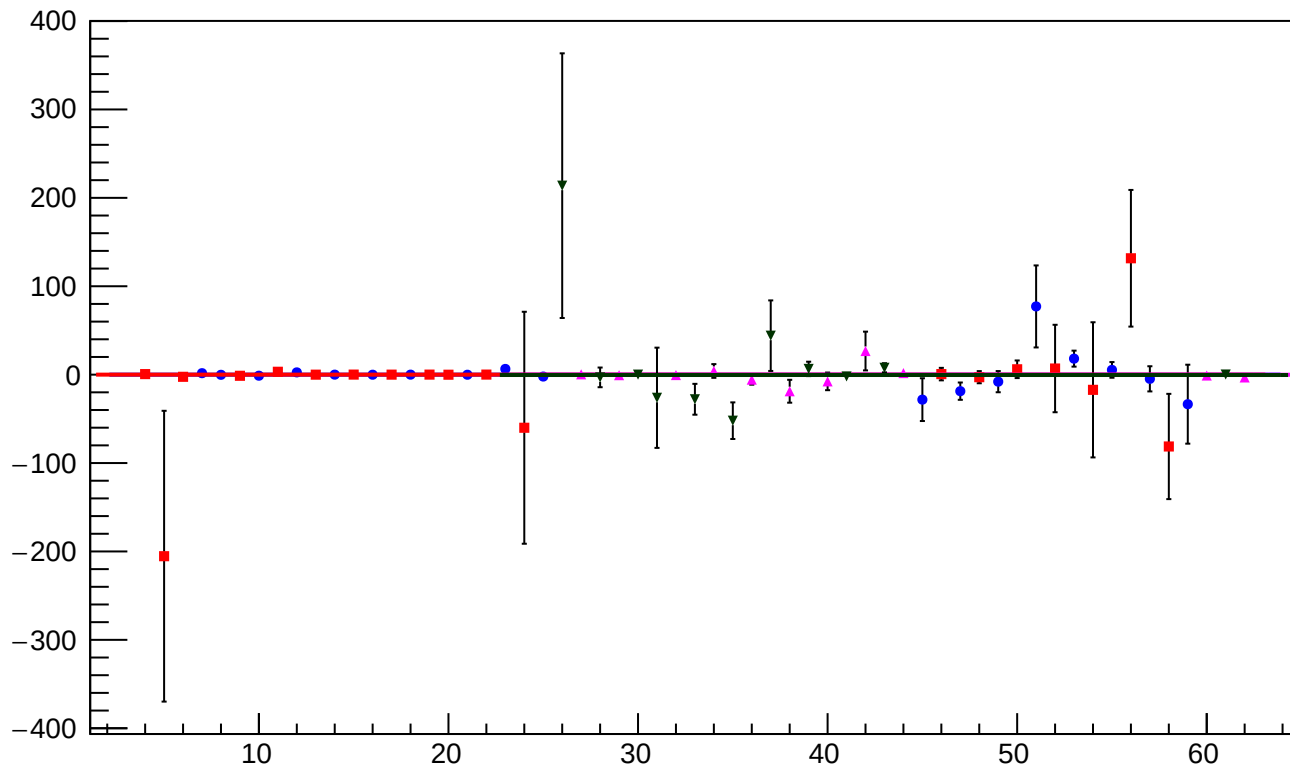


diff_cav4bX_mean vs slug



Right In: -0.014+/-0.014

χ^2/NDF : 31.2/17

Left Out: -0.409+/-1.254

χ^2/NDF : 16.2/10

Right Out: 0.017+/-0.016

χ^2/NDF : 24.7/18

Left In: -0.100+/-0.167

χ^2/NDF : 16.3/10

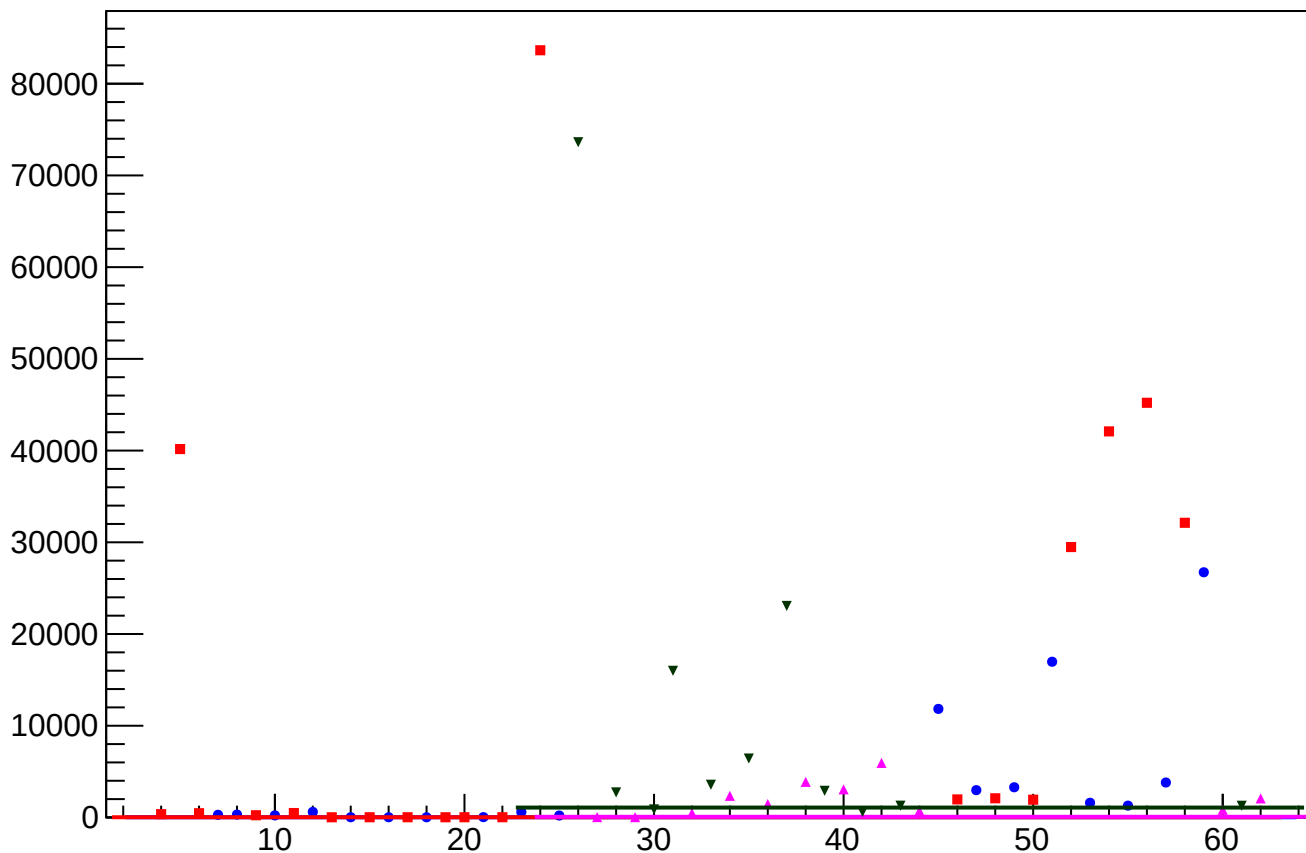
-0.014+/-0.014

χ^2/NDF : 47.5/28

0.016+/-0.016

χ^2/NDF : 41.5/29

diff_cav4bX_rms vs slug



Right In: 22.429+/-0.010 χ^2/NDF : 2804434.6/17

Left Out: 1077.343+/-0.887 χ^2/NDF :1670900.4/10

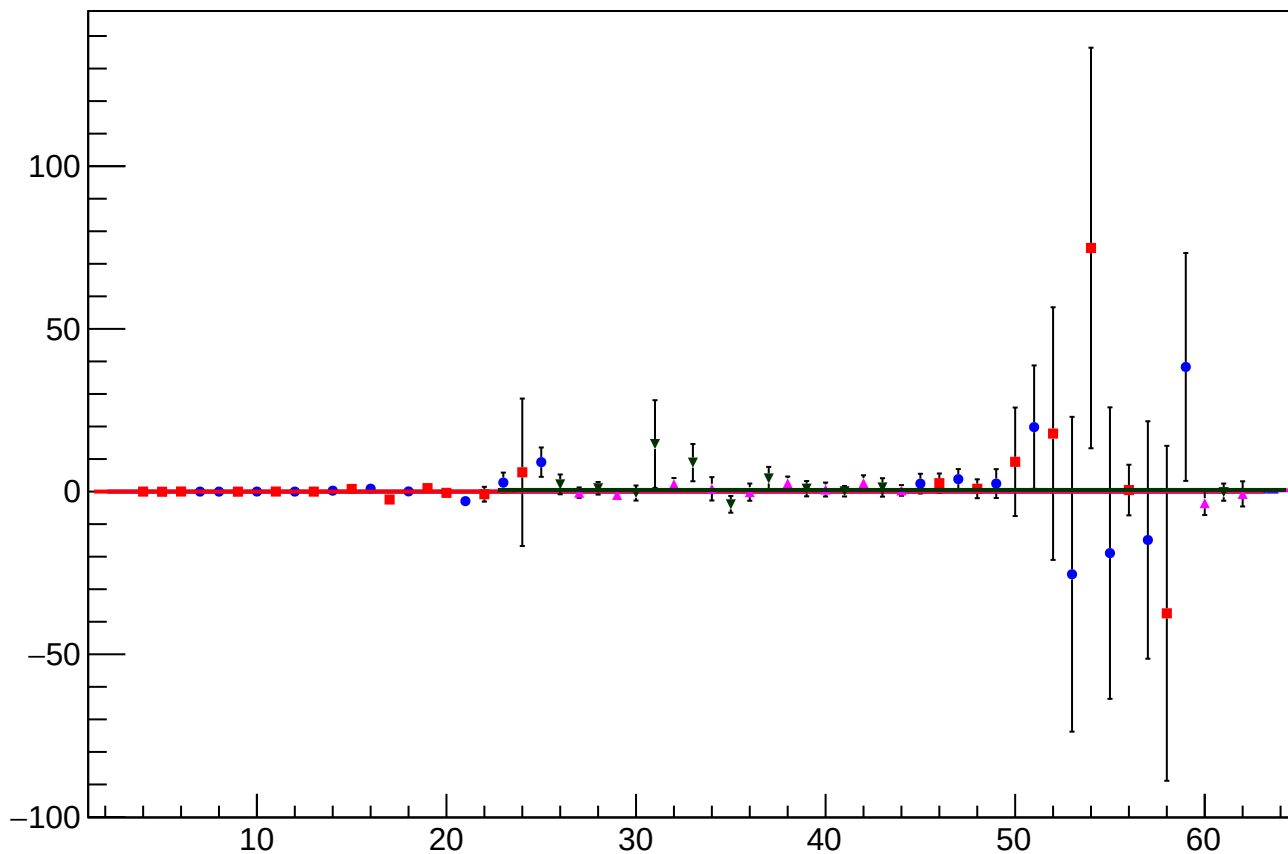
Right Out: 22.611+/-0.011 χ^2/NDF : 4395534.2/18

Left In: 72.556+/-0.118 χ^2/NDF :2432587.2/10

22.567+/-0.010 χ^2/NDF : 5890755.9/28

23.072+/-0.011 χ^2/NDF : 7004917.5/29

diff_cav4bY_mean vs slug



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

Left Out: 0.509 ± 0.776 χ^2/NDF : 8.0/10

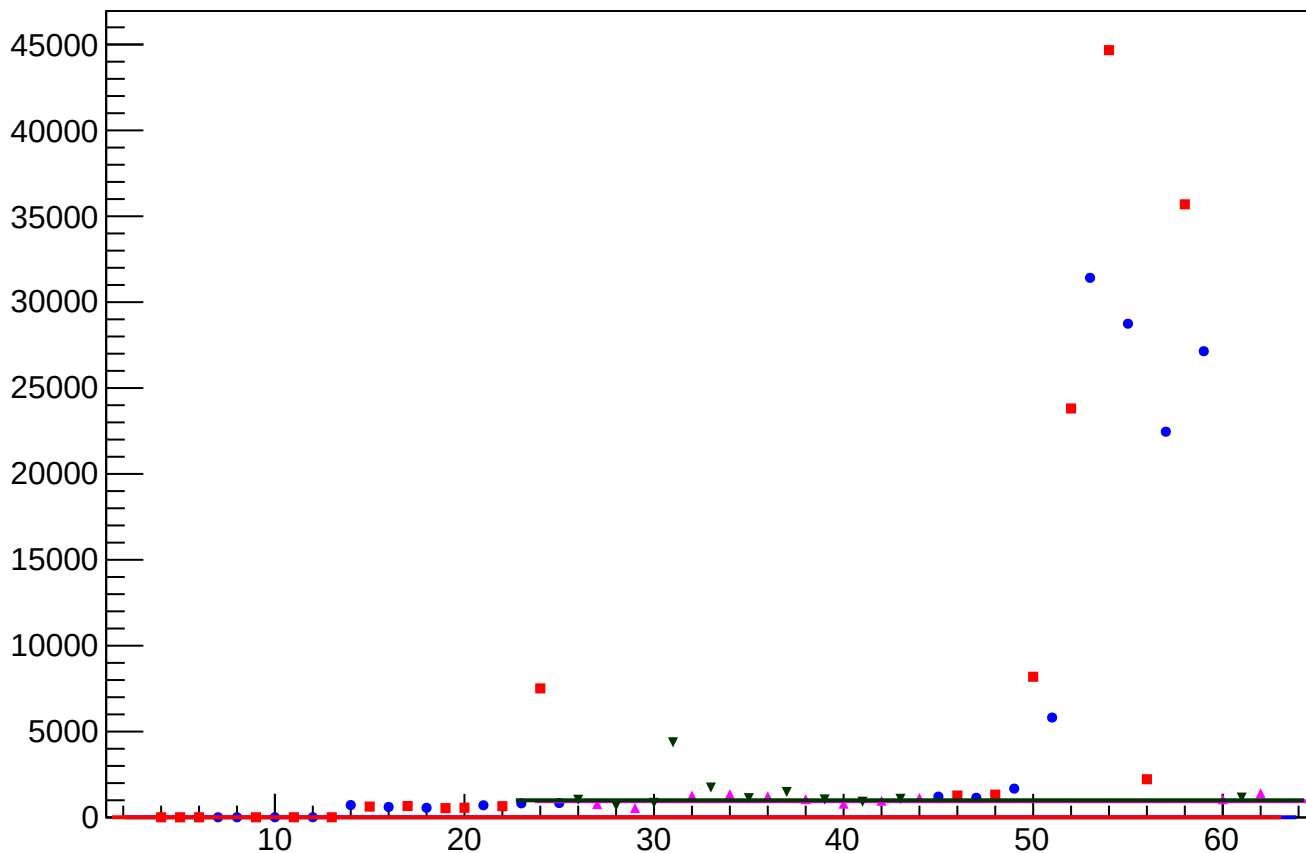
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.387 ± 0.622 χ^2/NDF : 5.6/10

-0.001 ± 0.006 χ^2/NDF : 32.0/28

0.002 ± 0.005 χ^2/NDF : 26.3/29

diff_cav4bY_rms vs slug



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

Left Out: 999.304+/-0.549 χ^2/NDF : 277281.3/10

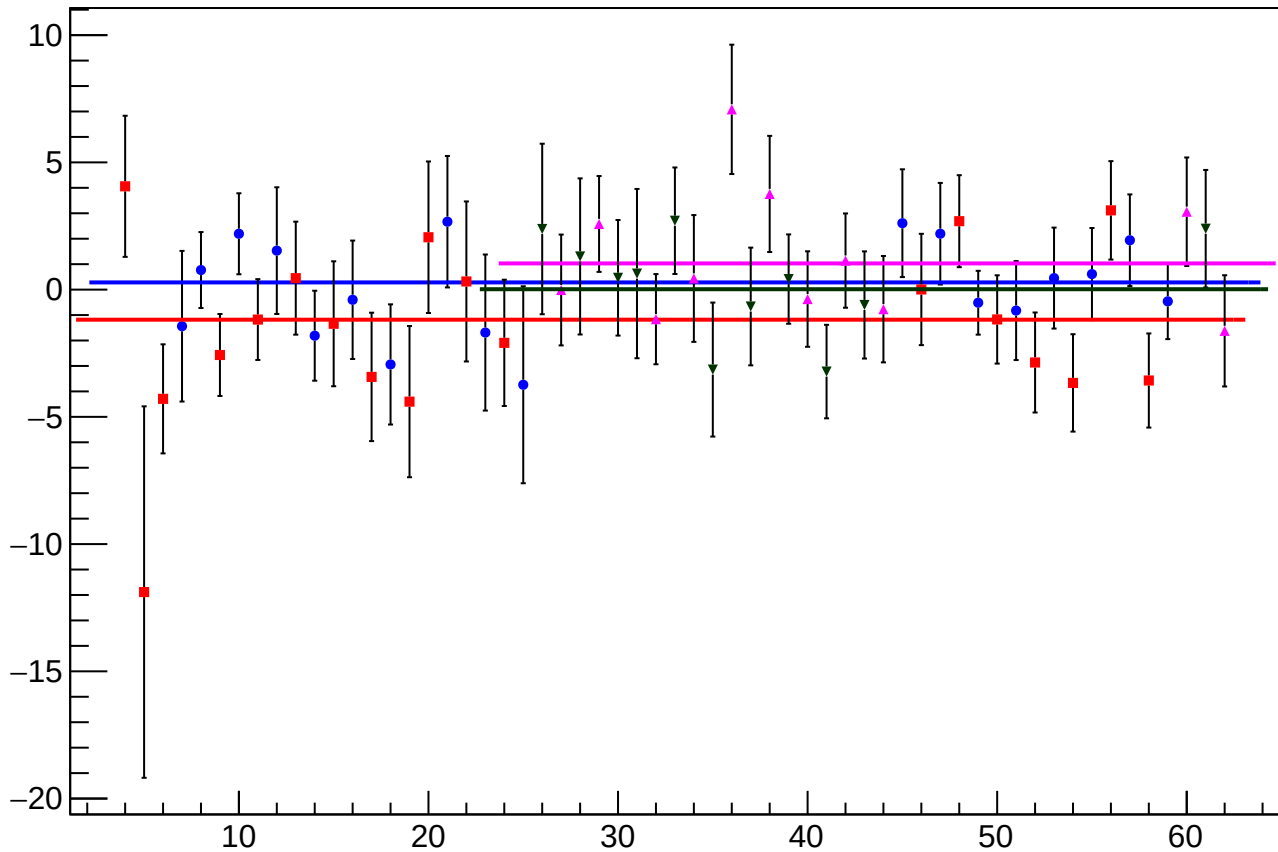
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 945.796+/-0.440 χ^2/NDF : 380589.5/10

10.576+/-0.005 χ^2/NDF : 12484598.4/28

10.158+/-0.004 χ^2/NDF : 11651671.6/29

diff_cav4cX_mean vs slug



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

Left Out: 0.015 ± 0.695 χ^2/NDF : 8.2/10

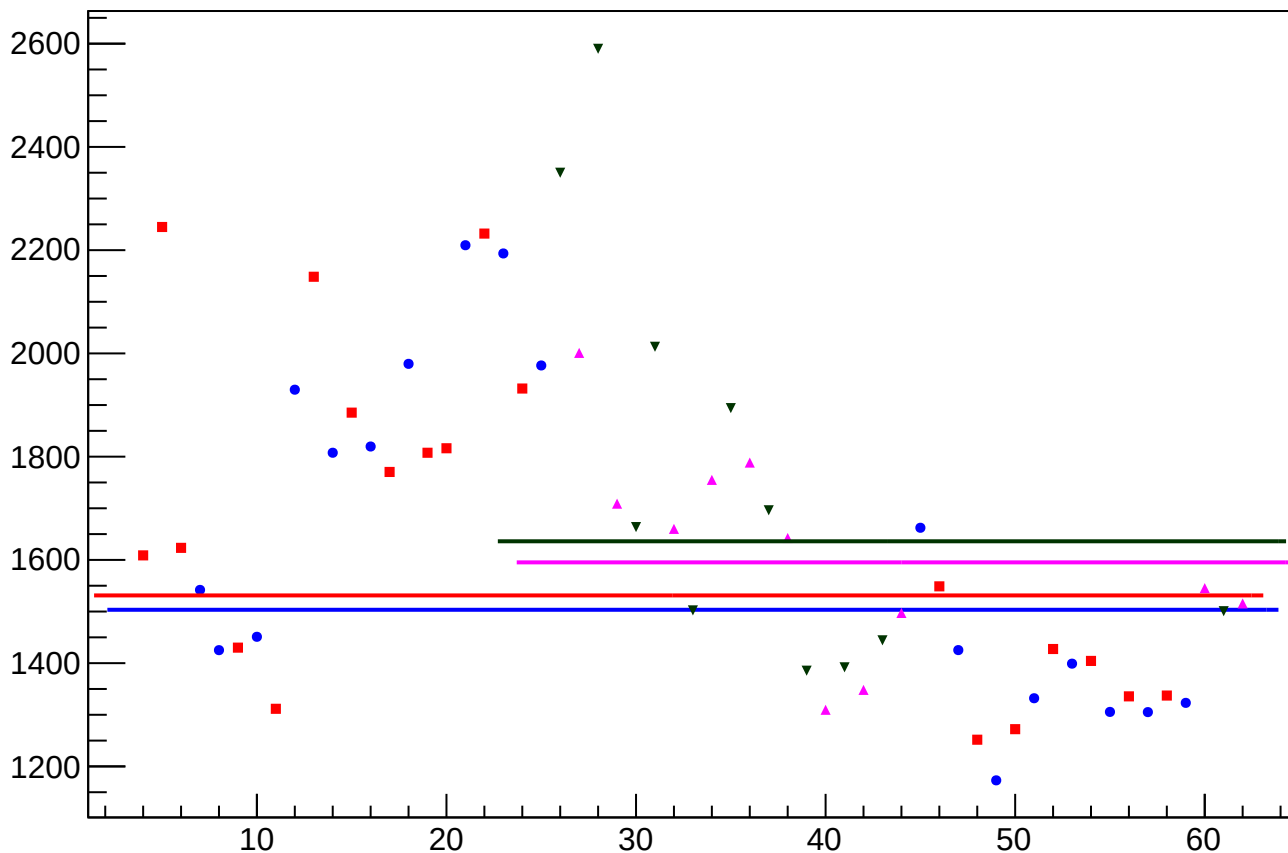
Right Out: -1.182 ± 0.494 χ^2/NDF : 26.5/18

Left In: 1.030 ± 0.626 χ^2/NDF : 13.3/10

0.202 ± 0.381 χ^2/NDF : 20.2/28

-0.334 ± 0.388 χ^2/NDF : 47.5/29

diff_cav4cX_rms vs slug



Right In: 1503.404 $\pm$ 0.322 χ^2 /NDF: 776769.4/17

Left Out: 1636.069 $\pm$ 0.491 χ^2 /NDF: 438528.0/10

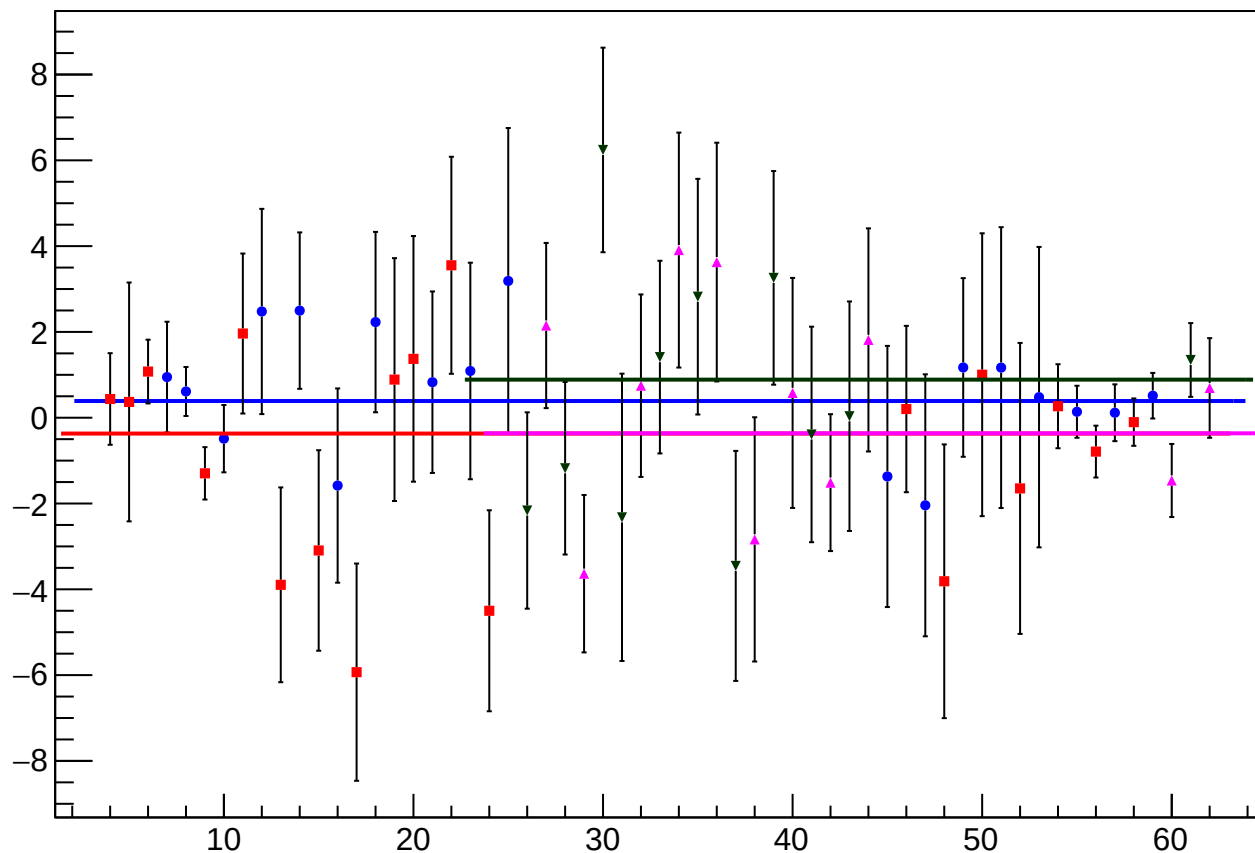
Right Out: 1531.211 $\pm$ 0.349 χ^2 /NDF: 621310.9/18

Left In: 1595.226 $\pm$ 0.443 χ^2 /NDF: 190062.9/10

1543.287 $\pm$ 0.269 χ^2 /NDF: 1266327.2/28

1555.761 $\pm$ 0.274 χ^2 /NDF: 824271.6/29

diff_cav4cY_mean vs slug



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

Left Out: 0.888 ± 0.579 χ^2/NDF : 13.5/10

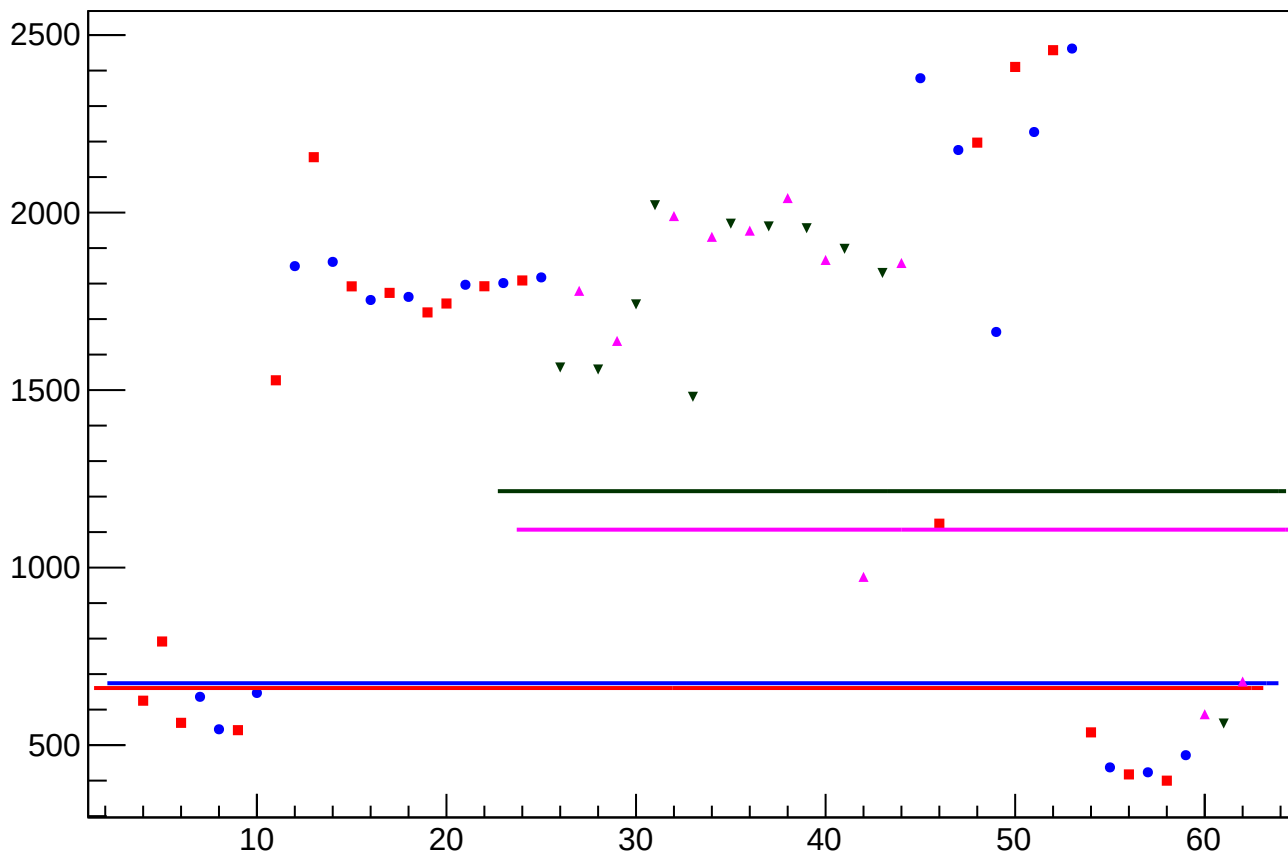
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.363 ± 0.502 χ^2/NDF : 14.2/10

0.468 ± 0.231 χ^2/NDF : 21.6/28

-0.368 ± 0.233 χ^2/NDF : 39.9/29

diff_cav4cY_rms vs slug



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

Left Out: 1215.308+/-0.409 χ^2/NDF :2239847.6/10

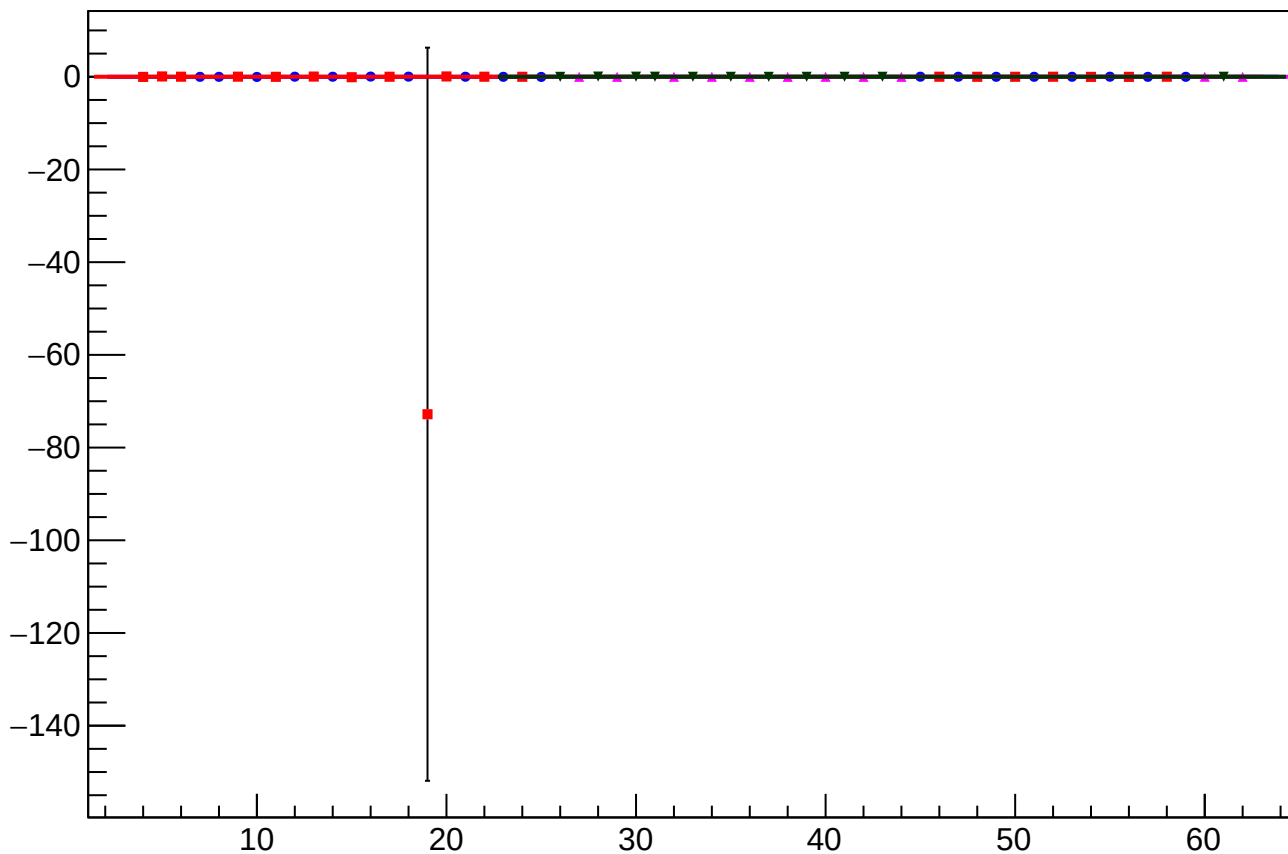
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1106.865+/-0.355 χ^2/NDF :2694166.4/10

760.248+/-0.163 χ^2/NDF : 10722961.2/28

756.662+/-0.164 χ^2/NDF : 10158280.4/29

diff_cav4dX_mean vs slug



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

Left Out: 0.001+/-0.004 χ^2/NDF : 8.8/10

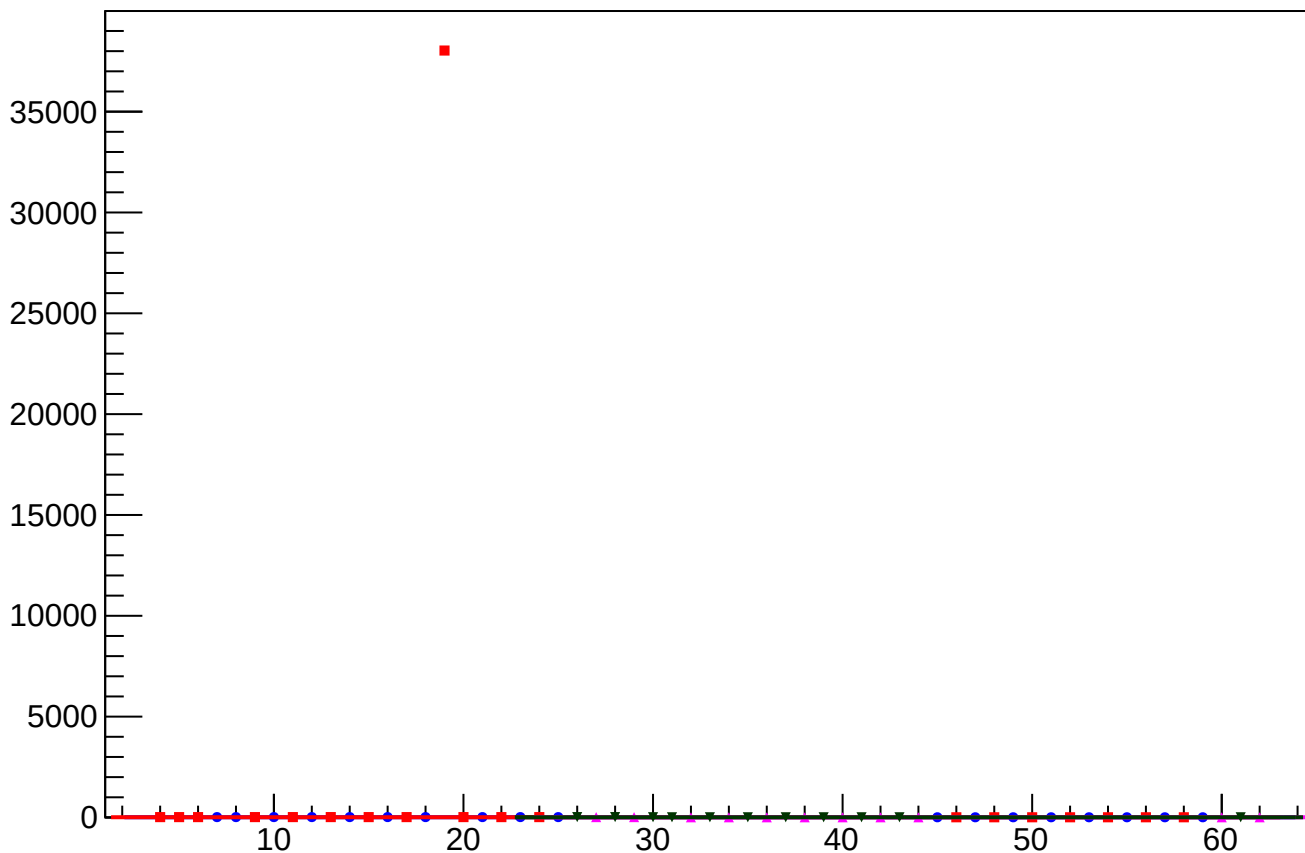
Right Out: 0.002+/-0.004 χ^2/NDF : 20.0/18

Left In: -0.002+/-0.004 χ^2/NDF : 3.0/10

0.001+/-0.003 χ^2/NDF : 20.8/28

0.000+/-0.003 χ^2/NDF : 23.5/29

diff_cav4dX_rms vs slug



Right In: 10.593 $\pm$ 0.003 χ^2 /NDF: 1953039.1/17

Left Out: 9.282 $\pm$ 0.003 χ^2 /NDF: 596741.7/10

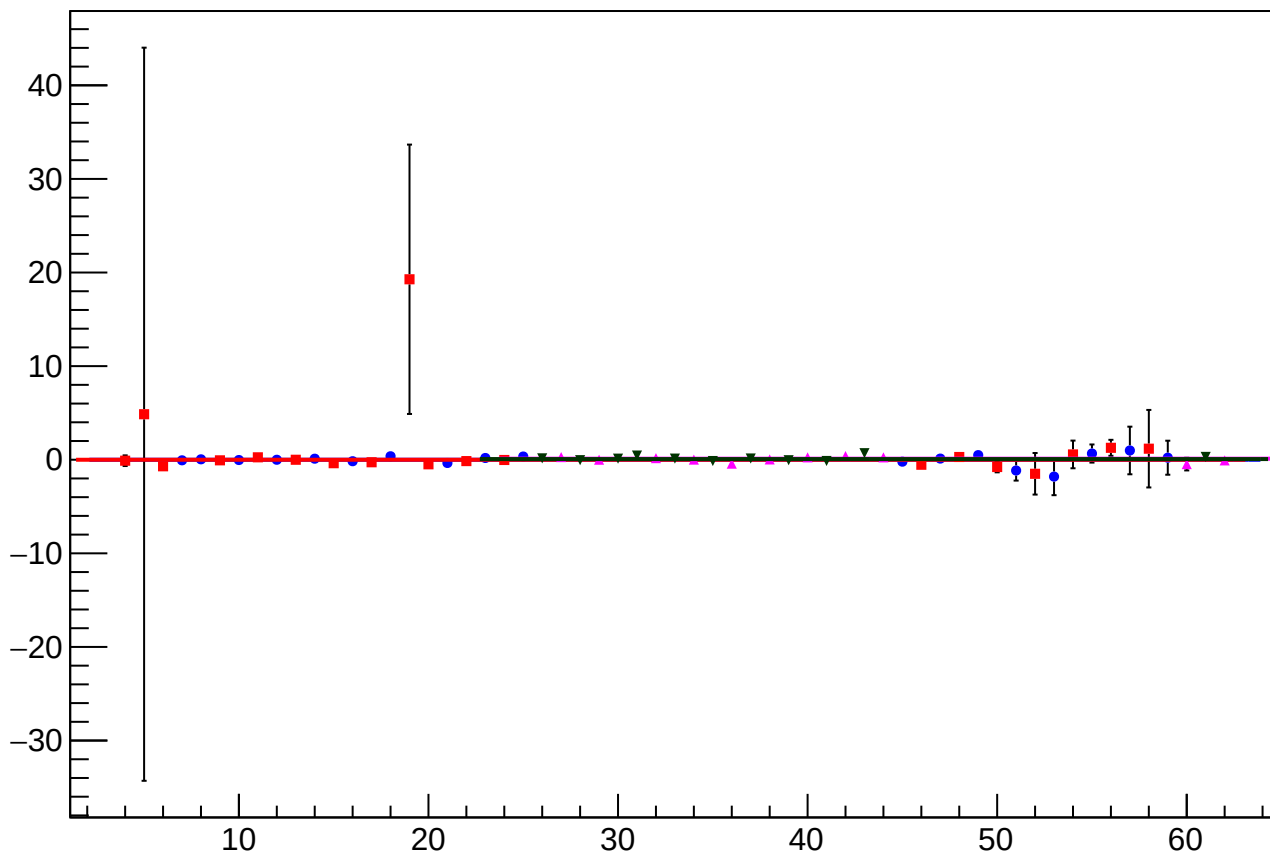
10.009 $\pm$ 0.002 χ^2 /NDF: 2666402.0/28

Right Out: 11.097 $\pm$ 0.003 χ^2 /NDF: 2257827.7/18

10.077 $\pm$ 0.002 χ^2 /NDF: 3246502.8/29

Left In: 9.238 $\pm$ 0.003 χ^2 /NDF: 765292.1/10

diff_cav4dY_mean vs slug



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

Left Out: 0.071+/-0.056 χ^2/NDF :12.6/10

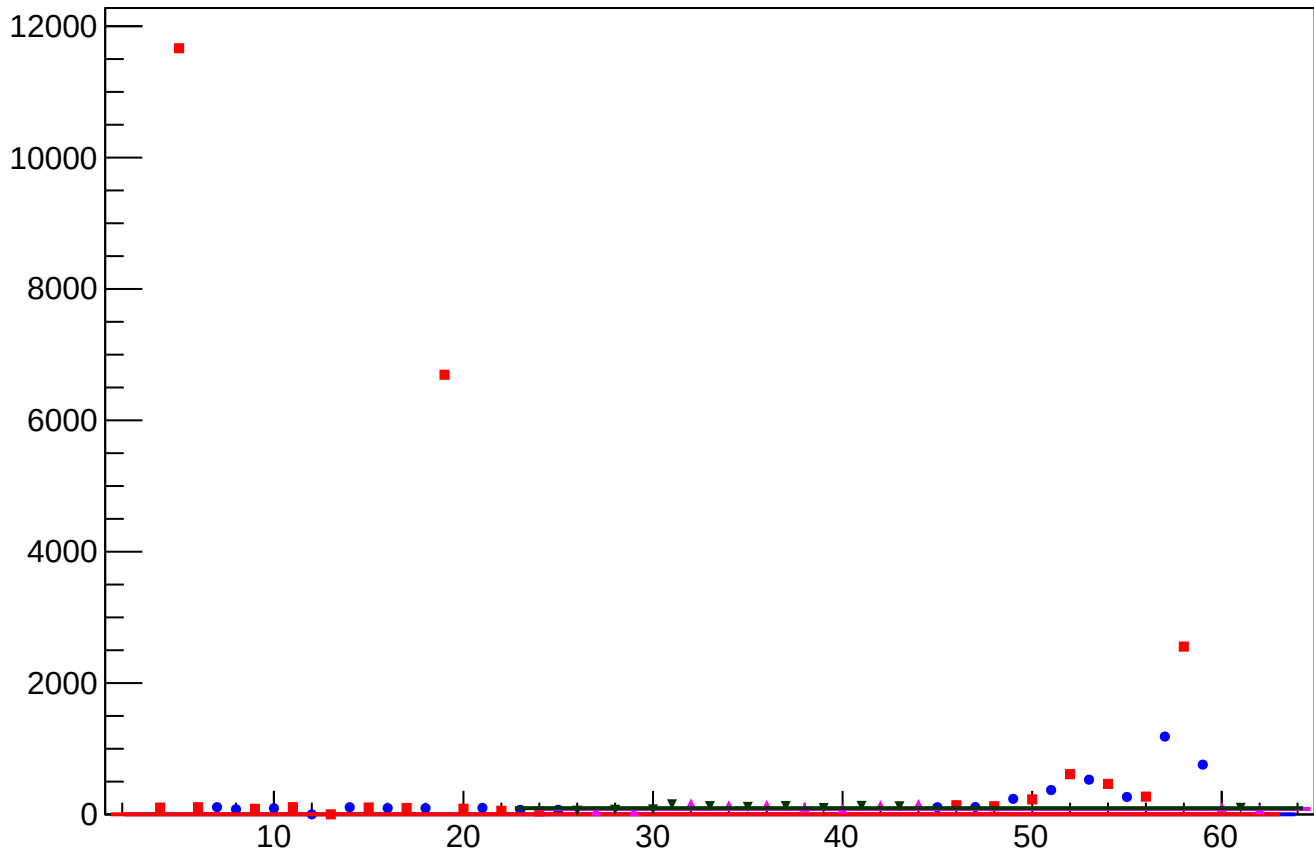
Right Out: -0.003+/-0.003 χ^2/NDF : 21.1/18

Left In: 0.114+/-0.052 χ^2/NDF :11.2/10

-0.002+/-0.003 χ^2/NDF : 35.2/28

-0.002+/-0.003 χ^2/NDF : 37.3/29

diff_cav4dY_rms vs slug



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

Left Out: 95.635+/-0.040 χ^2/NDF : 443661.3/10

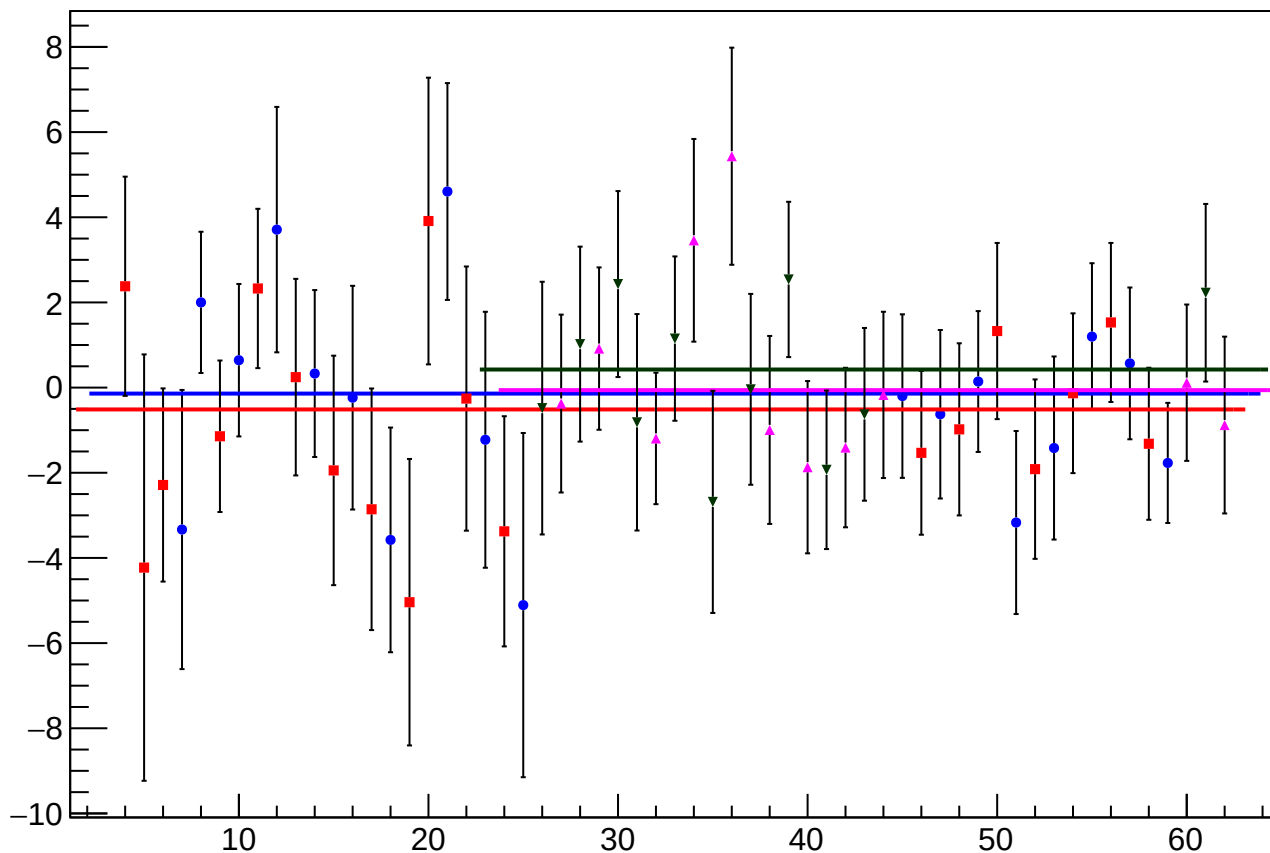
2.494+/-0.002 χ^2/NDF : 15120319.7/28

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

2.375+/-0.002 χ^2/NDF : 12647973.6/29

Left In: 82.844+/-0.037 χ^2/NDF : 1083320.4/10

diff_bpm4aX_mean vs slug



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

Left Out: 0.425 ± 0.653 χ^2/NDF : 6.8/10

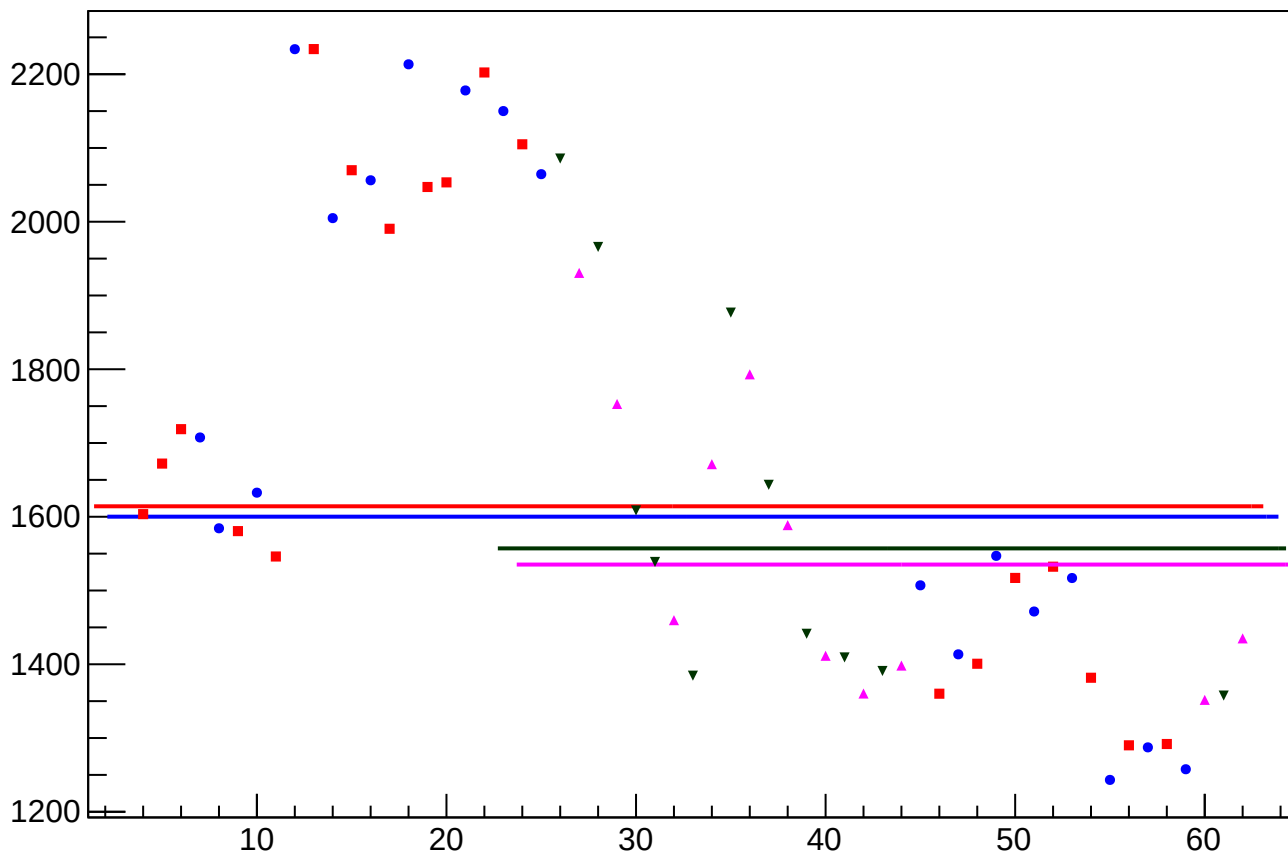
Right Out: -0.513 ± 0.519 χ^2/NDF : 13.6/18

Left In: -0.060 ± 0.600 χ^2/NDF : 9.3/10

0.061 ± 0.390 χ^2/NDF : 23.3/28

-0.319 ± 0.392 χ^2/NDF : 23.3/29

diff_bpm4aX_rms vs slug



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

Left Out: 1557.112 ± 0.462 χ^2/NDF : 229851.1/10

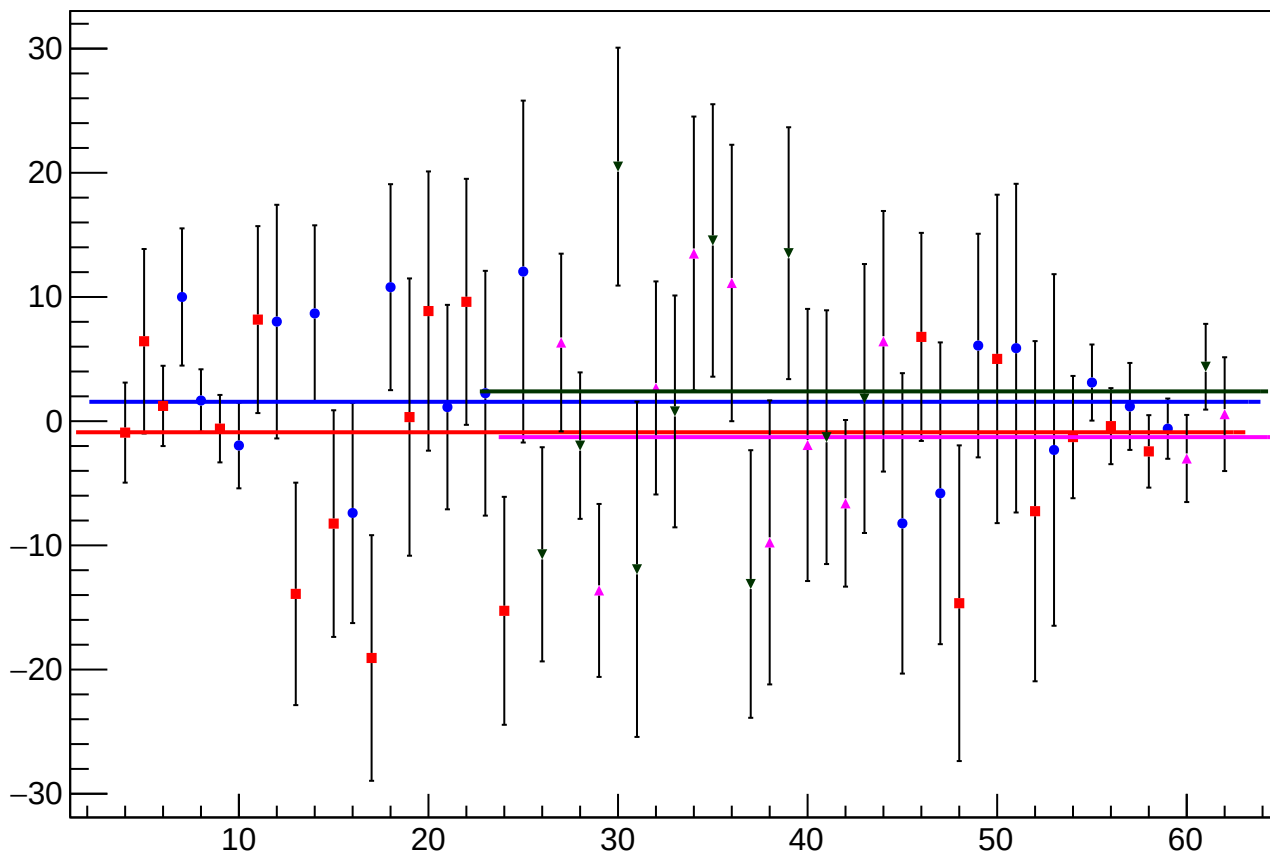
Right Out: 1614.182 ± 0.367 χ^2/NDF : 670373.5/18

Left In: 1535.178 ± 0.424 χ^2/NDF : 190119.2/10

1584.802 ± 0.275 χ^2/NDF : 1085192.3/28

1580.352 ± 0.277 χ^2/NDF : 880339.2/29

diff_bpm4aY_mean vs slug



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

Left Out: 2.399 ± 2.243 $\chi^2/\text{NDF}: 12.6/10$

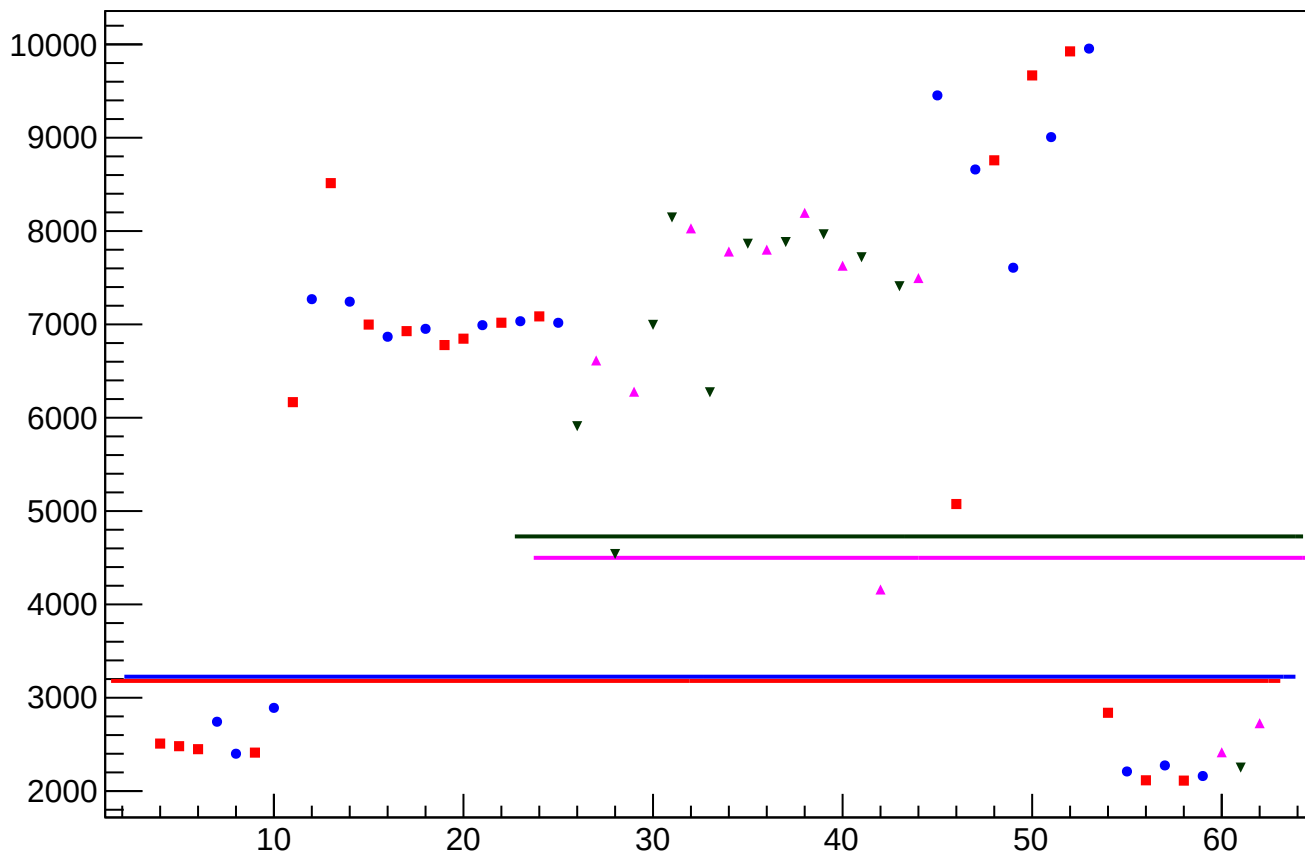
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: -1.285 ± 2.015 $\chi^2/\text{NDF}: 9.7/10$

1.734 ± 1.022 $\chi^2/\text{NDF}: 22.9/28$

-0.994 ± 1.029 $\chi^2/\text{NDF}: 25.8/29$

diff_bpm4aY_rms vs slug



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

Left Out: 4728.267+/-1.586 χ^2/NDF :2196793.9/10

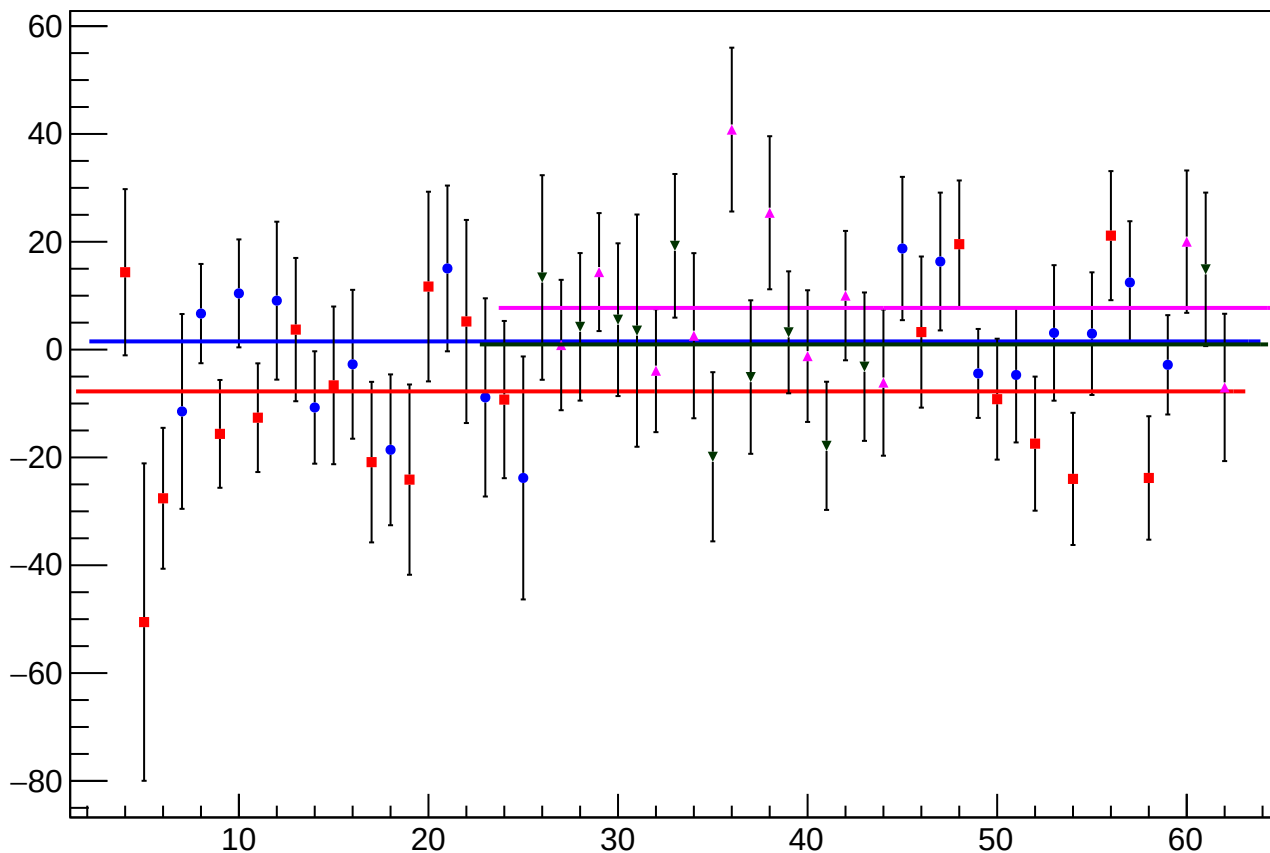
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4499.023+/-1.425 χ^2/NDF :2542141.9/10

3537.463+/-0.723 χ^2/NDF : 8769003.7/28

3524.027+/-0.728 χ^2/NDF : 8228769.4/29

diff_bpm4eX_mean vs slug



Right In: 1.521 ± 2.832 $\chi^2/\text{NDF}: 12.8/17$

Left Out: 0.964 ± 4.264 $\chi^2/\text{NDF}: 8.0/10$

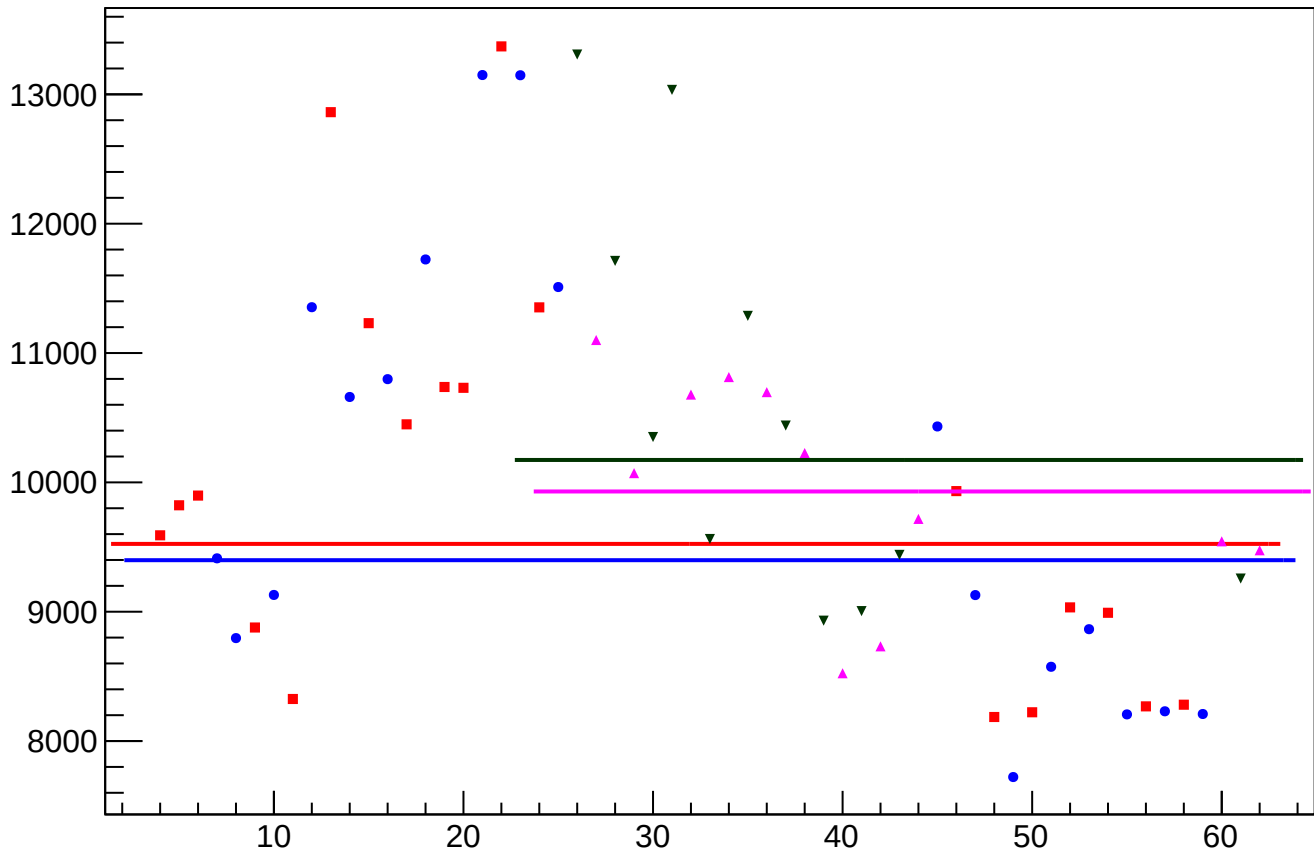
Right Out: -7.752 ± 3.046 $\chi^2/\text{NDF}: 27.5/18$

Left In: 7.731 ± 3.875 $\chi^2/\text{NDF}: 11.8/10$

1.350 ± 2.359 $\chi^2/\text{NDF}: 20.8/28$

-1.839 ± 2.394 $\chi^2/\text{NDF}: 49.2/29$

diff_bpm4eX_rms vs slug



Right In: 9398.368 $\pm$ 2.003 χ^2 /NDF: 554872.2/17

Left Out: 10173.290 $\pm$ 3.015 χ^2 /NDF:187908.2/10

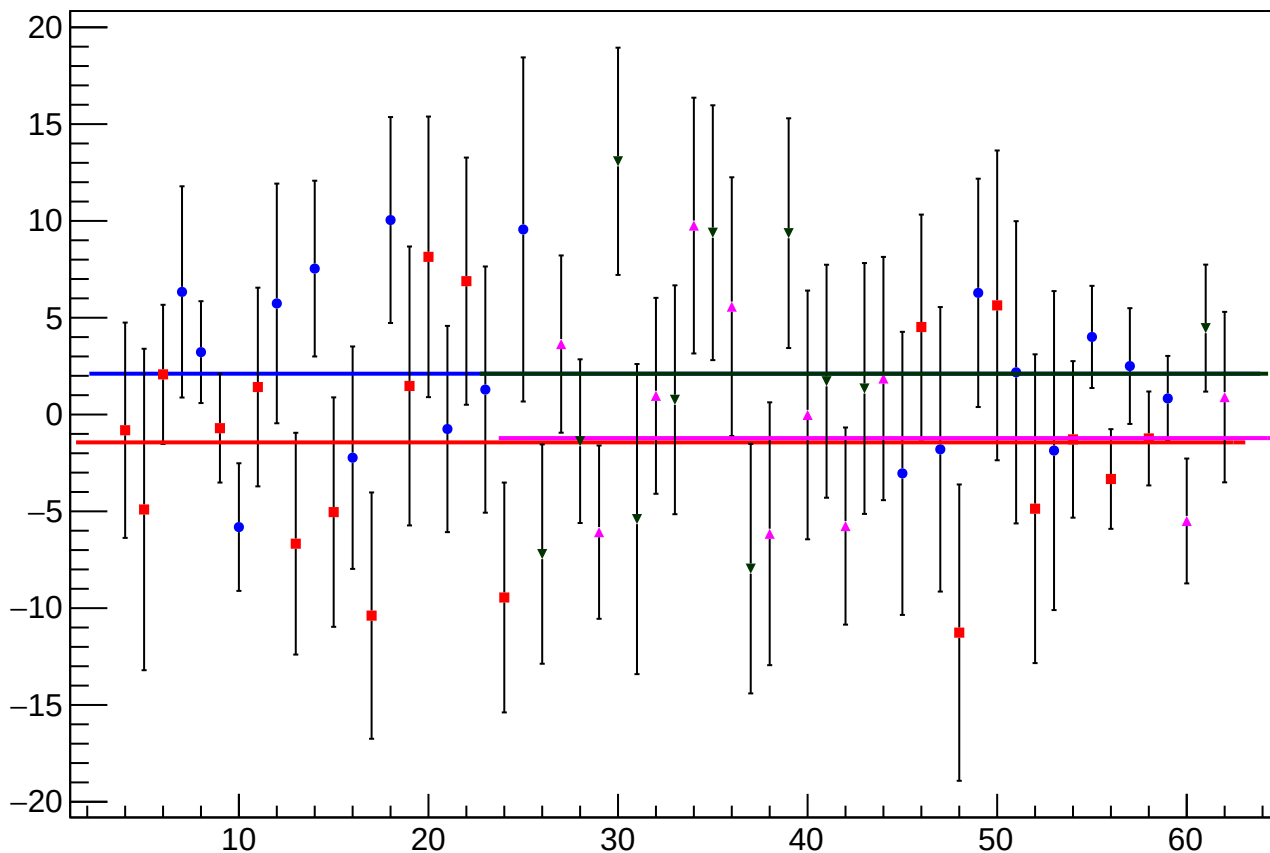
Right Out: 9524.317 $\pm$ 2.154 χ^2 /NDF: 440161.2/18

Left In: 9929.641 $\pm$ 2.740 χ^2 /NDF:91184.6/10

9635.572 $\pm$ 1.668 χ^2 /NDF: 788607.3/28

9679.116 $\pm$ 1.693 χ^2 /NDF: 544874.2/29

diff_bpm4eY_mean vs slug



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

Left Out: 2.108 ± 1.621 $\chi^2/\text{NDF}: 13.5/10$

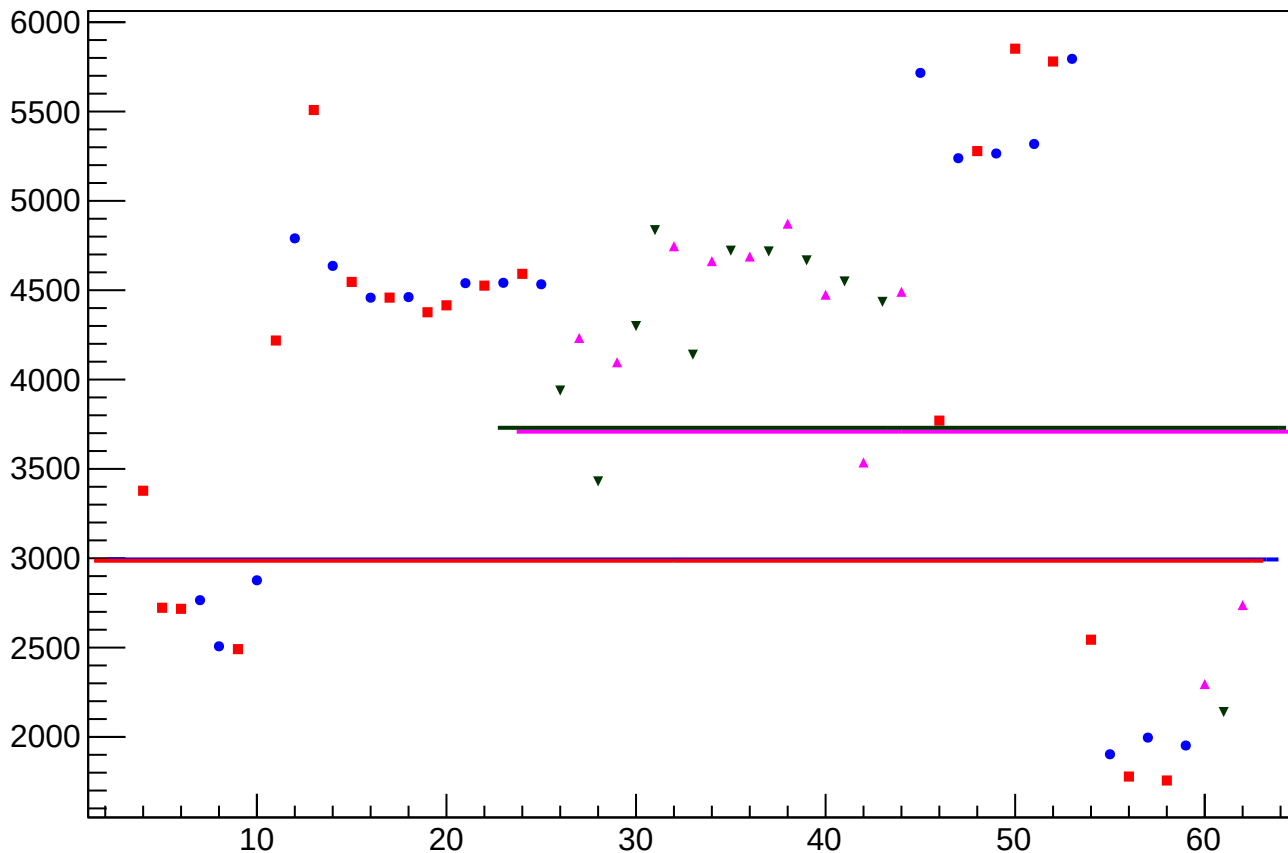
Right Out: -1.438 ± 1.040 $\chi^2/\text{NDF}: 14.4/18$

Left In: -1.216 ± 1.508 $\chi^2/\text{NDF}: 9.9/10$

2.109 ± 0.838 $\chi^2/\text{NDF}: 28.0/28$

-1.366 ± 0.856 $\chi^2/\text{NDF}: 24.2/29$

diff_bpm4eY_rms vs slug



Right In: 2993.228+/-0.692 χ^2/NDF : 3318124.3/17

Left Out: 3730.076+/-1.147 χ^2/NDF : 752726.0/10

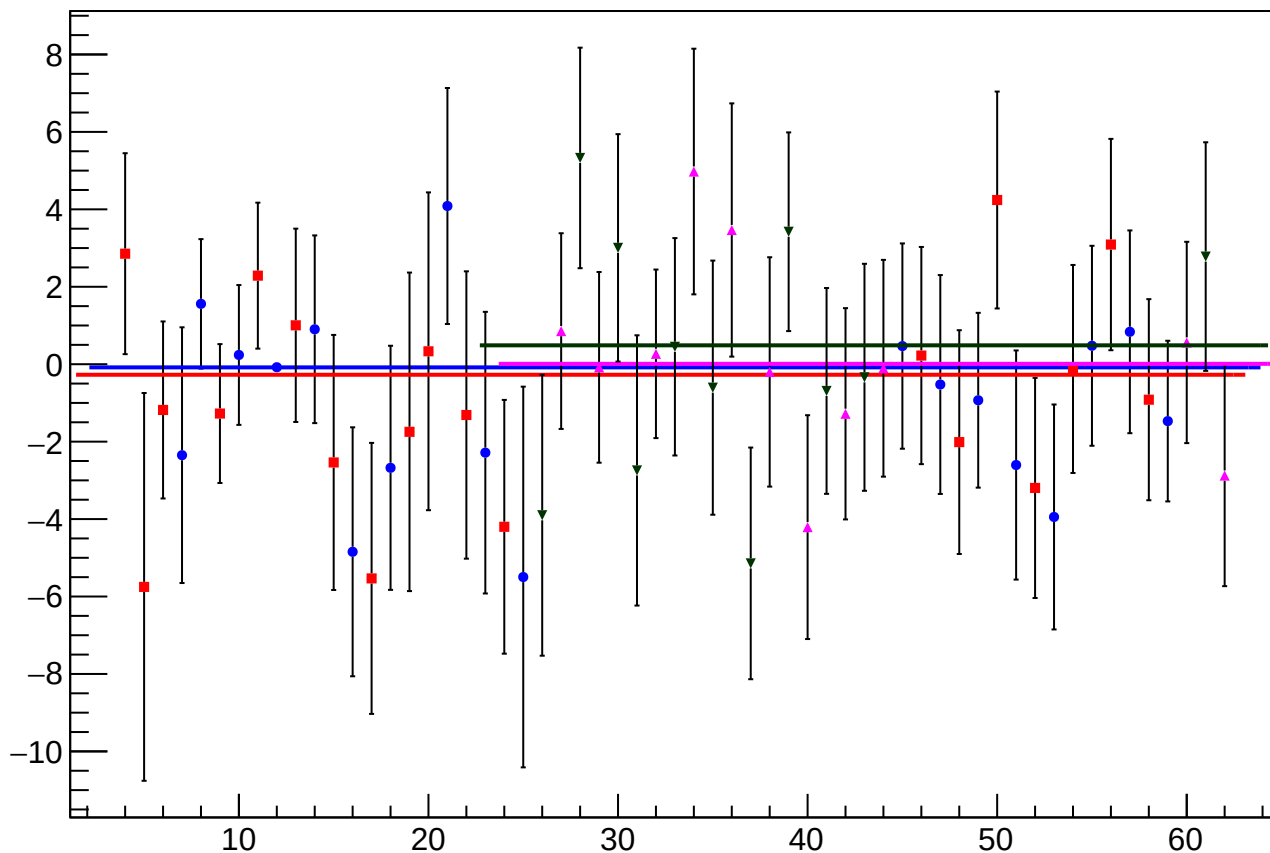
Right Out: 2986.116+/-0.736 χ^2/NDF : 2945634.2/18

Left In: 3708.298+/-1.066 χ^2/NDF : 811761.4/10

3190.117+/-0.593 χ^2/NDF : 4373522.2/28

3218.939+/-0.606 χ^2/NDF : 4068151.2/29

diff_bpm4acX_mean vs slug



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

Left Out: 0.488 ± 0.893 χ^2/NDF : 11.8/10

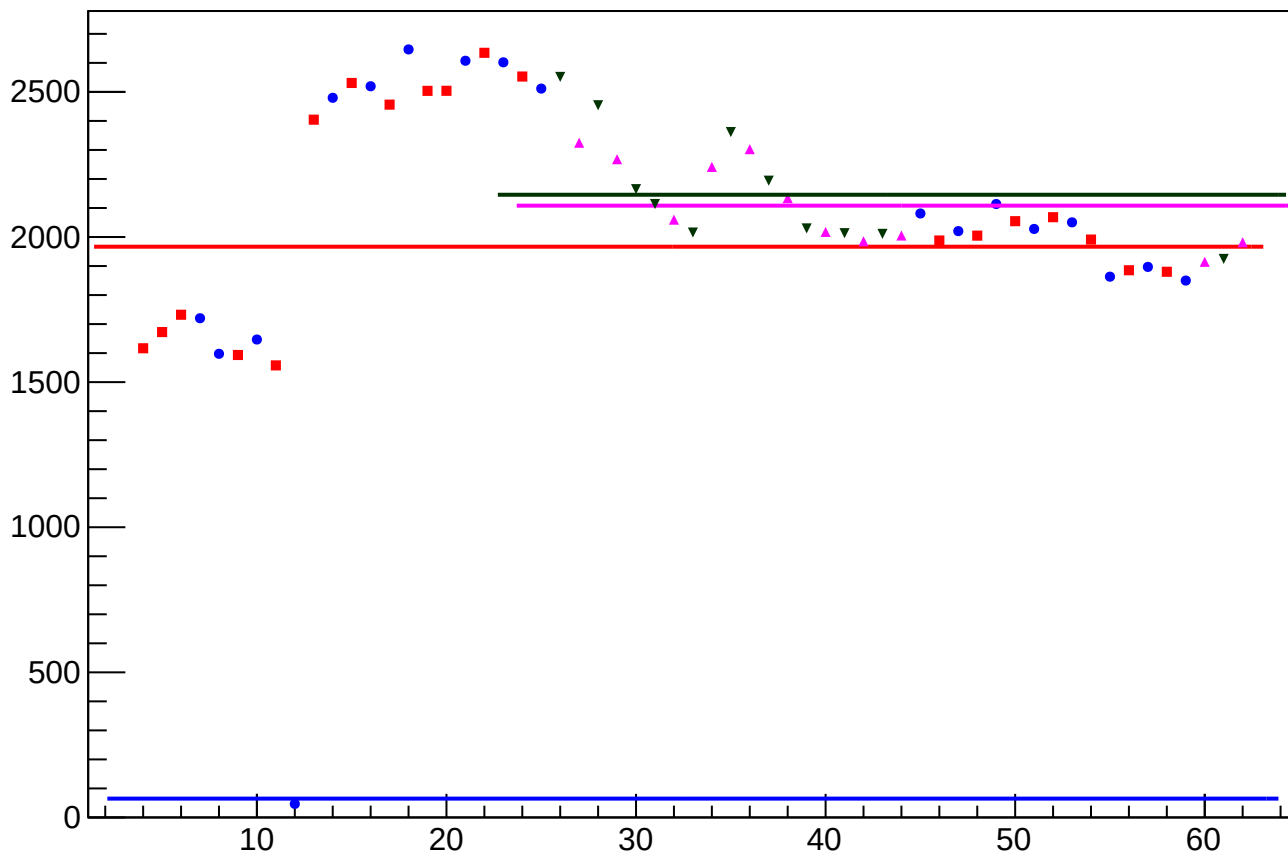
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: 0.010 ± 0.819 χ^2/NDF : 7.1/10

-0.079 ± 0.060 χ^2/NDF : 23.5/28

-0.167 ± 0.500 χ^2/NDF : 22.4/29

diff_bpm4acX_rms vs slug



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

Left Out: 2145.646+/-0.632 χ^2 /NDF:86746.2/10

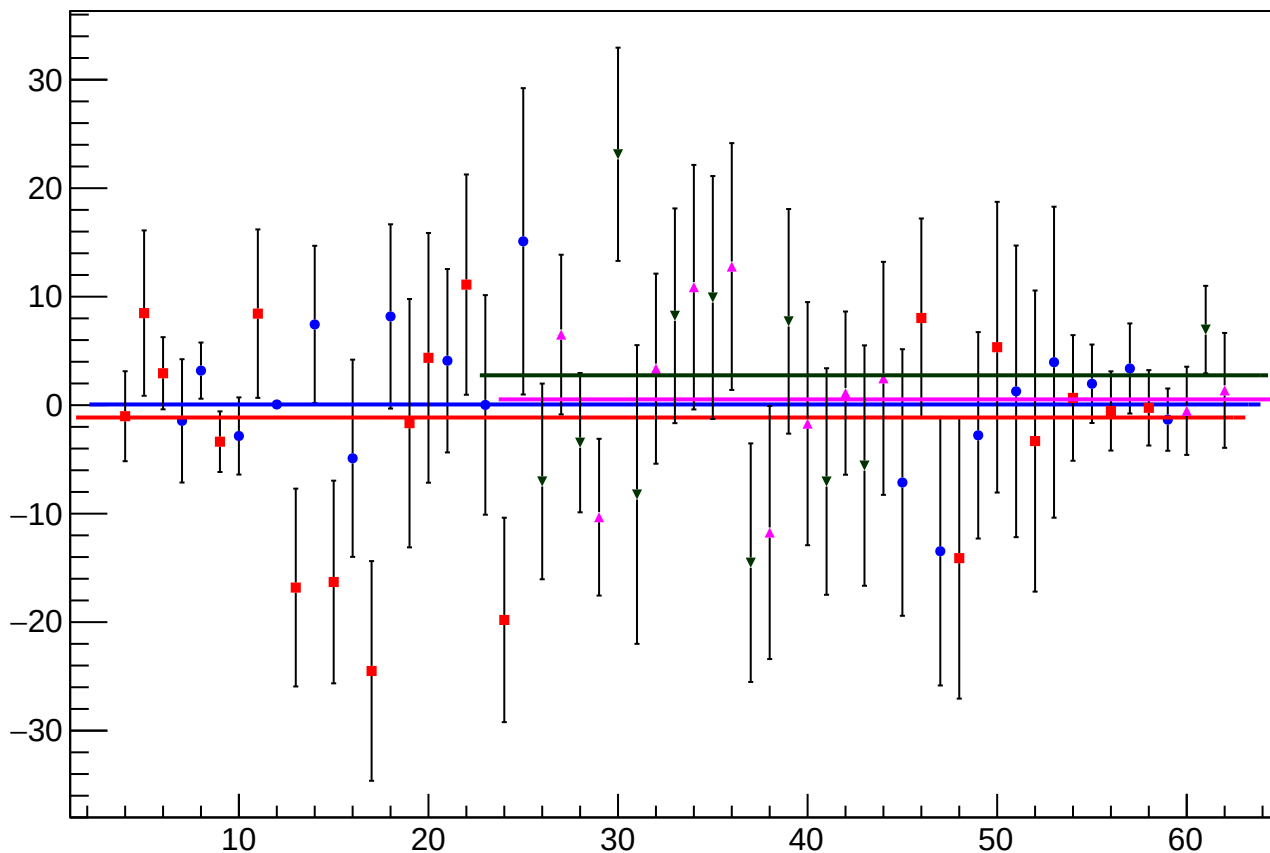
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

Left In: 2108.135+/-0.579 χ^2 /NDF:58631.4/10

74.274+/-0.042 χ^2 /NDF: 31149038.7/28

2019.379+/-0.353 χ^2 /NDF: 706775.6/29

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 $\chi^2/\text{NDF}: 8.7/17$

Left Out: 2.753 ± 2.449 $\chi^2/\text{NDF}: 13.0/10$

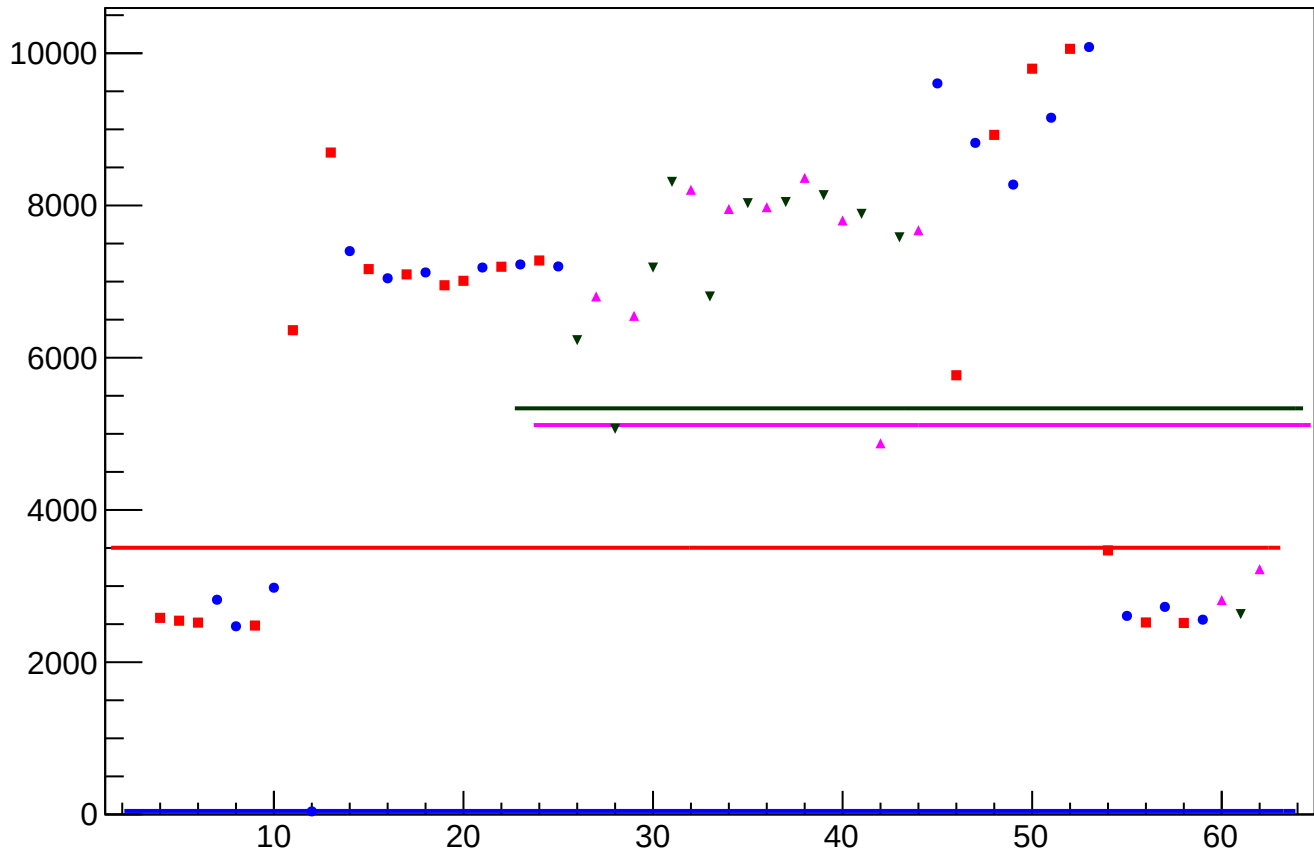
Right Out: -1.137 ± 1.295 $\chi^2/\text{NDF}: 24.2/18$

Left In: 0.534 ± 2.214 $\chi^2/\text{NDF}: 6.3/10$

0.067 ± 0.052 $\chi^2/\text{NDF}: 22.9/28$

-0.711 ± 1.118 $\chi^2/\text{NDF}: 31.0/29$

diff_bpm4acY_rms vs slug



Right In: 46.257 $\pm$ 0.037 χ^2 /NDF: 20176828.9/17

Left Out: 5335.153 $\pm$ 1.732 χ^2 /NDF:1715132.8/10

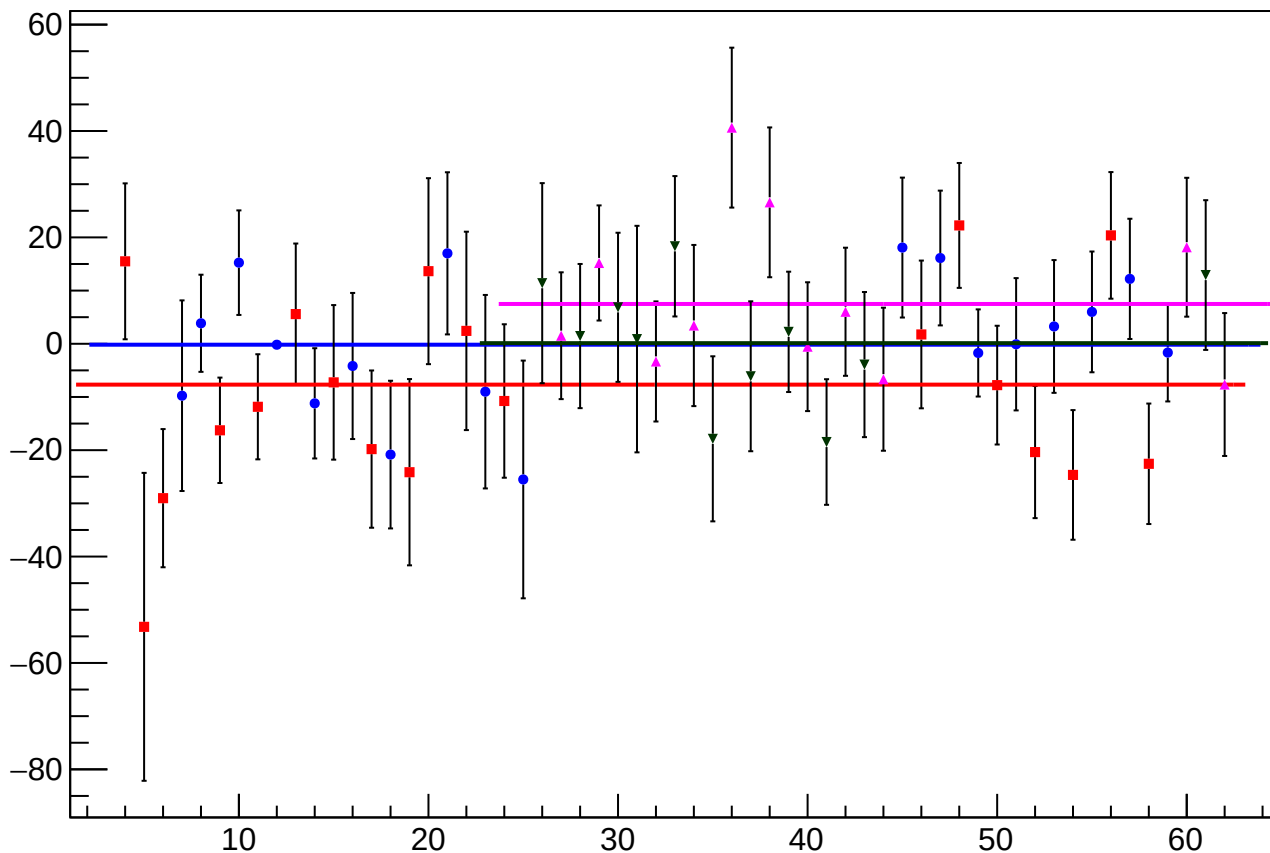
Right Out: 3503.720 $\pm$ 0.916 χ^2 /NDF: 4669685.2/18

Left In: 5115.515 $\pm$ 1.565 χ^2 /NDF:1967776.2/10

48.648 $\pm$ 0.037 χ^2 /NDF: 31215661.7/28

3914.816 $\pm$ 0.790 χ^2 /NDF: 7427398.6/29

diff_bpm4ecX_mean vs slug



Right In: -0.174 ± 0.106 $\chi^2/\text{NDF}: 14.4/17$

Left Out: 0.117 ± 4.229 $\chi^2/\text{NDF}: 7.5/10$

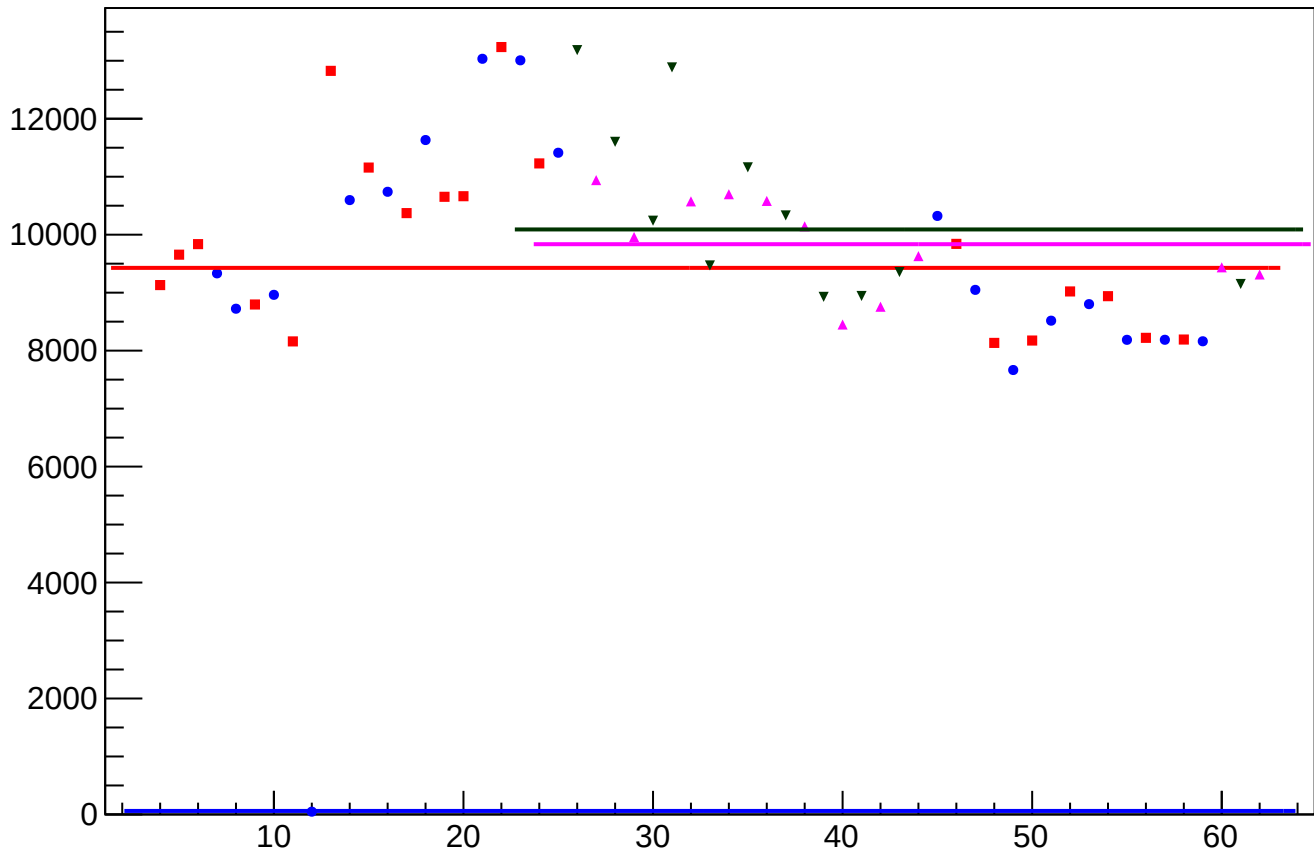
Right Out: -7.679 ± 3.015 $\chi^2/\text{NDF}: 30.2/18$

Left In: 7.483 ± 3.837 $\chi^2/\text{NDF}: 12.0/10$

-0.174 ± 0.106 $\chi^2/\text{NDF}: 21.9/28$

-1.890 ± 2.371 $\chi^2/\text{NDF}: 51.8/29$

diff_bpm4ecX_rms vs slug



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

Left Out: 10090.311+/-2.990 χ^2/NDF : 182965.1/10

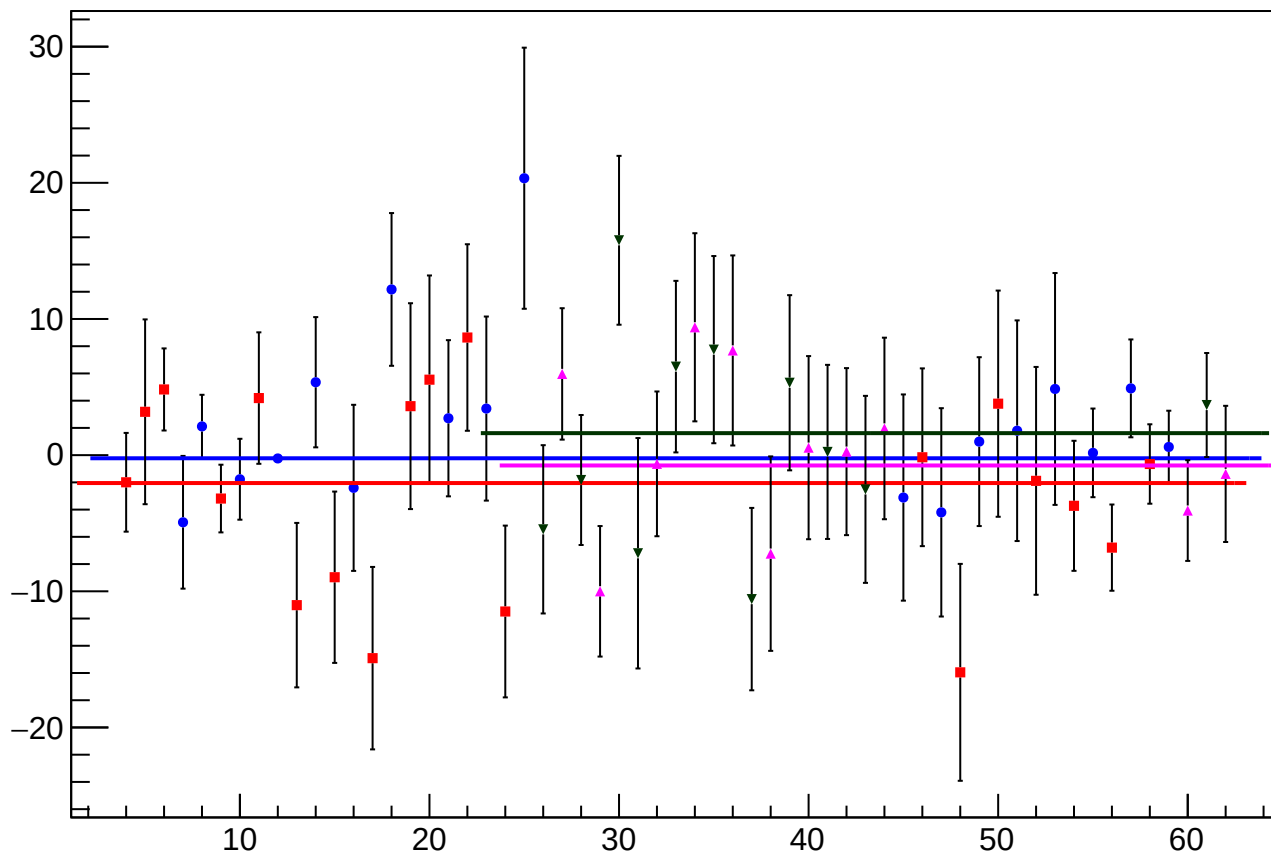
Right Out: 9427.549+/-2.132 χ^2/NDF : 447350.4/18

Left In: 9835.845+/-2.713 χ^2/NDF : 85982.2/10

67.092+/-0.075 χ^2/NDF : 32547388.3/28

9583.429+/-1.677 χ^2/NDF : 547331.2/29

diff_bpm4ecY_mean vs slug



Right In: -0.230 ± 0.090 $\chi^2/\text{NDF}: 16.8/17$

Left Out: 1.616 ± 1.776 $\chi^2/\text{NDF}: 13.9/10$

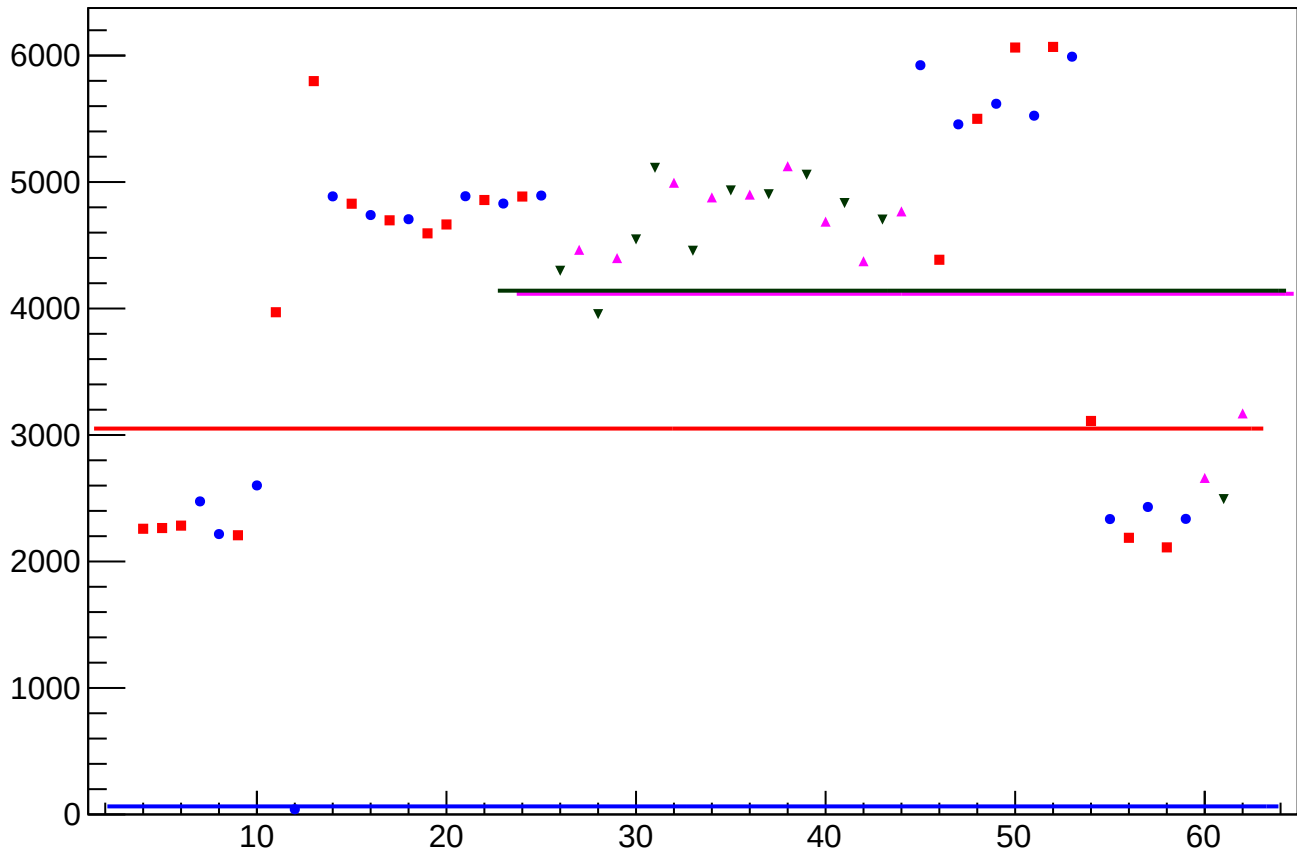
Right Out: -2.049 ± 1.055 $\chi^2/\text{NDF}: 27.2/18$

Left In: -0.759 ± 1.650 $\chi^2/\text{NDF}: 11.2/10$

-0.225 ± 0.090 $\chi^2/\text{NDF}: 31.7/28$

-1.675 ± 0.889 $\chi^2/\text{NDF}: 38.8/29$

diff_bpm4ecY_rms vs slug



Right In: 63.702 $\pm$ 0.064 χ^2 /NDF: 20268366.8/17

Left Out: 4140.975 $\pm$ 1.256 χ^2 /NDF:546142.8/10

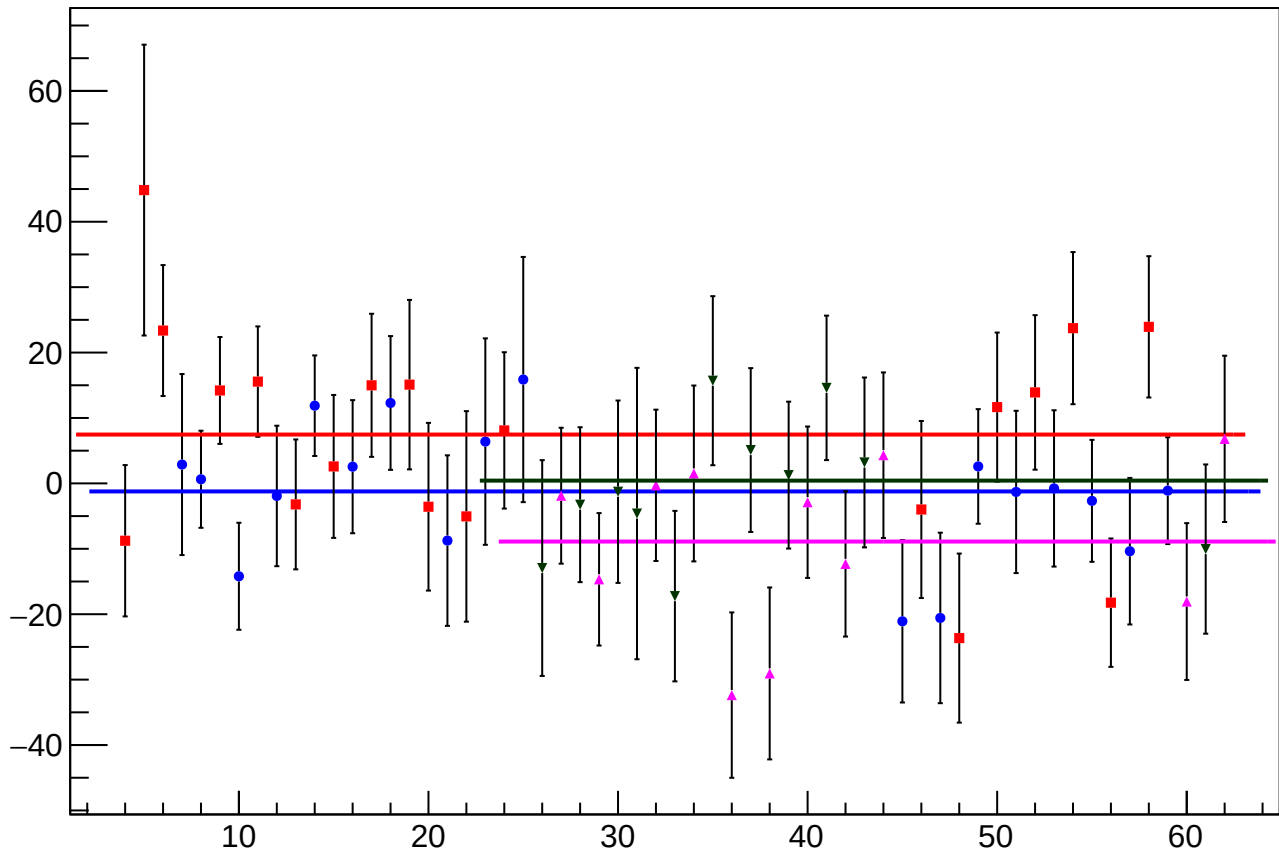
Right Out: 3050.872 $\pm$ 0.746 χ^2 /NDF: 2882138.2/18

Left In: 4116.573 $\pm$ 1.167 χ^2 /NDF:579767.5/10

74.107 $\pm$ 0.063 χ^2 /NDF: 31327276.4/28

3360.254 $\pm$ 0.629 χ^2 /NDF: 4053892.1/29

diff_bpm1X_mean vs slug



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

Left Out: 0.423 ± 3.945 χ^2/NDF : 6.5/10

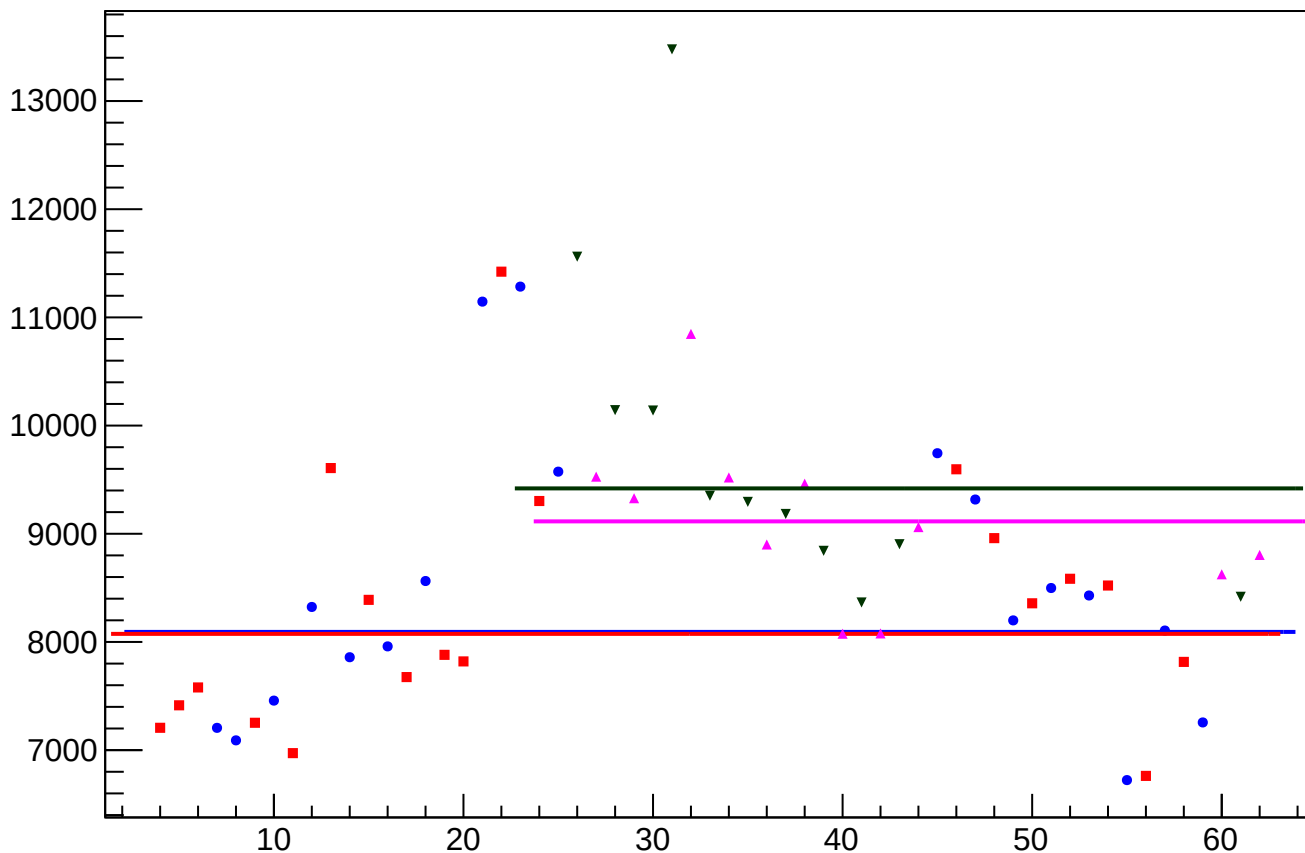
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -8.893 ± 3.557 χ^2/NDF : 11.3/10

-0.774 ± 2.069 χ^2/NDF : 21.2/28

1.843 ± 2.085 χ^2/NDF : 55.7/29

diff_bpm1X_rms vs slug



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

Left Out: 9419.314+/-2.789 χ^2/NDF :152512.2/10

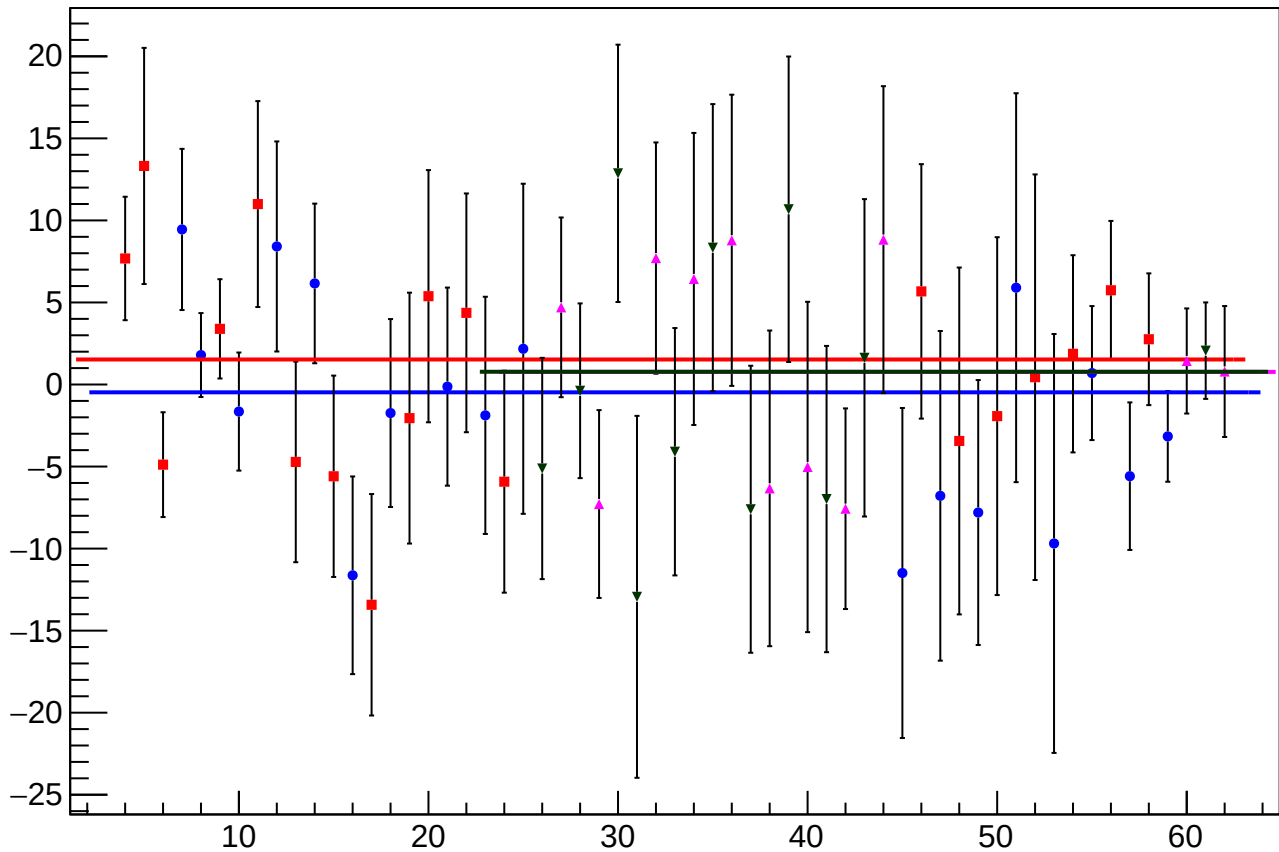
Right Out: 8074.654+/-1.820 χ^2/NDF : 312658.9/18

Left In: 9114.478+/-2.515 χ^2/NDF :90826.5/10

8457.819+/-1.463 χ^2/NDF : 705777.6/28

8432.018+/-1.474 χ^2/NDF : 515672.0/29

diff_bpm1Y_mean vs slug



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

Left Out: 0.777 ± 1.907 χ^2/NDF : 8.8/10

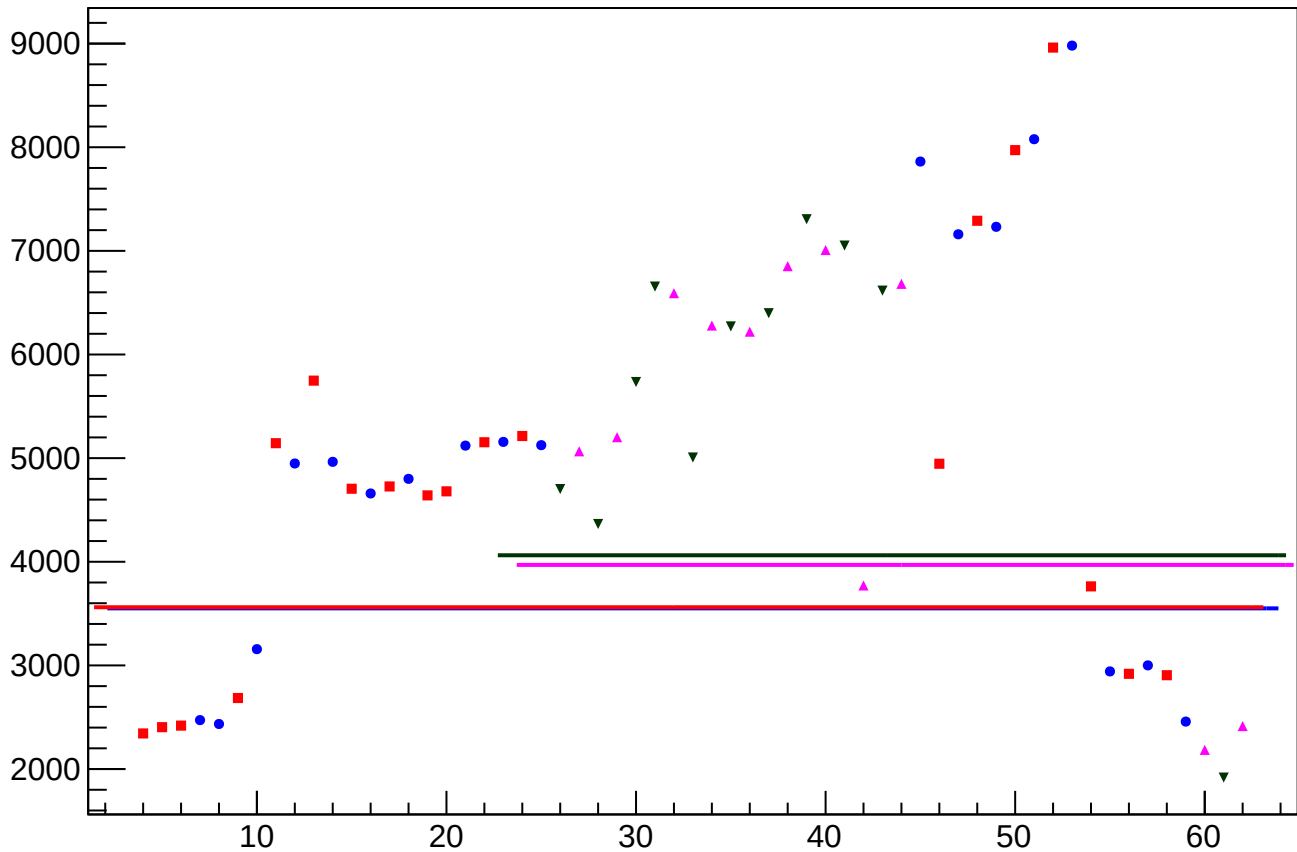
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: 0.768 ± 1.745 χ^2/NDF : 8.2/10

-0.137 ± 0.992 χ^2/NDF : 27.1/28

1.273 ± 1.006 χ^2/NDF : 31.2/29

diff_bpm1Y_rms vs slug



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

Left Out: 4062.725+/-1.349 χ^2/NDF : 2179687.7/10

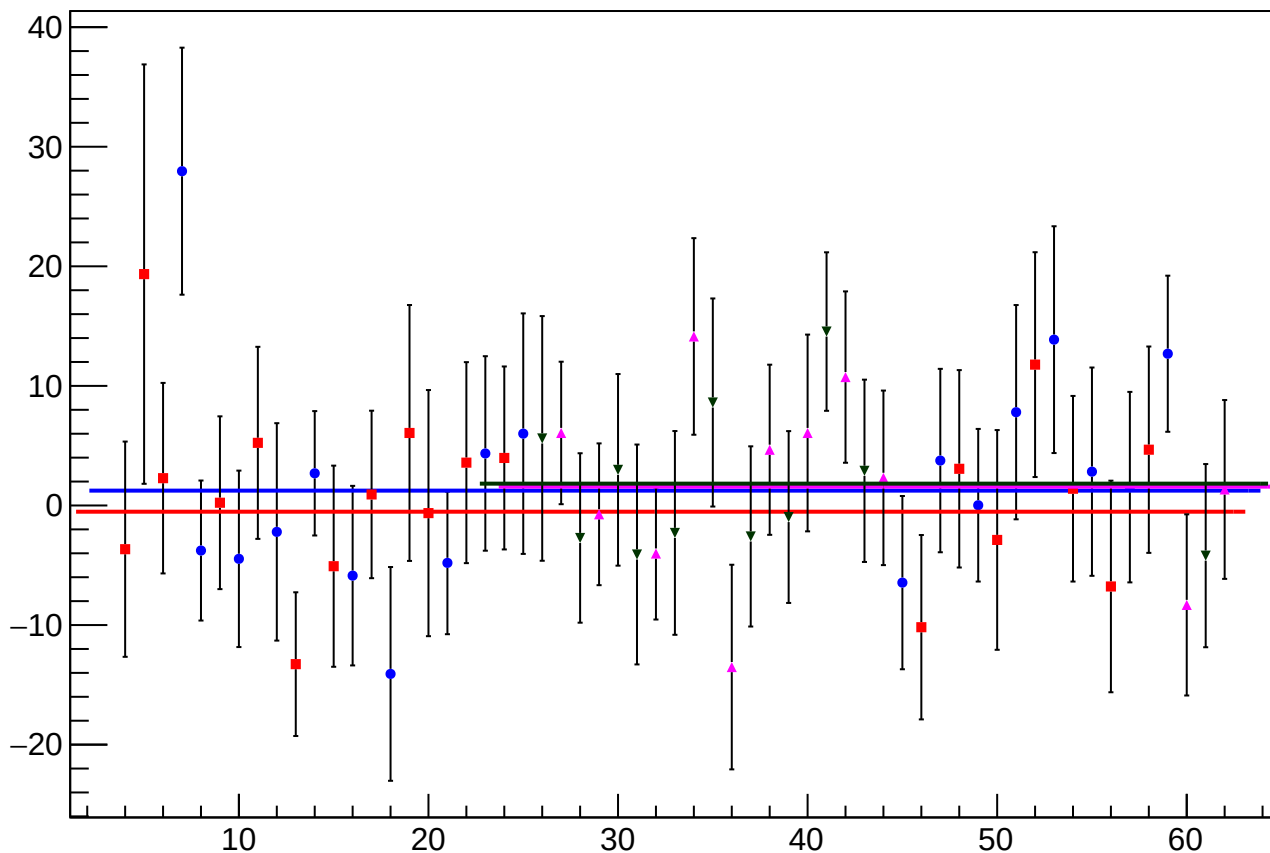
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 3969.656+/-1.234 χ^2/NDF : 2169862.4/10

3688.990+/-0.701 χ^2/NDF : 5578964.7/28

3697.080+/-0.712 χ^2/NDF : 4861219.4/29

diff_bpm11X_mean vs slug



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

Left Out: 1.825 ± 2.371 χ^2/NDF : 6.6/10

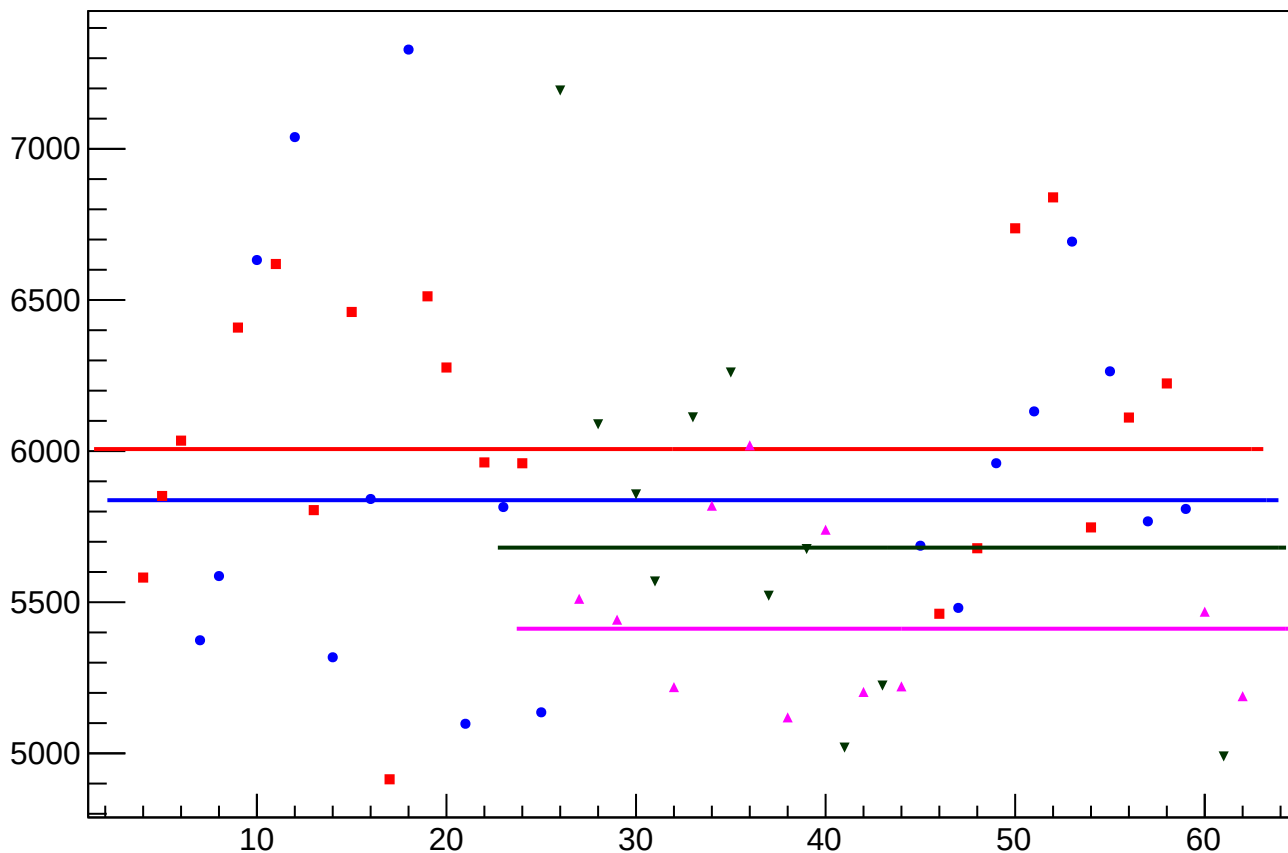
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: 1.574 ± 2.104 χ^2/NDF : 11.0/10

1.448 ± 1.409 χ^2/NDF : 26.8/28

0.424 ± 1.413 χ^2/NDF : 23.9/29

diff_bpm11X_rms vs slug



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

Left Out: 5680.650 ± 1.677 $\chi^2/\text{NDF}: 109870.9/10$

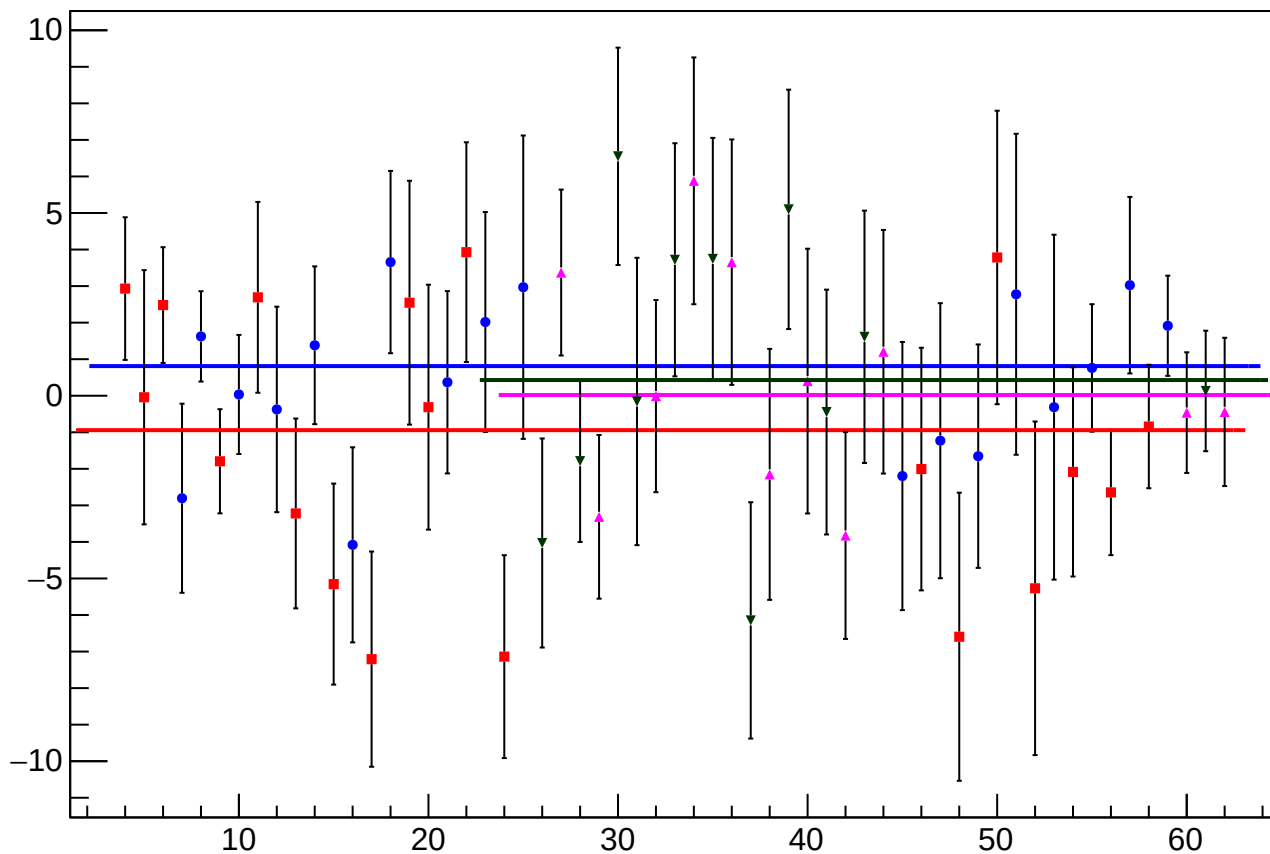
Right Out: 6006.736 ± 1.348 $\chi^2/\text{NDF}: 130455.1/18$

