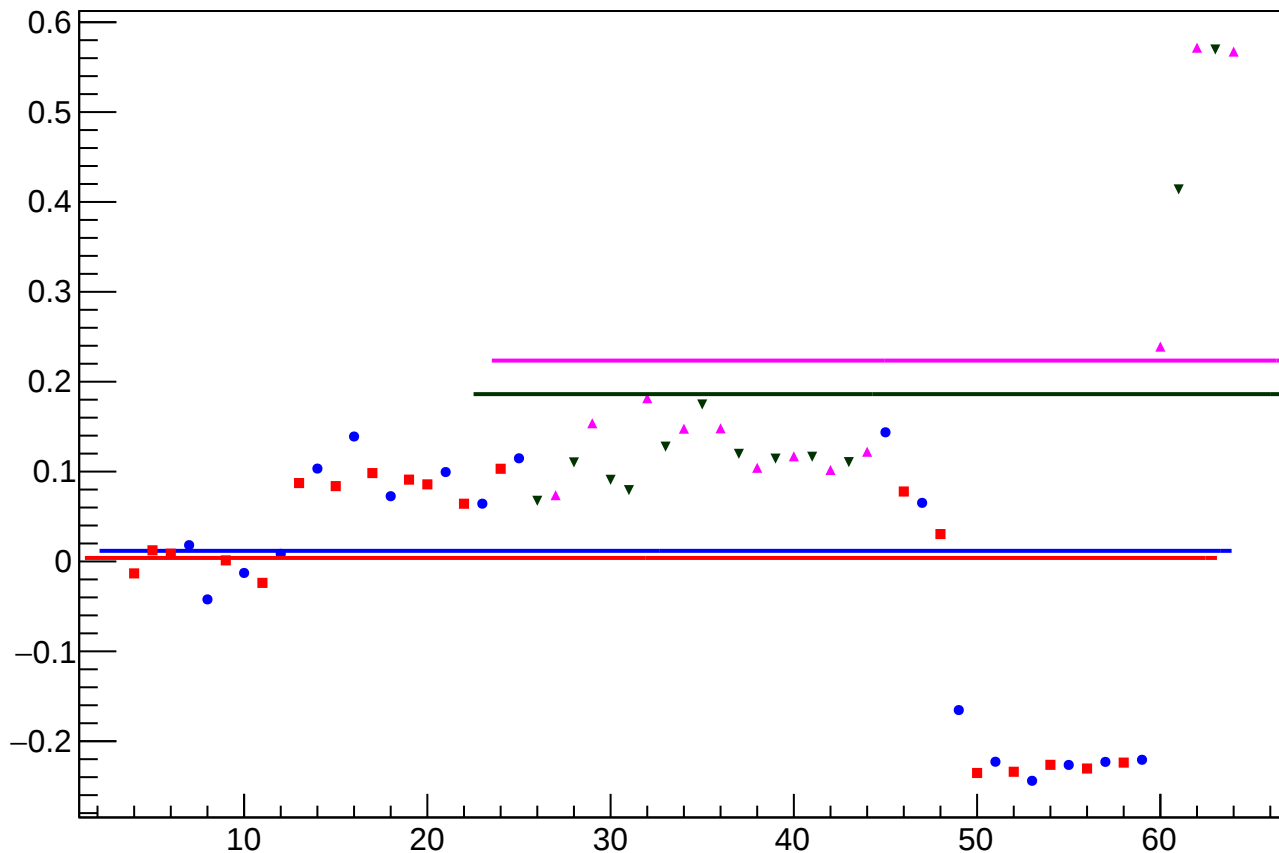
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :14271.0/11

0.013+/-0.000 χ^2/NDF : 1150981.5/29

0.013+/-0.000 χ^2/NDF : 913683.1/30

yield_bpm0l08Y_mean vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 12179192870.2/17

