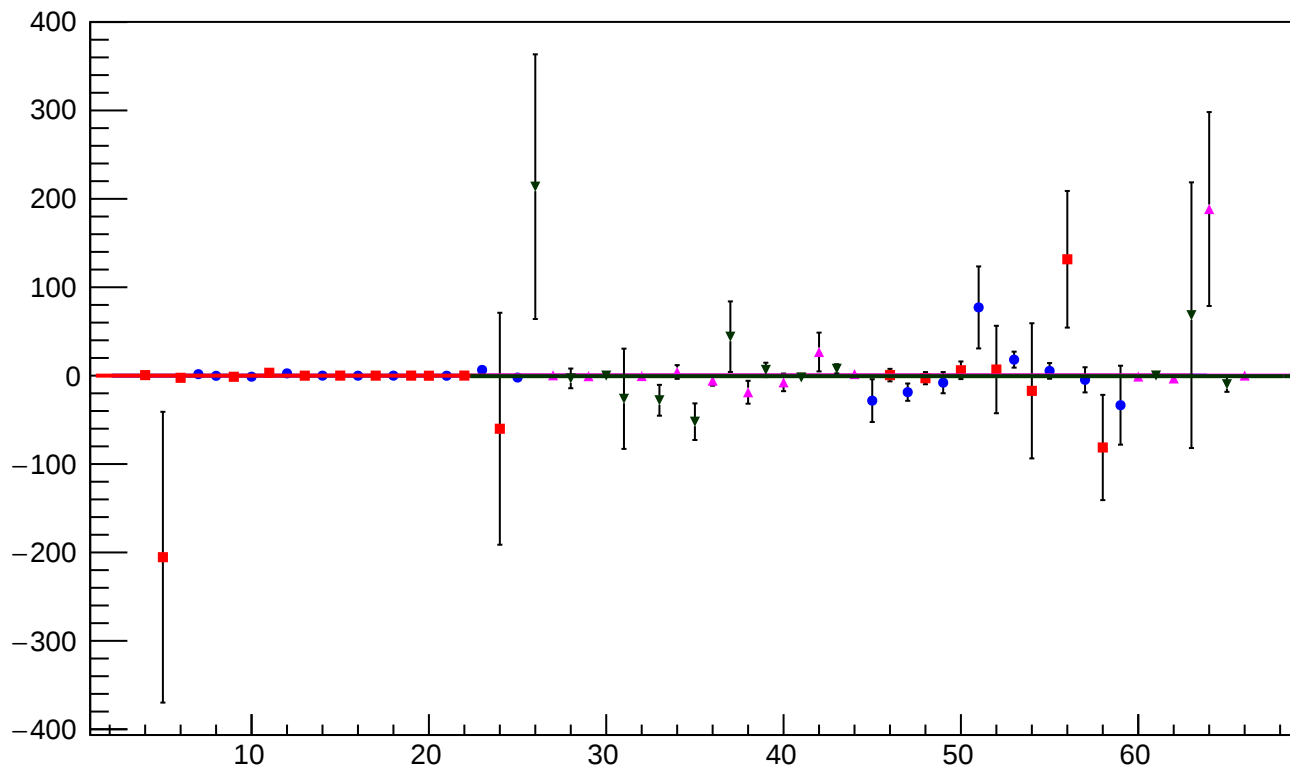


diff_cav4bX_mean vs slug



Right In: -0.014 $\pm$ 0.014

Left Out: -0.598 $\pm$ 1.241

Right Out: 0.017 $\pm$ 0.016

Left In: 0.069 $\pm$ 0.073

χ^2 /NDF: 31.2/17

χ^2 /NDF: 17.5/12

χ^2 /NDF: 24.7/18

χ^2 /NDF: 20.5/12

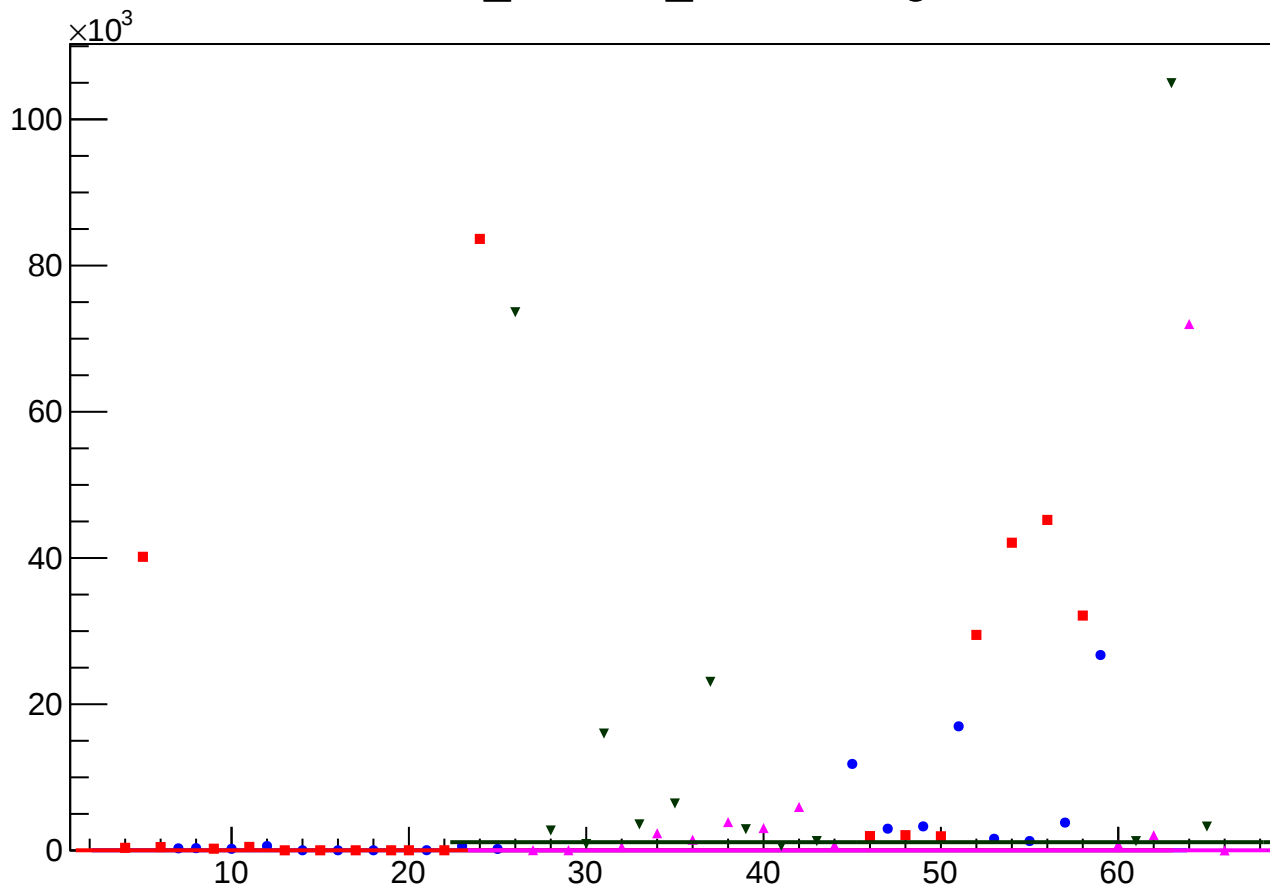
-0.014 $\pm$ 0.014

0.019 $\pm$ 0.016

χ^2 /NDF: 49.0/30

χ^2 /NDF: 45.7/31

diff_cav4bX_rms vs slug



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

Left Out: 1129.953+/-0.877 χ^2/NDF : 2752288.0/12

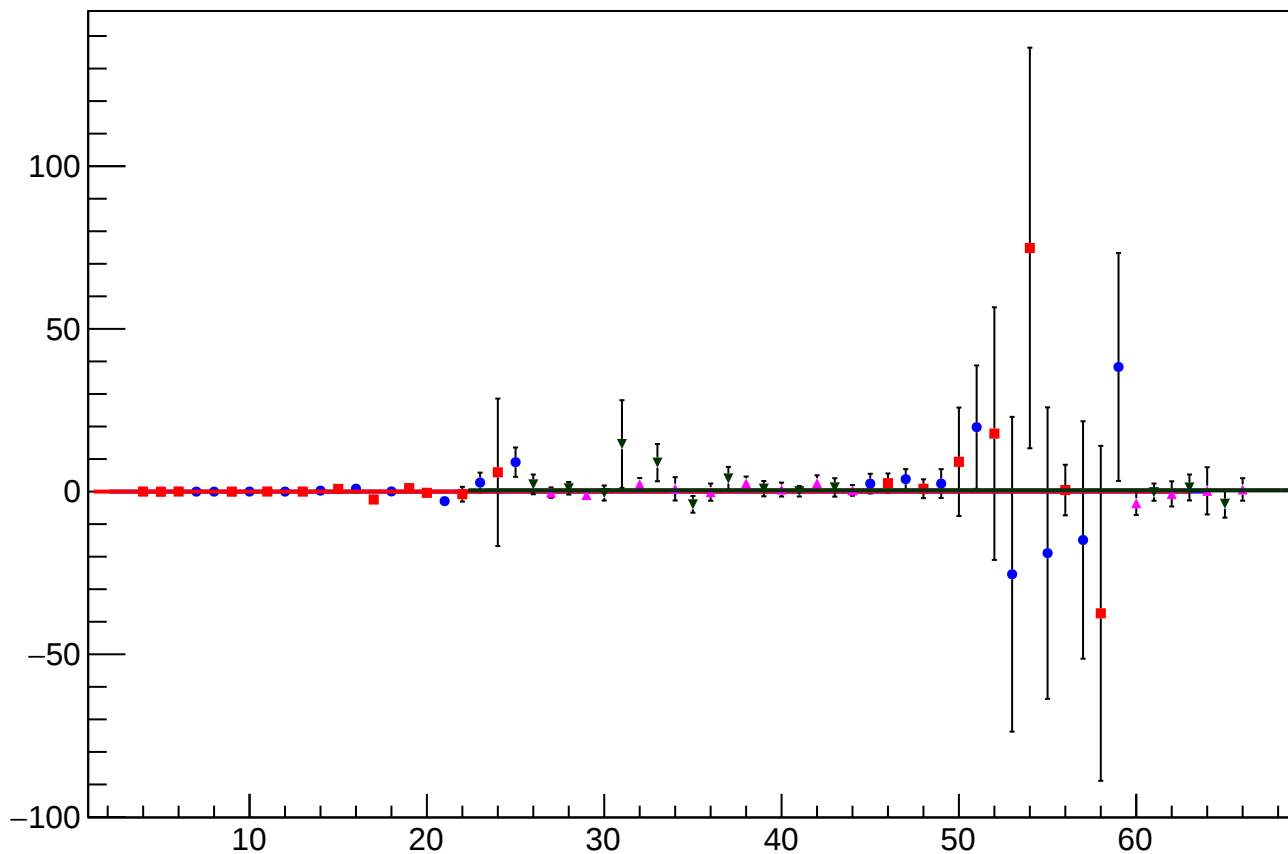
Right Out: 22.611+/-0.011 χ^2/NDF : 4395534.2/18

Left In: 23.009+/-0.052 χ^2/NDF : 3510910.6/12

22.577+/-0.010 χ^2/NDF : 7150095.6/30

22.630+/-0.011 χ^2/NDF : 7906501.4/31

diff_cav4bY_mean vs slug



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

Left Out: 0.405 ± 0.750 χ^2/NDF : 9.0/12

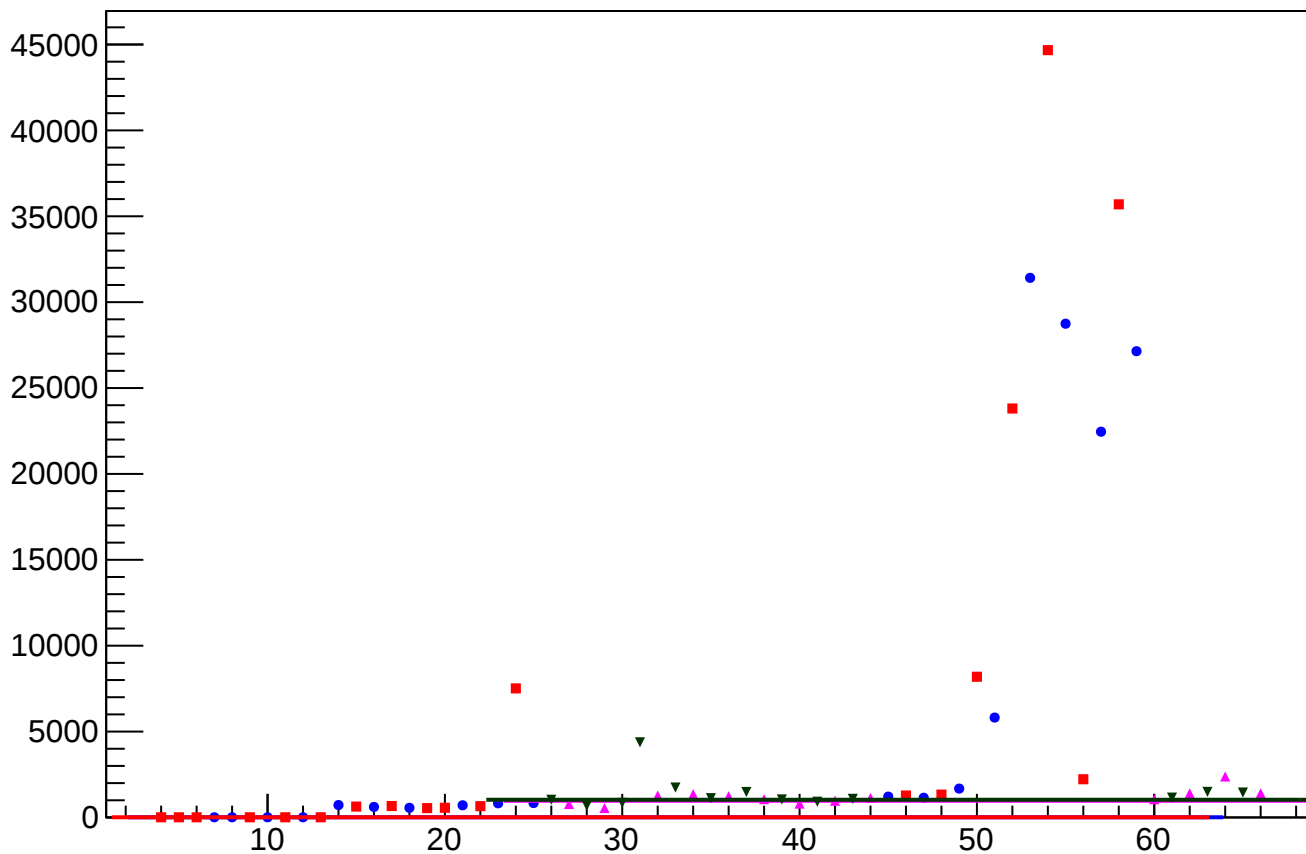
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.395 ± 0.610 χ^2/NDF : 5.6/12

-0.001 ± 0.006 χ^2/NDF : 32.9/30

0.002 ± 0.005 χ^2/NDF : 26.3/31

diff_cav4bY_rms vs slug



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

Left Out: 1030.590+/-0.530 χ^2/NDF : 326419.4/12

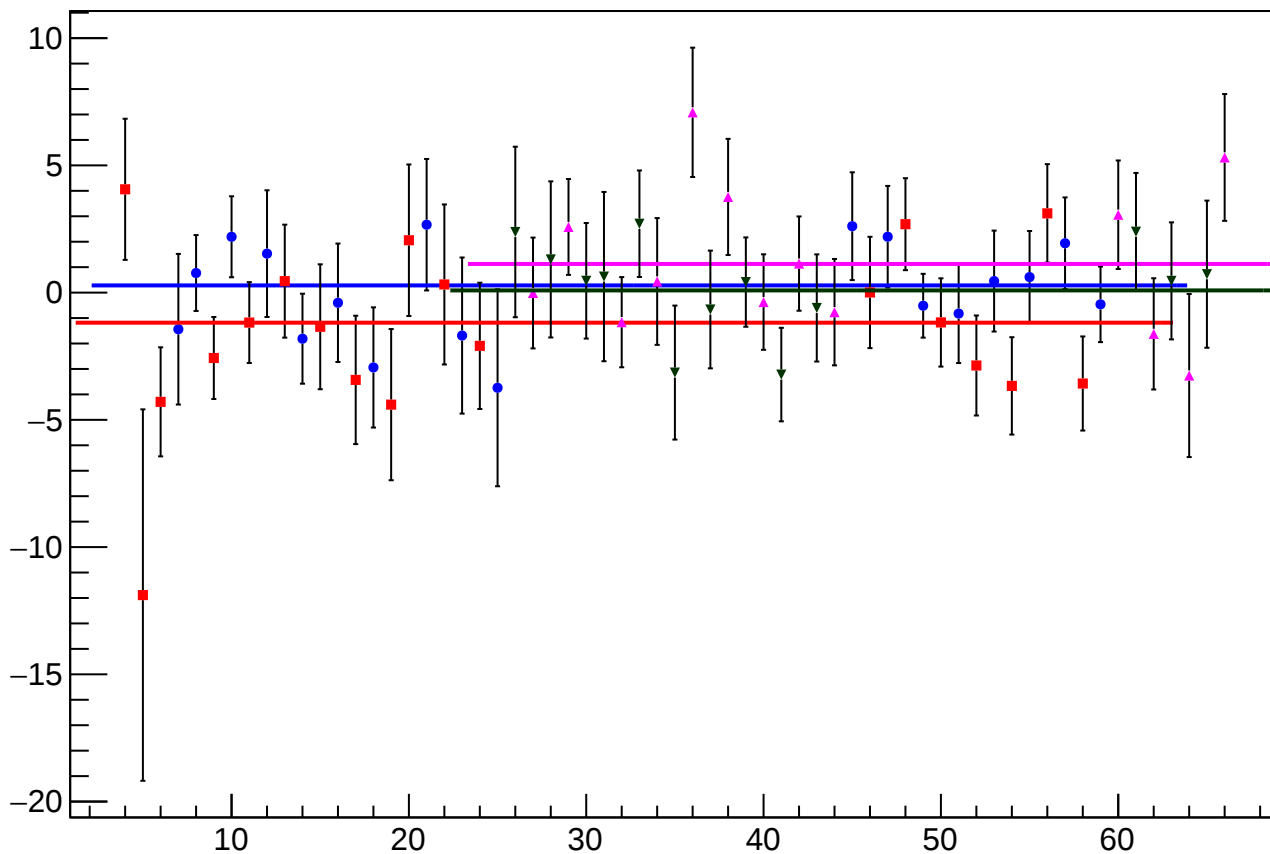
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 970.346+/-0.432 χ^2/NDF : 491742.0/12

10.584+/-0.005 χ^2/NDF : 12988003.8/30

10.163+/-0.004 χ^2/NDF : 12192169.8/31

diff_cav4cX_mean vs slug



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

Left Out: 0.087 ± 0.648 χ^2/NDF : 8.3/12

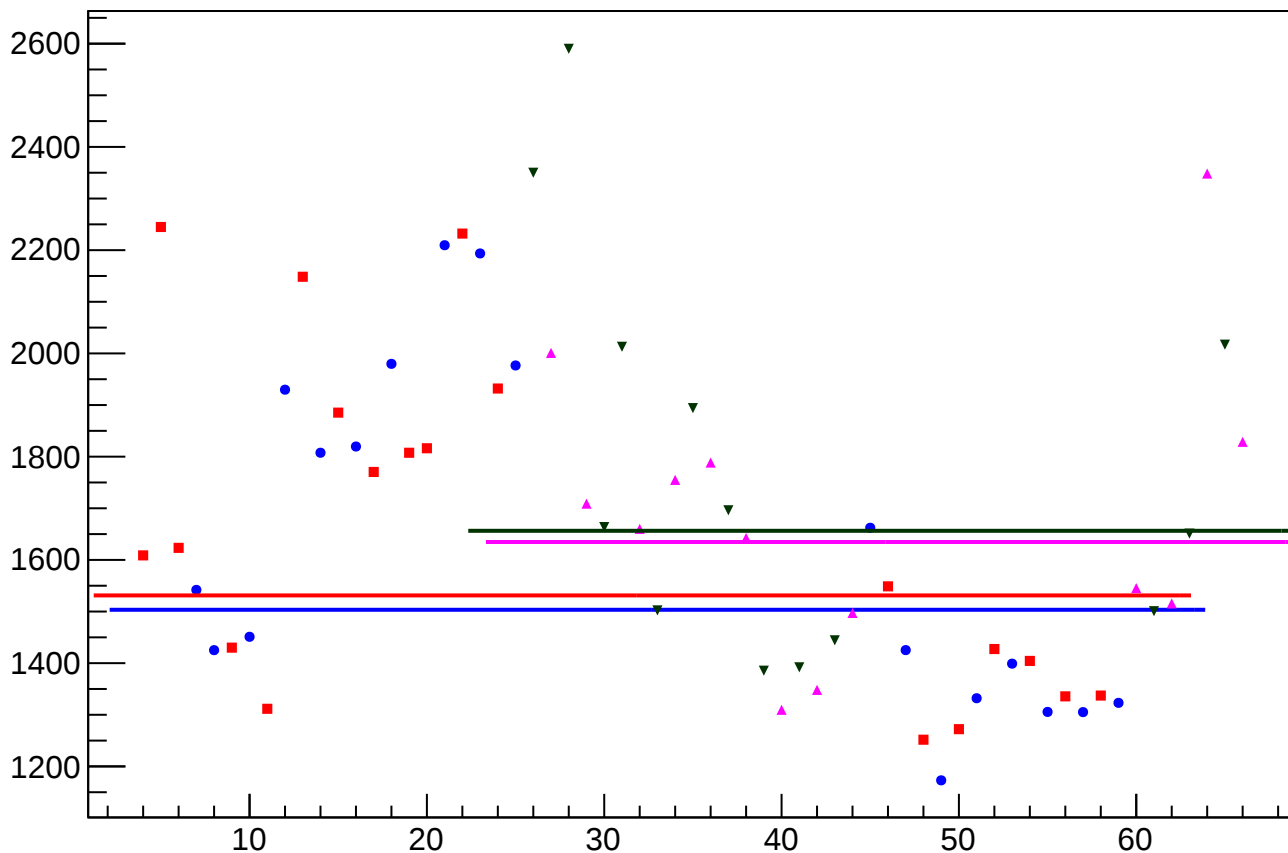
Right Out: -1.182 ± 0.494 χ^2/NDF : 26.5/18

Left In: 1.126 ± 0.596 χ^2/NDF : 18.0/12

0.218 ± 0.373 χ^2/NDF : 20.2/30

-0.244 ± 0.380 χ^2/NDF : 53.4/31

diff_cav4cX_rms vs slug



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

Left Out: 1656.386+/-0.458 χ^2/NDF : 471360.8/12

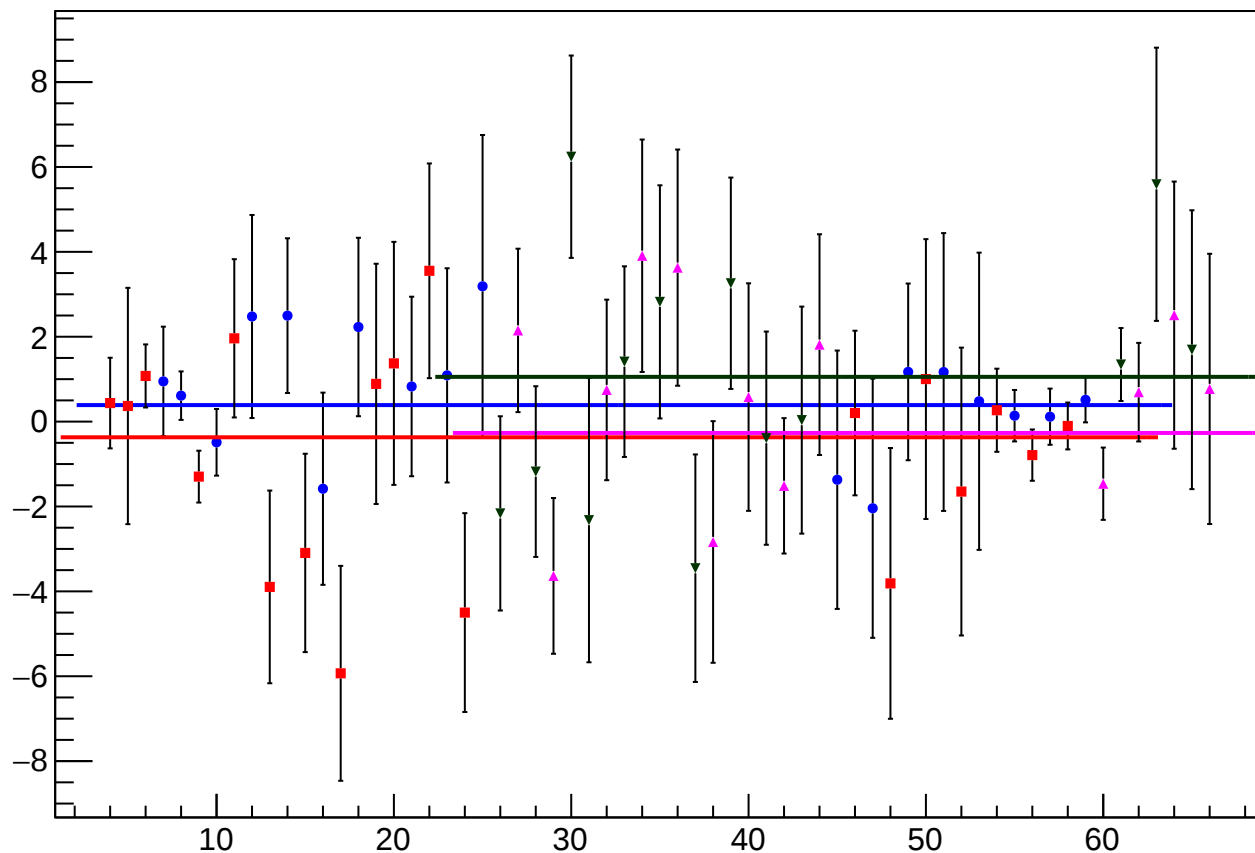
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1634.698+/-0.422 χ^2/NDF : 309357.5/12

1553.980+/-0.263 χ^2/NDF : 1322751.6/30

1573.282+/-0.269 χ^2/NDF : 966401.0/31

diff_cav4cY_mean vs slug



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

Left Out: 1.054 ± 0.561 χ^2/NDF : 15.6/12

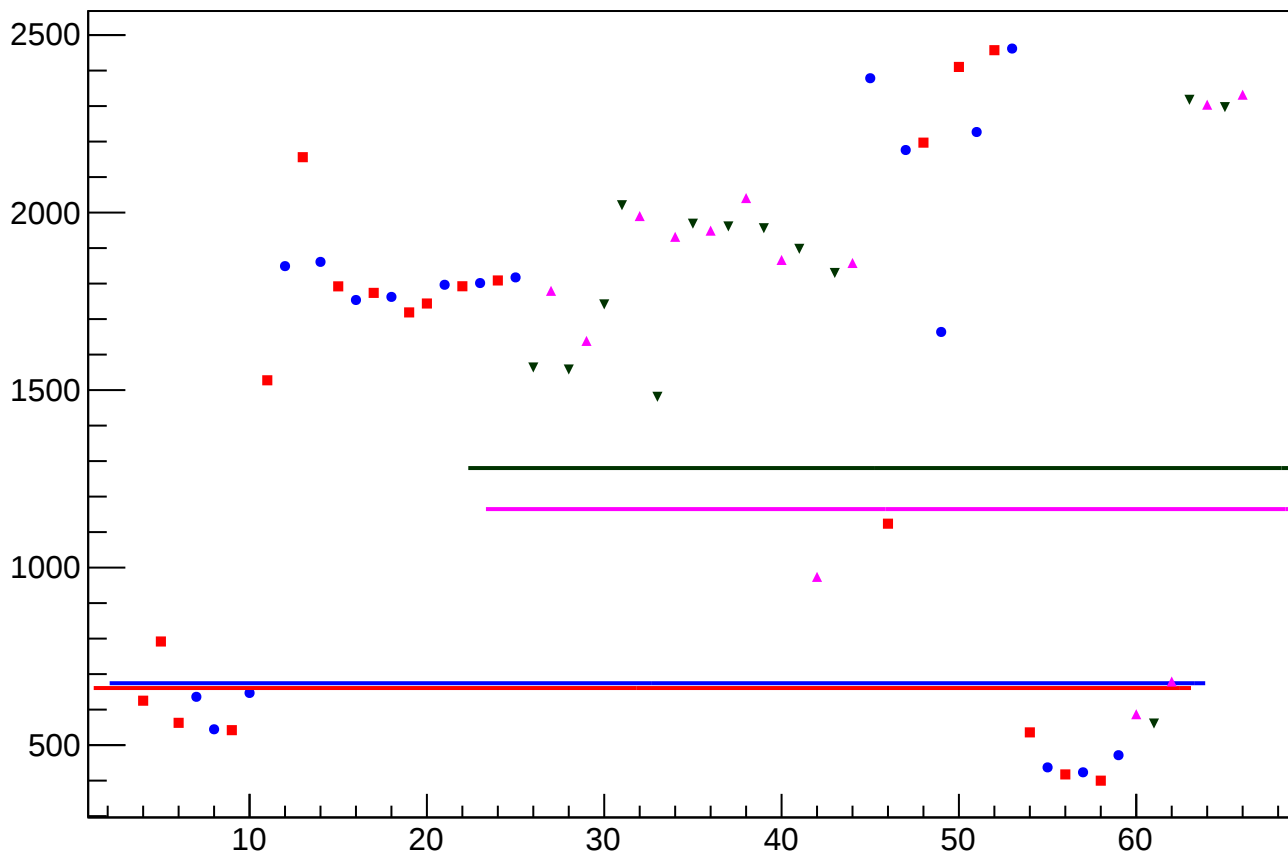
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.267 ± 0.490 χ^2/NDF : 15.2/12