Left In: 5412.348 ± 1.487 $\chi^2/\text{NDF}: 29556.0/10$

5782.182 ± 0.996 $\chi^2/\text{NDF}: 326851.2/28$

5738.673 ± 0.999 $\chi^2/\text{NDF}: 247683.2/29$

diff_bpm11Y_mean vs slug



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

Left Out: 0.429 ± 0.838 χ^2/NDF : 16.2/10

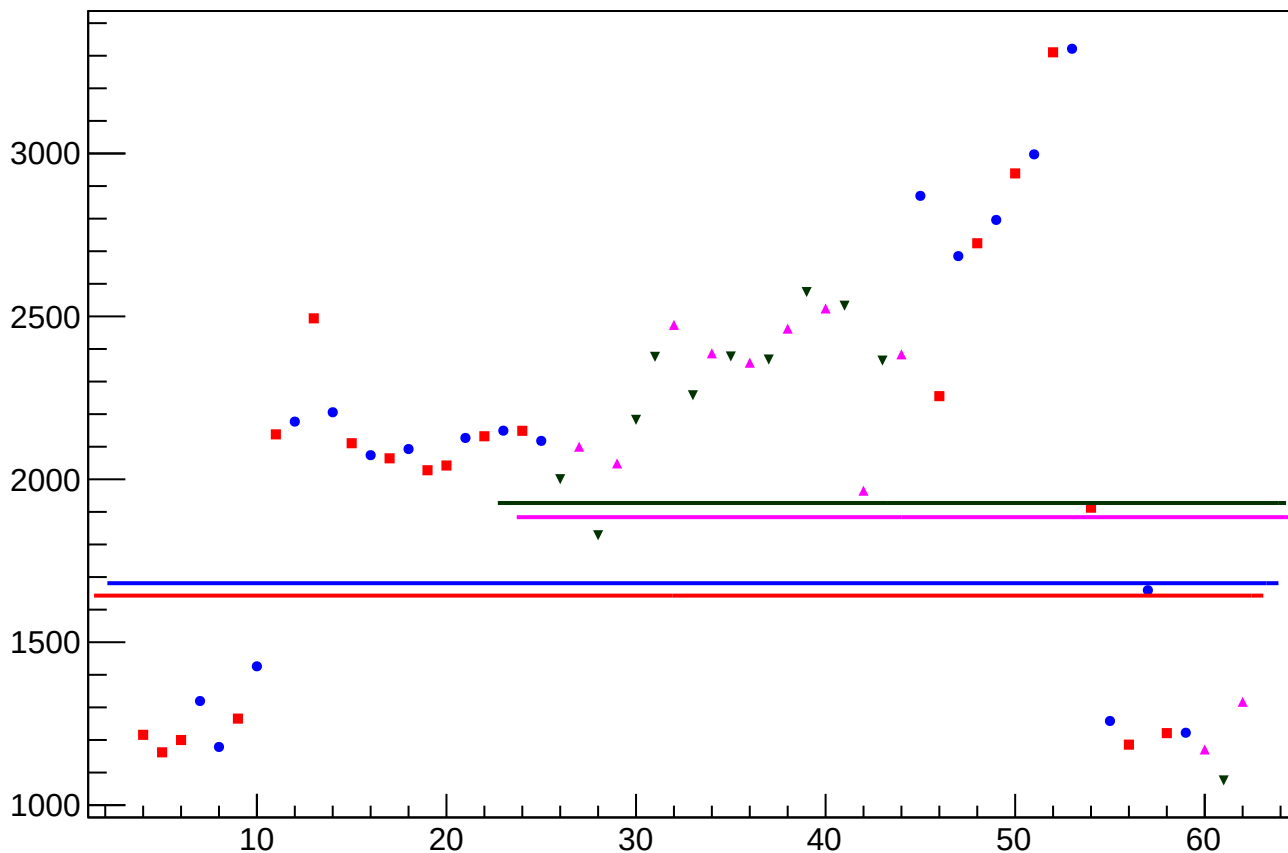
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.020 ± 0.767 χ^2/NDF : 11.1/10

0.701 ± 0.449 χ^2/NDF : 27.6/28

-0.613 ± 0.448 χ^2/NDF : 45.1/29

diff_bpm11Y_rms vs slug



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

Left Out: 1927.359+/-0.593 χ^2/NDF : 850309.8/10

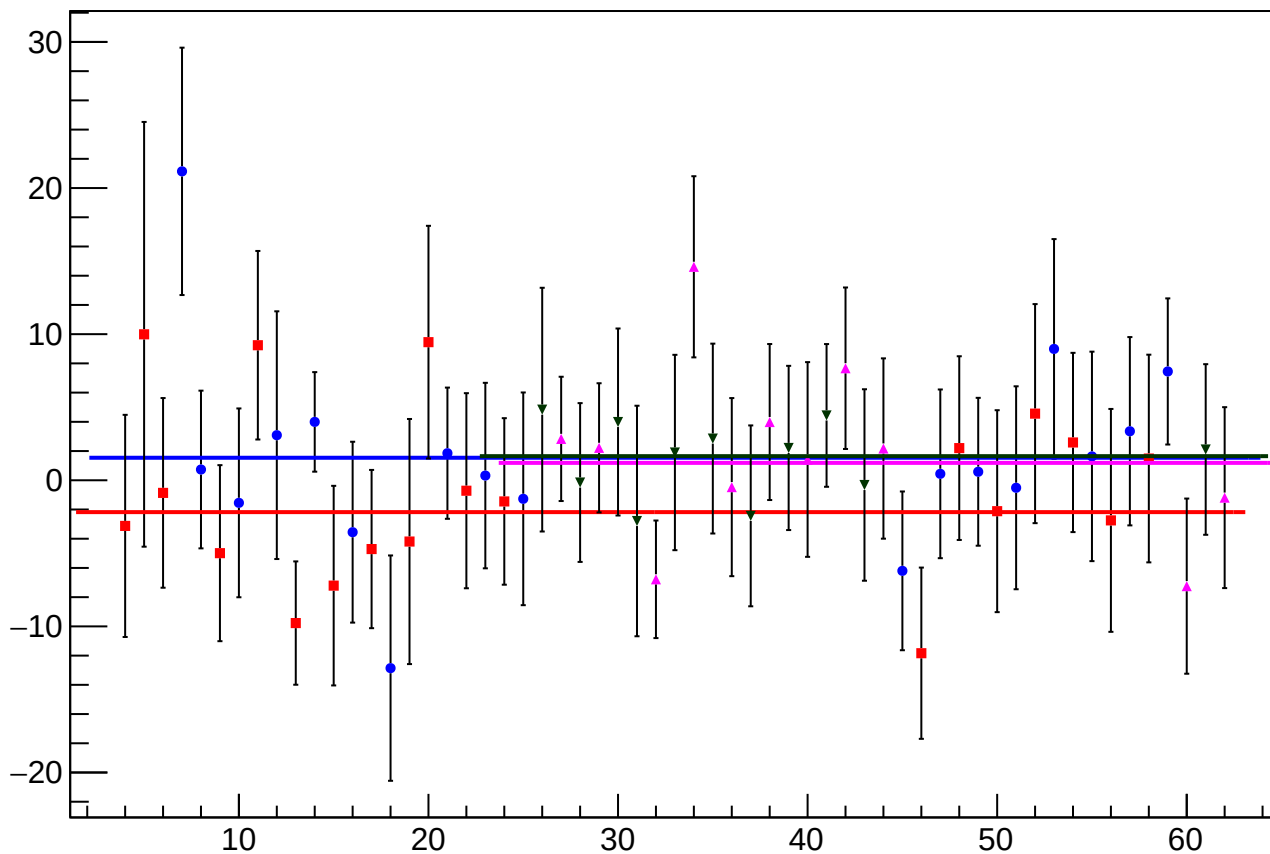
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1883.847+/-0.542 χ^2/NDF : 909341.5/10

1751.881+/-0.318 χ^2/NDF : 3186229.0/28

1725.361+/-0.317 χ^2/NDF : 3008465.1/29

diff_bpm12X_mean vs slug



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

Left Out: 1.651 ± 1.866 χ^2/NDF : 1.6/10

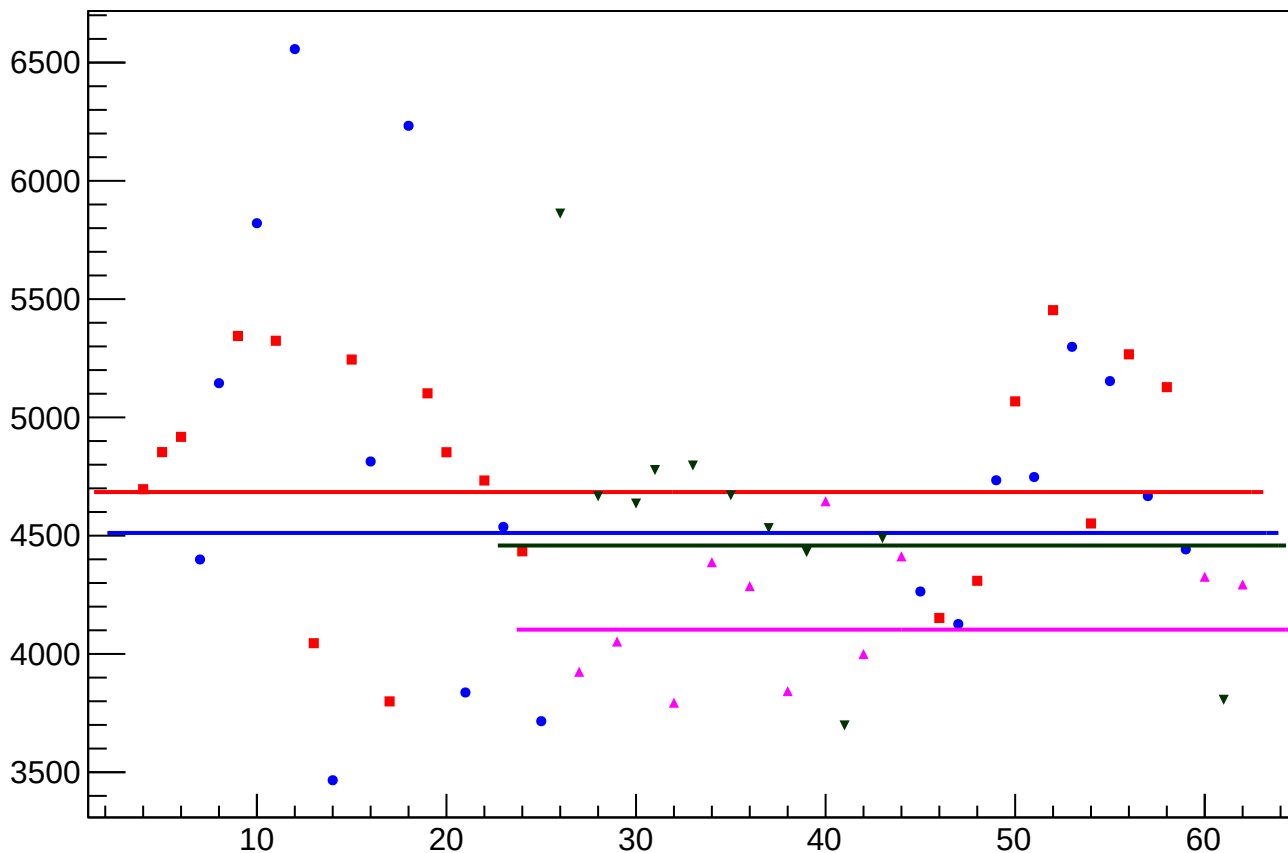
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: 1.191 ± 1.598 χ^2/NDF : 12.7/10

1.580 ± 1.104 χ^2/NDF : 16.8/28

-0.609 ± 1.091 χ^2/NDF : 30.3/29

diff_bpm12X_rms vs slug



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

Left Out: 4458.376+/-1.320 χ^2/NDF :145426.1/10

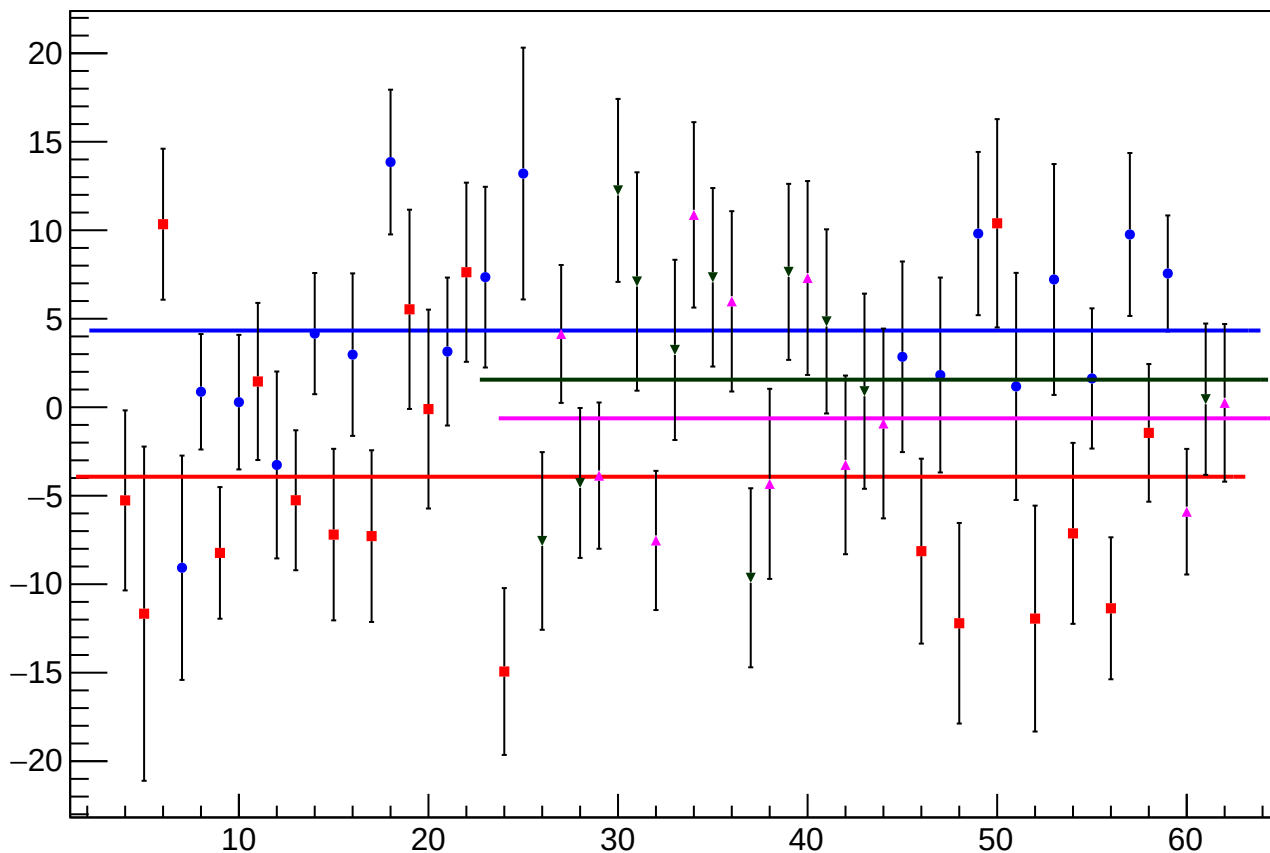
4492.908+/-0.781 χ^2/NDF : 793478.4/28

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

4413.358+/-0.771 χ^2/NDF : 431829.8/29

Left In: 4102.724+/-1.130 χ^2/NDF :50043.2/10

diff_bpm12Y_mean vs slug



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

Left Out: 1.557 ± 1.506 χ^2/NDF : 18.6/10

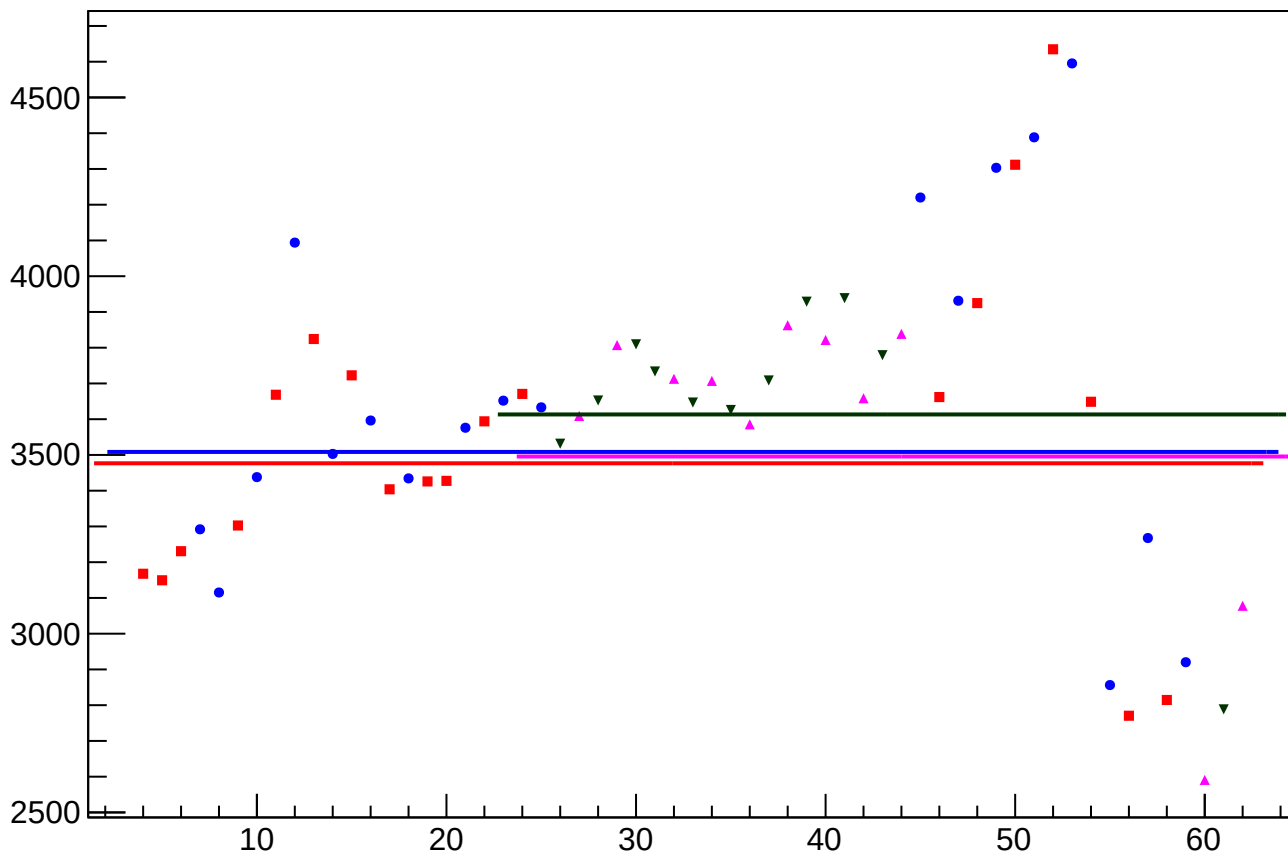
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: -0.628 ± 1.366 χ^2/NDF : 16.8/10

3.419 ± 0.864 χ^2/NDF : 42.1/28

-2.615 ± 0.861 χ^2/NDF : 64.5/29

diff_bpm12Y_rms vs slug



Right In: 3508.449+/-0.746 χ^2/NDF : 384135.9/17

Left Out: 3613.292+/-1.065 χ^2/NDF :97320.2/10

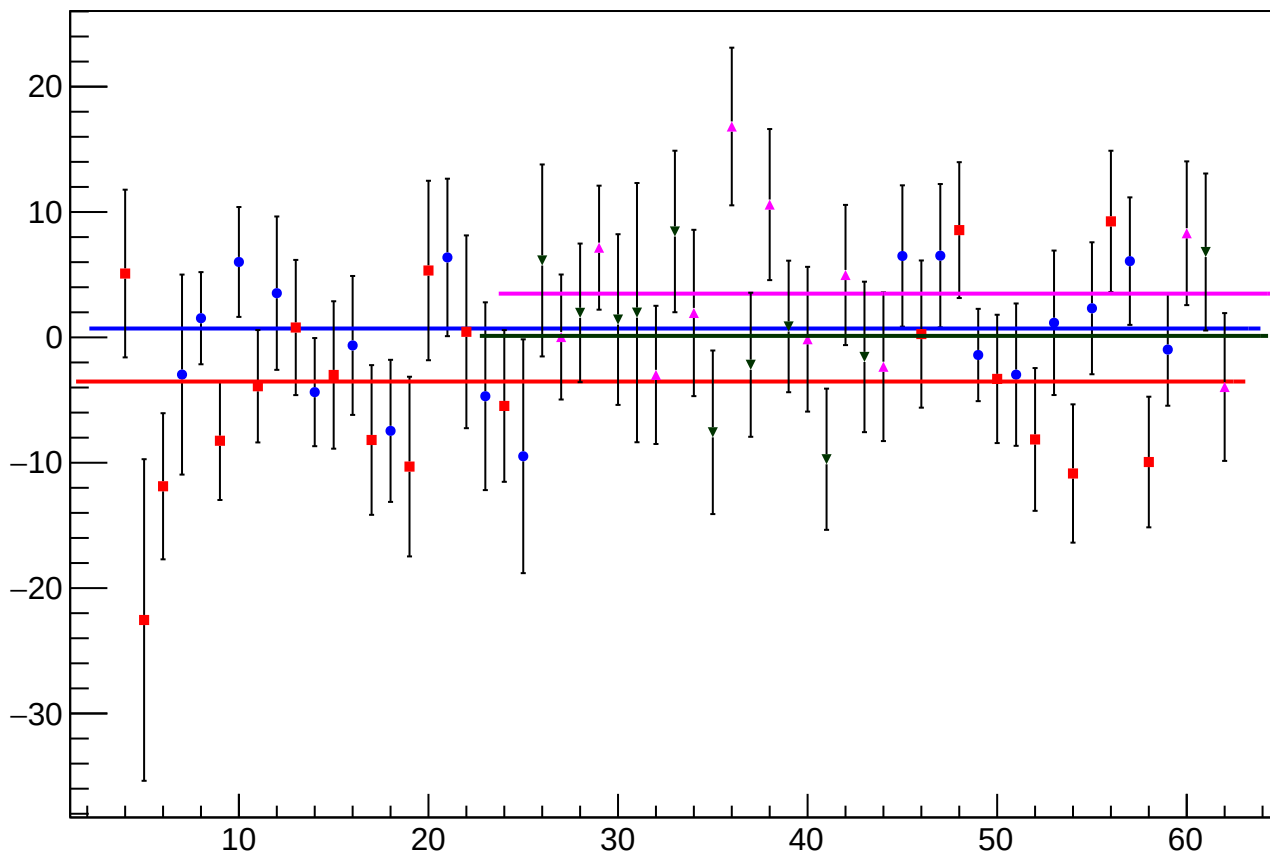
Right Out: 3476.662+/-0.785 χ^2/NDF : 293750.8/18

Left In: 3495.646+/-0.966 χ^2/NDF :197317.1/10

3542.982+/-0.611 χ^2/NDF : 487958.9/28

3484.211+/-0.609 χ^2/NDF : 491300.5/29

diff_bpm16X_mean vs slug



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

Left Out: 0.118 ± 1.891 χ^2/NDF : 8.3/10

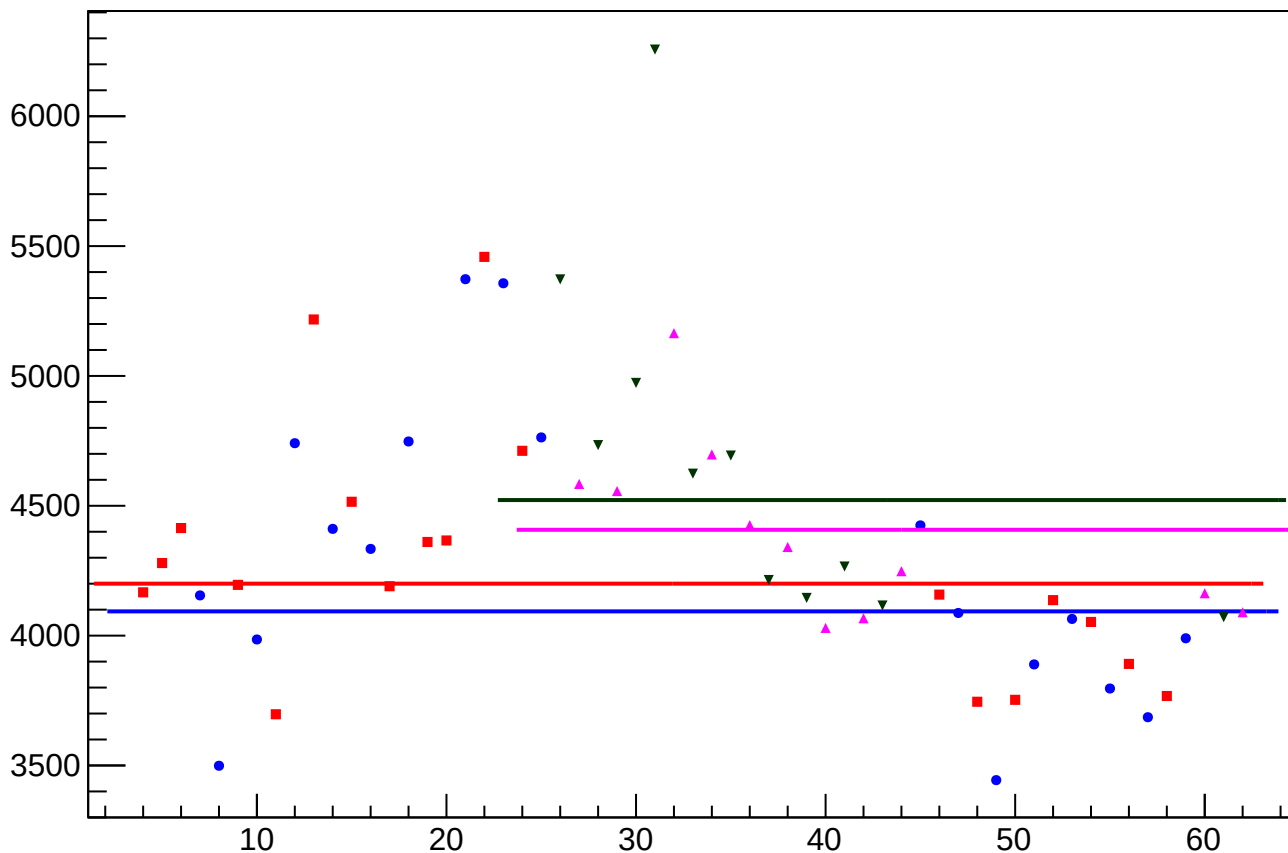
Right Out: -3.522 ± 1.336 χ^2/NDF : 25.4/18

Left In: 3.489 ± 1.717 χ^2/NDF : 12.1/10

0.533 ± 1.030 χ^2/NDF : 20.6/28

-0.878 ± 1.054 χ^2/NDF : 47.9/29

diff_bpm16X_rms vs slug



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

Left Out: 4522.049 $\pm$ 1.337 χ^2 /NDF:134246.4/10

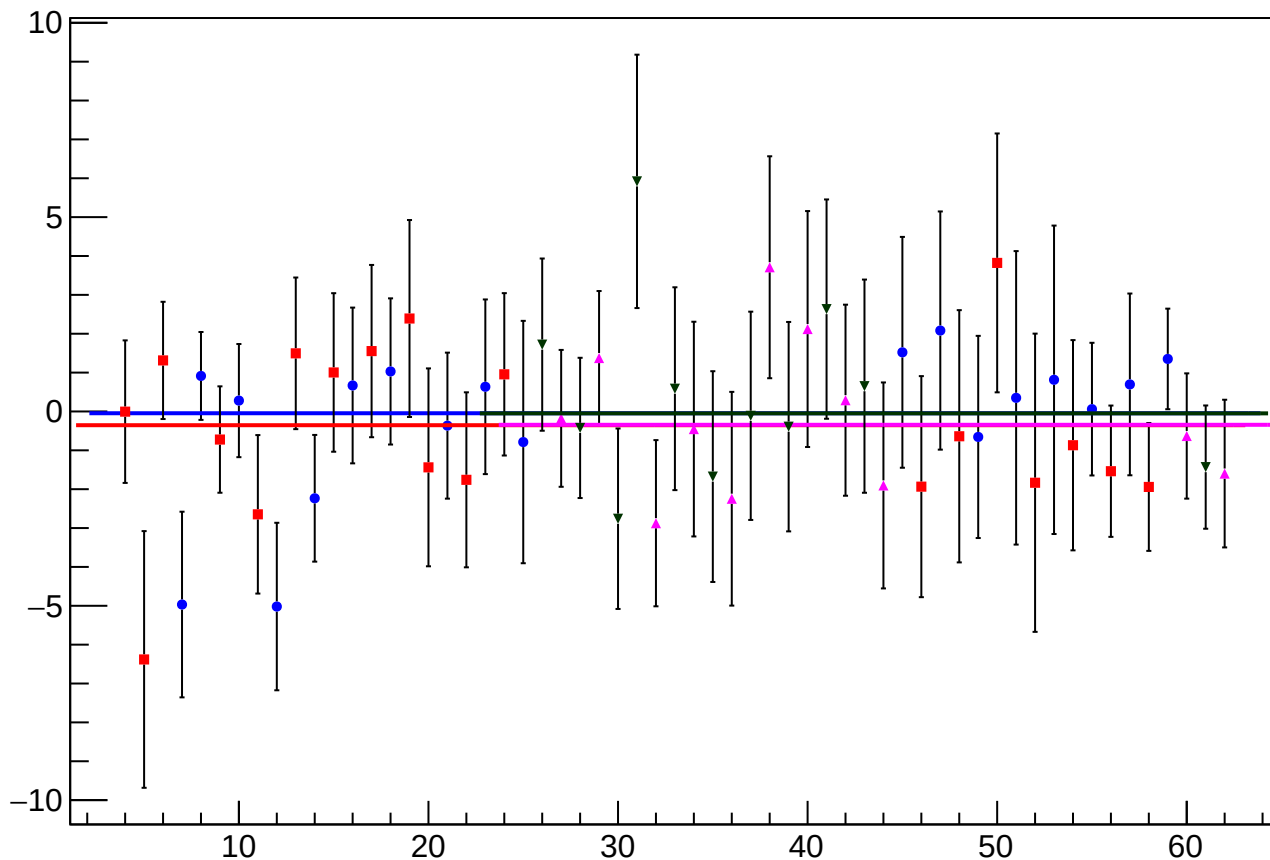
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4407.572 $\pm$ 1.214 χ^2 /NDF:73032.2/10

4220.676 $\pm$ 0.729 χ^2 /NDF: 566217.7/28

4278.351 $\pm$ 0.746 χ^2 /NDF: 317075.3/29

diff_bpm16Y_mean vs slug



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

Left Out: -0.049 ± 0.706 $\chi^2/\text{NDF}: 7.6/10$

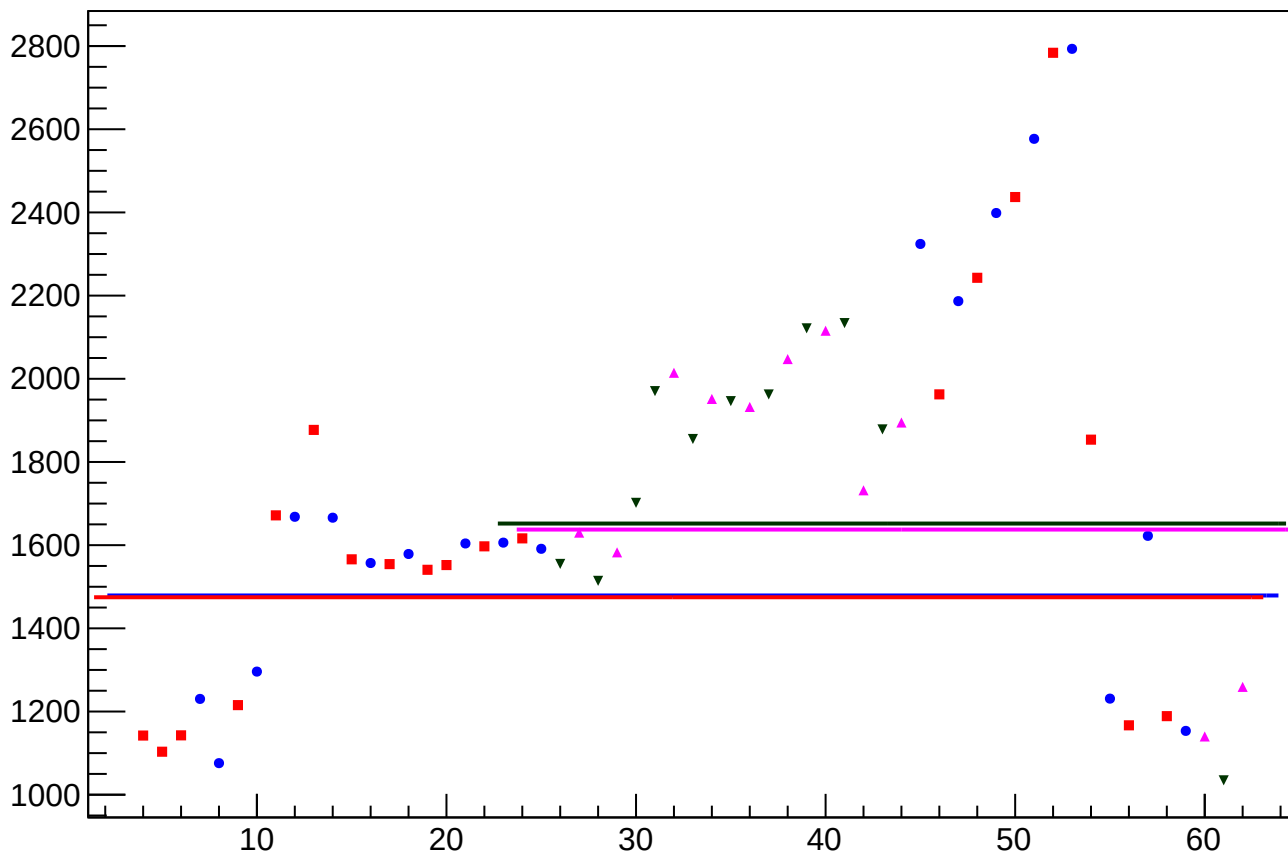
Right Out: -0.354 ± 0.483 $\chi^2/\text{NDF}: 13.6/18$

Left In: -0.343 ± 0.653 $\chi^2/\text{NDF}: 6.4/10$

-0.047 ± 0.384 $\chi^2/\text{NDF}: 22.5/28$

-0.350 ± 0.389 $\chi^2/\text{NDF}: 20.1/29$

diff_bpm16Y_rms vs slug



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

Left Out: 1651.965+/-0.499 χ^2/NDF : 533886.6/10

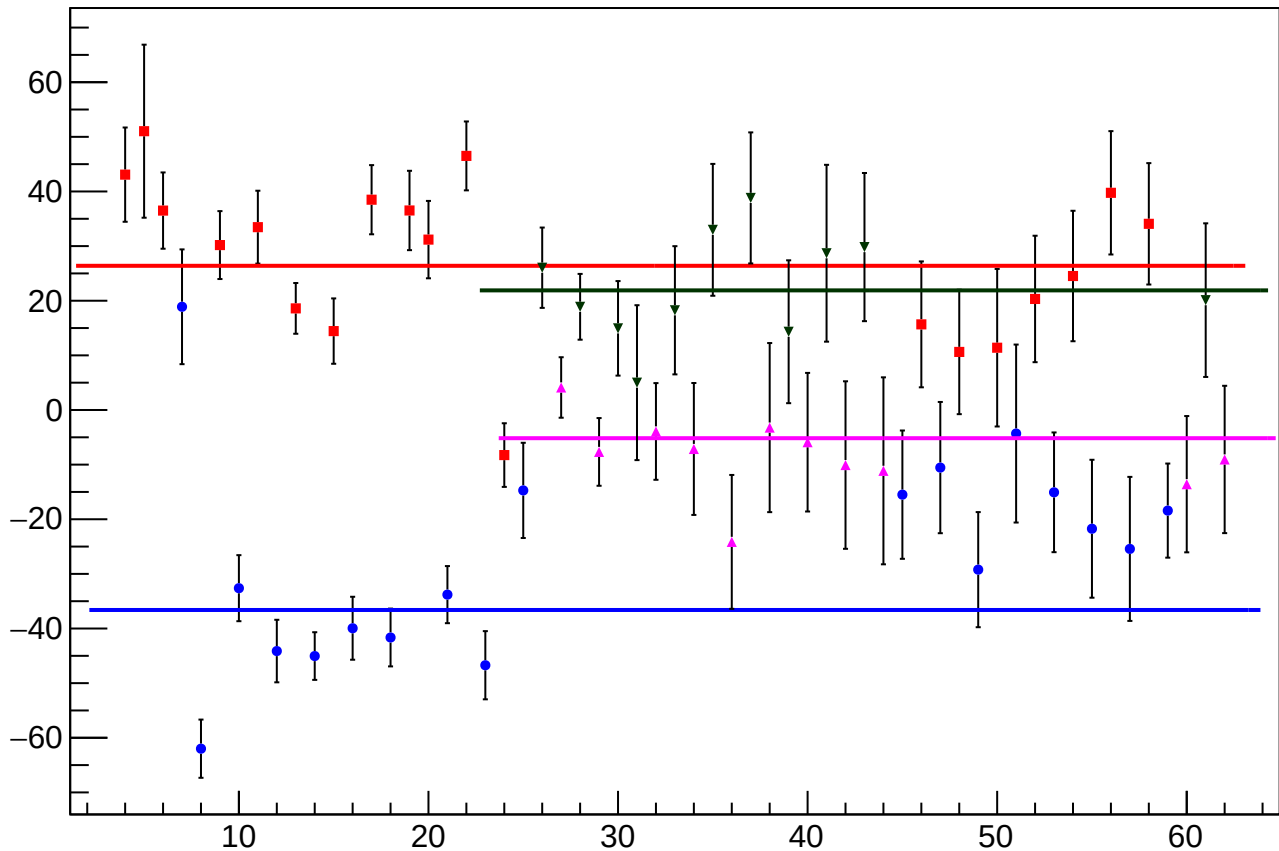
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

Left In: 1637.501+/-0.462 χ^2/NDF : 495544.0/10

1530.289+/-0.272 χ^2/NDF : 2077689.5/28

1532.315+/-0.275 χ^2/NDF : 1700935.5/29

diff_bpm0l01X_mean vs slug



Right In: -36.608 $\pm$ 1.674 χ^2/NDF : 89.8/17

Left Out: 21.894 $\pm$ 3.076 χ^2/NDF : 6.4/10

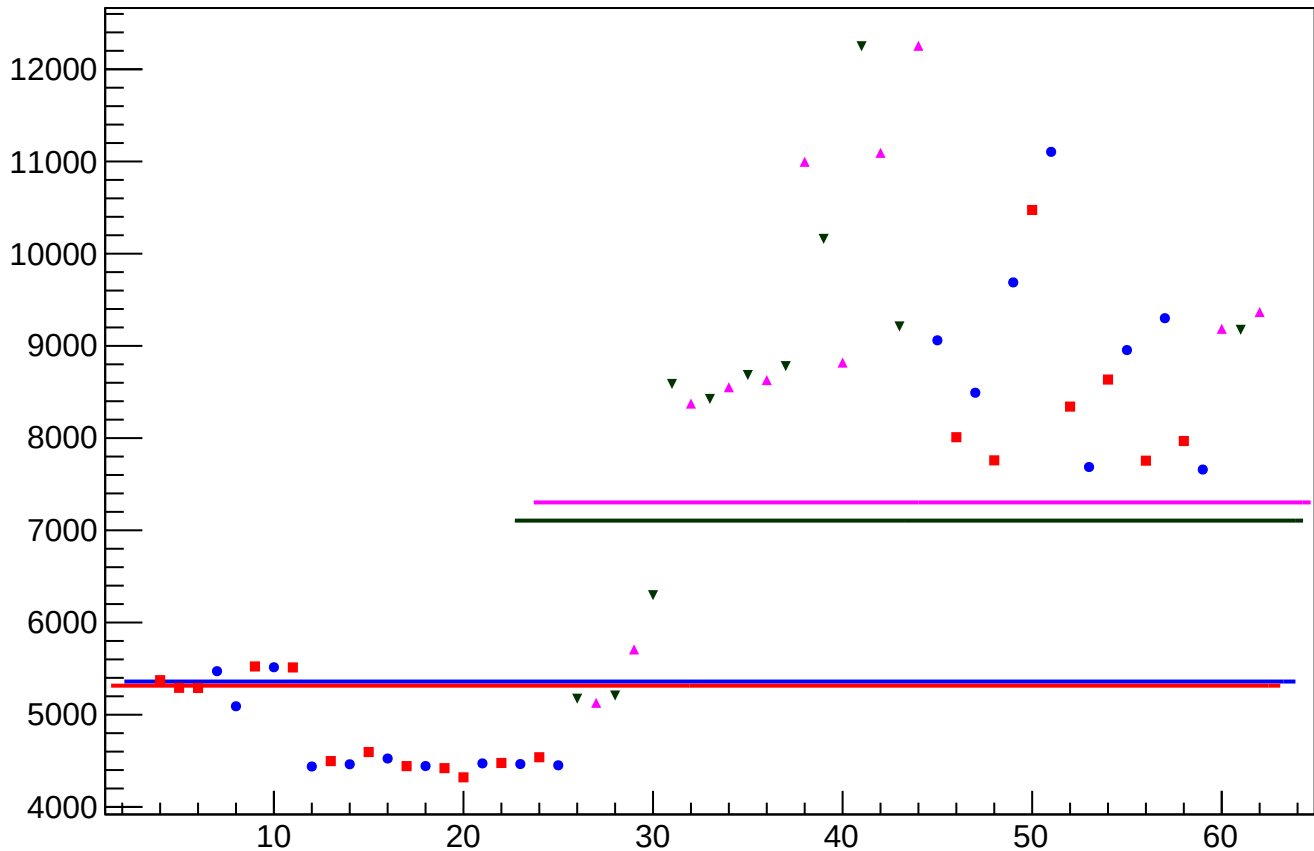
Right Out: 26.394 $\pm$ 1.742 χ^2/NDF : 74.2/18

Left In: -5.162 $\pm$ 2.949 χ^2/NDF : 6.2/10

-23.243 $\pm$ 1.470 χ^2/NDF : 375.2/28

18.233 $\pm$ 1.500 χ^2/NDF : 165.3/29

diff_bpm0l01X_rms vs slug



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

Left Out: 7105.154+/-2.175 χ^2/NDF : 877237.4/10

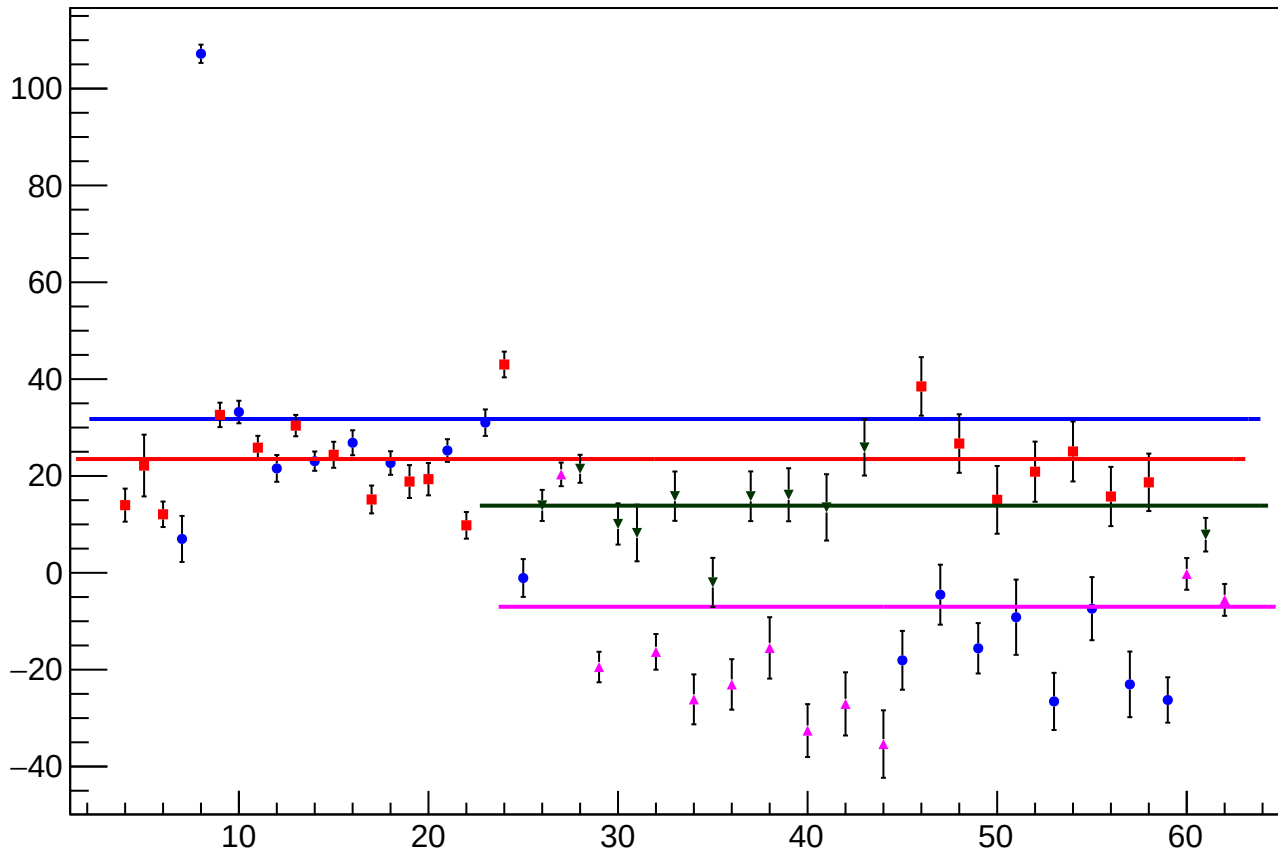
5758.655+/-1.040 χ^2/NDF : 3233778.4/28

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

5829.022+/-1.061 χ^2/NDF : 2942753.5/29

Left In: 7302.495+/-2.086 χ^2/NDF : 1039578.4/10

diff_bpm0l01Y_mean vs slug



Right In: 31.767 ± 0.741 χ^2/NDF : 2323.1/17

Left Out: 13.872 ± 1.308 χ^2/NDF : 26.2/10

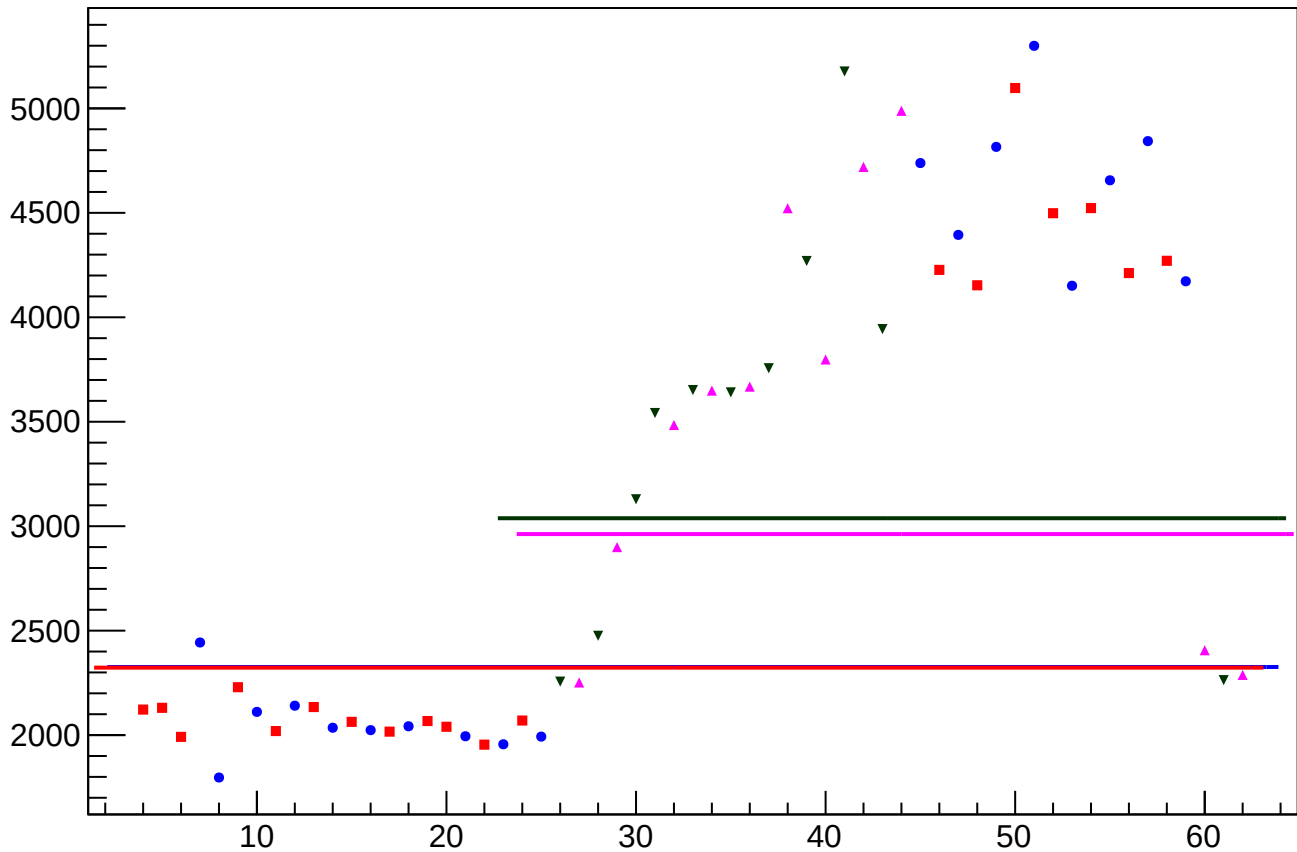
Right Out: 23.500 ± 0.773 χ^2/NDF : 151.3/18

Left In: -7.009 ± 1.190 χ^2/NDF : 225.5/10

27.421 ± 0.645 χ^2/NDF : 2491.0/28

14.458 ± 0.648 χ^2/NDF : 838.9/29

diff_bpm0l01Y_rms vs slug



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

Left Out: 3038.103+/-0.925 χ^2/NDF : 751732.6/10

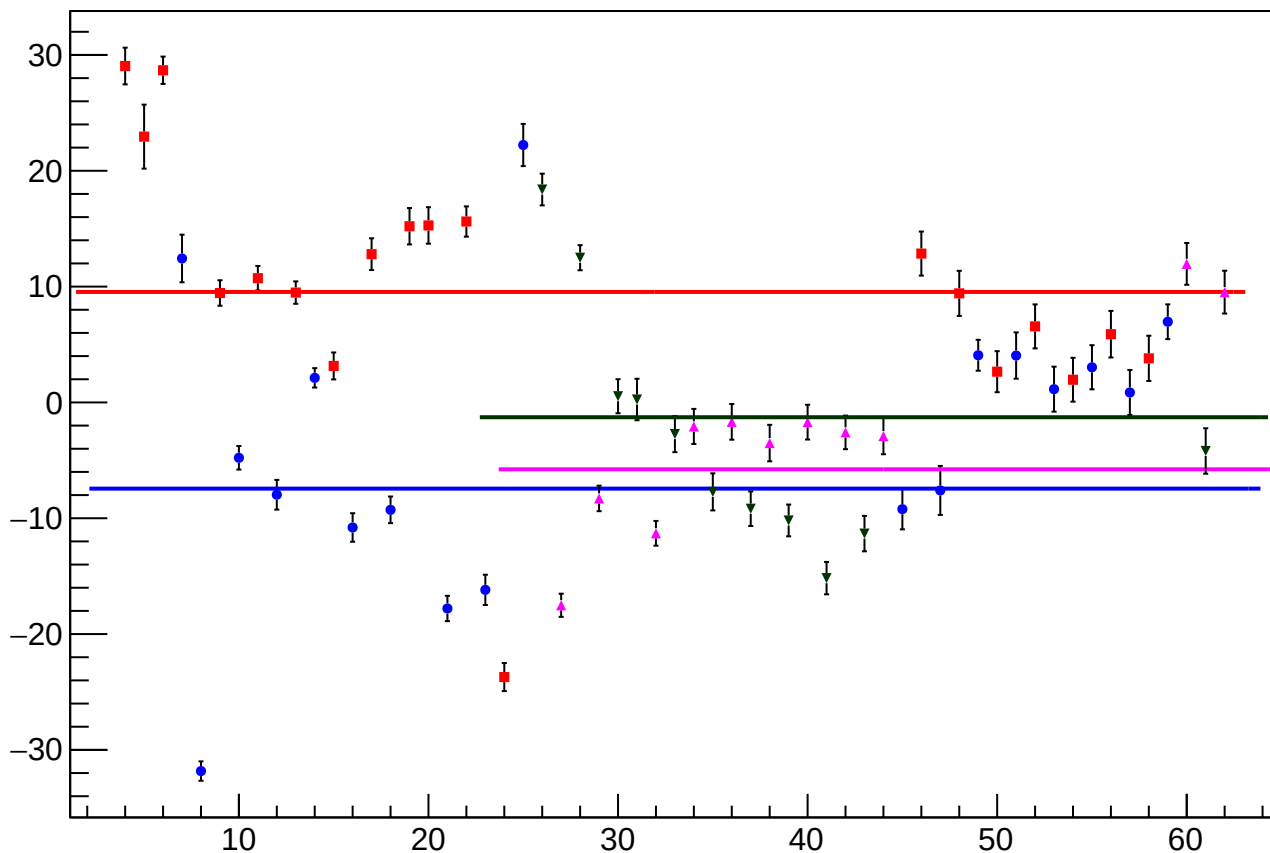
2499.001+/-0.456 χ^2/NDF : 3896956.9/28

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

2512.432+/-0.458 χ^2/NDF : 3123844.3/29

Left In: 2962.346+/-0.842 χ^2/NDF : 907072.8/10

diff_bpm2i01X_mean vs slug



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

Left Out: -1.279 ± 0.441 χ^2/NDF : 601.5/10

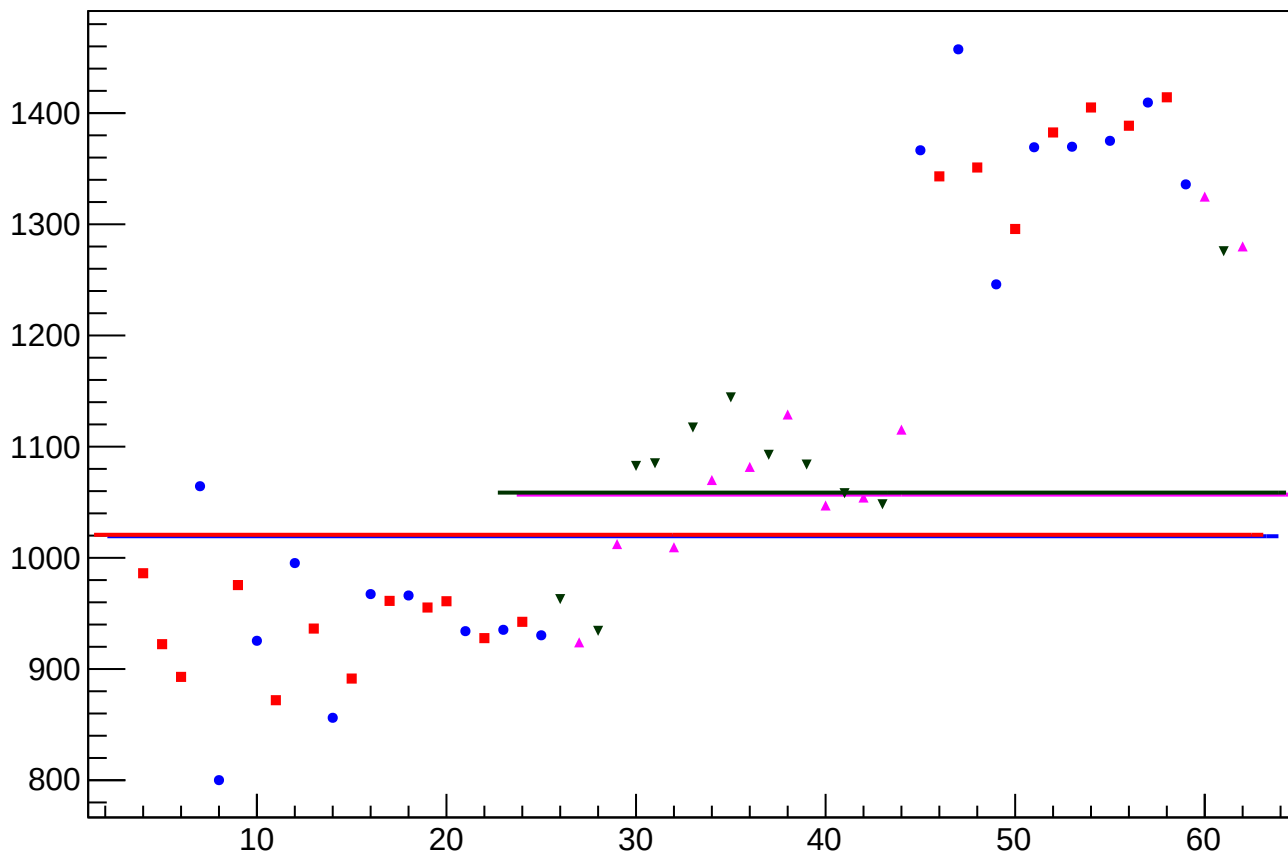
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -5.775 ± 0.412 χ^2/NDF : 365.7/10

-5.405 ± 0.254 χ^2/NDF : 2486.0/28

3.606 ± 0.256 χ^2/NDF : 2540.2/29

diff_bpm2i01X_rms vs slug



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

Left Out: 1058.670+/-0.312 χ^2/NDF : 71908.3/10

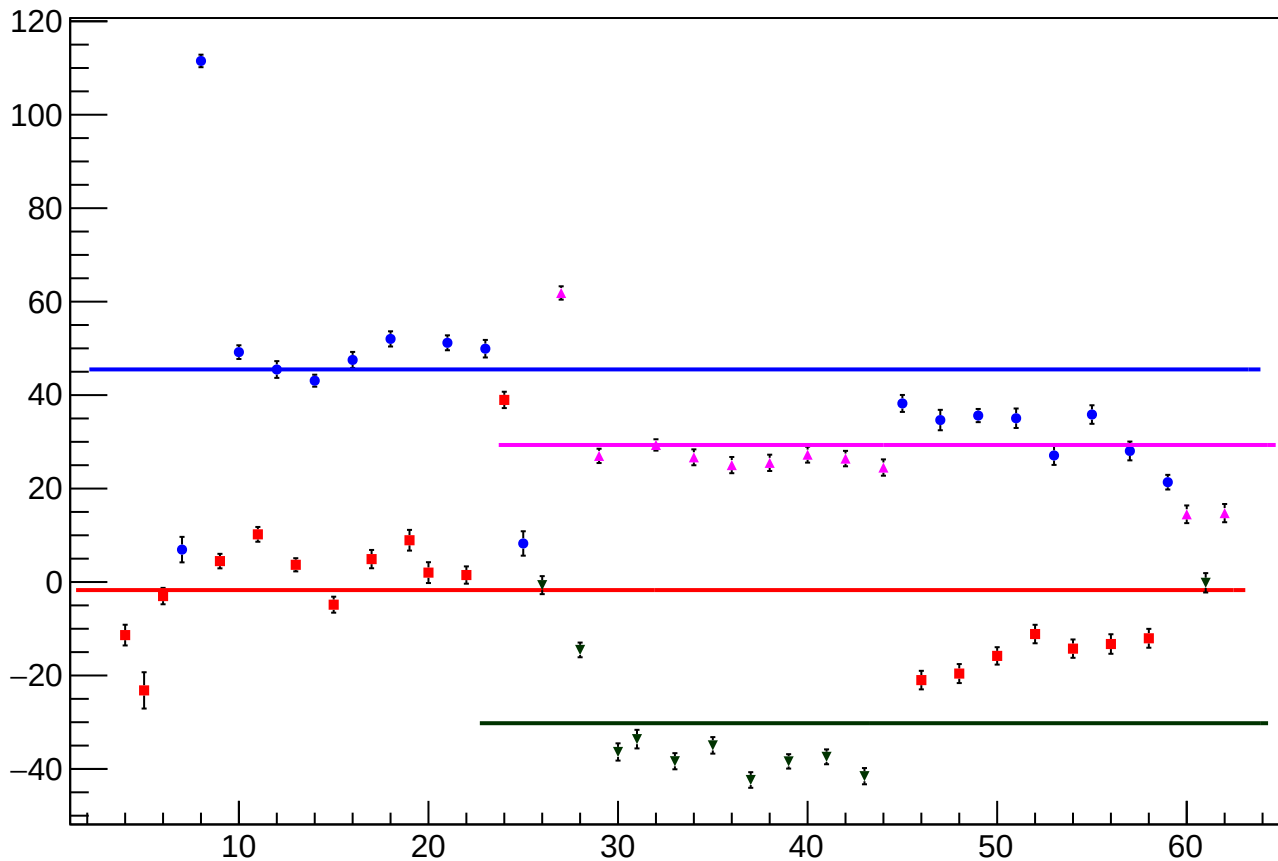
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1056.866+/-0.291 χ^2/NDF : 123558.2/10

1032.393+/-0.179 χ^2/NDF : 935383.8/28

1034.742+/-0.181 χ^2/NDF : 738048.0/29

diff_bpm2i01Y_mean vs slug



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

Left Out: -30.212+/-0.526 χ^2/NDF : 731.9/10

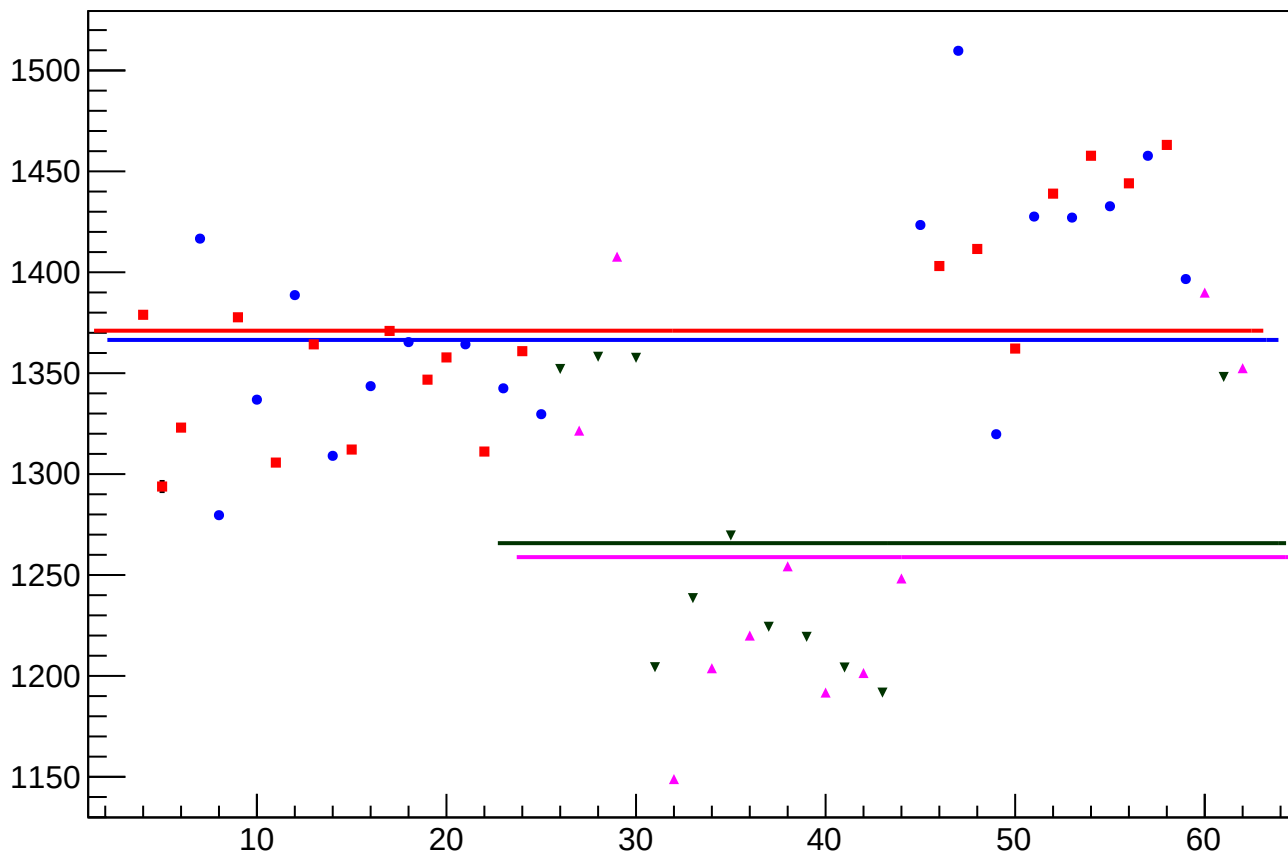
Right Out: -1.724+/-0.434 χ^2/NDF : 1071.7/18

Left In: 29.328+/-0.489 χ^2/NDF : 663.3/10

17.079+/-0.322 χ^2/NDF : 17061.6/28

11.954+/-0.325 χ^2/NDF : 3990.6/29

diff_bpm2i01Y_rms vs slug



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

Left Out: 1265.776+/-0.372 χ^2/NDF : 31092.5/10

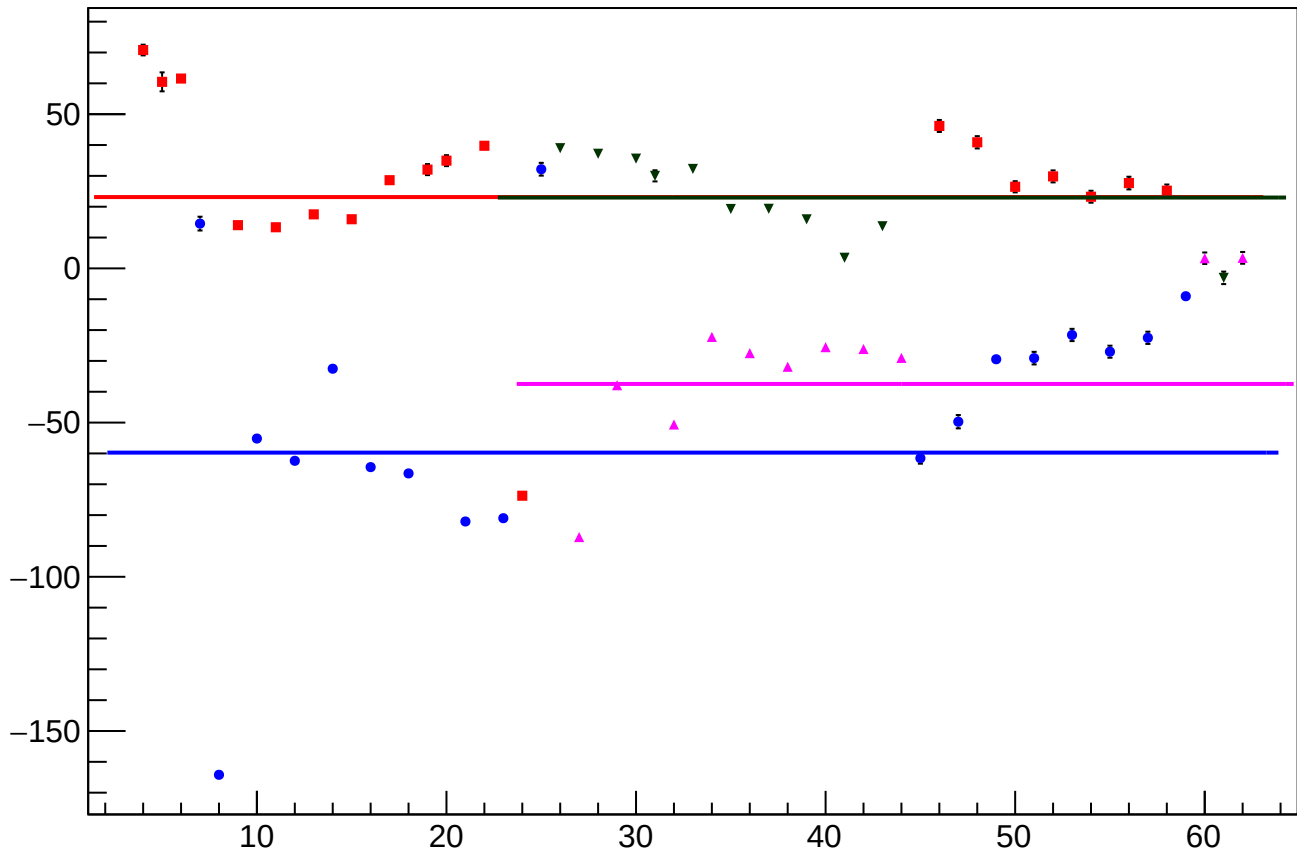
Right Out: 1371.055+/-0.307 χ^2/NDF : 24860.5/18

Left In: 1258.856+/-0.346 χ^2/NDF : 62090.8/10

1328.677+/-0.228 χ^2/NDF : 115466.5/28

1321.632+/-0.230 χ^2/NDF : 145848.6/29

diff_bpm2i02X_mean vs slug



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

Left Out: 22.975 ± 0.461 $\chi^2/\text{NDF}: 782.7/10$

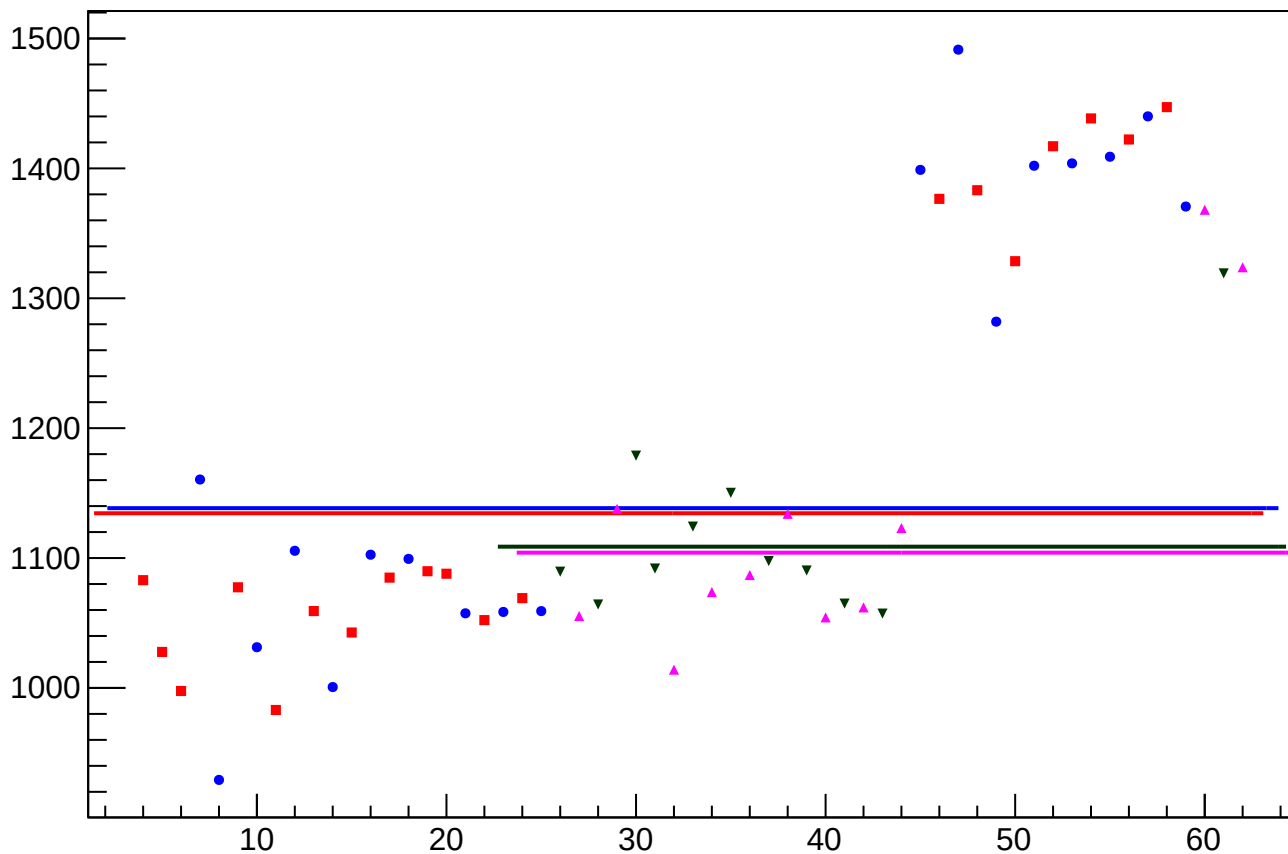
-30.263 ± 0.275 $\chi^2/\text{NDF}: 40248.9/28$

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

-2.007 ± 0.277 $\chi^2/\text{NDF}: 22277.3/29$

Left In: -37.470 ± 0.430 $\chi^2/\text{NDF}: 3287.7/10$

diff_bpm2i02X_rms vs slug



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

Left Out: 1108.754 $\pm$ 0.326 χ^2 /NDF:34589.0/10

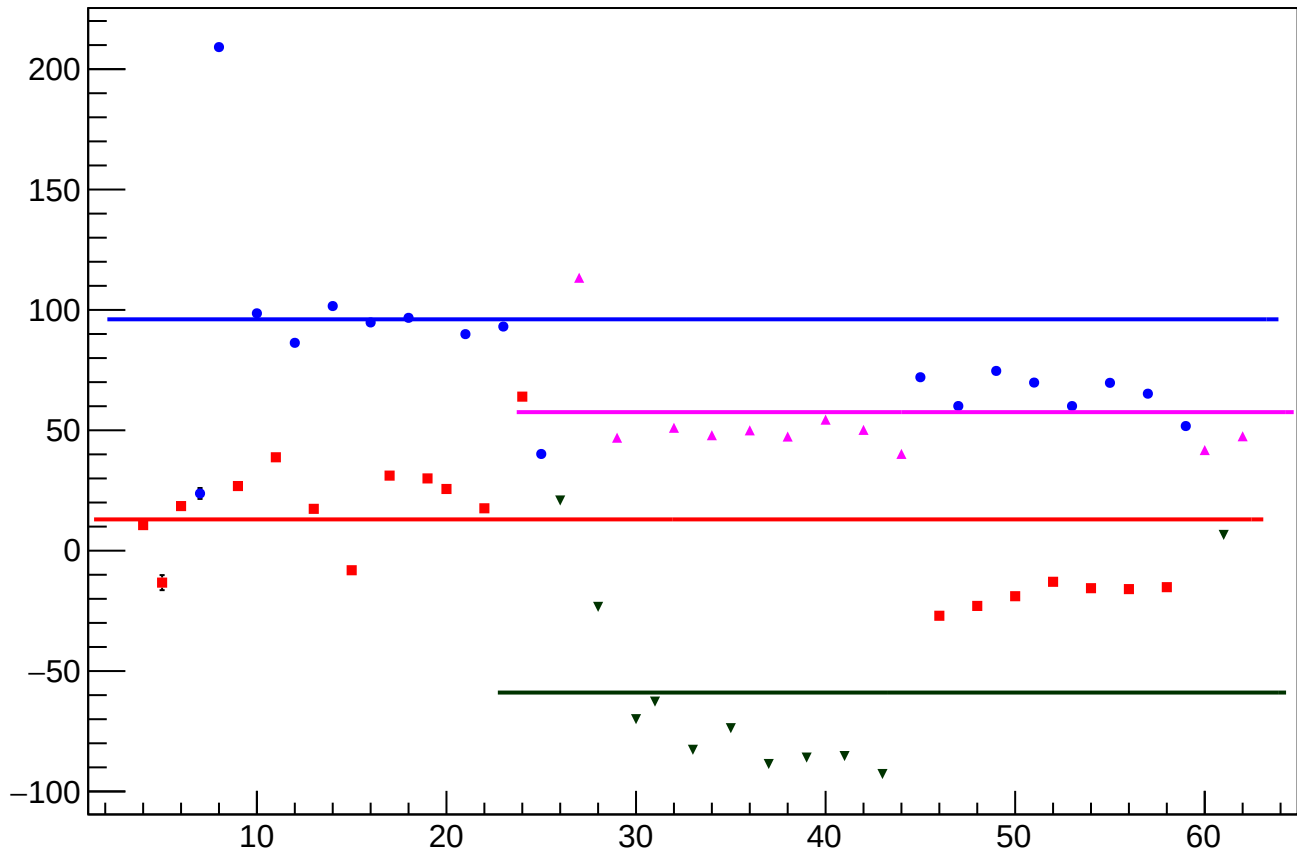
Right Out: 1134.479 $\pm$ 0.256 χ^2 /NDF: 360721.2/18

Left In: 1104.159 $\pm$ 0.304 χ^2 /NDF:91692.8/10

1127.843 $\pm$ 0.195 χ^2 /NDF: 527988.2/28

1121.903 $\pm$ 0.196 χ^2 /NDF: 458239.5/29

diff_bpm2i02Y_mean vs slug



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

Left Out: -58.928 $\pm$ 0.464 χ^2 /NDF: 6541.9/10

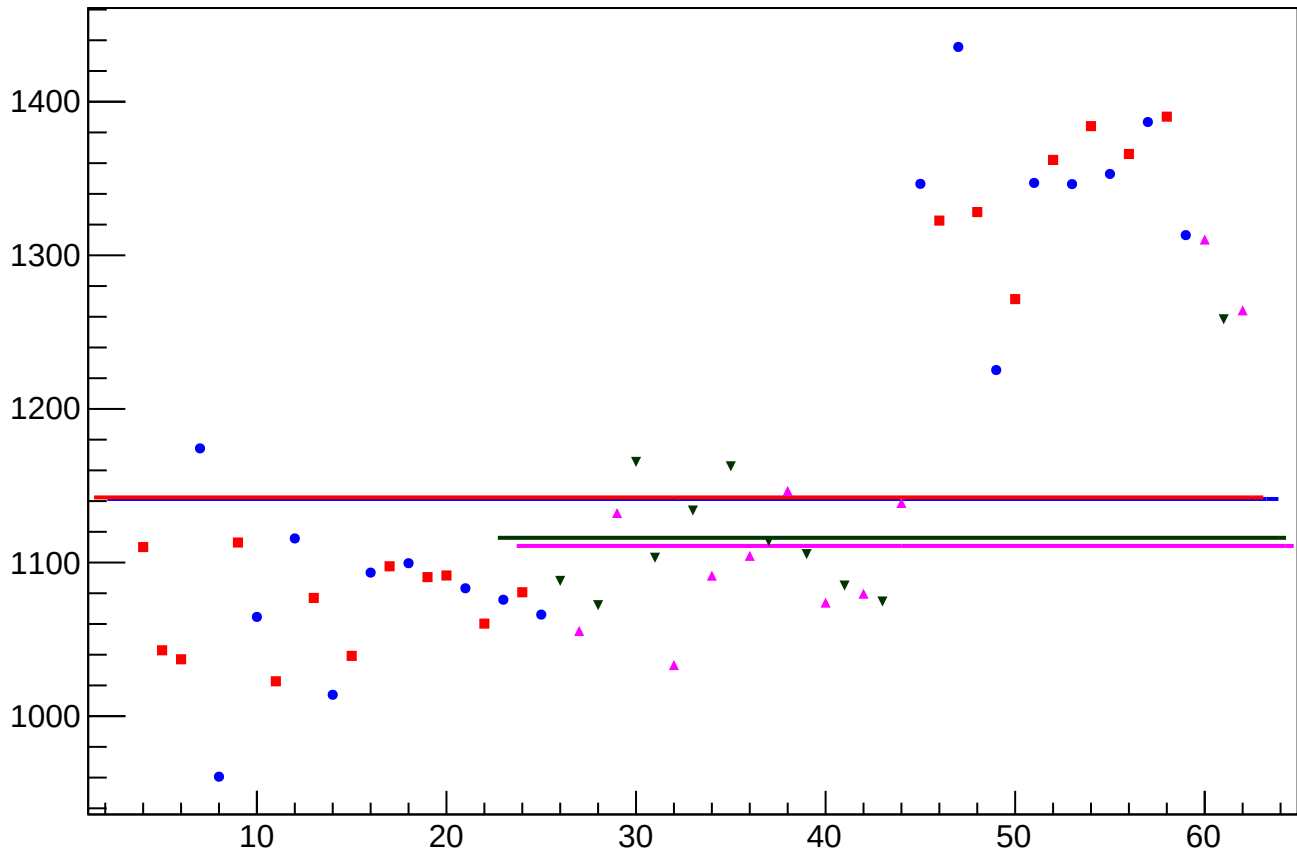
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 57.542 $\pm$ 0.432 χ^2 /NDF: 2861.7/10

41.320 $\pm$ 0.276 χ^2 /NDF: 95886.3/28

31.460 $\pm$ 0.278 χ^2 /NDF: 13638.1/29

diff_bpm2i02Y_rms vs slug



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

Left Out: 1116.100+/-0.328 χ^2/NDF : 20352.0/10

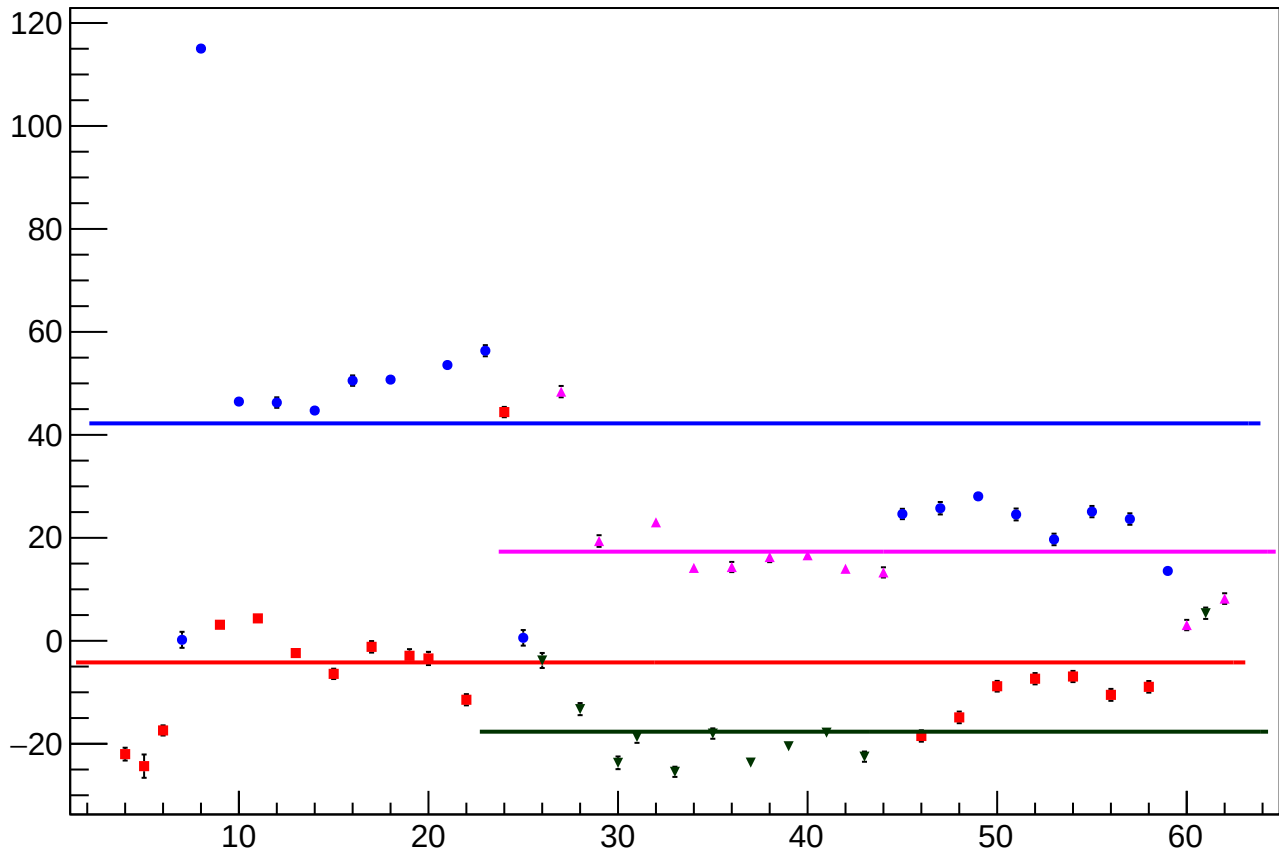
1132.447+/-0.195 χ^2/NDF : 353499.6/28

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

1129.292+/-0.197 χ^2/NDF : 300925.0/29

Left In: 1110.795+/-0.305 χ^2/NDF : 58440.7/10

diff_bpm1i04X_mean vs slug



Right In: 42.233 $\pm$ 0.231 χ^2 /NDF: 14293.4/17

Left Out: -17.650 $\pm$ 0.315 χ^2 /NDF: 698.7/10

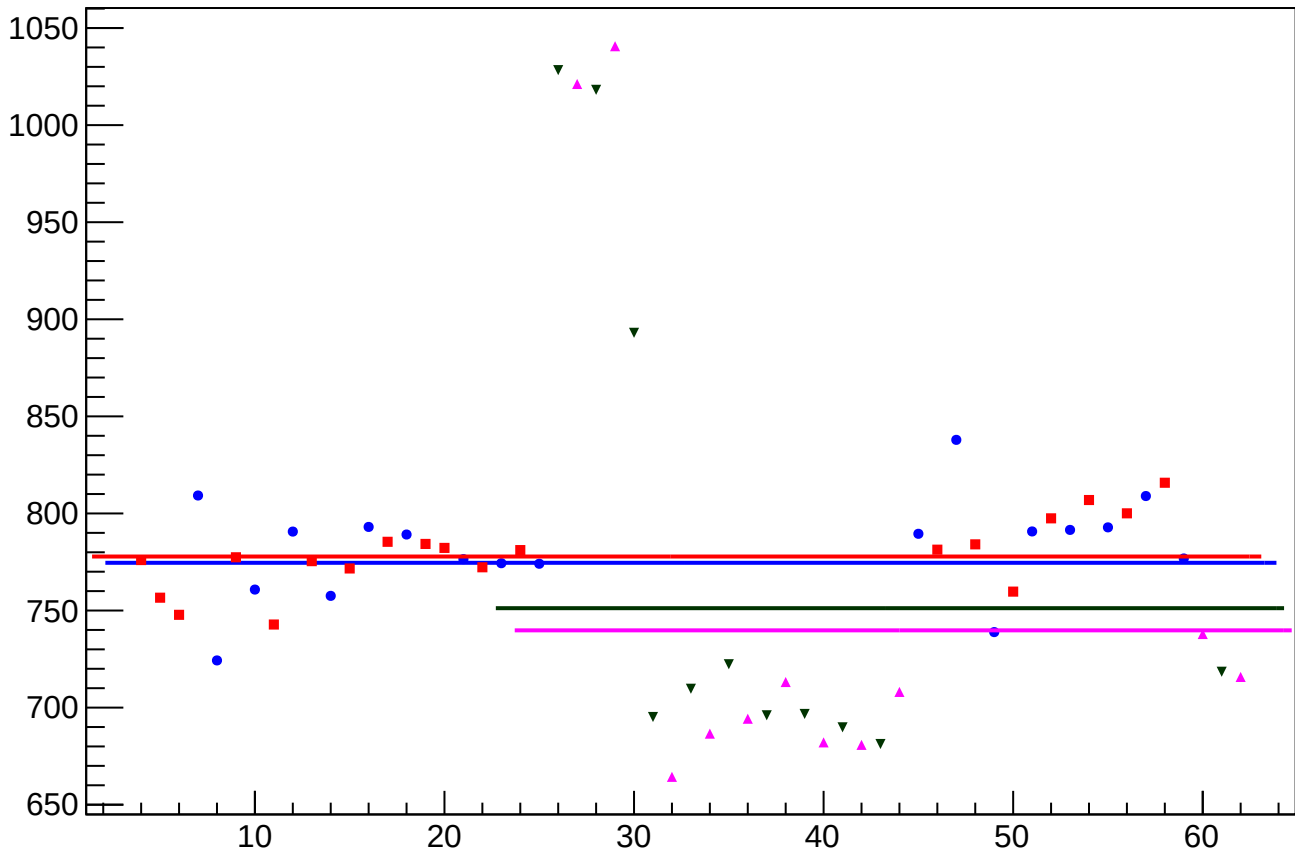
Right Out: -4.198 $\pm$ 0.246 χ^2 /NDF: 3378.3/18

Left In: 17.317 $\pm$ 0.290 χ^2 /NDF: 1194.2/10

21.347 $\pm$ 0.186 χ^2 /NDF: 38453.0/28

4.790 $\pm$ 0.188 χ^2 /NDF: 7773.7/29

diff_bpm1i04X_rms vs slug



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

Left Out: 751.209 $\pm$ 0.223 χ^2 /NDF: 246409.9/10

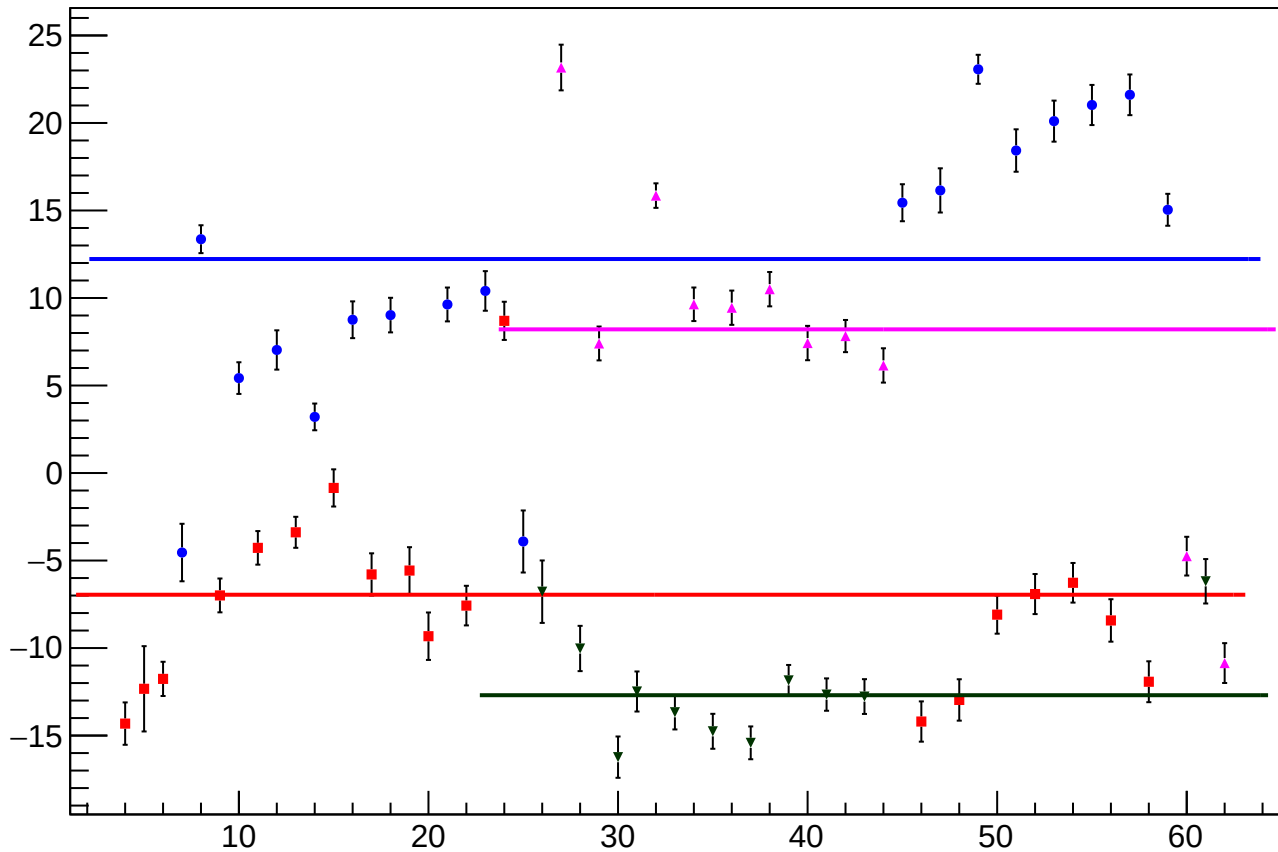
Right Out: 777.816 $\pm$ 0.174 χ^2 /NDF: 11180.5/18

Left In: 739.791 $\pm$ 0.205 χ^2 /NDF: 325238.9/10

766.430 $\pm$ 0.132 χ^2 /NDF: 279919.3/28

761.932 $\pm$ 0.133 χ^2 /NDF: 356418.9/29

diff_bpm1i04Y_mean vs slug



Right In: 12.227 ± 0.244 $\chi^2/\text{NDF}: 832.9/17$

Left Out: -12.694 ± 0.322 $\chi^2/\text{NDF}: 65.2/10$

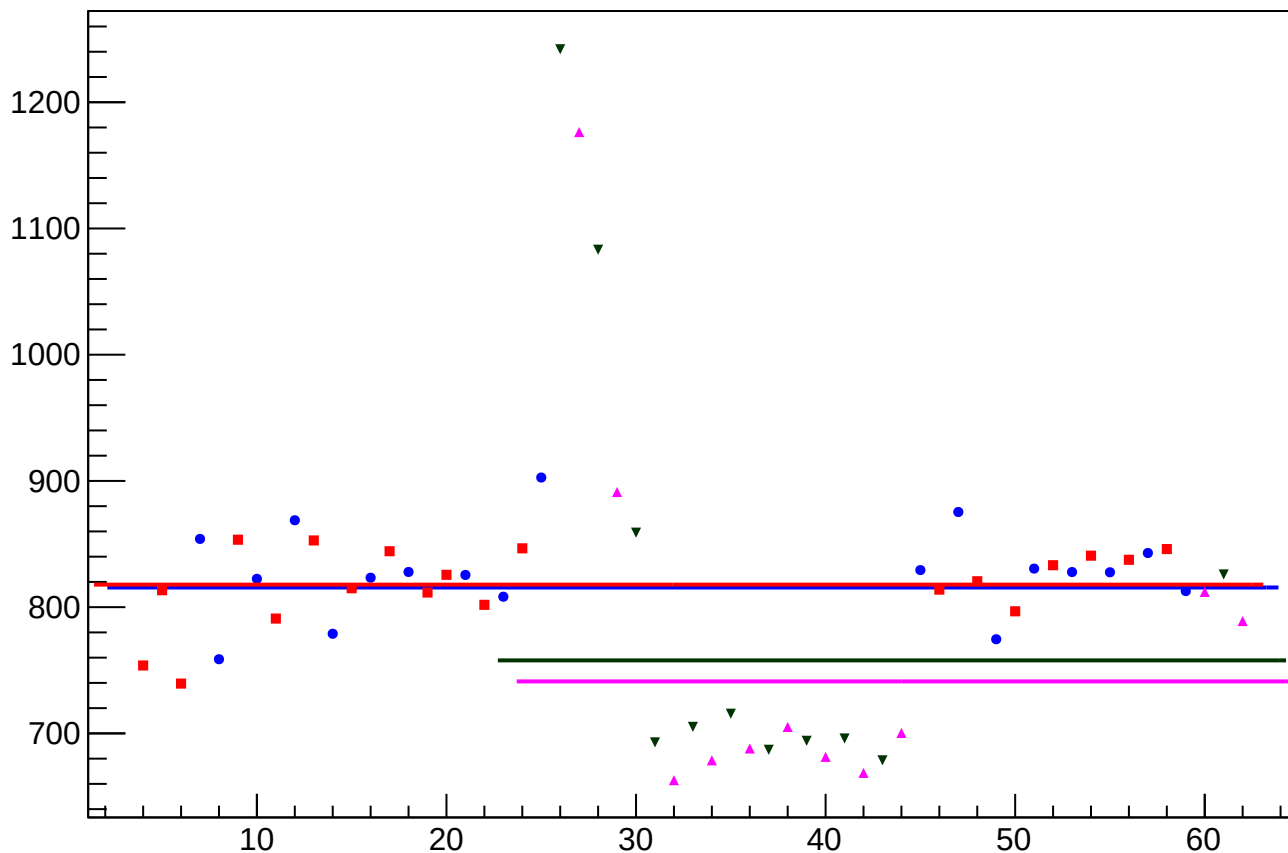
Right Out: -6.954 ± 0.259 $\chi^2/\text{NDF}: 420.8/18$

Left In: 8.208 ± 0.292 $\chi^2/\text{NDF}: 683.4/10$

3.151 ± 0.194 $\chi^2/\text{NDF}: 4712.7/28$

-0.281 ± 0.194 $\chi^2/\text{NDF}: 2611.8/29$

diff_bpm1i04Y_rms vs slug



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

Left Out: 757.837+/-0.228 χ^2/NDF : 353607.0/10

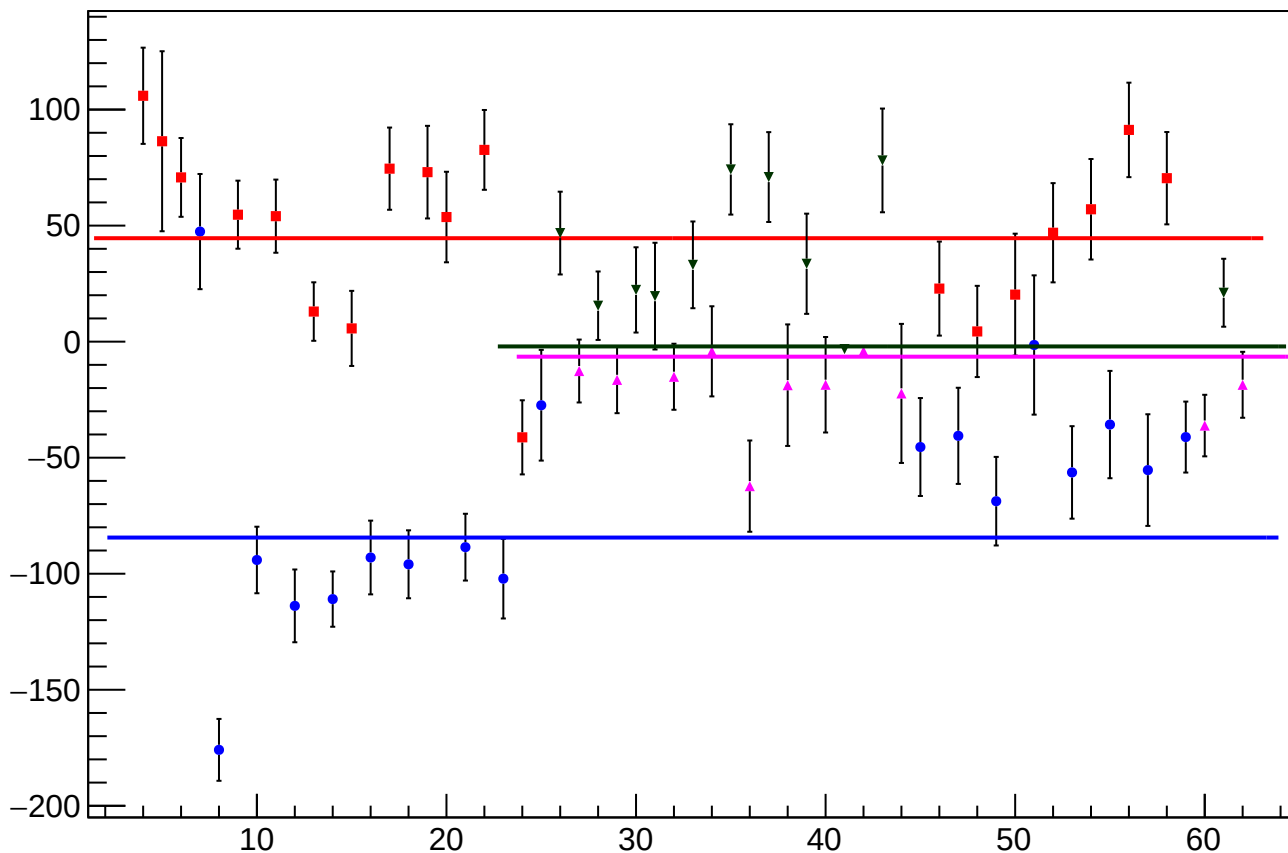
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

Left In: 741.181+/-0.207 χ^2/NDF : 347490.4/10

794.547+/-0.137 χ^2/NDF : 432202.6/28

784.100+/-0.137 χ^2/NDF : 456983.1/29

diff_bpm0l02X_mean vs slug



Right In: -84.415 ± 4.060 $\chi^2/\text{NDF}: 124.1/17$

Left Out: -2.063 ± 0.970 $\chi^2/\text{NDF}: 64.1/10$

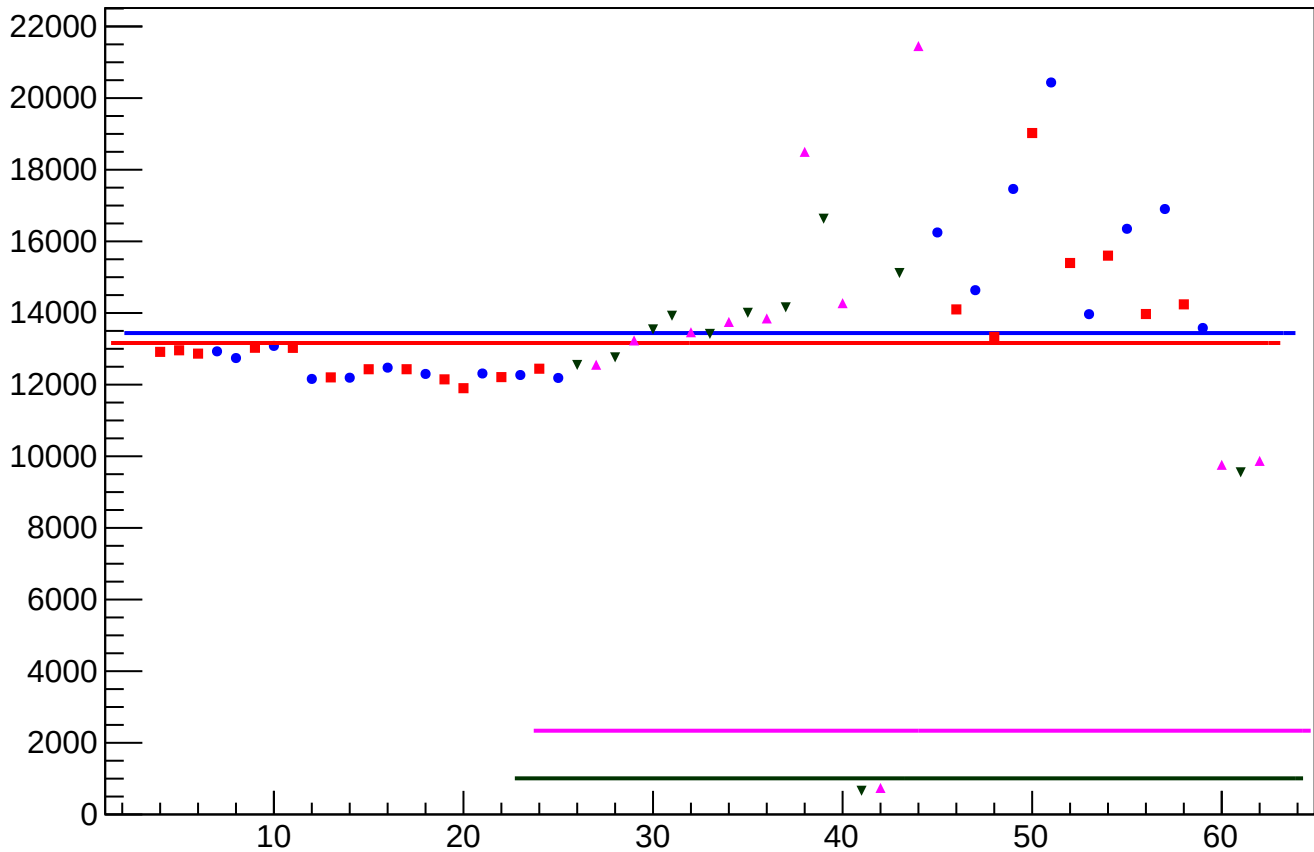
Right Out: 44.573 ± 4.203 $\chi^2/\text{NDF}: 77.6/18$

Left In: -6.476 ± 1.919 $\chi^2/\text{NDF}: 17.0/10$

-6.508 ± 0.943 $\chi^2/\text{NDF}: 577.5/28$

2.334 ± 1.746 $\chi^2/\text{NDF}: 216.7/29$

diff_bpm0l02X_rms vs slug



Right In: 13440.177 $\pm$ 2.871 χ^2 /NDF: 403912.7/17

Left Out: 1008.227 $\pm$ 0.686 χ^2 /NDF: 9140834.2/10

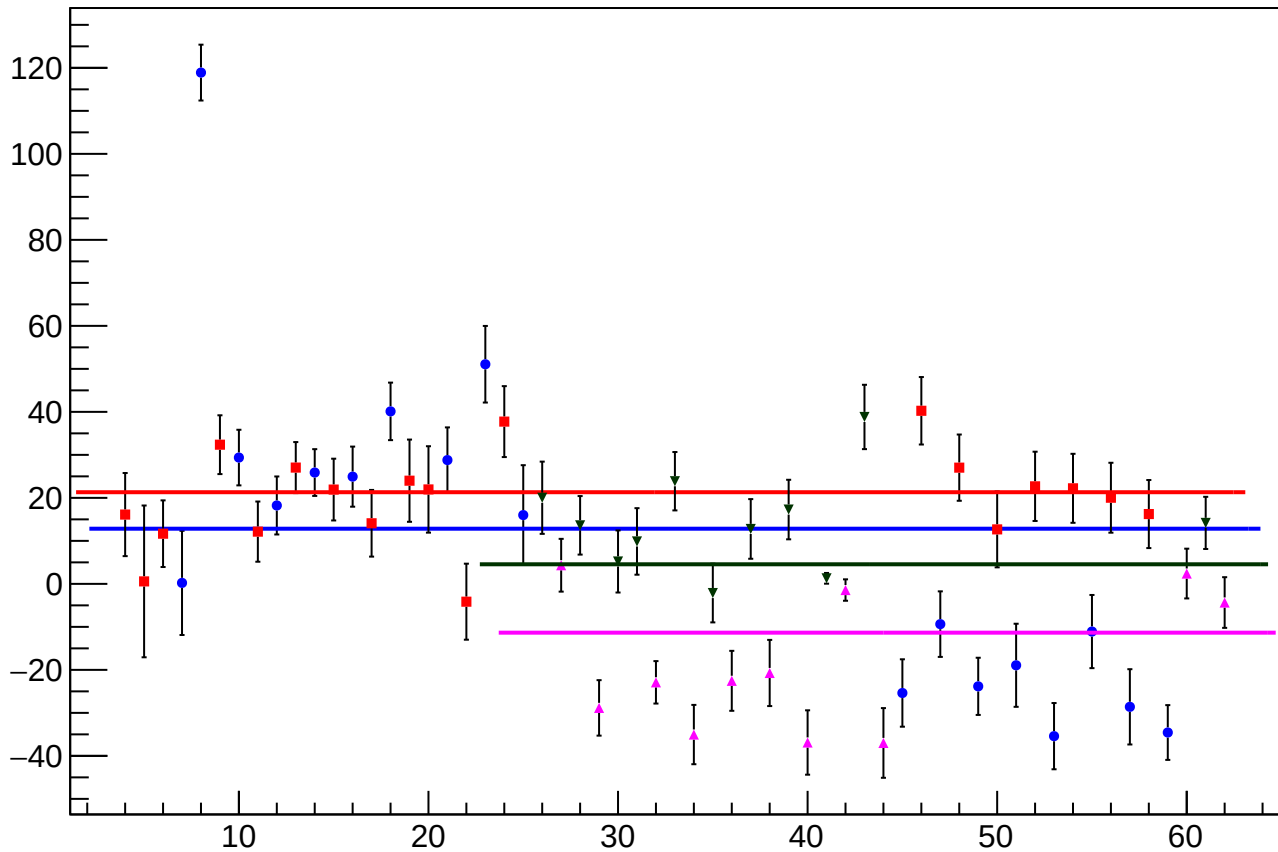
Right Out: 13162.769 $\pm$ 2.972 χ^2 /NDF: 204436.9/18

Left In: 2338.115 $\pm$ 1.357 χ^2 /NDF: 9527707.7/10

1679.131 $\pm$ 0.667 χ^2 /NDF: 27285862.7/28

4206.212 $\pm$ 1.235 χ^2 /NDF: 20710752.9/29

diff_bpm0l02Y_mean vs slug



Right In: 12.827 $\pm$ 1.752 χ^2 /NDF: 521.8/17

Left Out: 4.554 $\pm$ 1.087 χ^2 /NDF: 49.8/10

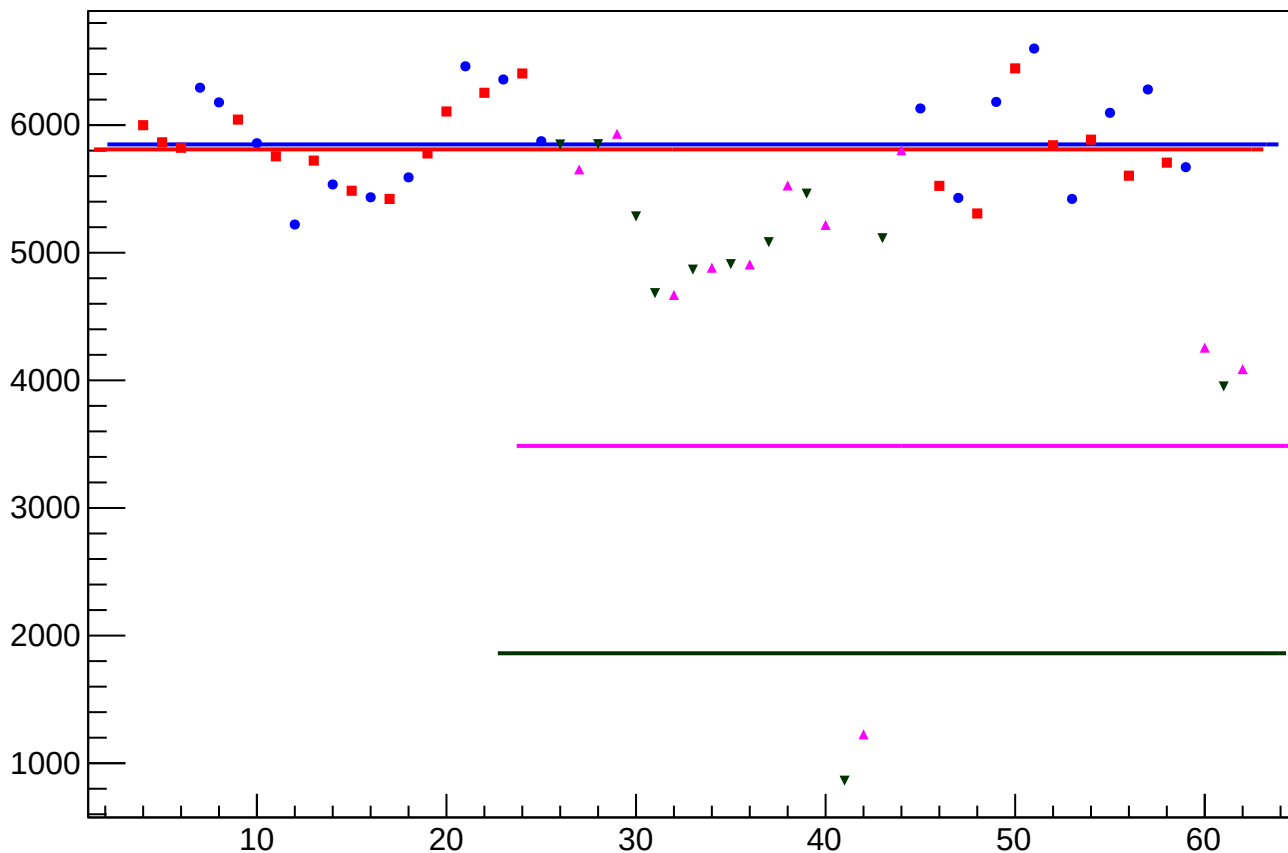
Right Out: 21.314 $\pm$ 1.847 χ^2 /NDF: 29.5/18

Left In: -11.348 $\pm$ 1.575 χ^2 /NDF: 79.8/10

6.854 $\pm$ 0.924 χ^2 /NDF: 587.7/28

2.403 $\pm$ 1.198 χ^2 /NDF: 290.4/29

diff_bpm0l02Y_rms vs slug



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

Left Out: 1861.454+/-0.769 χ^2/NDF : 5516910.3/10

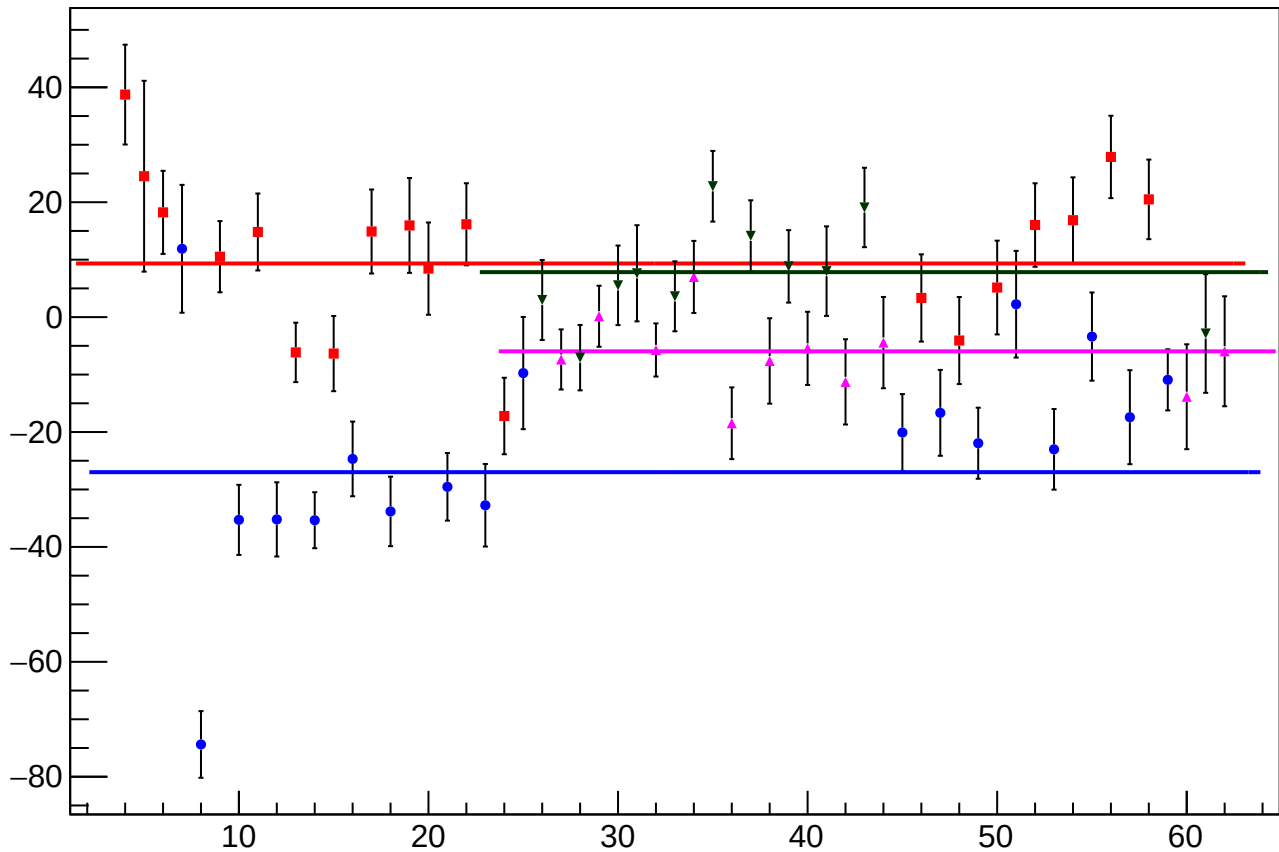
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3486.248+/-1.114 χ^2/NDF : 2931924.4/10

2969.909+/-0.653 χ^2/NDF : 13093761.1/28

4464.466+/-0.847 χ^2/NDF : 4817837.8/29

diff_bpm0l03X_mean vs slug



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

Left Out: 7.830 ± 2.050 $\chi^2/\text{NDF}: 18.6/10$

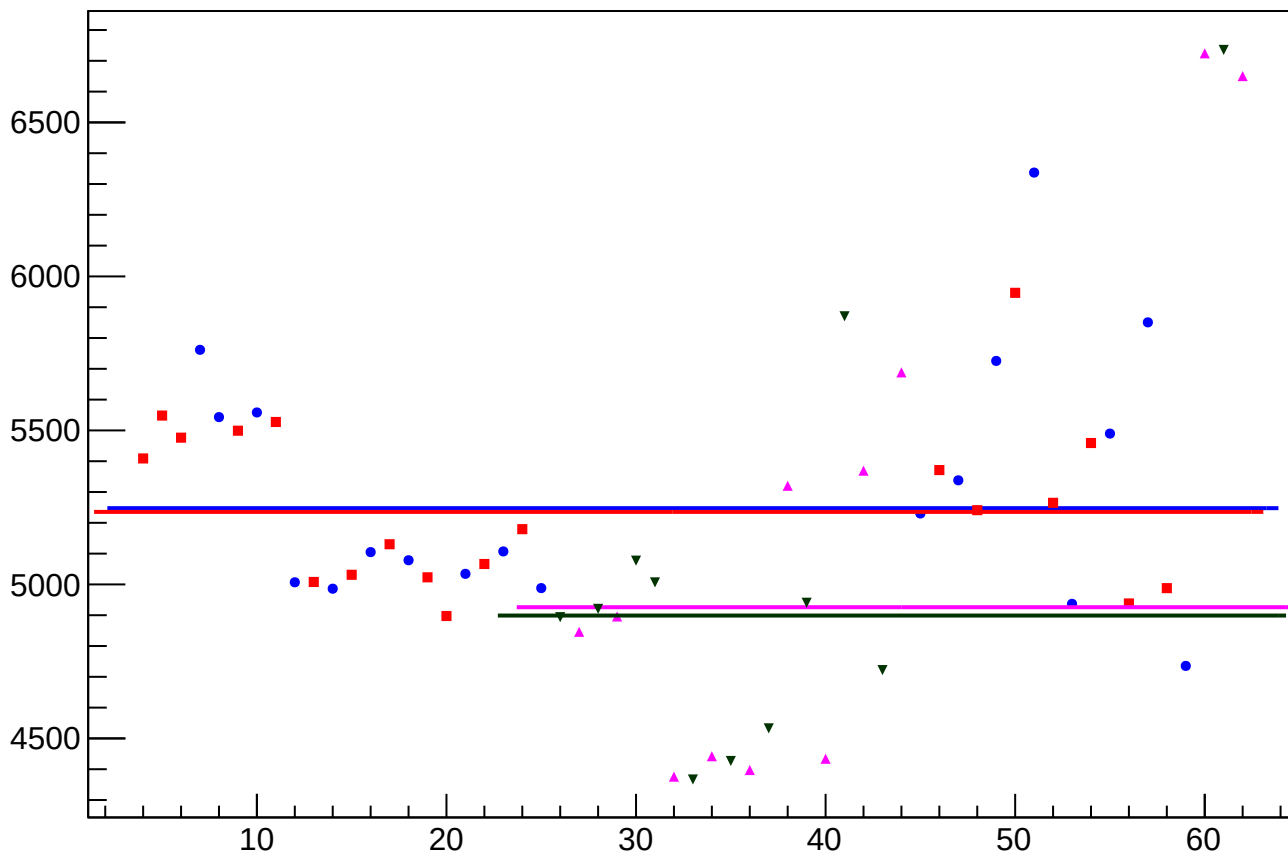
Right Out: 9.337 ± 1.659 $\chi^2/\text{NDF}: 62.4/18$

Left In: -5.958 ± 1.926 $\chi^2/\text{NDF}: 11.0/10$

-14.121 ± 1.246 $\chi^2/\text{NDF}: 325.0/28$

2.822 ± 1.257 $\chi^2/\text{NDF}: 109.7/29$

diff_bpm0l03X_rms vs slug



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

Left Out: 4898.943+/-1.449 χ^2/NDF :131524.8/10

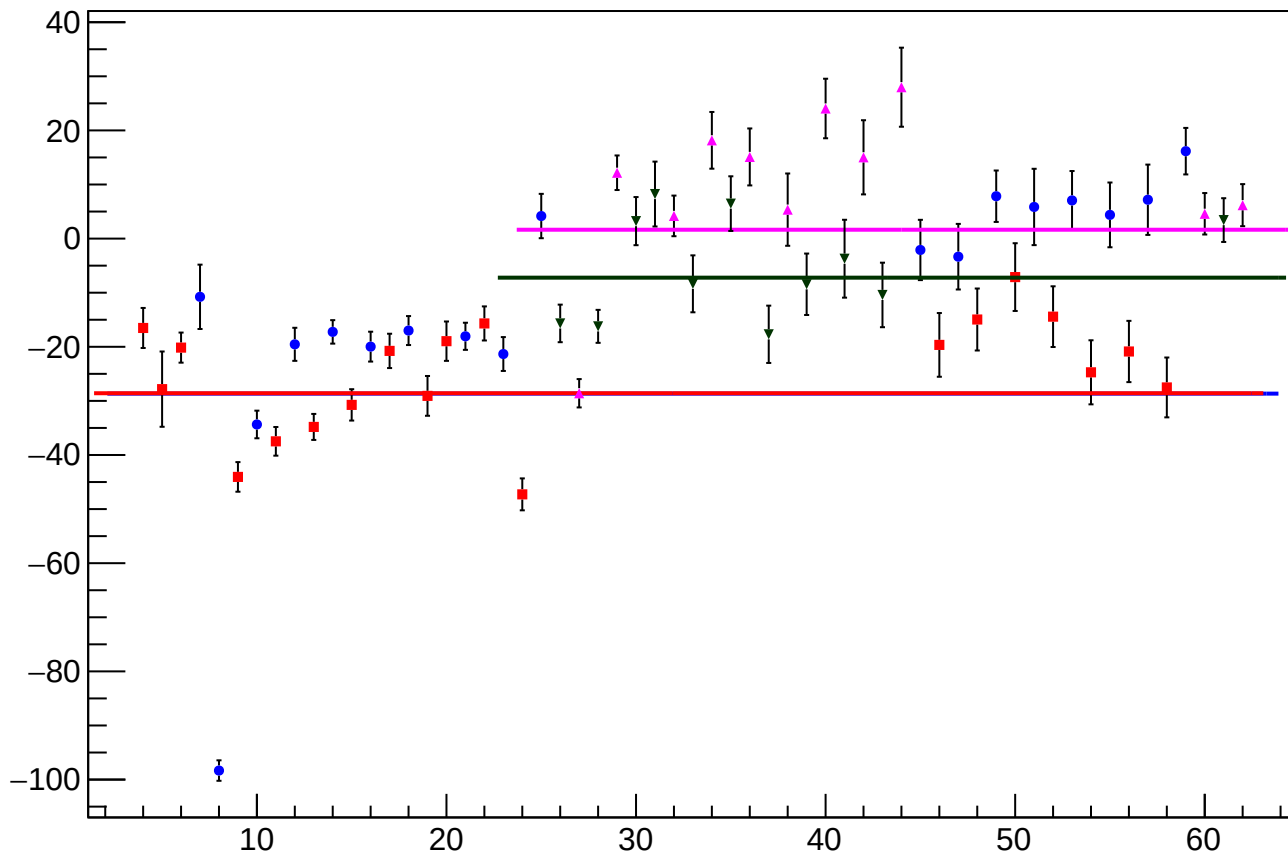
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 4925.948+/-1.362 χ^2/NDF :240666.8/10

5118.730+/-0.881 χ^2/NDF : 273626.8/28

5103.620+/-0.889 χ^2/NDF : 317469.6/29

diff_bpm0l03Y_mean vs slug



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

Left Out: -7.221 $\pm$ 1.387 χ^2 /NDF: 45.6/10

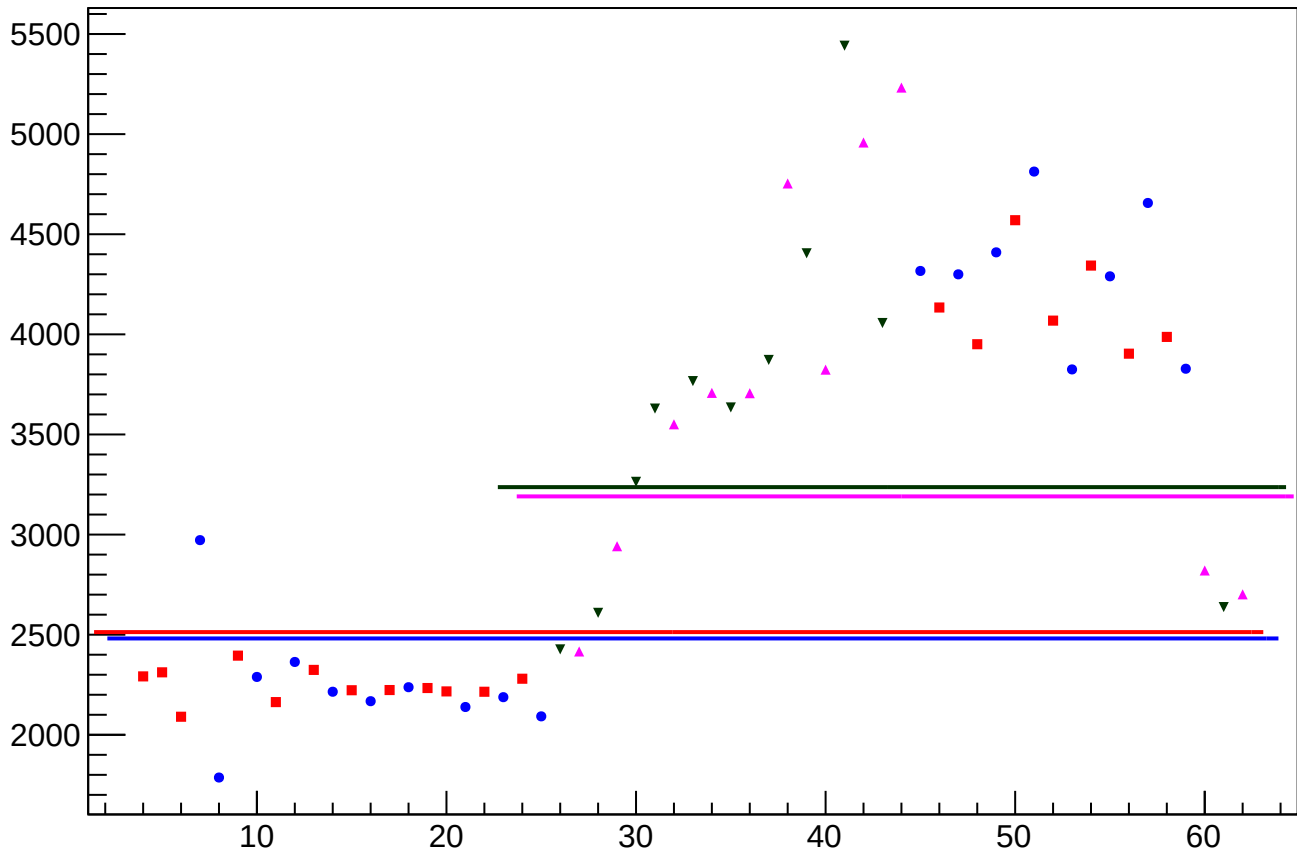
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 1.640 $\pm$ 1.273 χ^2 /NDF: 196.5/10

-23.489 $\pm$ 0.681 χ^2 /NDF: 2084.3/28

-19.627 $\pm$ 0.693 χ^2 /NDF: 761.6/29

diff_bpm0l03Y_rms vs slug



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

Left Out: 3236.955+/-0.981 χ^2/NDF :617812.9/10

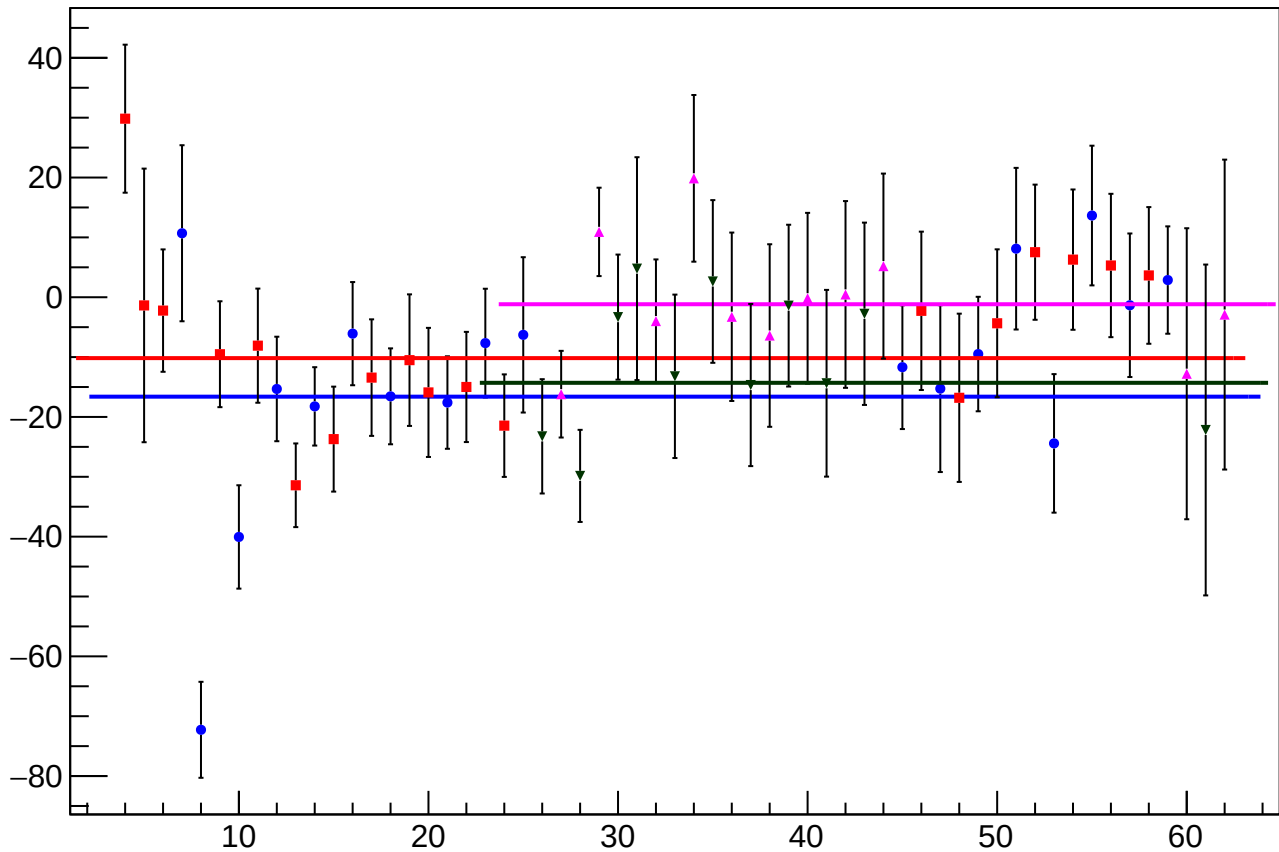
2663.410+/-0.482 χ^2/NDF : 3180514.3/28

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

2713.778+/-0.490 χ^2/NDF : 2416320.3/29

Left In: 3190.658+/-0.900 χ^2/NDF :719122.5/10

diff_bpm0l04X_mean vs slug



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

Left Out: -14.298 ± 3.744 χ^2/NDF : 10.2/10

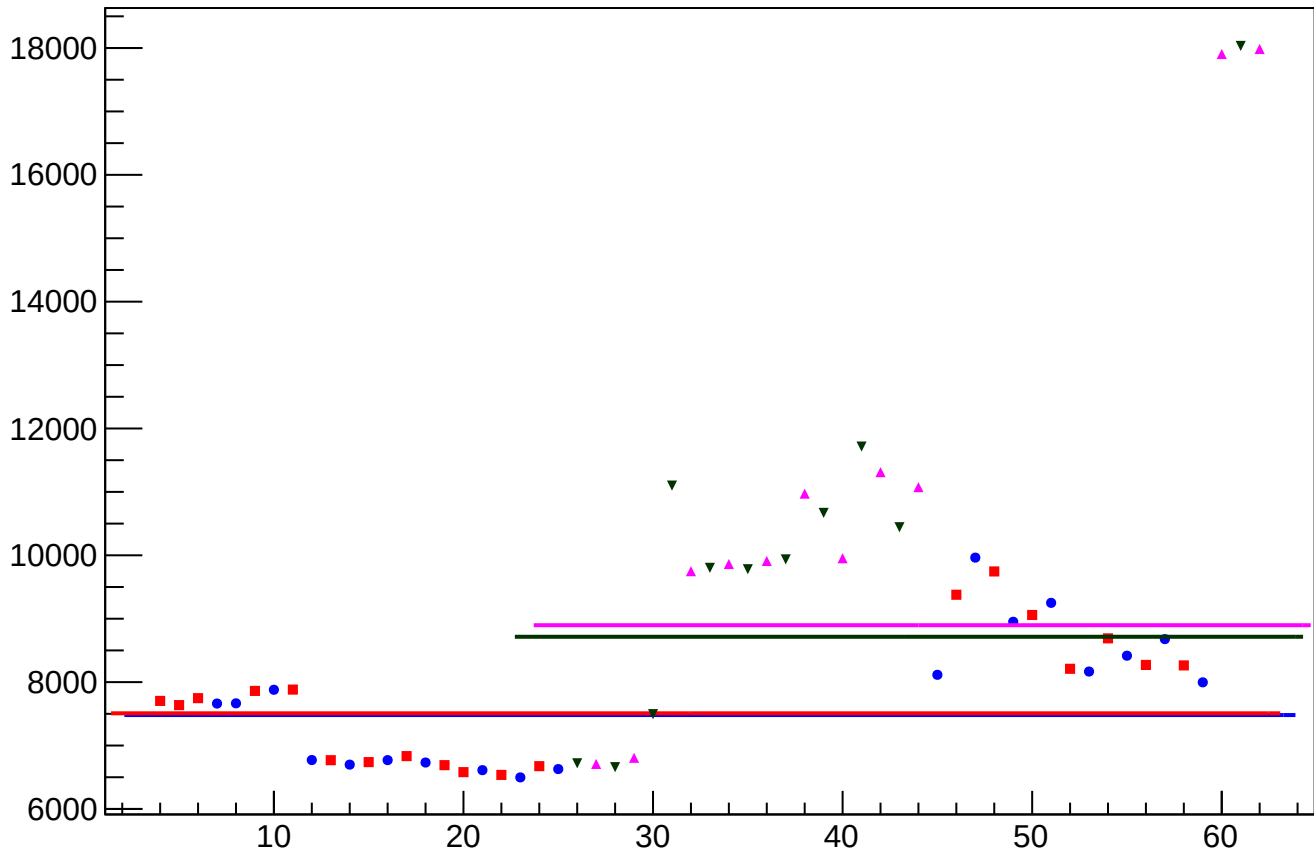
Right Out: -10.172 ± 2.389 χ^2/NDF : 33.7/18

