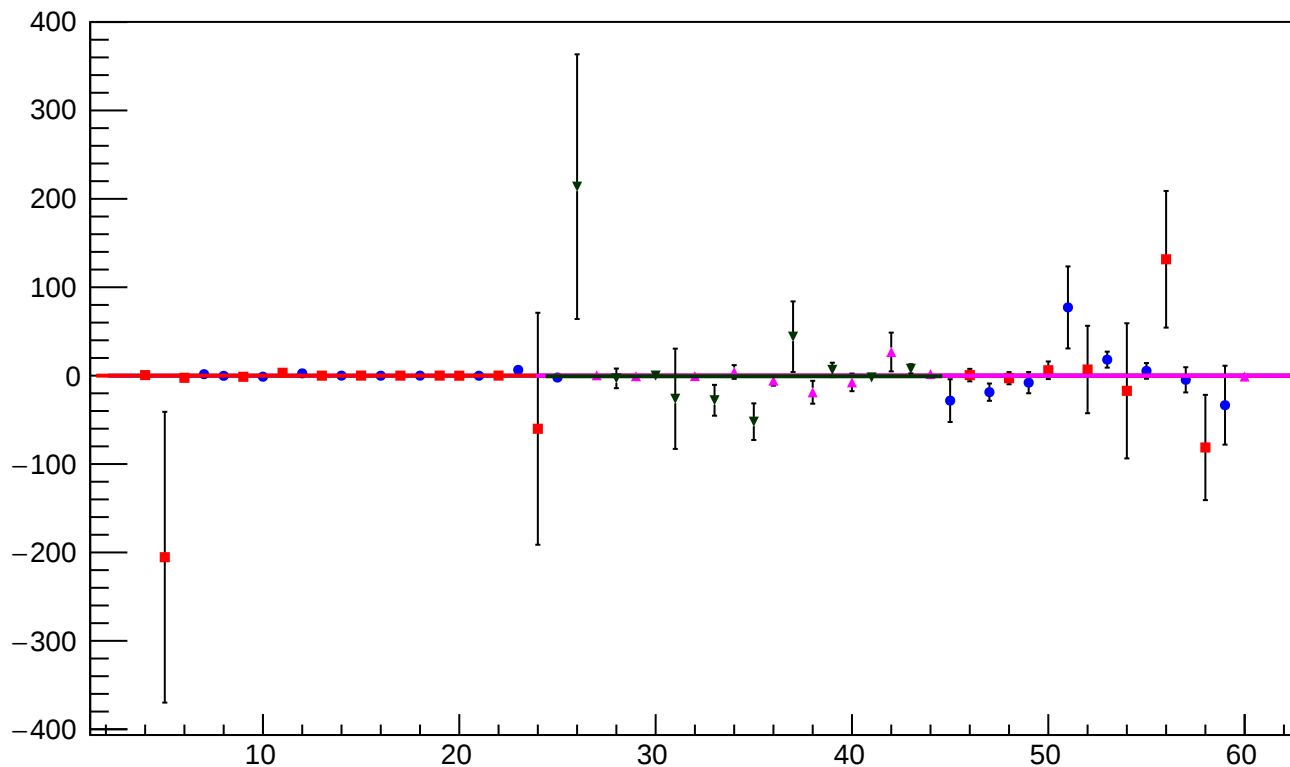


diff_cav4bX_mean vs slug



Right In: -0.014 $\pm$ 0.014

Left Out: -0.705 $\pm$ 1.554

Right Out: 0.017 $\pm$ 0.016

Left In: -0.095 $\pm$ 0.167

χ^2 /NDF: 31.2/17

χ^2 /NDF: 16.1/9

χ^2 /NDF: 24.7/18

χ^2 /NDF: 15.8/9

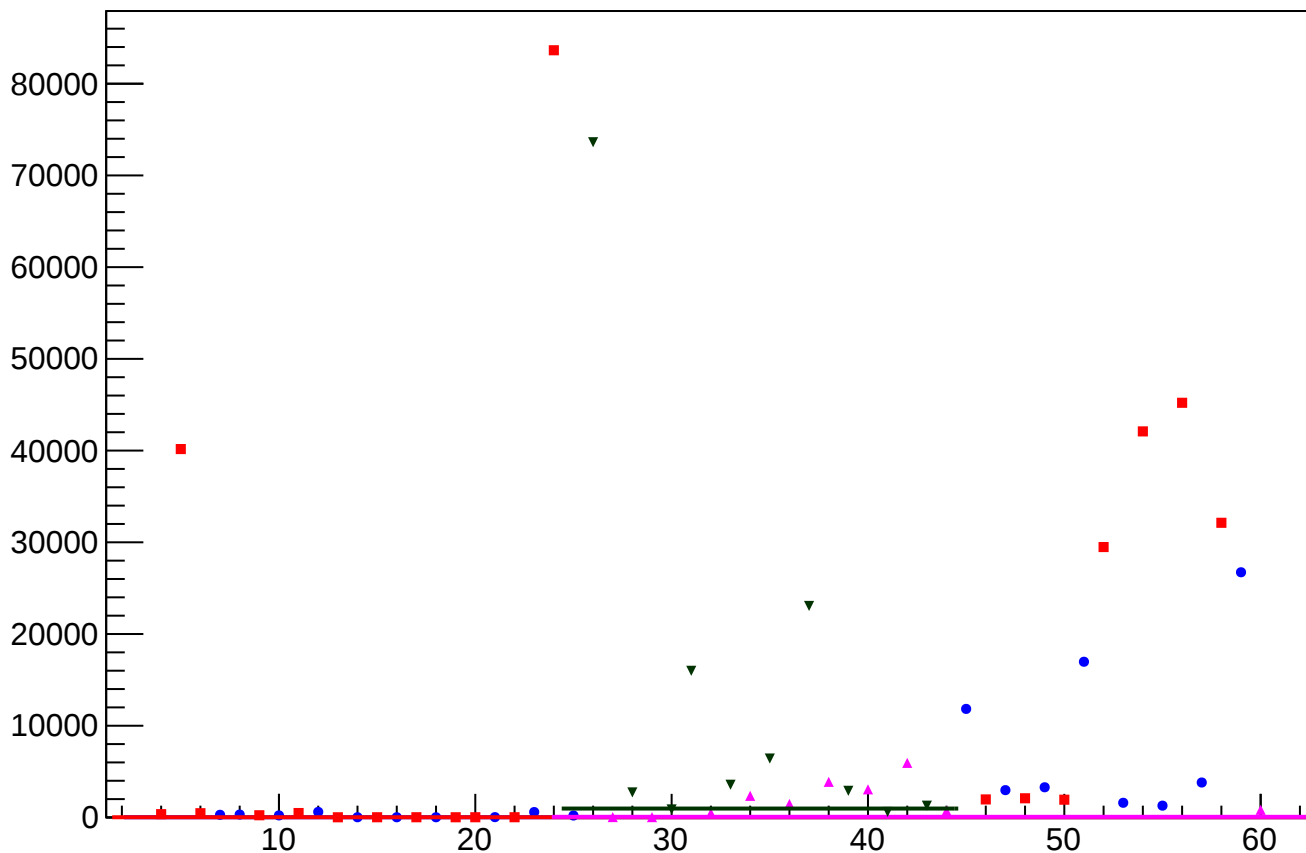
-0.014 $\pm$ 0.014

0.016 $\pm$ 0.016

χ^2 /NDF: 47.5/27

χ^2 /NDF: 41.0/28

diff_cav4bX_rms vs slug



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

Left Out: 971.291+/-1.099 χ^2/NDF :1644176.9/9

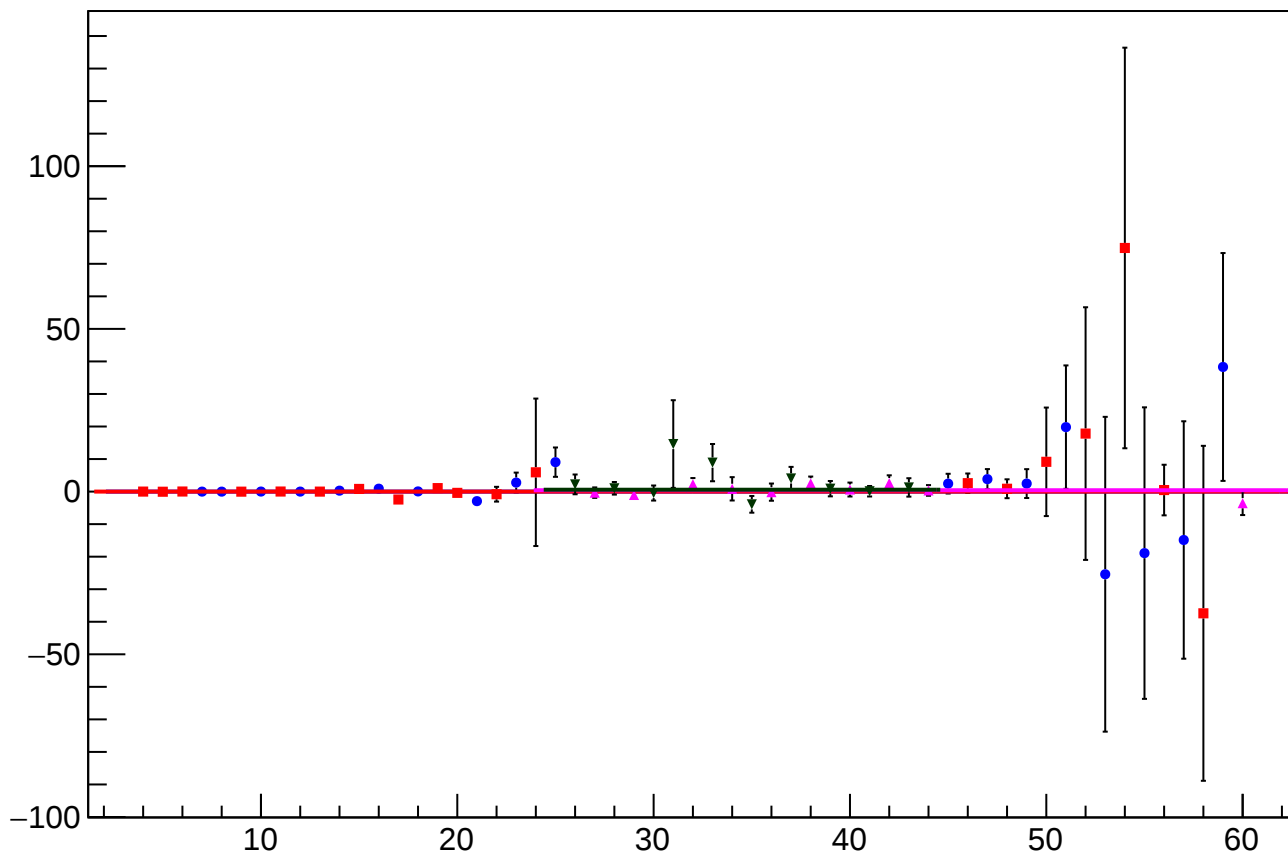
Right Out: 22.611+/-0.011 χ^2/NDF : 4395534.2/18

Left In: 69.671+/-0.118 χ^2/NDF :2019569.2/9

22.510+/-0.010 χ^2/NDF : 5194489.9/27

23.045+/-0.011 χ^2/NDF : 6571842.1/28

diff_cav4bY_mean vs slug



Right In: -0.001 $\pm$ 0.006 χ^2 /NDF: 23.6/17

Left Out: 0.573 $\pm$ 0.812 χ^2 /NDF: 7.9/9

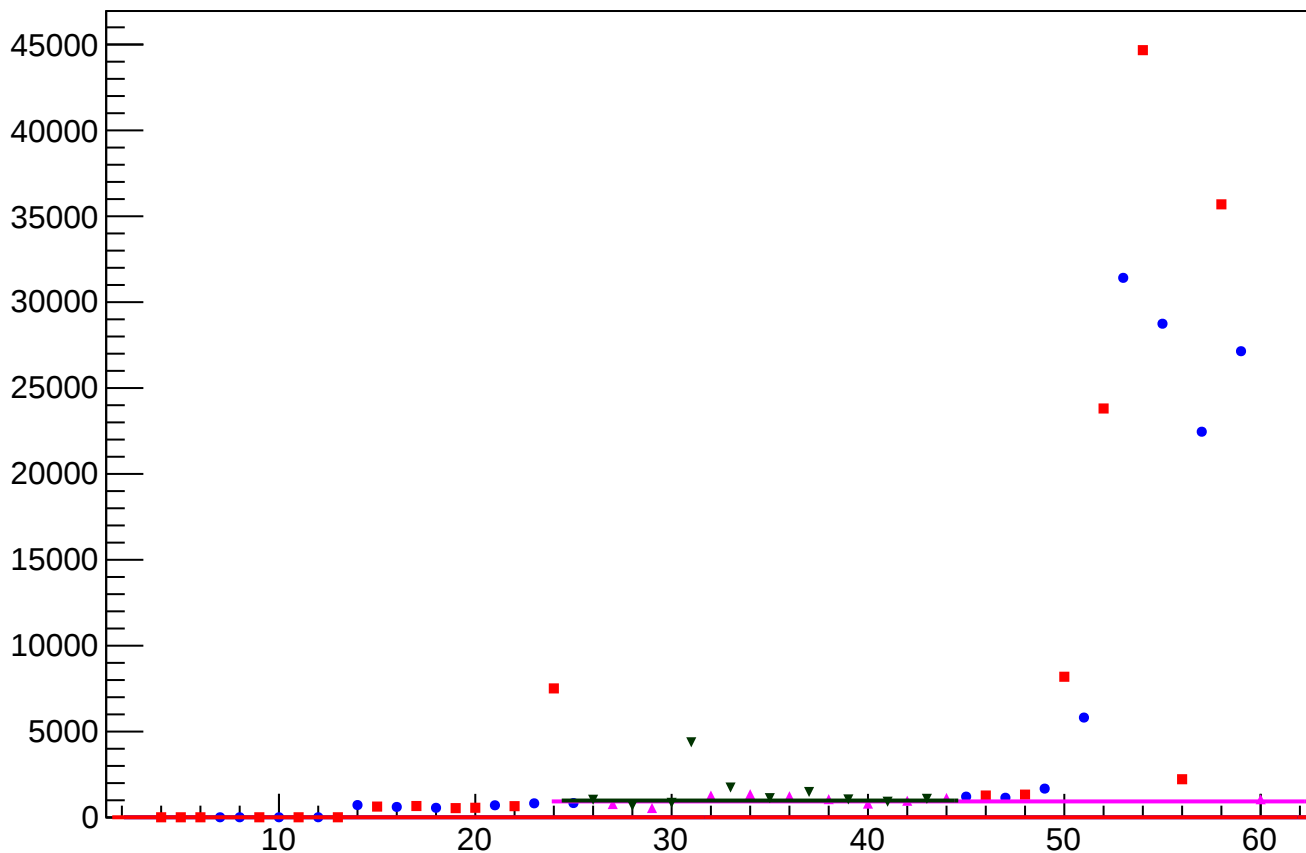
Right Out: 0.002 $\pm$ 0.005 χ^2 /NDF: 20.3/18

Left In: 0.417 $\pm$ 0.631 χ^2 /NDF: 5.5/9

-0.001 $\pm$ 0.006 χ^2 /NDF: 32.0/27

0.002 $\pm$ 0.005 χ^2 /NDF: 26.3/28

diff_cav4bY_rms vs slug



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

Left Out: 984.552+/-0.574 χ^2/NDF : 269608.6/9

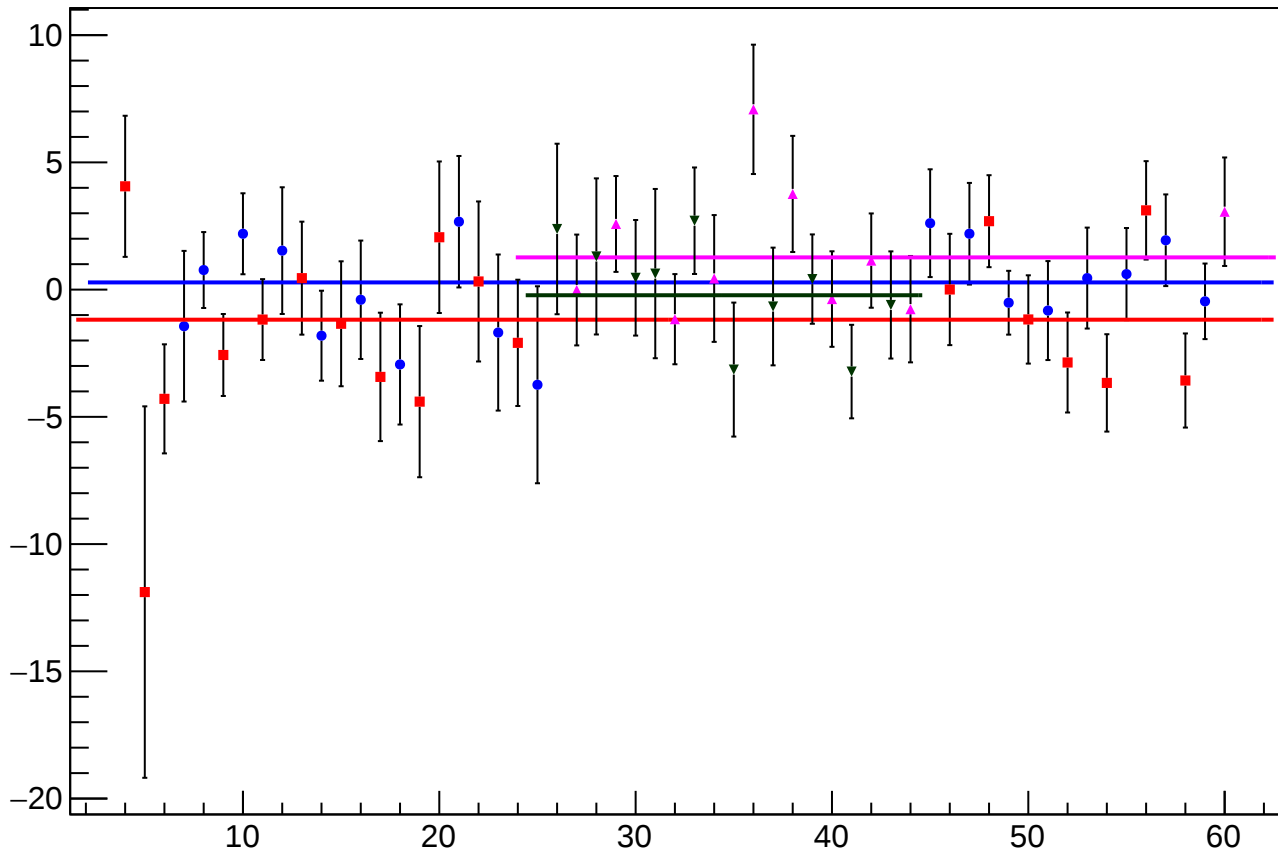
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 933.531+/-0.446 χ^2/NDF : 351437.1/9

10.569+/-0.005 χ^2/NDF : 12109321.5/27

10.155+/-0.004 χ^2/NDF : 11390502.0/28

diff_cav4cX_mean vs slug



Right In: 0.283 ± 0.455 $\chi^2/\text{NDF}: 11.8/17$

Left Out: -0.221 ± 0.728 $\chi^2/\text{NDF}: 7.1/9$

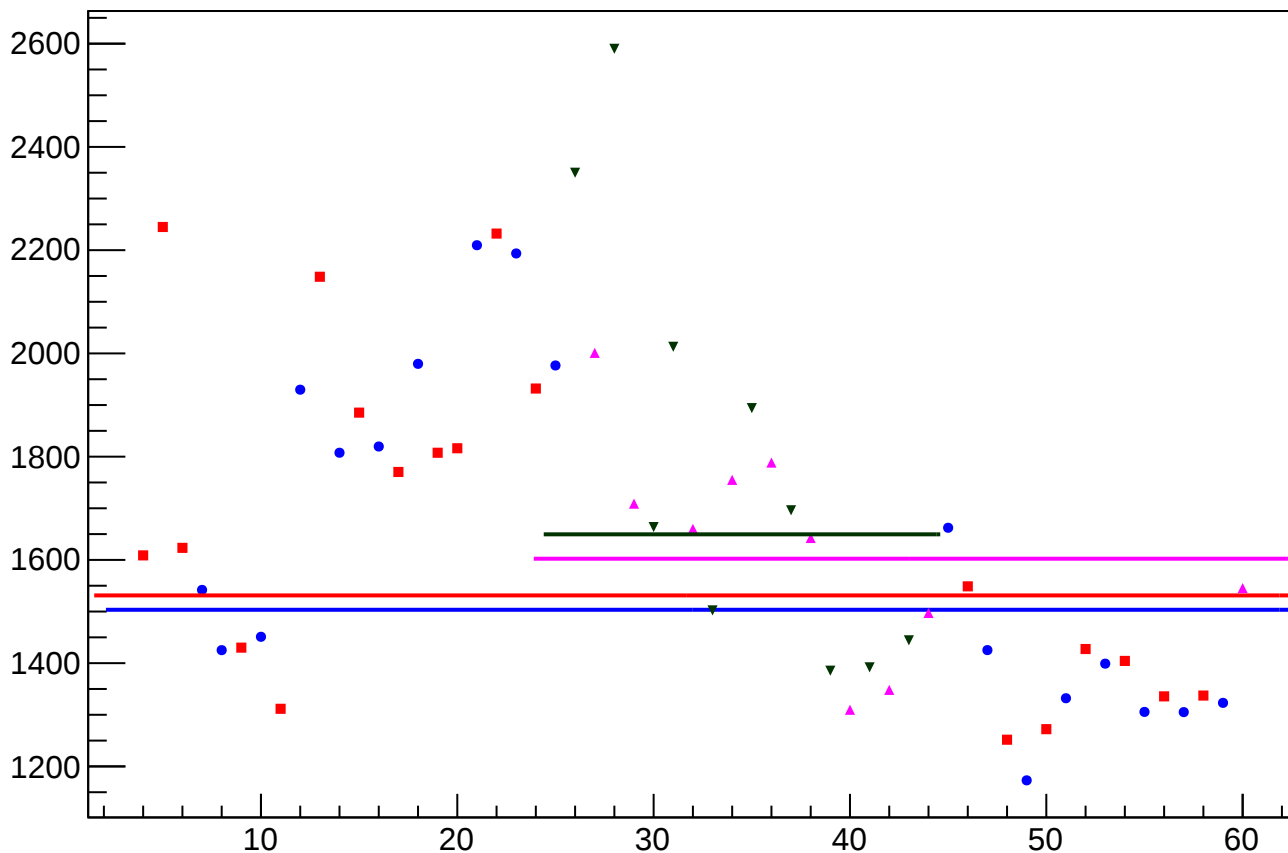
Right Out: -1.182 ± 0.494 $\chi^2/\text{NDF}: 26.5/18$

Left In: 1.266 ± 0.653 $\chi^2/\text{NDF}: 11.7/9$

0.141 ± 0.386 $\chi^2/\text{NDF}: 19.2/27$

-0.292 ± 0.394 $\chi^2/\text{NDF}: 47.2/28$

diff_cav4cX_rms vs slug



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

Left Out: 1649.544+/-0.515 χ^2/NDF : 430962.0/9

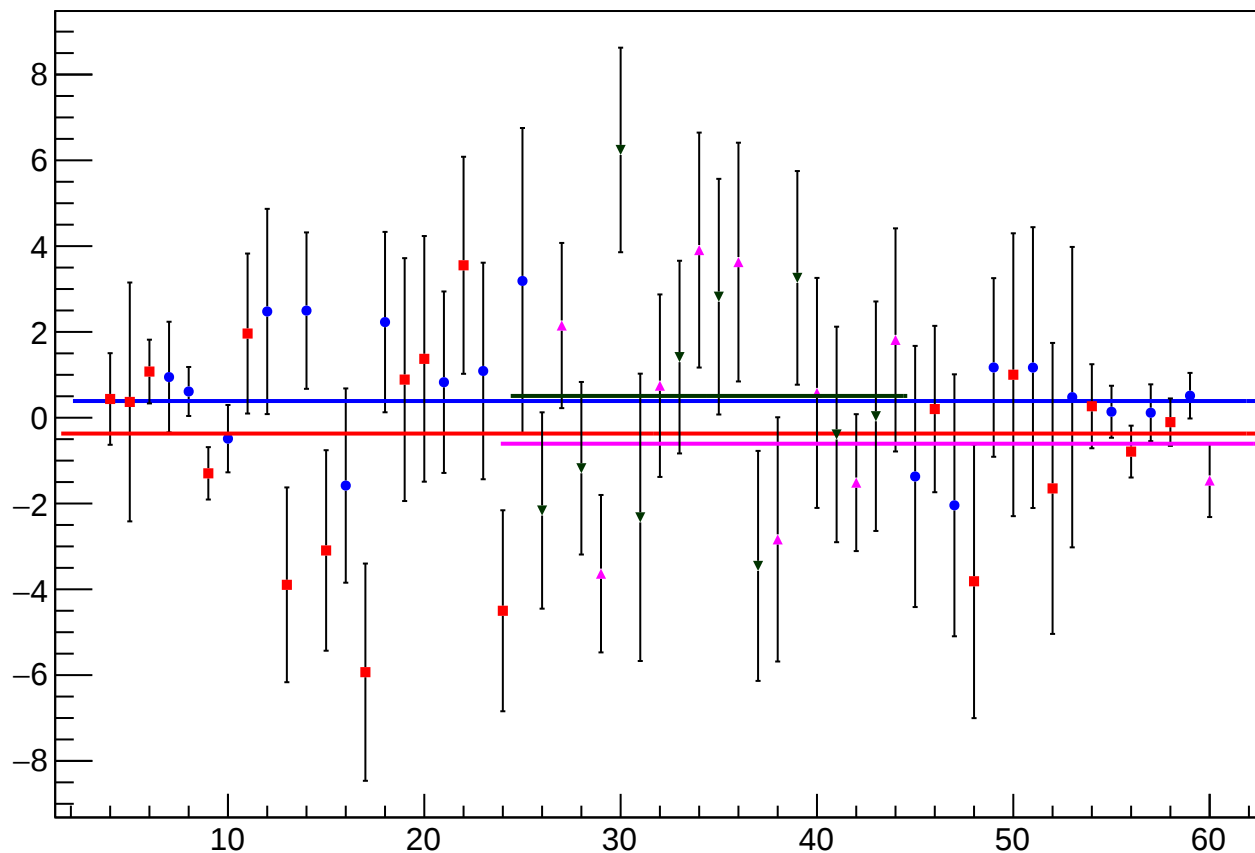
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1602.331+/-0.462 χ^2/NDF : 187178.0/9

1544.480+/-0.273 χ^2/NDF : 1265625.7/27

1557.062+/-0.278 χ^2/NDF : 823577.8/28

diff_cav4cY_mean vs slug



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

Left Out: 0.508 ± 0.783 χ^2/NDF : 13.0/9

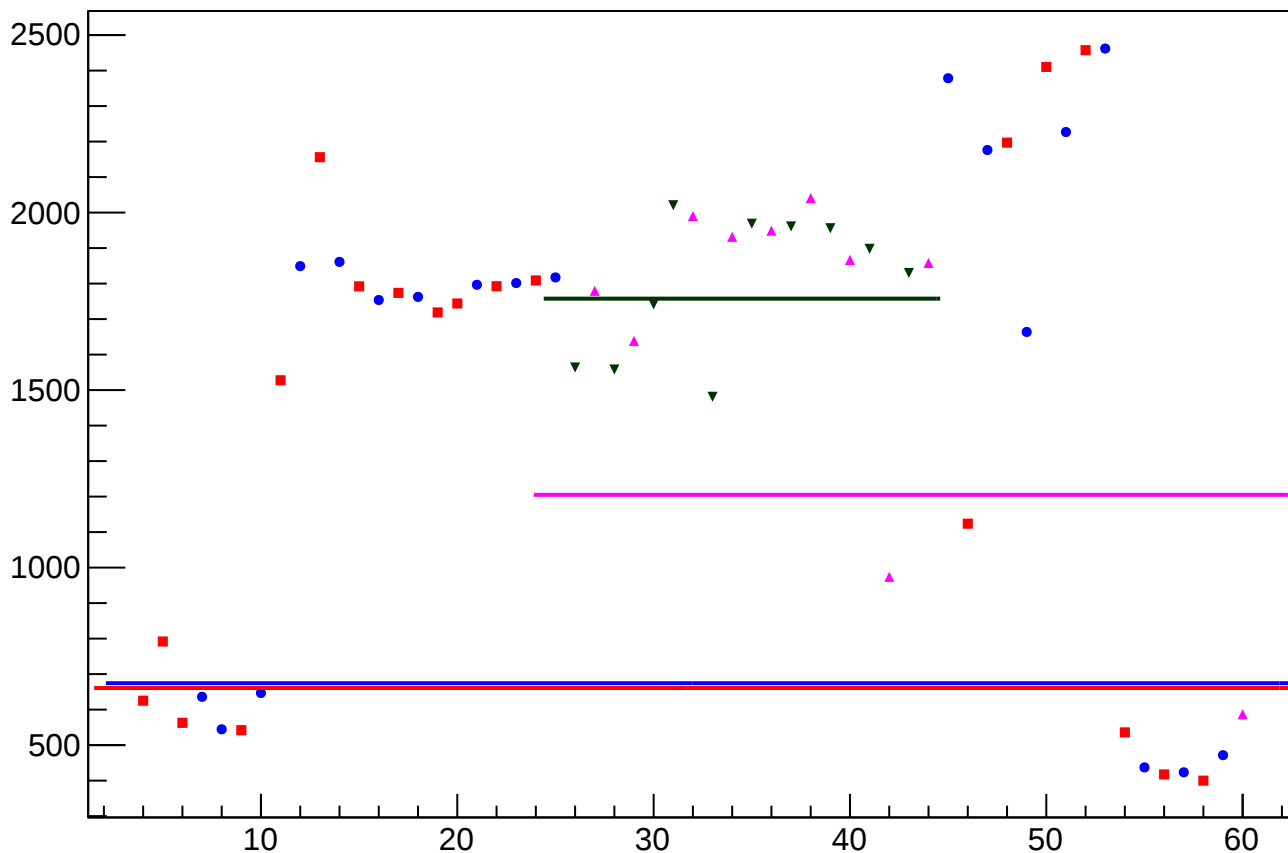
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.606 ± 0.556 χ^2/NDF : 13.2/9

0.400 ± 0.239 χ^2/NDF : 20.5/27

-0.412 ± 0.237 χ^2/NDF : 39.0/28

diff_cav4cY_rms vs slug



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

Left Out: 1757.602+/-0.553 χ^2/NDF :120517.6/9

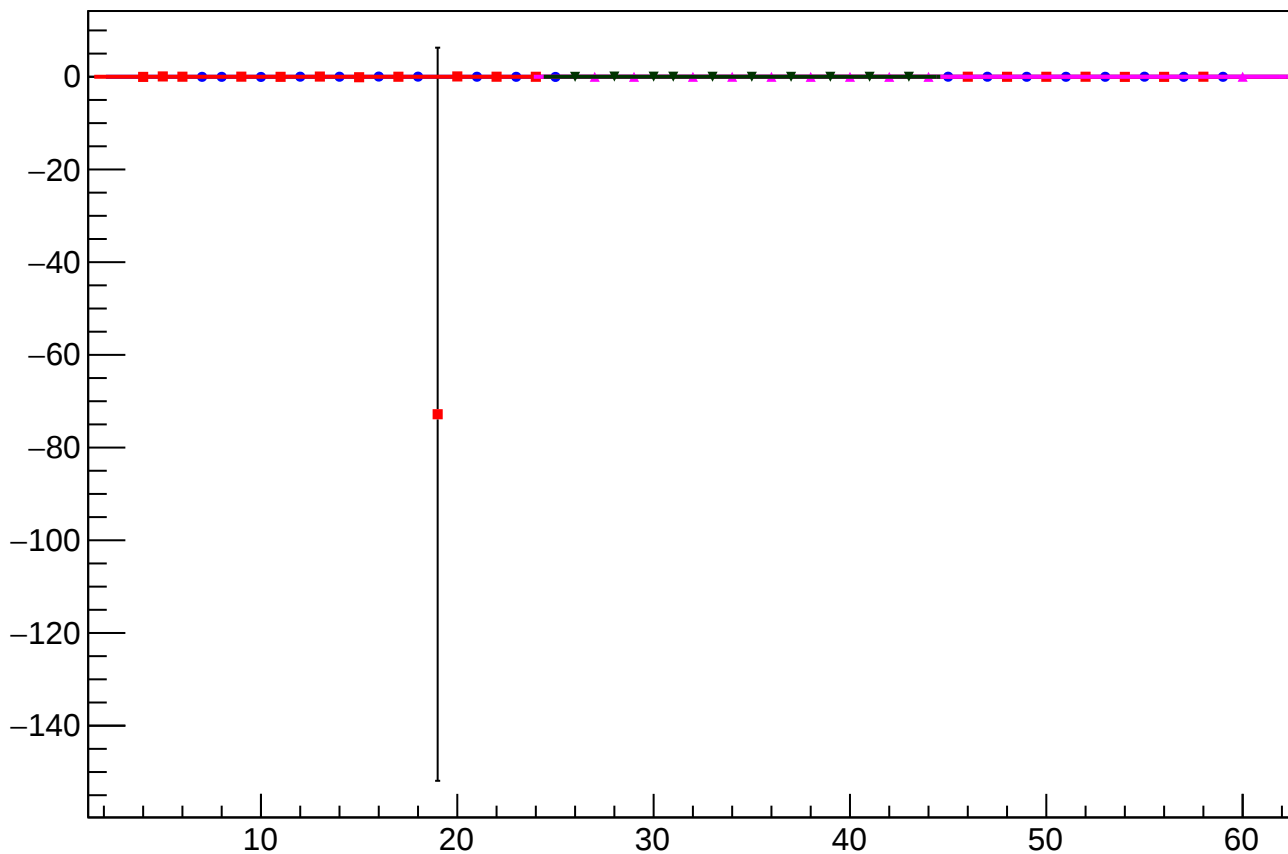
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1204.996+/-0.393 χ^2/NDF :2360724.2/9

775.717+/-0.169 χ^2/NDF : 10606960.4/27

759.901+/-0.168 χ^2/NDF : 10149006.6/28

diff_cav4dX_mean vs slug



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

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.6/9

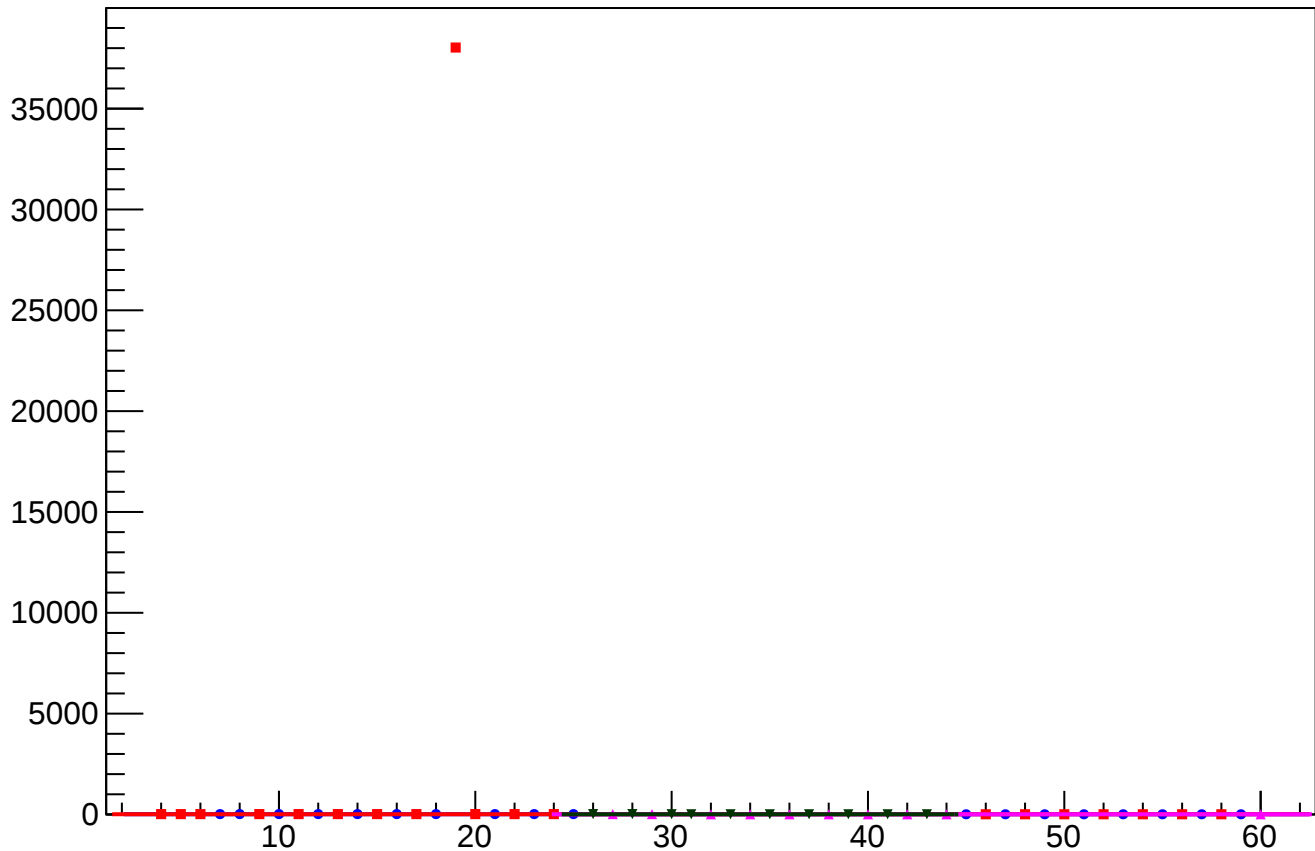
Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 20.0/18

Left In: -0.002 $\pm$ 0.004 χ^2 /NDF: 3.0/9

0.000 $\pm$ 0.003 χ^2 /NDF: 20.6/27

0.000 $\pm$ 0.003 χ^2 /NDF: 23.4/28

diff_cav4dX_rms vs slug



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

Left Out: 9.339 $\pm$ 0.003 χ^2 /NDF: 592494.4/9

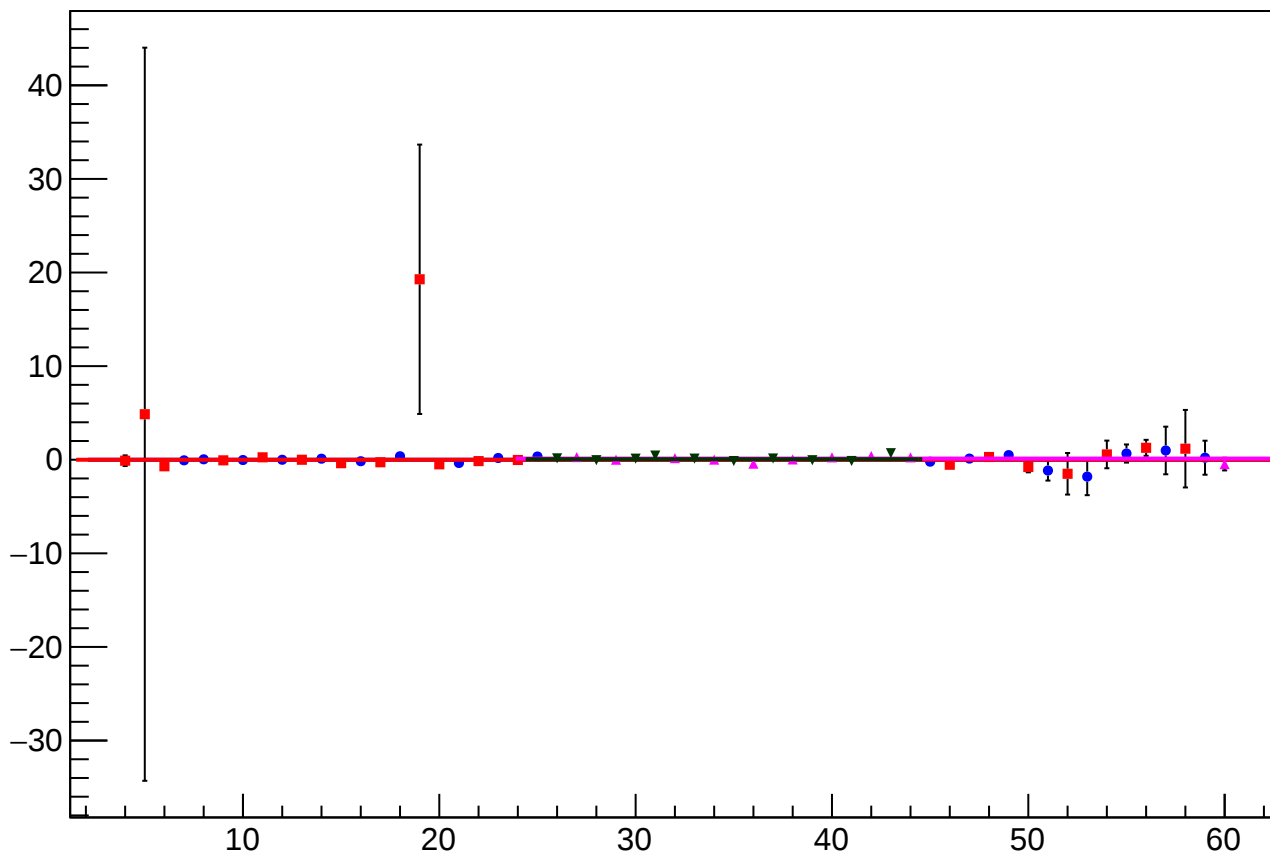
Right Out: 11.097 $\pm$ 0.003 χ^2 /NDF: 2257827.7/18

Left In: 9.290 $\pm$ 0.003 χ^2 /NDF: 761047.1/9

10.061 $\pm$ 0.002 χ^2 /NDF: 2647186.9/27

10.145 $\pm$ 0.002 χ^2 /NDF: 3221538.8/28

diff_cav4dY_mean vs slug



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

Left Out: 0.055 ± 0.058 χ^2/NDF : 11.5/9

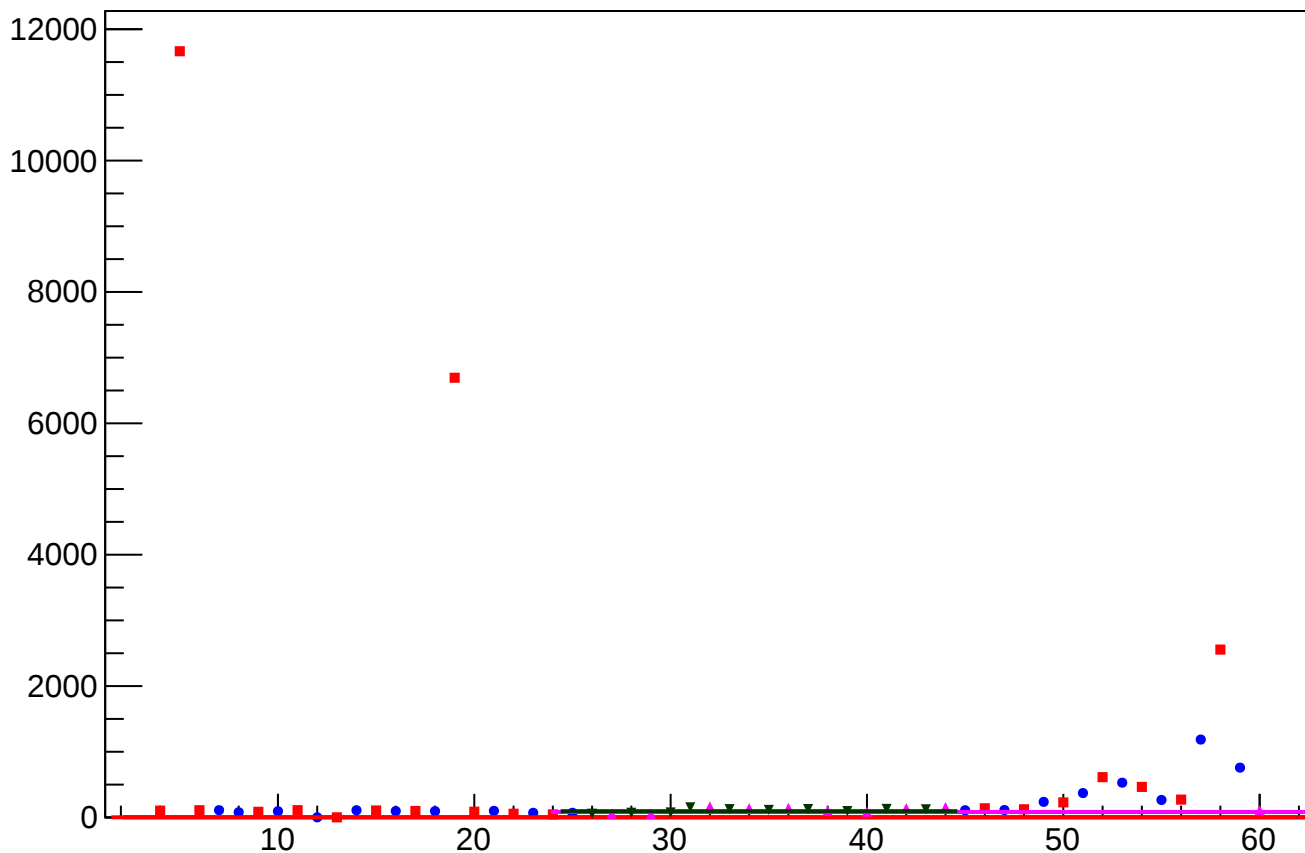
Right Out: -0.003 ± 0.003 χ^2/NDF : 21.1/18

Left In: 0.123 ± 0.053 χ^2/NDF : 10.5/9

-0.002 ± 0.003 χ^2/NDF : 33.4/27

-0.002 ± 0.003 χ^2/NDF : 37.2/28

diff_cav4dY_rms vs slug



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

Left Out: 95.280+/-0.041 χ^2/NDF : 442454.1/9

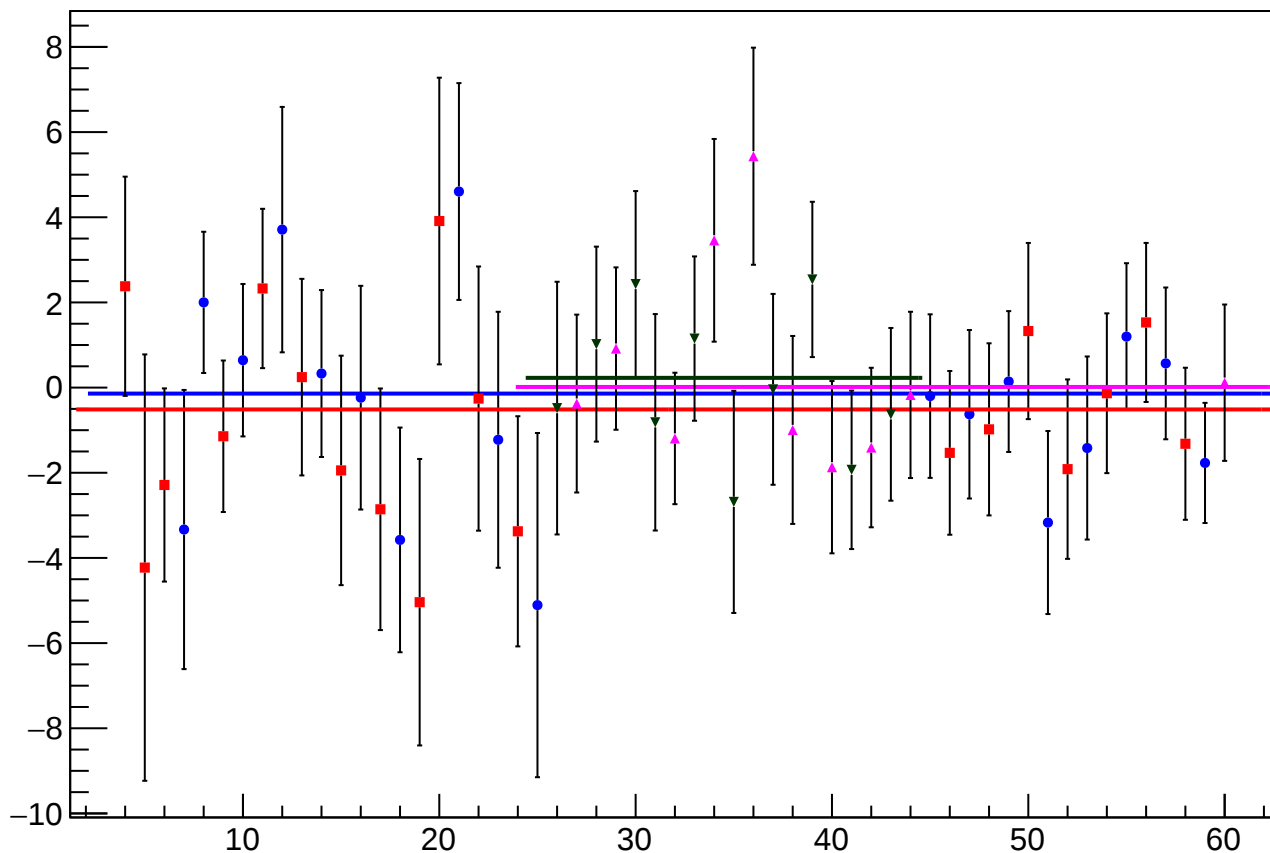
Right Out: 2.101+/-0.002 χ^2/NDF : 6716516.3/18

Left In: 83.067+/-0.038 χ^2/NDF : 1082614.3/9

2.476+/-0.002 χ^2/NDF : 14737612.2/27

2.362+/-0.002 χ^2/NDF : 12431384.6/28

diff_bpm4aX_mean vs slug



Right In: -0.141 ± 0.485 $\chi^2/\text{NDF}: 16.0/17$

-0.018 ± 0.397 $\chi^2/\text{NDF}: 22.2/27$

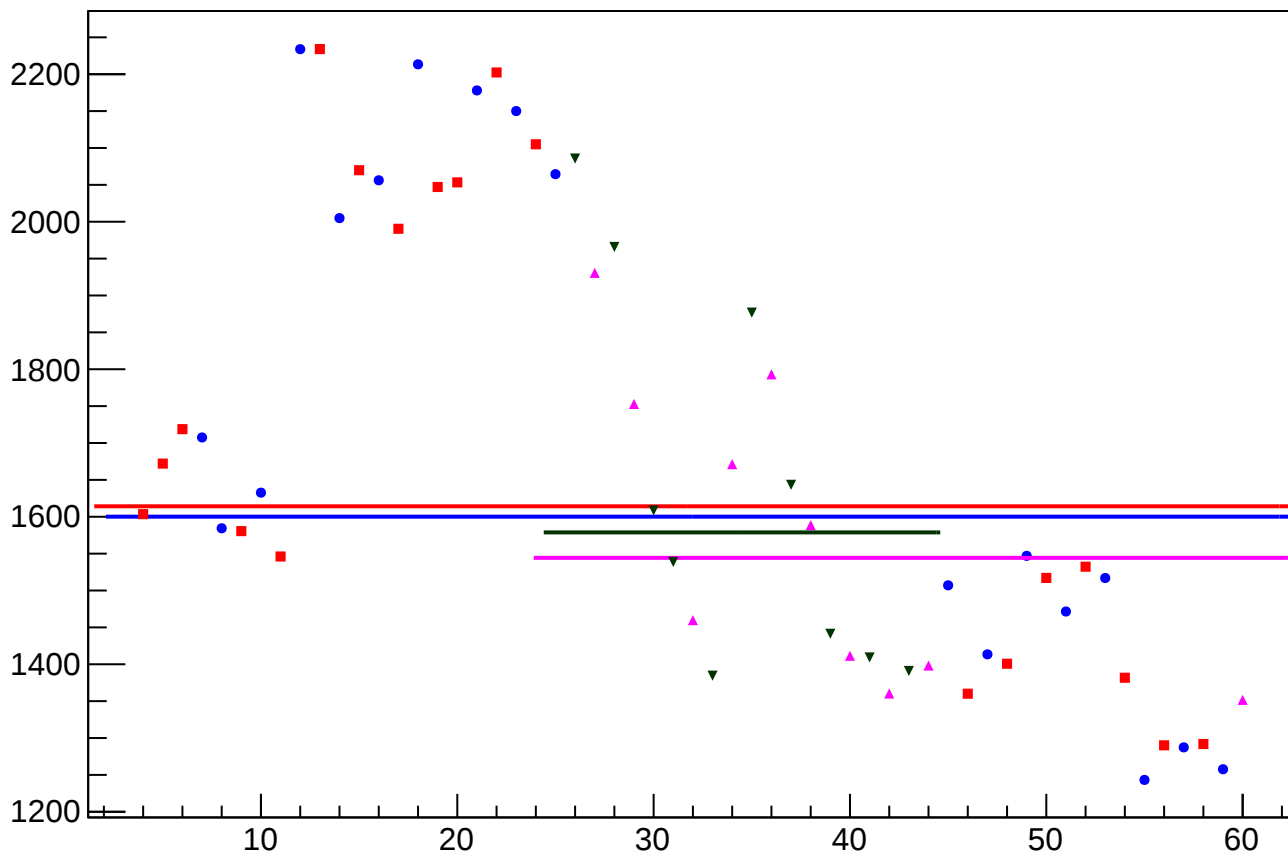
Left Out: 0.229 ± 0.687 $\chi^2/\text{NDF}: 6.0/9$

Right Out: -0.513 ± 0.519 $\chi^2/\text{NDF}: 13.6/18$

-0.298 ± 0.400 $\chi^2/\text{NDF}: 23.2/28$

Left In: 0.015 ± 0.626 $\chi^2/\text{NDF}: 9.1/9$

diff_bpm4aX_rms vs slug



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

Left Out: 1578.790+/-0.486 χ^2/NDF :209553.9/9

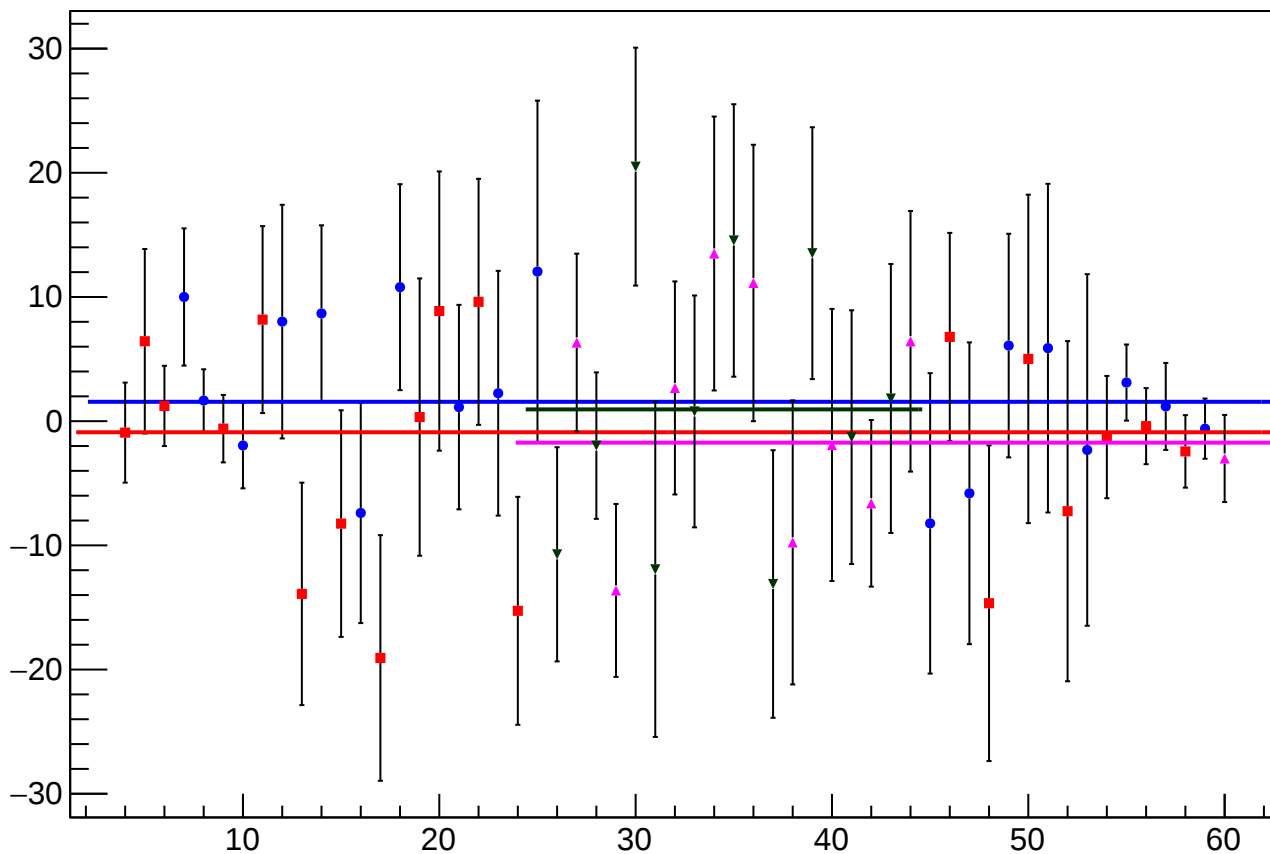
Right Out: 1614.182+/-0.367 χ^2/NDF : 670373.5/18

Left In: 1544.291+/-0.443 χ^2/NDF :185048.2/9

1593.017+/-0.280 χ^2/NDF : 1060592.2/27

1585.735+/-0.283 χ^2/NDF : 870185.3/28

diff_bpm4aY_mean vs slug



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

Left Out: 0.949 ± 2.951 $\chi^2/\text{NDF}: 12.0/9$

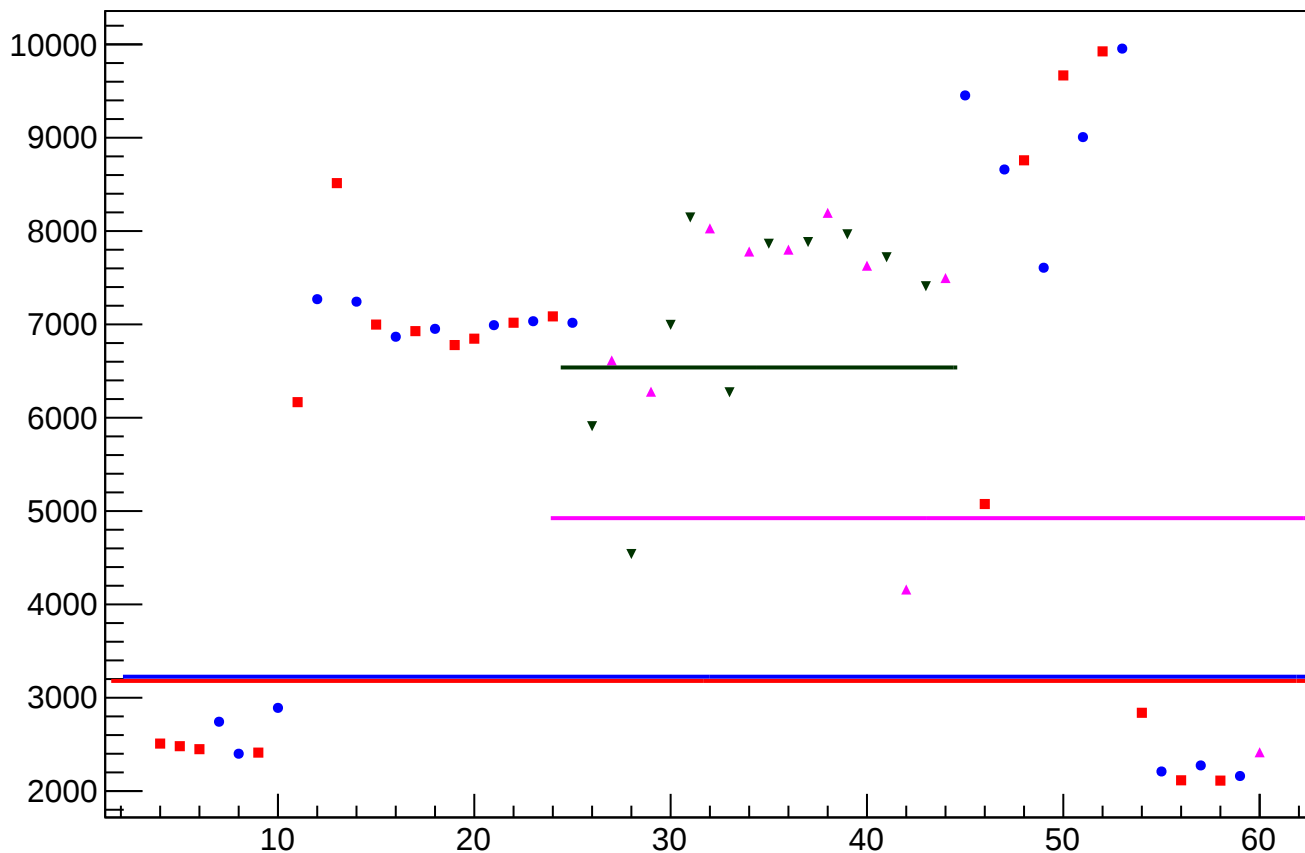
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: -1.729 ± 2.244 $\chi^2/\text{NDF}: 9.5/9$

1.480 ± 1.070 $\chi^2/\text{NDF}: 22.2/27$

-1.077 ± 1.056 $\chi^2/\text{NDF}: 25.7/28$

diff_bpm4aY_rms vs slug



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

Left Out: 6538.498+/-2.087 χ^2/NDF :414494.7/9

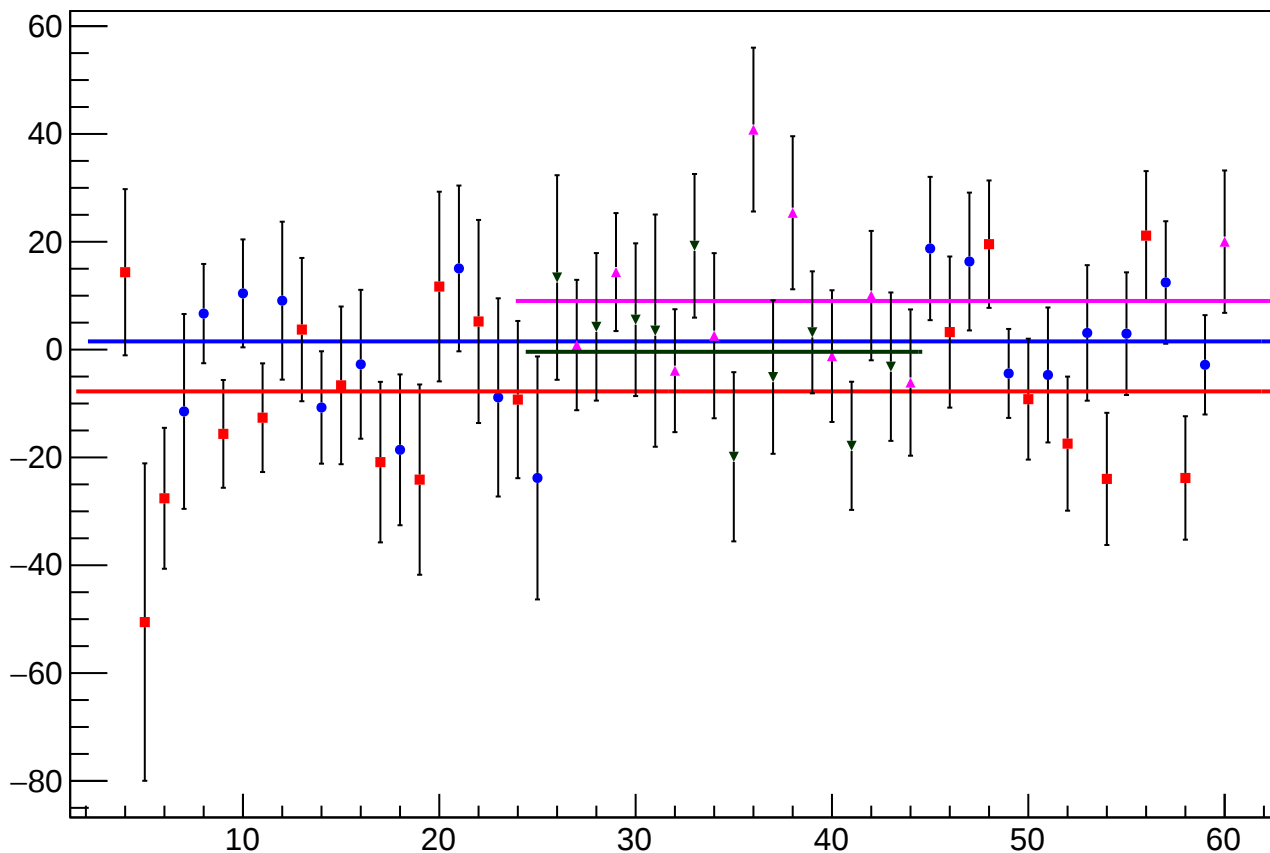
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4924.056+/-1.587 χ^2/NDF :2171333.7/9

3661.067+/-0.757 χ^2/NDF : 8464732.9/27

3566.345+/-0.747 χ^2/NDF : 8165079.4/28

diff_bpm4eX_mean vs slug



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

Left Out: -0.408 ± 4.470 $\chi^2/\text{NDF}: 7.0/9$

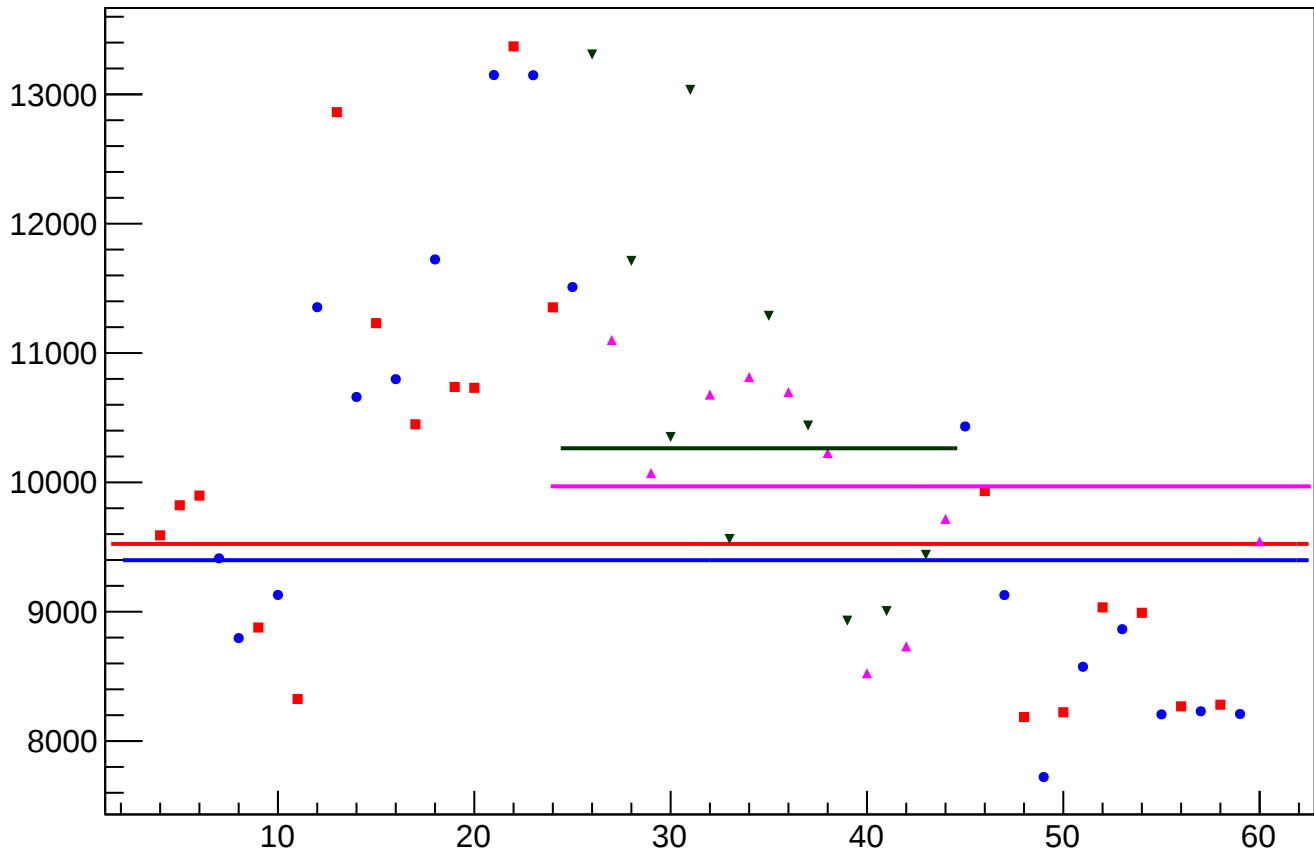
Right Out: -7.752 ± 3.046 $\chi^2/\text{NDF}: 27.5/18$

Left In: 9.021 ± 4.040 $\chi^2/\text{NDF}: 10.5/9$

0.968 ± 2.392 $\chi^2/\text{NDF}: 19.9/27$

-1.675 ± 2.432 $\chi^2/\text{NDF}: 49.0/28$

diff_bpm4eX_rms vs slug



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

Left Out: 10263.647+/-3.161 χ^2/NDF : 178797.8/9

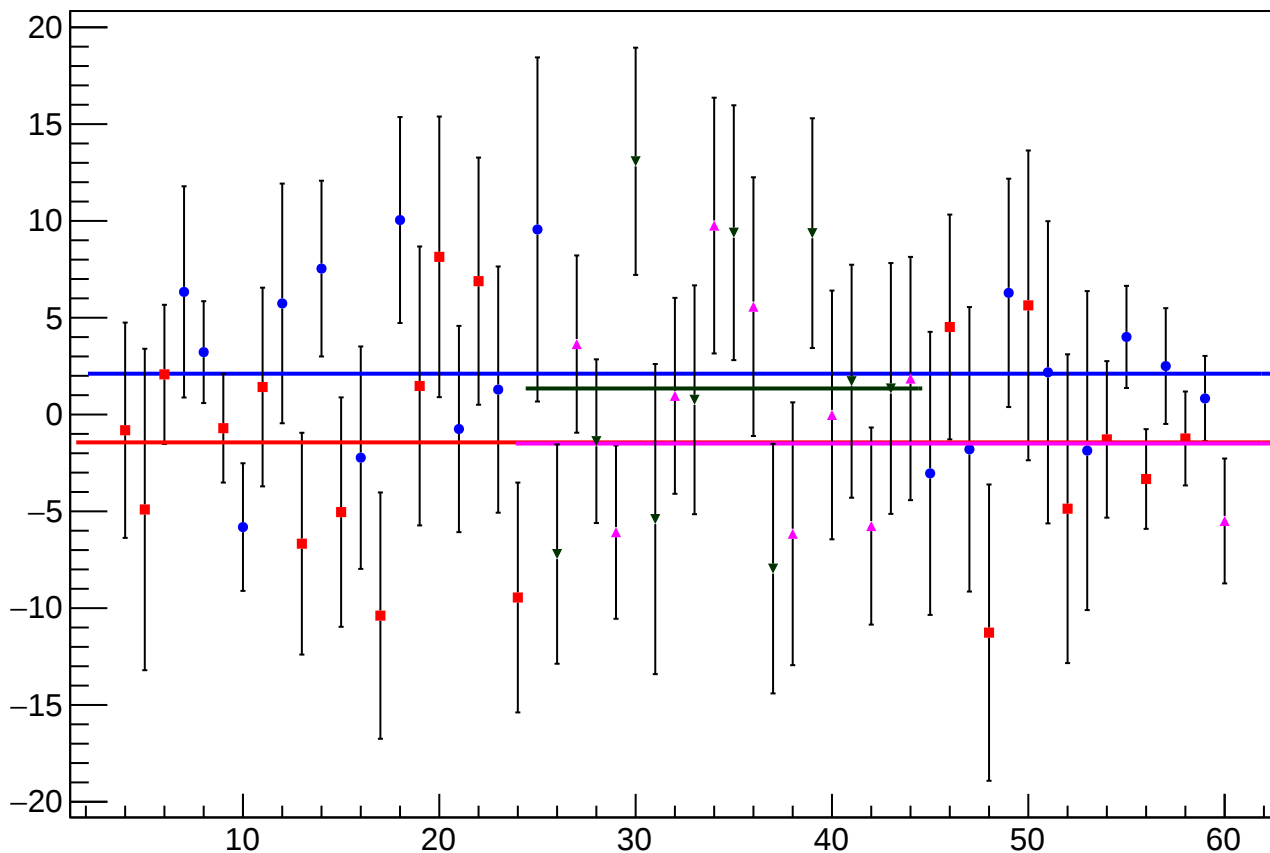
Right Out: 9524.317+/-2.154 χ^2/NDF : 440161.2/18

Left In: 9969.397+/-2.857 χ^2/NDF : 88776.7/9

9646.276+/-1.692 χ^2/NDF : 787149.5/27

9685.583+/-1.720 χ^2/NDF : 544413.8/28

diff_bpm4eY_mean vs slug



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

Left Out: 1.346 ± 1.865 $\chi^2/\text{NDF}: 12.8/9$

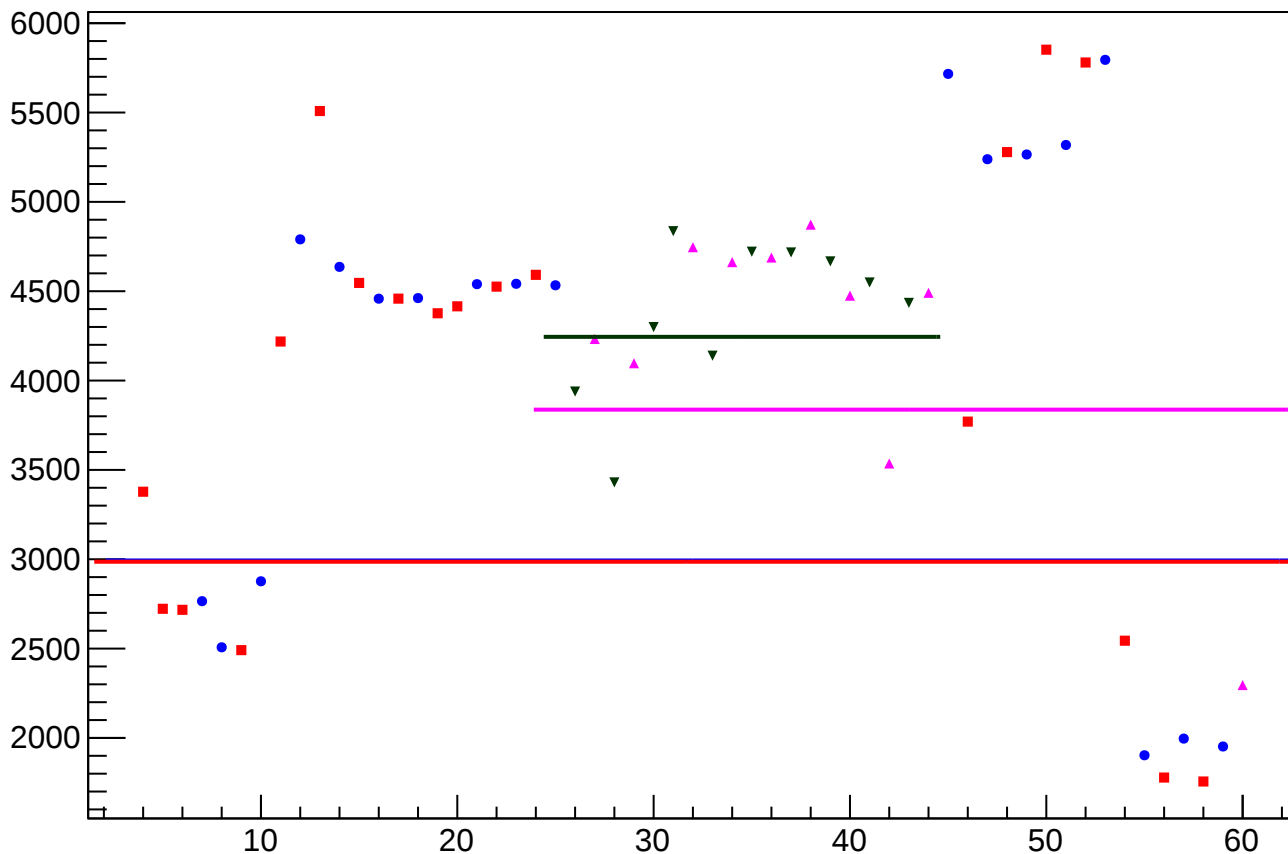
Right Out: -1.438 ± 1.040 $\chi^2/\text{NDF}: 14.4/18$

Left In: -1.498 ± 1.605 $\chi^2/\text{NDF}: 9.6/9$

1.945 ± 0.867 $\chi^2/\text{NDF}: 27.5/27$

-1.456 ± 0.873 $\chi^2/\text{NDF}: 24.0/28$

diff_bpm4eY_rms vs slug



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

Left Out: 4244.655 $\pm$ 1.319 χ^2 /NDF:130015.1/9

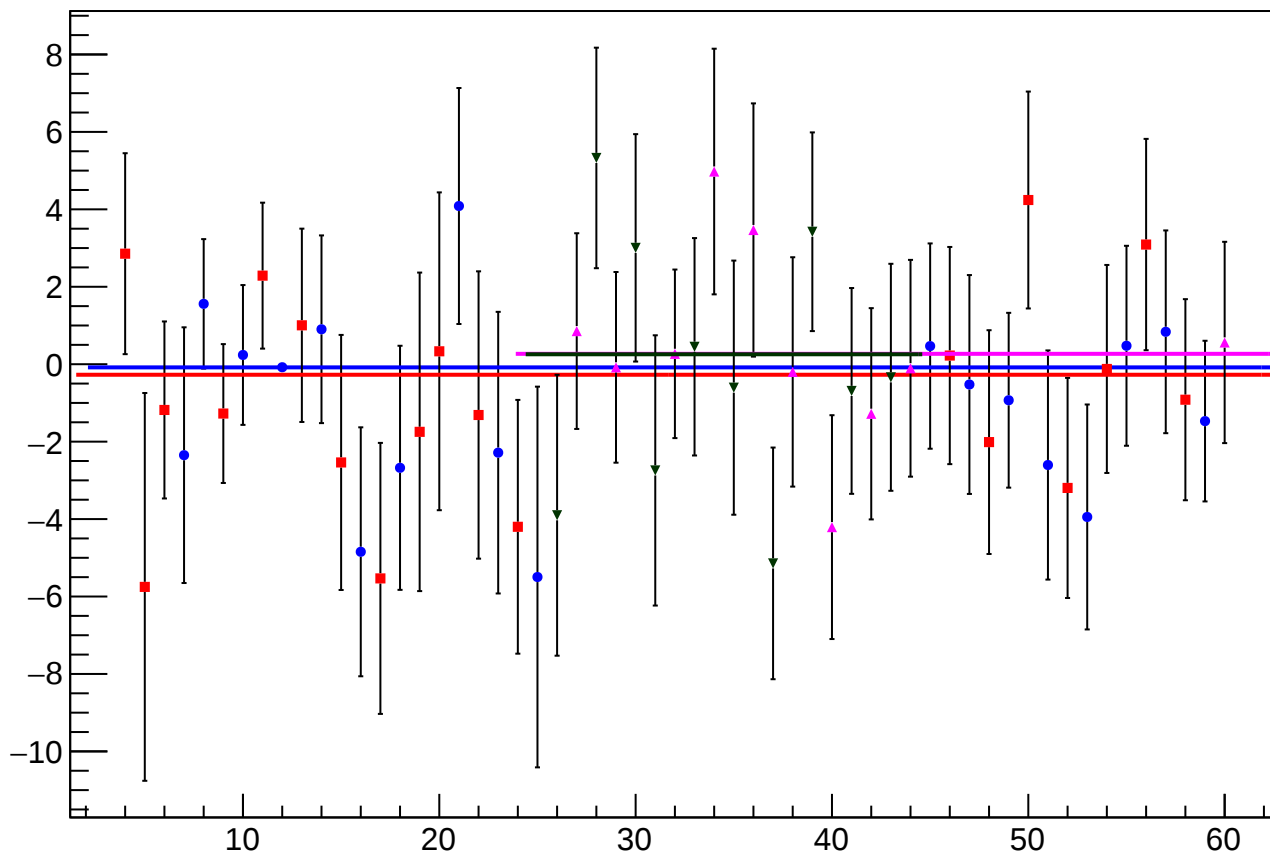
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 3837.277 $\pm$ 1.135 χ^2 /NDF:701728.9/9

3263.539 $\pm$ 0.613 χ^2 /NDF: 4153873.7/27

3237.843 $\pm$ 0.617 χ^2 /NDF: 4043358.1/28

diff_bpm4acX_mean vs slug



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

Left Out: 0.257 ± 0.937 $\chi^2/\text{NDF}: 11.1/9$

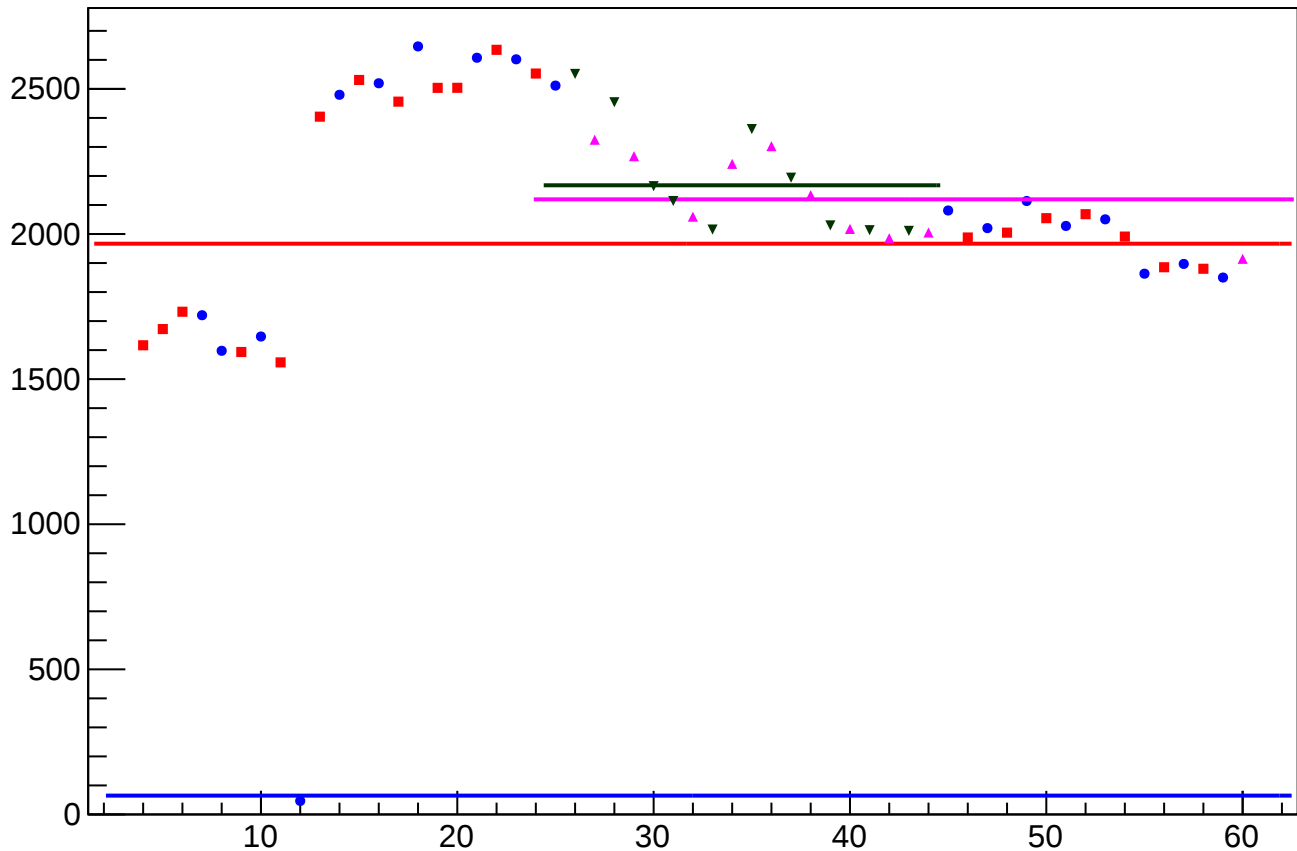
Right Out: -0.272 ± 0.631 $\chi^2/\text{NDF}: 15.3/18$

Left In: 0.268 ± 0.855 $\chi^2/\text{NDF}: 6.0/9$

-0.080 ± 0.060 $\chi^2/\text{NDF}: 22.5/27$

-0.081 ± 0.508 $\chi^2/\text{NDF}: 21.5/28$

diff_bpm4acX_rms vs slug



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

Left Out: 2167.933+/-0.663 χ^2 /NDF: 74393.9/9

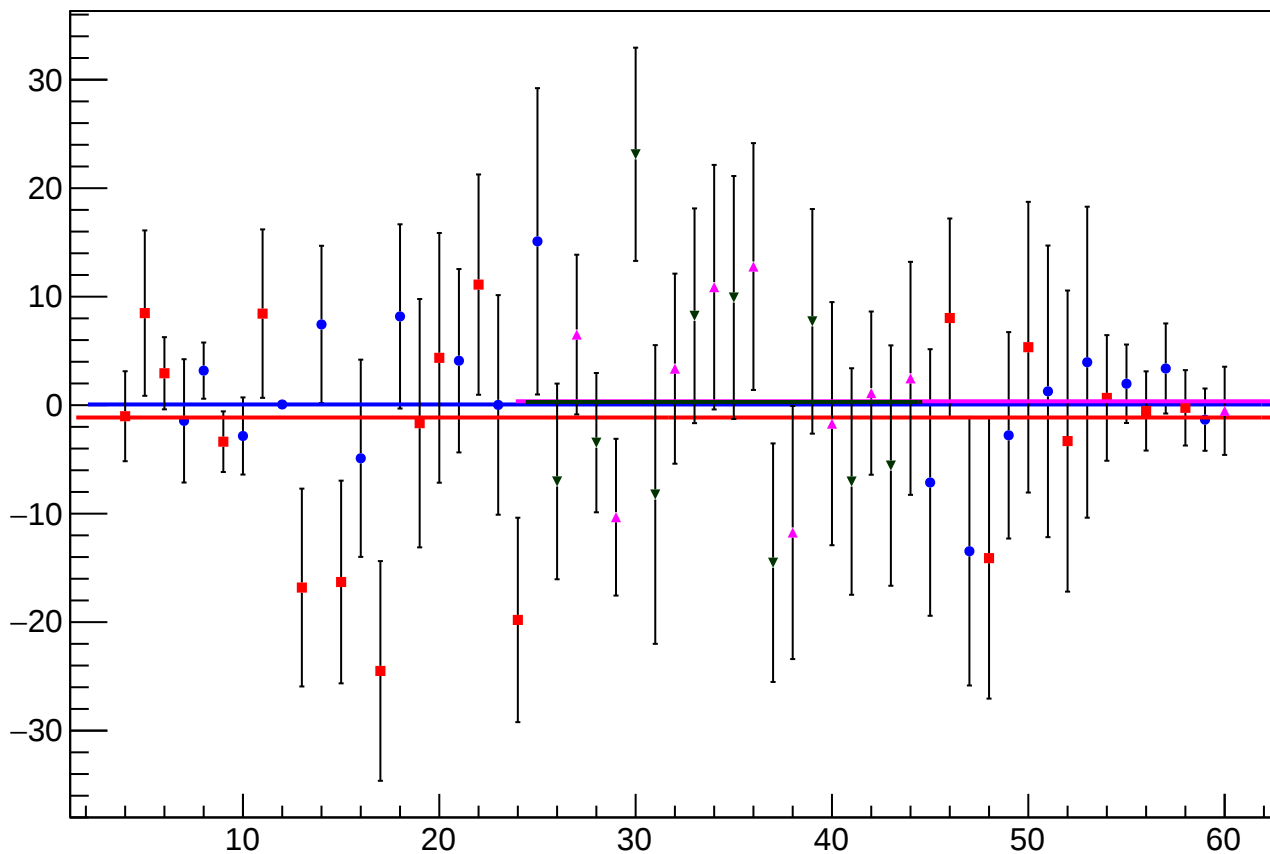
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

Left In: 2119.435+/-0.604 χ^2 /NDF: 54375.7/9

73.512+/-0.042 χ^2 /NDF: 30362872.9/27

2020.563+/-0.359 χ^2 /NDF: 706420.2/28

diff_bpm4acY_mean vs slug



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

Left Out: 0.294 ± 3.082 $\chi^2/\text{NDF}: 11.3/9$

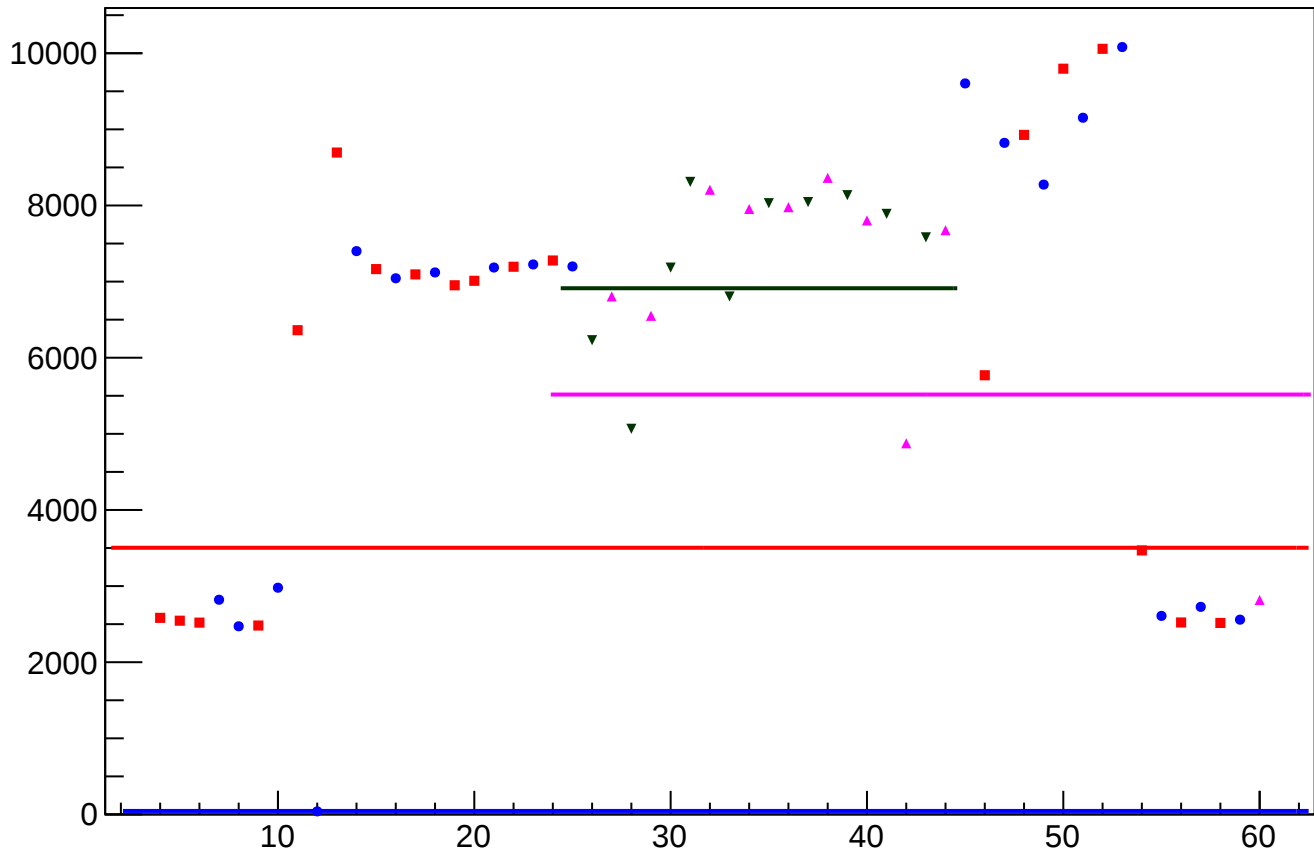
Right Out: -1.137 ± 1.295 $\chi^2/\text{NDF}: 24.2/18$

Left In: 0.358 ± 2.437 $\chi^2/\text{NDF}: 6.3/9$

0.065 ± 0.052 $\chi^2/\text{NDF}: 19.9/27$

-0.808 ± 1.144 $\chi^2/\text{NDF}: 30.8/28$

diff_bpm4acY_rms vs slug



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

Left Out: 6912.690+/-2.179 χ^2/NDF : 293013.4/9

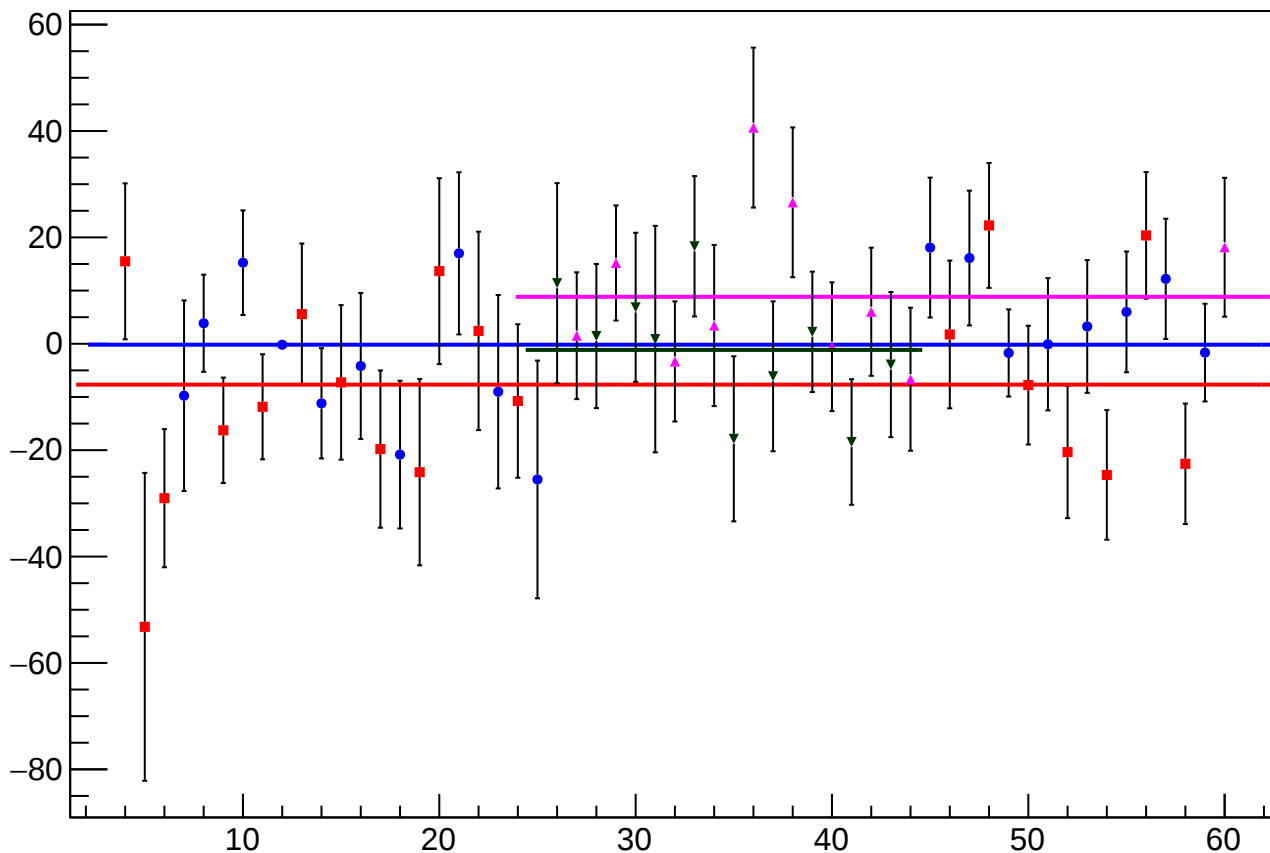
48.217+/-0.037 χ^2/NDF : 30395546.5/27

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

3947.135+/-0.809 χ^2/NDF : 7391563.4/28

Left In: 5516.447+/-1.723 χ^2/NDF : 1657894.7/9

diff_bpm4ecX_mean vs slug



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

Left Out: -1.154 ± 4.434 χ^2/NDF : 6.6/9

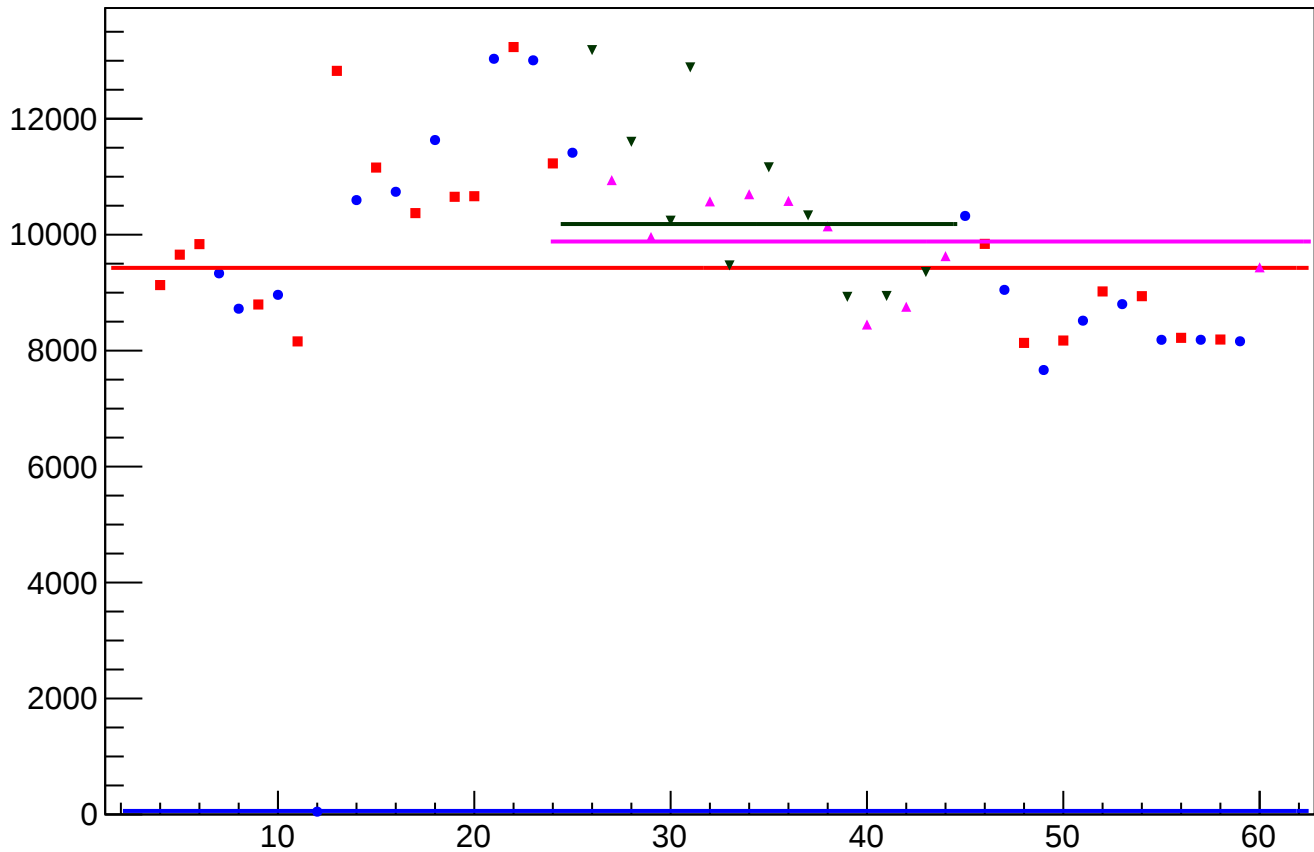
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 8.829 ± 4.004 χ^2/NDF : 10.6/9

-0.174 ± 0.106 χ^2/NDF : 21.0/27

-1.705 ± 2.409 χ^2/NDF : 51.6/28

diff_bpm4ecX_rms vs slug



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

Left Out: 10183.674+/-3.135 χ^2 /NDF:173145.0/9

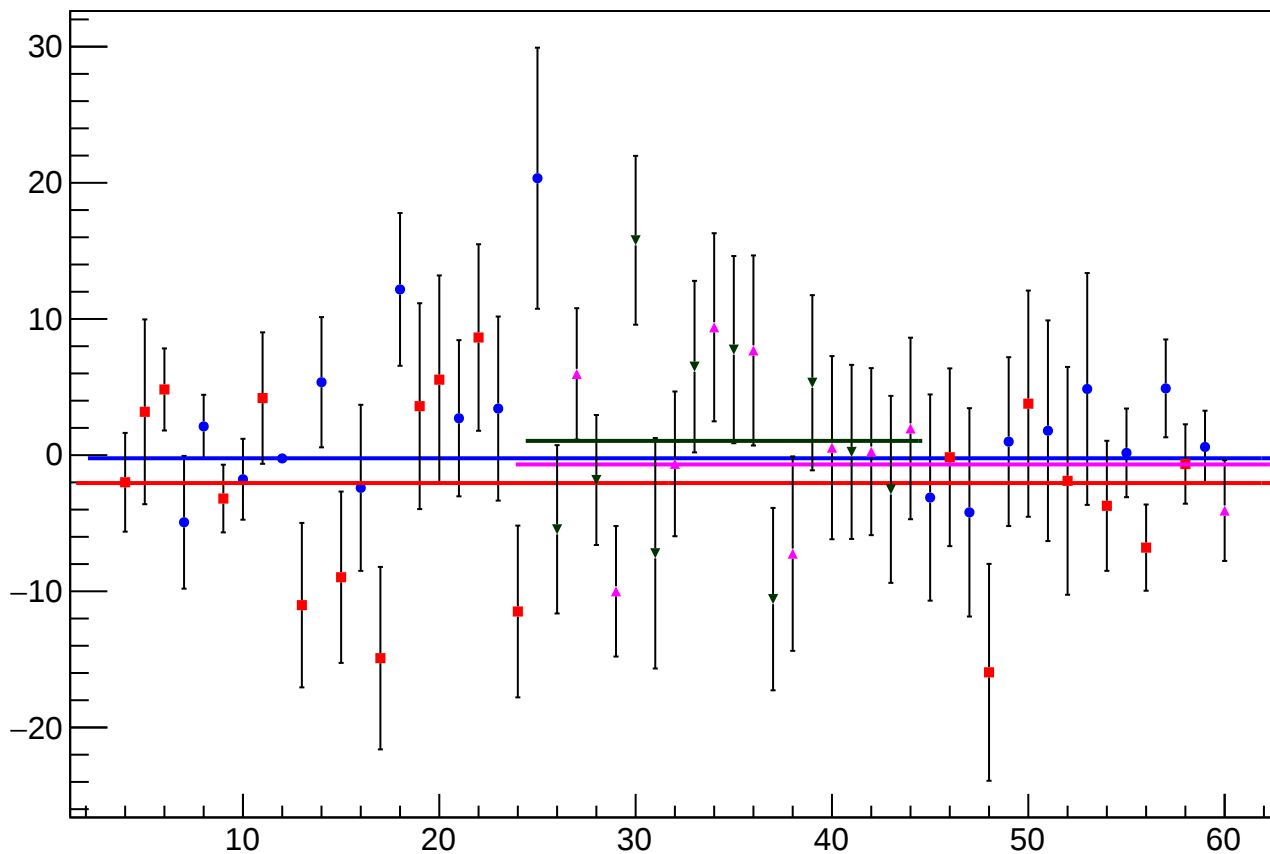
Right Out: 9427.549+/-2.132 χ^2 /NDF: 447350.4/18

Left In: 9882.240+/-2.831 χ^2 /NDF:82692.3/9

66.573+/-0.075 χ^2 /NDF: 31714217.8/27

9592.101+/-1.703 χ^2 /NDF: 546499.3/28

diff_bpm4ecY_mean vs slug



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

Left Out: 1.047 ± 2.006 $\chi^2/\text{NDF}: 13.5/9$

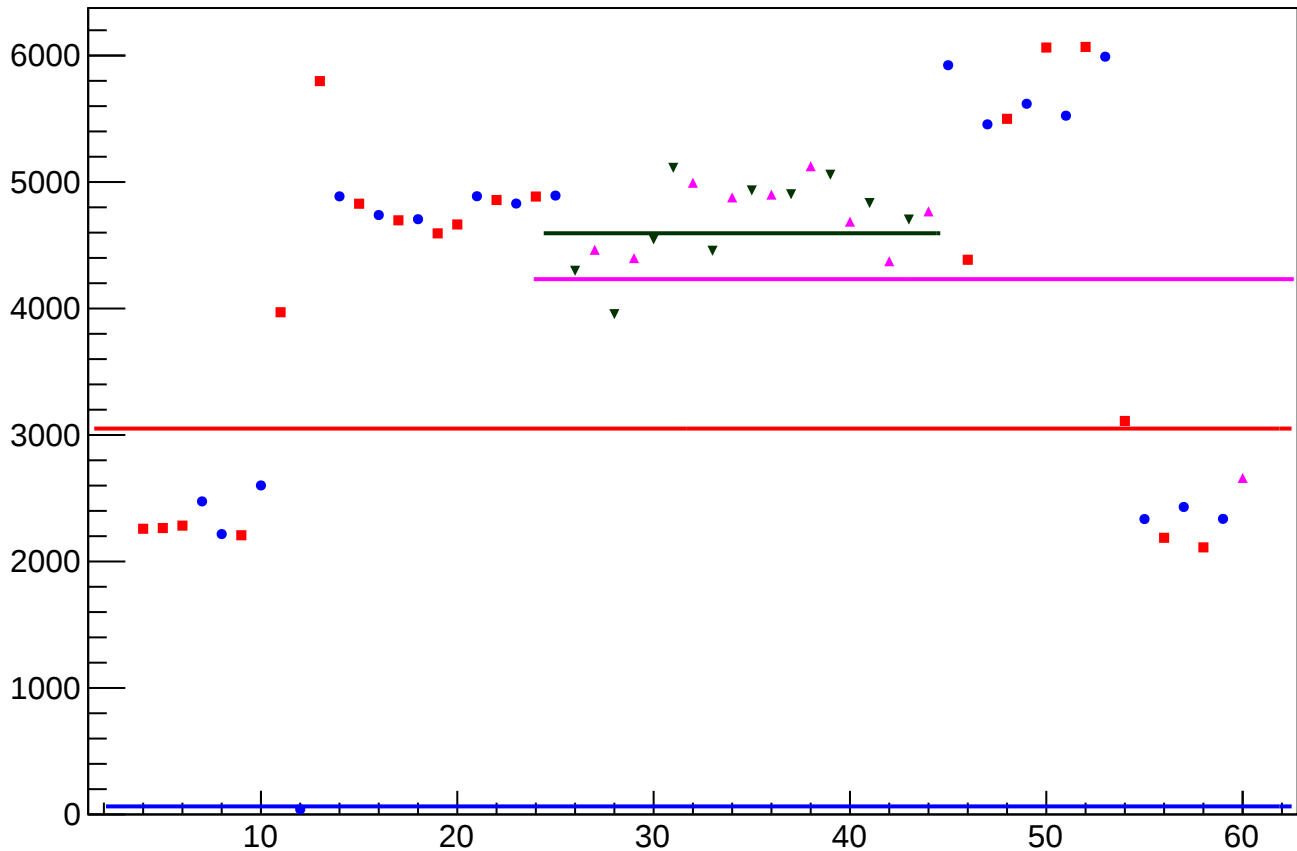
Right Out: -2.049 ± 1.055 $\chi^2/\text{NDF}: 27.2/18$

Left In: -0.683 ± 1.748 $\chi^2/\text{NDF}: 11.1/9$

-0.227 ± 0.090 $\chi^2/\text{NDF}: 30.7/27$

-1.684 ± 0.904 $\chi^2/\text{NDF}: 38.8/28$

diff_bpm4ecY_rms vs slug



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

Left Out: 4595.004+/-1.418 χ^2 /NDF: 71786.0/9

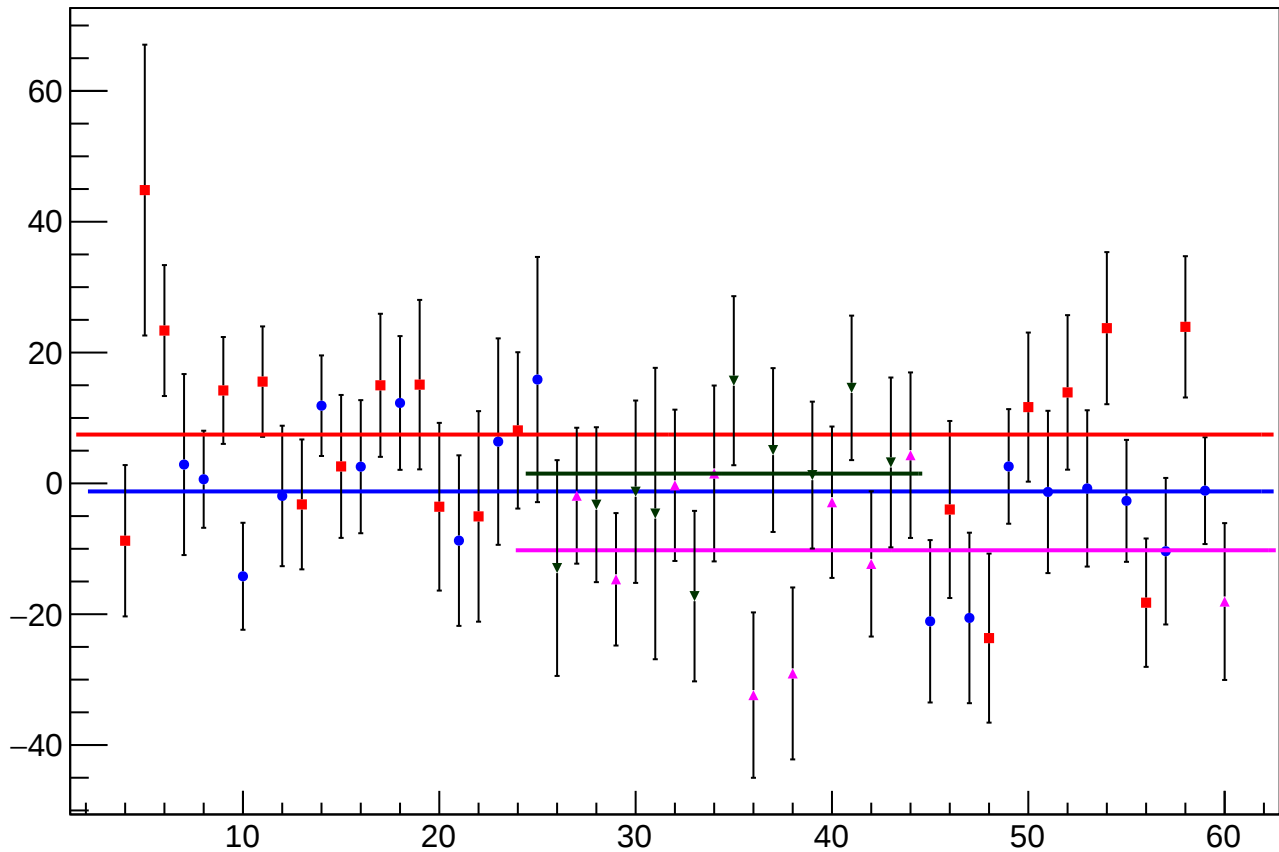
72.773+/-0.063 χ^2 /NDF: 30525514.4/27

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

3366.440+/-0.639 χ^2 /NDF: 4050926.0/28

Left In: 4232.157+/-1.236 χ^2 /NDF: 499474.3/9

diff_bpm1X_mean vs slug



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

Left Out: 1.495 ± 4.142 χ^2/NDF : 5.8/9

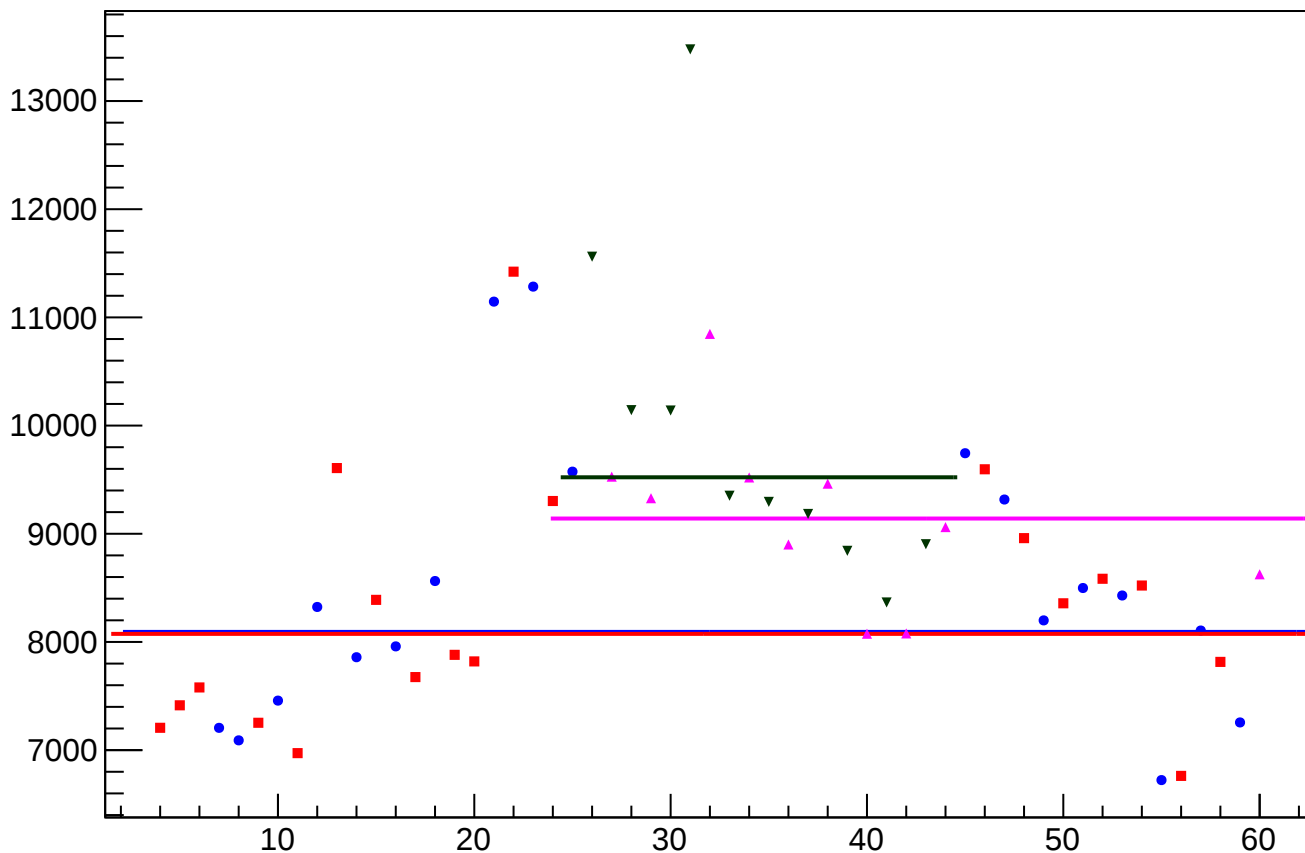
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -10.227 ± 3.705 χ^2/NDF : 9.6/9

-0.531 ± 2.096 χ^2/NDF : 20.7/27

1.706 ± 2.114 χ^2/NDF : 55.6/28

diff_bpm1X_rms vs slug



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

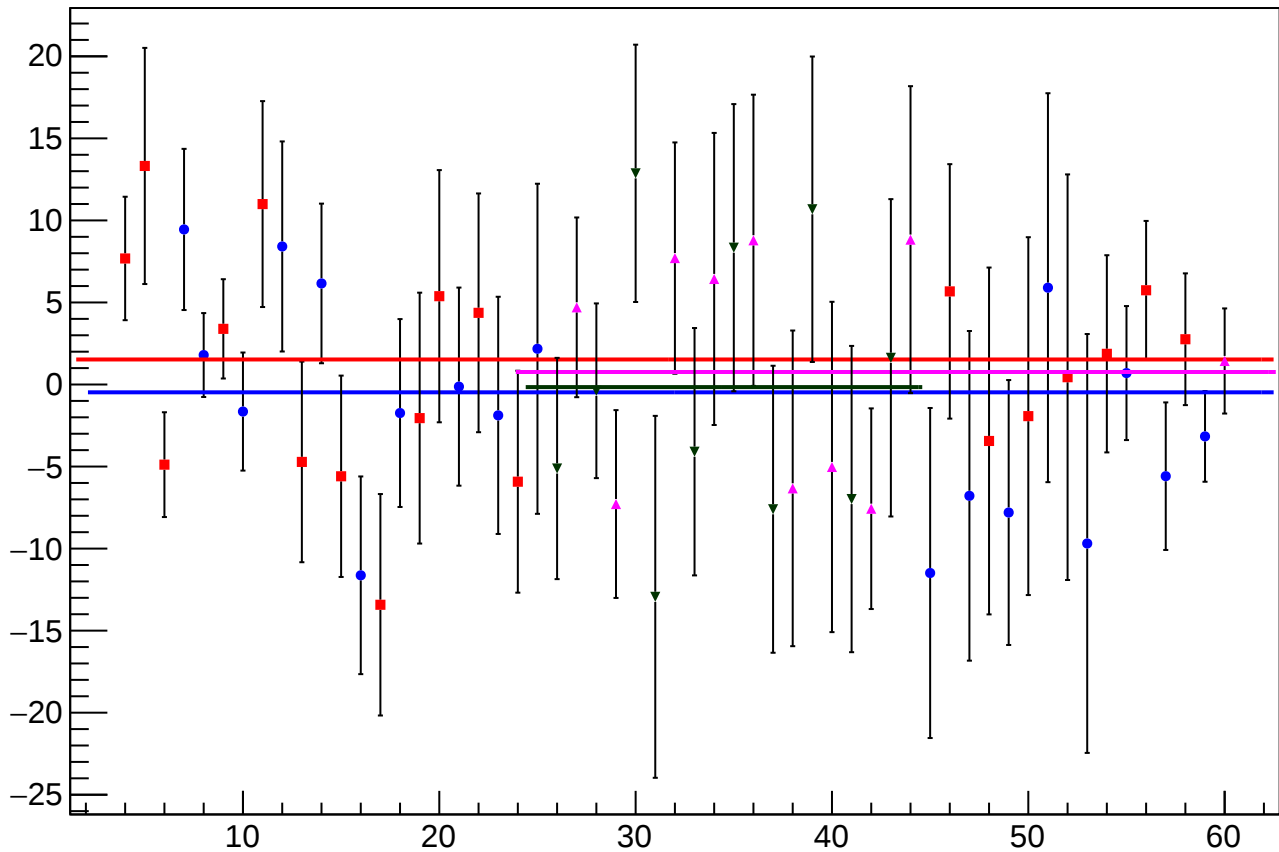
Left Out: 8458.875 ± 1.482 χ^2/NDF : 705757.7/27

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

Left In: 9140.817 ± 2.620 χ^2/NDF : 89535.5/9

Right Out: 8421.720 ± 1.495 χ^2/NDF : 513907.9/28

diff_bpm1Y_mean vs slug



Right In: -0.476 ± 1.161 $\chi^2/\text{NDF}: 17.9/17$

Left Out: -0.158 ± 2.506 $\chi^2/\text{NDF}: 8.5/9$

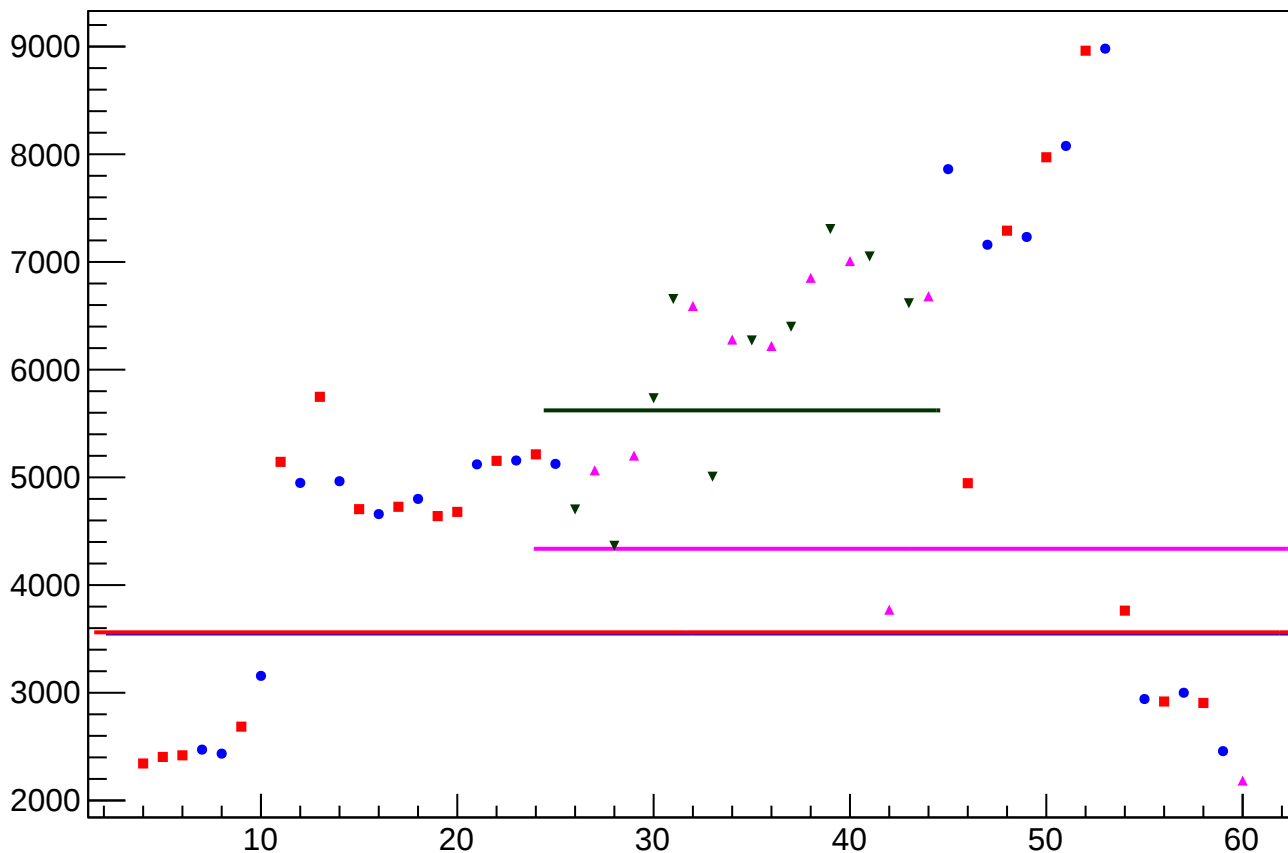
Right Out: 1.525 ± 1.232 $\chi^2/\text{NDF}: 22.9/18$

Left In: 0.763 ± 1.940 $\chi^2/\text{NDF}: 8.2/9$

-0.420 ± 1.054 $\chi^2/\text{NDF}: 26.4/27$

1.306 ± 1.040 $\chi^2/\text{NDF}: 31.2/28$

diff_bpm1Y_rms vs slug



Right In: 3550.424 $\pm$ 0.821 χ^2 /NDF: 3293988.0/17

Left Out: 5621.962 $\pm$ 1.772 χ^2 /NDF:340384.5/9

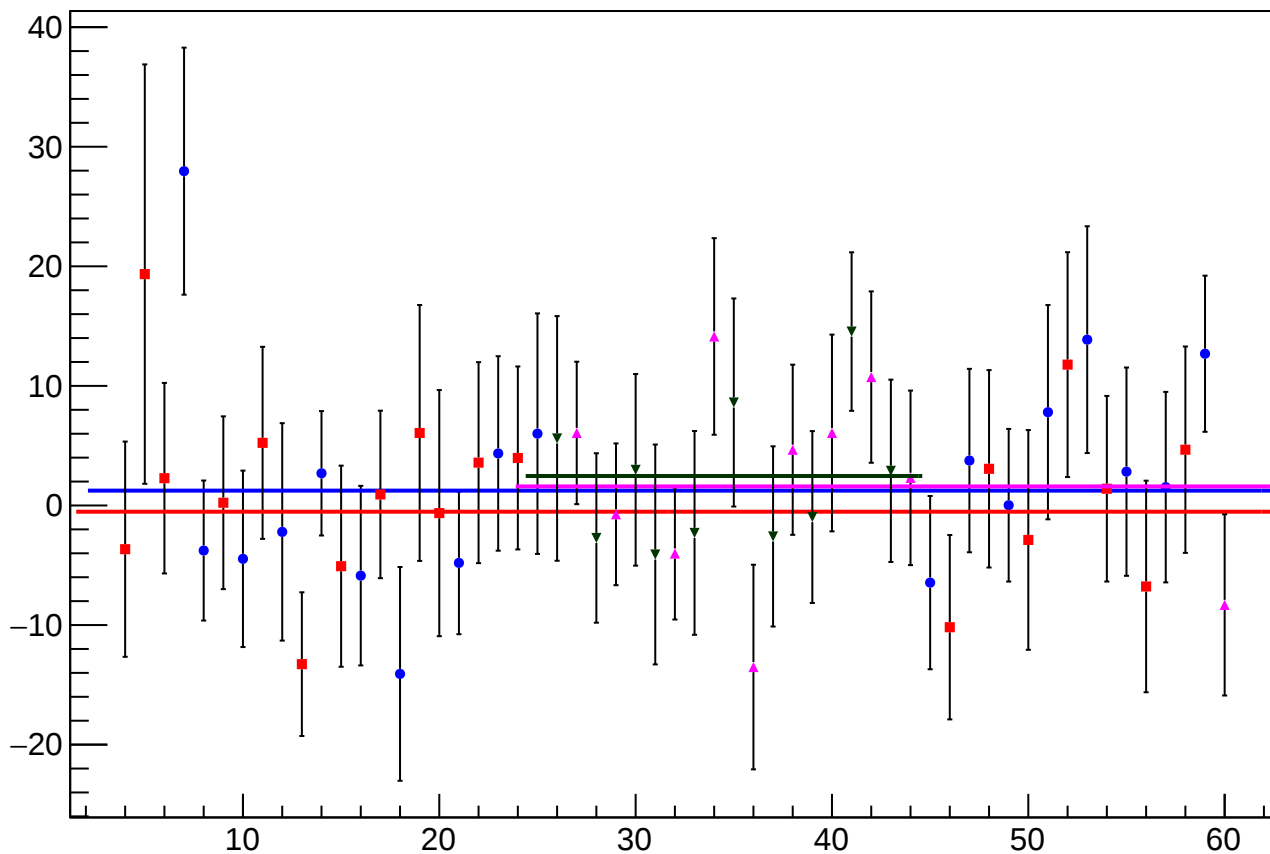
Right Out: 3561.233 $\pm$ 0.871 χ^2 /NDF: 2618224.4/18

Left In: 4337.153 $\pm$ 1.372 χ^2 /NDF:1794520.7/9

3916.570 $\pm$ 0.745 χ^2 /NDF: 4759359.6/27

3784.150 $\pm$ 0.735 χ^2 /NDF: 4640731.9/28

diff_bpm11X_mean vs slug



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

Left Out: 2.463 ± 2.494 $\chi^2/\text{NDF}: 6.0/9$

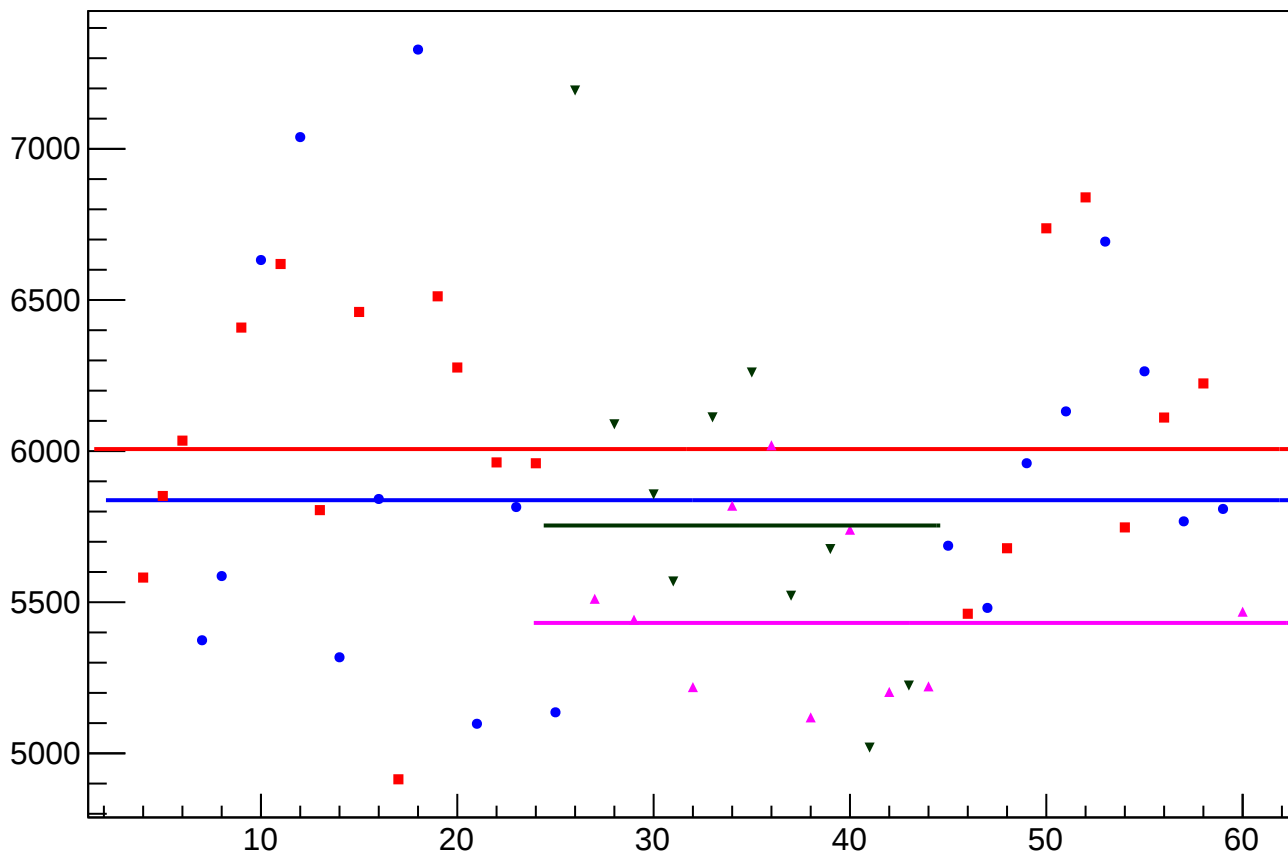
Right Out: -0.521 ± 1.907 $\chi^2/\text{NDF}: 12.3/18$

Left In: 1.595 ± 2.192 $\chi^2/\text{NDF}: 11.0/9$

1.645 ± 1.433 $\chi^2/\text{NDF}: 26.3/27$

0.390 ± 1.439 $\chi^2/\text{NDF}: 23.9/28$

diff_bpm11X_rms vs slug



Right In: 5837.587 $\pm$ 1.239 χ^2 /NDF: 211311.8/17

Left Out: 5753.867 $\pm$ 1.763 χ^2 /NDF:91874.6/9

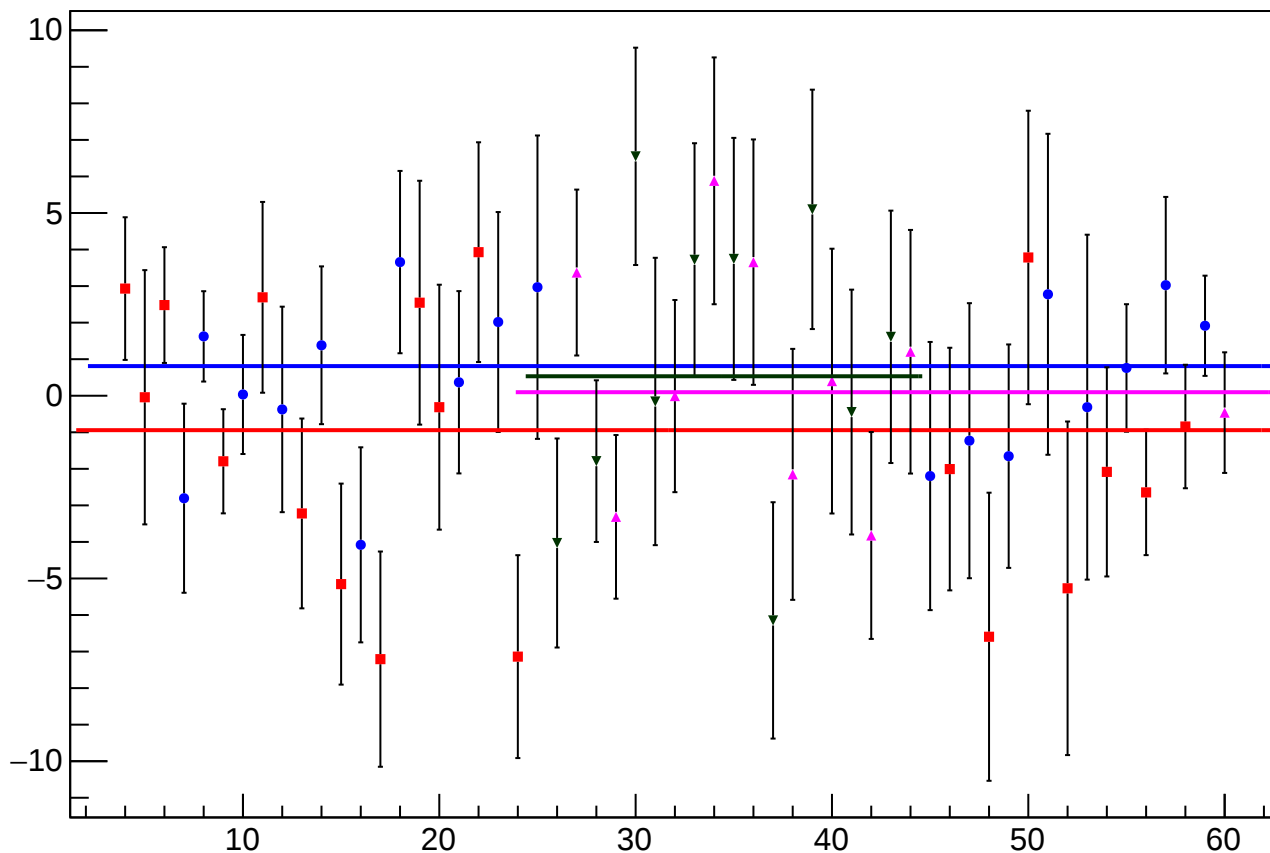
Right Out: 6006.736 $\pm$ 1.348 χ^2 /NDF: 130455.1/18