Left Out: 0.186+/-0.000 χ^2/NDF :15278004497.7/11

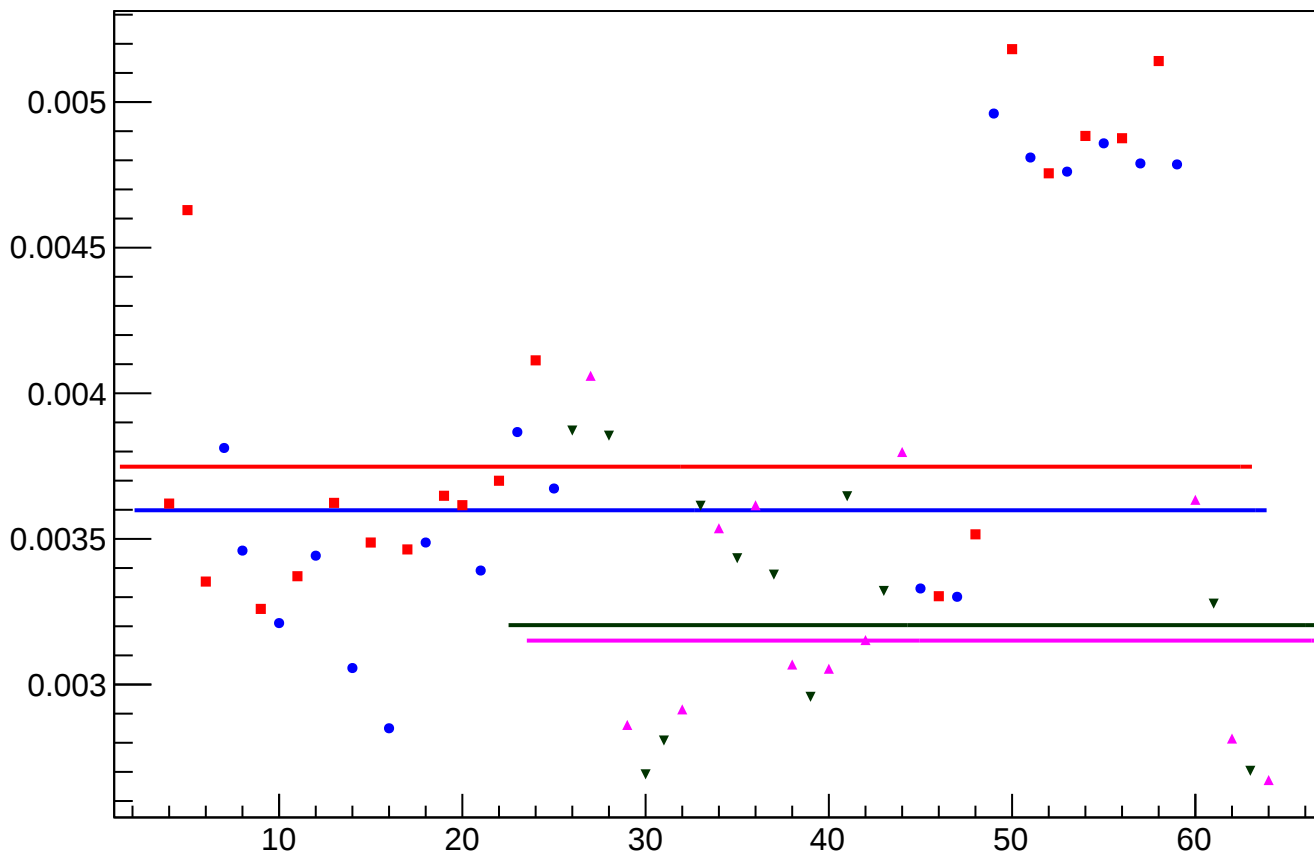
Right Out: 0.004+/-0.000 χ^2/NDF : 7924148421.7/18

Left In: 0.224+/-0.000 χ^2/NDF :20455866564.7/11

0.085+/-0.000 χ^2/NDF : 37677783576.2/29

0.116+/-0.000 χ^2/NDF : 44527808629.1/30

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 :197338.4/11

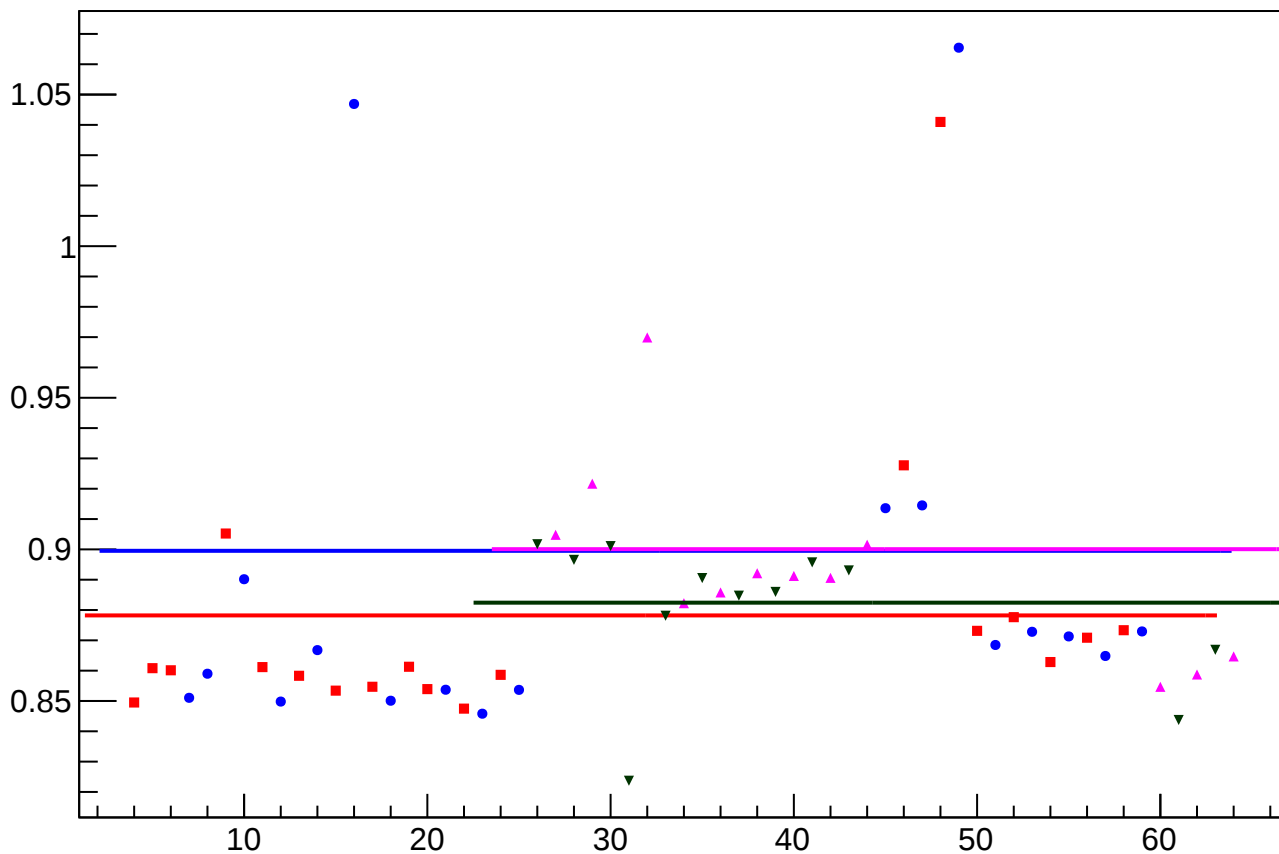
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF :232901.5/11