Left In: -1.169 ± 3.587 χ^2/NDF : 9.9/10

-16.001 ± 1.923 χ^2/NDF : 90.4/28

-7.405 ± 1.988 χ^2/NDF : 47.9/29

diff_bpm0l04X_rms vs slug



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

Left Out: 8715.256+/-2.648 χ^2/NDF : 700255.3/10

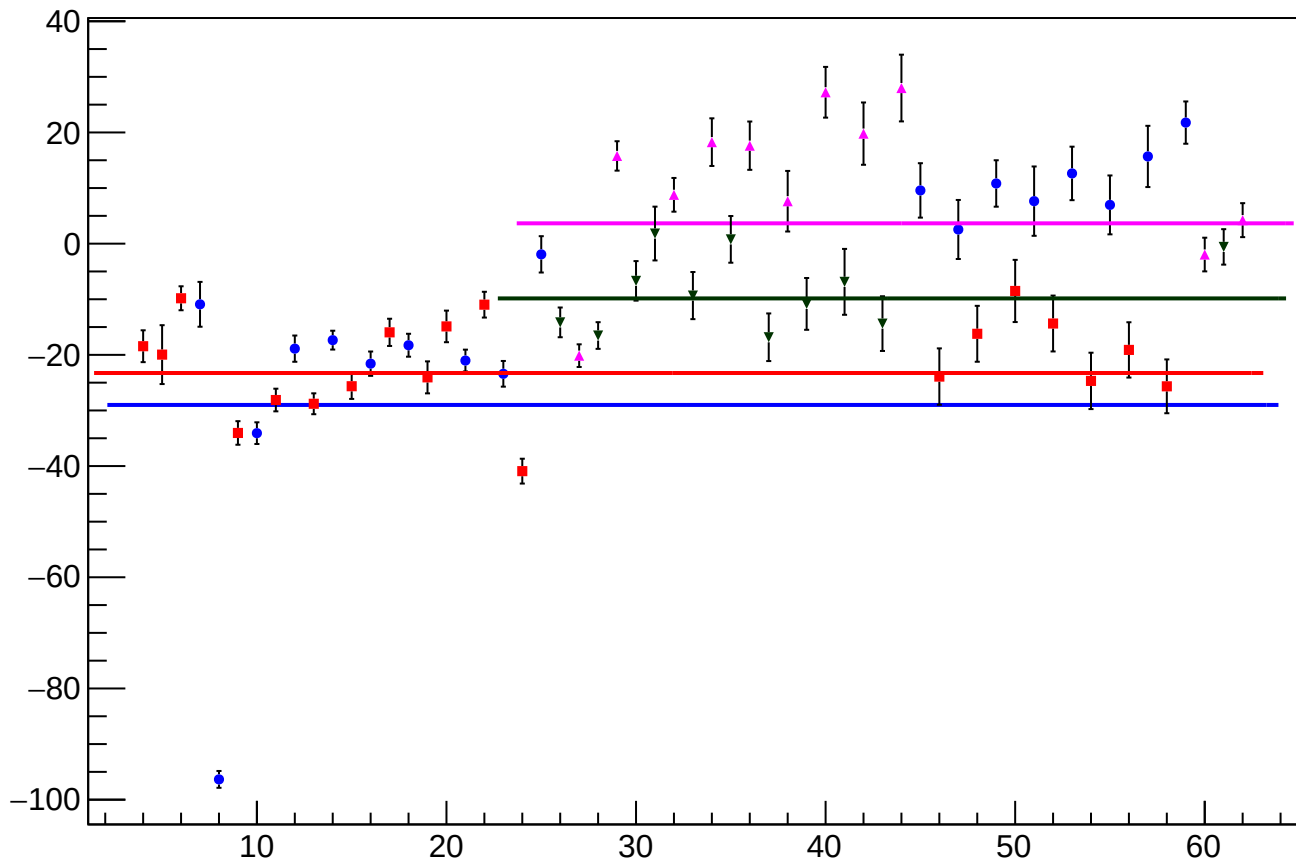
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 8897.350+/-2.536 χ^2/NDF : 1033192.6/10

7806.473+/-1.360 χ^2/NDF : 1195168.2/28

7935.169+/-1.406 χ^2/NDF : 1530462.0/29

diff_bpm0l04Y_mean vs slug



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

Left Out: -9.849 ± 1.107 χ^2/NDF : 35.6/10

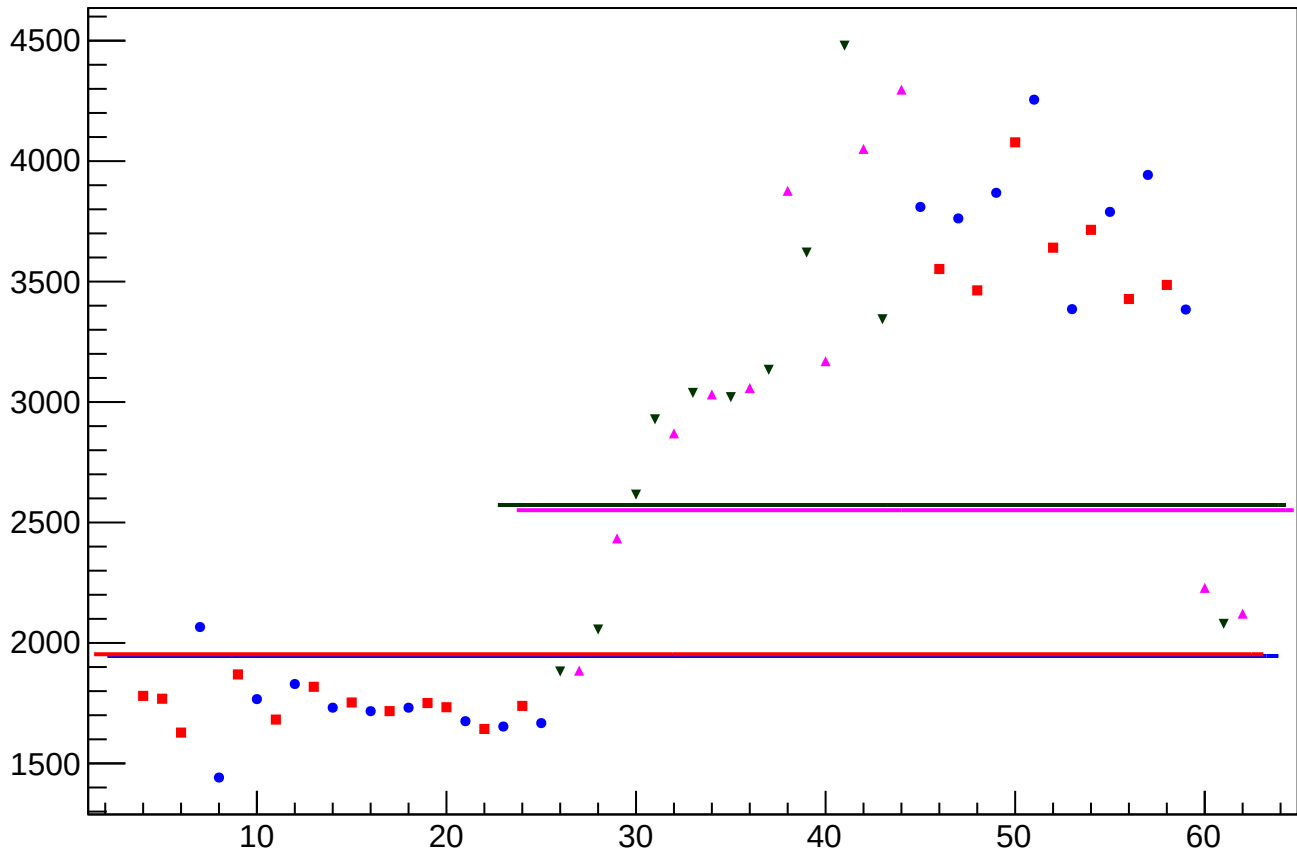
Right Out: -23.263 ± 0.648 χ^2/NDF : 204.8/18

Left In: 3.656 ± 1.022 χ^2/NDF : 237.6/10

-24.449 ± 0.540 χ^2/NDF : 3056.0/28

-15.544 ± 0.547 χ^2/NDF : 937.4/29

diff_bpm0l04Y_rms vs slug



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

Left Out: 2572.631+/-0.782 χ^2/NDF : 723942.9/10

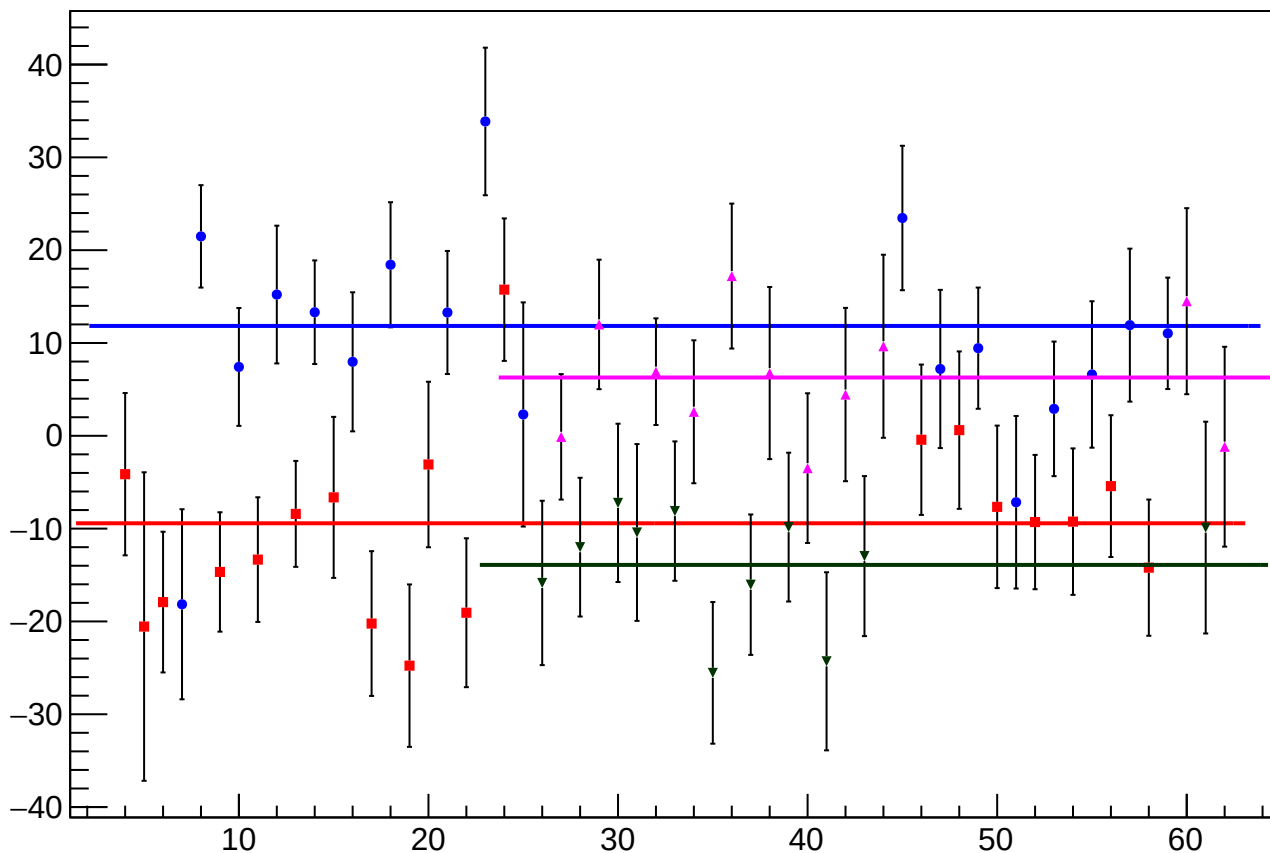
2094.996+/-0.382 χ^2/NDF : 3812390.4/28

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

2124.630+/-0.387 χ^2/NDF : 3036384.4/29

Left In: 2551.142+/-0.723 χ^2/NDF : 822062.5/10

diff_bpm0l05X_mean vs slug



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

Left Out: -13.910 $\pm$ 2.537 χ^2 /NDF: 5.4/10

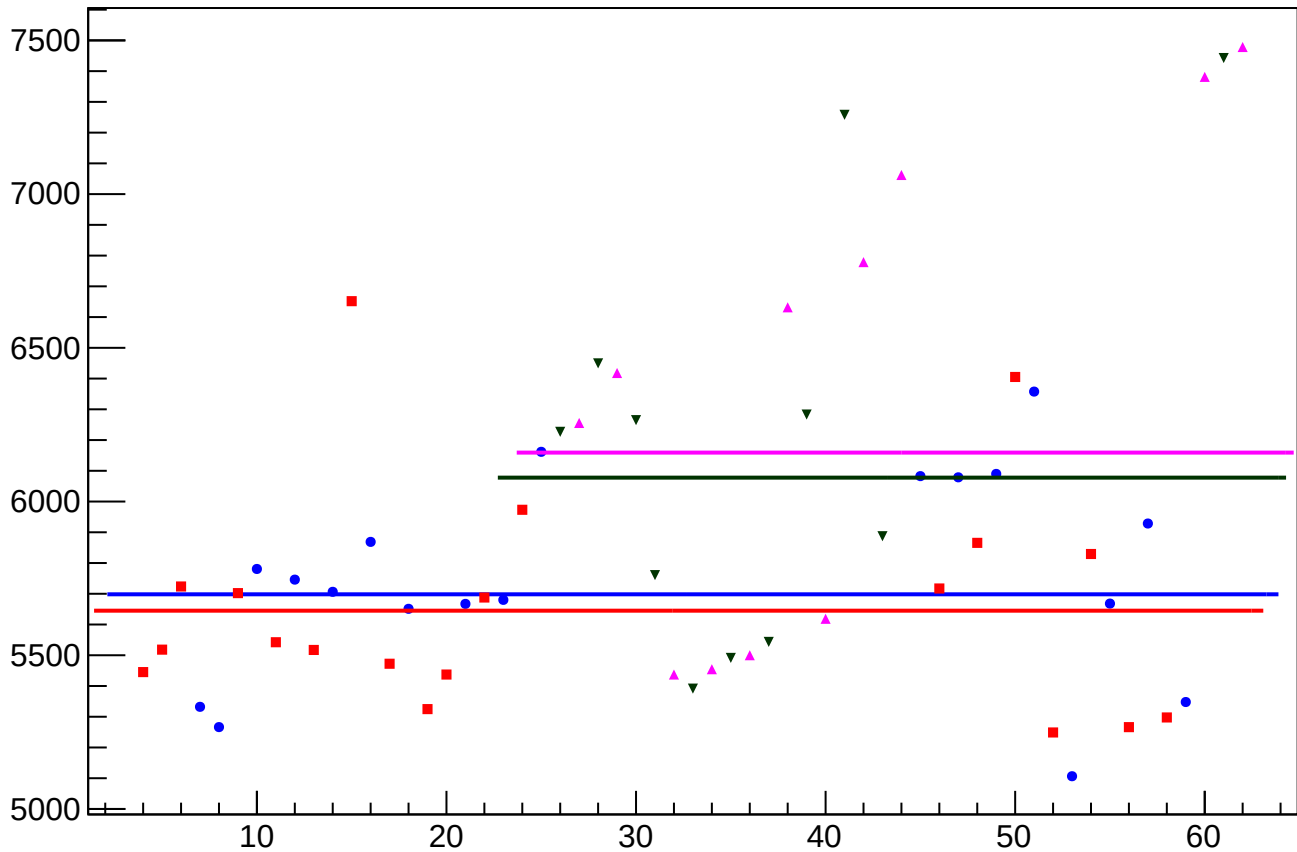
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: 6.281 $\pm$ 2.402 χ^2 /NDF: 6.5/10

3.851 $\pm$ 1.413 χ^2 /NDF: 107.3/28

-3.817 $\pm$ 1.435 χ^2 /NDF: 58.3/29

diff_bpm0l05X_rms vs slug



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

Left Out: 6077.751+/-1.794 χ^2/NDF :108367.5/10

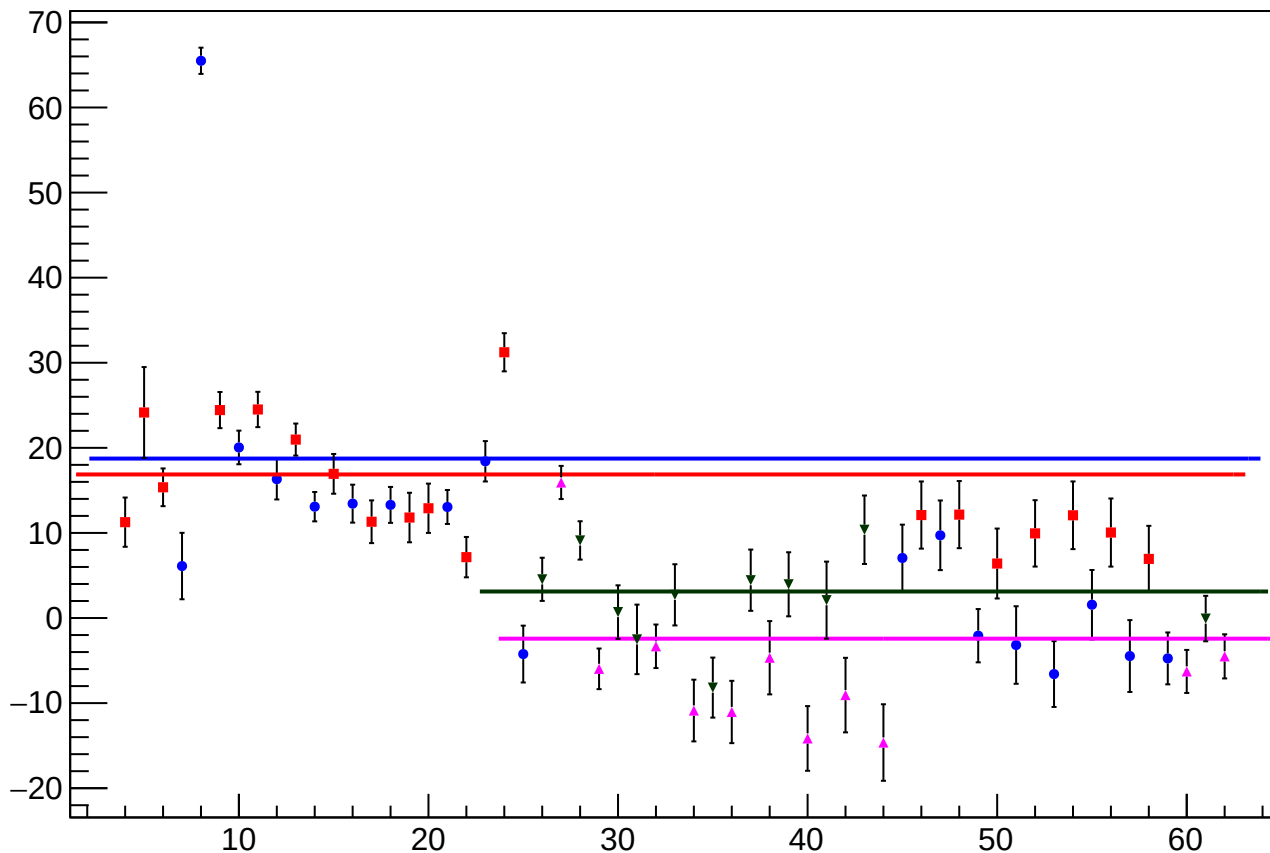
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6159.194+/-1.698 χ^2/NDF :165248.5/10

5815.962+/-0.999 χ^2/NDF : 206458.3/28

5828.591+/-1.015 χ^2/NDF : 295651.6/29

diff_bpm0l05Y_mean vs slug



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

Left Out: 3.117 ± 0.967 χ^2/NDF : 25.1/10

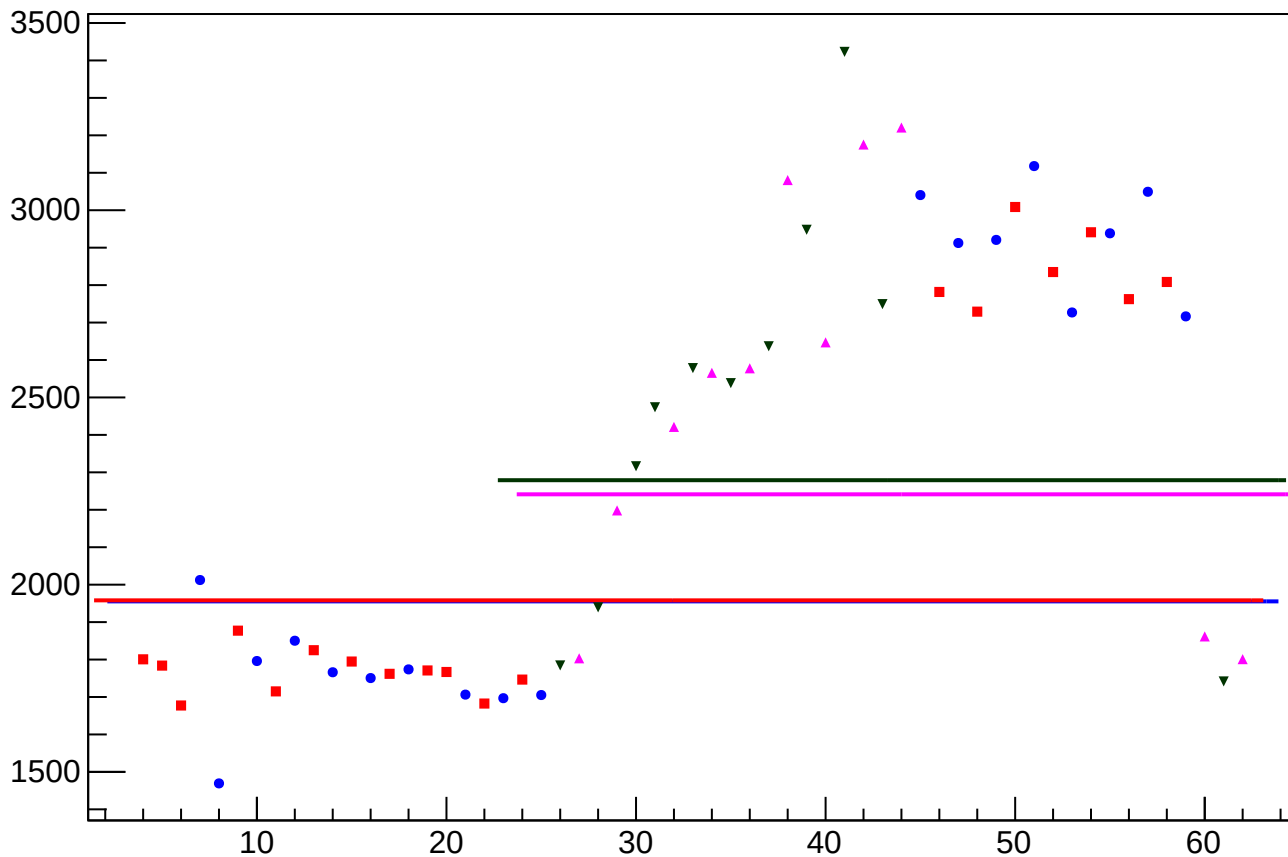
Right Out: 16.874 ± 0.633 χ^2/NDF : 128.0/18

Left In: -2.427 ± 0.887 χ^2/NDF : 124.5/10

14.379 ± 0.511 χ^2/NDF : 1454.5/28

10.354 ± 0.515 χ^2/NDF : 566.3/29

diff_bpm0l05Y_rms vs slug



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

Left Out: 2278.993+/-0.684 χ^2/NDF : 469767.2/10

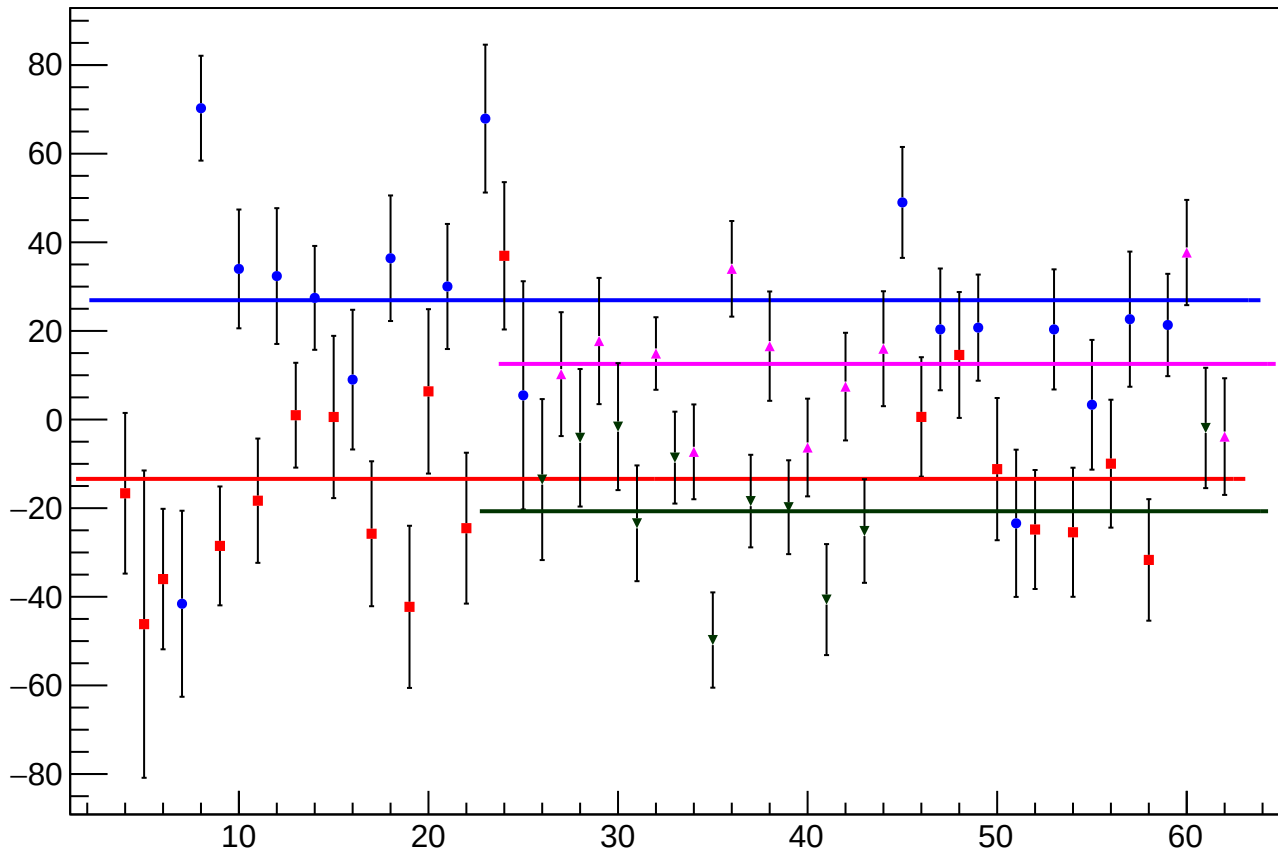
Right Out: 1958.115+/-0.448 χ^2/NDF : 858074.3/18

Left In: 2241.296+/-0.627 χ^2/NDF : 531786.7/10

2045.691+/-0.361 χ^2/NDF : 2006941.3/28

2053.770+/-0.364 χ^2/NDF : 1524972.6/29

diff_bpm0l06X_mean vs slug



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

Left Out: -20.692 ± 3.700 χ^2/NDF : 16.4/10

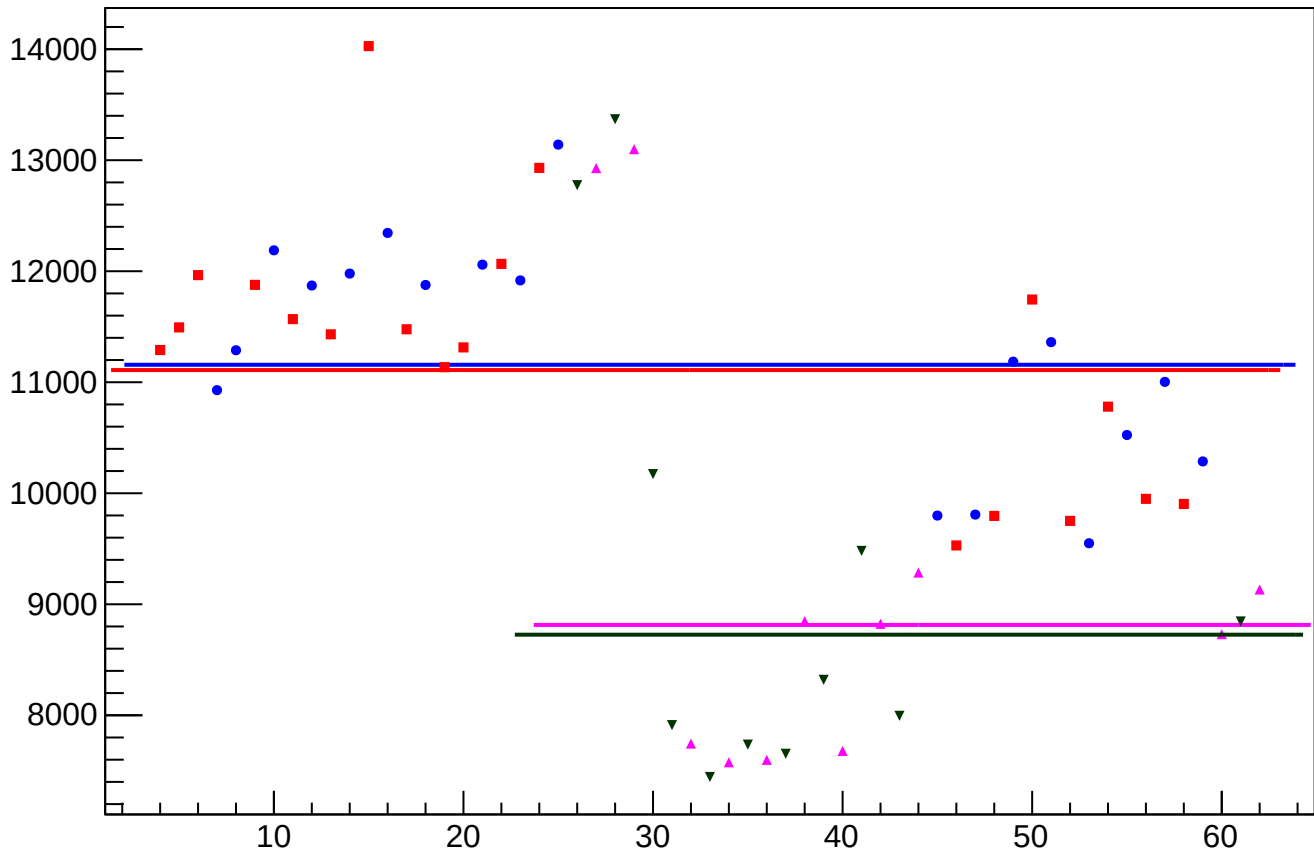
Right Out: -13.392 ± 3.535 χ^2/NDF : 28.4/18

Left In: 12.557 ± 3.478 χ^2/NDF : 16.9/10

5.571 ± 2.478 χ^2/NDF : 156.7/28

-0.208 ± 2.479 χ^2/NDF : 72.7/29

diff_bpm0l06X_rms vs slug



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

Left Out: 8725.993 ± 2.616 χ^2/NDF : 393294.1/10

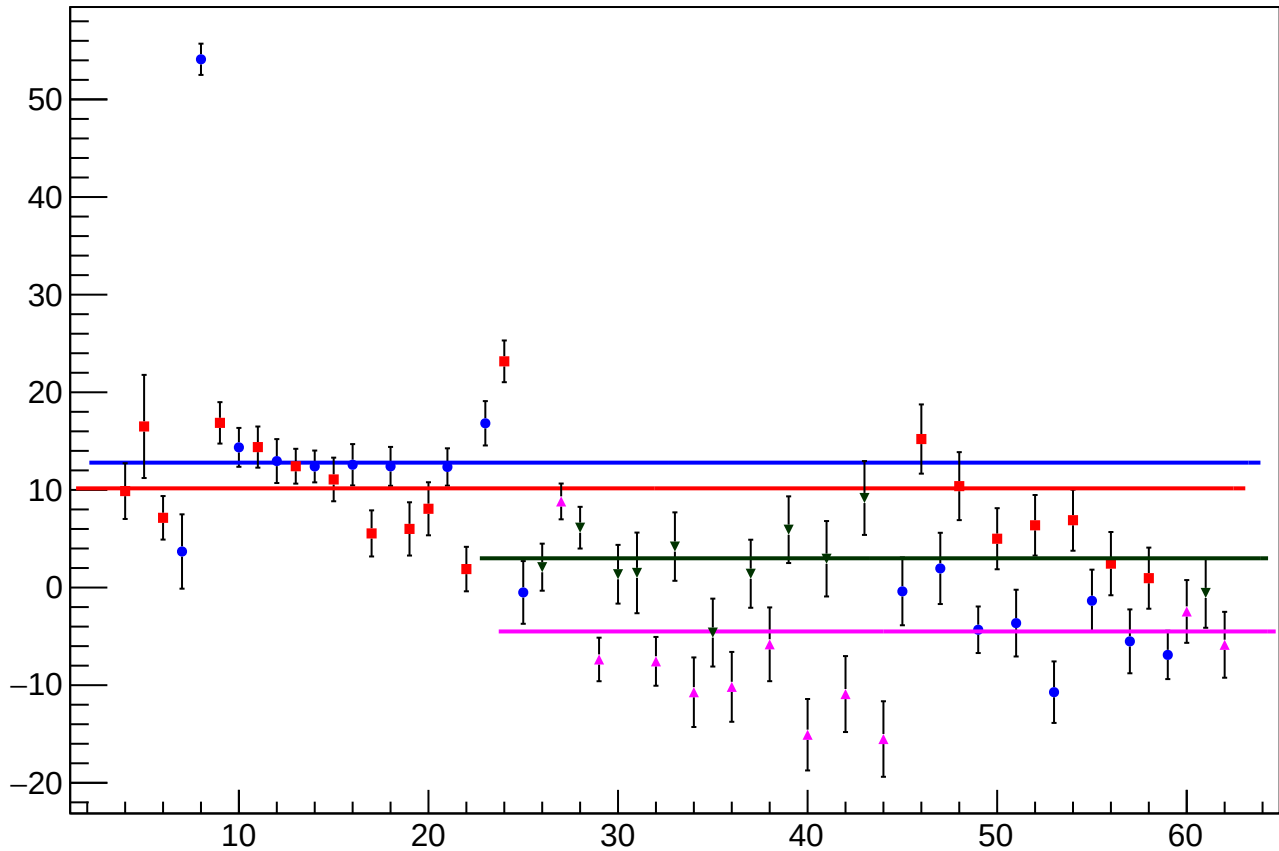
Right Out: 11109.639 ± 2.499 χ^2/NDF : 196396.7/18

Left In: 8814.029 ± 2.459 χ^2/NDF : 465650.7/10

10066.821 ± 1.752 χ^2/NDF : 1023286.4/28

9943.302 ± 1.753 χ^2/NDF : 1090660.0/29

diff_bpm0l06Y_mean vs slug



Right In: 12.794 $\pm$ 0.559 χ^2/NDF : 961.0/17

Left Out: 2.998 $\pm$ 0.950 χ^2/NDF :12.2/10

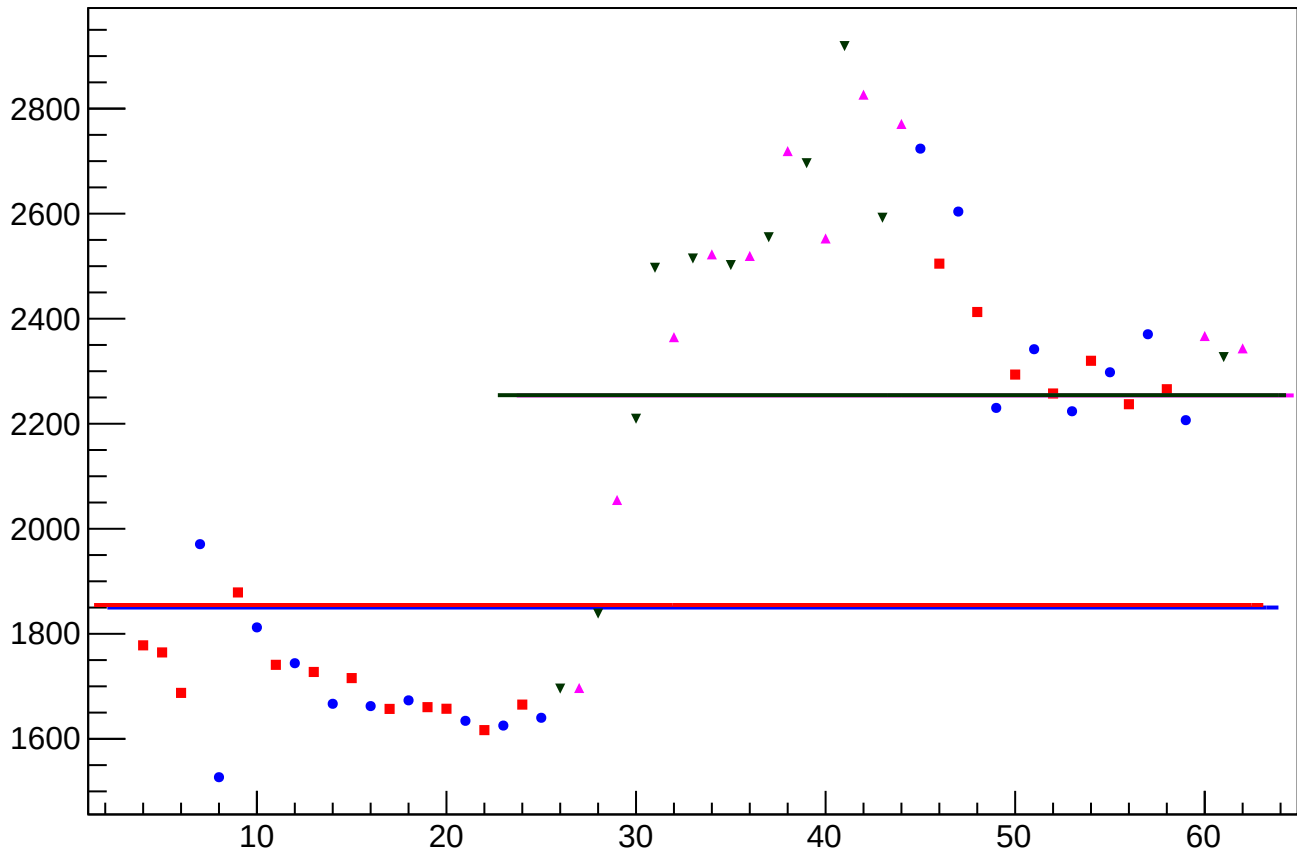
Right Out: 10.162 $\pm$ 0.592 χ^2/NDF : 97.7/18

Left In: -4.497 $\pm$ 0.885 χ^2/NDF :81.4/10

10.275 $\pm$ 0.482 χ^2/NDF : 1052.2/28

5.624 $\pm$ 0.492 χ^2/NDF : 368.6/29

diff_bpm0l06Y_rms vs slug



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

Left Out: 2254.384+/-0.672 χ^2/NDF :336148.2/10

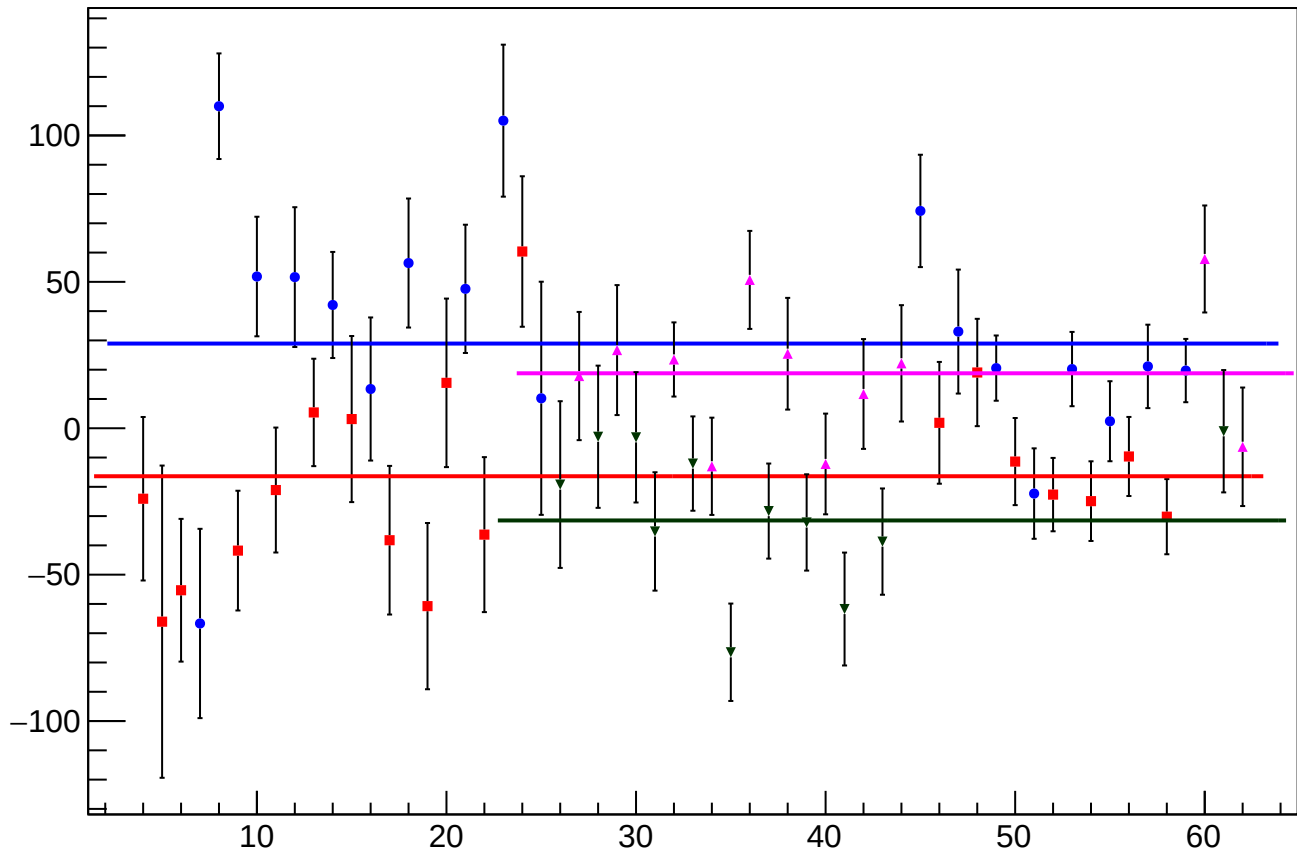
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2253.909+/-0.625 χ^2/NDF :353568.3/10

1954.046+/-0.341 χ^2/NDF : 1268296.3/28

1978.389+/-0.348 χ^2/NDF : 1042520.6/29

diff_bpm0l07X_mean vs slug



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

Left Out: -31.486+/-5.738 χ^2/NDF : 16.8/10

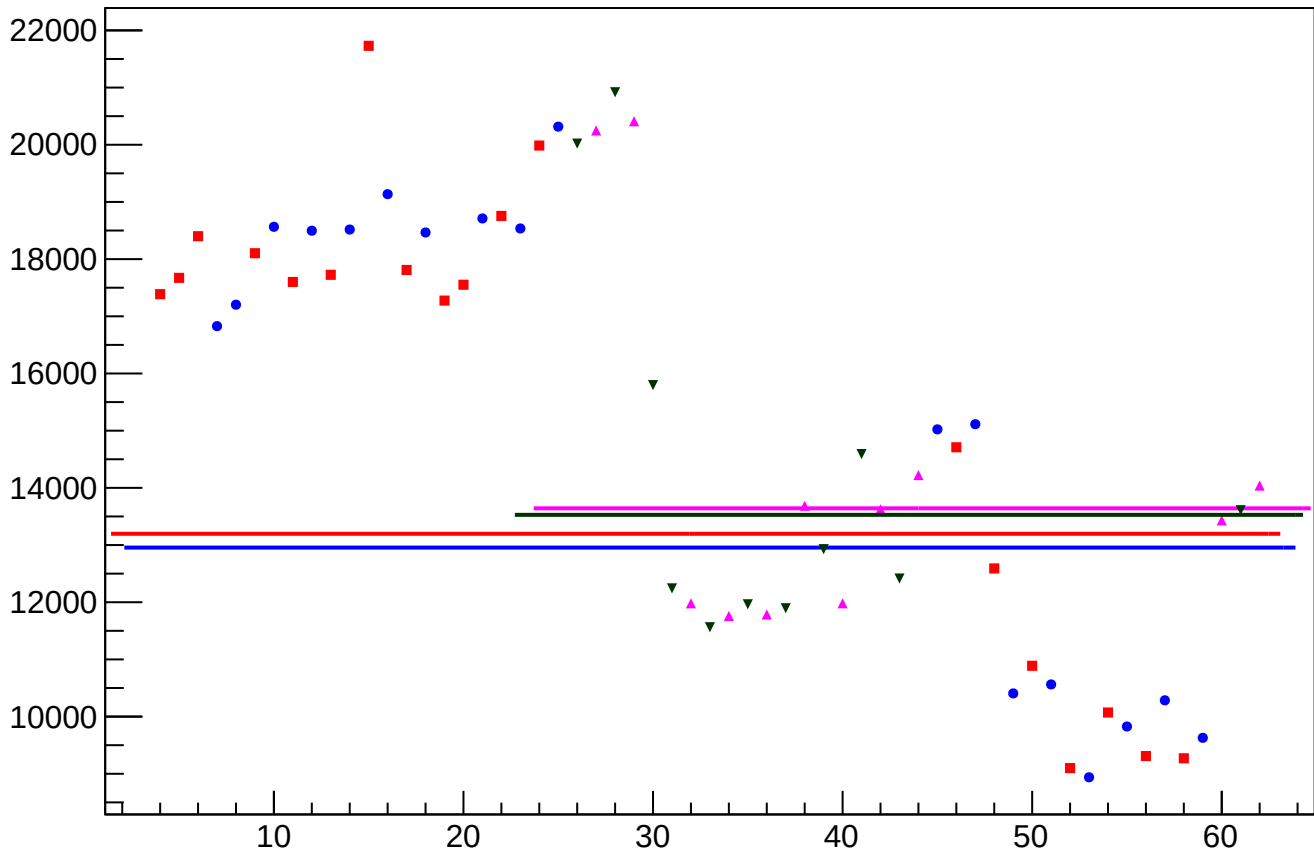
Right Out: -16.388+/-4.377 χ^2/NDF : 27.5/18

Left In: 18.775+/-5.385 χ^2/NDF : 17.2/10

8.934+/-3.301 χ^2/NDF : 156.6/28

-2.398+/-3.396 χ^2/NDF : 70.4/29

diff_bpm0l07X_rms vs slug



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

Left Out: 13528.164+/-4.057 χ^2/NDF : 402082.8/10

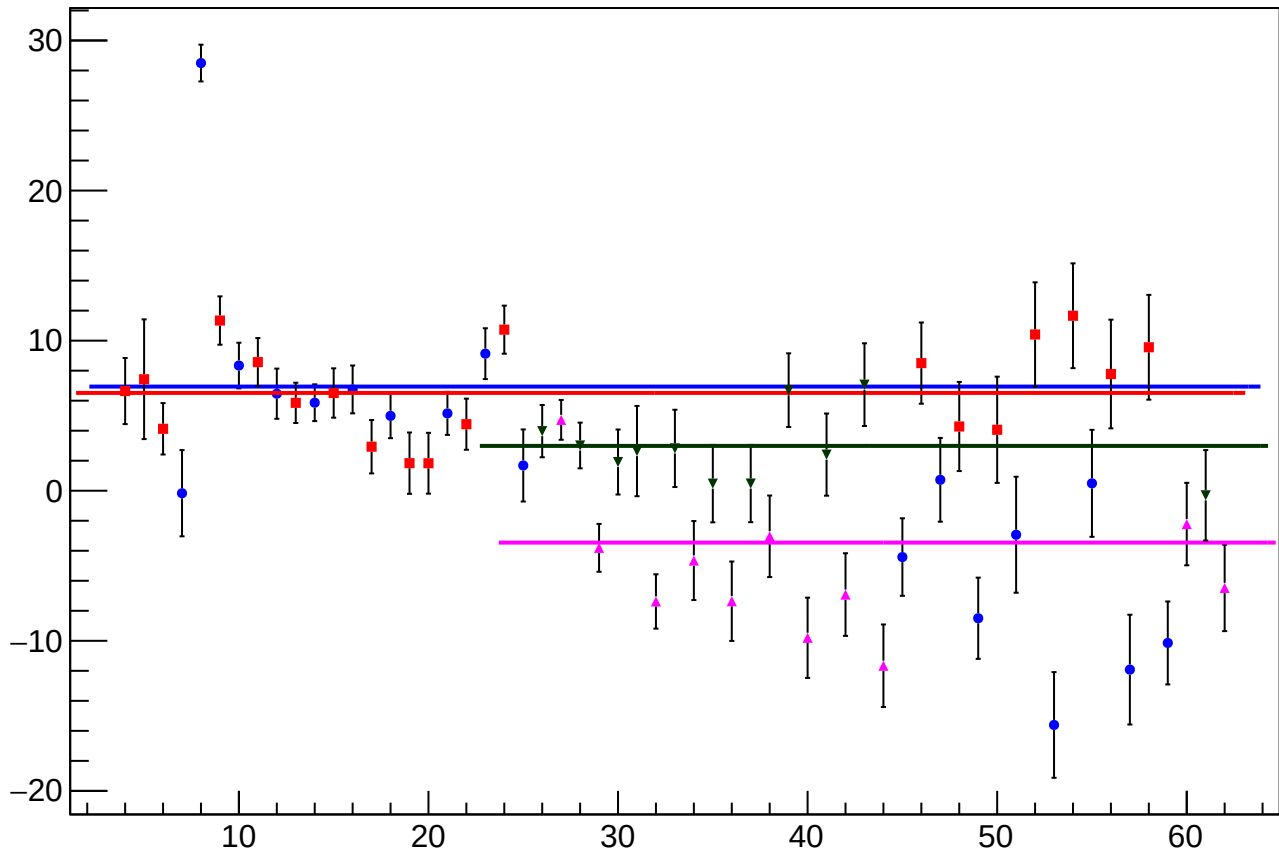
13145.272+/-2.334 χ^2/NDF : 2316027.8/28

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

13374.237+/-2.402 χ^2/NDF : 2250238.1/29

Left In: 13642.198+/-3.808 χ^2/NDF : 474260.2/10

diff_bpm0l07Y_mean vs slug



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

Left Out: 2.988+/-0.694 χ^2/NDF : 8.2/10

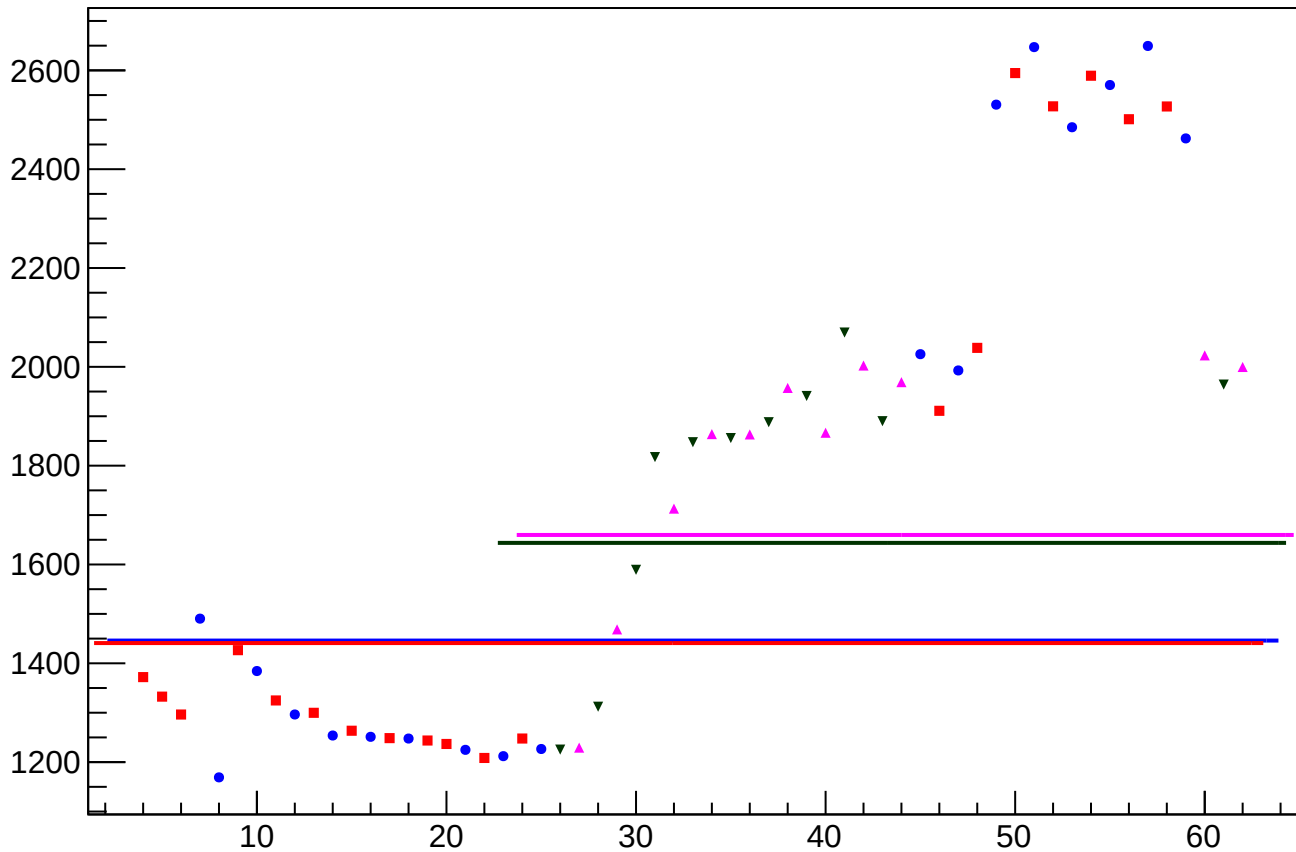
Right Out: 6.517+/-0.472 χ^2/NDF : 41.8/18

Left In: -3.456+/-0.653 χ^2/NDF : 62.5/10

5.770+/-0.377 χ^2/NDF : 530.6/28

3.098+/-0.382 χ^2/NDF : 257.7/29

diff_bpm0l07Y_rms vs slug



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

Left Out: 1643.723+/-0.491 χ^2/NDF : 378542.5/10

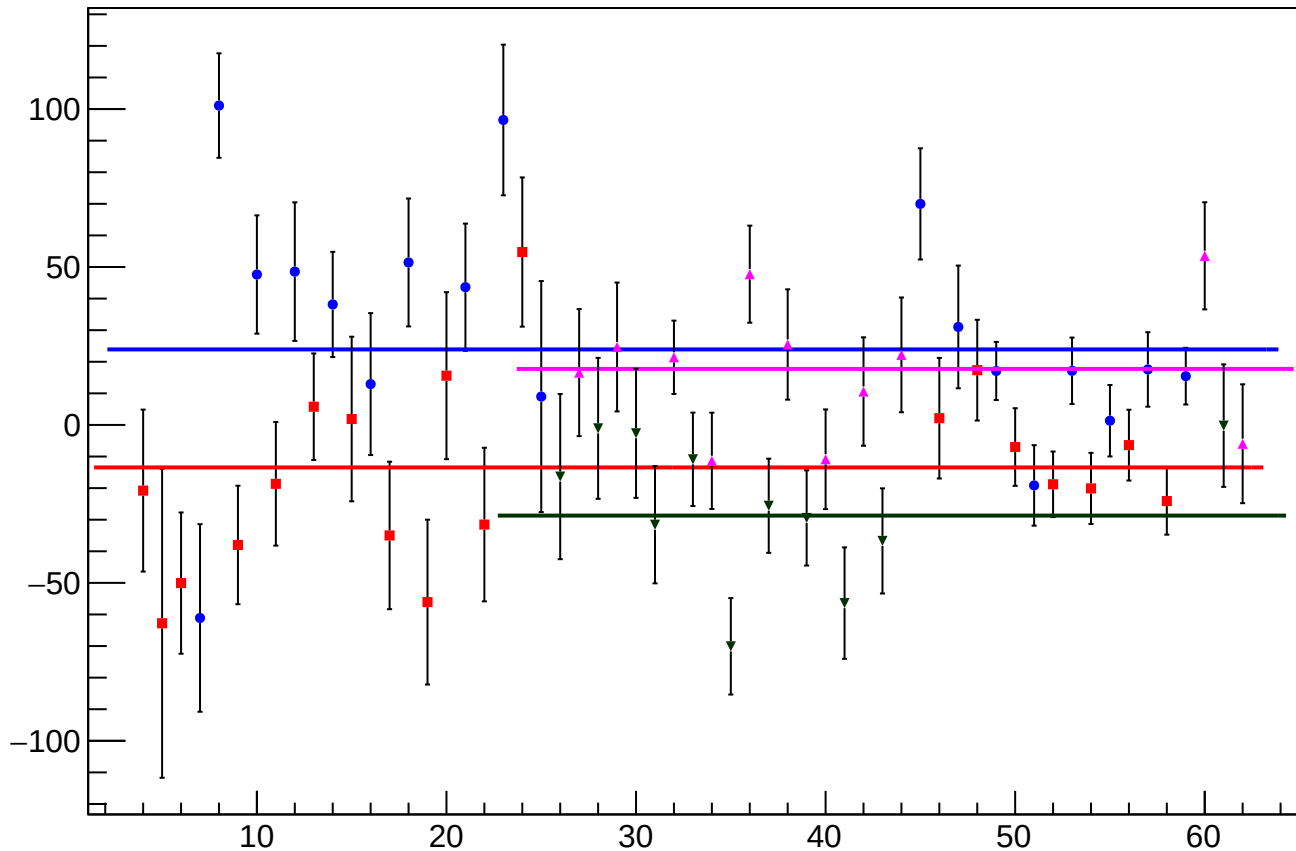
1504.497+/-0.267 χ^2/NDF : 2384411.1/28

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

1515.973+/-0.270 χ^2/NDF : 1900446.2/29

Left In: 1659.756+/-0.462 χ^2/NDF : 419654.8/10

diff_bpm0l08X_mean vs slug



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

Left Out: -28.698 ± 5.269 χ^2/NDF : 17.1/10

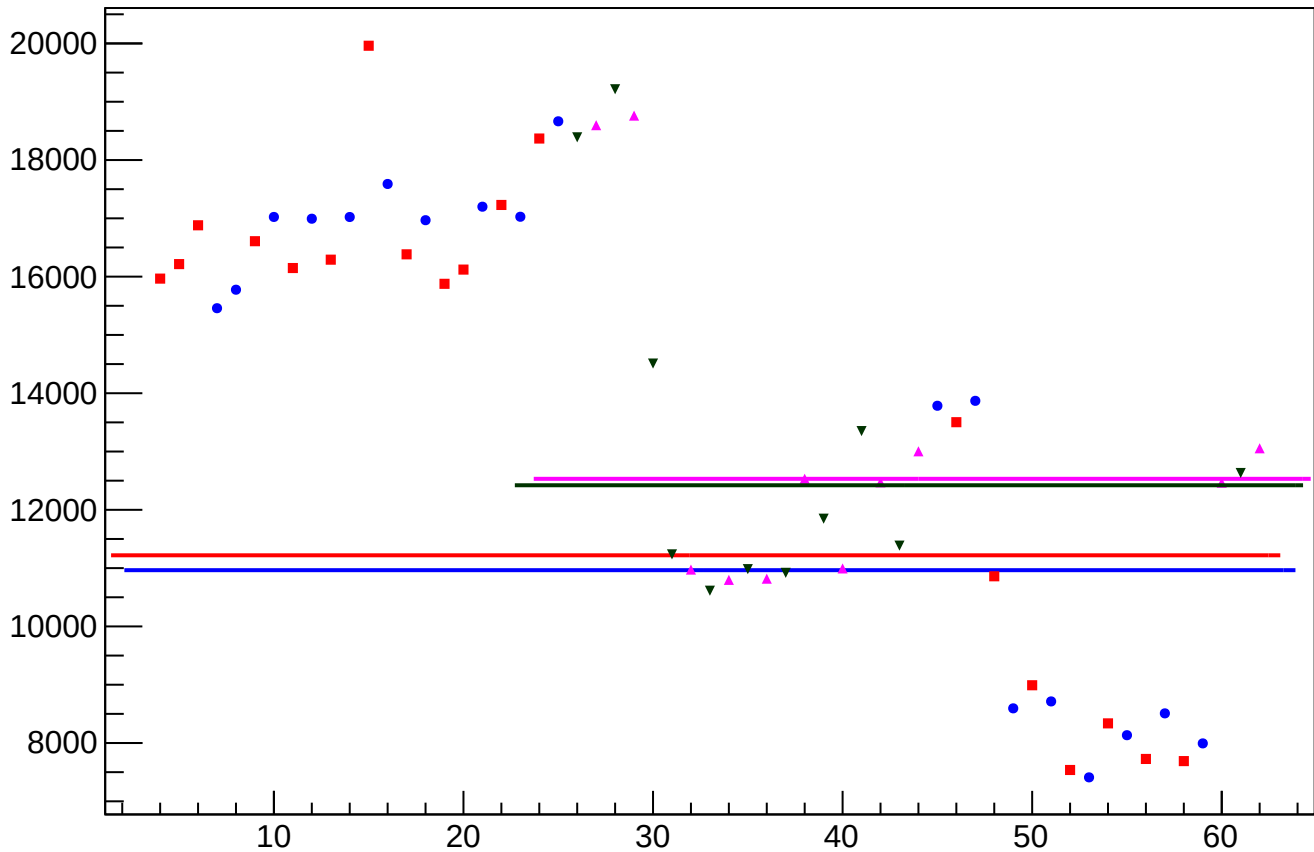
Right Out: -13.450 ± 3.783 χ^2/NDF : 27.5/18

Left In: 17.746 ± 4.947 χ^2/NDF : 17.4/10

7.993 ± 2.898 χ^2/NDF : 157.3/28

-1.938 ± 3.005 χ^2/NDF : 70.0/29

diff_bpm0l08X_rms vs slug



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

Left Out: 12421.417+/-3.726 χ^2/NDF : 403124.3/10

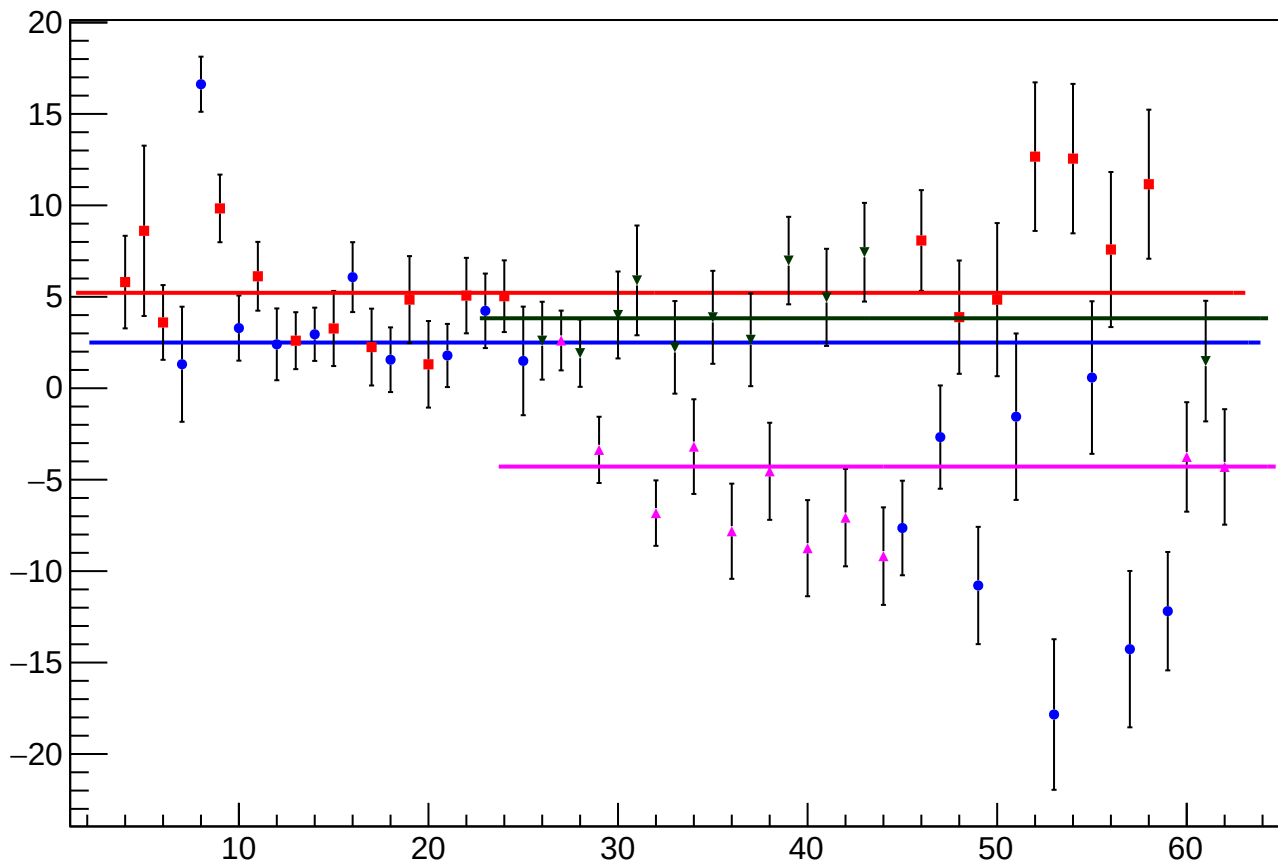
11405.432+/-2.049 χ^2/NDF : 3060593.7/28

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

11704.106+/-2.125 χ^2/NDF : 2909886.5/29

Left In: 12531.879+/-3.498 χ^2/NDF : 477178.7/10

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.826 ± 0.742 χ^2/NDF : 6.7/10

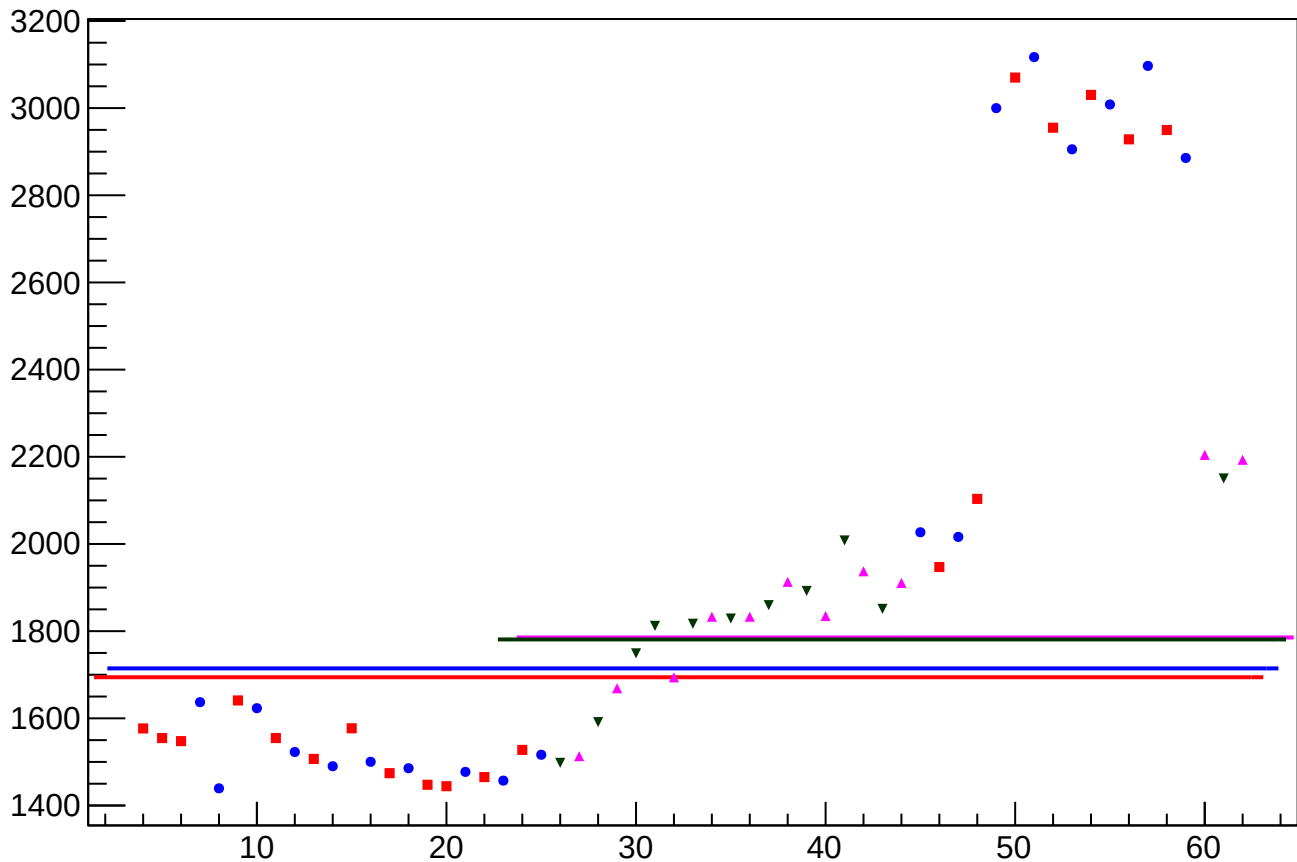
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -4.283 ± 0.695 χ^2/NDF : 29.5/10

2.947 ± 0.431 χ^2/NDF : 199.2/28

1.539 ± 0.433 χ^2/NDF : 170.4/29

diff_bpm0l08Y_rms vs slug



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

Left Out: 1780.978+/-0.525 χ^2/NDF :105577.9/10

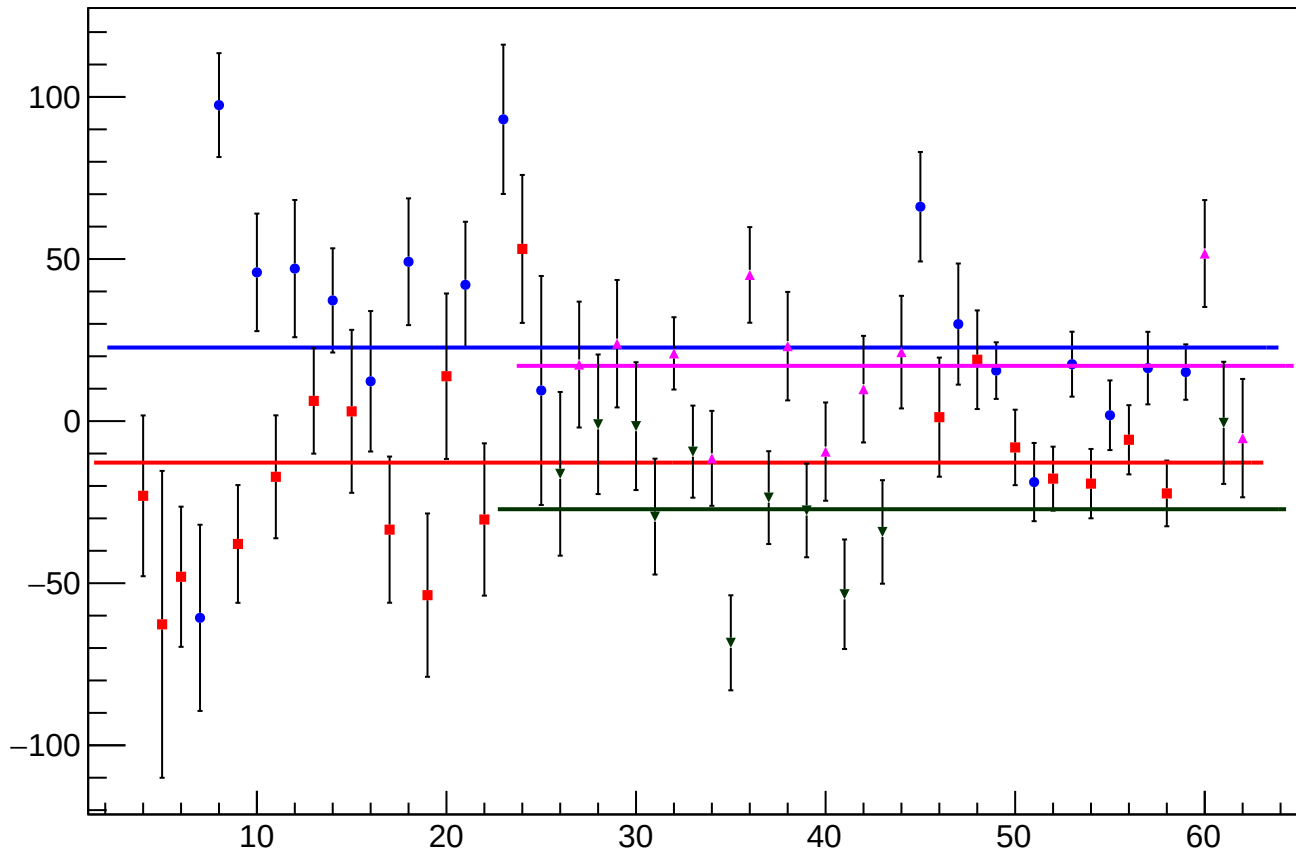
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

Left In: 1785.544+/-0.492 χ^2/NDF :159115.2/10

1736.994+/-0.305 χ^2/NDF : 1786944.9/28

1729.613+/-0.306 χ^2/NDF : 1383000.1/29

diff_bpm0l09X_mean vs slug



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

Left Out: -27.177 ± 5.067 $\chi^2/\text{NDF}: 17.5/10$

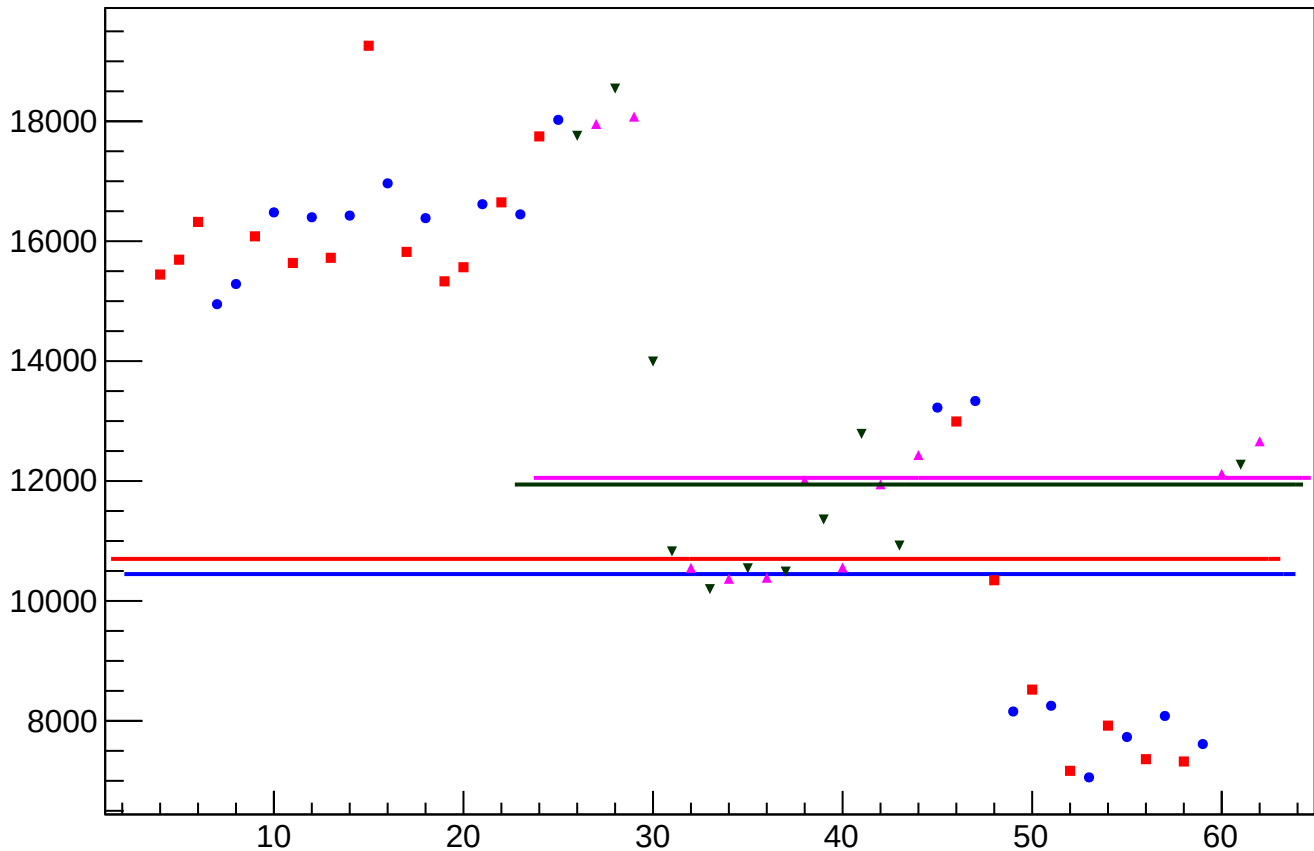
Right Out: -12.799 ± 3.618 $\chi^2/\text{NDF}: 28.2/18$

Left In: 17.051 ± 4.759 $\chi^2/\text{NDF}: 17.0/10$

7.748 ± 2.774 $\chi^2/\text{NDF}: 156.3/28$

-1.864 ± 2.880 $\chi^2/\text{NDF}: 70.1/29$

diff_bpm0l09X_rms vs slug



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

Left Out: 11941.967+/-3.583 χ^2/NDF : 409627.1/10

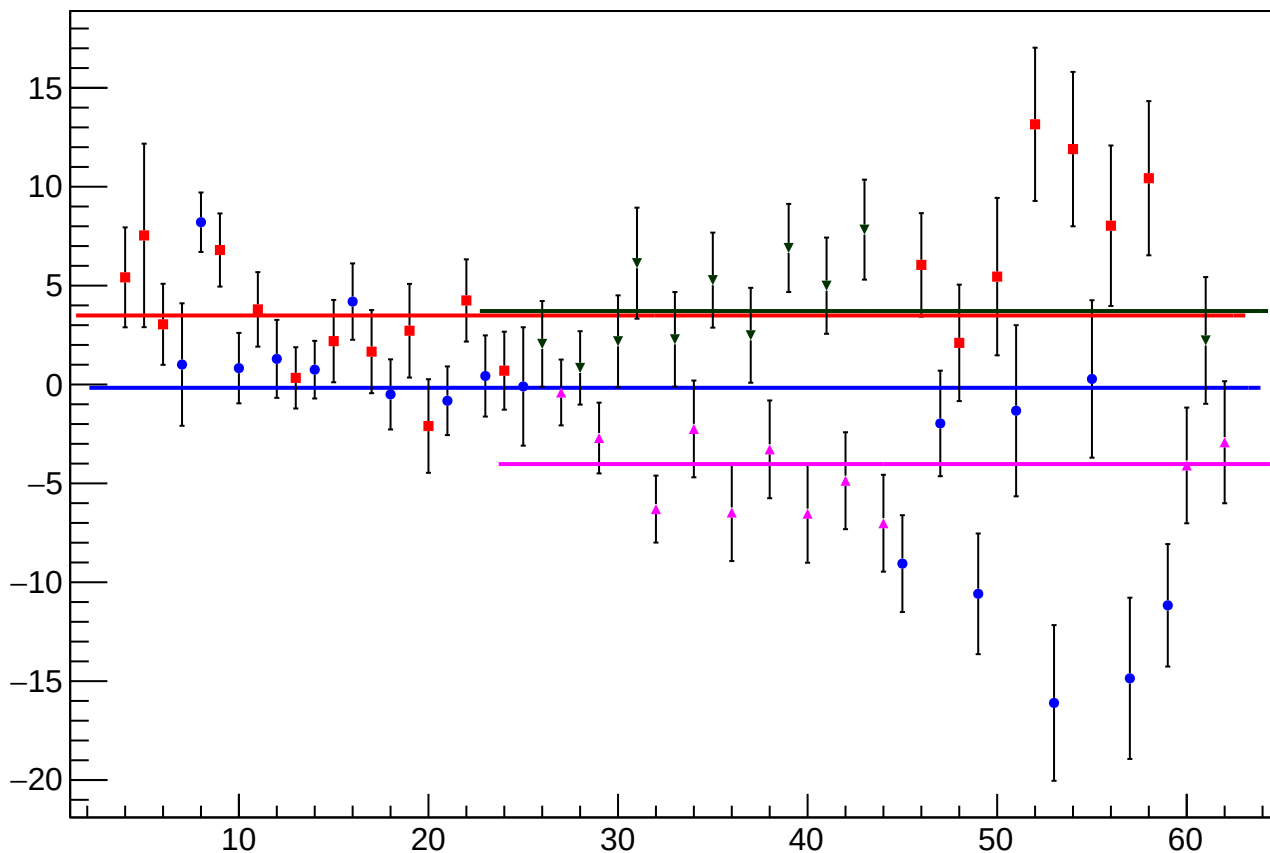
10895.924+/-1.961 χ^2/NDF : 3186023.3/28

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

11196.468+/-2.037 χ^2/NDF : 3024320.1/29

Left In: 12052.736+/-3.365 χ^2/NDF : 483635.6/10

diff_bpm0l09Y_mean vs slug



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

Left Out: 3.715 ± 0.714 $\chi^2/\text{NDF}: 10.4/10$

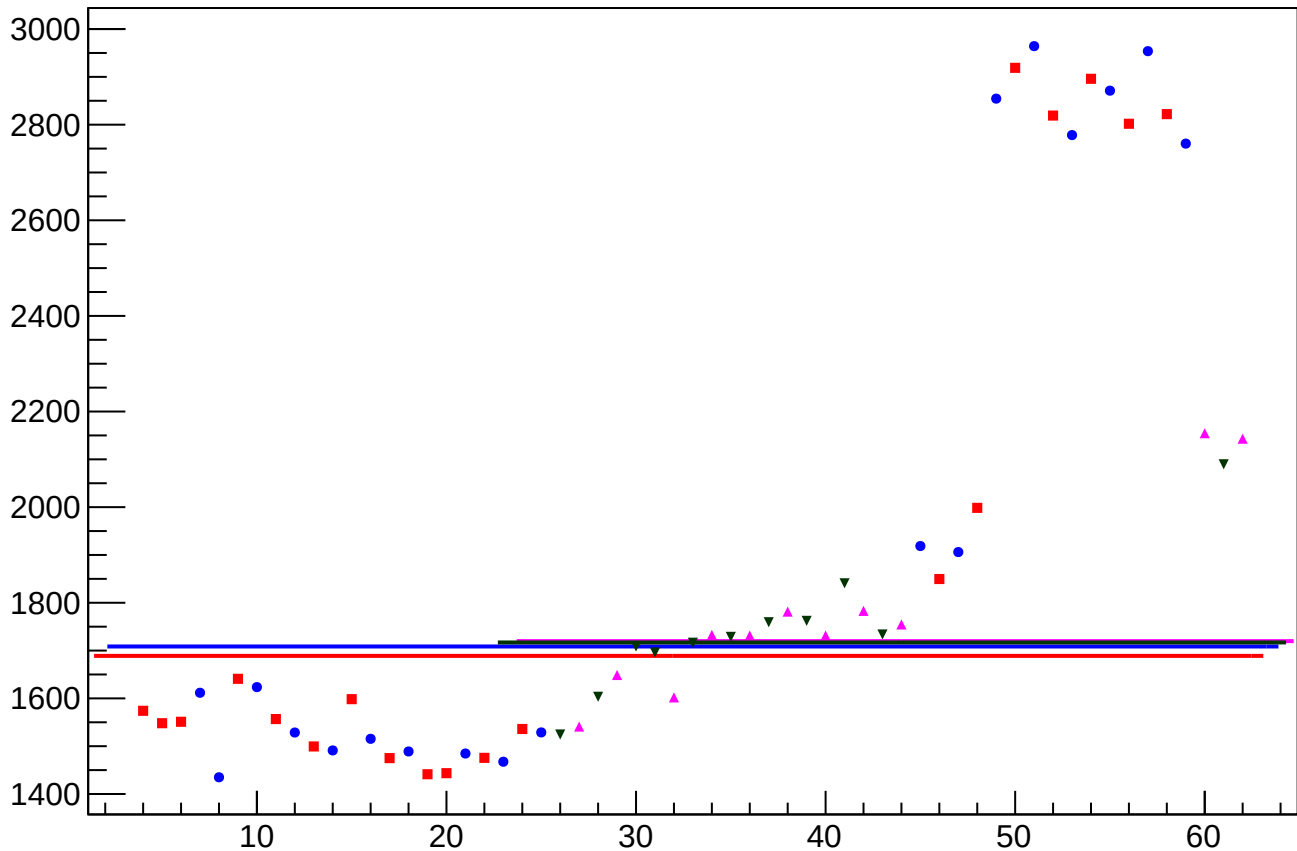
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -4.024 ± 0.669 $\chi^2/\text{NDF}: 11.5/10$

1.198 ± 0.423 $\chi^2/\text{NDF}: 134.8/28$

0.465 ± 0.424 $\chi^2/\text{NDF}: 121.3/29$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1716.979+/-0.505 χ^2/NDF : 57212.8/10

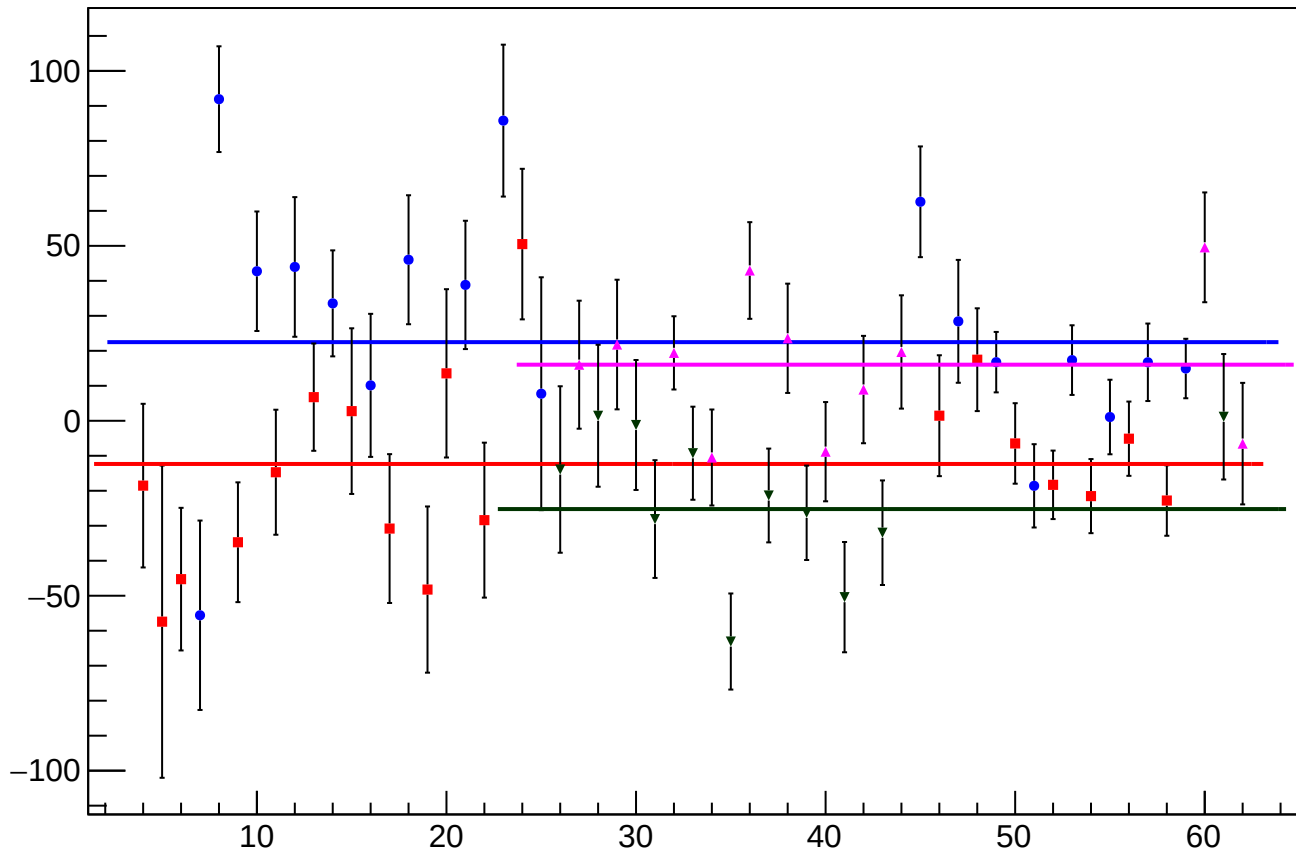
1711.521+/-0.299 χ^2/NDF : 1521987.3/28

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

1701.332+/-0.300 χ^2/NDF : 1182018.5/29

Left In: 1719.779+/-0.473 χ^2/NDF : 120838.8/10

diff_bpm0l10X_mean vs slug



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

Left Out: -25.230 ± 4.753 χ^2/NDF : 17.7/10

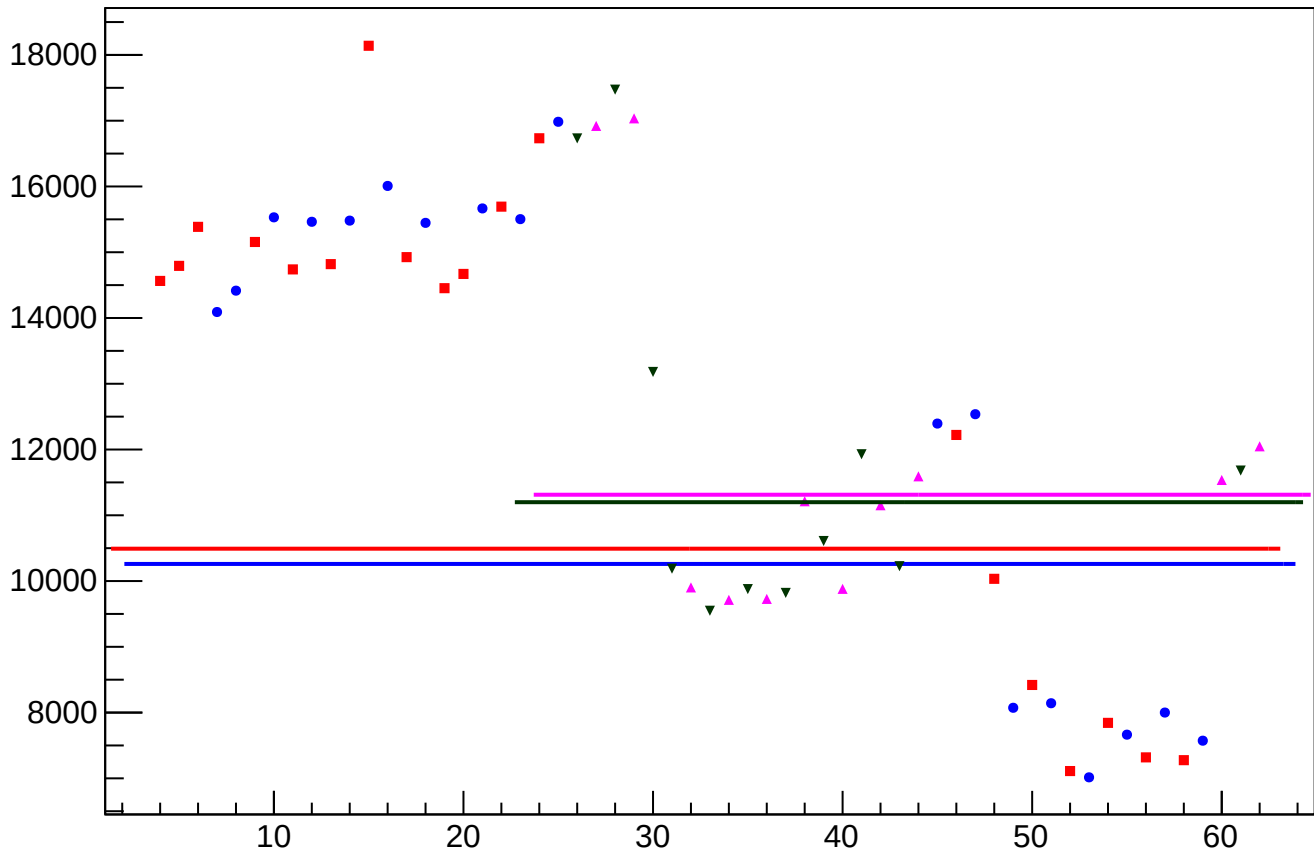
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 16.036 ± 4.468 χ^2/NDF : 17.6/10

7.421 ± 2.670 χ^2/NDF : 154.9/28

-1.487 ± 2.763 χ^2/NDF : 70.8/29

diff_bpm0l10X_rms vs slug



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

Left Out: 11199.147+/-3.361 χ^2/NDF : 417927.4/10

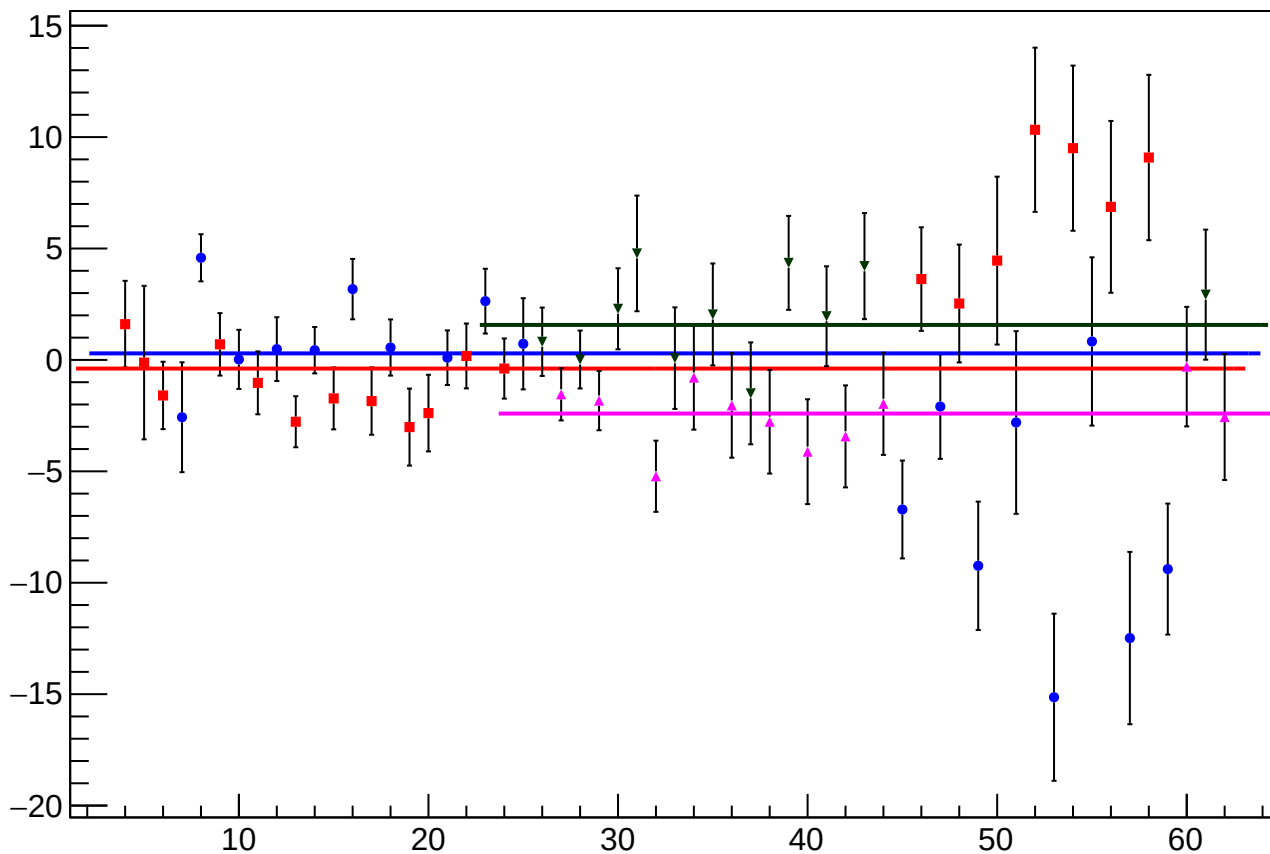
10556.521+/-1.888 χ^2/NDF : 2791347.2/28

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

10805.907+/-1.954 χ^2/NDF : 2674308.1/29

Left In: 11312.591+/-3.159 χ^2/NDF : 493795.9/10

diff_bpm0l10Y_mean vs slug



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

Left Out: 1.570 ± 0.602 χ^2/NDF : 8.9/10

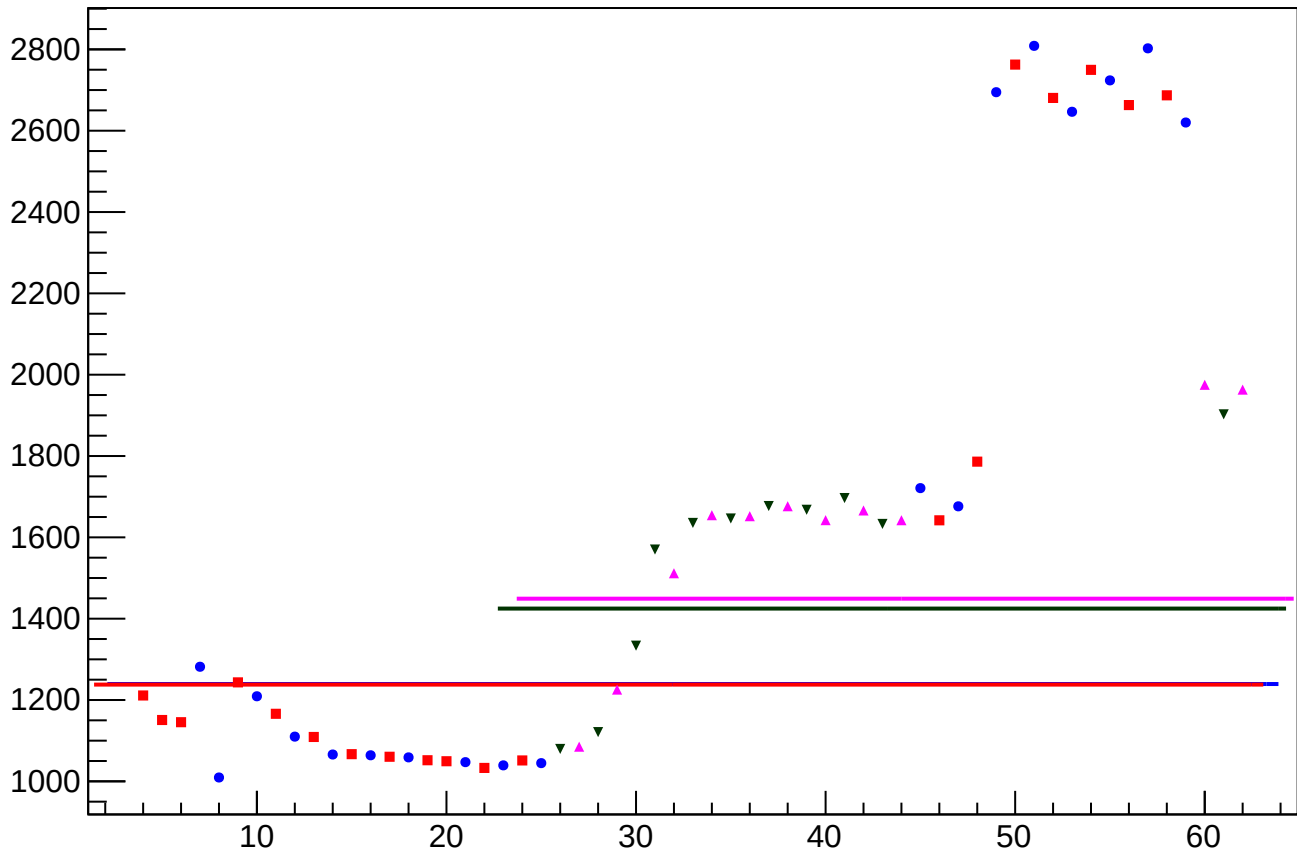
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -2.407 ± 0.572 χ^2/NDF : 5.8/10

0.675 ± 0.329 χ^2/NDF : 98.6/28

-1.078 ± 0.334 χ^2/NDF : 58.0/29

diff_bpm0l10Y_rms vs slug



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

Left Out: 1424.840+/-0.426 χ^2/NDF : 407014.7/10

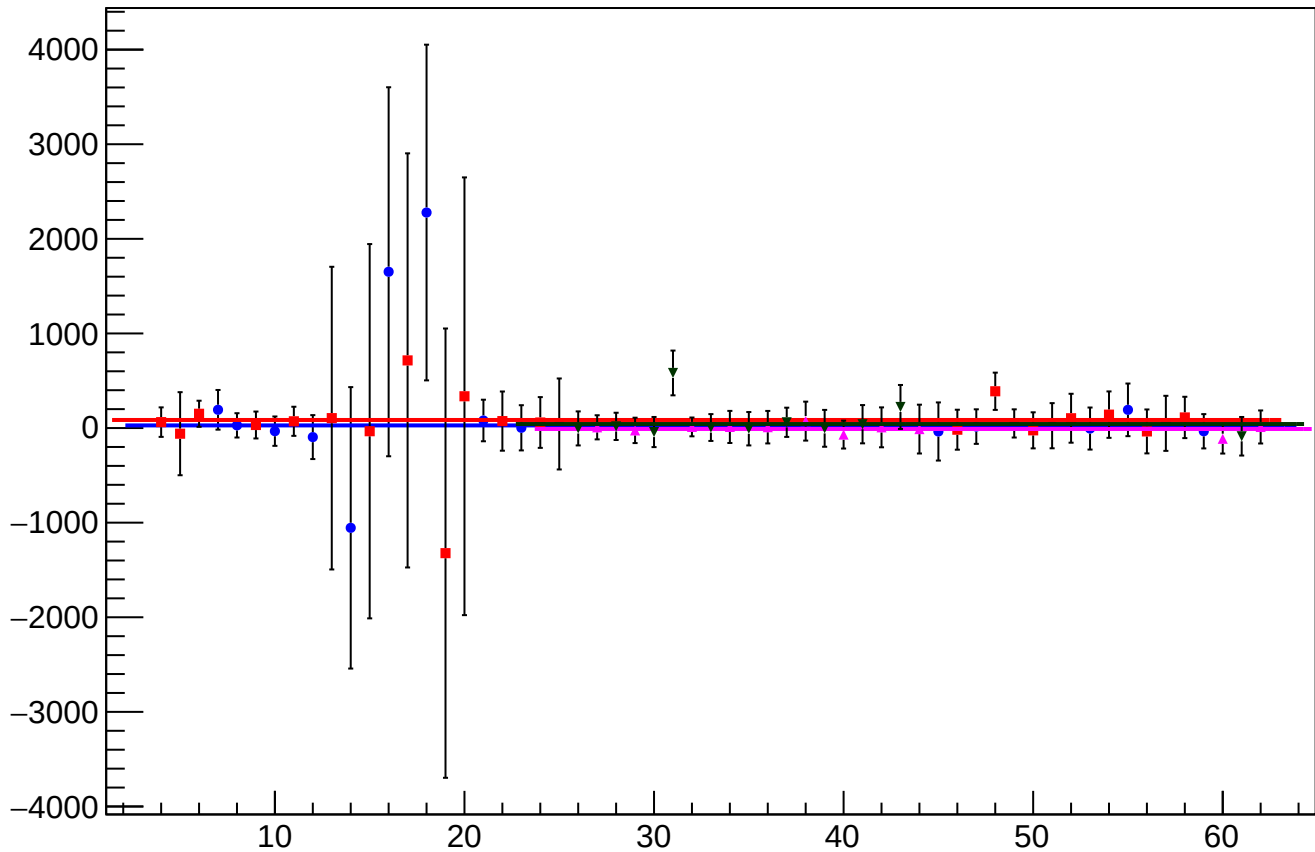
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

Left In: 1449.174+/-0.404 χ^2/NDF : 490758.9/10

1294.728+/-0.233 χ^2/NDF : 3215943.3/28

1310.116+/-0.236 χ^2/NDF : 2584994.8/29

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: 42.534+/-53.183 χ^2/NDF : 6.8/10

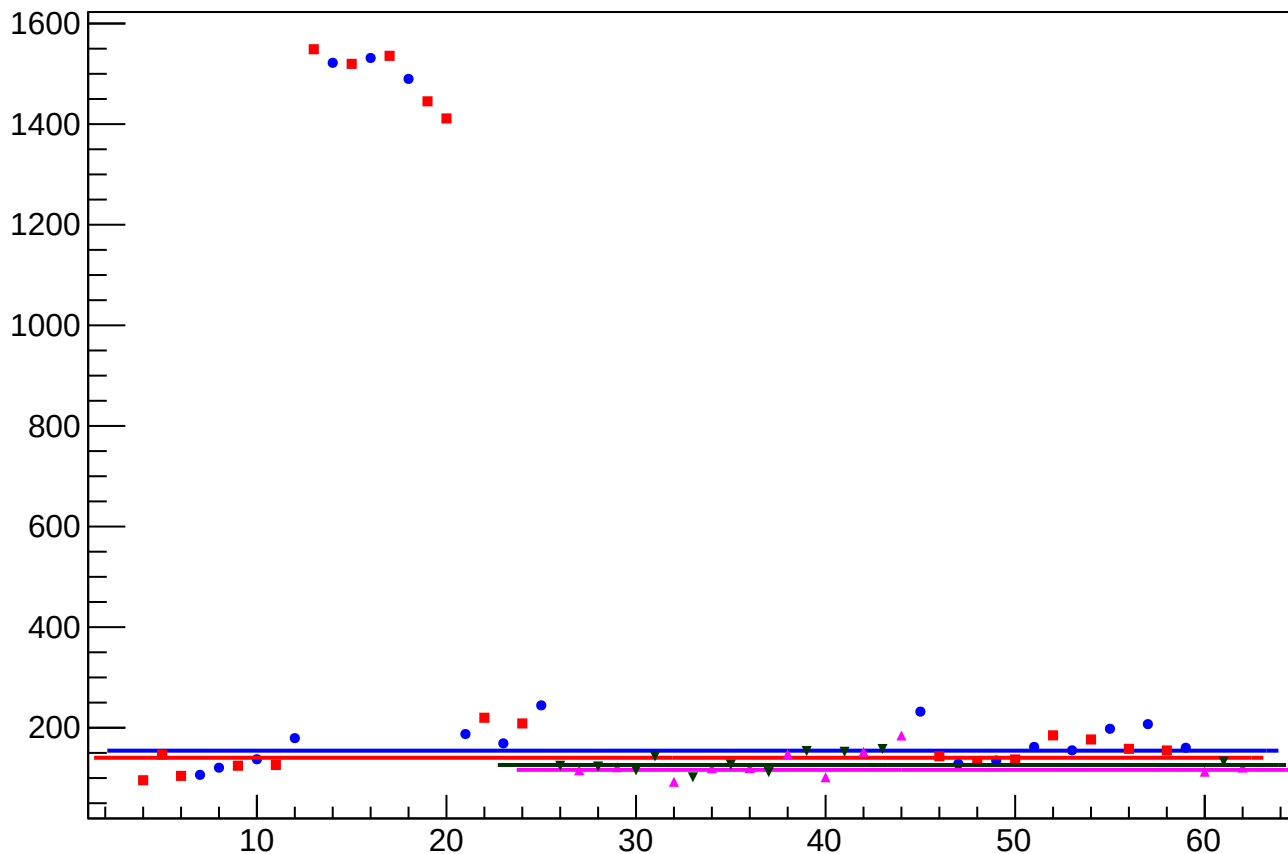
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -9.975+/-46.226 χ^2/NDF : 0.9/10

35.081+/-37.289 χ^2/NDF : 11.4/28

31.638+/-34.696 χ^2/NDF : 7.0/29

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 126.015 $\pm$ 0.038 χ^2 /NDF: 211329.0/10

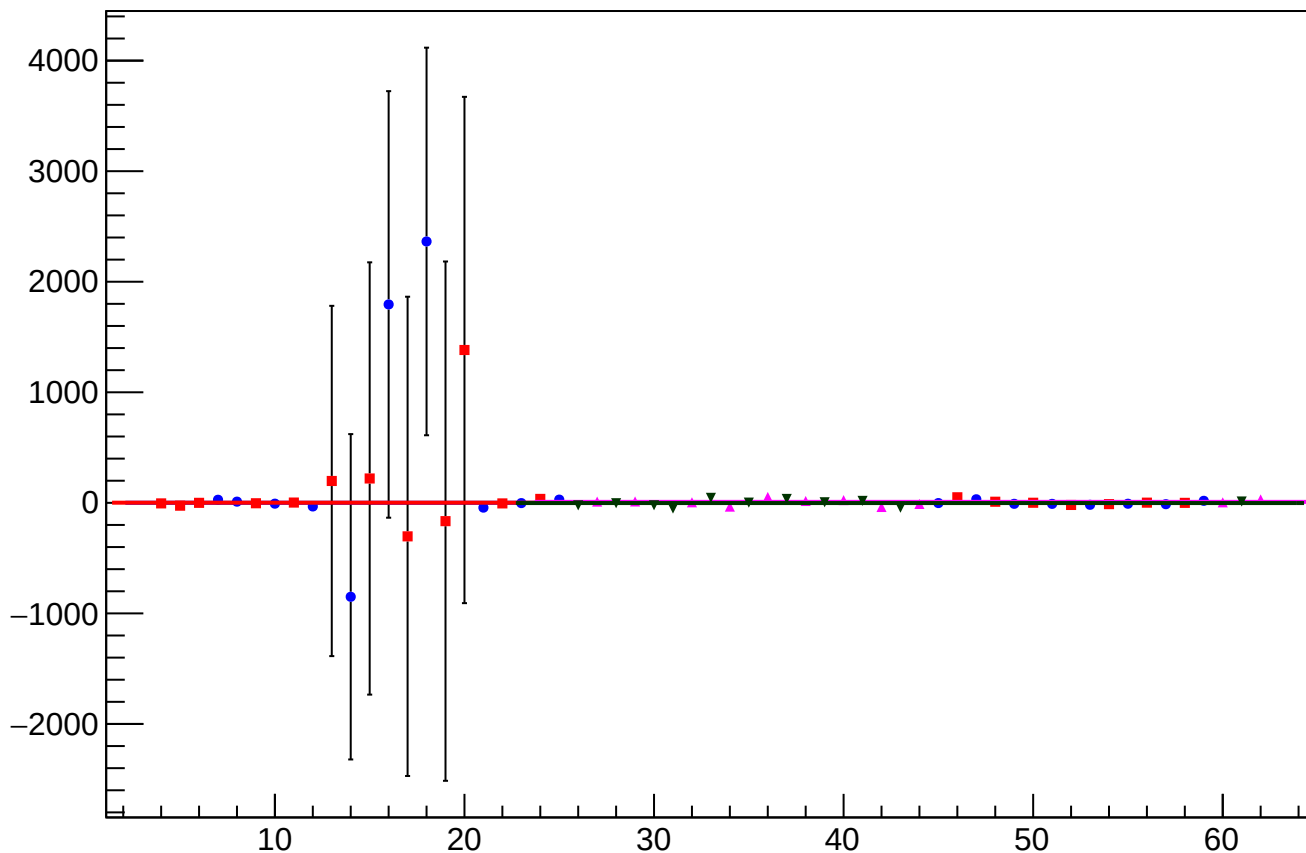
Right Out: 140.345 $\pm$ 0.037 χ^2 /NDF: 5274055.6/18

Left In: 116.323 $\pm$ 0.033 χ^2 /NDF: 386416.1/10

140.473 $\pm$ 0.026 χ^2 /NDF: 5058763.1/28

126.812 $\pm$ 0.025 χ^2 /NDF: 5896321.9/29

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -1.912+/-6.986 χ^2/NDF :15.1/10

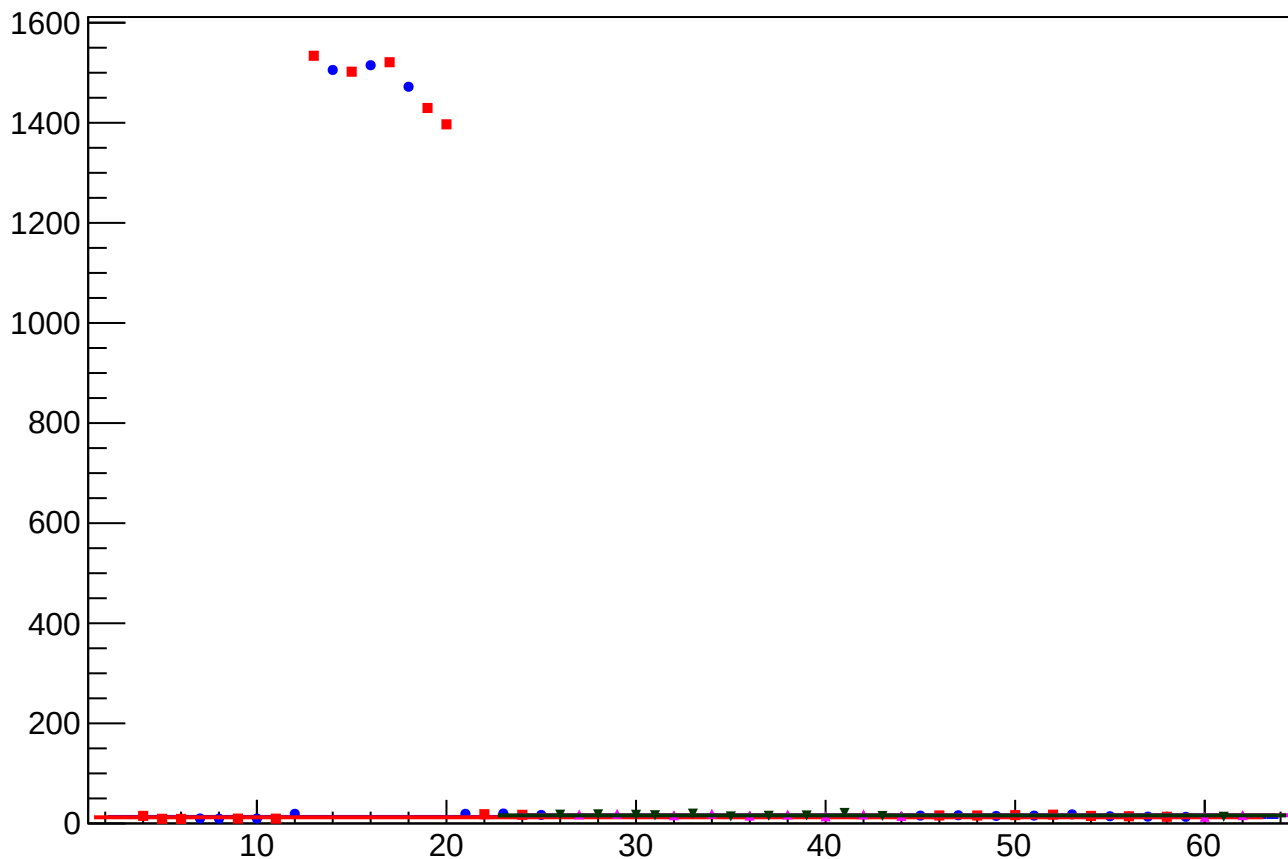
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 8.846+/-6.646 χ^2/NDF :11.4/10

-0.176+/-3.850 χ^2/NDF : 31.7/28

3.933+/-3.885 χ^2/NDF : 21.7/29

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: 16.208 $\pm$ 0.005 χ^2 /NDF:177253.0/10

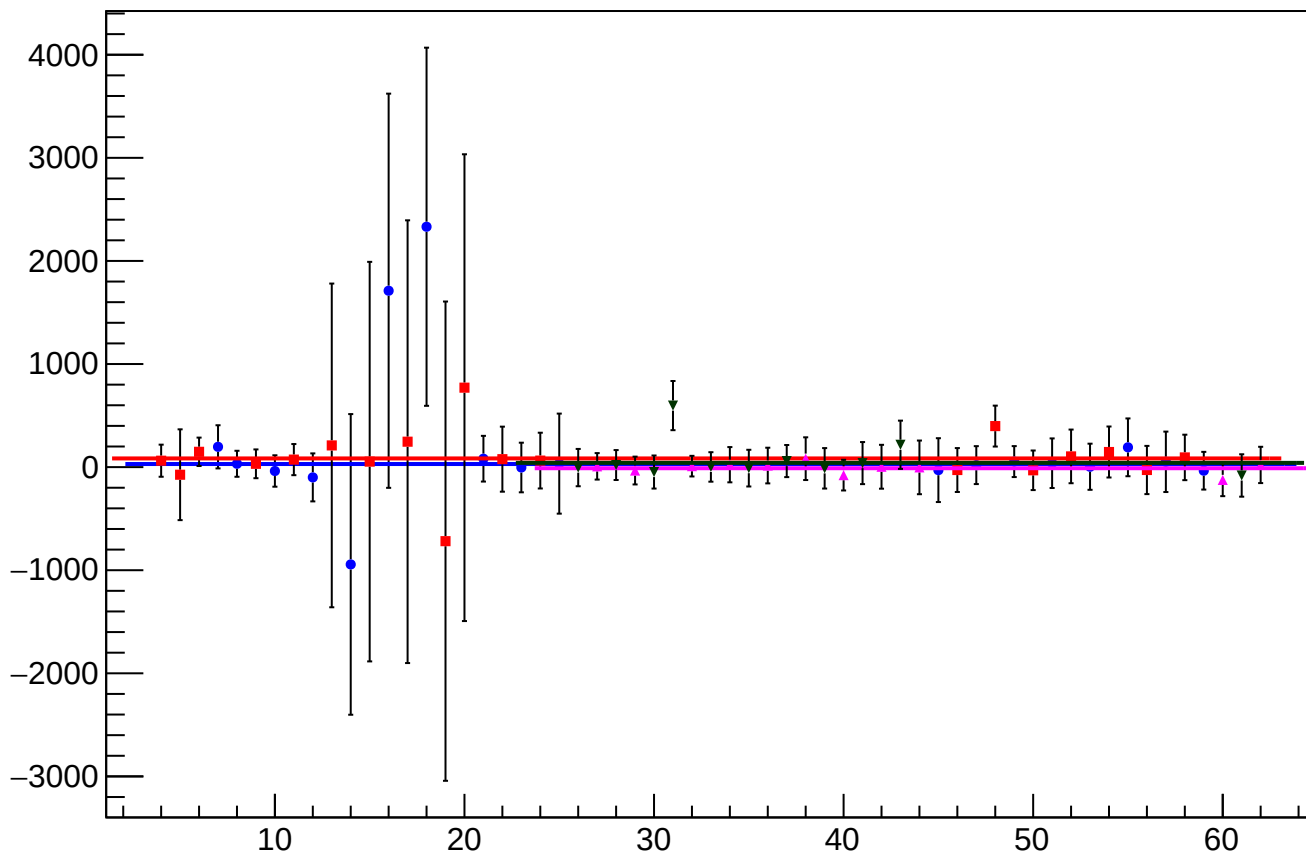
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 16.463 $\pm$ 0.005 χ^2 /NDF:175752.3/10

13.984 $\pm$ 0.003 χ^2 /NDF: 6164123.0/28

13.731 $\pm$ 0.003 χ^2 /NDF: 7062198.1/29

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: 41.201+/-53.602 χ^2/NDF : 7.0/10

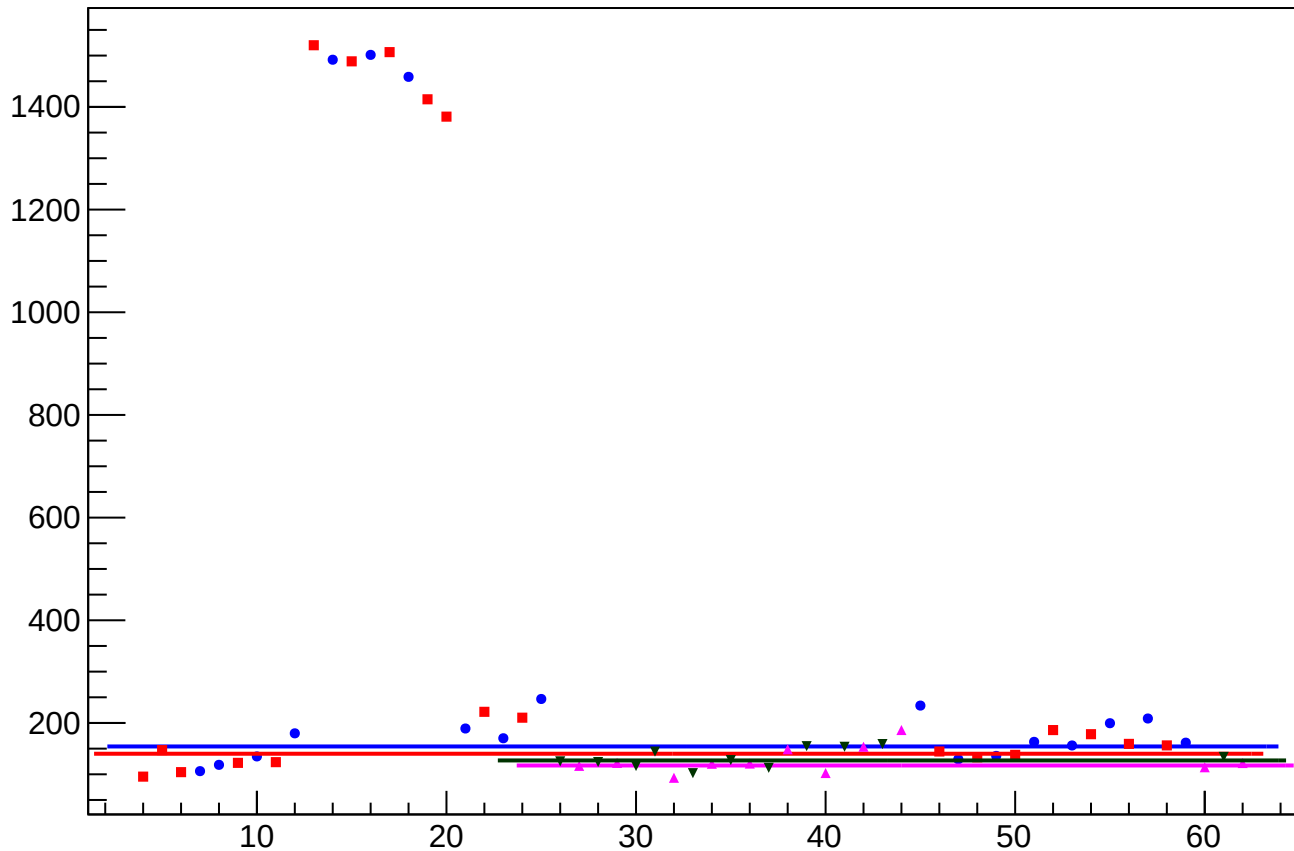
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -10.779+/-46.571 χ^2/NDF : 1.1/10

35.465+/-37.421 χ^2/NDF : 11.7/28

31.166+/-34.817 χ^2/NDF : 7.1/29

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: 127.003+/-0.038 χ^2/NDF : 211632.4/10

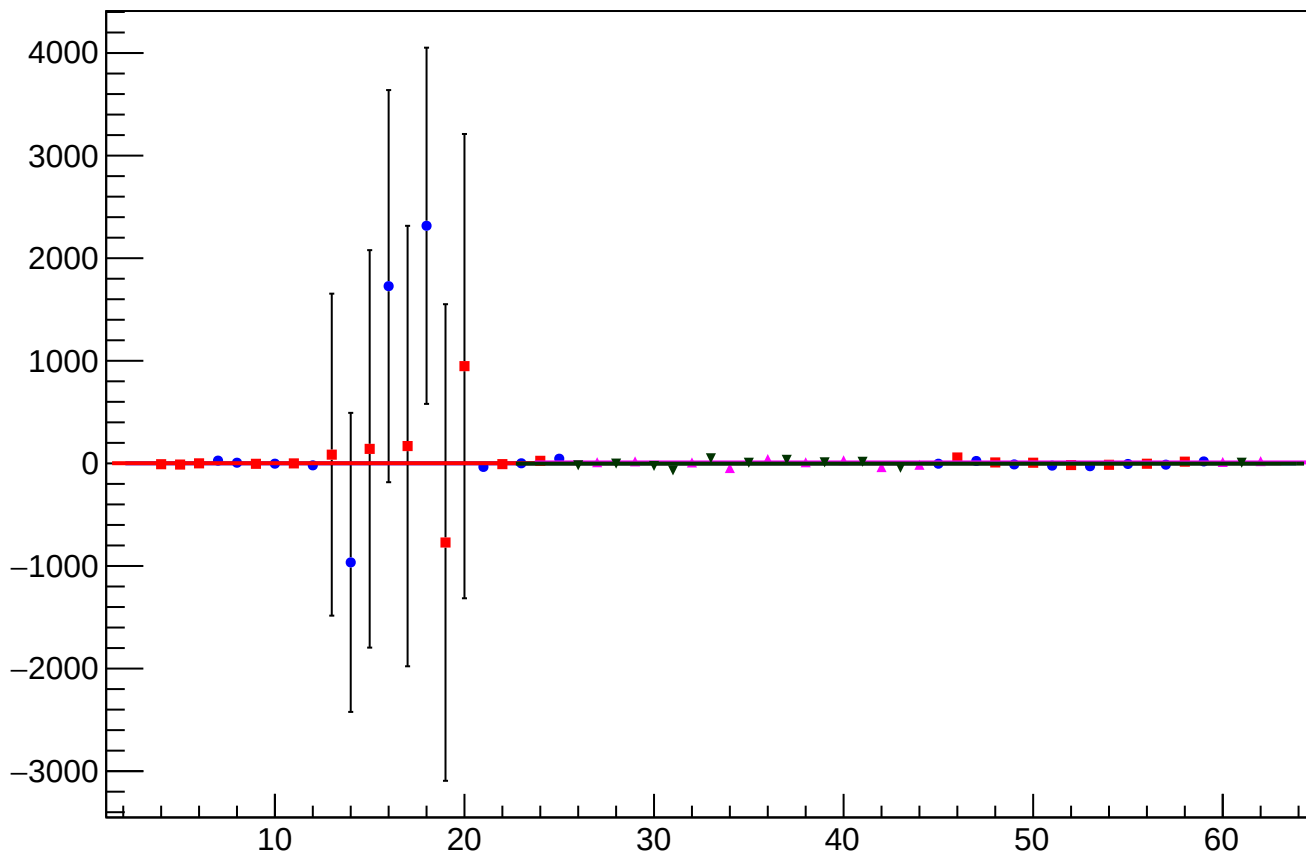
Right Out: 140.050+/-0.037 χ^2/NDF : 5289912.8/18

Left In: 117.182+/-0.033 χ^2/NDF : 387146.1/10

140.962+/-0.026 χ^2/NDF : 5061099.4/28

127.269+/-0.025 χ^2/NDF : 5889770.3/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



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

Left Out: -2.165 $\pm$ 6.809 χ^2 /NDF:18.4/10

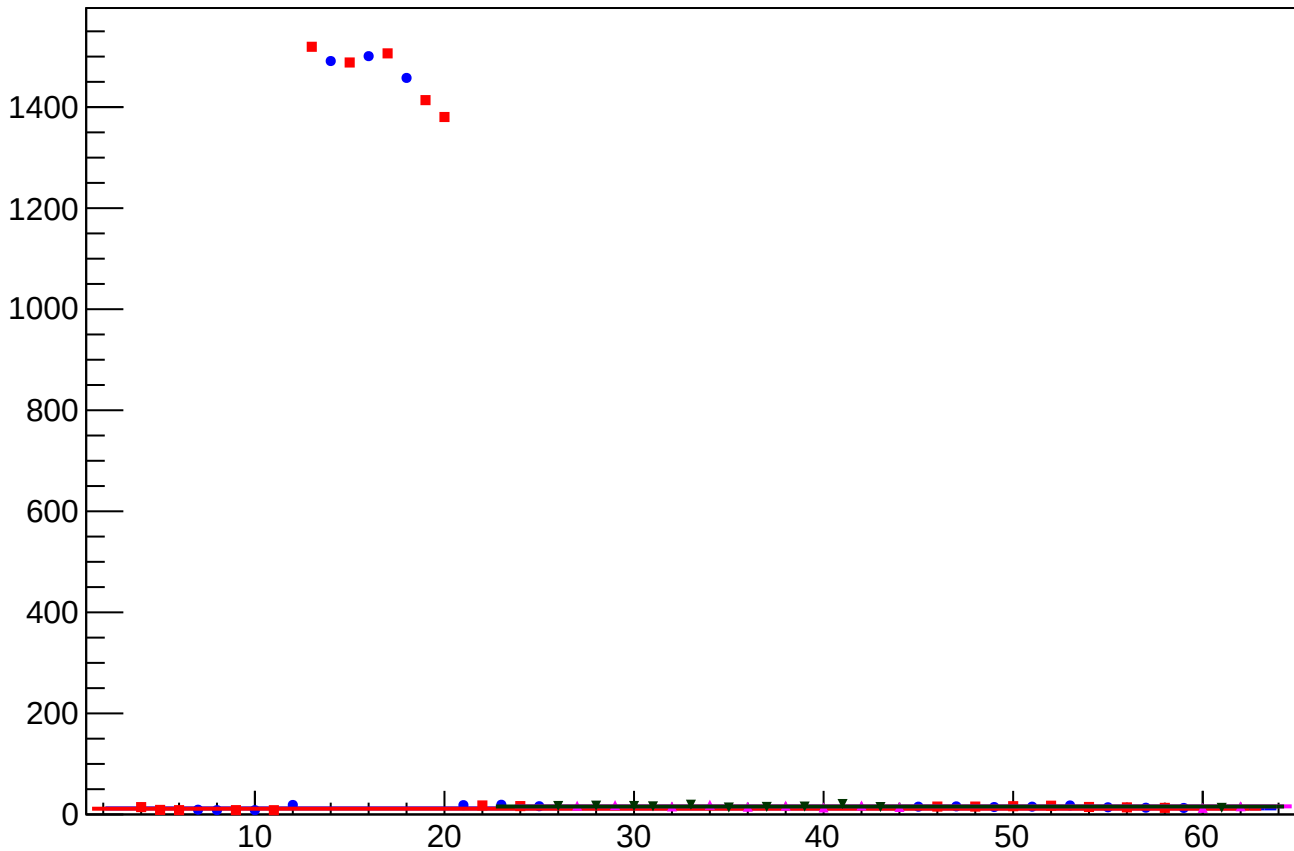
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 9.518 $\pm$ 6.482 χ^2 /NDF:11.7/10

-0.155 $\pm$ 3.645 χ^2 /NDF: 34.5/28

4.275 $\pm$ 3.680 χ^2 /NDF: 22.8/29

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: 15.774+/-0.005 χ^2/NDF :171070.9/10

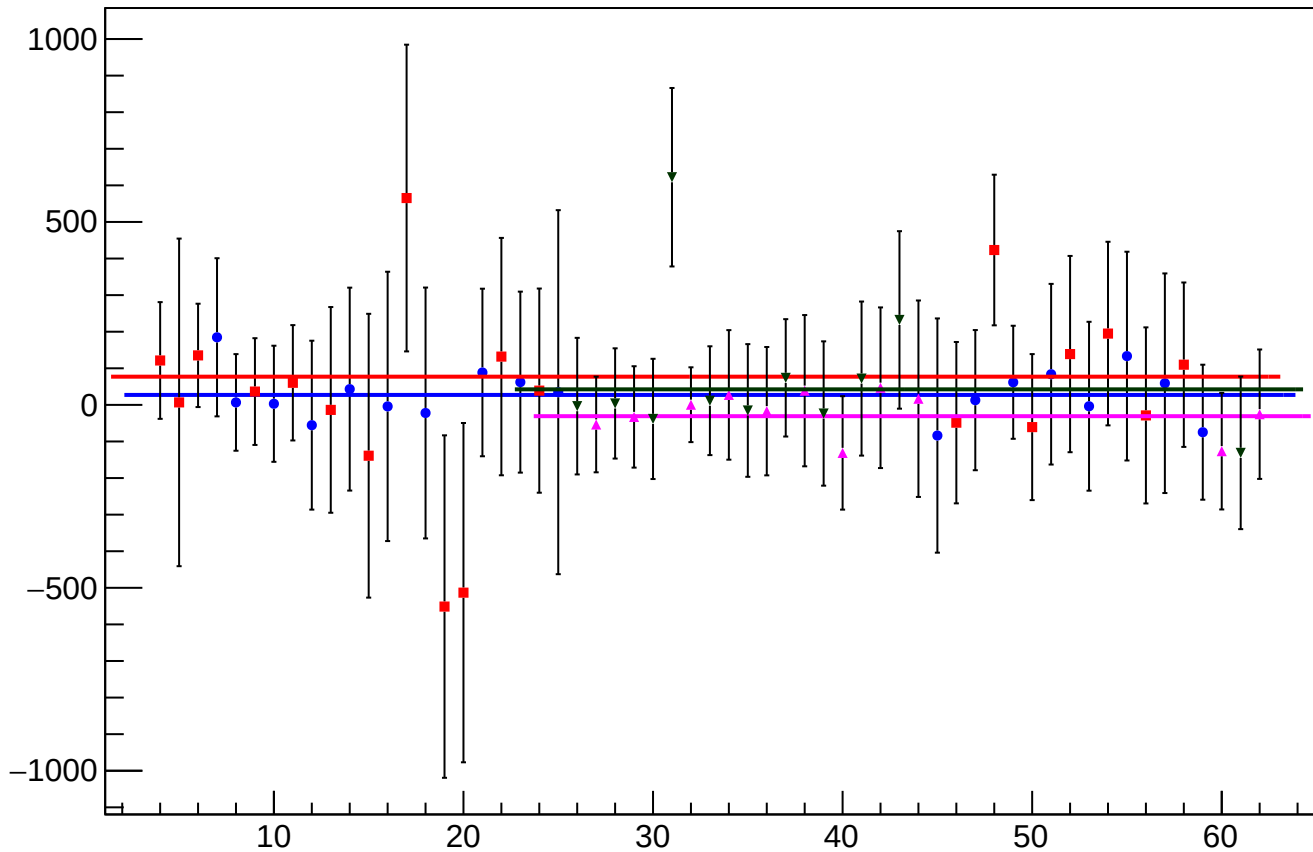
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 16.030+/-0.005 χ^2/NDF :165912.2/10

13.091+/-0.003 χ^2/NDF : 6667794.5/28

12.865+/-0.003 χ^2/NDF : 7515067.4/29

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: 42.467+/-55.102 χ^2/NDF : 7.6/10

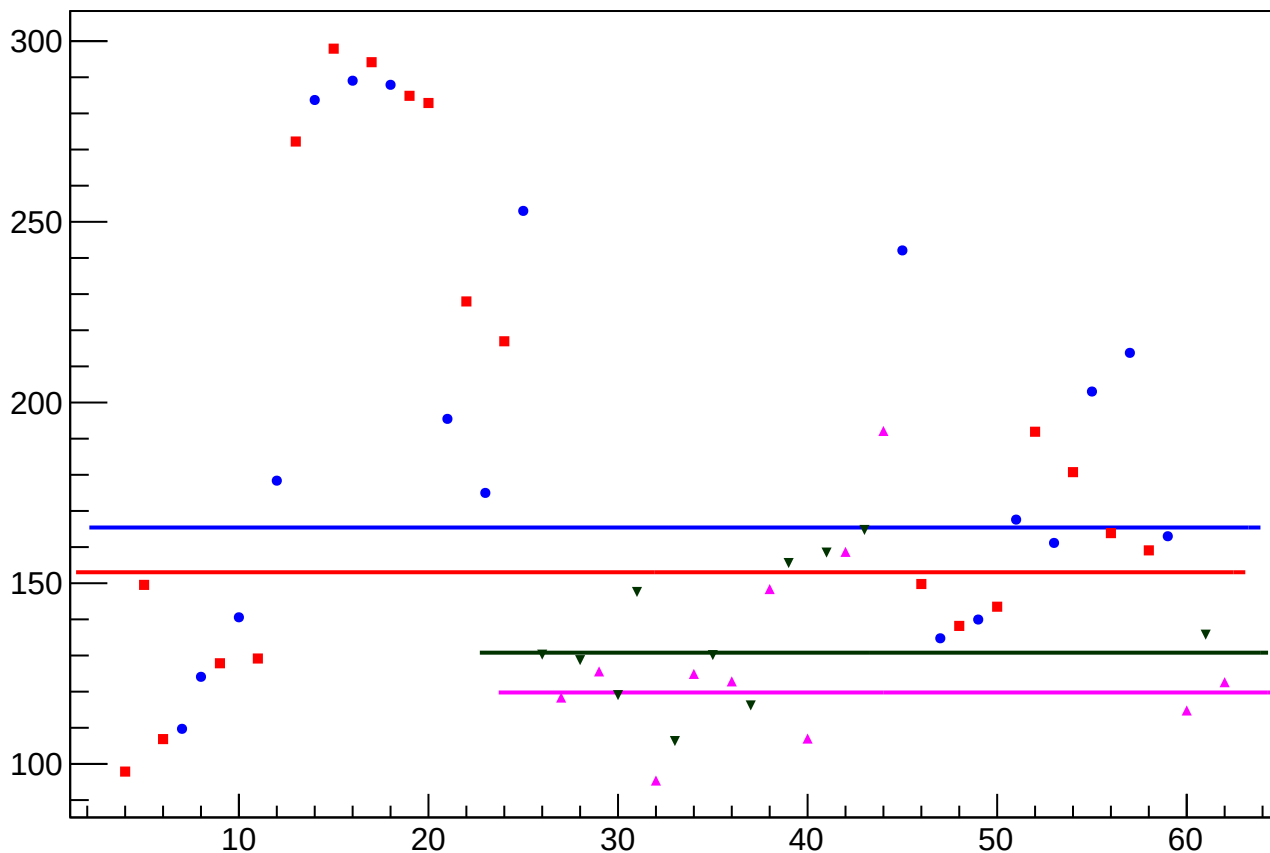
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -30.870+/-47.583 χ^2/NDF : 1.3/10