Left In: 5431.529 $\pm$ 1.550 χ^2 /NDF:27621.1/9

5809.927 $\pm$ 1.013 χ^2 /NDF: 304696.0/27

5759.011 $\pm$ 1.017 χ^2 /NDF: 236482.0/28

diff_bpm11Y_mean vs slug



Right In: 0.811 ± 0.532 $\chi^2/\text{NDF}: 11.3/17$

Left Out: 0.533 ± 0.973 $\chi^2/\text{NDF}: 16.1/9$

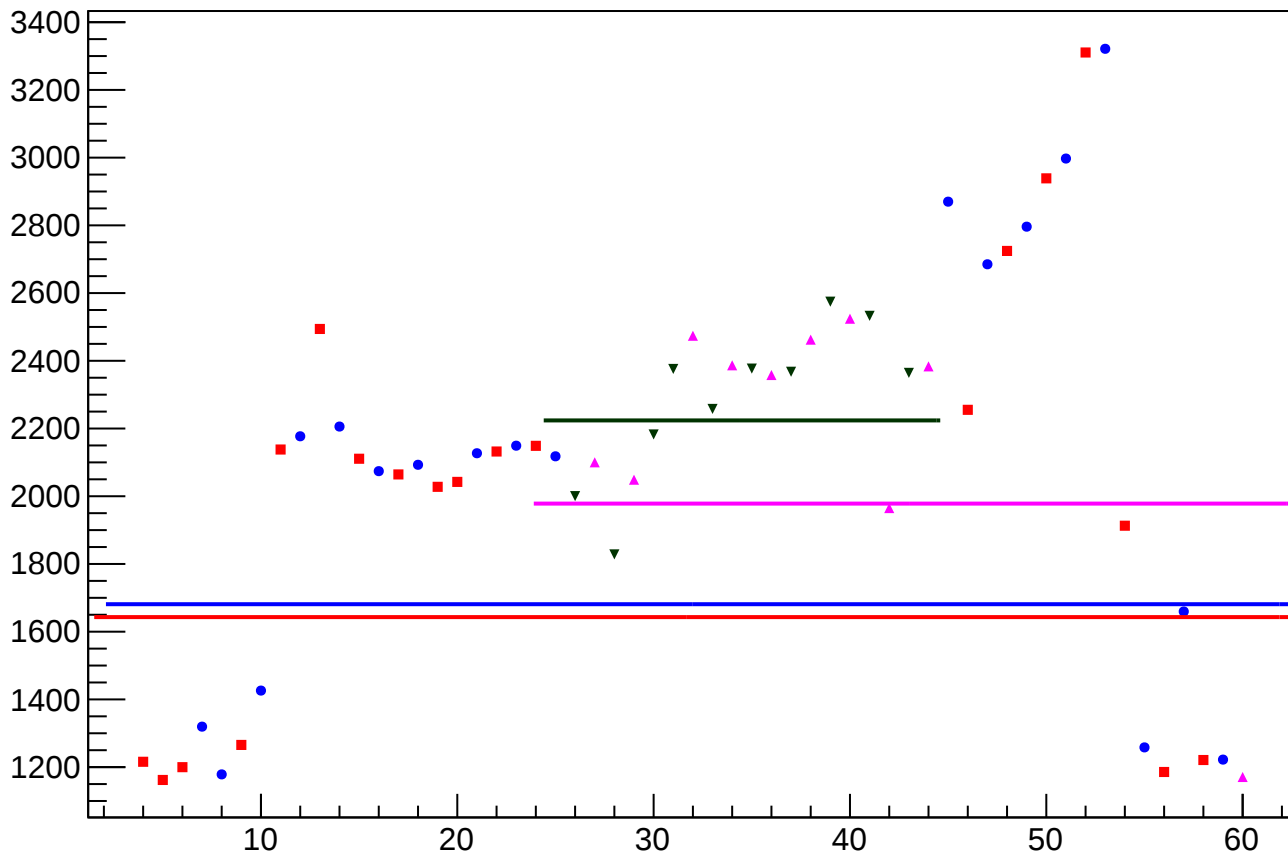
Right Out: -0.942 ± 0.553 $\chi^2/\text{NDF}: 32.9/18$

Left In: 0.097 ± 0.828 $\chi^2/\text{NDF}: 11.0/9$

0.747 ± 0.467 $\chi^2/\text{NDF}: 27.5/27$

-0.622 ± 0.460 $\chi^2/\text{NDF}: 45.1/28$

diff_bpm11Y_rms vs slug



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

Left Out: 2223.927+/-0.688 χ^2/NDF :131291.4/9

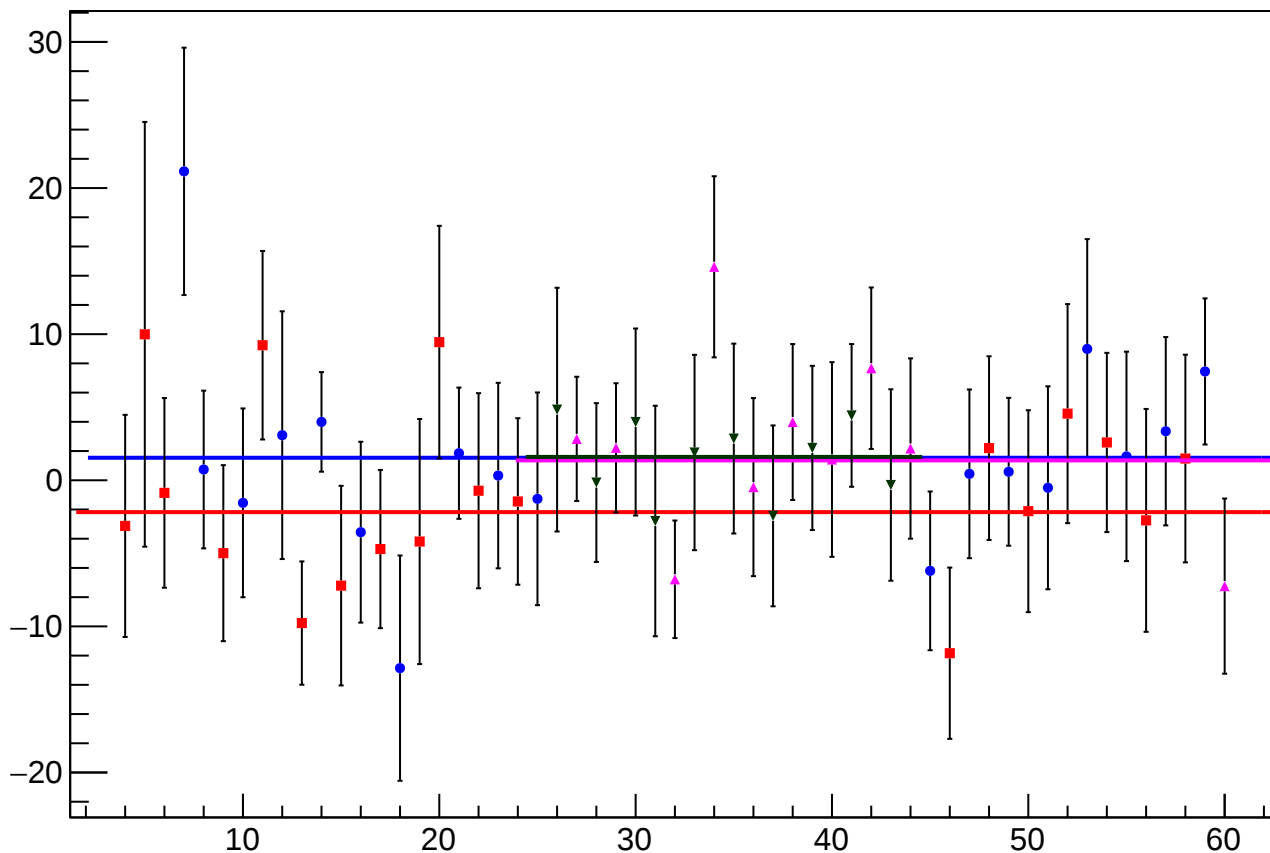
1806.061+/-0.330 χ^2/NDF : 2823159.2/27

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

1746.311+/-0.325 χ^2/NDF : 2923356.4/28

Left In: 1978.277+/-0.586 χ^2/NDF :727328.4/9

diff_bpm12X_mean vs slug



Right In: 1.541 $\pm$ 1.369 χ^2 /NDF: 15.2/17

Left Out: 1.599 $\pm$ 1.970 χ^2 /NDF: 1.6/9

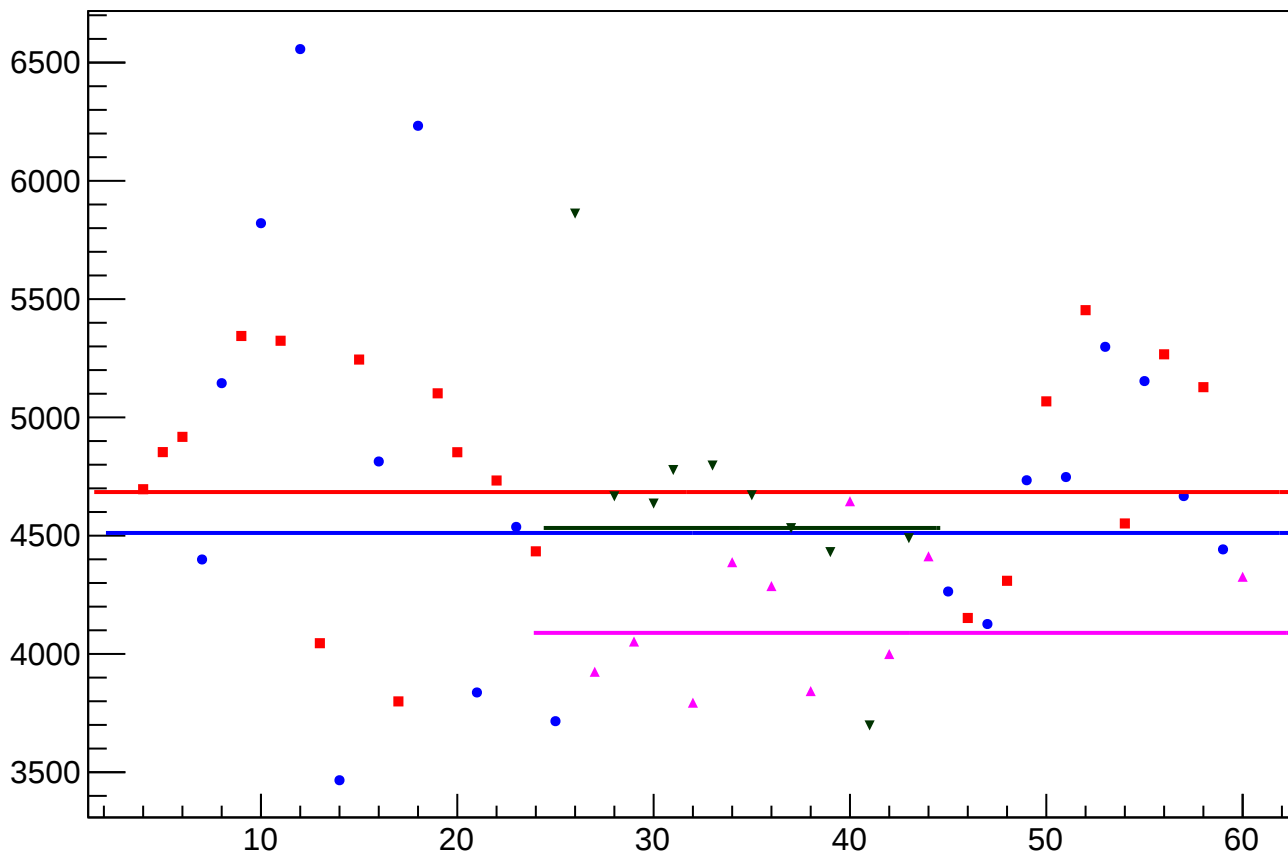
Right Out: -2.180 $\pm$ 1.492 χ^2 /NDF: 15.2/18

Left In: 1.361 $\pm$ 1.654 χ^2 /NDF: 12.5/9

1.560 $\pm$ 1.124 χ^2 /NDF: 16.8/27

-0.590 $\pm$ 1.108 χ^2 /NDF: 30.3/28

diff_bpm12X_rms vs slug



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

Left Out: 4532.597 $\pm$ 1.393 χ^2 /NDF:117630.8/9

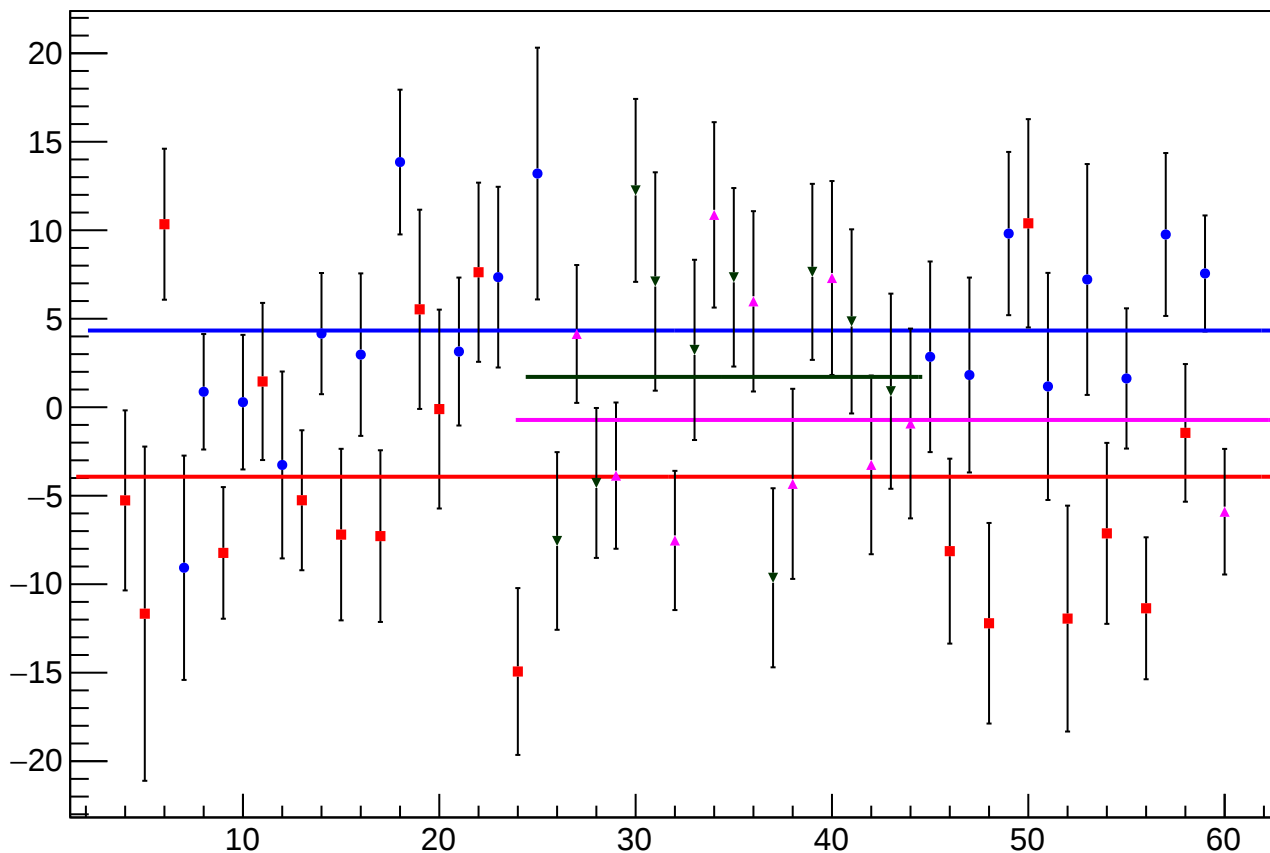
Right Out: 4684.391 $\pm$ 1.055 χ^2 /NDF: 240230.9/18

Left In: 4089.086 $\pm$ 1.169 χ^2 /NDF:48001.0/9

4518.369 $\pm$ 0.795 χ^2 /NDF: 764784.7/27

4417.185 $\pm$ 0.783 χ^2 /NDF: 431060.8/28

diff_bpm12Y_mean vs slug



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

Left Out: 1.714 ± 1.609 χ^2/NDF : 18.5/9

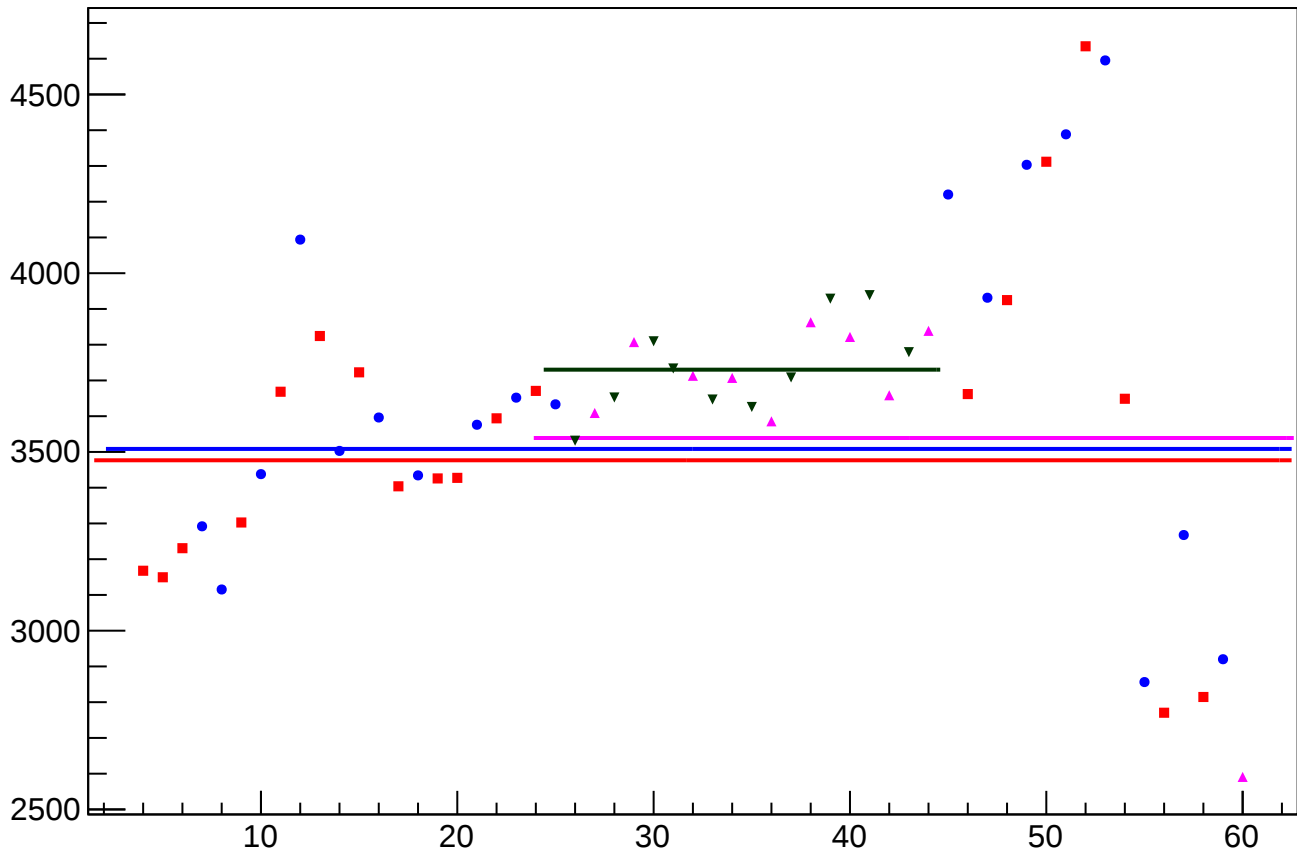
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: -0.719 ± 1.435 χ^2/NDF : 16.7/9

3.546 ± 0.882 χ^2/NDF : 41.6/27

-2.726 ± 0.878 χ^2/NDF : 64.1/28

diff_bpm12Y_rms vs slug



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

Left Out: 3730.162 $\pm$ 1.138 χ^2 /NDF:12266.4/9

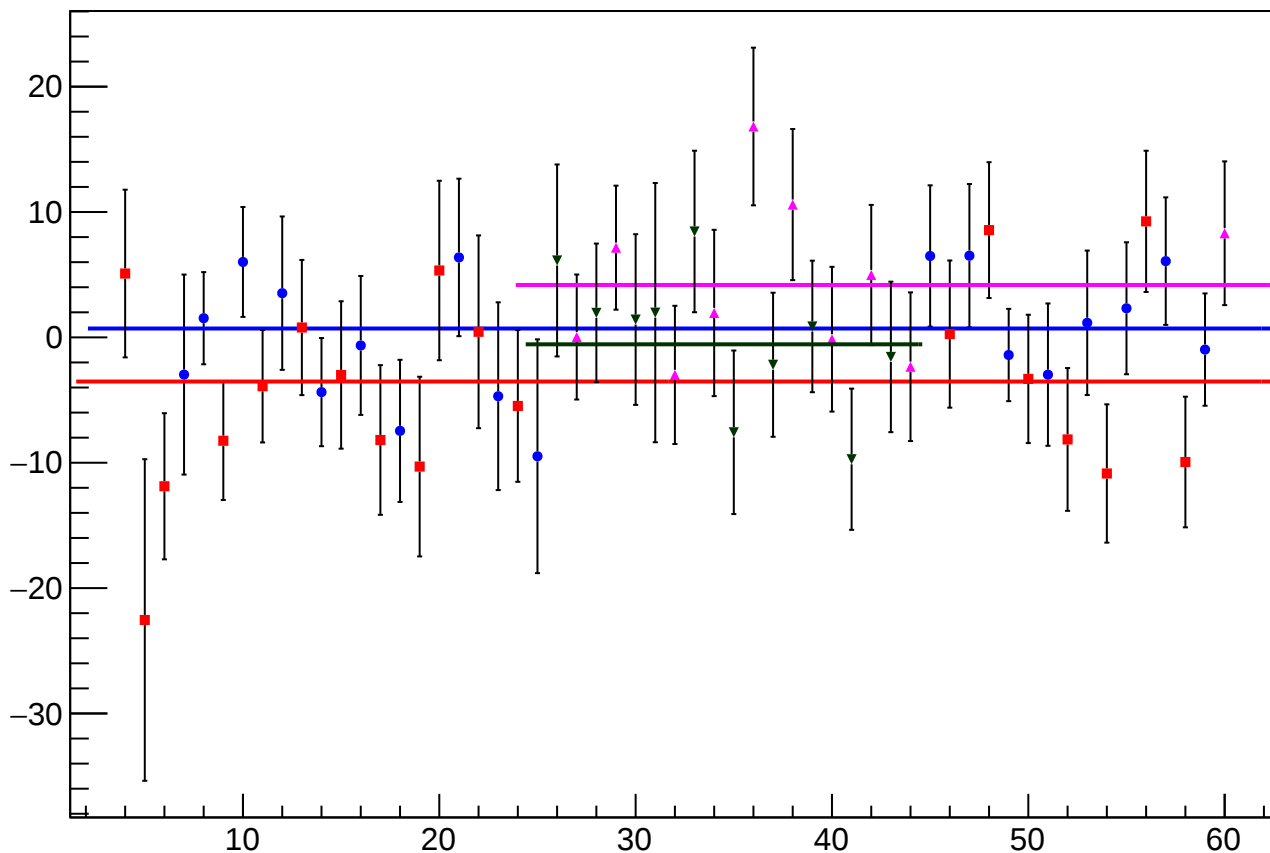
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3539.012 $\pm$ 1.015 χ^2 /NDF:177907.7/9

3575.141 $\pm$ 0.624 χ^2 /NDF: 422960.1/27

3499.995 $\pm$ 0.621 χ^2 /NDF: 474020.6/28

diff_bpm16X_mean vs slug



Right In: 0.708 ± 1.229 $\chi^2/\text{NDF}: 12.2/17$

Left Out: -0.553 ± 1.983 $\chi^2/\text{NDF}: 7.1/9$

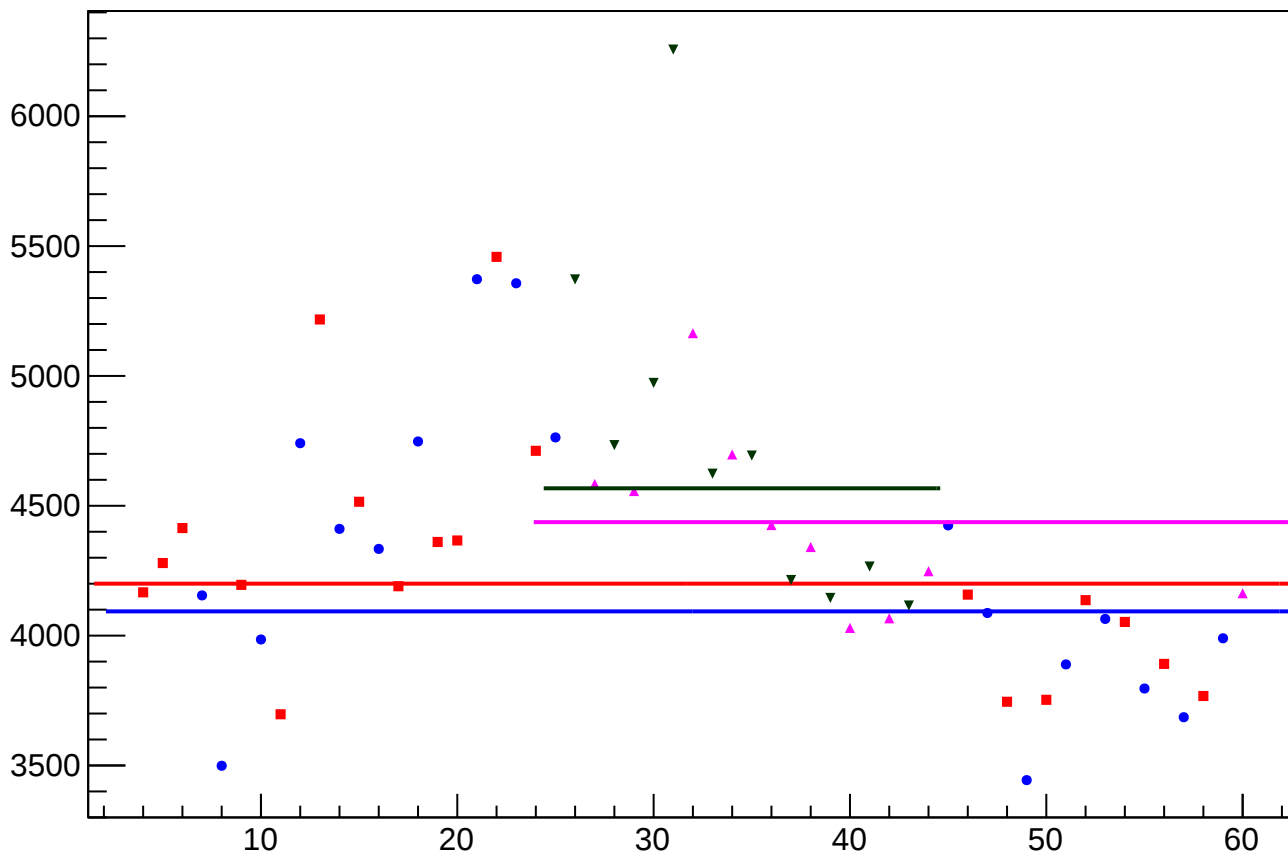
Right Out: -3.522 ± 1.336 $\chi^2/\text{NDF}: 25.4/18$

Left In: 4.180 ± 1.795 $\chi^2/\text{NDF}: 10.3/9$

0.358 ± 1.045 $\chi^2/\text{NDF}: 19.5/27$

-0.776 ± 1.072 $\chi^2/\text{NDF}: 47.6/28$

diff_bpm16X_rms vs slug



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

Left Out: 4567.308 $\pm$ 1.402 χ^2 /NDF:122824.8/9

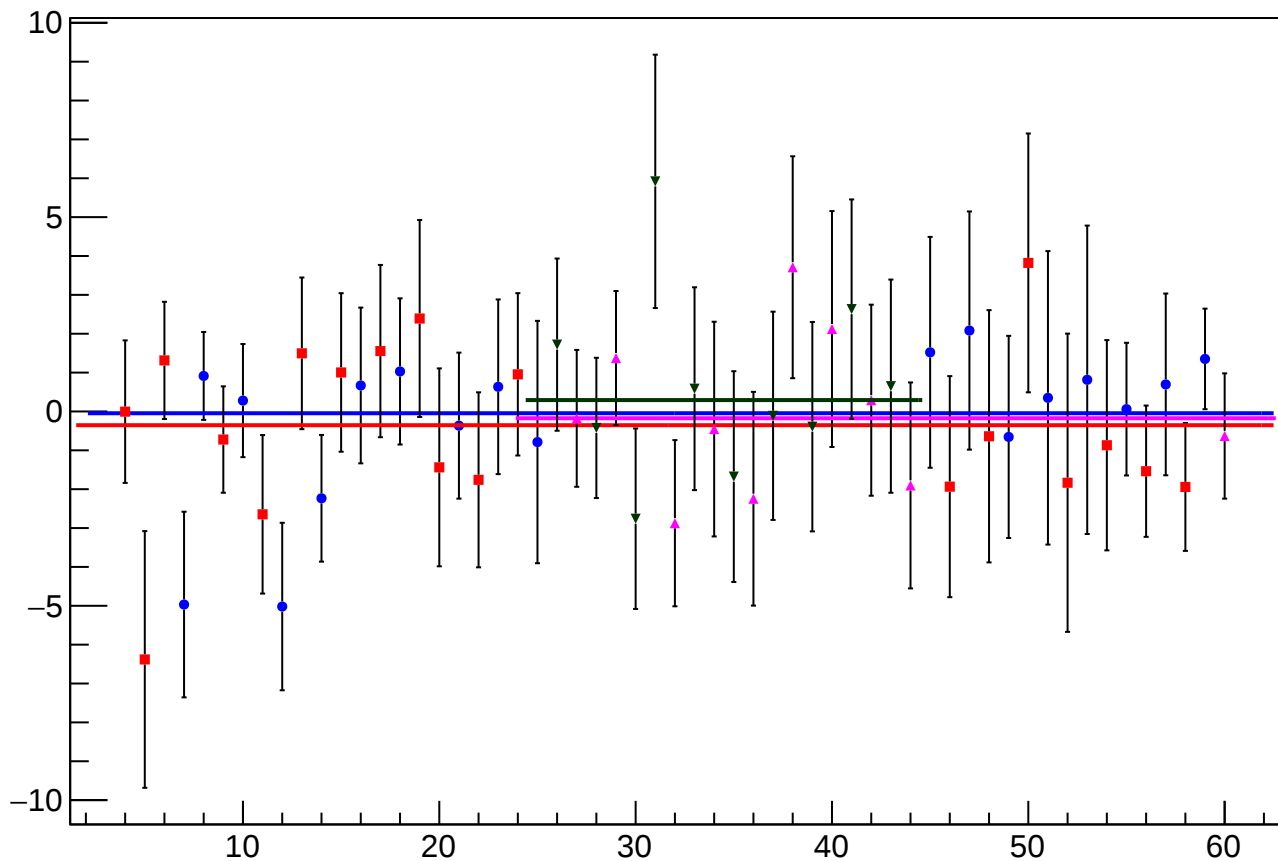
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4437.019 $\pm$ 1.269 χ^2 /NDF:66687.2/9

4224.843 $\pm$ 0.739 χ^2 /NDF: 565042.3/27

4284.578 $\pm$ 0.758 χ^2 /NDF: 314964.6/28

diff_bpm16Y_mean vs slug



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

Left Out: 0.293 ± 0.788 χ^2/NDF : 6.6/9

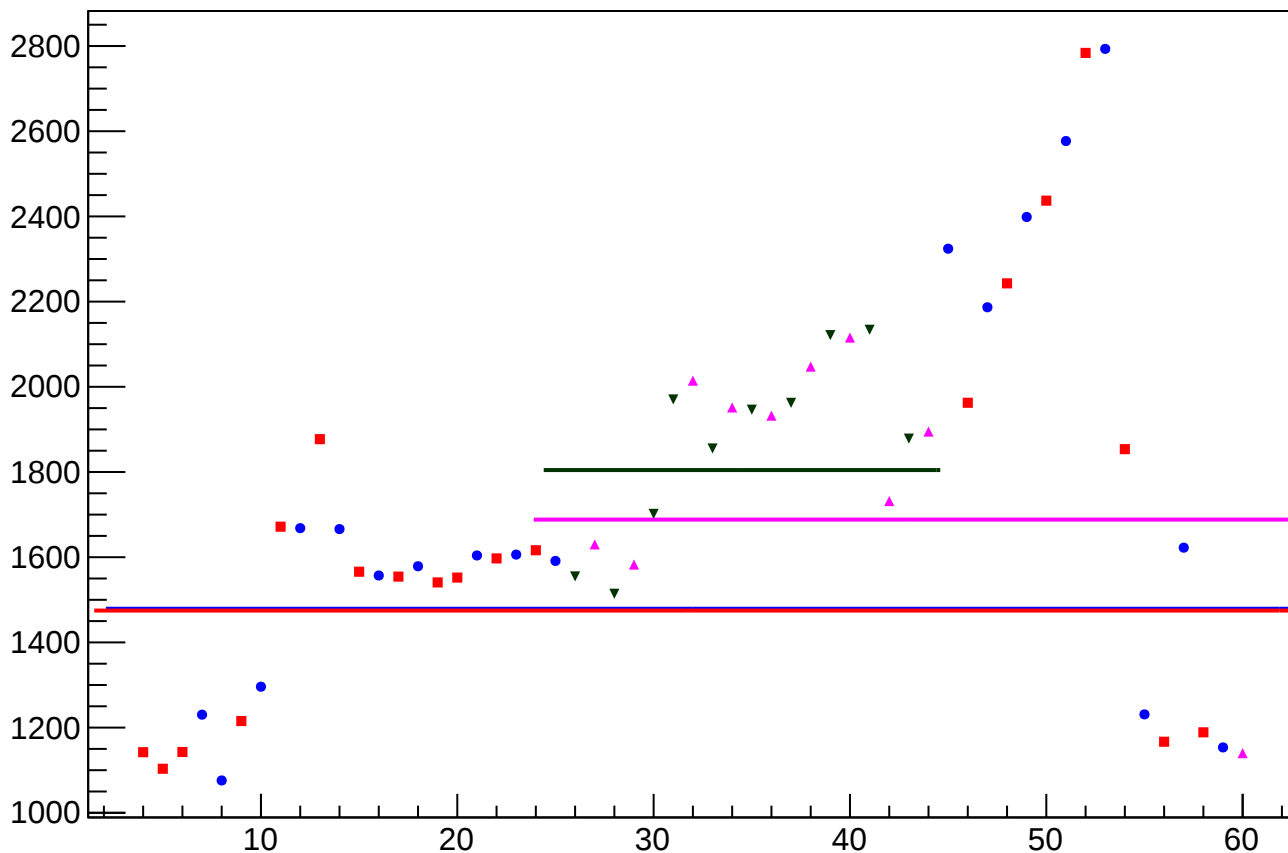
Right Out: -0.354 ± 0.483 χ^2/NDF : 13.6/18

Left In: -0.175 ± 0.696 χ^2/NDF : 5.9/9

0.040 ± 0.396 χ^2/NDF : 21.7/27

-0.295 ± 0.397 χ^2/NDF : 19.6/28

diff_bpm16Y_rms vs slug



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

Left Out: 1804.555+/-0.557 χ^2/NDF :155790.9/9

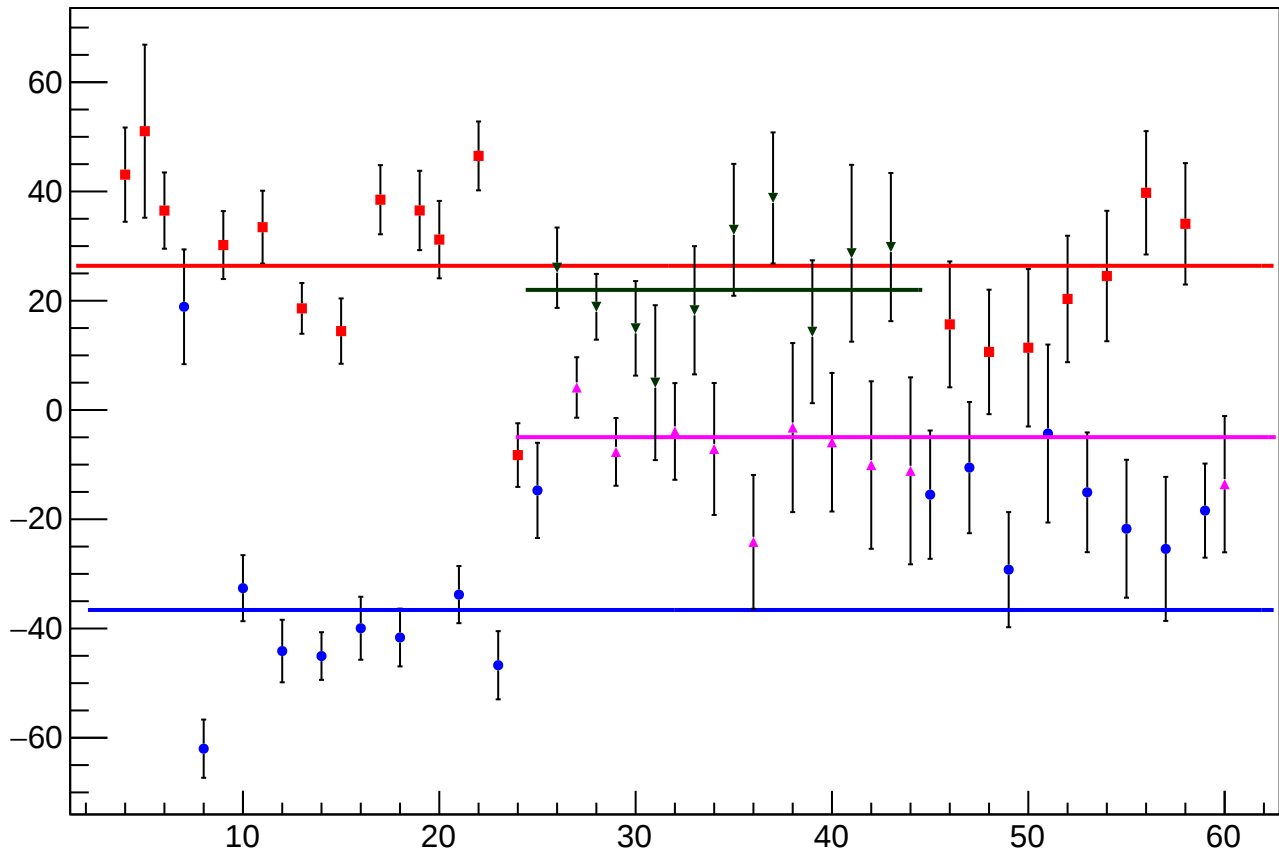
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

Left In: 1688.235+/-0.492 χ^2/NDF :405664.1/9

1561.231+/-0.280 χ^2/NDF : 1870045.6/27

1544.236+/-0.281 χ^2/NDF : 1657835.2/28

diff_bpm0l01X_mean vs slug



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

Left Out: 21.984 $\pm$ 3.153 χ^2 /NDF: 6.4/9

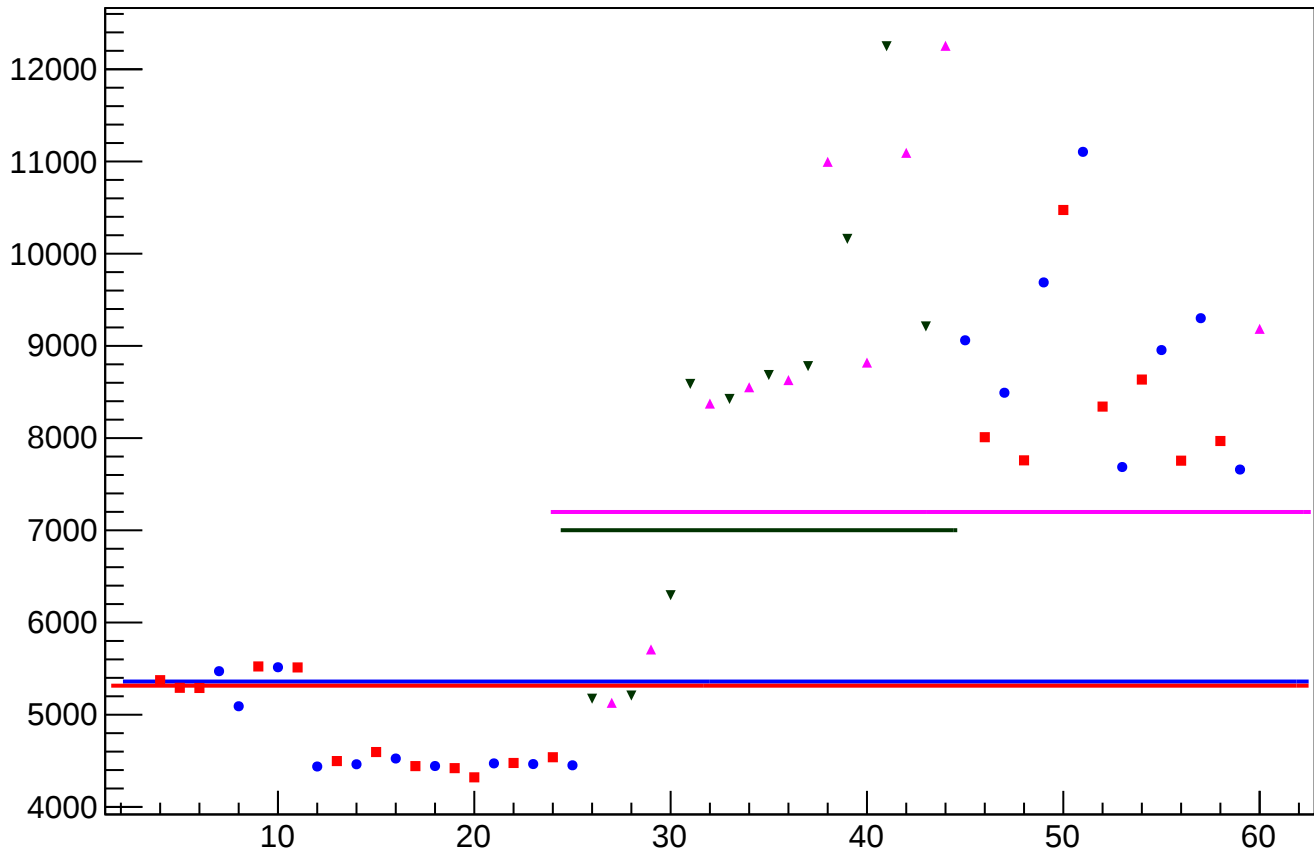
Right Out: 26.394 $\pm$ 1.742 χ^2 /NDF: 74.2/18

Left In: -4.967 $\pm$ 3.023 χ^2 /NDF: 6.1/9

-23.722 $\pm$ 1.479 χ^2 /NDF: 365.6/27

18.575 $\pm$ 1.509 χ^2 /NDF: 161.1/28

diff_bpm0l01X_rms vs slug



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

Left Out: 7001.132+/-2.229 χ^2/NDF : 831756.0/9

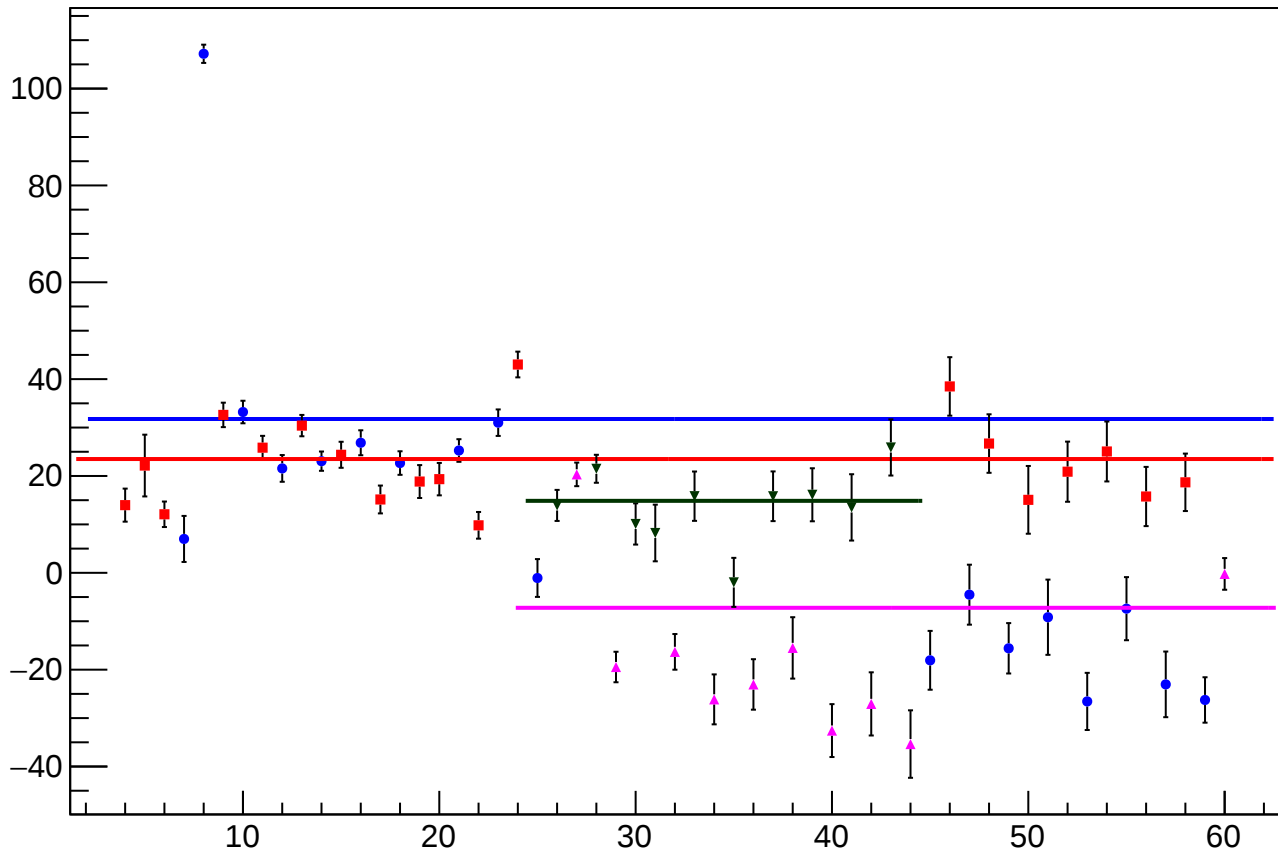
5720.891+/-1.045 χ^2/NDF : 3114465.1/27

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

5784.694+/-1.067 χ^2/NDF : 2803318.3/28

Left In: 7198.738+/-2.137 χ^2/NDF : 990324.9/9

diff_bpm0l01Y_mean vs slug



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

Left Out: 14.865 ± 1.412 χ^2/NDF : 22.7/9

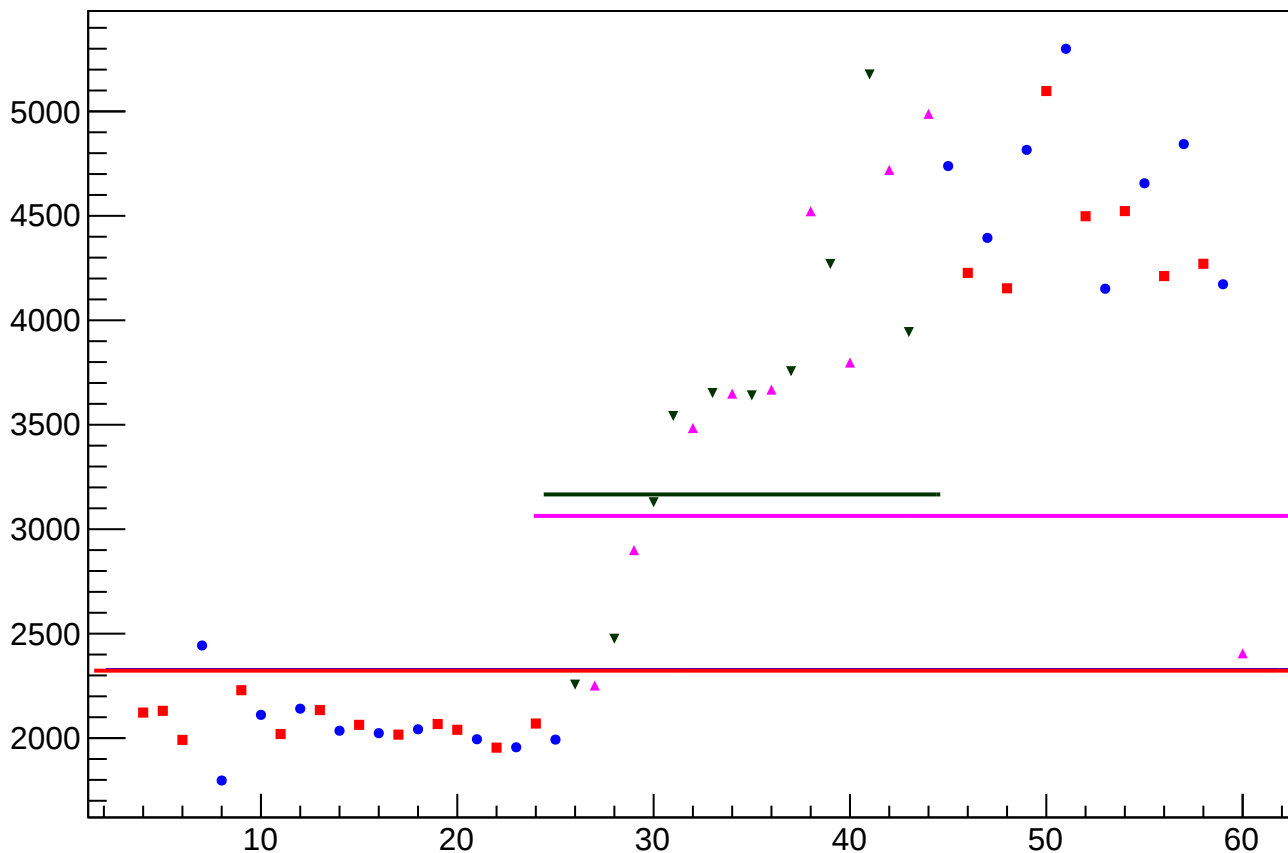
Right Out: 23.500 ± 0.773 χ^2/NDF : 151.3/18

Left In: -7.222 ± 1.277 χ^2/NDF : 225.2/9

28.120 ± 0.656 χ^2/NDF : 2458.2/27

15.264 ± 0.661 χ^2/NDF : 800.4/28

diff_bpm0l01Y_rms vs slug



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

Left Out: 3166.393+/-0.999 χ^2/NDF : 635521.0/9

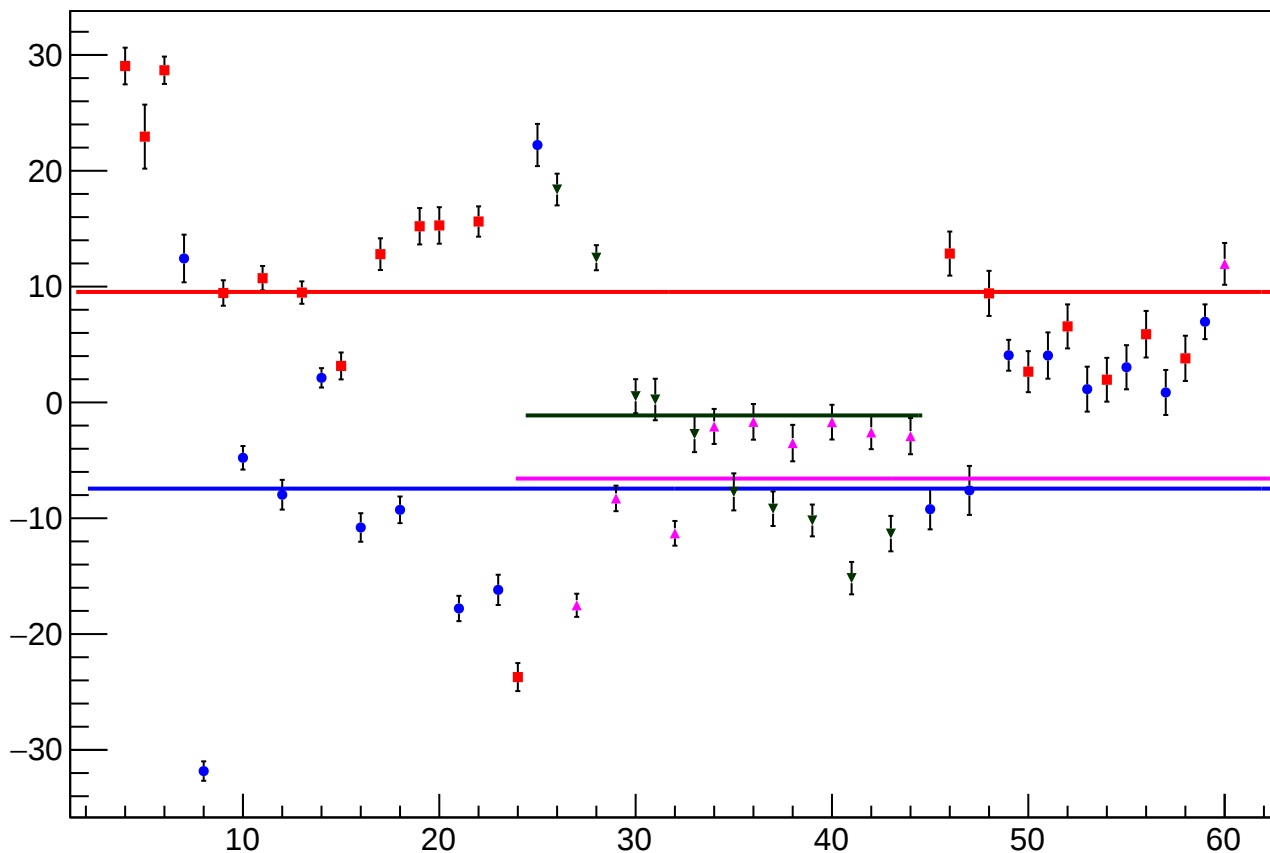
Right Out: 2322.918+/-0.546 χ^2/NDF : 1810759.5/18

Left In: 3063.557+/-0.903 χ^2/NDF : 810782.1/9

2507.428+/-0.464 χ^2/NDF : 3887390.5/27

2521.455+/-0.467 χ^2/NDF : 3114210.3/28

diff_bpm2i01X_mean vs slug



Right In: -7.442 $\pm$ 0.310 χ^2 /NDF: 1753.9/17

Left Out: -1.124 $\pm$ 0.453 χ^2 /NDF: 599.1/9

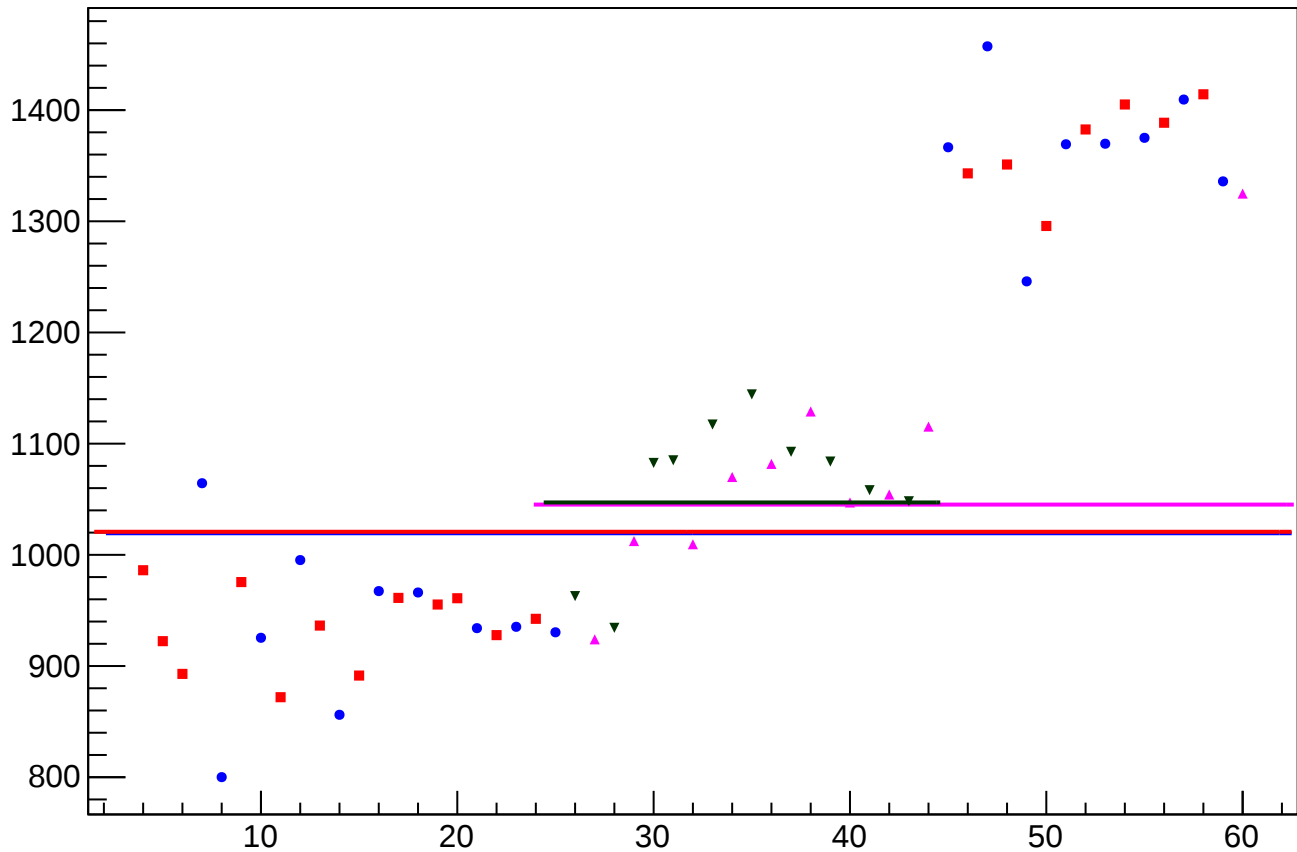
Right Out: 9.540 $\pm$ 0.328 χ^2 /NDF: 1327.8/18

Left In: -6.575 $\pm$ 0.423 χ^2 /NDF: 293.6/9

-5.426 $\pm$ 0.256 χ^2 /NDF: 2485.6/27

3.490 $\pm$ 0.259 χ^2 /NDF: 2529.7/28

diff_bpm2i01X_rms vs slug



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

Left Out: 1047.121+/-0.320 χ^2/NDF : 46145.4/9

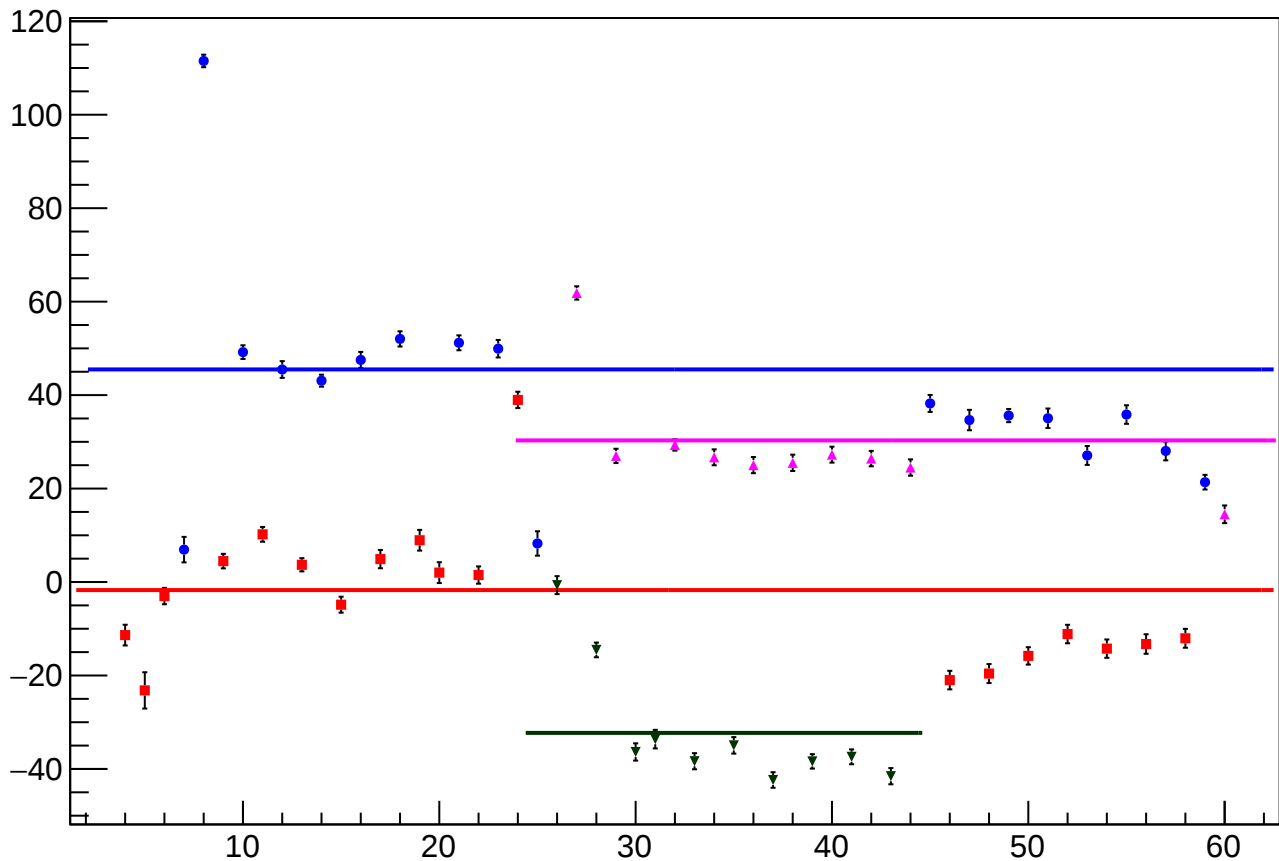
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1045.194+/-0.299 χ^2/NDF : 92848.7/9

1028.262+/-0.181 χ^2/NDF : 904120.1/27

1029.926+/-0.183 χ^2/NDF : 702101.6/28

diff_bpm2i01Y_mean vs slug



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

Left Out: -32.284 $\pm$ 0.544 χ^2 /NDF: 507.1/9

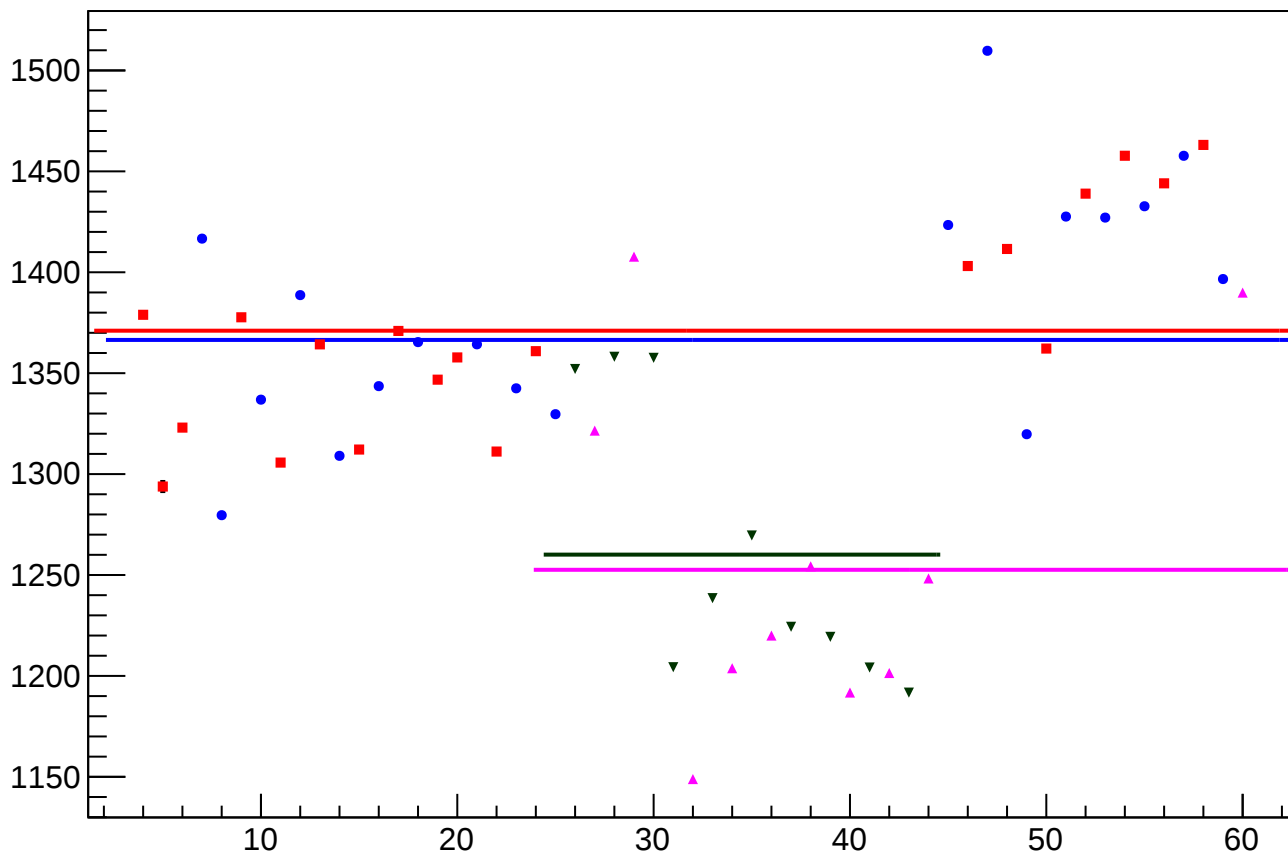
Right Out: -1.724 $\pm$ 0.434 χ^2 /NDF: 1071.7/18

Left In: 30.306 $\pm$ 0.505 χ^2 /NDF: 603.7/9

17.507 $\pm$ 0.326 χ^2 /NDF: 16990.6/27

11.875 $\pm$ 0.329 χ^2 /NDF: 3988.5/28

diff_bpm2i01Y_rms vs slug



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

Left Out: 1260.097 ± 0.385 χ^2/NDF : 27715.7/9

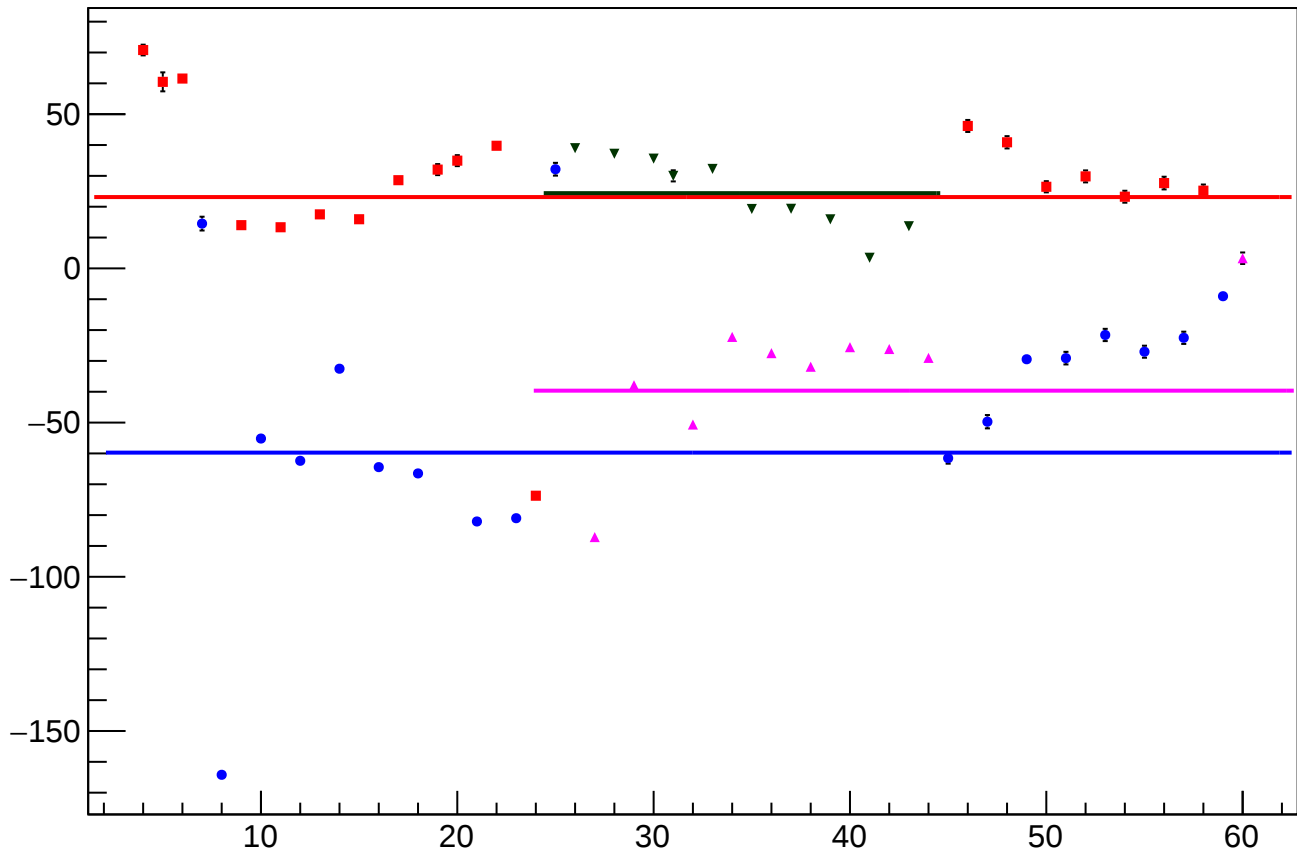
Right Out: 1371.055 ± 0.307 χ^2/NDF : 24860.5/18

Left In: 1252.580 ± 0.357 χ^2/NDF : 57177.3/9

1328.195 ± 0.231 χ^2/NDF : 115285.9/27

1320.754 ± 0.233 χ^2/NDF : 145334.4/28

diff_bpm2i02X_mean vs slug



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

Left Out: 24.394 $\pm$ 0.474 χ^2 /NDF: 609.0/9

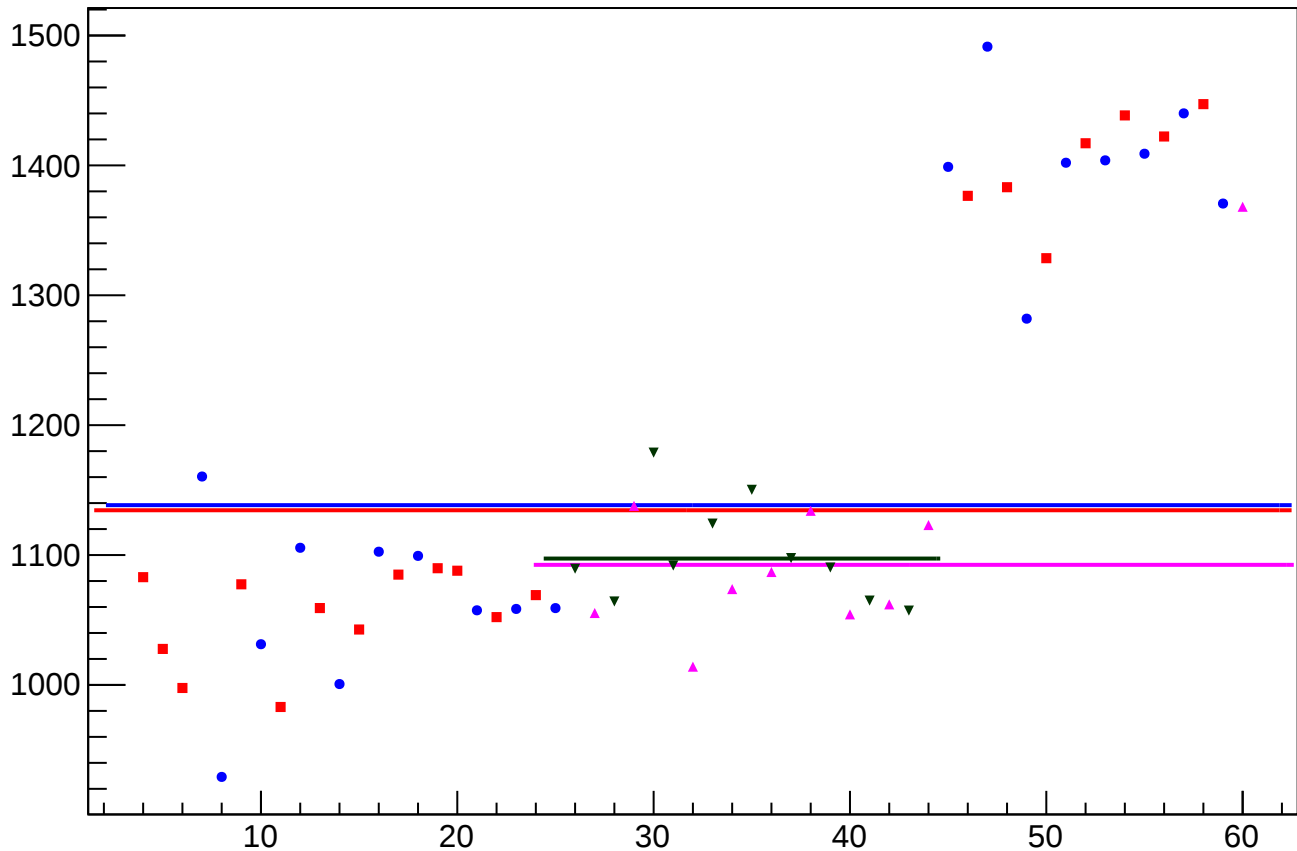
Right Out: 23.126 $\pm$ 0.362 χ^2 /NDF: 7355.2/18

Left In: -39.647 $\pm$ 0.441 χ^2 /NDF: 2805.8/9

-30.772 $\pm$ 0.278 χ^2 /NDF: 40065.9/27

-2.123 $\pm$ 0.280 χ^2 /NDF: 22269.1/28

diff_bpm2i02X_rms vs slug



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

Left Out: 1097.296 $\pm$ 0.335 χ^2 /NDF: 11915.4/9

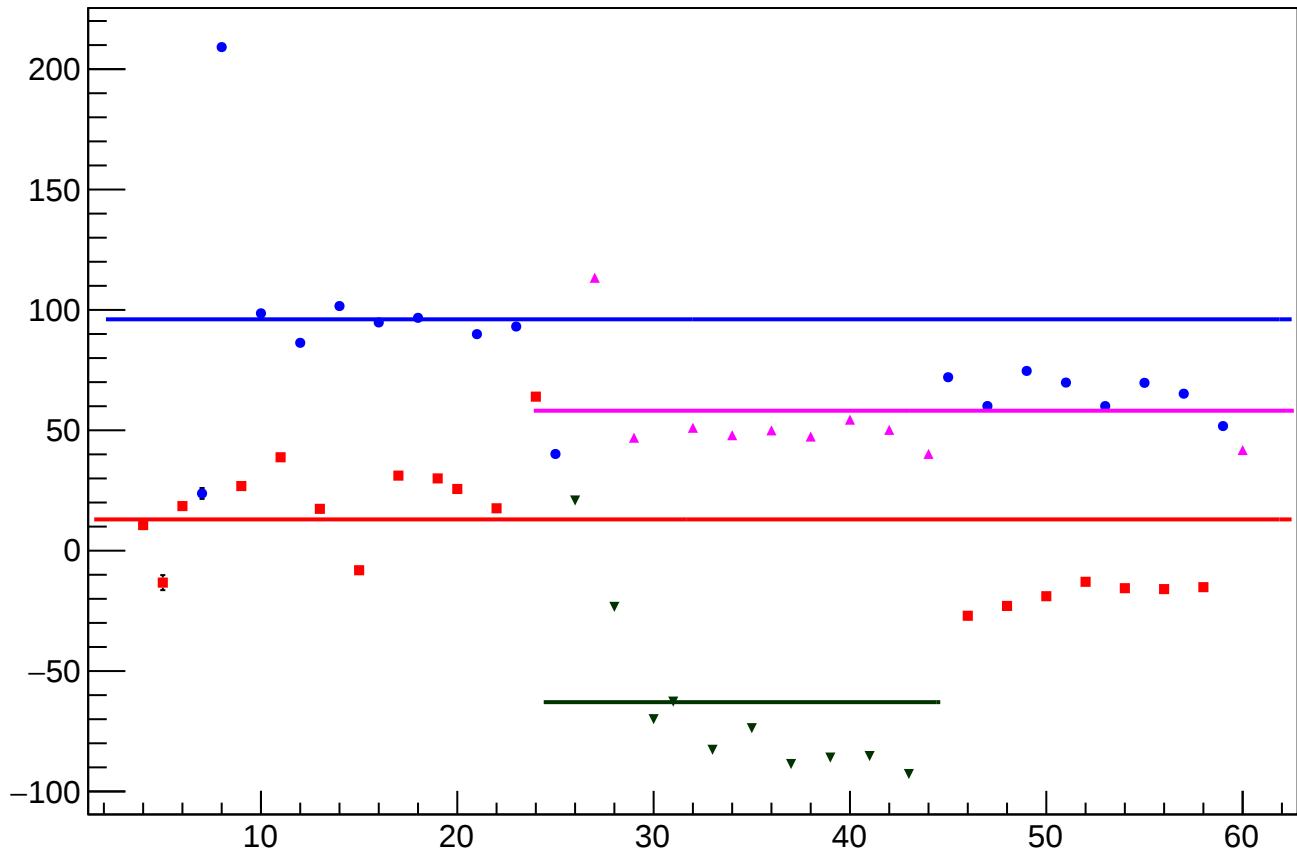
1124.256 $\pm$ 0.196 χ^2 /NDF: 509876.7/27

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

1117.576 $\pm$ 0.198 χ^2 /NDF: 435422.3/28

Left In: 1092.456 $\pm$ 0.312 χ^2 /NDF: 63848.9/9

diff_bpm2i02Y_mean vs slug



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

Left Out: -62.914 $\pm$ 0.478 χ^2 /NDF: 5328.9/9

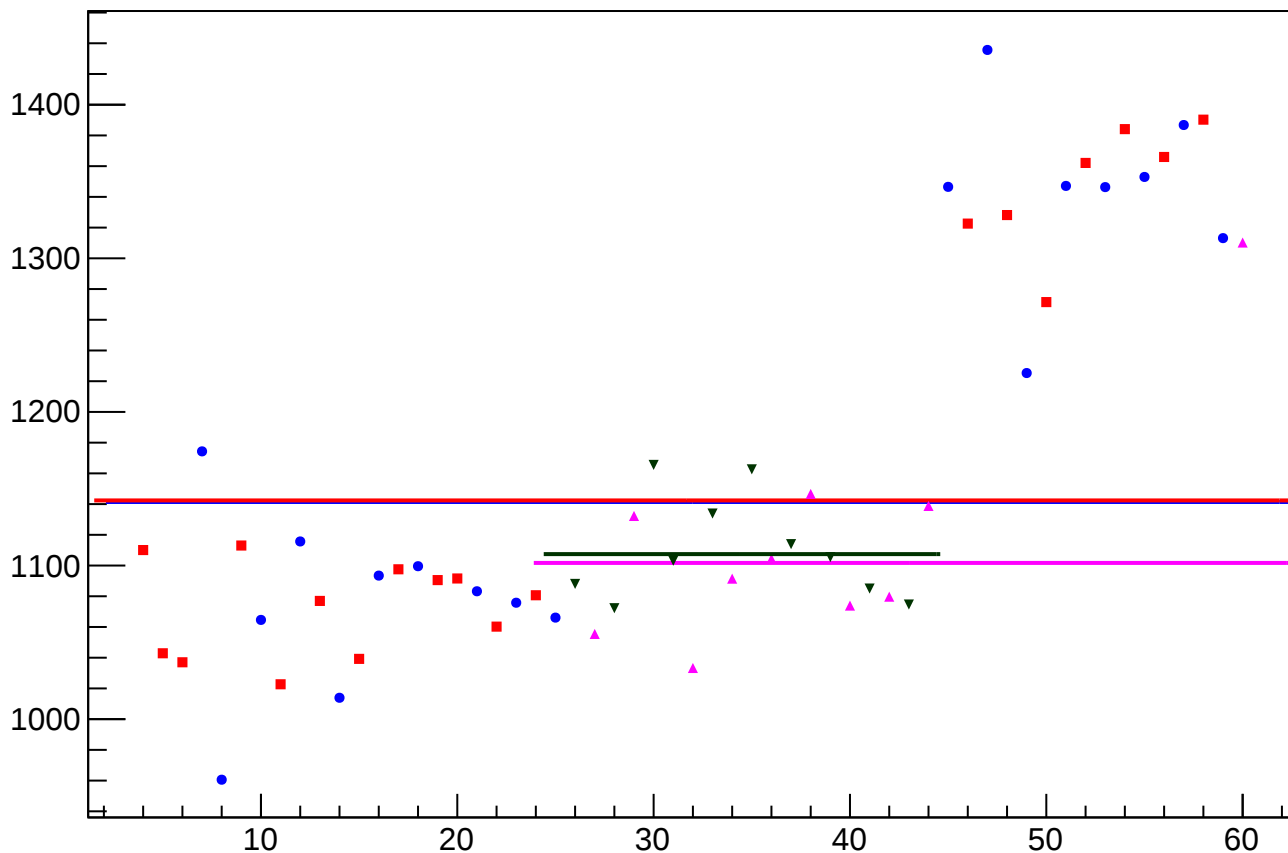
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 58.135 $\pm$ 0.444 χ^2 /NDF: 2829.8/9

42.040 $\pm$ 0.279 χ^2 /NDF: 95557.2/27

31.079 $\pm$ 0.281 χ^2 /NDF: 13558.8/28

diff_bpm2i02Y_rms vs slug



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

Left Out: 1107.440+/-0.338 χ^2/NDF : 8902.6/9

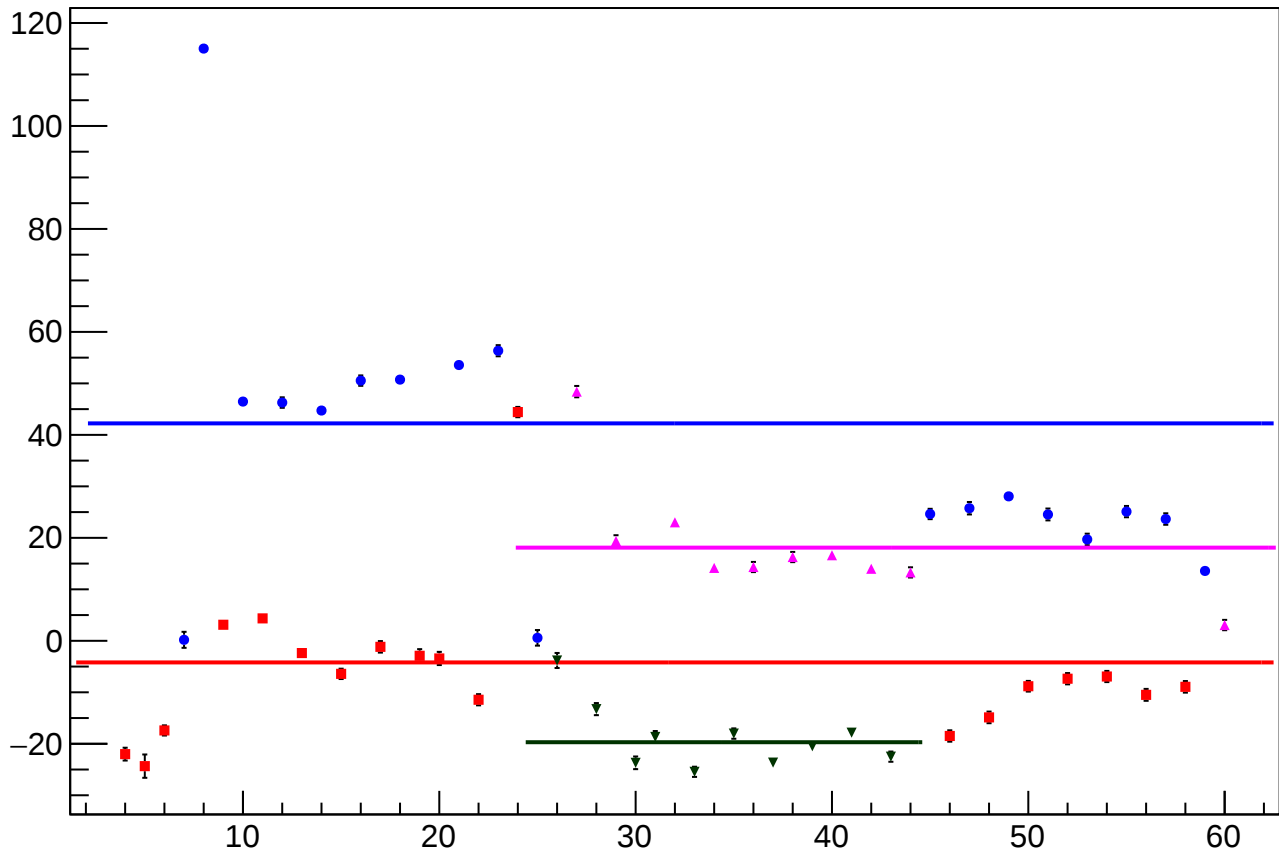
Right Out: 1142.390+/-0.257 χ^2/NDF : 236212.3/18

Left In: 1101.706+/-0.314 χ^2/NDF : 43476.3/9

1129.842+/-0.197 χ^2/NDF : 344870.3/27

1126.089+/-0.199 χ^2/NDF : 289739.6/28

diff_bpm1i04X_mean vs slug



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

Left Out: -19.696+/-0.329 χ^2/NDF : 226.0/9

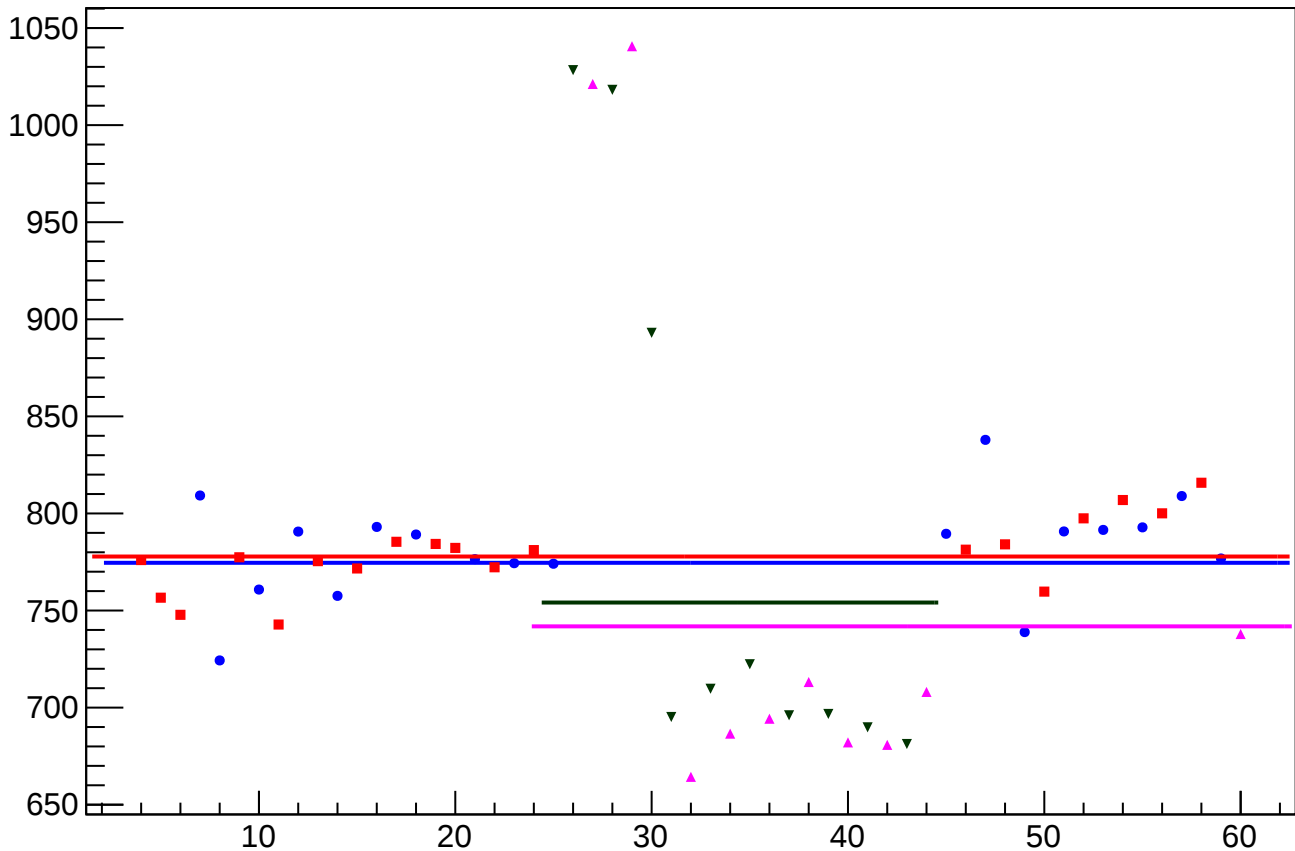
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 18.098+/-0.302 χ^2/NDF : 1109.6/9

21.815+/-0.189 χ^2/NDF : 38237.1/27

4.673+/-0.191 χ^2/NDF : 7762.4/28

diff_bpm1i04X_rms vs slug



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

Left Out: 754.119 ± 0.233 χ^2/NDF : 244495.9/9

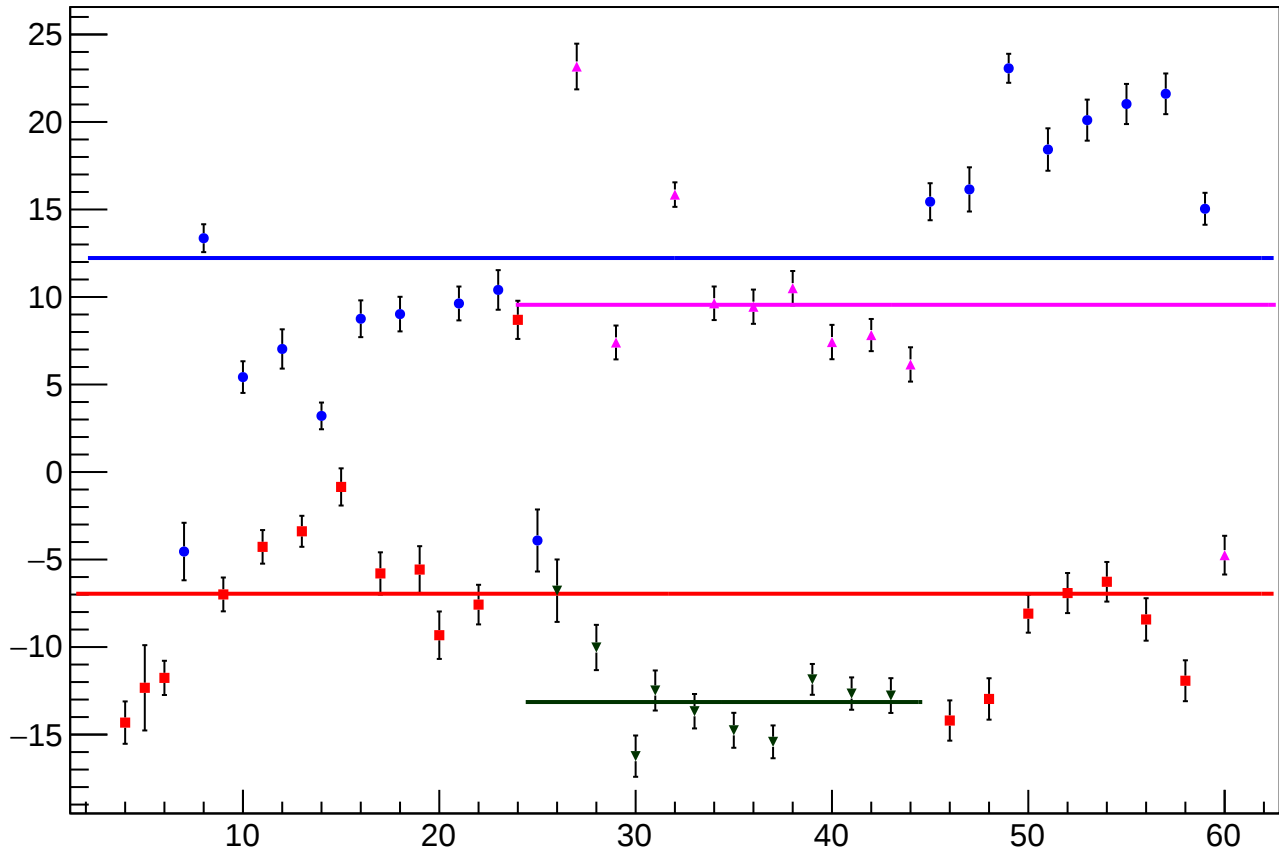
Right Out: 777.816 ± 0.174 χ^2/NDF : 11180.5/18

Left In: 741.848 ± 0.214 χ^2/NDF : 324066.8/9

767.836 ± 0.134 χ^2/NDF : 276036.1/27

763.505 ± 0.135 χ^2/NDF : 352290.7/28

diff_bpm1i04Y_mean vs slug



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

Left Out: -13.141 $\pm$ 0.333 χ^2 /NDF: 37.1/9

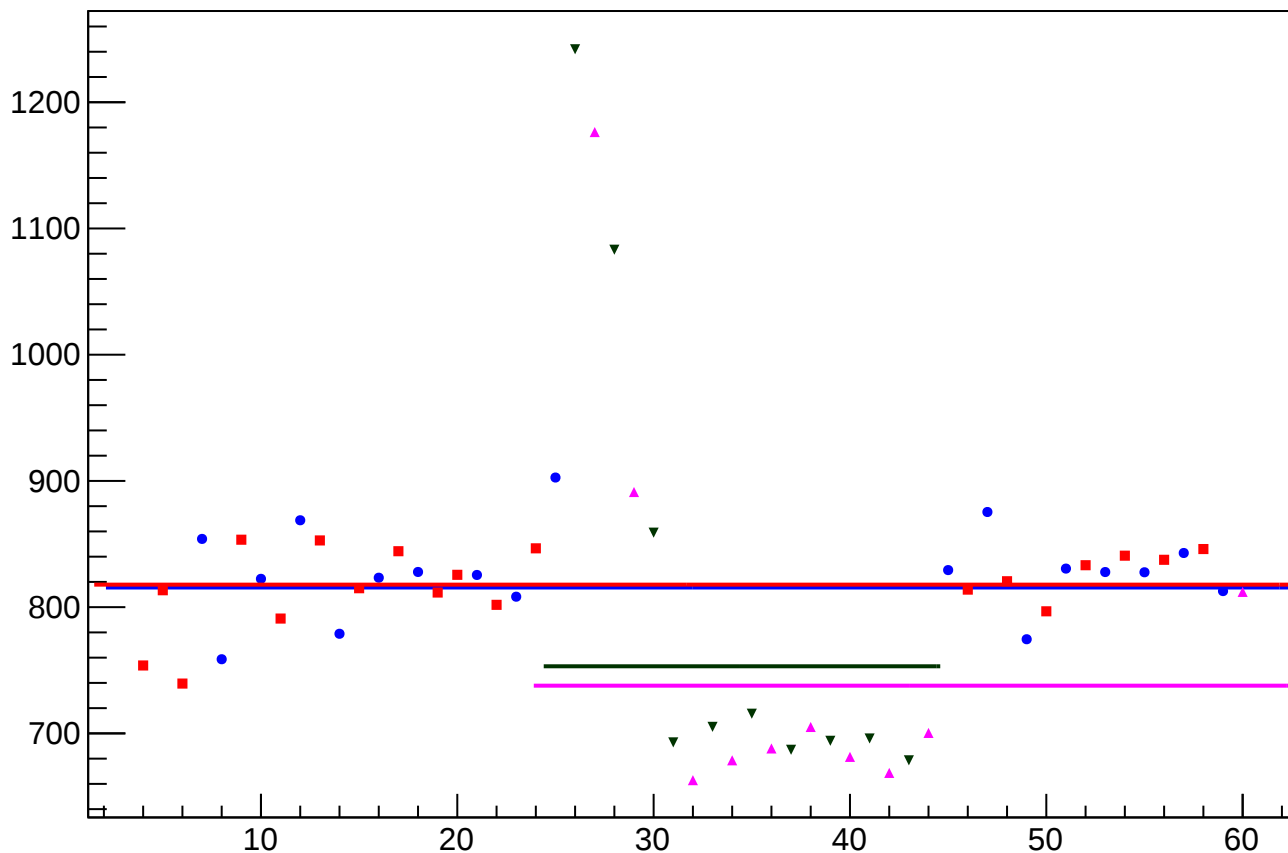
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

Left In: 9.554 $\pm$ 0.302 χ^2 /NDF: 382.8/9

3.375 $\pm$ 0.196 χ^2 /NDF: 4657.3/27

0.036 $\pm$ 0.197 χ^2 /NDF: 2522.8/28

diff_bpm1i04Y_rms vs slug



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

Left Out: 753.162+/-0.235 χ^2/NDF : 347457.9/9

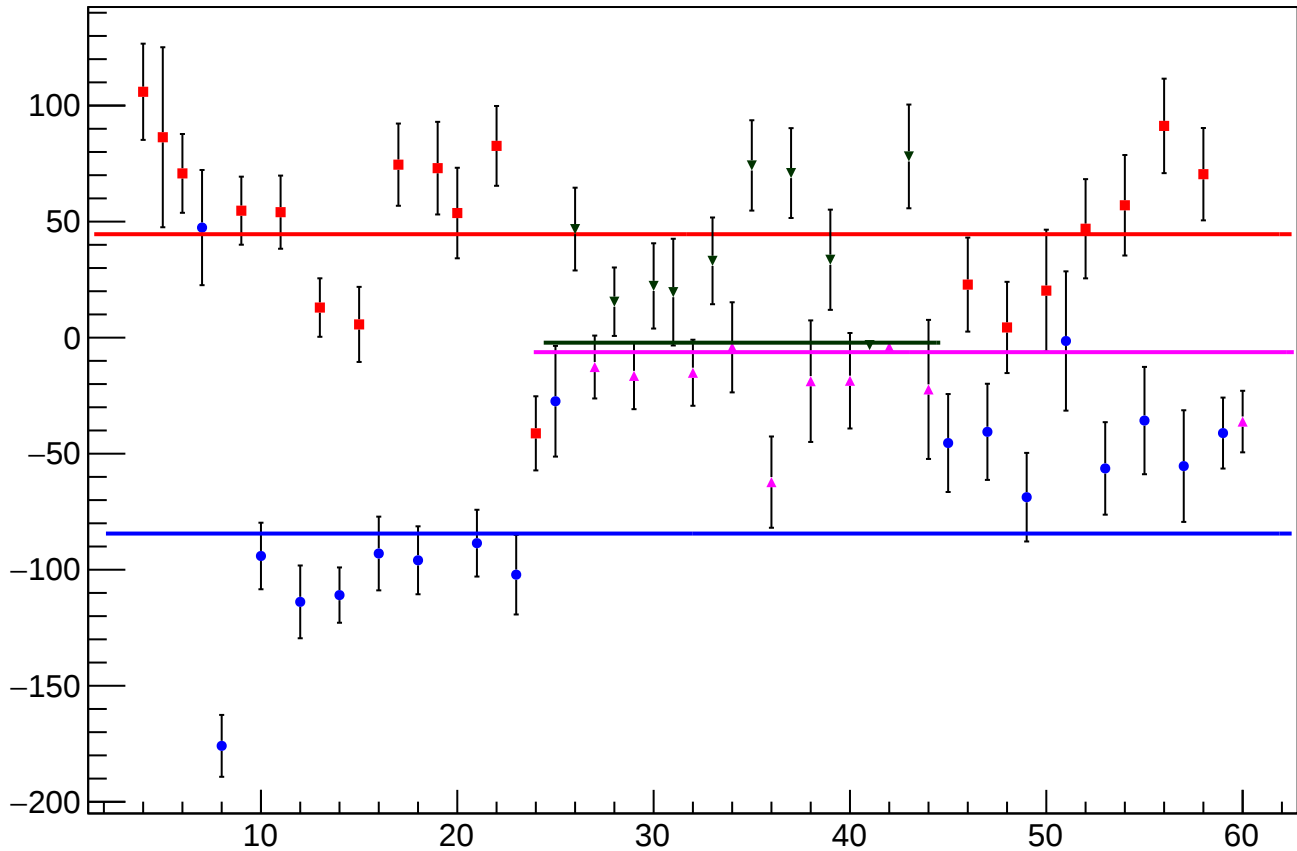
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

Left In: 737.805+/-0.214 χ^2/NDF : 343707.5/9

793.795+/-0.139 χ^2/NDF : 430951.6/27

783.954+/-0.139 χ^2/NDF : 456944.7/28

diff_bpm0l02X_mean vs slug



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

Left Out: -2.165 $\pm$ 0.972 $\chi^2/\text{NDF}: 61.6/9$

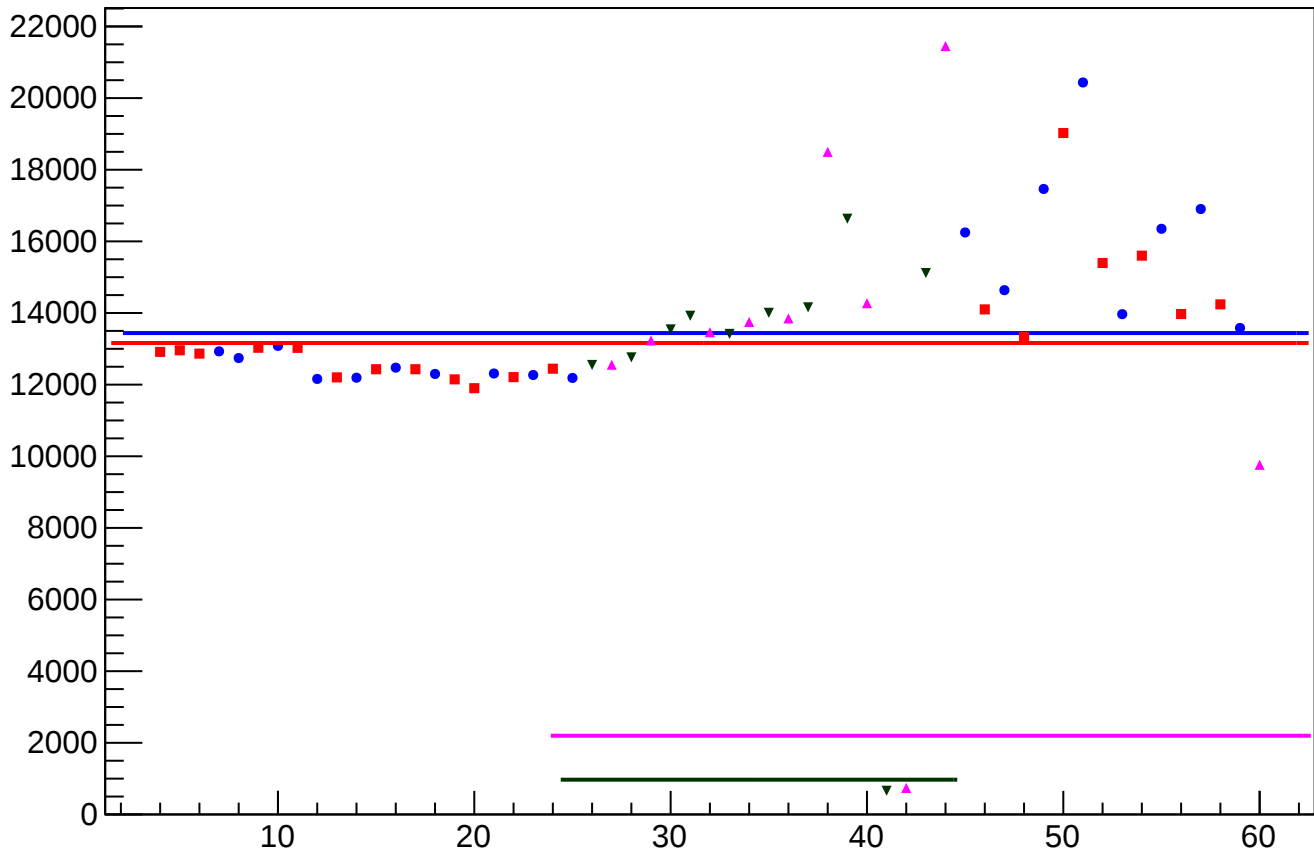
Right Out: 44.573 $\pm$ 4.203 $\chi^2/\text{NDF}: 77.6/18$

Left In: -6.251 $\pm$ 1.937 $\chi^2/\text{NDF}: 16.3/9$

-6.622 $\pm$ 0.945 $\chi^2/\text{NDF}: 573.9/27$

2.654 $\pm$ 1.759 $\chi^2/\text{NDF}: 214.5/28$

diff_bpm0l02X_rms vs slug



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

Left Out: 970.582+/-0.687 χ^2/NDF :8456735.2/9

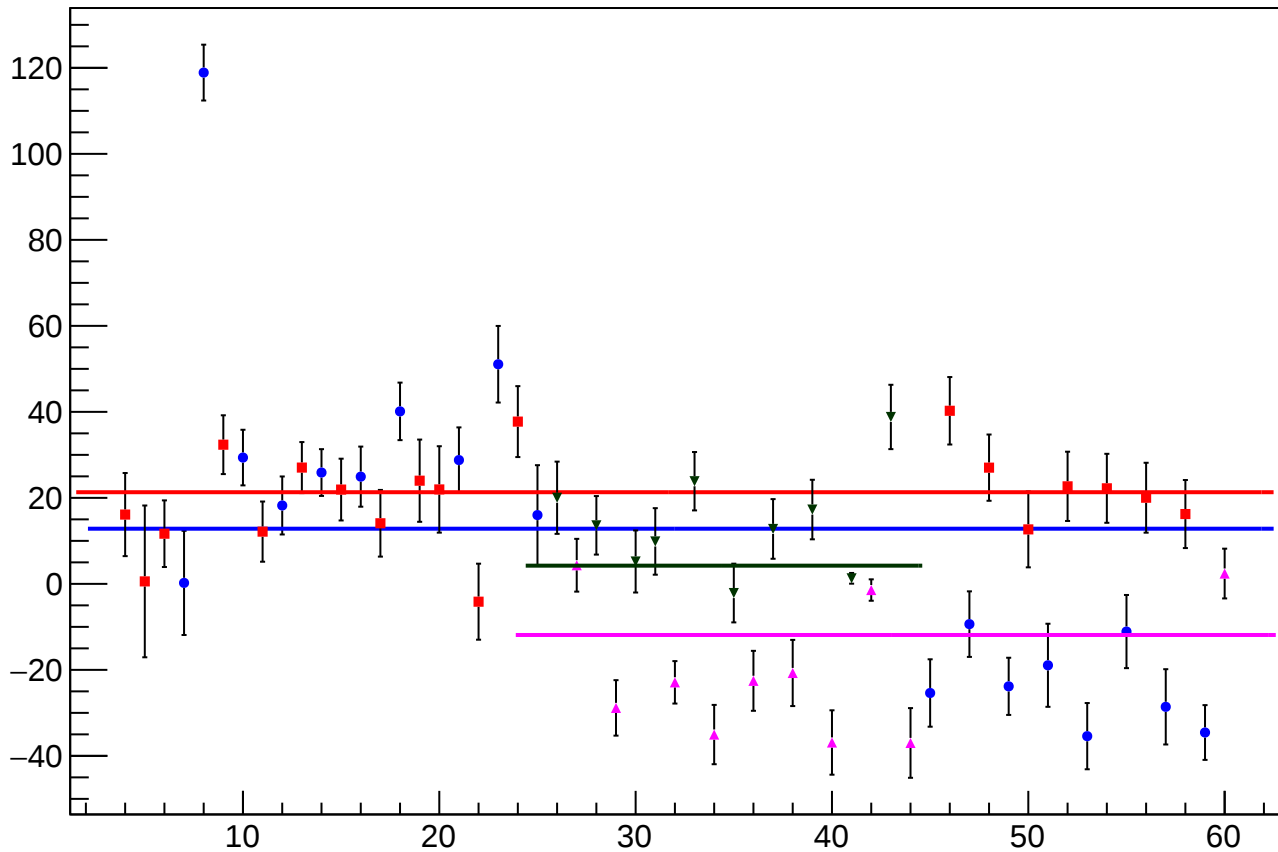
1646.322+/-0.668 χ^2/NDF : 26705126.3/27

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

4119.404+/-1.244 χ^2/NDF : 20388079.6/28

Left In: 2198.158+/-1.370 χ^2/NDF :8955305.6/9

diff_bpm0l02Y_mean vs slug



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

Left Out: 4.234 $\pm$ 1.105 χ^2 /NDF: 47.2/9

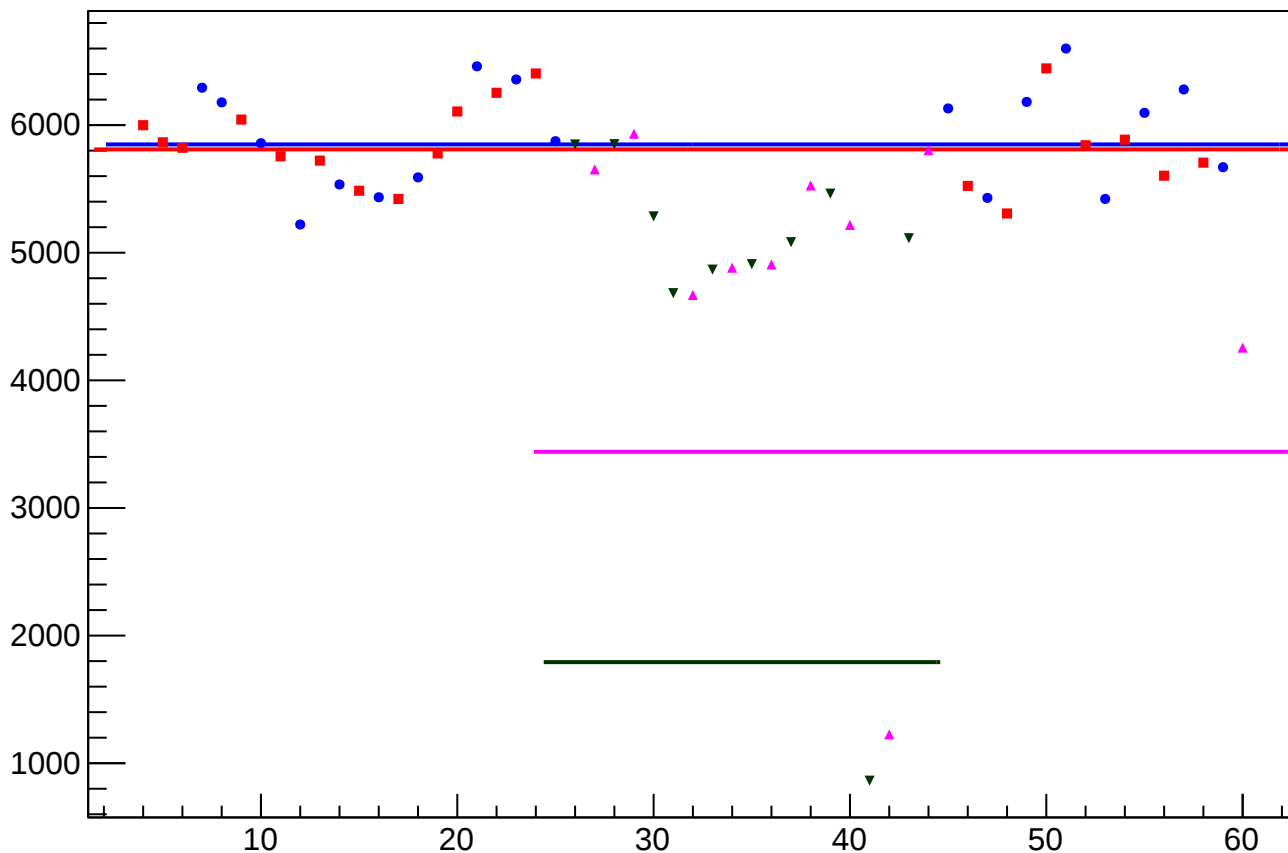
Right Out: 21.314 $\pm$ 1.847 χ^2 /NDF: 29.5/18

Left In: -11.887 $\pm$ 1.634 χ^2 /NDF: 78.3/9

6.680 $\pm$ 0.935 χ^2 /NDF: 586.2/27

2.694 $\pm$ 1.224 χ^2 /NDF: 289.0/28

diff_bpm0l02Y_rms vs slug



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

Left Out: 1792.038+/-0.782 χ^2/NDF : 5271430.0/9

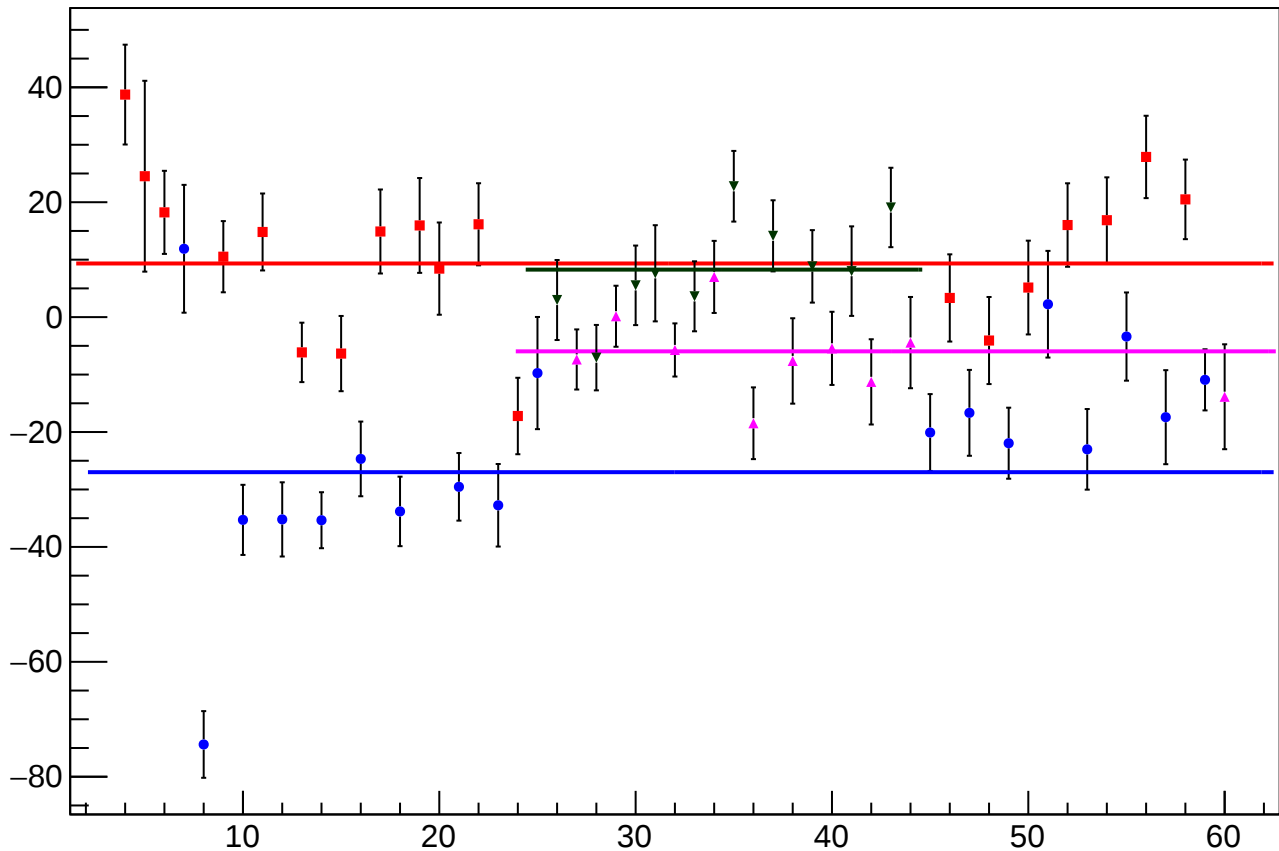
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3439.929+/-1.156 χ^2/NDF : 2909449.5/9

2946.577+/-0.661 χ^2/NDF : 13040068.9/27

4480.713+/-0.866 χ^2/NDF : 4809321.4/28

diff_bpm0l03X_mean vs slug



Right In: -26.989 ± 1.569 χ^2/NDF : 124.5/17

Left Out: 8.269 ± 2.091 χ^2/NDF : 17.5/9

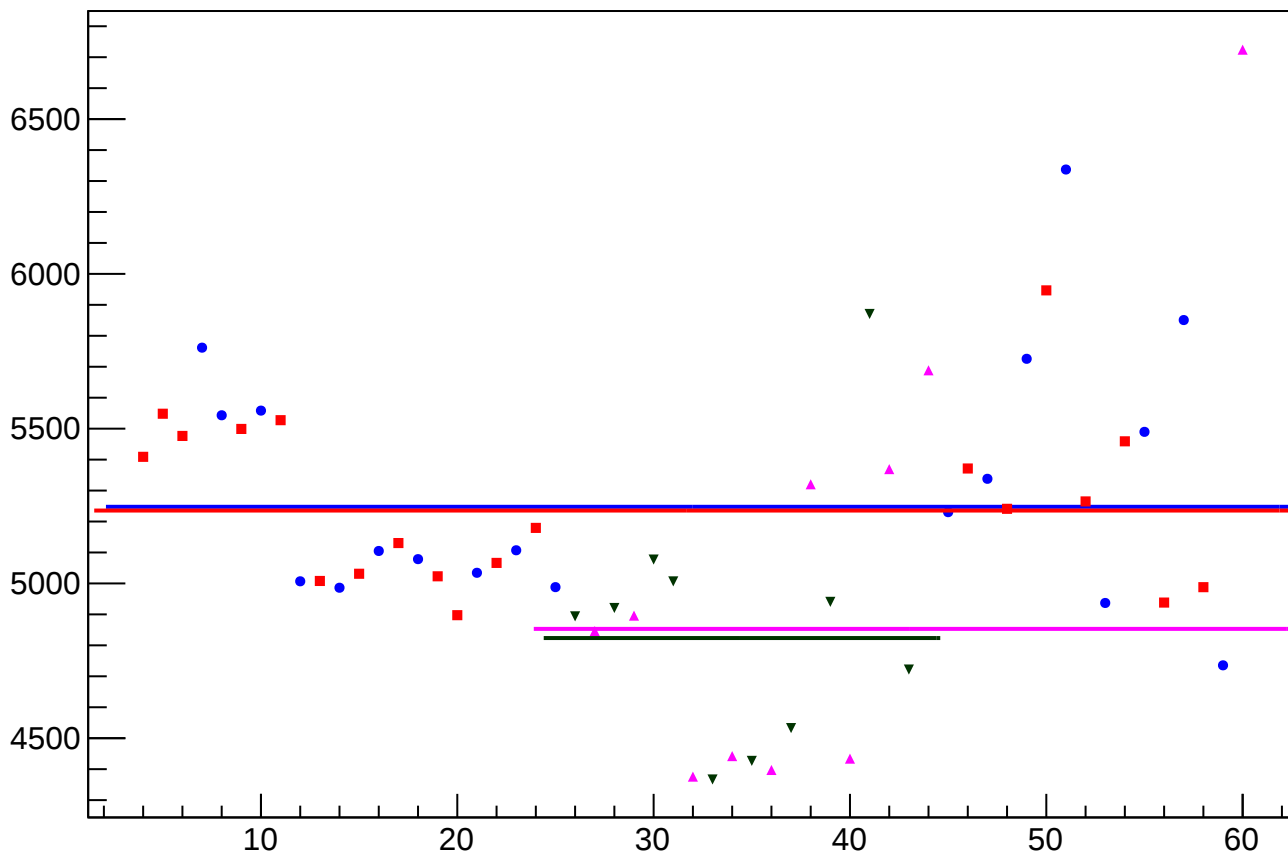
Right Out: 9.337 ± 1.659 χ^2/NDF : 62.4/18

Left In: -5.958 ± 1.967 χ^2/NDF : 11.0/9

-14.287 ± 1.255 χ^2/NDF : 323.8/27

2.975 ± 1.268 χ^2/NDF : 108.8/28

diff_bpm0l03X_rms vs slug



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

Left Out: 4823.564+/-1.479 χ^2/NDF : 65634.4/9

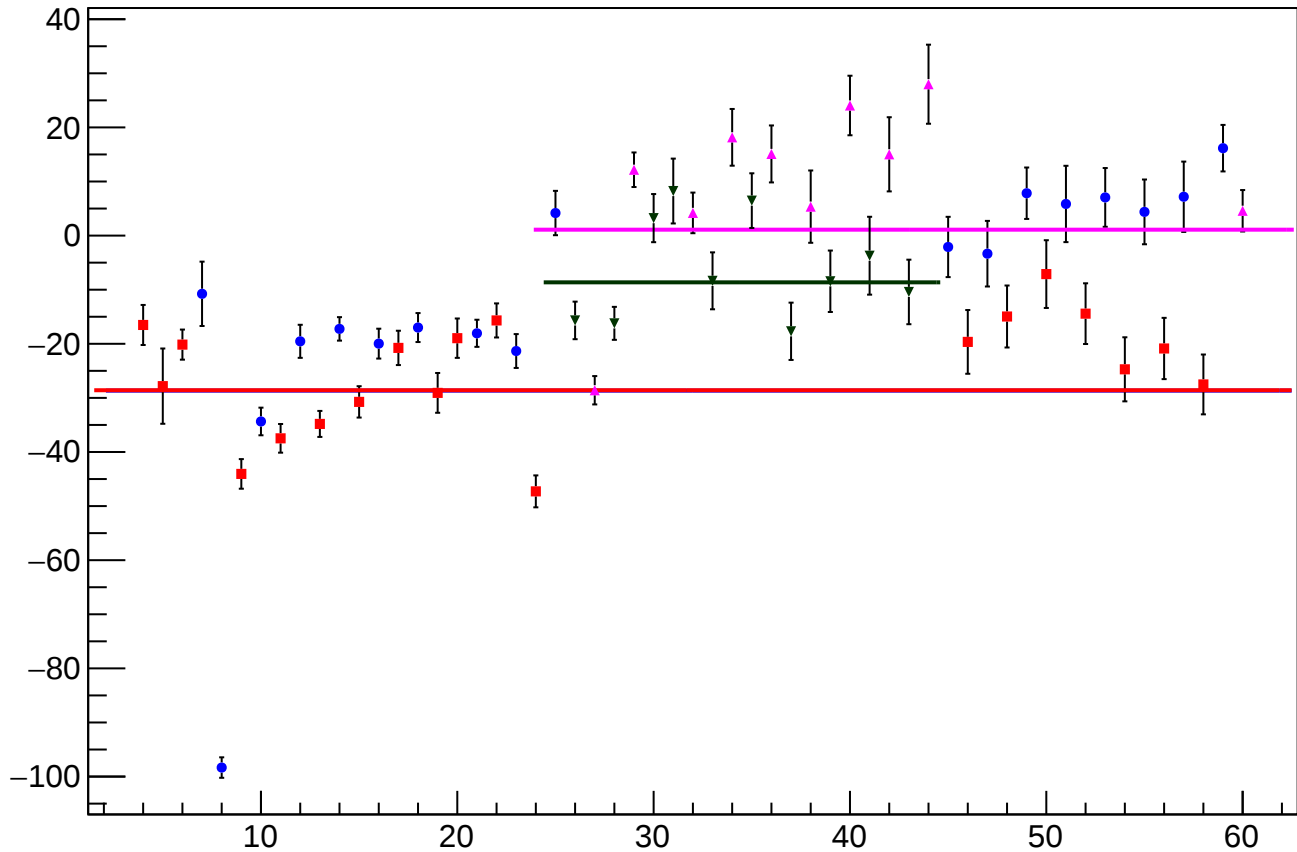
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 4853.180+/-1.391 χ^2/NDF : 173038.7/9

5094.826+/-0.888 χ^2/NDF : 223852.3/27

5076.474+/-0.897 χ^2/NDF : 264345.9/28

diff_bpm0l03Y_mean vs slug



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

Left Out: -8.640 $\pm$ 1.477 χ^2 /NDF: 37.8/9

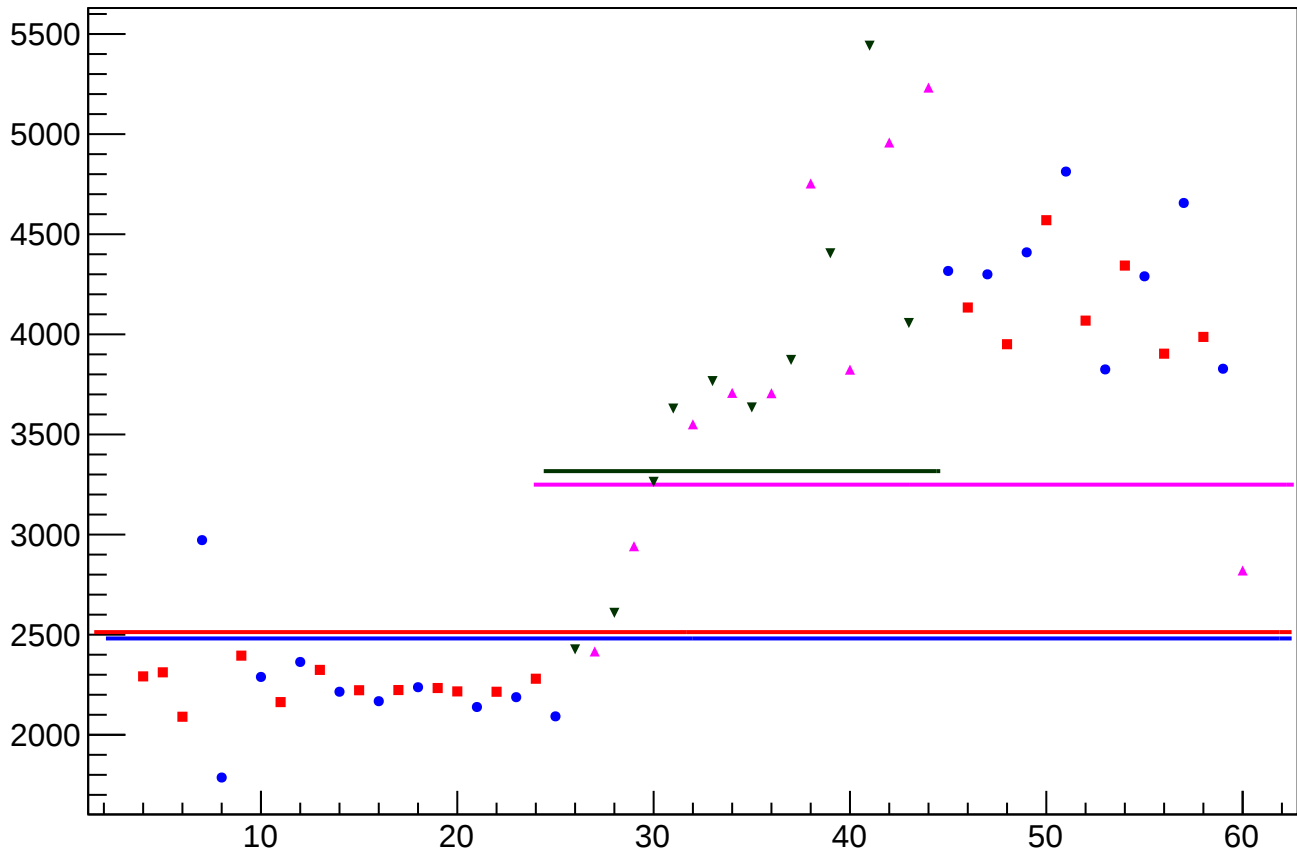
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 1.094 $\pm$ 1.348 χ^2 /NDF: 195.0/9

-24.275 $\pm$ 0.691 χ^2 /NDF: 2038.7/27

-20.474 $\pm$ 0.705 χ^2 /NDF: 716.1/28

diff_bpm0l03Y_rms vs slug



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

Left Out: 3316.868 $\pm$ 1.044 χ^2 /NDF:568076.0/9

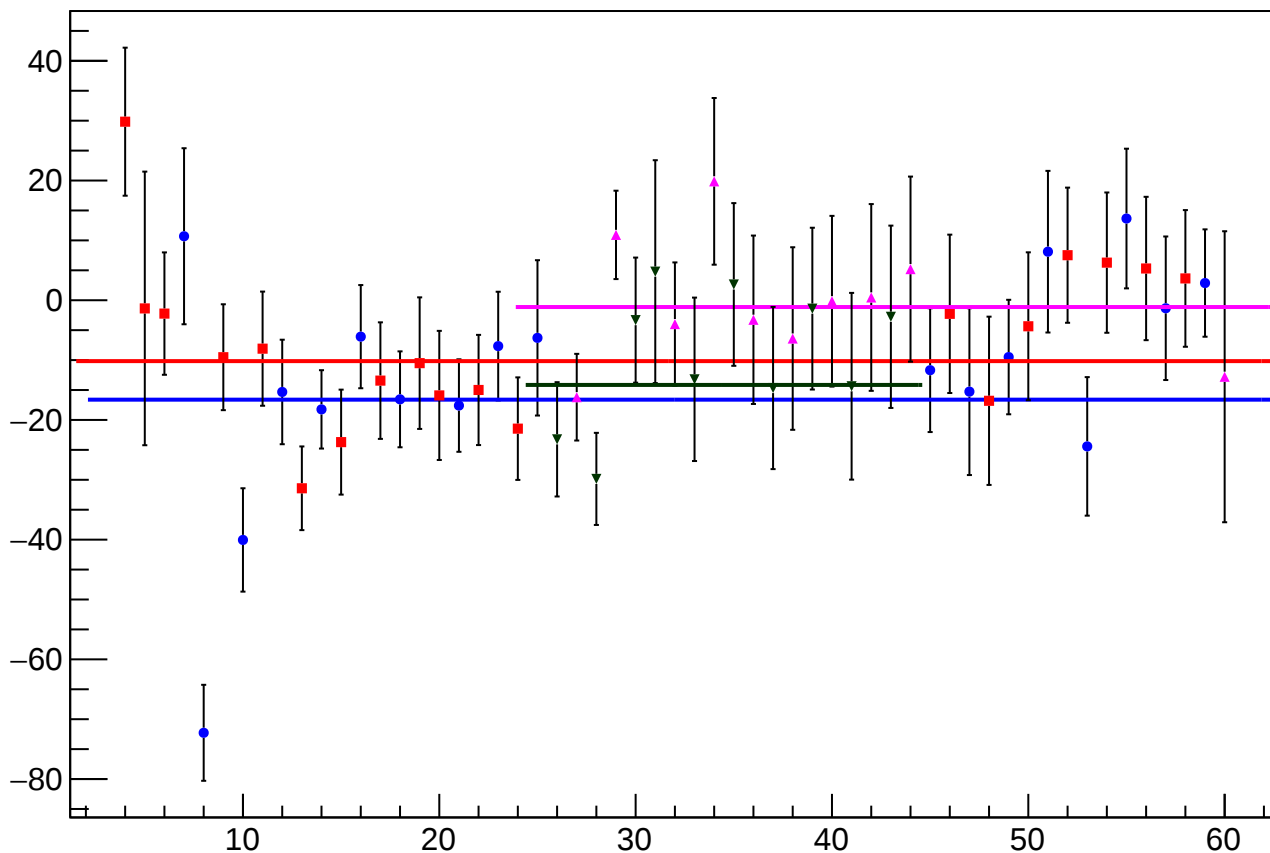
2664.156 $\pm$ 0.489 χ^2 /NDF: 3180432.2/27

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

2714.179 $\pm$ 0.498 χ^2 /NDF: 2416300.0/28

Left In: 3249.380 $\pm$ 0.953 χ^2 /NDF:683701.2/9

diff_bpm0l04X_mean vs slug



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

Left Out: -14.150 ± 3.779 $\chi^2/\text{NDF}: 10.2/9$

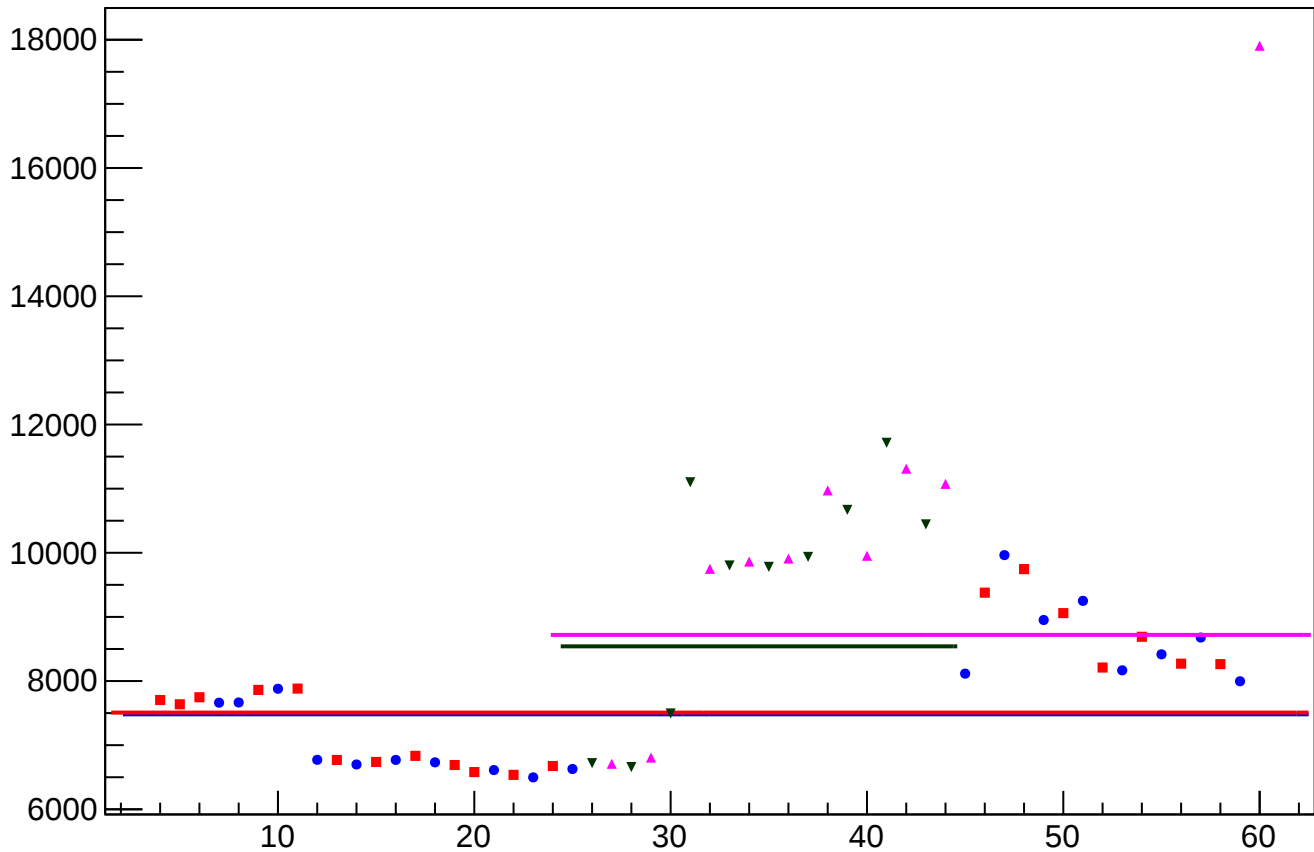
Right Out: -10.172 ± 2.389 $\chi^2/\text{NDF}: 33.7/18$