0.003+/-0.000 χ^2/NDF : 974892.3/29

0.003+/-0.000 χ^2/NDF : 899023.5/30

yield_bpm0l09X_mean vs slug



Right In: 0.900+/-0.000 χ^2/NDF : 324904340.4/17

Left Out: 0.882+/-0.000 χ^2/NDF : 14855766.7/11

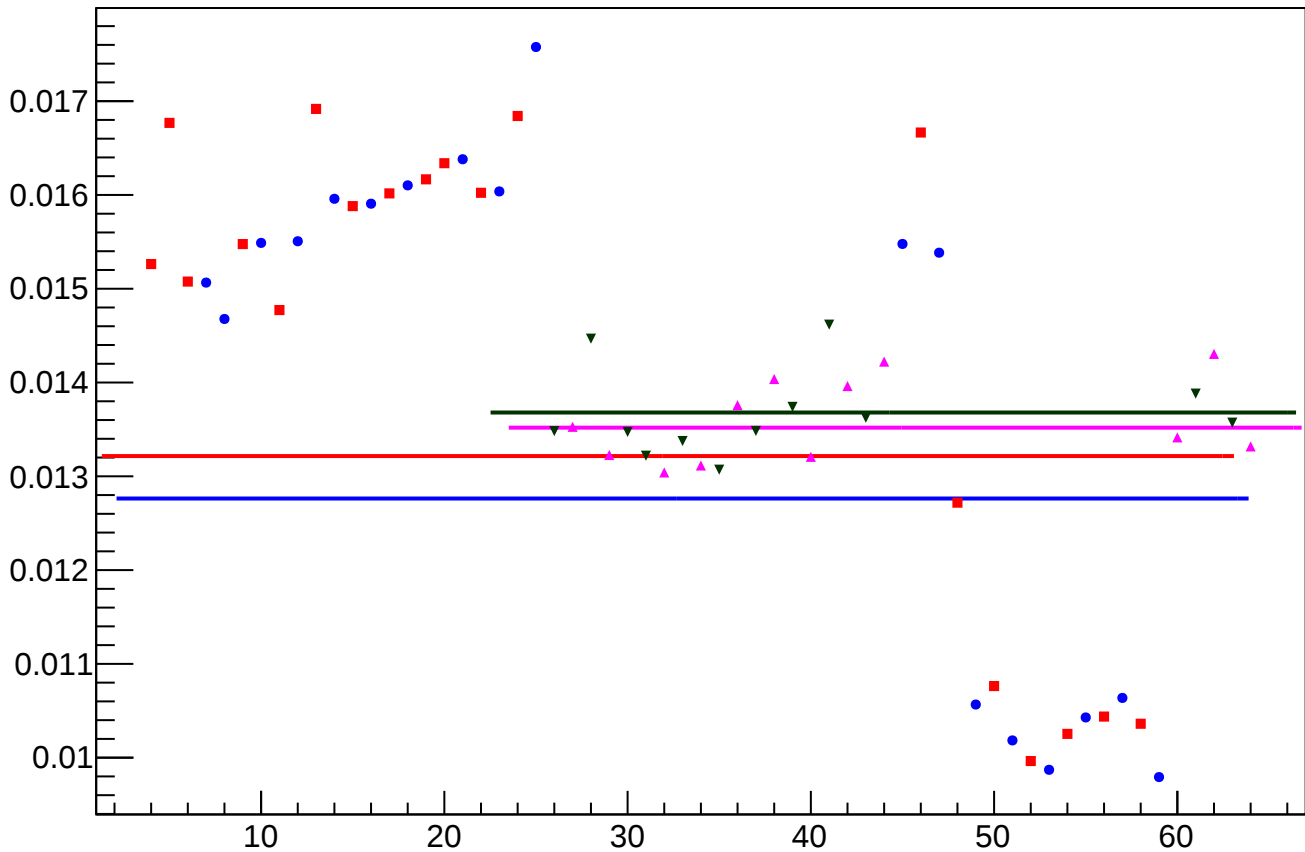
Right Out: 0.878+/-0.000 χ^2/NDF : 92356263.0/18

