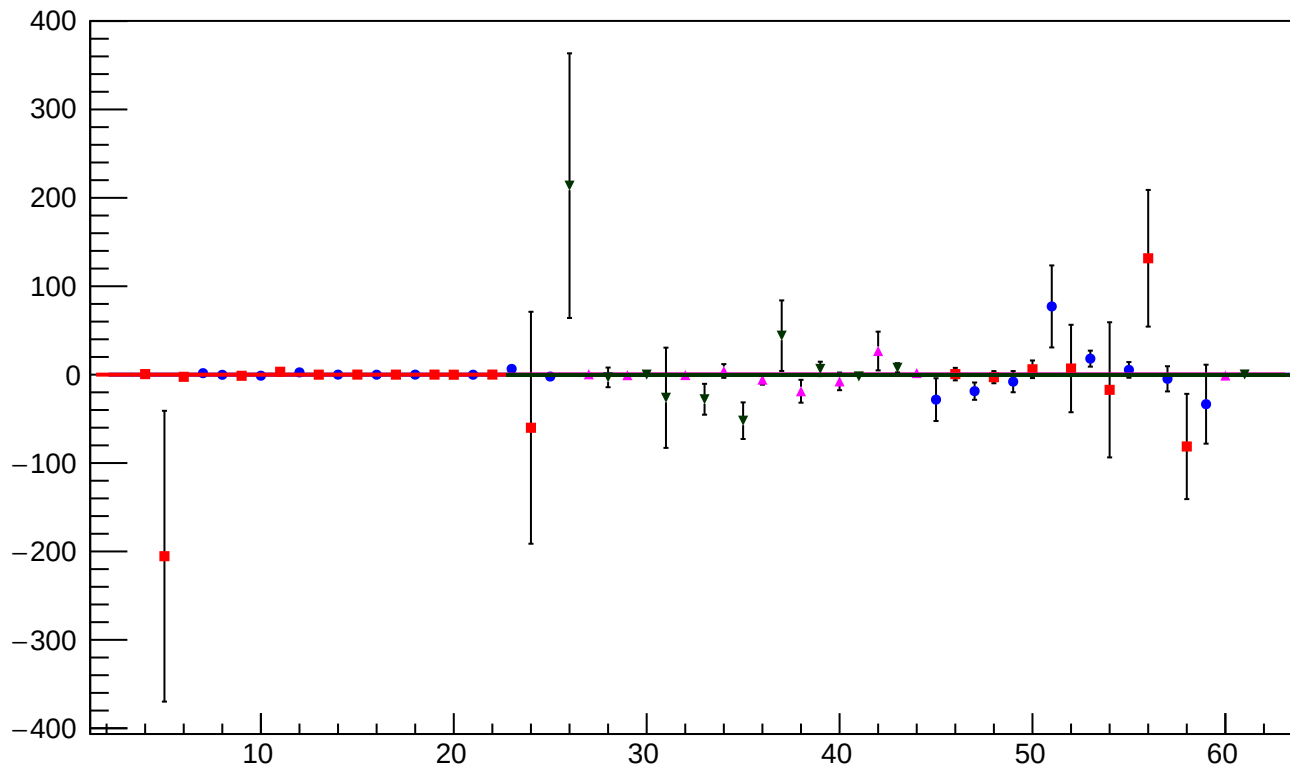


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -0.409 ± 1.254

Right Out: 0.017 ± 0.016

Left In: -0.095 ± 0.167

$\chi^2/\text{NDF}: 31.2/17$

$\chi^2/\text{NDF}: 16.2/10$

$\chi^2/\text{NDF}: 24.7/18$

$\chi^2/\text{NDF}: 15.8/9$

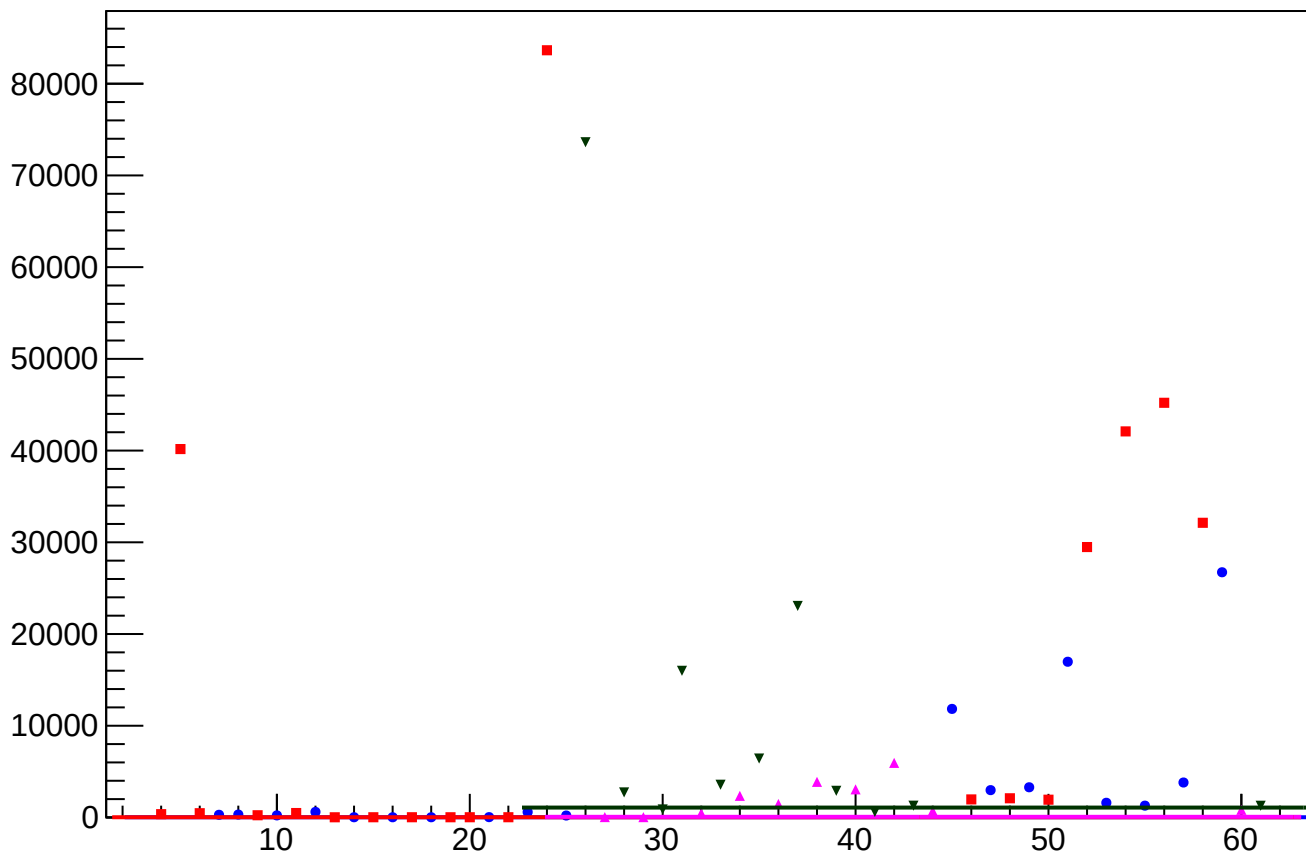
-0.014 ± 0.014

0.016 ± 0.016

$\chi^2/\text{NDF}: 47.5/28$

$\chi^2/\text{NDF}: 41.0/28$

diff_cav4bX_rms vs slug



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

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

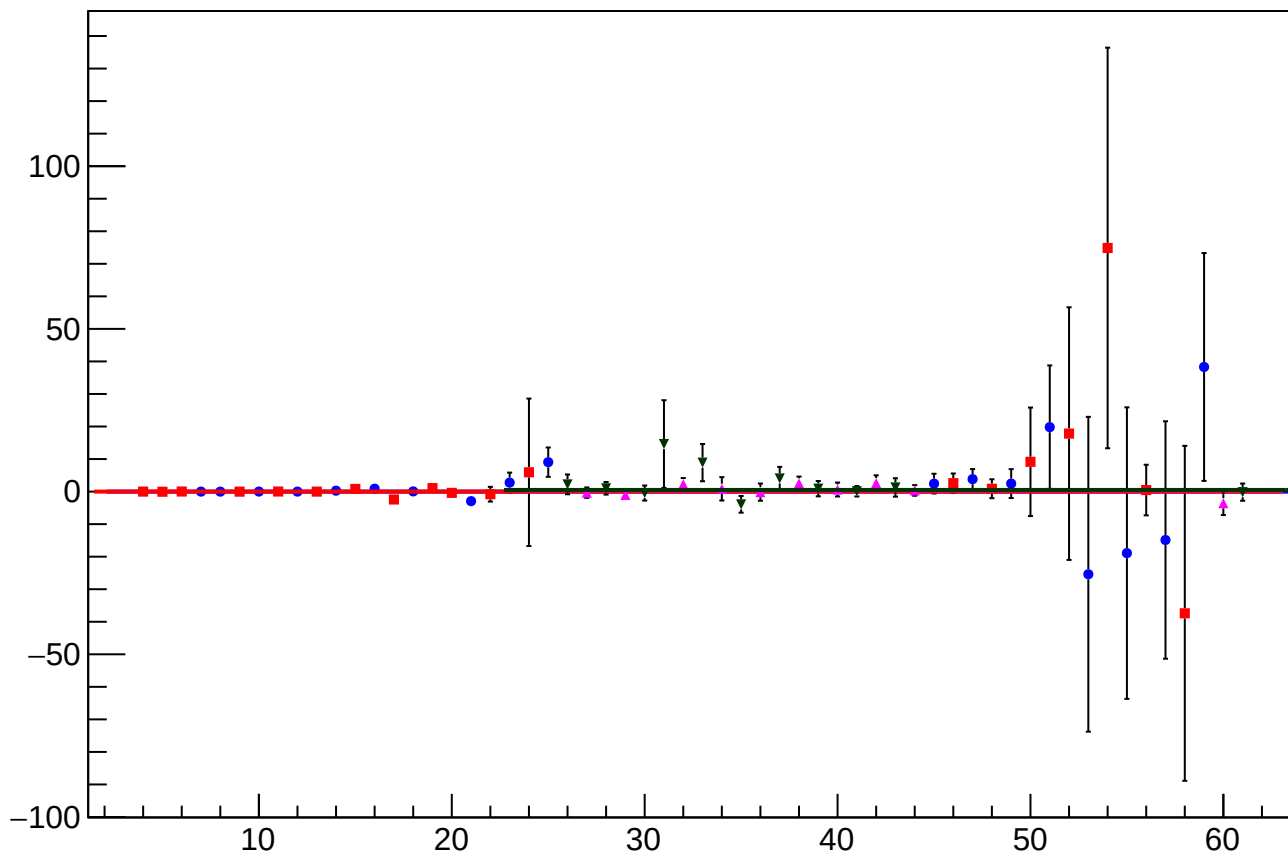
Right Out: 22.611+/-0.011 χ^2/NDF : 4395534.2/18

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

22.567+/-0.010 χ^2/NDF : 5890755.9/28

23.045+/-0.011 χ^2/NDF : 6571842.1/28

diff_cav4bY_mean vs slug



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

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

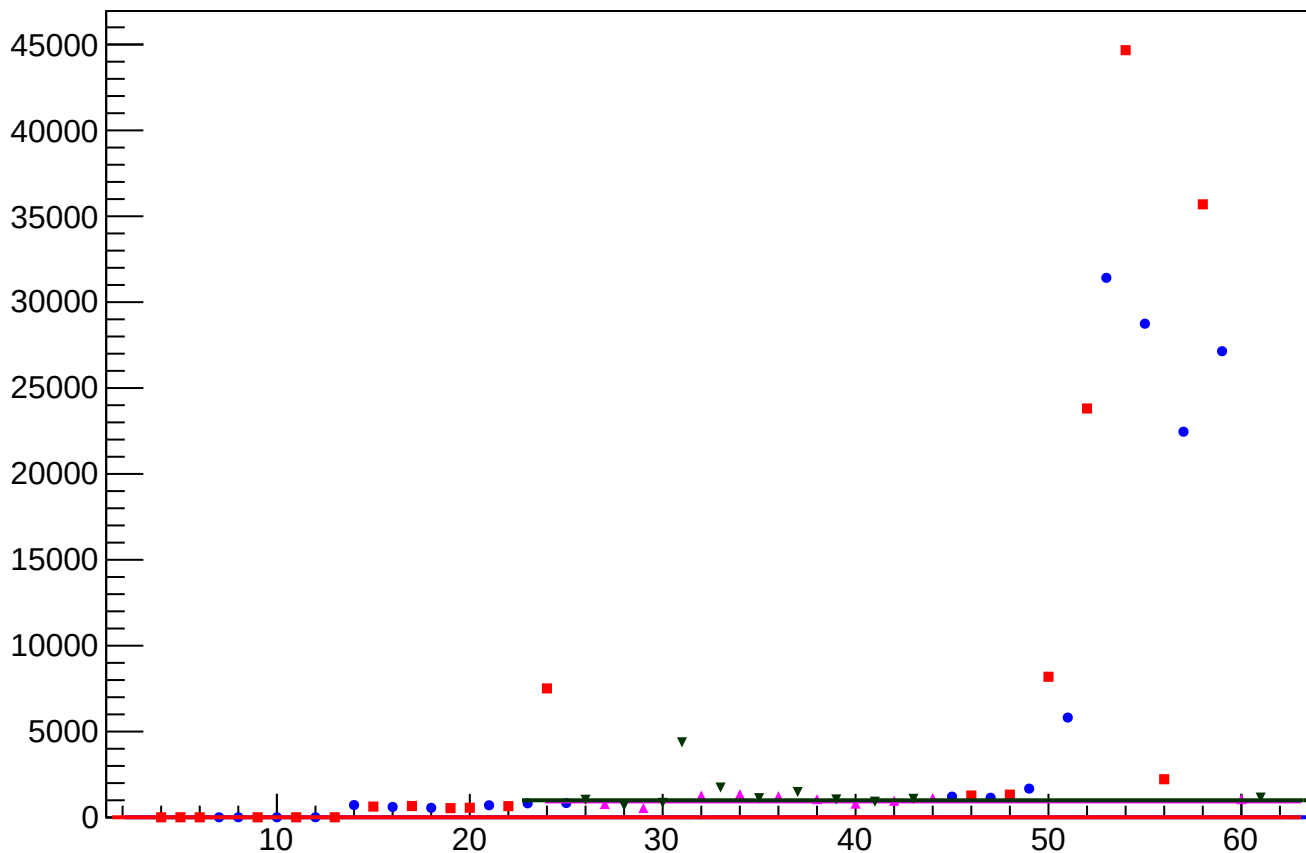
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.417 ± 0.631 χ^2/NDF : 5.5/9

-0.001 ± 0.006 χ^2/NDF : 32.0/28

0.002 ± 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: 999.304+/-0.549 χ^2/NDF :277281.3/10

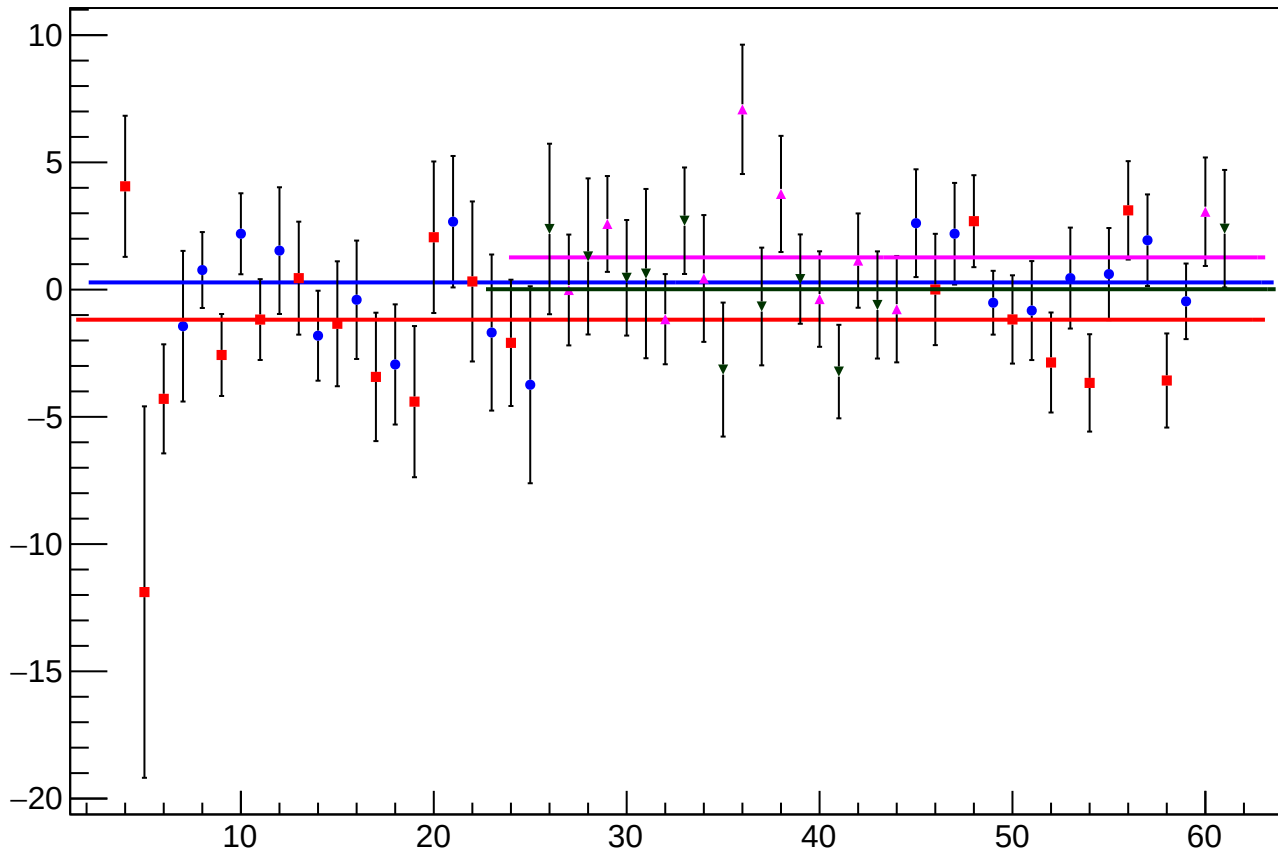
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

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

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

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: 0.015 ± 0.695 $\chi^2/\text{NDF}: 8.2/10$

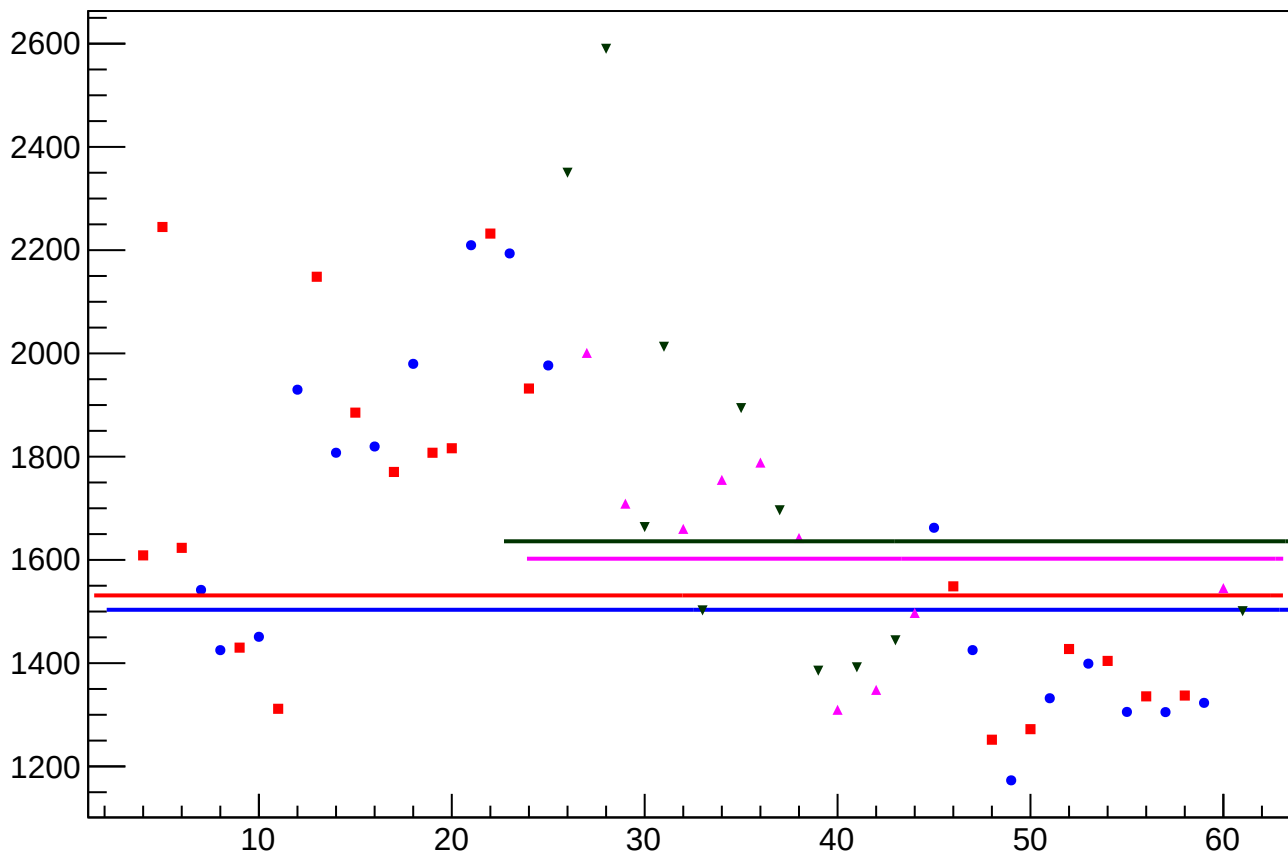
Right Out: -1.182 ± 0.494 $\chi^2/\text{NDF}: 26.5/18$

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

0.202 ± 0.381 $\chi^2/\text{NDF}: 20.2/28$

-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: 1636.069+/-0.491 χ^2/NDF : 438528.0/10

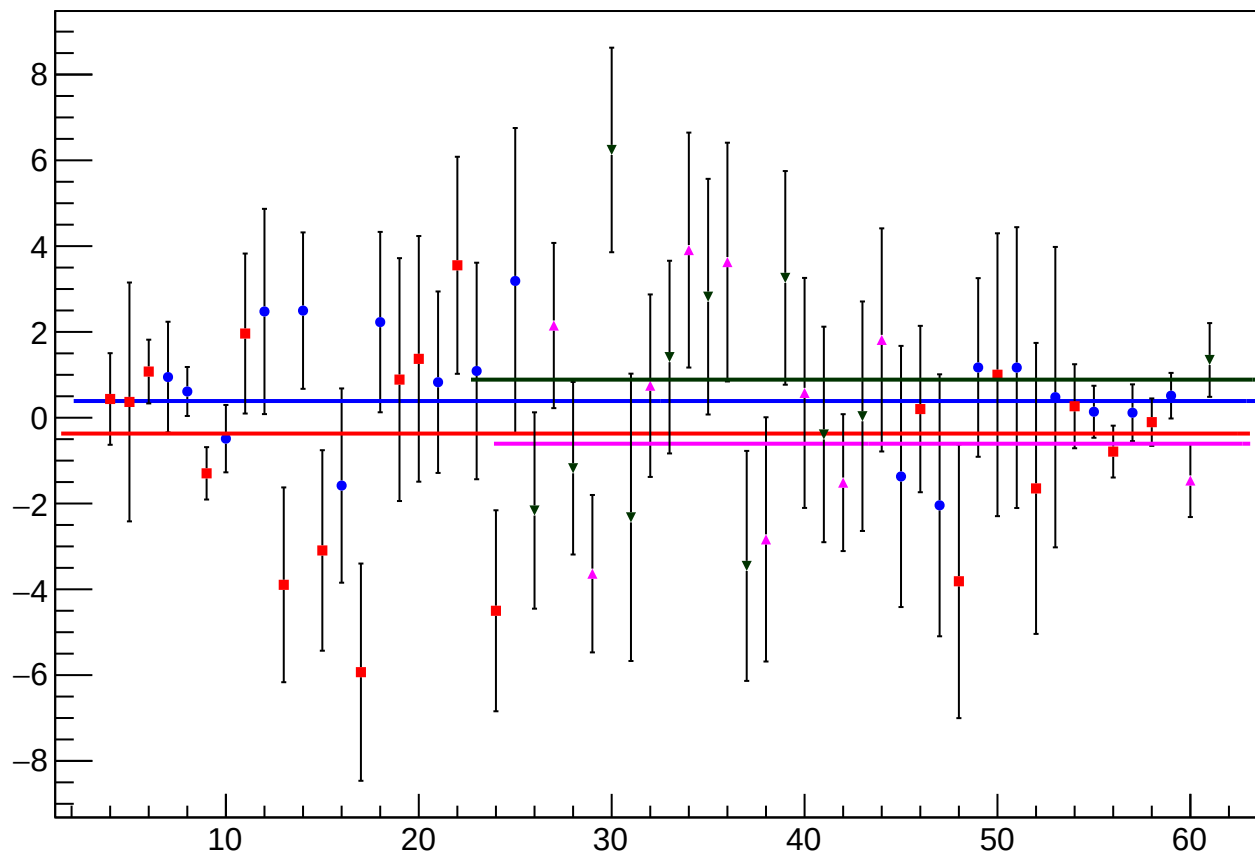
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

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

1543.287+/-0.269 χ^2/NDF : 1266327.2/28

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: 0.888 ± 0.579 χ^2/NDF : 13.5/10

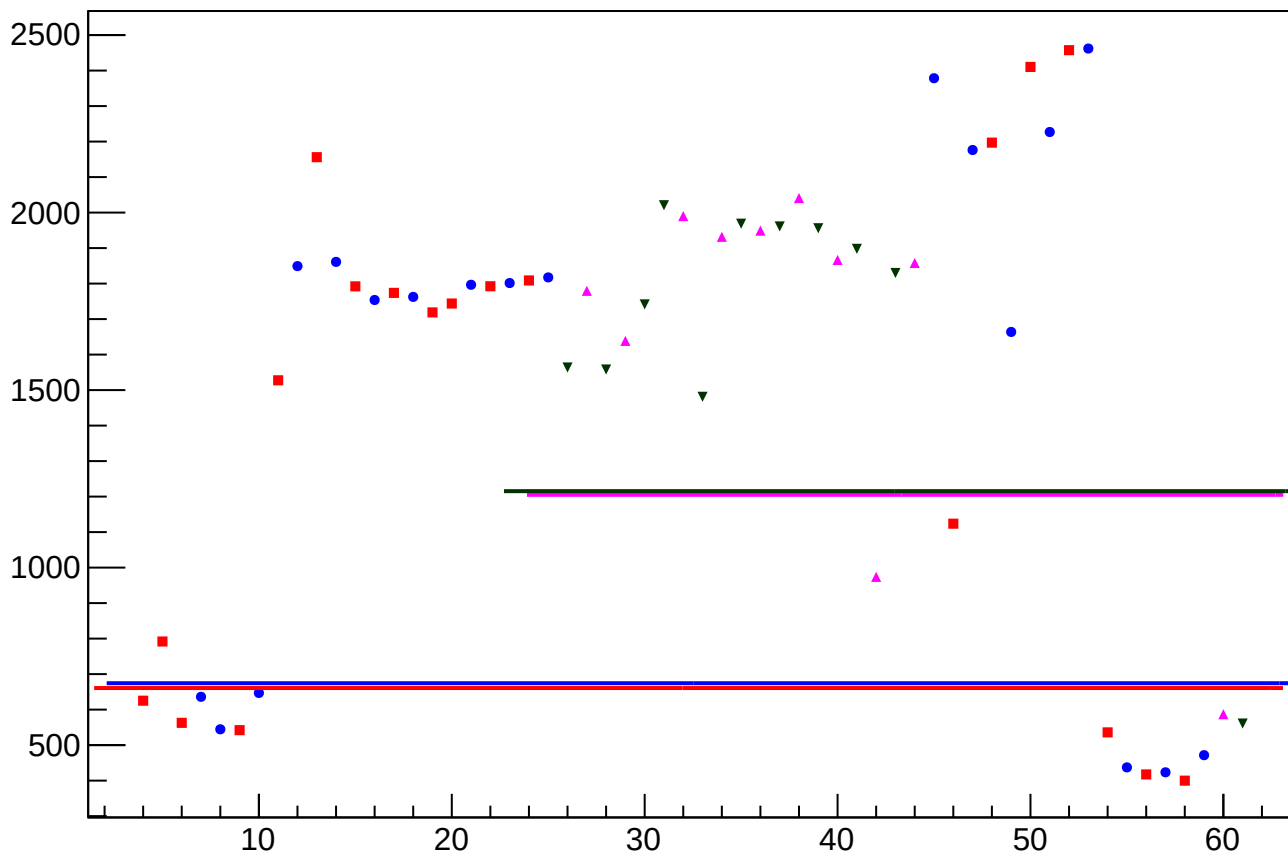
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

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

0.468 ± 0.231 χ^2/NDF : 21.6/28

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

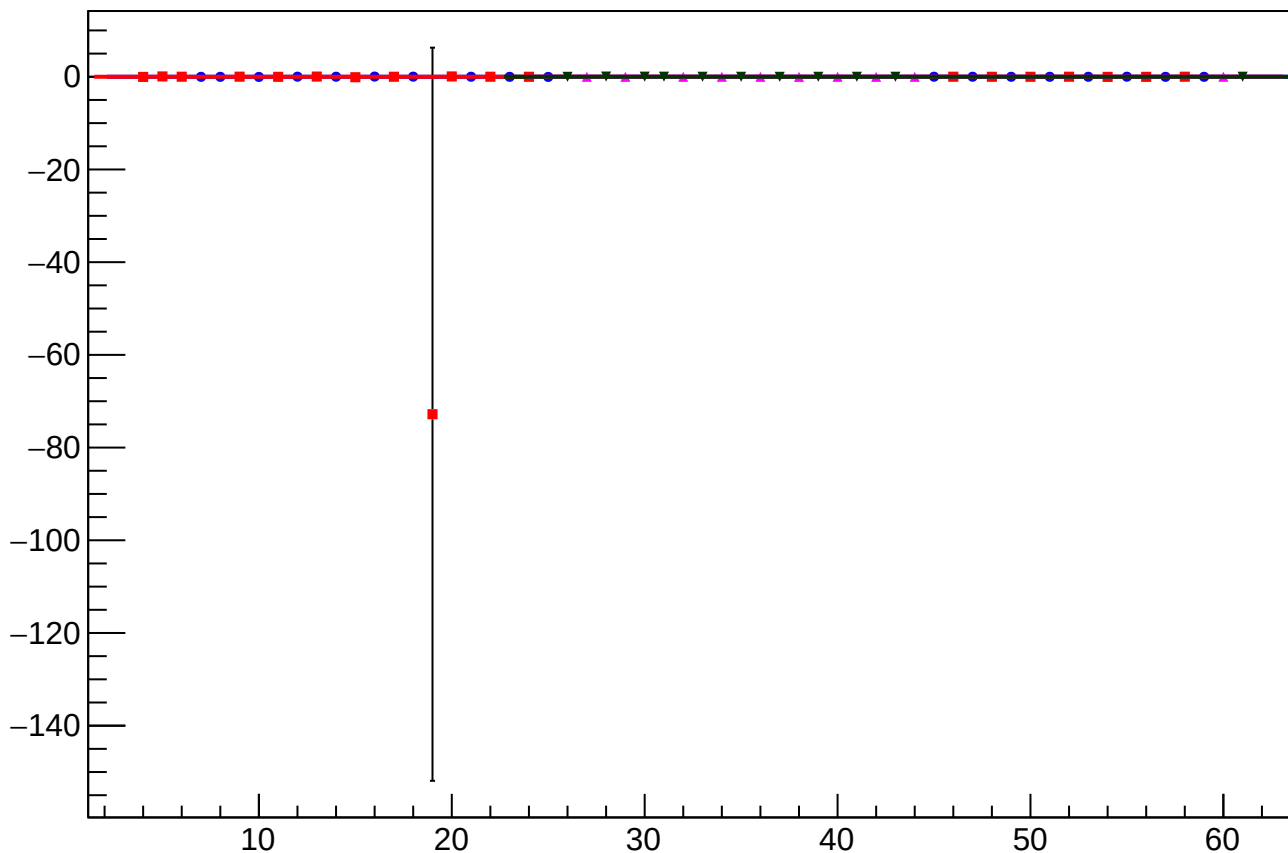
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

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

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

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:8.8/10

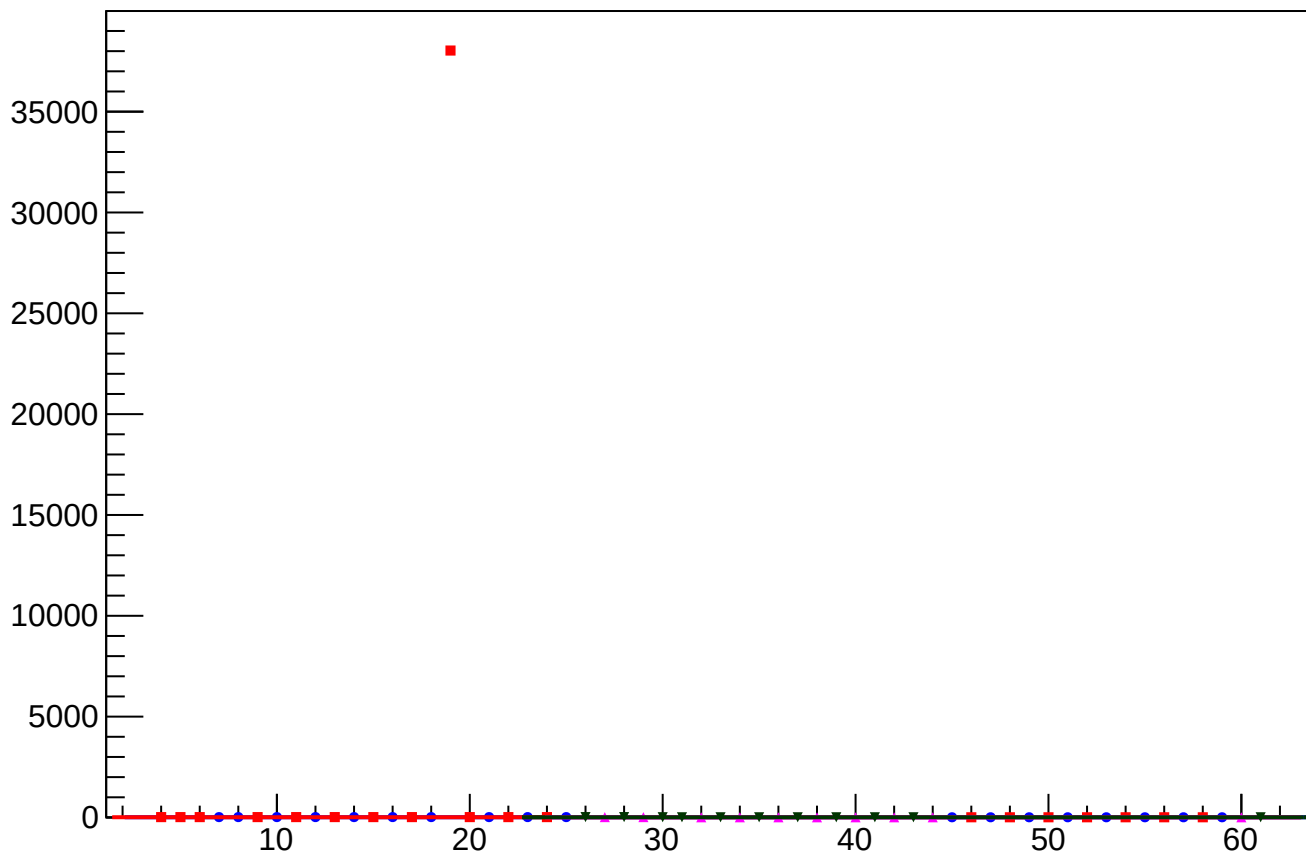
Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 20.0/18

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

0.001 $\pm$ 0.003 χ^2 /NDF: 20.8/28

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

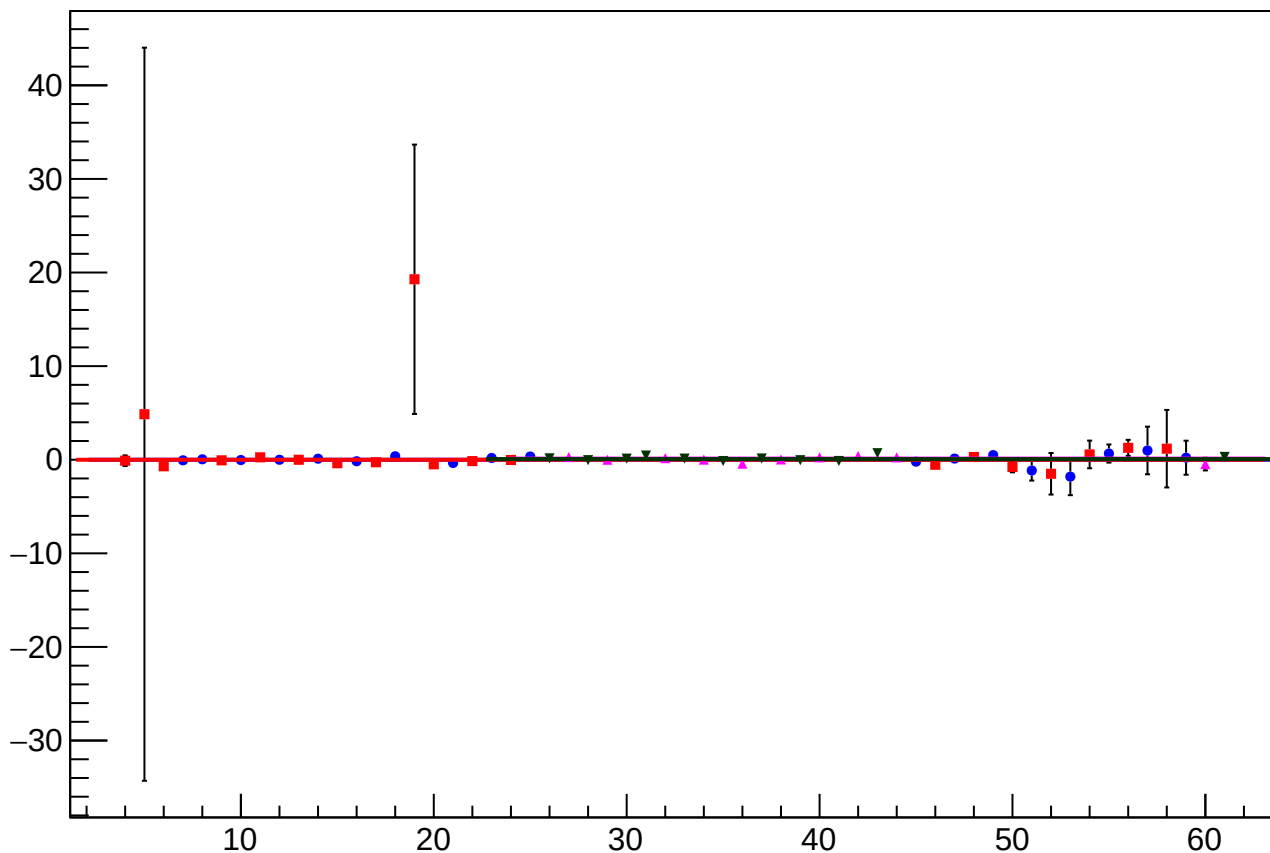
Right Out: 11.097 $\pm$ 0.003 χ^2 /NDF: 2257827.7/18

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

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

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: 0.071 ± 0.056 χ^2/NDF : 12.6/10

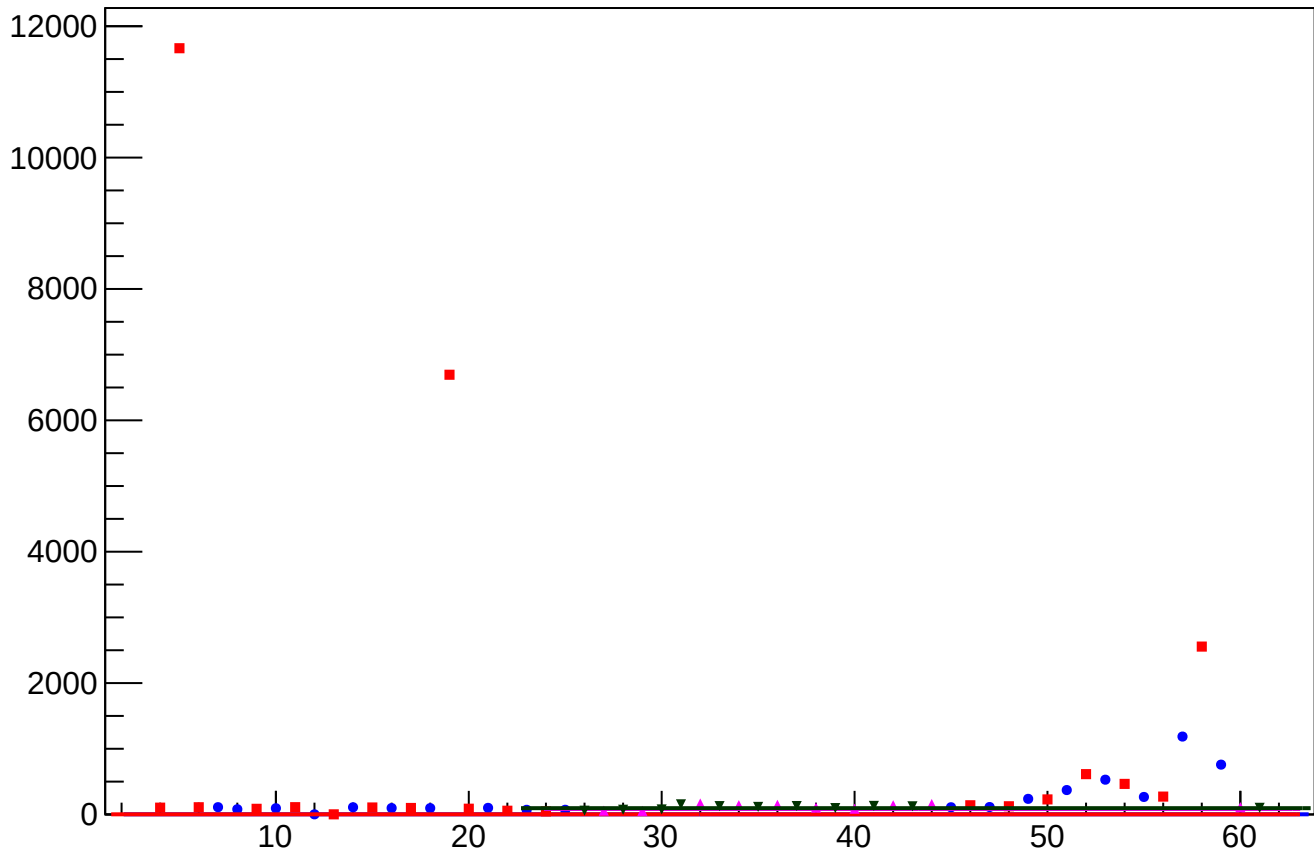
Right Out: -0.003 ± 0.003 χ^2/NDF : 21.1/18

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

-0.002 ± 0.003 χ^2/NDF : 35.2/28

-0.002 ± 0.003 χ^2/NDF : 37.2/28

diff_cav4dY_rms vs slug



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

Left Out: 95.635 $\pm$ 0.040 χ^2 /NDF: 443661.3/10

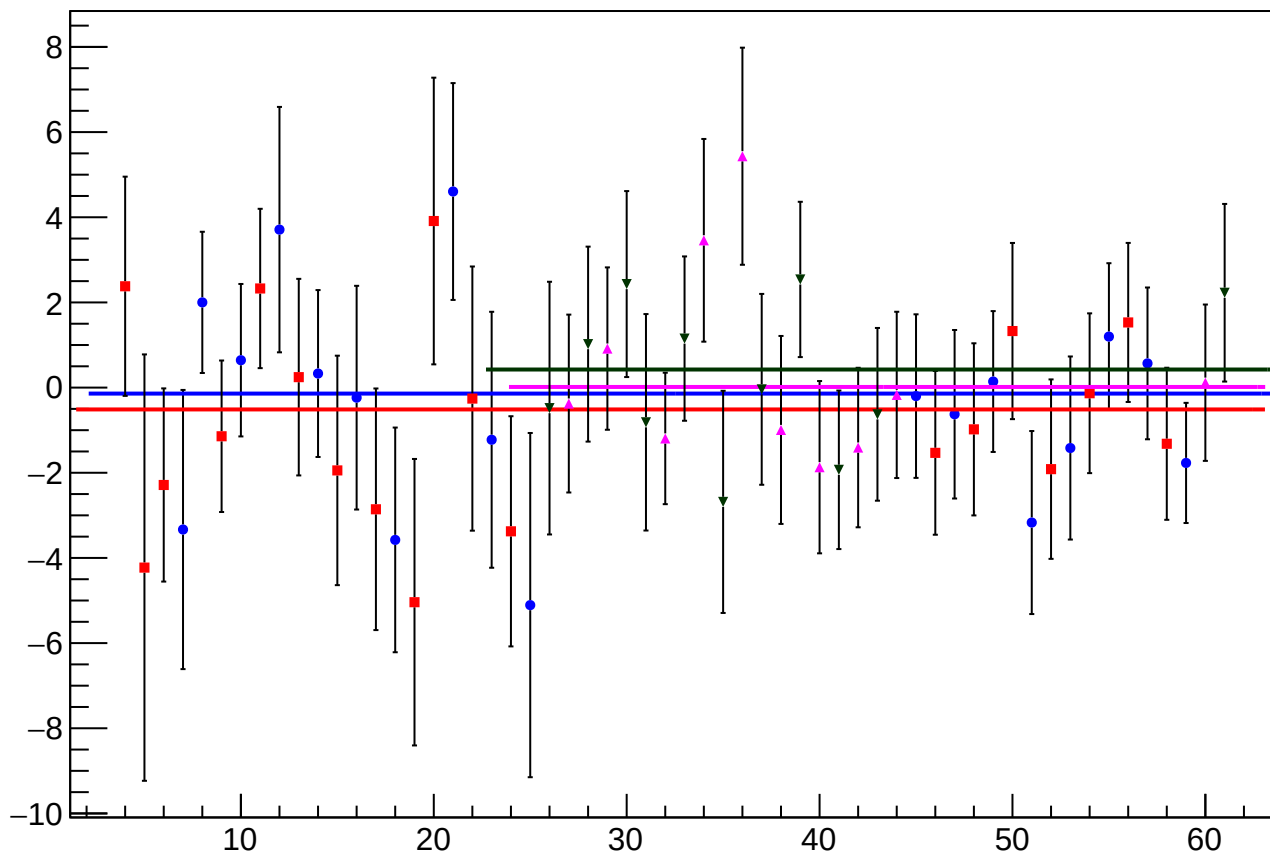
2.494 $\pm$ 0.002 χ^2 /NDF: 15120319.7/28

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

2.362 $\pm$ 0.002 χ^2 /NDF: 12431384.6/28

Left In: 83.067 $\pm$ 0.038 χ^2 /NDF: 1082614.3/9

diff_bpm4aX_mean vs slug



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

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

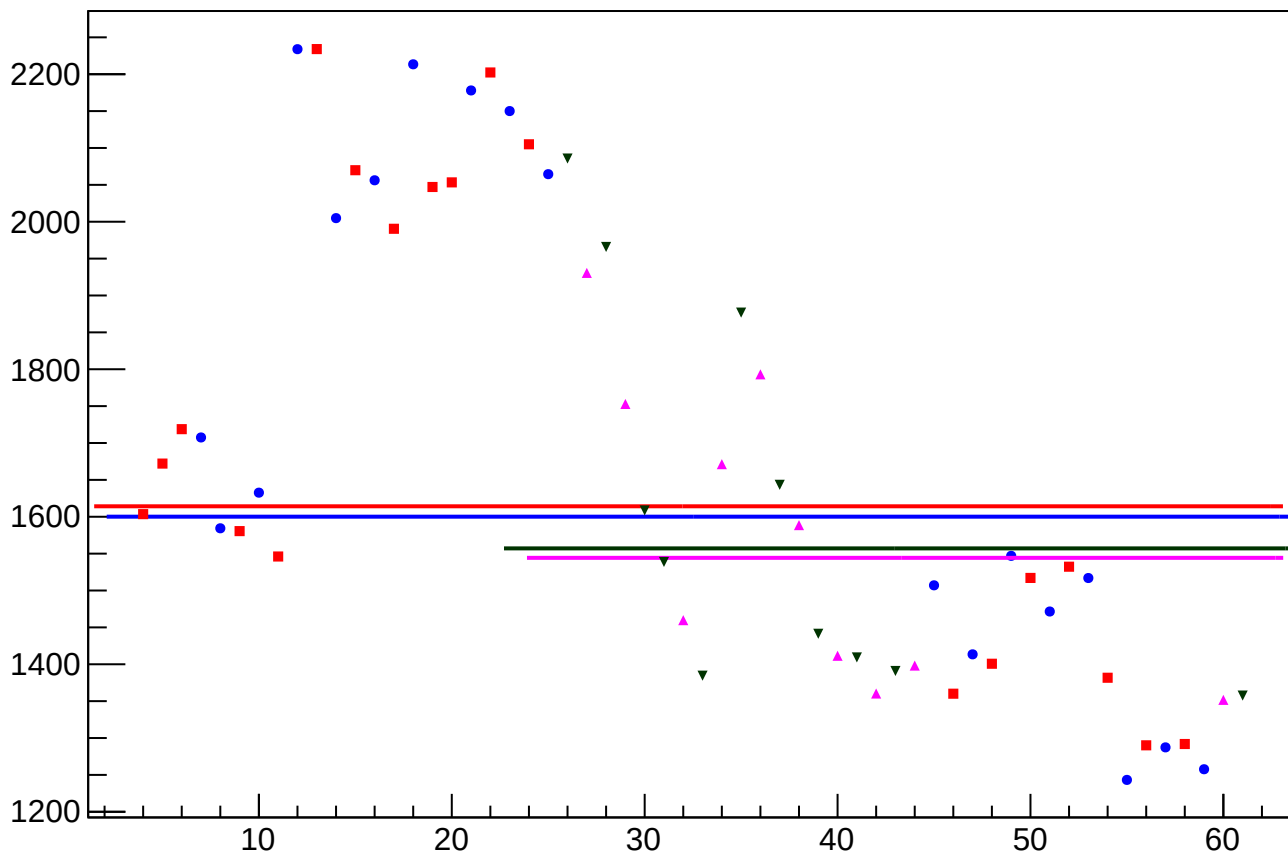
Right Out: -0.513 ± 0.519 χ^2/NDF : 13.6/18

Left In: 0.015 ± 0.626 χ^2/NDF : 9.1/9

0.061 ± 0.390 χ^2/NDF : 23.3/28

-0.298 ± 0.400 χ^2/NDF : 23.2/28

diff_bpm4aX_rms vs slug



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

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

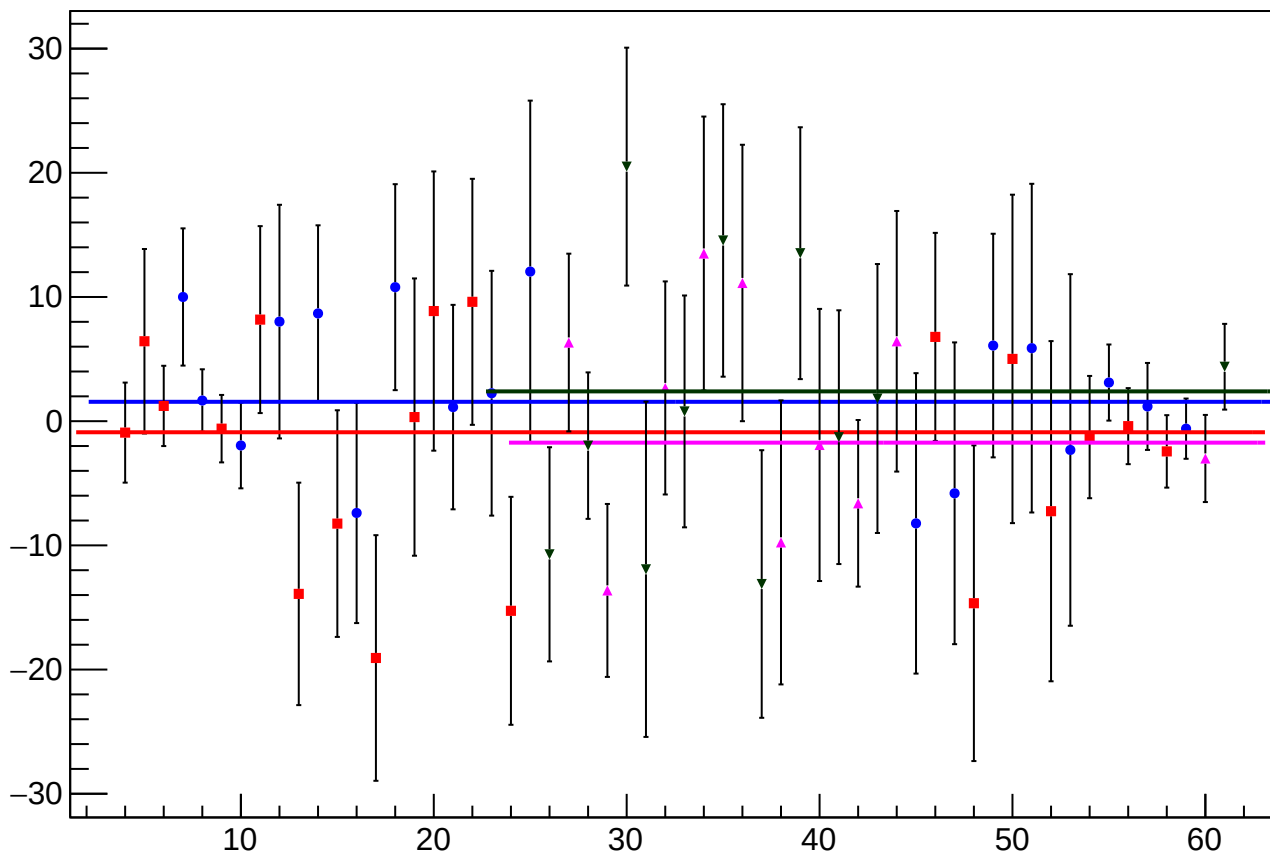
Right Out: 1614.182+/-0.367 χ^2/NDF : 670373.5/18

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

1584.802+/-0.275 χ^2/NDF : 1085192.3/28

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

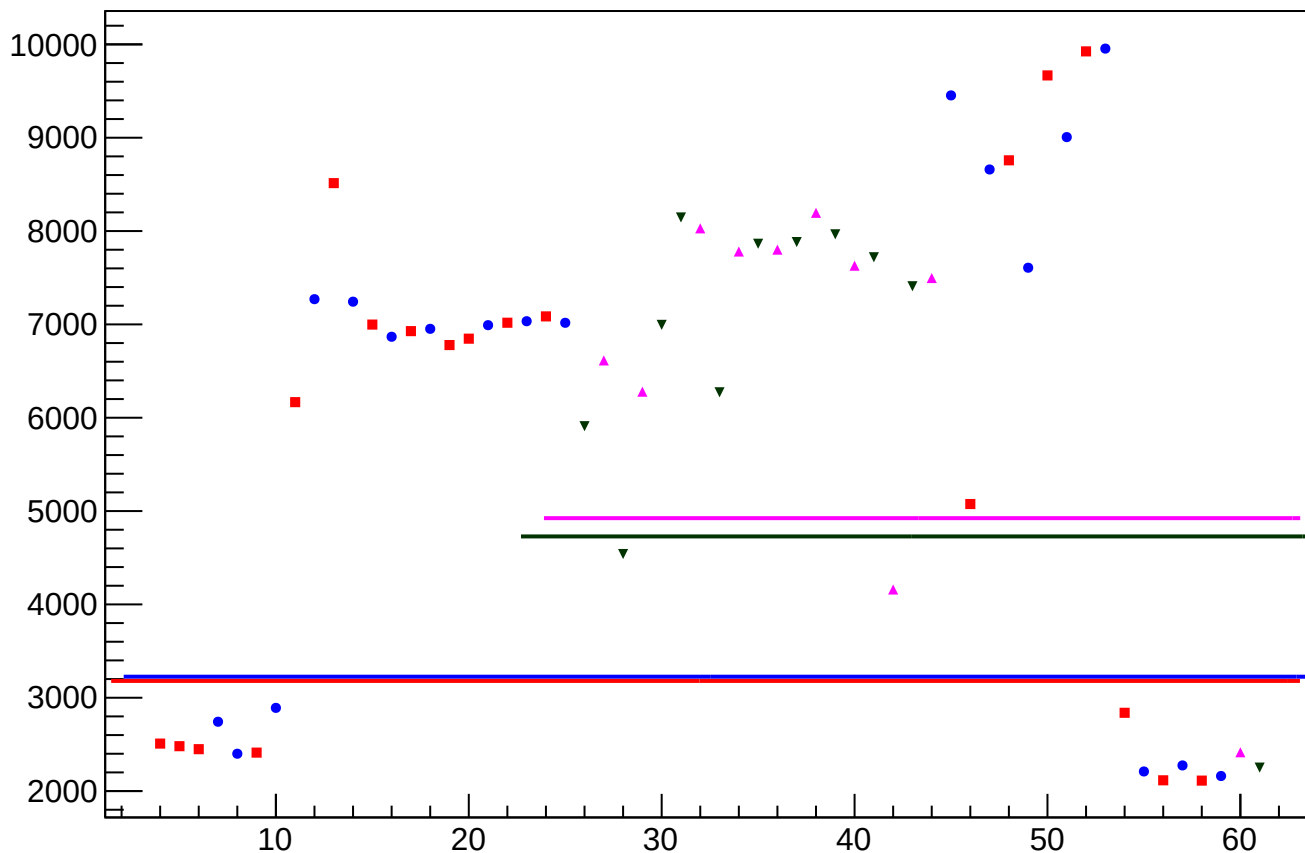
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

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

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

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

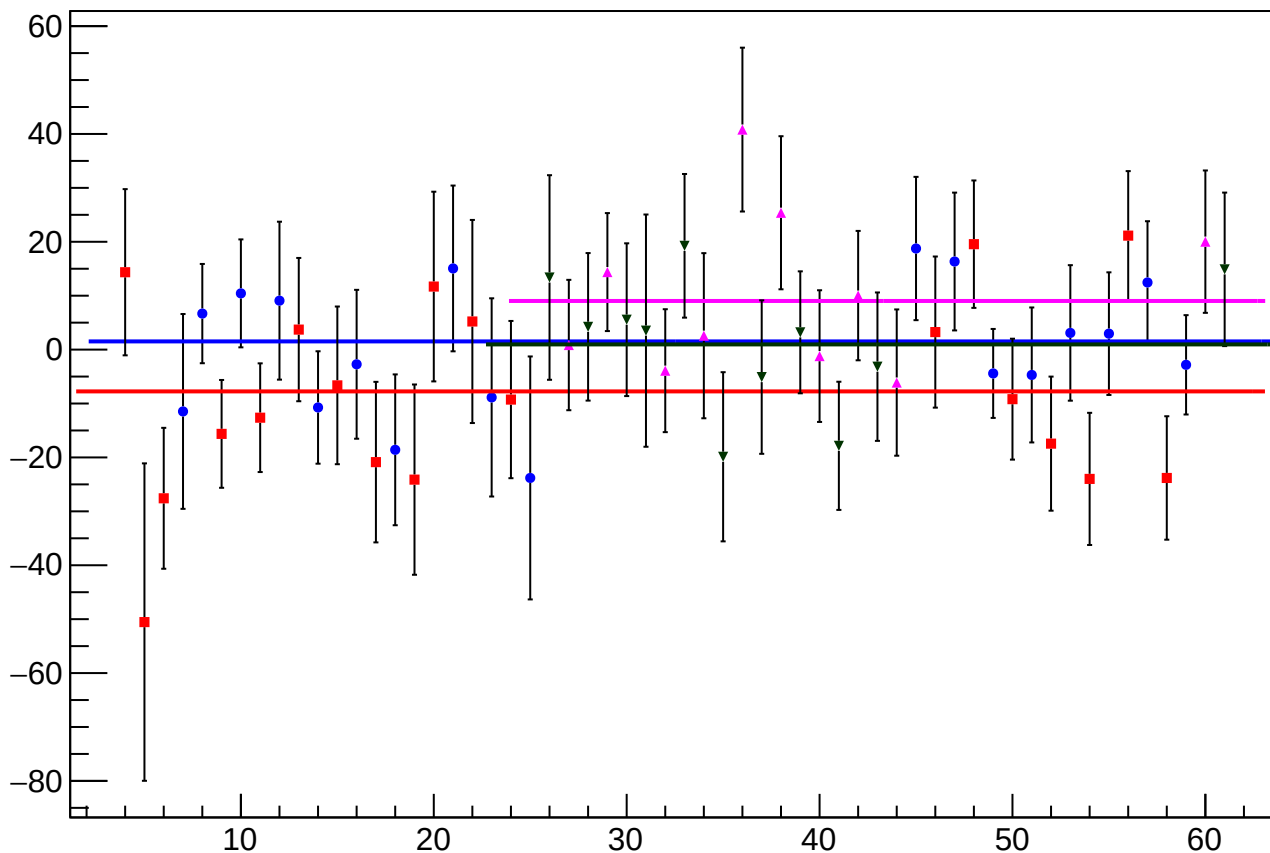
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

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

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

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

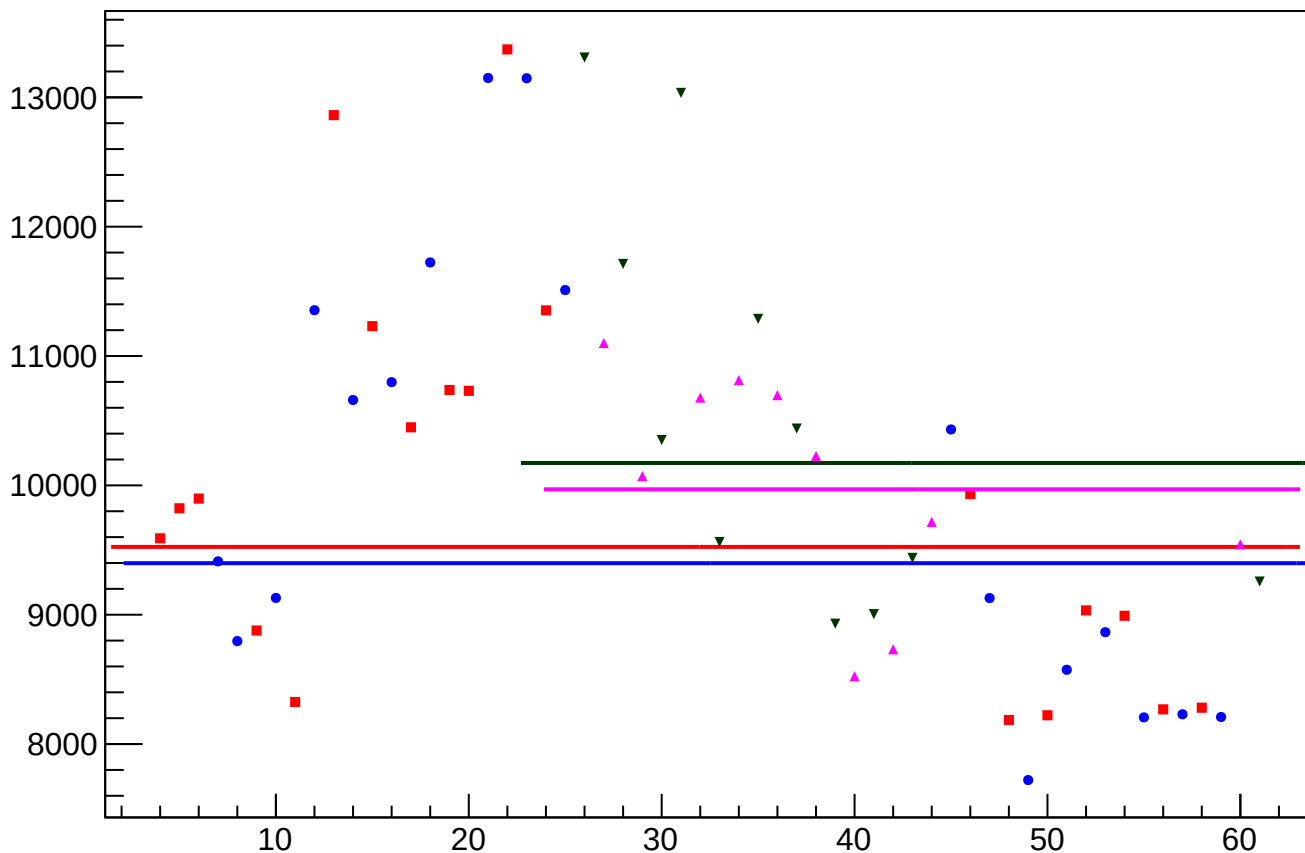
Right Out: -7.752 ± 3.046 $\chi^2/\text{NDF}: 27.5/18$

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

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

-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: 10173.290+/-3.015 χ^2/NDF : 187908.2/10

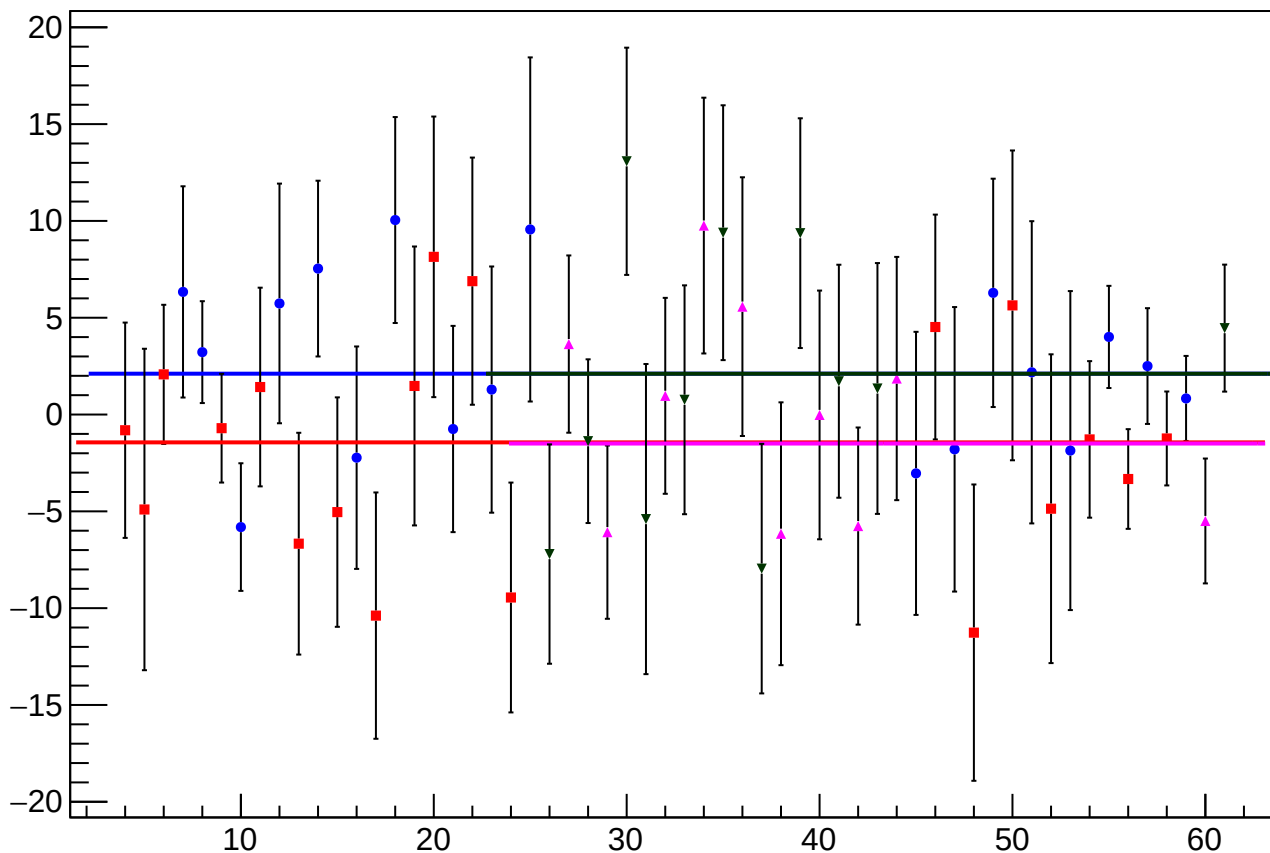
Right Out: 9524.317+/-2.154 χ^2/NDF : 440161.2/18

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

9635.572+/-1.668 χ^2/NDF : 788607.3/28

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

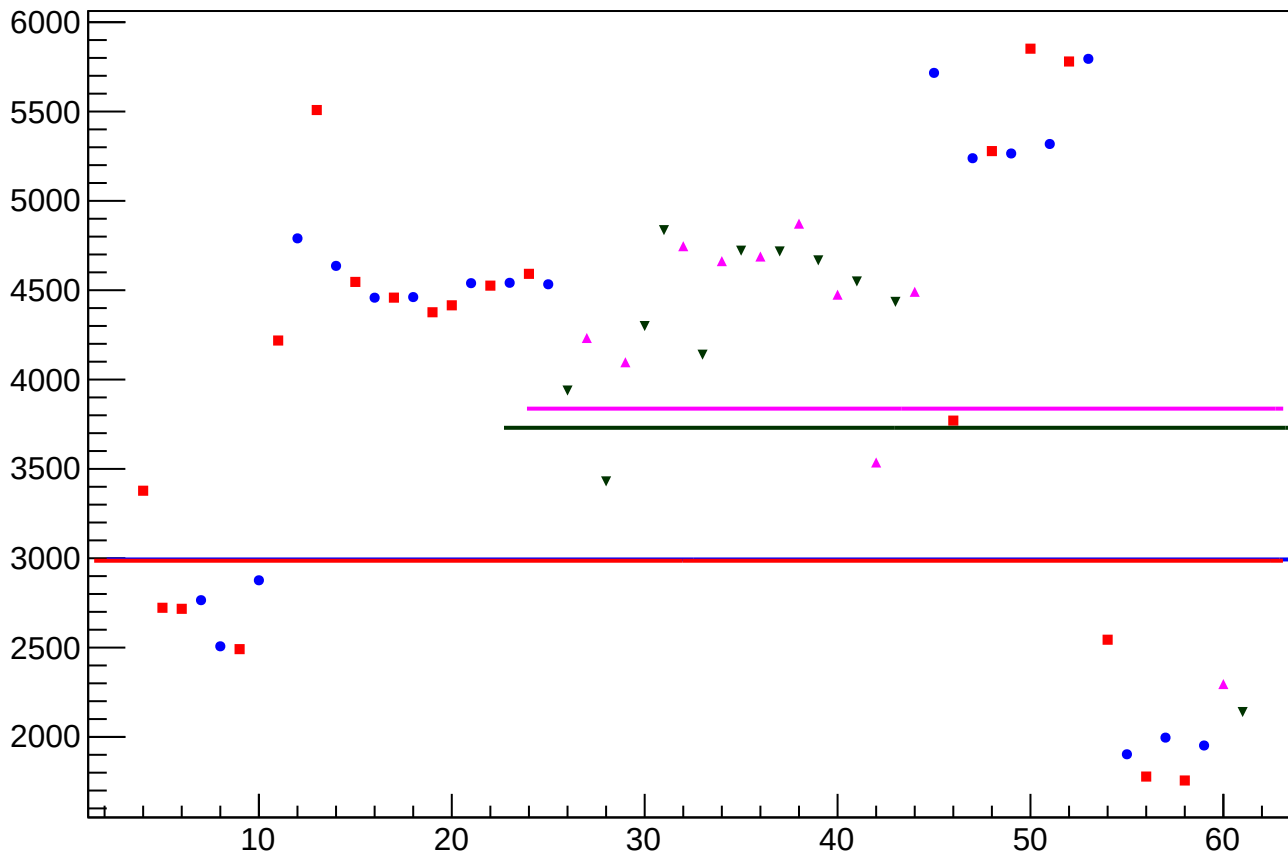
Right Out: -1.438 ± 1.040 $\chi^2/\text{NDF}: 14.4/18$

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

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

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

diff_bpm4eY_rms vs slug



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

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

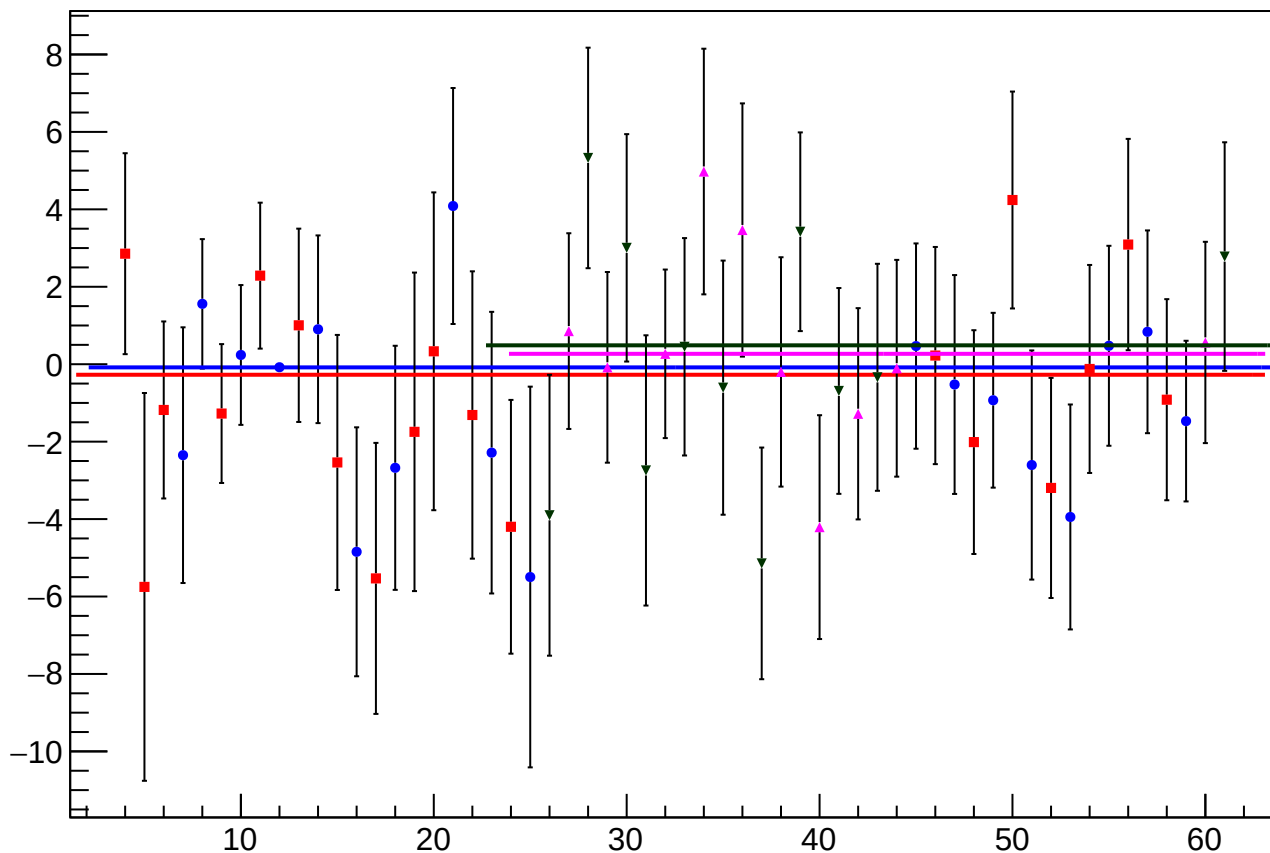
Right Out: 2986.116+/-0.736 χ^2/NDF : 2945634.2/18

Left In: 3837.277+/-1.135 χ^2/NDF : 701728.9/9

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

3237.843+/-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: 0.488 ± 0.893 $\chi^2/\text{NDF}: 11.8/10$

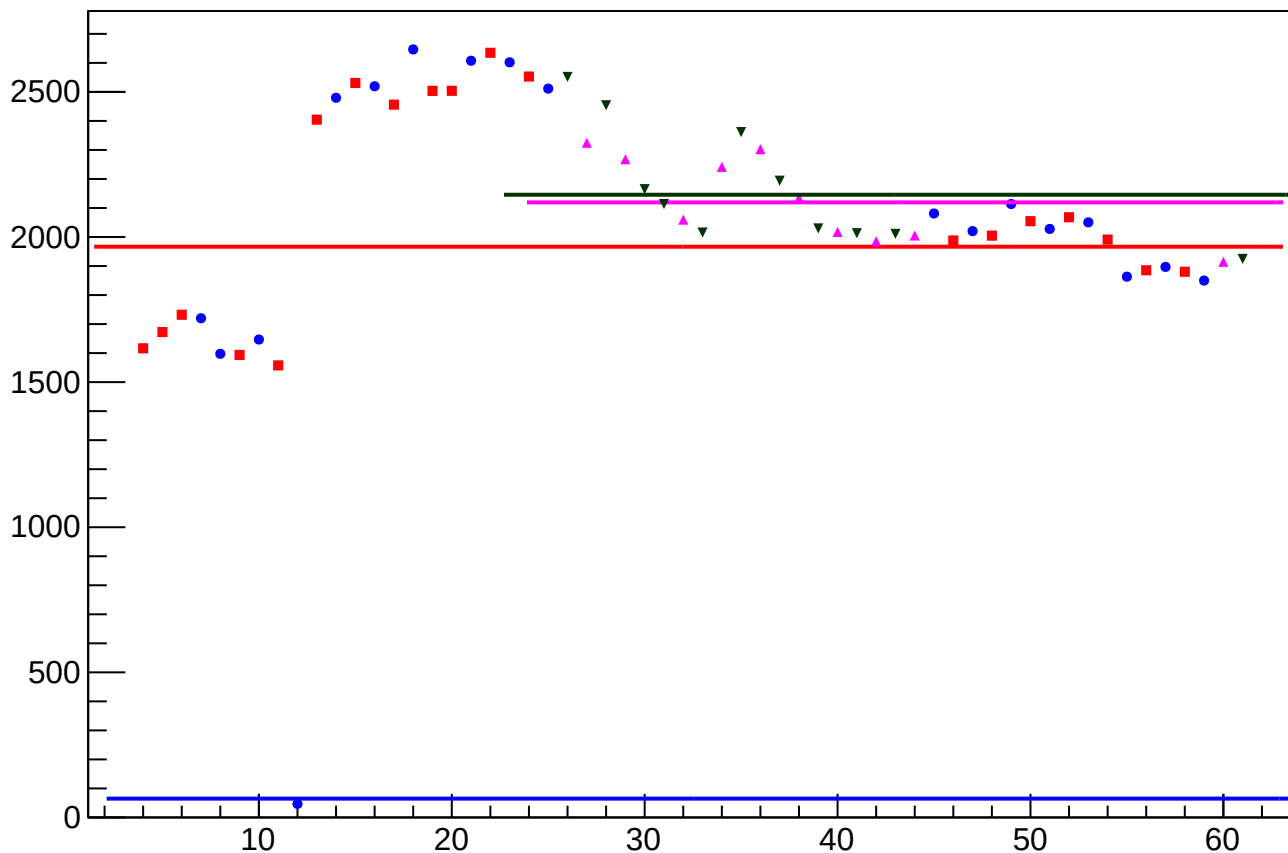
Right Out: -0.272 ± 0.631 $\chi^2/\text{NDF}: 15.3/18$

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

-0.079 ± 0.060 $\chi^2/\text{NDF}: 23.5/28$

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

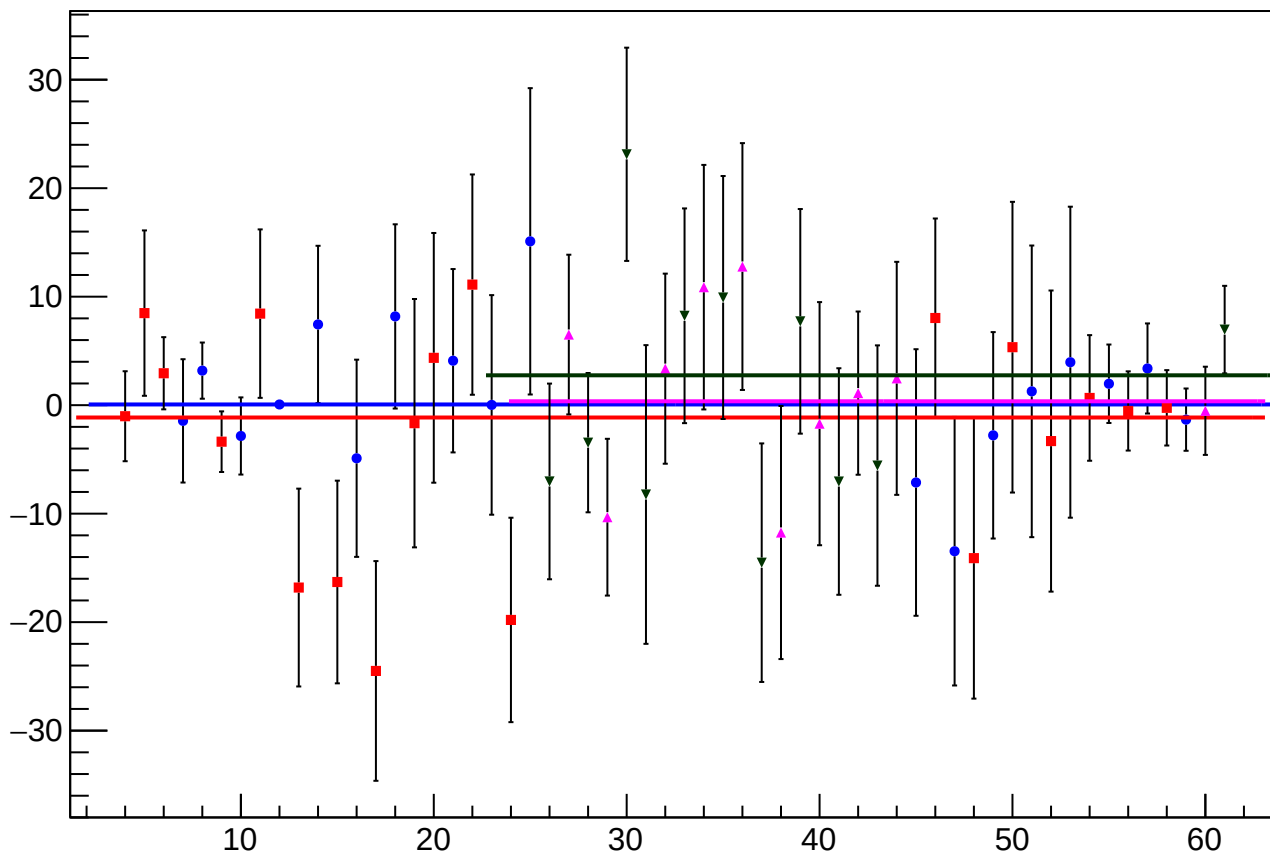
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

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

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

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

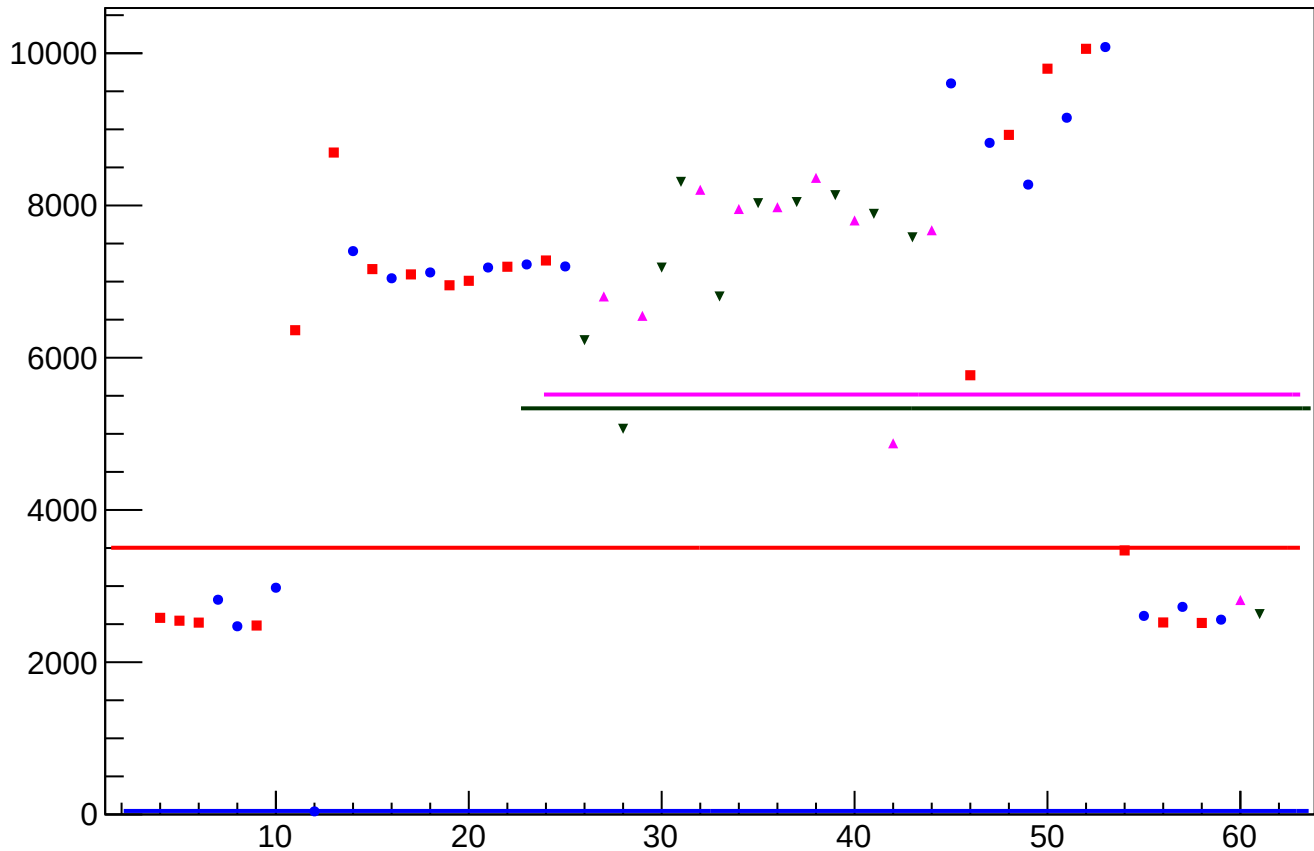
Right Out: -1.137 ± 1.295 $\chi^2/\text{NDF}: 24.2/18$

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

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

-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: 5335.153+/-1.732 χ^2 /NDF:1715132.8/10

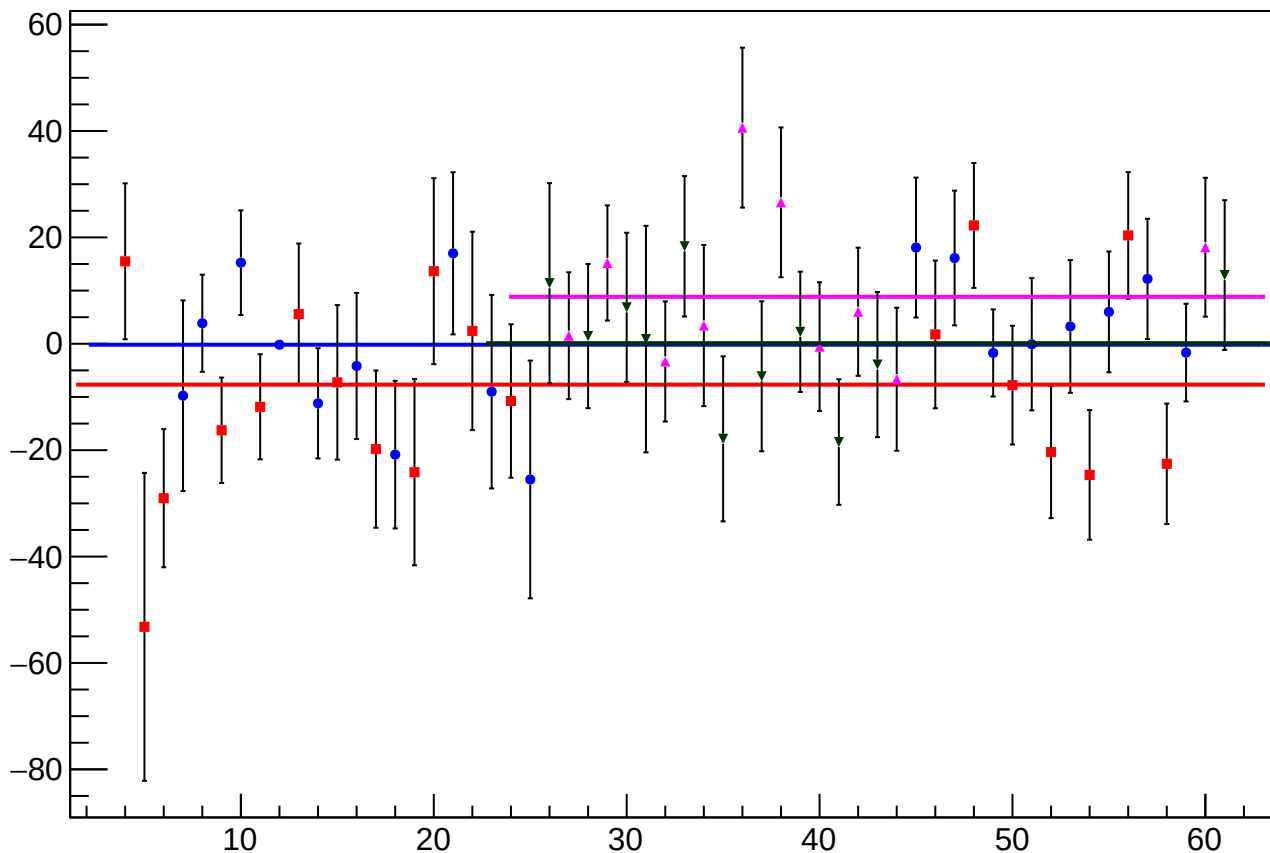
Right Out: 3503.720+/-0.916 χ^2 /NDF: 4669685.2/18

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

48.648+/-0.037 χ^2 /NDF: 31215661.7/28

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

diff_bpm4ecX_mean vs slug



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

Left Out: 0.117 ± 4.229 χ^2/NDF : 7.5/10

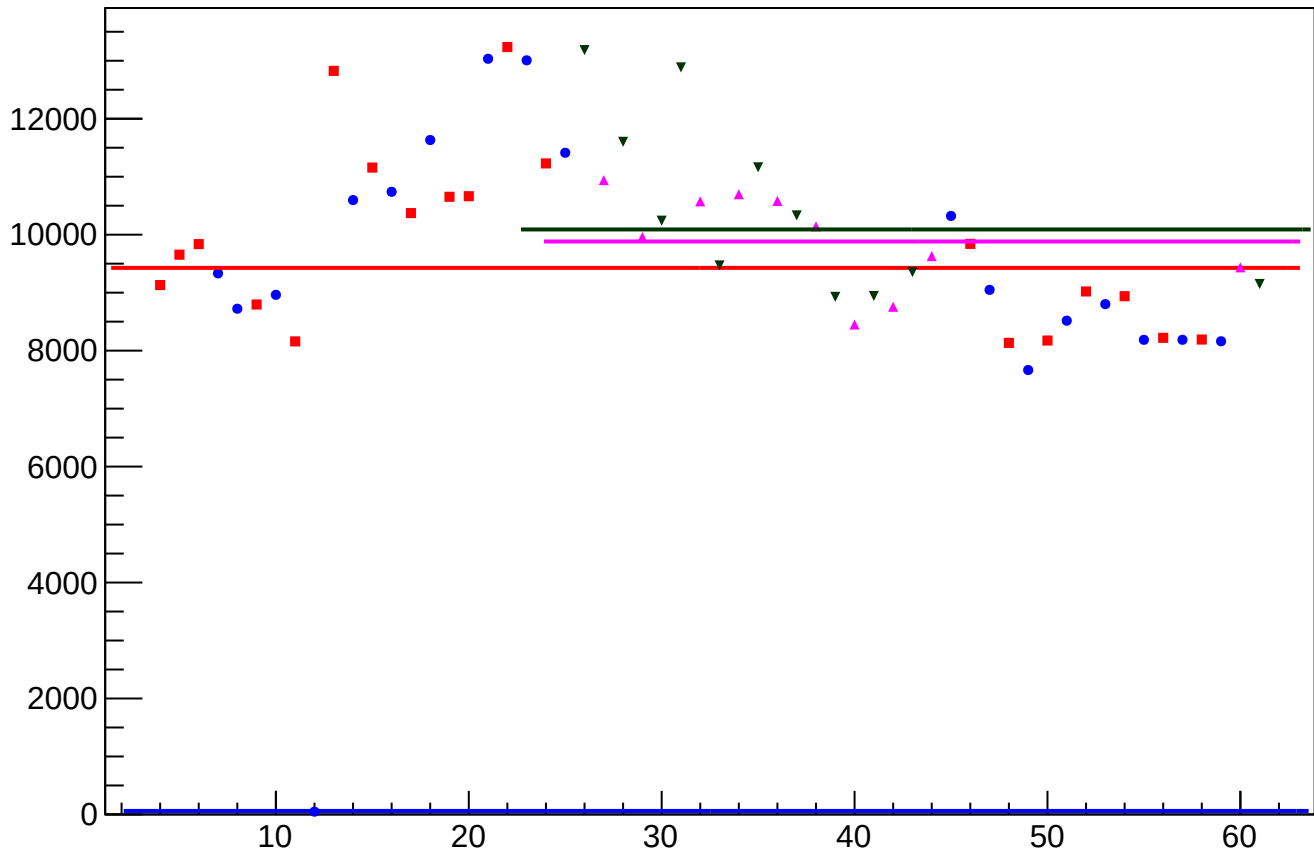
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

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

-0.174 ± 0.106 χ^2/NDF : 21.9/28

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

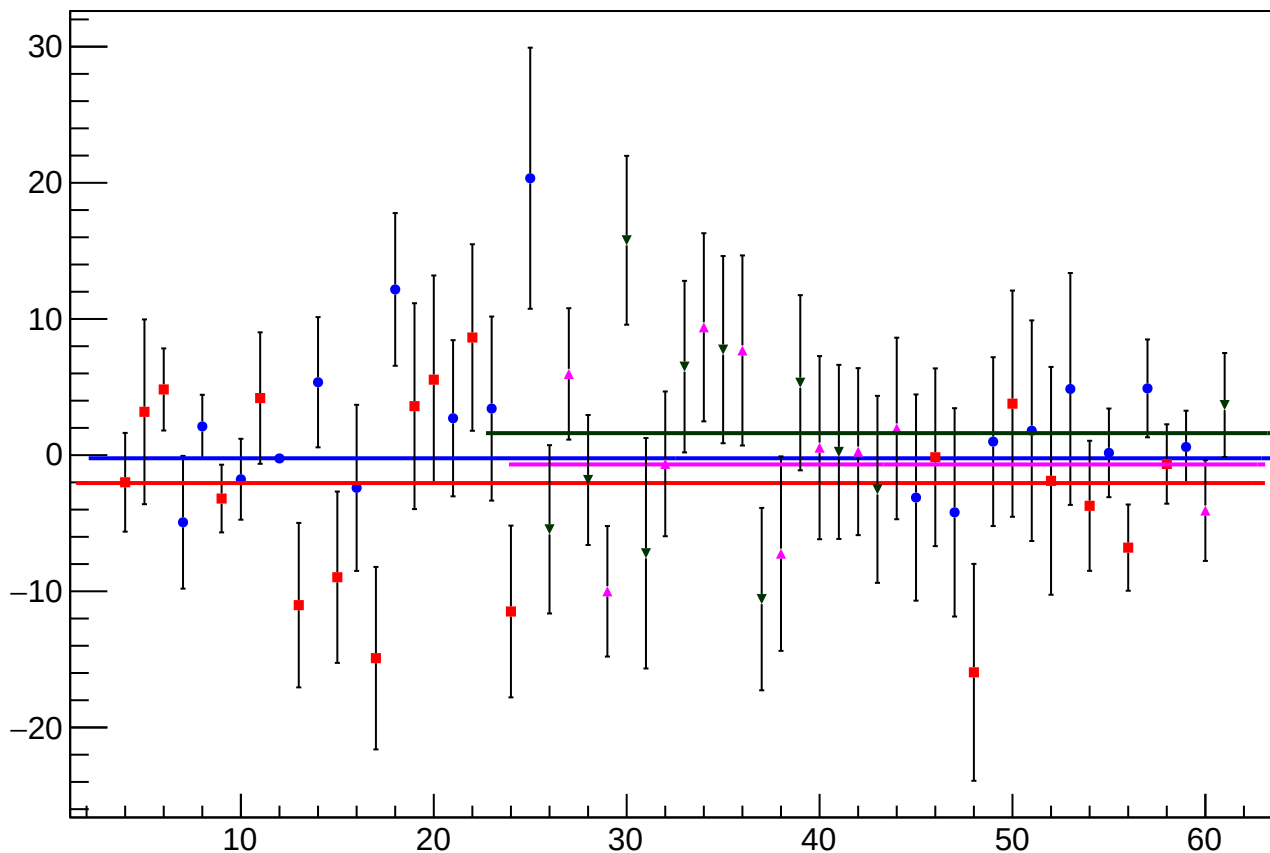
Right Out: 9427.549+/-2.132 χ^2/NDF : 447350.4/18

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

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

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

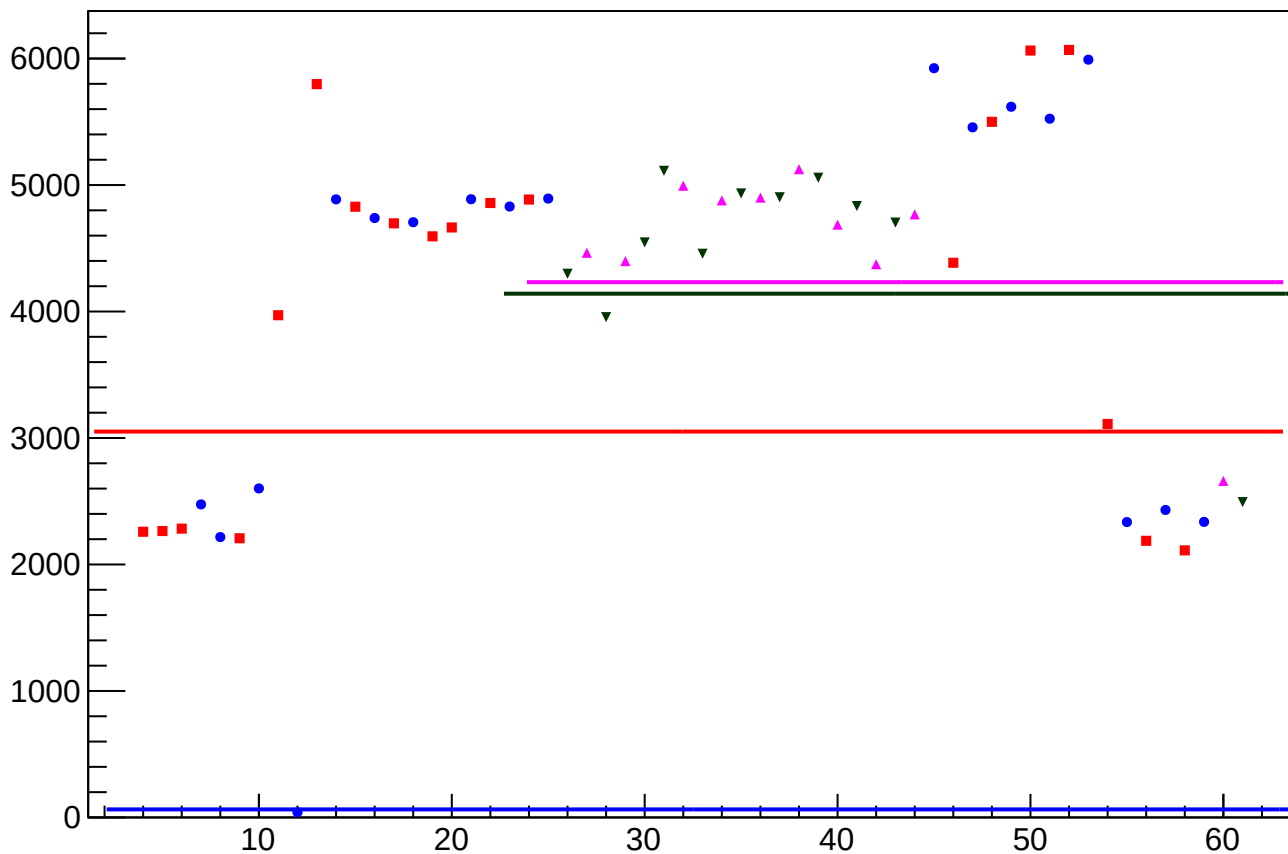
Right Out: -2.049 ± 1.055 $\chi^2/\text{NDF}: 27.2/18$

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

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

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

diff_bpm4ecY_rms vs slug



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

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

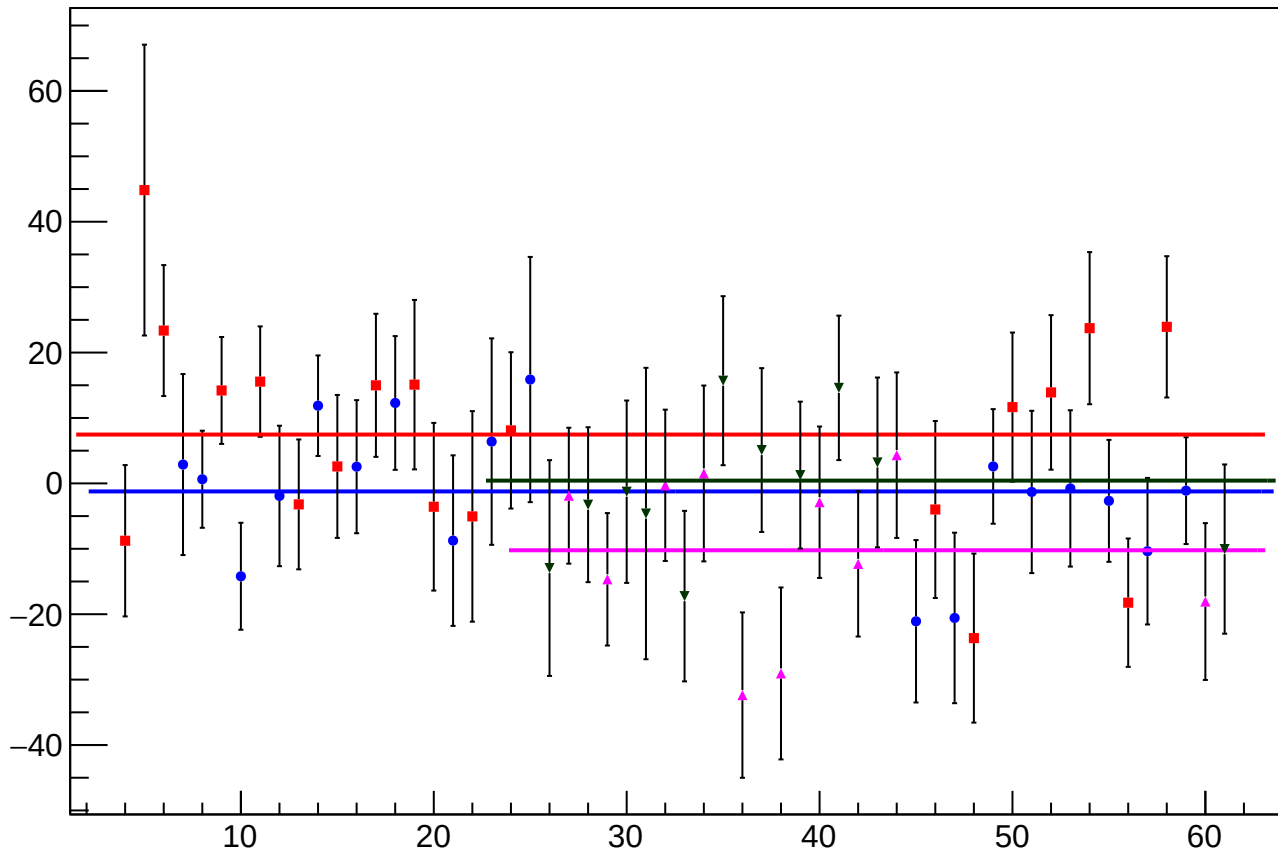
Right Out: 3050.872 $\pm$ 0.746 χ^2 /NDF: 2882138.2/18

Left In: 4232.157 $\pm$ 1.236 χ^2 /NDF: 499474.3/9

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

3366.440 $\pm$ 0.639 χ^2 /NDF: 4050926.0/28

diff_bpm1X_mean vs slug



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

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

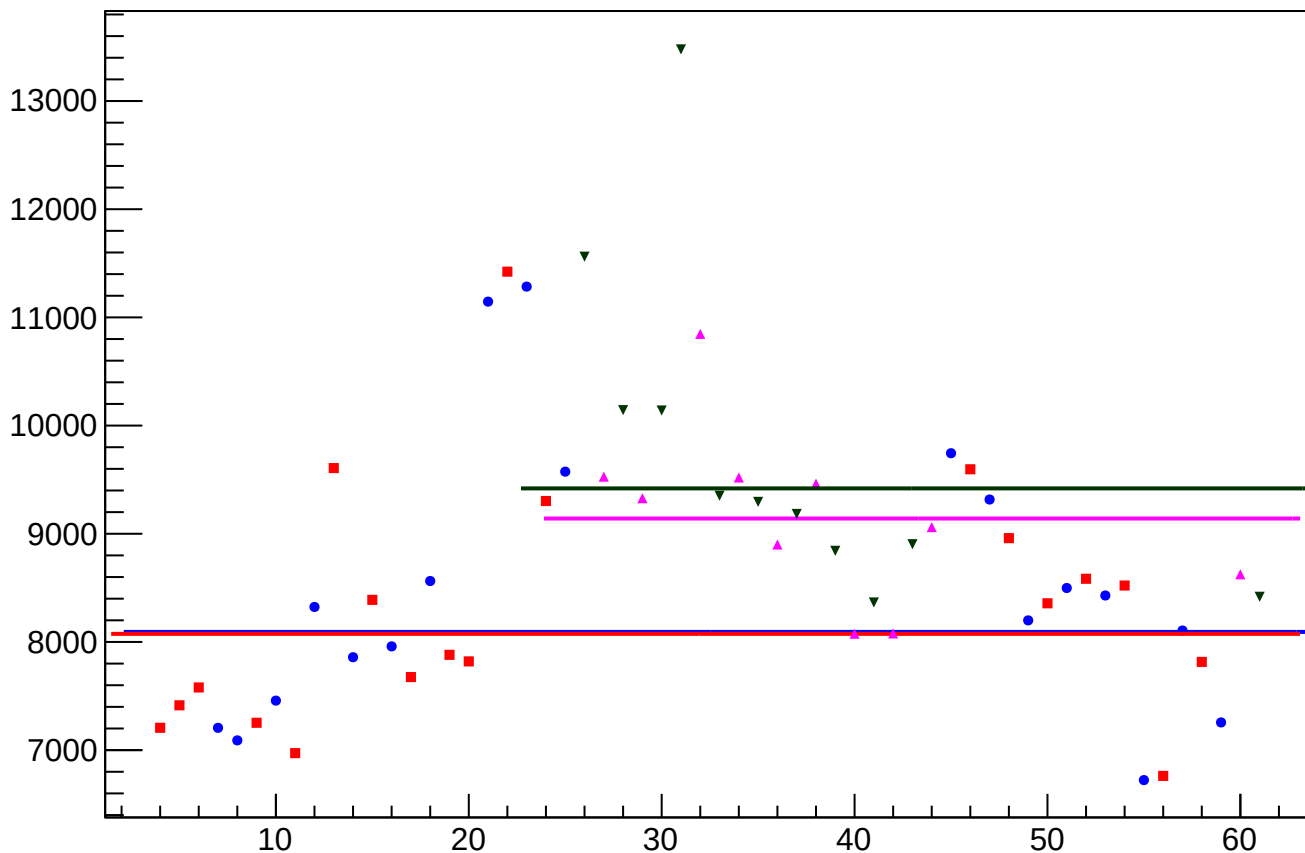
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

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

-0.774 ± 2.069 χ^2/NDF : 21.2/28

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

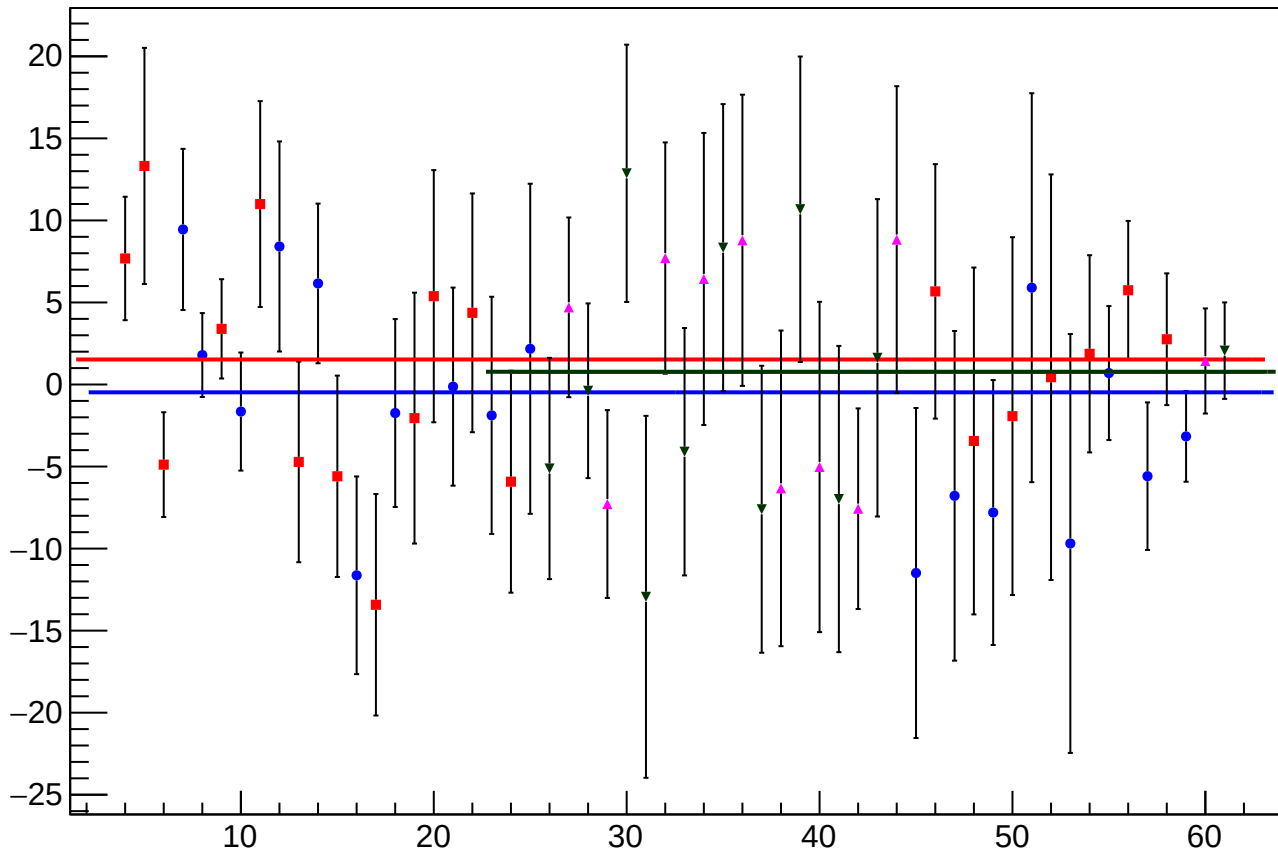
Right Out: 8074.654+/-1.820 χ^2/NDF : 312658.9/18

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

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

8421.720+/-1.495 χ^2/NDF : 513907.9/28

diff_bpm1Y_mean vs slug



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

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

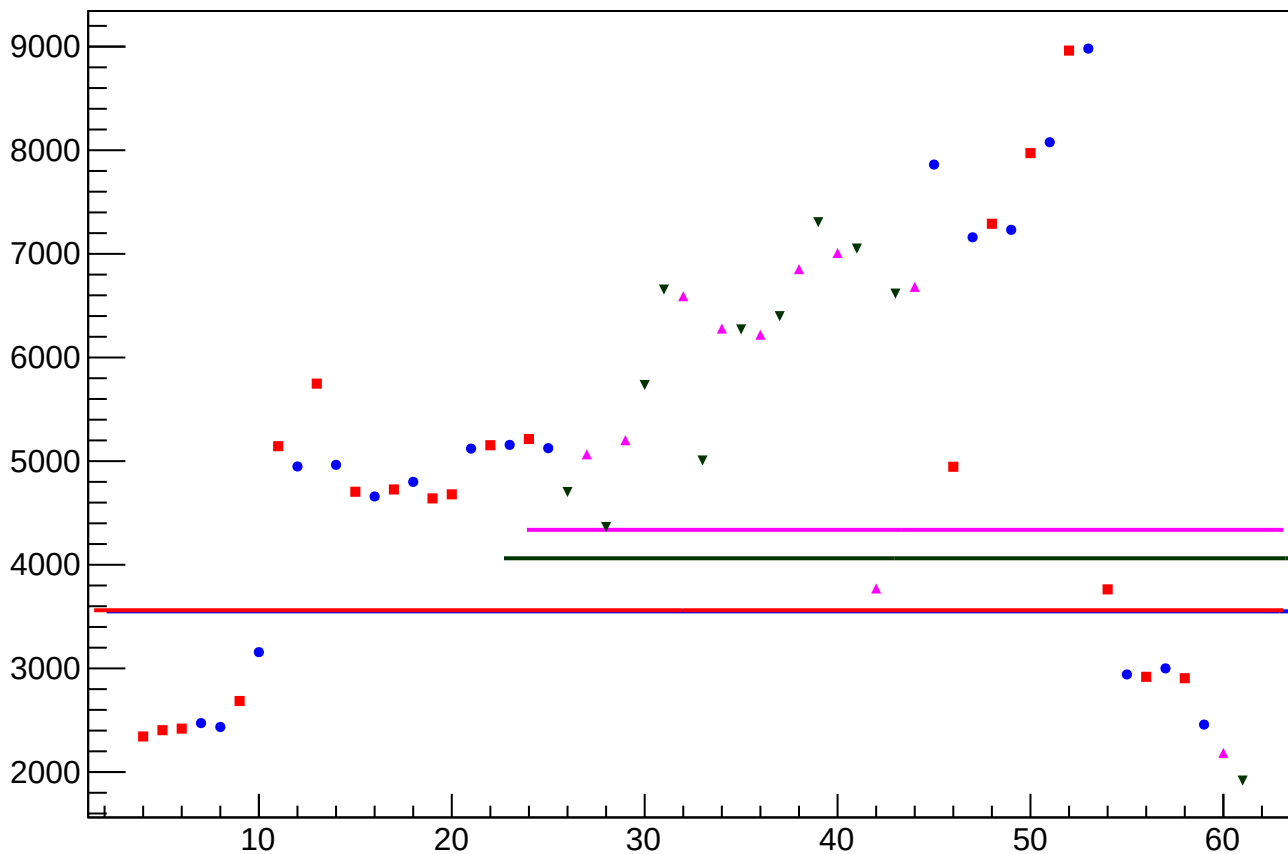
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: 0.763 ± 1.940 χ^2/NDF : 8.2/9

-0.137 ± 0.992 χ^2/NDF : 27.1/28

1.306 ± 1.040 χ^2/NDF : 31.2/28

diff_bpm1Y_rms vs slug



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

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

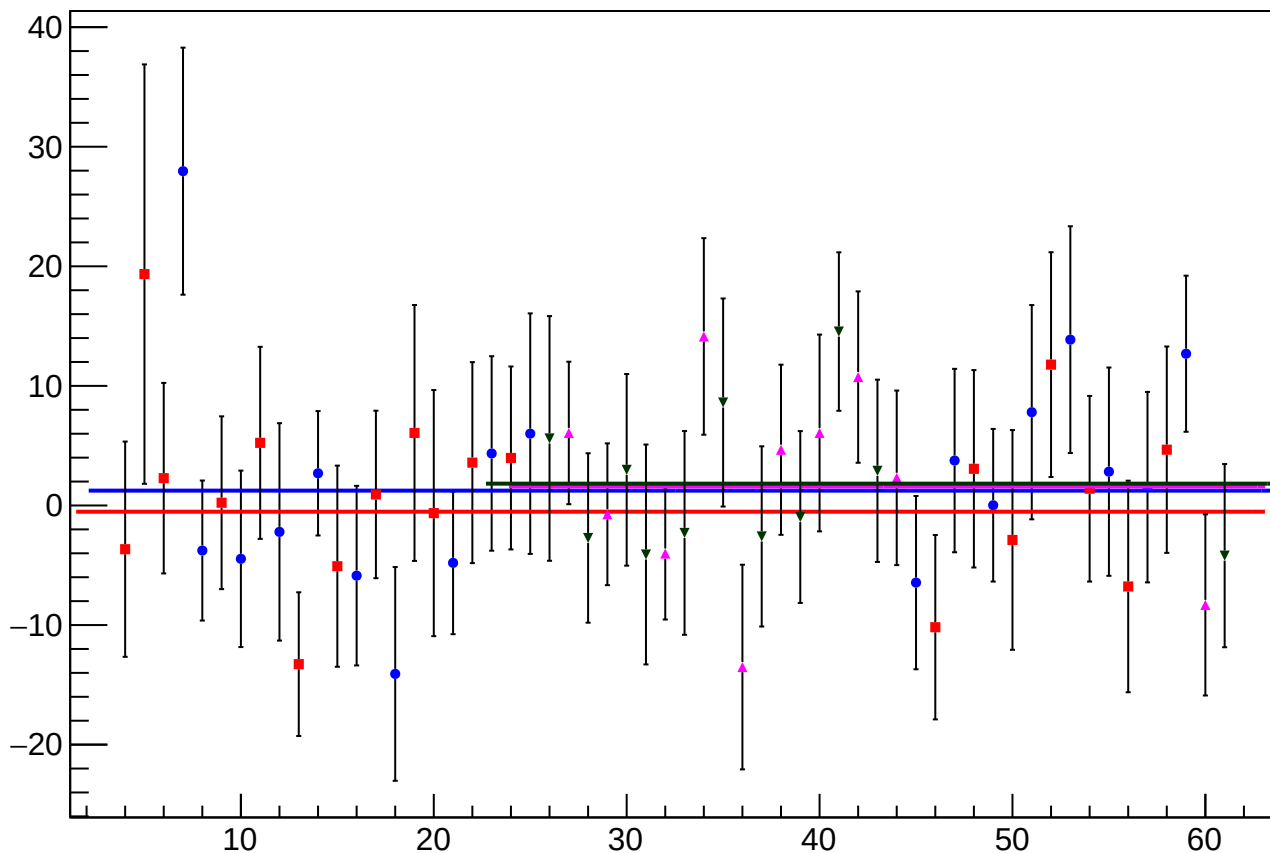
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 4337.153+/-1.372 χ^2/NDF : 1794520.7/9

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

3784.150+/-0.735 χ^2/NDF : 4640731.9/28

diff_bpm11X_mean vs slug



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

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

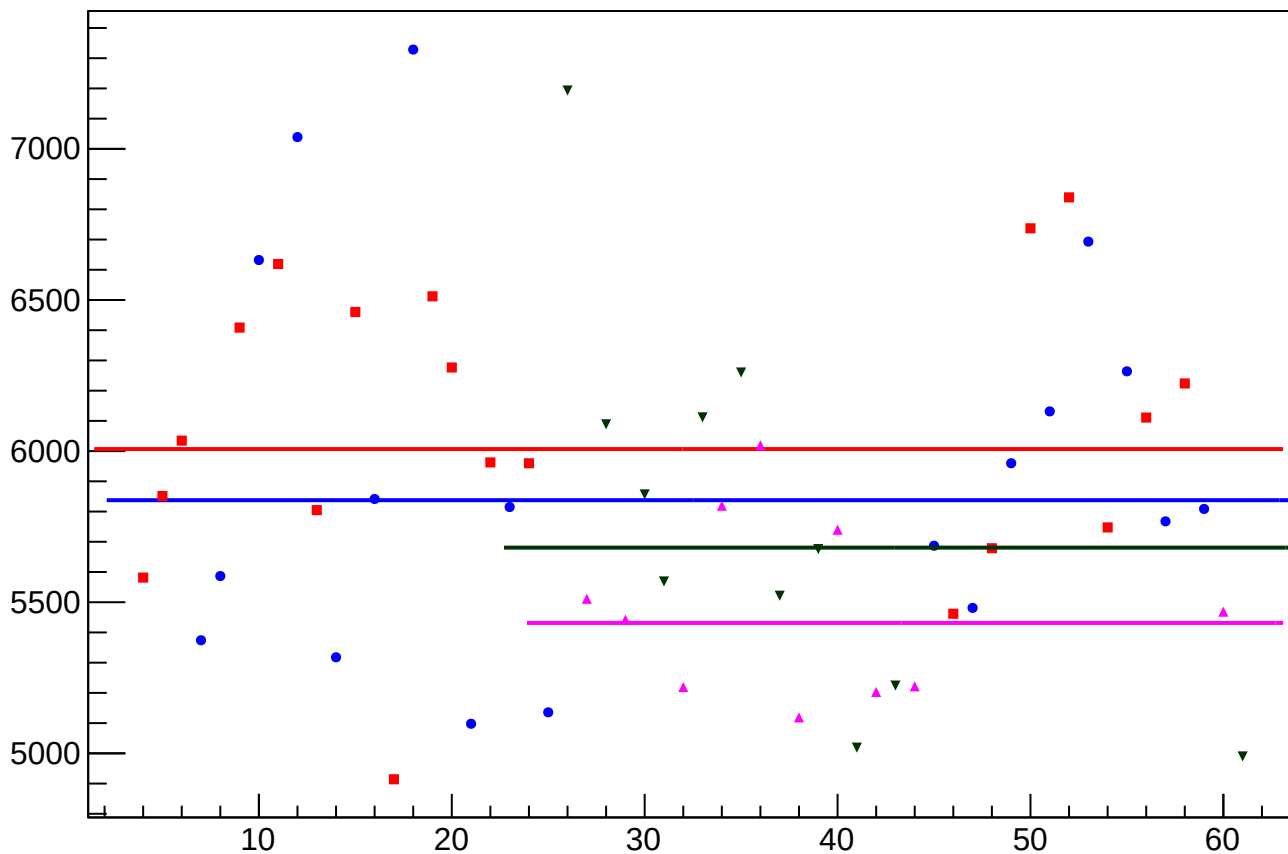
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: 1.595 ± 2.192 χ^2/NDF : 11.0/9

1.448 ± 1.409 χ^2/NDF : 26.8/28

0.390 ± 1.439 χ^2/NDF : 23.9/28

diff_bpm11X_rms vs slug



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

Left Out: 5680.650 $\pm$ 1.677 χ^2 /NDF:109870.9/10

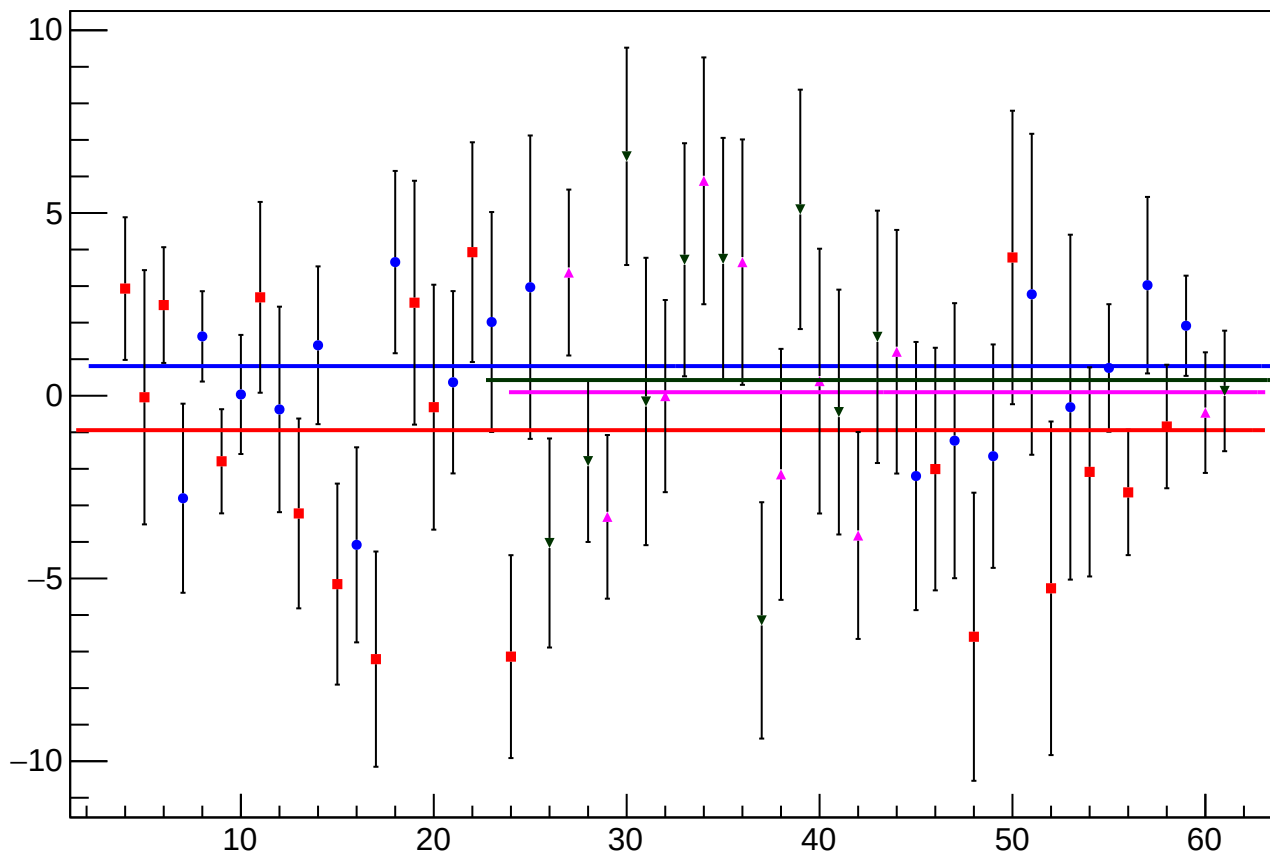
Right Out: 6006.736 $\pm$ 1.348 χ^2 /NDF: 130455.1/18

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

5782.182 $\pm$ 0.996 χ^2 /NDF: 326851.2/28

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: 0.429 ± 0.838 $\chi^2/\text{NDF}: 16.2/10$

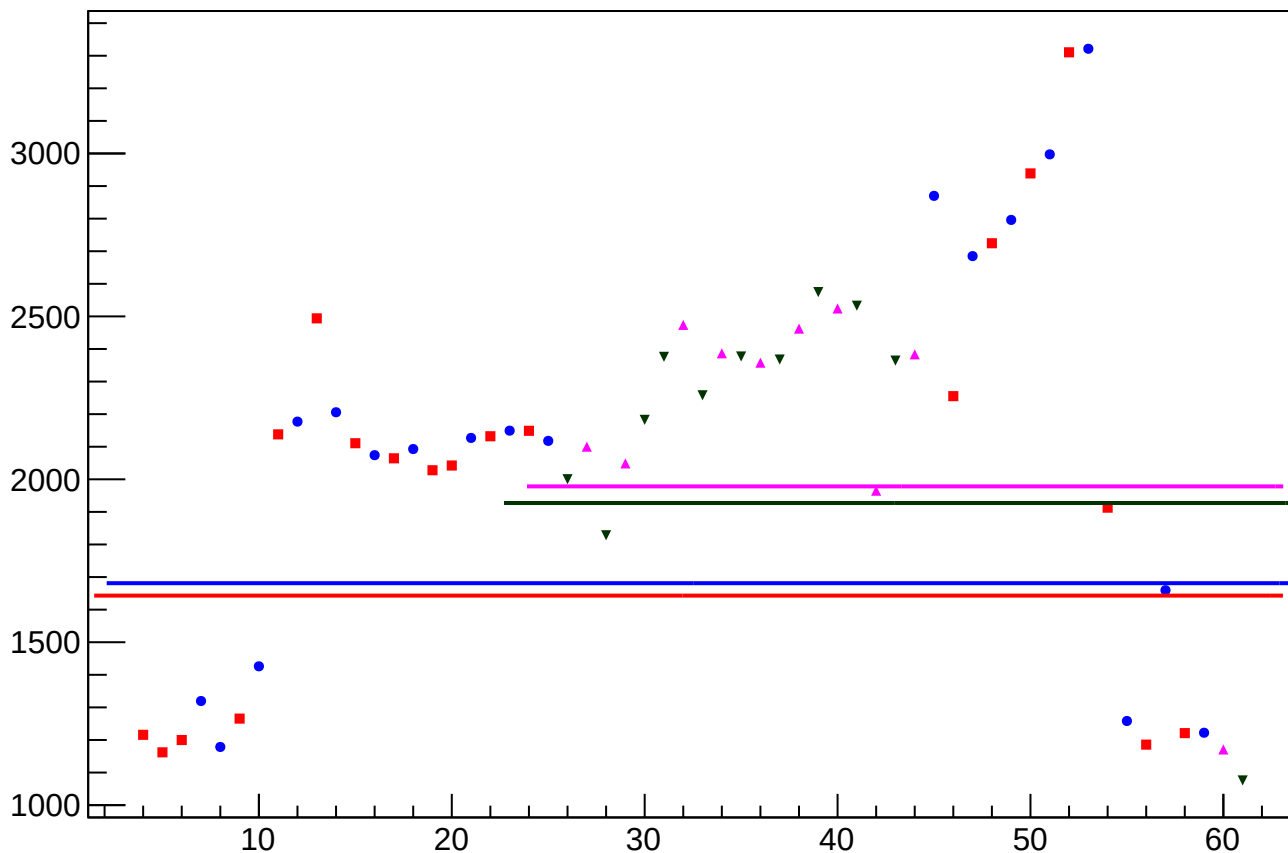
Right Out: -0.942 ± 0.553 $\chi^2/\text{NDF}: 32.9/18$