Left In: -1.135 ± 3.621 $\chi^2/\text{NDF}: 9.9/9$

-15.971 ± 1.928 $\chi^2/\text{NDF}: 90.3/27$

-7.431 ± 1.994 $\chi^2/\text{NDF}: 47.9/28$

diff_bpm0l04X_rms vs slug



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

Left Out: 8541.053+/-2.672 χ^2/NDF : 468689.9/9

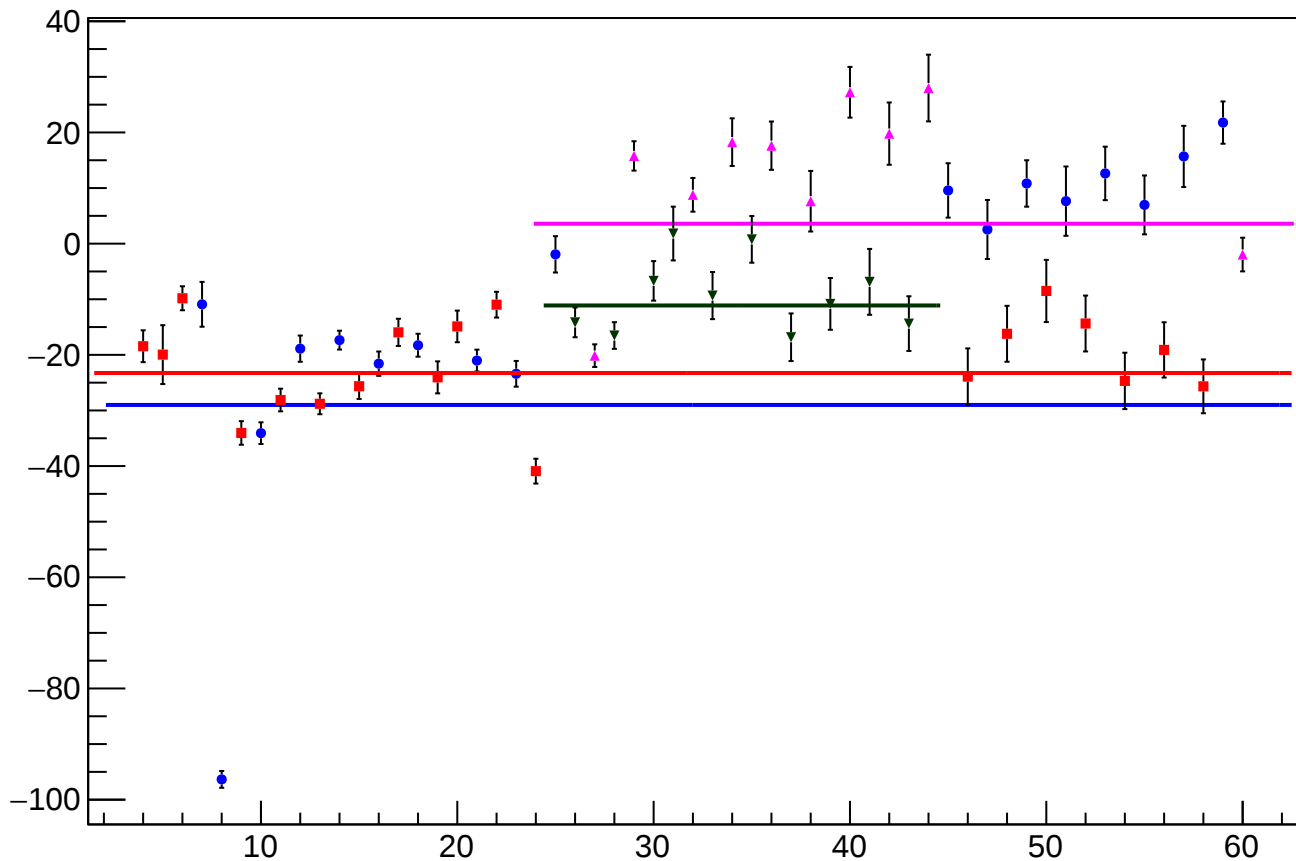
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 8719.534+/-2.561 χ^2/NDF : 781938.2/9

7756.709+/-1.363 χ^2/NDF : 920018.3/27

7875.541+/-1.410 χ^2/NDF : 1227295.8/28

diff_bpm0l04Y_mean vs slug



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

Left Out: -11.117+/-1.180 χ^2/NDF : 26.0/9

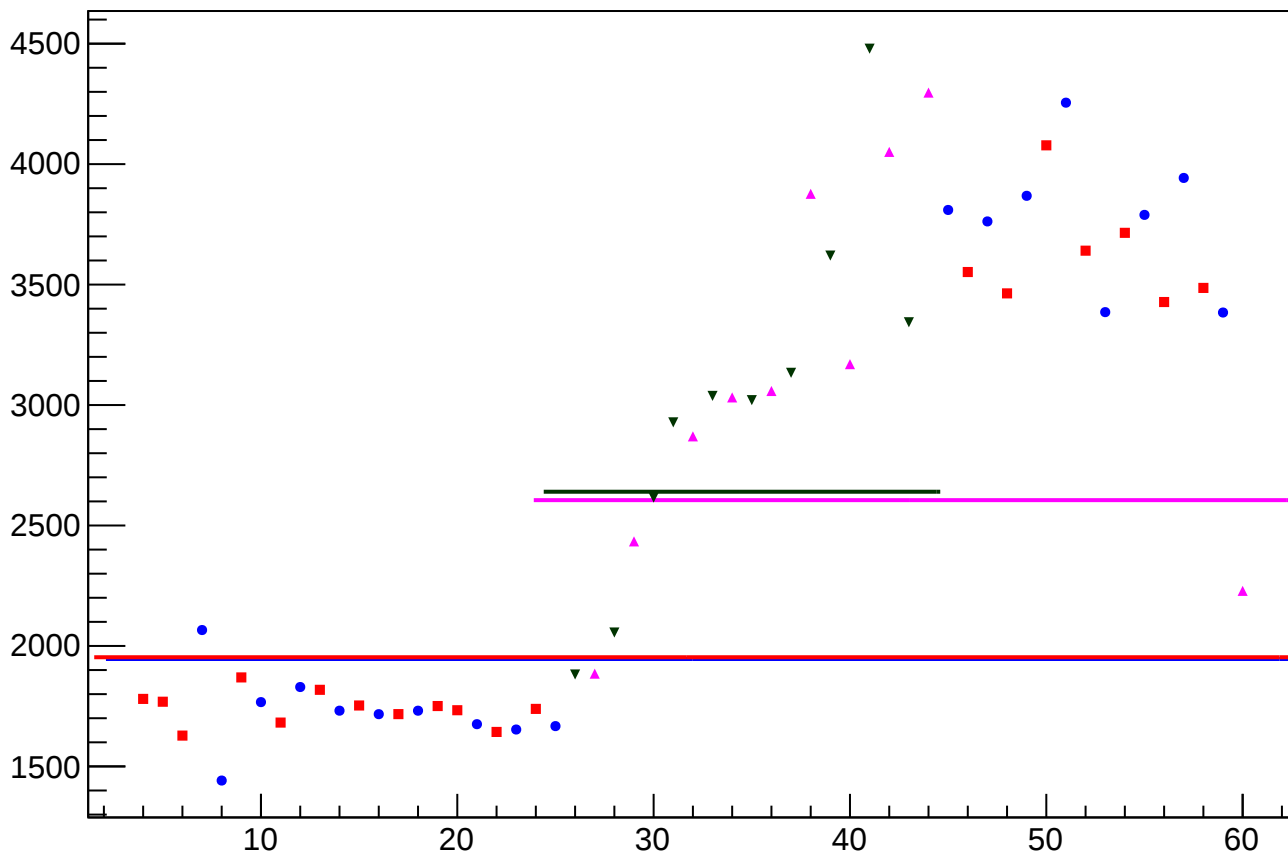
Right Out: -23.263+/-0.648 χ^2/NDF : 204.8/18

Left In: 3.584+/-1.084 χ^2/NDF : 237.6/9

-25.153+/-0.548 χ^2/NDF : 2998.4/27

-16.199+/-0.556 χ^2/NDF : 894.1/28

diff_bpm0l04Y_rms vs slug



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

Left Out: 2640.174+/-0.834 χ^2/NDF : 669513.9/9

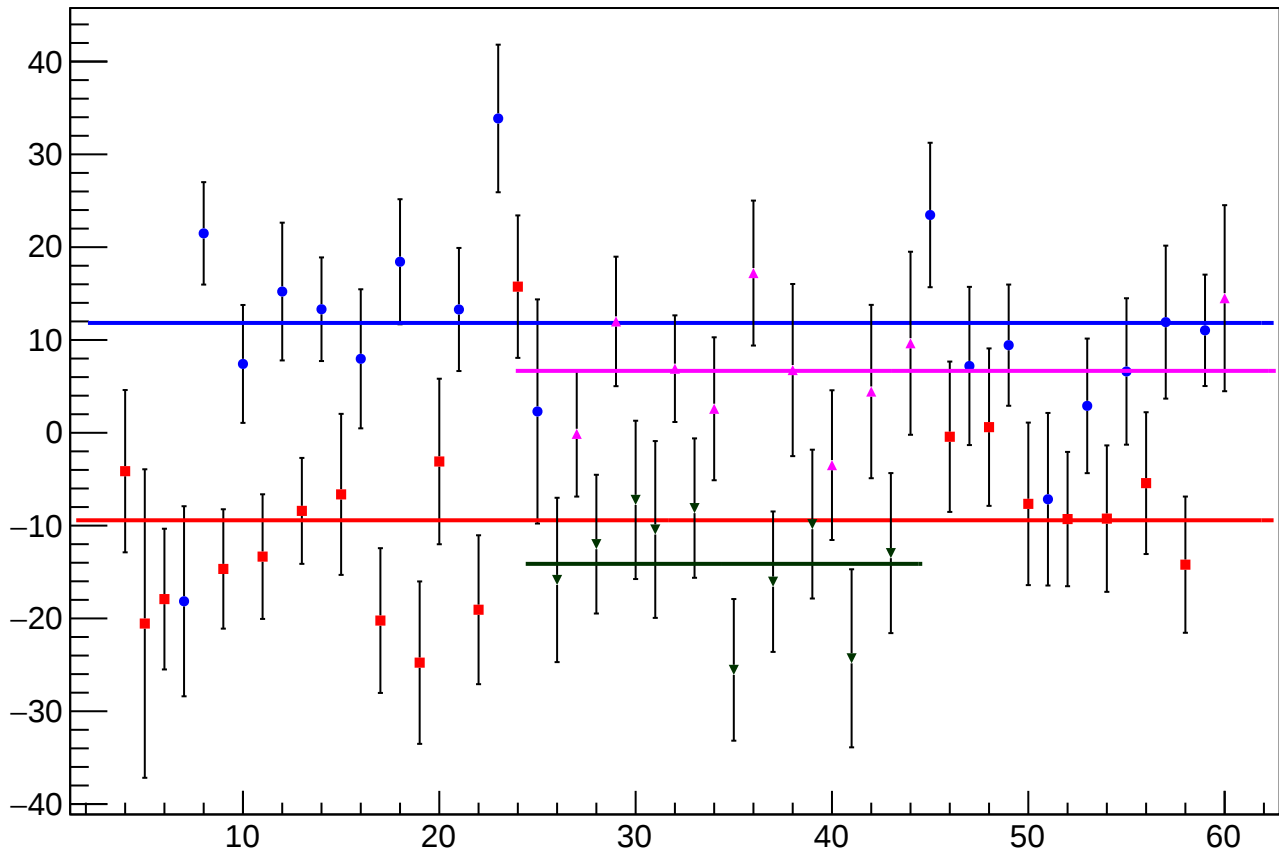
Right Out: 1953.157+/-0.458 χ^2/NDF : 1725858.1/18

Left In: 2605.238+/-0.767 χ^2/NDF : 777575.6/9

2095.462+/-0.387 χ^2/NDF : 3812340.0/27

2124.726+/-0.393 χ^2/NDF : 3036382.5/28

diff_bpm0l05X_mean vs slug



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

Left Out: -14.120 ± 2.602 $\chi^2/\text{NDF}: 5.3/9$

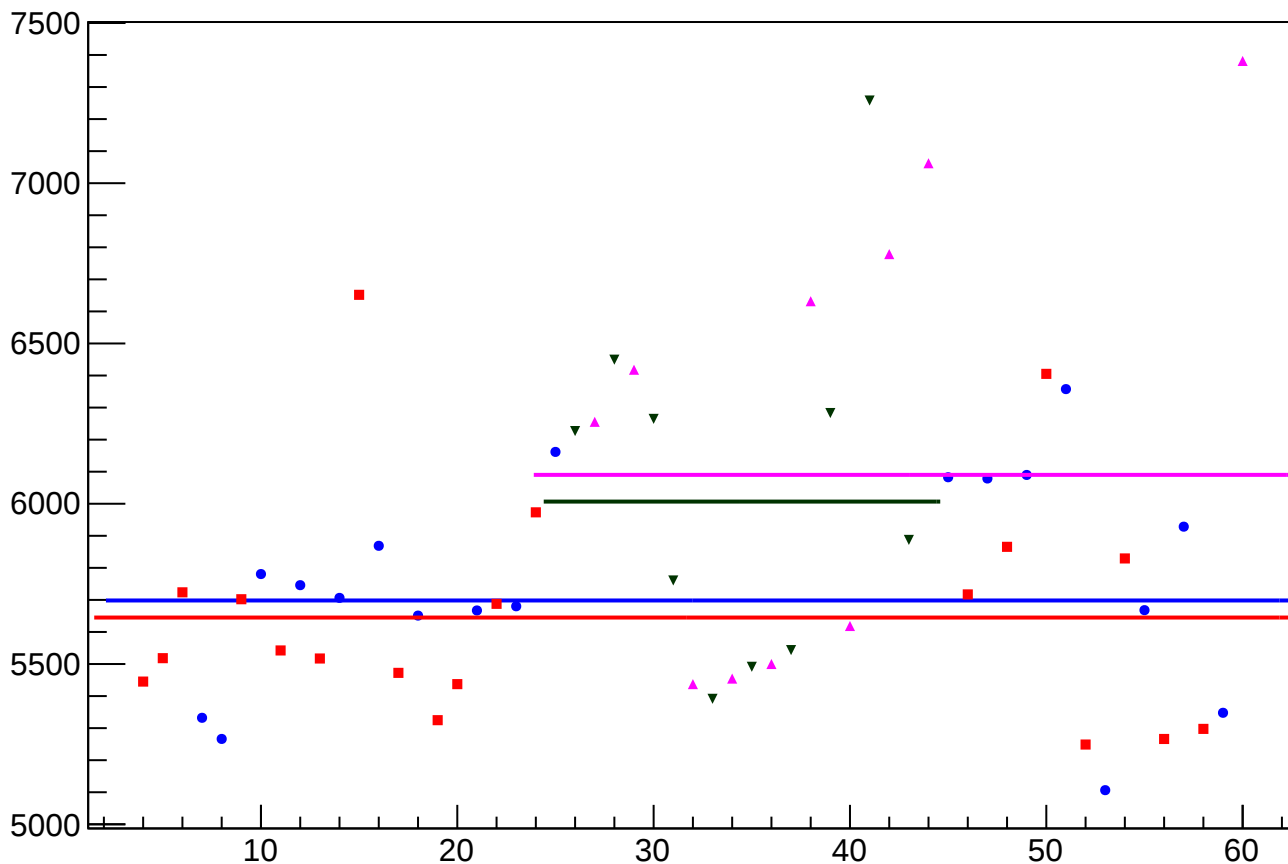
Right Out: -9.425 ± 1.790 $\chi^2/\text{NDF}: 24.3/18$

Left In: 6.672 ± 2.464 $\chi^2/\text{NDF}: 6.0/9$

4.065 ± 1.424 $\chi^2/\text{NDF}: 105.8/27$

-3.865 ± 1.448 $\chi^2/\text{NDF}: 58.3/28$

diff_bpm0l05X_rms vs slug



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

Left Out: 6006.744+/-1.840 χ^2/NDF : 78250.5/9

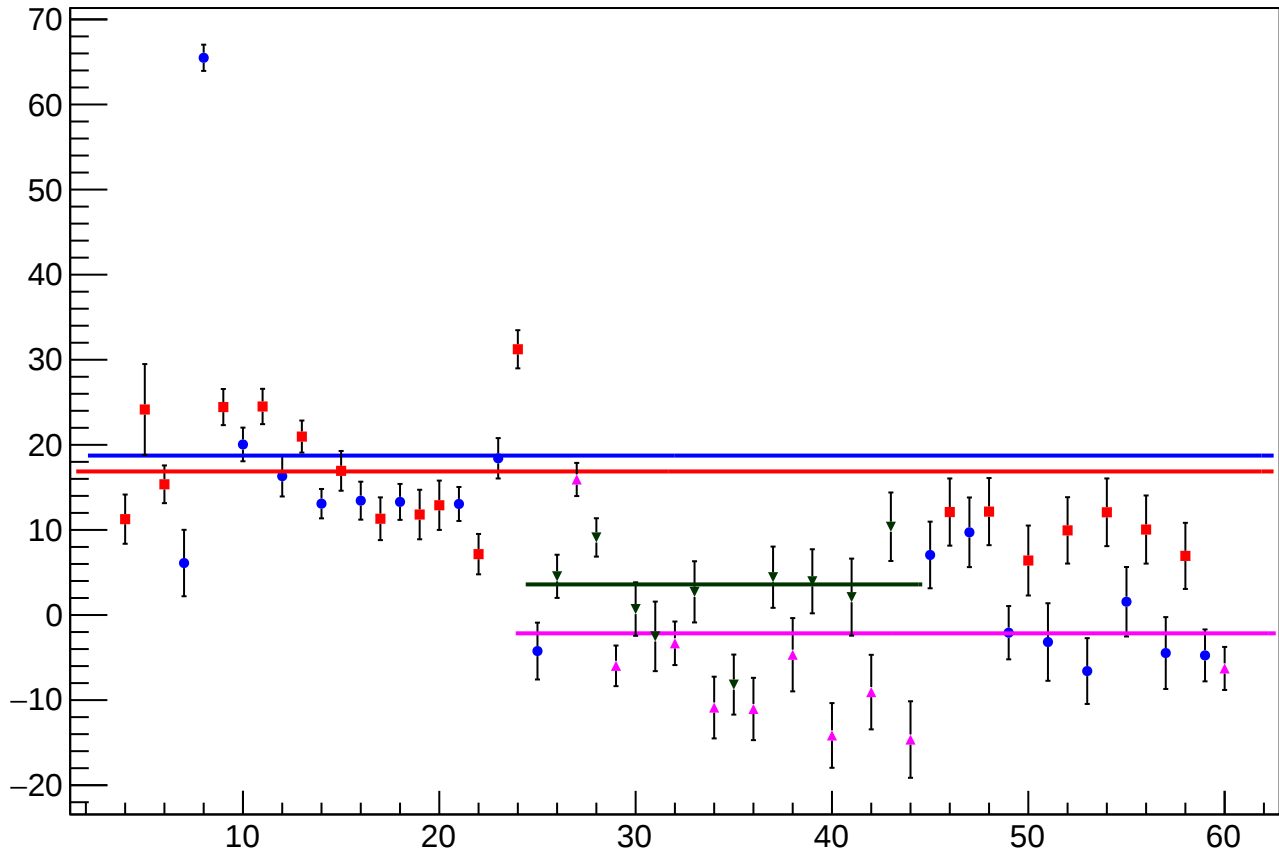
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6090.086+/-1.742 χ^2/NDF : 133643.7/9

5790.622+/-1.007 χ^2/NDF : 165162.3/27

5798.738+/-1.024 χ^2/NDF : 247833.0/28

diff_bpm0l05Y_mean vs slug



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

Left Out: 3.596 $\pm$ 1.037 χ^2 /NDF:23.4/9

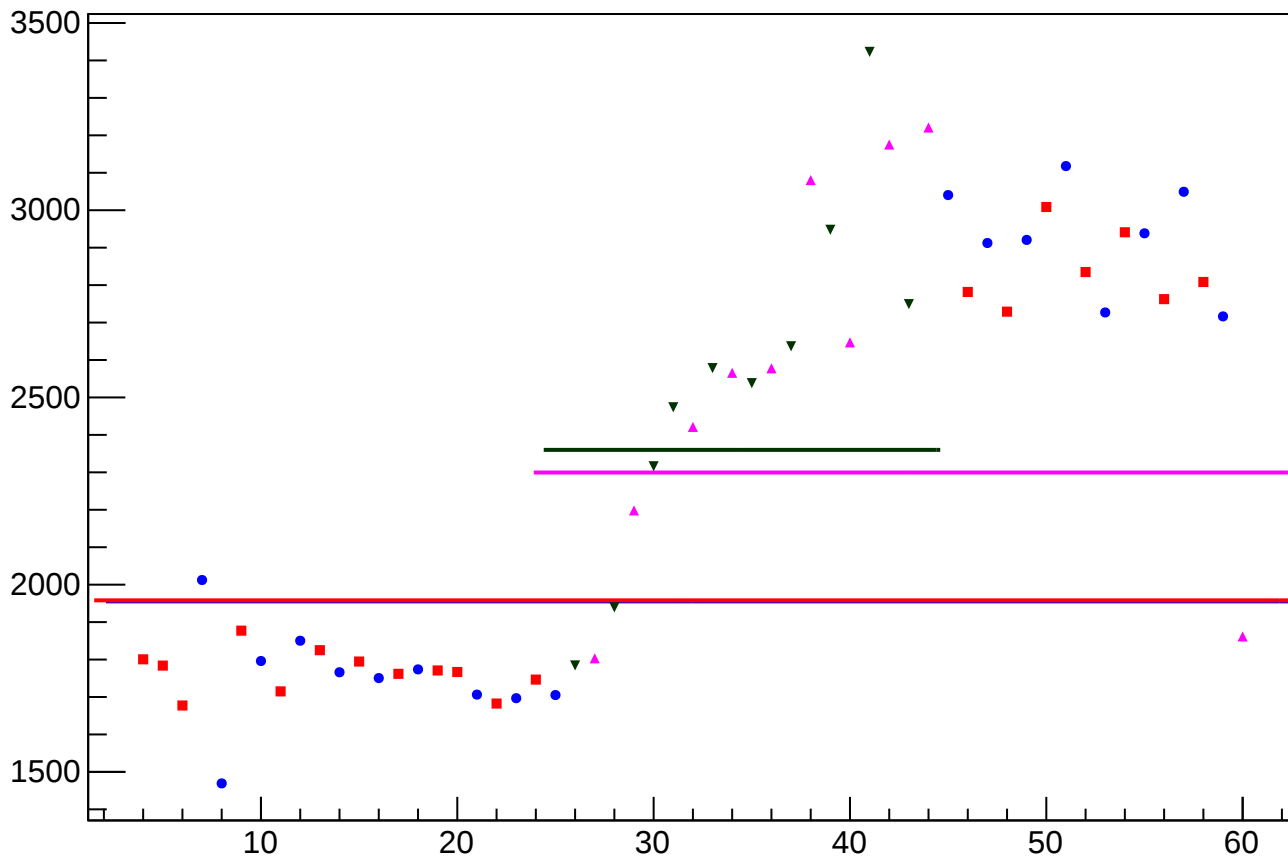
Right Out: 16.874 $\pm$ 0.633 χ^2 /NDF: 128.0/18

Left In: -2.152 $\pm$ 0.943 χ^2 /NDF:123.8/9

14.926 $\pm$ 0.520 χ^2 /NDF: 1424.2/27

10.965 $\pm$ 0.526 χ^2 /NDF: 532.2/28

diff_bpm0l05Y_rms vs slug



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

Left Out: 2359.972 $\pm$ 0.733 χ^2 /NDF: 376681.6/9

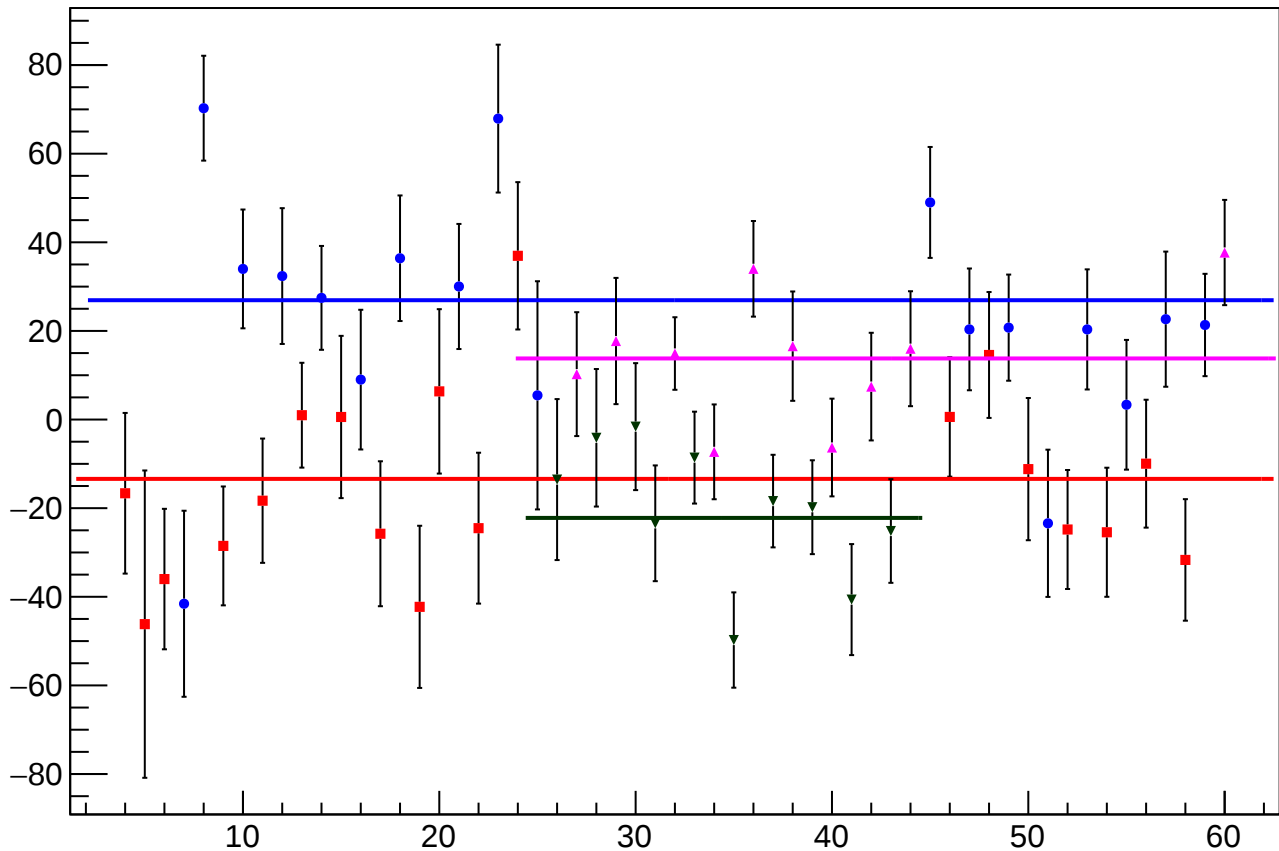
Right Out: 1958.115 $\pm$ 0.448 χ^2 /NDF: 858074.3/18

Left In: 2299.537 $\pm$ 0.667 χ^2 /NDF: 466556.4/9

2057.227 $\pm$ 0.368 χ^2 /NDF: 1980053.3/27

2064.153 $\pm$ 0.372 χ^2 /NDF: 1505212.0/28

diff_bpm0l06X_mean vs slug



Right In: 26.931 ± 3.337 $\chi^2/\text{NDF}: 48.9/17$

Left Out: -22.199 ± 3.845 $\chi^2/\text{NDF}: 14.4/9$

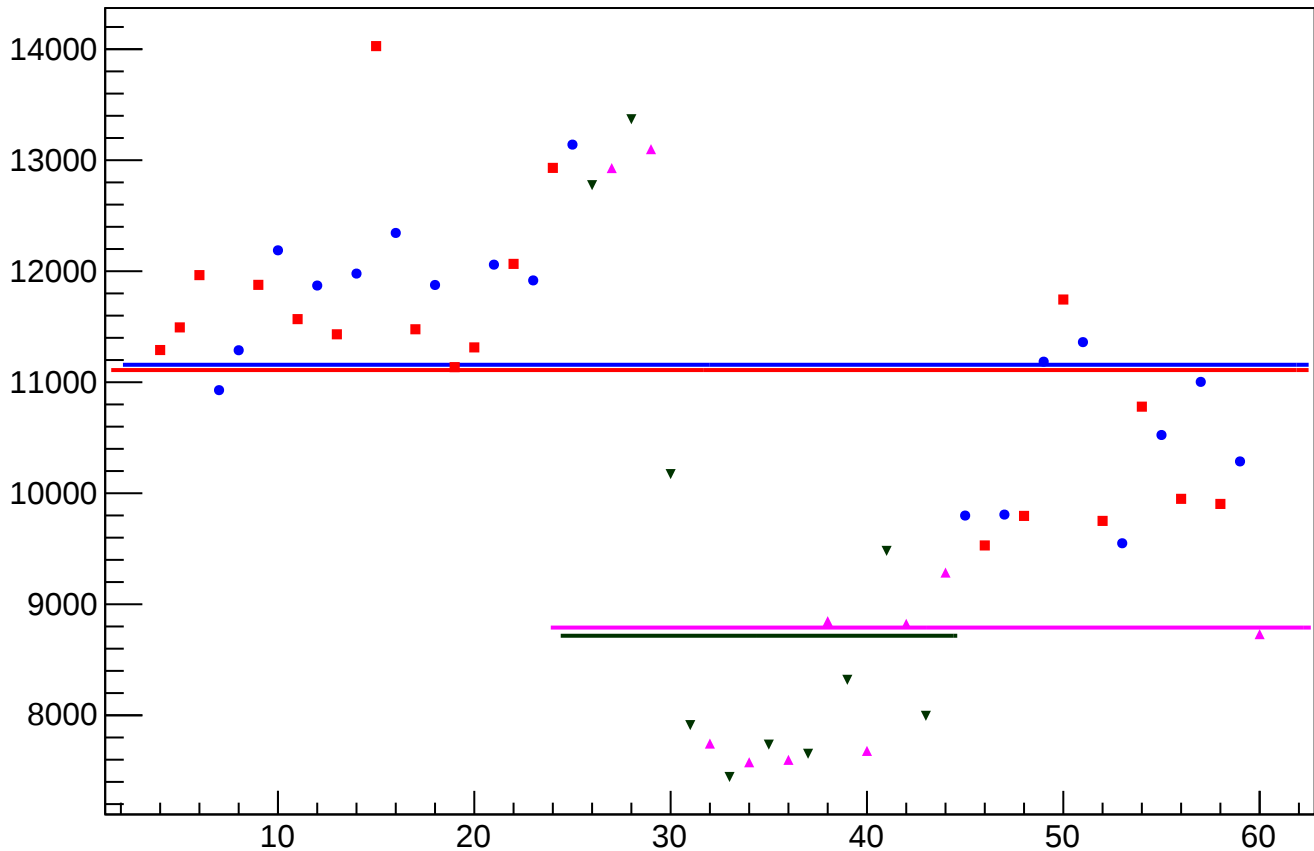
Right Out: -13.392 ± 3.535 $\chi^2/\text{NDF}: 28.4/18$

Left In: 13.787 ± 3.606 $\chi^2/\text{NDF}: 15.3/9$

5.828 ± 2.520 $\chi^2/\text{NDF}: 156.4/27$

-0.074 ± 2.524 $\chi^2/\text{NDF}: 72.7/28$

diff_bpm0l06X_rms vs slug



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

Left Out: 8716.427 ± 2.719 χ^2/NDF : 393127.4/9

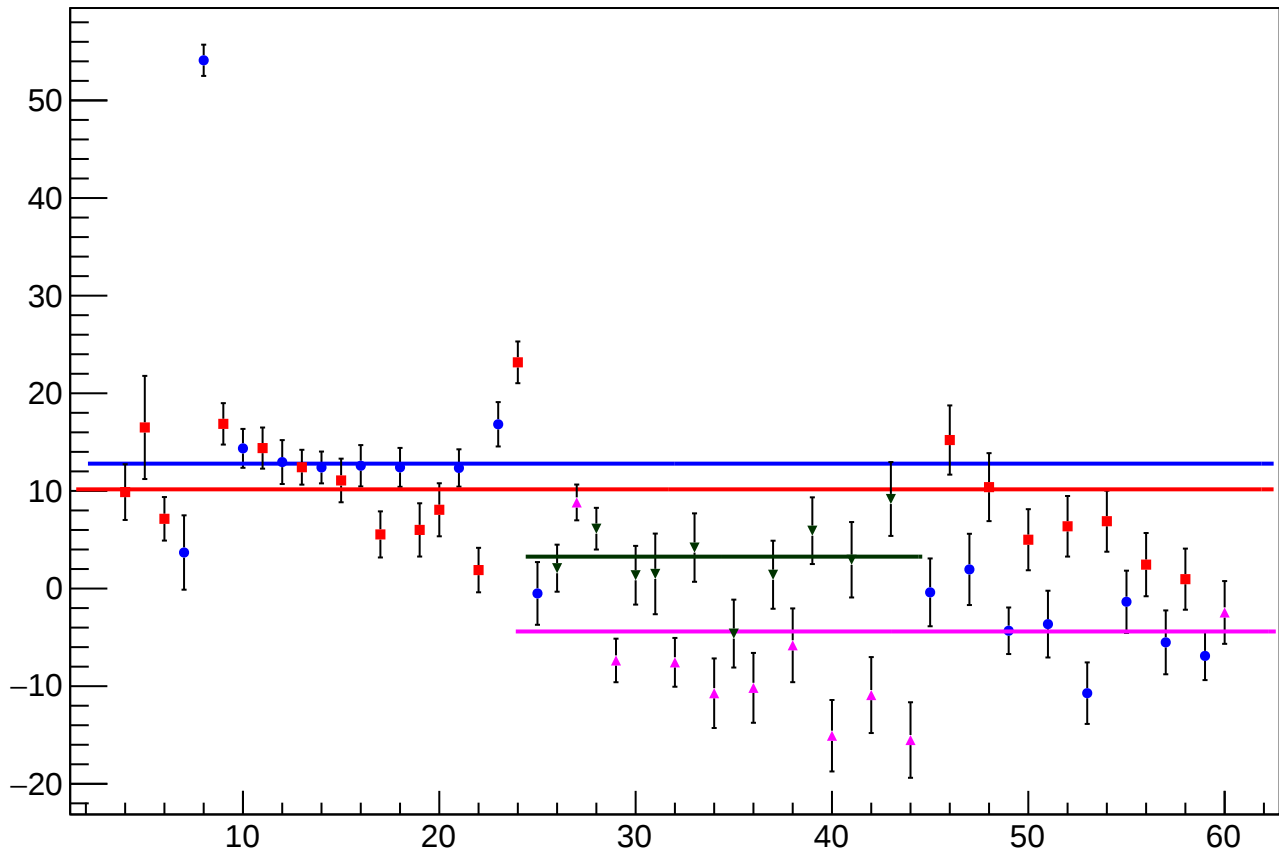
10108.905 ± 1.782 χ^2/NDF : 1006541.4/27

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

9973.091 ± 1.785 χ^2/NDF : 1082805.1/28

Left In: 8790.096 ± 2.550 χ^2/NDF : 464388.5/9

diff_bpm0l06Y_mean vs slug



Right In: 12.794 ± 0.559 $\chi^2/\text{NDF}: 961.0/17$

Left Out: 3.269 ± 0.986 $\chi^2/\text{NDF}: 11.2/9$

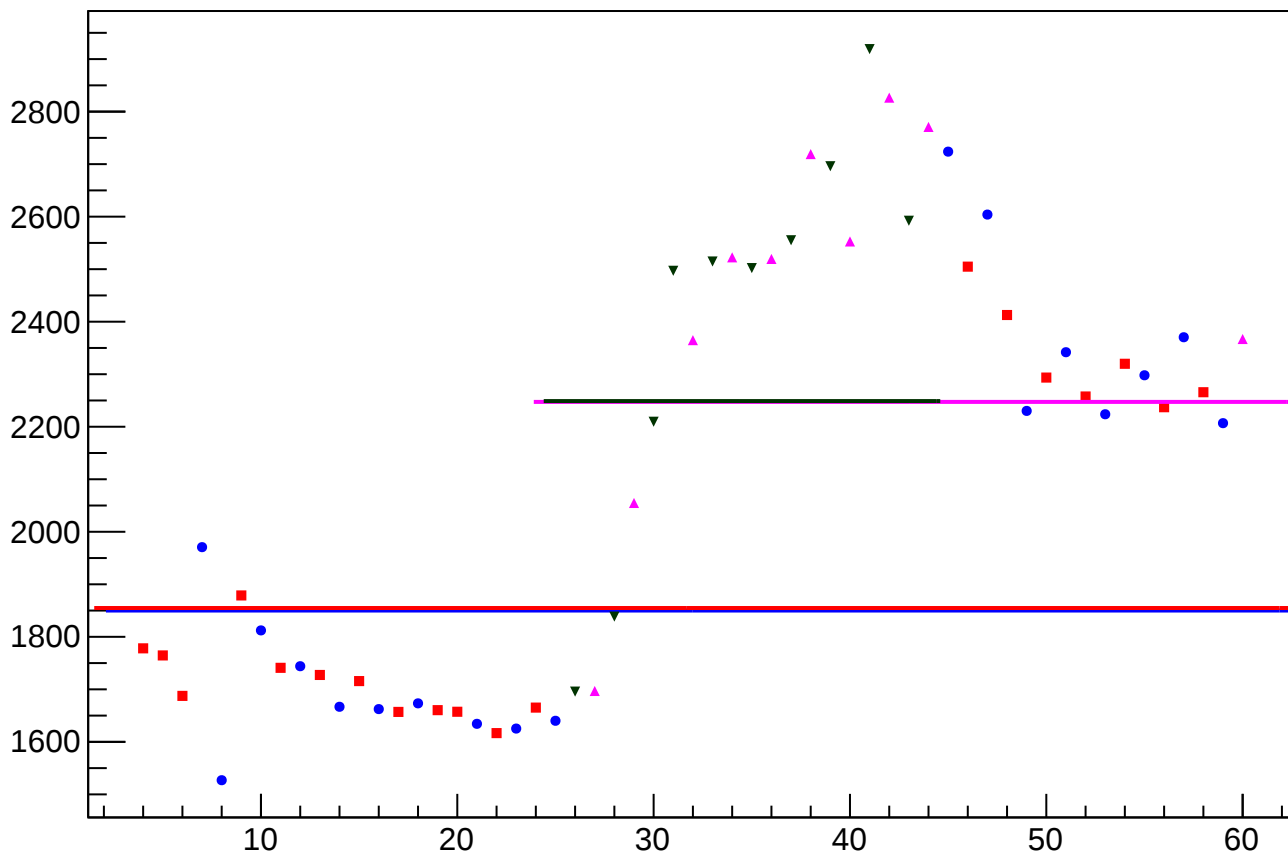
Right Out: 10.162 ± 0.592 $\chi^2/\text{NDF}: 97.7/18$

Left In: -4.396 ± 0.917 $\chi^2/\text{NDF}: 81.2/9$

10.476 ± 0.486 $\chi^2/\text{NDF}: 1042.9/27$

5.873 ± 0.497 $\chi^2/\text{NDF}: 356.8/28$

diff_bpm0l06Y_rms vs slug



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

Left Out: 2248.854+/-0.697 χ^2/NDF :335259.7/9

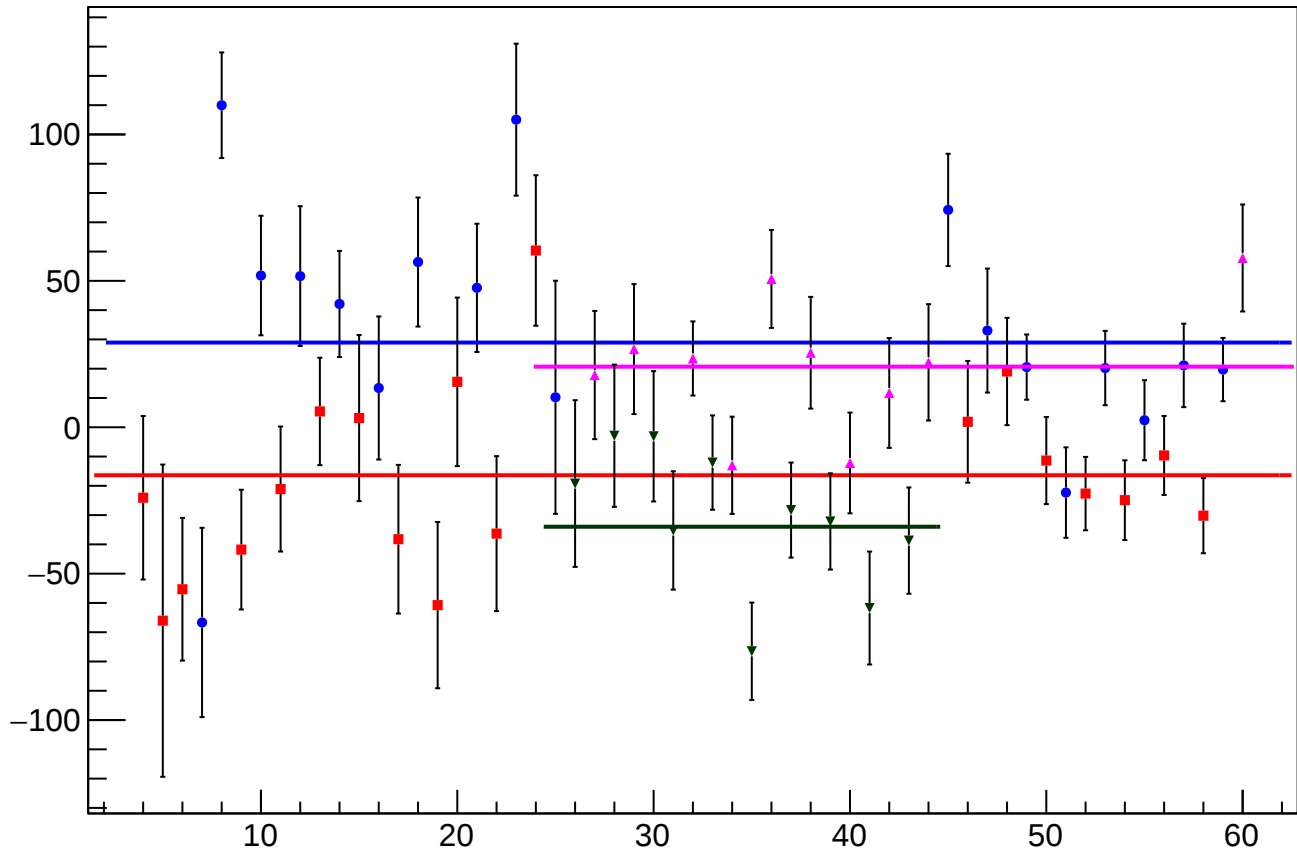
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2247.294+/-0.648 χ^2/NDF :352053.1/9

1947.122+/-0.344 χ^2/NDF : 1246051.6/27

1970.451+/-0.352 χ^2/NDF : 1018587.5/28

diff_bpm0l07X_mean vs slug



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

Left Out: -33.973+/-5.967 χ^2/NDF :14.5/9

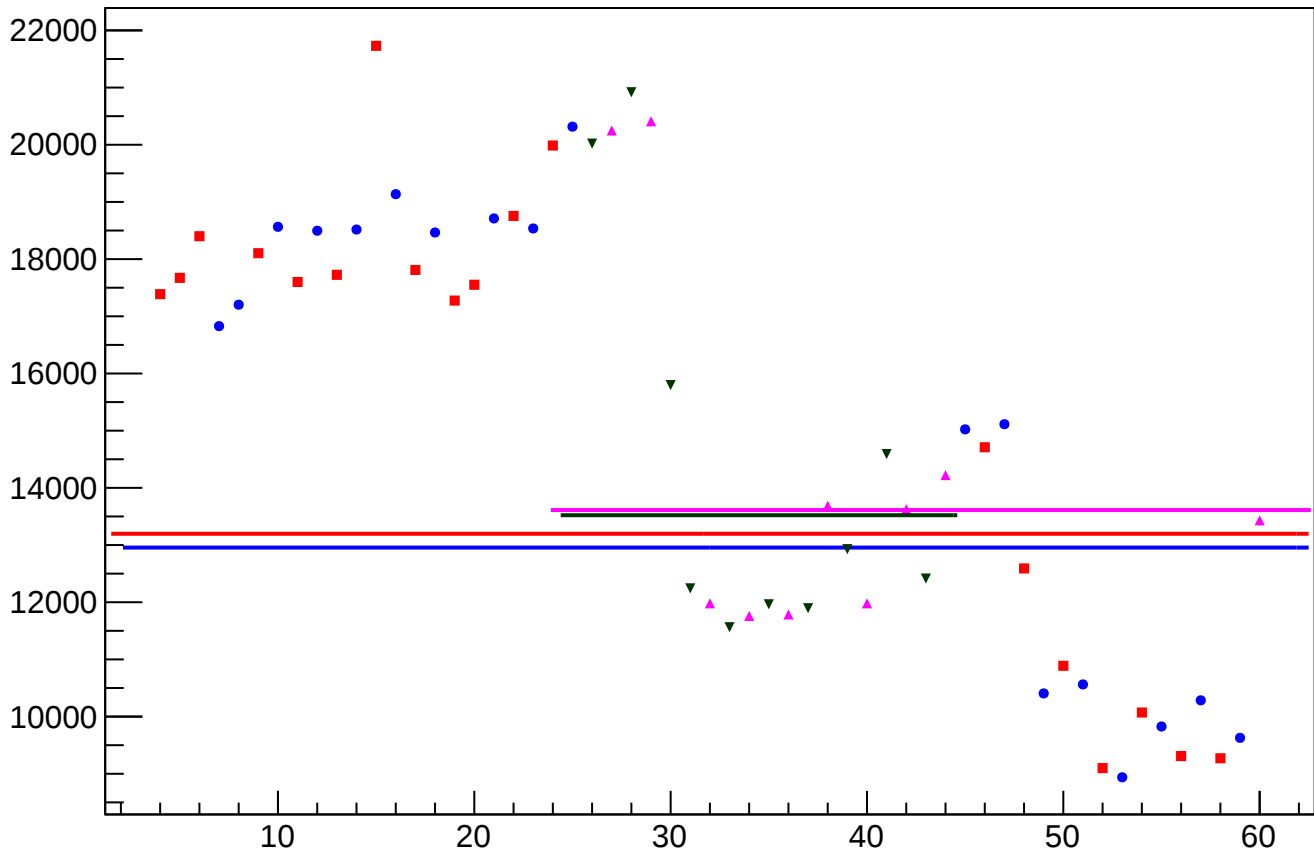
Right Out: -16.388+/-4.377 χ^2/NDF : 27.5/18

Left In: 20.688+/-5.586 χ^2/NDF :15.5/9

9.189+/-3.343 χ^2/NDF : 156.3/27

-2.284+/-3.445 χ^2/NDF : 70.4/28

diff_bpm0l07X_rms vs slug



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

Left Out: 13521.564+/-4.220 χ^2/NDF : 402050.4/9

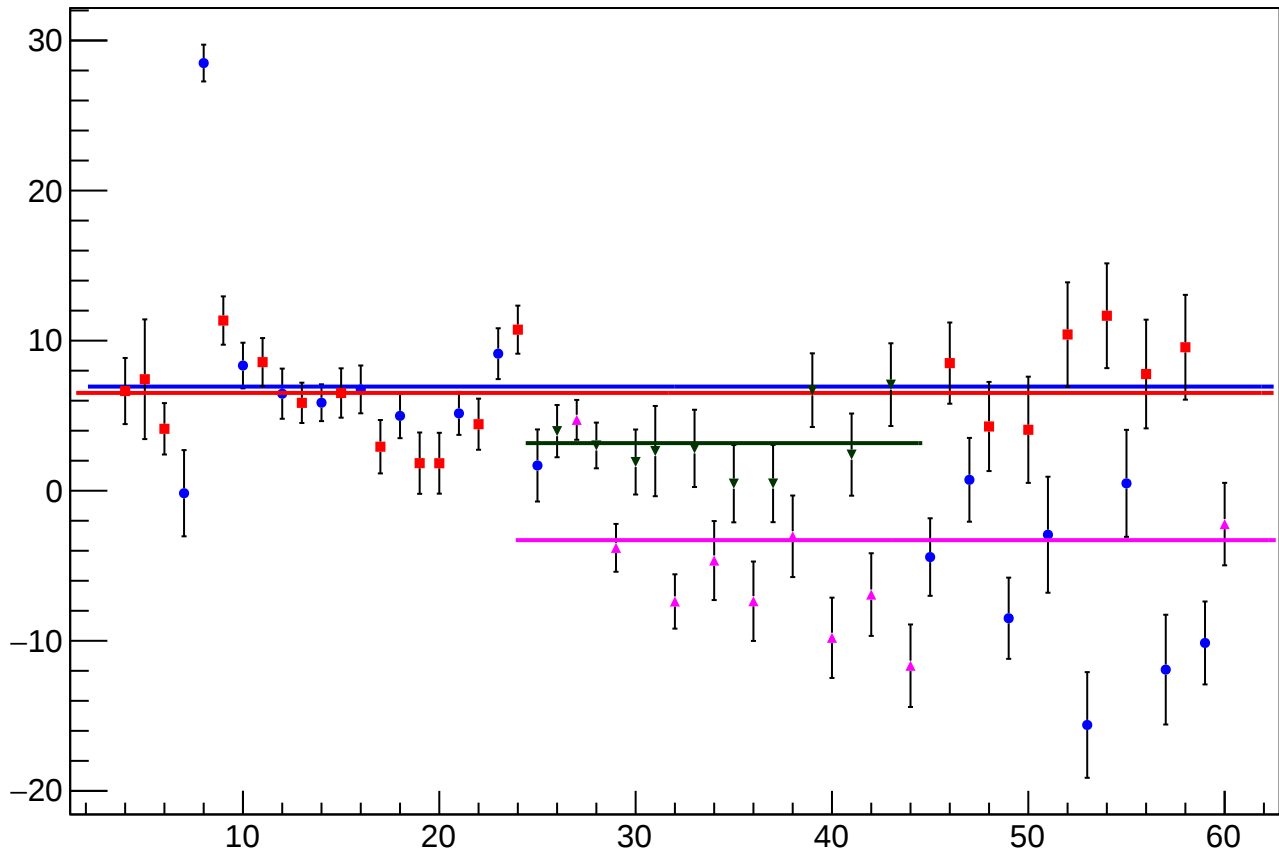
13133.398+/-2.364 χ^2/NDF : 2315016.8/27

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

13354.938+/-2.436 χ^2/NDF : 2248009.5/28

Left In: 13611.875+/-3.950 χ^2/NDF : 473427.6/9

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.172 ± 0.713 χ^2/NDF : 6.9/9

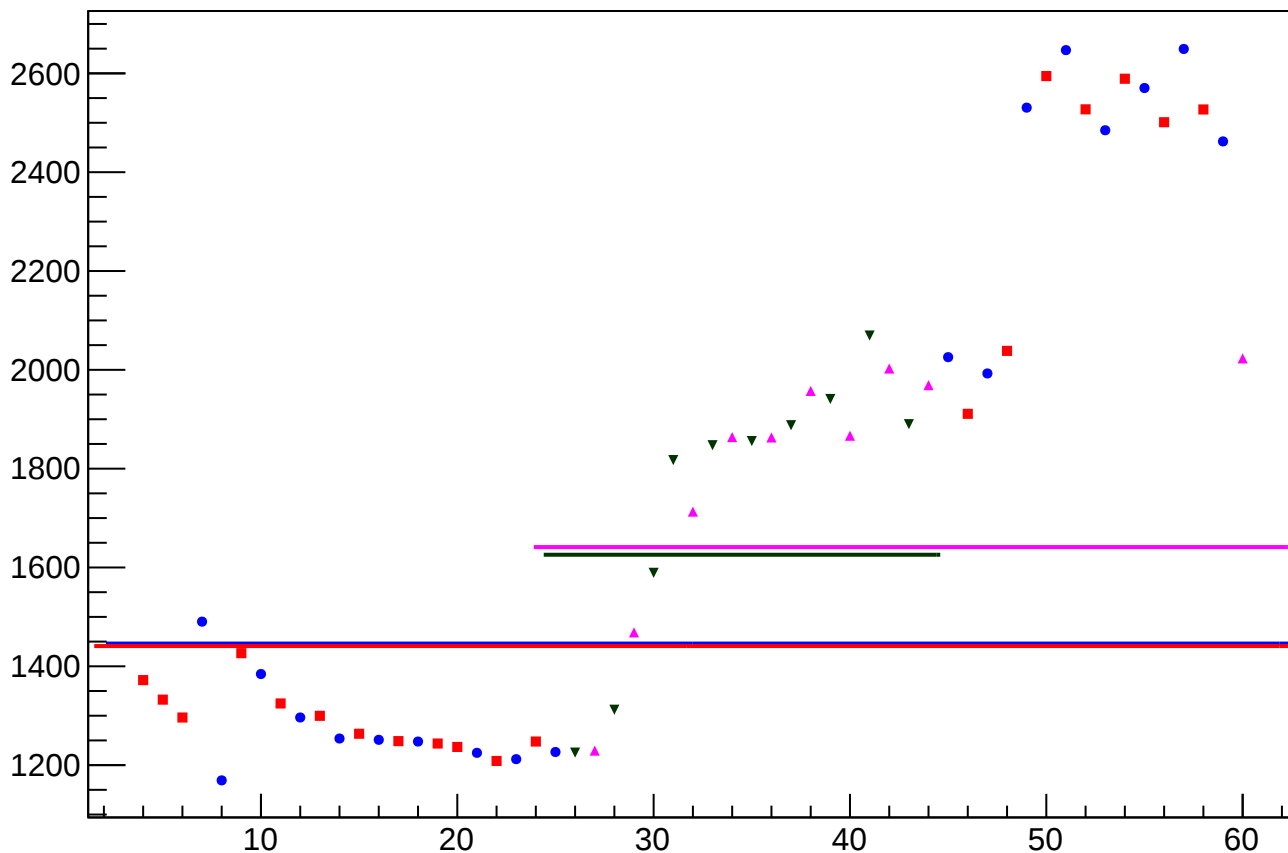
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -3.292 ± 0.670 χ^2/NDF : 61.4/9

5.867 ± 0.380 χ^2/NDF : 526.5/27

3.270 ± 0.386 χ^2/NDF : 246.4/28

diff_bpm0l07Y_rms vs slug



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

Left Out: 1625.778+/-0.504 χ^2/NDF : 354649.3/9

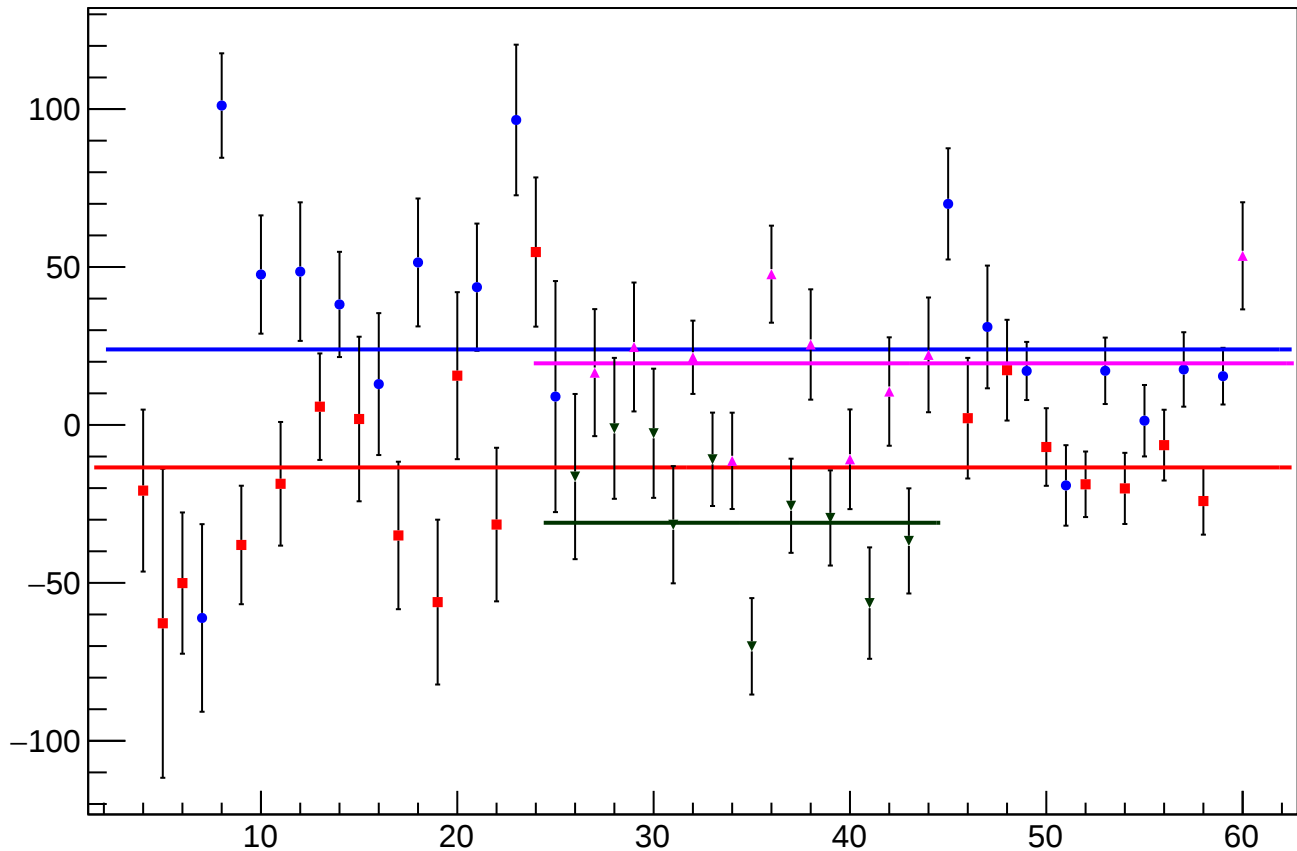
Right Out: 1440.962+/-0.333 χ^2/NDF : 1333198.7/18

Left In: 1641.326+/-0.474 χ^2/NDF : 390259.2/9

1497.171+/-0.269 χ^2/NDF : 2337105.4/27

1507.292+/-0.273 χ^2/NDF : 1842975.5/28

diff_bpm0l08X_mean vs slug



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

Left Out: -30.968 ± 5.475 χ^2/NDF : 14.8/9

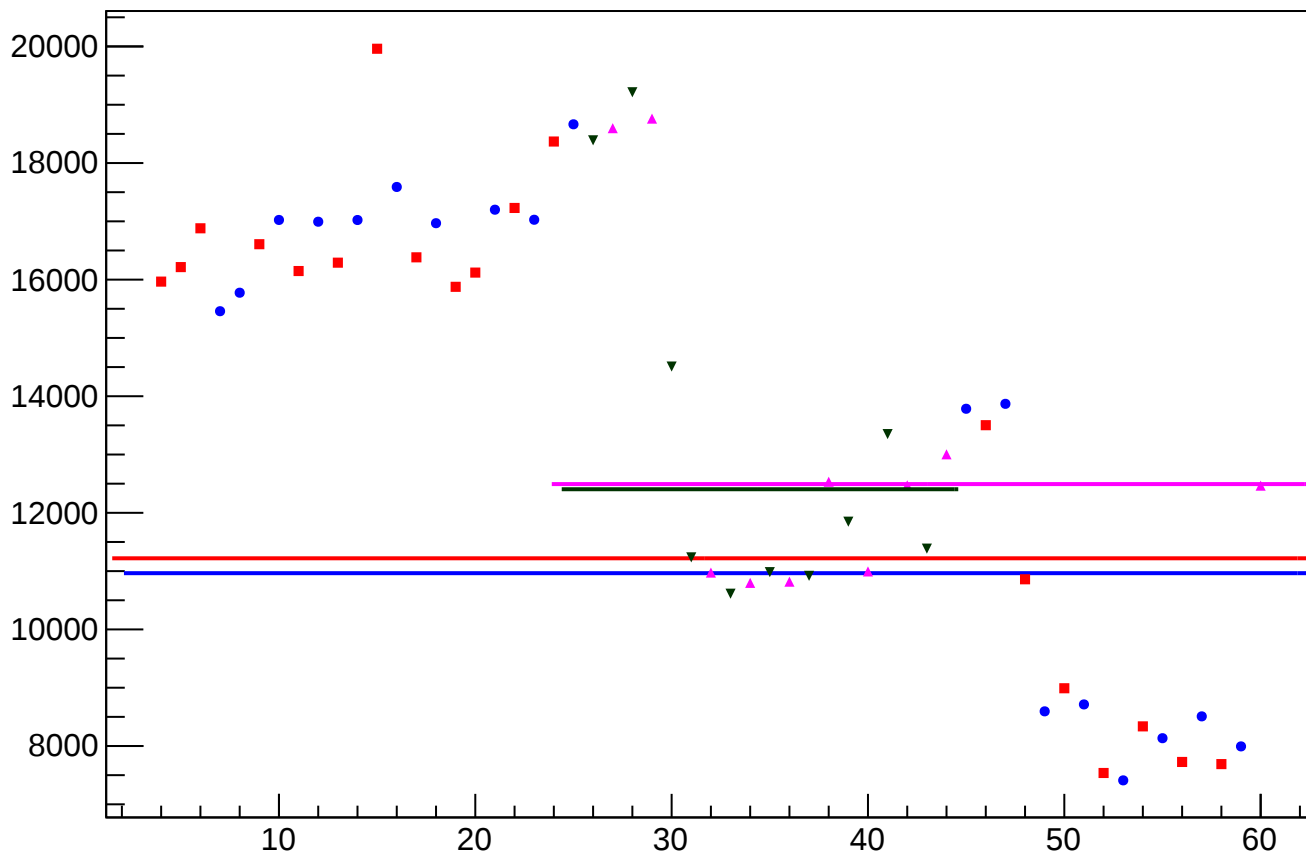
Right Out: -13.450 ± 3.783 χ^2/NDF : 27.5/18

Left In: 19.505 ± 5.127 χ^2/NDF : 15.7/9

8.180 ± 2.931 χ^2/NDF : 157.1/27

-1.833 ± 3.044 χ^2/NDF : 70.0/28

diff_bpm0l08X_rms vs slug



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

Left Out: 12404.651+/-3.871 χ^2/NDF : 402870.2/9

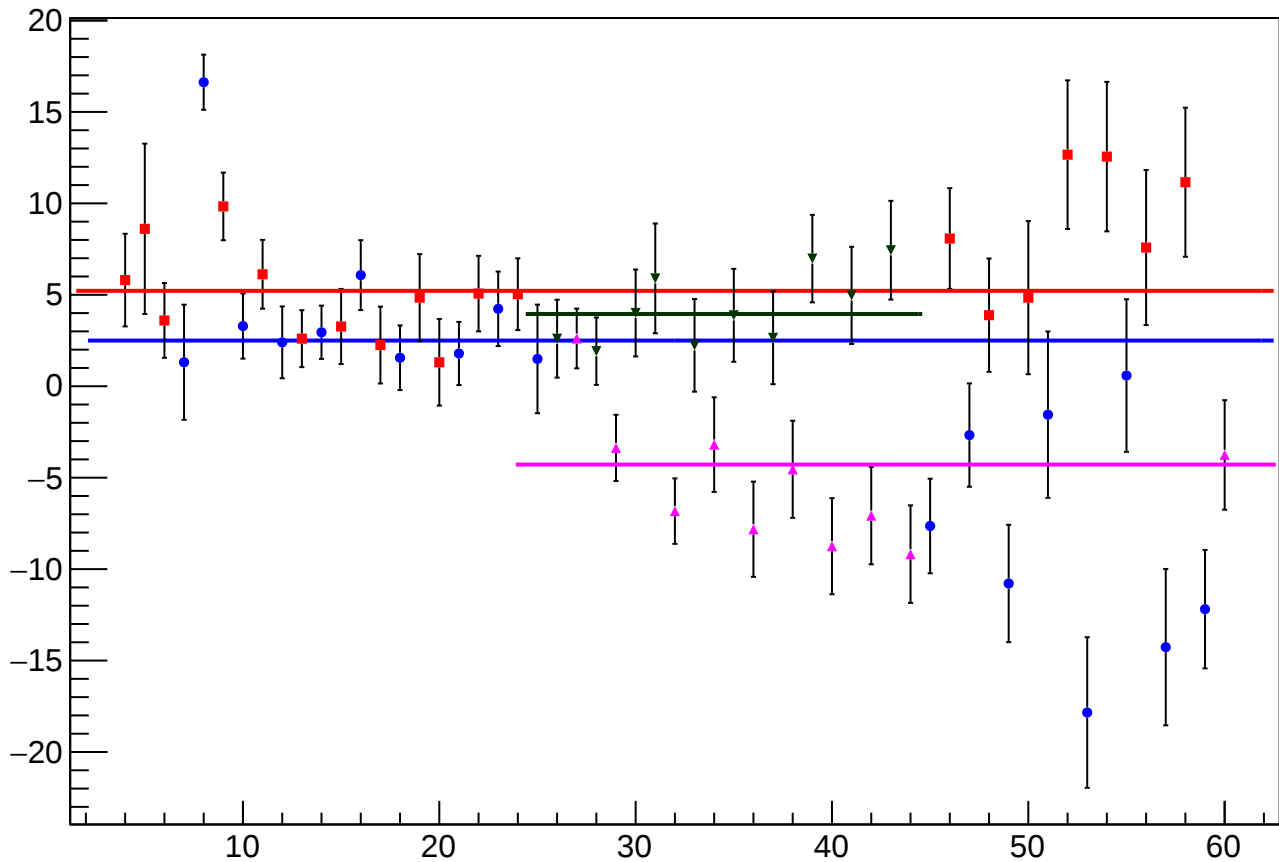
Right Out: 11219.959+/-2.675 χ^2/NDF : 2343952.2/18

Left In: 12493.005+/-3.625 χ^2/NDF : 475514.4/9

11377.419+/-2.072 χ^2/NDF : 3052412.2/27

11668.745+/-2.153 χ^2/NDF : 2899301.8/28

diff_bpm0l08Y_mean vs slug



Right In: 2.499 $\pm$ 0.530 χ^2 /NDF: 190.3/17

Left Out: 3.951 $\pm$ 0.762 χ^2 /NDF: 6.2/9

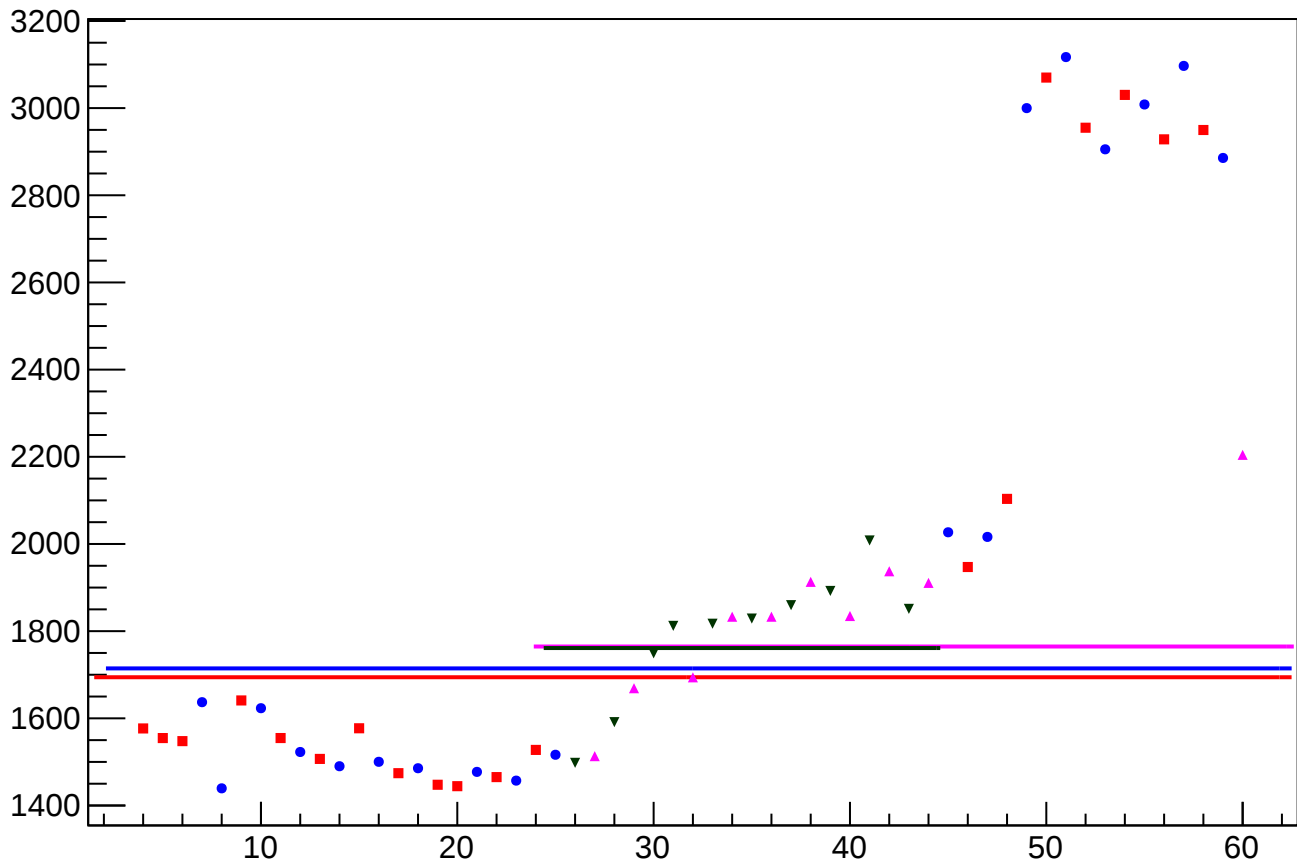
Right Out: 5.218 $\pm$ 0.553 χ^2 /NDF: 26.5/18

Left In: -4.282 $\pm$ 0.713 χ^2 /NDF: 29.5/9

2.973 $\pm$ 0.435 χ^2 /NDF: 199.0/27

1.650 $\pm$ 0.437 χ^2 /NDF: 166.9/28

diff_bpm0l08Y_rms vs slug



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

Left Out: 1761.262+/-0.539 χ^2/NDF : 79141.5/9

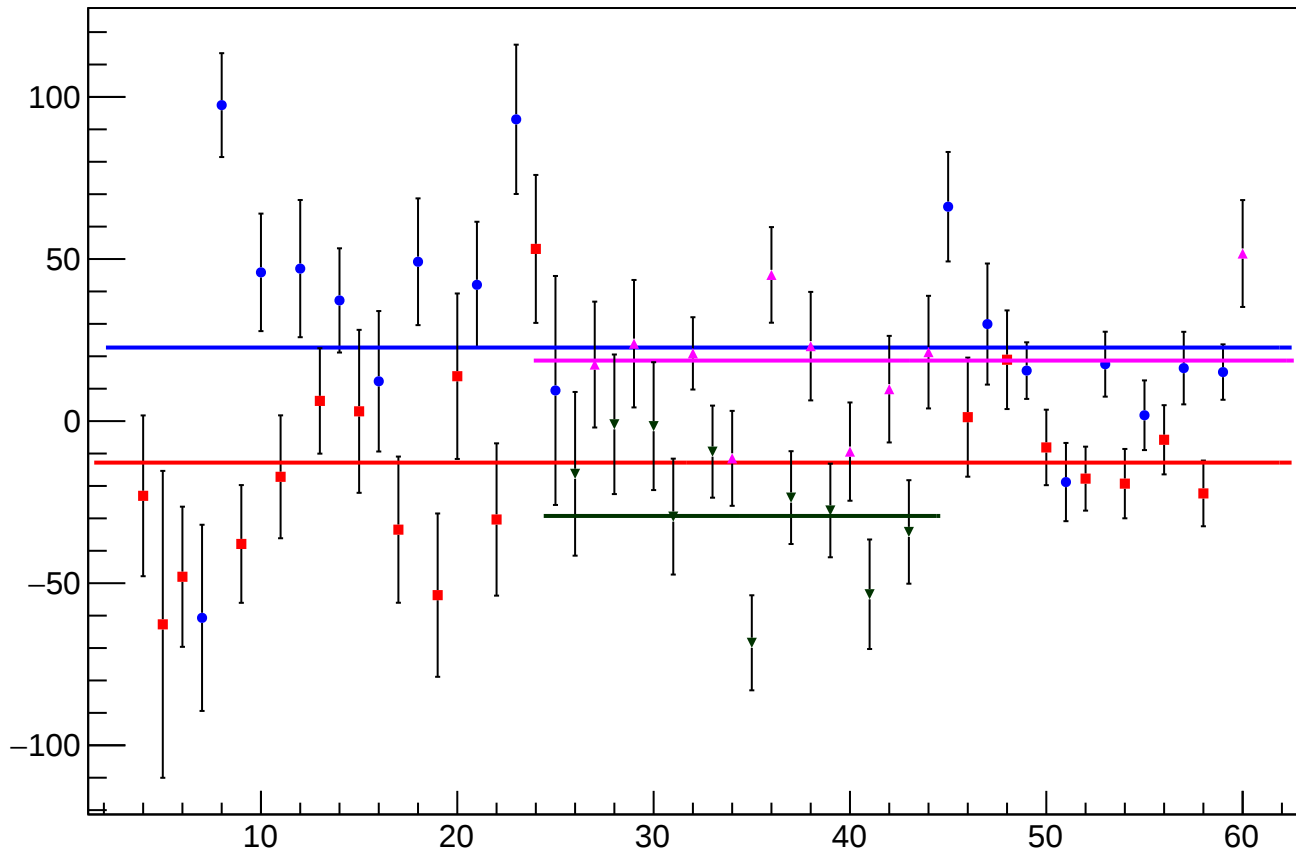
1729.794+/-0.308 χ^2/NDF : 1754967.1/27

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

1720.741+/-0.309 χ^2/NDF : 1339072.8/28

Left In: 1764.771+/-0.504 χ^2/NDF : 124087.9/9

diff_bpm0l09X_mean vs slug



Right In: 22.698 ± 3.315 χ^2/NDF : 70.9/17

Left Out: -29.254 ± 5.260 χ^2/NDF : 15.3/9

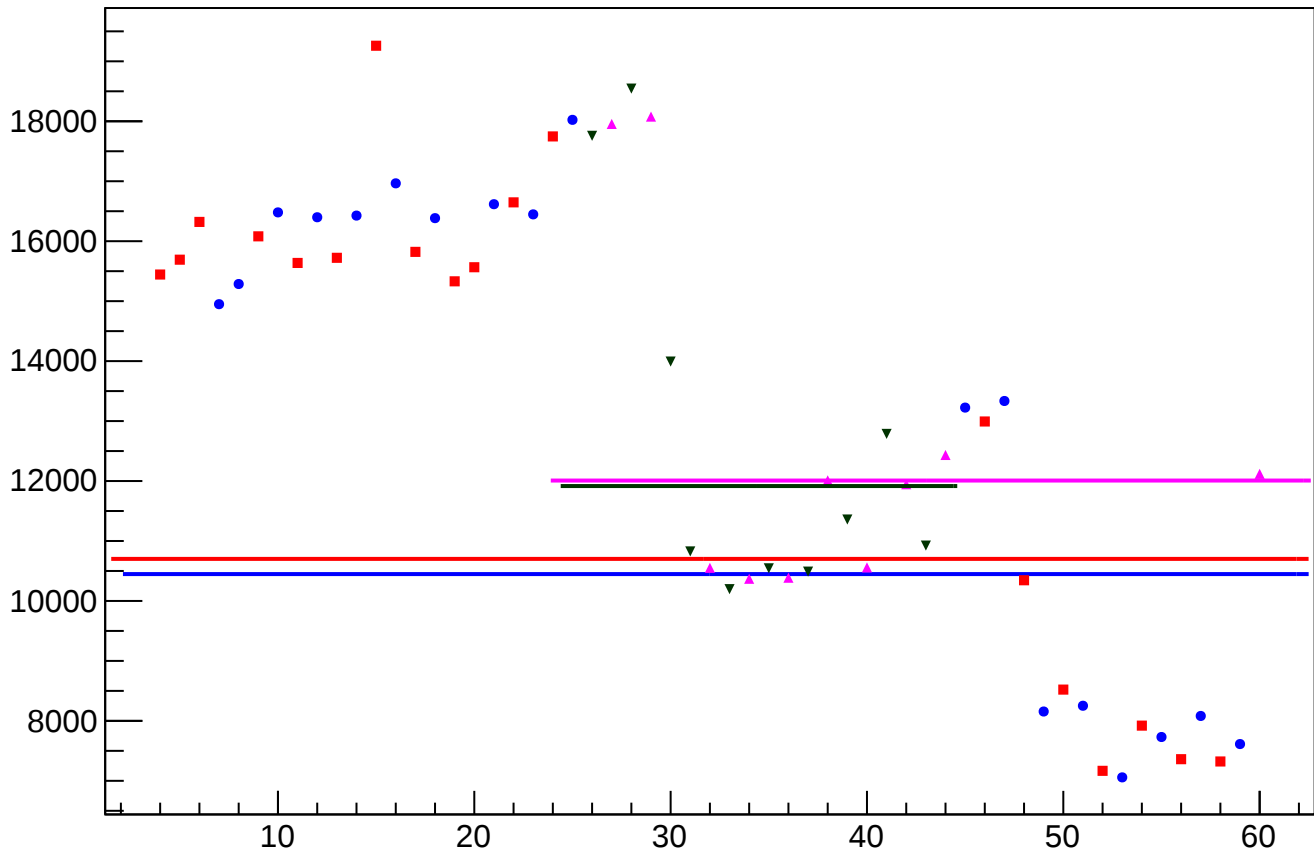
Right Out: -12.799 ± 3.618 χ^2/NDF : 28.2/18

Left In: 18.677 ± 4.929 χ^2/NDF : 15.4/9

7.932 ± 2.805 χ^2/NDF : 156.1/27

-1.778 ± 2.917 χ^2/NDF : 70.0/28

diff_bpm0l09X_rms vs slug



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

Left Out: 11916.247+/-3.720 χ^2/NDF : 408966.2/9

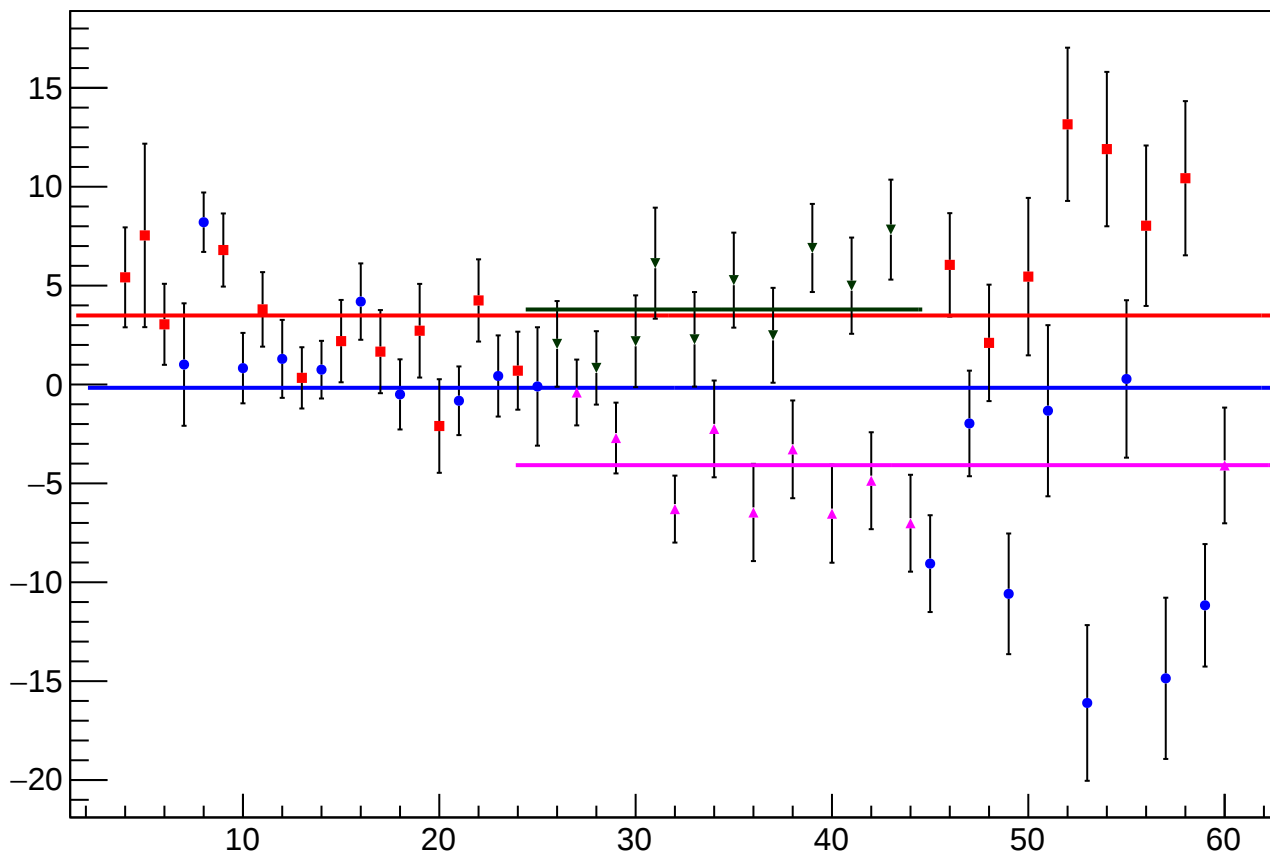
10865.430+/-1.983 χ^2/NDF : 3175118.0/27

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

11159.011+/-2.062 χ^2/NDF : 3011070.7/28

Left In: 12008.193+/-3.485 χ^2/NDF : 481232.3/9

diff_bpm0l09Y_mean vs slug



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

Left Out: 3.793 ± 0.732 $\chi^2/\text{NDF}: 10.2/9$

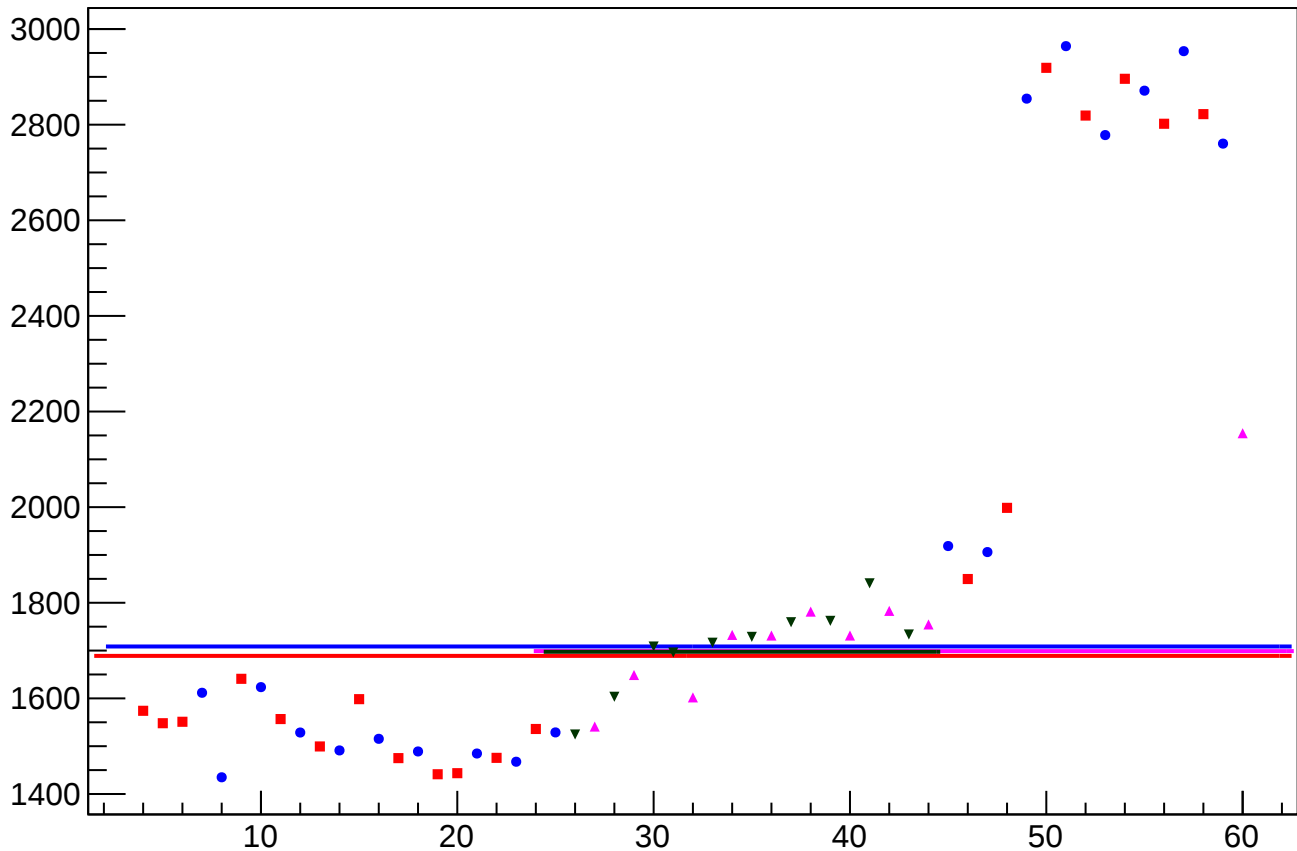
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -4.078 ± 0.685 $\chi^2/\text{NDF}: 11.3/9$

1.180 ± 0.427 $\chi^2/\text{NDF}: 134.7/27$

0.530 ± 0.428 $\chi^2/\text{NDF}: 120.1/28$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1697.515+/-0.518 χ^2/NDF : 28748.0/9

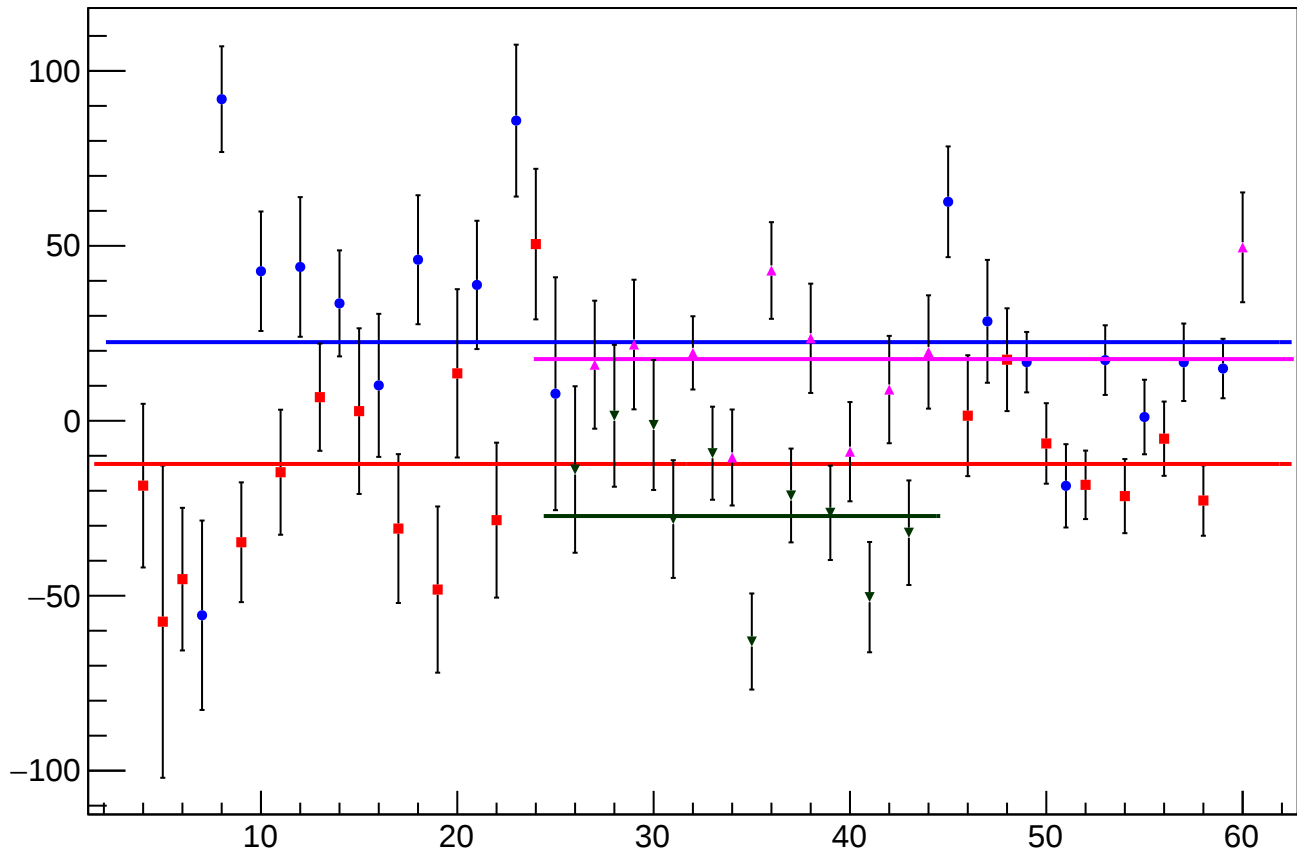
1704.804+/-0.302 χ^2/NDF : 1493642.5/27

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

1692.817+/-0.303 χ^2/NDF : 1140219.0/28

Left In: 1698.915+/-0.484 χ^2/NDF : 81326.5/9

diff_bpm0l10X_mean vs slug



Right In: 22.480 ± 3.228 $\chi^2/\text{NDF}: 68.3/17$

Left Out: -27.224 ± 4.929 $\chi^2/\text{NDF}: 15.4/9$

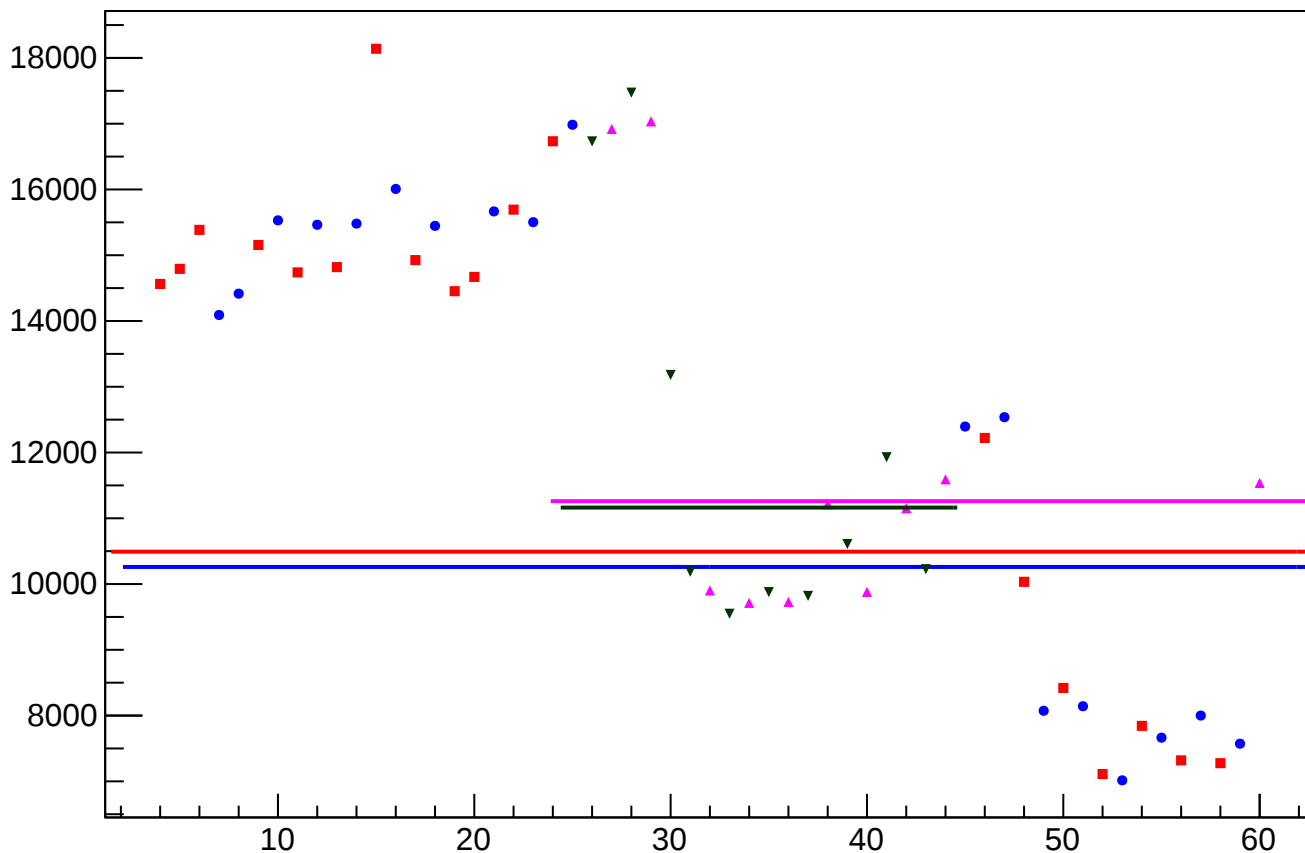
Right Out: -12.340 ± 3.516 $\chi^2/\text{NDF}: 28.3/18$

Left In: 17.636 ± 4.624 $\chi^2/\text{NDF}: 15.8/9$

7.563 ± 2.700 $\chi^2/\text{NDF}: 154.8/27$

-1.356 ± 2.799 $\chi^2/\text{NDF}: 70.7/28$

diff_bpm0l10X_rms vs slug



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

Left Out: 11162.780+/-3.486 χ^2/NDF : 416378.4/9

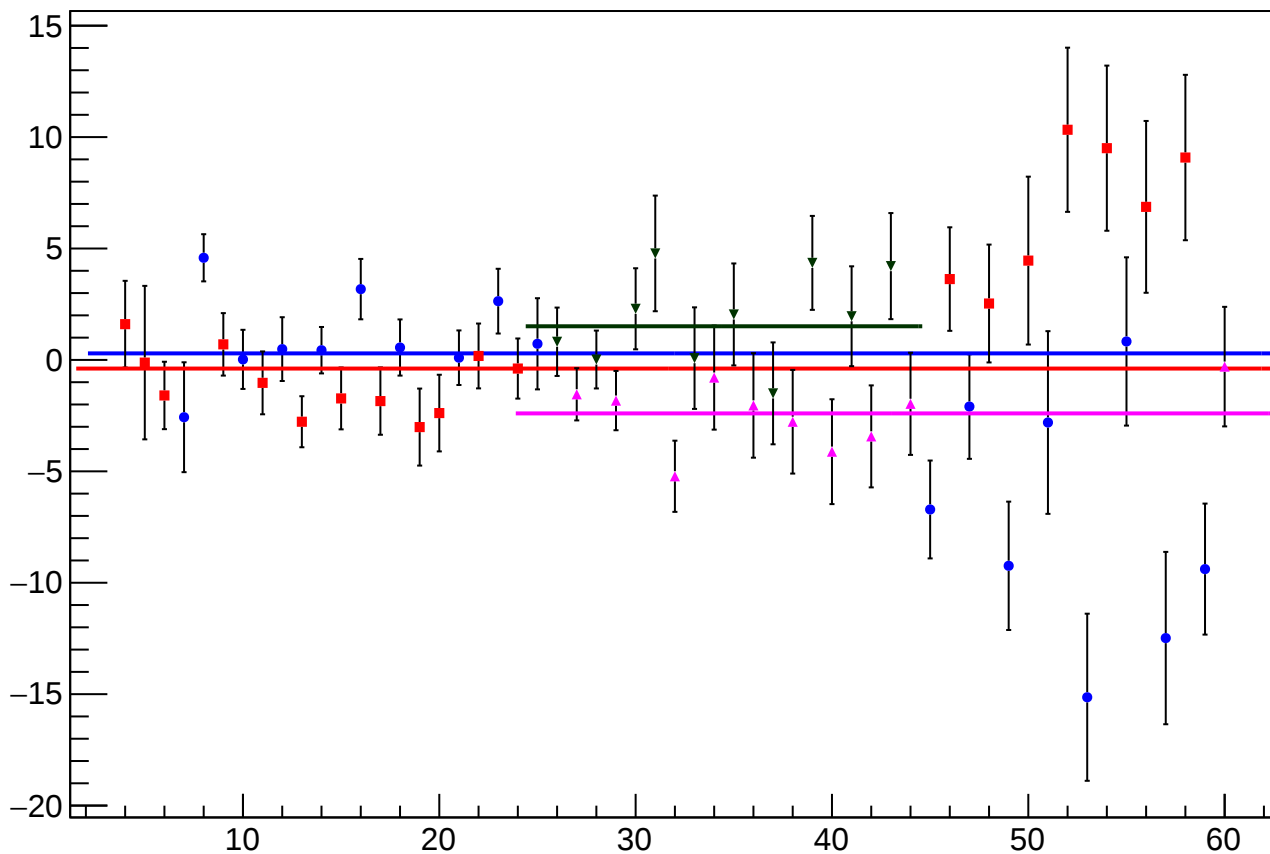
Right Out: 10492.088+/-2.487 χ^2/NDF : 2138865.4/18

Left In: 11260.406+/-3.270 χ^2/NDF : 489946.8/9

10531.029+/-1.910 χ^2/NDF : 2783312.4/27

10773.626+/-1.979 χ^2/NDF : 2663798.8/28

diff_bpm0l10Y_mean vs slug



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

Left Out: 1.510 ± 0.615 χ^2/NDF : 8.6/9

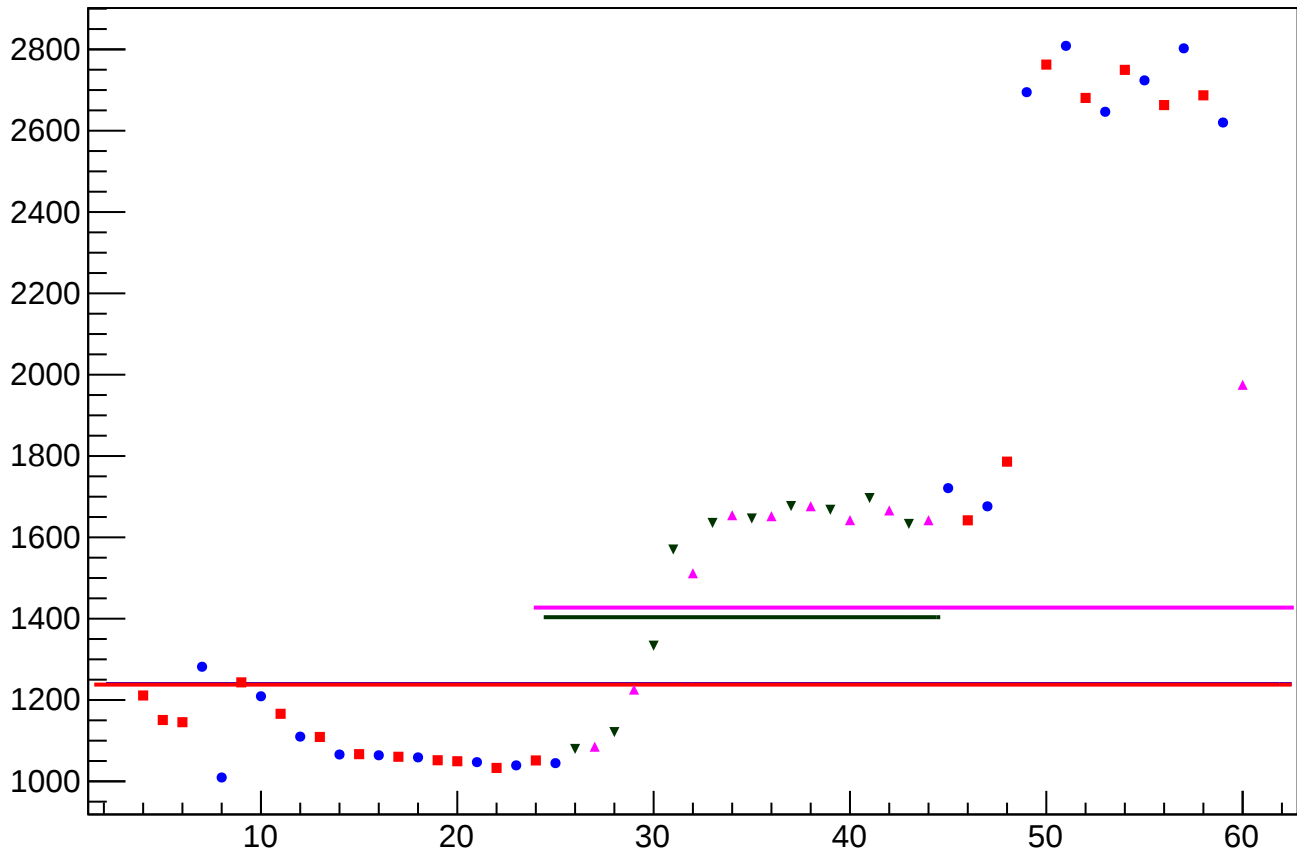
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -2.400 ± 0.584 χ^2/NDF : 5.7/9

0.646 ± 0.331 χ^2/NDF : 98.0/27

-1.057 ± 0.336 χ^2/NDF : 57.7/28

diff_bpm0l10Y_rms vs slug



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

Left Out: 1403.619+/-0.435 χ^2/NDF :351032.7/9

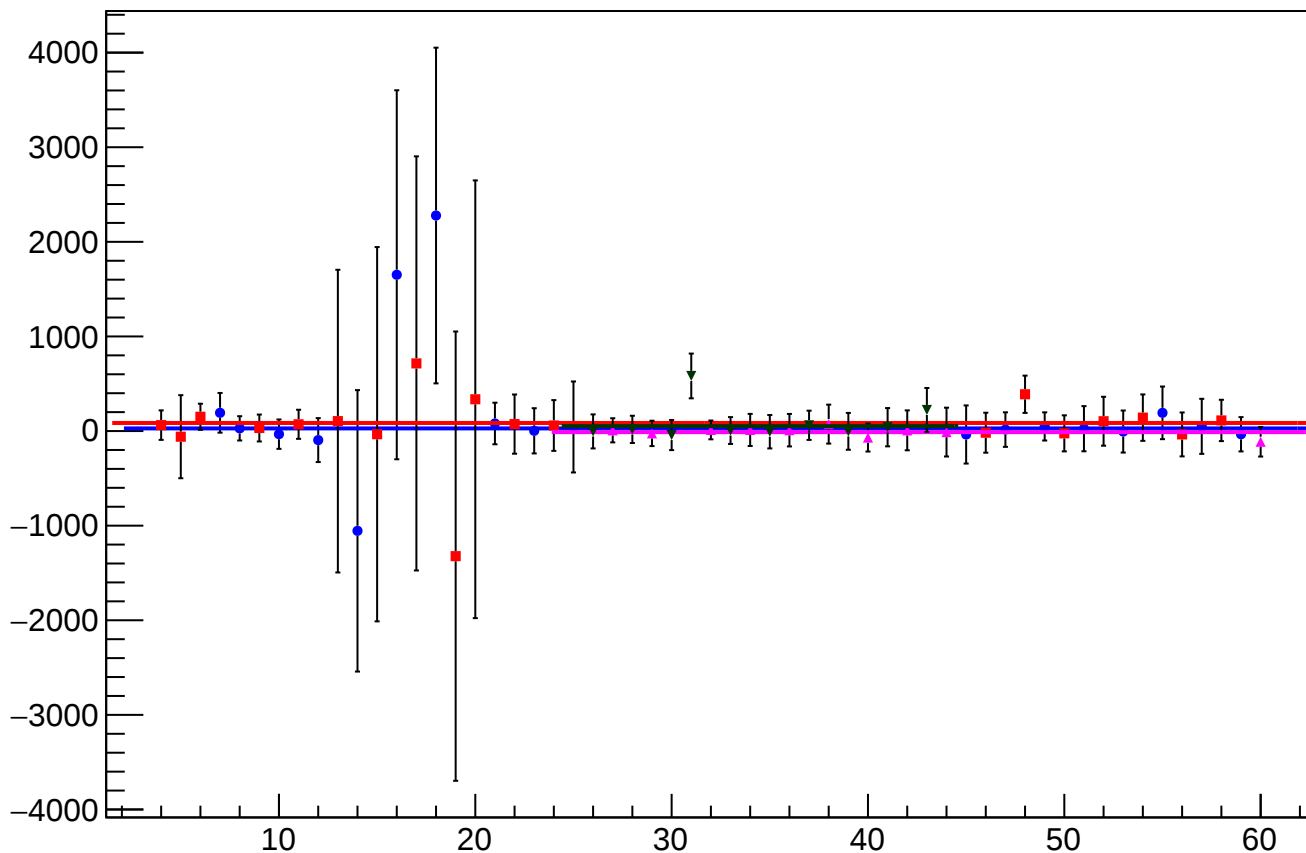
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

Left In: 1427.263+/-0.413 χ^2/NDF :421778.7/9

1286.905+/-0.234 χ^2/NDF : 3128048.5/27

1300.861+/-0.238 χ^2/NDF : 2476692.3/28

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: 51.986+/-55.093 χ^2/NDF :6.4/9

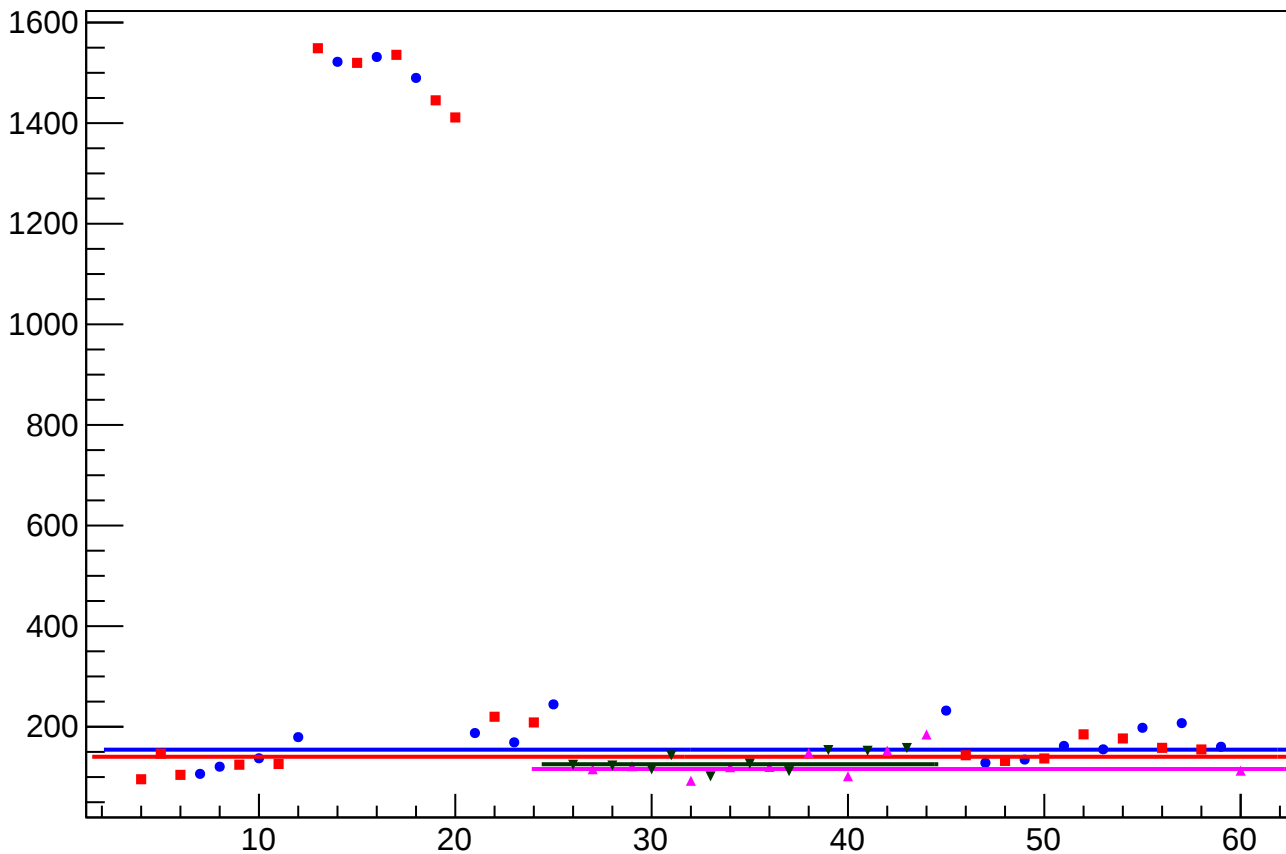
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -11.588+/-47.938 χ^2/NDF :0.9/9

39.303+/-37.929 χ^2/NDF : 11.0/27

32.470+/-35.402 χ^2/NDF : 7.0/28

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 125.526+/-0.039 χ^2/NDF :209010.8/9

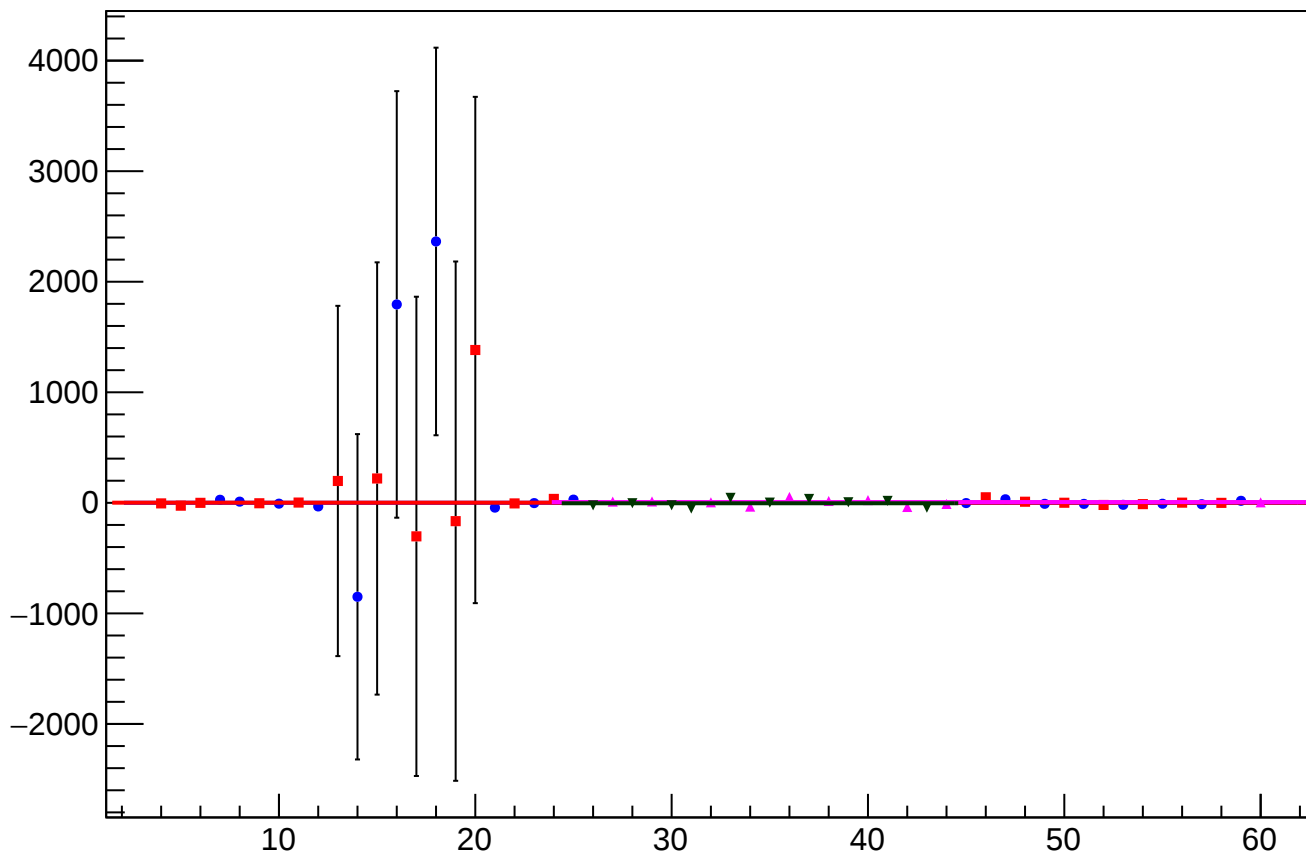
140.741+/-0.027 χ^2/NDF : 5055763.0/27

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

127.054+/-0.025 χ^2/NDF : 5893961.6/28

Left In: 115.975+/-0.034 χ^2/NDF :384914.2/9

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: -3.746 ± 7.432 χ^2/NDF : 14.5/9

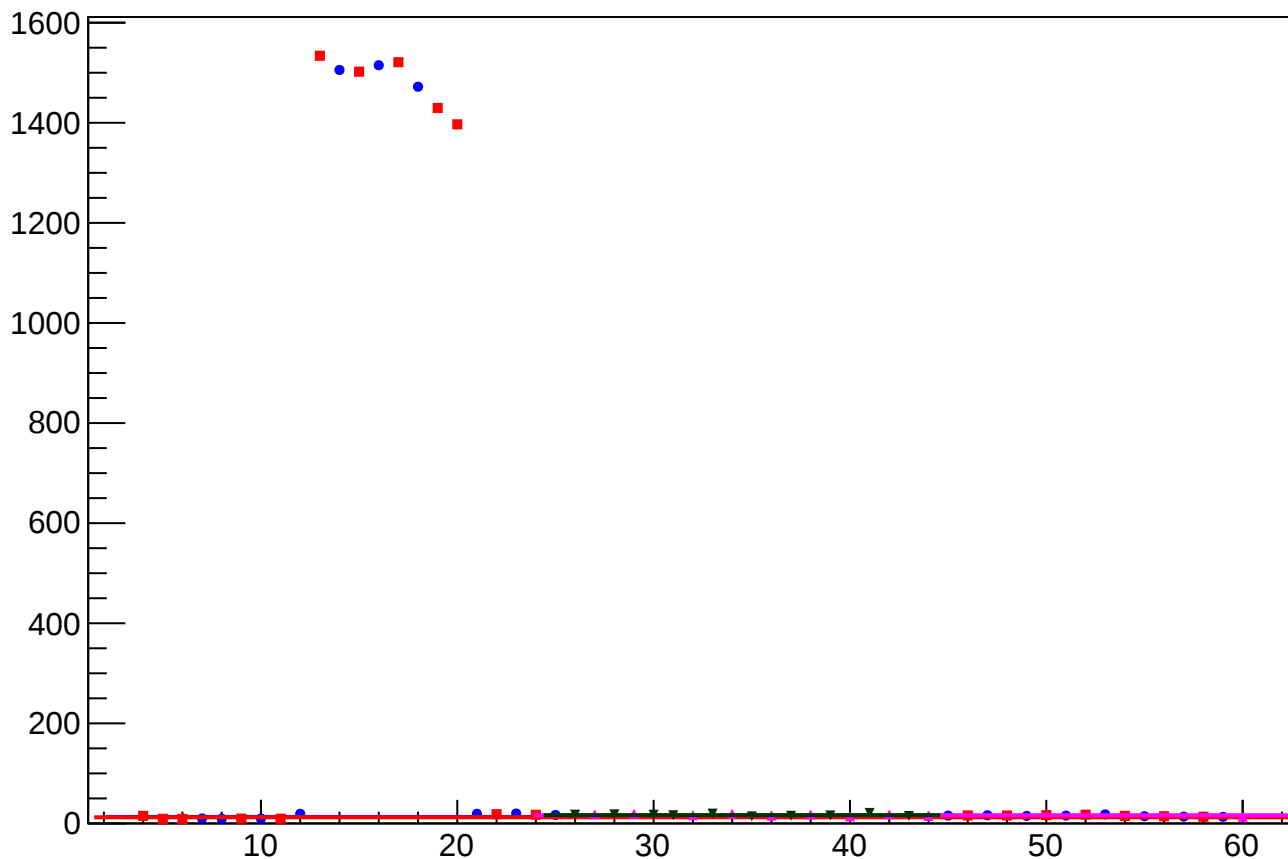
Right Out: 1.382 ± 4.789 χ^2/NDF : 9.5/18

Left In: 7.185 ± 6.890 χ^2/NDF : 10.5/9

-0.622 ± 3.920 χ^2/NDF : 31.4/27

3.272 ± 3.932 χ^2/NDF : 20.5/28

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 16.582+/-0.005 χ^2/NDF :133569.4/9

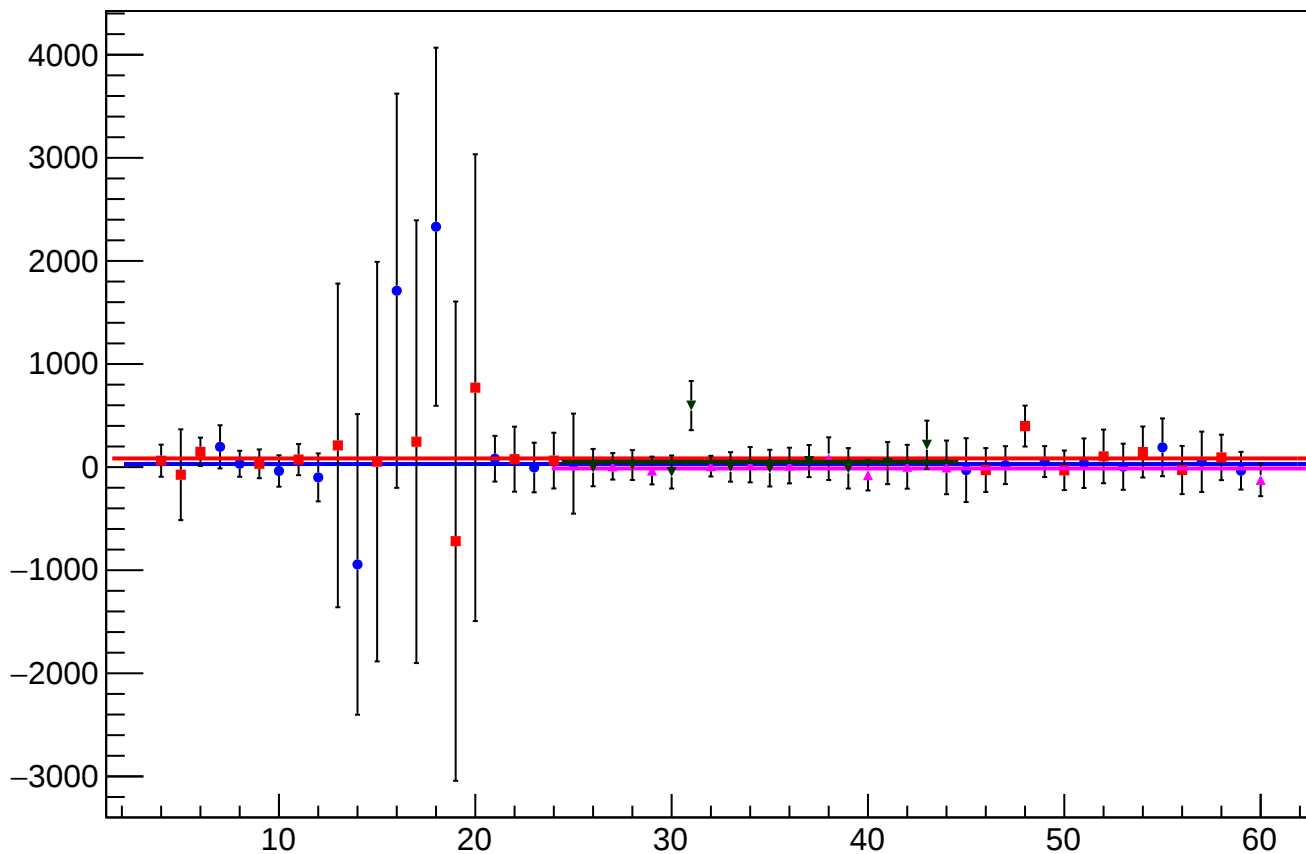
Right Out: 12.312+/-0.003 χ^2/NDF : 6373010.7/18

Left In: 16.450+/-0.005 χ^2/NDF :175663.5/9

14.006+/-0.003 χ^2/NDF : 6162211.1/27

13.660+/-0.003 χ^2/NDF : 7035126.9/28

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: 50.113+/-55.521 χ^2/NDF : 6.6/9

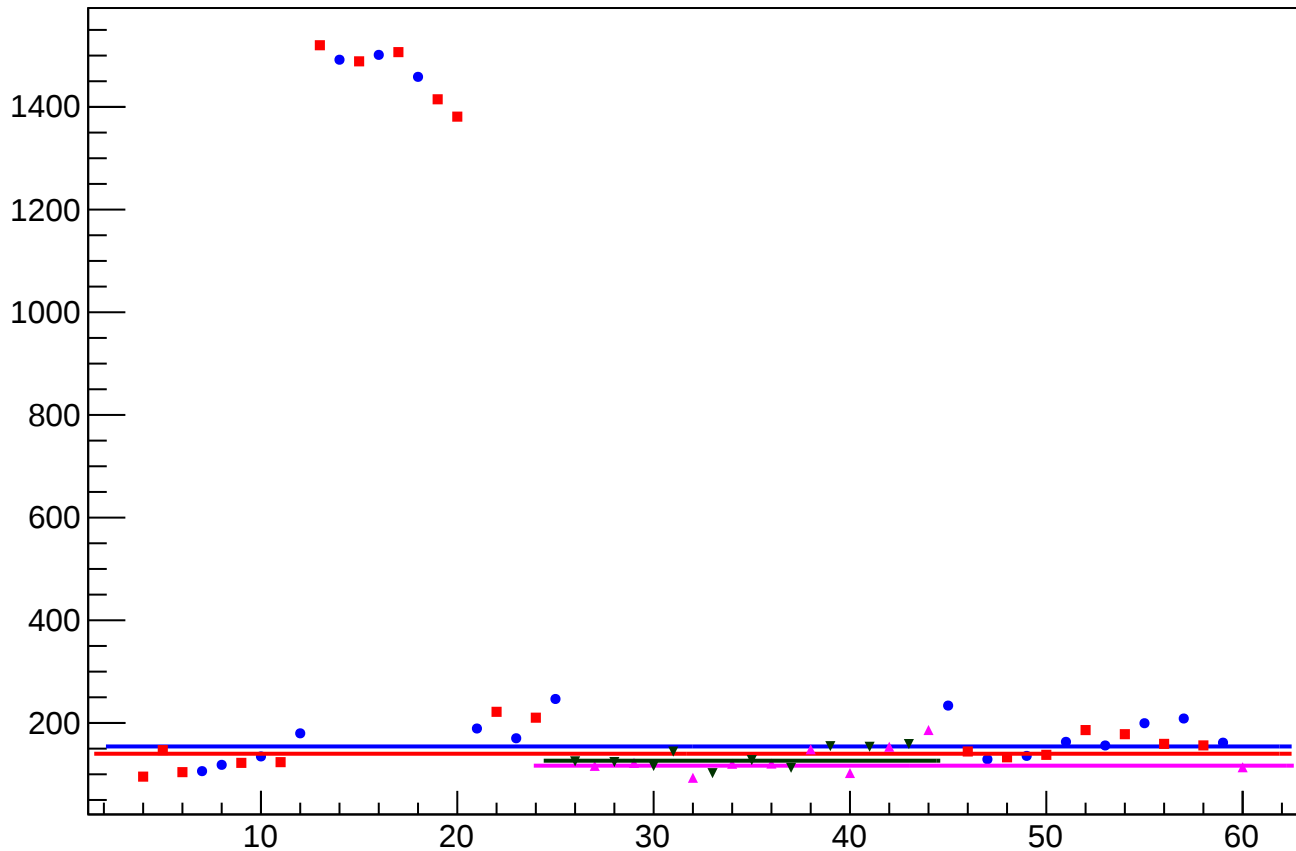
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -13.185+/-48.292 χ^2/NDF : 1.1/9

39.456+/-38.057 χ^2/NDF : 11.4/27

31.572+/-35.519 χ^2/NDF : 7.1/28

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 154.234 $\pm$ 0.037 χ^2 /NDF: 4584859.8/17

Left Out: 126.498 $\pm$ 0.039 χ^2 /NDF: 209198.2/9

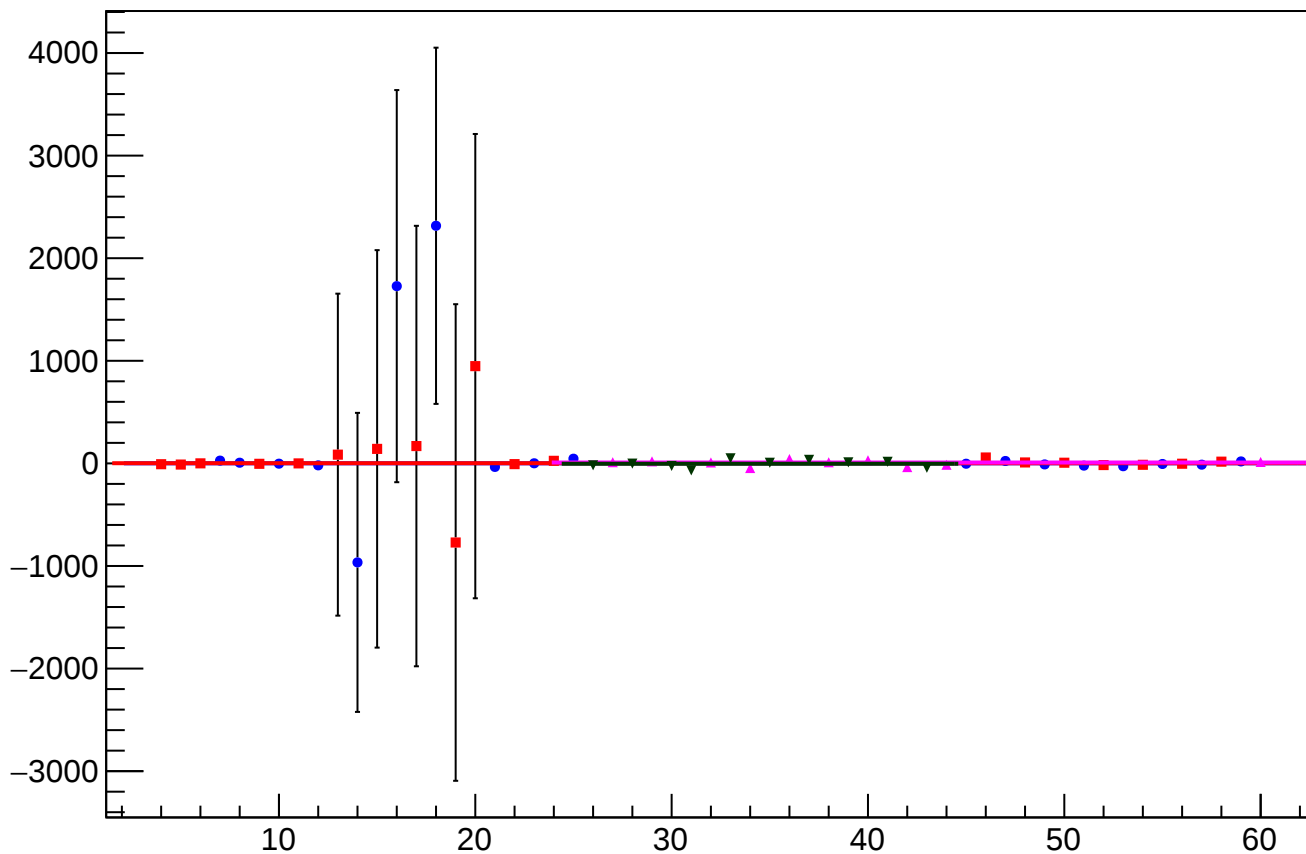
141.203 $\pm$ 0.027 χ^2 /NDF: 5058680.8/27

Right Out: 140.050 $\pm$ 0.037 χ^2 /NDF: 5289912.8/18

127.485 $\pm$ 0.025 χ^2 /NDF: 5887872.4/28

Left In: 116.823 $\pm$ 0.034 χ^2 /NDF: 385565.6/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



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

Left Out: -3.293 $\pm$ 7.243 χ^2 /NDF:18.2/9

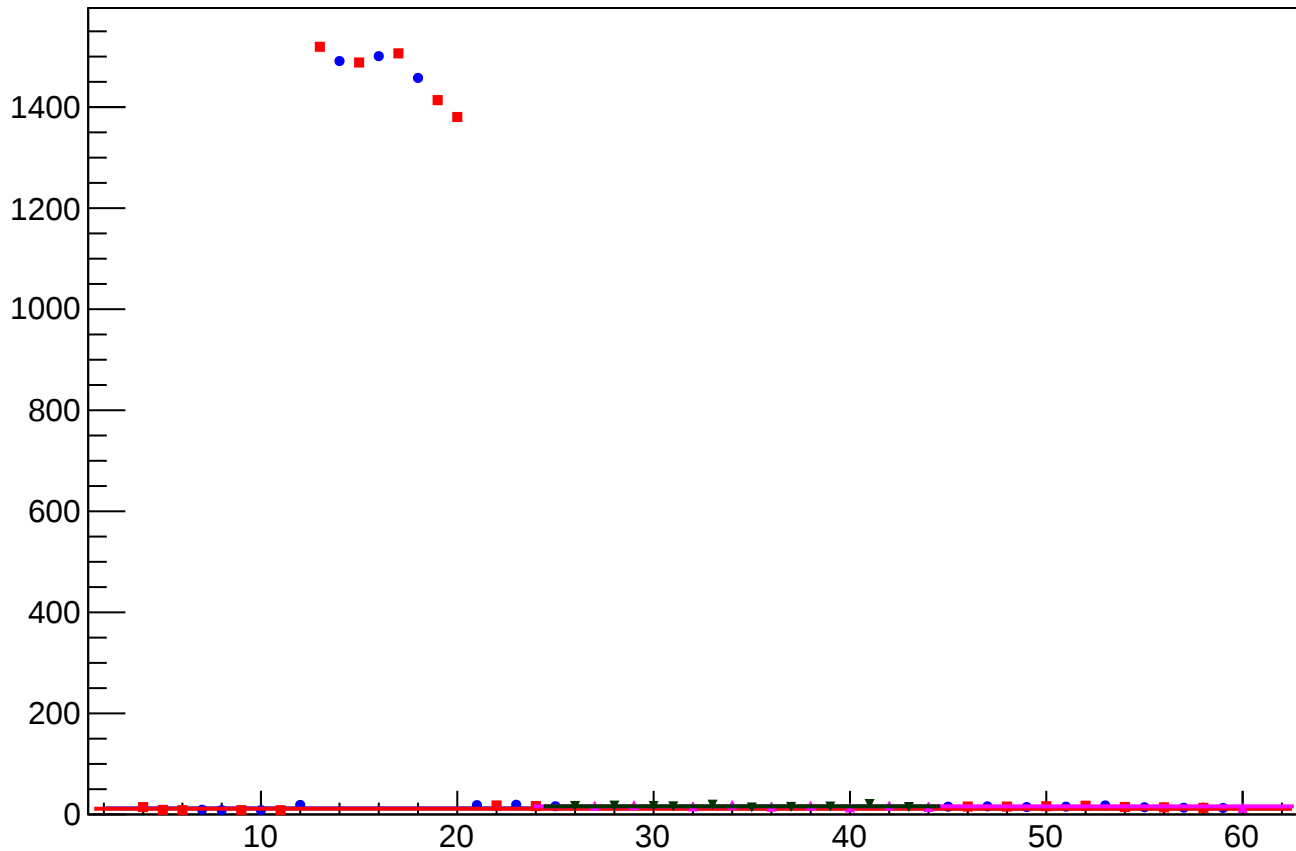
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 8.589 $\pm$ 6.719 χ^2 /NDF:11.4/9

-0.382 $\pm$ 3.707 χ^2 /NDF: 34.4/27

3.870 $\pm$ 3.722 χ^2 /NDF: 22.3/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 12.013 $\pm$ 0.003 χ^2 /NDF: 6061463.6/17

Left Out: 16.136 $\pm$ 0.005 χ^2 /NDF:128057.2/9

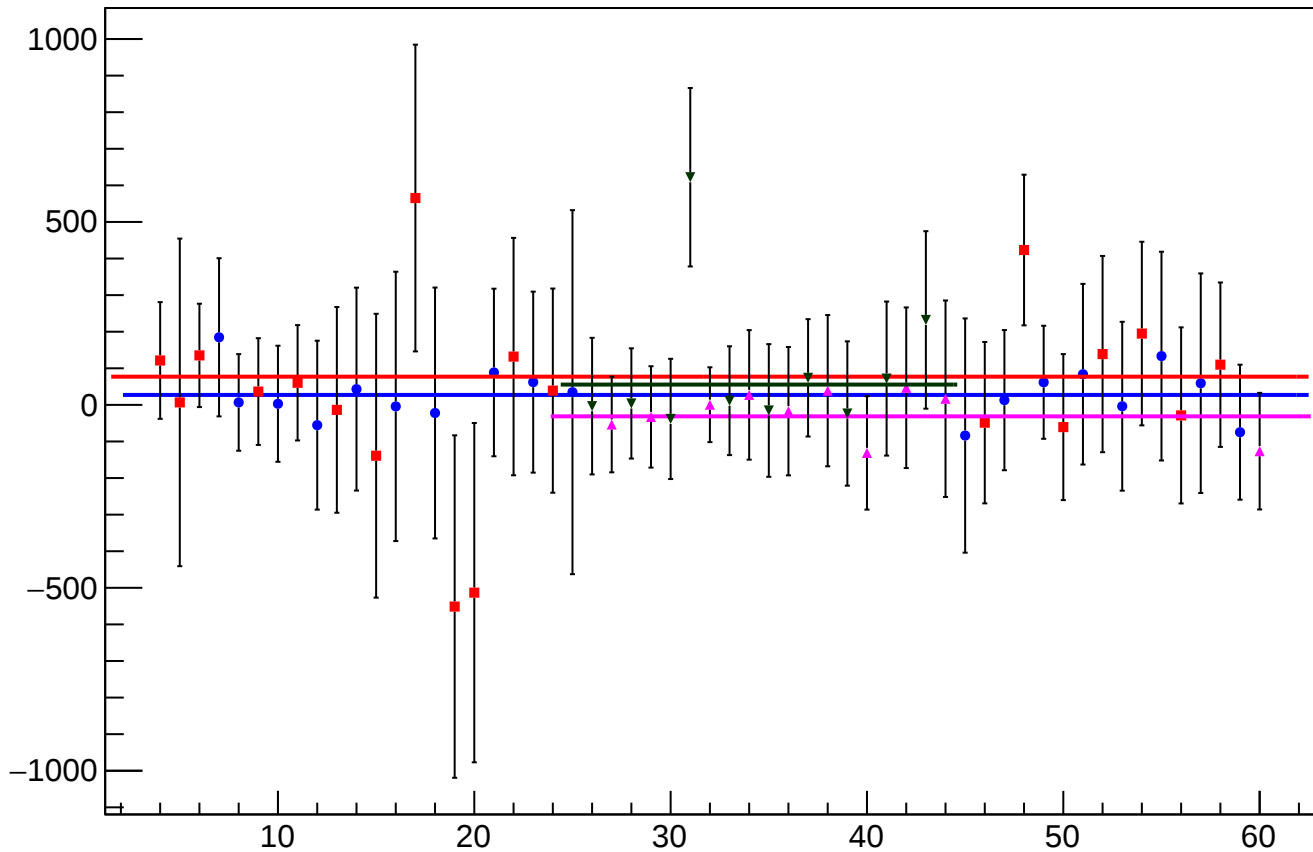
Right Out: 11.361 $\pm$ 0.003 χ^2 /NDF: 6645877.2/18

Left In: 16.015 $\pm$ 0.005 χ^2 /NDF:165769.9/9

13.093 $\pm$ 0.003 χ^2 /NDF: 6667769.4/27

12.789 $\pm$ 0.003 χ^2 /NDF: 7476941.2/28

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: 55.504+/-57.134 χ^2/NDF : 6.9/9