Left In: 0.900+/-0.000 χ^2/NDF : 43169399.4/11

0.894+/-0.000 χ^2/NDF : 346189909.4/29

0.888+/-0.000 χ^2/NDF : 146187659.0/30

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 :13558.9/11

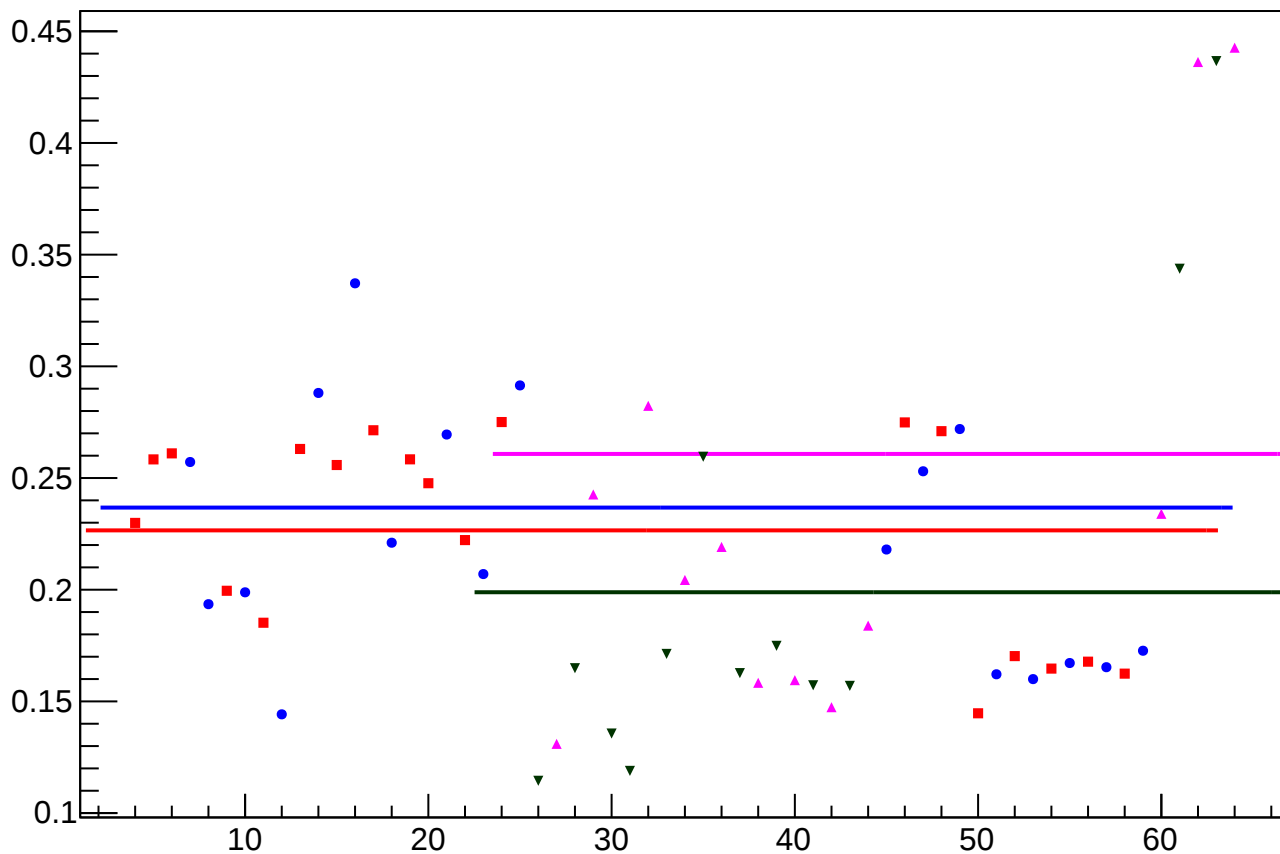
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF :13065.0/11