34.378+/-37.748 χ^2/NDF : 9.2/28

18.665+/-35.007 χ^2/NDF : 13.4/29

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: 130.786 $\pm$ 0.039 χ^2 /NDF:197356.9/10

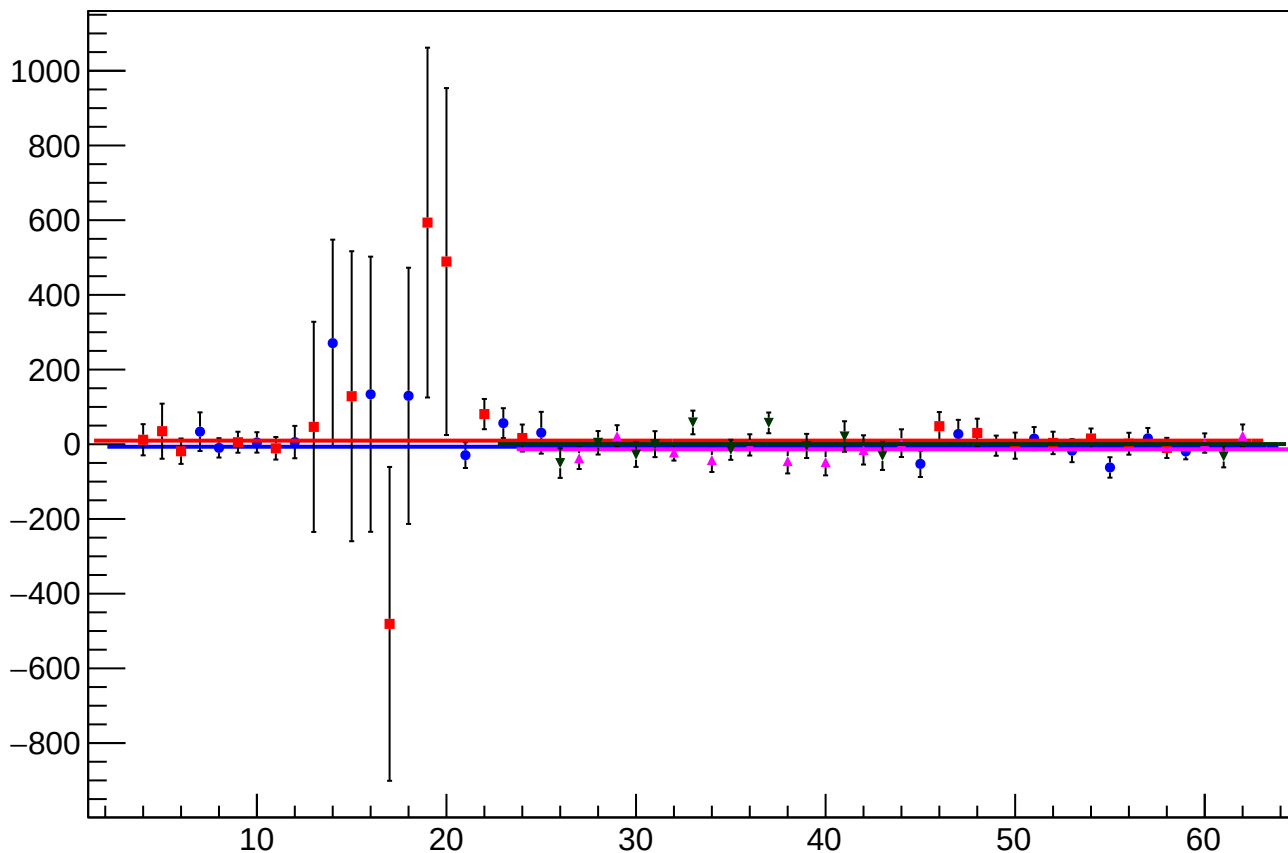
149.166 $\pm$ 0.027 χ^2 /NDF: 2253066.2/28

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

135.031 $\pm$ 0.025 χ^2 /NDF: 2868482.0/29

Left In: 119.769 $\pm$ 0.034 χ^2 /NDF:382088.1/10

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: 0.560+/-9.749 χ^2 /NDF:12.5/10

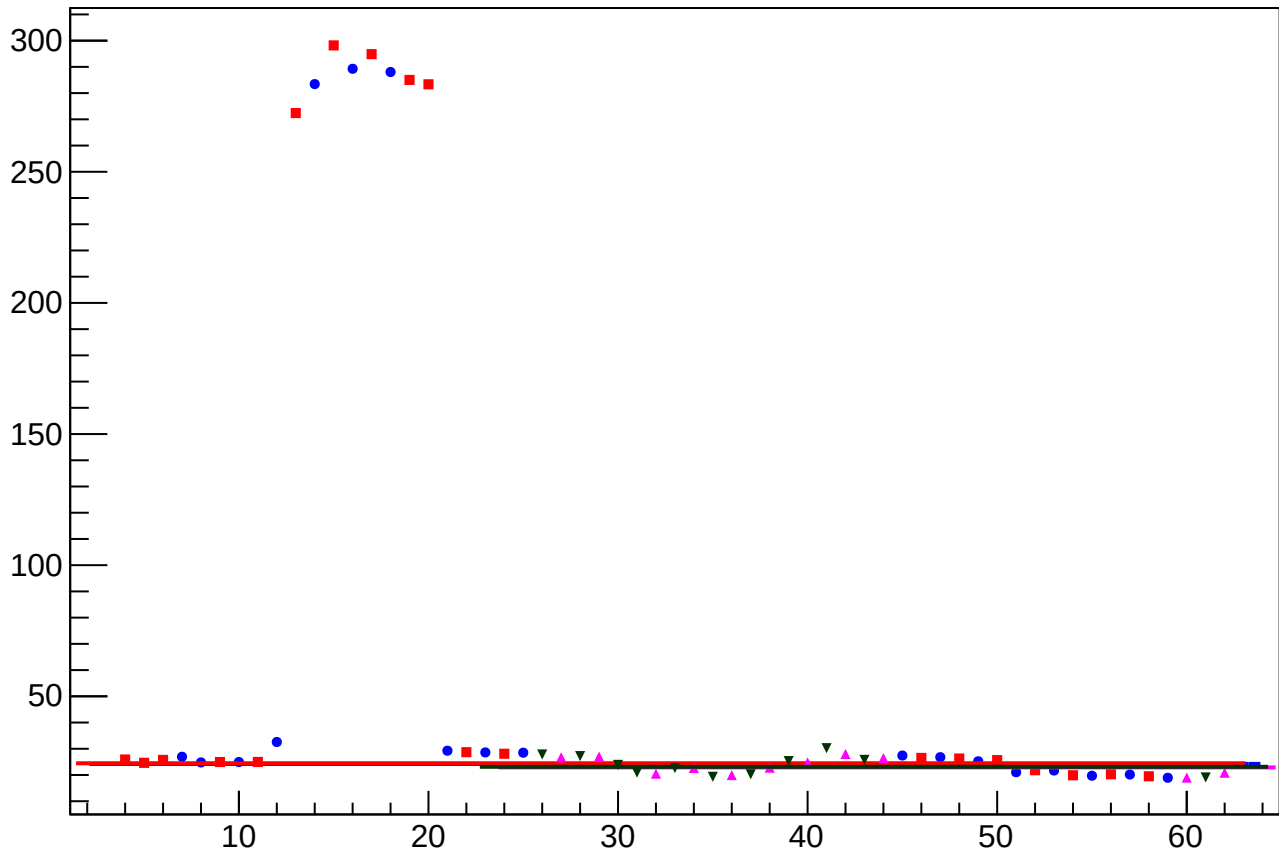
Right Out: 9.755+/-8.898 χ^2 /NDF: 10.7/18

Left In: -13.369+/-9.015 χ^2 /NDF:7.1/10

-3.673+/-6.214 χ^2 /NDF: 26.6/28

-1.657+/-6.333 χ^2 /NDF: 21.1/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 24.225 $\pm$ 0.006 χ^2 /NDF: 4413051.2/17

Left Out: 23.121 $\pm$ 0.007 χ^2 /NDF: 250741.7/10

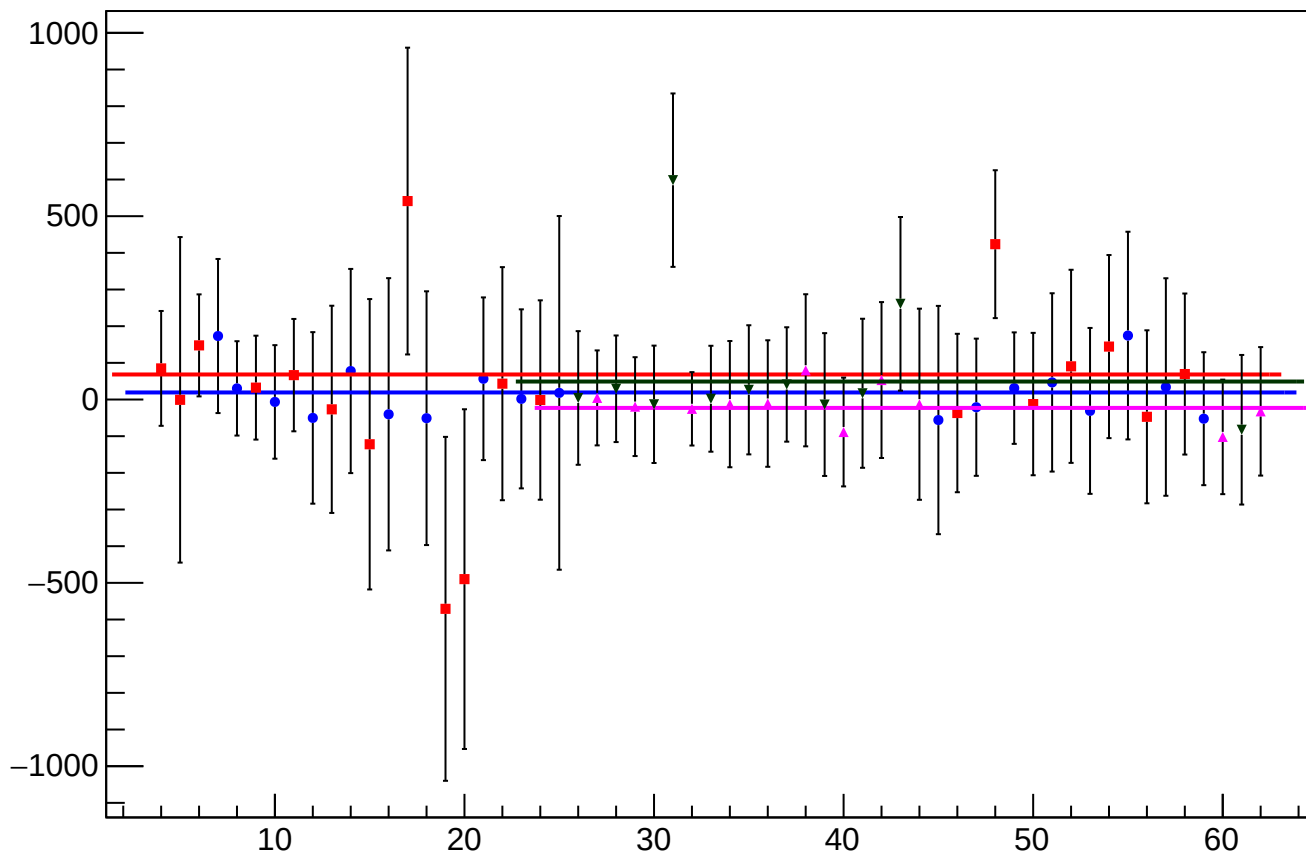
Right Out: 24.466 $\pm$ 0.006 χ^2 /NDF: 4859985.2/18

Left In: 22.889 $\pm$ 0.006 χ^2 /NDF: 232557.0/10

23.777 $\pm$ 0.004 χ^2 /NDF: 4679028.7/28

23.688 $\pm$ 0.004 χ^2 /NDF: 5123537.8/29

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: 49.056+/-53.600 χ^2/NDF : 7.1/10

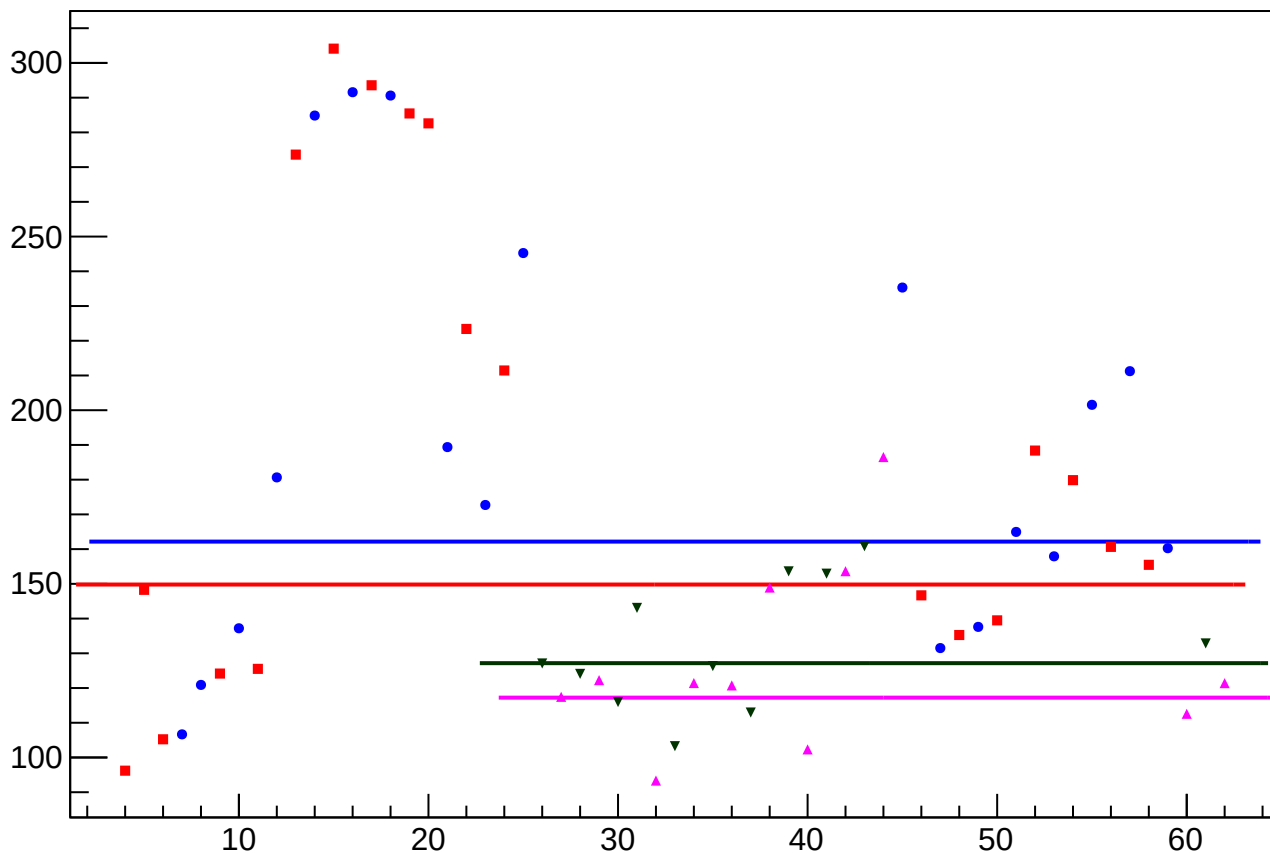
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -22.881+/-46.577 χ^2/NDF : 0.9/10

33.394+/-36.914 χ^2/NDF : 8.7/28

18.847+/-34.303 χ^2/NDF : 11.9/29

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: 127.162 $\pm$ 0.038 χ^2 /NDF: 202180.3/10

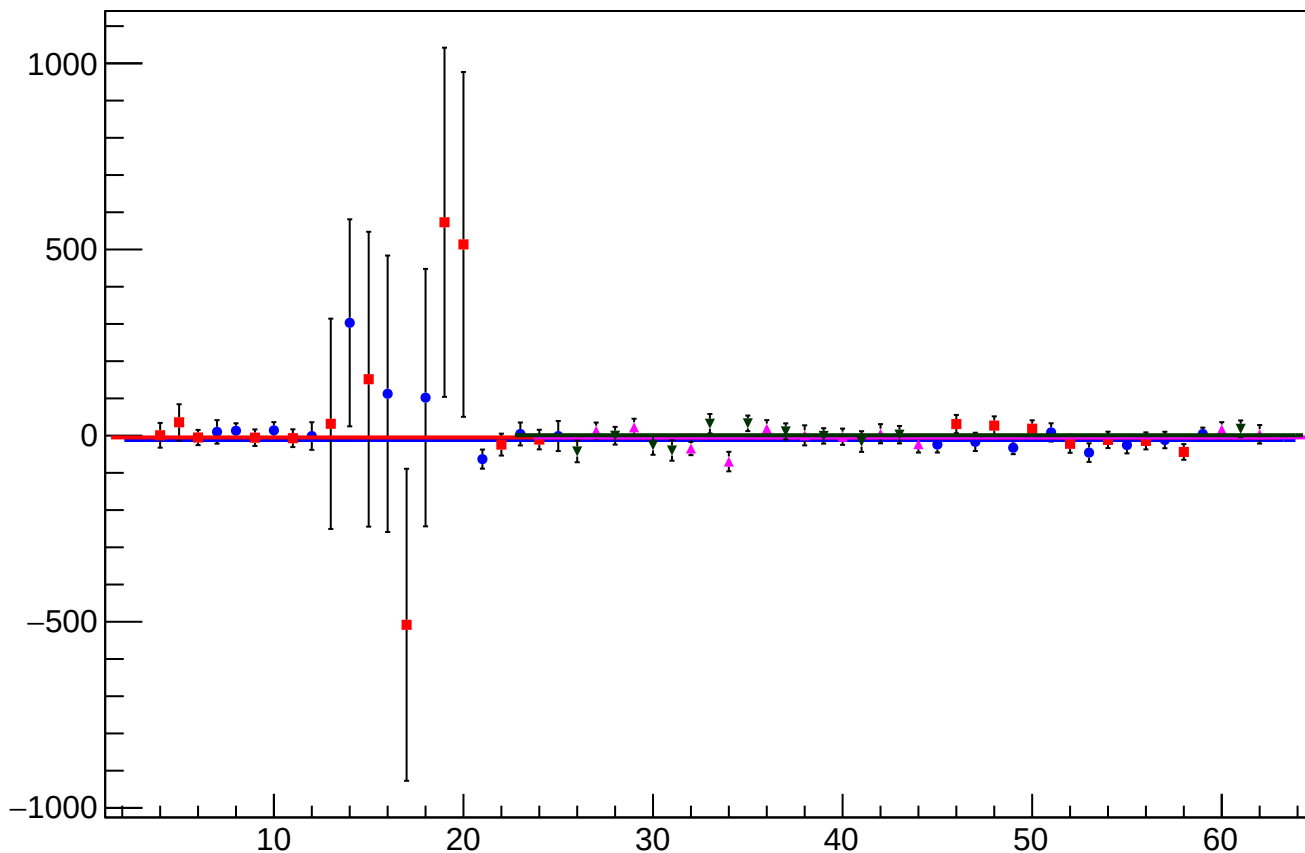
145.564 $\pm$ 0.026 χ^2 /NDF: 2371195.8/28

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

132.136 $\pm$ 0.024 χ^2 /NDF: 2950622.7/29

Left In: 117.231 $\pm$ 0.033 χ^2 /NDF: 388450.5/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -11.713 ± 6.036 χ^2/NDF : 15.0/17

Left Out: 1.097 ± 7.231 χ^2/NDF : 10.5/10

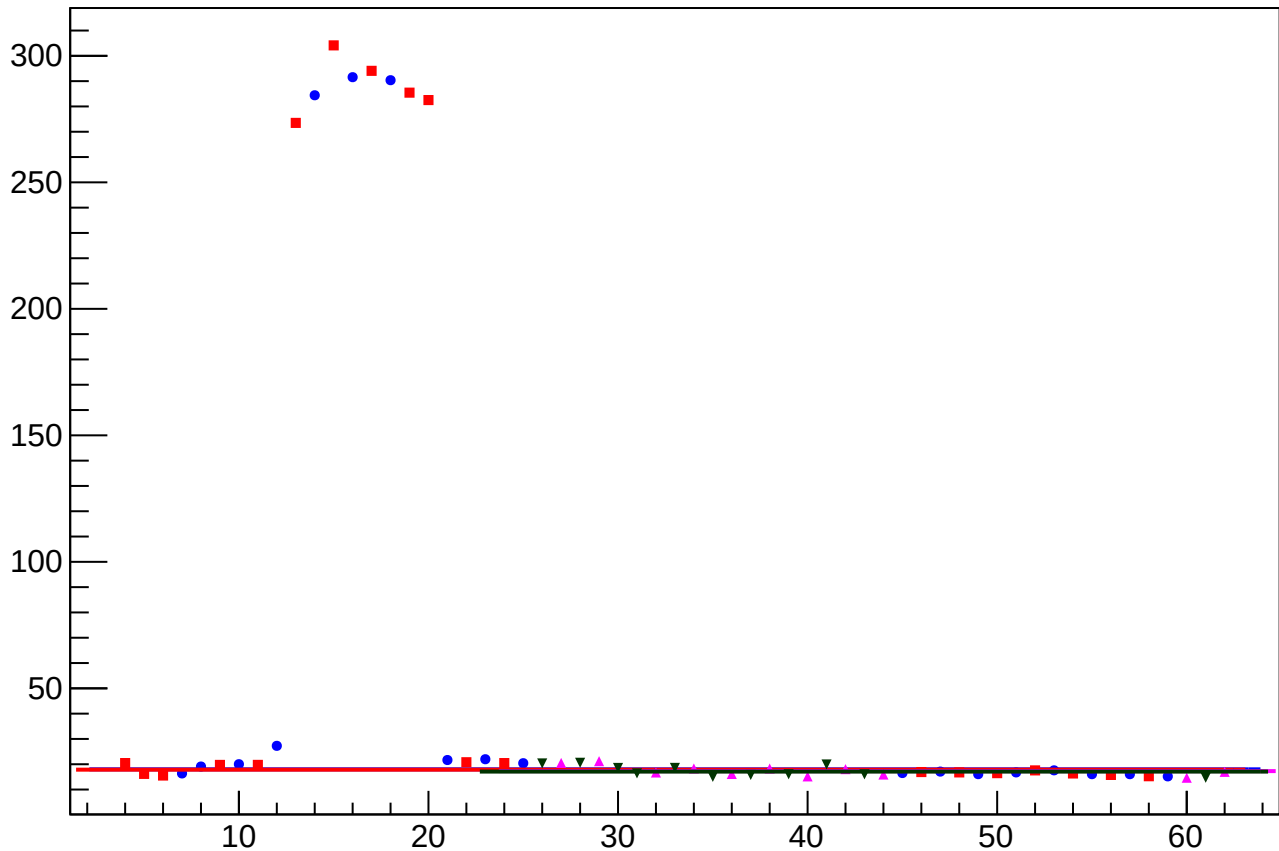
Right Out: -4.846 ± 6.550 χ^2/NDF : 14.7/18

Left In: -4.778 ± 6.831 χ^2/NDF : 14.0/10

-6.453 ± 4.634 χ^2/NDF : 27.4/28

-4.813 ± 4.728 χ^2/NDF : 28.6/29

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: 17.099+/-0.005 χ^2/NDF : 162571.2/10

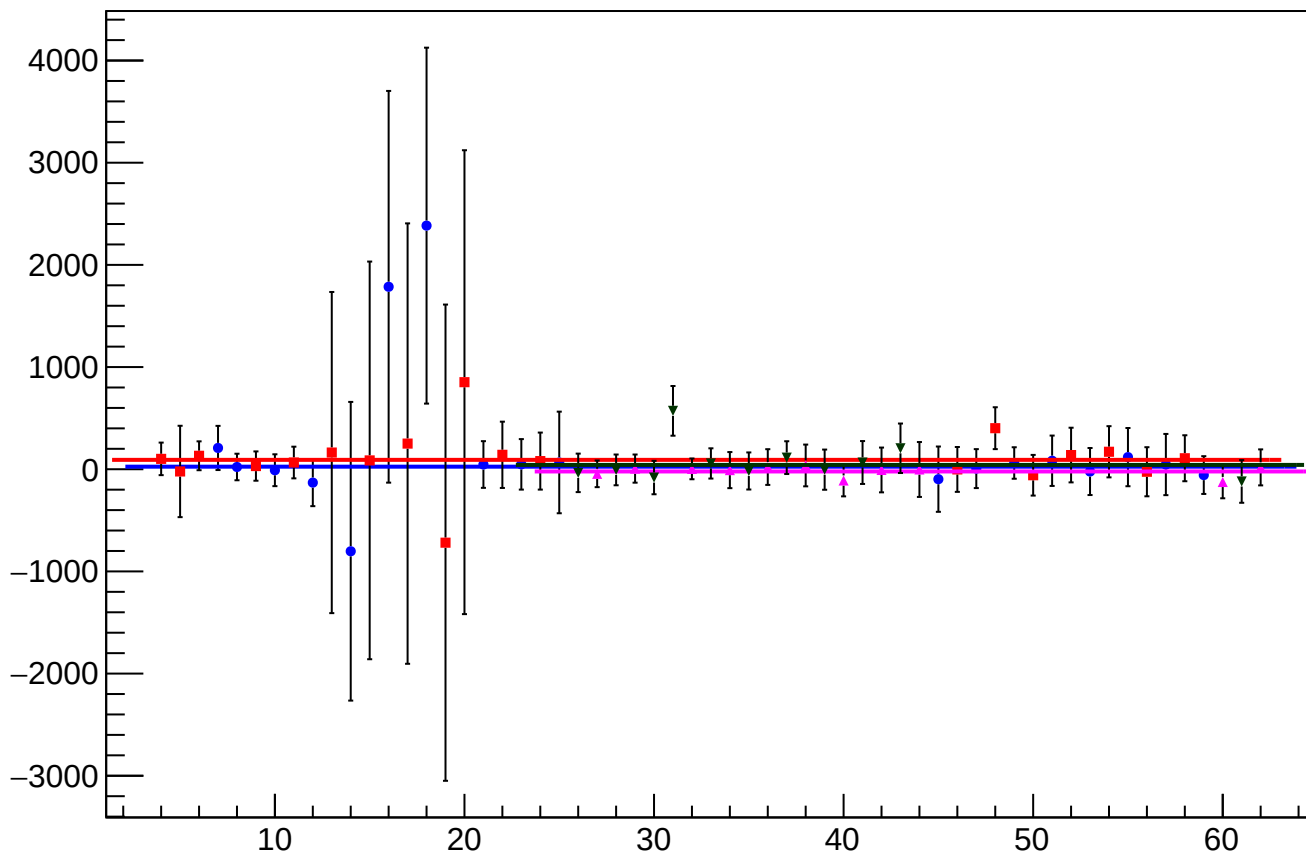
Right Out: 17.855+/-0.005 χ^2/NDF : 5034119.1/18

Left In: 17.287+/-0.005 χ^2/NDF : 174417.5/10

17.623+/-0.003 χ^2/NDF : 4705571.1/28

17.583+/-0.003 χ^2/NDF : 5215727.7/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 25.115 $\pm$ 53.539 χ^2 /NDF: 4.9/17

Left Out: 42.327 $\pm$ 55.041 χ^2 /NDF: 7.0/10

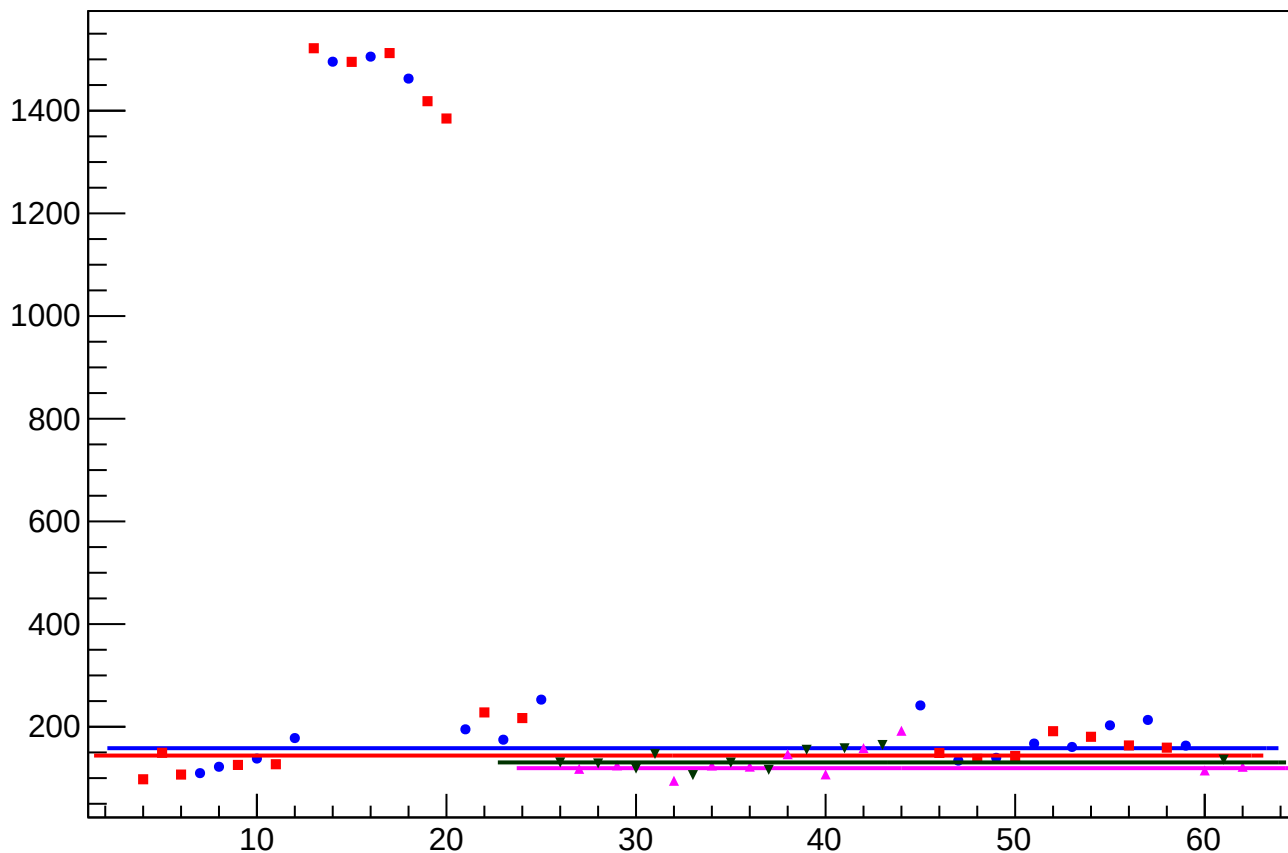
Right Out: 91.771 $\pm$ 53.823 χ^2 /NDF: 4.0/18

Left In: -21.823 $\pm$ 47.429 χ^2 /NDF: 1.1/10

33.483 $\pm$ 38.378 χ^2 /NDF: 11.9/28

27.829 $\pm$ 35.584 χ^2 /NDF: 7.6/29

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: 130.549 $\pm$ 0.039 χ^2 /NDF: 198571.0/10

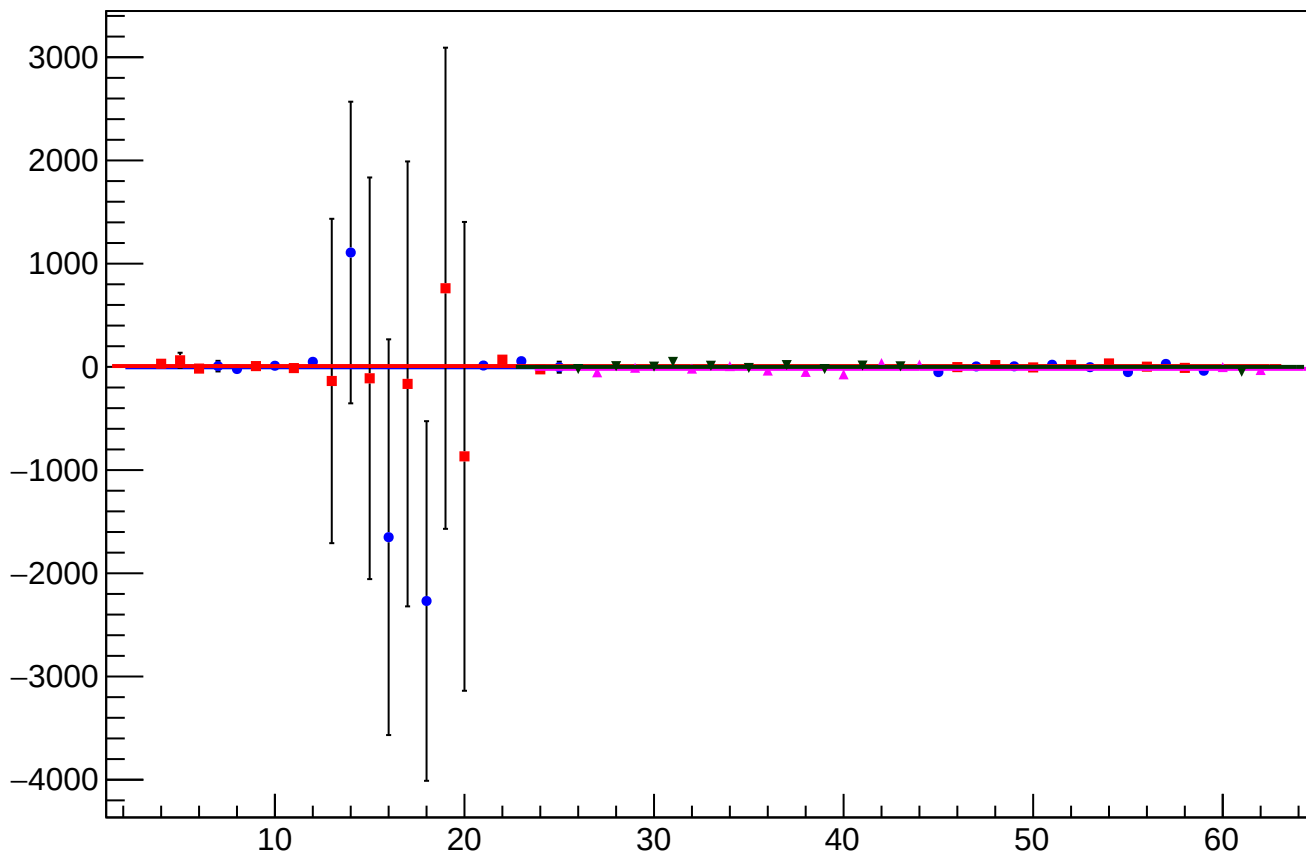
Right Out: 143.939 $\pm$ 0.038 χ^2 /NDF: 5267987.5/18

Left In: 119.367 $\pm$ 0.034 χ^2 /NDF: 382739.6/10

144.796 $\pm$ 0.027 χ^2 /NDF: 4998349.9/28

130.108 $\pm$ 0.025 χ^2 /NDF: 5885364.1/29

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: -0.209+/-9.277 χ^2/NDF : 6.6/10

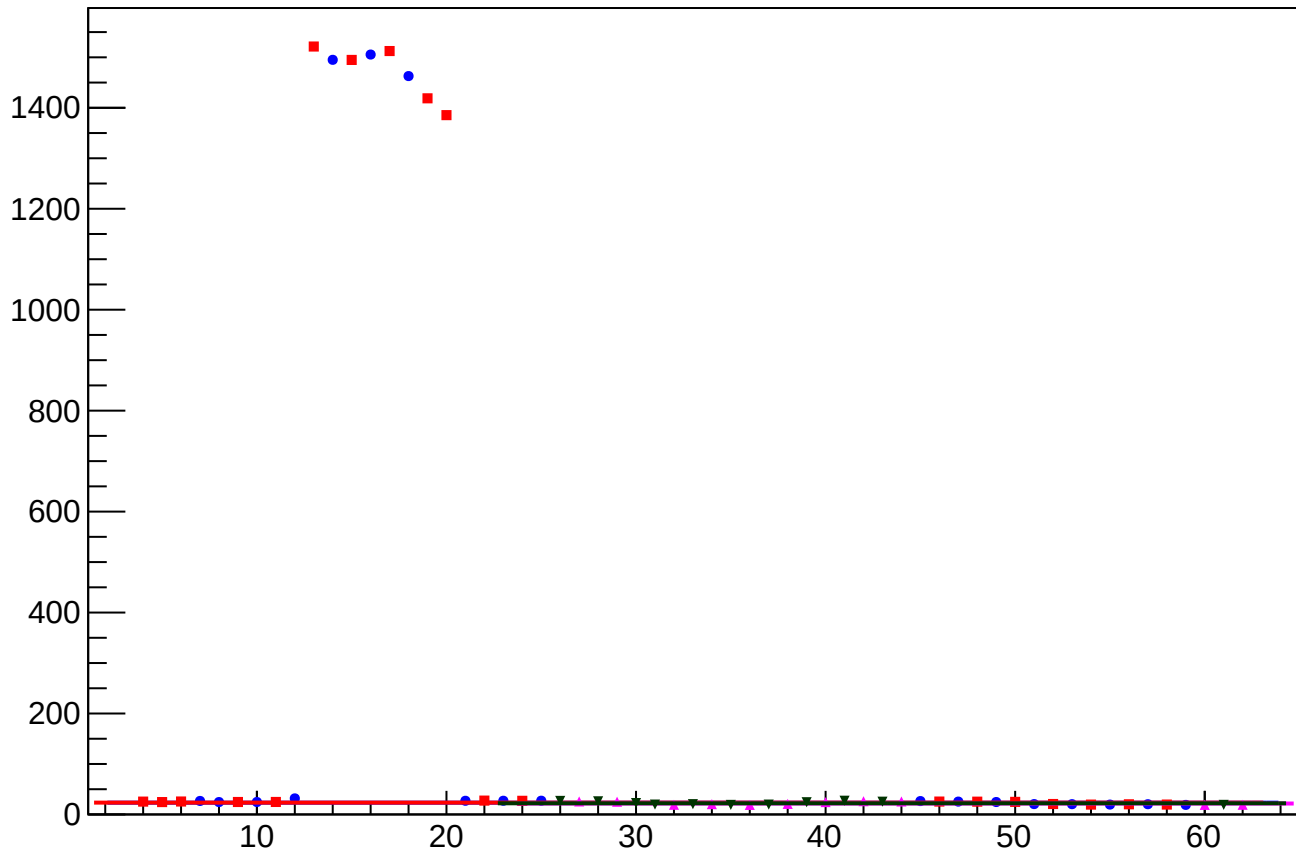
Right Out: 7.973+/-8.718 χ^2/NDF : 7.3/18

Left In: -19.364+/-8.477 χ^2/NDF : 10.4/10

-2.453+/-6.004 χ^2/NDF : 24.3/28

-6.079+/-6.078 χ^2/NDF : 22.8/29

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: 22.116+/-0.007 χ^2/NDF : 218234.9/10

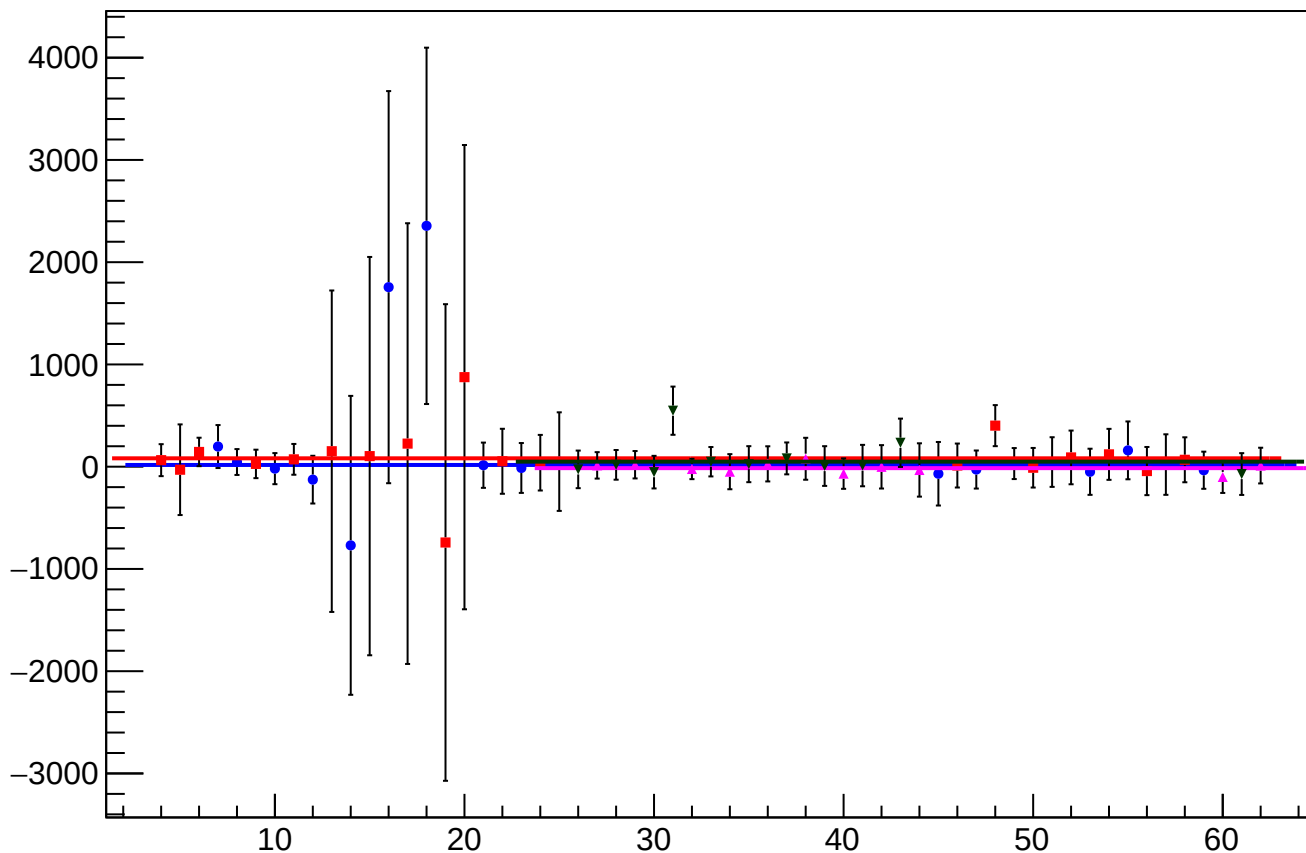
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 21.653+/-0.006 χ^2/NDF : 239540.1/10

22.825+/-0.004 χ^2/NDF : 5203577.7/28

22.524+/-0.004 χ^2/NDF : 5844538.3/29

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: 49.340+/-53.534 χ^2/NDF : 6.2/10

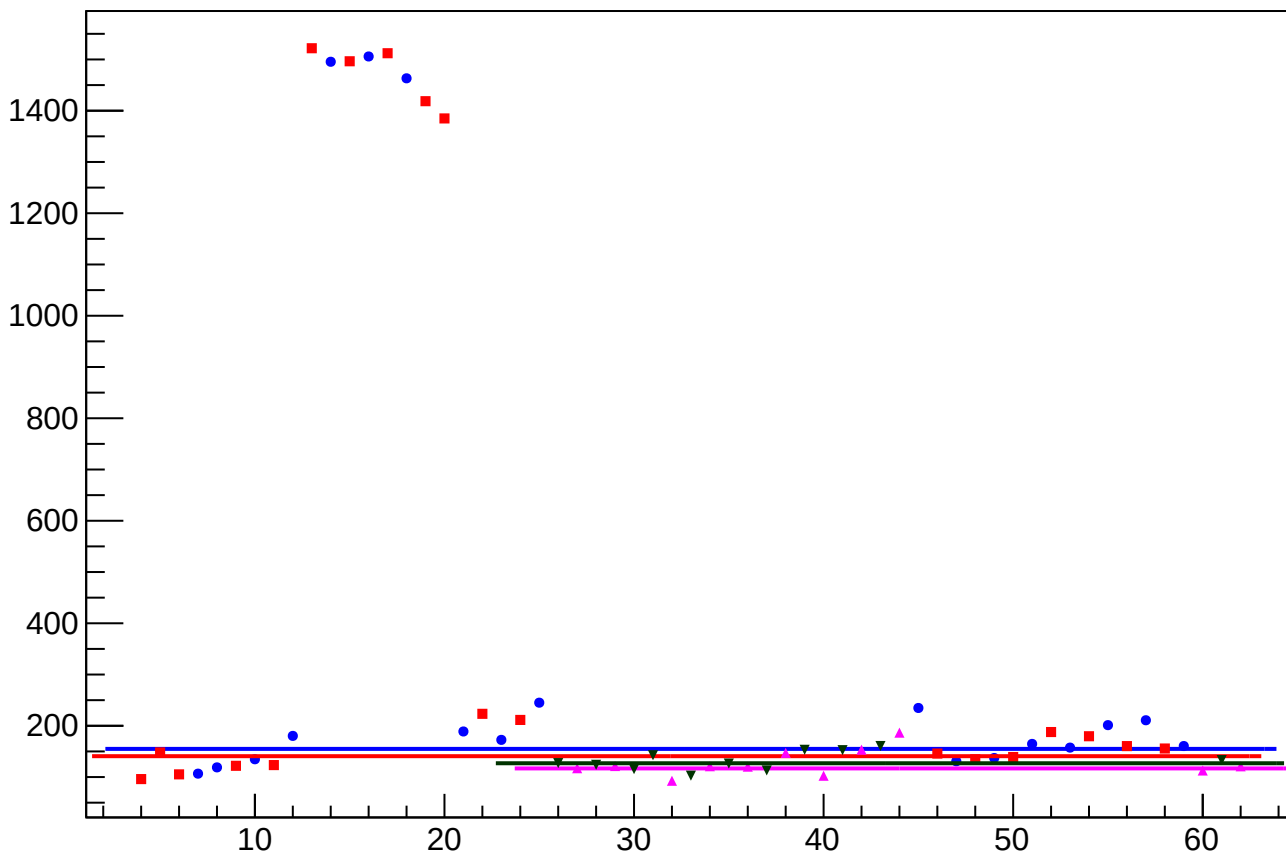
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -14.239+/-46.422 χ^2/NDF : 0.9/10

32.819+/-37.479 χ^2/NDF : 11.1/28

27.799+/-34.825 χ^2/NDF : 6.7/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 154.947+/-0.037 χ^2/NDF : 4580594.9/17

Left Out: 126.915+/-0.038 χ^2/NDF : 203581.6/10

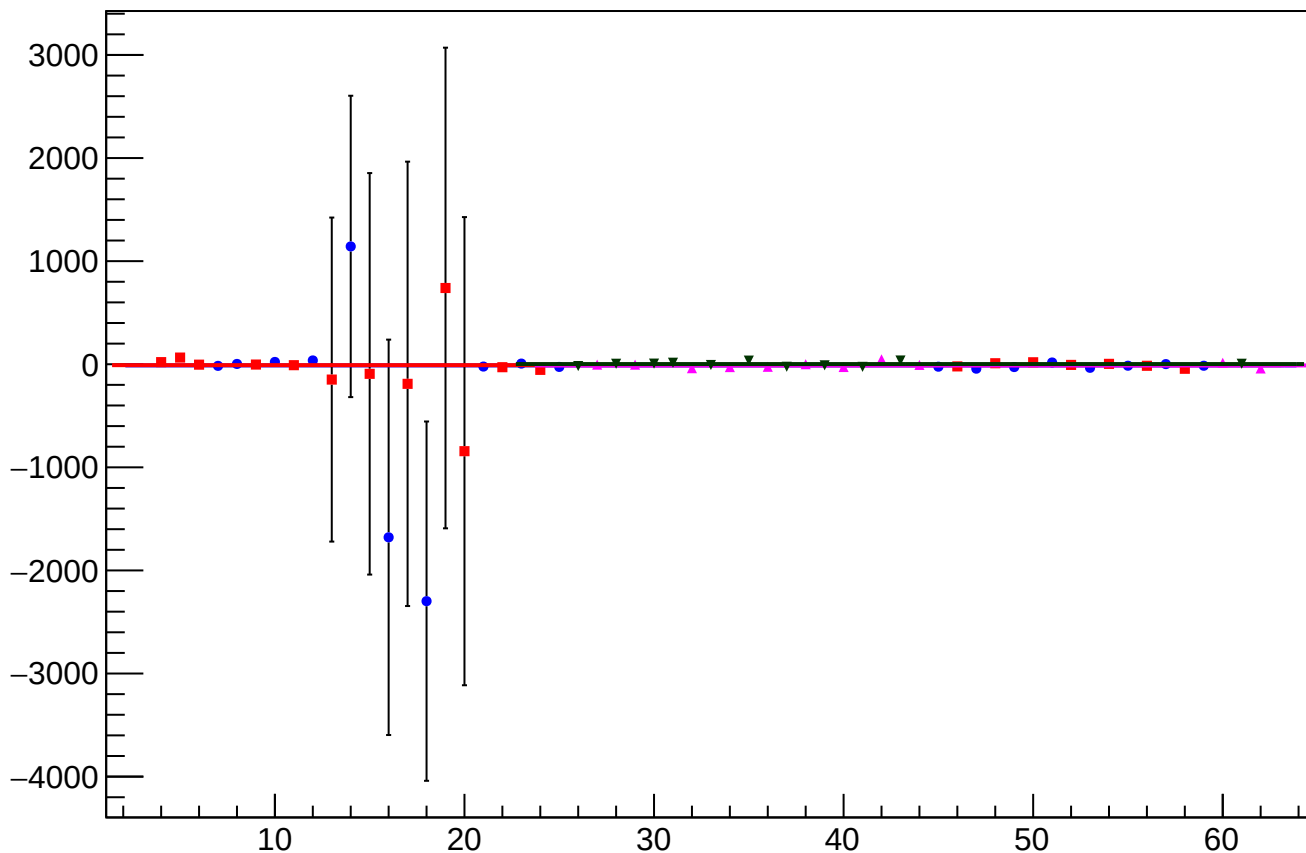
Right Out: 140.710+/-0.037 χ^2/NDF : 5291988.7/18

Left In: 116.829+/-0.033 χ^2/NDF : 388986.0/10

141.207+/-0.027 χ^2/NDF : 5063792.5/28

127.270+/-0.025 χ^2/NDF : 5912391.6/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -11.332 ± 5.773 χ^2/NDF : 15.0/17

Left Out: 1.706 ± 6.725 χ^2/NDF : 9.5/10

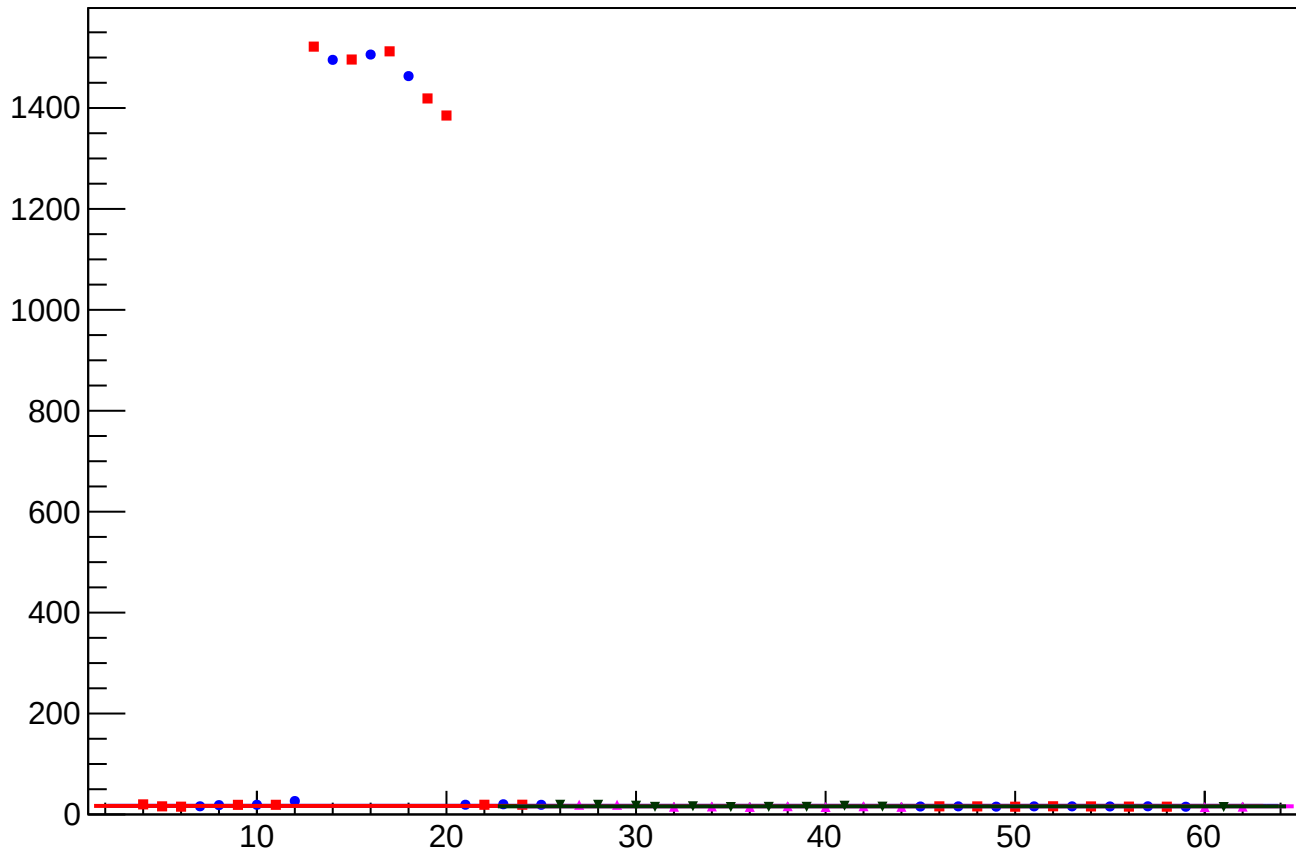
Right Out: -8.864 ± 6.293 χ^2/NDF : 13.3/18

Left In: -11.658 ± 6.301 χ^2/NDF : 14.8/10

-5.800 ± 4.381 χ^2/NDF : 26.6/28

-10.259 ± 4.453 χ^2/NDF : 28.3/29

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: 16.079 $\pm$ 0.005 χ^2 /NDF:106190.9/10

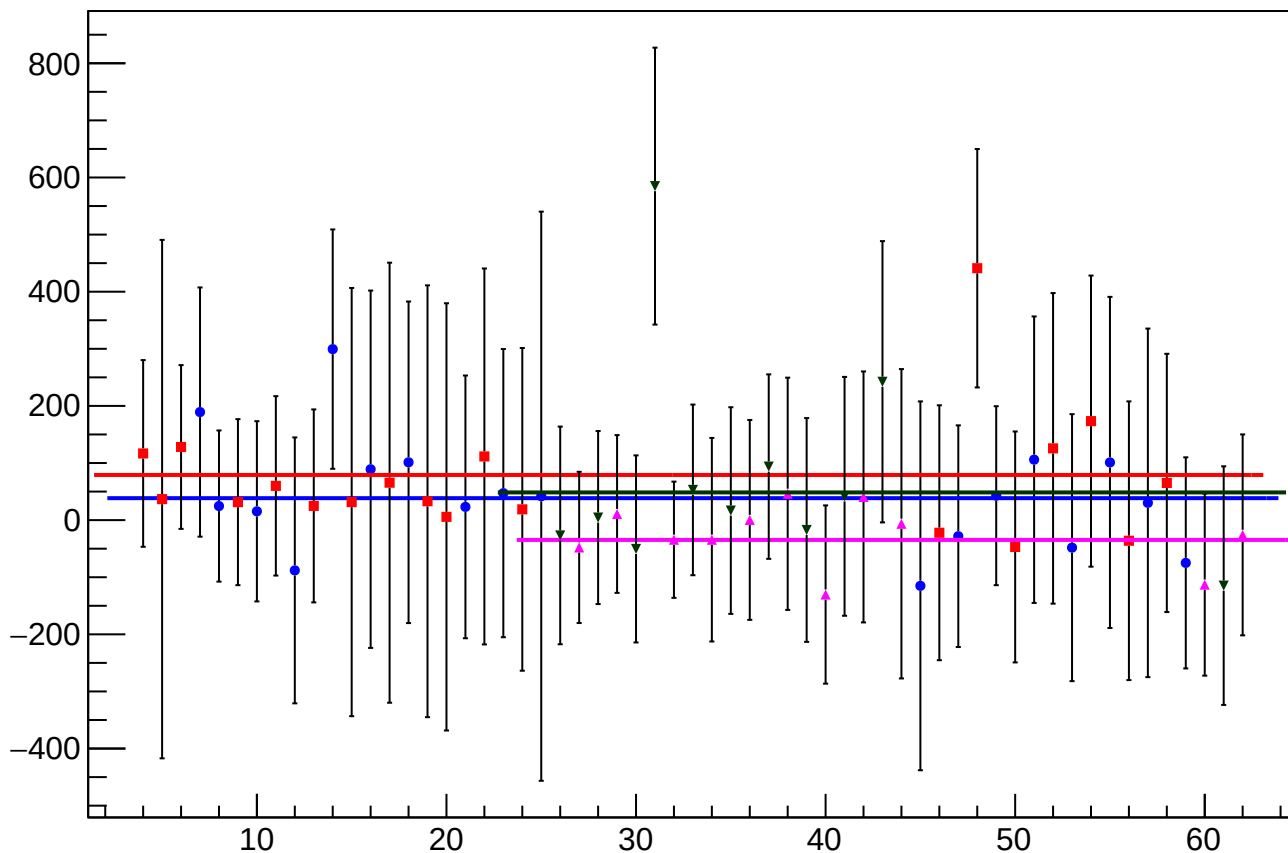
Right Out: 16.920 $\pm$ 0.004 χ^2 /NDF: 5539958.1/18

Left In: 16.152 $\pm$ 0.004 χ^2 /NDF:118194.2/10

16.663 $\pm$ 0.003 χ^2 /NDF: 5054446.2/28

16.537 $\pm$ 0.003 χ^2 /NDF: 5672992.2/29

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: 48.494+/-55.269 χ^2/NDF : 7.0/10

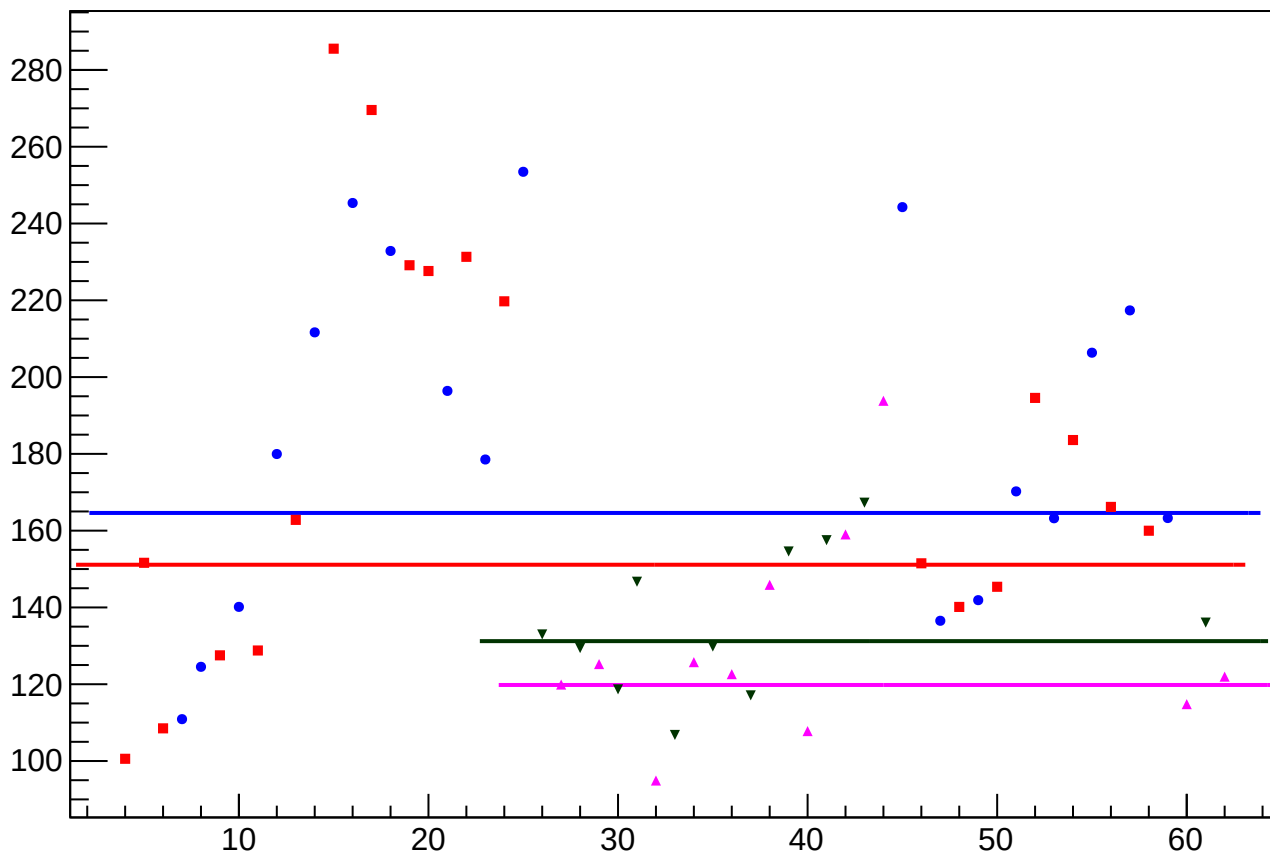
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -34.666+/-47.600 χ^2/NDF : 1.1/10

43.073+/-37.497 χ^2/NDF : 10.4/28

19.146+/-34.552 χ^2/NDF : 8.3/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 131.224 $\pm$ 0.039 χ^2/NDF : 193250.0/10

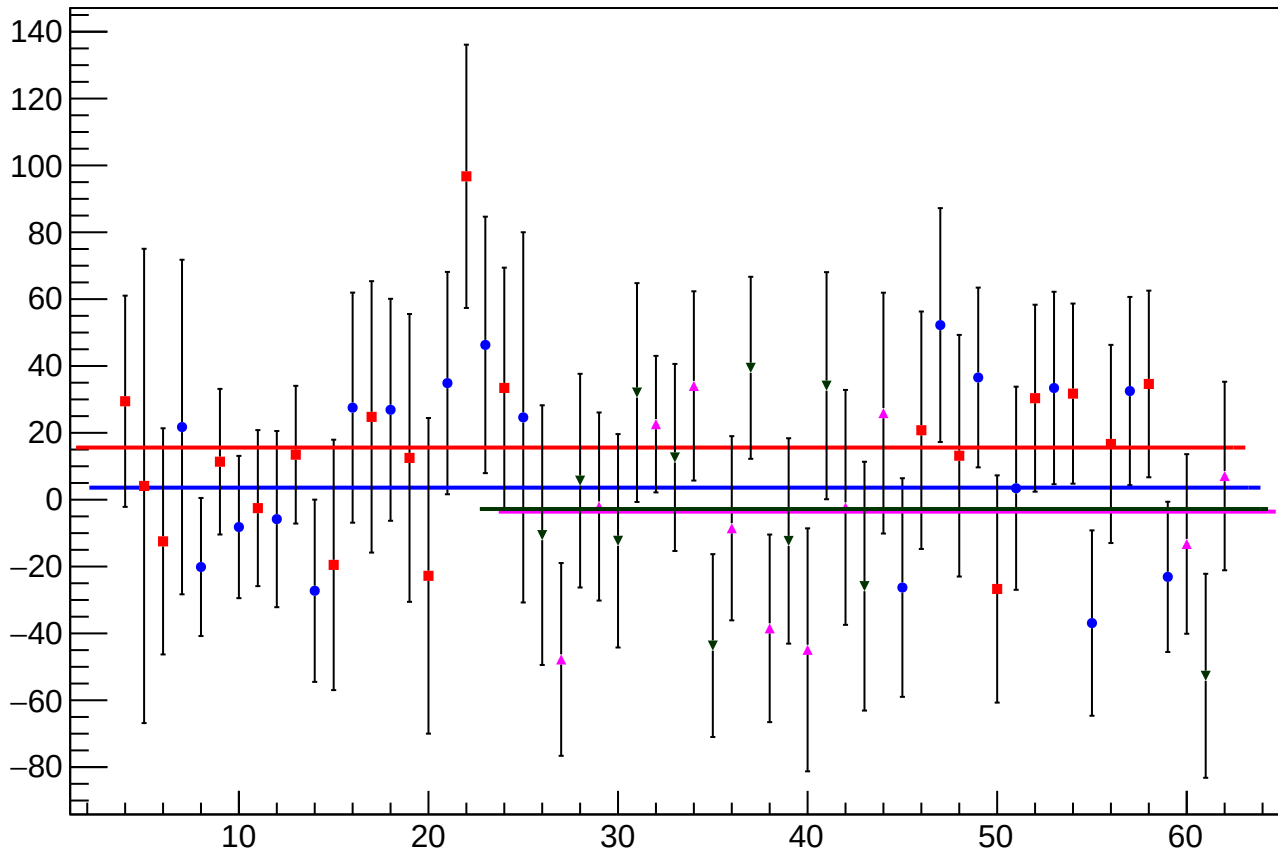
Right Out: 151.124 $\pm$ 0.036 χ^2/NDF : 1423423.3/18

Left In: 119.806 $\pm$ 0.034 χ^2/NDF : 385605.8/10

149.244 $\pm$ 0.027 χ^2/NDF : 1715728.7/28

134.622 $\pm$ 0.024 χ^2/NDF : 2218633.5/29

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: -2.790 ± 9.432 $\chi^2/\text{NDF}: 10.6/10$

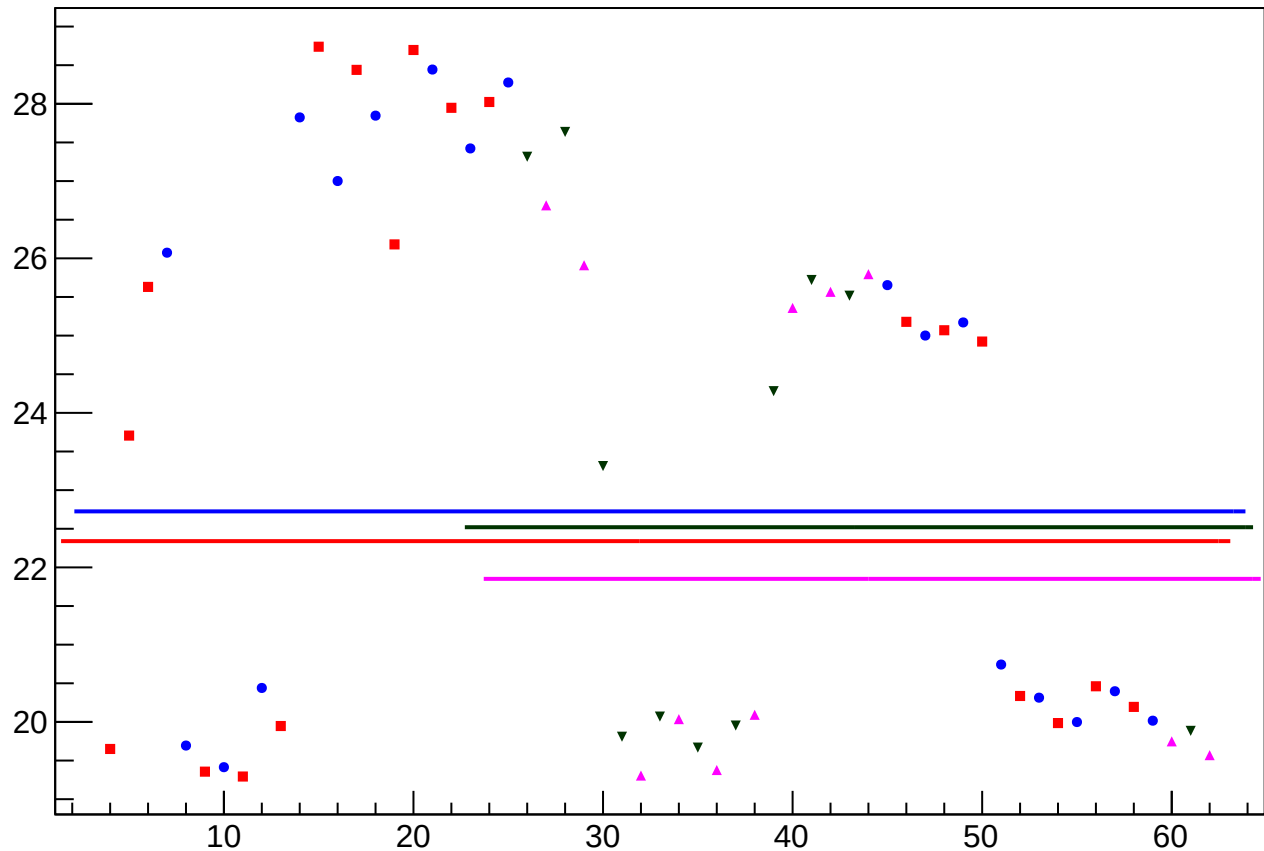
Right Out: 15.596 ± 7.143 $\chi^2/\text{NDF}: 10.3/18$

Left In: -3.574 ± 8.550 $\chi^2/\text{NDF}: 9.6/10$

1.401 ± 5.538 $\chi^2/\text{NDF}: 27.3/28$

7.716 ± 5.482 $\chi^2/\text{NDF}: 22.9/29$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 22.520+/-0.007 χ^2/NDF : 203751.5/10

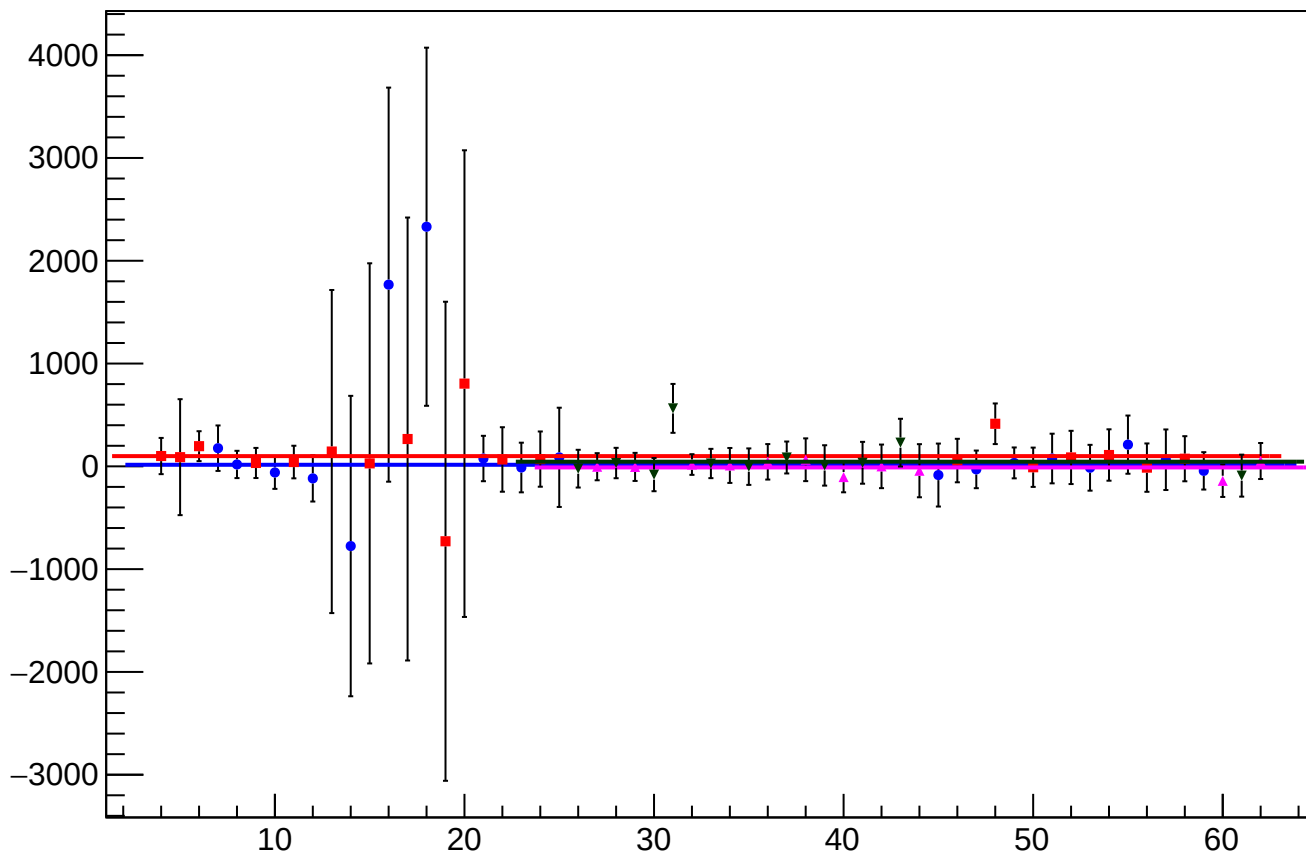
22.654+/-0.004 χ^2/NDF : 703145.3/28

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

22.139+/-0.004 χ^2/NDF : 715294.7/29

Left In: 21.852+/-0.006 χ^2/NDF : 251444.0/10

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: 45.318 $\pm$ 53.717 χ^2 /NDF: 6.8/10

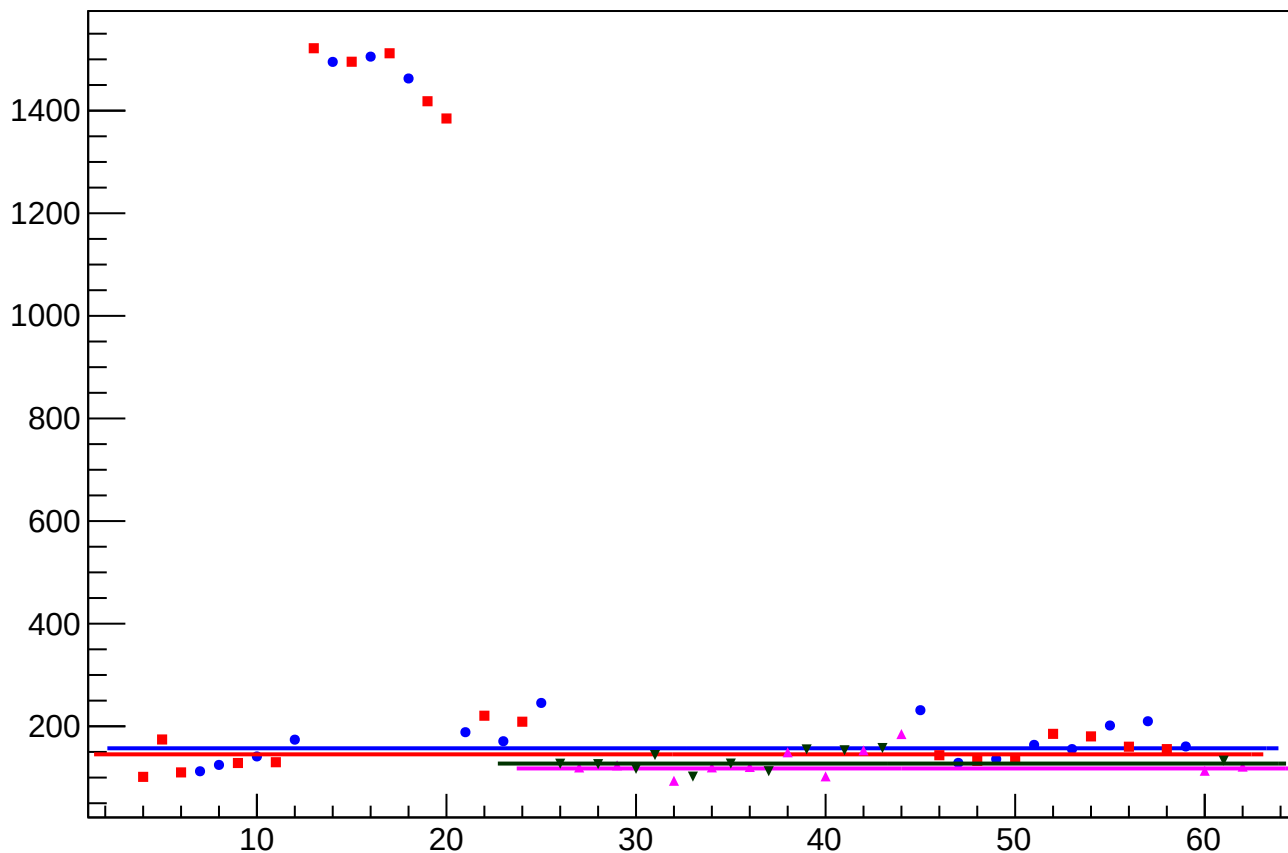
Right Out: 99.514 $\pm$ 54.286 χ^2 /NDF: 4.2/18

Left In: -10.634 $\pm$ 46.773 χ^2 /NDF: 1.6/10

30.061 $\pm$ 37.734 χ^2 /NDF: 11.9/28

36.296 $\pm$ 35.434 χ^2 /NDF: 8.1/29

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: 127.320+/-0.038 χ^2/NDF : 207764.2/10

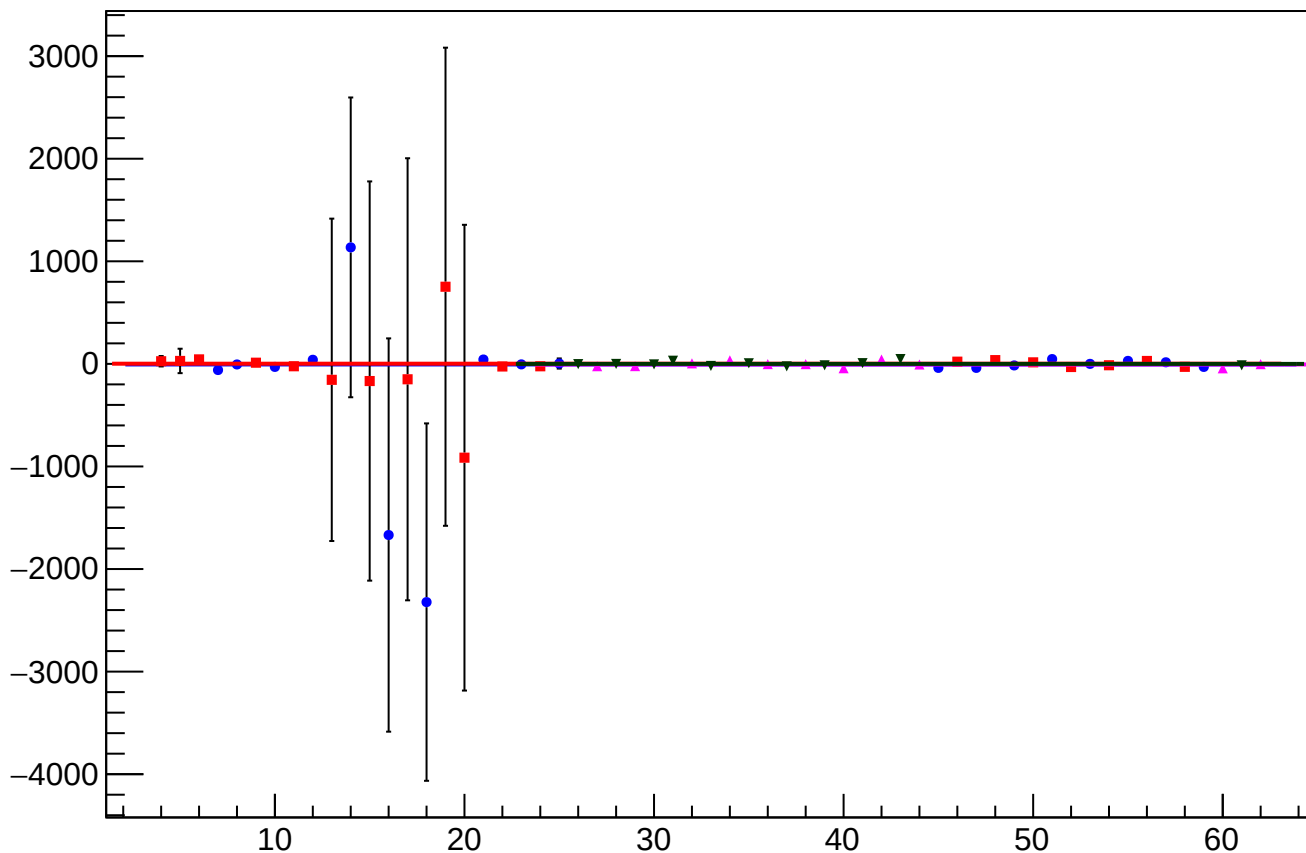
Right Out: 145.299+/-0.038 χ^2/NDF : 5124139.9/18

Left In: 117.781+/-0.033 χ^2/NDF : 379428.4/10

142.399+/-0.027 χ^2/NDF : 4975663.5/28

129.506+/-0.025 χ^2/NDF : 5798528.0/29

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: -0.262+/-8.813 χ^2 /NDF:5.5/10

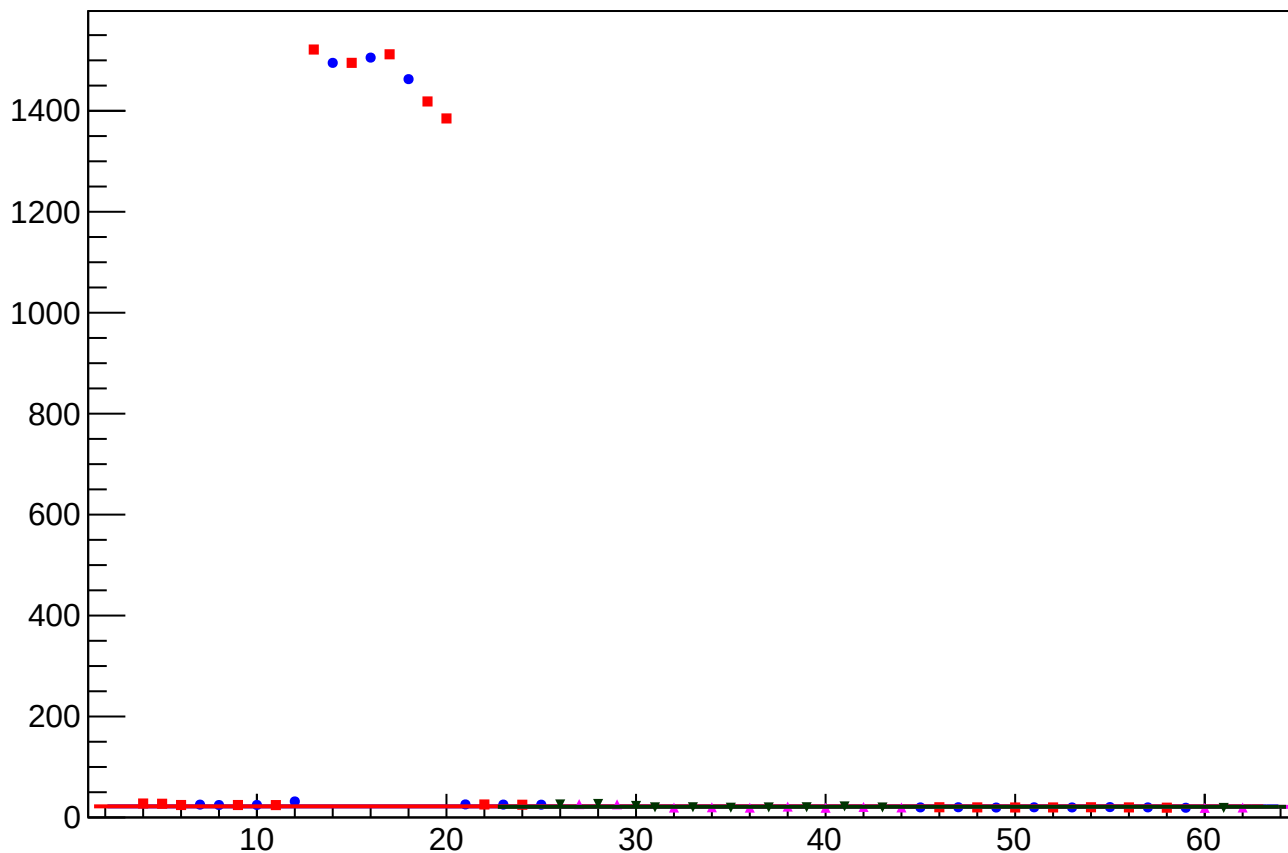
Right Out: 1.722+/-8.261 χ^2 /NDF: 10.4/18

Left In: -5.870+/-8.177 χ^2 /NDF:9.6/10

-3.433+/-5.663 χ^2 /NDF: 24.5/28

-2.113+/-5.812 χ^2 /NDF: 20.4/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 21.065 $\pm$ 0.006 χ^2 /NDF:142264.8/10

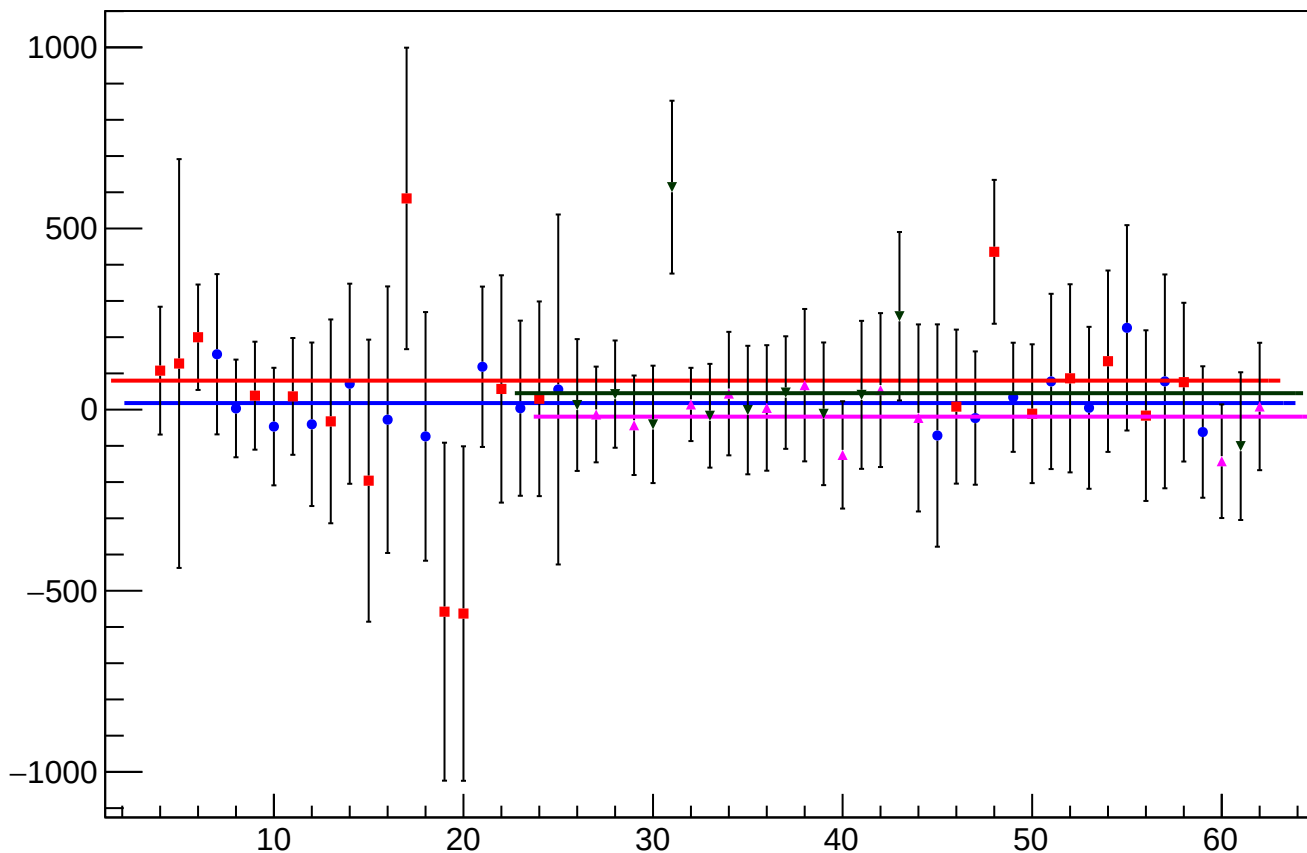
Right Out: 21.987 $\pm$ 0.006 χ^2 /NDF: 5559967.3/18

Left In: 20.949 $\pm$ 0.006 χ^2 /NDF:177661.6/10

21.566 $\pm$ 0.004 χ^2 /NDF: 5085008.8/28

21.463 $\pm$ 0.004 χ^2 /NDF: 5753572.4/29

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: 45.383+/-53.779 χ^2/NDF : 7.7/10

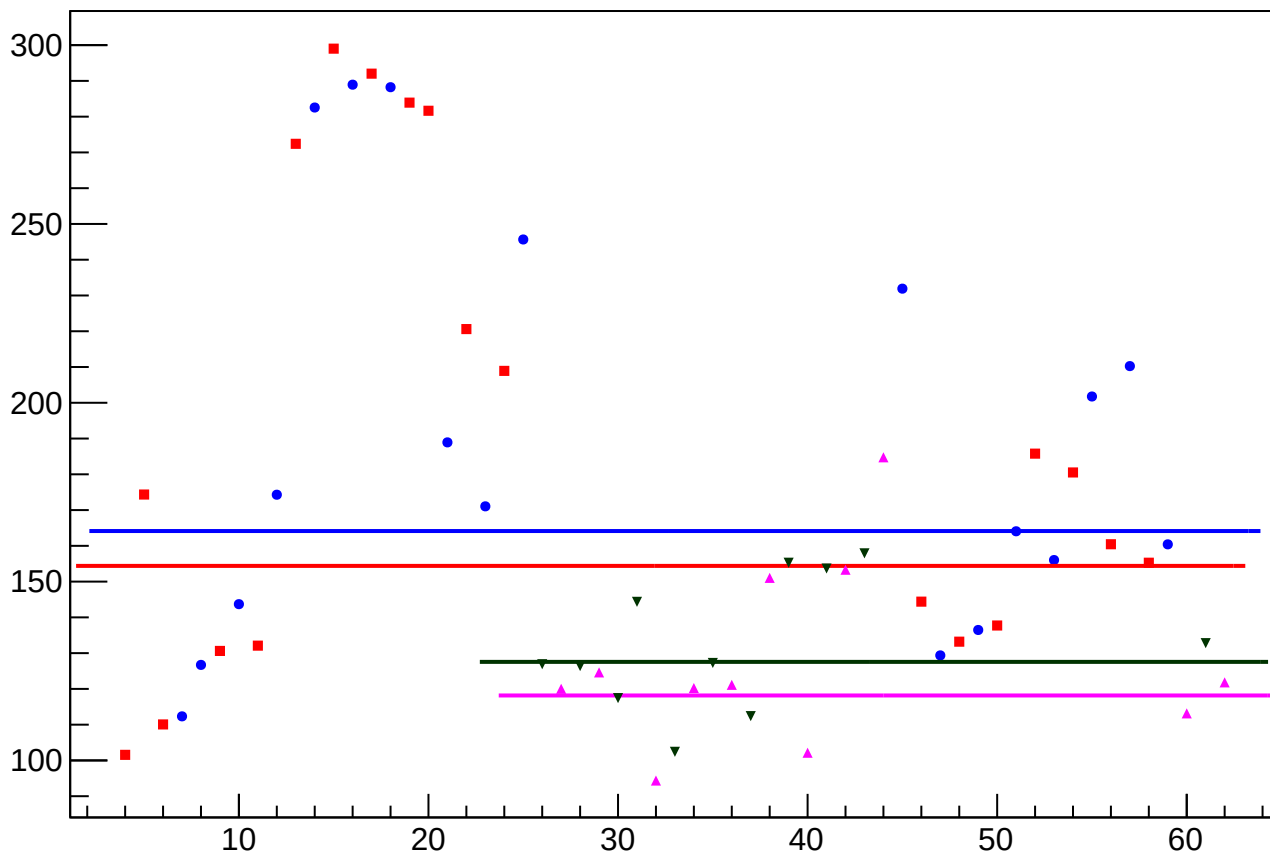
Right Out: 80.043+/-52.081 χ^2/NDF : 10.6/18

Left In: -19.395+/-46.922 χ^2/NDF : 1.7/10

31.110+/-37.132 χ^2/NDF : 9.8/28

25.156+/-34.860 χ^2/NDF : 14.3/29

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: 127.557 $\pm$ 0.038 χ^2 /NDF: 206300.4/10

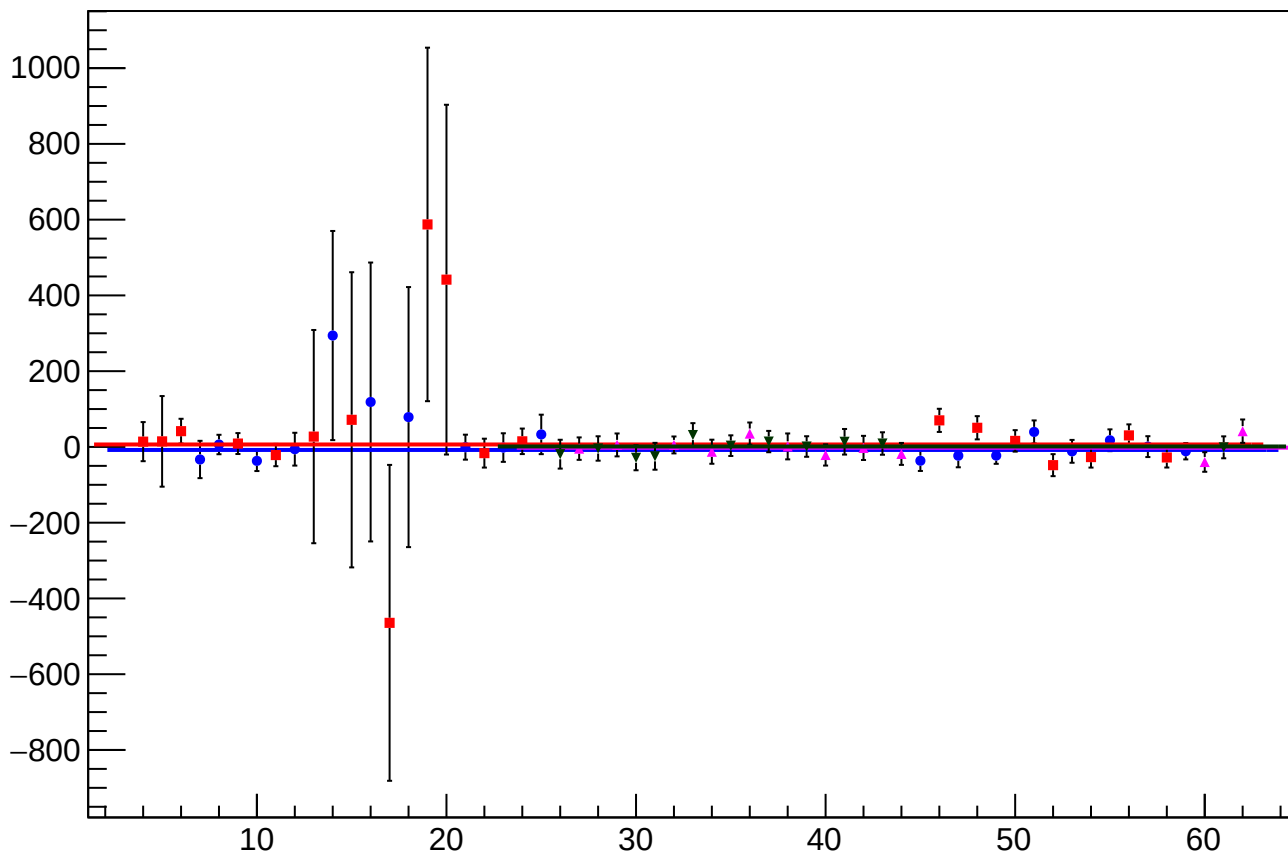
146.699 $\pm$ 0.026 χ^2 /NDF: 2257128.3/28

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

134.396 $\pm$ 0.025 χ^2 /NDF: 2789191.0/29

Left In: 118.164 $\pm$ 0.033 χ^2 /NDF: 379369.2/10

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: 1.169+/-9.302 χ^2/NDF : 3.0/10

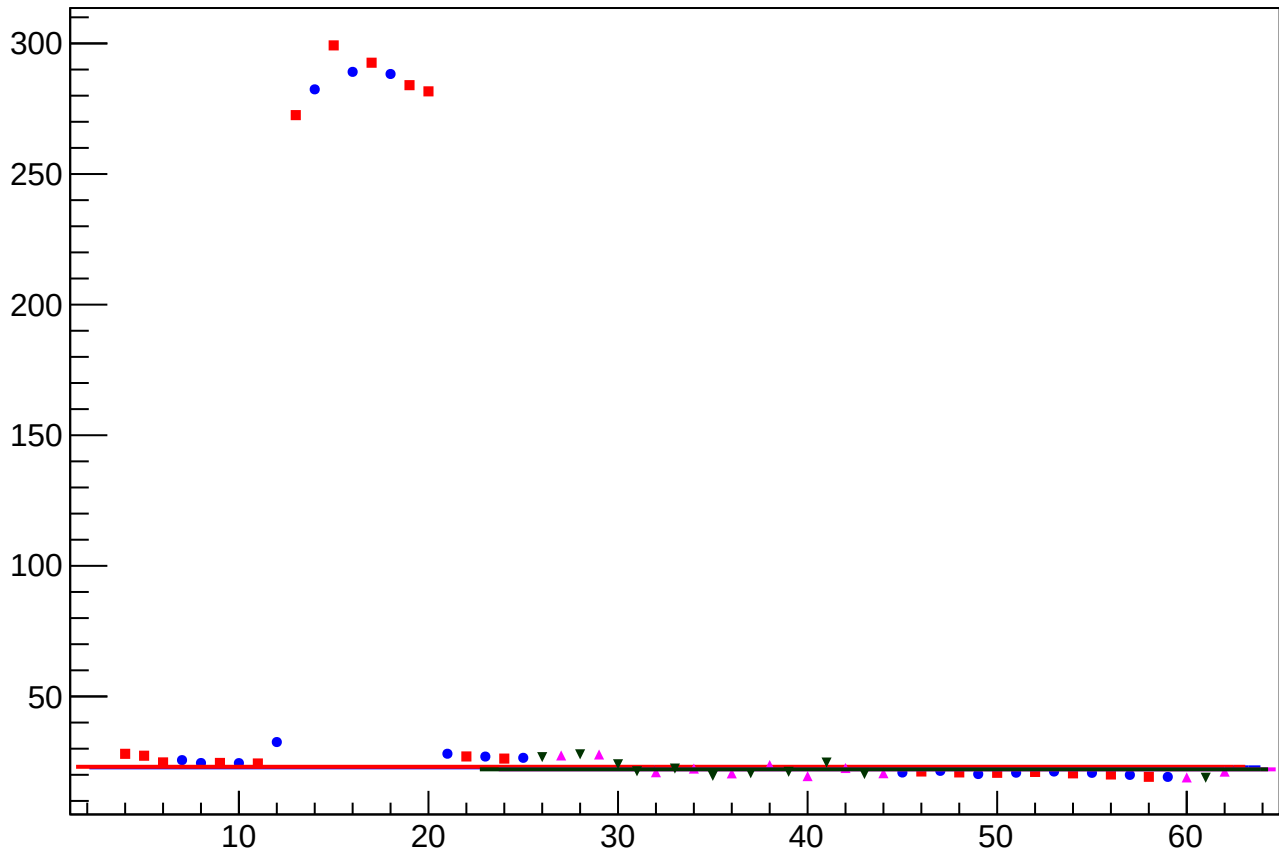
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: -2.031+/-8.686 χ^2/NDF : 6.8/10

-4.317+/-5.887 χ^2/NDF : 12.6/28

2.318+/-6.067 χ^2/NDF : 27.4/29

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: 22.097+/-0.007 χ^2/NDF : 170548.7/10

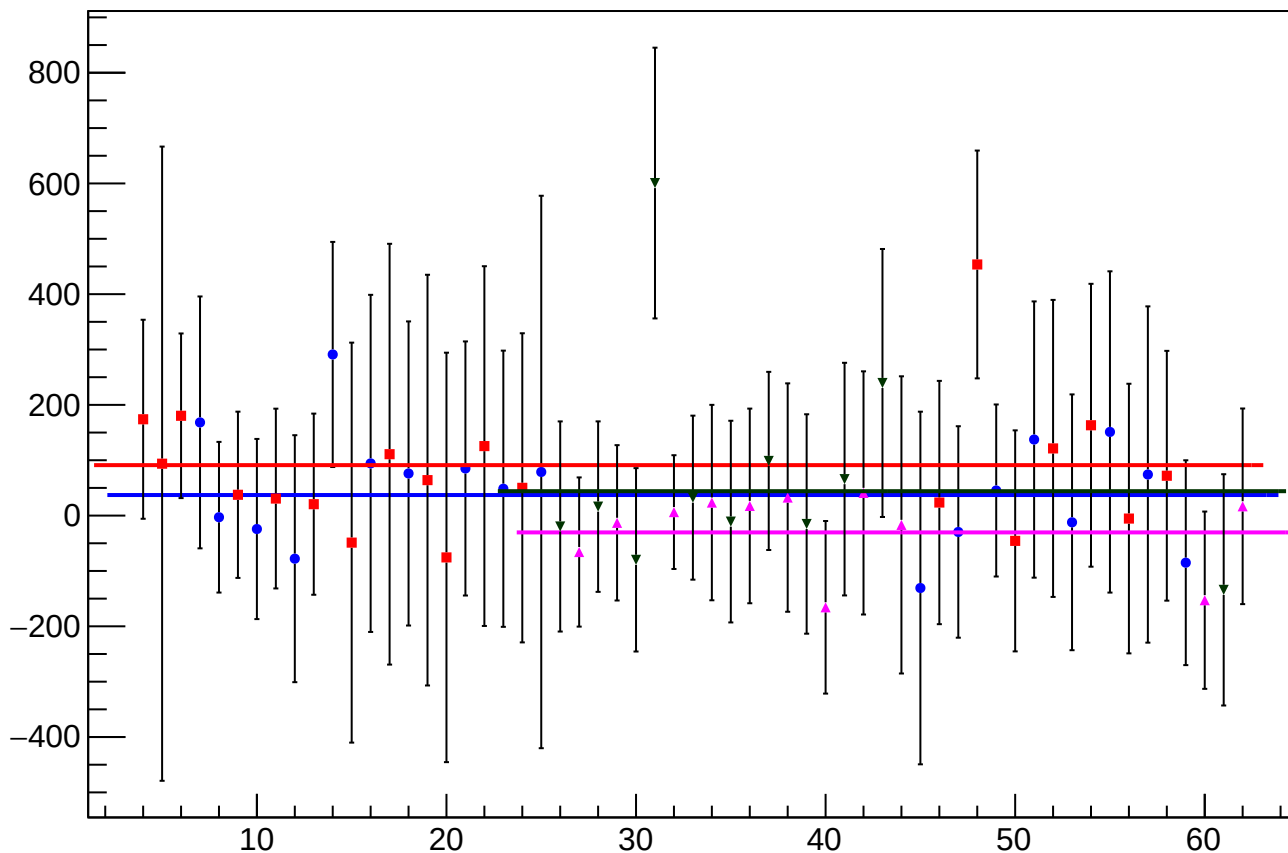
Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

Left In: 22.084+/-0.006 χ^2/NDF : 203800.6/10

22.551+/-0.004 χ^2/NDF : 4541987.6/28

22.588+/-0.004 χ^2/NDF : 5073682.1/29

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: 44.097+/-55.424 χ^2/NDF : 7.6/10

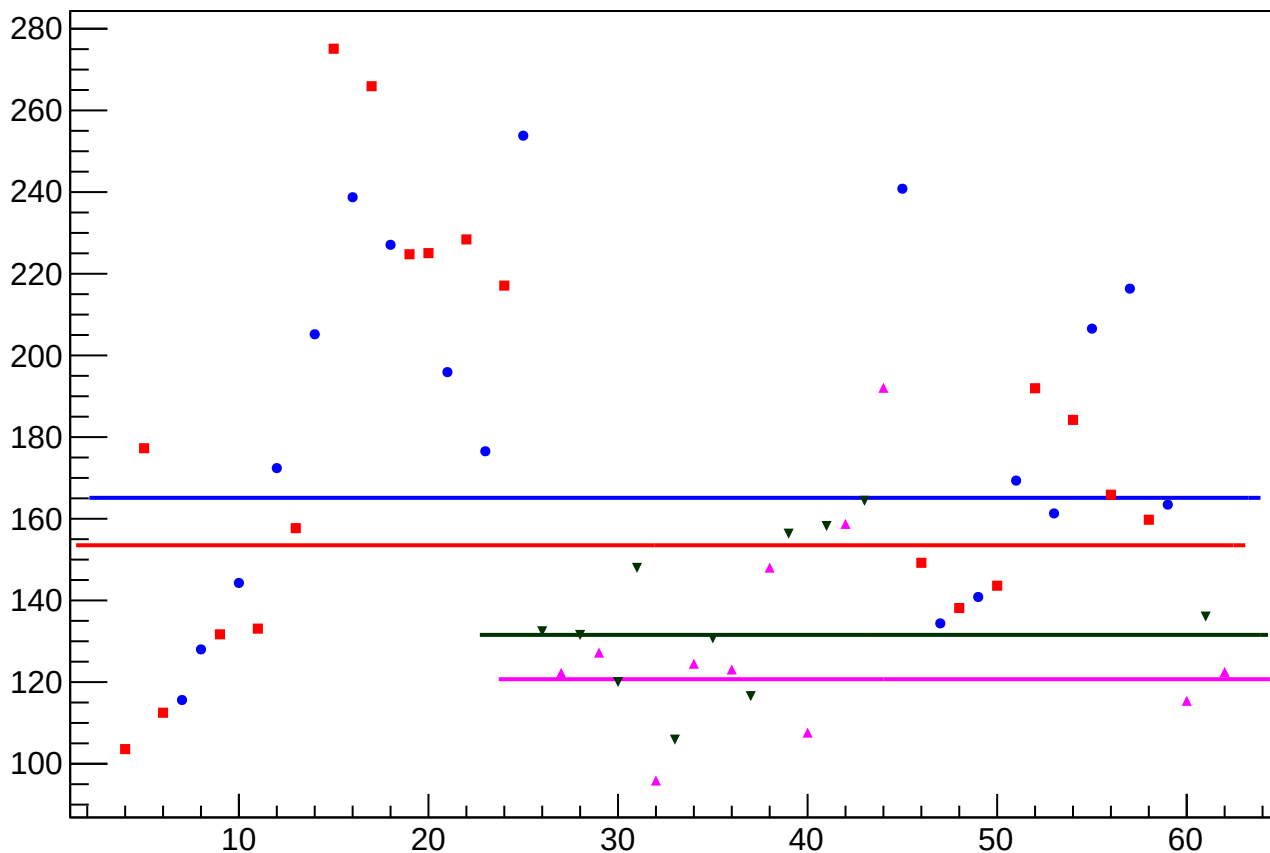
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -30.380+/-47.929 χ^2/NDF : 2.0/10

40.340+/-37.544 χ^2/NDF : 11.3/28

26.698+/-34.905 χ^2/NDF : 10.4/29

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: 131.565+/-0.039 χ^2/NDF : 197345.7/10

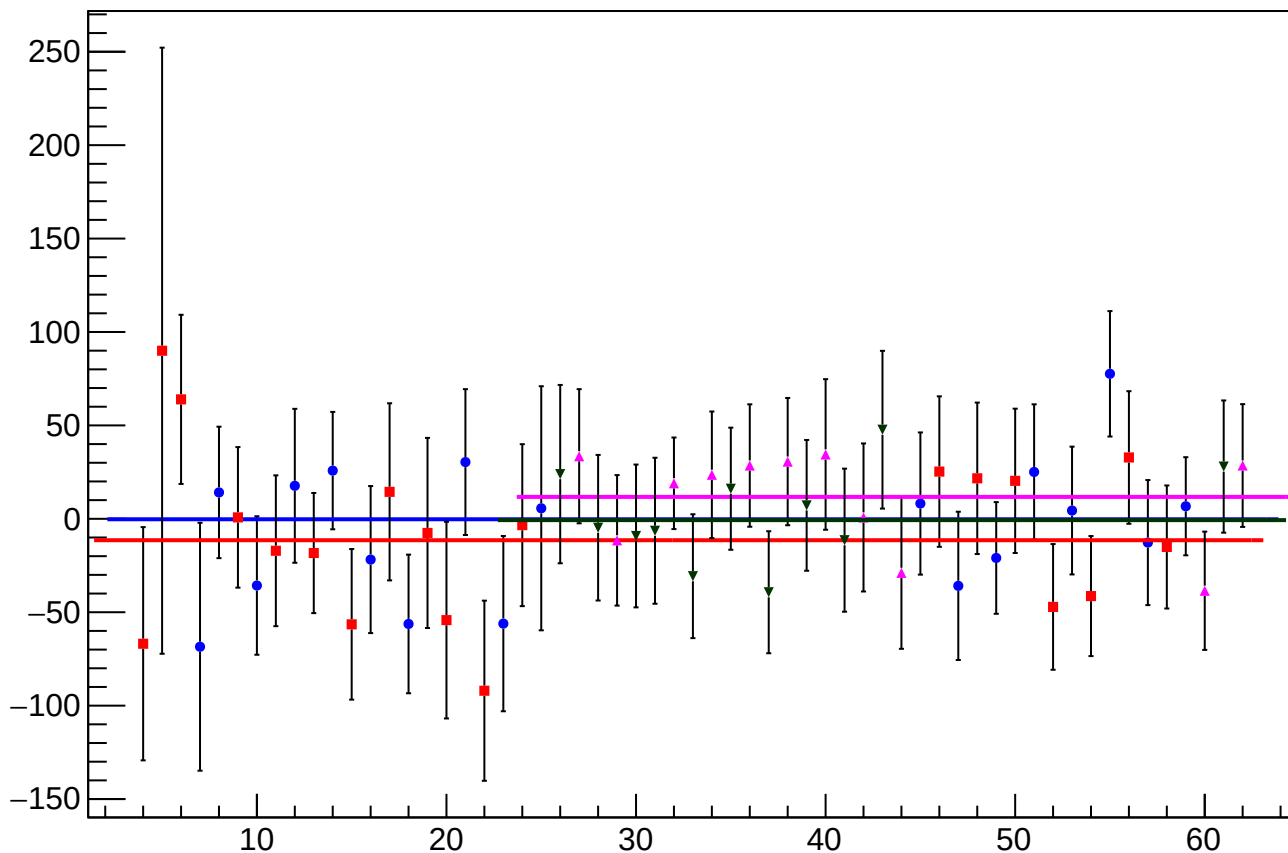
Right Out: 153.509+/-0.036 χ^2/NDF : 1238601.8/18

Left In: 120.712+/-0.034 χ^2/NDF : 375394.6/10

149.725+/-0.027 χ^2/NDF : 1584800.1/28

136.114+/-0.025 χ^2/NDF : 2053802.9/29

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: -0.698 ± 11.125 $\chi^2/\text{NDF}: 4.9/10$

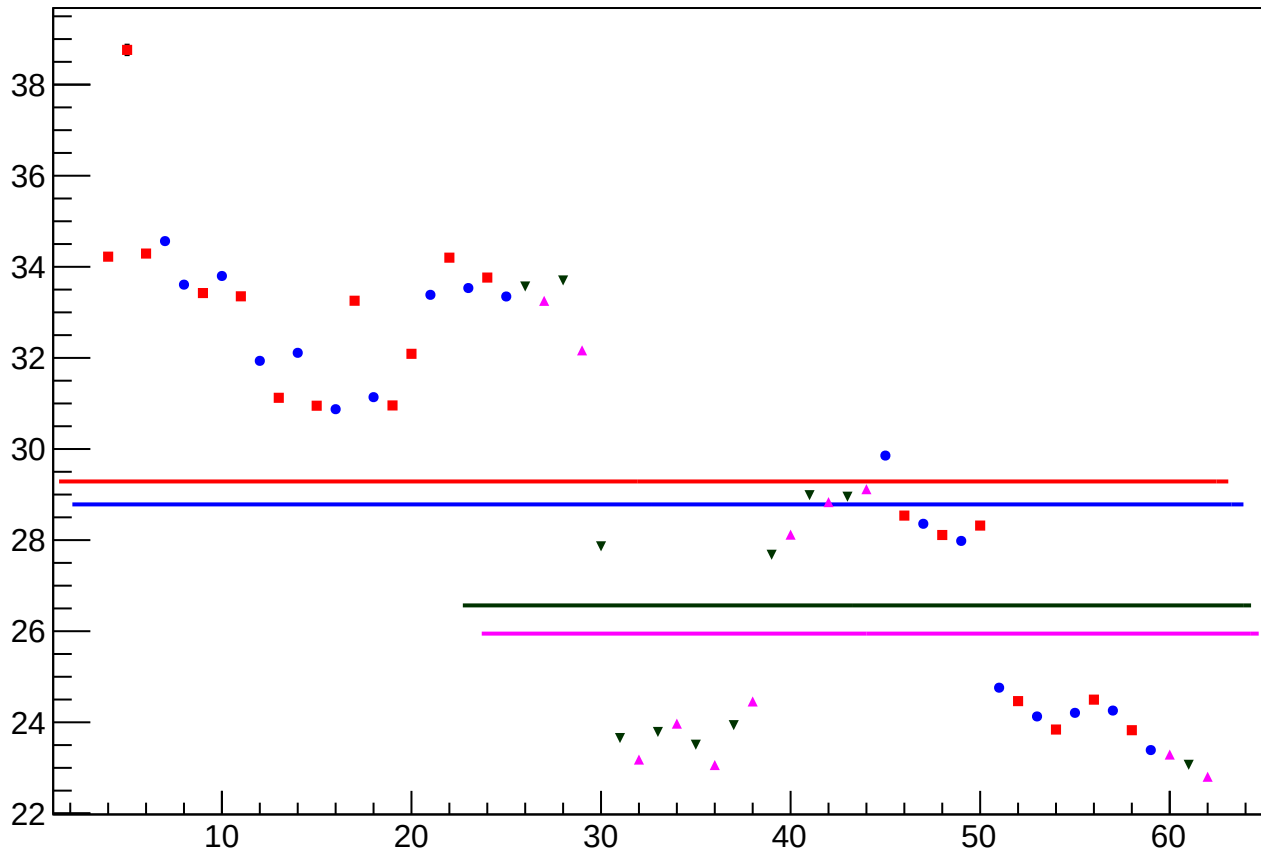
Right Out: -11.462 ± 9.405 $\chi^2/\text{NDF}: 14.9/18$

Left In: 11.728 ± 10.150 $\chi^2/\text{NDF}: 5.8/10$

-0.411 ± 6.827 $\chi^2/\text{NDF}: 20.0/28$

-0.748 ± 6.899 $\chi^2/\text{NDF}: 23.5/29$

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 28.784+/-0.006 χ^2/NDF : 418497.9/17

Left Out: 26.566+/-0.008 χ^2/NDF : 204004.6/10

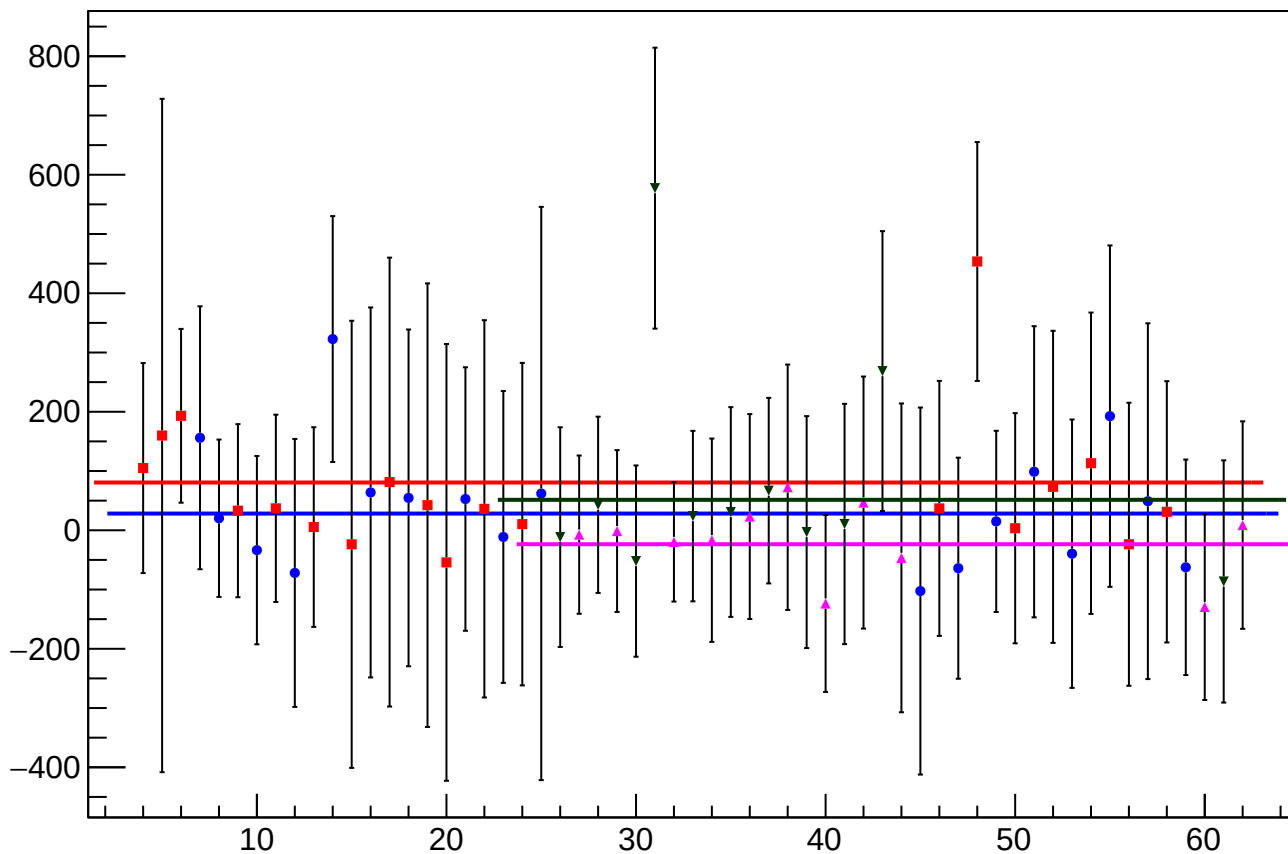
27.949+/-0.005 χ^2/NDF : 672038.5/28

Right Out: 29.288+/-0.007 χ^2/NDF : 355757.4/18

27.744+/-0.005 χ^2/NDF : 731061.5/29

Left In: 25.947+/-0.007 χ^2/NDF : 258748.9/10

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: 51.423+/-53.932 χ^2/NDF : 6.9/10

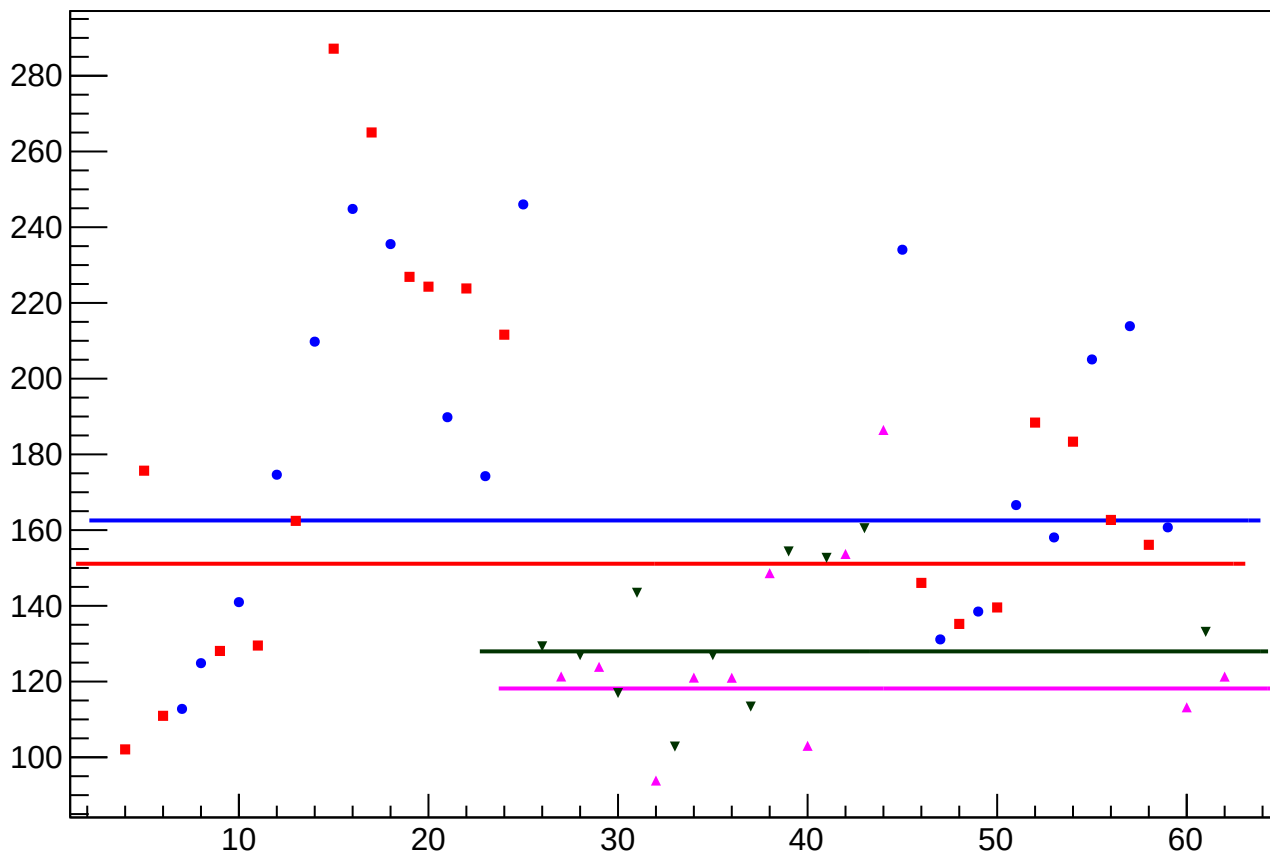
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -23.545+/-46.924 χ^2/NDF : 1.4/10

39.029+/-36.805 χ^2/NDF : 11.0/28

24.981+/-34.293 χ^2/NDF : 8.9/29

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: 127.970 $\pm$ 0.038 χ^2 /NDF: 201709.0/10

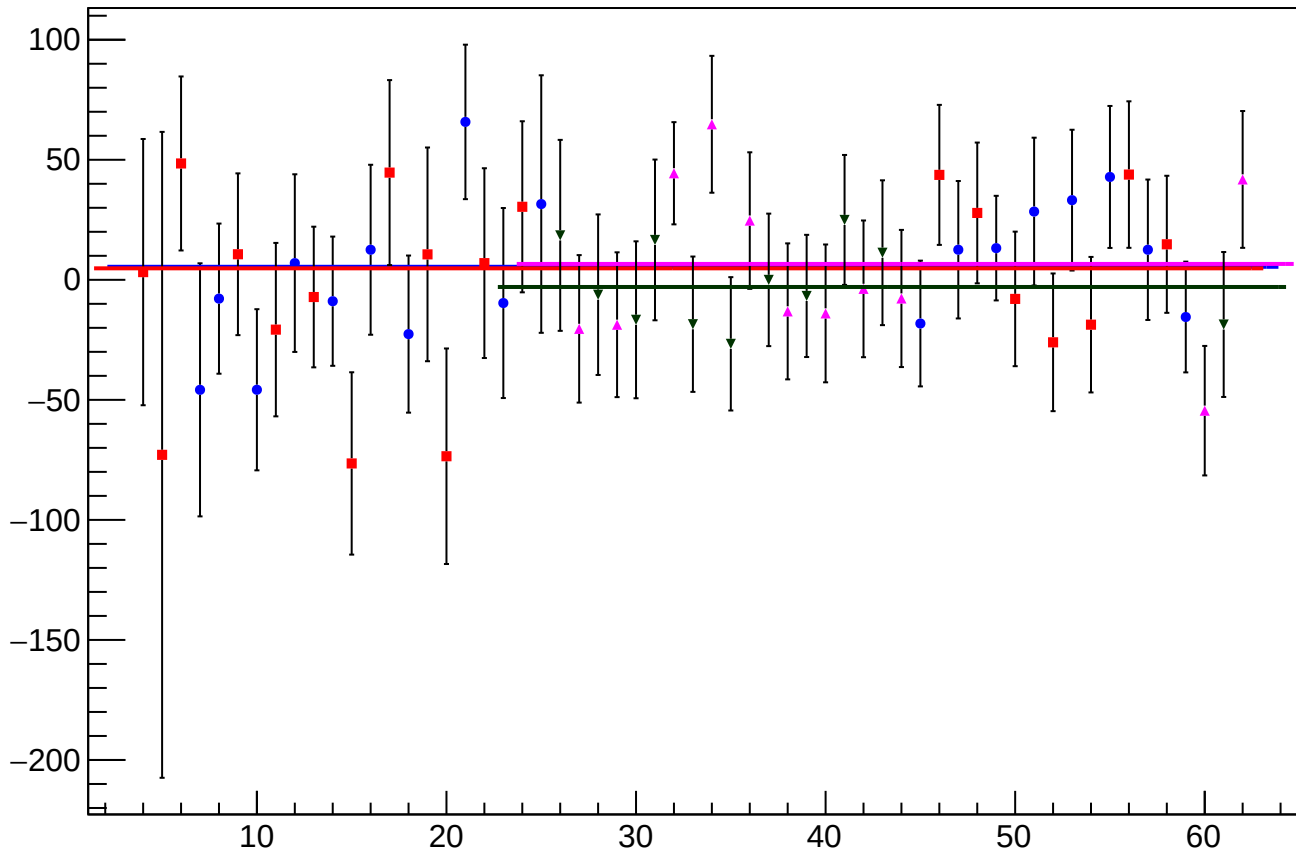
Right Out: 151.117 $\pm$ 0.036 χ^2 /NDF: 1306443.7/18

Left In: 118.169 $\pm$ 0.033 χ^2 /NDF: 382267.0/10

146.444 $\pm$ 0.026 χ^2 /NDF: 1730284.1/28

133.519 $\pm$ 0.024 χ^2 /NDF: 2148115.1/29

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: -2.983 ± 9.006 $\chi^2/\text{NDF}: 3.4/10$

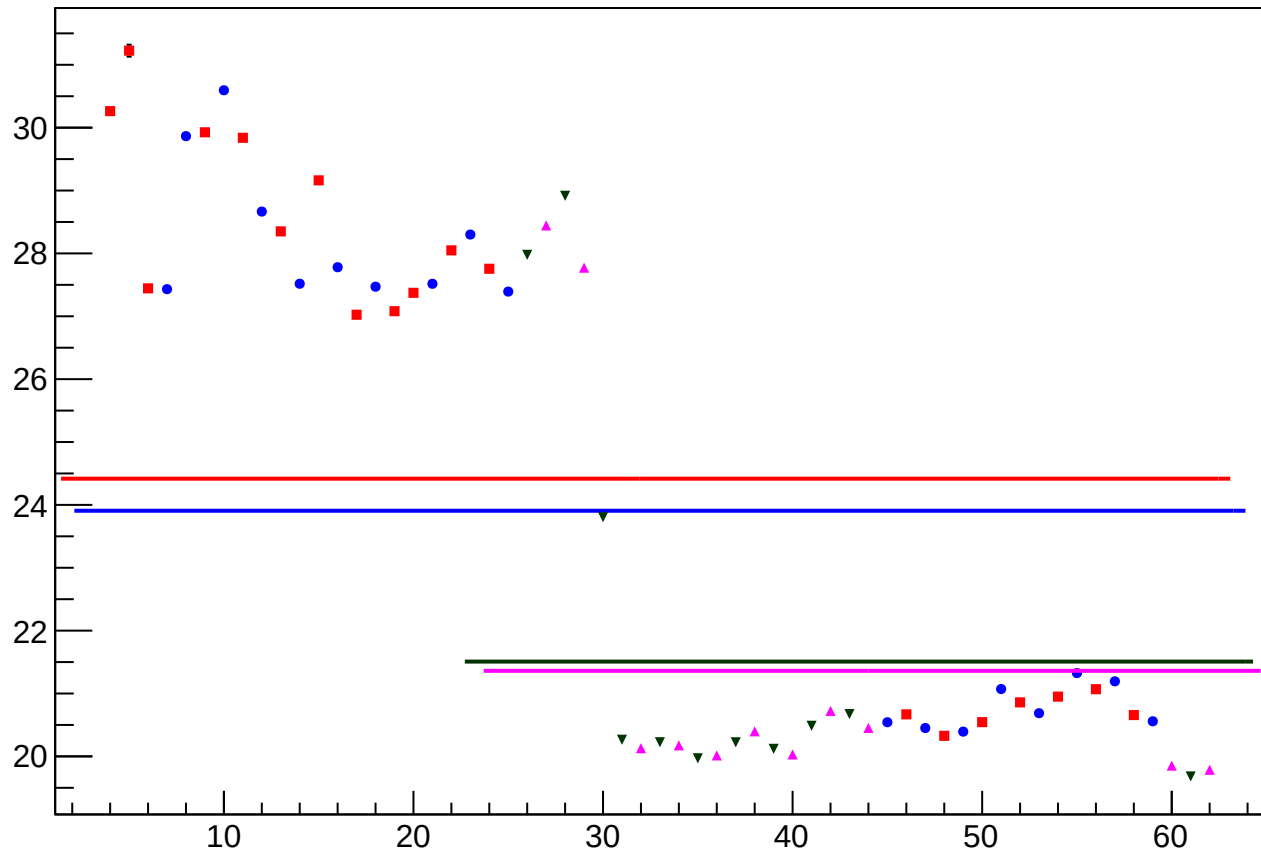
Right Out: 4.784 ± 7.872 $\chi^2/\text{NDF}: 17.9/18$

Left In: 6.617 ± 8.346 $\chi^2/\text{NDF}: 17.2/10$

2.145 ± 5.626 $\chi^2/\text{NDF}: 17.3/28$

5.647 ± 5.727 $\chi^2/\text{NDF}: 35.2/29$

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.907+/-0.005 χ^2/NDF : 565903.0/17

Left Out: 21.508+/-0.006 χ^2/NDF : 195999.7/10

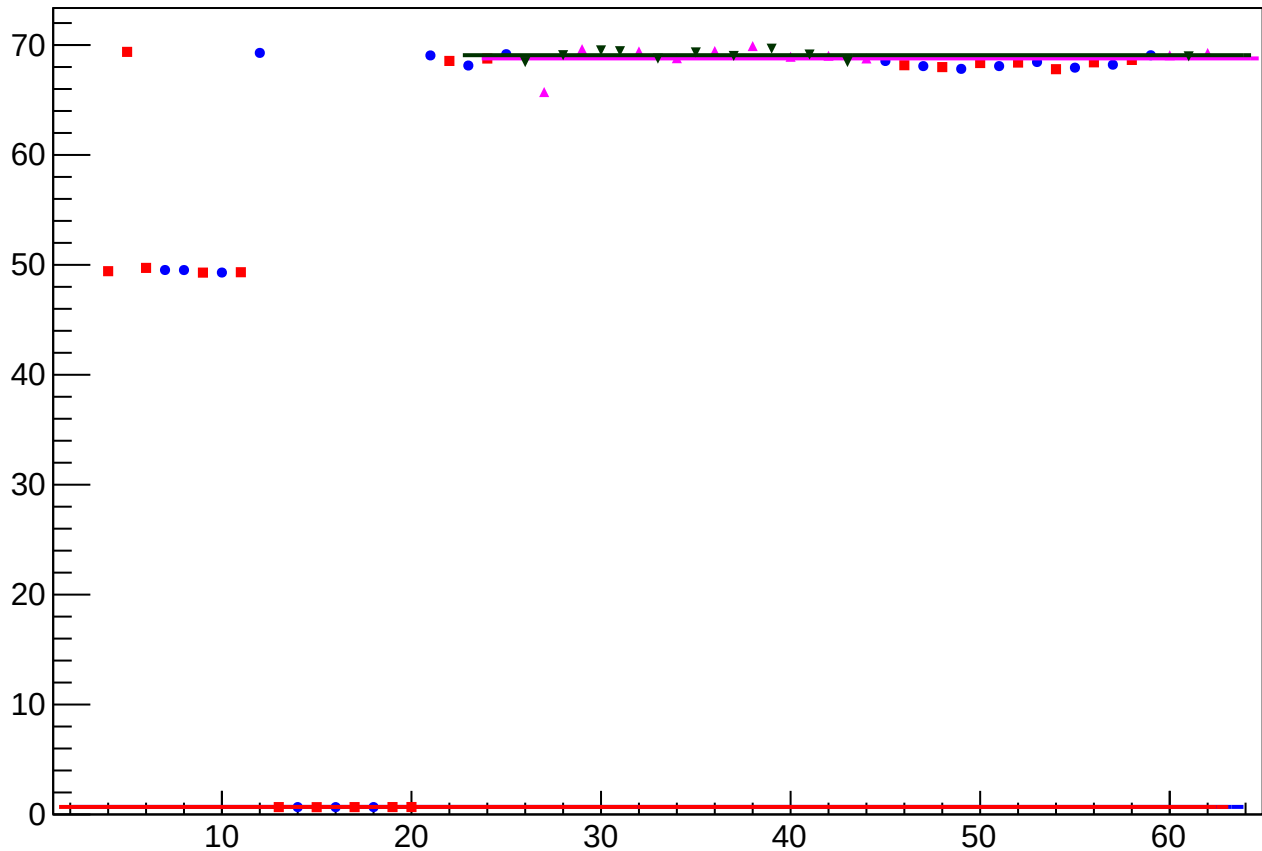
Right Out: 24.417+/-0.006 χ^2/NDF : 496476.9/18

Left In: 21.361+/-0.006 χ^2/NDF : 233376.4/10

22.971+/-0.004 χ^2/NDF : 848443.3/28

22.978+/-0.004 χ^2/NDF : 871798.5/29

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.076+/-0.000 χ^2/NDF : 24710071.6/10