0.500 ± 0.230 χ^2/NDF : 24.3/30

-0.346 ± 0.231 χ^2/NDF : 40.9/31

diff_cav4cY_rms vs slug



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

Left Out: 1280.397+/-0.397 χ^2/NDF :2664356.2/12

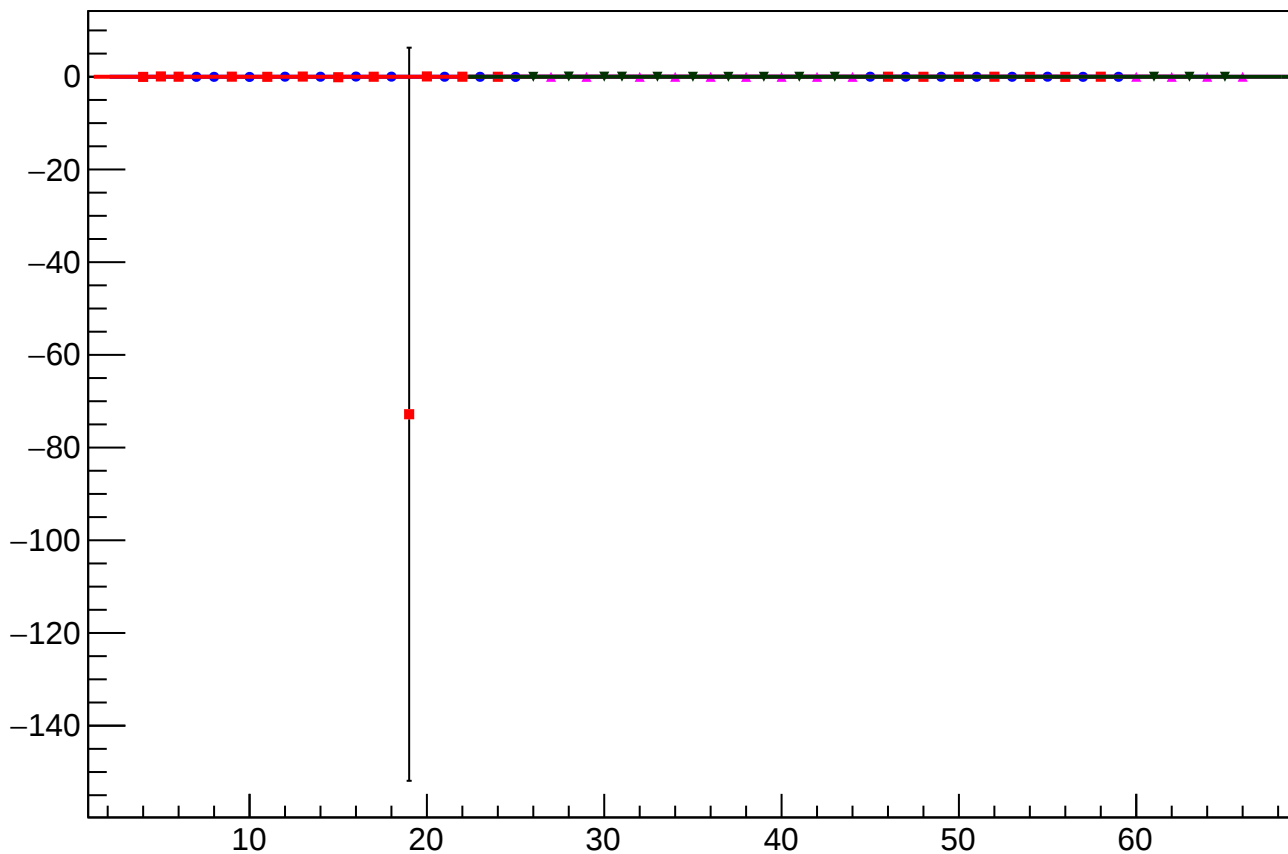
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1164.797+/-0.346 χ^2/NDF :3251619.1/12

775.666+/-0.162 χ^2/NDF : 11619799.8/30

773.345+/-0.164 χ^2/NDF : 11120868.4/31

diff_cav4dX_mean vs slug



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

Left Out: 0.001 ± 0.004 χ^2/NDF : 8.9/12

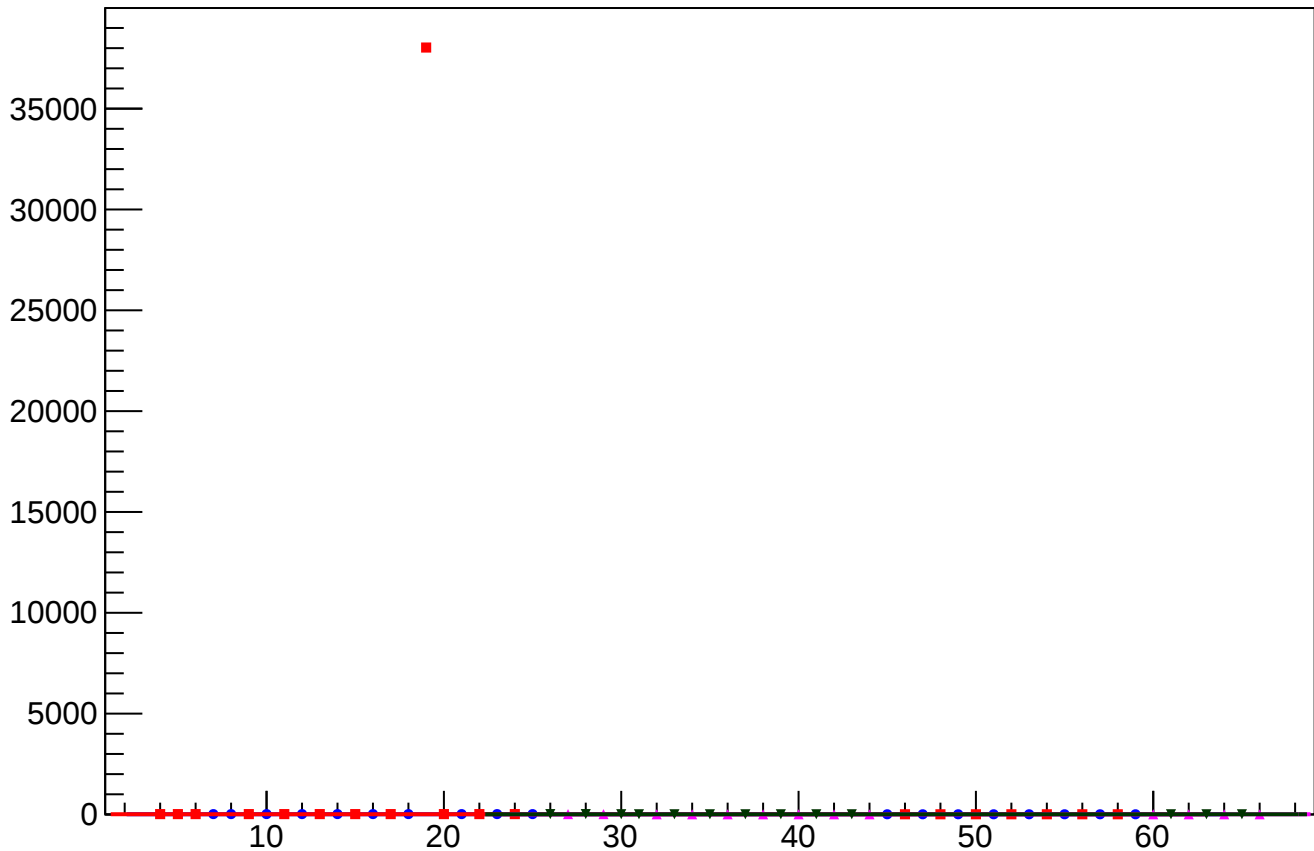
Right Out: 0.002 ± 0.004 χ^2/NDF : 20.0/18

Left In: 0.001 ± 0.003 χ^2/NDF : 5.6/12

0.000 ± 0.003 χ^2/NDF : 20.9/30

0.001 ± 0.003 χ^2/NDF : 25.6/31

diff_cav4dX_rms vs slug



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

Left Out: 9.174 $\pm$ 0.003 χ^2 /NDF: 604731.0/12

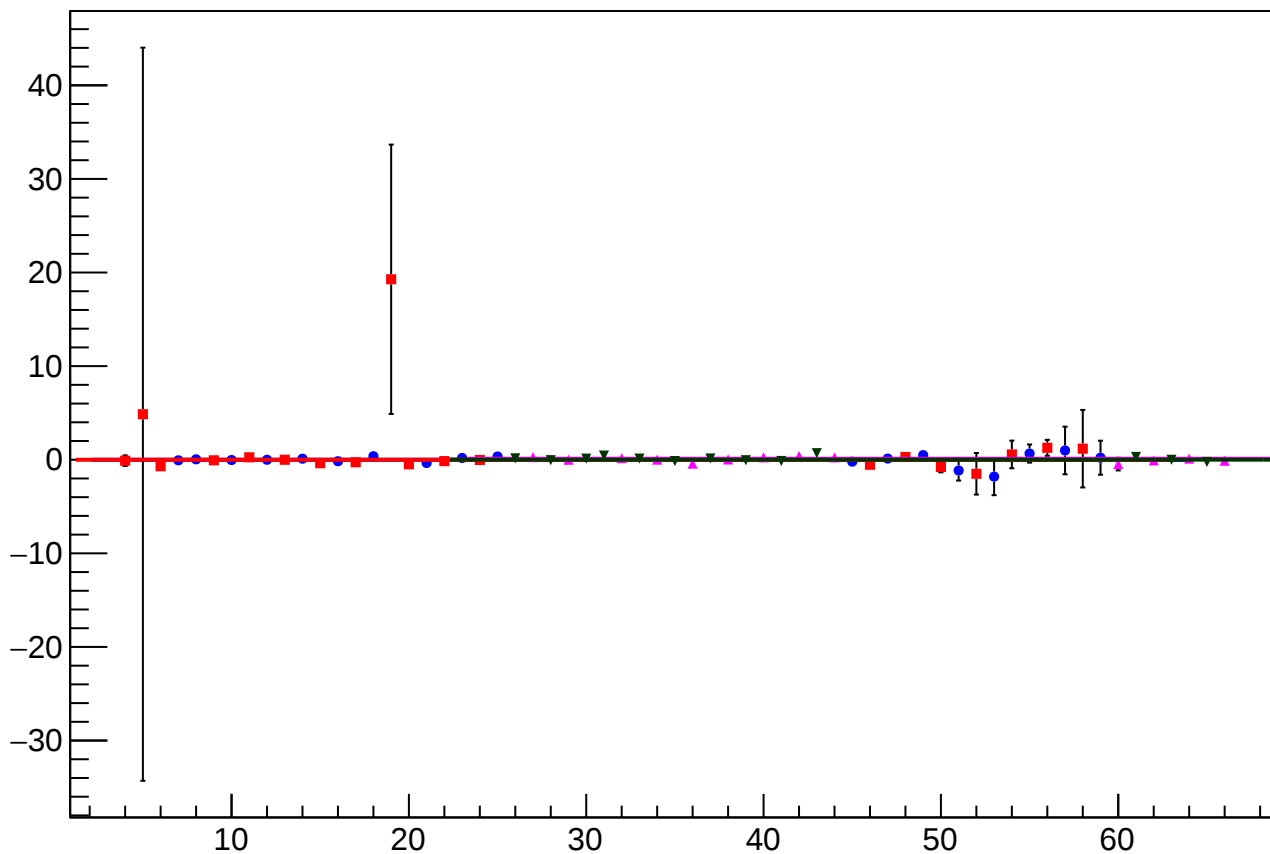
9.891 $\pm$ 0.002 χ^2 /NDF: 2709417.0/30

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

9.944 $\pm$ 0.002 χ^2 /NDF: 3295124.6/31

Left In: 9.148 $\pm$ 0.002 χ^2 /NDF: 772556.3/12

diff_cav4dY_mean vs slug



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

Left Out: 0.009+/-0.050 χ^2/NDF :18.7/12

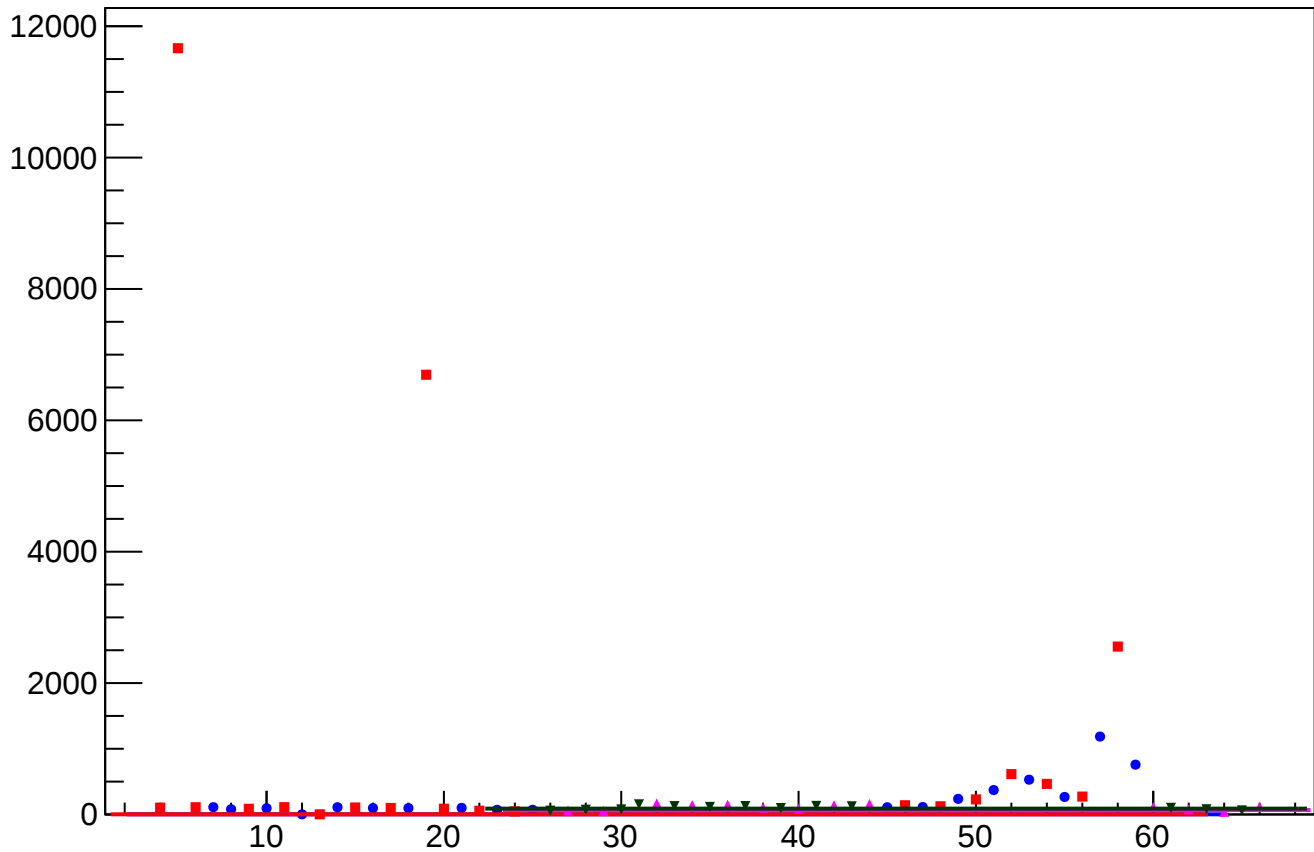
Right Out: -0.003+/-0.003 χ^2/NDF : 21.1/18

Left In: 0.108+/-0.039 χ^2/NDF :12.2/12

-0.003+/-0.003 χ^2/NDF : 39.6/30

-0.002+/-0.003 χ^2/NDF : 41.3/31

diff_cav4dY_rms vs slug



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

Left Out: 88.664+/-0.035 χ^2/NDF : 590403.3/12

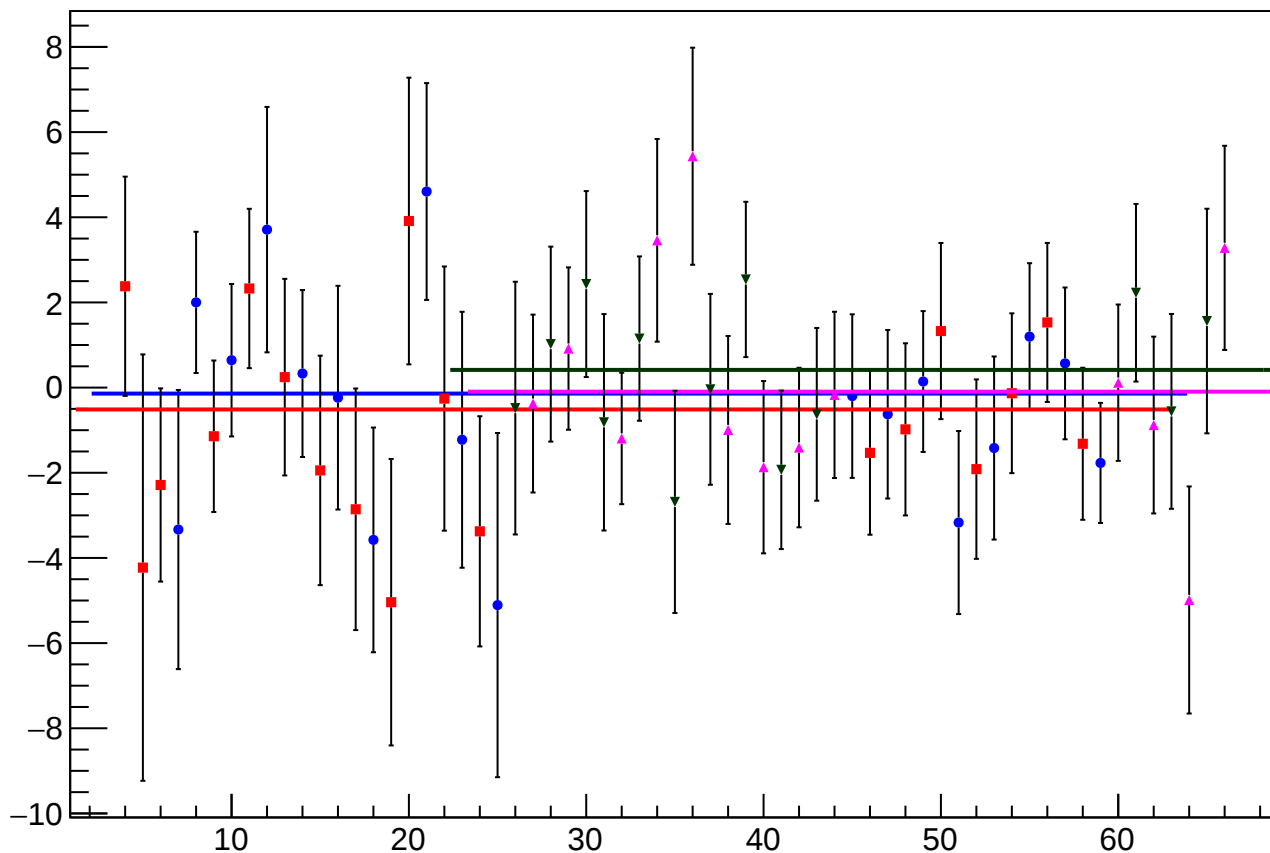
2.545+/-0.002 χ^2/NDF : 15781549.2/30

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

2.488+/-0.002 χ^2/NDF : 13953804.2/31

Left In: 66.945+/-0.028 χ^2/NDF : 1746338.2/12

diff_bpm4aX_mean vs slug



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

Left Out: 0.416 ± 0.611 $\chi^2/\text{NDF}: 7.2/12$

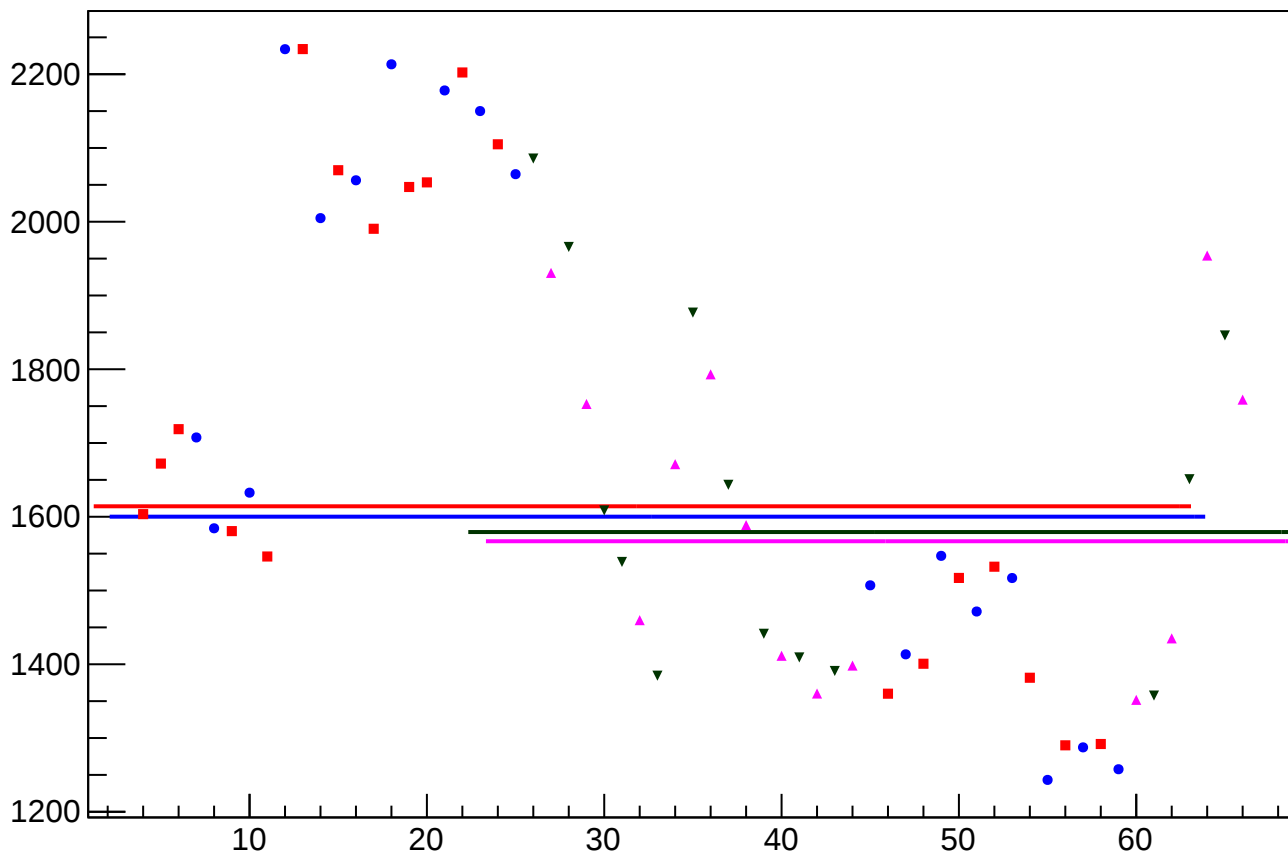
Right Out: -0.513 ± 0.519 $\chi^2/\text{NDF}: 13.6/18$

Left In: -0.096 ± 0.568 $\chi^2/\text{NDF}: 14.7/12$

0.075 ± 0.380 $\chi^2/\text{NDF}: 23.7/30$

-0.323 ± 0.383 $\chi^2/\text{NDF}: 28.6/31$

diff_bpm4aX_rms vs slug



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

Left Out: 1579.280 $\pm$ 0.432 χ^2 /NDF: 254546.9/12

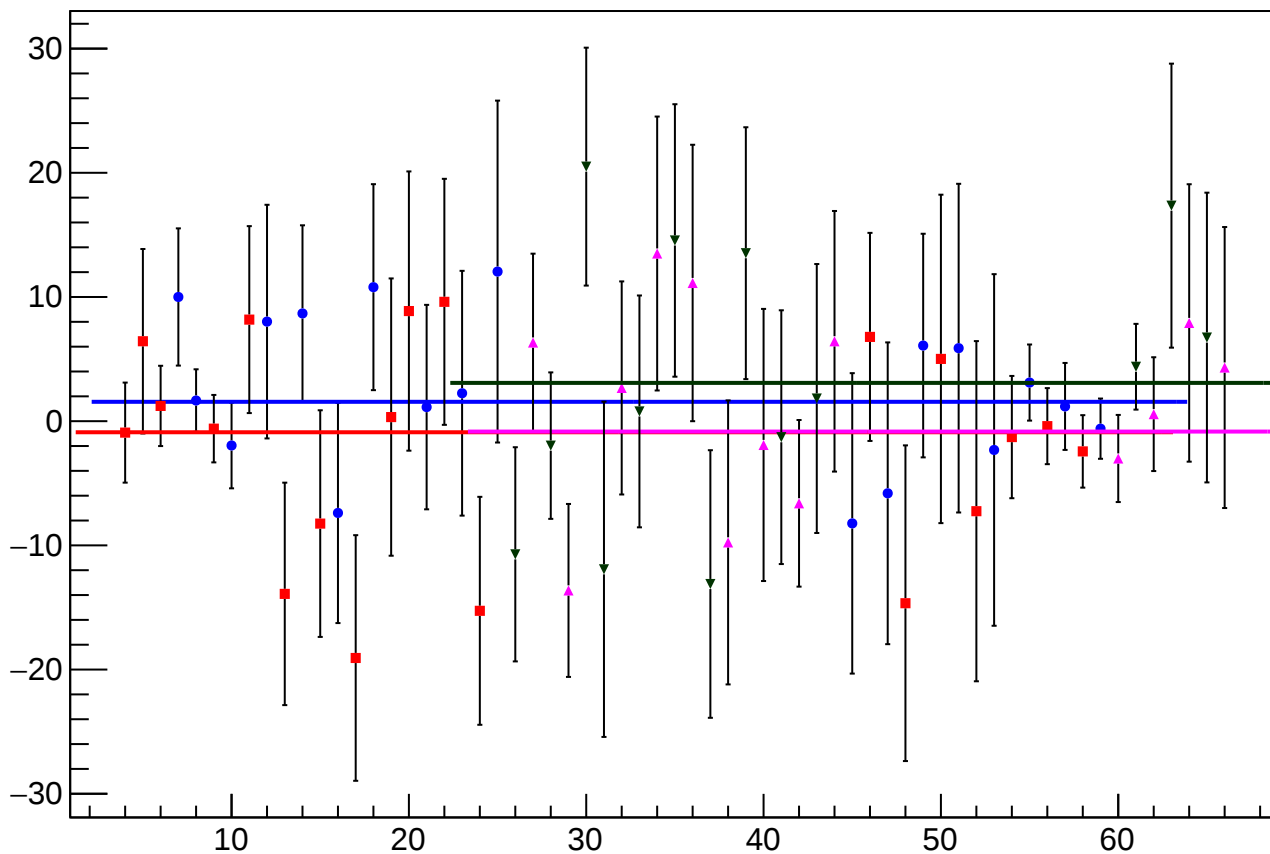
Right Out: 1614.182 $\pm$ 0.367 χ^2 /NDF: 670373.5/18

Left In: 1566.796 $\pm$ 0.402 χ^2 /NDF: 250726.8/12

1592.046 $\pm$ 0.269 χ^2 /NDF: 1105727.4/30

1592.638 $\pm$ 0.271 χ^2 /NDF: 928681.0/31

diff_bpm4aY_mean vs slug



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

Left Out: 3.083 ± 2.163 $\chi^2/\text{NDF}: 14.3/12$

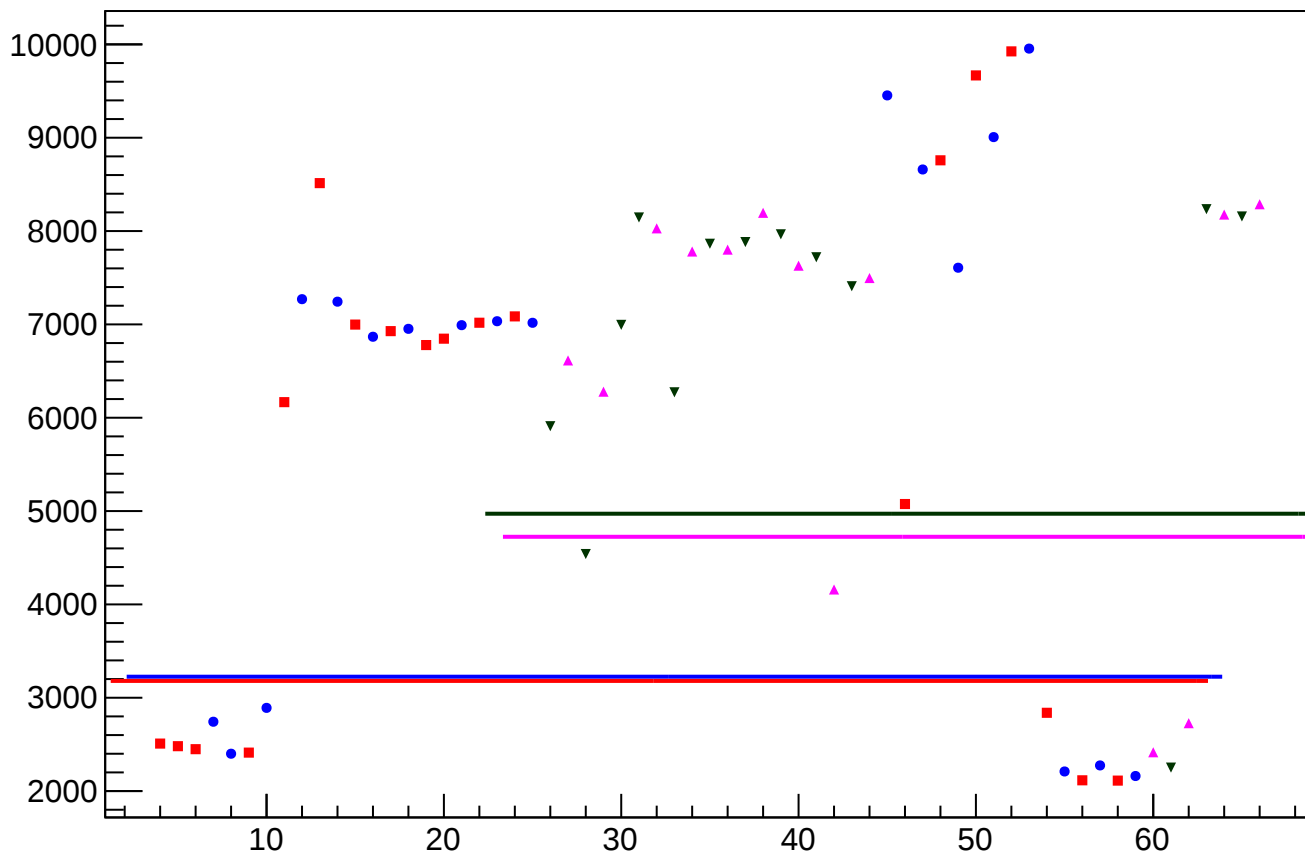
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: -0.837 ± 1.954 $\chi^2/\text{NDF}: 10.5/12$

1.895 ± 1.014 $\chi^2/\text{NDF}: 24.9/30$

-0.877 ± 1.020 $\chi^2/\text{NDF}: 26.6/31$

diff_bpm4aY_rms vs slug



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

Left Out: 4971.580+/-1.529 χ^2/NDF : 2532267.6/12

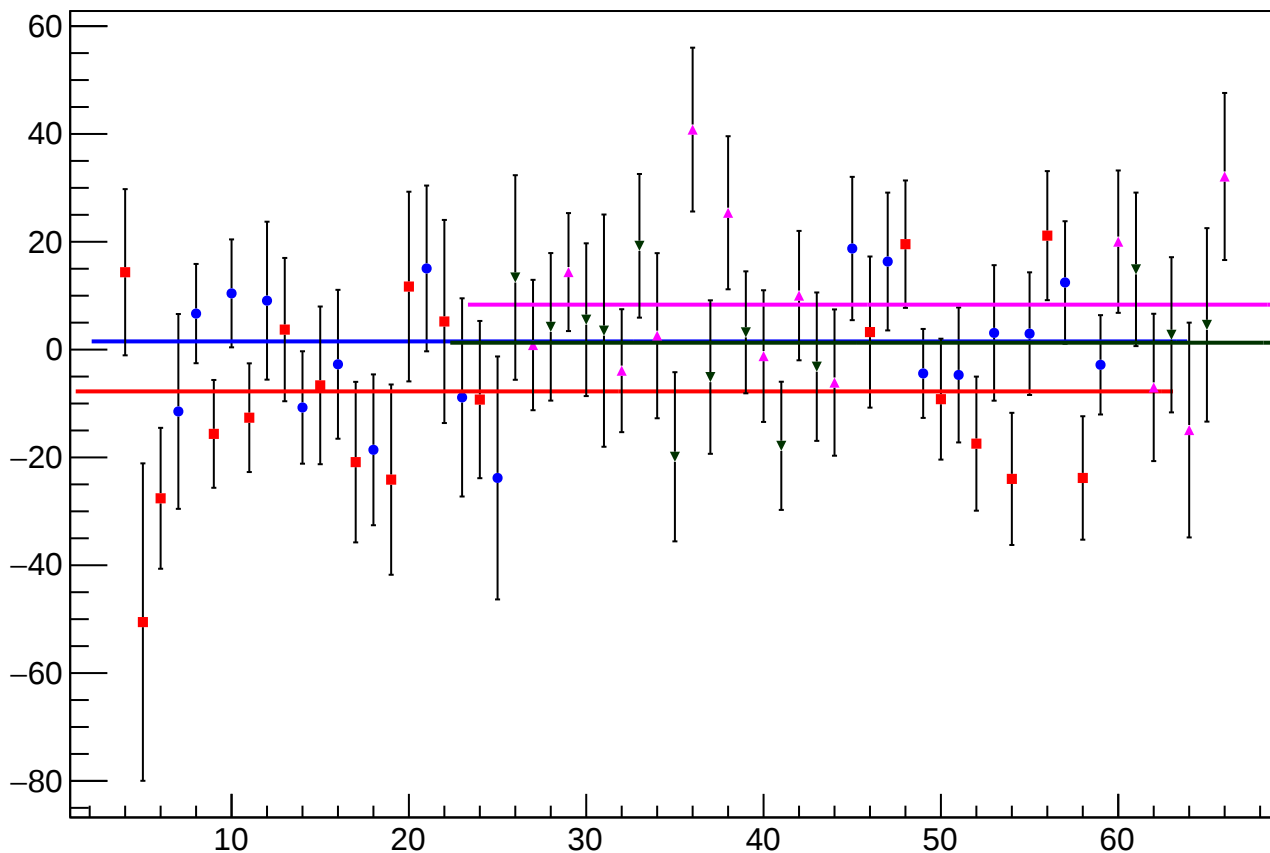
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4724.466+/-1.381 χ^2/NDF : 2956551.5/12