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

0.701 ± 0.449 $\chi^2/\text{NDF}: 27.6/28$

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

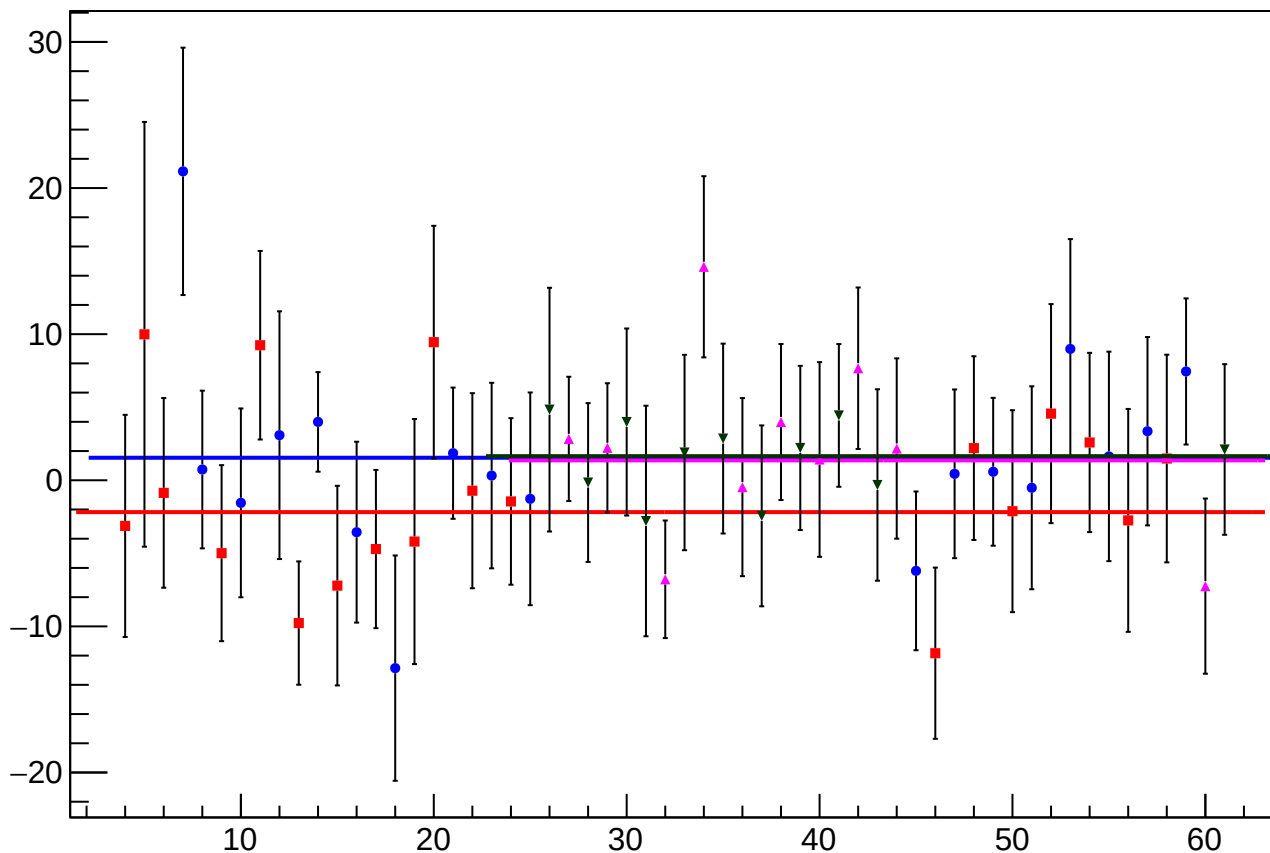
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

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

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

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

diff_bpm12X_mean vs slug



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

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

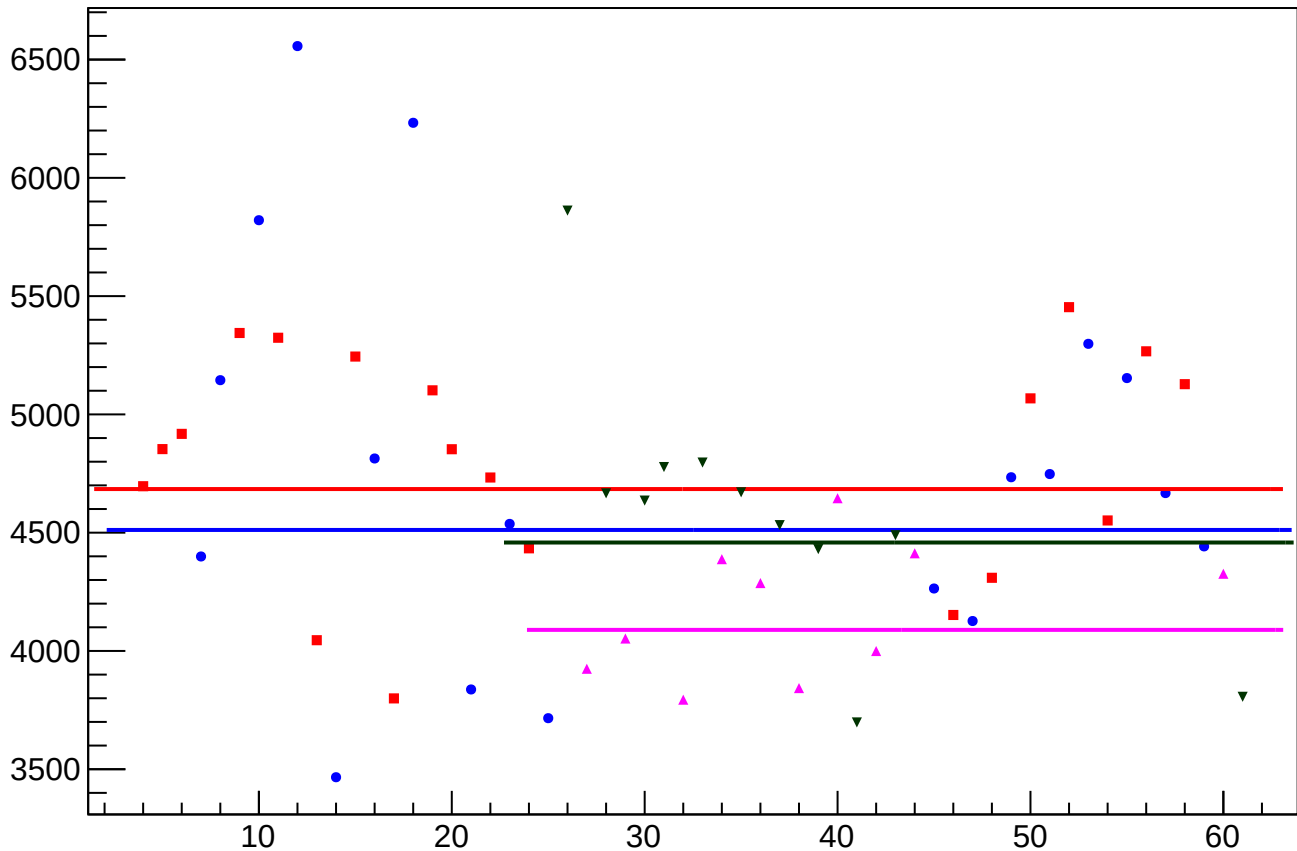
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: 1.361 ± 1.654 χ^2/NDF : 12.5/9

1.580 ± 1.104 χ^2/NDF : 16.8/28

-0.590 ± 1.108 χ^2/NDF : 30.3/28

diff_bpm12X_rms vs slug



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

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

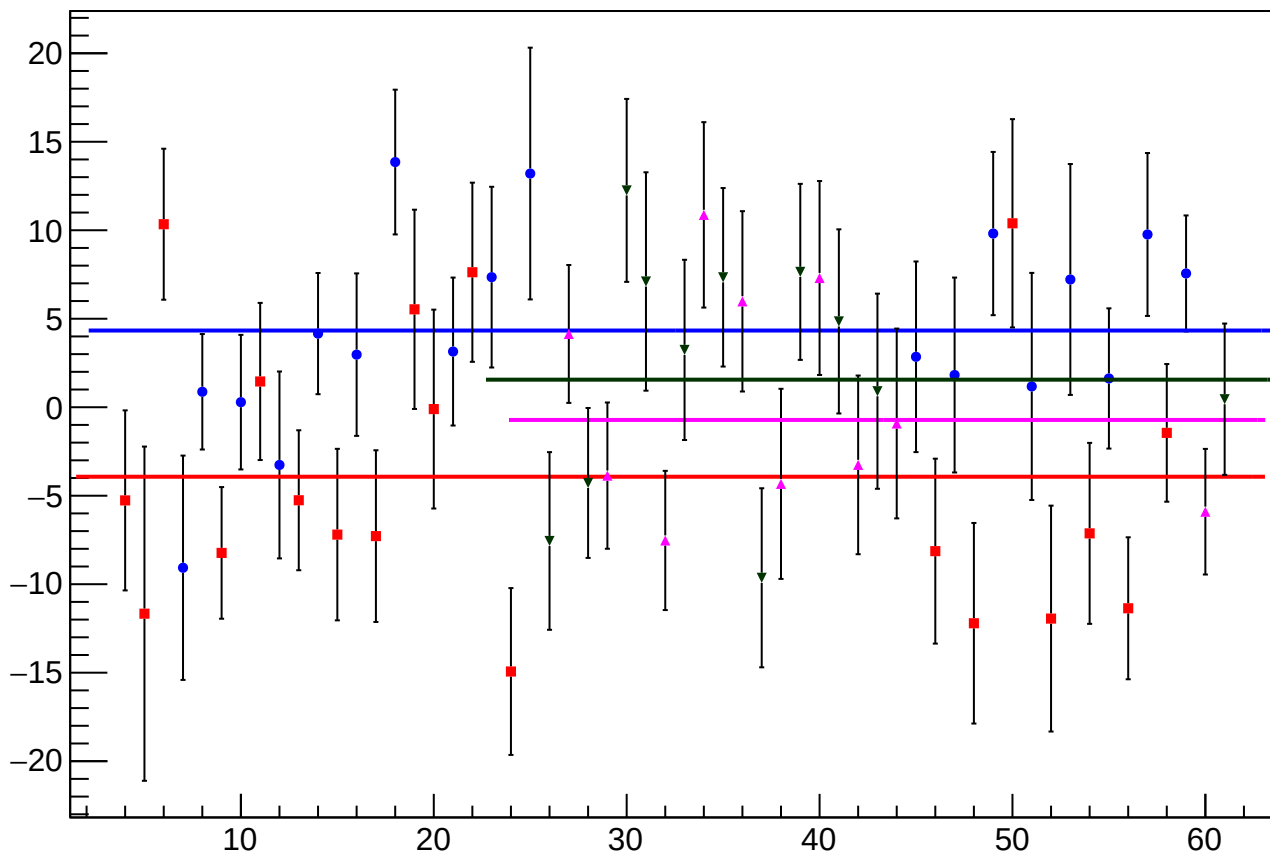
4492.908+/-0.781 χ^2/NDF : 793478.4/28

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

4417.185+/-0.783 χ^2/NDF : 431060.8/28

Left In: 4089.086+/-1.169 χ^2/NDF :48001.0/9

diff_bpm12Y_mean vs slug



Right In: 4.334 ± 1.055 $\chi^2/\text{NDF}: 21.3/17$

Left Out: 1.557 ± 1.506 $\chi^2/\text{NDF}: 18.6/10$

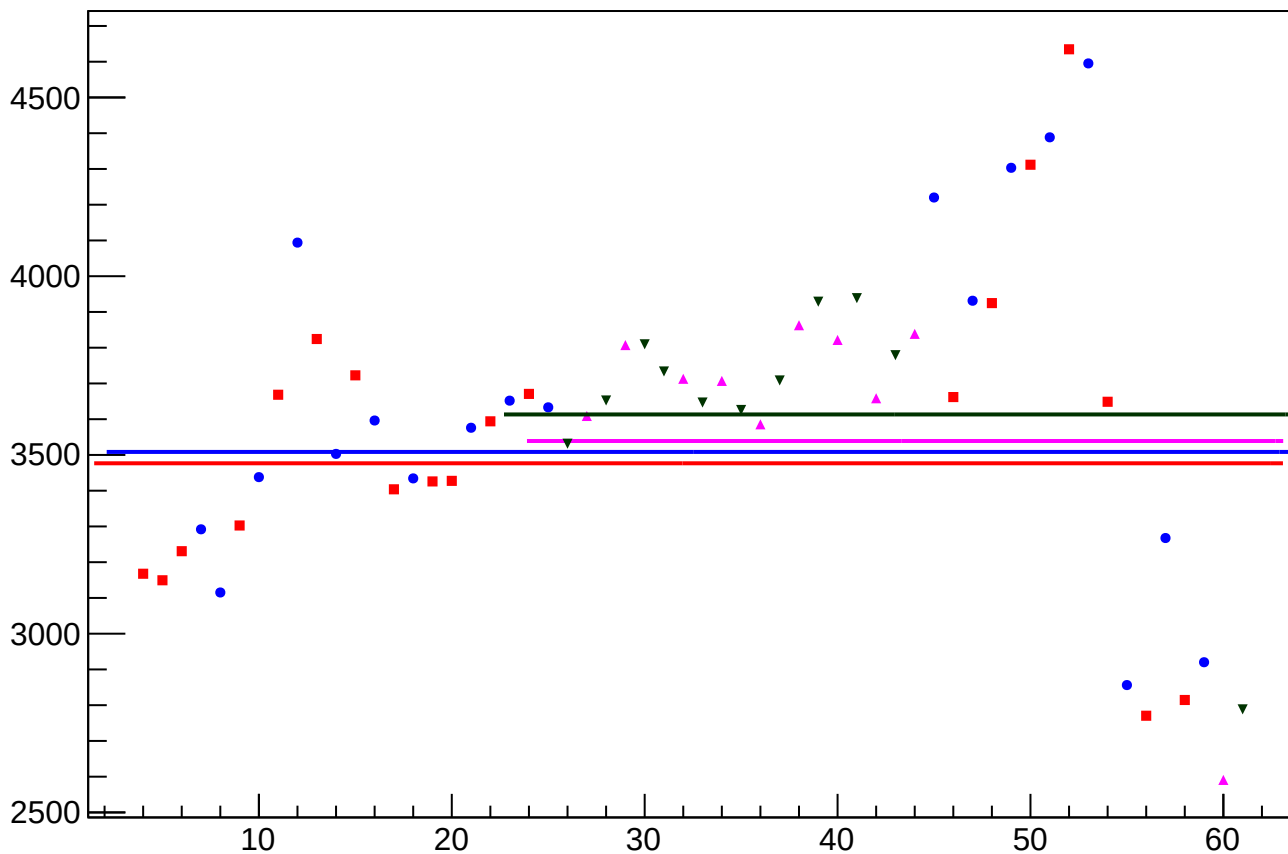
Right Out: -3.927 ± 1.110 $\chi^2/\text{NDF}: 44.2/18$

Left In: -0.719 ± 1.435 $\chi^2/\text{NDF}: 16.7/9$

3.419 ± 0.864 $\chi^2/\text{NDF}: 42.1/28$

-2.726 ± 0.878 $\chi^2/\text{NDF}: 64.1/28$

diff_bpm12Y_rms vs slug



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

Left Out: 3613.292 $\pm$ 1.065 χ^2 /NDF:97320.2/10

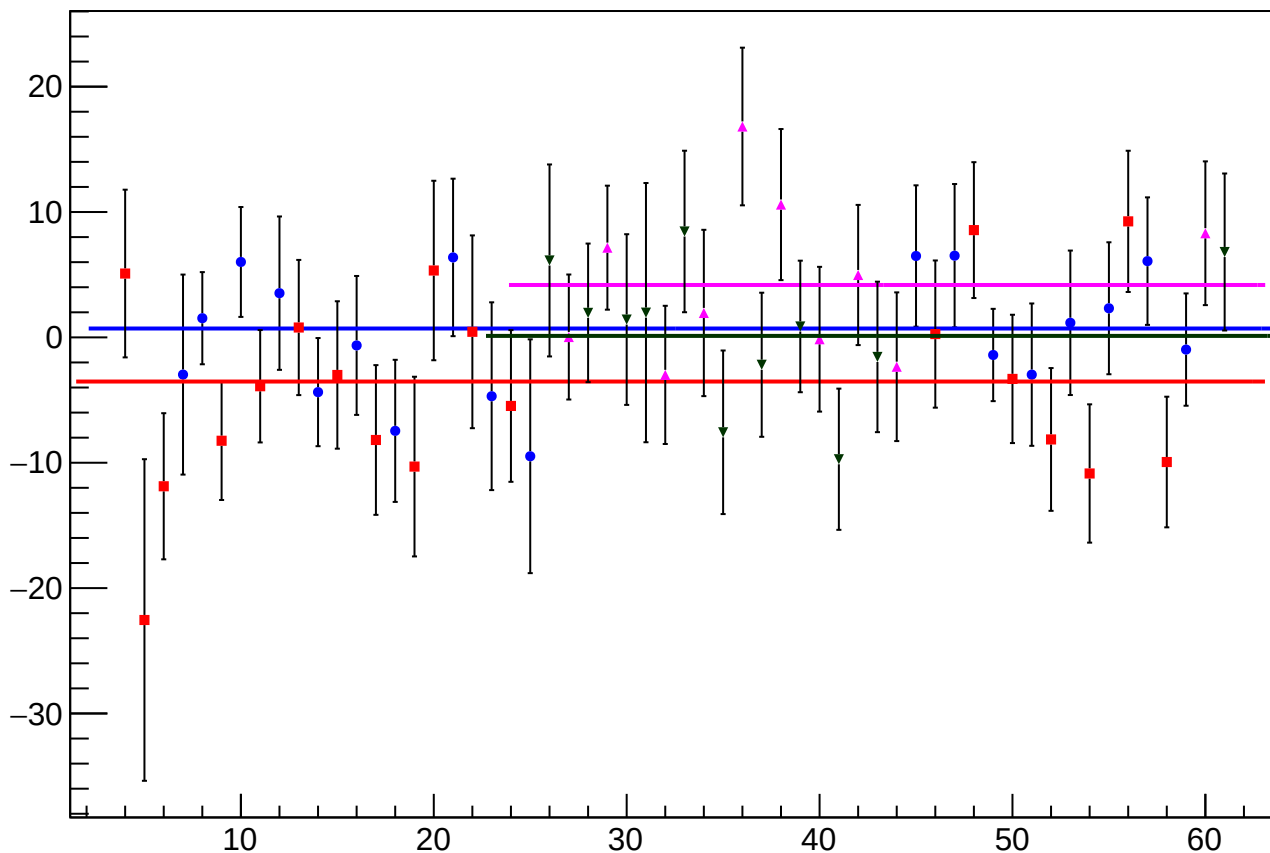
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

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

3542.982 $\pm$ 0.611 χ^2 /NDF: 487958.9/28

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

diff_bpm16X_mean vs slug



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

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

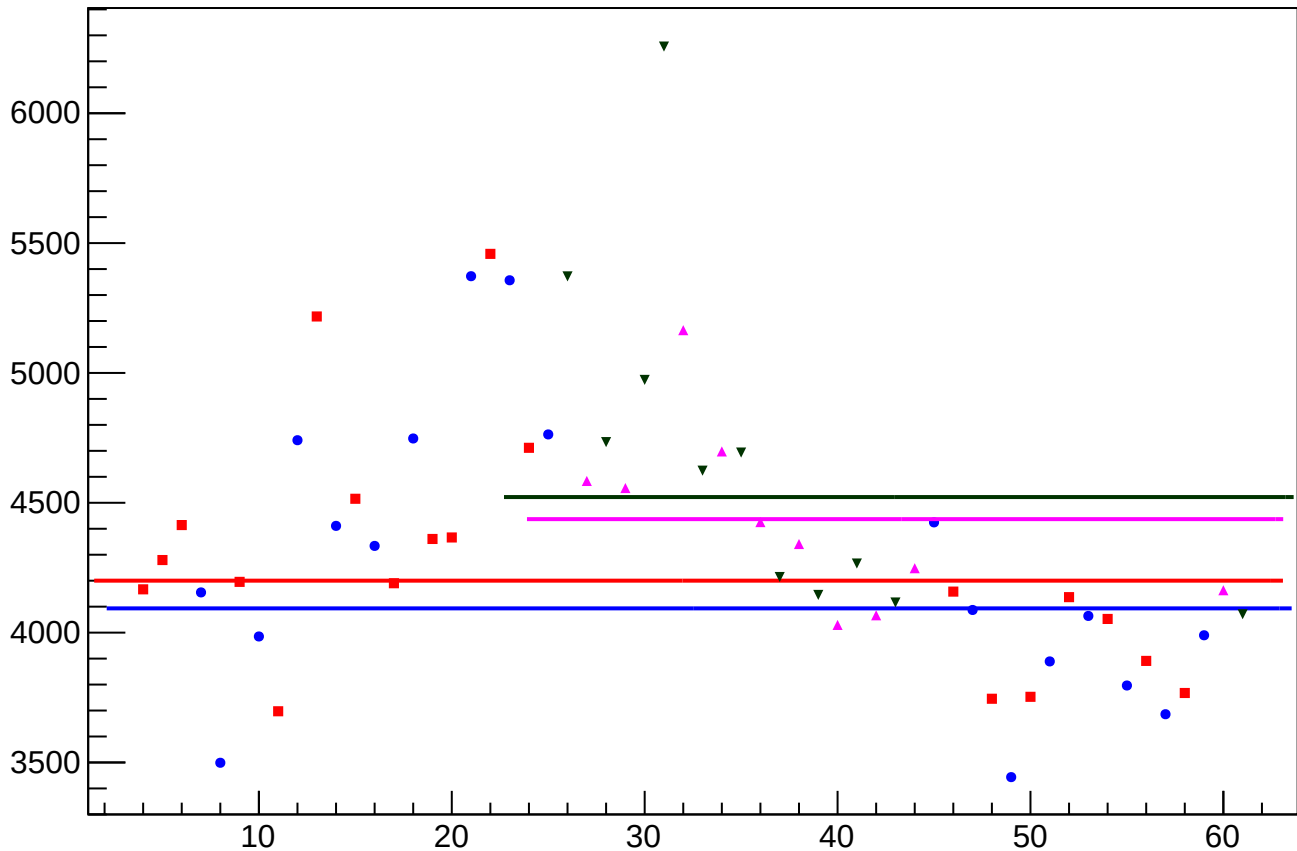
Right Out: -3.522 ± 1.336 χ^2/NDF : 25.4/18

Left In: 4.180 ± 1.795 χ^2/NDF : 10.3/9

0.533 ± 1.030 χ^2/NDF : 20.6/28

-0.776 ± 1.072 χ^2/NDF : 47.6/28

diff_bpm16X_rms vs slug



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

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

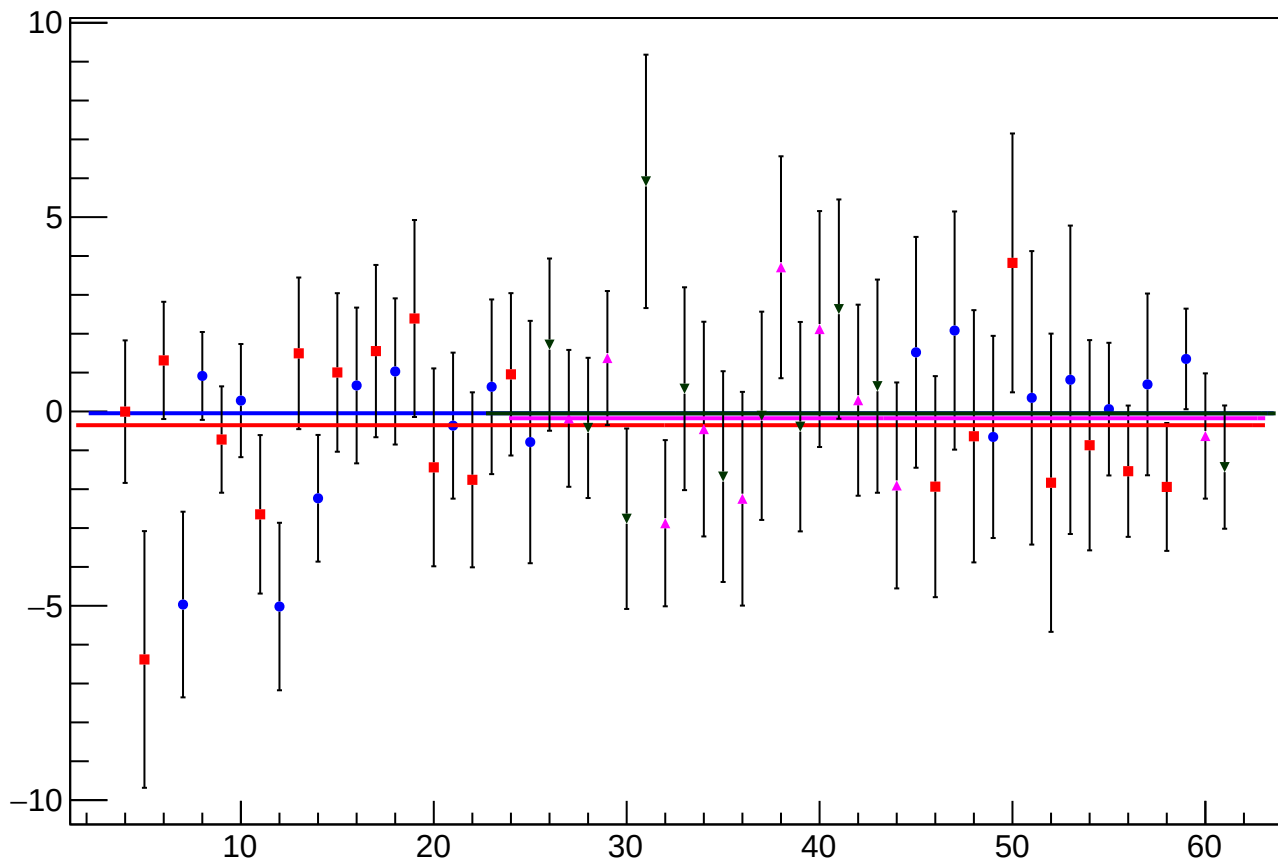
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

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

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

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: -0.049 ± 0.706 χ^2/NDF : 7.6/10

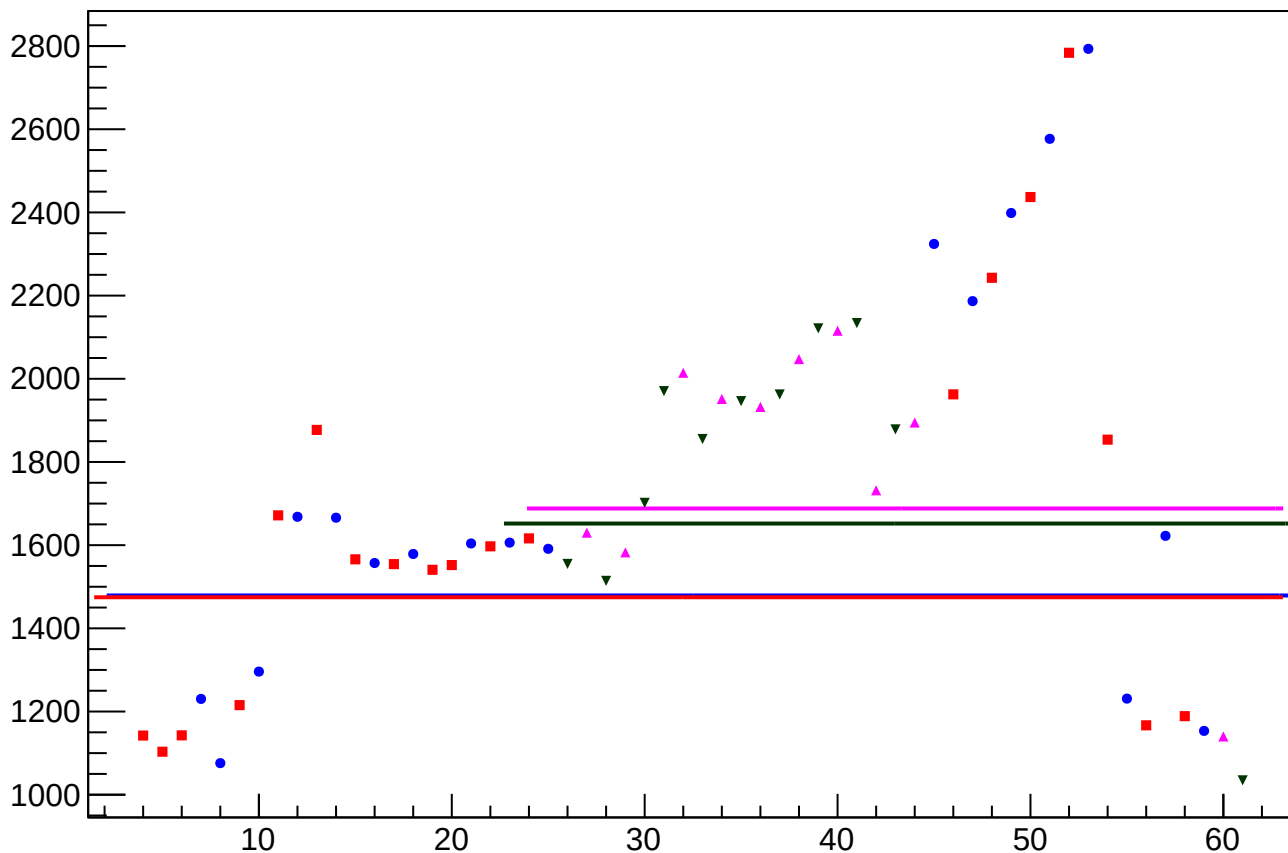
Right Out: -0.354 ± 0.483 χ^2/NDF : 13.6/18

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

-0.047 ± 0.384 χ^2/NDF : 22.5/28

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

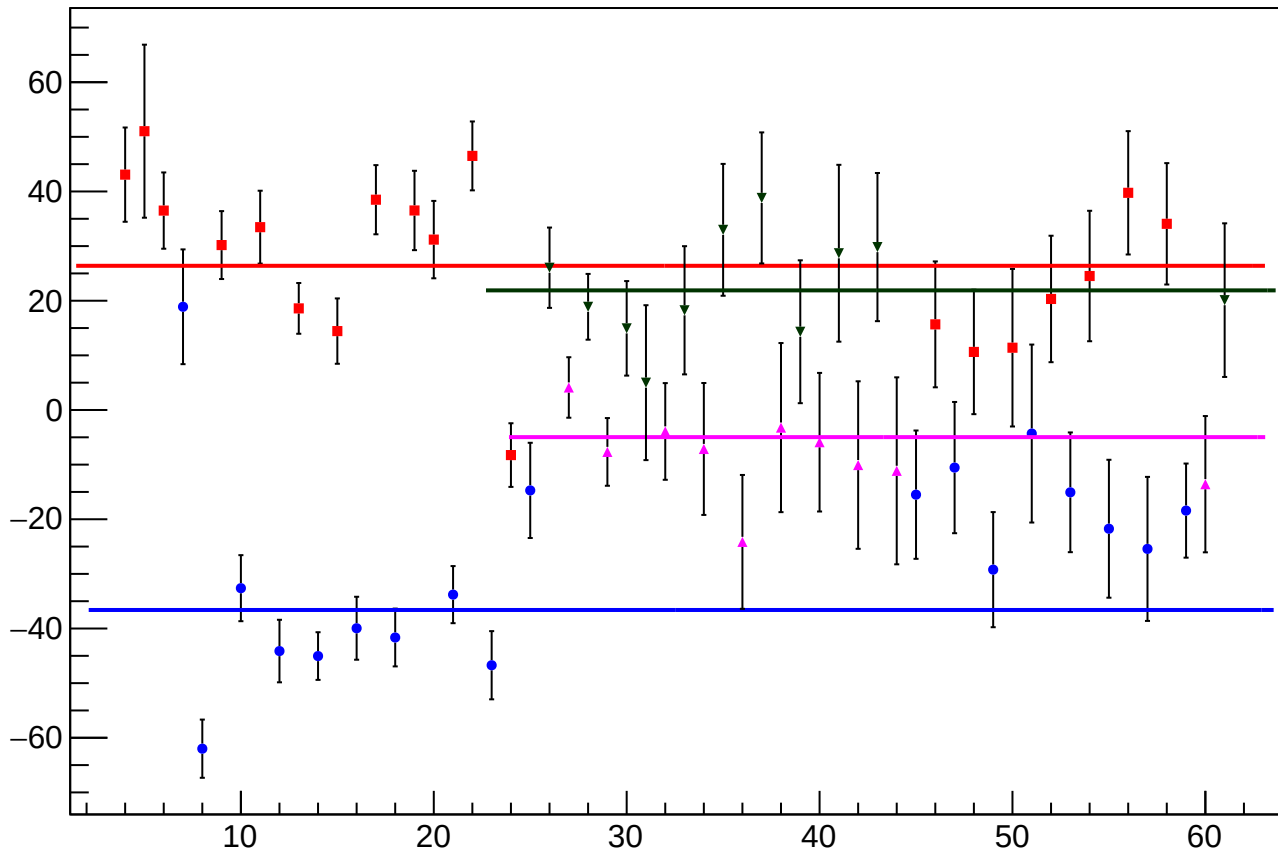
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

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

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

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: 21.894 $\pm$ 3.076 χ^2 /NDF: 6.4/10

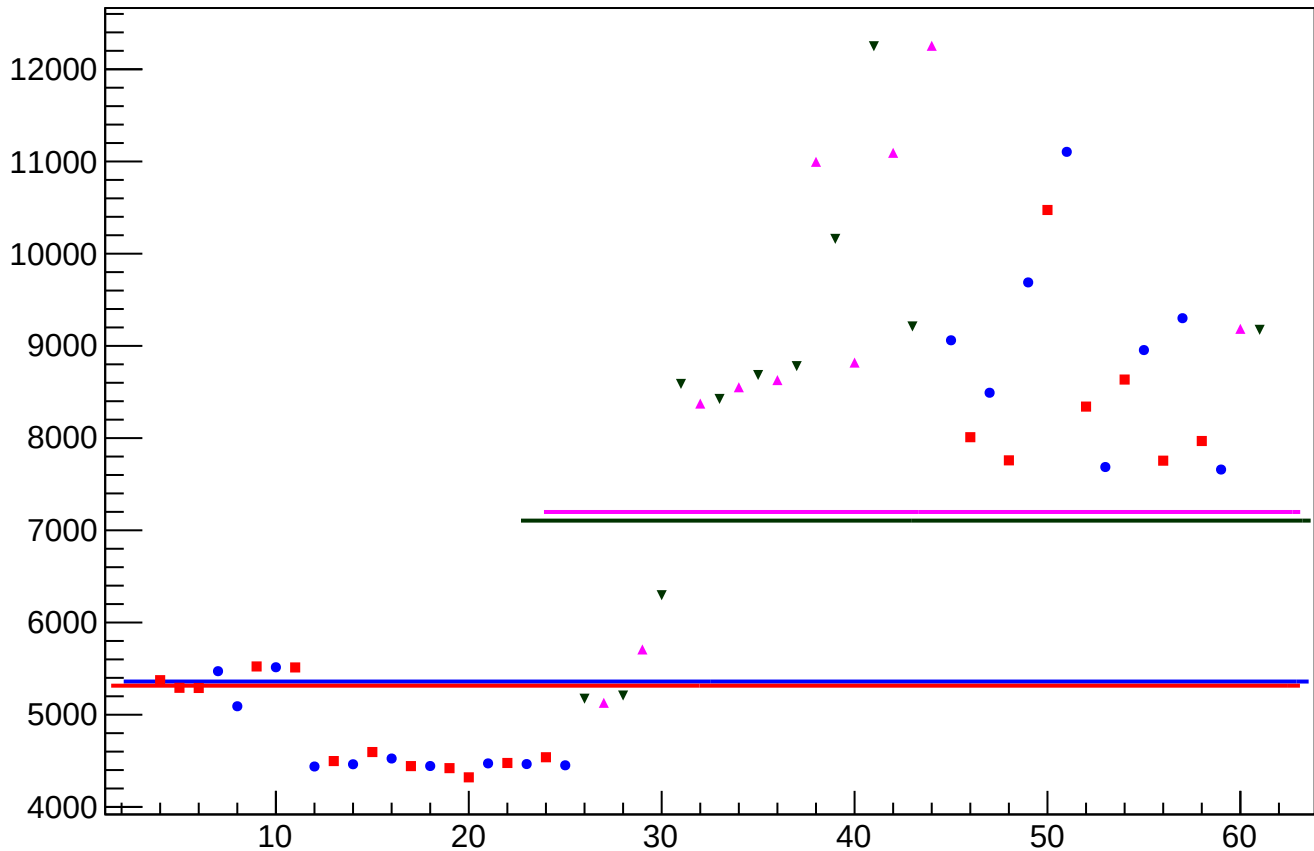
Right Out: 26.394 $\pm$ 1.742 χ^2 /NDF: 74.2/18

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

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

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

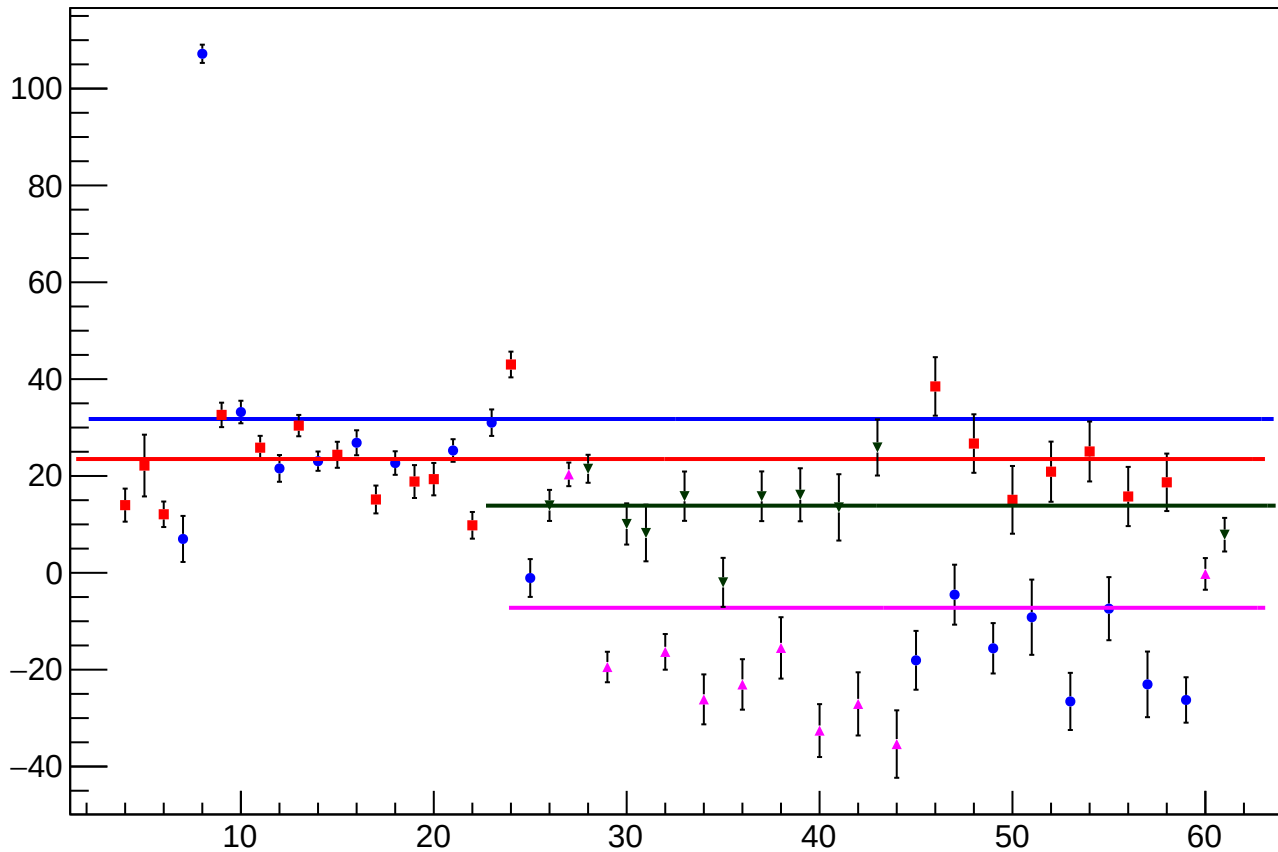
5758.655+/-1.040 χ^2/NDF : 3233778.4/28

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

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 $\pm$ 0.741 χ^2 /NDF: 2323.1/17

Left Out: 13.872 $\pm$ 1.308 χ^2 /NDF: 26.2/10

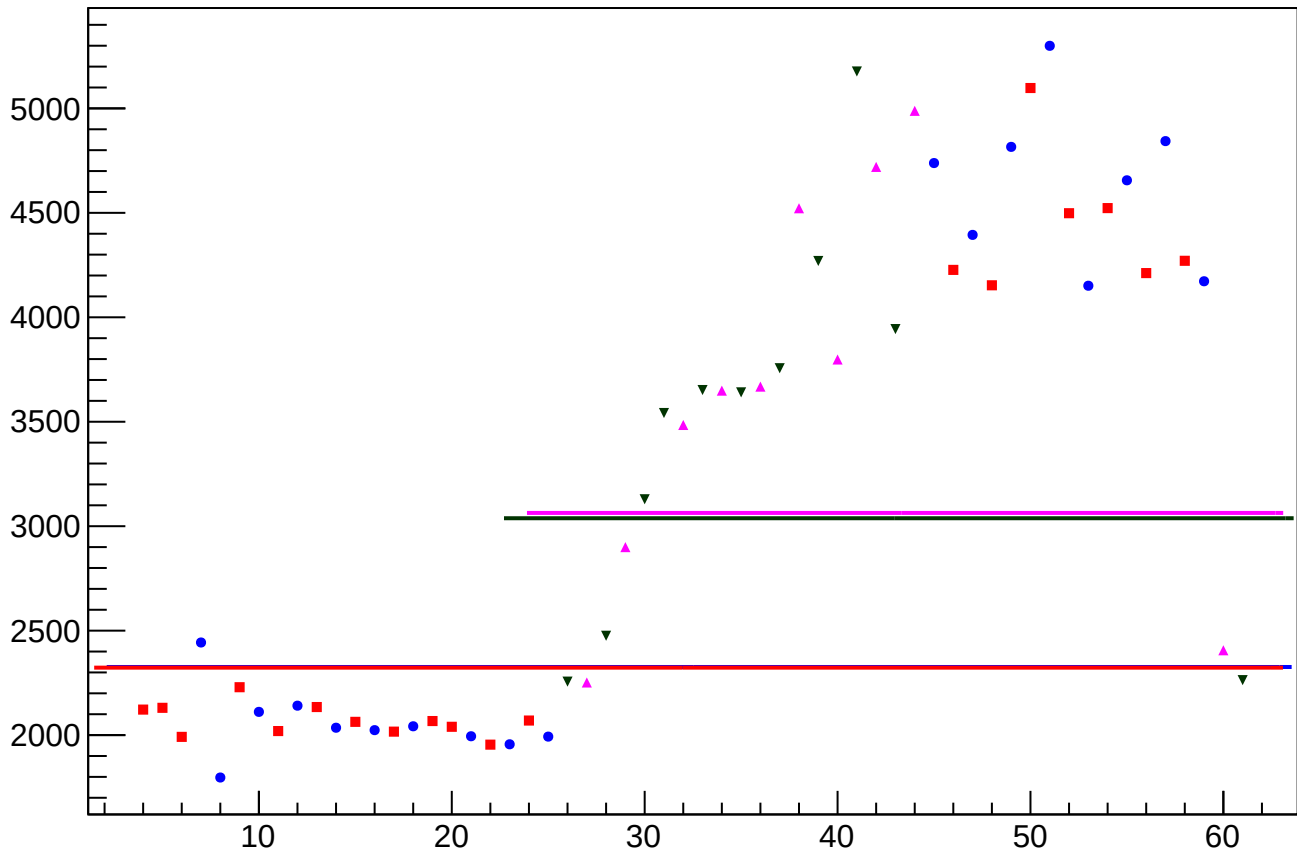
Right Out: 23.500 $\pm$ 0.773 χ^2 /NDF: 151.3/18

Left In: -7.222 $\pm$ 1.277 χ^2 /NDF: 225.2/9

27.421 $\pm$ 0.645 χ^2 /NDF: 2491.0/28

15.264 $\pm$ 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: 3038.103+/-0.925 χ^2/NDF : 751732.6/10

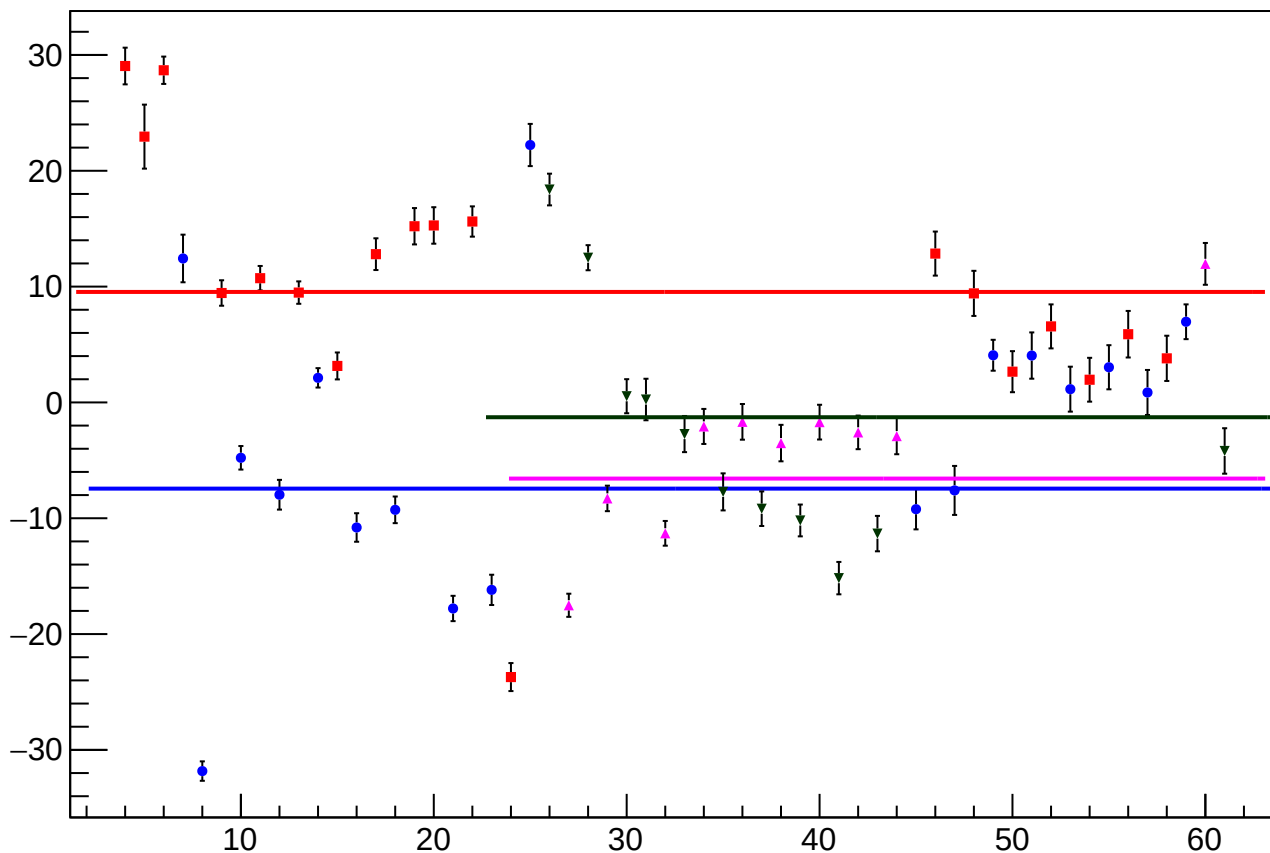
2499.001+/-0.456 χ^2/NDF : 3896956.9/28

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

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

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

diff_bpm2i01X_mean vs slug



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

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

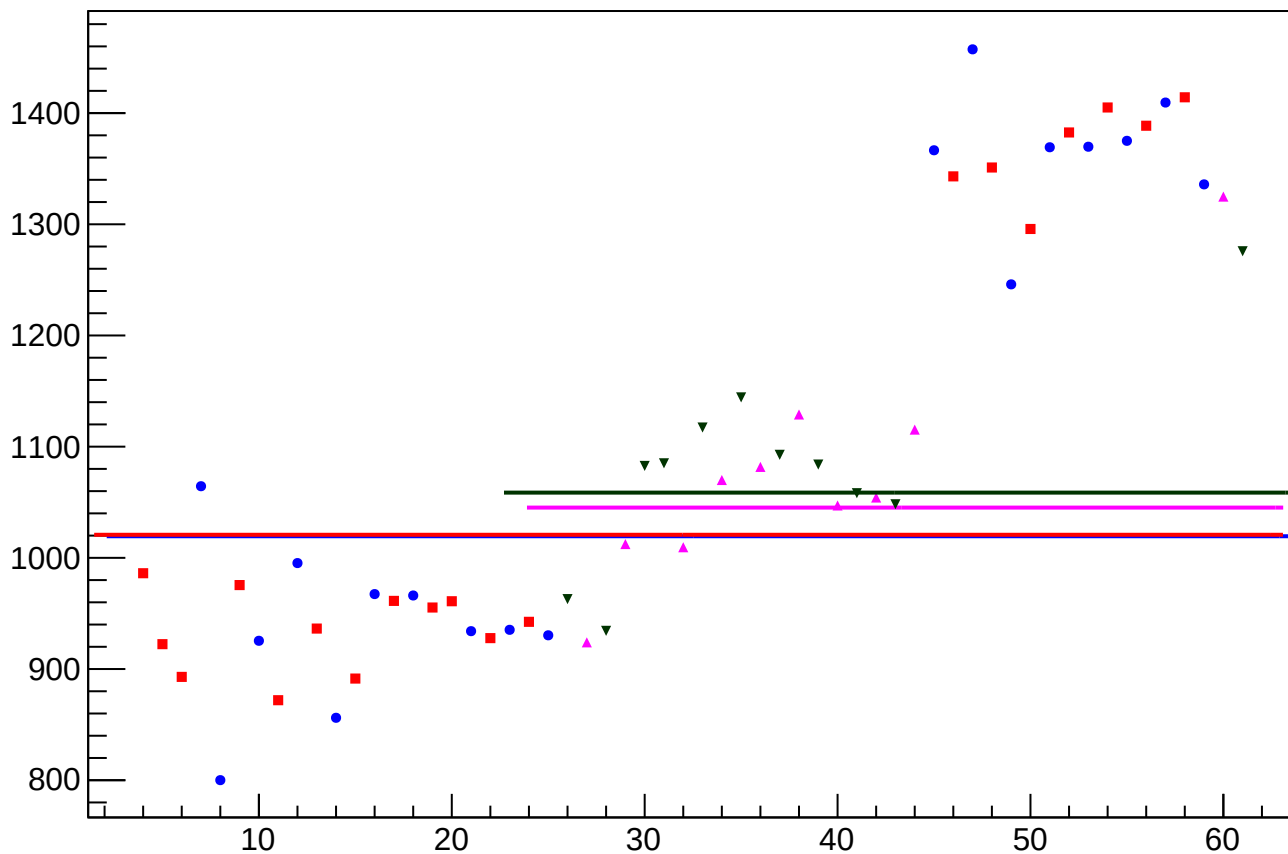
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -6.575 ± 0.423 χ^2/NDF : 293.6/9

-5.405 ± 0.254 χ^2/NDF : 2486.0/28

3.490 ± 0.259 χ^2/NDF : 2529.7/28

diff_bpm2i01X_rms vs slug



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

Left Out: 1058.670 $\pm$ 0.312 χ^2 /NDF: 71908.3/10

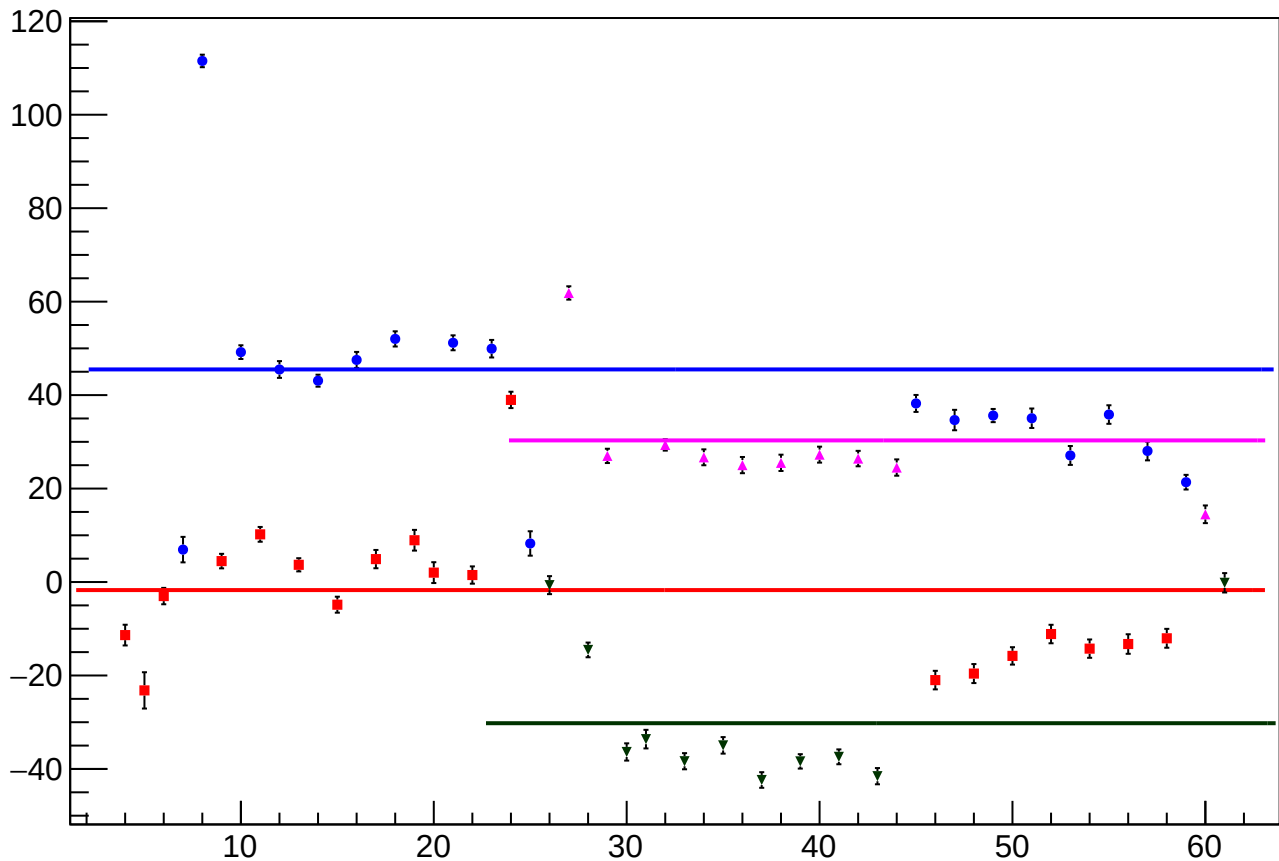
Right Out: 1020.749 $\pm$ 0.232 χ^2 /NDF: 605072.5/18

Left In: 1045.194 $\pm$ 0.299 χ^2 /NDF: 92848.7/9

1032.393 $\pm$ 0.179 χ^2 /NDF: 935383.8/28

1029.926 $\pm$ 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: -30.212 $\pm$ 0.526 χ^2 /NDF:731.9/10

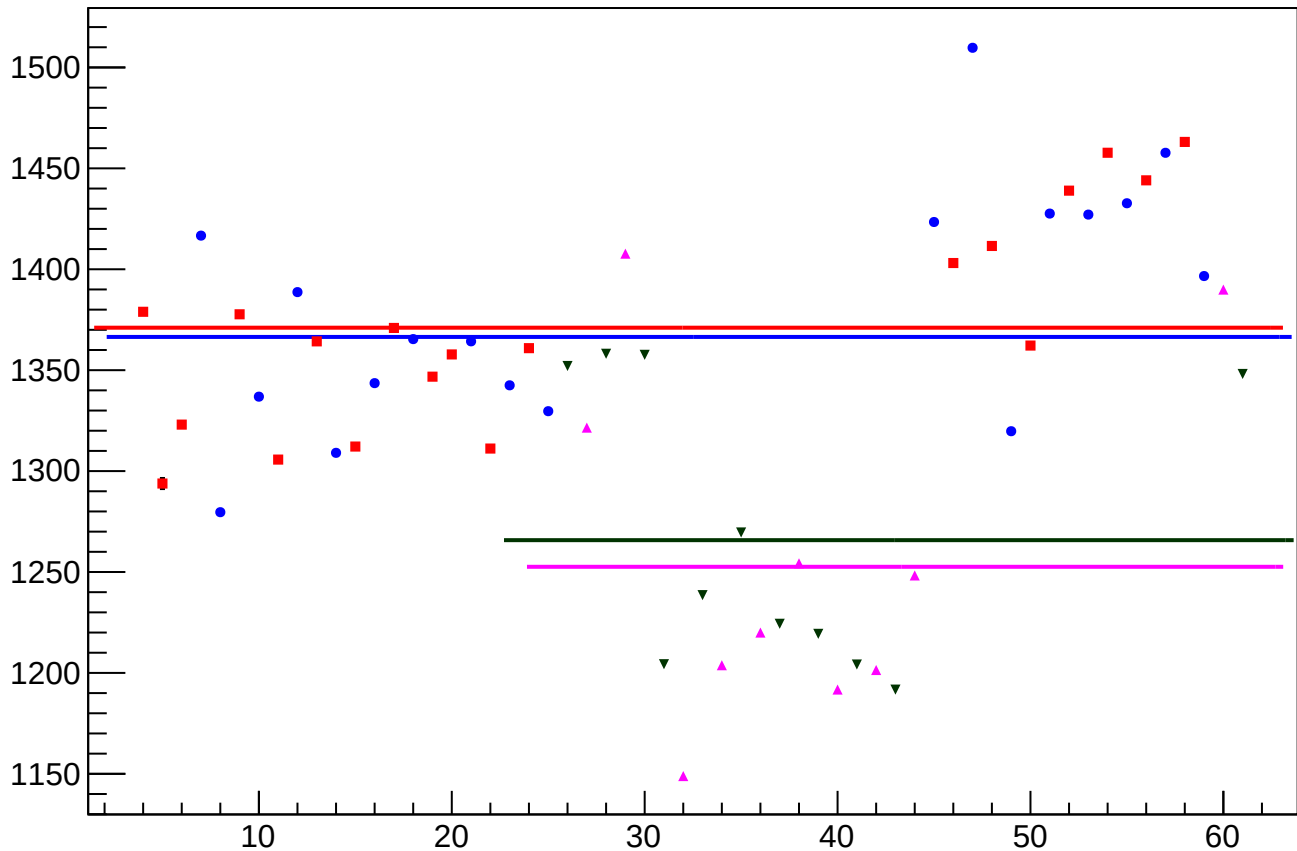
Right Out: -1.724 $\pm$ 0.434 χ^2 /NDF: 1071.7/18

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

17.079 $\pm$ 0.322 χ^2 /NDF: 17061.6/28

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

diff_bpm2i01Y_rms vs slug



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

Left Out: 1265.776 $\pm$ 0.372 χ^2 /NDF: 31092.5/10

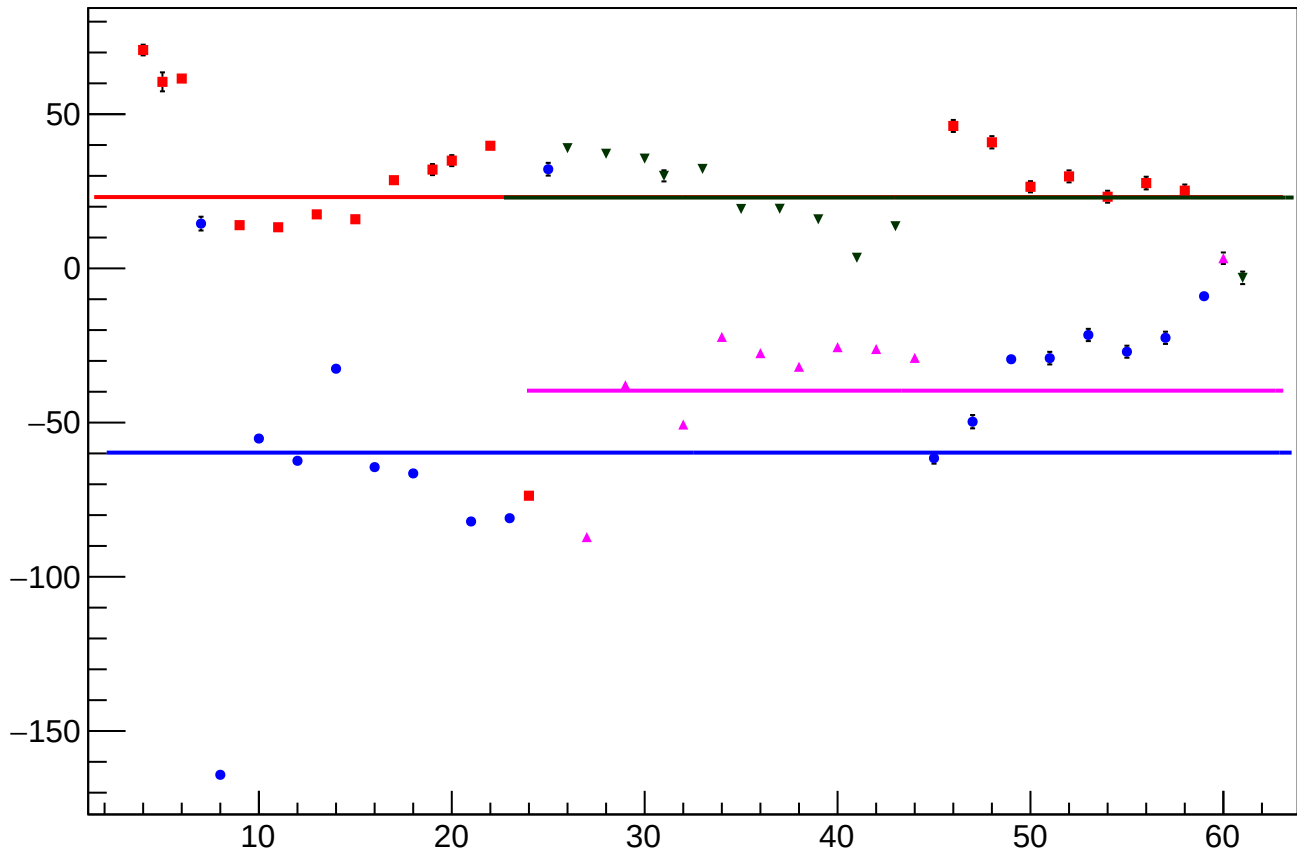
Right Out: 1371.055 $\pm$ 0.307 χ^2 /NDF: 24860.5/18

Left In: 1252.580 $\pm$ 0.357 χ^2 /NDF: 57177.3/9

1328.677 $\pm$ 0.228 χ^2 /NDF: 115466.5/28

1320.754 $\pm$ 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: 22.975 $\pm$ 0.461 χ^2 /NDF: 782.7/10

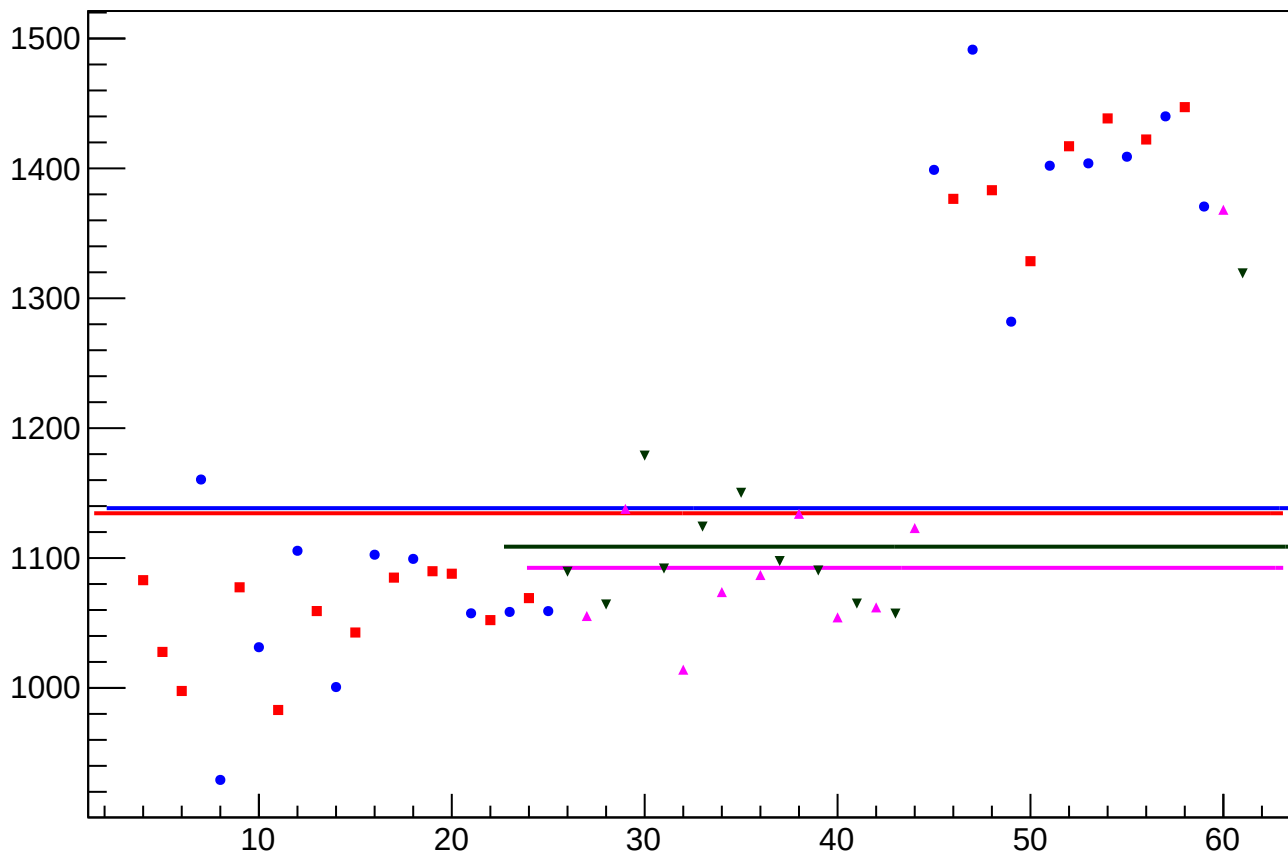
Right Out: 23.126 $\pm$ 0.362 χ^2 /NDF: 7355.2/18

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

-30.263 $\pm$ 0.275 χ^2 /NDF: 40248.9/28

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

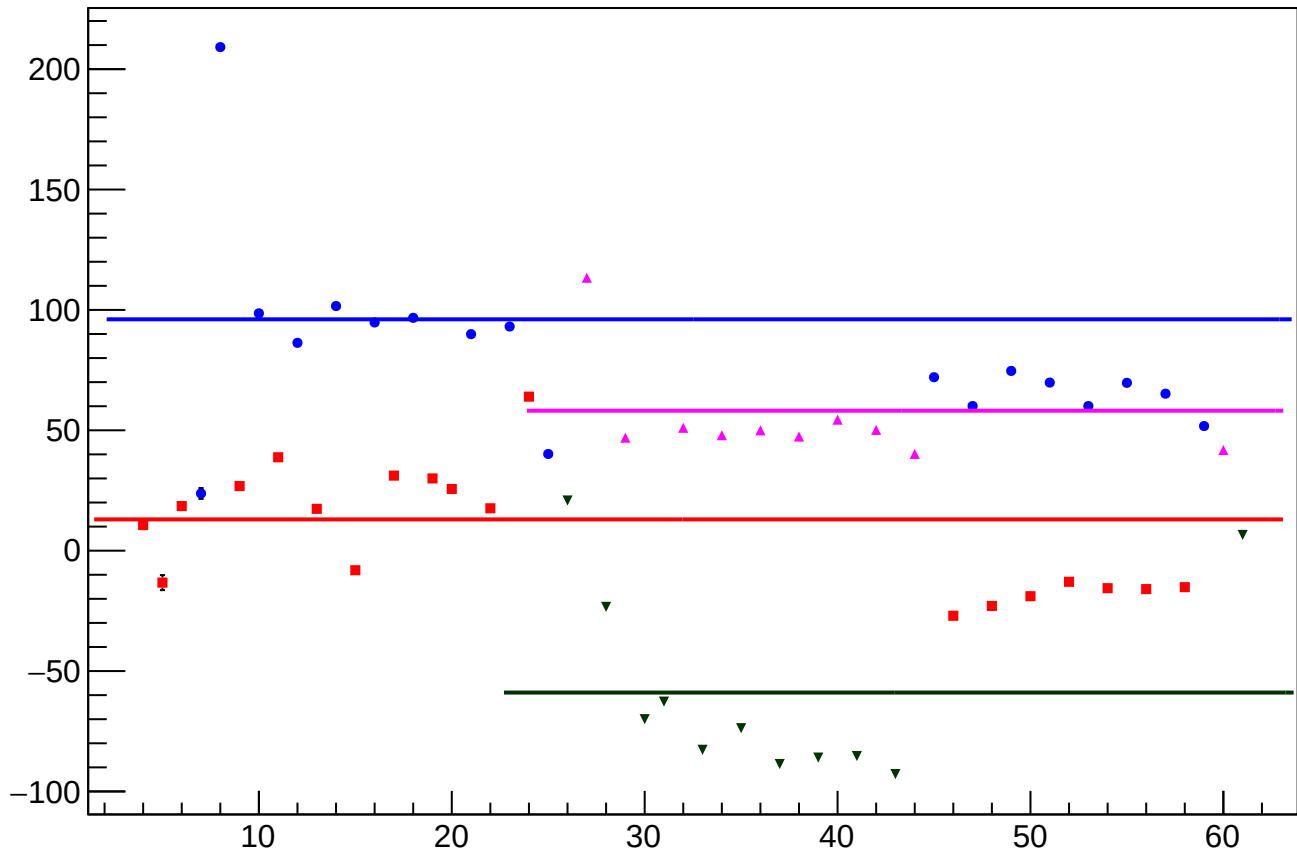
Right Out: 1134.479 $\pm$ 0.256 χ^2 /NDF: 360721.2/18

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

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

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

diff_bpm2i02Y_mean vs slug



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

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

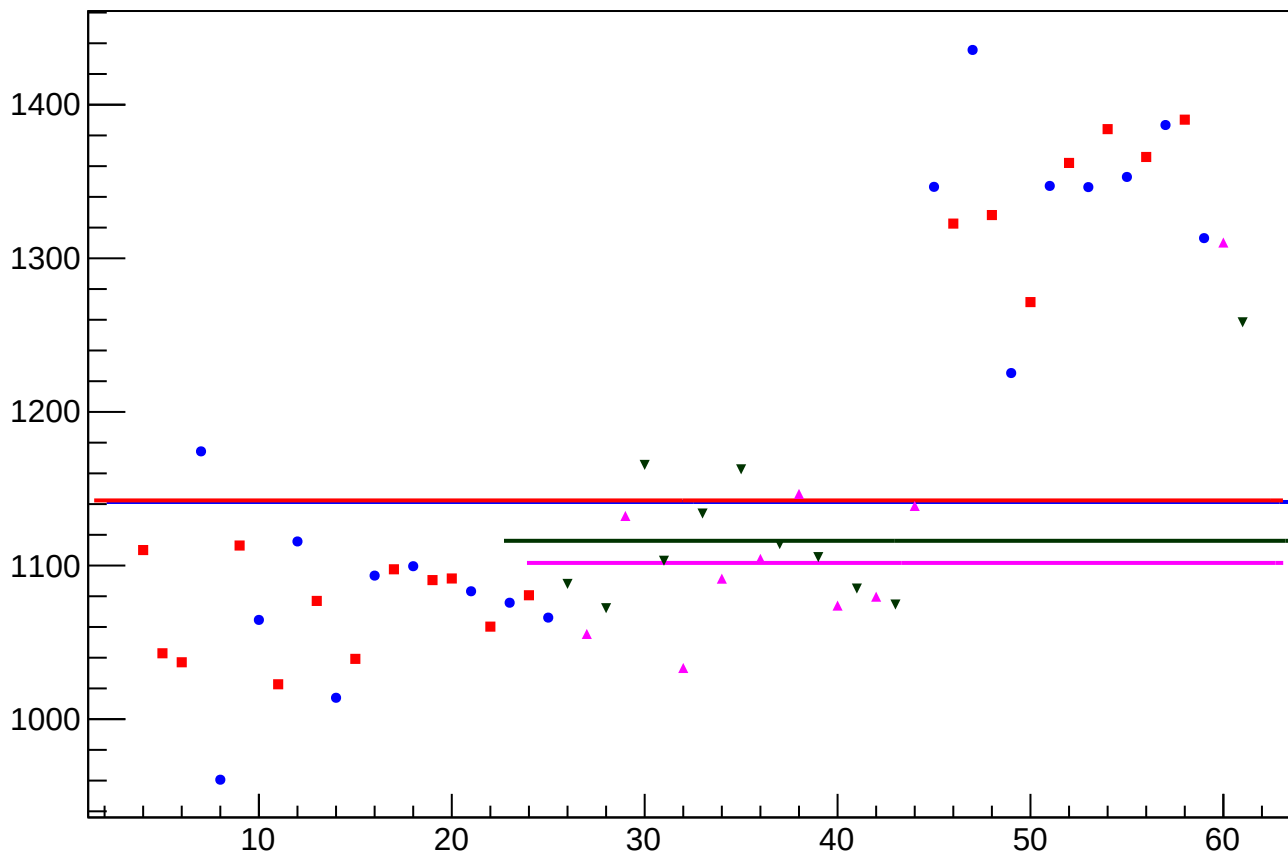
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

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

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

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

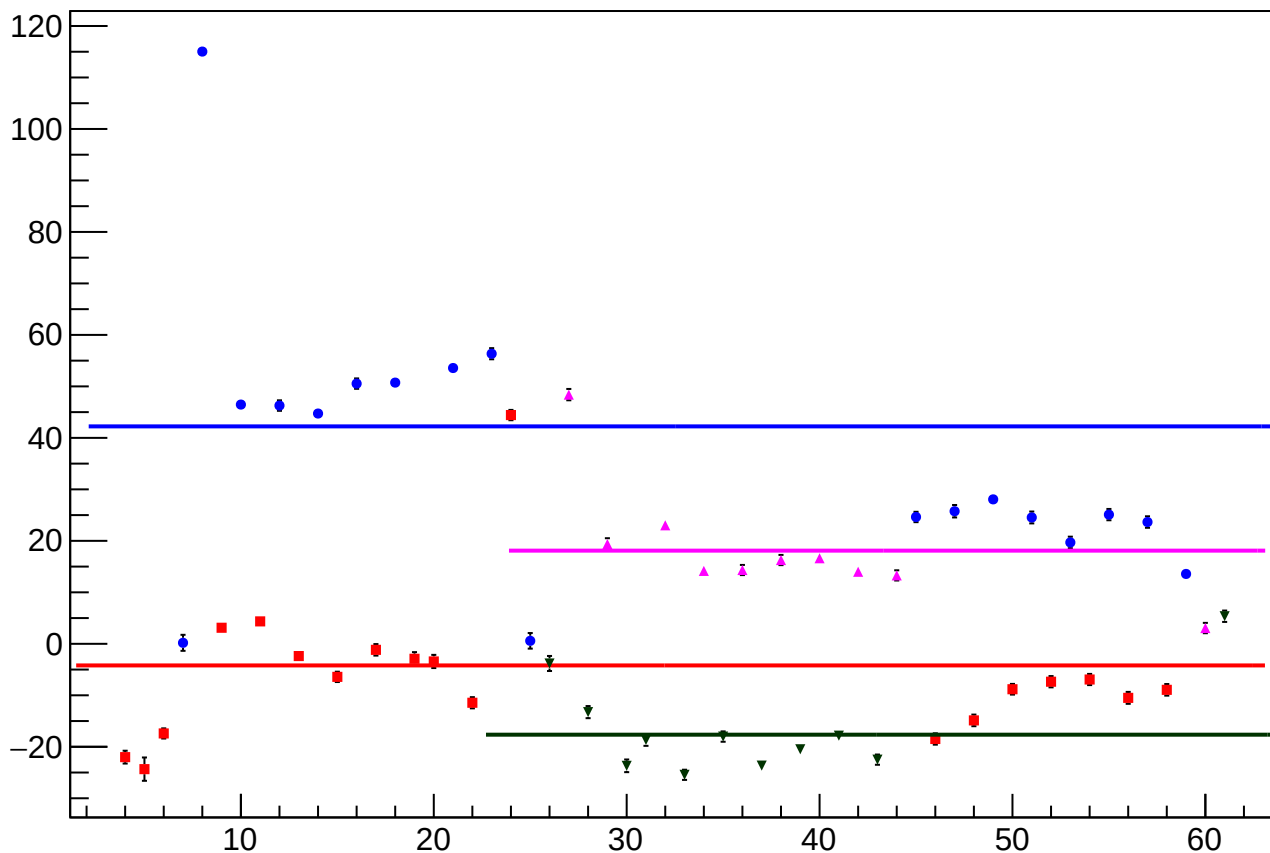
Right Out: 1142.390+/-0.257 χ^2/NDF : 236212.3/18

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

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

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: -17.650+/-0.315 χ^2/NDF : 698.7/10

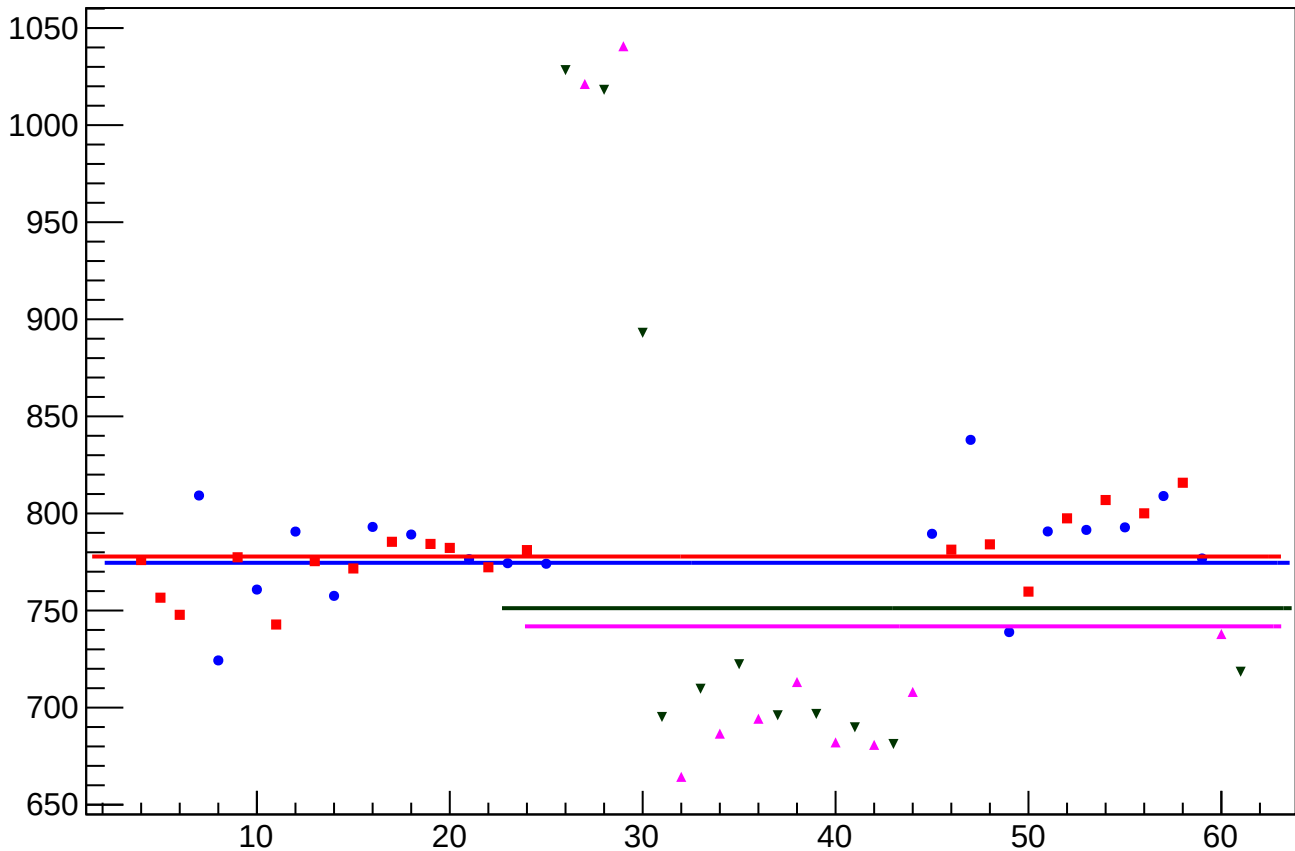
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

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

21.347+/-0.186 χ^2/NDF : 38453.0/28

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: 751.209 ± 0.223 χ^2/NDF : 246409.9/10

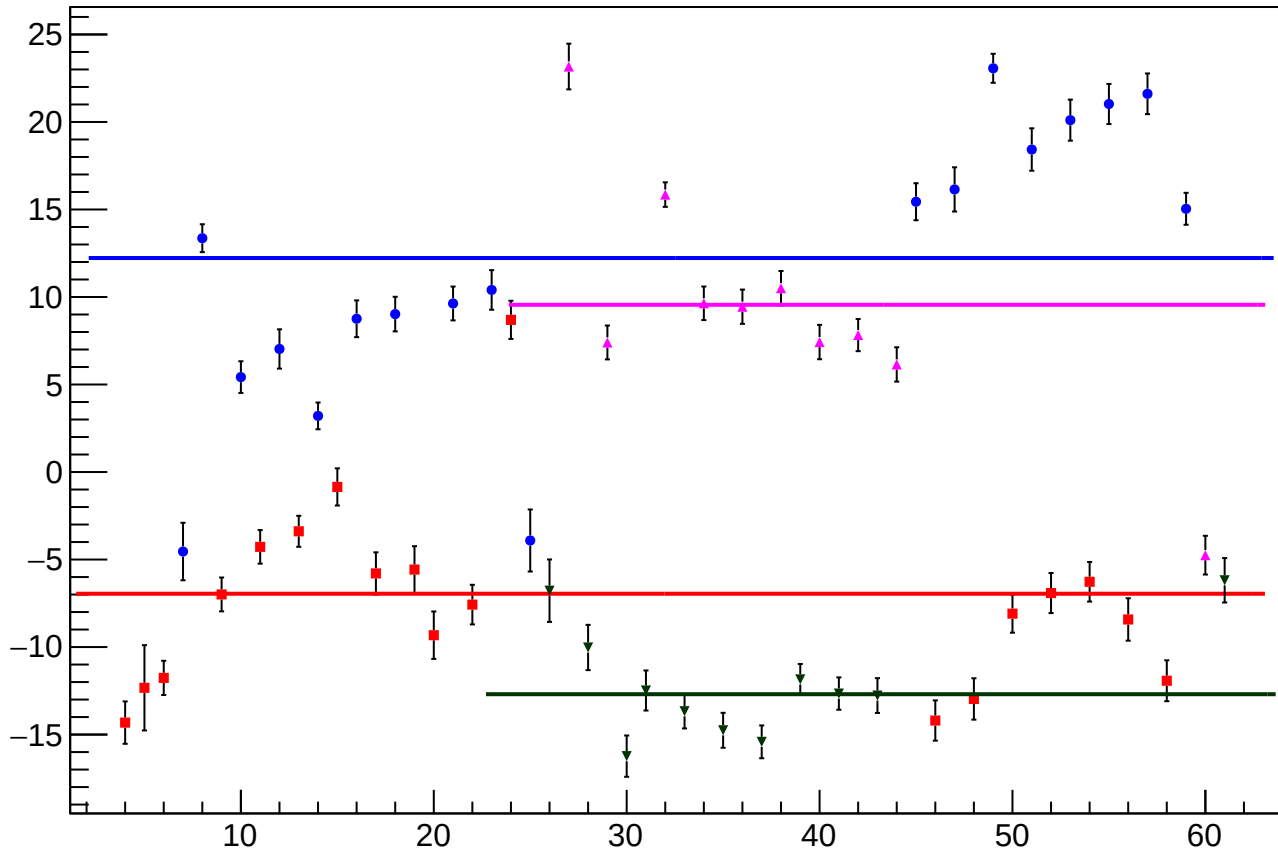
Right Out: 777.816 ± 0.174 χ^2/NDF : 11180.5/18

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

766.430 ± 0.132 χ^2/NDF : 279919.3/28

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: -12.694 $\pm$ 0.322 χ^2 /NDF: 65.2/10

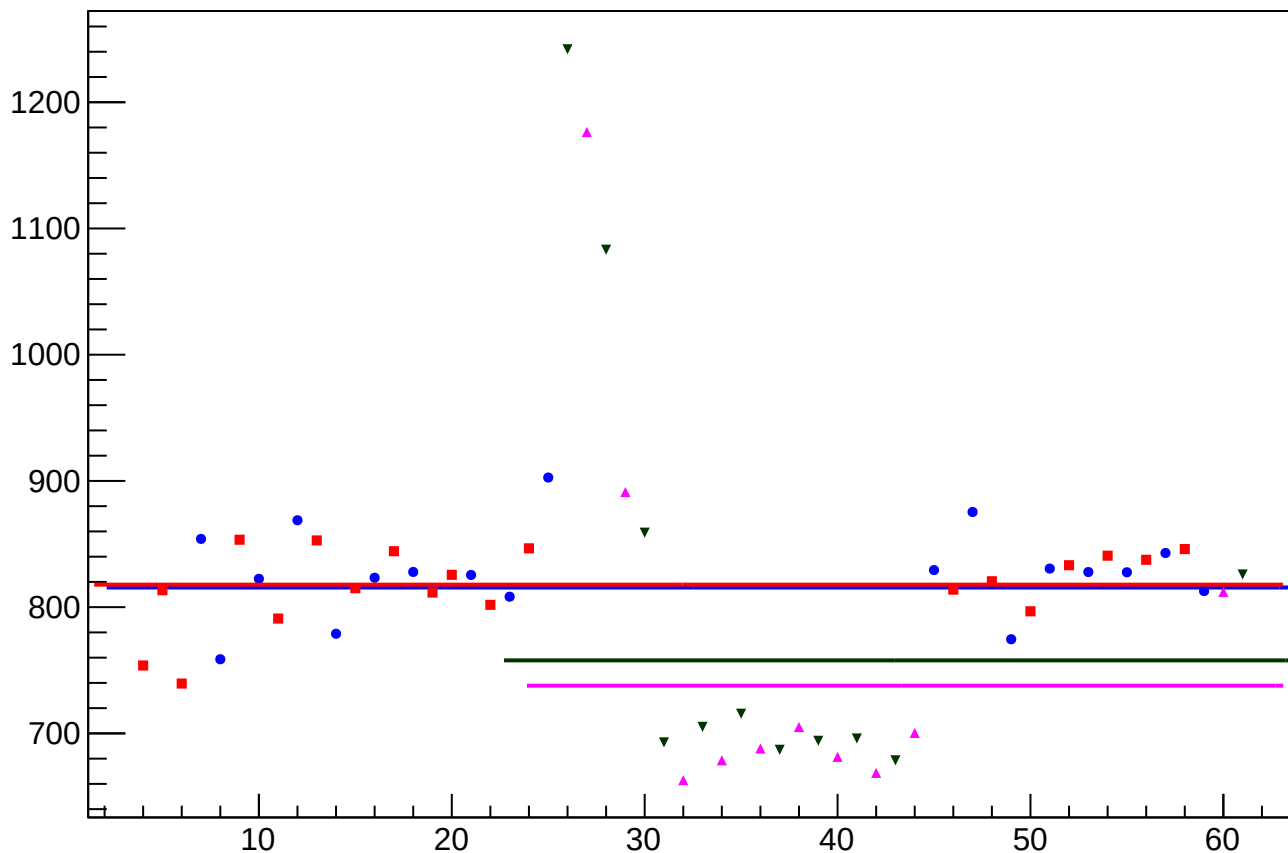
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

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

3.151 $\pm$ 0.194 χ^2 /NDF: 4712.7/28

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

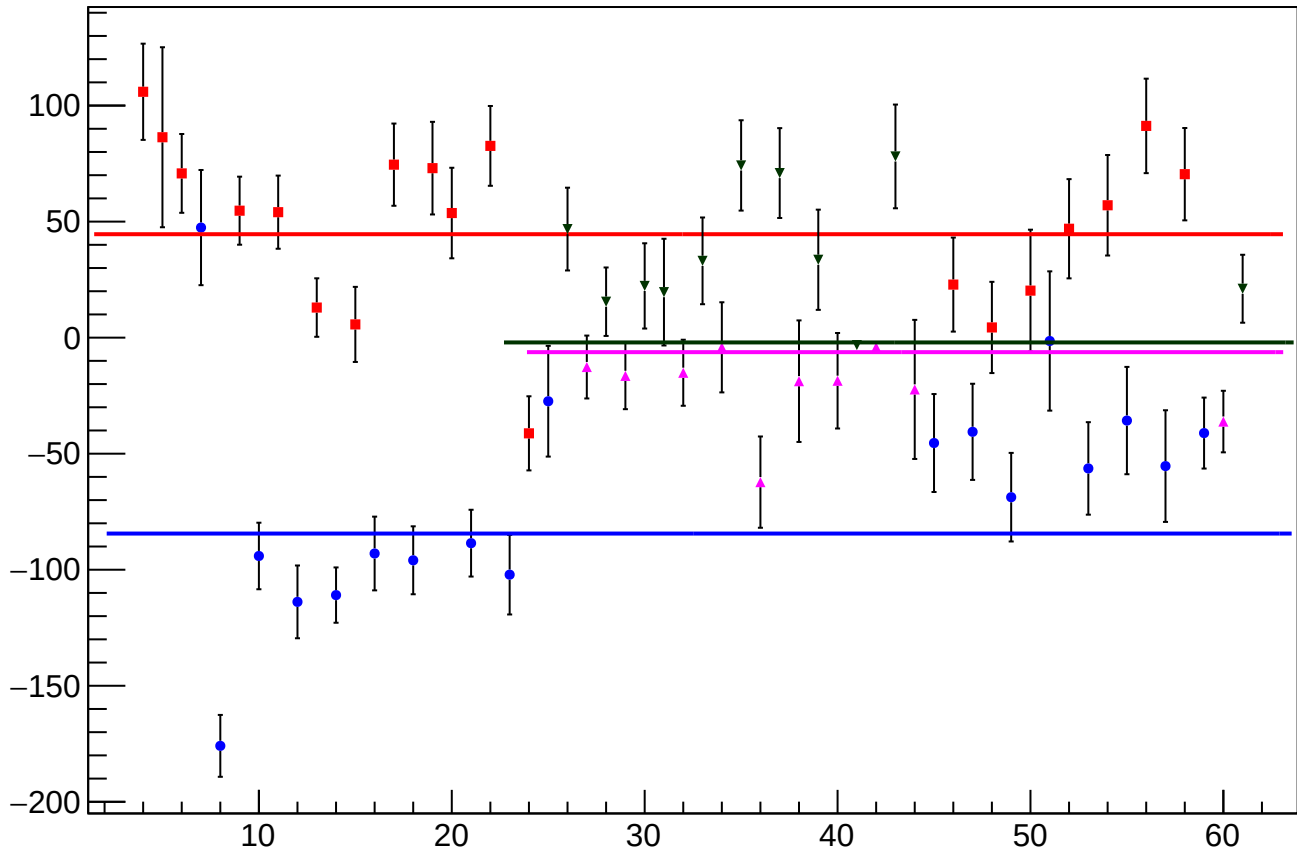
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

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

794.547+/-0.137 χ^2/NDF : 432202.6/28

783.954+/-0.139 χ^2/NDF : 456944.7/28

diff_bpm0l02X_mean vs slug



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

Left Out: -2.063+/-0.970 χ^2/NDF : 64.1/10

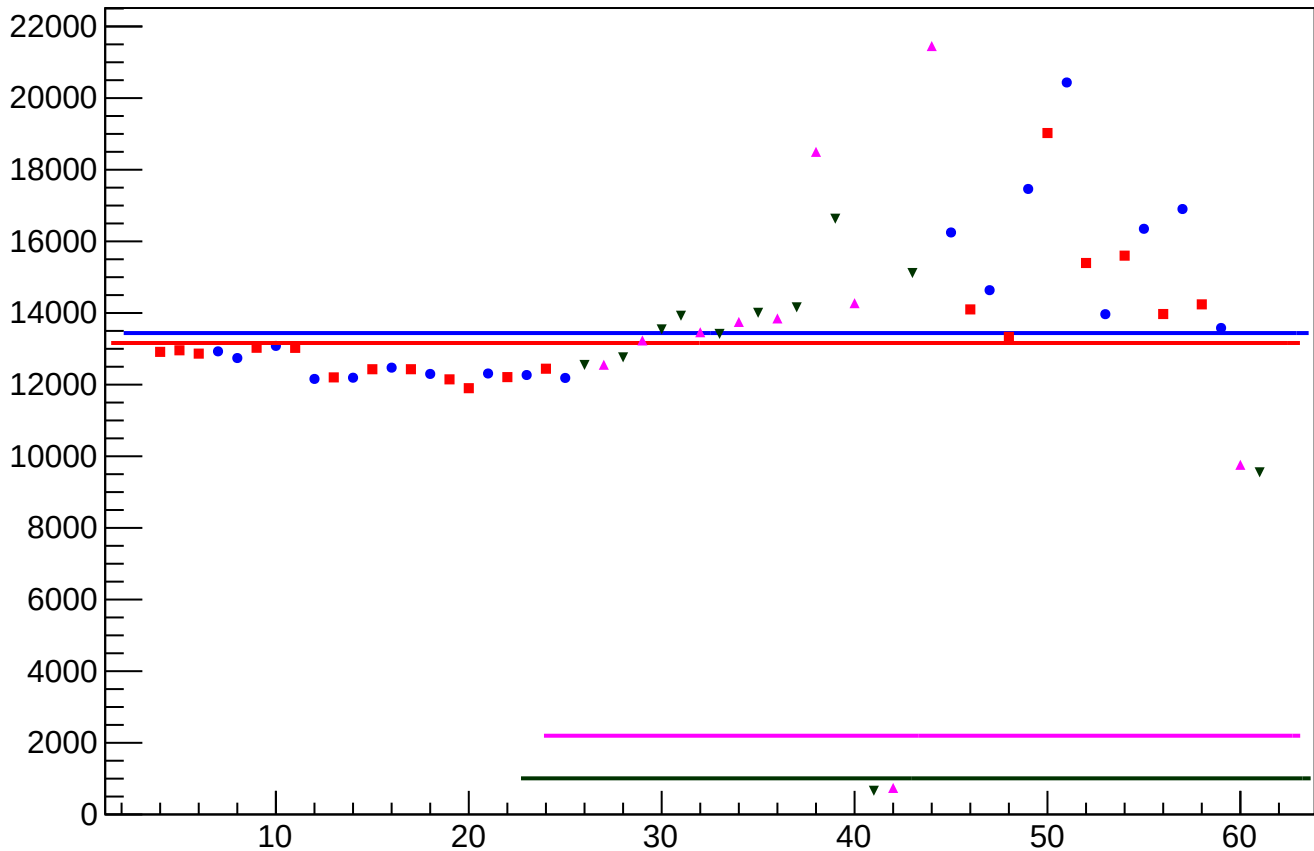
Right Out: 44.573+/-4.203 χ^2/NDF : 77.6/18

Left In: -6.251+/-1.937 χ^2/NDF : 16.3/9

-6.508+/-0.943 χ^2/NDF : 577.5/28

2.654+/-1.759 χ^2/NDF : 214.5/28

diff_bpm0l02X_rms vs slug



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

Left Out: 1008.227+/-0.686 χ^2/NDF : 9140834.2/10

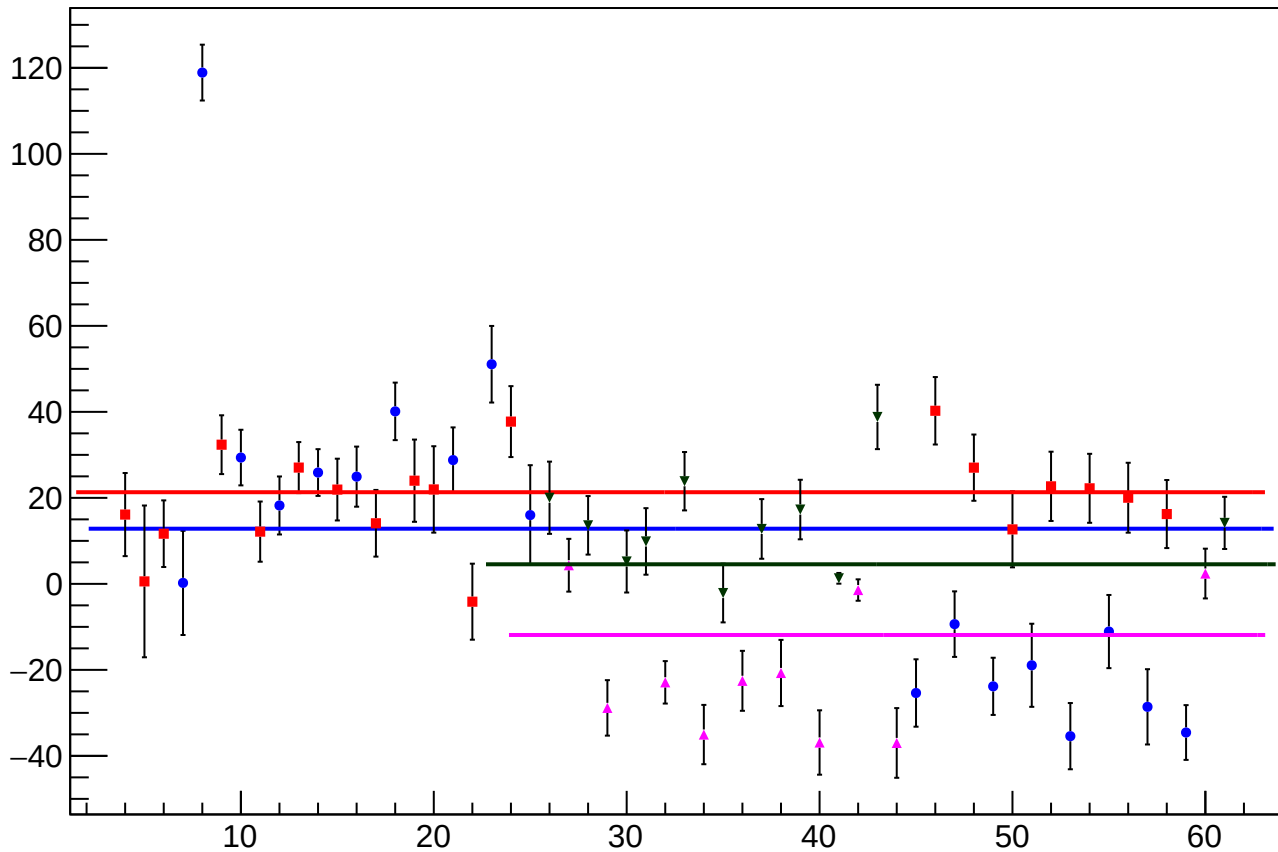
Right Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

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

1679.131+/-0.667 χ^2/NDF : 27285862.7/28

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

diff_bpm0l02Y_mean vs slug



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

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

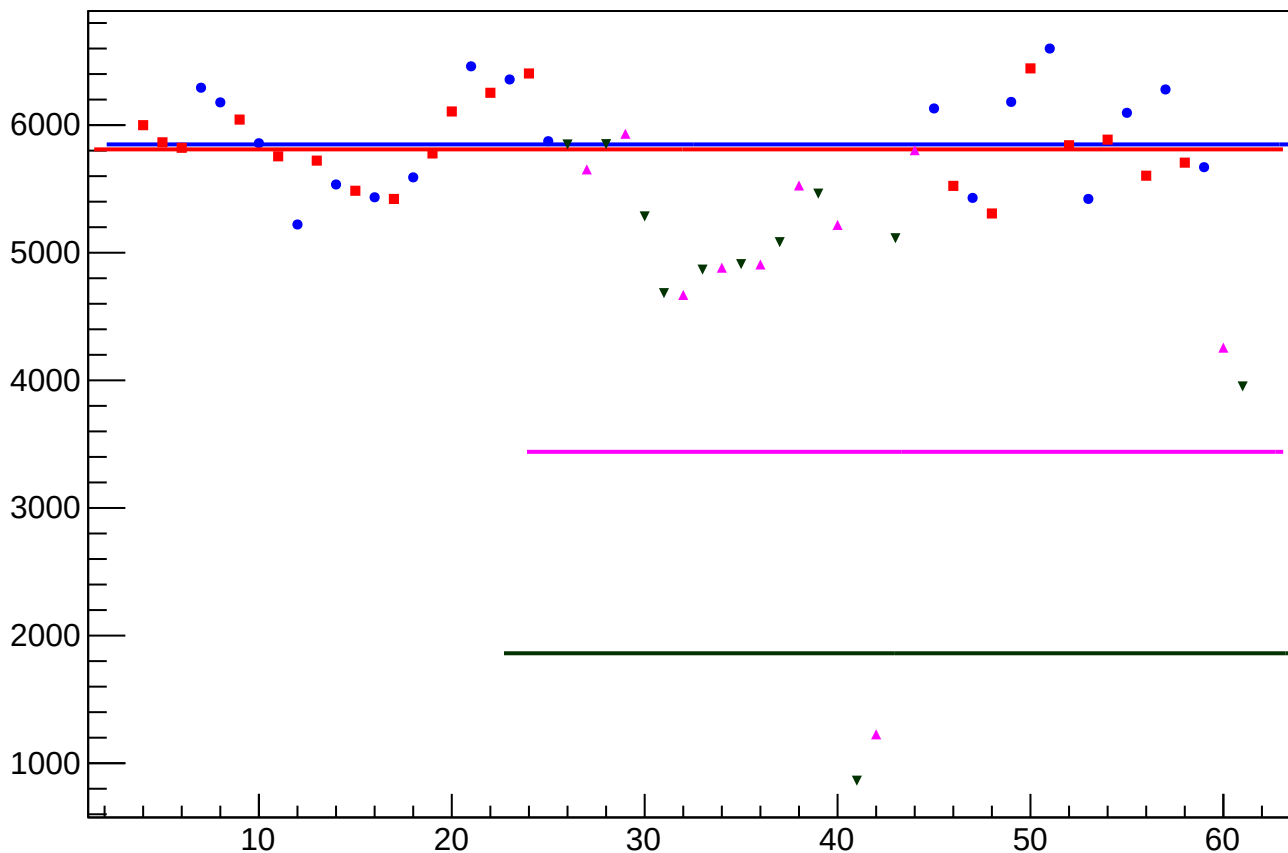
Right Out: 21.314 $\pm$ 1.847 χ^2 /NDF: 29.5/18

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

6.854 $\pm$ 0.924 χ^2 /NDF: 587.7/28

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

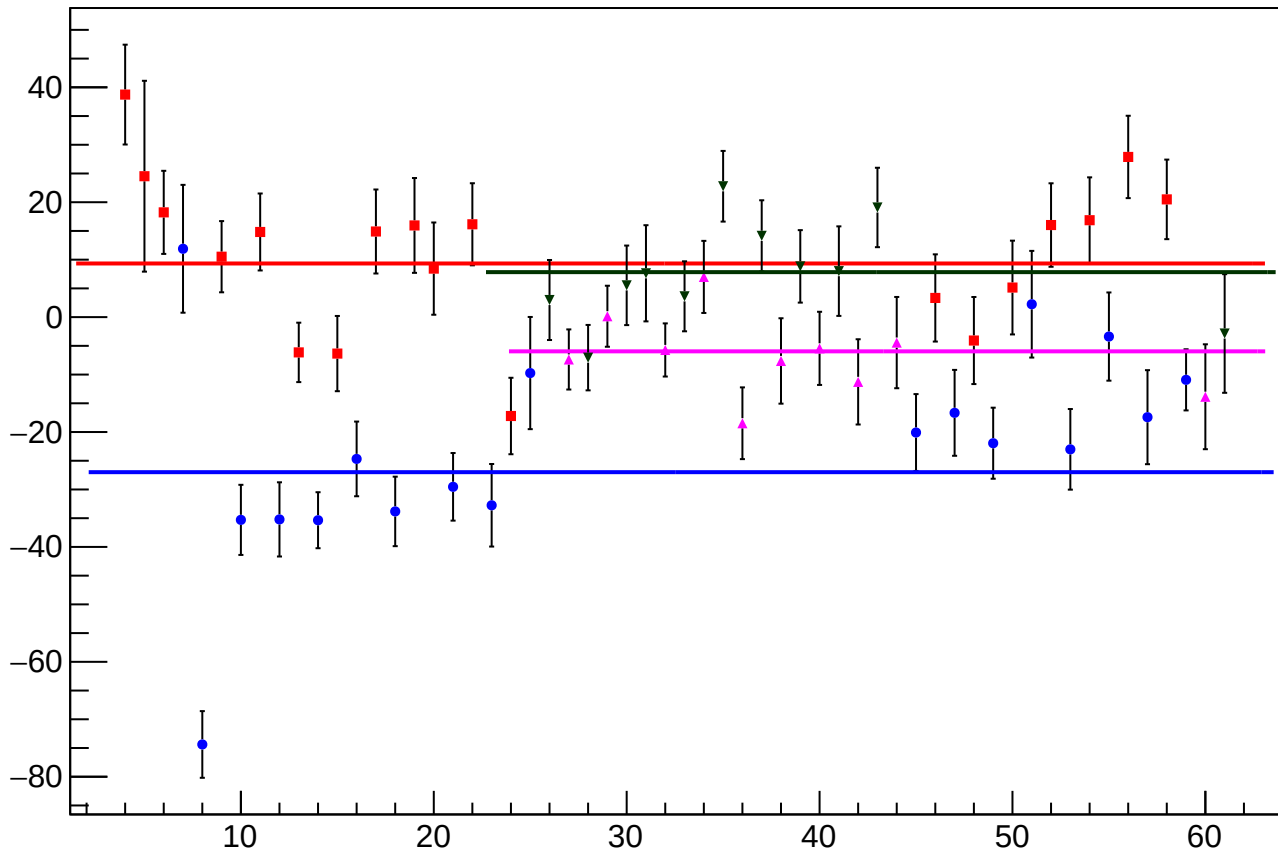
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

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

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

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

diff_bpm0l03X_mean vs slug



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

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

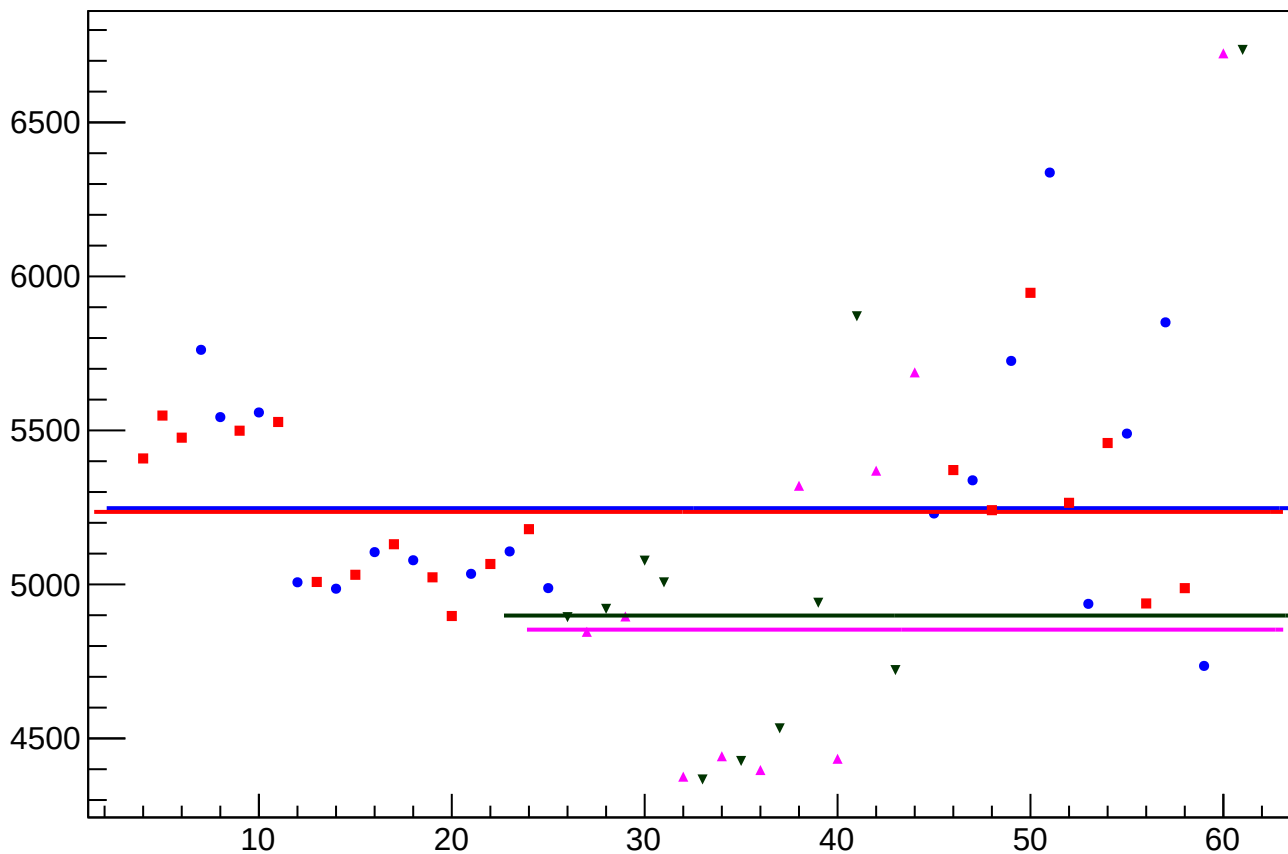
Right Out: 9.337 ± 1.659 $\chi^2/\text{NDF}: 62.4/18$

Left In: -5.958 ± 1.967 $\chi^2/\text{NDF}: 11.0/9$

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

2.975 ± 1.268 $\chi^2/\text{NDF}: 108.8/28$

diff_bpm0l03X_rms vs slug



Right In: 5247.571 $\pm$ 1.110 χ^2 /NDF: 105629.3/17

Left Out: 4898.943 $\pm$ 1.449 χ^2 /NDF:131524.8/10

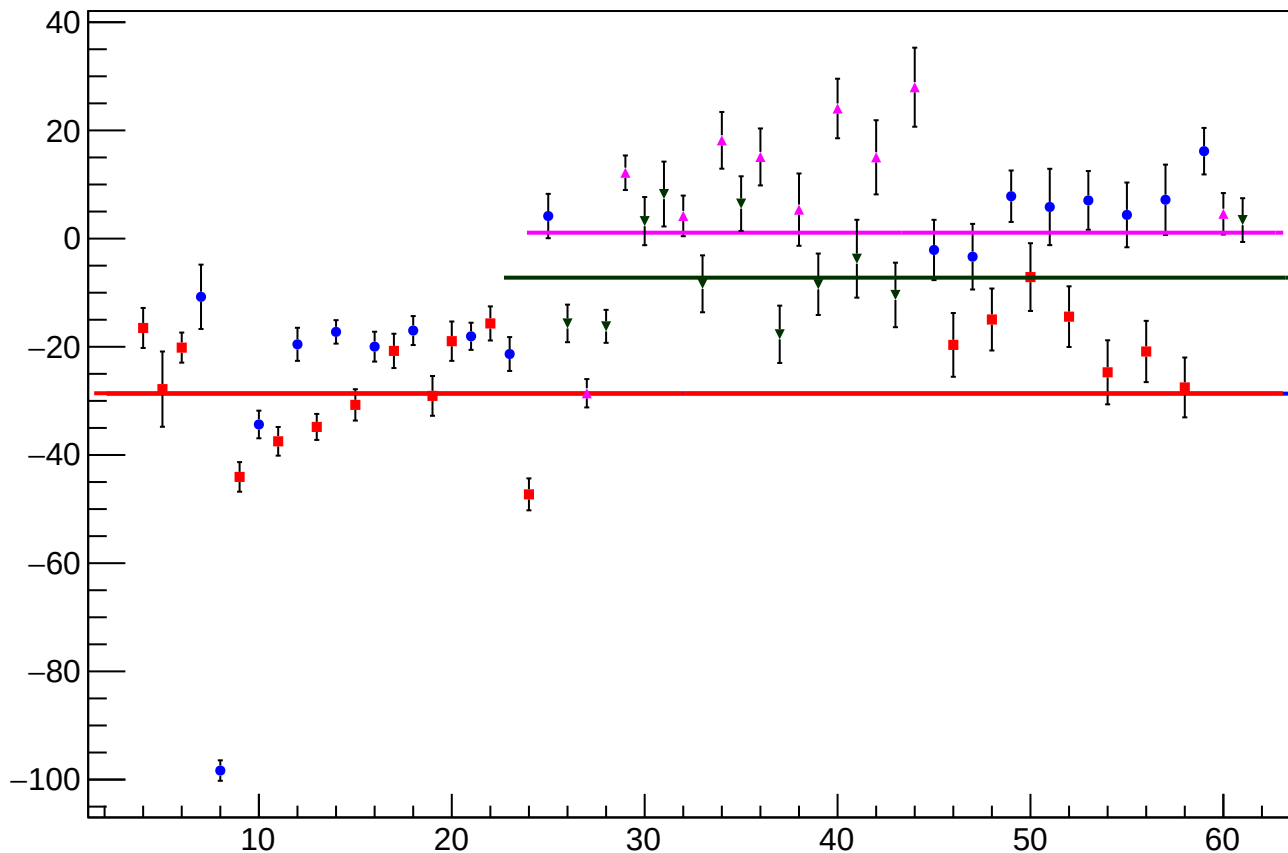
Right Out: 5235.469 $\pm$ 1.173 χ^2 /NDF: 47165.0/18

Left In: 4853.180 $\pm$ 1.391 χ^2 /NDF:173038.7/9

5118.730 $\pm$ 0.881 χ^2 /NDF: 273626.8/28

5076.474 $\pm$ 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: -7.221 $\pm$ 1.387 χ^2 /NDF: 45.6/10

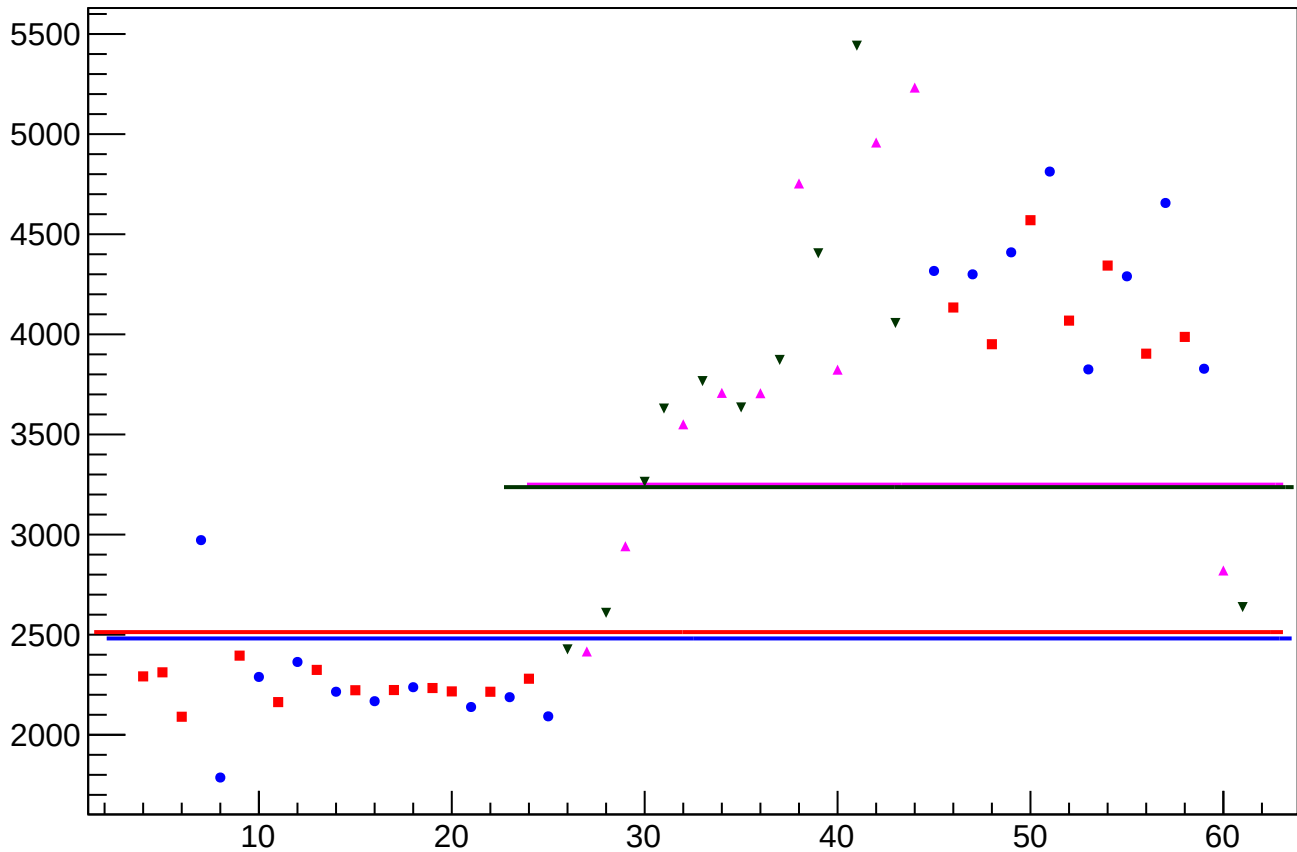
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

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

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

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

diff_bpm0l03Y_rms vs slug



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

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

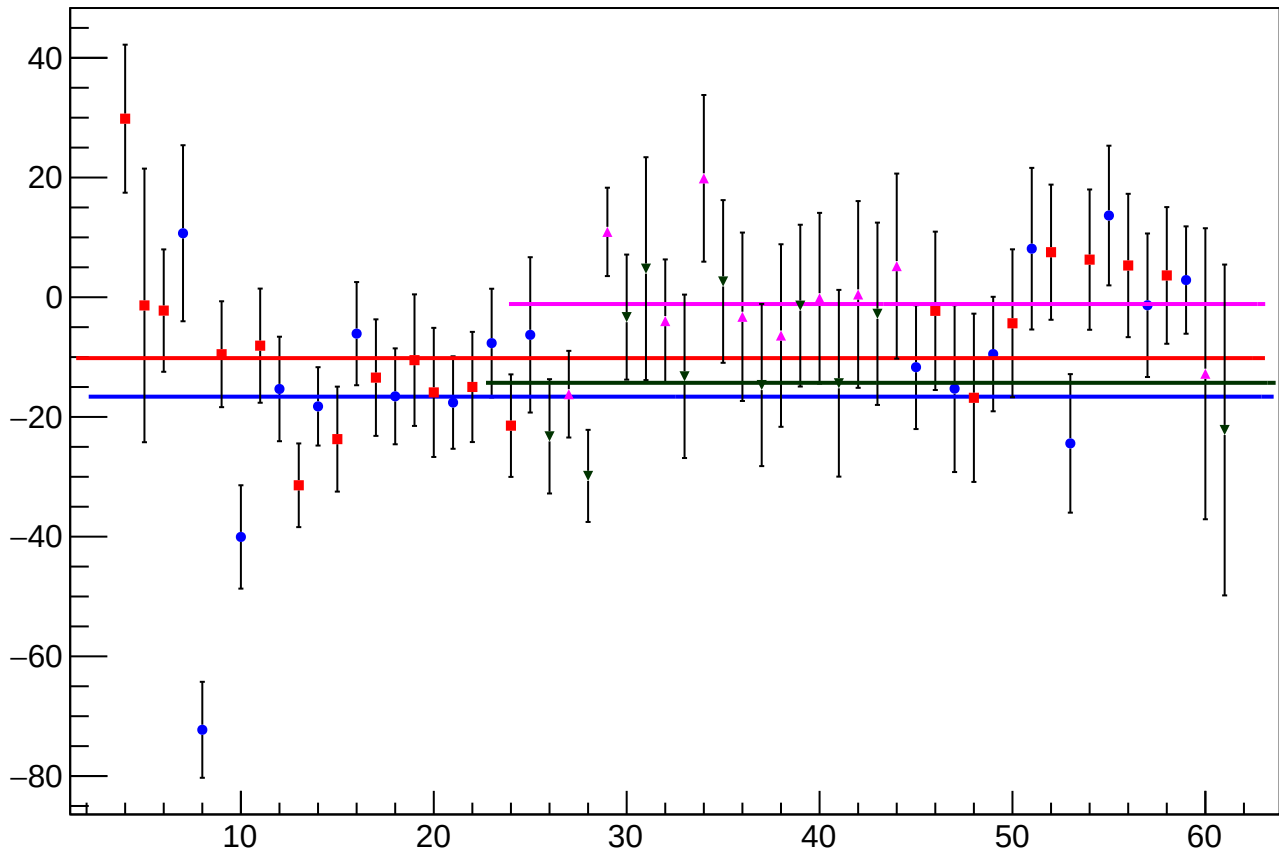
2663.410+/-0.482 χ^2/NDF : 3180514.3/28

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

2714.179+/-0.498 χ^2/NDF : 2416300.0/28

Left In: 3249.380+/-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: -14.298 ± 3.744 $\chi^2/\text{NDF}: 10.2/10$

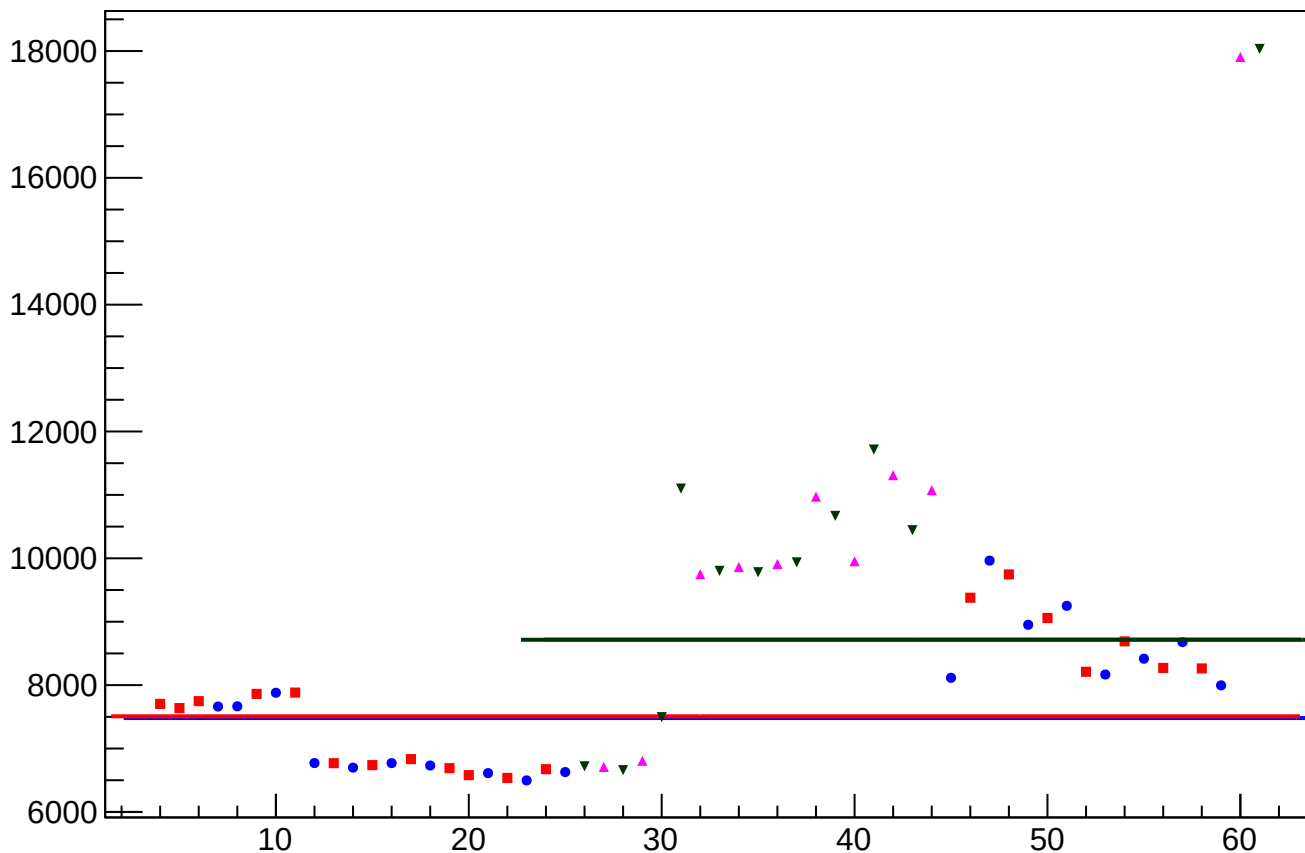
Right Out: -10.172 ± 2.389 $\chi^2/\text{NDF}: 33.7/18$

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

-16.001 ± 1.923 $\chi^2/\text{NDF}: 90.4/28$

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

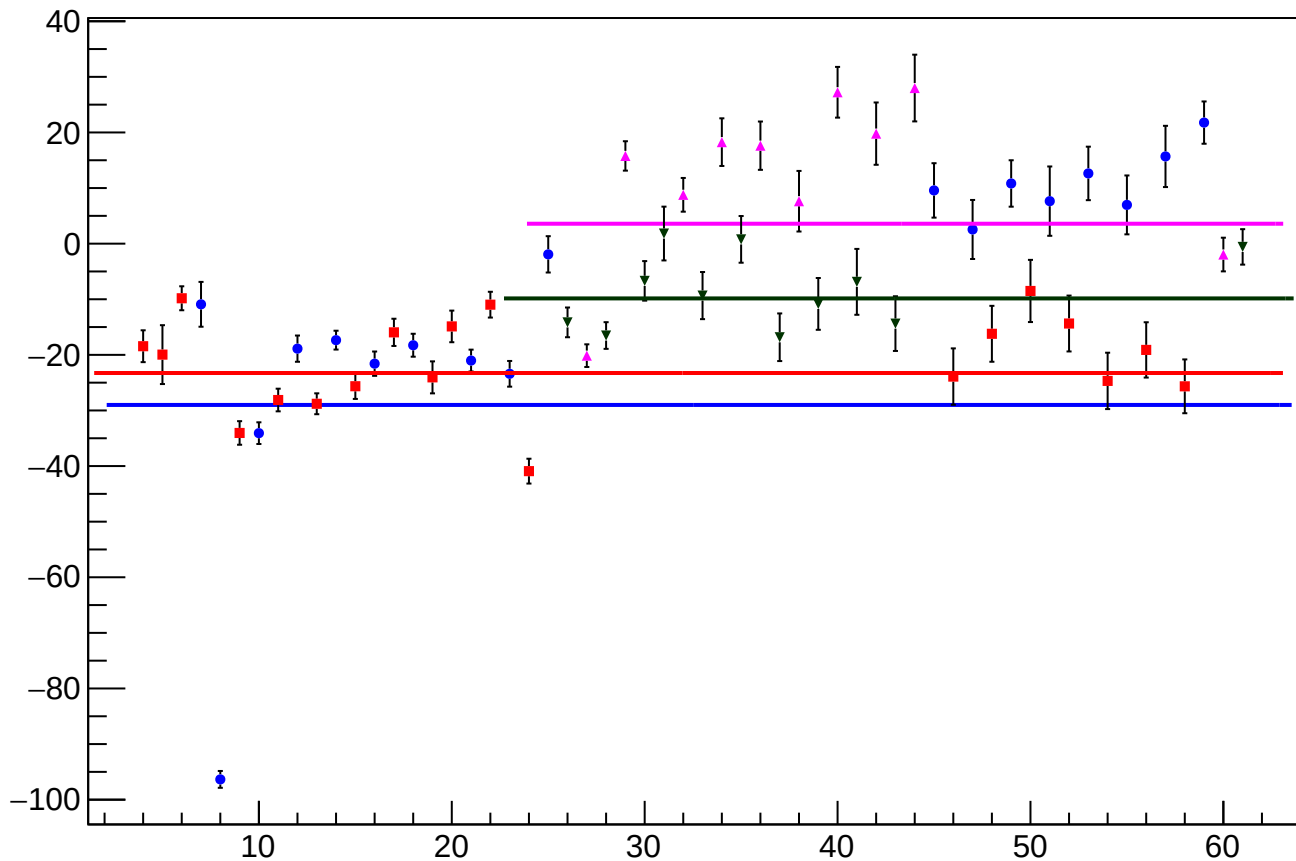
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

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

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

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

diff_bpm0l04Y_mean vs slug



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

Left Out: -9.849 $\pm$ 1.107 χ^2 /NDF: 35.6/10

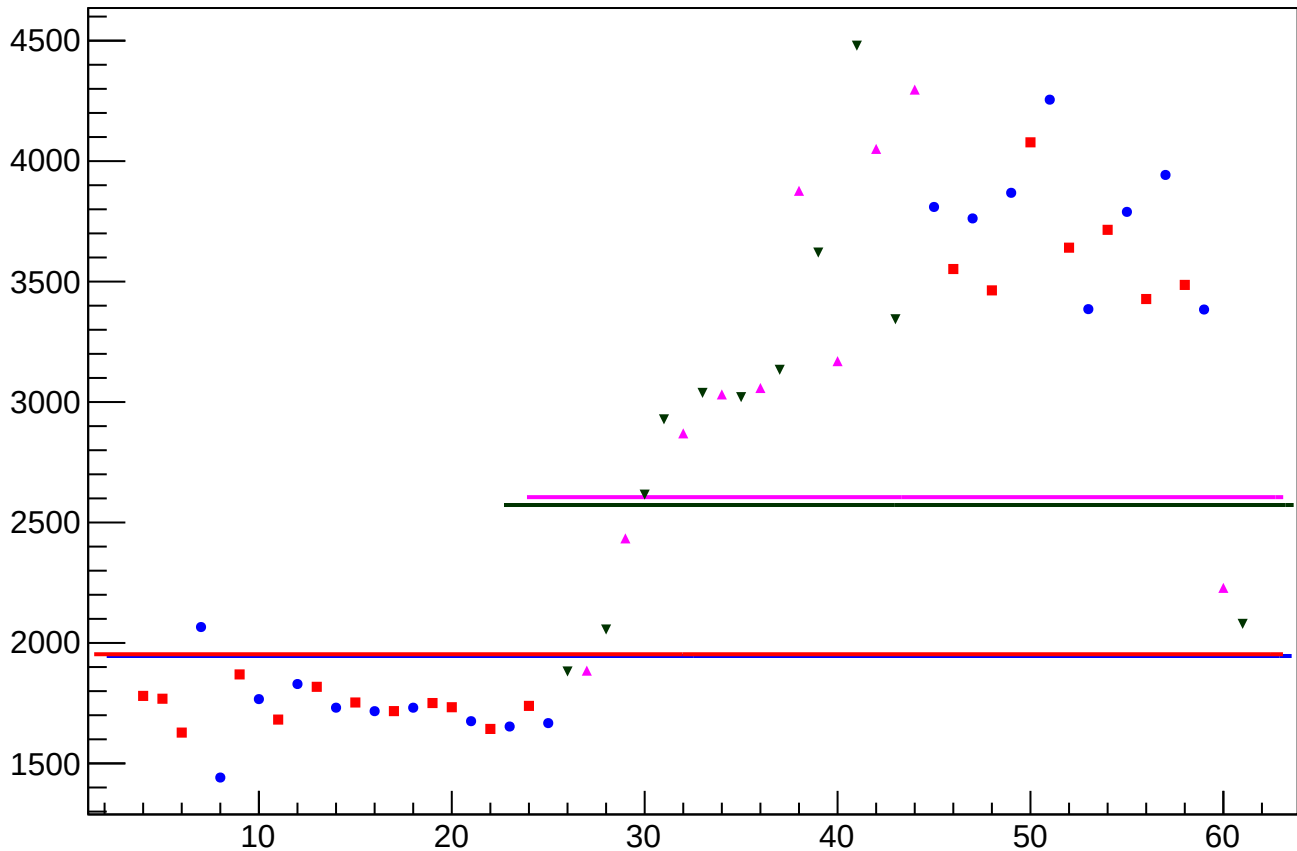
Right Out: -23.263 $\pm$ 0.648 χ^2 /NDF: 204.8/18