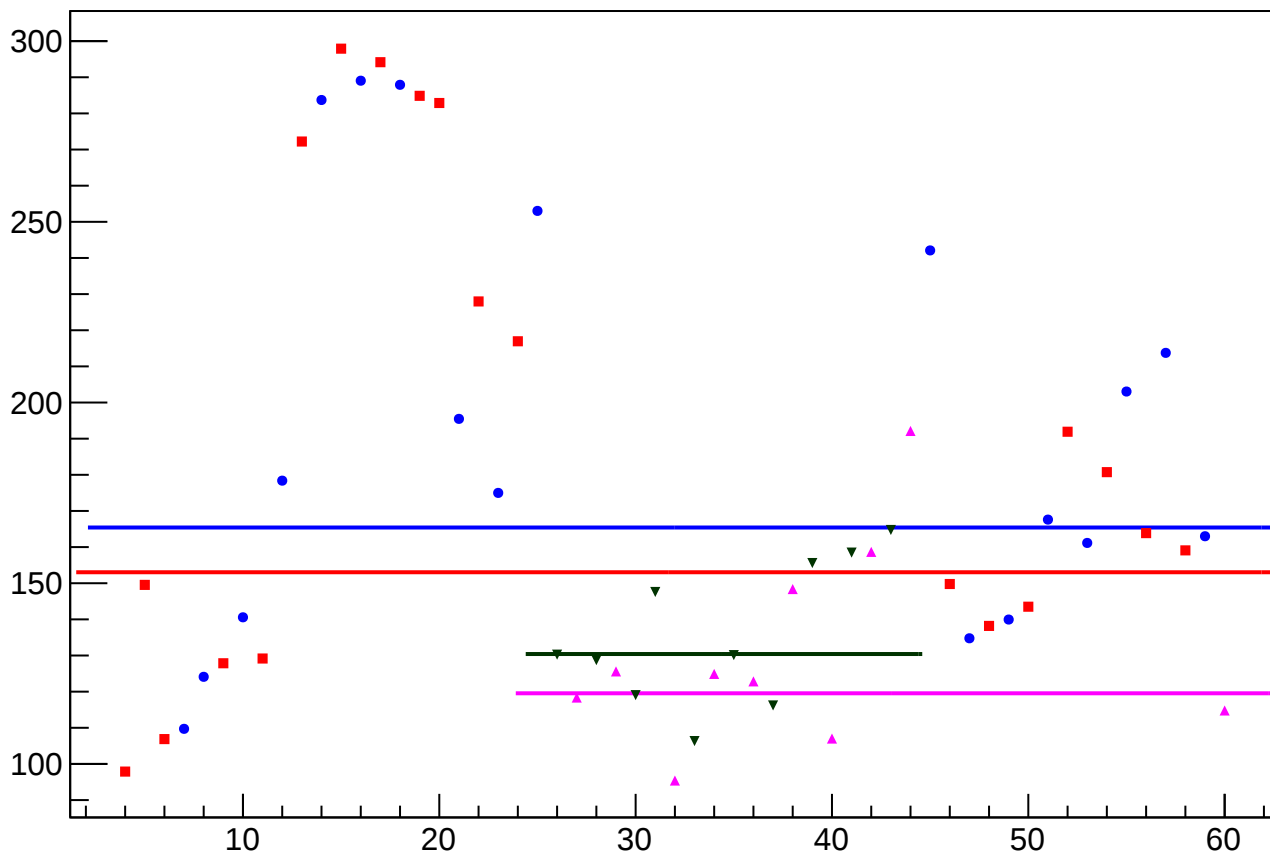
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -31.293+/-49.404 χ^2/NDF : 1.3/9

39.988+/-38.382 χ^2/NDF : 8.6/27

20.464+/-35.714 χ^2/NDF : 13.3/28

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: 130.412 $\pm$ 0.040 χ^2 /NDF:196128.5/9

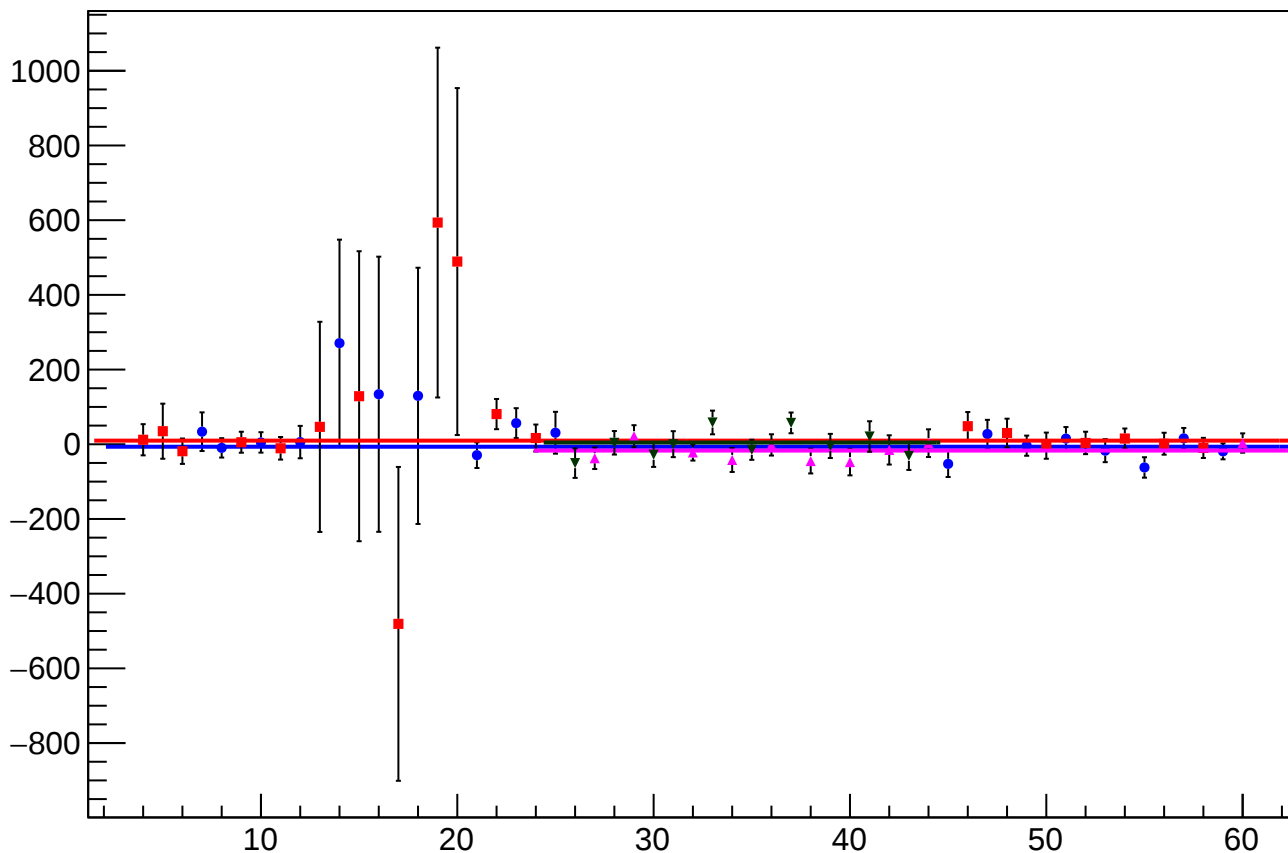
149.620 $\pm$ 0.027 χ^2 /NDF: 2244527.2/27

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

135.538 $\pm$ 0.025 χ^2 /NDF: 2858225.9/28

Left In: 119.547 $\pm$ 0.035 χ^2 /NDF:381529.6/9

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: 4.706+/-10.341 χ^2/NDF : 11.1/9

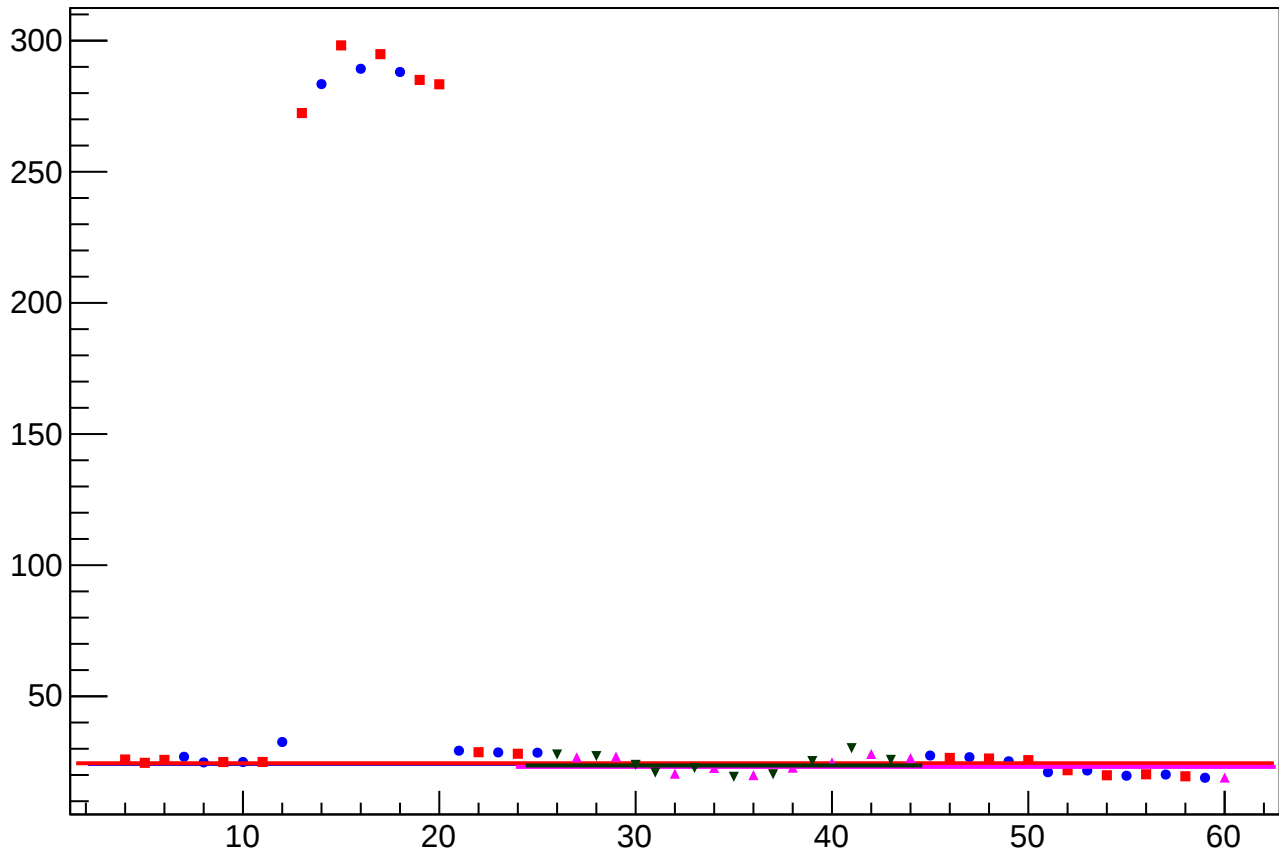
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

Left In: -16.875+/-9.442 χ^2/NDF : 5.5/9

-2.305+/-6.360 χ^2/NDF : 25.6/27

-2.771+/-6.476 χ^2/NDF : 20.4/28

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 23.629+/-0.007 χ^2/NDF : 207433.9/9

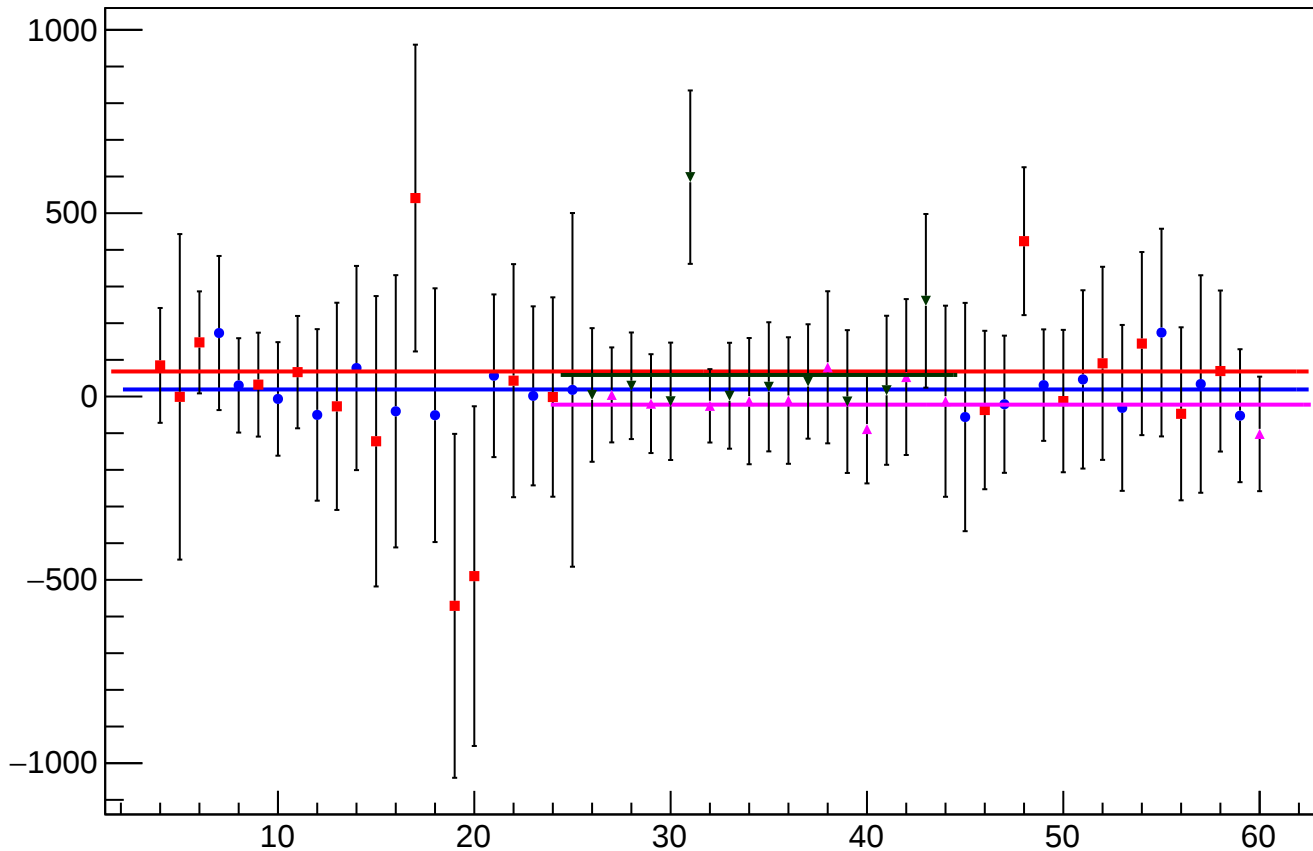
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

Left In: 23.085+/-0.007 χ^2/NDF : 222853.4/9

24.000+/-0.004 χ^2/NDF : 4624628.8/27

23.816+/-0.005 χ^2/NDF : 5105505.1/28

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: 58.807+/-55.552 χ^2/NDF : 6.6/9

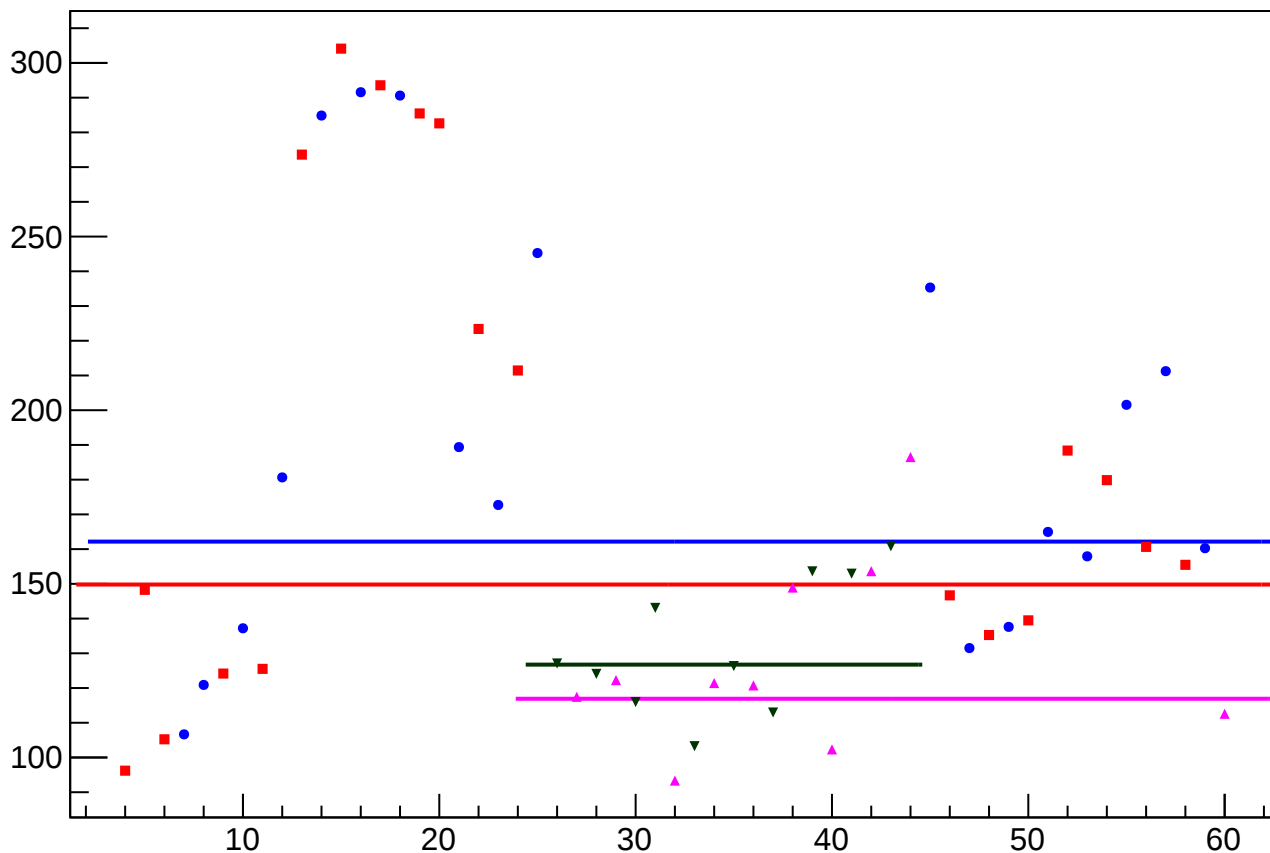
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -22.169+/-48.316 χ^2/NDF : 0.9/9

37.316+/-37.534 χ^2/NDF : 8.4/27

20.883+/-34.980 χ^2/NDF : 11.8/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.166+/-0.036 χ^2/NDF : 1720612.8/17

Left Out: 126.741+/-0.039 χ^2/NDF : 200512.0/9

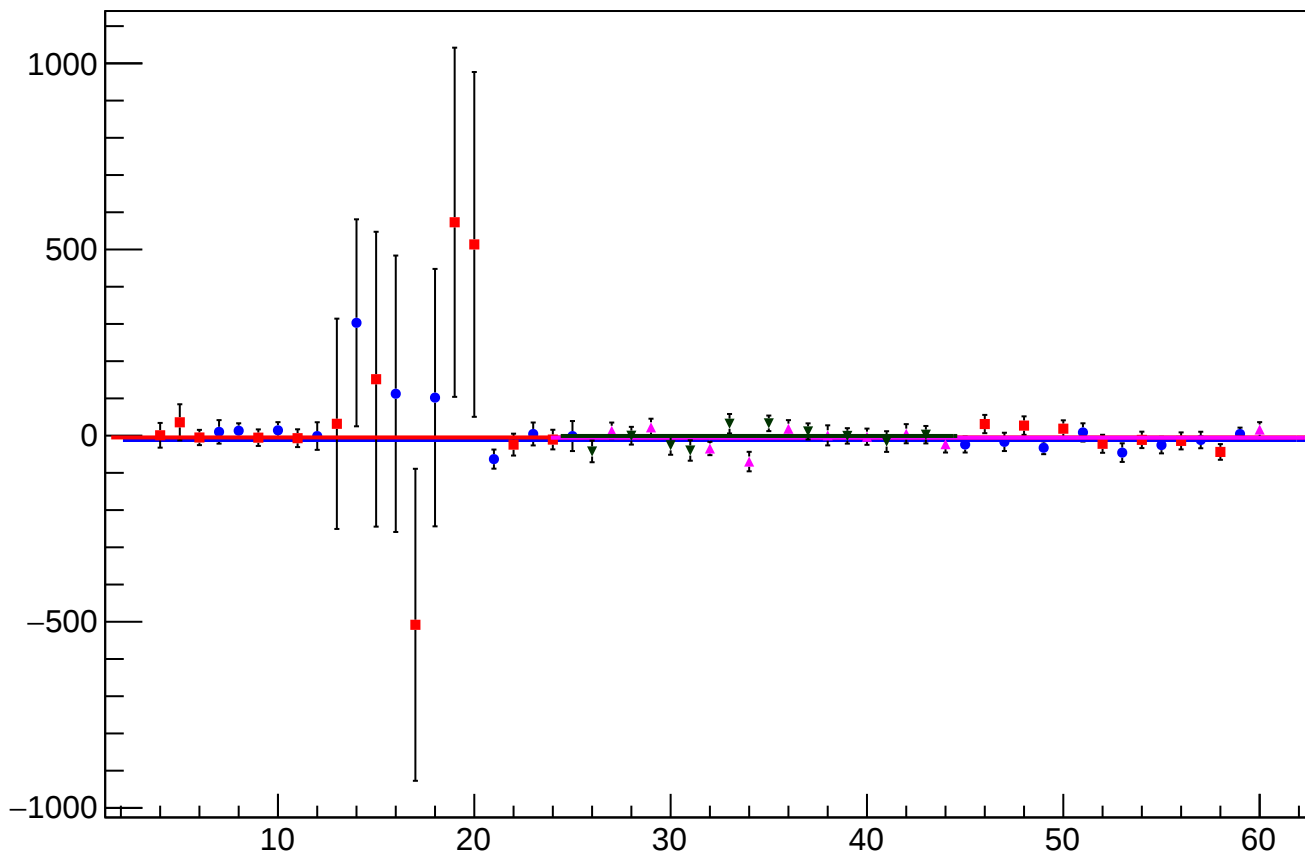
145.994+/-0.027 χ^2/NDF : 2363160.2/27

Right Out: 149.803+/-0.036 χ^2/NDF : 2114602.4/18

132.564+/-0.025 χ^2/NDF : 2942826.9/28

Left In: 116.913+/-0.034 χ^2/NDF : 387227.3/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -0.891 $\pm$ 7.638 χ^2 /NDF: 9.9/9

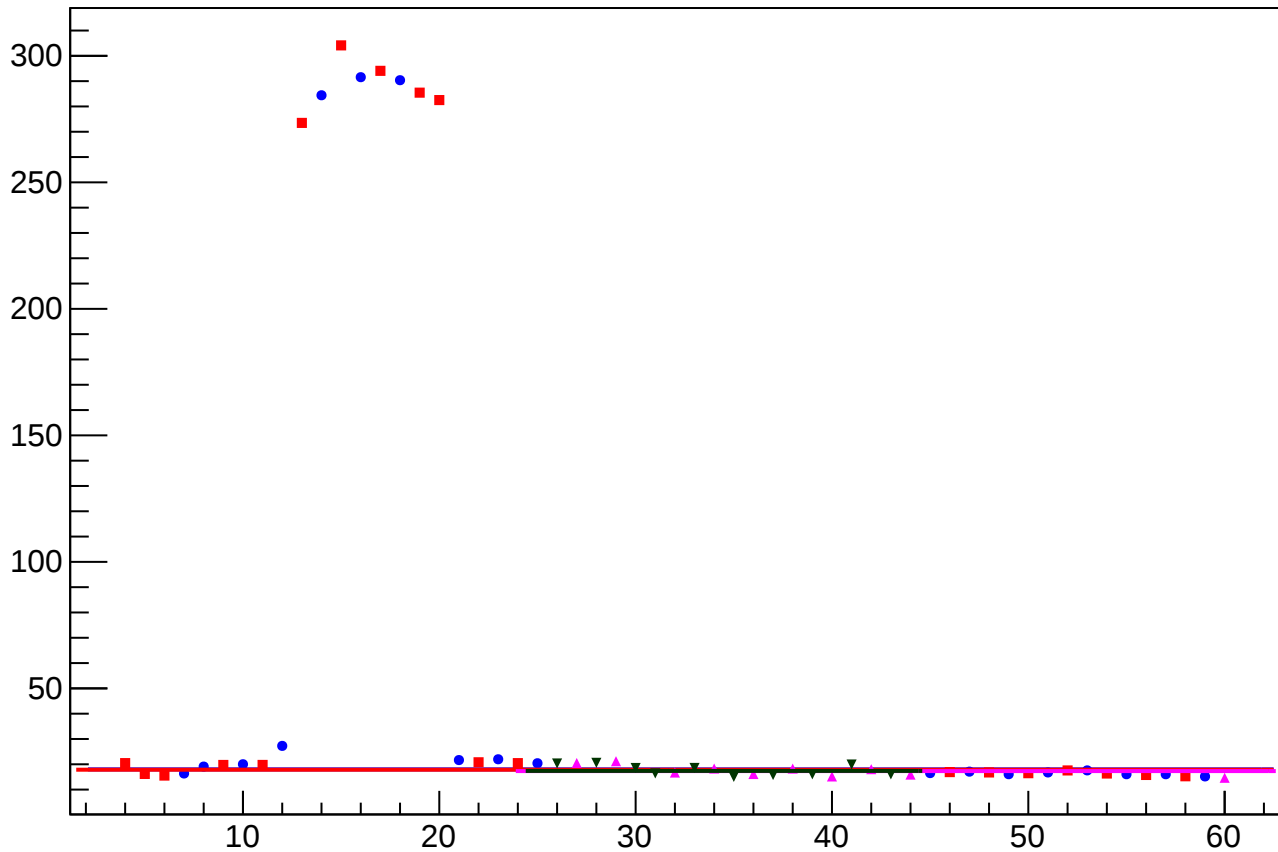
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

Left In: -5.461 $\pm$ 7.104 χ^2 /NDF: 13.9/9

-7.553 $\pm$ 4.735 χ^2 /NDF: 26.1/27

-5.128 $\pm$ 4.815 χ^2 /NDF: 28.5/28

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: 17.382+/-0.005 χ^2/NDF :136187.2/9

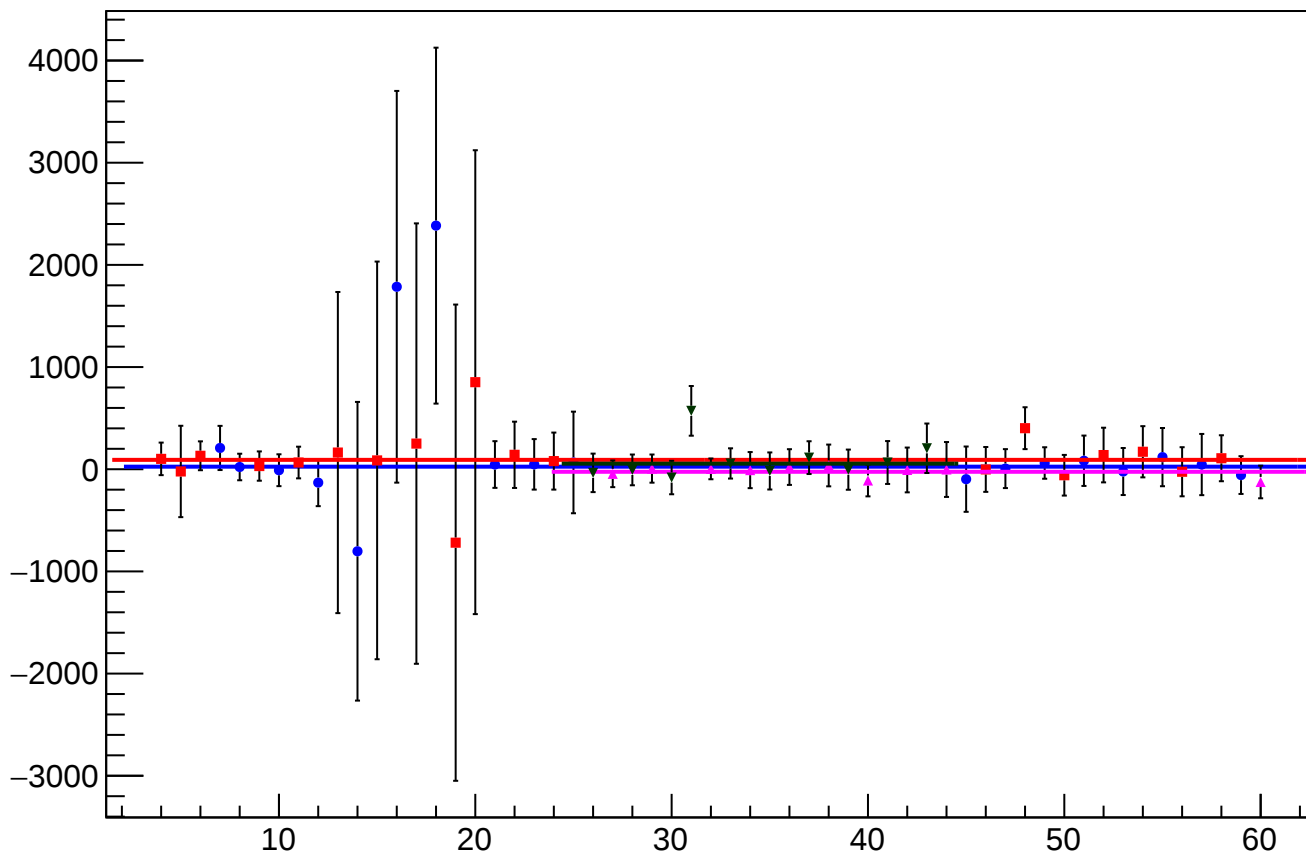
17.755+/-0.003 χ^2/NDF : 4669147.4/27

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

17.605+/-0.003 χ^2/NDF : 5214569.9/28

Left In: 17.311+/-0.005 χ^2/NDF :174118.9/9

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: 54.414 $\pm$ 57.060 χ^2 /NDF:6.4/9

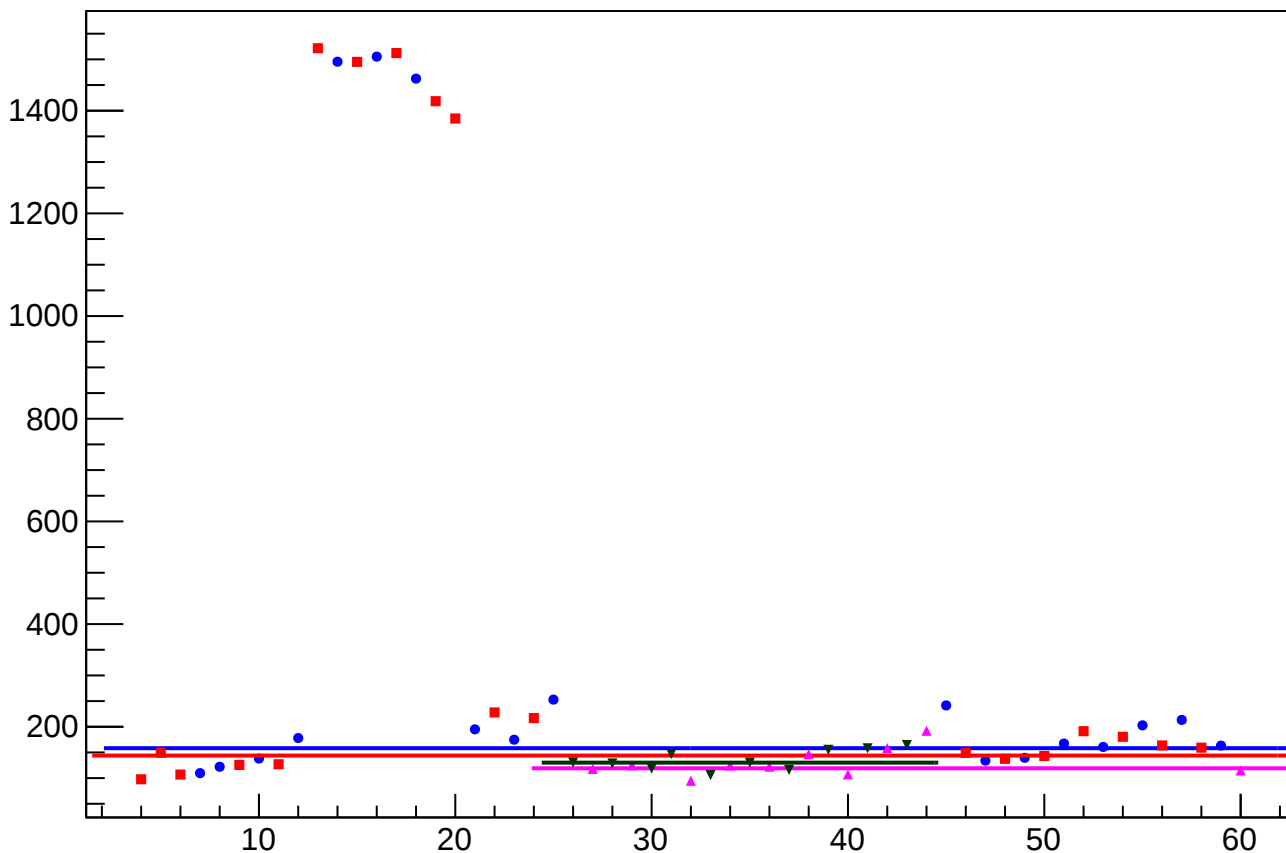
Right Out: 91.771 $\pm$ 53.823 χ^2 /NDF: 4.0/18

Left In: -24.946 $\pm$ 49.247 χ^2 /NDF:1.0/9

38.833 $\pm$ 39.043 χ^2 /NDF: 11.4/27

28.241 $\pm$ 36.333 χ^2 /NDF: 7.6/28

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 158.277 ± 0.038 χ^2/NDF : 4538983.8/17

Left Out: 130.144 ± 0.040 χ^2/NDF : 197118.8/9

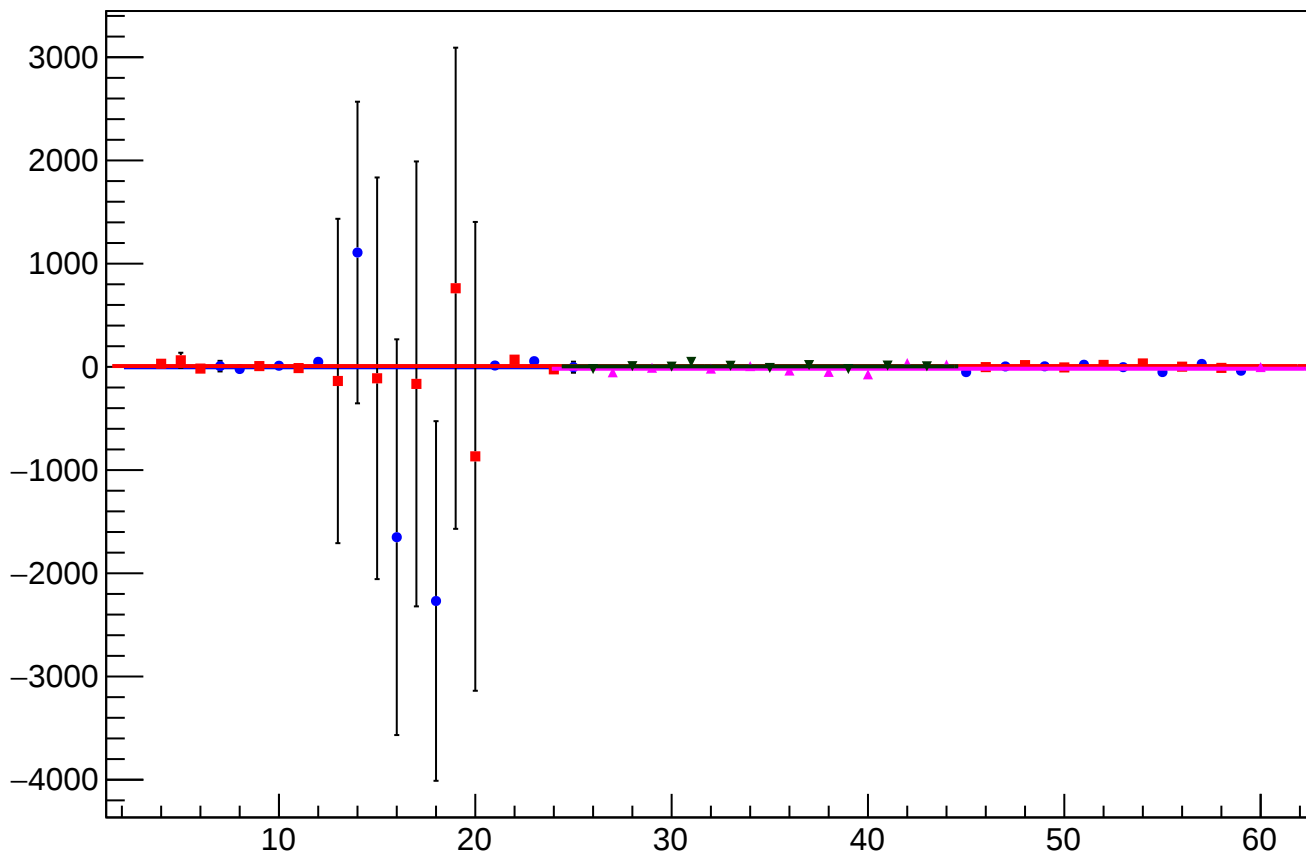
Right Out: 143.939 ± 0.038 χ^2/NDF : 5267987.5/18

Left In: 119.151 ± 0.035 χ^2/NDF : 382205.3/9

145.105 ± 0.028 χ^2/NDF : 4994656.3/27

130.447 ± 0.026 χ^2/NDF : 5881100.9/28

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: 5.137+/-9.787 χ^2 /NDF:3.6/9

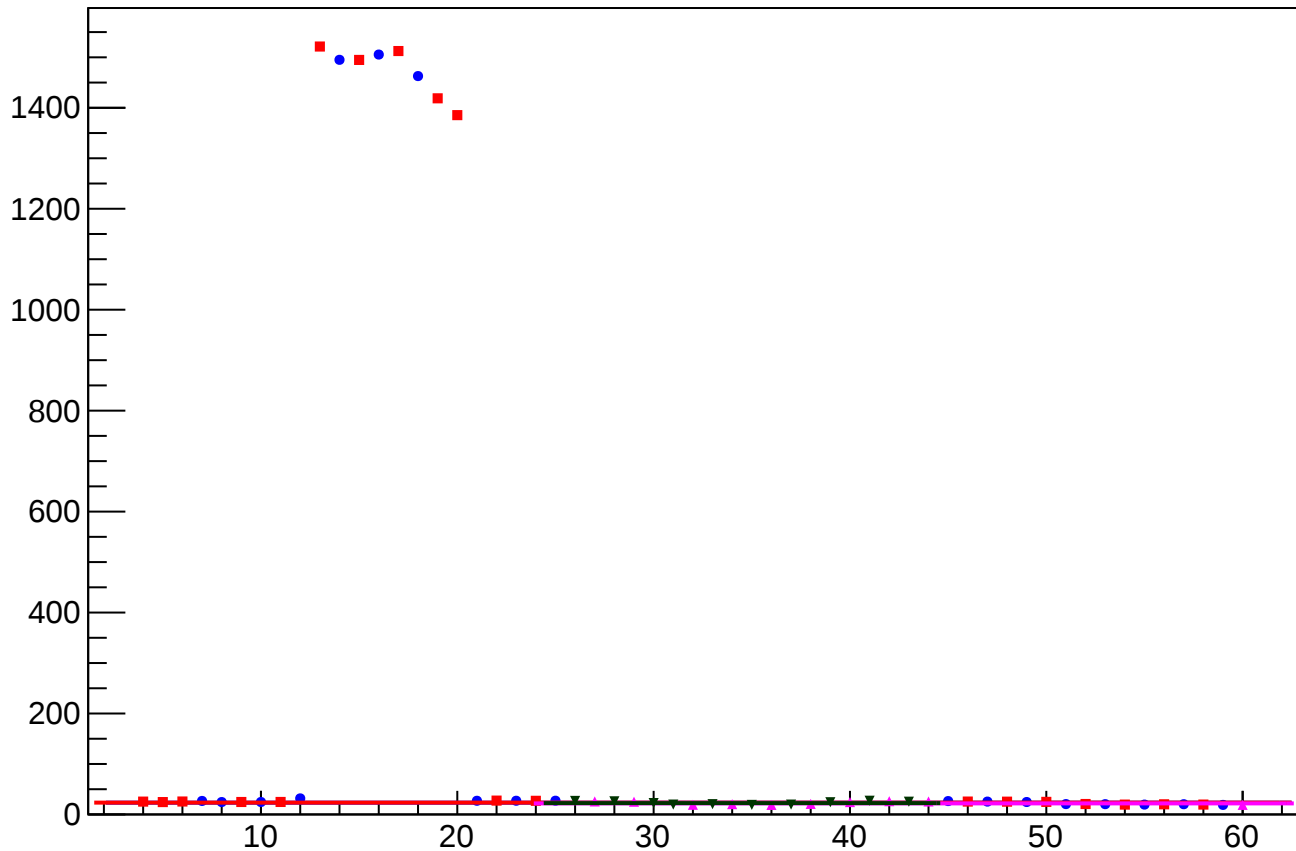
Right Out: 7.973+/-8.718 χ^2 /NDF: 7.3/18

Left In: -18.248+/-8.904 χ^2 /NDF:10.3/9

-0.451+/-6.136 χ^2 /NDF: 21.7/27

-4.861+/-6.229 χ^2 /NDF: 22.0/28

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: 22.469+/-0.007 χ^2/NDF :192593.7/9

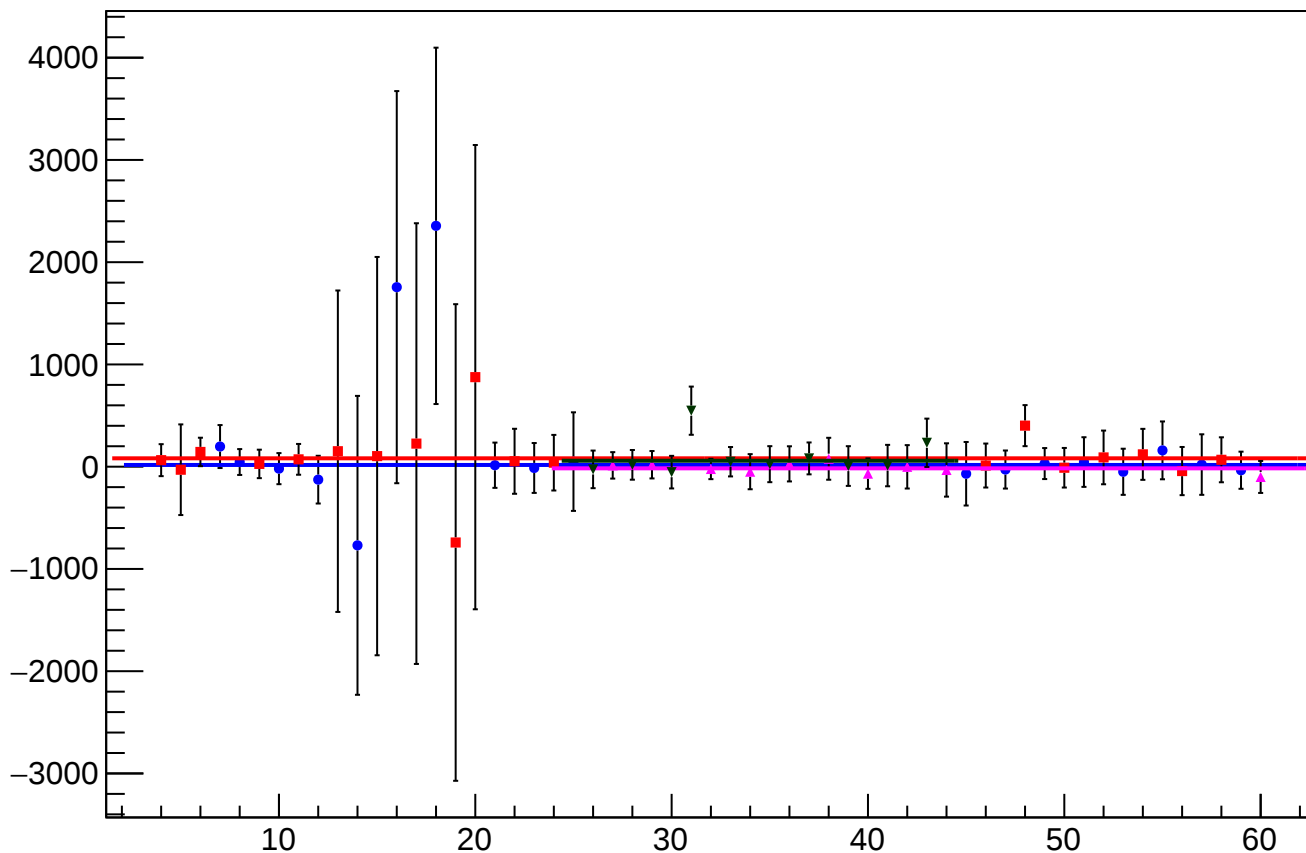
22.995+/-0.004 χ^2/NDF : 5167356.7/27

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

22.690+/-0.004 χ^2/NDF : 5814829.4/28

Left In: 21.903+/-0.006 χ^2/NDF :222655.6/9

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: 58.282+/-55.472 χ^2/NDF : 5.8/9

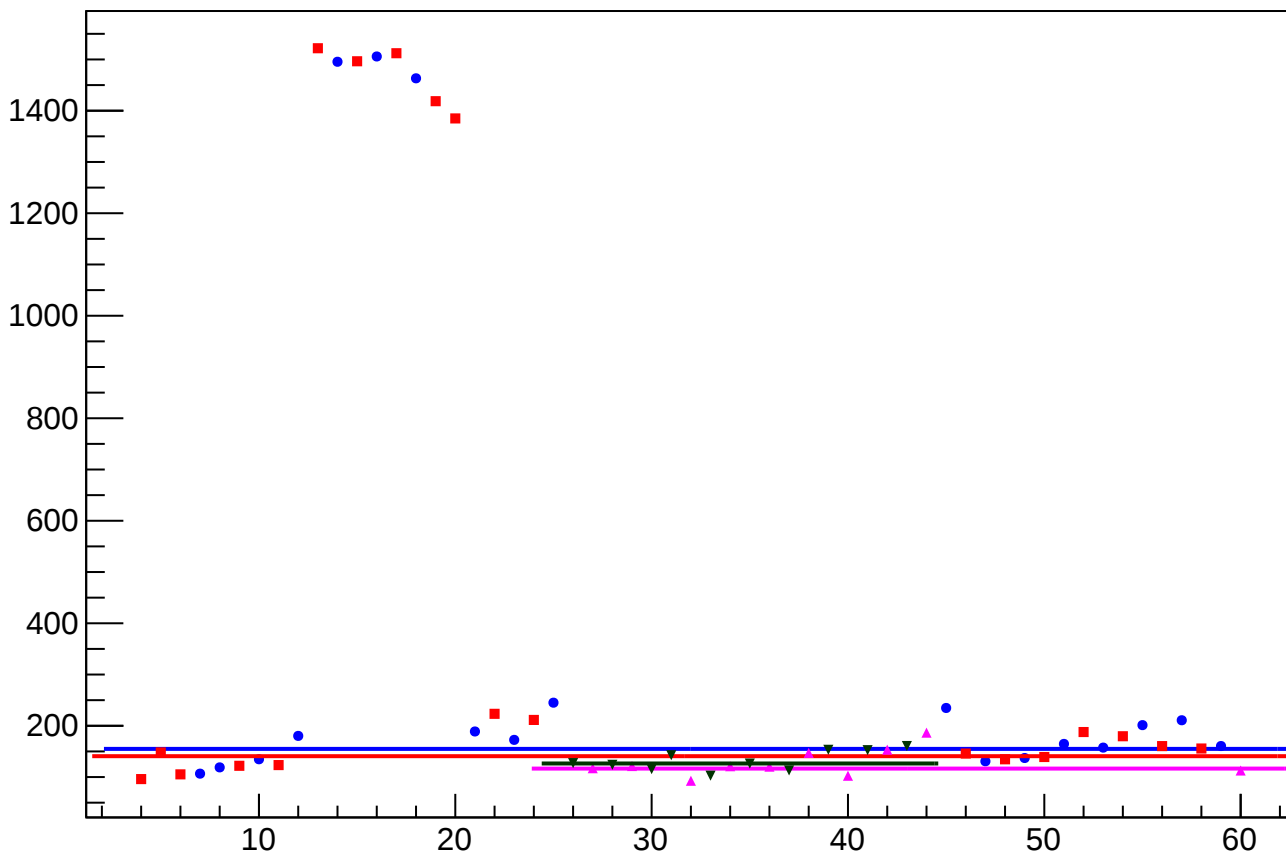
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -16.156+/-48.157 χ^2/NDF : 0.9/9

36.467+/-38.126 χ^2/NDF : 10.9/27

28.499+/-35.539 χ^2/NDF : 6.6/28

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: 126.462+/-0.039 χ^2/NDF :201645.3/9

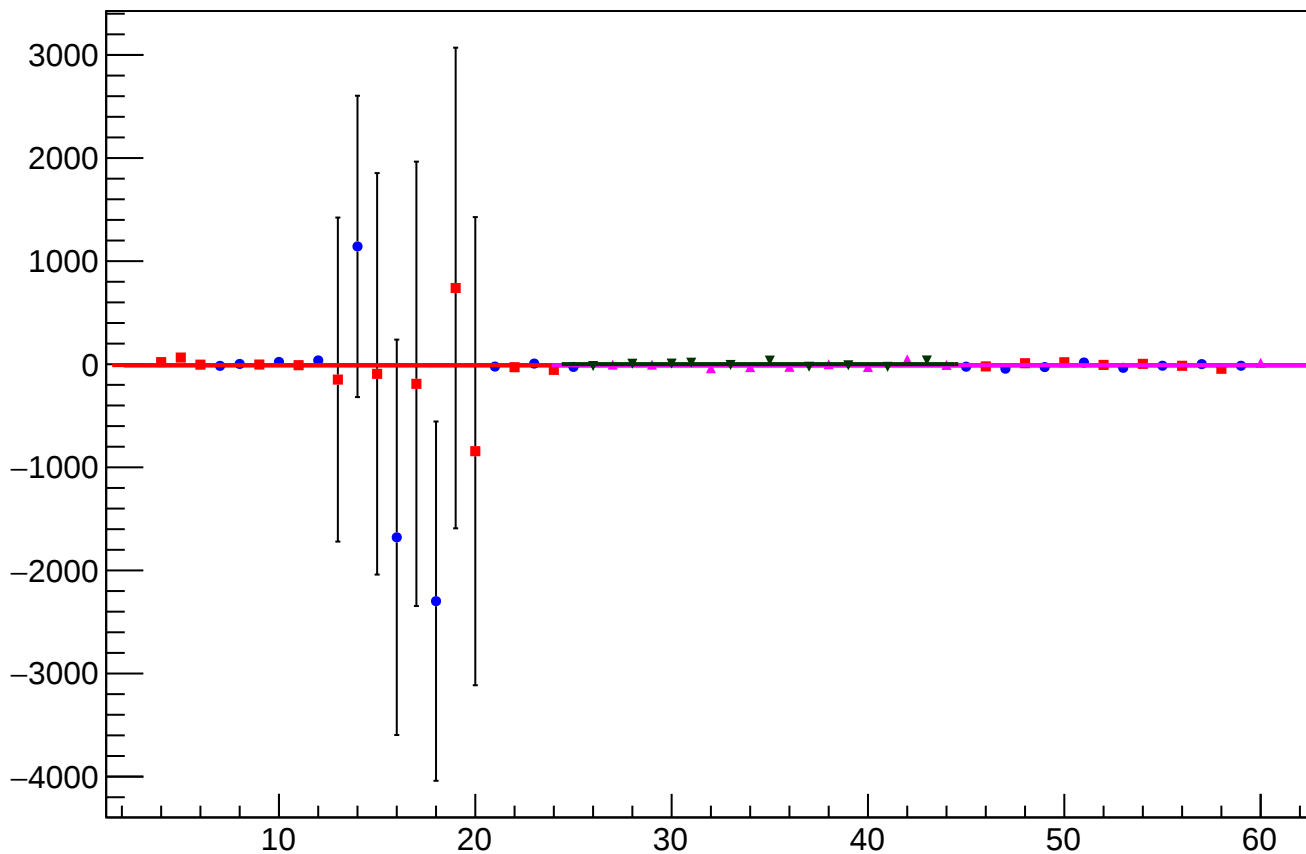
141.491+/-0.027 χ^2/NDF : 5060492.5/27

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

127.533+/-0.025 χ^2/NDF : 5909652.7/28

Left In: 116.516+/-0.034 χ^2/NDF :387791.2/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 1.404 $\pm$ 7.049 χ^2 /NDF:9.5/9

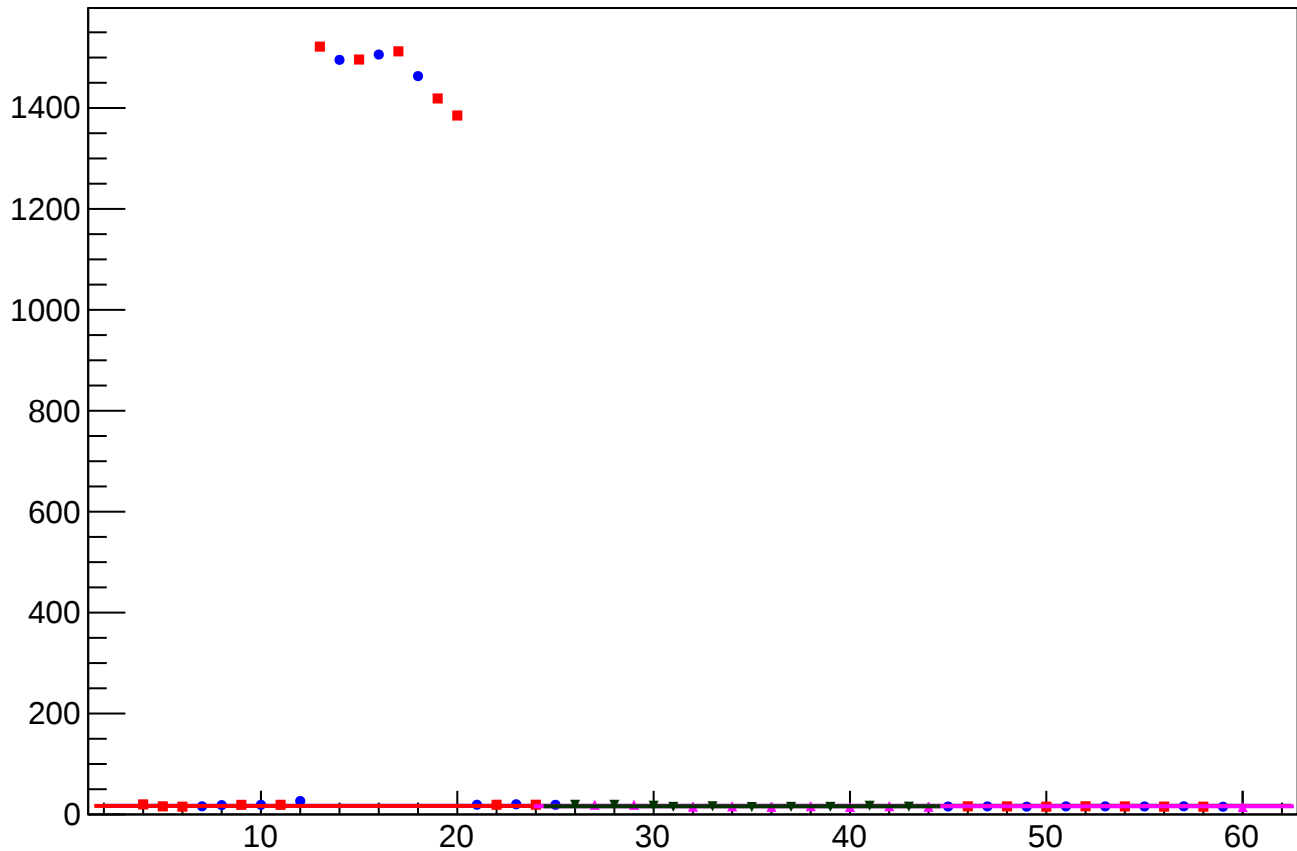
-6.219 $\pm$ 4.466 χ^2 /NDF: 26.4/27

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

-9.013 $\pm$ 4.543 χ^2 /NDF: 26.3/28

Left In: -9.174 $\pm$ 6.564 χ^2 /NDF:13.0/9

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: 16.220 $\pm$ 0.005 χ^2/NDF : 97219.6/9

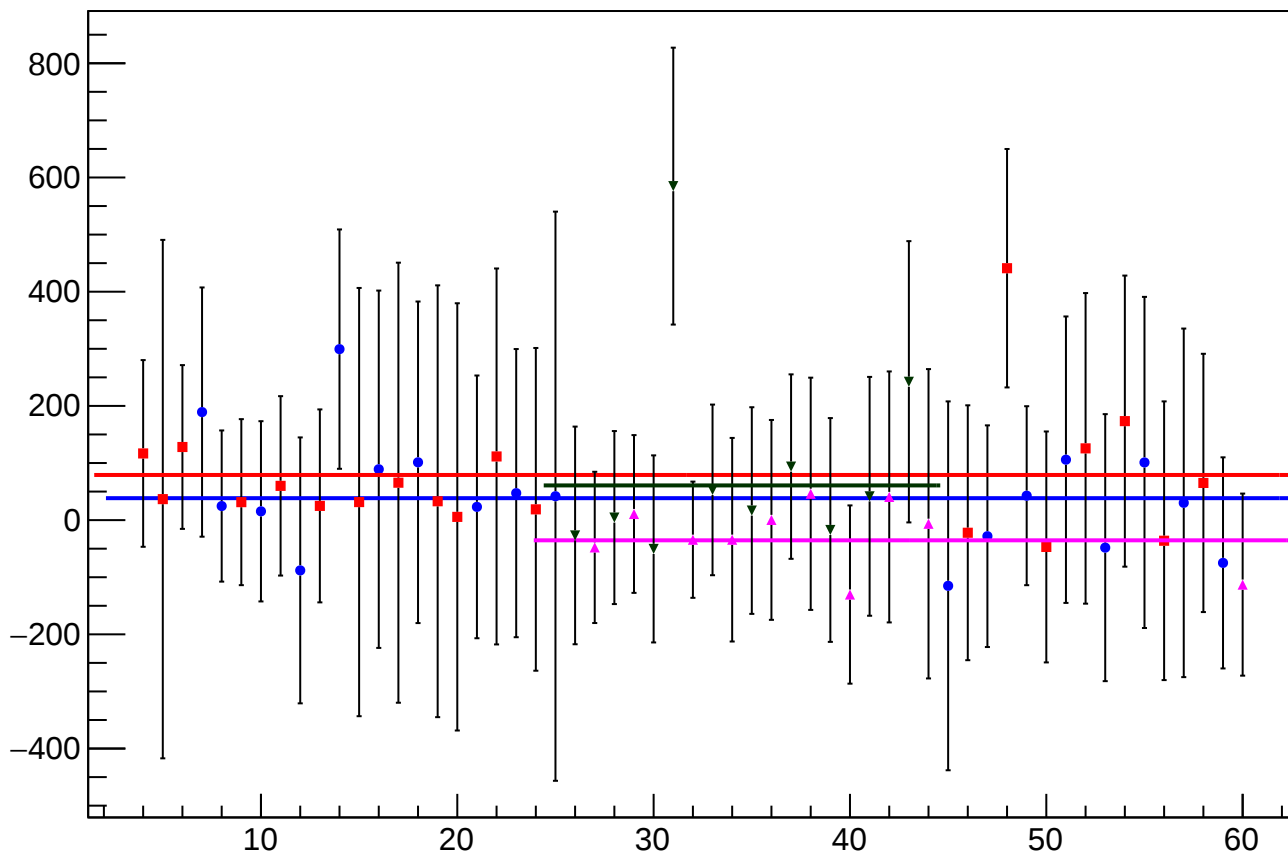
Right Out: 16.920 $\pm$ 0.004 χ^2/NDF : 5539958.1/18

Left In: 16.201 $\pm$ 0.005 χ^2/NDF : 116817.7/9

16.743 $\pm$ 0.003 χ^2/NDF : 5037628.2/27

16.575 $\pm$ 0.003 χ^2/NDF : 5669275.8/28

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: 60.773+/-57.310 χ^2/NDF : 6.3/9

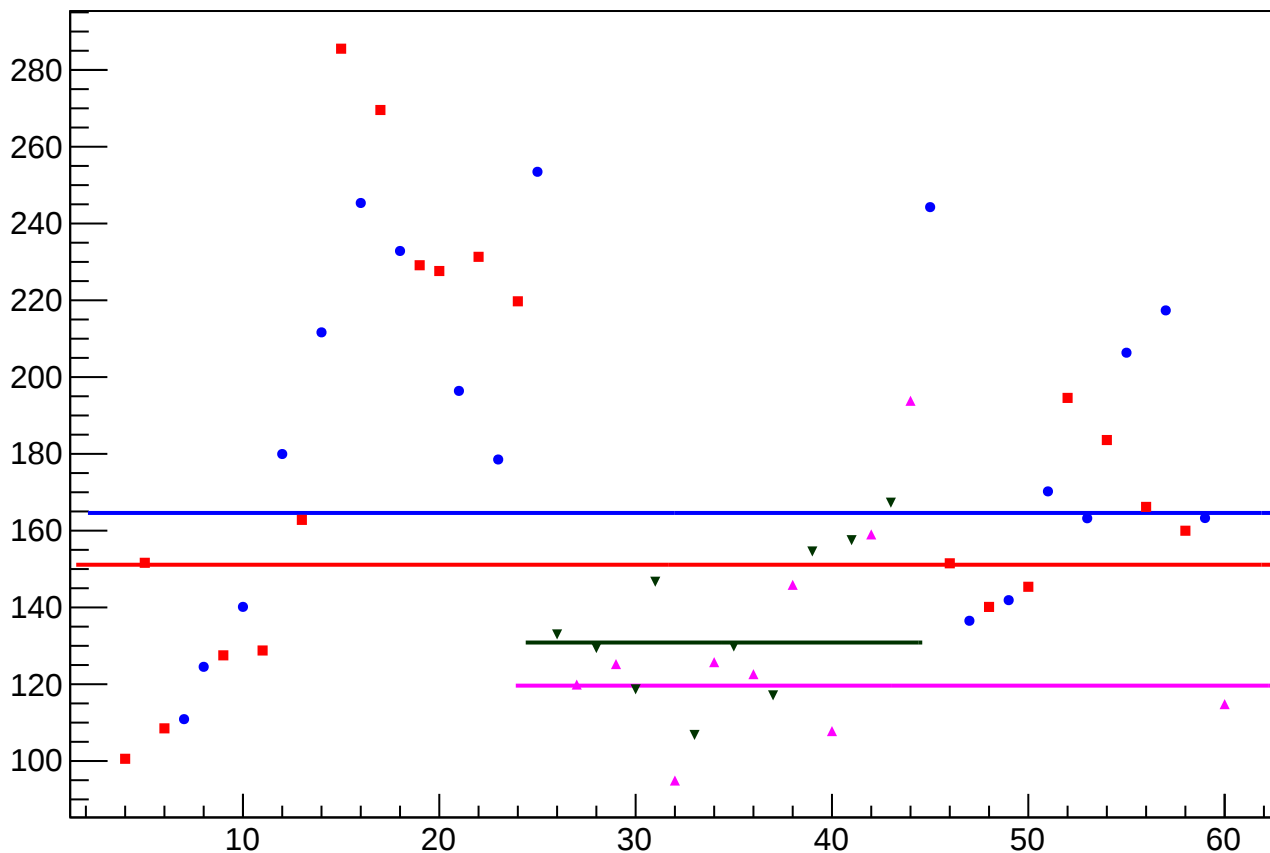
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -35.363+/-49.443 χ^2/NDF : 1.1/9

48.324+/-38.116 χ^2/NDF : 9.8/27

20.950+/-35.238 χ^2/NDF : 8.2/28

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: 130.861 $\pm$ 0.041 χ^2/NDF :192101.4/9

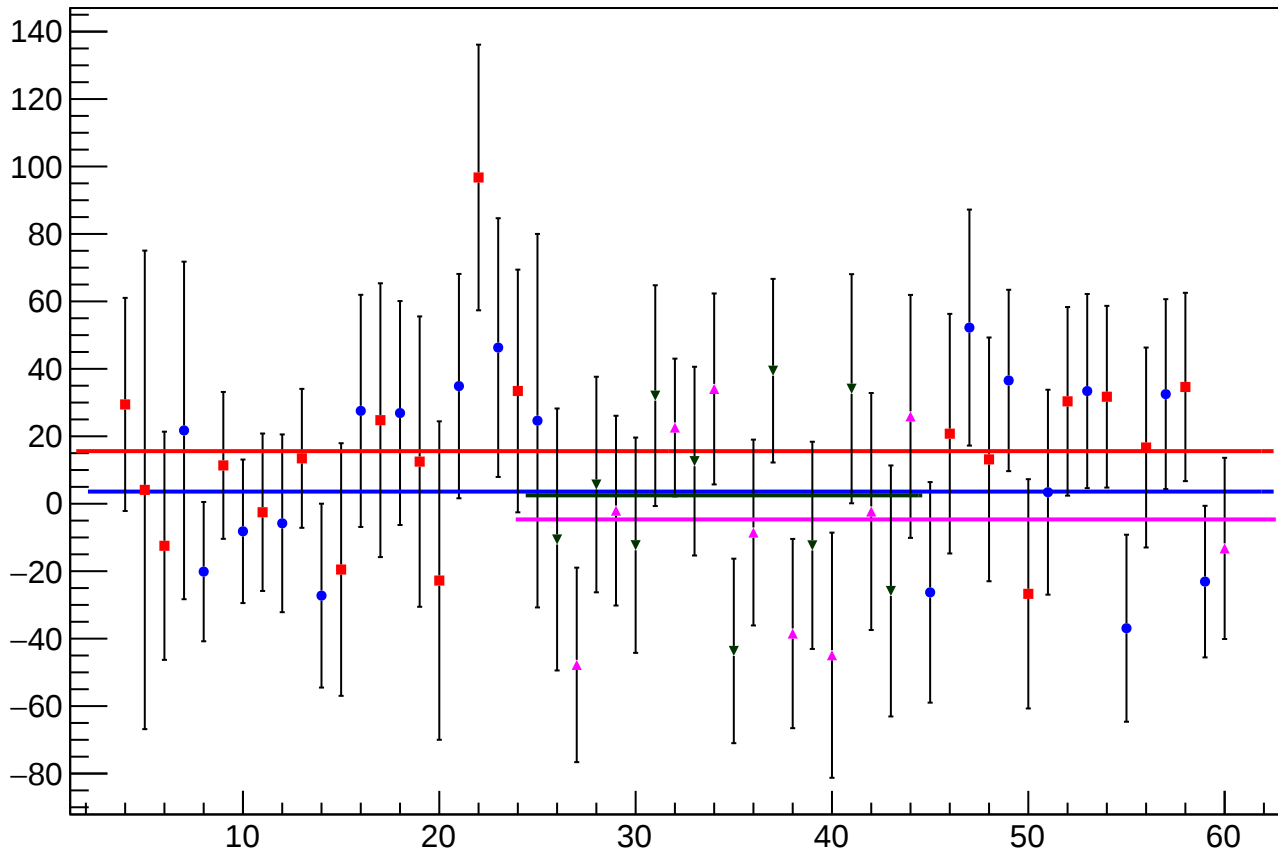
149.684 $\pm$ 0.027 χ^2/NDF : 1707490.2/27

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

135.129 $\pm$ 0.025 χ^2/NDF : 2207893.9/28

Left In: 119.634 $\pm$ 0.035 χ^2/NDF :385276.4/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 3.606 $\pm$ 6.842 χ^2 /NDF: 16.3/17

Left Out: 2.482 $\pm$ 9.918 χ^2 /NDF: 7.7/9

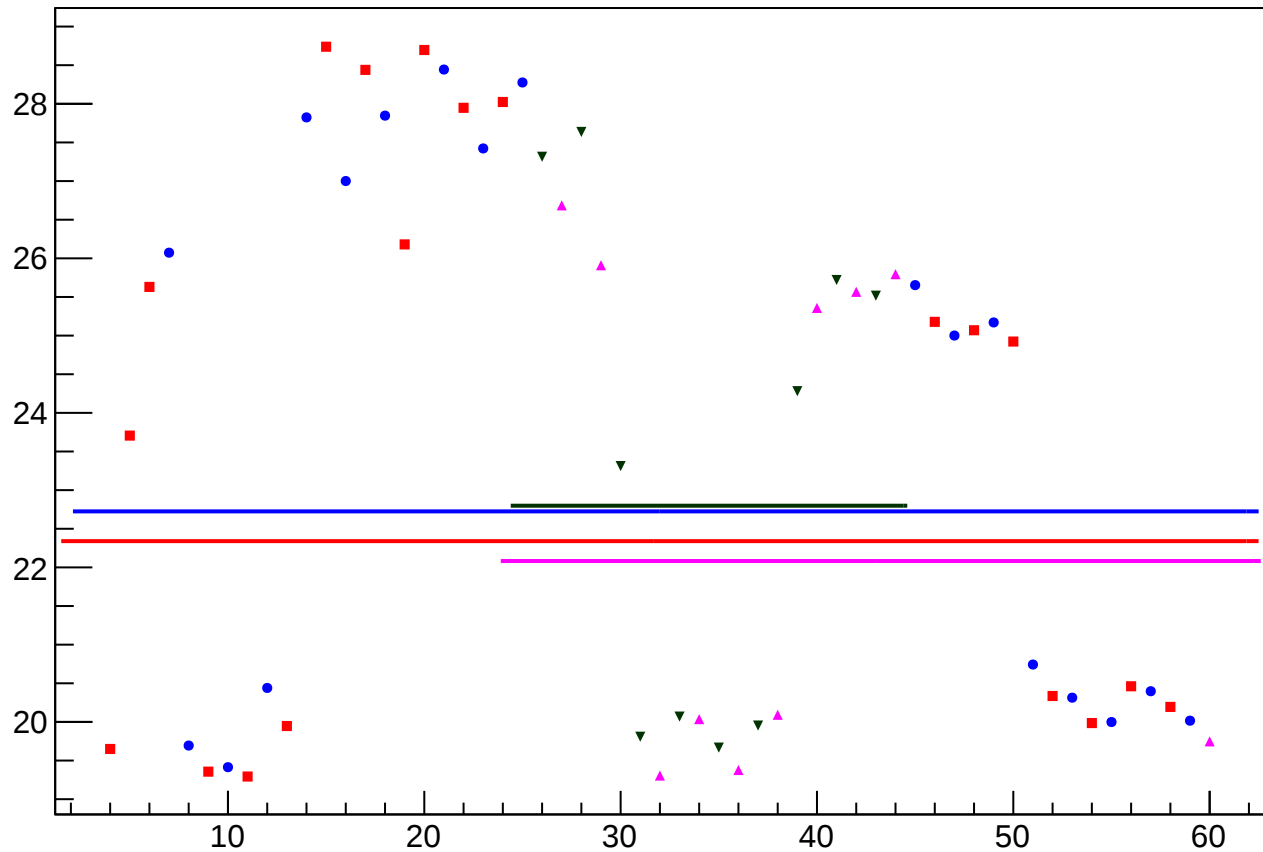
Right Out: 15.596 $\pm$ 7.143 χ^2 /NDF: 10.3/18

Left In: -4.652 $\pm$ 8.972 χ^2 /NDF: 9.4/9

3.243 $\pm$ 5.632 χ^2 /NDF: 24.0/27

7.741 $\pm$ 5.588 χ^2 /NDF: 22.9/28

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: 22.798+/-0.007 χ^2/NDF : 187251.4/9

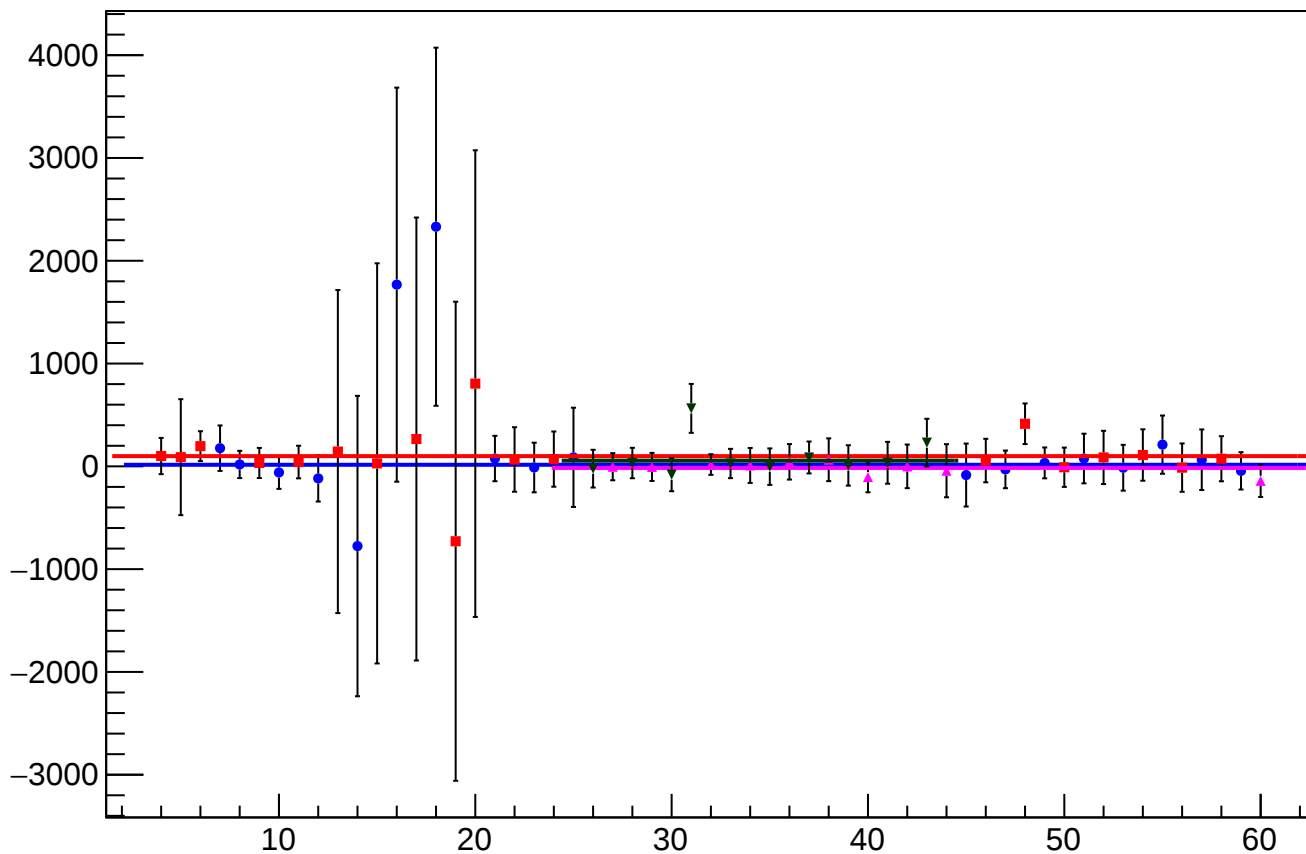
22.749+/-0.004 χ^2/NDF : 686100.7/27

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

22.240+/-0.004 χ^2/NDF : 698041.0/28

Left In: 22.083+/-0.006 χ^2/NDF : 237025.6/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 55.403+/-55.677 χ^2/NDF : 6.3/9

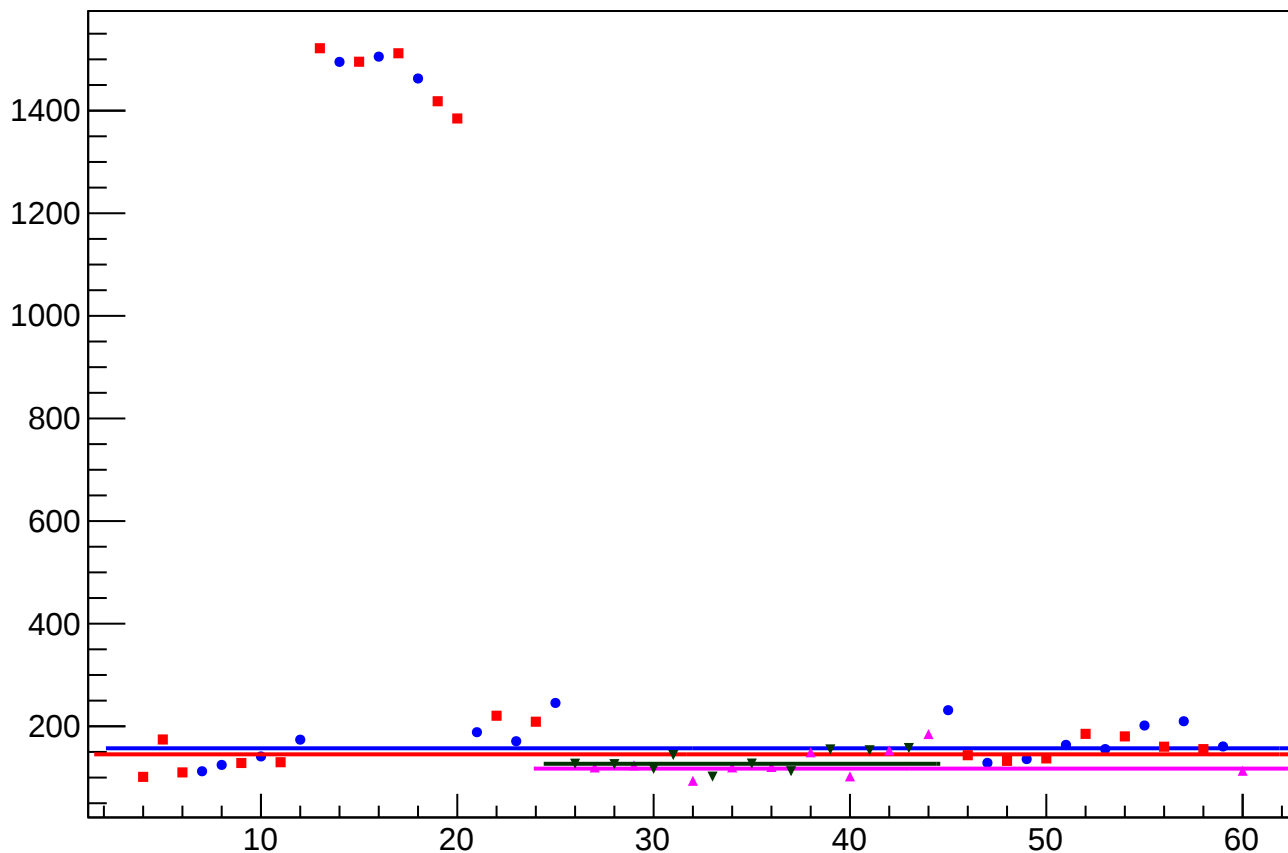
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

Left In: -15.430+/-48.535 χ^2/NDF : 1.4/9

34.317+/-38.396 χ^2/NDF : 11.6/27

35.633+/-36.182 χ^2/NDF : 8.1/28

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: 126.898+/-0.039 χ^2/NDF : 206102.9/9

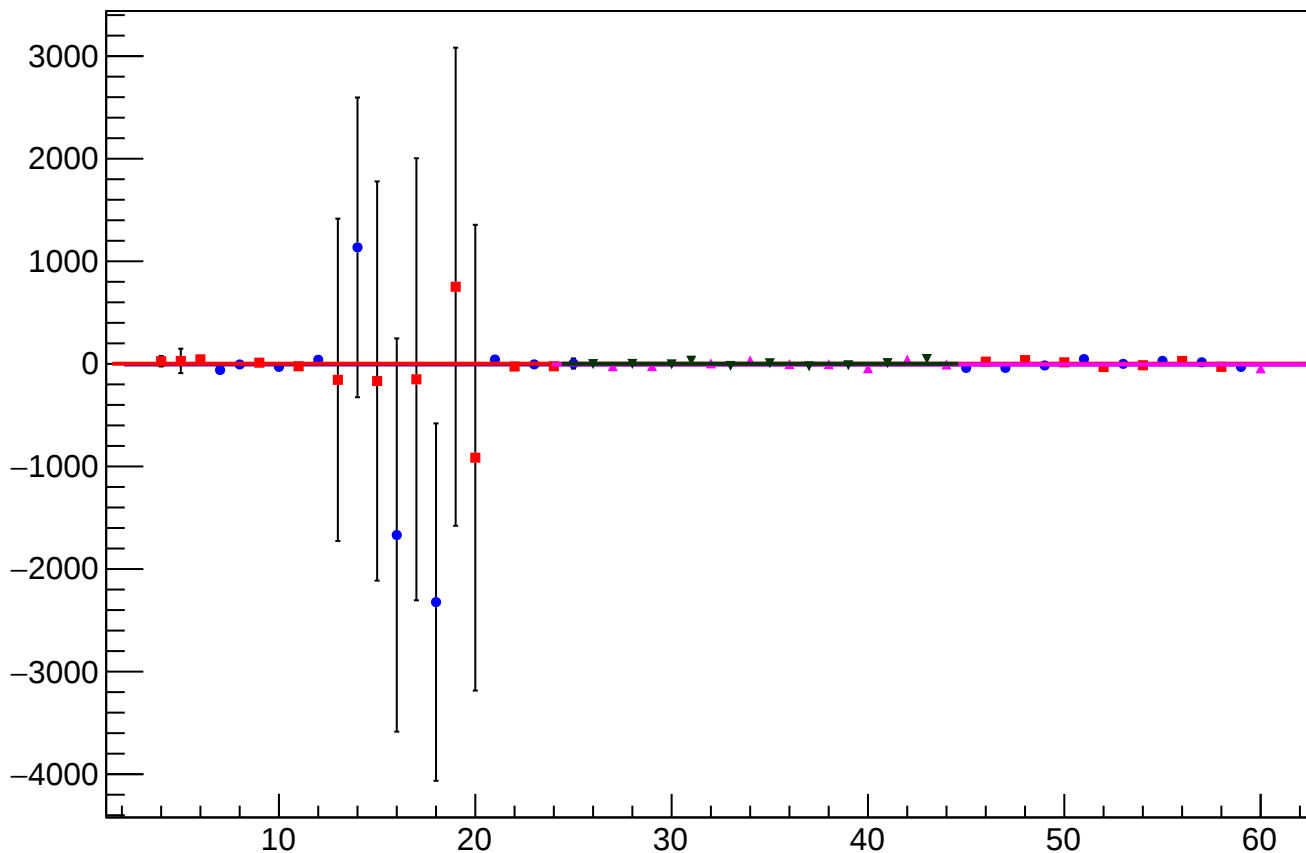
Right Out: 145.299+/-0.038 χ^2/NDF : 5124139.9/18

Left In: 117.505+/-0.034 χ^2/NDF : 378519.0/9

142.731+/-0.027 χ^2/NDF : 4971276.5/27

129.852+/-0.026 χ^2/NDF : 5794043.4/28

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 1.170+/-9.255 χ^2/NDF : 5.3/9

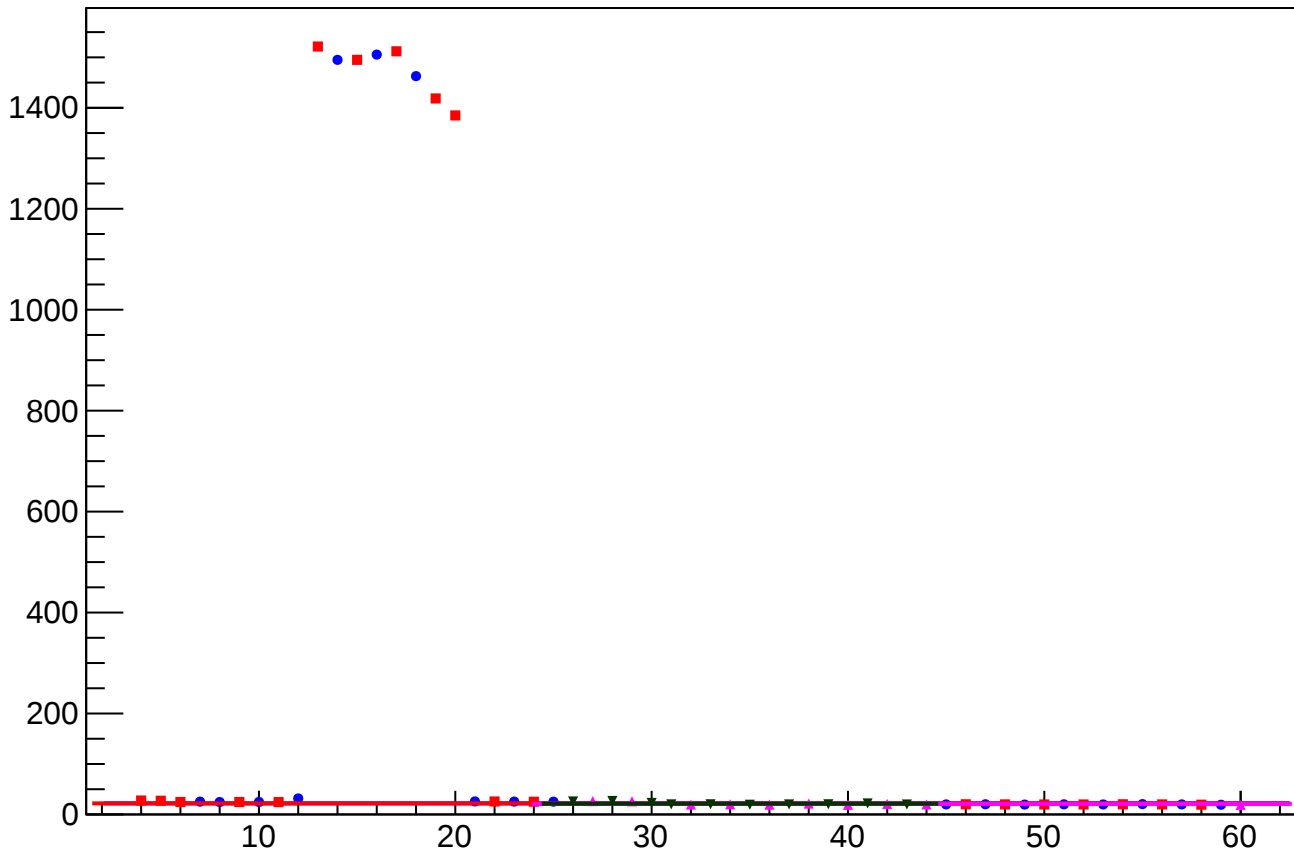
Right Out: 1.722+/-8.261 χ^2/NDF : 10.4/18

Left In: -6.160+/-8.538 χ^2/NDF : 9.6/9

-3.003+/-5.775 χ^2/NDF : 24.4/27

-2.089+/-5.937 χ^2/NDF : 20.4/28

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: 21.296 $\pm$ 0.007 χ^2/NDF : 129006.6/9

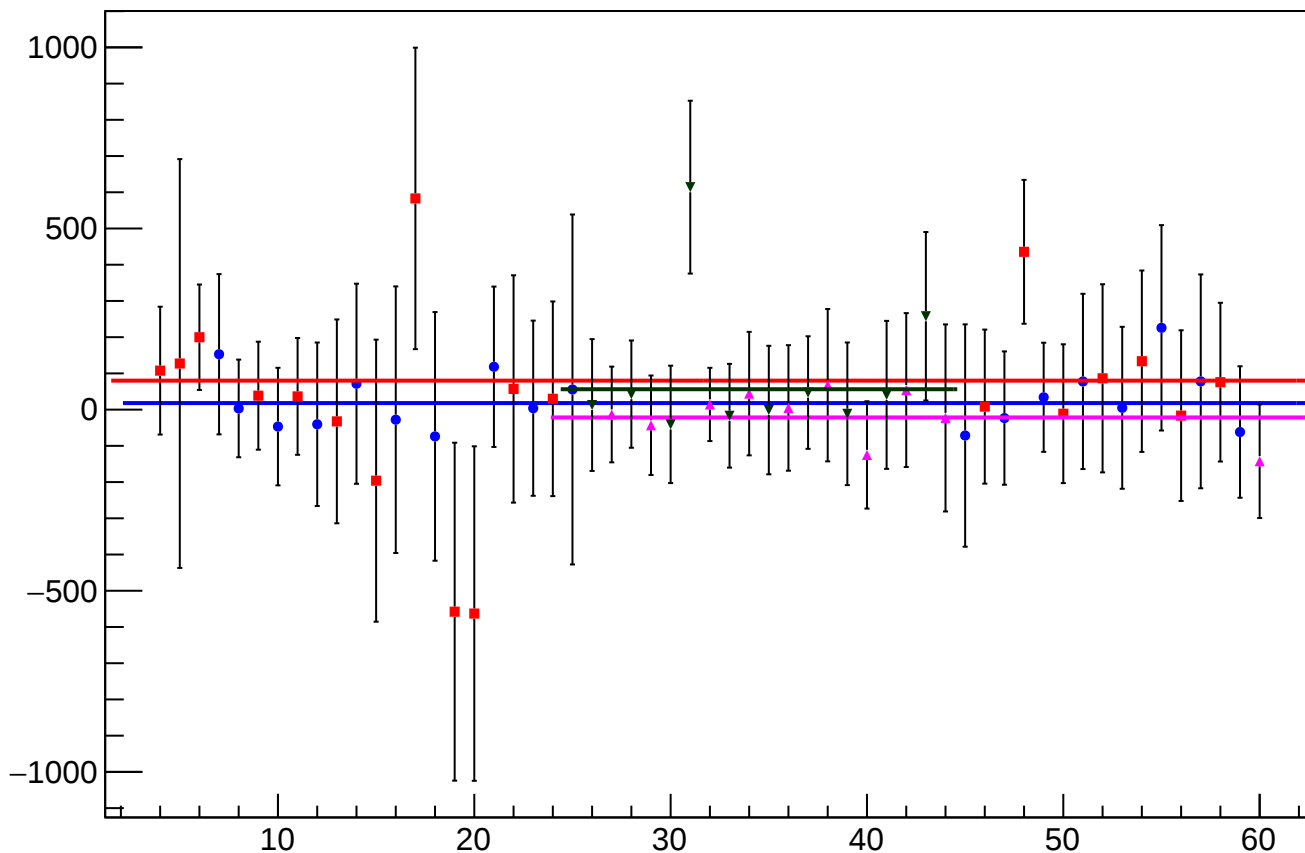
Right Out: 21.987 $\pm$ 0.006 χ^2/NDF : 5559967.3/18

Left In: 21.059 $\pm$ 0.006 χ^2/NDF : 173674.0/9

21.676 $\pm$ 0.004 χ^2/NDF : 5066282.7/27

21.538 $\pm$ 0.004 χ^2/NDF : 5745850.1/28

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: 56.309+/-55.753 χ^2/NDF : 7.1/9

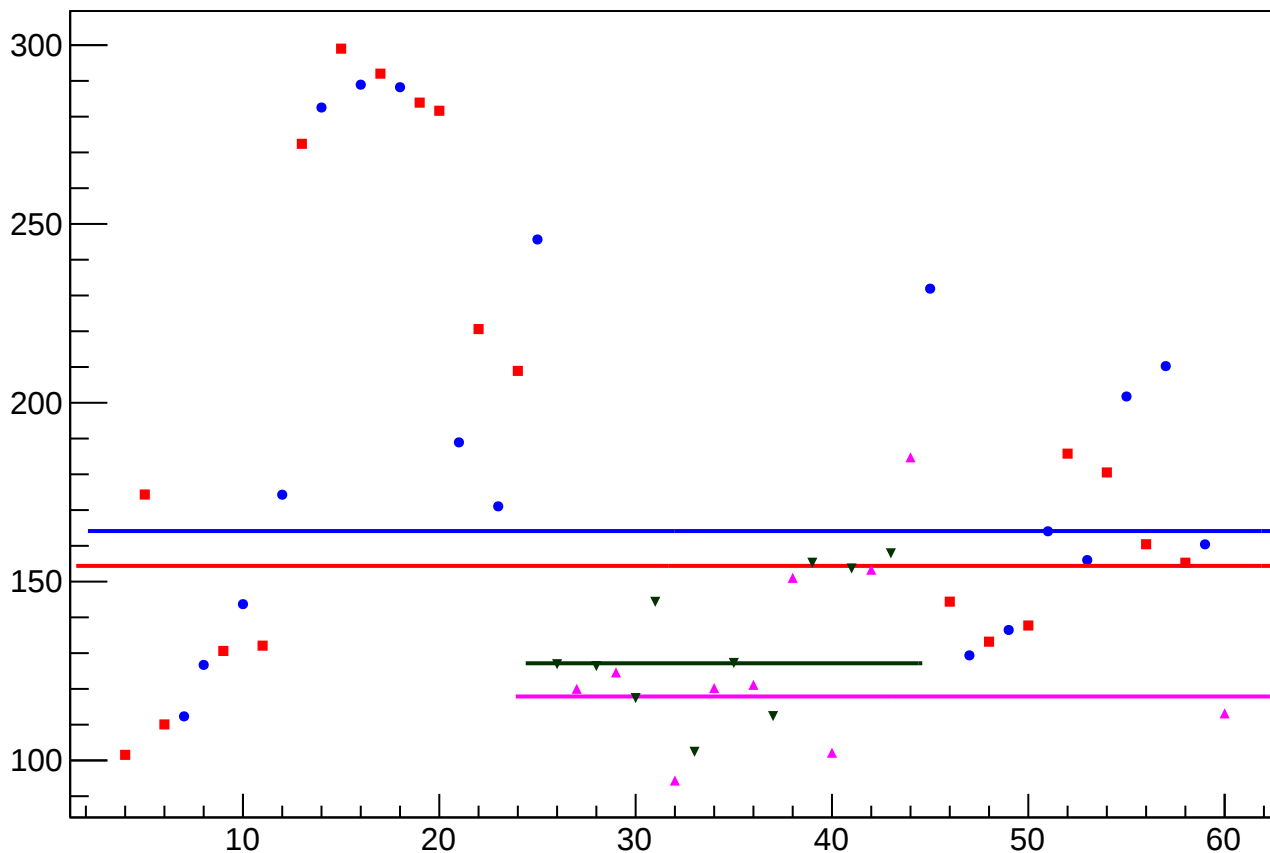
Right Out: 80.043+/-52.081 χ^2/NDF : 10.6/18

Left In: -21.550+/-48.687 χ^2/NDF : 1.7/9

35.633+/-37.764 χ^2/NDF : 9.3/27

25.829+/-35.566 χ^2/NDF : 14.3/28

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: 127.165 $\pm$ 0.039 χ^2/NDF : 204883.4/9

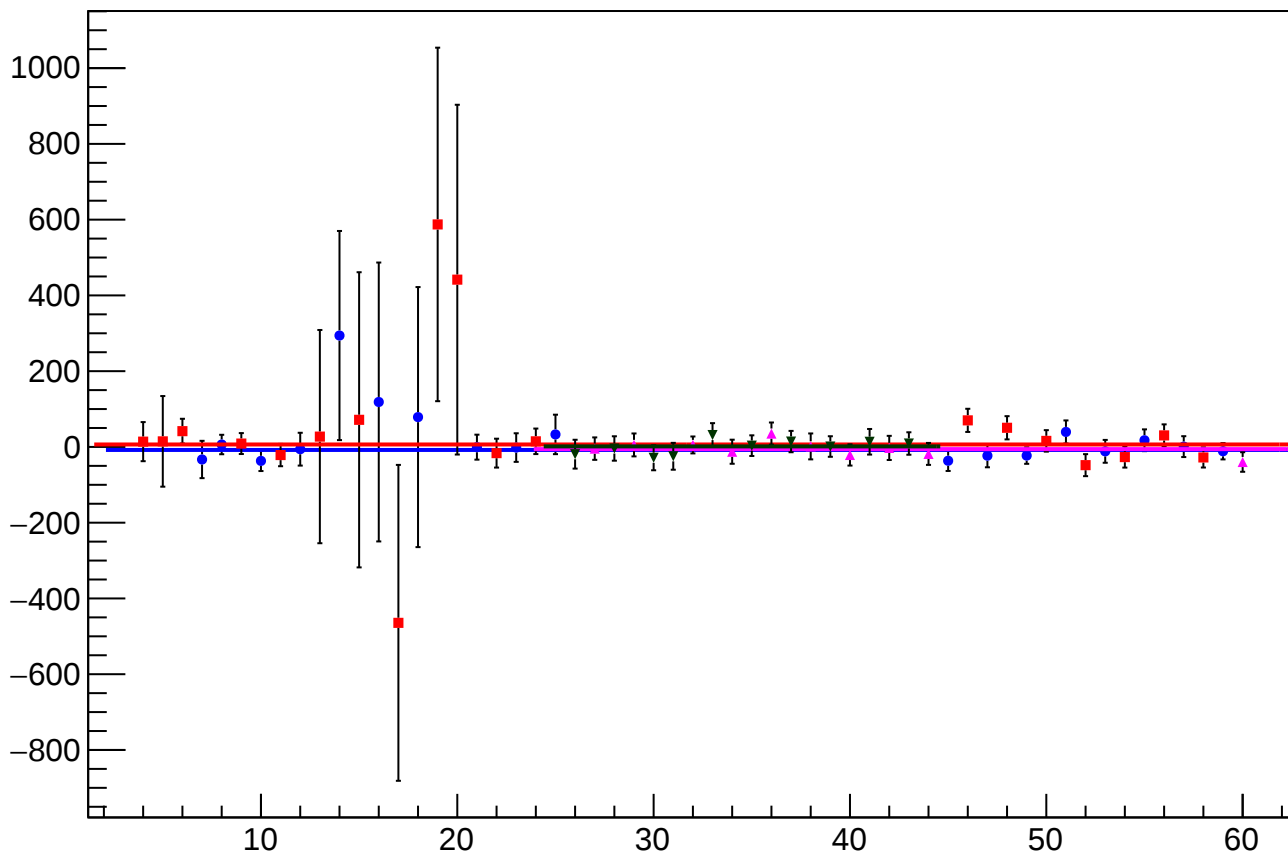
Right Out: 154.395 $\pm$ 0.037 χ^2/NDF : 1875575.3/18

Left In: 117.883 $\pm$ 0.034 χ^2/NDF : 378434.5/9

147.176 $\pm$ 0.027 χ^2/NDF : 2247505.1/27

134.911 $\pm$ 0.025 χ^2/NDF : 2778555.2/28

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: 1.423+/-9.824 χ^2/NDF : 3.0/9

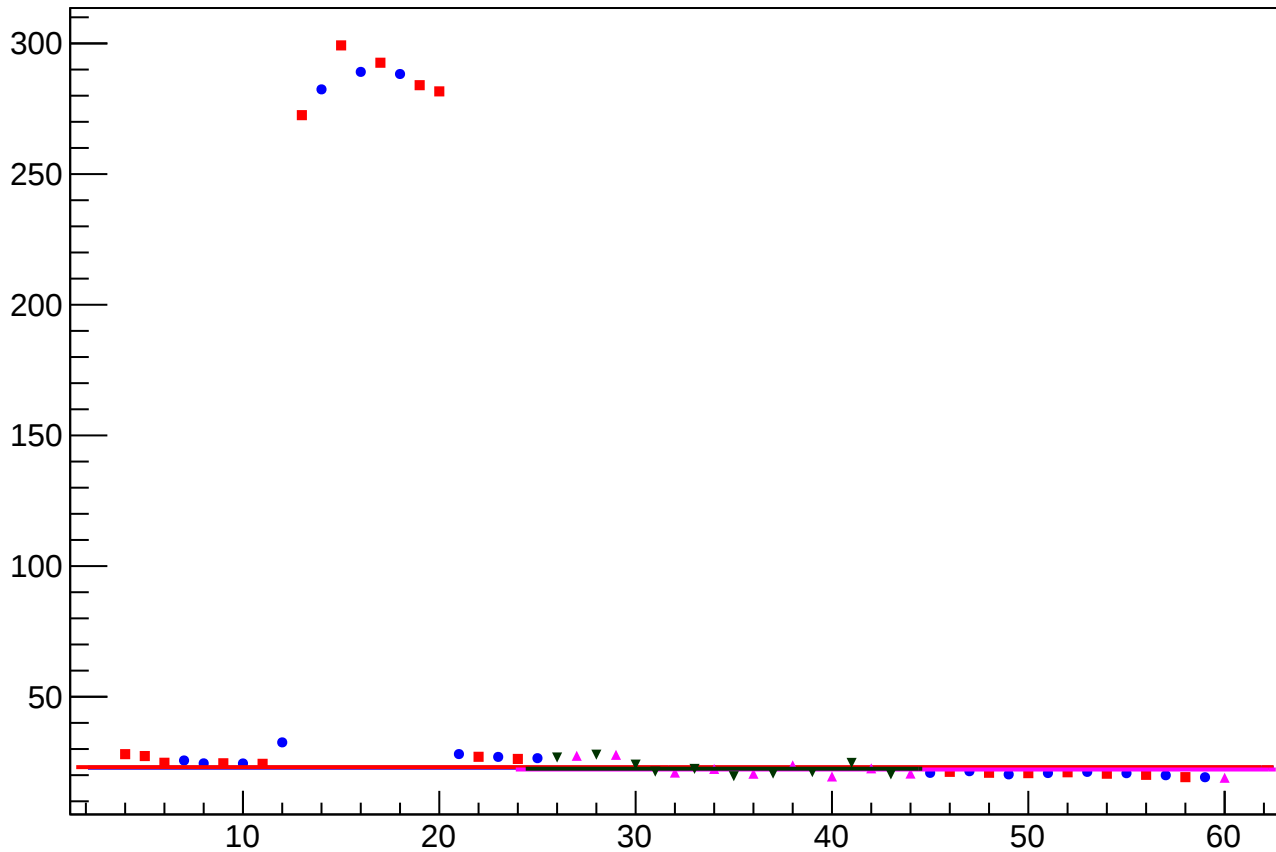
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: -5.793+/-9.052 χ^2/NDF : 4.7/9

-4.458+/-6.013 χ^2/NDF : 12.6/27

0.735+/-6.188 χ^2/NDF : 25.7/28

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: 22.469+/-0.007 χ^2/NDF : 142902.0/9

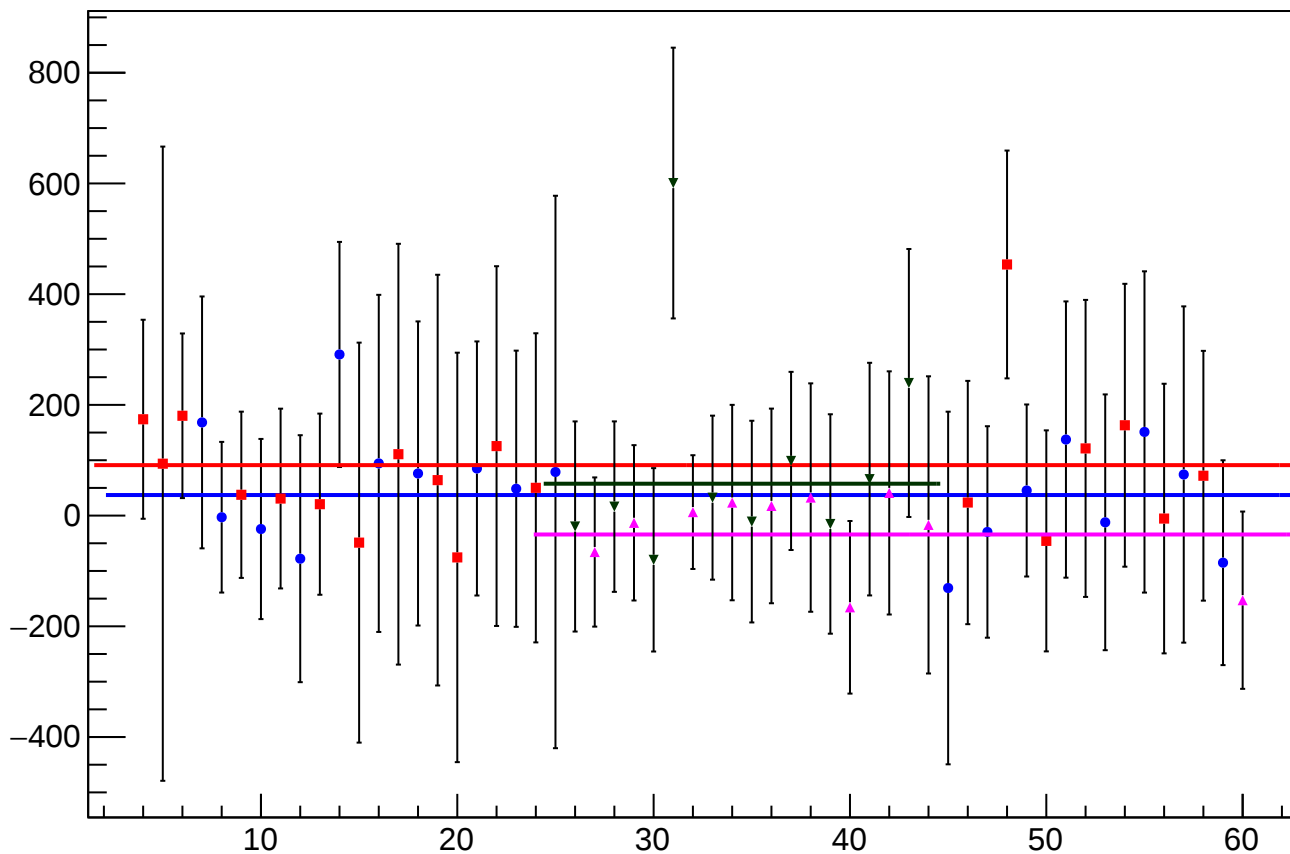
Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

Left In: 22.158+/-0.006 χ^2/NDF : 202109.1/9

22.710+/-0.004 χ^2/NDF : 4508333.2/27

22.643+/-0.004 χ^2/NDF : 5069607.7/28

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: 57.595+/-57.484 χ^2/NDF : 6.8/9

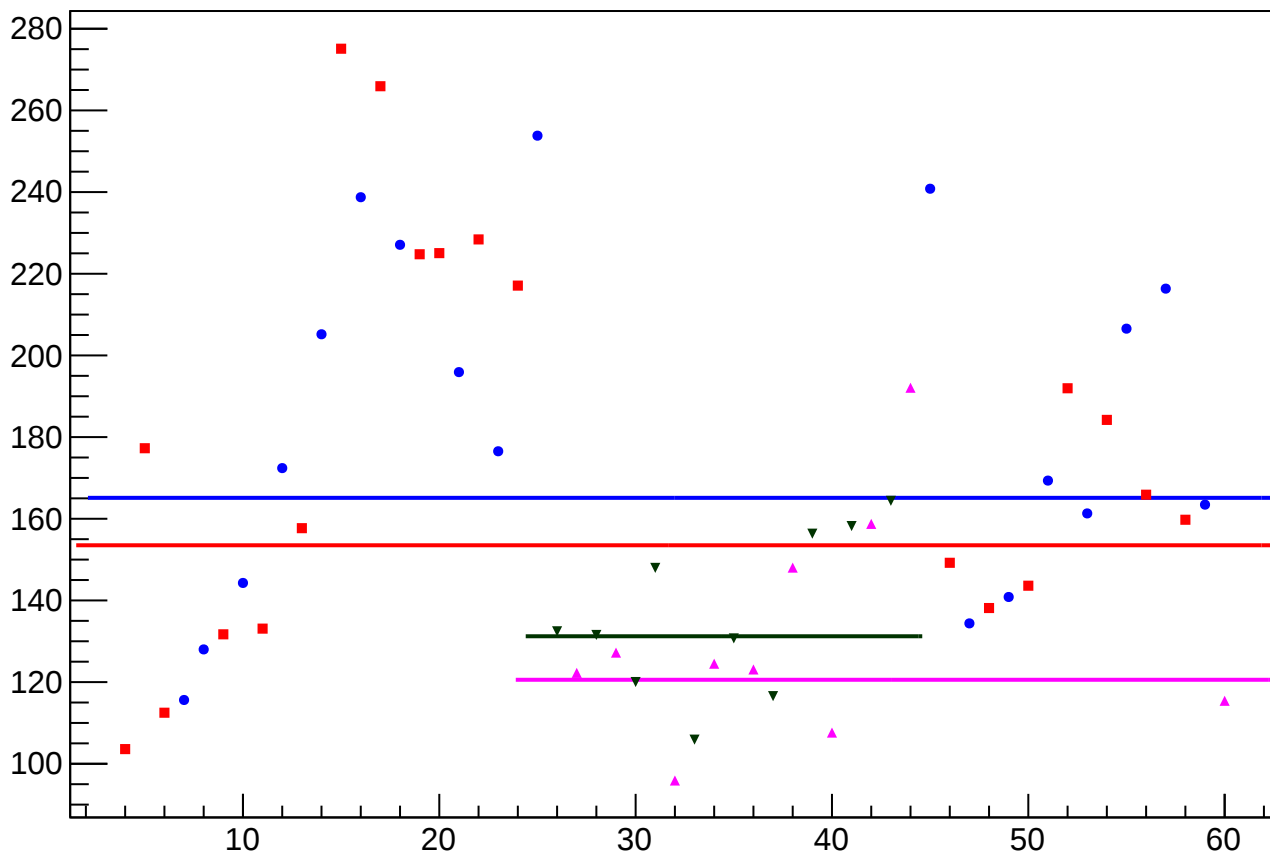
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -34.124+/-49.796 χ^2/NDF : 1.9/9

46.164+/-38.166 χ^2/NDF : 10.6/27

27.101+/-35.606 χ^2/NDF : 10.3/28

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.125 $\pm$ 0.036 χ^2 /NDF: 990659.0/17

Left Out: 131.227 $\pm$ 0.041 χ^2 /NDF: 196358.6/9

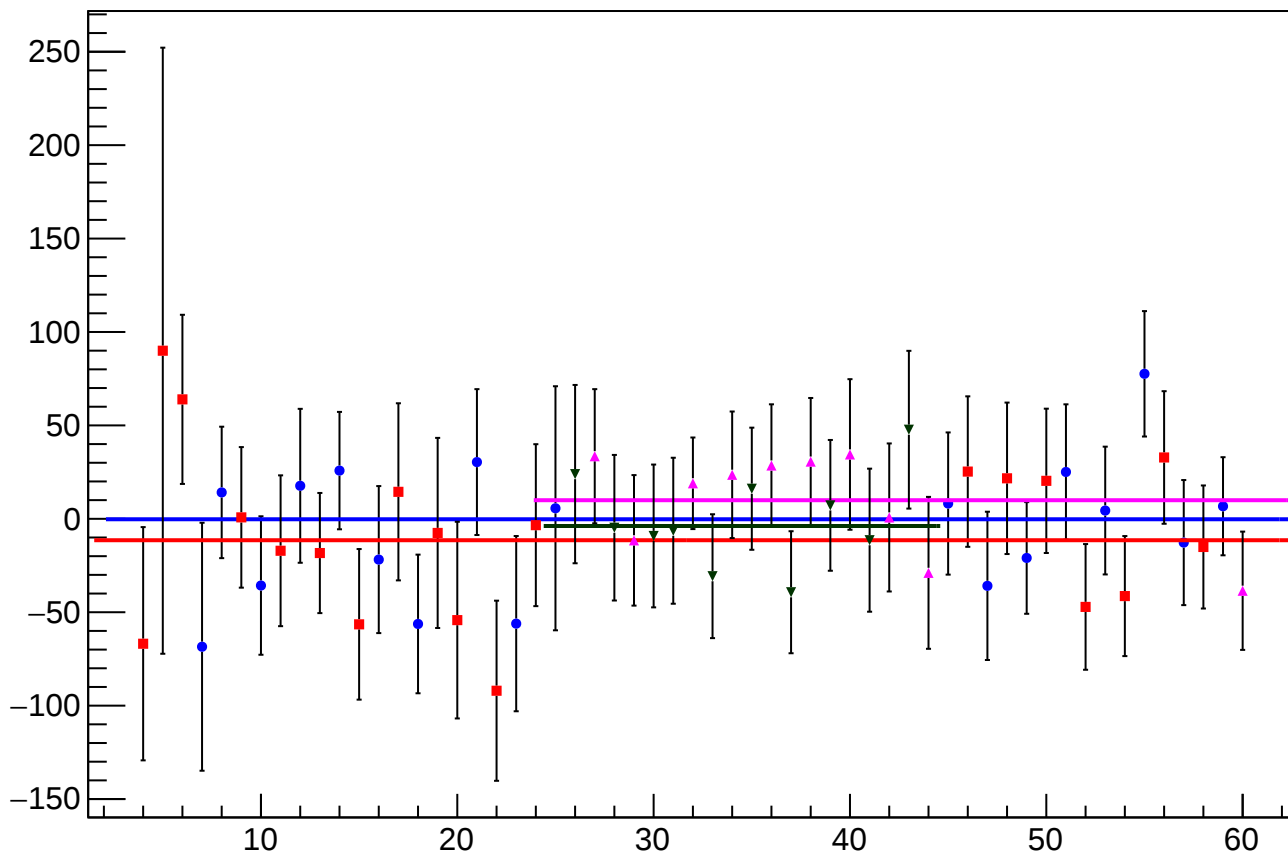
150.182 $\pm$ 0.027 χ^2 /NDF: 1575929.4/27

Right Out: 153.509 $\pm$ 0.036 χ^2 /NDF: 1238601.8/18

136.668 $\pm$ 0.025 χ^2 /NDF: 2041427.2/28

Left In: 120.571 $\pm$ 0.035 χ^2 /NDF: 375176.2/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: -3.842 ± 11.719 χ^2/NDF : 4.2/9

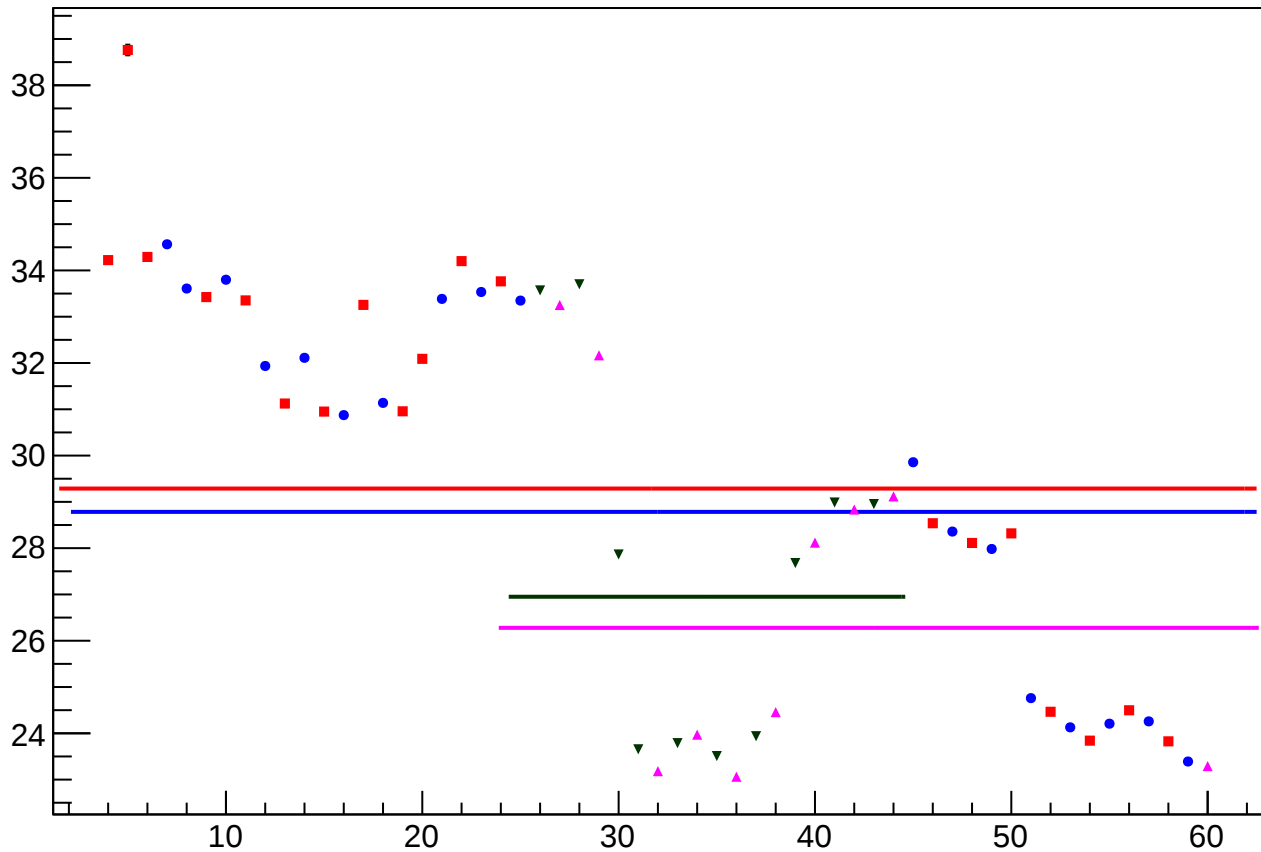
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

Left In: 9.956 ± 10.671 χ^2/NDF : 5.5/9

-1.509 ± 6.958 χ^2/NDF : 19.3/27

-2.098 ± 7.056 χ^2/NDF : 22.6/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 26.950 $\pm$ 0.008 χ^2 /NDF: 182300.2/9

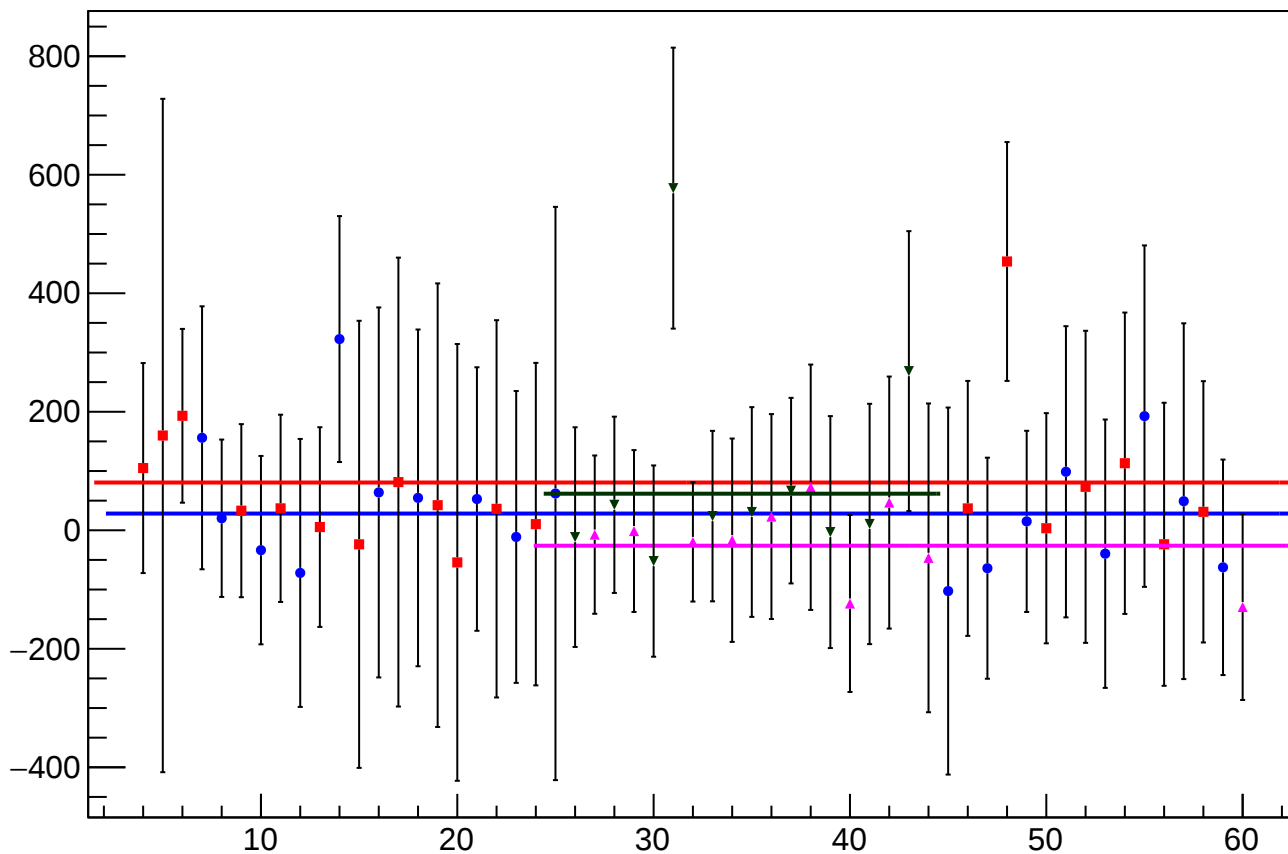
Right Out: 29.288 $\pm$ 0.007 χ^2 /NDF: 355757.4/18

Left In: 26.279 $\pm$ 0.008 χ^2 /NDF: 238527.4/9

28.138 $\pm$ 0.005 χ^2 /NDF: 632500.9/27

27.972 $\pm$ 0.005 χ^2 /NDF: 683777.4/28

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: 61.733+/-55.913 χ^2/NDF : 6.4/9

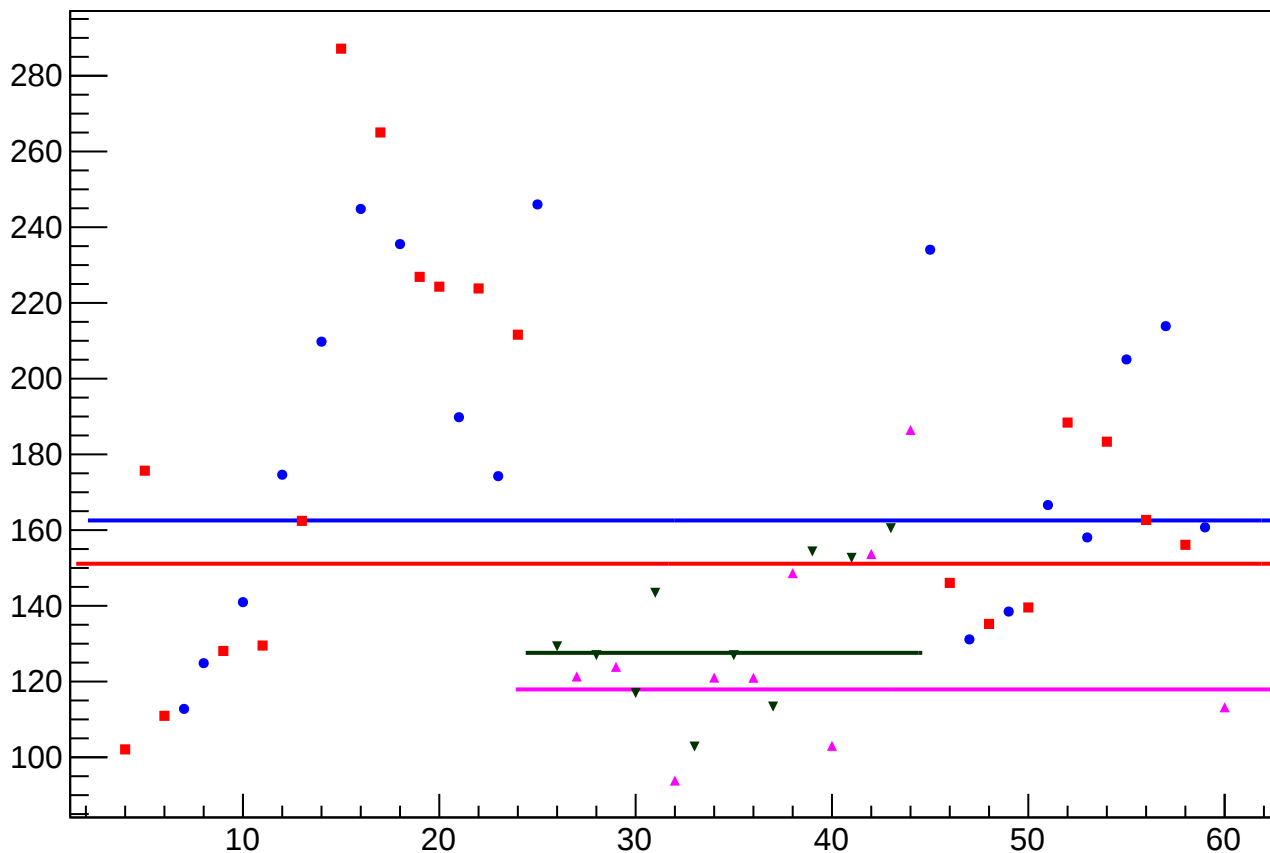
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -26.045+/-48.705 χ^2/NDF : 1.4/9

43.231+/-37.417 χ^2/NDF : 10.6/27

25.628+/-34.970 χ^2/NDF : 8.9/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 162.548+/-0.036 χ^2/NDF : 1089314.8/17

Left Out: 127.584+/-0.040 χ^2/NDF : 200343.9/9

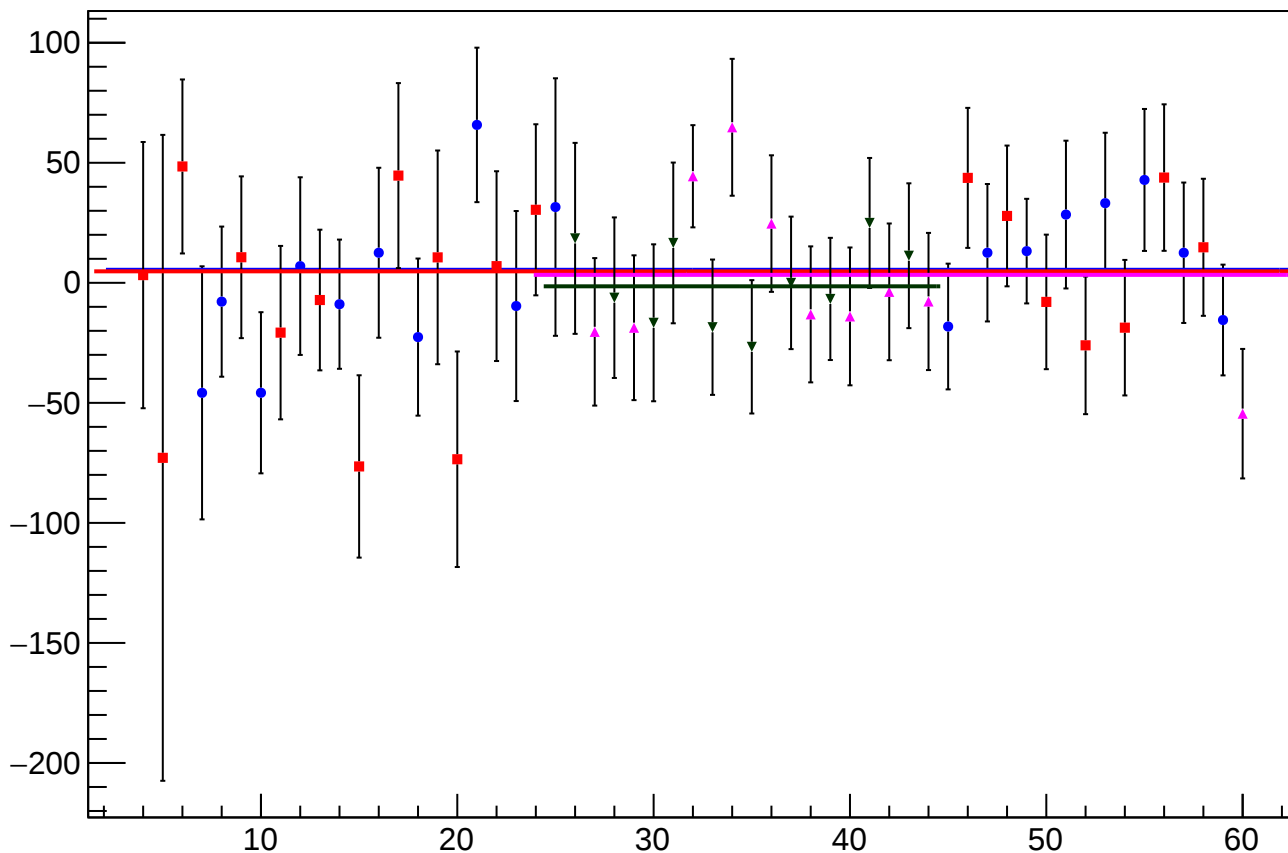
146.891+/-0.026 χ^2/NDF : 1721502.4/27

Right Out: 151.117+/-0.036 χ^2/NDF : 1306443.7/18

134.006+/-0.025 χ^2/NDF : 2138015.0/28

Left In: 117.925+/-0.034 χ^2/NDF : 381570.1/9

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: -1.457 ± 9.435 $\chi^2/\text{NDF}: 3.1/9$

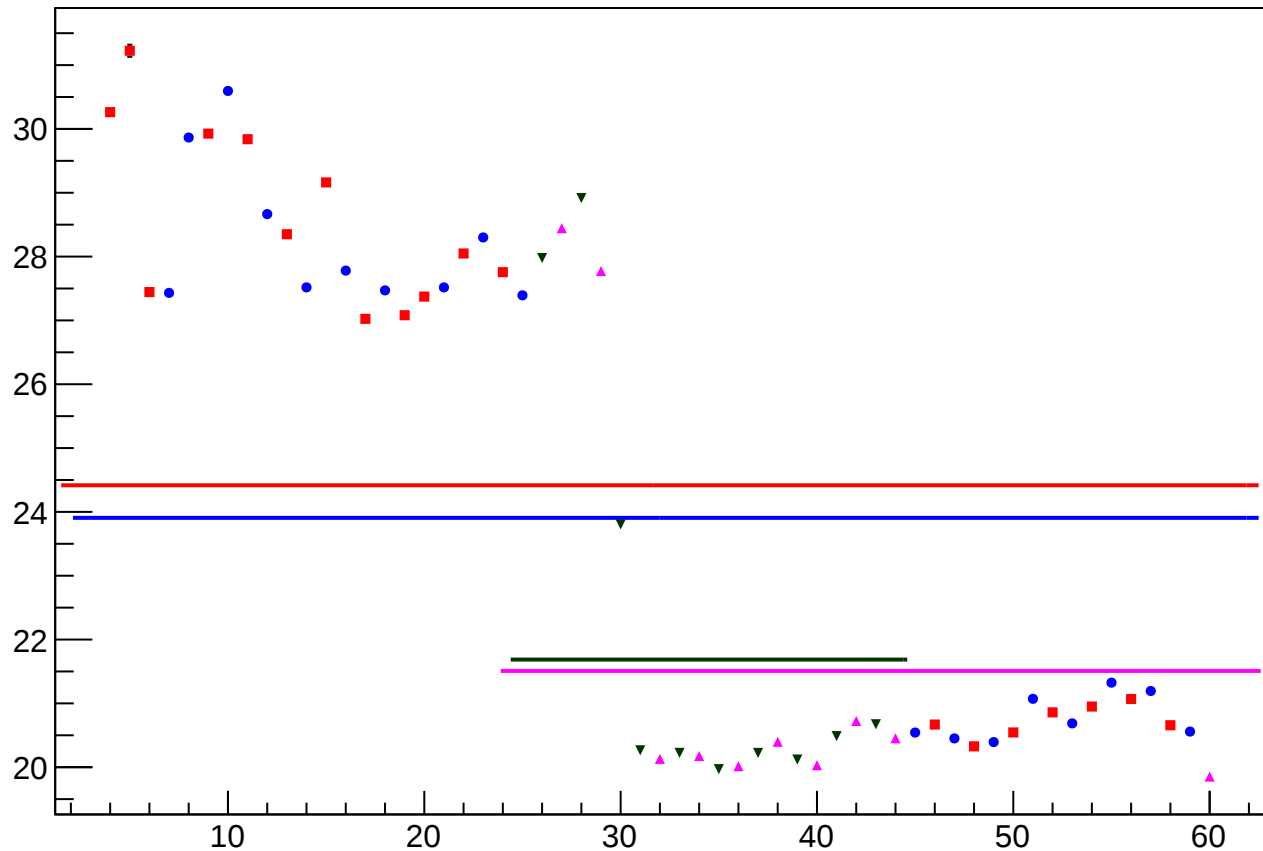
Right Out: 4.784 ± 7.872 $\chi^2/\text{NDF}: 17.9/18$

Left In: 3.315 ± 8.728 $\chi^2/\text{NDF}: 15.6/9$

2.892 ± 5.726 $\chi^2/\text{NDF}: 16.8/27$

4.125 ± 5.846 $\chi^2/\text{NDF}: 33.5/28$

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 21.686 $\pm$ 0.007 χ^2/NDF : 187956.4/9

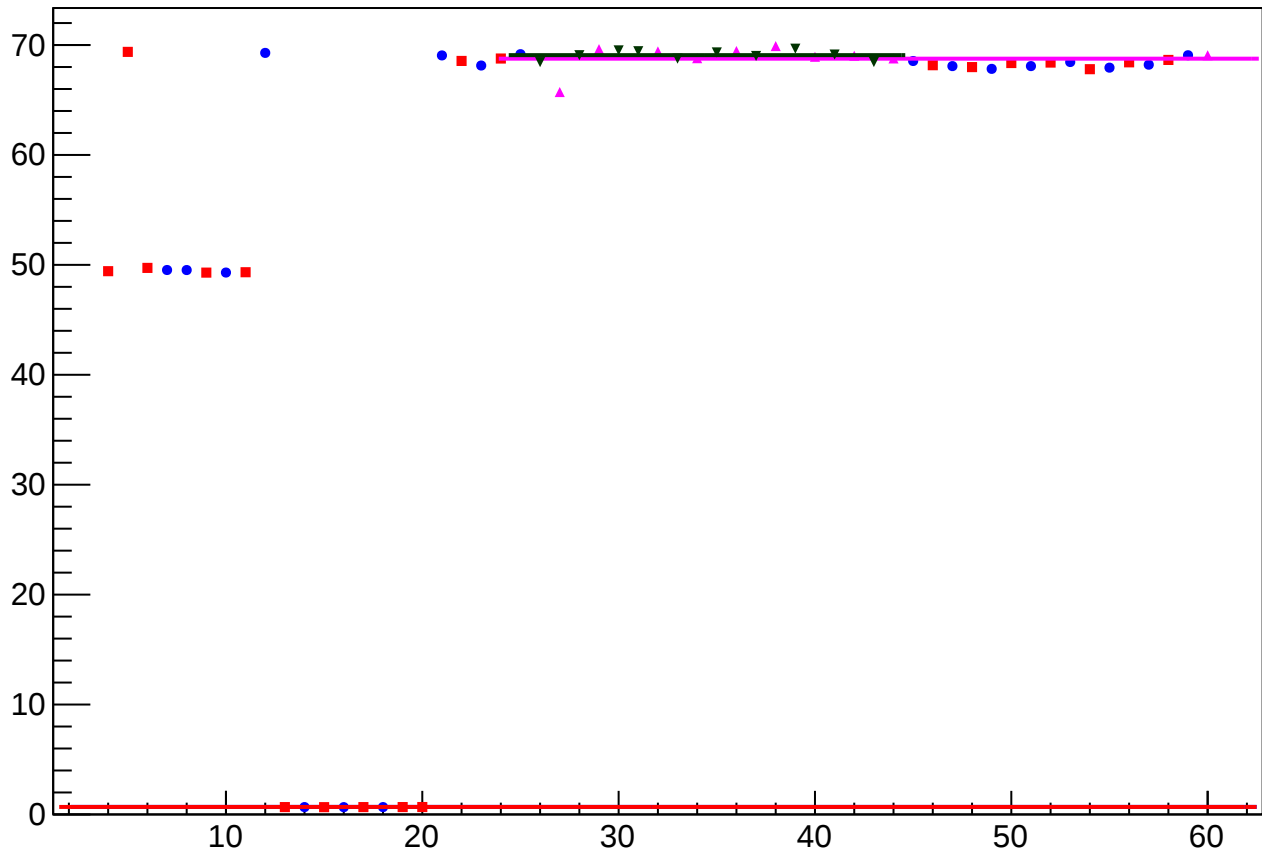
Right Out: 24.417 $\pm$ 0.006 χ^2/NDF : 496476.9/18

Left In: 21.508 $\pm$ 0.006 χ^2/NDF : 226700.7/9

23.089 $\pm$ 0.004 χ^2/NDF : 823832.0/27

23.112 $\pm$ 0.004 χ^2/NDF : 845655.2/28

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.081 $\pm$ 0.000 χ^2 /NDF: 24626539.5/9