3609.336+/-0.717 χ^2/NDF : 9410011.7/30

3601.611+/-0.722 χ^2/NDF : 8918734.1/31

diff_bpm4eX_mean vs slug



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

Left Out: 1.279 ± 3.987 $\chi^2/\text{NDF}: 8.1/12$

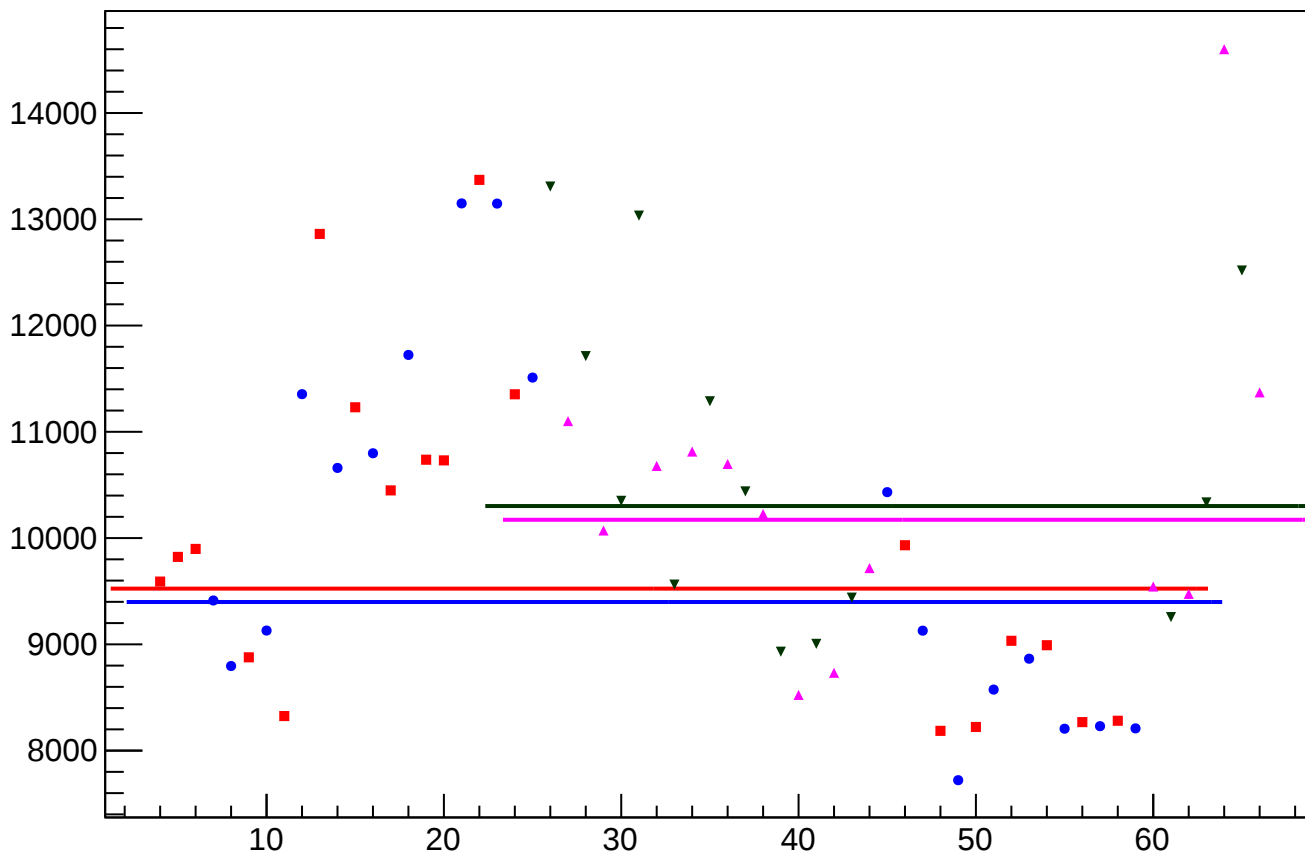
Right Out: -7.752 ± 3.046 $\chi^2/\text{NDF}: 27.5/18$

Left In: 8.338 ± 3.694 $\chi^2/\text{NDF}: 15.5/12$

1.440 ± 2.309 $\chi^2/\text{NDF}: 20.8/30$

-1.240 ± 2.350 $\chi^2/\text{NDF}: 54.4/31$

diff_bpm4eX_rms vs slug



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

Left Out: 10301.468 $\pm$ 2.819 χ^2 /NDF: 220241.1/12

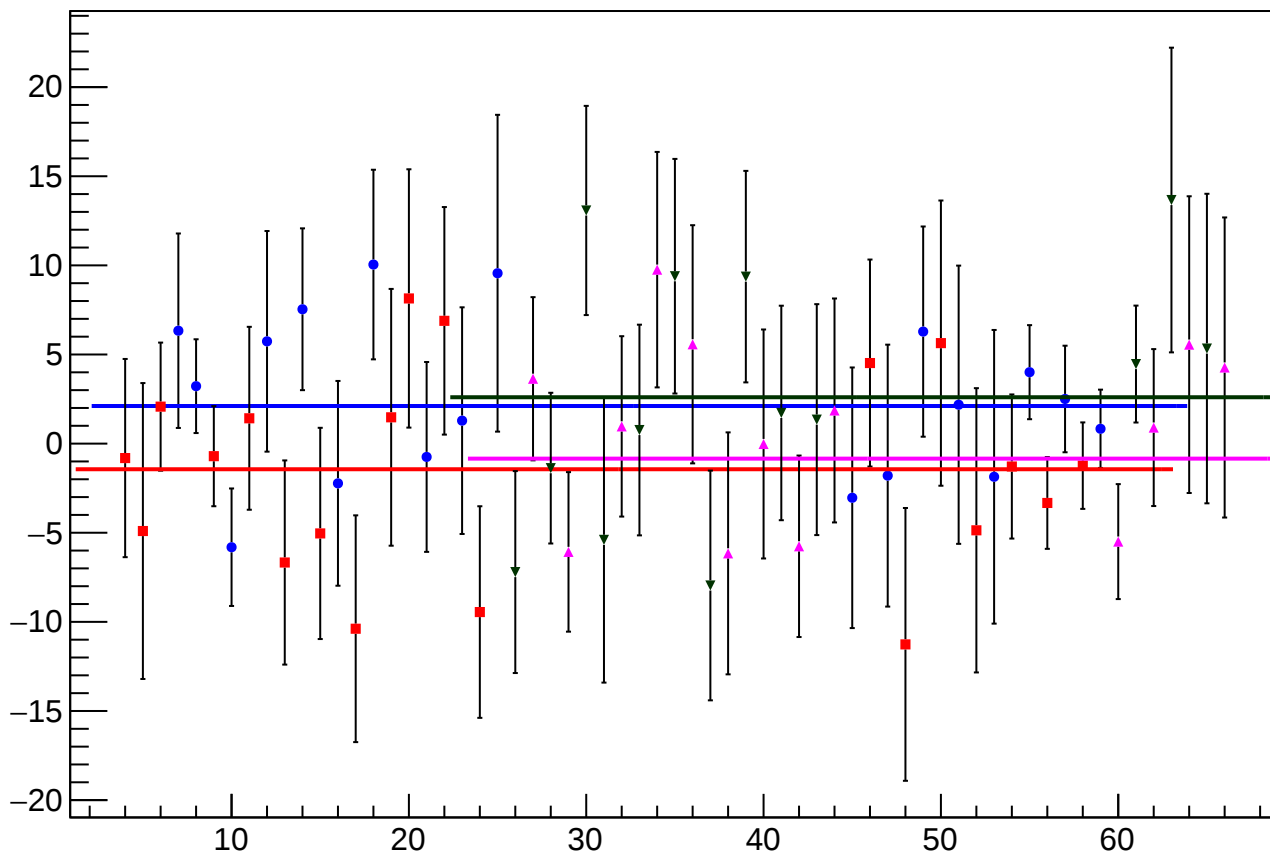
Right Out: 9524.317 $\pm$ 2.154 χ^2 /NDF: 440161.2/18

Left In: 10172.139 $\pm$ 2.612 χ^2 /NDF: 209833.5/12

9701.308 $\pm$ 1.633 χ^2 /NDF: 843320.9/30

9786.510 $\pm$ 1.662 χ^2 /NDF: 686617.7/31

diff_bpm4eY_mean vs slug



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

Left Out: 2.602 $\pm$ 1.567 χ^2 /NDF:15.4/12

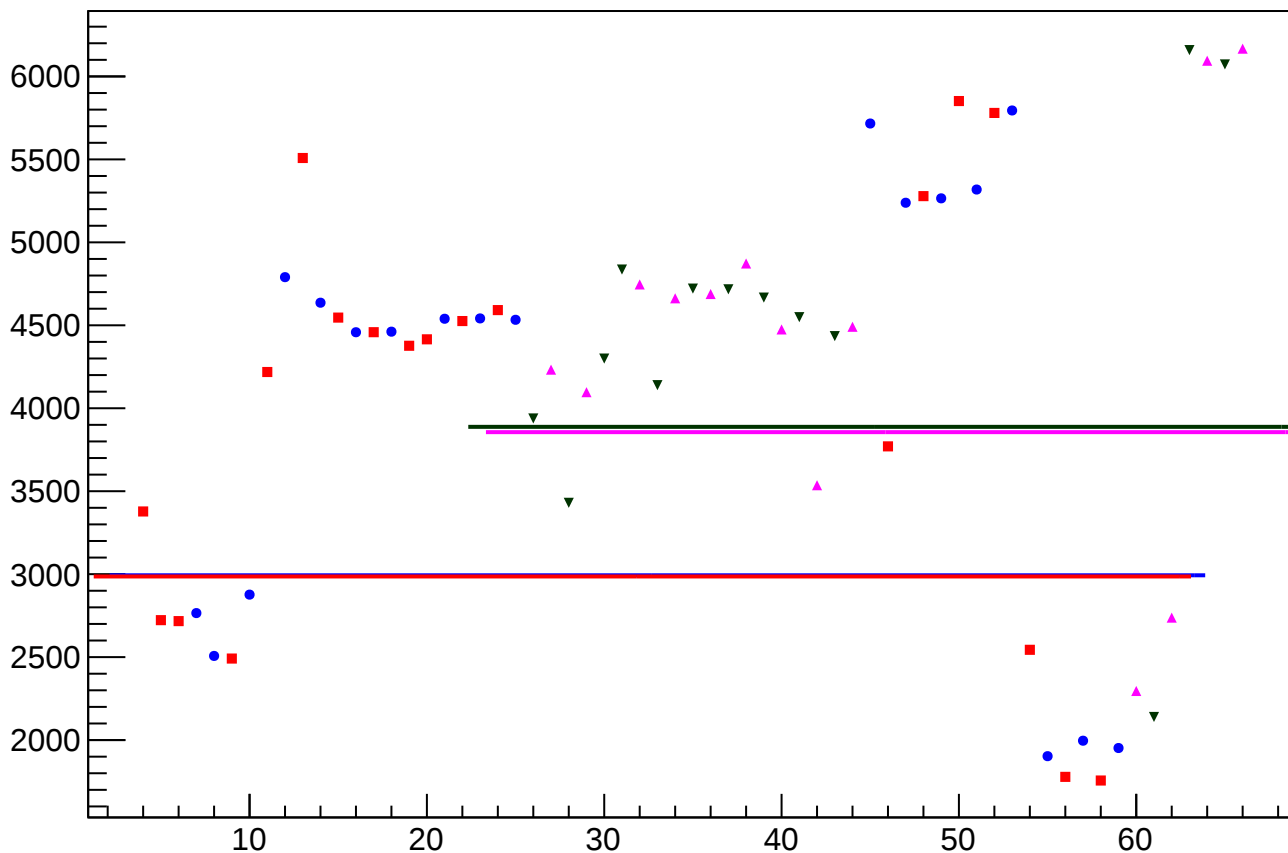
2.248 $\pm$ 0.830 χ^2 /NDF: 30.0/30

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

-1.238 $\pm$ 0.847 χ^2 /NDF: 25.4/31

Left In: -0.842 $\pm$ 1.461 χ^2 /NDF:10.9/12

diff_bpm4eY_rms vs slug



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

Left Out: 3887.973 $\pm$ 1.108 χ^2 /NDF:1039455.4/12

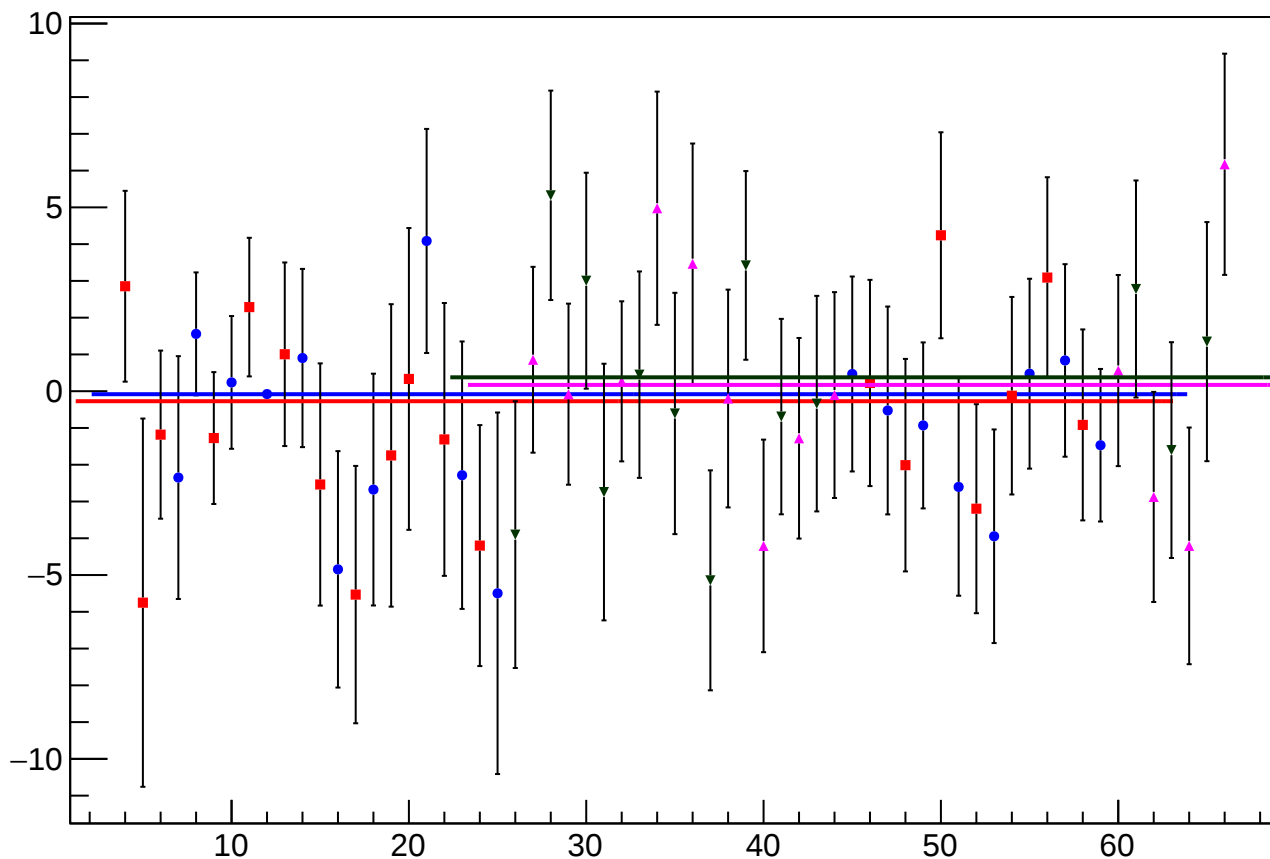
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 3855.986 $\pm$ 1.033 χ^2 /NDF:1126419.4/12

3244.491 $\pm$ 0.587 χ^2 /NDF: 4826610.0/30

3278.637 $\pm$ 0.599 χ^2 /NDF: 4542335.6/31

diff_bpm4acX_mean vs slug



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

Left Out: 0.378 ± 0.826 χ^2/NDF : 12.3/12

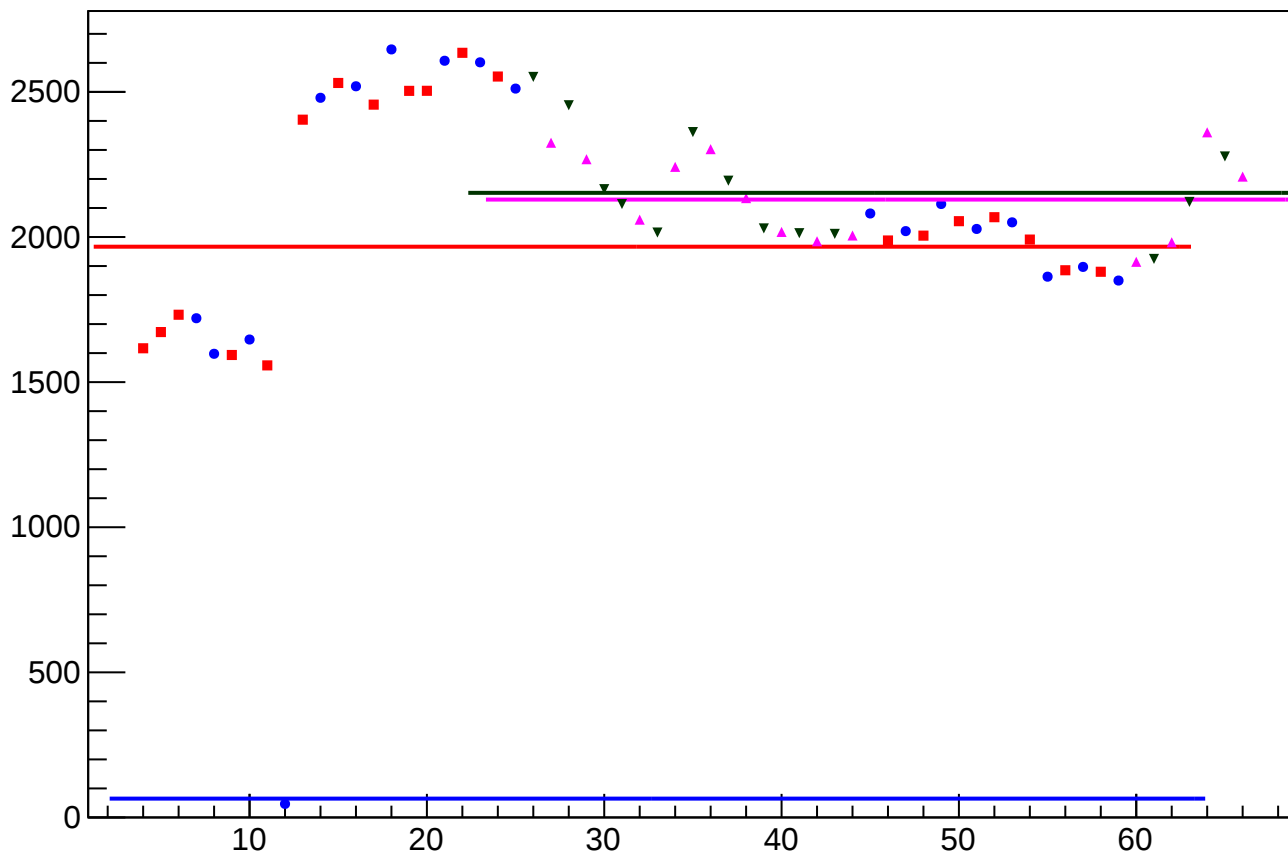
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: 0.171 ± 0.767 χ^2/NDF : 13.0/12

-0.079 ± 0.060 χ^2/NDF : 23.9/30

-0.093 ± 0.487 χ^2/NDF : 28.4/31

diff_bpm4acX_rms vs slug



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

Left Out: 2152.211+/-0.584 χ^2 /NDF:90054.8/12

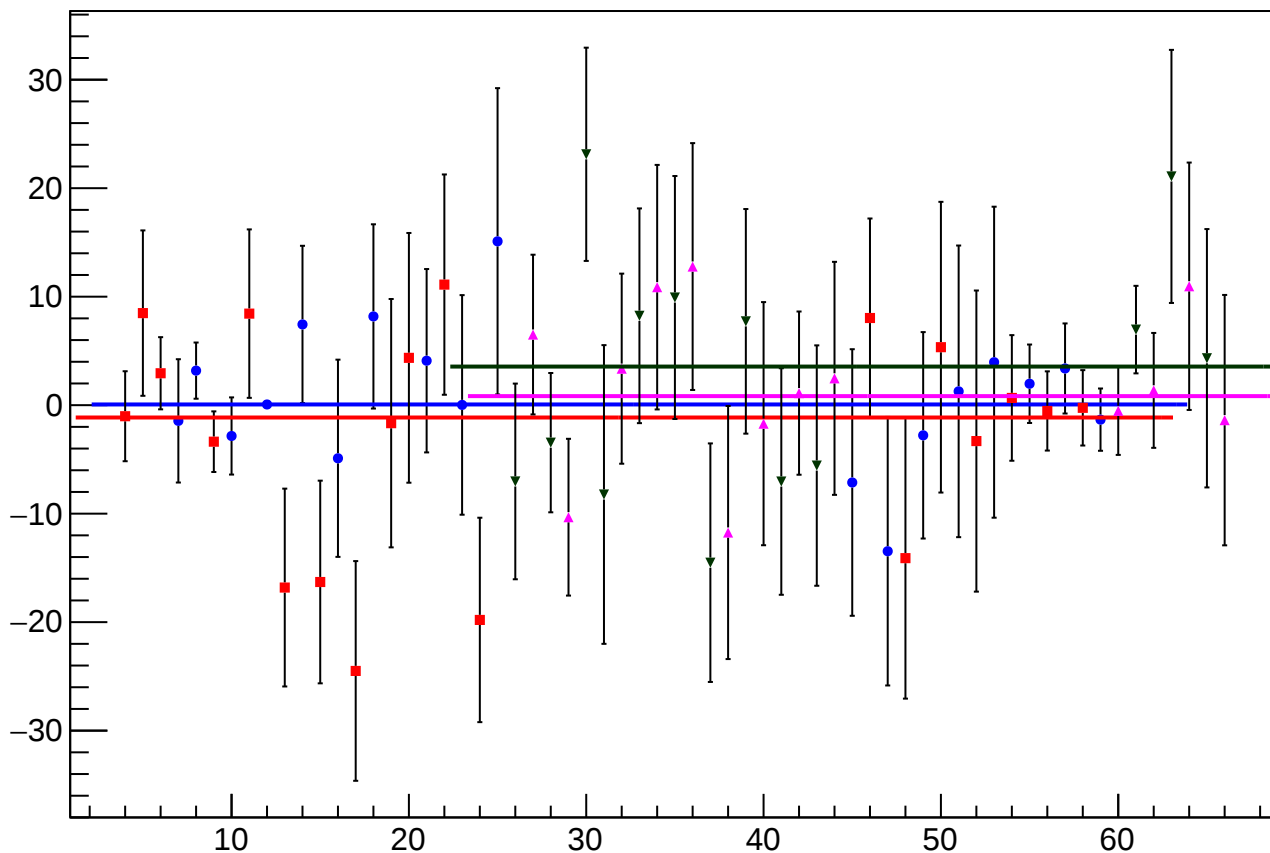
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

Left In: 2129.005+/-0.543 χ^2 /NDF:71689.5/12

75.873+/-0.042 χ^2 /NDF: 33038407.4/30

2032.169+/-0.345 χ^2 /NDF: 735783.7/31

diff_bpm4acY_mean vs slug



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

Left Out: 3.558 ± 2.350 χ^2/NDF : 15.4/12

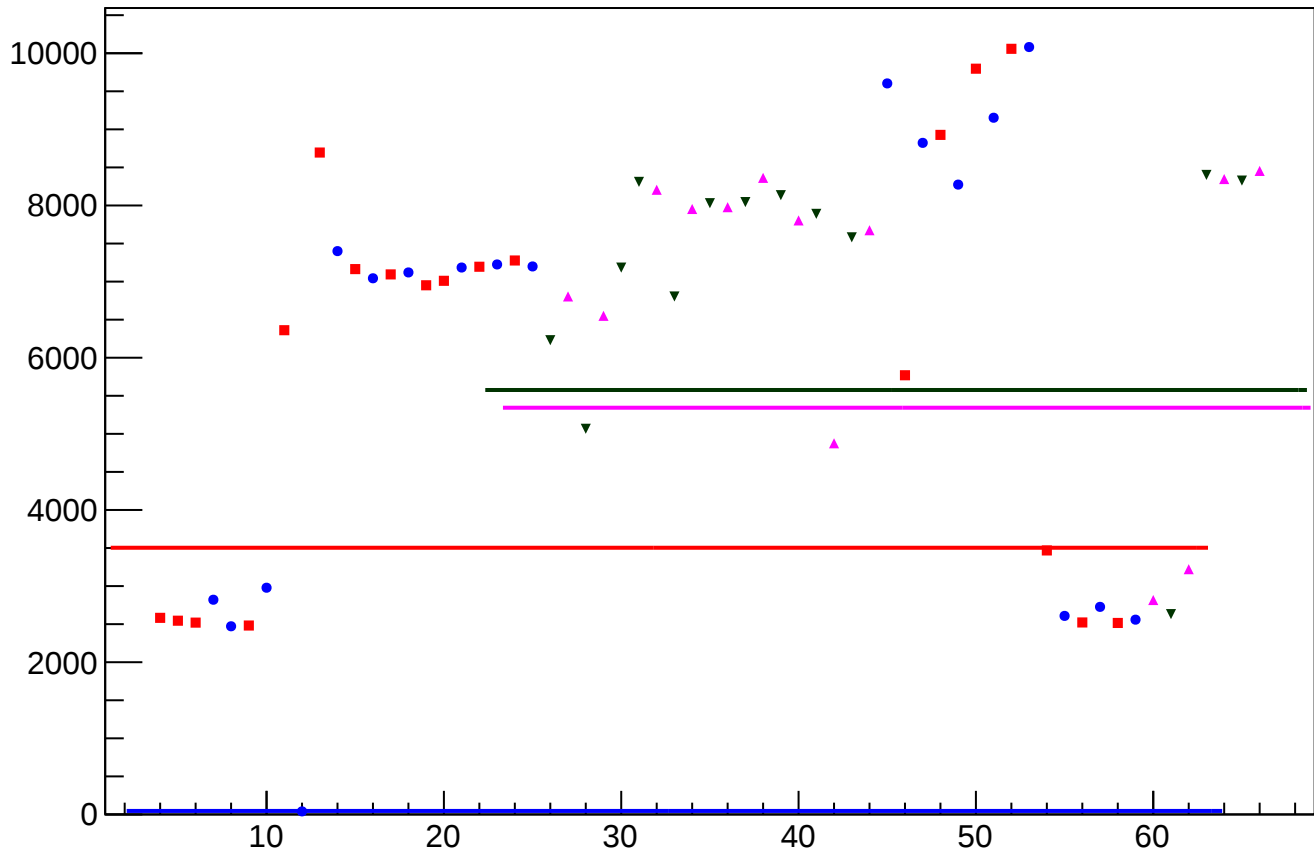
Right Out: -1.137 ± 1.295 χ^2/NDF : 24.2/18

Left In: 0.834 ± 2.135 χ^2/NDF : 7.1/12

0.067 ± 0.052 χ^2/NDF : 26.2/30

-0.607 ± 1.107 χ^2/NDF : 32.0/31

diff_bpm4acY_rms vs slug



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

Left Out: 5576.075+/-1.661 χ^2/NDF :1958598.3/12

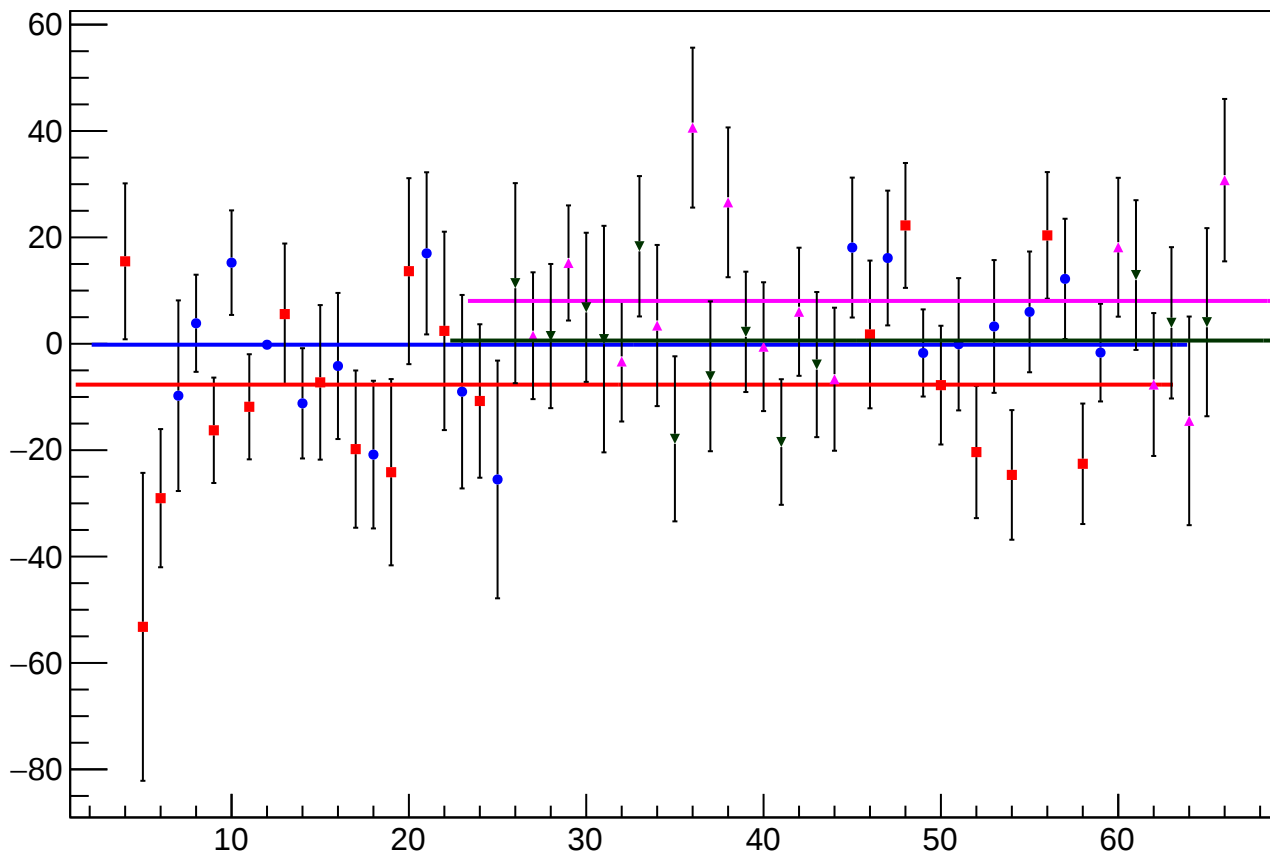
Right Out: 3503.720+/-0.916 χ^2/NDF : 4669685.2/18