Left In: 3.584 $\pm$ 1.084 χ^2 /NDF: 237.6/9

-24.449 $\pm$ 0.540 χ^2 /NDF: 3056.0/28

-16.199 $\pm$ 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: 2572.631+/-0.782 χ^2/NDF : 723942.9/10

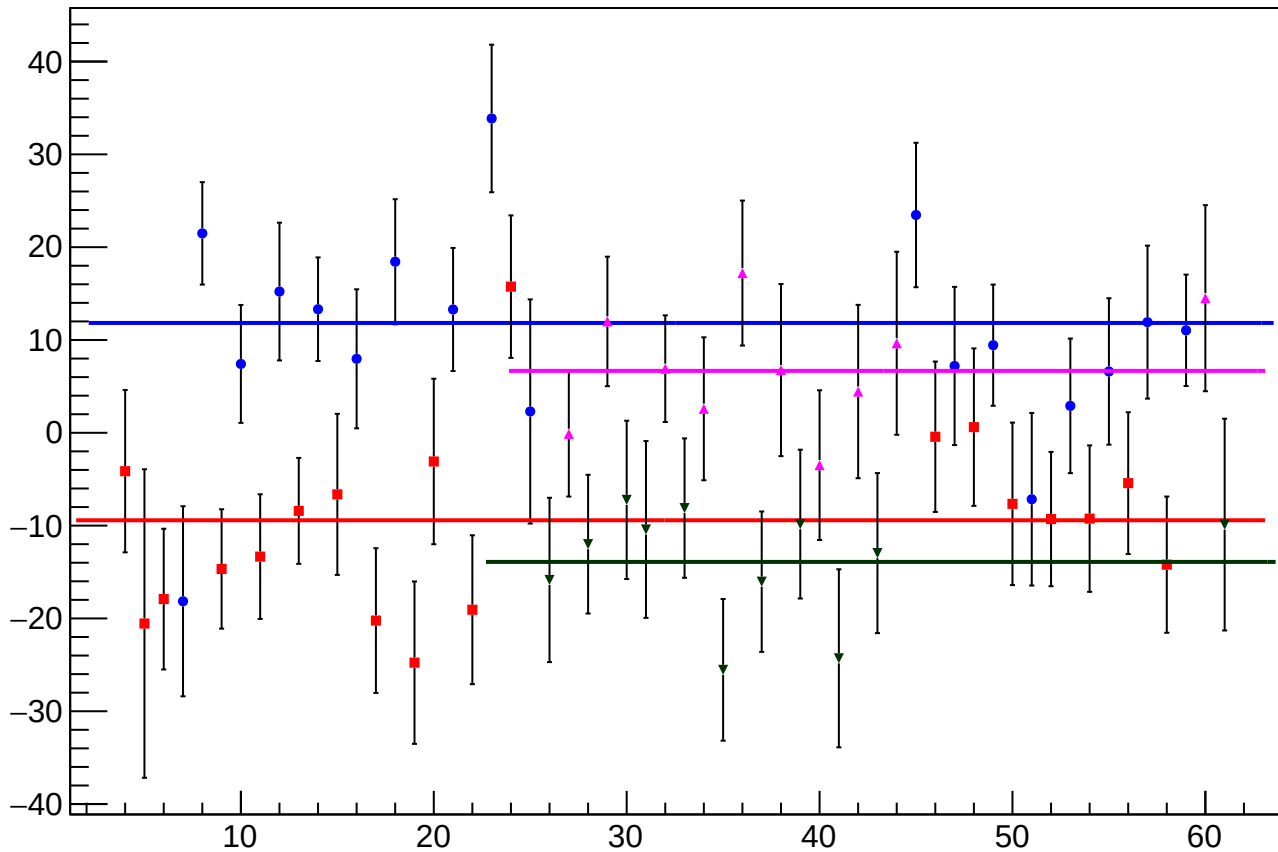
2094.996+/-0.382 χ^2/NDF : 3812390.4/28

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

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

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

diff_bpm0l05X_mean vs slug



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

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

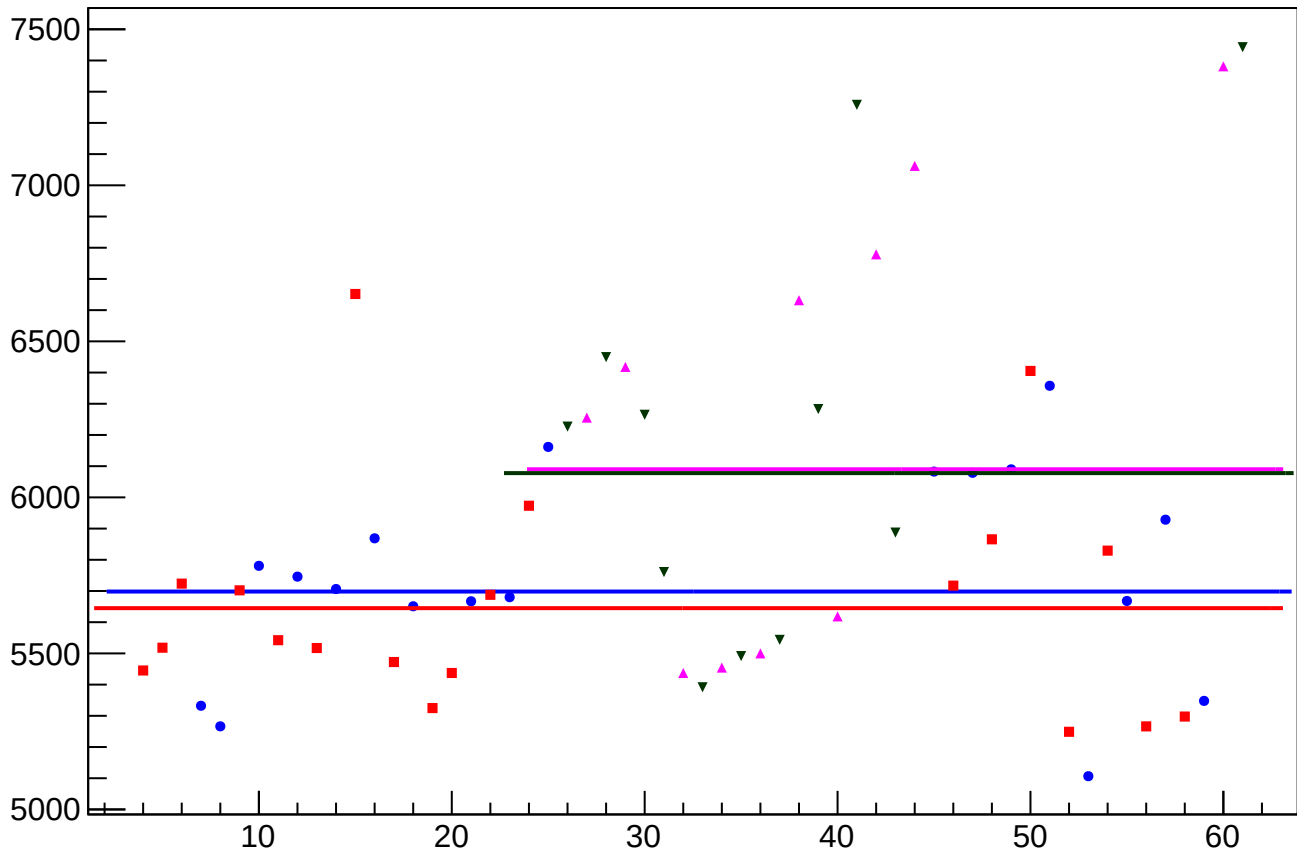
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: 6.672 $\pm$ 2.464 χ^2 /NDF: 6.0/9

3.851 $\pm$ 1.413 χ^2 /NDF: 107.3/28

-3.865 $\pm$ 1.448 χ^2 /NDF: 58.3/28

diff_bpm0l05X_rms vs slug



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

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

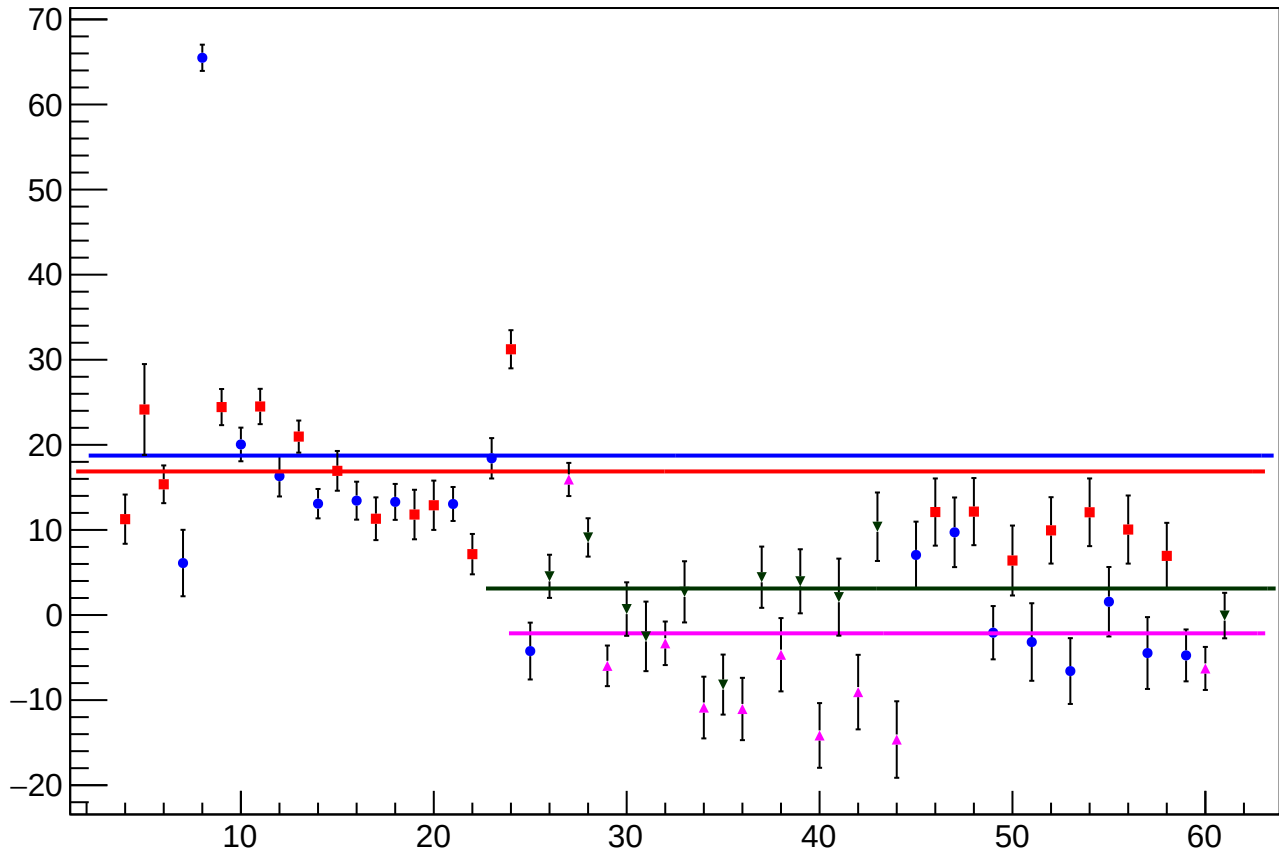
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

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

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

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

diff_bpm0l05Y_mean vs slug



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

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

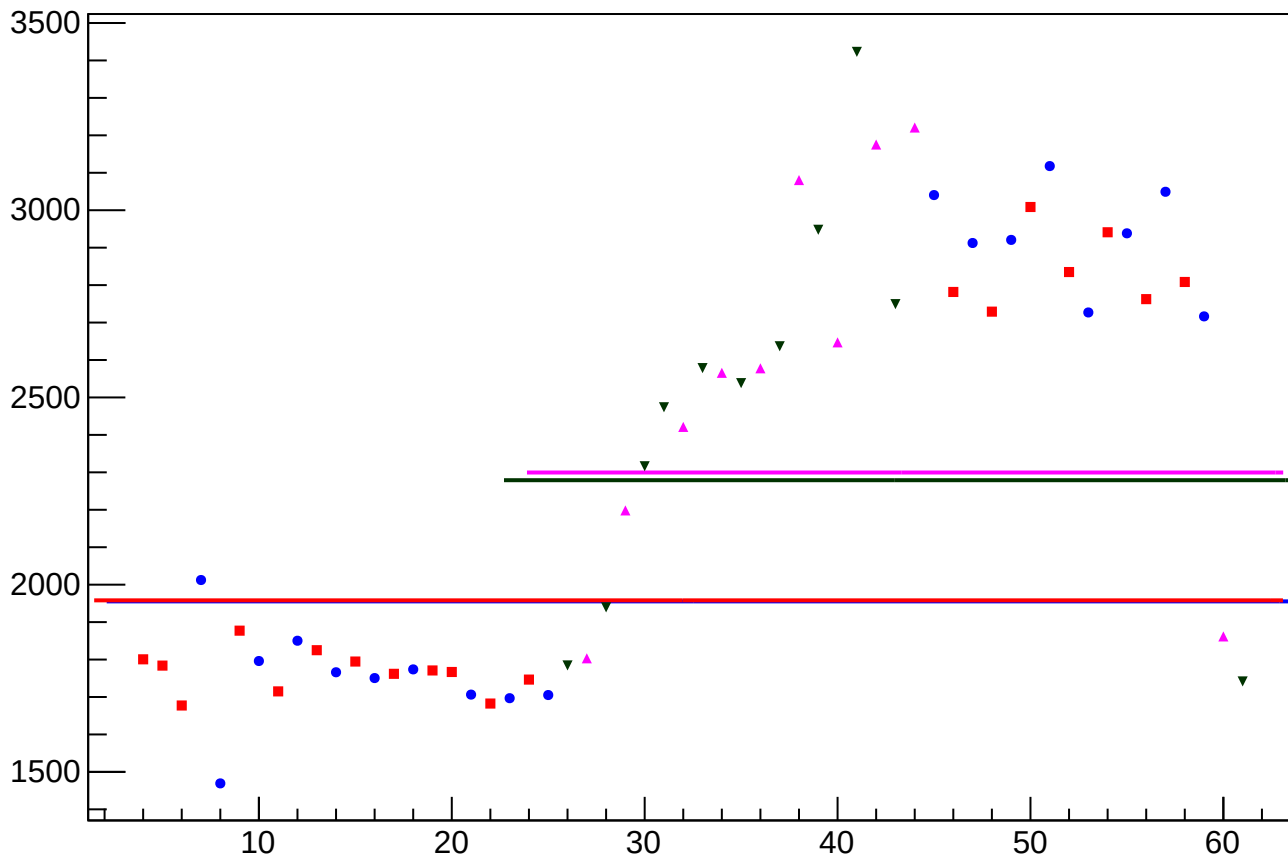
Right Out: 16.874+/-0.633 χ^2/NDF : 128.0/18

Left In: -2.152+/-0.943 χ^2/NDF : 123.8/9

14.379+/-0.511 χ^2/NDF : 1454.5/28

10.965+/-0.526 χ^2/NDF : 532.2/28

diff_bpm0l05Y_rms vs slug



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

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

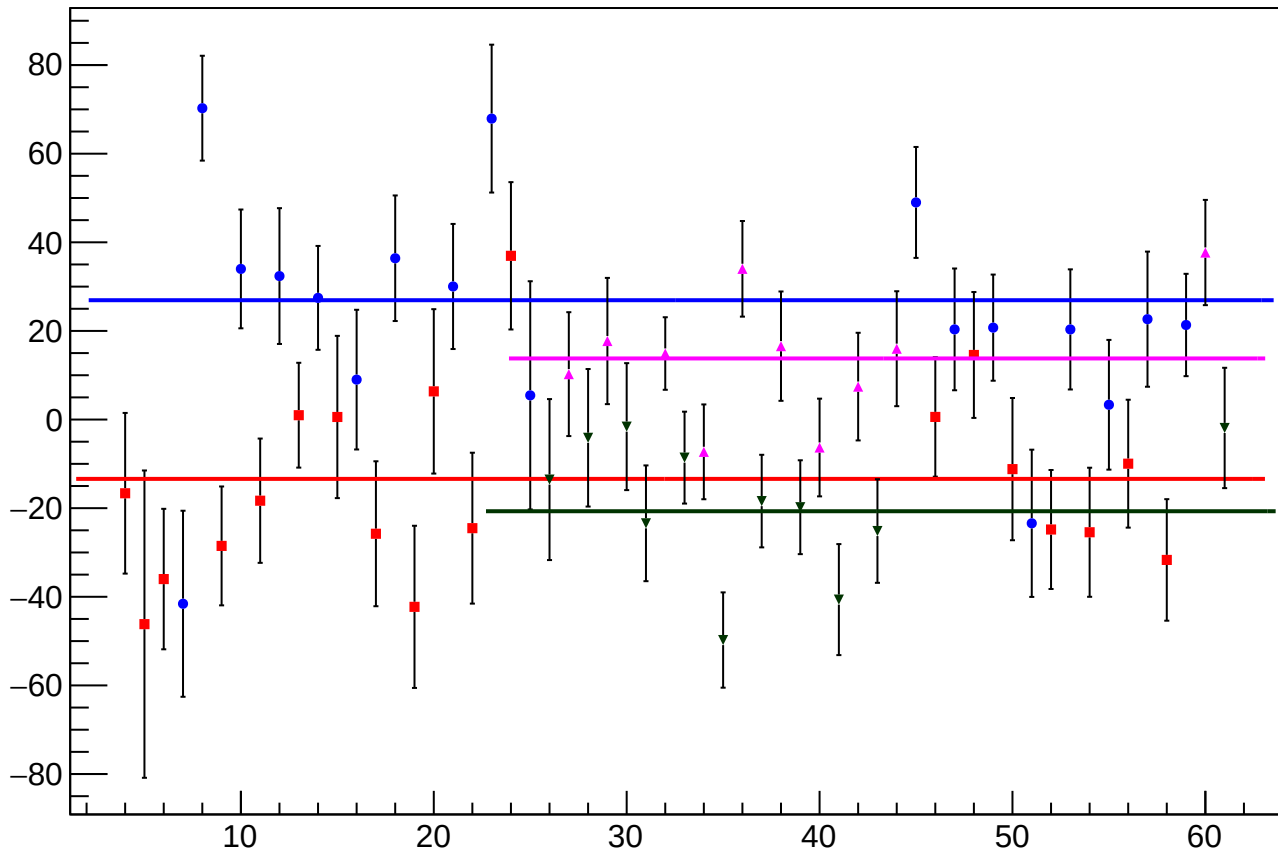
Right Out: 1958.115+/-0.448 χ^2/NDF : 858074.3/18

Left In: 2299.537+/-0.667 χ^2/NDF : 466556.4/9

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

2064.153+/-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: -20.692 ± 3.700 $\chi^2/\text{NDF}: 16.4/10$

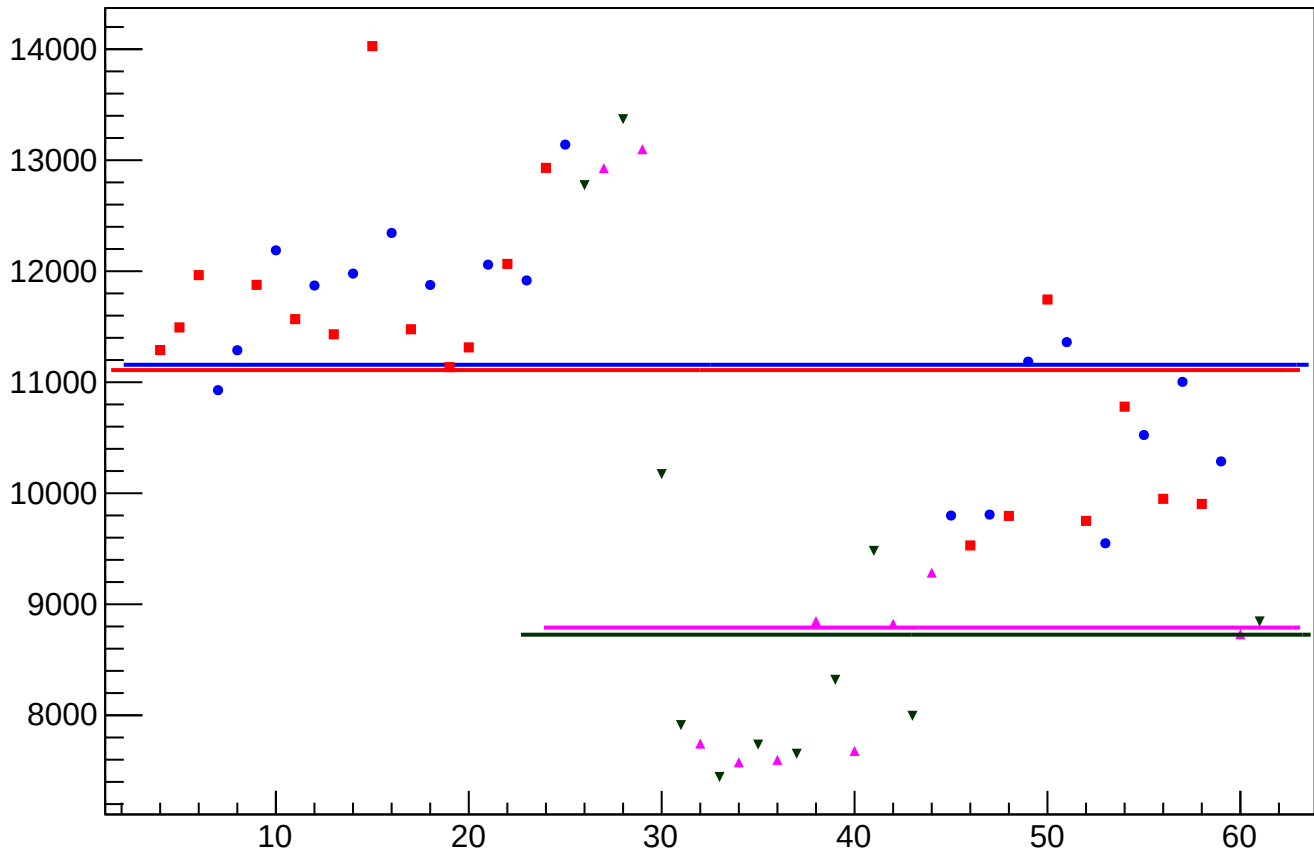
Right Out: -13.392 ± 3.535 $\chi^2/\text{NDF}: 28.4/18$

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

5.571 ± 2.478 $\chi^2/\text{NDF}: 156.7/28$

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

diff_bpm0l06X_rms vs slug



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

Left Out: 8725.993 $\pm$ 2.616 χ^2 /NDF:393294.1/10

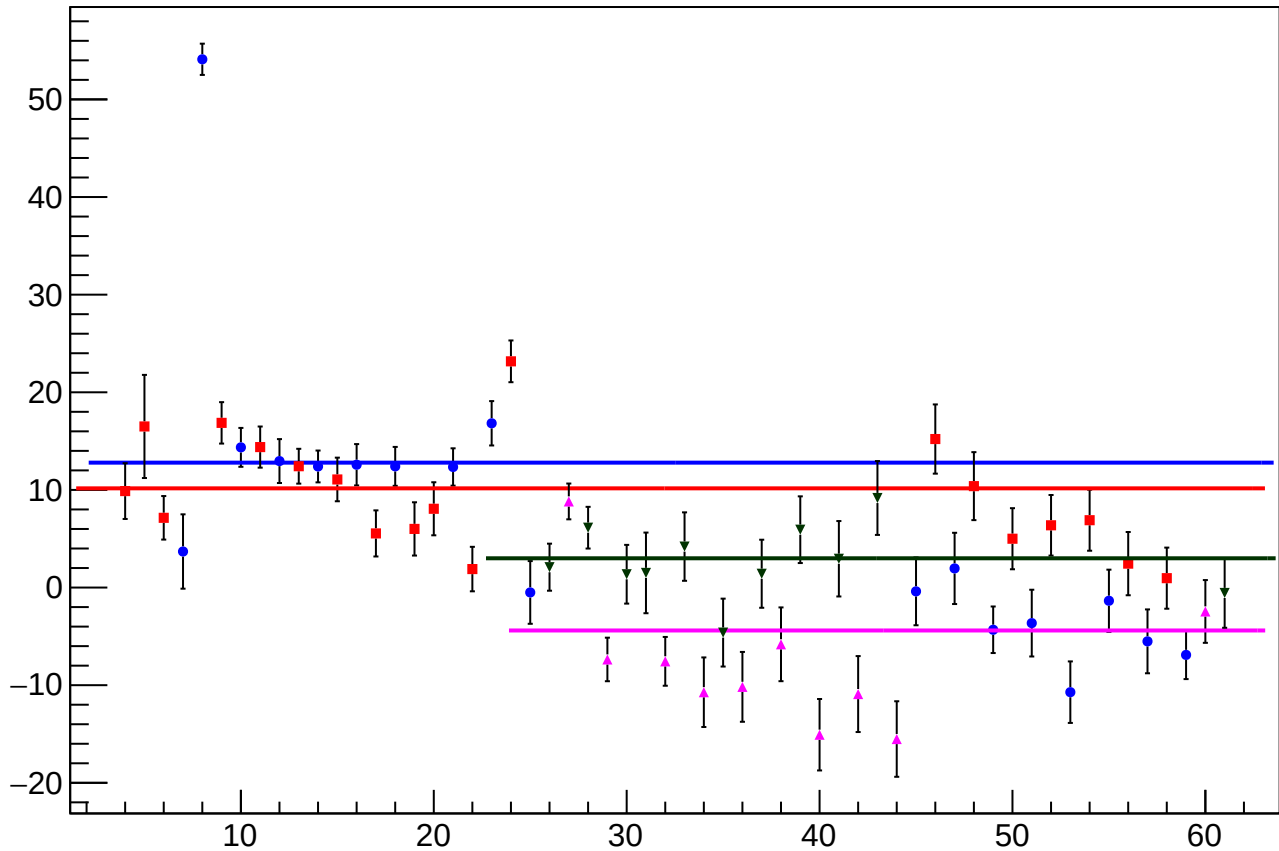
10066.821 $\pm$ 1.752 χ^2 /NDF: 1023286.4/28

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

9973.091 $\pm$ 1.785 χ^2 /NDF: 1082805.1/28

Left In: 8790.096 $\pm$ 2.550 χ^2 /NDF:464388.5/9

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.998 ± 0.950 χ^2/NDF : 12.2/10

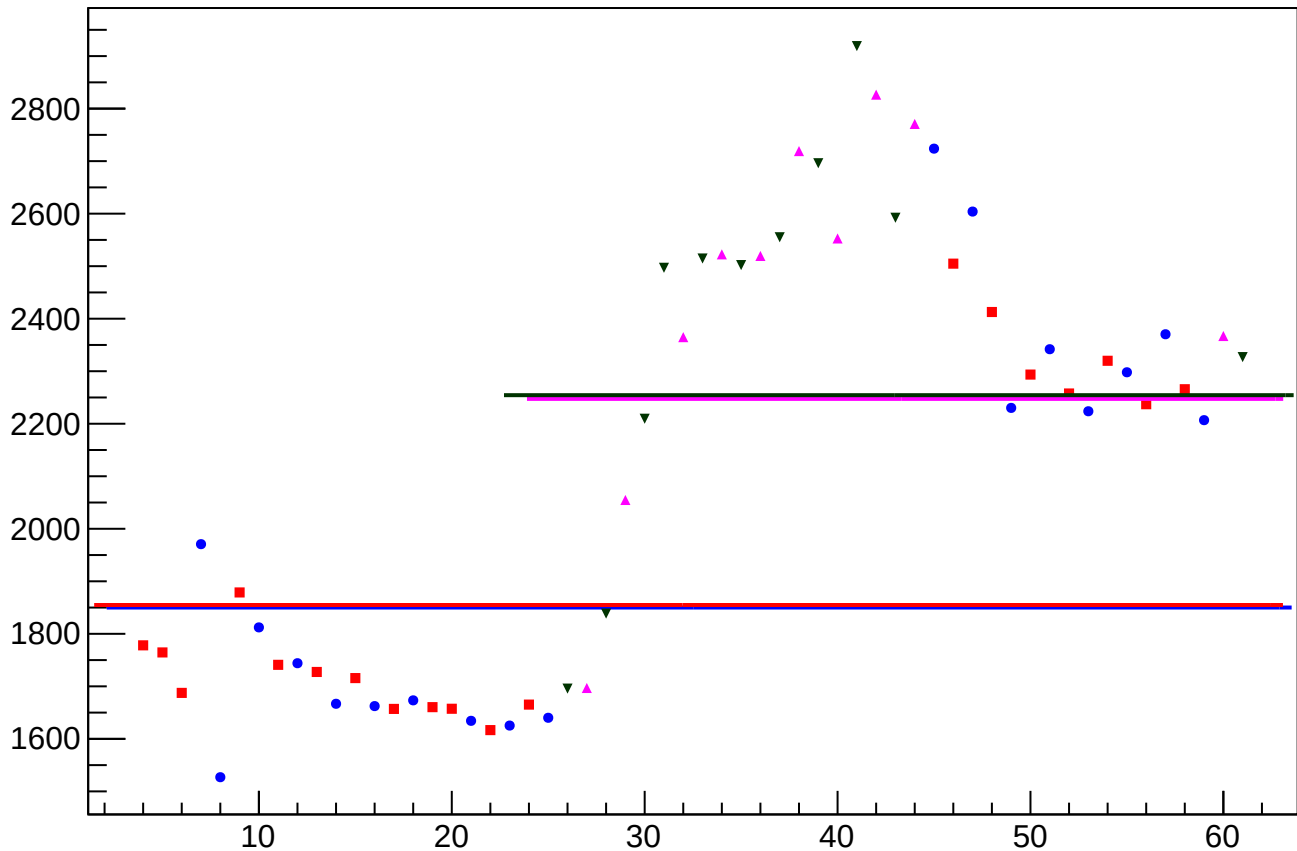
Right Out: 10.162 ± 0.592 χ^2/NDF : 97.7/18

Left In: -4.396 ± 0.917 χ^2/NDF : 81.2/9

10.275 ± 0.482 χ^2/NDF : 1052.2/28

5.873 ± 0.497 χ^2/NDF : 356.8/28

diff_bpm0l06Y_rms vs slug



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

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

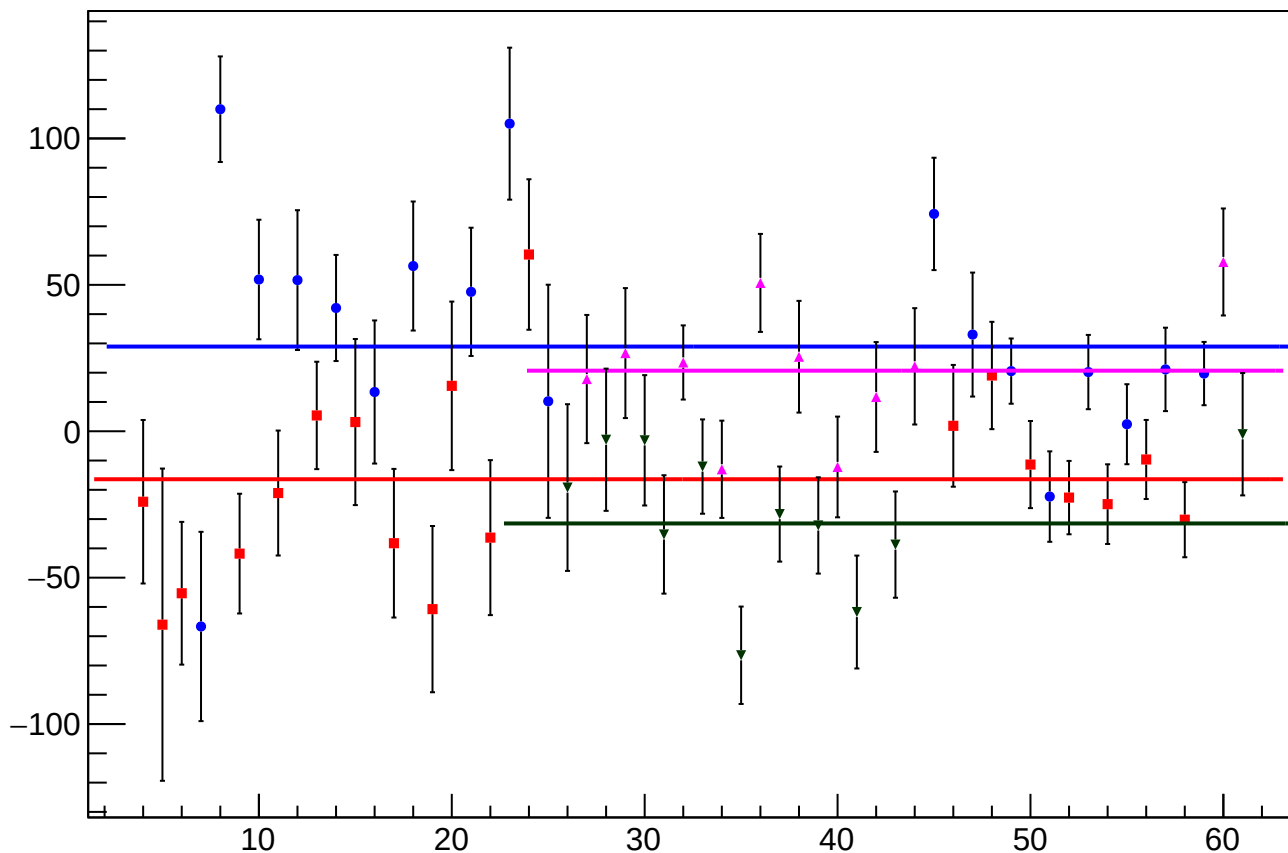
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

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

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

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: -31.486 ± 5.738 χ^2/NDF : 16.8/10

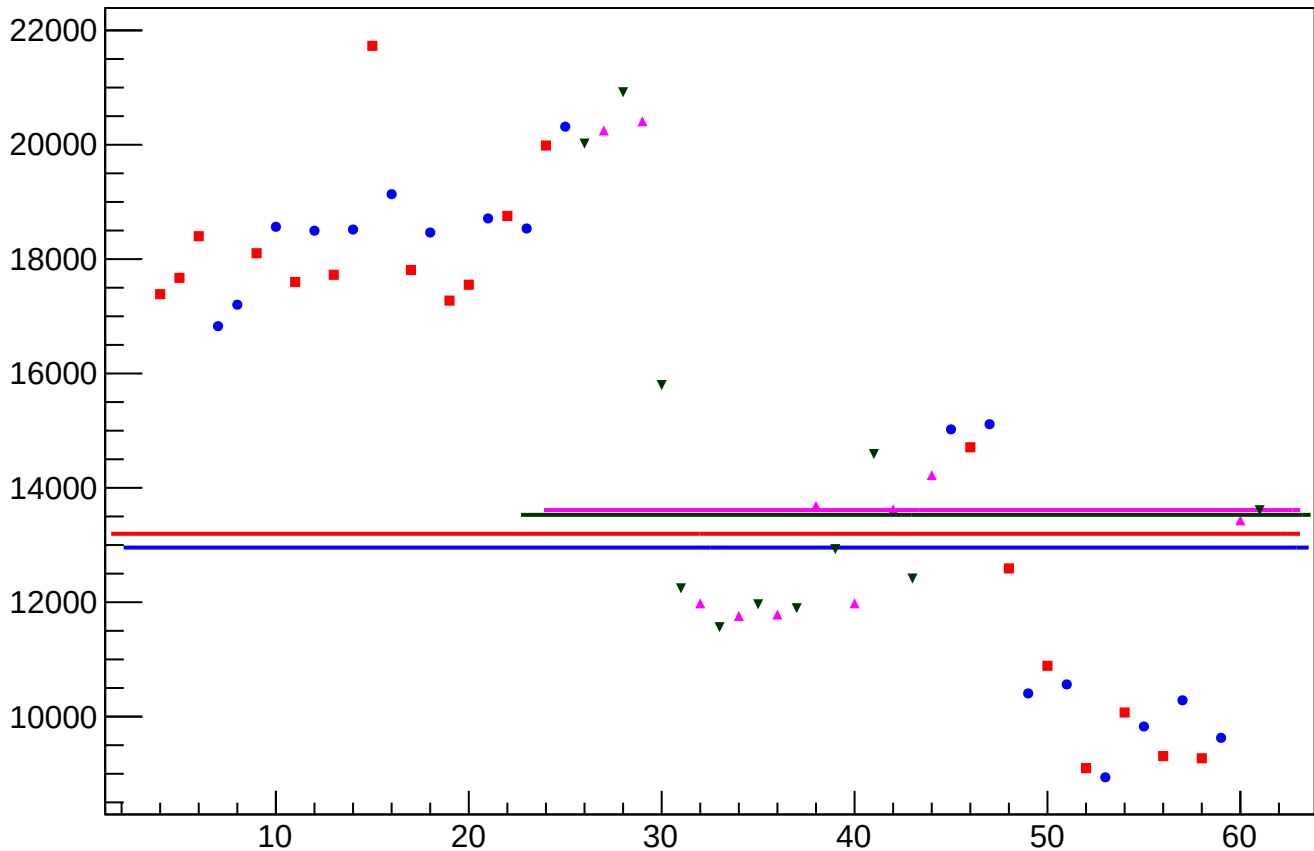
Right Out: -16.388 ± 4.377 χ^2/NDF : 27.5/18

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

8.934 ± 3.301 χ^2/NDF : 156.6/28

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

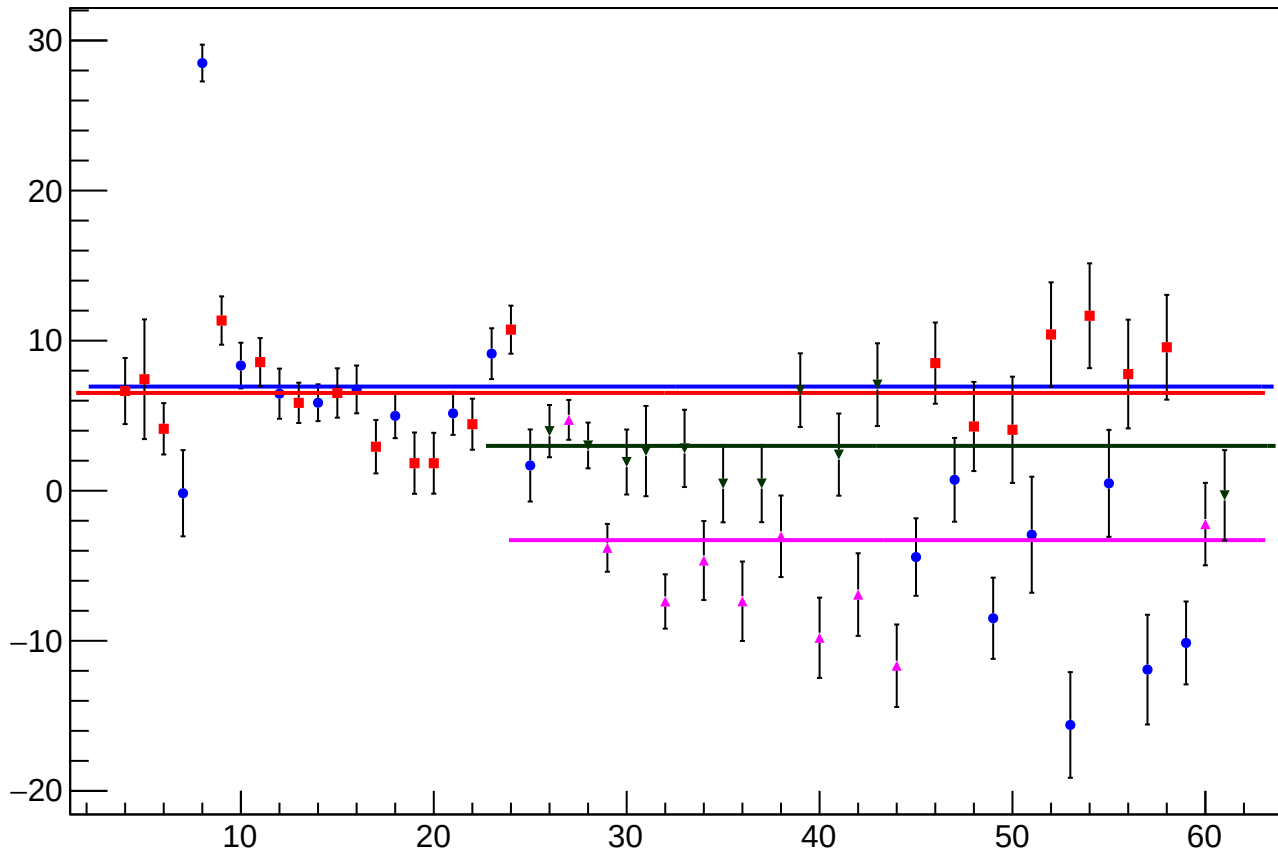
13145.272+/-2.334 χ^2/NDF : 2316027.8/28

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

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: 2.988 ± 0.694 χ^2/NDF : 8.2/10

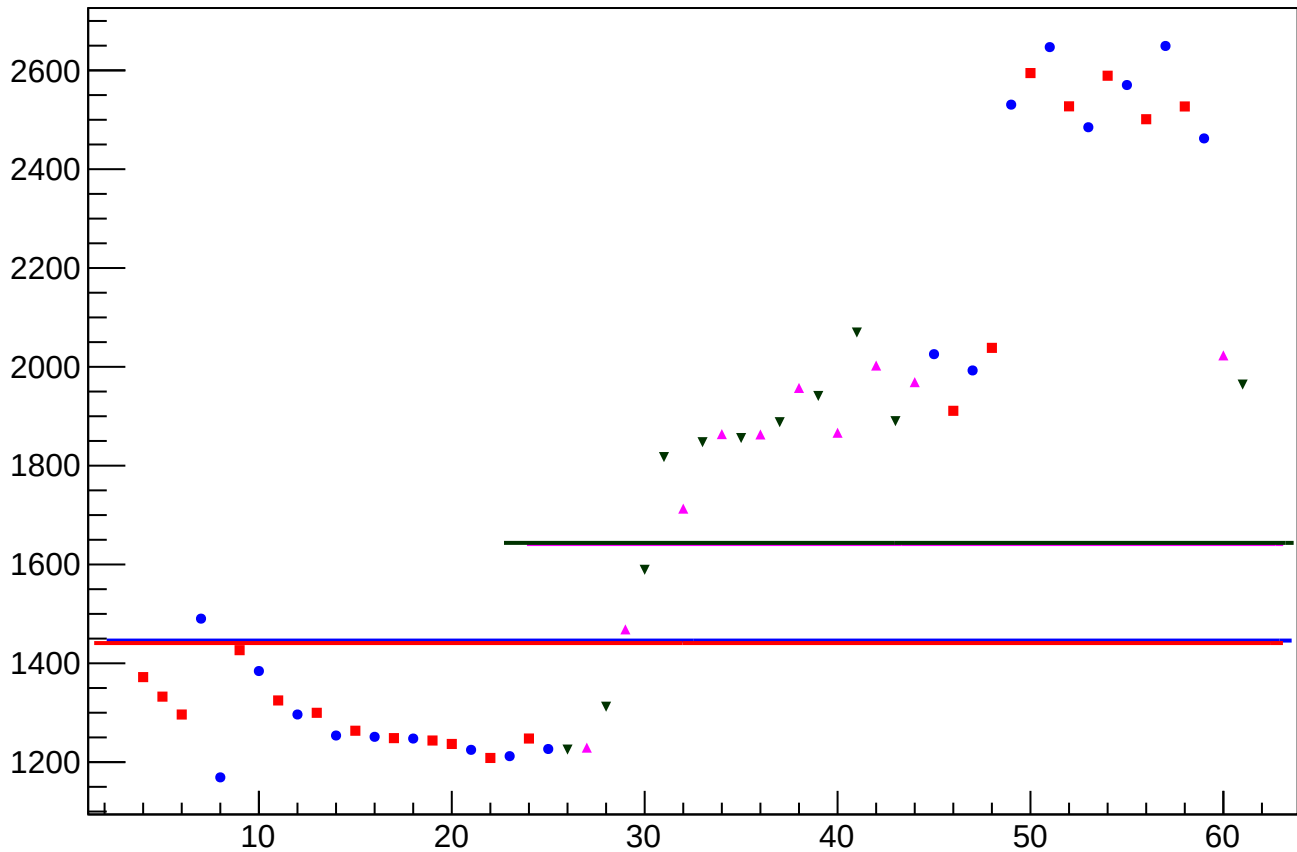
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

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

5.770 ± 0.377 χ^2/NDF : 530.6/28

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

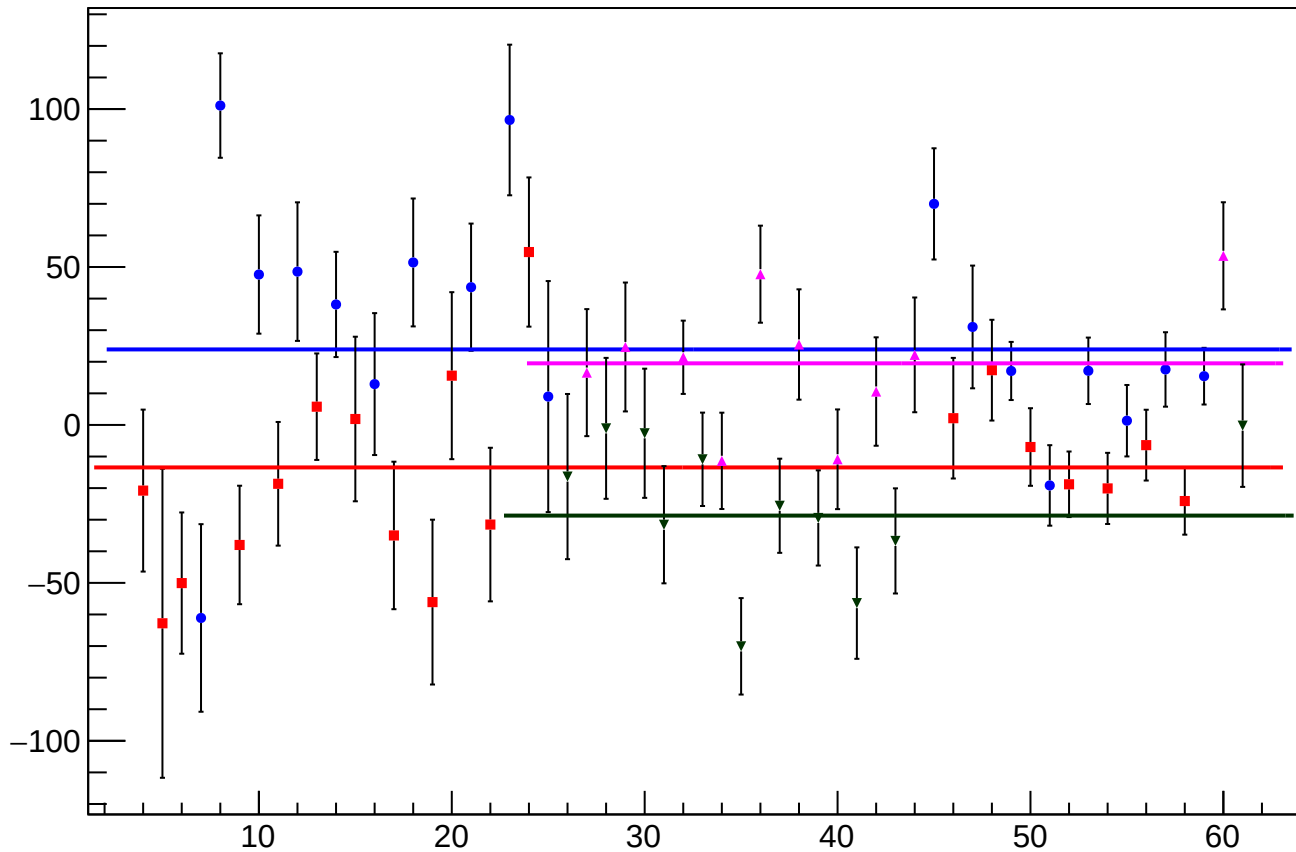
1504.497+/-0.267 χ^2/NDF : 2384411.1/28

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

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

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

diff_bpm0l08X_mean vs slug



Right In: 23.908 $\pm$ 3.470 χ^2 /NDF: 70.6/17

Left Out: -28.698 $\pm$ 5.269 χ^2 /NDF: 17.1/10

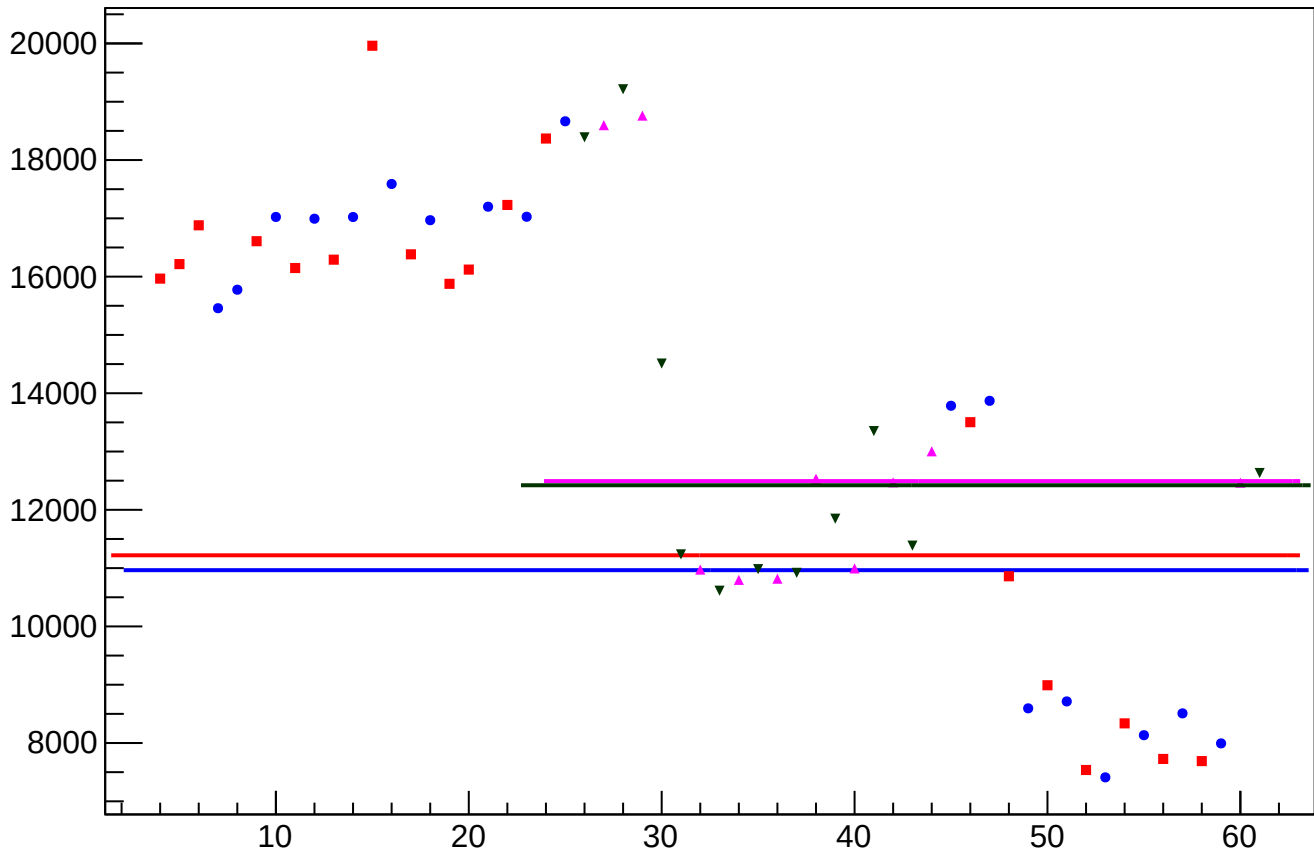
Right Out: -13.450 $\pm$ 3.783 χ^2 /NDF: 27.5/18

Left In: 19.505 $\pm$ 5.127 χ^2 /NDF: 15.7/9

7.993 $\pm$ 2.898 χ^2 /NDF: 157.3/28

-1.833 $\pm$ 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: 12421.417+/-3.726 χ^2/NDF : 403124.3/10

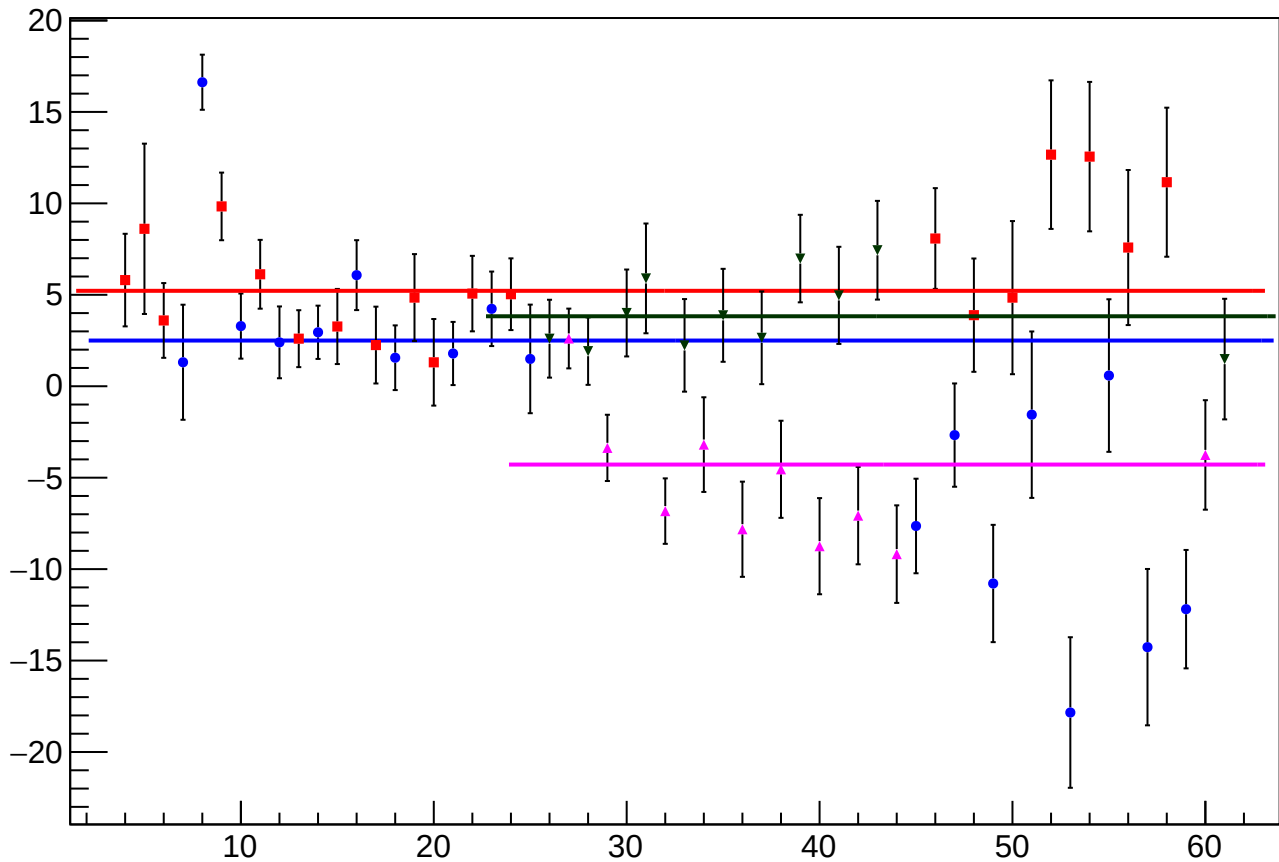
11405.432+/-2.049 χ^2/NDF : 3060593.7/28

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

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

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

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.826 $\pm$ 0.742 χ^2 /NDF: 6.7/10

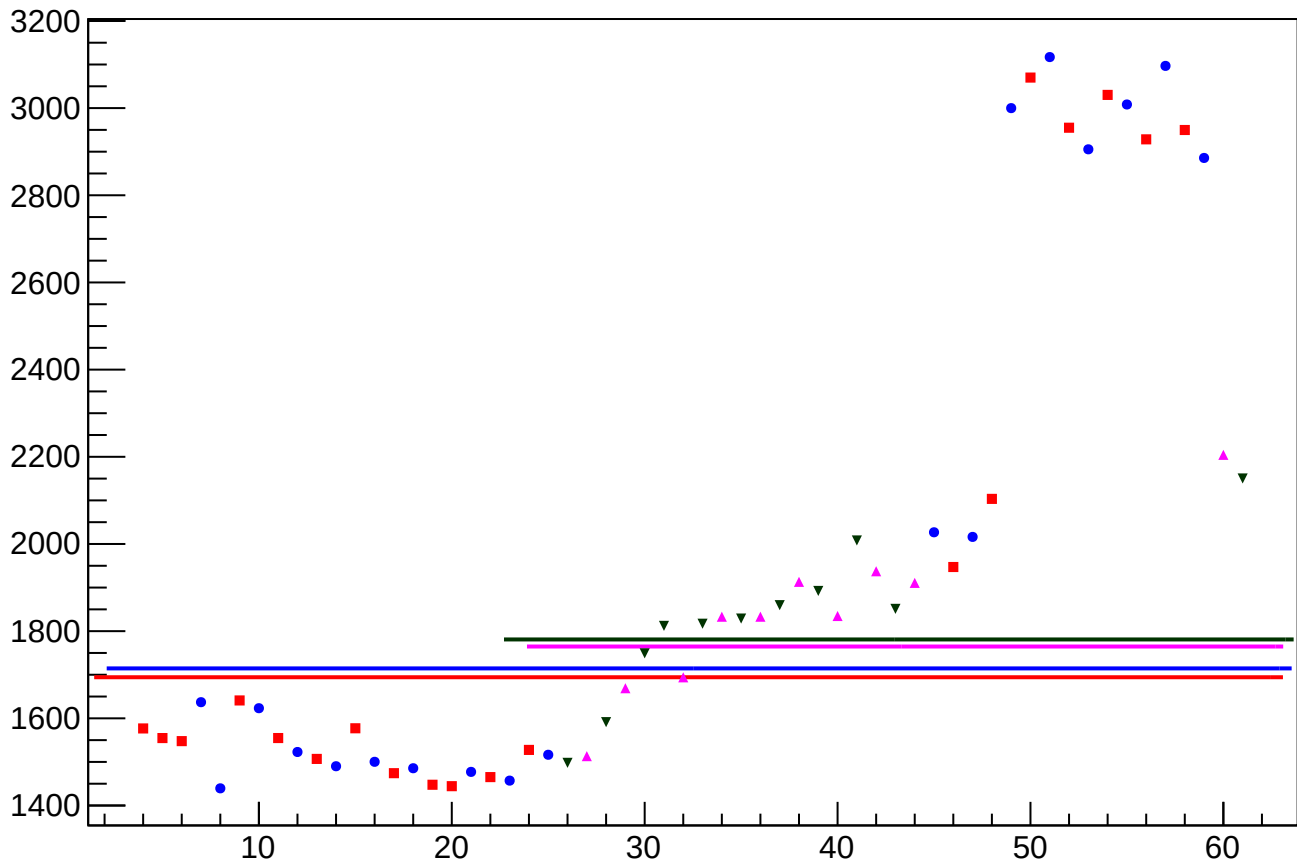
Right Out: 5.218 $\pm$ 0.553 χ^2 /NDF: 26.5/18

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

2.947 $\pm$ 0.431 χ^2 /NDF: 199.2/28

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

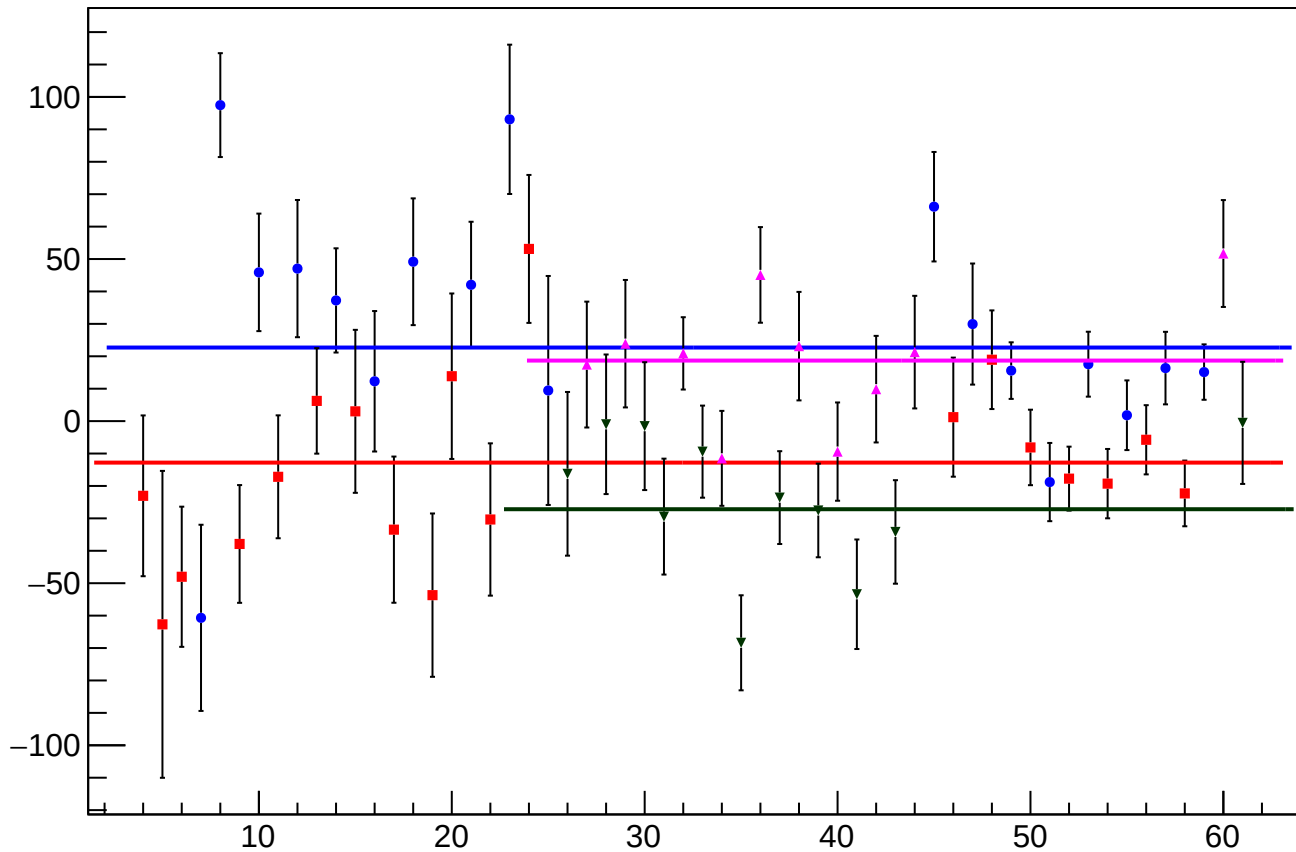
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

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

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

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

diff_bpm0l09X_mean vs slug



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

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

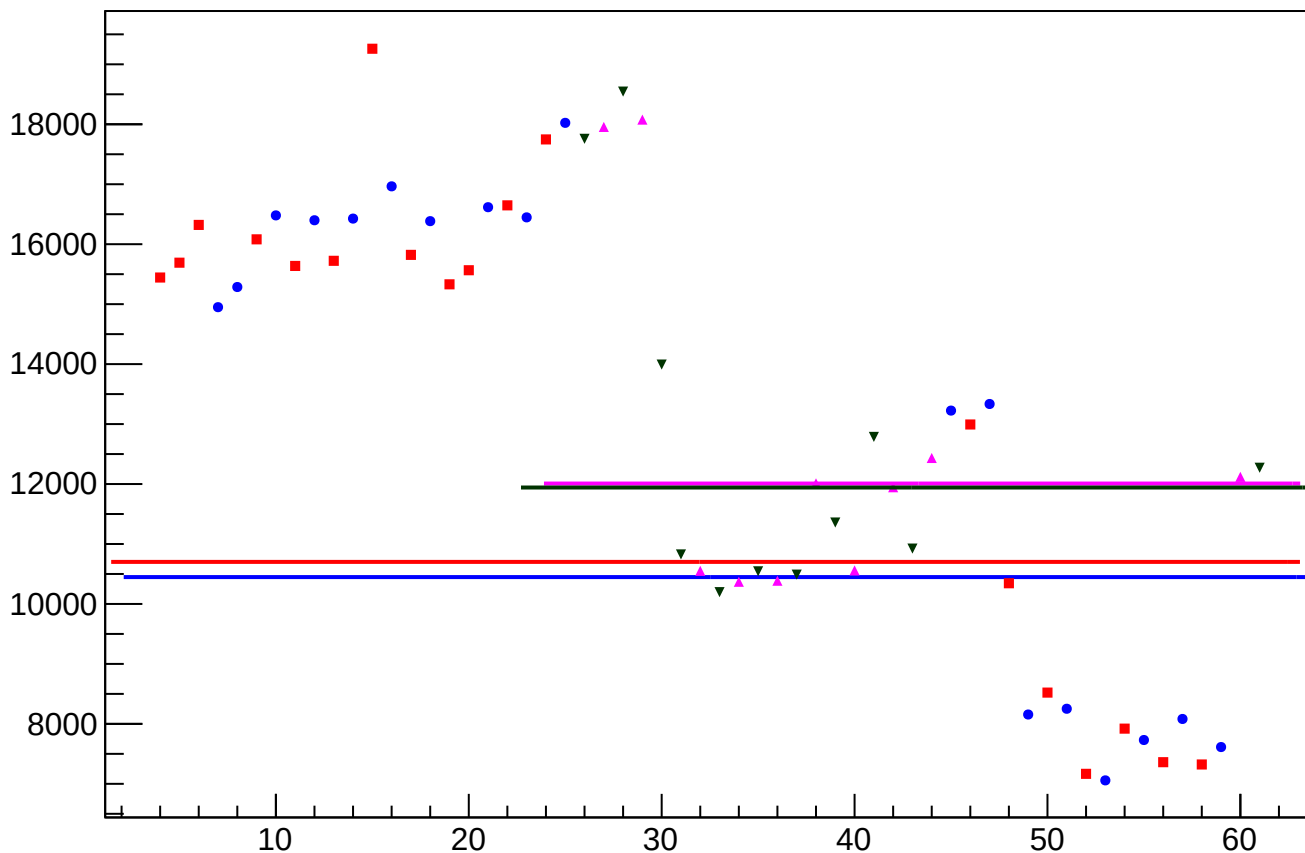
Right Out: -12.799 ± 3.618 $\chi^2/\text{NDF}: 28.2/18$

Left In: 18.677 ± 4.929 $\chi^2/\text{NDF}: 15.4/9$

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

-1.778 ± 2.917 $\chi^2/\text{NDF}: 70.0/28$

diff_bpm0l09X_rms vs slug



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

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

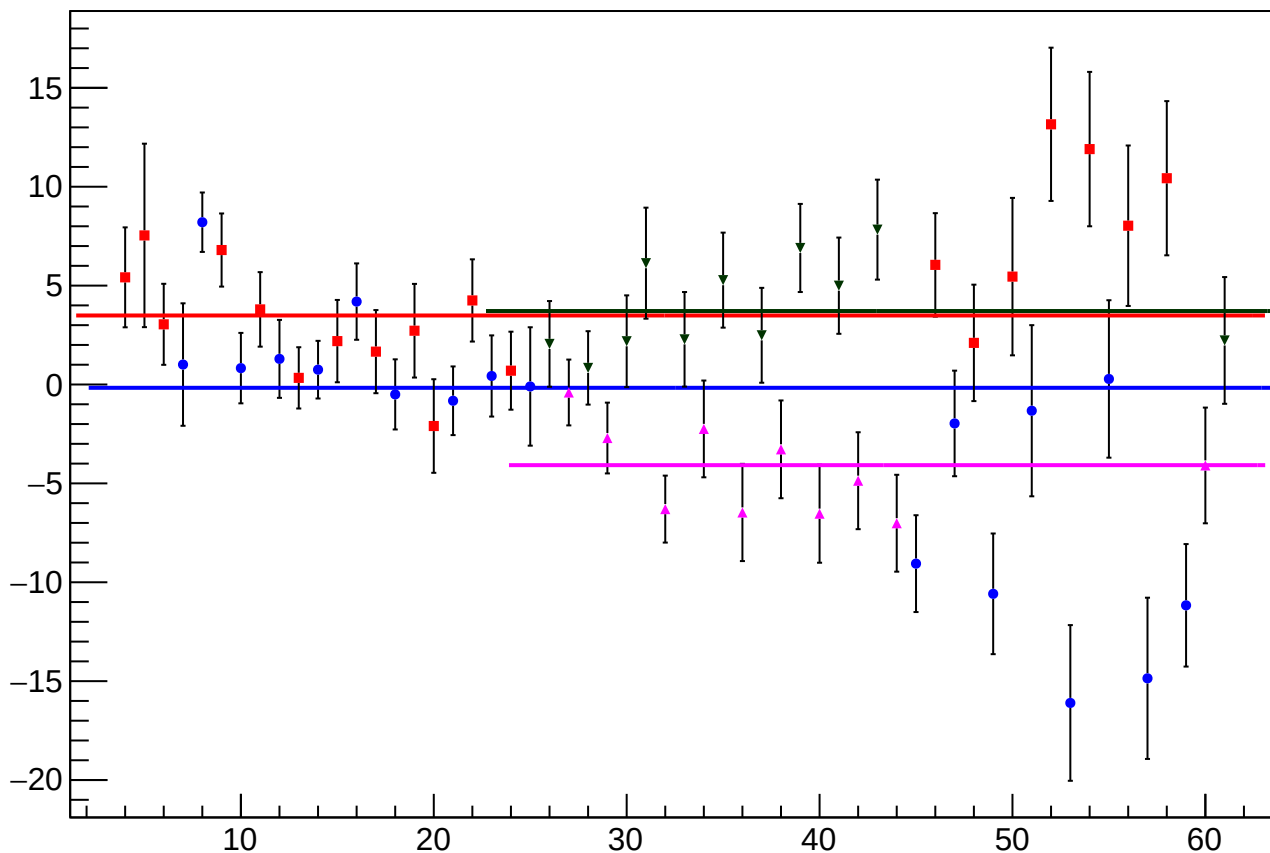
Right Out: 10701.460+/-2.558 χ^2/NDF : 2438498.5/18

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

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

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

diff_bpm0l09Y_mean vs slug



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

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

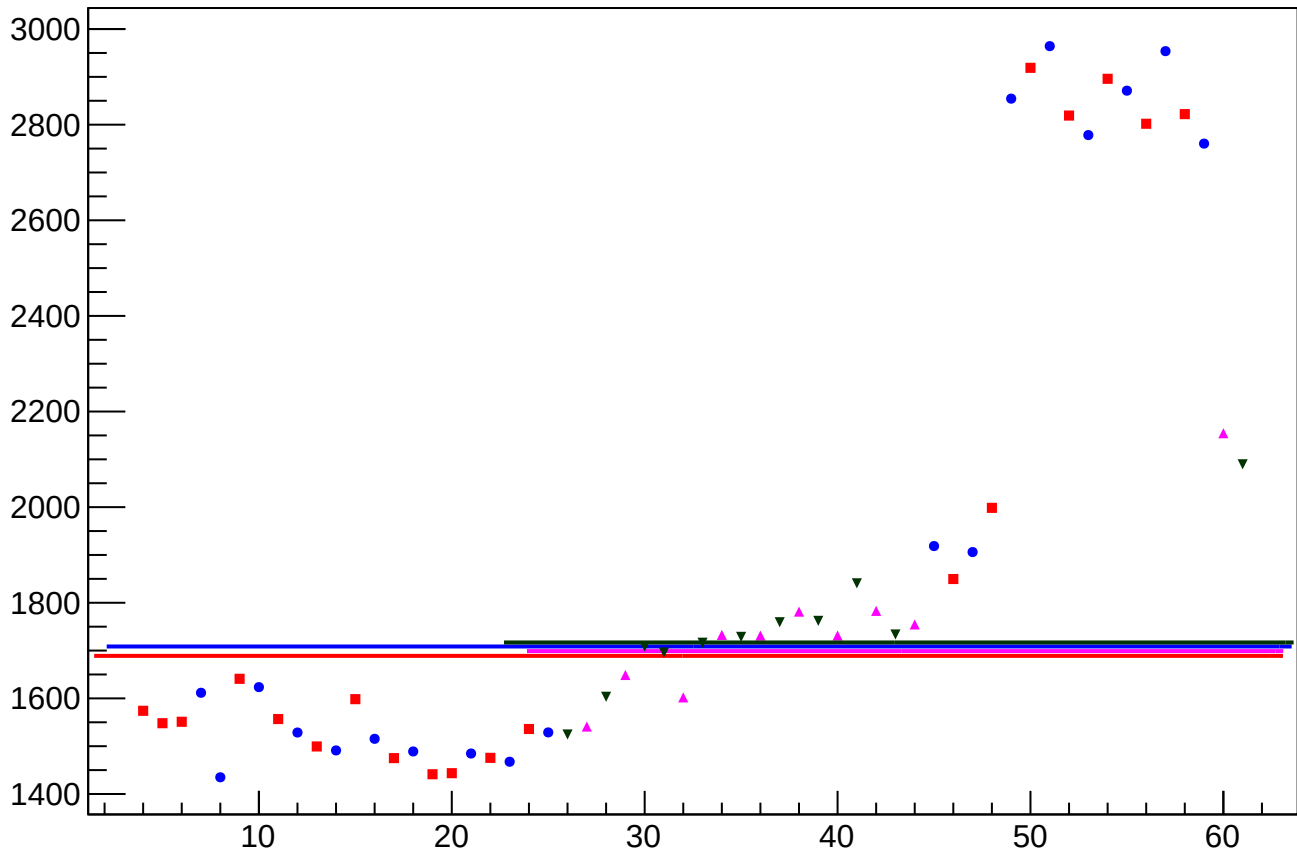
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

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

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

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

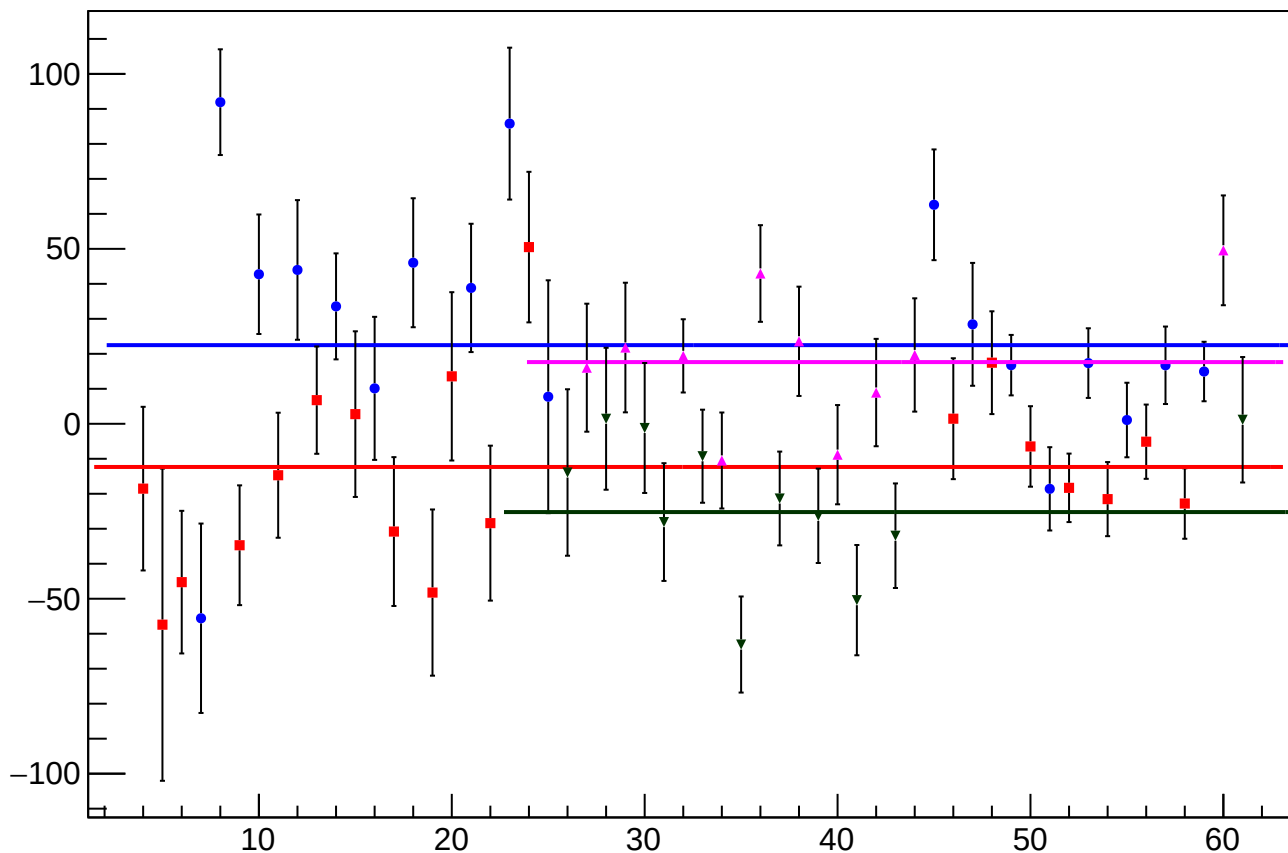
1711.521+/-0.299 χ^2/NDF : 1521987.3/28

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

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 χ^2/NDF : 68.3/17

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

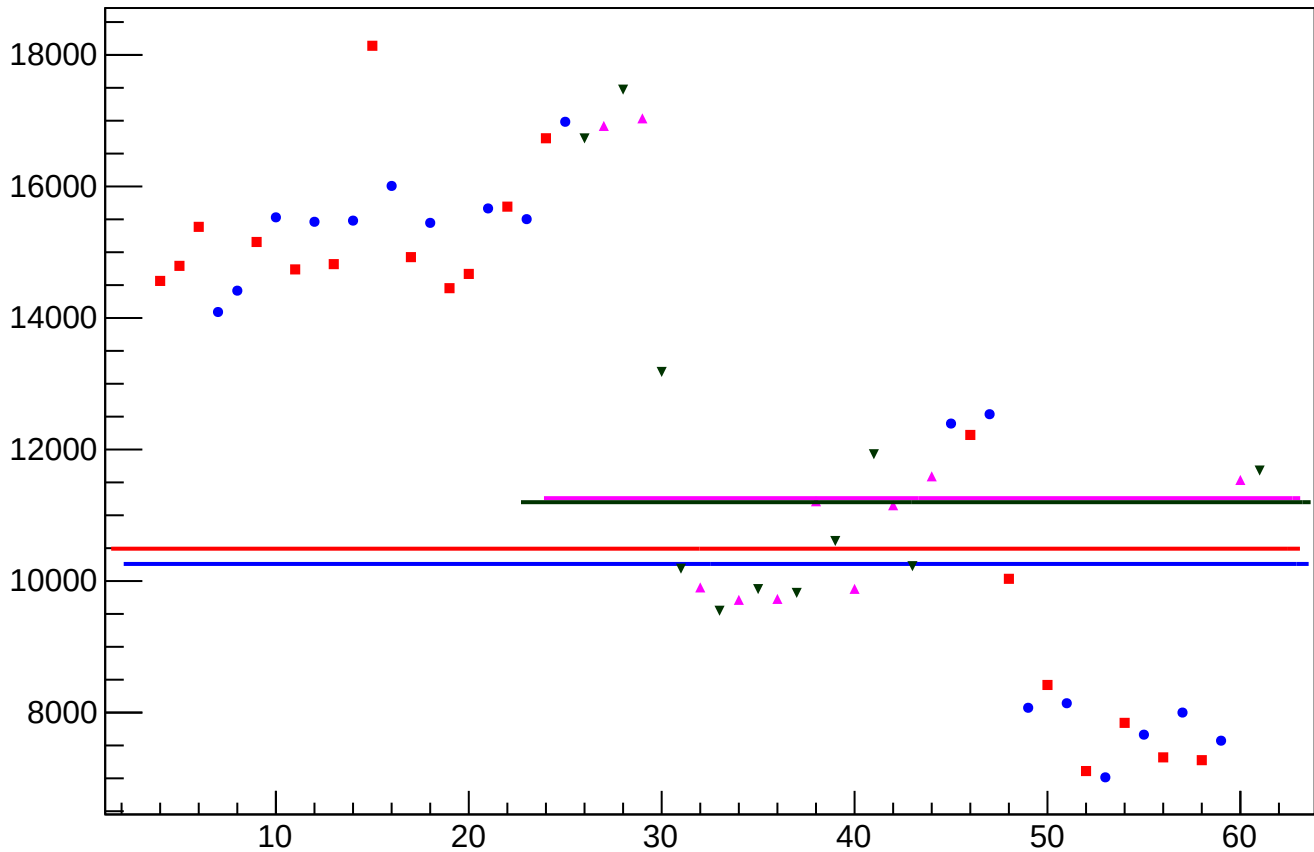
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 17.636 ± 4.624 χ^2/NDF : 15.8/9

7.421 ± 2.670 χ^2/NDF : 154.9/28

-1.356 ± 2.799 χ^2/NDF : 70.7/28

diff_bpm0l10X_rms vs slug



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

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

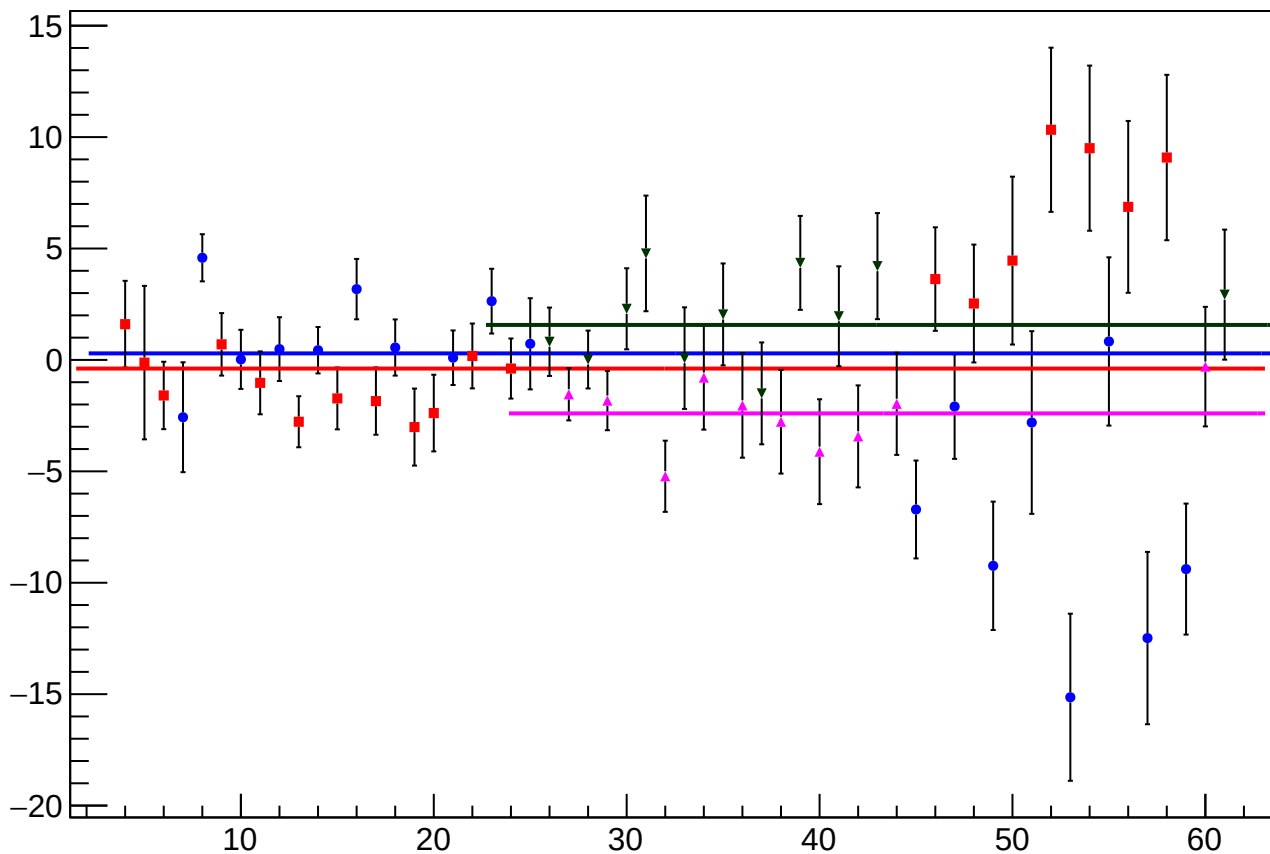
10556.521+/-1.888 χ^2/NDF : 2791347.2/28

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

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

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

diff_bpm0l10Y_mean vs slug



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

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

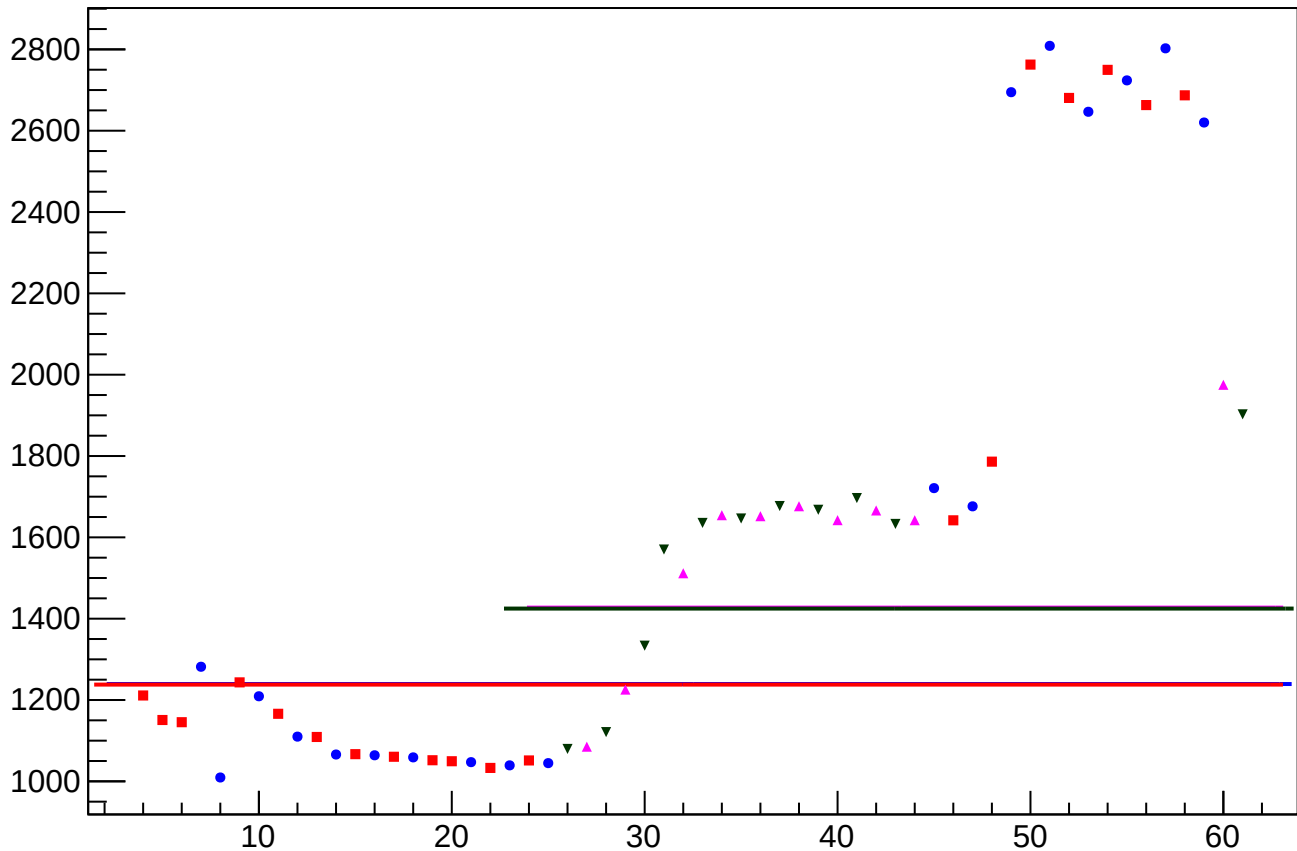
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

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

0.675 ± 0.329 χ^2/NDF : 98.6/28

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

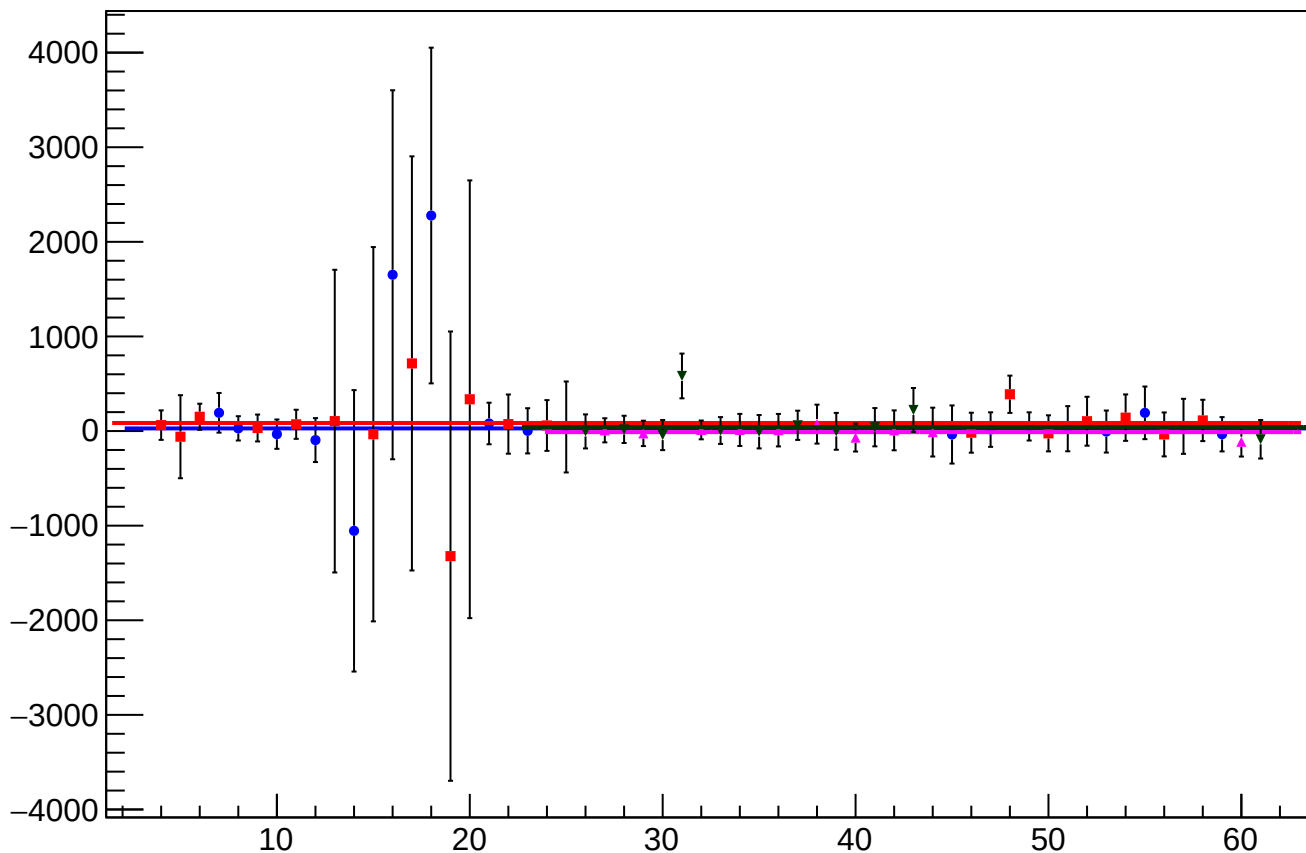
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

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

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

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: 42.534+/-53.183 χ^2/NDF : 6.8/10

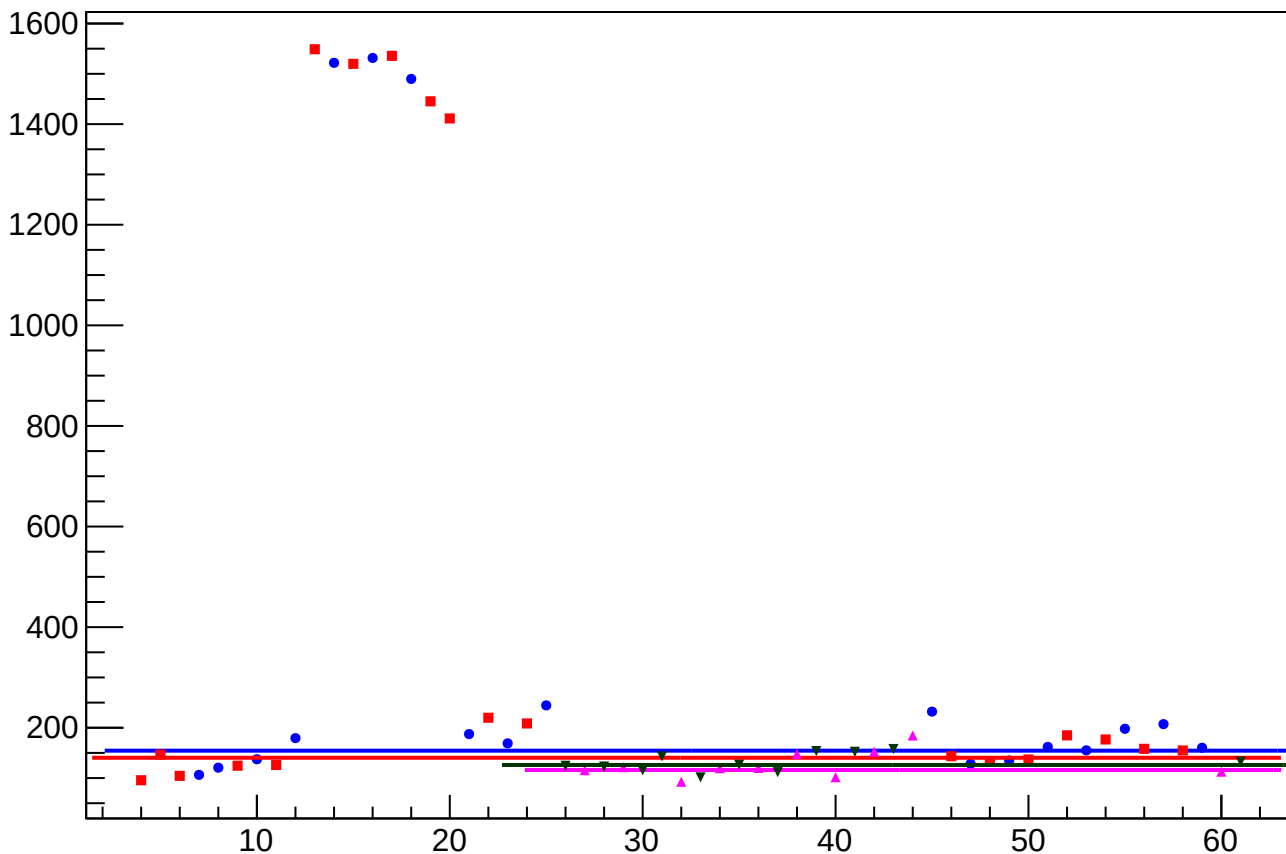
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

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

35.081+/-37.289 χ^2/NDF : 11.4/28

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: 126.015+/-0.038 χ^2/NDF : 211329.0/10

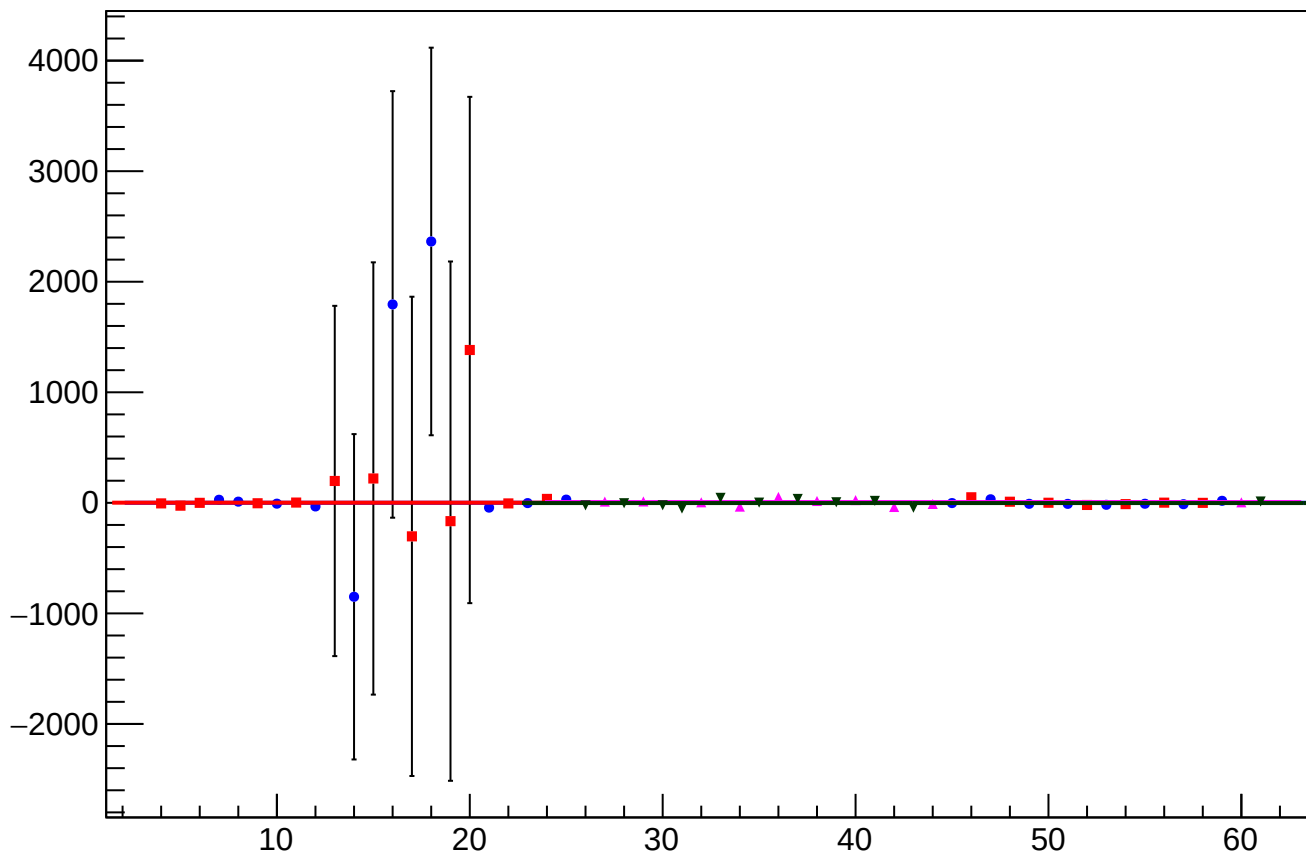
140.473+/-0.026 χ^2/NDF : 5058763.1/28

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: -1.912+/-6.986 χ^2/NDF :15.1/10

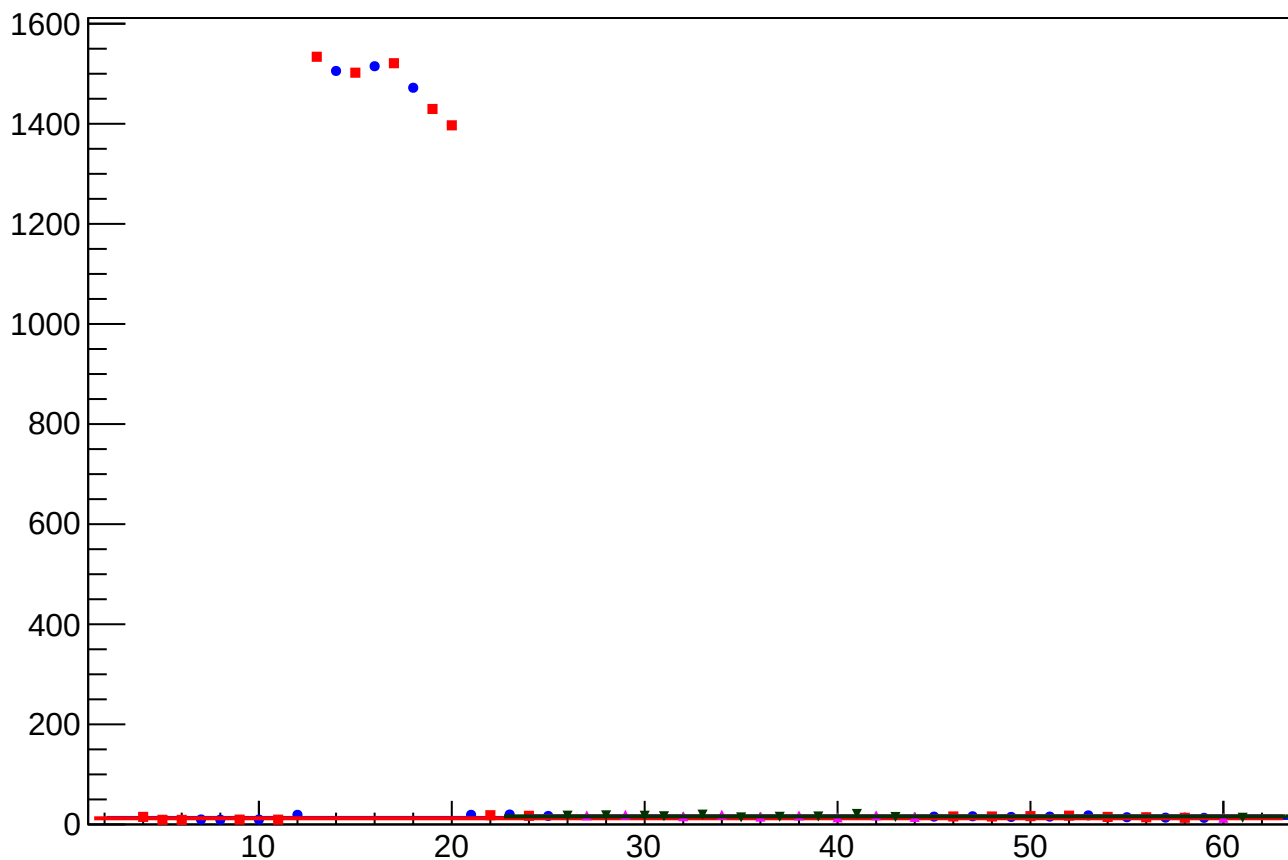
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

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

-0.176+/-3.850 χ^2/NDF : 31.7/28

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: 16.208+/-0.005 χ^2/NDF : 177253.0/10

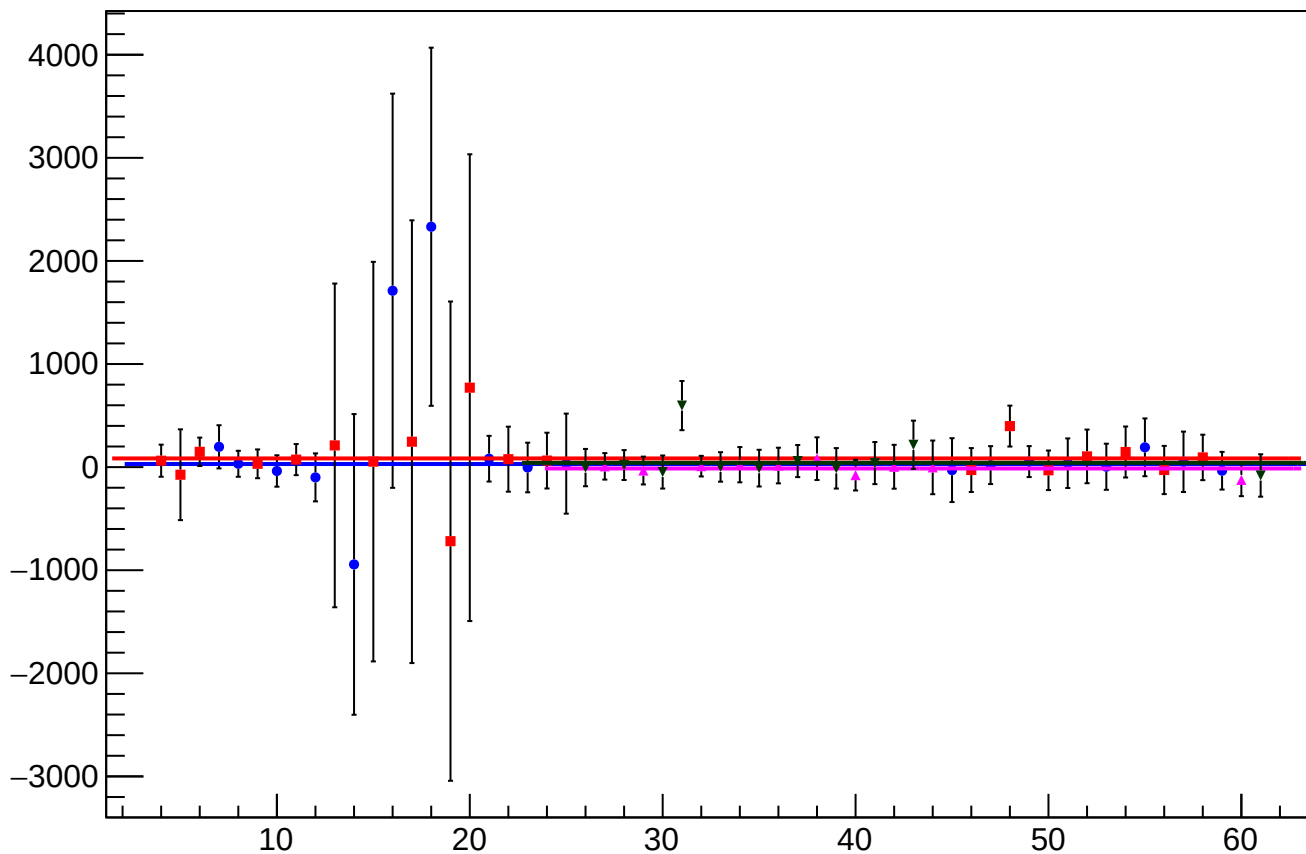
Right Out: 12.312+/-0.003 χ^2/NDF : 6373010.7/18

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

13.984+/-0.003 χ^2/NDF : 6164123.0/28

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: 41.201+/-53.602 χ^2/NDF : 7.0/10

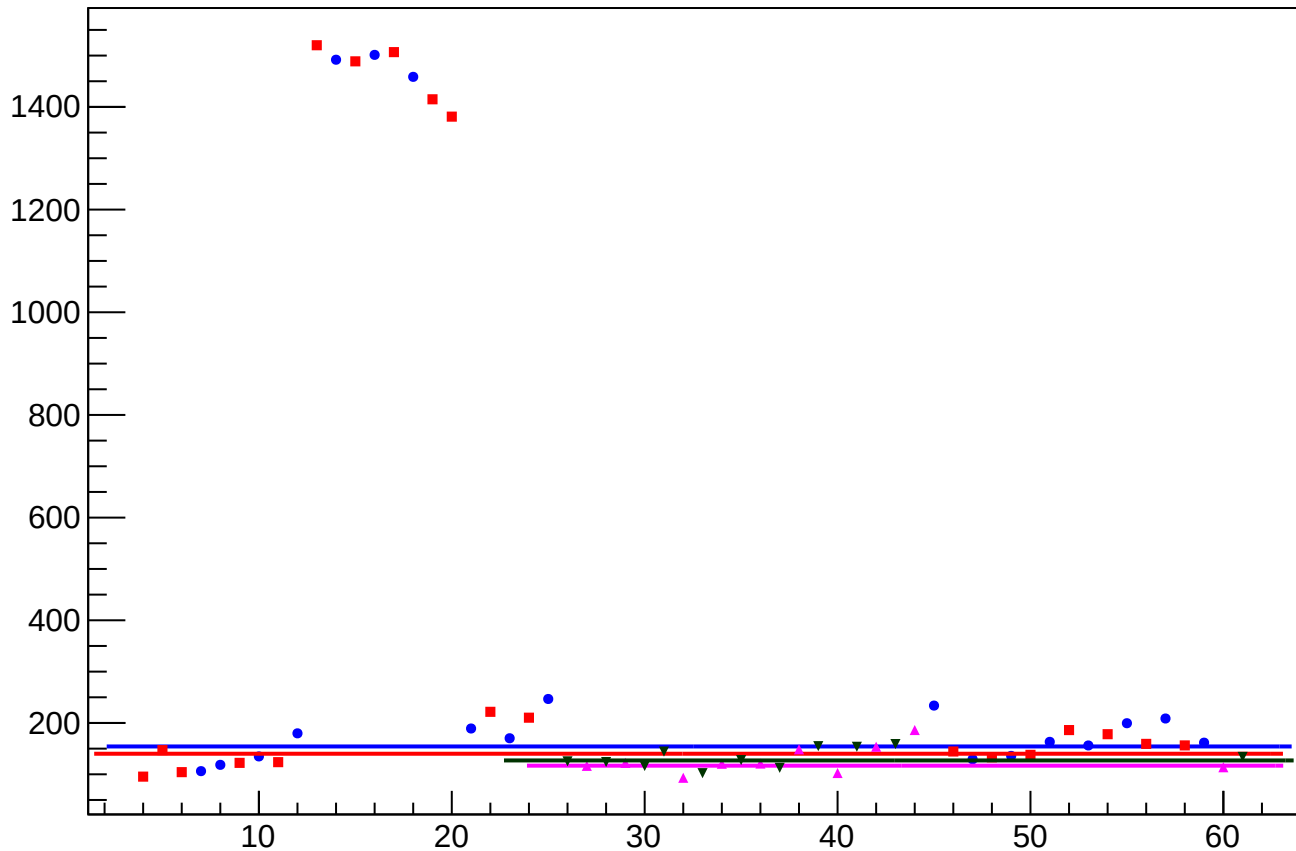
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

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

35.465+/-37.421 χ^2/NDF : 11.7/28

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+/-0.037 χ^2/NDF : 4584859.8/17

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

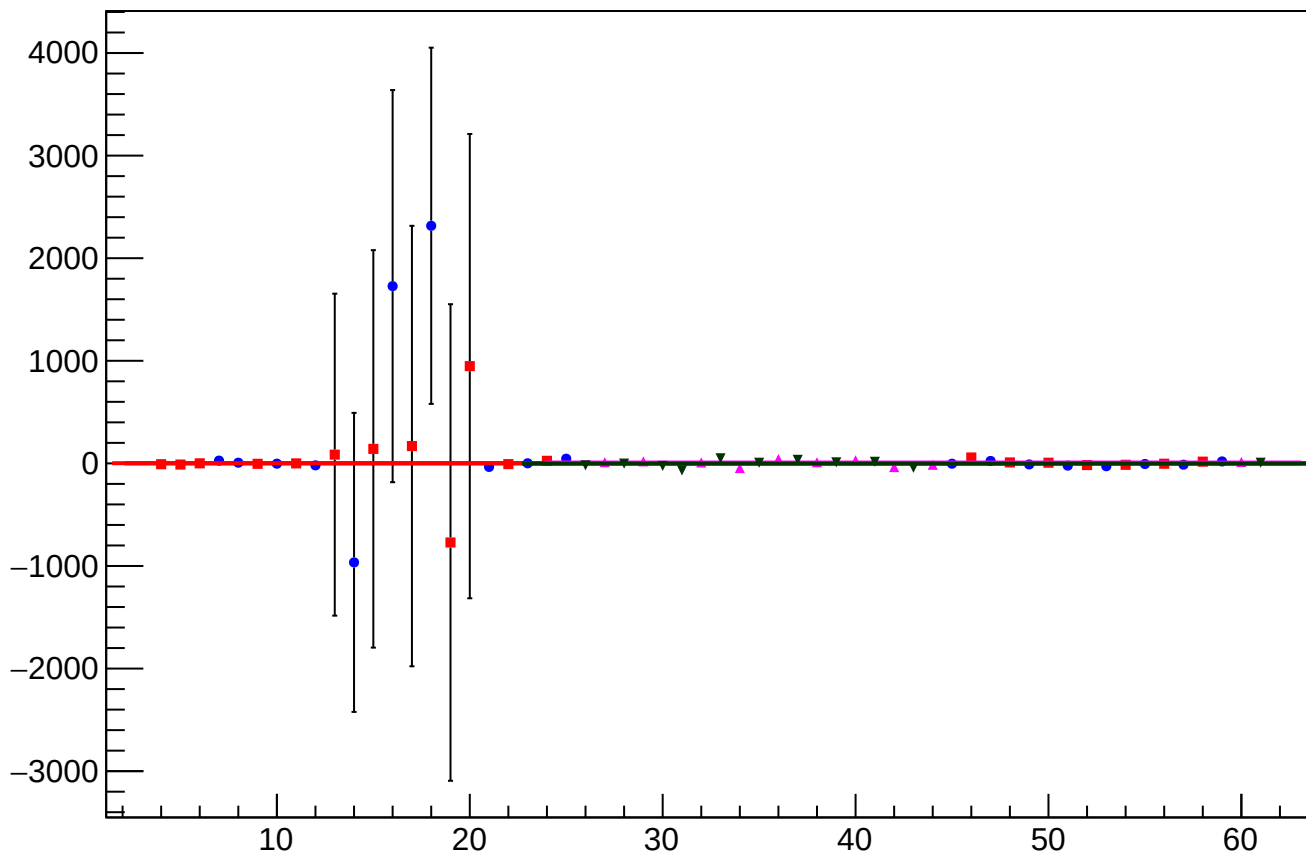
140.962+/-0.026 χ^2/NDF : 5061099.4/28

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

127.485+/-0.025 χ^2/NDF : 5887872.4/28

Left In: 116.823+/-0.034 χ^2/NDF : 385565.6/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.652 ± 4.315 χ^2/NDF : 16.0/17

Left Out: -2.165 ± 6.809 χ^2/NDF : 18.4/10

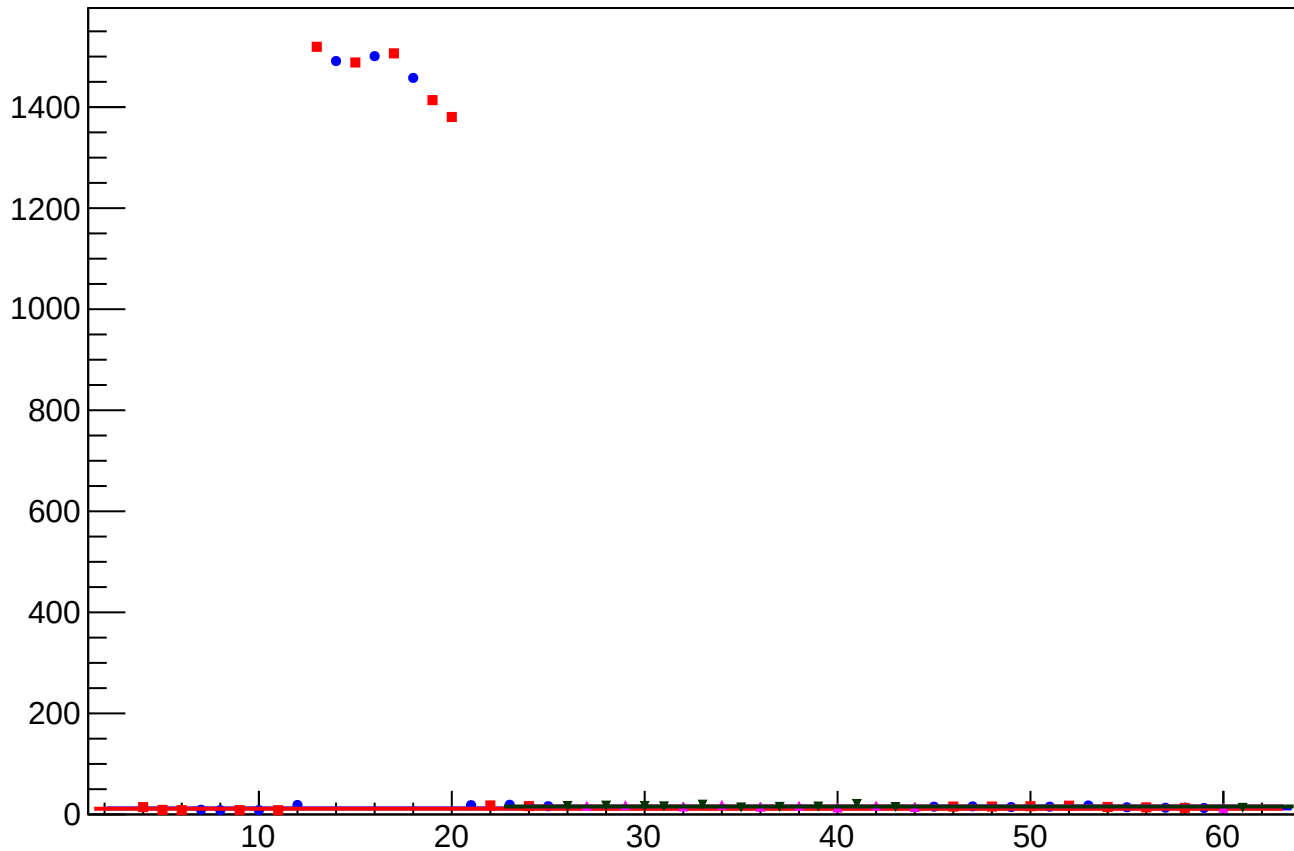
Right Out: 1.782 ± 4.470 χ^2/NDF : 10.1/18

Left In: 8.589 ± 6.719 χ^2/NDF : 11.4/9

-0.155 ± 3.645 χ^2/NDF : 34.5/28

3.870 ± 3.722 χ^2/NDF : 22.3/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



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

Left Out: 15.774+/-0.005 χ^2/NDF :171070.9/10

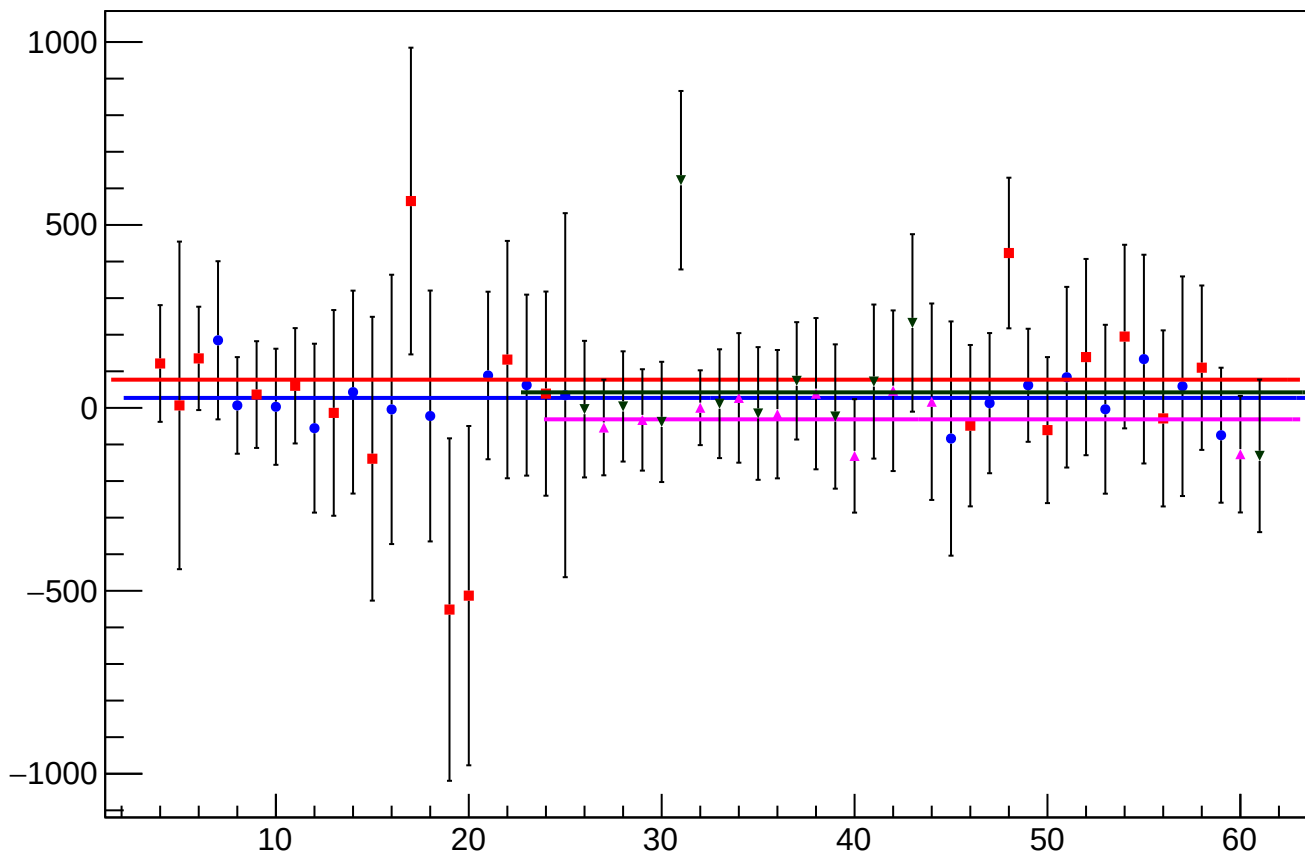
13.091+/-0.003 χ^2/NDF : 6667794.5/28

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

12.789+/-0.003 χ^2/NDF : 7476941.2/28

Left In: 16.015+/-0.005 χ^2/NDF :165769.9/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: 42.467+/-55.102 χ^2/NDF : 7.6/10

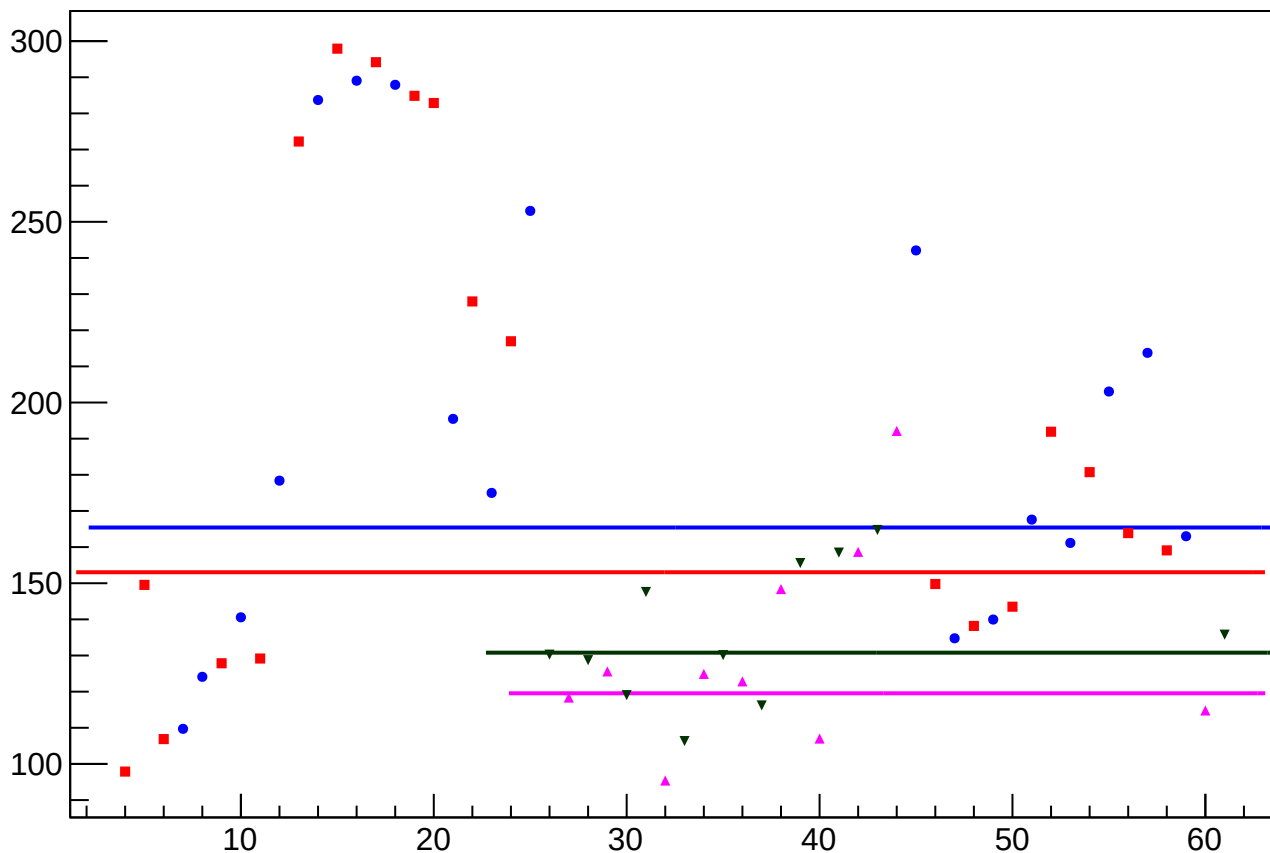
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

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

34.378+/-37.748 χ^2/NDF : 9.2/28

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+/-0.037 χ^2/NDF : 1636400.3/17

Left Out: 130.786+/-0.039 χ^2/NDF :197356.9/10

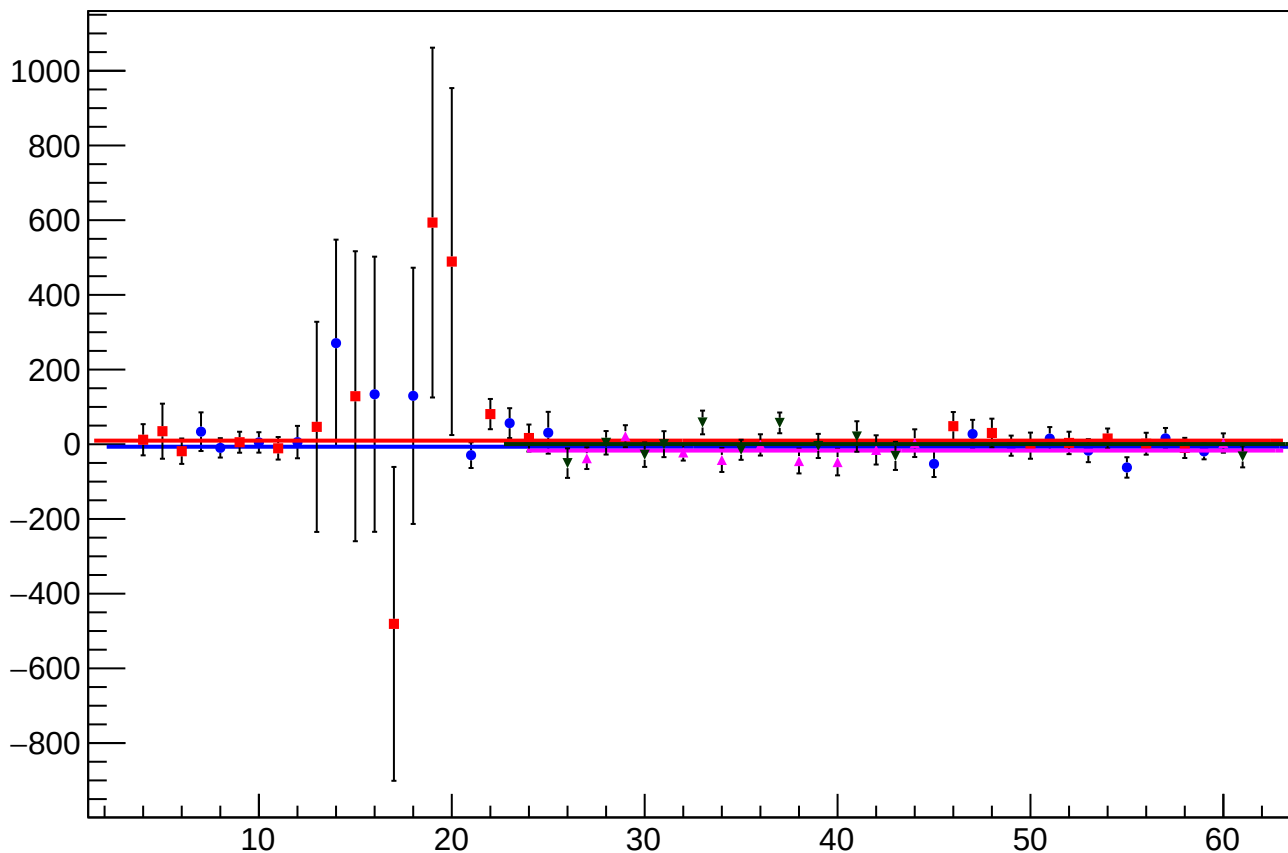
149.166+/-0.027 χ^2/NDF : 2253066.2/28

Right Out: 153.039+/-0.037 χ^2/NDF : 2037868.3/18

135.538+/-0.025 χ^2/NDF : 2858225.9/28

Left In: 119.547+/-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: 0.560+/-9.749 χ^2/NDF :12.5/10