0.013+/-0.000 χ^2/NDF : 1030682.0/29

0.013+/-0.000 χ^2/NDF : 816012.1/30

yield_bpm0l09Y_mean vs slug



Right In: 0.237 $\pm$ 0.000 χ^2 /NDF: 2411617824.9/17

Left Out: 0.199 $\pm$ 0.000 χ^2 /NDF: 5281984110.6/11

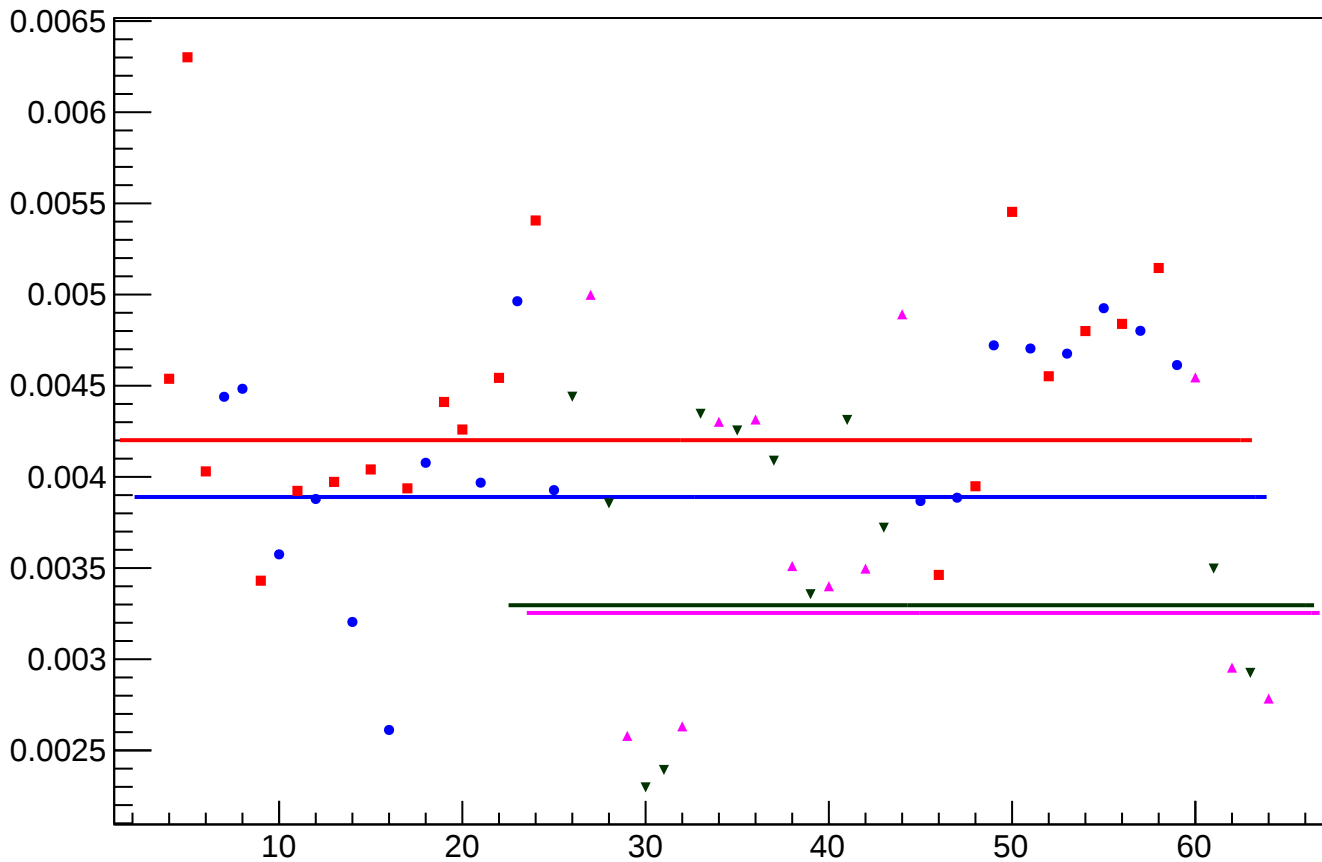
Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 943883207.4/18