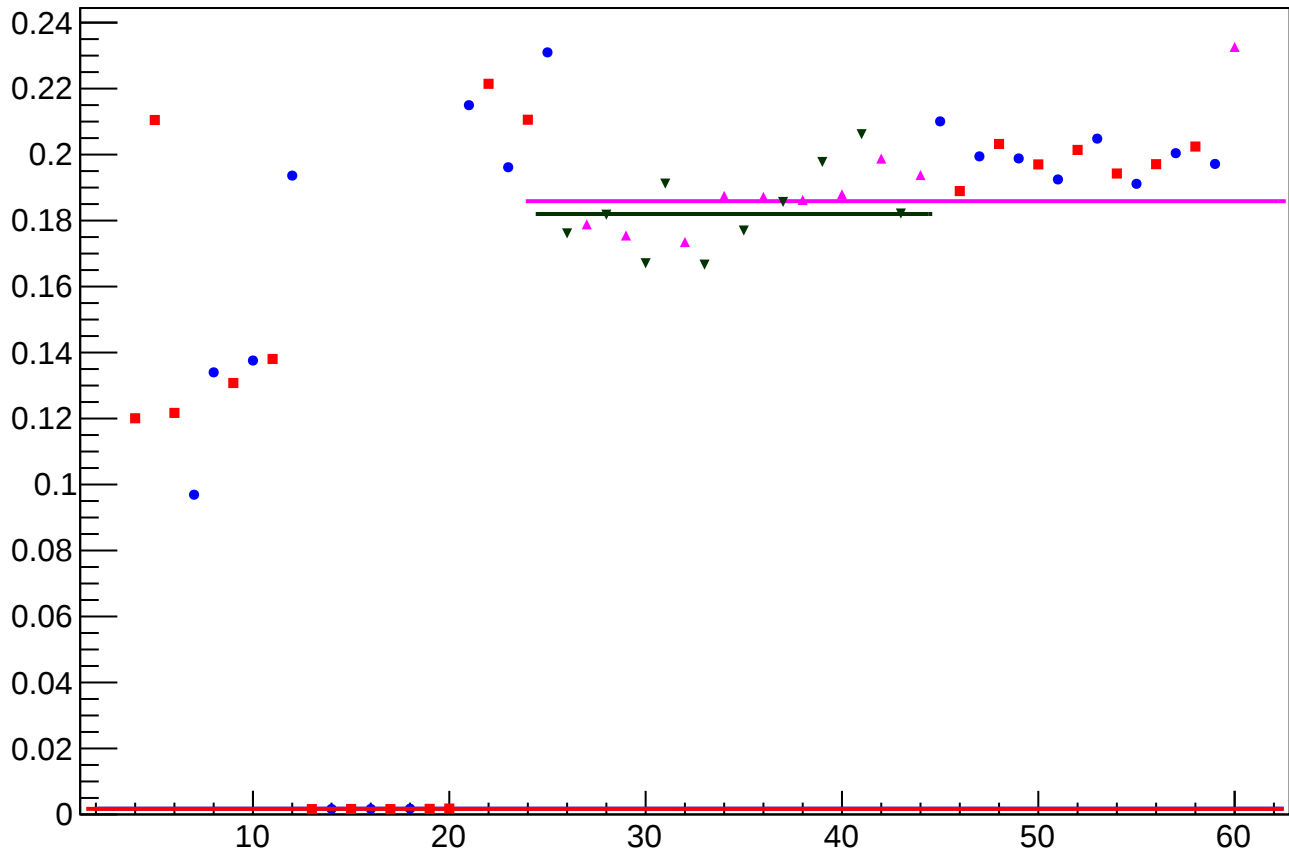
0.701 $\pm$ 0.000 χ^2 /NDF: 1765771739604.0/27

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

0.695 $\pm$ 0.000 χ^2 /NDF: 1642126043708.0/28

Left In: 68.759 $\pm$ 0.000 χ^2 /NDF: 295572827.1/9

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.182+/-0.000 χ^2/NDF : 43515.3/9

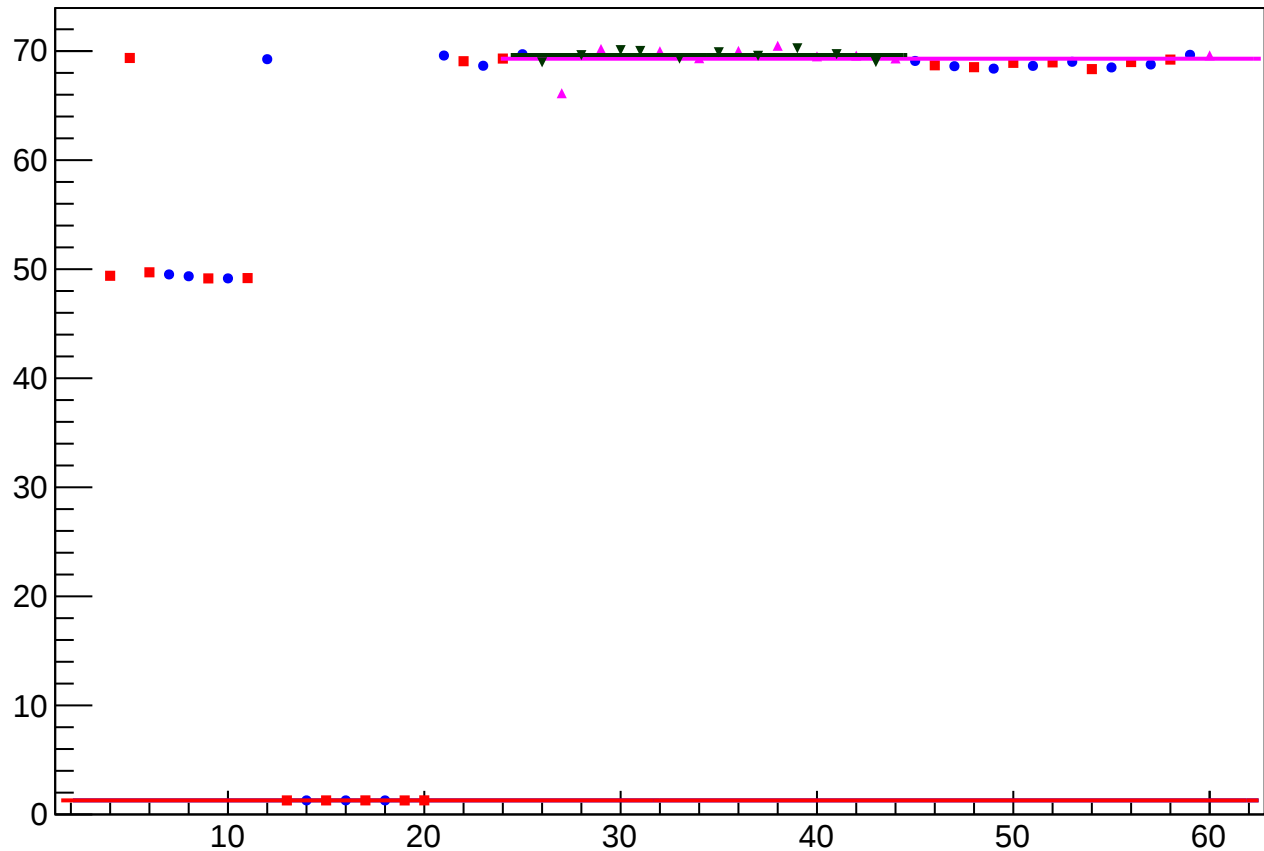
0.002+/-0.000 χ^2/NDF : 27064841.9/27

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

0.002+/-0.000 χ^2/NDF : 25229464.1/28

Left In: 0.186+/-0.000 χ^2/NDF : 66297.0/9

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.640+/-0.000 χ^2/NDF : 25576787.7/9

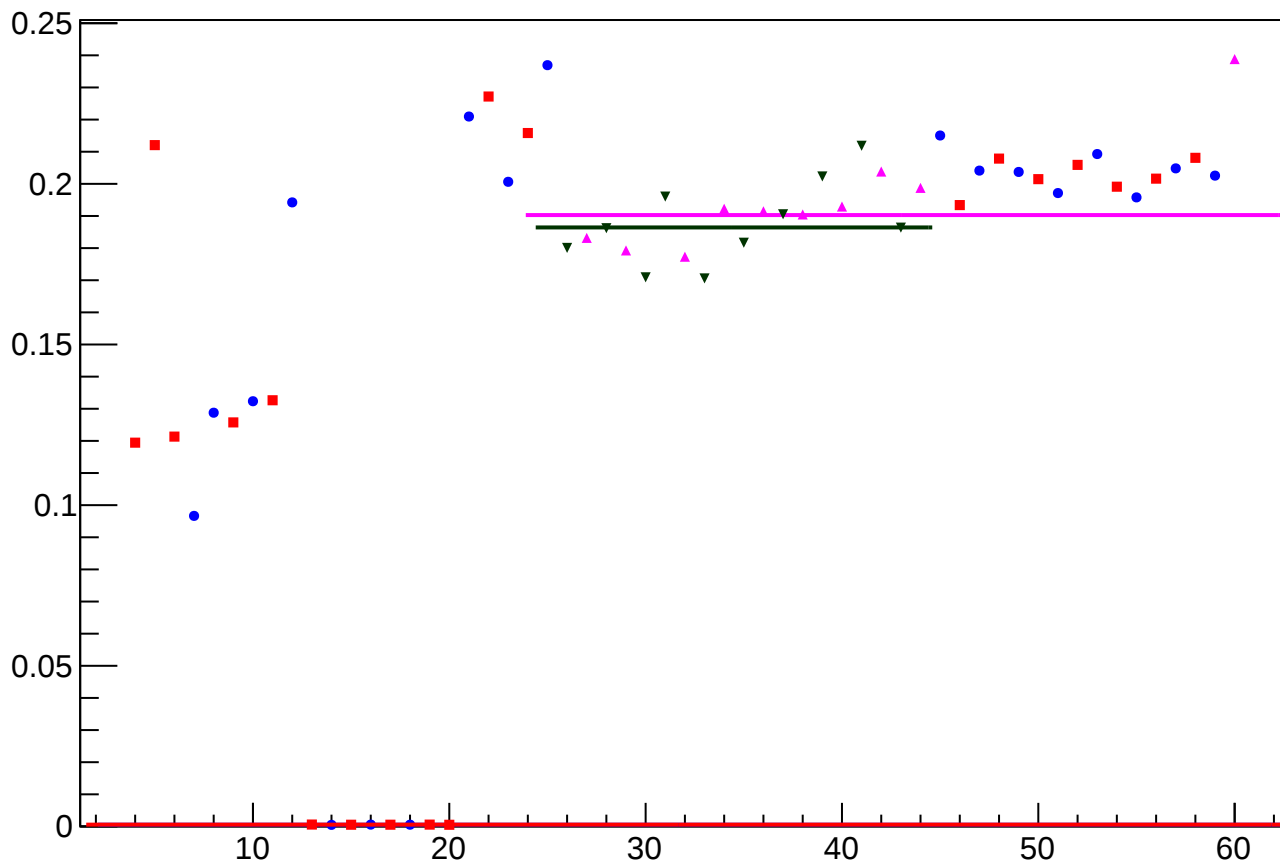
Right Out: 1.290+/-0.000 χ^2/NDF : 826763948171.6/18

Left In: 69.301+/-0.000 χ^2/NDF : 305519168.8/9

1.292+/-0.000 χ^2/NDF : 1703595952244.1/27

1.291+/-0.000 χ^2/NDF : 1585030740183.4/28

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.186+/-0.000 χ^2/NDF : 44561.5/9

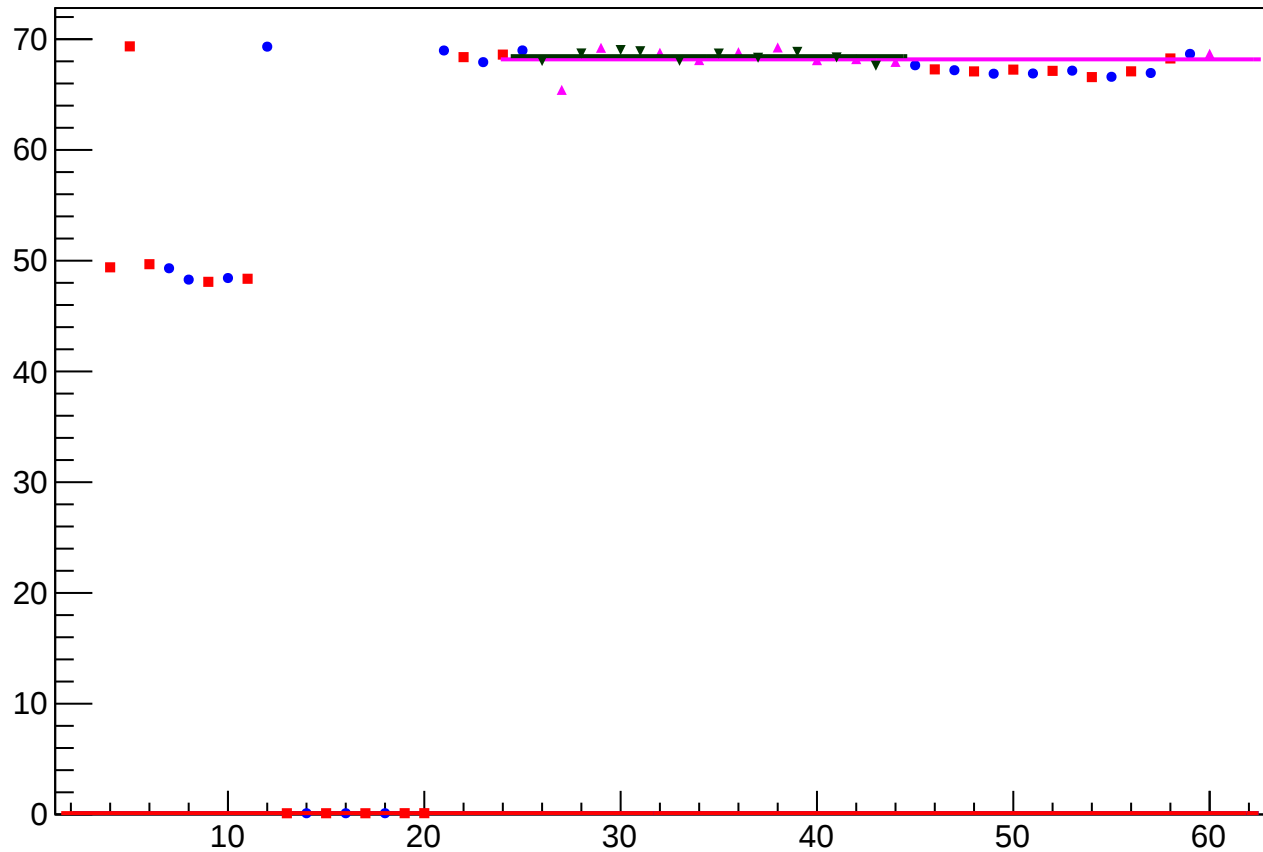
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

Left In: 0.190+/-0.000 χ^2/NDF : 68493.7/9

0.001+/-0.000 χ^2/NDF : 27447801.9/27

0.001+/-0.000 χ^2/NDF : 25560675.4/28

yield_bcm_an_us_mean vs slug



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

Left Out: 68.467+/-0.000 χ^2/NDF : 29247560.9/9

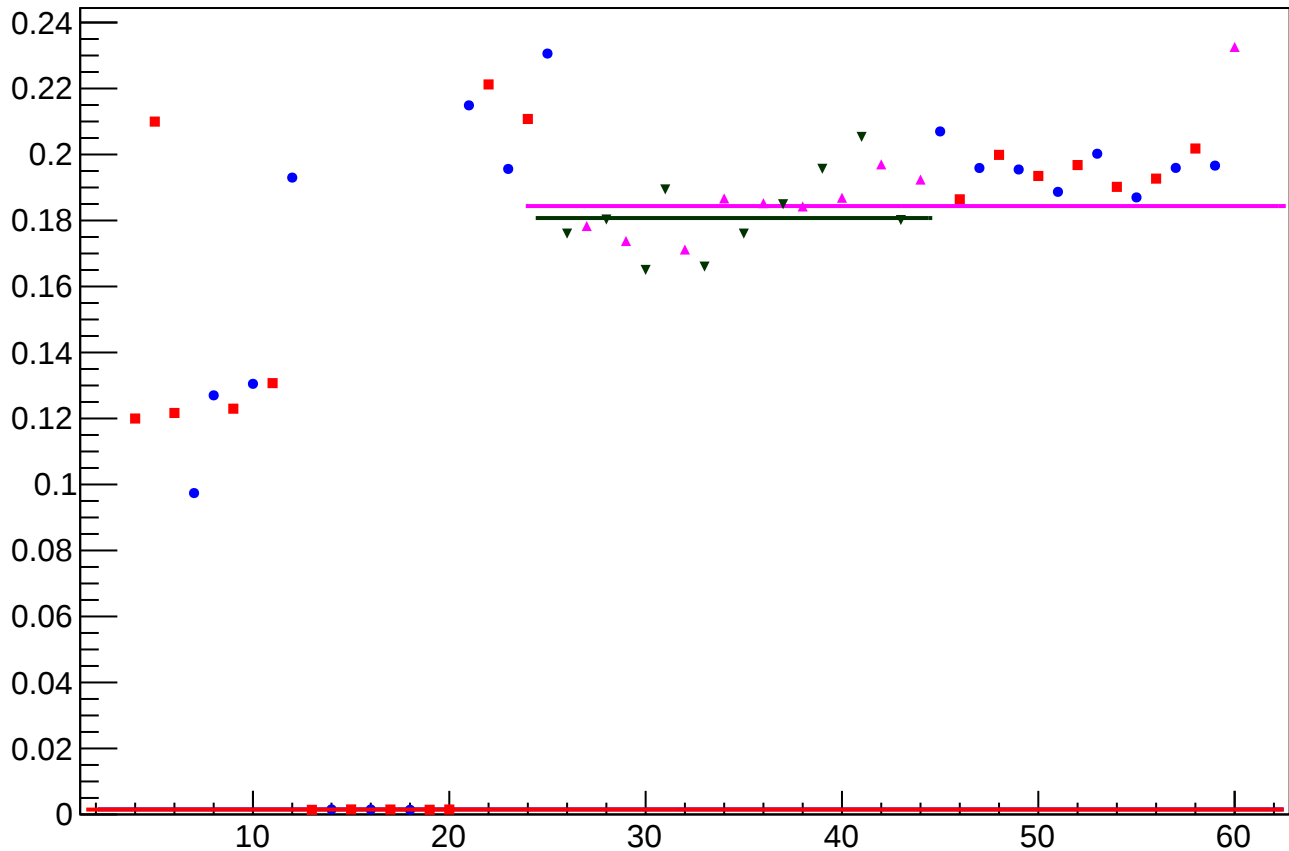
Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

Left In: 68.178+/-0.000 χ^2/NDF : 260811427.4/9

0.137+/-0.000 χ^2/NDF : 1806757880279.4/27

0.131+/-0.000 χ^2/NDF : 1684710385685.5/28

yield_bcm_an_us_rms vs slug



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

Left Out: 0.181 $\pm$ 0.000 χ^2 /NDF:43552.7/9

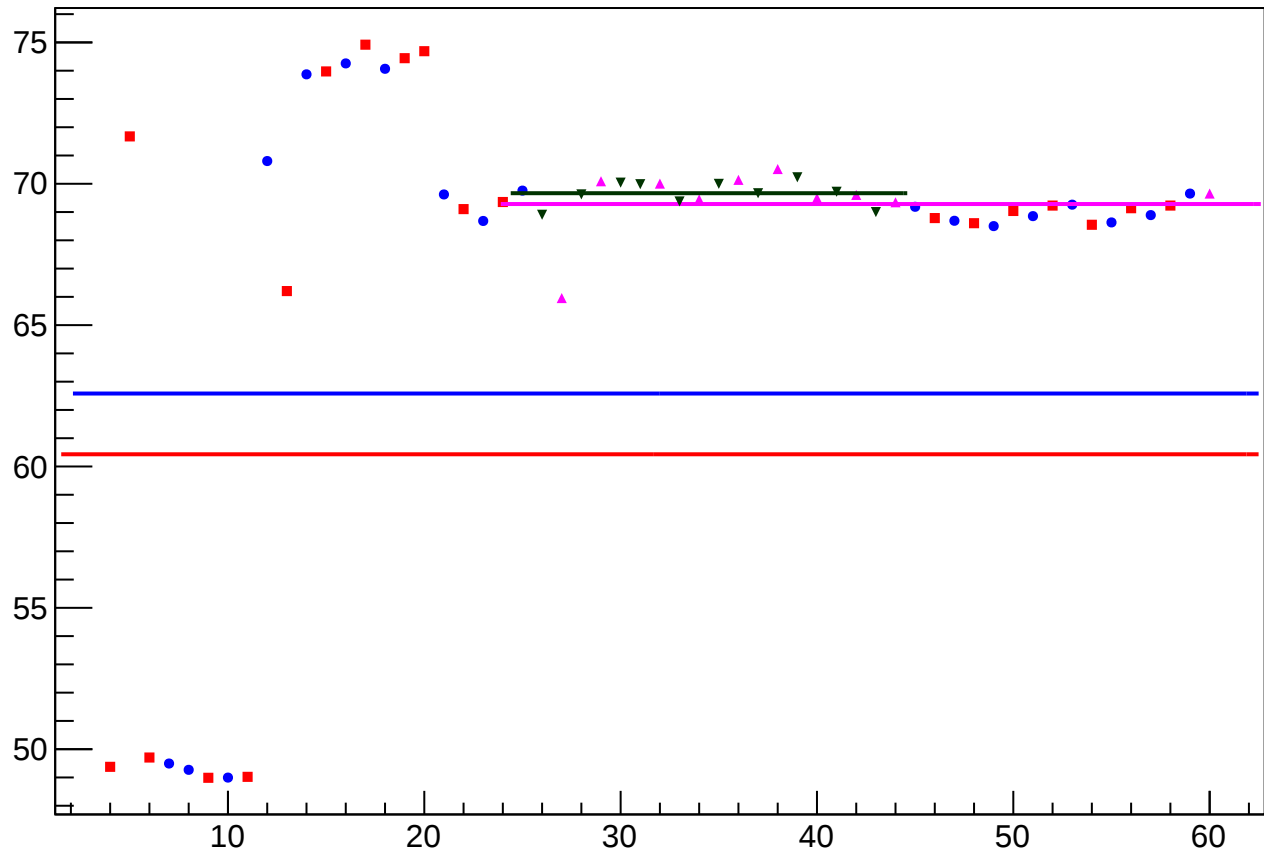
0.002 $\pm$ 0.000 χ^2 /NDF: 27095002.6/27

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

0.002 $\pm$ 0.000 χ^2 /NDF: 25276633.9/28

Left In: 0.184 $\pm$ 0.000 χ^2 /NDF:70204.3/9

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.667 $\pm$ 0.000 χ^2/NDF : 24128815.3/9

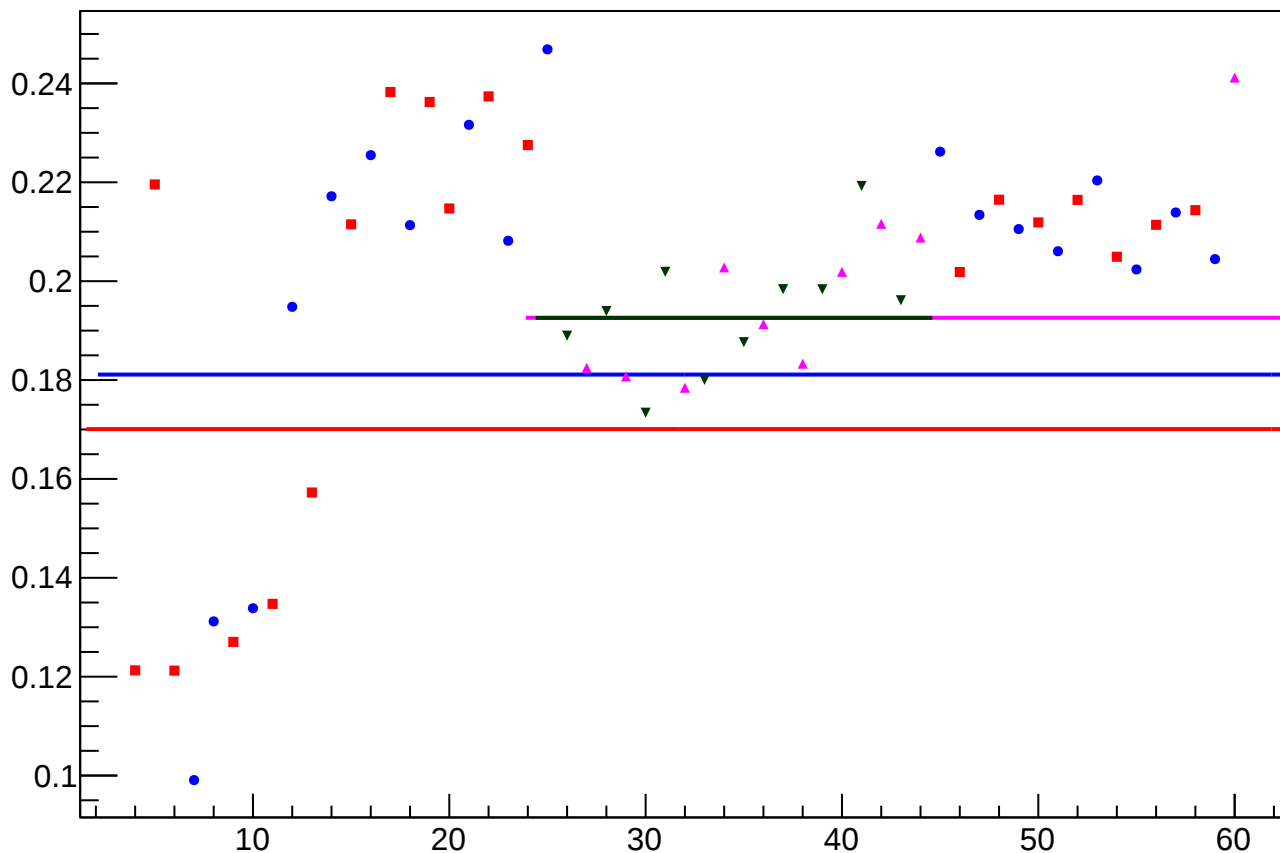
Right Out: 60.432 $\pm$ 0.000 χ^2/NDF : 32977972131.8/18

Left In: 69.283 $\pm$ 0.000 χ^2/NDF : 335435783.8/9

64.759 $\pm$ 0.000 χ^2/NDF : 38549660768.3/27

63.461 $\pm$ 0.000 χ^2/NDF : 41527373719.3/28

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.193+/-0.000 χ^2/NDF : 38713.5/9

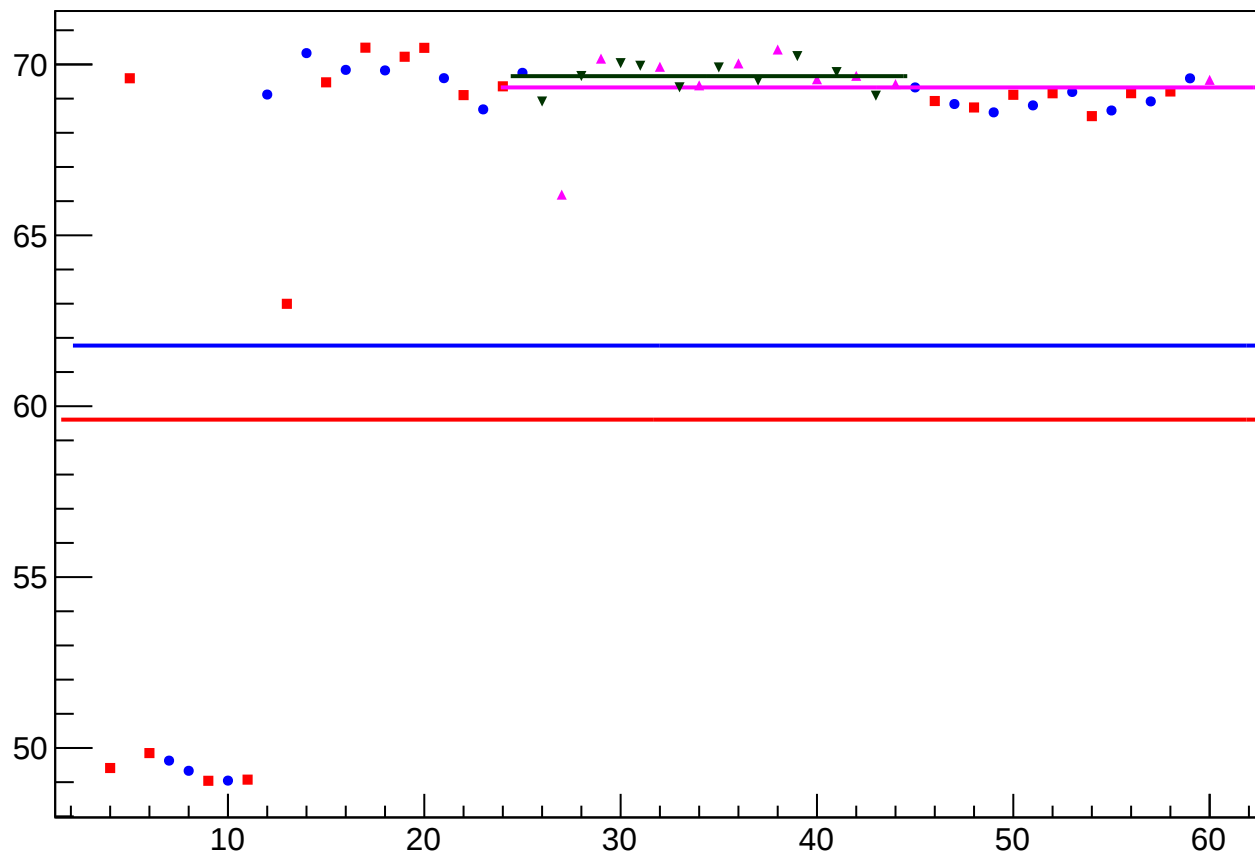
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.193+/-0.000 χ^2/NDF : 87366.3/9

0.185+/-0.000 χ^2/NDF : 1280289.4/27

0.178+/-0.000 χ^2/NDF : 1377265.6/28

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.657 $\pm$ 0.000 χ^2 /NDF: 23922100.2/9

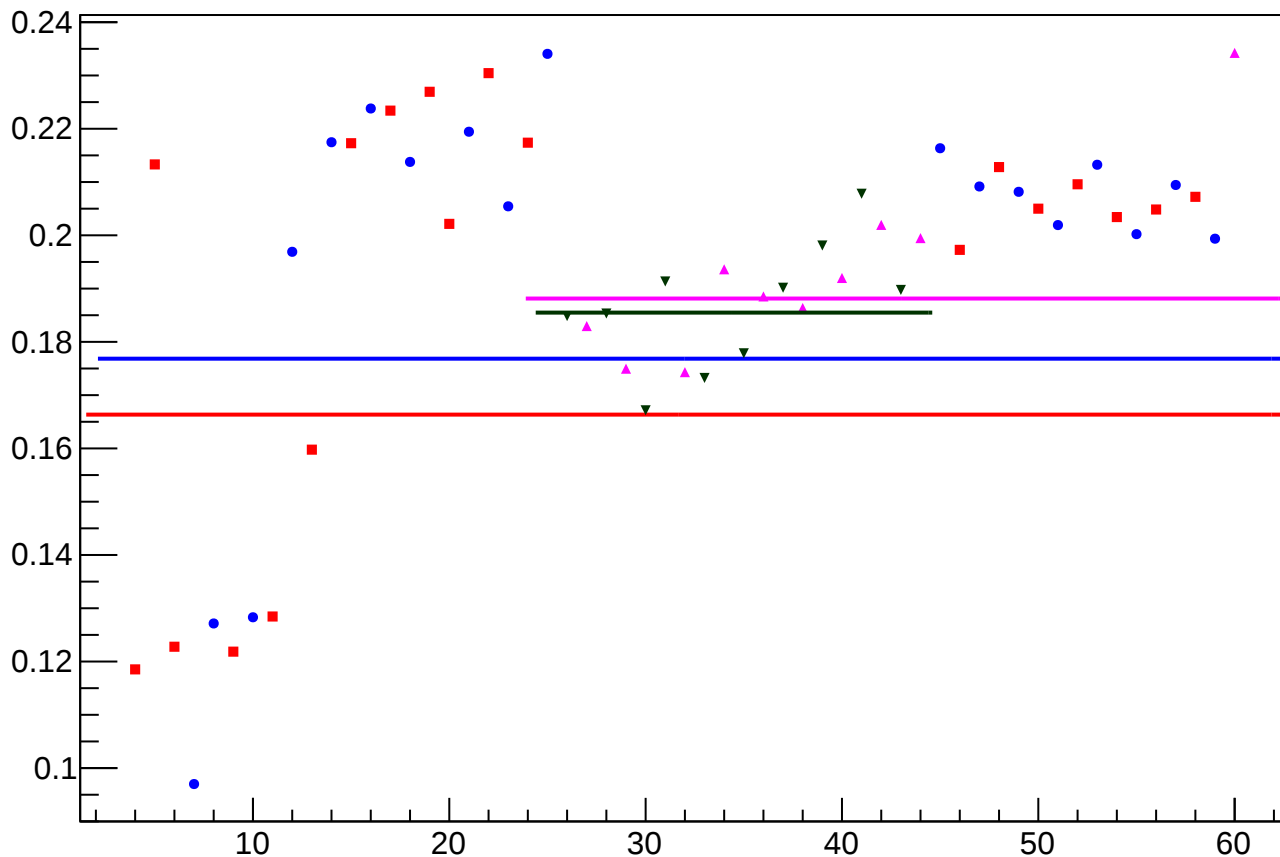
Right Out: 59.608 $\pm$ 0.000 χ^2 /NDF: 29547406430.8/18

Left In: 69.327 $\pm$ 0.000 χ^2 /NDF: 295607896.7/9

64.248 $\pm$ 0.000 χ^2 /NDF: 37398910791.6/27

62.944 $\pm$ 0.000 χ^2 /NDF: 40236870449.0/28

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.185+/-0.000 χ^2/NDF : 38669.2/9

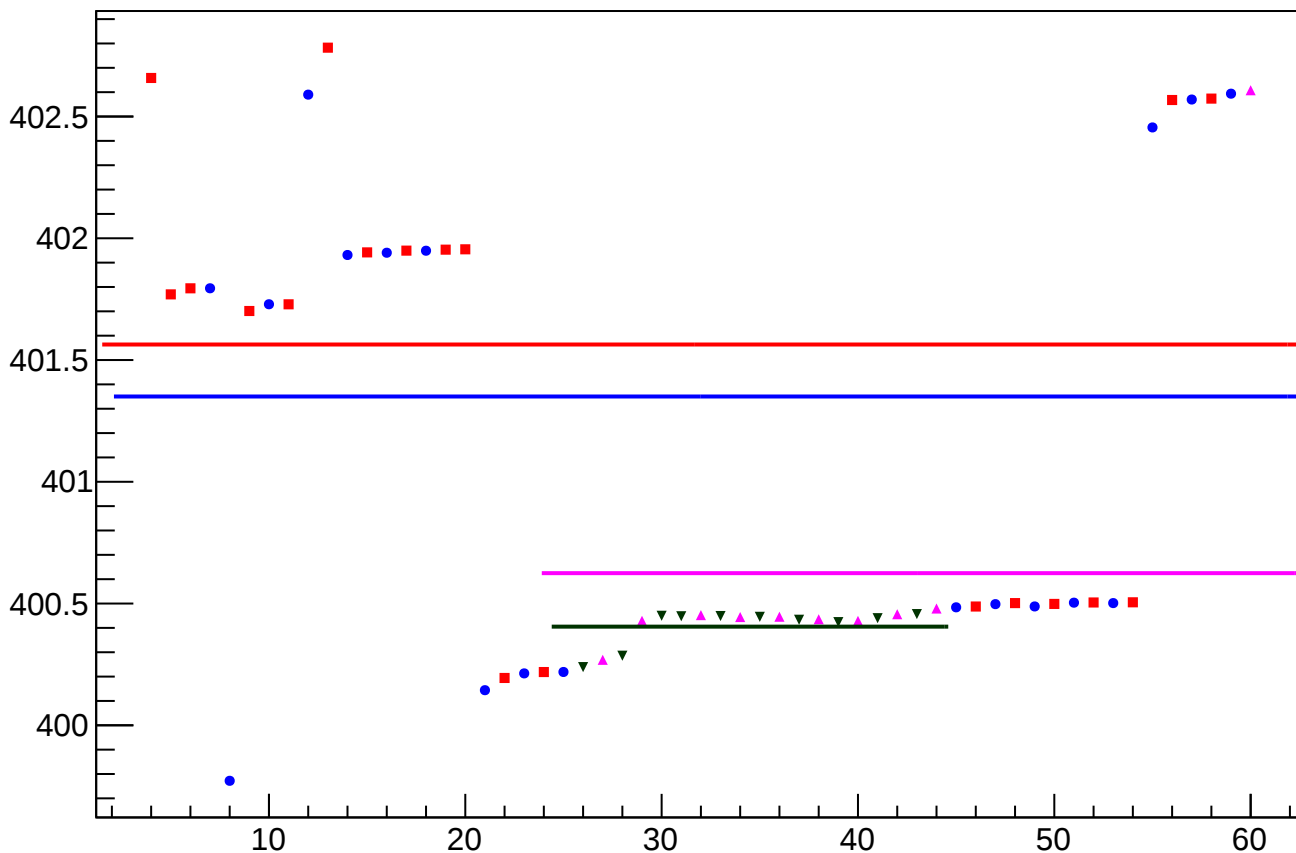
Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

Left In: 0.188+/-0.000 χ^2/NDF : 71892.8/9

0.180+/-0.000 χ^2/NDF : 1330752.8/27

0.174+/-0.000 χ^2/NDF : 1332800.9/28

yield_cav4bQ_mean vs slug



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

Left Out: 400.405+/-0.000 χ^2/NDF : 614198257.0/9

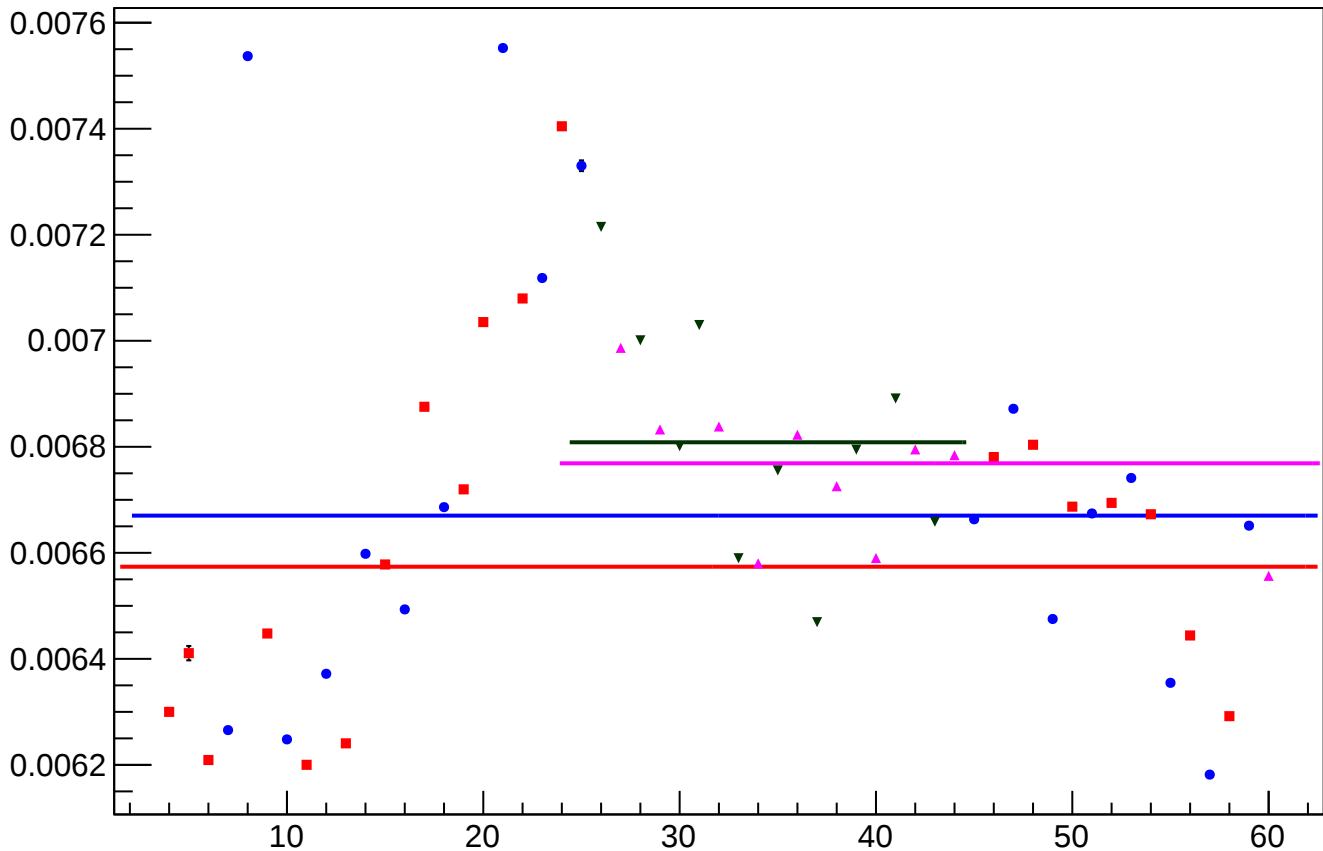
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 400.625+/-0.000 χ^2/NDF : 55193784312.7/9

401.052+/-0.000 χ^2/NDF : 306665492491.8/27

401.217+/-0.000 χ^2/NDF : 314236533237.5/28

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 : 9783.1/9

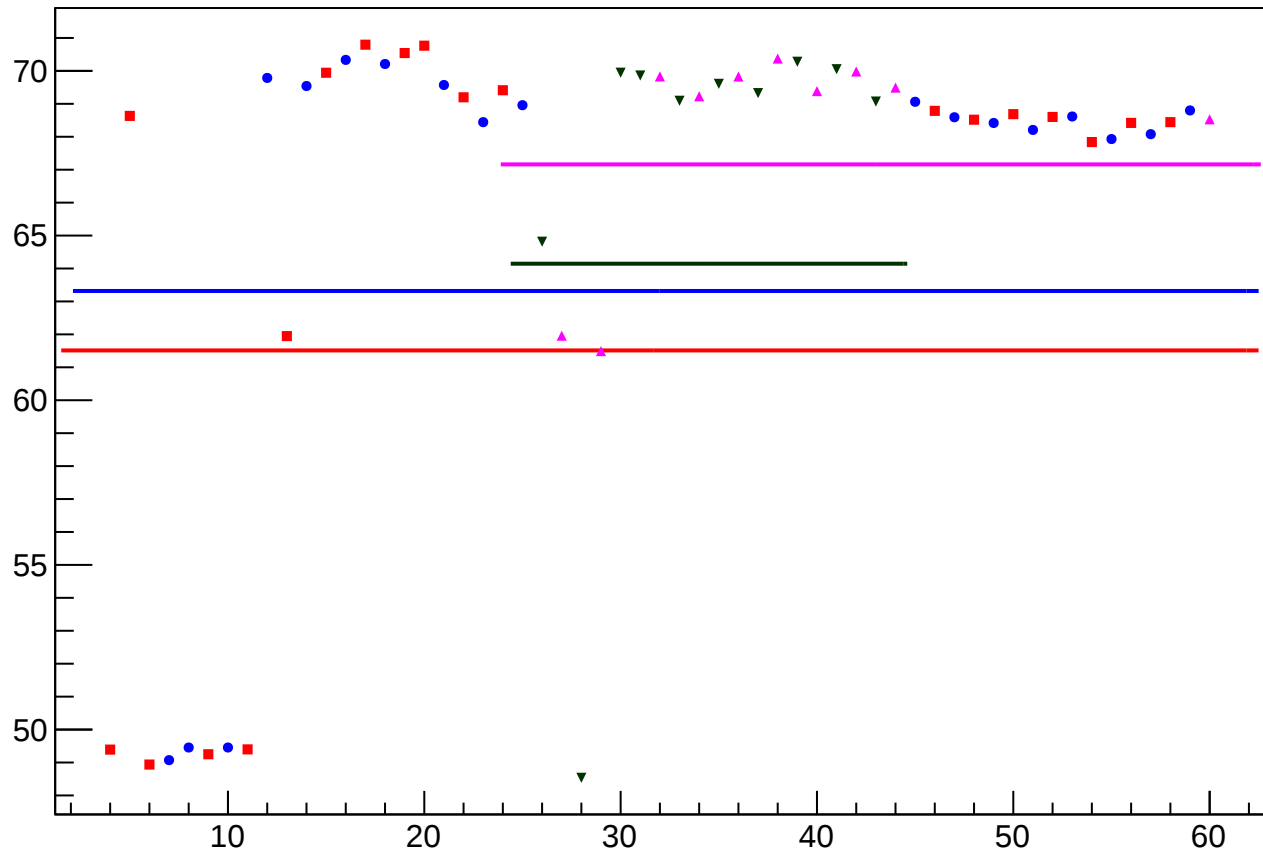
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF : 4797.7/9

0.007+/-0.000 χ^2/NDF : 89505.9/27

0.007+/-0.000 χ^2/NDF : 58959.2/28

yield_cav4cQ_mean vs slug



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

Left Out: 64.145+/-0.000 χ^2/NDF : 8533420736.0/9

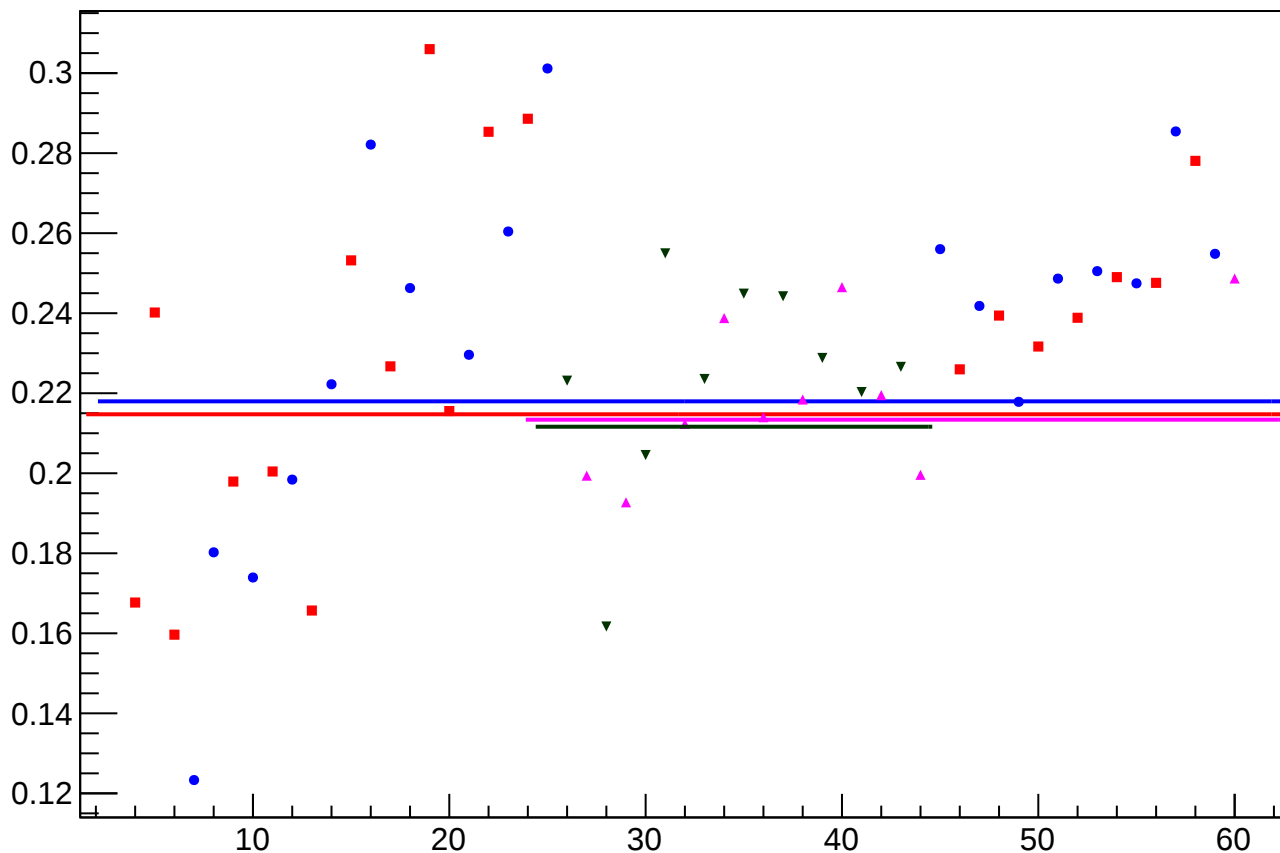
63.595+/-0.000 χ^2/NDF : 25629365421.4/27

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

63.754+/-0.000 χ^2/NDF : 19377845218.6/28

Left In: 67.161+/-0.000 χ^2/NDF : 1669974590.3/9

yield_cav4cQ_rms vs slug



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

Left Out: 0.212 $\pm$ 0.000 χ^2/NDF : 201414.9/9

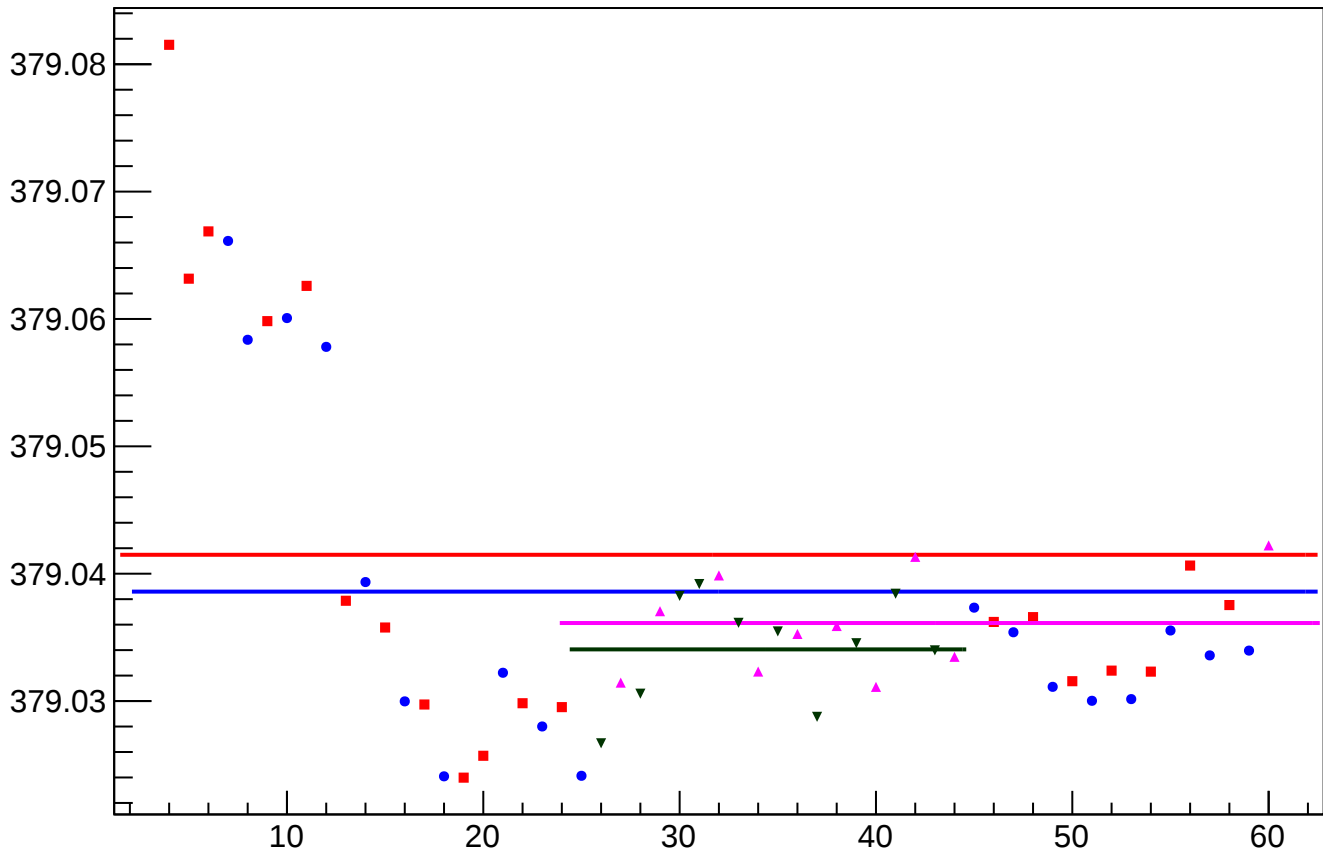
Right Out: 0.215 $\pm$ 0.000 χ^2/NDF : 631176.3/18

Left In: 0.213 $\pm$ 0.000 χ^2/NDF : 77271.0/9

0.216 $\pm$ 0.000 χ^2/NDF : 941747.9/27

0.214 $\pm$ 0.000 χ^2/NDF : 708714.8/28

yield_cav4dQ_mean vs slug



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

Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF:1785889.4/9

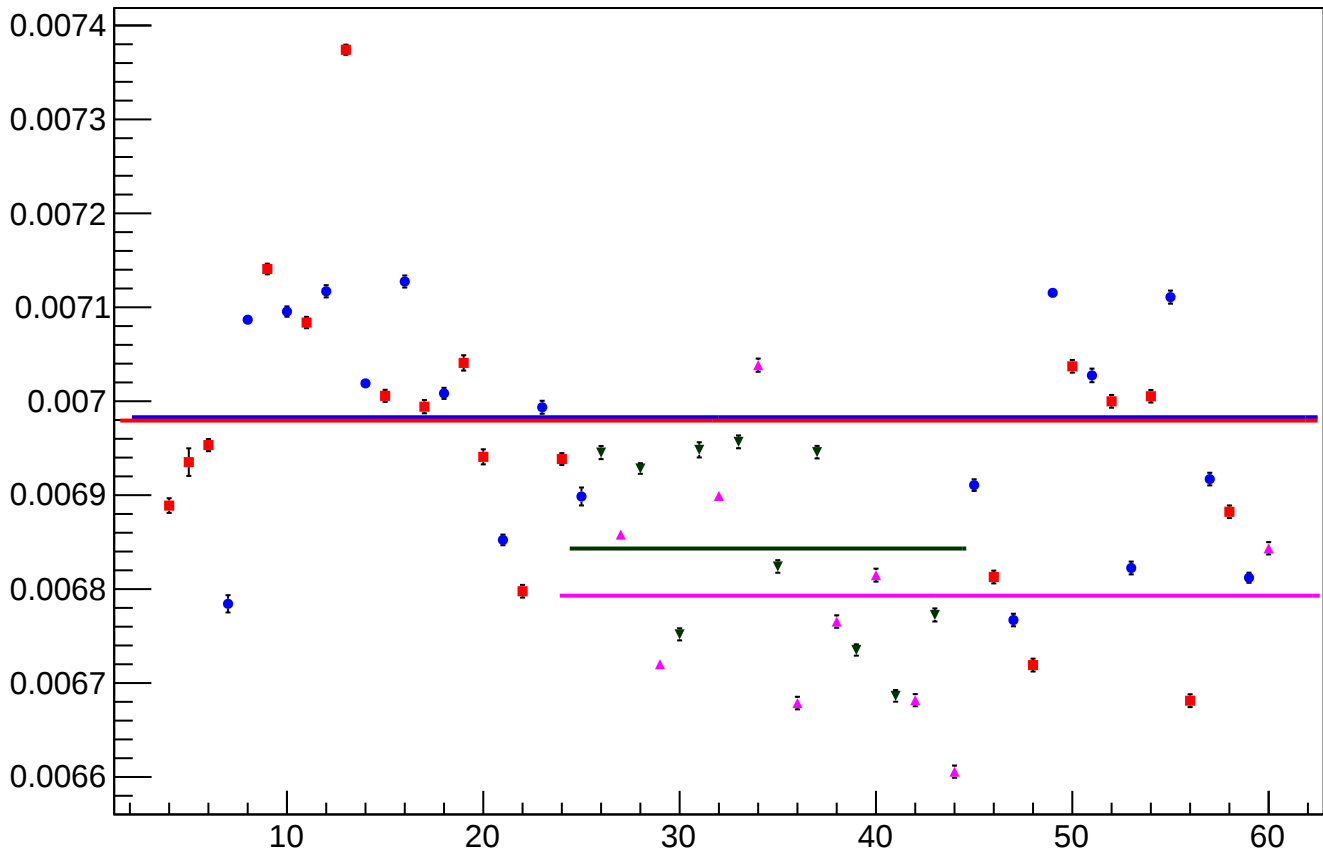
379.037 $\pm$ 0.000 χ^2 /NDF: 37144148.0/27

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

379.039 $\pm$ 0.000 χ^2 /NDF: 50541285.3/28

Left In: 379.036 $\pm$ 0.000 χ^2 /NDF:1930703.5/9

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:2379.4/9

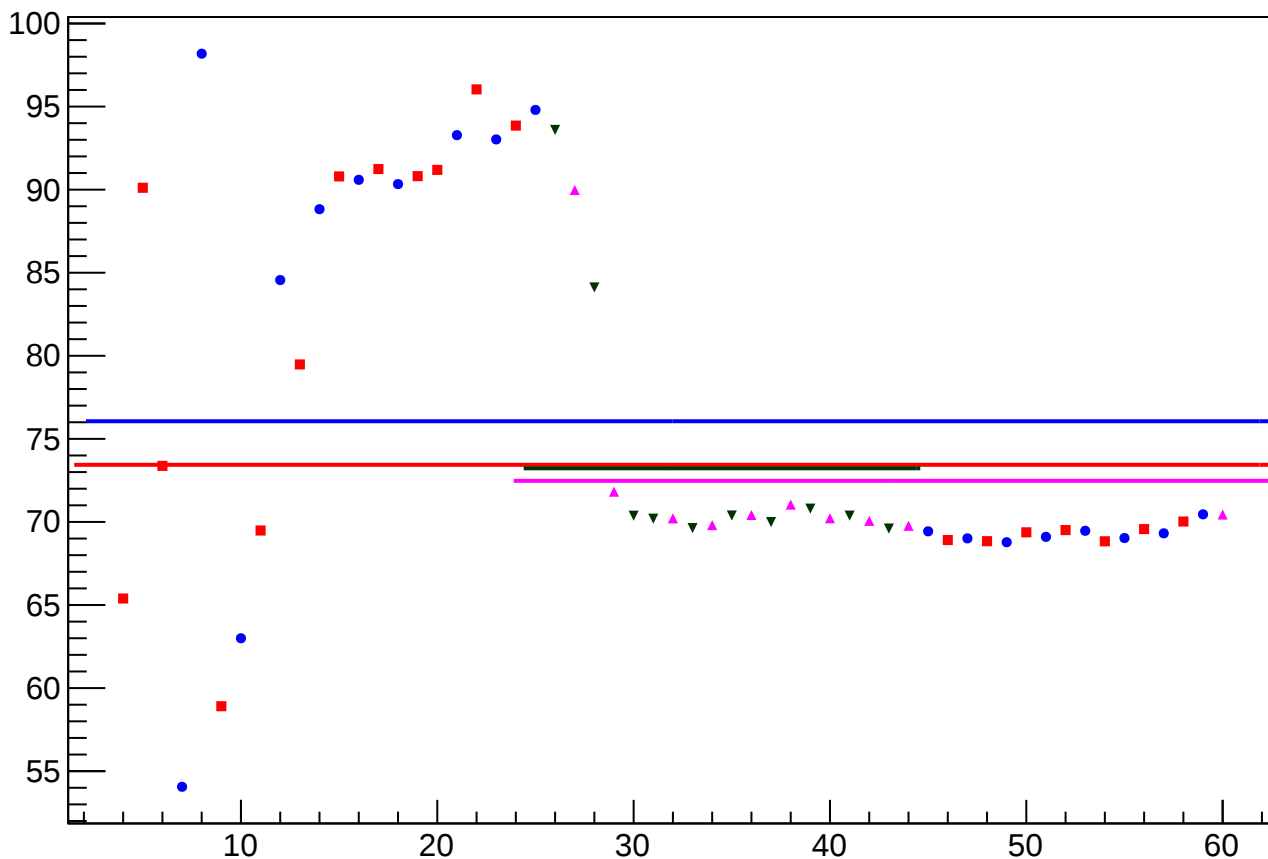
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 11747.2/18

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3493.7/9

0.007 $\pm$ 0.000 χ^2 /NDF: 12080.0/27

0.007 $\pm$ 0.000 χ^2 /NDF: 20881.5/28

yield_bcm0l02_mean vs slug



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

Left Out: 73.228 $\pm$ 0.000 χ^2 /NDF: 3731942896.0/9

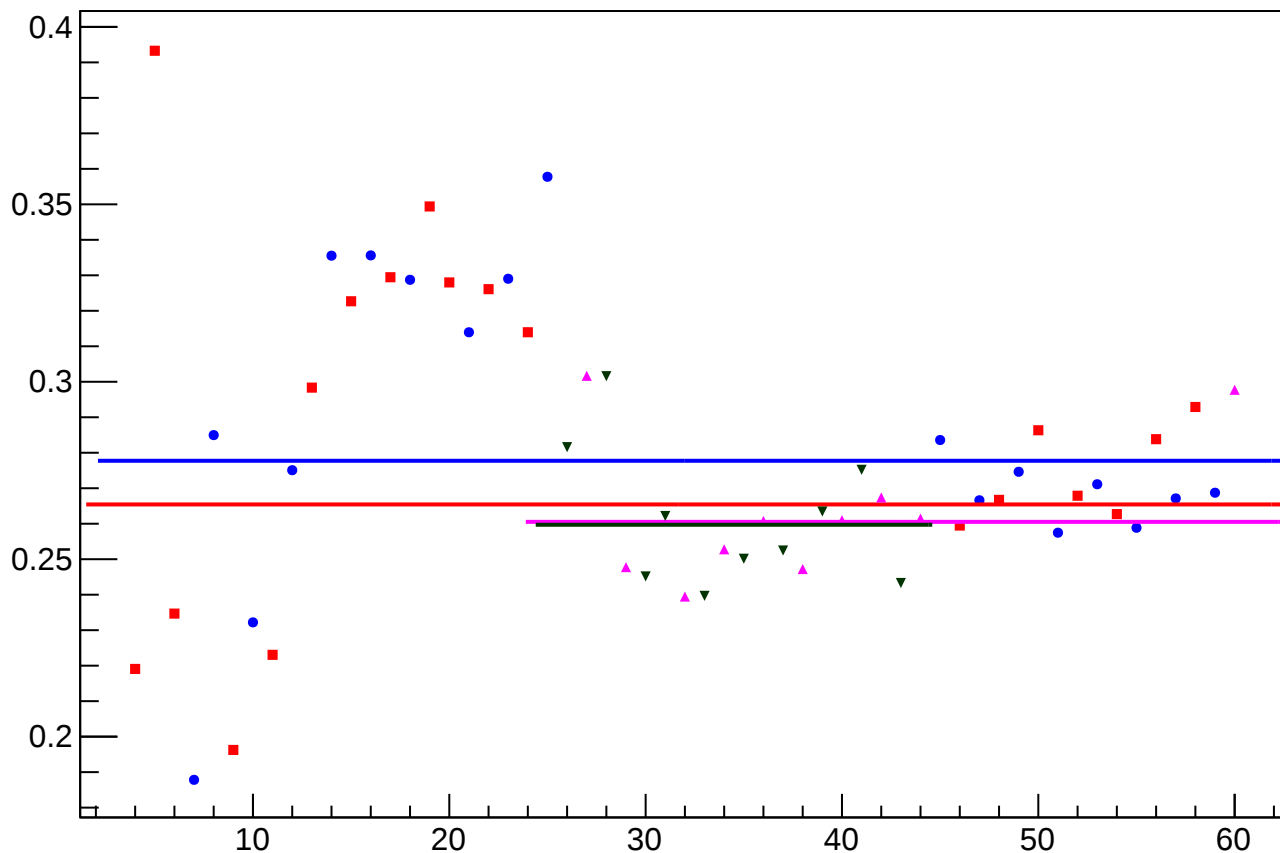
Right Out: 73.439 $\pm$ 0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.476 $\pm$ 0.000 χ^2 /NDF: 2955053801.5/9

75.053 $\pm$ 0.000 χ^2 /NDF: 24898004310.3/27

73.049 $\pm$ 0.000 χ^2 /NDF: 17743314817.8/28

yield_bcm0l02_rms vs slug



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

Left Out: 0.260 ± 0.000 χ^2/NDF : 47918.7/9

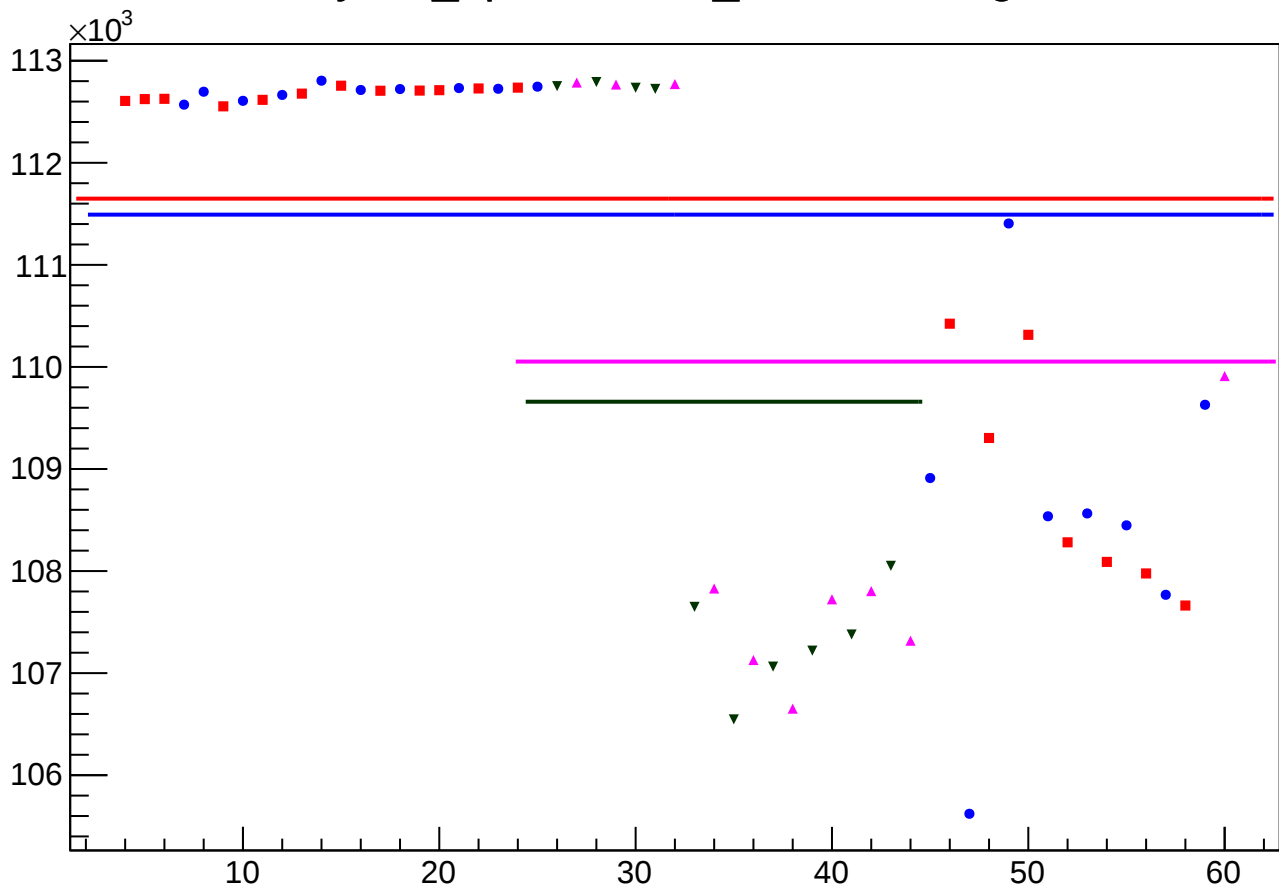
Right Out: 0.265 ± 0.000 χ^2/NDF : 503582.7/18

Left In: 0.261 ± 0.000 χ^2/NDF : 66790.8/9

0.271 ± 0.000 χ^2/NDF : 448795.2/27

0.263 ± 0.000 χ^2/NDF : 572807.4/28

yield_bpm2i01WS_mean vs slug



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

Left Out: 109659.144 $\pm$ 0.053 χ^2 /NDF: 2686861752.7/9

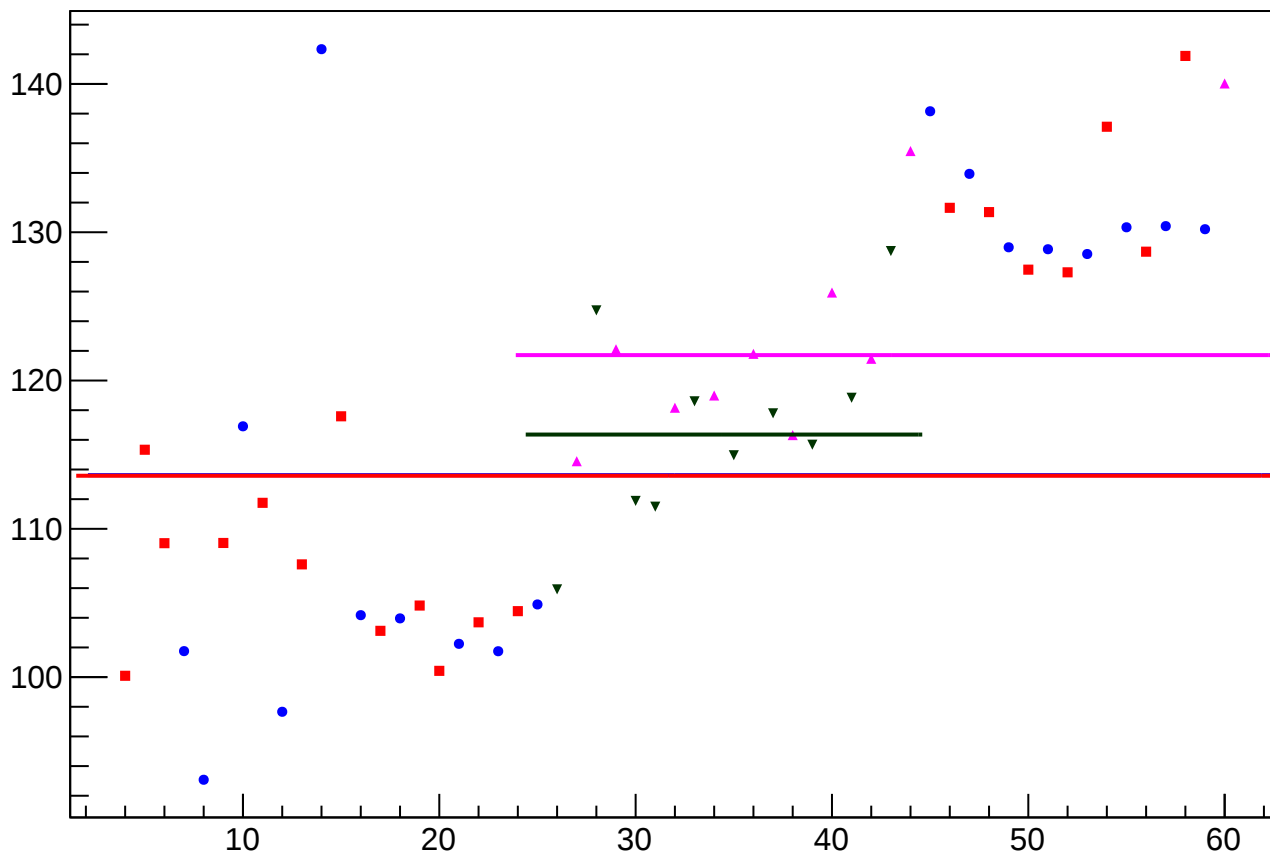
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110052.427 $\pm$ 0.051 χ^2 /NDF: 2590285883.6/9

110934.262 $\pm$ 0.029 χ^2 /NDF: 6696150268.6/27

111100.770 $\pm$ 0.030 χ^2 /NDF: 5520104508.7/28

yield_bpm2i01WS_rms vs slug



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

Left Out: 116.357+/-0.037 χ^2/NDF : 26817.0/9

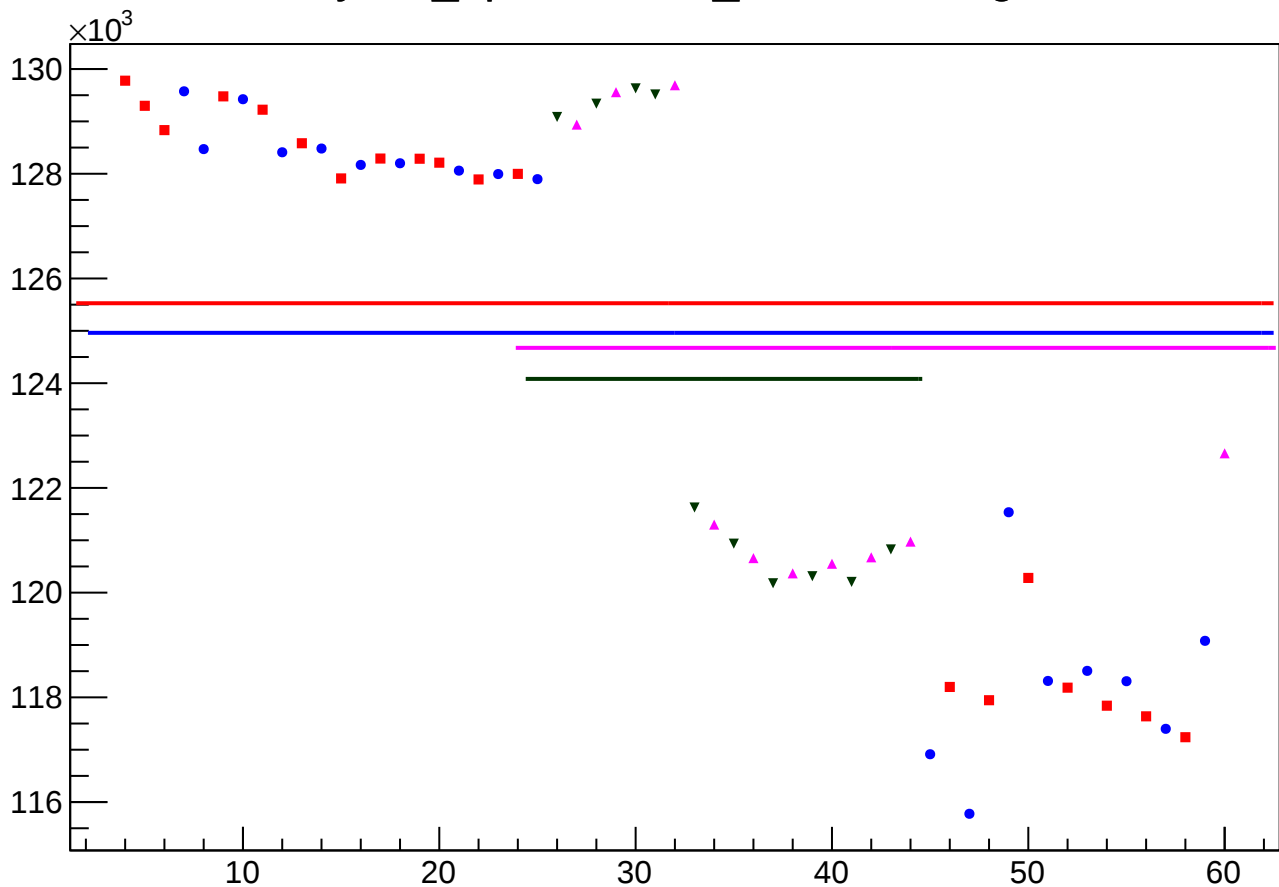
Right Out: 113.579+/-0.026 χ^2/NDF : 206805.2/18

Left In: 121.714+/-0.036 χ^2/NDF : 36644.9/9

114.453+/-0.021 χ^2/NDF : 452905.6/27

116.373+/-0.021 χ^2/NDF : 276227.0/28

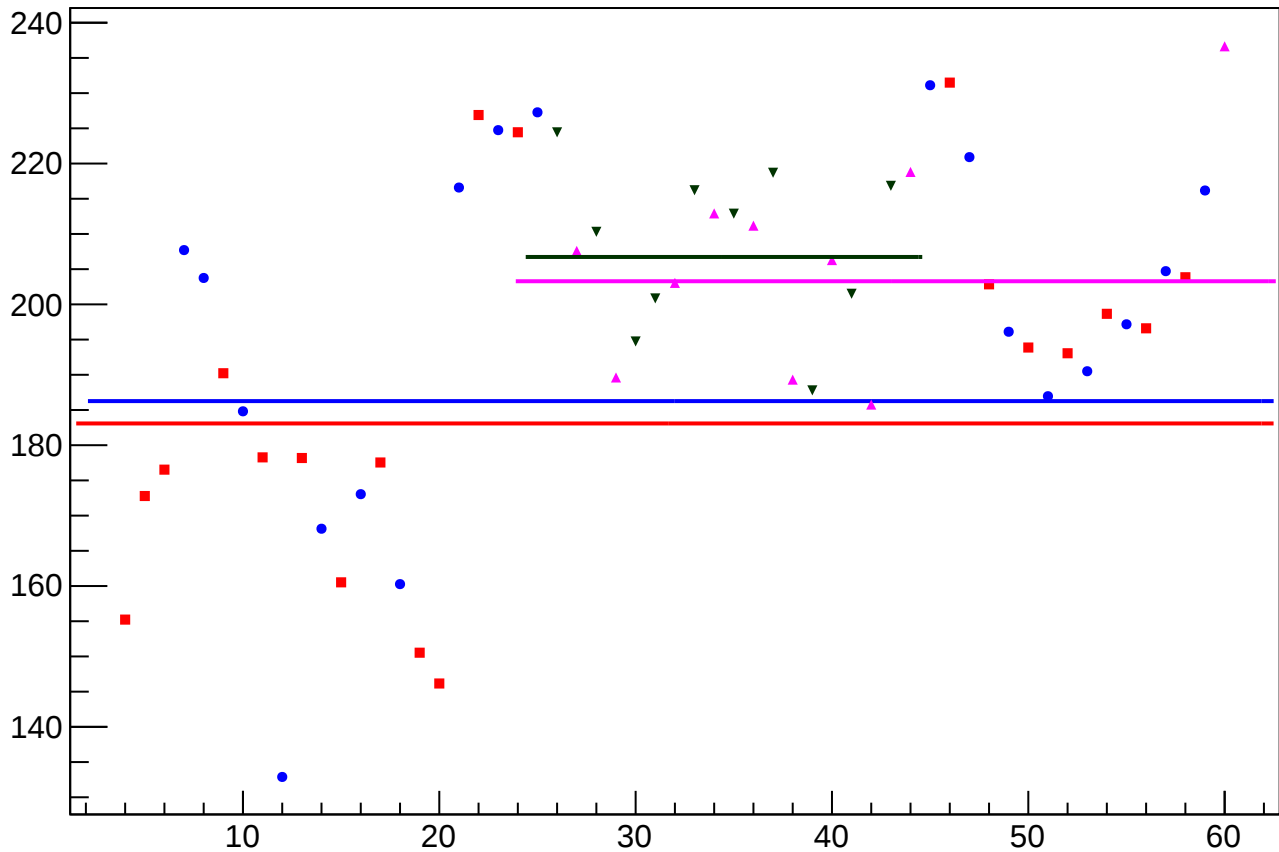
yield_bpm0i07WS_mean vs slug



Right In: 124961.680 $\pm$ 0.057 χ^2 /NDF: 7216201458.1/17
 Left Out: 124081.986 $\pm$ 0.090 χ^2 /NDF: 2292578151.5/9
 Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18
 Left In: 124675.123 $\pm$ 0.082 χ^2 /NDF: 2648415748.3/9

124711.411 $\pm$ 0.048 χ^2 /NDF: 9577052624.4/27
 125234.556 $\pm$ 0.048 χ^2 /NDF: 9263933531.9/28

yield_bpm0i07WS_rms vs slug



Right In: 186.263 ± 0.040 $\chi^2/\text{NDF}: 462392.0/17$

Left Out: 206.733 ± 0.064 $\chi^2/\text{NDF}: 32612.0/9$

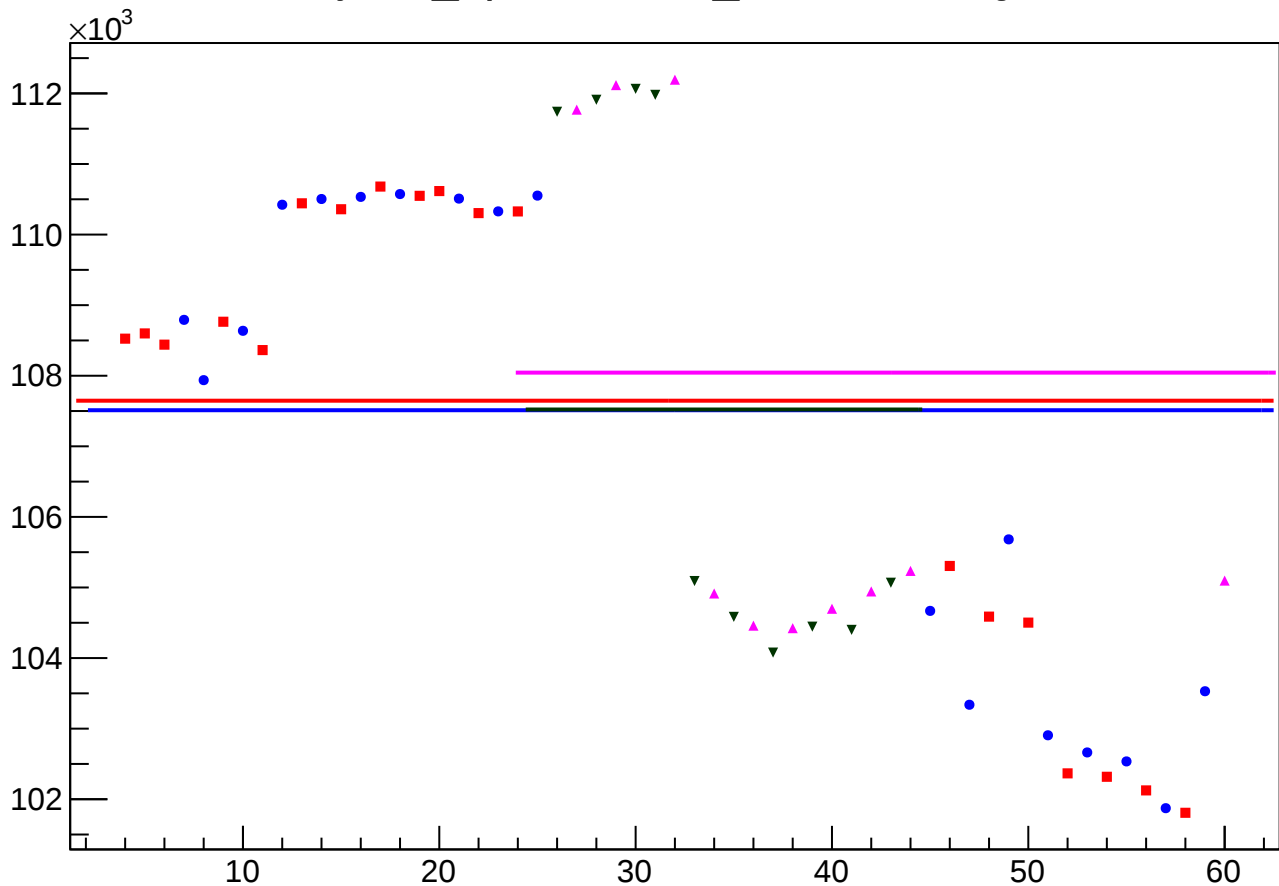
Right Out: 183.088 ± 0.042 $\chi^2/\text{NDF}: 276420.3/18$

Left In: 203.285 ± 0.058 $\chi^2/\text{NDF}: 53701.6/9$

192.087 ± 0.034 $\chi^2/\text{NDF}: 568938.7/27$

190.022 ± 0.034 $\chi^2/\text{NDF}: 409110.6/28$

yield_bpm0l01WS_mean vs slug



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

Left Out: 107521.561 $\pm$ 0.049 χ^2 /NDF: 5321162353.6/9

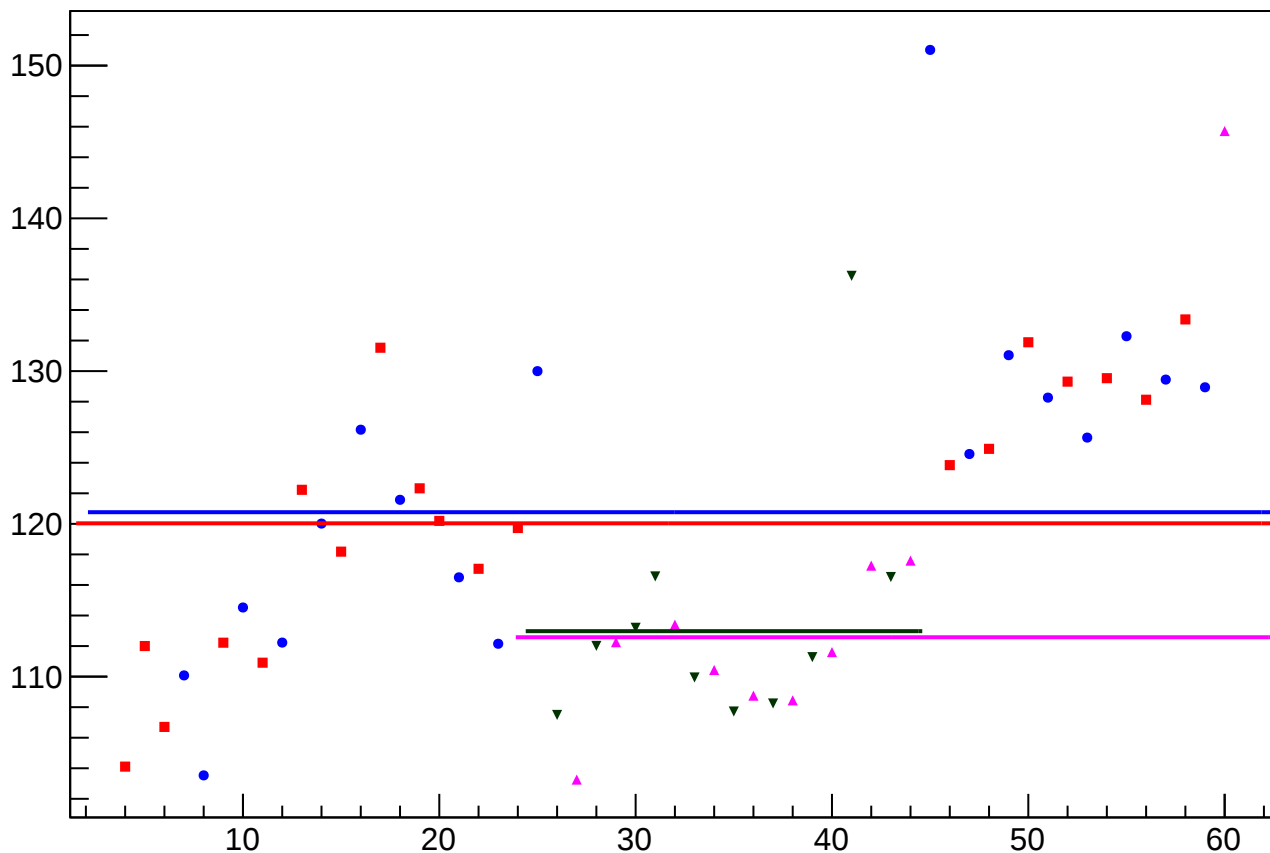
Right Out: 107646.372 $\pm$ 0.039 χ^2 /NDF: 6547636060.9/18

Left In: 108044.147 $\pm$ 0.046 χ^2 /NDF: 6207122950.6/9

107514.985 $\pm$ 0.029 χ^2 /NDF: 12866556209.3/2

107813.593 $\pm$ 0.030 χ^2 /NDF: 12798663972.8/2

yield_bpm0l01WS_rms vs slug



Right In: 120.763 $\pm$ 0.026 χ^2 /NDF: 155732.1/17

Left Out: 112.975 $\pm$ 0.035 χ^2 /NDF: 42849.8/9

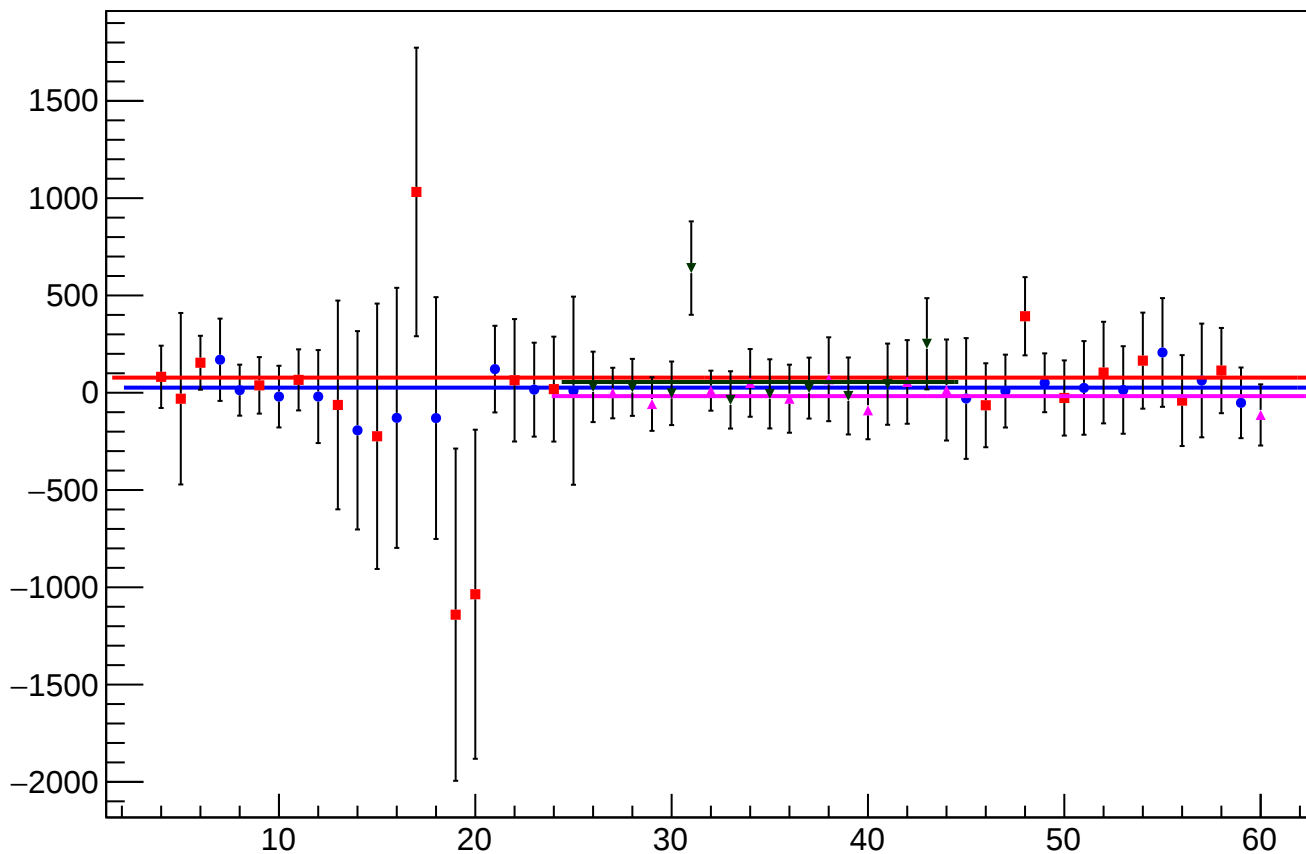
Right Out: 120.035 $\pm$ 0.028 χ^2 /NDF: 93920.3/18

Left In: 112.577 $\pm$ 0.032 χ^2 /NDF: 73779.4/9

118.003 $\pm$ 0.021 χ^2 /NDF: 230691.2/27

116.899 $\pm$ 0.021 χ^2 /NDF: 198567.2/28

asym_bcm_an_ds_mean vs slug



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

Left Out: 55.055+/-56.152 χ^2/NDF : 7.5/9

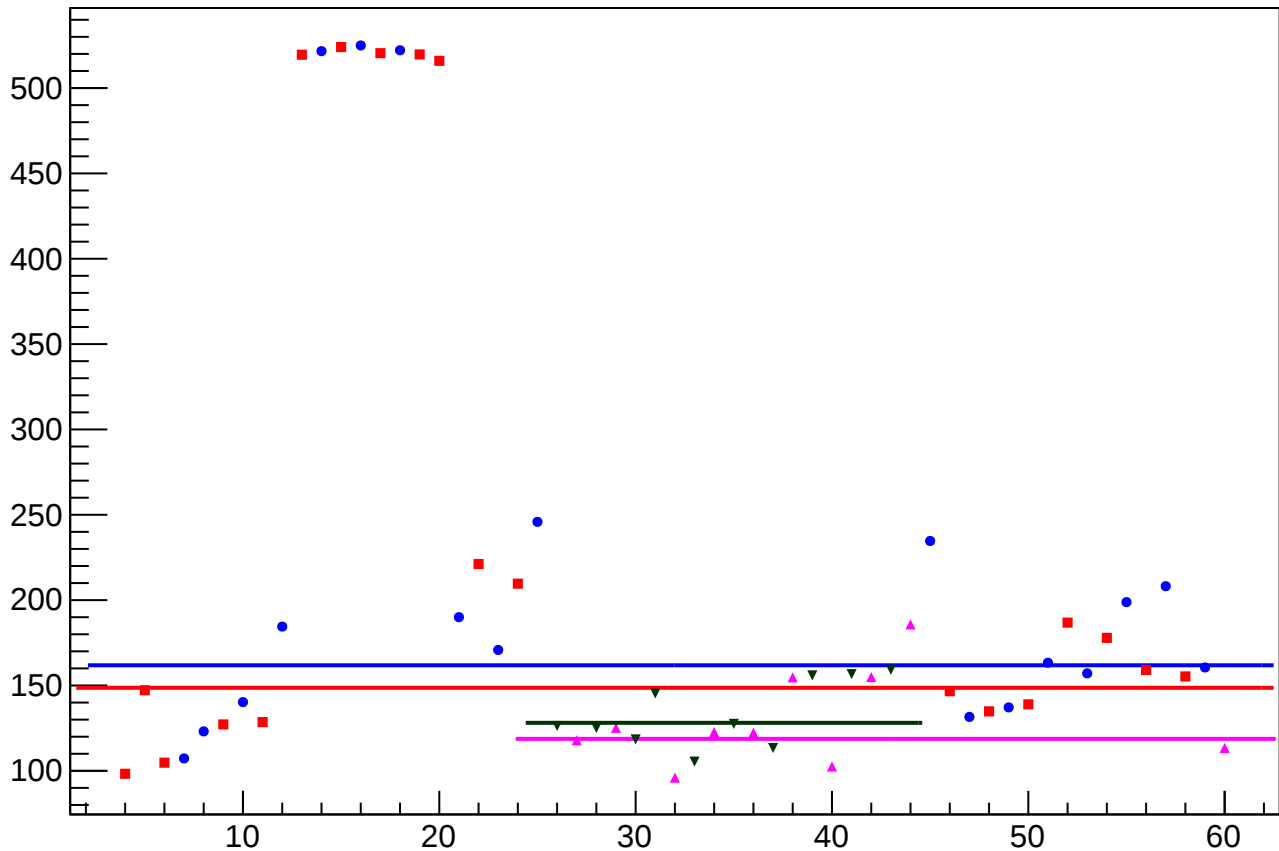
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -17.487+/-49.037 χ^2/NDF : 1.2/9

39.686+/-38.353 χ^2/NDF : 9.4/27

26.788+/-35.864 χ^2/NDF : 12.8/28

asym_bcm_an_ds_rms vs slug



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

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

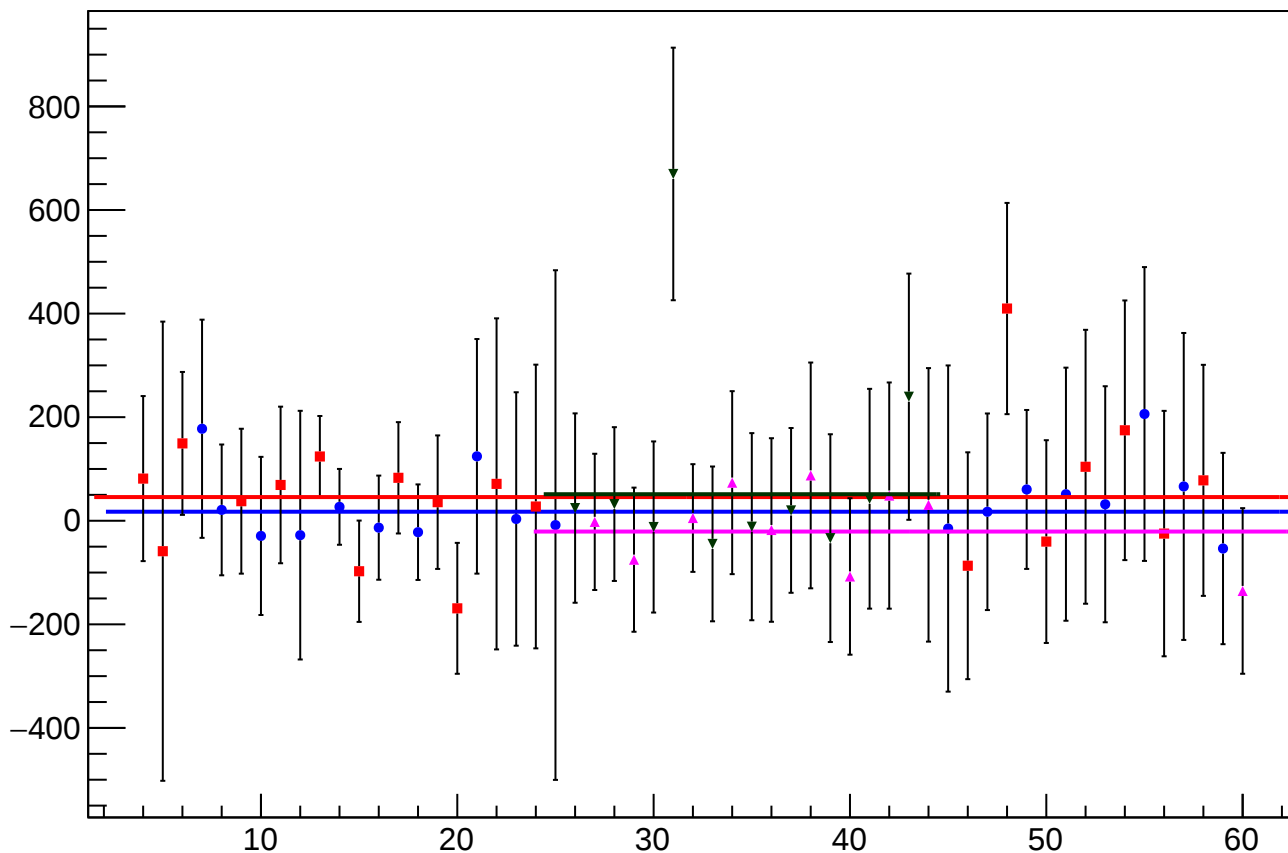
Right Out: 148.646+/-0.037 χ^2/NDF : 3594583.0/18

Left In: 118.733+/-0.035 χ^2/NDF :376292.9/9

146.108+/-0.027 χ^2/NDF : 3599157.5/27

132.646+/-0.025 χ^2/NDF : 4317034.0/28

asym_bcm_an_ds3_mean vs slug



Right In: 17.458 $\pm$ 36.313 χ^2 /NDF: 2.0/17

Left Out: 51.240 $\pm$ 56.939 χ^2 /NDF:8.0/9

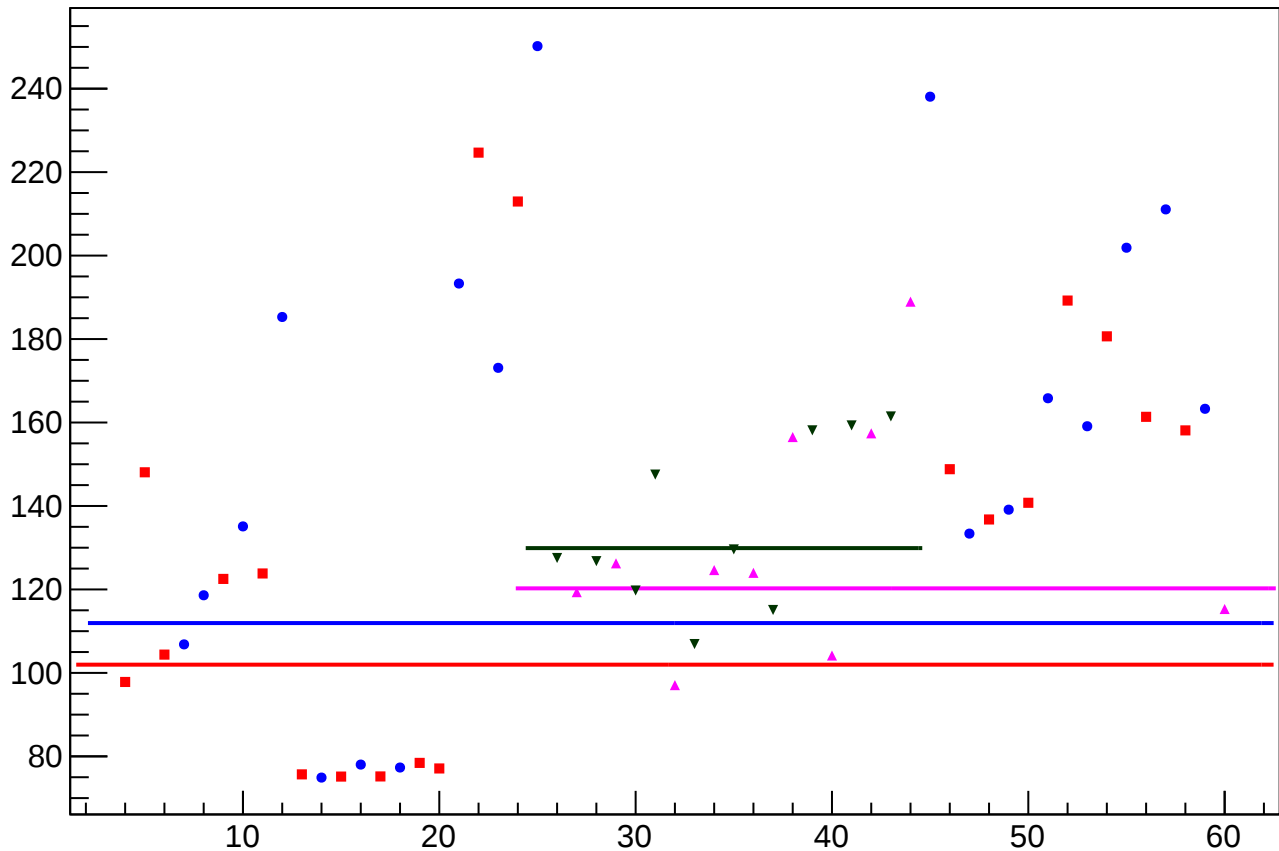
Right Out: 45.735 $\pm$ 34.677 χ^2 /NDF: 11.0/18

Left In: -20.849 $\pm$ 49.681 χ^2 /NDF:1.8/9

27.226 $\pm$ 30.617 χ^2 /NDF: 10.2/27

23.922 $\pm$ 28.435 χ^2 /NDF: 14.0/28

asym_bcm_an_ds3_rms vs slug



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

Left Out: 129.904+/-0.040 χ^2/NDF :197170.8/9

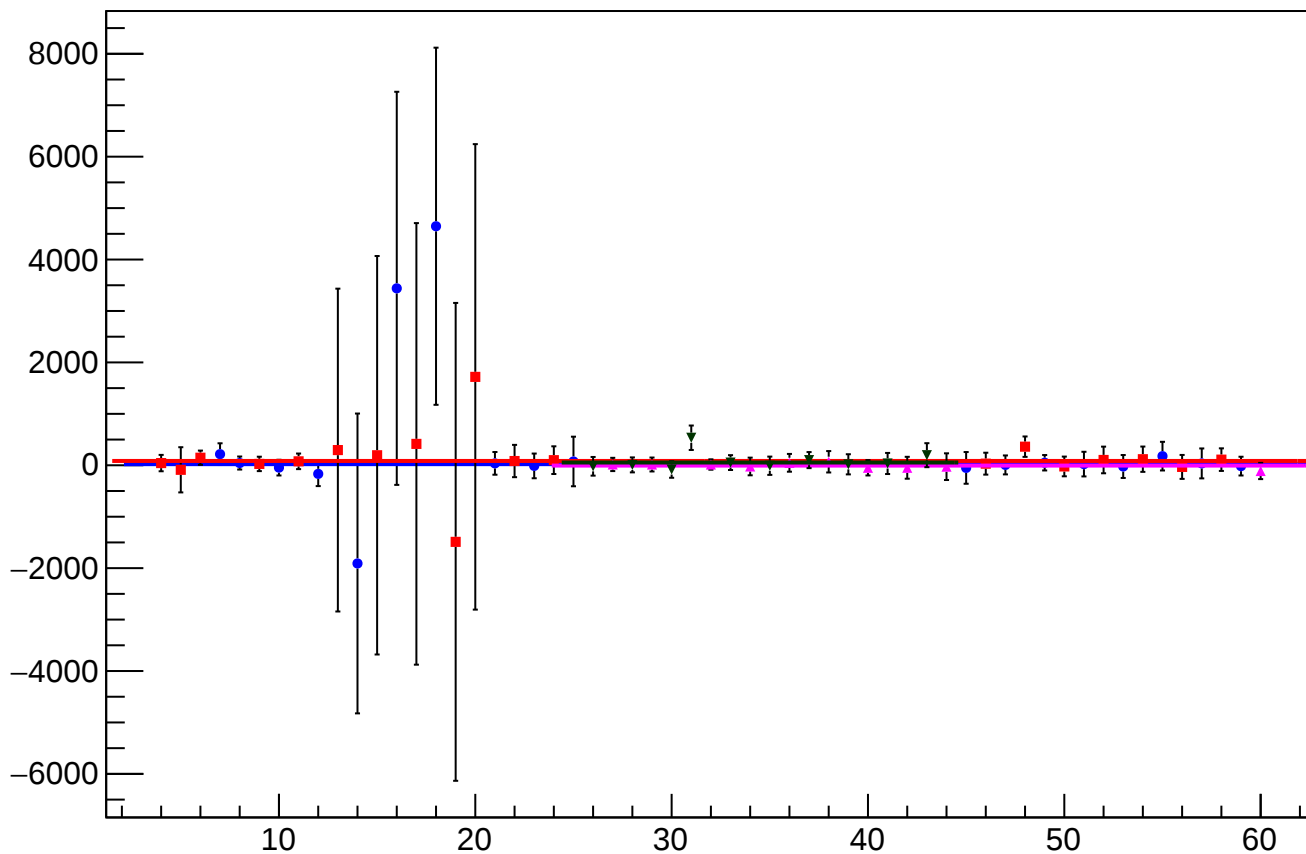
117.135+/-0.022 χ^2/NDF : 3311375.9/27

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

107.963+/-0.020 χ^2/NDF : 2832632.0/28

Left In: 120.258+/-0.035 χ^2/NDF :378604.7/9

asym_bcm_an_us_mean vs slug



Right In: 21.772 $\pm$ 52.365 χ^2 /NDF: 5.3/17

Left Out: 53.832 $\pm$ 55.648 χ^2 /NDF: 5.7/9

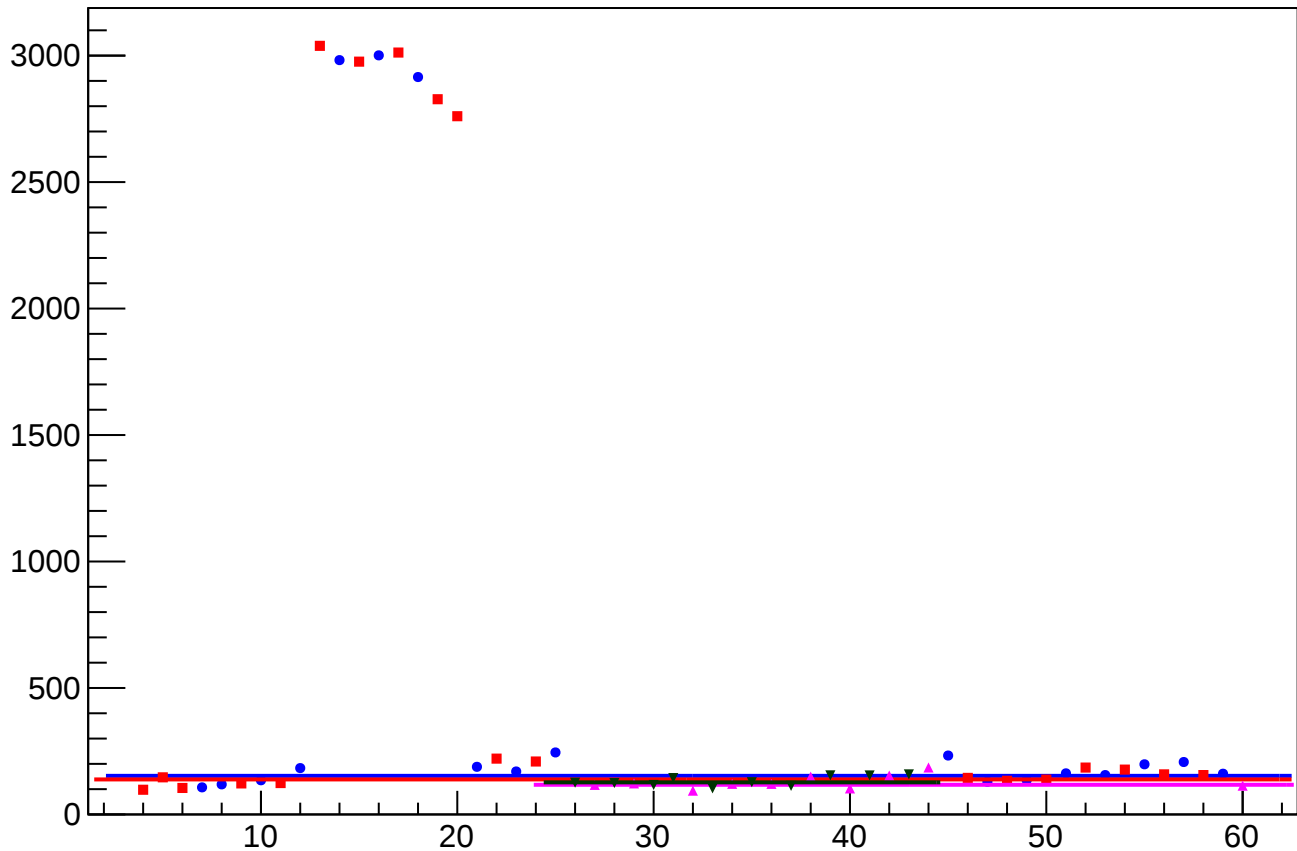
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -5.789 $\pm$ 48.466 χ^2 /NDF: 0.9/9

36.828 $\pm$ 38.136 χ^2 /NDF: 11.1/27

35.451 $\pm$ 35.654 χ^2 /NDF: 6.0/28

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 126.861+/-0.039 χ^2/NDF : 201202.8/9

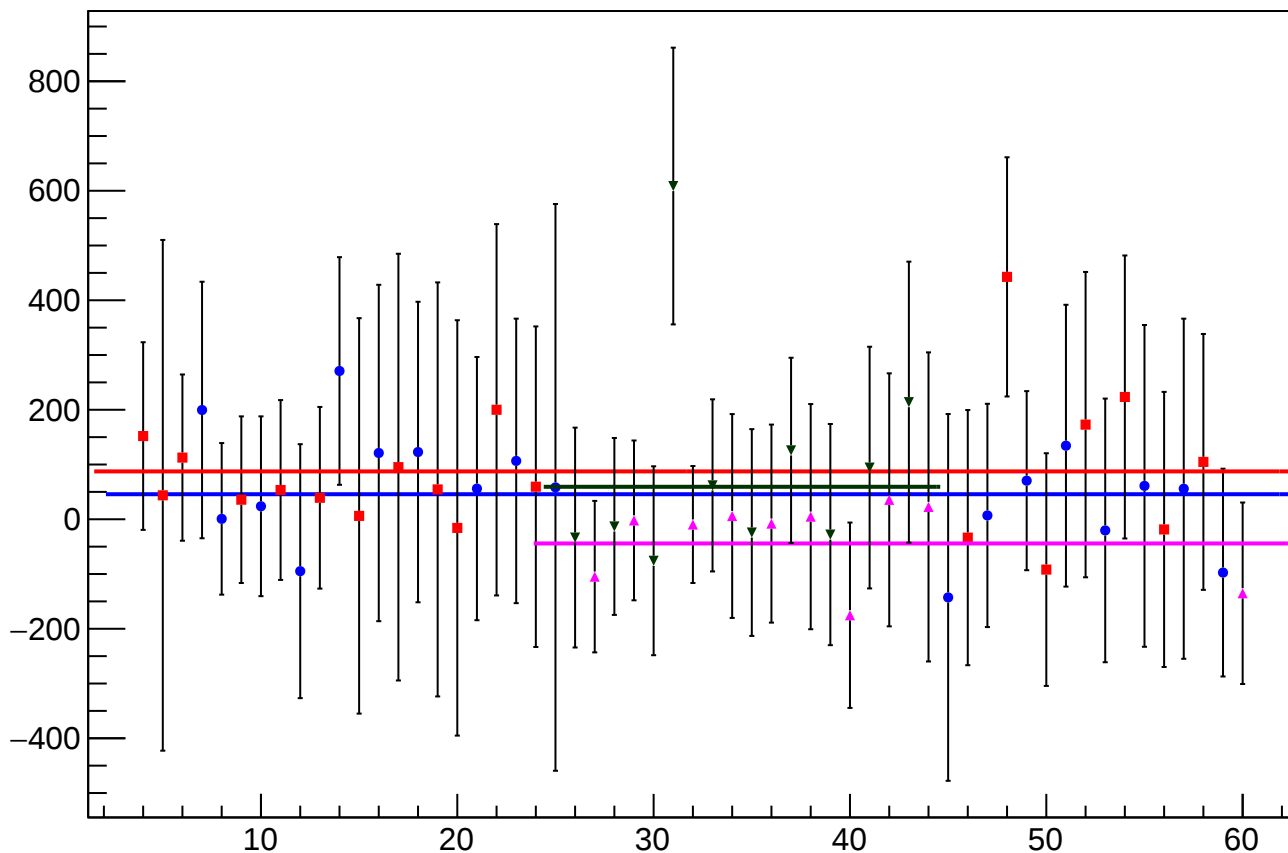
140.527+/-0.027 χ^2/NDF : 5446256.8/27

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

127.029+/-0.025 χ^2/NDF : 6284797.4/28

Left In: 117.341+/-0.034 χ^2/NDF : 376059.3/9

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 59.318+/-60.188 χ^2/NDF : 6.7/9

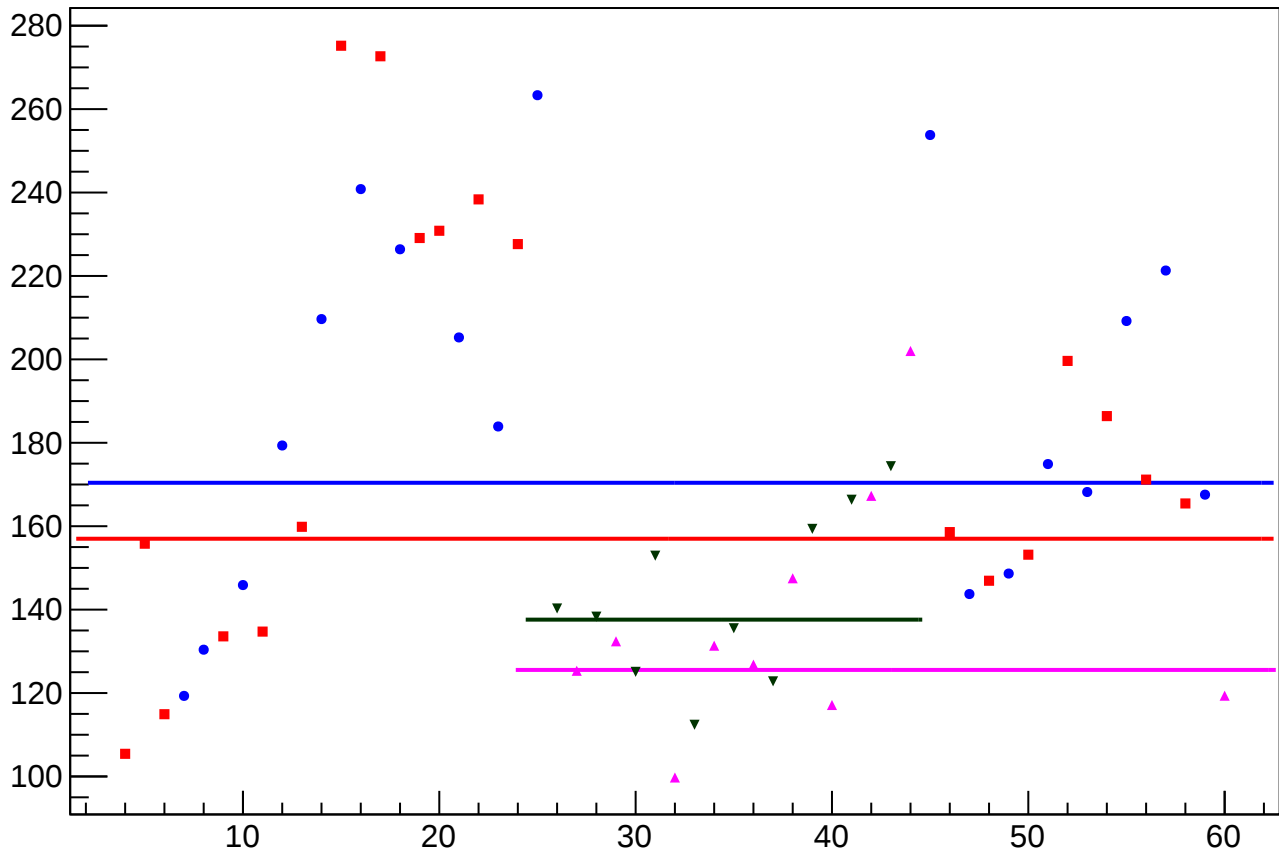
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -44.178+/-51.809 χ^2/NDF : 1.6/9

51.619+/-39.608 χ^2/NDF : 10.1/27

21.462+/-36.681 χ^2/NDF : 9.7/28

asym_bcm_dg_us_rms vs slug



Right In: 170.412+/-0.037 χ^2/NDF : 964671.4/17

Left Out: 137.600+/-0.043 χ^2/NDF :183507.0/9

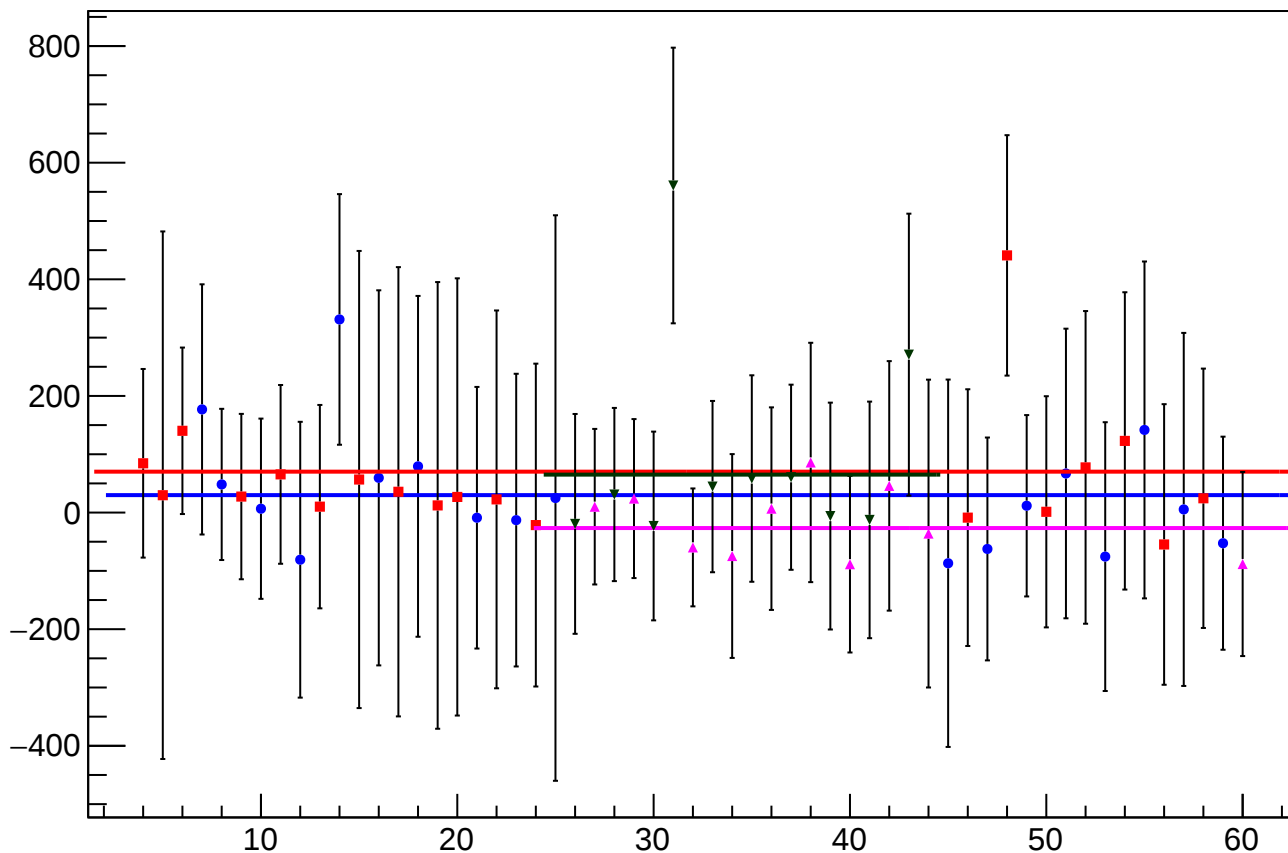
156.202+/-0.028 χ^2/NDF : 1485163.6/27

Right Out: 156.997+/-0.037 χ^2/NDF : 1276447.5/18

141.230+/-0.026 χ^2/NDF : 2009781.8/28

Left In: 125.543+/-0.037 χ^2/NDF :365689.9/9

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 65.067+/-56.313 χ^2/NDF : 6.0/9

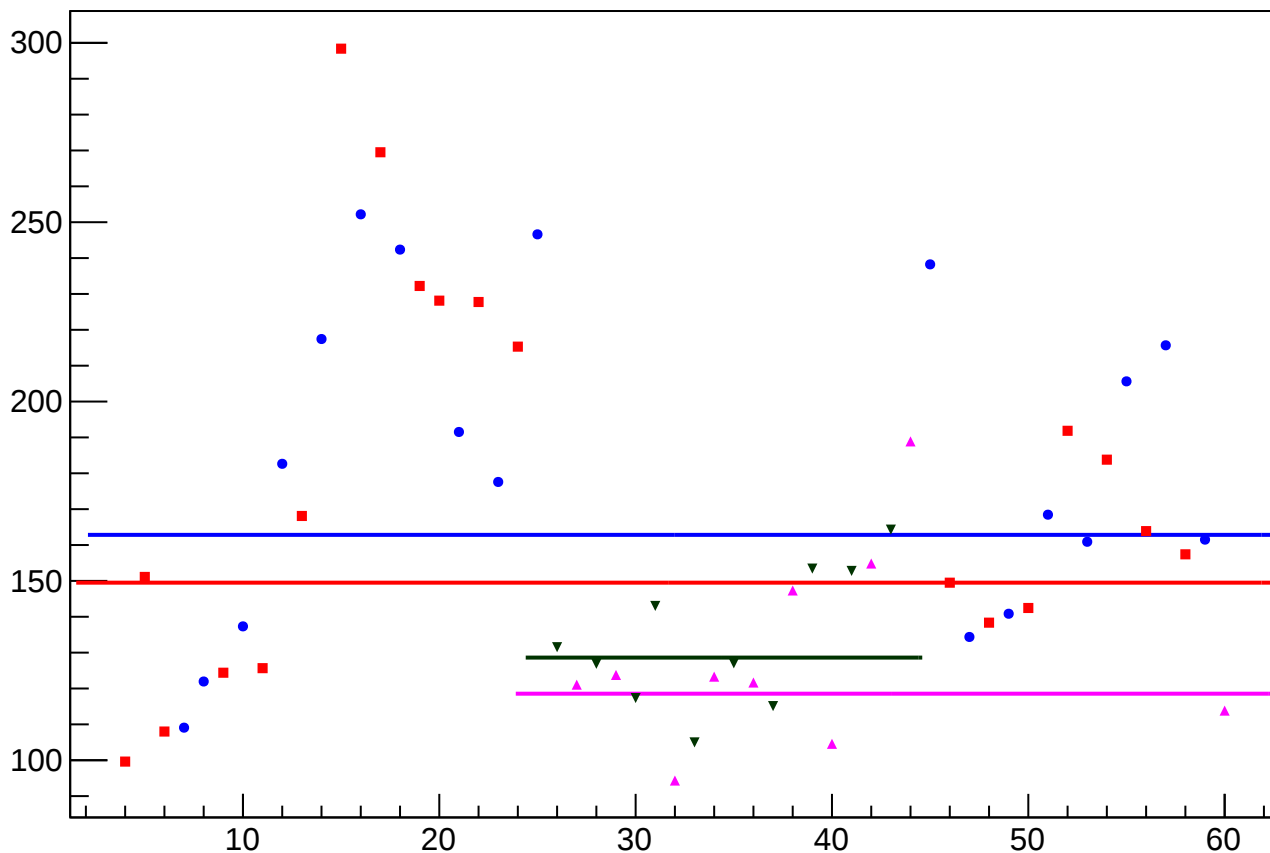
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -26.555+/-48.945 χ^2/NDF : 1.2/9

45.617+/-37.634 χ^2/NDF : 10.0/27

20.980+/-34.902 χ^2/NDF : 7.6/28

asym_bcm_dg_ds_rms vs slug



Right In: 162.833+/-0.036 χ^2/NDF : 1229021.5/17

Left Out: 128.616+/-0.040 χ^2/NDF : 188850.5/9

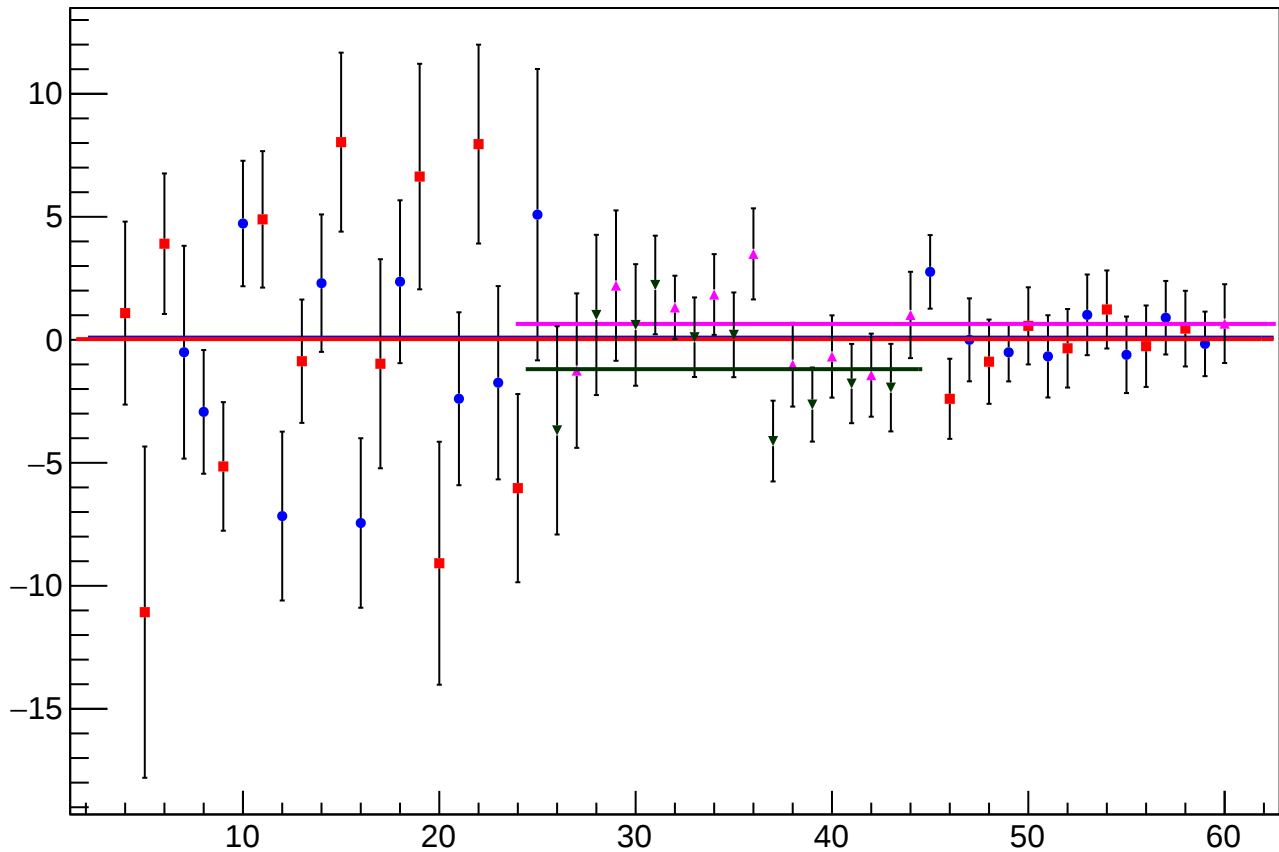
Right Out: 149.507+/-0.035 χ^2/NDF : 1490705.1/18

Left In: 118.553+/-0.035 χ^2/NDF : 378194.5/9

147.551+/-0.027 χ^2/NDF : 1826484.9/27

133.767+/-0.025 χ^2/NDF : 2262073.1/28

asym_cav4bQ_mean vs slug



Right In: 0.089 ± 0.466 χ^2/NDF : 21.1/17

Left Out: -1.193 ± 0.598 χ^2/NDF : 9.9/9

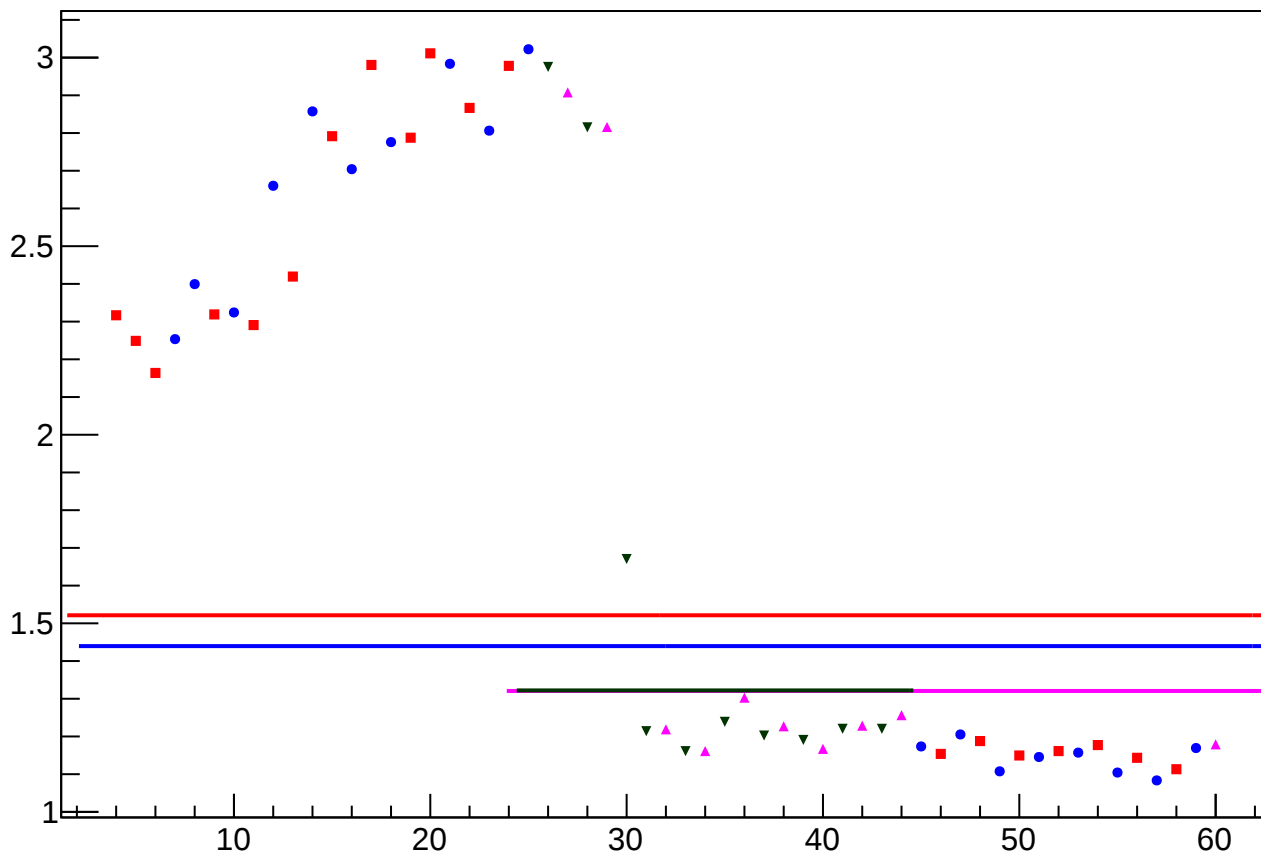
Right Out: 0.028 ± 0.520 χ^2/NDF : 31.9/18