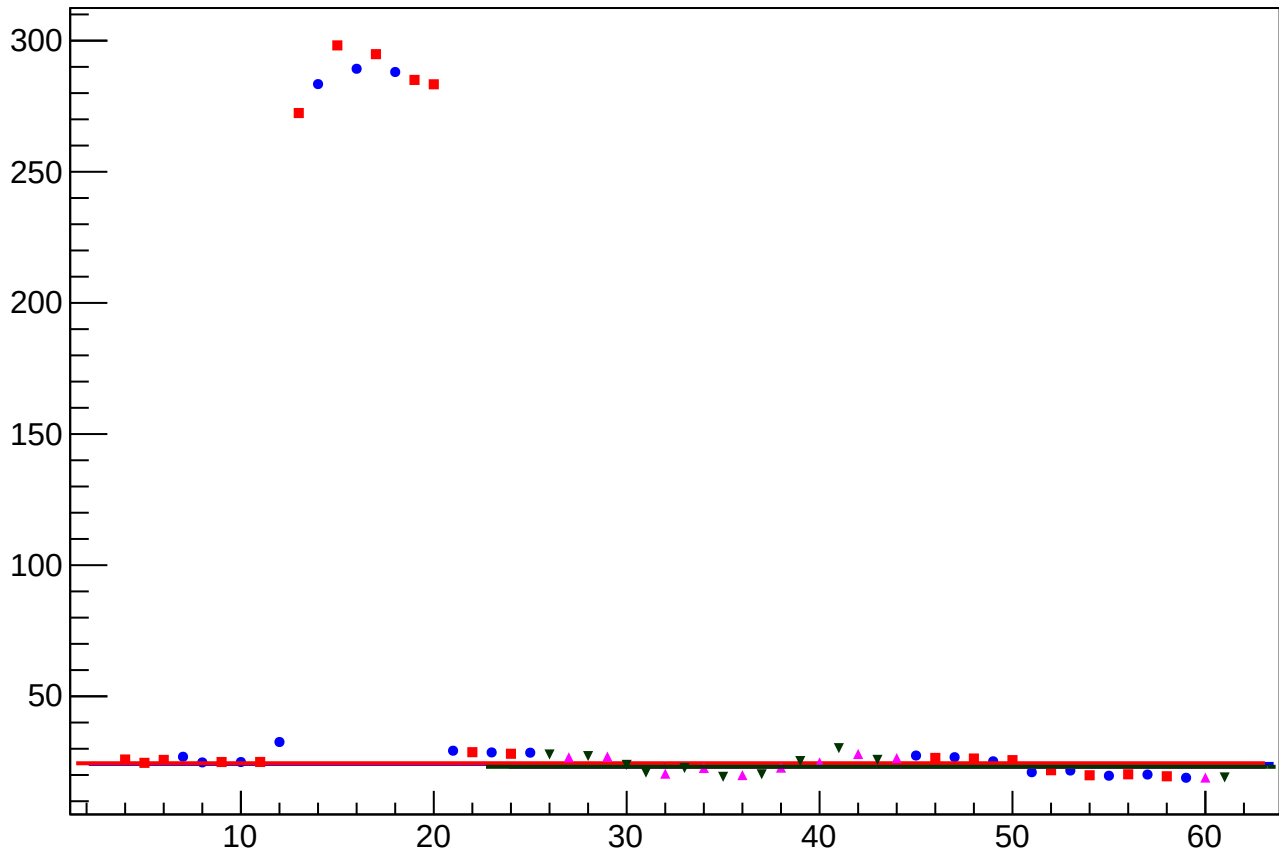
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

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

-3.673+/-6.214 χ^2/NDF : 26.6/28

-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: 23.121+/-0.007 χ^2/NDF : 250741.7/10

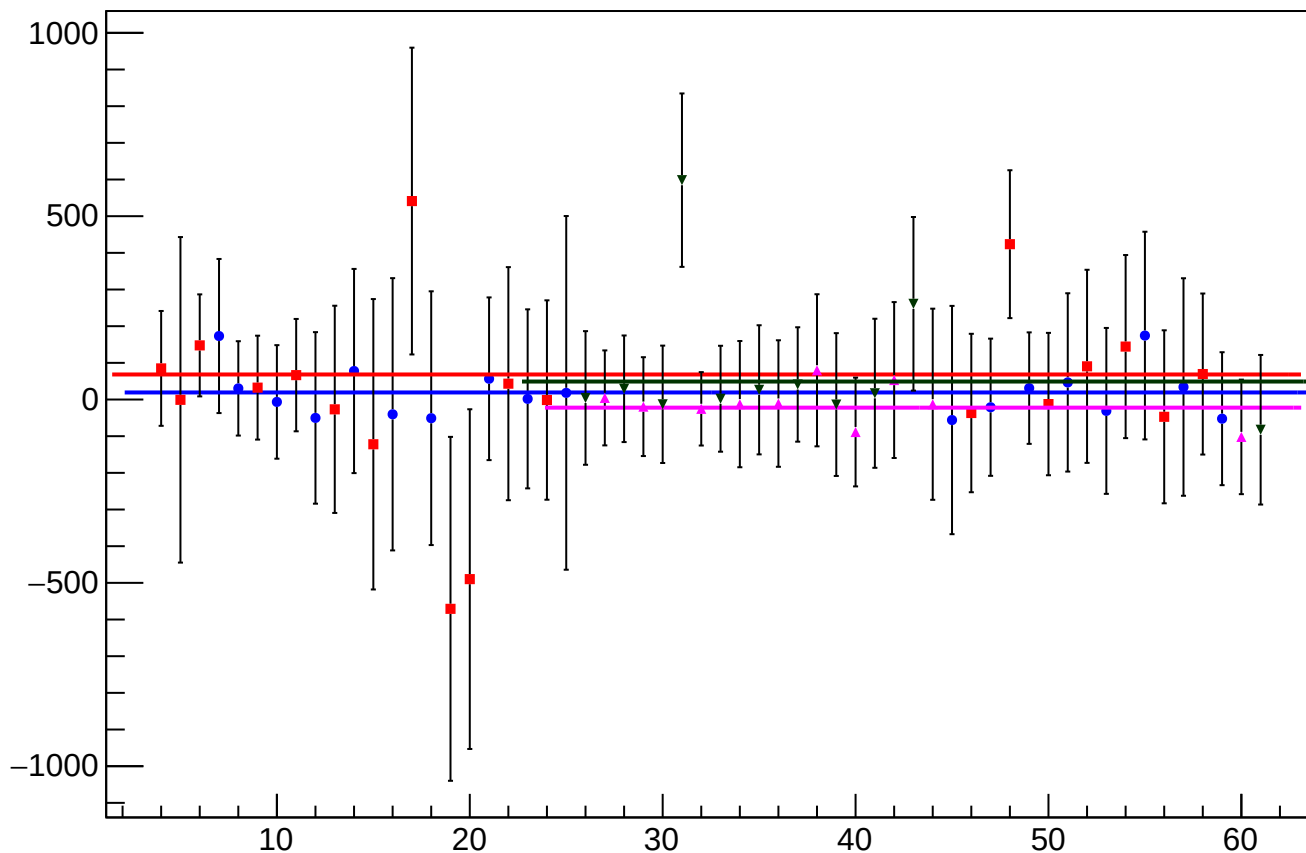
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

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

23.777+/-0.004 χ^2/NDF : 4679028.7/28

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: 49.056+/-53.600 χ^2/NDF : 7.1/10

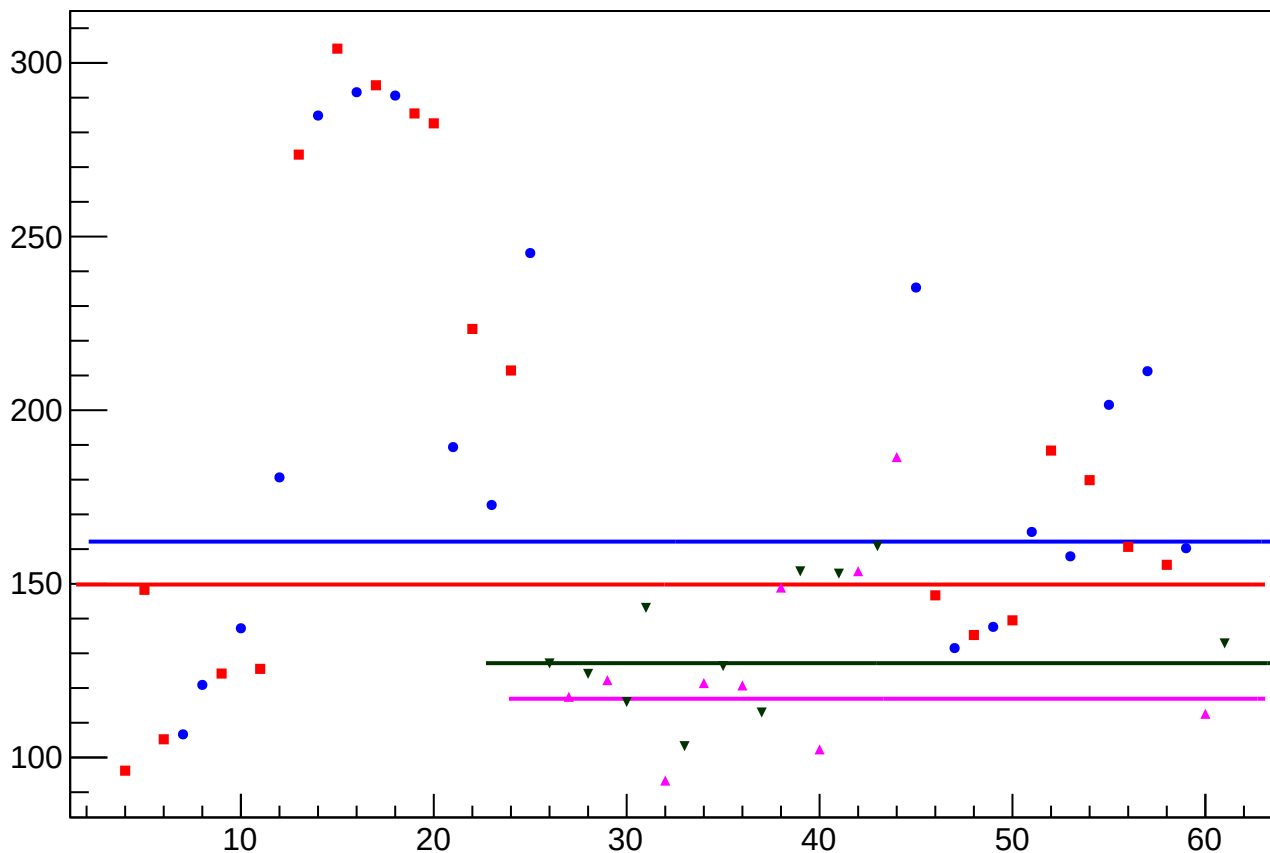
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

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

33.394+/-36.914 χ^2/NDF : 8.7/28

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 $\pm$ 0.036 χ^2 /NDF: 1720612.8/17

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

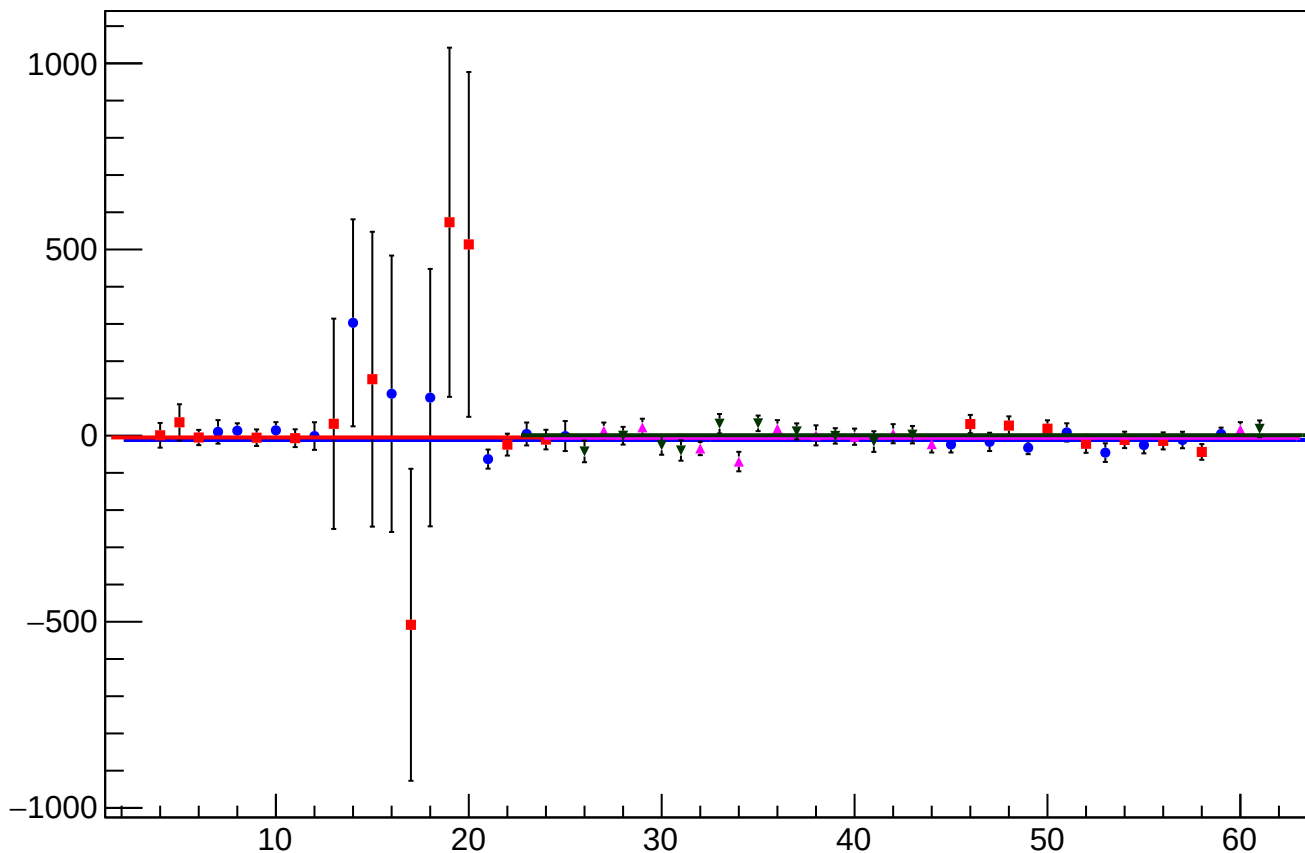
Right Out: 149.803 $\pm$ 0.036 χ^2 /NDF: 2114602.4/18

Left In: 116.913 $\pm$ 0.034 χ^2 /NDF: 387227.3/9

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

132.564 $\pm$ 0.025 χ^2 /NDF: 2942826.9/28

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: 1.097 $\pm$ 7.231 χ^2 /NDF:10.5/10

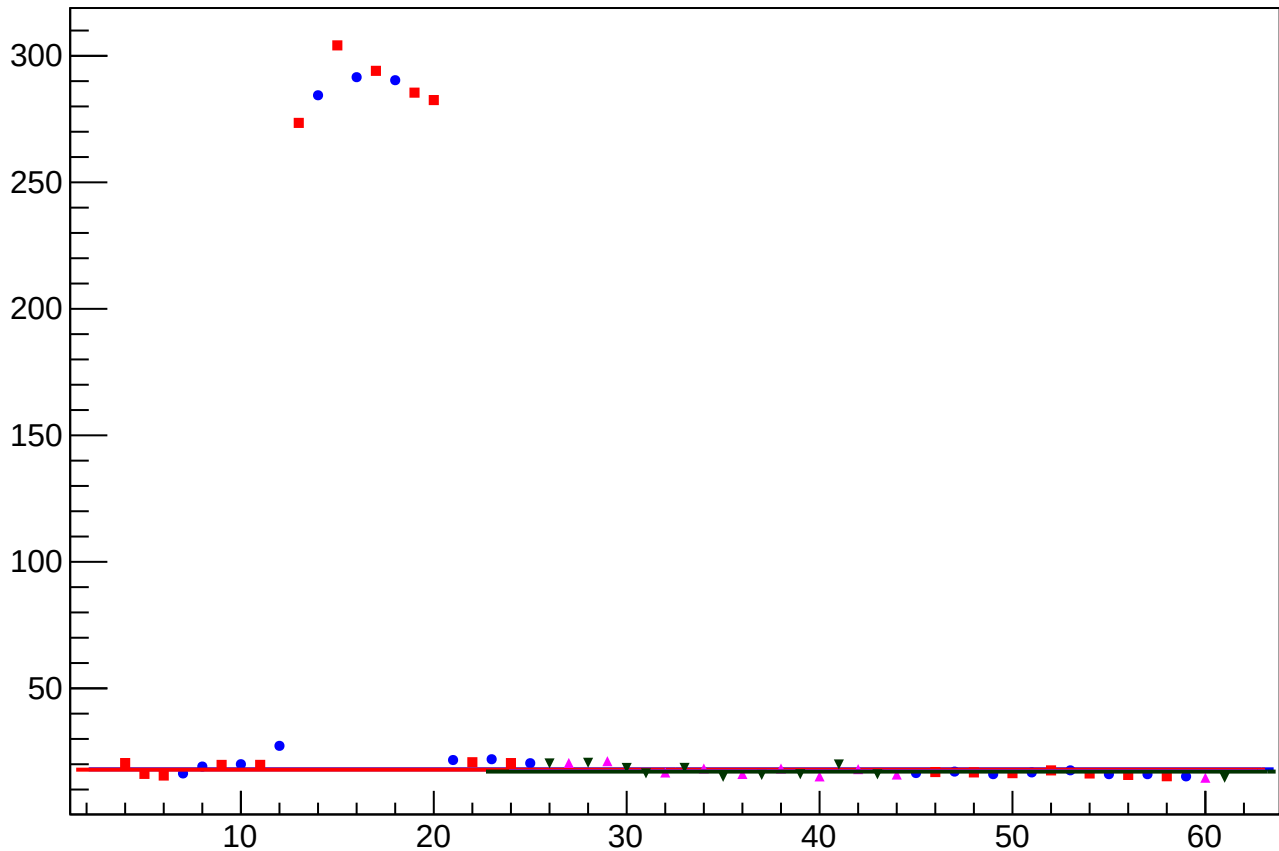
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

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

-6.453 $\pm$ 4.634 χ^2 /NDF: 27.4/28

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

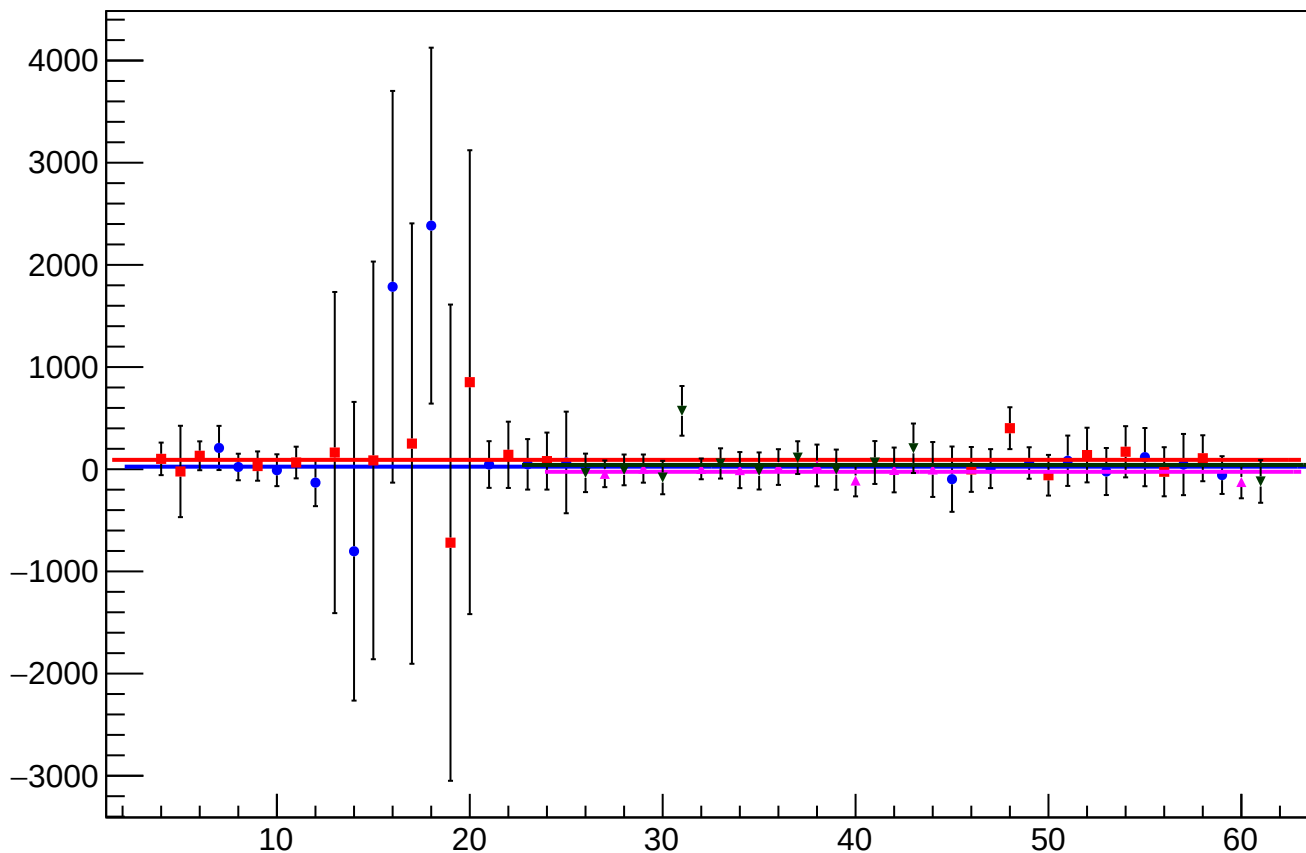
Right Out: 17.855+/-0.005 χ^2/NDF : 5034119.1/18

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

17.623+/-0.003 χ^2/NDF : 4705571.1/28

17.605+/-0.003 χ^2/NDF : 5214569.9/28

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 42.327+/-55.041 χ^2/NDF : 7.0/10

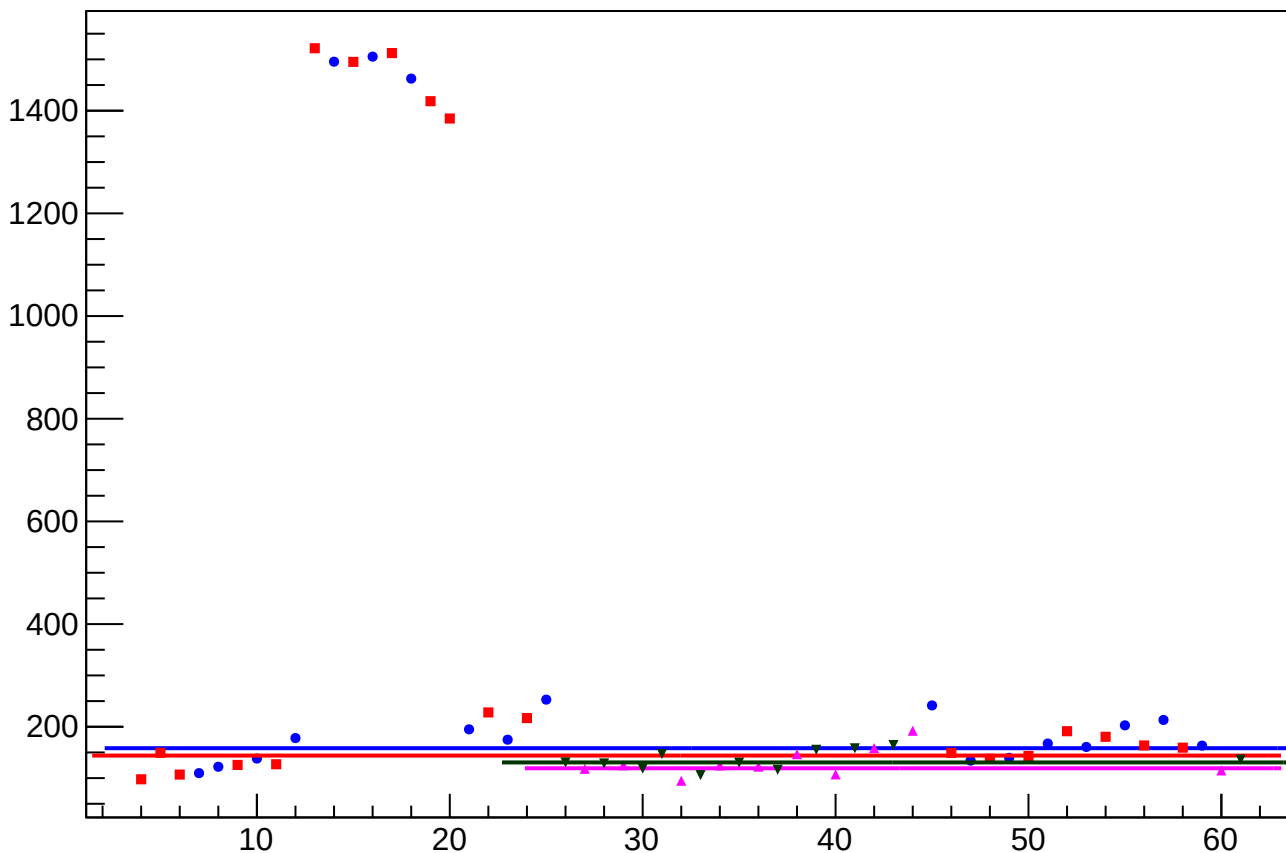
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -24.946+/-49.247 χ^2/NDF : 1.0/9

33.483+/-38.378 χ^2/NDF : 11.9/28

28.241+/-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: 130.549+/-0.039 χ^2/NDF :198571.0/10

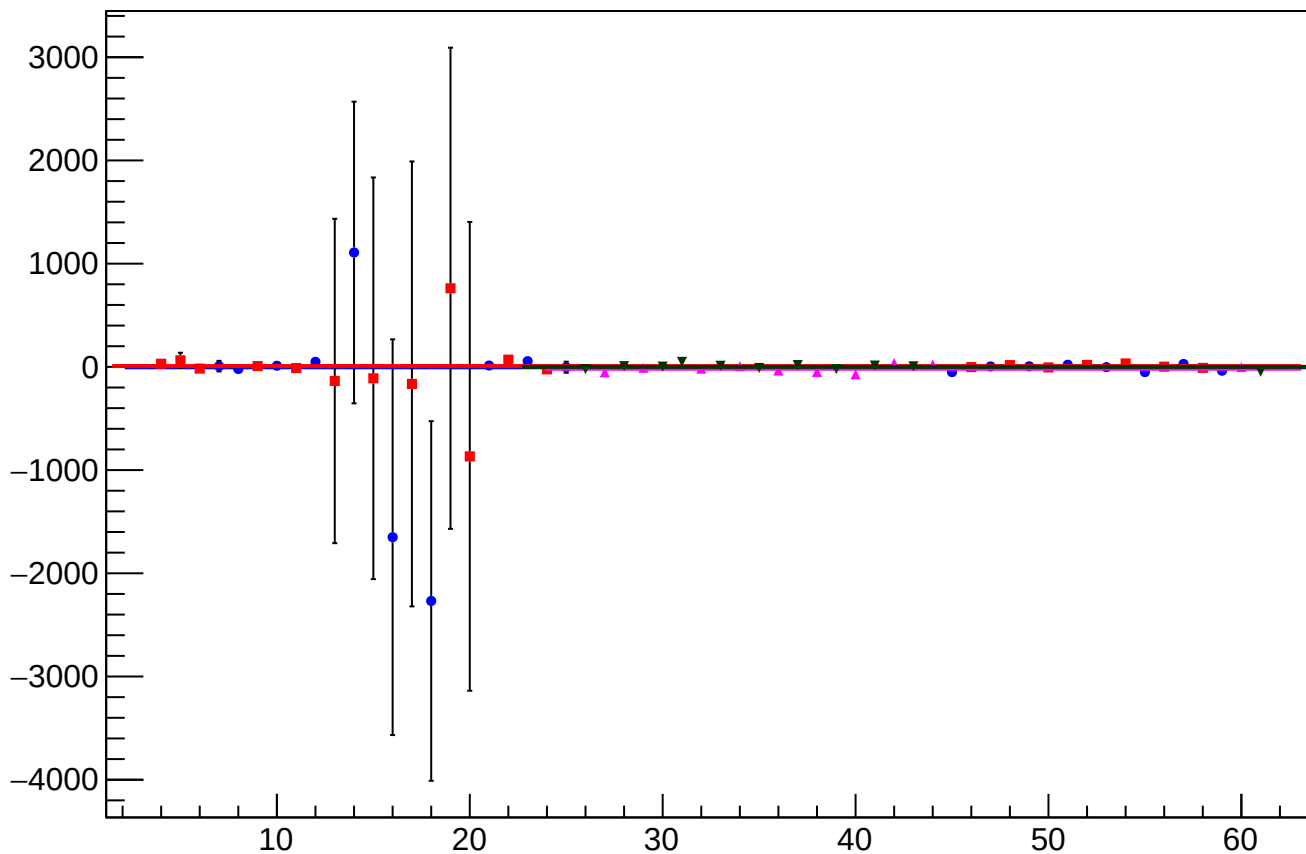
Right Out: 143.939+/-0.038 χ^2/NDF : 5267987.5/18

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

144.796+/-0.027 χ^2/NDF : 4998349.9/28

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: -0.209+/-9.277 χ^2/NDF : 6.6/10

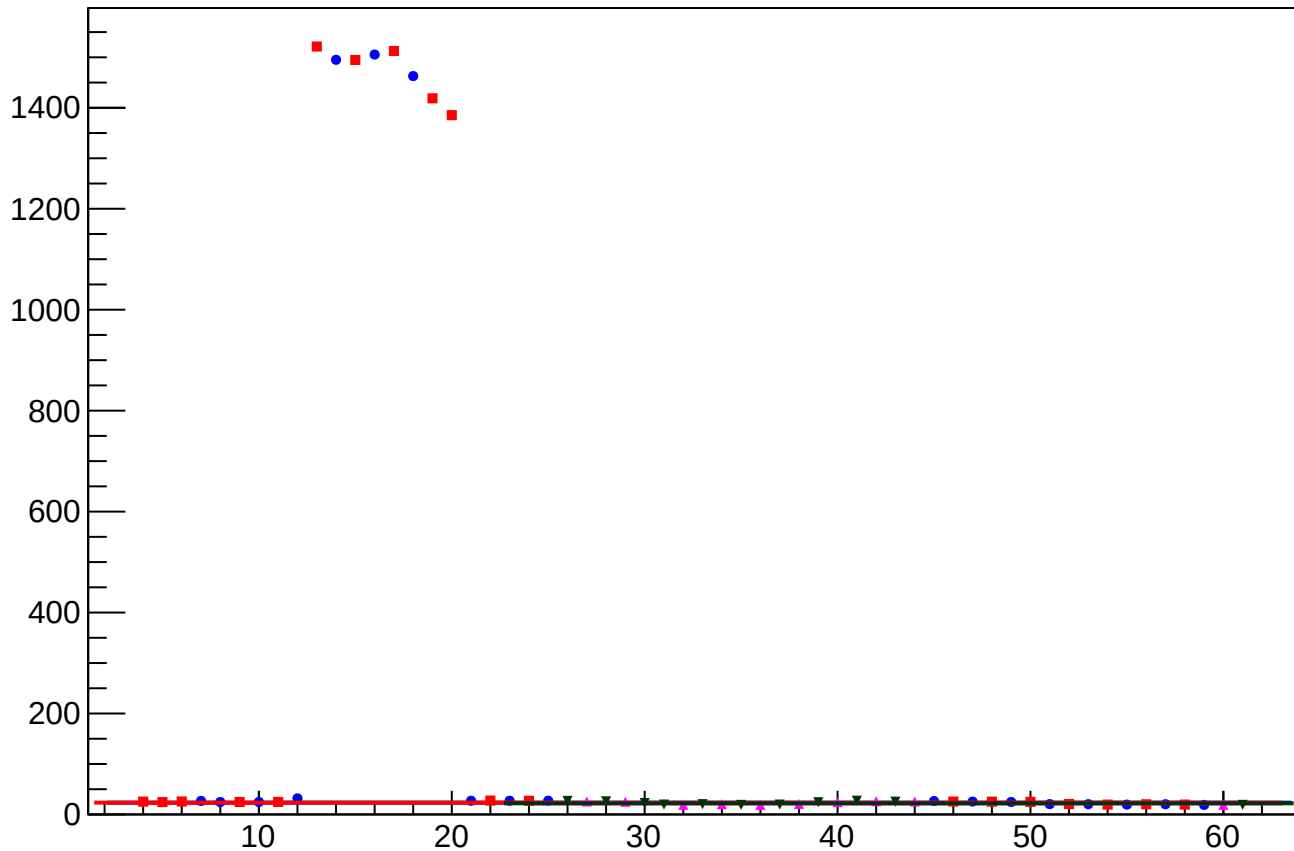
Right Out: 7.973+/-8.718 χ^2/NDF : 7.3/18

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

-2.453+/-6.004 χ^2/NDF : 24.3/28

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

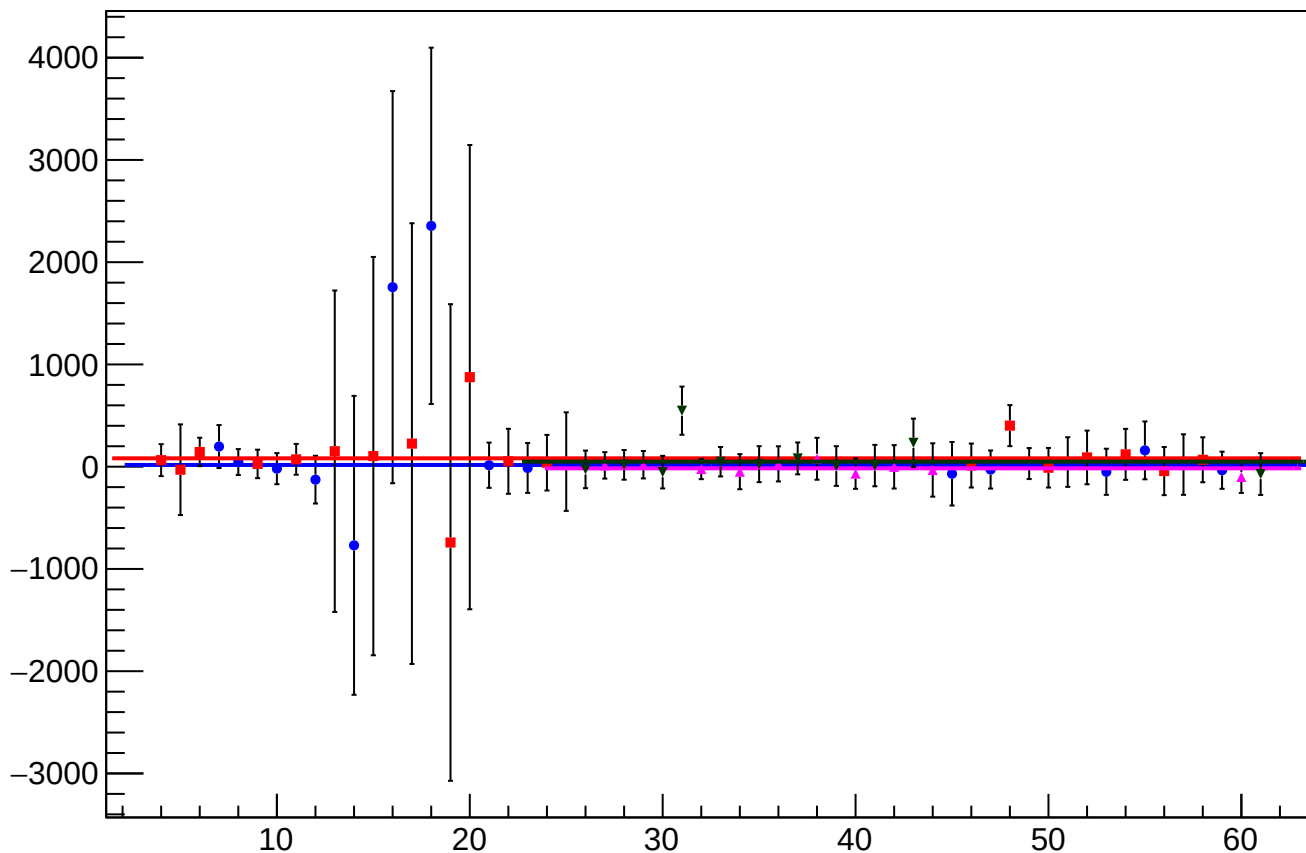
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

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

22.825+/-0.004 χ^2/NDF : 5203577.7/28

22.690+/-0.004 χ^2/NDF : 5814829.4/28

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 49.340+/-53.534 χ^2/NDF : 6.2/10

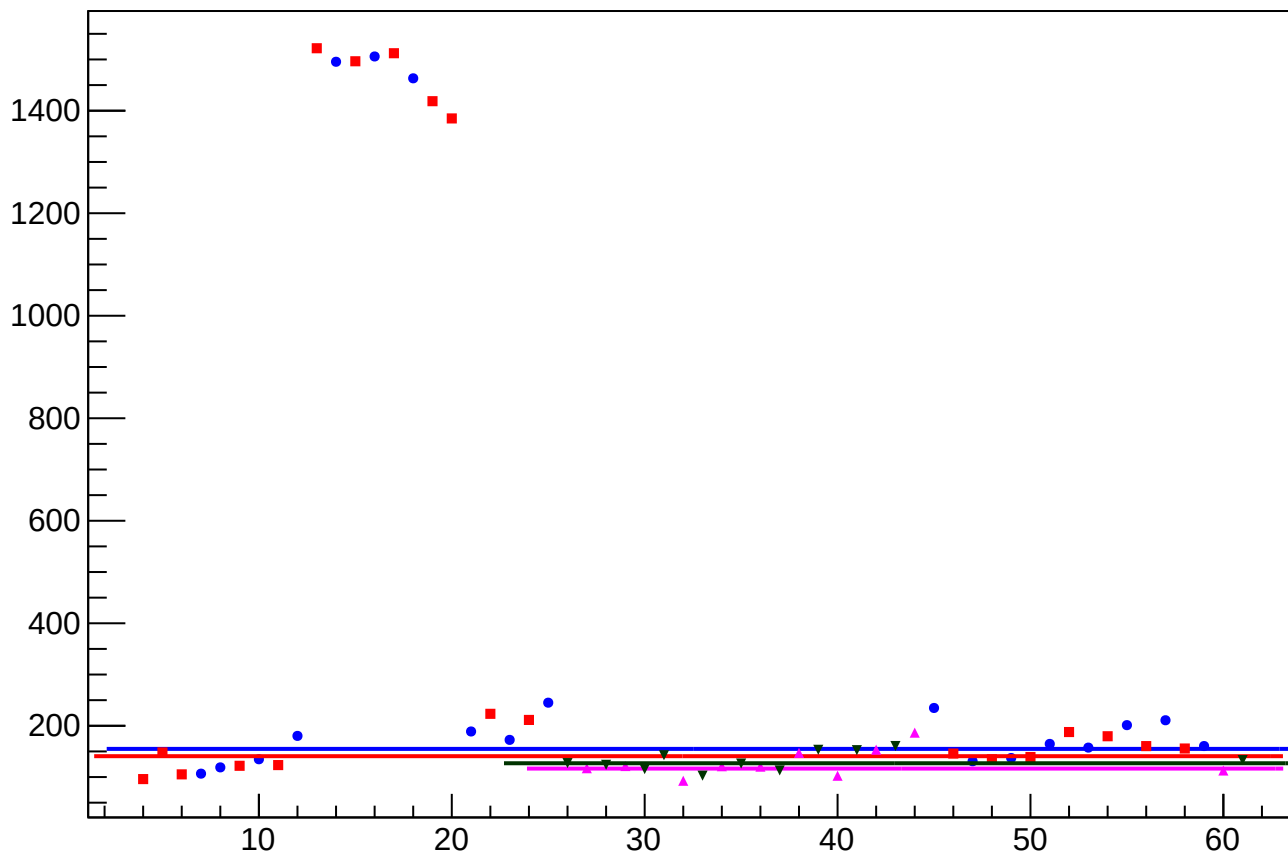
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

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

32.819+/-37.479 χ^2/NDF : 11.1/28

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

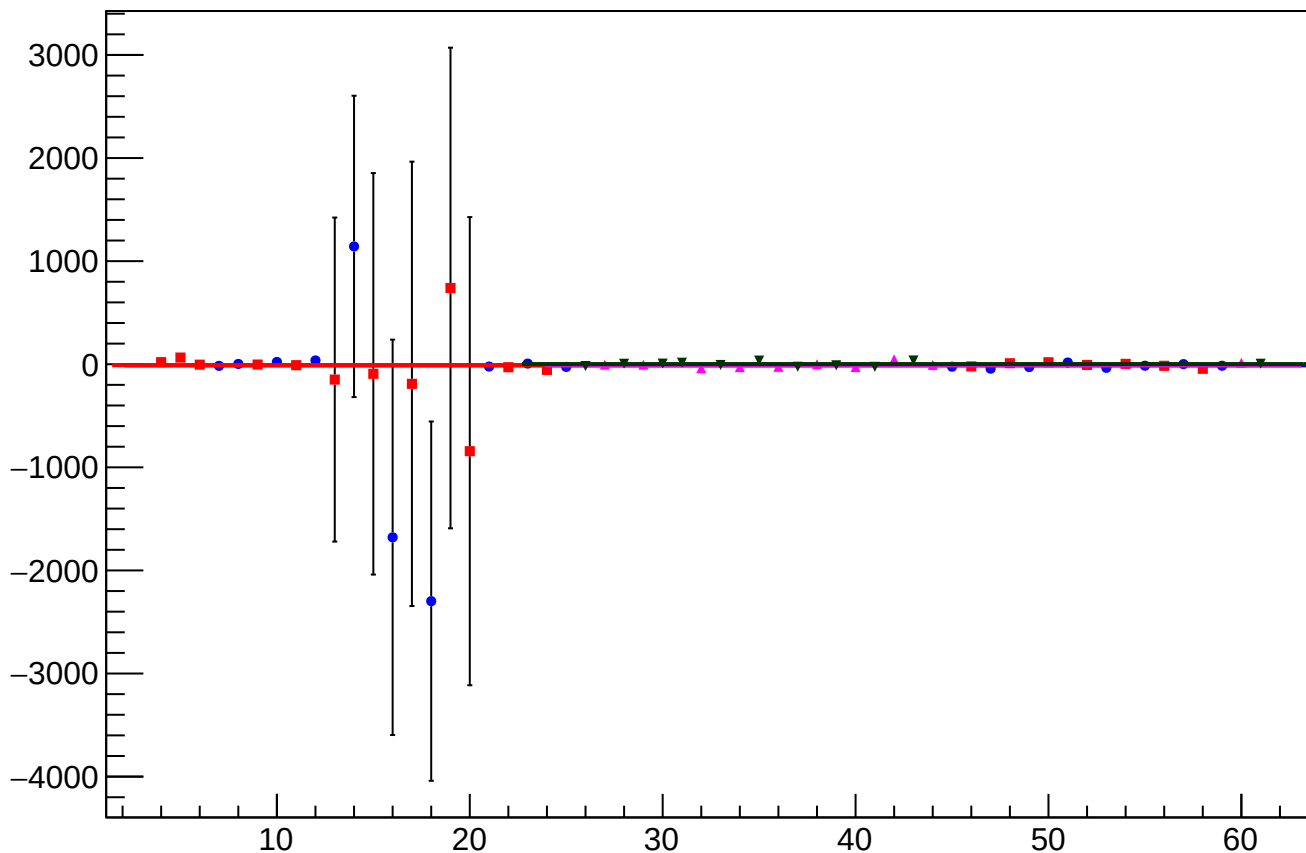
Right Out: 140.710+/-0.037 χ^2/NDF : 5291988.7/18

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

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

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

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

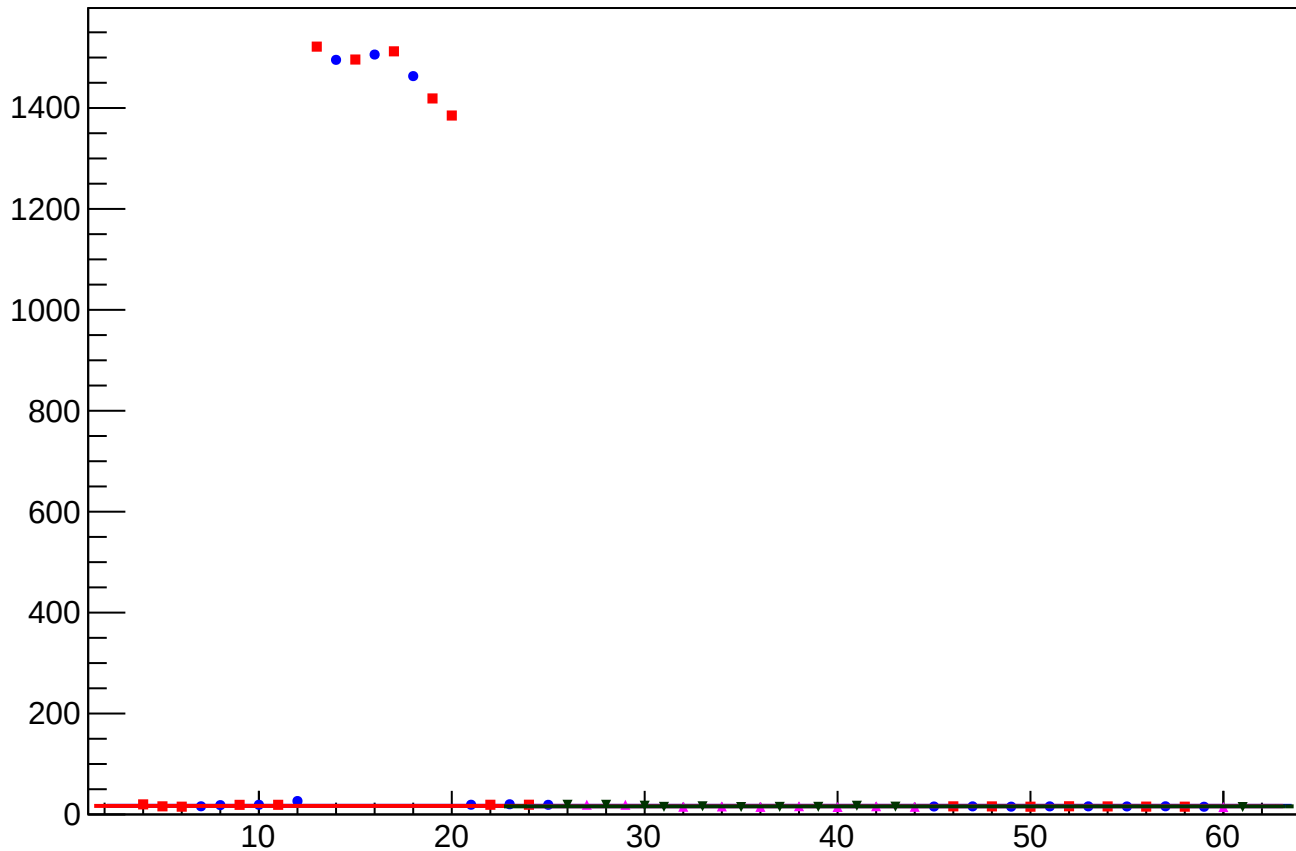
Right Out: -8.864 ± 6.293 χ^2/NDF : 13.3/18

Left In: -9.174 ± 6.564 χ^2/NDF : 13.0/9

-5.800 ± 4.381 χ^2/NDF : 26.6/28

-9.013 ± 4.543 χ^2/NDF : 26.3/28

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



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

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

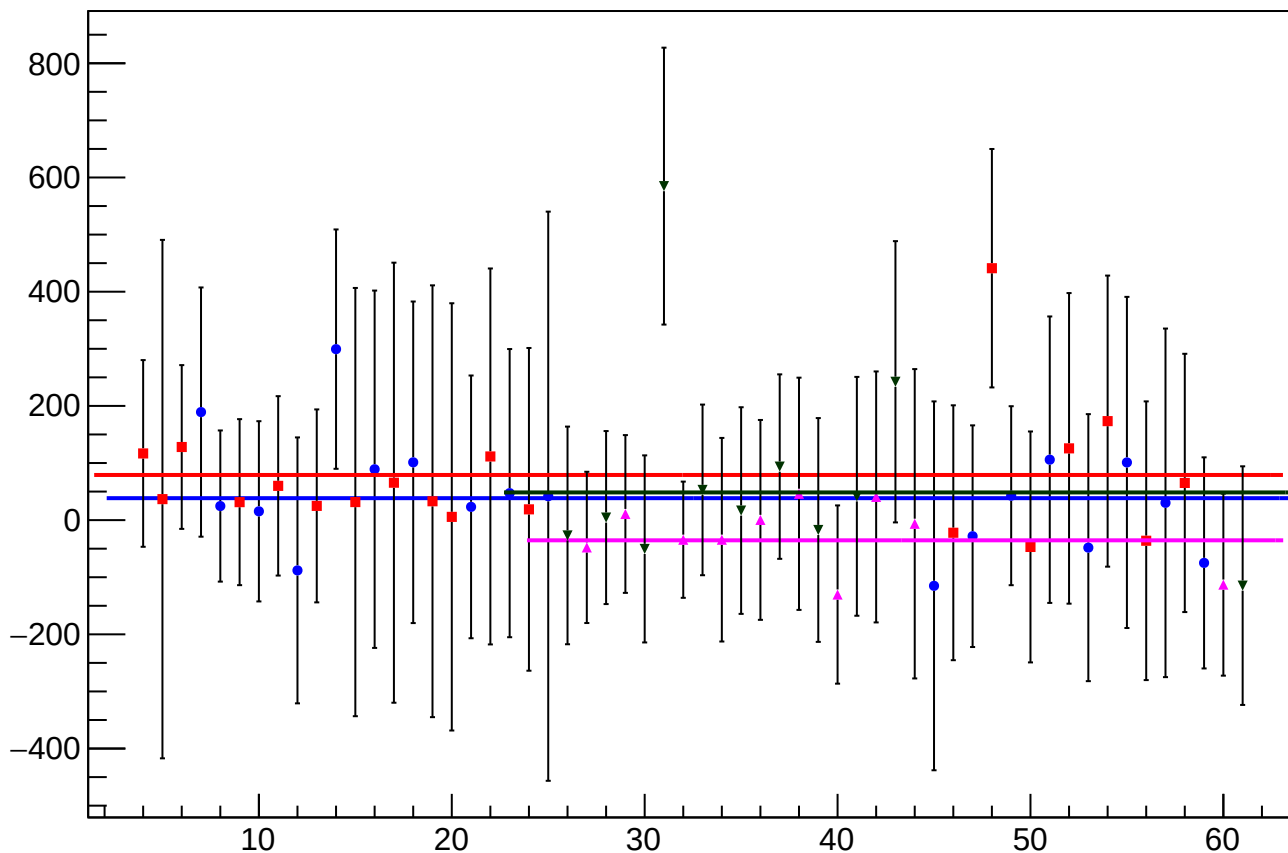
Right Out: 16.920 $\pm$ 0.004 χ^2 /NDF: 5539958.1/18

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

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

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: 48.494+/-55.269 χ^2/NDF : 7.0/10

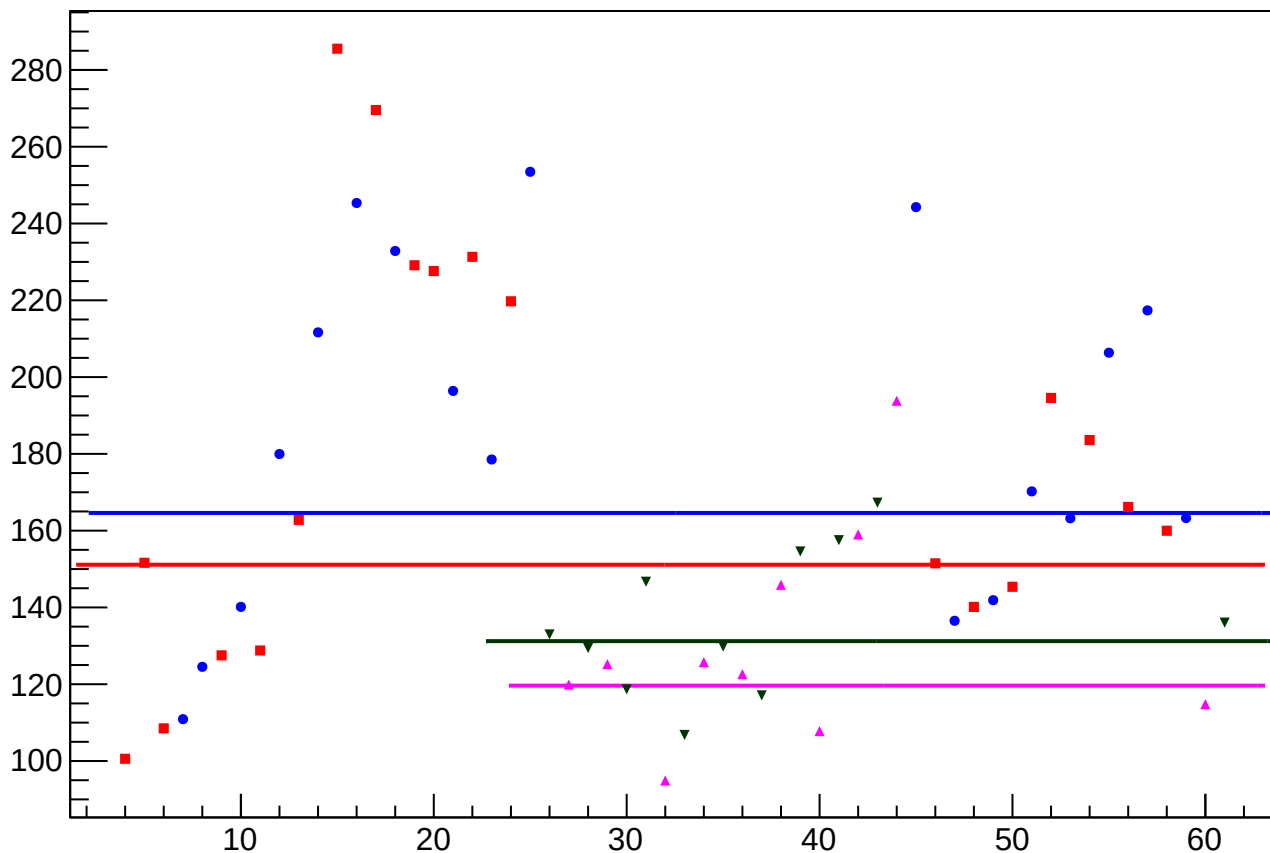
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

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

43.073+/-37.497 χ^2/NDF : 10.4/28

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

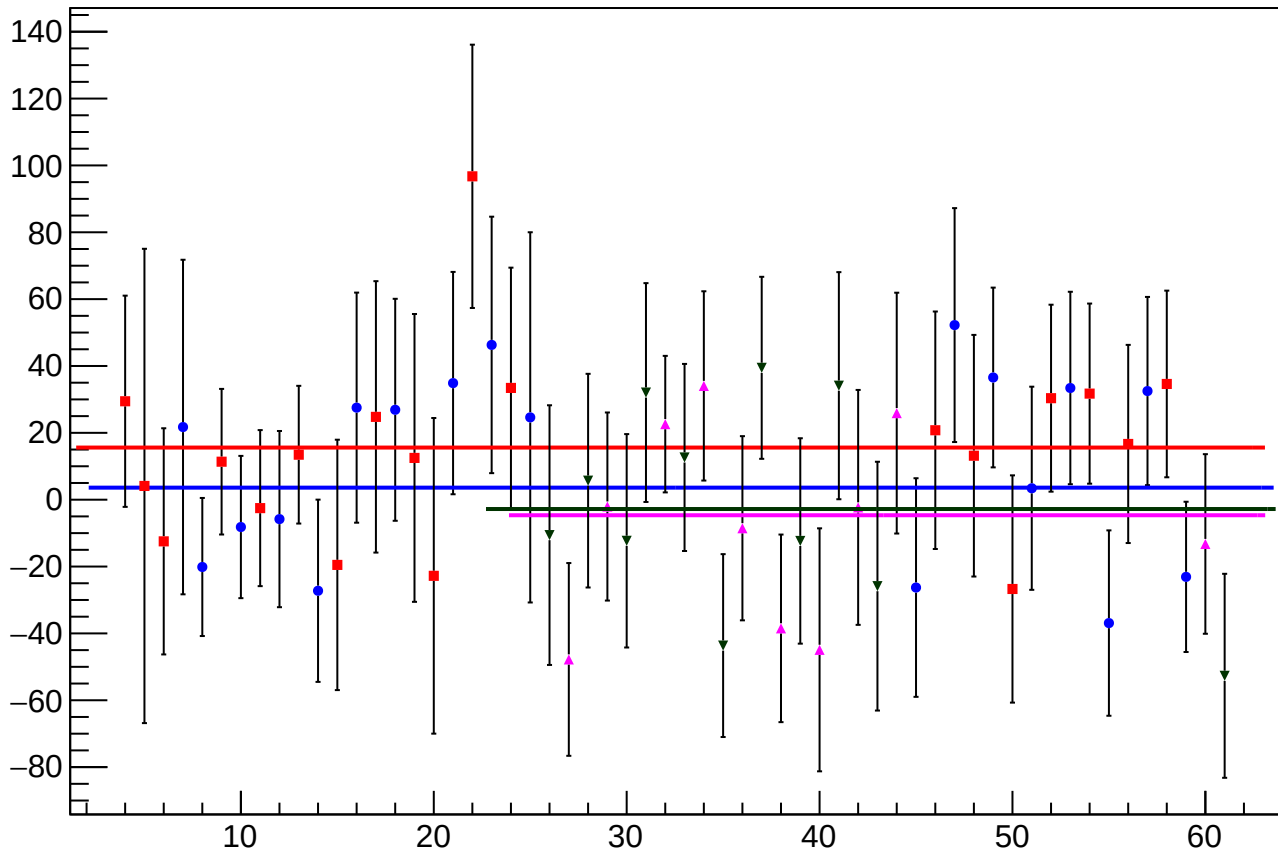
Right Out: 151.124 $\pm$ 0.036 χ^2/NDF : 1423423.3/18

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

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

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

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: -2.790 $\pm$ 9.432 χ^2 /NDF:10.6/10

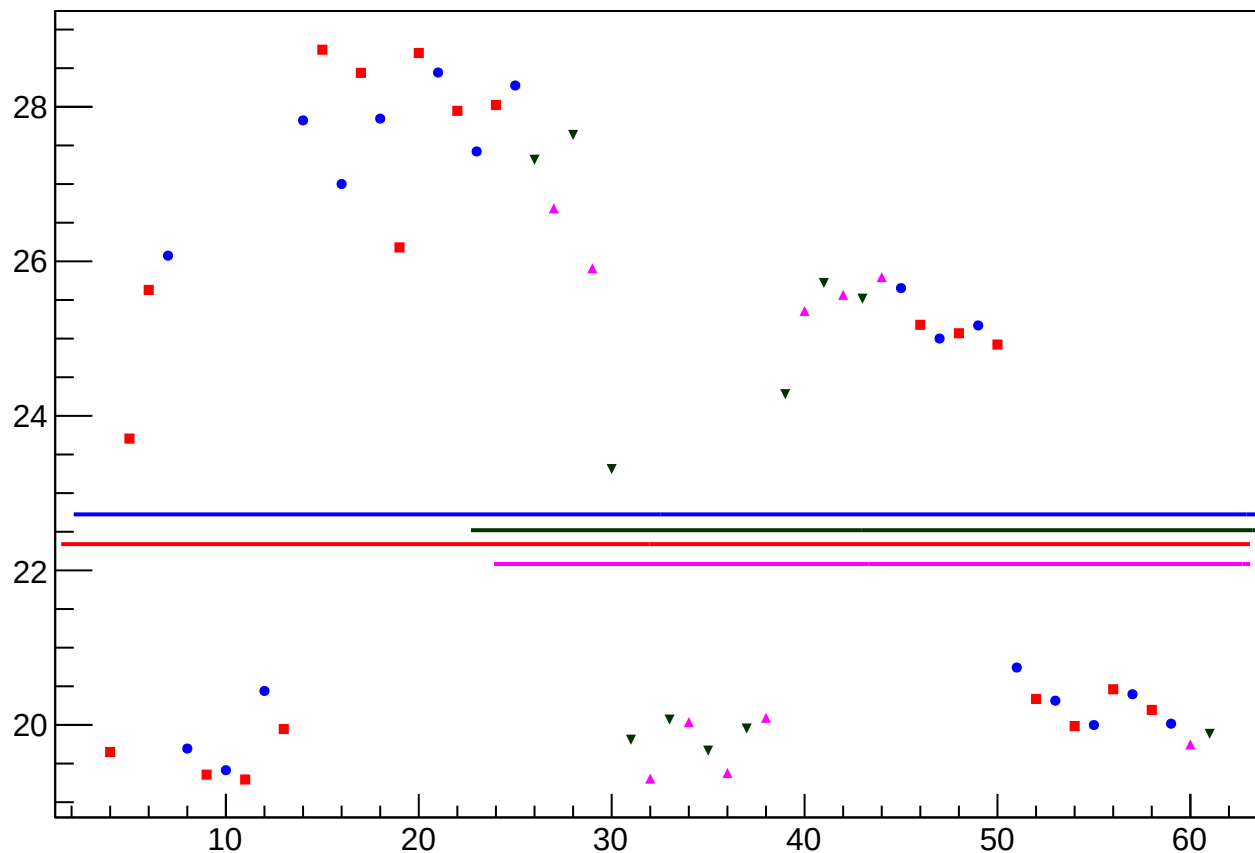
Right Out: 15.596 $\pm$ 7.143 χ^2 /NDF: 10.3/18

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

1.401 $\pm$ 5.538 χ^2 /NDF: 27.3/28

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

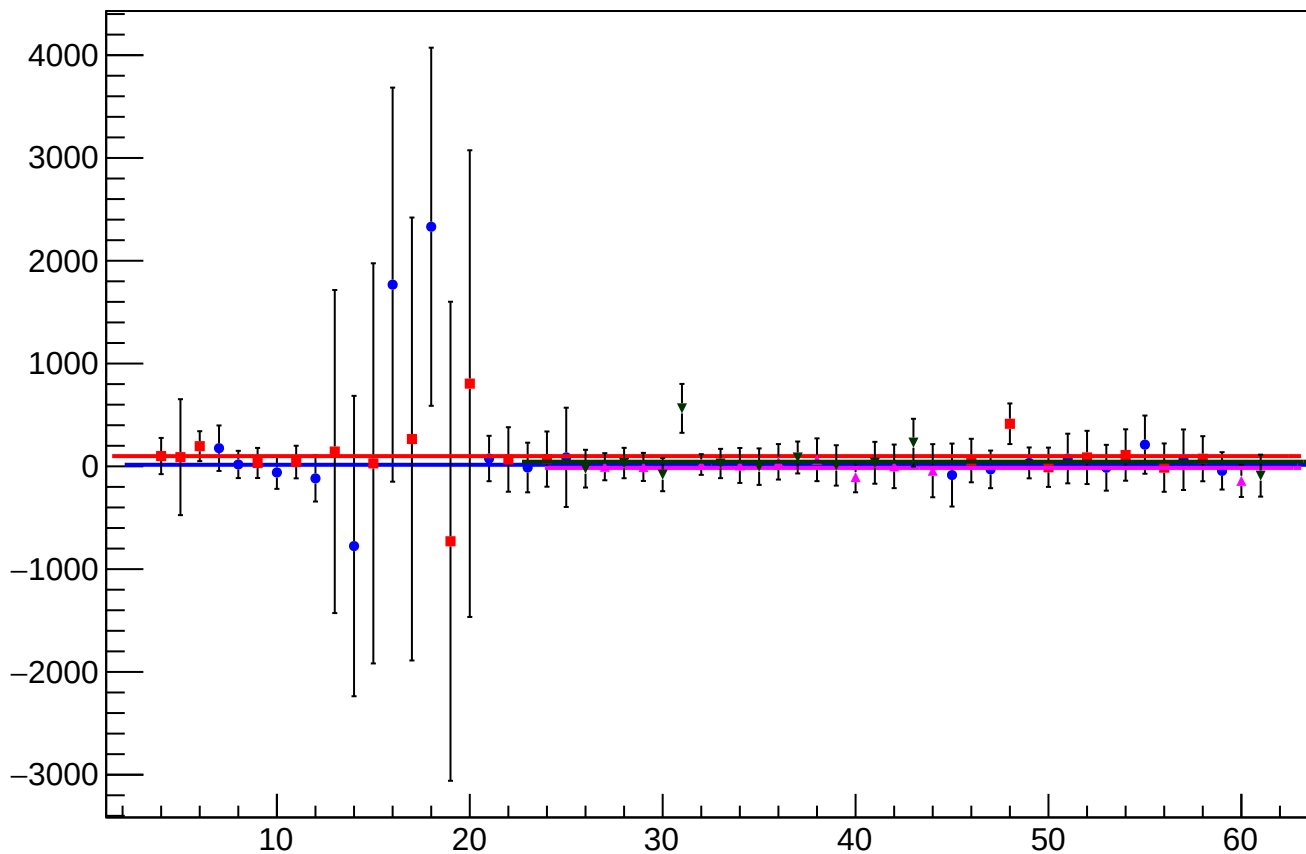
Right Out: 22.340+/-0.005 χ^2/NDF : 460008.2/18

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

22.654+/-0.004 χ^2/NDF : 703145.3/28

22.240+/-0.004 χ^2/NDF : 698041.0/28

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: 45.318+/-53.717 χ^2/NDF : 6.8/10

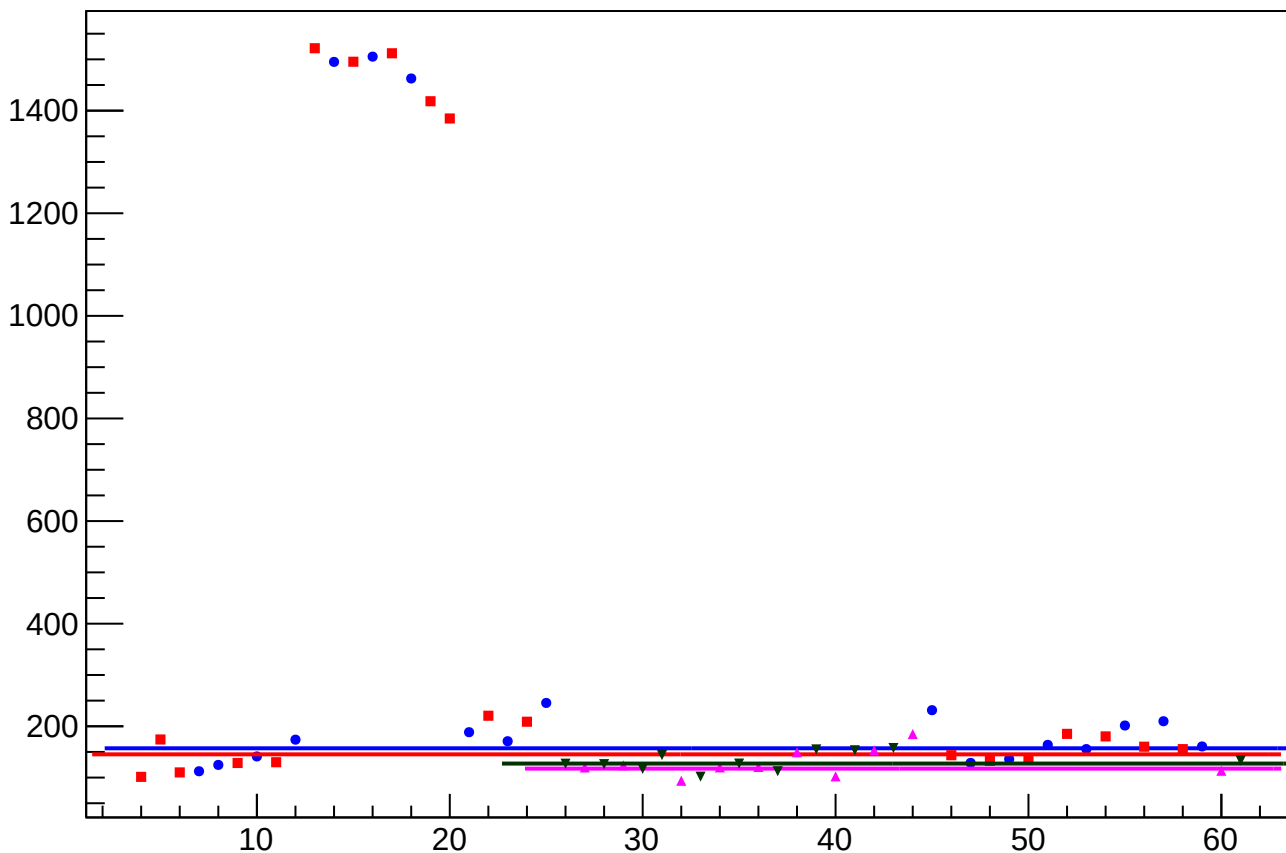
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

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

30.061+/-37.734 χ^2/NDF : 11.9/28

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

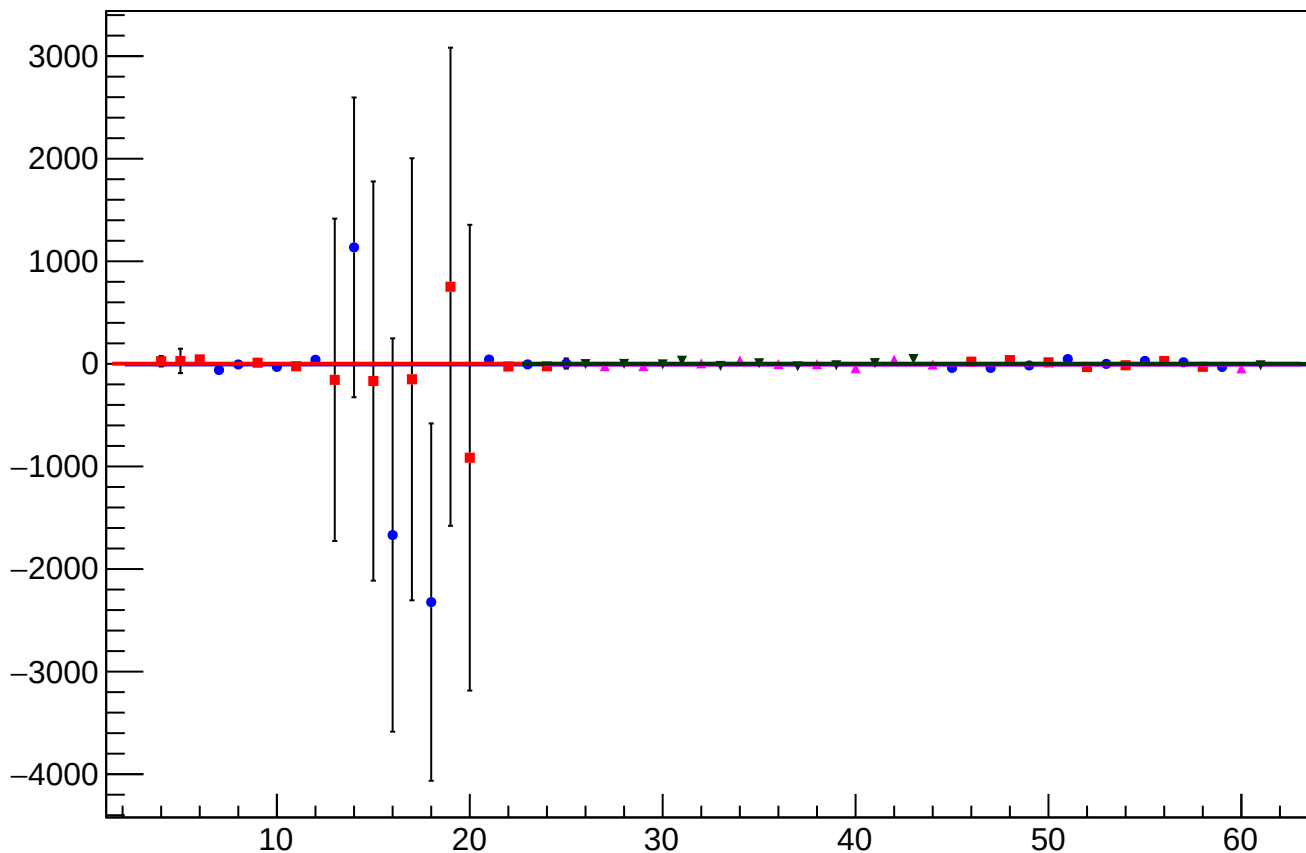
Right Out: 145.299+/-0.038 χ^2/NDF : 5124139.9/18

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

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

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 $\pm$ 7.390 χ^2 /NDF: 18.7/17

Left Out: -0.262 $\pm$ 8.813 χ^2 /NDF: 5.5/10

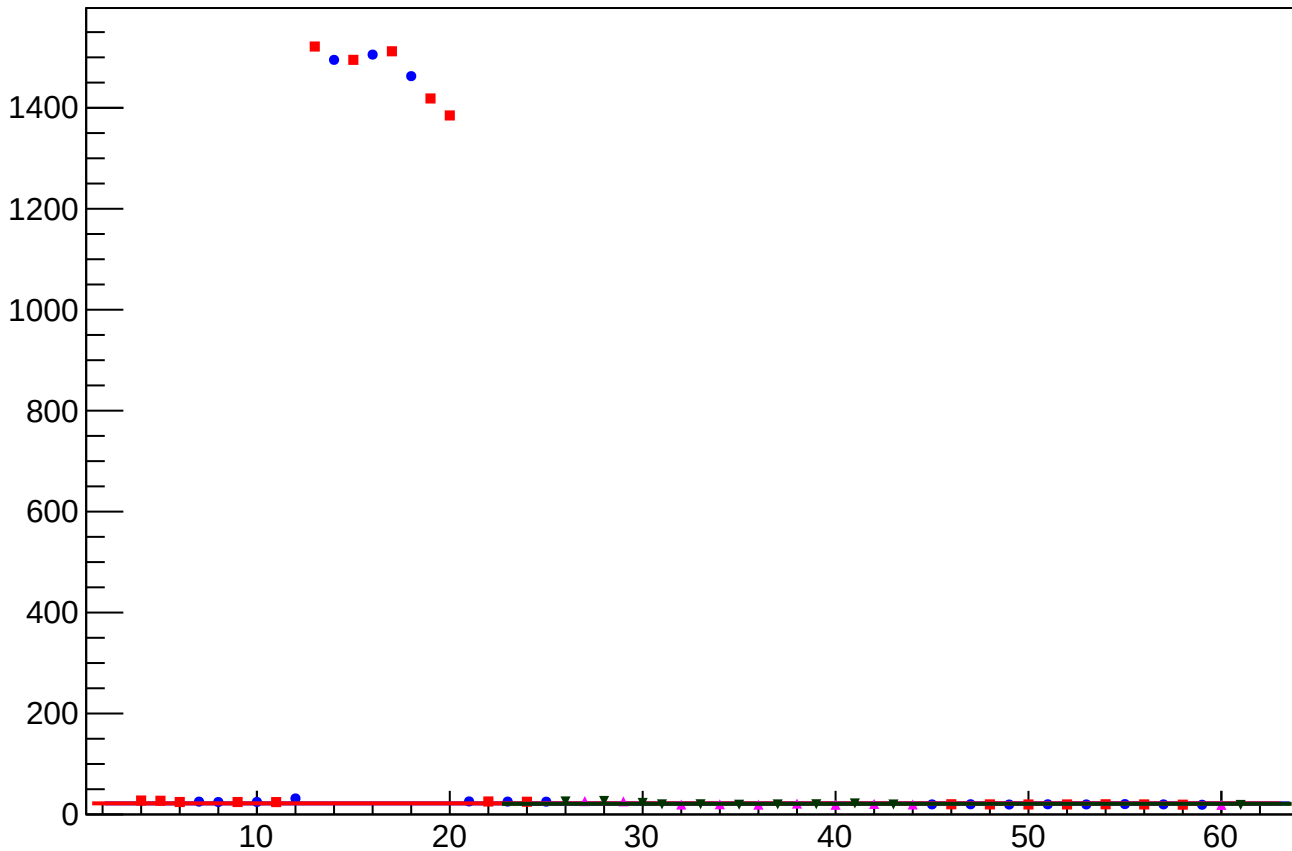
Right Out: 1.722 $\pm$ 8.261 χ^2 /NDF: 10.4/18

Left In: -6.160 $\pm$ 8.538 χ^2 /NDF: 9.6/9

-3.433 $\pm$ 5.663 χ^2 /NDF: 24.5/28

-2.089 $\pm$ 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: 21.065 $\pm$ 0.006 χ^2 /NDF:142264.8/10

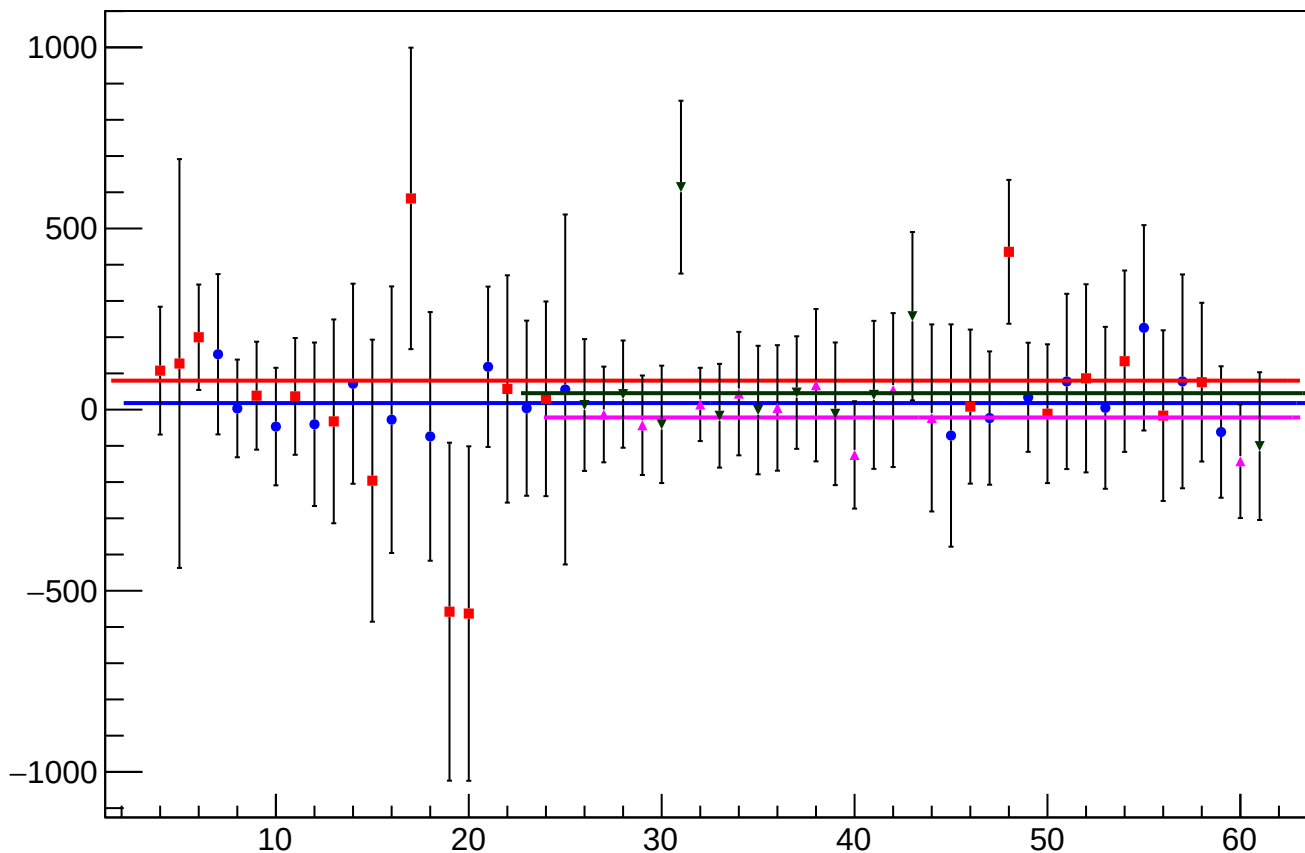
21.566 $\pm$ 0.004 χ^2 /NDF: 5085008.8/28

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

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

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

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: 45.383 $\pm$ 53.779 χ^2 /NDF: 7.7/10

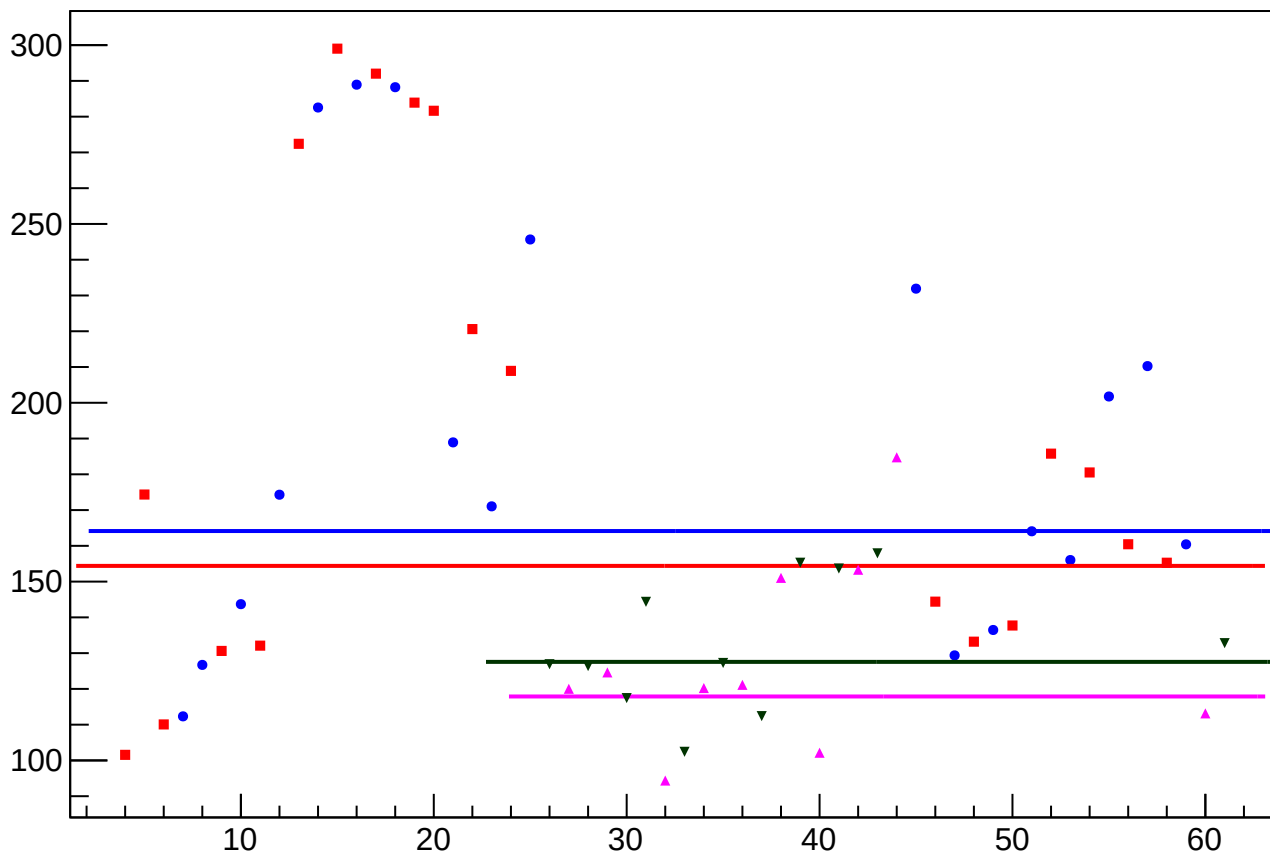
Right Out: 80.043 $\pm$ 52.081 χ^2 /NDF: 10.6/18

Left In: -21.550 $\pm$ 48.687 χ^2 /NDF: 1.7/9

31.110 $\pm$ 37.132 χ^2 /NDF: 9.8/28

25.829 $\pm$ 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: 127.557 $\pm$ 0.038 χ^2 /NDF: 206300.4/10

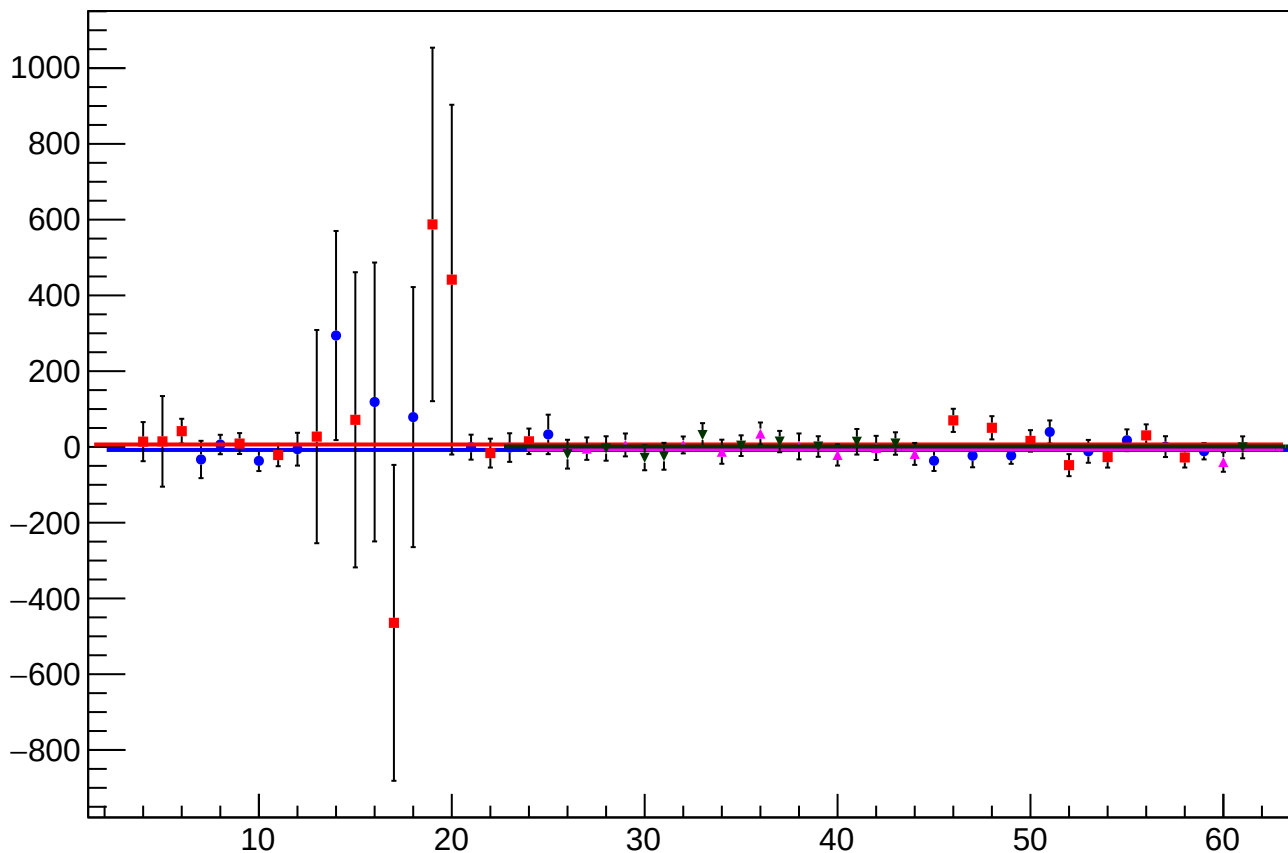
Right Out: 154.395 $\pm$ 0.037 χ^2 /NDF: 1875575.3/18

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

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

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: 1.169+/-9.302 χ^2/NDF : 3.0/10

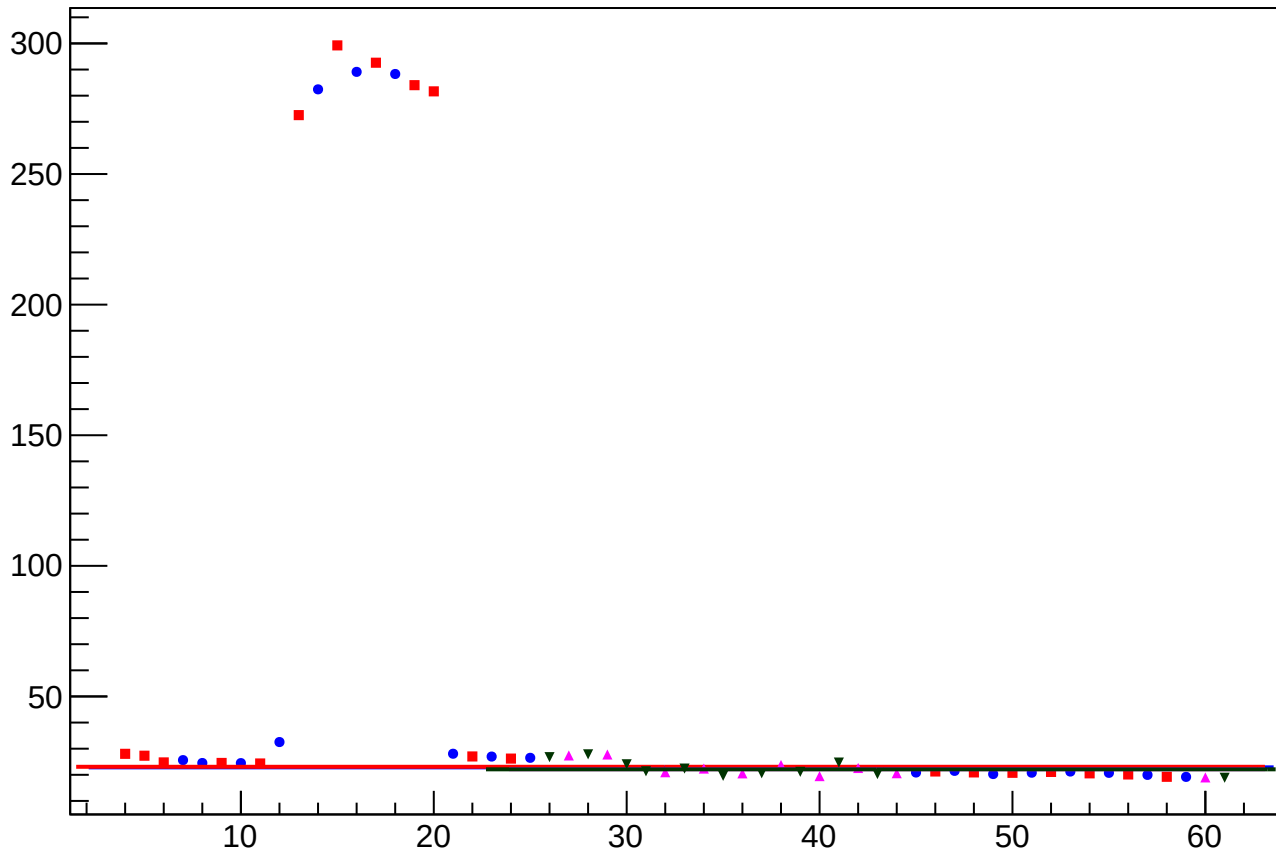
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

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

-4.317+/-5.887 χ^2/NDF : 12.6/28

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

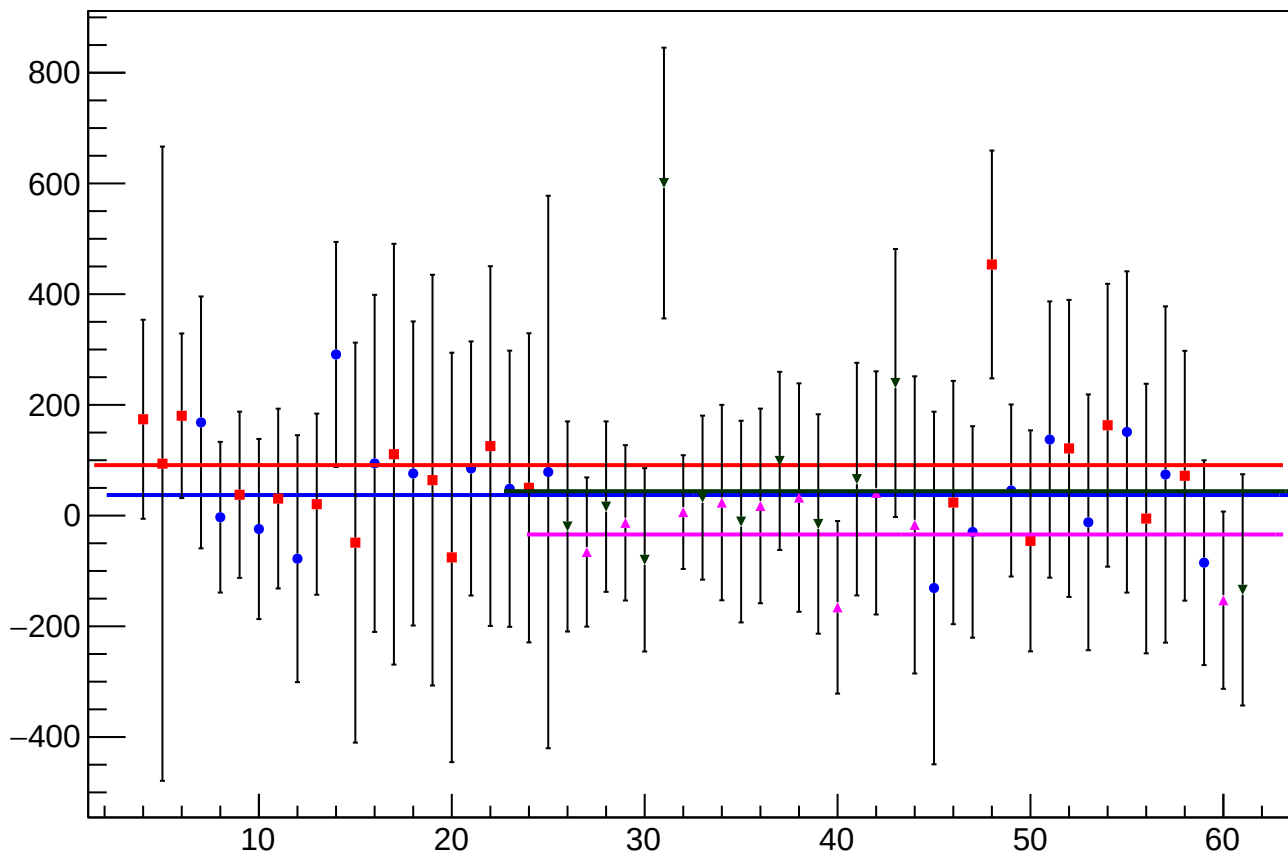
Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

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

22.551+/-0.004 χ^2/NDF : 4541987.6/28

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: 44.097+/-55.424 χ^2/NDF : 7.6/10

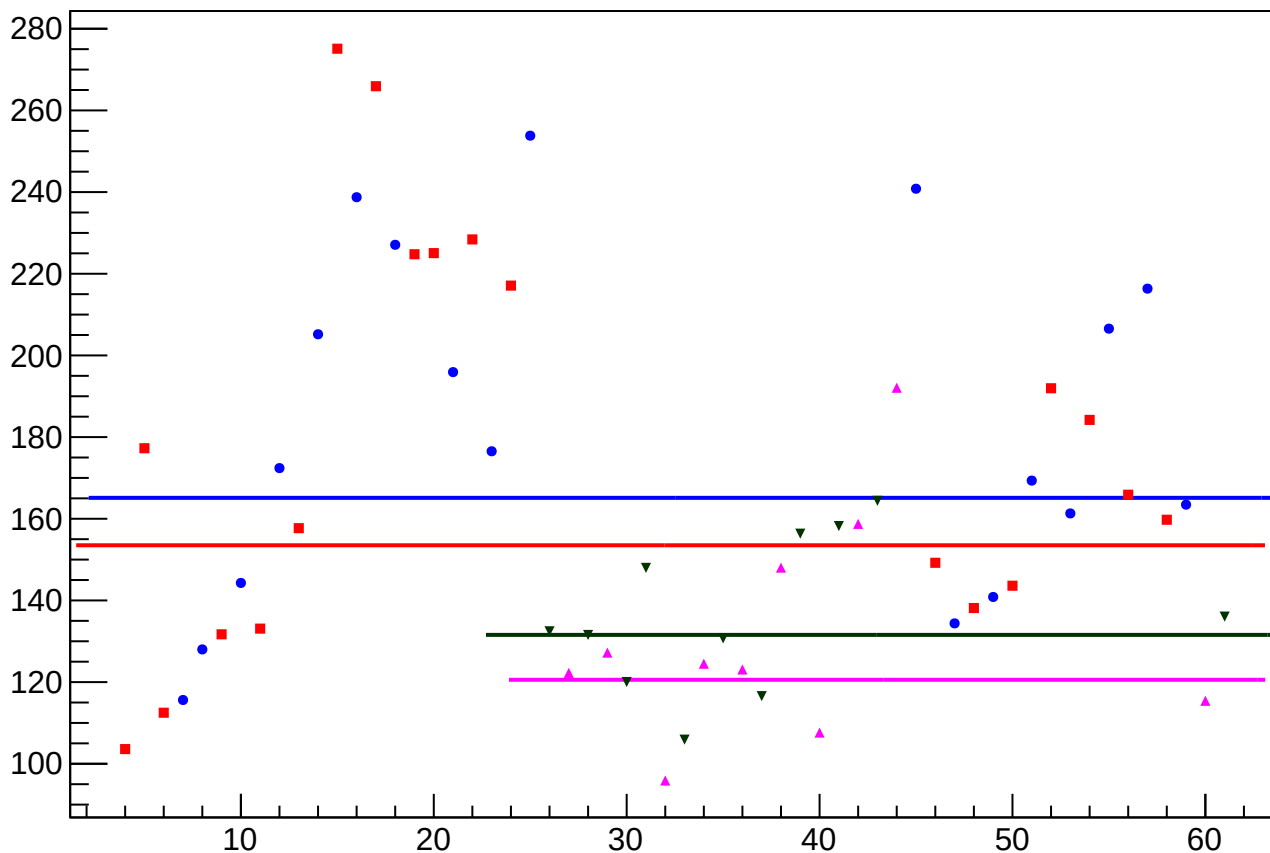
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

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

40.340+/-37.544 χ^2/NDF : 11.3/28

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+/-0.036 χ^2/NDF : 990659.0/17

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

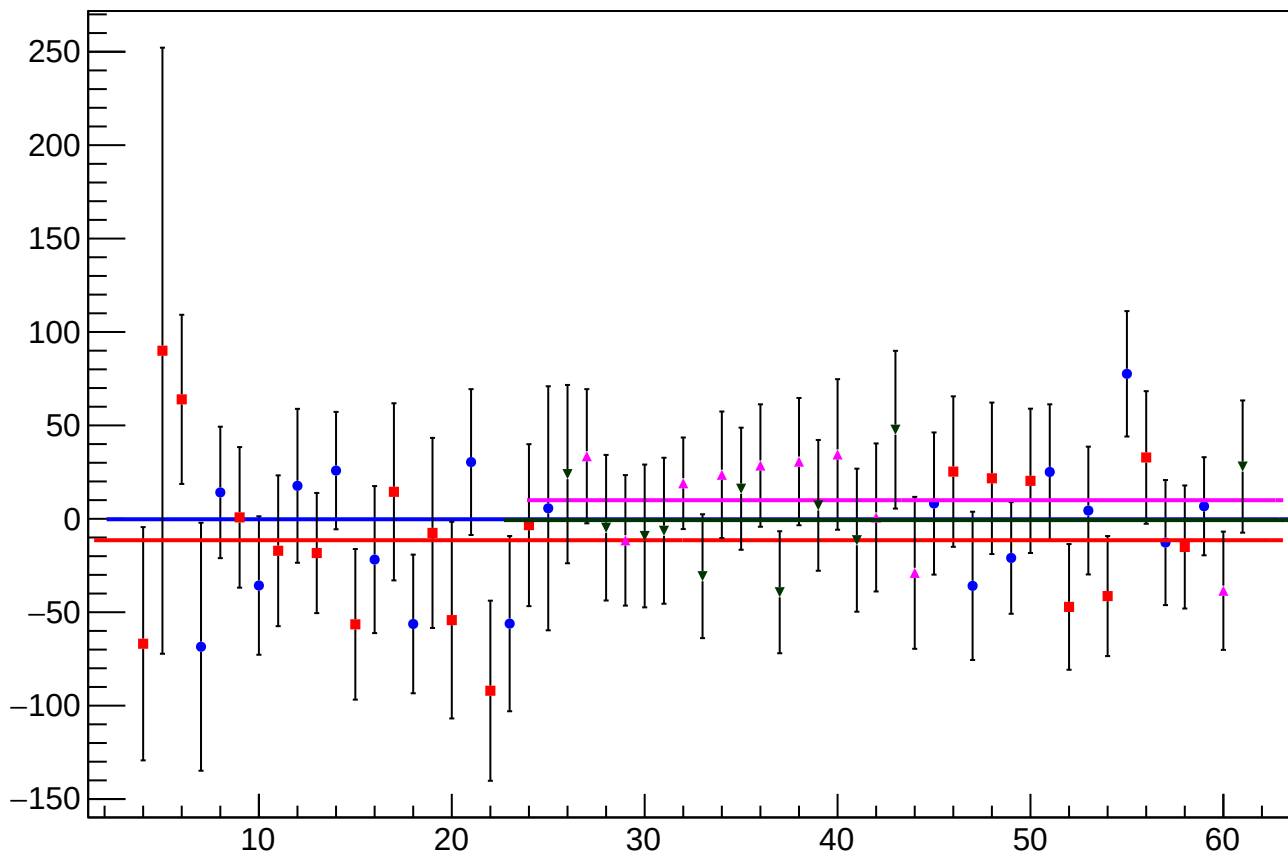
149.725+/-0.027 χ^2/NDF : 1584800.1/28

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

136.668+/-0.025 χ^2/NDF : 2041427.2/28

Left In: 120.571+/-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: -0.698 ± 11.125 χ^2/NDF : 4.9/10

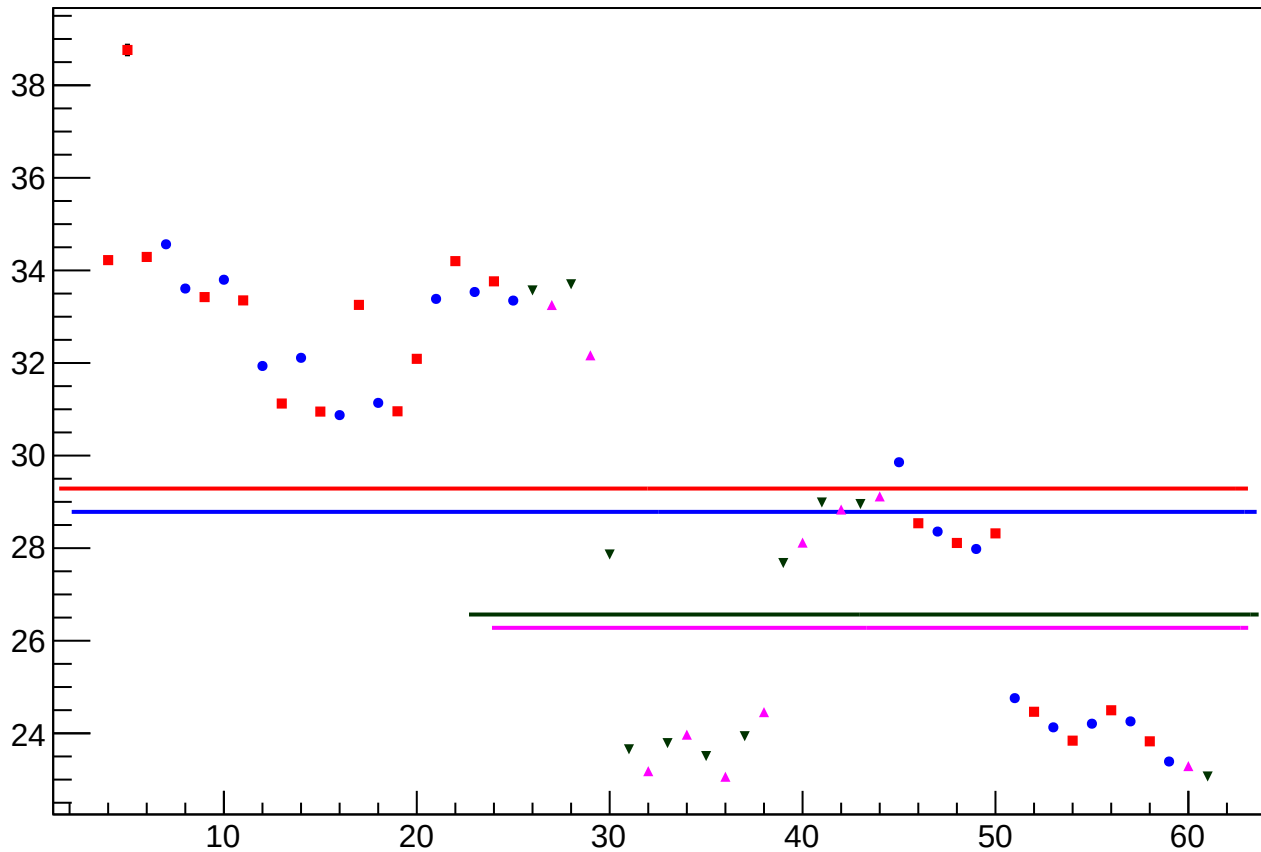
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

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

-0.411 ± 6.827 χ^2/NDF : 20.0/28

-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: 26.566 $\pm$ 0.008 χ^2 /NDF: 204004.6/10

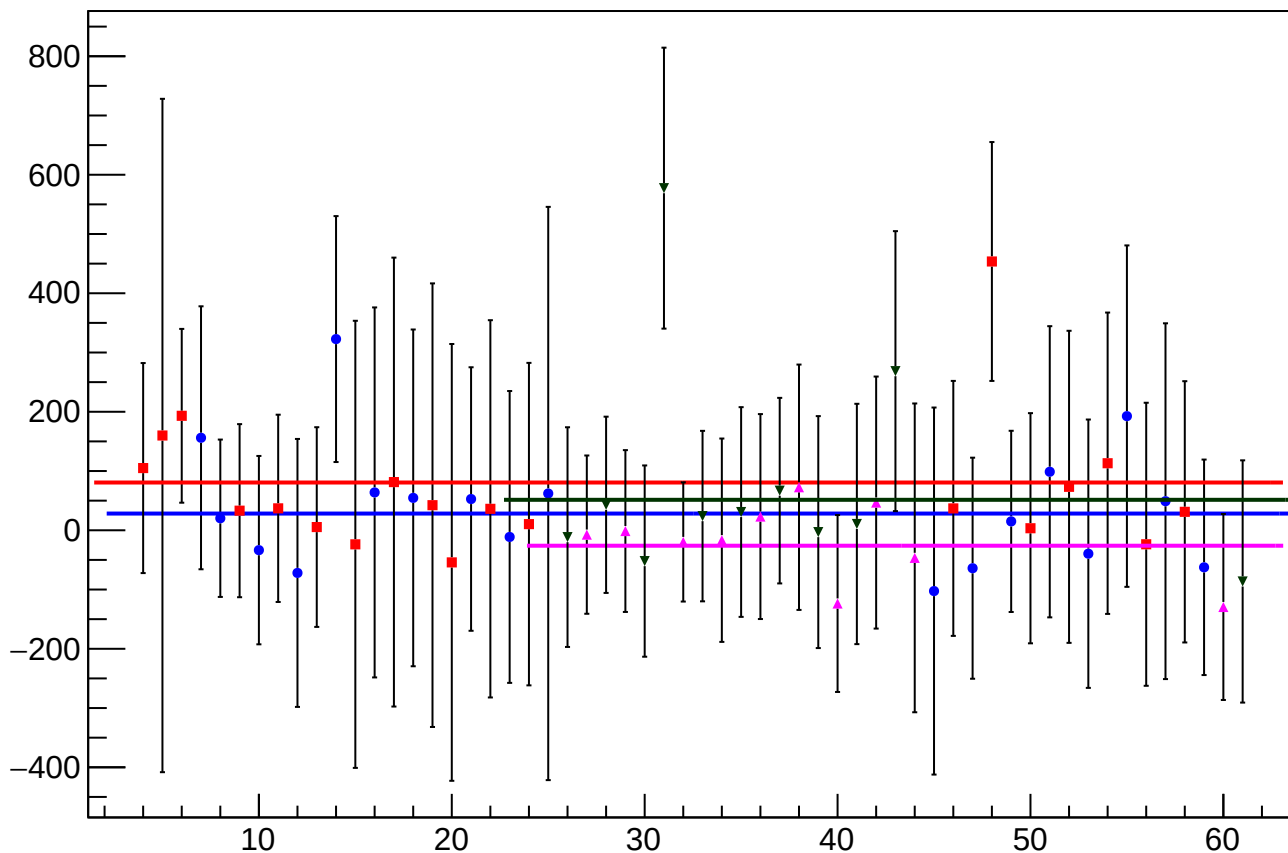
27.949 $\pm$ 0.005 χ^2 /NDF: 672038.5/28

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

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

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 28.225 $\pm$ 50.353 χ^2 /NDF: 3.9/17

Left Out: 51.423 $\pm$ 53.932 χ^2 /NDF:6.9/10

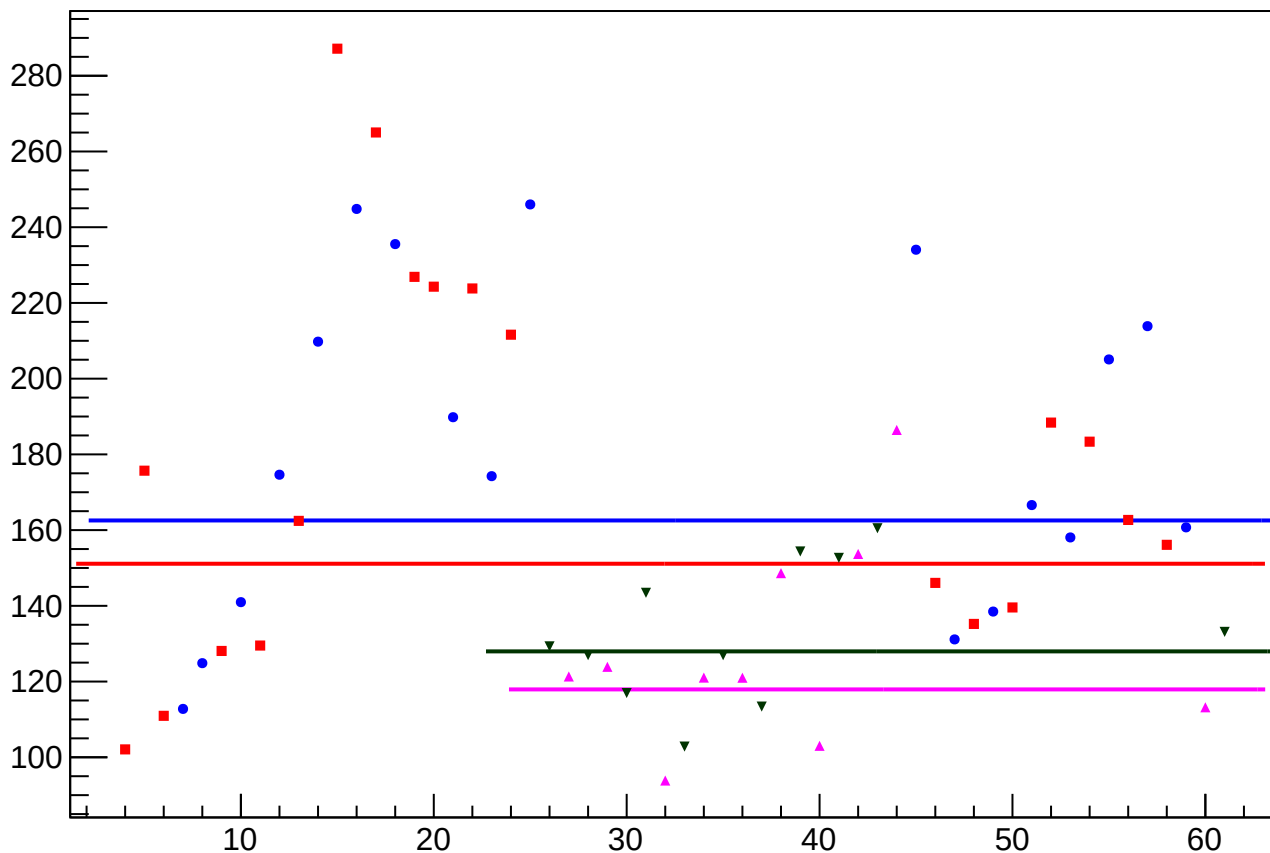
Right Out: 80.614 $\pm$ 50.242 χ^2 /NDF: 5.2/18

Left In: -26.045 $\pm$ 48.705 χ^2 /NDF:1.4/9

39.029 $\pm$ 36.805 χ^2 /NDF: 11.0/28

25.628 $\pm$ 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: 127.970+/-0.038 χ^2/NDF : 201709.0/10

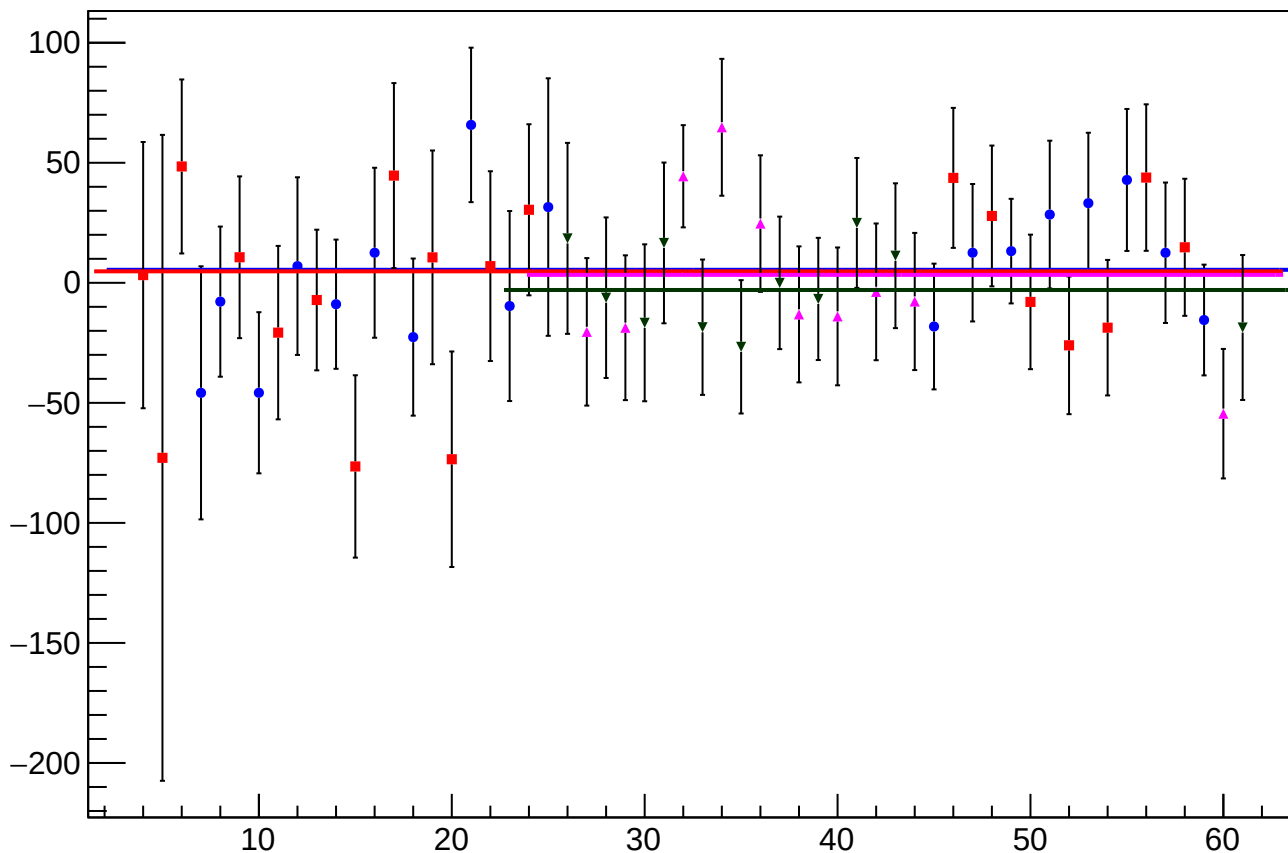
146.444+/-0.026 χ^2/NDF : 1730284.1/28

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 χ^2/NDF : 13.4/17

Left Out: -2.983 ± 9.006 χ^2/NDF : 3.4/10

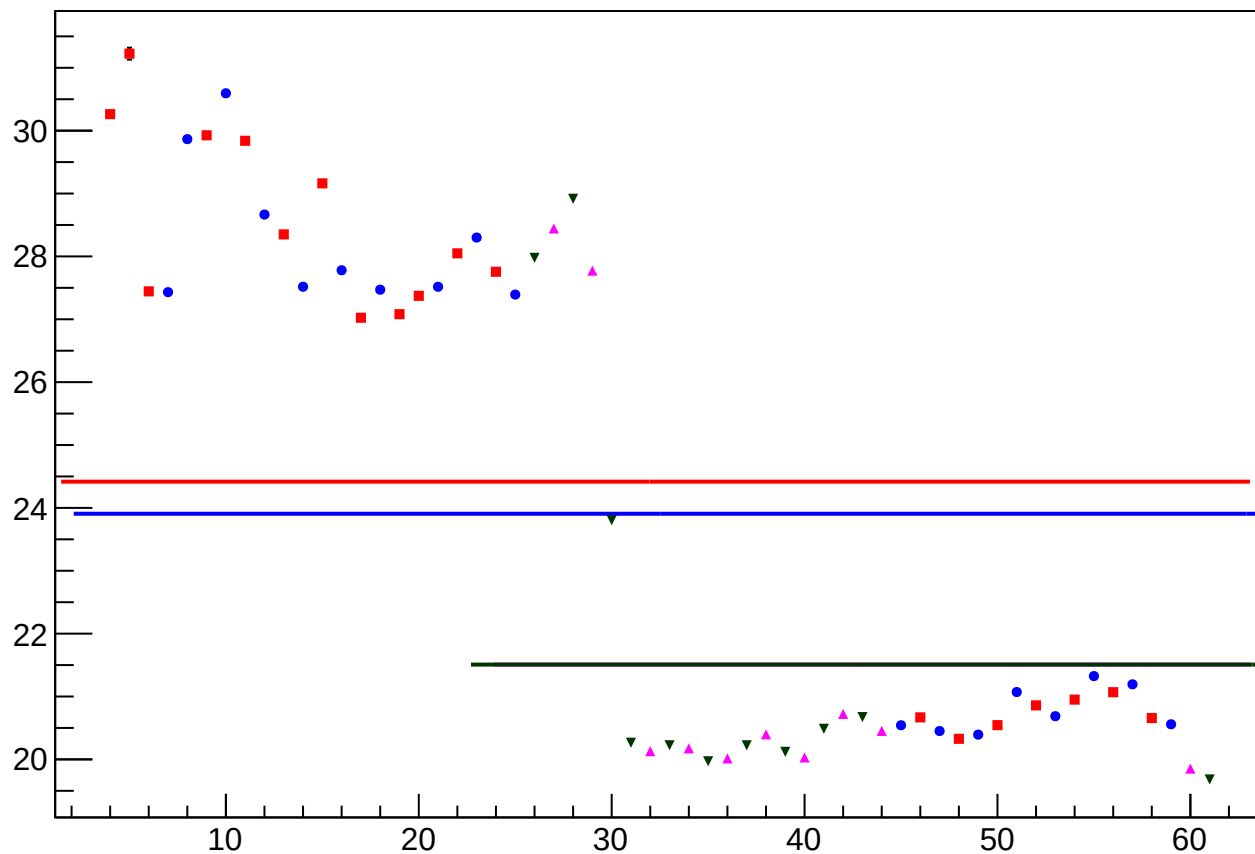
Right Out: 4.784 ± 7.872 χ^2/NDF : 17.9/18

Left In: 3.315 ± 8.728 χ^2/NDF : 15.6/9

2.145 ± 5.626 χ^2/NDF : 17.3/28

4.125 ± 5.846 χ^2/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: 21.508 $\pm$ 0.006 χ^2 /NDF:195999.7/10

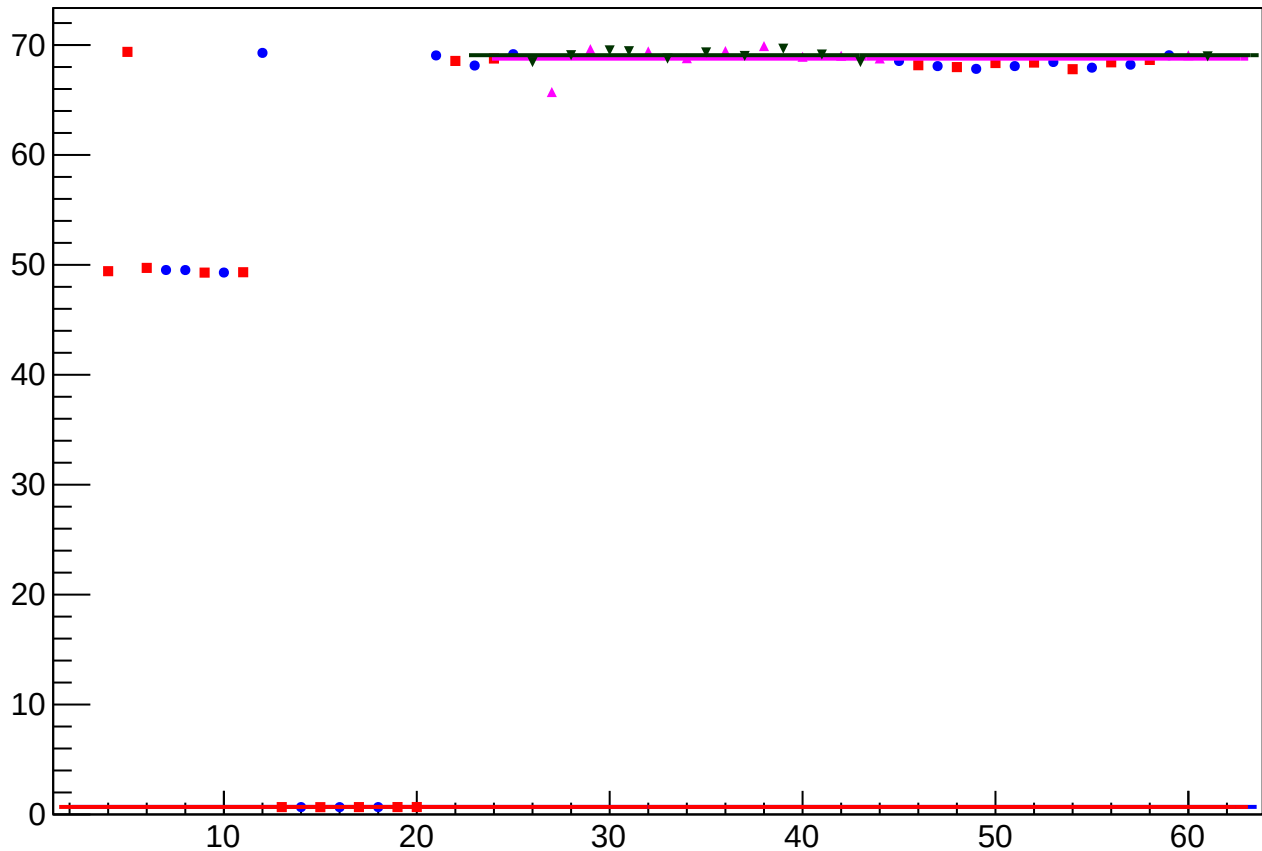
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

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

22.971 $\pm$ 0.004 χ^2 /NDF: 848443.3/28

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: 69.076 $\pm$ 0.000 χ^2 /NDF: 24710071.6/10

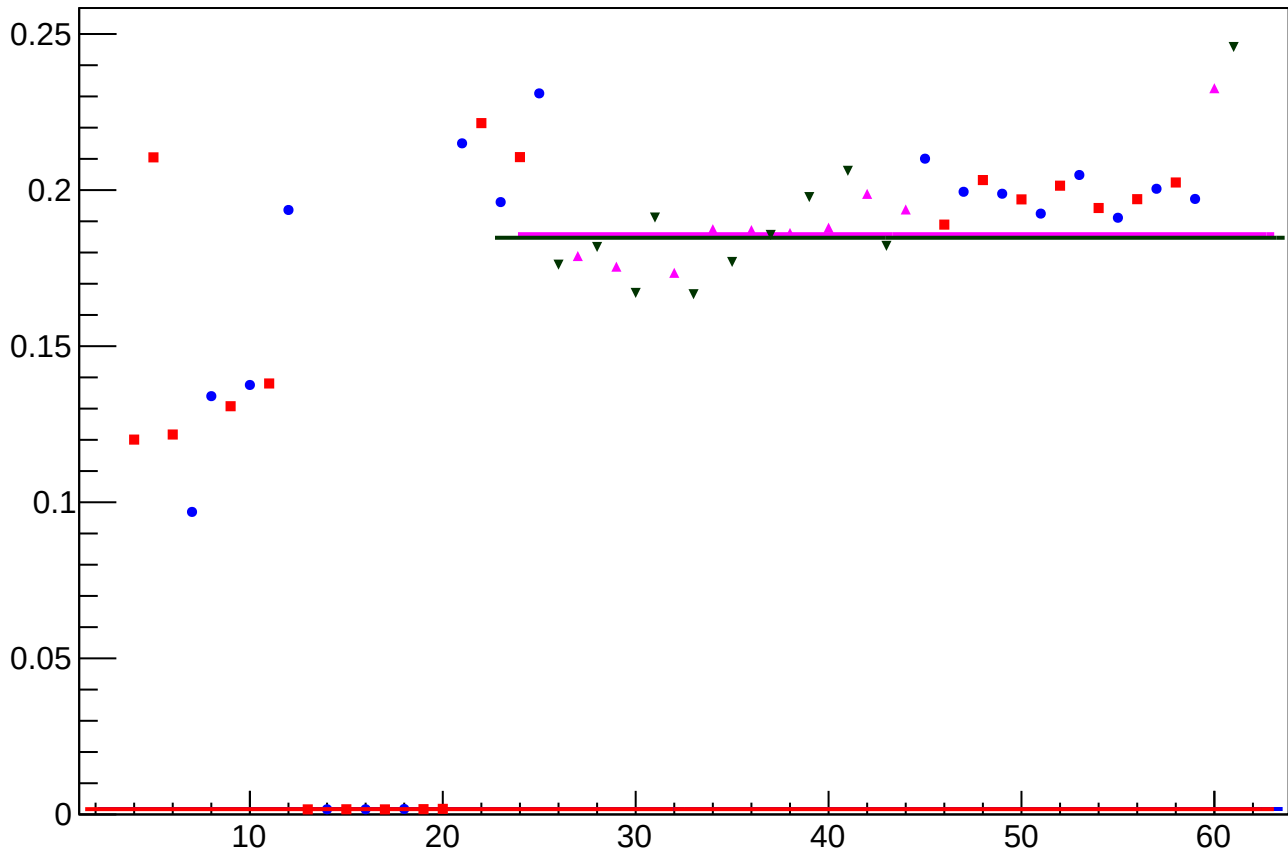
0.701 $\pm$ 0.000 χ^2 /NDF: 1798303711618.4/28

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: 0.185+/-0.000 χ^2/NDF : 97968.3/10

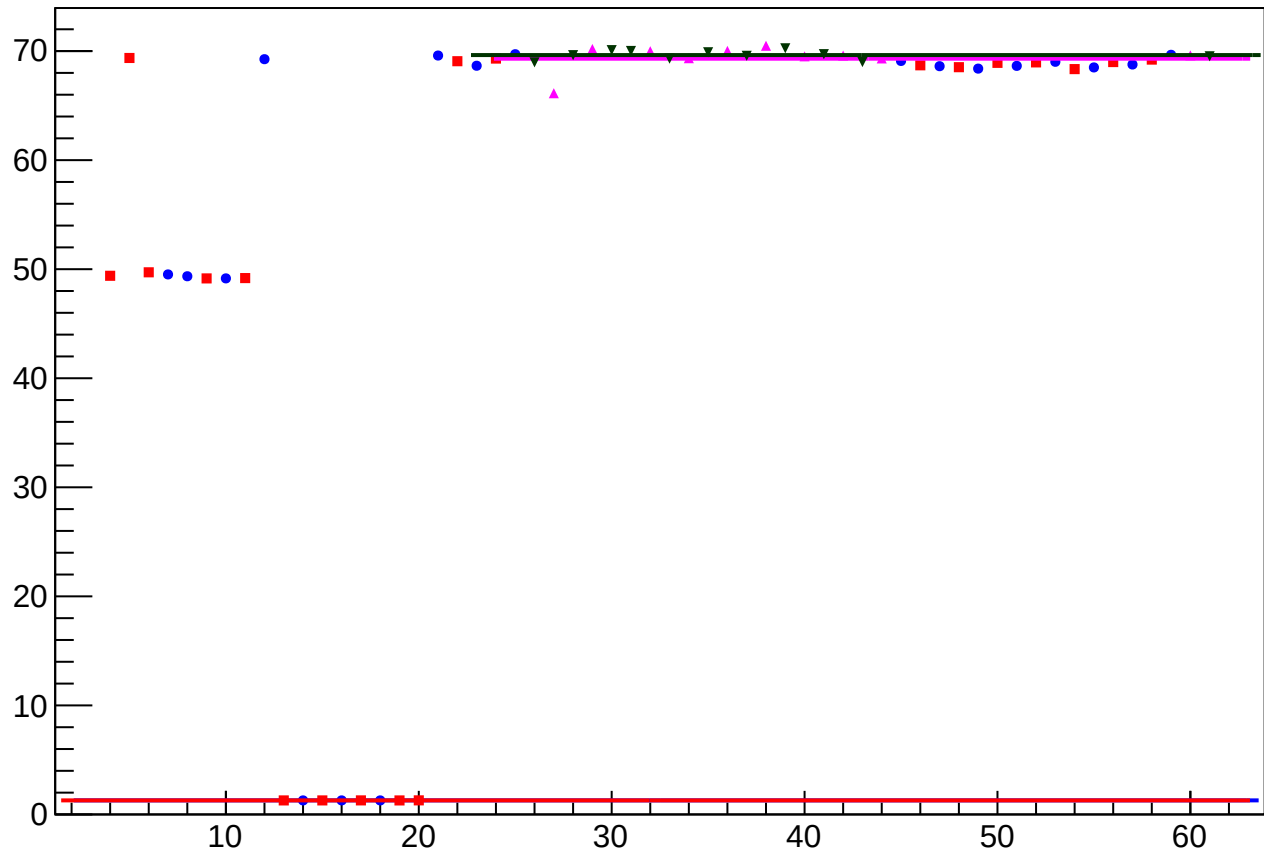
0.002+/-0.000 χ^2/NDF : 27896360.2/28

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

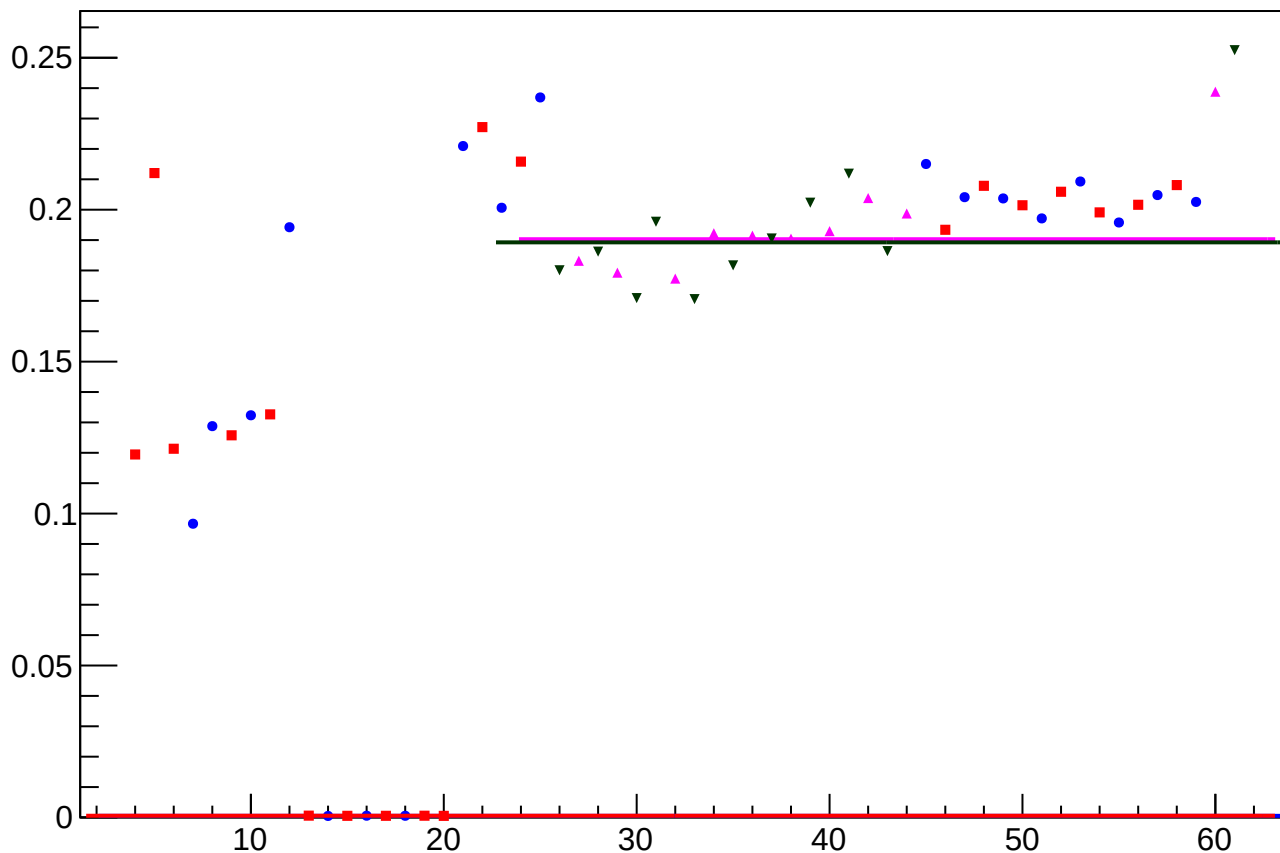
1.292+/-0.000 χ^2/NDF : 1734402082248.7/28