Left In: 0.261 $\pm$ 0.000 χ^2 /NDF: 6078679232.8/11

0.221 $\pm$ 0.000 χ^2 /NDF: 8111274137.5/29

0.245 $\pm$ 0.000 χ^2 /NDF: 7344655340.1/30

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 695729.3/17

Left Out: 0.003+/-0.000 χ^2/NDF : 616419.9/11

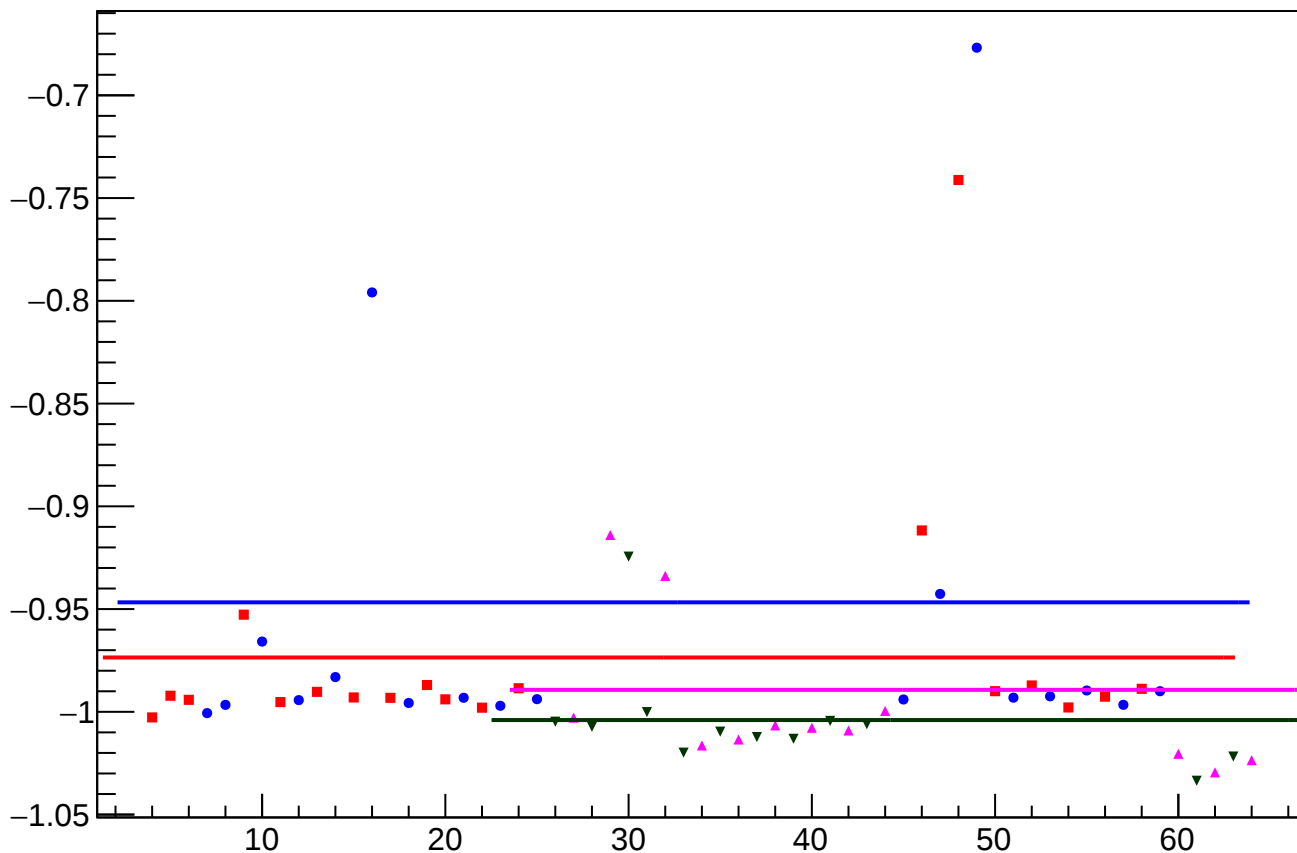
Right Out: 0.004+/-0.000 χ^2/NDF : 341340.8/18

Left In: 0.003+/-0.000 χ^2/NDF : 739439.2/11

0.004+/-0.000 χ^2/NDF : 1517029.1/29

0.004+/-0.000 χ^2/NDF : 1574702.9/30

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.004+/-0.000 χ^2/NDF : 24217352.4/11

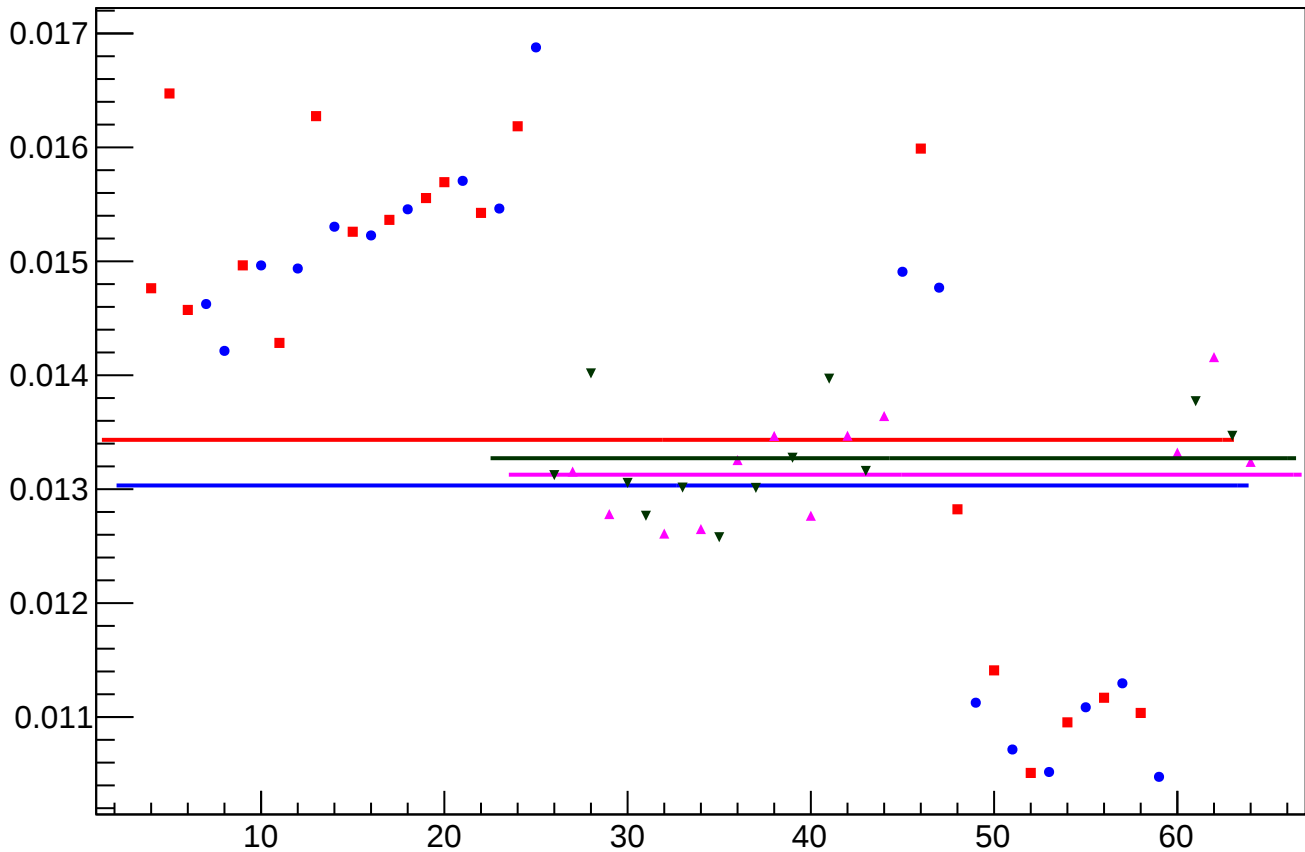
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.989+/-0.000 χ^2/NDF : 64381494.3/11