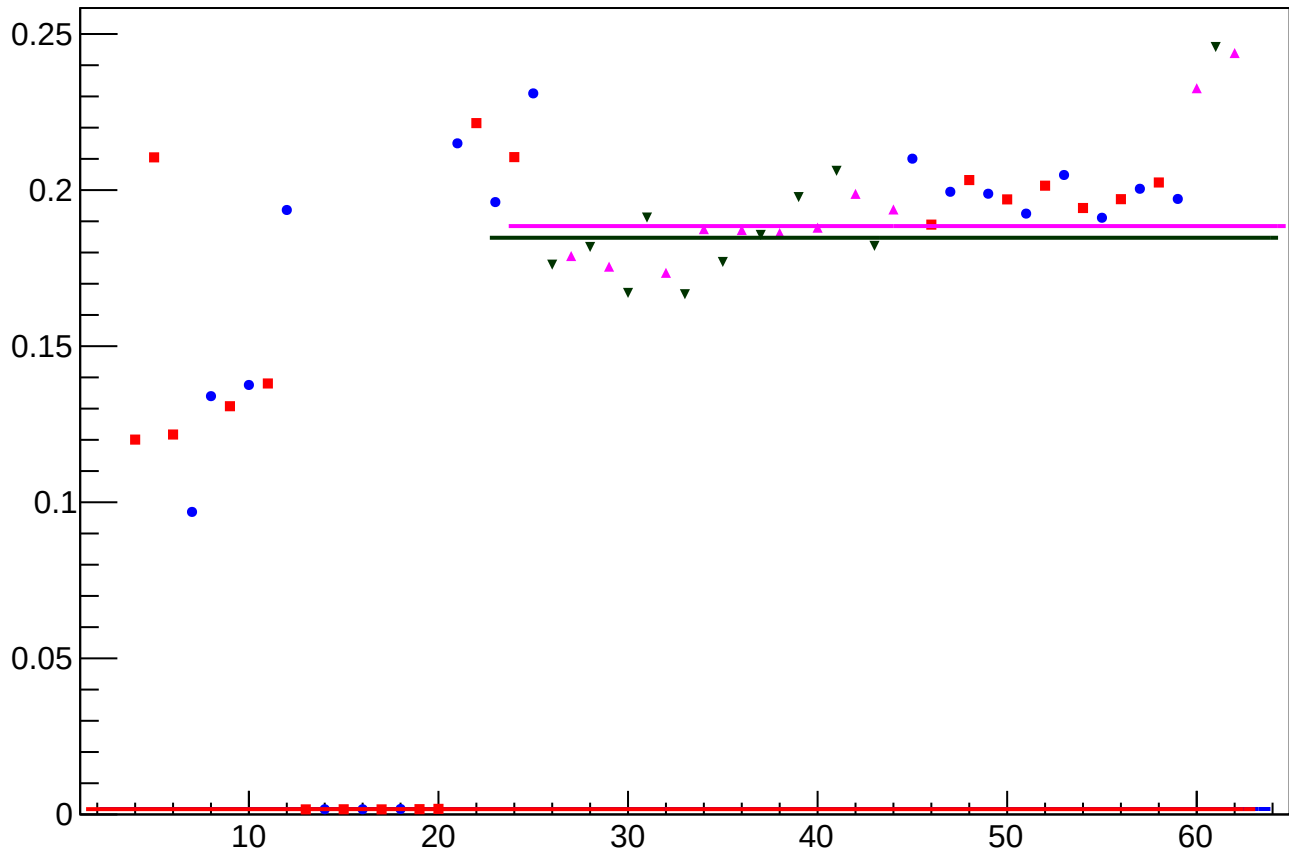
0.701+/-0.000 χ^2/NDF : 1798303711618.4/28

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

0.696+/-0.000 χ^2/NDF : 1679949494217.9/29

Left In: 68.782+/-0.000 χ^2/NDF : 297644605.2/10

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 16897571.8/17

Left Out: 0.185+/-0.000 χ^2/NDF :97968.3/10

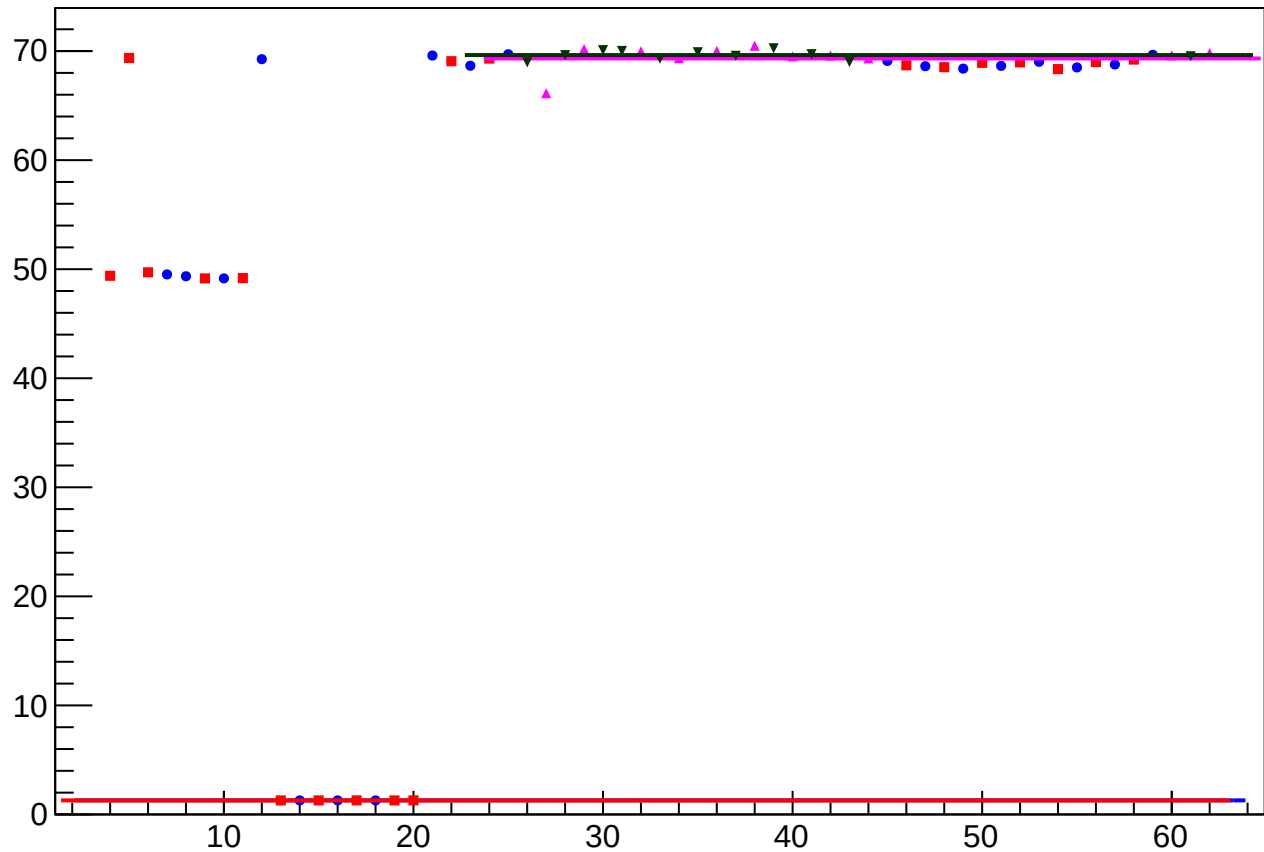
Right Out: 0.002+/-0.000 χ^2/NDF : 13510450.3/18

Left In: 0.188+/-0.000 χ^2/NDF :118030.4/10

0.002+/-0.000 χ^2/NDF : 27896360.2/28

0.002+/-0.000 χ^2/NDF : 26172688.8/29

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.635+/-0.000 χ^2/NDF : 25663445.6/10

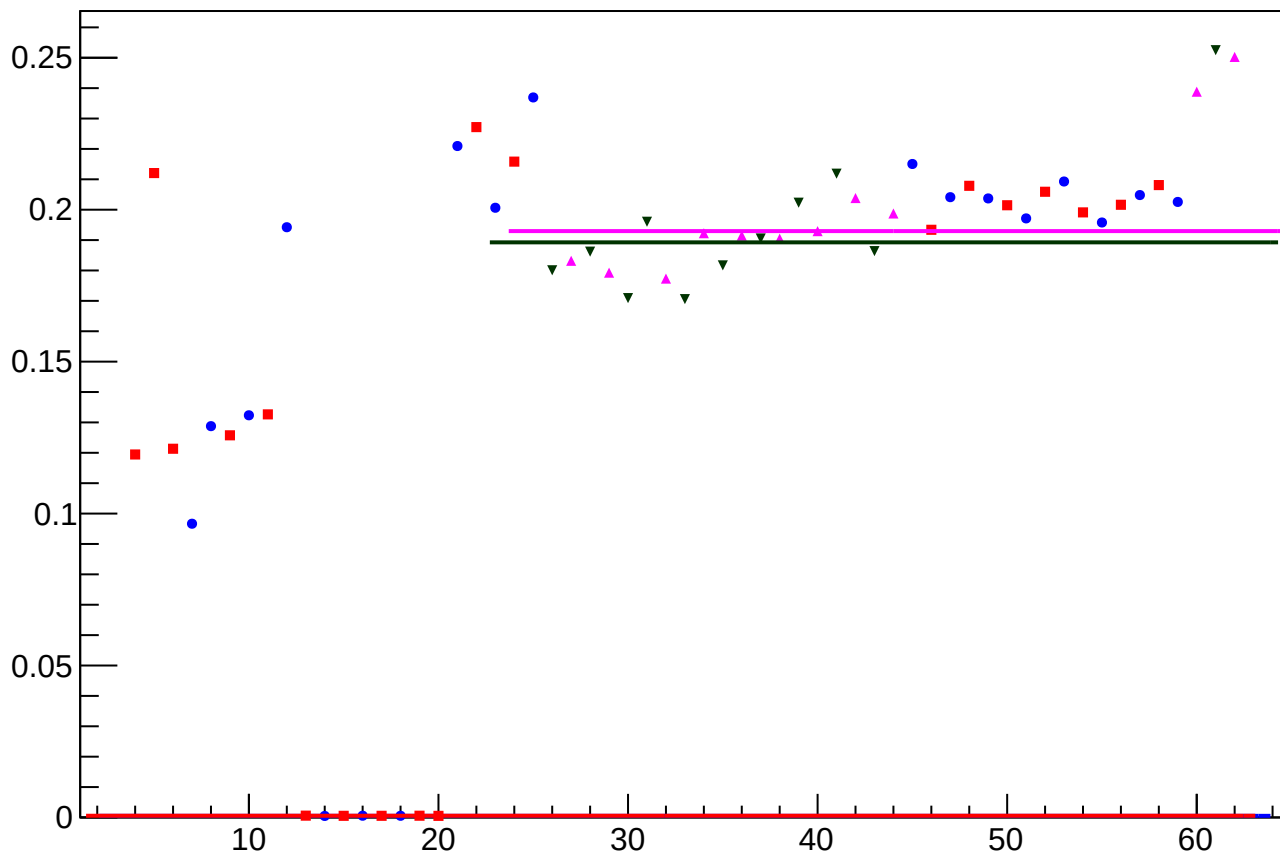
Right Out: 1.290+/-0.000 χ^2/NDF : 826763948171.6/18

Left In: 69.325+/-0.000 χ^2/NDF : 307521941.8/10

1.292+/-0.000 χ^2/NDF : 1734402082248.7/28

1.292+/-0.000 χ^2/NDF : 1620909285608.4/29

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.189+/-0.000 χ^2/NDF : 99849.6/10

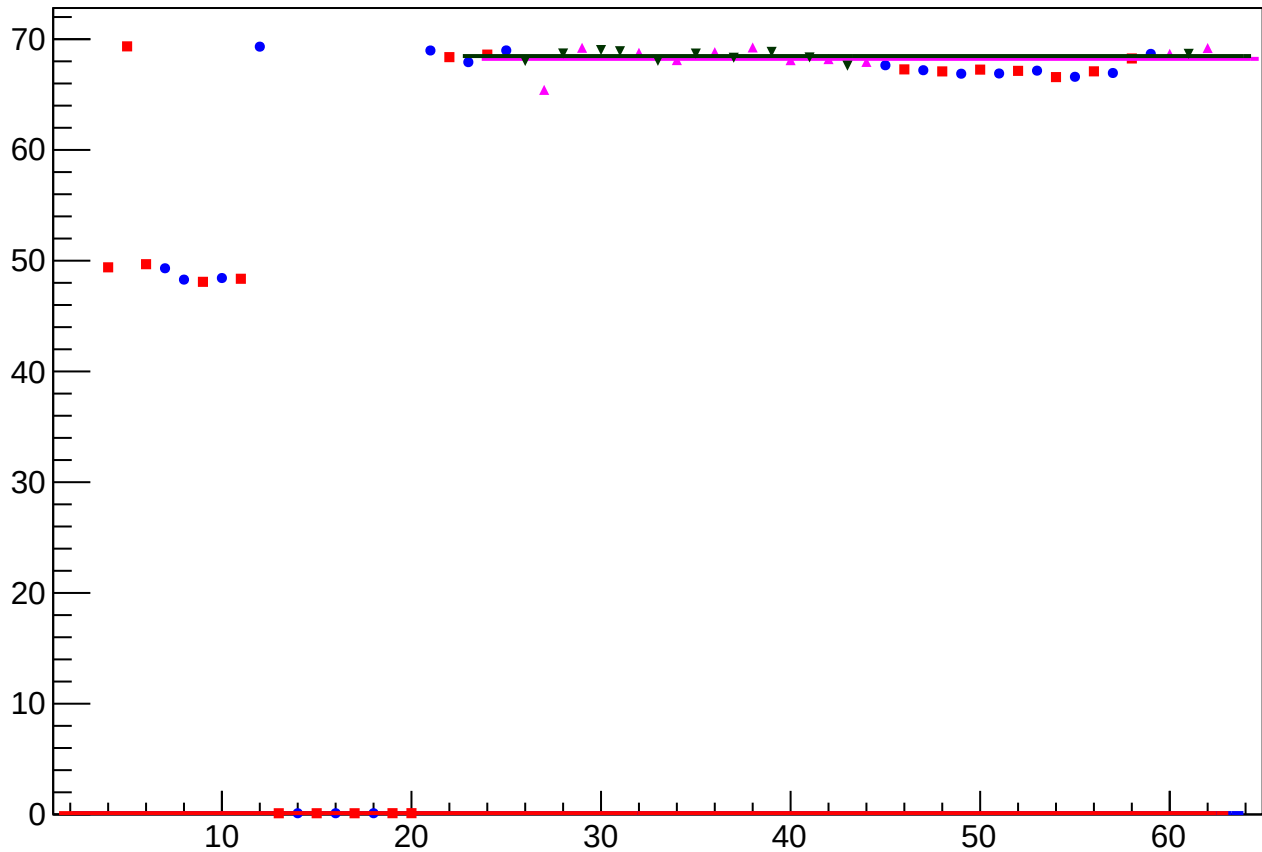
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

Left In: 0.193+/-0.000 χ^2/NDF : 121028.1/10

0.001+/-0.000 χ^2/NDF : 28287947.0/28

0.001+/-0.000 χ^2/NDF : 26513299.7/29

yield_bcm_an_us_mean vs slug



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

Left Out: 68.476+/-0.000 χ^2/NDF : 29542827.9/10

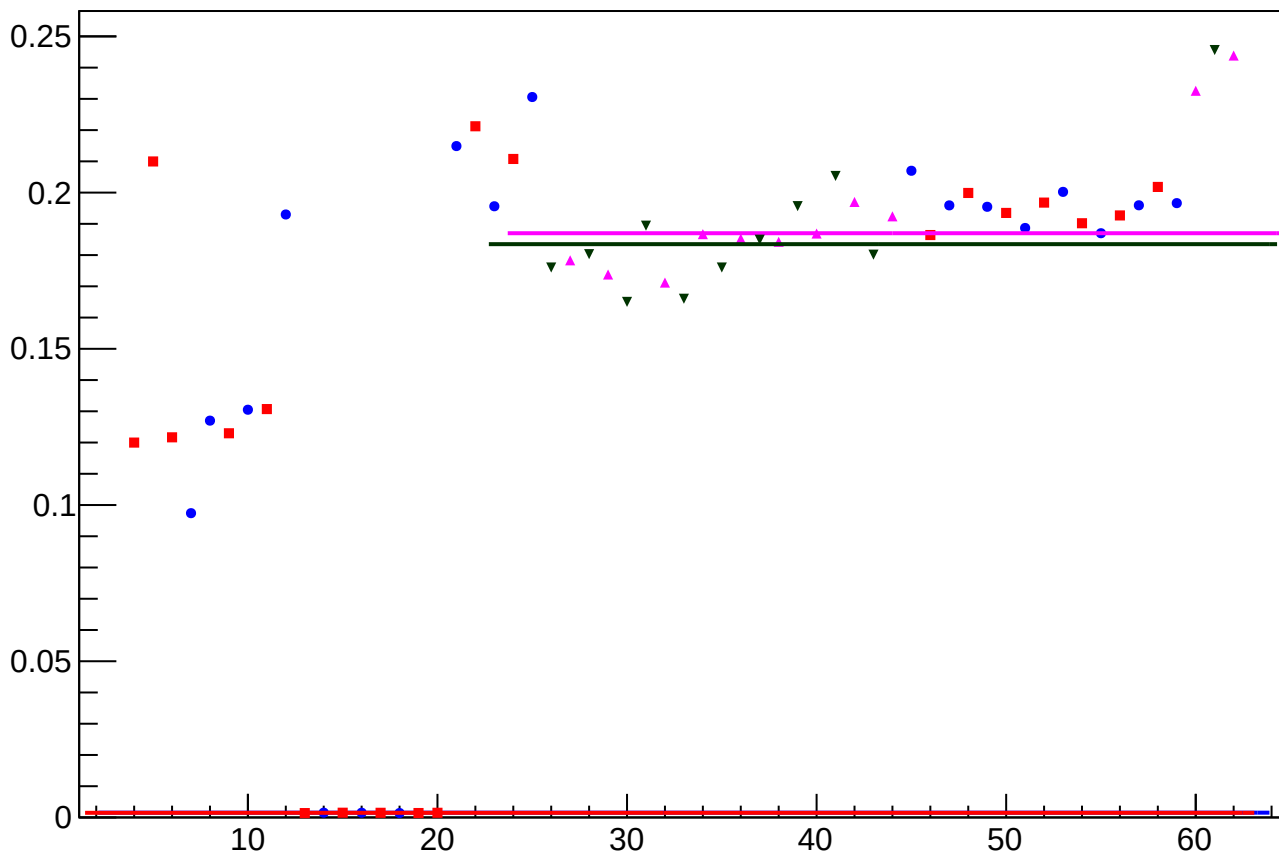
0.137+/-0.000 χ^2/NDF : 1839606512128.3/28

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

0.131+/-0.000 χ^2/NDF : 1723107141123.4/29

Left In: 68.223+/-0.000 χ^2/NDF : 268909829.6/10

yield_bcm_an_us_rms vs slug



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

Left Out: 0.183 $\pm$ 0.000 χ^2 /NDF:99932.8/10

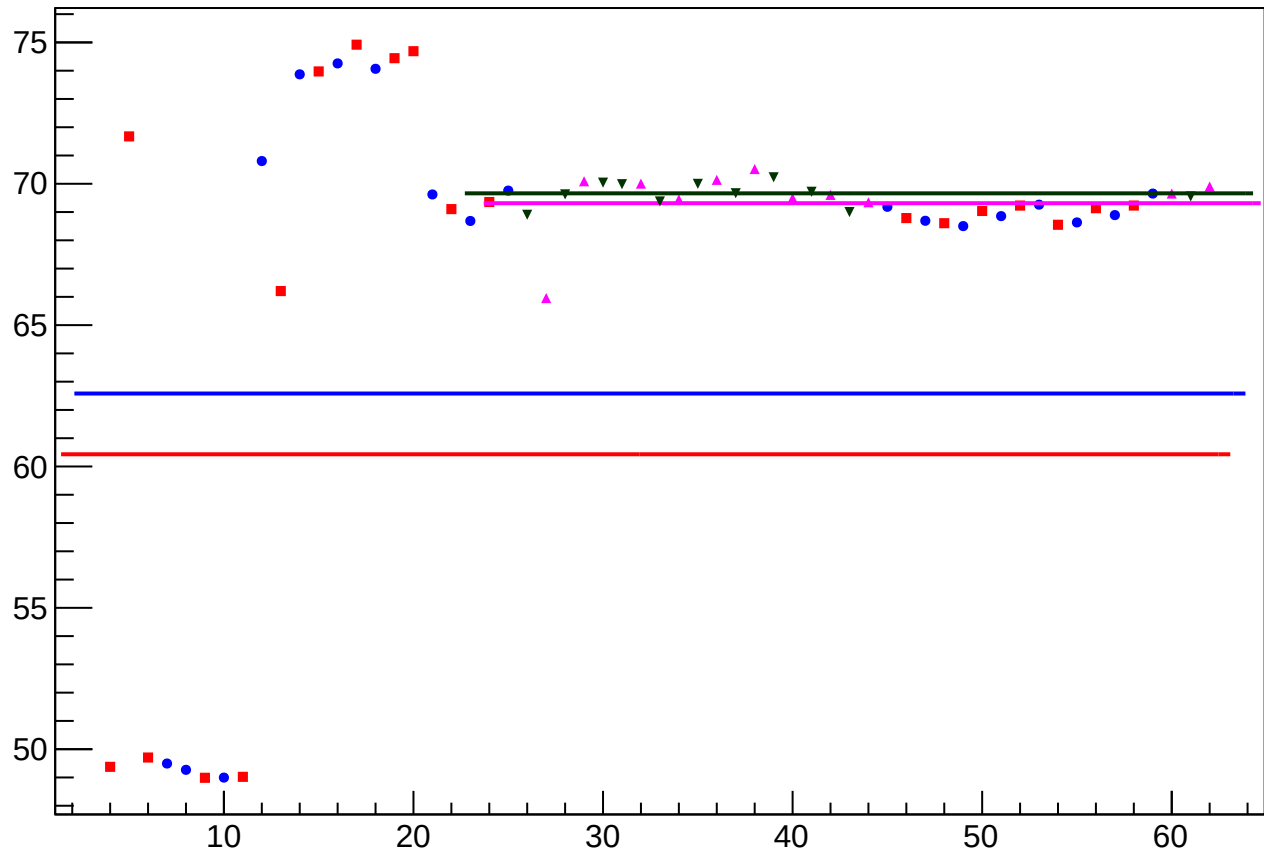
0.002 $\pm$ 0.000 χ^2 /NDF: 27928056.8/28

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

0.002 $\pm$ 0.000 χ^2 /NDF: 26222040.8/29

Left In: 0.187 $\pm$ 0.000 χ^2 /NDF:124658.4/10

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.661+/-0.000 χ^2/NDF :24210152.0/10

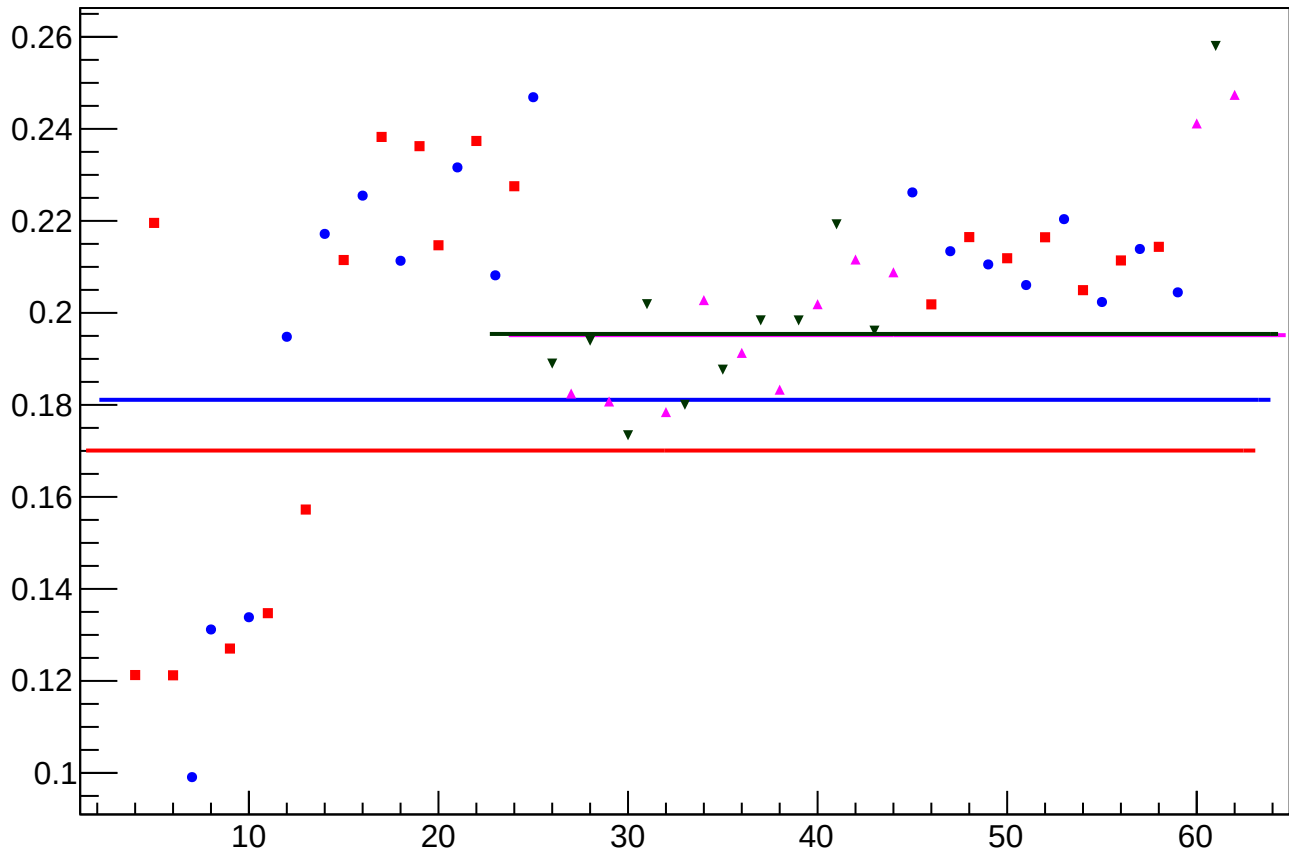
64.825+/-0.000 χ^2/NDF : 38693288510.9/28

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

63.567+/-0.000 χ^2/NDF : 41846590388.0/29

Left In: 69.313+/-0.000 χ^2/NDF :338301720.5/10

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.195+/-0.000 χ^2/NDF : 90693.4/10

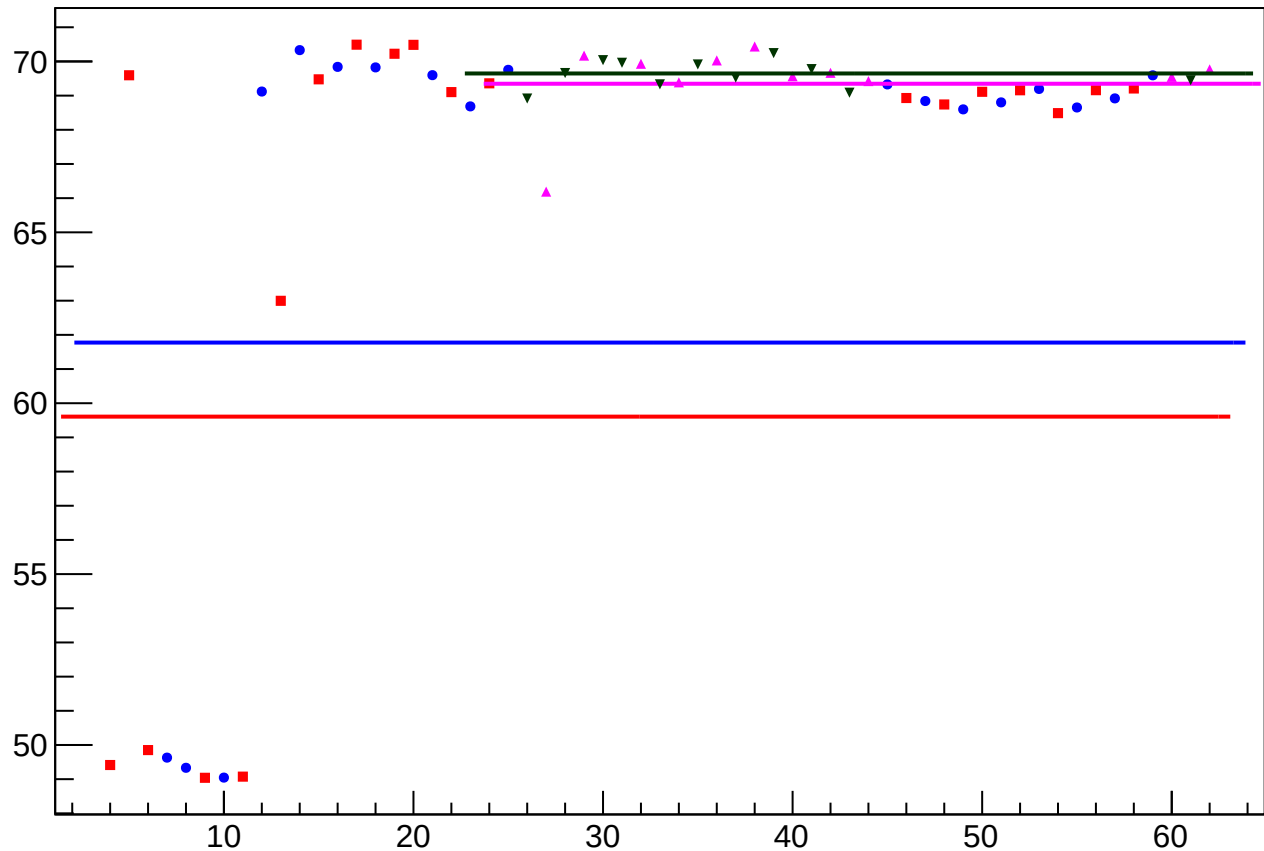
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.195+/-0.000 χ^2/NDF : 132144.4/10

0.186+/-0.000 χ^2/NDF : 1347678.6/28

0.179+/-0.000 χ^2/NDF : 1451809.2/29

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.648+/-0.000 χ^2/NDF : 24205017.5/10

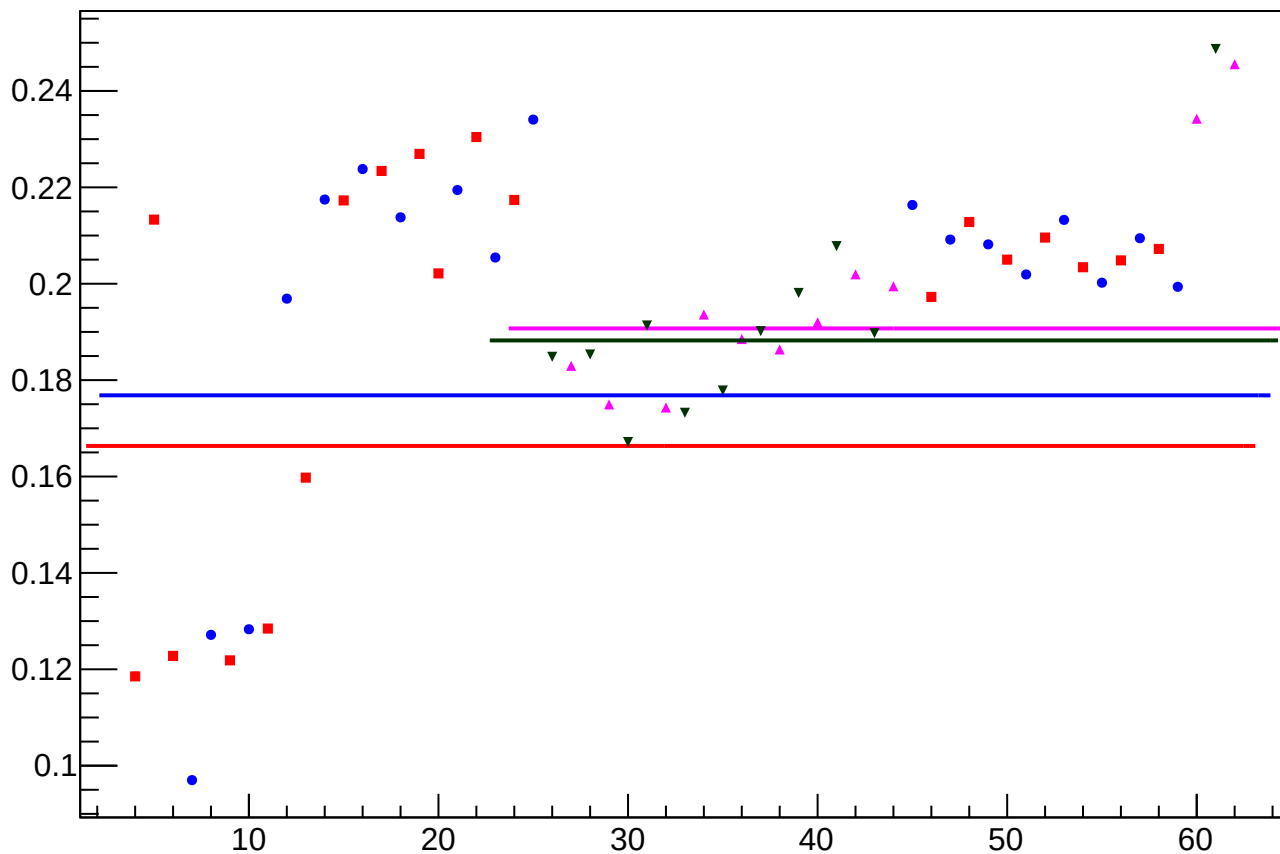
Right Out: 59.608+/-0.000 χ^2/NDF : 29547406430.8/18

Left In: 69.347+/-0.000 χ^2/NDF : 297081329.0/10

64.321+/-0.000 χ^2/NDF : 37580875756.5/28

63.053+/-0.000 χ^2/NDF : 40600663915.8/29

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.188+/-0.000 χ^2/NDF : 90829.0/10

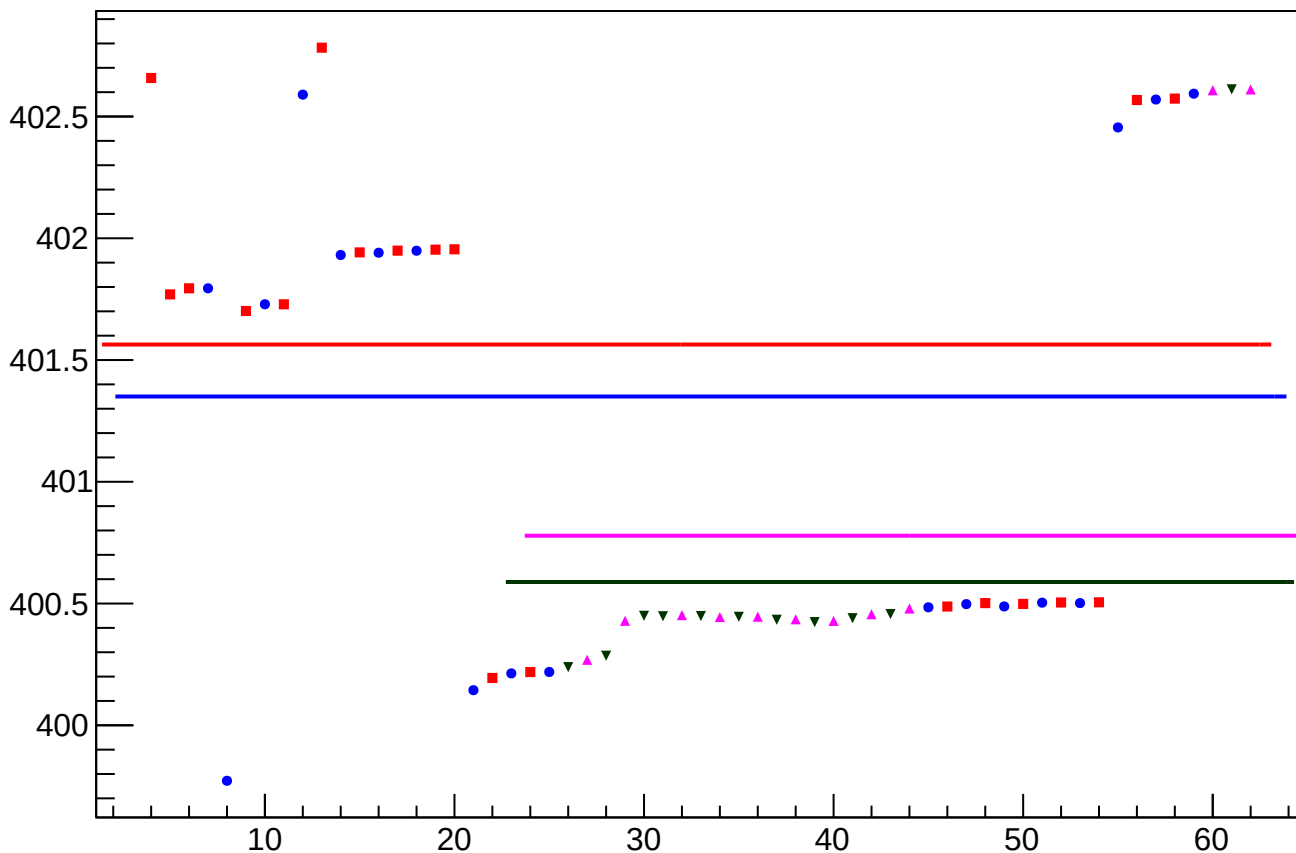
Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

Left In: 0.191+/-0.000 χ^2/NDF : 121886.5/10

0.181+/-0.000 χ^2/NDF : 1395082.4/28

0.175+/-0.000 χ^2/NDF : 1413198.5/29

yield_cav4bQ_mean vs slug



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

Left Out: 400.588+/-0.000 χ^2/NDF : 47560584562.6/10

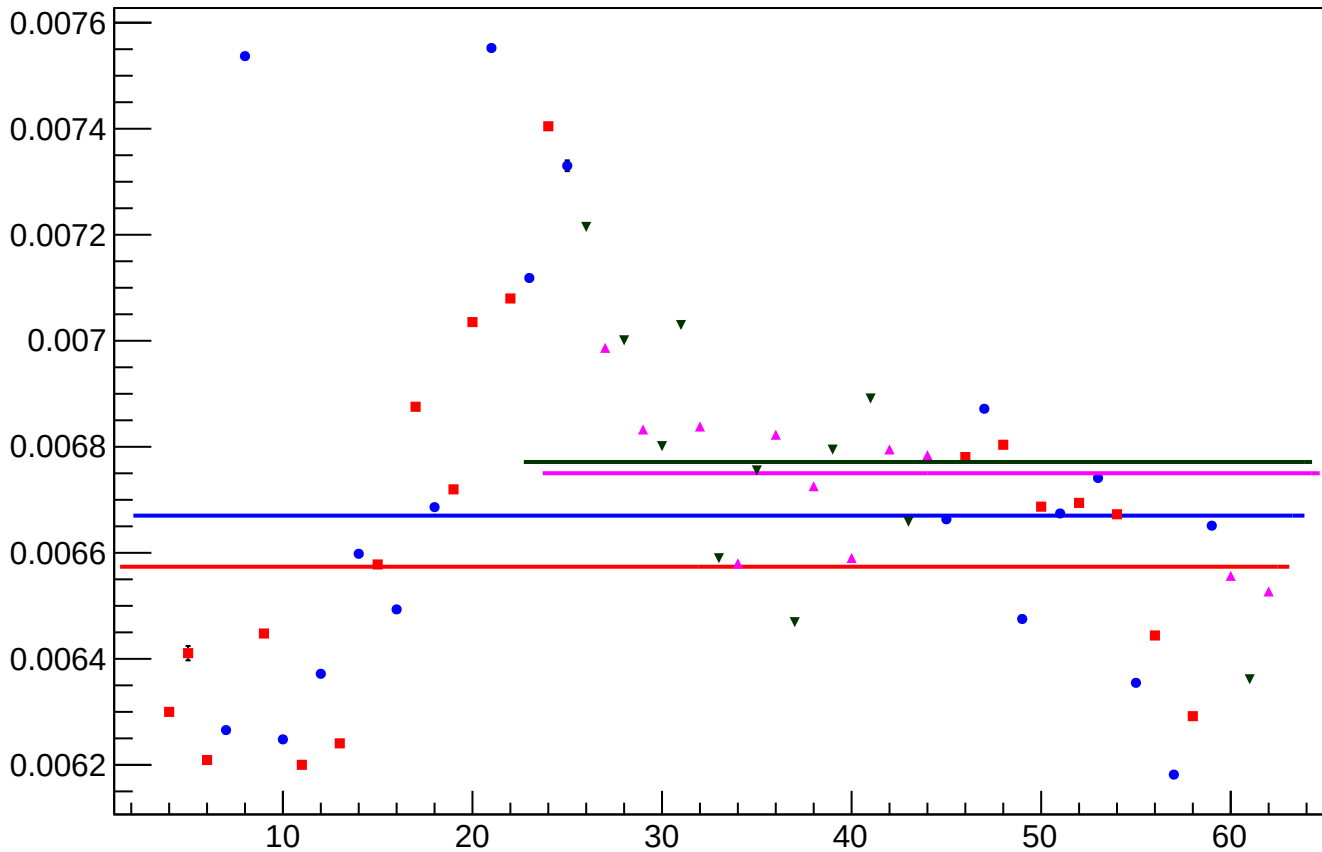
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 400.779+/-0.000 χ^2/NDF : 96412605306.3/10

401.095+/-0.000 χ^2/NDF : 331535387532.8/28

401.259+/-0.000 χ^2/NDF : 335578087375.6/29

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 :13638.3/10

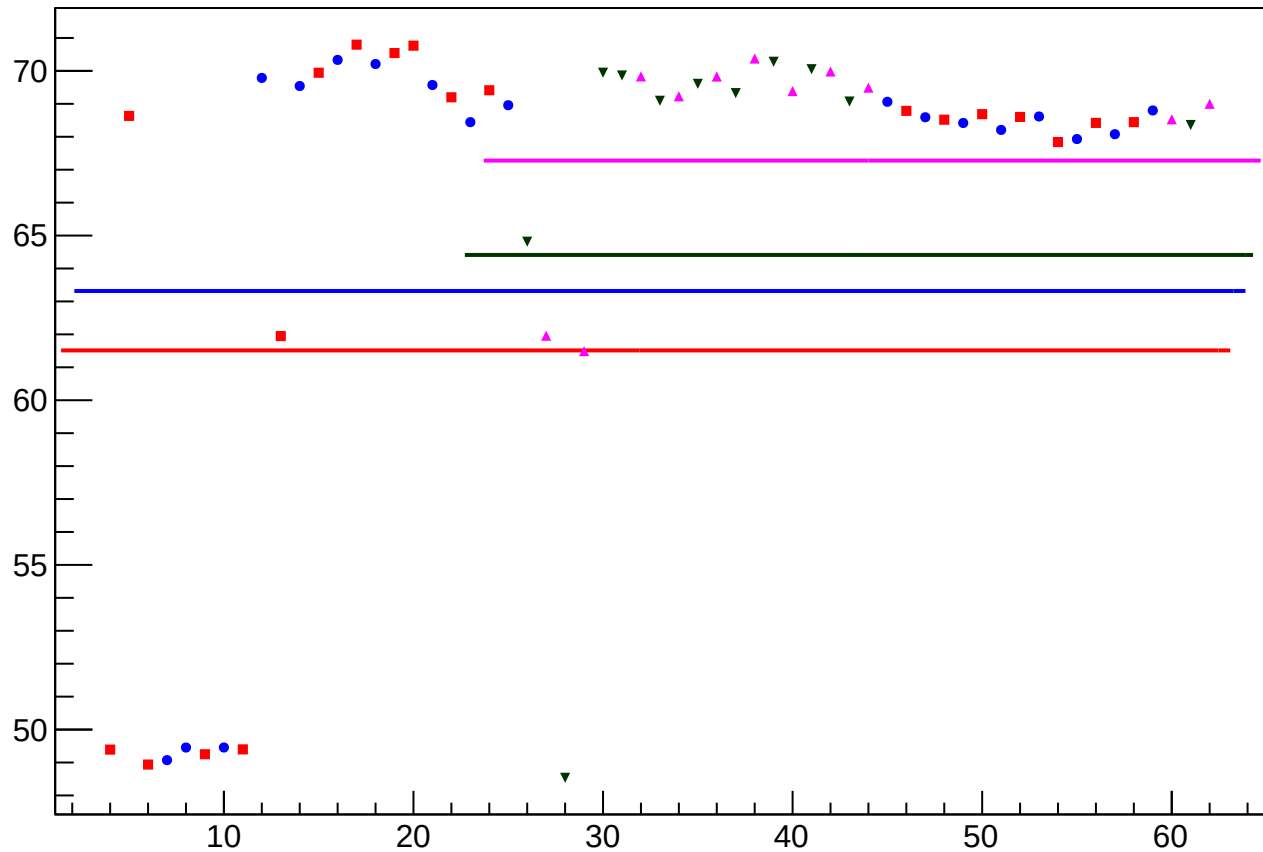
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF :6018.1/10

0.007+/-0.000 χ^2/NDF : 92045.6/28

0.007+/-0.000 χ^2/NDF : 59268.3/29

yield_cav4cQ_mean vs slug



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

Left Out: 64.412+/-0.000 χ^2/NDF : 8652891855.9/10

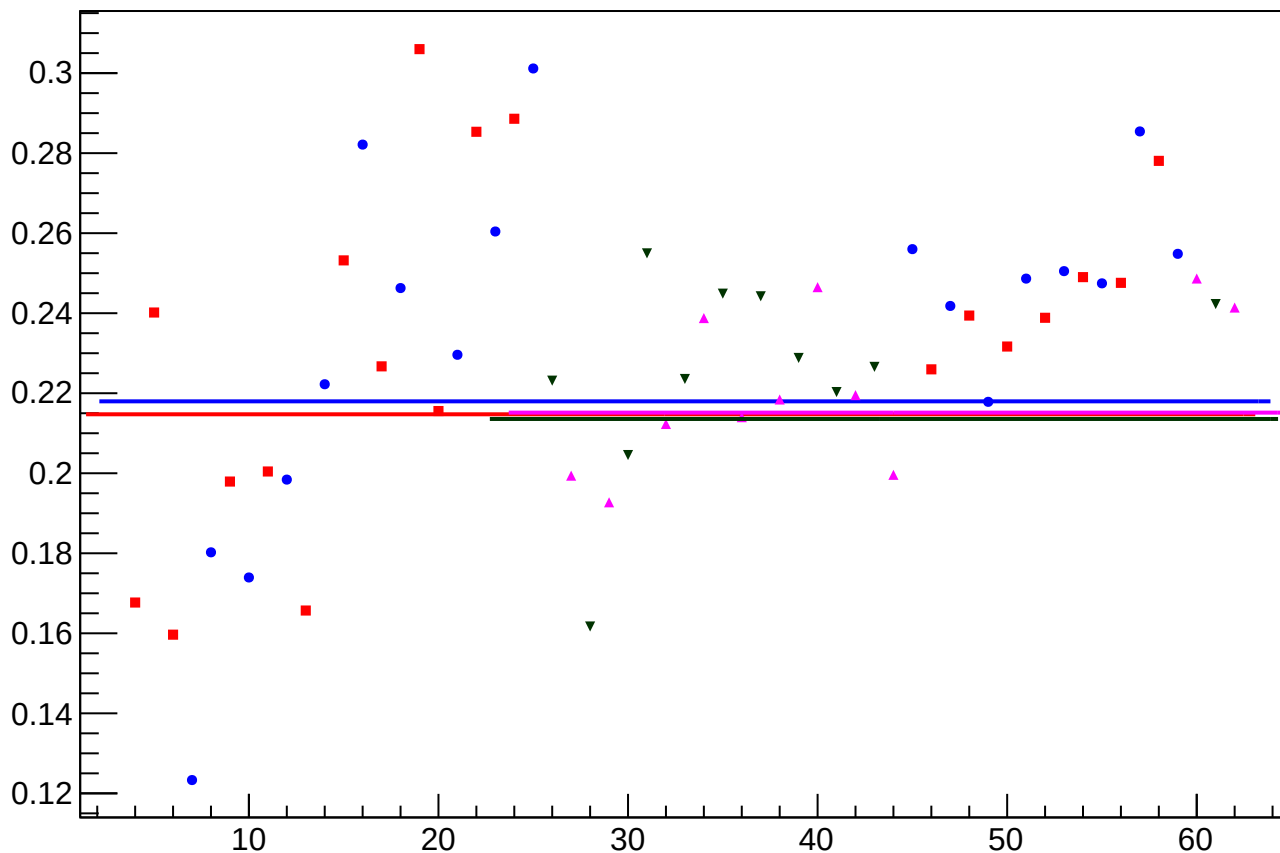
Right Out: 61.513+/-0.000 χ^2/NDF : 15349624825.1/18

Left In: 67.277+/-0.000 χ^2/NDF : 1696013979.2/10

63.700+/-0.000 χ^2/NDF : 25788801162.2/28

63.890+/-0.000 χ^2/NDF : 19598024220.5/29

yield_cav4cQ_rms vs slug



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

Left Out: 0.214+/-0.000 χ^2/NDF : 214073.8/10

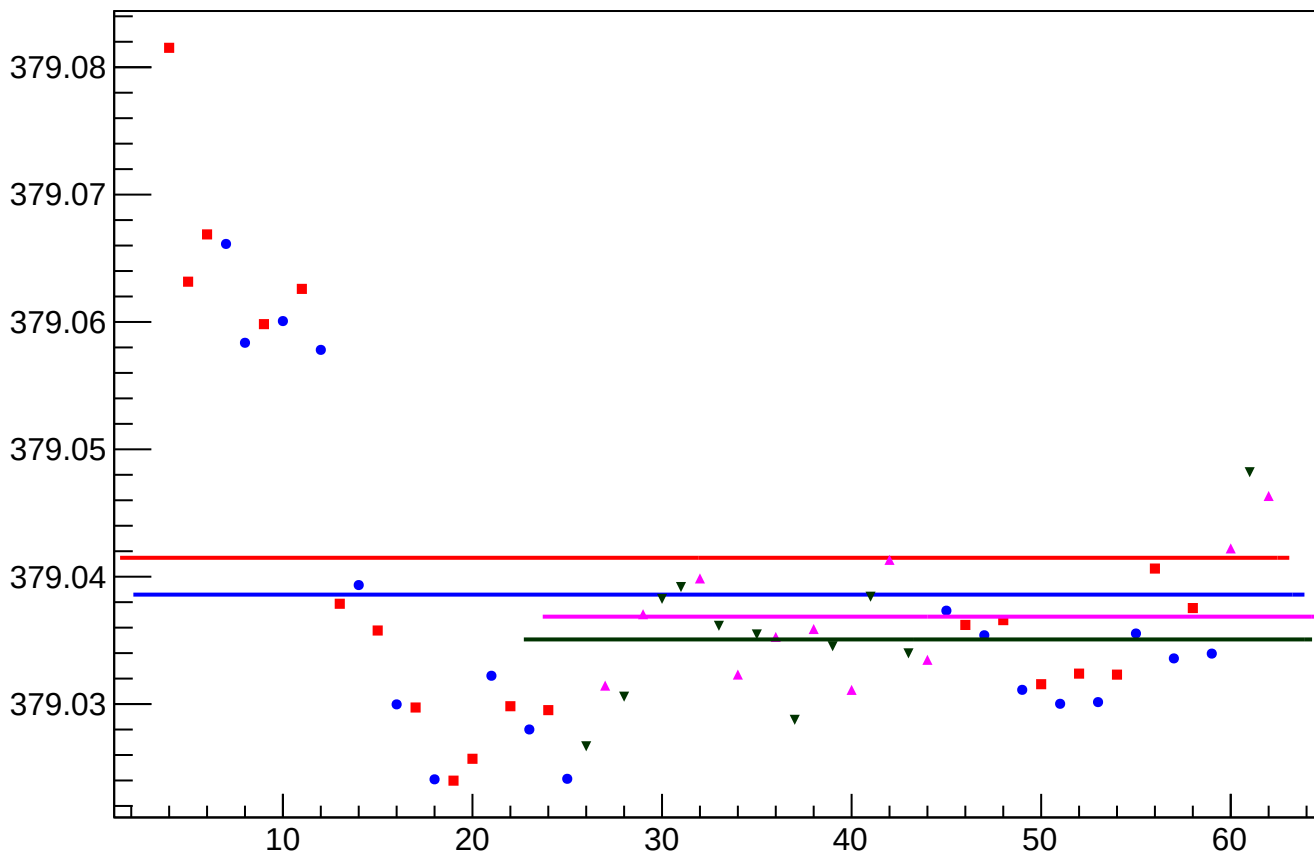
Right Out: 0.215+/-0.000 χ^2/NDF : 631176.3/18

Left In: 0.215+/-0.000 χ^2/NDF : 89356.1/10

0.216+/-0.000 χ^2/NDF : 951576.0/28

0.215+/-0.000 χ^2/NDF : 720558.8/29

yield_cav4dQ_mean vs slug



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

Left Out: 379.035 $\pm$ 0.000 χ^2 /NDF:3441534.2/10

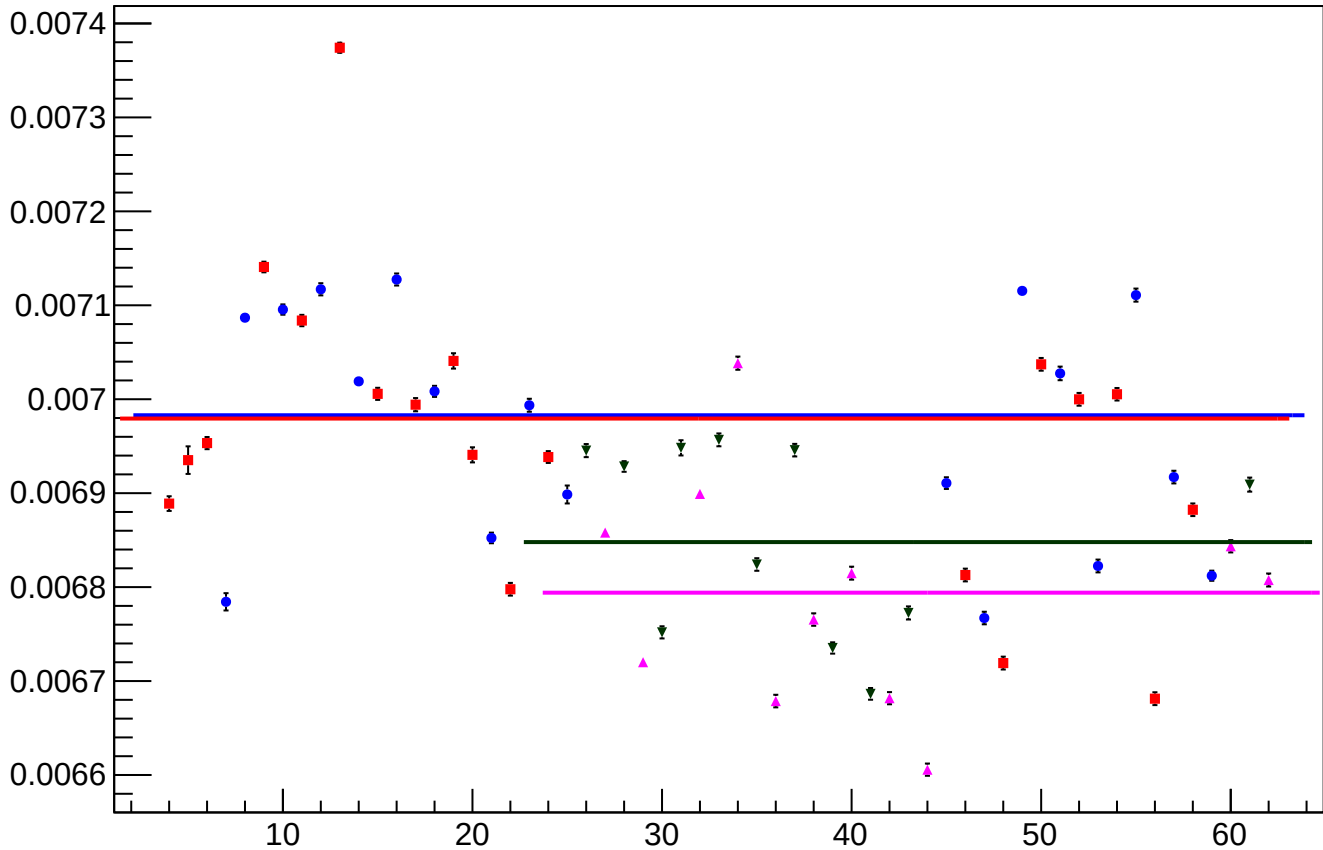
379.037 $\pm$ 0.000 χ^2 /NDF: 38217971.7/28

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

379.040 $\pm$ 0.000 χ^2 /NDF: 51031786.1/29

Left In: 379.037 $\pm$ 0.000 χ^2 /NDF:2937852.3/10

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 : 2451.3/10

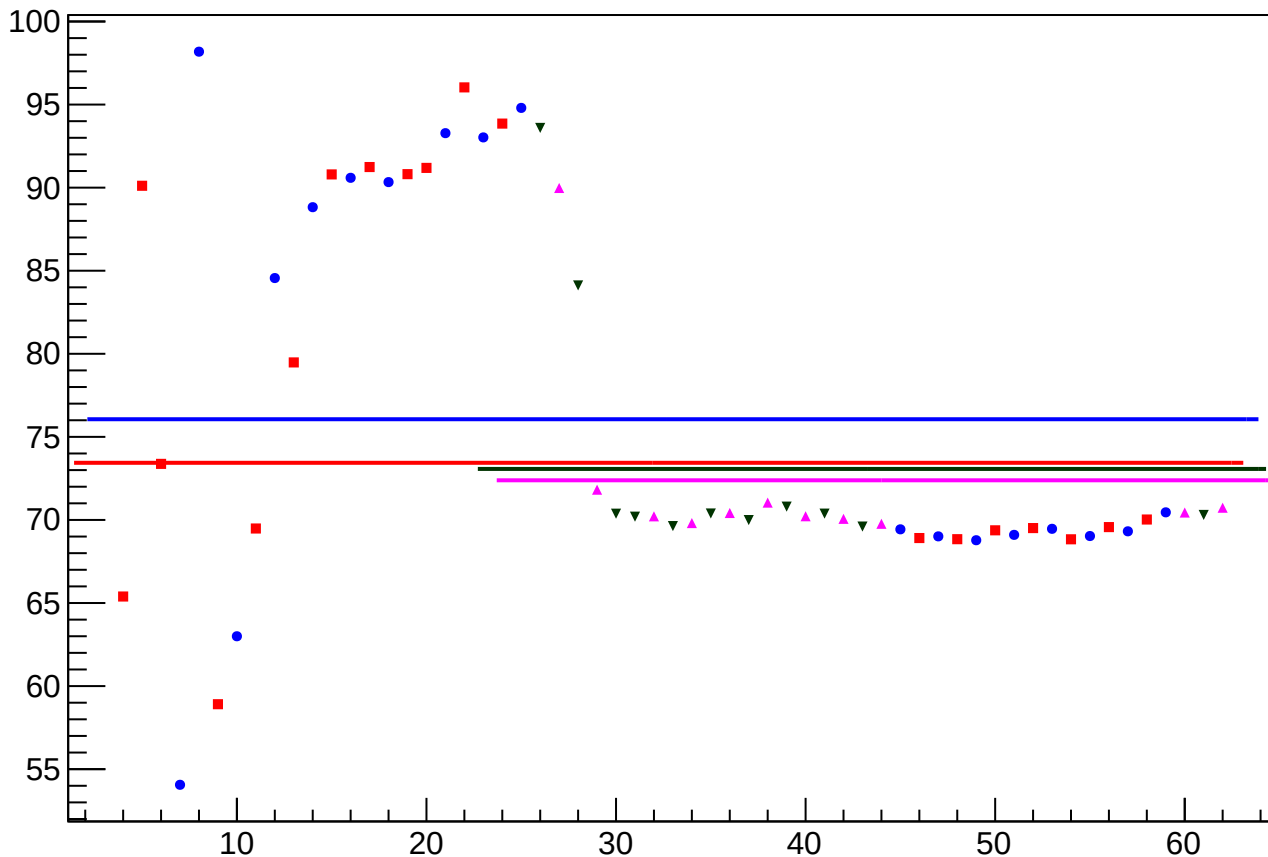
Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 11747.2/18

Left In: 0.007 $\pm$ 0.000 χ^2/NDF : 3497.8/10

0.007 $\pm$ 0.000 χ^2/NDF : 12093.1/28

0.007 $\pm$ 0.000 χ^2/NDF : 21076.6/29

yield_bcm0l02_mean vs slug



Right In: 76.061+/-0.000 χ^2 /NDF: 20787602024.2/17

Left Out: 73.071+/-0.000 χ^2 /NDF: 3765508489.5/10

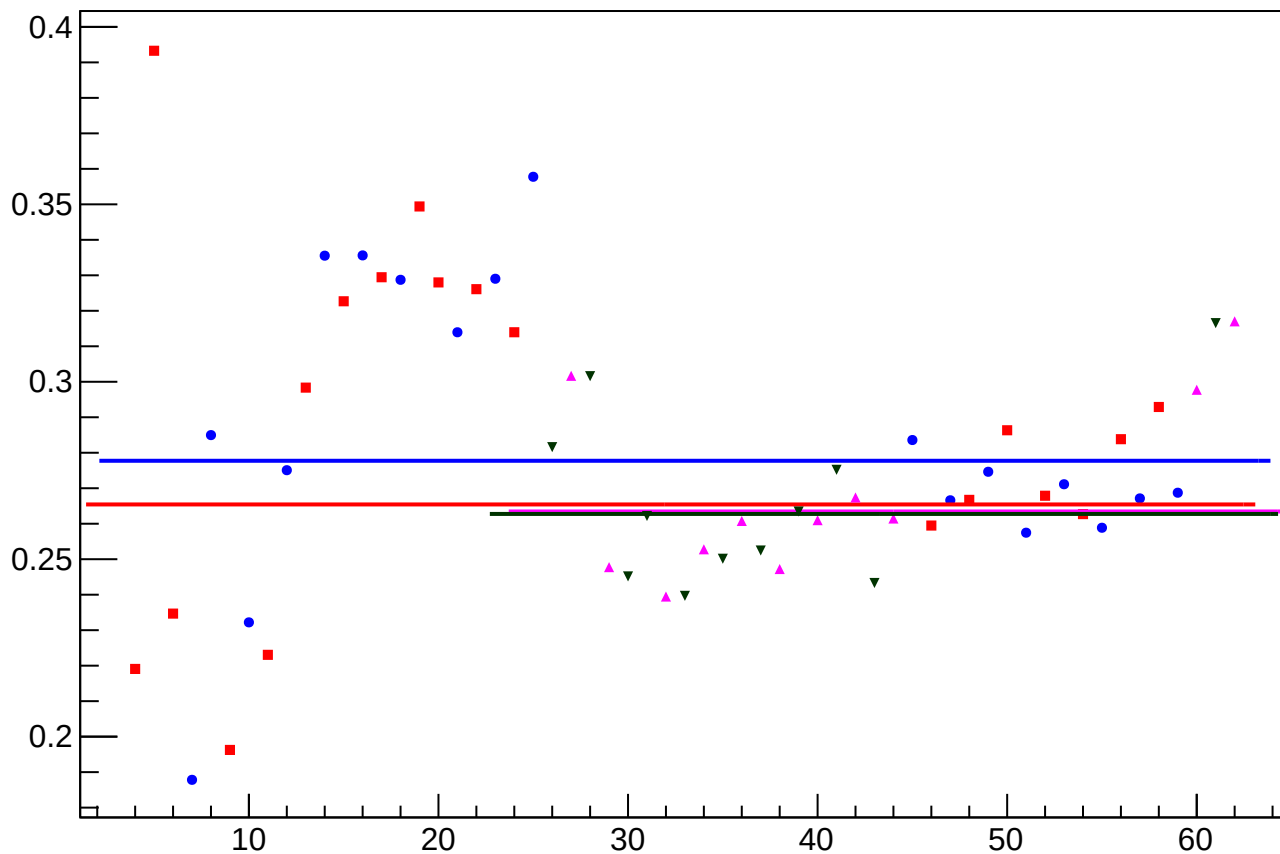
Right Out: 73.439+/-0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.386+/-0.000 χ^2 /NDF: 2968389136.9/10

74.960+/-0.000 χ^2 /NDF: 24989697398.4/28

72.999+/-0.000 χ^2 /NDF: 17767620924.9/29

yield_bcm0l02_rms vs slug



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

Left Out: 0.263+/-0.000 χ^2/NDF : 73224.9/10

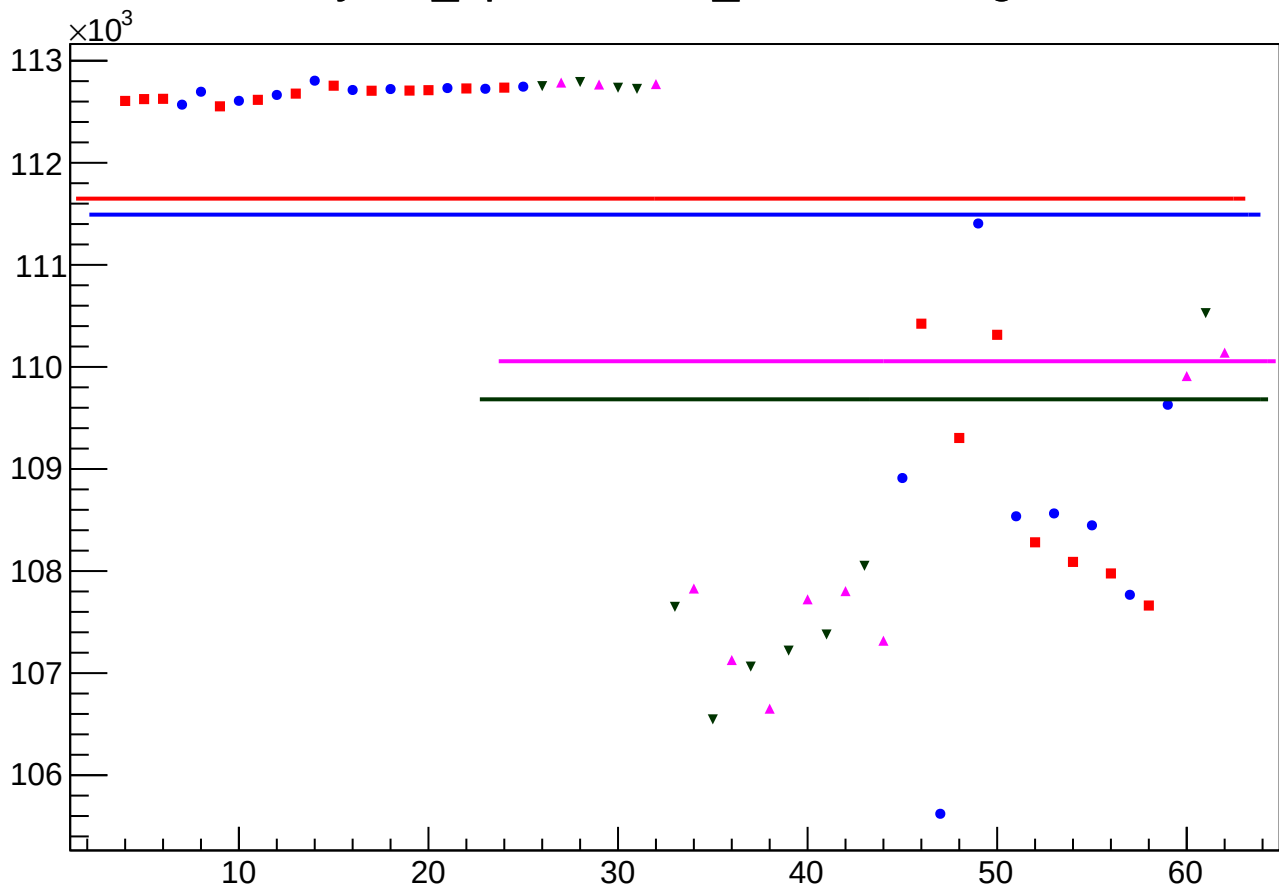
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.263+/-0.000 χ^2/NDF : 94910.6/10

0.272+/-0.000 χ^2/NDF : 465384.2/28

0.265+/-0.000 χ^2/NDF : 598901.4/29

yield_bpm2i01WS_mean vs slug



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

Left Out: 109682.669 $\pm$ 0.052 χ^2 /NDF: 2694177119.5/10

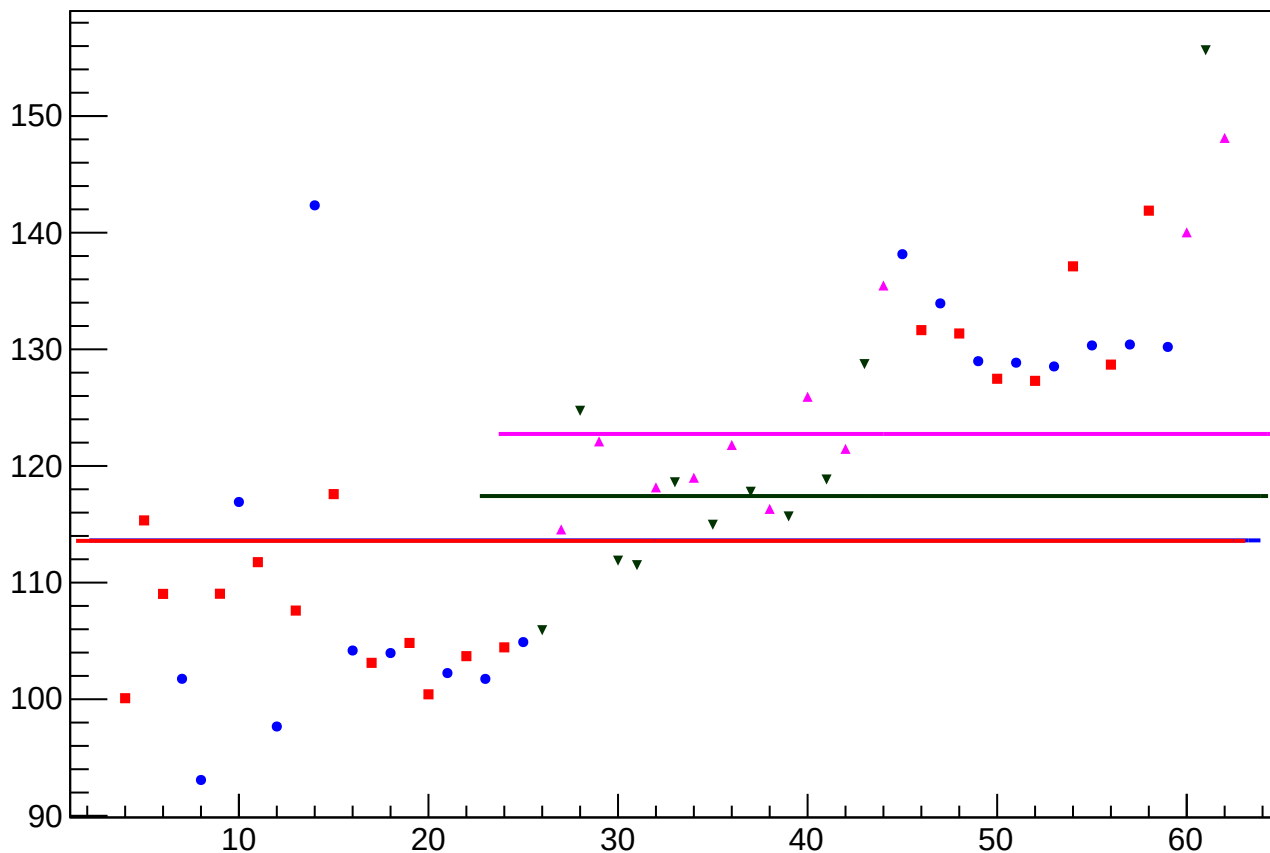
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110055.842 $\pm$ 0.050 χ^2 /NDF: 2590398676.6/10

110930.836 $\pm$ 0.029 χ^2 /NDF: 6697793574.6/28

111087.565 $\pm$ 0.030 χ^2 /NDF: 5534038937.4/29

yield_bpm2i01WS_rms vs slug



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

Left Out: 117.422+/-0.037 χ^2/NDF : 56799.5/10

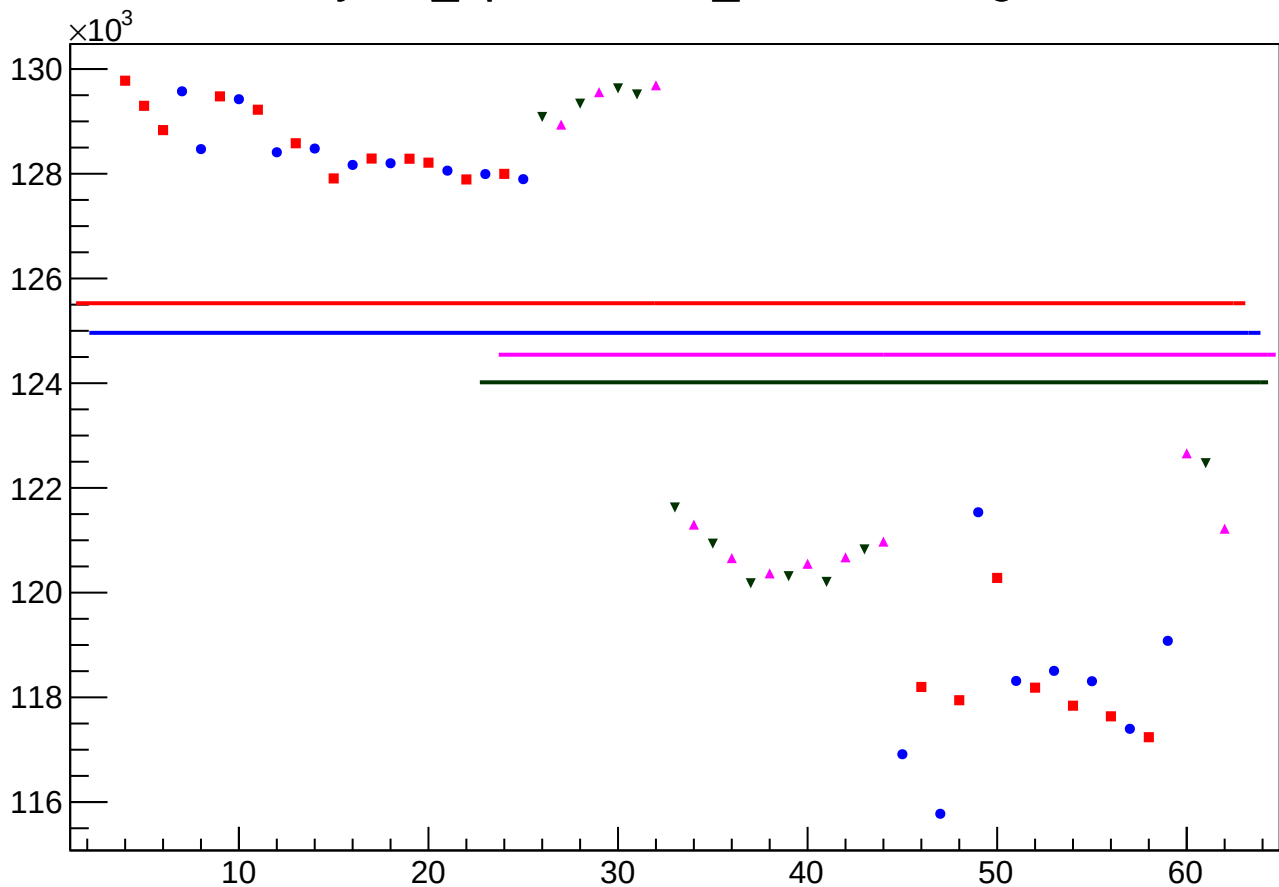
Right Out: 113.579+/-0.026 χ^2/NDF : 206805.2/18

Left In: 122.745+/-0.036 χ^2/NDF : 57168.7/10

114.799+/-0.021 χ^2/NDF : 486499.4/28

116.809+/-0.021 χ^2/NDF : 306671.5/29

yield_bpm0i07WS_mean vs slug



Right In: 124961.680 $\pm$ 0.057 χ^2 /NDF: 7216201458.1/17

Left Out: 124017.068 $\pm$ 0.088 χ^2 /NDF: 2305465180.4/10

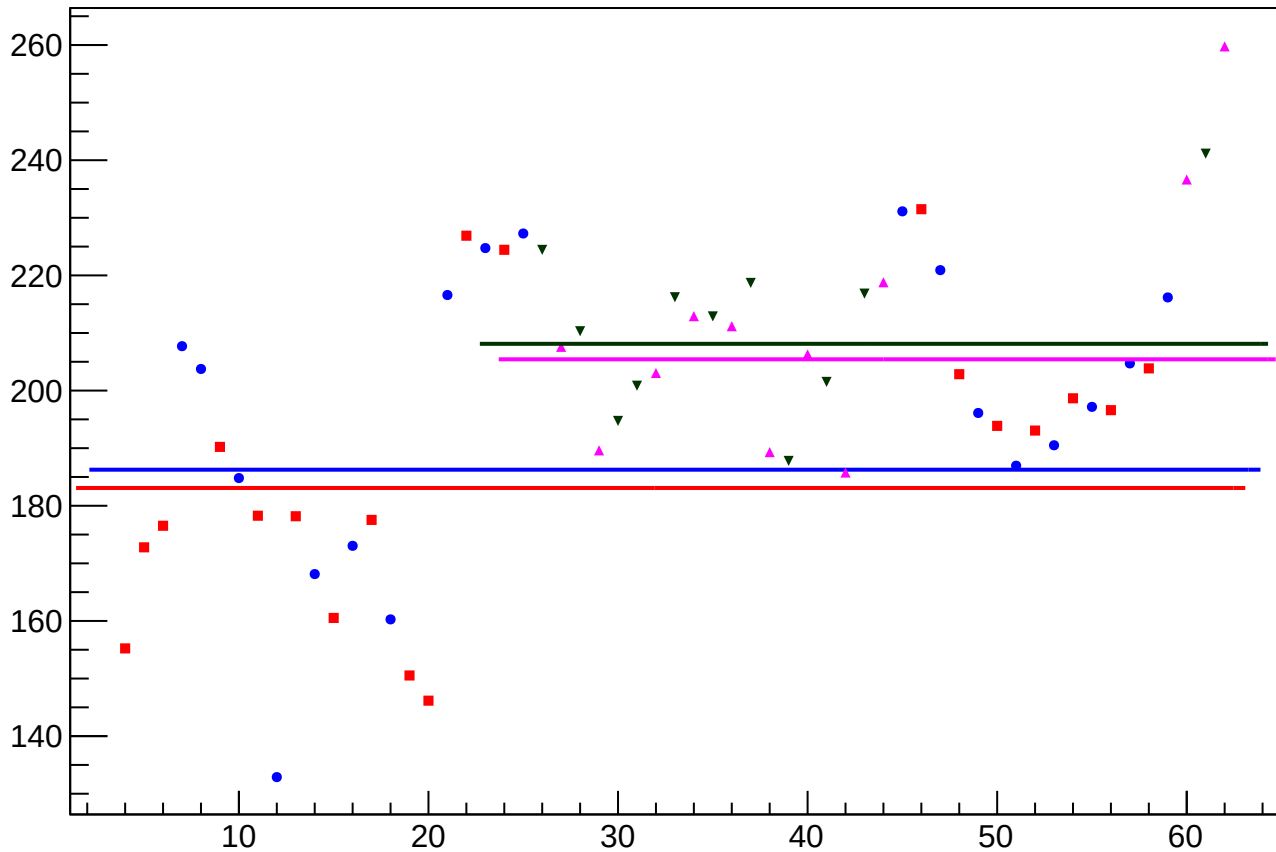
Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18

Left In: 124543.952 $\pm$ 0.081 χ^2 /NDF: 2715216004.1/10

124684.958 $\pm$ 0.048 χ^2 /NDF: 9602726804.9/29

125180.892 $\pm$ 0.048 χ^2 /NDF: 9356432648.5/29

yield_bpm0i07WS_rms vs slug



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

Left Out: 208.120 ± 0.062 χ^2/NDF : 44383.0/10

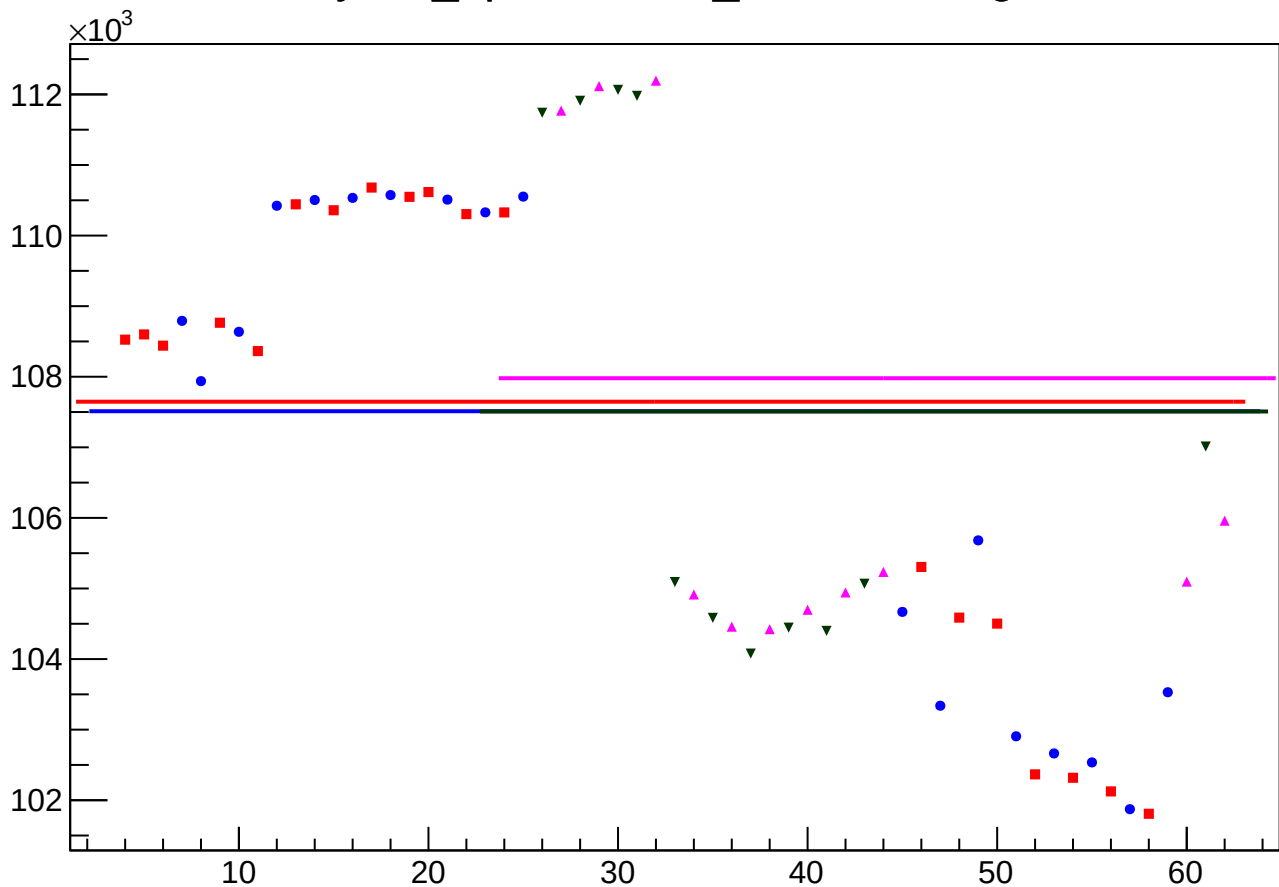
Right Out: 183.088 ± 0.042 χ^2/NDF : 276420.3/18

Left In: 205.430 ± 0.057 χ^2/NDF : 89432.0/10

192.666 ± 0.034 χ^2/NDF : 593575.3/28

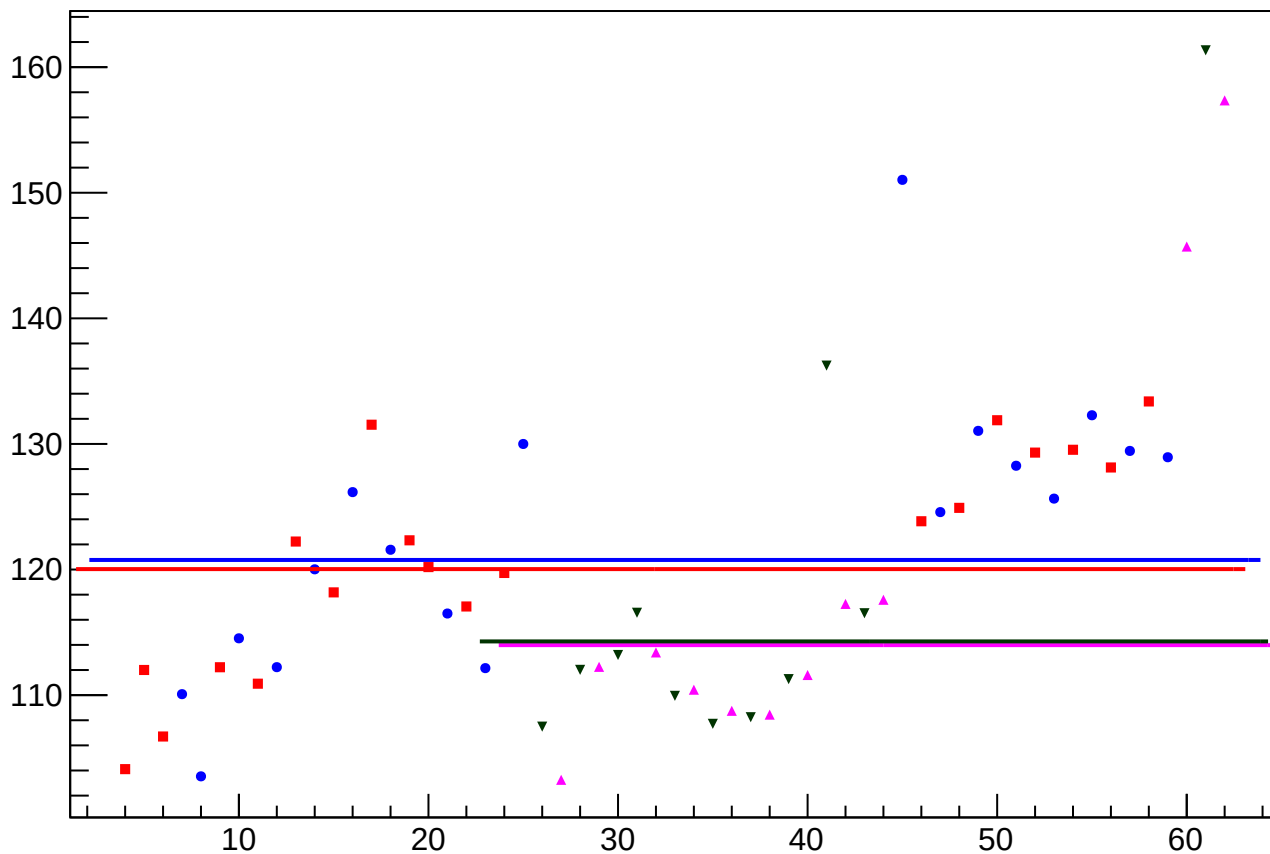
190.955 ± 0.034 χ^2/NDF : 464983.8/29

yield_bpm0l01WS_mean vs slug



Right In: 107511.375 $\pm$ 0.037	χ^2 /NDF: 7545366390.6/17	107510.095 $\pm$ 0.029	χ^2 /NDF: 12869406074.7/2
Left Out: 107507.827 $\pm$ 0.049	χ^2 /NDF: 5324036291.9/10		
Right Out: 107646.372 $\pm$ 0.039	χ^2 /NDF: 6547636060.9/18	107788.711 $\pm$ 0.029	χ^2 /NDF: 12851160968.6/2
Left In: 107978.804 $\pm$ 0.045	χ^2 /NDF: 6272292053.1/10		

yield_bpm0l01WS_rms vs slug



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

Left Out: 114.277+/-0.034 χ^2/NDF : 94475.9/10

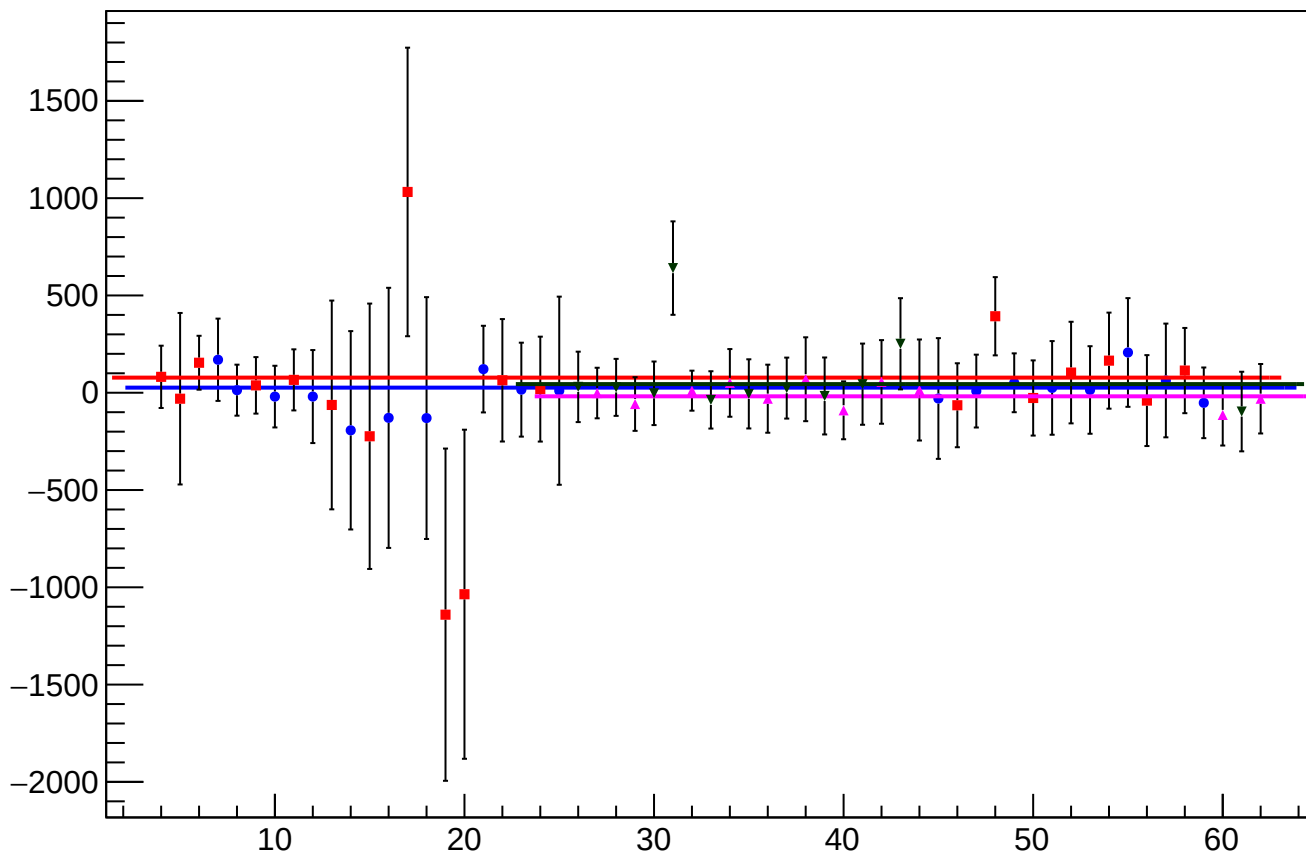
Right Out: 120.035+/-0.028 χ^2/NDF : 93920.3/18

Left In: 113.981+/-0.032 χ^2/NDF : 133994.7/10

118.424+/-0.021 χ^2/NDF : 272874.6/28

117.443+/-0.021 χ^2/NDF : 248627.7/29

asym_bcm_an_ds_mean vs slug



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

Left Out: 44.420 ± 54.149 χ^2/NDF : 8.0/10

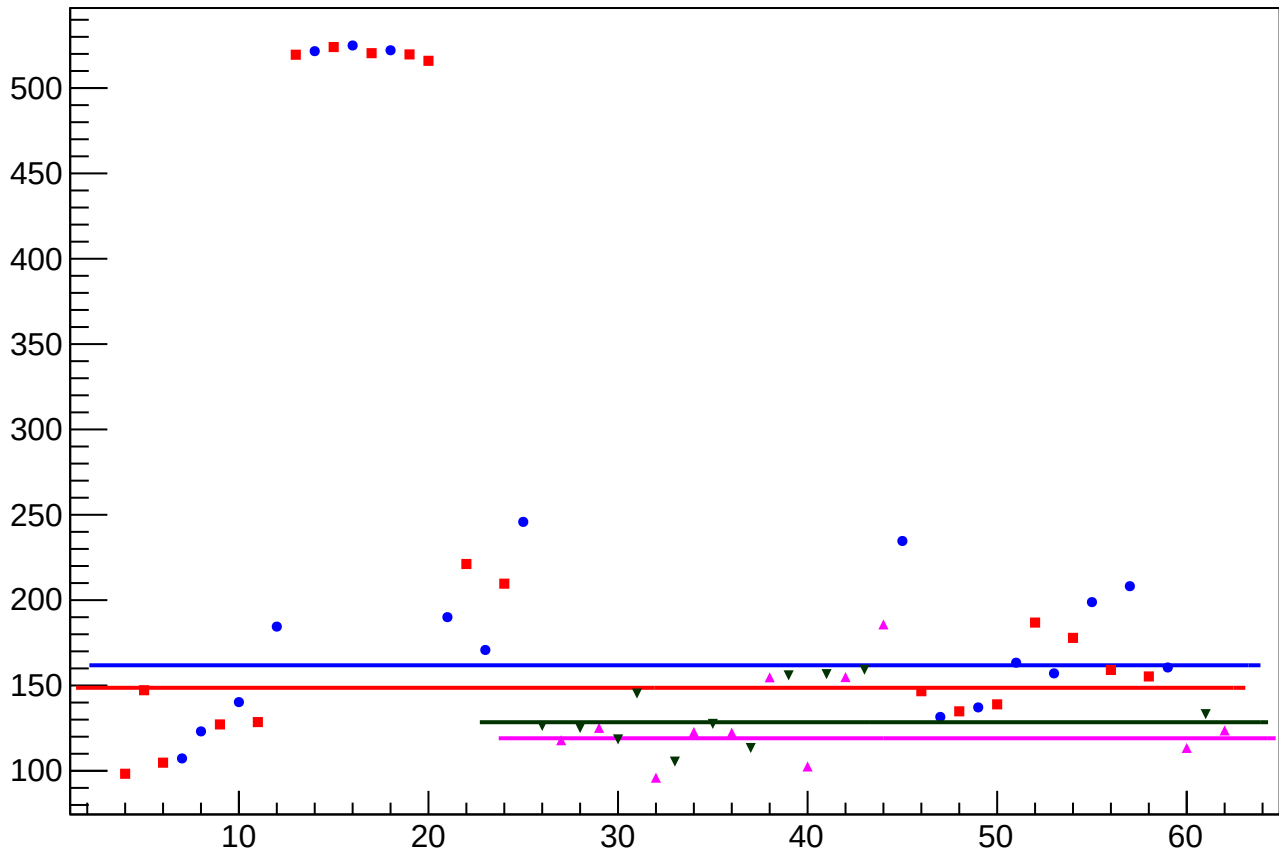
Right Out: 77.703 ± 52.586 χ^2/NDF : 9.8/18

Left In: -18.422 ± 47.286 χ^2/NDF : 1.3/10

35.054 ± 37.696 χ^2/NDF : 9.8/28

24.553 ± 35.161 χ^2/NDF : 12.9/29

asym_bcm_an_ds_rms vs slug



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

Left Out: 128.481+/-0.038 χ^2/NDF :196918.8/10

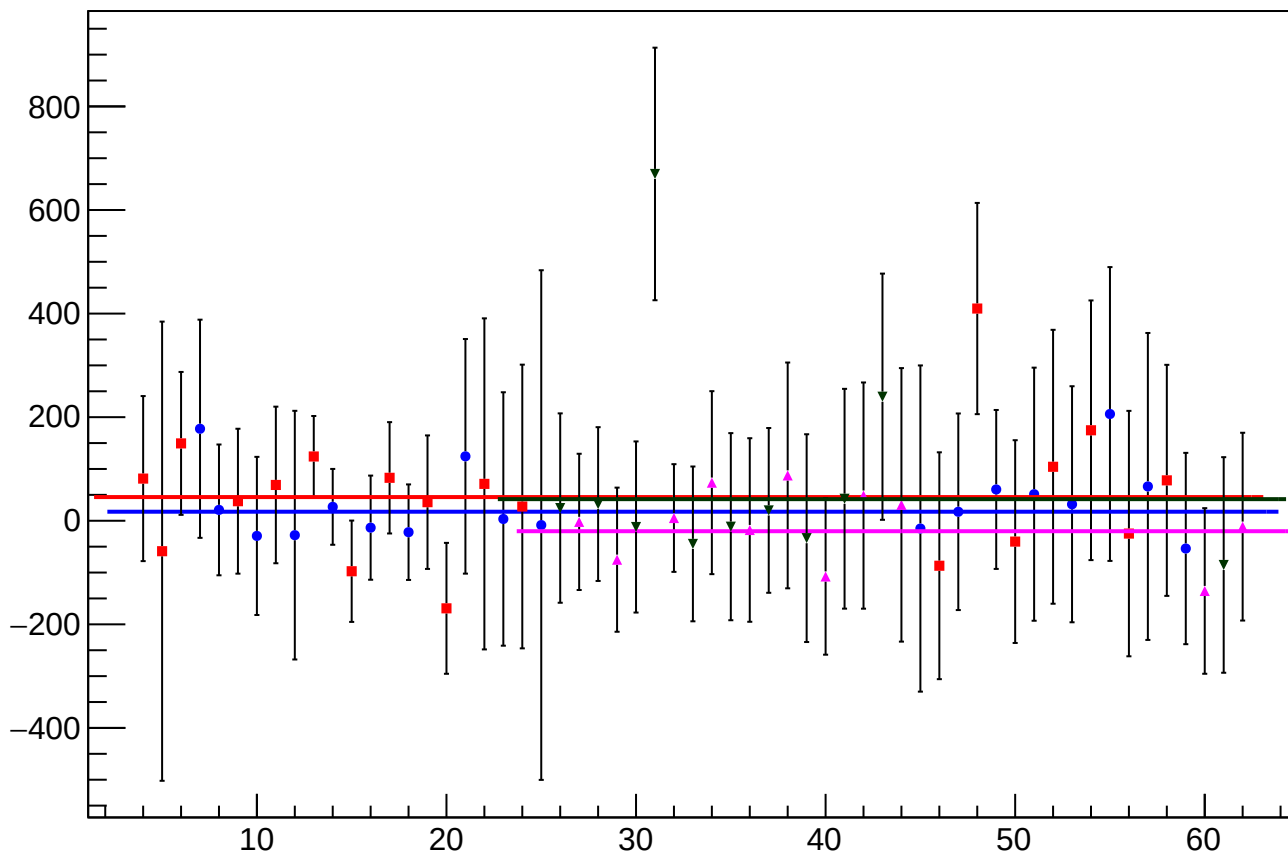
145.670+/-0.027 χ^2/NDF : 3606853.9/28

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

132.298+/-0.025 χ^2/NDF : 4321896.1/29

Left In: 119.079+/-0.033 χ^2/NDF :377714.2/10

asym_bcm_an_ds3_mean vs slug



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

Left Out: 41.729 ± 54.921 χ^2/NDF : 8.4/10

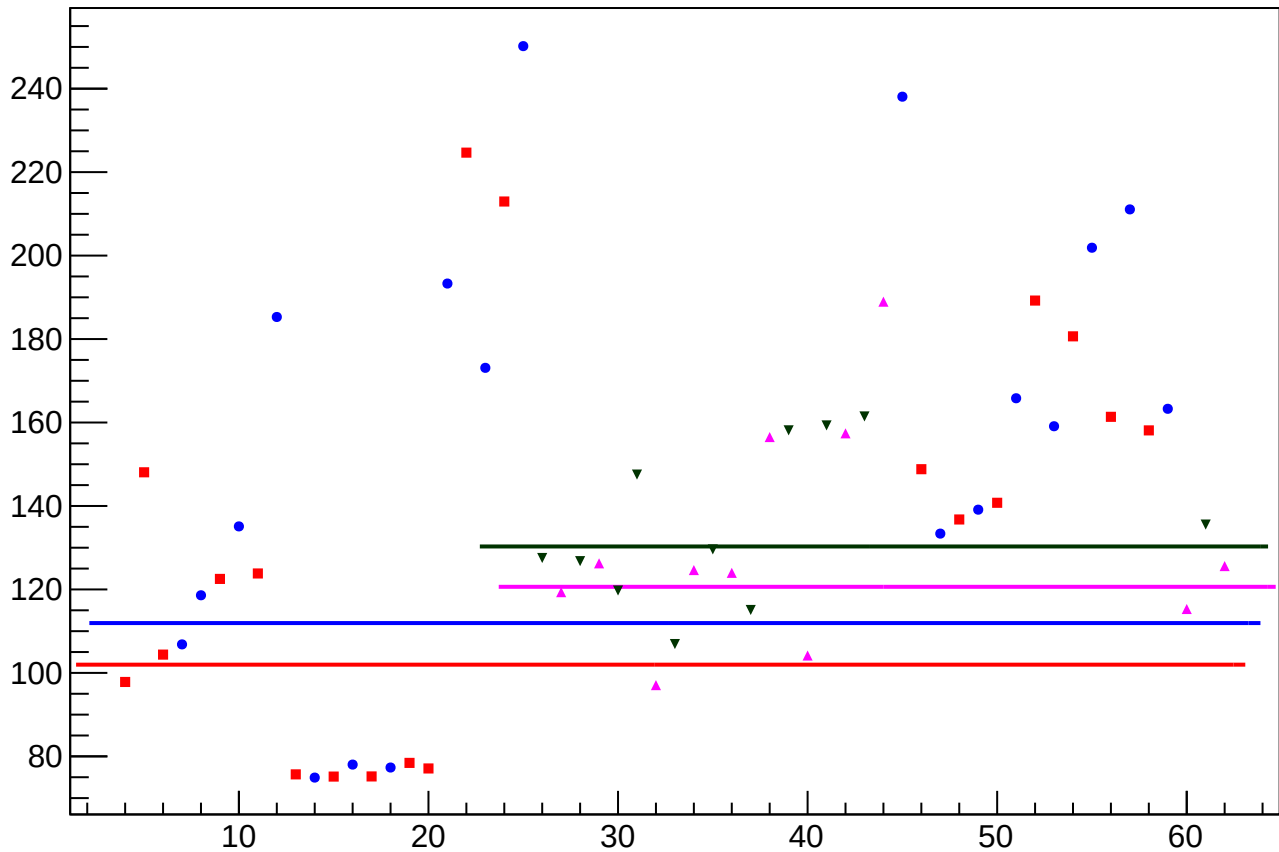
Right Out: 45.735 ± 34.677 χ^2/NDF : 11.0/18

Left In: -20.188 ± 47.914 χ^2/NDF : 1.8/10

24.841 ± 30.291 χ^2/NDF : 10.5/28

23.074 ± 28.092 χ^2/NDF : 14.0/29

asym_bcm_an_ds3_rms vs slug



Right In: 111.942 $\pm$ 0.026 χ^2 /NDF: 2972725.0/17

Left Out: 130.296 $\pm$ 0.039 χ^2 /NDF:198538.6/10

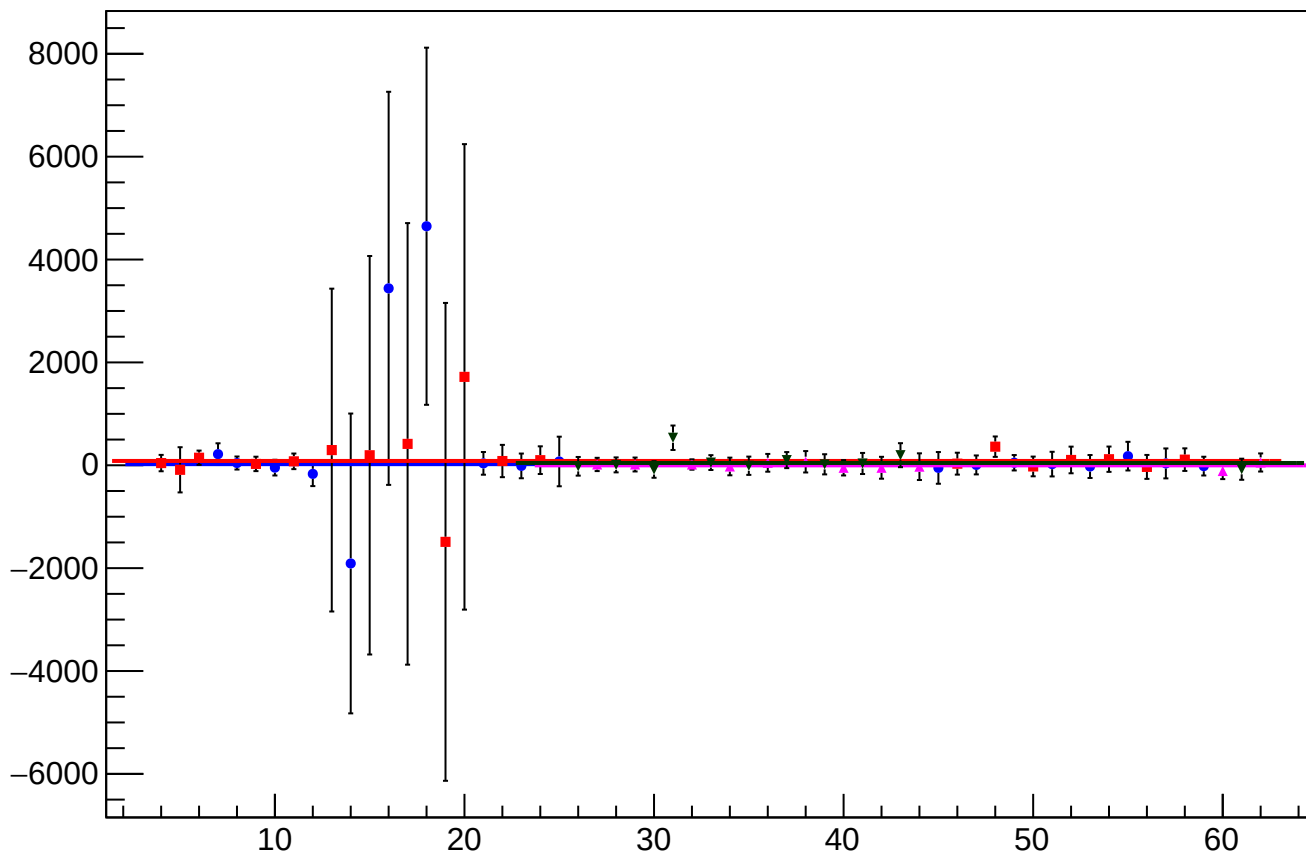
Right Out: 101.974 $\pm$ 0.025 χ^2 /NDF: 2271871.2/18

Left In: 120.631 $\pm$ 0.034 χ^2 /NDF:380218.6/10

117.525 $\pm$ 0.021 χ^2 /NDF: 3326694.9/28

108.387 $\pm$ 0.020 χ^2 /NDF: 2851099.9/29

asym_bcm_an_us_mean vs slug



Right In: 21.772 $\pm$ 52.365 χ^2 /NDF: 5.3/17

Left Out: 44.866 $\pm$ 53.707 χ^2 /NDF: 6.1/10

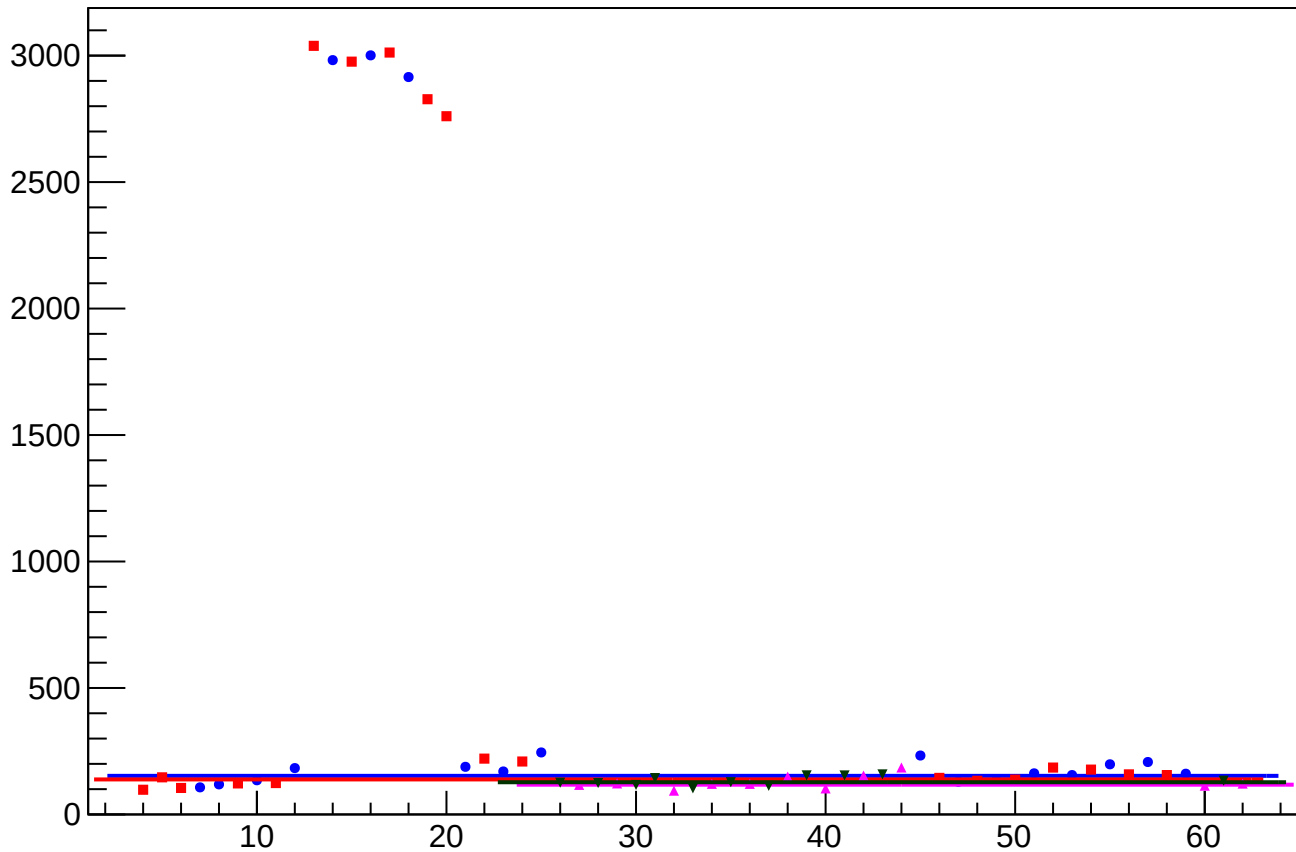
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -1.547 $\pm$ 46.730 χ^2 /NDF: 1.0/10

33.027 $\pm$ 37.493 χ^2 /NDF: 11.4/28

36.200 $\pm$ 34.945 χ^2 /NDF: 6.0/29

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 127.323+/-0.038 χ^2/NDF : 203210.0/10

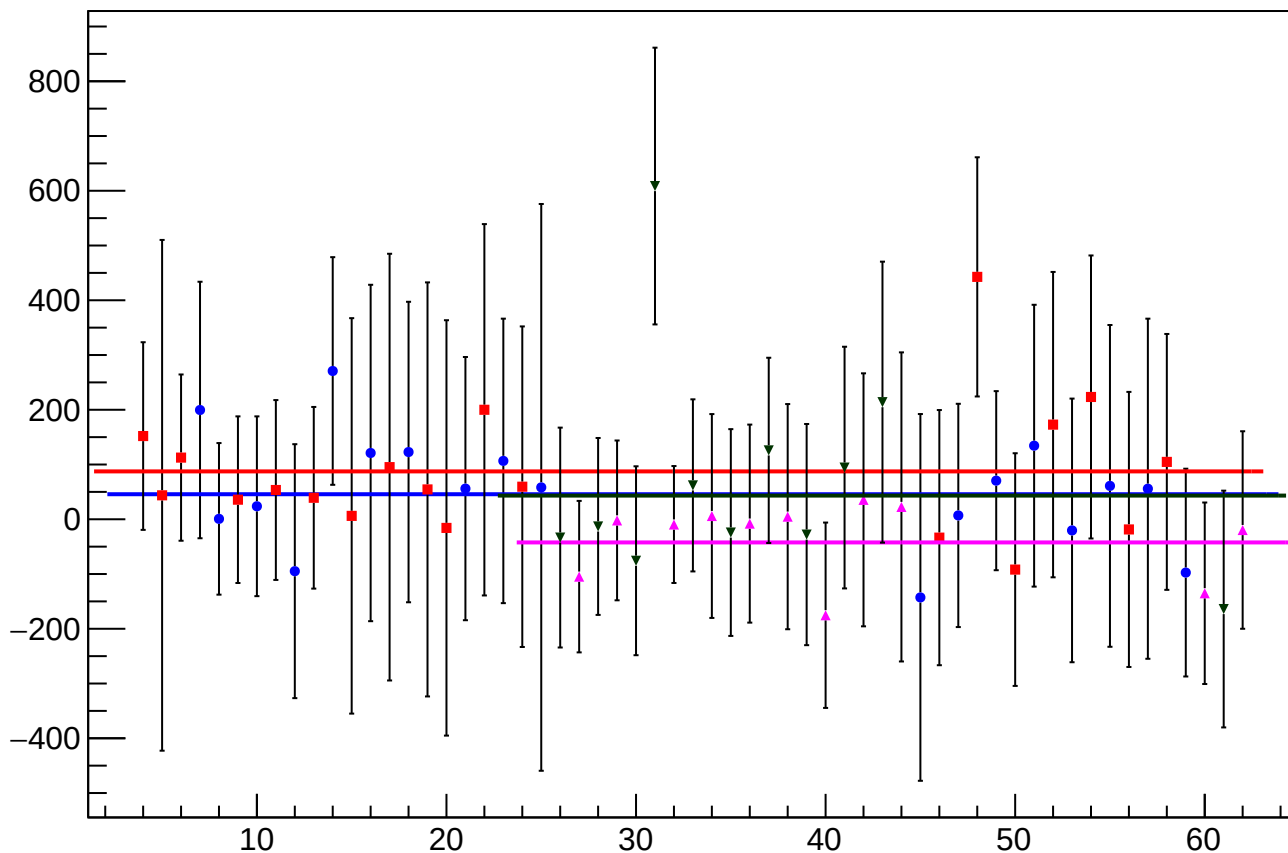
Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

Left In: 117.672+/-0.033 χ^2/NDF : 377387.3/10

140.296+/-0.027 χ^2/NDF : 5448464.8/28

126.833+/-0.025 χ^2/NDF : 6286333.1/29

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 43.262+/-57.983 χ^2/NDF : 7.7/10

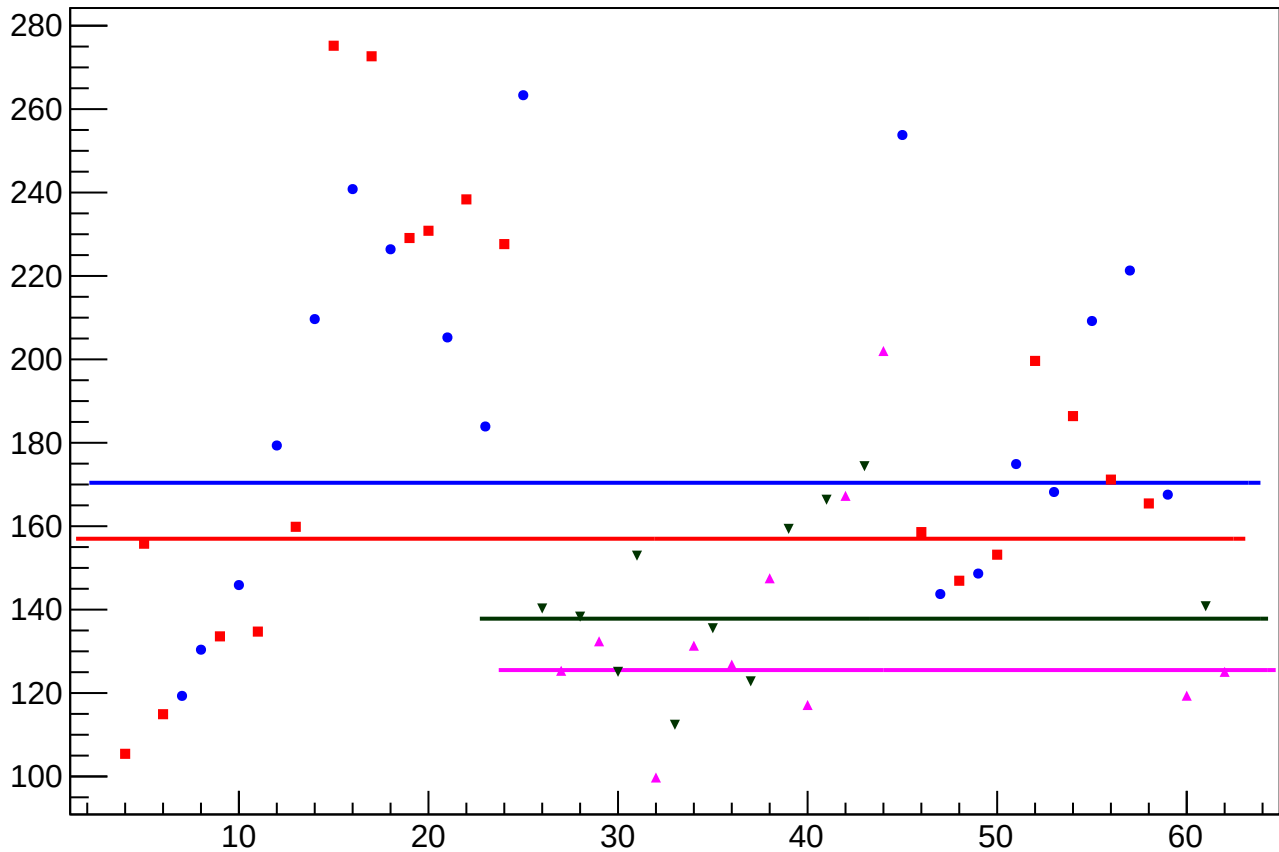
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -42.308+/-49.796 χ^2/NDF : 1.6/10

44.621+/-38.960 χ^2/NDF : 11.1/28

19.829+/-35.945 χ^2/NDF : 9.7/29

asym_bcm_dg_us_rms vs slug



Right In: 170.412 $\pm$ 0.037 χ^2 /NDF: 964671.4/17

Left Out: 137.831 $\pm$ 0.041 χ^2 /NDF:183914.4/10

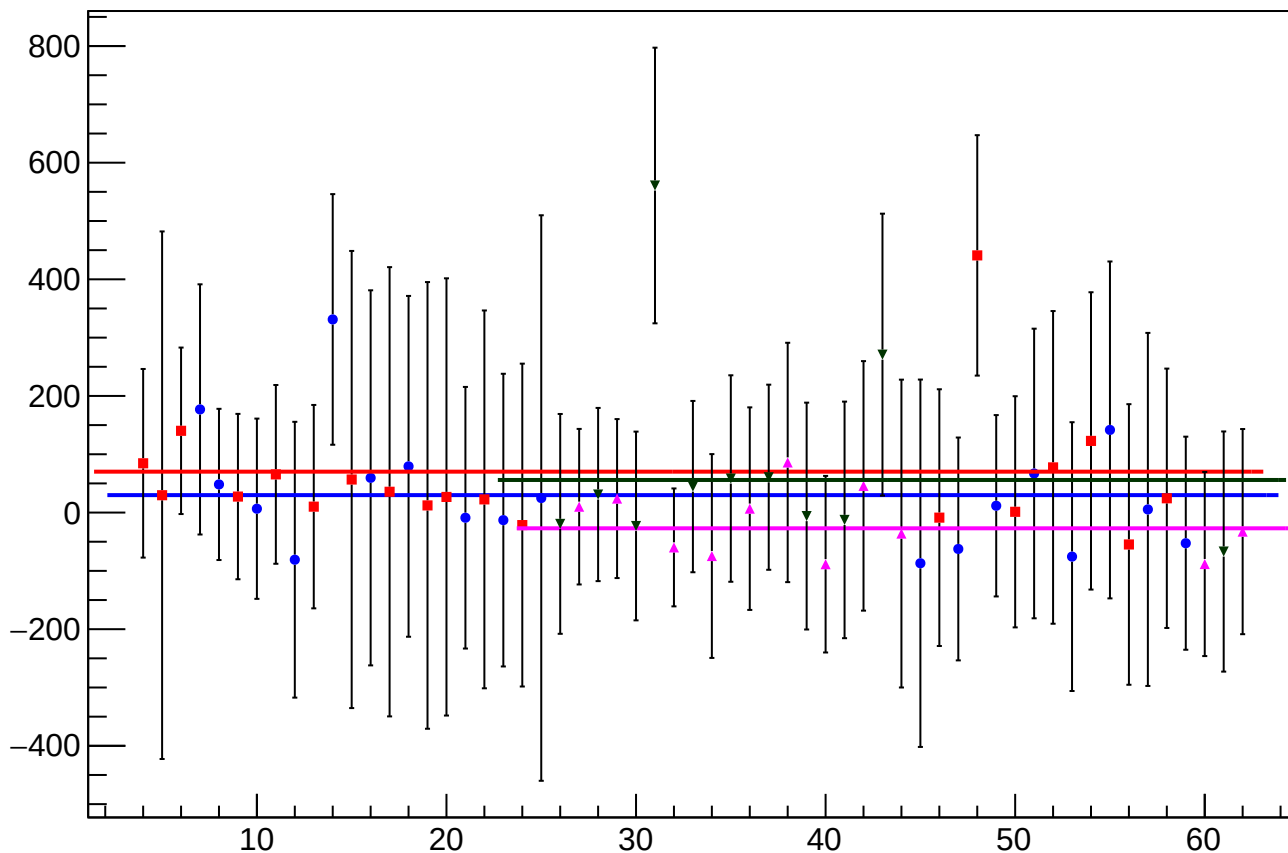
155.703 $\pm$ 0.028 χ^2 /NDF: 1494977.3/28

Right Out: 156.997 $\pm$ 0.037 χ^2 /NDF: 1276447.5/18

140.589 $\pm$ 0.025 χ^2 /NDF: 2025170.7/29

Left In: 125.508 $\pm$ 0.035 χ^2 /NDF:365701.9/10

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 55.890+/-54.319 χ^2/NDF : 6.4/10

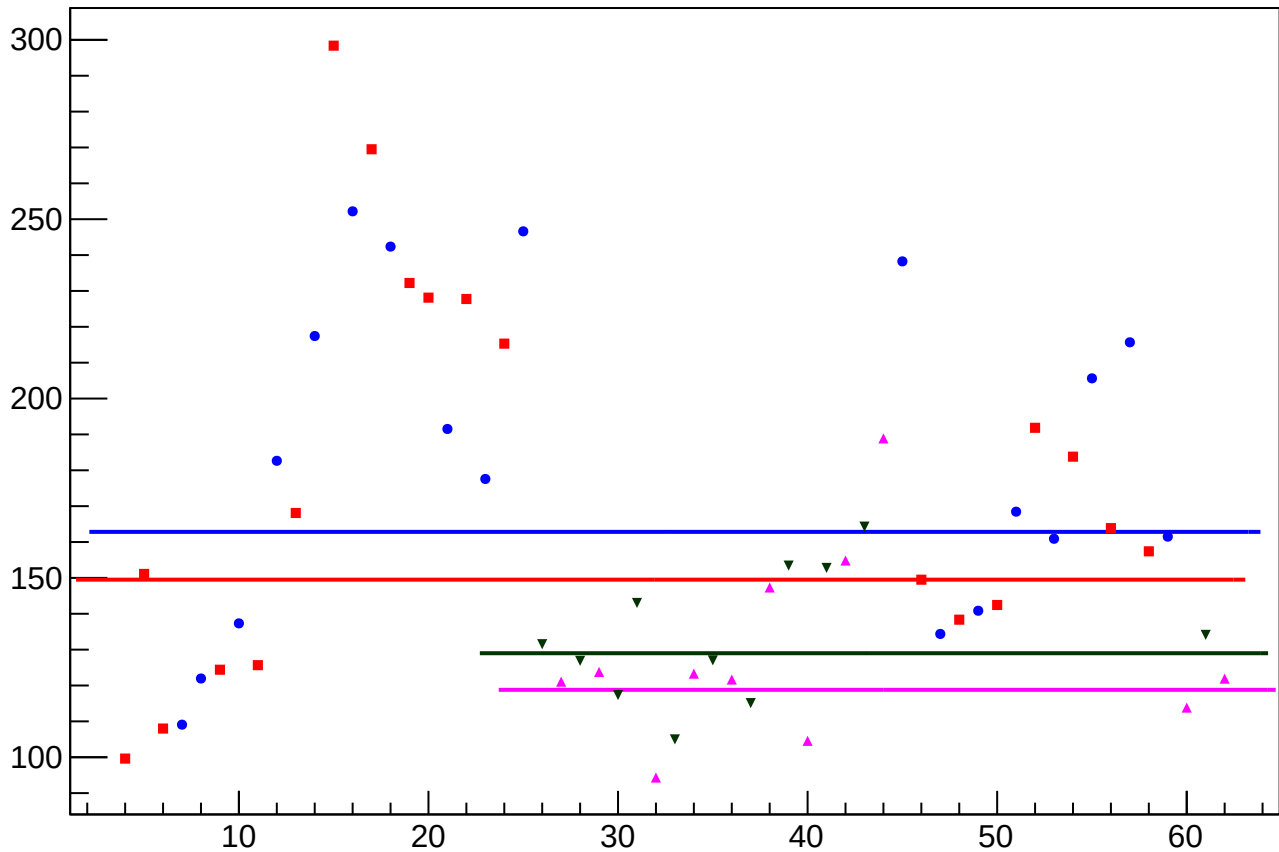
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -26.993+/-47.154 χ^2/NDF : 1.2/10

41.983+/-37.021 χ^2/NDF : 10.3/28

18.949+/-34.234 χ^2/NDF : 7.7/29

asym_bcm_dg_ds_rms vs slug



Right In: 162.833+/-0.036 χ^2/NDF : 1229021.5/17

Left Out: 128.999+/-0.038 χ^2/NDF :190176.7/10

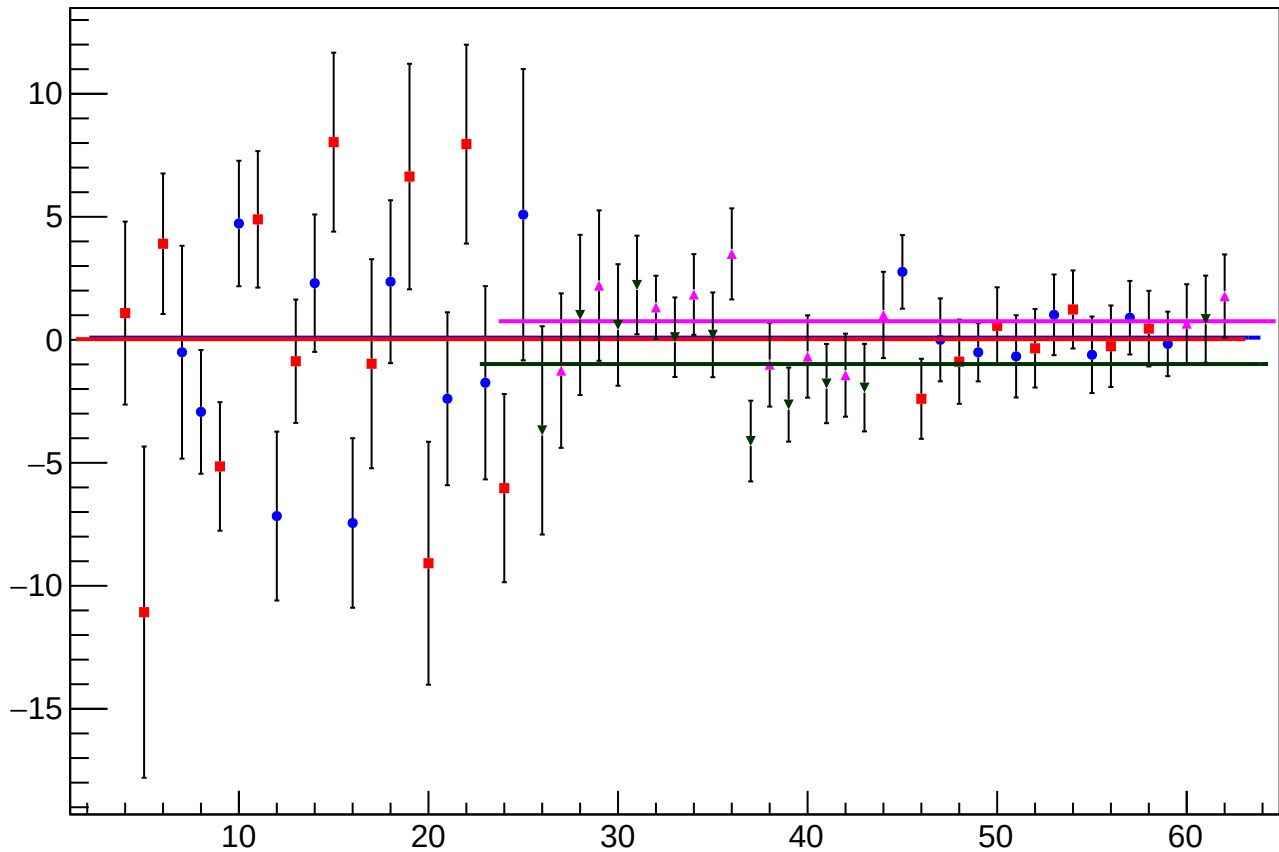
Right Out: 149.507+/-0.035 χ^2/NDF : 1490705.1/18

Left In: 118.794+/-0.033 χ^2/NDF :378872.3/10

147.117+/-0.026 χ^2/NDF : 1834724.8/28

133.319+/-0.024 χ^2/NDF : 2270808.9/29

asym_cav4bQ_mean vs slug



Right In: 0.089 $\pm$ 0.466 χ^2 /NDF: 21.1/17

Left Out: -0.985 $\pm$ 0.567 χ^2 /NDF:11.1/10

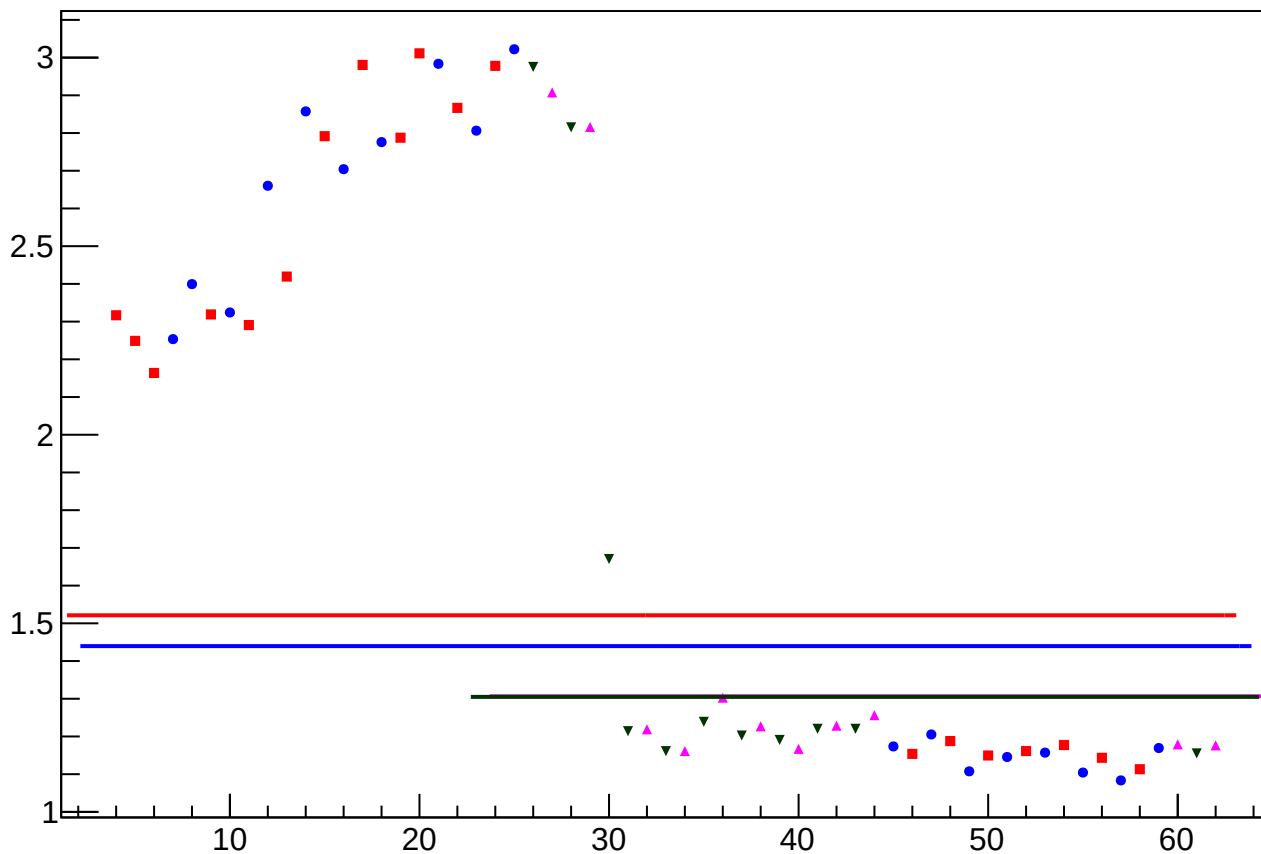
Right Out: 0.028 $\pm$ 0.520 χ^2 /NDF: 31.9/18

Left In: 0.756 $\pm$ 0.528 χ^2 /NDF:7.3/10

-0.344 $\pm$ 0.360 χ^2 /NDF: 34.3/28

0.387 $\pm$ 0.370 χ^2 /NDF: 40.2/29

asym_cav4bQ_rms vs slug



Right In: 1.440+/-0.000 χ^2/NDF : 3409388.4/17

Left Out: 1.305+/-0.000 χ^2/NDF : 851642.8/10

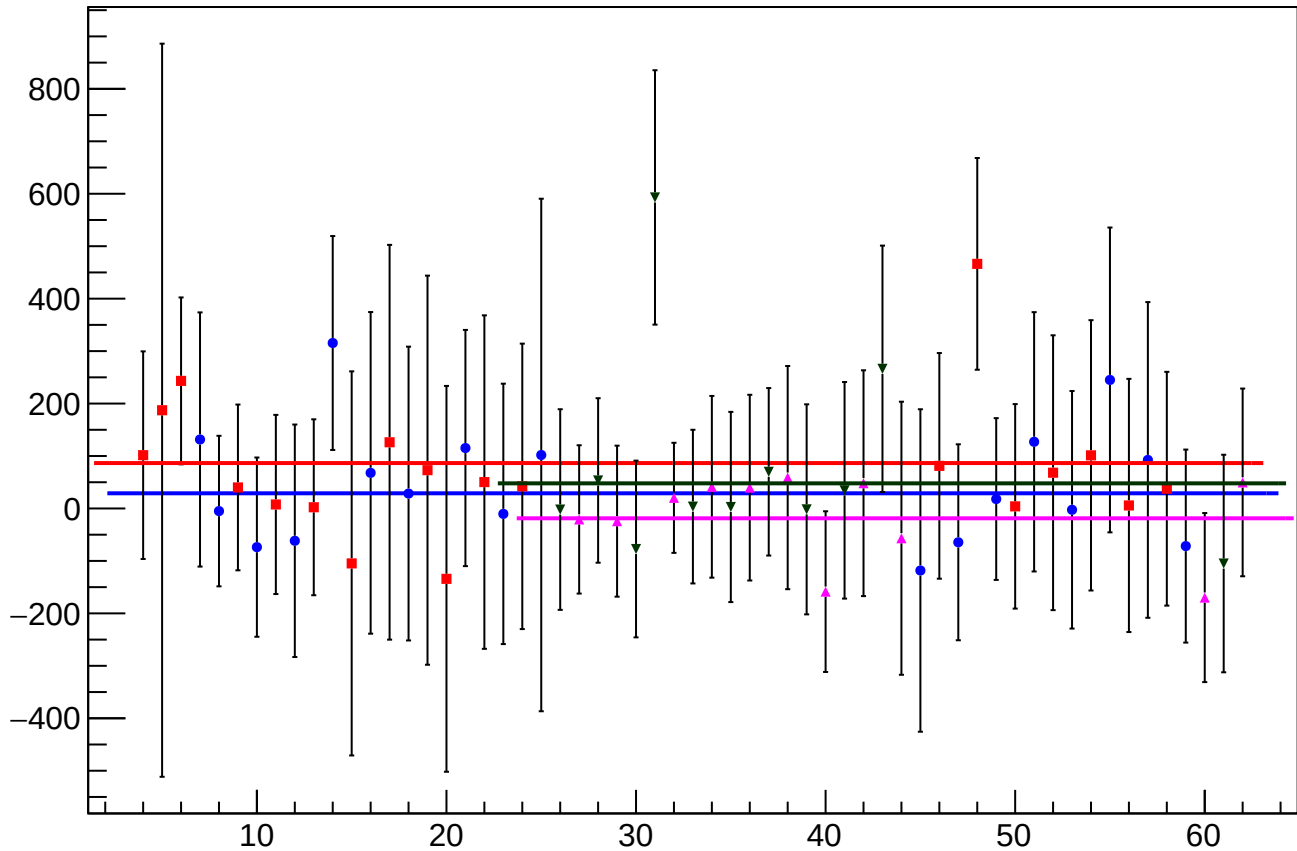
Right Out: 1.521+/-0.000 χ^2/NDF : 2870549.2/18