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

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

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

yield_bcm_an_ds3_rms vs slug



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

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

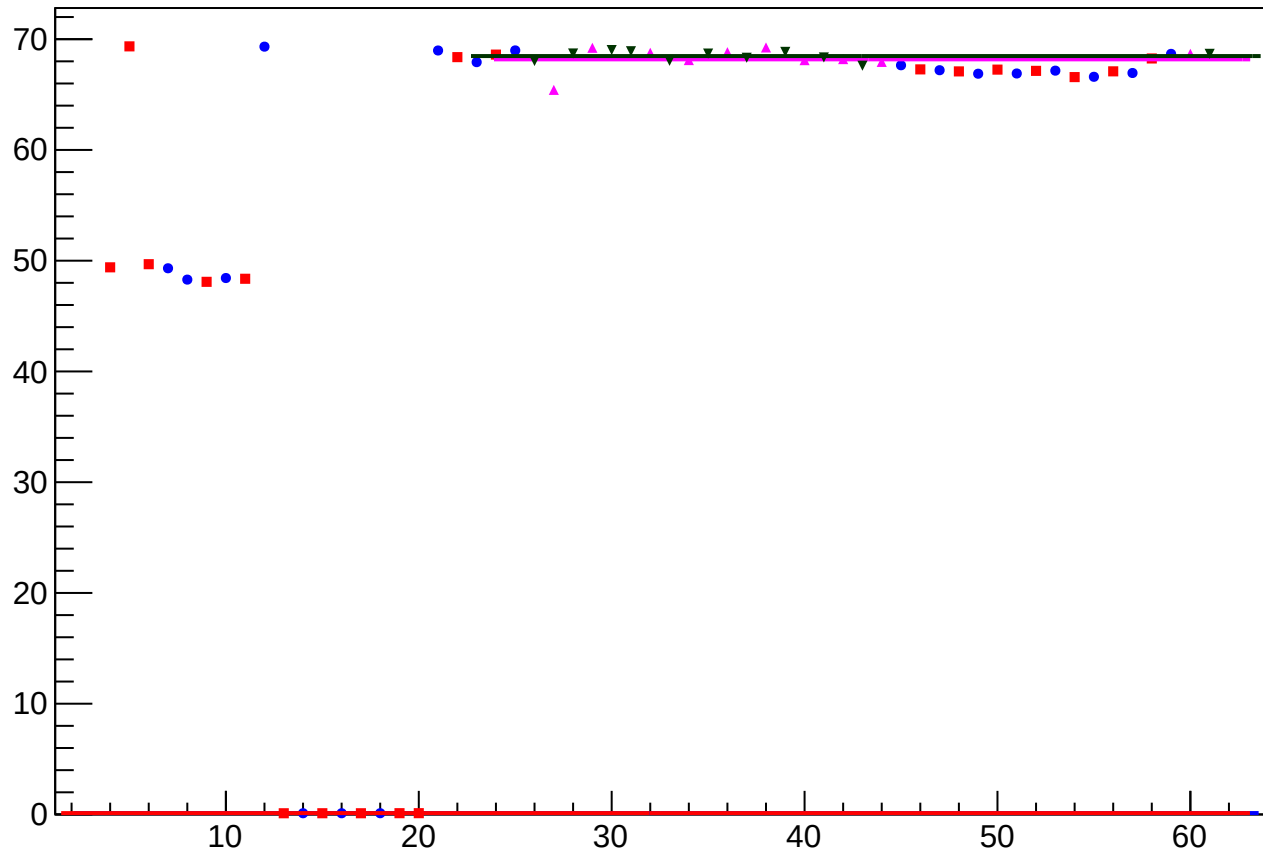
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

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

0.001+/-0.000 χ^2/NDF : 28287947.0/28

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

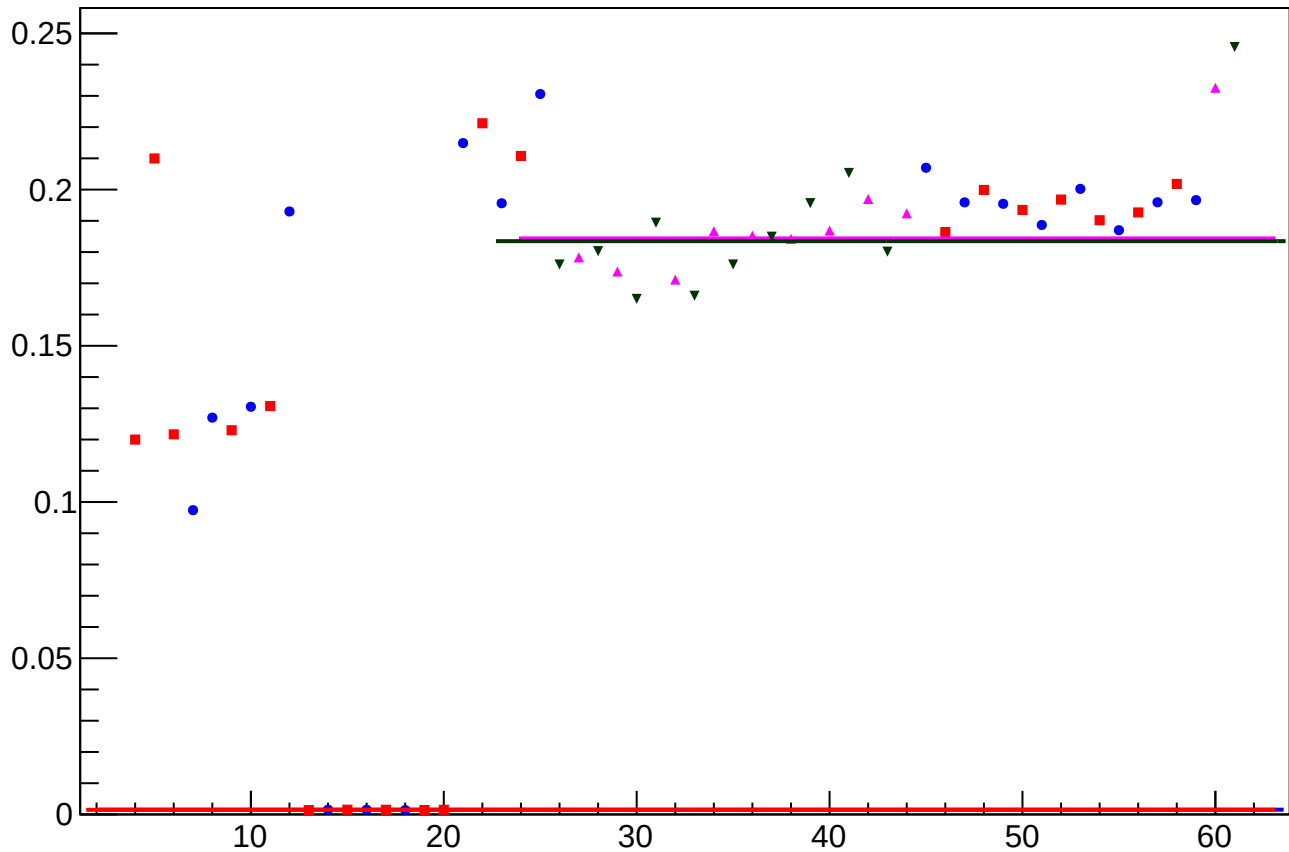
Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

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

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

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

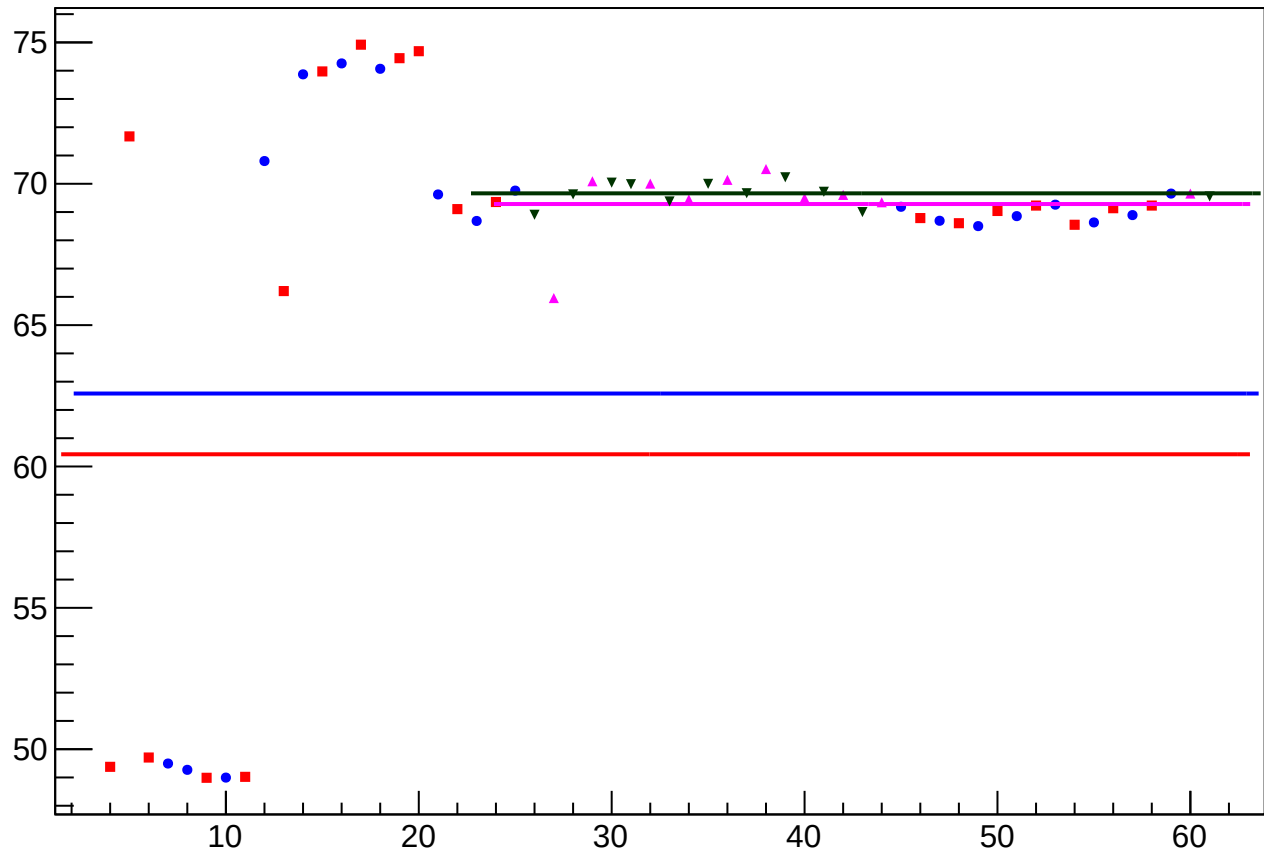
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 13535654.6/18

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

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

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

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.661 $\pm$ 0.000 χ^2/NDF : 24210152.0/10

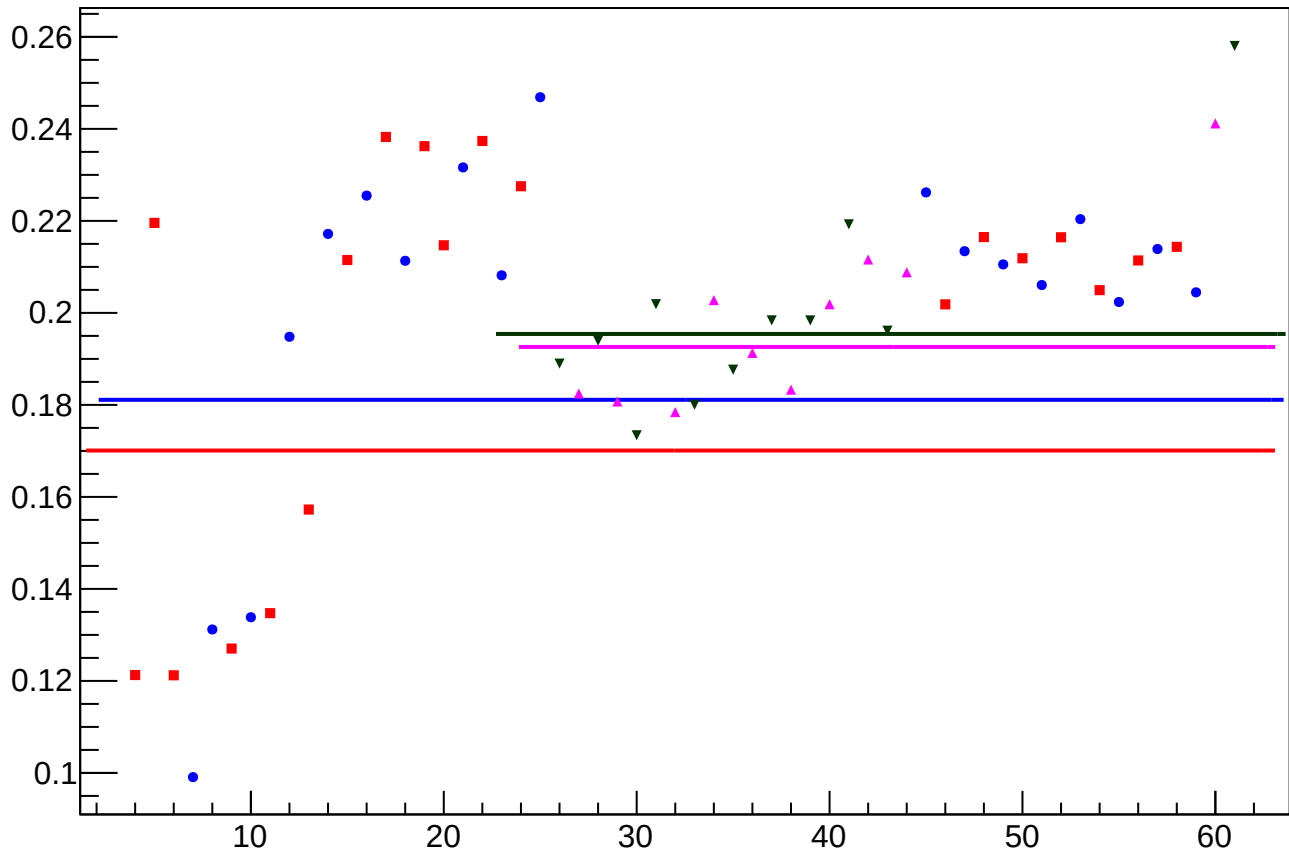
64.825 $\pm$ 0.000 χ^2/NDF : 38693288510.9/28

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

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

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

yield_bcm_dg_us_rms vs slug



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

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

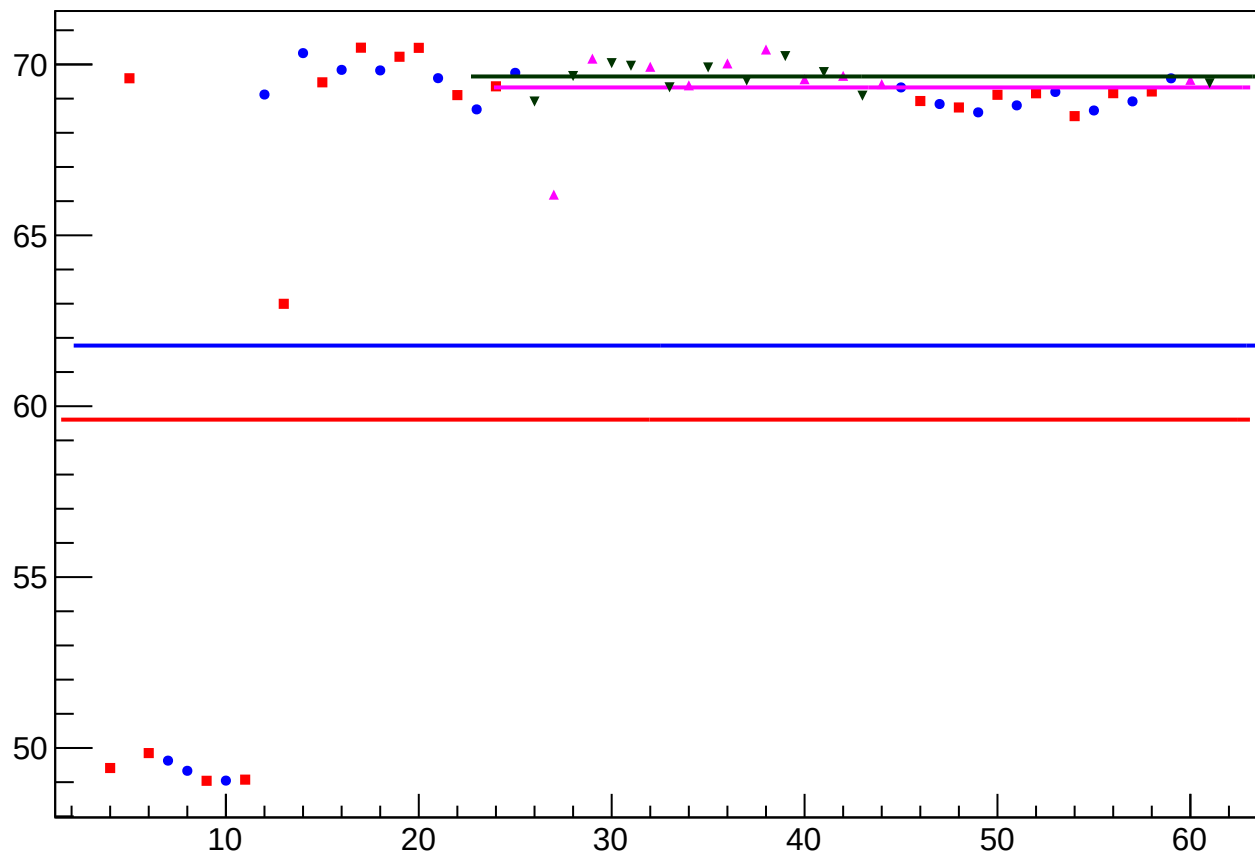
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

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

0.186+/-0.000 χ^2/NDF : 1347678.6/28

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: 69.648 $\pm$ 0.000 χ^2 /NDF: 24205017.5/10

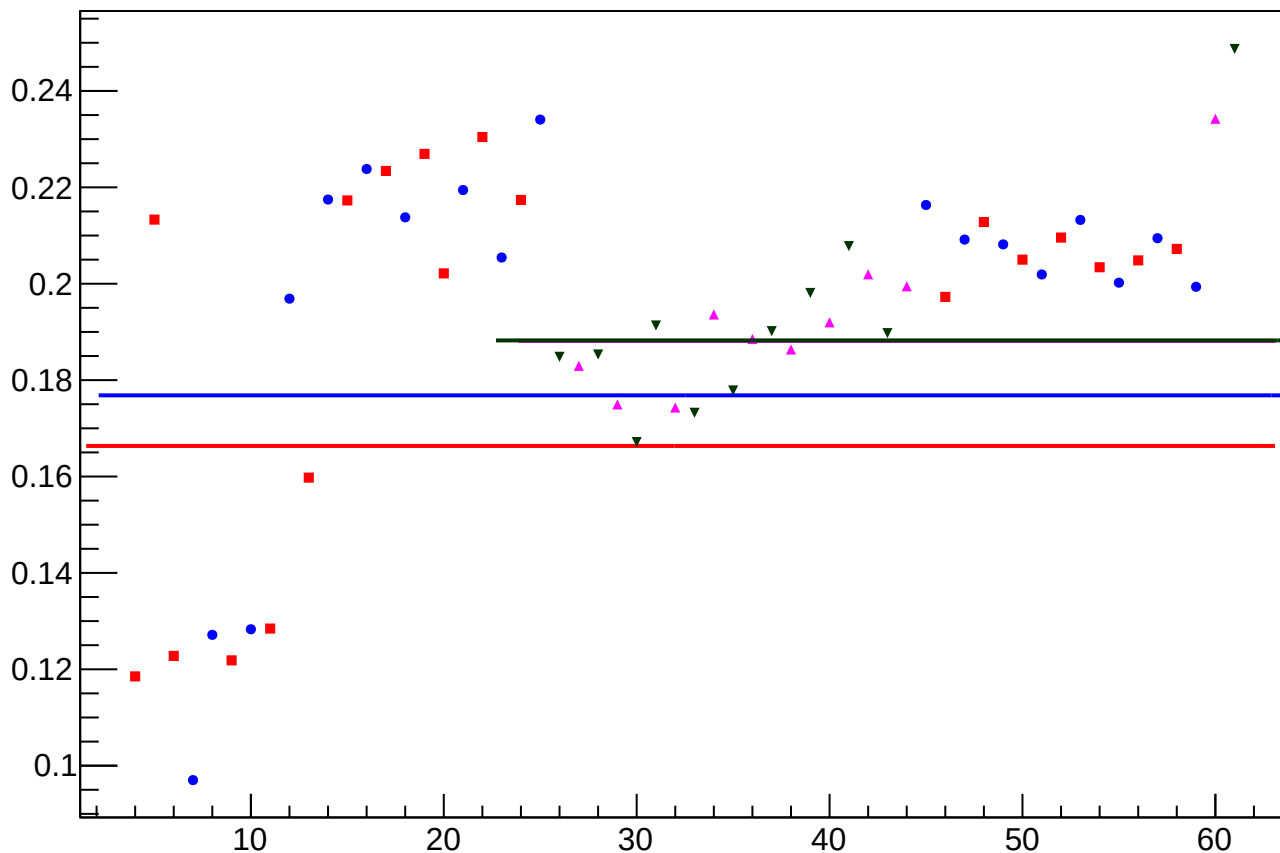
Right Out: 59.608 $\pm$ 0.000 χ^2 /NDF: 29547406430.8/18

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

64.321 $\pm$ 0.000 χ^2 /NDF: 37580875756.5/28

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: 0.188+/-0.000 χ^2/NDF : 90829.0/10

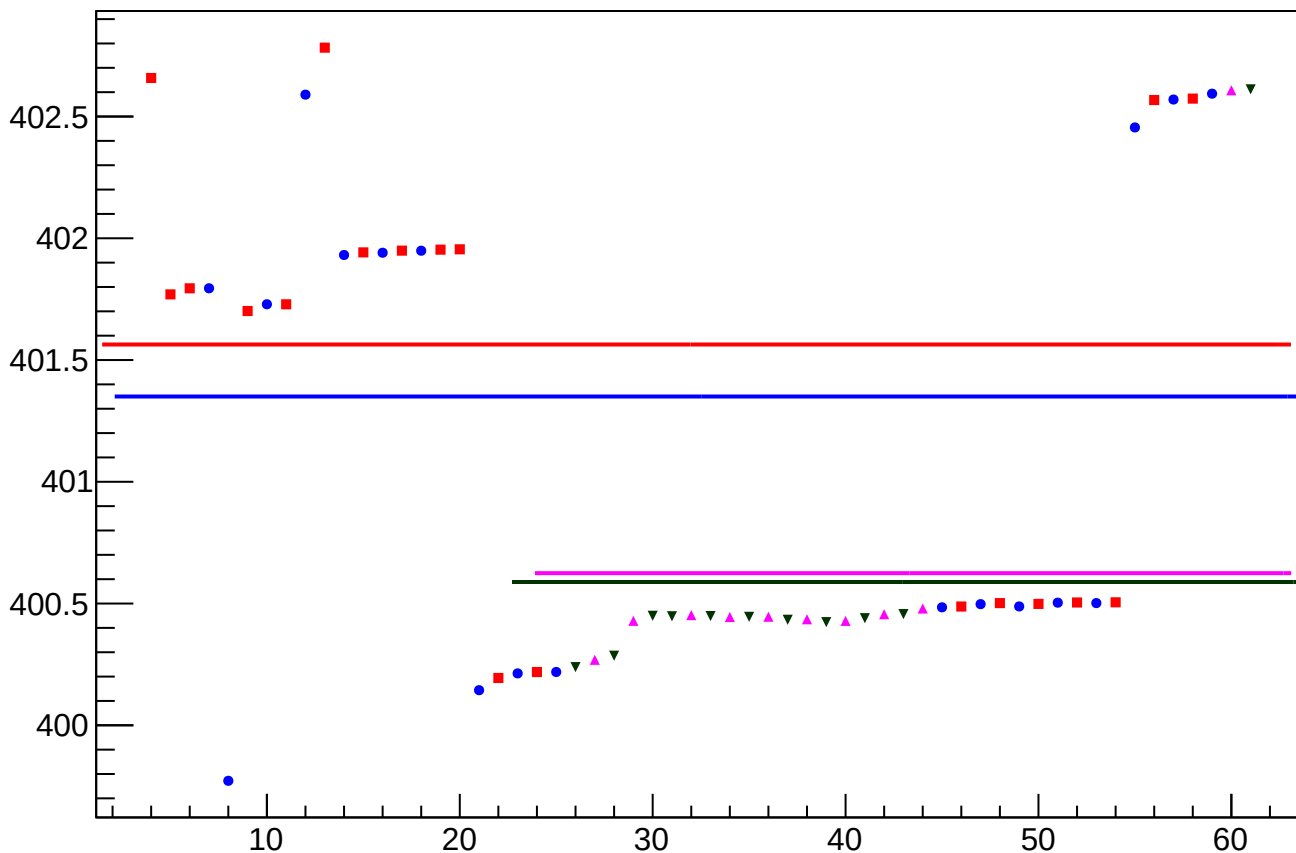
Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

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

0.181+/-0.000 χ^2/NDF : 1395082.4/28

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

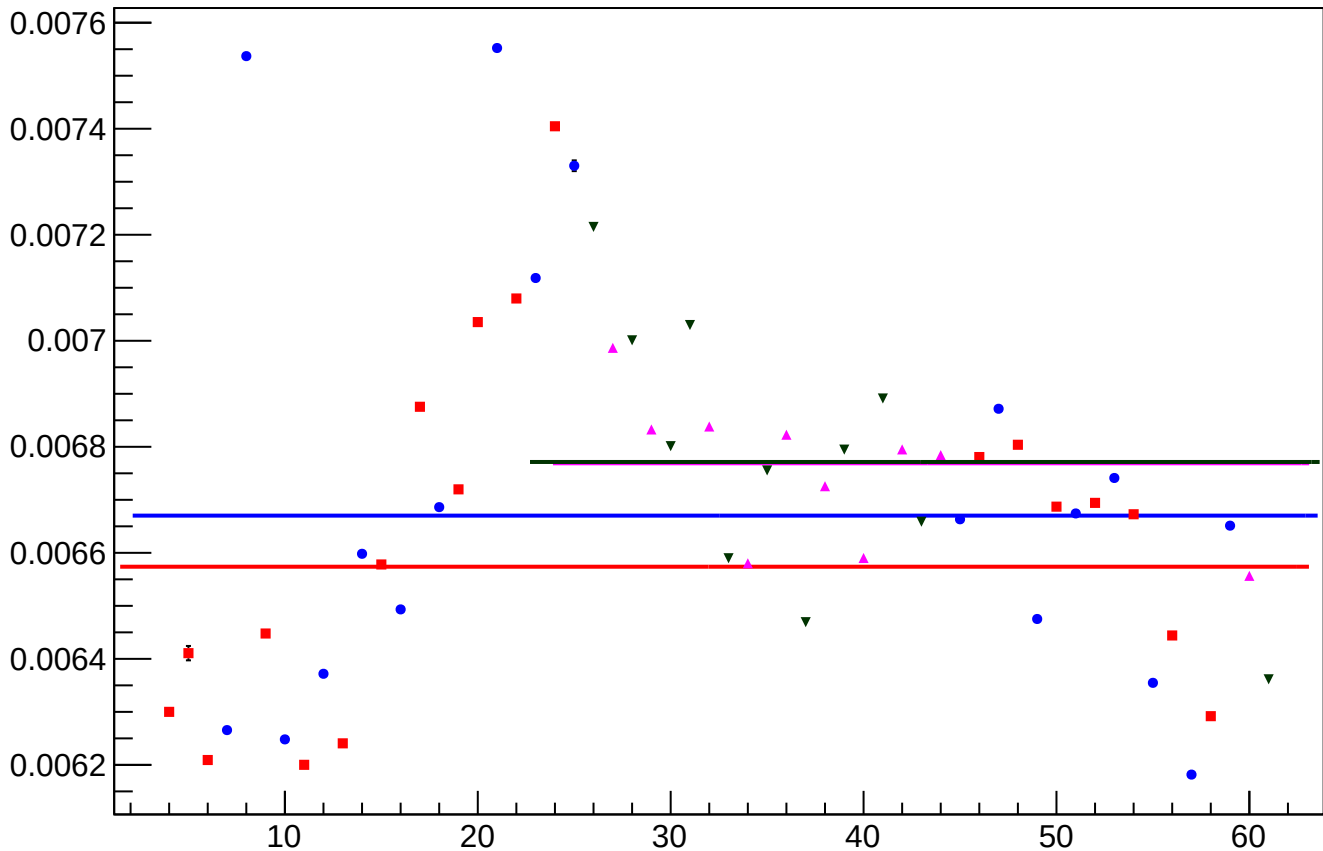
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

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

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

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 :13638.3/10

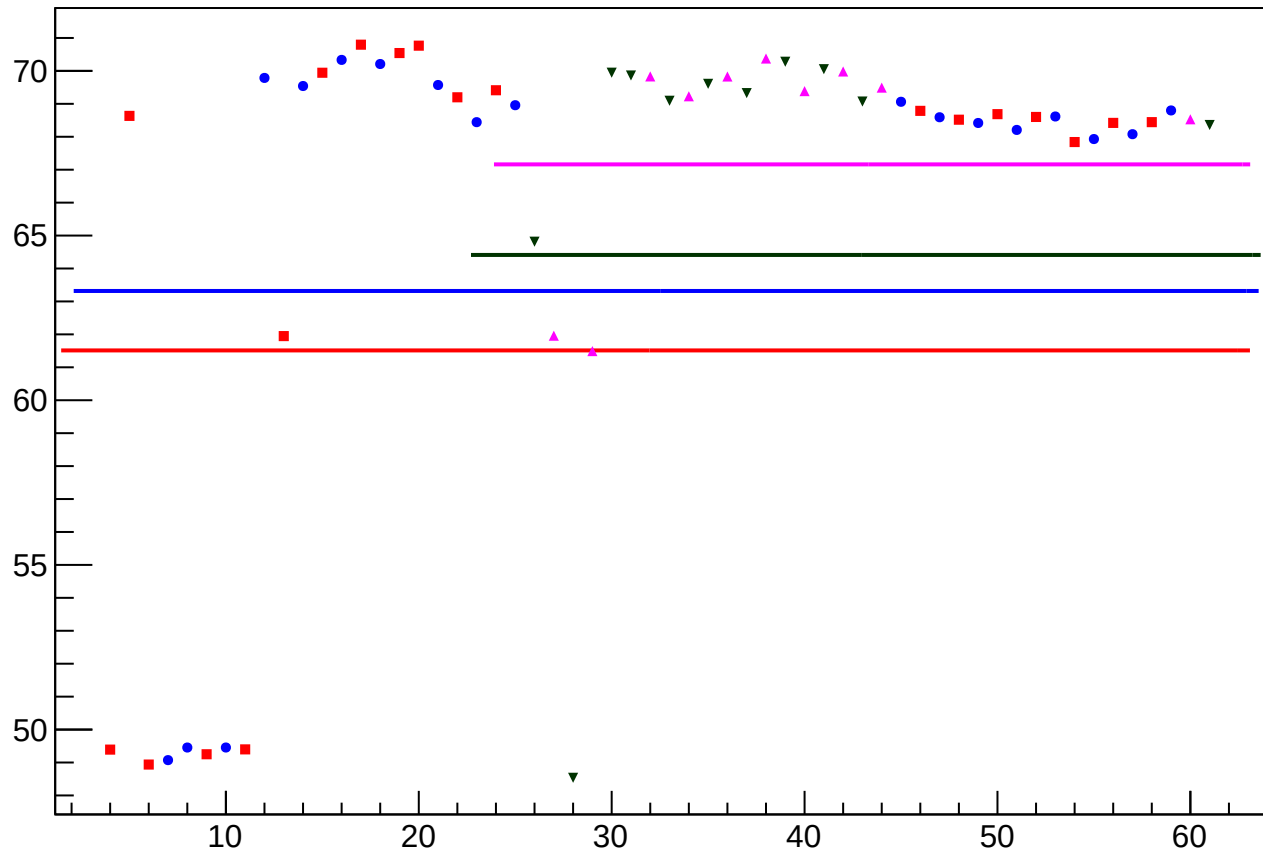
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

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

0.007+/-0.000 χ^2/NDF : 92045.6/28

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: 64.412 ± 0.000 χ^2/NDF : 8652891855.9/10

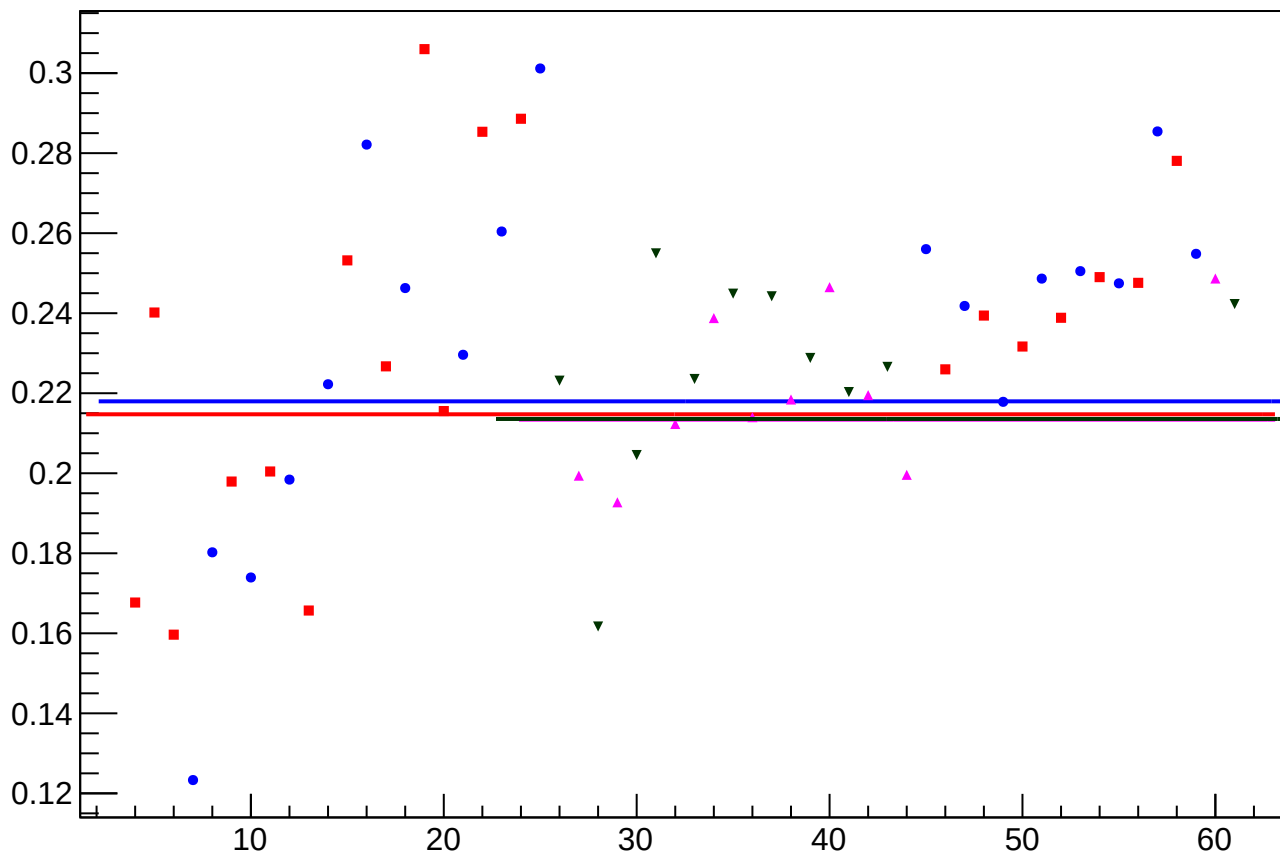
Right Out: 61.513 ± 0.000 χ^2/NDF : 15349624825.1/18

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

63.700 ± 0.000 χ^2/NDF : 25788801162.2/28

63.754 ± 0.000 χ^2/NDF : 19377845218.6/28

yield_cav4cQ_rms vs slug



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

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

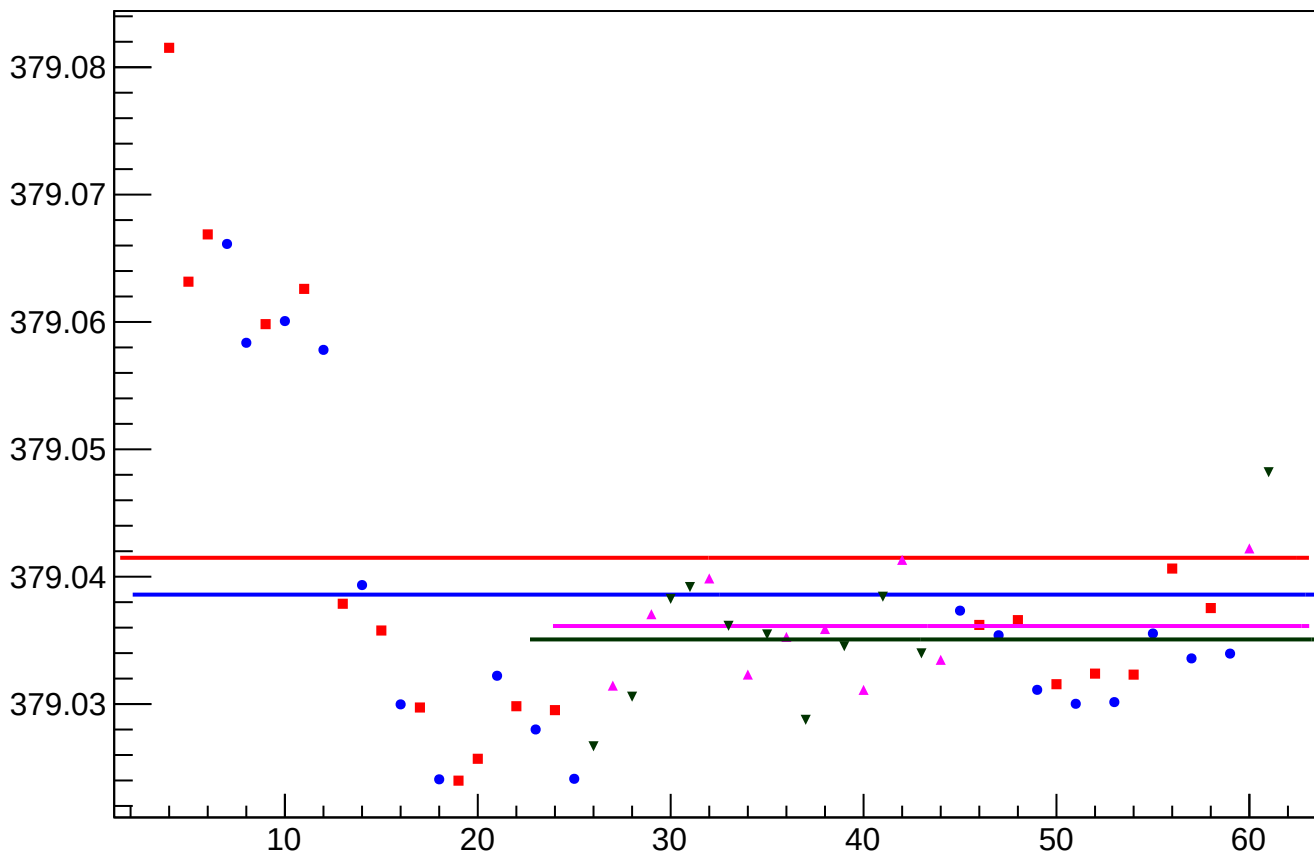
Right Out: 0.215+/-0.000 χ^2/NDF : 631176.3/18

Left In: 0.213+/-0.000 χ^2/NDF : 77271.0/9

0.216+/-0.000 χ^2/NDF : 951576.0/28

0.214+/-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: 379.035 $\pm$ 0.000 χ^2 /NDF:3441534.2/10

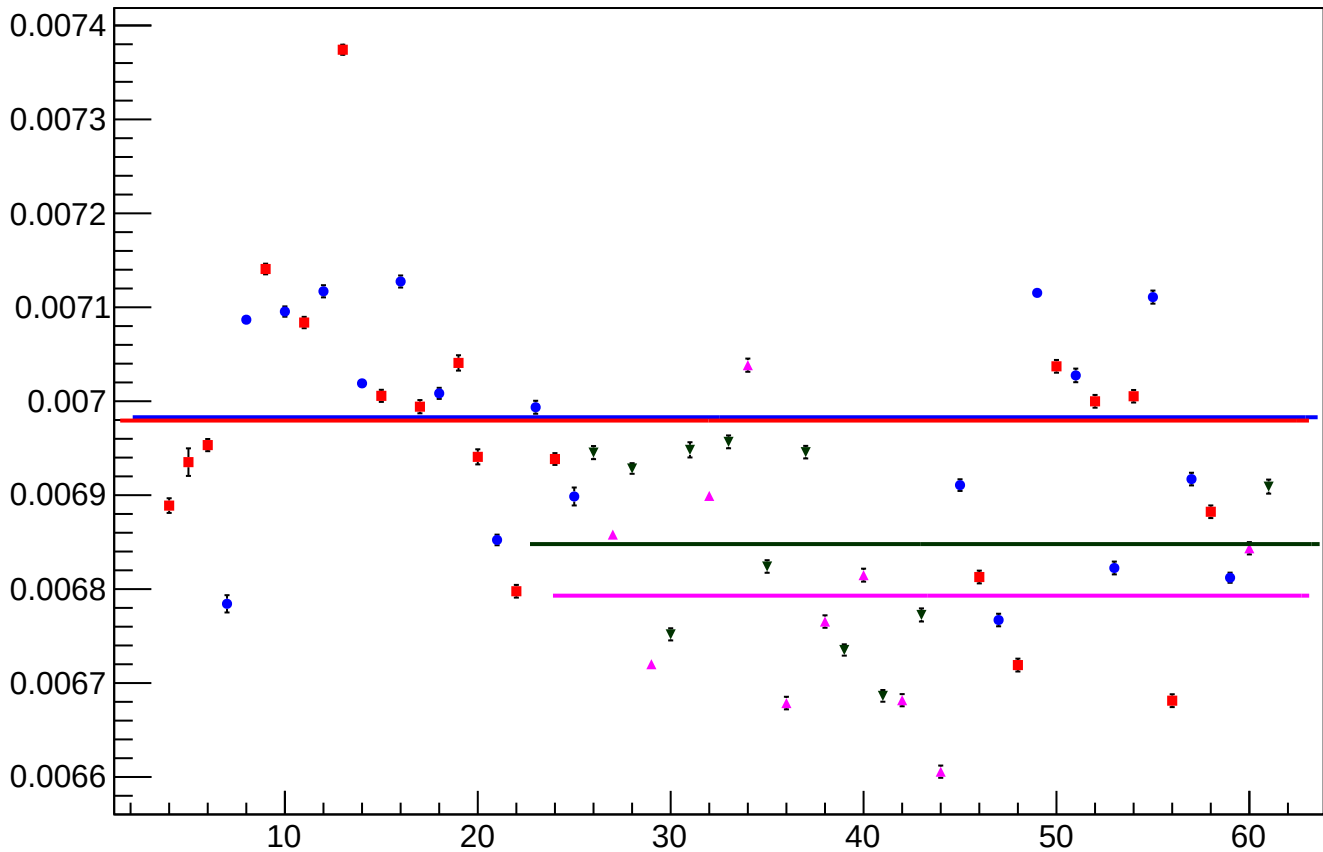
Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

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

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

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

yield_cav4dQ_rms vs slug



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

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:2451.3/10

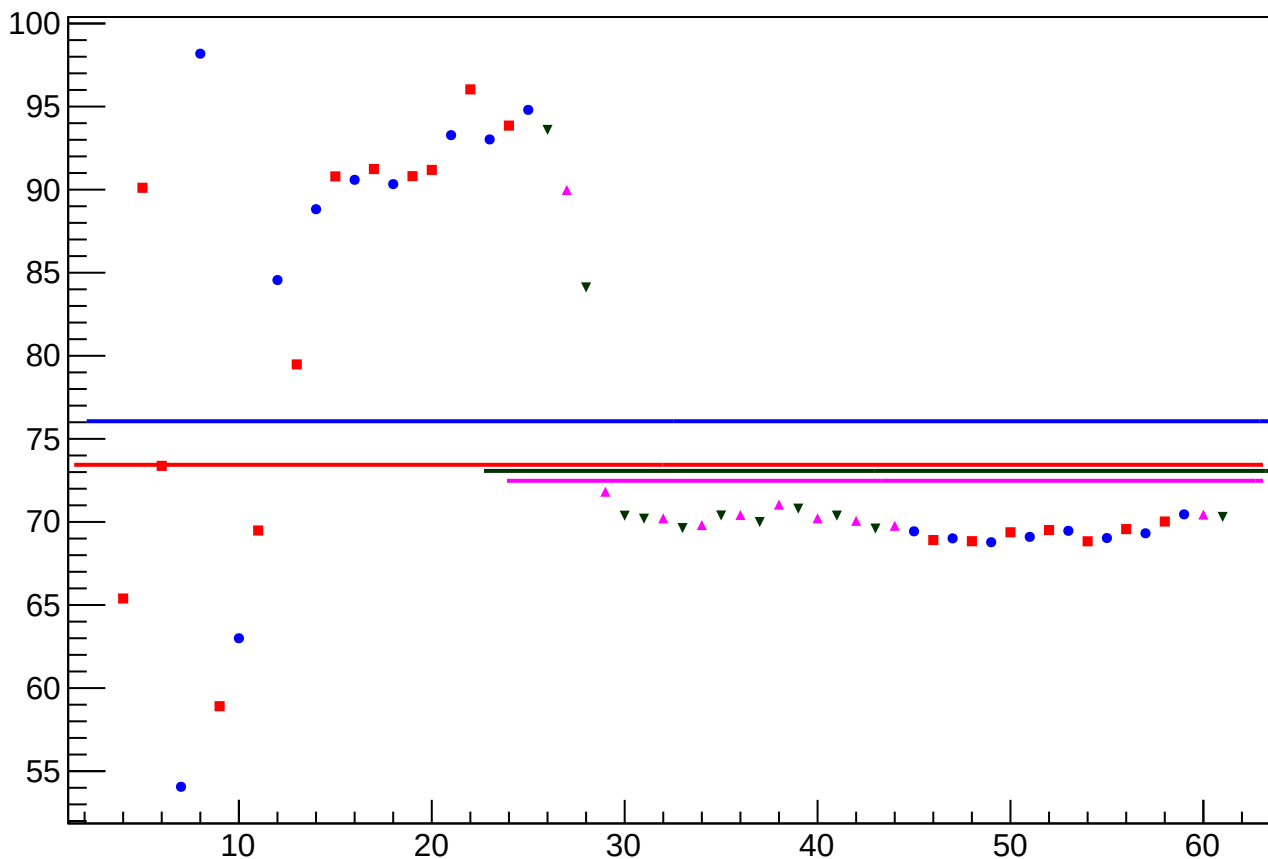
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 11747.2/18

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

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

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

yield_bcm0l02_mean vs slug



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

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

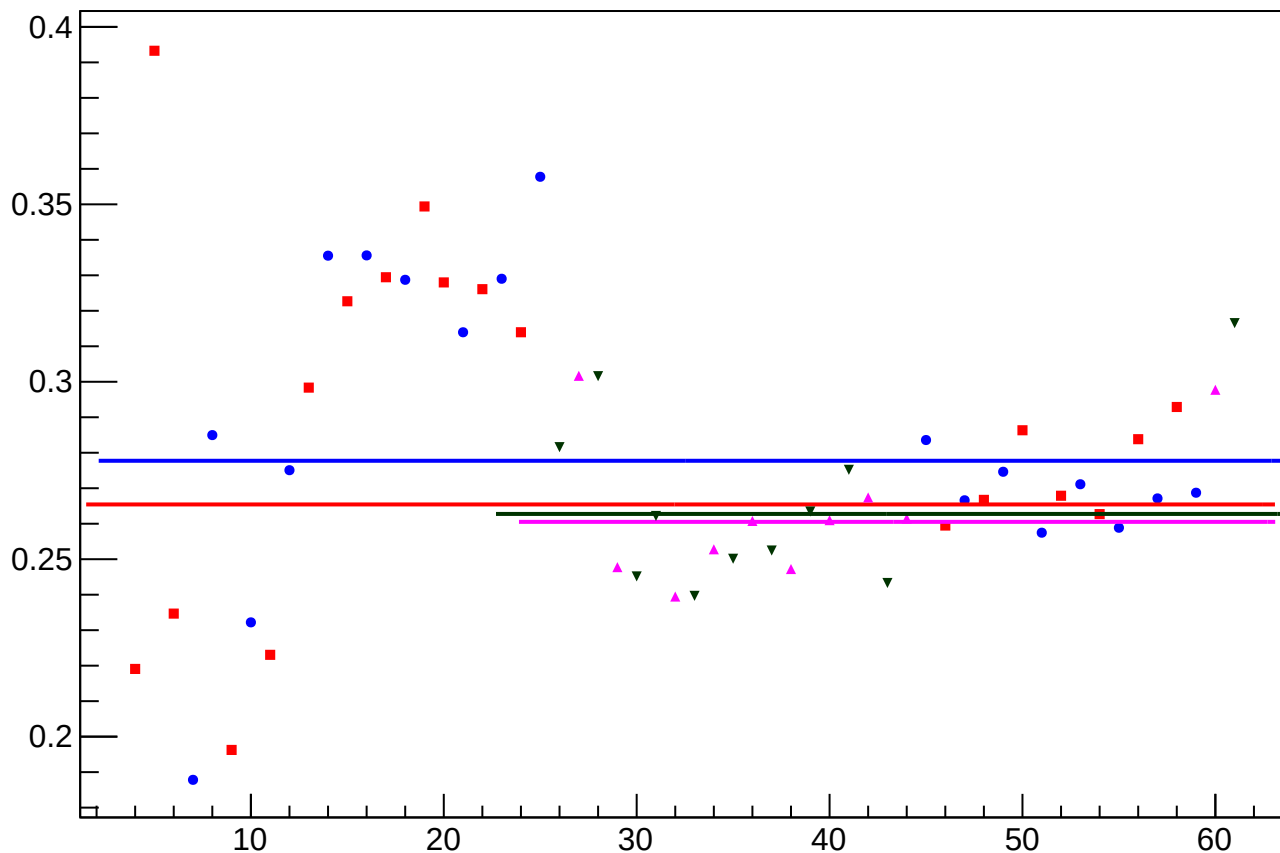
Right Out: 73.439+/-0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.476+/-0.000 χ^2 /NDF: 2955053801.5/9

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

73.049+/-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: 0.263+/-0.000 χ^2/NDF : 73224.9/10

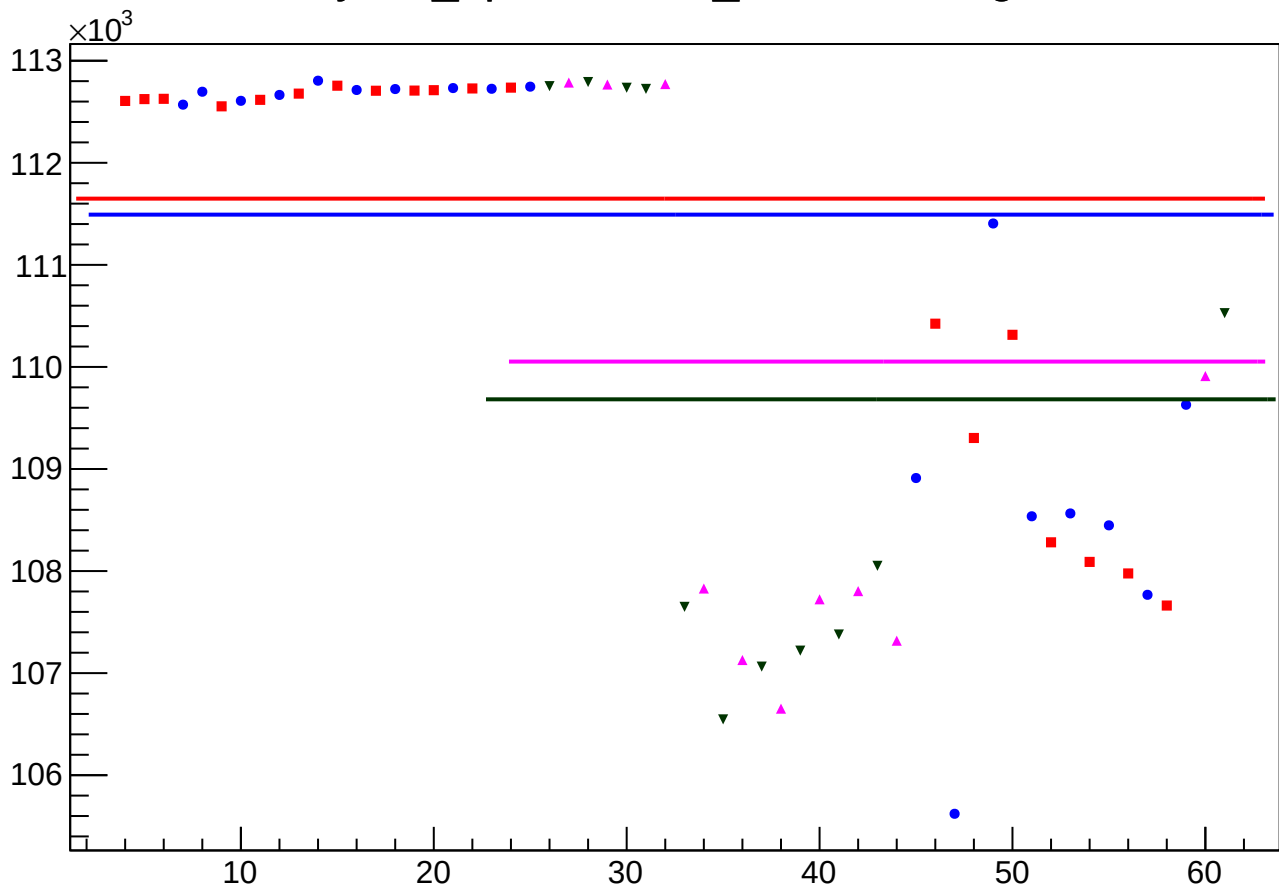
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

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

0.272+/-0.000 χ^2/NDF : 465384.2/28

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

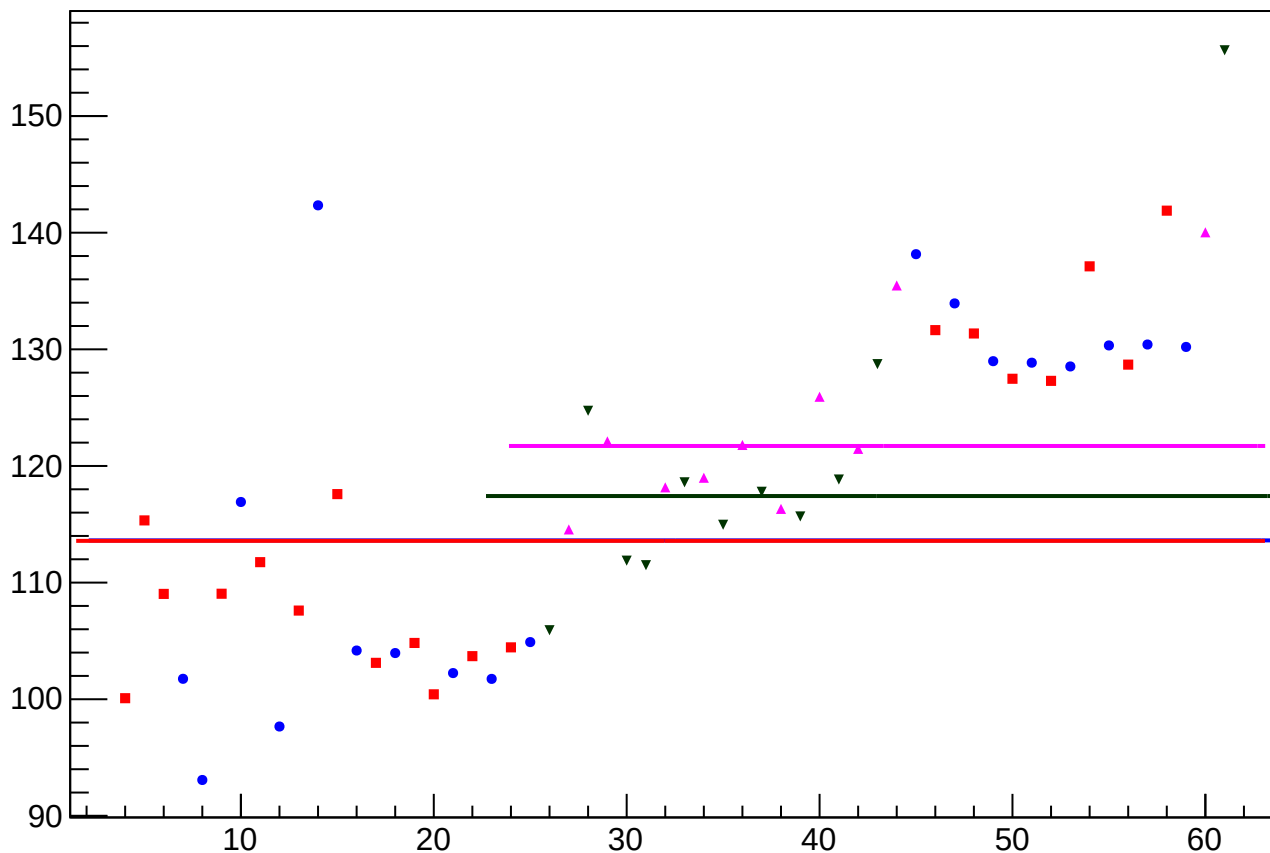
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

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

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

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

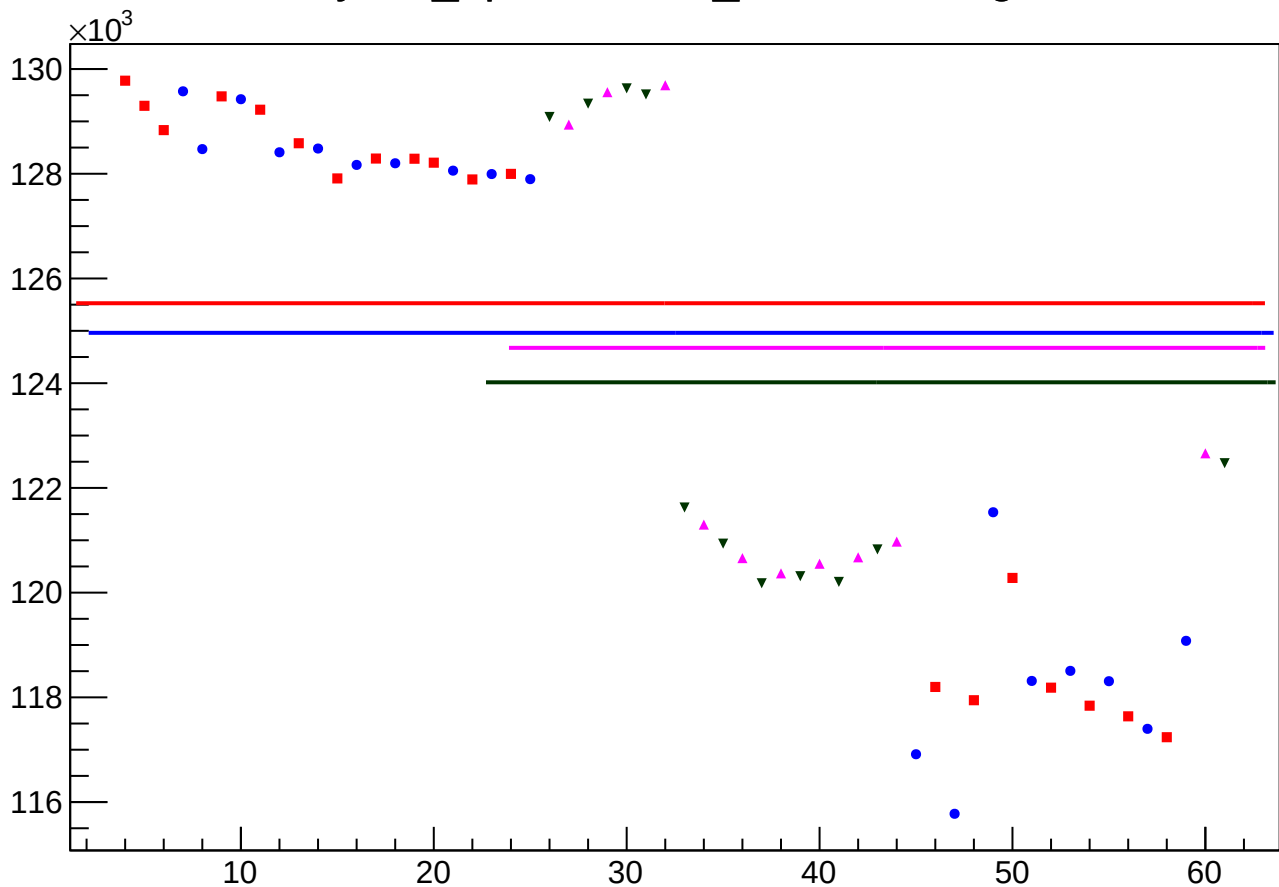
Right Out: 113.579+/-0.026 χ^2/NDF : 206805.2/18

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

114.799+/-0.021 χ^2/NDF : 486499.4/28

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

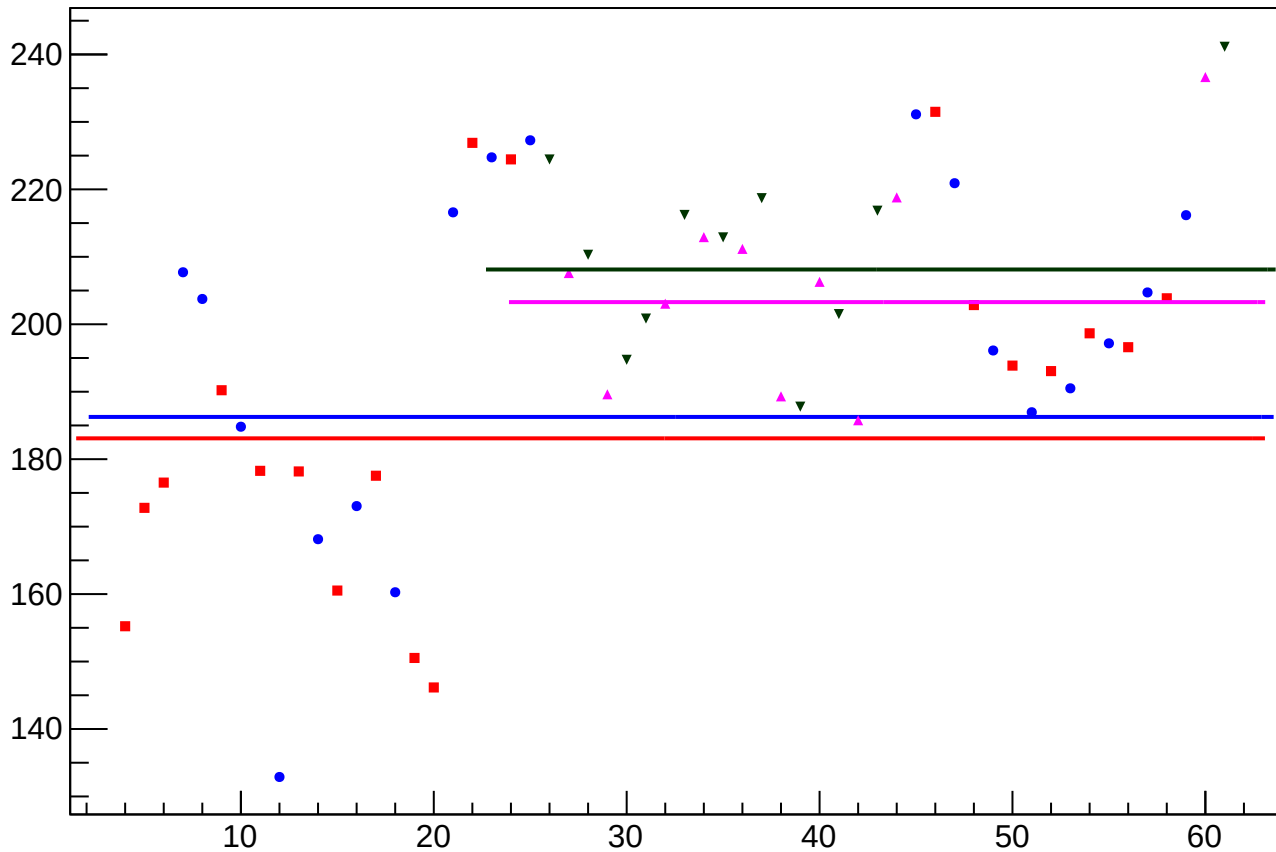
Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18

Left In: 124675.123 $\pm$ 0.082 χ^2 /NDF: 2648415748.3/9

124684.958 $\pm$ 0.048 χ^2 /NDF: 9602726804.9/28

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

yield_bpm0i07WS_rms vs slug



Right In: 186.263 $\pm$ 0.040 χ^2 /NDF: 462392.0/17

Left Out: 208.120 $\pm$ 0.062 χ^2 /NDF:44383.0/10

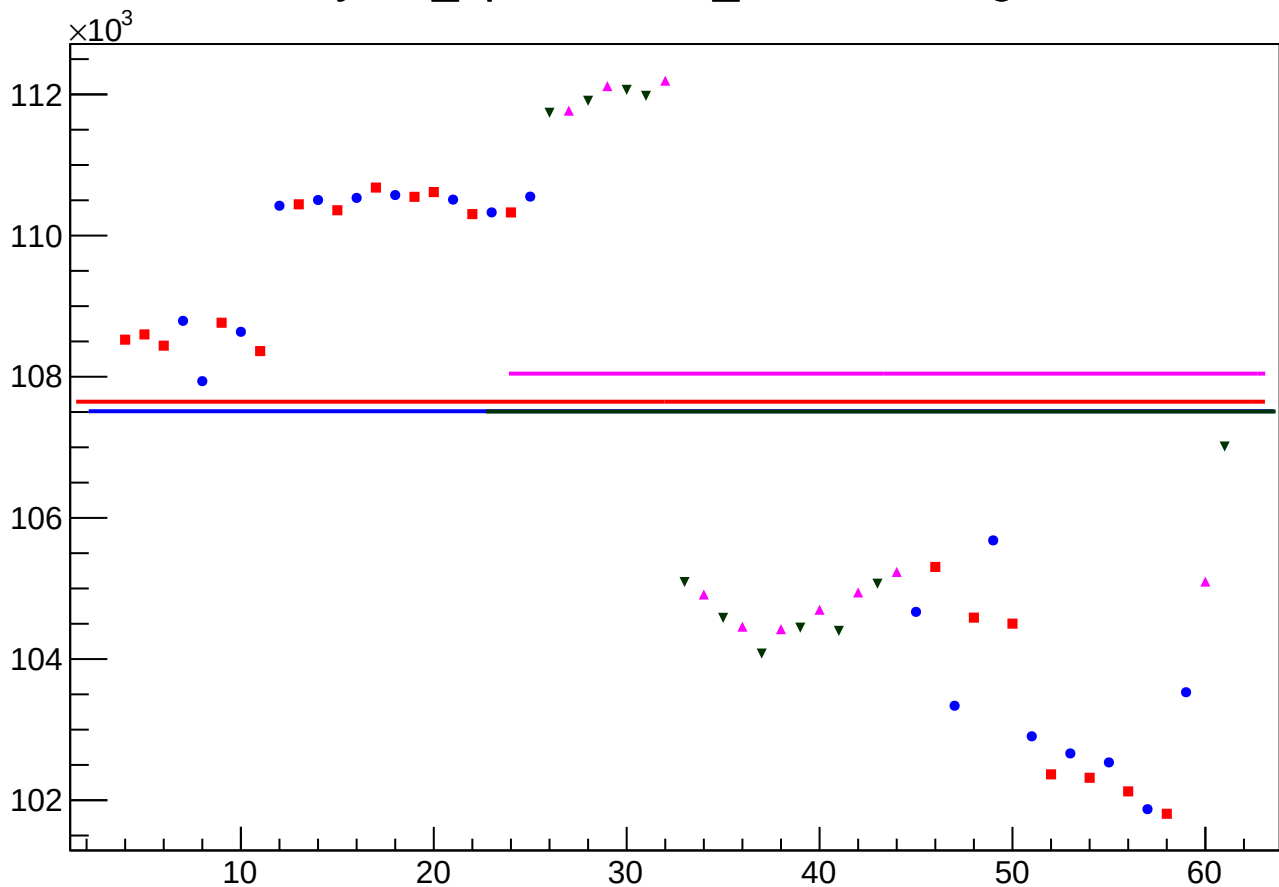
Right Out: 183.088 $\pm$ 0.042 χ^2 /NDF: 276420.3/18

Left In: 203.285 $\pm$ 0.058 χ^2 /NDF:53701.6/9

192.666 $\pm$ 0.034 χ^2 /NDF: 593575.3/28

190.022 $\pm$ 0.034 χ^2 /NDF: 409110.6/28

yield_bpm0l01WS_mean vs slug



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

Left Out: 107507.827 $\pm$ 0.049 χ^2 /NDF: 5324036291.9/10

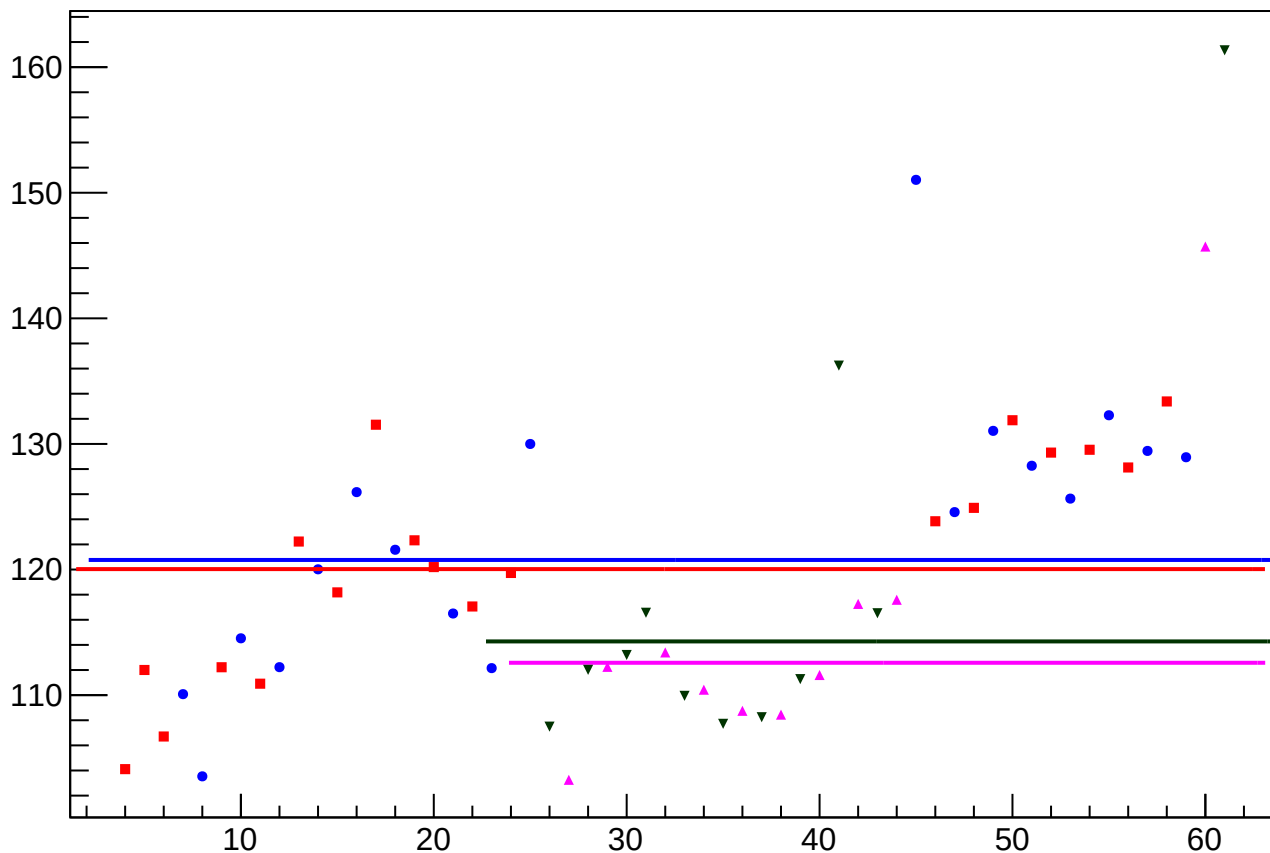
Right Out: 107646.372 $\pm$ 0.039 χ^2 /NDF: 6547636060.9/18

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

107510.095 $\pm$ 0.029 χ^2 /NDF: 12869406074.7/2

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

yield_bpm0l01WS_rms vs slug



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

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

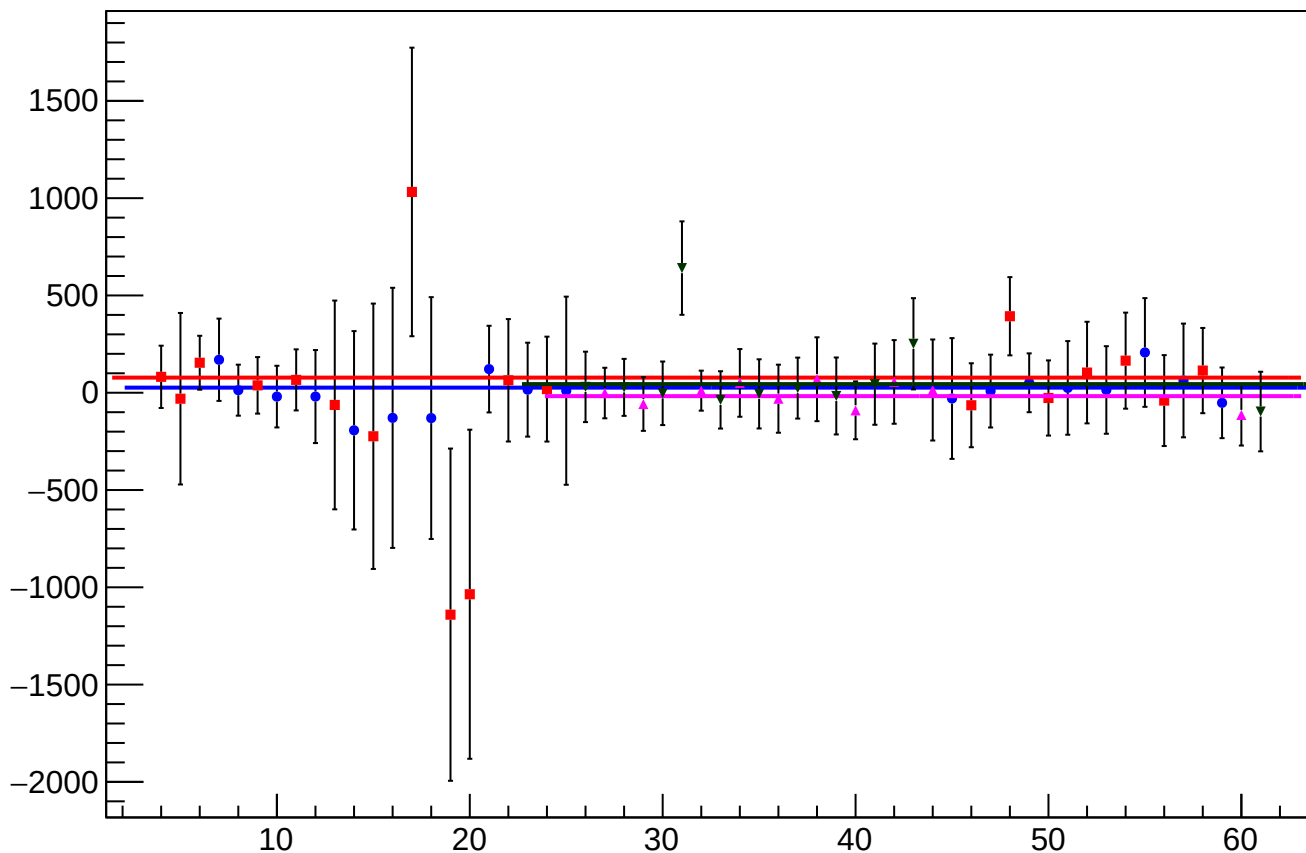
Right Out: 120.035 ± 0.028 χ^2/NDF : 93920.3/18

Left In: 112.577 ± 0.032 χ^2/NDF : 73779.4/9

118.424 ± 0.021 χ^2/NDF : 272874.6/28

116.899 ± 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: 44.420+/-54.149 χ^2/NDF : 8.0/10

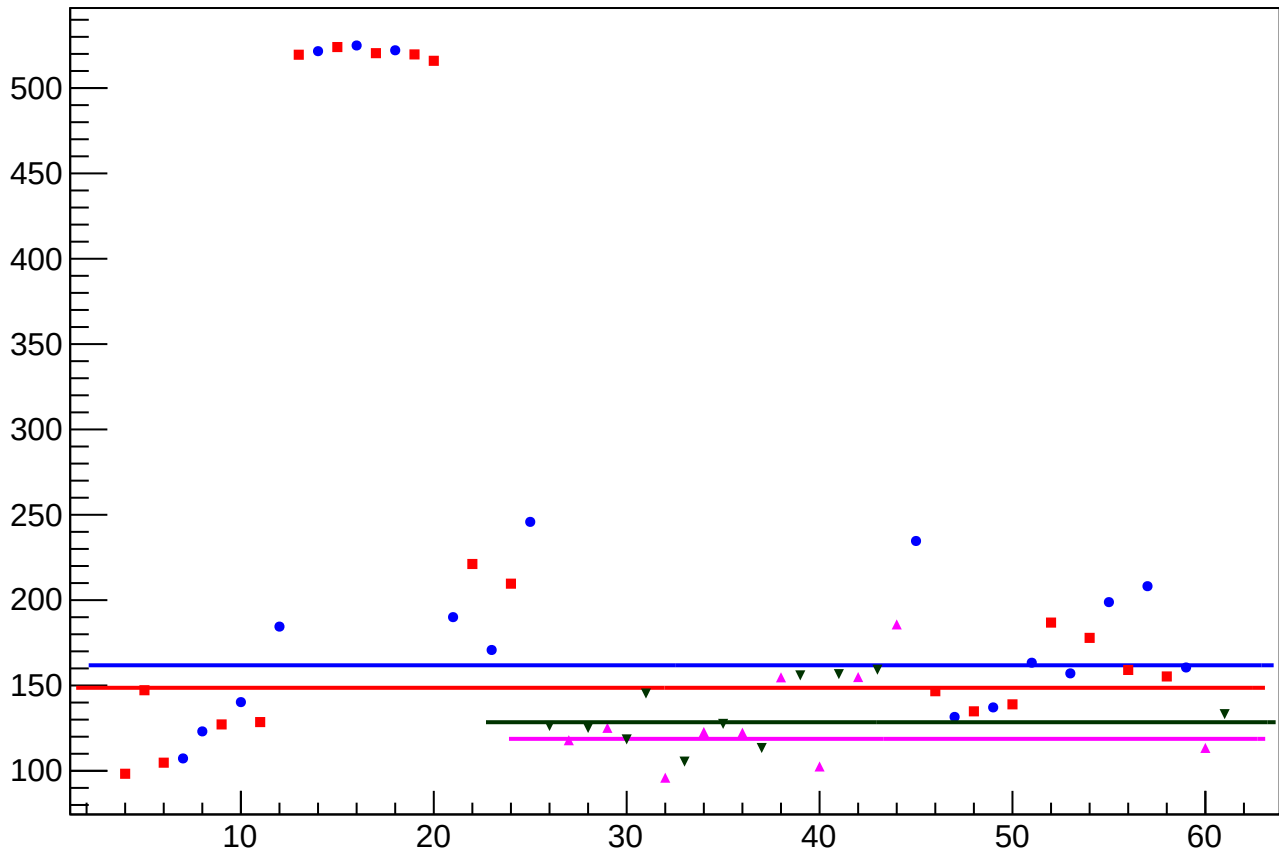
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -17.487+/-49.037 χ^2/NDF : 1.2/9

35.054+/-37.696 χ^2/NDF : 9.8/28

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

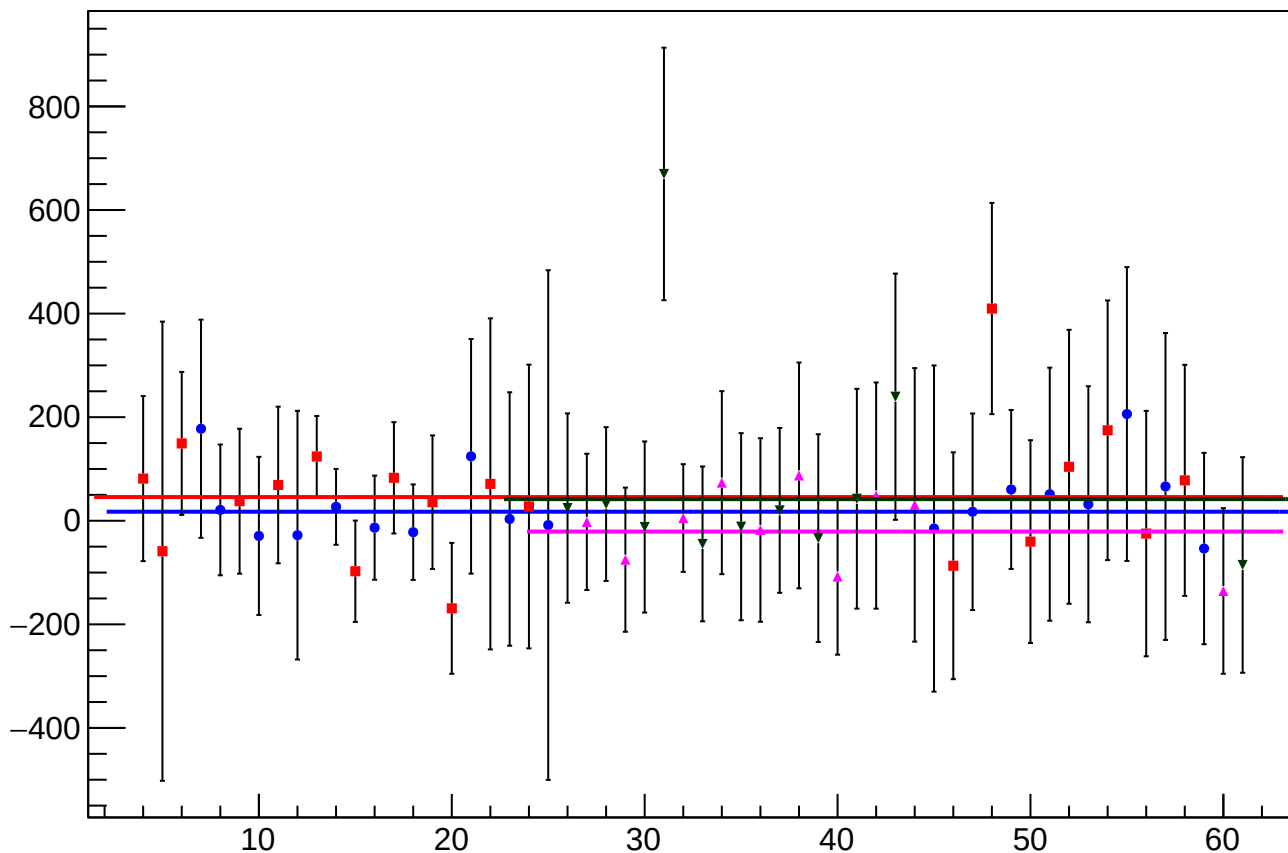
145.670+/-0.027 χ^2/NDF : 3606853.9/28

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

132.646+/-0.025 χ^2/NDF : 4317034.0/28

Left In: 118.733+/-0.035 χ^2/NDF :376292.9/9

asym_bcm_an_ds3_mean vs slug



Right In: 17.458 $\pm$ 36.313 χ^2 /NDF: 2.0/17

Left Out: 41.729 $\pm$ 54.921 χ^2 /NDF:8.4/10

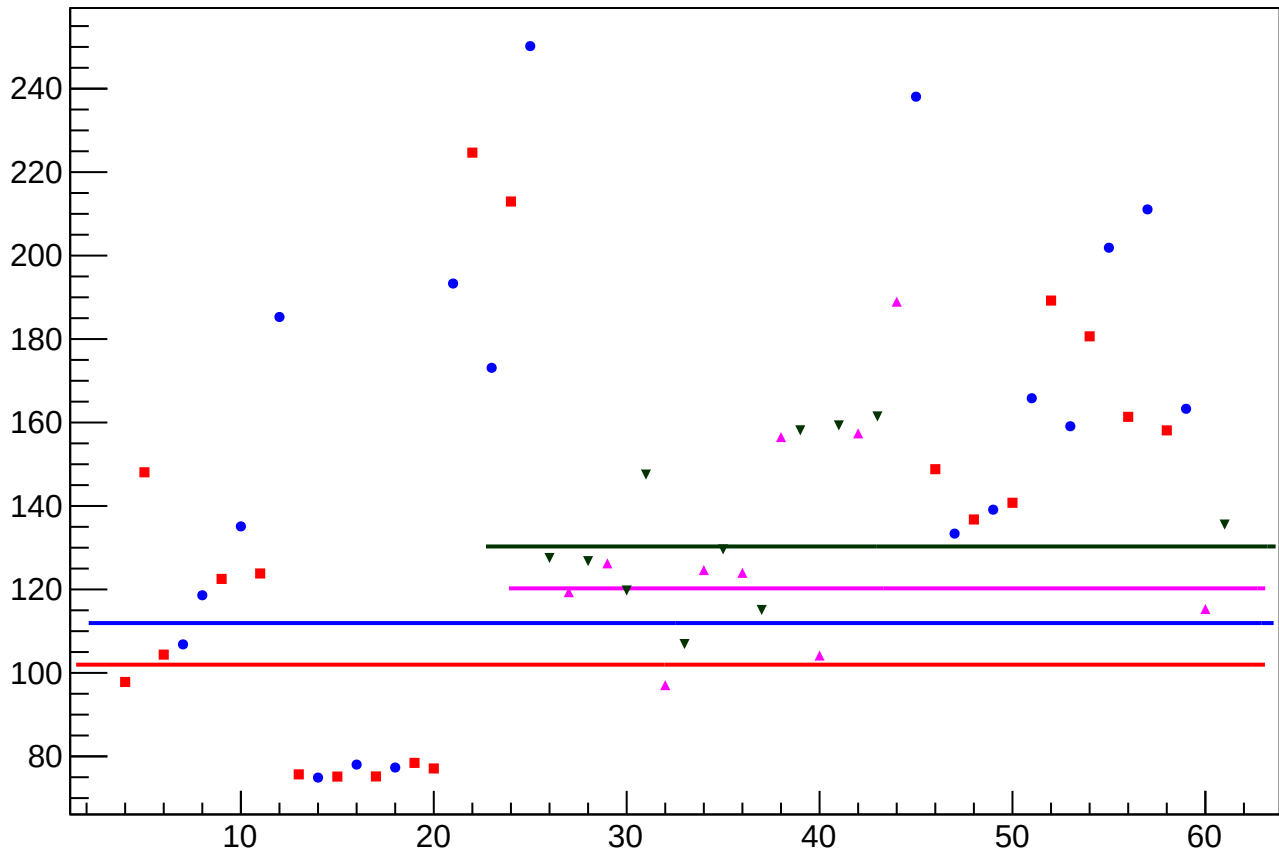
Right Out: 45.735 $\pm$ 34.677 χ^2 /NDF: 11.0/18

Left In: -20.849 $\pm$ 49.681 χ^2 /NDF:1.8/9

24.841 $\pm$ 30.291 χ^2 /NDF: 10.5/28

23.922 $\pm$ 28.435 χ^2 /NDF: 14.0/28

asym_bcm_an_ds3_rms vs slug



Right In: 111.942 $\pm$ 0.026 χ^2 /NDF: 2972725.0/17

Left Out: 130.296 $\pm$ 0.039 χ^2 /NDF:198538.6/10

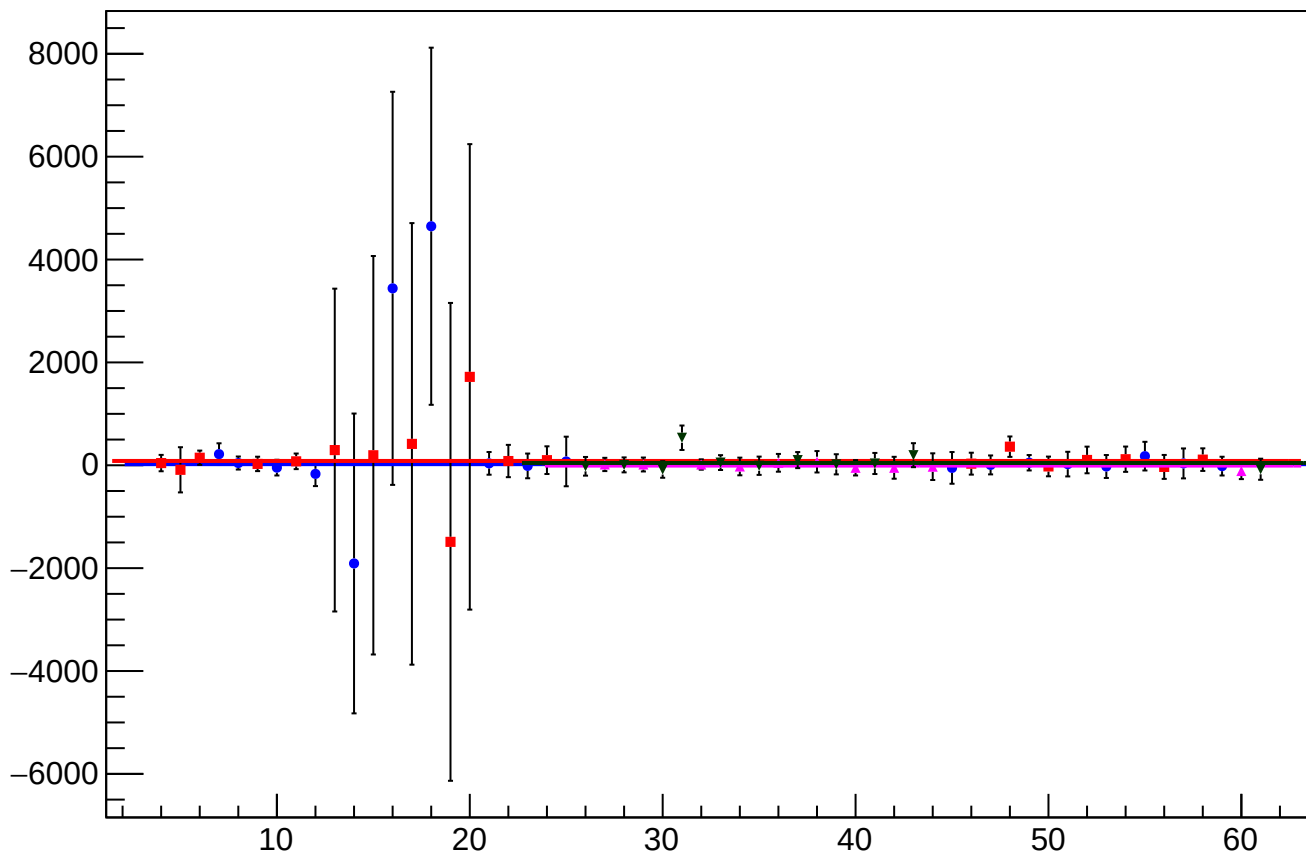
Right Out: 101.974 $\pm$ 0.025 χ^2 /NDF: 2271871.2/18

Left In: 120.258 $\pm$ 0.035 χ^2 /NDF:378604.7/9

117.525 $\pm$ 0.021 χ^2 /NDF: 3326694.9/28

107.963 $\pm$ 0.020 χ^2 /NDF: 2832632.0/28

asym_bcm_an_us_mean vs slug



Right In: 21.772+/-52.365 χ^2/NDF : 5.3/17

Left Out: 44.866+/-53.707 χ^2/NDF : 6.1/10

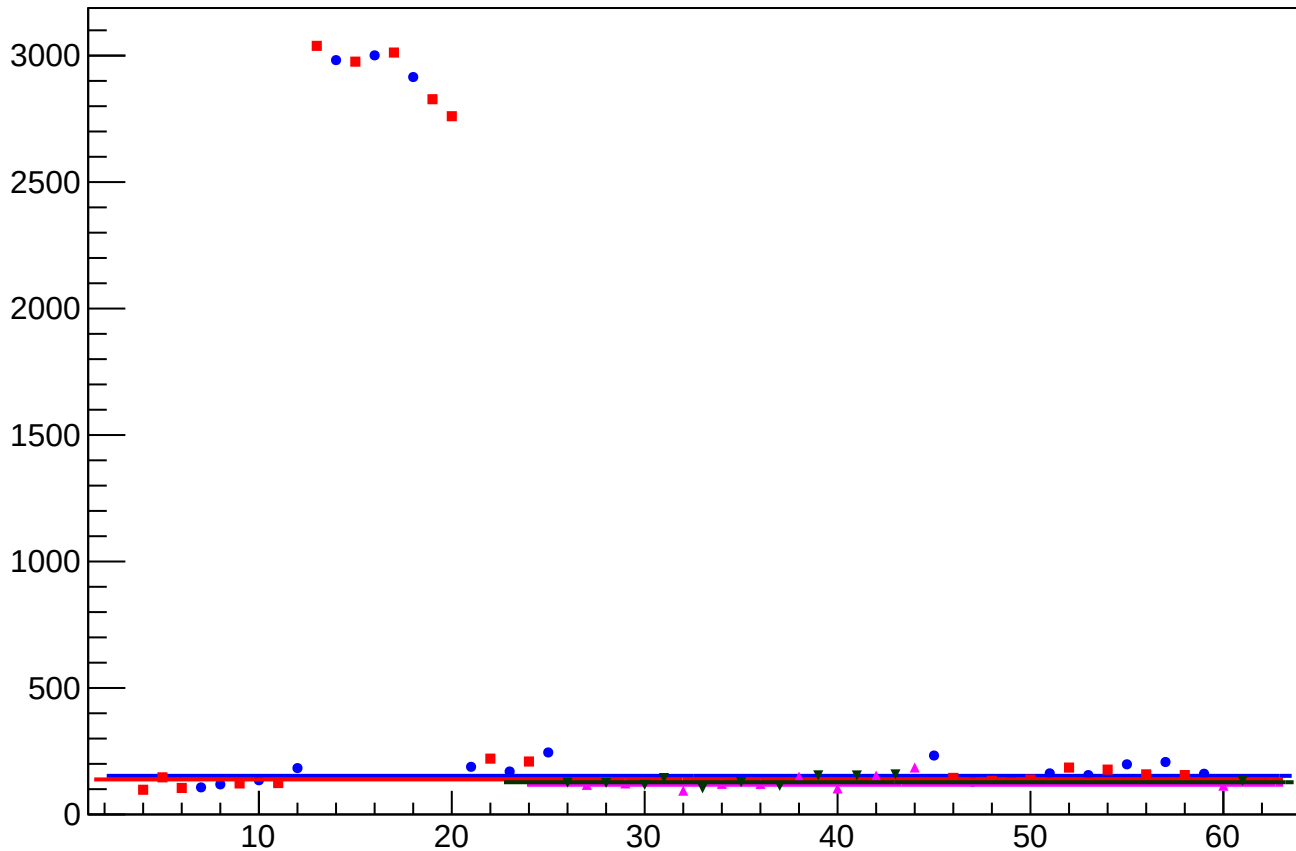
Right Out: 84.092+/-52.636 χ^2/NDF : 3.5/18

Left In: -5.789+/-48.466 χ^2/NDF : 0.9/9

33.027+/-37.493 χ^2/NDF : 11.4/28

35.451+/-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: 127.323+/-0.038 χ^2/NDF : 203210.0/10

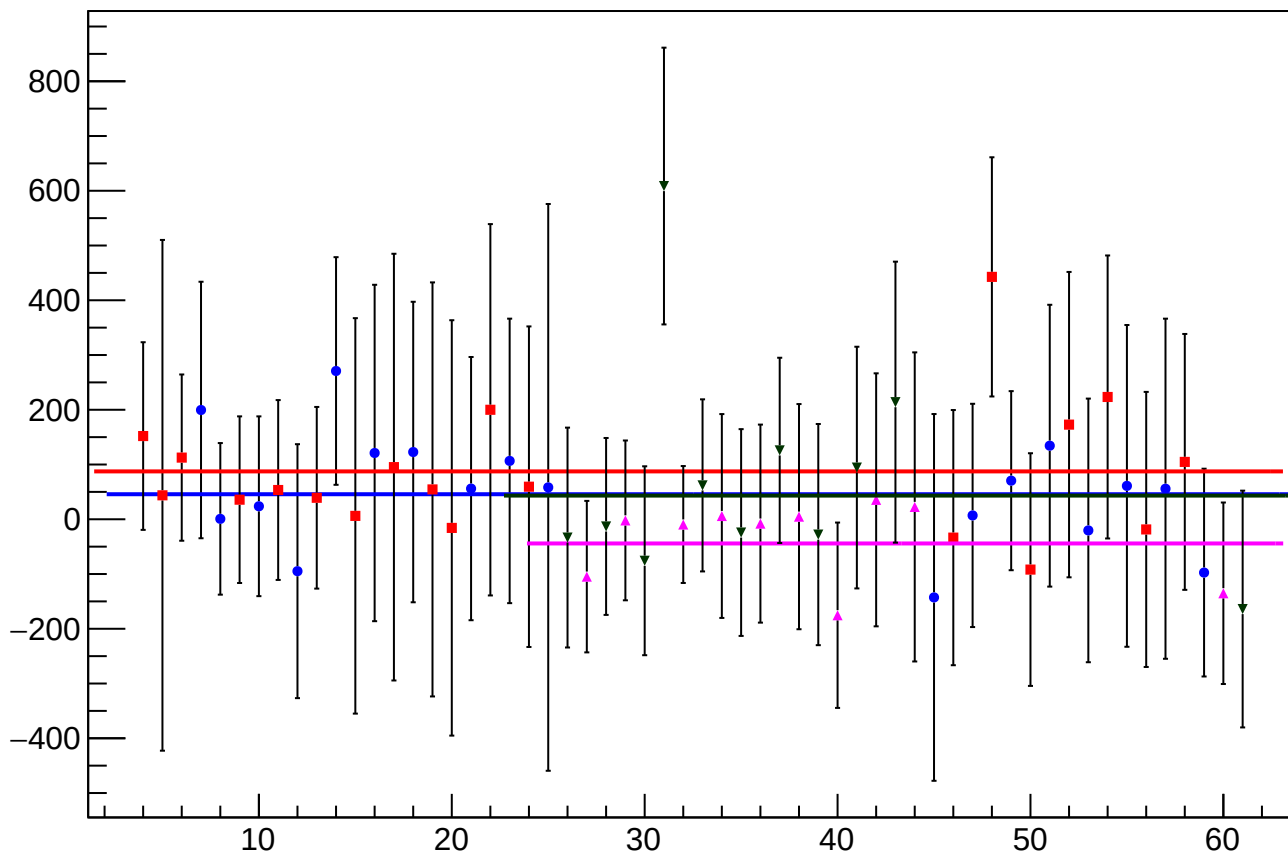
140.296+/-0.027 χ^2/NDF : 5448464.8/28

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 $\pm$ 52.604 χ^2 /NDF: 3.4/17

Left Out: 43.262 $\pm$ 57.983 χ^2 /NDF: 7.7/10

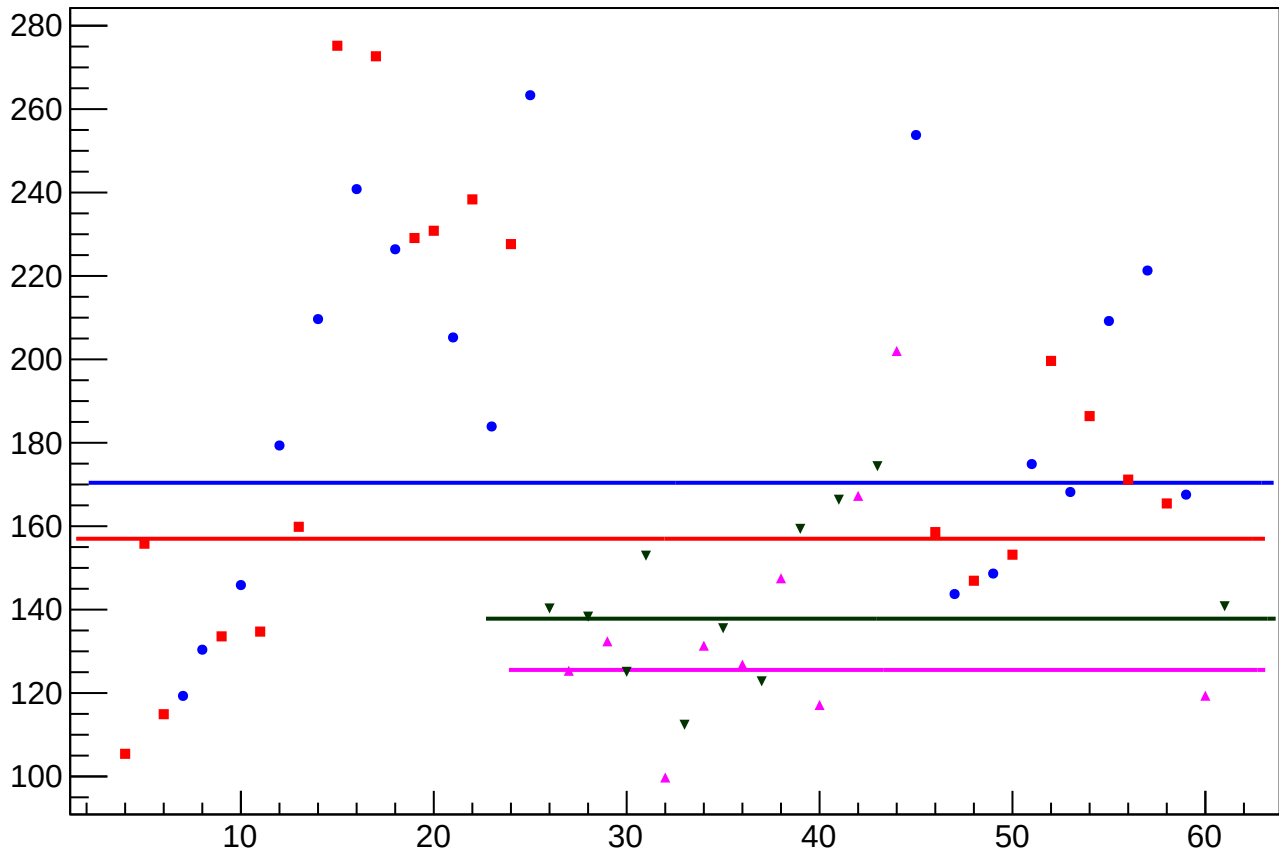
Right Out: 87.434 $\pm$ 51.940 χ^2 /NDF: 4.9/18

Left In: -44.178 $\pm$ 51.809 χ^2 /NDF: 1.6/9

44.621 $\pm$ 38.960 χ^2 /NDF: 11.1/28

21.462 $\pm$ 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: 137.831+/-0.041 χ^2/NDF :183914.4/10

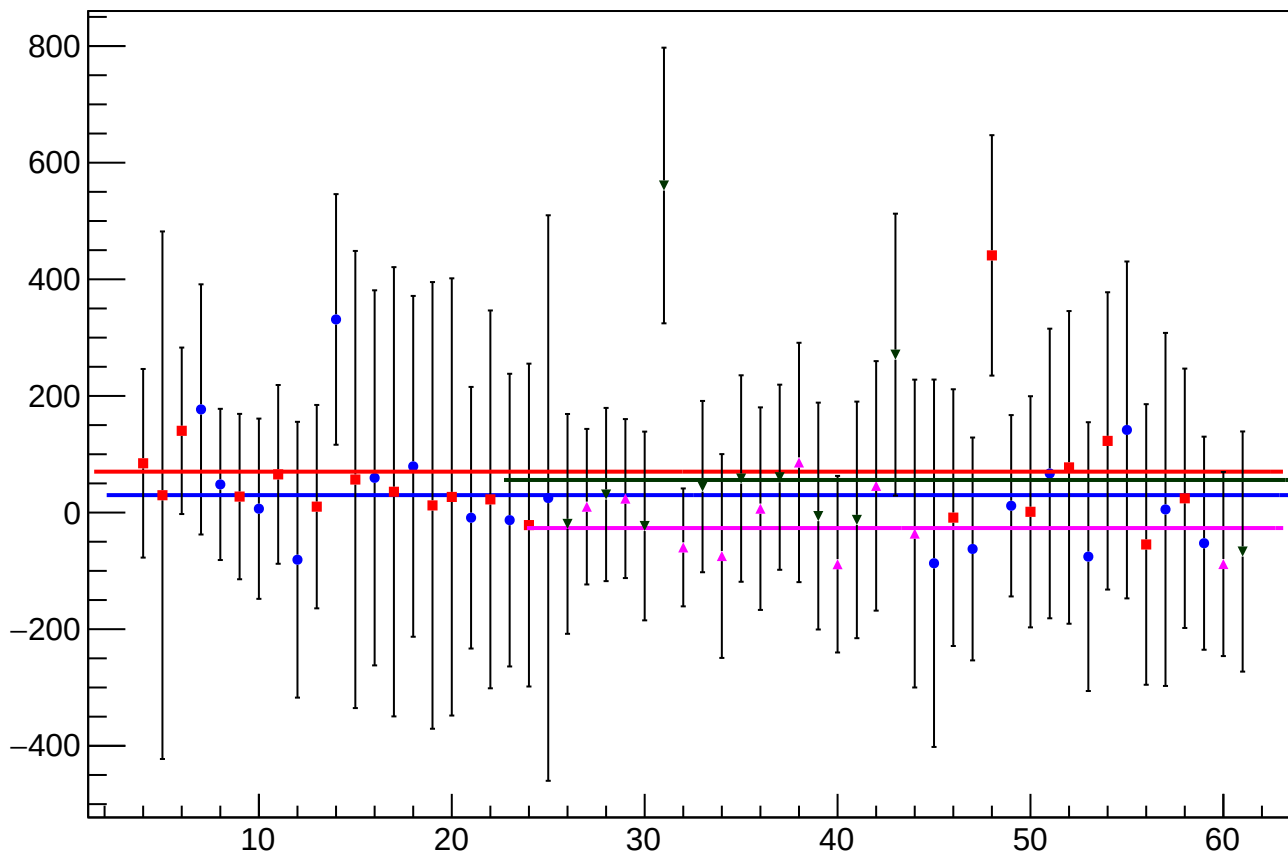
155.703+/-0.028 χ^2/NDF : 1494977.3/28

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: 55.890+/-54.319 χ^2/NDF : 6.4/10

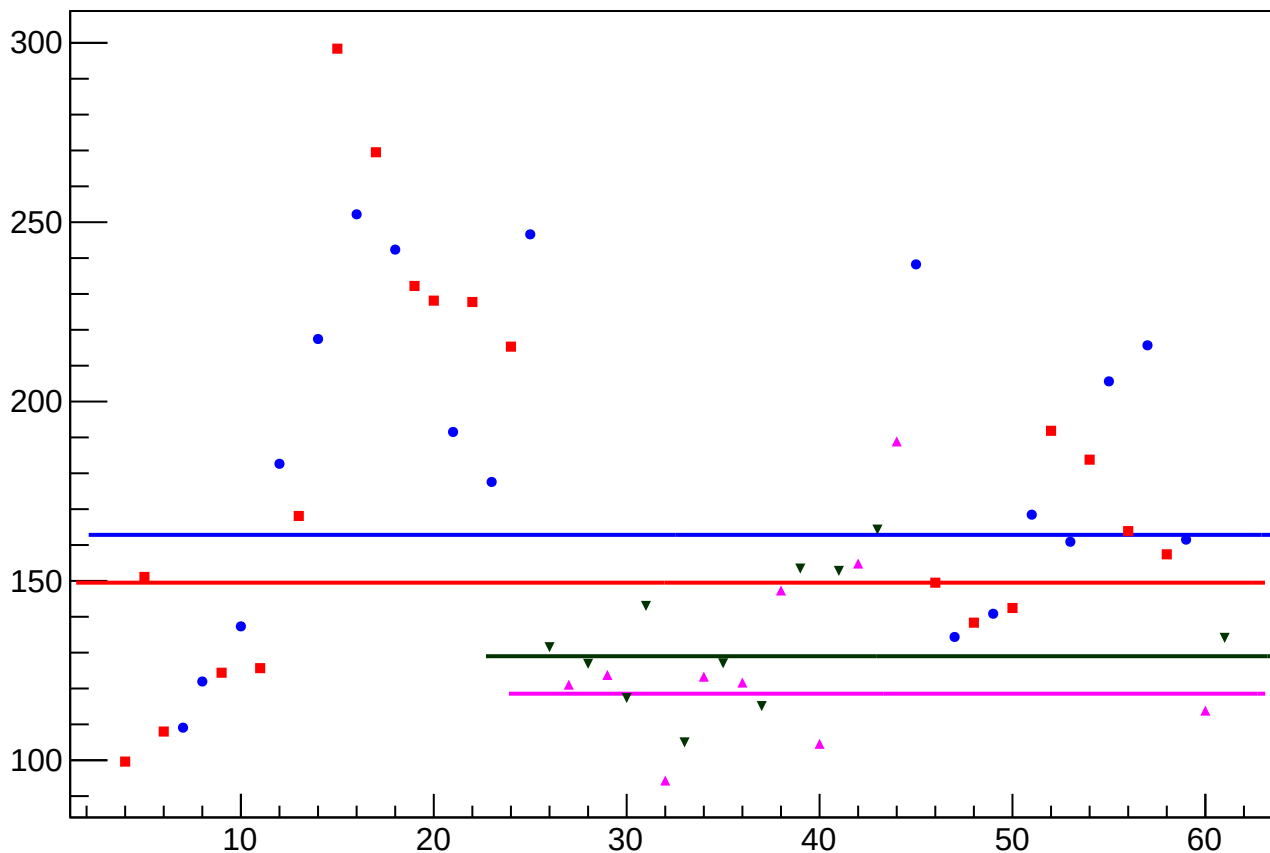
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -26.555+/-48.945 χ^2/NDF : 1.2/9

41.983+/-37.021 χ^2/NDF : 10.3/28

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: 128.999+/-0.038 χ^2/NDF :190176.7/10

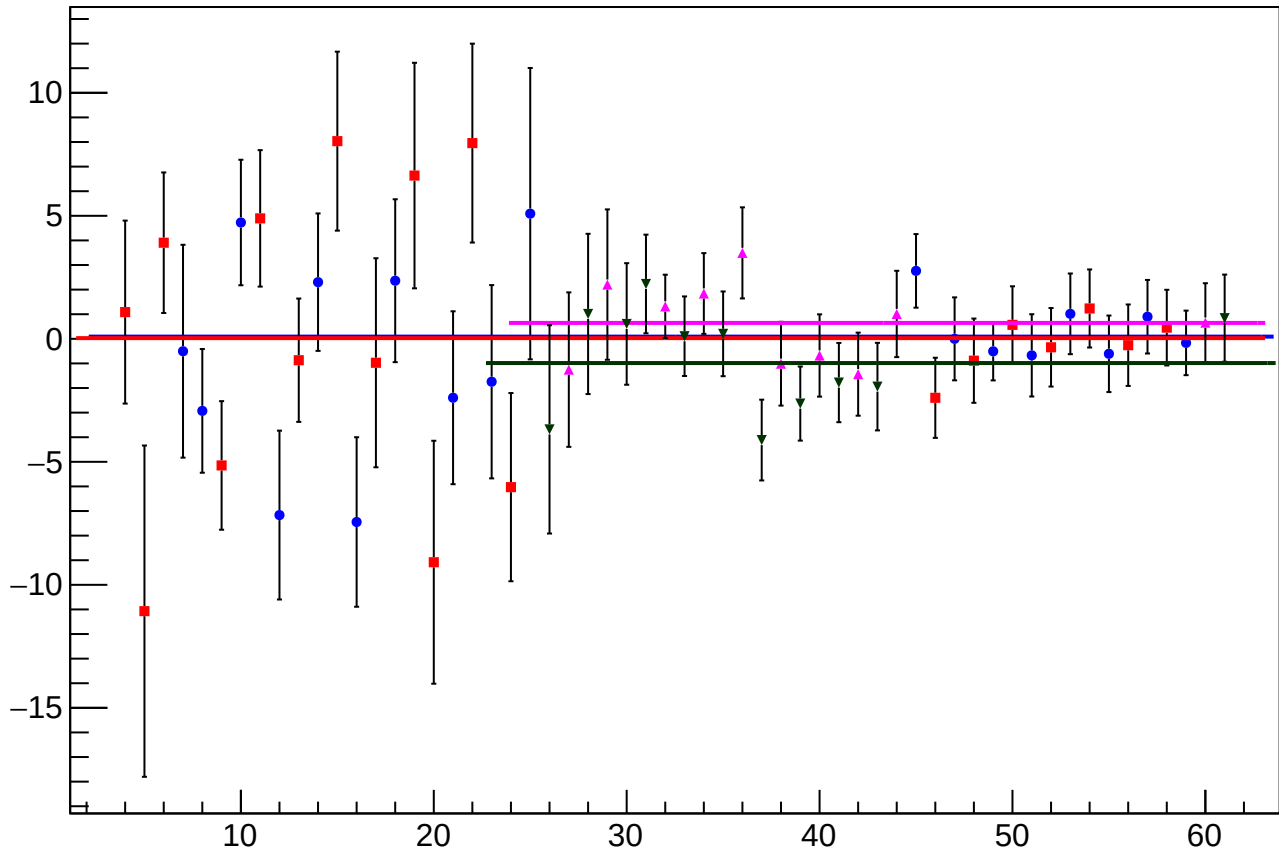
Right Out: 149.507+/-0.035 χ^2/NDF : 1490705.1/18

Left In: 118.553+/-0.035 χ^2/NDF :378194.5/9

147.117+/-0.026 χ^2/NDF : 1834724.8/28

133.767+/-0.025 χ^2/NDF : 2262073.1/28

asym_cav4bQ_mean vs slug



Right In: 0.089 $\pm$ 0.466 χ^2 /NDF: 21.1/17

Left Out: -0.985 $\pm$ 0.567 χ^2 /NDF: 11.1/10

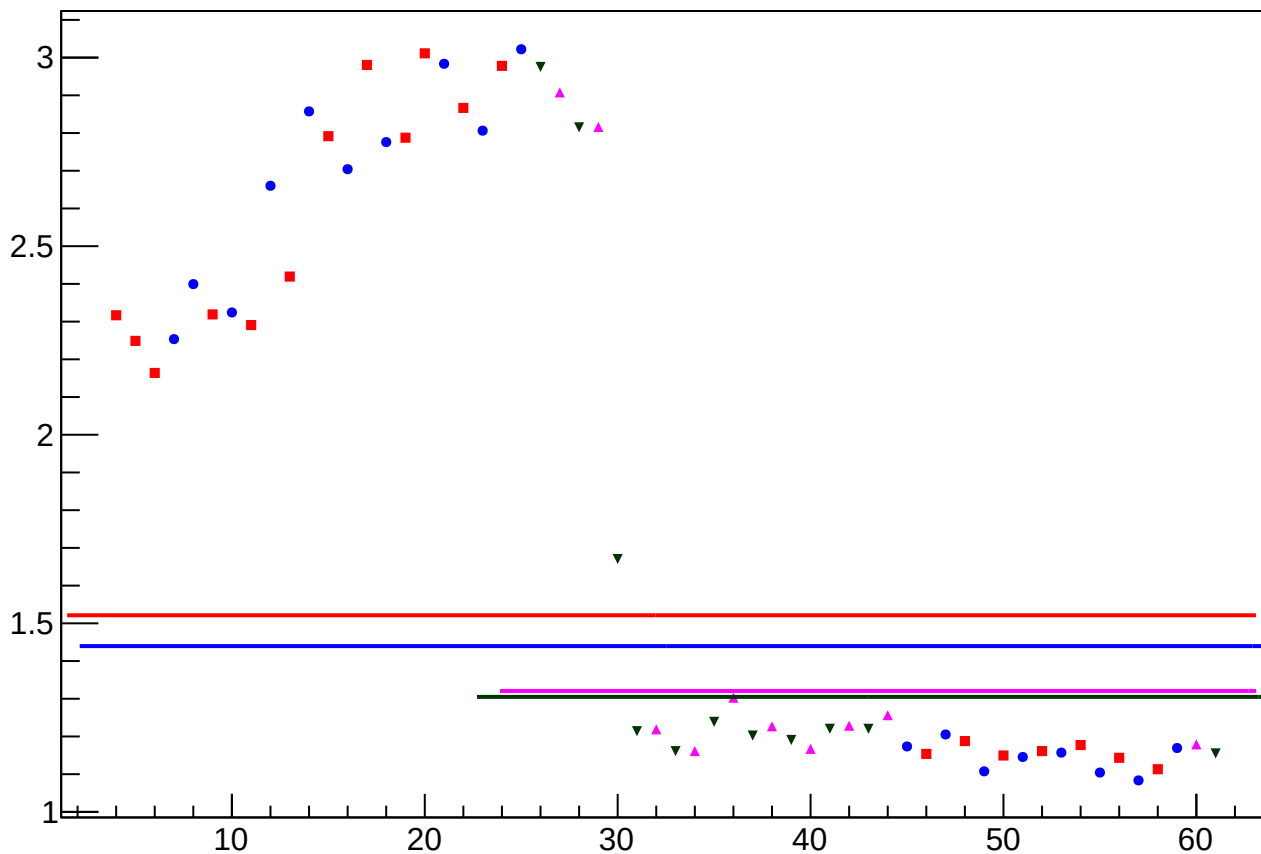
Right Out: 0.028 $\pm$ 0.520 χ^2 /NDF: 31.9/18

Left In: 0.646 $\pm$ 0.555 χ^2 /NDF: 6.9/9

-0.344 $\pm$ 0.360 χ^2 /NDF: 34.3/28

0.317 $\pm$ 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: 1.305+/-0.000 χ^2/NDF : 851642.8/10

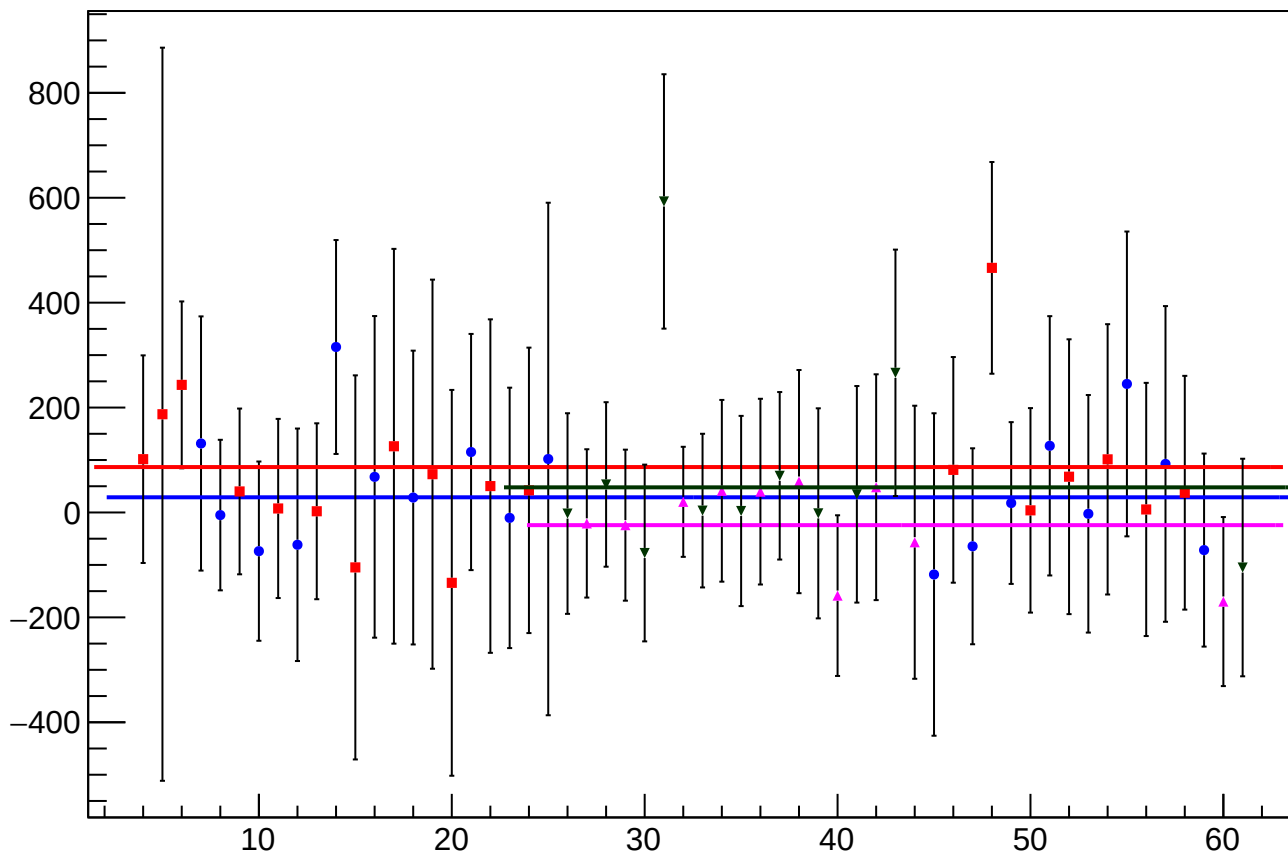
Right Out: 1.521+/-0.000 χ^2/NDF : 2870549.2/18

Left In: 1.321+/-0.000 χ^2/NDF : 1068460.8/9

1.385+/-0.000 χ^2/NDF : 4328401.2/28

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: 47.890 $\pm$ 55.364 χ^2 /NDF: 7.3/10

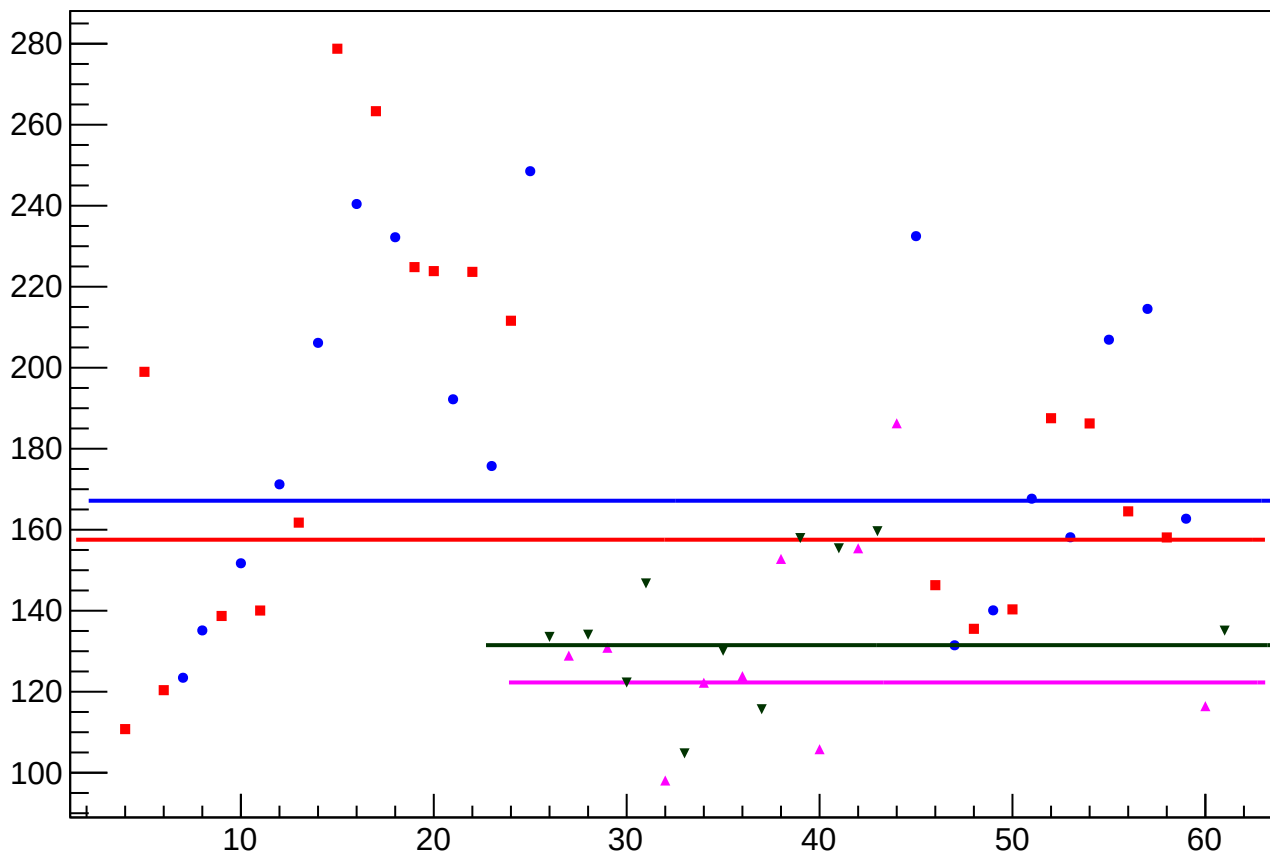
Right Out: 86.558 $\pm$ 52.059 χ^2 /NDF: 6.1/18

Left In: -24.172 $\pm$ 50.386 χ^2 /NDF: 2.3/9

37.721 $\pm$ 37.700 χ^2 /NDF: 11.9/28

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: 131.499+/-0.039 χ^2/NDF :191952.4/10

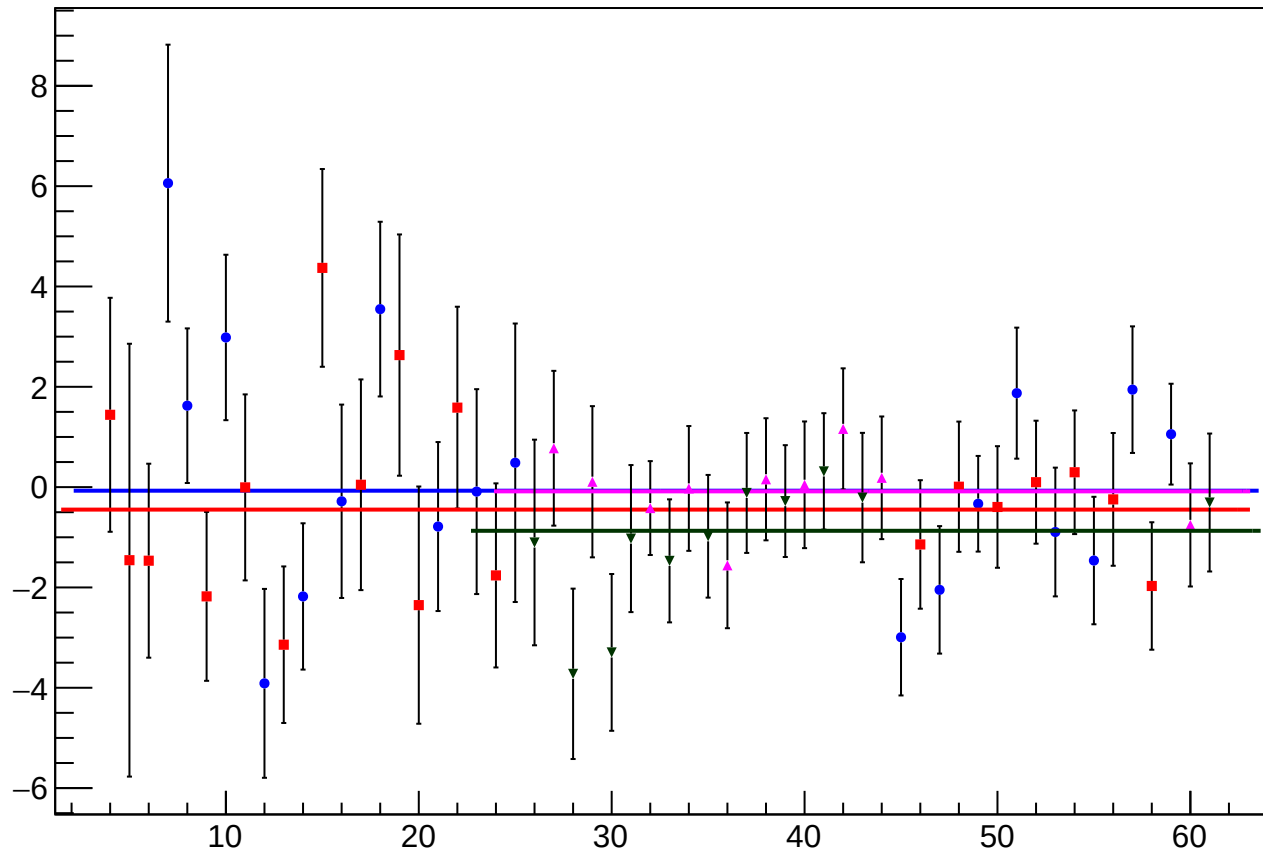
Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