Left In: 5343.204+/-1.510 χ^2/NDF :2273119.5/12

48.972+/-0.037 χ^2/NDF : 33207929.4/30

3998.437+/-0.783 χ^2/NDF : 8027711.5/31

diff_bpm4ecX_mean vs slug



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

Left Out: 0.609 ± 3.951 χ^2/NDF : 7.6/12

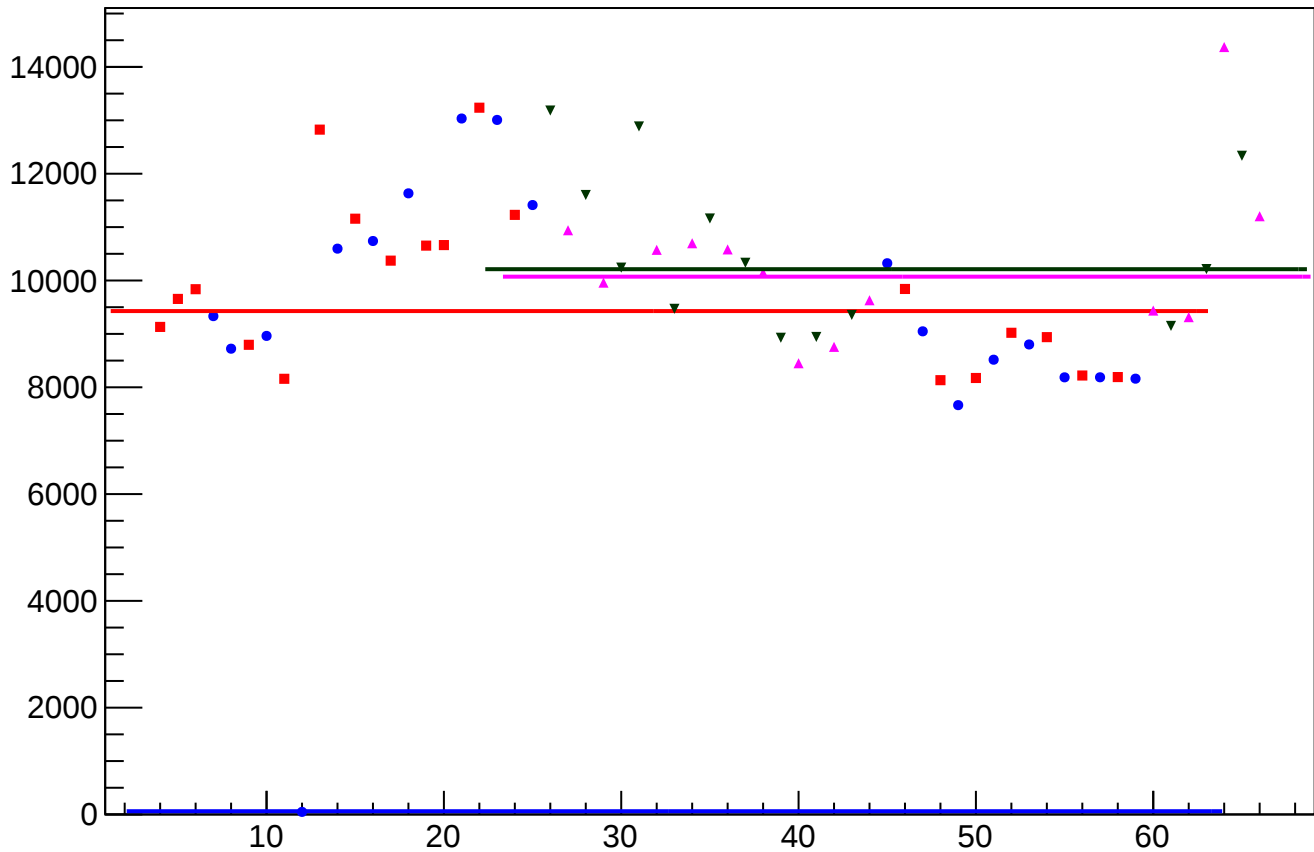
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 8.055 ± 3.656 χ^2/NDF : 15.5/12

-0.173 ± 0.106 χ^2/NDF : 22.0/30

-1.310 ± 2.326 χ^2/NDF : 56.7/31

diff_bpm4ecX_rms vs slug



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

Left Out: 10212.010+/-2.794 χ^2 /NDF: 213487.0/12

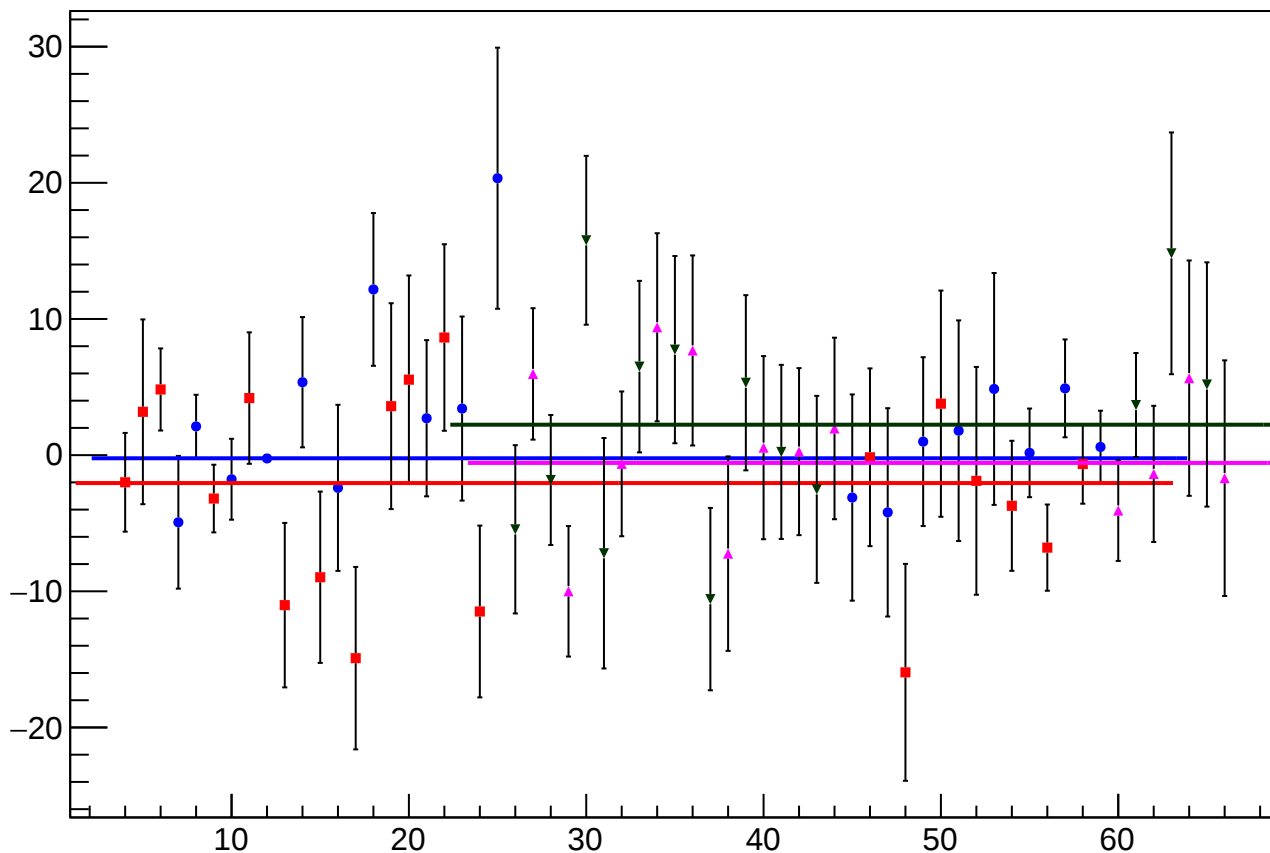
Right Out: 9427.549+/-2.132 χ^2 /NDF: 447350.4/18

Left In: 10072.019+/-2.585 χ^2 /NDF: 200737.8/12

68.105+/-0.075 χ^2 /NDF: 34528102.7/30

9688.455+/-1.645 χ^2 /NDF: 685071.6/31

diff_bpm4ecY_mean vs slug



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

Left Out: 2.235 ± 1.710 $\chi^2/\text{NDF}: 16.1/12$

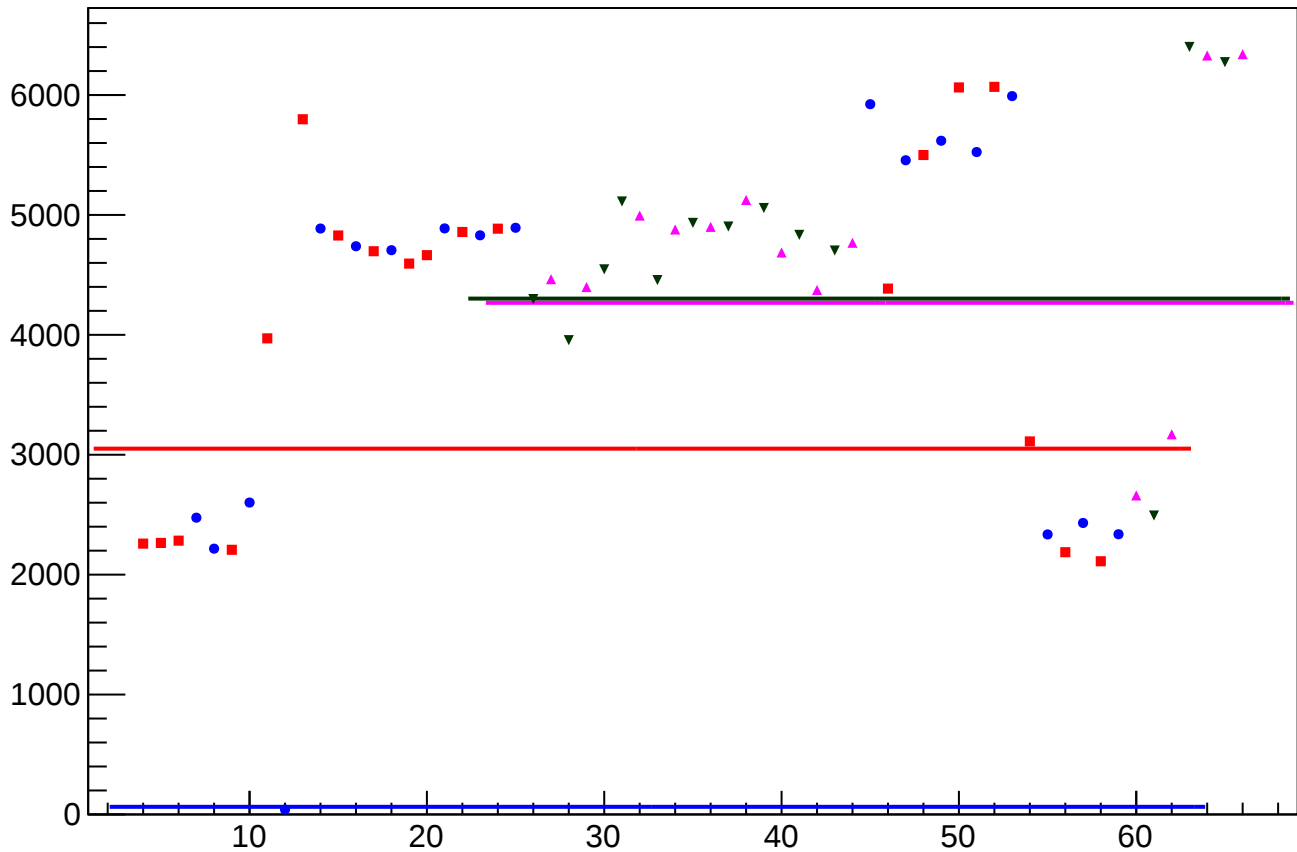
Right Out: -2.049 ± 1.055 $\chi^2/\text{NDF}: 27.2/18$

Left In: -0.572 ± 1.593 $\chi^2/\text{NDF}: 11.7/12$

-0.223 ± 0.090 $\chi^2/\text{NDF}: 35.0/30$

-1.599 ± 0.880 $\chi^2/\text{NDF}: 39.5/31$

diff_bpm4ecY_rms vs slug



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

Left Out: 4302.285+/-1.209 χ^2 /NDF:771061.3/12

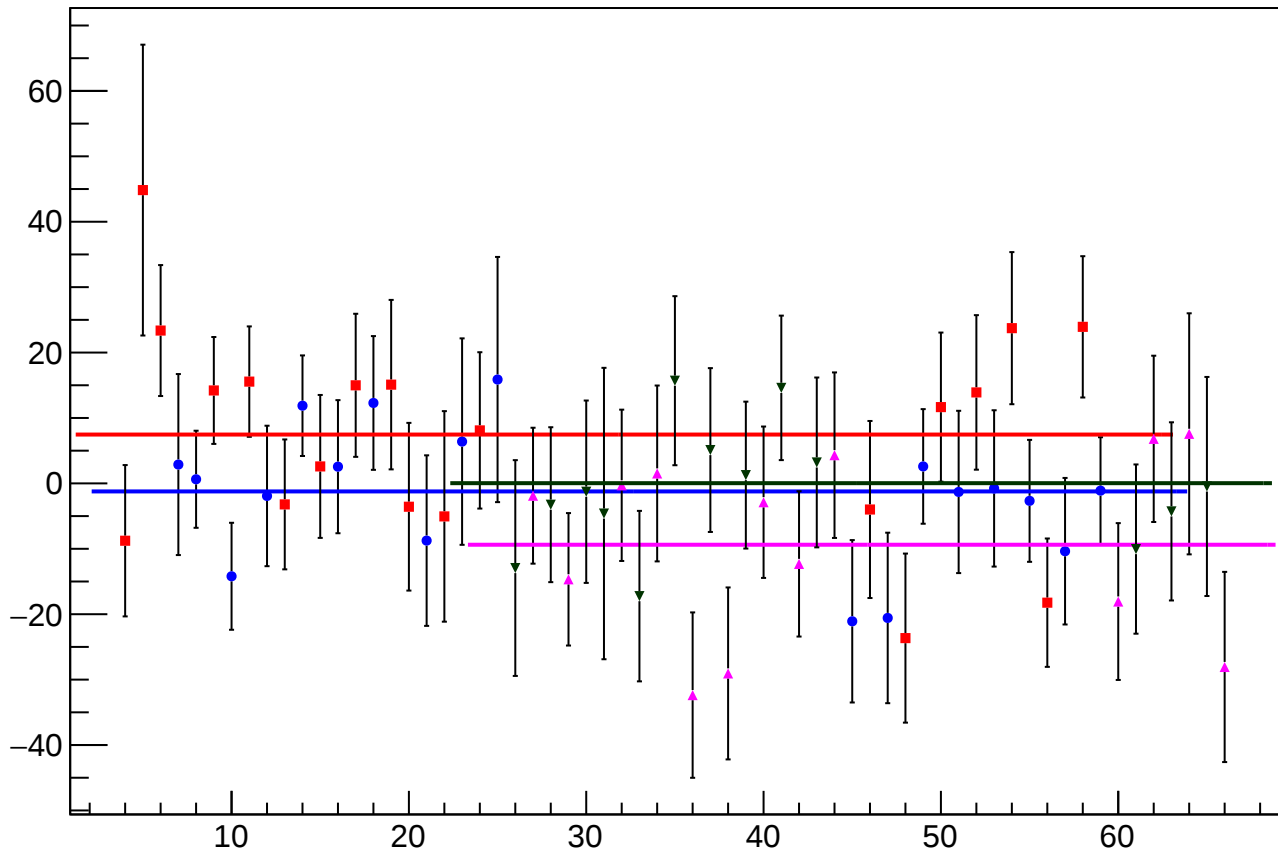
Right Out: 3050.872+/-0.746 χ^2 /NDF: 2882138.2/18

Left In: 4267.170+/-1.127 χ^2 /NDF:825183.6/12

75.373+/-0.063 χ^2 /NDF: 33298156.0/30

3421.843+/-0.622 χ^2 /NDF: 4517464.5/31

diff_bpm1X_mean vs slug



Right In: -1.229 ± 2.430 $\chi^2/\text{NDF}: 14.5/17$

Left Out: 0.033 ± 3.696 $\chi^2/\text{NDF}: 6.7/12$

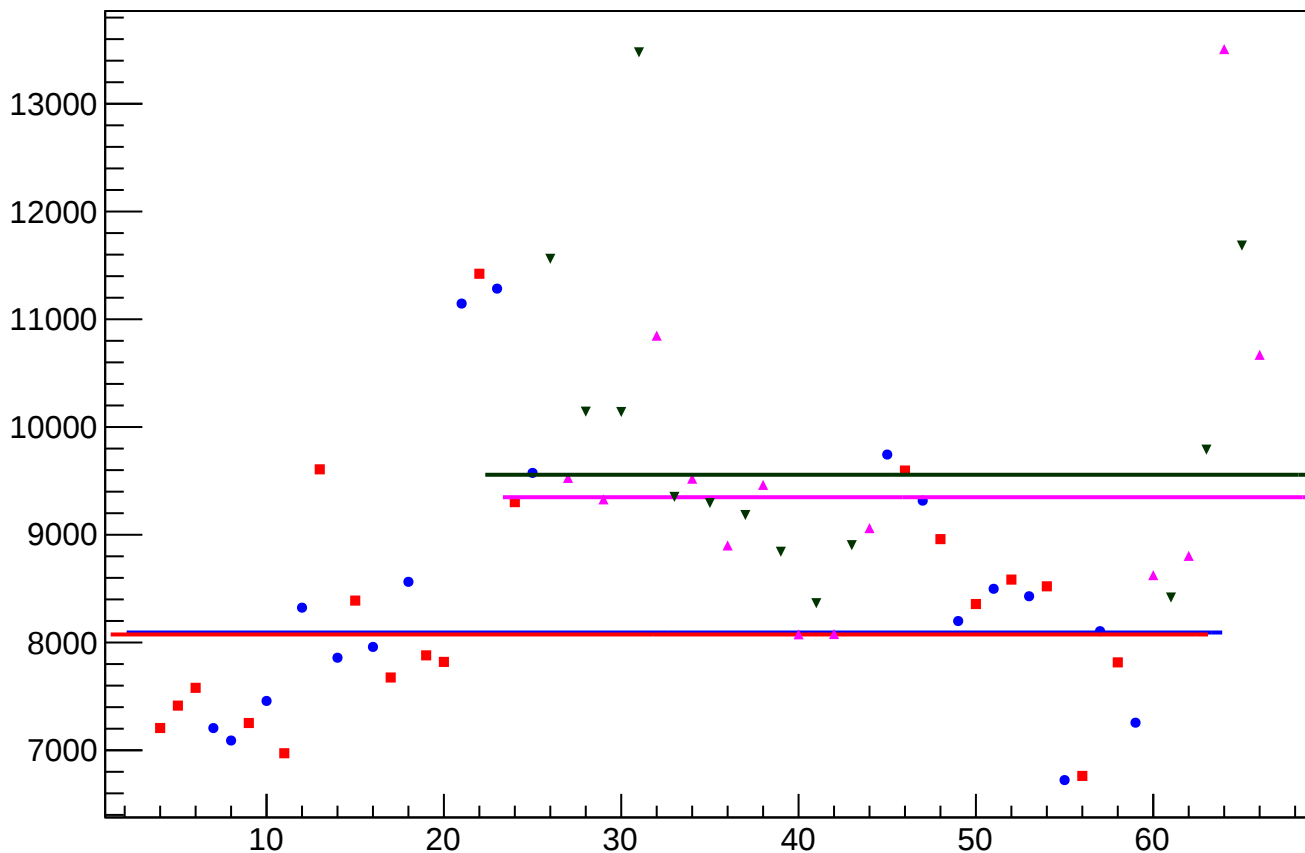
Right Out: 7.465 ± 2.574 $\chi^2/\text{NDF}: 30.5/18$

Left In: -9.380 ± 3.396 $\chi^2/\text{NDF}: 13.8/12$

-0.848 ± 2.031 $\chi^2/\text{NDF}: 21.2/30$

1.319 ± 2.051 $\chi^2/\text{NDF}: 60.0/31$

diff_bpm1X_rms vs slug



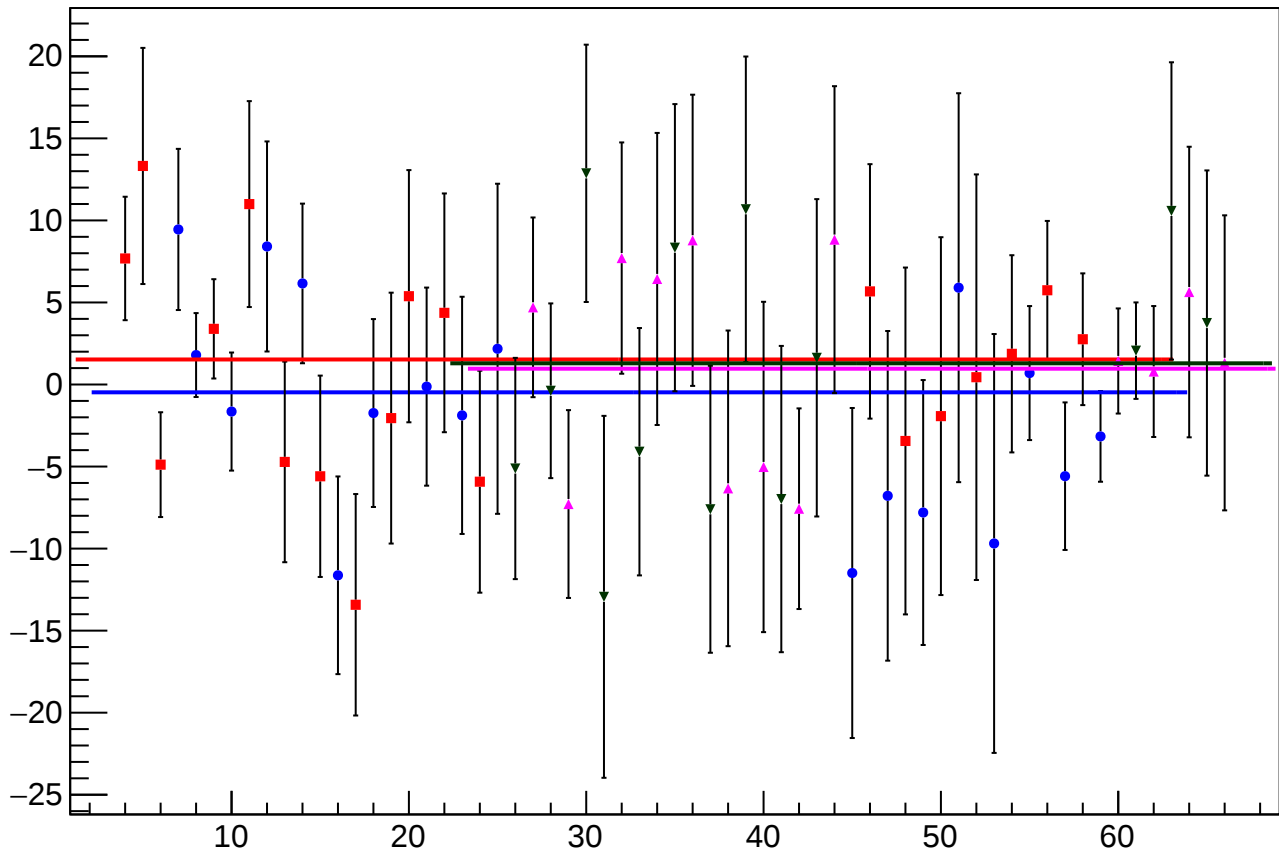
Right In: 8092.852 ± 1.719 χ^2/NDF : 389353.1/17

Left Out: 8534.883 ± 1.436 χ^2/NDF : 796277.8/30

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

Left In: 9348.534 ± 2.401 χ^2/NDF : 217902.1/12

diff_bpm1Y_mean vs slug



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

Left Out: 1.291 ± 1.830 χ^2/NDF : 10.0/12

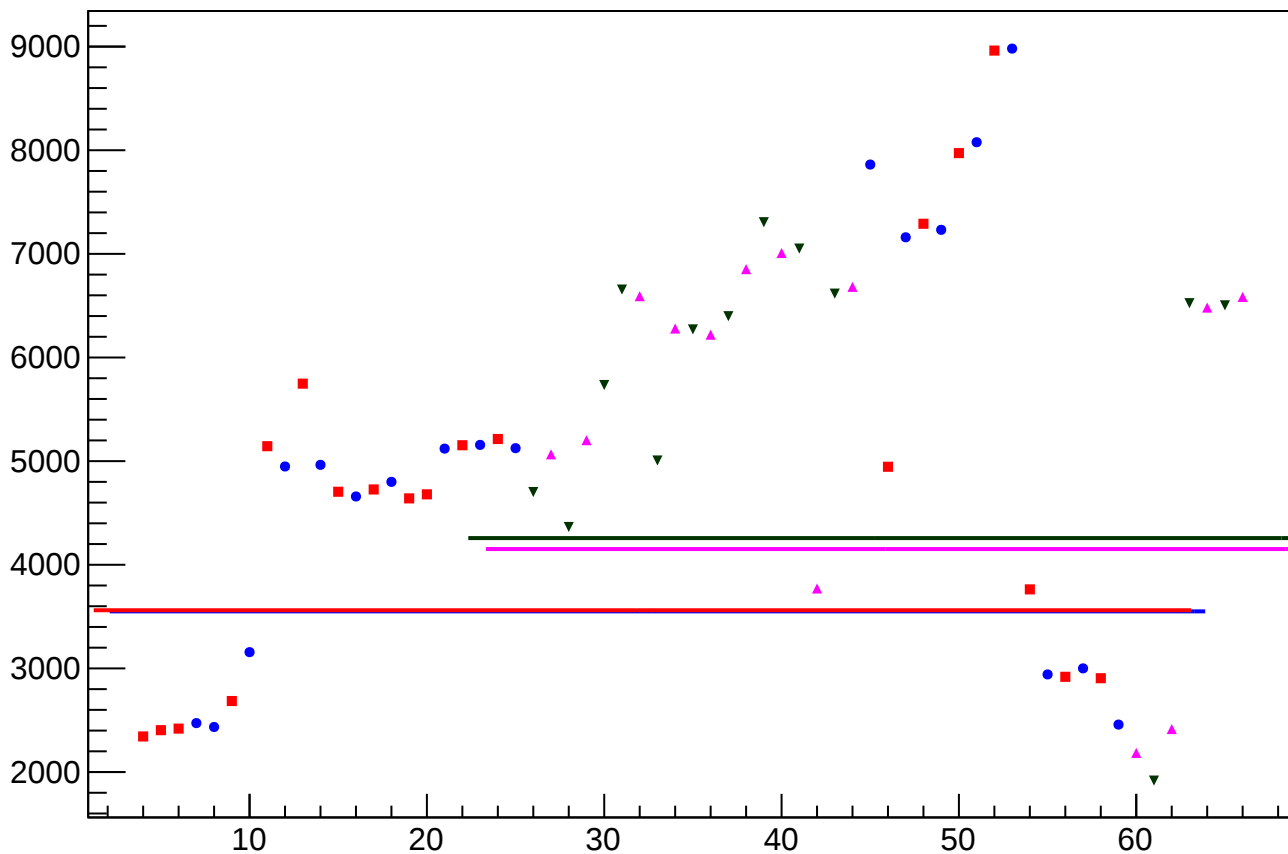
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: 0.963 ± 1.682 χ^2/NDF : 8.5/12

0.031 ± 0.980 χ^2/NDF : 28.6/30

1.329 ± 0.994 χ^2/NDF : 31.5/31

diff_bpm1Y_rms vs slug



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

Left Out: 4257.588+/-1.294 χ^2/NDF : 2442377.7/12

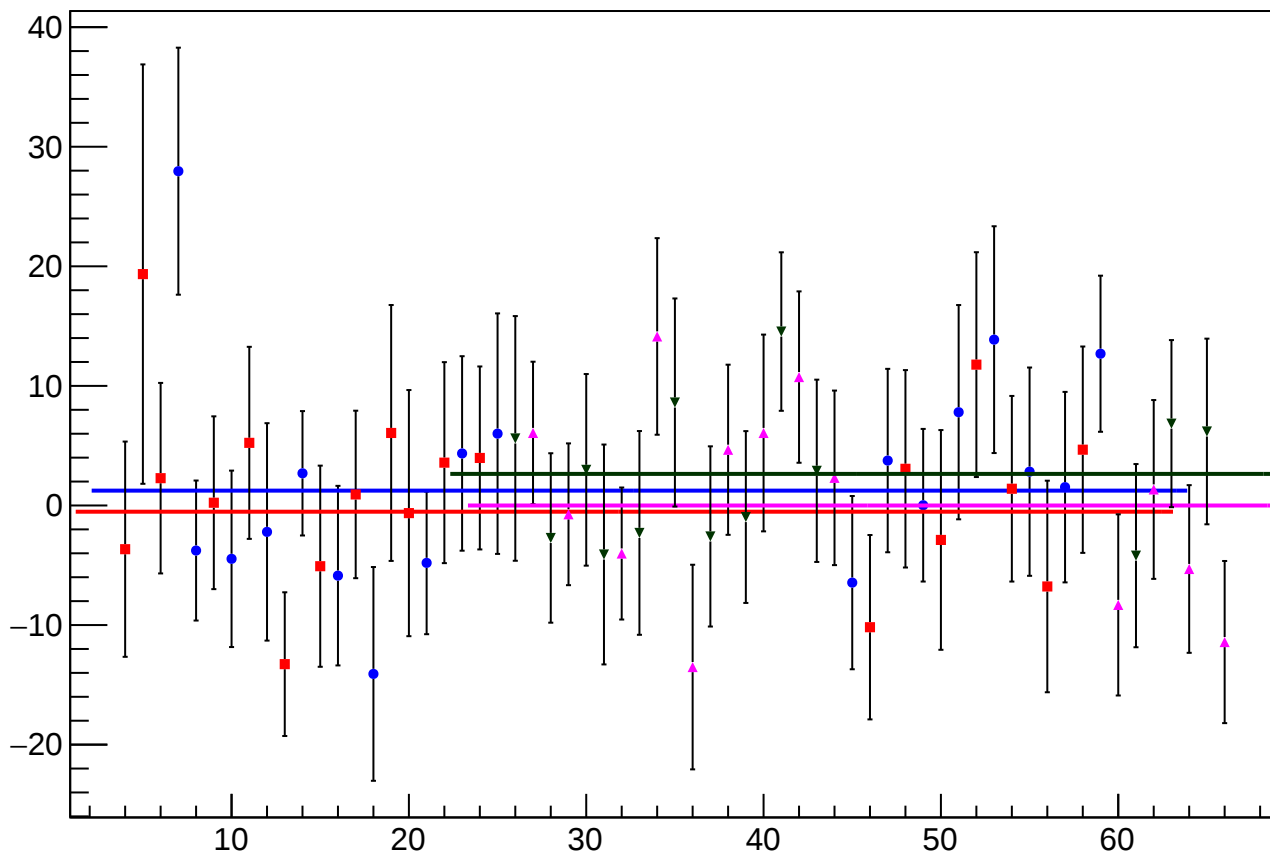
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 4151.796+/-1.189 χ^2/NDF : 2476657.8/12