Left In: 1.307+/-0.000 χ^2/NDF : 1081563.2/10

1.385+/-0.000 χ^2/NDF : 4328401.2/28

1.416+/-0.000 χ^2/NDF : 4120205.0/29

asym_cav4cQ_mean vs slug



Right In: 28.930+/-51.478 χ^2/NDF : 4.5/17

Left Out: 47.890+/-55.364 χ^2/NDF : 7.3/10

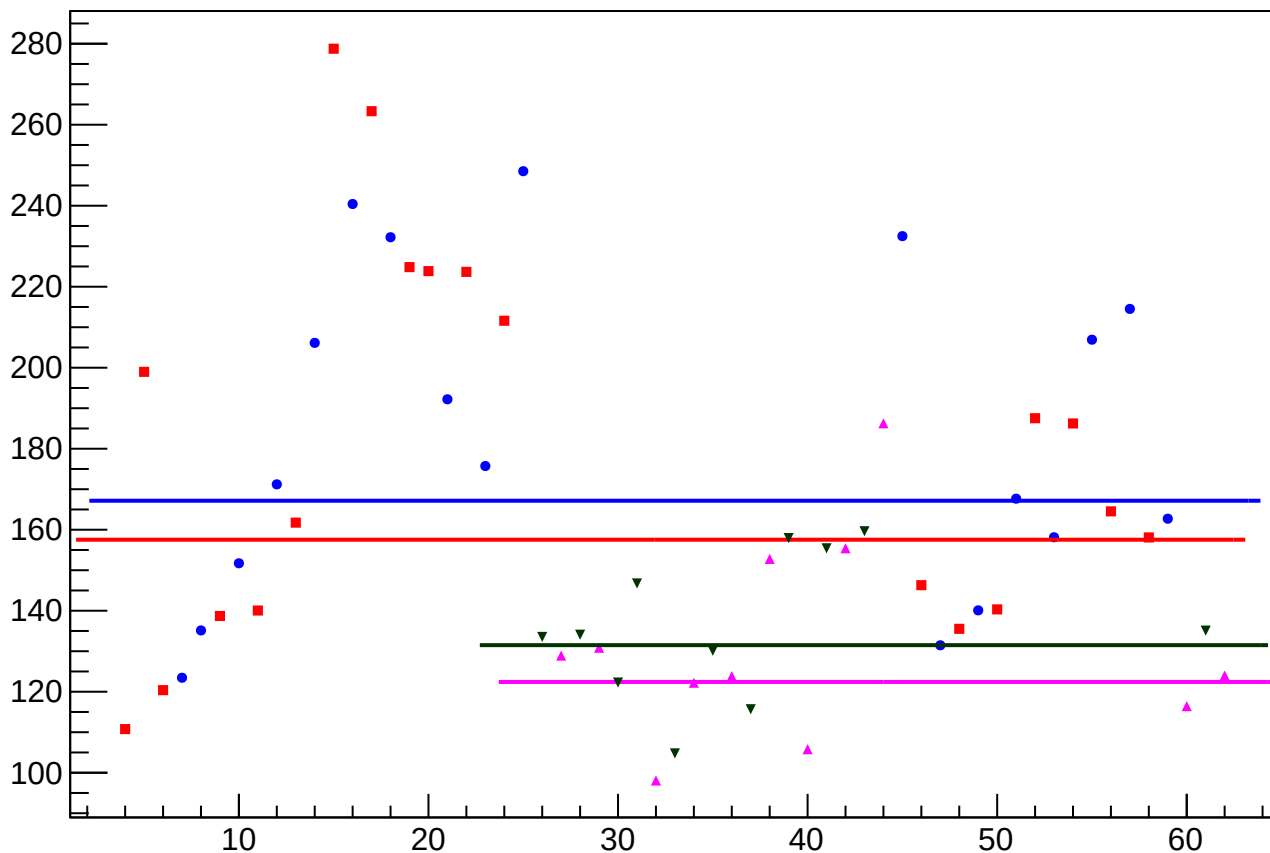
Right Out: 86.558+/-52.059 χ^2/NDF : 6.1/18

Left In: -18.749+/-48.500 χ^2/NDF : 2.5/10

37.721+/-37.700 χ^2/NDF : 11.9/28

30.182+/-35.486 χ^2/NDF : 10.8/29

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF : 875808.6/17

Left Out: 131.499+/-0.039 χ^2/NDF :191952.4/10

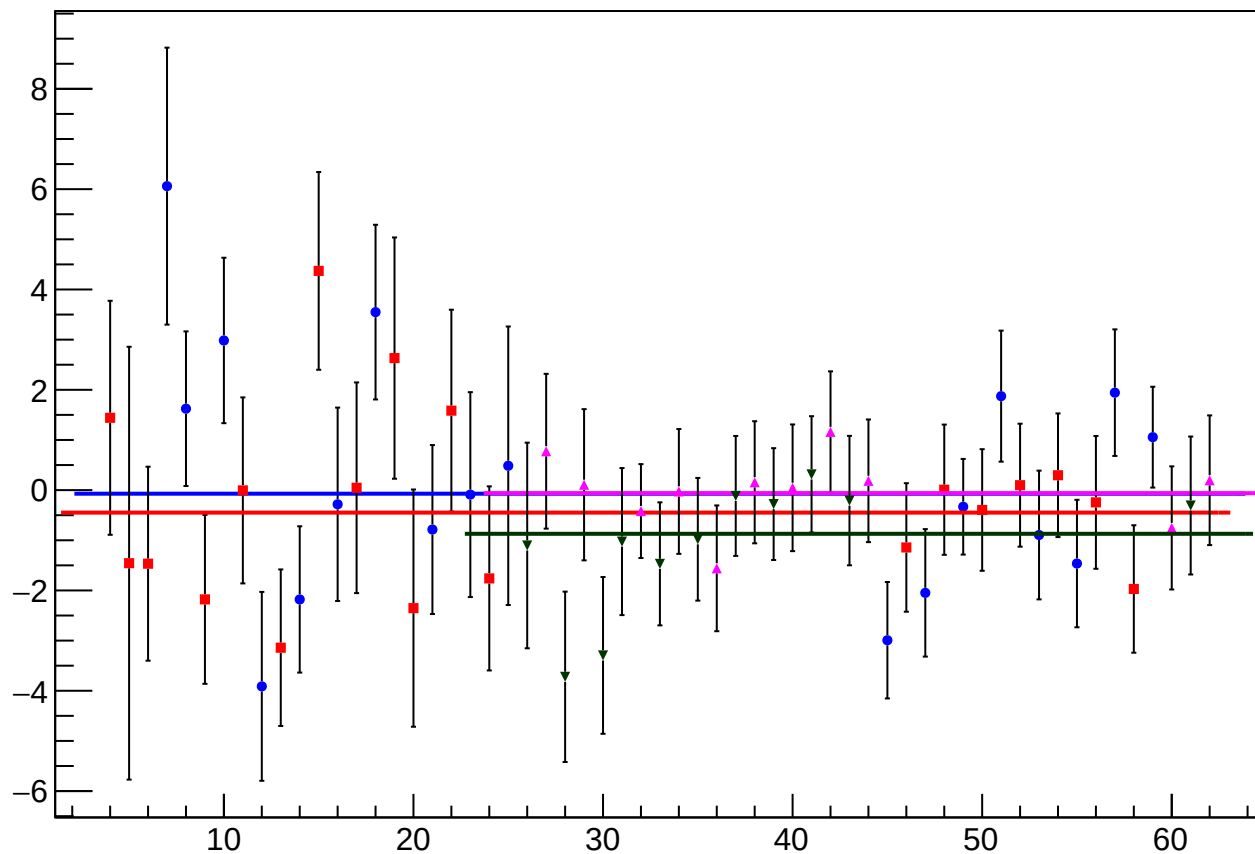
Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

Left In: 122.412+/-0.034 χ^2/NDF :353428.4/10

150.624+/-0.027 χ^2/NDF : 1512758.7/28

138.732+/-0.025 χ^2/NDF : 1890458.3/29

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.871 ± 0.403 χ^2/NDF : 7.7/10

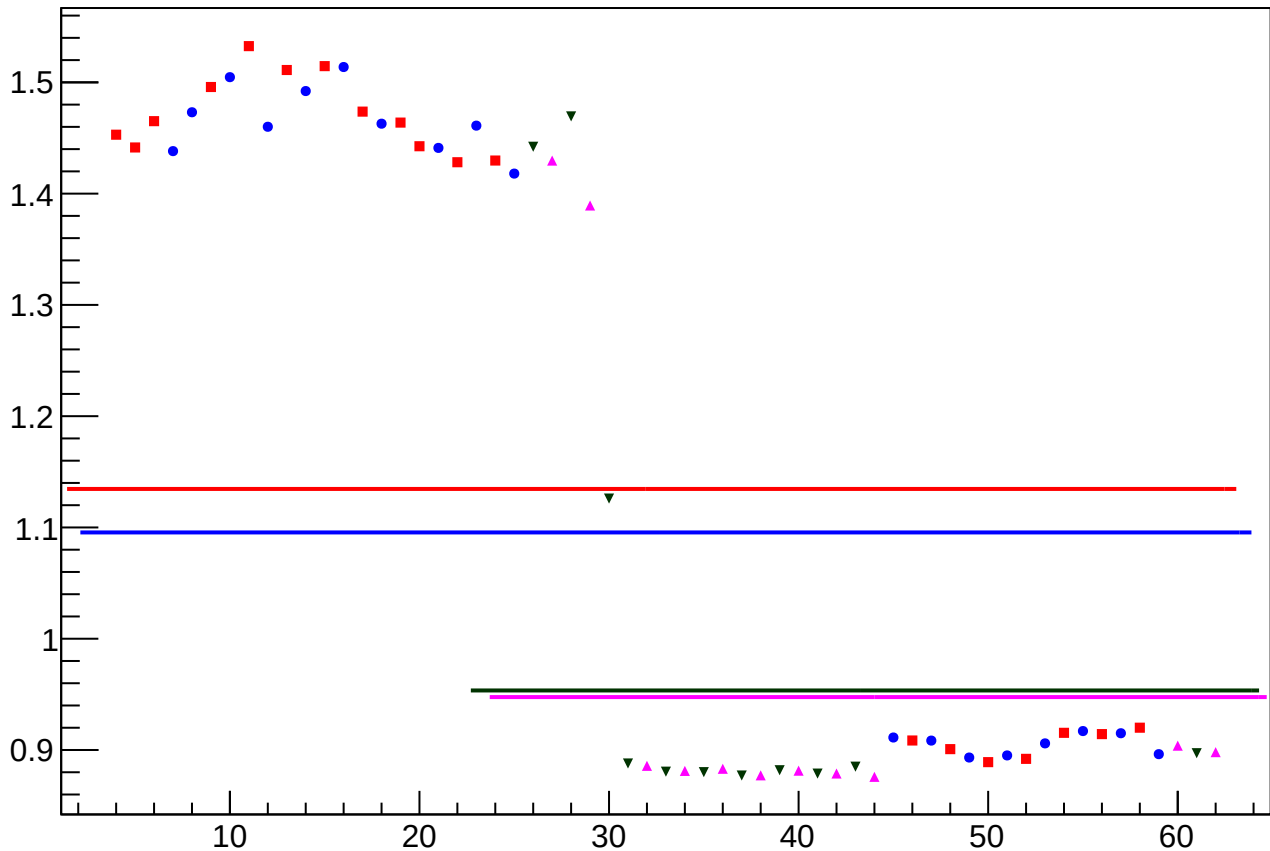
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.061 ± 0.373 χ^2/NDF : 3.3/10

-0.399 ± 0.258 χ^2/NDF : 46.8/28

-0.256 ± 0.262 χ^2/NDF : 21.3/29

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF : 1288766.9/17

Left Out: 0.954+/-0.000 χ^2/NDF : 374581.9/10

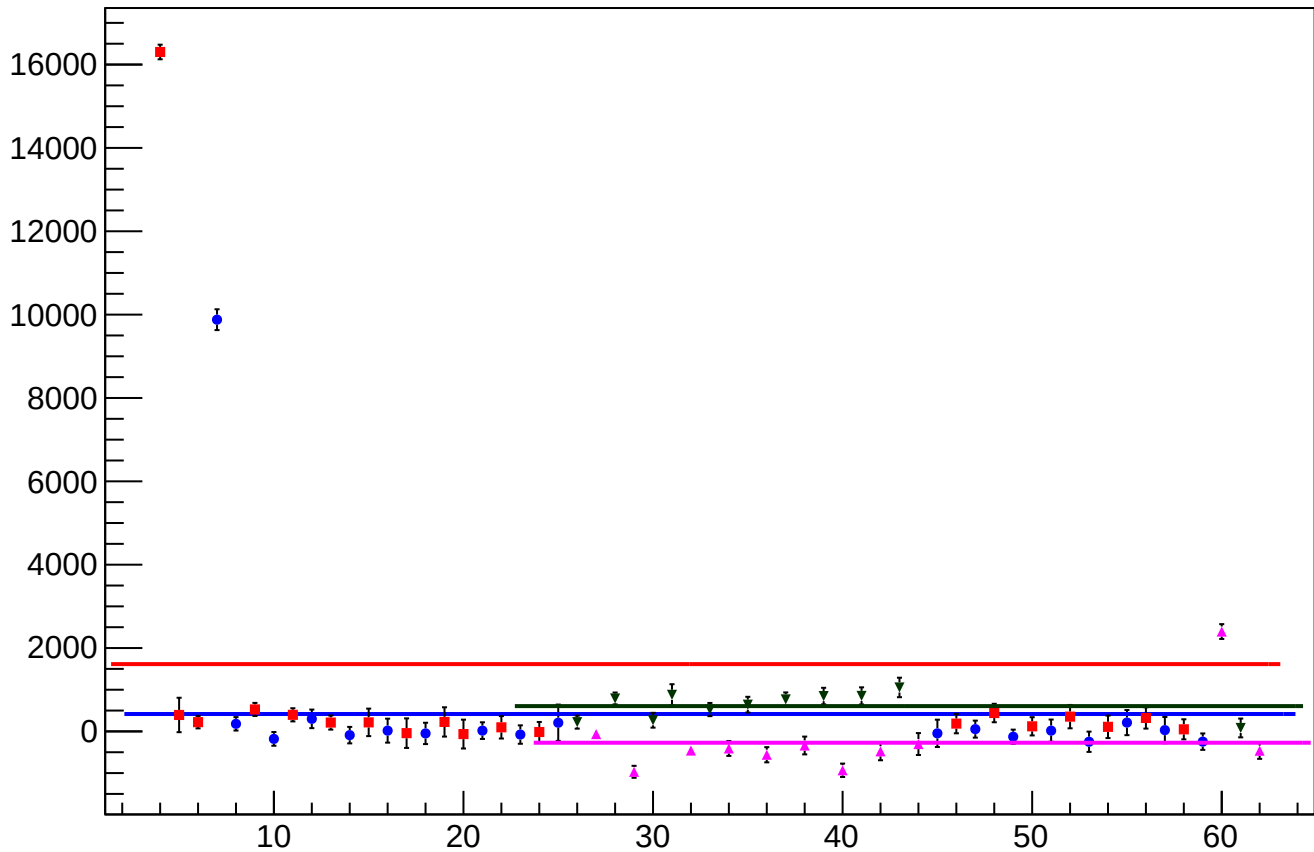
1.037+/-0.000 χ^2/NDF : 1810206.1/28

Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

1.042+/-0.000 χ^2/NDF : 1834019.9/29

Left In: 0.948+/-0.000 χ^2/NDF : 417781.1/10

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 606.957+/-55.196 χ^2/NDF : 25.7/10

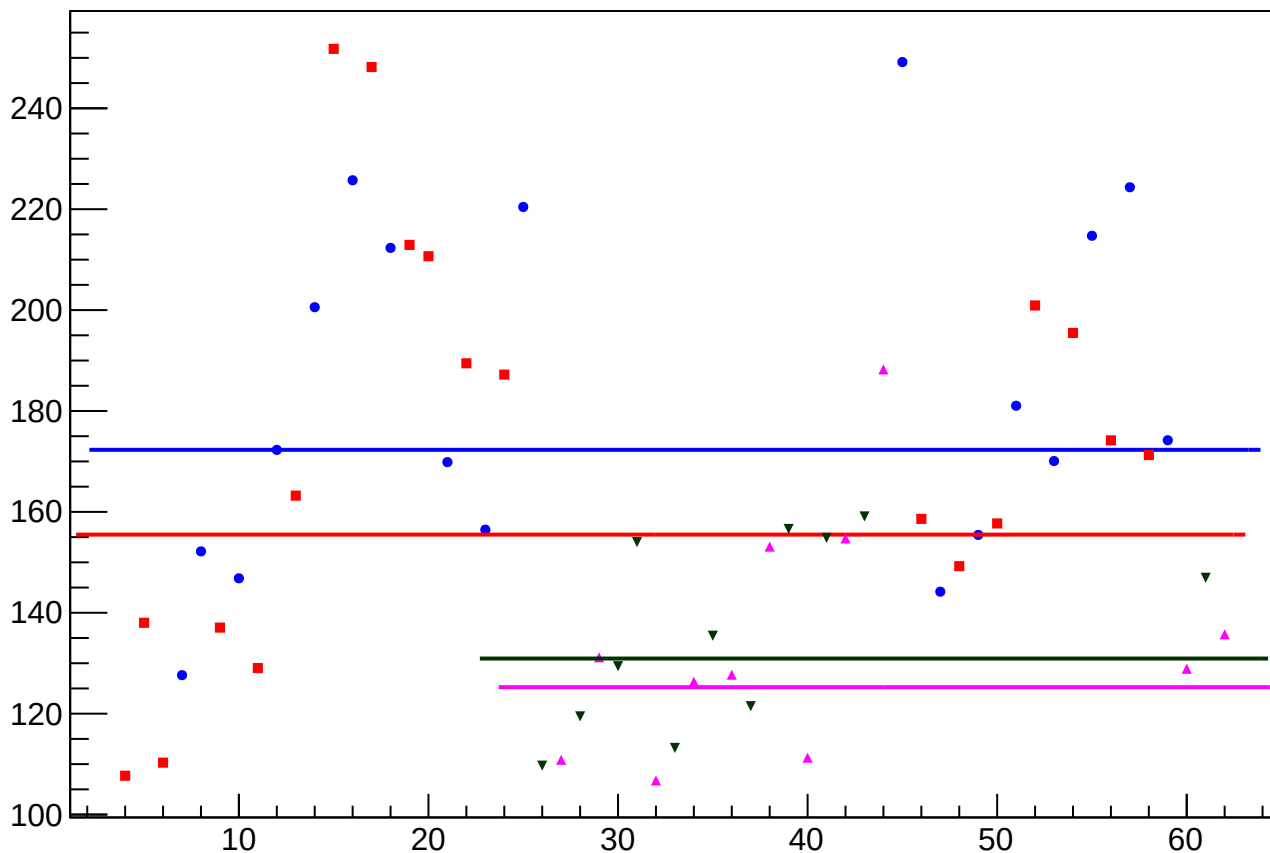
507.569+/-38.092 χ^2/NDF : 1539.8/28

Right Out: 1614.499+/-51.138 χ^2/NDF : 7665.3/18

639.111+/-35.537 χ^2/NDF : 8644.5/29

Left In: -271.808+/-49.419 χ^2/NDF : 275.7/10

asym_bcm0l02_rms vs slug



Right In: 172.303+/-0.037 χ^2/NDF : 600813.3/17

Left Out: 130.931+/-0.039 χ^2/NDF :198755.3/10

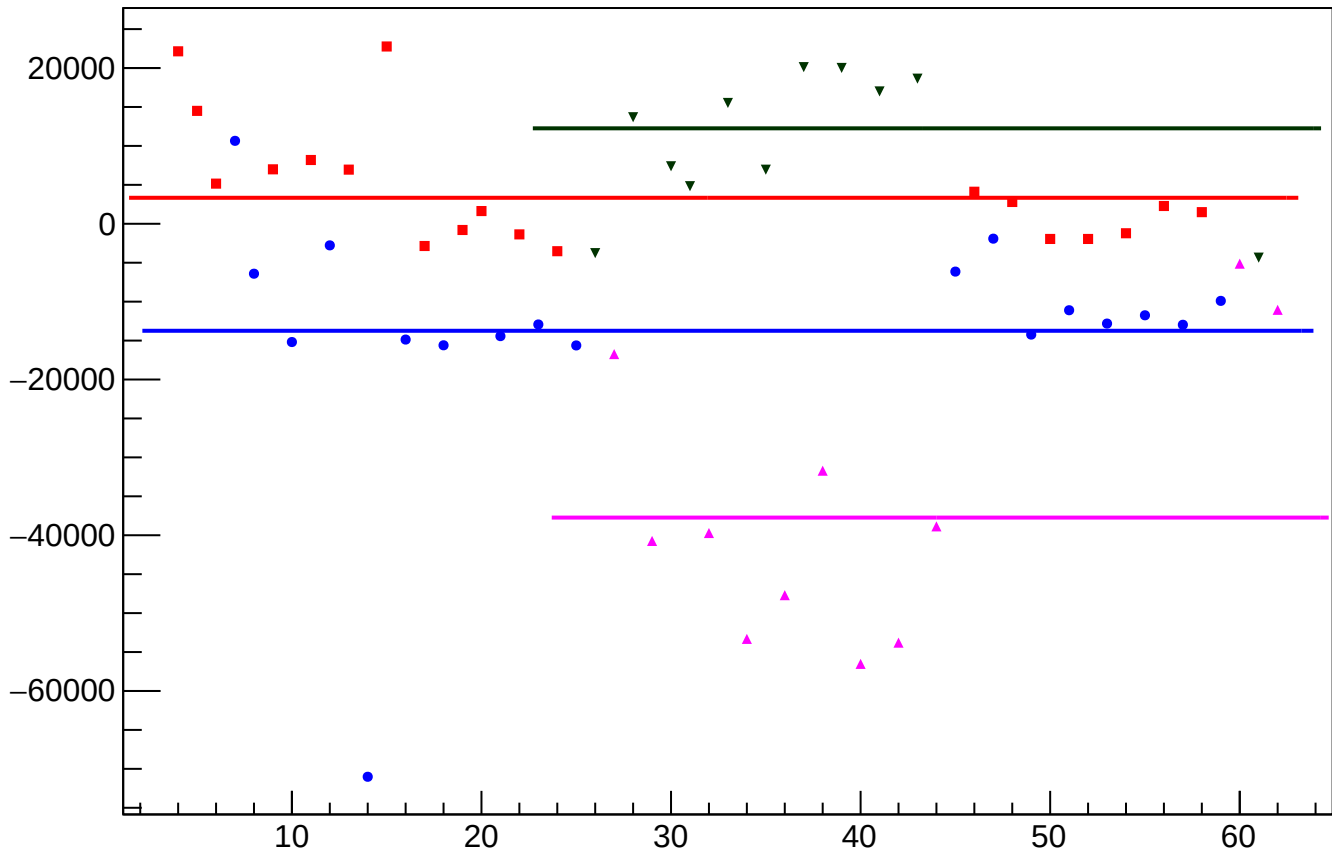
Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

Left In: 125.254+/-0.035 χ^2/NDF :292974.3/10

152.599+/-0.027 χ^2/NDF : 1388082.6/28

139.857+/-0.025 χ^2/NDF : 1673349.1/29

asym_bpm2i01WS_mean vs slug



Right In: -13741.376 ± 32.053 χ^2/NDF : 222194.3/17

Left Out: 12257.596 ± 40.945 χ^2/NDF : 39892.1/10

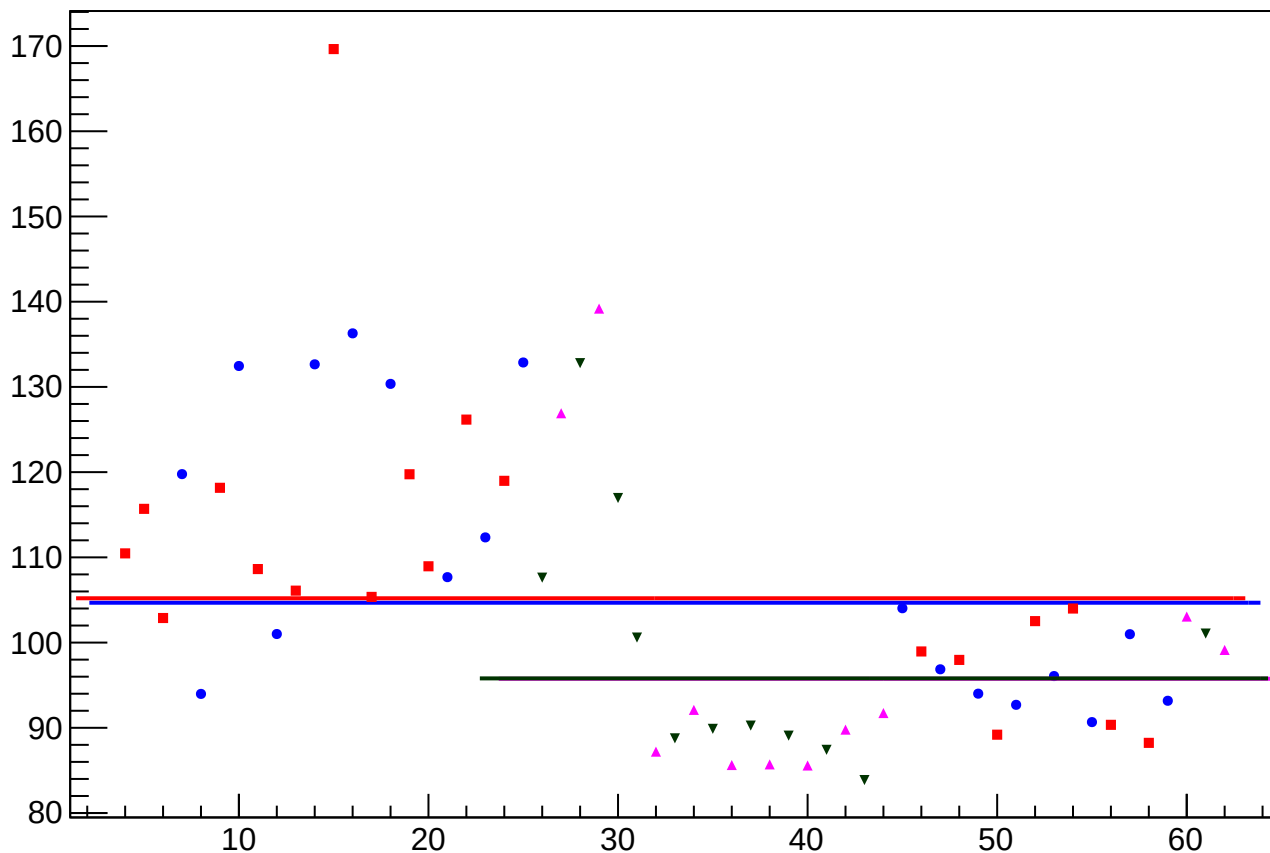
Right Out: 3338.926 ± 34.258 χ^2/NDF : 31361.1/18

Left In: -37731.865 ± 38.430 χ^2/NDF : 168817.0/10

-3862.539 ± 25.239 χ^2/NDF : 512081.4/28

-14846.730 ± 25.572 χ^2/NDF : 836607.0/29

asym_bpm2i01WS_rms vs slug



Right In: 104.677+/-0.023 χ^2/NDF : 431749.6/17

Left Out: 95.799+/-0.029 χ^2/NDF : 203002.1/10

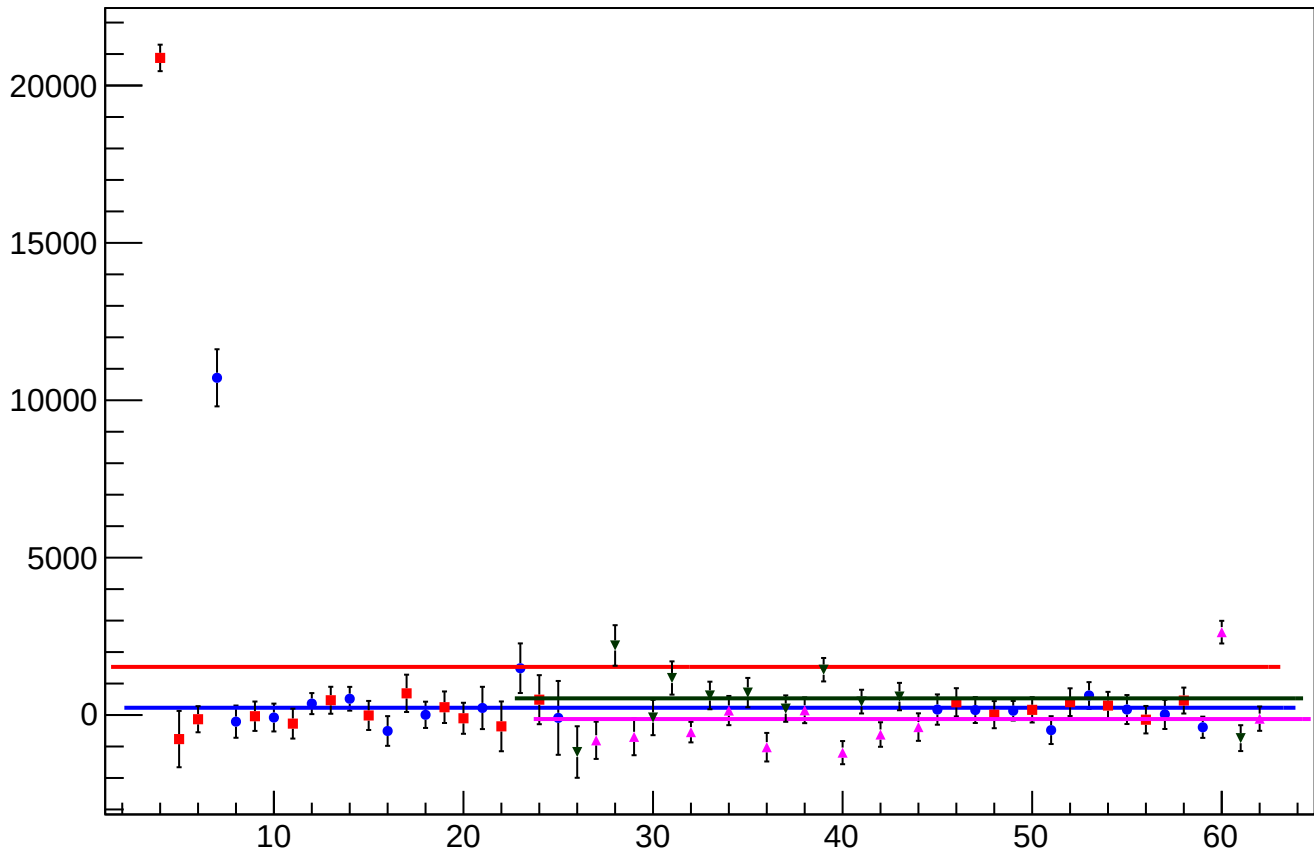
Right Out: 105.200+/-0.024 χ^2/NDF : 336723.5/18

Left In: 95.755+/-0.027 χ^2/NDF : 321619.0/10

101.303+/-0.018 χ^2/NDF : 693055.8/28

101.018+/-0.018 χ^2/NDF : 725658.9/29

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 529.887+/-139.184 χ^2/NDF : 30.2/10

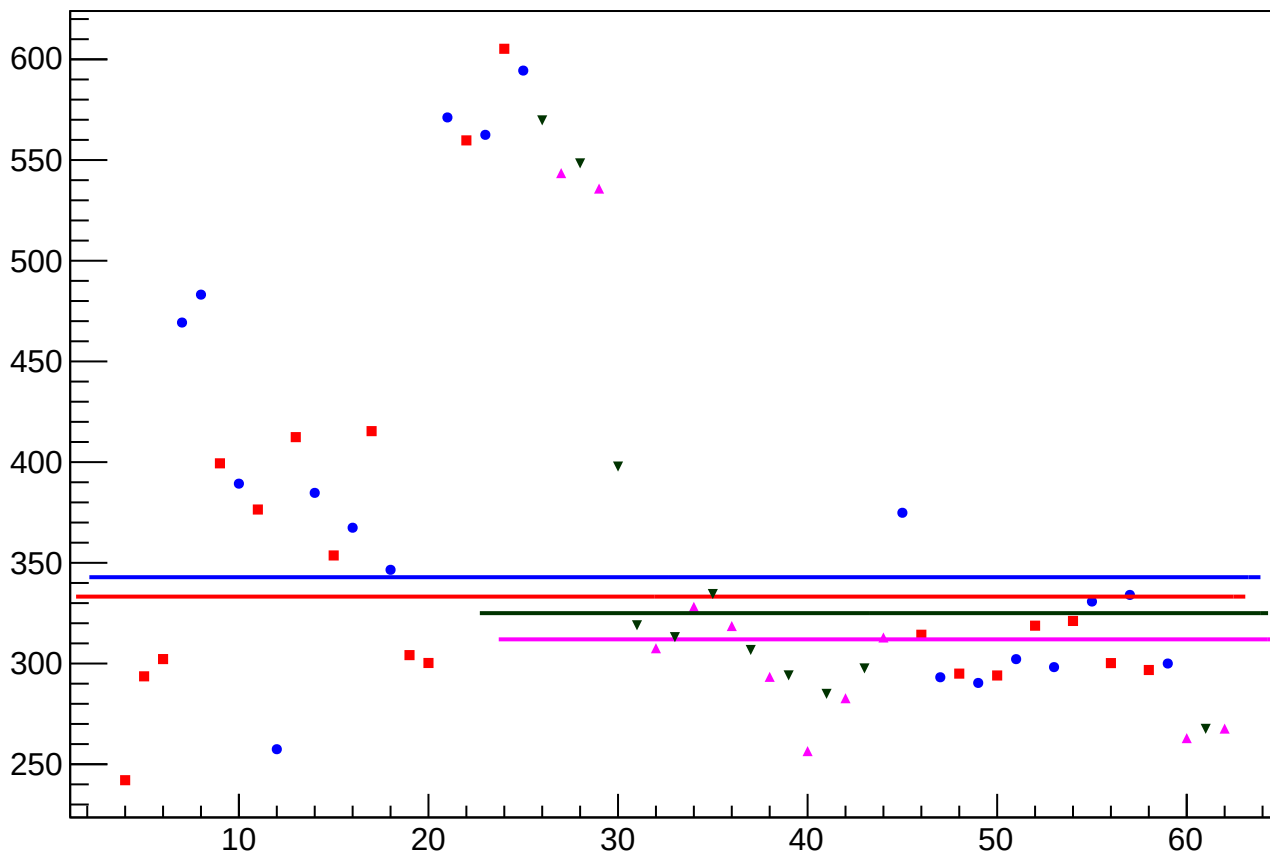
339.693+/-83.942 χ^2/NDF : 181.0/28

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

811.829+/-82.044 χ^2/NDF : 2451.9/29

Left In: -127.663+/-124.693 χ^2/NDF : 77.7/10

asym_bpm0i07WS_rms vs slug



Right In: 342.865 $\pm$ 0.074 χ^2 /NDF: 1018623.1/17

Left Out: 325.018 $\pm$ 0.098 χ^2 /NDF:542696.4/10

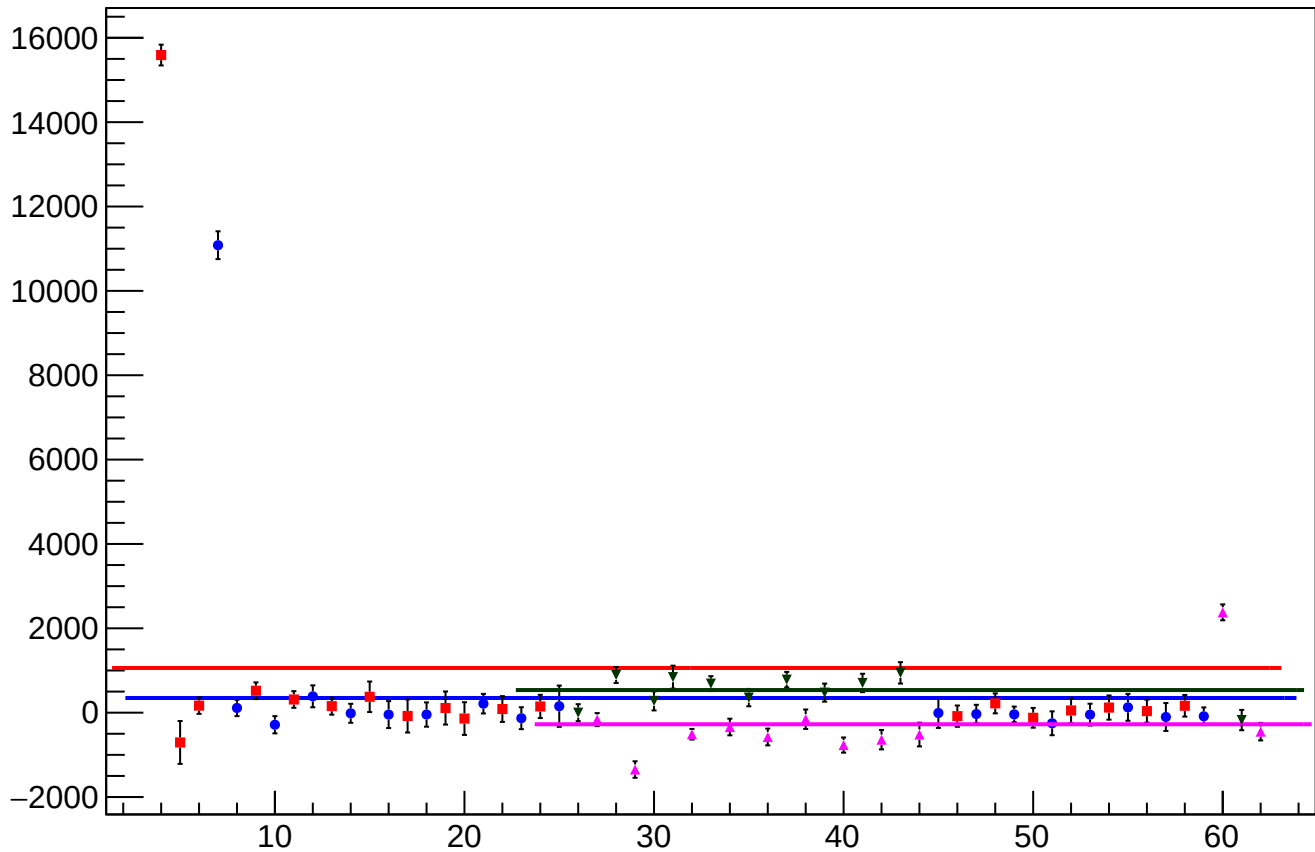
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 312.002 $\pm$ 0.088 χ^2 /NDF:728415.9/10

336.373 $\pm$ 0.059 χ^2 /NDF: 1582243.7/28

324.040 $\pm$ 0.058 χ^2 /NDF: 1530221.9/29

asym_bpm0l01WS_mean vs slug



Right In: 348.196 ± 59.644 χ^2/NDF : 1103.2/17

Left Out: 536.298 ± 63.709 χ^2/NDF : 28.5/10

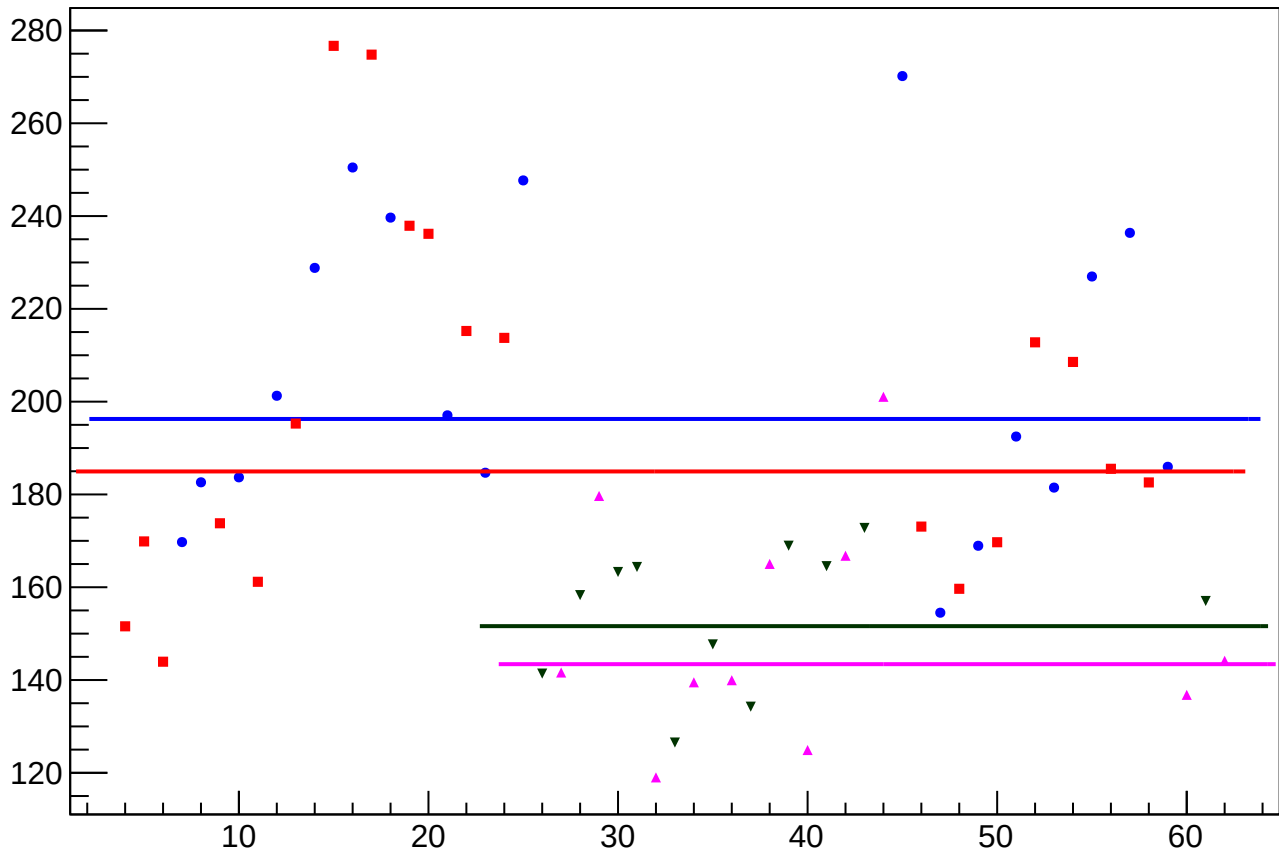
Right Out: 1059.962 ± 60.034 χ^2/NDF : 3708.7/18

Left In: -274.707 ± 56.481 χ^2/NDF : 245.7/10

436.055 ± 43.541 χ^2/NDF : 1136.4/28

351.965 ± 41.137 χ^2/NDF : 4216.6/29

asym_bpm0l01WS_rms vs slug



Right In: 196.269 $\pm$ 0.042 χ^2 /NDF: 466122.9/17

Left Out: 151.614 $\pm$ 0.045 χ^2 /NDF: 111297.1/10

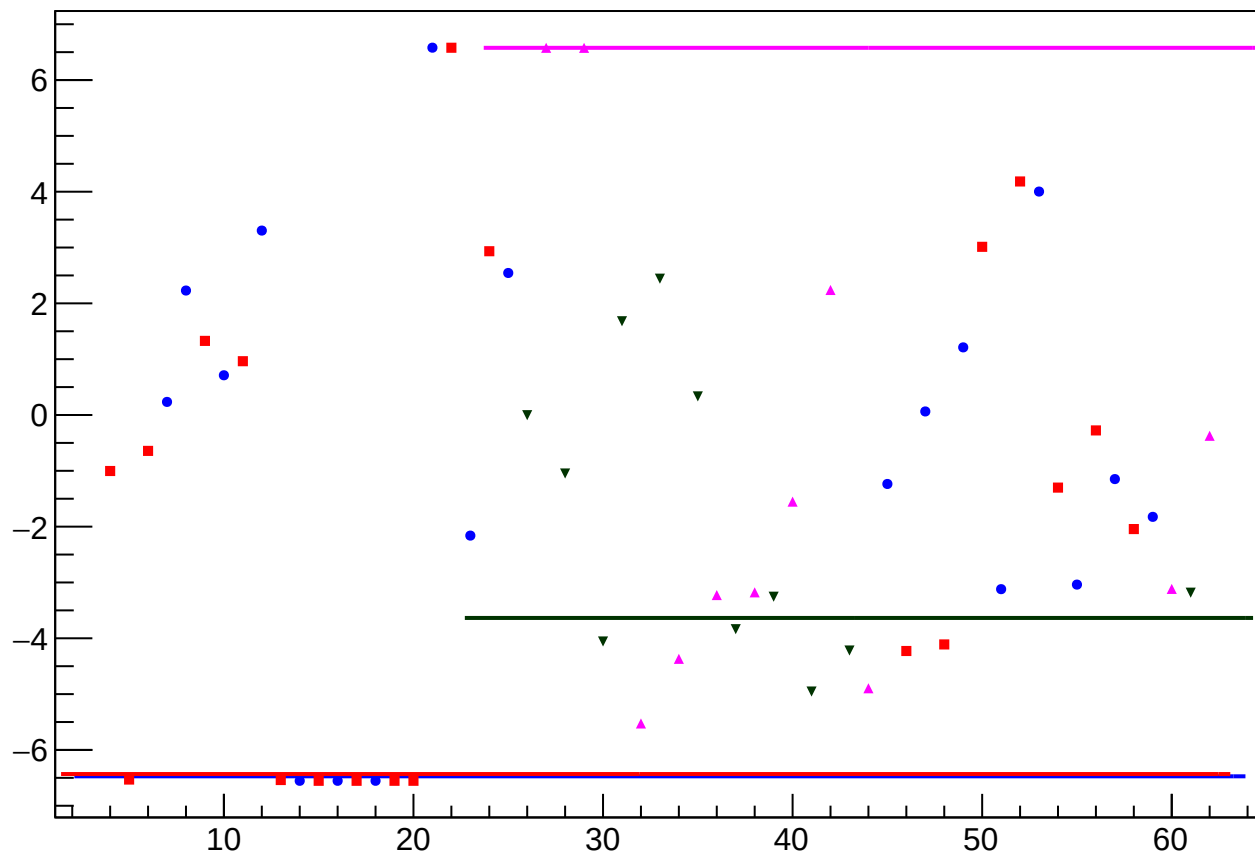
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 143.419 $\pm$ 0.040 χ^2 /NDF: 290438.4/10

175.411 $\pm$ 0.031 χ^2 /NDF: 1101053.7/28

162.922 $\pm$ 0.029 χ^2 /NDF: 1378967.6/29

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.636+/-0.001 χ^2/NDF : 5878058.4/10

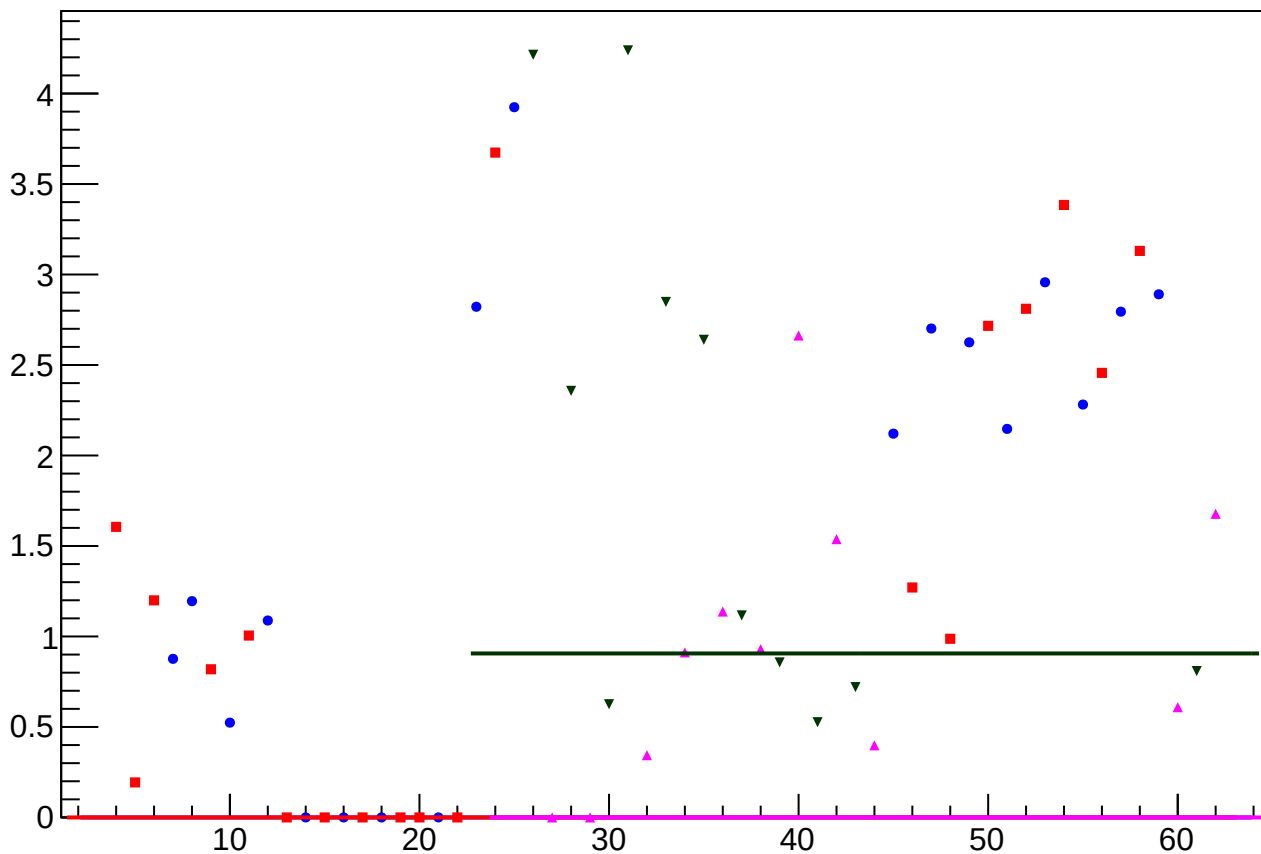
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.578+/-0.000 χ^2/NDF : 909595876.2/10

-6.473+/-0.000 χ^2/NDF : 127847979974024.7/2

-6.315+/-0.000 χ^2/NDF : 297092142819061.1/2

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 0.906+/-0.000 χ^2/NDF : 2495632.8/10

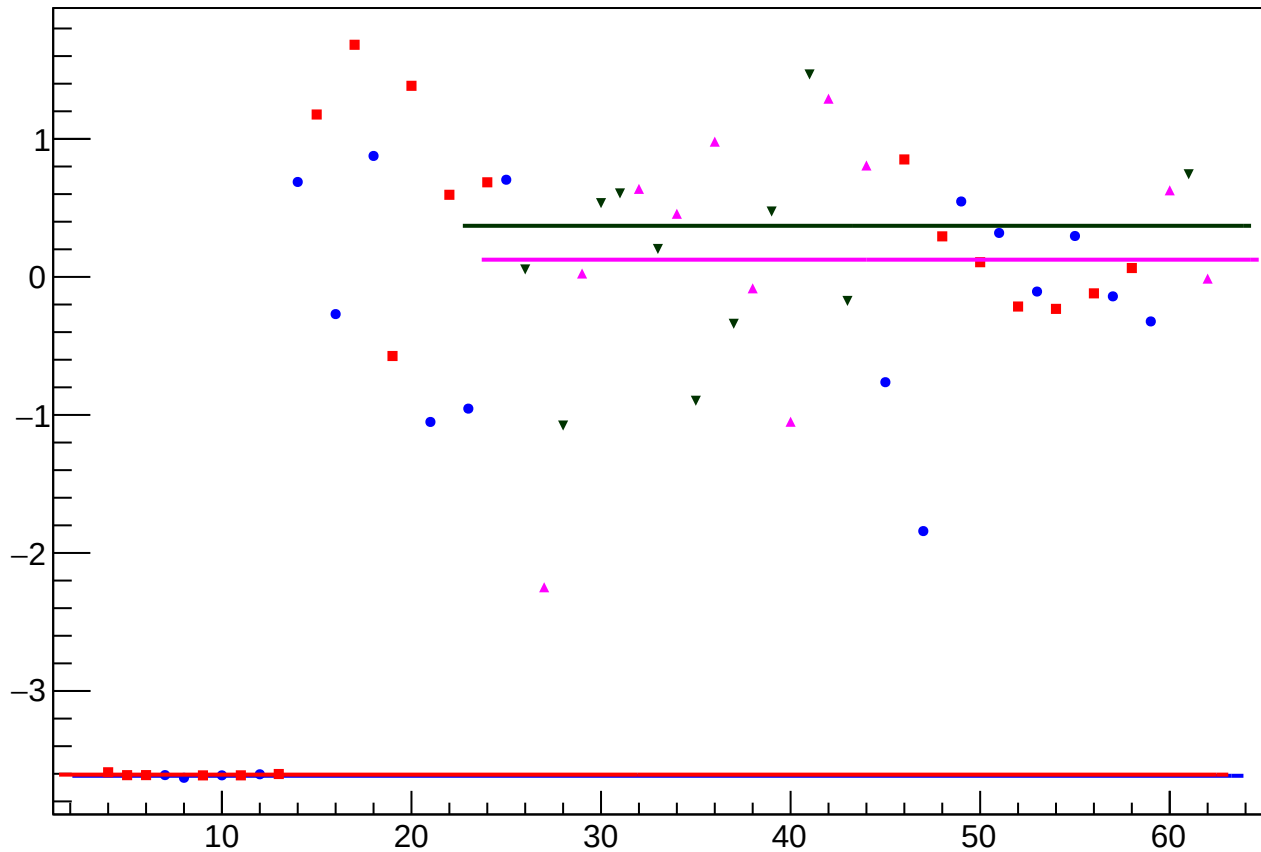
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 6118289.1/10

0.000+/-0.000 χ^2/NDF : 19463094.9/28

0.000+/-0.000 χ^2/NDF : 15744978.2/29

yield_cav4bY_mean vs slug



Right In: -3.614 ± 0.000 χ^2/NDF : 49086055221.8/17

Left Out: 0.370 ± 0.000 χ^2/NDF : 6716796.7/10

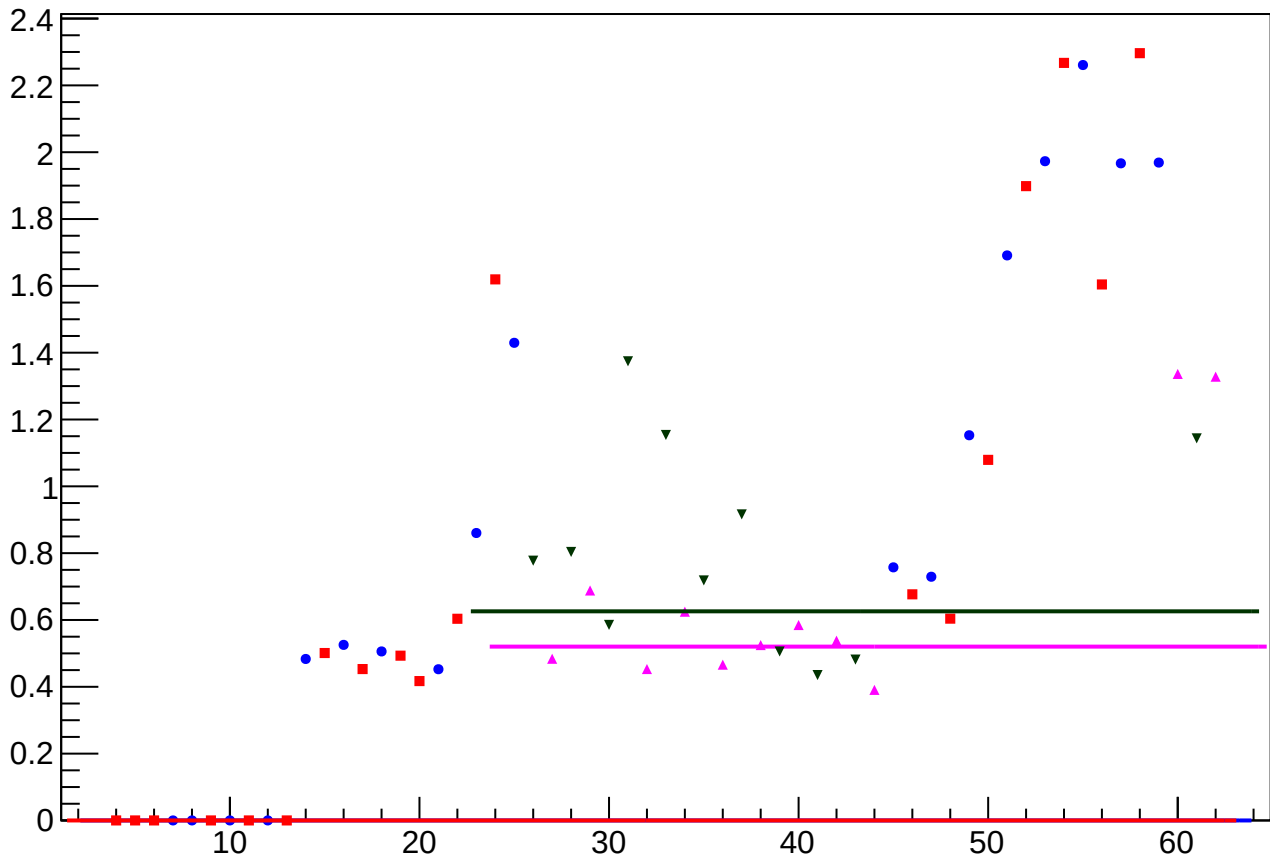
-3.614 ± 0.000 χ^2/NDF : 49246029456.4/28

Right Out: -3.606 ± 0.000 χ^2/NDF : 37792758949.6/18

-3.606 ± 0.000 χ^2/NDF : 38040454130.5/29

Left In: 0.125 ± 0.000 χ^2/NDF : 20194335.5/10

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13780215.8/17

Left Out: 0.626+/-0.000 χ^2/NDF :966332.3/10

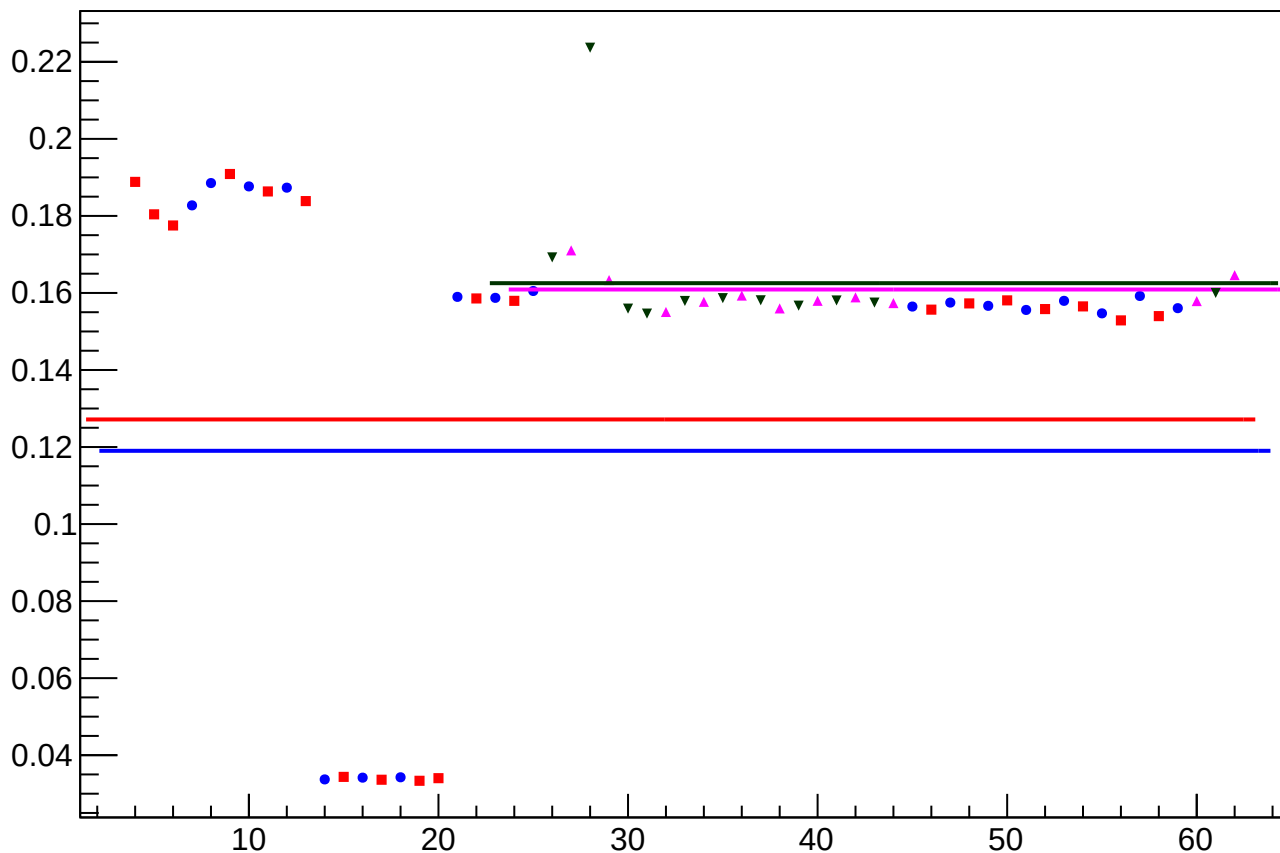
0.000+/-0.000 χ^2/NDF : 22306927.3/28

Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

0.000+/-0.000 χ^2/NDF : 20311246.7/29

Left In: 0.520+/-0.000 χ^2/NDF :933930.4/10

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 :101649124.4/10

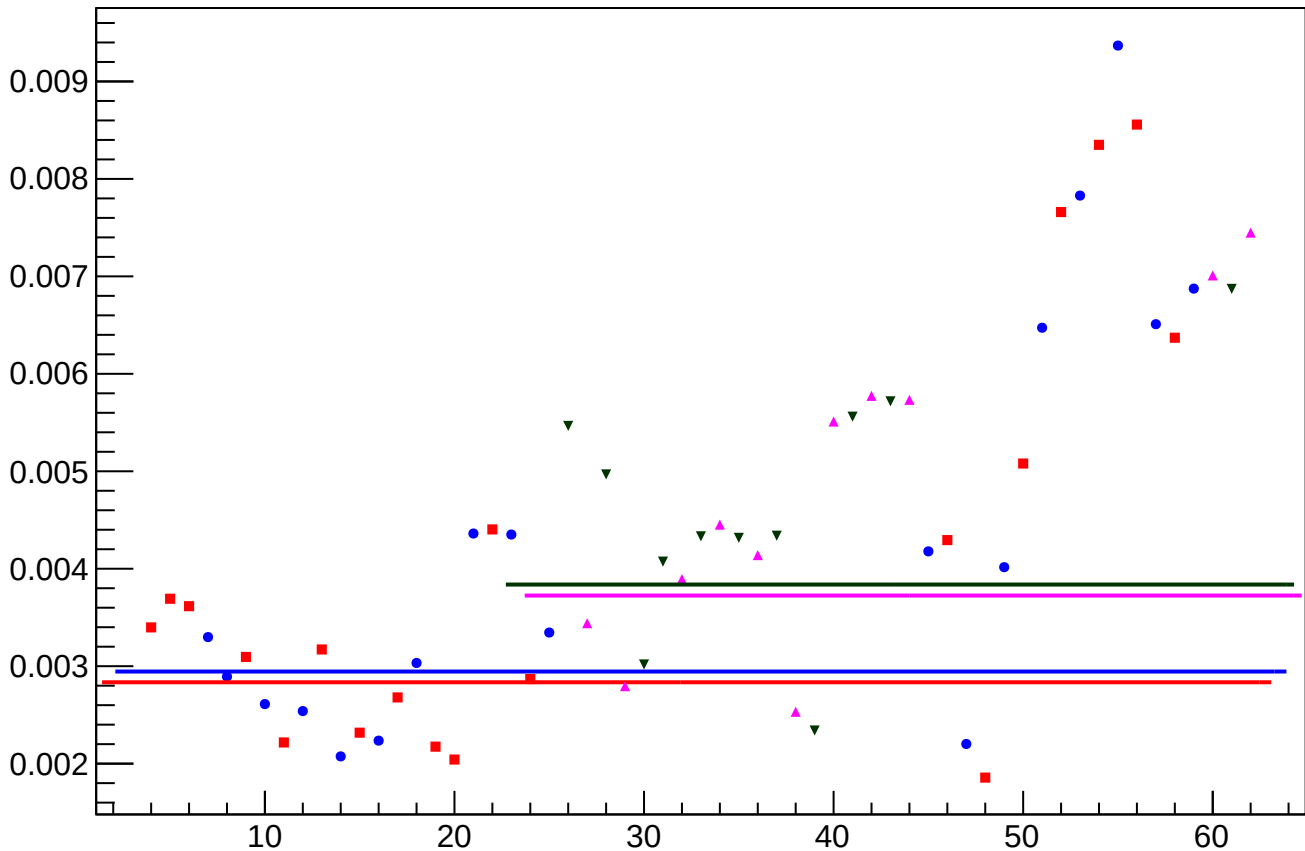
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.161+/-0.000 χ^2/NDF :11872788.7/10

0.130+/-0.000 χ^2/NDF : 5554994942.7/28

0.137+/-0.000 χ^2/NDF : 4766852788.3/29

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 :1044401.3/10

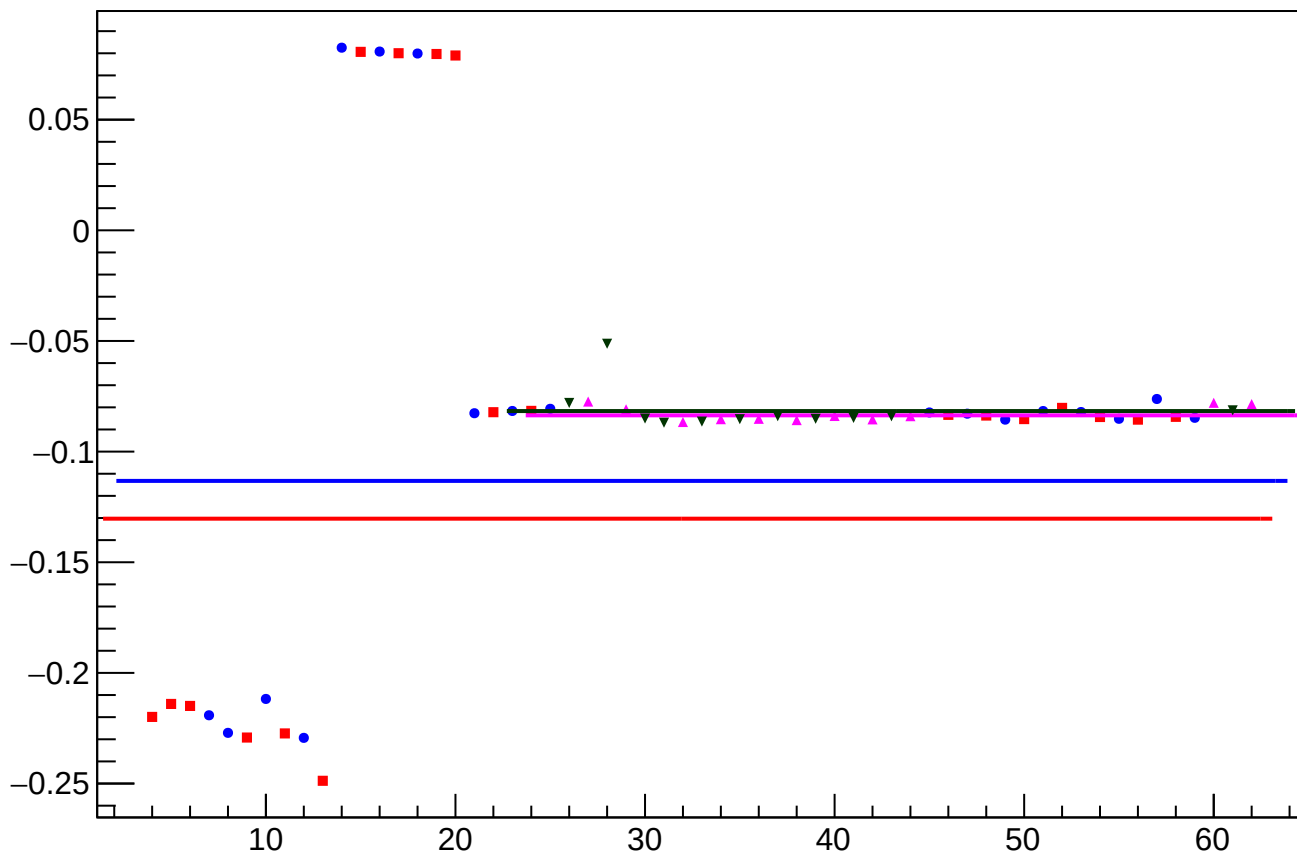
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1209972.4/10

0.003+/-0.000 χ^2/NDF : 4432549.2/28

0.003+/-0.000 χ^2/NDF : 4364167.4/29

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 : 35857282.6/10

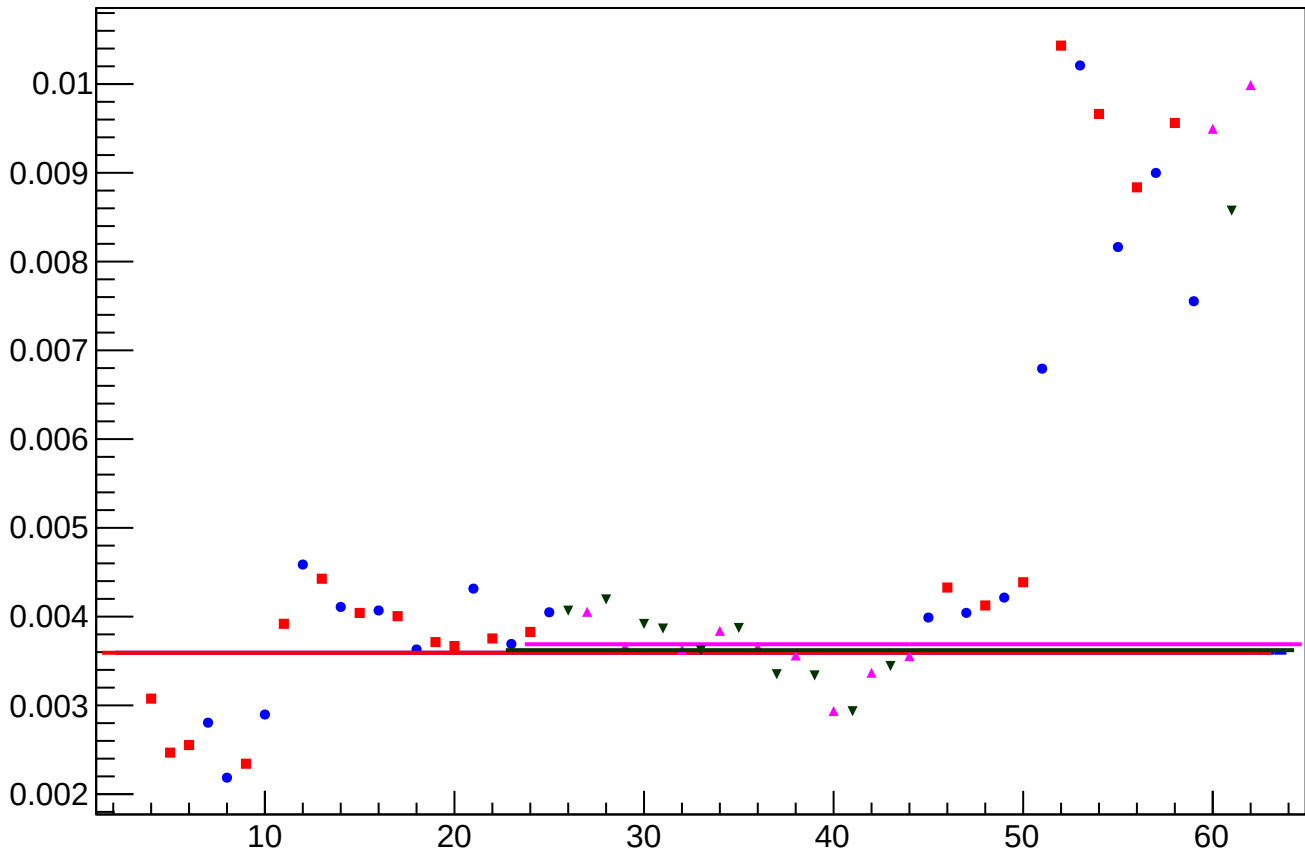
Right Out: -0.130 ± 0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.084 ± 0.000 χ^2/NDF : 3768492.4/10

-0.102 ± 0.000 χ^2/NDF : 9987257758.7/28

-0.111 ± 0.000 χ^2/NDF : 9432662962.5/29

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 :366685.3/10

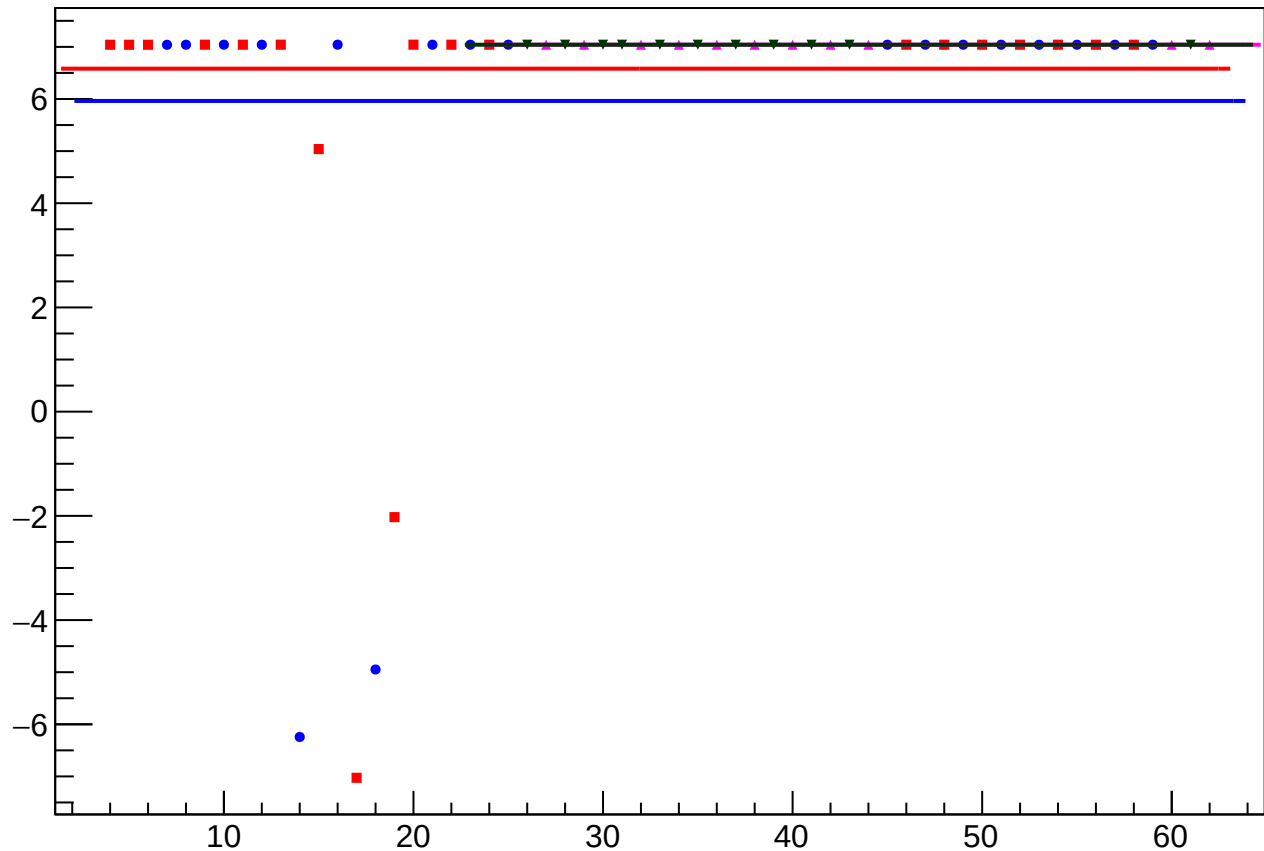
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :697152.1/10

0.004+/-0.000 χ^2/NDF : 3003506.2/28

0.004+/-0.000 χ^2/NDF : 2927247.3/29

yield_cav4dX_mean vs slug



Right In: 5.962 $\pm$ 0.000 χ^2 /NDF: 4616105002600912.0/17

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF:1555191.7/10

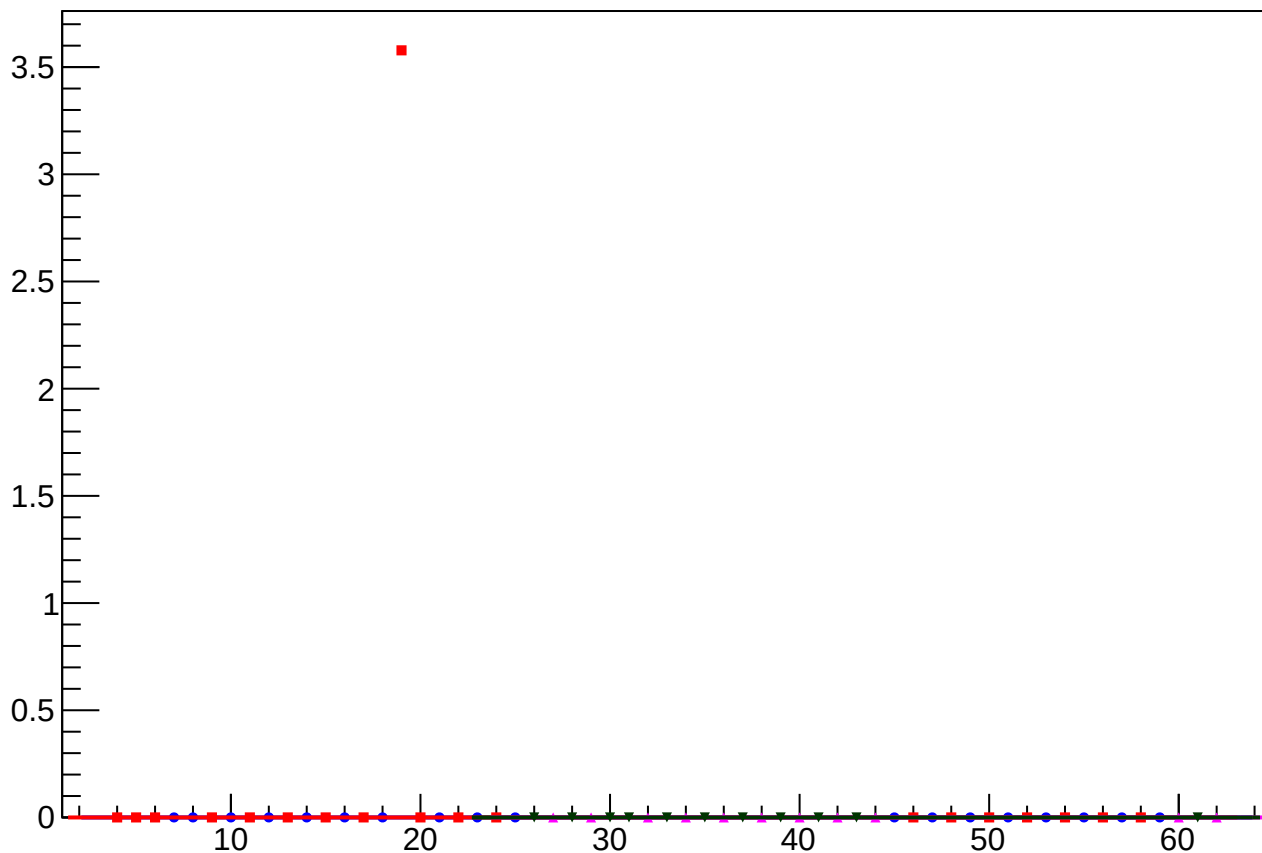
Right Out: 6.582 $\pm$ 0.000 χ^2 /NDF: 1856853993700647.2/18

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF:2148612.5/10

6.370 $\pm$ 0.000 χ^2 /NDF: 4773361331787466.0/2

6.791 $\pm$ 0.000 χ^2 /NDF: 1886229084655339.5/2

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 : 1652.6/10

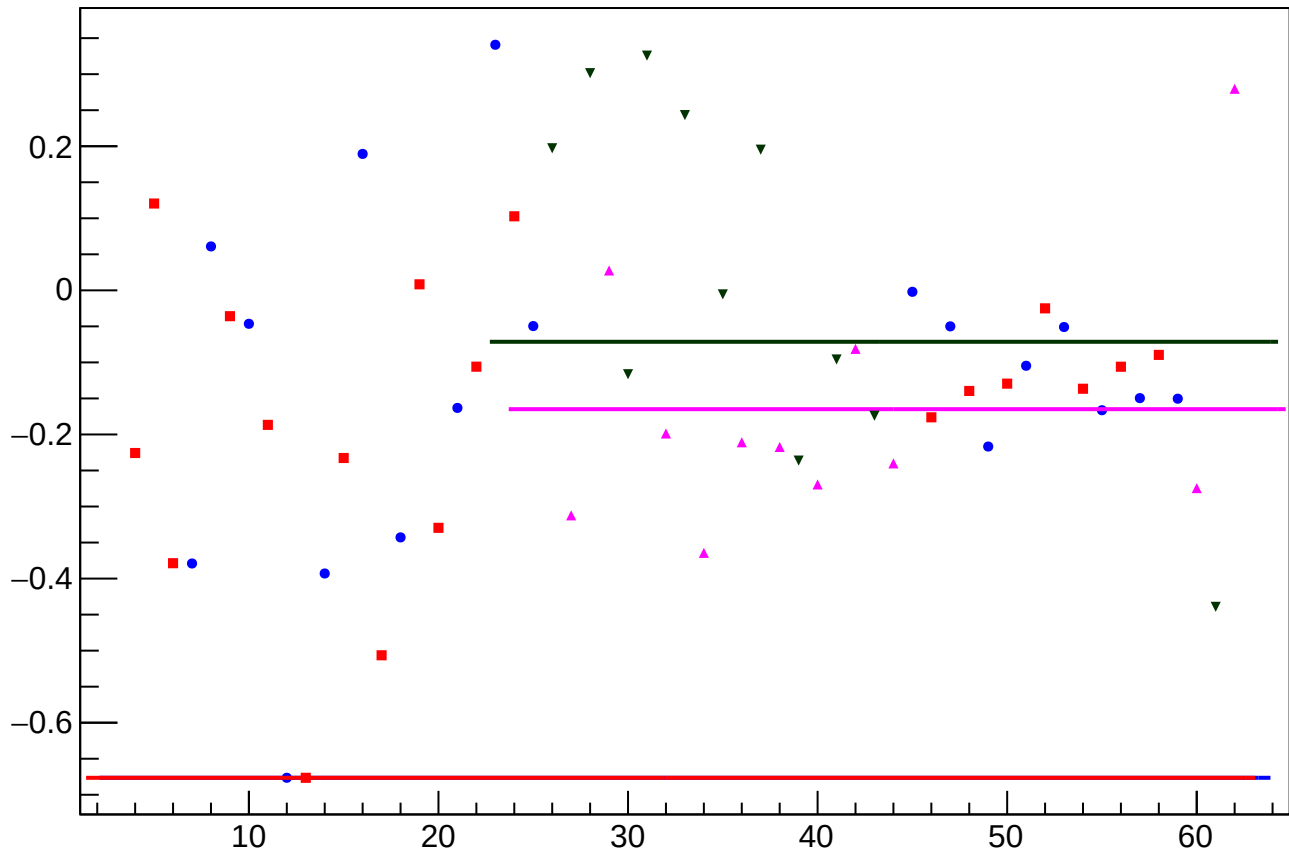
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 1931.5/10

0.000+/-0.000 χ^2/NDF : 7198.6/28

0.000+/-0.000 χ^2/NDF : 702896.3/29

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.071+/-0.000 χ^2/NDF : 22435848.6/10

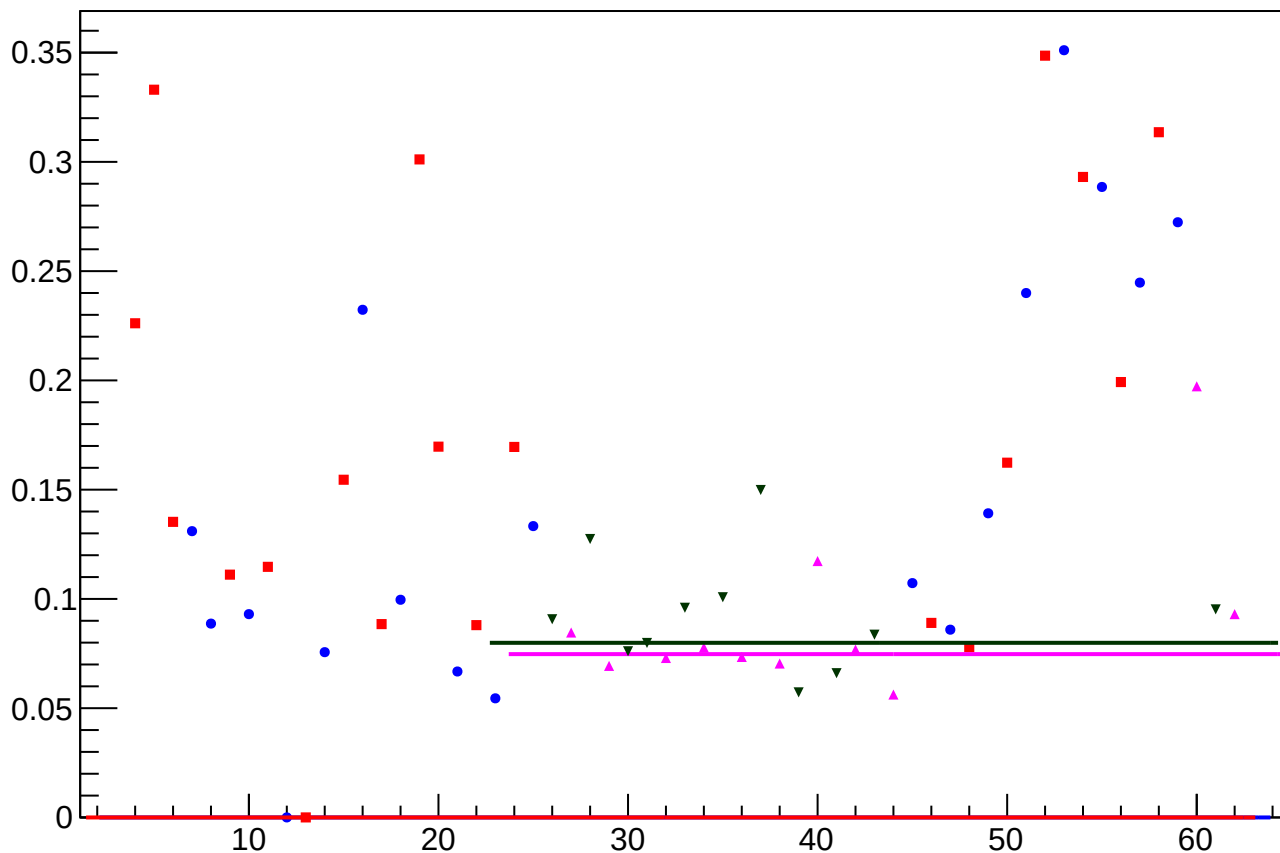
Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

Left In: -0.165+/-0.000 χ^2/NDF : 15446217.3/10

-0.676+/-0.000 χ^2/NDF : 473303396.7/28

-0.676+/-0.000 χ^2/NDF : 300134013.4/29

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.080+/-0.000 χ^2/NDF : 472705.0/10

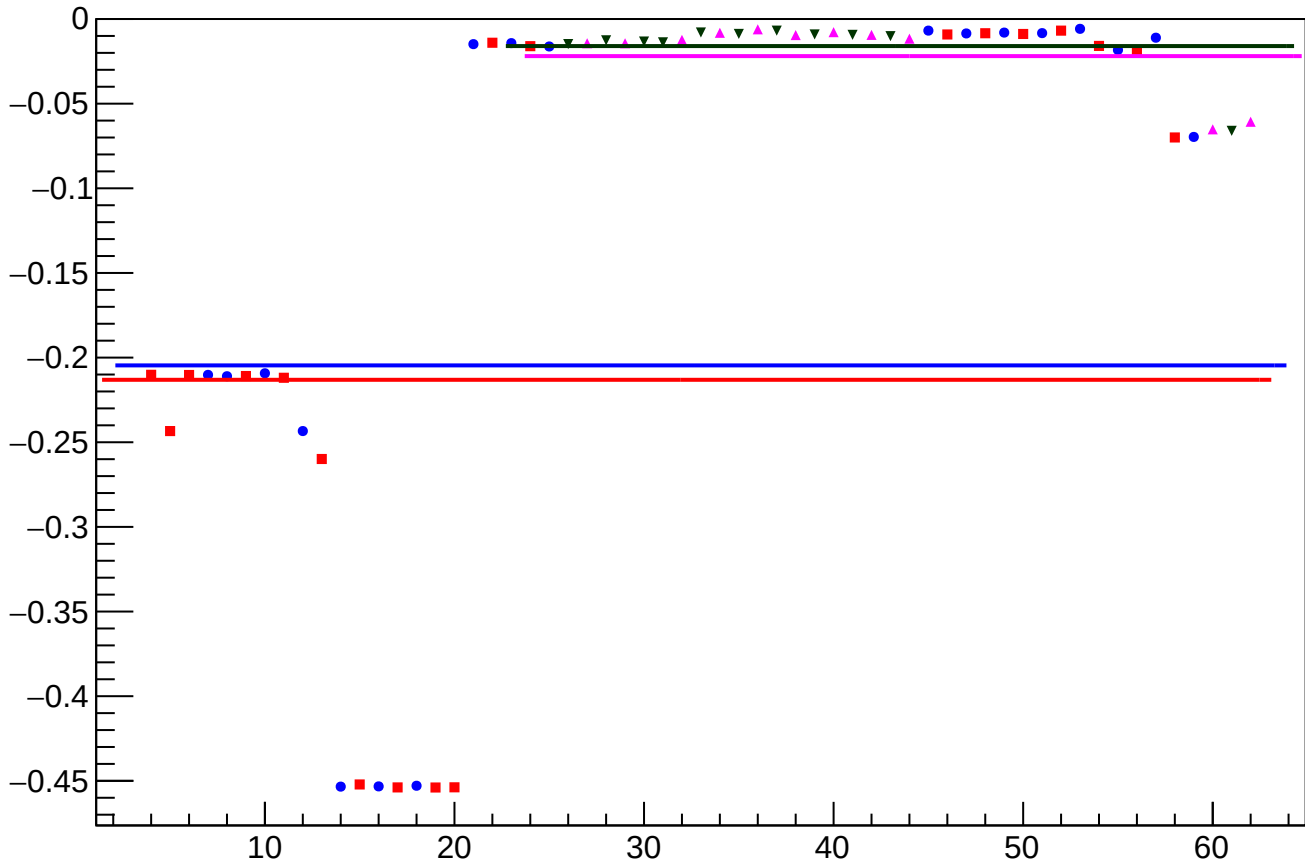
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.075+/-0.000 χ^2/NDF : 486536.9/10

0.000+/-0.000 χ^2/NDF : 23096084.3/28

0.000+/-0.000 χ^2/NDF : 22043176.9/29

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.016+/-0.000 χ^2/NDF : 16273208.6/10

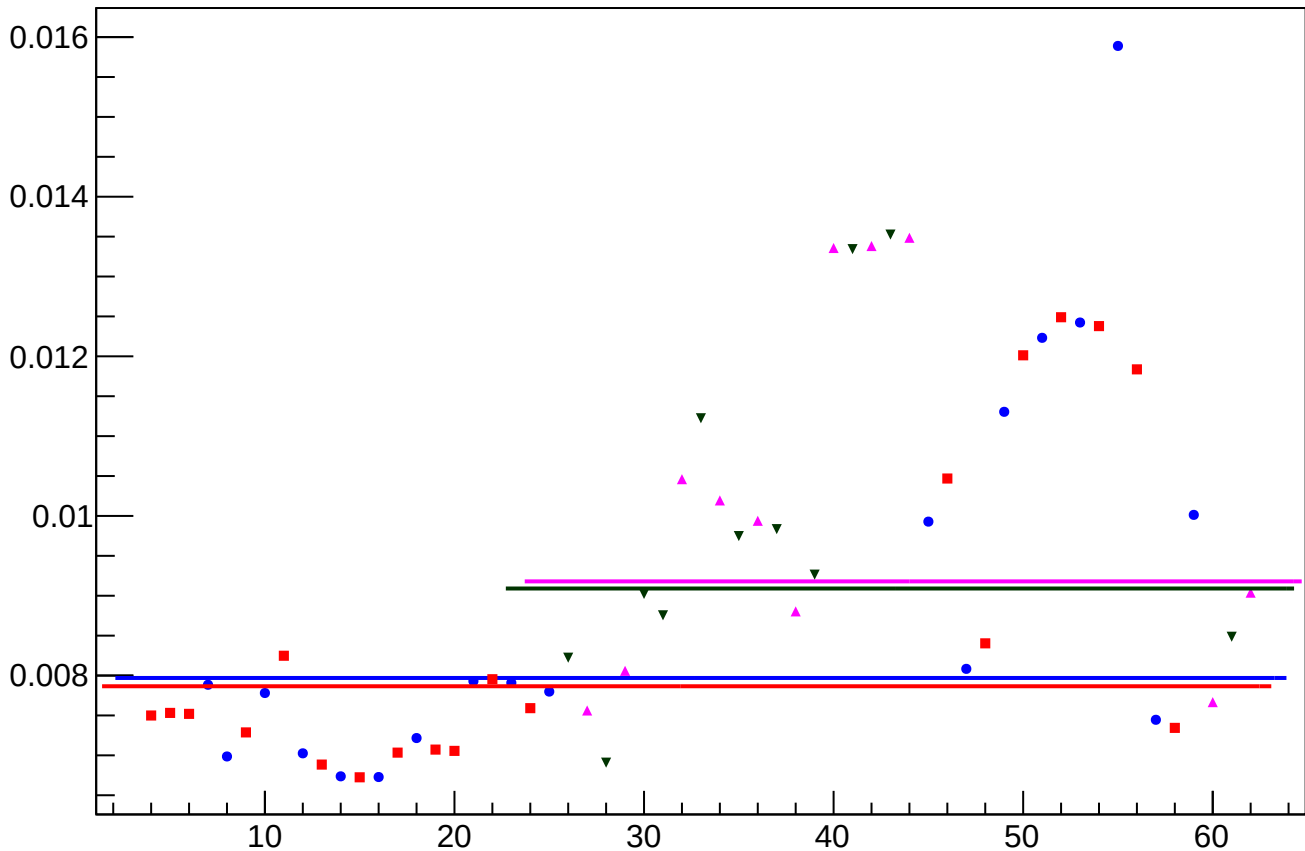
-0.151+/-0.000 χ^2/NDF : 7236569575.5/28

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.151+/-0.000 χ^2/NDF : 6010521582.3/29

Left In: -0.022+/-0.000 χ^2/NDF : 32239832.6/10

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 : 414947.0/10

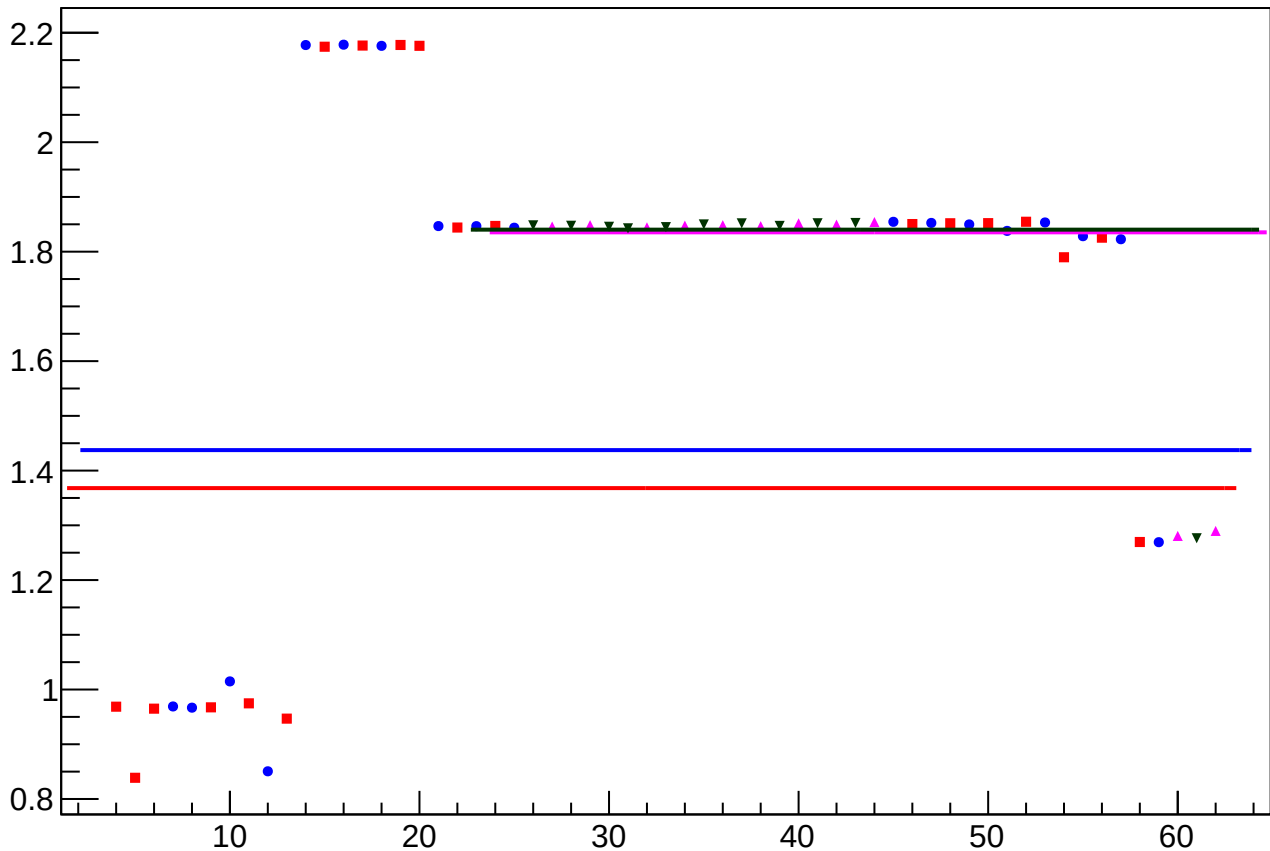
Right Out: 0.008 ± 0.000 χ^2/NDF : 696189.4/18

Left In: 0.009 ± 0.000 χ^2/NDF : 497486.2/10

0.008 ± 0.000 χ^2/NDF : 1477384.5/28

0.008 ± 0.000 χ^2/NDF : 1367149.5/29

yield_bpm4aY_mean vs slug



Right In: 1.437 $\pm$ 0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.840 $\pm$ 0.000 χ^2/NDF : 133058212.4/10

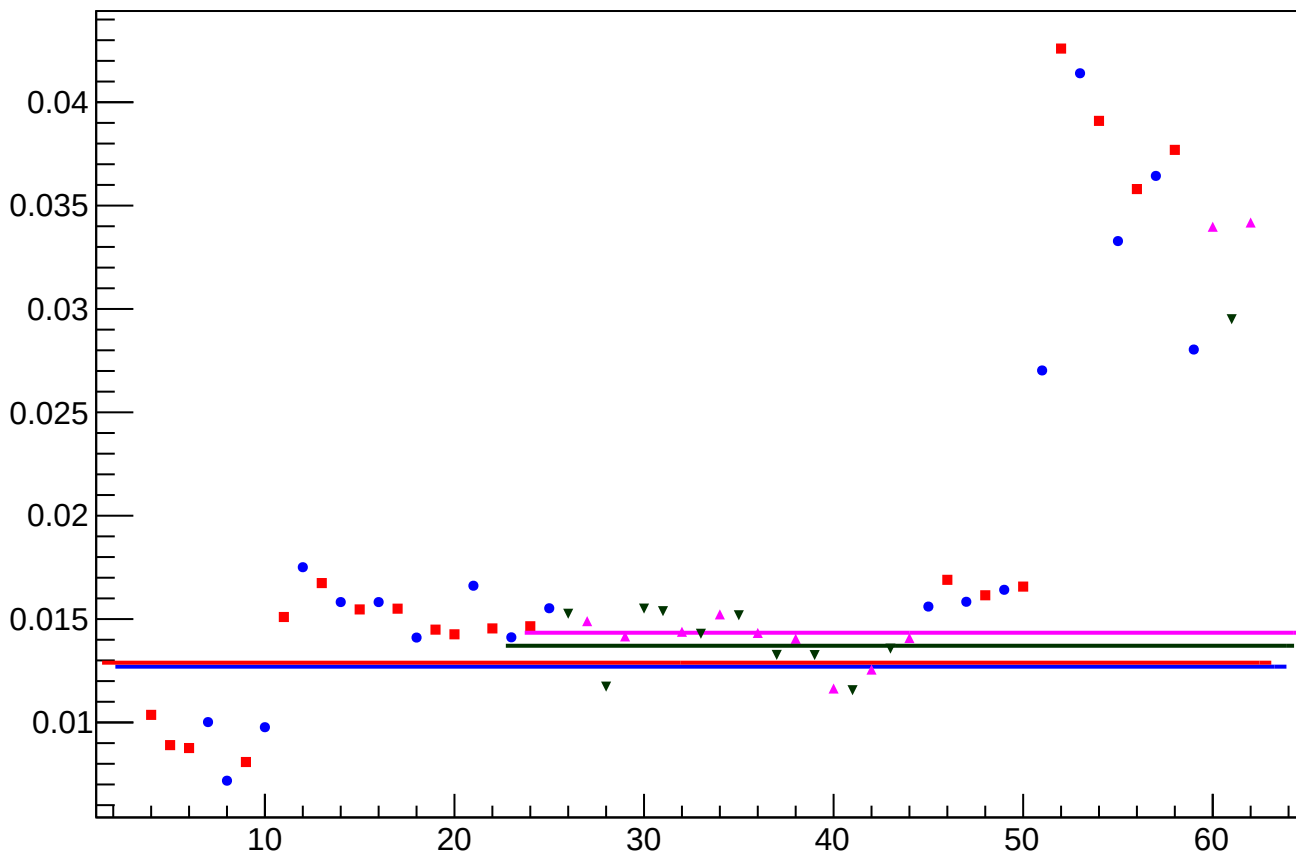
1.574 $\pm$ 0.000 χ^2/NDF : 17381902248.0/28

Right Out: 1.368 $\pm$ 0.000 χ^2/NDF : 12592500418.8/18

1.544 $\pm$ 0.000 χ^2/NDF : 16759784608.1/29

Left In: 1.835 $\pm$ 0.000 χ^2/NDF : 208665528.4/10

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 :323790.1/10

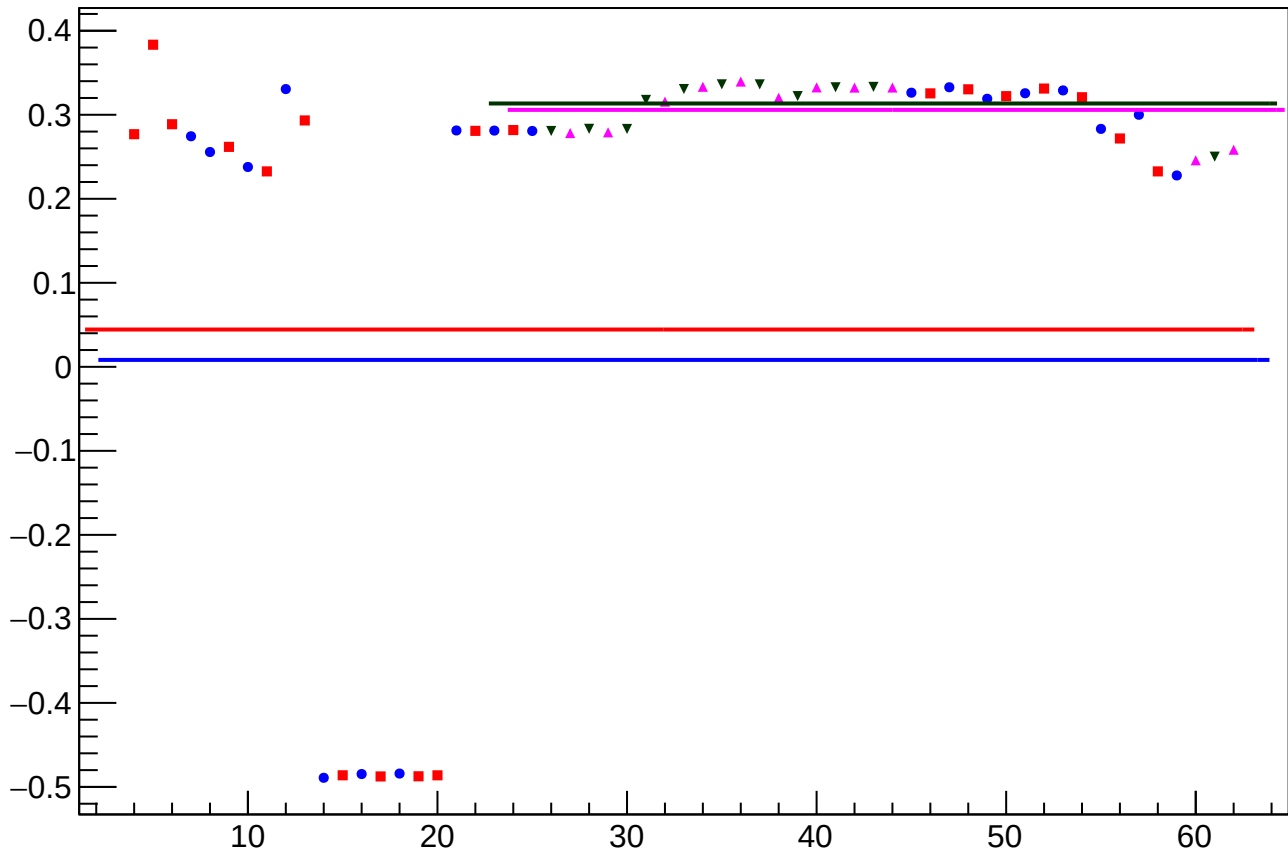
0.013+/-0.000 χ^2/NDF : 3896628.3/28

Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

0.013+/-0.000 χ^2/NDF : 3494072.3/29

Left In: 0.014+/-0.000 χ^2/NDF :603410.6/10

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 : 6107026.0/10

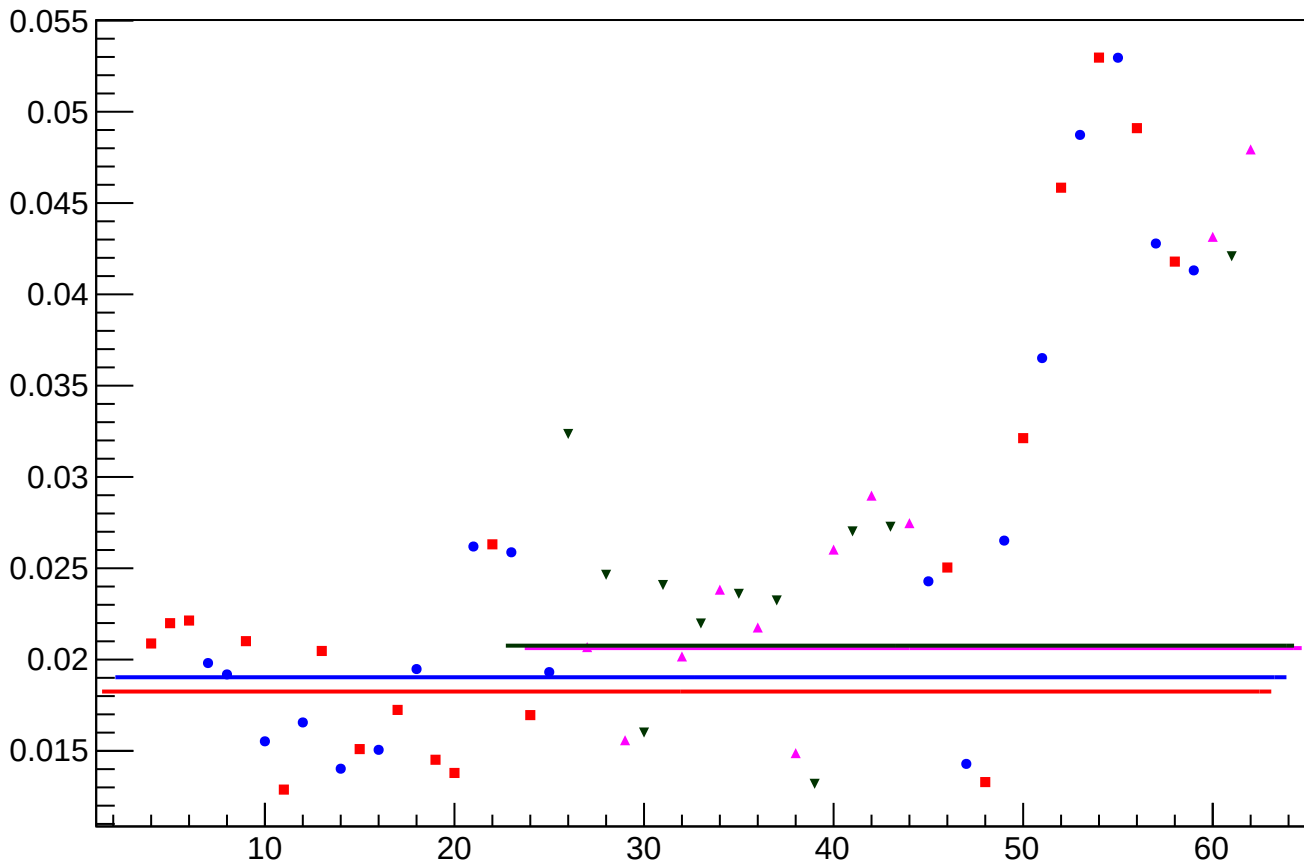
0.103 $\pm$ 0.000 χ^2/NDF : 4336739880.3/28

Right Out: 0.044 $\pm$ 0.000 χ^2/NDF : 3156873410.8/18

0.135 $\pm$ 0.000 χ^2/NDF : 3756979343.8/29

Left In: 0.306 $\pm$ 0.000 χ^2/NDF : 8799972.9/10

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 :941764.5/10

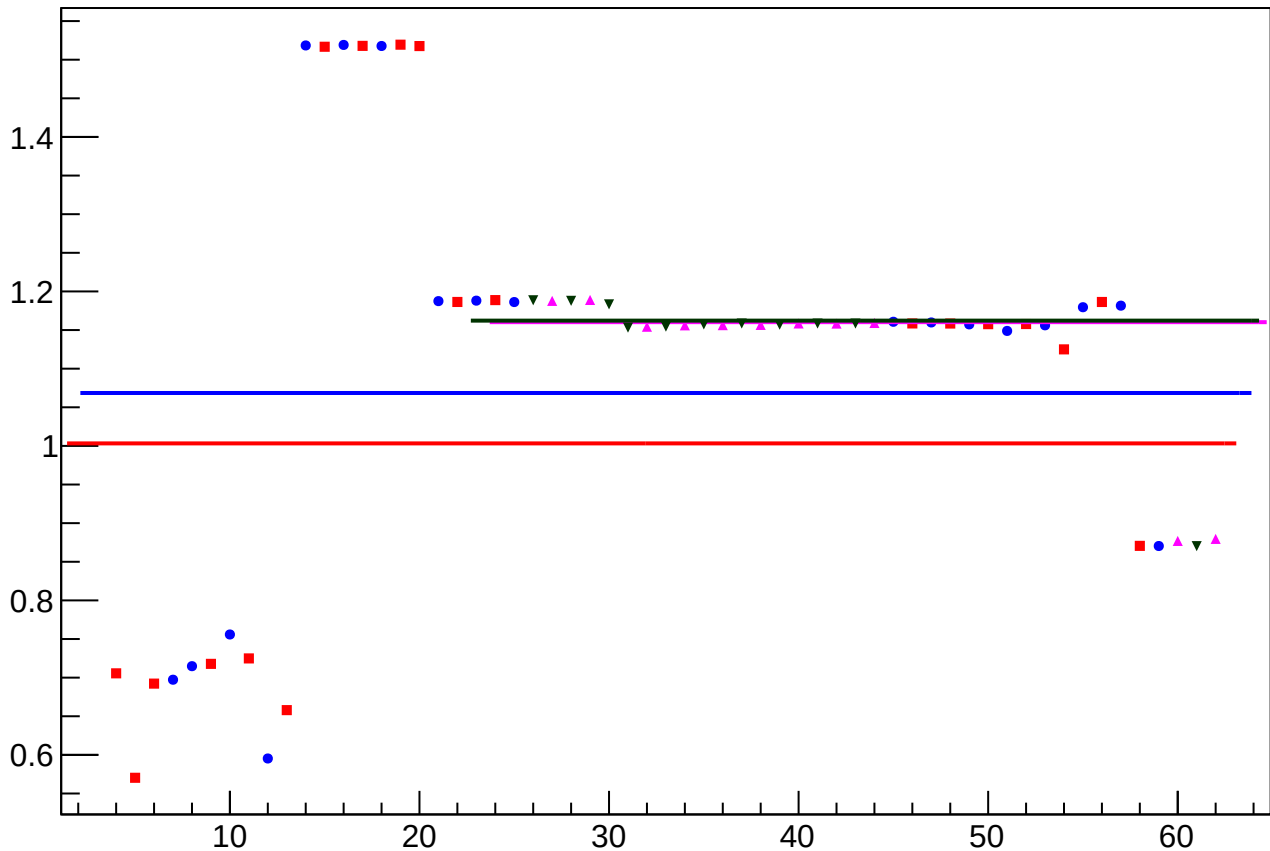
0.020+/-0.000 χ^2/NDF : 3584205.2/28

Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

0.019+/-0.000 χ^2/NDF : 3635770.9/29

Left In: 0.021+/-0.000 χ^2/NDF :1052483.2/10

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.162+/-0.000 χ^2/NDF : 73085265.8/10

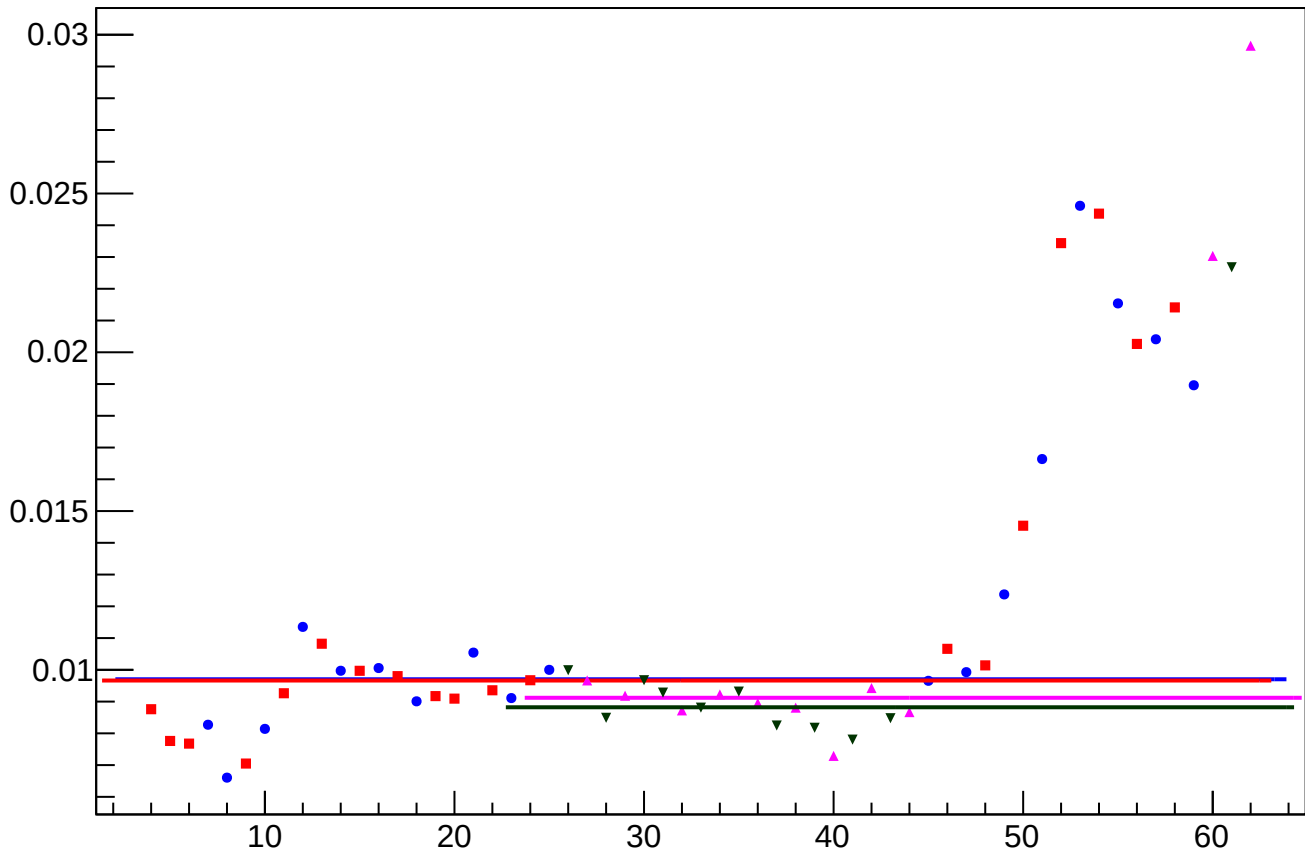
1.106+/-0.000 χ^2/NDF : 10979987795.3/28

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.071+/-0.000 χ^2/NDF : 11381097133.3/29

Left In: 1.160+/-0.000 χ^2/NDF : 109638375.7/10

yield_bpm4eY_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 1905622.6/17

Left Out: 0.009+/-0.000 χ^2/NDF :331920.5/10

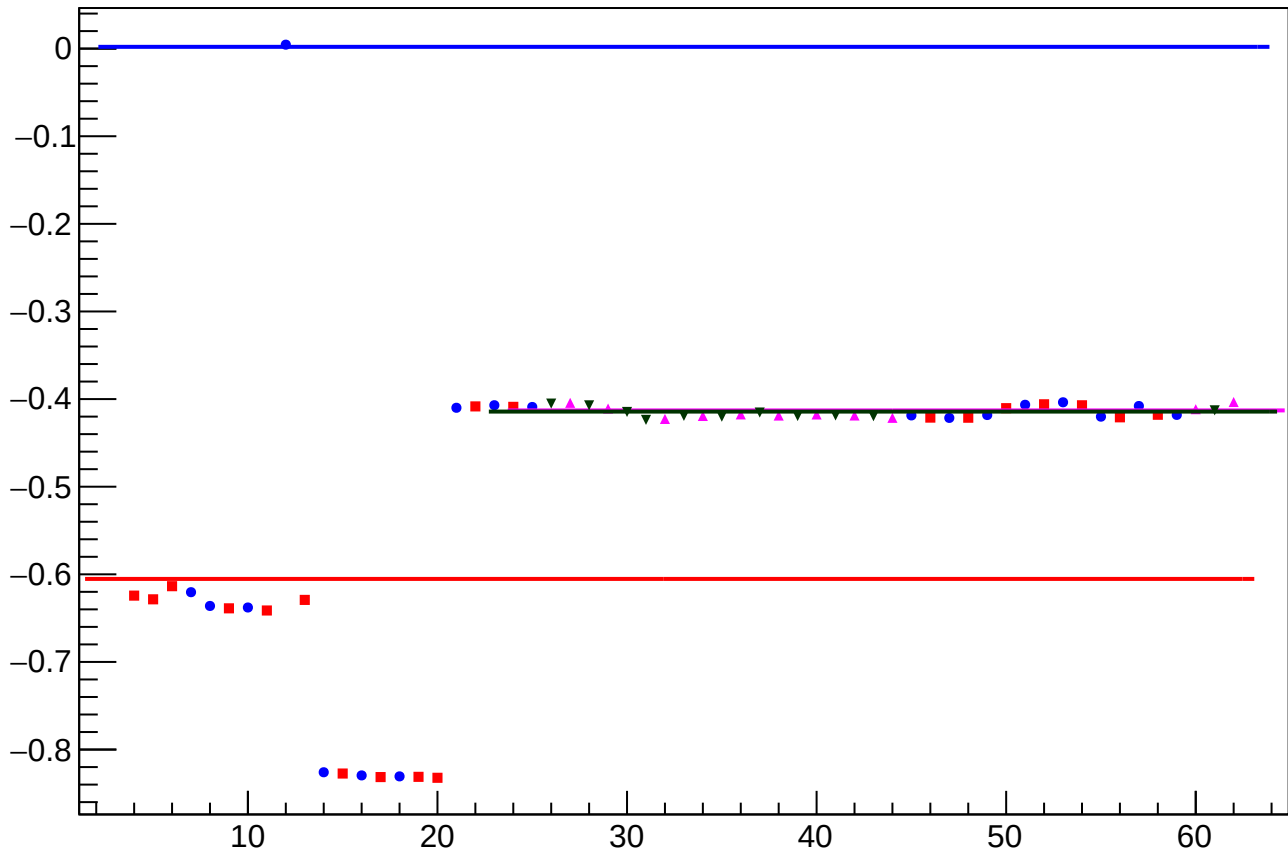
0.009+/-0.000 χ^2/NDF : 2301126.6/28

Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

0.009+/-0.000 χ^2/NDF : 2363964.6/29

Left In: 0.009+/-0.000 χ^2/NDF :743440.1/10

yield_bpm4acX_mean vs slug



Right In: 0.002 ± 0.000 χ^2/NDF : 59749781854.5/17

Left Out: -0.414 ± 0.000 χ^2/NDF : 2273234.8/10

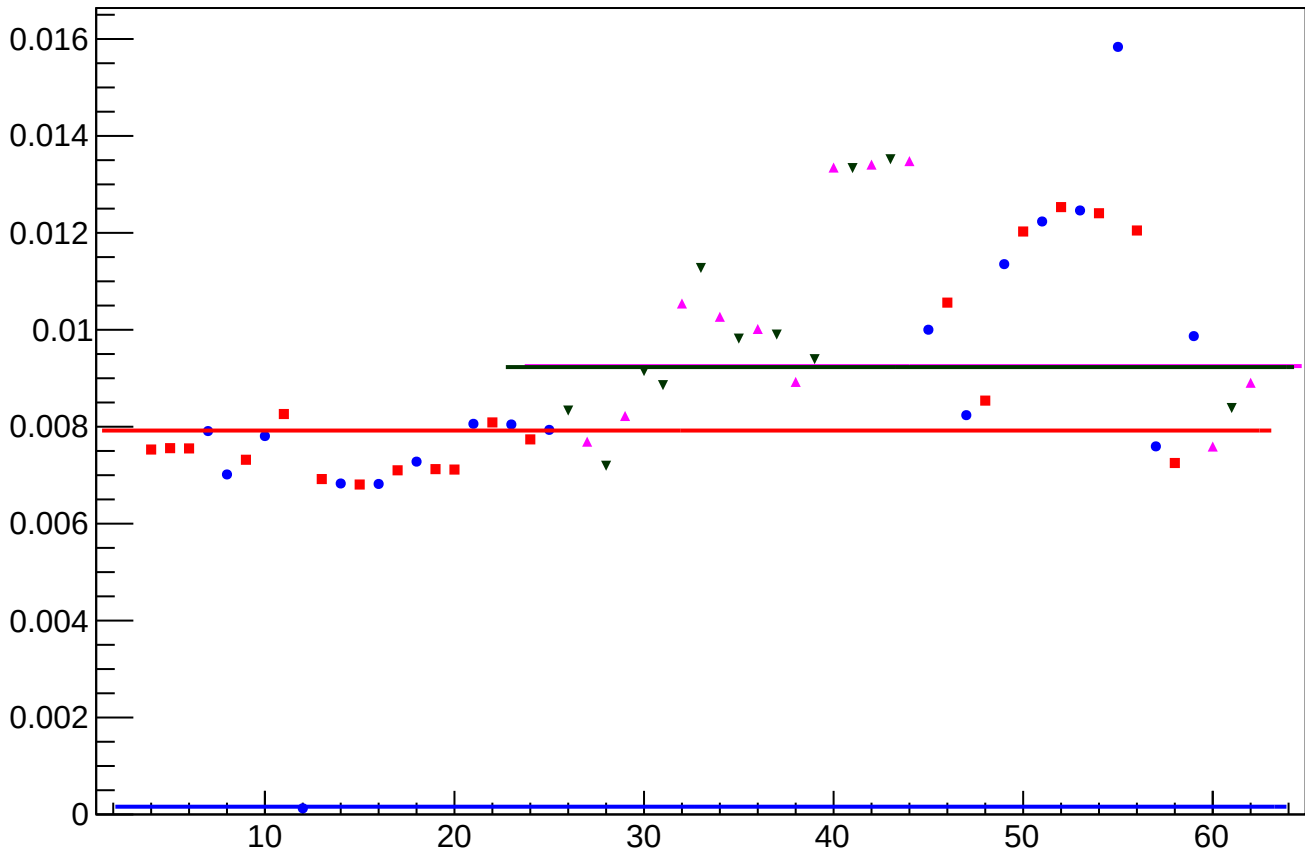
0.001 ± 0.000 χ^2/NDF : 70859109619.3/28

Right Out: -0.605 ± 0.000 χ^2/NDF : 3819629229.5/18

-0.542 ± 0.000 χ^2/NDF : 5655119734.9/29

Left In: -0.413 ± 0.000 χ^2/NDF : 3297304.9/10

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 :374798.2/10

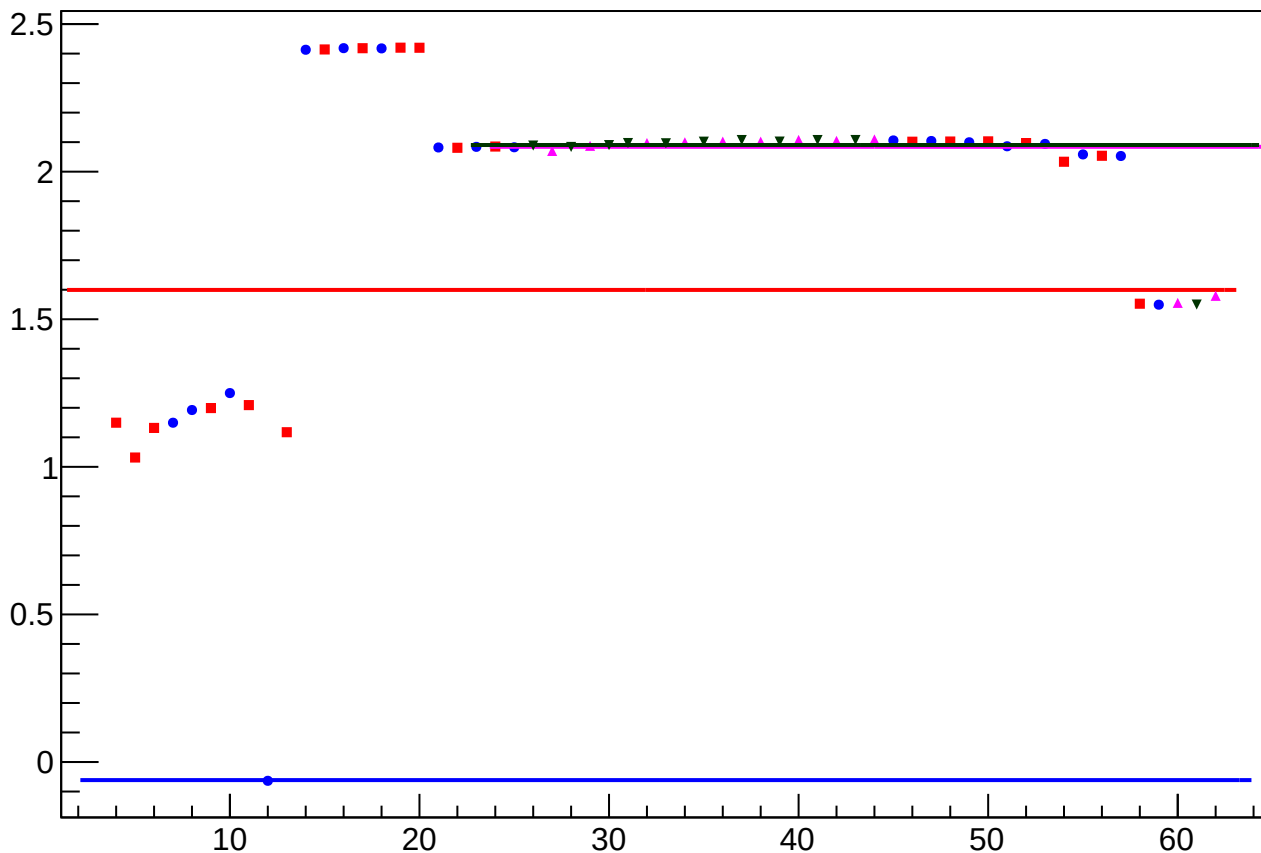
Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

Left In: 0.009+/-0.000 χ^2/NDF :484170.4/10

0.000+/-0.000 χ^2/NDF : 31184074.7/28

0.008+/-0.000 χ^2/NDF : 1356897.6/29

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.090+/-0.000 χ^2/NDF :120975447.5/10

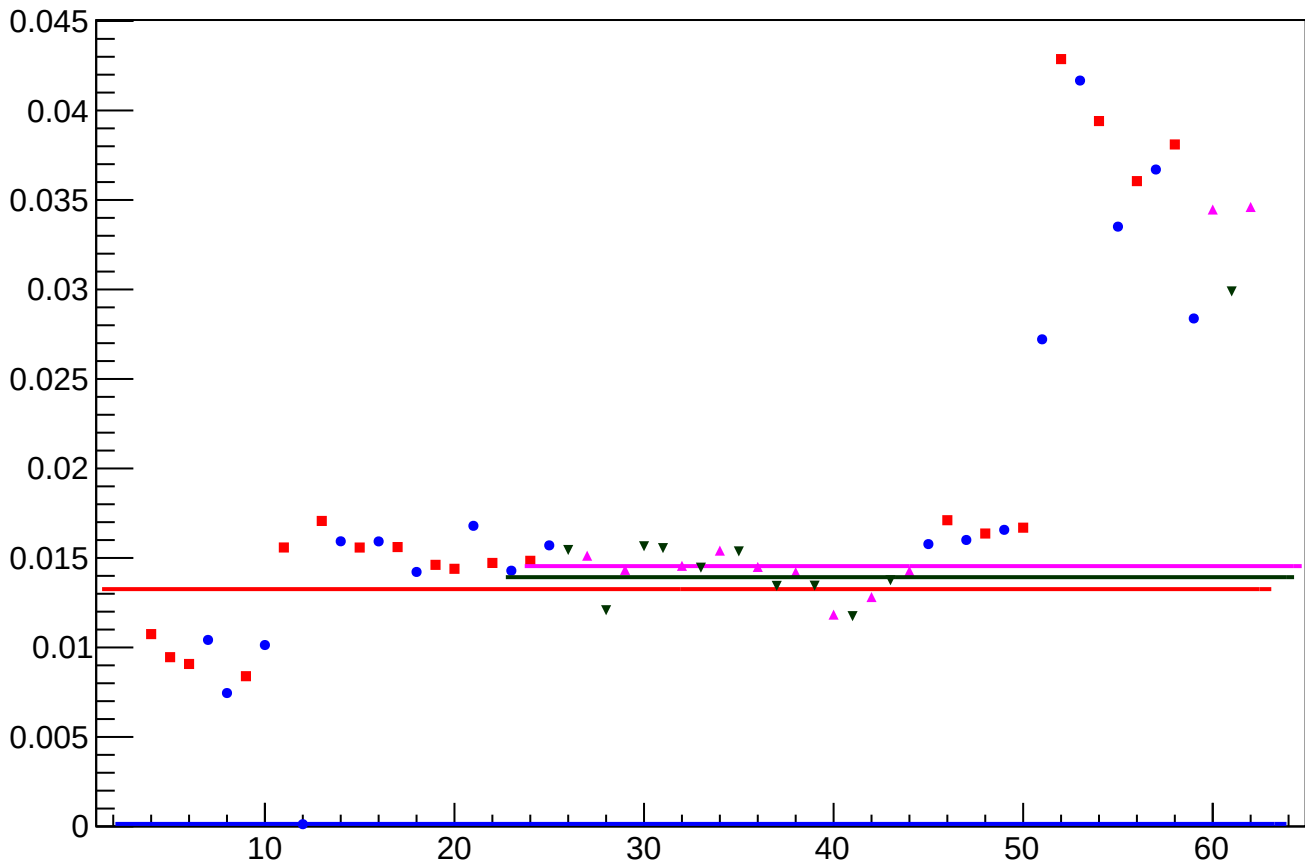
Right Out: 1.599+/-0.000 χ^2/NDF : 13096029057.2/18