Left In: 122.287+/-0.036 χ^2/NDF :353258.5/9

150.624+/-0.027 χ^2/NDF : 1512758.7/28

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

Left Out: -0.871 ± 0.403 χ^2/NDF : 7.7/10

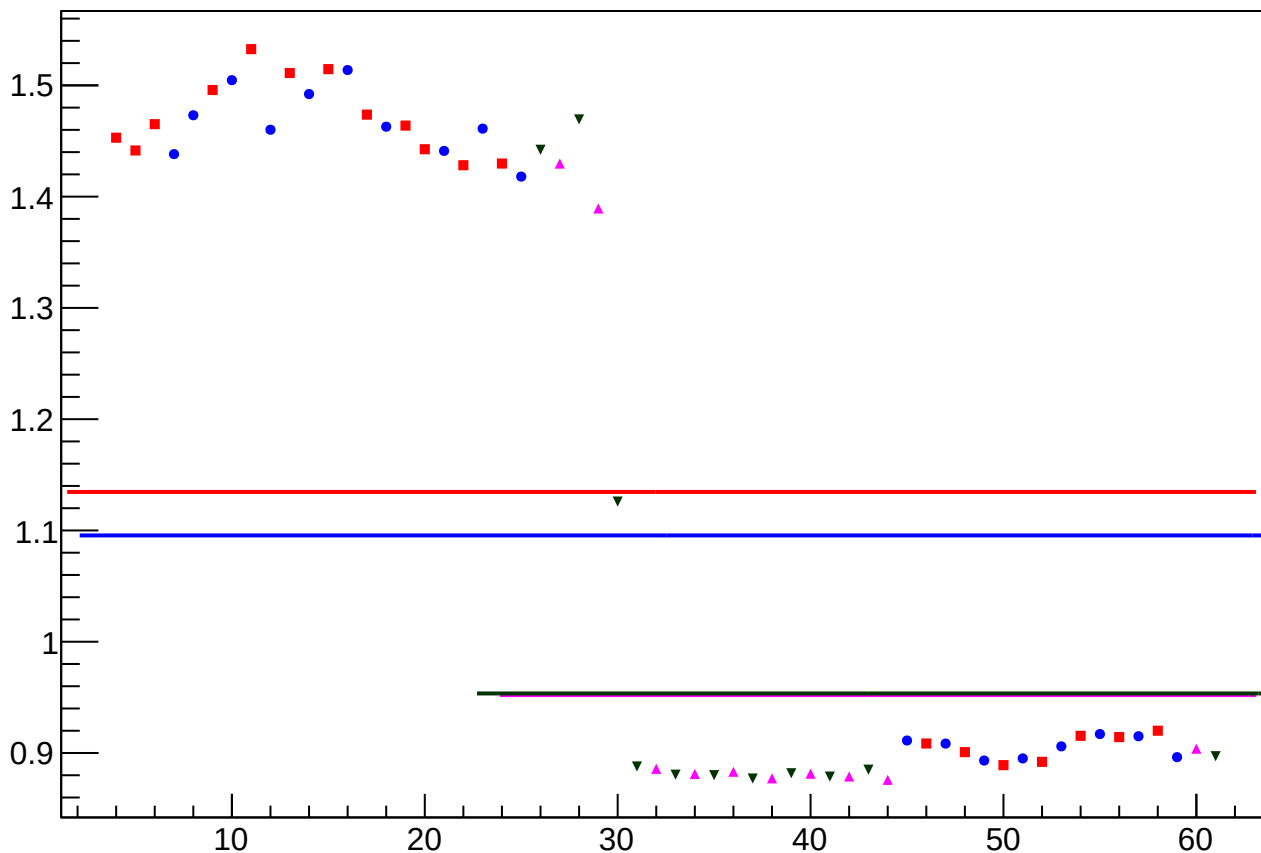
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.084 ± 0.389 χ^2/NDF : 3.3/9

-0.399 ± 0.258 χ^2/NDF : 46.8/28

-0.276 ± 0.268 χ^2/NDF : 21.1/28

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF : 1288766.9/17

Left Out: 0.954+/-0.000 χ^2/NDF : 374581.9/10

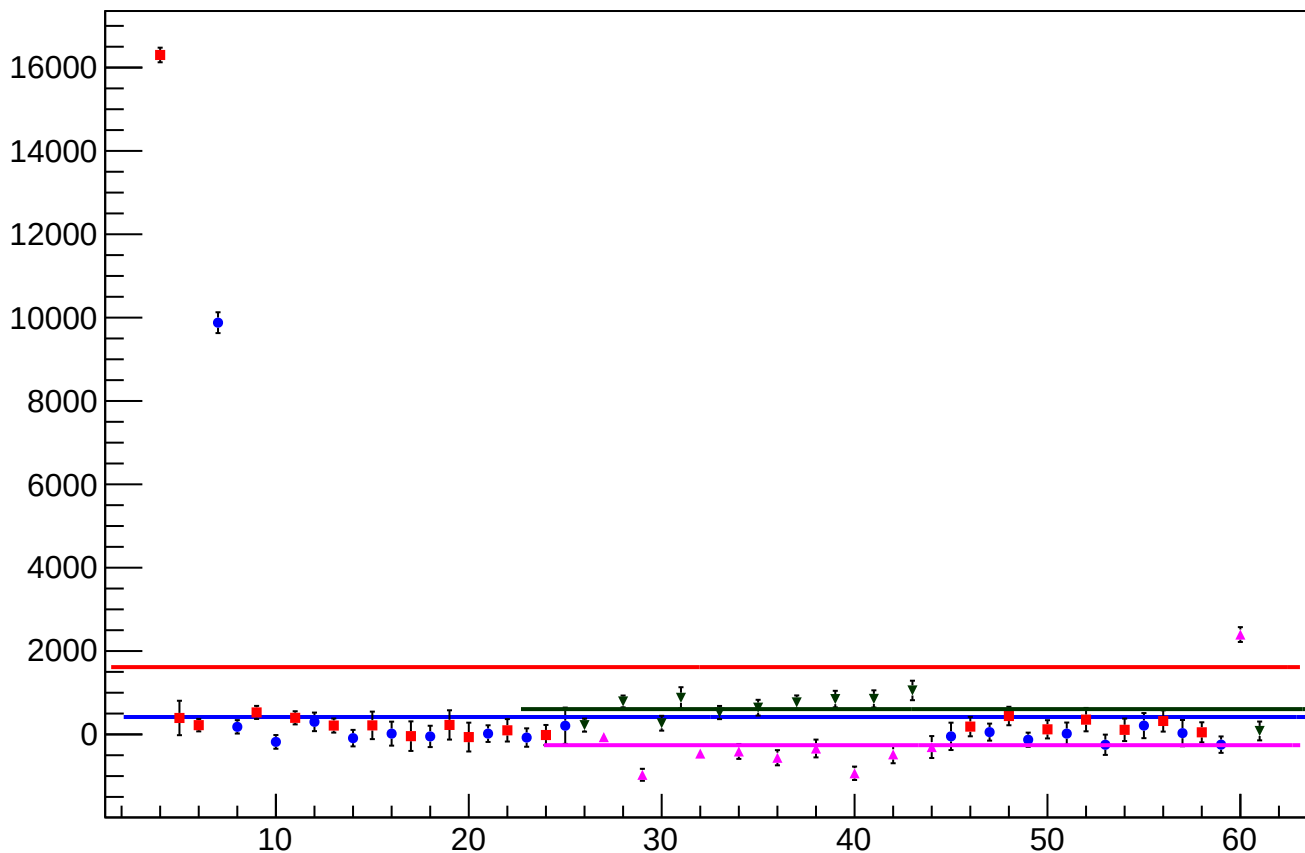
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.952+/-0.000 χ^2/NDF : 414584.3/9

1.037+/-0.000 χ^2/NDF : 1810206.1/28

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: 606.957 ± 55.196 χ^2/NDF : 25.7/10

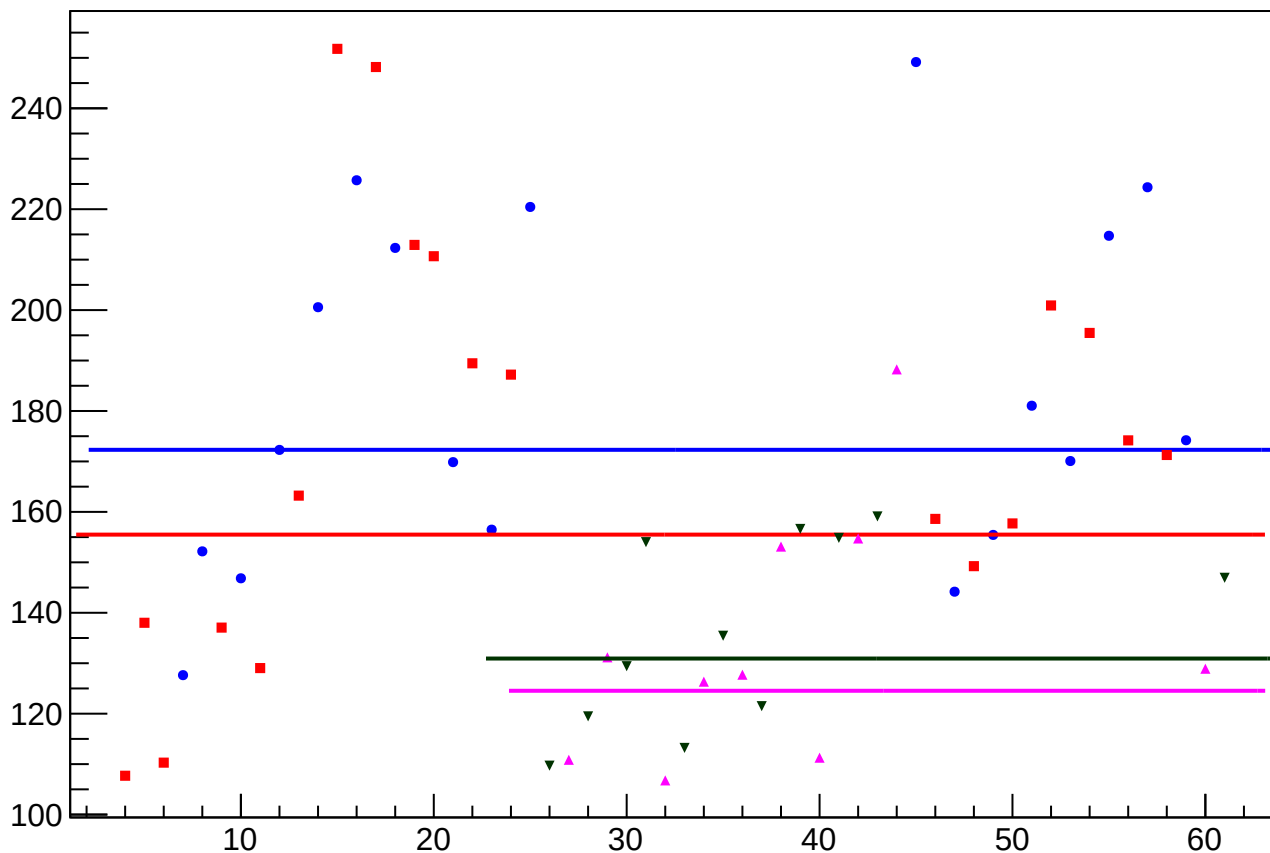
Right Out: 1614.499 ± 51.138 χ^2/NDF : 7665.3/18

Left In: -258.794 ± 51.074 χ^2/NDF : 274.6/9

507.569 ± 38.092 χ^2/NDF : 1539.8/28

676.667 ± 36.137 χ^2/NDF : 8611.8/28

asym_bcm0l02_rms vs slug



Right In: 172.303+/-0.037 χ^2/NDF : 600813.3/17

Left Out: 130.931+/-0.039 χ^2/NDF :198755.3/10

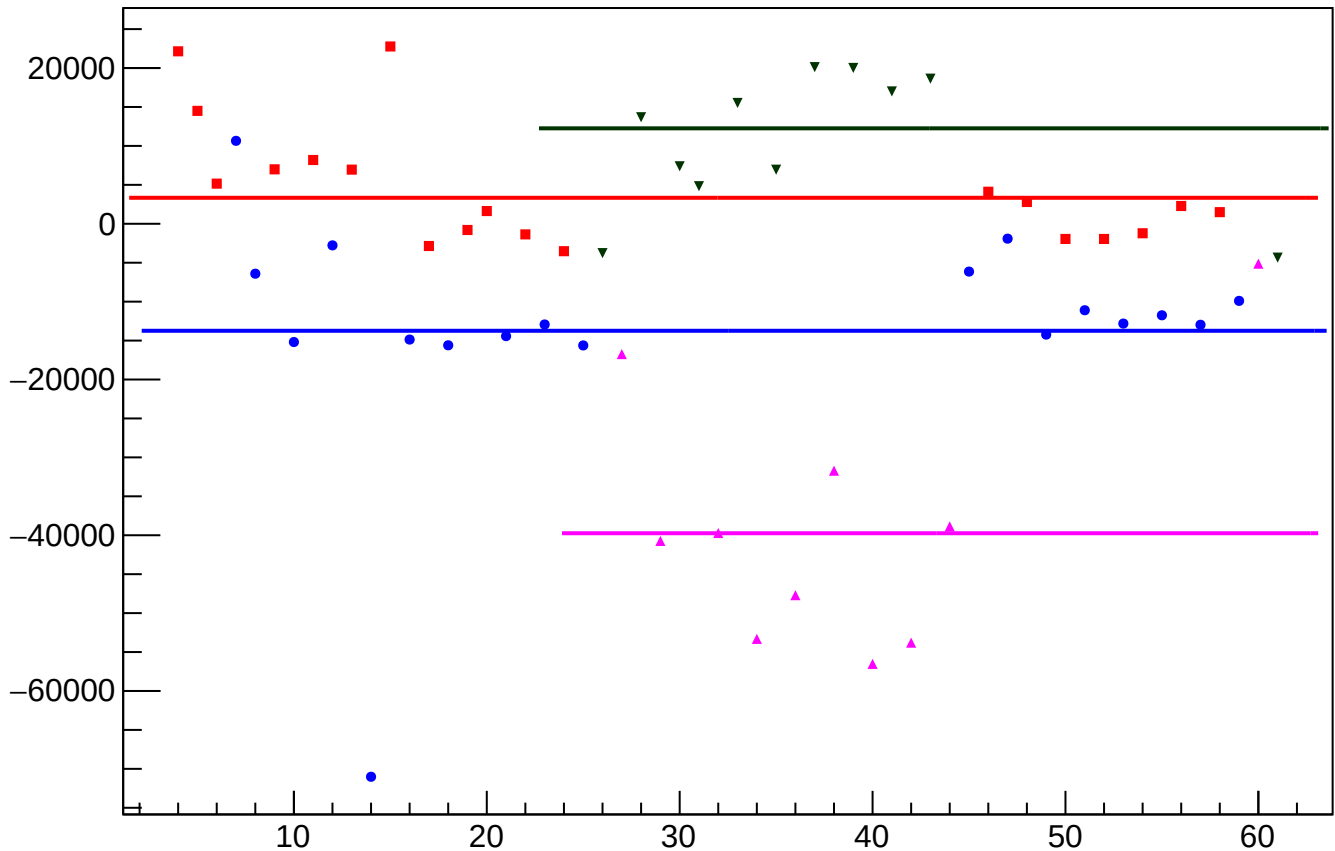
Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

Left In: 124.540+/-0.036 χ^2/NDF :286845.3/9

152.599+/-0.027 χ^2/NDF : 1388082.6/28

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: 12257.596 ± 40.945 χ^2/NDF : 39892.1/10

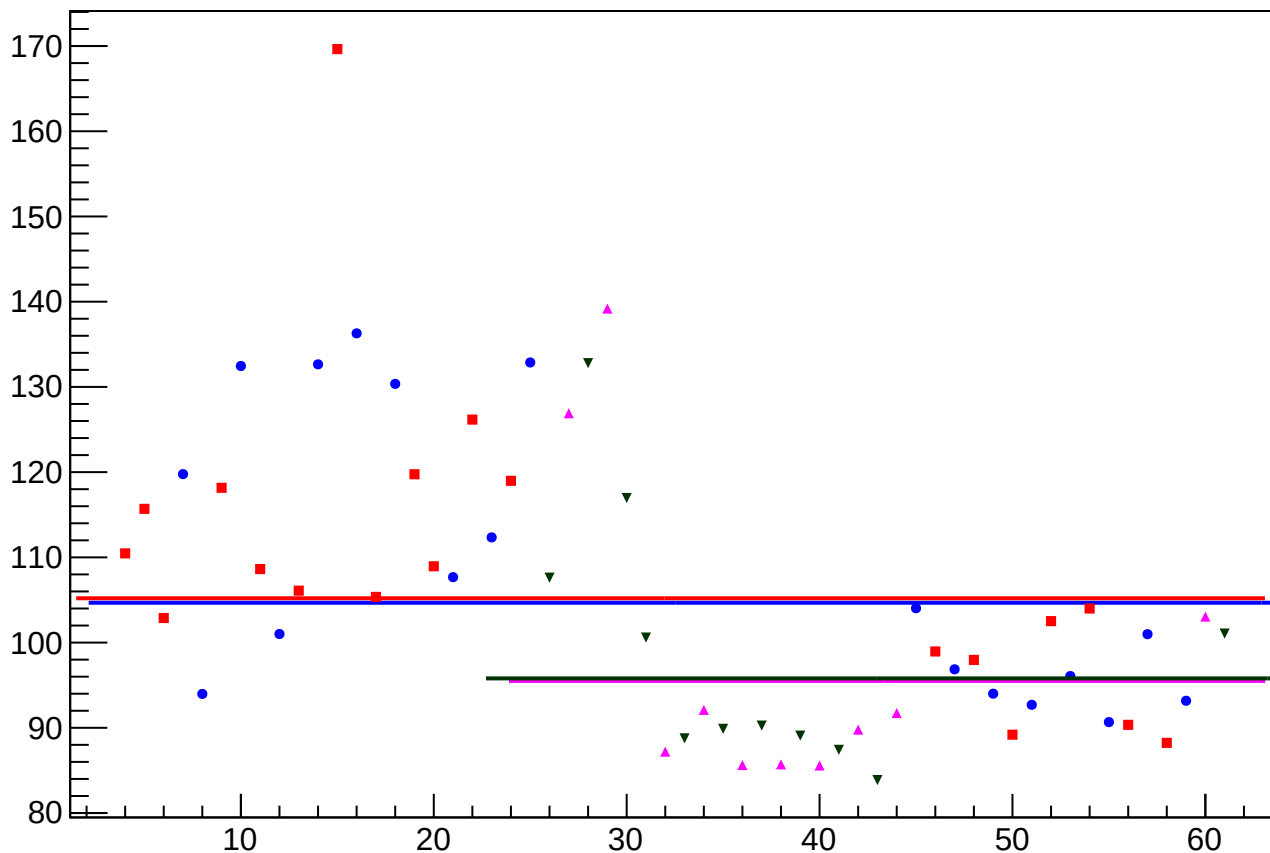
Right Out: 3338.926 ± 34.258 χ^2/NDF : 31361.1/18

Left In: -39740.803 ± 39.850 χ^2/NDF : 132520.8/9

-3862.539 ± 25.239 χ^2/NDF : 512081.4/28

-14968.236 ± 25.978 χ^2/NDF : 835901.3/28

asym_bpm2i01WS_rms vs slug



Right In: 104.677 $\pm$ 0.023 χ^2 /NDF: 431749.6/17

Left Out: 95.799 $\pm$ 0.029 χ^2 /NDF:203002.1/10

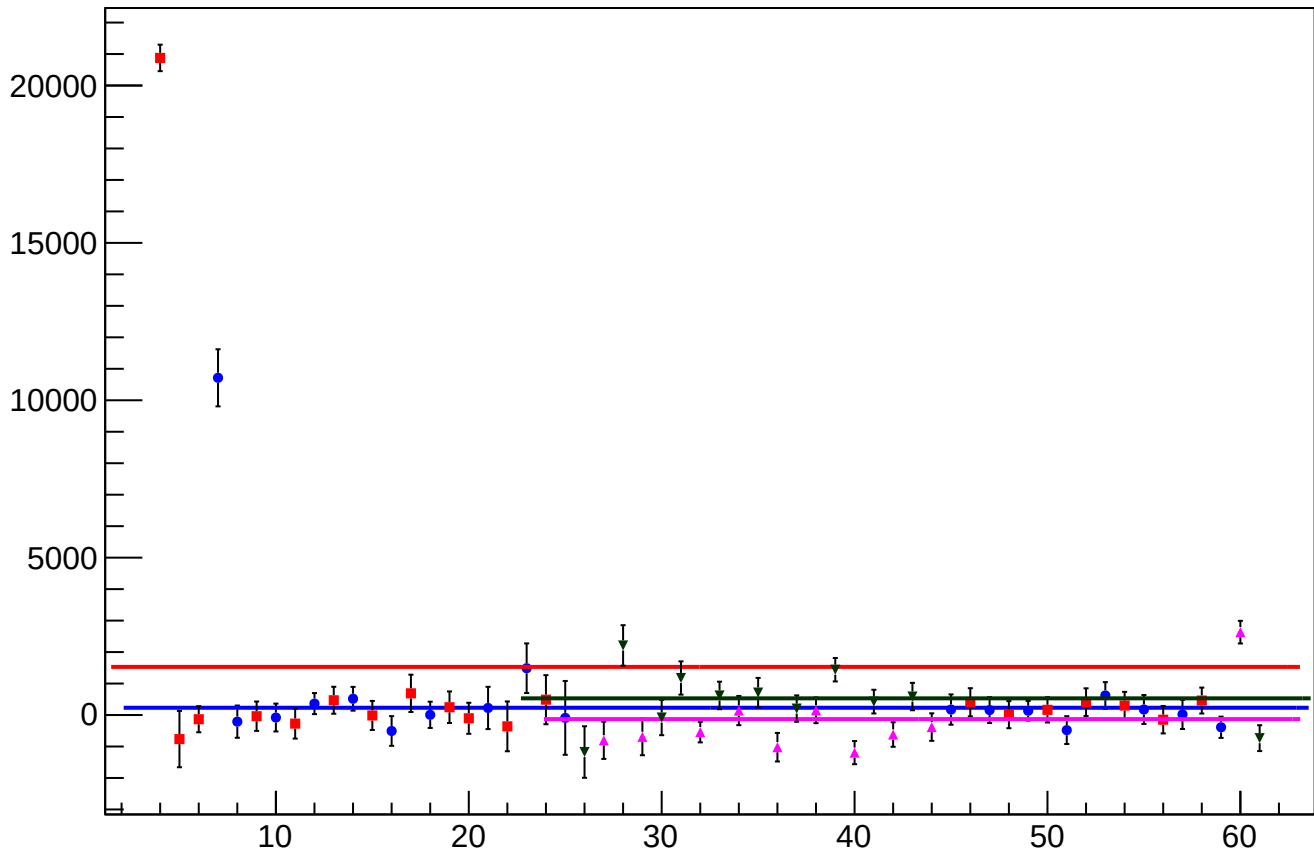
101.303 $\pm$ 0.018 χ^2 /NDF: 693055.8/28

Right Out: 105.200 $\pm$ 0.024 χ^2 /NDF: 336723.5/18

101.078 $\pm$ 0.018 χ^2 /NDF: 725313.0/28

Left In: 95.501 $\pm$ 0.028 χ^2 /NDF:320452.3/9

asym_bpm0i07WS_mean vs slug



Right In: 230.965 $\pm$ 105.235 χ^2 /NDF: 148.0/17

Left Out: 529.887 $\pm$ 139.184 χ^2 /NDF:30.2/10

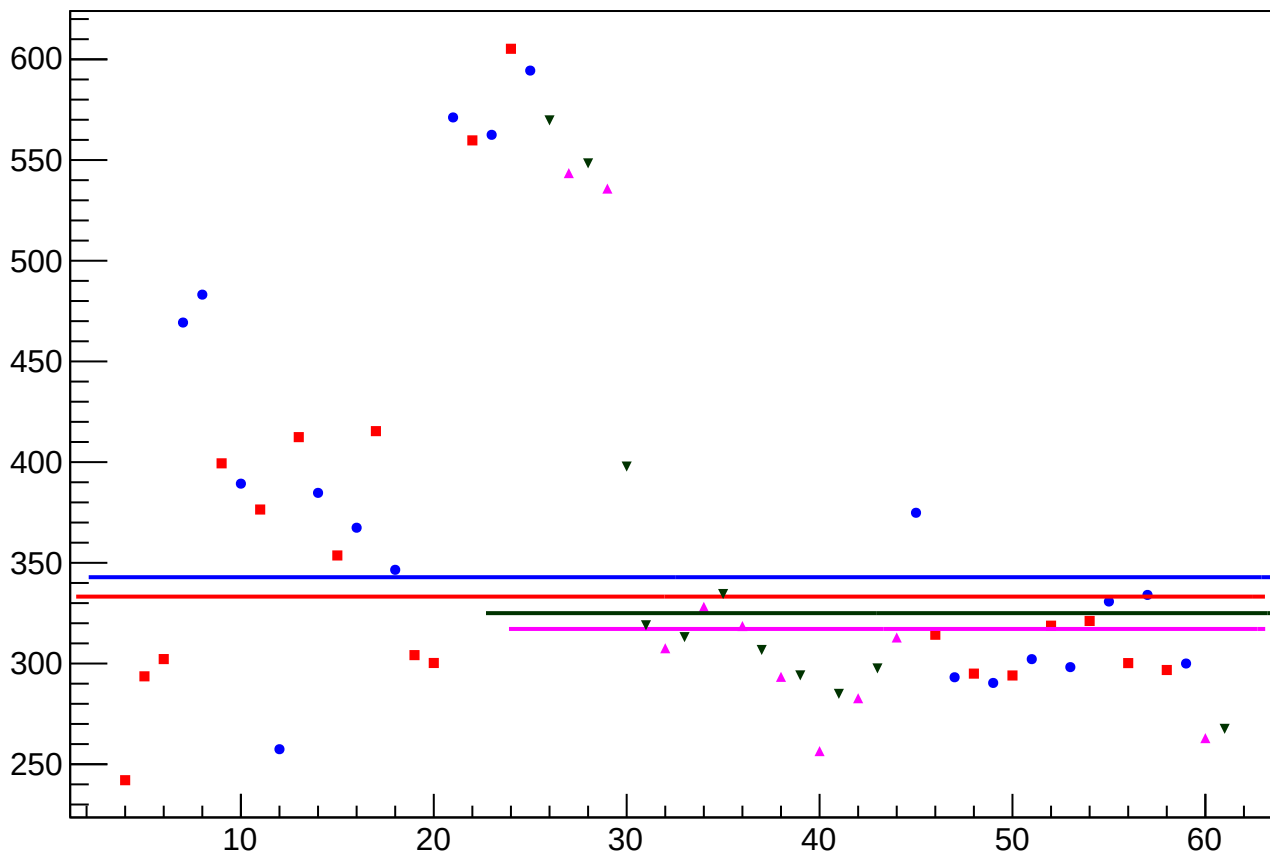
339.693 $\pm$ 83.942 χ^2 /NDF: 181.0/28

Right Out: 1529.045 $\pm$ 108.949 χ^2 /NDF: 2274.0/18

855.742 $\pm$ 83.963 χ^2 /NDF: 2445.8/28

Left In: -129.030 $\pm$ 131.760 χ^2 /NDF:77.7/9

asym_bpm0i07WS_rms vs slug



Right In: 342.865 $\pm$ 0.074 χ^2 /NDF: 1018623.1/17

Left Out: 325.018 $\pm$ 0.098 χ^2 /NDF: 542696.4/10

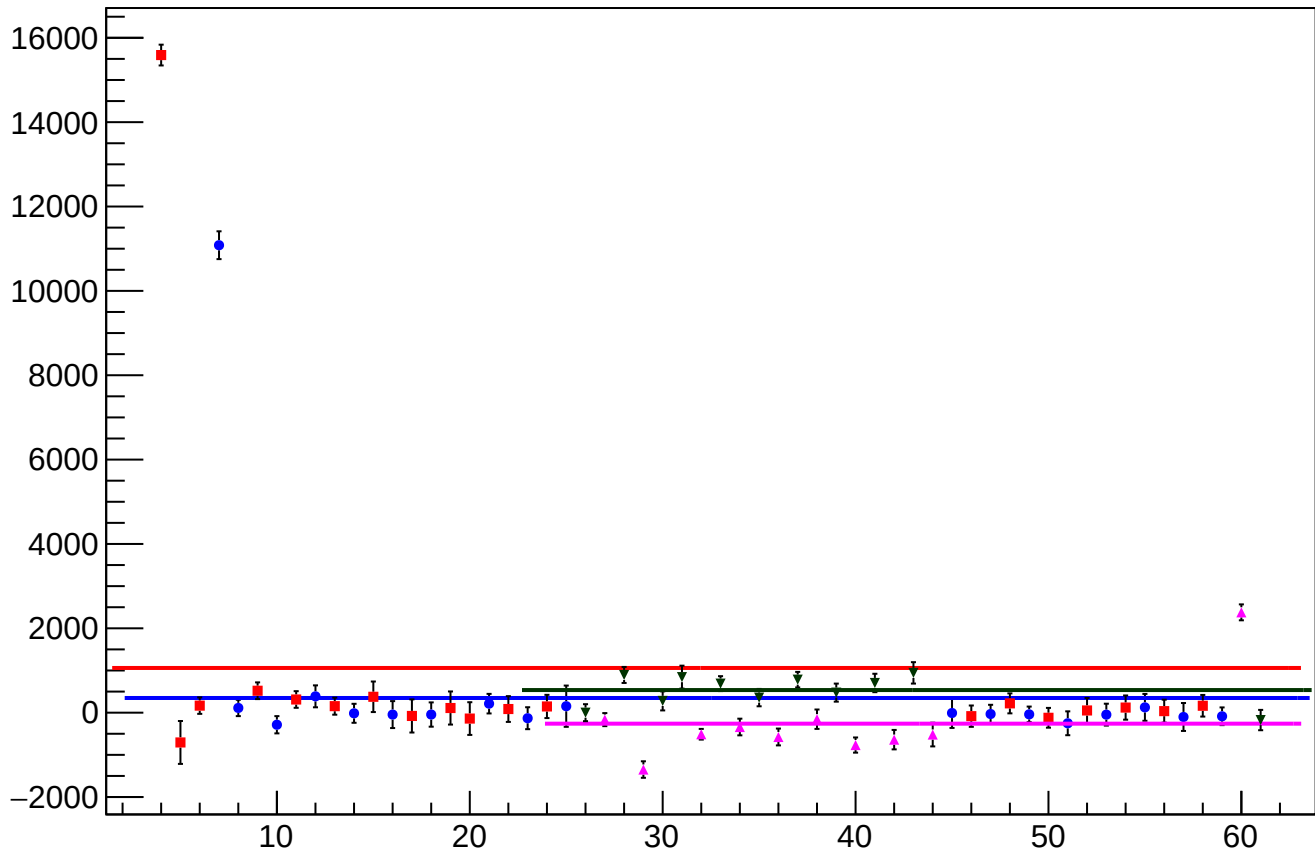
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 317.166 $\pm$ 0.093 χ^2 /NDF: 698986.0/9

336.373 $\pm$ 0.059 χ^2 /NDF: 1582243.7/28

326.707 $\pm$ 0.059 χ^2 /NDF: 1485577.1/28

asym_bpm0l01WS_mean vs slug



Right In: 348.196 $\pm$ 59.644 χ^2 /NDF: 1103.2/17

Left Out: 536.298 $\pm$ 63.709 χ^2 /NDF: 28.5/10

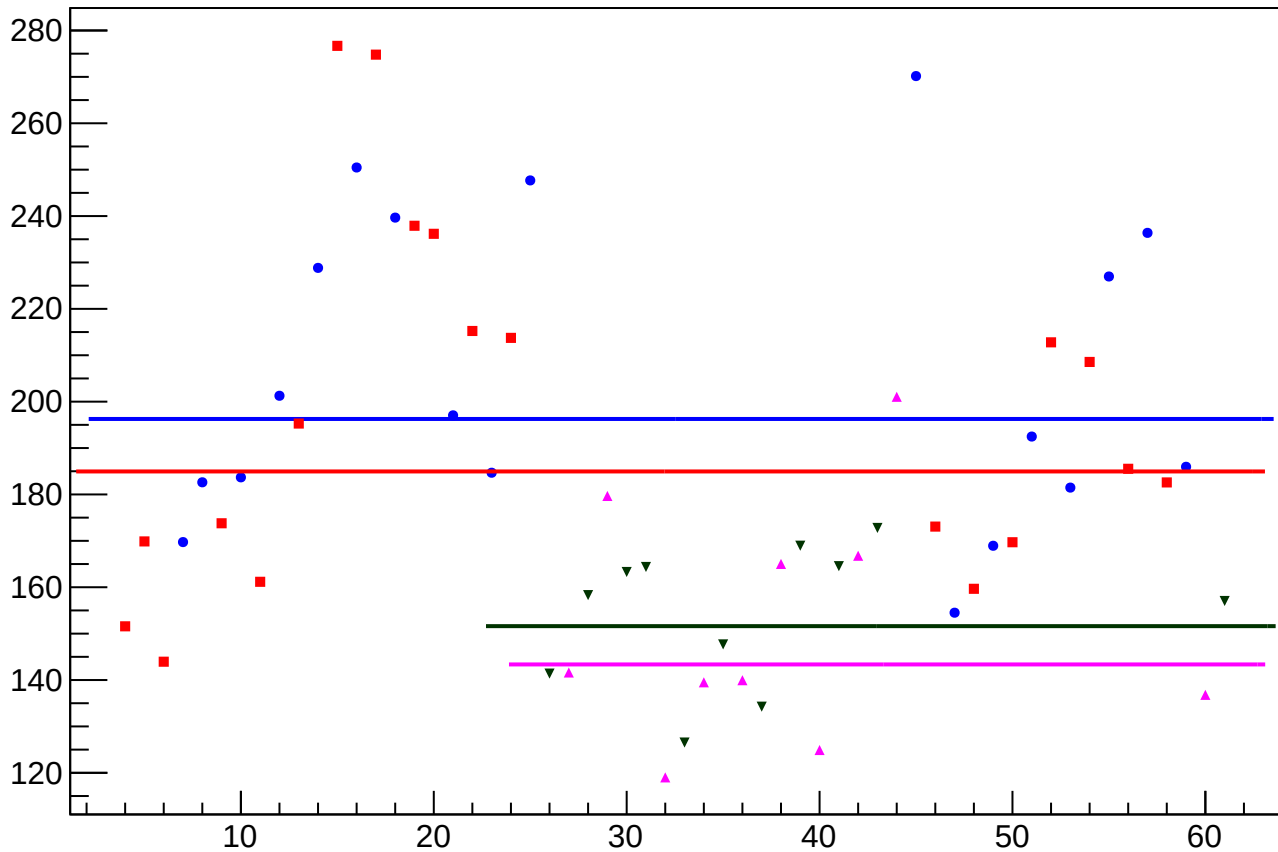
436.055 $\pm$ 43.541 χ^2 /NDF: 1136.4/28

Right Out: 1059.962 $\pm$ 60.034 χ^2 /NDF: 3708.7/18

384.667 $\pm$ 41.967 χ^2 /NDF: 4201.1/28

Left In: -260.700 $\pm$ 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: 151.614 $\pm$ 0.045 χ^2 /NDF:111297.1/10

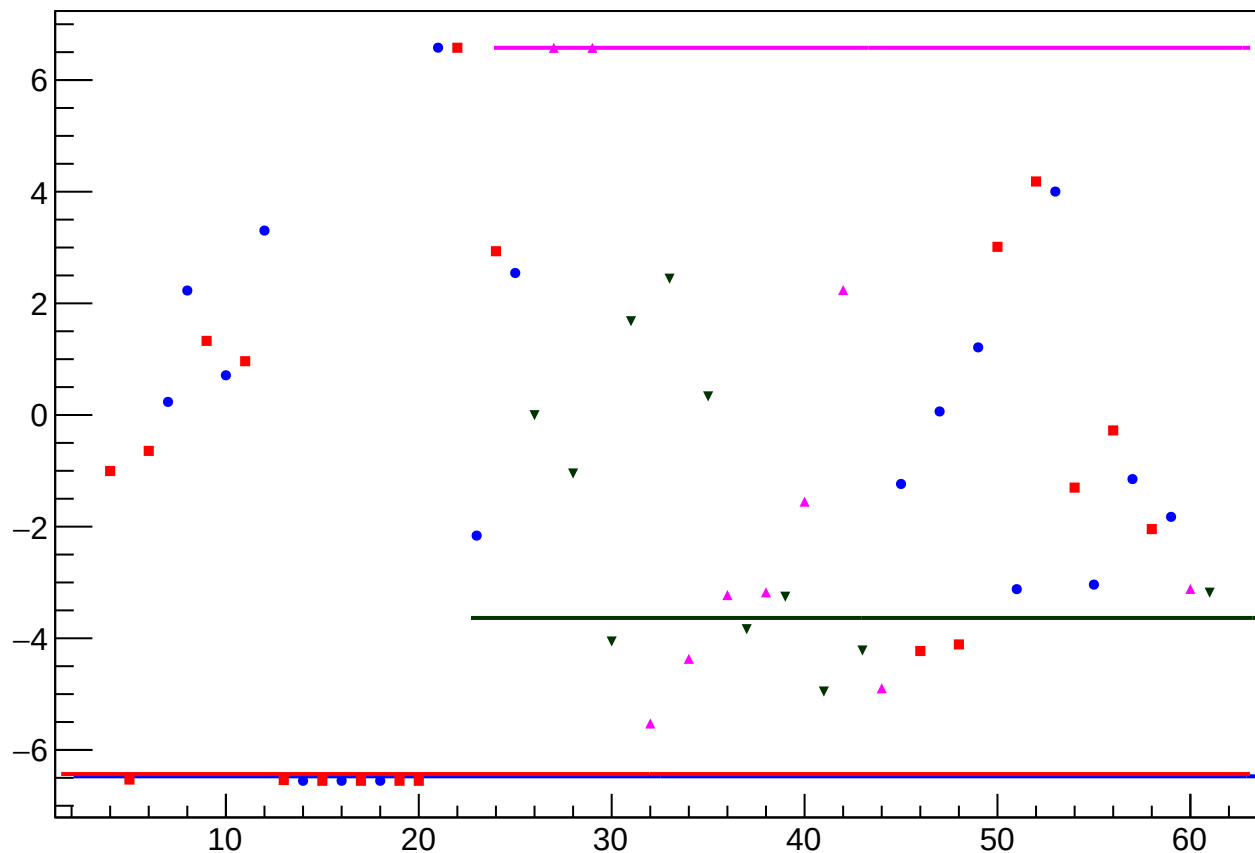
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 143.361 $\pm$ 0.041 χ^2 /NDF:290411.5/9

175.411 $\pm$ 0.031 χ^2 /NDF: 1101053.7/28

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: -3.636+/-0.001 χ^2/NDF : 5878058.4/10

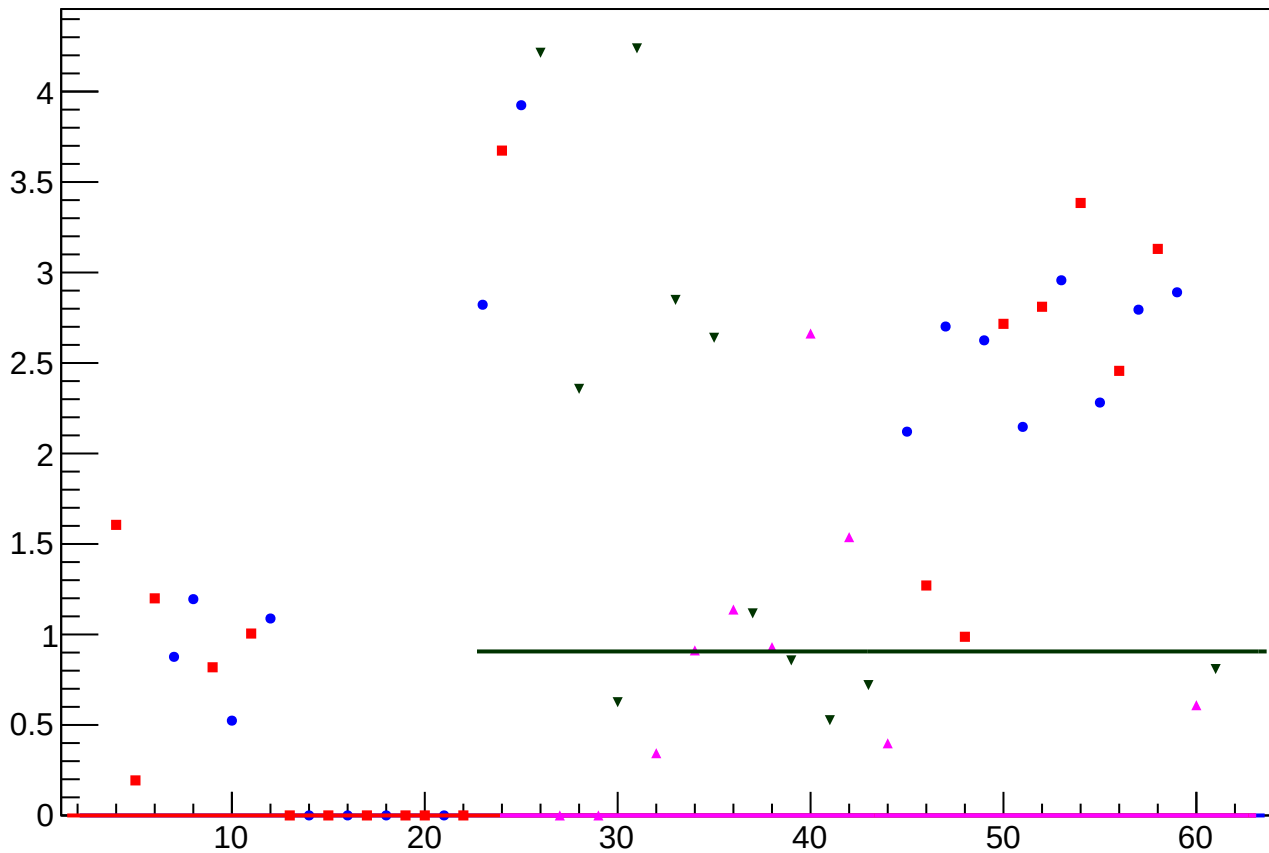
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.578+/-0.000 χ^2/NDF : 902219424.6/9

-6.473+/-0.000 χ^2/NDF : 127847979974024.7/2

-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: 0.906+/-0.000 χ^2/NDF : 2495632.8/10

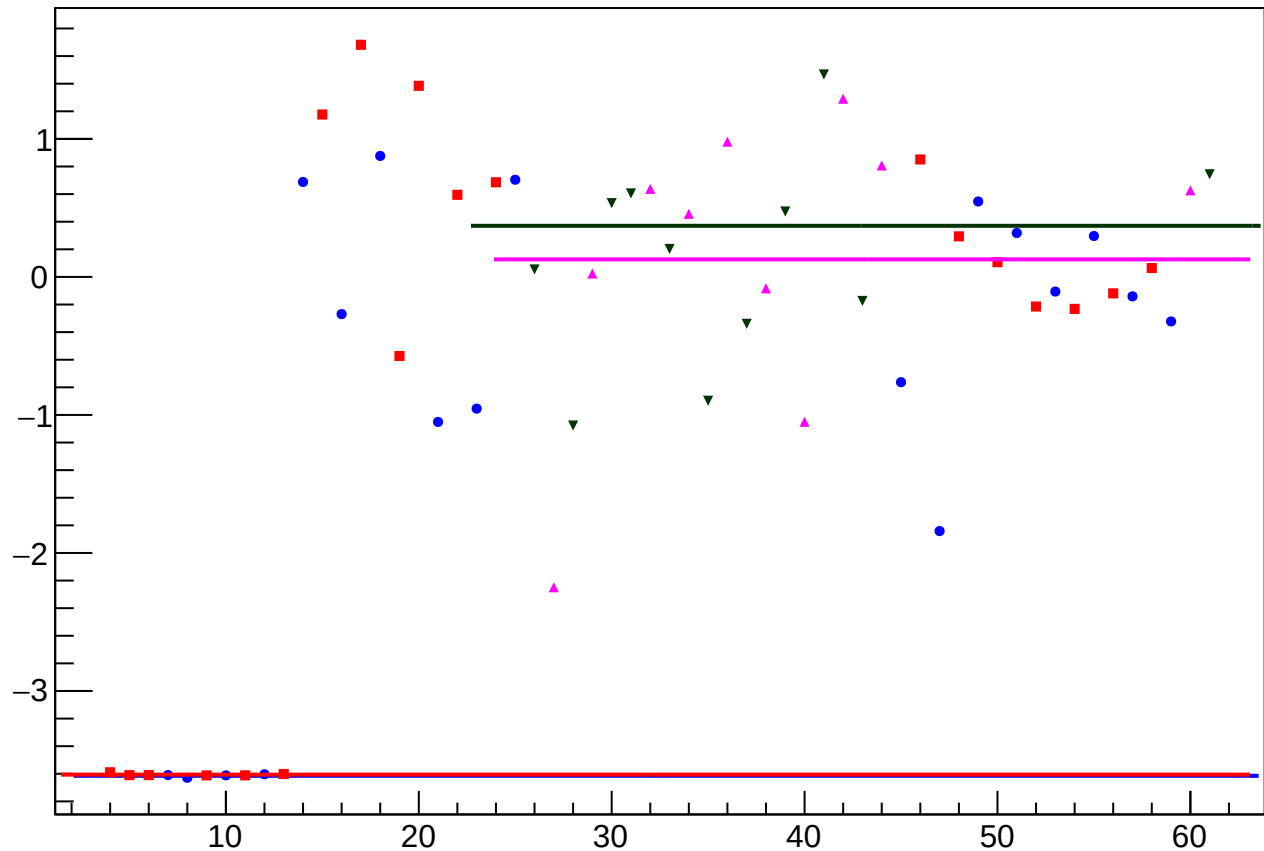
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 5258580.3/9

0.000+/-0.000 χ^2/NDF : 19463094.9/28

0.000+/-0.000 χ^2/NDF : 14885261.1/28

yield_cav4bY_mean vs slug



Right In: -3.614 $\pm$ 0.000 χ^2/NDF : 49086055221.8/17

Left Out: 0.370 $\pm$ 0.000 χ^2/NDF : 6716796.7/10

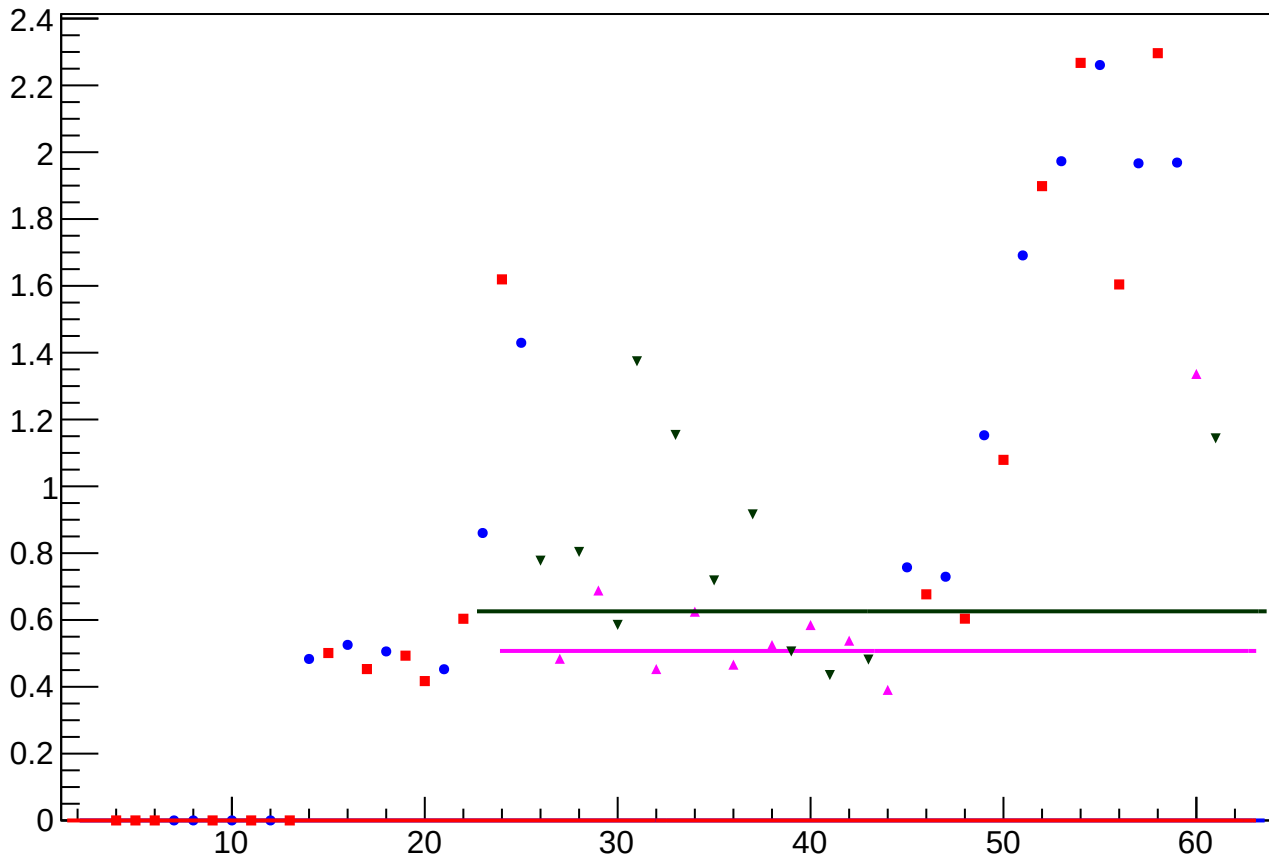
Right Out: -3.606 $\pm$ 0.000 χ^2/NDF : 37792758949.6/18

Left In: 0.127 $\pm$ 0.000 χ^2/NDF : 20189415.7/9

-3.614 $\pm$ 0.000 χ^2/NDF : 49246029456.4/28

-3.606 $\pm$ 0.000 χ^2/NDF : 38037124020.0/28

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13780215.8/17

Left Out: 0.626+/-0.000 χ^2/NDF : 966332.3/10

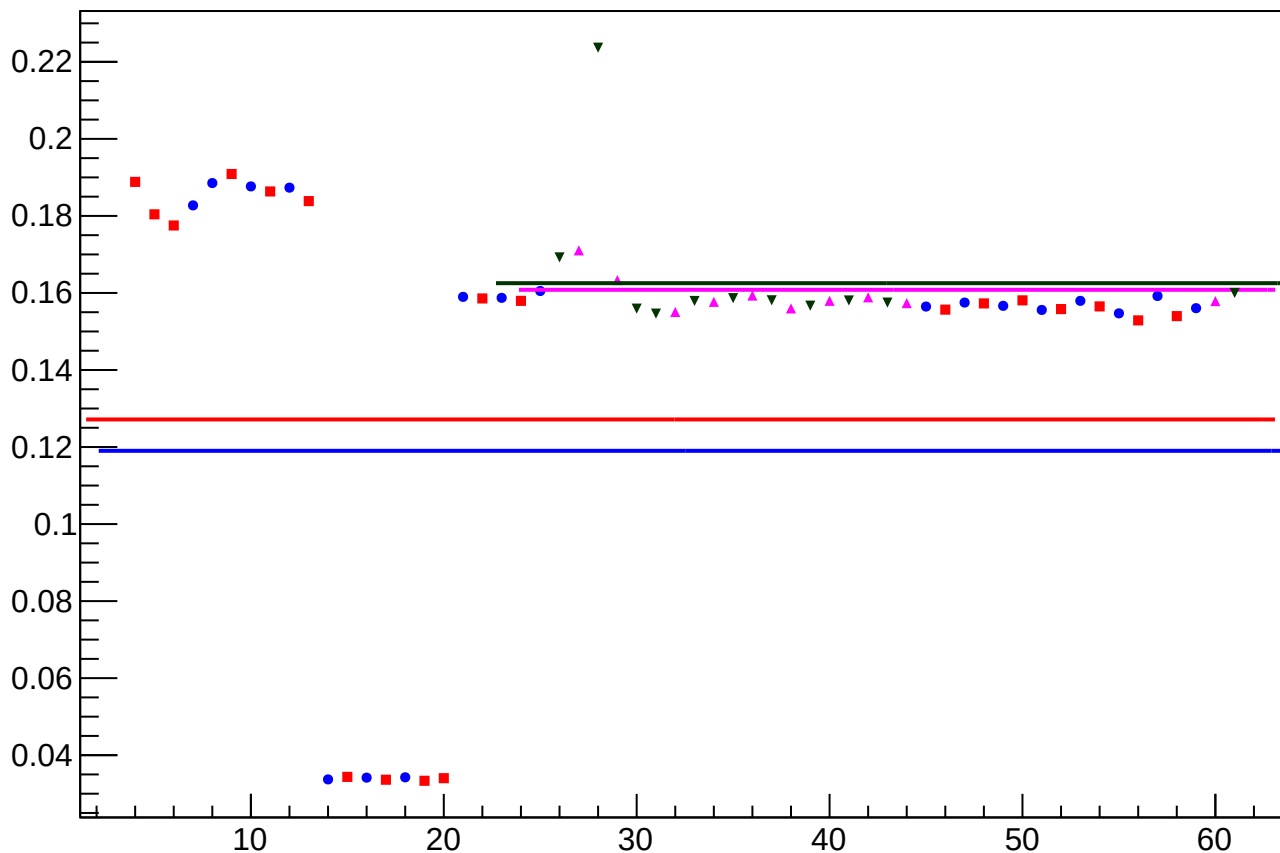
0.000+/-0.000 χ^2/NDF : 22306927.3/28

Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

0.000+/-0.000 χ^2/NDF : 19401686.7/28

Left In: 0.507+/-0.000 χ^2/NDF : 591961.7/9

yield_cav4cX_mean vs slug



Right In: 0.119+/-0.000 χ^2/NDF : 4974475463.8/17

Left Out: 0.163+/-0.000 χ^2/NDF :101649124.4/10

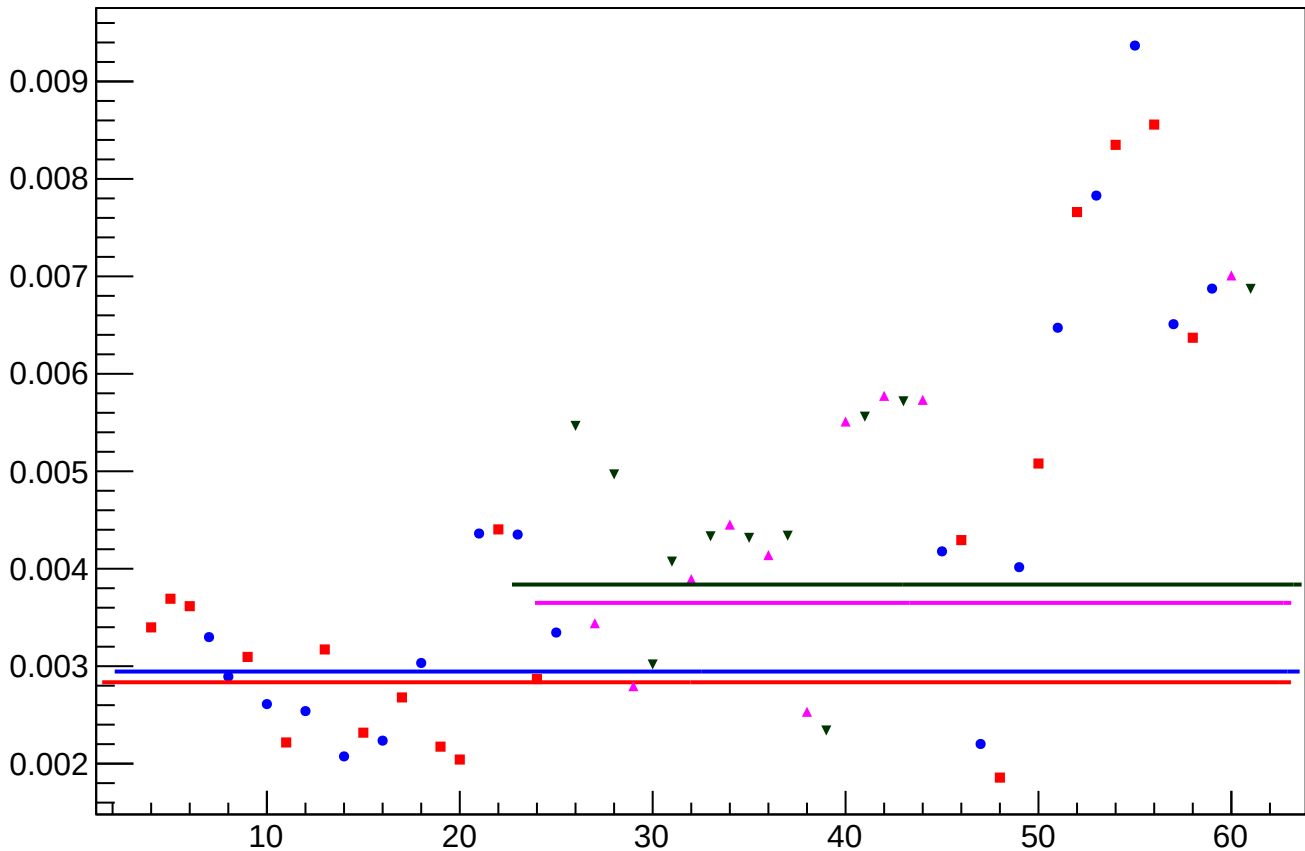
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.161+/-0.000 χ^2/NDF :11759184.6/9

0.130+/-0.000 χ^2/NDF : 5554994942.7/28

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 :1044401.3/10

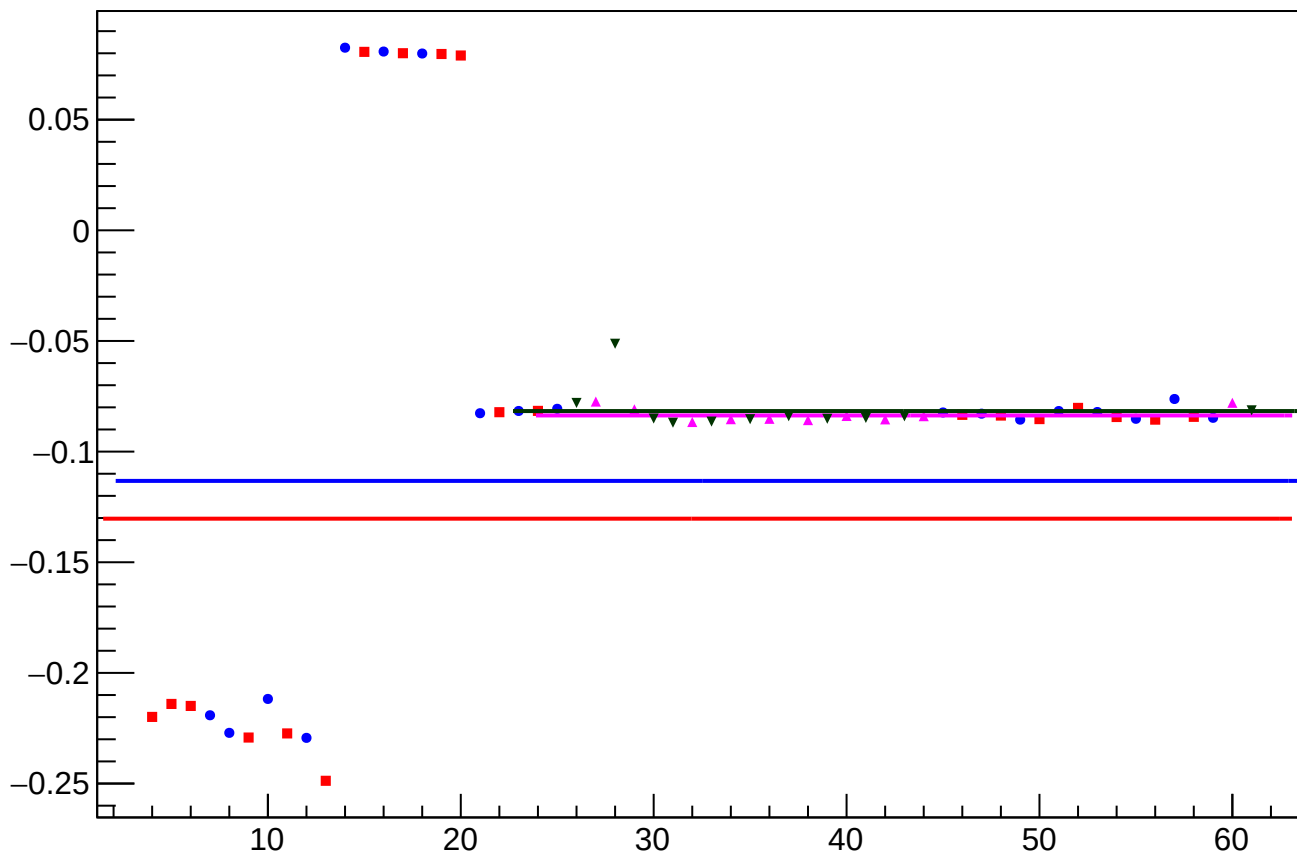
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :982402.1/9

0.003+/-0.000 χ^2/NDF : 4432549.2/28

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 : 35857282.6/10

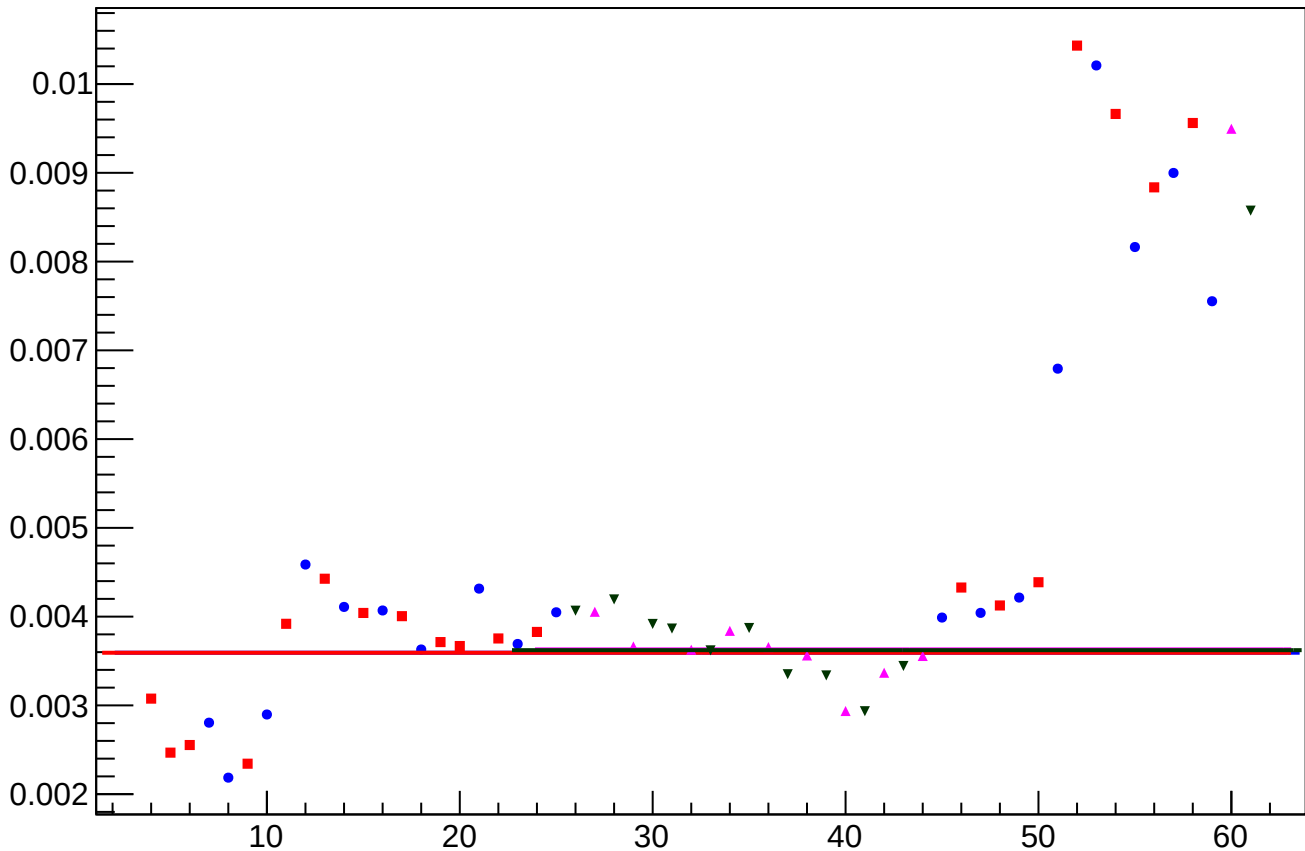
Right Out: -0.130+/-0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.084+/-0.000 χ^2/NDF : 3665128.6/9

-0.102+/-0.000 χ^2/NDF : 9987257758.7/28

-0.111+/-0.000 χ^2/NDF : 9428402163.6/28

yield_cav4cY_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 2636393.6/17

Left Out: 0.004+/-0.000 χ^2/NDF :366685.3/10

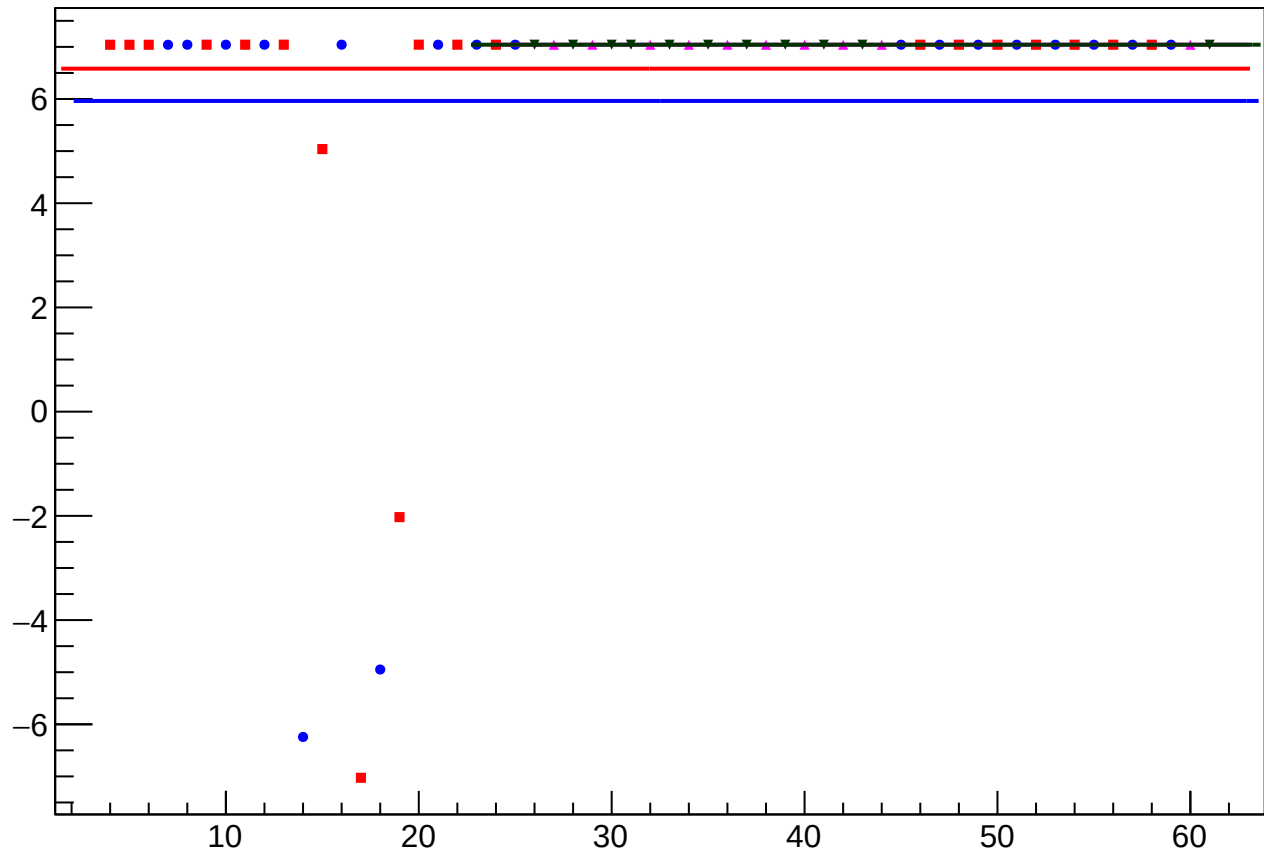
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :381149.7/9

0.004+/-0.000 χ^2/NDF : 3003506.2/28

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:1555191.7/10

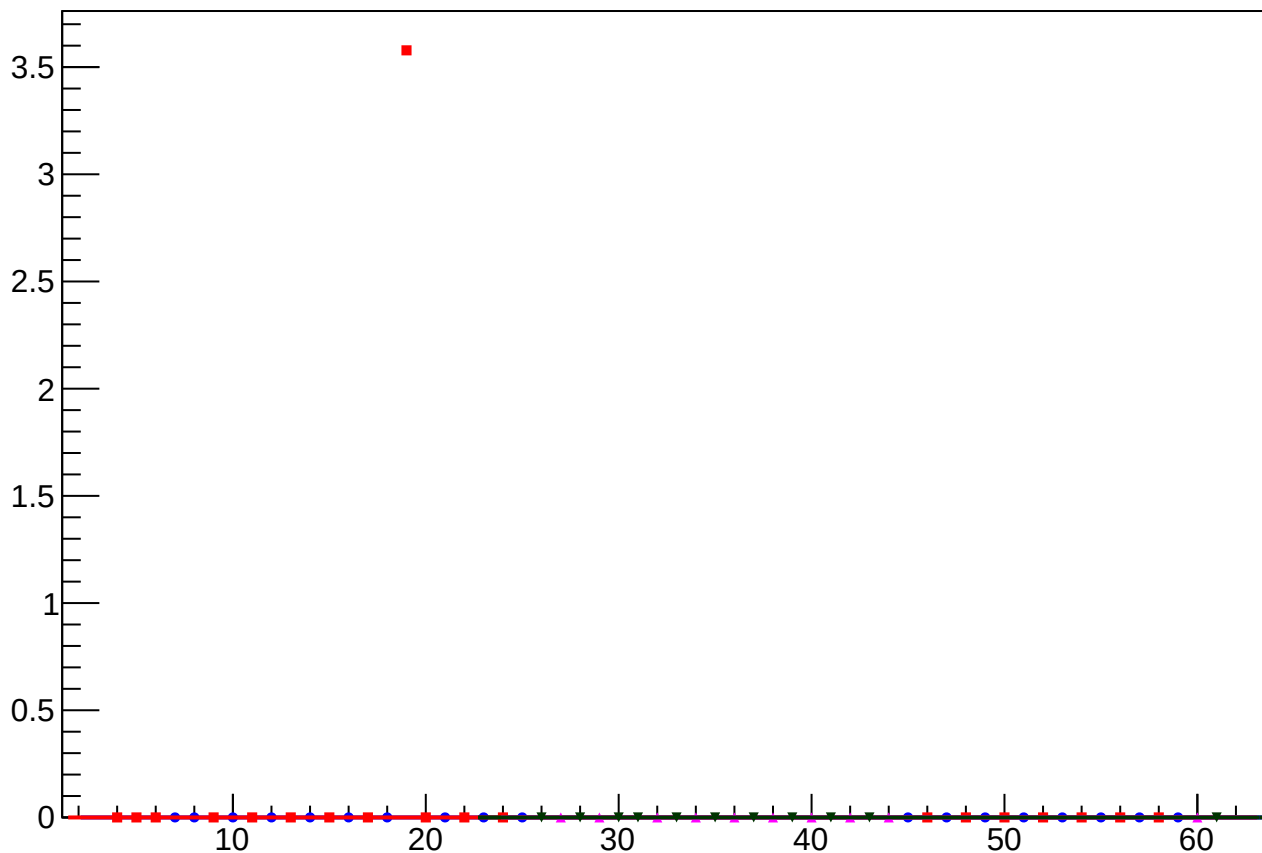
Right Out: 6.582 $\pm$ 0.000 χ^2 /NDF: 1856853993700647.2/18

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF:986136.5/9

6.370 $\pm$ 0.000 χ^2 /NDF: 4773361331787466.0/2

6.783 $\pm$ 0.000 χ^2 /NDF: 1885104916910423.0/2

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4282.3/17

Left Out: 0.000+/-0.000 χ^2/NDF :1652.6/10

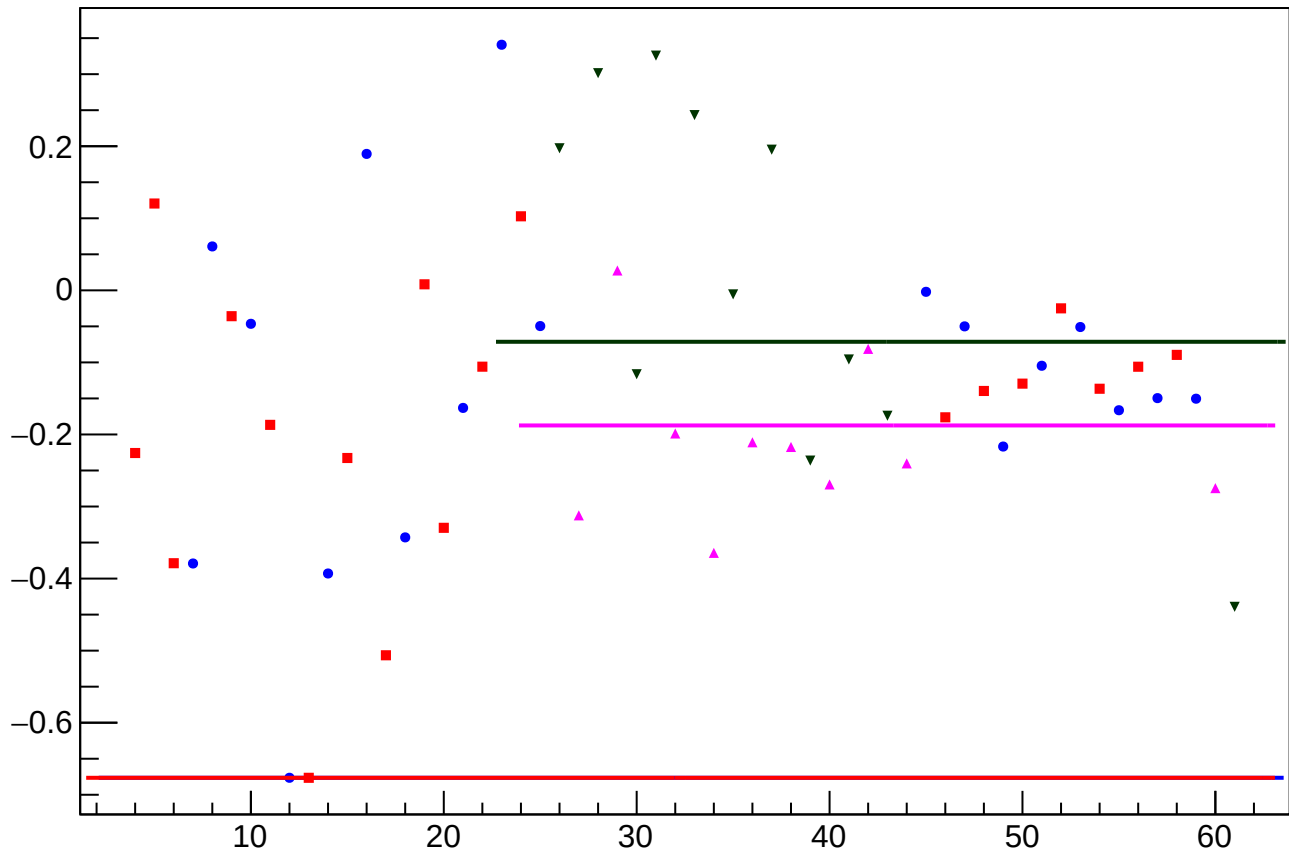
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF :1824.2/9

0.000+/-0.000 χ^2/NDF : 7198.6/28

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: -0.071+/-0.000 χ^2 /NDF:22435848.6/10

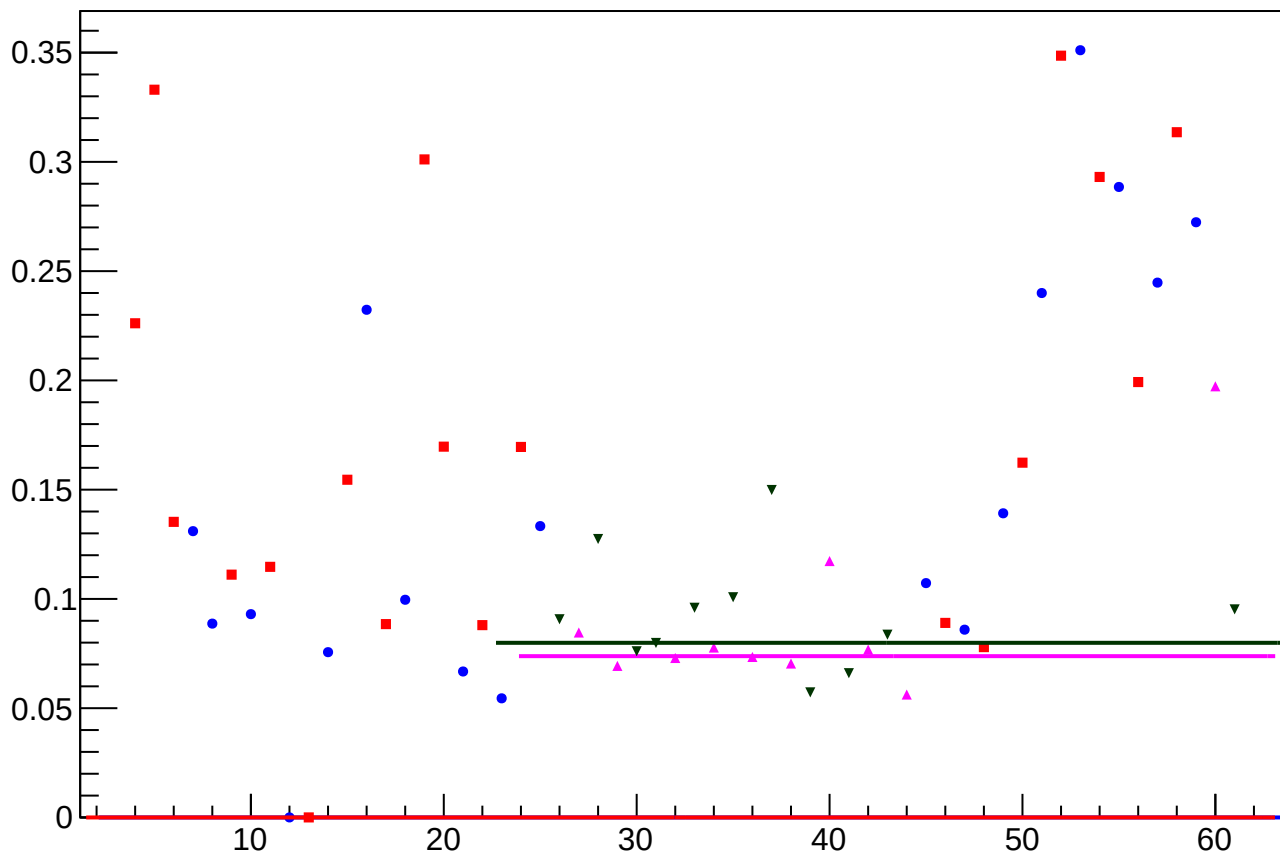
Right Out: -0.676+/-0.000 χ^2 /NDF: 102004552.0/18

Left In: -0.187+/-0.000 χ^2 /NDF:8432034.5/9

-0.676+/-0.000 χ^2 /NDF: 473303396.7/28

-0.676+/-0.000 χ^2 /NDF: 269263289.1/28

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.080+/-0.000 χ^2/NDF : 472705.0/10

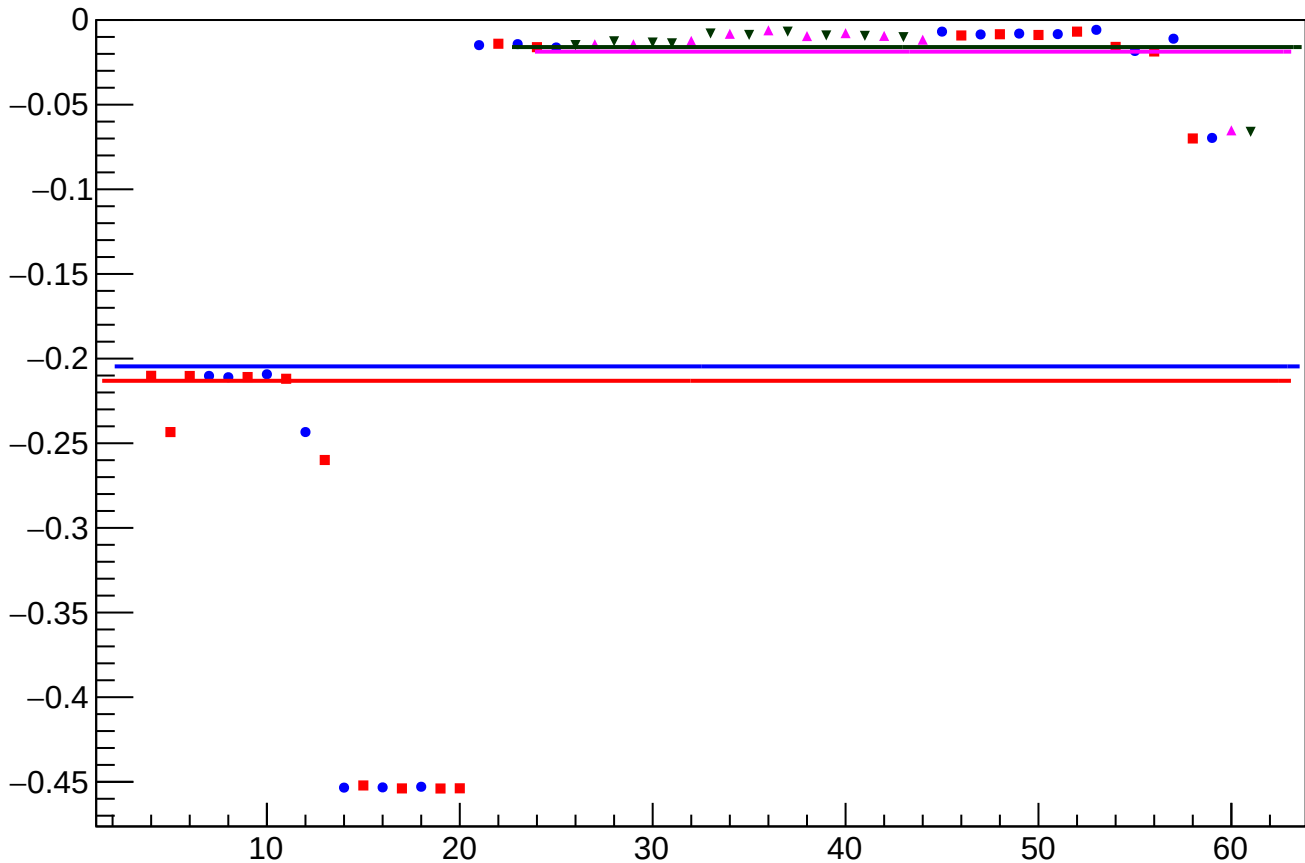
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.074+/-0.000 χ^2/NDF : 462771.5/9

0.000+/-0.000 χ^2/NDF : 23096084.3/28

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: -0.016+/-0.000 χ^2/NDF :16273208.6/10

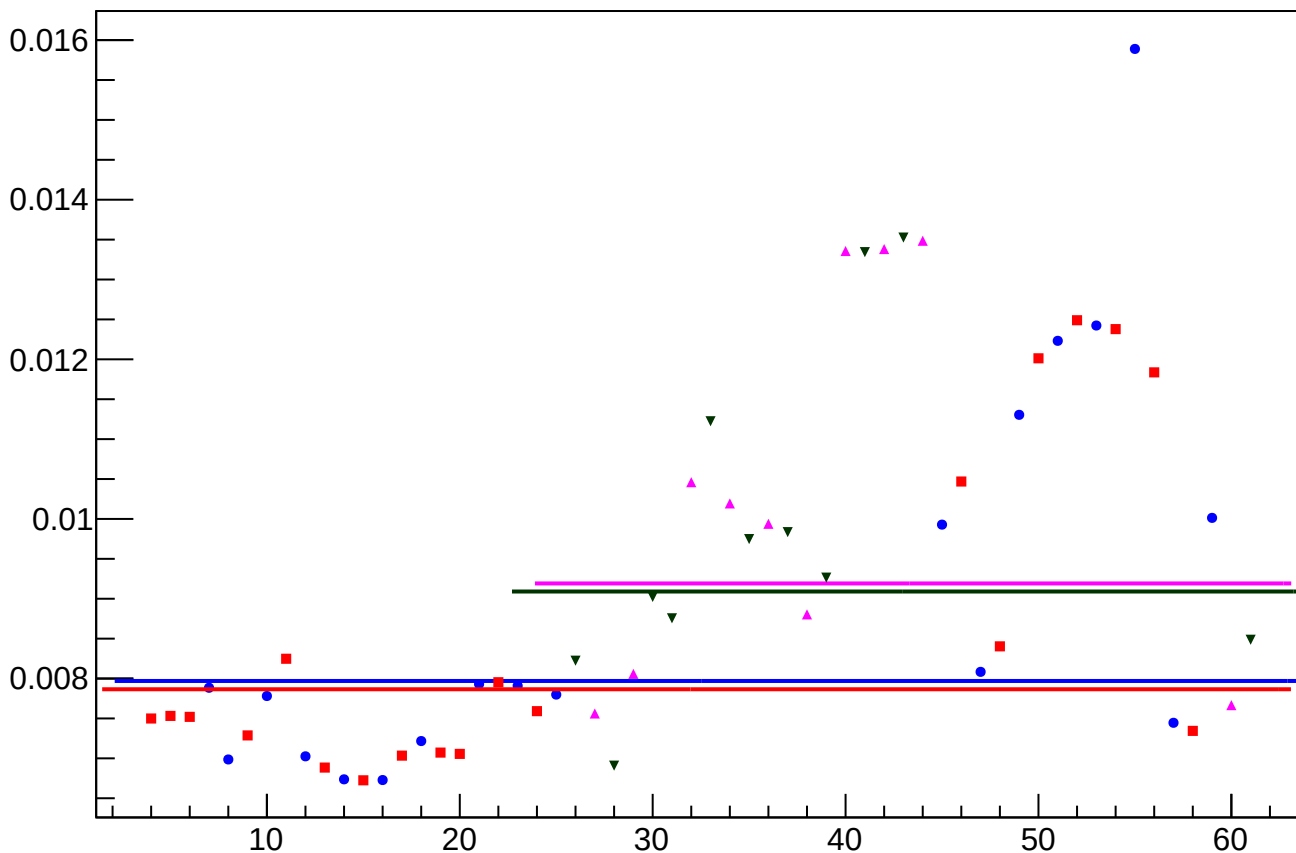
-0.151+/-0.000 χ^2/NDF : 7236569575.5/28

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.153+/-0.000 χ^2/NDF : 5962960867.7/28

Left In: -0.019+/-0.000 χ^2/NDF :22891933.2/9

yield_bpm4aX_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 943742.9/17

Left Out: 0.009+/-0.000 χ^2/NDF : 414947.0/10

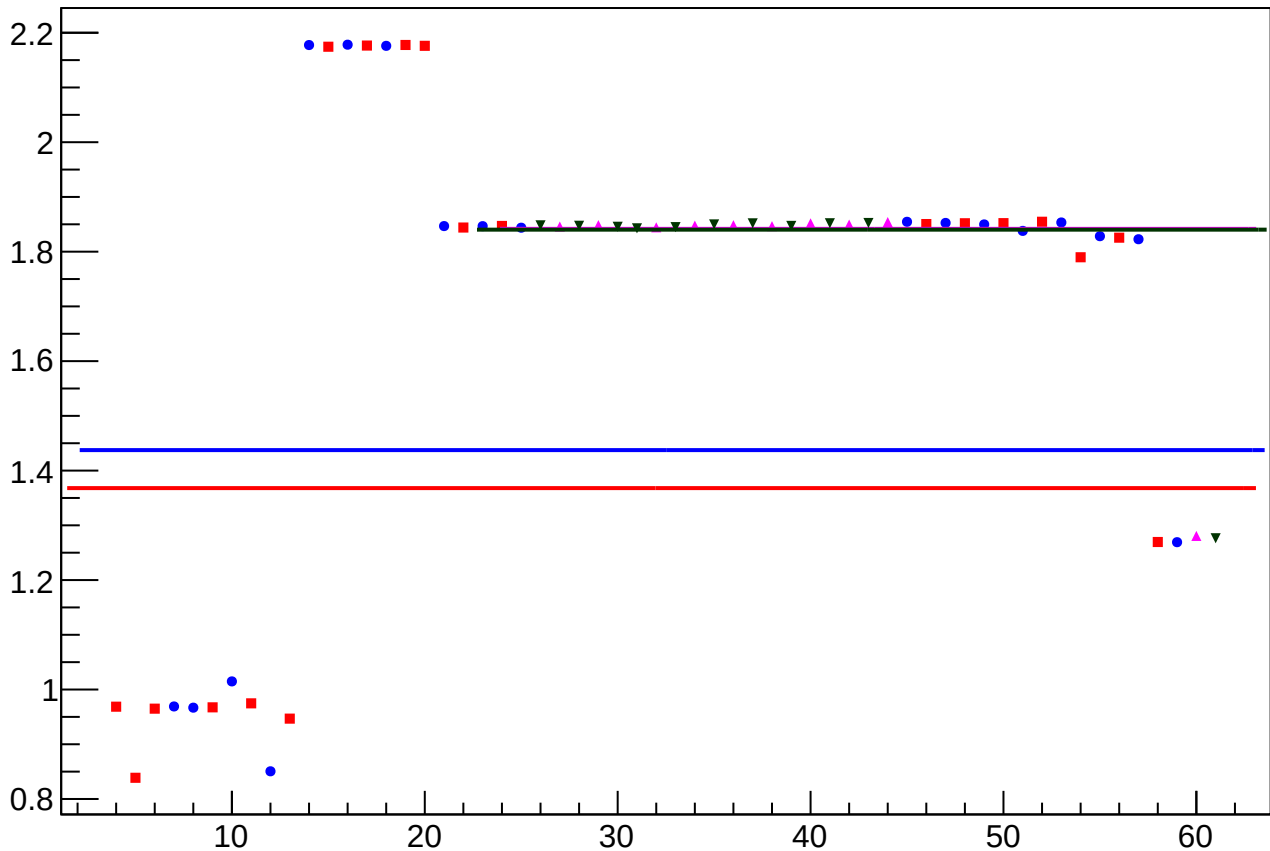
Right Out: 0.008+/-0.000 χ^2/NDF : 696189.4/18

Left In: 0.009+/-0.000 χ^2/NDF : 497237.3/9

0.008+/-0.000 χ^2/NDF : 1477384.5/28

0.008+/-0.000 χ^2/NDF : 1360651.9/28

yield_bpm4aY_mean vs slug



Right In: 1.437+/-0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.840+/-0.000 χ^2/NDF :133058212.4/10

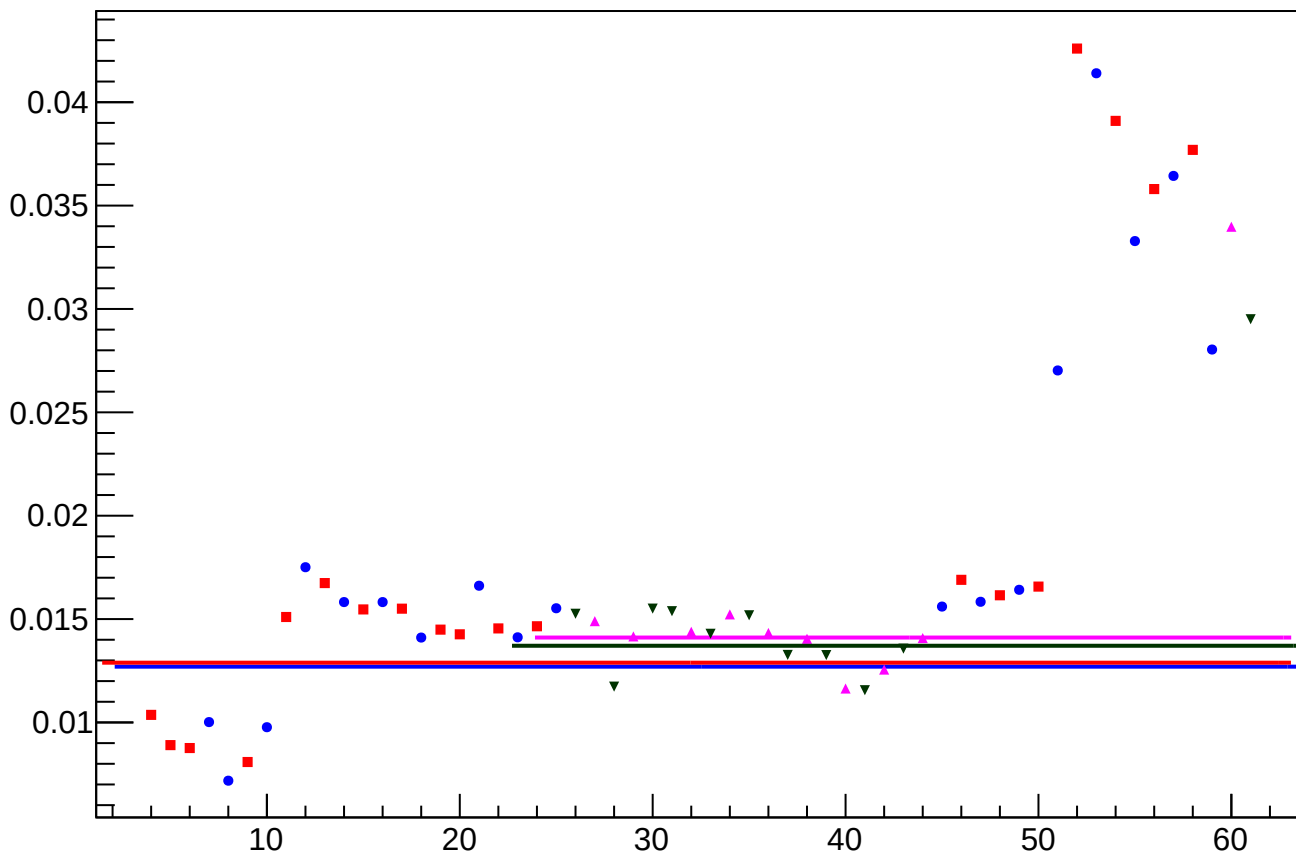
1.574+/-0.000 χ^2/NDF : 17381902248.0/28

Right Out: 1.368+/-0.000 χ^2/NDF : 12592500418.8/18

1.545+/-0.000 χ^2/NDF : 16738059594.7/28

Left In: 1.842+/-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: 0.014+/-0.000 χ^2/NDF :323790.1/10

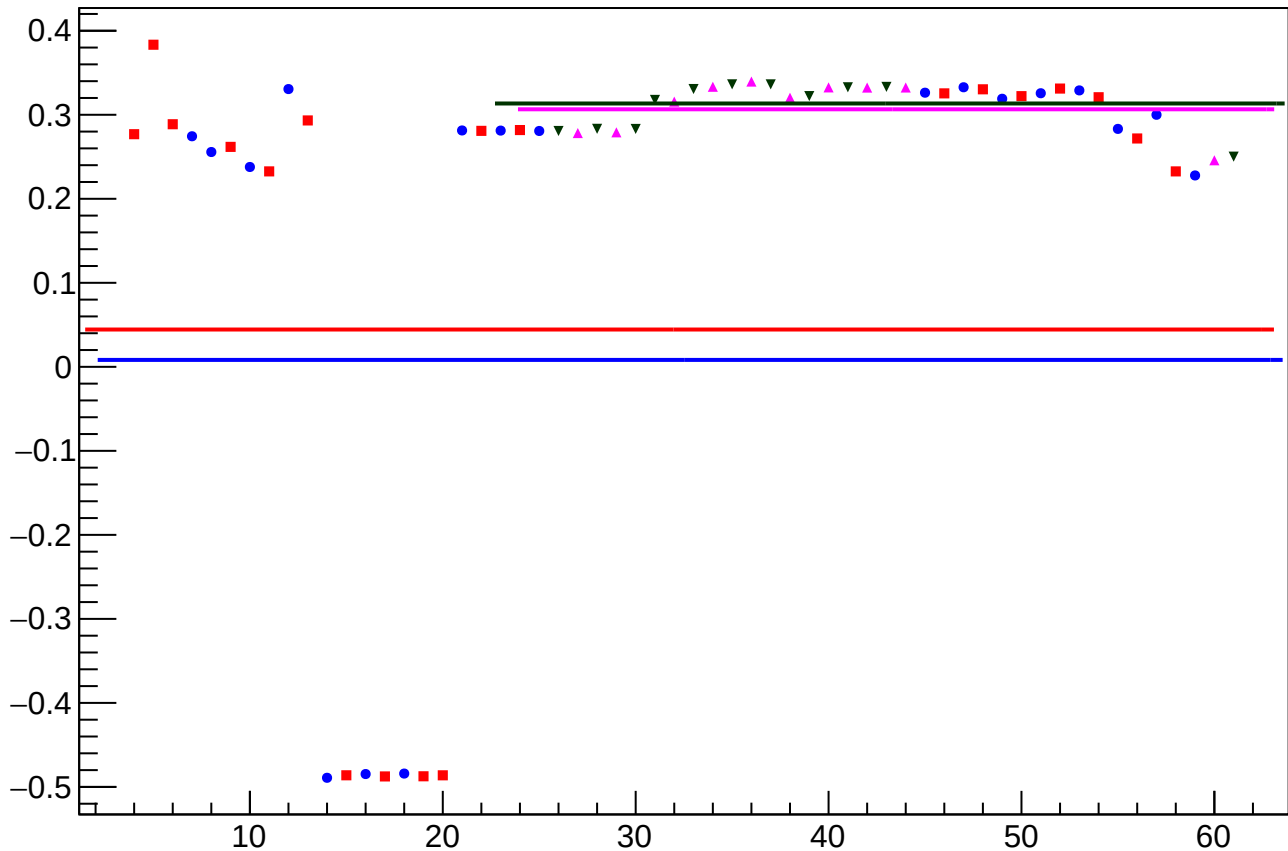
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.014+/-0.000 χ^2/NDF :335806.6/9

0.013+/-0.000 χ^2/NDF : 3896628.3/28

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: 0.313 $\pm$ 0.000 χ^2 /NDF:6107026.0/10

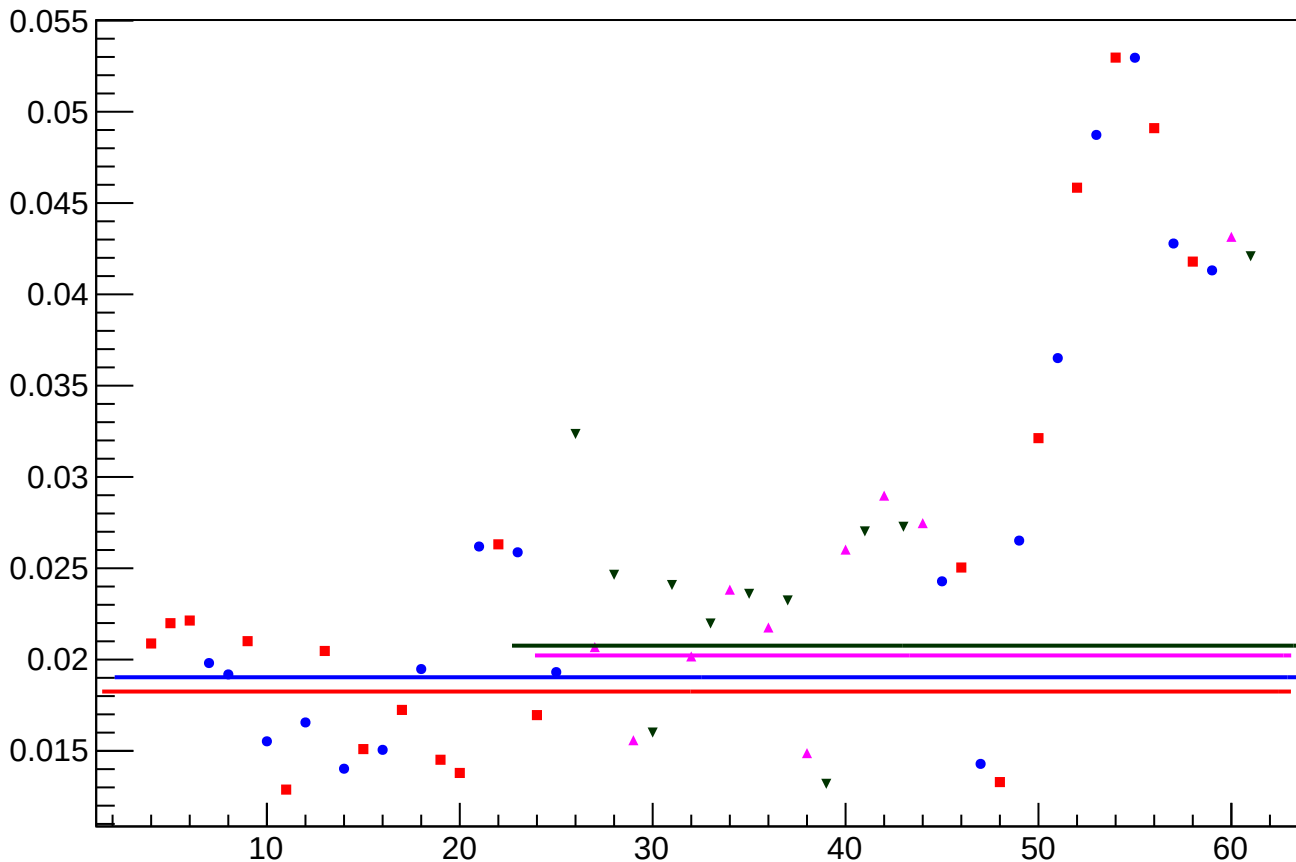
0.103 $\pm$ 0.000 χ^2 /NDF: 4336739880.3/28

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 3156873410.8/18

0.135 $\pm$ 0.000 χ^2 /NDF: 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: 0.021+/-0.000 χ^2/NDF : 941764.5/10

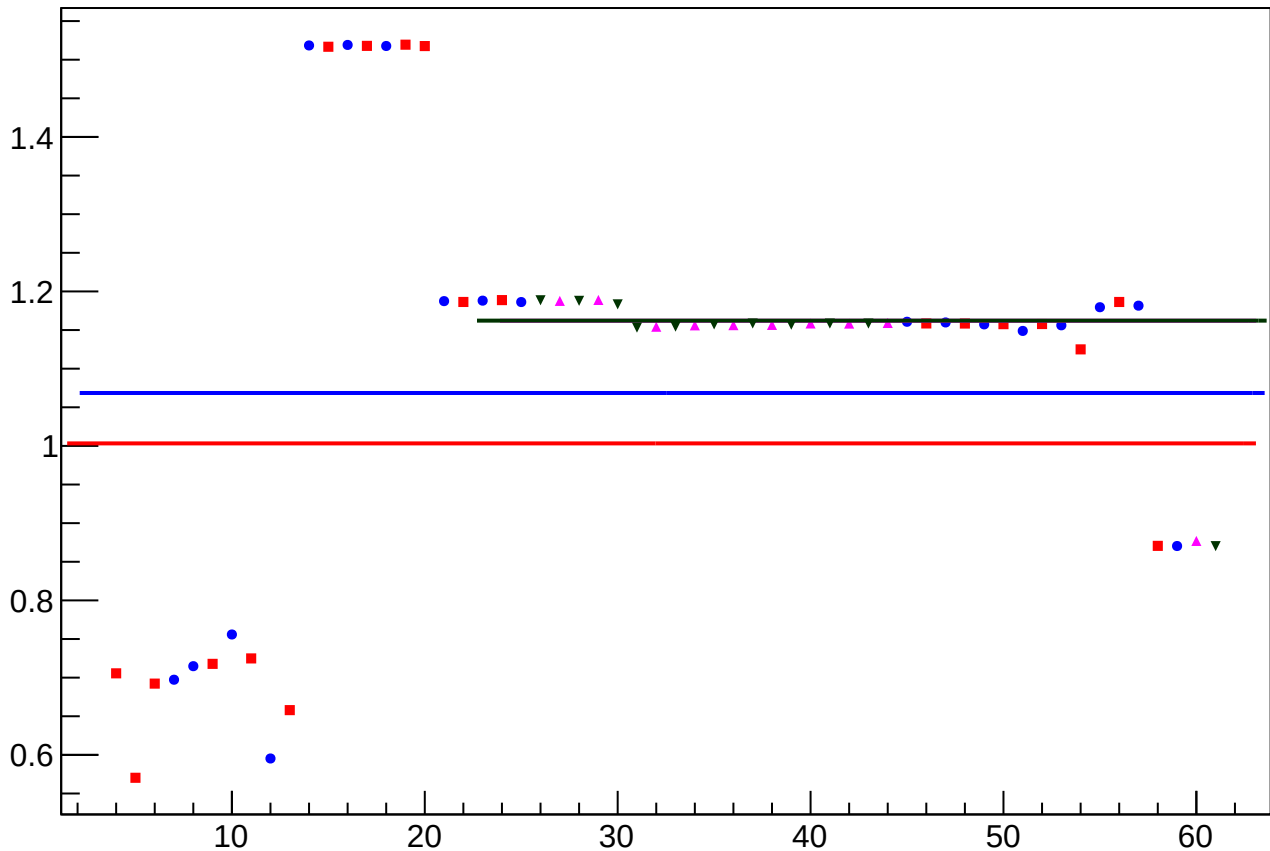
0.020+/-0.000 χ^2/NDF : 3584205.2/28

Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

0.019+/-0.000 χ^2/NDF : 3313457.7/28

Left In: 0.020+/-0.000 χ^2/NDF : 761136.9/9

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.162+/-0.000 χ^2/NDF : 73085265.8/10

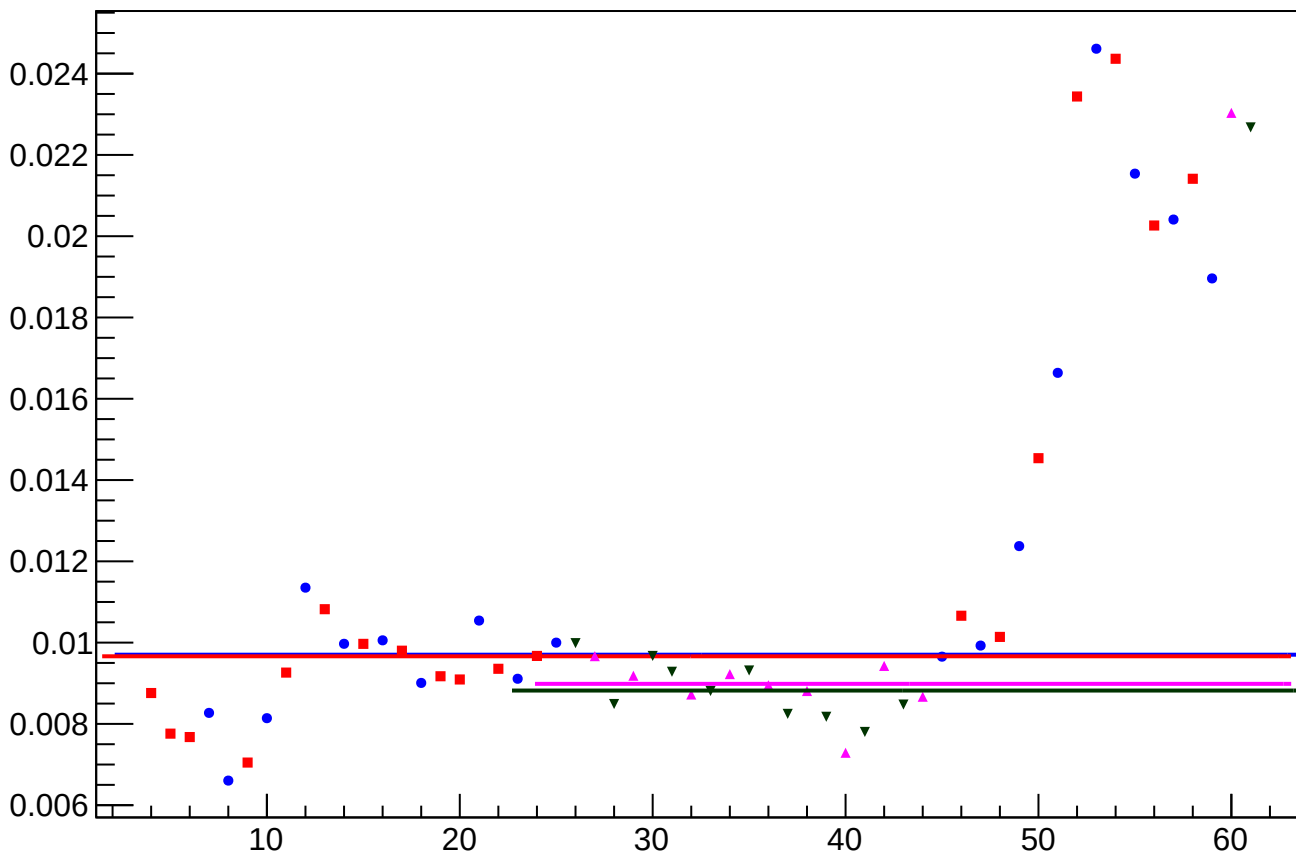
1.106+/-0.000 χ^2/NDF : 10979987795.3/28

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.072+/-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 : 331920.5/10

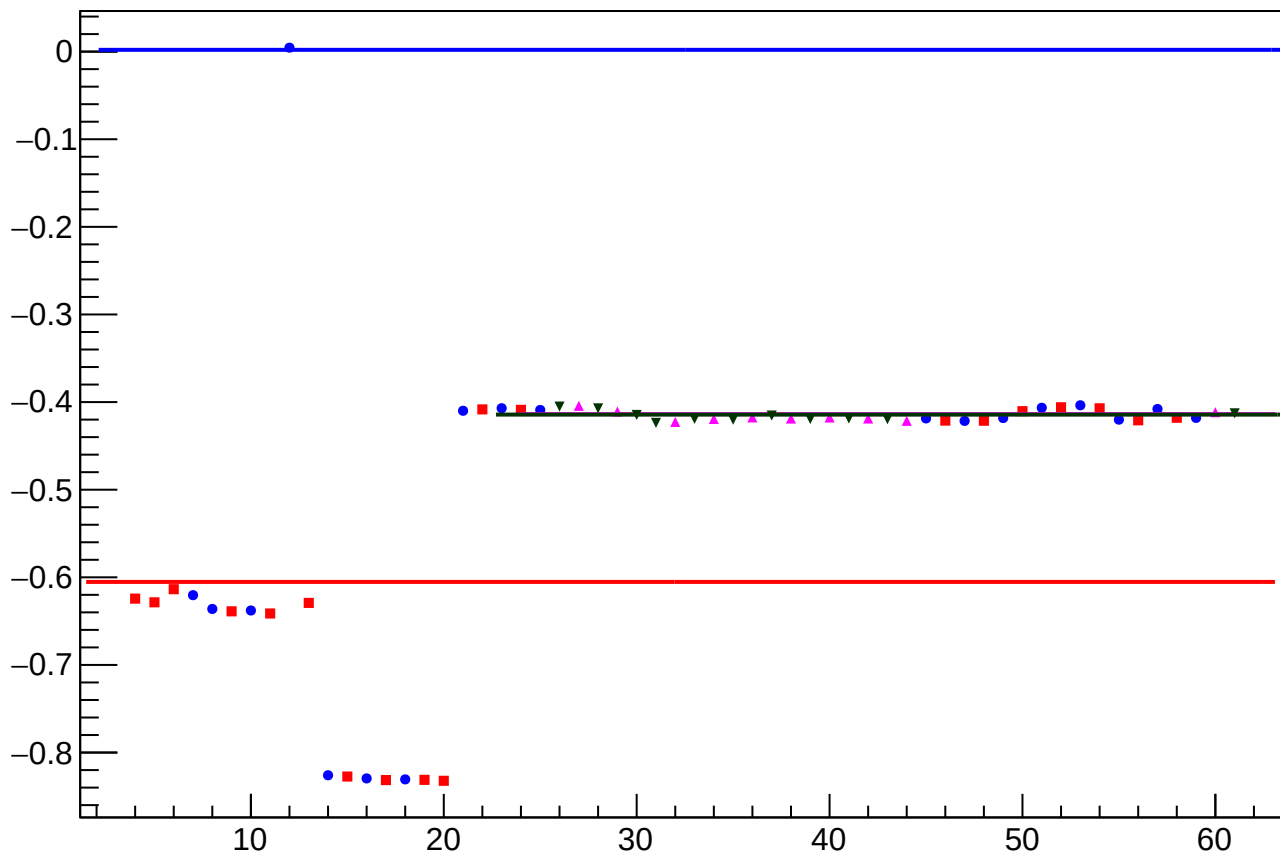
0.009+/-0.000 χ^2/NDF : 2301126.6/28

Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

0.009+/-0.000 χ^2/NDF : 1989192.9/28

Left In: 0.009+/-0.000 χ^2/NDF : 355744.3/9

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.414 $\pm$ 0.000 χ^2 /NDF: 2273234.8/10

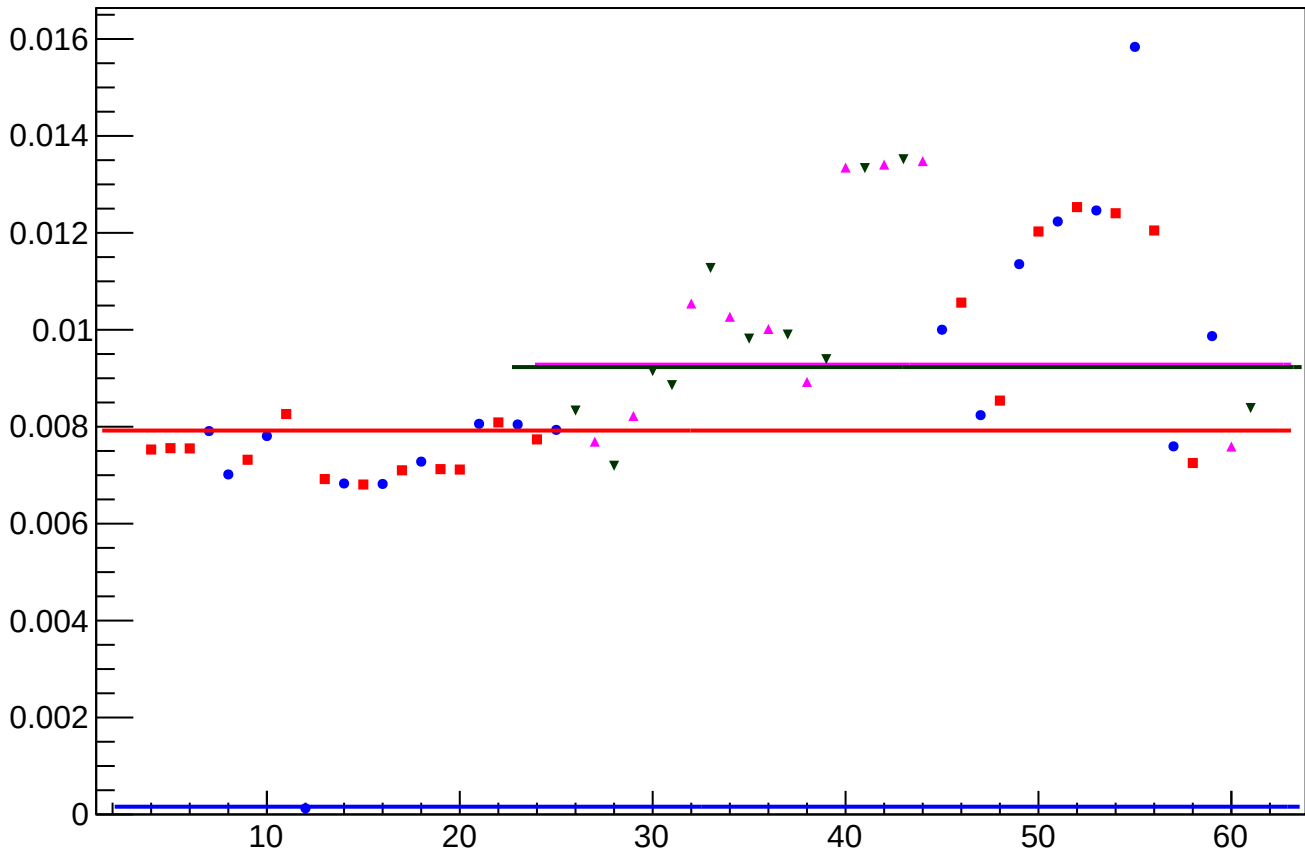
Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

Left In: -0.414 $\pm$ 0.000 χ^2 /NDF: 2704367.6/9

0.001 $\pm$ 0.000 χ^2 /NDF: 70859109619.3/28

-0.546 $\pm$ 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:374798.2/10

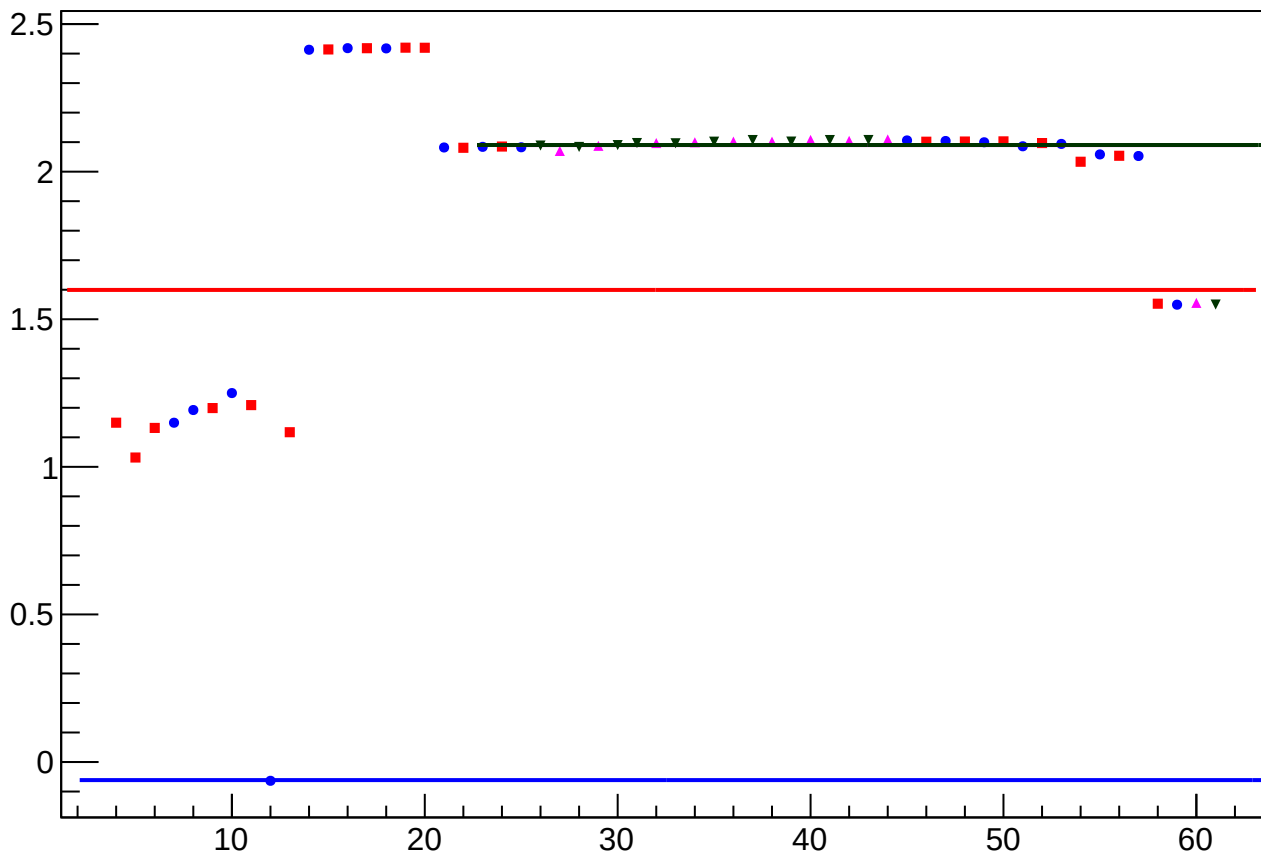
0.000 $\pm$ 0.000 χ^2 /NDF: 31184074.7/28

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 697414.3/18

0.008 $\pm$ 0.000 χ^2 /NDF: 1353213.6/28

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:482645.9/9

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.090+/-0.000 χ^2/NDF :120975447.5/10

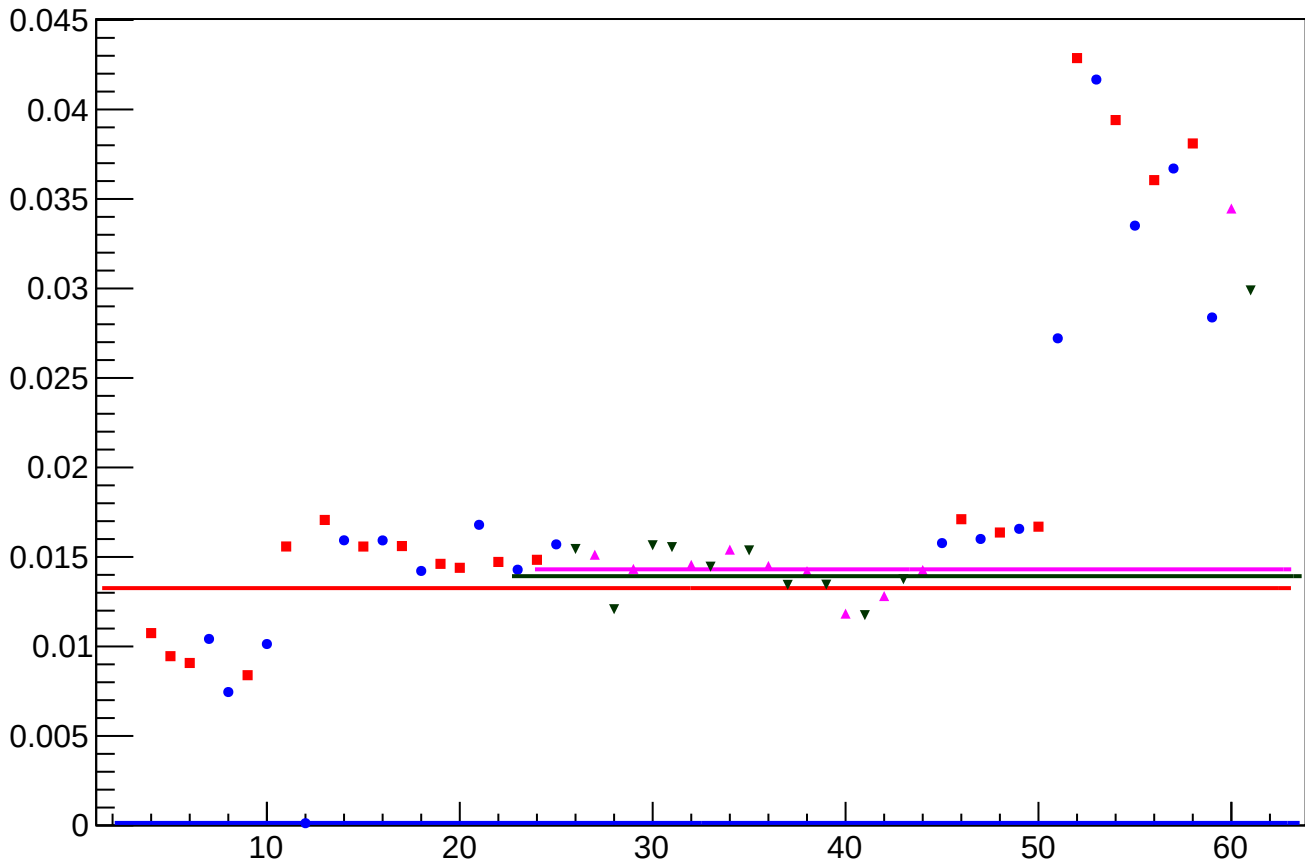
Right Out: 1.599+/-0.000 χ^2/NDF : 13096029057.2/18

Left In: 2.090+/-0.000 χ^2/NDF :98965935.4/9

-0.060+/-0.000 χ^2/NDF : 297344118341.6/28

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 :313850.1/10

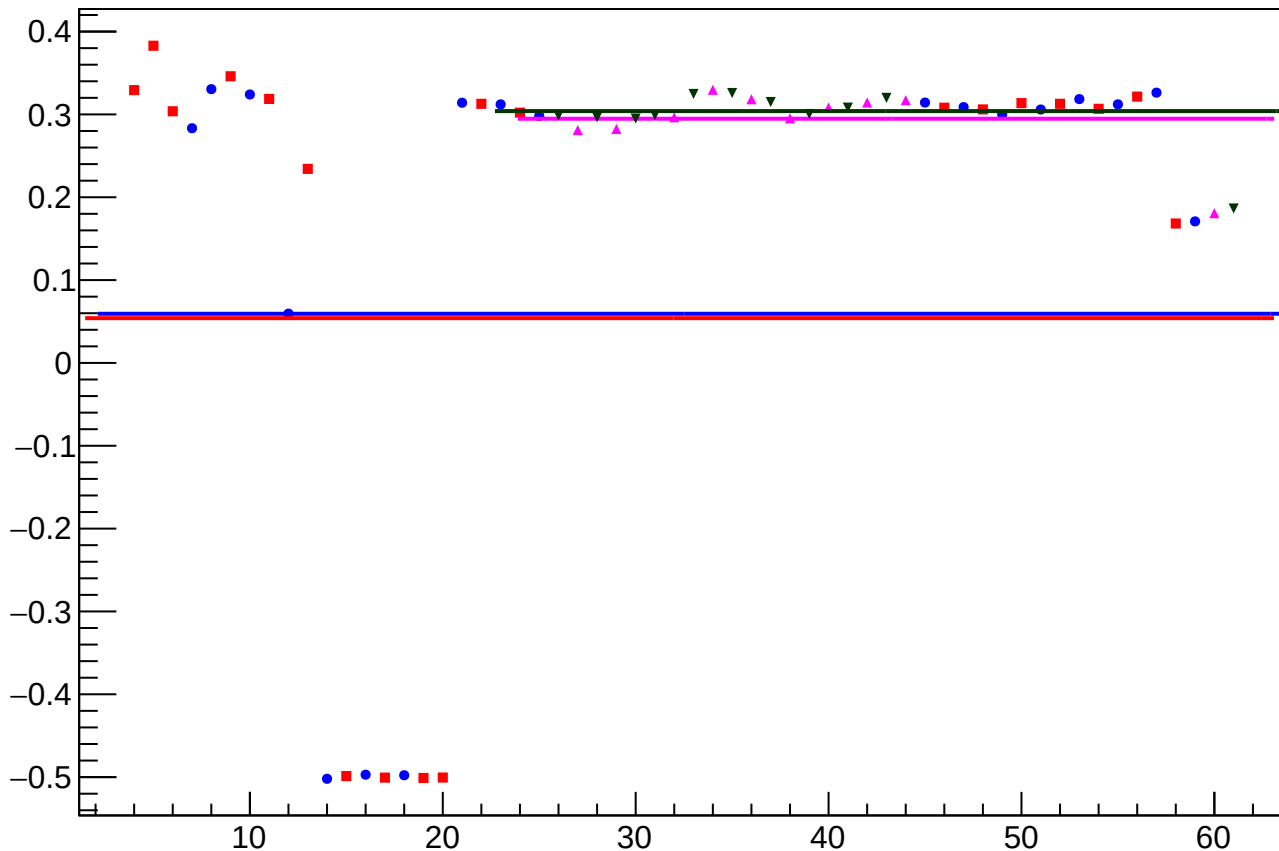
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.014+/-0.000 χ^2/NDF :333450.5/9

0.000+/-0.000 χ^2/NDF : 30308160.4/28

0.014+/-0.000 χ^2/NDF : 3061774.5/28

yield_bpm4ecX_mean vs slug



Right In: 0.059 ± 0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.304 ± 0.000 χ^2/NDF : 4609518.4/10