-0.967+/-0.000 χ^2/NDF : 760723114.6/29

-0.981+/-0.000 χ^2/NDF : 244744852.5/30

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 :13761.7/11

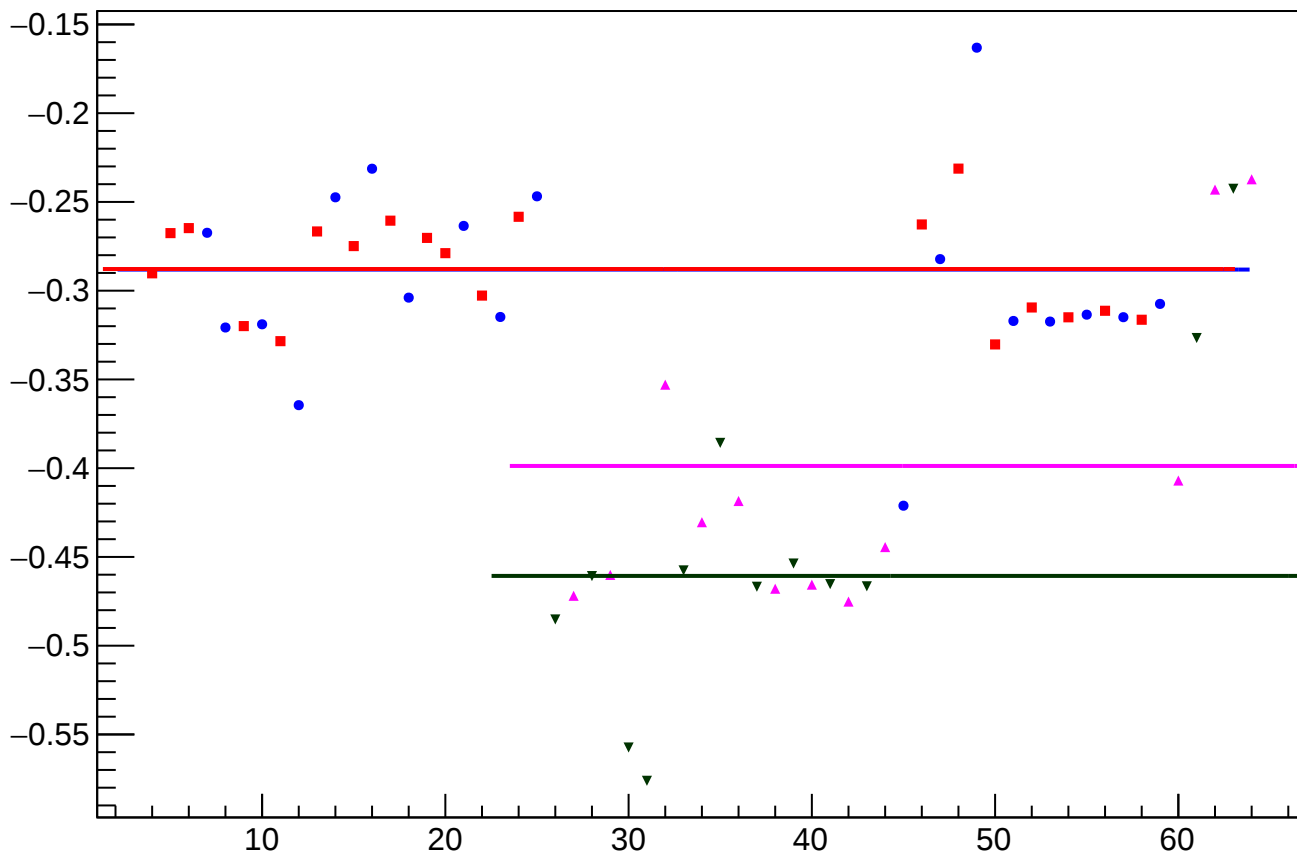
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF :14507.7/11