Left In: 0.646 ± 0.555 χ^2/NDF : 6.9/9

-0.394 ± 0.367 χ^2/NDF : 33.9/27

0.317 ± 0.379 χ^2/NDF : 39.5/28

asym_cav4bQ_rms vs slug



Right In: 1.440+/-0.000 χ^2/NDF : 3409388.4/17

Left Out: 1.322+/-0.000 χ^2/NDF : 835682.2/9

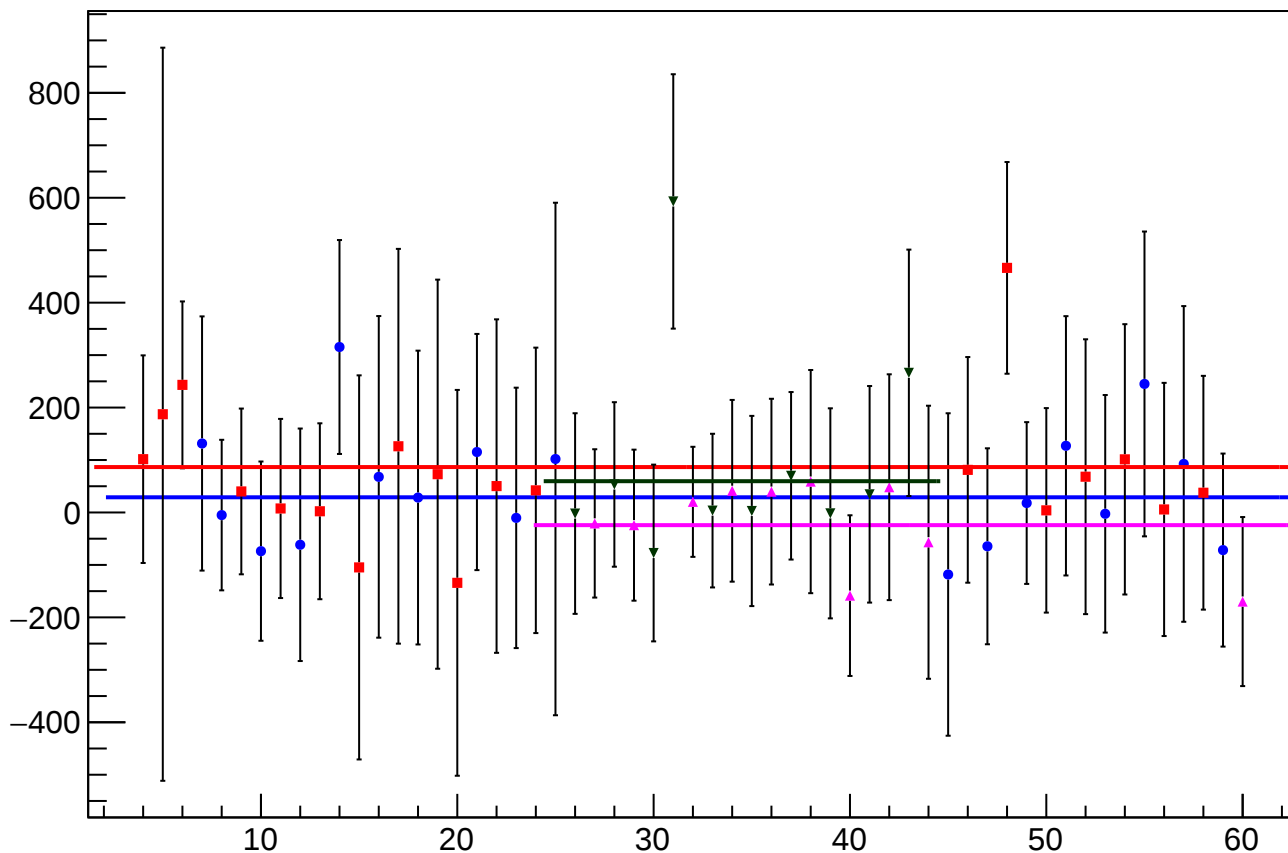
Right Out: 1.521+/-0.000 χ^2/NDF : 2870549.2/18

Left In: 1.321+/-0.000 χ^2/NDF : 1068460.8/9

1.395+/-0.000 χ^2/NDF : 4293134.2/27

1.428+/-0.000 χ^2/NDF : 4078282.5/28

asym_cav4cQ_mean vs slug



Right In: 28.930 $\pm$ 51.478 χ^2 /NDF: 4.5/17

Left Out: 59.618 $\pm$ 57.448 χ^2 /NDF: 6.7/9

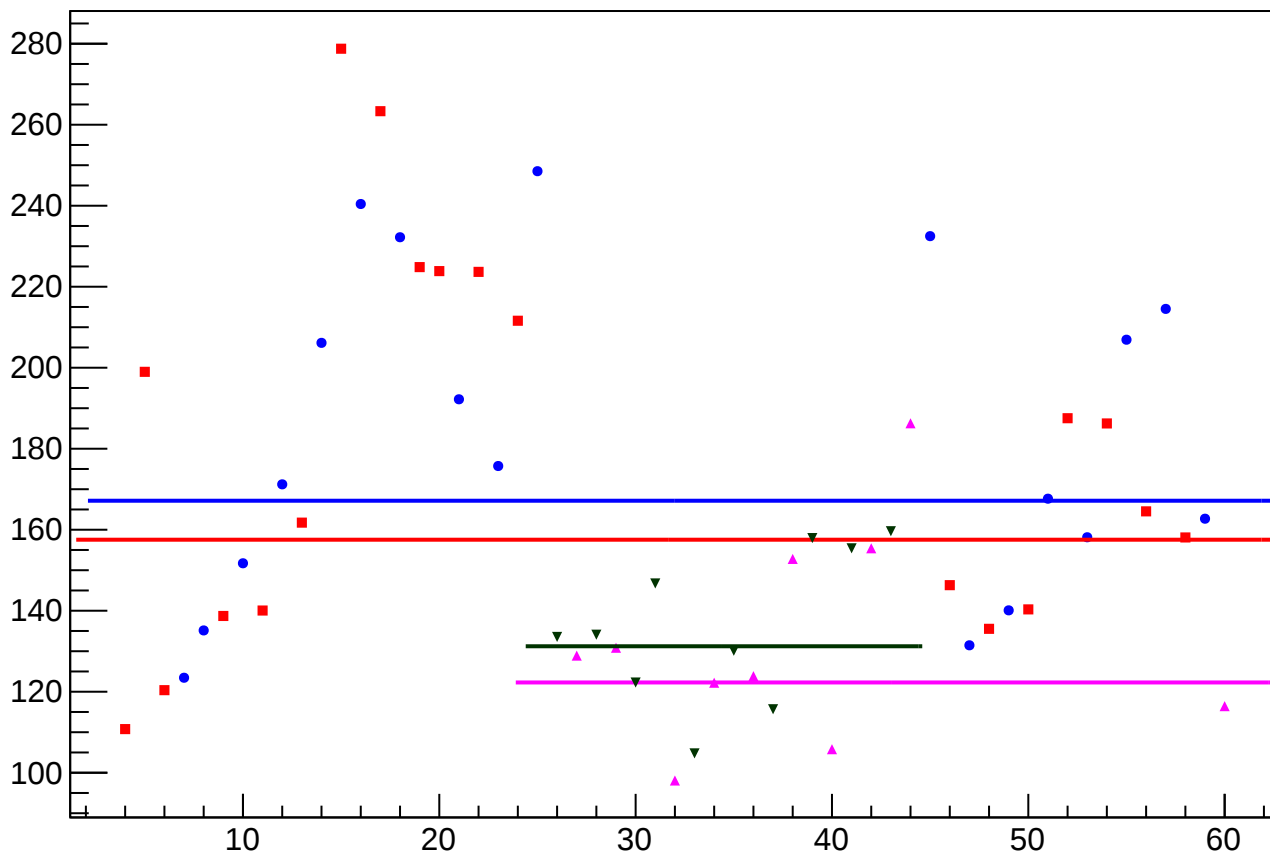
Right Out: 86.558 $\pm$ 52.059 χ^2 /NDF: 6.1/18

Left In: -24.172 $\pm$ 50.386 χ^2 /NDF: 2.3/9

42.597 $\pm$ 38.338 χ^2 /NDF: 11.4/27

29.385 $\pm$ 36.205 χ^2 /NDF: 10.8/28

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF : 875808.6/17

Left Out: 131.224+/-0.041 χ^2/NDF :191308.6/9

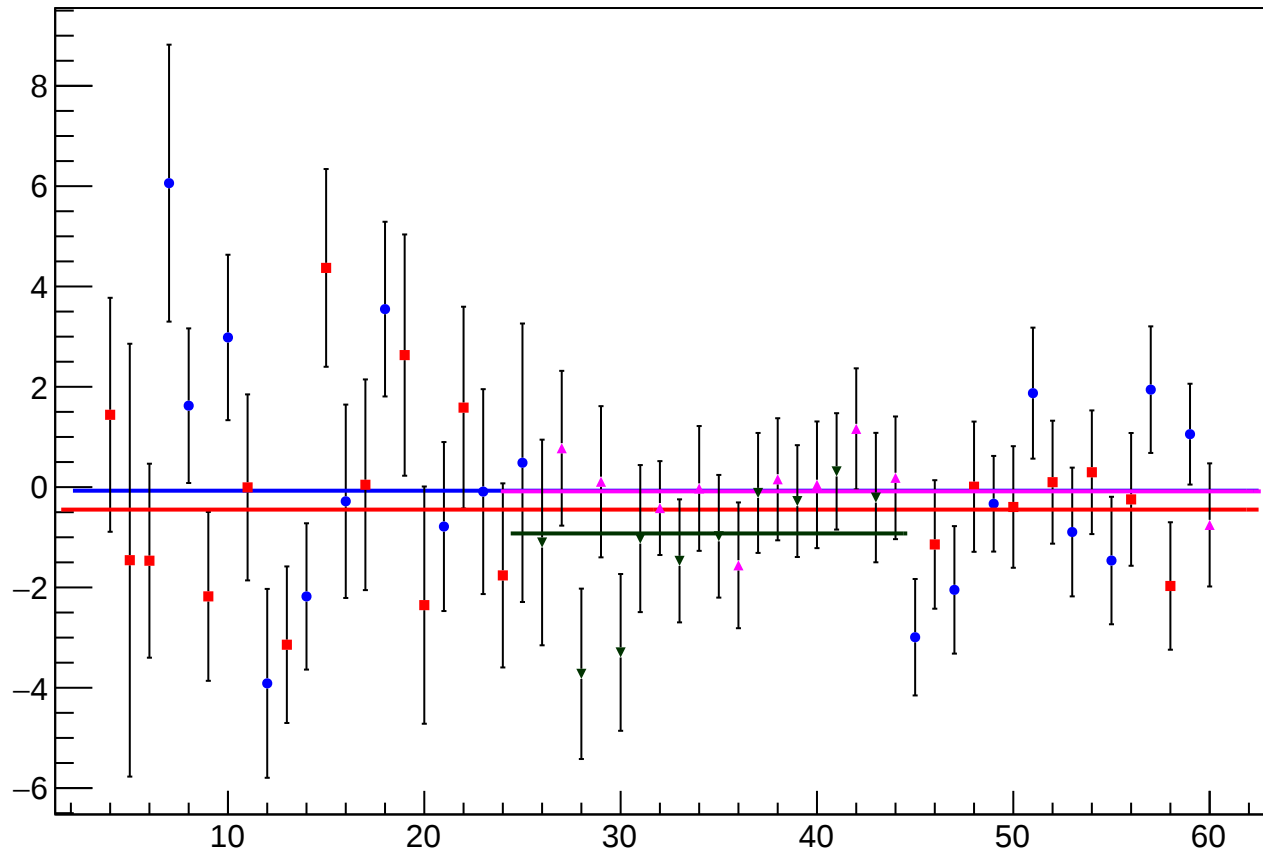
Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

Left In: 122.287+/-0.036 χ^2/NDF :353258.5/9

151.155+/-0.027 χ^2/NDF : 1501147.9/27

139.335+/-0.026 χ^2/NDF : 1876348.0/28

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

-0.402 ± 0.262 χ^2/NDF : 46.8/27

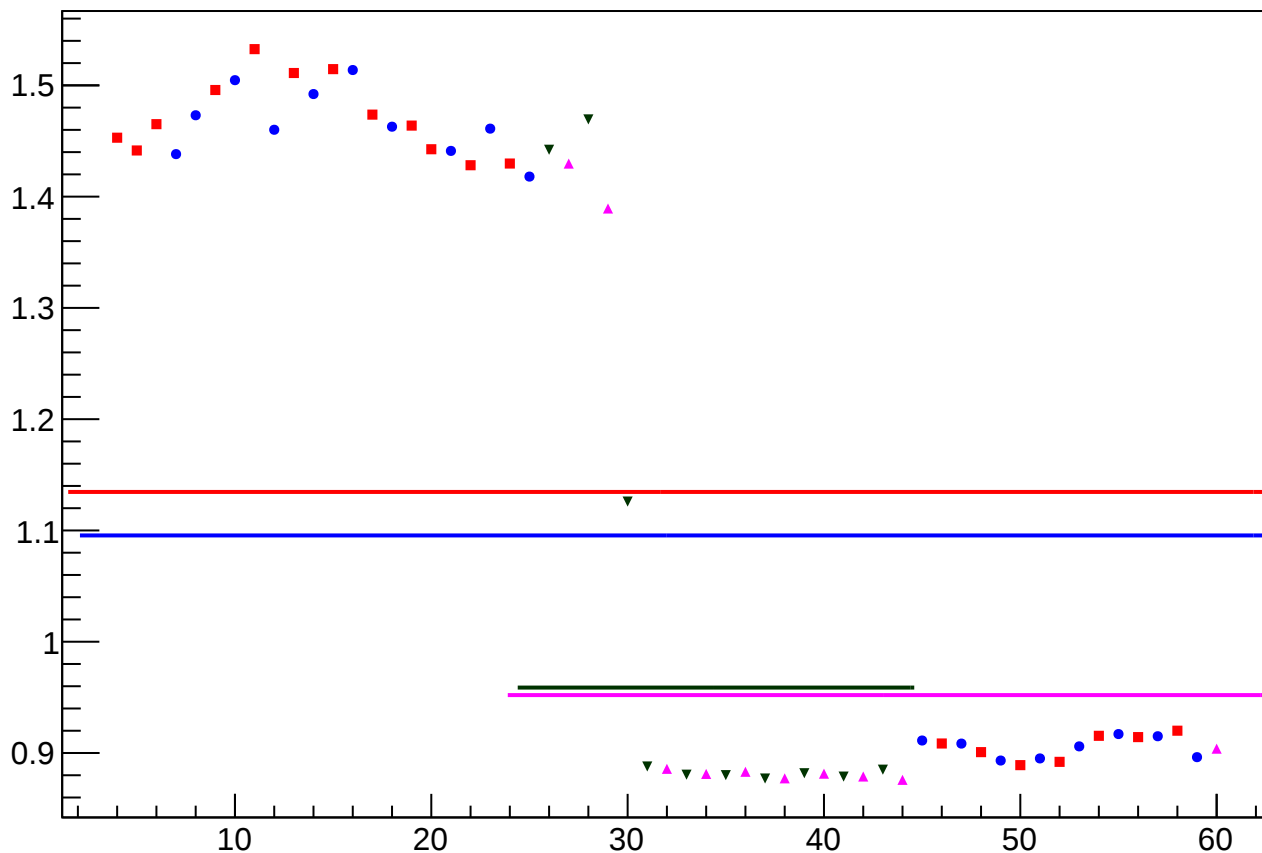
Left Out: -0.924 ± 0.421 χ^2/NDF : 7.5/9

Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

-0.276 ± 0.268 χ^2/NDF : 21.1/28

Left In: -0.084 ± 0.389 χ^2/NDF : 3.3/9

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF : 1288766.9/17

Left Out: 0.959+/-0.000 χ^2/NDF : 370902.6/9

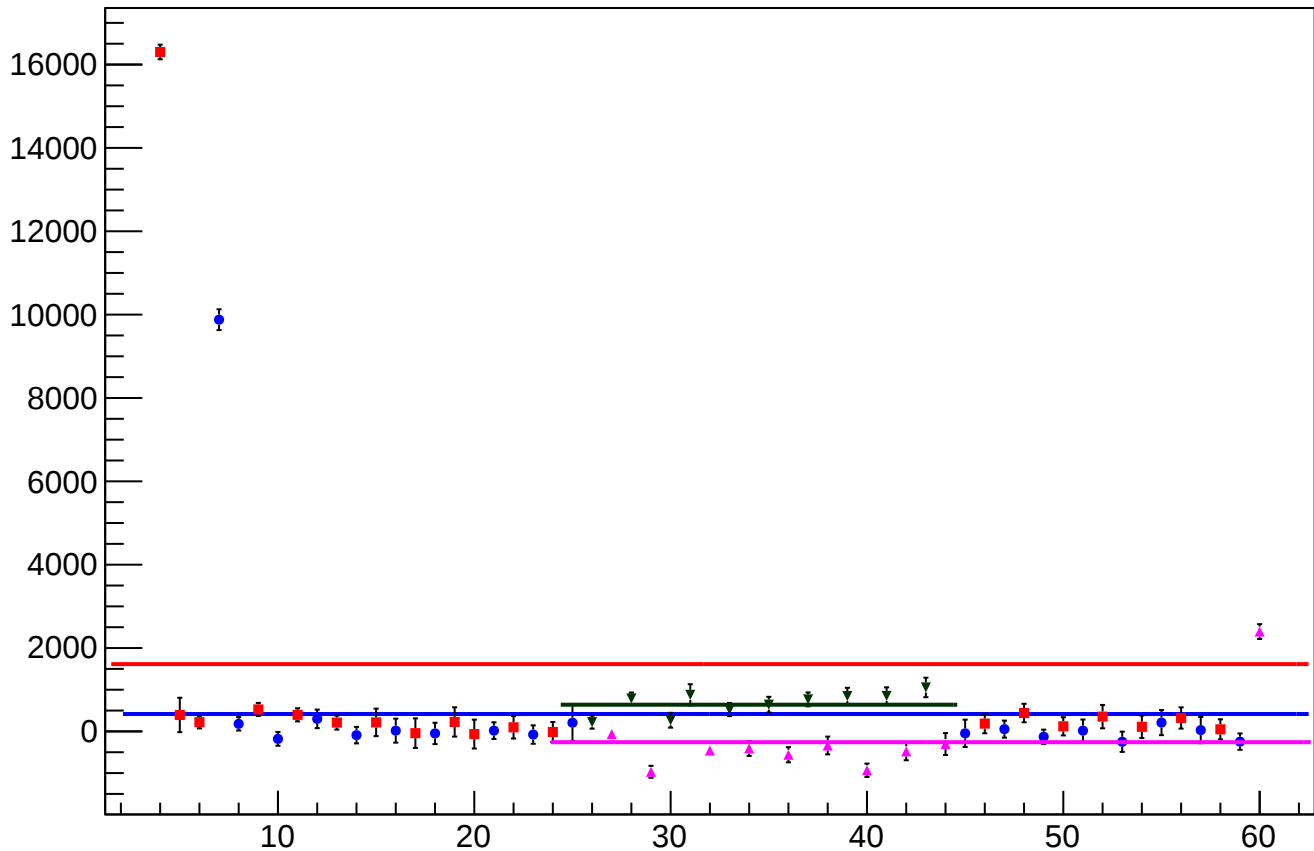
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.952+/-0.000 χ^2/NDF : 414584.3/9

1.042+/-0.000 χ^2/NDF : 1788655.4/27

1.048+/-0.000 χ^2/NDF : 1808185.9/28

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 640.376+/-56.927 χ^2/NDF :19.9/9

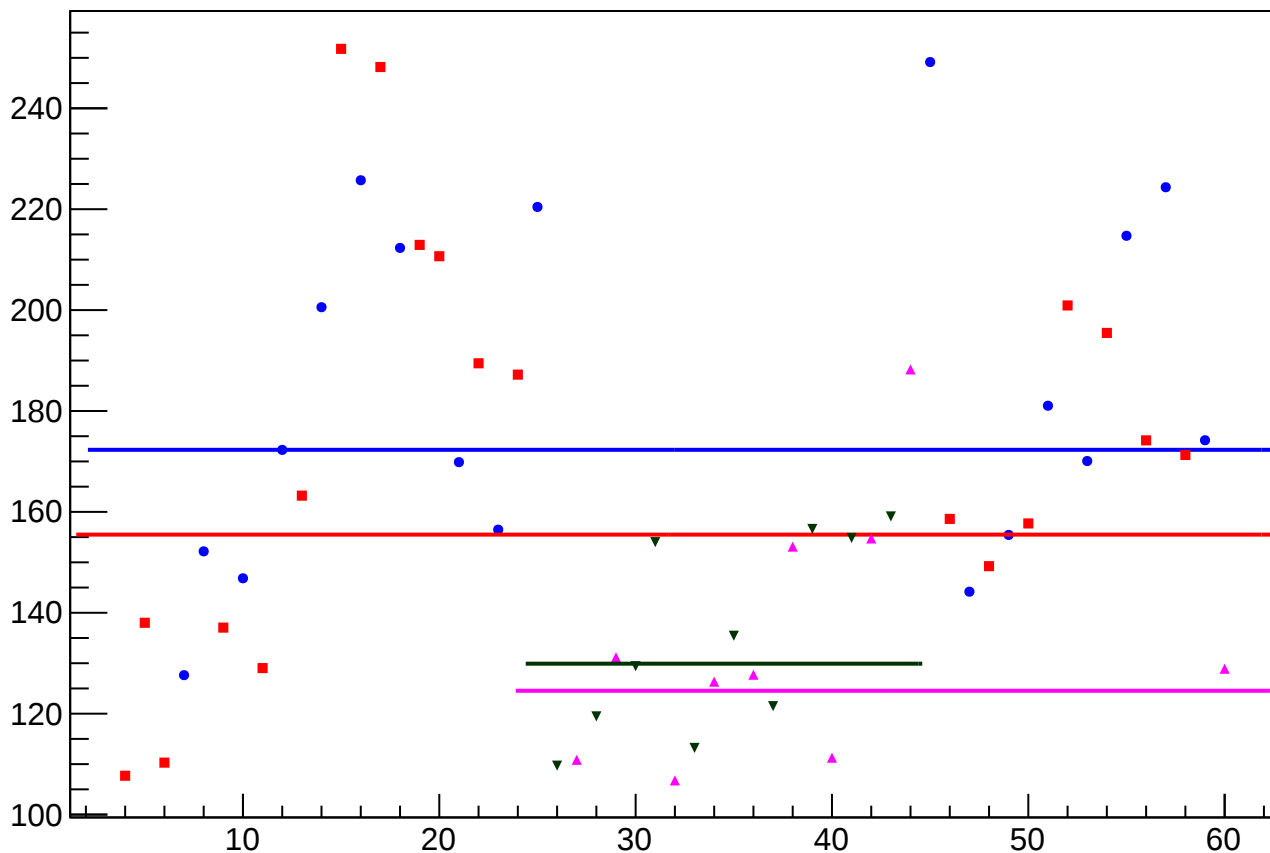
520.053+/-38.647 χ^2/NDF : 1536.2/27

Right Out: 1614.499+/-51.138 χ^2/NDF : 7665.3/18

676.667+/-36.137 χ^2/NDF : 8611.8/28

Left In: -258.794+/-51.074 χ^2/NDF :274.6/9

asym_bcm0l02_rms vs slug



Right In: 172.303+/-0.037 χ^2/NDF : 600813.3/17

Left Out: 129.911+/-0.040 χ^2/NDF :188039.4/9

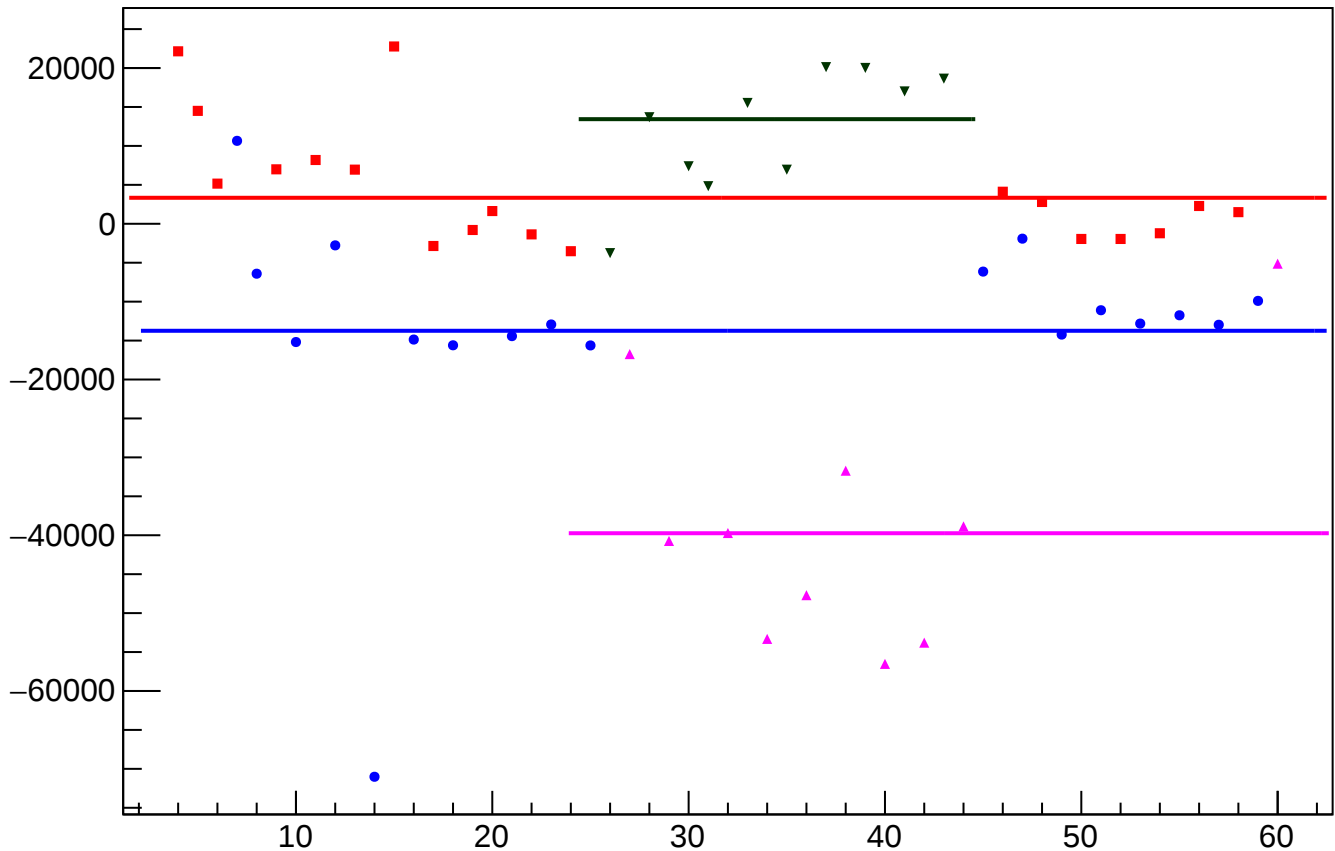
Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

Left In: 124.540+/-0.036 χ^2/NDF :286845.3/9

152.765+/-0.027 χ^2/NDF : 1386784.9/27

139.997+/-0.026 χ^2/NDF : 1672434.3/28

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 13435.021+/-42.371 χ^2/NDF : 28229.6/9

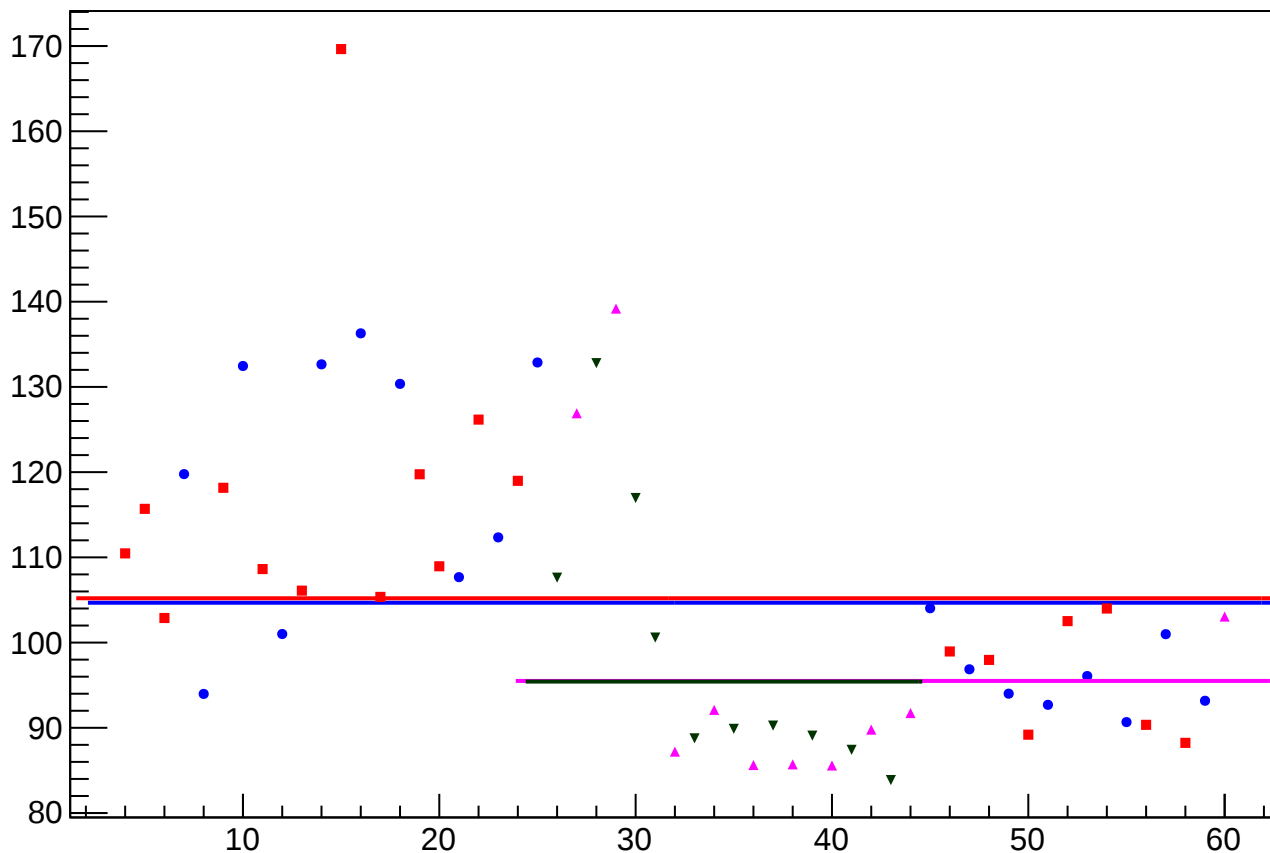
-3850.011+/-25.563 χ^2/NDF : 512071.9/27

Right Out: 3338.926+/-34.258 χ^2/NDF : 31361.1/18

-14968.236+/-25.978 χ^2/NDF : 835901.3/28

Left In: -39740.803+/-39.850 χ^2/NDF : 132520.8/9

asym_bpm2i01WS_rms vs slug



Right In: 104.677 ± 0.023 χ^2/NDF : 431749.6/17

Left Out: 95.426 ± 0.030 χ^2/NDF : 200660.2/9

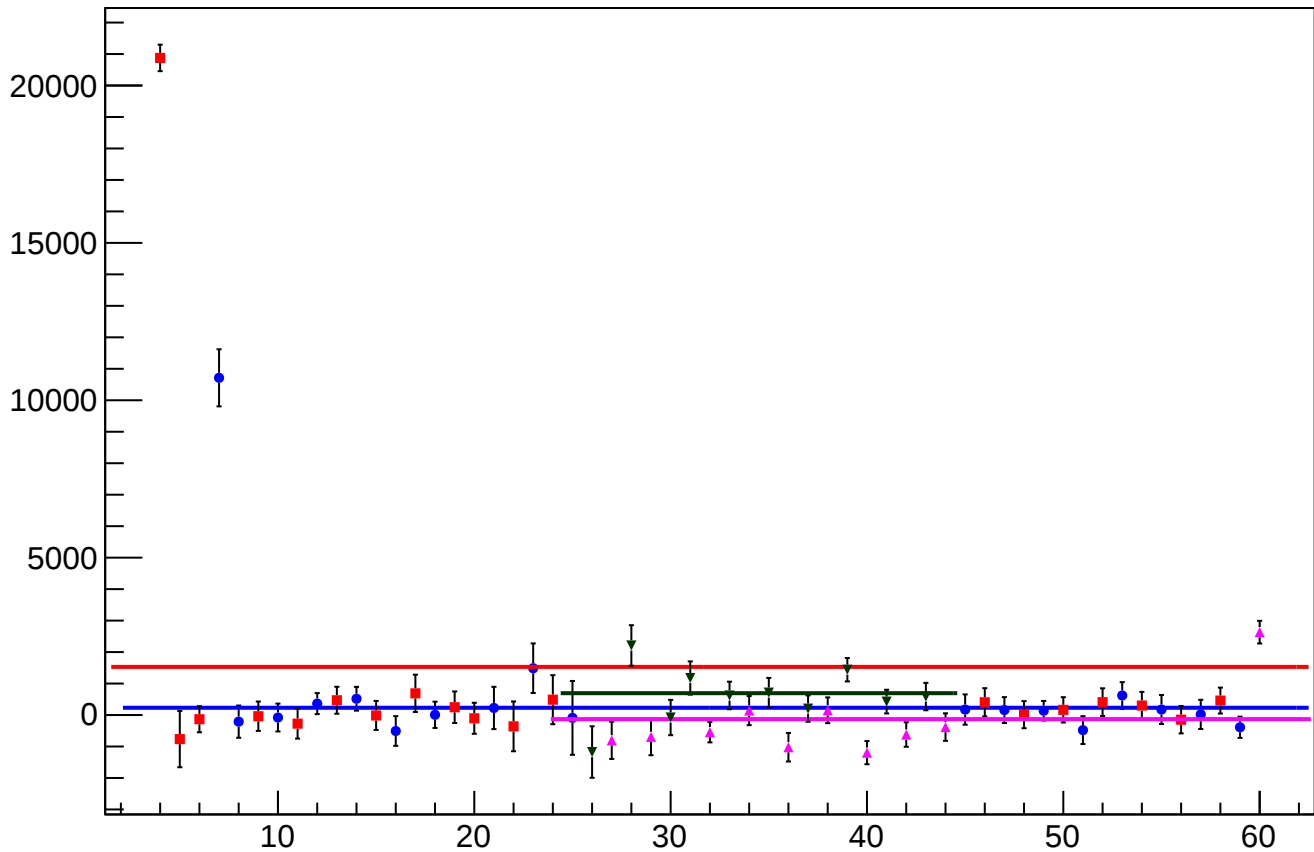
Right Out: 105.200 ± 0.024 χ^2/NDF : 336723.5/18

Left In: 95.501 ± 0.028 χ^2/NDF : 320452.3/9

101.310 ± 0.018 χ^2/NDF : 693051.0/27

101.078 ± 0.018 χ^2/NDF : 725313.0/28

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 693.815+/-147.932 χ^2/NDF : 19.5/9

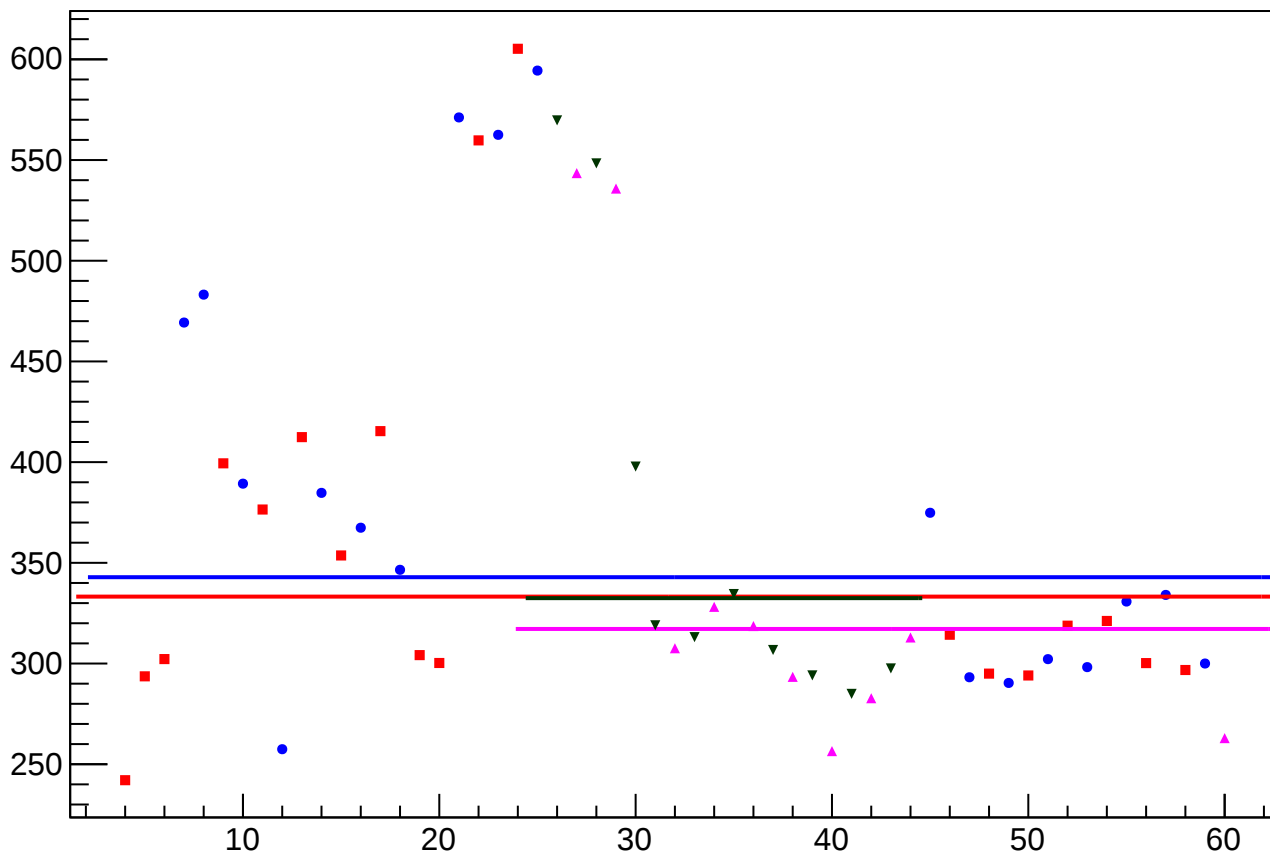
386.490+/-85.751 χ^2/NDF : 173.9/27

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

855.742+/-83.963 χ^2/NDF : 2445.8/28

Left In: -129.030+/-131.760 χ^2/NDF : 77.7/9

asym_bpm0i07WS_rms vs slug



Right In: 342.865 ± 0.074 χ^2/NDF : 1018623.1/17

Left Out: 332.466 ± 0.105 χ^2/NDF : 498518.7/9

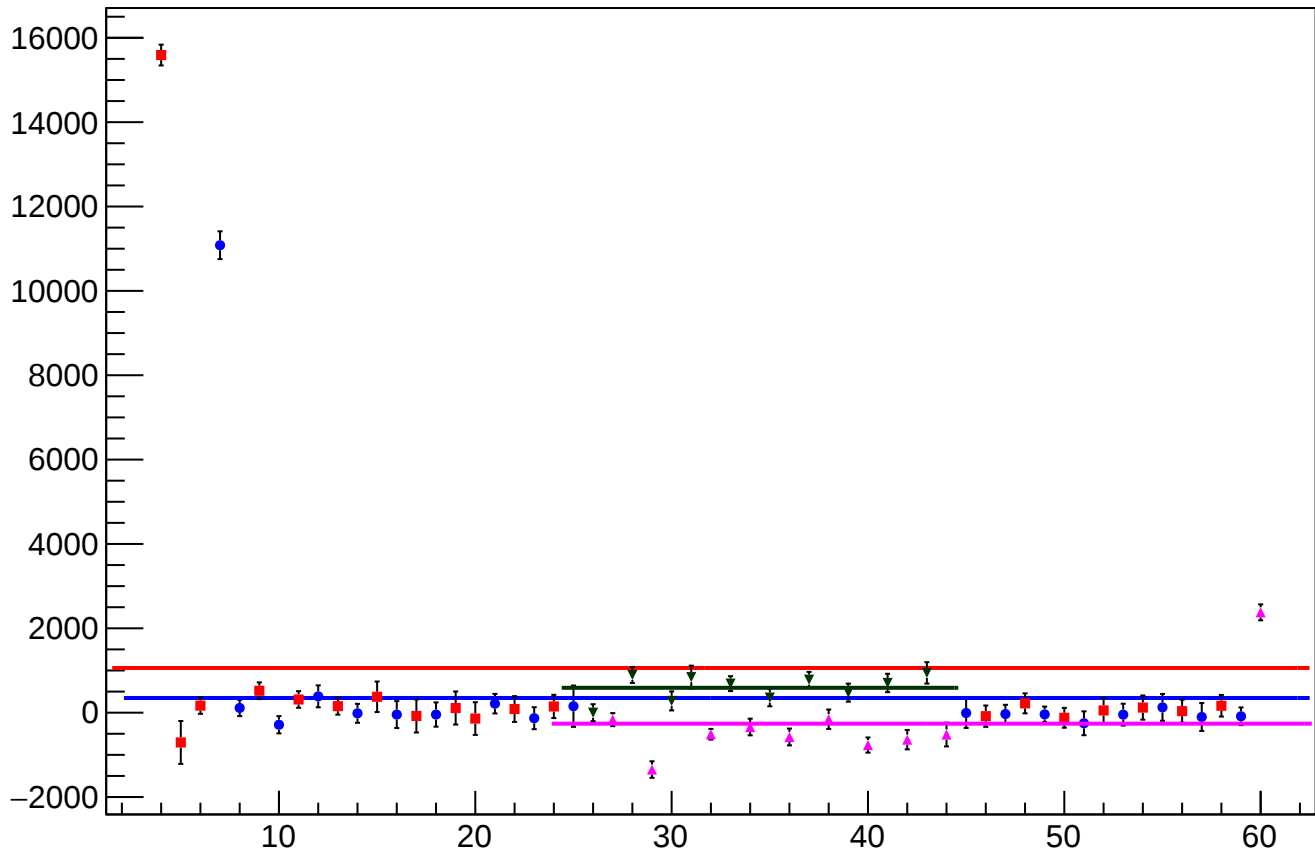
Right Out: 333.230 ± 0.077 χ^2/NDF : 768934.3/18

Left In: 317.166 ± 0.093 χ^2/NDF : 698986.0/9

339.371 ± 0.061 χ^2/NDF : 1523704.2/27

326.707 ± 0.059 χ^2/NDF : 1485577.1/28

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF : 1103.2/17

Left Out: 589.690+/-66.057 χ^2/NDF : 19.1/9

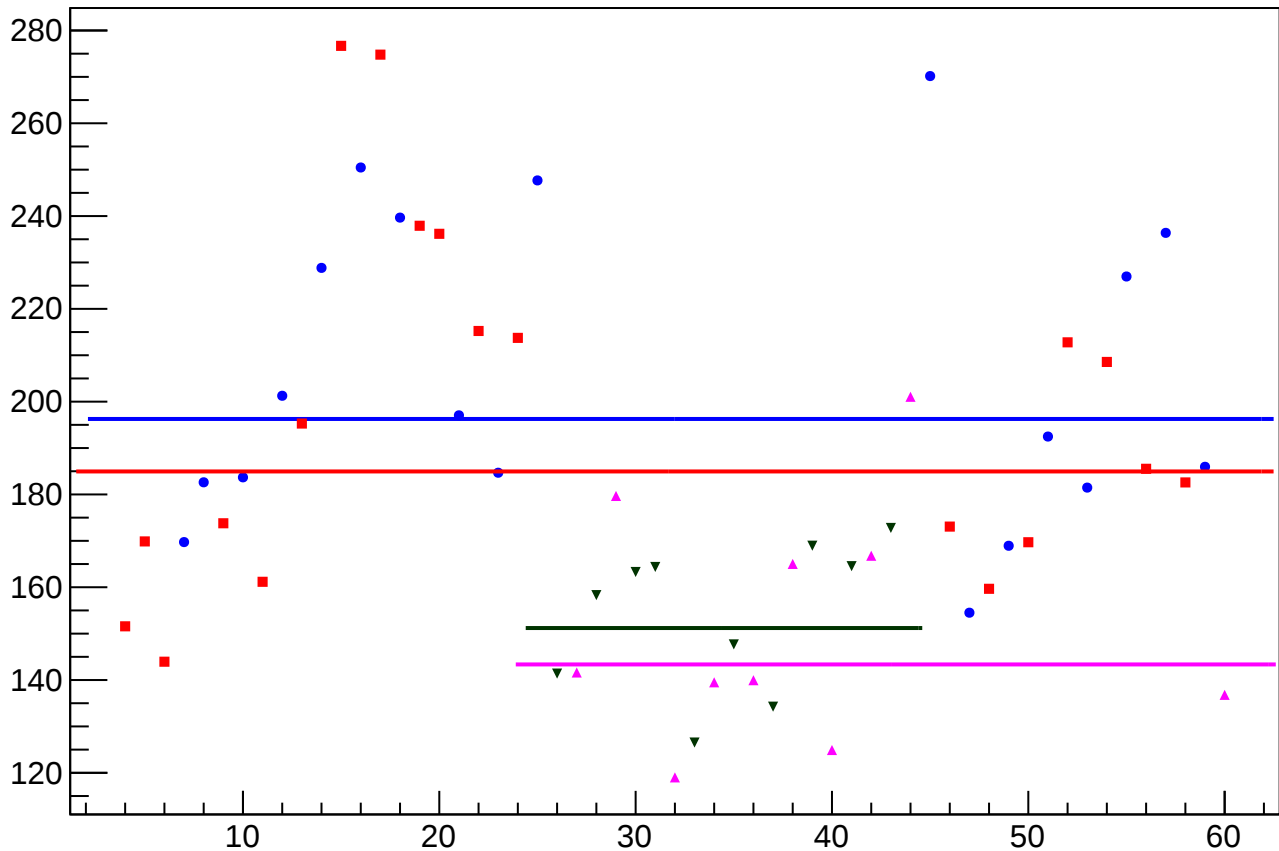
456.655+/-44.269 χ^2/NDF : 1129.7/27

Right Out: 1059.962+/-60.034 χ^2/NDF : 3708.7/18

384.667+/-41.967 χ^2/NDF : 4201.1/28

Left In: -260.700+/-58.689 χ^2/NDF : 244.9/9

asym_bpm0l01WS_rms vs slug



Right In: 196.269 $\pm$ 0.042 χ^2 /NDF: 466122.9/17

Left Out: 151.207 $\pm$ 0.047 χ^2 /NDF:110209.2/9

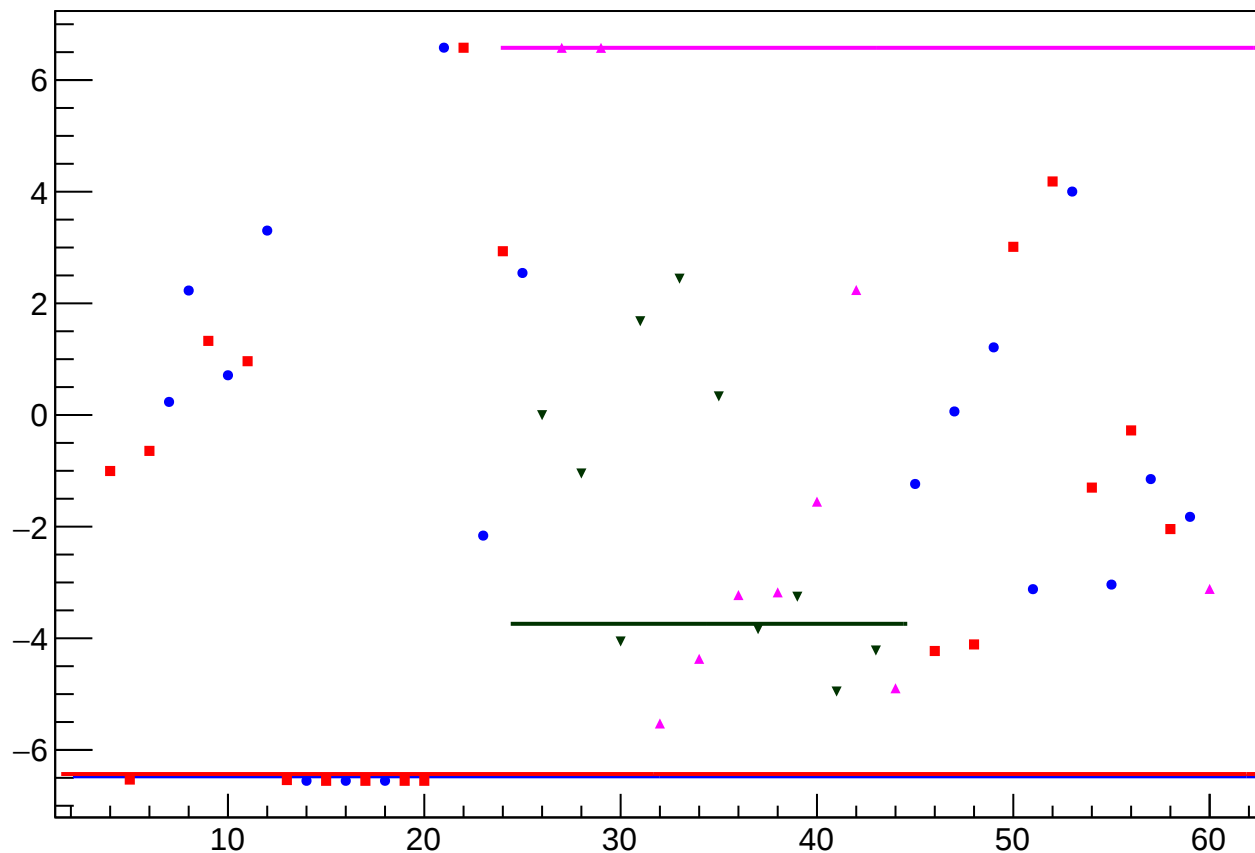
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 143.361 $\pm$ 0.041 χ^2 /NDF:290411.5/9

176.031 $\pm$ 0.031 χ^2 /NDF: 1089046.4/27

163.687 $\pm$ 0.030 χ^2 /NDF: 1361999.5/28

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.741+/-0.001 χ^2/NDF : 5731885.1/9

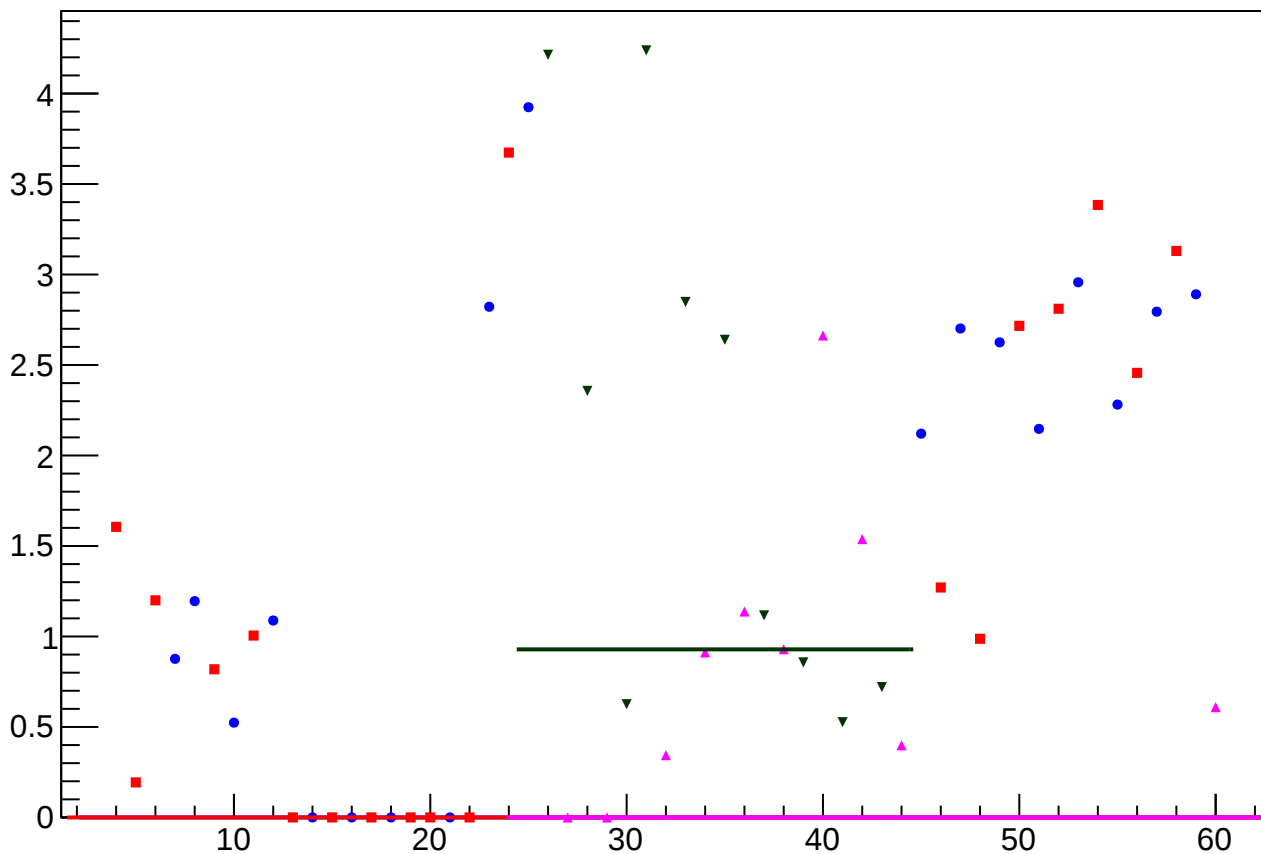
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.578+/-0.000 χ^2/NDF : 902219424.6/9

-6.473+/-0.000 χ^2/NDF : 127847973705720.4/2

-6.315+/-0.000 χ^2/NDF : 297092137425582.8/2

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 0.929+/-0.000 χ^2/NDF : 2482114.1/9

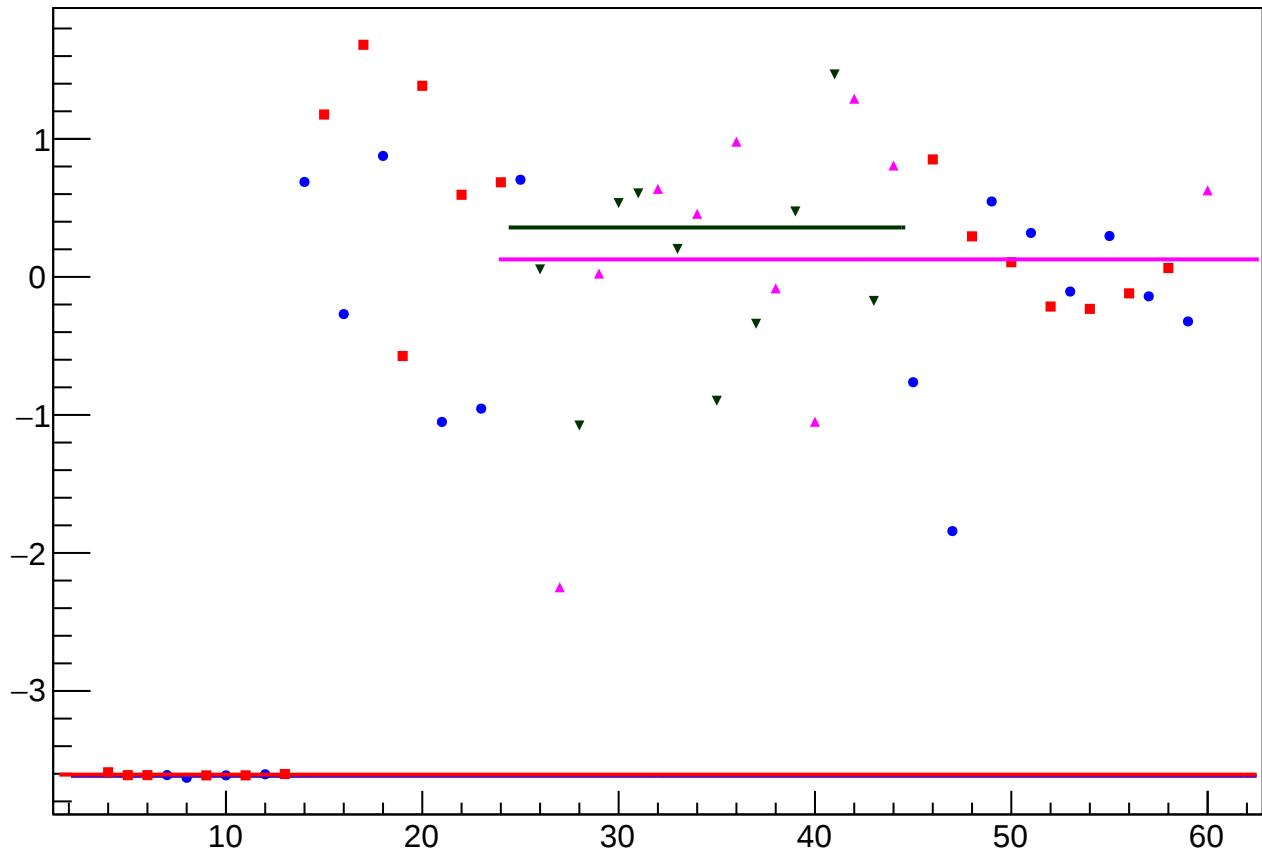
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 5258580.3/9

0.000+/-0.000 χ^2/NDF : 18705398.2/27

0.000+/-0.000 χ^2/NDF : 14885261.1/28

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

-3.614+/-0.000 χ^2/NDF : 49240296512.7/27

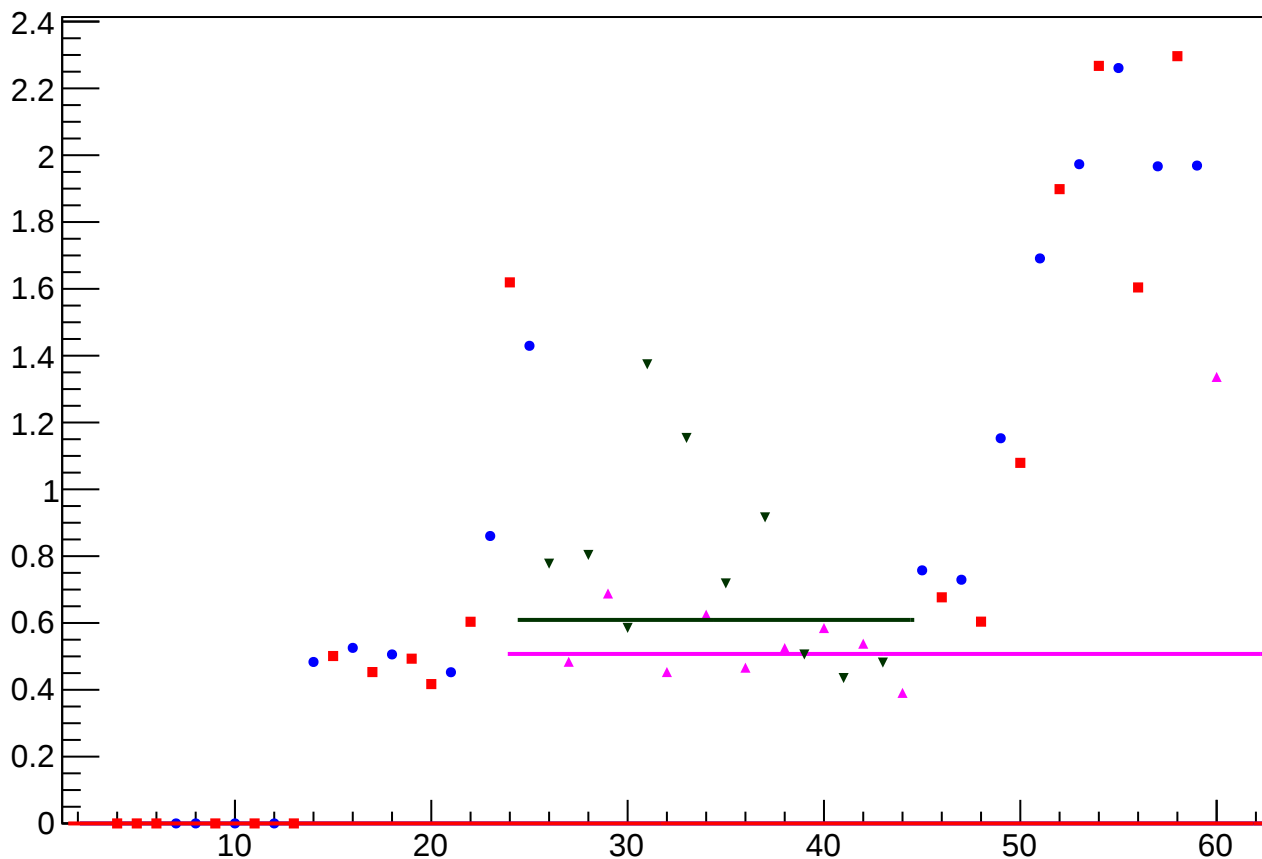
Left Out: 0.358+/-0.000 χ^2/NDF : 6673360.6/9

Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

-3.606+/-0.000 χ^2/NDF : 38037124020.0/28

Left In: 0.127+/-0.000 χ^2/NDF : 20189415.7/9

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13780215.8/17

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

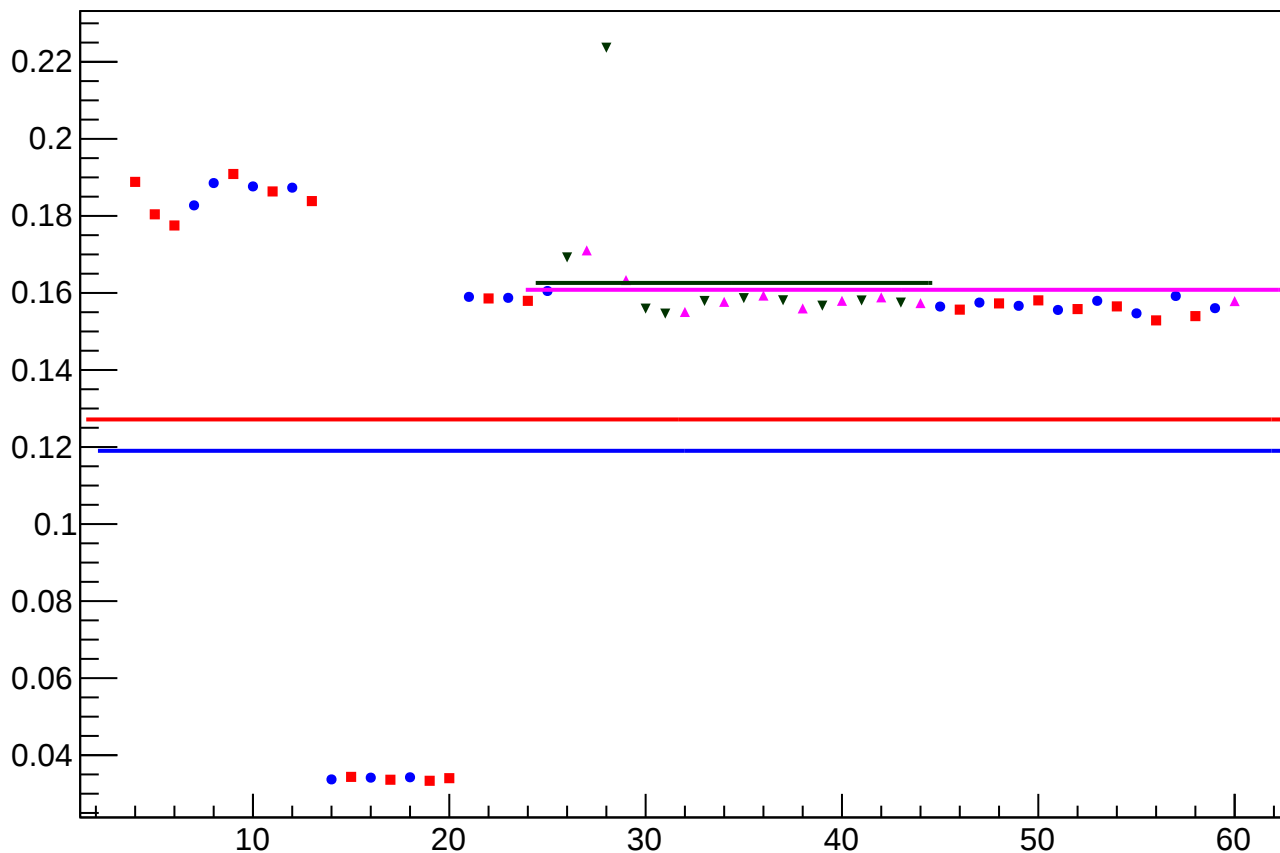
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.507+/-0.000 χ^2/NDF : 591961.7/9

0.000+/-0.000 χ^2/NDF : 21517587.7/27

0.000+/-0.000 χ^2/NDF : 19401686.7/28

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 :101593637.2/9

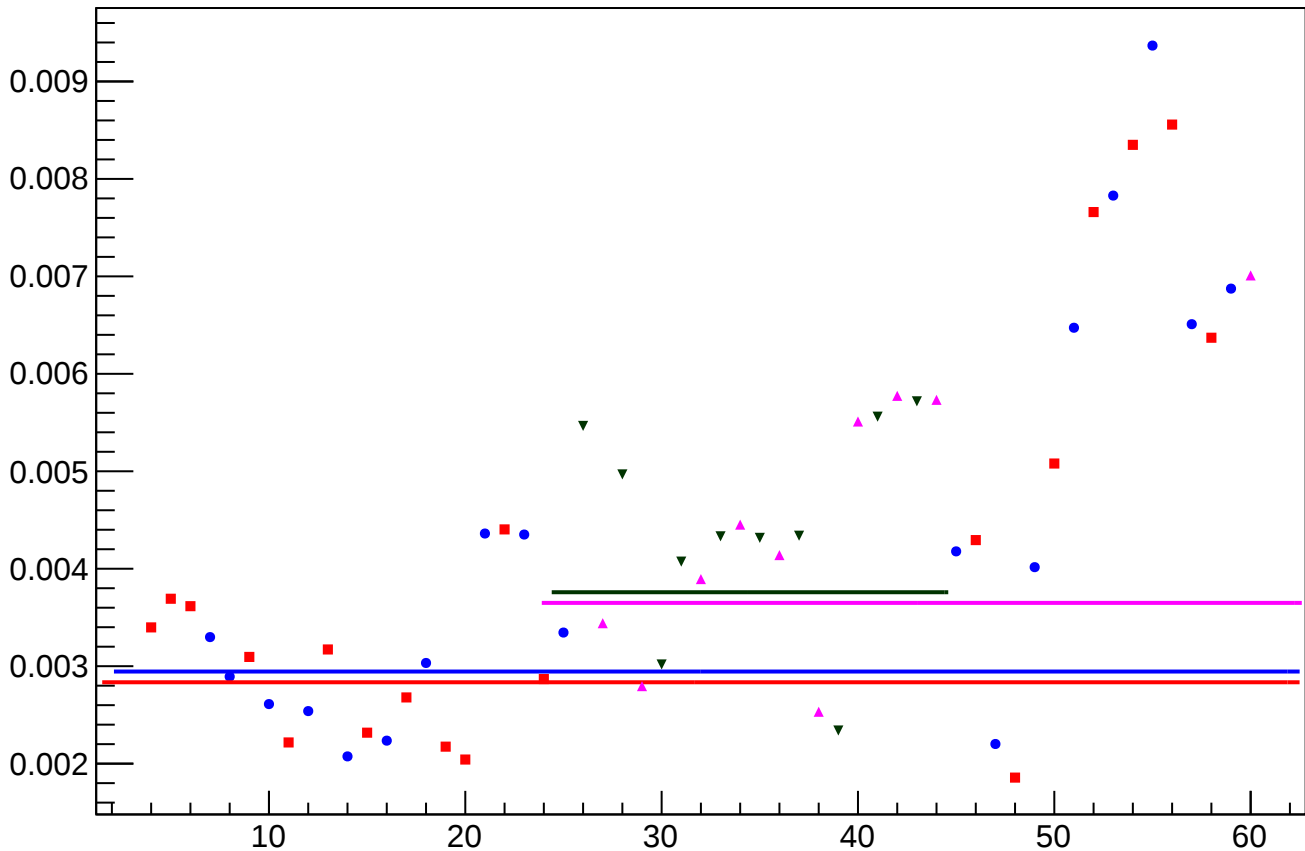
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.161+/-0.000 χ^2/NDF :11759184.6/9

0.129+/-0.000 χ^2/NDF : 5547092229.2/27

0.137+/-0.000 χ^2/NDF : 4760632106.9/28

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 :884952.0/9

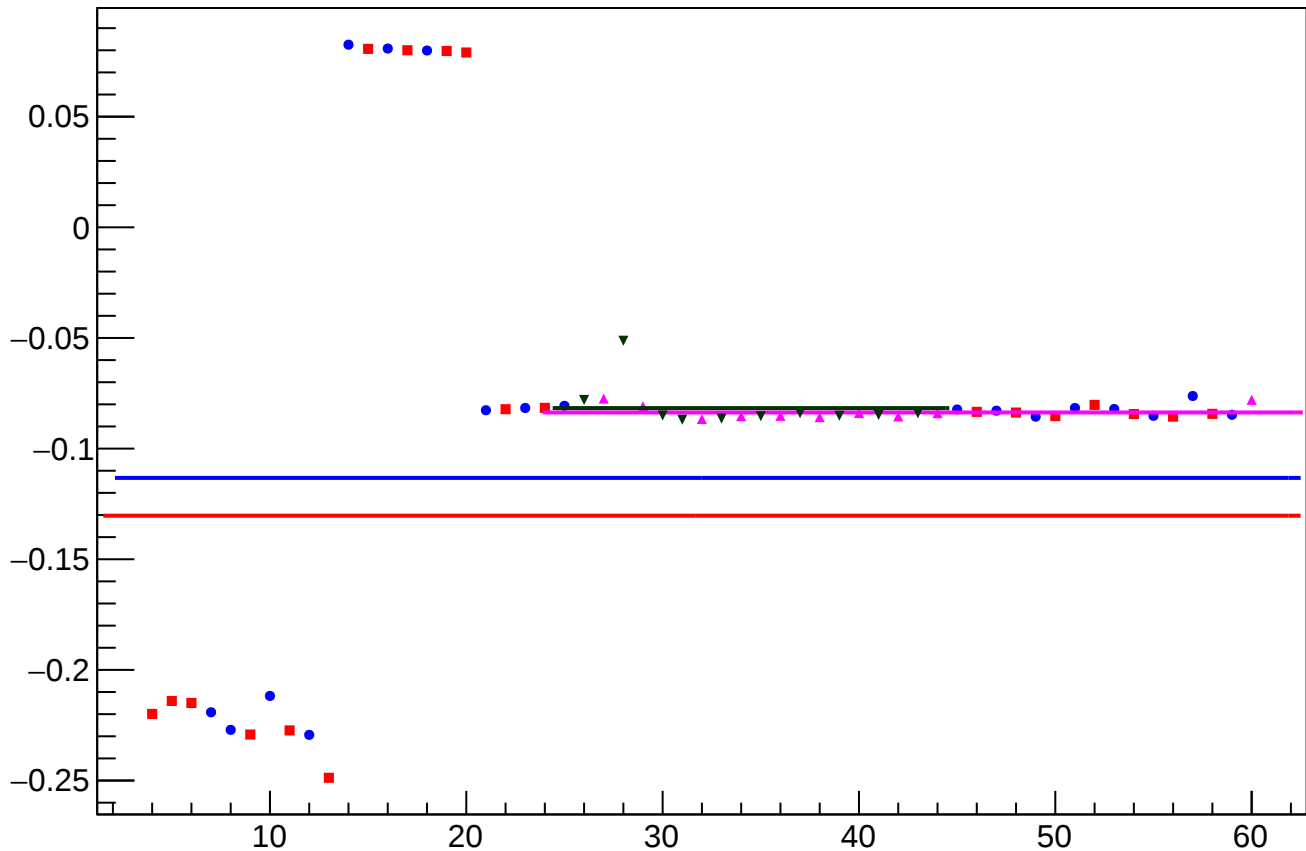
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :982402.1/9

0.003+/-0.000 χ^2/NDF : 4198553.0/27

0.003+/-0.000 χ^2/NDF : 4057023.3/28

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 : 35856752.9/9

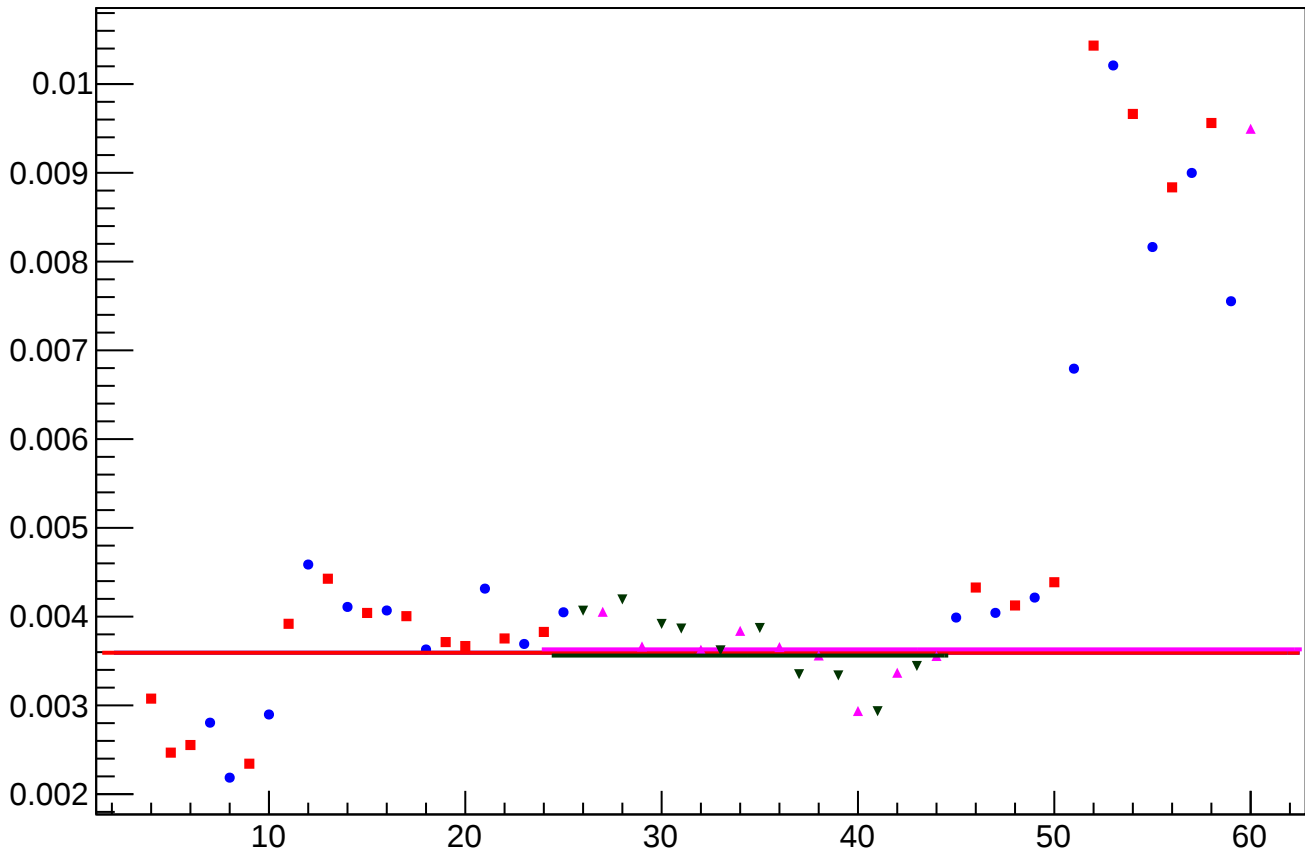
-0.102 ± 0.000 χ^2/NDF : 9985183177.8/27

Right Out: -0.130 ± 0.000 χ^2/NDF : 8867144829.5/18

-0.111 ± 0.000 χ^2/NDF : 9428402163.6/28

Left In: -0.084 ± 0.000 χ^2/NDF : 3665128.6/9

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 :124023.6/9

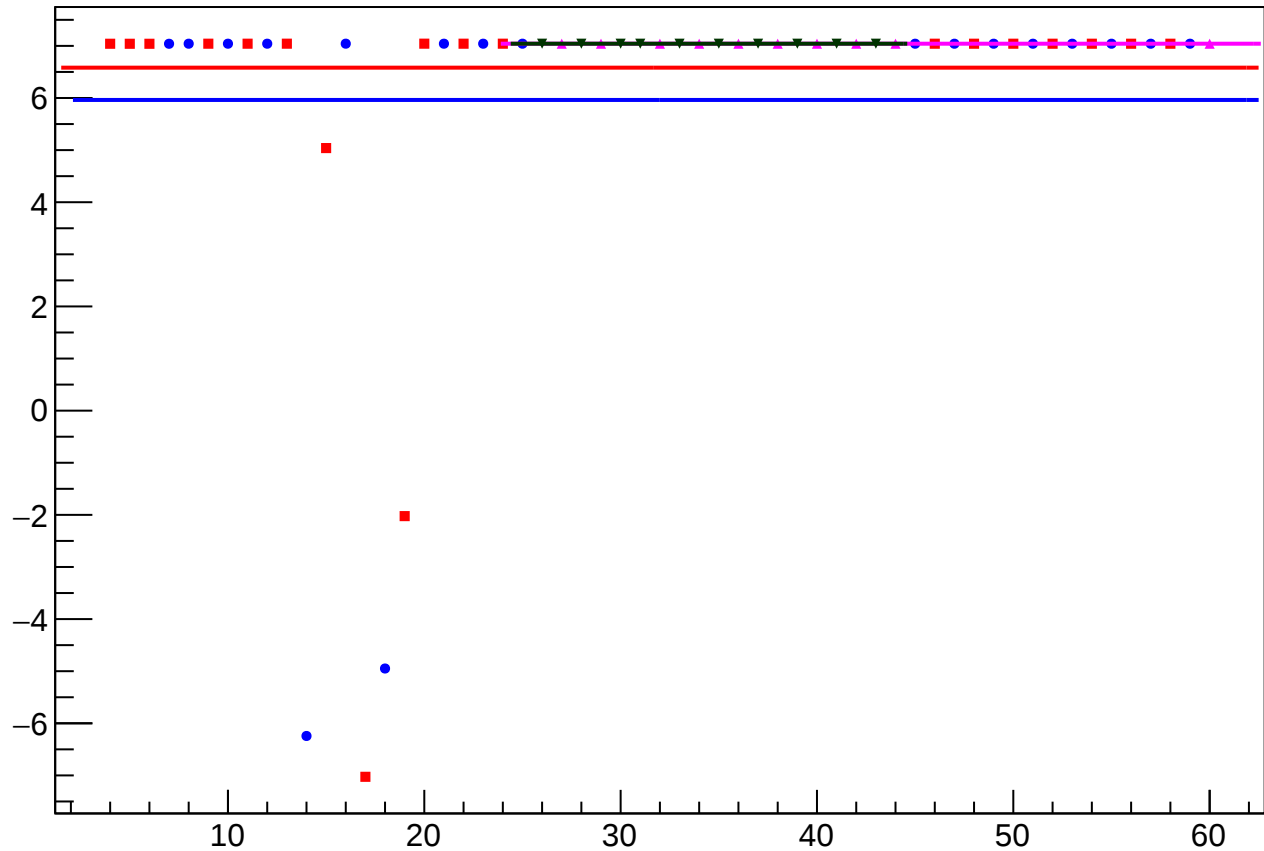
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :381149.7/9

0.004+/-0.000 χ^2/NDF : 2760945.5/27

0.004+/-0.000 χ^2/NDF : 2607250.8/28

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: 765209.6/9

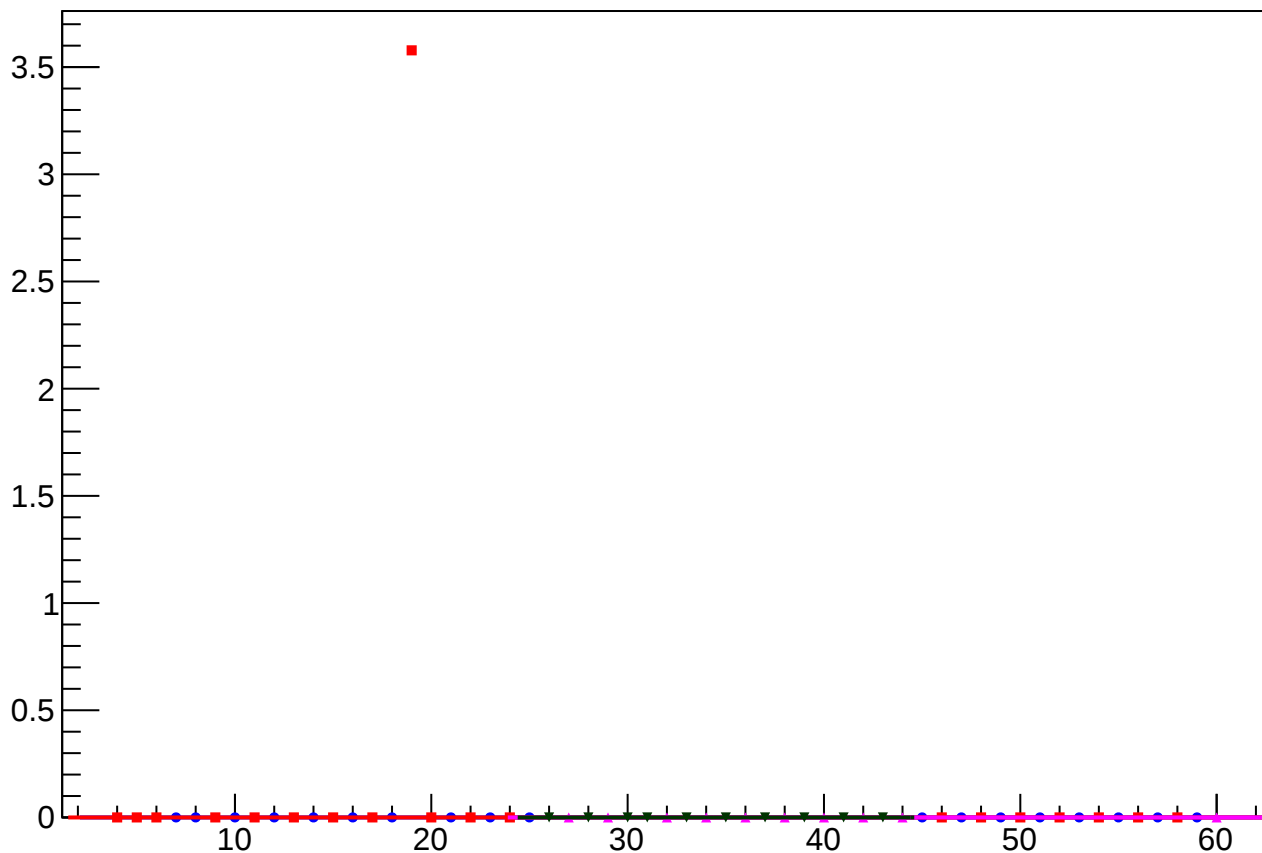
6.353 $\pm$ 0.000 χ^2 /NDF: 4766650092102185.0/2

Right Out: 6.582 $\pm$ 0.000 χ^2 /NDF: 1856853993700647.2/18

6.783 $\pm$ 0.000 χ^2 /NDF: 1885104916910423.0/2

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 986136.5/9

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 :1535.6/9

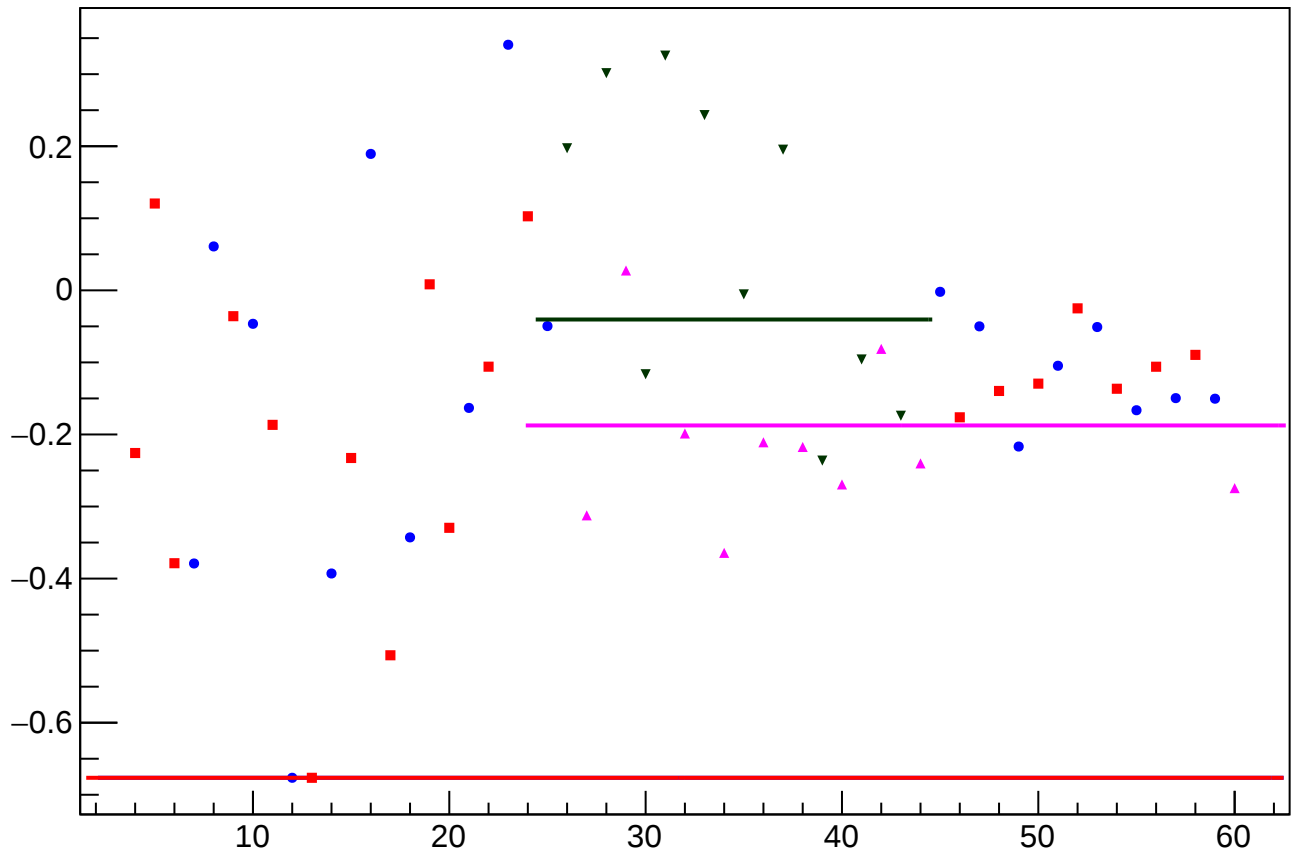
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF :1824.2/9

0.000+/-0.000 χ^2/NDF : 7188.1/27

0.000+/-0.000 χ^2/NDF : 702895.1/28

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.040+/-0.000 χ^2/NDF : 16704113.3/9

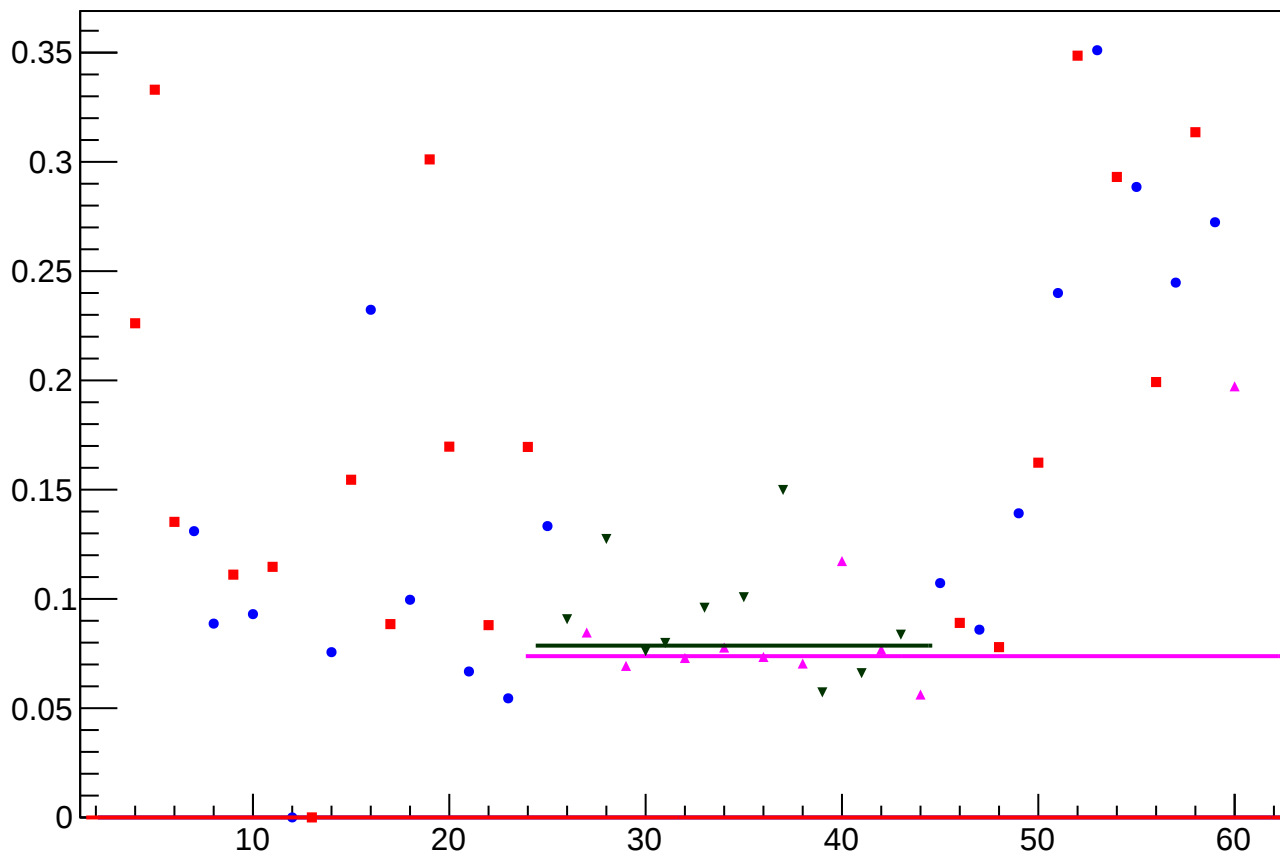
-0.676+/-0.000 χ^2/NDF : 471103830.9/27

Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

-0.676+/-0.000 χ^2/NDF : 269263289.1/28

Left In: -0.187+/-0.000 χ^2/NDF : 8432034.5/9

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

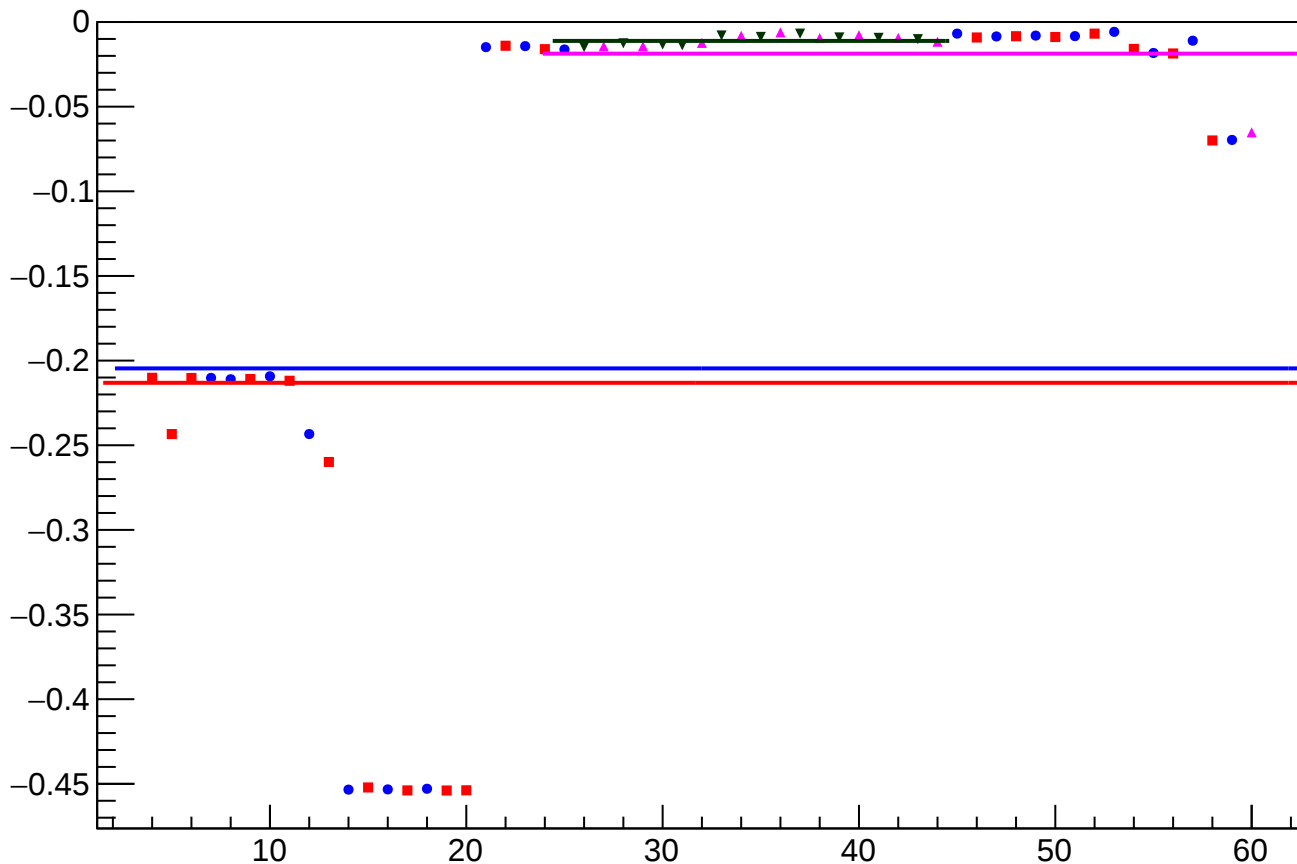
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.074+/-0.000 χ^2/NDF : 462771.5/9

0.000+/-0.000 χ^2/NDF : 22387603.4/27

0.000+/-0.000 χ^2/NDF : 21458805.8/28

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.011+/-0.000 χ^2/NDF : 401443.1/9

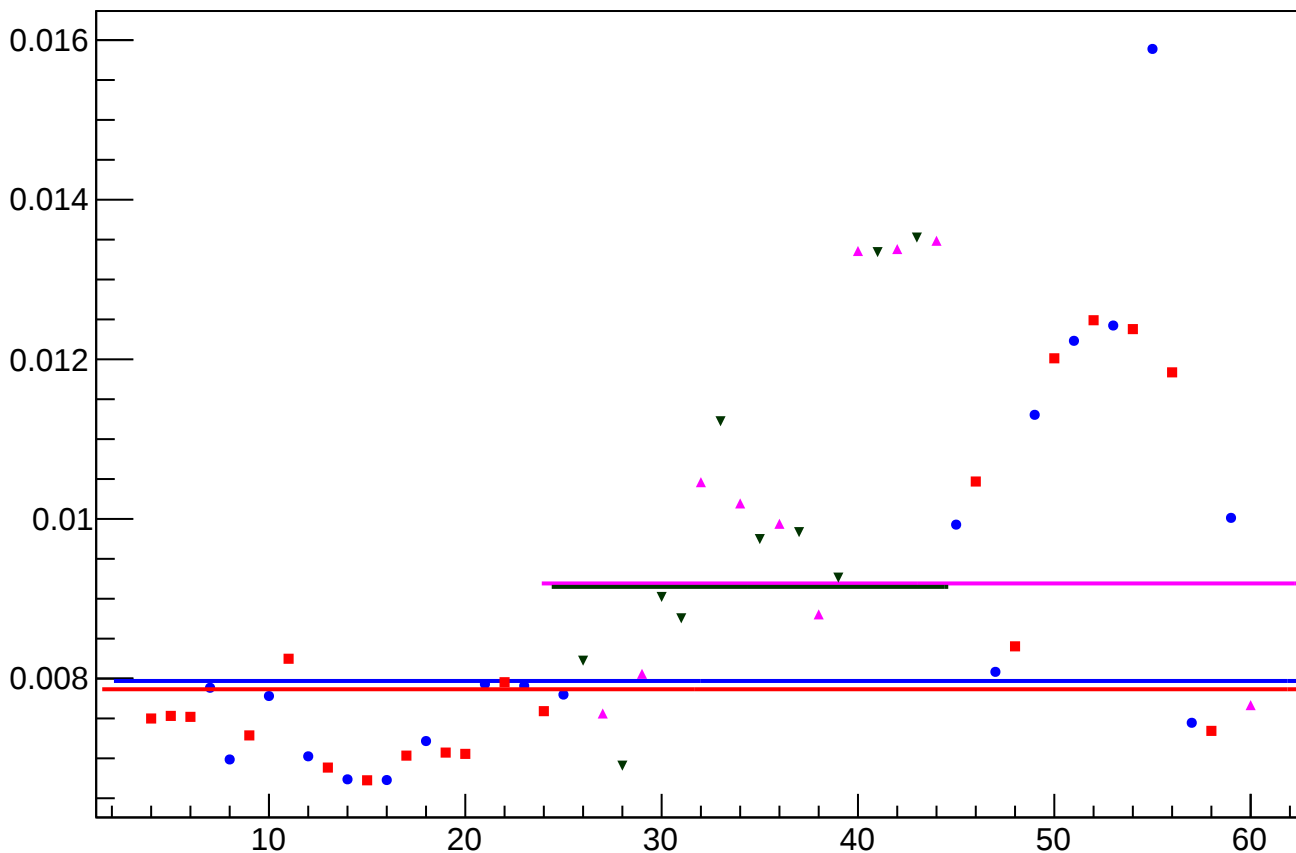
Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

Left In: -0.019+/-0.000 χ^2/NDF : 22891933.2/9

-0.153+/-0.000 χ^2/NDF : 7193544532.1/27

-0.153+/-0.000 χ^2/NDF : 5962960867.7/28

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 : 410320.9/9

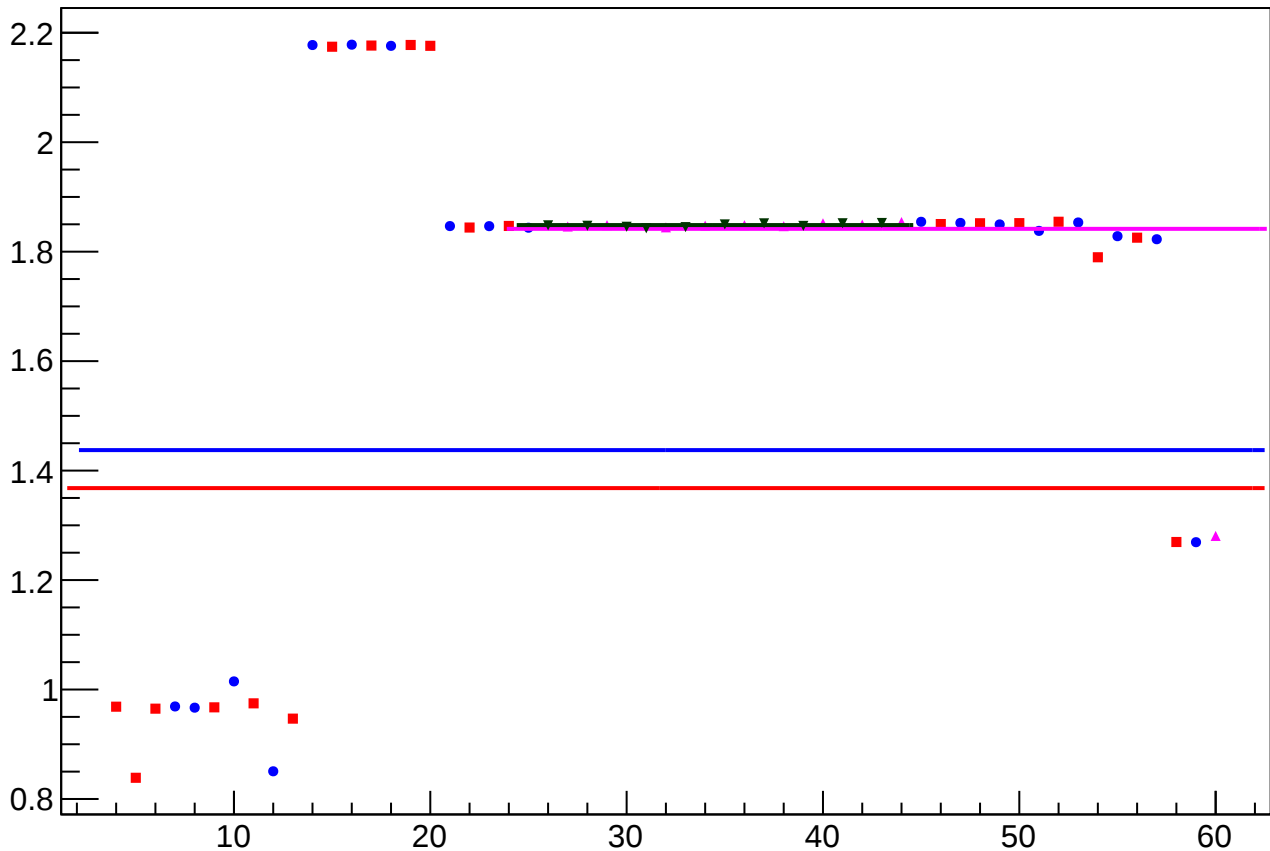
Right Out: 0.008+/-0.000 χ^2/NDF : 696189.4/18

Left In: 0.009+/-0.000 χ^2/NDF : 497237.3/9

0.008+/-0.000 χ^2/NDF : 1476912.3/27

0.008+/-0.000 χ^2/NDF : 1360651.9/28

yield_bpm4aY_mean vs slug



Right In: 1.437 $\pm$ 0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.849 $\pm$ 0.000 χ^2/NDF : 239961.3/9

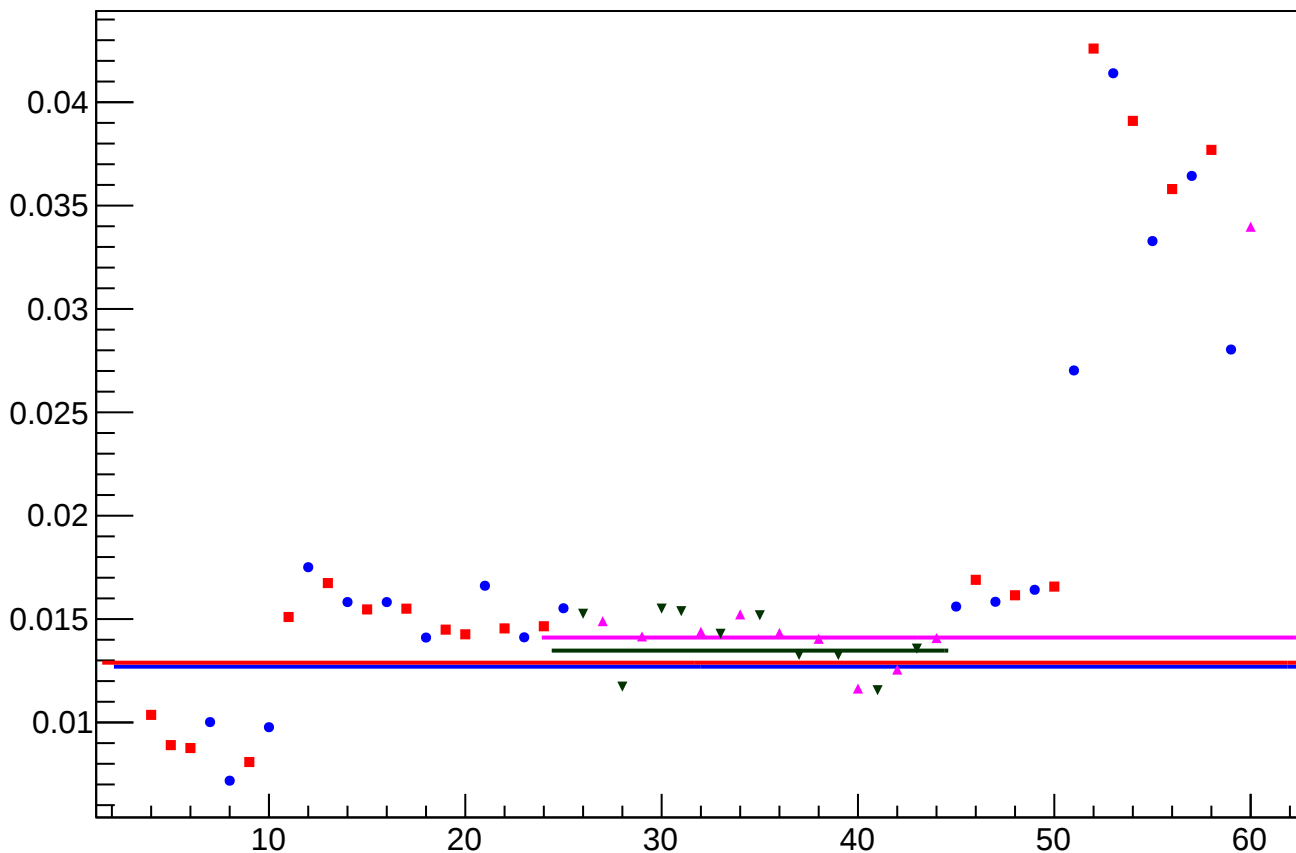
1.576 $\pm$ 0.000 χ^2/NDF : 17345202850.9/27

Right Out: 1.368 $\pm$ 0.000 χ^2/NDF : 12592500418.8/18

1.545 $\pm$ 0.000 χ^2/NDF : 16738059594.7/28

Left In: 1.842 $\pm$ 0.000 χ^2/NDF : 107534176.9/9

yield_bpm4aY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 3534875.5/17

Left Out: 0.013+/-0.000 χ^2/NDF :115364.2/9

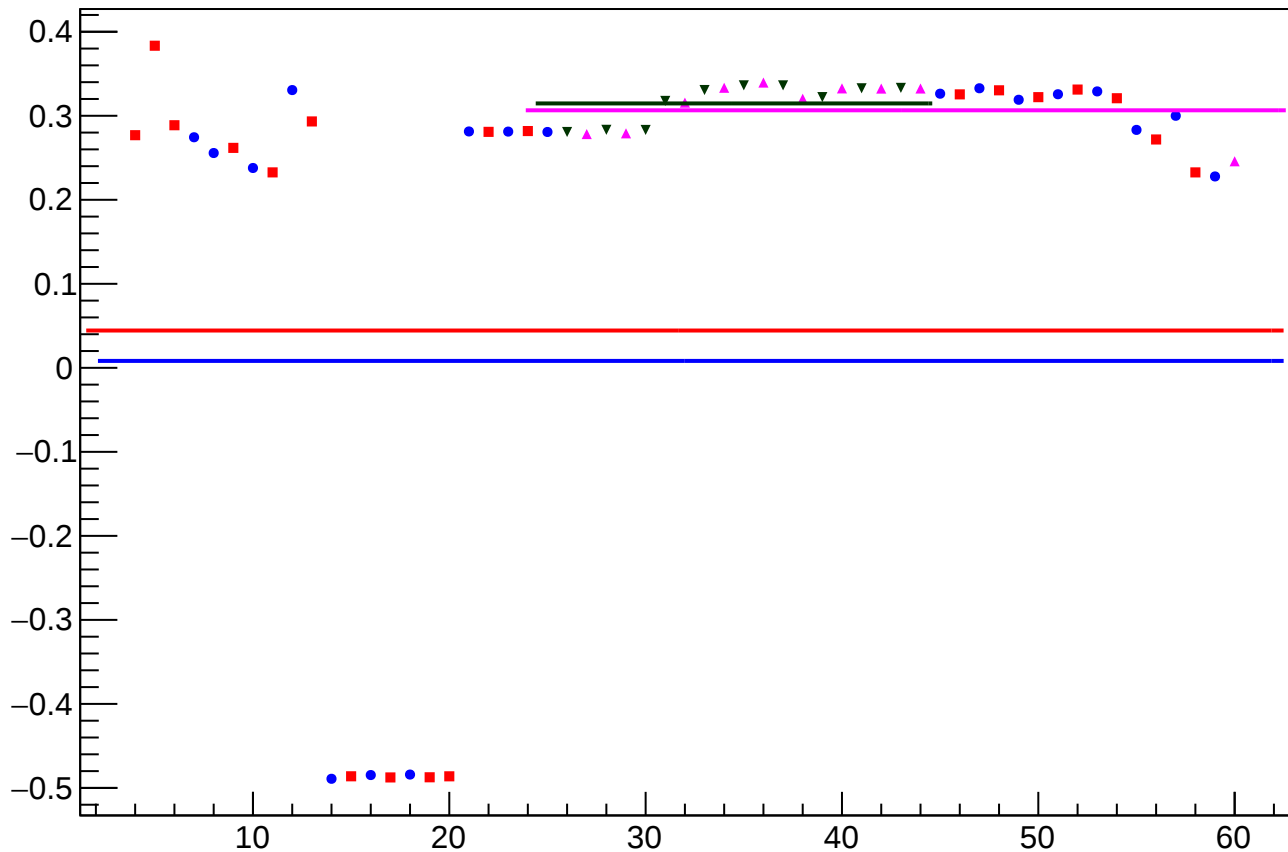
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.014+/-0.000 χ^2/NDF :335806.6/9

0.013+/-0.000 χ^2/NDF : 3672406.4/27

0.013+/-0.000 χ^2/NDF : 3203645.5/28

yield_bpm4eX_mean vs slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 3589016563.4/17

Left Out: 0.315 $\pm$ 0.000 χ^2 /NDF: 5189197.9/9

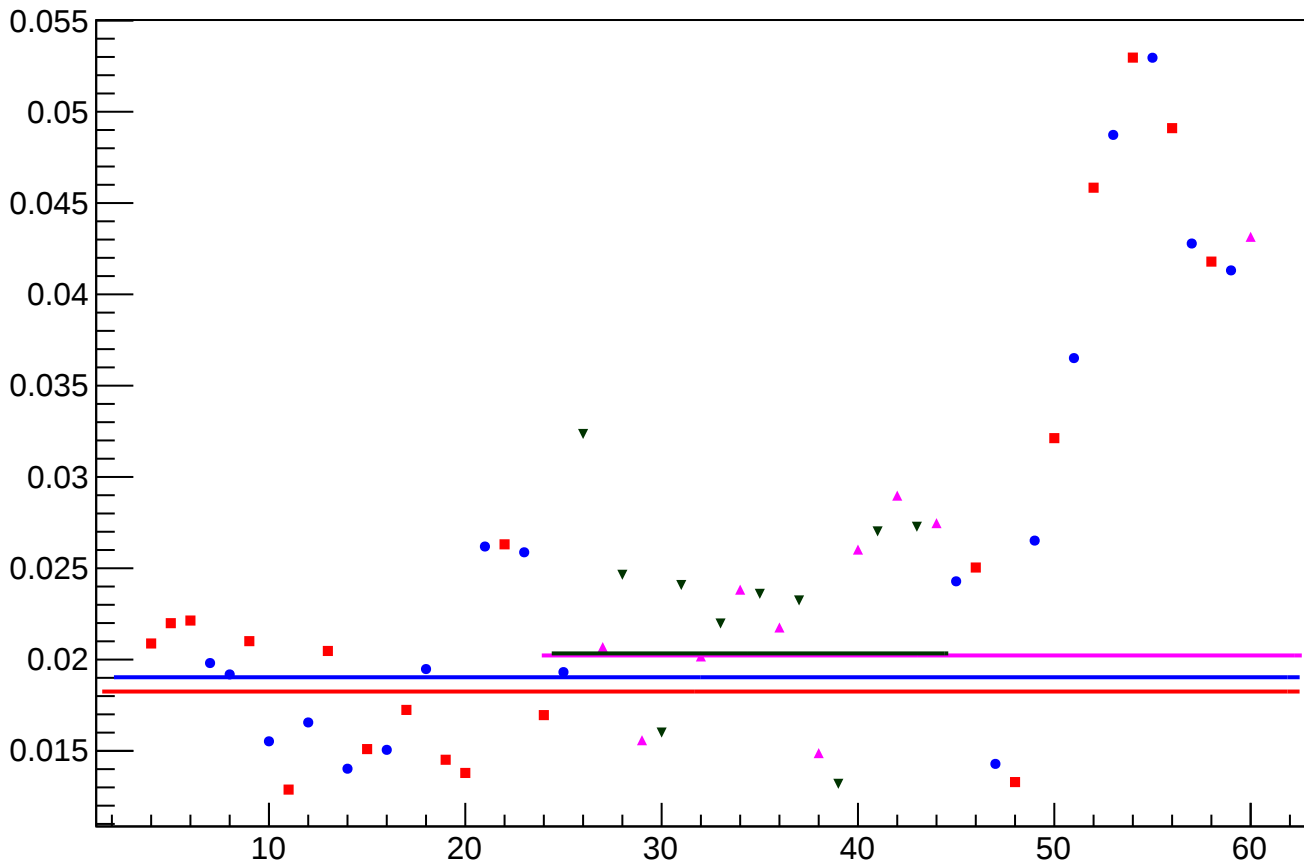
0.102 $\pm$ 0.000 χ^2 /NDF: 4331811545.5/27

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 3156873410.8/18

0.135 $\pm$ 0.000 χ^2 /NDF: 3754041571.9/28

Left In: 0.307 $\pm$ 0.000 χ^2 /NDF: 8361241.8/9

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.020+/-0.000 χ^2/NDF : 733336.7/9

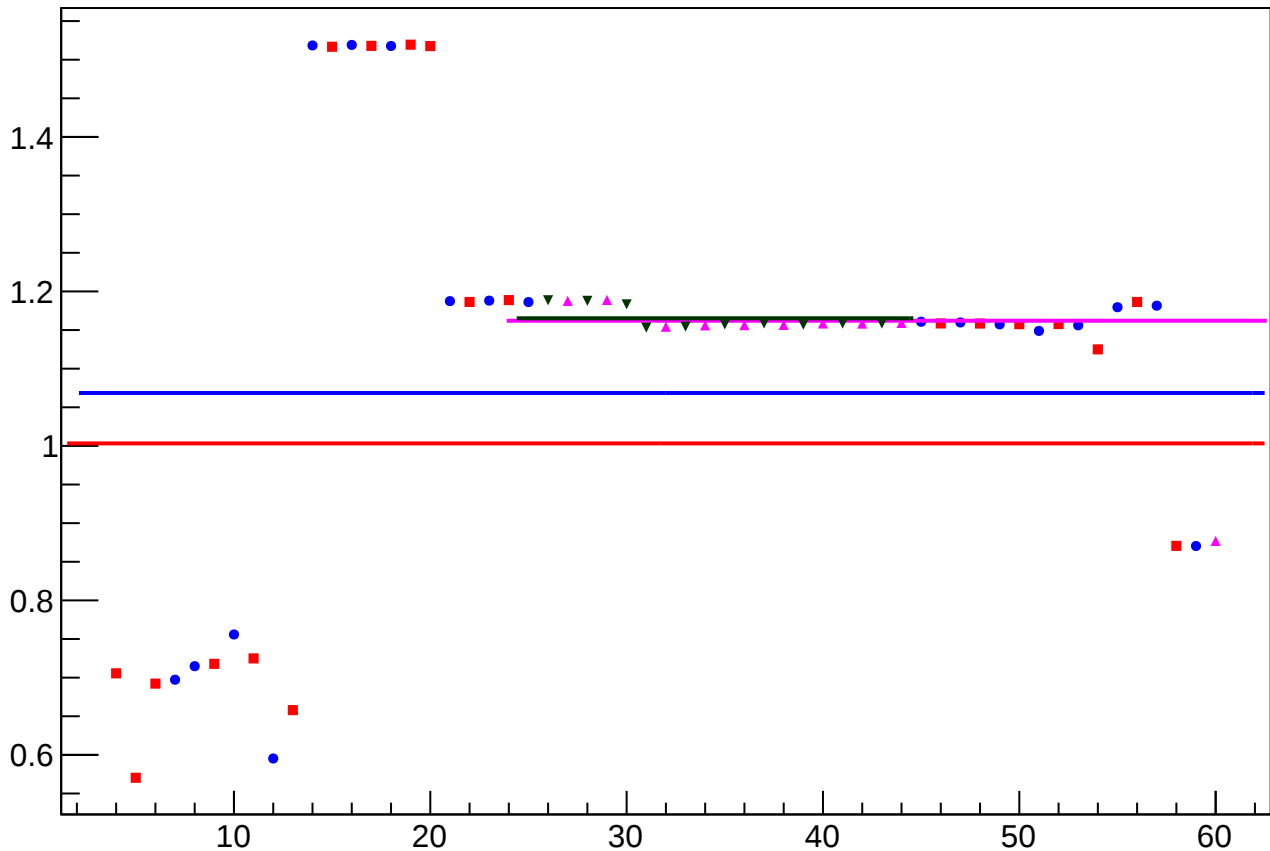
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.020+/-0.000 χ^2/NDF : 761136.9/9

0.019+/-0.000 χ^2/NDF : 3354902.4/27

0.019+/-0.000 χ^2/NDF : 3313457.7/28

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

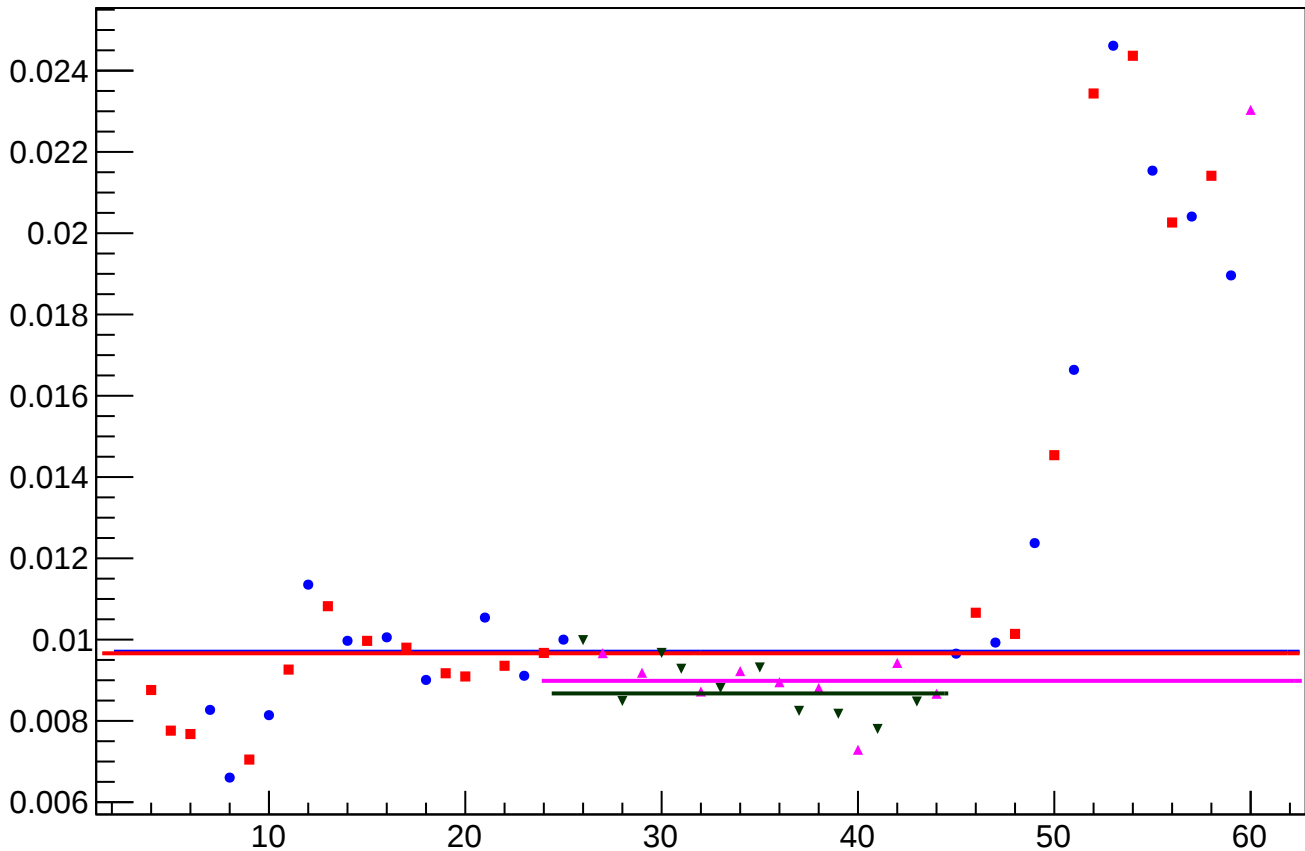
1.107+/-0.000 χ^2/NDF : 10940450058.7/27

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.072+/-0.000 χ^2/NDF : 11364262291.9/28

Left In: 1.162+/-0.000 χ^2/NDF :73447509.4/9

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 : 57413.1/9

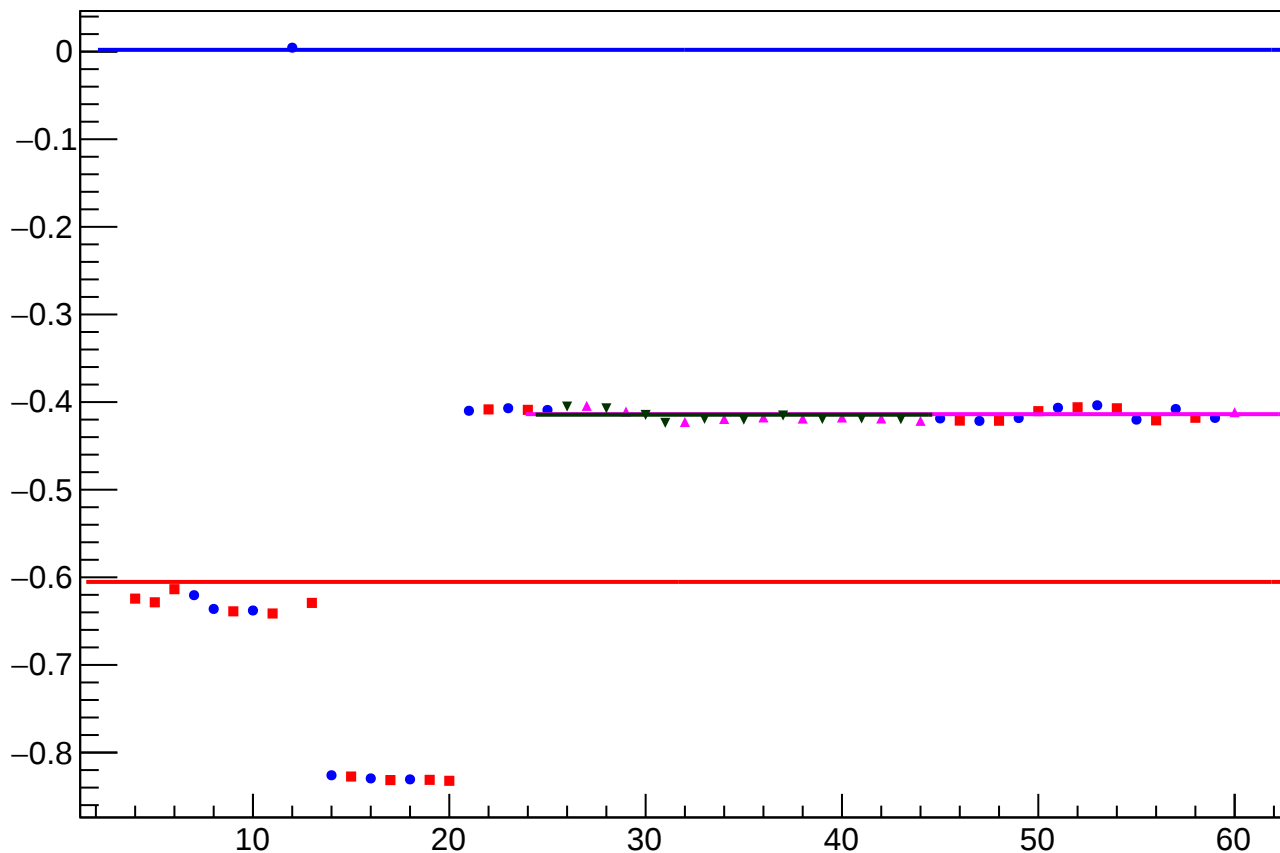
0.009+/-0.000 χ^2/NDF : 2048714.4/27

Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

0.009+/-0.000 χ^2/NDF : 1989192.9/28

Left In: 0.009+/-0.000 χ^2/NDF : 355744.3/9

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 : 2260145.2/9

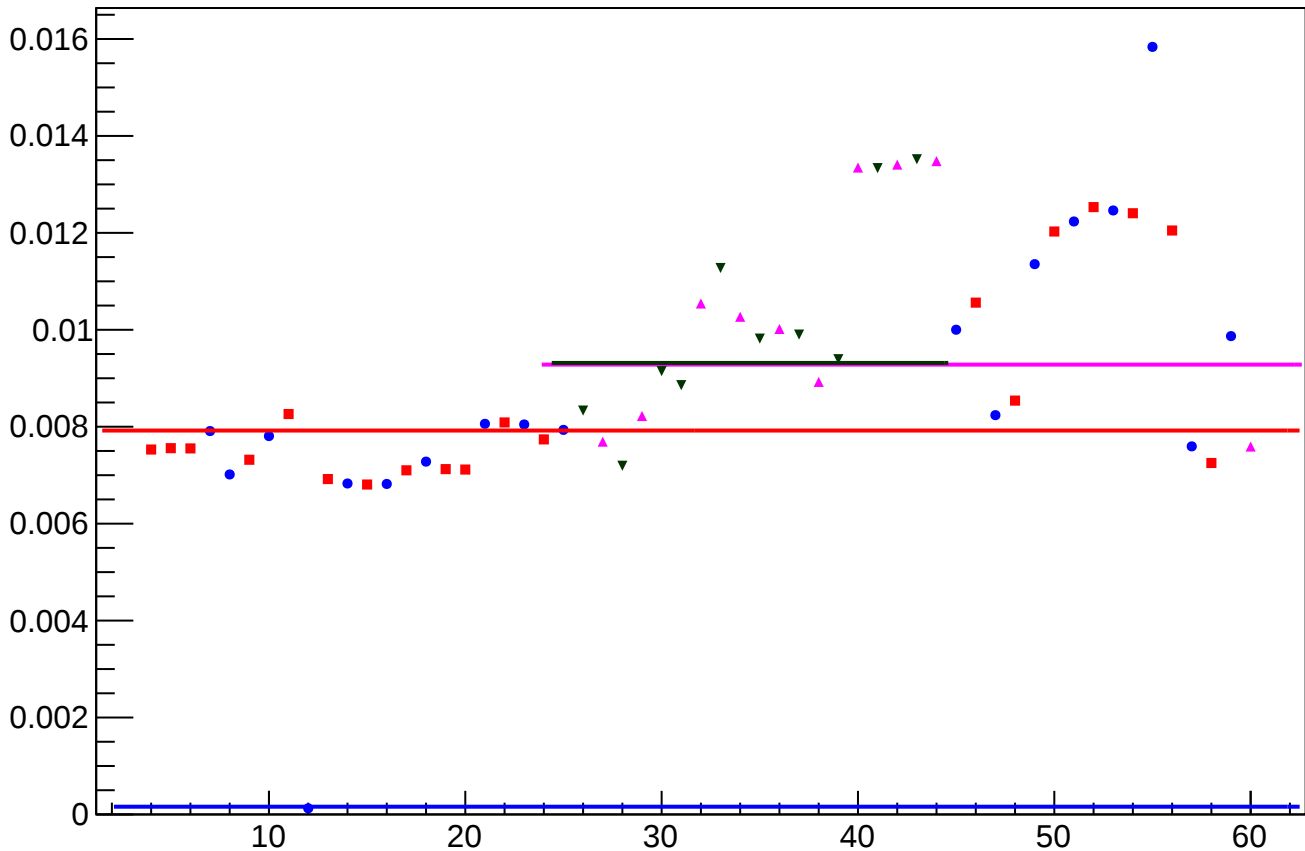
Right Out: -0.605+/-0.000 χ^2/NDF : 3819629229.5/18

Left In: -0.414+/-0.000 χ^2/NDF : 2704367.6/9

0.001+/-0.000 χ^2/NDF : 69845584013.1/27

-0.546+/-0.000 χ^2/NDF : 5537778190.3/28

yield_bpm4acX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 20262517.7/17

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 365508.7/9

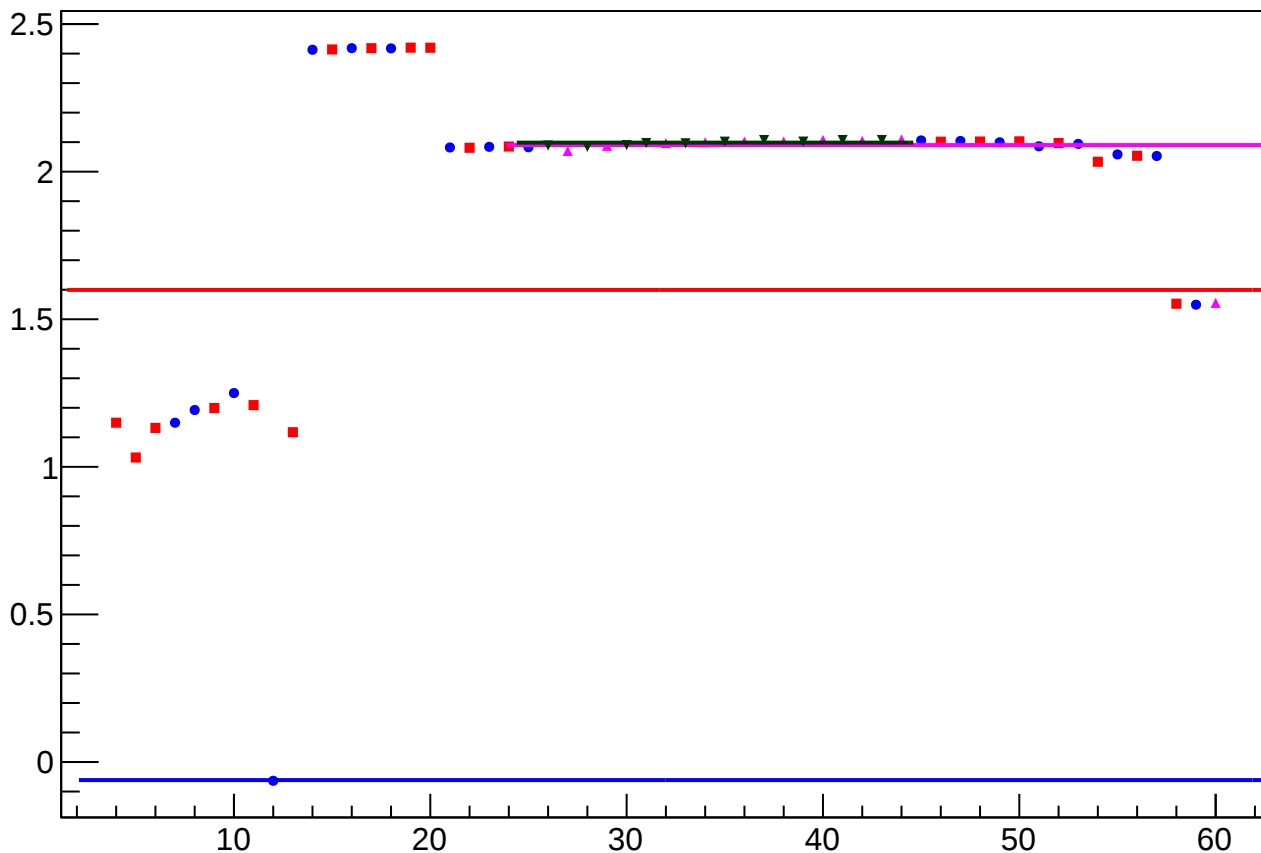
Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 697414.3/18

Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 482645.9/9

0.000 $\pm$ 0.000 χ^2/NDF : 30387463.3/27

0.008 $\pm$ 0.000 χ^2/NDF : 1353213.6/28

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.098+/-0.000 χ^2/NDF : 2018647.6/9

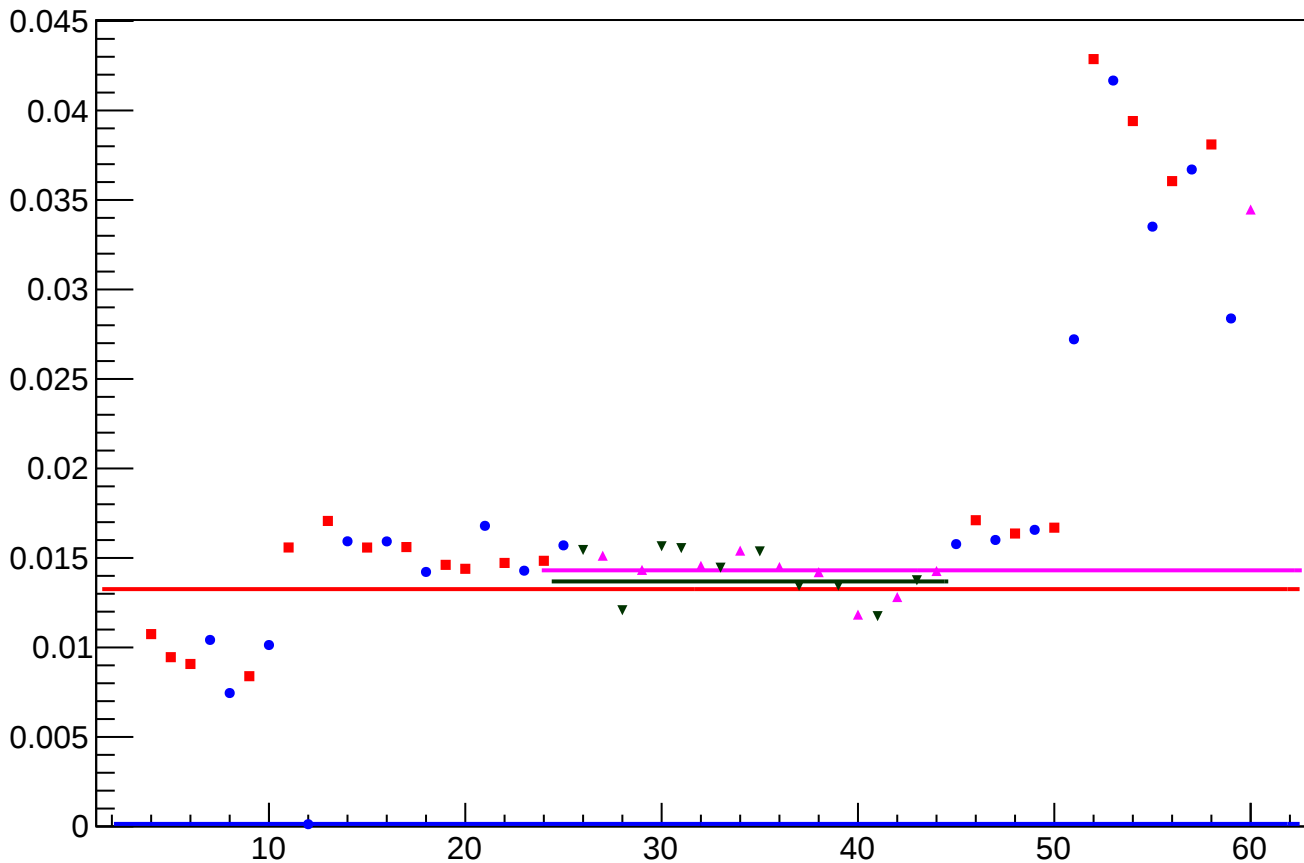
Right Out: 1.599+/-0.000 χ^2/NDF : 13096029057.2/18