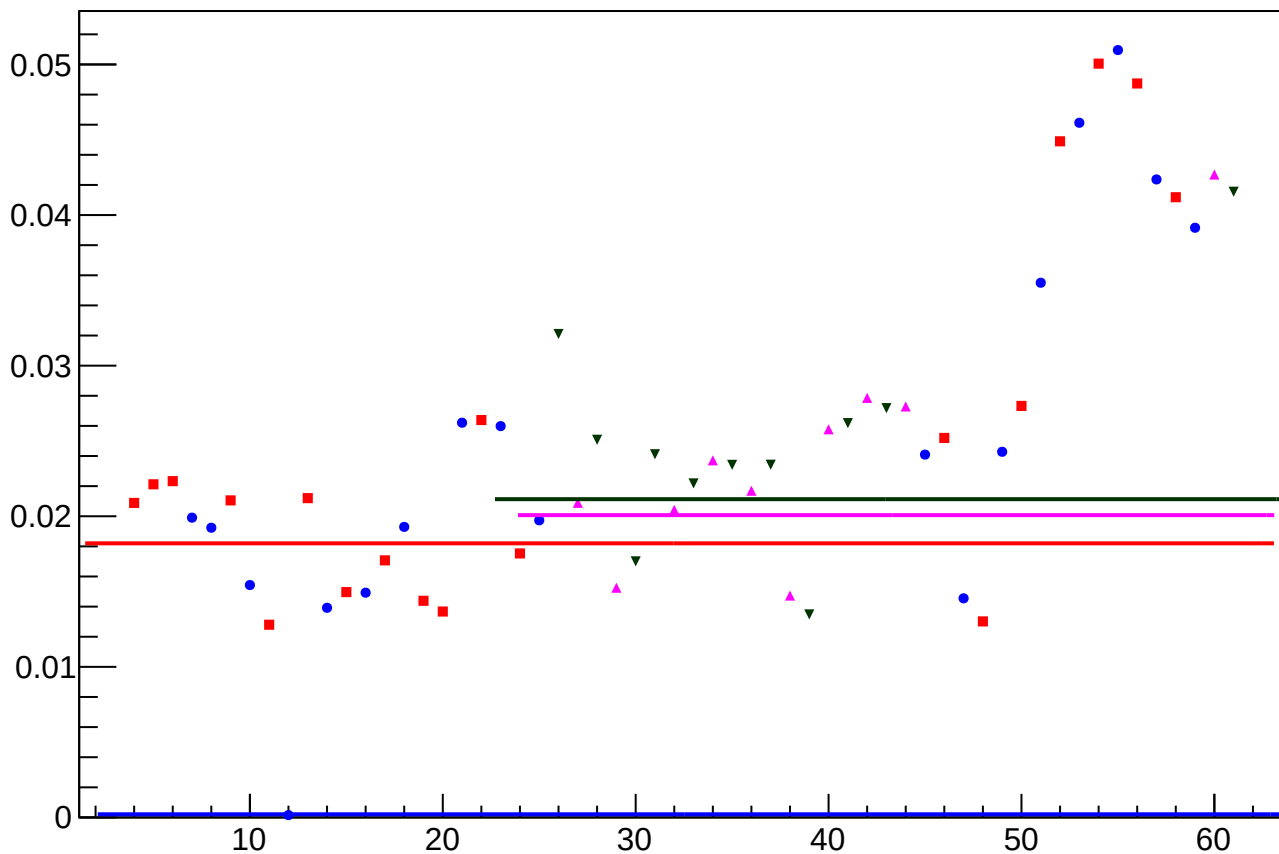
0.060 ± 0.000 χ^2/NDF : 4565802428.3/28

Right Out: 0.054 ± 0.000 χ^2/NDF : 3509628523.3/18

0.137 ± 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 : 851584.2/10

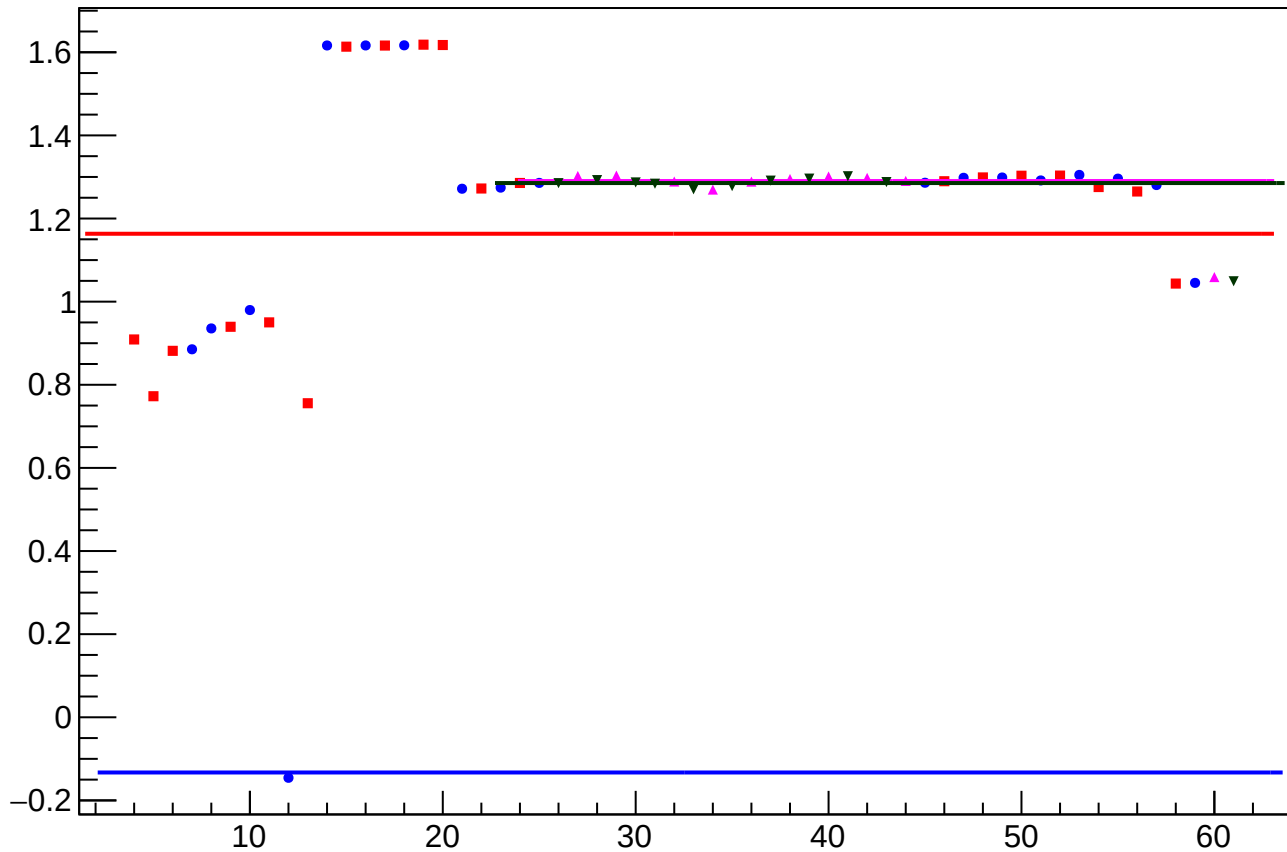
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.020+/-0.000 χ^2/NDF : 772130.4/9

0.000+/-0.000 χ^2/NDF : 30437713.9/28

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: 1.285+/-0.000 χ^2/NDF : 40228893.4/10

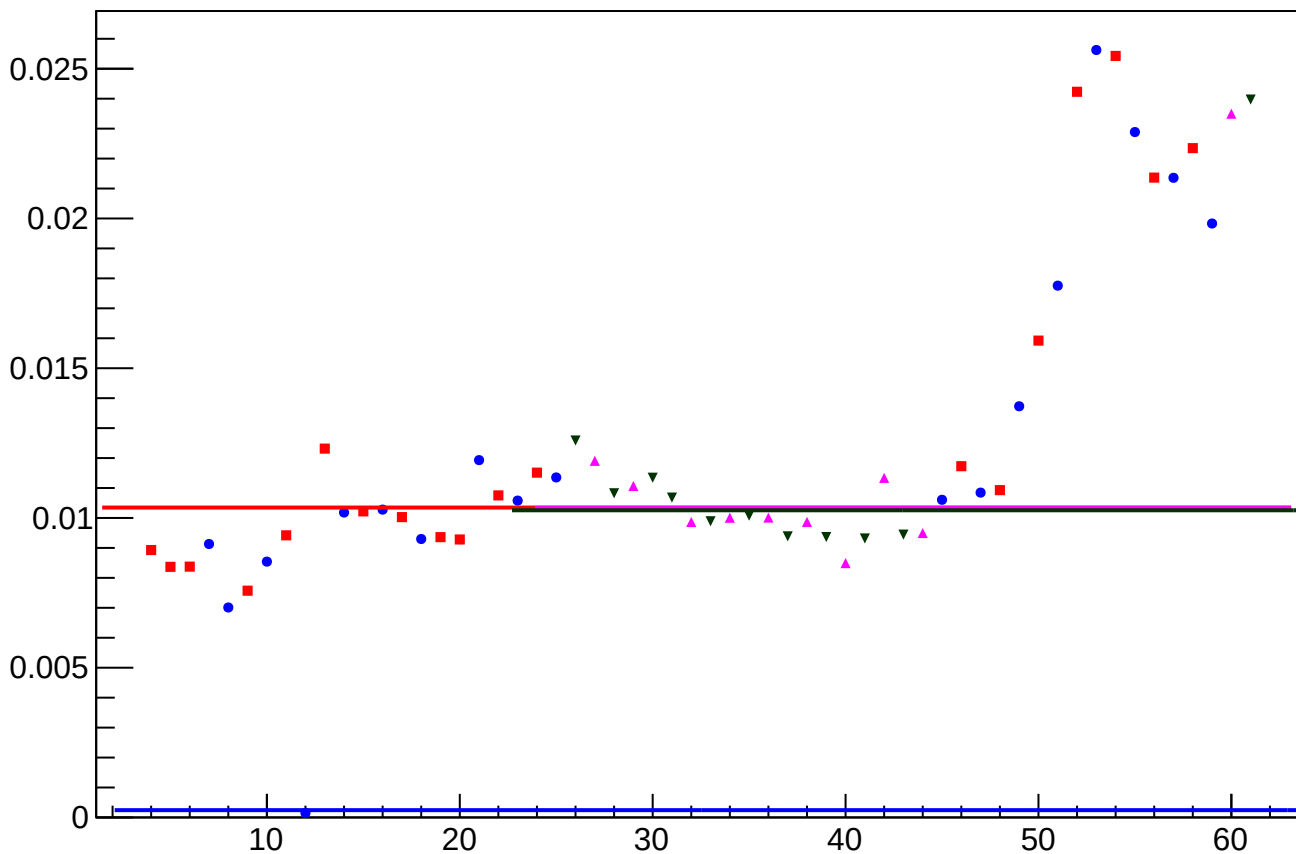
-0.125+/-0.000 χ^2/NDF : 270938660470.5/28

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.214+/-0.000 χ^2/NDF : 7807497053.0/28

Left In: 1.290+/-0.000 χ^2/NDF : 43315664.2/9

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19204976.4/17

Left Out: 0.010+/-0.000 χ^2/NDF : 326843.6/10

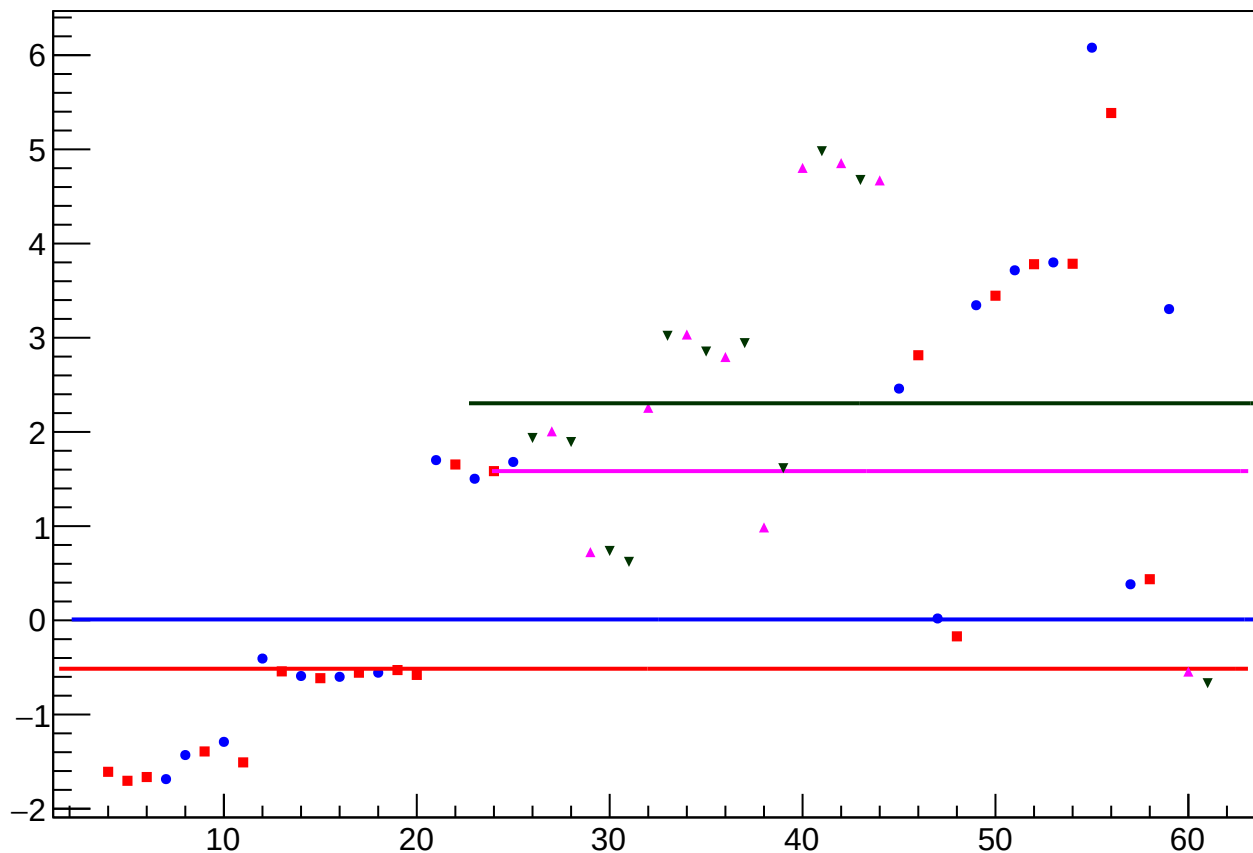
0.000+/-0.000 χ^2/NDF : 29658595.9/28

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 $\pm$ 0.000 χ^2 /NDF: 18135045883.2/17

Left Out: 2.304 $\pm$ 0.000 χ^2 /NDF:1434487815.3/10

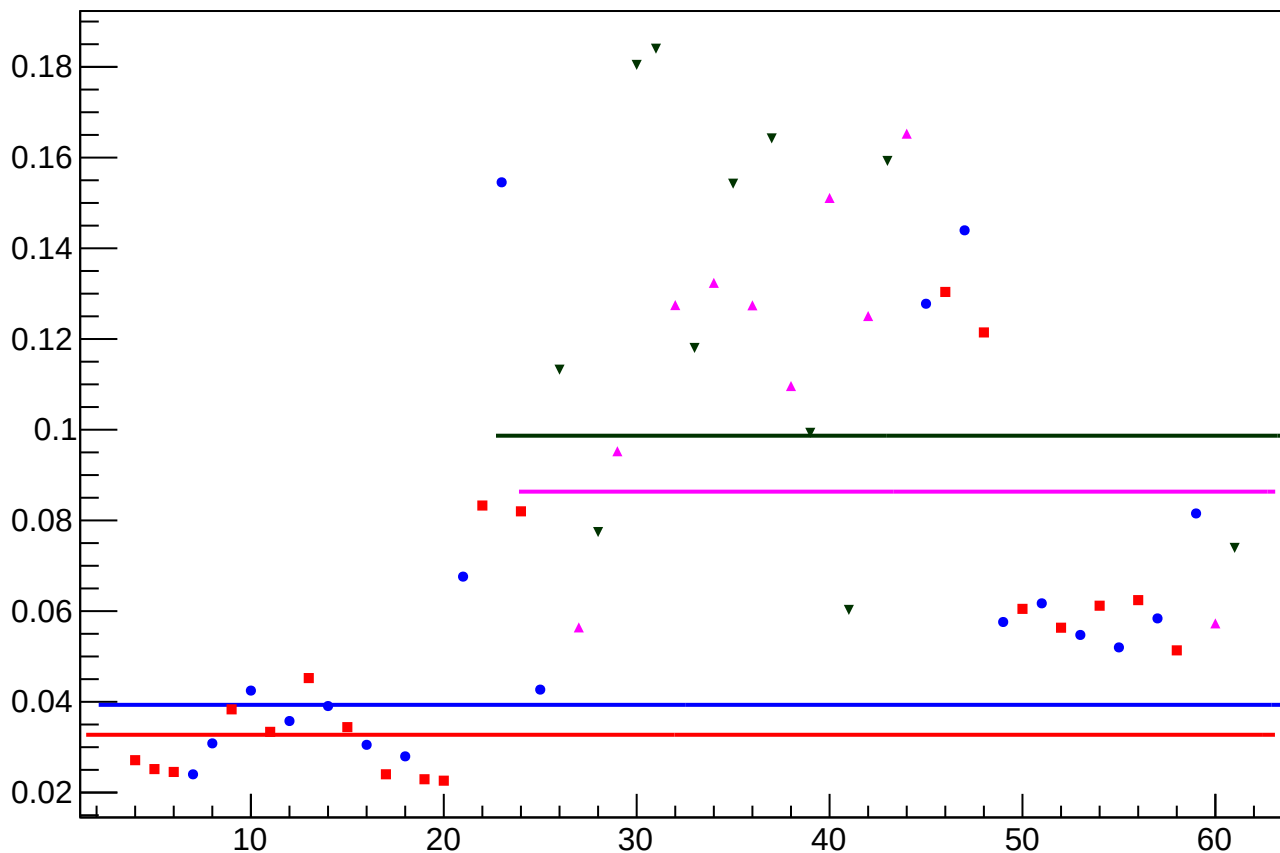
Right Out: -0.514 $\pm$ 0.000 χ^2 /NDF: 14474436949.2/18

Left In: 1.584 $\pm$ 0.000 χ^2 /NDF:1493884505.5/9

0.185 $\pm$ 0.000 χ^2 /NDF: 21494524367.2/28

-0.339 $\pm$ 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: 0.099+/-0.000 χ^2/NDF : 1170828.4/10

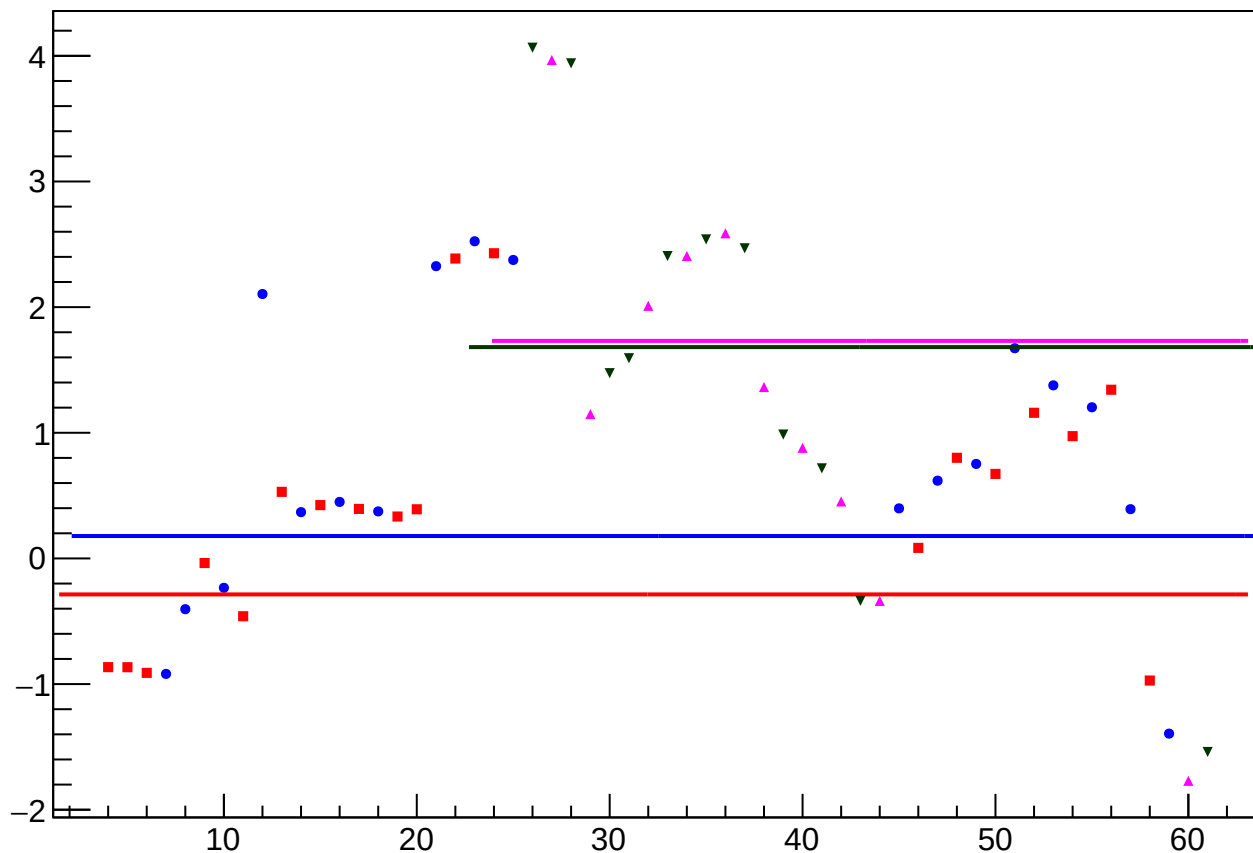
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.086+/-0.000 χ^2/NDF : 1381459.5/9

0.044+/-0.000 χ^2/NDF : 6823447.6/28

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: 1.682+/-0.000 χ^2/NDF : 2931001427.4/10

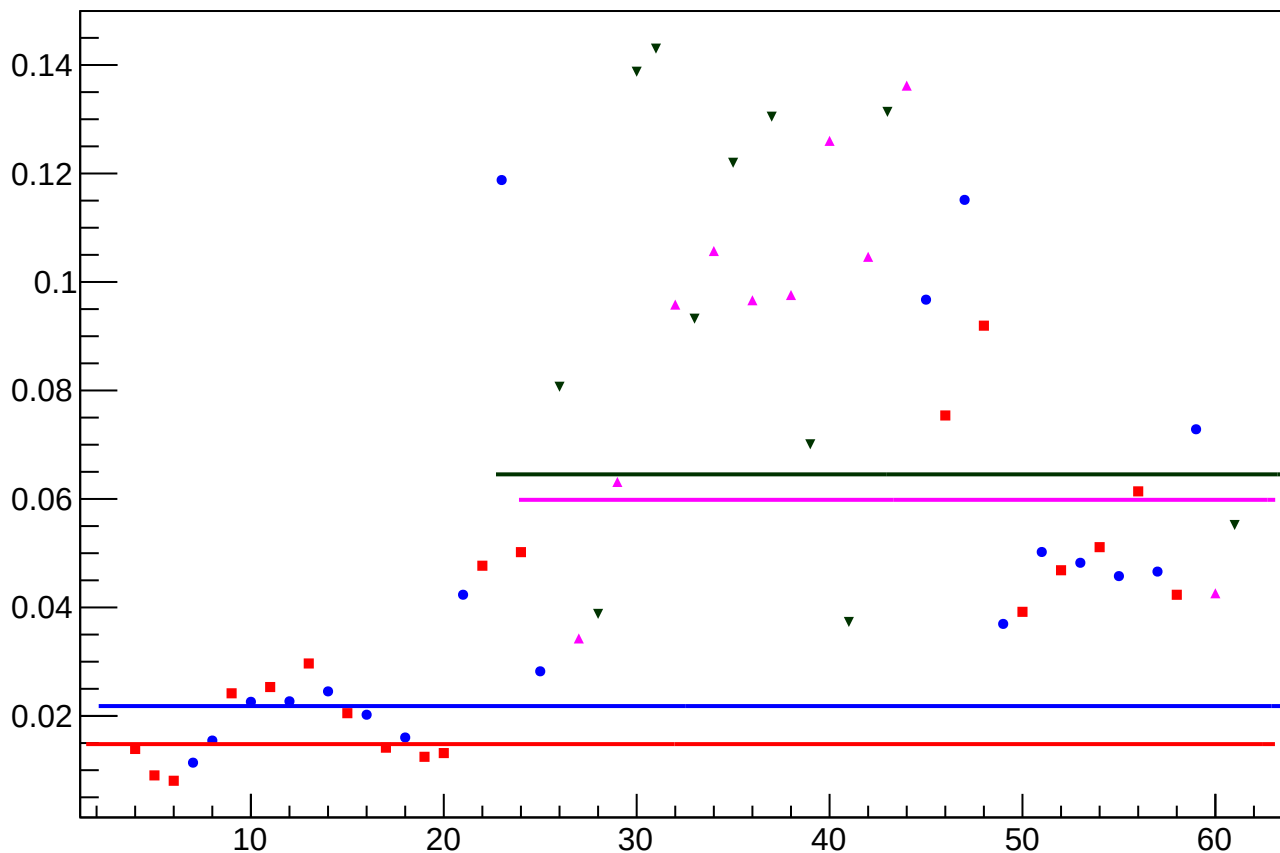
Right Out: -0.286+/-0.000 χ^2/NDF : 10734675455.5/18

Left In: 1.731+/-0.000 χ^2/NDF : 4922926811.4/9

0.269+/-0.000 χ^2/NDF : 14091723208.5/28

-0.196+/-0.000 χ^2/NDF : 19653943874.4/28

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.065+/-0.000 χ^2/NDF :1802421.4/10

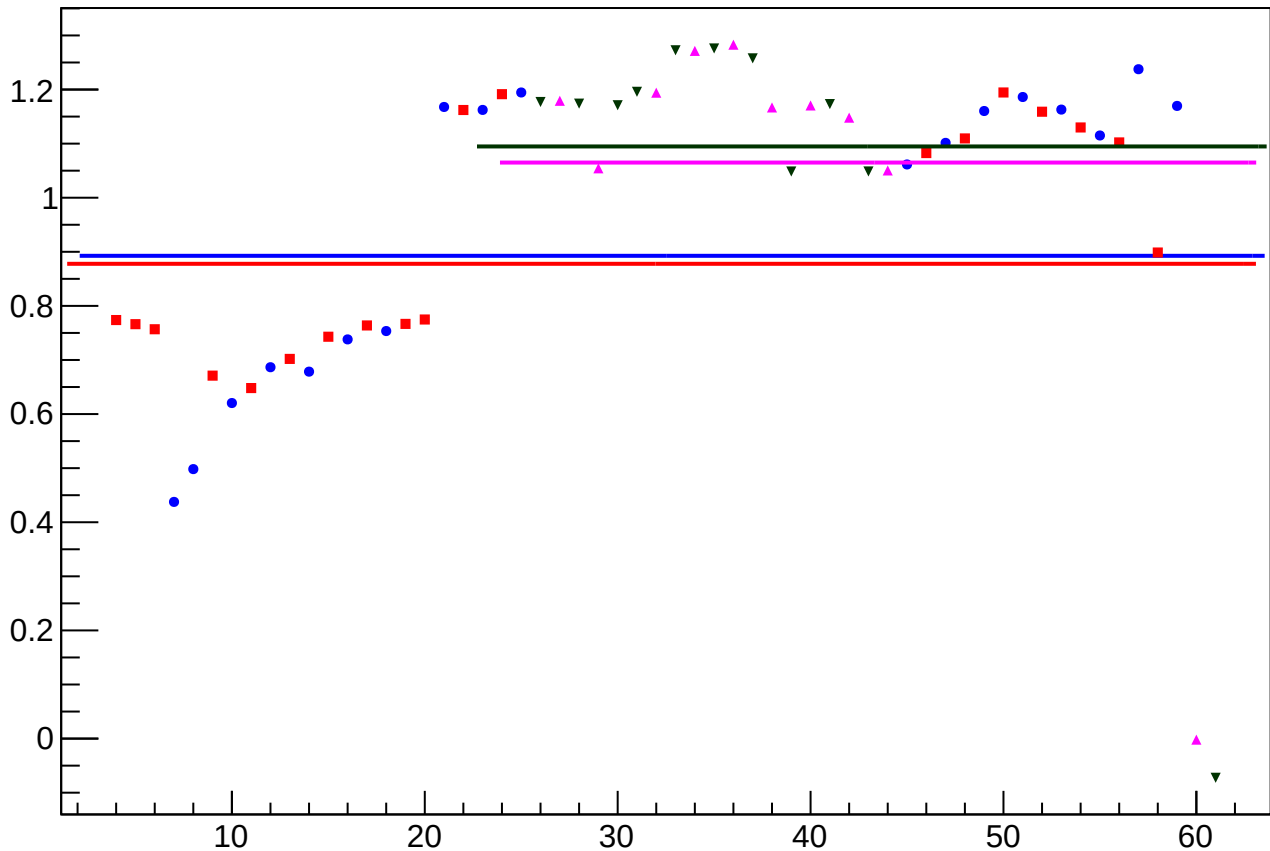
Right Out: 0.015+/-0.000 χ^2/NDF : 4938559.5/18

Left In: 0.060+/-0.000 χ^2/NDF :1962312.0/9

0.024+/-0.000 χ^2/NDF : 9181019.7/28

0.017+/-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: 1.095+/-0.000 χ^2/NDF :1061247146.4/10

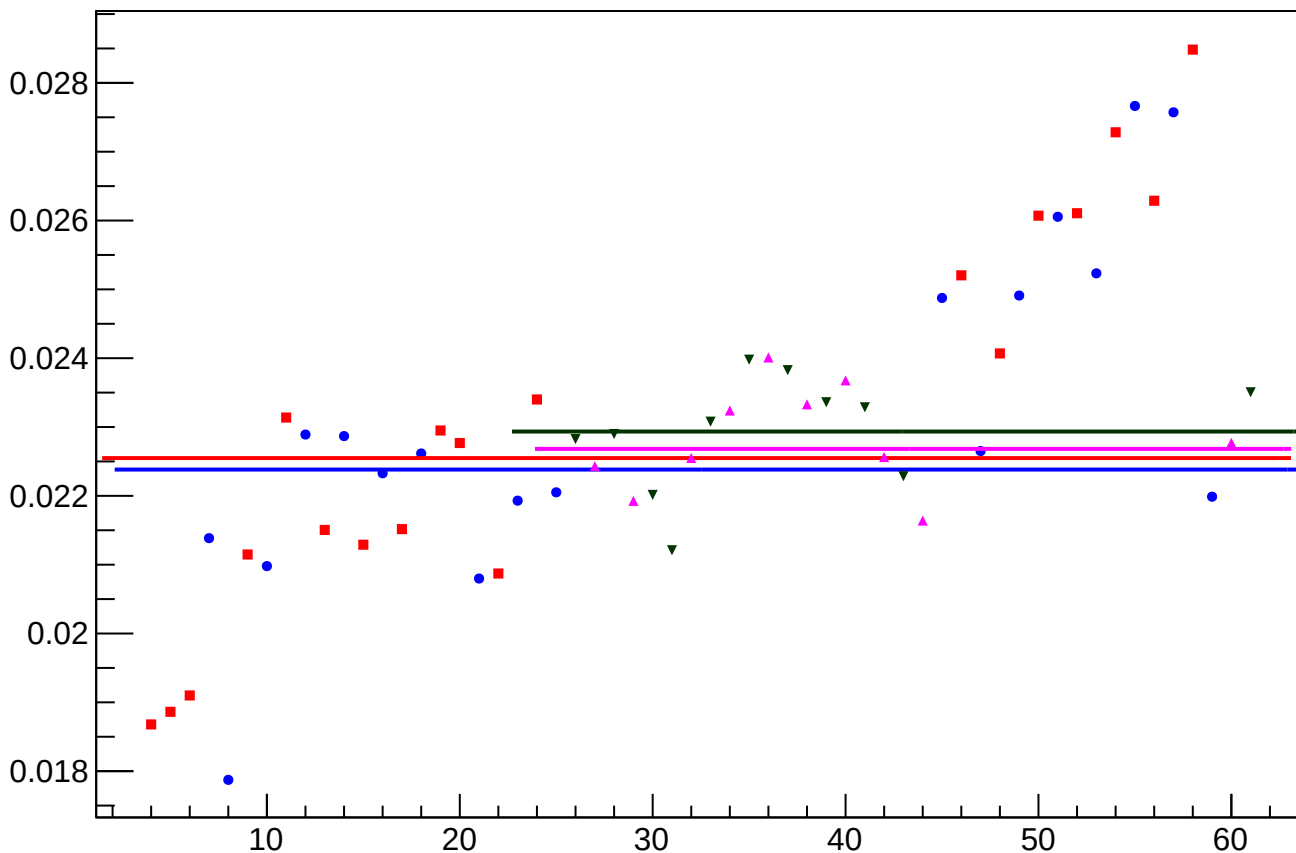
Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

Left In: 1.065+/-0.000 χ^2/NDF :1233819532.9/9

0.959+/-0.000 χ^2/NDF : 2979105914.9/28

0.949+/-0.000 χ^2/NDF : 2244840585.3/28

yield_bpm11X_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 264611.3/17

Left Out: 0.023+/-0.000 χ^2/NDF :11916.3/10

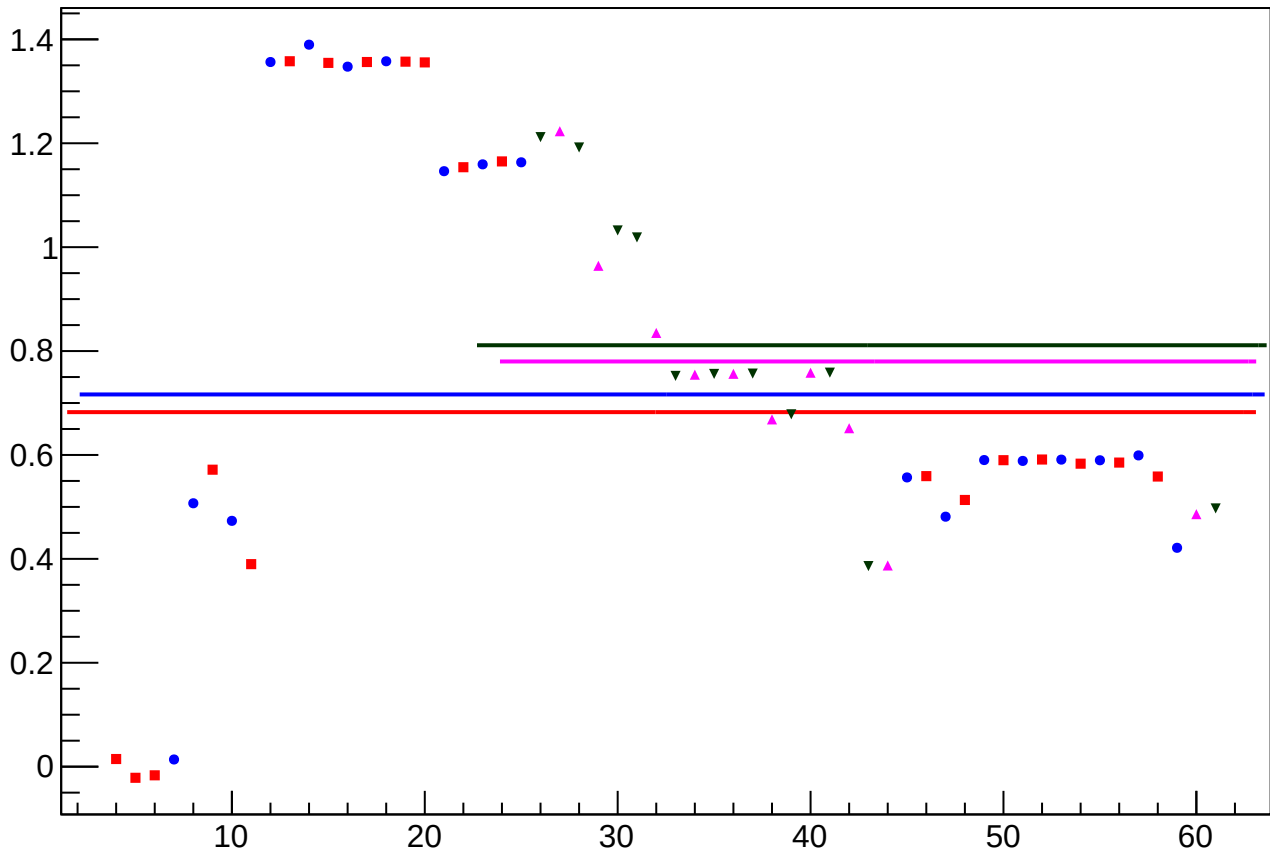
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.023+/-0.000 χ^2/NDF :10443.4/9

0.023+/-0.000 χ^2/NDF : 280839.8/28

0.023+/-0.000 χ^2/NDF : 256891.2/28

yield_bpm11Y_mean vs slug



Right In: 0.716 $\pm$ 0.000 χ^2 /NDF: 131330740430.7/17

Left Out: 0.811 $\pm$ 0.000 χ^2 /NDF: 26472975705.7/10

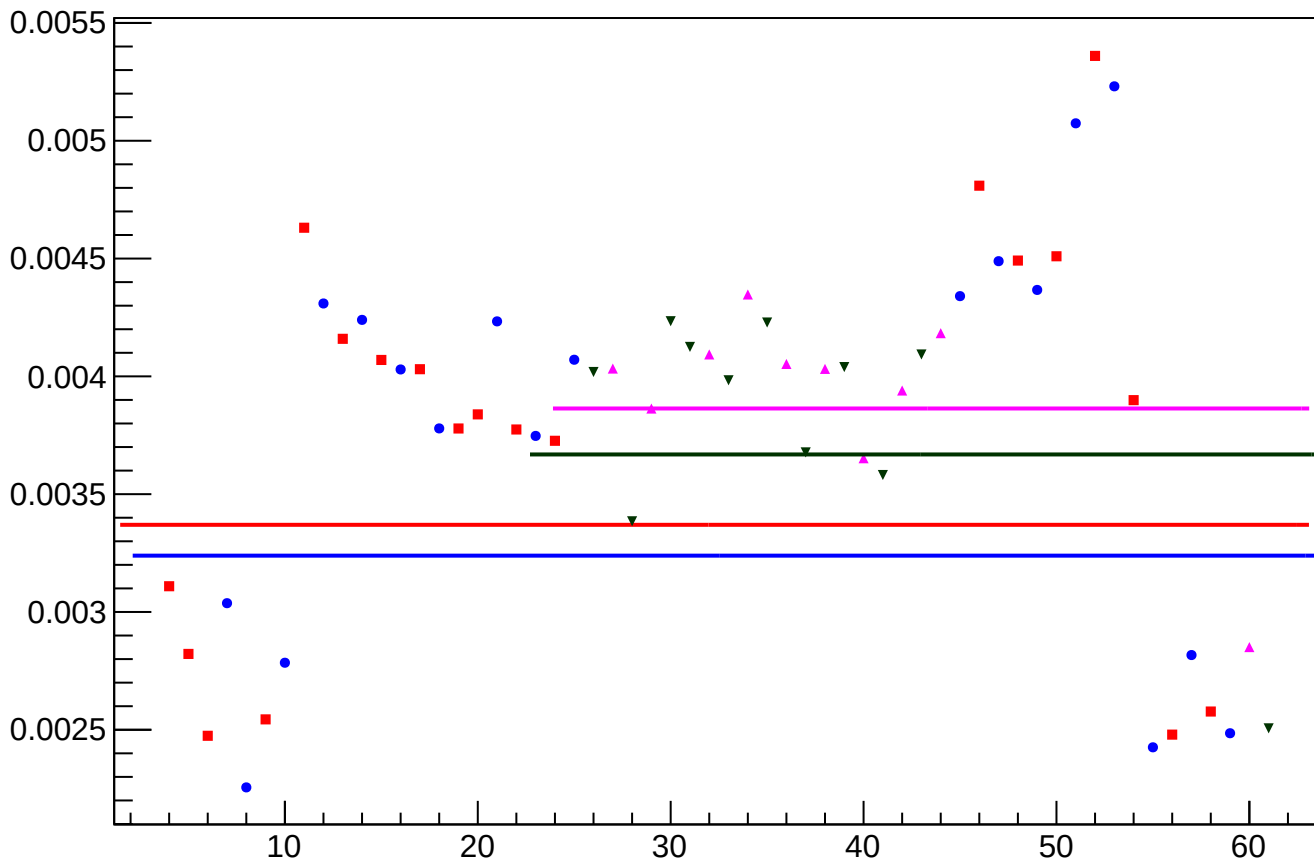
0.744 $\pm$ 0.000 χ^2 /NDF: 160308579129.1/28

Right Out: 0.682 $\pm$ 0.000 χ^2 /NDF: 168328456976.2/18

0.715 $\pm$ 0.000 χ^2 /NDF: 192440956120.0/28

Left In: 0.780 $\pm$ 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 :243290.5/10

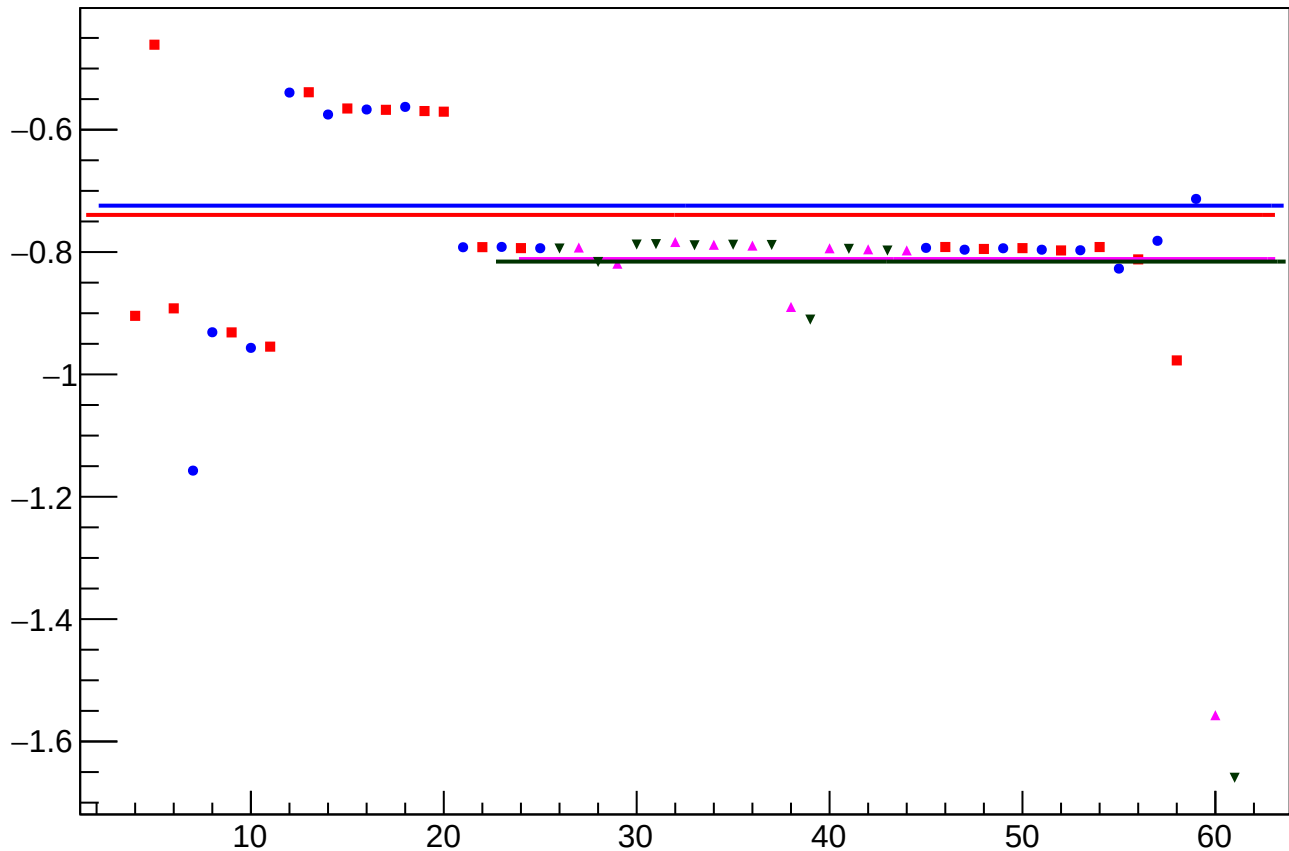
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF :132210.4/9

0.003+/-0.000 χ^2/NDF : 1899149.2/28

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: -0.816+/-0.000 χ^2 /NDF: 545004337.3/10

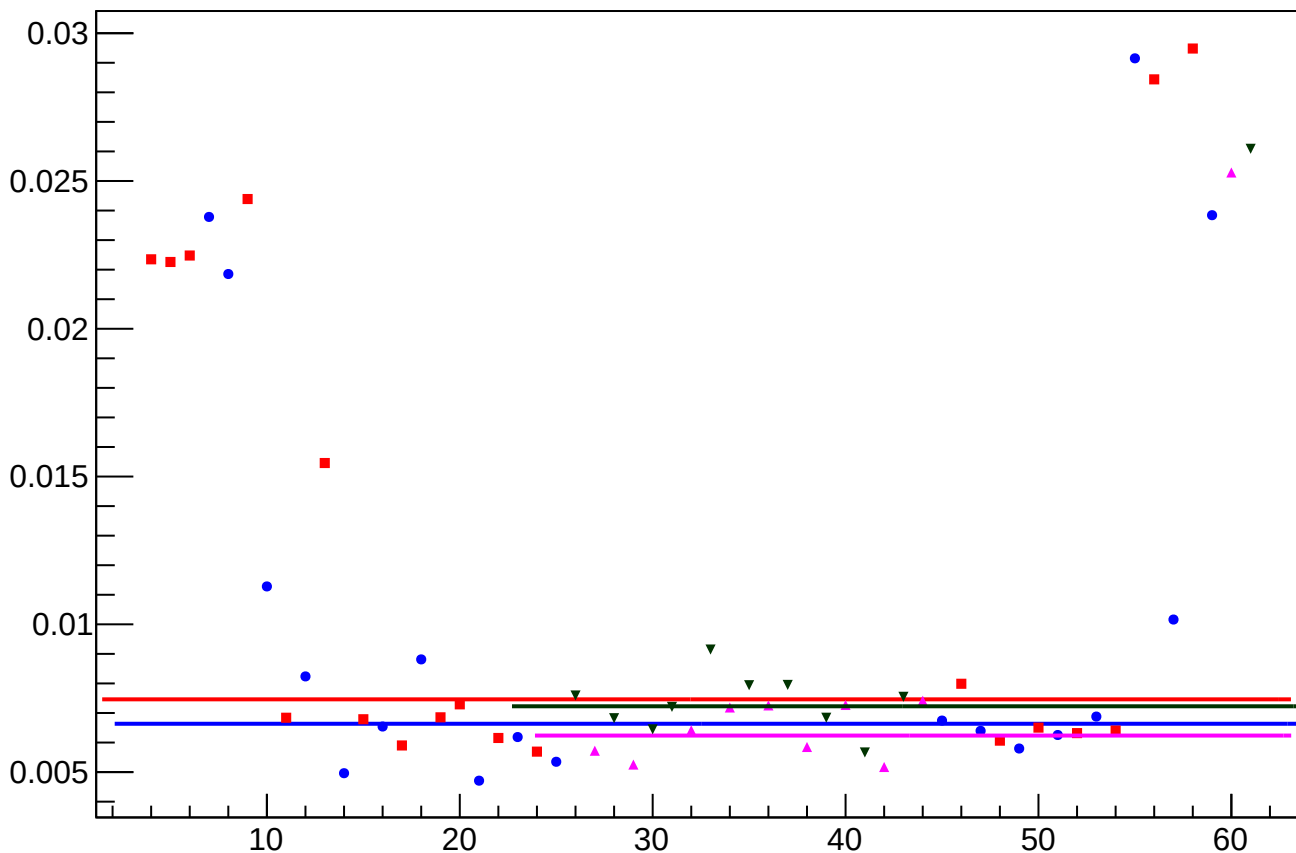
-0.754+/-0.000 χ^2 /NDF: 3231615751.6/28

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 : 553925.8/10

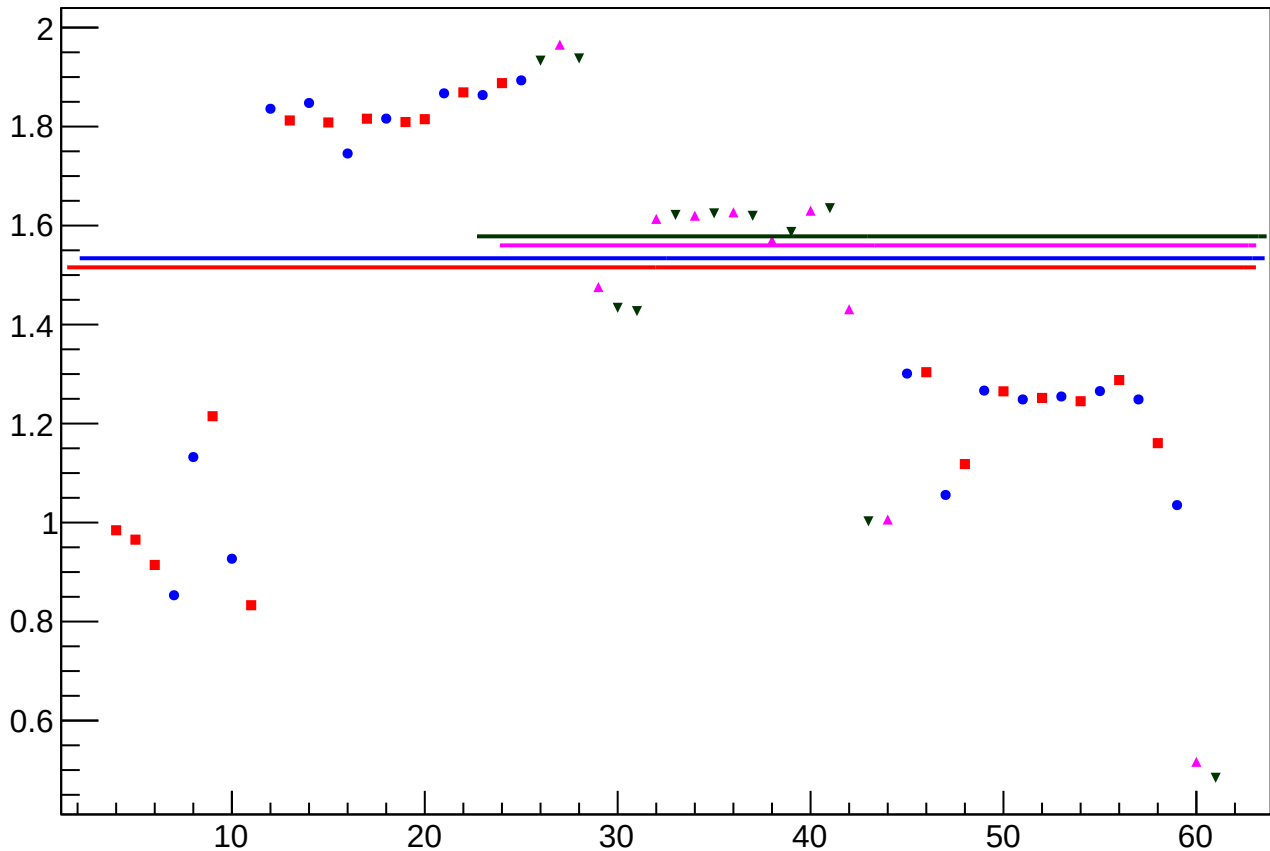
Right Out: 0.007 ± 0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006 ± 0.000 χ^2/NDF : 740391.4/9

0.007 ± 0.000 χ^2/NDF : 3938501.4/28

0.007 ± 0.000 χ^2/NDF : 4386015.0/28

yield_bpm12Y_mean vs slug



Right In: 1.534+/-0.000 χ^2/NDF : 22395382646.2/17

Left Out: 1.578+/-0.000 χ^2/NDF : 9082449354.9/10

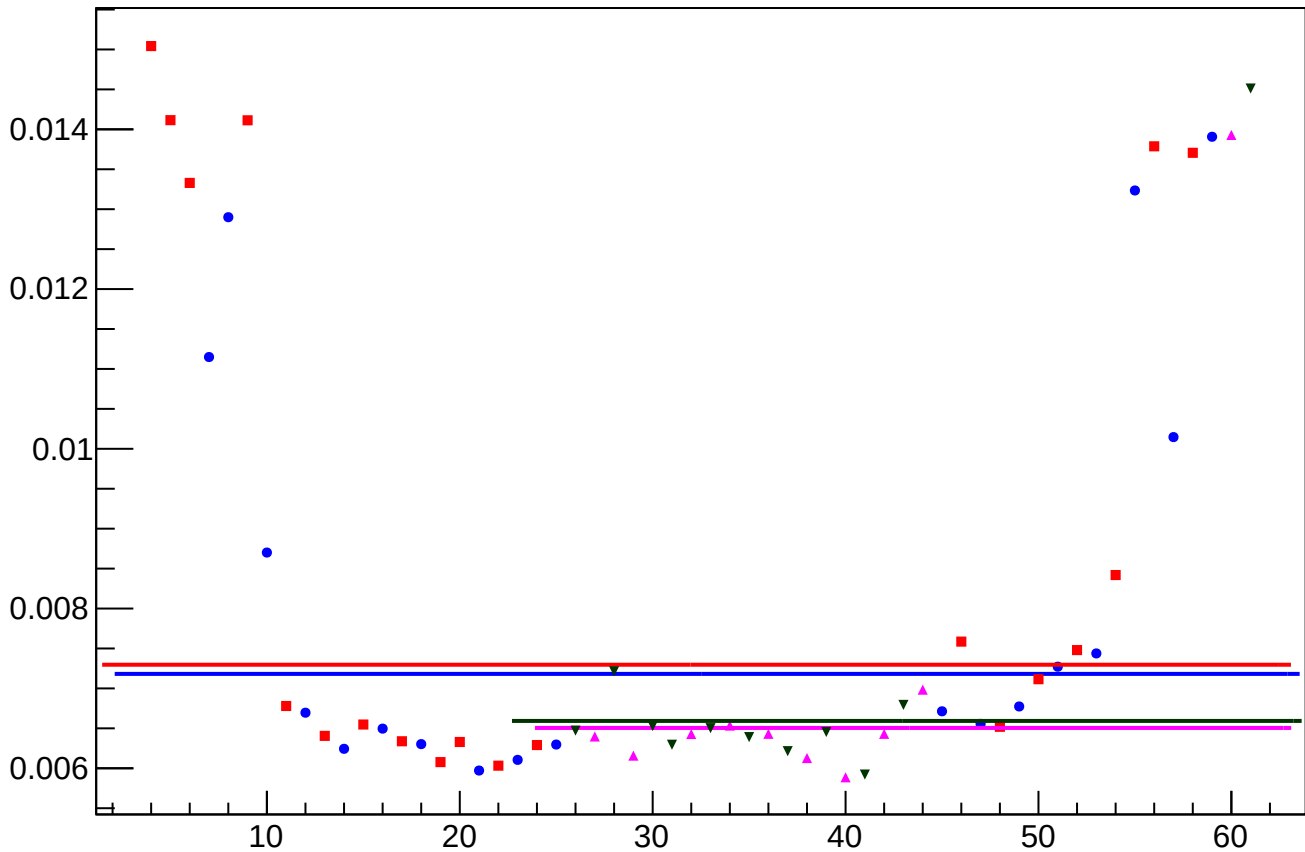
1.551+/-0.000 χ^2/NDF : 31621225604.9/28

Right Out: 1.516+/-0.000 χ^2/NDF : 21754735470.0/18

1.535+/-0.000 χ^2/NDF : 31542964065.9/28

Left In: 1.560+/-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: 0.007+/-0.000 χ^2/NDF : 279323.3/10

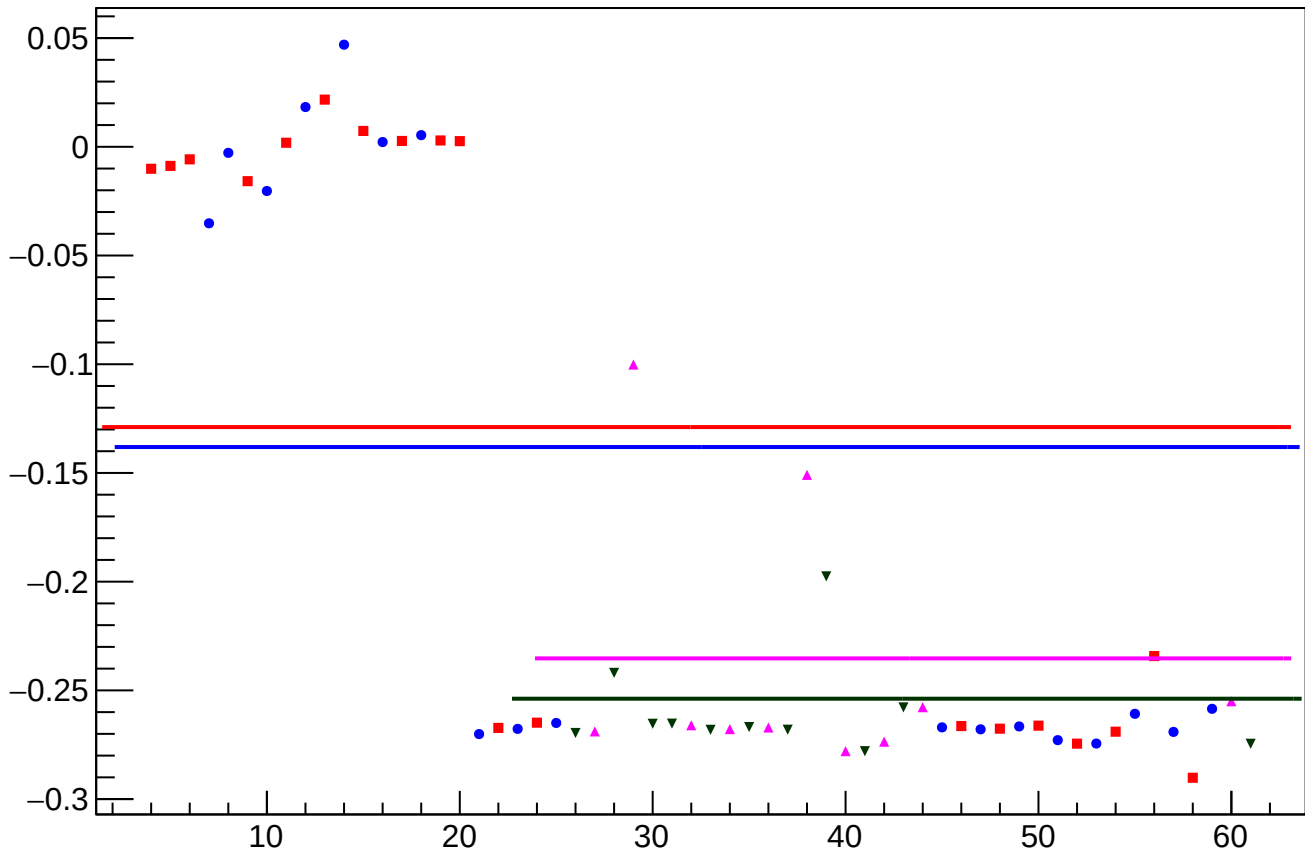
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 310437.9/9

0.007+/-0.000 χ^2/NDF : 1635682.7/28

0.007+/-0.000 χ^2/NDF : 1858150.7/28

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.254+/-0.000 χ^2/NDF : 116304393.9/10

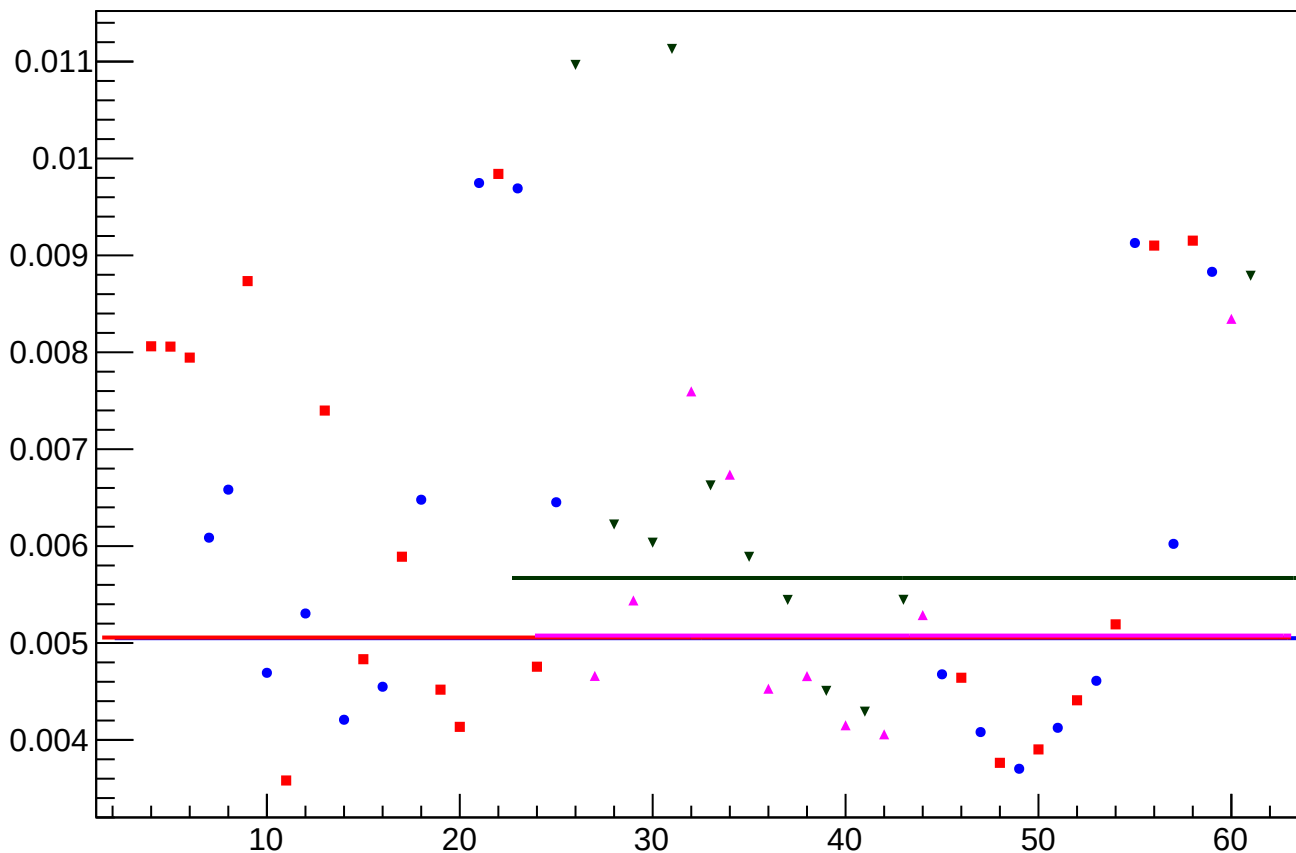
-0.172+/-0.000 χ^2/NDF : 8816666498.7/28

Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

-0.170+/-0.000 χ^2/NDF : 8068430596.7/28

Left In: -0.235+/-0.000 χ^2/NDF : 790181356.7/9

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1664372.1/17

Left Out: 0.006+/-0.000 χ^2/NDF : 707675.5/10

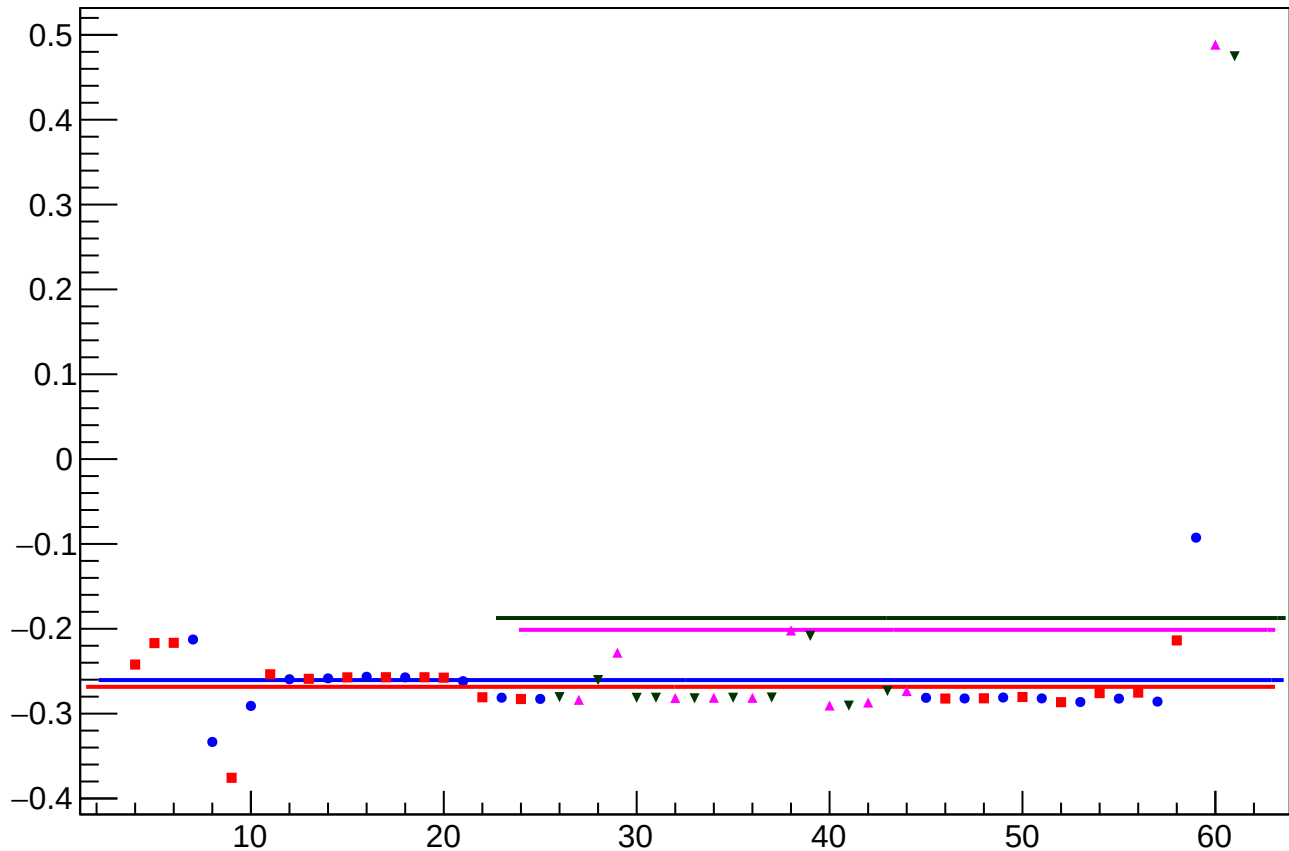
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 508721.1/9

0.005+/-0.000 χ^2/NDF : 2454119.3/28

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: -0.187+/-0.000 χ^2/NDF : 41524909285.9/10

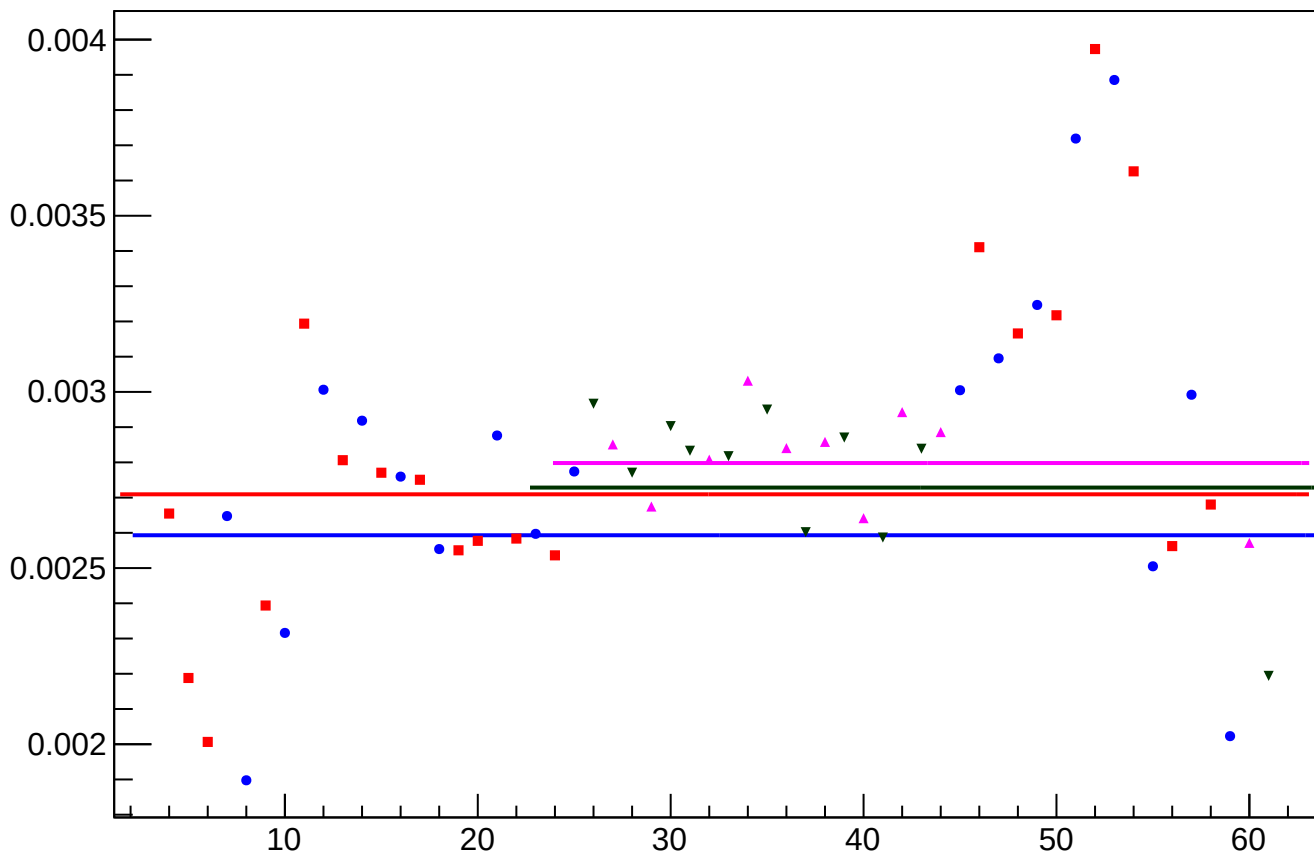
Right Out: -0.268+/-0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.201+/-0.000 χ^2/NDF : 34530365912.1/9

-0.237+/-0.000 χ^2/NDF : 51086943865.9/28

-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 : 75666.2/10

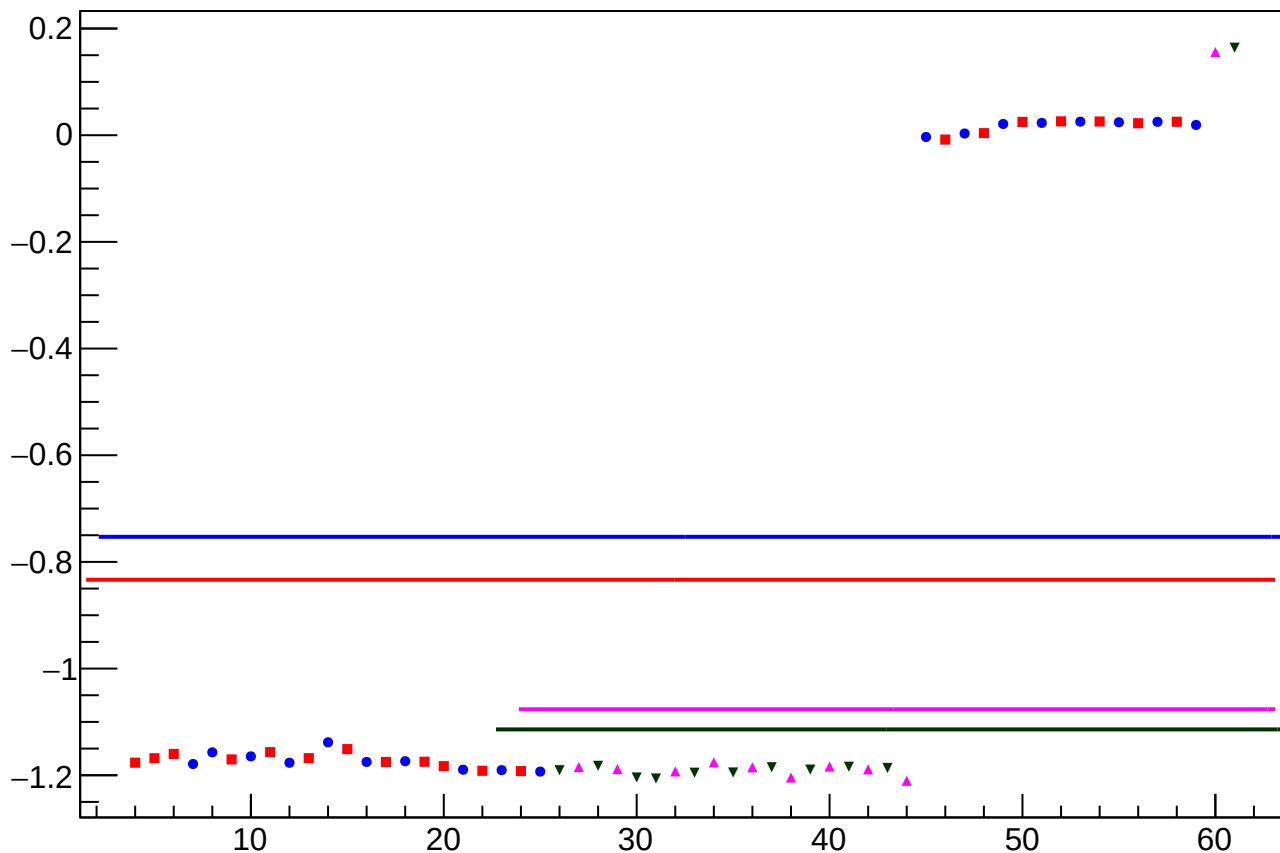
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 23823.4/9

0.003+/-0.000 χ^2/NDF : 868158.8/28

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: -1.114+/-0.000 χ^2/NDF : 8476478583.9/10

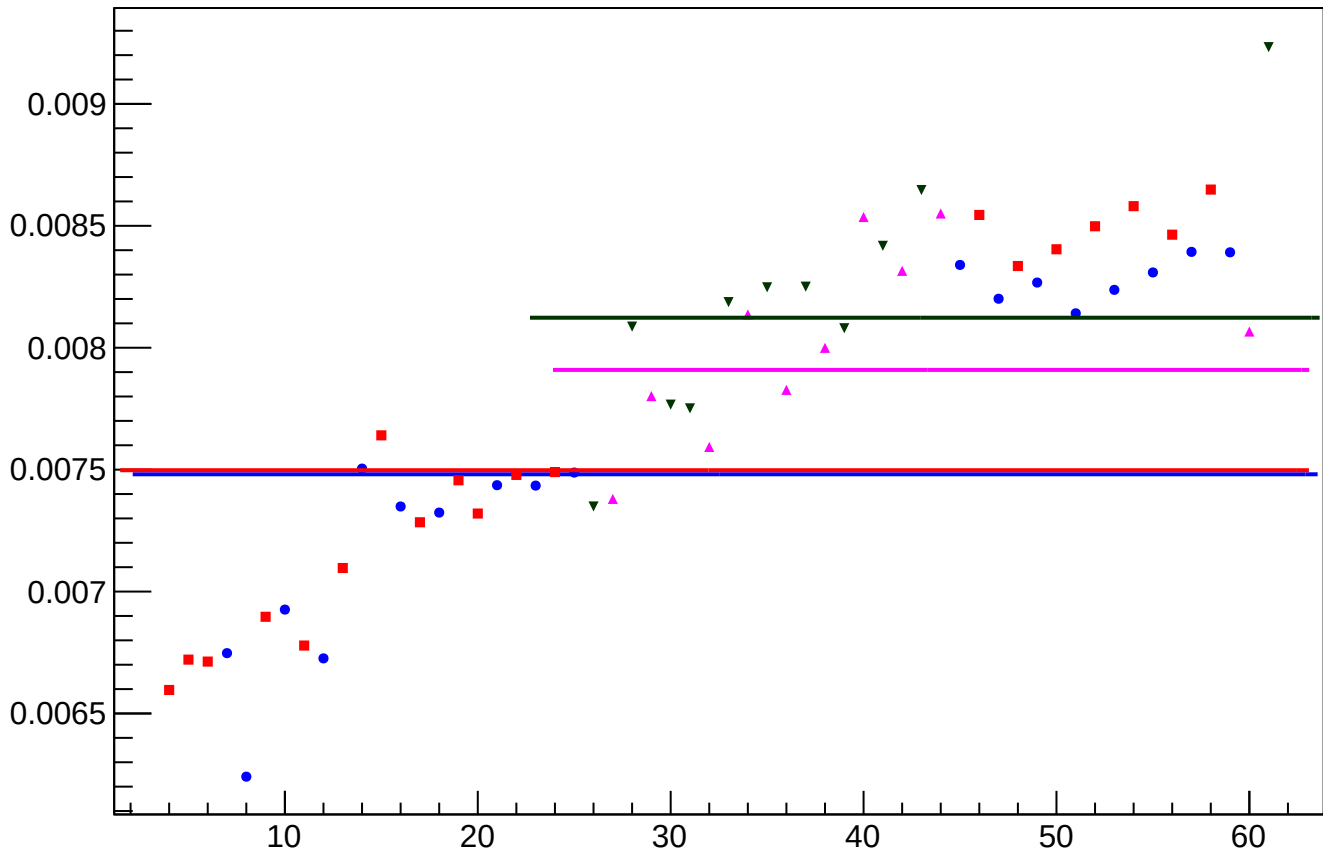
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -1.076+/-0.000 χ^2/NDF : 13563759519.7/9

-0.862+/-0.000 χ^2/NDF : 79807207667.2/28

-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 : 32250.2/10

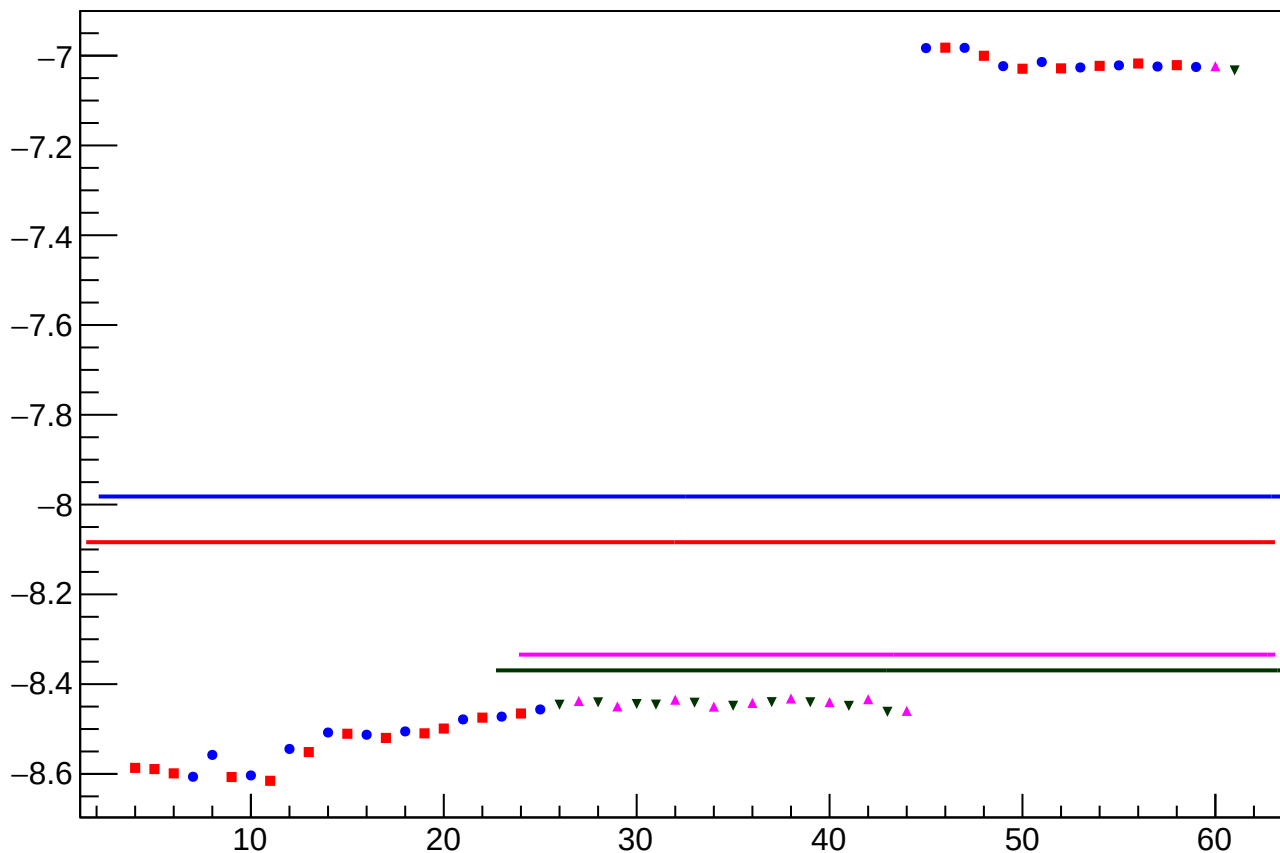
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF : 26616.9/9

0.008+/-0.000 χ^2/NDF : 277715.4/28

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: -8.369+/-0.000 χ^2/NDF : 11106260569.6/10

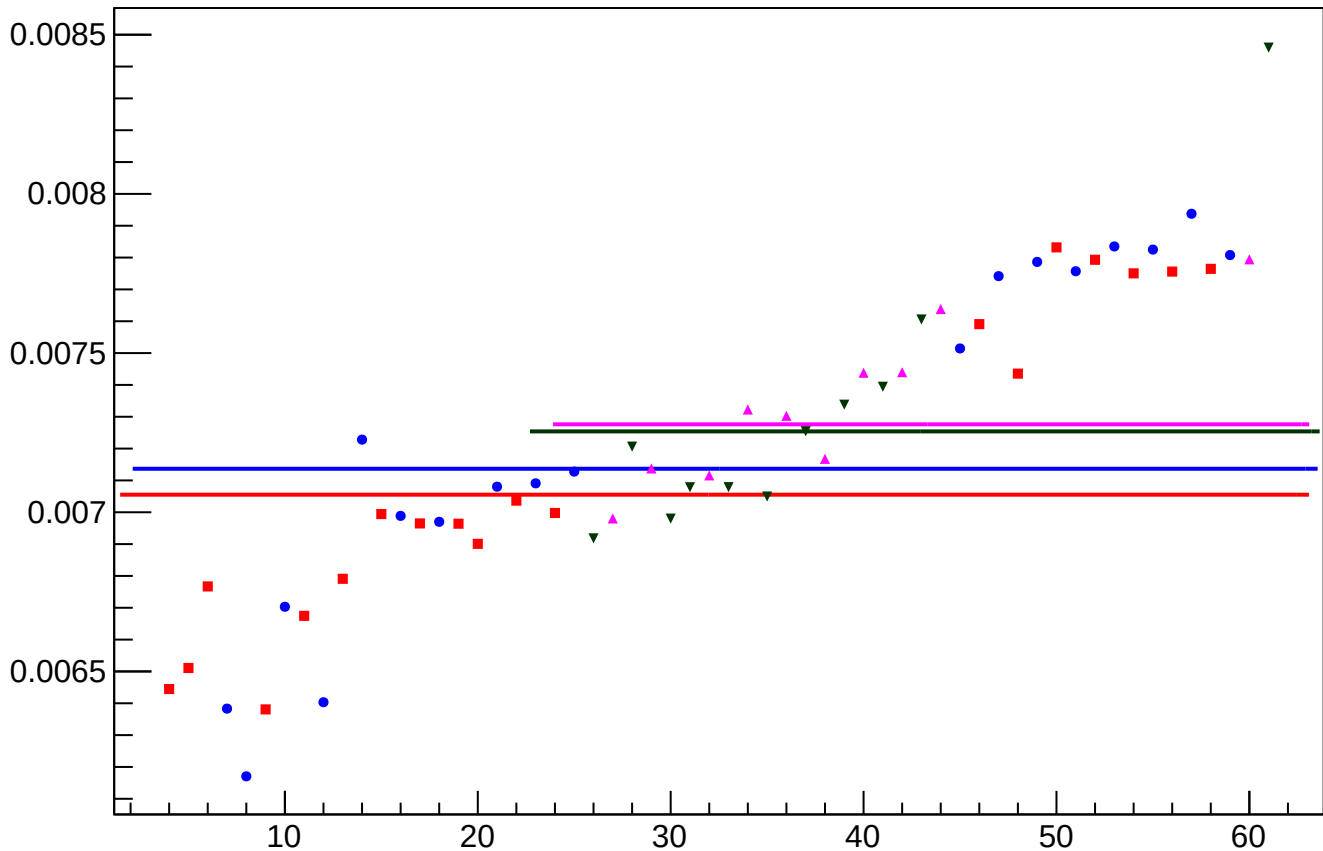
Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

Left In: -8.334+/-0.000 χ^2/NDF : 16393961634.8/9

-8.111+/-0.000 χ^2/NDF : 138594393872.8/28

-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 :25700.4/10

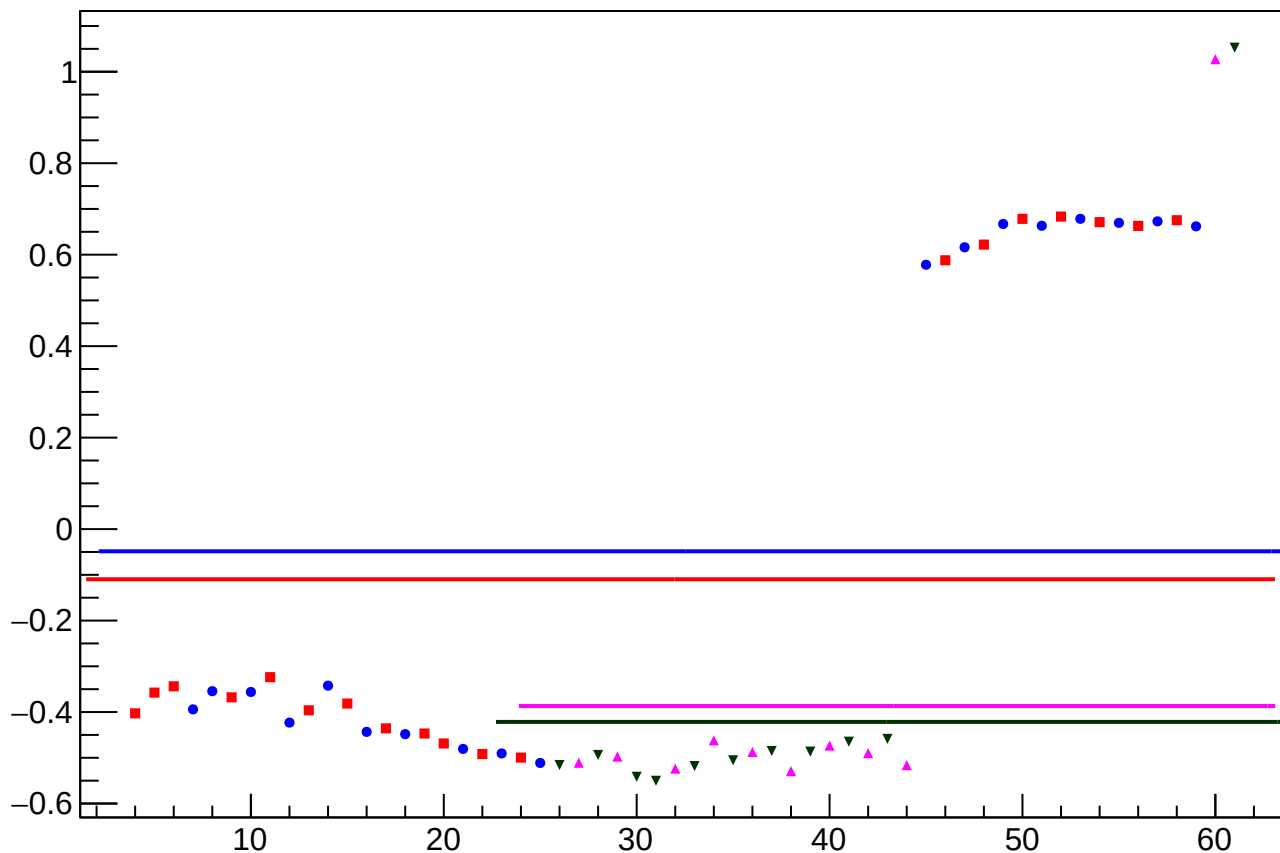
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.007+/-0.000 χ^2/NDF :12927.8/9

0.007+/-0.000 χ^2/NDF : 169105.7/28

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: -0.422+/-0.000 χ^2 /NDF:1609169453.2/10

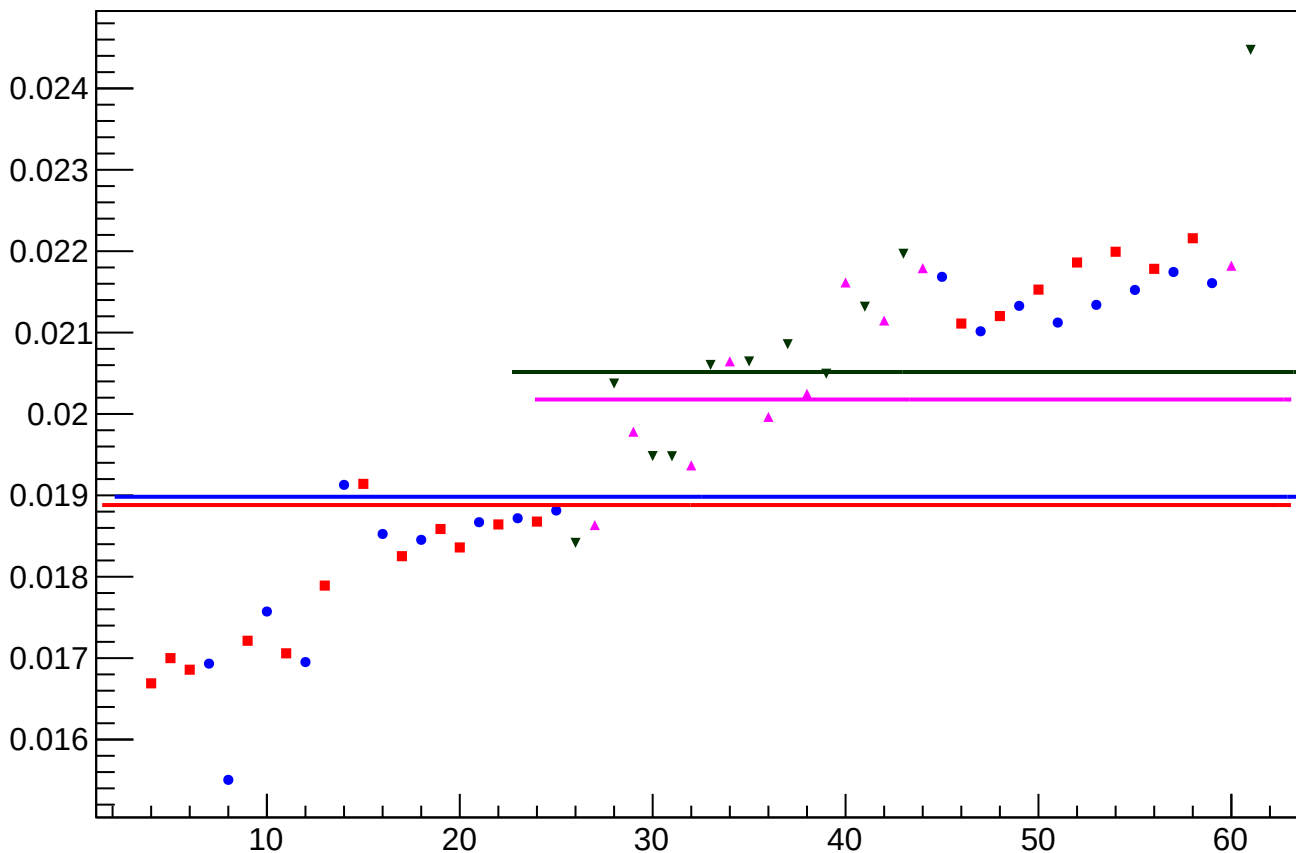
Right Out: -0.110+/-0.000 χ^2 /NDF: 6259069670.0/18

Left In: -0.387+/-0.000 χ^2 /NDF:2437029641.1/9

-0.162+/-0.000 χ^2 /NDF: 10718611409.2/28

-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: 0.021+/-0.000 χ^2/NDF : 45773.3/10

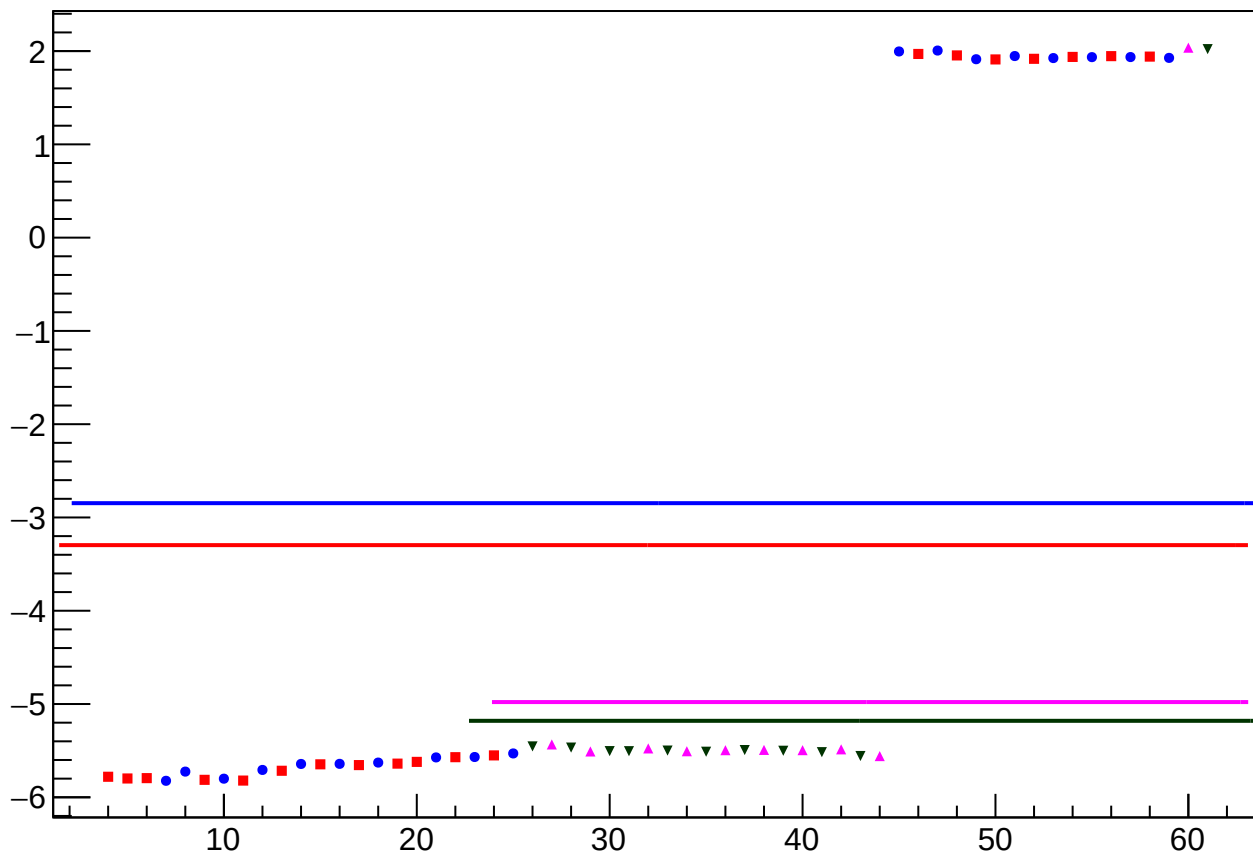
Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

Left In: 0.020+/-0.000 χ^2/NDF : 33863.7/9

0.019+/-0.000 χ^2/NDF : 344711.4/28

0.019+/-0.000 χ^2/NDF : 256973.2/28

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 $\chi^2/\text{NDF}: 988085675921.2/17$

Left Out: -5.180+/-0.000 $\chi^2/\text{NDF}: 89124623815.9/10$

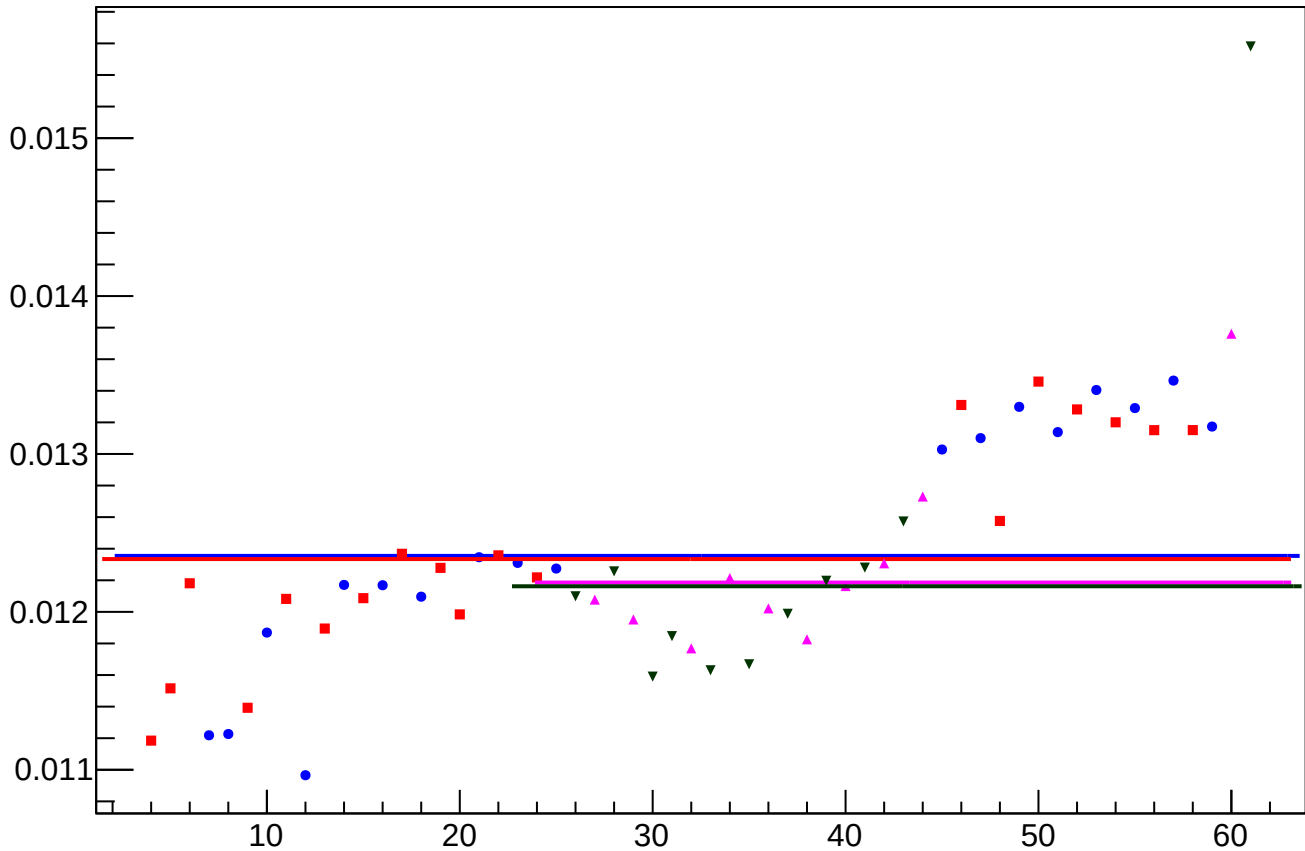
Right Out: -3.297+/-0.000 $\chi^2/\text{NDF}: 819050975647.4/18$

Left In: -4.979+/-0.000 $\chi^2/\text{NDF}: 148525815694.6/9$

-3.656+/-0.000 $\chi^2/\text{NDF}: 1215034904763.8/28$

-3.953+/-0.000 $\chi^2/\text{NDF}: 1039196807556.7/28$

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 : 47079.1/10

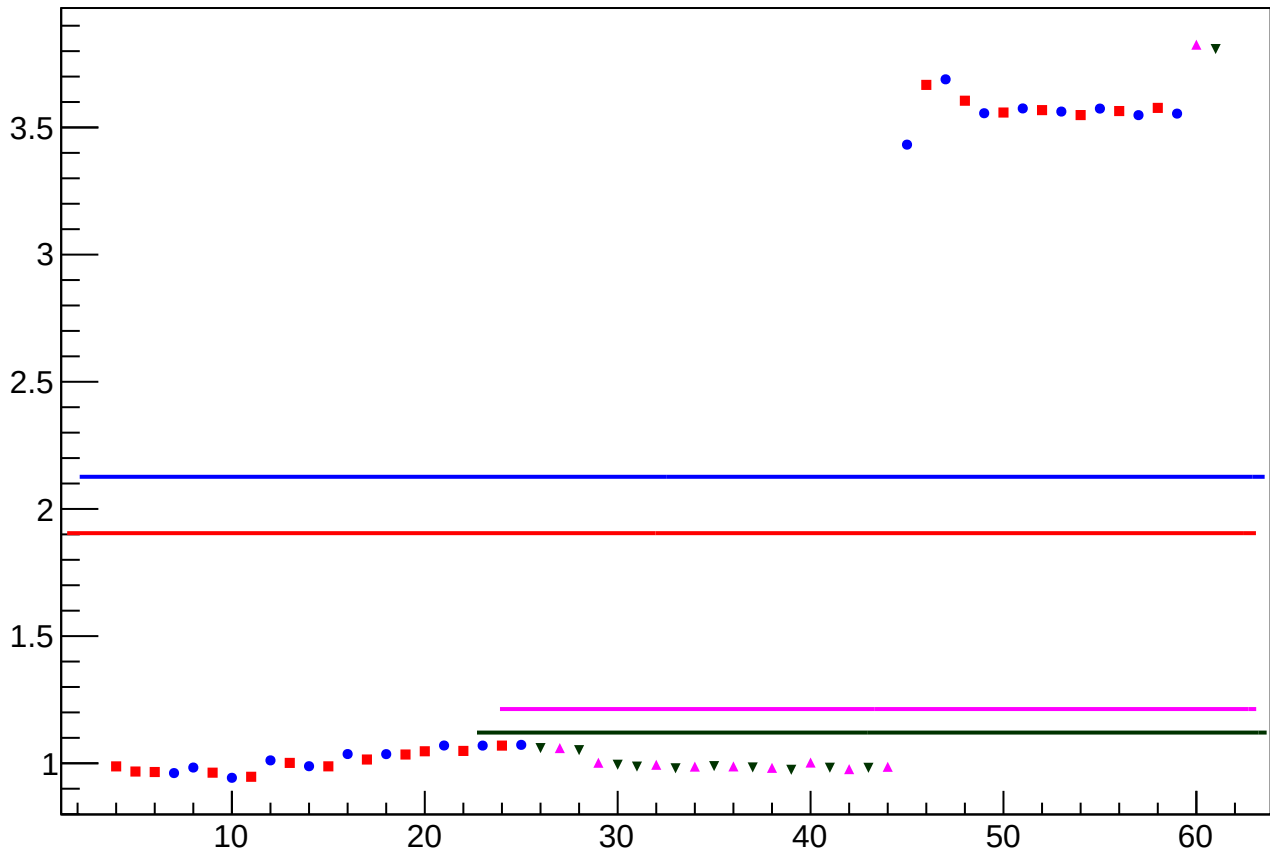
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.012+/-0.000 χ^2/NDF : 20114.9/9

0.012+/-0.000 χ^2/NDF : 138795.8/28

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: 1.121+/-0.000 χ^2/NDF : 31974279379.2/10

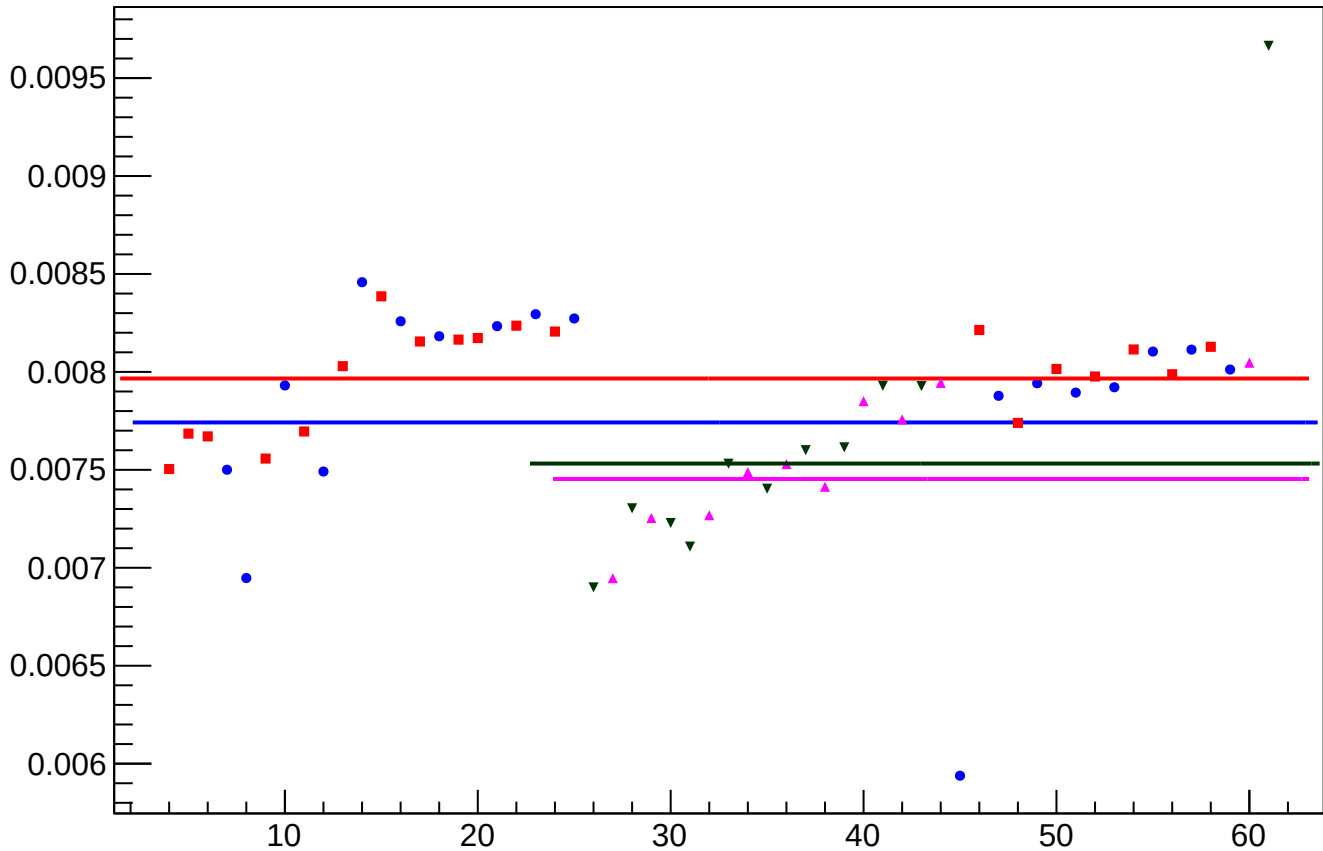
1.773+/-0.000 χ^2/NDF : 390053041920.9/28

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

1.619+/-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 $\chi^2/\text{NDF}: 178907.2/17$

Left Out: 0.008 ± 0.000 $\chi^2/\text{NDF}: 58252.5/10$

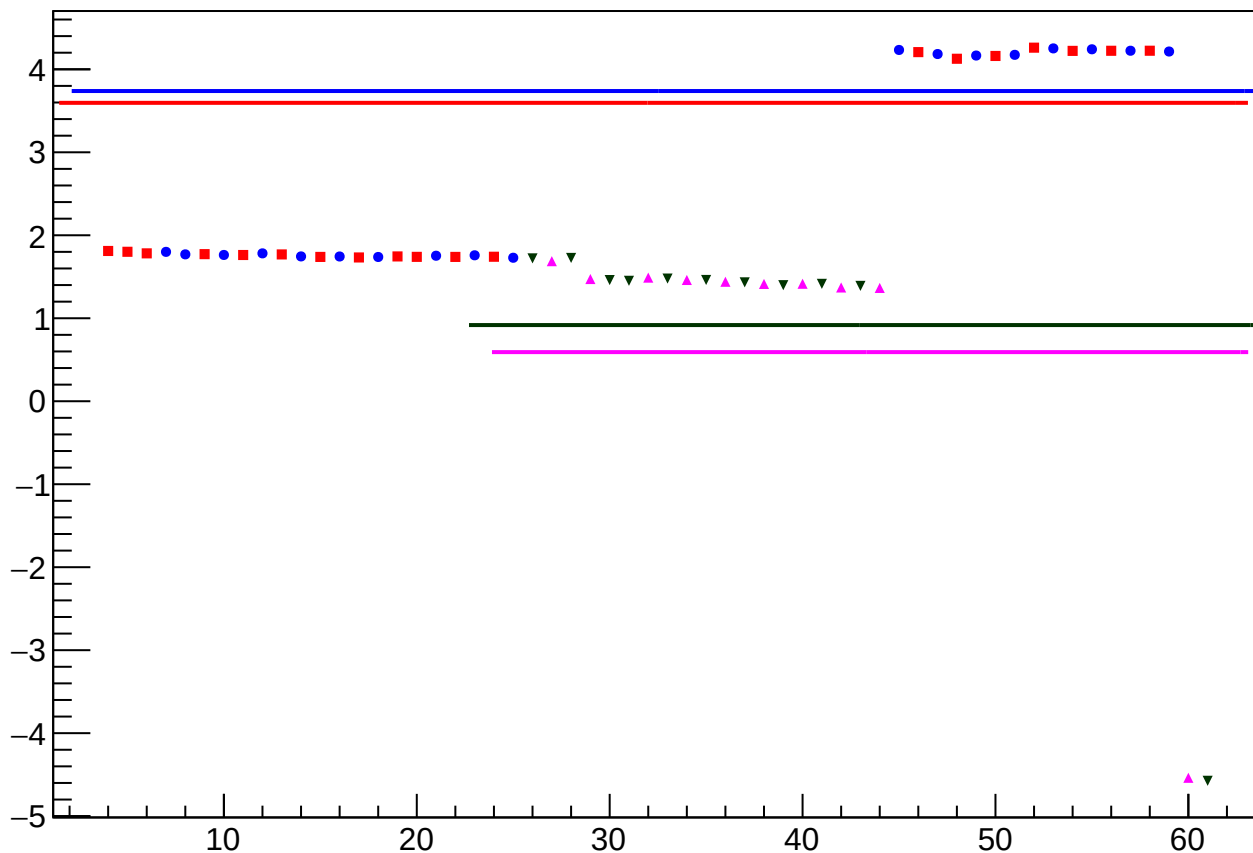
Right Out: 0.008 ± 0.000 $\chi^2/\text{NDF}: 20073.5/18$

Left In: 0.007 ± 0.000 $\chi^2/\text{NDF}: 25153.2/9$

0.008 ± 0.000 $\chi^2/\text{NDF}: 242858.5/28$

0.008 ± 0.000 $\chi^2/\text{NDF}: 79000.7/28$

yield_bpm1i04Y_mean vs slug



Right In: 3.738 $\pm$ 0.000 χ^2 /NDF: 502669373965.6/17

Left Out: 0.918 $\pm$ 0.000 χ^2 /NDF: 511437599650.2/10

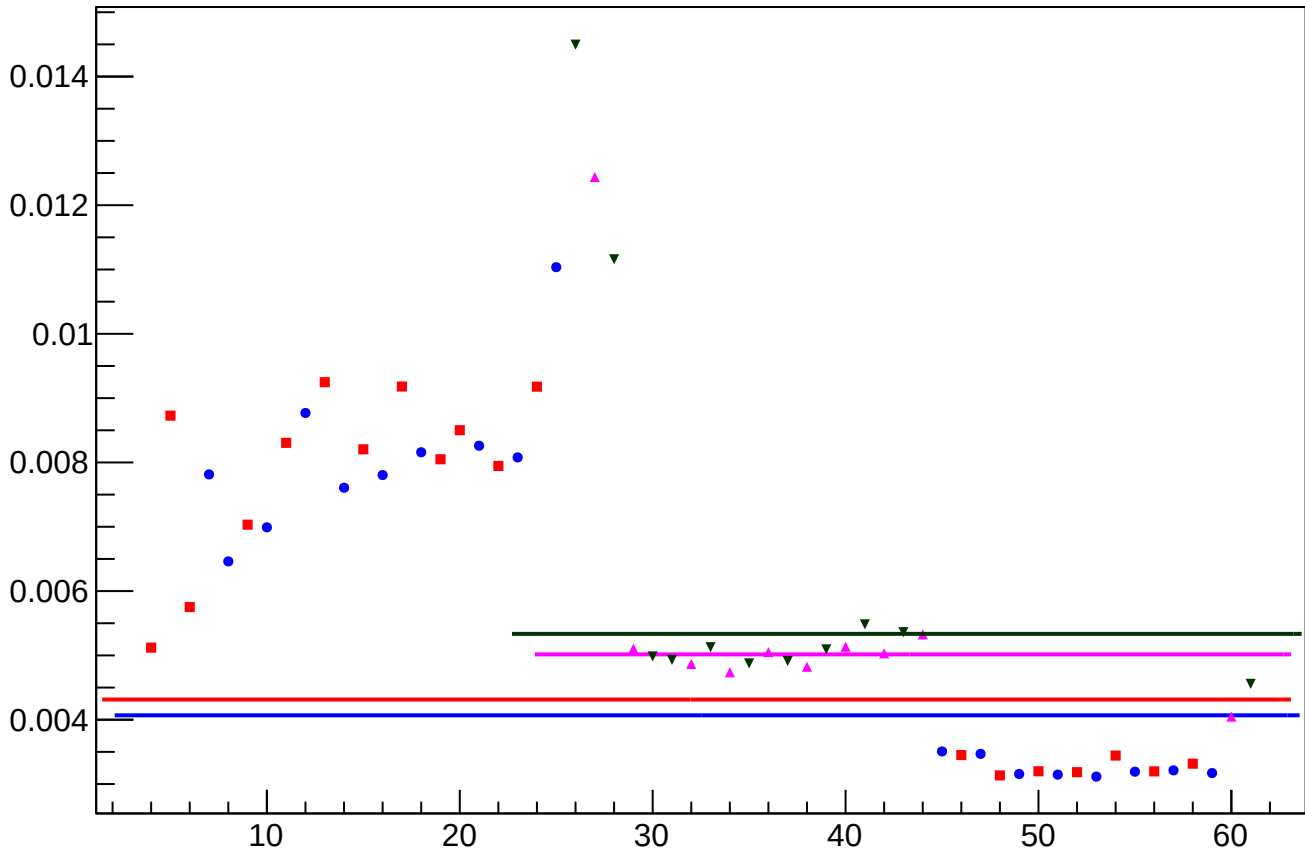
Right Out: 3.596 $\pm$ 0.000 χ^2 /NDF: 468031292414.6/18

Left In: 0.592 $\pm$ 0.000 χ^2 /NDF: 958514550638.7/9

3.048 $\pm$ 0.000 χ^2 /NDF: 2064737473896.9/28

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 : 773505.1/10

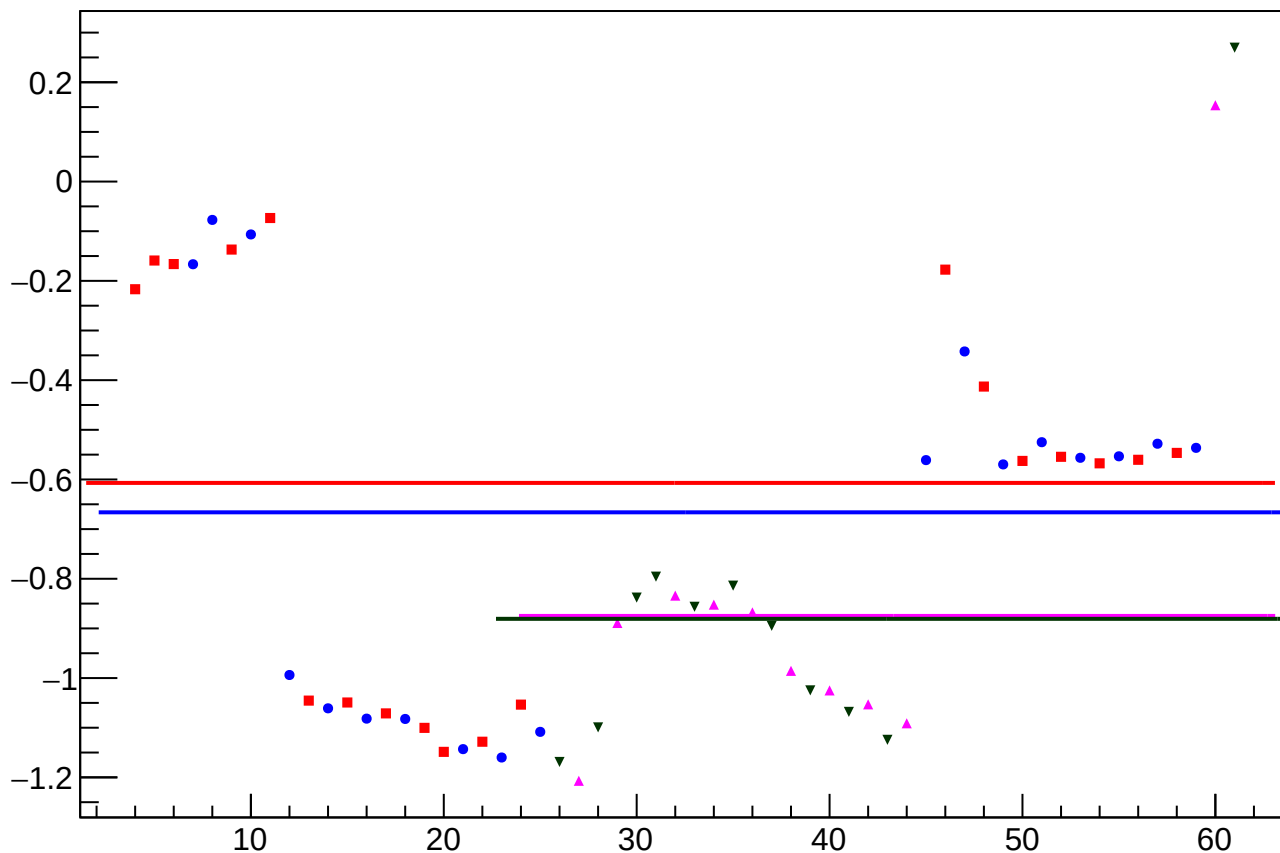
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF : 582309.9/9

0.004+/-0.000 χ^2/NDF : 4598952.5/28

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: -0.881+/-0.000 χ^2/NDF : 8057512474.8/10

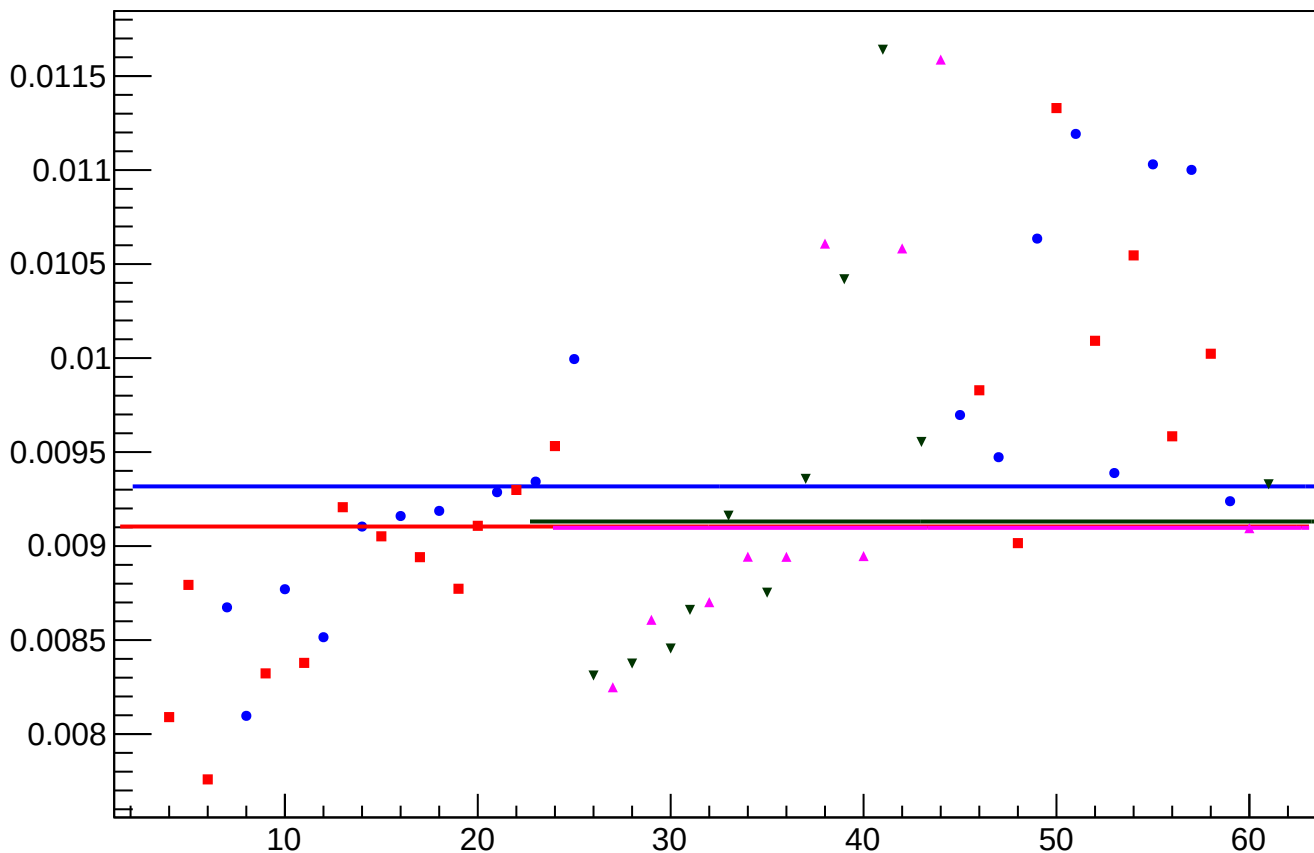
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.875+/-0.000 χ^2/NDF : 8628411773.7/9

-0.741+/-0.000 χ^2/NDF : 29198923180.1/28

-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 :104609.9/10

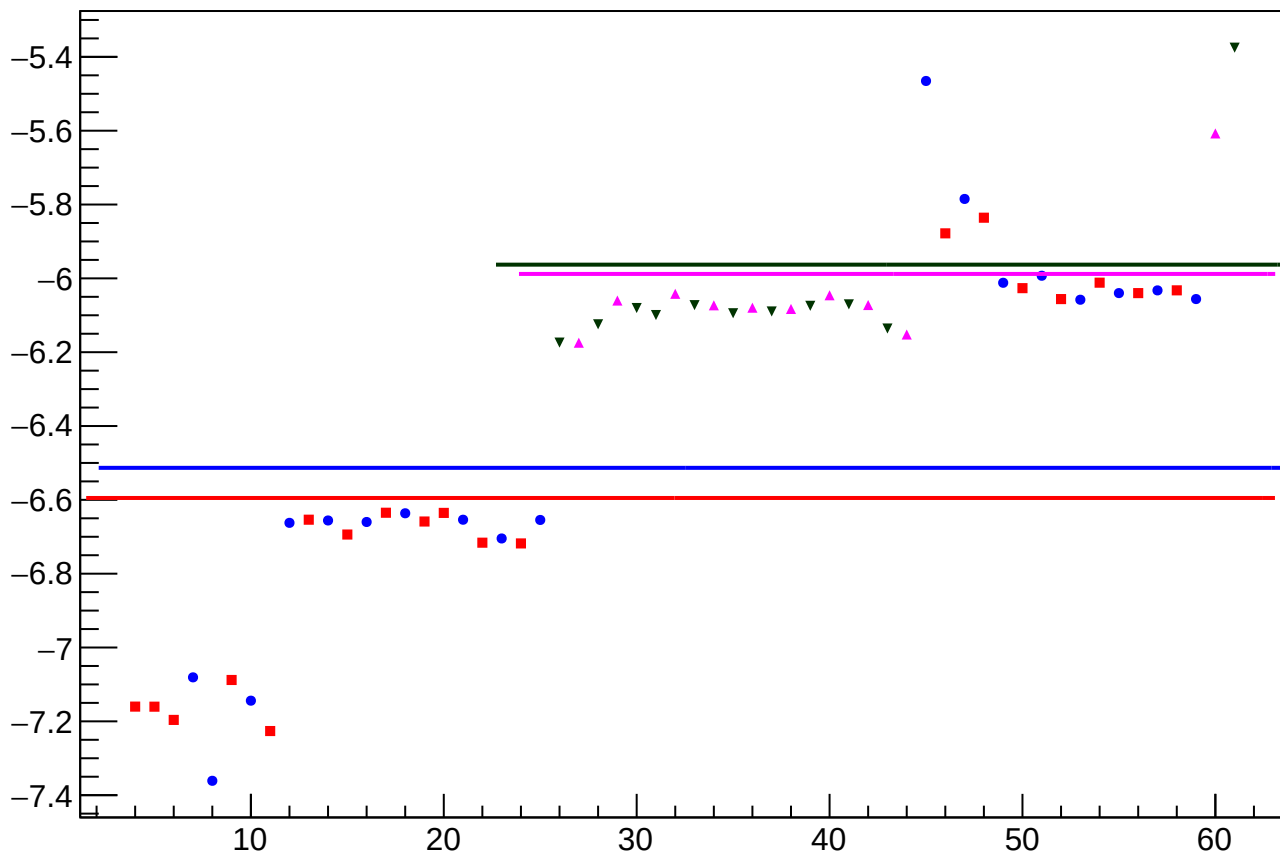
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :115547.7/9

0.009+/-0.000 χ^2/NDF : 273419.4/28

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: -5.963+/-0.000 χ^2/NDF : 5518330447.6/10

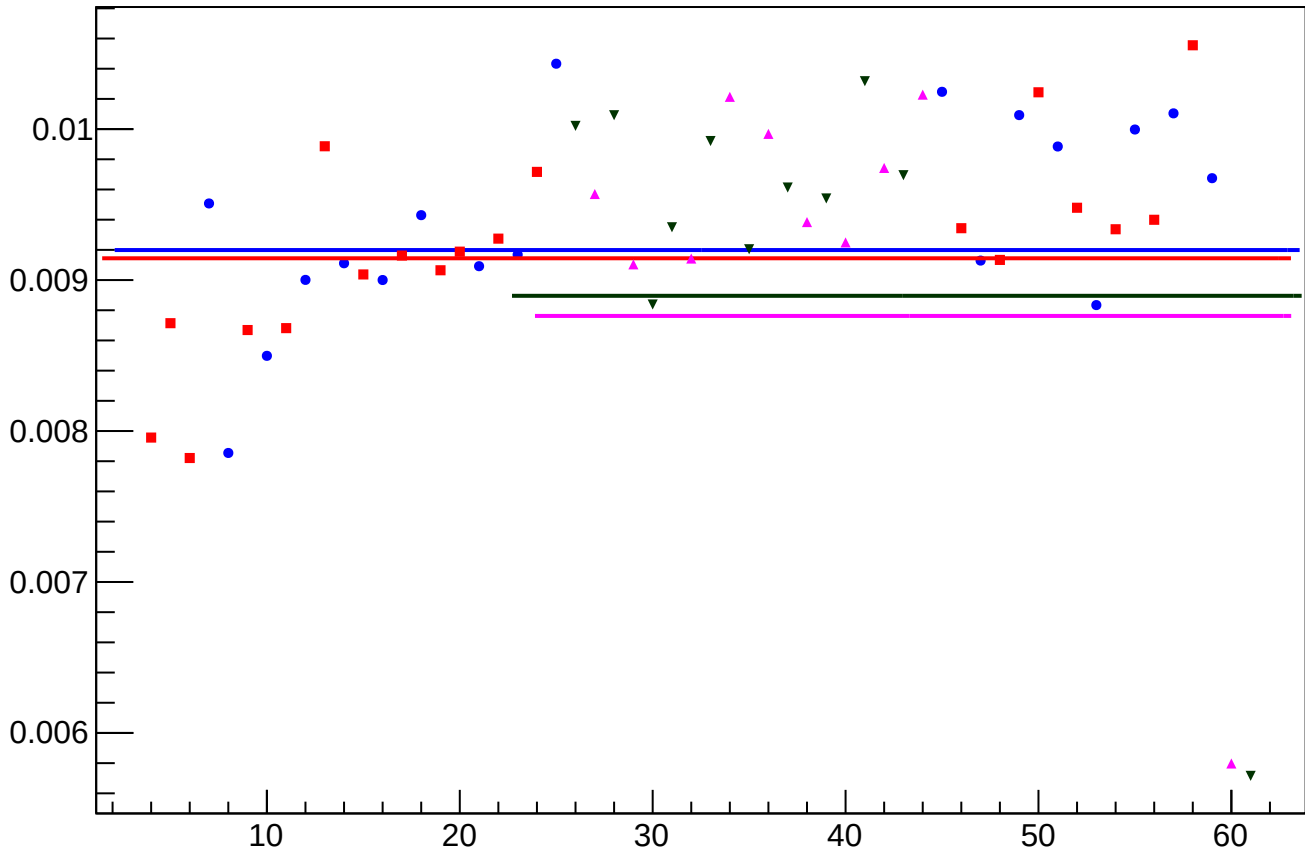
Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.988+/-0.000 χ^2/NDF : 2940780389.8/9

-6.322+/-0.000 χ^2/NDF : 53068626765.5/28

-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: 0.009+/-0.000 χ^2/NDF : 341328.7/10

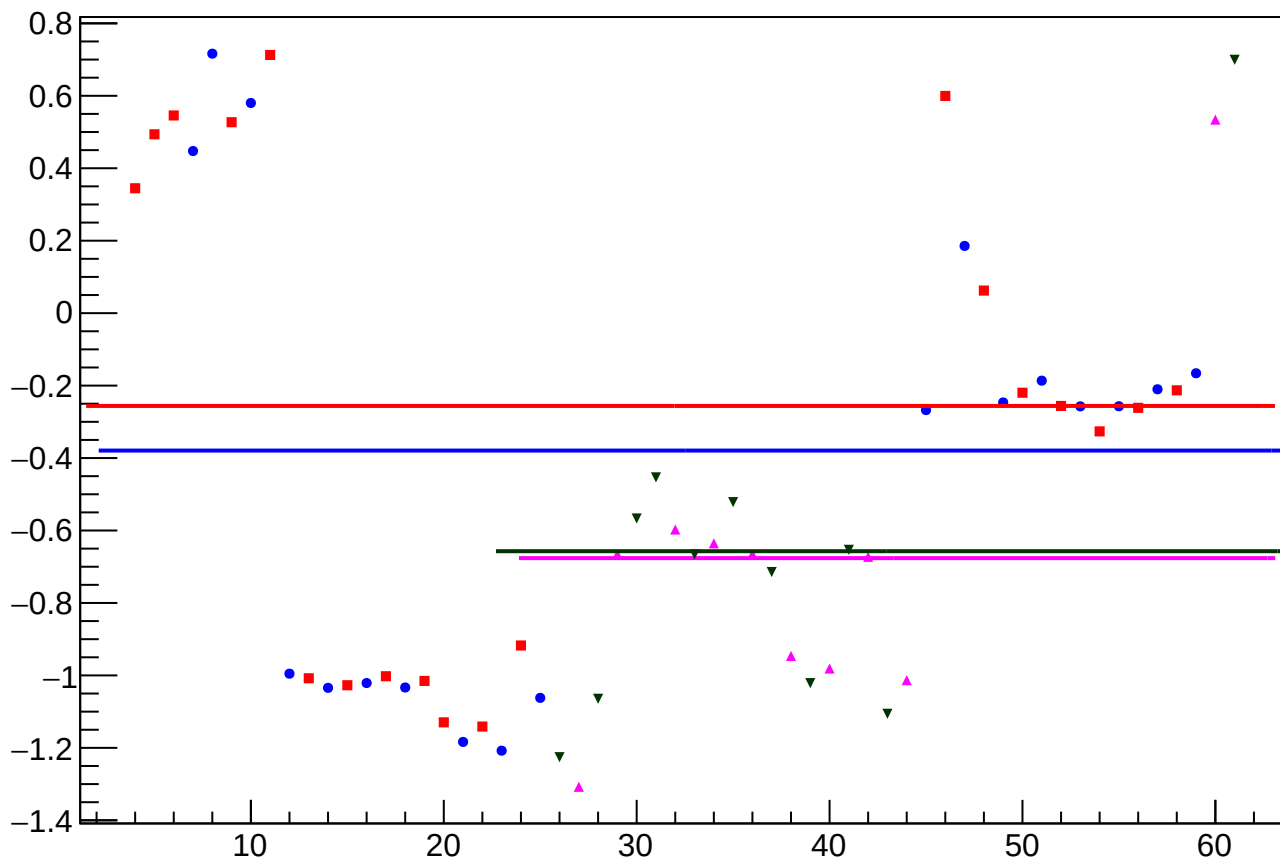
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.009+/-0.000 χ^2/NDF : 360602.3/9