3753.471+/-0.693 χ^2/NDF : 5949334.7/30

3767.443+/-0.703 χ^2/NDF : 5255400.9/31

diff_bpm11X_mean vs slug



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

Left Out: 2.640 ± 2.157 χ^2/NDF : 7.3/12

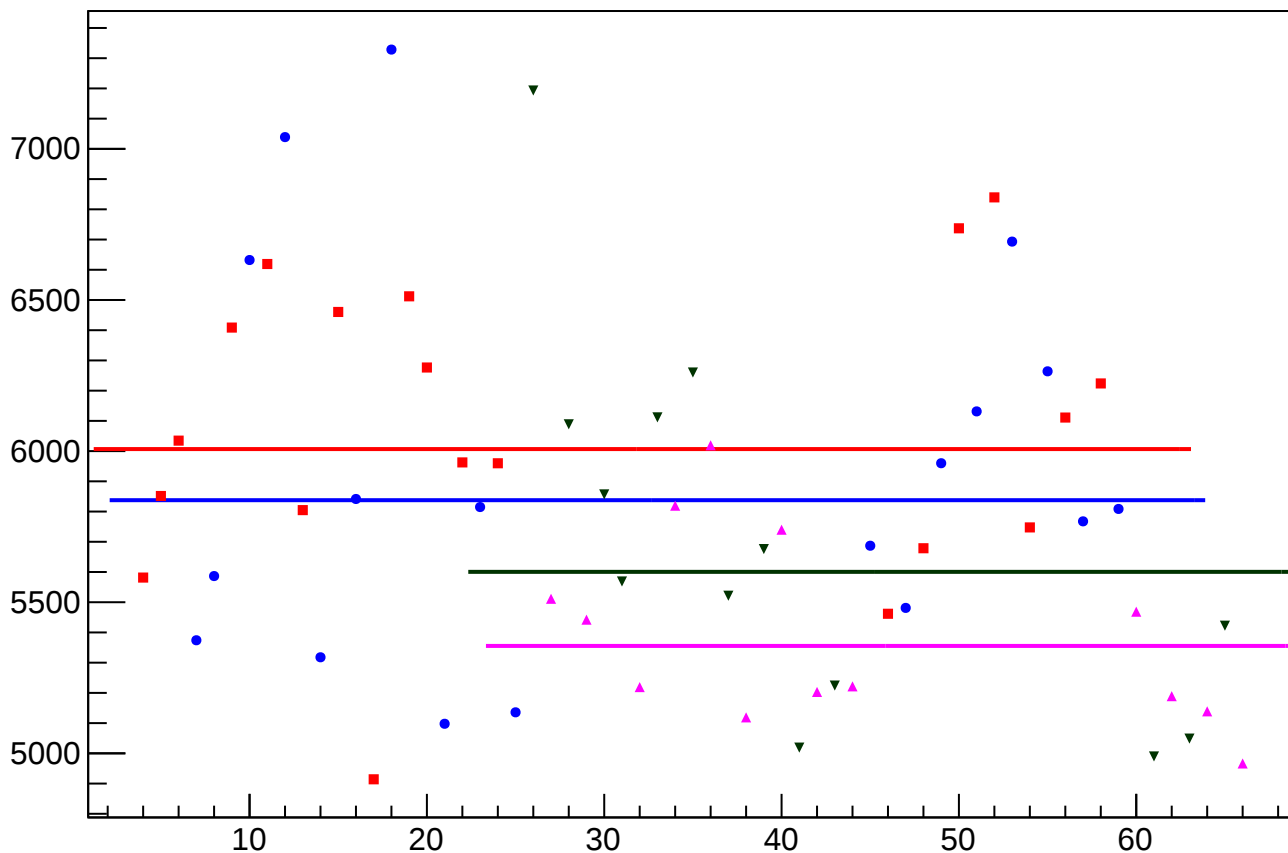
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: -0.003 ± 1.931 χ^2/NDF : 15.0/12

1.798 ± 1.360 χ^2/NDF : 27.7/30

-0.265 ± 1.357 χ^2/NDF : 27.3/31

diff_bpm11X_rms vs slug



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

Left Out: 5600.500 $\pm$ 1.525 χ^2 /NDF:125678.6/12

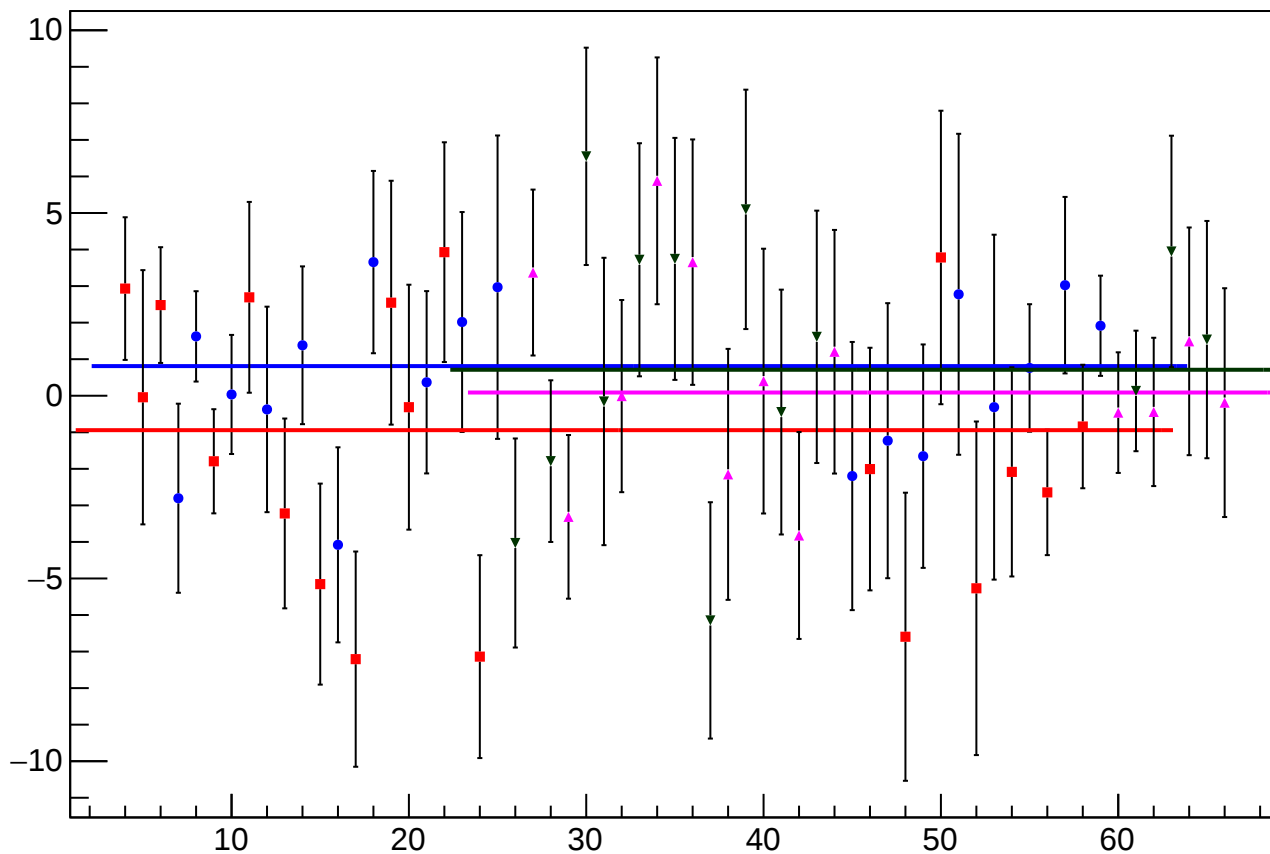
Right Out: 6006.736 $\pm$ 1.348 χ^2 /NDF: 130455.1/18

Left In: 5355.427 $\pm$ 1.366 χ^2 /NDF:39508.6/12

5743.372 $\pm$ 0.961 χ^2 /NDF: 351552.5/30

5685.292 $\pm$ 0.959 χ^2 /NDF: 285162.2/31

diff_bpm11Y_mean vs slug



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

Left Out: 0.711 ± 0.786 χ^2/NDF : 17.4/12

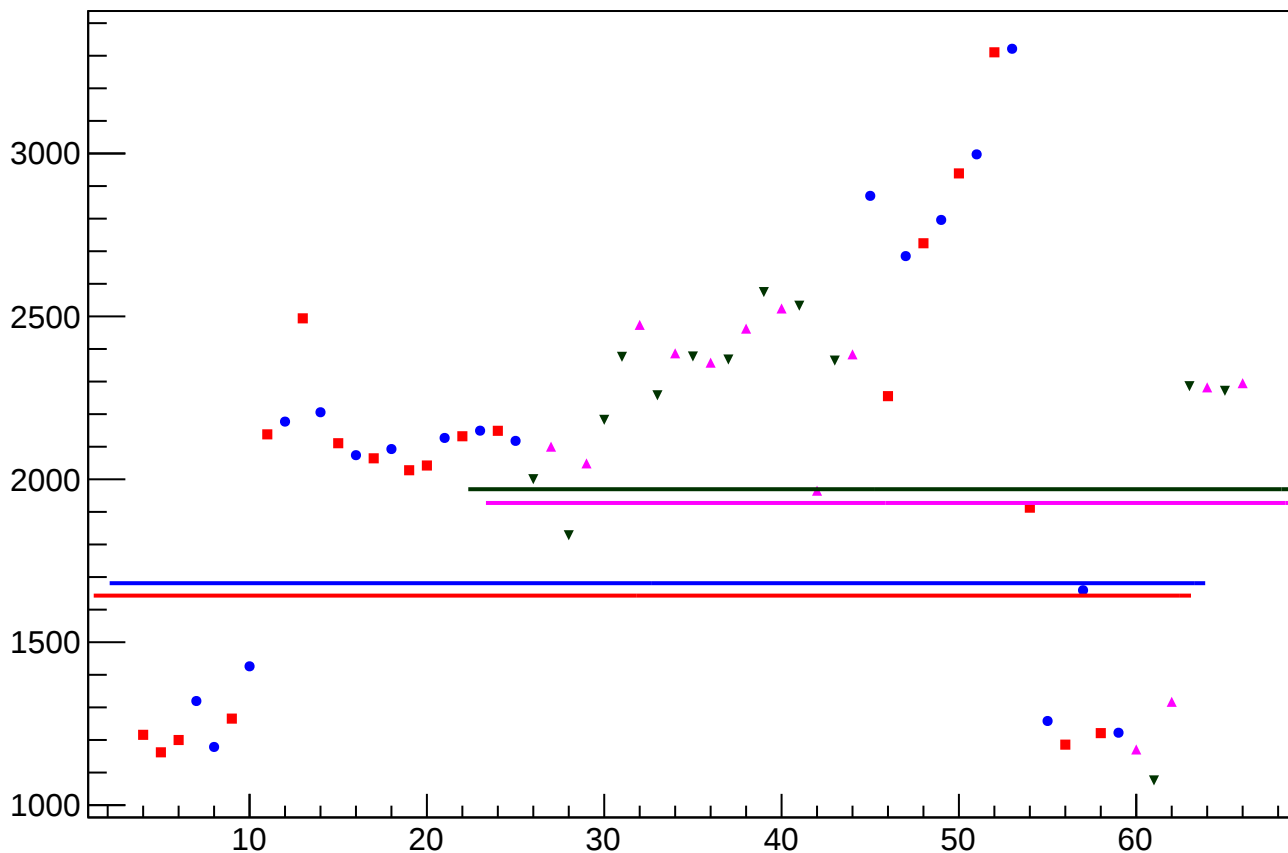
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.088 ± 0.724 χ^2/NDF : 11.3/12

0.779 ± 0.441 χ^2/NDF : 28.7/30

-0.563 ± 0.439 χ^2/NDF : 45.5/31

diff_bpm11Y_rms vs slug



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

Left Out: 1969.613+/-0.556 χ^2/NDF : 892617.7/12

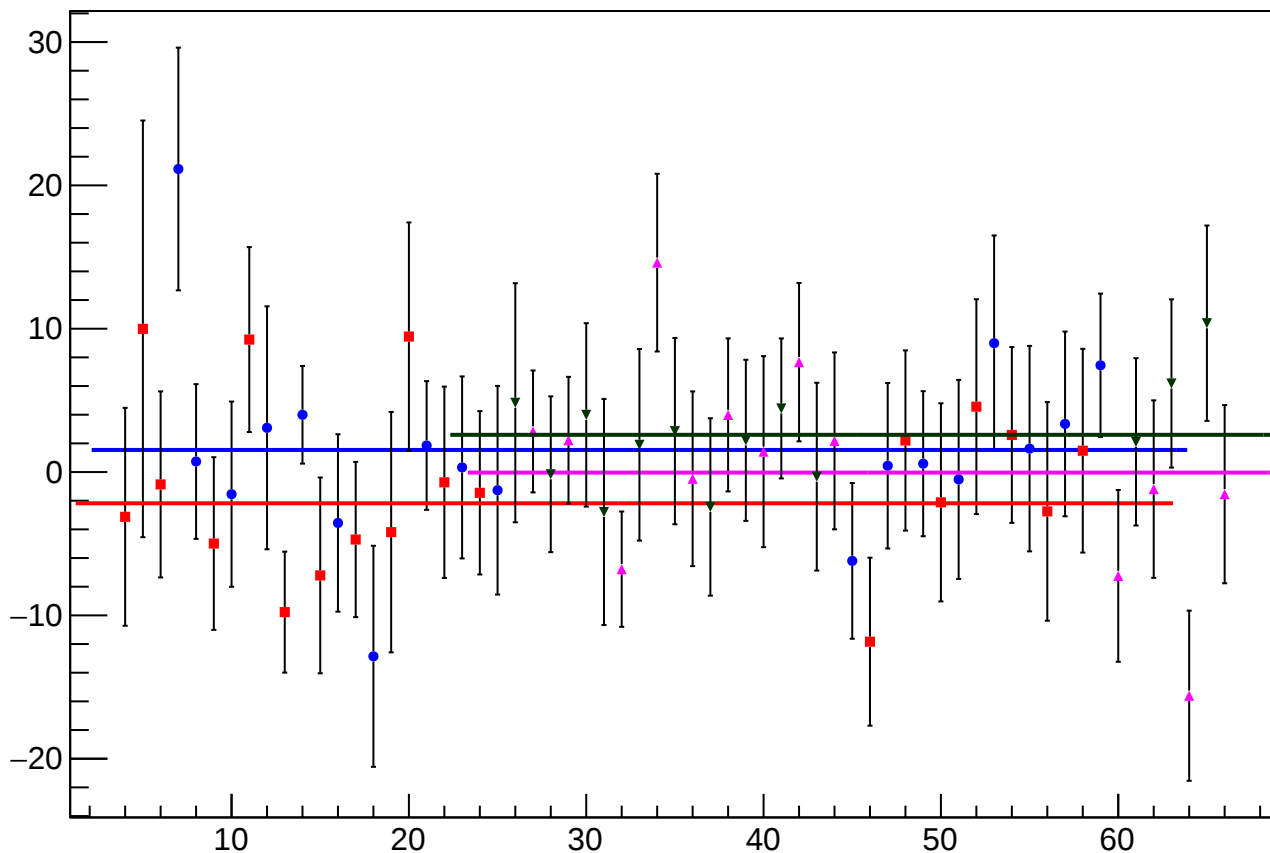
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1927.409+/-0.512 χ^2/NDF : 969329.8/12

1771.782+/-0.312 χ^2/NDF : 3290207.7/30

1747.659+/-0.311 χ^2/NDF : 3133466.9/31

diff_bpm12X_mean vs slug



Right In: 1.541 ± 1.369 $\chi^2/\text{NDF}: 15.2/17$

Left Out: 2.597 ± 1.721 $\chi^2/\text{NDF}: 3.5/12$

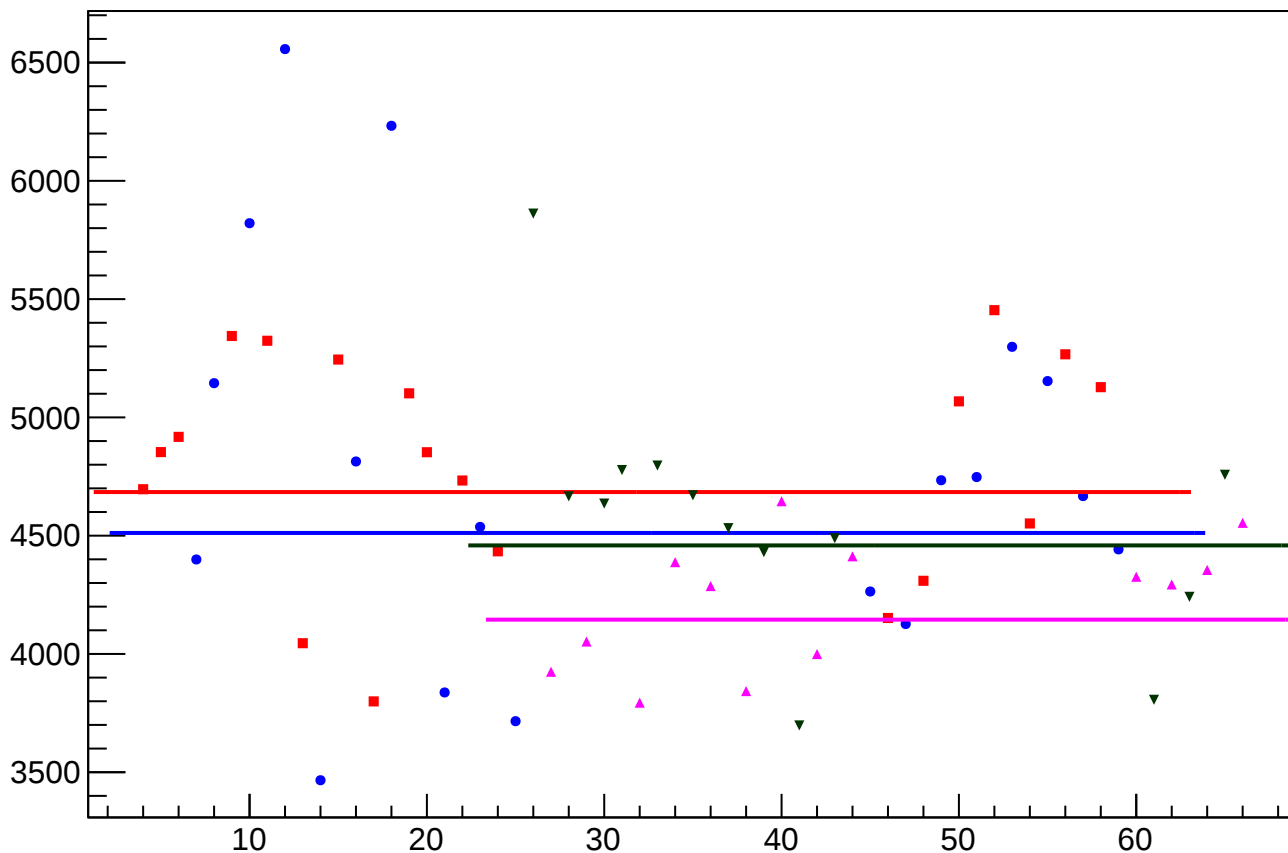
Right Out: -2.180 ± 1.492 $\chi^2/\text{NDF}: 15.2/18$

Left In: -0.037 ± 1.497 $\chi^2/\text{NDF}: 20.2/12$

1.951 ± 1.071 $\chi^2/\text{NDF}: 18.9/30$

-1.112 ± 1.057 $\chi^2/\text{NDF}: 36.5/31$

diff_bpm12X_rms vs slug



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

Left Out: 4458.811 $\pm$ 1.217 χ^2 /NDF:152010.1/12

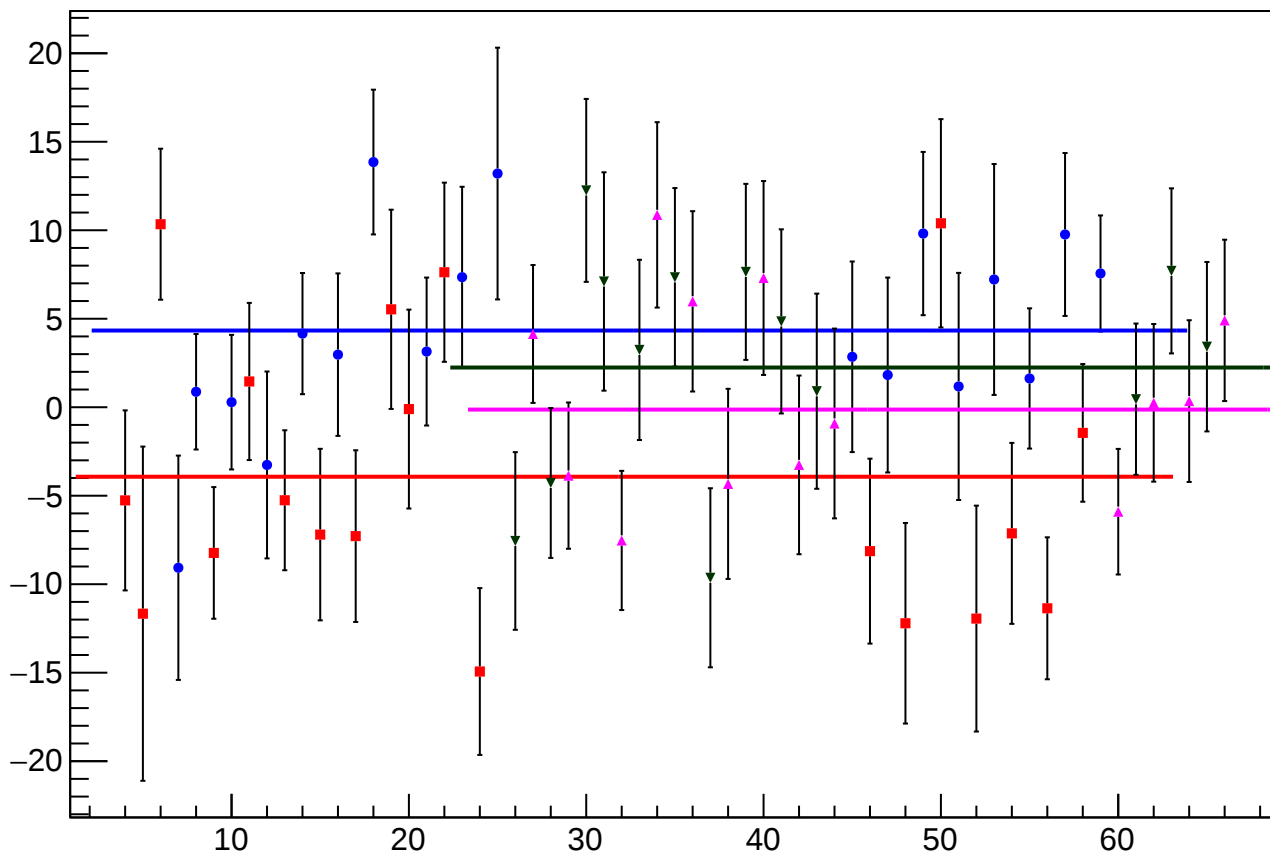
Right Out: 4684.391 $\pm$ 1.055 χ^2 /NDF: 240230.9/18

Left In: 4144.986 $\pm$ 1.059 χ^2 /NDF:62619.6/12

4491.072 $\pm$ 0.758 χ^2 /NDF: 800157.0/30

4415.586 $\pm$ 0.747 χ^2 /NDF: 433041.8/31

diff_bpm12Y_mean vs slug



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

Left Out: 2.243+/-1.373 χ^2/NDF : 20.2/12

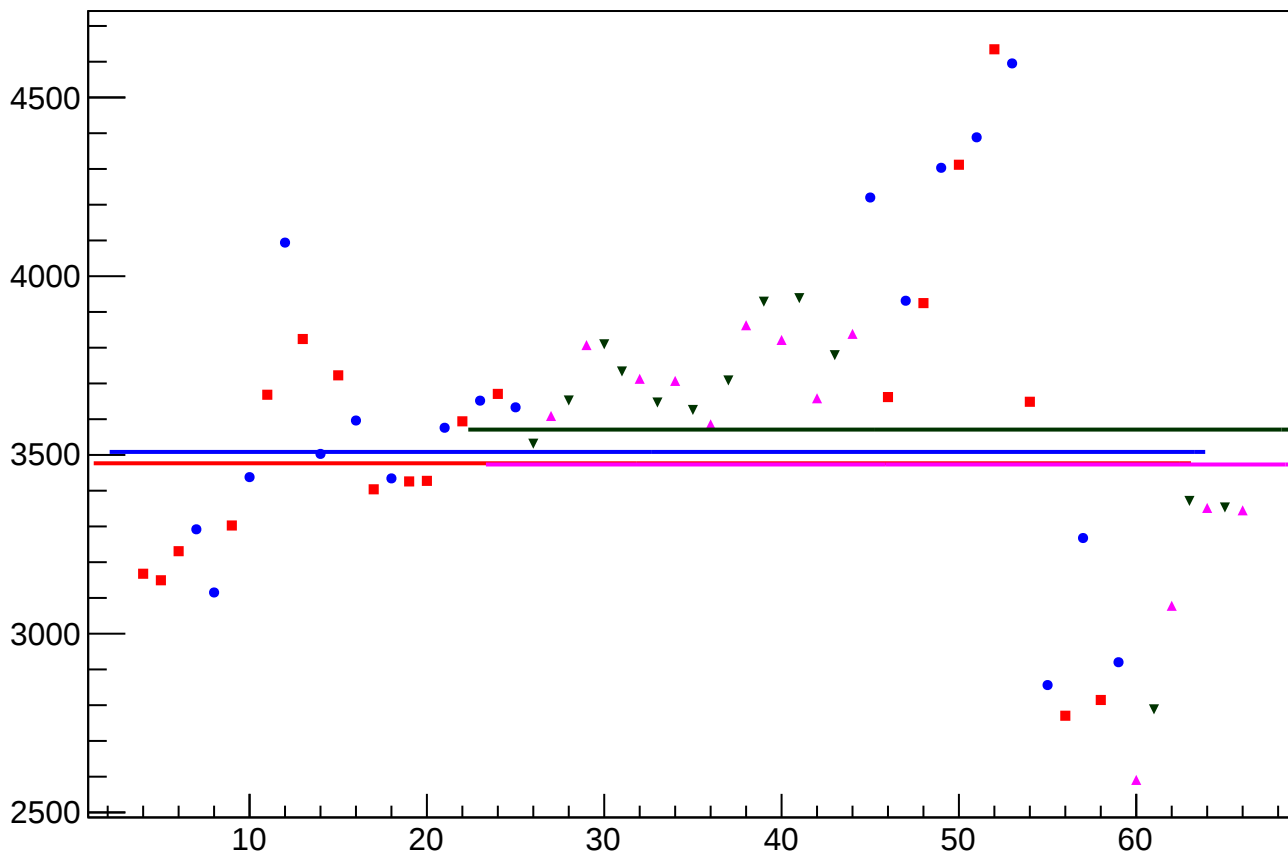
Right Out: -3.927+/-1.110 χ^2/NDF : 44.2/18

Left In: -0.133+/-1.258 χ^2/NDF : 18.1/12

3.557+/-0.837 χ^2/NDF : 42.9/30

-2.266+/-0.832 χ^2/NDF : 67.5/31

diff_bpm12Y_rms vs slug



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

Left Out: 3570.928 $\pm$ 0.971 χ^2 /NDF:106710.2/12

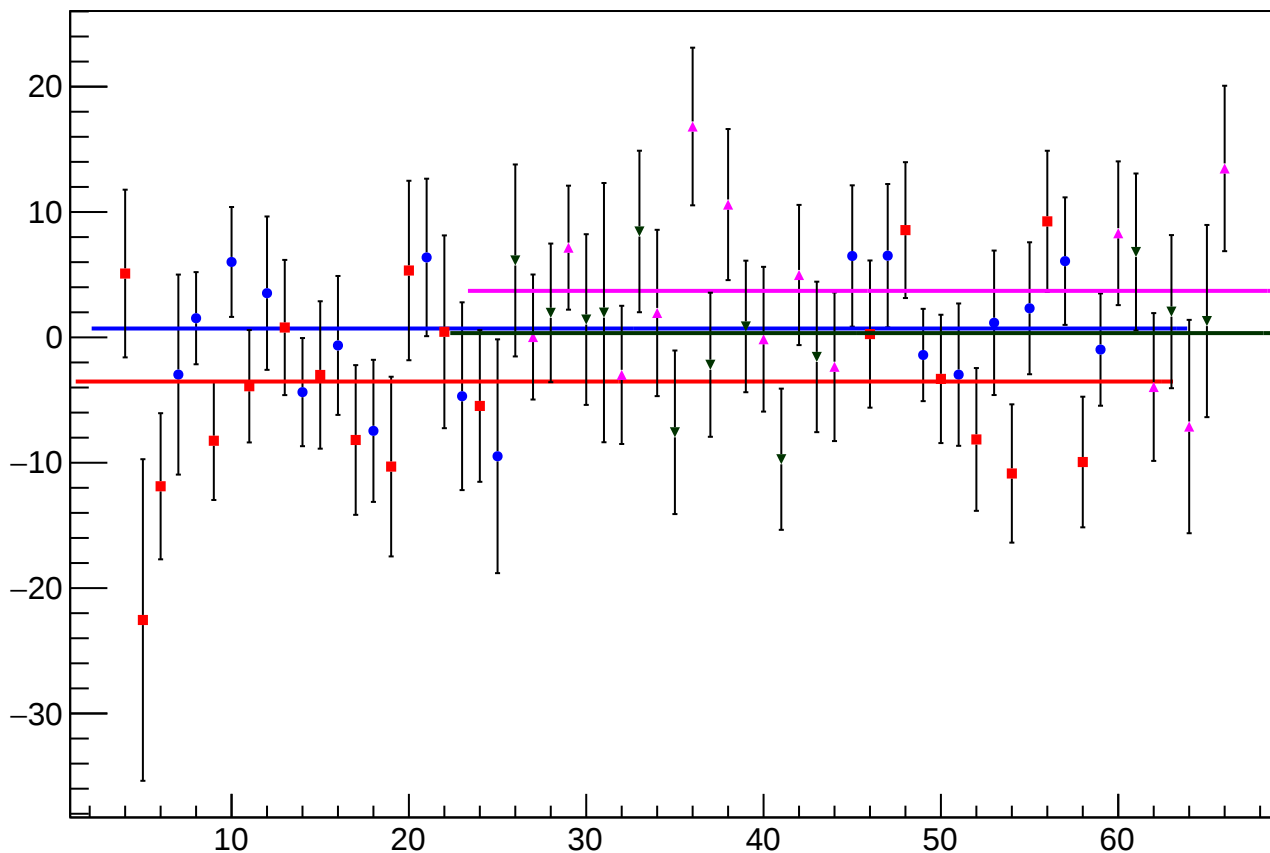
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3473.284 $\pm$ 0.890 χ^2 /NDF:200847.0/12