Left In: 2.090+/-0.000 χ^2/NDF : 98965935.4/9

-0.060+/-0.000 χ^2/NDF : 296304498173.8/27

1.785+/-0.000 χ^2/NDF : 17370584691.2/28

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 :106273.7/9

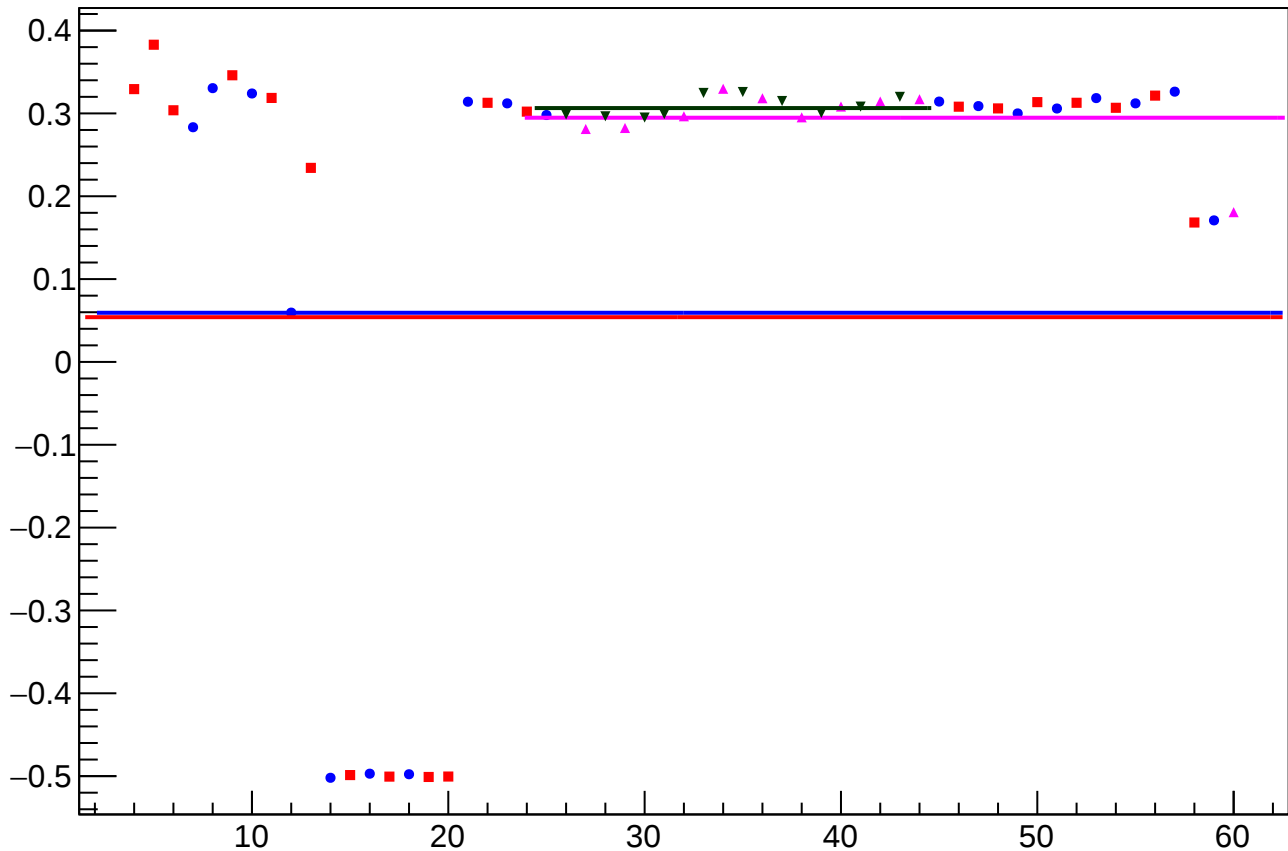
0.000+/-0.000 χ^2/NDF : 29598399.4/27

Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

0.014+/-0.000 χ^2/NDF : 3061774.5/28

Left In: 0.014+/-0.000 χ^2/NDF :333450.5/9

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.306+/-0.000 χ^2/NDF :1355327.7/9

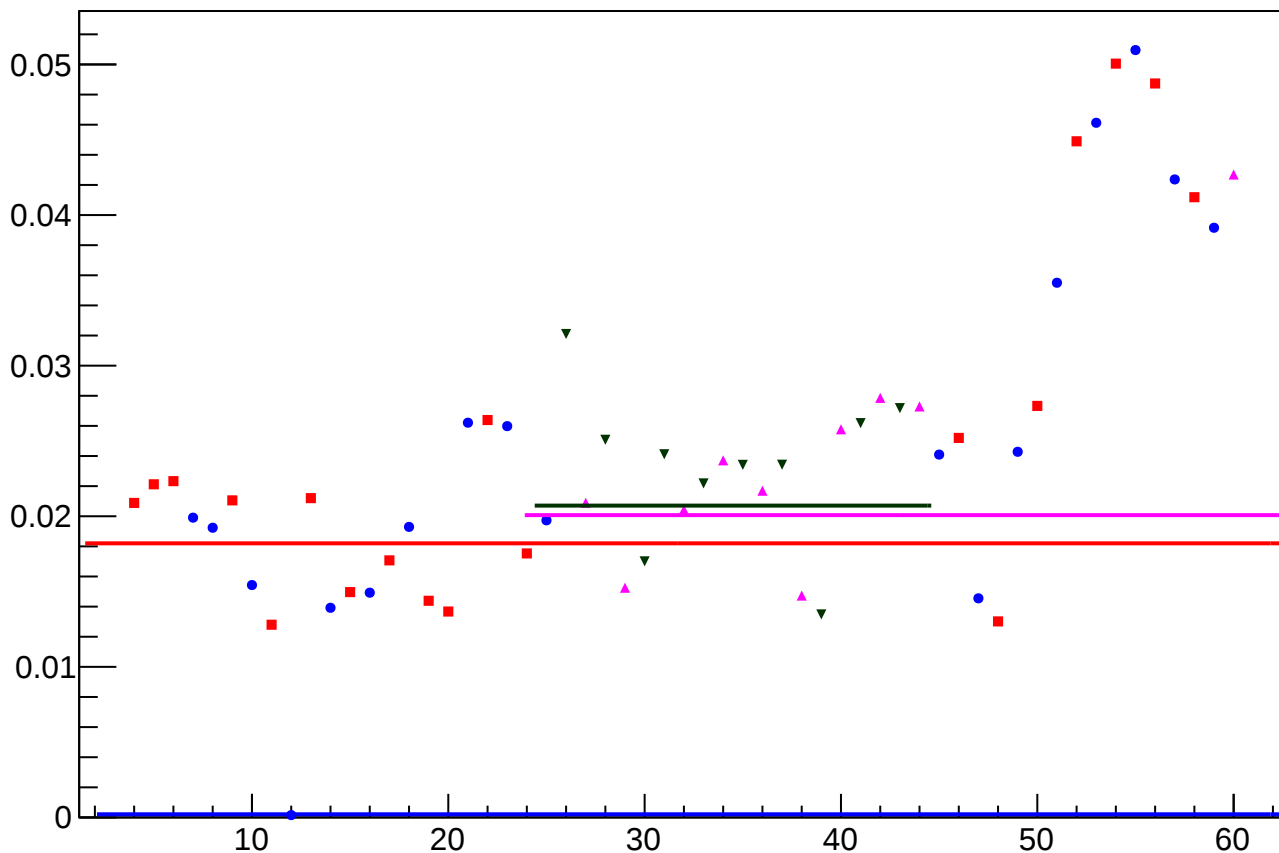
0.060+/-0.000 χ^2/NDF : 4562094865.7/27

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.137+/-0.000 χ^2/NDF : 4021140446.0/28

Left In: 0.295+/-0.000 χ^2/NDF :6655198.8/9

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 : 655279.7/9

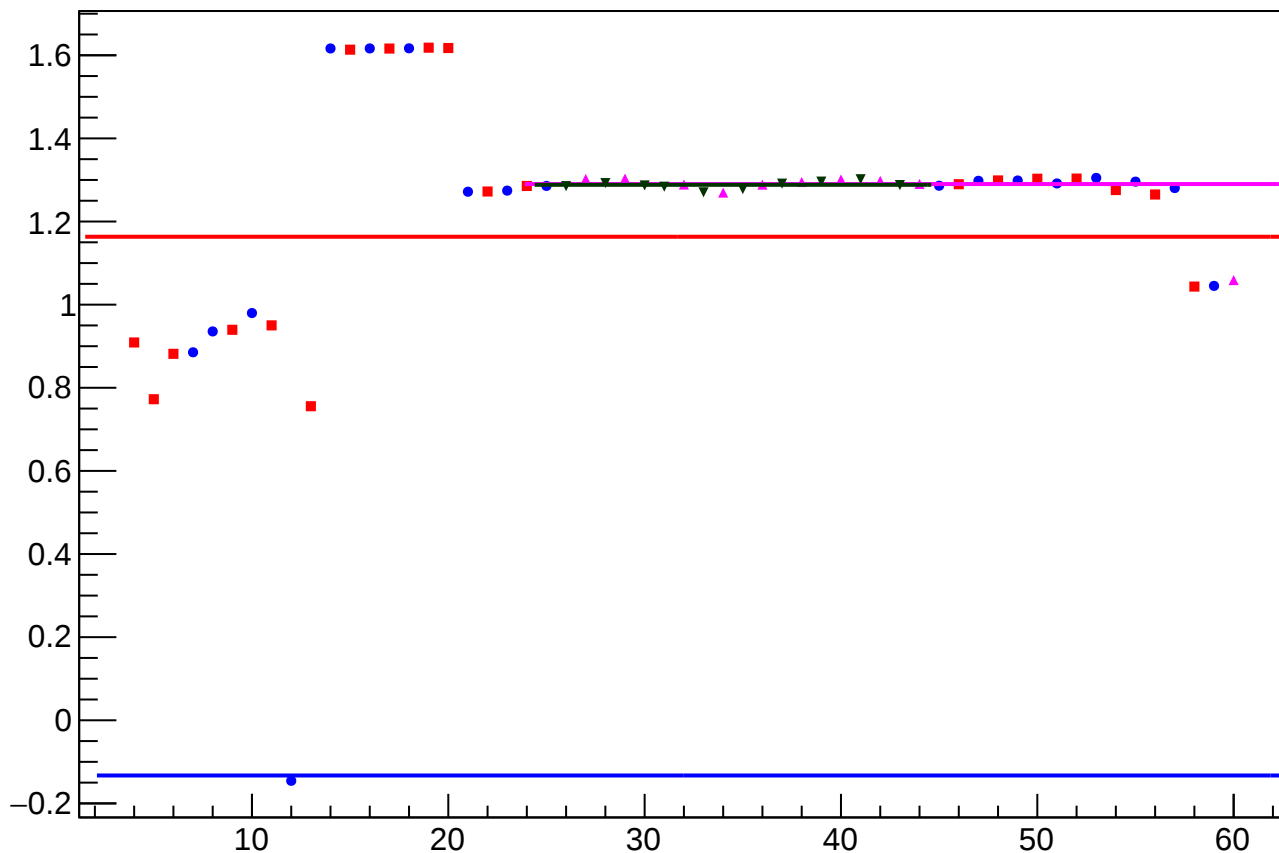
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.020+/-0.000 χ^2/NDF : 772130.4/9

0.000+/-0.000 χ^2/NDF : 29650339.4/27

0.019+/-0.000 χ^2/NDF : 3255615.1/28

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.288+/-0.000 χ^2/NDF : 3982202.6/9

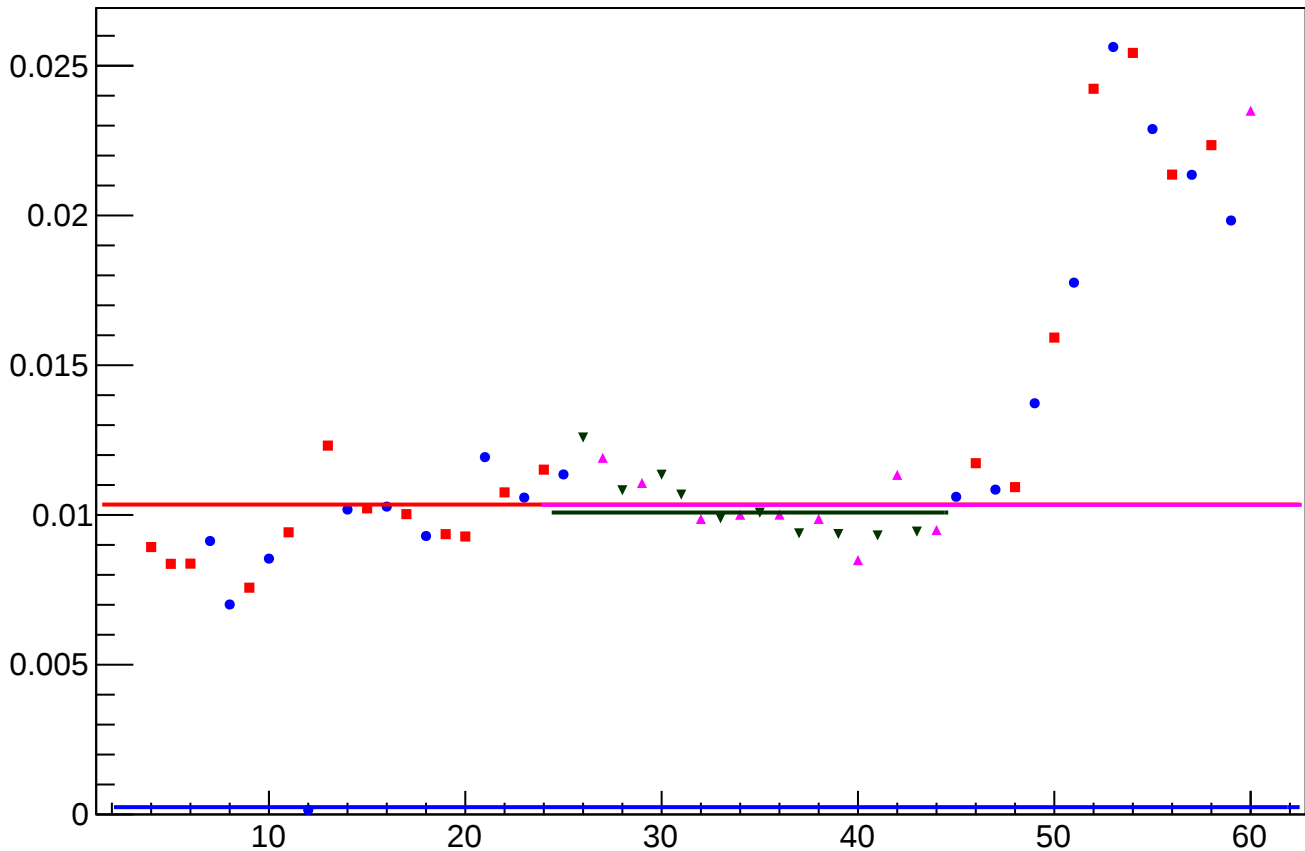
Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

Left In: 1.290+/-0.000 χ^2/NDF : 43315664.2/9

-0.125+/-0.000 χ^2/NDF : 270055399852.1/27

1.214+/-0.000 χ^2/NDF : 7807497053.0/28

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 :82741.5/9

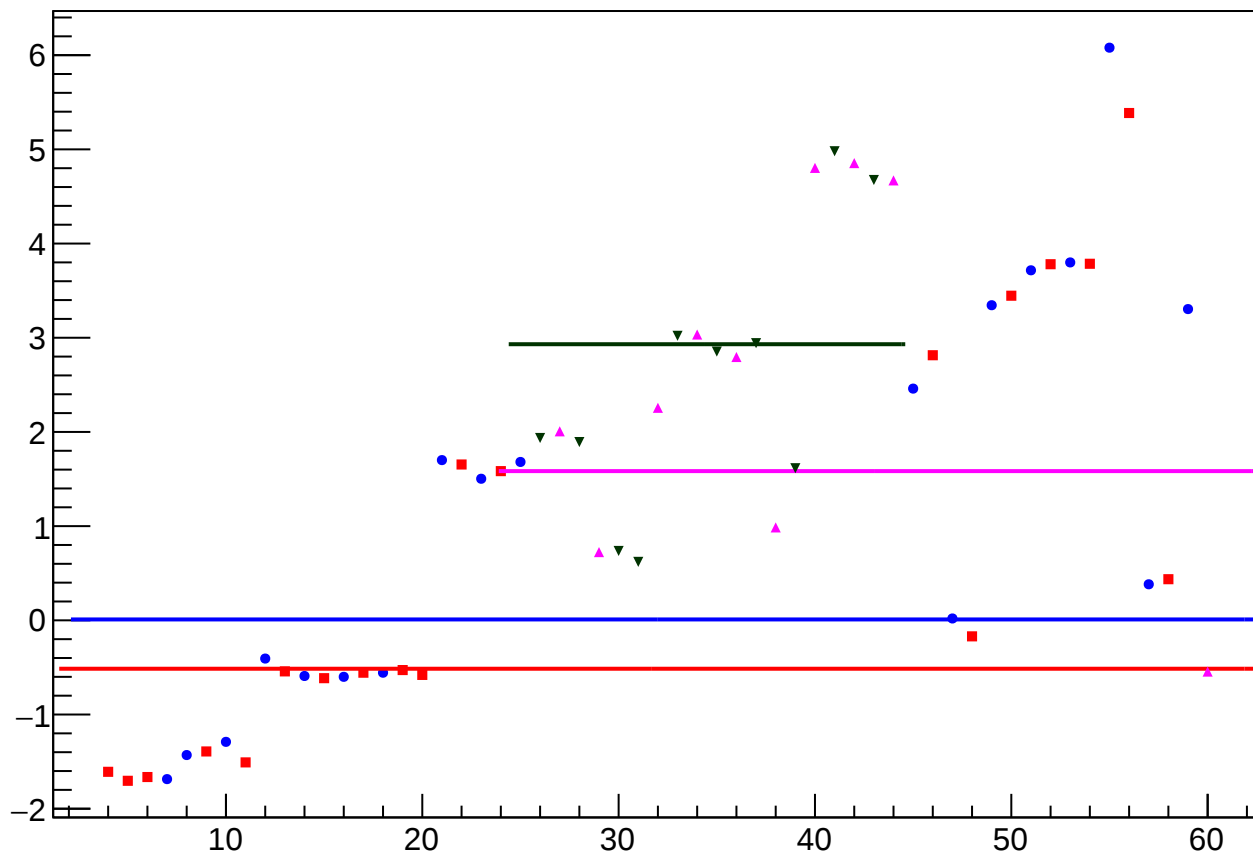
0.000+/-0.000 χ^2/NDF : 28940448.6/27

Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

0.010+/-0.000 χ^2/NDF : 1971005.4/28

Left In: 0.010+/-0.000 χ^2/NDF :351646.9/9

yield_bpm1X_mean vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 18135045883.2/17

Left Out: 2.931+/-0.000 χ^2/NDF :696767729.4/9

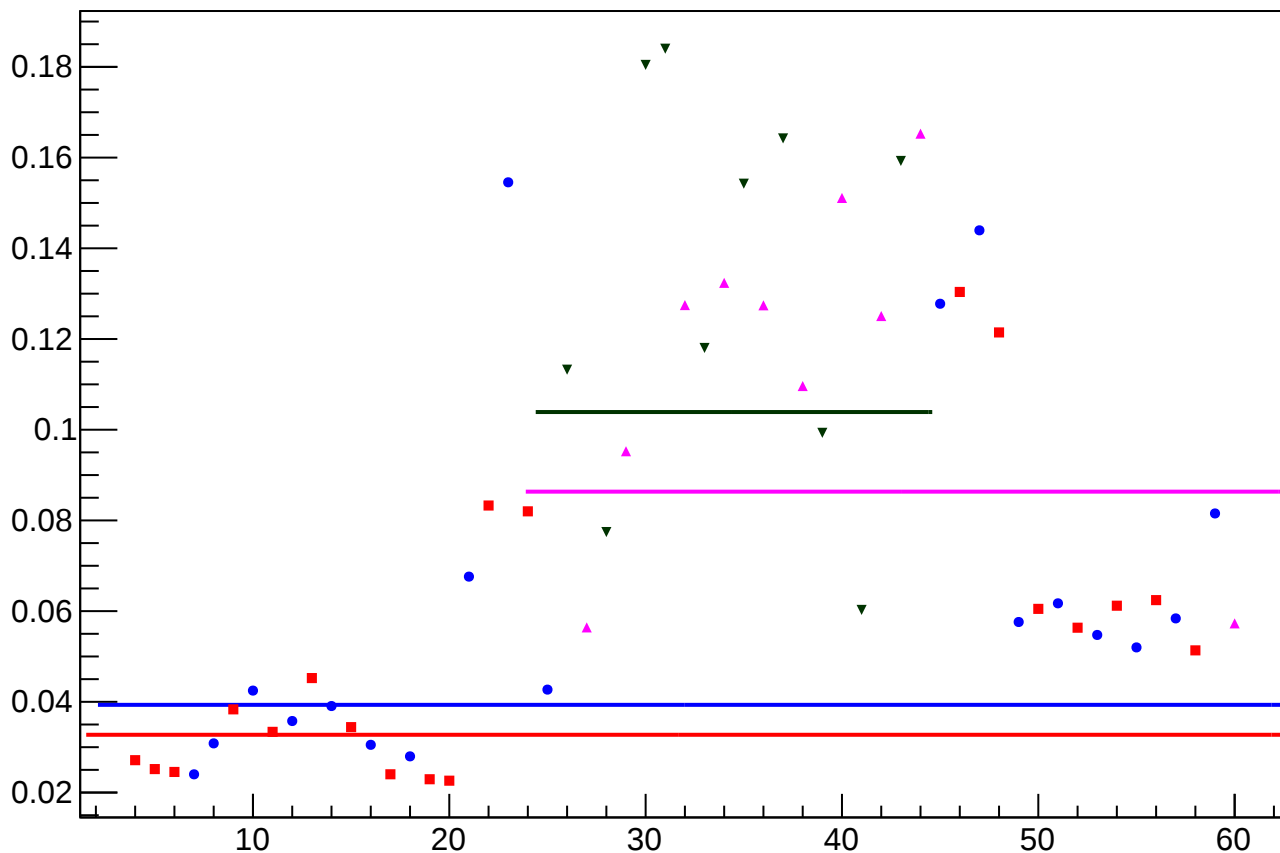
Right Out: -0.514+/-0.000 χ^2/NDF : 14474436949.2/18

Left In: 1.584+/-0.000 χ^2/NDF :1493884505.5/9

0.197+/-0.000 χ^2/NDF : 21443650243.9/27

-0.339+/-0.000 χ^2/NDF : 18215526259.5/28

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.104+/-0.000 χ^2/NDF :1068598.5/9

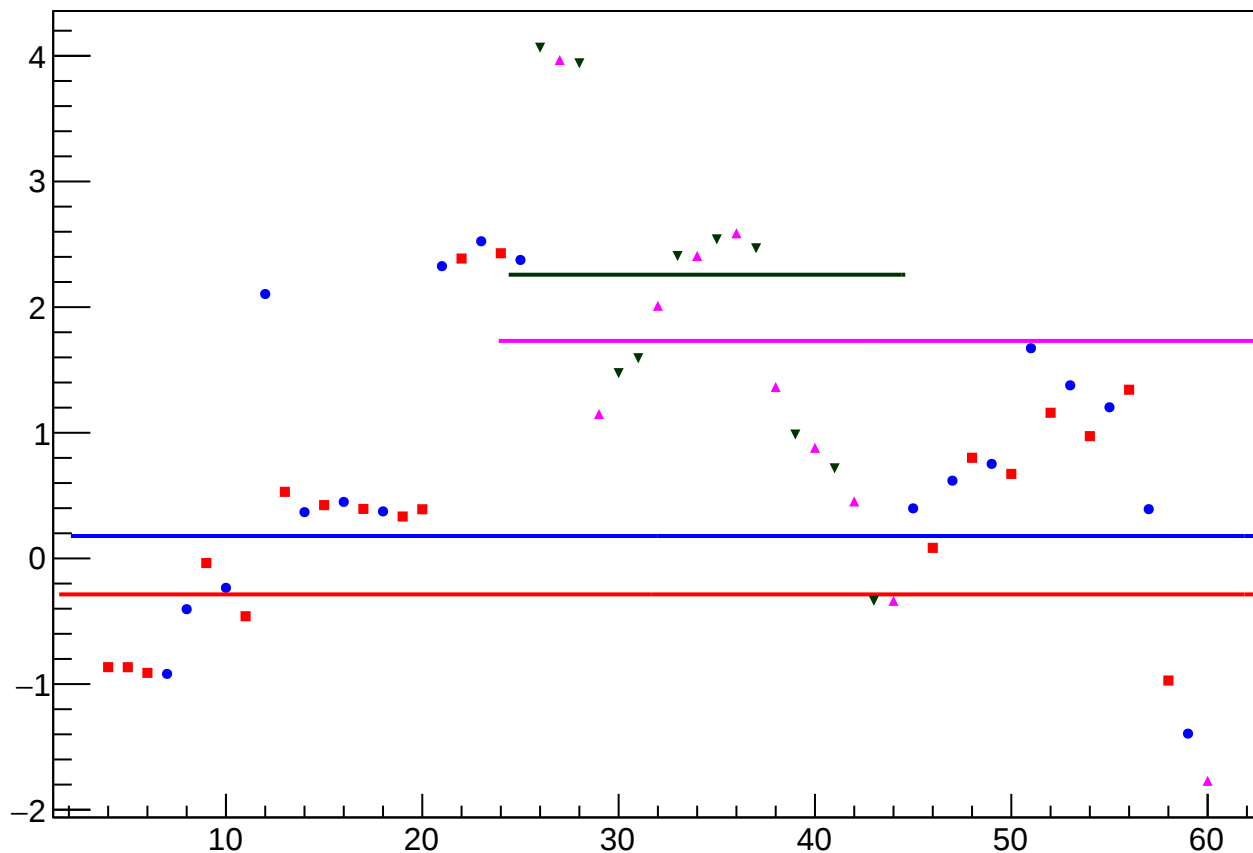
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.086+/-0.000 χ^2/NDF :1381459.5/9

0.043+/-0.000 χ^2/NDF : 6697166.4/27

0.037+/-0.000 χ^2/NDF : 7153947.5/28

yield_bpm1Y_mean vs slug



Right In: 0.178+/-0.000 χ^2/NDF : 9482704623.3/17

Left Out: 2.258+/-0.000 χ^2/NDF :1464188140.1/9

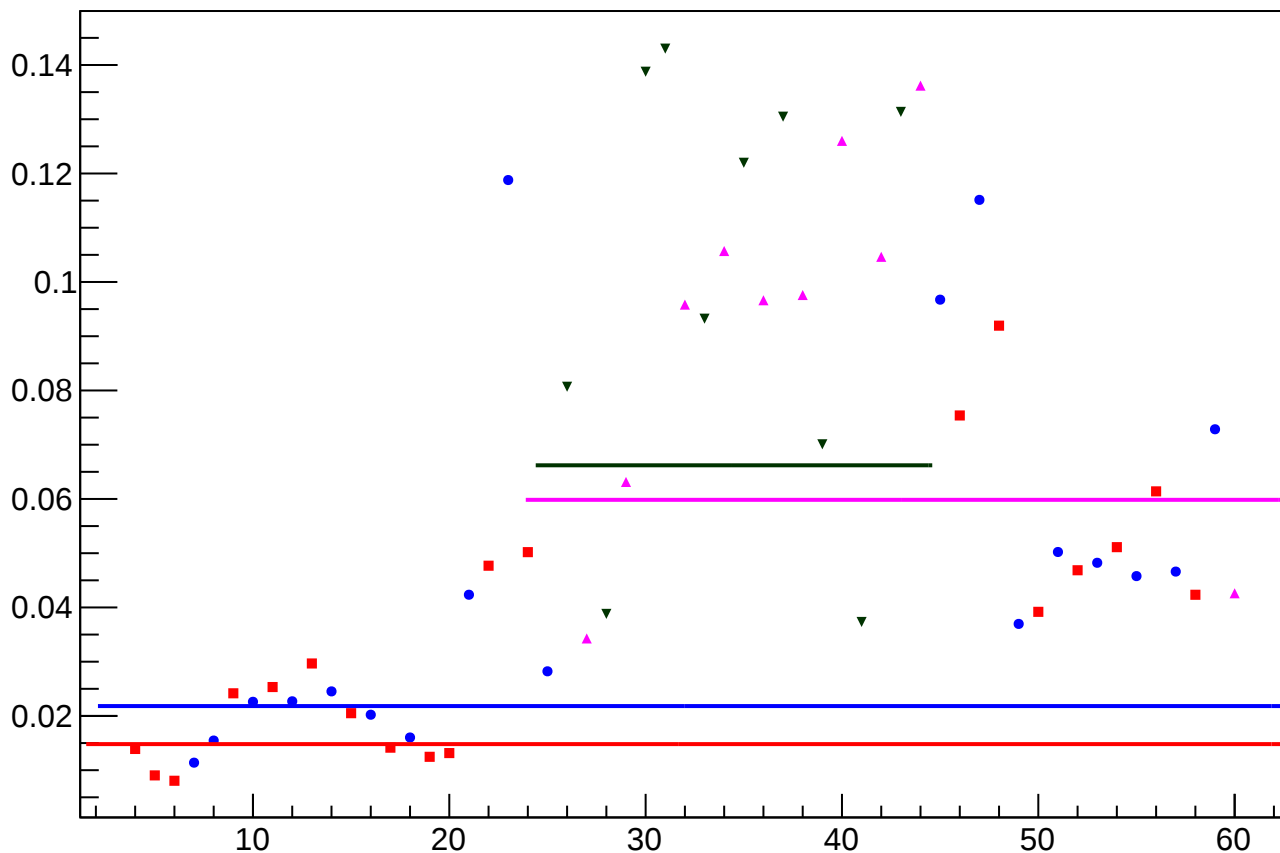
Right Out: -0.286+/-0.000 χ^2/NDF : 10734675455.5/18

Left In: 1.731+/-0.000 χ^2/NDF :4922926811.4/9

0.285+/-0.000 χ^2/NDF : 13695883323.5/27

-0.196+/-0.000 χ^2/NDF : 19653943874.4/28

yield_bpm1Y_rms vs slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 4669284.8/17

Left Out: 0.066 $\pm$ 0.000 χ^2 /NDF:1777792.9/9

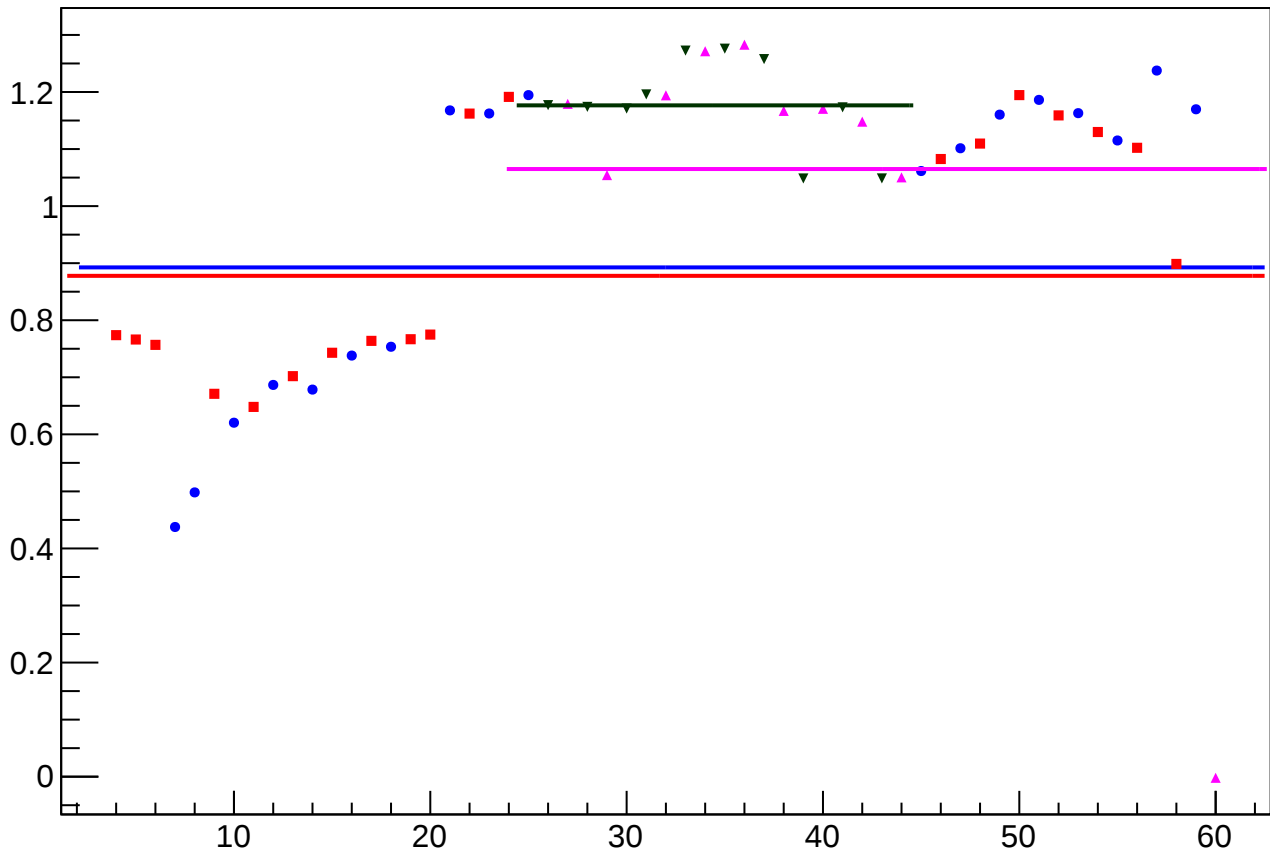
Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 4938559.5/18

Left In: 0.060 $\pm$ 0.000 χ^2 /NDF:1962312.0/9

0.024 $\pm$ 0.000 χ^2 /NDF: 8951352.8/27

0.017 $\pm$ 0.000 χ^2 /NDF: 10881833.1/28

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.177+/-0.000 χ^2/NDF : 56492661.1/9

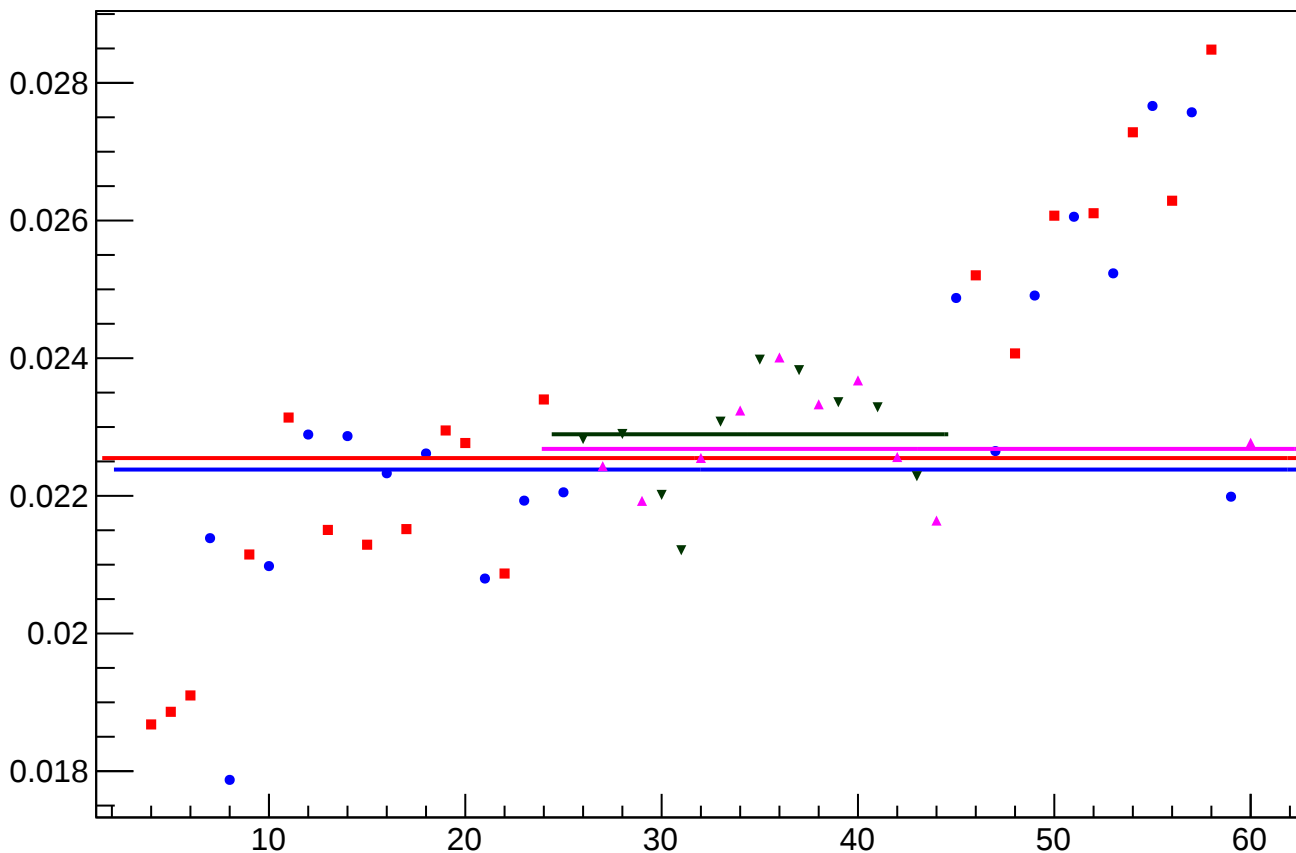
0.982+/-0.000 χ^2/NDF : 2229637418.2/27

Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

0.949+/-0.000 χ^2/NDF : 2244840585.3/28

Left In: 1.065+/-0.000 χ^2/NDF : 1233819532.9/9

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 : 11436.5/9

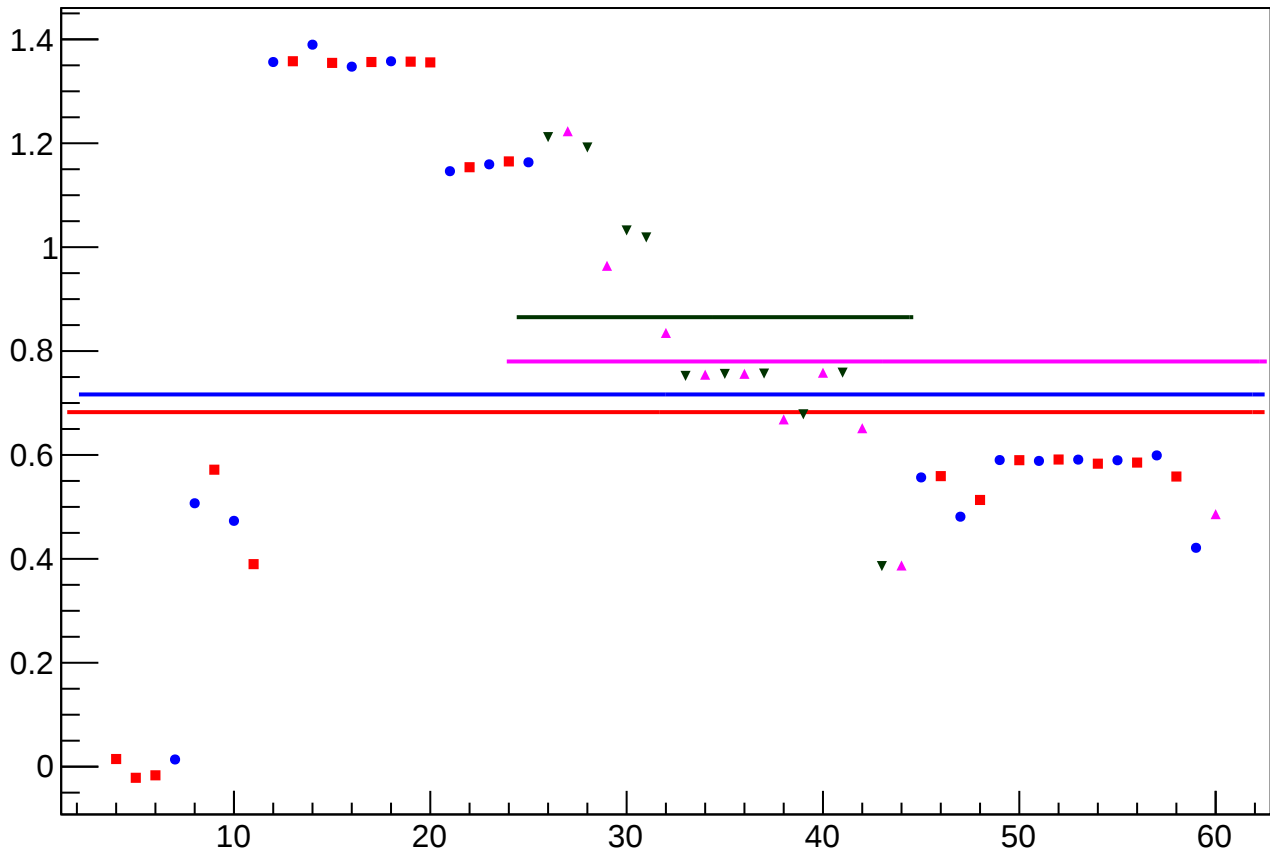
Right Out: 0.023 ± 0.000 χ^2/NDF : 246194.4/18

Left In: 0.023 ± 0.000 χ^2/NDF : 10443.4/9

0.023 ± 0.000 χ^2/NDF : 279592.0/27

0.023 ± 0.000 χ^2/NDF : 256891.2/28

yield_bpm11Y_mean vs slug



Right In: 0.716+/-0.000 χ^2/NDF : 131330740430.7/17

Left Out: 0.865+/-0.000 χ^2/NDF :19769026573.0/9

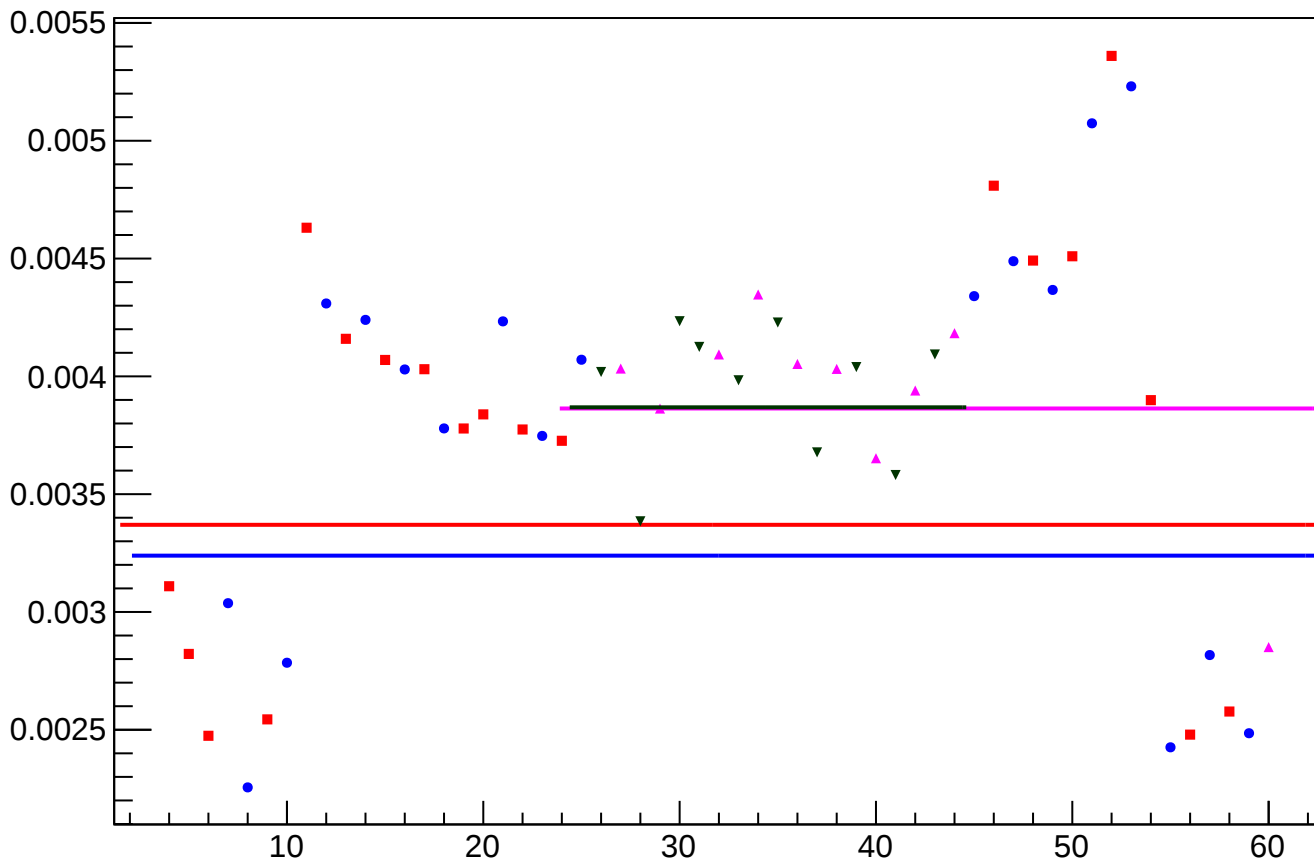
0.755+/-0.000 χ^2/NDF : 156608950952.9/27

Right Out: 0.682+/-0.000 χ^2/NDF : 168328456976.2/18

0.715+/-0.000 χ^2/NDF : 192440956120.0/28

Left In: 0.780+/-0.000 χ^2/NDF :21636255614.4/9

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 :59617.0/9

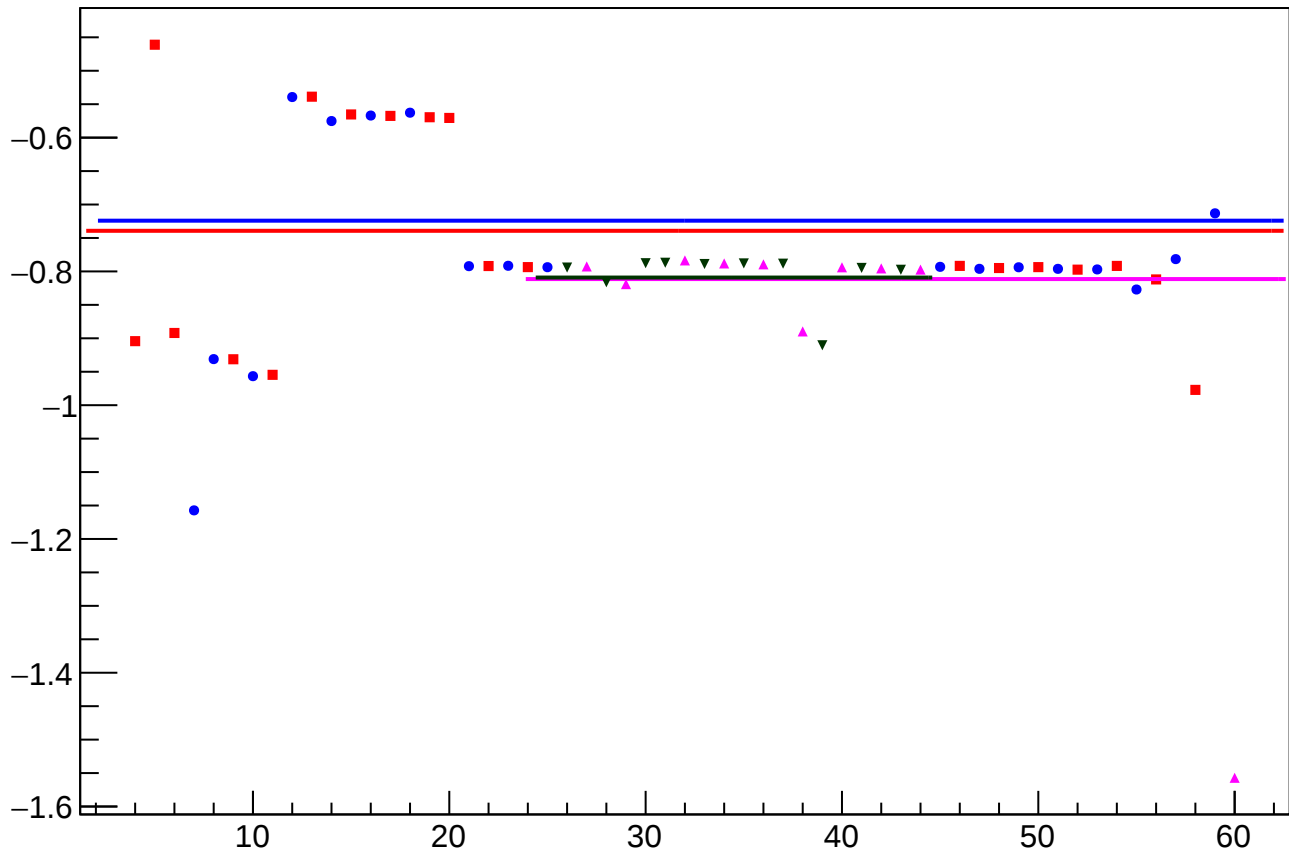
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF :132210.4/9

0.003+/-0.000 χ^2/NDF : 1809794.4/27

0.004+/-0.000 χ^2/NDF : 1417309.9/28

yield_bpm12X_mean vs slug



Right In: -0.724+/-0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

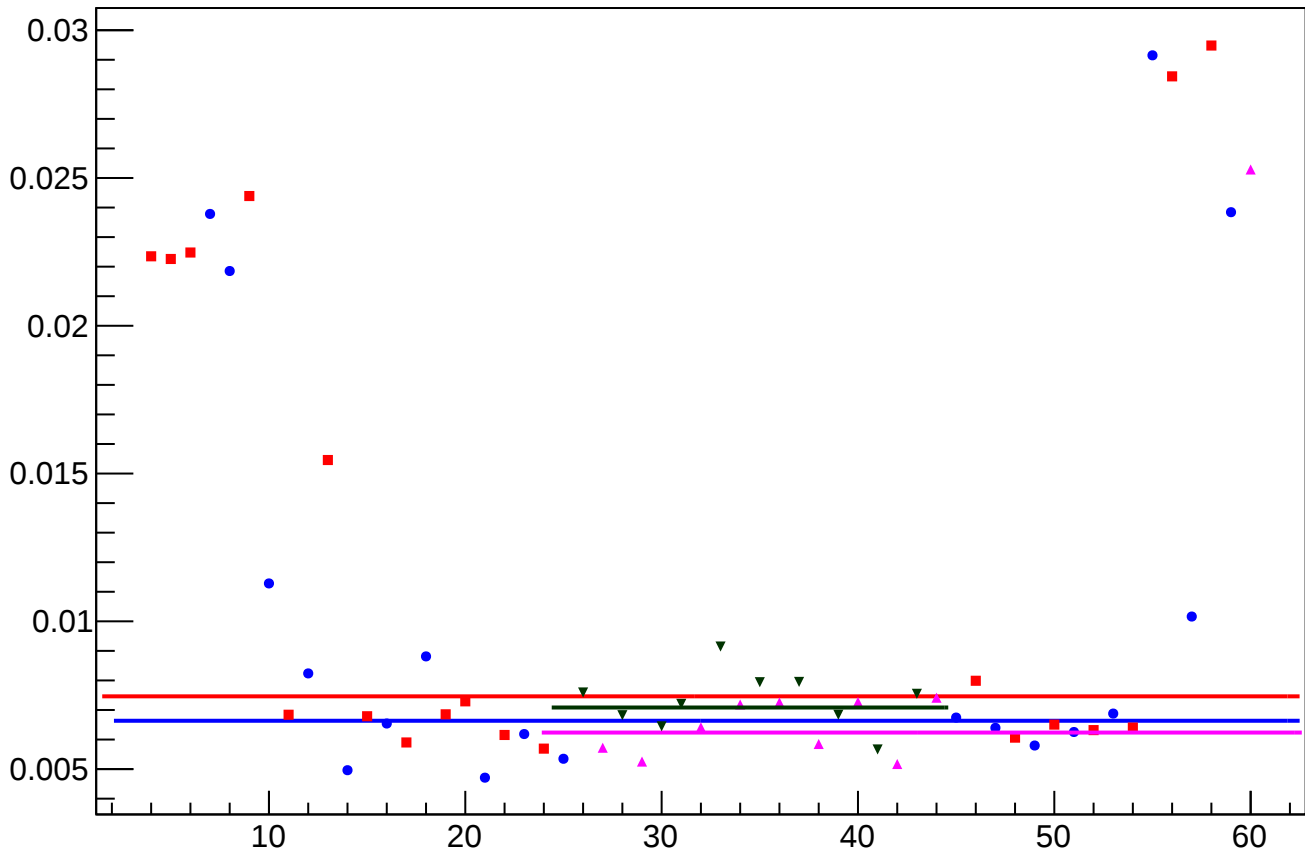
-0.752+/-0.000 χ^2/NDF : 2744002813.8/27

Right Out: -0.739+/-0.000 χ^2/NDF : 1945829237.2/18

-0.775+/-0.000 χ^2/NDF : 2788373167.5/28

Left In: -0.811+/-0.000 χ^2/NDF : 553475241.9/9

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 : 128168.7/9

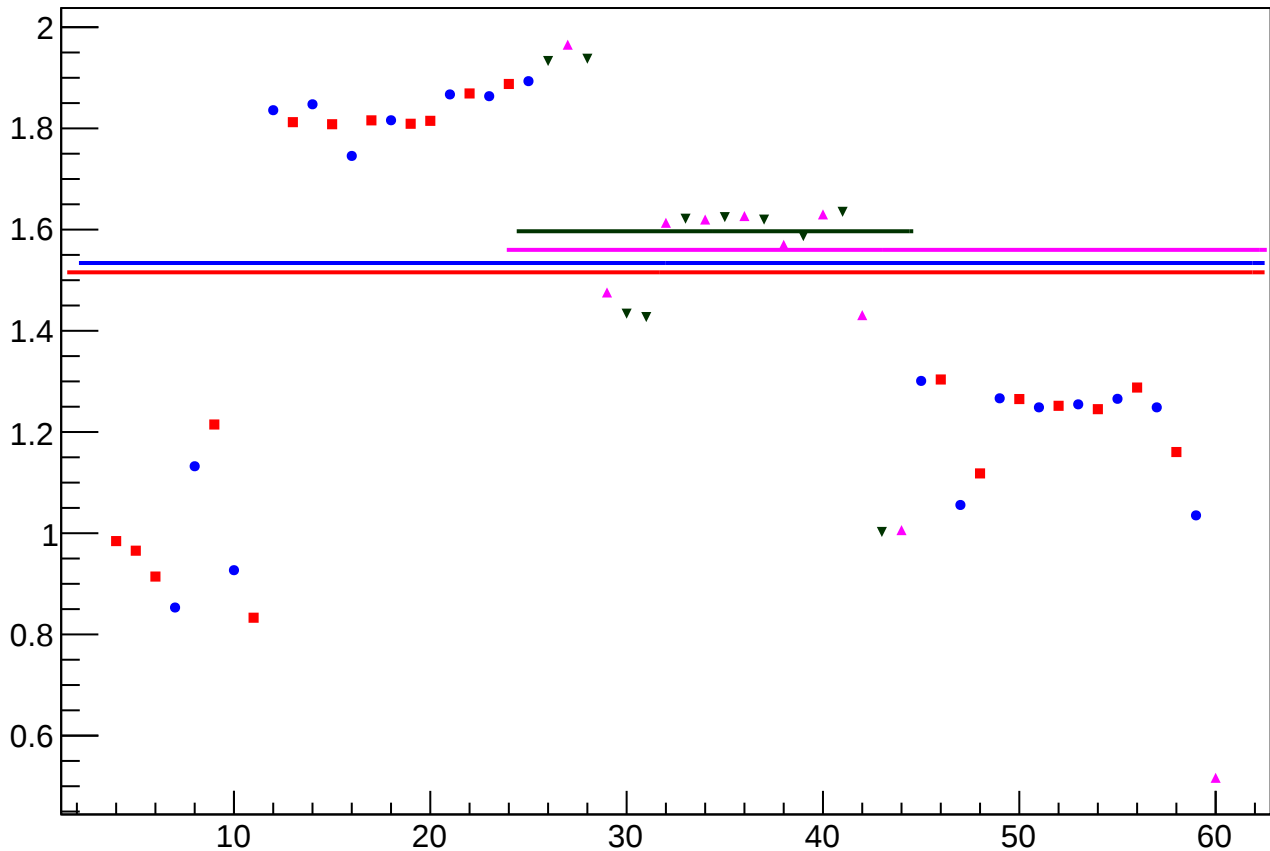
Right Out: 0.007 ± 0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006 ± 0.000 χ^2/NDF : 740391.4/9

0.007 ± 0.000 χ^2/NDF : 3496902.0/27

0.007 ± 0.000 χ^2/NDF : 4386015.0/28

yield_bpm12Y_mean vs slug



Right In: 1.534 $\pm$ 0.000 χ^2/NDF : 22395382646.2/17

Left Out: 1.597 $\pm$ 0.000 χ^2/NDF : 6672070685.1/9

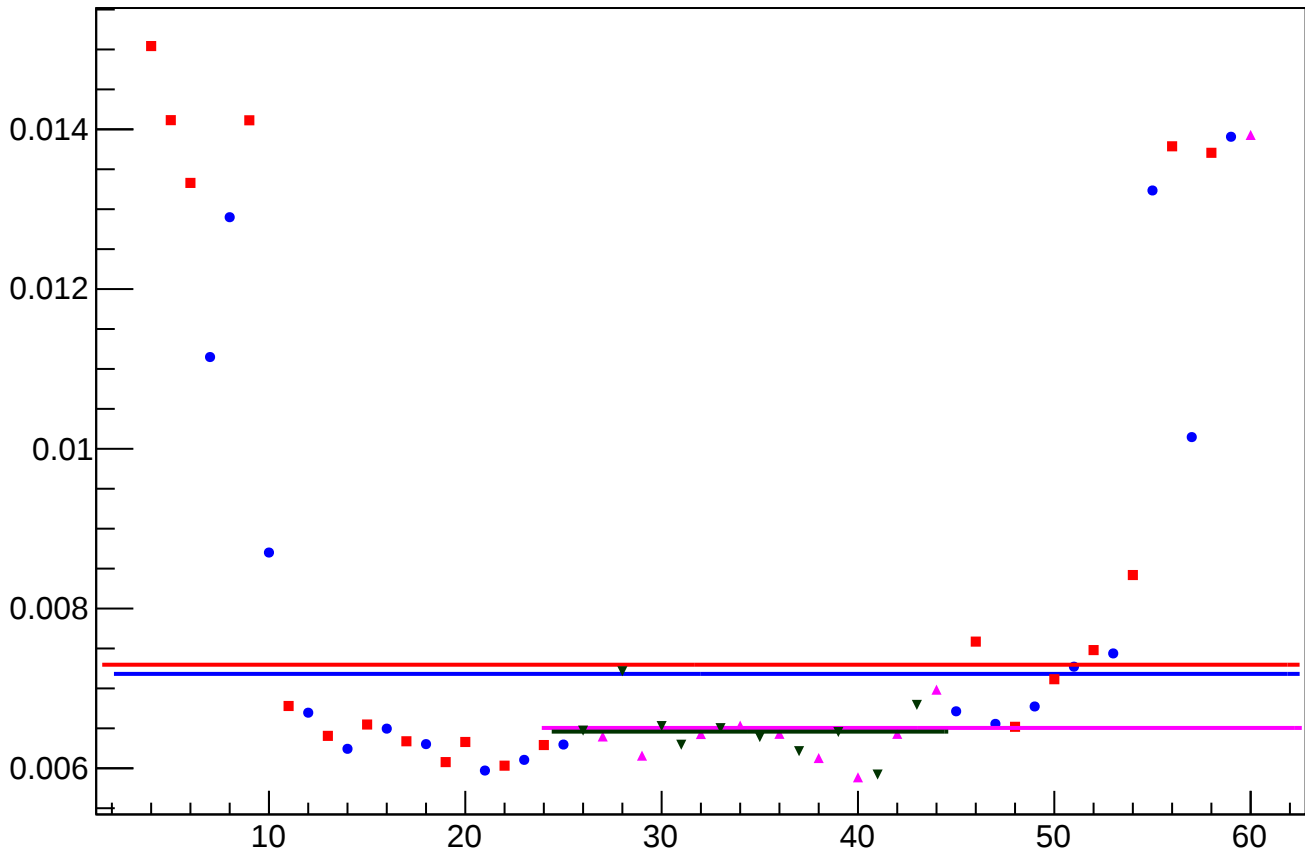
1.558 $\pm$ 0.000 χ^2/NDF : 29352990769.4/27

Right Out: 1.516 $\pm$ 0.000 χ^2/NDF : 21754735470.0/18

1.535 $\pm$ 0.000 χ^2/NDF : 31542964065.9/28

Left In: 1.560 $\pm$ 0.000 χ^2/NDF : 9646944571.0/9

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1305539.8/17

Left Out: 0.006+/-0.000 χ^2/NDF : 26704.2/9

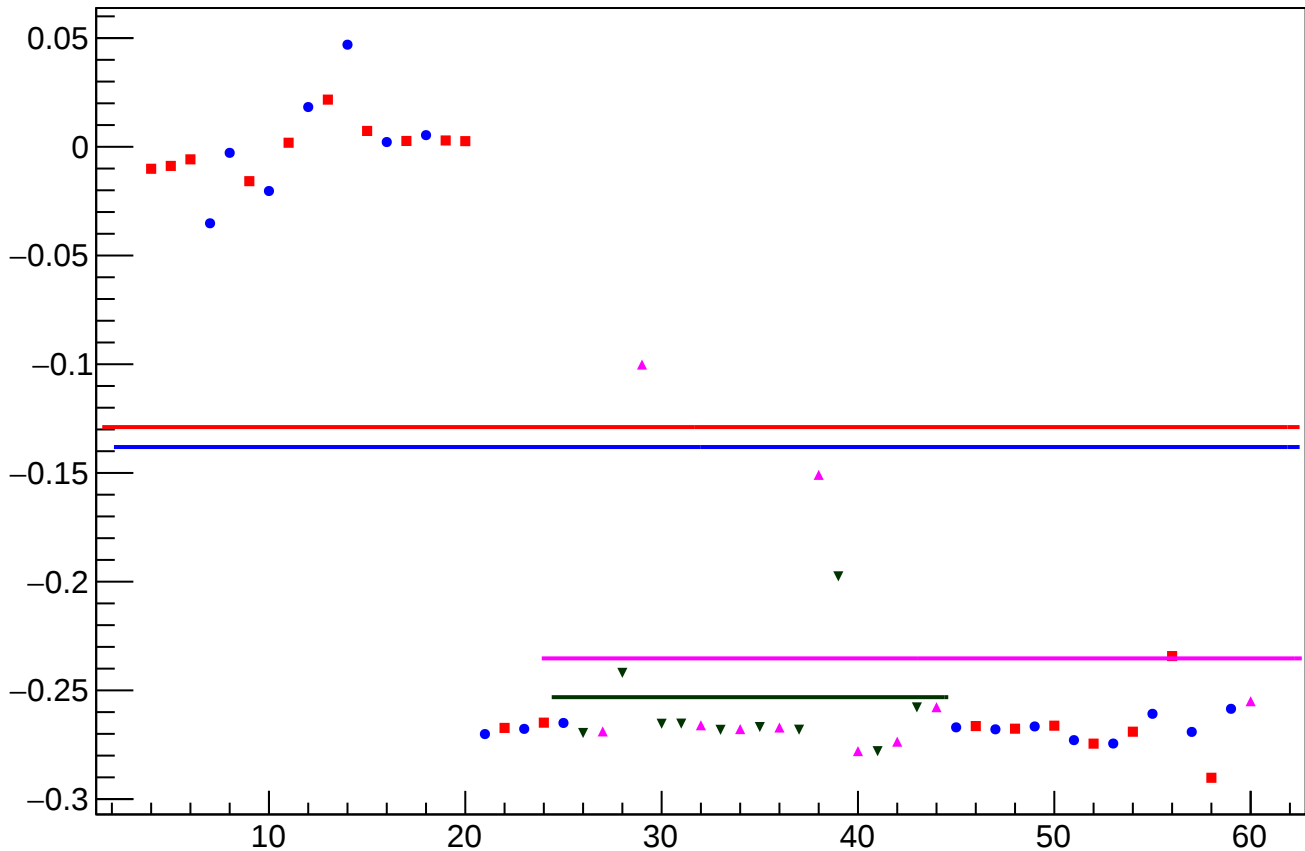
0.007+/-0.000 χ^2/NDF : 1408034.5/27

Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

0.007+/-0.000 χ^2/NDF : 1858150.7/28

Left In: 0.007+/-0.000 χ^2/NDF : 310437.9/9

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.253+/-0.000 χ^2/NDF : 114103318.3/9

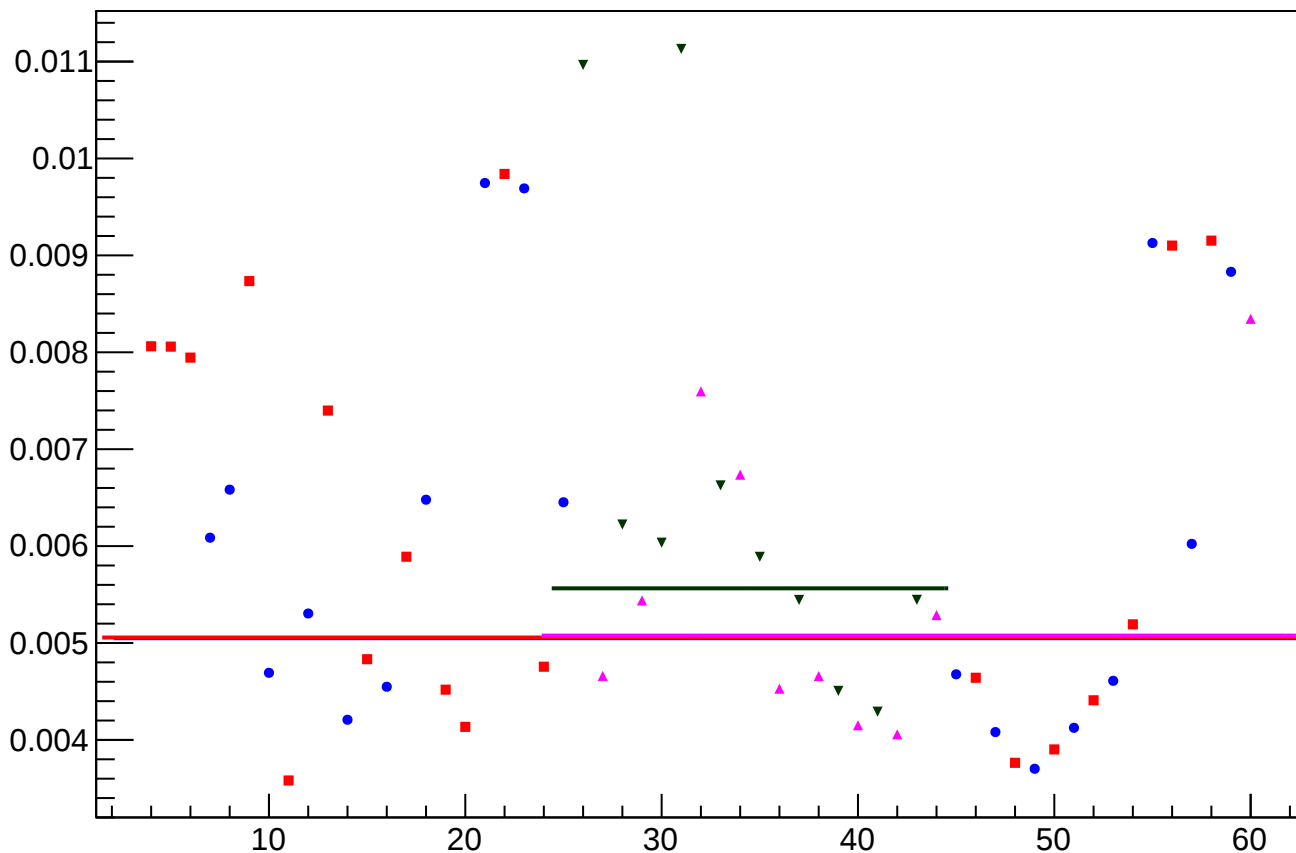
Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

Left In: -0.235+/-0.000 χ^2/NDF : 790181356.7/9

-0.171+/-0.000 χ^2/NDF : 8763655323.2/27

-0.170+/-0.000 χ^2/NDF : 8068430596.7/28

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 : 608011.7/9

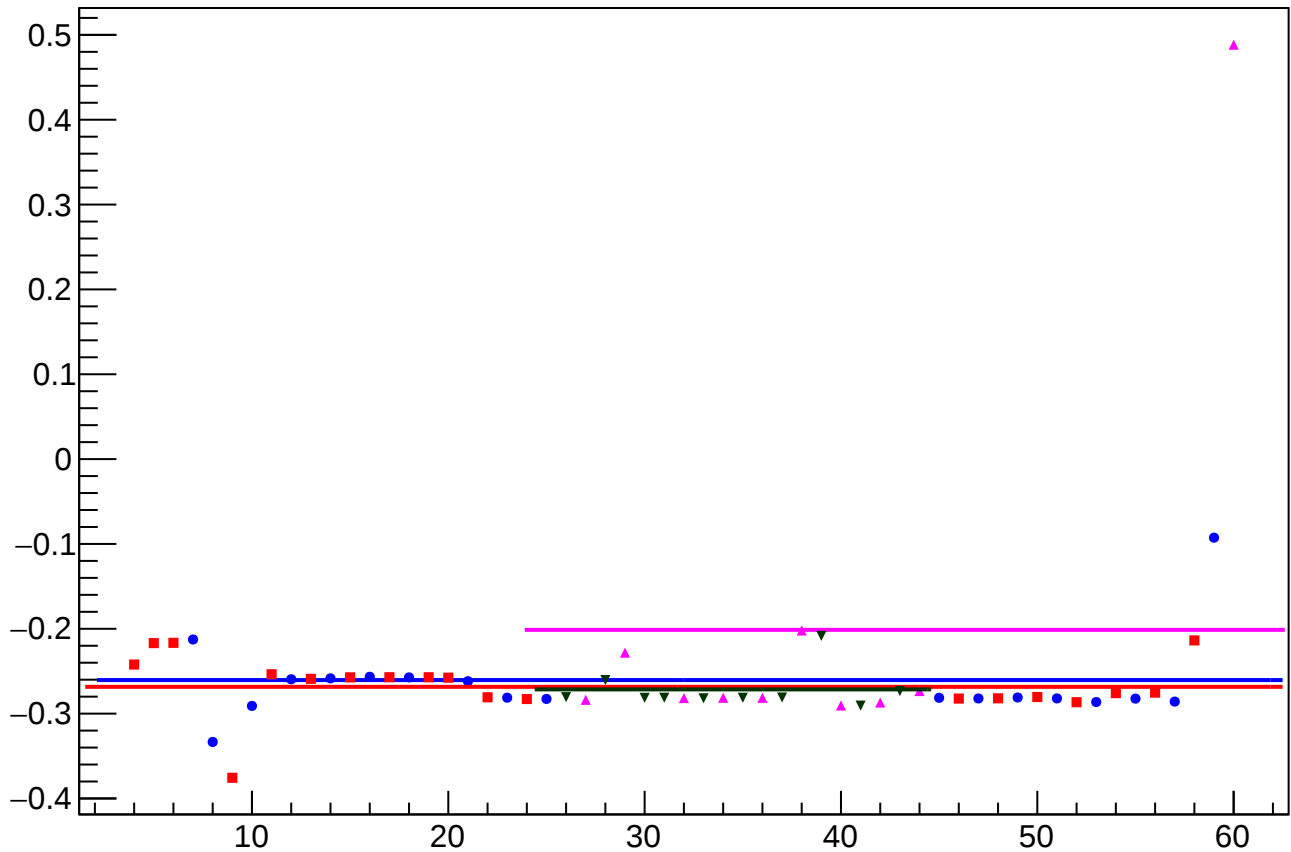
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 508721.1/9

0.005+/-0.000 χ^2/NDF : 2327340.0/27

0.005+/-0.000 χ^2/NDF : 2331291.2/28

yield_bpm16Y_mean vs slug



Right In: -0.260+/-0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.271+/-0.000 χ^2/NDF : 349277523.0/9

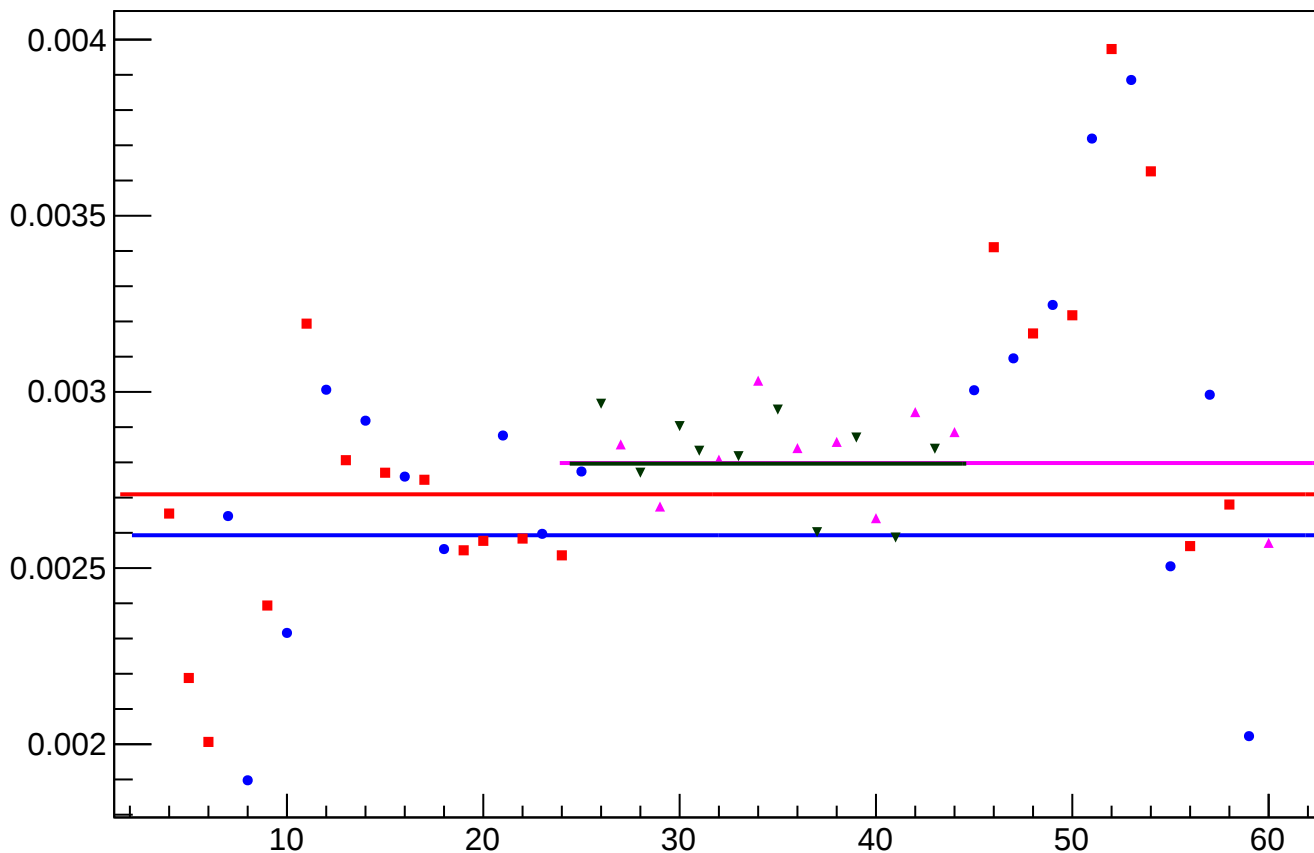
Right Out: -0.268+/-0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.201+/-0.000 χ^2/NDF : 34530365912.1/9

-0.264+/-0.000 χ^2/NDF : 7283546031.1/27

-0.244+/-0.000 χ^2/NDF : 38843099681.0/28

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 : 22003.3/9

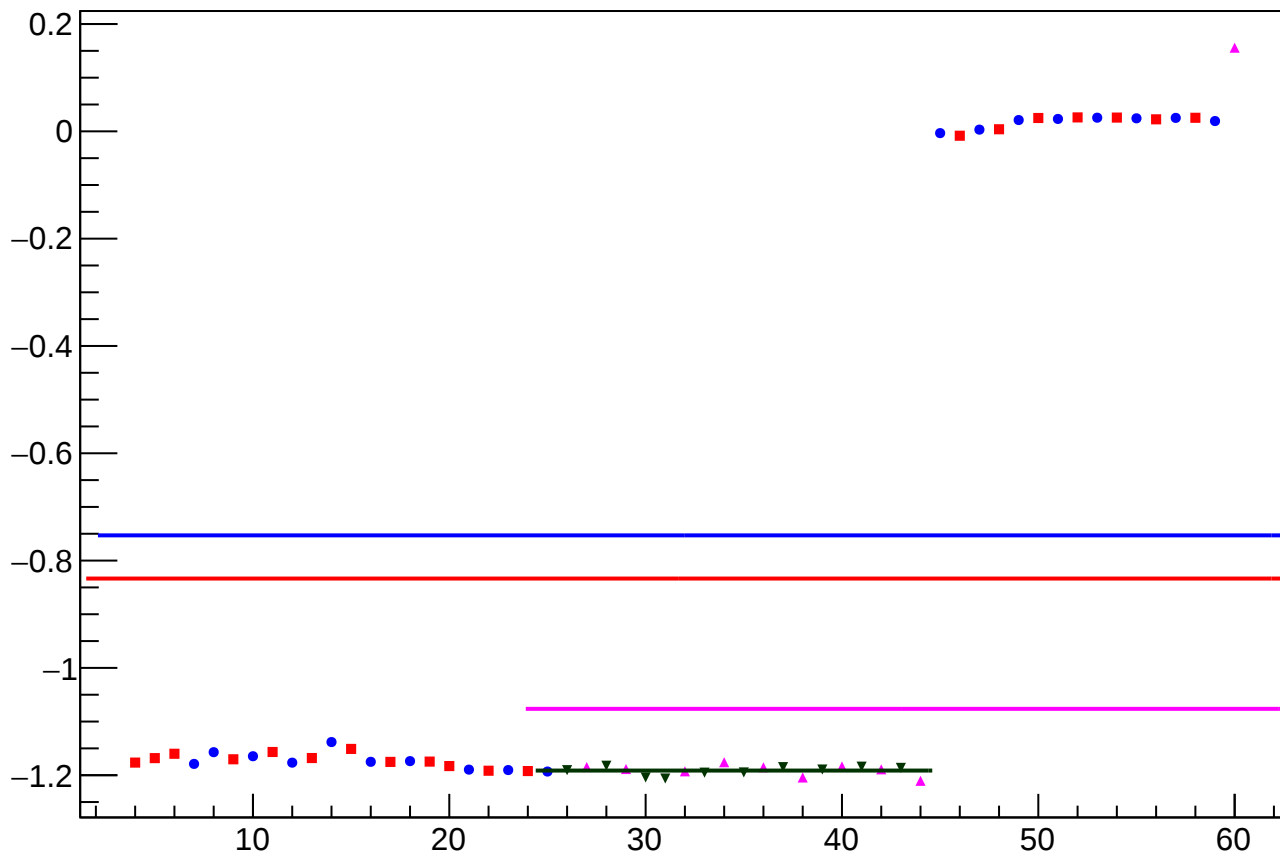
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 23823.4/9

0.003+/-0.000 χ^2/NDF : 834279.6/27

0.003+/-0.000 χ^2/NDF : 507488.6/28

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -1.191+/-0.000 χ^2/NDF : 4812748.3/9

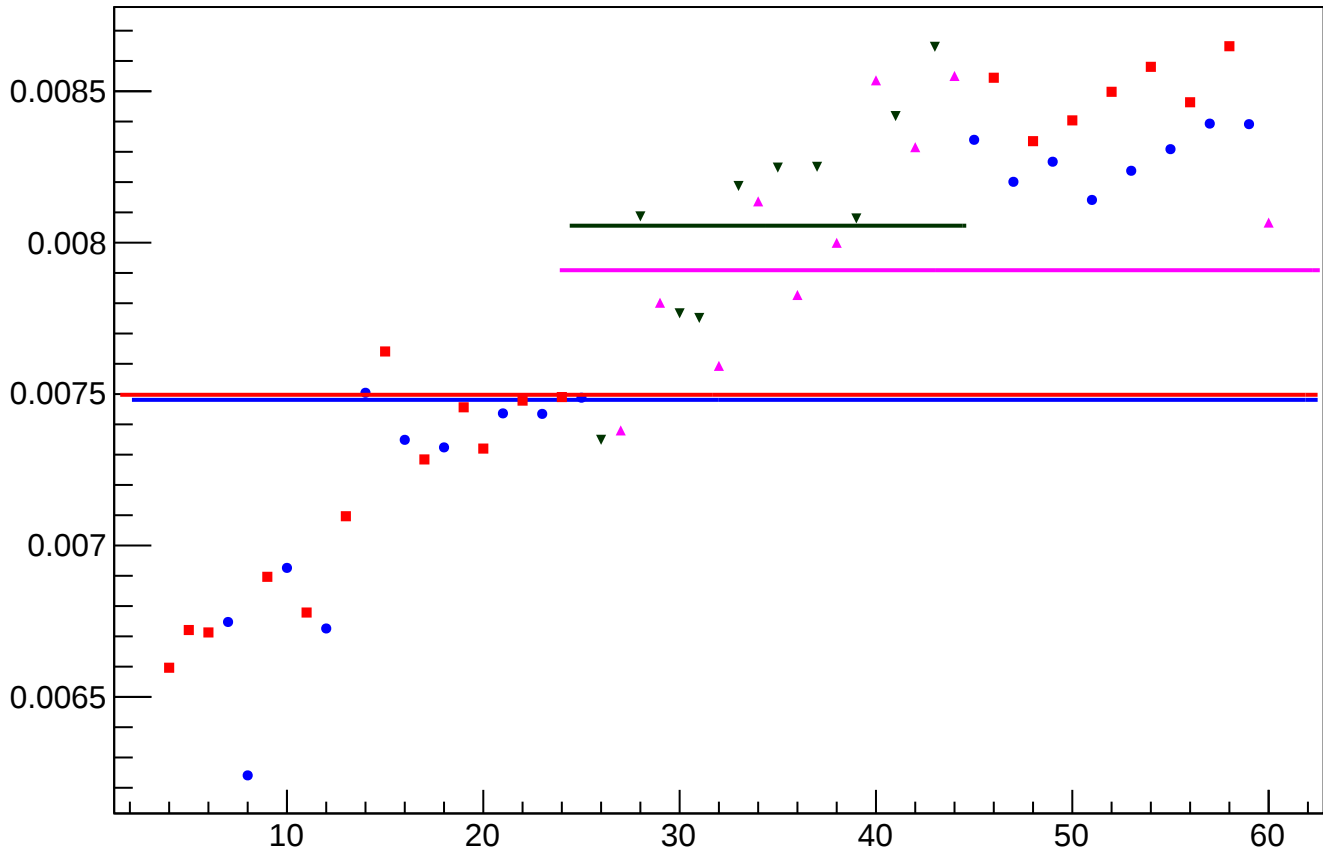
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -1.076+/-0.000 χ^2/NDF : 13563759519.7/9

-0.880+/-0.000 χ^2/NDF : 74568147850.9/27

-0.920+/-0.000 χ^2/NDF : 67573828440.7/28

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 :19479.9/9

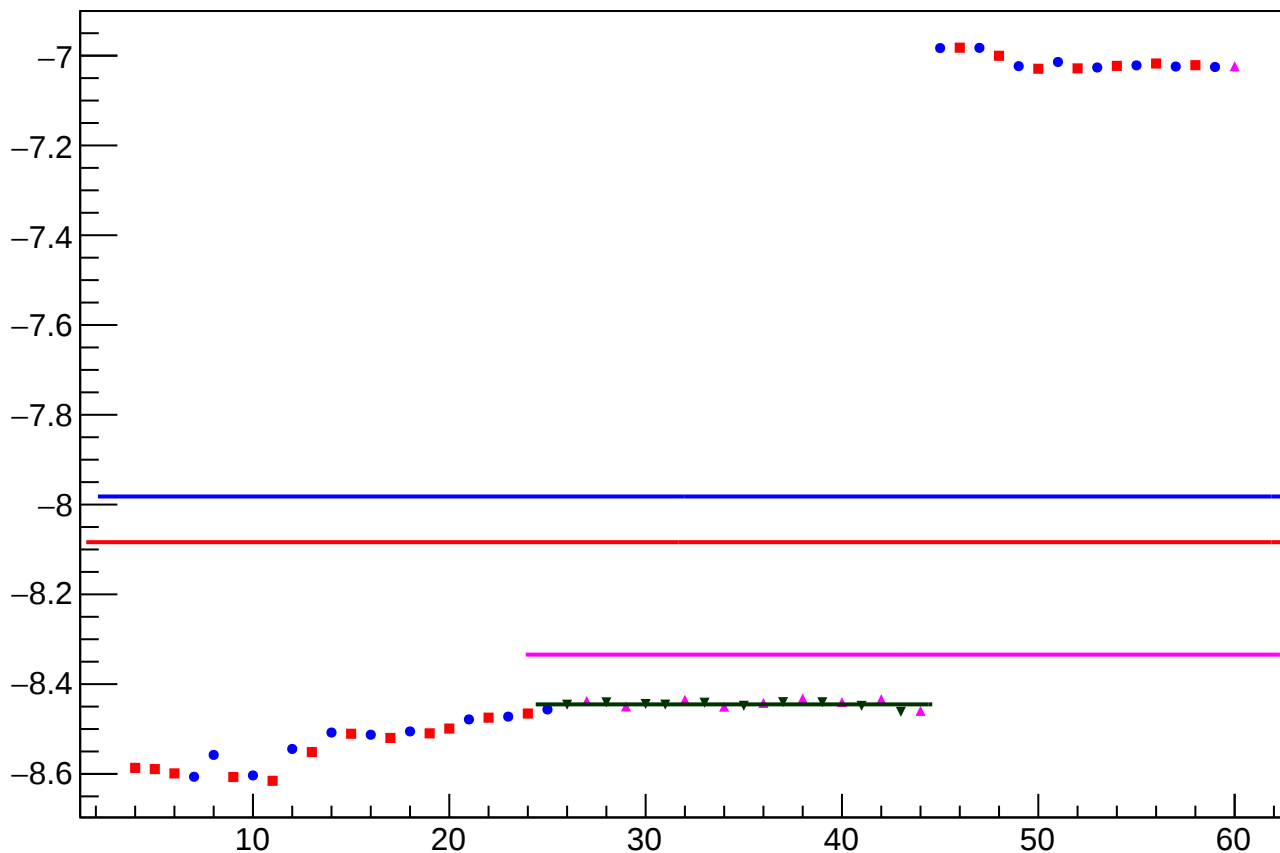
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF :26616.9/9

0.008+/-0.000 χ^2/NDF : 253563.8/27

0.008+/-0.000 χ^2/NDF : 215137.3/28

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

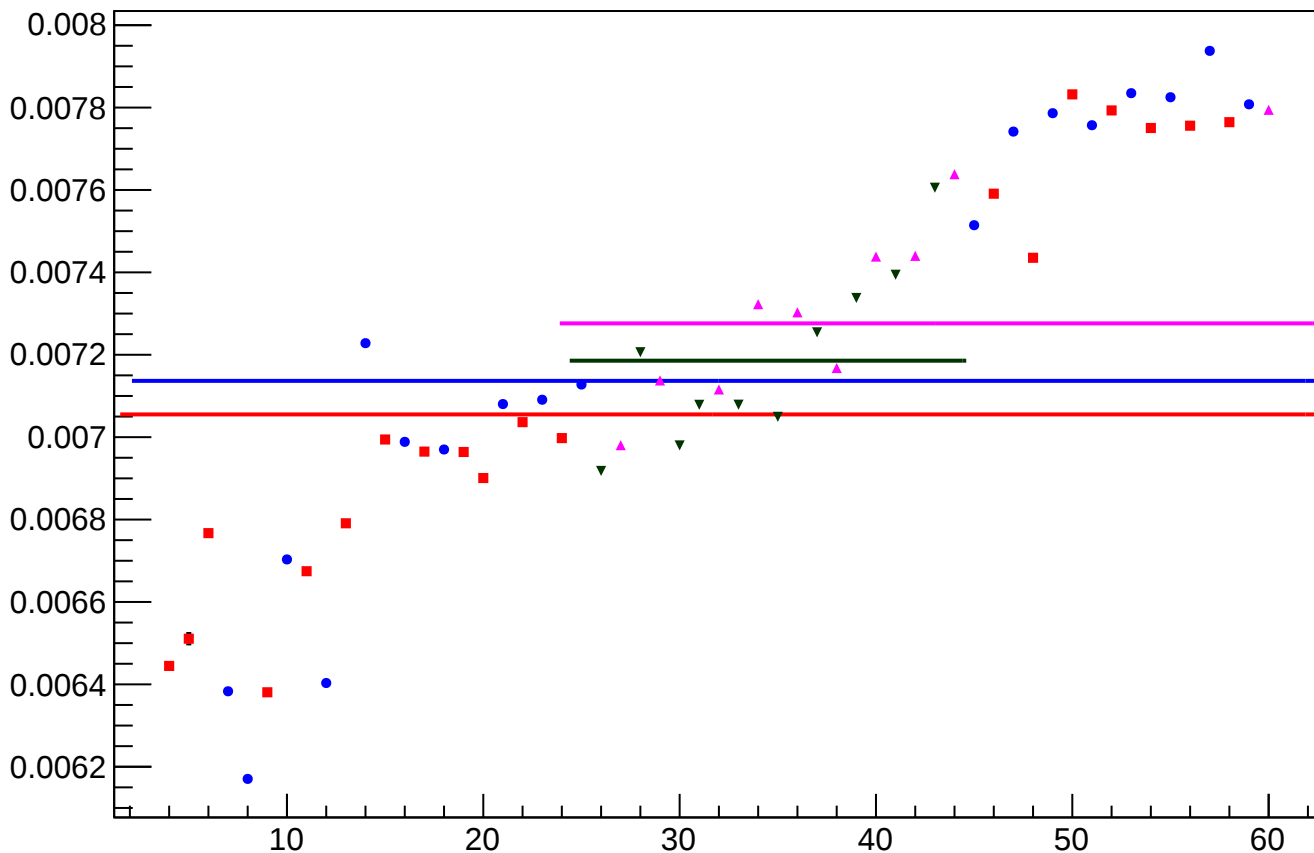
Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

Left In: -8.334+/-0.000 χ^2/NDF : 16393961634.8/9

-8.131+/-0.000 χ^2/NDF : 131628550952.5/27

-8.176+/-0.000 χ^2/NDF : 120514383524.9/28

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 : 7631.6/9

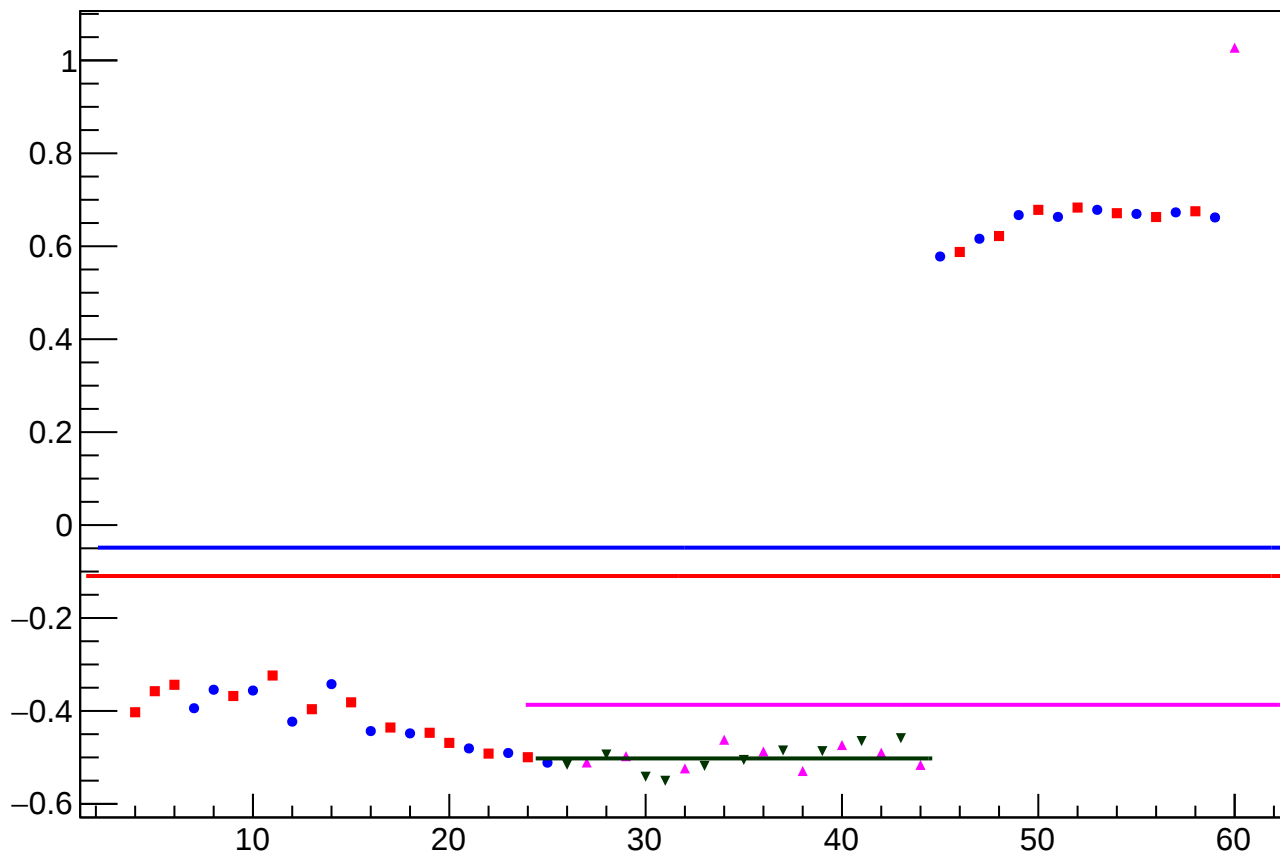
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.007+/-0.000 χ^2/NDF : 12927.8/9

0.007+/-0.000 χ^2/NDF : 149363.7/27

0.007+/-0.000 χ^2/NDF : 108974.2/28

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: -0.502+/-0.000 χ^2/NDF : 9337230.3/9

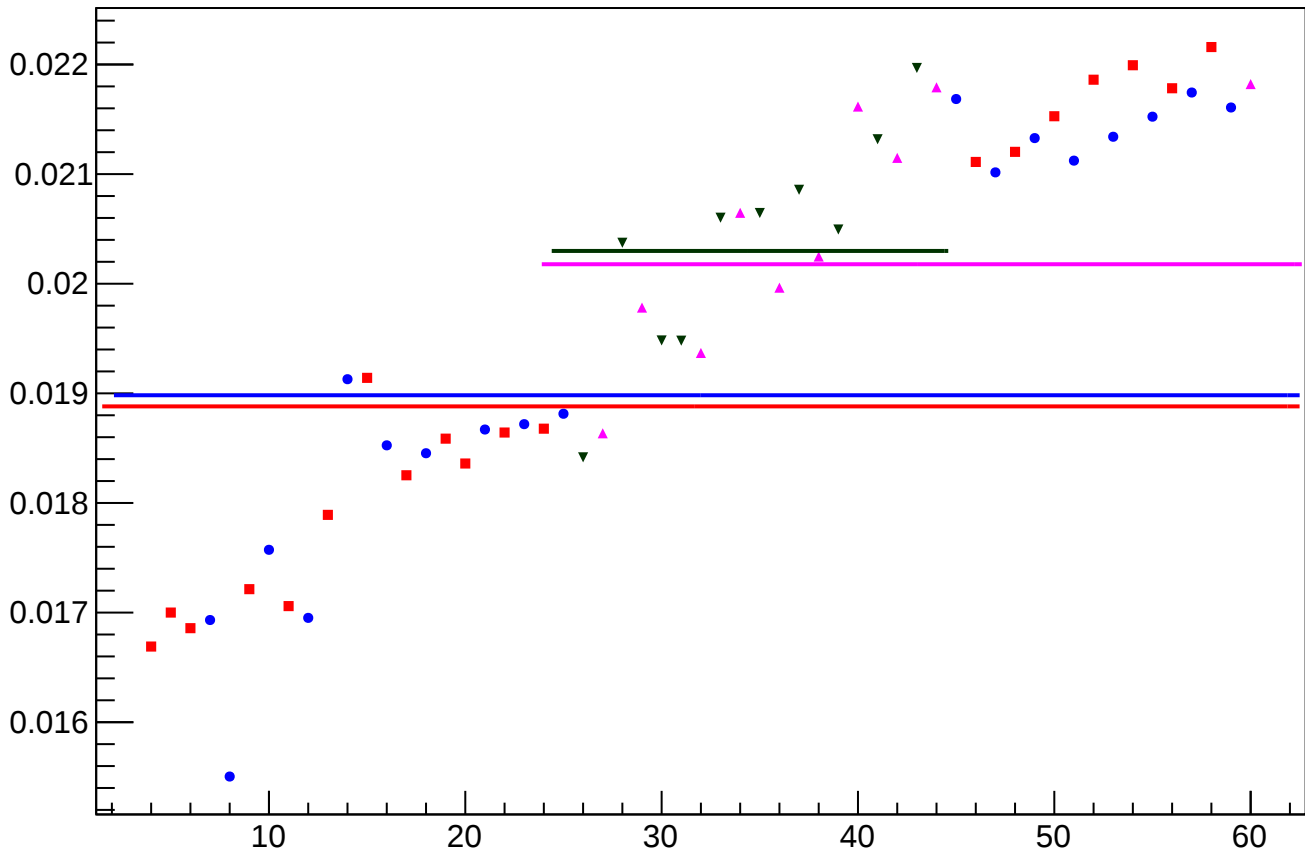
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: -0.387+/-0.000 χ^2/NDF : 2437029641.1/9

-0.182+/-0.000 χ^2/NDF : 9672151302.5/27

-0.207+/-0.000 χ^2/NDF : 9439894441.6/28

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 254927.5/17

Left Out: 0.020+/-0.000 χ^2/NDF :22702.3/9

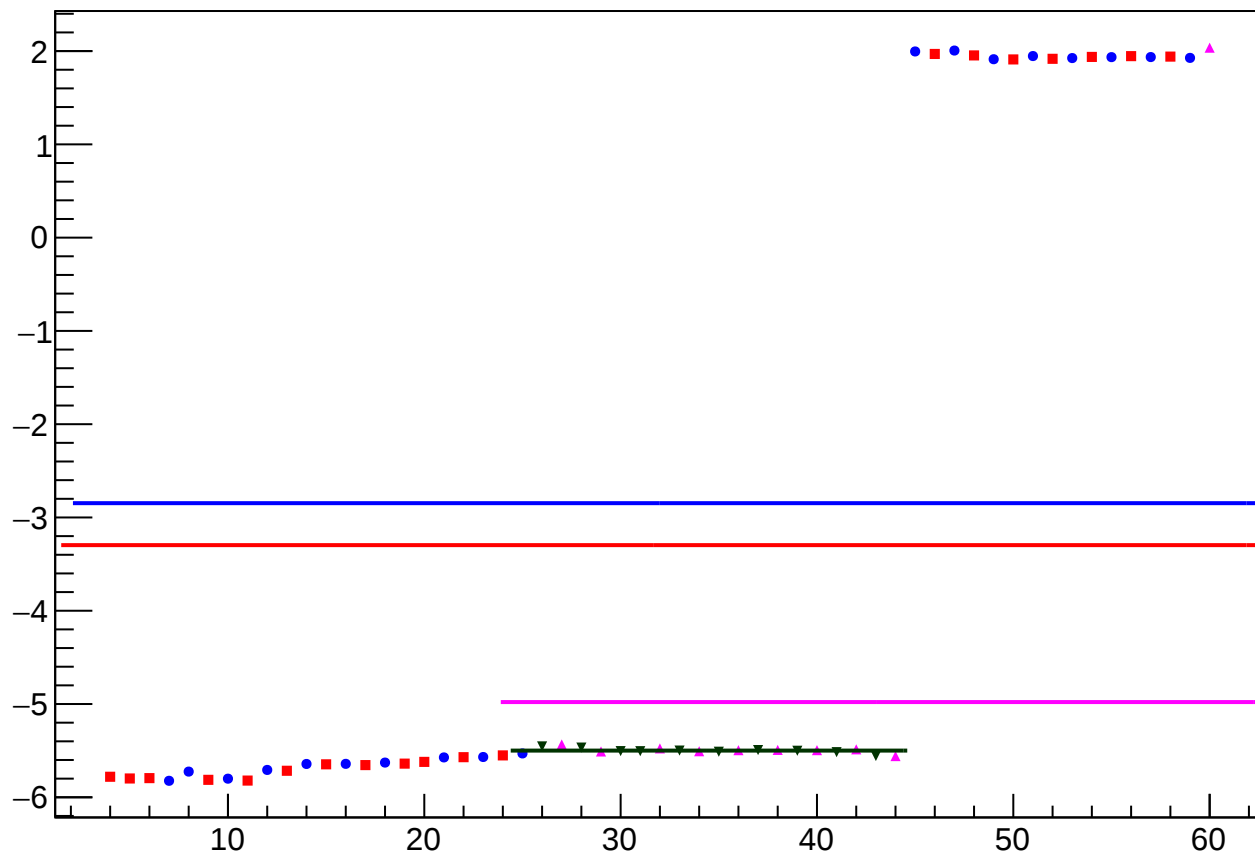
Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

Left In: 0.020+/-0.000 χ^2/NDF :33863.7/9

0.019+/-0.000 χ^2/NDF : 308900.6/27

0.019+/-0.000 χ^2/NDF : 256973.2/28

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

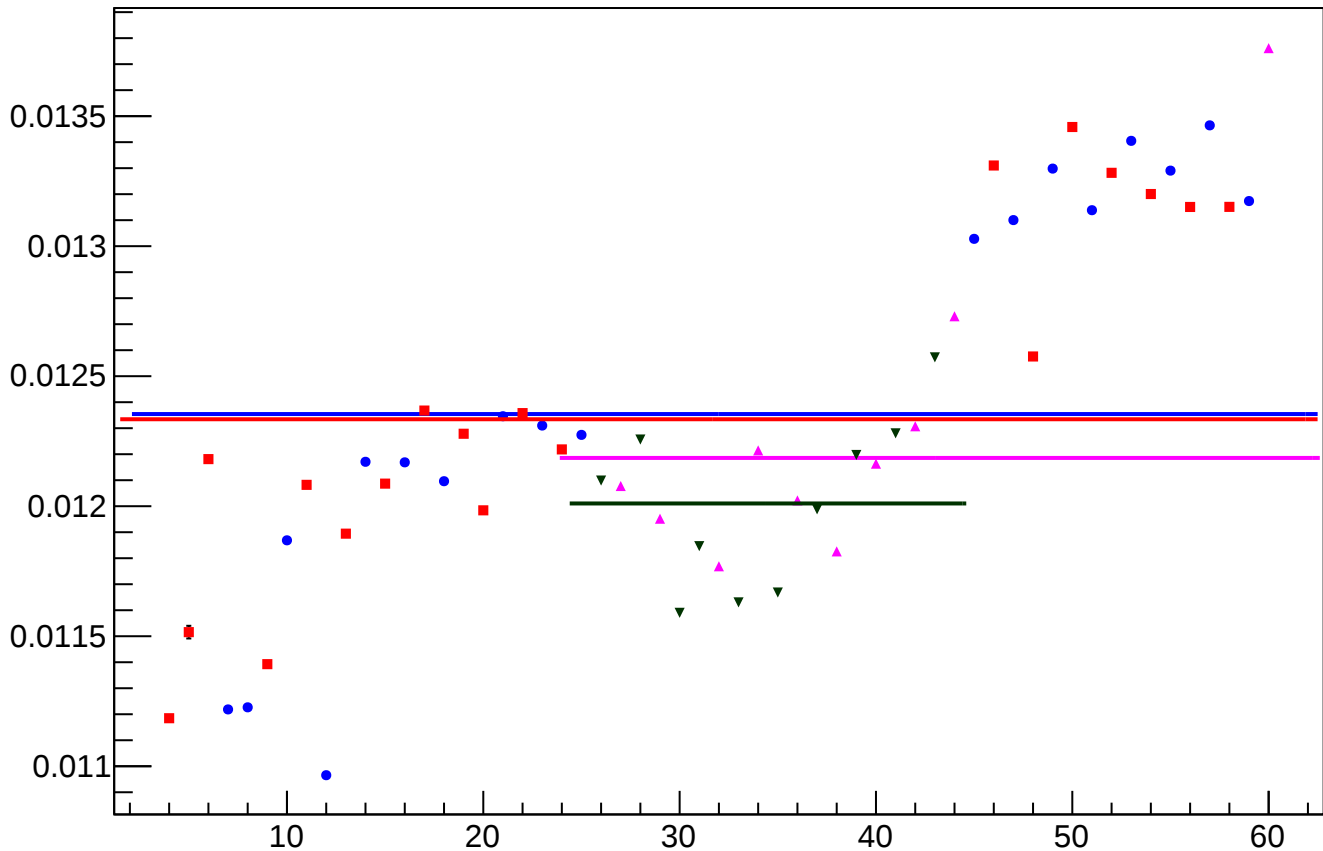
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -4.979+/-0.000 χ^2/NDF : 148525815694.6/9

-3.741+/-0.000 χ^2/NDF : 1161212108131.2/27

-3.953+/-0.000 χ^2/NDF : 1039196807556.7/28

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 89844.3/17

Left Out: 0.012+/-0.000 χ^2/NDF : 6913.8/9

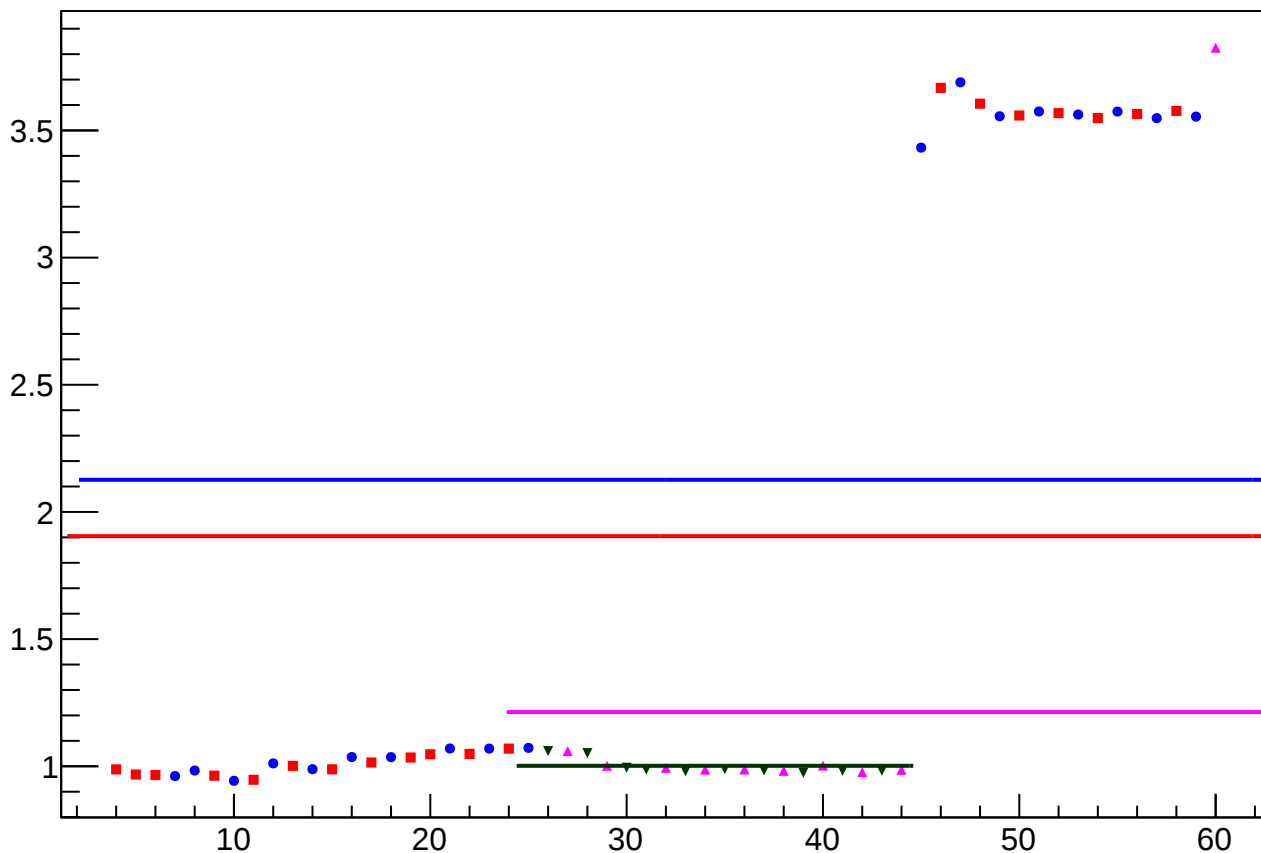
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.012+/-0.000 χ^2/NDF : 20114.9/9

0.012+/-0.000 χ^2/NDF : 102575.9/27

0.012+/-0.000 χ^2/NDF : 76120.9/28

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 1.002+/-0.000 χ^2/NDF : 93267140.0/9

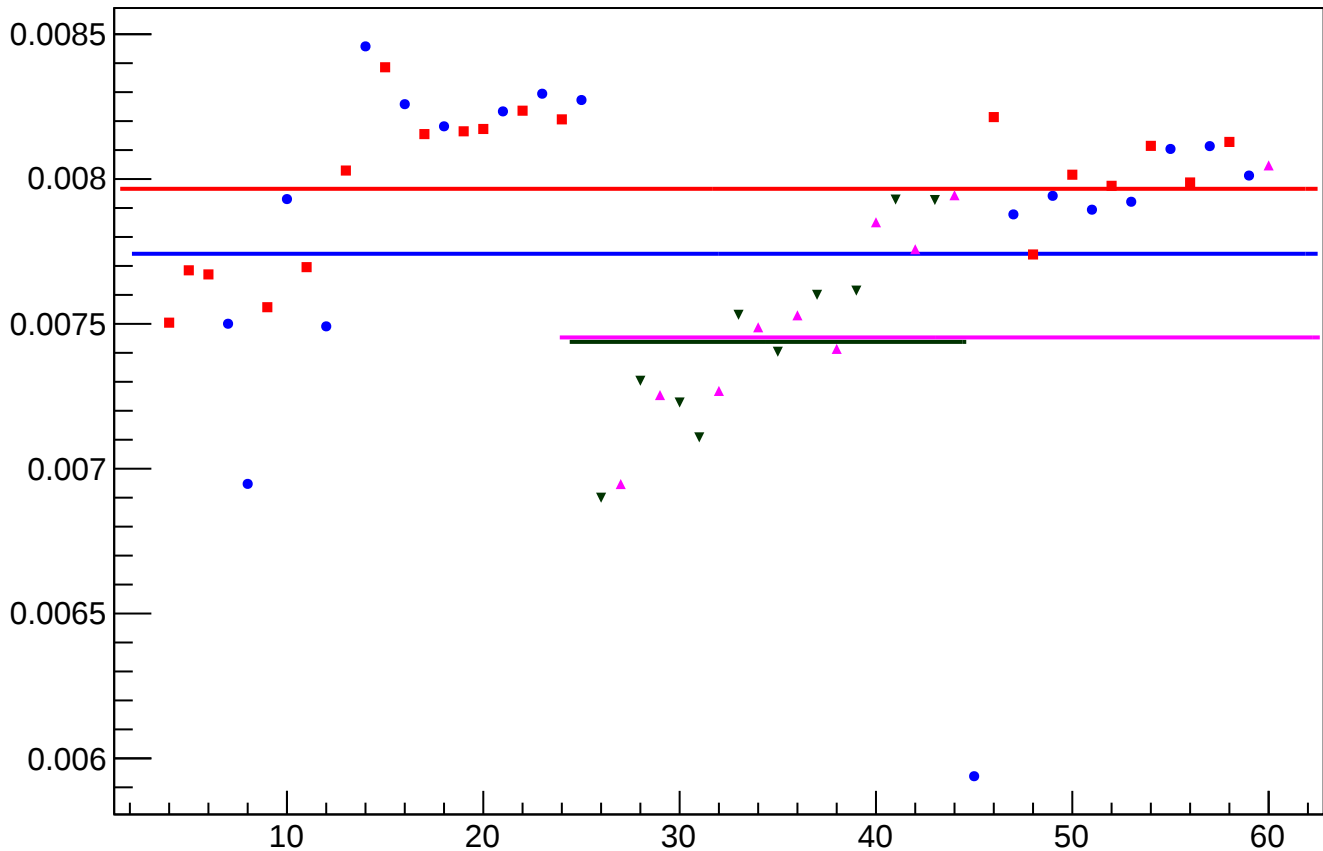
1.742+/-0.000 χ^2/NDF : 372281087984.6/27

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

1.619+/-0.000 χ^2/NDF : 326821439294.8/28

Left In: 1.213+/-0.000 χ^2/NDF : 60118821291.0/9

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 178907.2/17

Left Out: 0.007+/-0.000 χ^2/NDF :18100.0/9

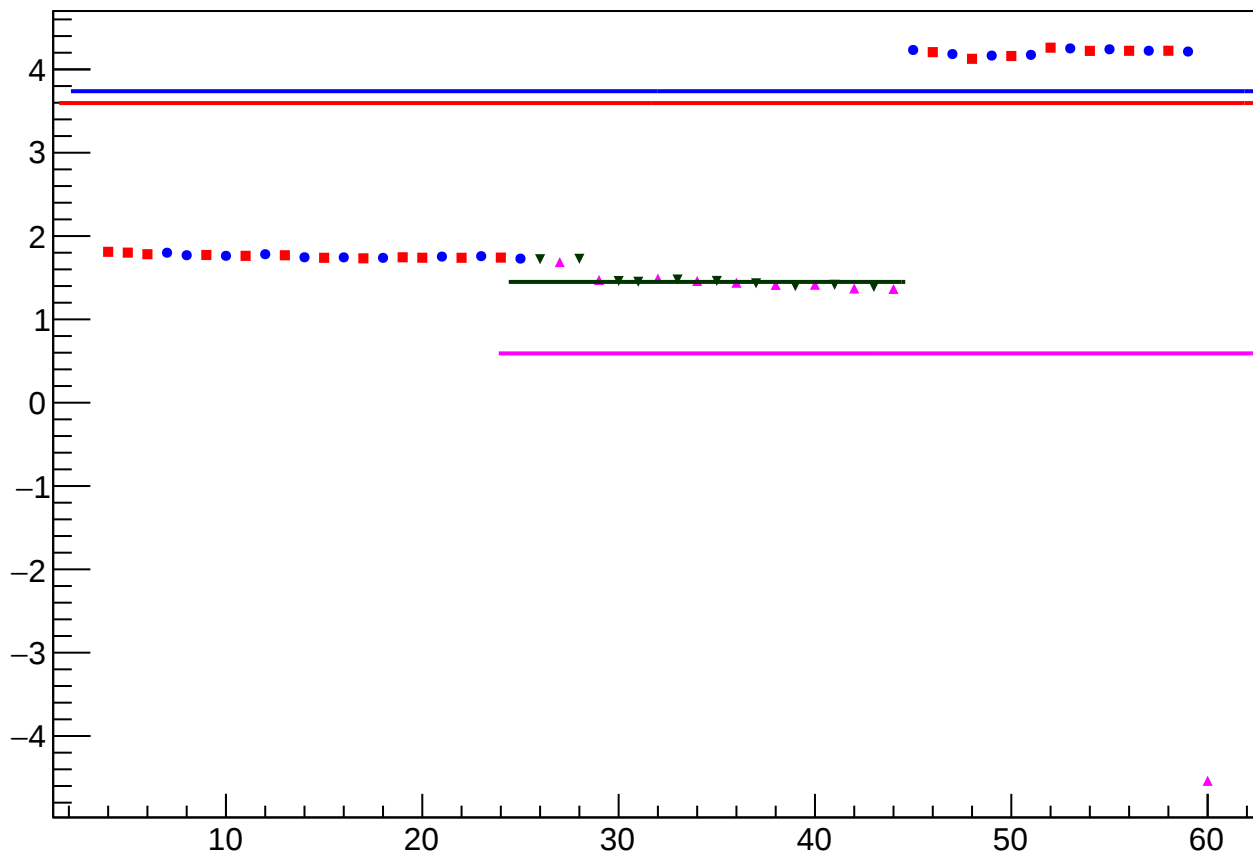
0.008+/-0.000 χ^2/NDF : 208649.9/27

Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

0.008+/-0.000 χ^2/NDF : 79000.7/28

Left In: 0.007+/-0.000 χ^2/NDF :25153.2/9

yield_bpm1i04Y_mean vs slug



Right In: 3.738 $\pm$ 0.000 χ^2 /NDF: 502669373965.6/17

Left Out: 1.450 $\pm$ 0.000 χ^2 /NDF: 719591225.9/9

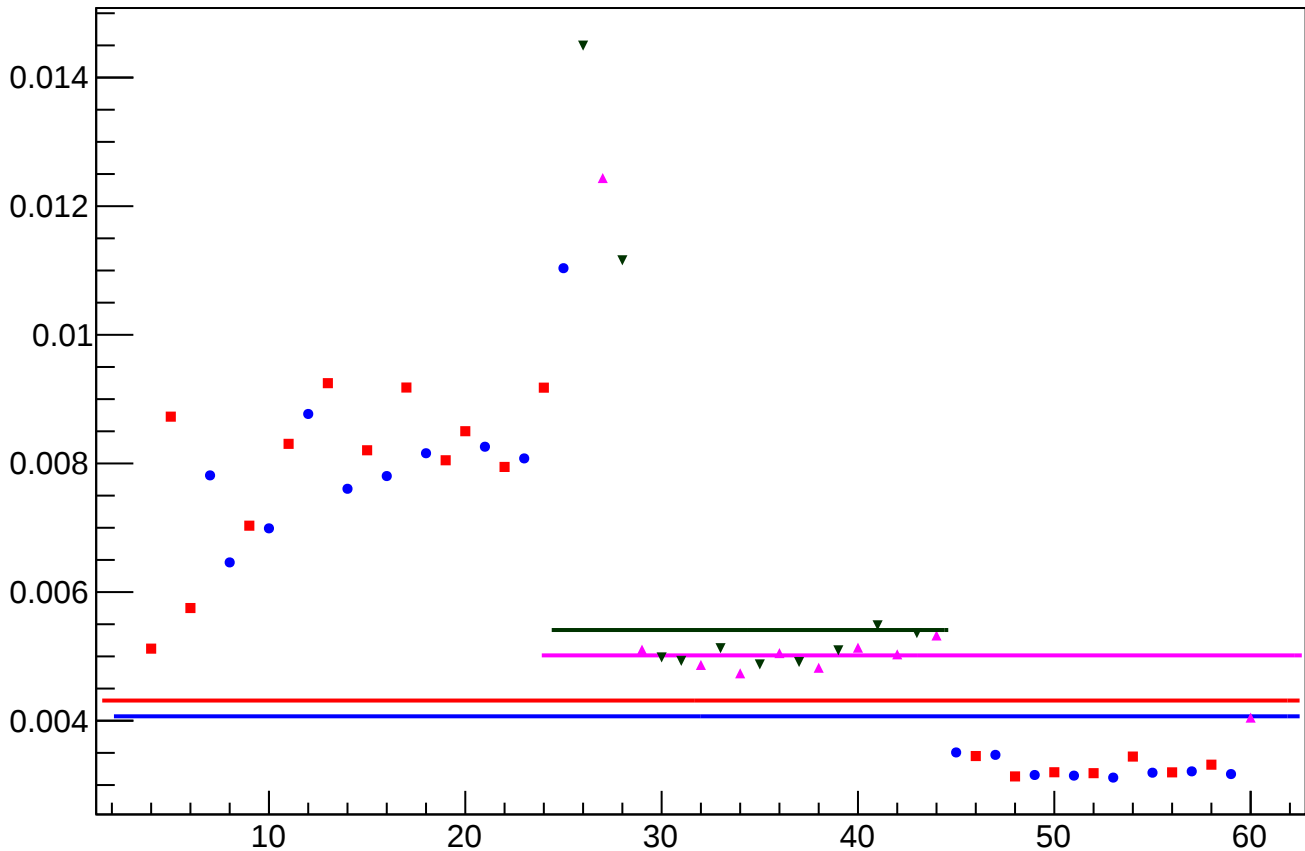
Right Out: 3.596 $\pm$ 0.000 χ^2 /NDF: 468031292414.6/18

Left In: 0.592 $\pm$ 0.000 χ^2 /NDF: 958514550638.7/9

3.216 $\pm$ 0.000 χ^2 /NDF: 1148100410090.5/27

2.567 $\pm$ 0.000 χ^2 /NDF: 2726717181628.8/28

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 : 753040.6/9

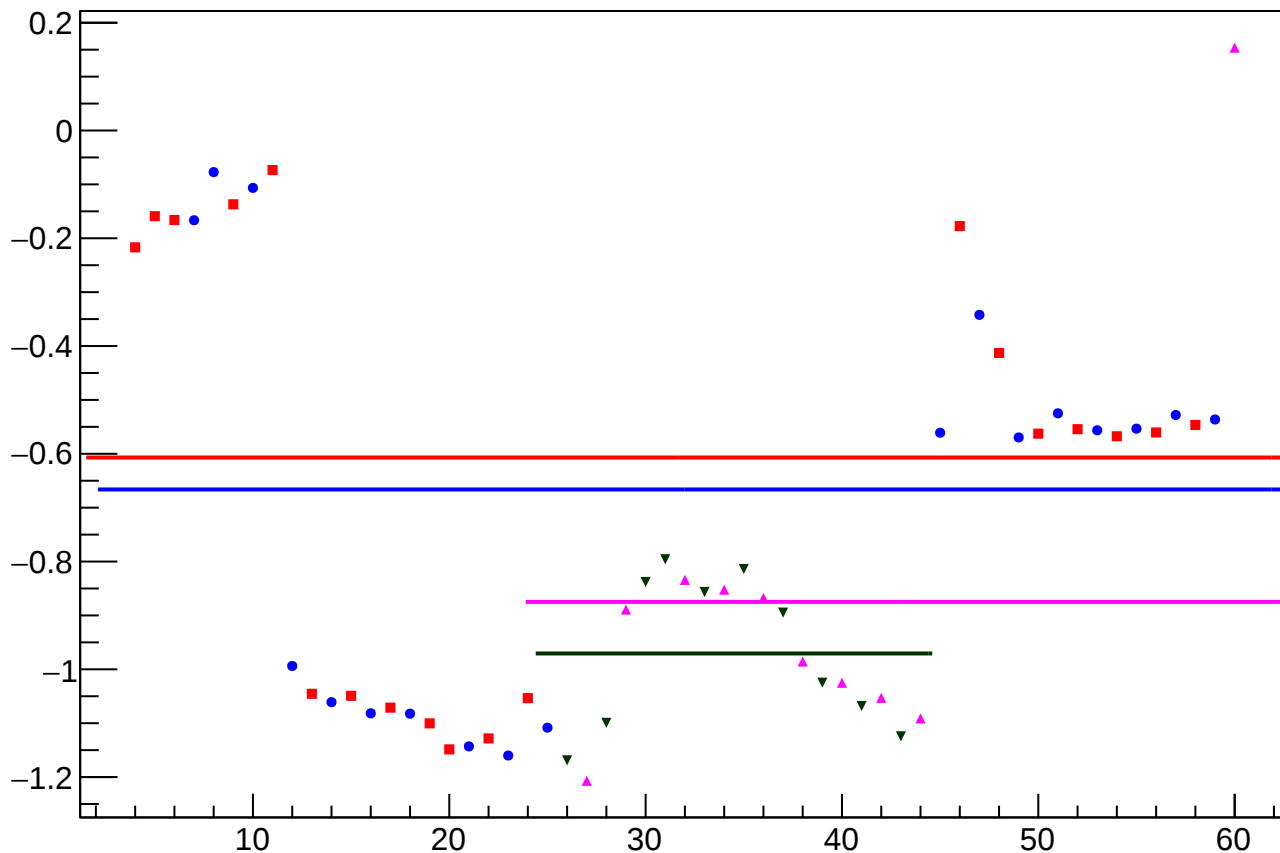
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF : 582309.9/9

0.004+/-0.000 χ^2/NDF : 4597940.7/27

0.005+/-0.000 χ^2/NDF : 3965578.6/28

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.971+/-0.000 χ^2/NDF : 1156218036.6/9

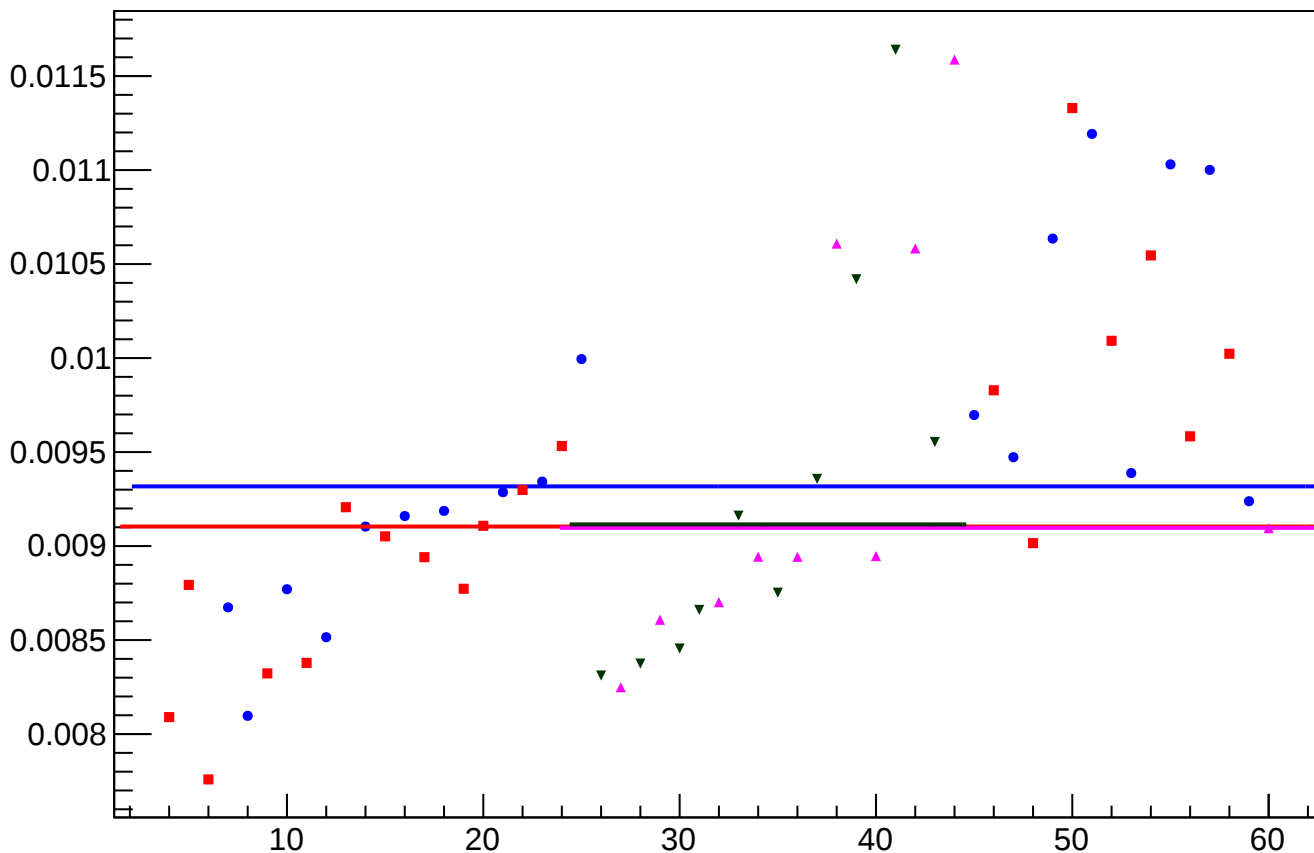
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.875+/-0.000 χ^2/NDF : 8628411773.7/9

-0.767+/-0.000 χ^2/NDF : 24135041558.0/27

-0.710+/-0.000 χ^2/NDF : 31056476987.6/28

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 :104201.5/9

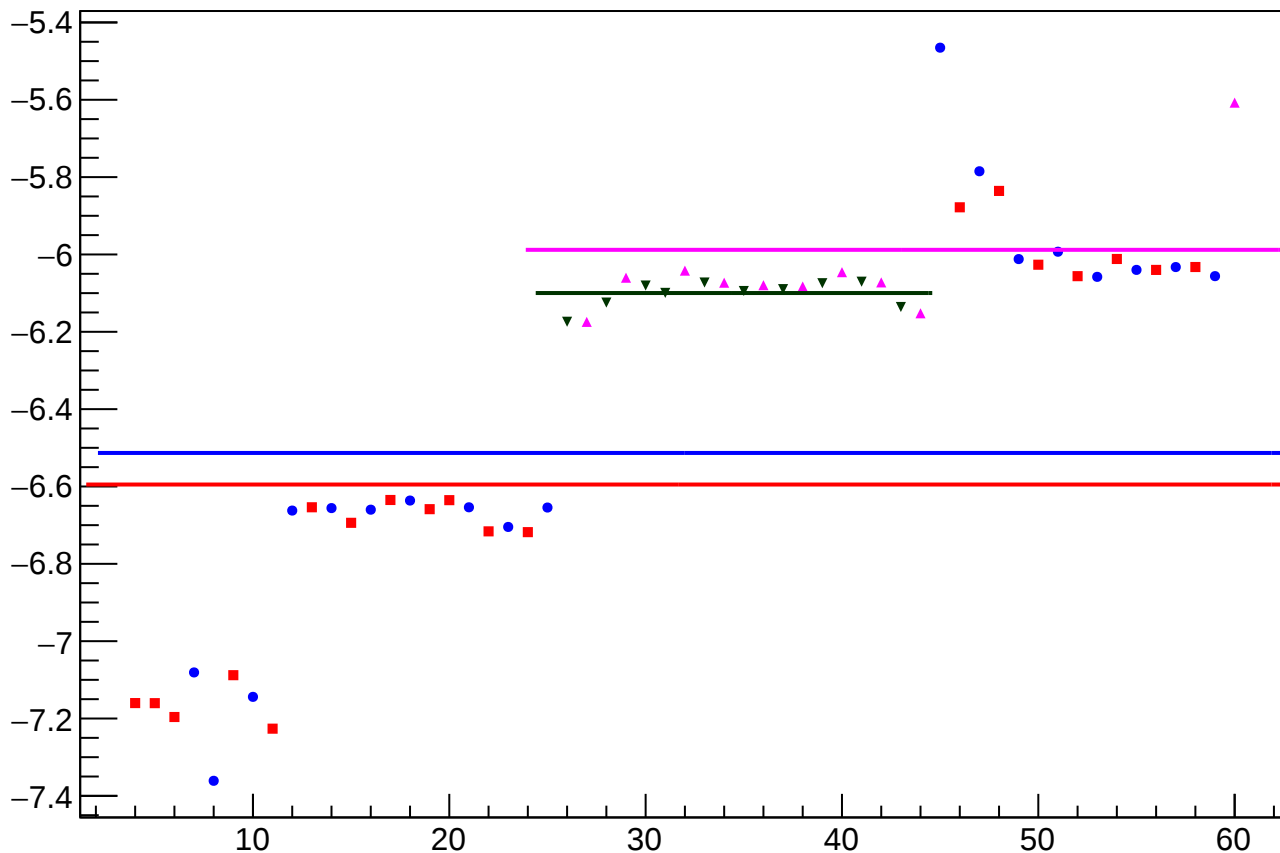
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :115547.7/9

0.009+/-0.000 χ^2/NDF : 273362.1/27

0.009+/-0.000 χ^2/NDF : 274644.9/28

yield_bpm0l01Y_mean vs slug



Right In: -6.513+/-0.000 χ^2/NDF : 34103178286.6/17

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

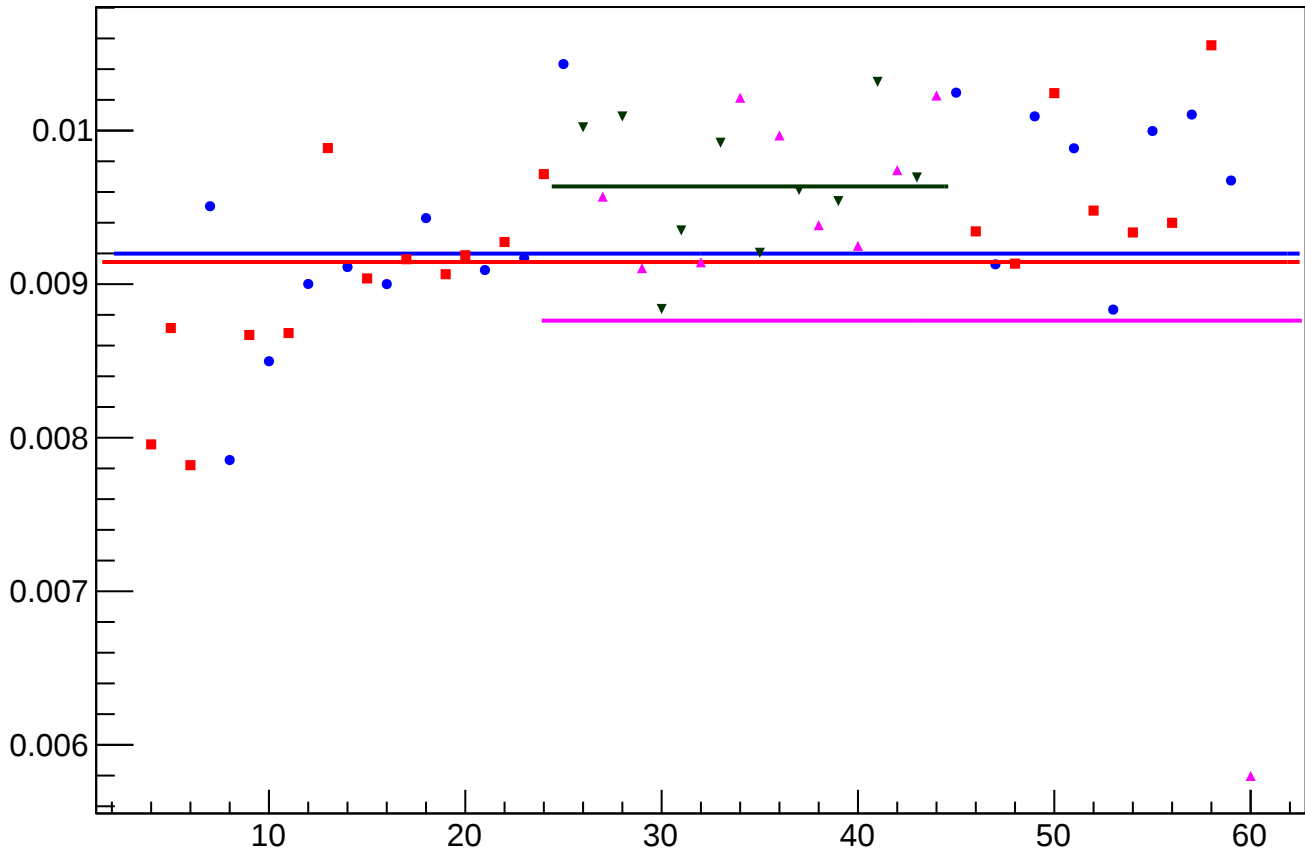
Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.988+/-0.000 χ^2/NDF : 2940780389.8/9

-6.389+/-0.000 χ^2/NDF : 40743714602.1/27

-6.352+/-0.000 χ^2/NDF : 45475947982.9/28

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.010+/-0.000 χ^2/NDF : 21331.0/9