0.013+/-0.000 χ^2/NDF : 604186.2/29

0.013+/-0.000 χ^2/NDF : 498038.8/30

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.461+/-0.000 χ^2/NDF : 5306826442.4/11

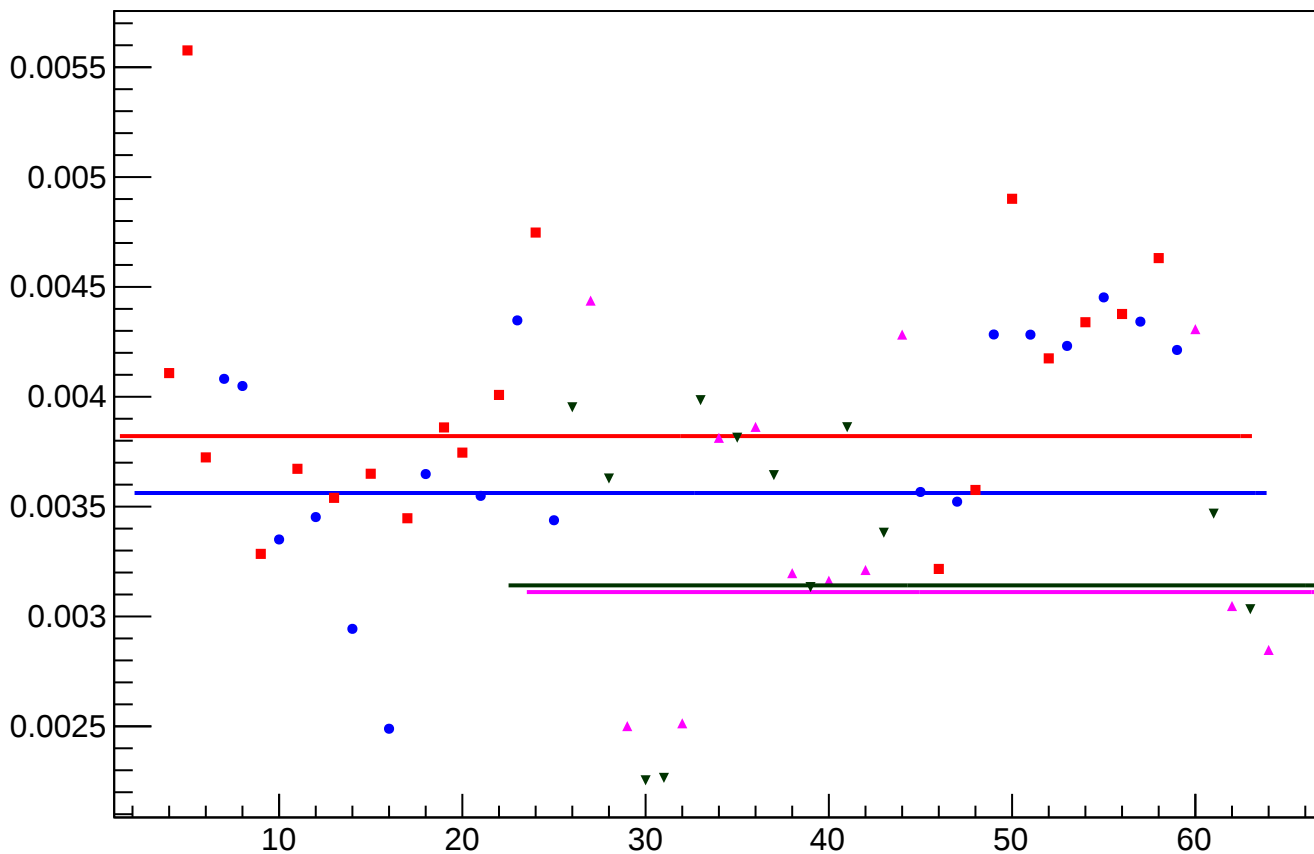
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.399+/-0.000 χ^2/NDF : 4678699261.5/11

-0.359+/-0.000 χ^2/NDF : 17944552516.4/29

-0.345+/-0.000 χ^2/NDF : 9169972148.5/30

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 : 472115.1/11

Right Out: 0.004 ± 0.000 χ^2/NDF : 282191.6/18

Left In: 0.003 ± 0.000 χ^2/NDF : 555472.9/11

0.003 ± 0.000 χ^2/NDF : 1180017.1/29

0.003 ± 0.000 χ^2/NDF : 1163269.1/30