Left In: 2.084+/-0.000 χ^2/NDF :183432882.5/10

-0.060+/-0.000 χ^2/NDF : 297344118341.6/28

1.784+/-0.000 χ^2/NDF : 17384355925.6/29

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 :313850.1/10

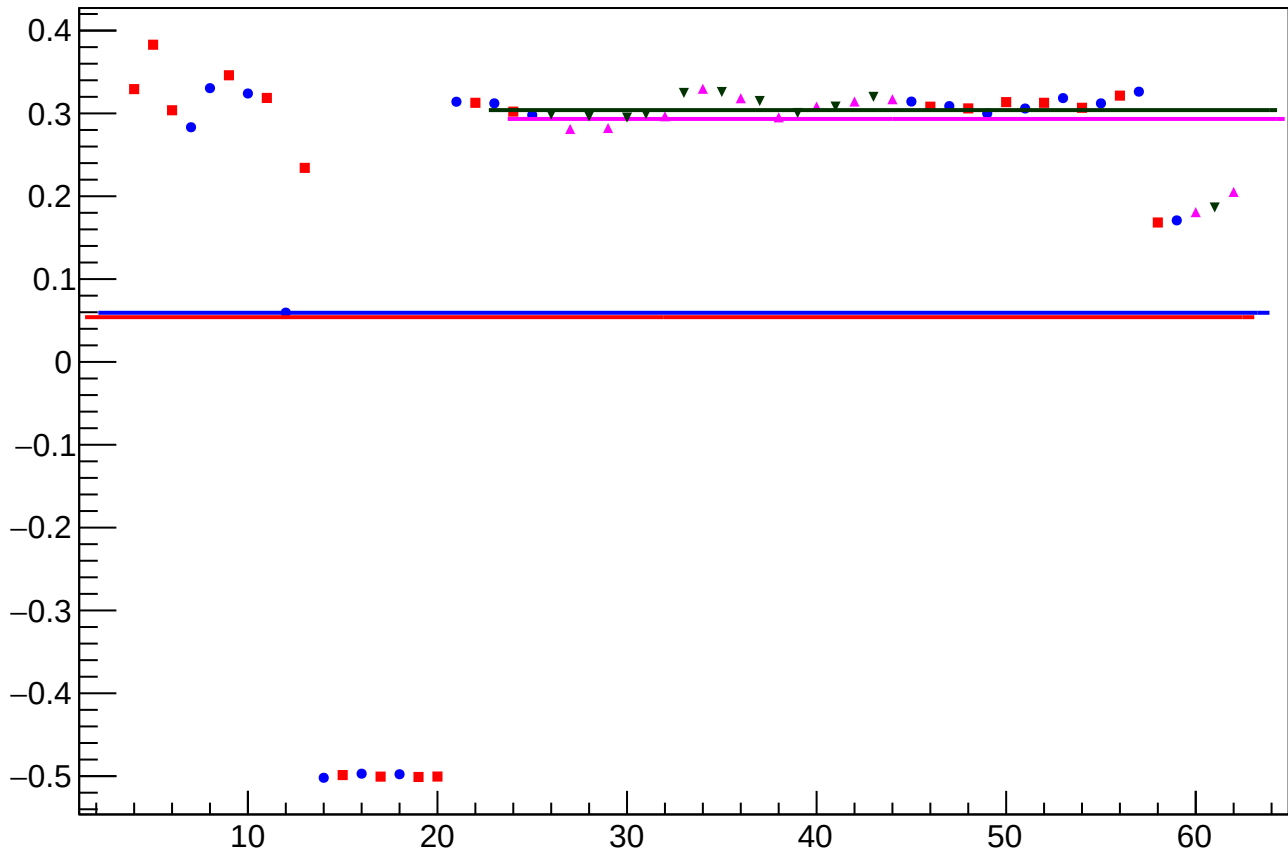
0.000+/-0.000 χ^2/NDF : 30308160.4/28

Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

0.014+/-0.000 χ^2/NDF : 3348218.1/29

Left In: 0.015+/-0.000 χ^2/NDF :600381.8/10

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.304+/-0.000 χ^2/NDF :4609518.4/10

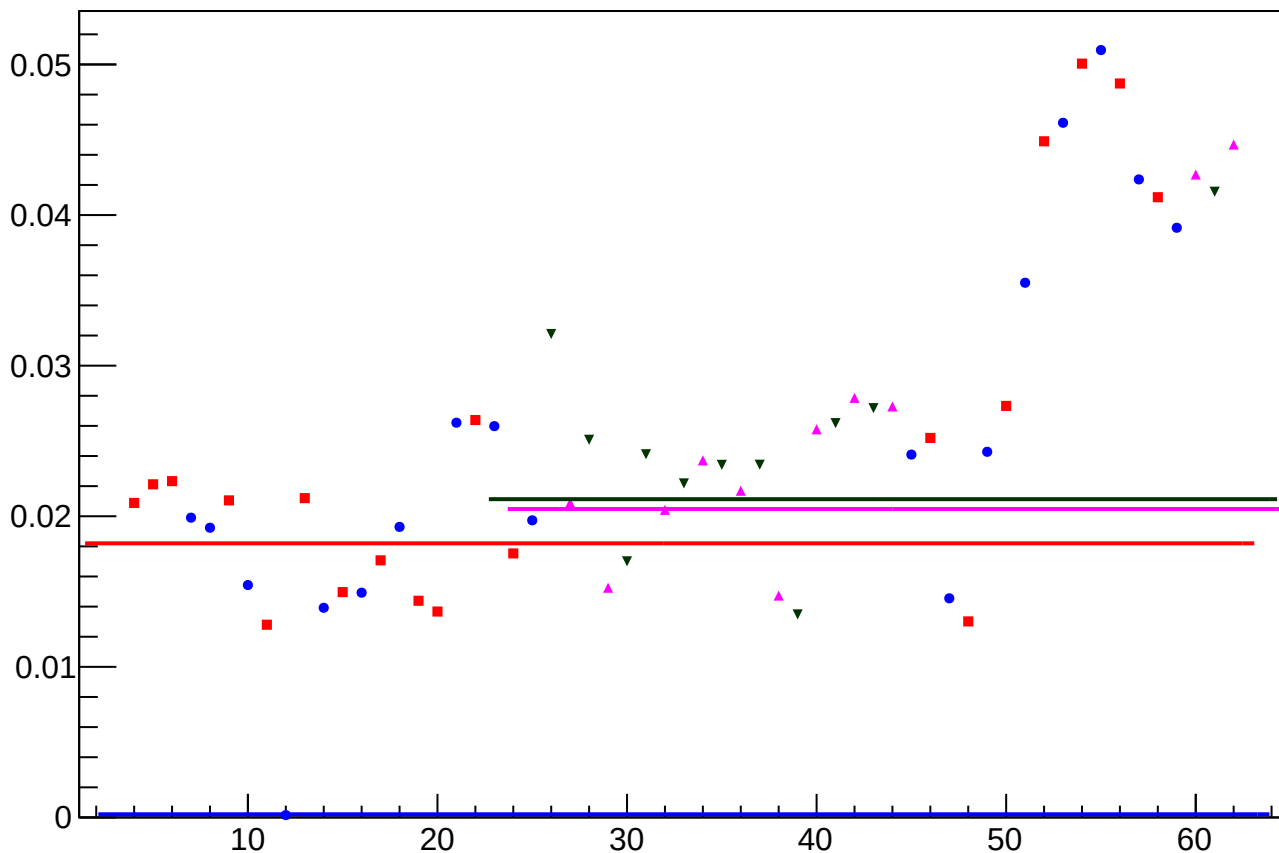
0.060+/-0.000 χ^2/NDF : 4565802428.3/28

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.138+/-0.000 χ^2/NDF : 4022161151.3/29

Left In: 0.293+/-0.000 χ^2/NDF :8416828.5/10

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.021+/-0.000 χ^2/NDF : 851584.2/10

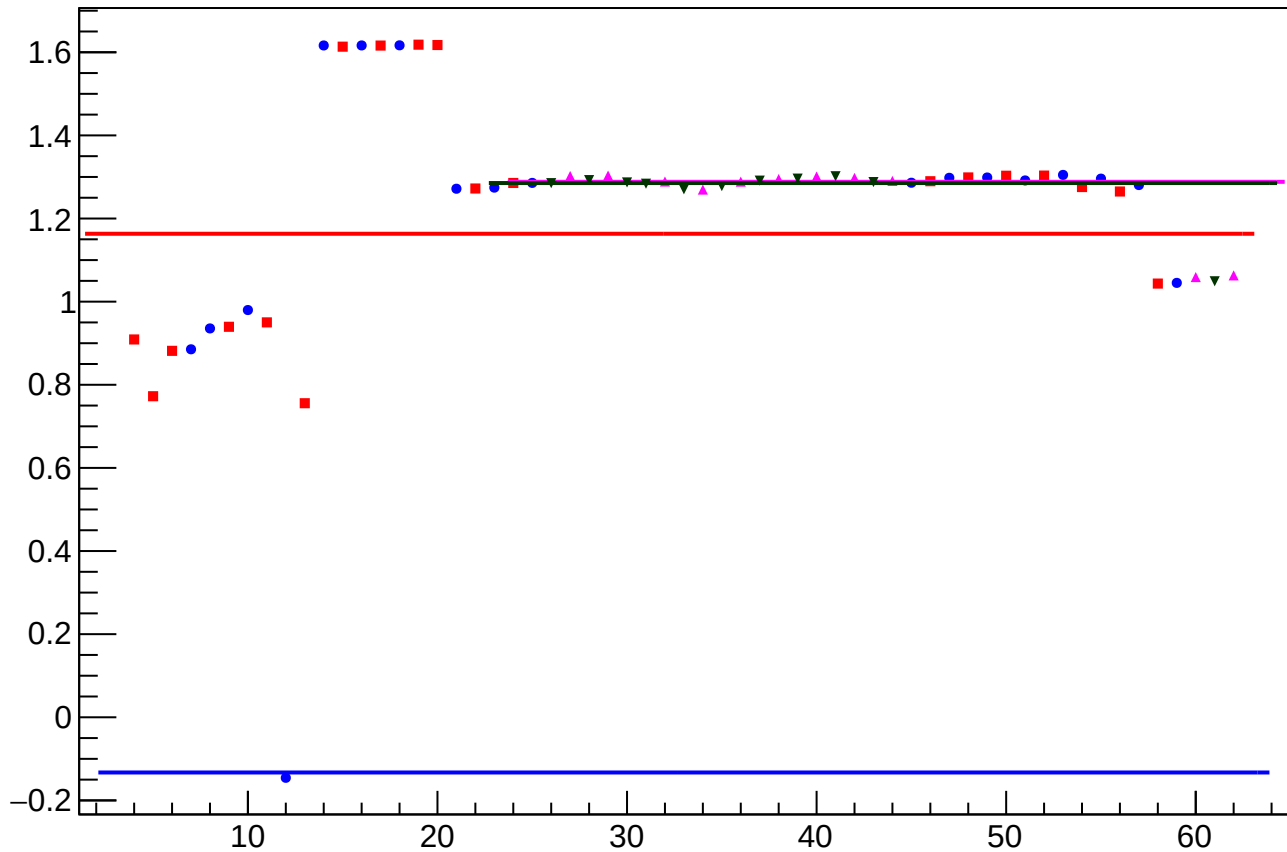
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.020+/-0.000 χ^2/NDF : 1038100.6/10

0.000+/-0.000 χ^2/NDF : 30437713.9/28

0.019+/-0.000 χ^2/NDF : 3551885.9/29

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.285+/-0.000 χ^2/NDF :40228893.4/10

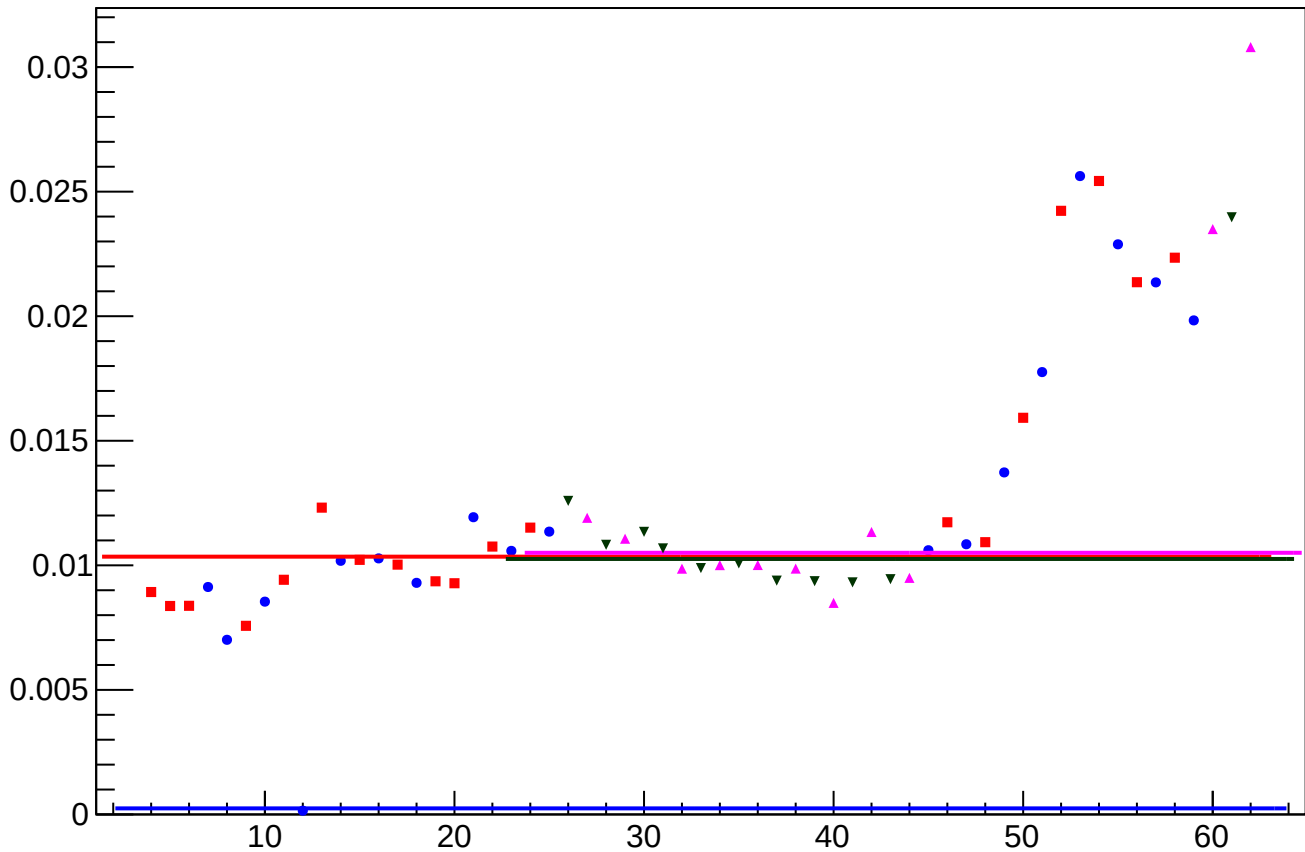
-0.125+/-0.000 χ^2/NDF : 270938660470.5/28

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.213+/-0.000 χ^2/NDF : 7817239341.2/29

Left In: 1.288+/-0.000 χ^2/NDF :65290783.5/10

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 : 326843.6/10

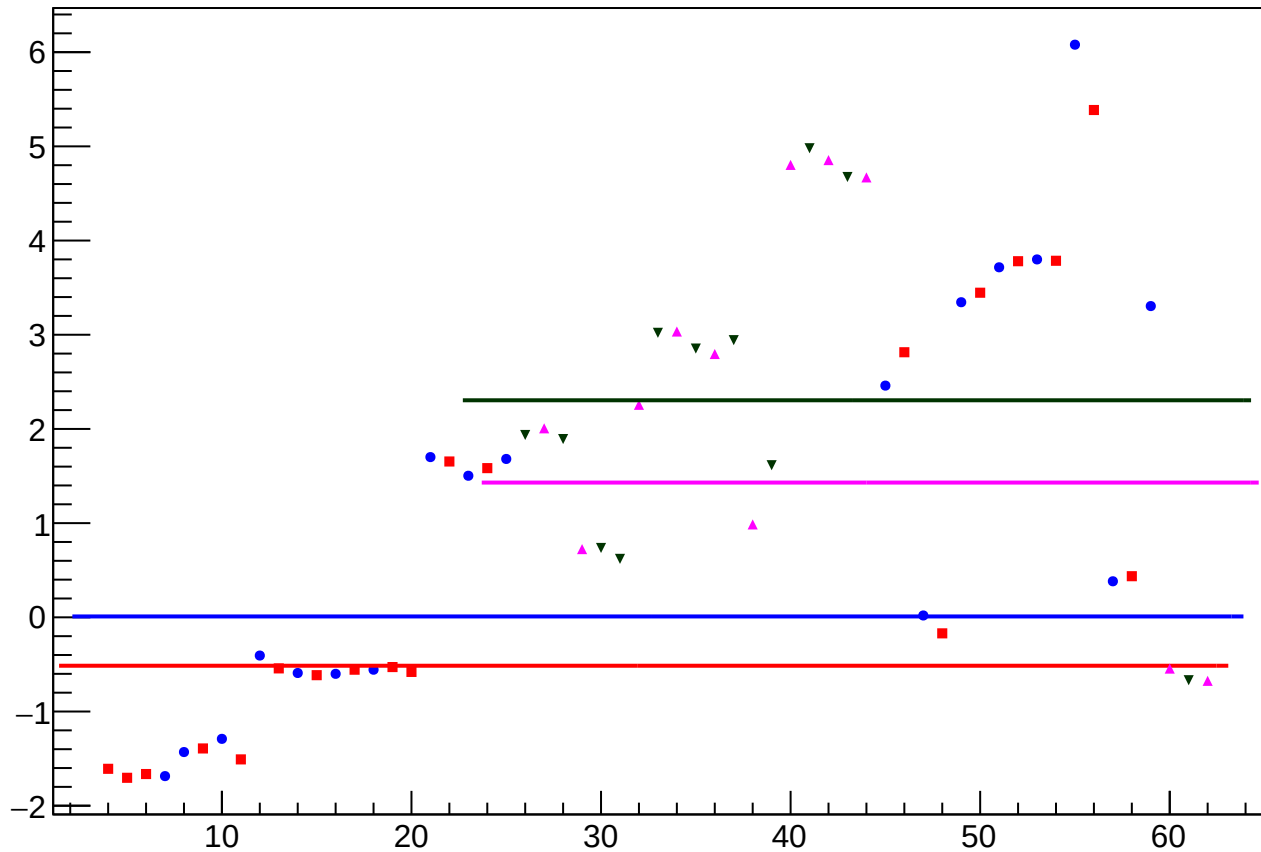
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.011+/-0.000 χ^2/NDF : 709014.2/10

0.000+/-0.000 χ^2/NDF : 29658595.9/28

0.010+/-0.000 χ^2/NDF : 2329917.1/29

yield_bpm1X_mean vs slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 18135045883.2/17

0.185 $\pm$ 0.000 χ^2 /NDF: 21494524367.2/28

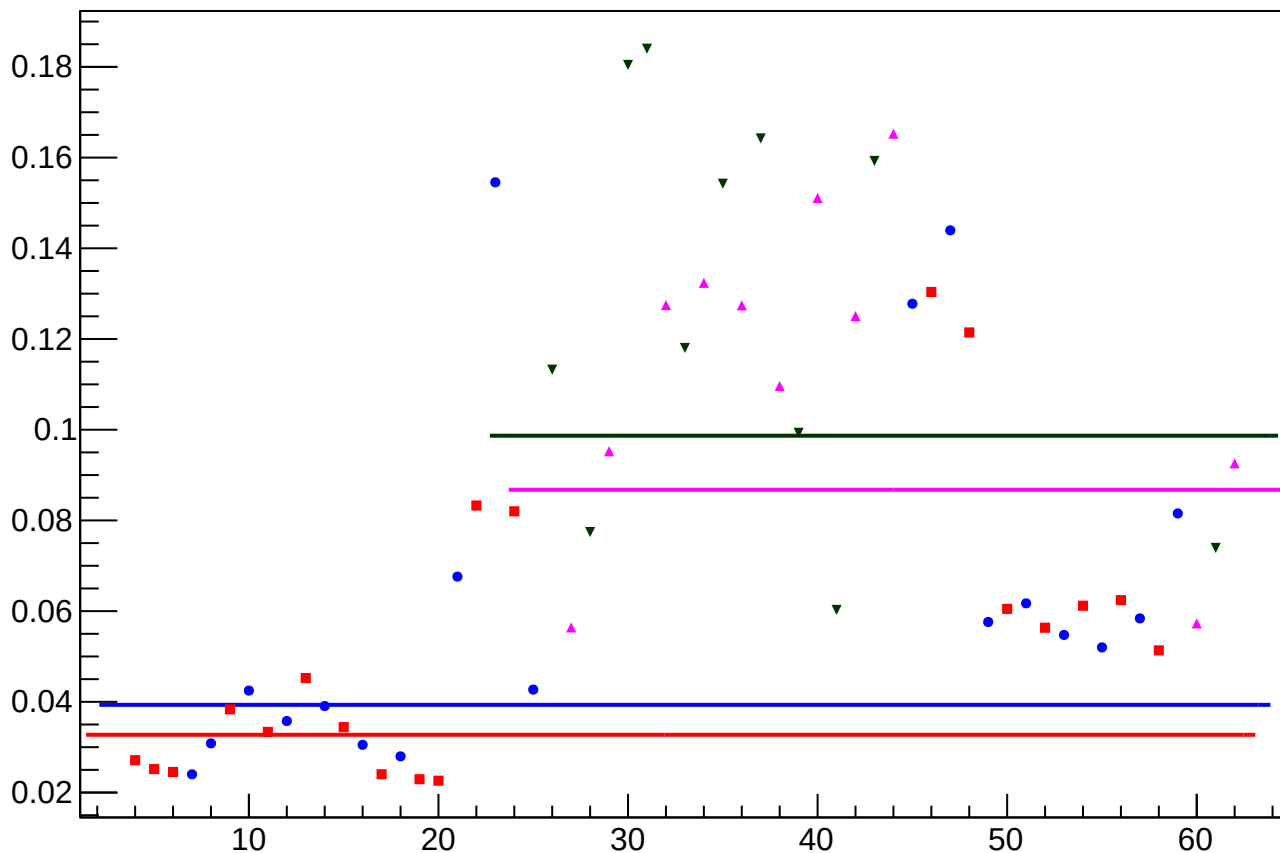
Left Out: 2.304 $\pm$ 0.000 χ^2 /NDF:1434487815.3/10

Right Out: -0.514 $\pm$ 0.000 χ^2 /NDF: 14474436949.2/18

-0.341 $\pm$ 0.000 χ^2 /NDF: 18220060485.1/29

Left In: 1.431 $\pm$ 0.000 χ^2 /NDF:1687000688.0/10

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.099+/-0.000 χ^2/NDF : 1170828.4/10

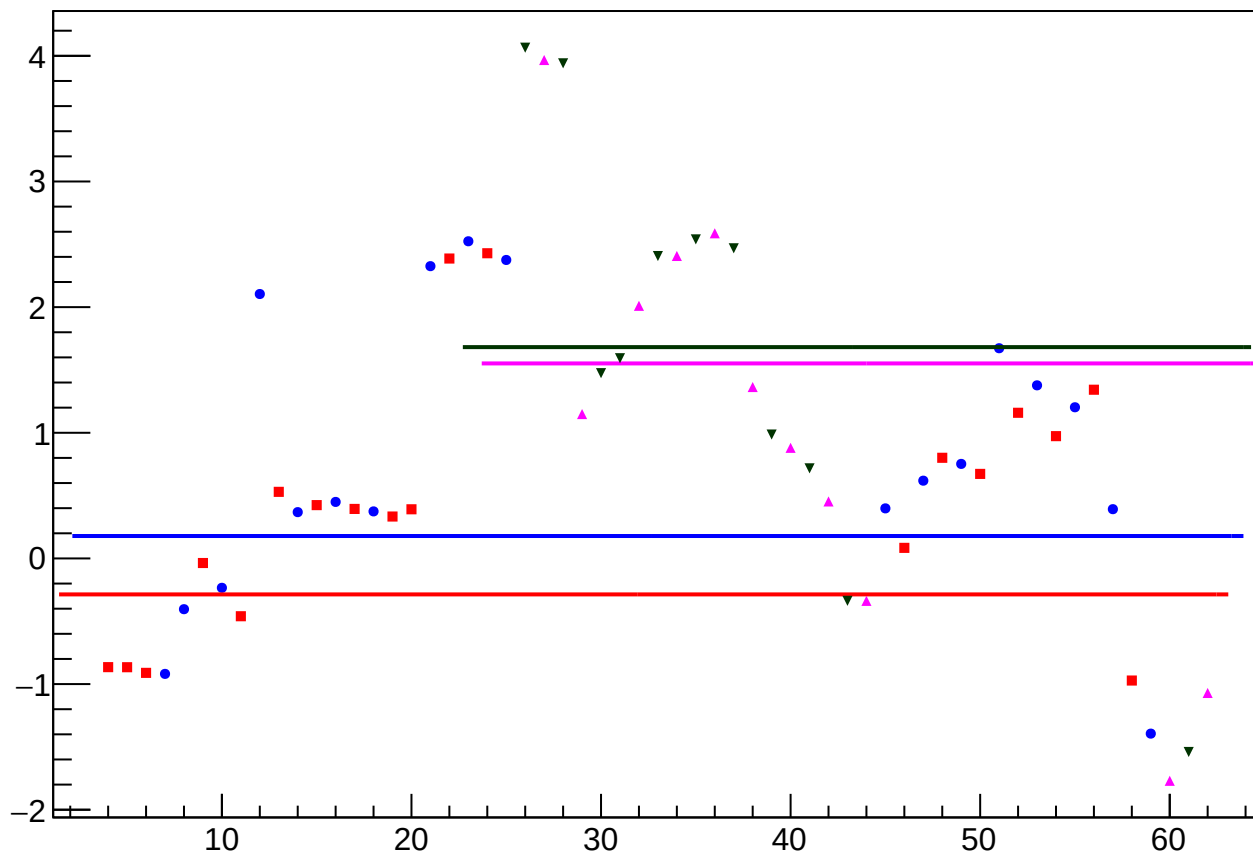
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.087+/-0.000 χ^2/NDF : 1384414.3/10

0.044+/-0.000 χ^2/NDF : 6823447.6/28

0.038+/-0.000 χ^2/NDF : 7401732.6/29

yield_bpm1Y_mean vs slug



Right In: 0.178+/-0.000 χ^2/NDF : 9482704623.3/17

Left Out: 1.682+/-0.000 χ^2/NDF : 2931001427.4/10

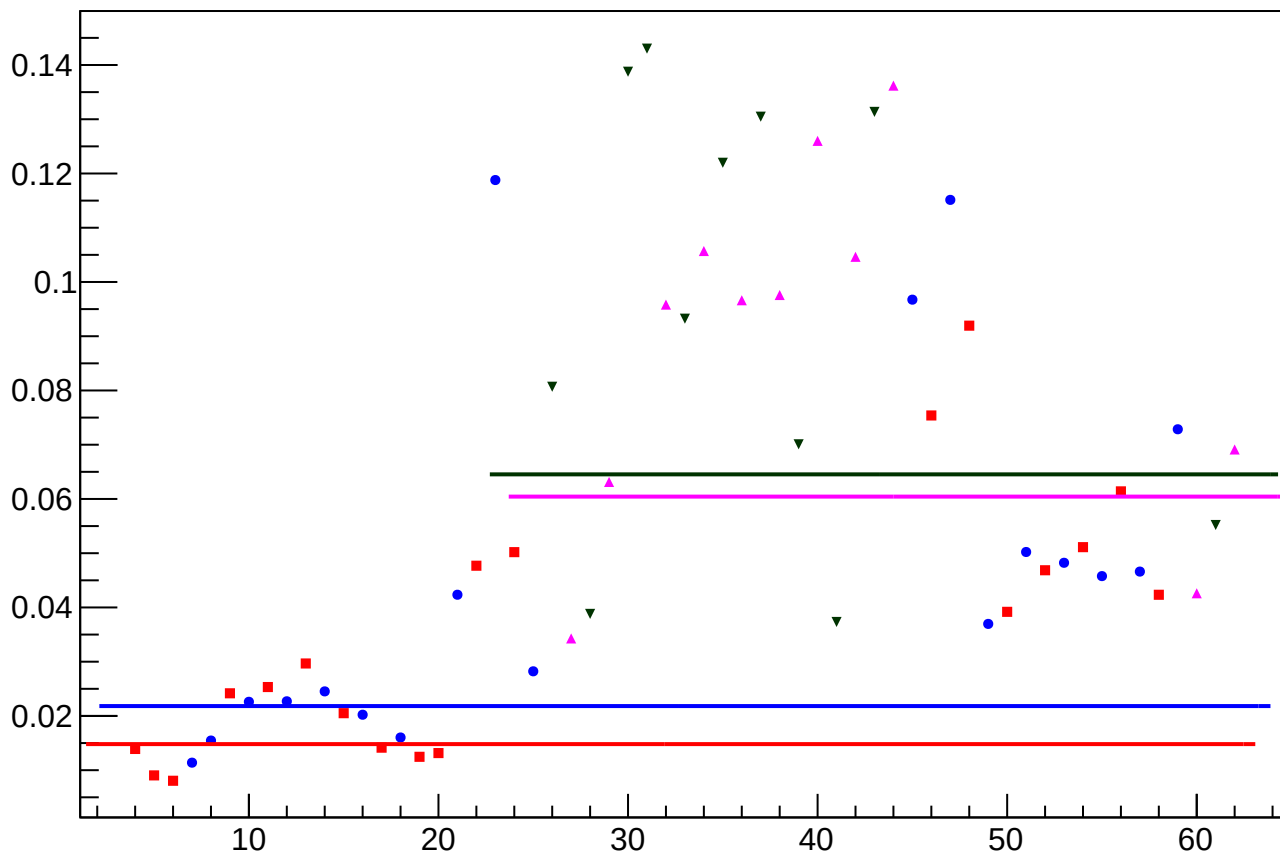
Right Out: -0.286+/-0.000 χ^2/NDF : 10734675455.5/18

Left In: 1.552+/-0.000 χ^2/NDF : 5439778102.3/10

0.269+/-0.000 χ^2/NDF : 14091723208.5/28

-0.198+/-0.000 χ^2/NDF : 19707609718.6/29

yield_bpm1Y_rms vs slug



Right In: 0.022 ± 0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.065 ± 0.000 χ^2/NDF : 1802421.4/10

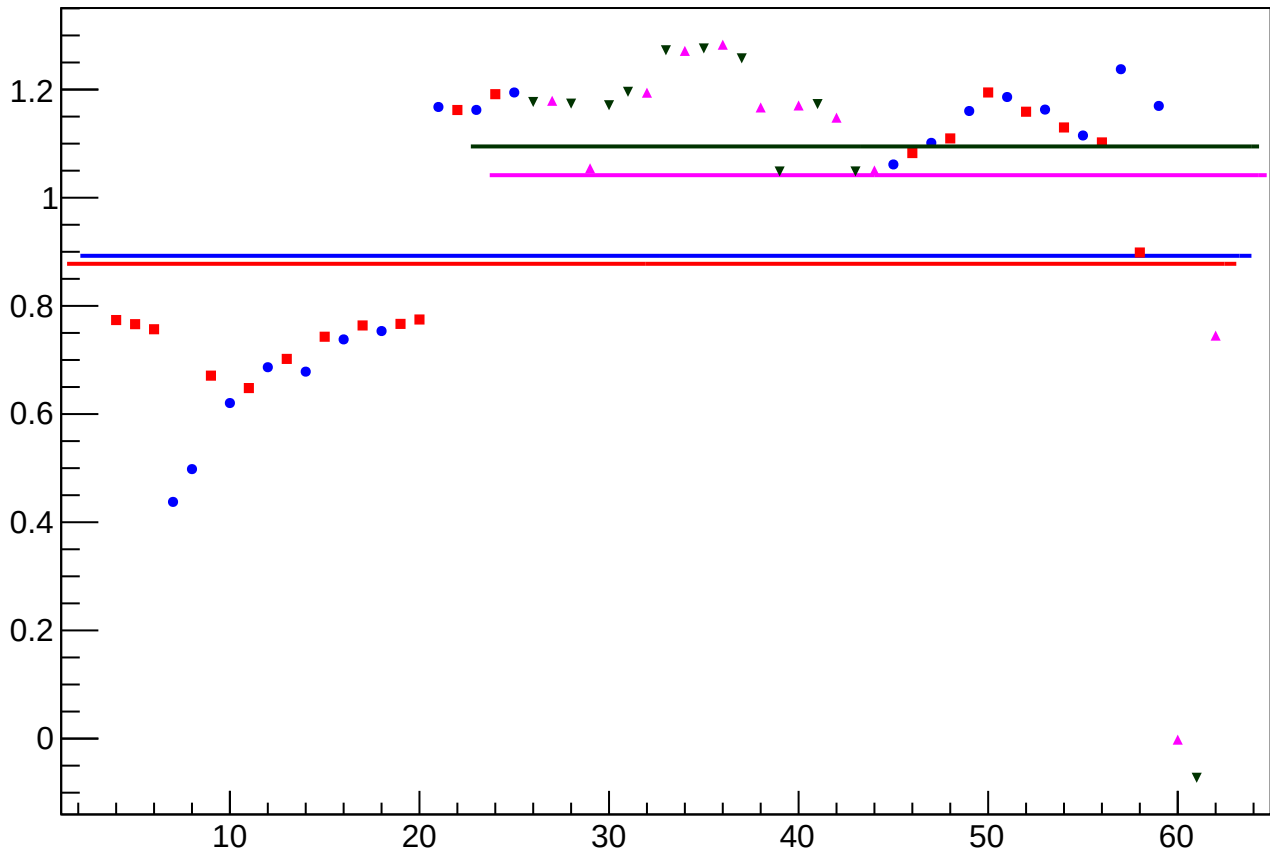
Right Out: 0.015 ± 0.000 χ^2/NDF : 4938559.5/18

Left In: 0.060 ± 0.000 χ^2/NDF : 1973651.6/10

0.024 ± 0.000 χ^2/NDF : 9181019.7/28

0.017 ± 0.000 χ^2/NDF : 11265290.7/29

yield_bpm11X_mean vs slug



Right In: 0.893 ± 0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.095 ± 0.000 χ^2/NDF : 1061247146.4/10

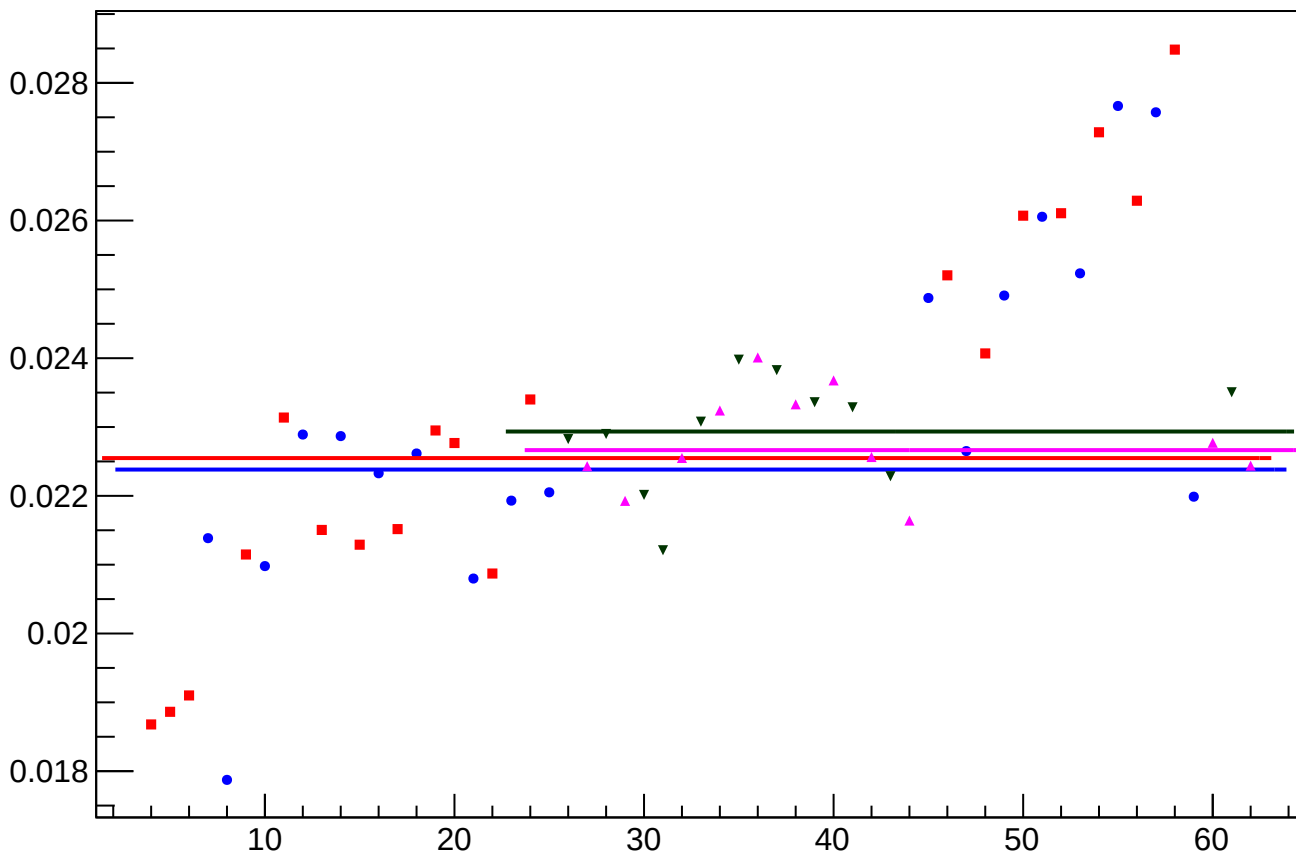
Right Out: 0.878 ± 0.000 χ^2/NDF : 761495098.5/18

Left In: 1.042 ± 0.000 χ^2/NDF : 1319978991.8/10

0.959 ± 0.000 χ^2/NDF : 2979105914.9/28

0.943 ± 0.000 χ^2/NDF : 2281666906.4/29

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 :11916.3/10

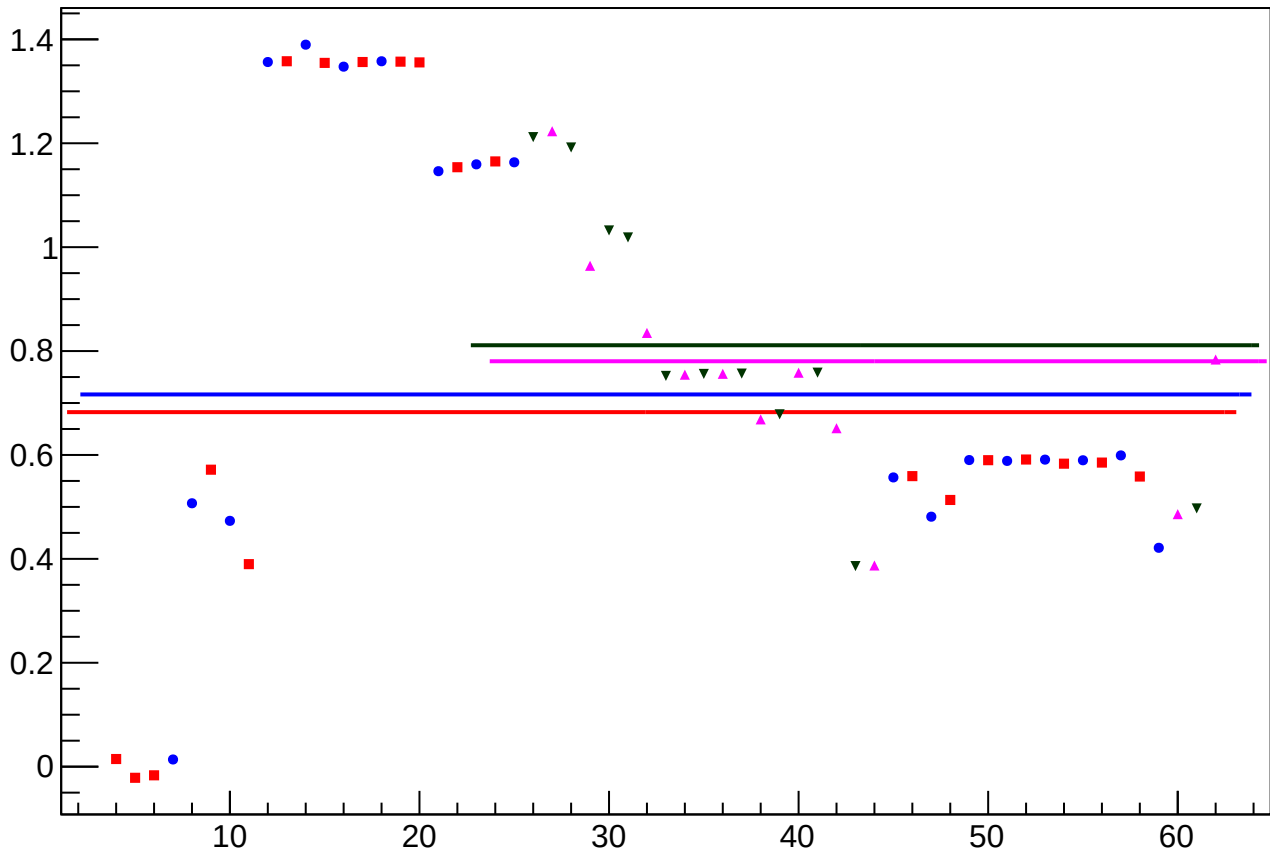
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.023+/-0.000 χ^2/NDF :10543.1/10

0.023+/-0.000 χ^2/NDF : 280839.8/28

0.023+/-0.000 χ^2/NDF : 256937.0/29

yield_bpm11Y_mean vs slug



Right In: 0.716 ± 0.000 χ^2/NDF : 131330740430.7/17

Left Out: 0.811 ± 0.000 χ^2/NDF : 26472975705.7/10

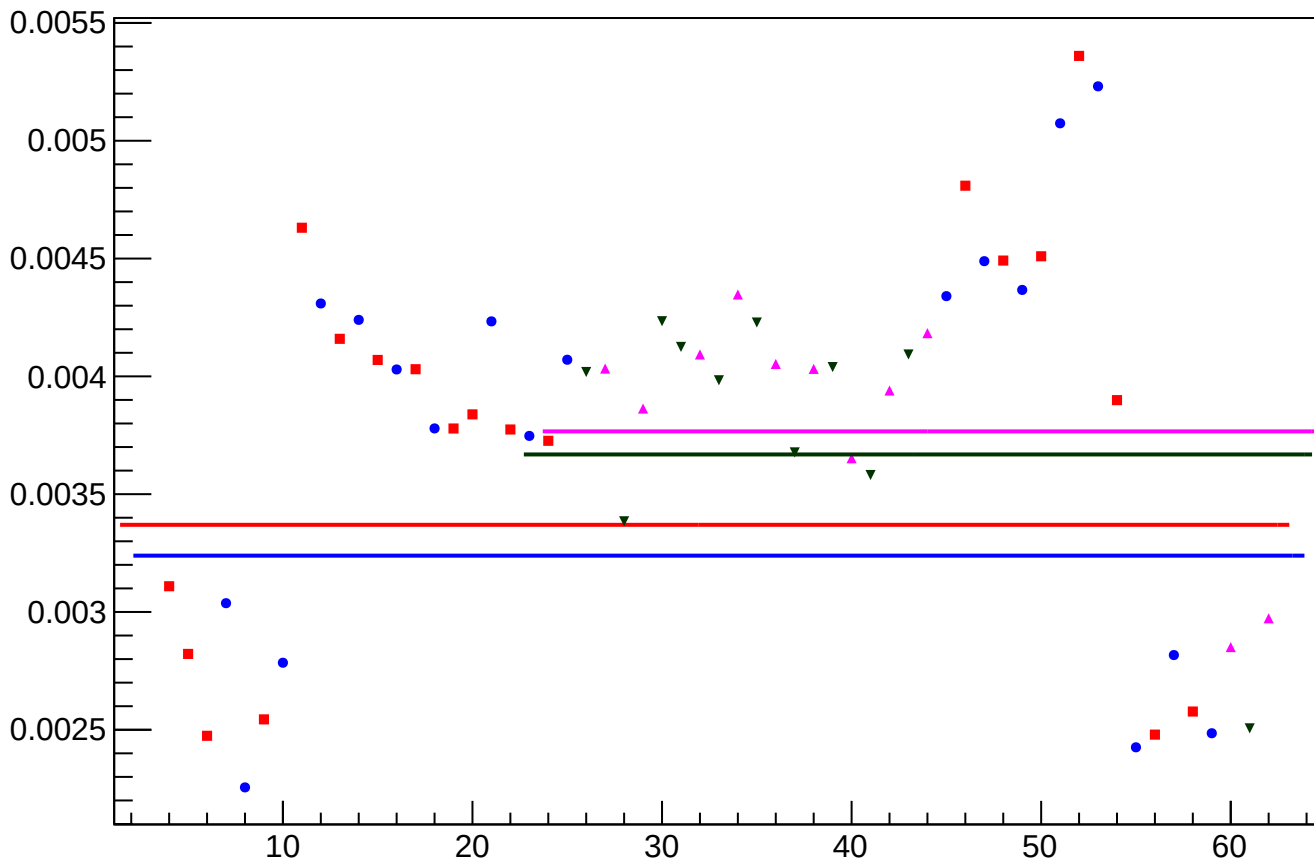
0.744 ± 0.000 χ^2/NDF : 160308579129.1/28

Right Out: 0.682 ± 0.000 χ^2/NDF : 168328456976.2/18

0.717 ± 0.000 χ^2/NDF : 192659764416.3/29

Left In: 0.780 ± 0.000 χ^2/NDF : 21636852863.0/10

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 :243290.5/10

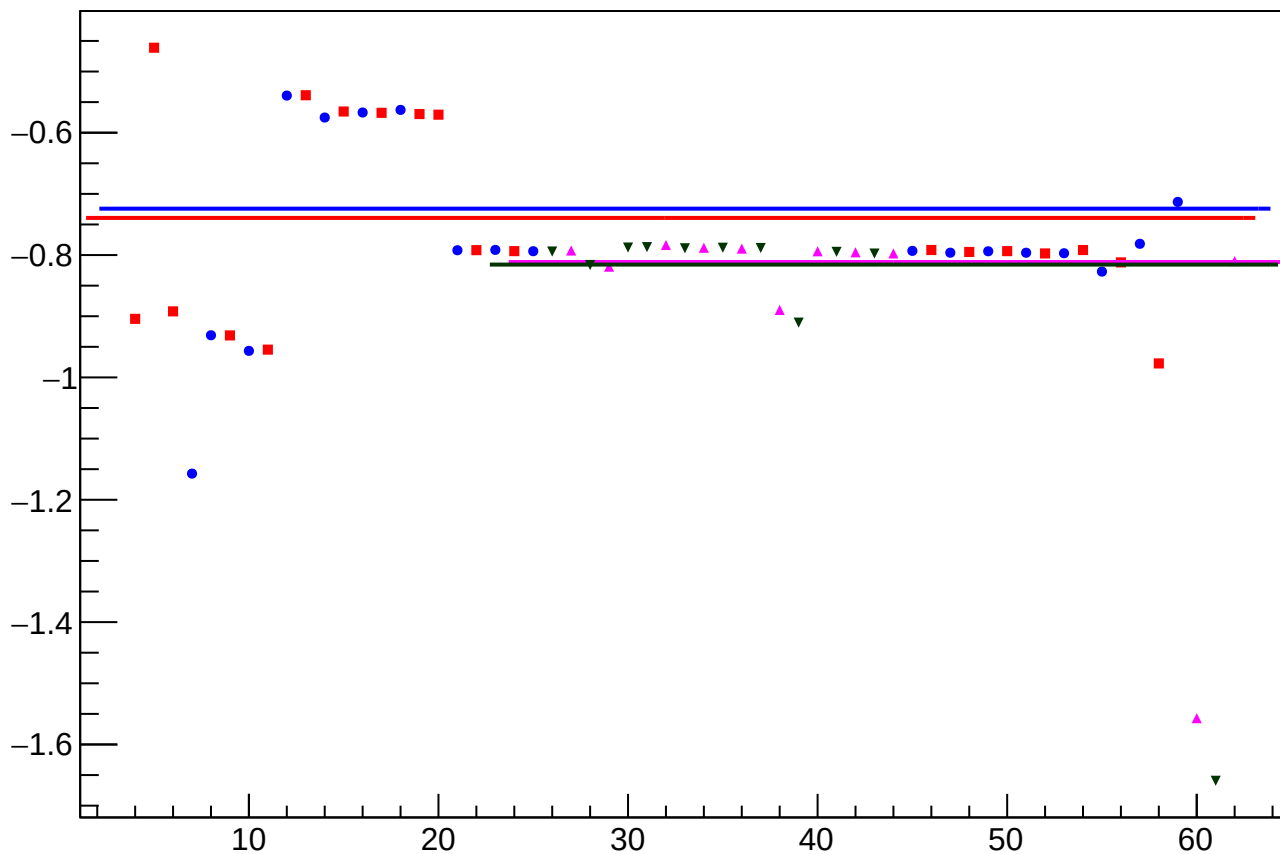
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF :199329.3/10

0.003+/-0.000 χ^2/NDF : 1899149.2/28

0.004+/-0.000 χ^2/NDF : 1445856.6/29

yield_bpm12X_mean vs slug



Right In: -0.724 ± 0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.816 ± 0.000 χ^2/NDF : 545004337.3/10

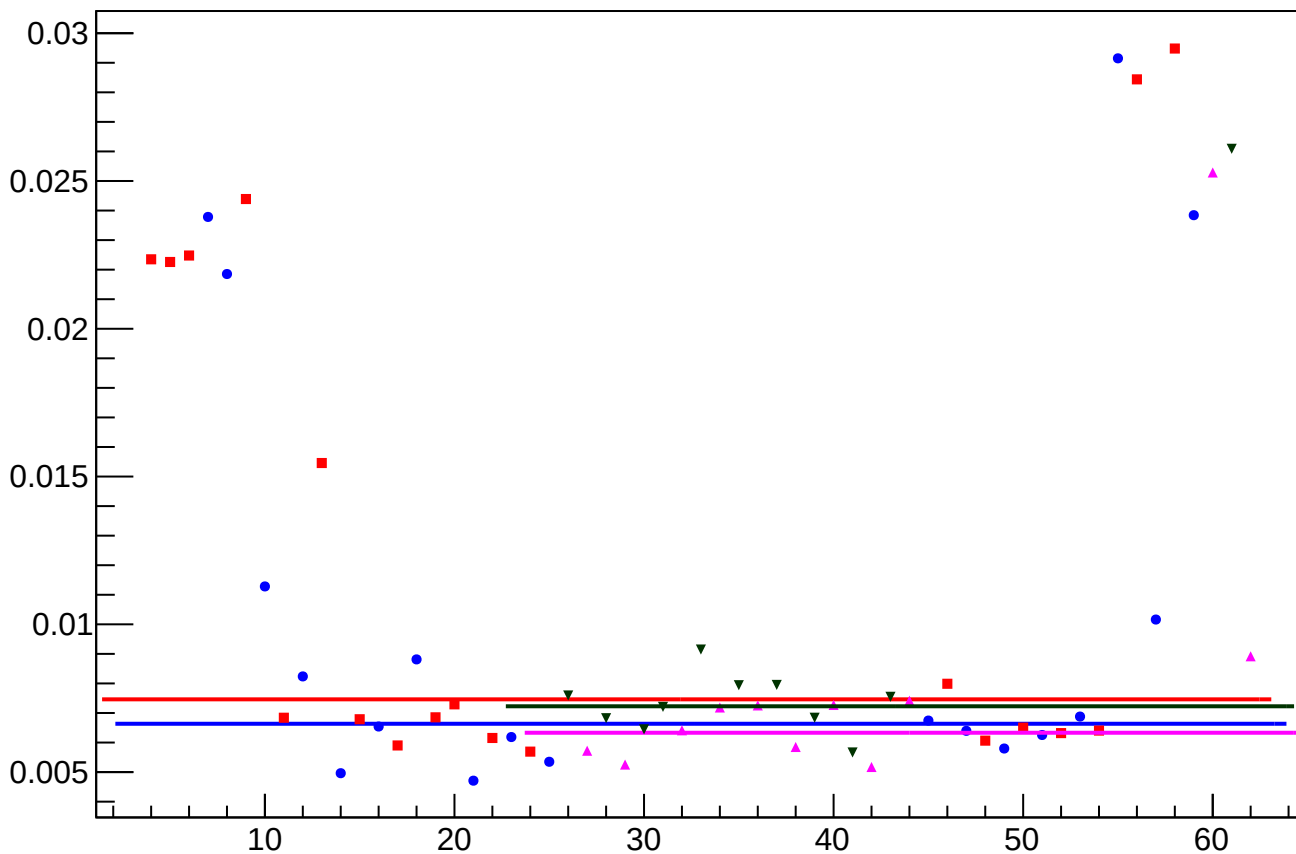
Right Out: -0.739 ± 0.000 χ^2/NDF : 1945829237.2/18

Left In: -0.811 ± 0.000 χ^2/NDF : 553484741.4/10

-0.754 ± 0.000 χ^2/NDF : 3231615751.6/28

-0.775 ± 0.000 χ^2/NDF : 2793254603.2/29

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 :553925.8/10

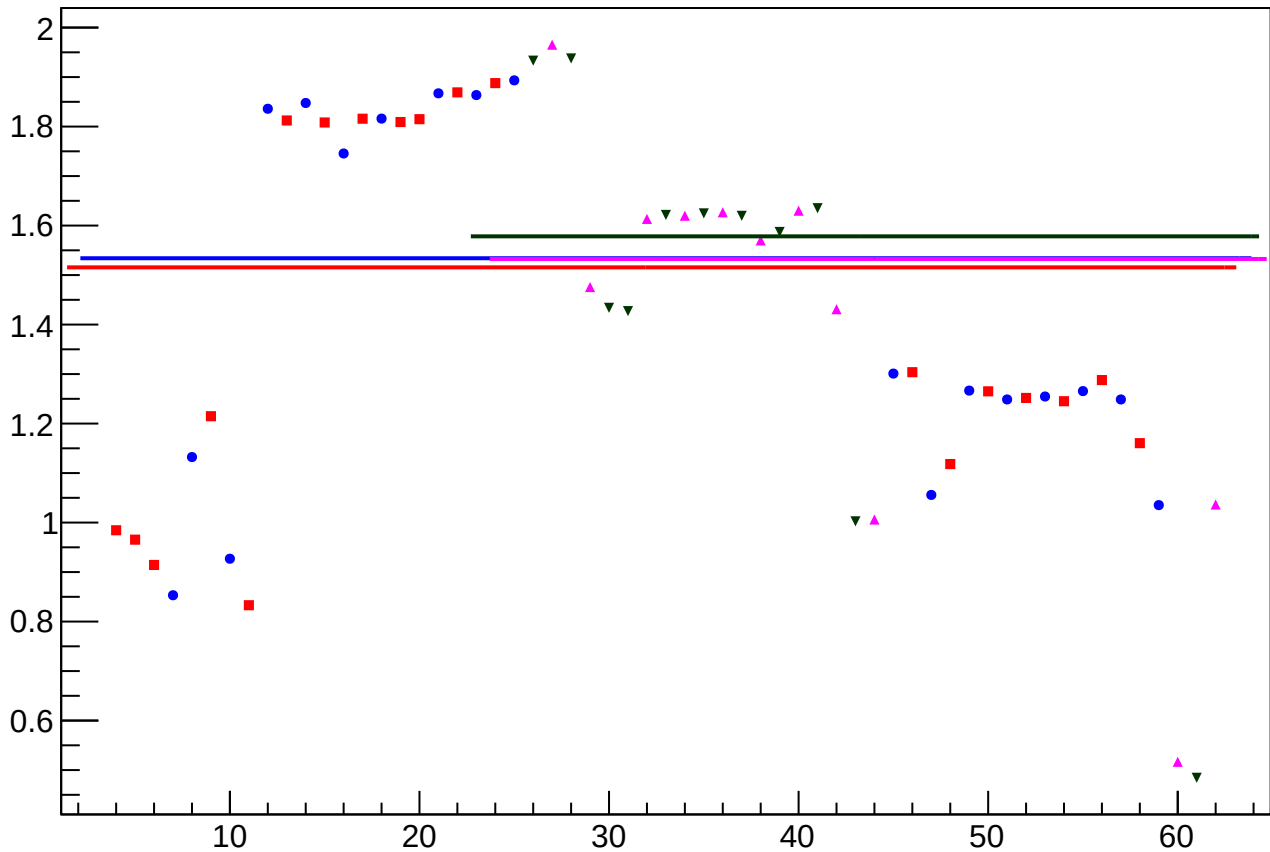
Right Out: 0.007+/-0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006+/-0.000 χ^2/NDF :796048.6/10

0.007+/-0.000 χ^2/NDF : 3938501.4/28

0.007+/-0.000 χ^2/NDF : 4419377.9/29

yield_bpm12Y_mean vs slug



Right In: 1.534 $\pm$ 0.000 χ^2 /NDF: 22395382646.2/17

Left Out: 1.578 $\pm$ 0.000 χ^2 /NDF:9082449354.9/10

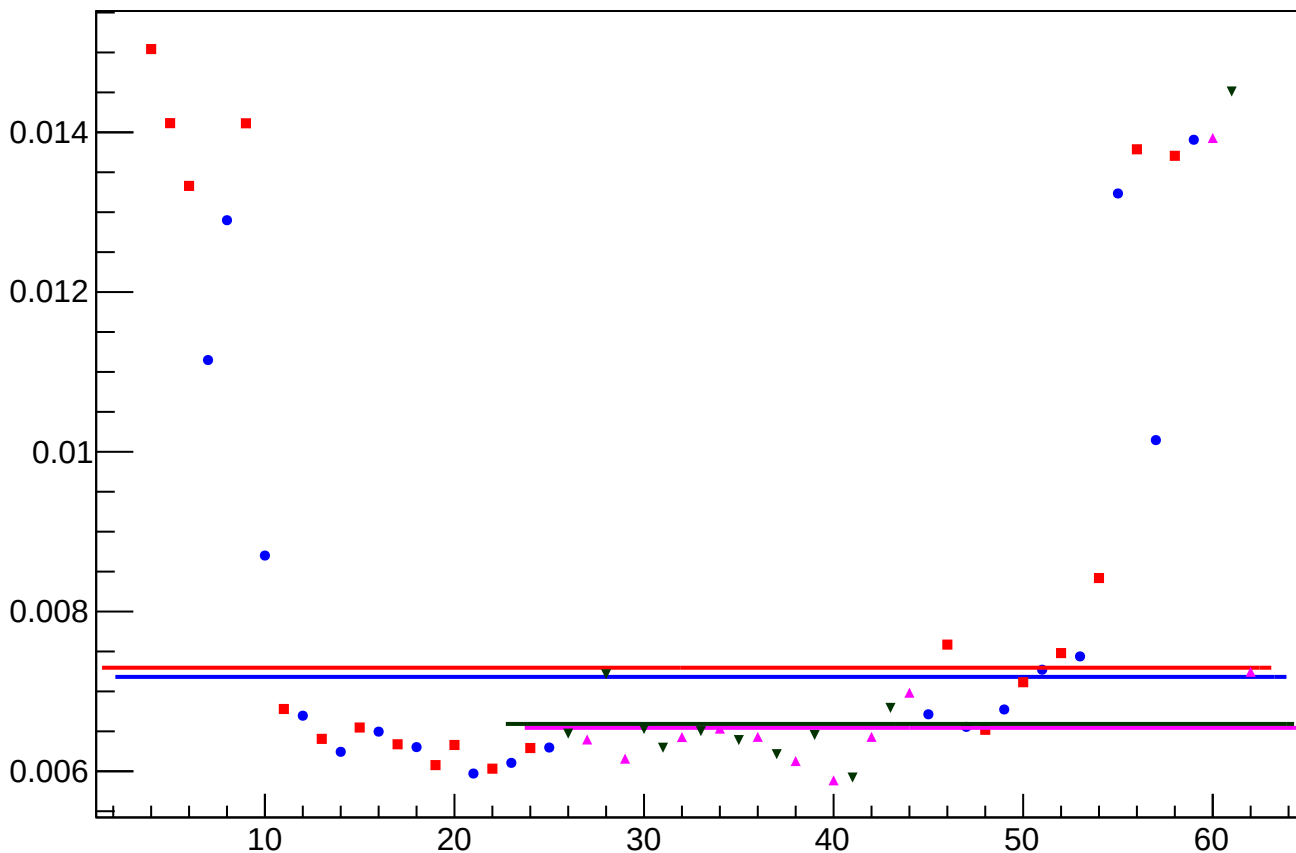
Right Out: 1.516 $\pm$ 0.000 χ^2 /NDF: 21754735470.0/18

Left In: 1.533 $\pm$ 0.000 χ^2 /NDF:11513334870.1/10

1.551 $\pm$ 0.000 χ^2 /NDF: 31621225604.9/28

1.523 $\pm$ 0.000 χ^2 /NDF: 33289308788.2/29

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 :279323.3/10

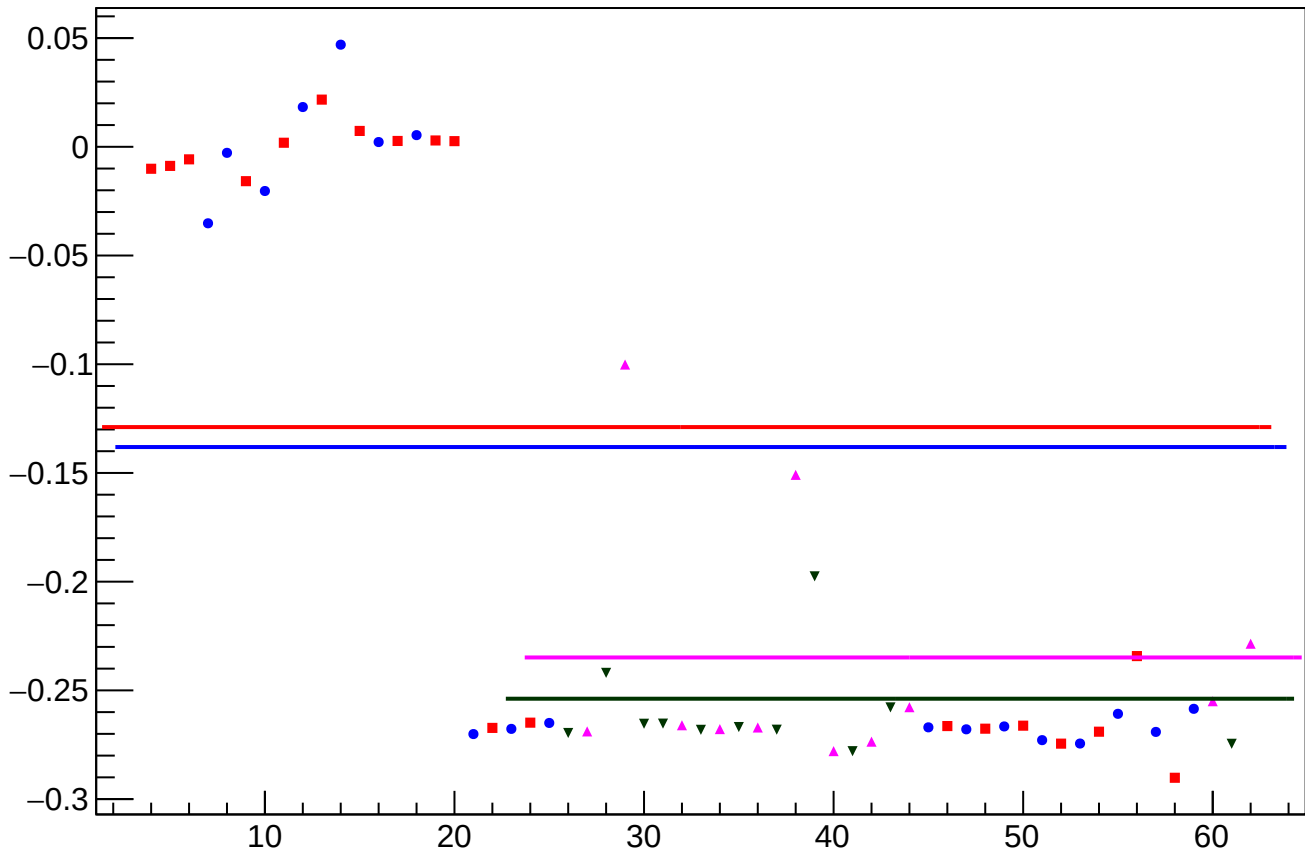
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF :317916.7/10

0.007+/-0.000 χ^2/NDF : 1635682.7/28

0.007+/-0.000 χ^2/NDF : 1859449.7/29

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.254+/-0.000 χ^2/NDF : 116304393.9/10

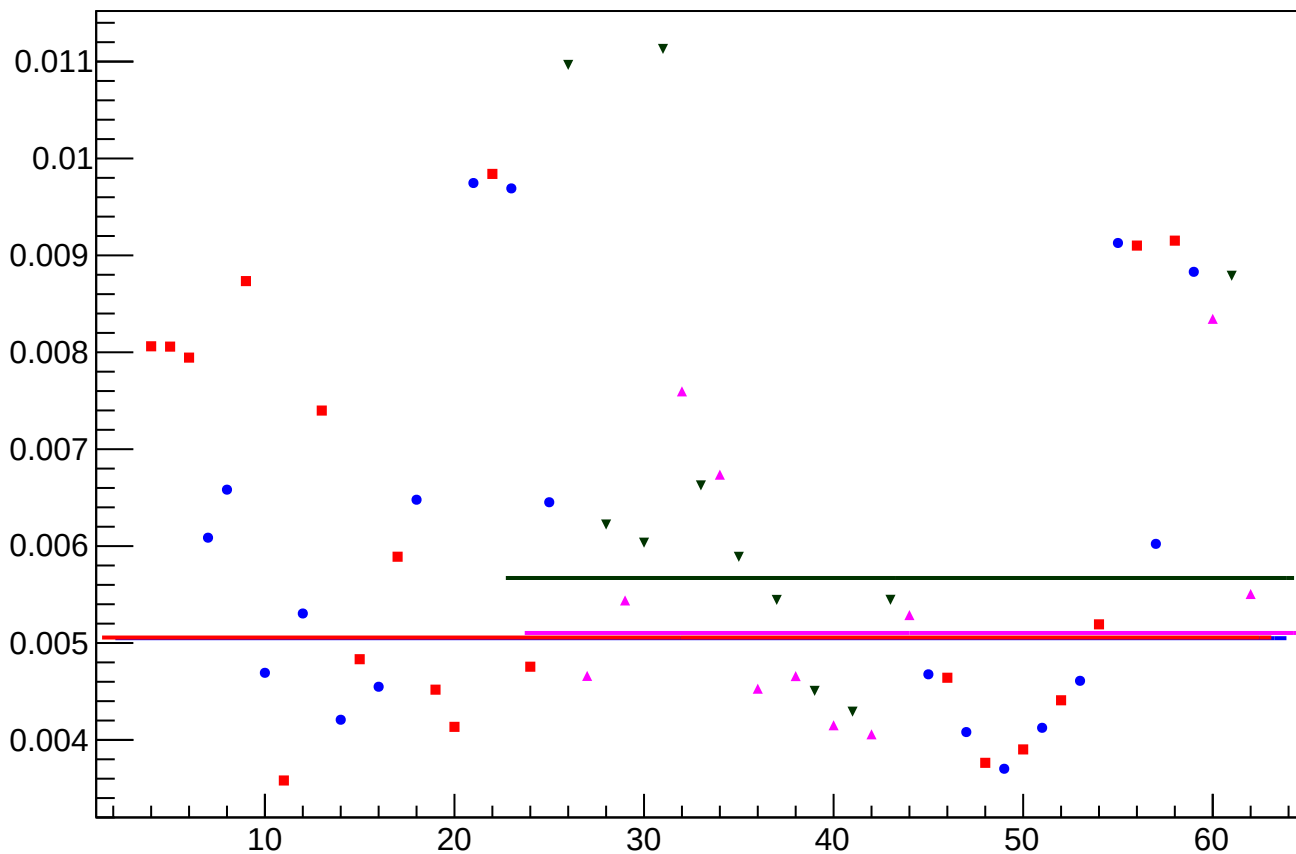
Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

Left In: -0.235+/-0.000 χ^2/NDF : 790759698.4/10

-0.172+/-0.000 χ^2/NDF : 8816666498.7/28

-0.171+/-0.000 χ^2/NDF : 8113610871.4/29

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 : 707675.5/10

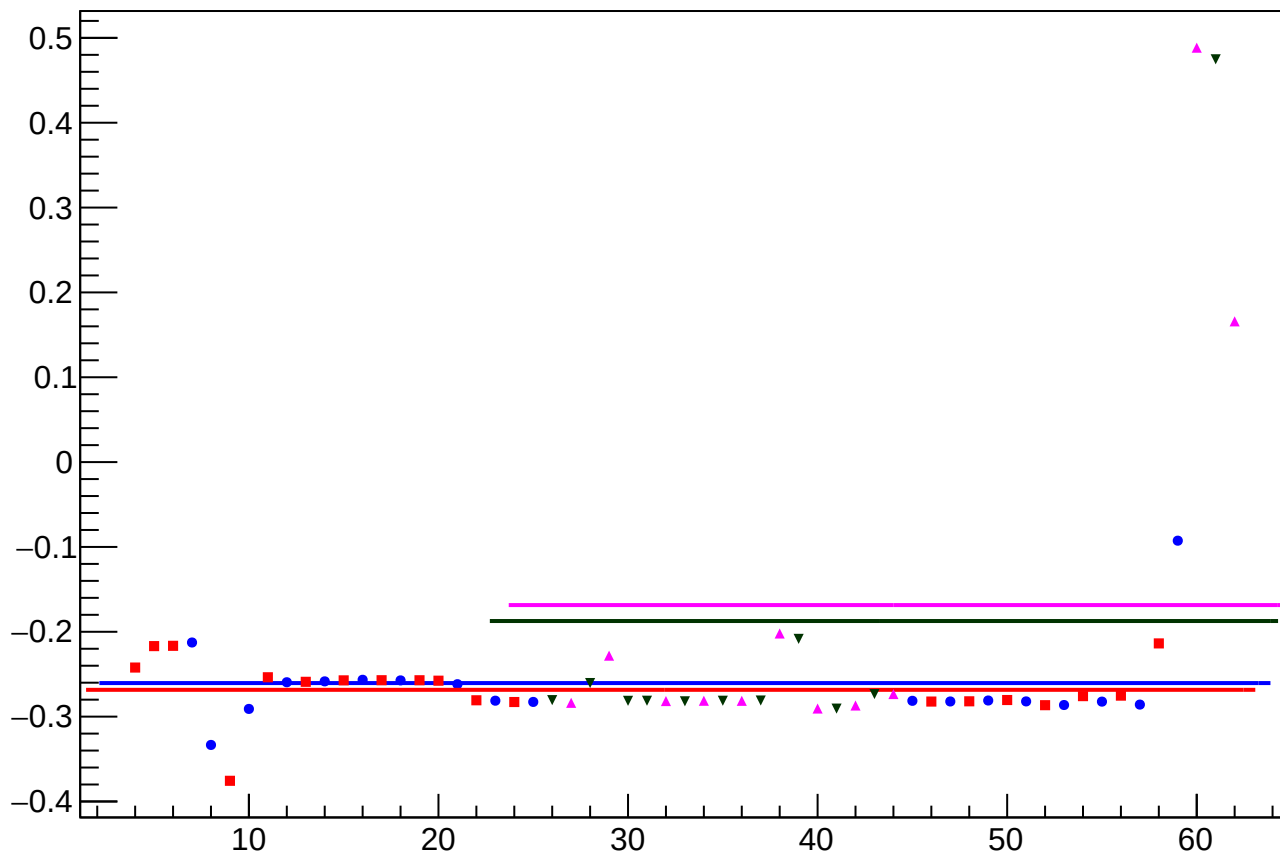
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 513390.0/10

0.005+/-0.000 χ^2/NDF : 2454119.3/28

0.005+/-0.000 χ^2/NDF : 2336431.9/29

yield_bpm16Y_mean vs slug



Right In: -0.260 ± 0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.187 ± 0.000 χ^2/NDF : 41524909285.9/10

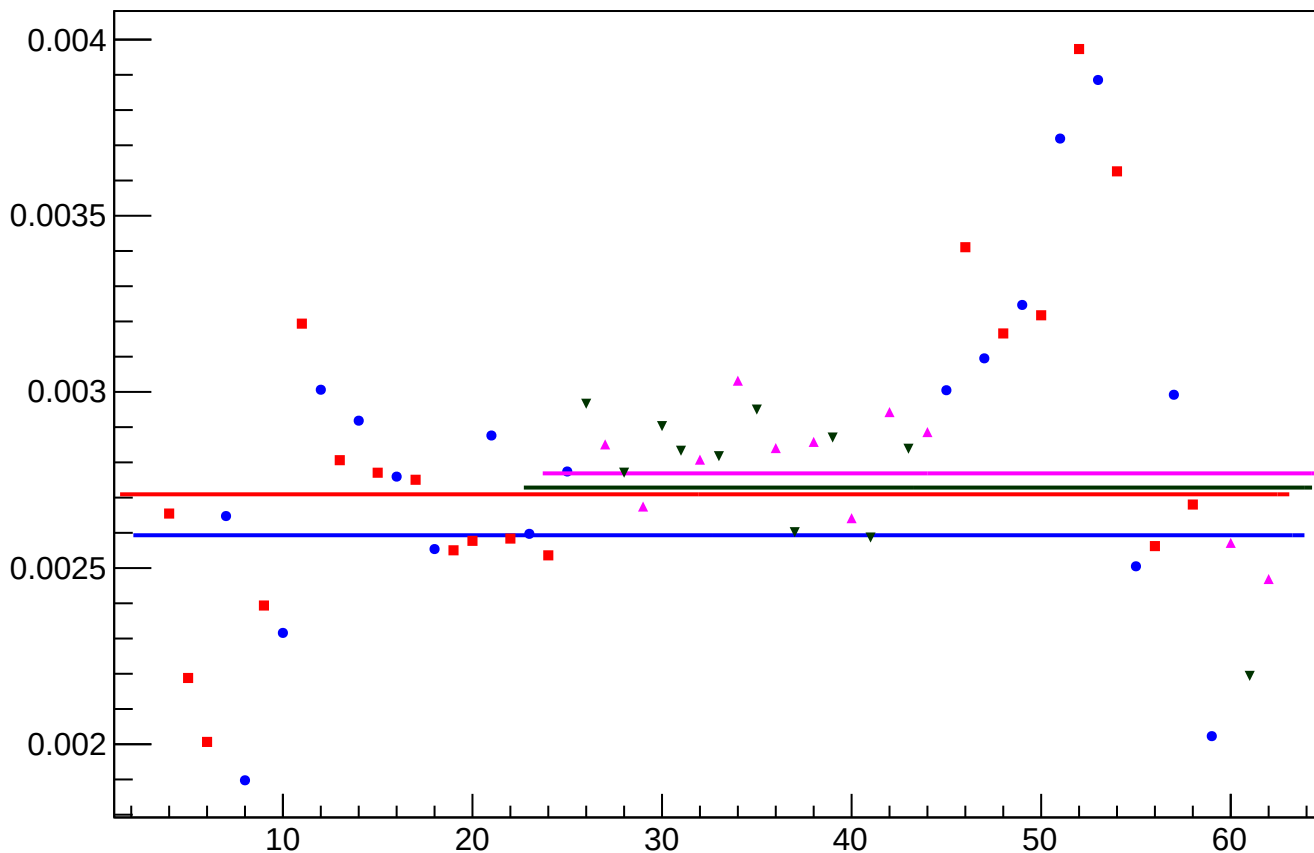
Right Out: -0.268 ± 0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.169 ± 0.000 χ^2/NDF : 43518591346.5/10

-0.237 ± 0.000 χ^2/NDF : 51086943865.9/28

-0.229 ± 0.000 χ^2/NDF : 50690224652.4/29

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 : 75666.2/10

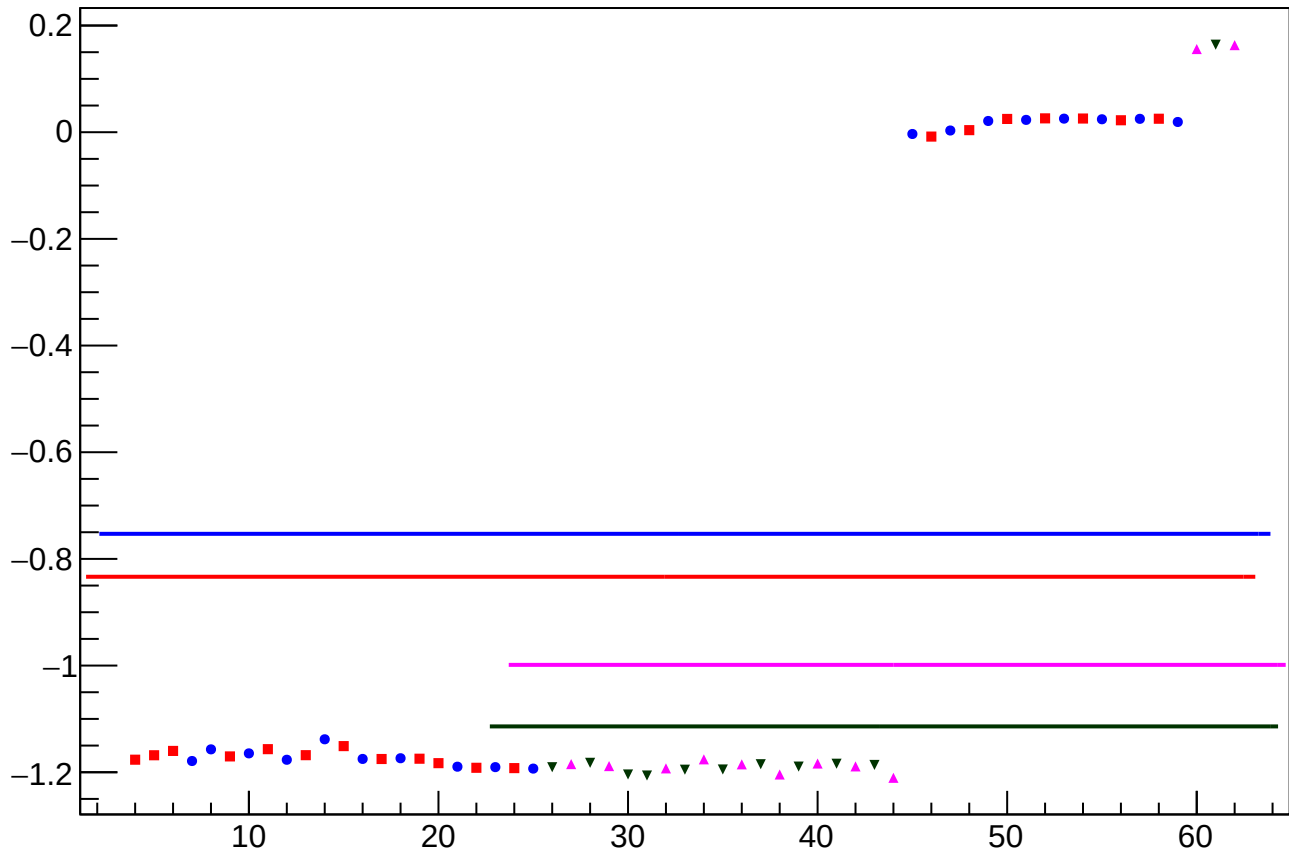
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 38274.5/10

0.003+/-0.000 χ^2/NDF : 868158.8/28

0.003+/-0.000 χ^2/NDF : 518035.5/29

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -1.114+/-0.000 χ^2/NDF : 8476478583.9/10

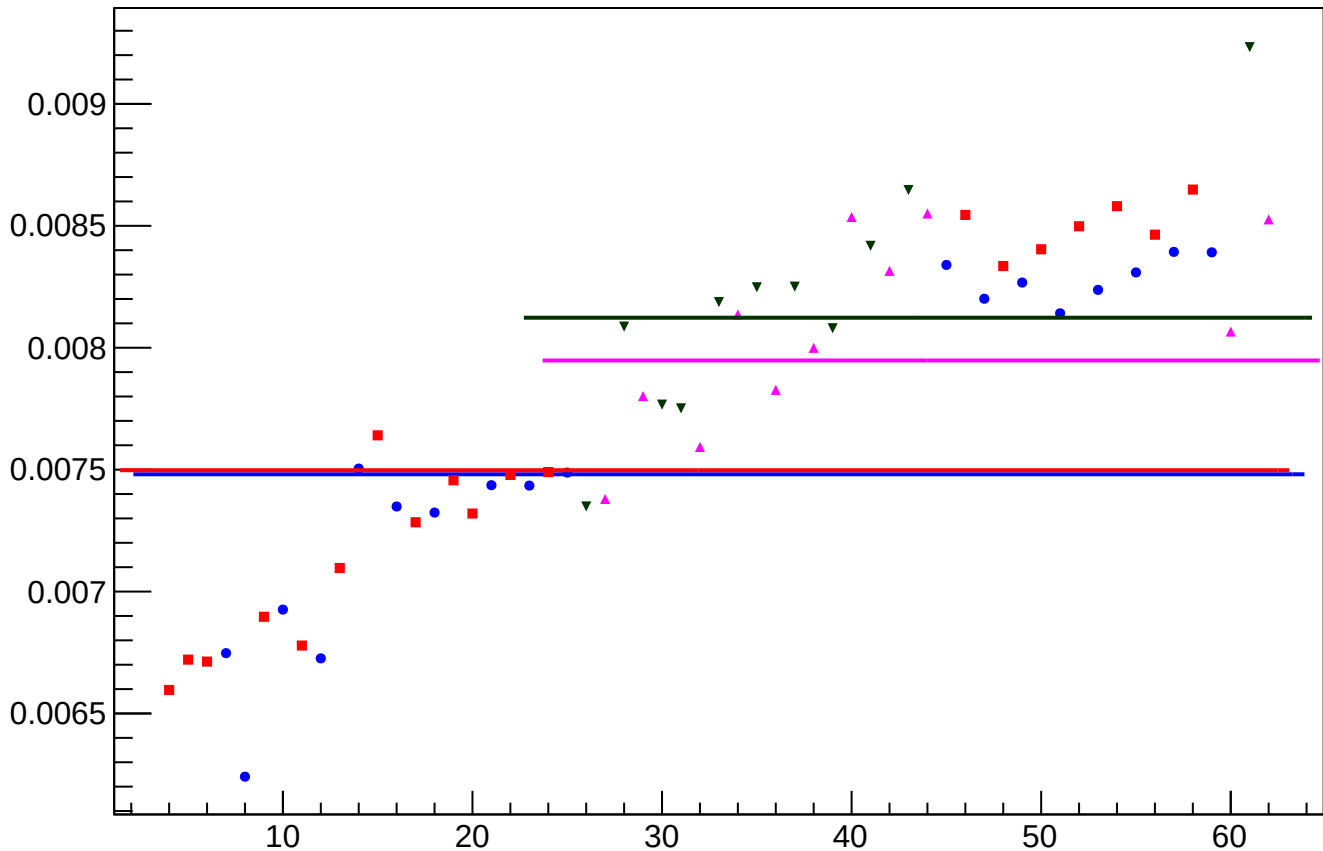
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.999+/-0.000 χ^2/NDF : 22881414392.5/10

-0.862+/-0.000 χ^2/NDF : 79807207667.2/28

-0.895+/-0.000 χ^2/NDF : 74987602810.5/29

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 : 32250.2/10

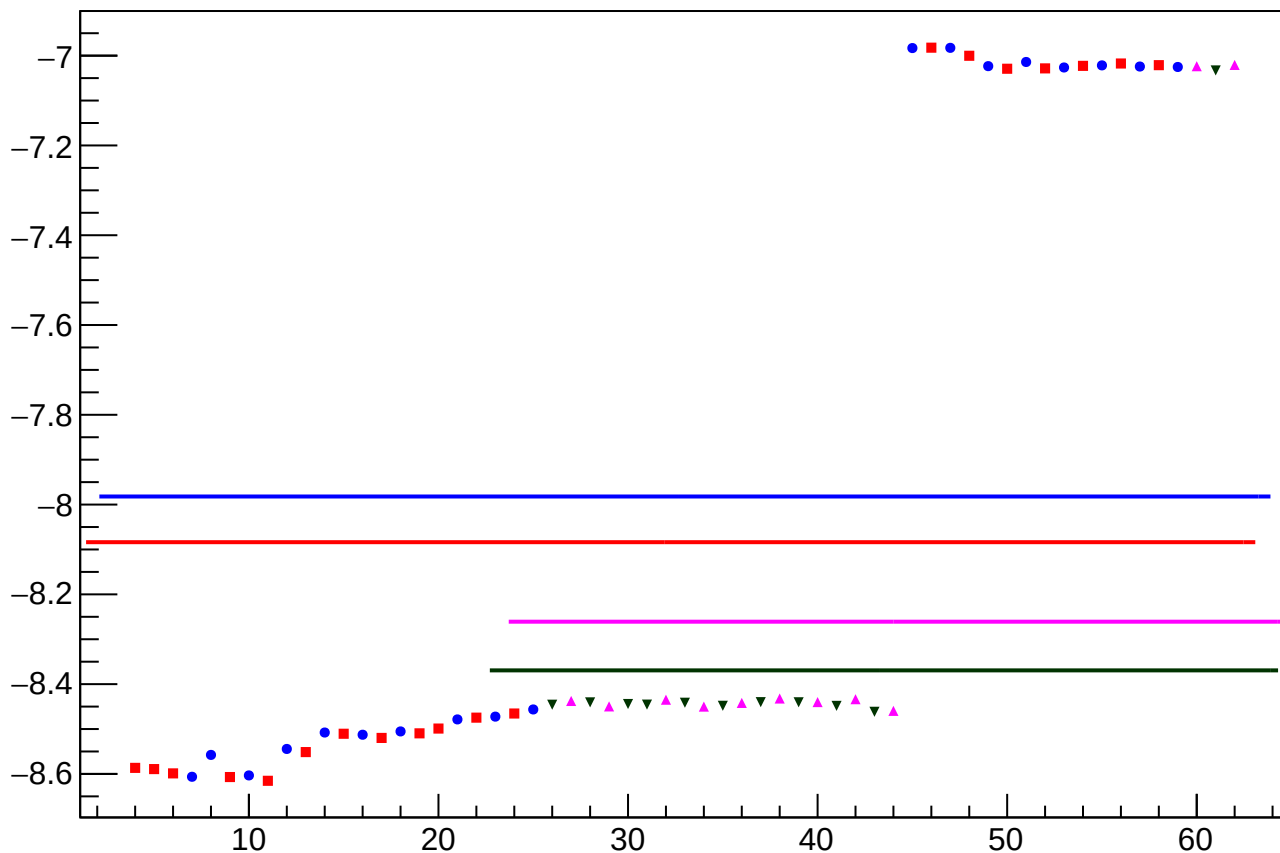
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF : 31240.6/10

0.008+/-0.000 χ^2/NDF : 277715.4/28

0.008+/-0.000 χ^2/NDF : 224977.0/29

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -8.369+/-0.000 χ^2/NDF : 11106260569.6/10

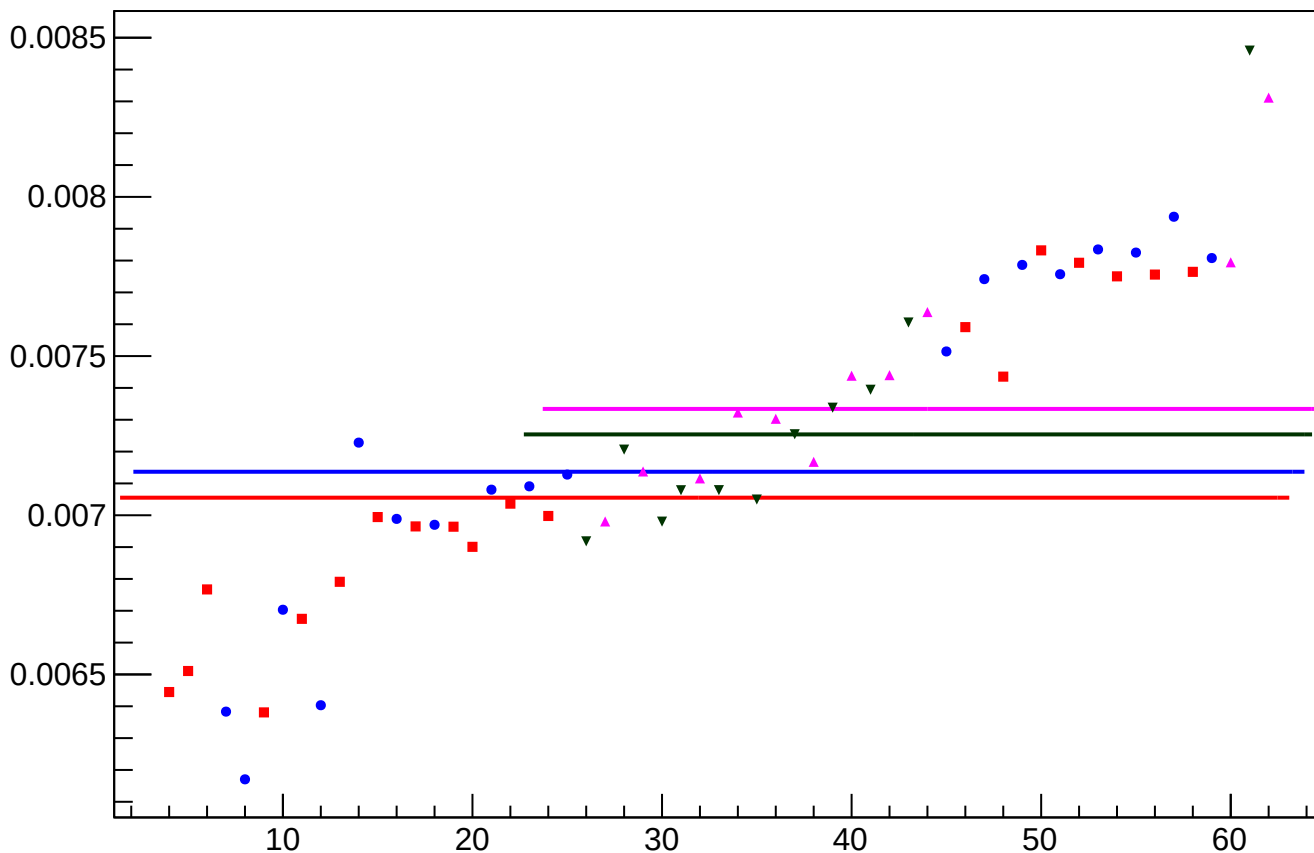
Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

Left In: -8.261+/-0.000 χ^2/NDF : 27627860997.7/10

-8.111+/-0.000 χ^2/NDF : 138594393872.8/28

-8.152+/-0.000 χ^2/NDF : 129525662238.9/29

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 : 25700.4/10

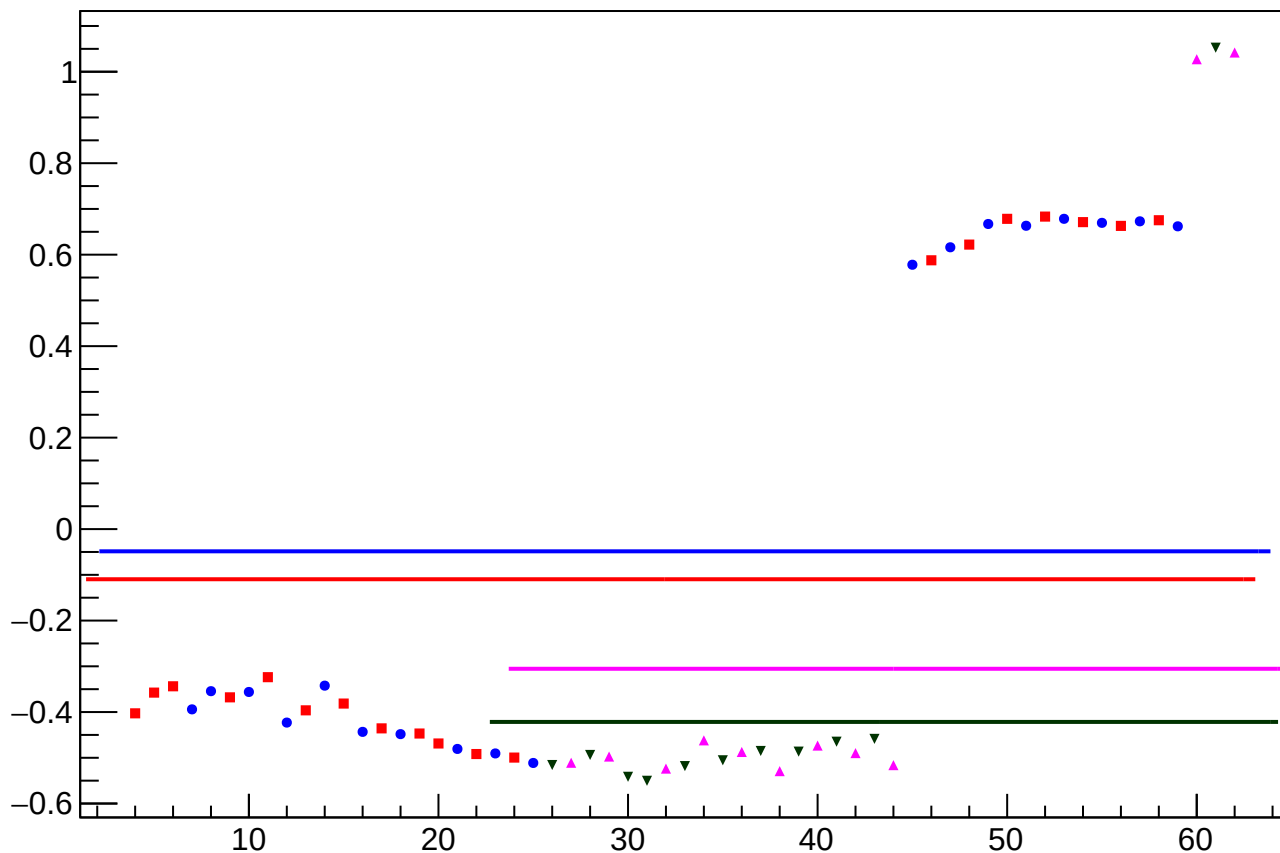
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.007+/-0.000 χ^2/NDF : 26892.5/10

0.007+/-0.000 χ^2/NDF : 169105.7/28

0.007+/-0.000 χ^2/NDF : 127608.1/29

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: -0.422+/-0.000 χ^2/NDF :1609169453.2/10

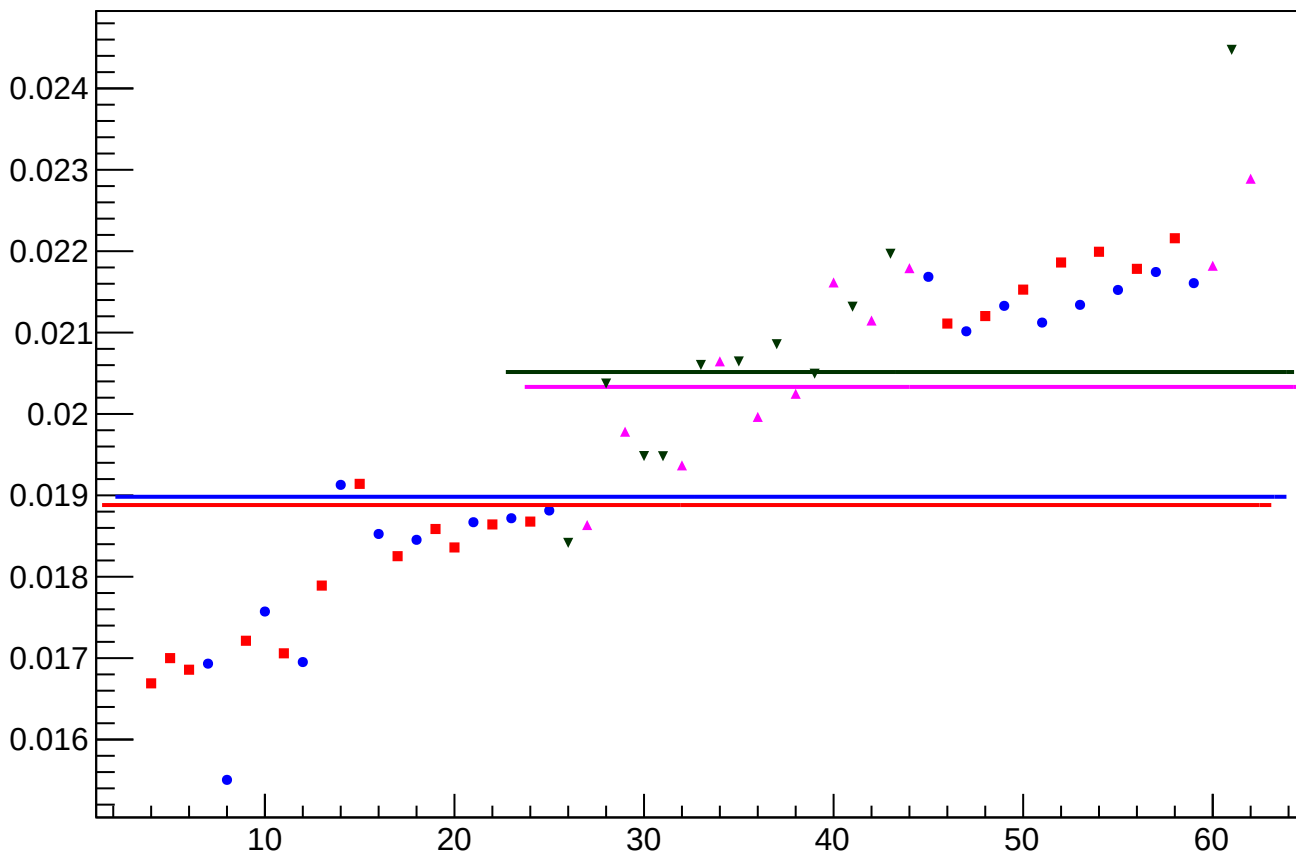
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: -0.305+/-0.000 χ^2/NDF :4171855592.8/10

-0.162+/-0.000 χ^2/NDF : 10718611409.2/28

-0.181+/-0.000 χ^2/NDF : 10816106623.7/29

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 : 45773.3/10

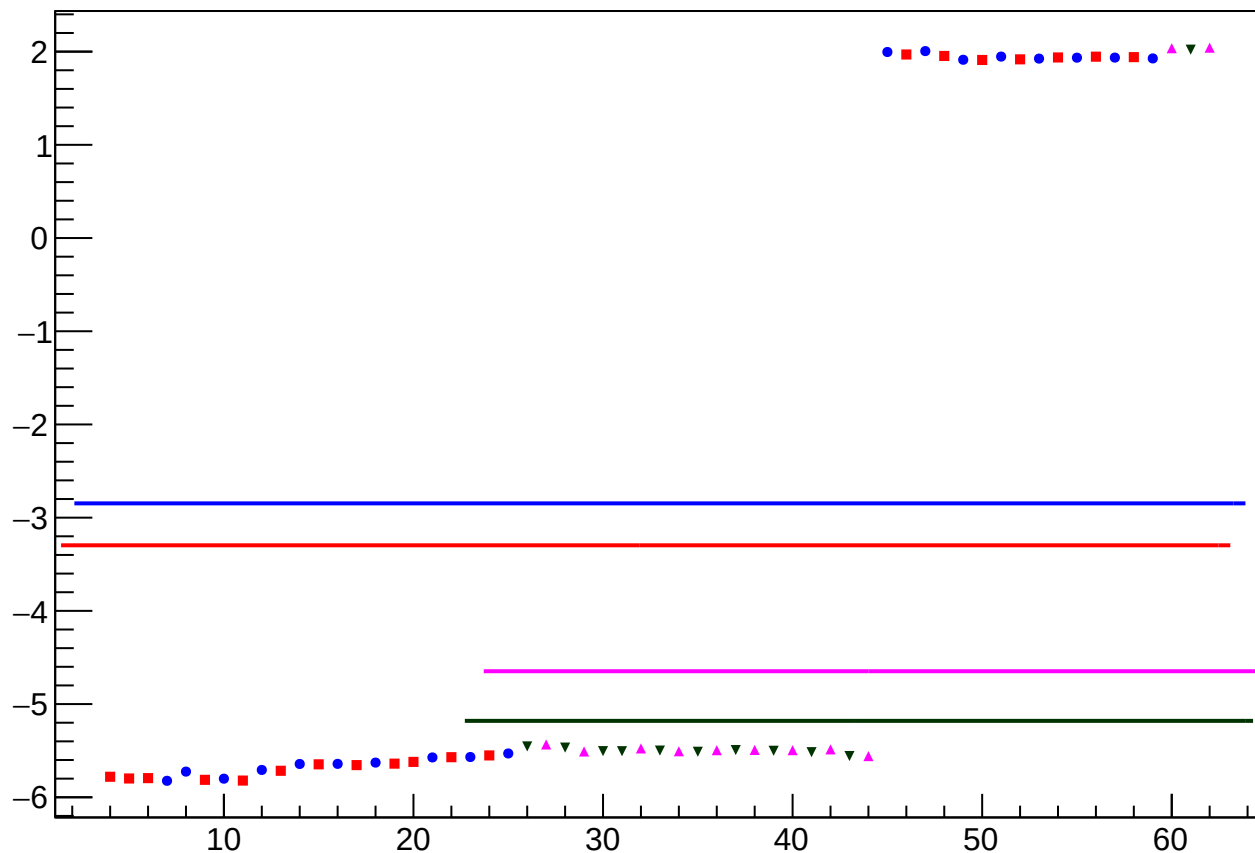
Right Out: 0.019 ± 0.000 χ^2/NDF : 190553.3/18

Left In: 0.020 ± 0.000 χ^2/NDF : 46371.9/10

0.019 ± 0.000 χ^2/NDF : 344711.4/28

0.019 ± 0.000 χ^2/NDF : 279276.6/29

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -5.180+/-0.000 χ^2/NDF : 89124623815.9/10

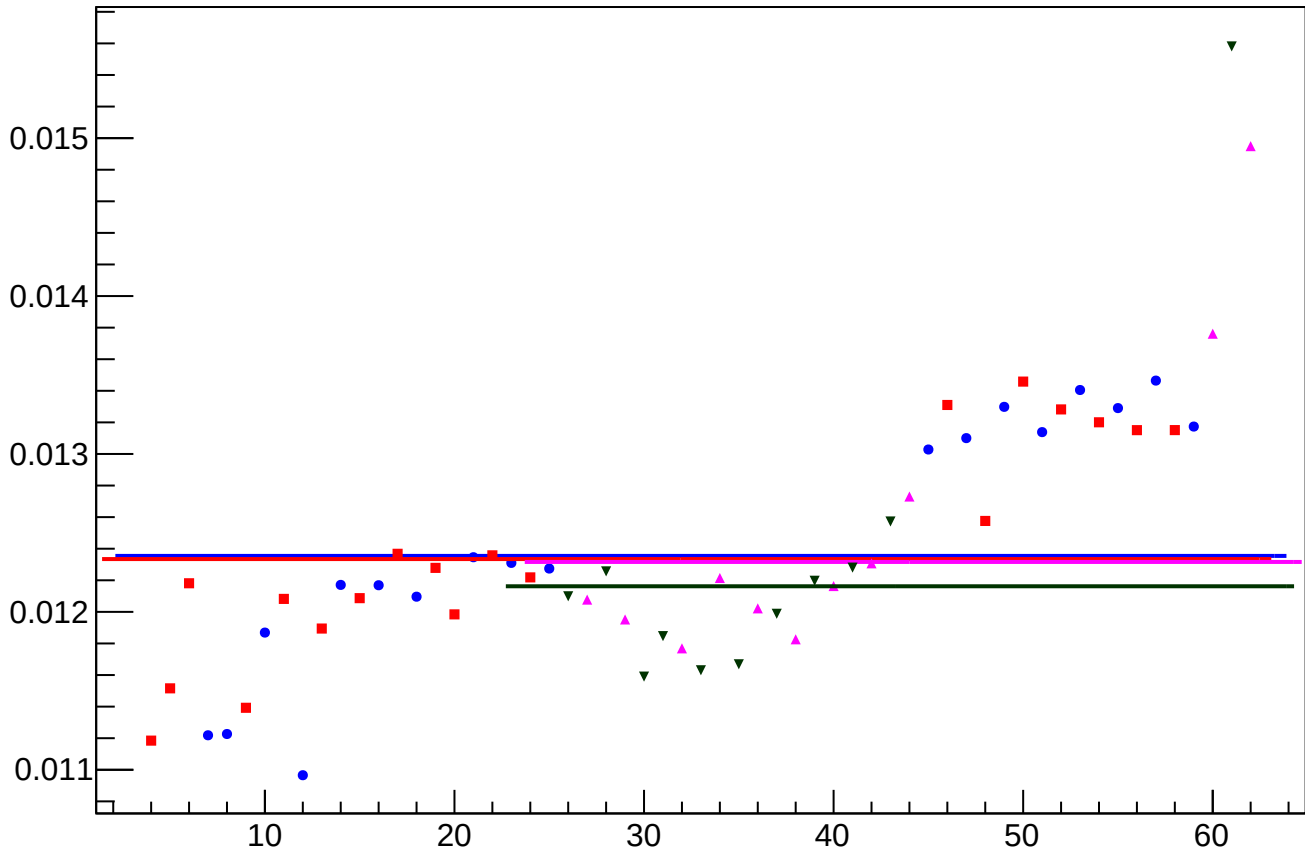
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -4.648+/-0.000 χ^2/NDF : 245057003733.5/10

-3.656+/-0.000 χ^2/NDF : 1215034904763.8/28

-3.839+/-0.000 χ^2/NDF : 1111652657044.6/29

yield_bpm2i02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 89844.3/17

Left Out: 0.012 $\pm$ 0.000 χ^2/NDF : 47079.1/10

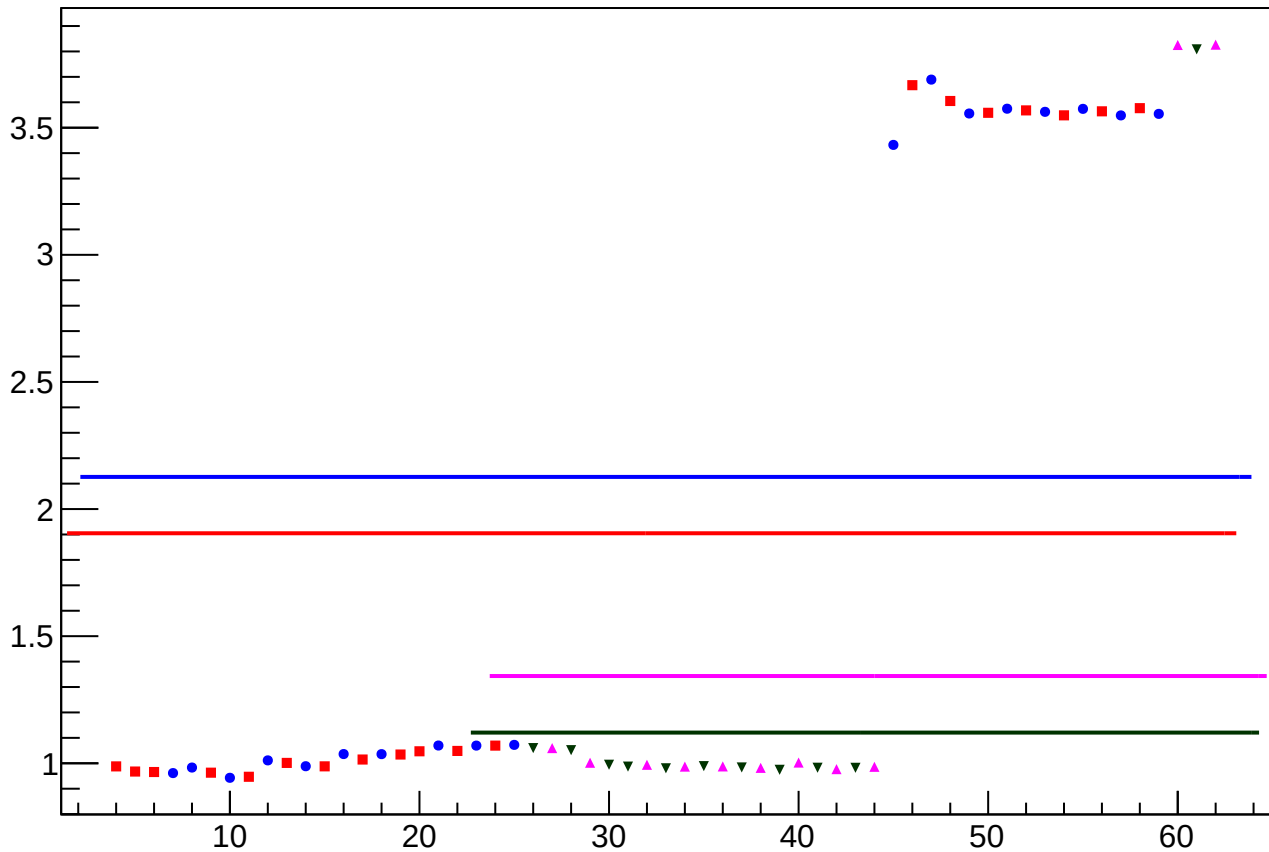
Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 54886.5/18

Left In: 0.012 $\pm$ 0.000 χ^2/NDF : 50025.8/10

0.012 $\pm$ 0.000 χ^2/NDF : 138795.8/28

0.012 $\pm$ 0.000 χ^2/NDF : 104929.6/29

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 1.121+/-0.000 χ^2/NDF : 31974279379.2/10

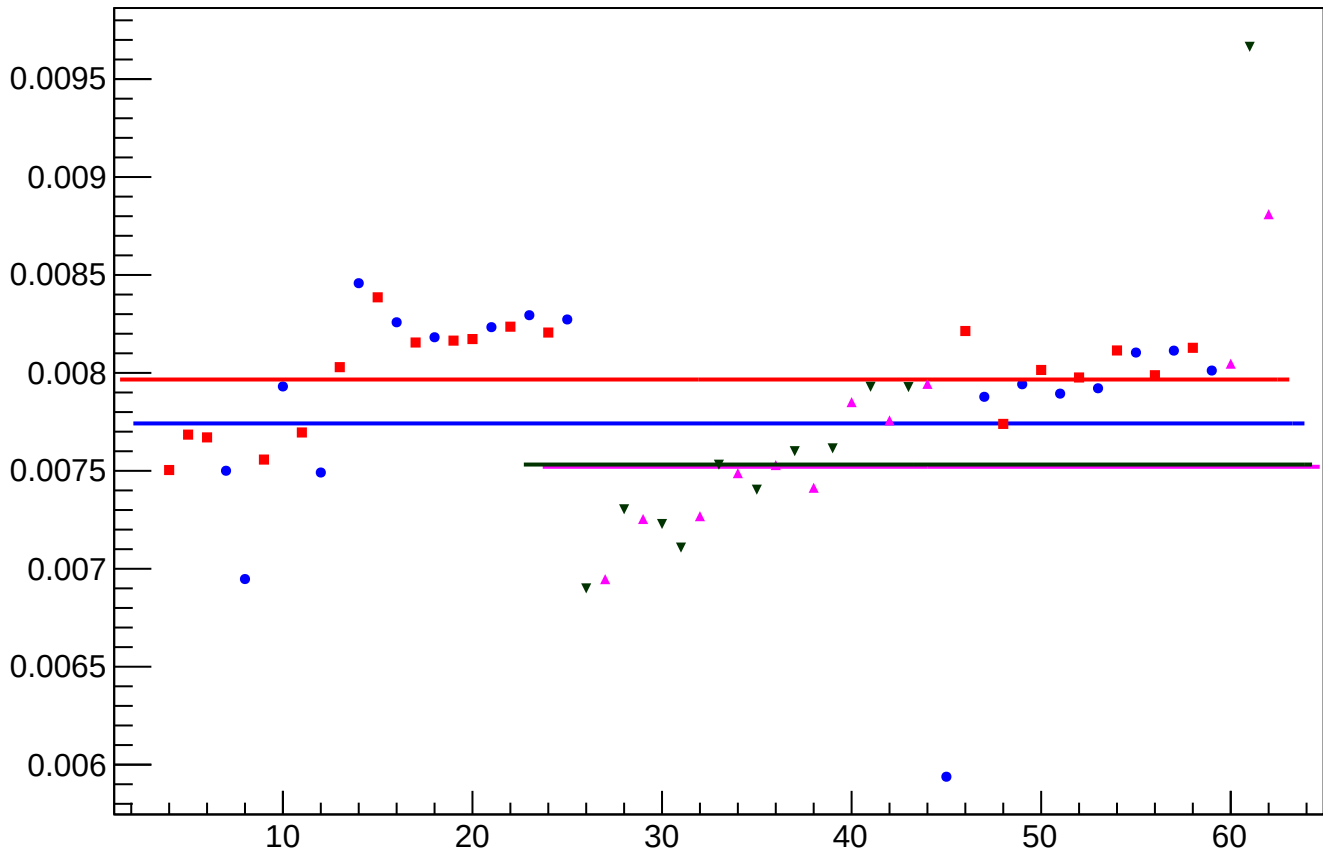
1.773+/-0.000 χ^2/NDF : 390053041920.9/28

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

1.666+/-0.000 χ^2/NDF : 354133388083.2/29

Left In: 1.343+/-0.000 χ^2/NDF : 97274169163.3/10

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 178907.2/17

Left Out: 0.008+/-0.000 χ^2/NDF : 58252.5/10

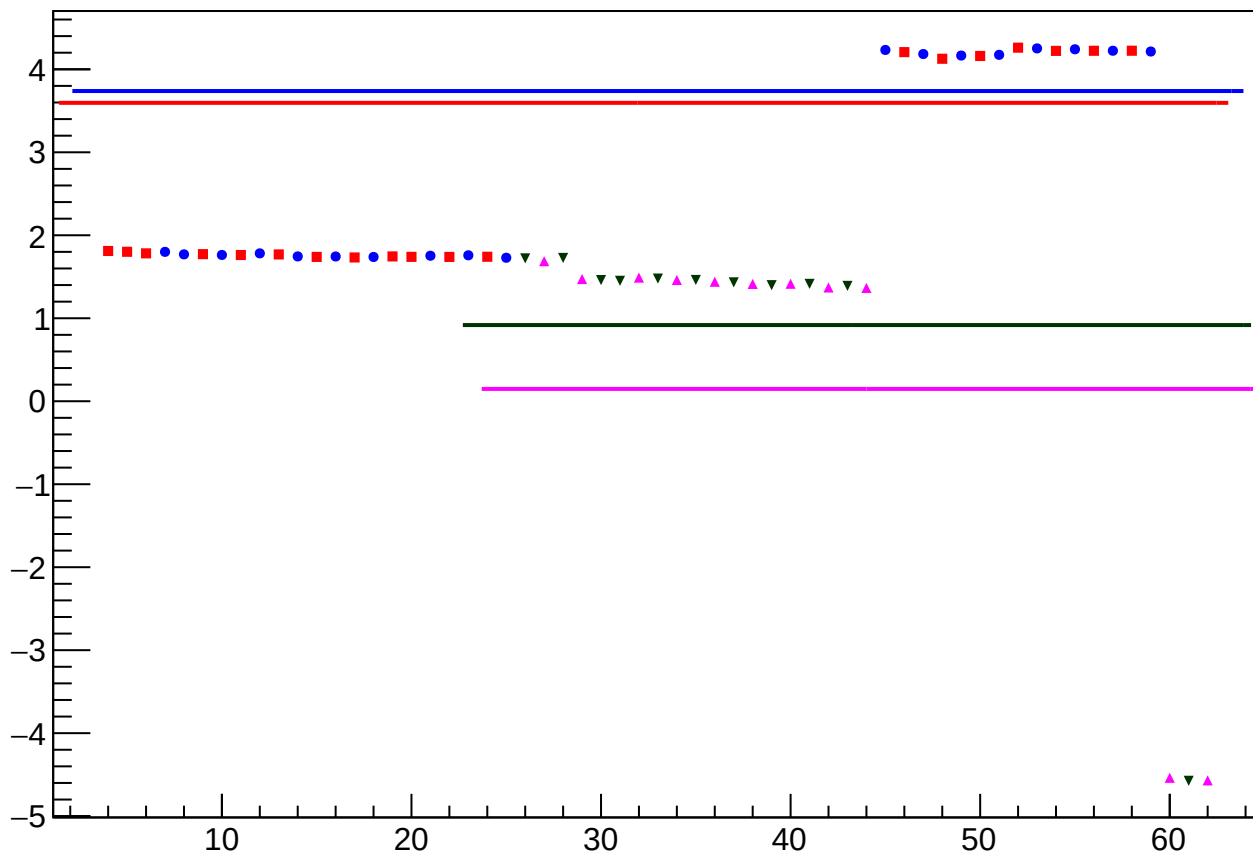
0.008+/-0.000 χ^2/NDF : 242858.5/28

Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

0.008+/-0.000 χ^2/NDF : 91499.0/29

Left In: 0.008+/-0.000 χ^2/NDF : 45189.2/10

yield_bpm1i04Y_mean vs slug



Right In: 3.738 $\pm$ 0.000 χ^2 /NDF: 502669373965.6/17

Left Out: 0.918 $\pm$ 0.000 χ^2 /NDF: 511437599650.2/10

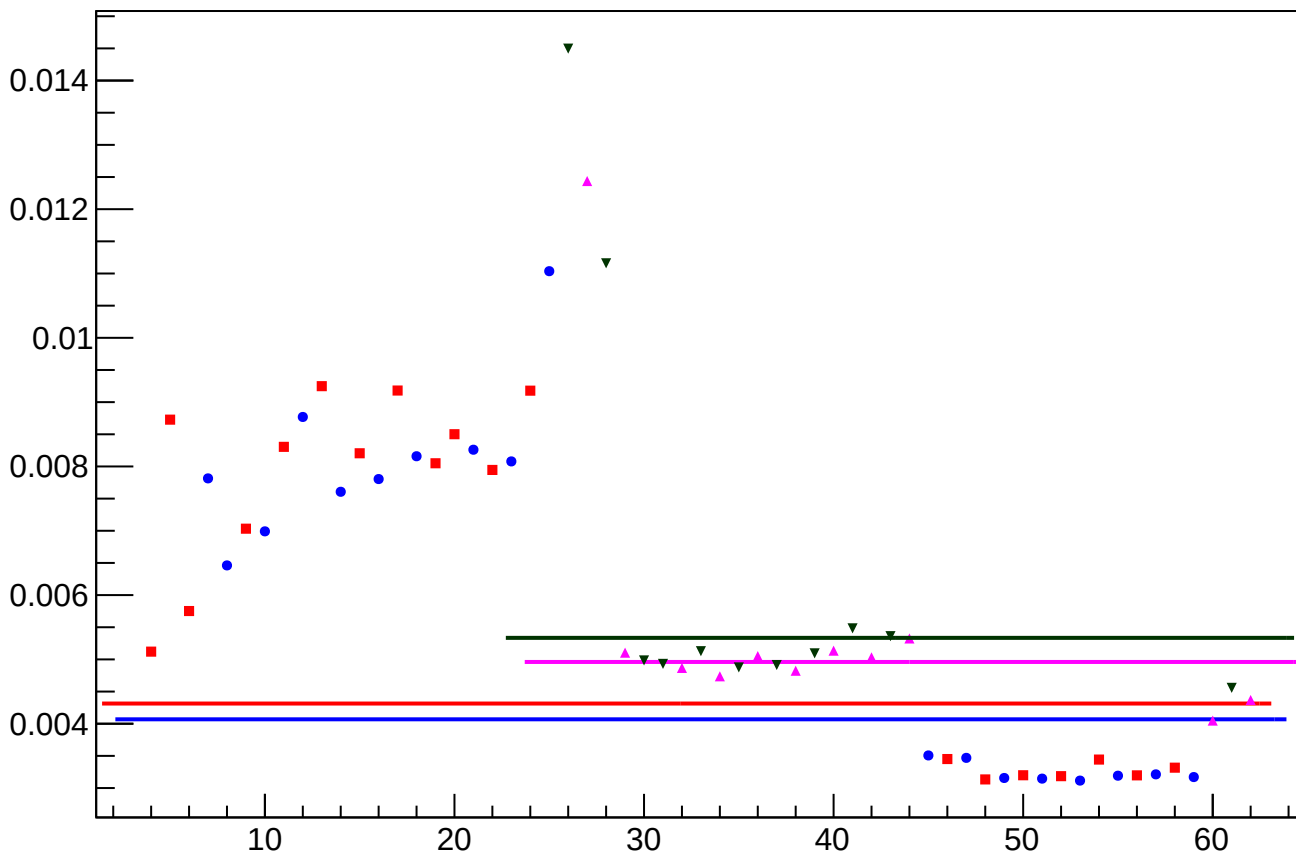
Right Out: 3.596 $\pm$ 0.000 χ^2 /NDF: 468031292414.6/18

Left In: 0.148 $\pm$ 0.000 χ^2 /NDF: 1460296123121.3/10

3.048 $\pm$ 0.000 χ^2 /NDF: 2064737473896.9/28

2.344 $\pm$ 0.000 χ^2 /NDF: 3743515749735.8/29

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 : 773505.1/10

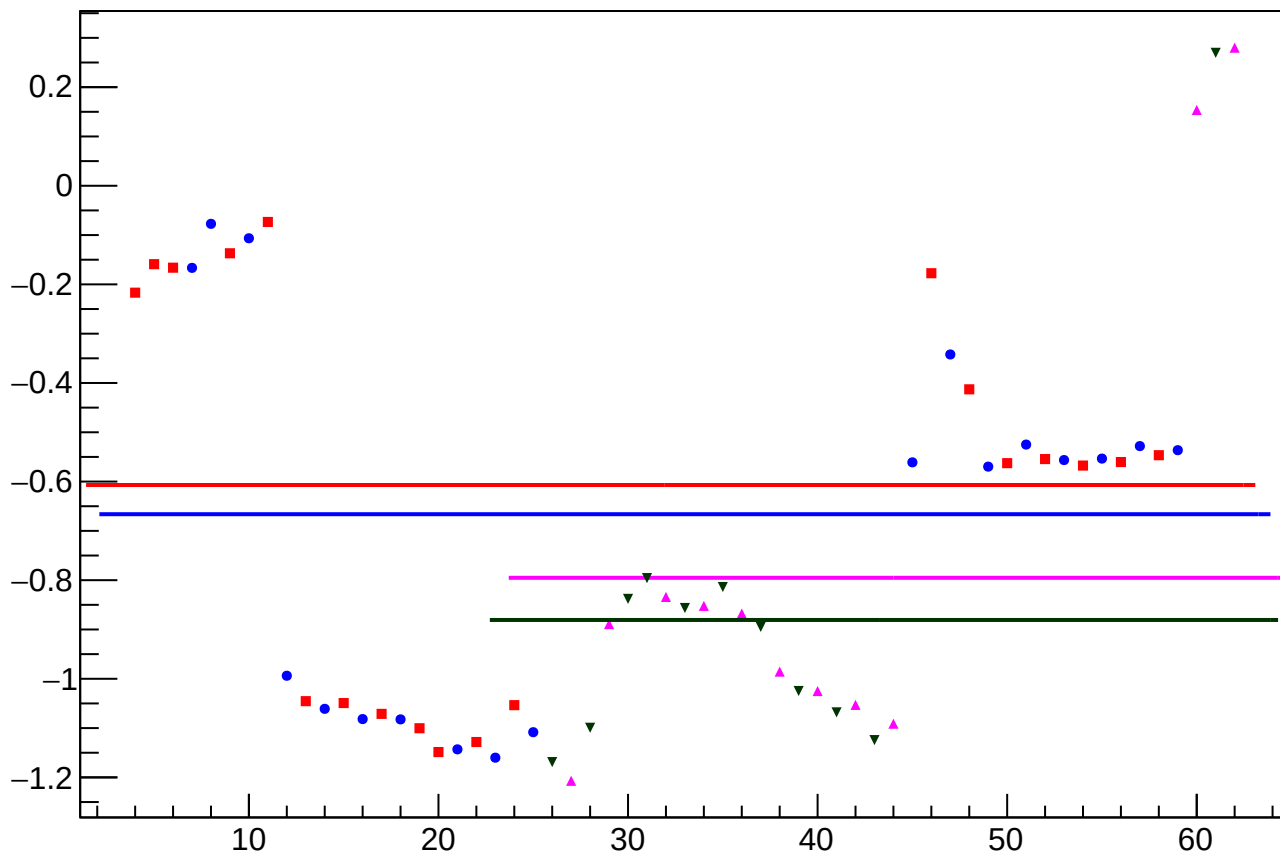
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF : 598065.4/10

0.004+/-0.000 χ^2/NDF : 4598952.5/28

0.005+/-0.000 χ^2/NDF : 3966946.9/29

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.881+/-0.000 χ^2/NDF : 8057512474.8/10

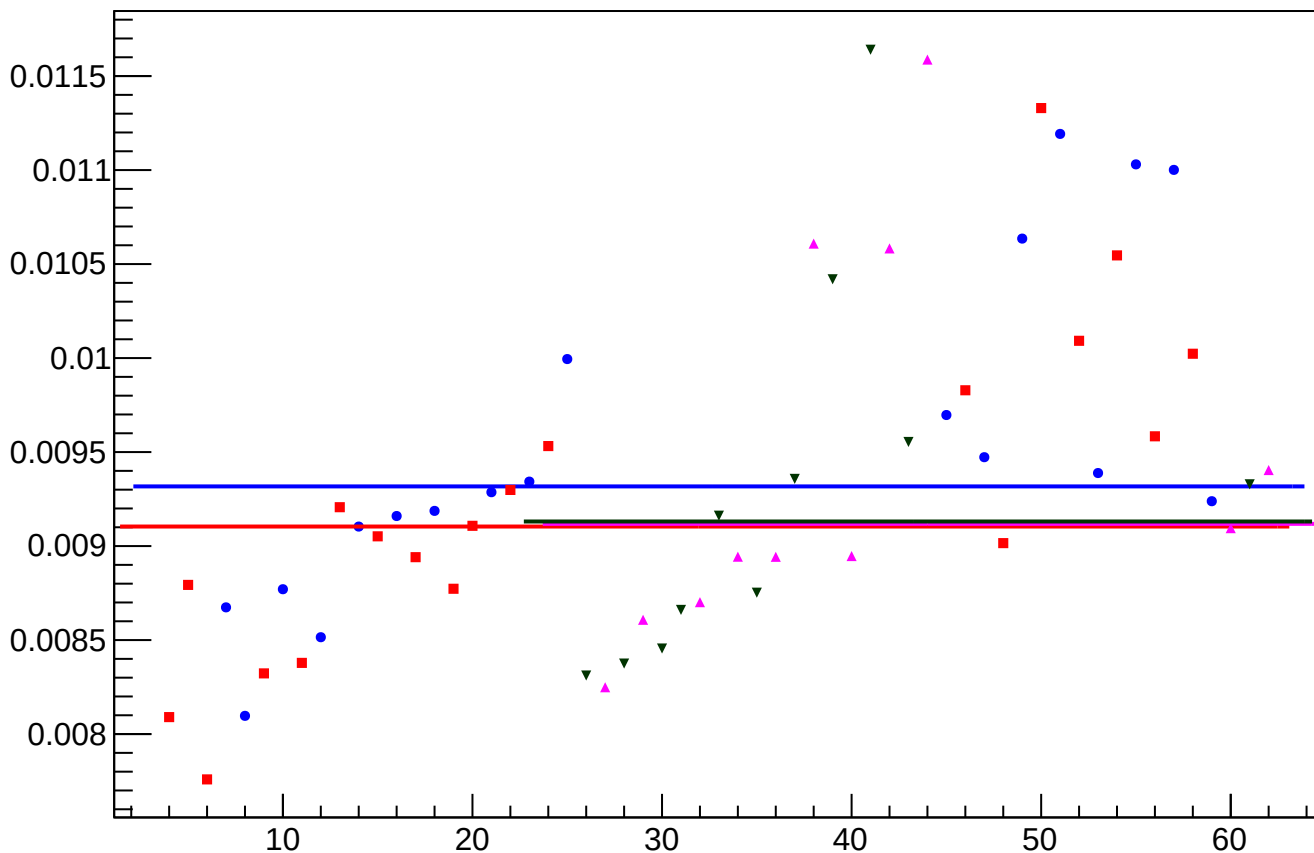
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.795+/-0.000 χ^2/NDF : 15311232576.5/10

-0.741+/-0.000 χ^2/NDF : 29198923180.1/28

-0.682+/-0.000 χ^2/NDF : 36183870893.1/29

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 :104609.9/10

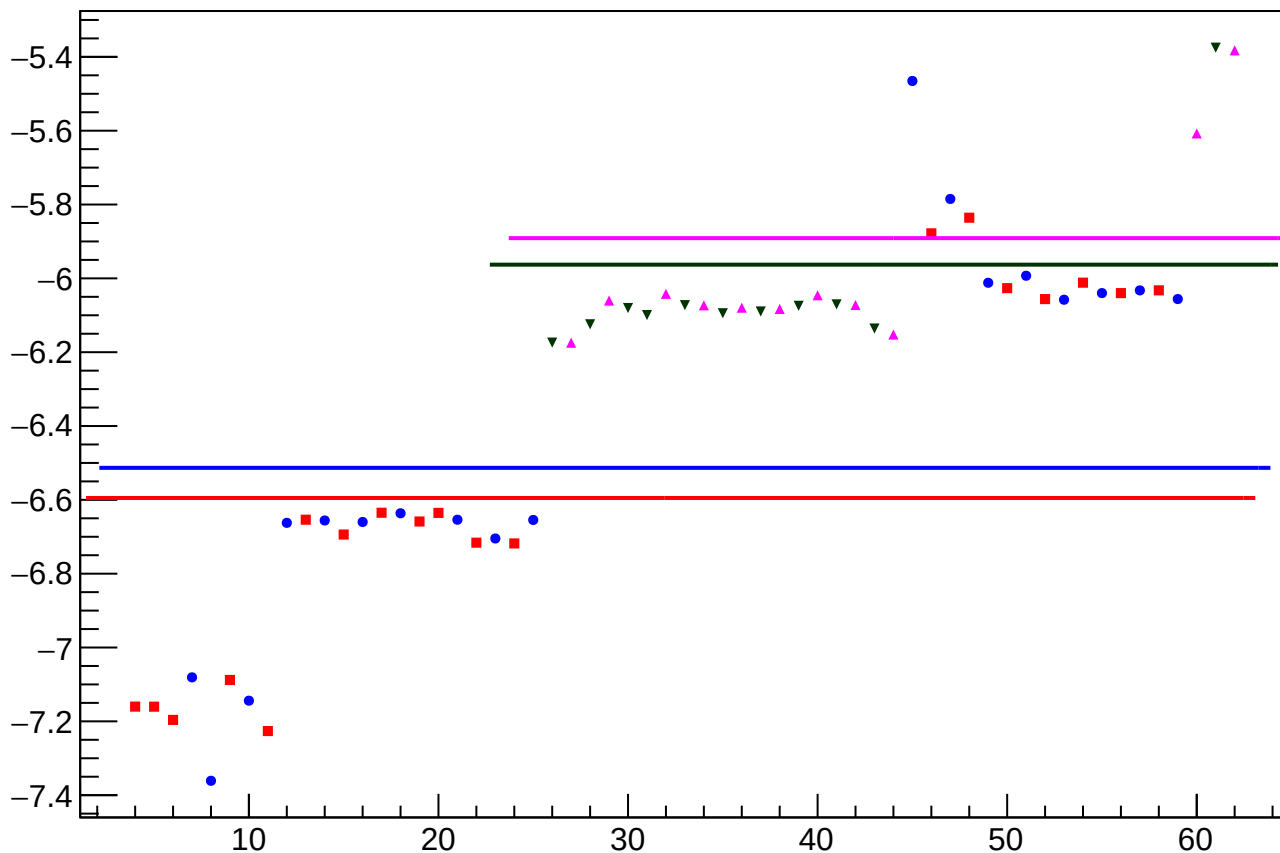
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :116494.2/10

0.009+/-0.000 χ^2/NDF : 273419.4/28

0.009+/-0.000 χ^2/NDF : 275606.1/29

yield_bpm0l01Y_mean vs slug



Right In: -6.513+/-0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.963+/-0.000 χ^2/NDF : 5518330447.6/10

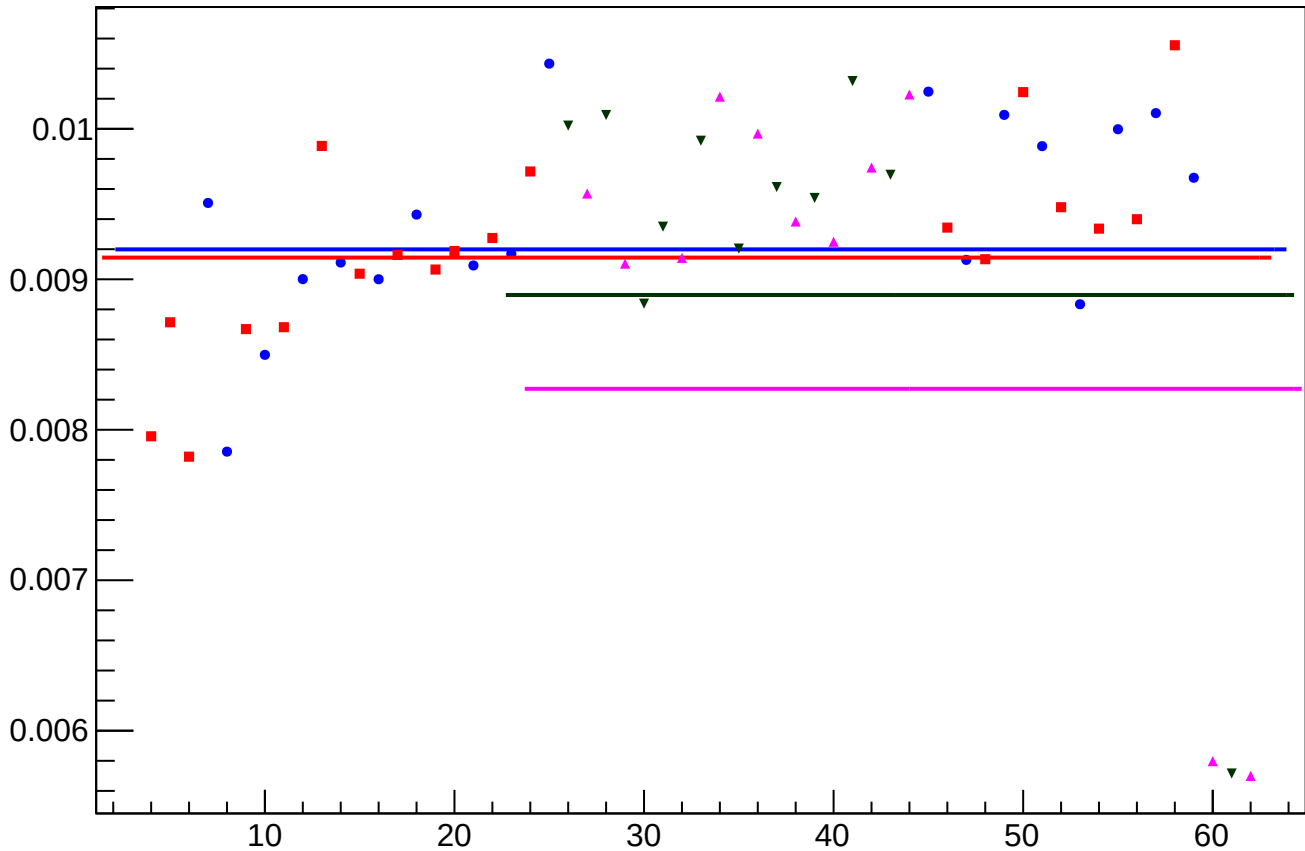
Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.891+/-0.000 χ^2/NDF : 7393522028.7/10

-6.322+/-0.000 χ^2/NDF : 53068626765.5/28

-6.284+/-0.000 χ^2/NDF : 58105942487.0/29

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.009+/-0.000 χ^2/NDF : 341328.7/10