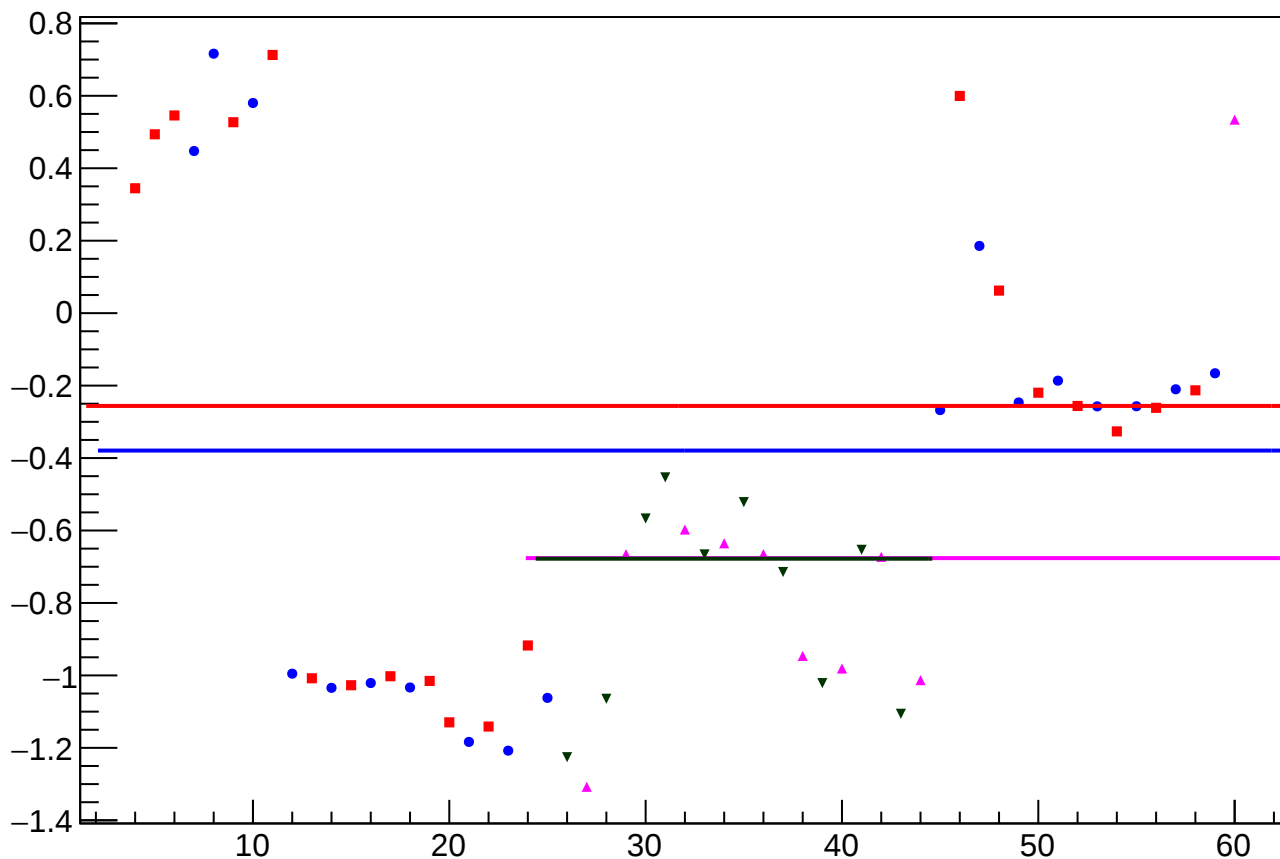
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.009+/-0.000 χ^2/NDF : 360602.3/9

0.009+/-0.000 χ^2/NDF : 156600.0/27

0.009+/-0.000 χ^2/NDF : 475088.9/28

yield_bpm0l02X_mean vs slug



Right In: -0.379+/-0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.678+/-0.000 χ^2/NDF :1358570765.2/9

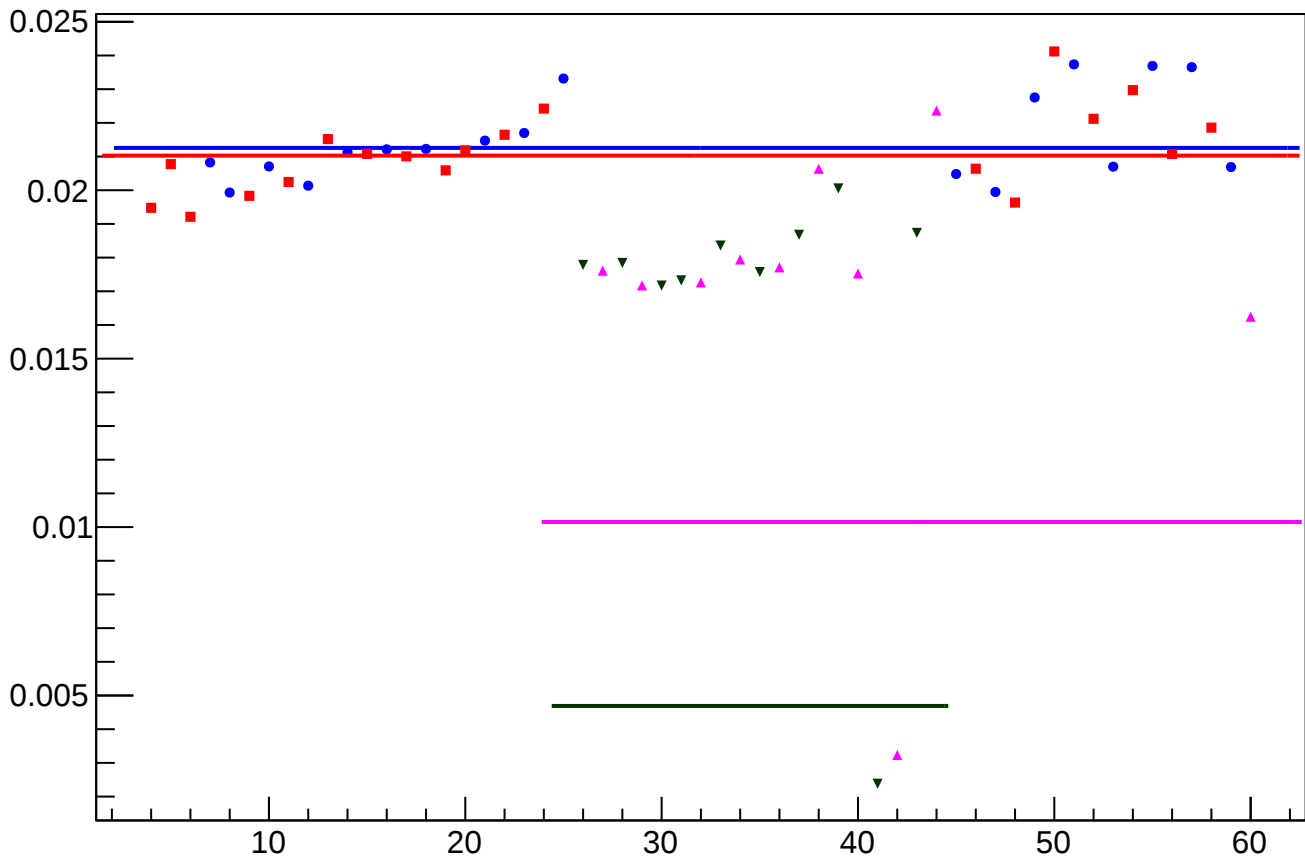
Right Out: -0.256+/-0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.676+/-0.000 χ^2/NDF :4363993009.2/9

-0.617+/-0.000 χ^2/NDF : 13229506606.6/27

-0.518+/-0.000 χ^2/NDF : 16897326747.8/28

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 : 5998219.6/9

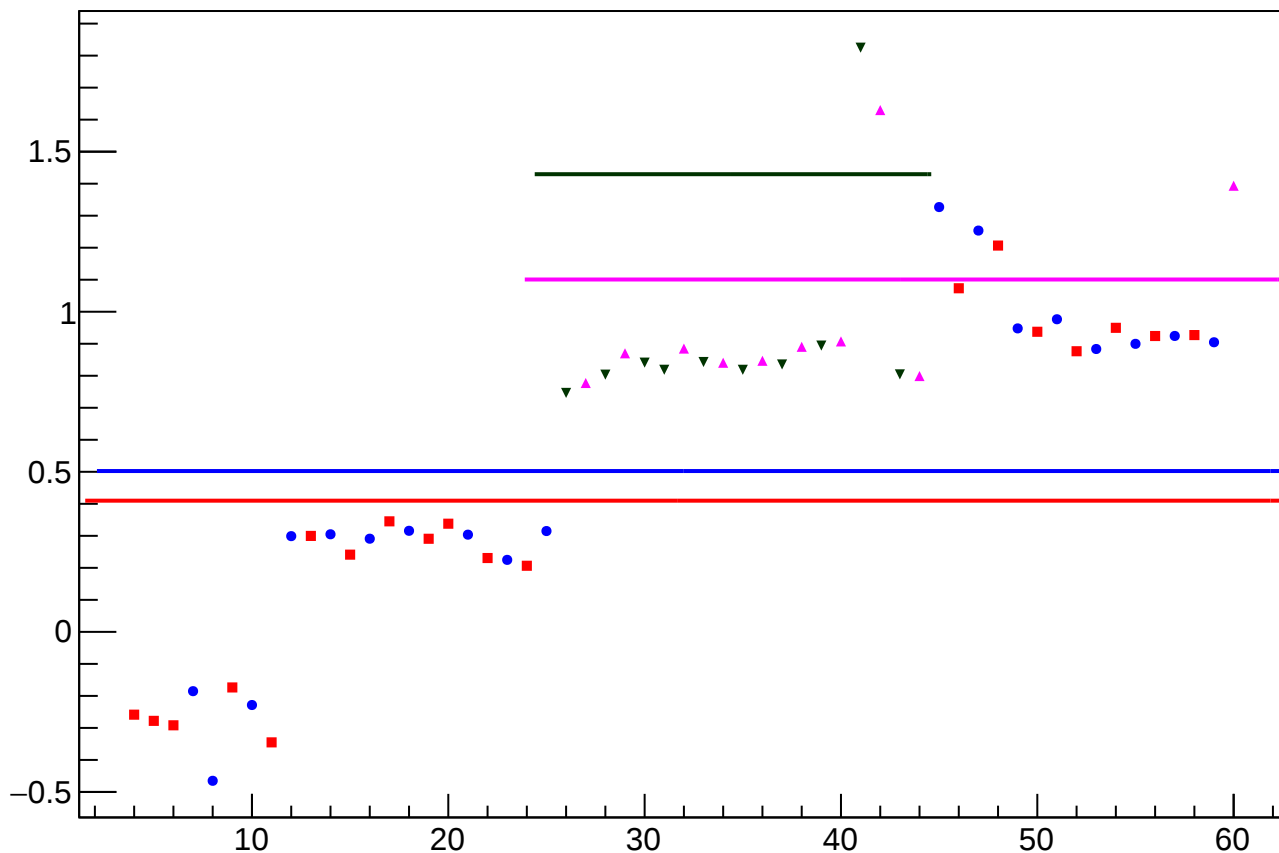
Right Out: 0.021 ± 0.000 χ^2/NDF : 62886.6/18

Left In: 0.010 ± 0.000 χ^2/NDF : 3975281.9/9

0.008 ± 0.000 χ^2/NDF : 16750163.1/27

0.014 ± 0.000 χ^2/NDF : 7295595.7/28

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.430 $\pm$ 0.000 χ^2 /NDF: 20131817794.8/9

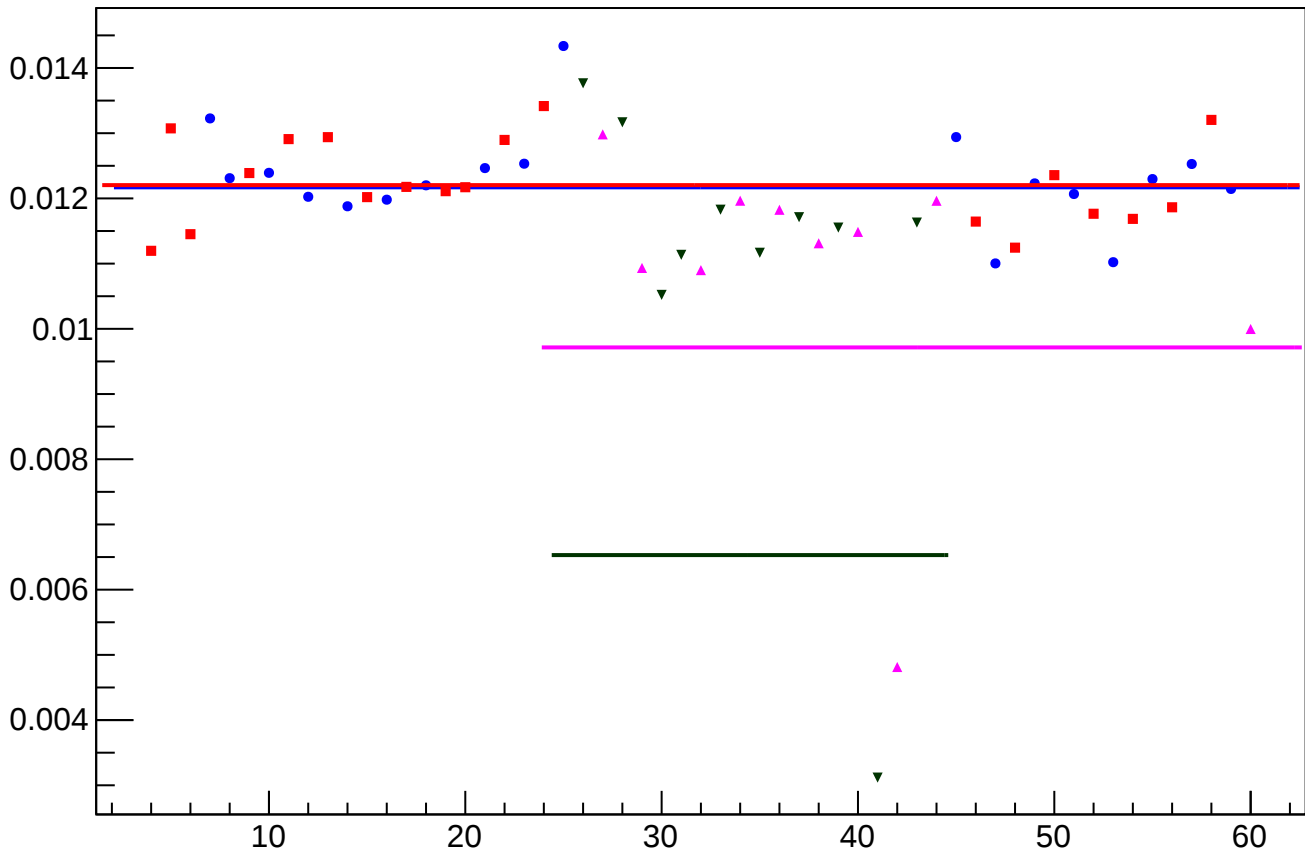
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.101 $\pm$ 0.000 χ^2 /NDF: 6785864549.4/9

0.997 $\pm$ 0.000 χ^2 /NDF: 73183549237.5/27

0.733 $\pm$ 0.000 χ^2 /NDF: 37670923900.7/28

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:3050338.6/9

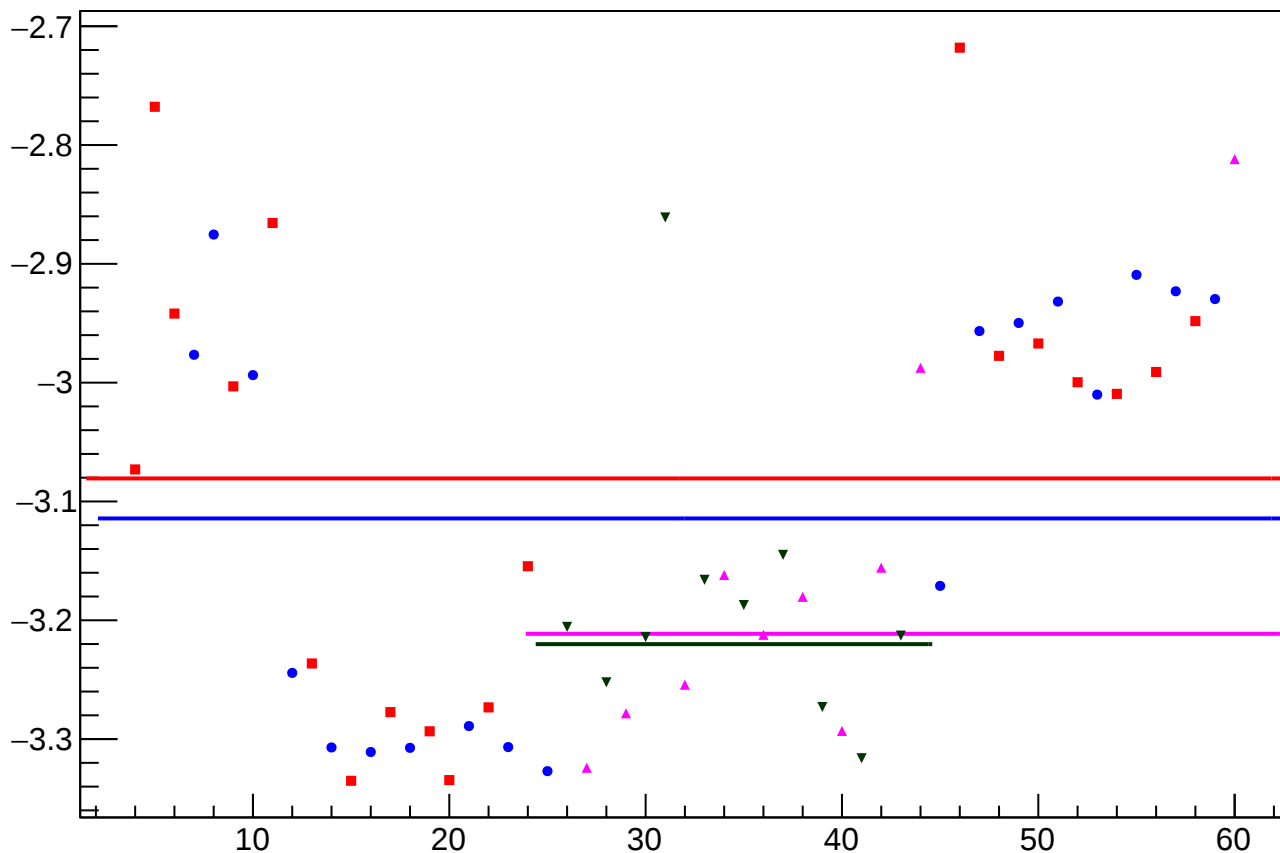
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:979959.6/9

0.009 $\pm$ 0.000 χ^2 /NDF: 5603874.8/27

0.011 $\pm$ 0.000 χ^2 /NDF: 1408128.3/28

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

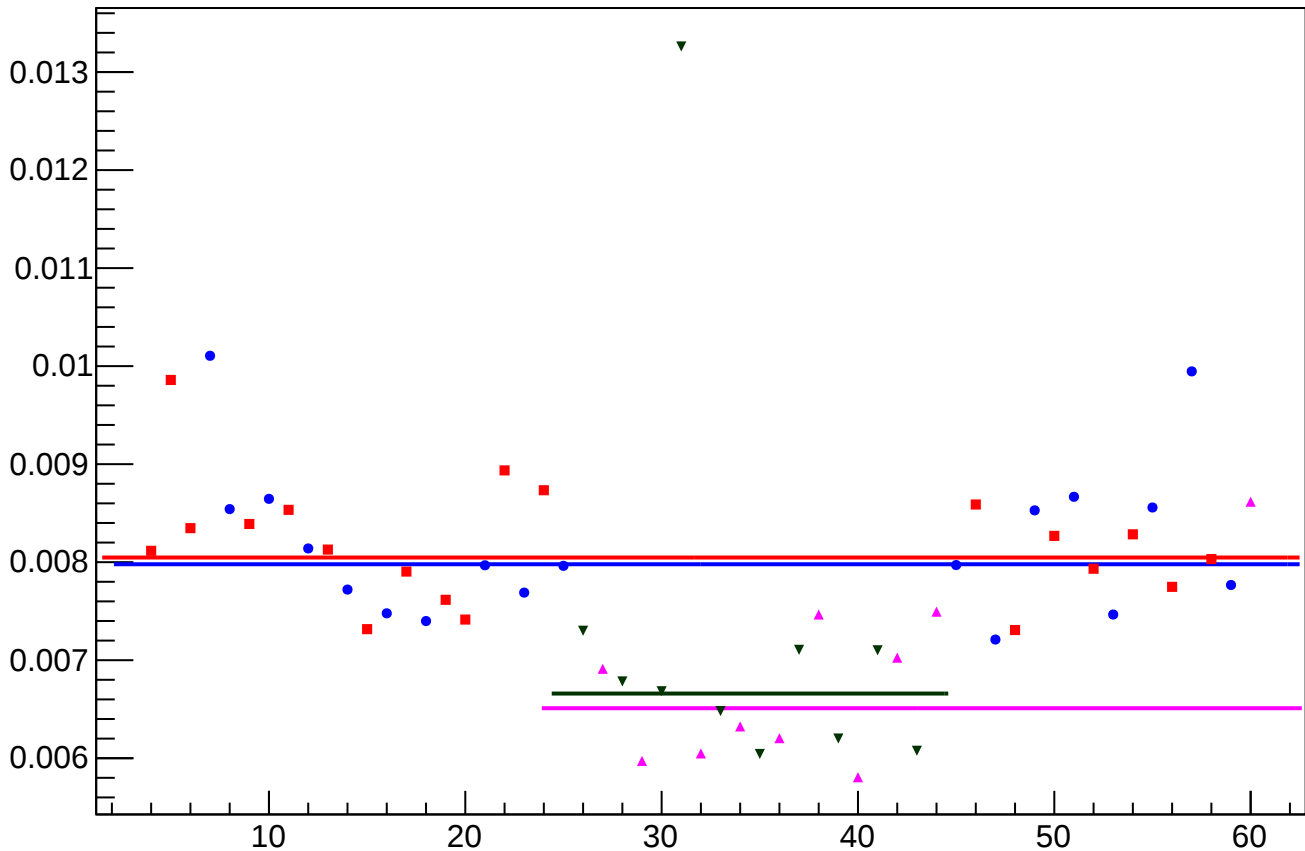
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.211+/-0.000 χ^2/NDF : 1867063613.1/9

-3.156+/-0.000 χ^2/NDF : 5724116446.8/27

-3.145+/-0.000 χ^2/NDF : 6791044436.8/28

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 : 169219.9/9

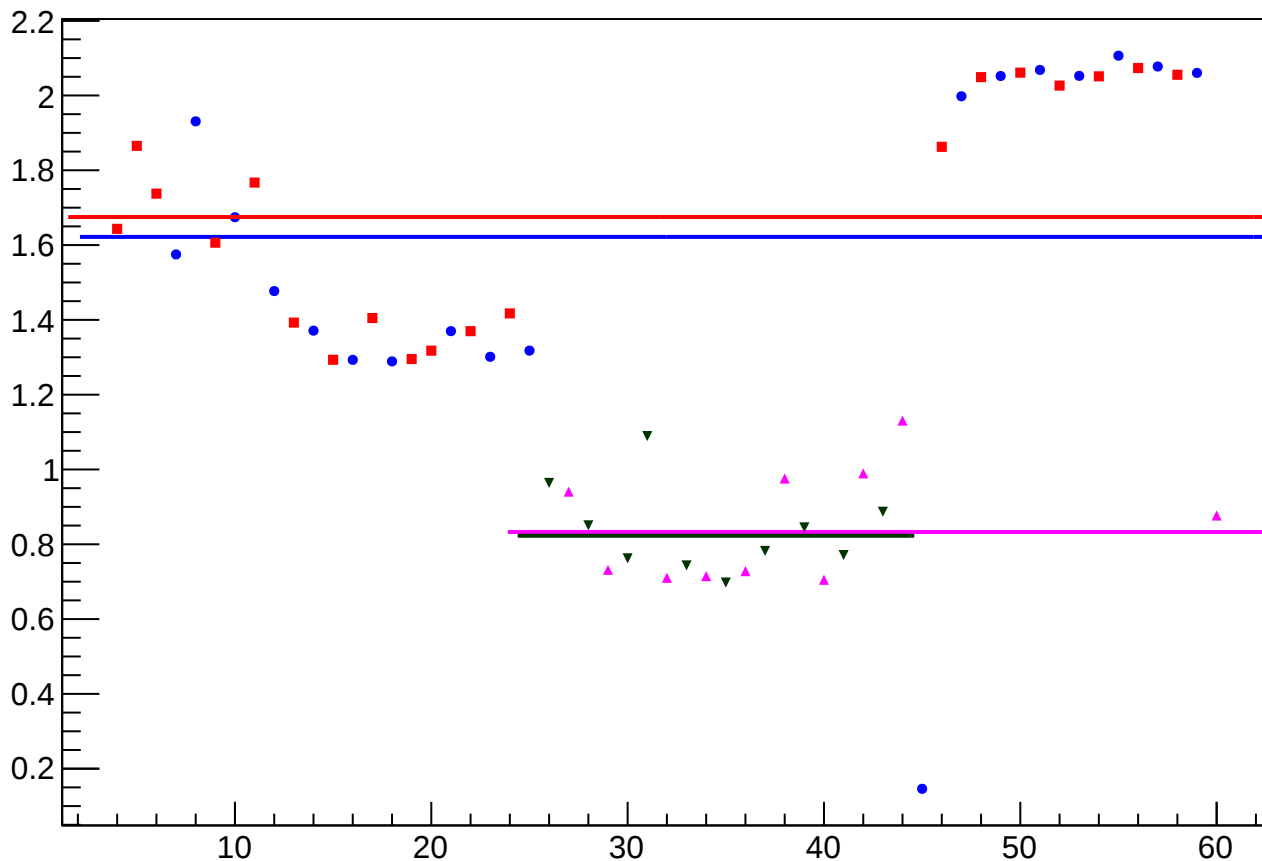
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 132496.4/9

0.007+/-0.000 χ^2/NDF : 472196.6/27

0.007+/-0.000 χ^2/NDF : 489884.6/28

yield_bpm0l03Y_mean vs slug



Right In: 1.622+/-0.000 χ^2/NDF : 26006902897.9/17

Left Out: 0.823+/-0.000 χ^2/NDF : 373202951.2/9

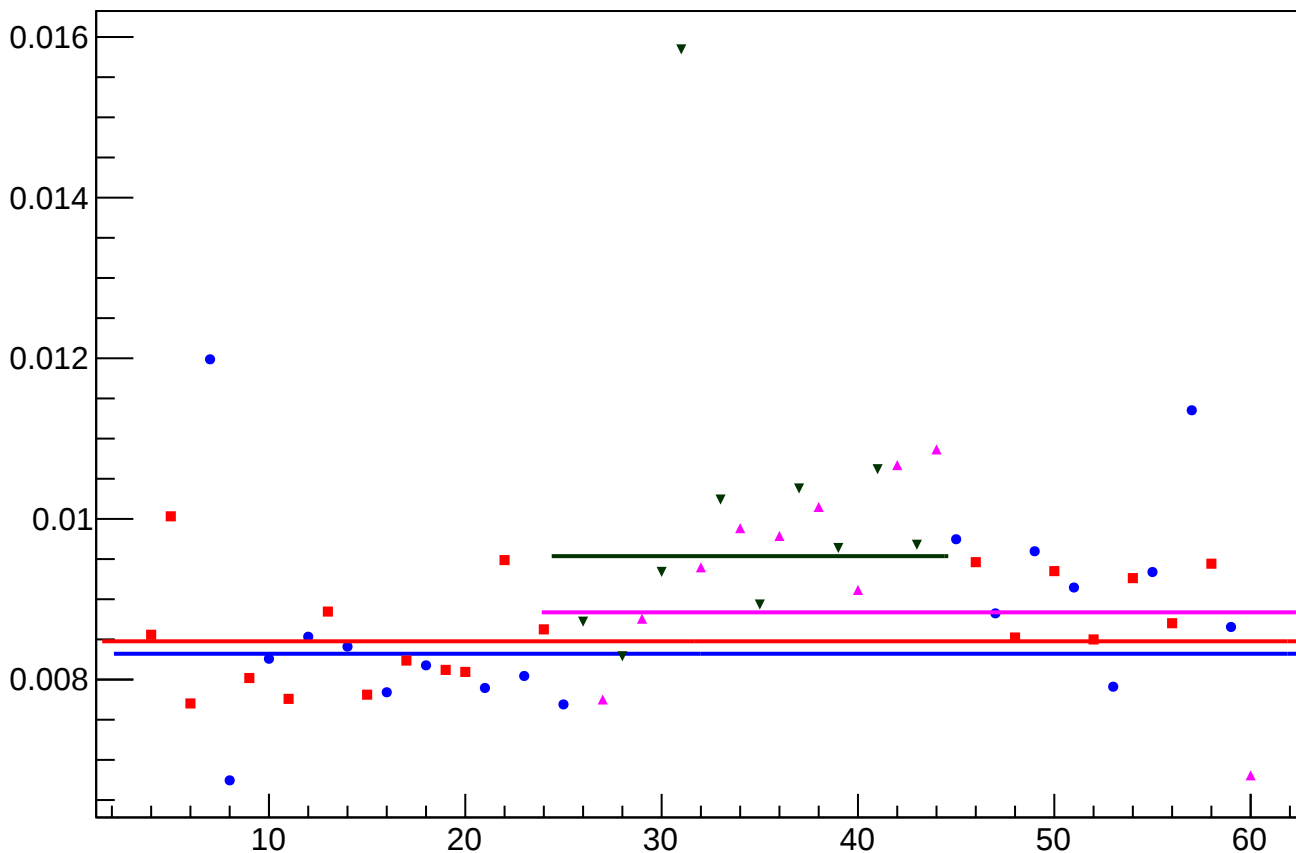
Right Out: 1.675+/-0.000 χ^2/NDF : 9809193440.2/18

Left In: 0.833+/-0.000 χ^2/NDF : 1077954623.4/9

1.412+/-0.000 χ^2/NDF : 49022135471.2/27

1.362+/-0.000 χ^2/NDF : 40879681167.1/28

yield_bpm0l03Y_rms vs slug



Right In: 0.008 ± 0.000 χ^2/NDF : 231289.2/17

Left Out: 0.010 ± 0.000 χ^2/NDF : 144258.2/9

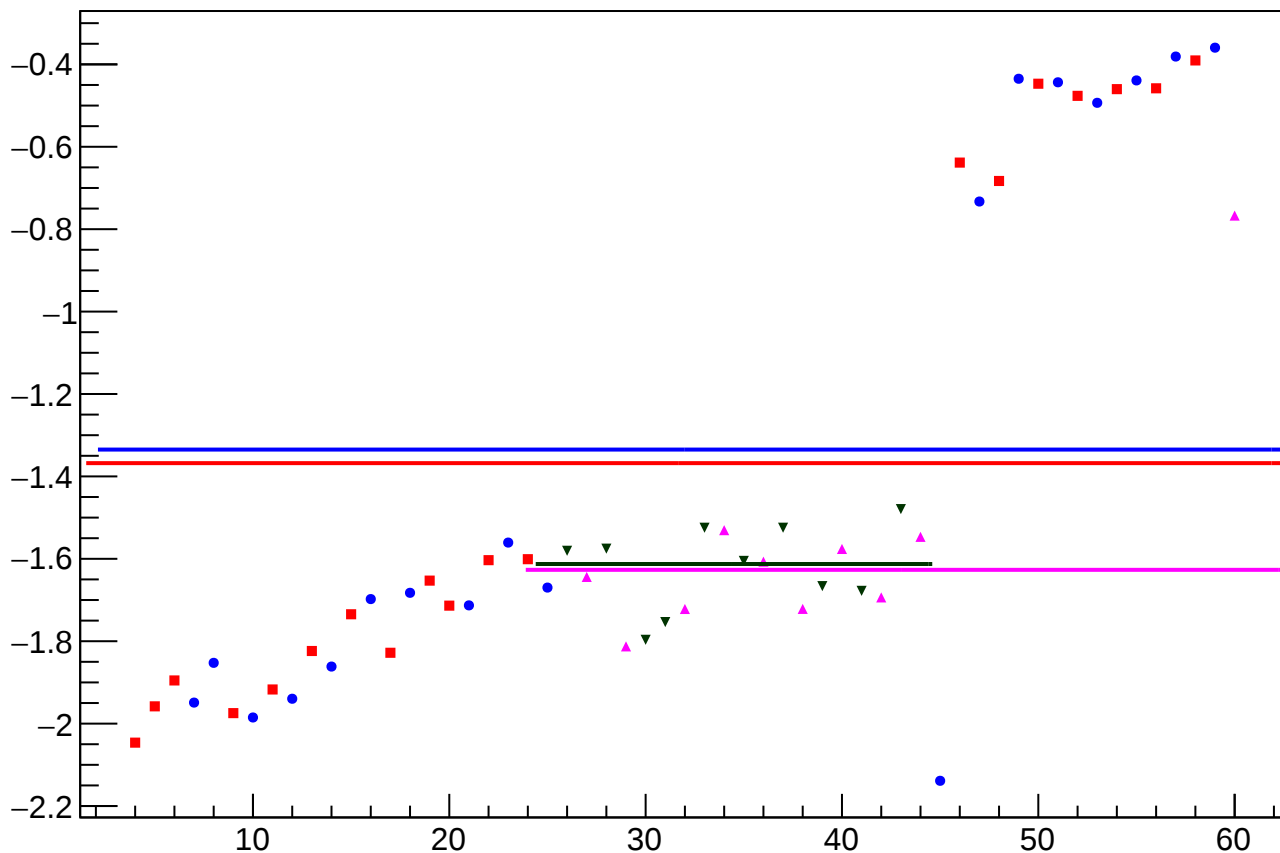
Right Out: 0.008 ± 0.000 χ^2/NDF : 80155.6/18

Left In: 0.009 ± 0.000 χ^2/NDF : 201835.7/9

0.009 ± 0.000 χ^2/NDF : 480309.5/27

0.009 ± 0.000 χ^2/NDF : 292998.8/28

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.613+/-0.000 χ^2/NDF : 327148879.4/9

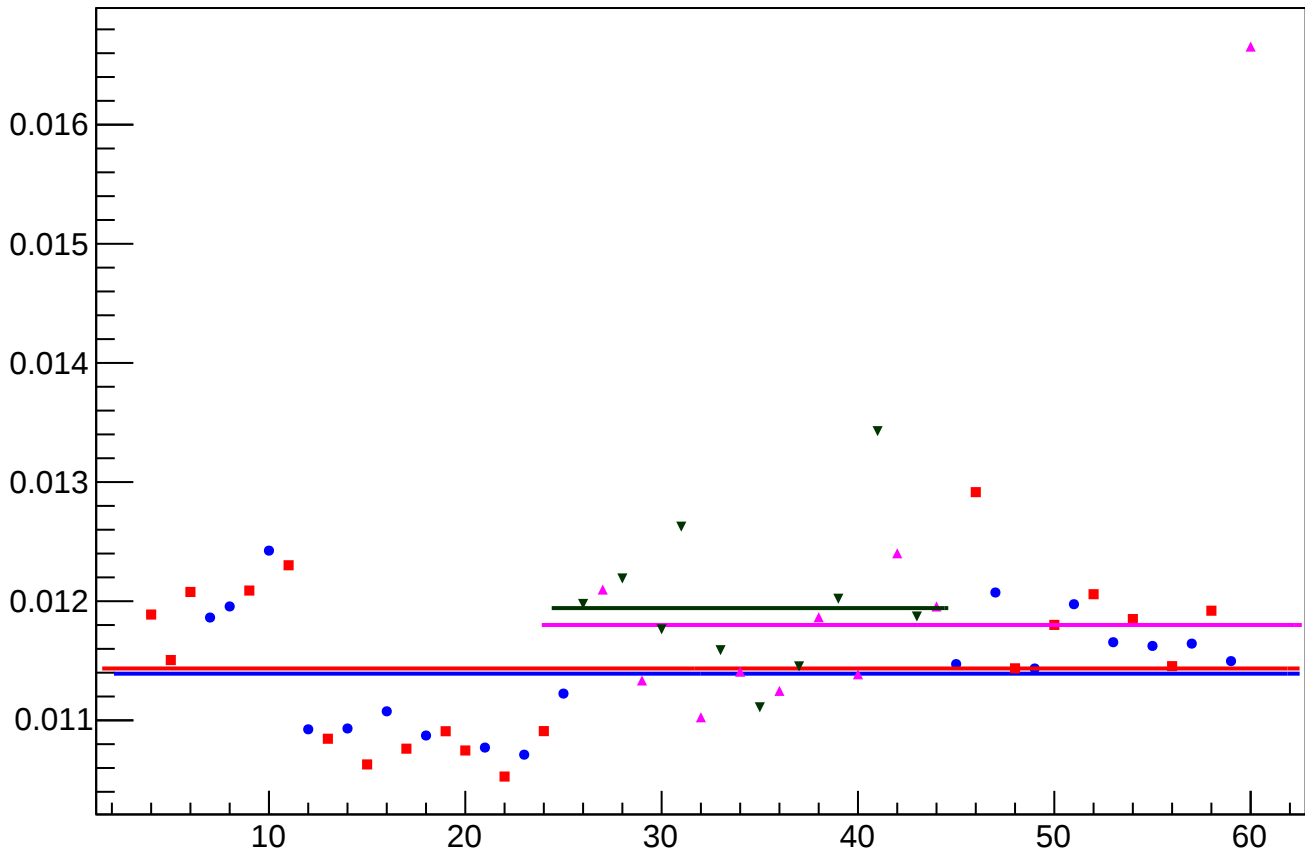
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.627+/-0.000 χ^2/NDF : 1836910836.7/9

-1.418+/-0.000 χ^2/NDF : 40702342287.1/27

-1.463+/-0.000 χ^2/NDF : 32740118521.1/28

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 : 25348.0/9

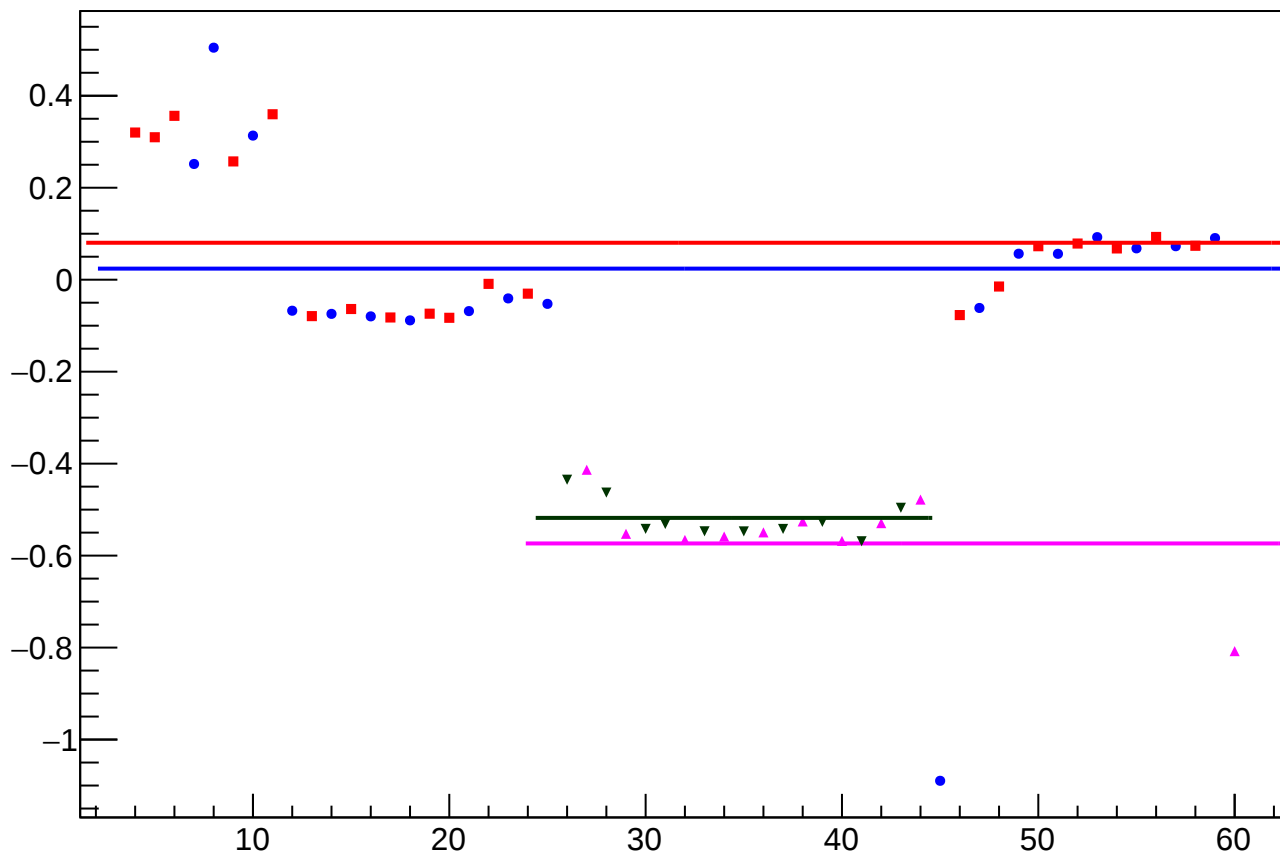
Right Out: 0.011 ± 0.000 χ^2/NDF : 65676.1/18

Left In: 0.012 ± 0.000 χ^2/NDF : 111090.5/9

0.012 ± 0.000 χ^2/NDF : 82870.3/27

0.012 ± 0.000 χ^2/NDF : 184107.3/28

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

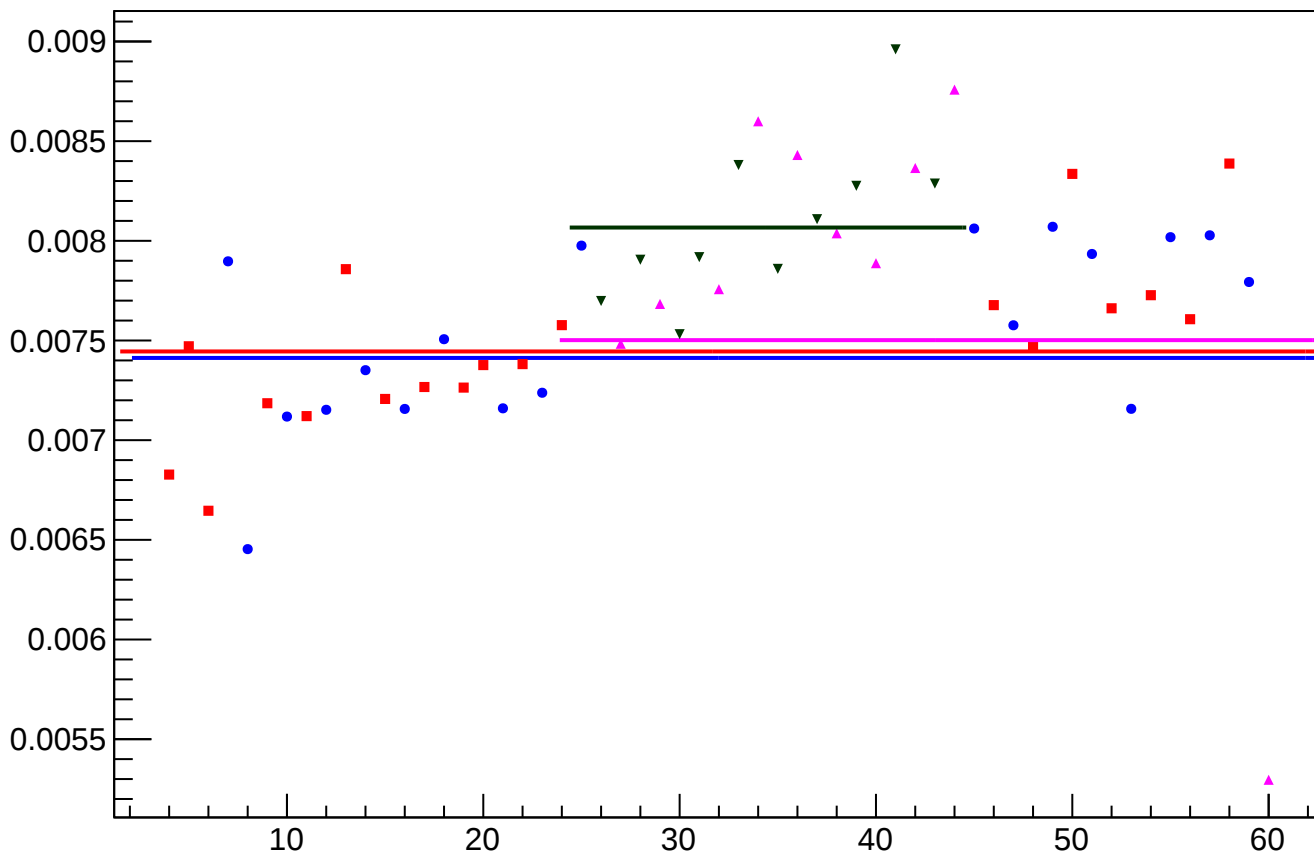
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.574+/-0.000 χ^2/NDF : 1512798014.7/9

-0.130+/-0.000 χ^2/NDF : 34948307283.5/27

-0.167+/-0.000 χ^2/NDF : 33997117531.3/28

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 : 23022.1/9

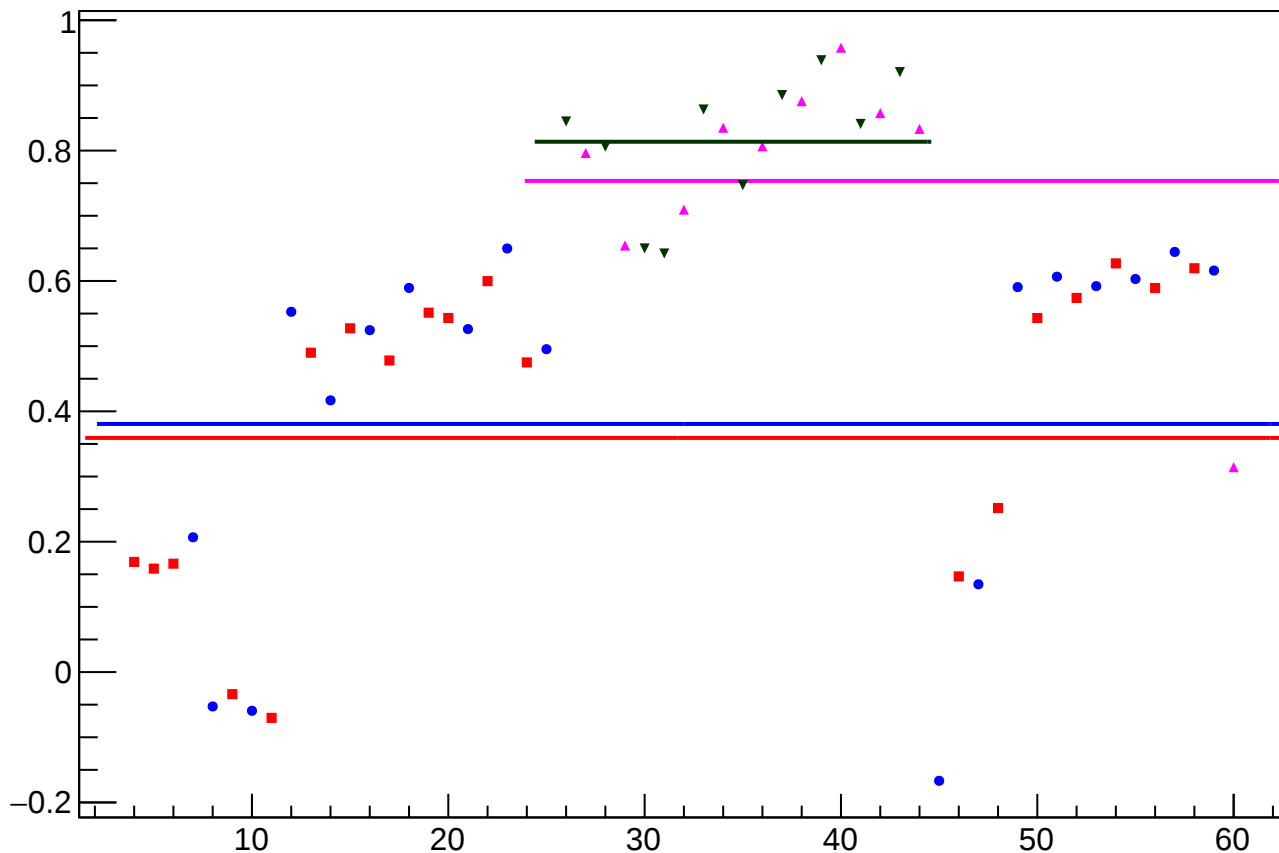
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.008+/-0.000 χ^2/NDF : 251912.0/9

0.008+/-0.000 χ^2/NDF : 162435.2/27

0.007+/-0.000 χ^2/NDF : 313455.1/28

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.814+/-0.000 χ^2/NDF : 993349923.9/9

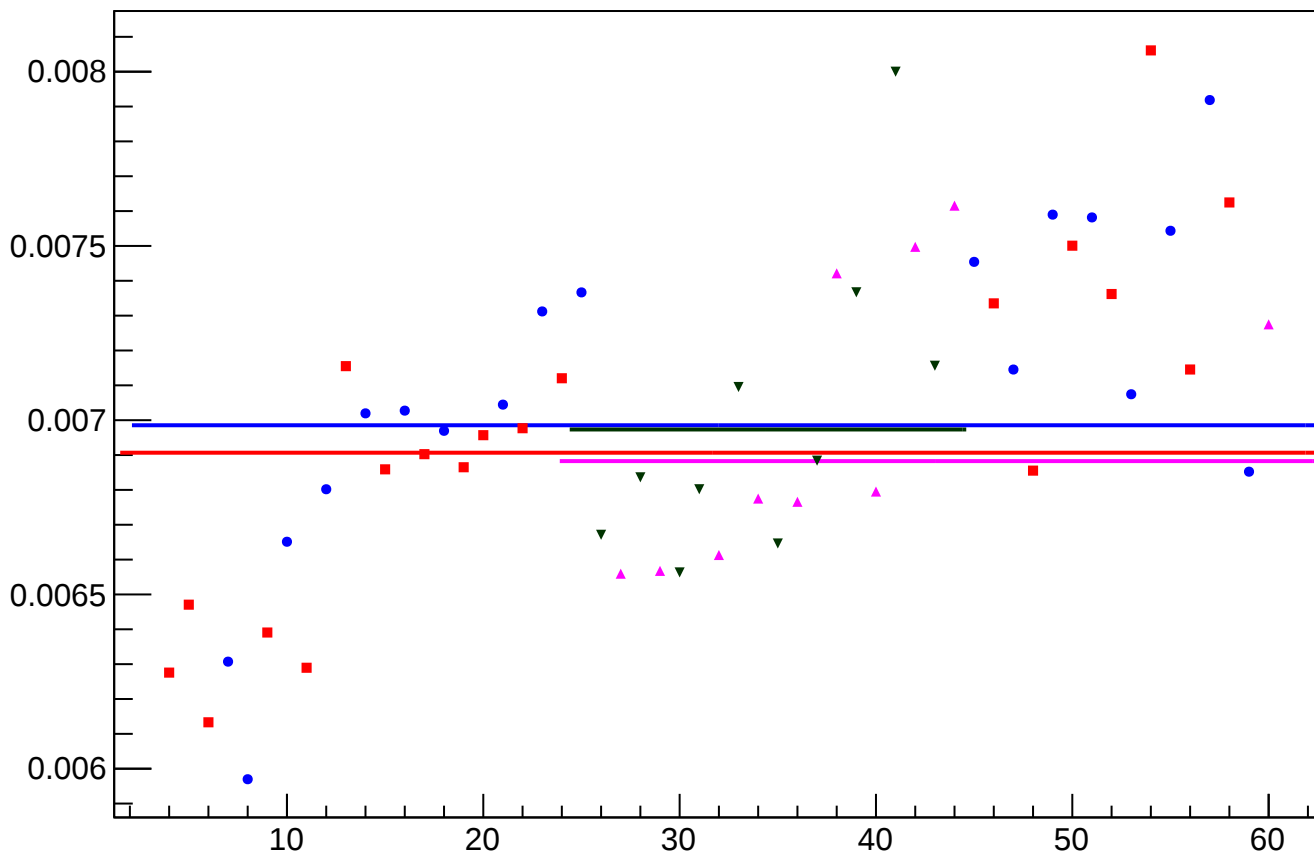
0.521+/-0.000 χ^2/NDF : 32371794687.2/27

Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

0.512+/-0.000 χ^2/NDF : 27125902815.9/28

Left In: 0.754+/-0.000 χ^2/NDF : 3023201900.2/9

yield_bpm0l05X_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 107156.0/17

Left Out: 0.007 $\pm$ 0.000 χ^2/NDF : 32912.7/9

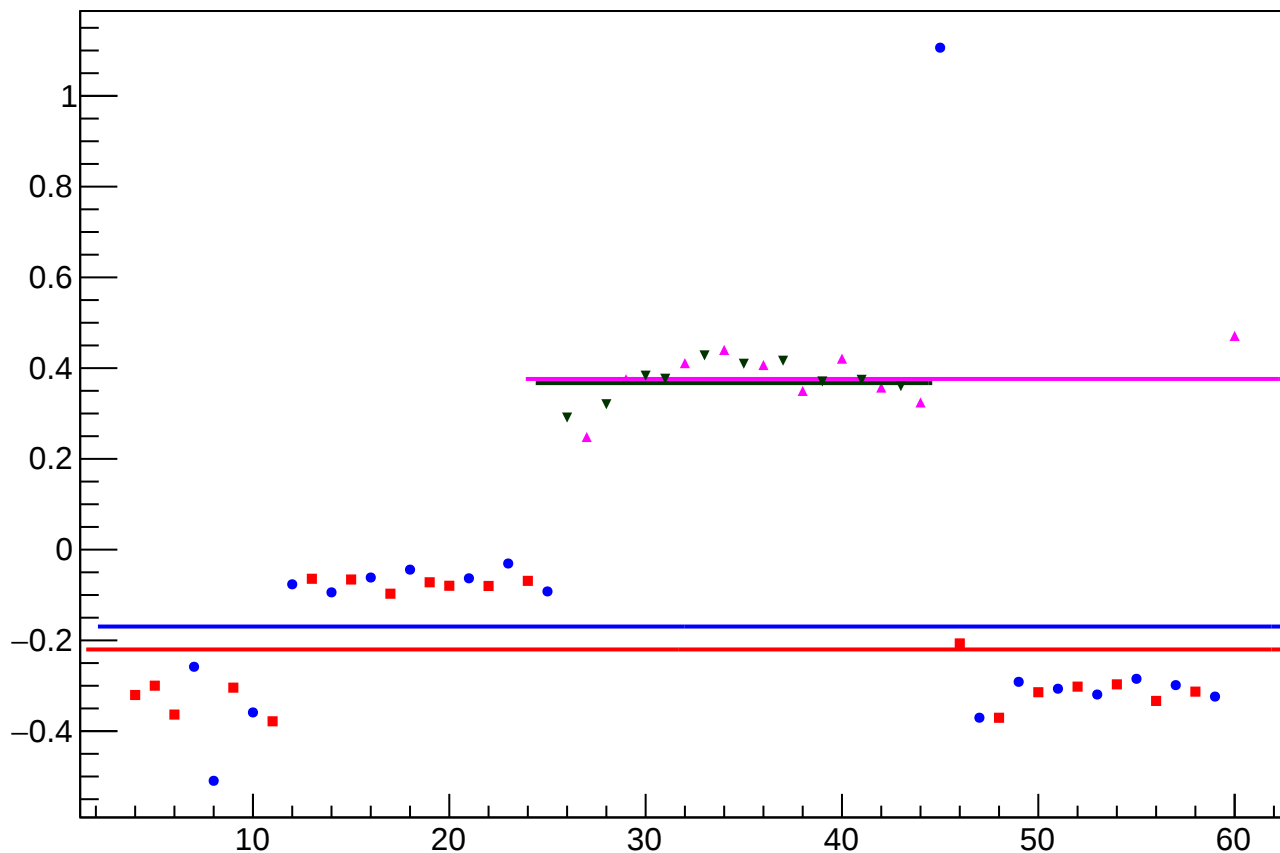
Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 97555.6/18

Left In: 0.007 $\pm$ 0.000 χ^2/NDF : 36502.4/9

0.007 $\pm$ 0.000 χ^2/NDF : 140090.1/27

0.007 $\pm$ 0.000 χ^2/NDF : 134149.0/28

yield_bpm0l05Y_mean vs slug



Right In: -0.169 ± 0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.367 ± 0.000 χ^2/NDF : 258003359.9/9

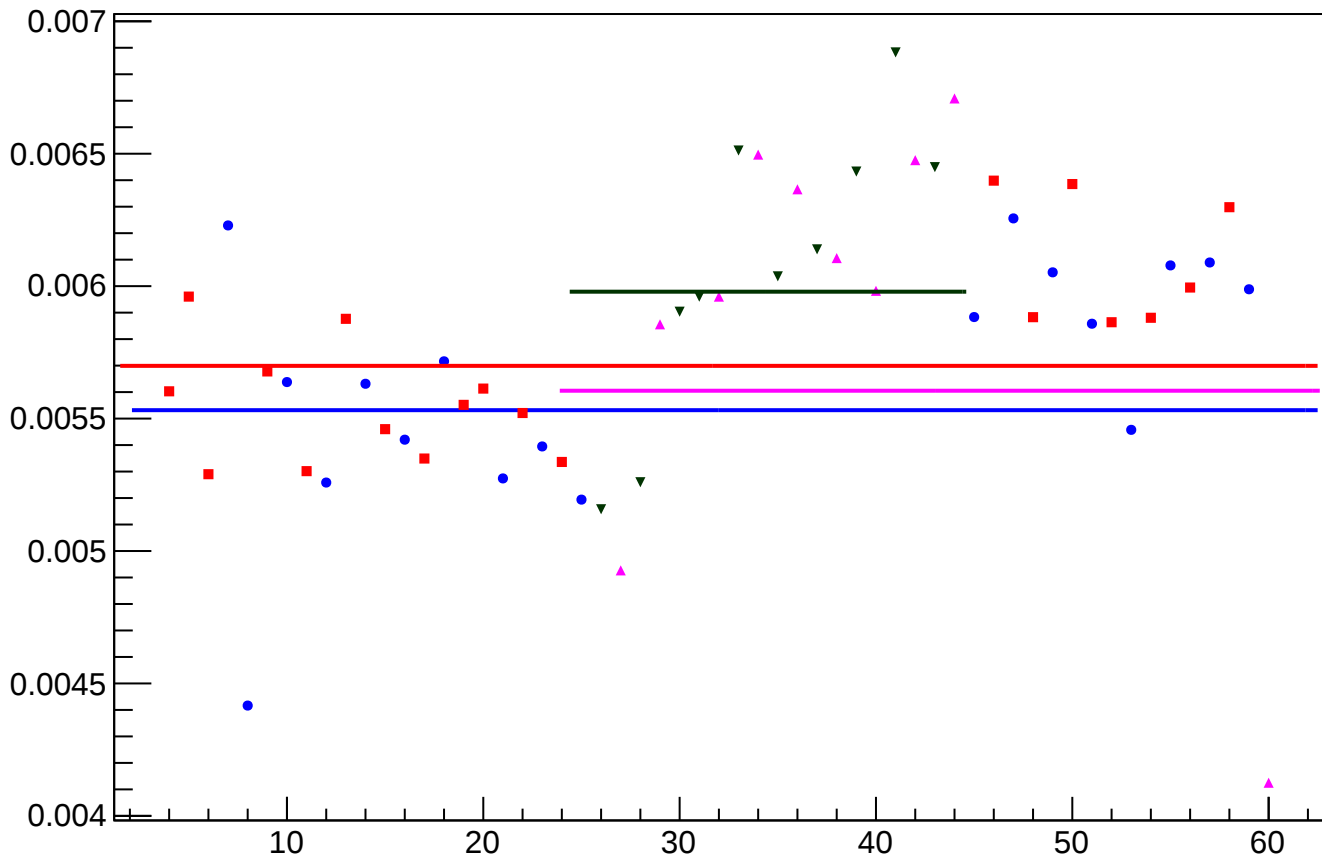
Right Out: -0.220 ± 0.000 χ^2/NDF : 4721801975.9/18

Left In: 0.376 ± 0.000 χ^2/NDF : 985240765.6/9

-0.016 ± 0.000 χ^2/NDF : 66394712013.1/27

0.012 ± 0.000 χ^2/NDF : 46208680229.6/28

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 : 84407.0/9

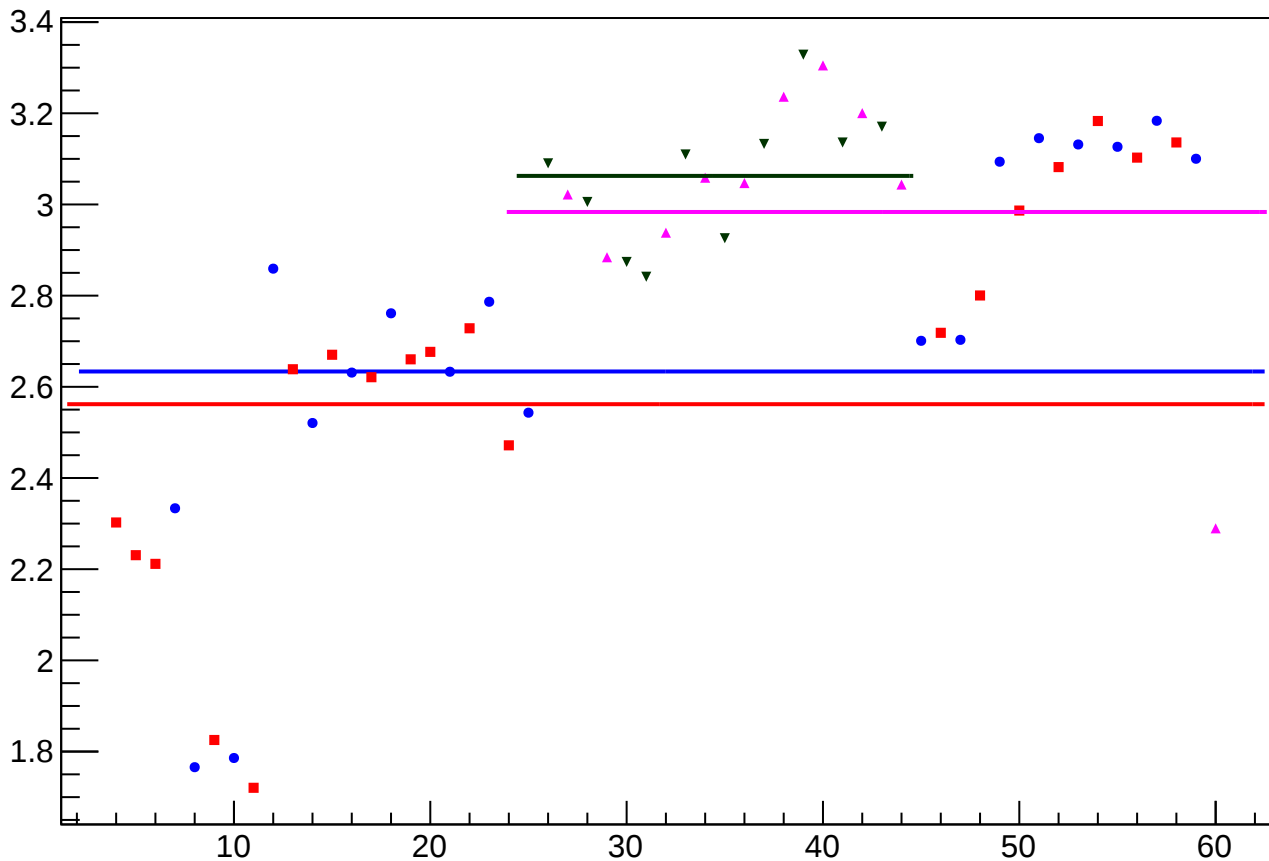
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.006+/-0.000 χ^2/NDF : 264098.0/9

0.006+/-0.000 χ^2/NDF : 311729.5/27

0.006+/-0.000 χ^2/NDF : 332522.9/28

yield_bpm0l06X_mean vs slug



Right In: 2.634 $\pm$ 0.000 χ^2 /NDF: 15879791998.3/17

Left Out: 3.063 $\pm$ 0.000 χ^2 /NDF:1107067165.5/9

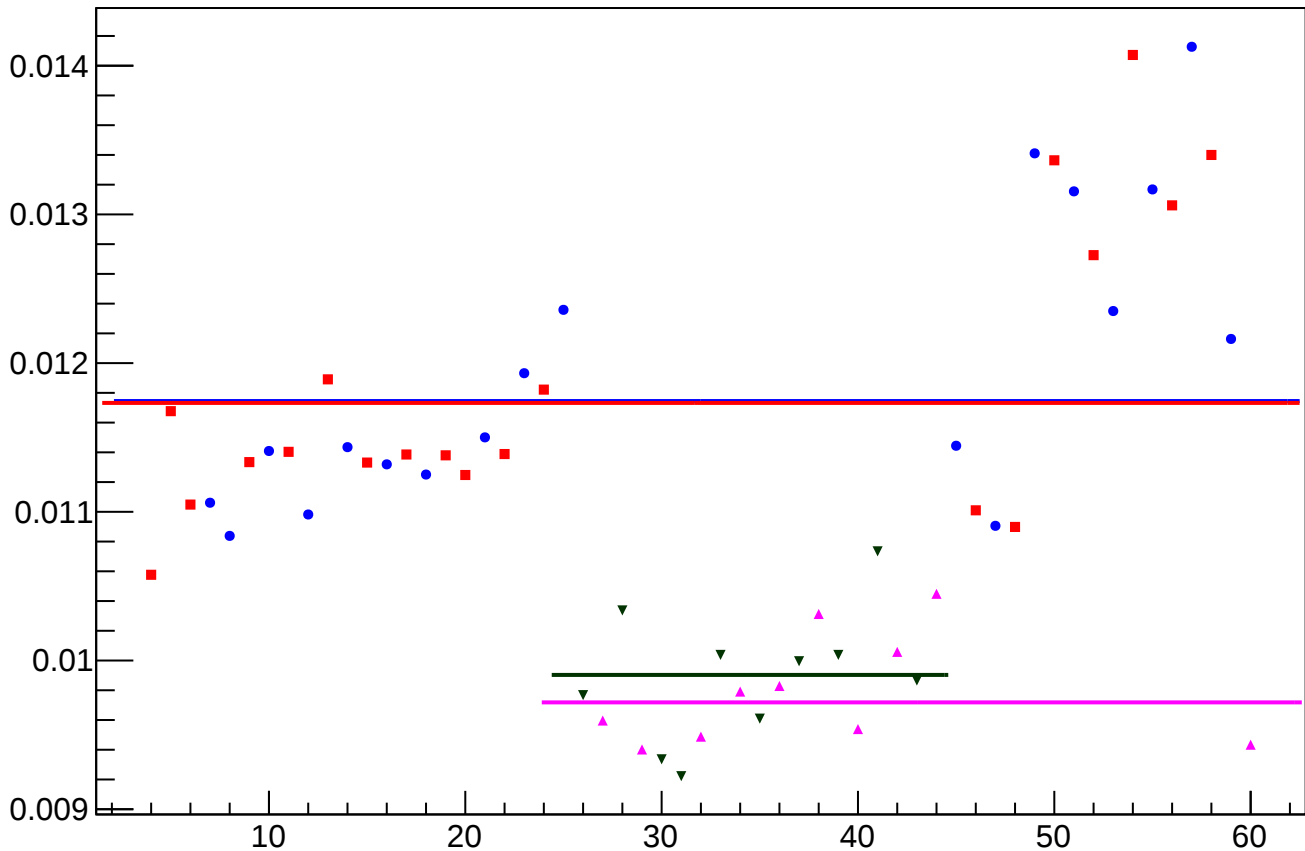
2.807 $\pm$ 0.000 χ^2 /NDF: 22872650104.7/27

Right Out: 2.562 $\pm$ 0.000 χ^2 /NDF: 12349960173.0/18

2.764 $\pm$ 0.000 χ^2 /NDF: 22337388126.9/28

Left In: 2.984 $\pm$ 0.000 χ^2 /NDF:4043803244.2/9

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 : 18813.8/9

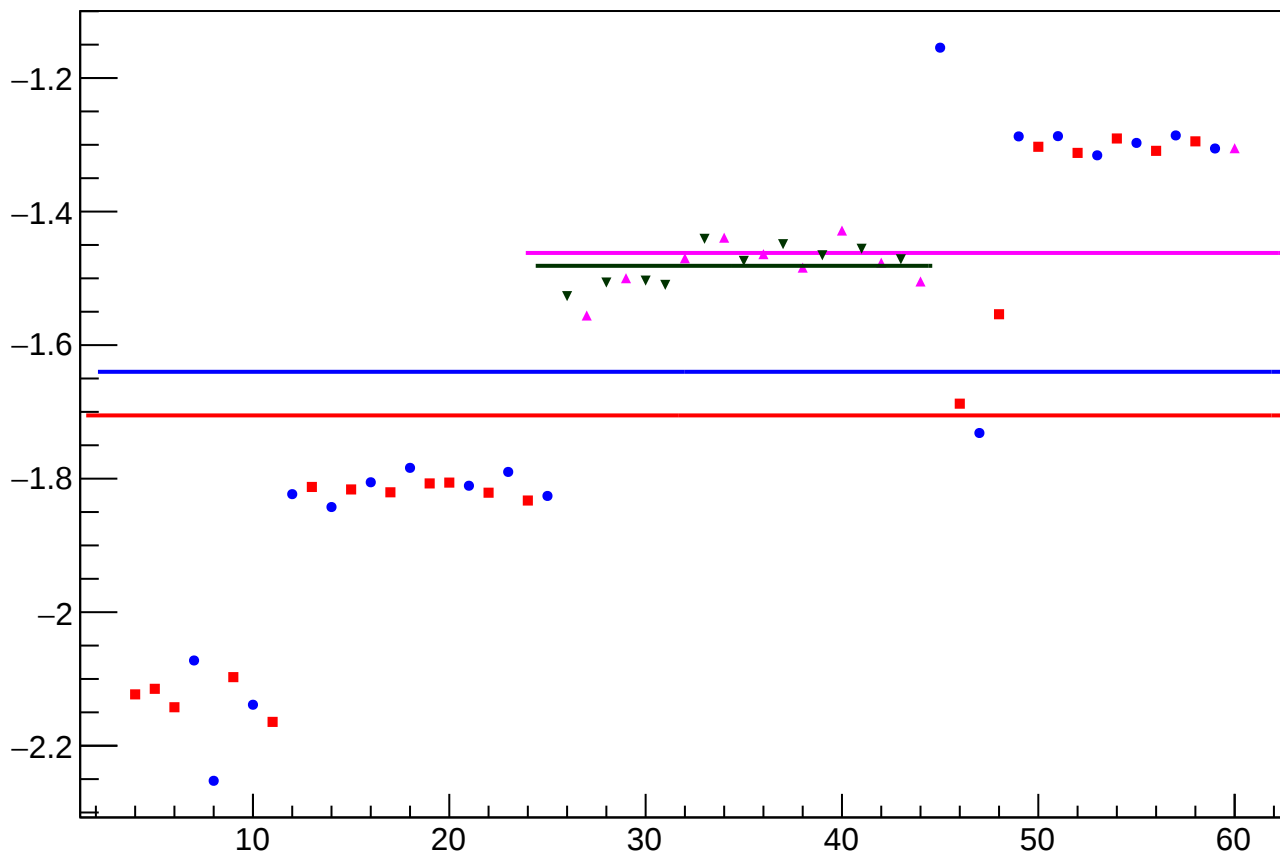
0.011+/-0.000 χ^2/NDF : 353105.7/27

Right Out: 0.012+/-0.000 χ^2/NDF : 107336.5/18

0.011+/-0.000 χ^2/NDF : 392765.8/28

Left In: 0.010+/-0.000 χ^2/NDF : 14212.0/9

yield_bpm0l06Y_mean vs slug



Right In: -1.640 ± 0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.481 ± 0.000 χ^2/NDF : 133314200.9/9

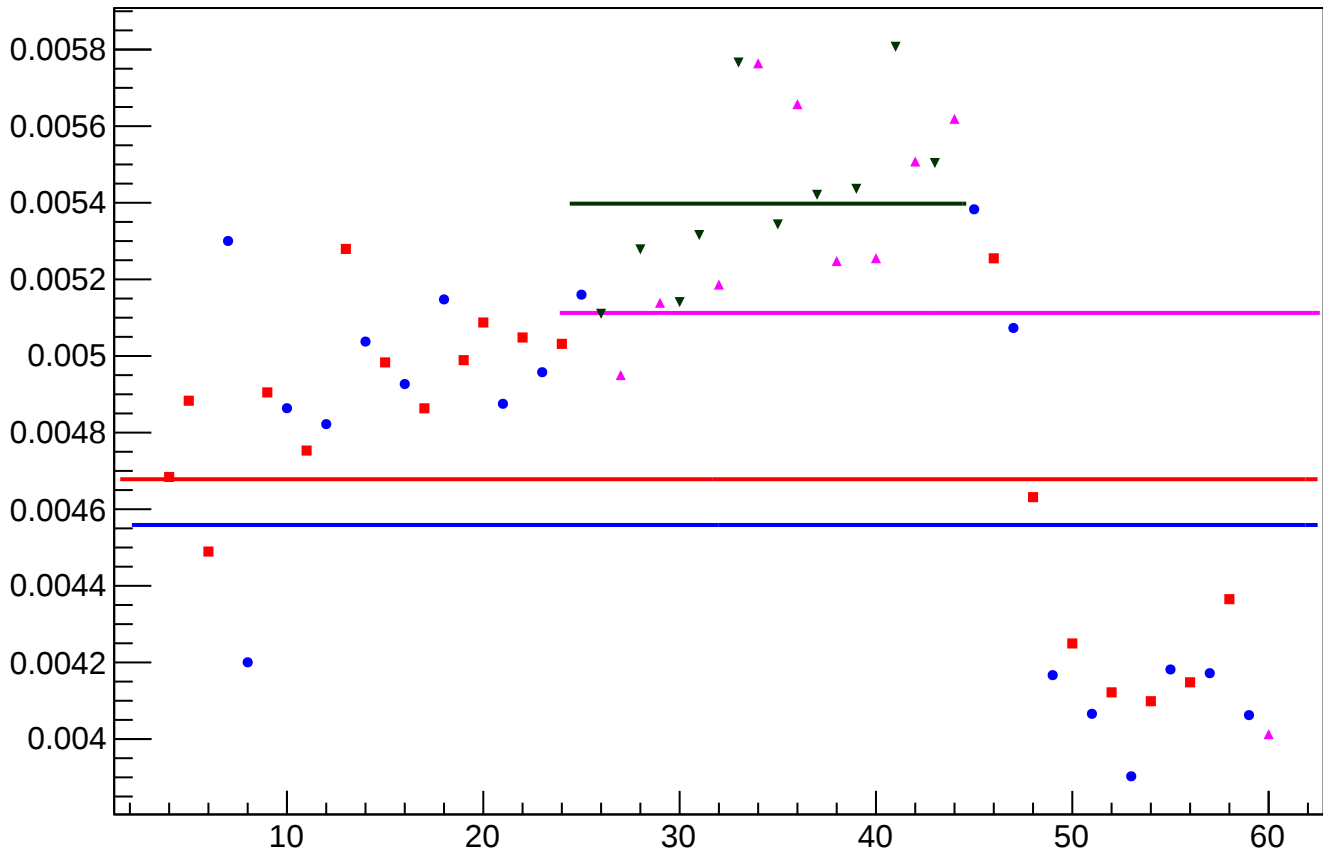
Right Out: -1.705 ± 0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.462 ± 0.000 χ^2/NDF : 1204254742.5/9

-1.600 ± 0.000 χ^2/NDF : 67314307192.8/27

-1.622 ± 0.000 χ^2/NDF : 55505533557.0/28

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 :16600.8/9

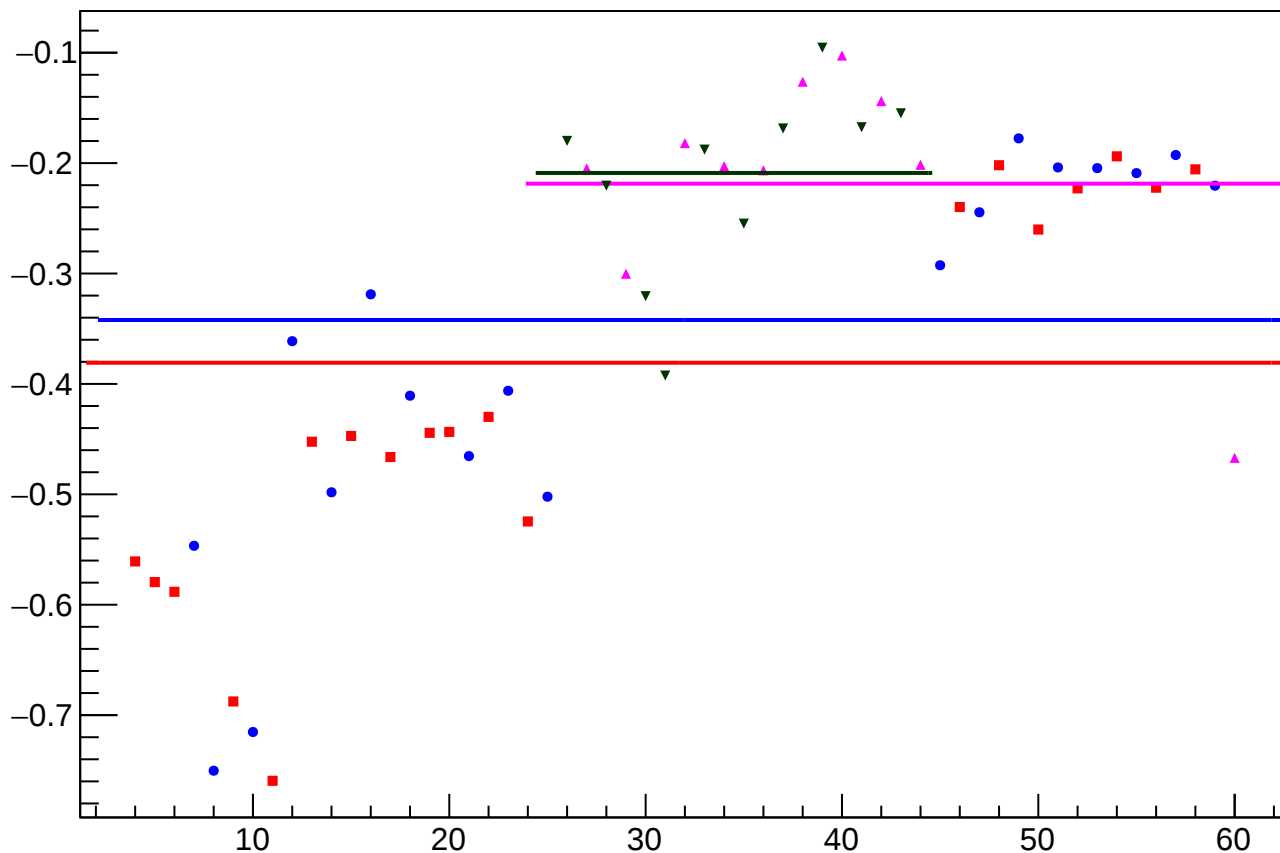
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF :116497.2/9

0.005+/-0.000 χ^2/NDF : 430582.6/27

0.005+/-0.000 χ^2/NDF : 309506.6/28

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.209+/-0.000 χ^2/NDF : 145606796.2/9

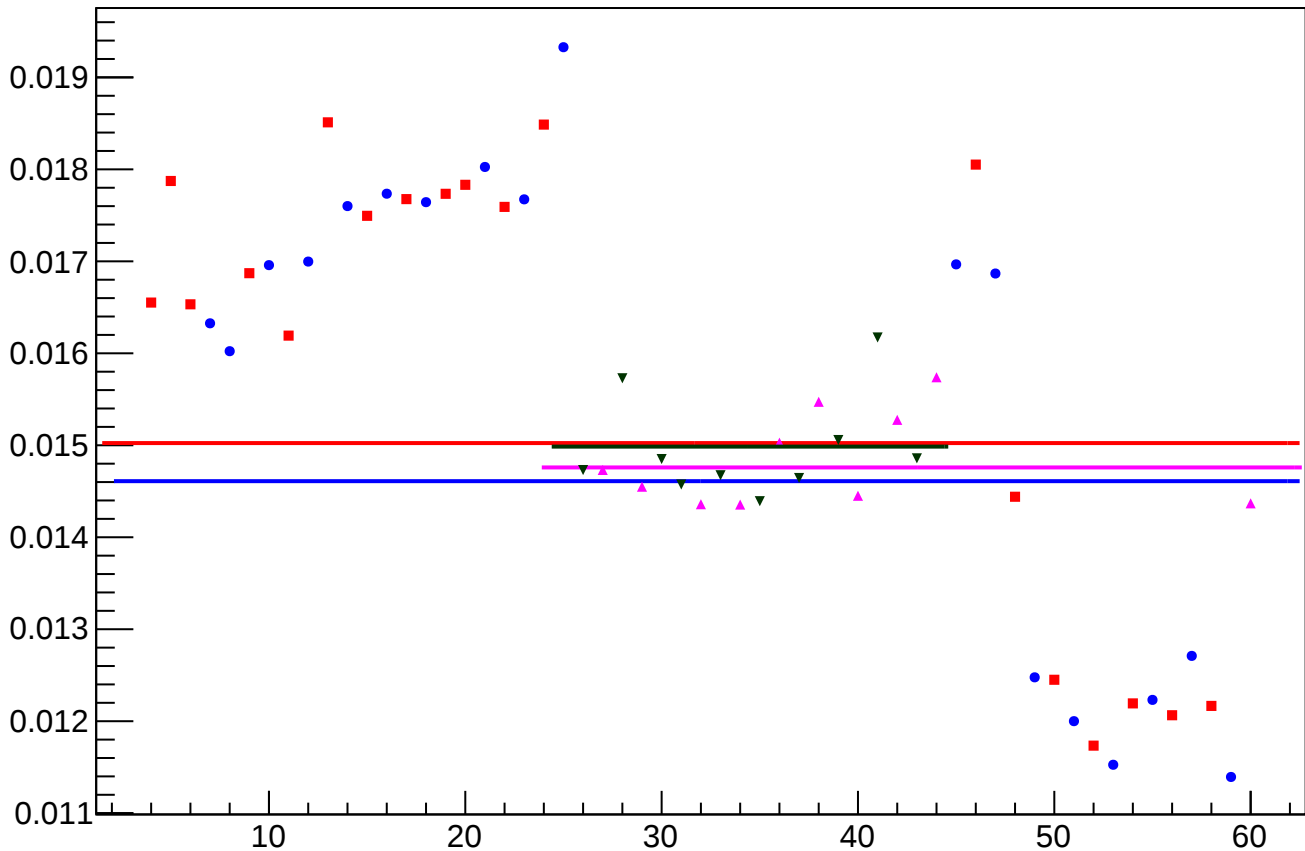
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.219+/-0.000 χ^2/NDF : 251093332.9/9

-0.299+/-0.000 χ^2/NDF : 2100611581.4/27

-0.315+/-0.000 χ^2/NDF : 2078259003.5/28

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 :13214.2/9

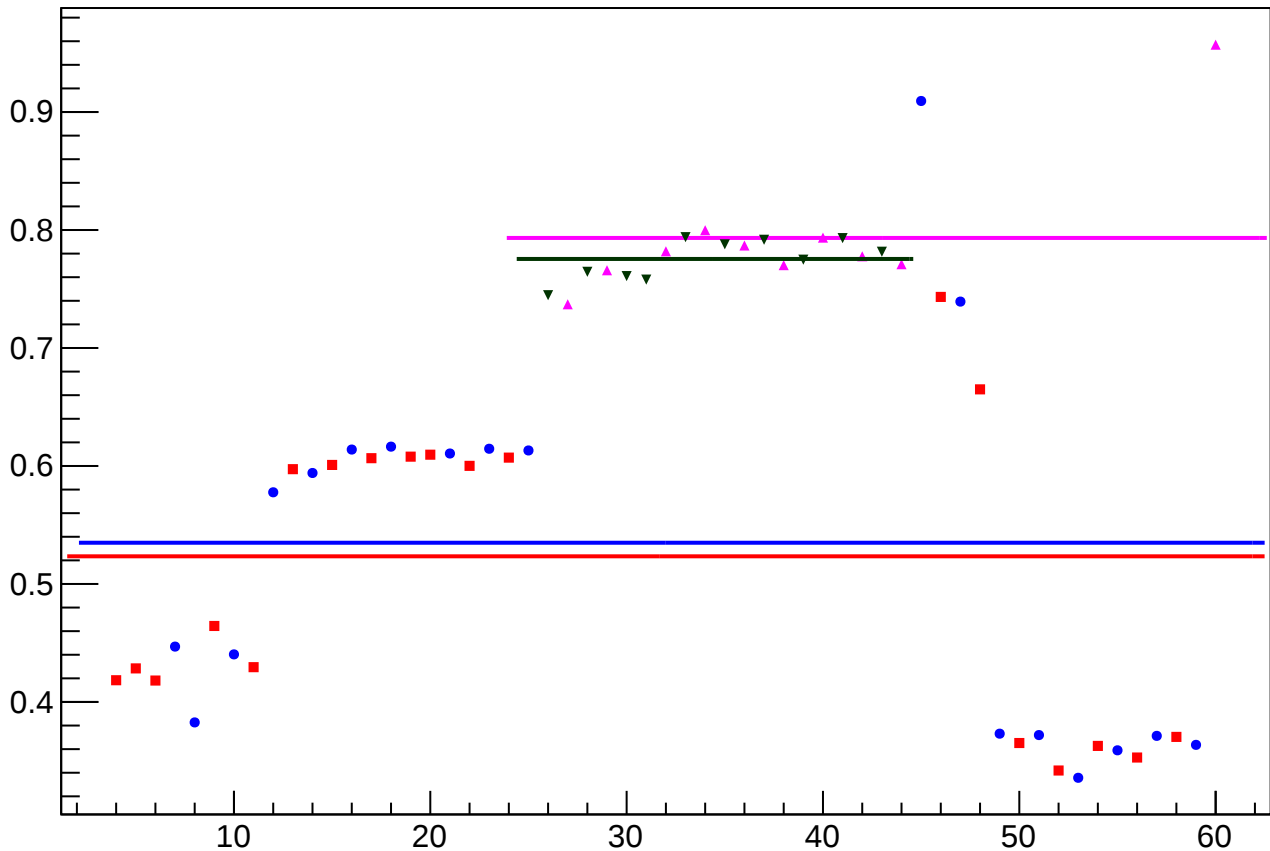
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF :11390.7/9

0.015+/-0.000 χ^2/NDF : 729680.1/27

0.015+/-0.000 χ^2/NDF : 587522.6/28

yield_bpm0l07Y_mean vs slug



Right In: 0.535 ± 0.000 χ^2/NDF : 21231144094.8/17

Left Out: 0.775 ± 0.000 χ^2/NDF : 122038329.5/9

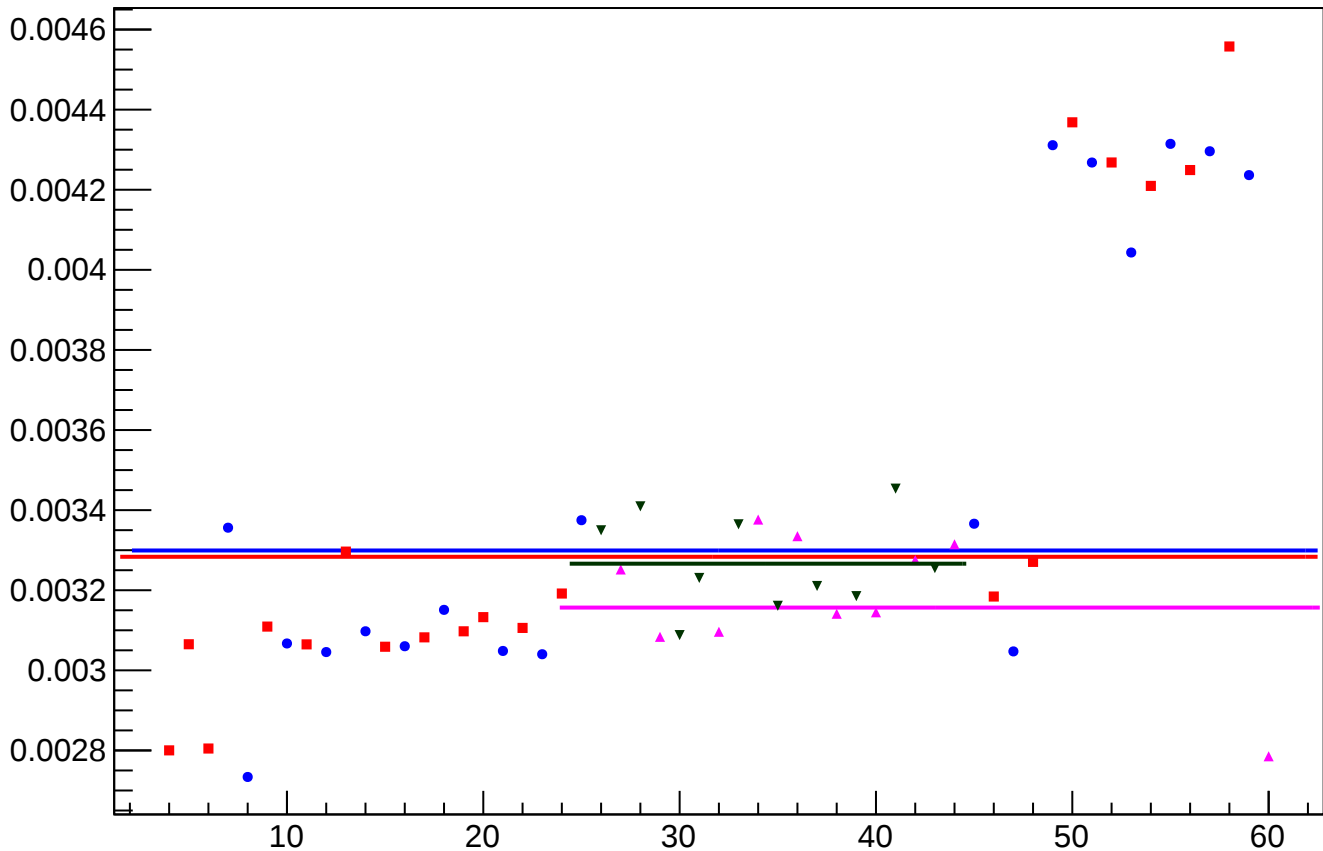
0.614 ± 0.000 χ^2/NDF : 40160443713.1/27

Right Out: 0.523 ± 0.000 χ^2/NDF : 11523934099.1/18

0.634 ± 0.000 χ^2/NDF : 39746223107.8/28

Left In: 0.793 ± 0.000 χ^2/NDF : 2154446194.8/9

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 :12873.3/9

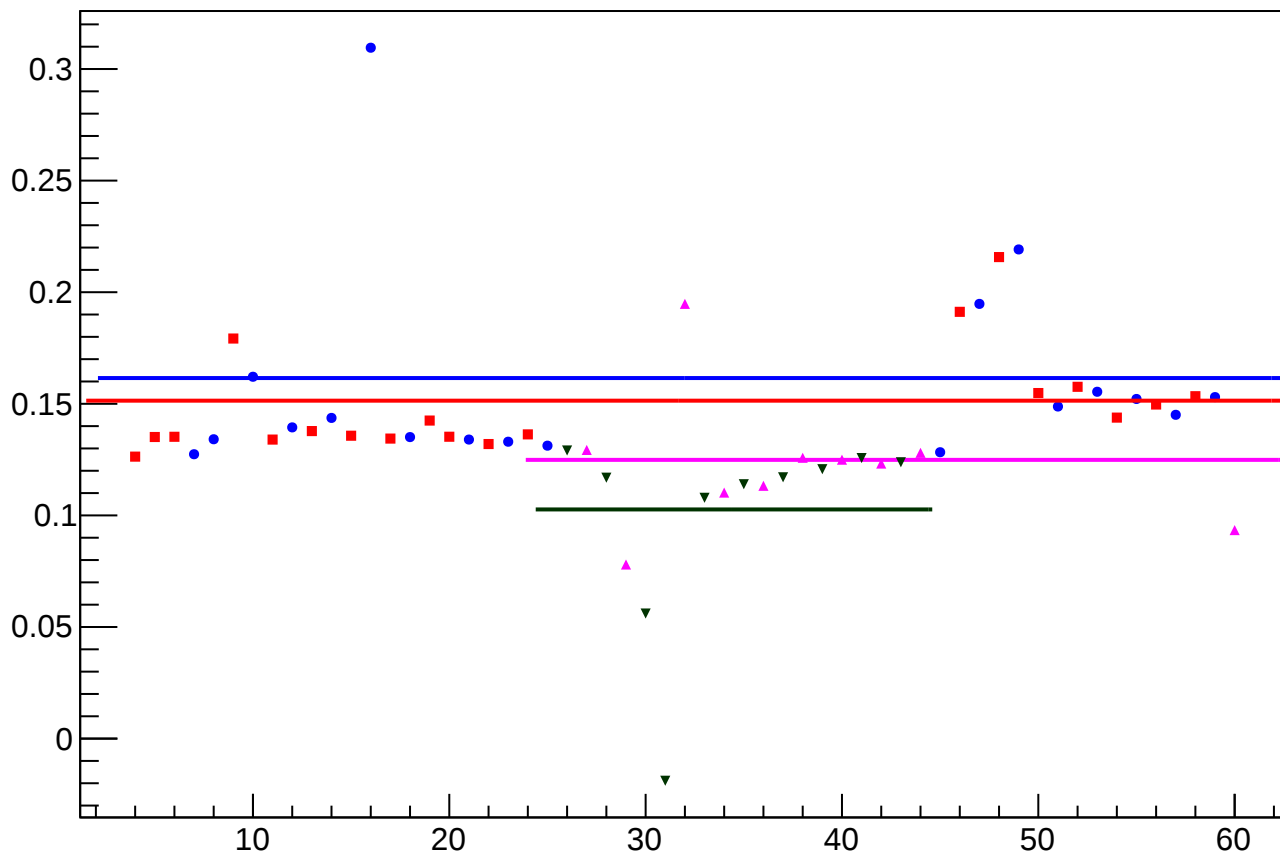
0.003+/-0.000 χ^2/NDF : 511146.3/27

Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

0.003+/-0.000 χ^2/NDF : 425610.2/28

Left In: 0.003+/-0.000 χ^2/NDF :31818.2/9

yield_bpm0l08X_mean vs slug



Right In: 0.162 ± 0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.103 ± 0.000 χ^2/NDF : 42575286.2/9

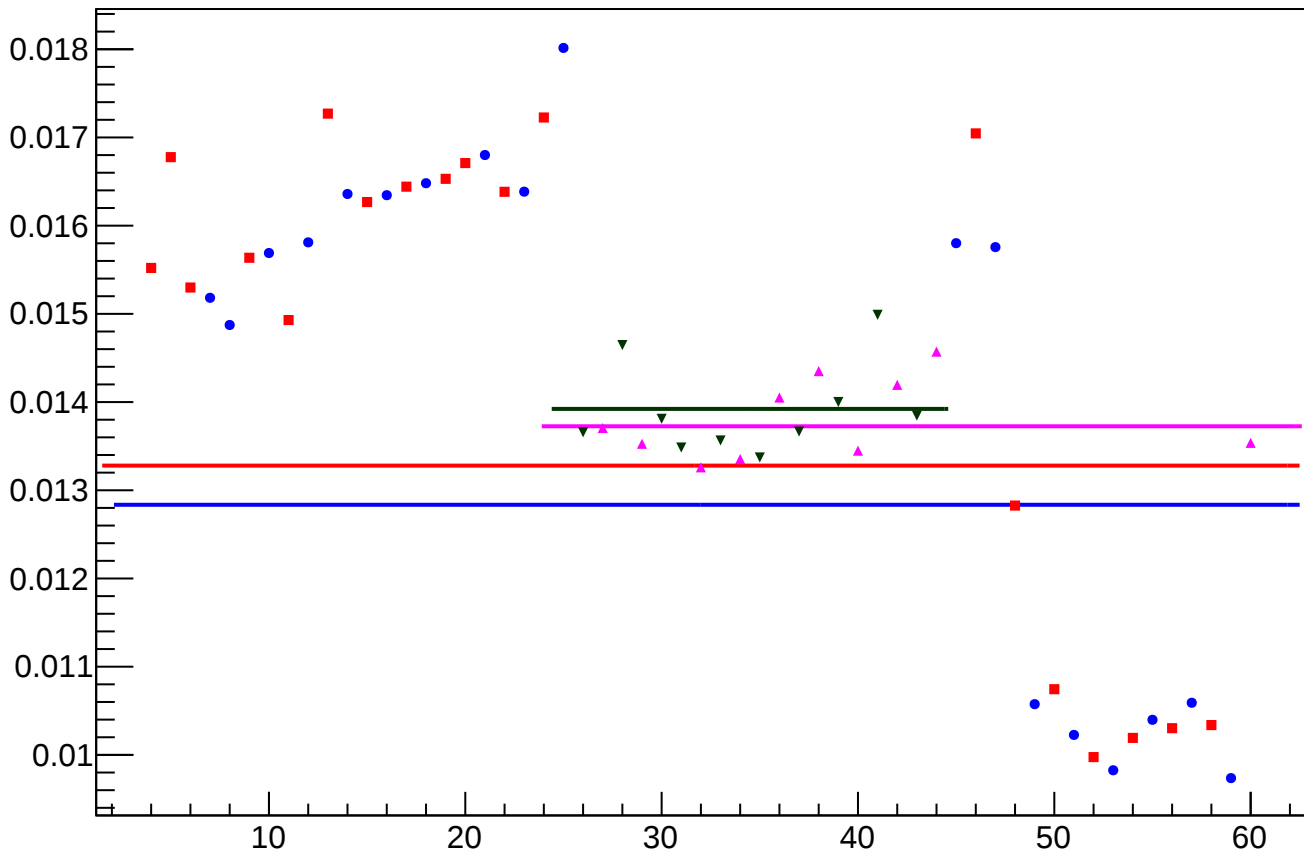
Right Out: 0.151 ± 0.000 χ^2/NDF : 22463584.0/18

Left In: 0.125 ± 0.000 χ^2/NDF : 38381974.3/9

0.144 ± 0.000 χ^2/NDF : 203787209.8/27

0.141 ± 0.000 χ^2/NDF : 74883463.6/28

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 :13410.6/9

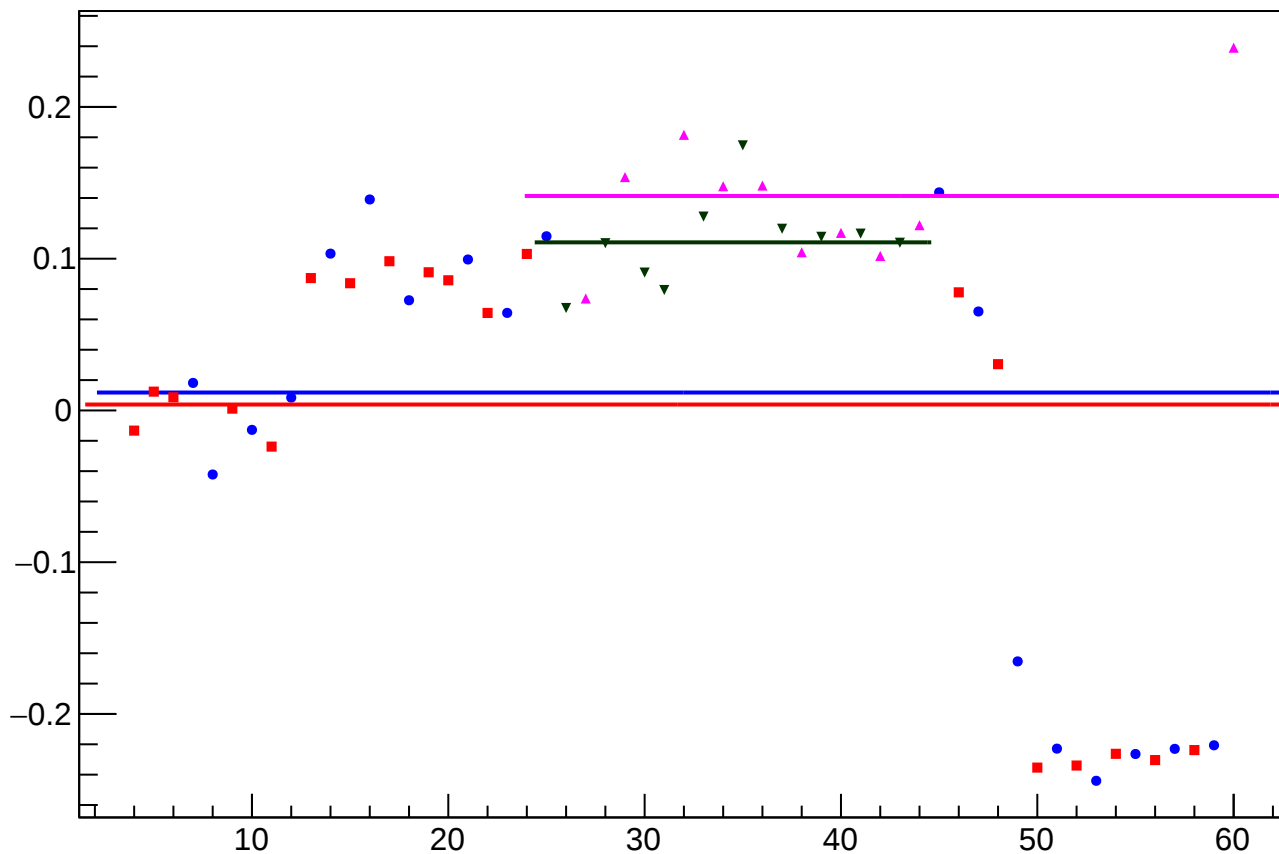
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :10995.1/9

0.013+/-0.000 χ^2/NDF : 1146961.0/27

0.013+/-0.000 χ^2/NDF : 908937.5/28

yield_bpm0l08Y_mean vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 12179192870.2/17

Left Out: 0.111 $\pm$ 0.000 χ^2 /NDF:325634113.5/9

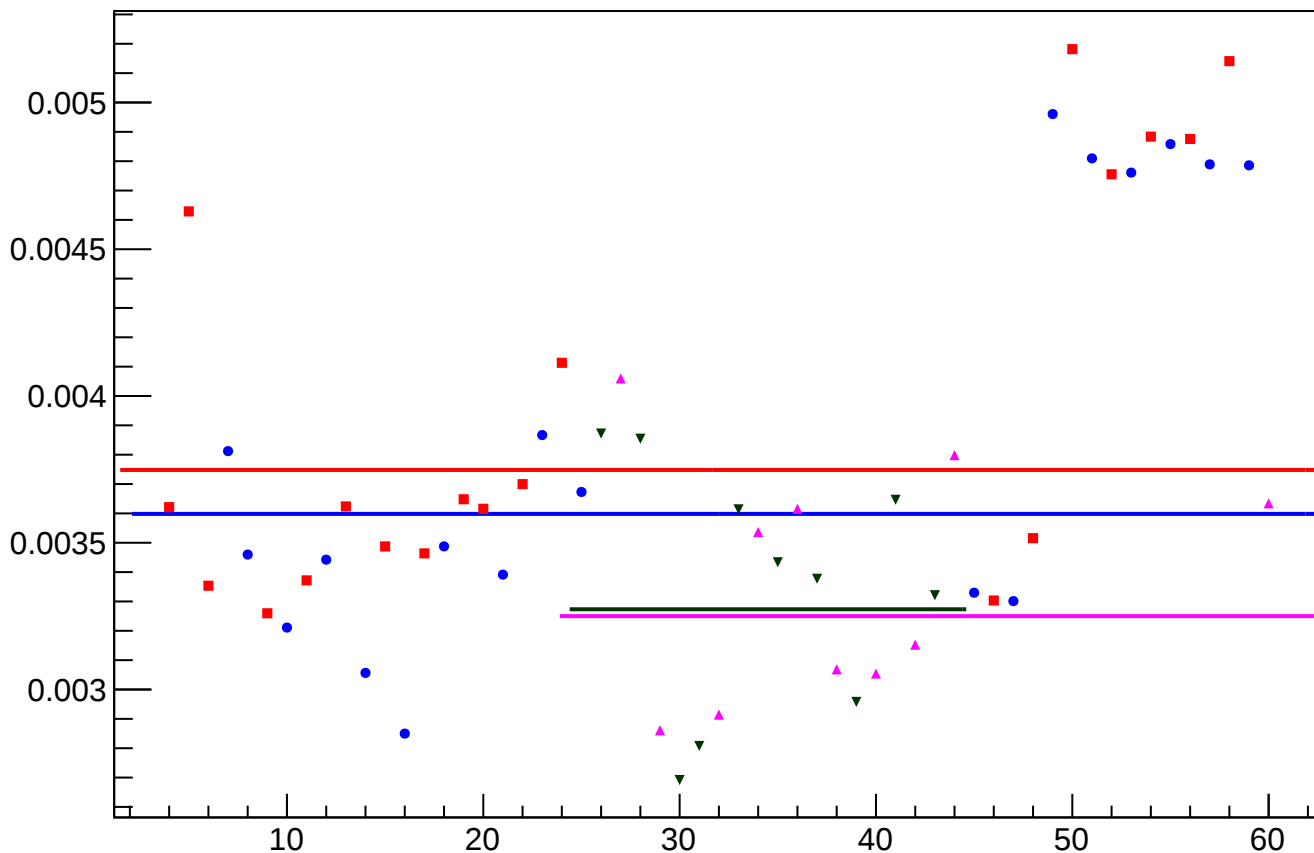
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 7924148421.7/18

Left In: 0.141 $\pm$ 0.000 χ^2 /NDF:955482229.6/9

0.048 $\pm$ 0.000 χ^2 /NDF: 15409928131.2/27

0.067 $\pm$ 0.000 χ^2 /NDF: 14547079079.7/28

yield_bpm0l08Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 672957.8/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:157067.3/9

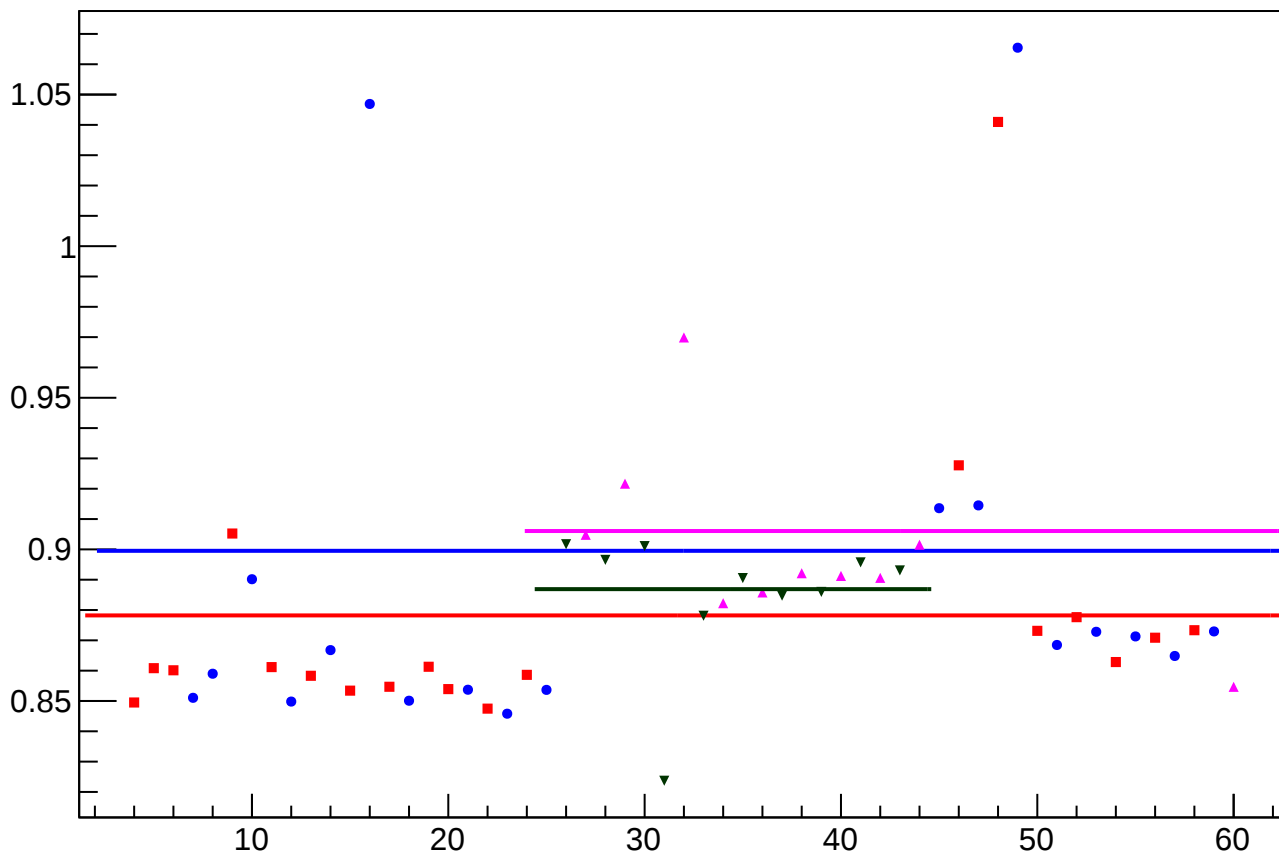
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 427283.7/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:174806.1/9

0.003 $\pm$ 0.000 χ^2 /NDF: 892679.4/27

0.004 $\pm$ 0.000 χ^2 /NDF: 750949.6/28

yield_bpm0l09X_mean vs slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 324904340.4/17

Left Out: 0.887 $\pm$ 0.000 χ^2 /NDF:10371268.3/9

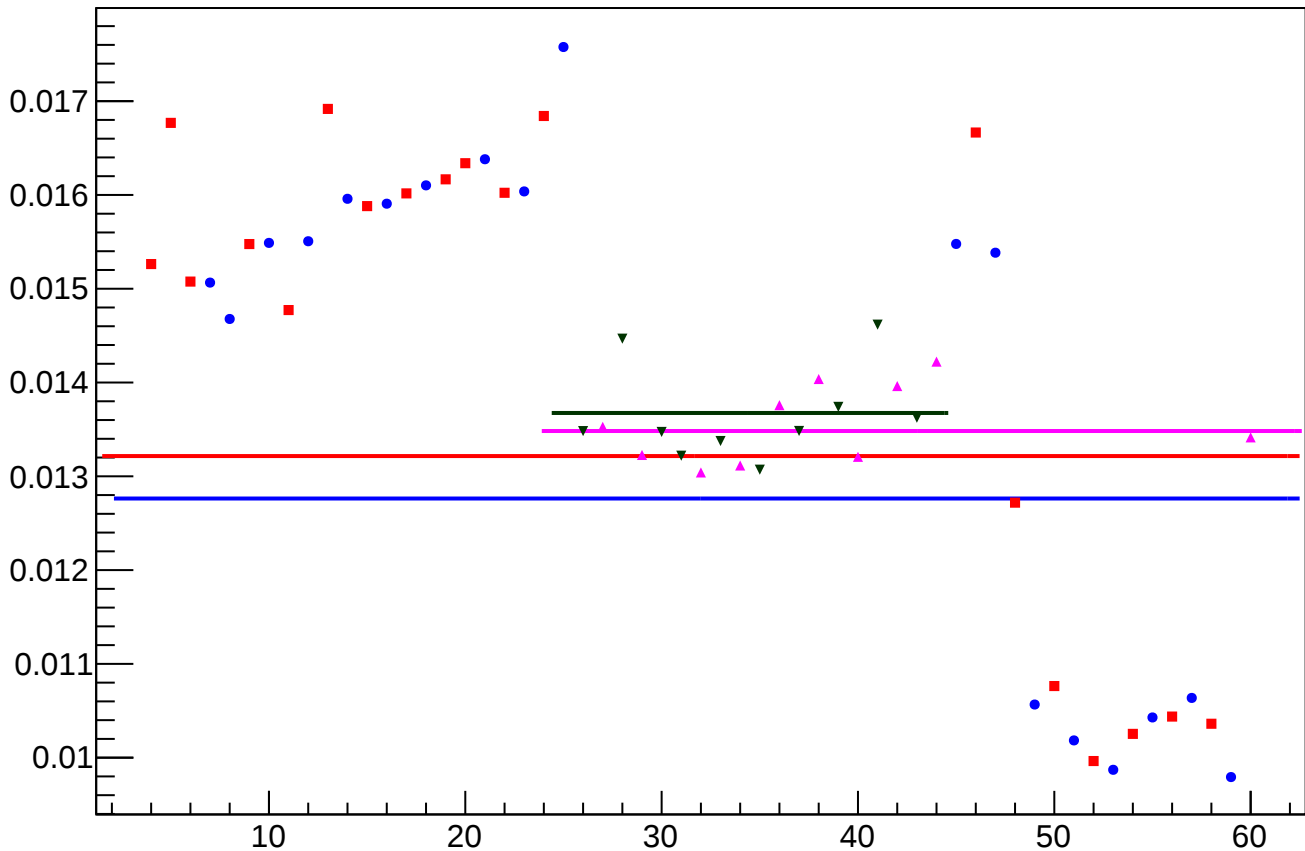
Right Out: 0.878 $\pm$ 0.000 χ^2 /NDF: 92356263.0/18

Left In: 0.906 $\pm$ 0.000 χ^2 /NDF:34282828.4/9

0.896 $\pm$ 0.000 χ^2 /NDF: 338427896.5/27

0.889 $\pm$ 0.000 χ^2 /NDF: 142507011.5/28

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 :13316.5/9

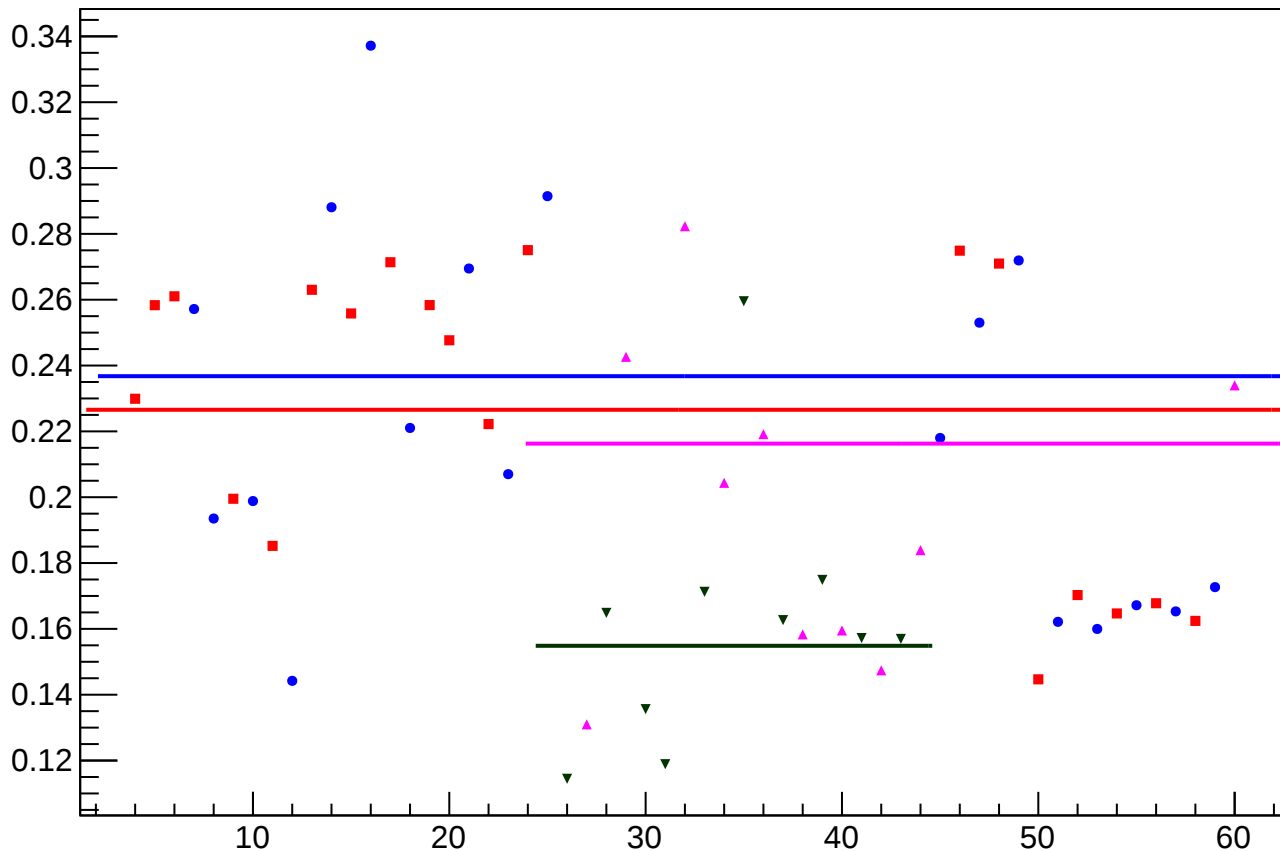
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.013+/-0.000 χ^2/NDF :9897.0/9

0.013+/-0.000 χ^2/NDF : 1026297.4/27

0.013+/-0.000 χ^2/NDF : 811666.5/28

yield_bpm0l09Y_mean vs slug



Right In: 0.237 $\pm$ 0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.155 $\pm$ 0.000 χ^2/NDF : 491584814.3/9

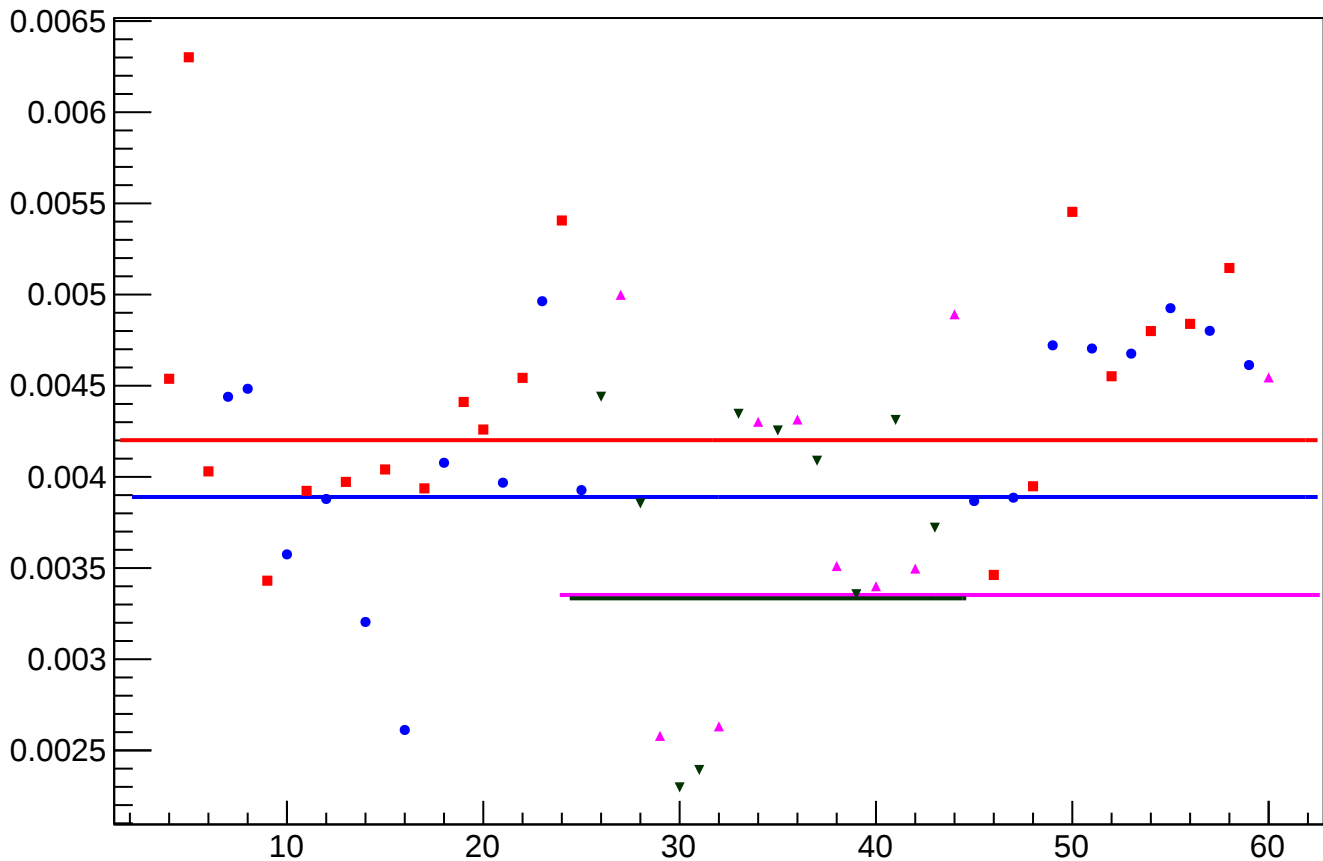
Right Out: 0.227 $\pm$ 0.000 χ^2/NDF : 943883207.4/18

Left In: 0.216 $\pm$ 0.000 χ^2/NDF : 1309483016.5/9

0.205 $\pm$ 0.000 χ^2/NDF : 4641915424.5/27

0.222 $\pm$ 0.000 χ^2/NDF : 2279450040.2/28

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 695729.3/17

Left Out: 0.003+/-0.000 χ^2/NDF : 596508.1/9

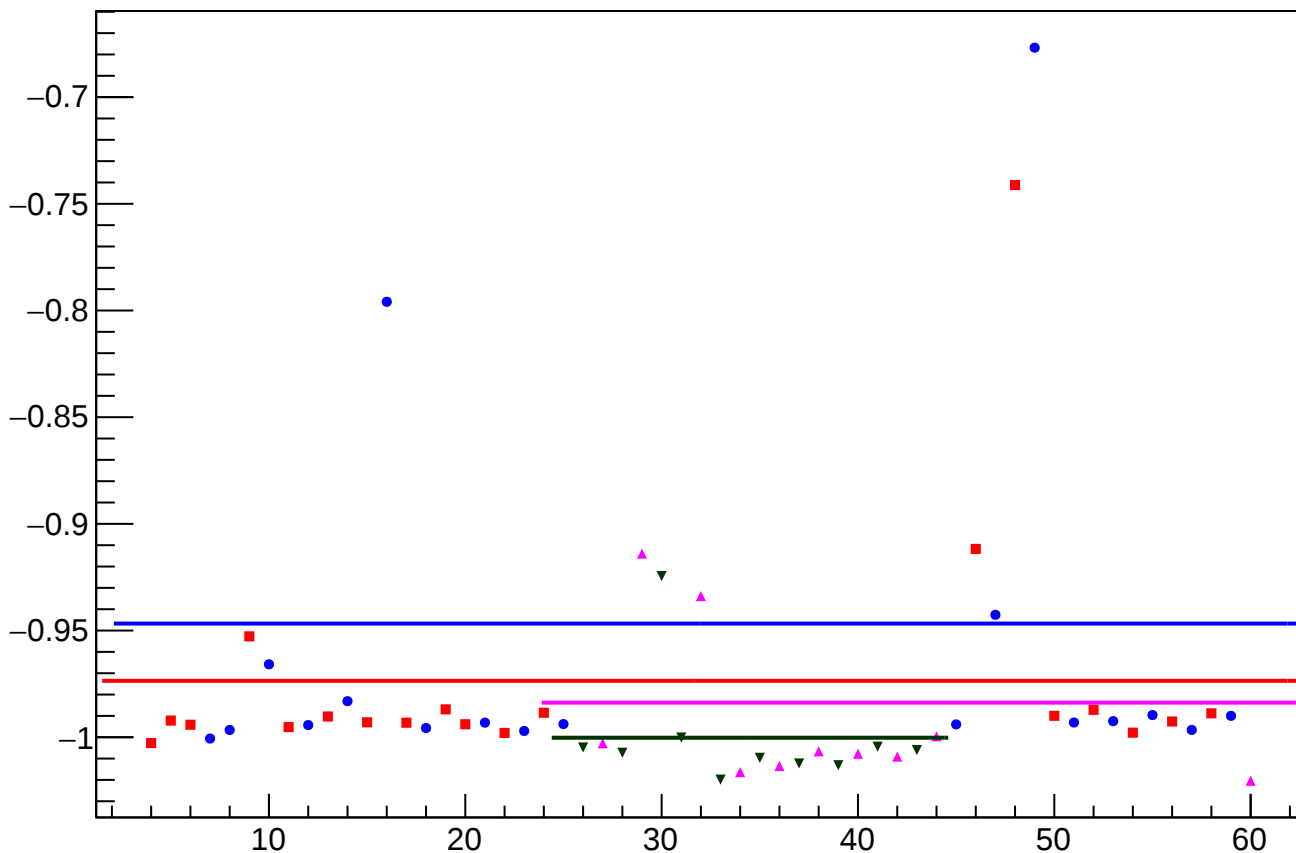
Right Out: 0.004+/-0.000 χ^2/NDF : 341340.8/18

Left In: 0.003+/-0.000 χ^2/NDF : 690933.5/9

0.004+/-0.000 χ^2/NDF : 1452415.6/27

0.004+/-0.000 χ^2/NDF : 1388095.7/28

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.000+/-0.000 χ^2/NDF : 20984094.7/9

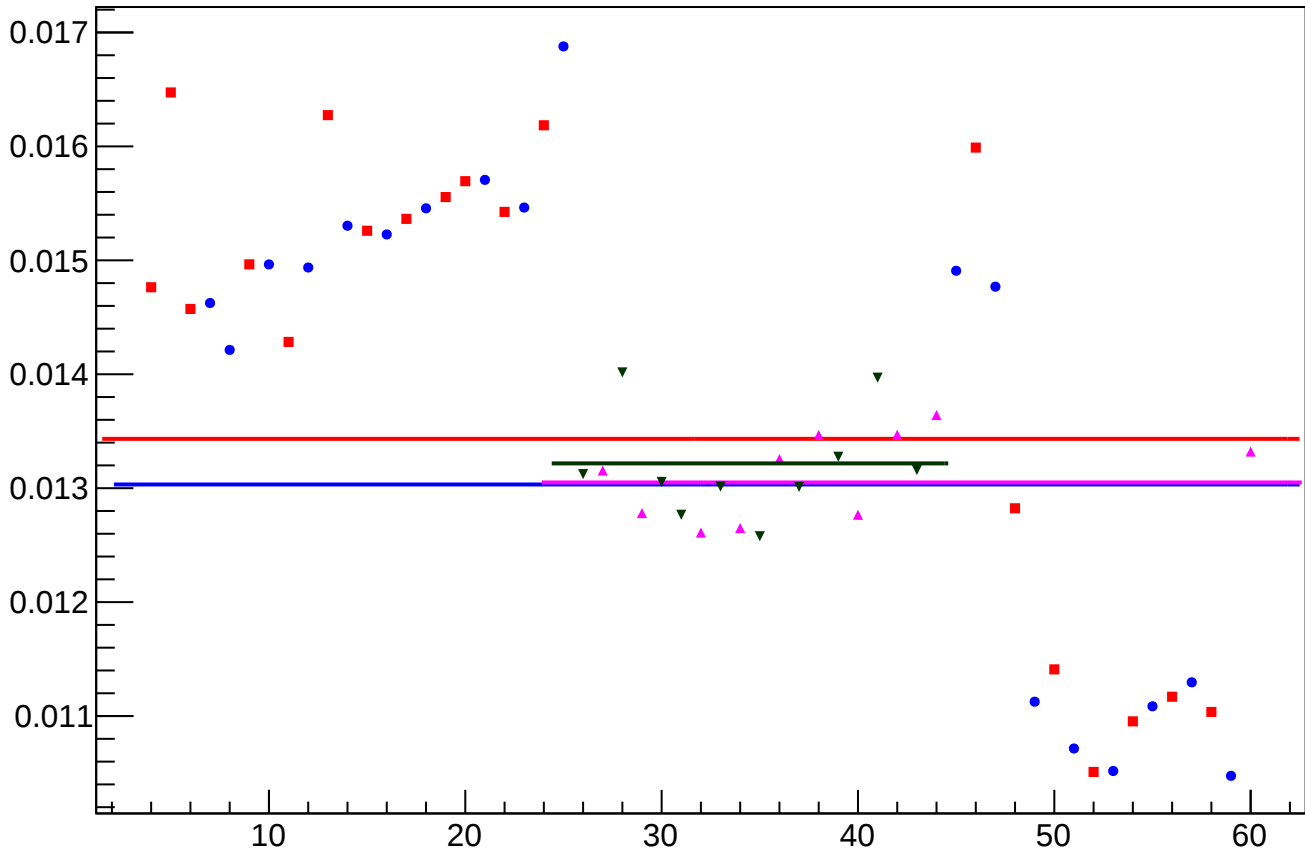
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.984+/-0.000 χ^2/NDF : 55977880.8/9

-0.964+/-0.000 χ^2/NDF : 741872230.5/27

-0.978+/-0.000 χ^2/NDF : 232878774.9/28

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 :12265.8/9

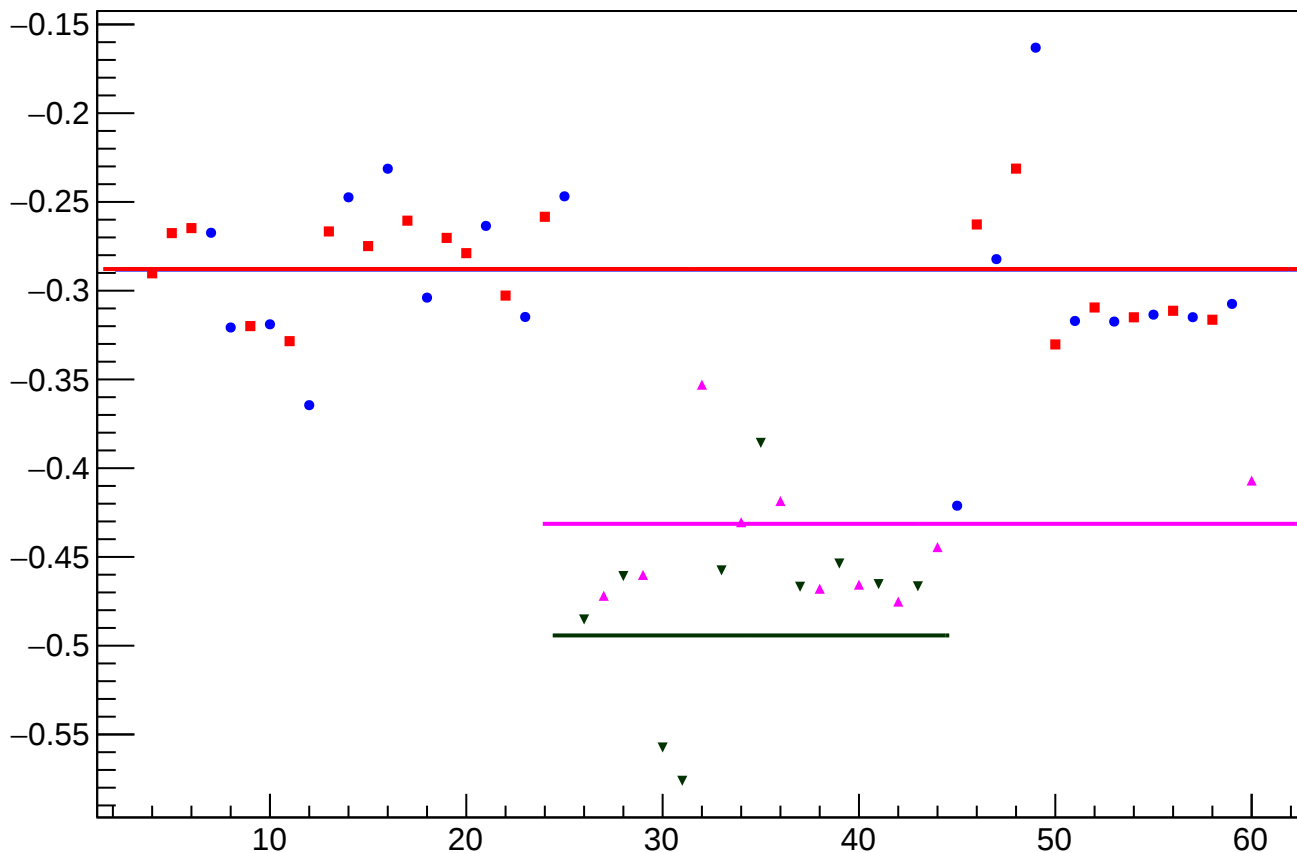
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF :9032.4/9

0.013+/-0.000 χ^2/NDF : 601500.4/27

0.013+/-0.000 χ^2/NDF : 494471.2/28

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.494+/-0.000 χ^2/NDF : 1568805763.5/9

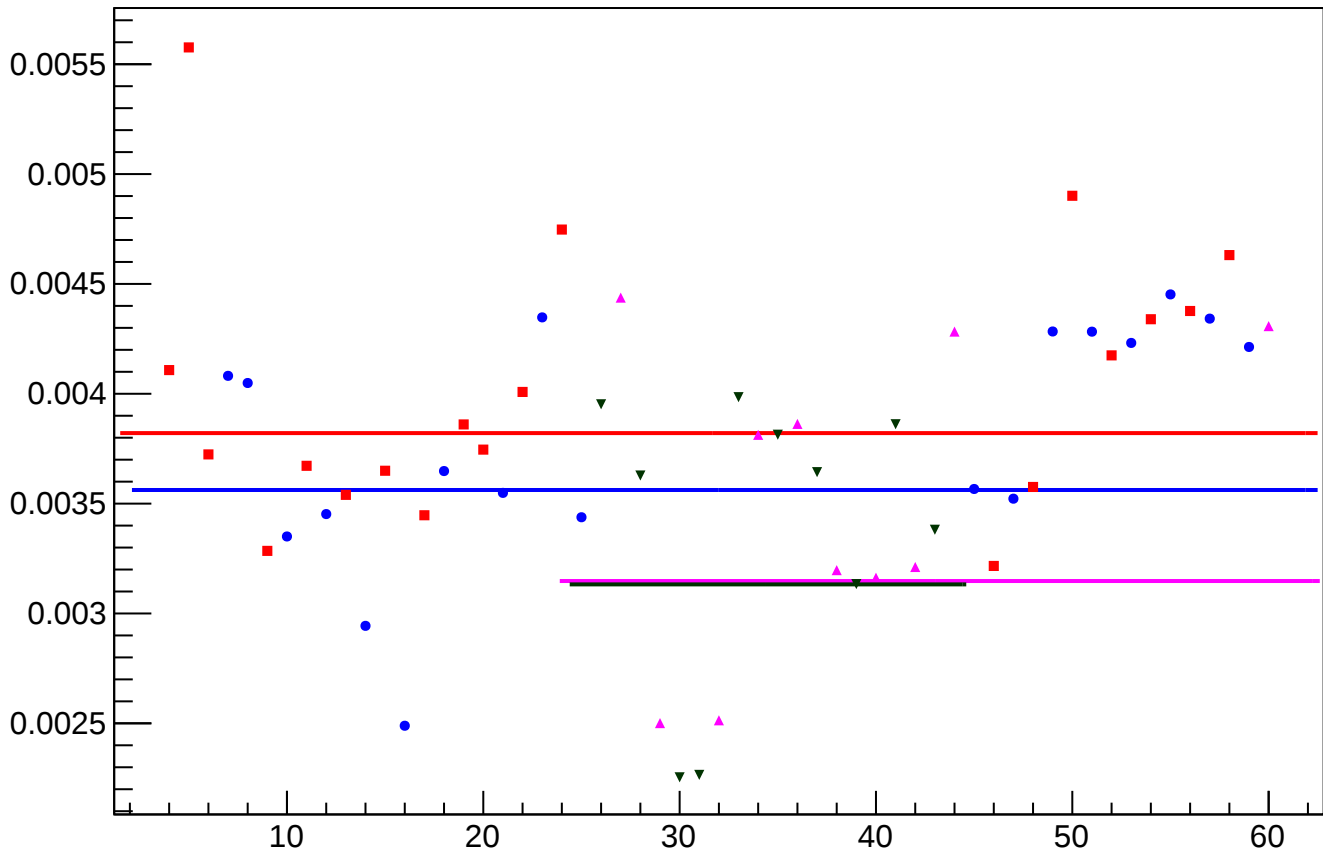
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.431+/-0.000 χ^2/NDF : 1202573836.8/9

-0.365+/-0.000 χ^2/NDF : 17120922802.6/27

-0.355+/-0.000 χ^2/NDF : 7775725212.5/28

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:463941.8/9

0.003 $\pm$ 0.000 χ^2 /NDF: 1165216.3/27

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 282191.6/18

0.004 $\pm$ 0.000 χ^2 /NDF: 1093182.3/28

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:544472.3/9