3531.657 $\pm$ 0.592 χ^2 /NDF: 493450.4/30

3475.184 $\pm$ 0.588 χ^2 /NDF: 494605.9/31

diff_bpm16X_mean vs slug



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

Left Out: 0.341 ± 1.758 $\chi^2/\text{NDF}: 8.4/12$

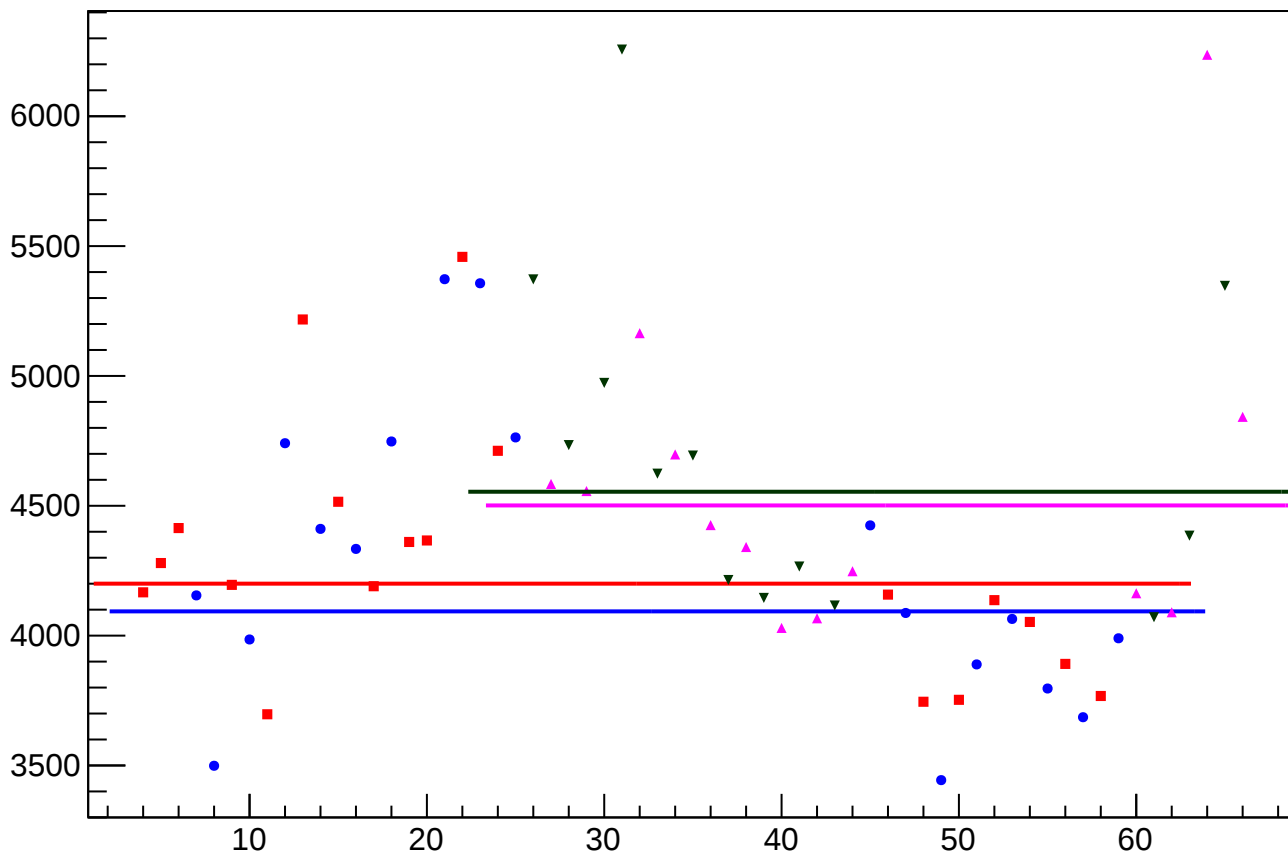
Right Out: -3.522 ± 1.336 $\chi^2/\text{NDF}: 25.4/18$

Left In: 3.710 ± 1.631 $\chi^2/\text{NDF}: 15.9/12$

0.587 ± 1.007 $\chi^2/\text{NDF}: 20.6/30$

-0.618 ± 1.033 $\chi^2/\text{NDF}: 53.1/31$

diff_bpm16X_rms vs slug



Right In: 4093.382+/-0.869 χ^2/NDF : 359698.6/17

Left Out: 4554.077+/-1.243 χ^2/NDF :157746.1/12

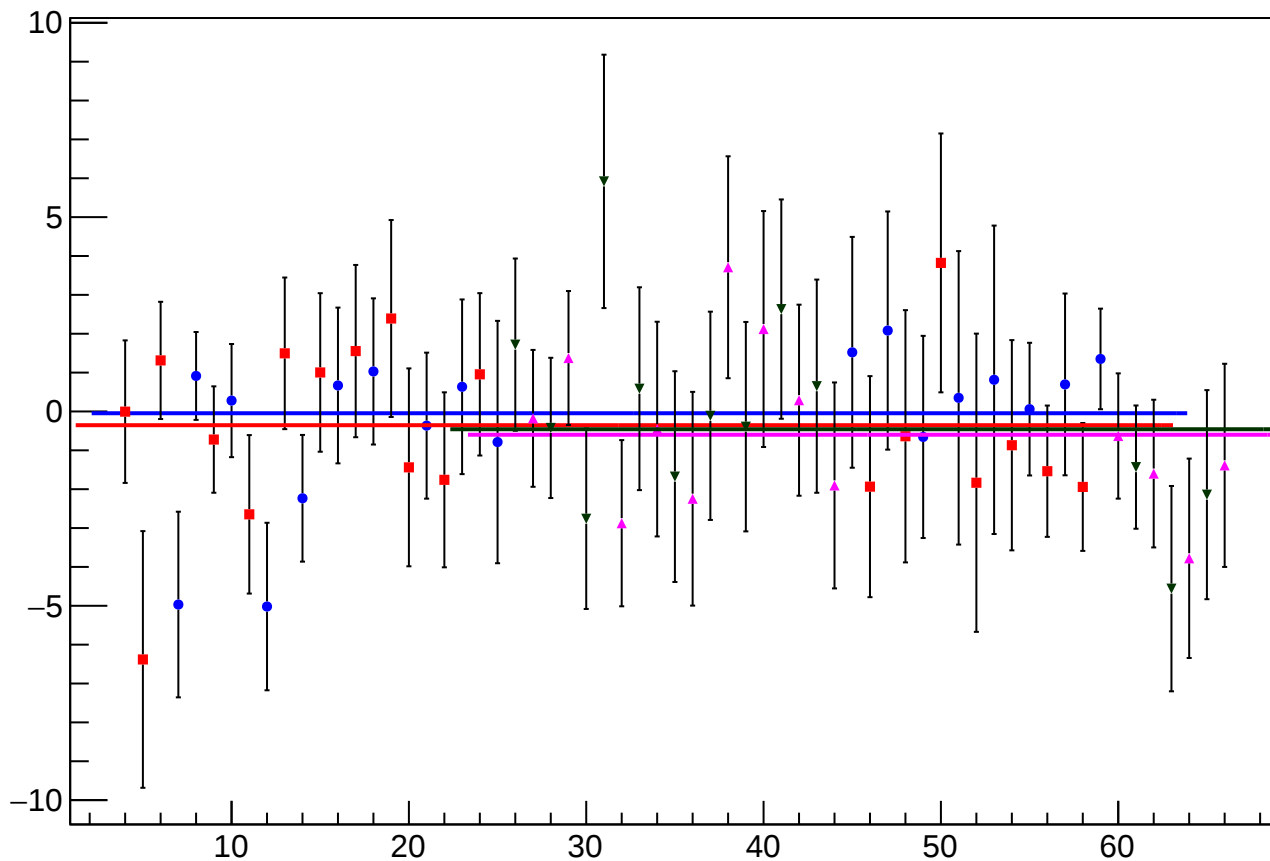
Right Out: 4200.125+/-0.945 χ^2/NDF : 225858.3/18

Left In: 4501.333+/-1.153 χ^2/NDF :167524.8/12

4244.586+/-0.712 χ^2/NDF : 609706.9/30

4321.077+/-0.731 χ^2/NDF : 434208.4/31

diff_bpm16Y_mean vs slug



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

Left Out: -0.458 ± 0.661 $\chi^2/\text{NDF}: 10.7/12$

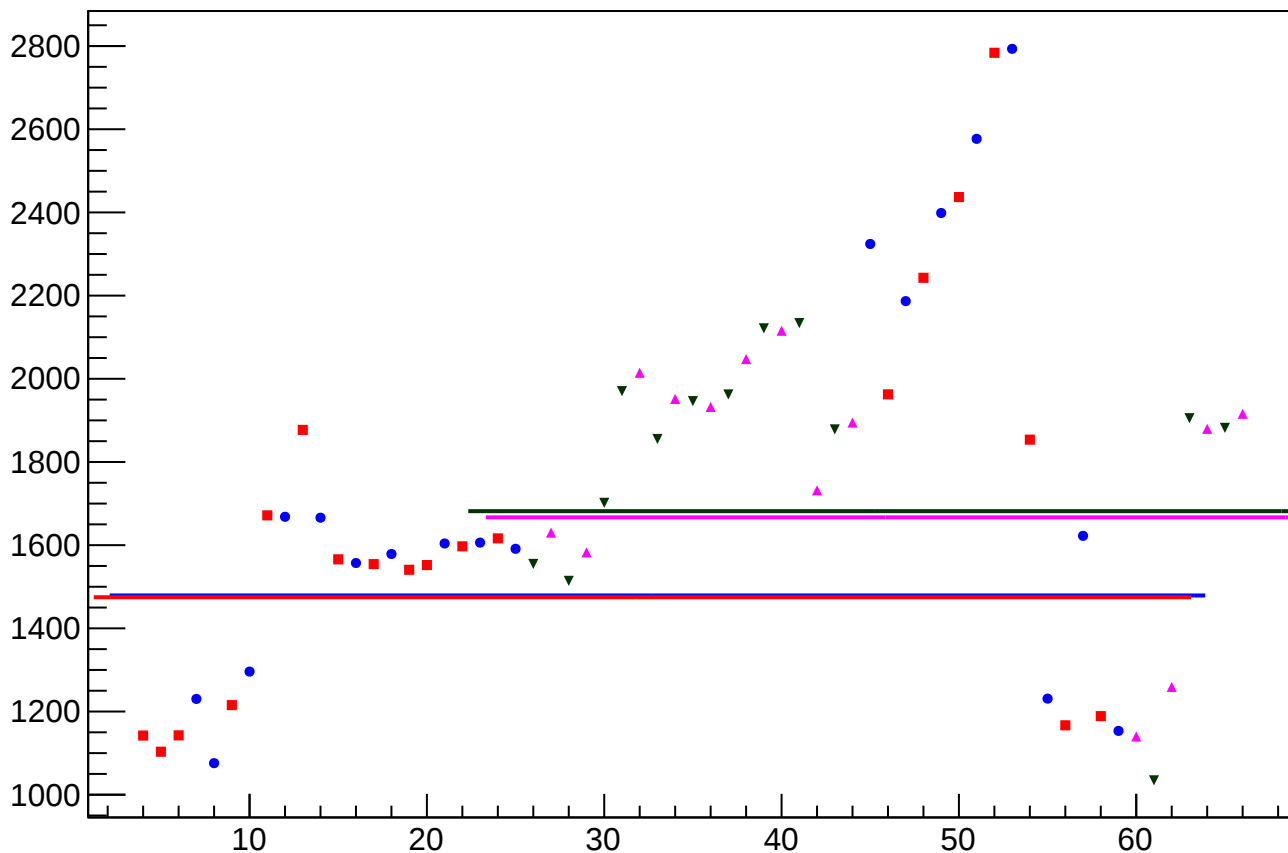
Right Out: -0.354 ± 0.483 $\chi^2/\text{NDF}: 13.6/18$

Left In: -0.599 ± 0.615 $\chi^2/\text{NDF}: 8.2/12$

-0.179 ± 0.377 $\chi^2/\text{NDF}: 25.9/30$

-0.447 ± 0.380 $\chi^2/\text{NDF}: 22.0/31$

diff_bpm16Y_rms vs slug



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

Left Out: 1681.724+/-0.467 χ^2/NDF : 562854.6/12

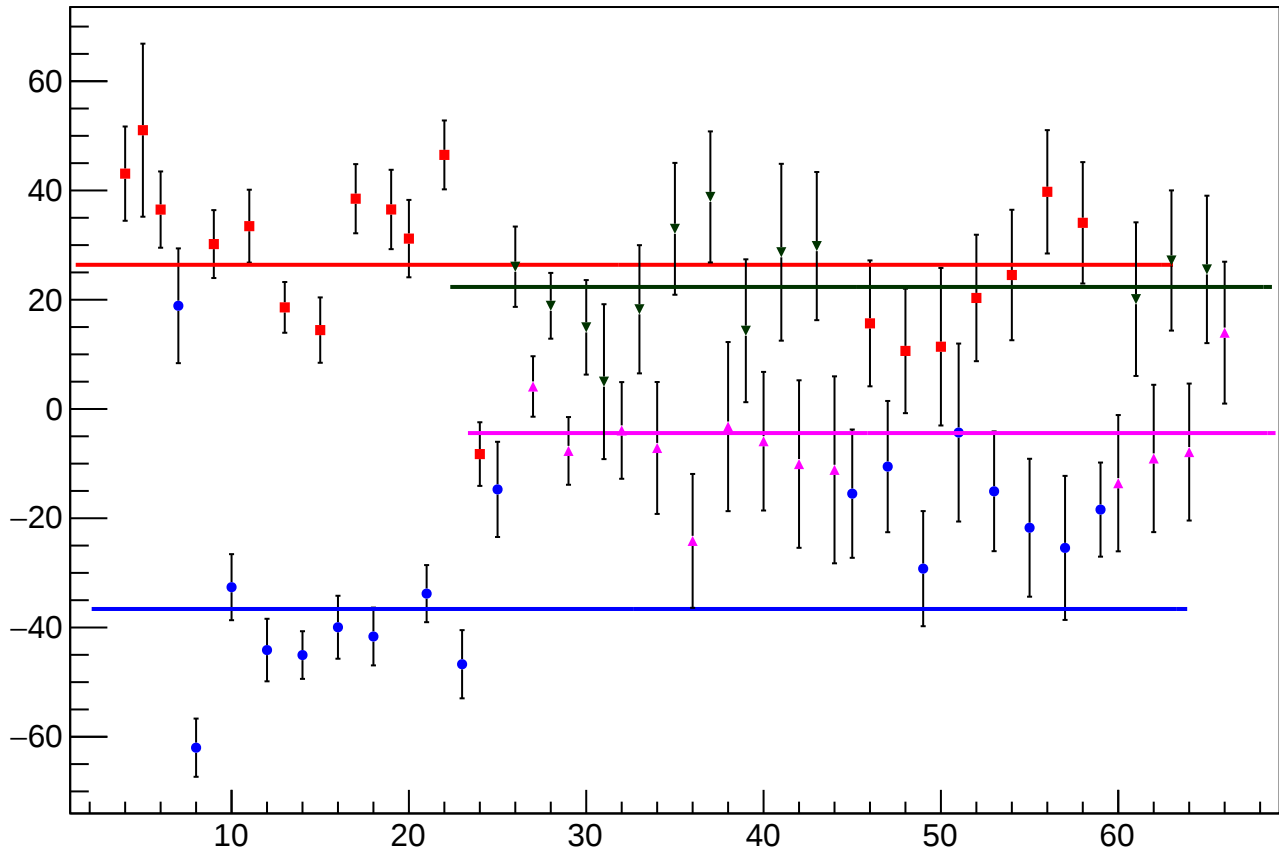
1544.806+/-0.266 χ^2/NDF : 2149218.2/30

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

1548.059+/-0.269 χ^2/NDF : 1777264.3/31

Left In: 1666.876+/-0.435 χ^2/NDF : 531509.0/12

diff_bpm0l01X_mean vs slug



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

Left Out: 22.340 $\pm$ 2.921 χ^2 /NDF: 6.7/12

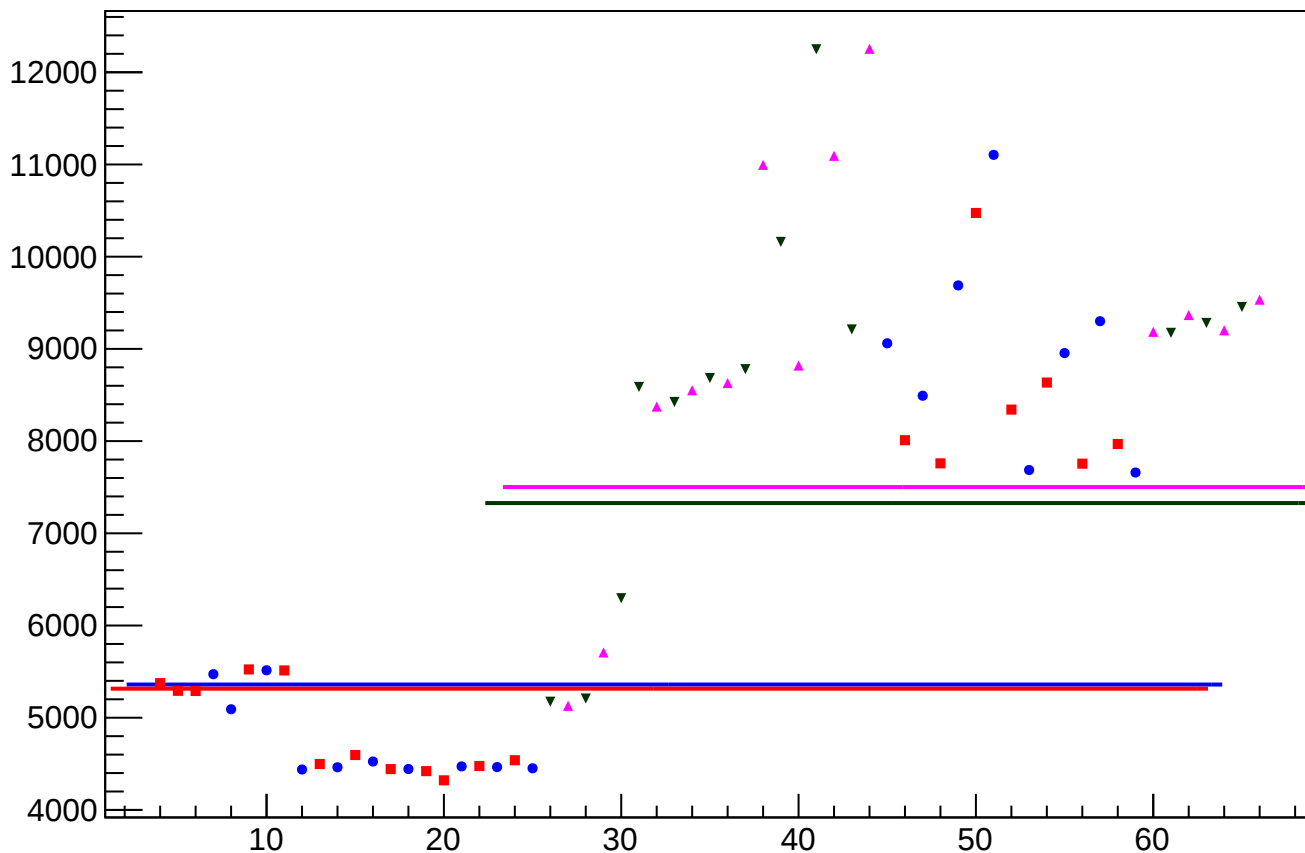
Right Out: 26.394 $\pm$ 1.742 χ^2 /NDF: 74.2/18

Left In: -4.406 $\pm$ 2.803 χ^2 /NDF: 8.4/12

-22.031 $\pm$ 1.452 χ^2 /NDF: 403.1/30

17.814 $\pm$ 1.480 χ^2 /NDF: 169.7/31

diff_bpm0l01X_rms vs slug



Right In: 5359.964 $\pm$ 1.184 χ^2 /NDF: 1859958.8/17

Left Out: 7327.995 $\pm$ 2.065 χ^2 /NDF: 983763.9/12

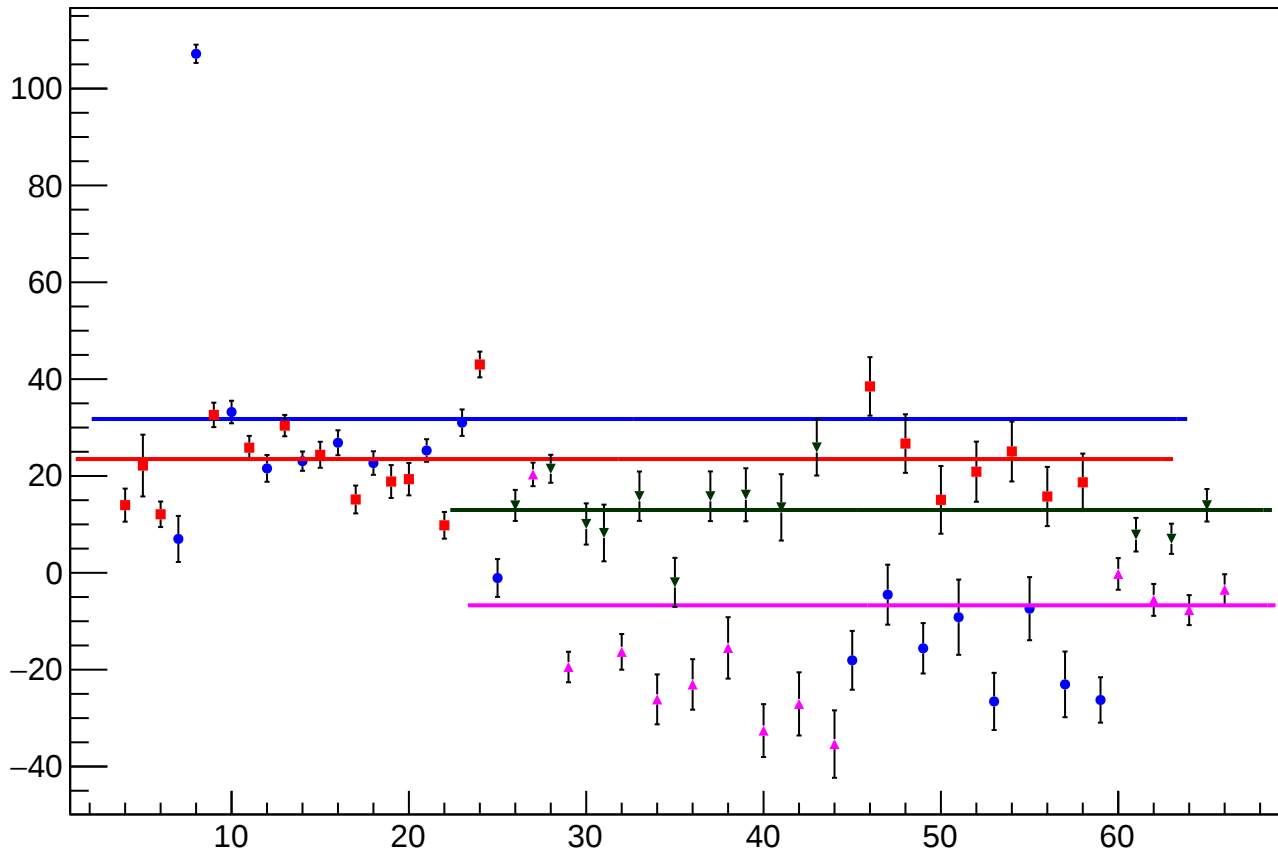
Right Out: 5315.062 $\pm$ 1.232 χ^2 /NDF: 1229938.4/18

Left In: 7501.469 $\pm$ 1.982 χ^2 /NDF: 1134456.0/12

5846.611 $\pm$ 1.027 χ^2 /NDF: 3527252.5/30

5924.108 $\pm$ 1.046 χ^2 /NDF: 3242055.4/31

diff_bpm0l01Y_mean vs slug



Right In: 31.767 ± 0.741 $\chi^2/\text{NDF}: 2323.1/17$

Left Out: 12.974 ± 1.135 $\chi^2/\text{NDF}: 30.4/12$

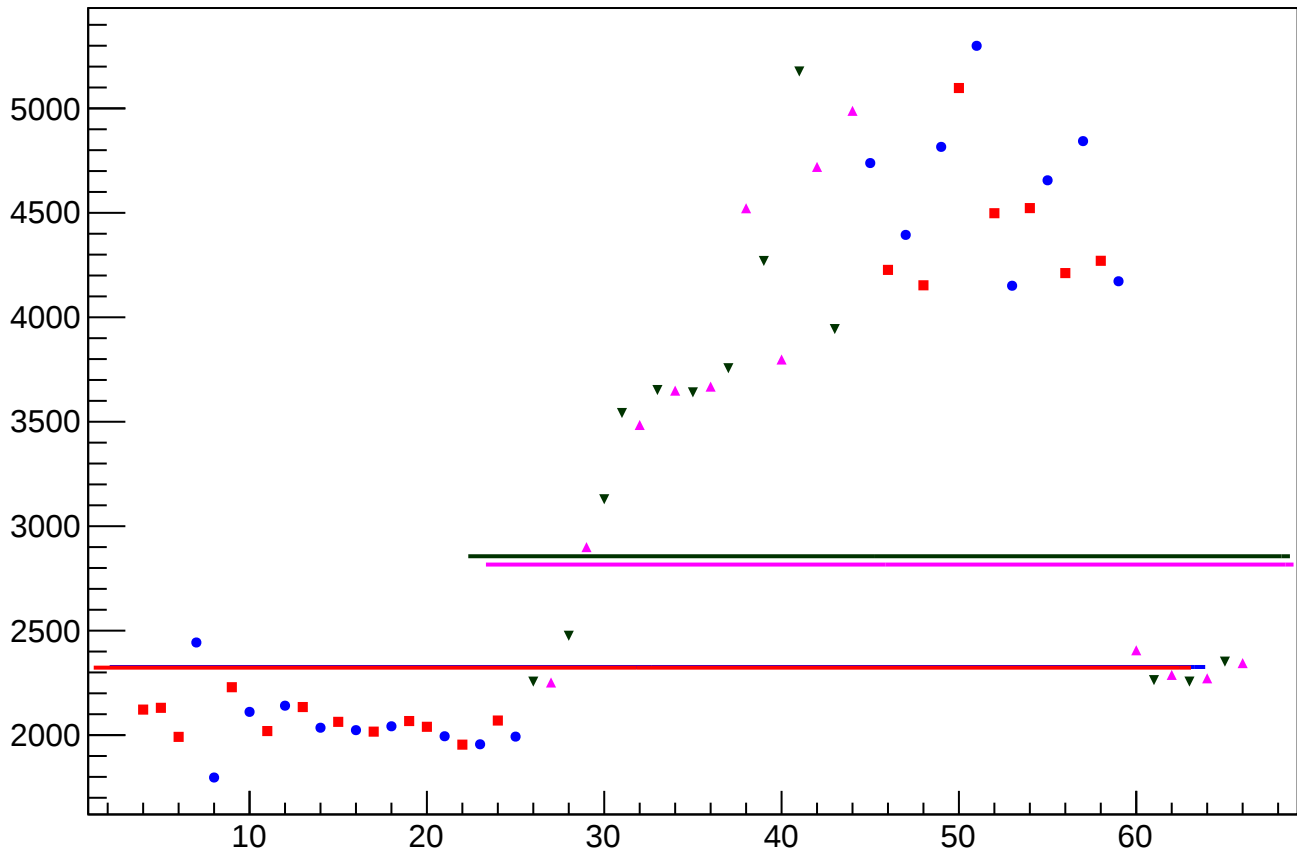
Right Out: 23.500 ± 0.773 $\chi^2/\text{NDF}: 151.3/18$

Left In: -6.708 ± 1.049 $\chi^2/\text{NDF}: 226.6/12$

26.155 ± 0.620 $\chi^2/\text{NDF}: 2545.7/30$

12.882 ± 0.622 $\chi^2/\text{NDF}: 915.2/31$

diff_bpm0l01Y_rms vs slug



Right In: 2326.082 $\pm$ 0.524 χ^2 /NDF: 2696546.0/17

Left Out: 2856.159 $\pm$ 0.803 χ^2 /NDF: 909489.1/12

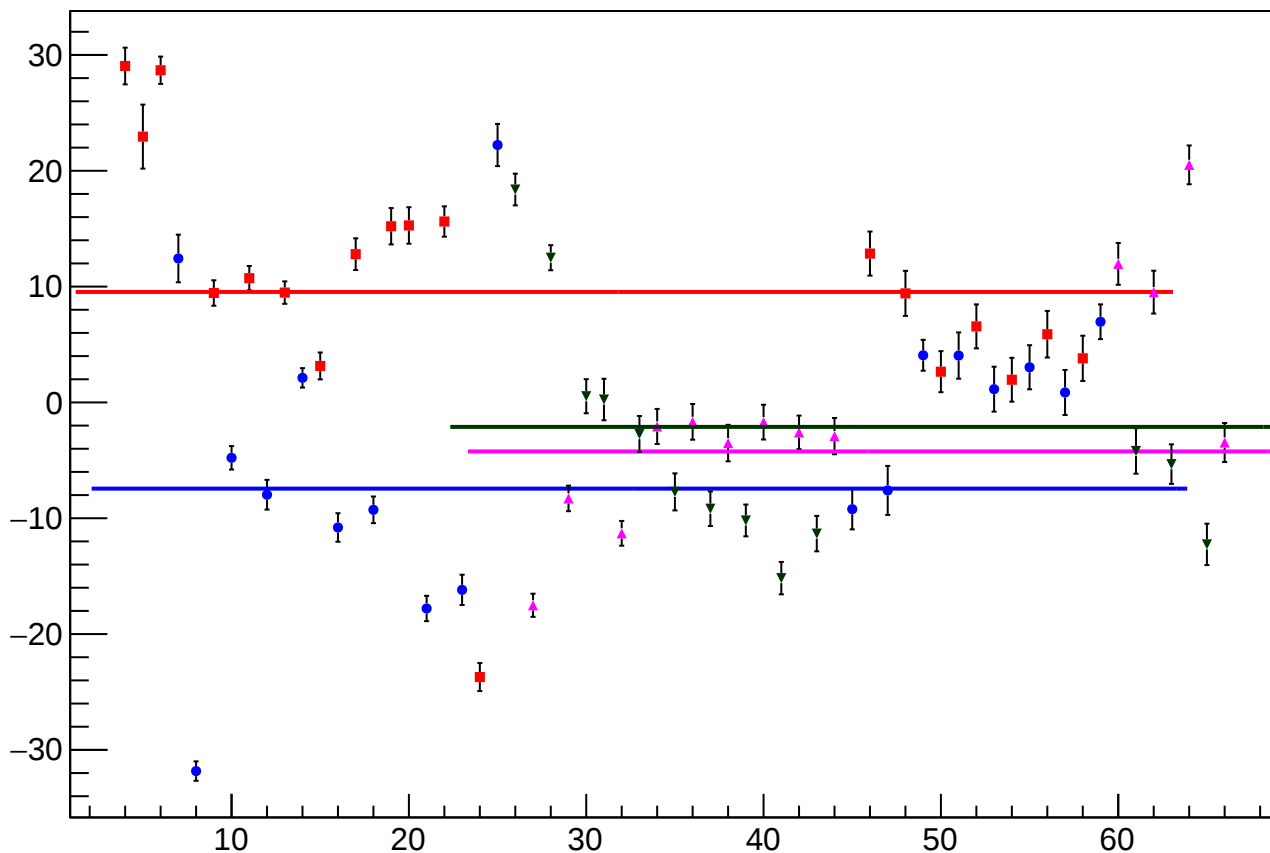
2484.374 $\pm$ 0.439 χ^2 /NDF: 3911807.1/30