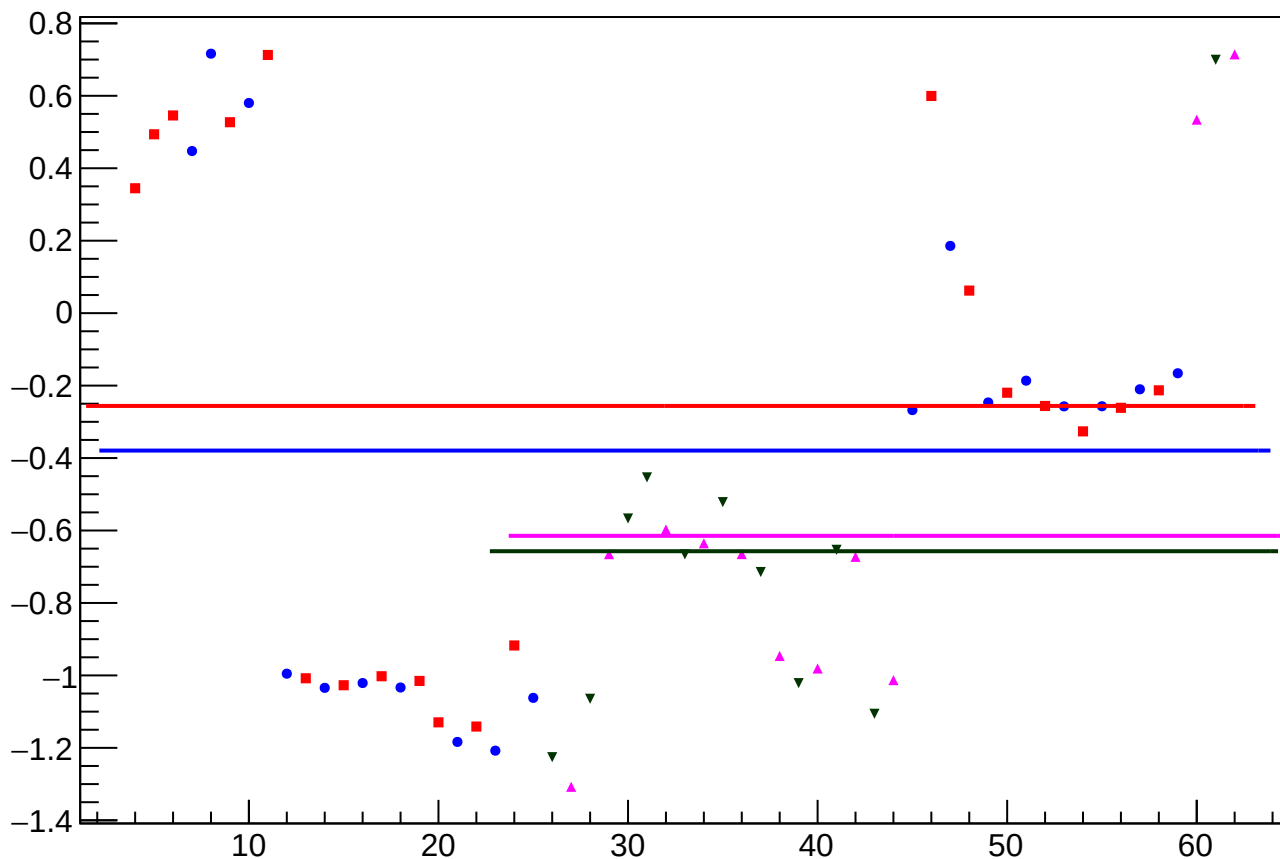
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.008+/-0.000 χ^2/NDF : 588278.2/10

0.009+/-0.000 χ^2/NDF : 470014.2/28

0.009+/-0.000 χ^2/NDF : 766050.9/29

yield_bpm0l02X_mean vs slug



Right In: -0.379 ± 0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.657 ± 0.000 χ^2/NDF : 4085890106.2/10

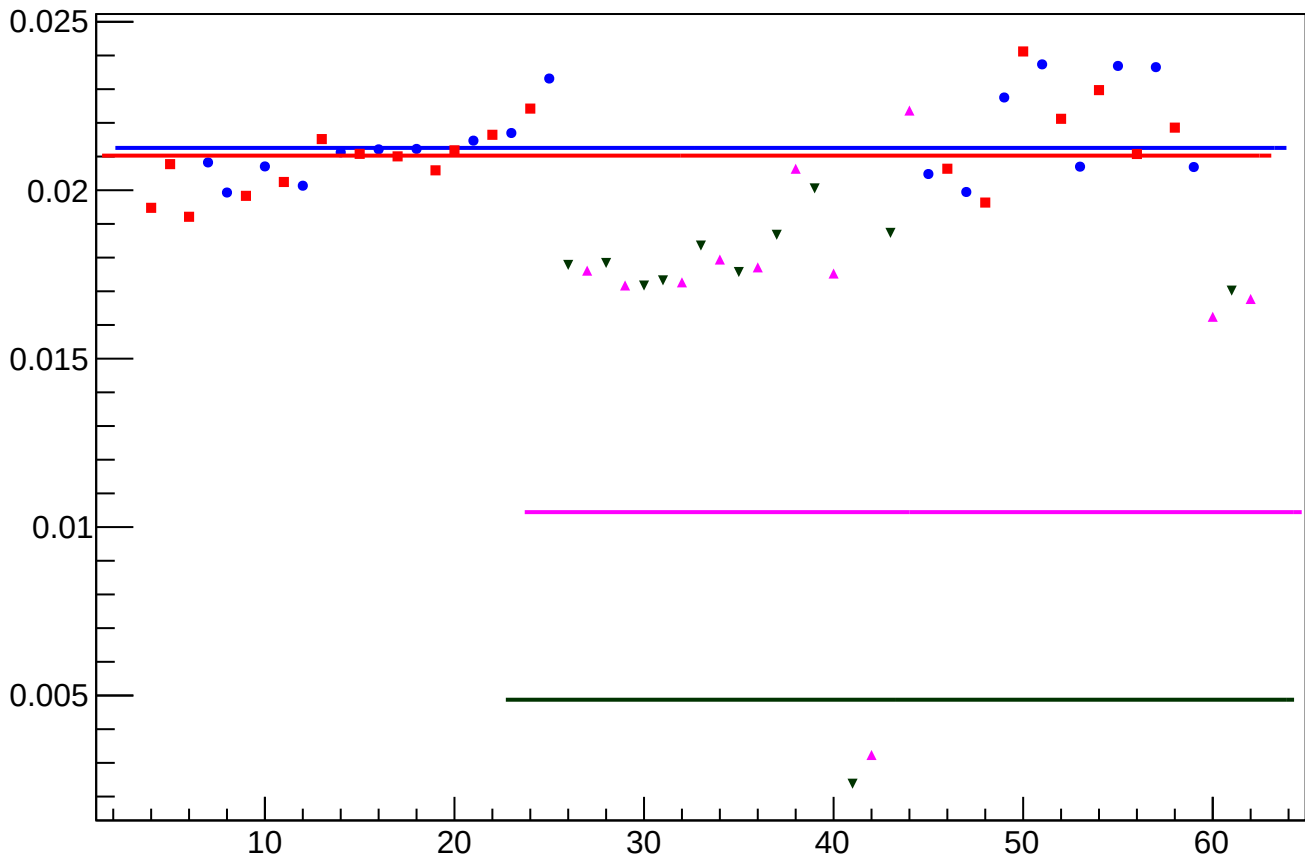
Right Out: -0.256 ± 0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.615 ± 0.000 χ^2/NDF : 7500305047.2/10

-0.602 ± 0.000 χ^2/NDF : 15730489649.4/28

-0.484 ± 0.000 χ^2/NDF : 19403920560.0/29

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 : 6435382.4/10

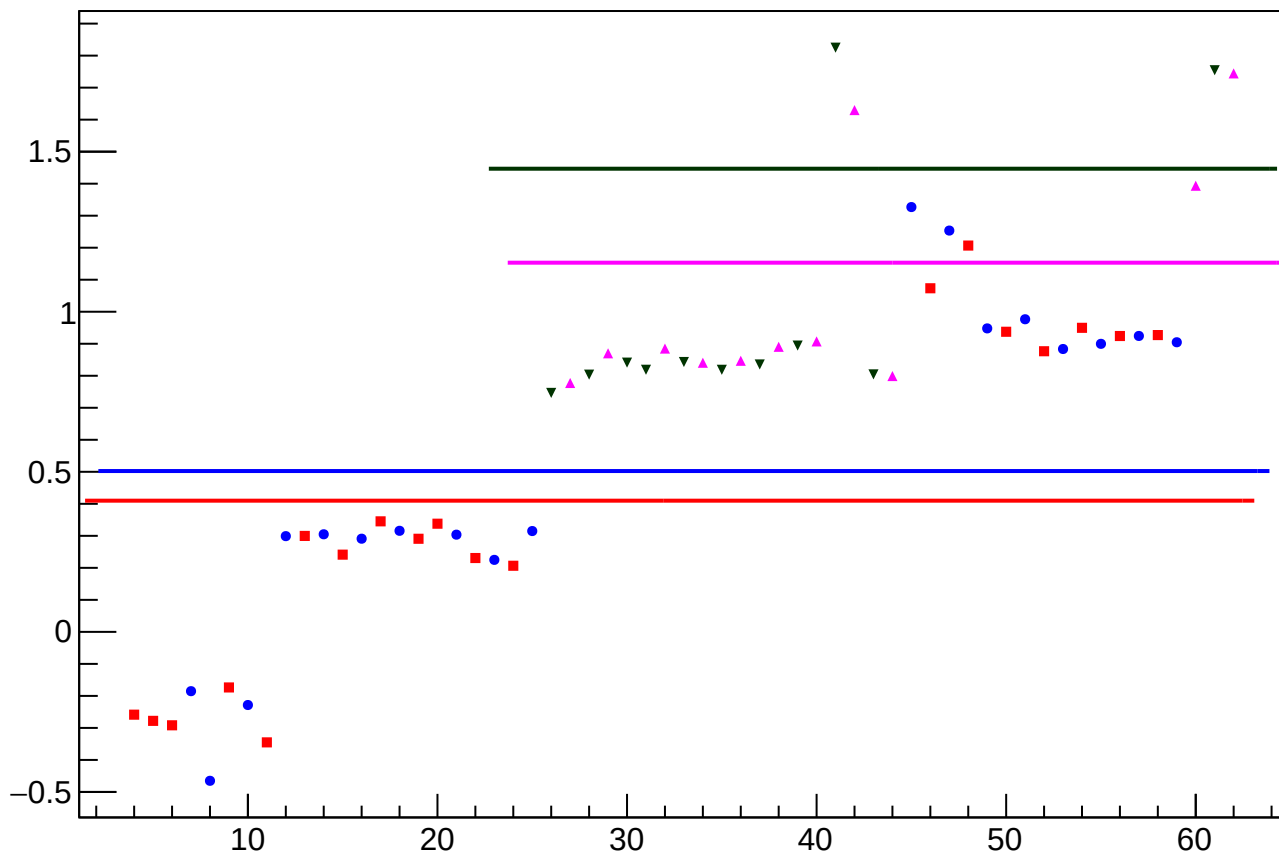
Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

Left In: 0.010+/-0.000 χ^2/NDF : 4117469.9/10

0.008+/-0.000 χ^2/NDF : 16982652.0/28

0.014+/-0.000 χ^2/NDF : 7316804.2/29

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.447 $\pm$ 0.000 χ^2 /NDF: 20602207286.4/10

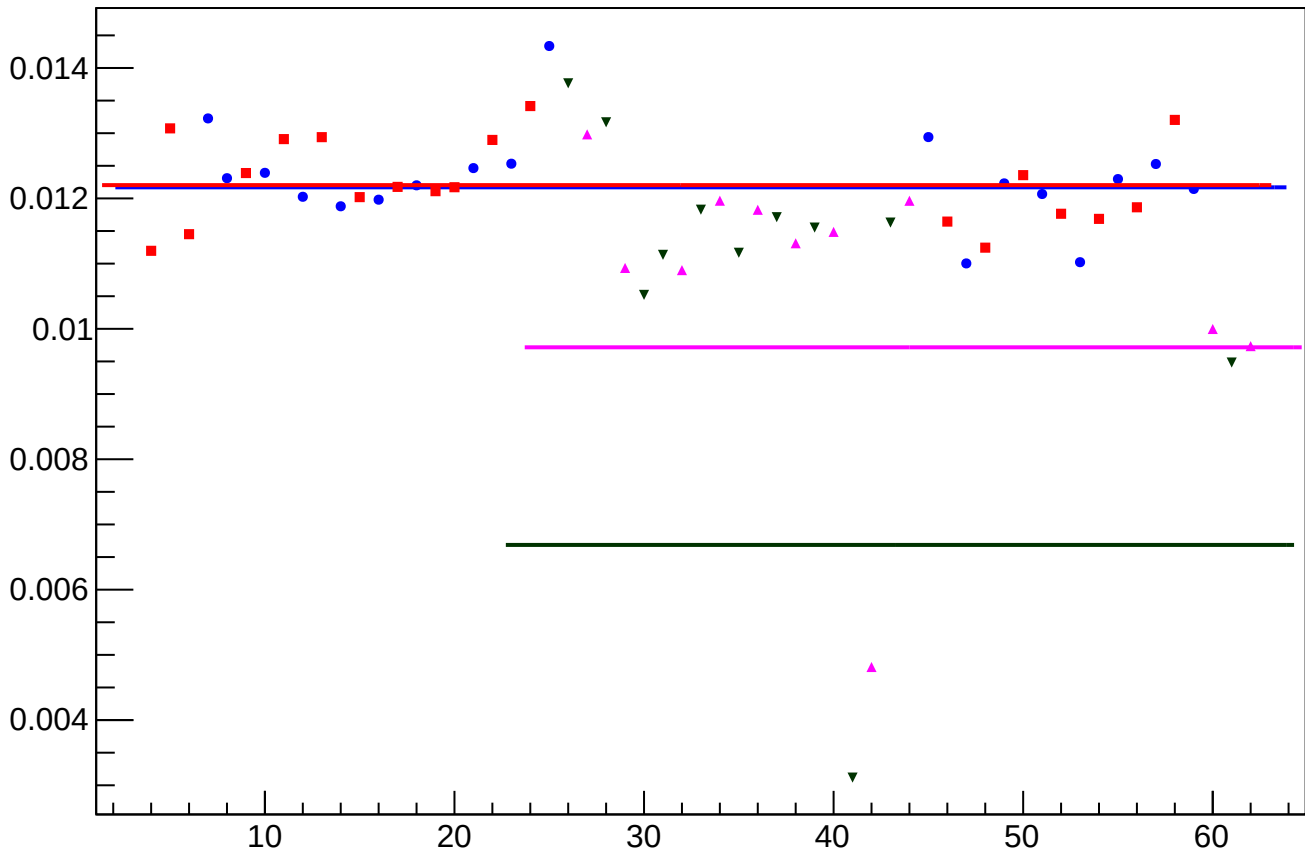
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.153 $\pm$ 0.000 χ^2 /NDF: 8711419464.6/10

1.019 $\pm$ 0.000 χ^2 /NDF: 75805981478.0/28

0.774 $\pm$ 0.000 χ^2 /NDF: 42634819076.8/29

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:3128120.2/10

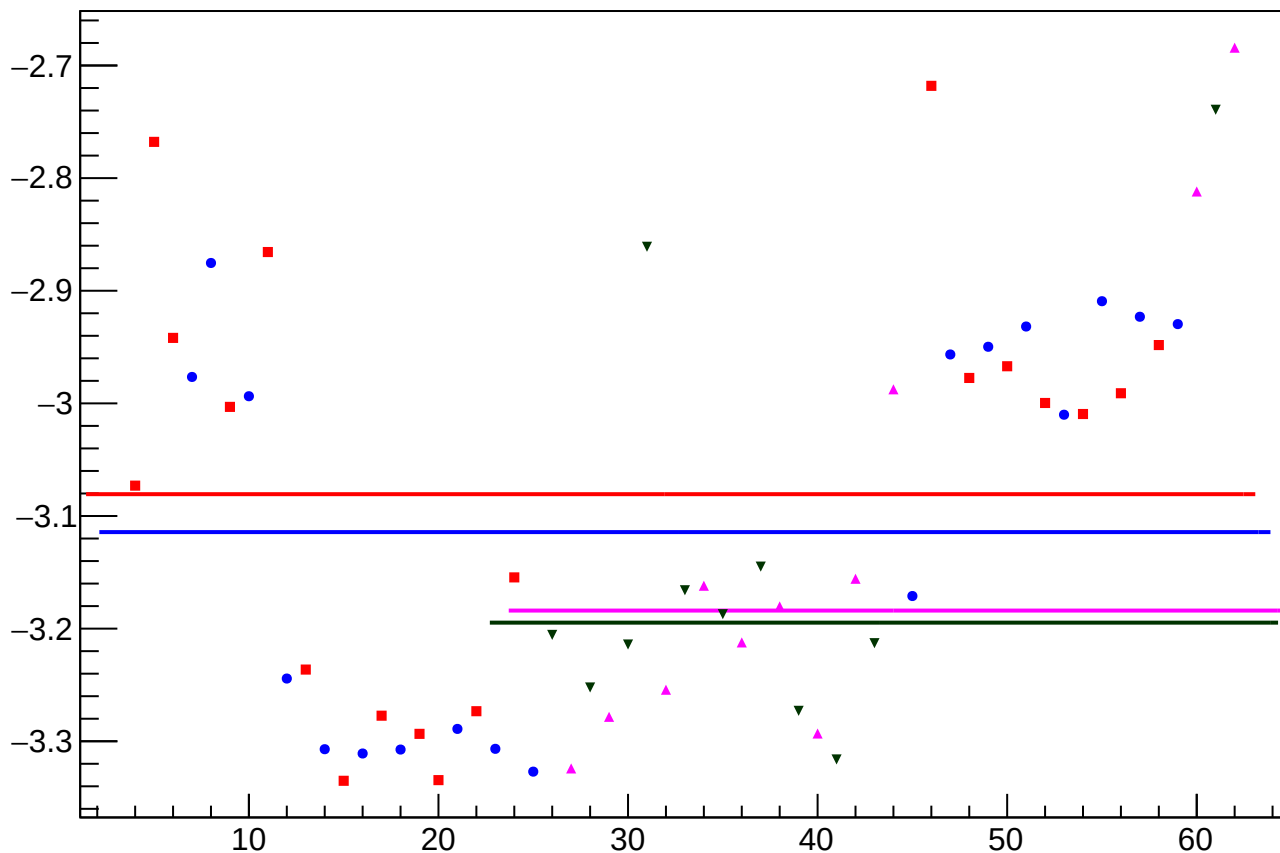
0.009 $\pm$ 0.000 χ^2 /NDF: 5604823.3/28

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1424619.7/29

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:979963.3/10

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.195+/-0.000 χ^2/NDF : 1641114117.3/10

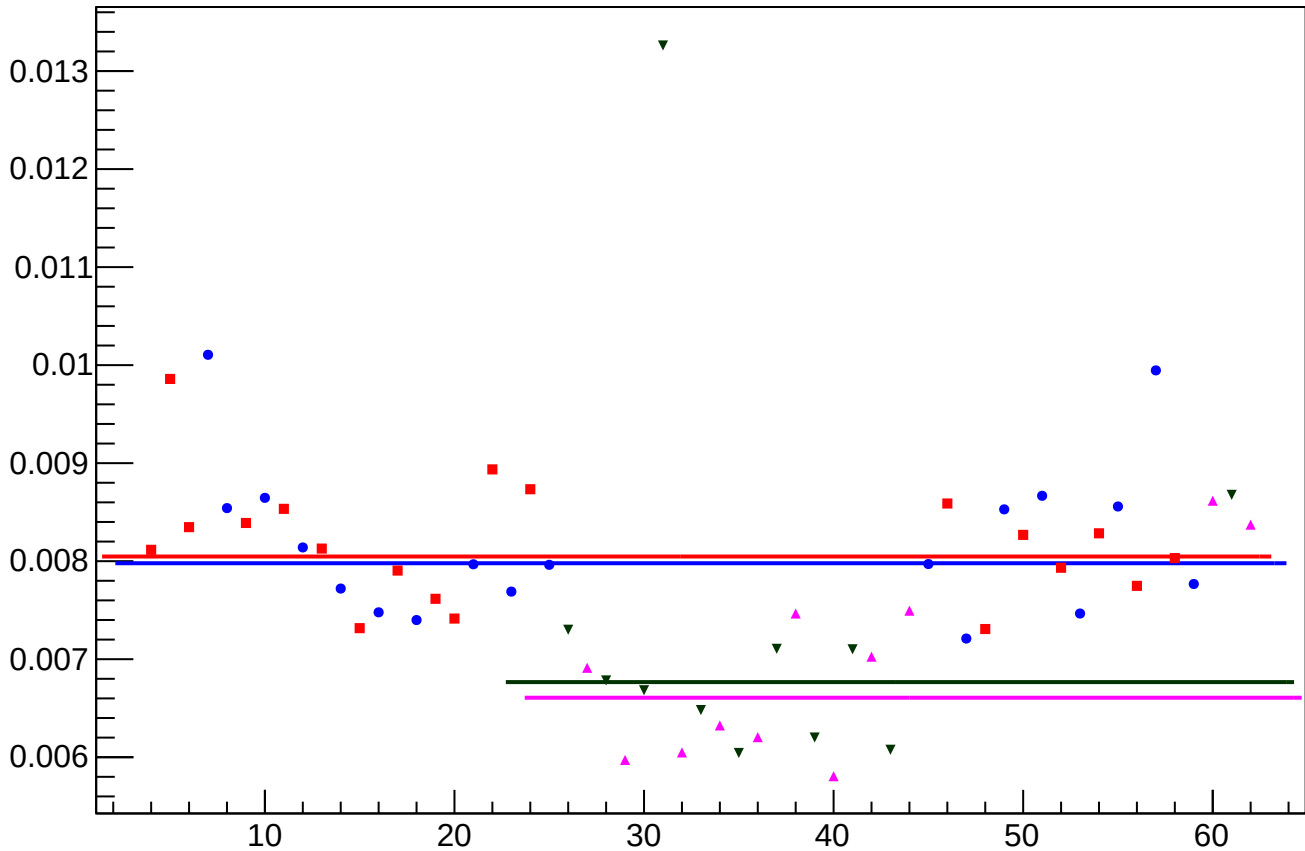
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.184+/-0.000 χ^2/NDF : 3670018596.4/10

-3.147+/-0.000 χ^2/NDF : 6667181652.3/28

-3.133+/-0.000 χ^2/NDF : 8205225751.5/29

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 : 211903.7/10

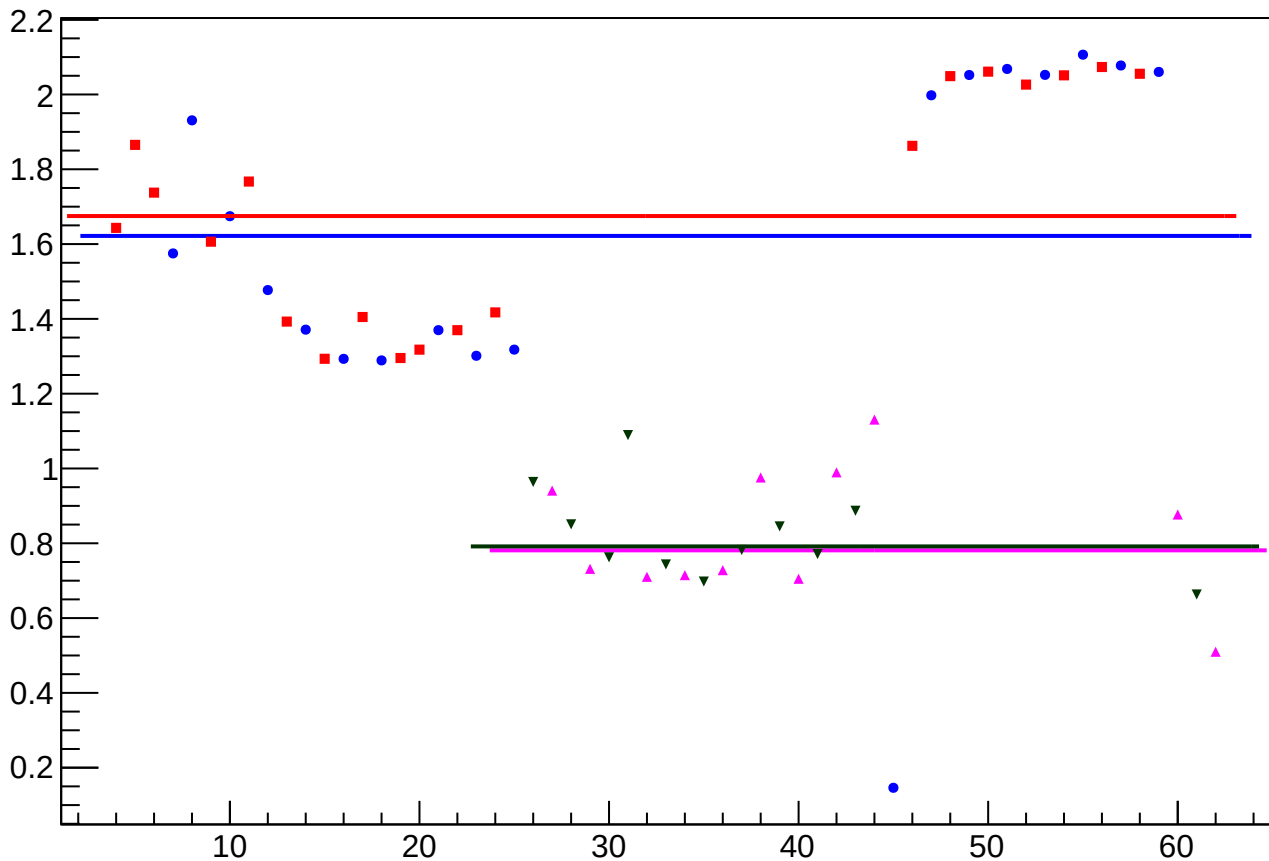
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 177513.0/10

0.007+/-0.000 χ^2/NDF : 488425.6/28

0.007+/-0.000 χ^2/NDF : 505452.4/29

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.792 $\pm$ 0.000 χ^2 /NDF: 612691462.7/10

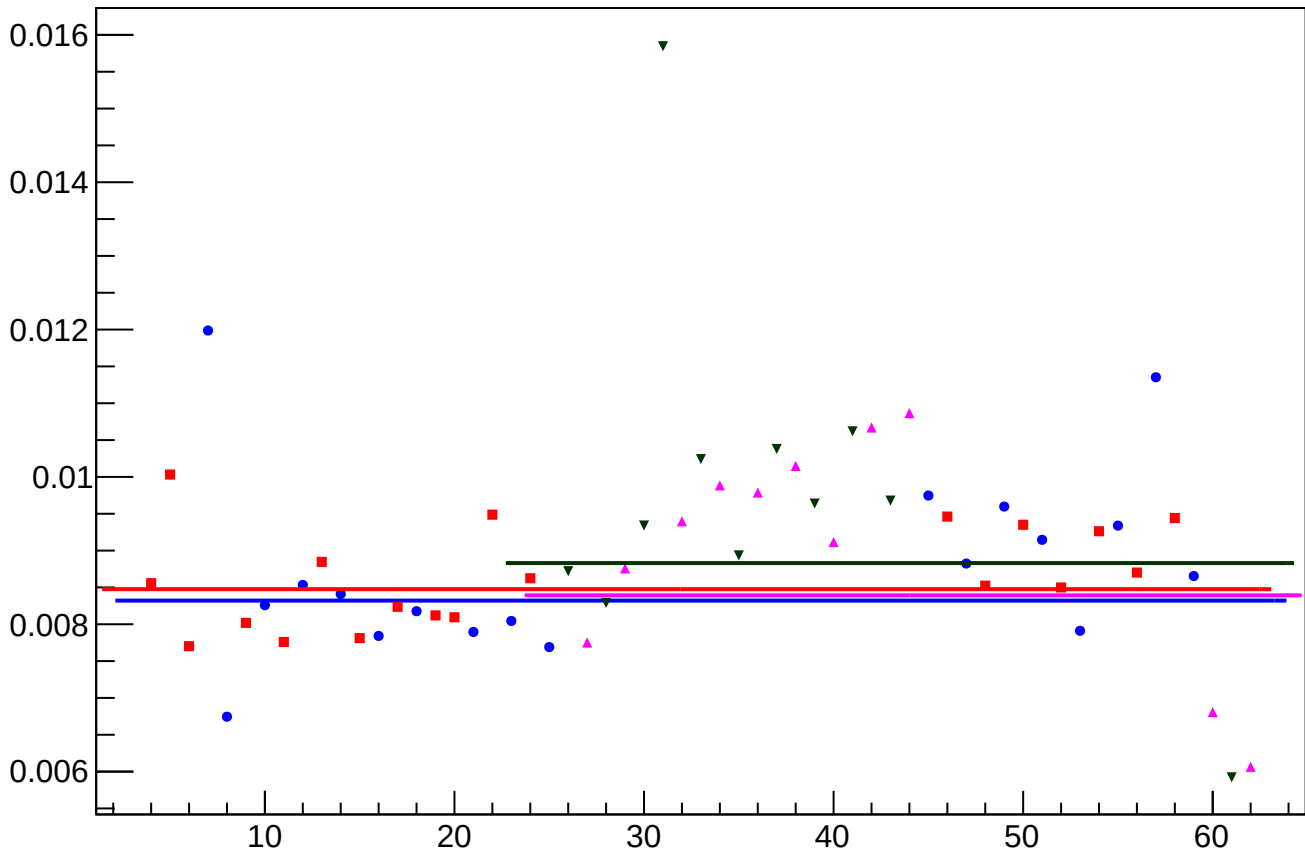
1.367 $\pm$ 0.000 χ^2 /NDF: 55178323224.7/28

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.306 $\pm$ 0.000 χ^2 /NDF: 49592556432.5/29

Left In: 0.781 $\pm$ 0.000 χ^2 /NDF: 2202808257.9/10

yield_bpm0l03Y_rms vs slug



Right In: 0.008 ± 0.000 χ^2/NDF : 231289.2/17

Left Out: 0.009 ± 0.000 χ^2/NDF : 389617.4/10

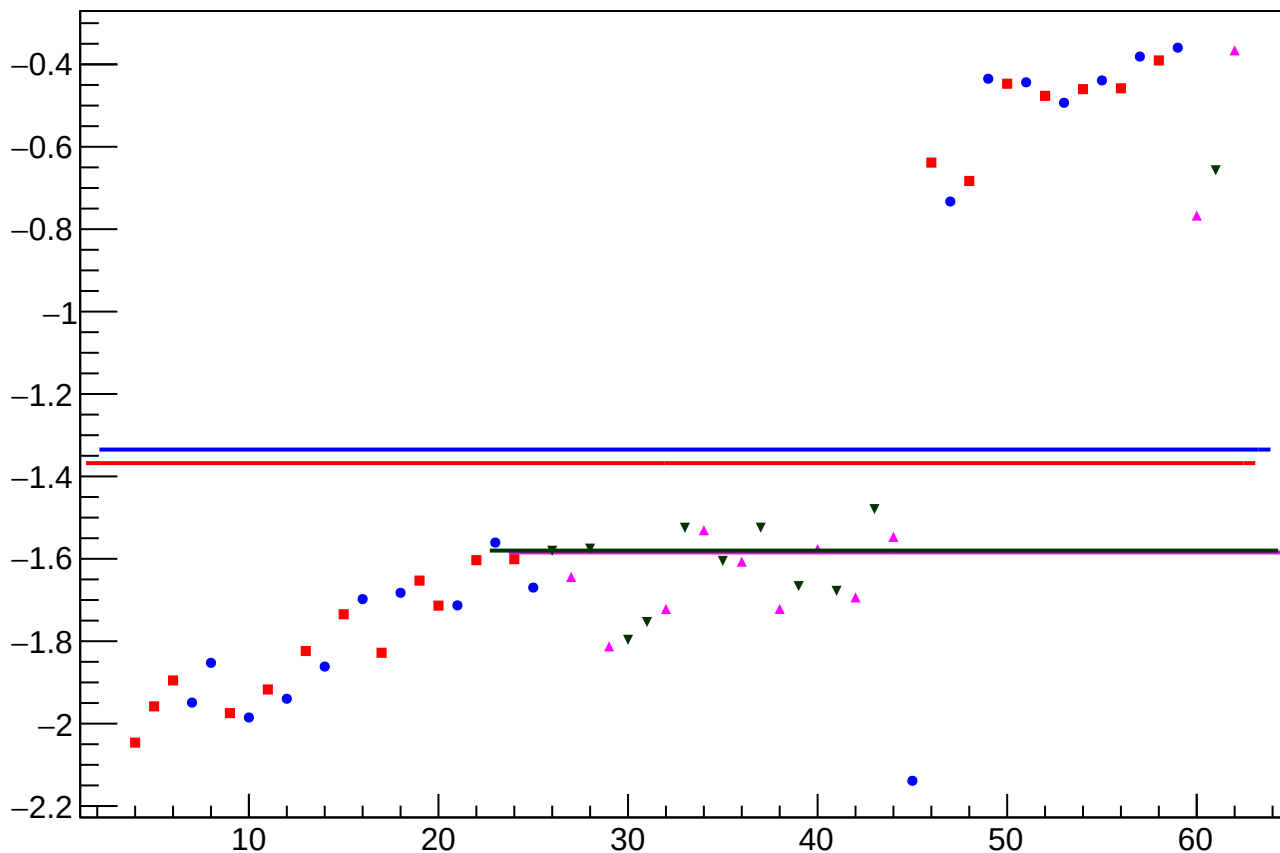
Right Out: 0.008 ± 0.000 χ^2/NDF : 80155.6/18

Left In: 0.008 ± 0.000 χ^2/NDF : 367706.7/10

0.008 ± 0.000 χ^2/NDF : 642406.8/28

0.008 ± 0.000 χ^2/NDF : 448522.7/29

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.580+/-0.000 χ^2/NDF : 1466146122.5/10

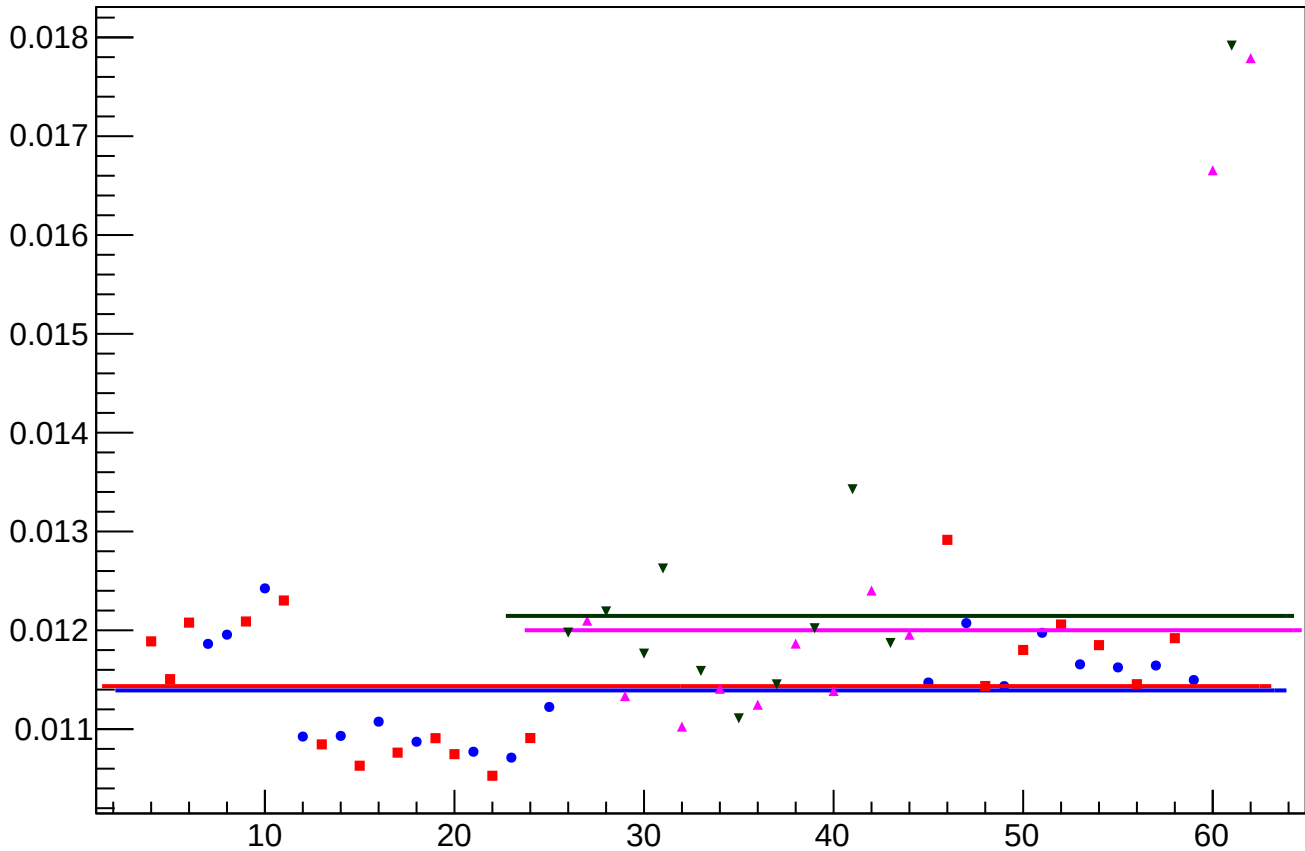
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.585+/-0.000 χ^2/NDF : 4153676280.1/10

-1.410+/-0.000 χ^2/NDF : 41442521656.3/28

-1.449+/-0.000 χ^2/NDF : 34532235724.3/29

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 :114413.7/10

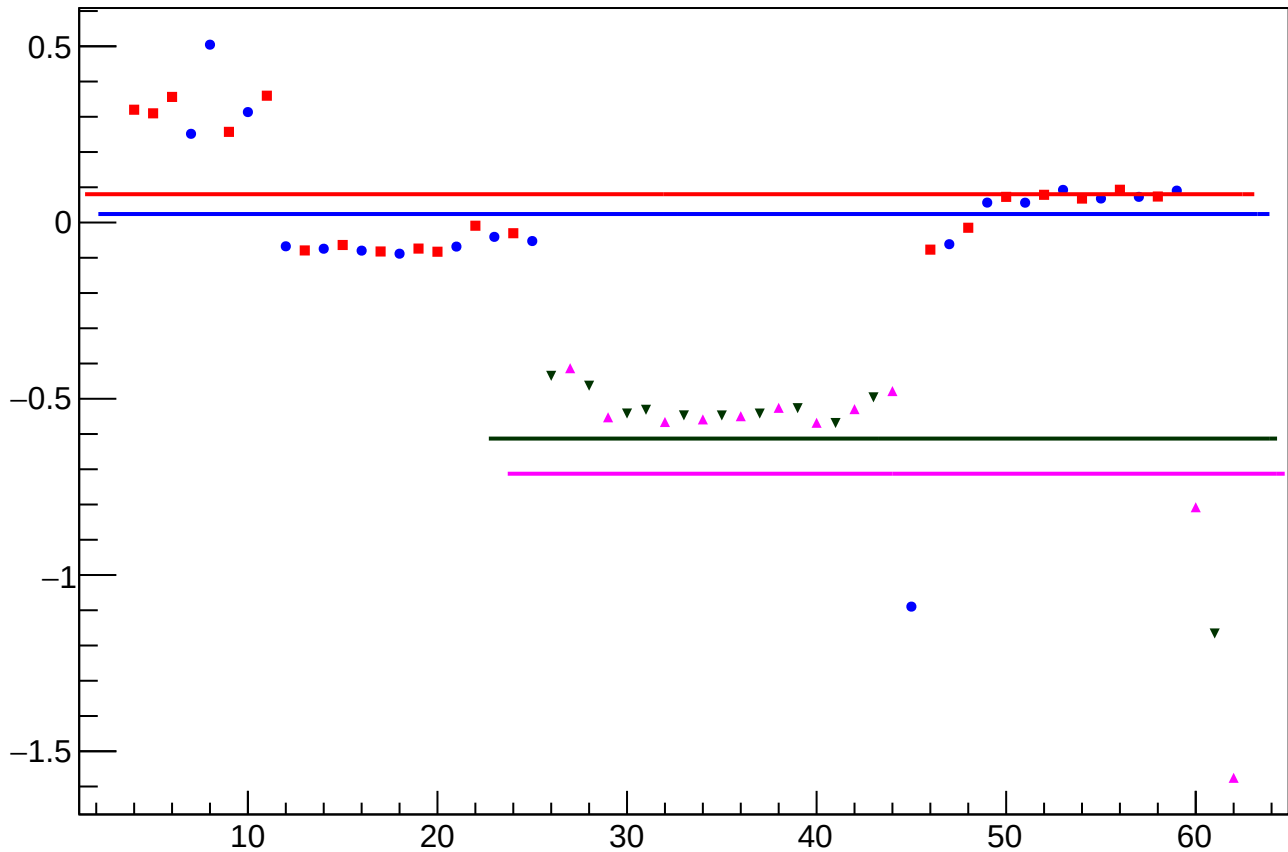
Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

Left In: 0.012+/-0.000 χ^2/NDF :215648.9/10

0.012+/-0.000 χ^2/NDF : 186263.1/28

0.012+/-0.000 χ^2/NDF : 299319.6/29

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -0.613+/-0.000 χ^2/NDF : 4985198478.9/10

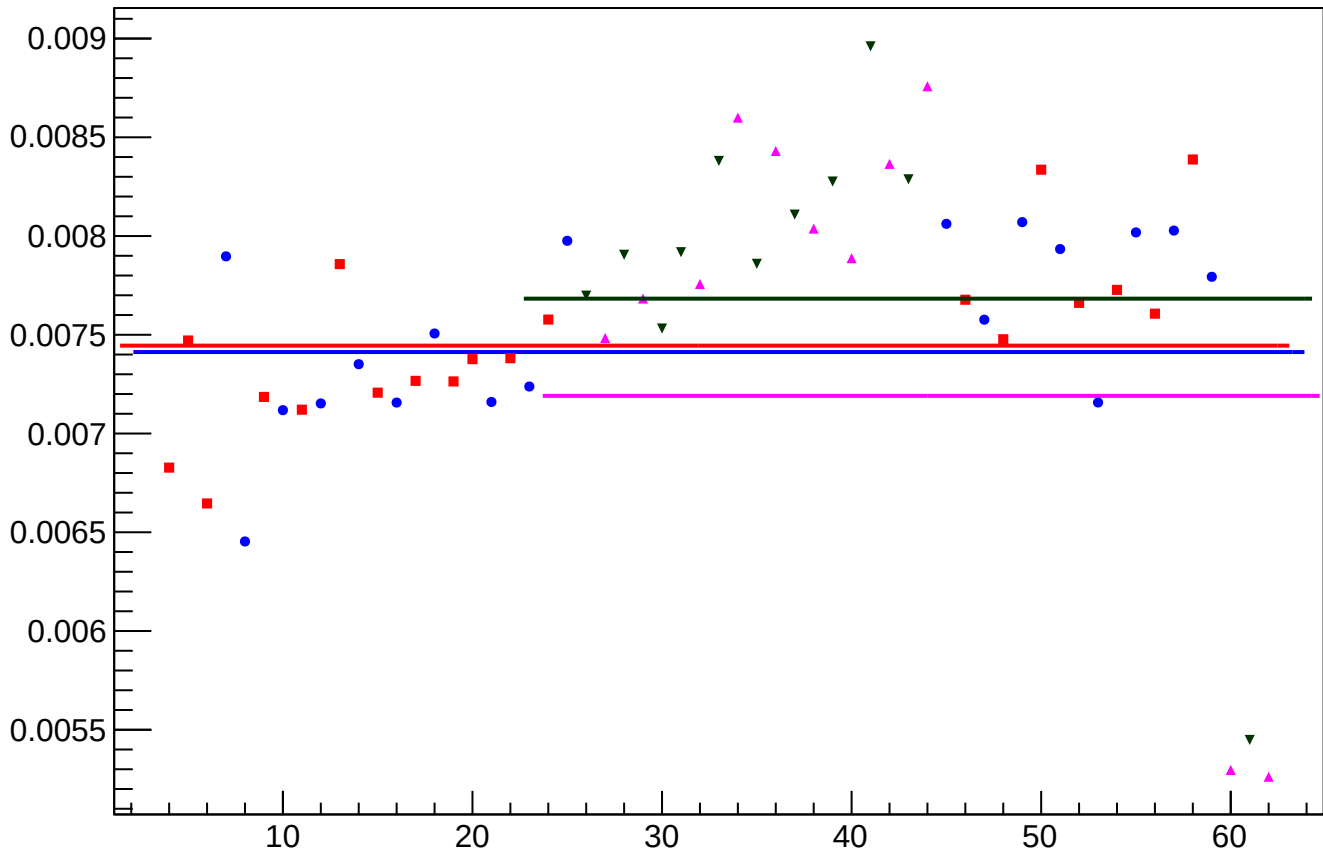
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.713+/-0.000 χ^2/NDF : 16154302931.6/10

-0.178+/-0.000 χ^2/NDF : 48802246087.2/28

-0.248+/-0.000 χ^2/NDF : 65665232718.0/29

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 91120.7/17

Left Out: 0.008+/-0.000 χ^2/NDF :181517.8/10

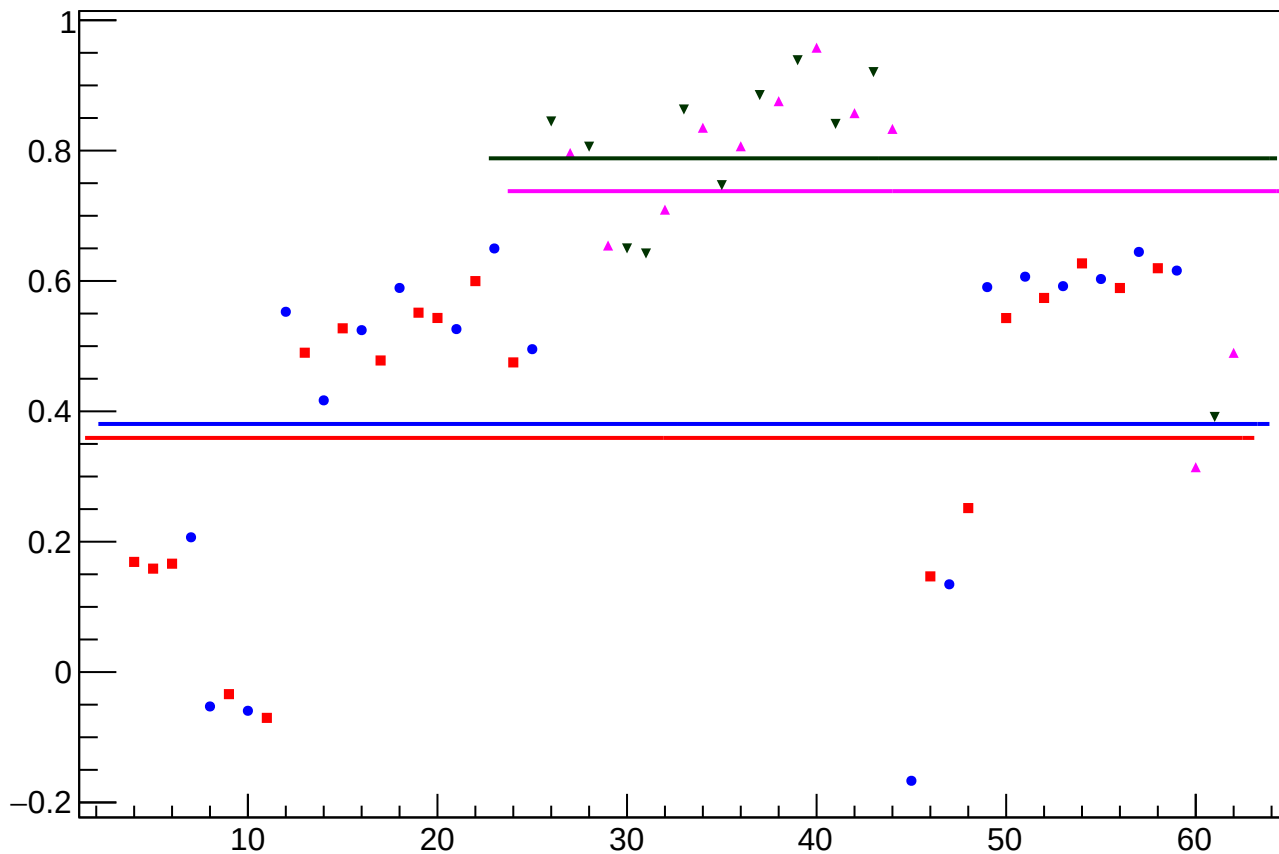
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.007+/-0.000 χ^2/NDF :398275.5/10

0.007+/-0.000 χ^2/NDF : 281858.2/28

0.007+/-0.000 χ^2/NDF : 468642.5/29

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.788+/-0.000 χ^2/NDF : 2146724135.4/10

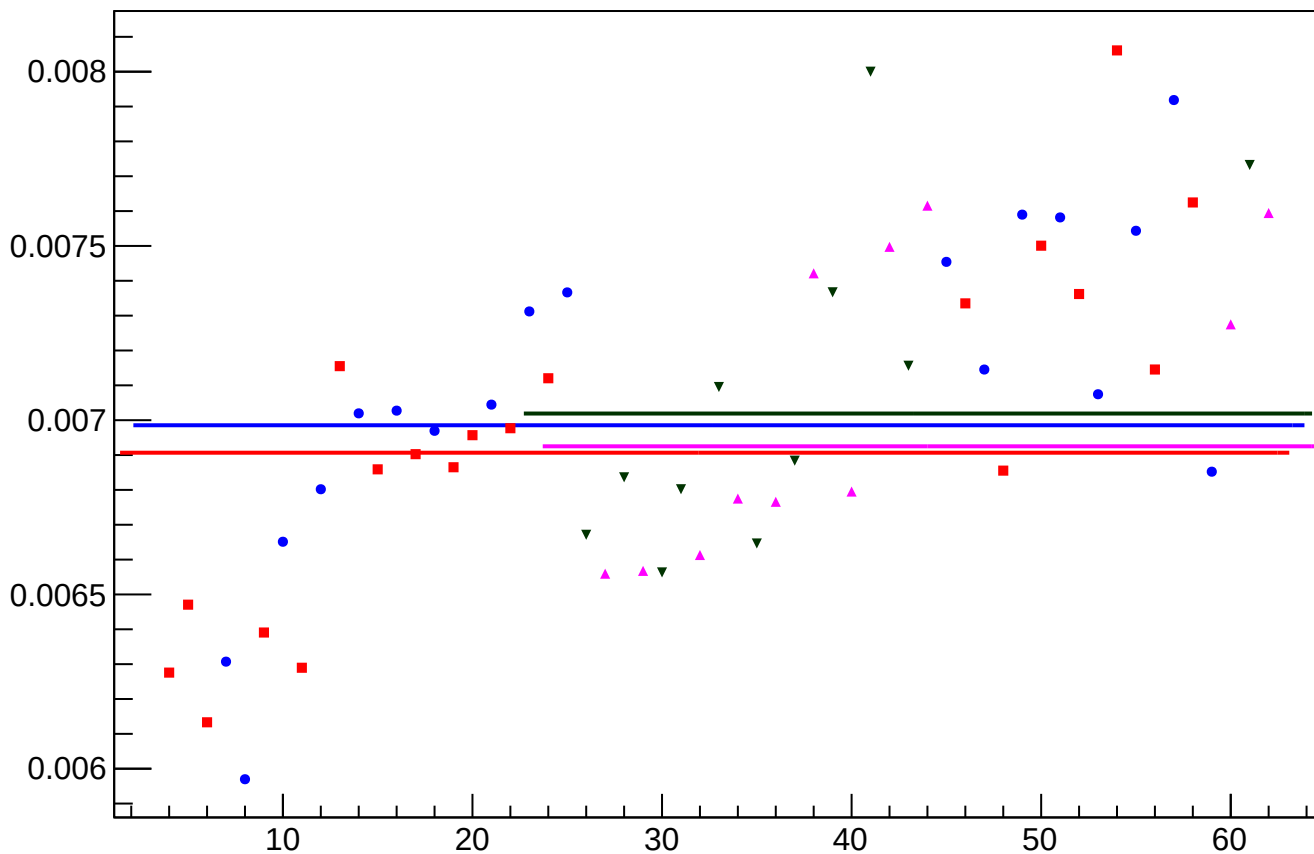
0.518+/-0.000 χ^2/NDF : 32484503015.4/28

Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

0.511+/-0.000 χ^2/NDF : 27129790493.4/29

Left In: 0.738+/-0.000 χ^2/NDF : 3554259910.4/10

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 : 40366.5/10

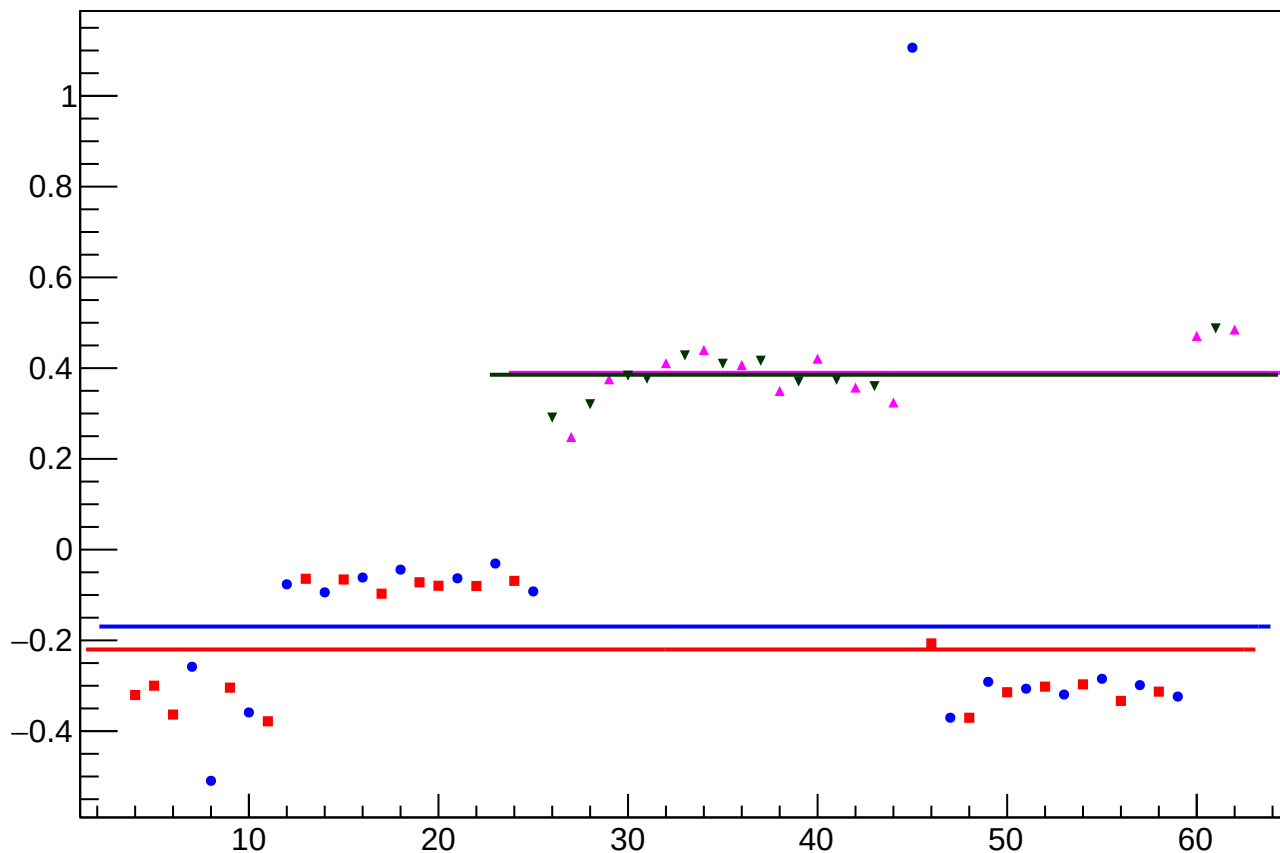
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 44240.5/10

0.007+/-0.000 χ^2/NDF : 147693.8/28

0.007+/-0.000 χ^2/NDF : 141851.0/29

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.385+/-0.000 χ^2/NDF :572018721.8/10

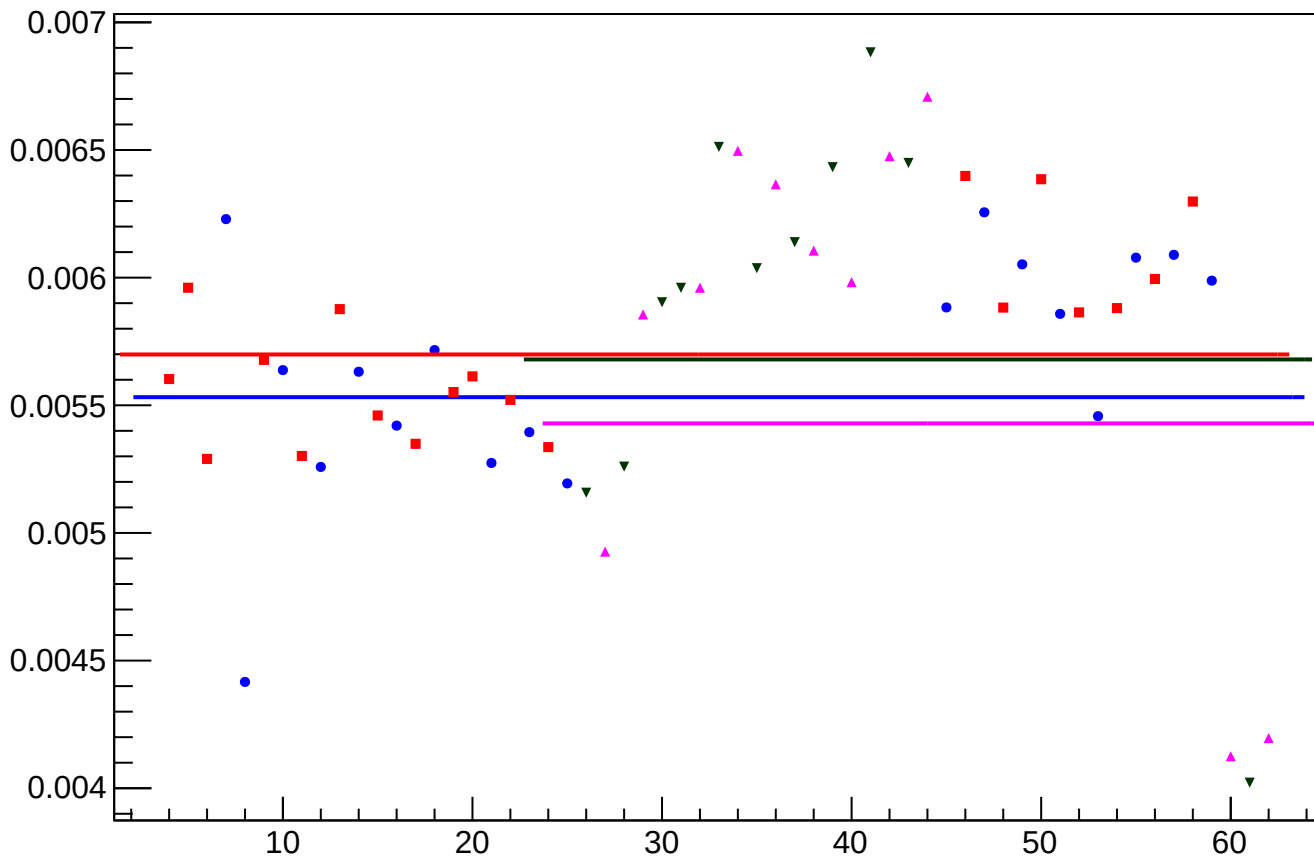
Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

Left In: 0.390+/-0.000 χ^2/NDF :1261994364.2/10

0.009+/-0.000 χ^2/NDF : 72544004104.4/28

0.037+/-0.000 χ^2/NDF : 51860305027.6/29

yield_bpm0l05Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 186989.4/17

Left Out: 0.006+/-0.000 χ^2/NDF : 249832.7/10

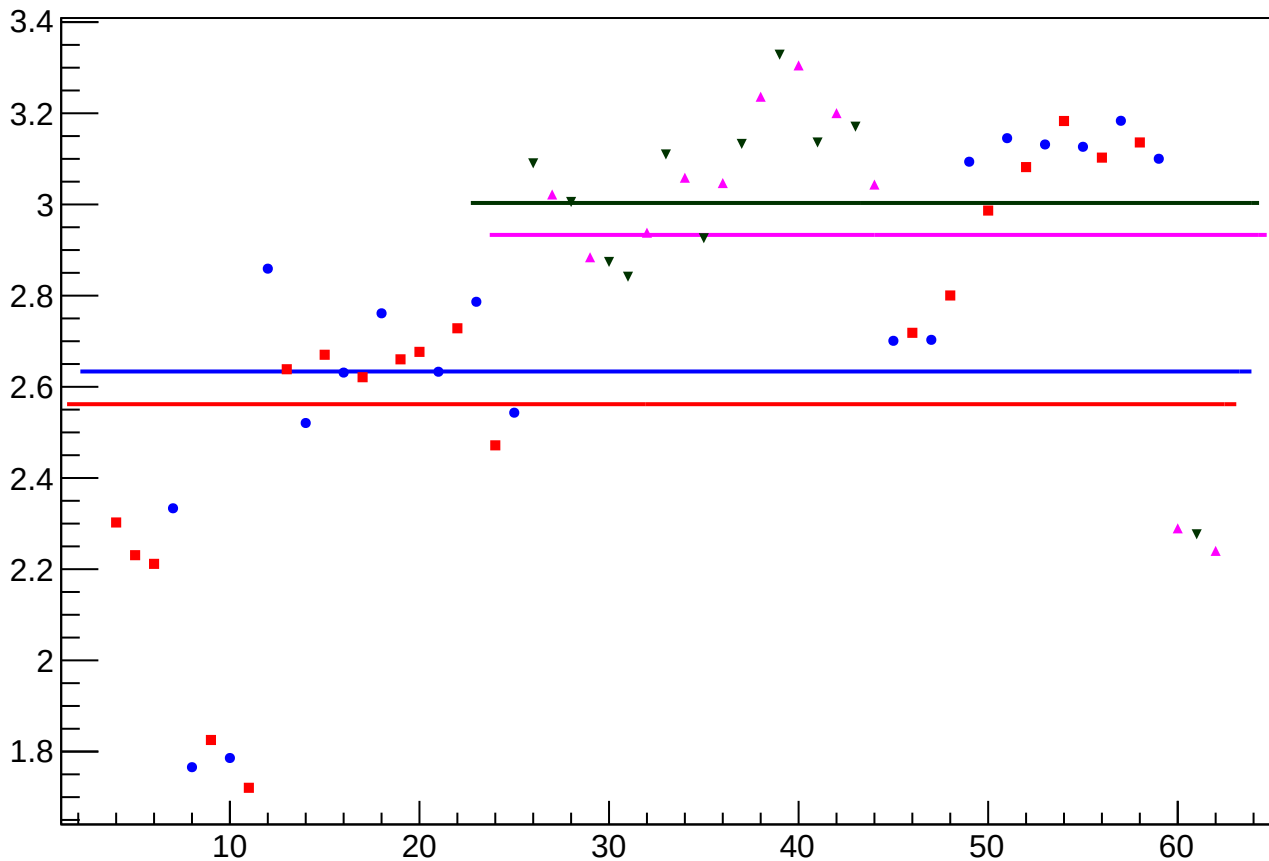
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 356576.0/10

0.006+/-0.000 χ^2/NDF : 441770.8/28

0.006+/-0.000 χ^2/NDF : 440970.1/29

yield_bpm0l06X_mean vs slug



Right In: 2.634 ± 0.000 χ^2/NDF : 15879791998.3/17

Left Out: 3.003 ± 0.000 χ^2/NDF : 3608445383.5/10

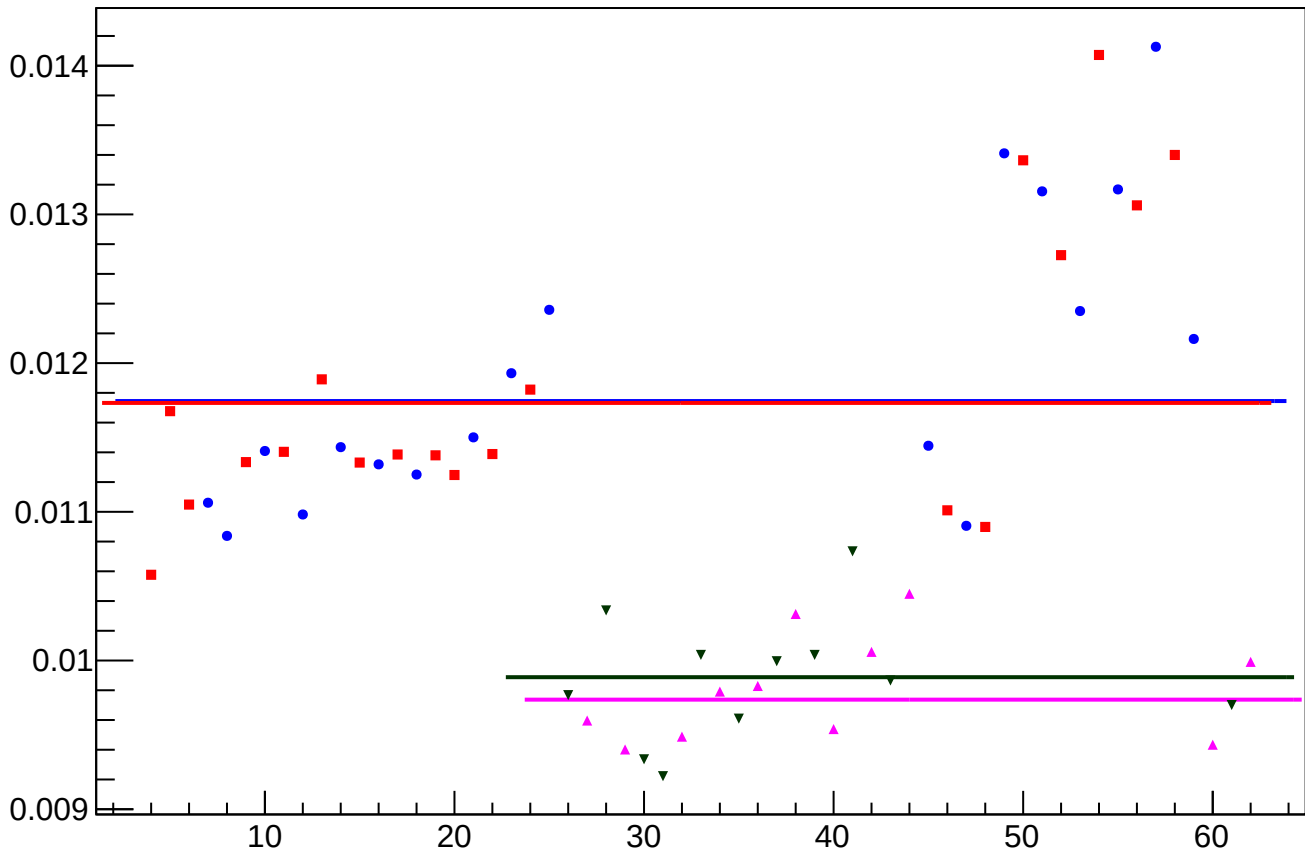
Right Out: 2.562 ± 0.000 χ^2/NDF : 12349960173.0/18

Left In: 2.933 ± 0.000 χ^2/NDF : 6441494922.1/10

2.790 ± 0.000 χ^2/NDF : 24063915000.3/28

2.746 ± 0.000 χ^2/NDF : 23570193866.7/29

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 : 19145.7/10

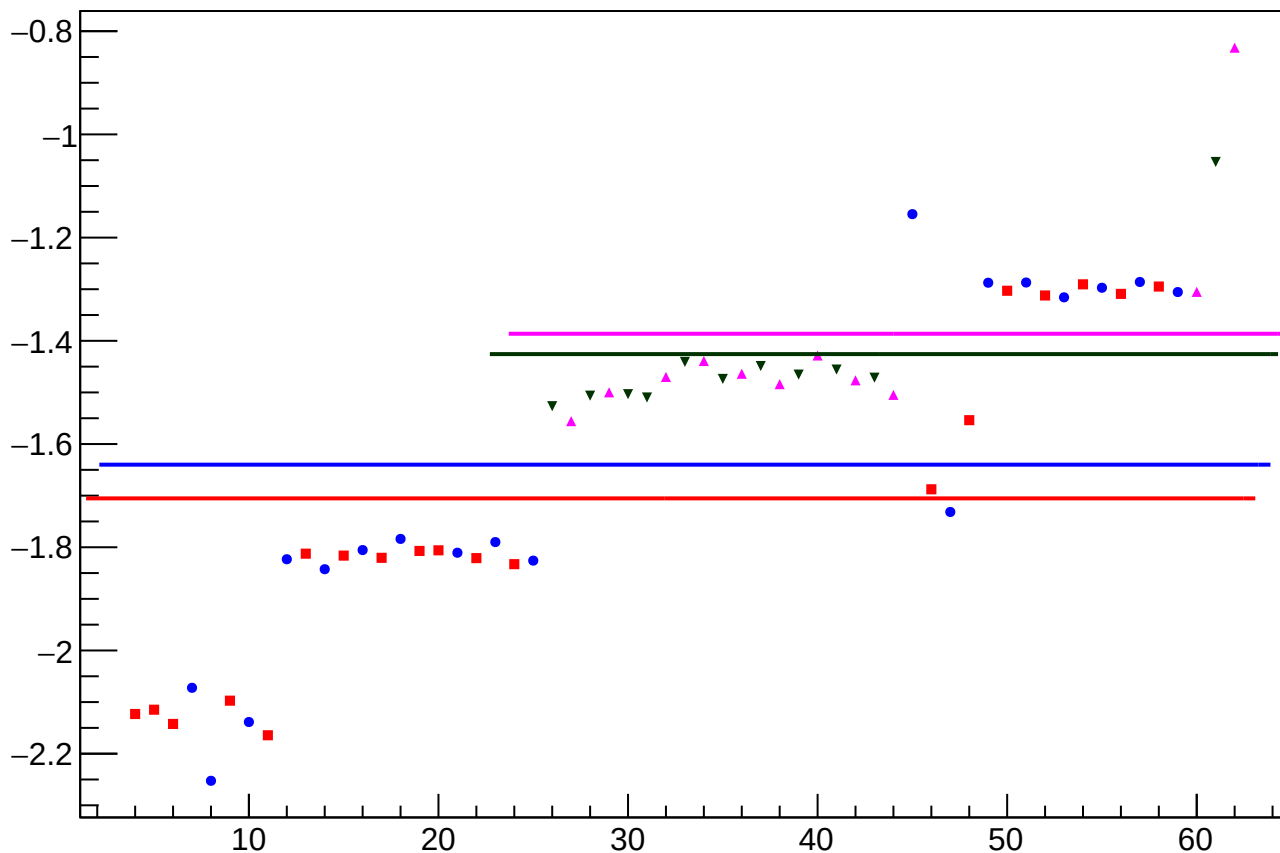
Right Out: 0.012+/-0.000 χ^2/NDF : 107336.5/18

Left In: 0.010+/-0.000 χ^2/NDF : 14856.5/10

0.011+/-0.000 χ^2/NDF : 367463.0/28

0.011+/-0.000 χ^2/NDF : 398203.2/29

yield_bpm0l06Y_mean vs slug



Right In: -1.640+/-0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.426+/-0.000 χ^2/NDF : 4318030461.6/10

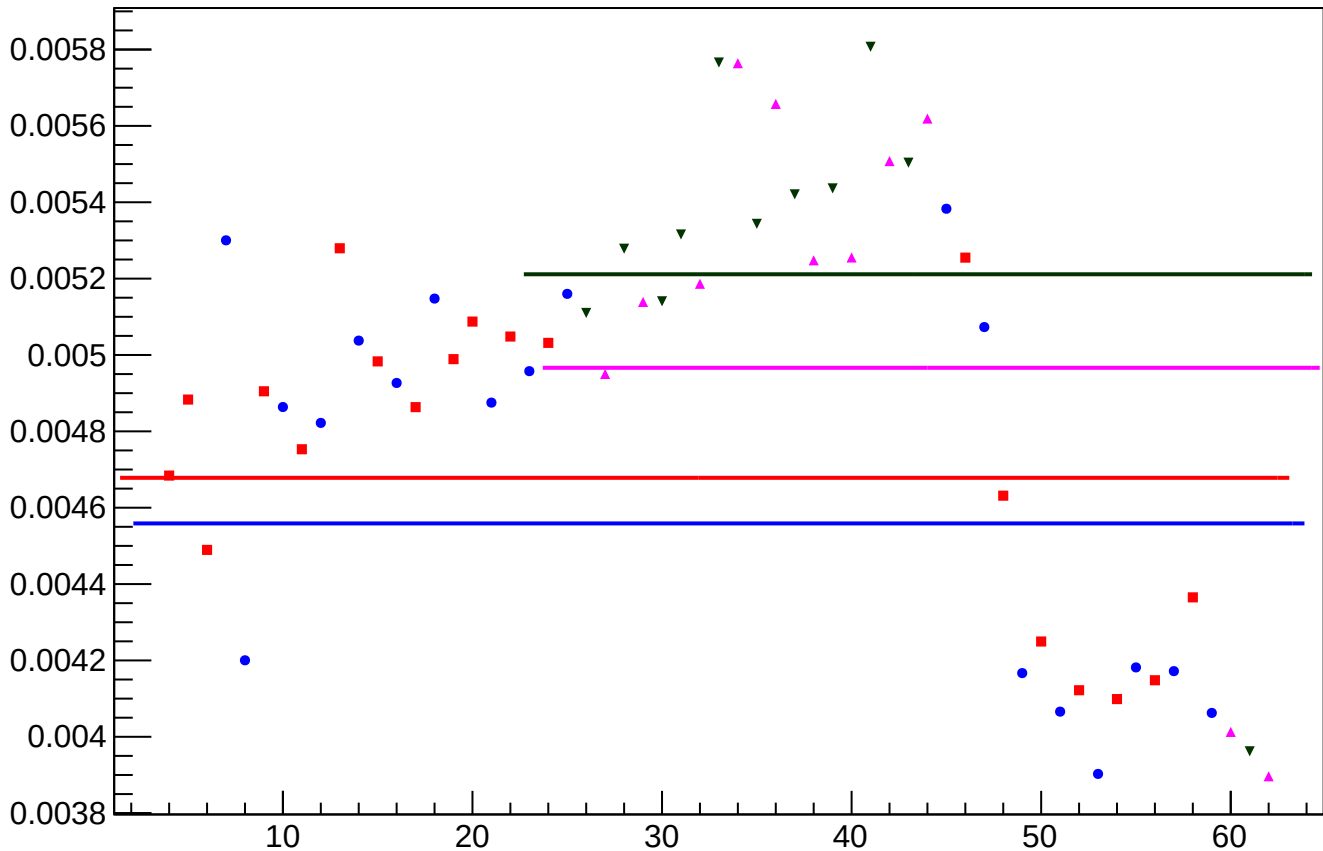
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.386+/-0.000 χ^2/NDF : 12091961998.4/10

-1.580+/-0.000 χ^2/NDF : 74876039368.3/28

-1.587+/-0.000 χ^2/NDF : 74086081825.2/29

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 :110866.4/10

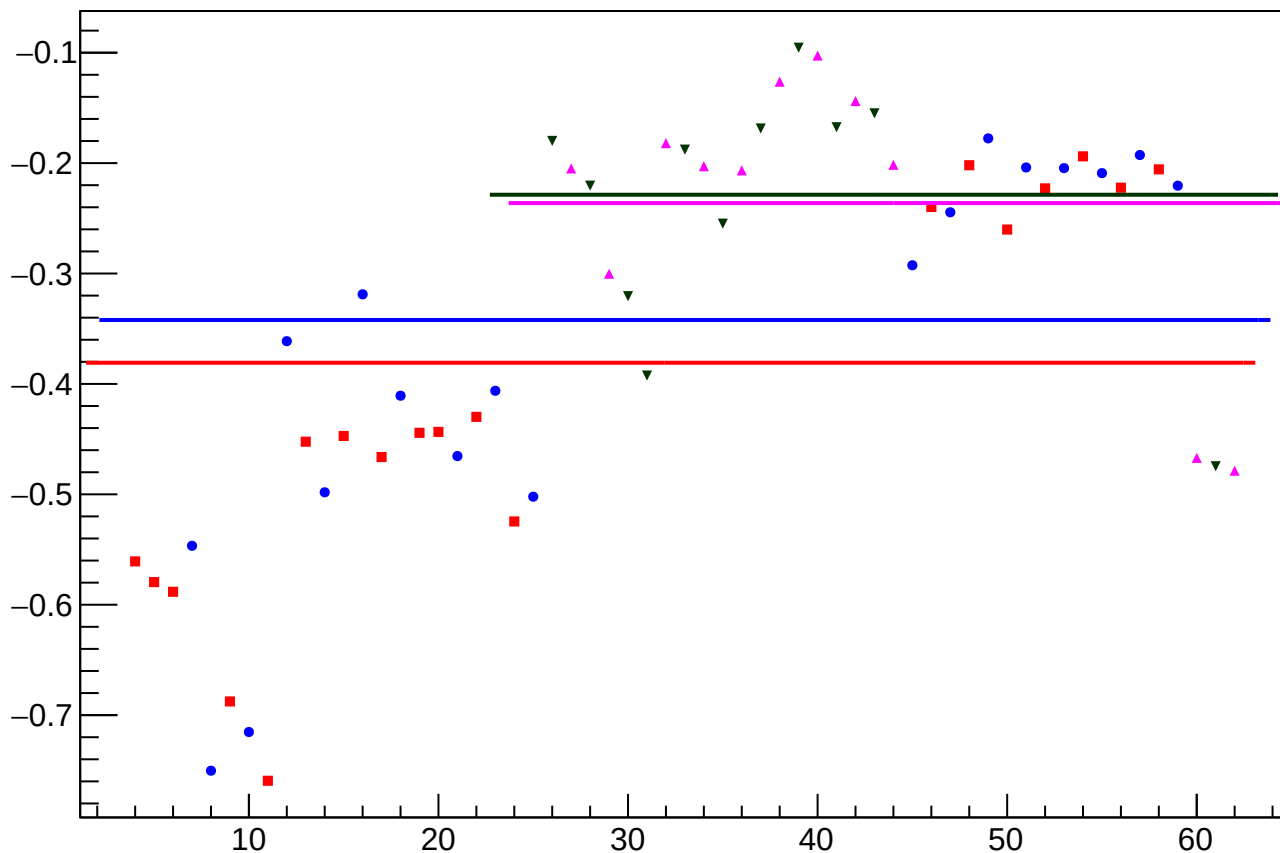
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF :197603.5/10

0.005+/-0.000 χ^2/NDF : 463697.0/28

0.005+/-0.000 χ^2/NDF : 361090.9/29

yield_bpm0l07X_mean vs slug



Right In: -0.342 ± 0.000 $\chi^2/NDF: 1669772673.5/17$

Left Out: -0.229 ± 0.000 $\chi^2/NDF: 269923462.1/10$

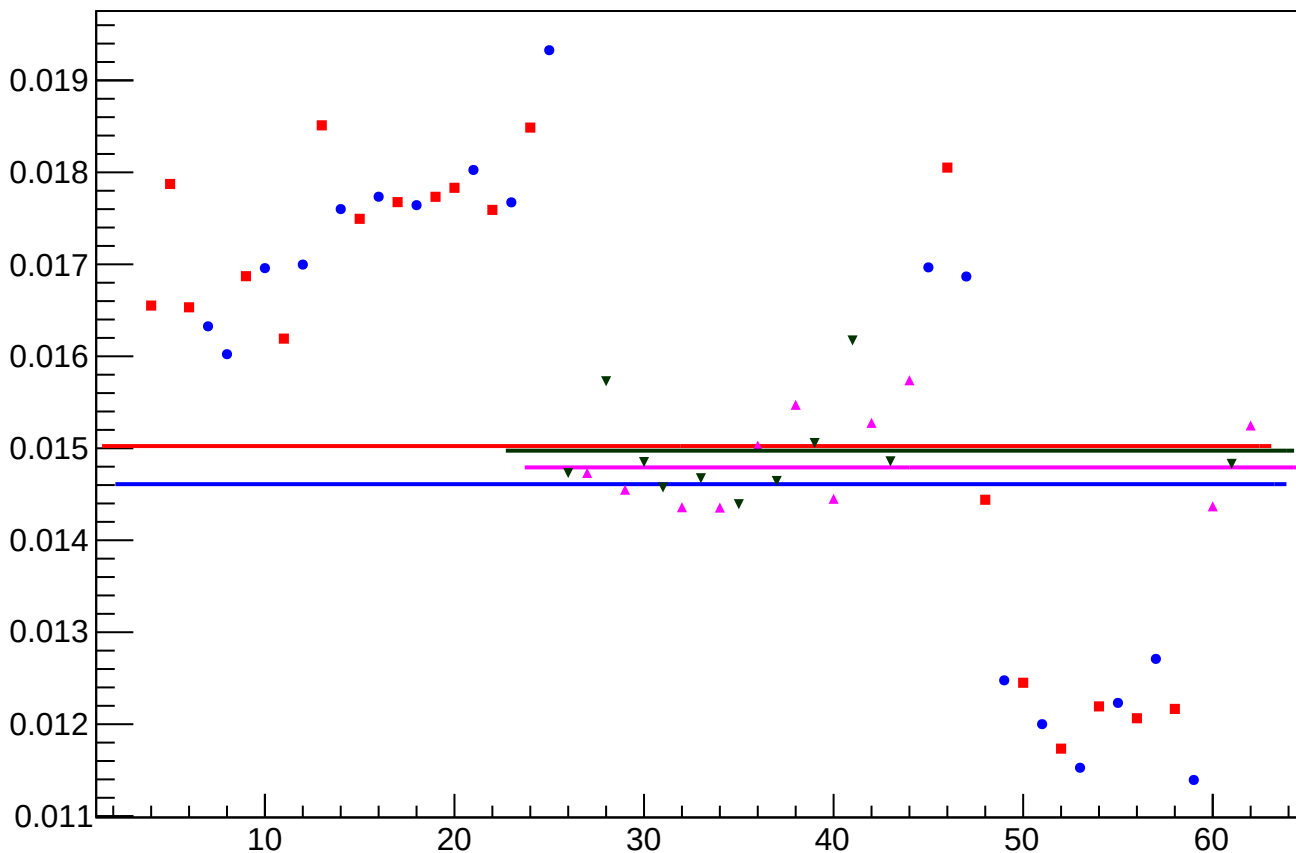
Right Out: -0.381 ± 0.000 $\chi^2/NDF: 1387002500.9/18$

Left In: -0.236 ± 0.000 $\chi^2/NDF: 379239781.8/10$

-0.304 ± 0.000 $\chi^2/NDF: 2157658207.0/28$

-0.320 ± 0.000 $\chi^2/NDF: 2130917472.5/29$

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 :13299.0/10

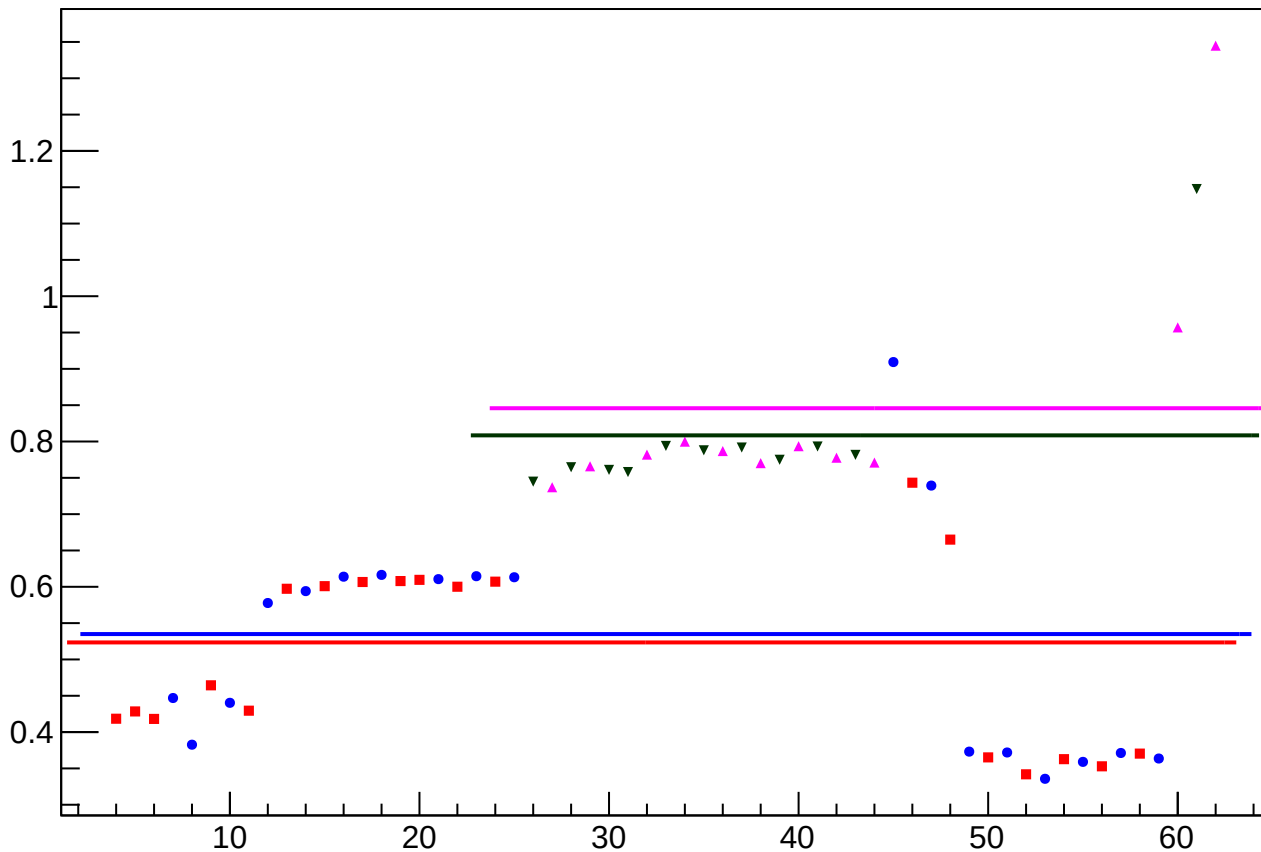
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF :12297.6/10

0.015+/-0.000 χ^2/NDF : 729716.9/28

0.015+/-0.000 χ^2/NDF : 587955.7/29

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 0.808+/-0.000 χ^2/NDF : 6076056336.3/10

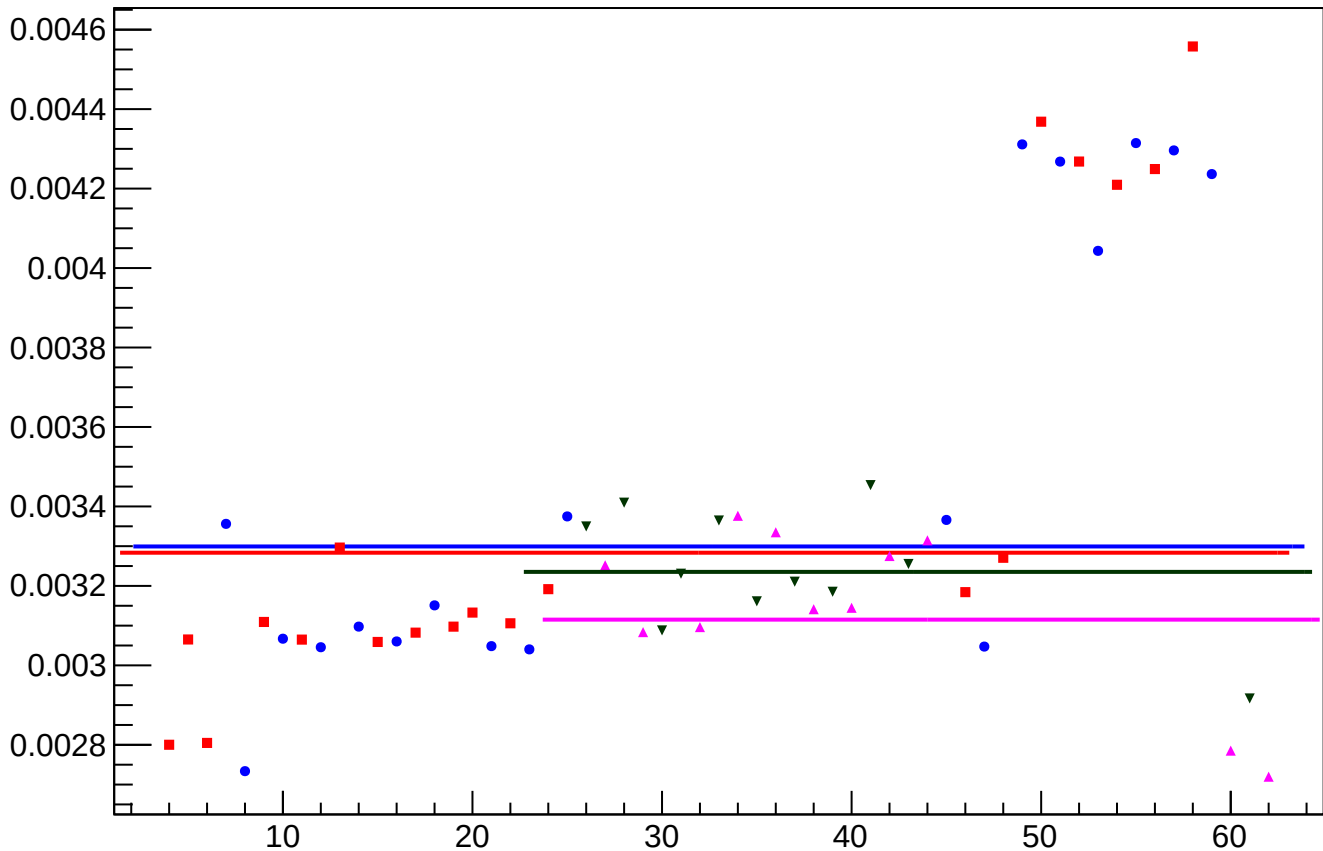
0.631+/-0.000 χ^2/NDF : 53163842453.3/28

Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

0.663+/-0.000 χ^2/NDF : 70638141050.9/29

Left In: 0.846+/-0.000 χ^2/NDF : 19686325381.8/10

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 :23382.0/10

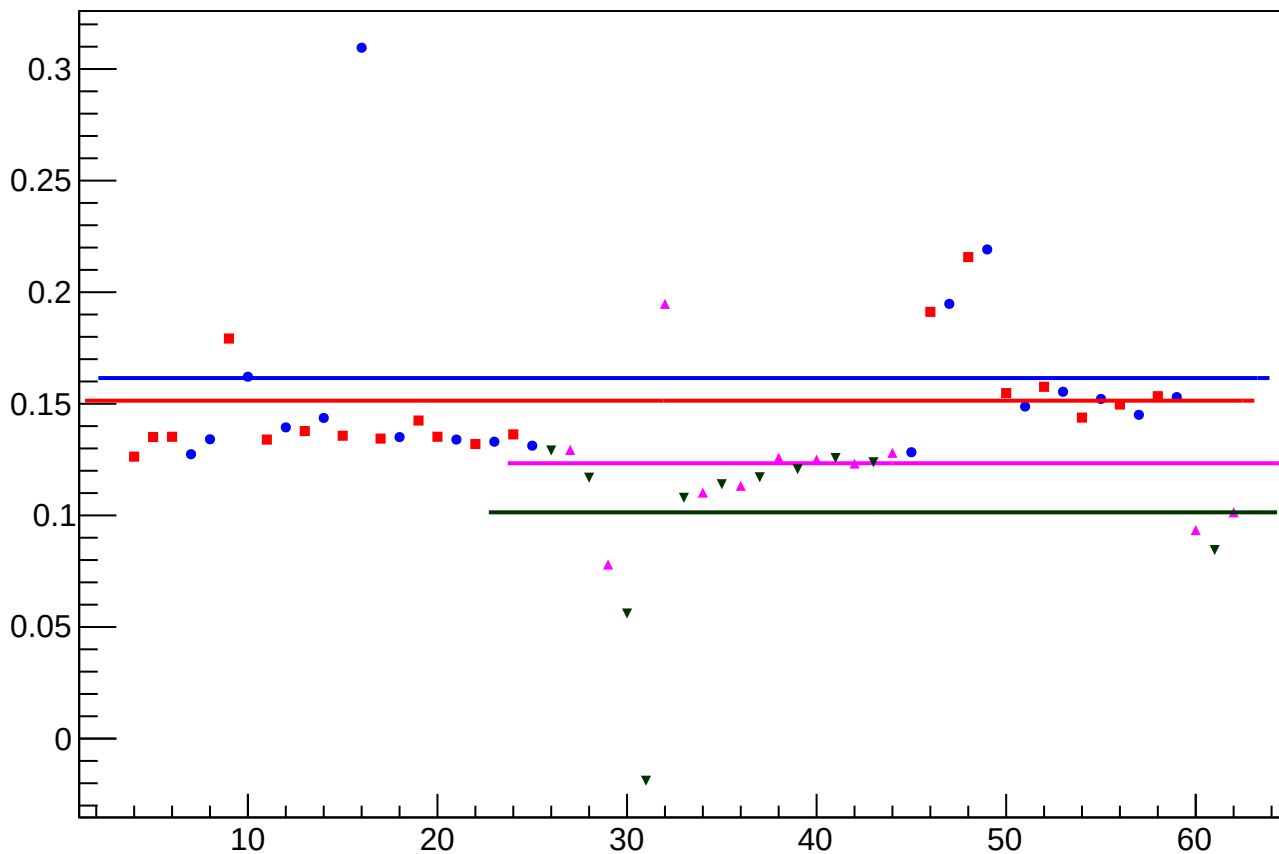
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF :53815.1/10

0.003+/-0.000 χ^2/NDF : 523776.7/28

0.003+/-0.000 χ^2/NDF : 457615.9/29

yield_bpm0l08X_mean vs slug



Right In: 0.162+/-0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.101+/-0.000 χ^2/NDF : 43228167.8/10

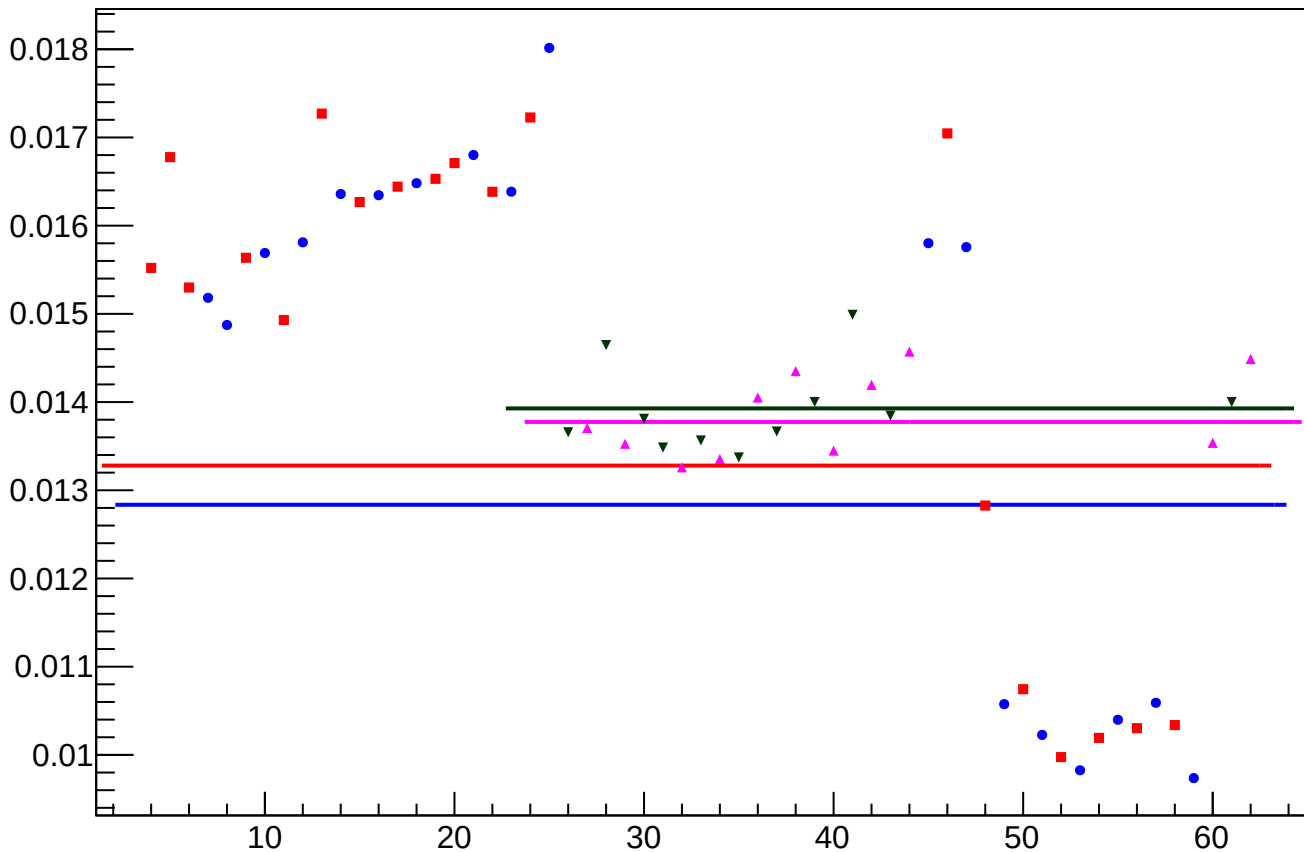
Right Out: 0.151+/-0.000 χ^2/NDF : 22463584.0/18

Left In: 0.123+/-0.000 χ^2/NDF : 39538214.0/10

0.142+/-0.000 χ^2/NDF : 211076117.4/28

0.140+/-0.000 χ^2/NDF : 78339413.7/29

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 :13434.8/10

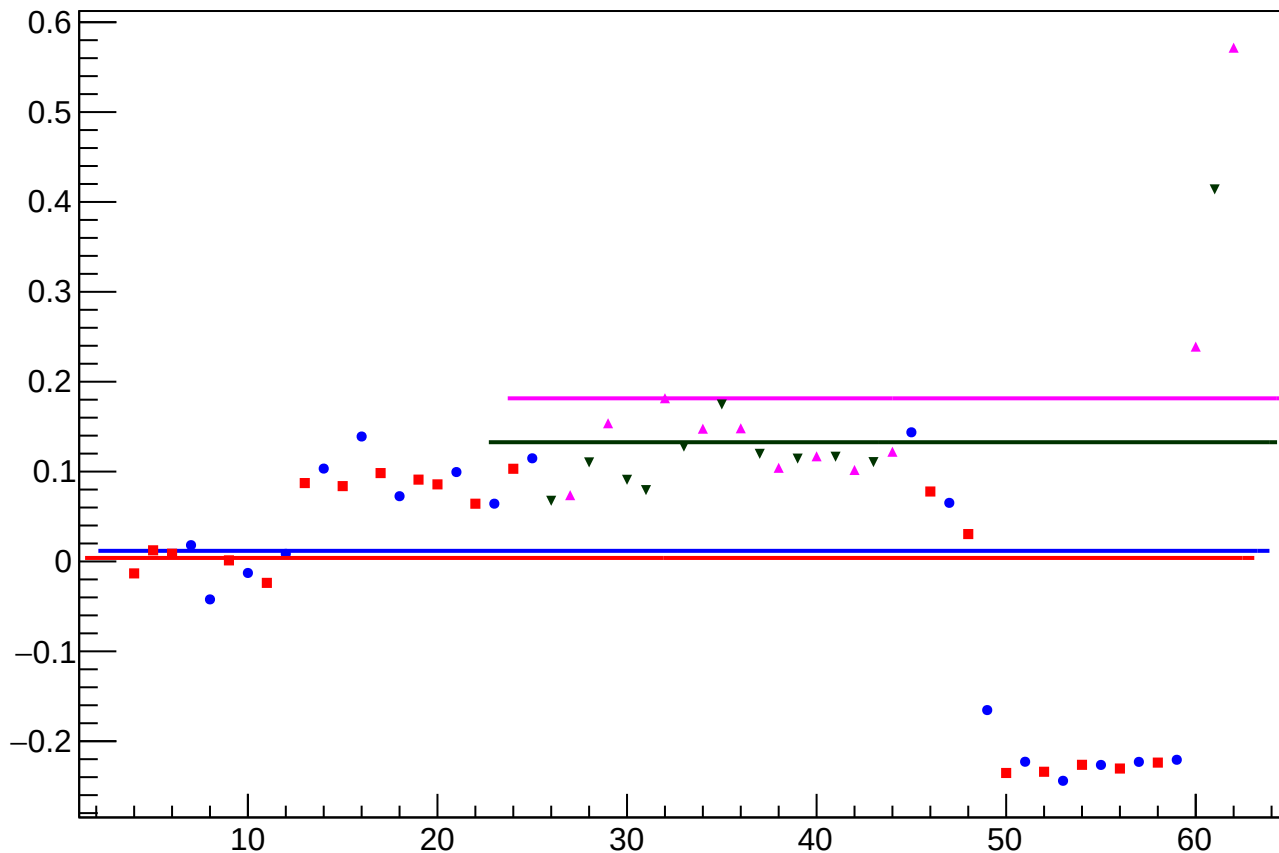
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :13435.7/10

0.013+/-0.000 χ^2/NDF : 1149865.3/28

0.013+/-0.000 χ^2/NDF : 913632.9/29

yield_bpm0l08Y_mean vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 12179192870.2/17

Left Out: 0.133+/-0.000 χ^2/NDF : 3444676635.9/10

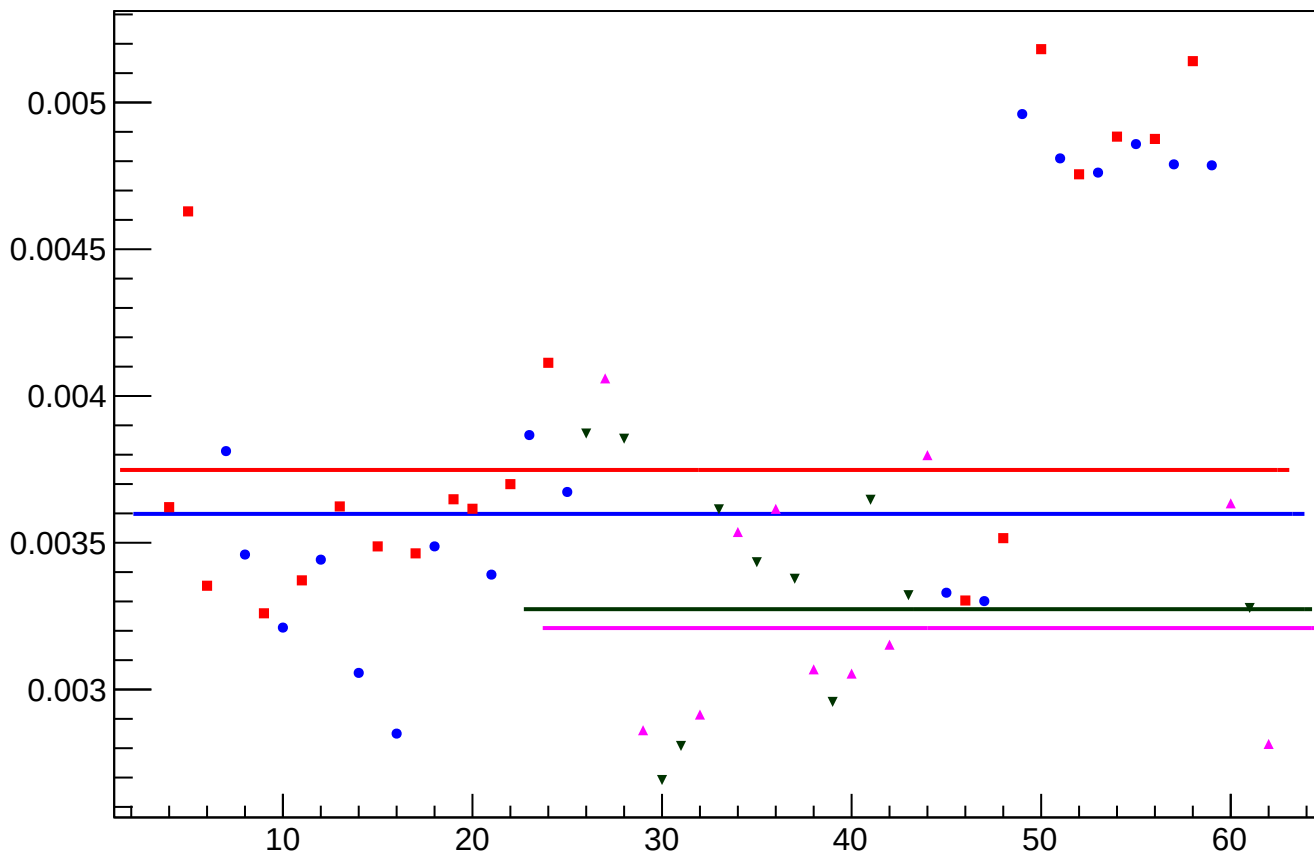
Right Out: 0.004+/-0.000 χ^2/NDF : 7924148421.7/18

Left In: 0.181+/-0.000 χ^2/NDF : 10540991123.8/10

0.058+/-0.000 χ^2/NDF : 20165042207.2/28

0.090+/-0.000 χ^2/NDF : 28431839435.9/29

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 :157068.5/10

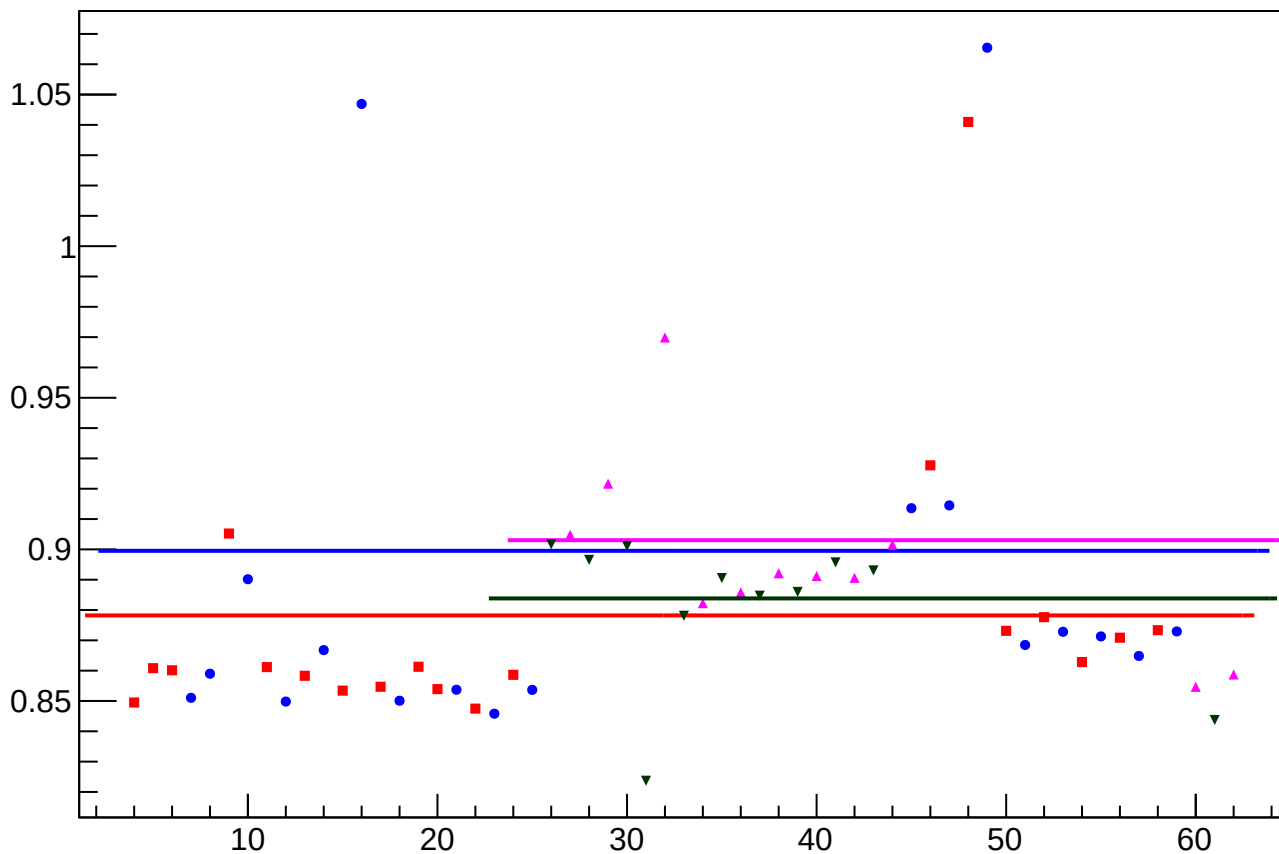
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF :194435.9/10

0.003+/-0.000 χ^2/NDF : 895552.0/28

0.003+/-0.000 χ^2/NDF : 805121.0/29

yield_bpm0l09X_mean vs slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 324904340.4/17

Left Out: 0.884 $\pm$ 0.000 χ^2 /NDF: 14125988.4/10

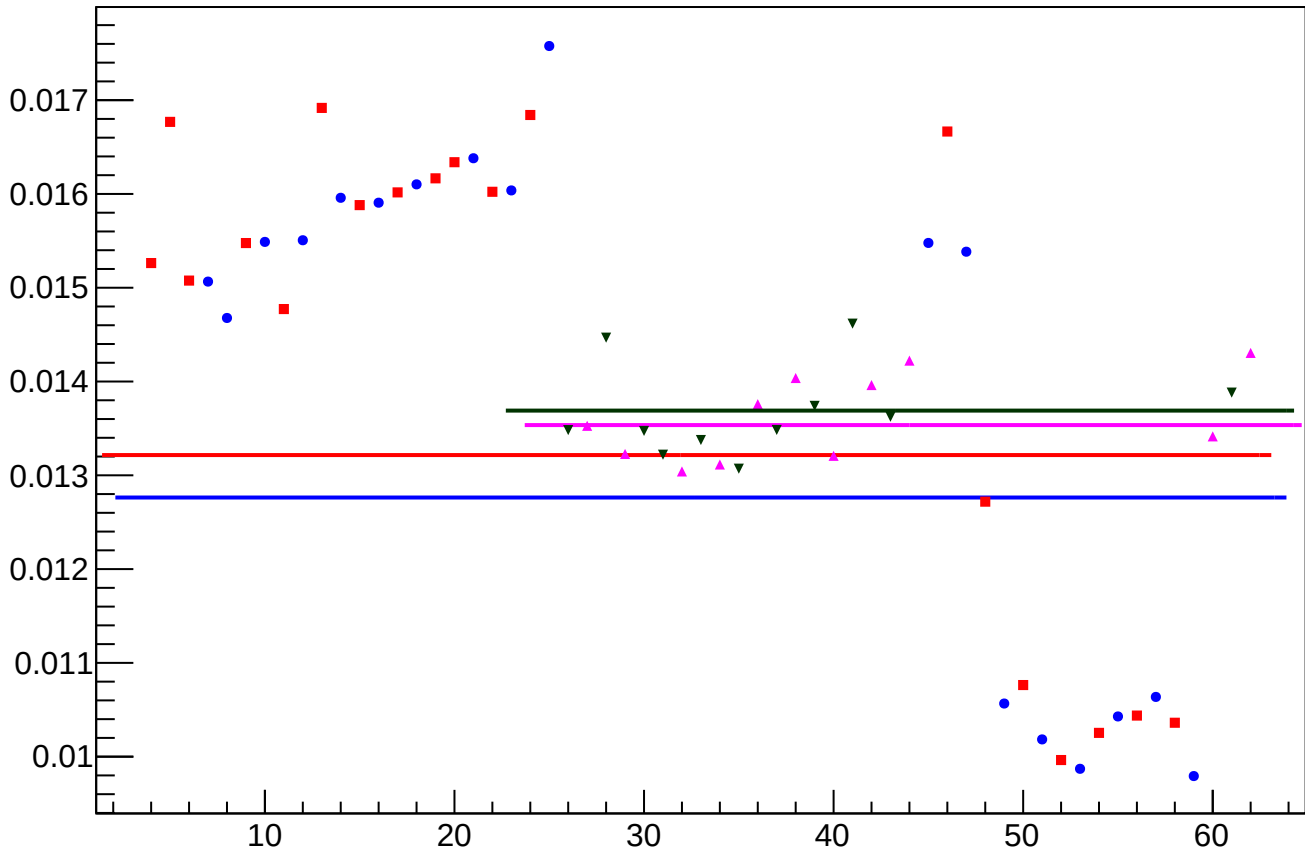
Right Out: 0.878 $\pm$ 0.000 χ^2 /NDF: 92356263.0/18

Left In: 0.903 $\pm$ 0.000 χ^2 /NDF: 39096255.4/10

0.894 $\pm$ 0.000 χ^2 /NDF: 344142643.8/28

0.888 $\pm$ 0.000 χ^2 /NDF: 144568459.4/29

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 :13488.5/10

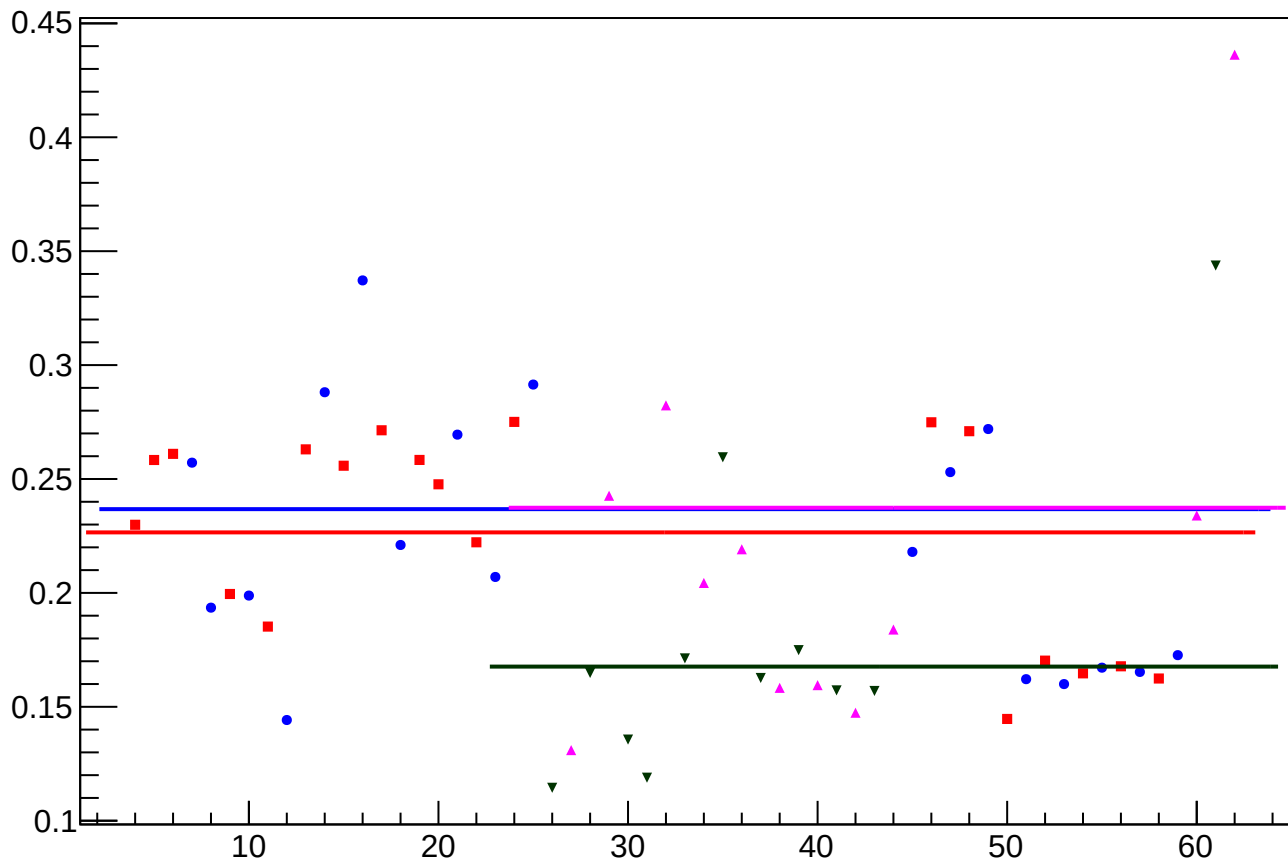
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF :12804.2/10

0.013+/-0.000 χ^2/NDF : 1029281.7/28

0.013+/-0.000 χ^2/NDF : 816007.8/29

yield_bpm0l09Y_mean vs slug



Right In: 0.237+/-0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.168+/-0.000 χ^2/NDF :1504689275.9/10

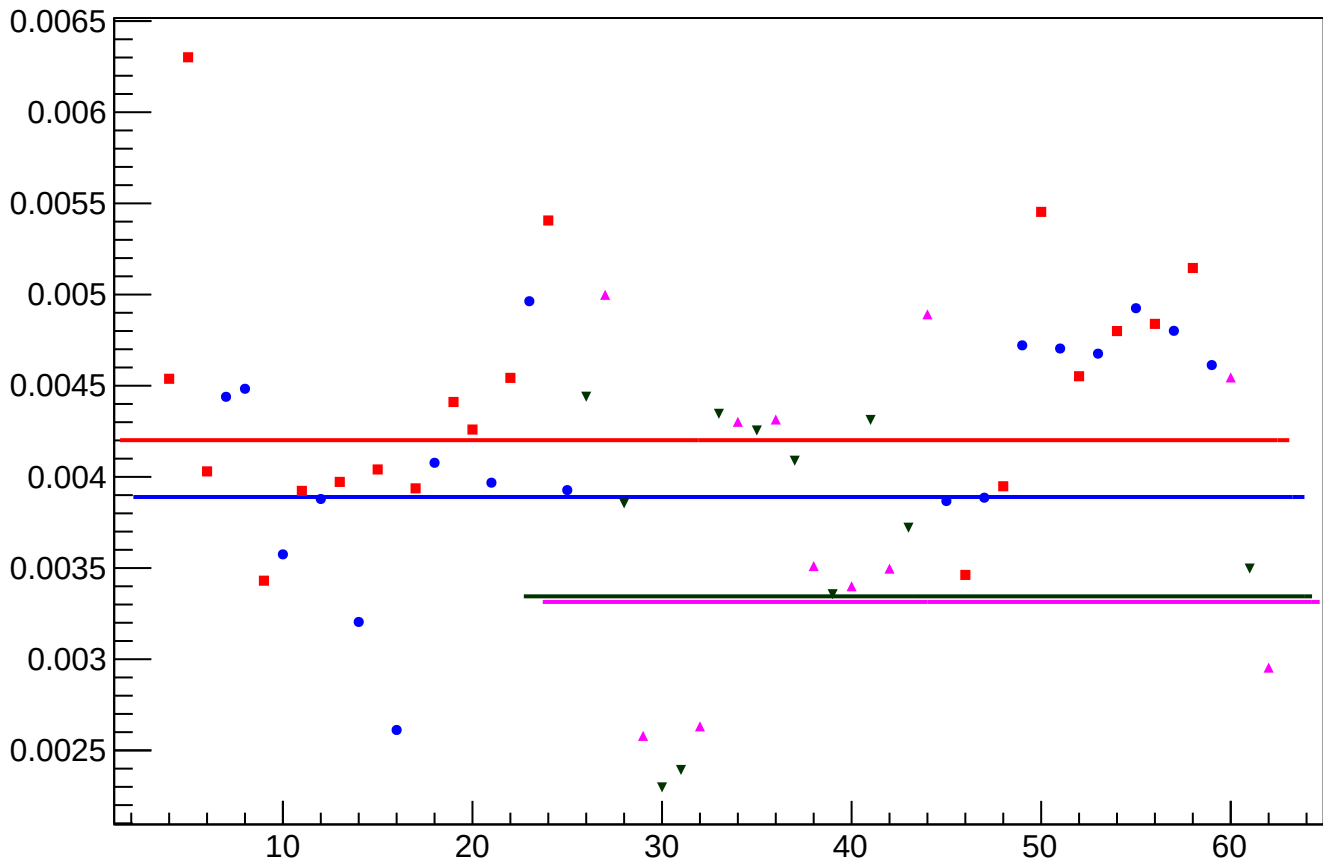
0.209+/-0.000 χ^2/NDF : 5208410733.6/28

Right Out: 0.227+/-0.000 χ^2/NDF : 943883207.4/18

0.232+/-0.000 χ^2/NDF : 4506900107.7/29

Left In: 0.237+/-0.000 χ^2/NDF :3532639938.4/10

yield_bpm0l09Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 695729.3/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:598024.6/10

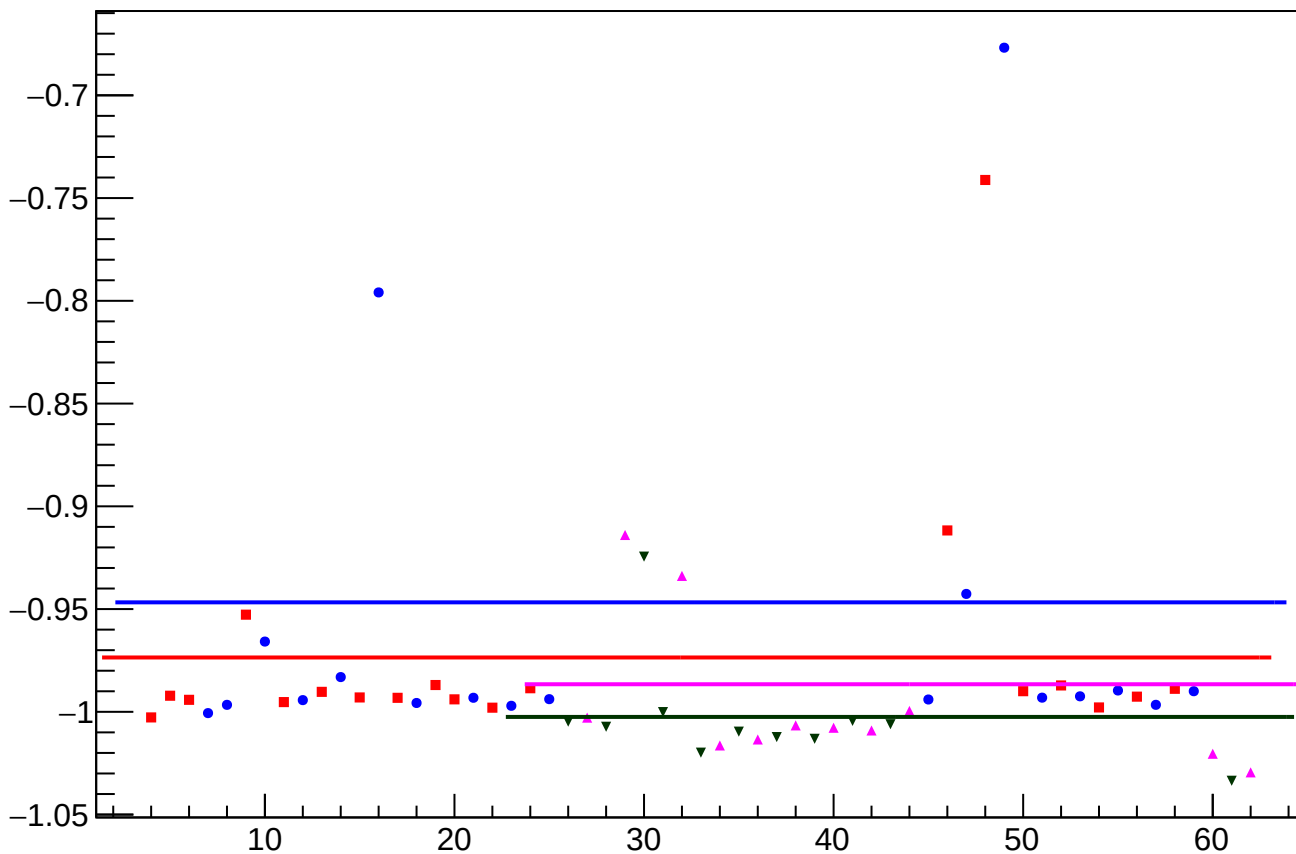
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 341340.8/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:705516.0/10

0.004 $\pm$ 0.000 χ^2 /NDF: 1454340.5/28

0.004 $\pm$ 0.000 χ^2 /NDF: 1455620.2/29

yield_bpm0l10X_mean vs slug



Right In: -0.947 ± 0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.002 ± 0.000 χ^2/NDF : 23260918.5/10

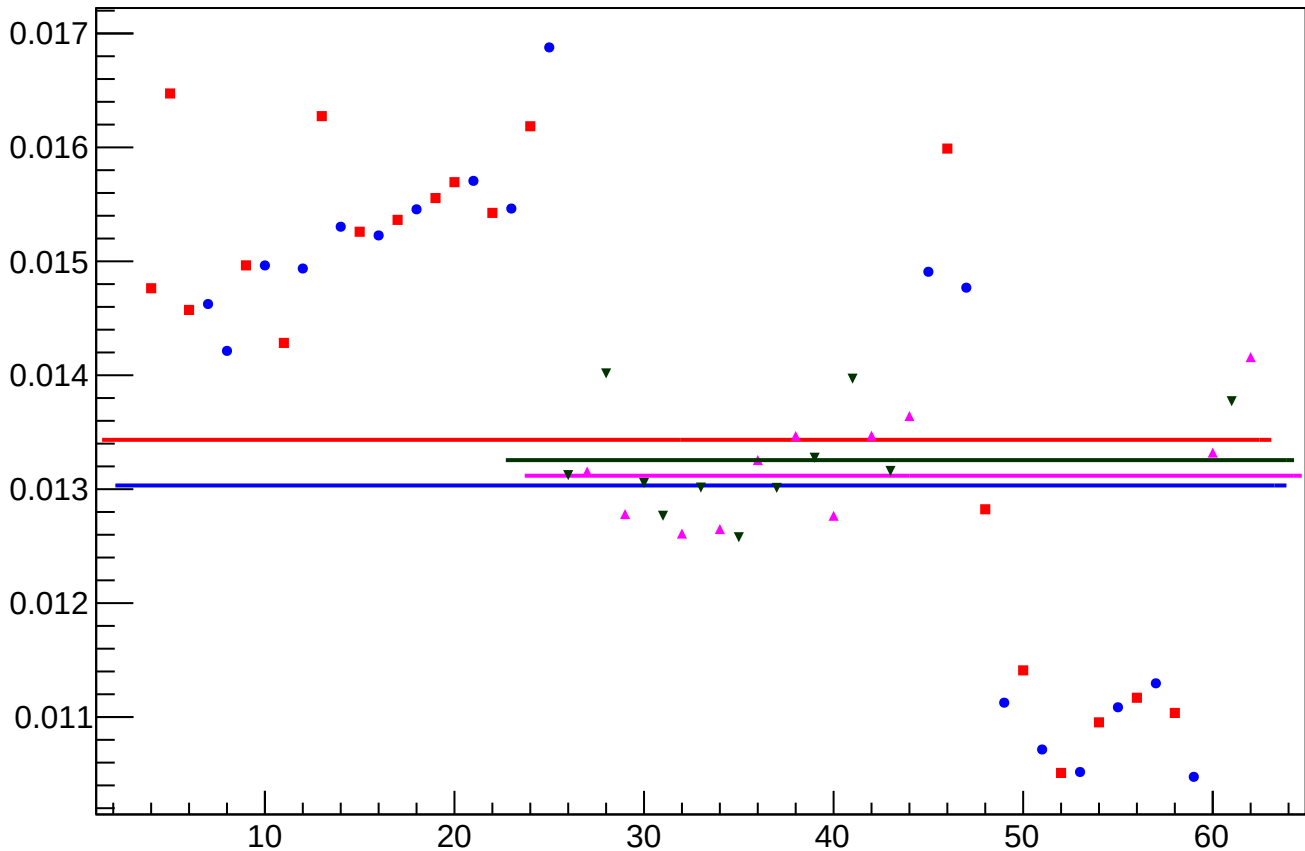
Right Out: -0.974 ± 0.000 χ^2/NDF : 174691792.1/18

Left In: -0.987 ± 0.000 χ^2/NDF : 60551030.5/10

-0.966 ± 0.000 χ^2/NDF : 752214923.6/28

-0.979 ± 0.000 χ^2/NDF : 238960376.1/29

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 : 13527.4/10

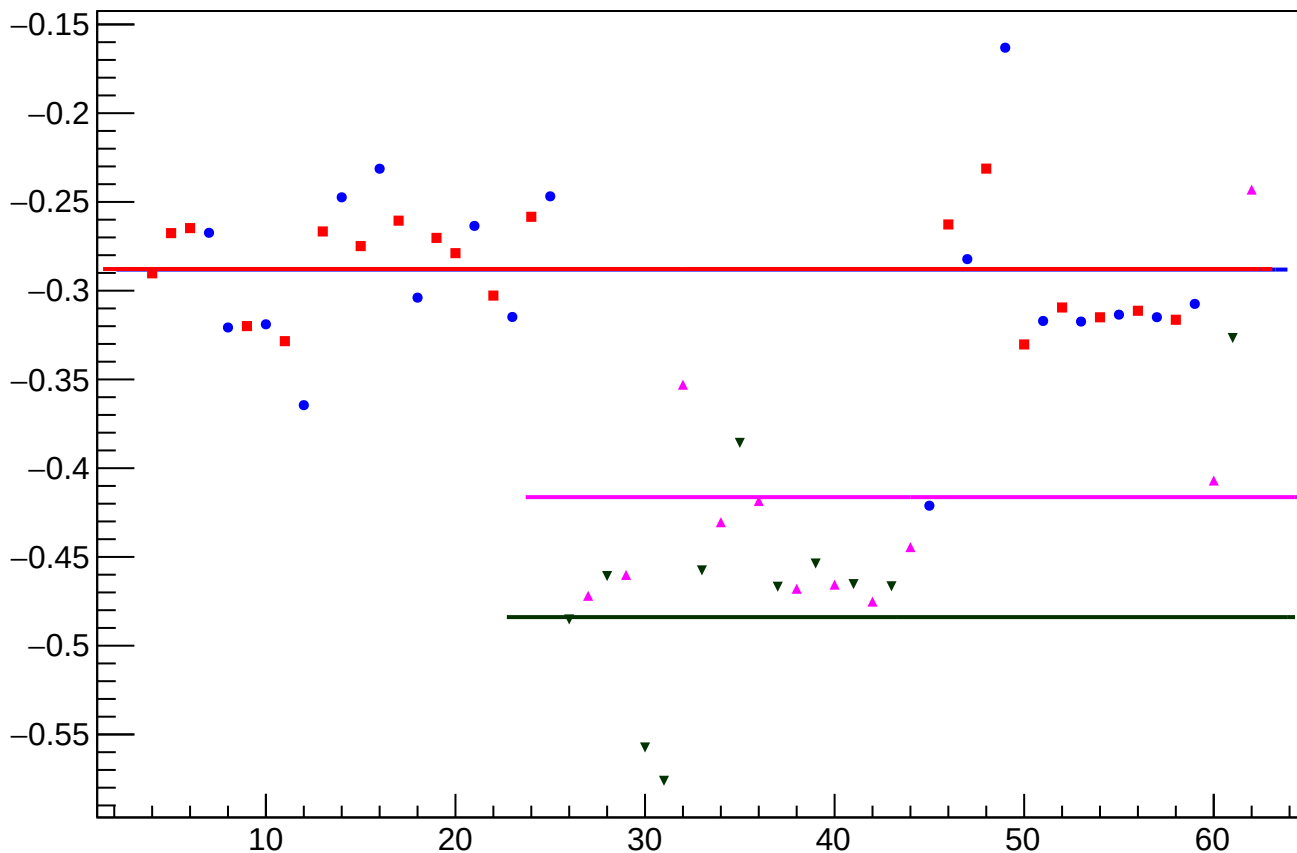
Right Out: 0.013 ± 0.000 χ^2/NDF : 479245.1/18

Left In: 0.013 ± 0.000 χ^2/NDF : 14424.8/10

0.013 ± 0.000 χ^2/NDF : 603483.4/28

0.013 ± 0.000 χ^2/NDF : 498018.1/29

yield_bpm0l10Y_mean vs slug



Right In: -0.288 ± 0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.484 ± 0.000 χ^2/NDF : 2409094498.6/10

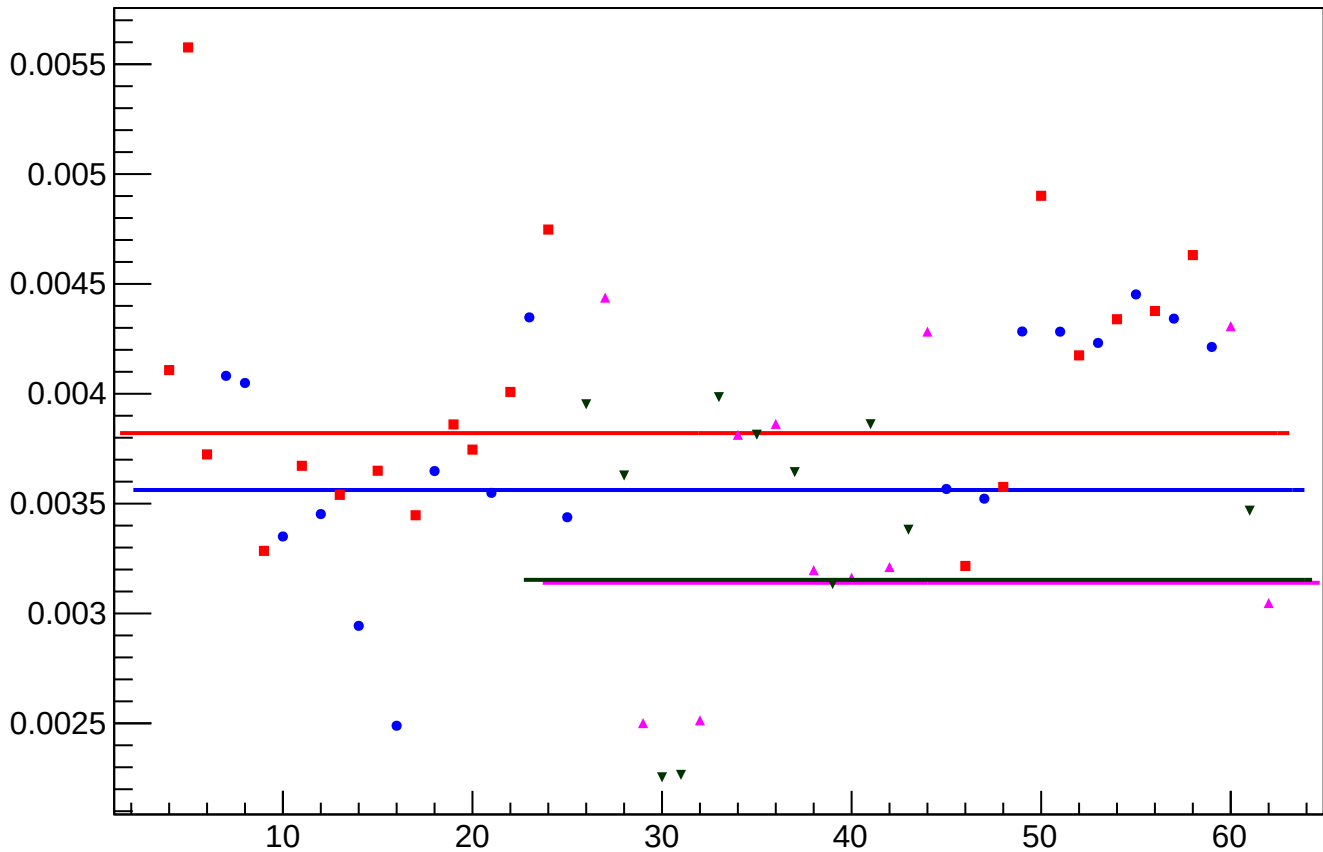
Right Out: -0.288 ± 0.000 χ^2/NDF : 515794849.9/18

Left In: -0.416 ± 0.000 χ^2/NDF : 2777718816.9/10

-0.364 ± 0.000 χ^2/NDF : 17166227253.9/28

-0.351 ± 0.000 χ^2/NDF : 8361880288.9/29

yield_bpm0l10Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 588741.6/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 470680.6/10

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 282191.6/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF: 545362.5/10

0.003 $\pm$ 0.000 χ^2 /NDF: 1165485.8/28

0.003 $\pm$ 0.000 χ^2 /NDF: 1112473.9/29