0.009+/-0.000 χ^2/NDF : 470014.2/28

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: -0.657 ± 0.000 χ^2/NDF : 4085890106.2/10

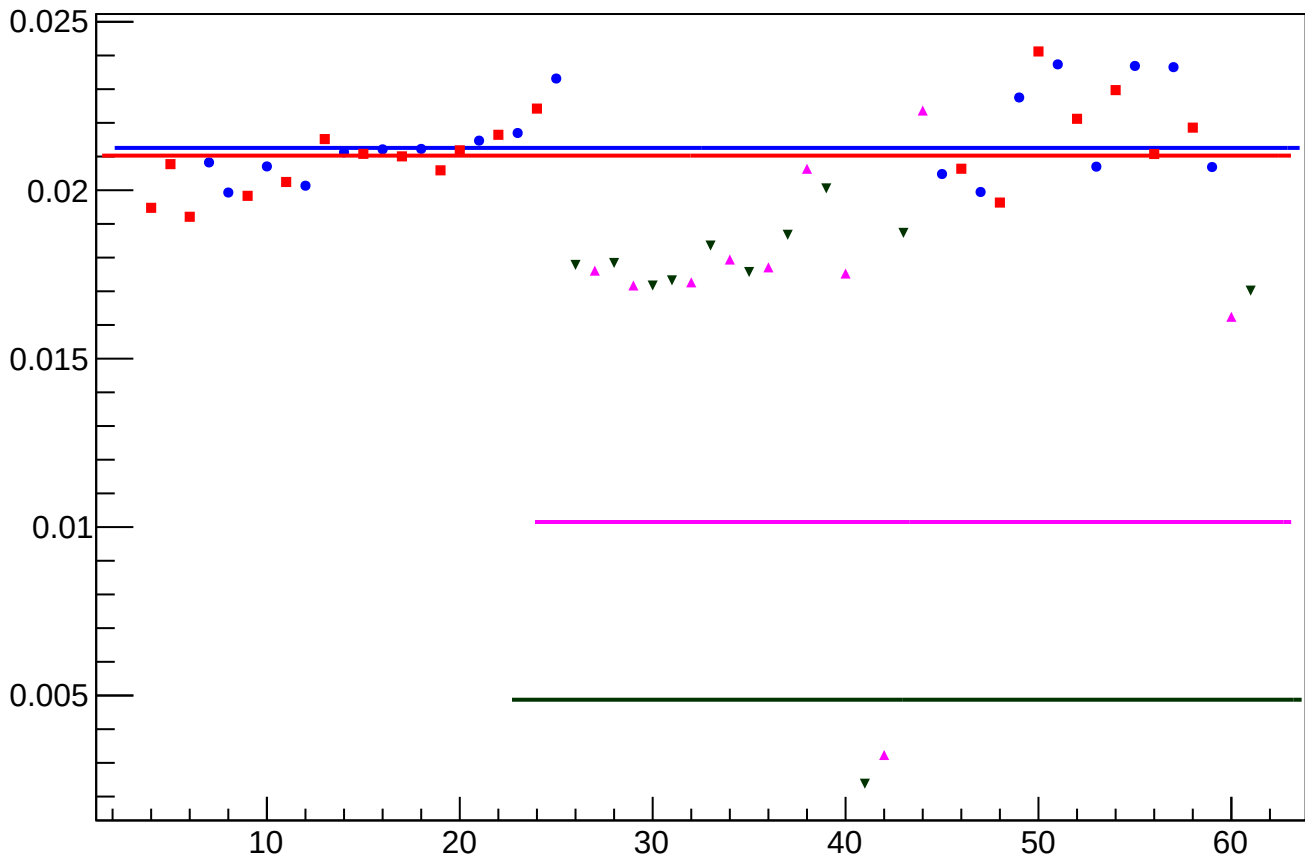
Right Out: -0.256 ± 0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.676 ± 0.000 χ^2/NDF : 4363993009.2/9

-0.602 ± 0.000 χ^2/NDF : 15730489649.4/28

-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 : 6435382.4/10

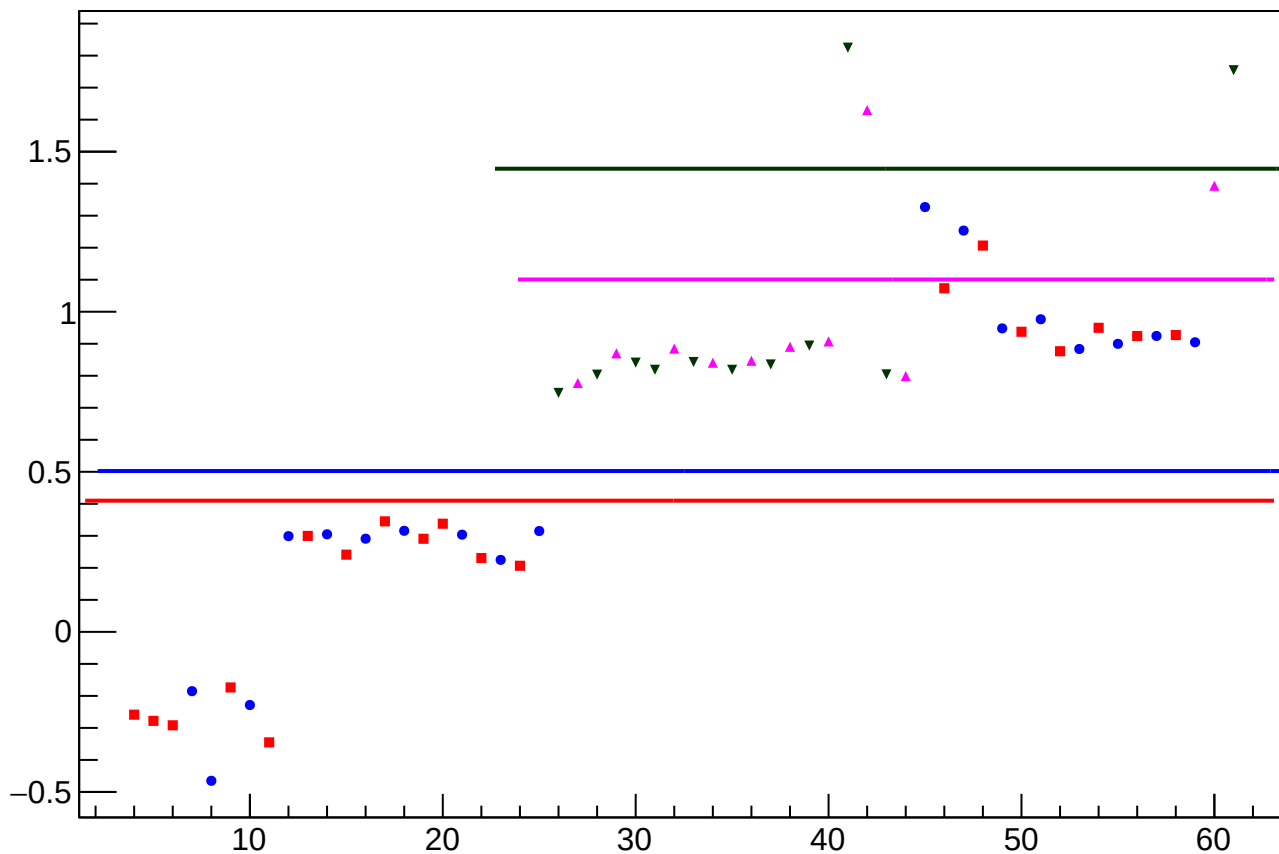
Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

Left In: 0.010+/-0.000 χ^2/NDF : 3975281.9/9

0.008+/-0.000 χ^2/NDF : 16982652.0/28

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: 1.447 $\pm$ 0.000 χ^2 /NDF: 20602207286.4/10

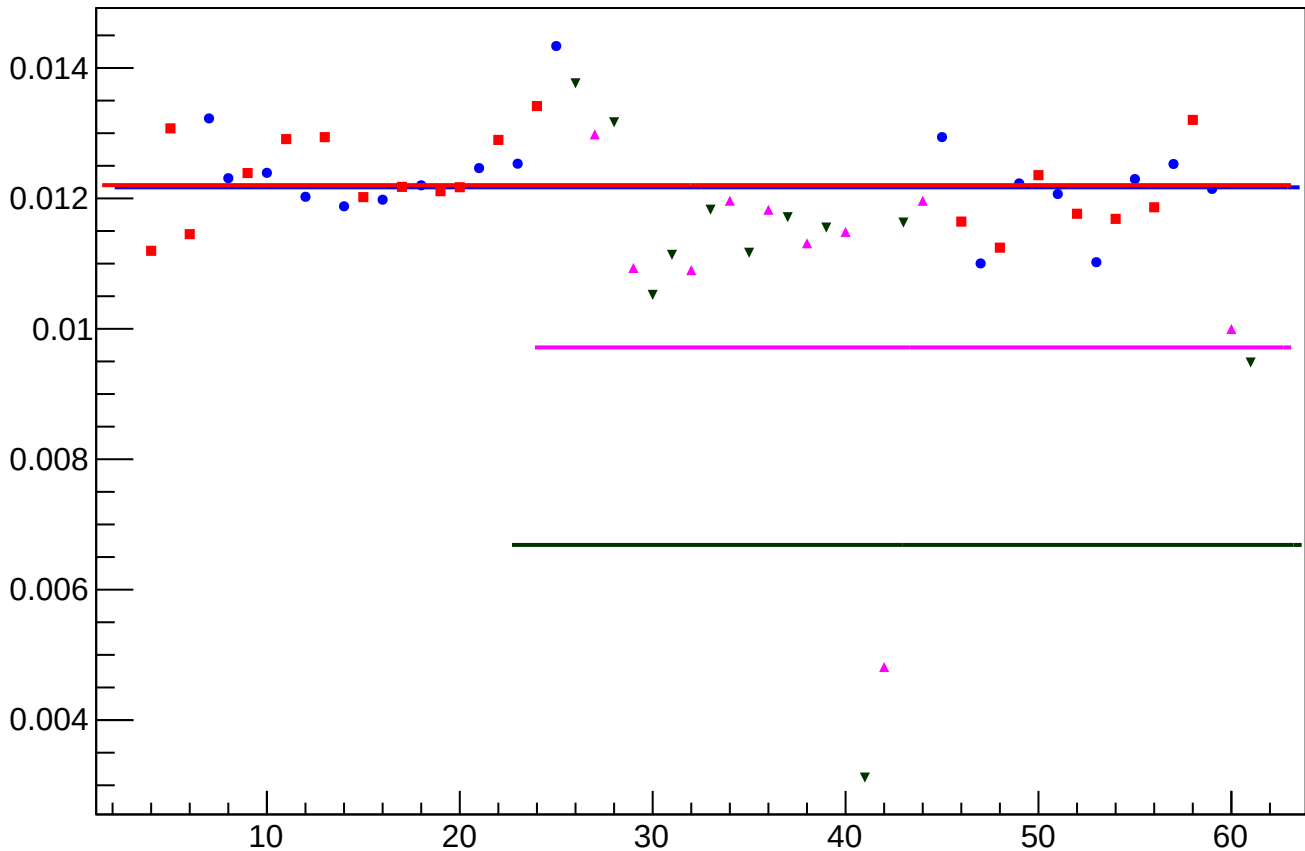
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.101 $\pm$ 0.000 χ^2 /NDF: 6785864549.4/9

1.019 $\pm$ 0.000 χ^2 /NDF: 75805981478.0/28

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: 3128120.2/10

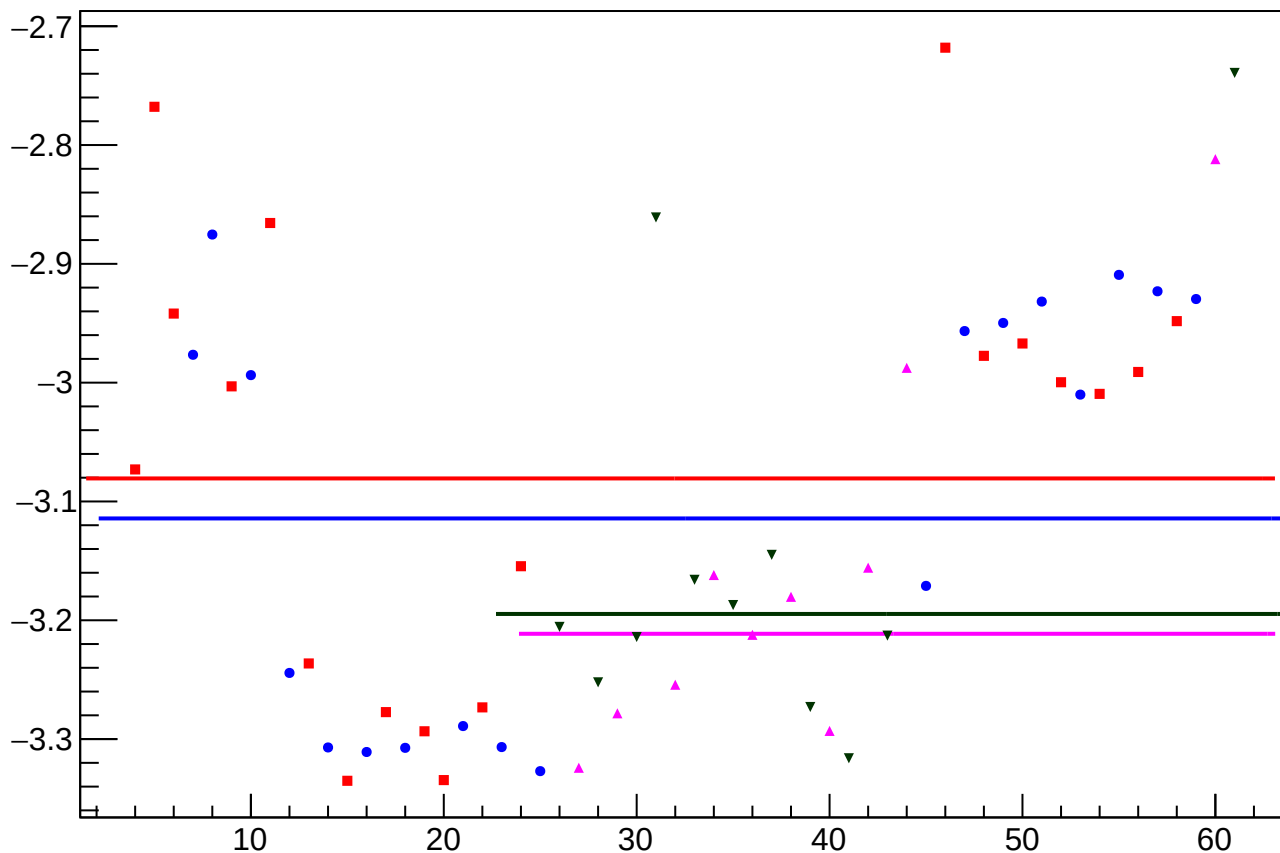
0.009 $\pm$ 0.000 χ^2 /NDF: 5604823.3/28

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1408128.3/28

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 979959.6/9

yield_bpm0l03X_mean vs slug



Right In: -3.114 ± 0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.195 ± 0.000 χ^2/NDF : 1641114117.3/10

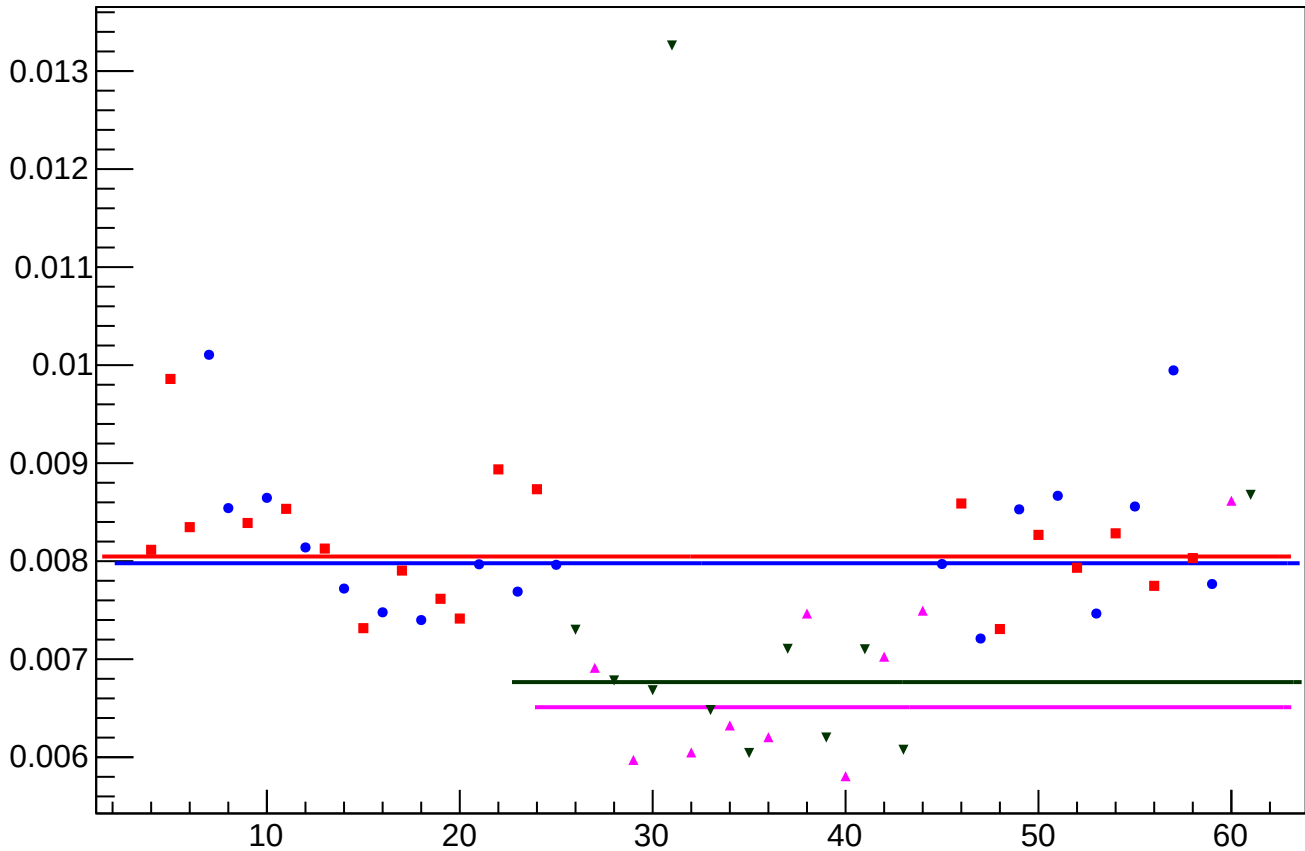
Right Out: -3.081 ± 0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.211 ± 0.000 χ^2/NDF : 1867063613.1/9

-3.147 ± 0.000 χ^2/NDF : 6667181652.3/28

-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 : 211903.7/10

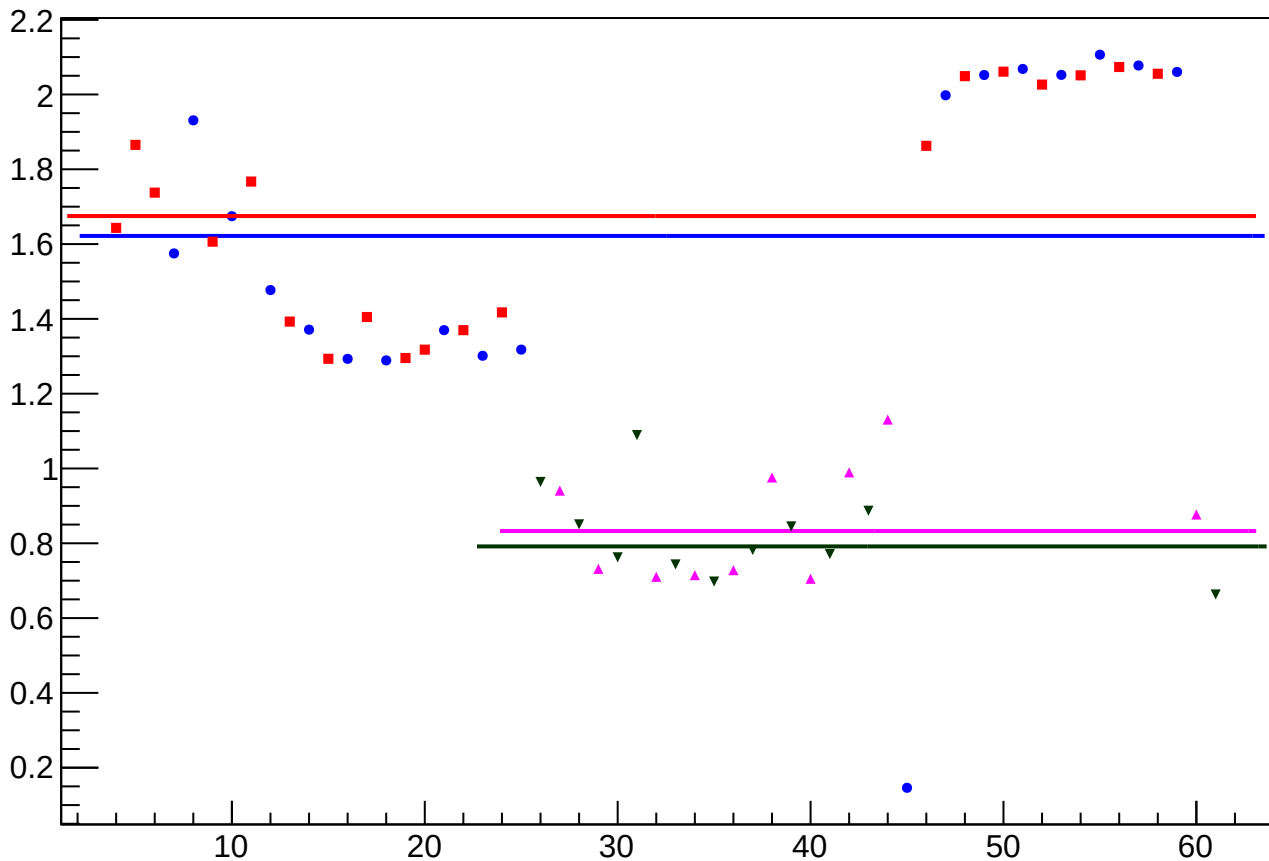
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 132496.4/9

0.007+/-0.000 χ^2/NDF : 488425.6/28

0.007+/-0.000 χ^2/NDF : 489884.6/28

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.792 $\pm$ 0.000 χ^2 /NDF: 612691462.7/10

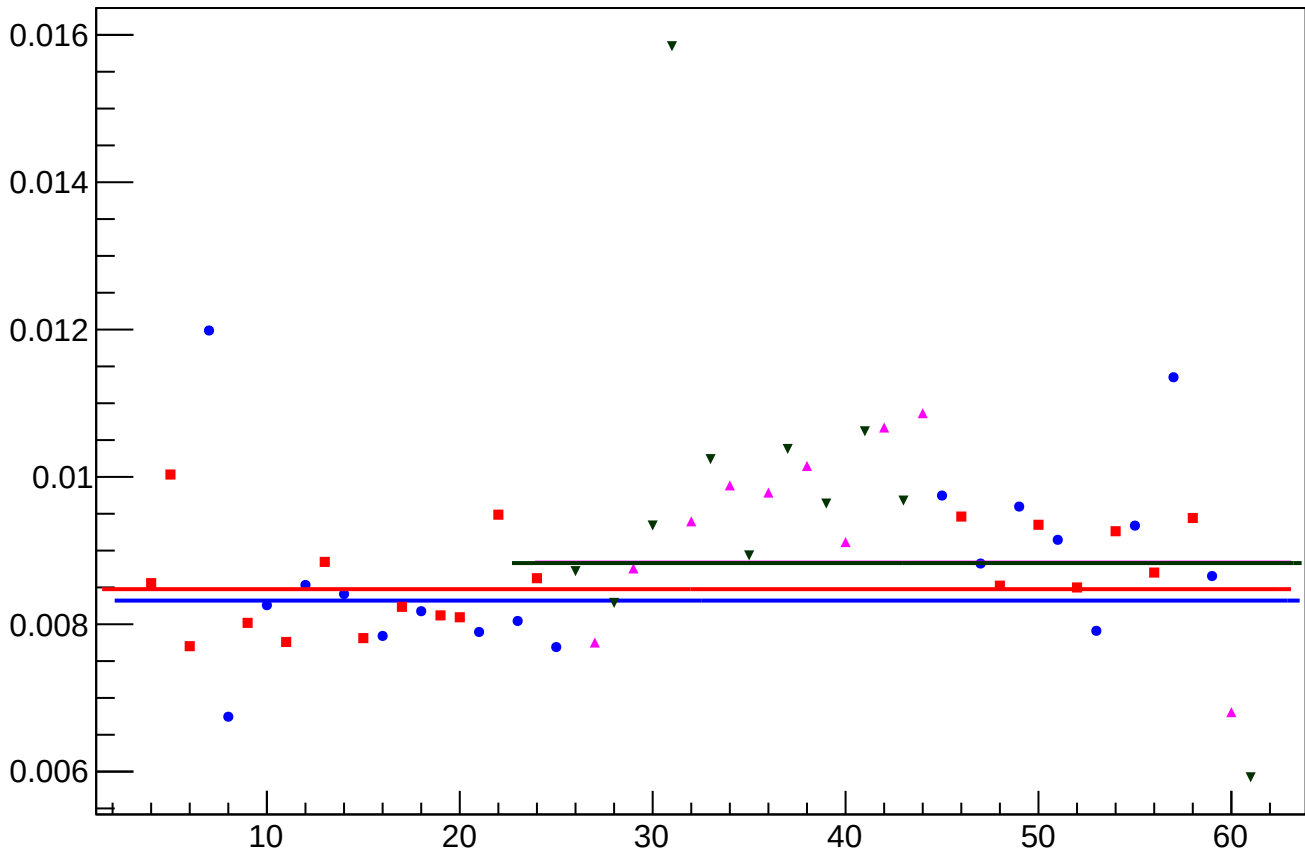
1.367 $\pm$ 0.000 χ^2 /NDF: 55178323224.7/28

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.362 $\pm$ 0.000 χ^2 /NDF: 40879681167.1/28

Left In: 0.833 $\pm$ 0.000 χ^2 /NDF: 1077954623.4/9

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 231289.2/17

Left Out: 0.009+/-0.000 χ^2/NDF : 389617.4/10

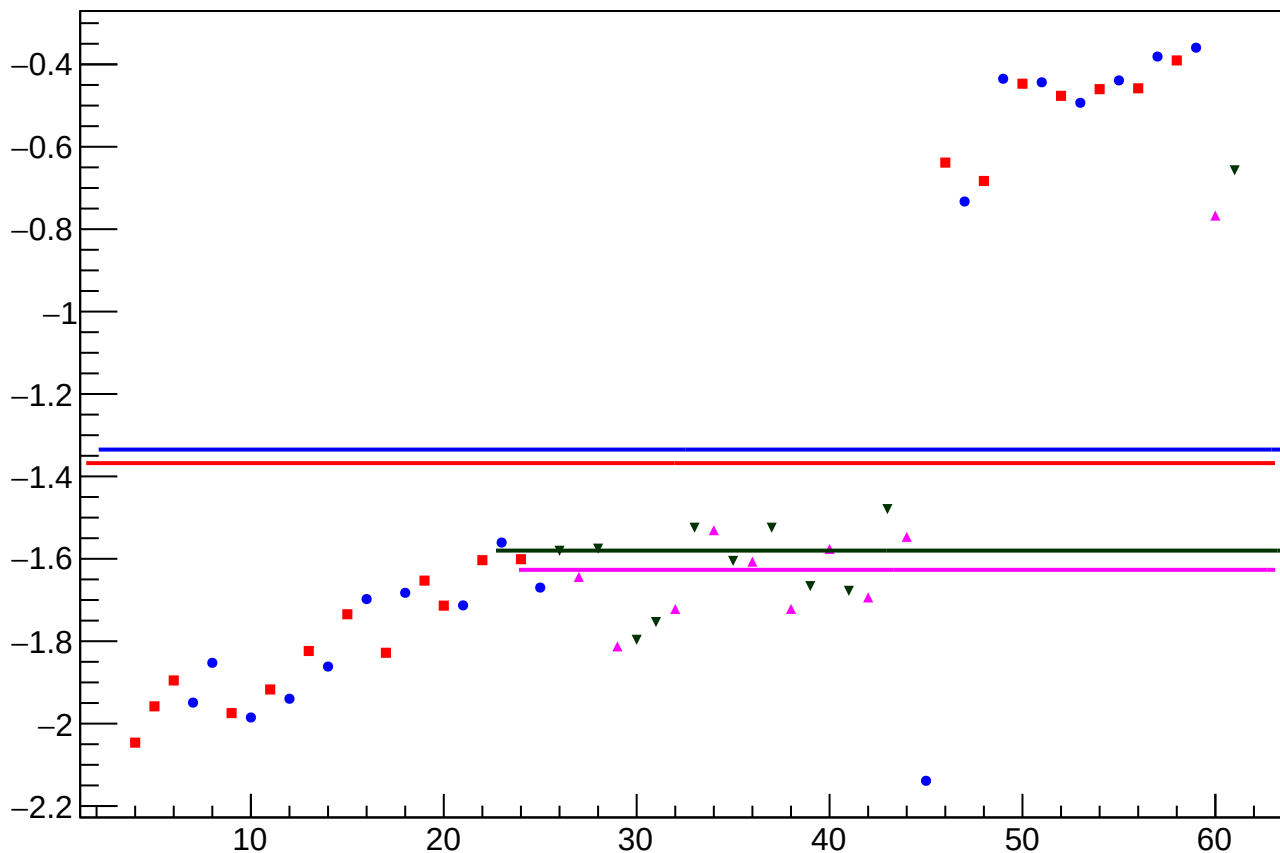
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.009+/-0.000 χ^2/NDF : 201835.7/9

0.008+/-0.000 χ^2/NDF : 642406.8/28

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: -1.580+/-0.000 χ^2/NDF :1466146122.5/10

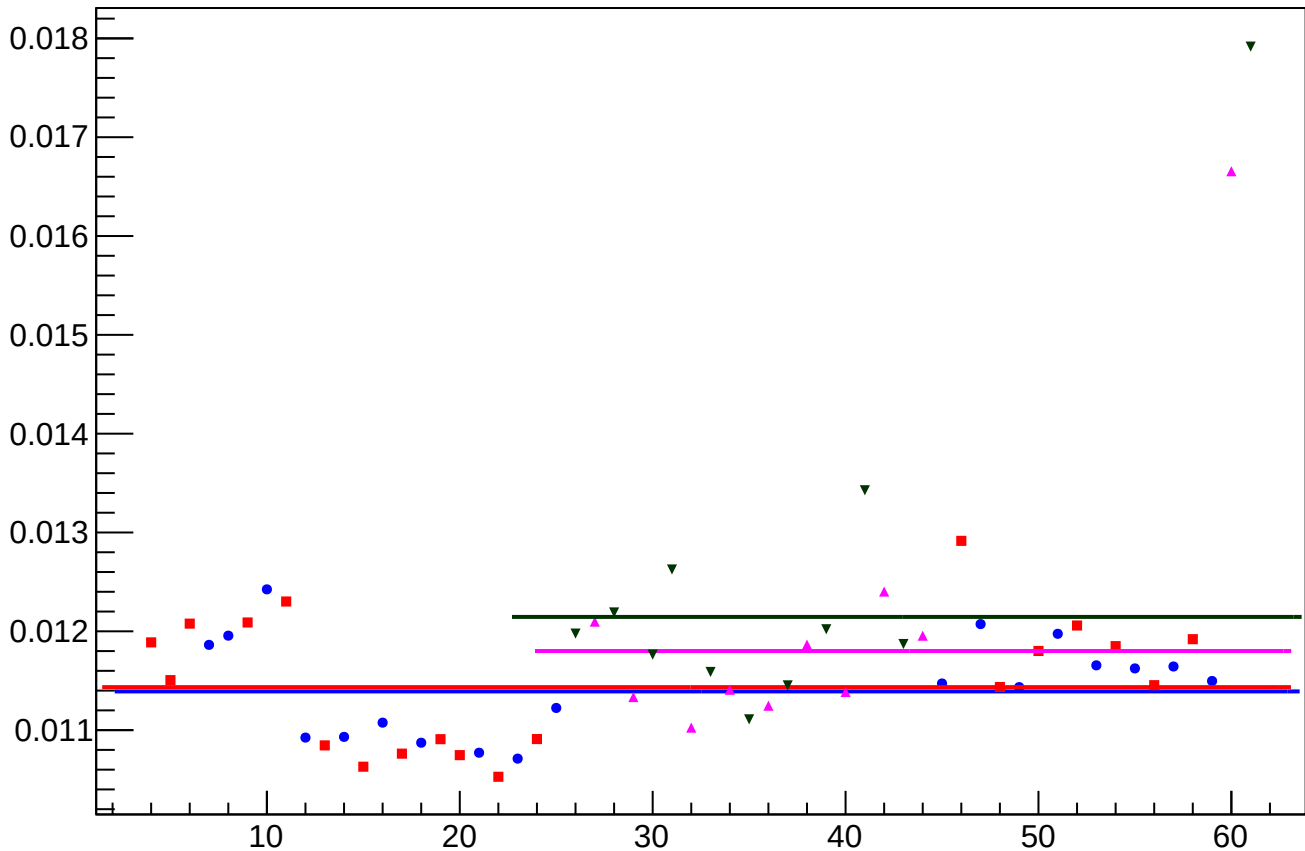
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.627+/-0.000 χ^2/NDF :1836910836.7/9

-1.410+/-0.000 χ^2/NDF : 41442521656.3/28

-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 :114413.7/10

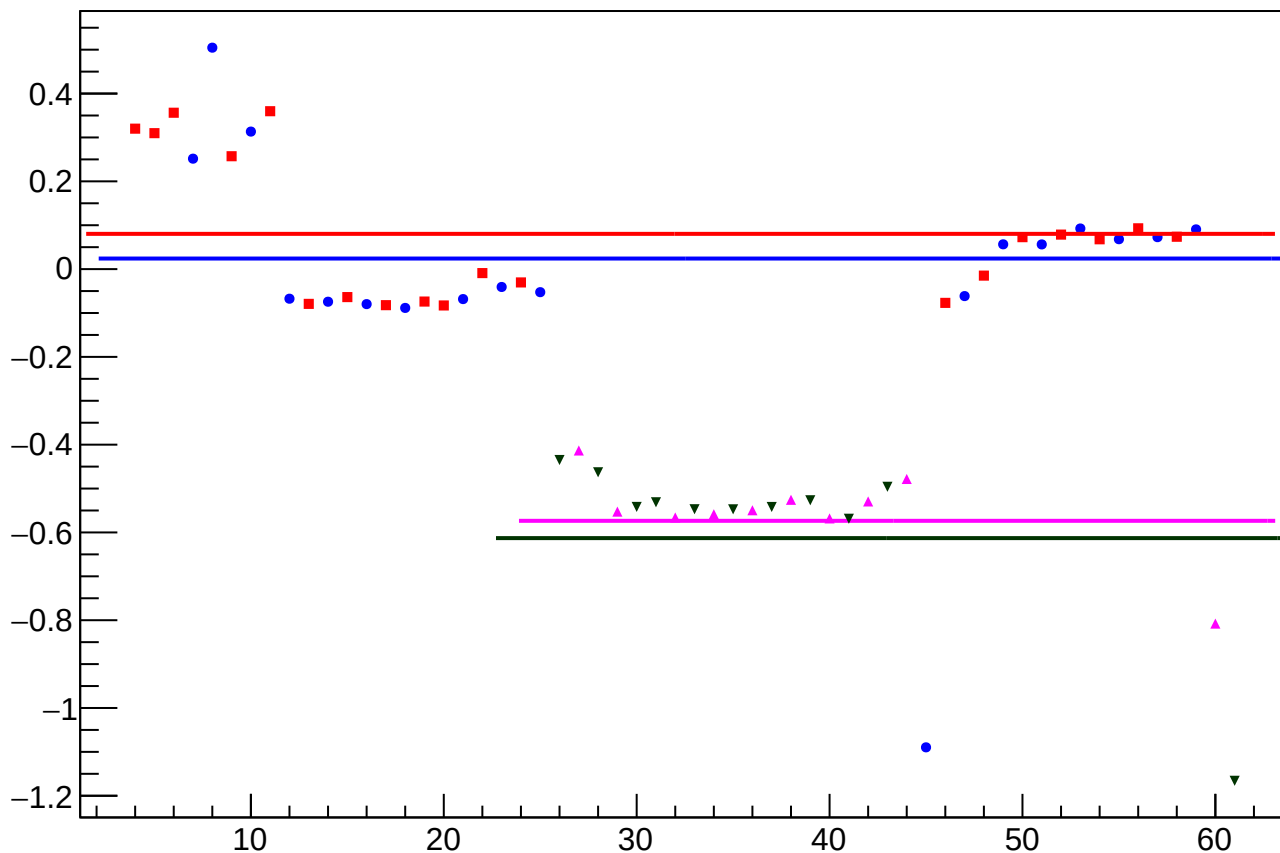
Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

Left In: 0.012+/-0.000 χ^2/NDF :111090.5/9

0.012+/-0.000 χ^2/NDF : 186263.1/28

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: -0.613+/-0.000 χ^2/NDF : 4985198478.9/10

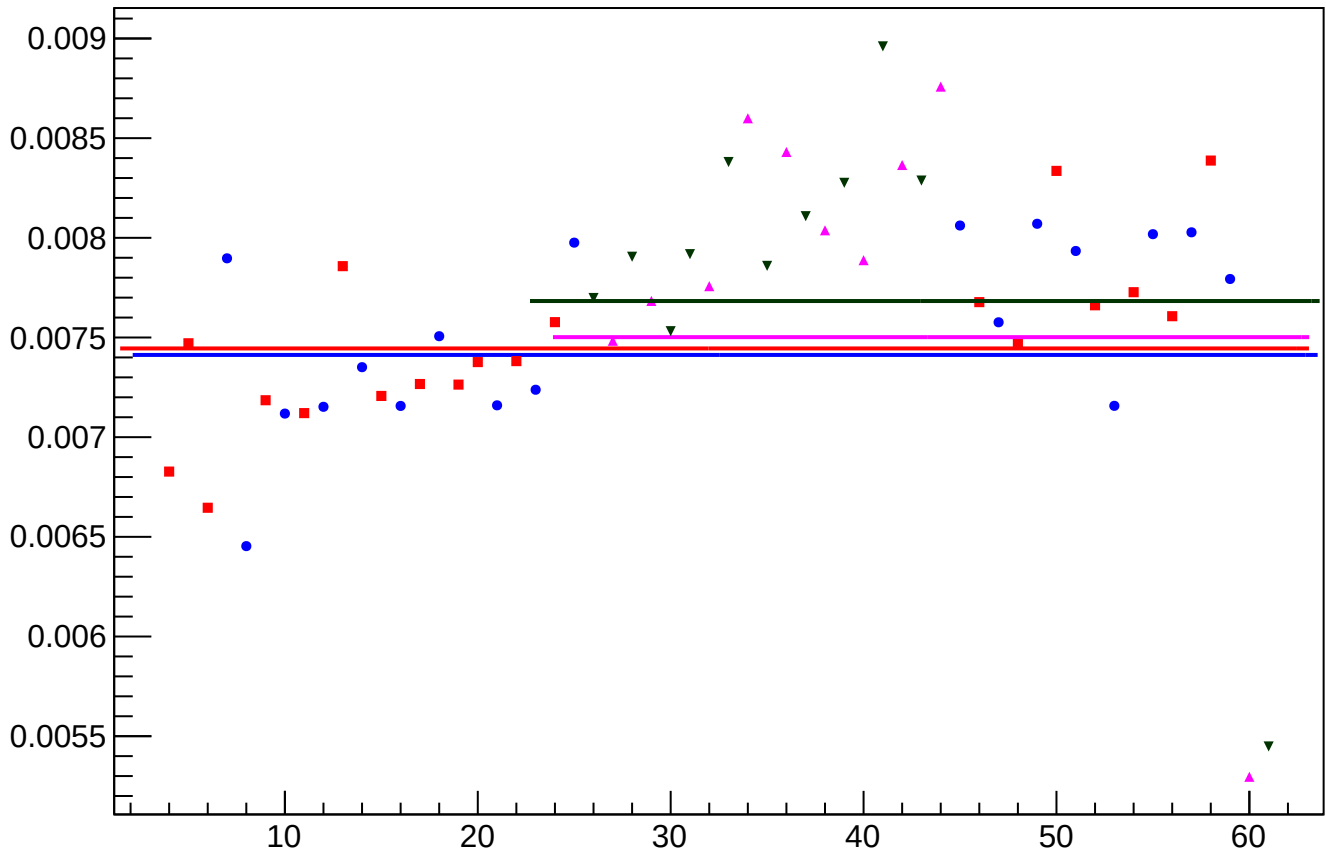
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.574+/-0.000 χ^2/NDF : 1512798014.7/9

-0.178+/-0.000 χ^2/NDF : 48802246087.2/28

-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 :181517.8/10

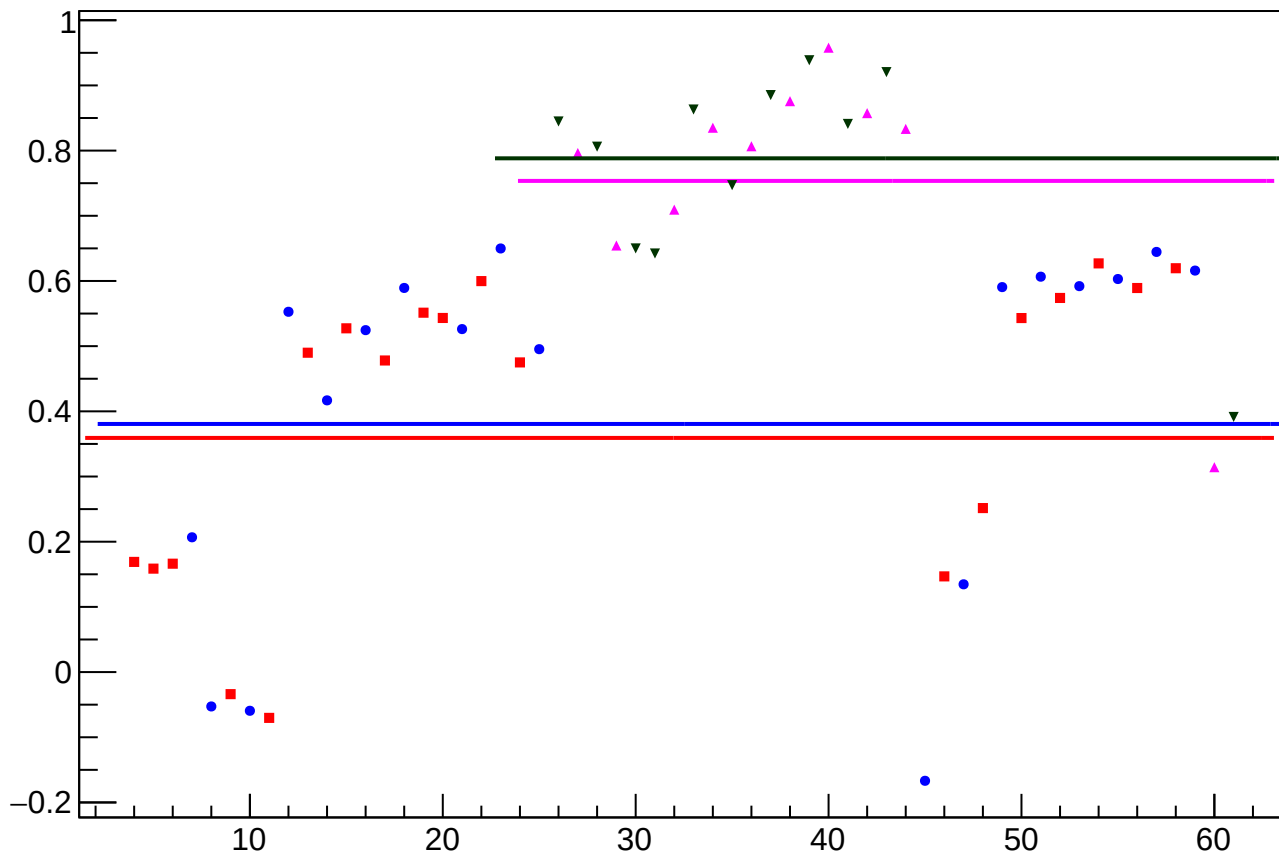
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.008+/-0.000 χ^2/NDF :251912.0/9

0.007+/-0.000 χ^2/NDF : 281858.2/28

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: 0.788 ± 0.000 χ^2/NDF : 2146724135.4/10

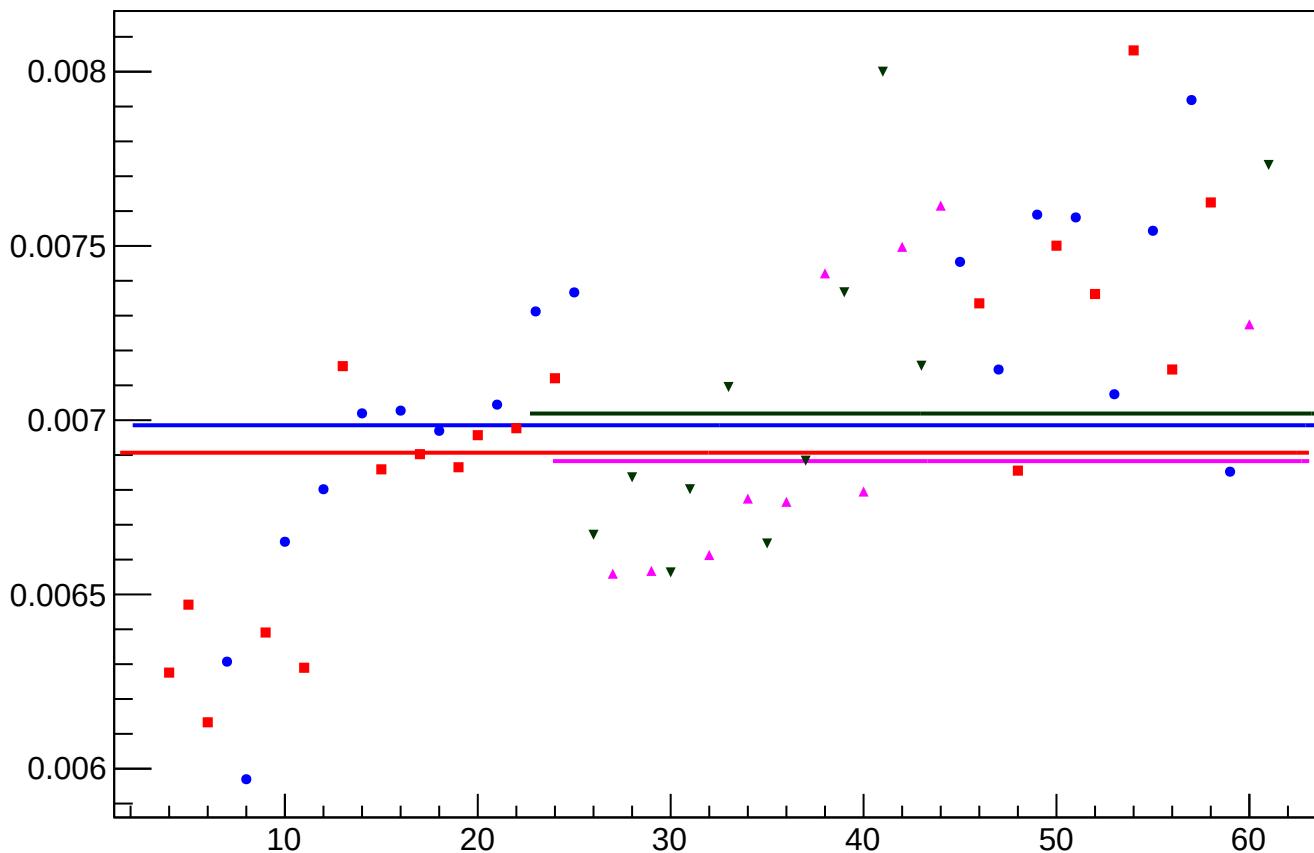
0.518 ± 0.000 χ^2/NDF : 32484503015.4/28

Right Out: 0.359 ± 0.000 χ^2/NDF : 11904326957.3/18

0.512 ± 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+/-0.000 χ^2/NDF : 107156.0/17

Left Out: 0.007+/-0.000 χ^2/NDF : 40366.5/10

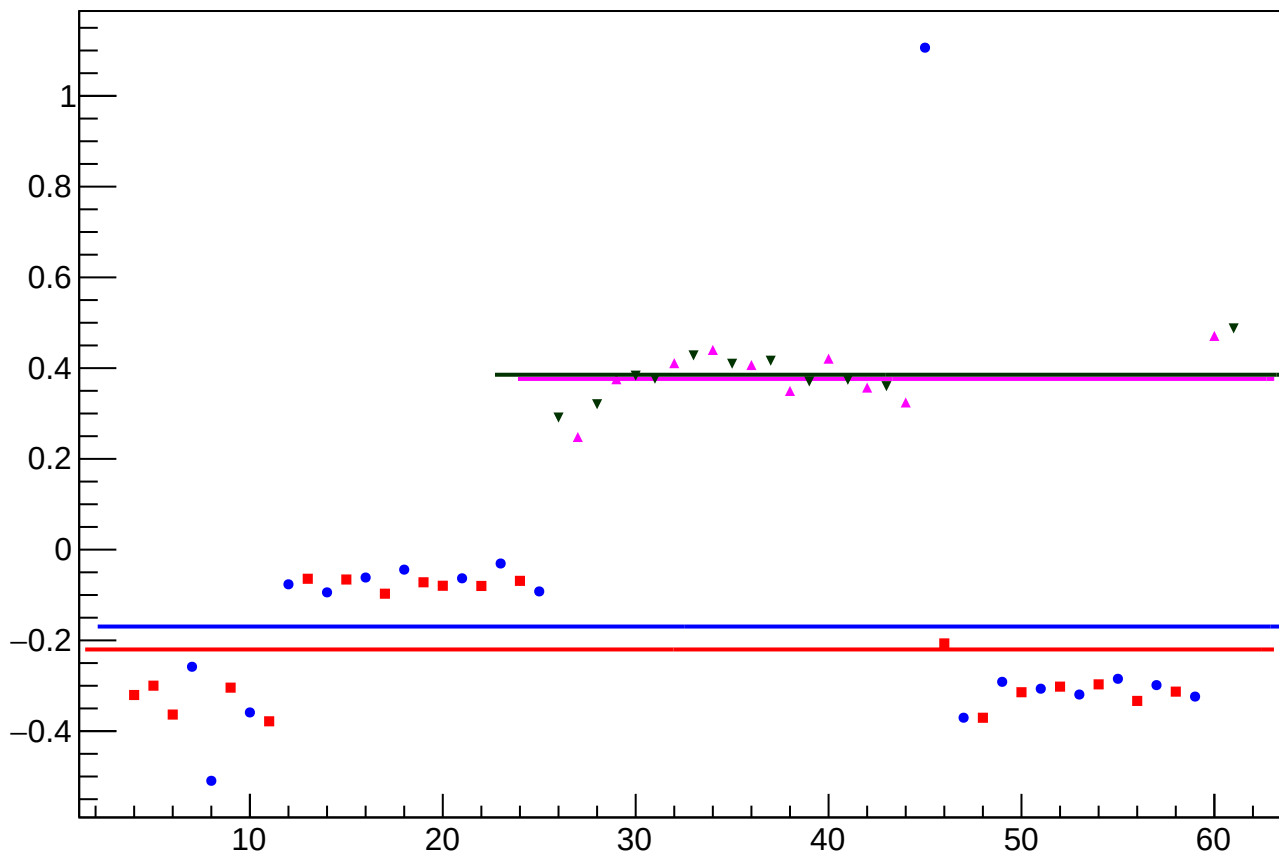
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 36502.4/9

0.007+/-0.000 χ^2/NDF : 147693.8/28

0.007+/-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: 0.385 ± 0.000 χ^2/NDF : 572018721.8/10

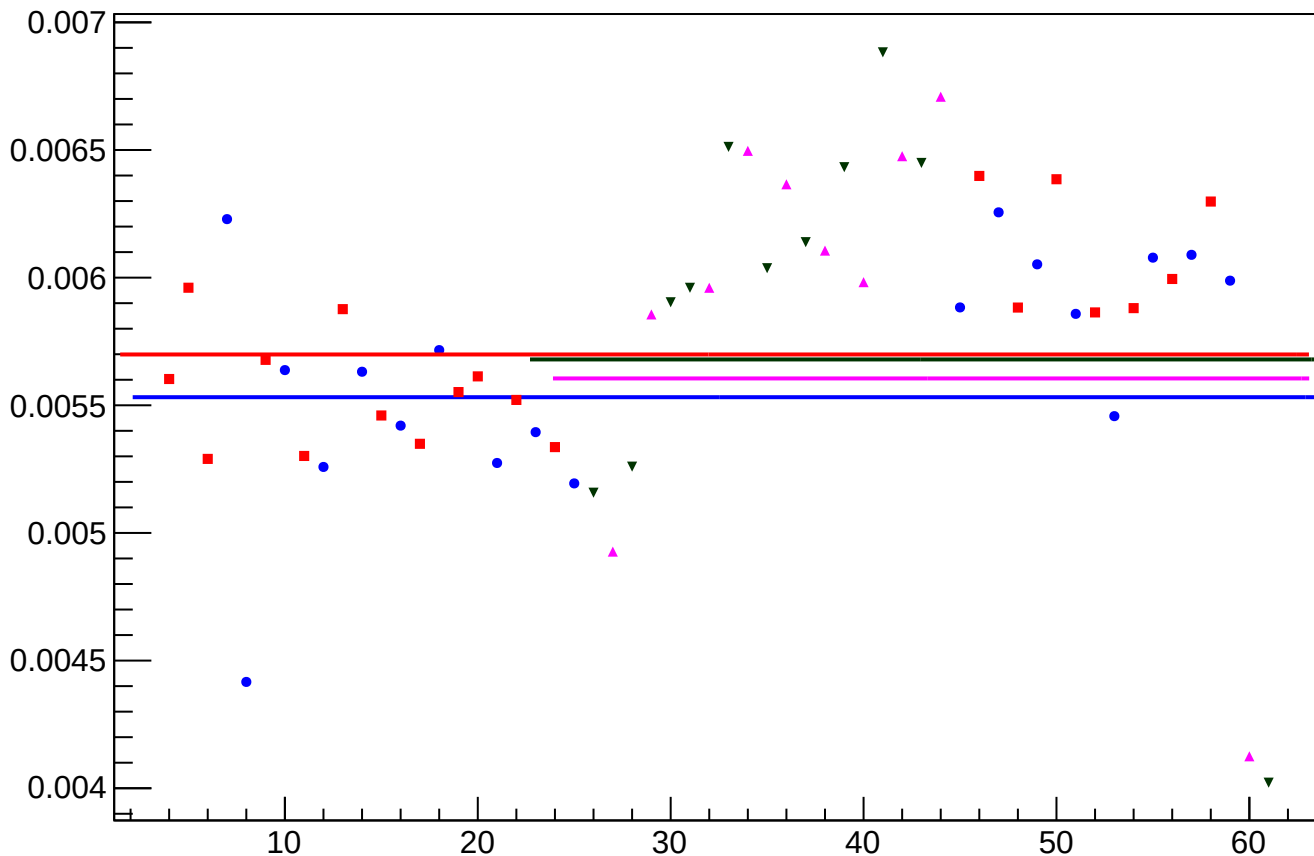
Right Out: -0.220 ± 0.000 χ^2/NDF : 4721801975.9/18

Left In: 0.376 ± 0.000 χ^2/NDF : 985240765.6/9

0.009 ± 0.000 χ^2/NDF : 72544004104.4/28

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 : 249832.7/10

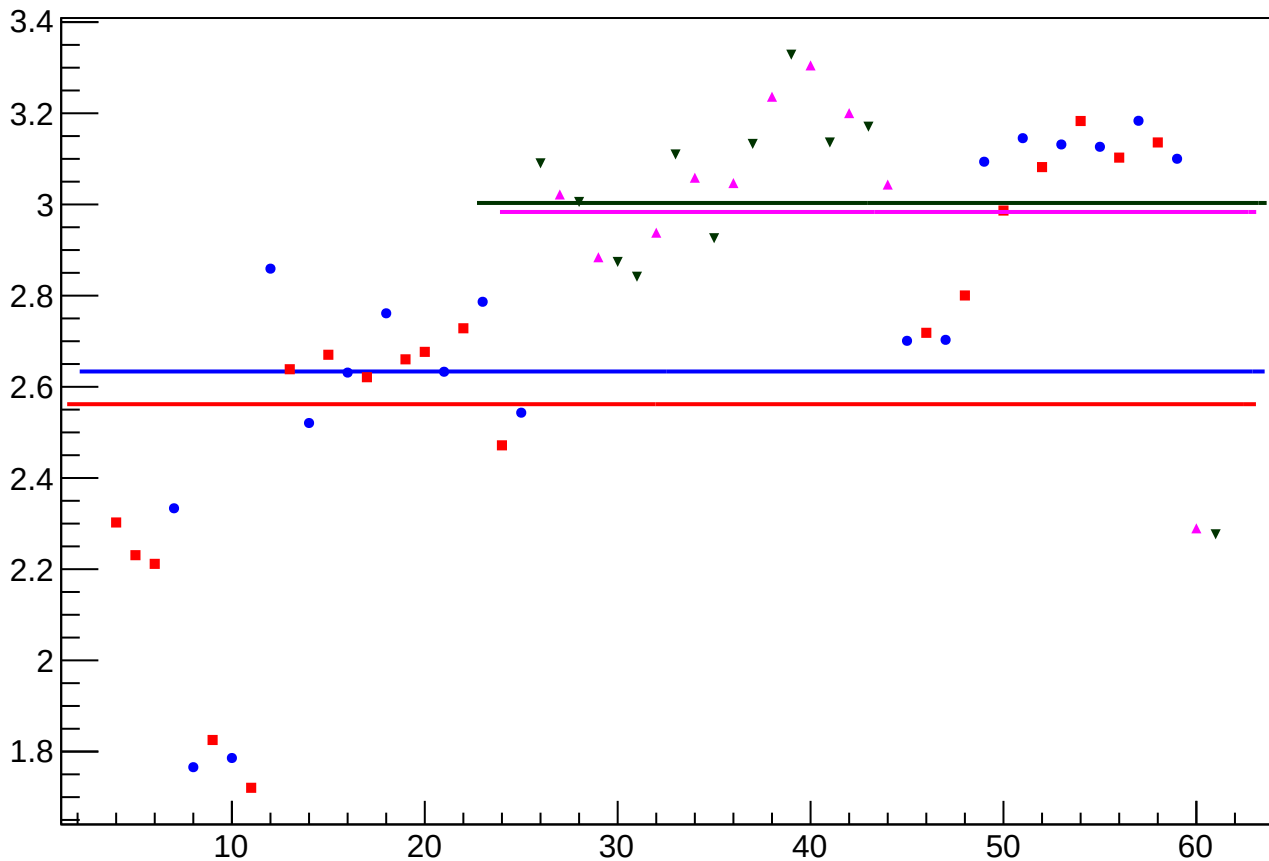
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.006+/-0.000 χ^2/NDF : 264098.0/9

0.006+/-0.000 χ^2/NDF : 441770.8/28

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: 3.003 $\pm$ 0.000 χ^2 /NDF: 3608445383.5/10

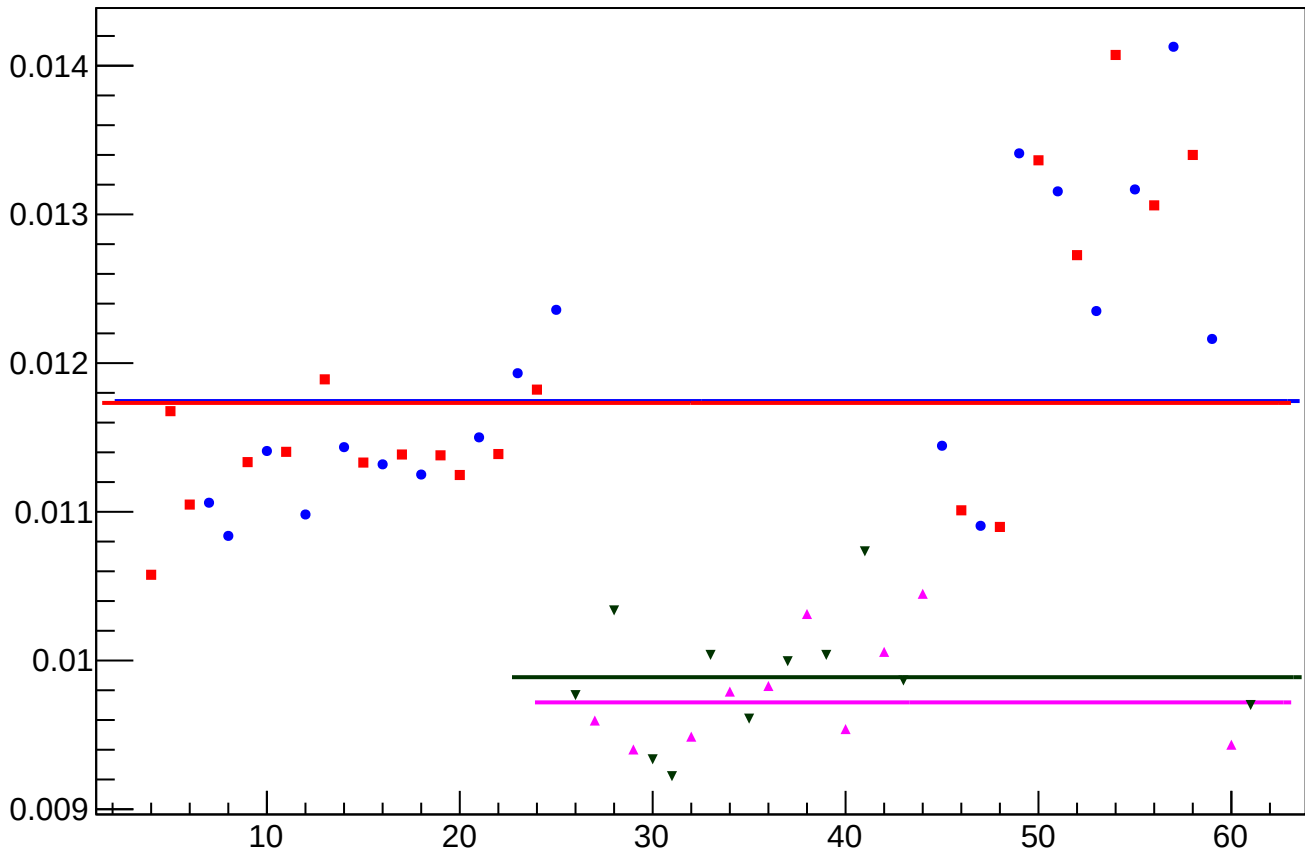
2.790 $\pm$ 0.000 χ^2 /NDF: 24063915000.3/28

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 $\pm$ 0.000 χ^2 /NDF: 117347.2/17

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 19145.7/10

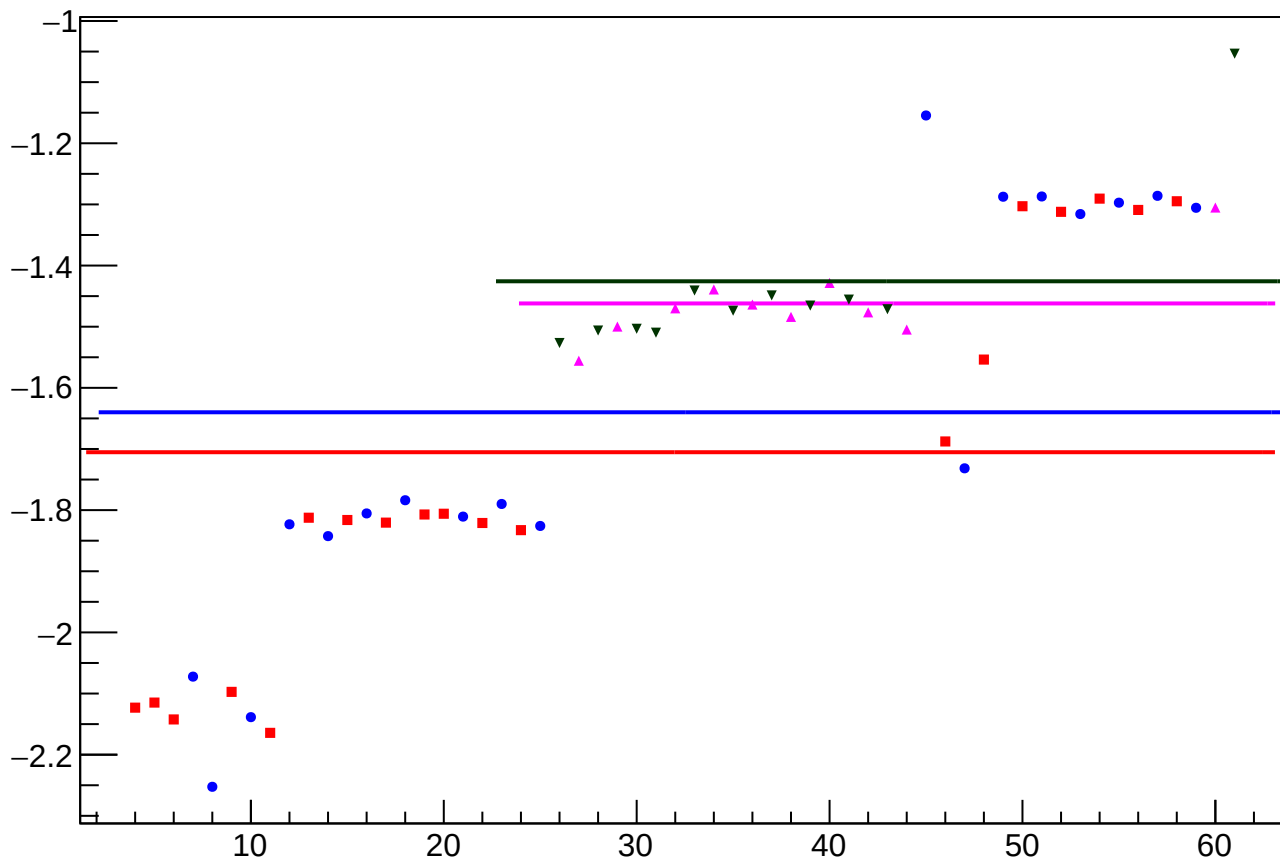
0.011 $\pm$ 0.000 χ^2 /NDF: 367463.0/28

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 107336.5/18

0.011 $\pm$ 0.000 χ^2 /NDF: 392765.8/28

Left In: 0.010 $\pm$ 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: -1.426+/-0.000 χ^2/NDF : 4318030461.6/10

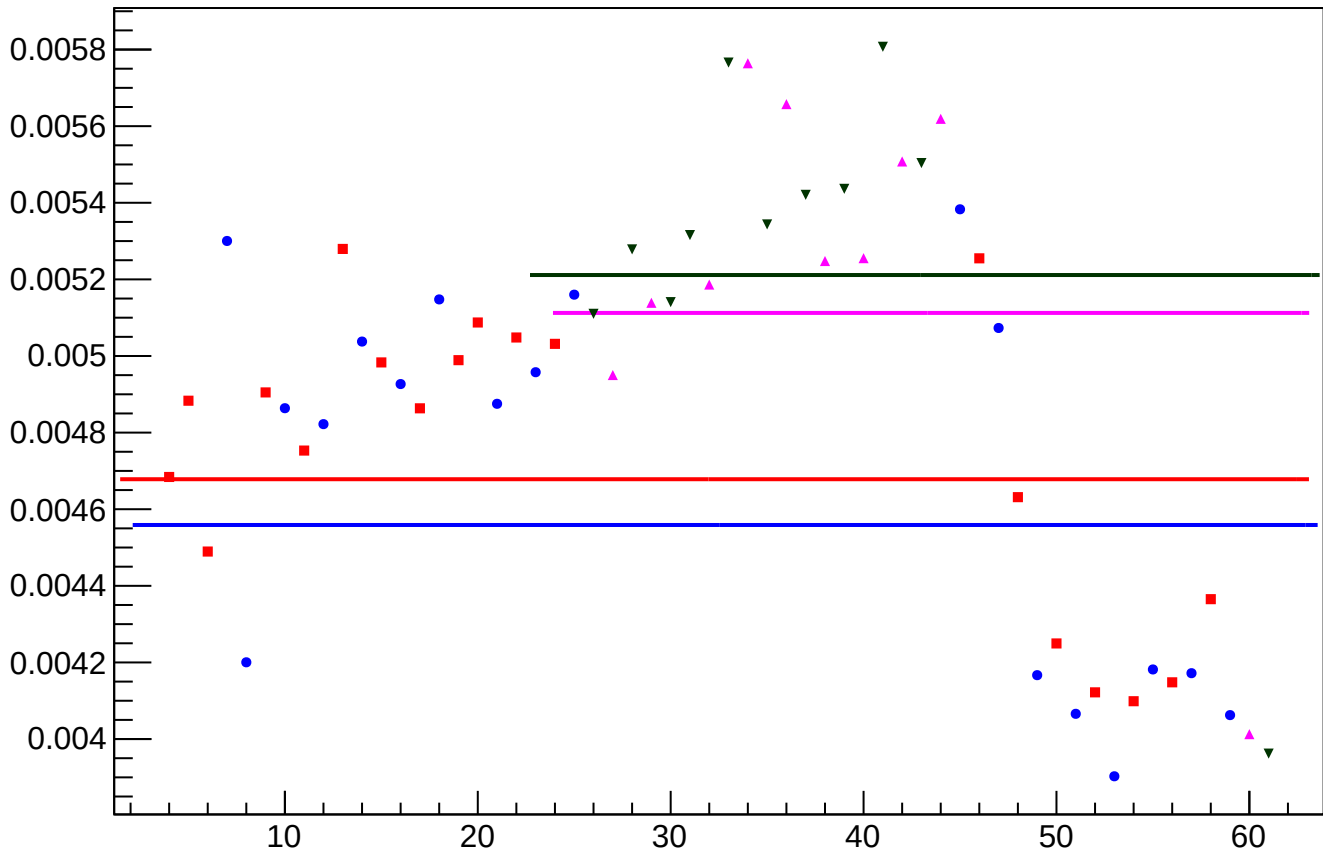
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.462+/-0.000 χ^2/NDF : 1204254742.5/9

-1.580+/-0.000 χ^2/NDF : 74876039368.3/28

-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 :110866.4/10

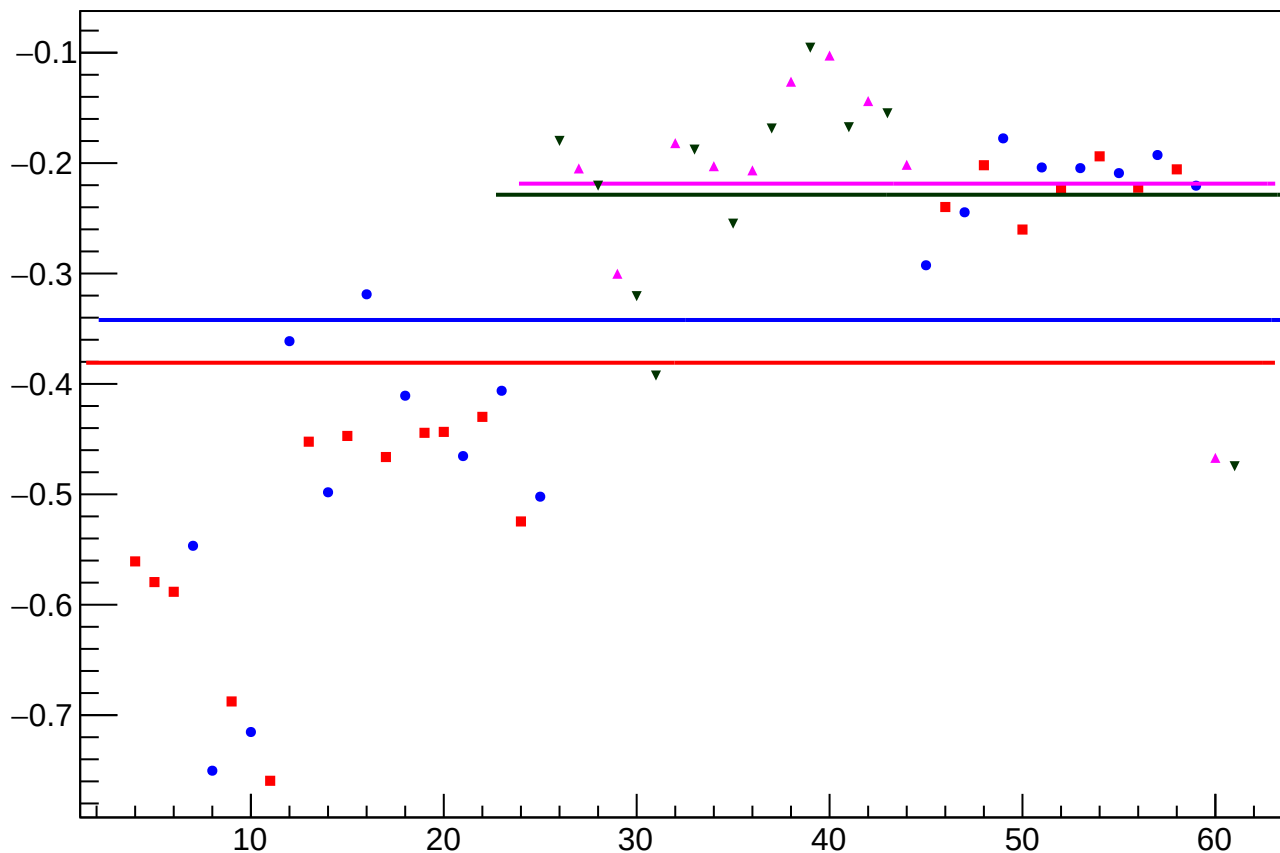
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF :116497.2/9

0.005+/-0.000 χ^2/NDF : 463697.0/28

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: -0.229+/-0.000 χ^2/NDF : 269923462.1/10

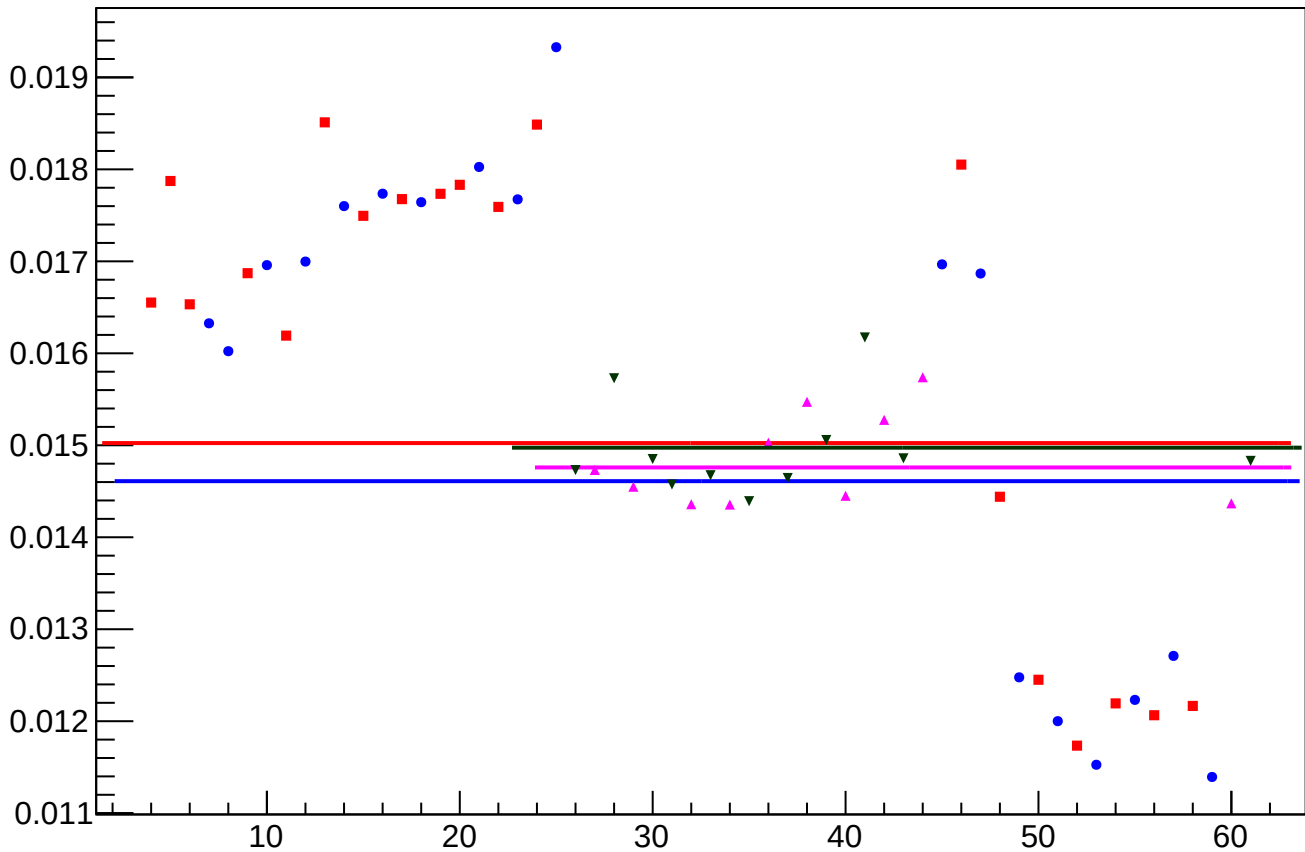
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.219+/-0.000 χ^2/NDF : 251093332.9/9

-0.304+/-0.000 χ^2/NDF : 2157658207.0/28

-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 :13299.0/10

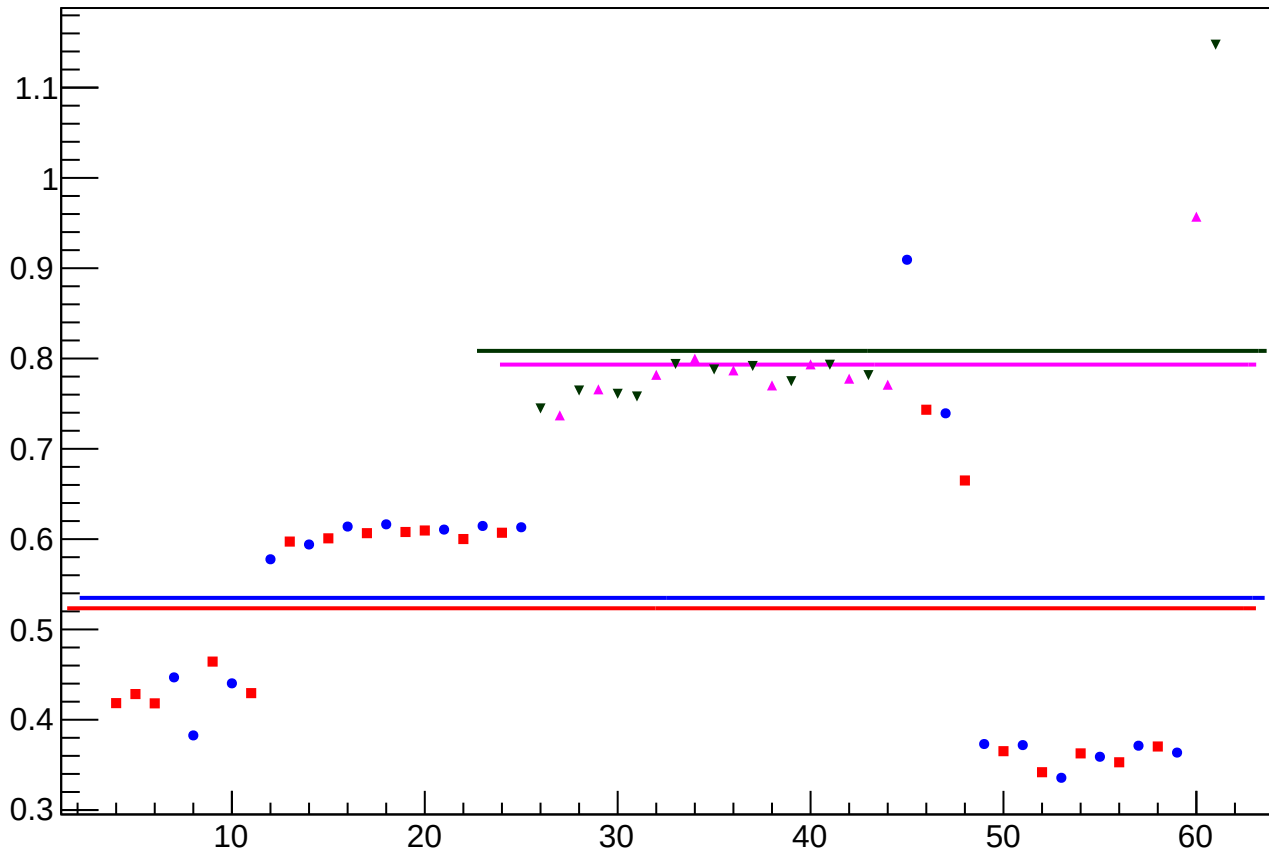
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF :11390.7/9

0.015+/-0.000 χ^2/NDF : 729716.9/28

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: 0.808+/-0.000 χ^2/NDF : 6076056336.3/10

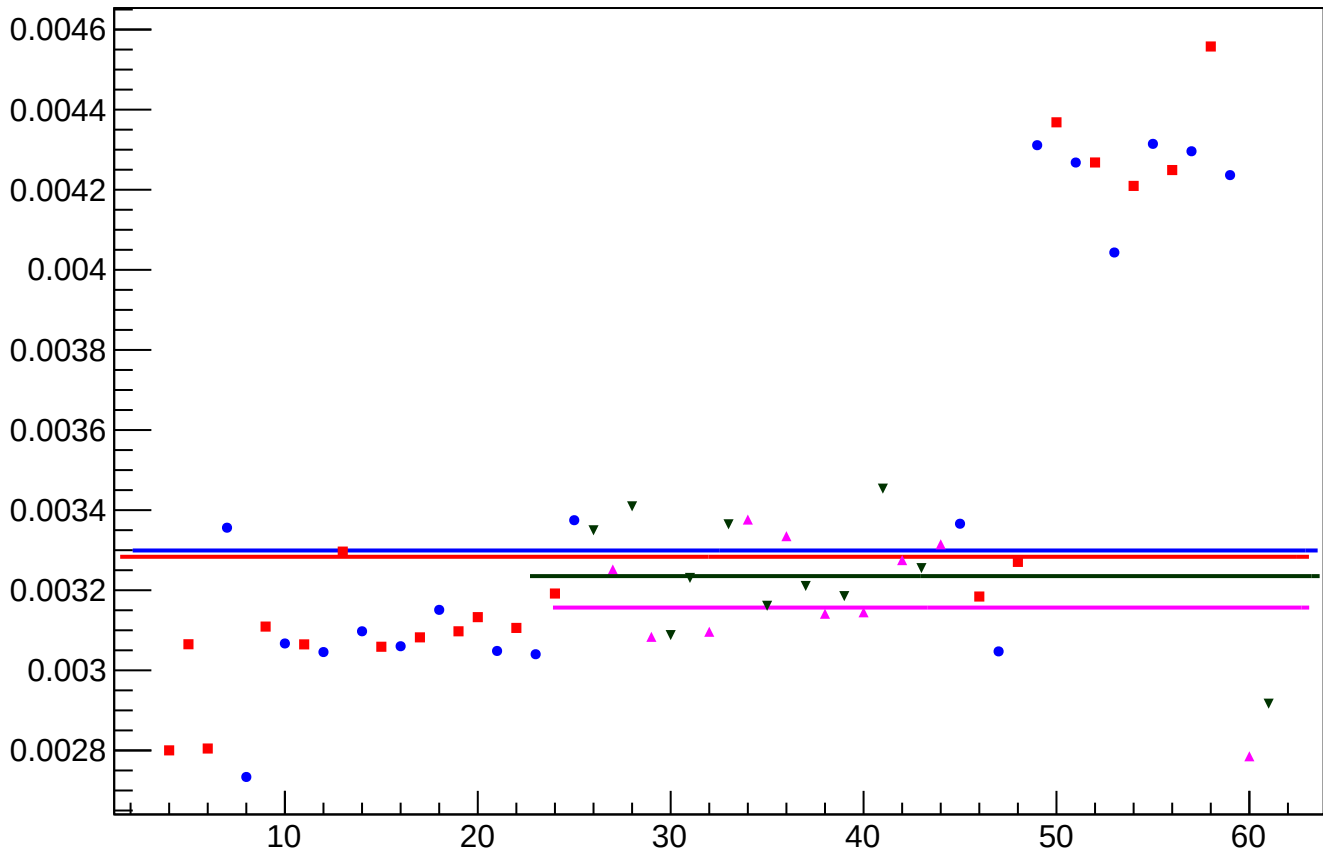
Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

Left In: 0.793+/-0.000 χ^2/NDF : 2154446194.8/9

0.631+/-0.000 χ^2/NDF : 53163842453.3/28

0.634+/-0.000 χ^2/NDF : 39746223107.8/28

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 497565.6/17

Left Out: 0.003+/-0.000 χ^2/NDF :23382.0/10

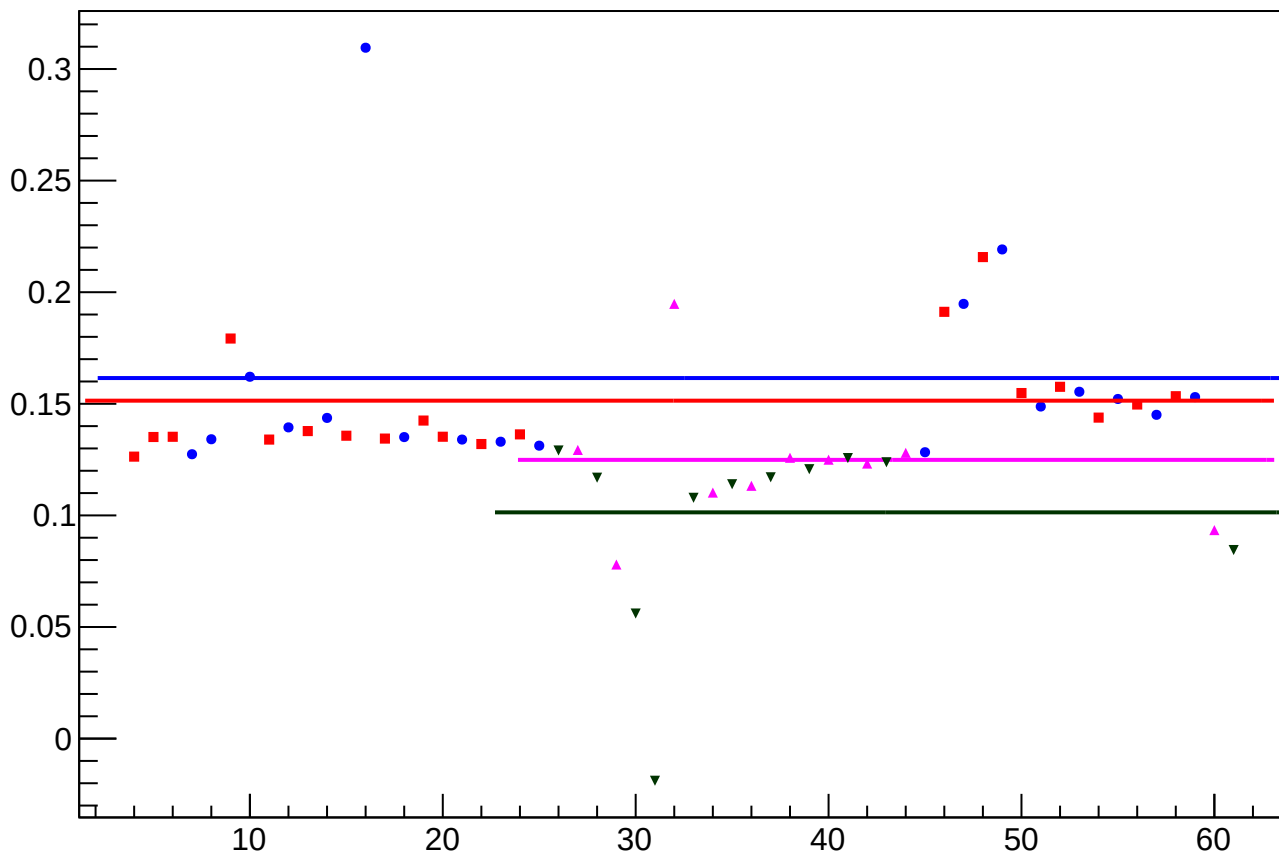
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF :31818.2/9

0.003+/-0.000 χ^2/NDF : 523776.7/28

0.003+/-0.000 χ^2/NDF : 425610.2/28

yield_bpm0l08X_mean vs slug



Right In: 0.162+/-0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.101+/-0.000 χ^2/NDF : 43228167.8/10

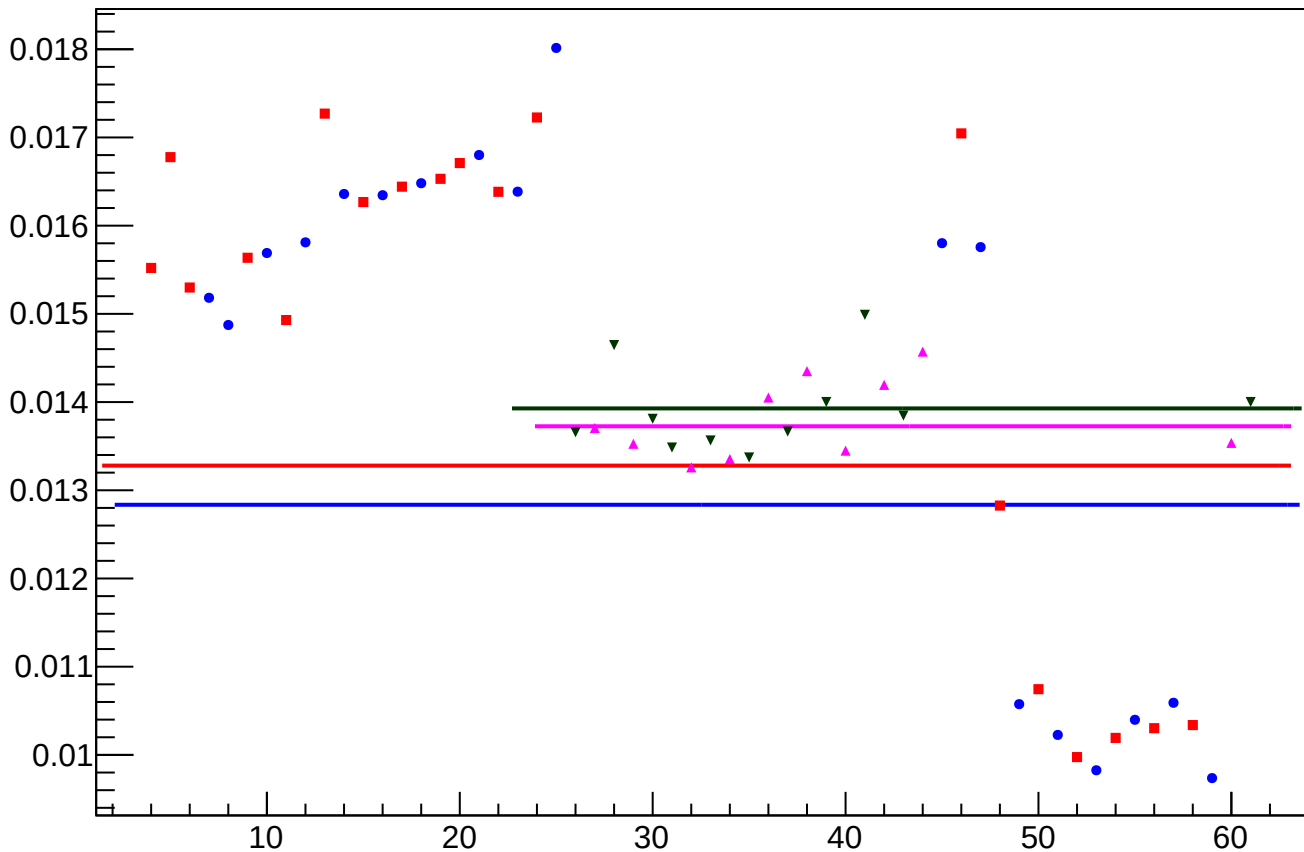
Right Out: 0.151+/-0.000 χ^2/NDF : 22463584.0/18

Left In: 0.125+/-0.000 χ^2/NDF : 38381974.3/9

0.142+/-0.000 χ^2/NDF : 211076117.4/28

0.141+/-0.000 χ^2/NDF : 74883463.6/28

yield_bpm0l08X_rms vs slug



Right In: 0.013 $\pm$ 0.000 χ^2/NDF : 1088247.1/17

Left Out: 0.014 $\pm$ 0.000 χ^2/NDF :13434.8/10

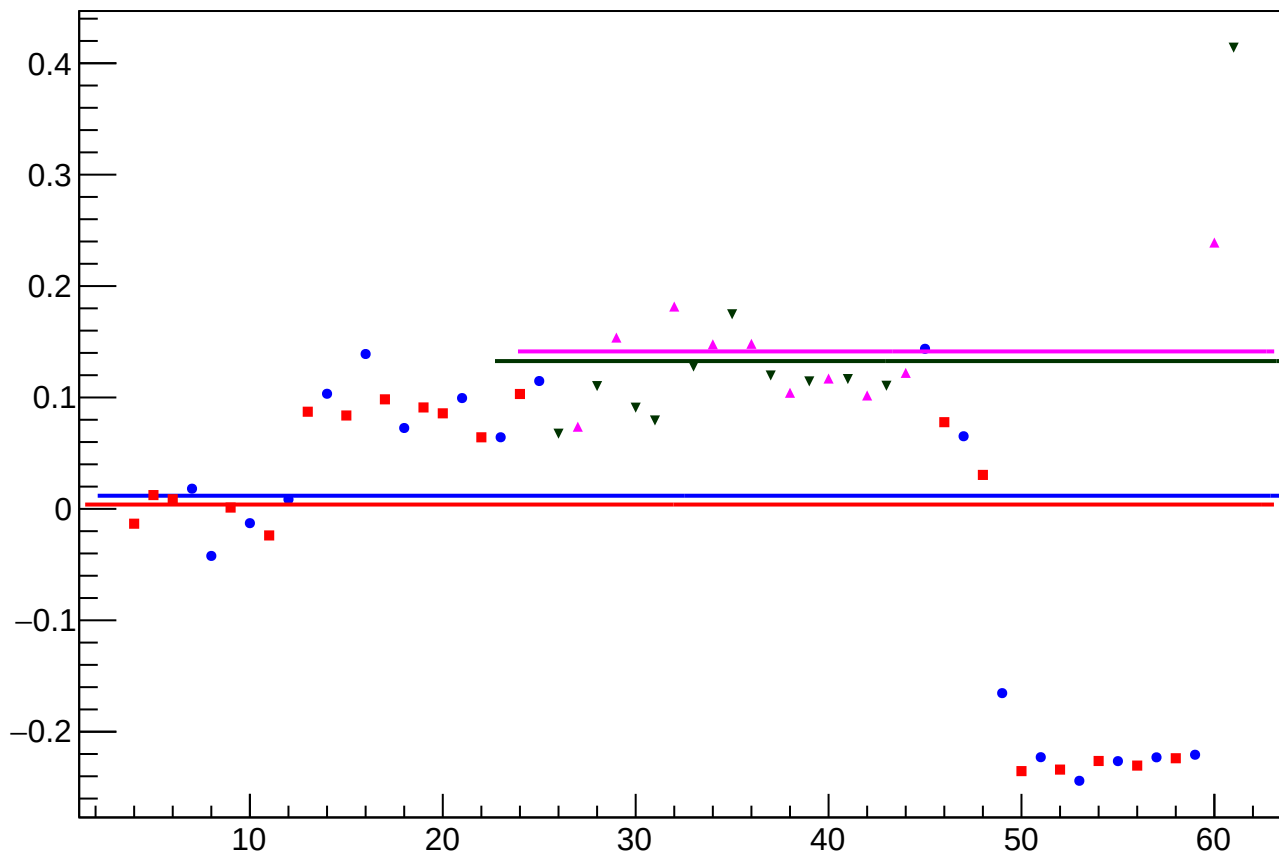
Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 890007.3/18

Left In: 0.014 $\pm$ 0.000 χ^2/NDF :10995.1/9

0.013 $\pm$ 0.000 χ^2/NDF : 1149865.3/28

0.013 $\pm$ 0.000 χ^2/NDF : 908937.5/28

yield_bpm0l08Y_mean vs slug



Right In: 0.012 ± 0.000 χ^2/NDF : 12179192870.2/17

Left Out: 0.133 ± 0.000 χ^2/NDF : 3444676635.9/10

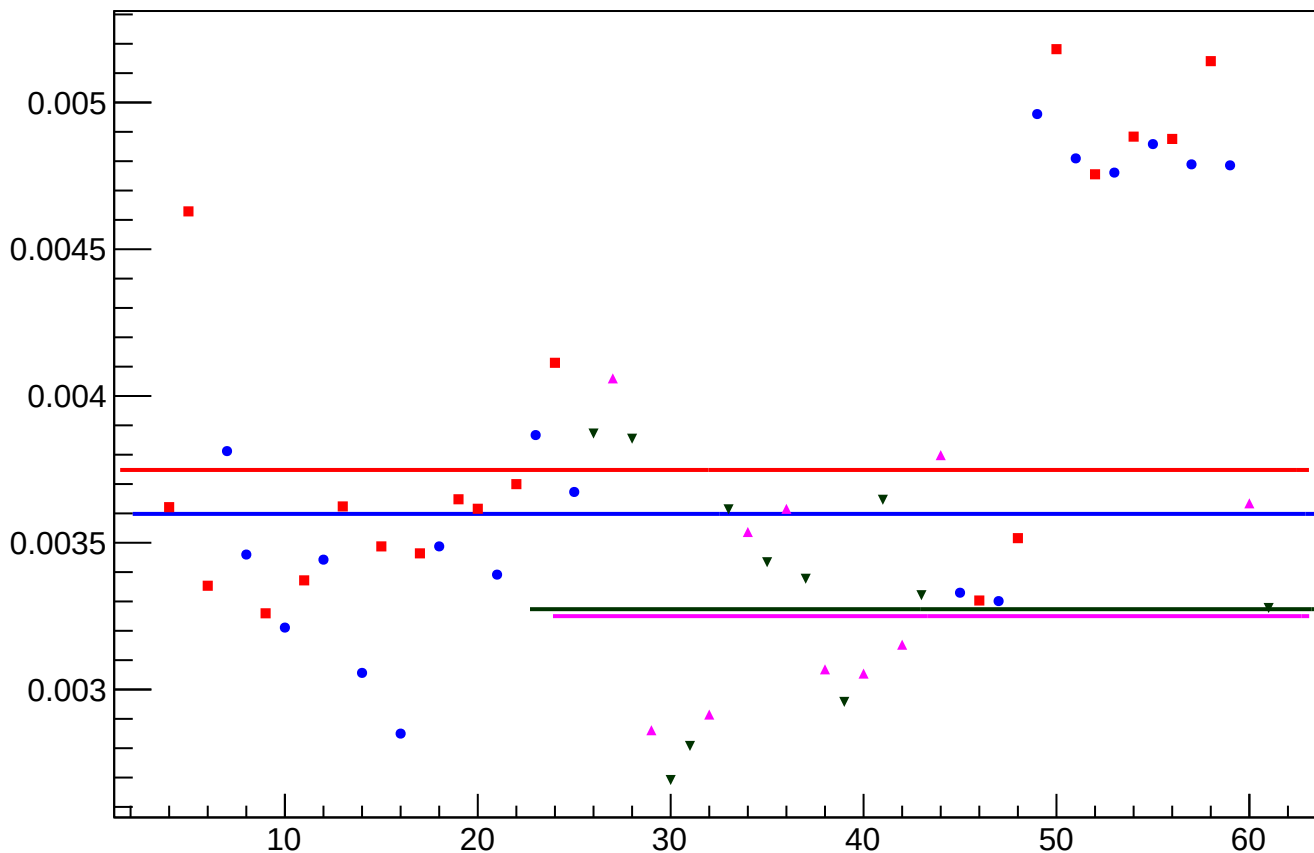
Right Out: 0.004 ± 0.000 χ^2/NDF : 7924148421.7/18

Left In: 0.141 ± 0.000 χ^2/NDF : 955482229.6/9

0.058 ± 0.000 χ^2/NDF : 20165042207.2/28

0.067 ± 0.000 χ^2/NDF : 14547079079.7/28

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 672957.8/17

Left Out: 0.003+/-0.000 χ^2/NDF :157068.5/10

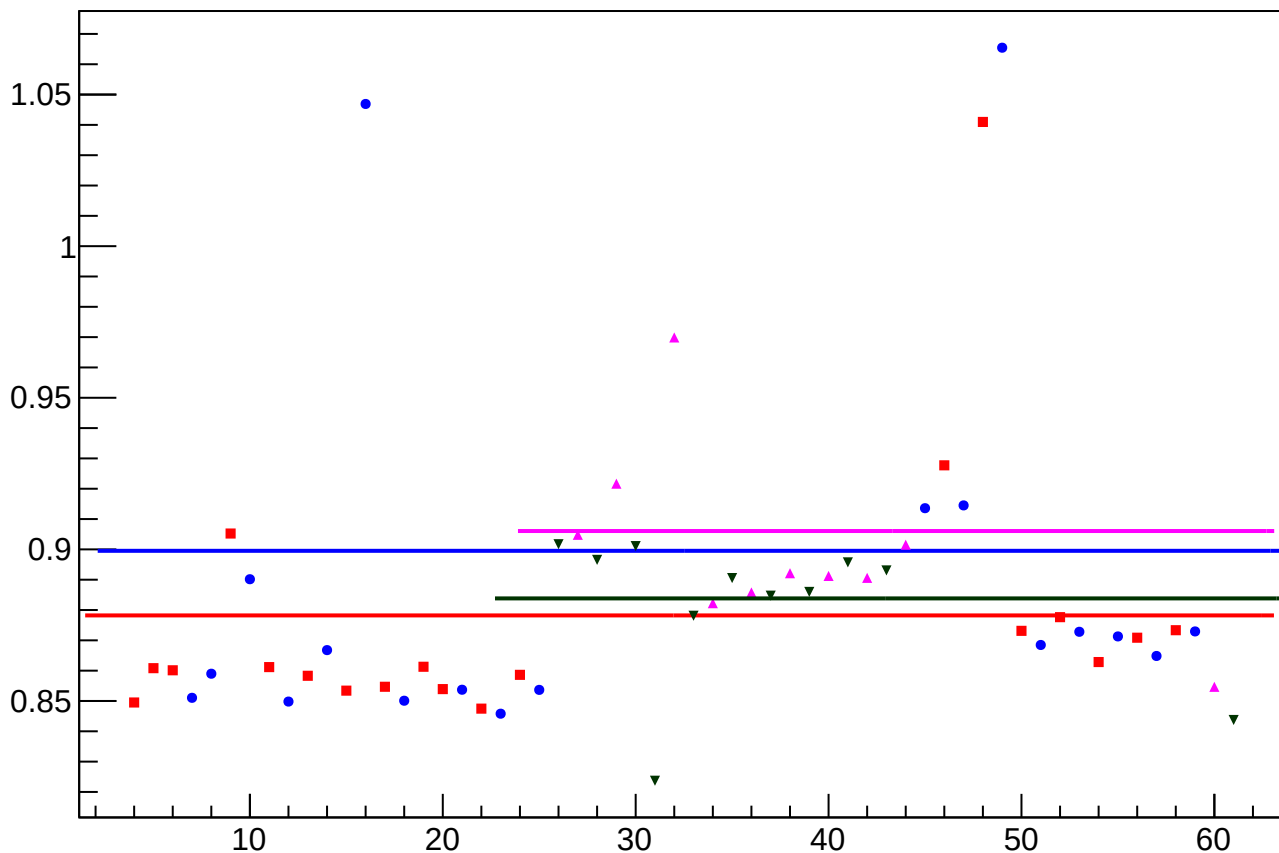
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF :174806.1/9

0.003+/-0.000 χ^2/NDF : 895552.0/28

0.004+/-0.000 χ^2/NDF : 750949.6/28

yield_bpm0l09X_mean vs slug



Right In: 0.900+/-0.000 χ^2/NDF : 324904340.4/17

Left Out: 0.884+/-0.000 χ^2/NDF : 14125988.4/10

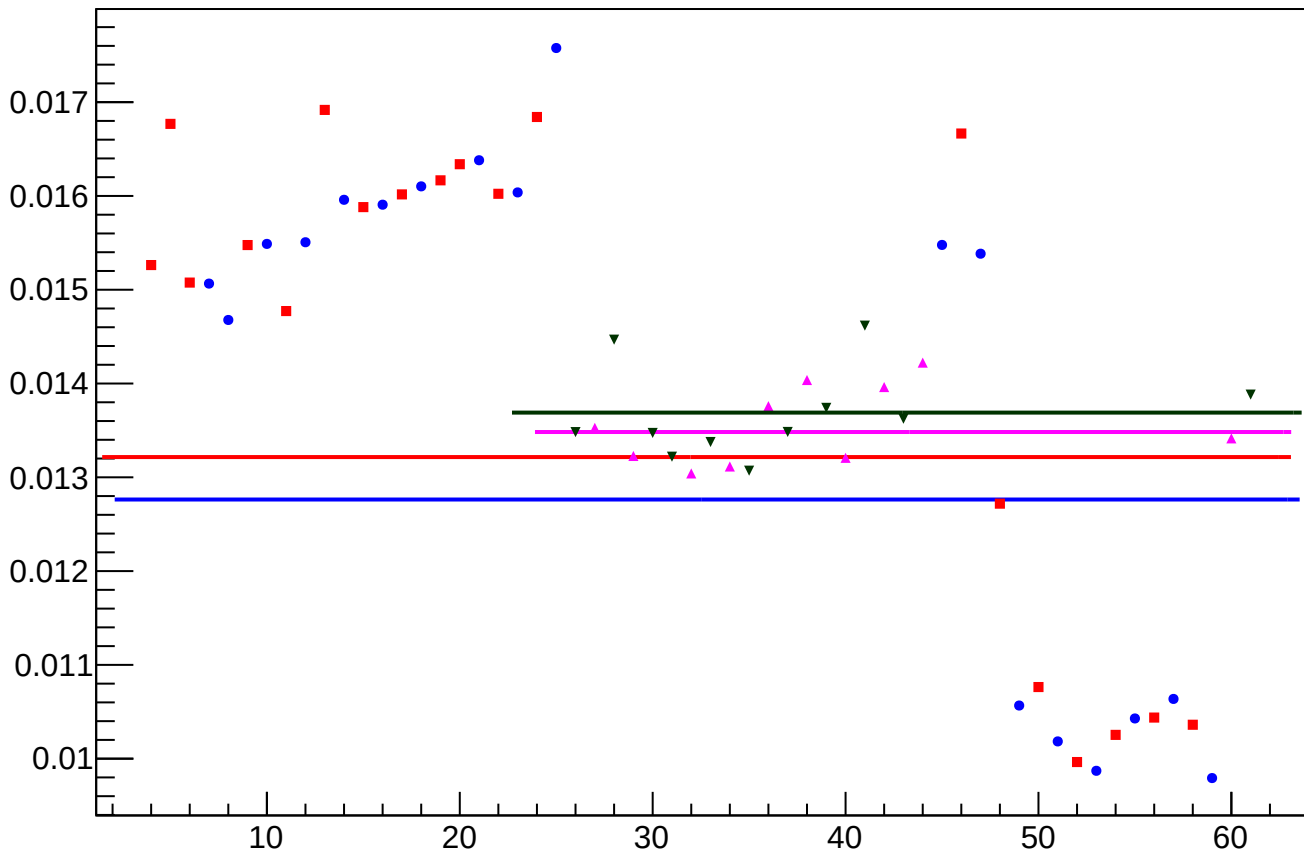
Right Out: 0.878+/-0.000 χ^2/NDF : 92356263.0/18

Left In: 0.906+/-0.000 χ^2/NDF : 34282828.4/9

0.894+/-0.000 χ^2/NDF : 344142643.8/28

0.889+/-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 :13488.5/10

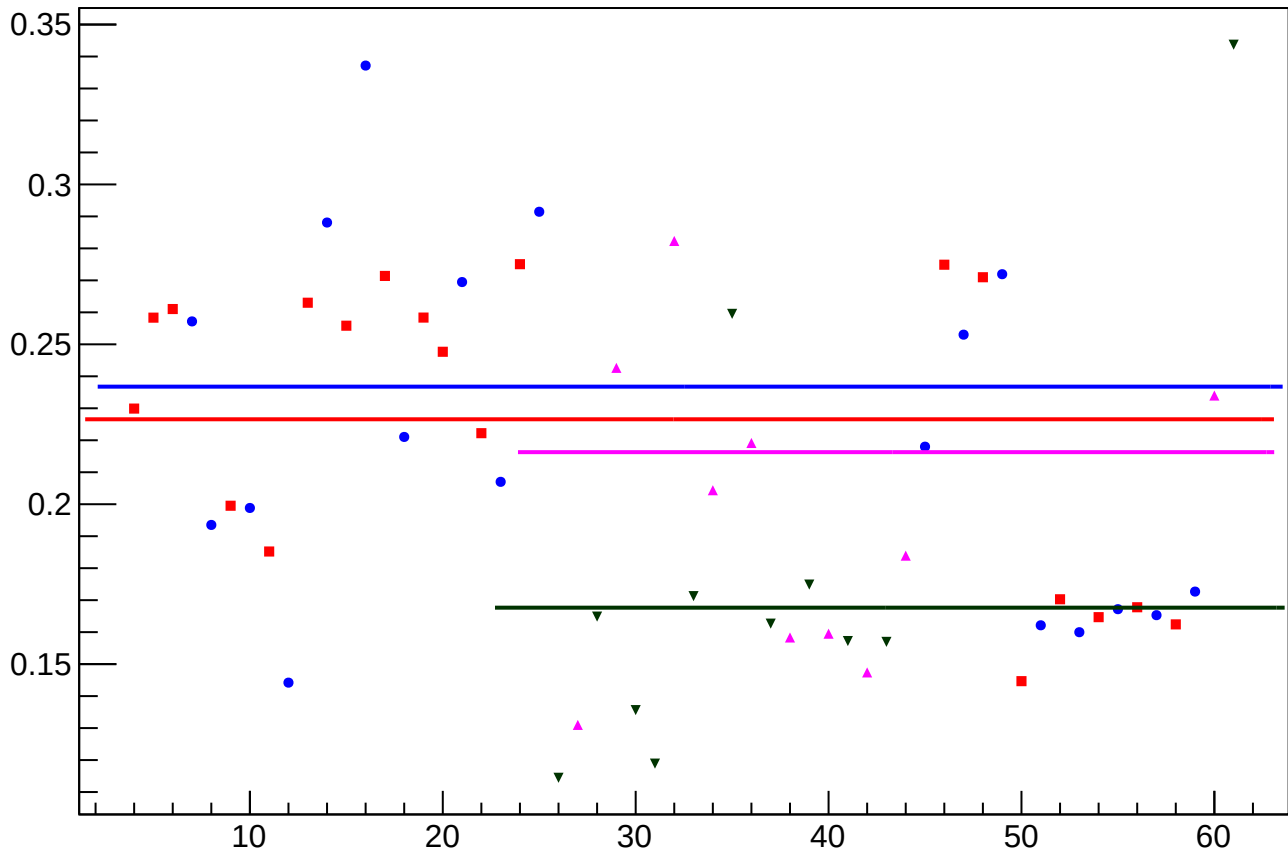
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.013+/-0.000 χ^2/NDF :9897.0/9

0.013+/-0.000 χ^2/NDF : 1029281.7/28

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: 0.168 $\pm$ 0.000 χ^2 /NDF:1504689275.9/10

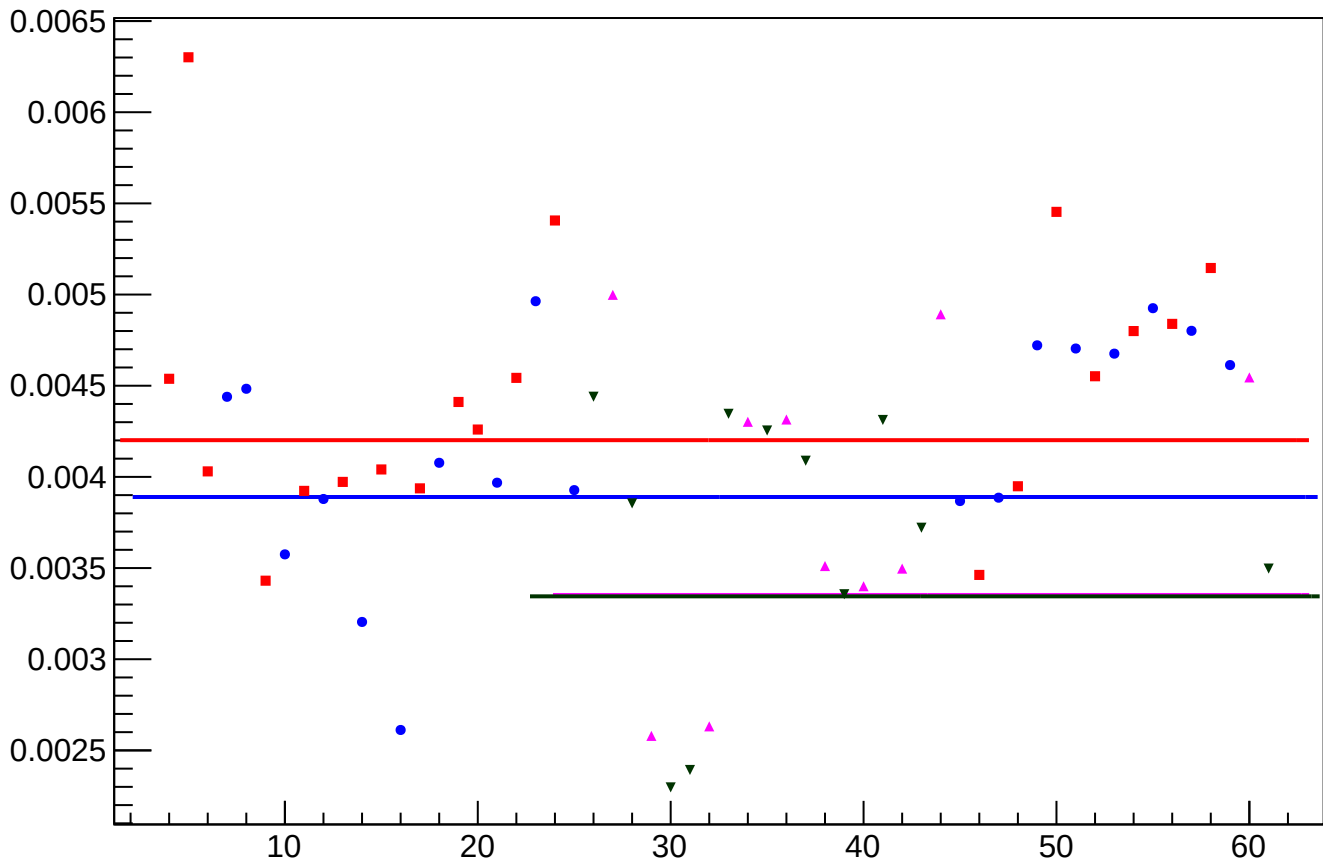
0.209 $\pm$ 0.000 χ^2 /NDF: 5208410733.6/28

Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 943883207.4/18

0.222 $\pm$ 0.000 χ^2 /NDF: 2279450040.2/28

Left In: 0.216 $\pm$ 0.000 χ^2 /NDF:1309483016.5/9

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 : 598024.6/10

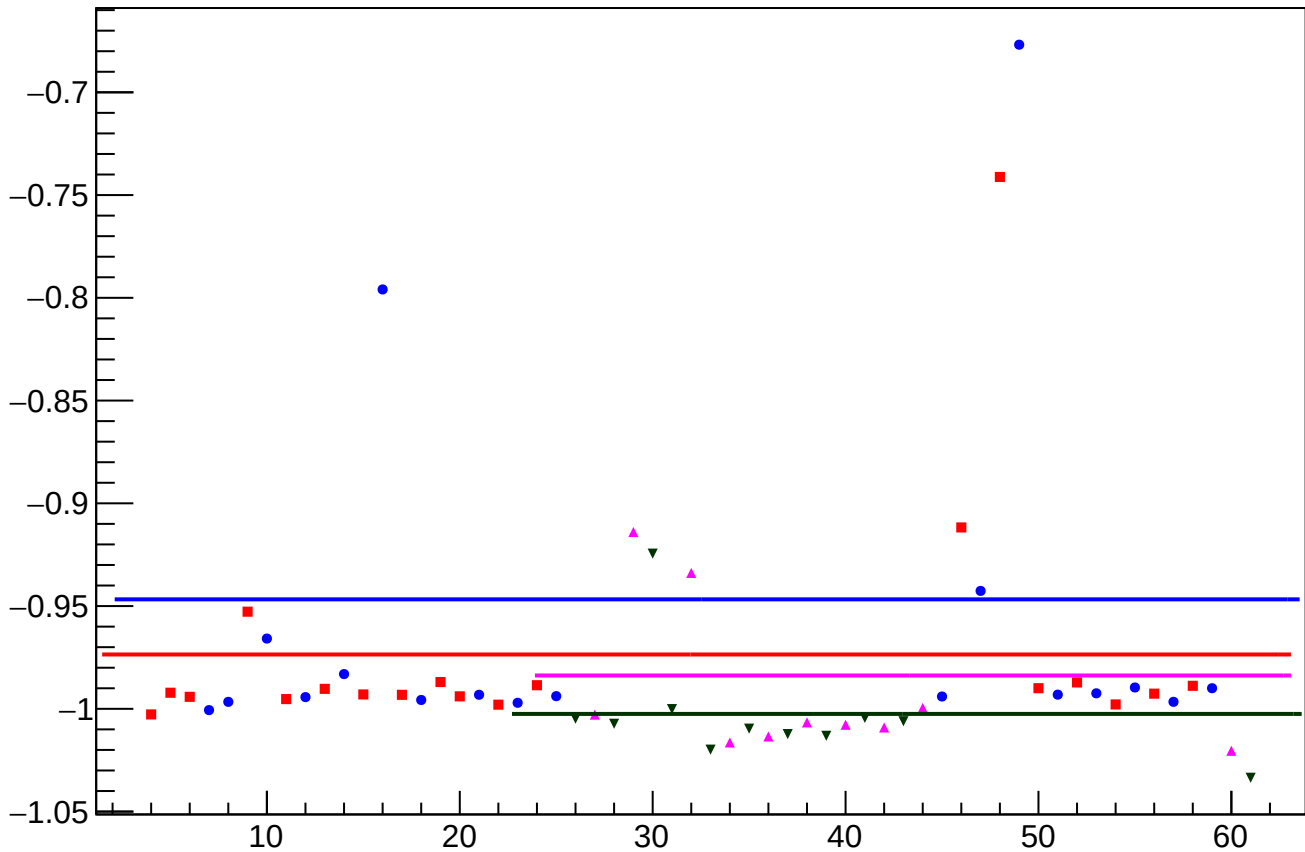
Right Out: 0.004+/-0.000 χ^2/NDF : 341340.8/18

Left In: 0.003+/-0.000 χ^2/NDF : 690933.5/9

0.004+/-0.000 χ^2/NDF : 1454340.5/28

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: -1.002+/-0.000 χ^2/NDF :23260918.5/10

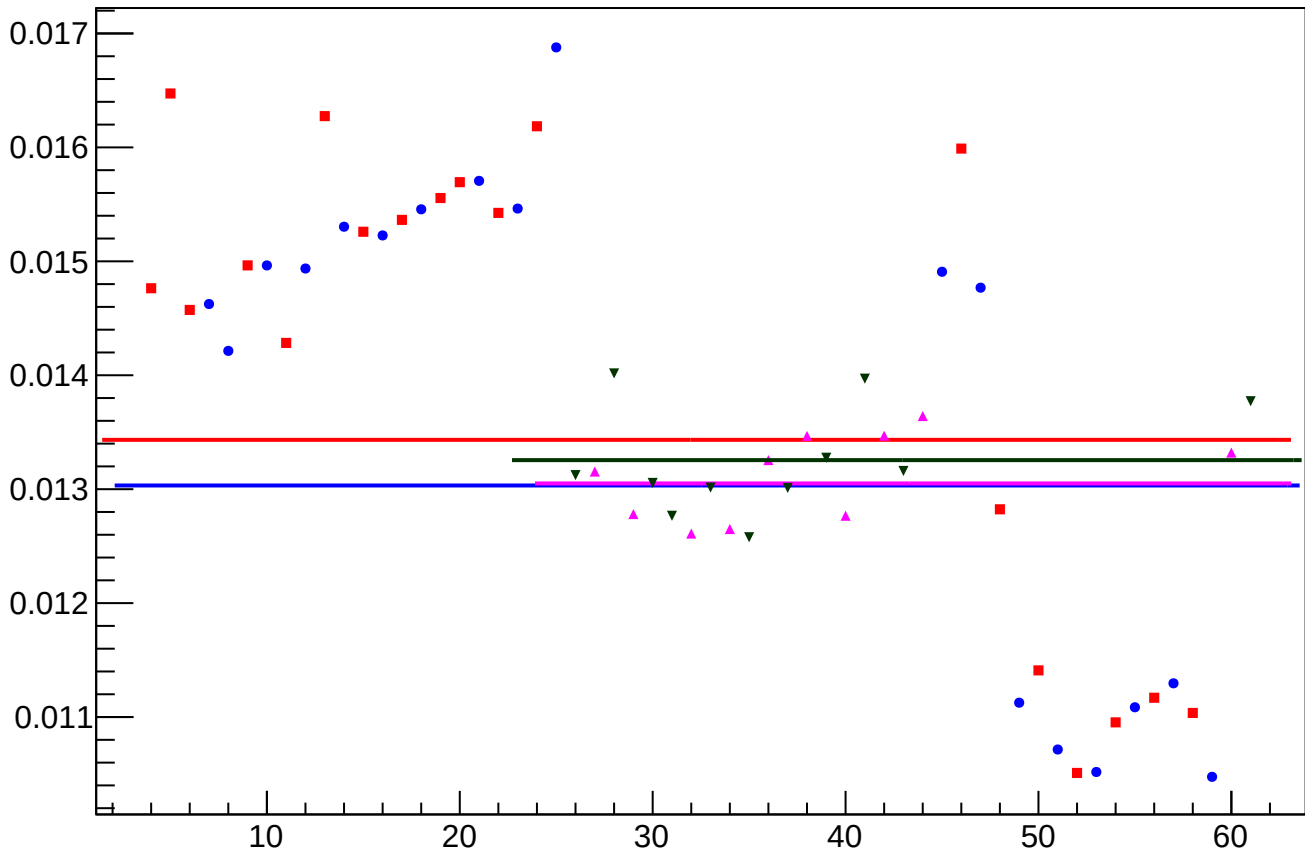
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.984+/-0.000 χ^2/NDF :55977880.8/9

-0.966+/-0.000 χ^2/NDF : 752214923.6/28

-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 : 13527.4/10

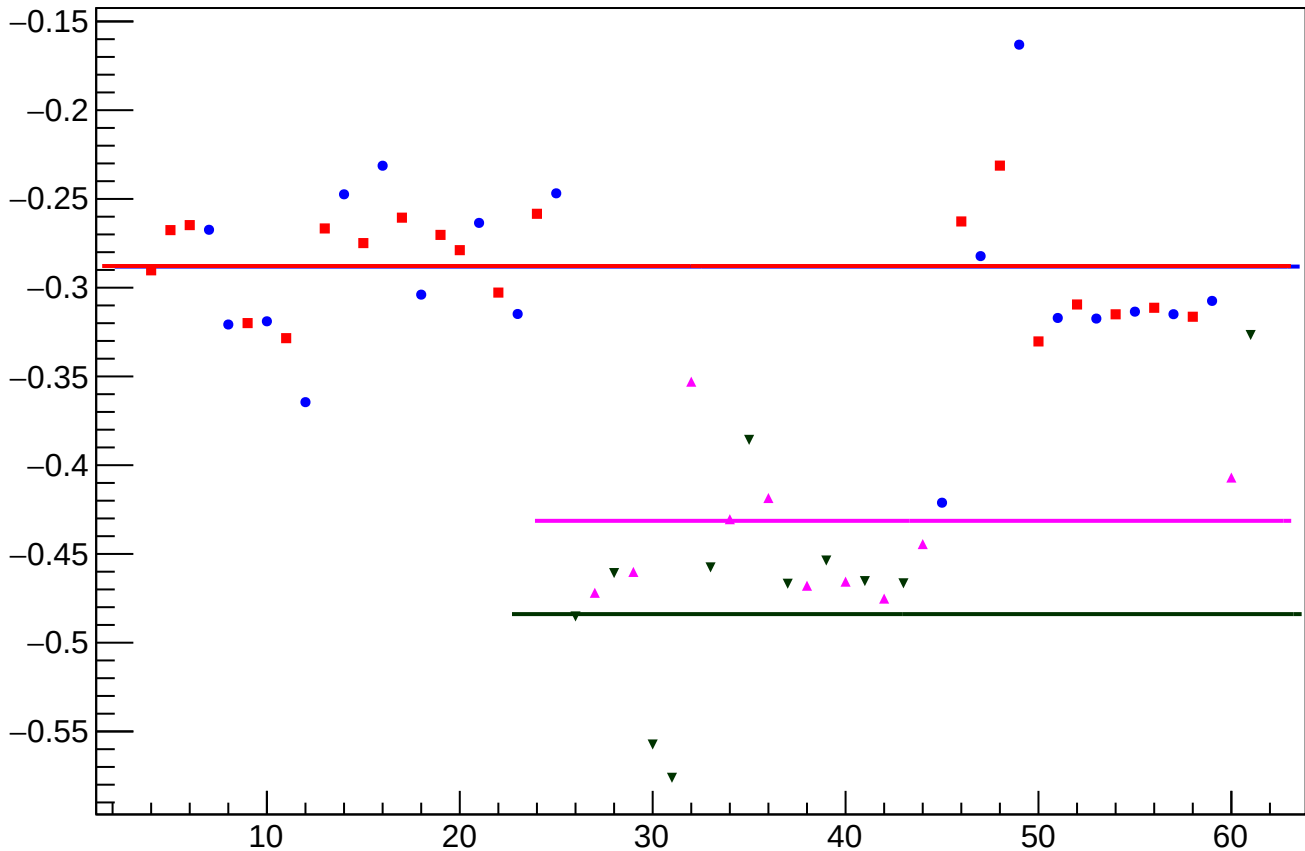
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF : 9032.4/9

0.013+/-0.000 χ^2/NDF : 603483.4/28

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: -0.484+/-0.000 χ^2/NDF : 2409094498.6/10

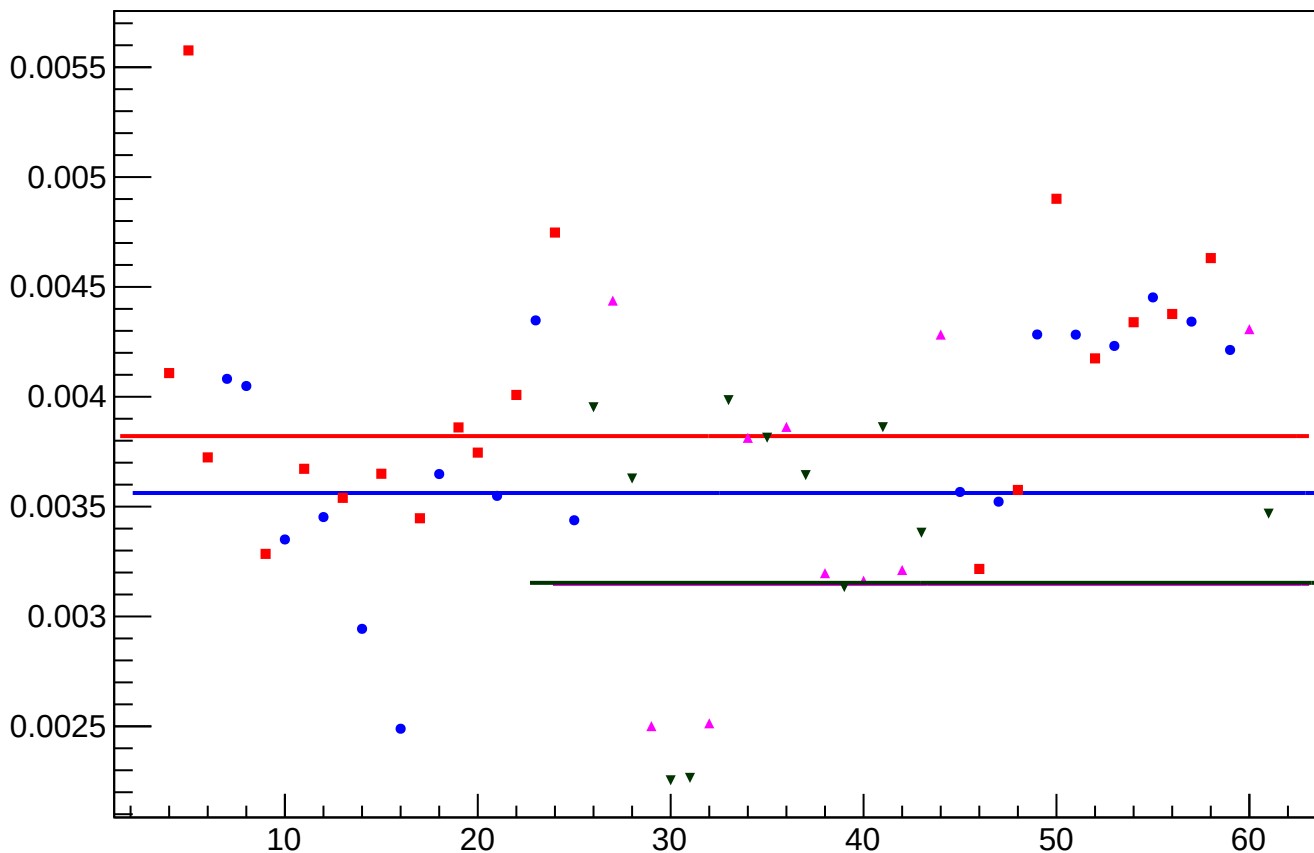
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.431+/-0.000 χ^2/NDF : 1202573836.8/9

-0.364+/-0.000 χ^2/NDF : 17166227253.9/28

-0.355+/-0.000 χ^2/NDF : 7775725212.5/28

yield_bpm0l10Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 588741.6/17

Left Out: 0.003+/-0.000 χ^2/NDF : 470680.6/10

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

Left In: 0.003+/-0.000 χ^2/NDF : 544472.3/9

0.003+/-0.000 χ^2/NDF : 1165485.8/28

0.004+/-0.000 χ^2/NDF : 1093182.3/28