Right Out: 2322.918 $\pm$ 0.546 χ^2 /NDF: 1810759.5/18

2496.353 $\pm$ 0.440 χ^2 /NDF: 3140097.8/31

Left In: 2816.352 $\pm$ 0.742 χ^2 /NDF: 1042609.2/12

diff_bpm2i01X_mean vs slug



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

Left Out: -2.112+/-0.415 χ^2 /NDF:640.8/12

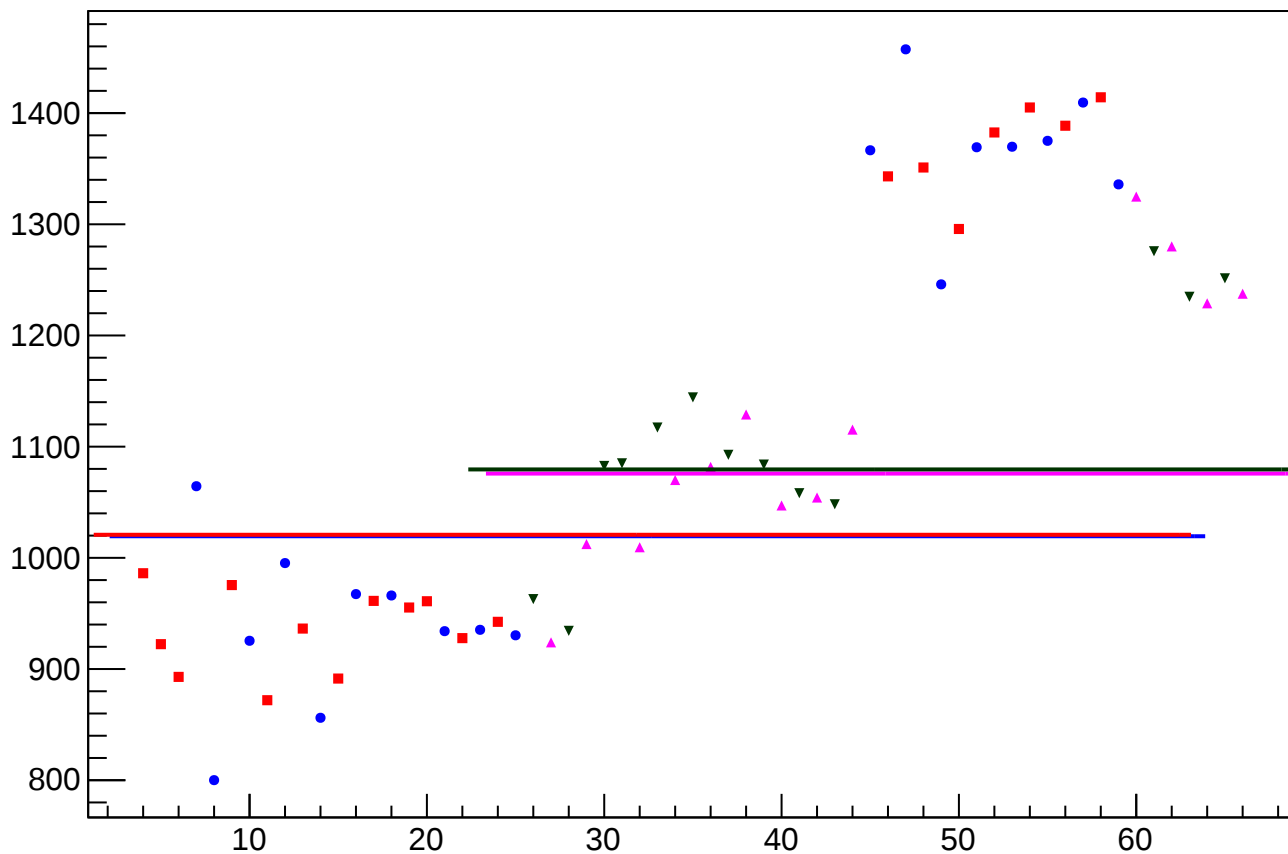
Right Out: 9.540+/-0.328 χ^2 /NDF: 1327.8/18

Left In: -4.232+/-0.389 χ^2 /NDF:598.4/12

-5.536+/-0.248 χ^2 /NDF: 2500.5/30

3.828+/-0.251 χ^2 /NDF: 2658.9/31

diff_bpm2i01X_rms vs slug



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

Left Out: 1079.517+/-0.294 χ^2/NDF :111433.2/12

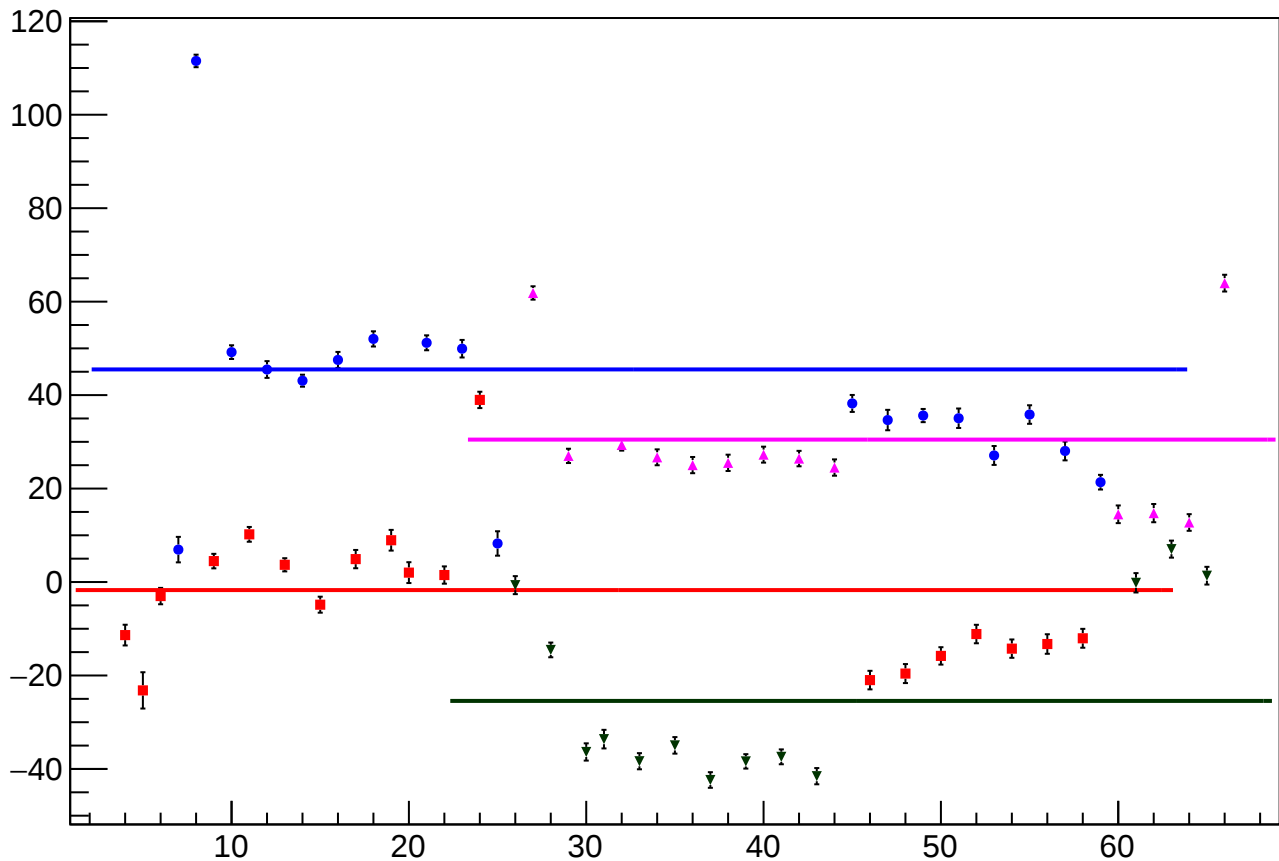
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1075.794+/-0.275 χ^2/NDF :162924.2/12

1040.912+/-0.176 χ^2/NDF : 991196.9/30

1043.577+/-0.177 χ^2/NDF : 791410.7/31

diff_bpm2i01Y_mean vs slug



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

Left Out: -25.441+/-0.489 χ^2/NDF :1331.2/12

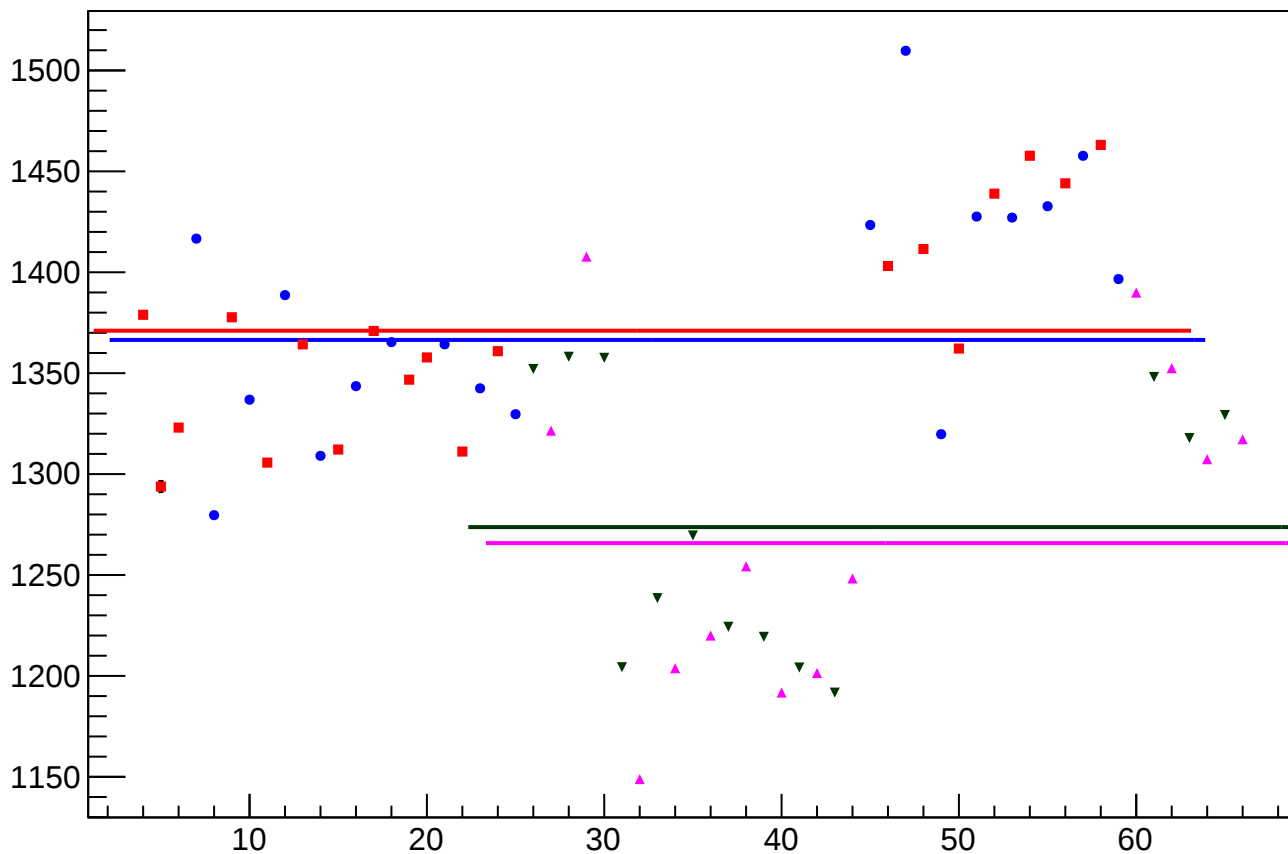
Right Out: -1.724+/-0.434 χ^2/NDF : 1071.7/18

Left In: 30.479+/-0.456 χ^2/NDF :1116.1/12

16.355+/-0.313 χ^2/NDF : 17155.3/30

13.575+/-0.314 χ^2/NDF : 4804.3/31

diff_bpm2i01Y_rms vs slug



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

Left Out: 1273.728+/-0.345 χ^2/NDF : 34435.4/12

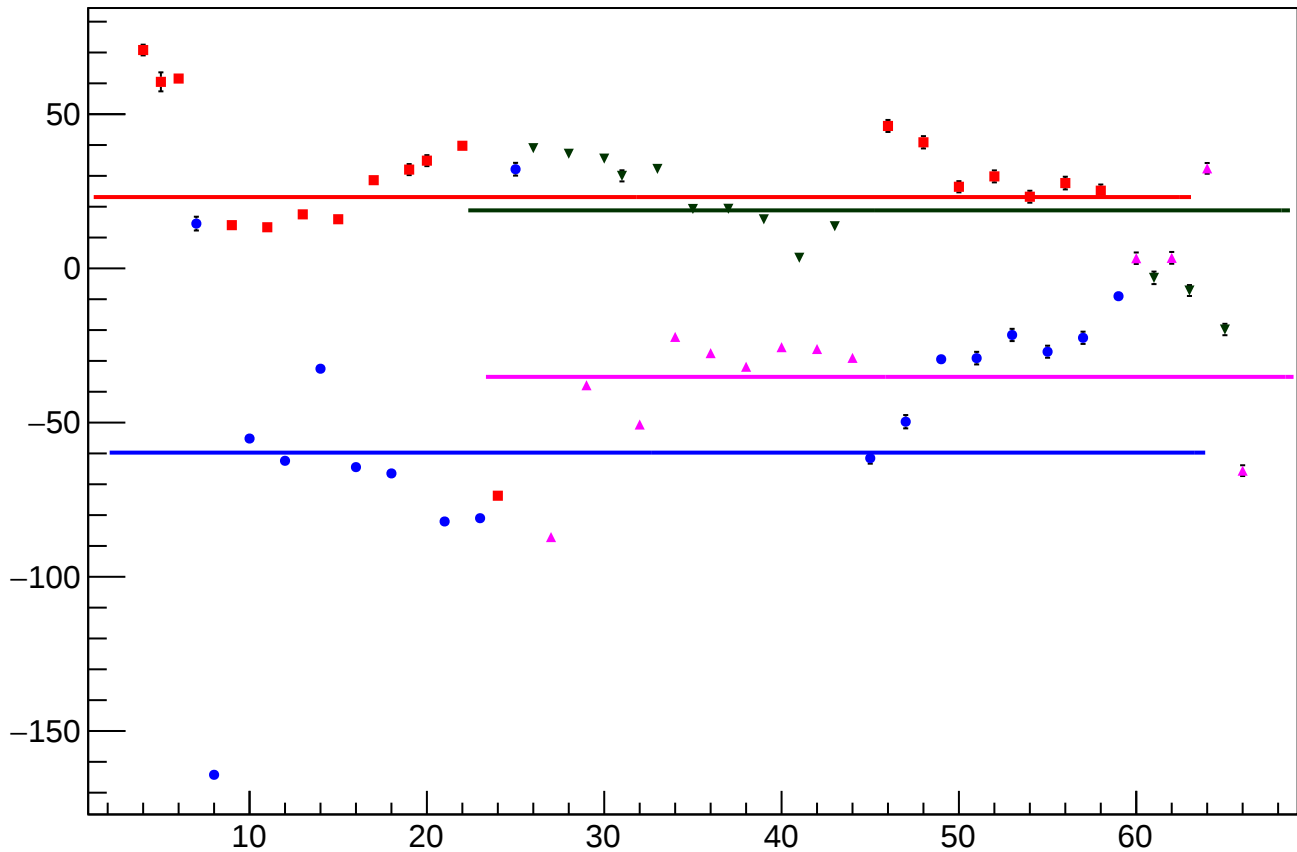
Right Out: 1371.055+/-0.307 χ^2/NDF : 24860.5/18

Left In: 1265.813+/-0.323 χ^2/NDF : 65230.4/12

1328.374+/-0.221 χ^2/NDF : 115535.6/30

1321.054+/-0.222 χ^2/NDF : 145981.6/31

diff_bpm2i02X_mean vs slug



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

Left Out: 18.812 ± 0.434 $\chi^2/\text{NDF}: 1515.6/12$

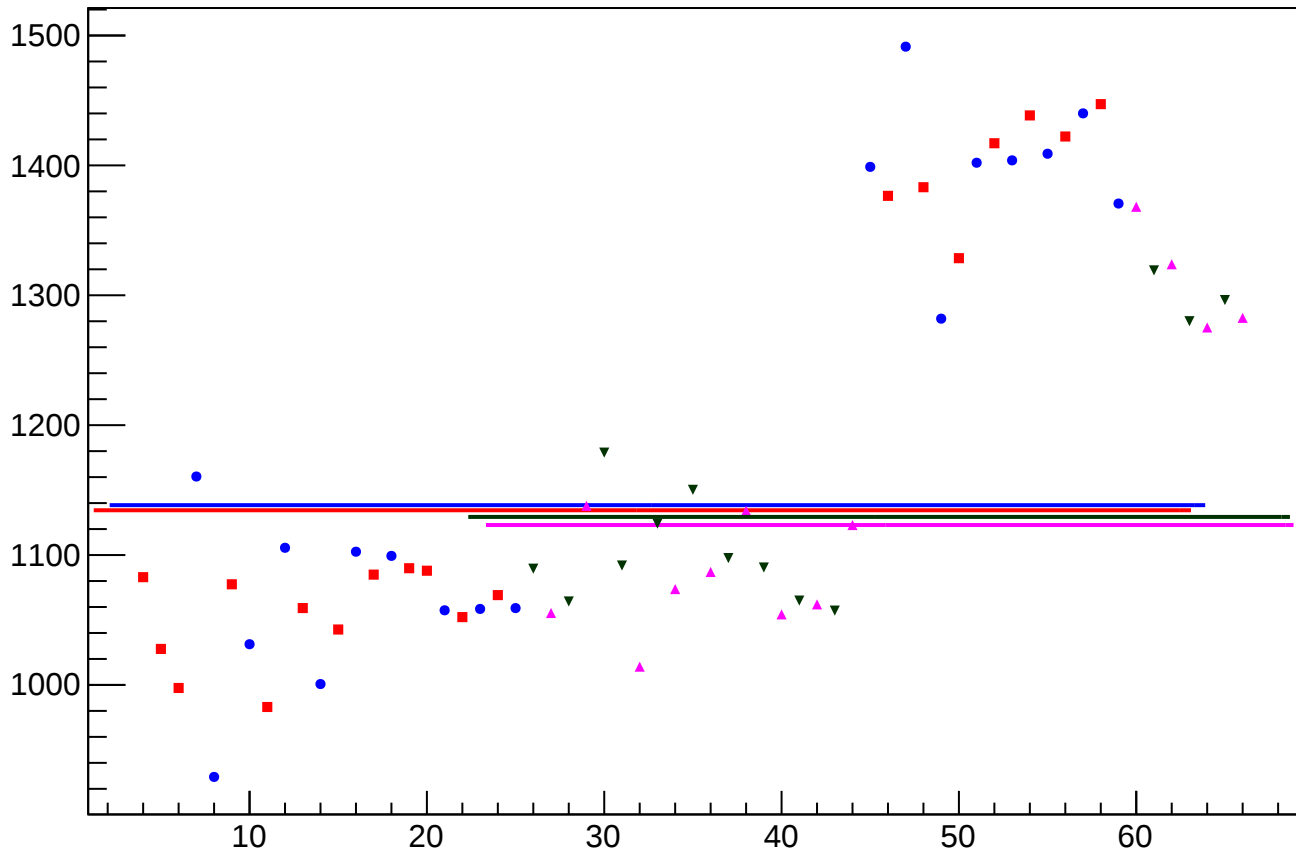
Right Out: 23.126 ± 0.362 $\chi^2/\text{NDF}: 7355.2/18$

Left In: -35.174 ± 0.406 $\chi^2/\text{NDF}: 5133.1/12$

-29.508 ± 0.269 $\chi^2/\text{NDF}: 40442.9/30$

-2.694 ± 0.270 $\chi^2/\text{NDF}: 23987.8/31$

diff_bpm2i02X_rms vs slug



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

Left Out: 1129.353 $\pm$ 0.307 χ^2 /NDF: 69358.3/12

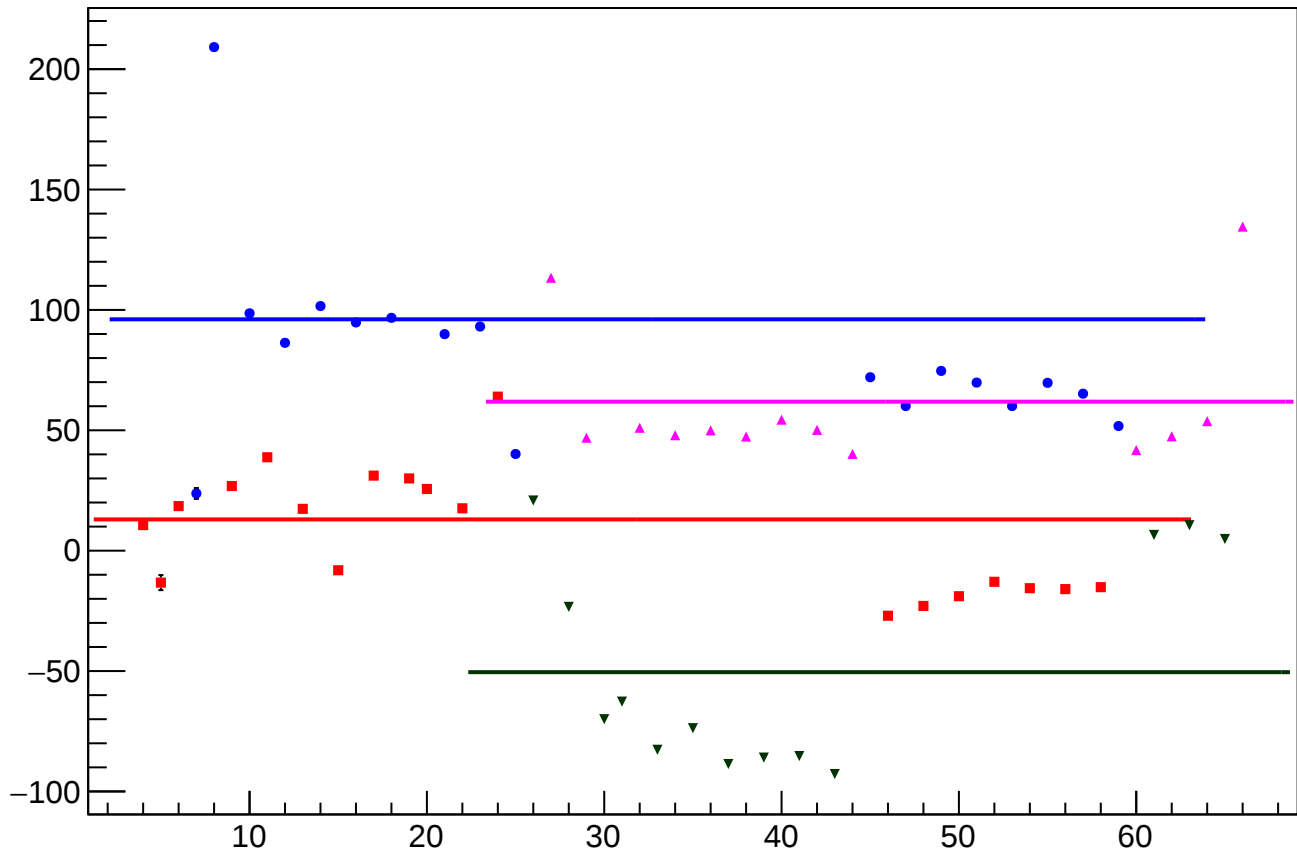
Right Out: 1134.479 $\pm$ 0.256 χ^2 /NDF: 360721.2/18

Left In: 1123.117 $\pm$ 0.287 χ^2 /NDF: 127583.2/12

1134.925 $\pm$ 0.190 χ^2 /NDF: 557970.3/30

1129.447 $\pm$ 0.191 χ^2 /NDF: 489177.9/31

diff_bpm2i02Y_mean vs slug



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

Left Out: -50.460 $\pm$ 0.433 χ^2 /NDF: 9175.4/12

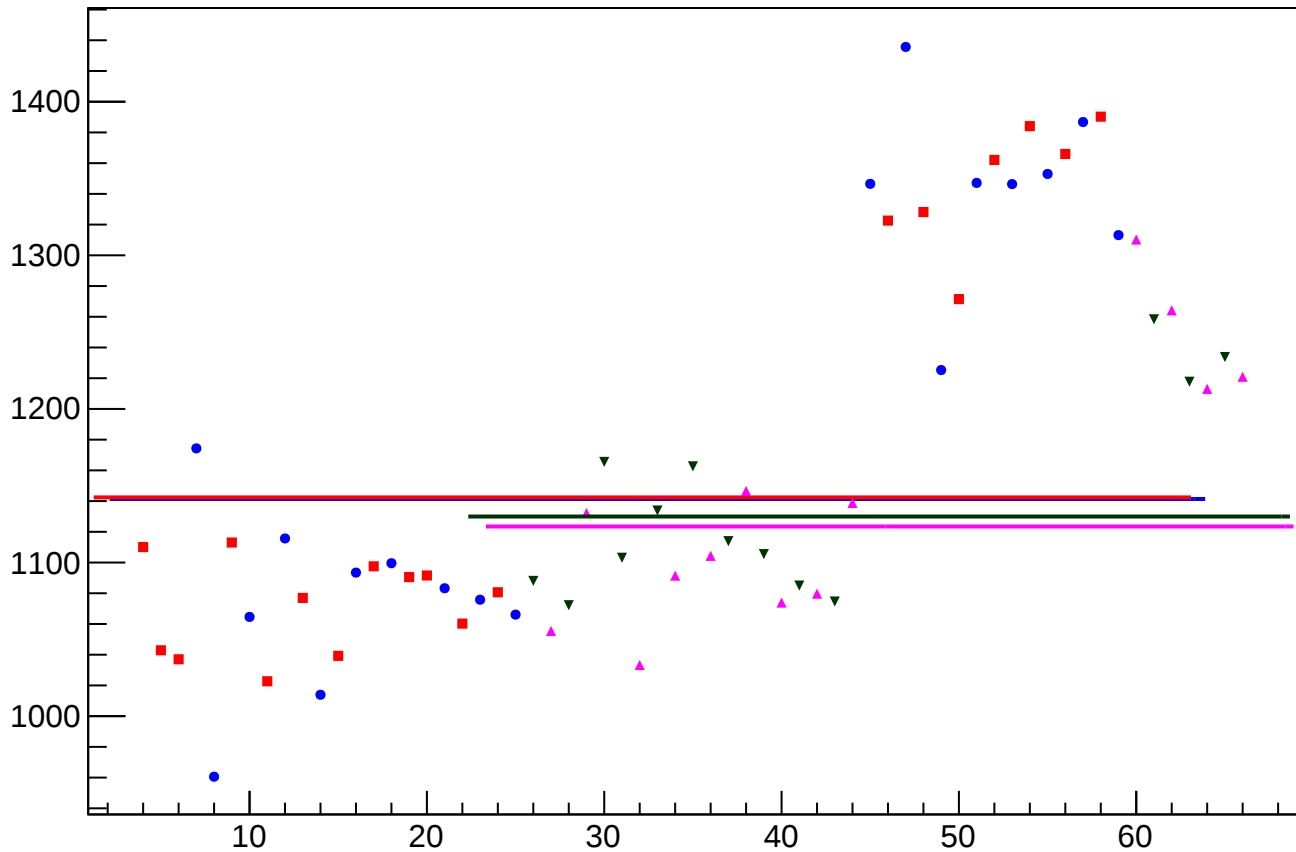
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 61.889 $\pm$ 0.405 χ^2 /NDF: 4899.4/12

39.686 $\pm$ 0.269 χ^2 /NDF: 96611.2/30

34.786 $\pm$ 0.270 χ^2 /NDF: 17516.5/31

diff_bpm2i02Y_rms vs slug



Right In: 1141.379 $\pm$ 0.242 χ^2 /NDF: 329306.4/17

Left Out: 1129.961 $\pm$ 0.306 χ^2 /NDF:34521.1/12

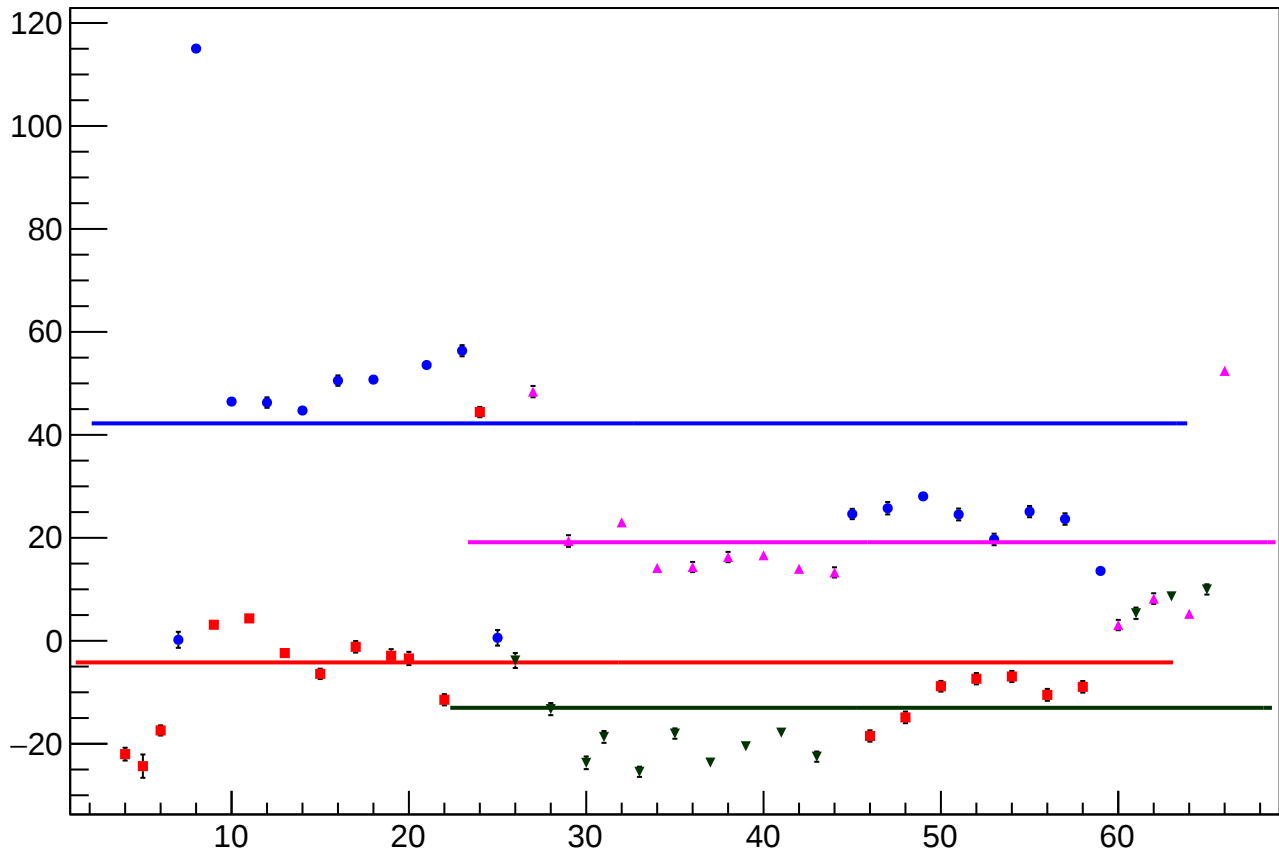
1136.984 $\pm$ 0.190 χ^2 /NDF: 364681.2/30

Right Out: 1142.390 $\pm$ 0.257 χ^2 /NDF: 236212.3/18

1133.958 $\pm$ 0.191 χ^2 /NDF: 311539.6/31

Left In: 1123.472 $\pm$ 0.286 χ^2 /NDF:72909.8/12

diff_bpm1i04X_mean vs slug



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

Left Out: -13.013+/-0.287 χ^2/NDF : 1954.2/12

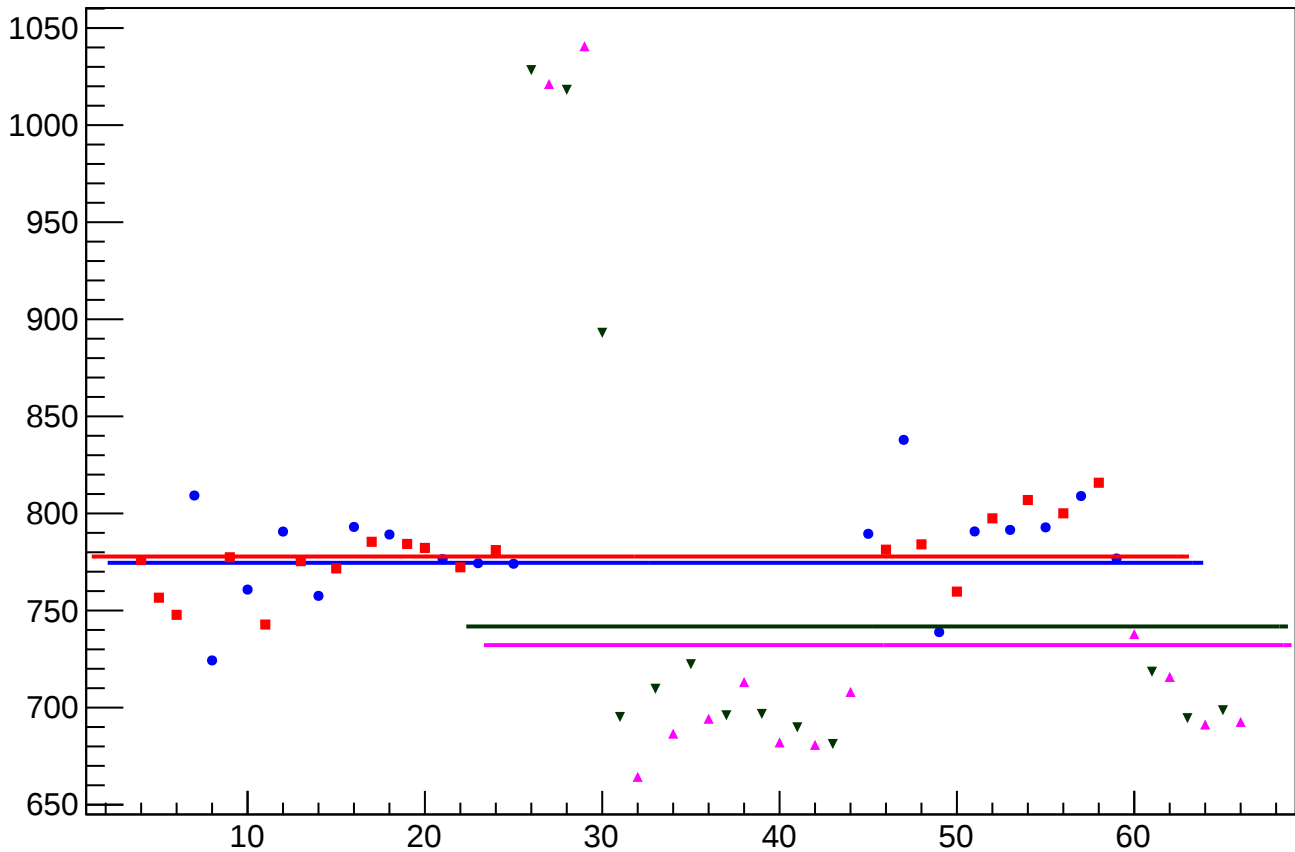
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 19.146+/-0.266 χ^2/NDF : 2696.1/12

20.531+/-0.180 χ^2/NDF : 38737.6/30

6.551+/-0.181 χ^2/NDF : 10228.4/31

diff_bpm1i04X_rms vs slug



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

Left Out: 741.792+/-0.203 χ^2/NDF : 256775.4/12

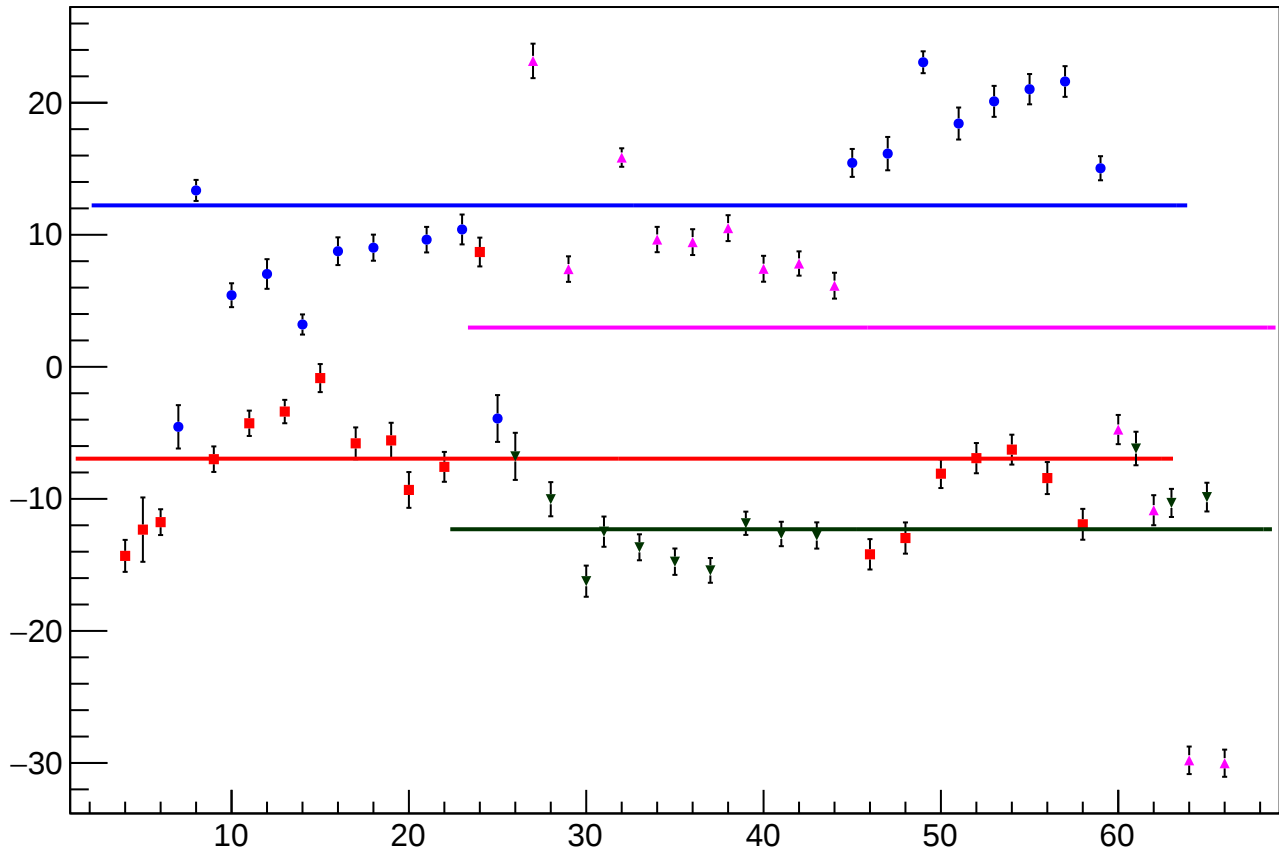
Right Out: 777.816+/-0.174 χ^2/NDF : 11180.5/18

Left In: 732.173+/-0.188 χ^2/NDF : 333895.2/12

761.701+/-0.127 χ^2/NDF : 298982.6/30

756.800+/-0.128 χ^2/NDF : 376837.6/31

diff_bpm1i04Y_mean vs slug



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

Left Out: -12.299 $\pm$ 0.296 χ^2 /NDF: 75.2/12

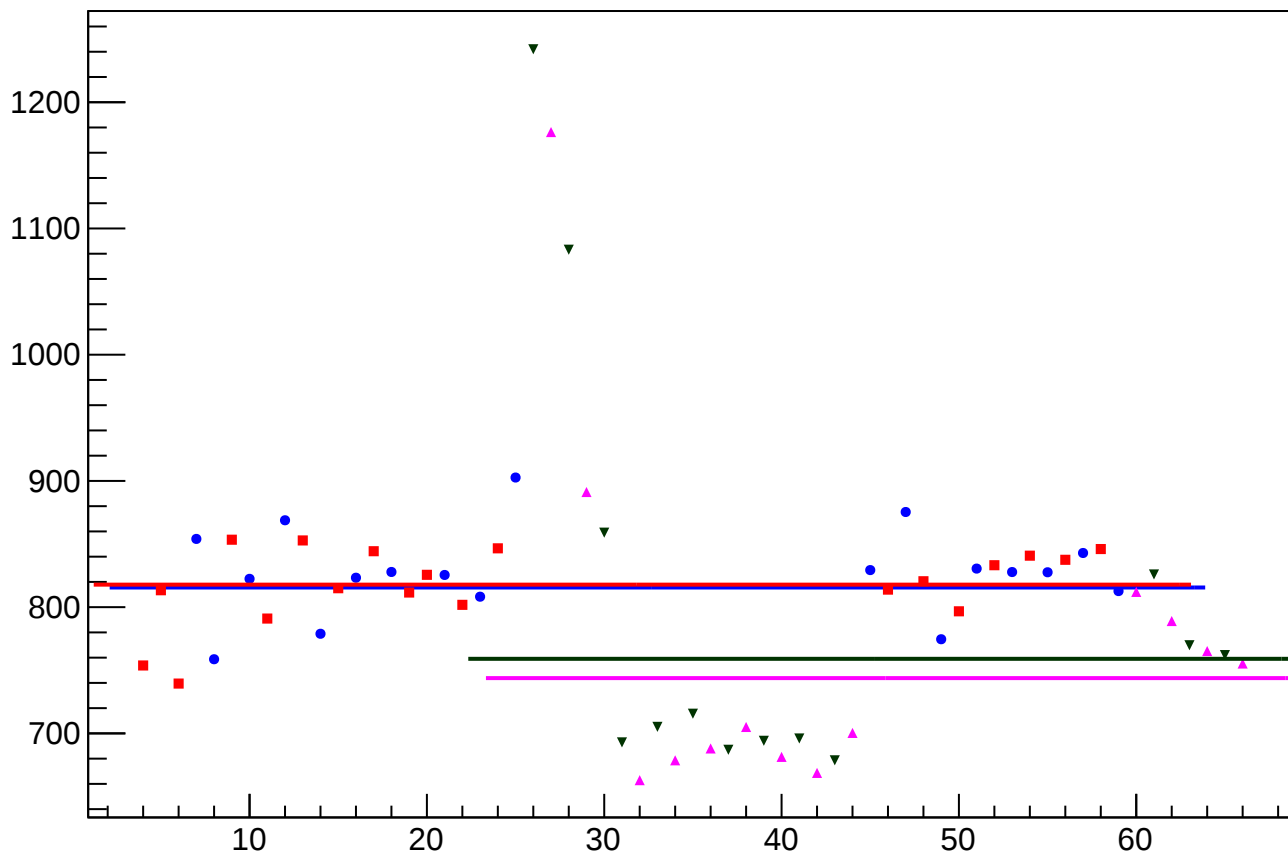
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

Left In: 2.975 $\pm$ 0.271 χ^2 /NDF: 3020.4/12

2.341 $\pm$ 0.188 χ^2 /NDF: 4997.2/30

-2.220 $\pm$ 0.187 χ^2 /NDF: 4141.4/31

diff_bpm1i04Y_rms vs slug



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

Left Out: 759.077 $\pm$ 0.210 χ^2 /NDF:353855.6/12

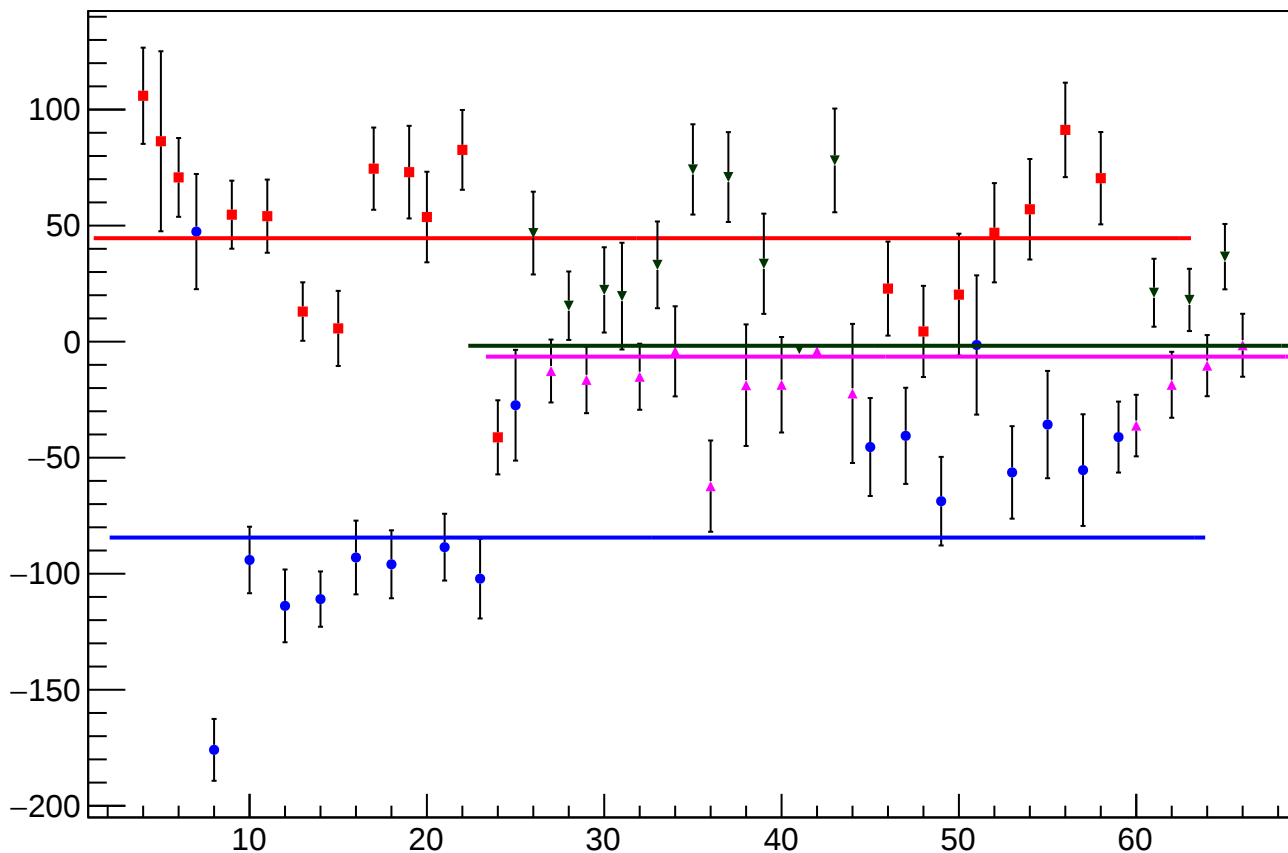
Right Out: 817.840 $\pm$ 0.183 χ^2 /NDF: 32410.2/18

Left In: 743.796 $\pm$ 0.192 χ^2 /NDF:348748.4/12

792.803 $\pm$ 0.133 χ^2 /NDF: 434895.7/30

782.538 $\pm$ 0.133 χ^2 /NDF: 459059.8/31

diff_bpm0l02X_mean vs slug



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

Left Out: -1.778 ± 0.965 χ^2/NDF : 73.8/12

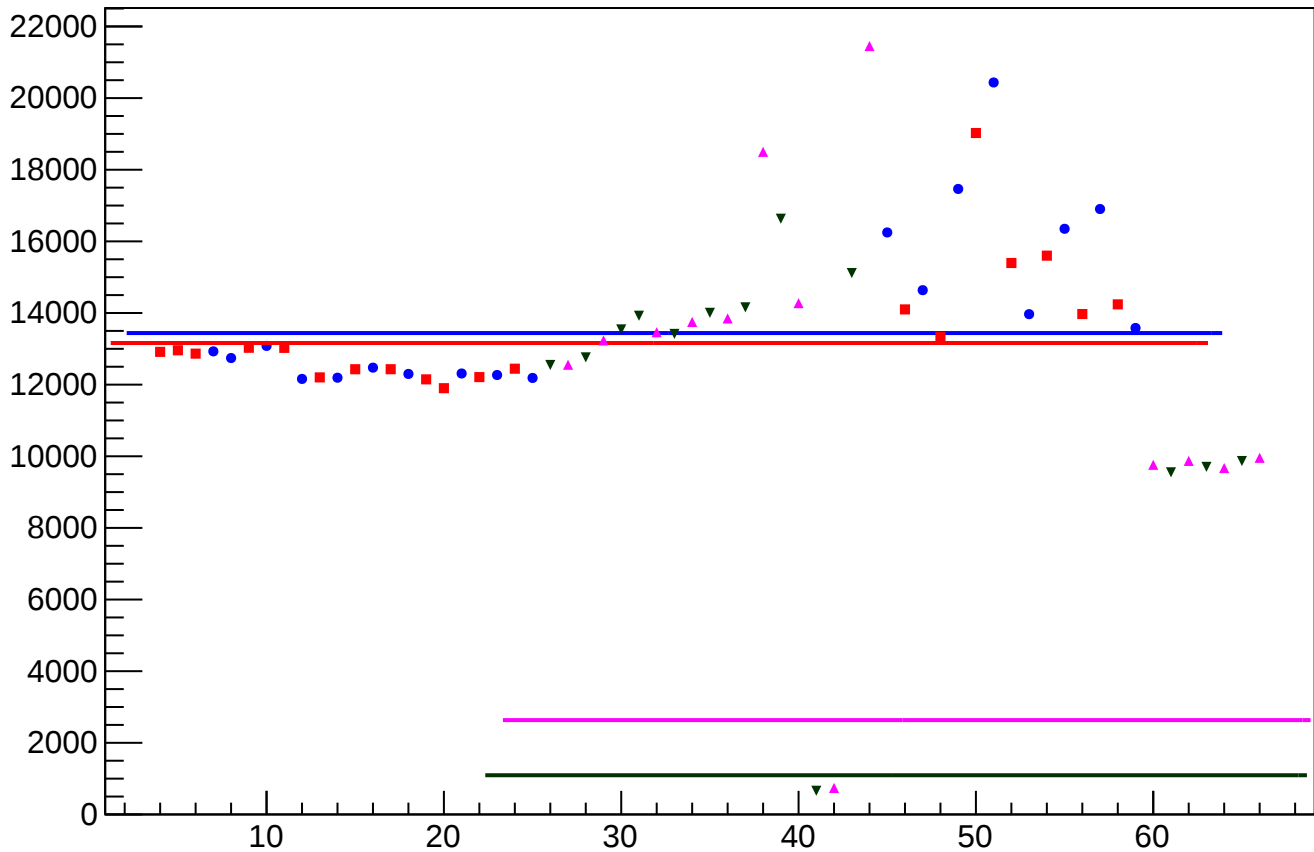
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -6.460 ± 1.881 χ^2/NDF : 17.2/12

-6.196 ± 0.939 χ^2/NDF : 590.1/30

2.056 ± 1.717 χ^2/NDF : 217.6/31

diff_bpm0l02X_rms vs slug



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

Left Out: 1094.773+/-0.682 χ^2/NDF :10756151.1/12

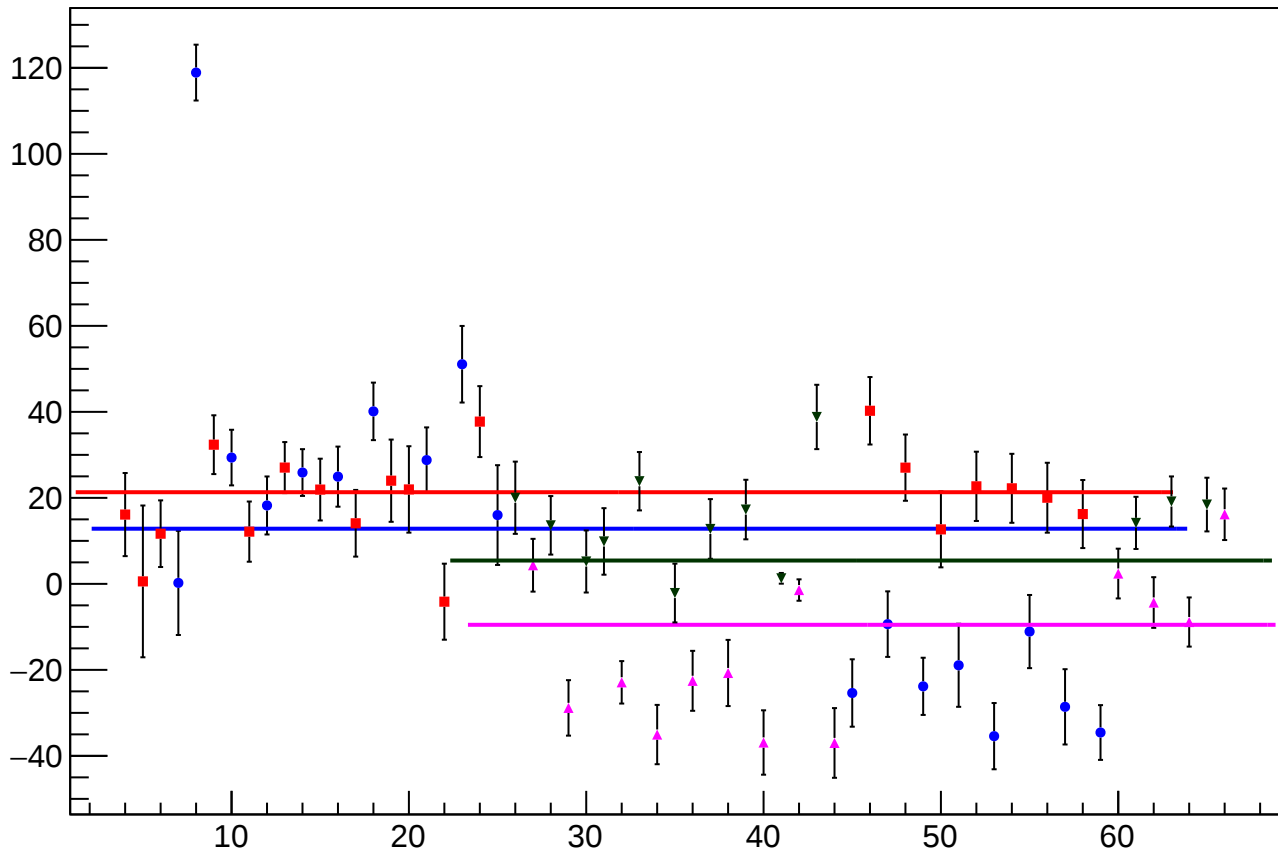
Right Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

Left In: 2634.071+/-1.330 χ^2/NDF :10728814.2/12

1754.786+/-0.664 χ^2/NDF : 28664344.0/30

4391.135+/-1.214 χ^2/NDF : 21391218.8/31

diff_bpm0l02Y_mean vs slug



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

Left Out: 5.427+/-1.054 χ^2/NDF : 60.4/12

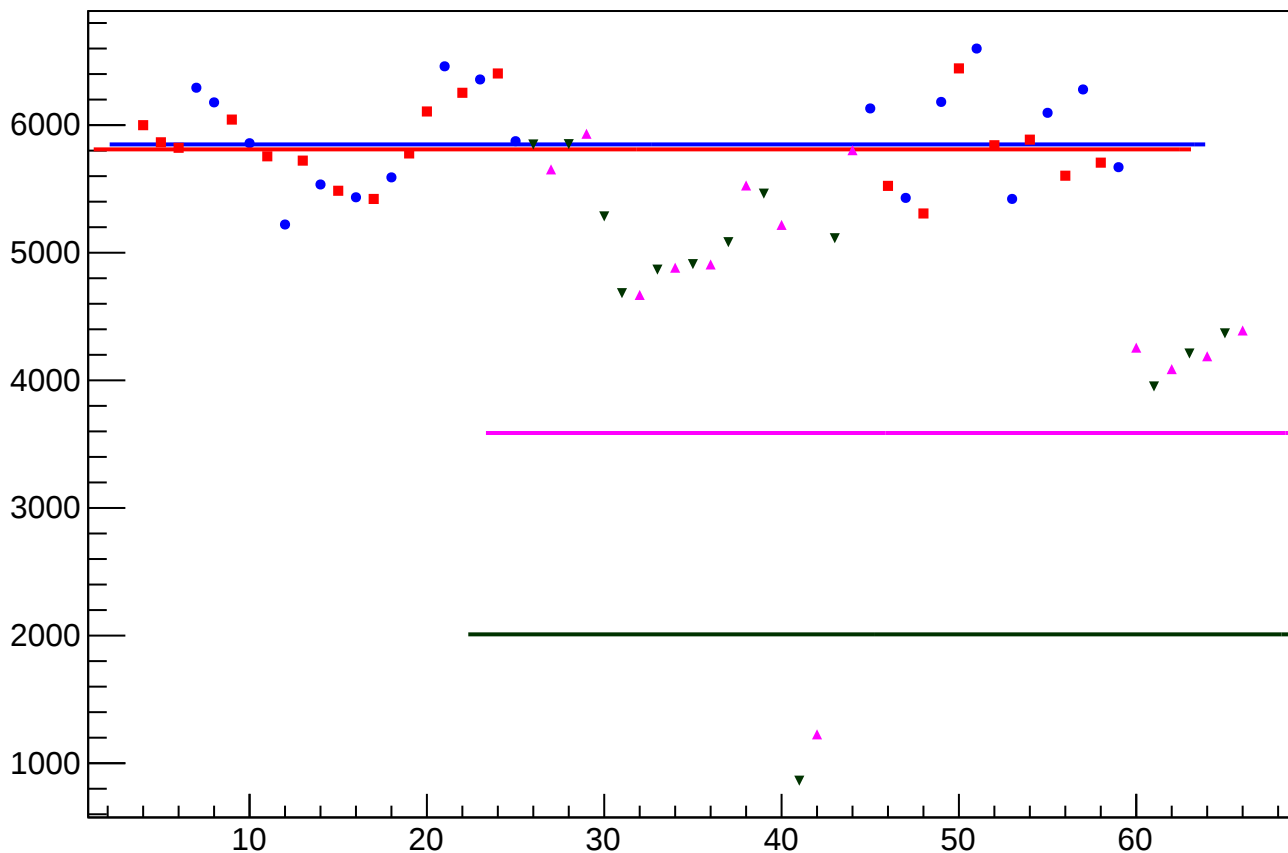
7.392+/-0.903 χ^2/NDF : 595.2/30

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

2.455+/-1.151 χ^2/NDF : 299.5/31

Left In: -9.521+/-1.472 χ^2/NDF : 99.6/12

diff_bpm0l02Y_rms vs slug



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

Left Out: 2009.683+/-0.745 χ^2/NDF :6124921.2/12

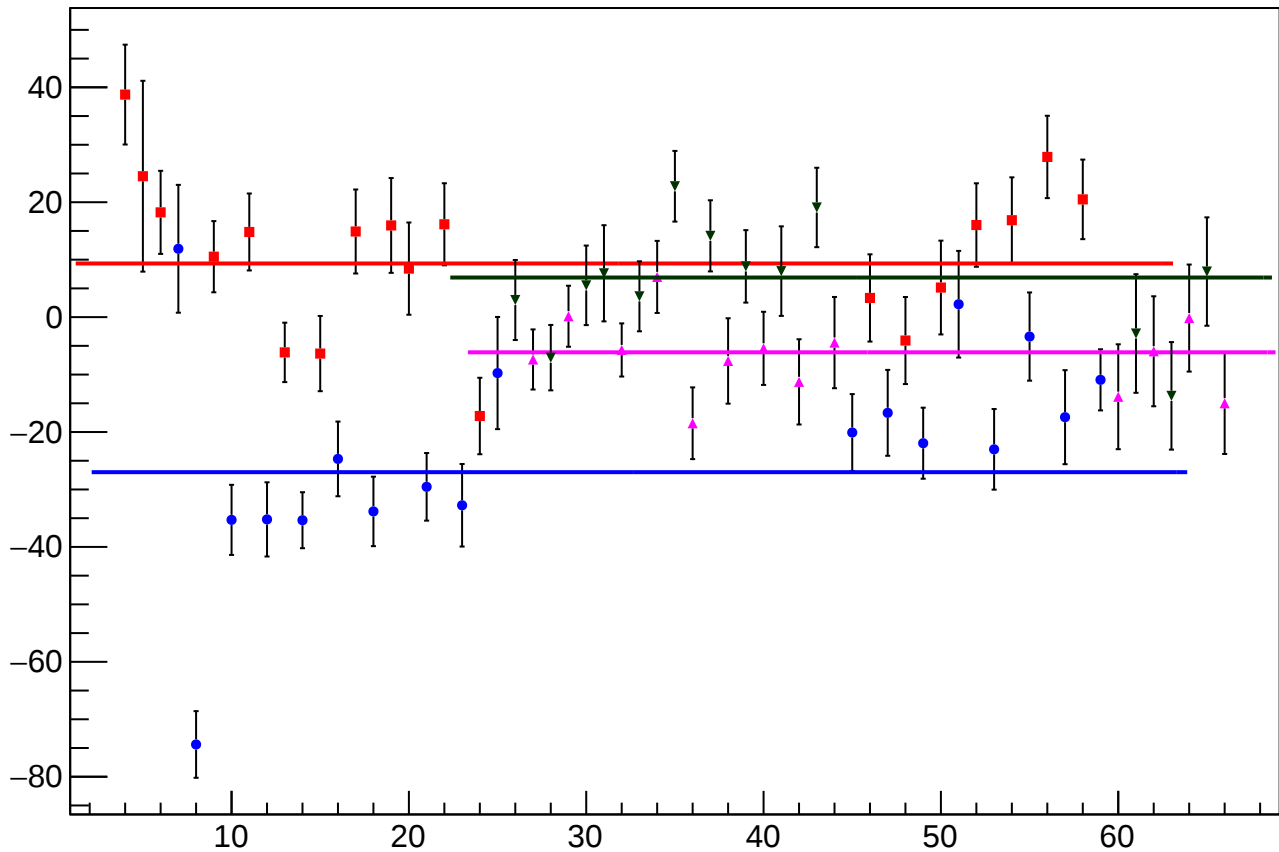
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3587.464+/-1.041 χ^2/NDF :2998312.8/12

3028.963+/-0.638 χ^2/NDF : 13276216.0/30

4450.570+/-0.814 χ^2/NDF : 4822499.9/31

diff_bpm0l03X_mean vs slug



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

Left Out: 6.892 ± 1.959 χ^2/NDF : 23.7/12

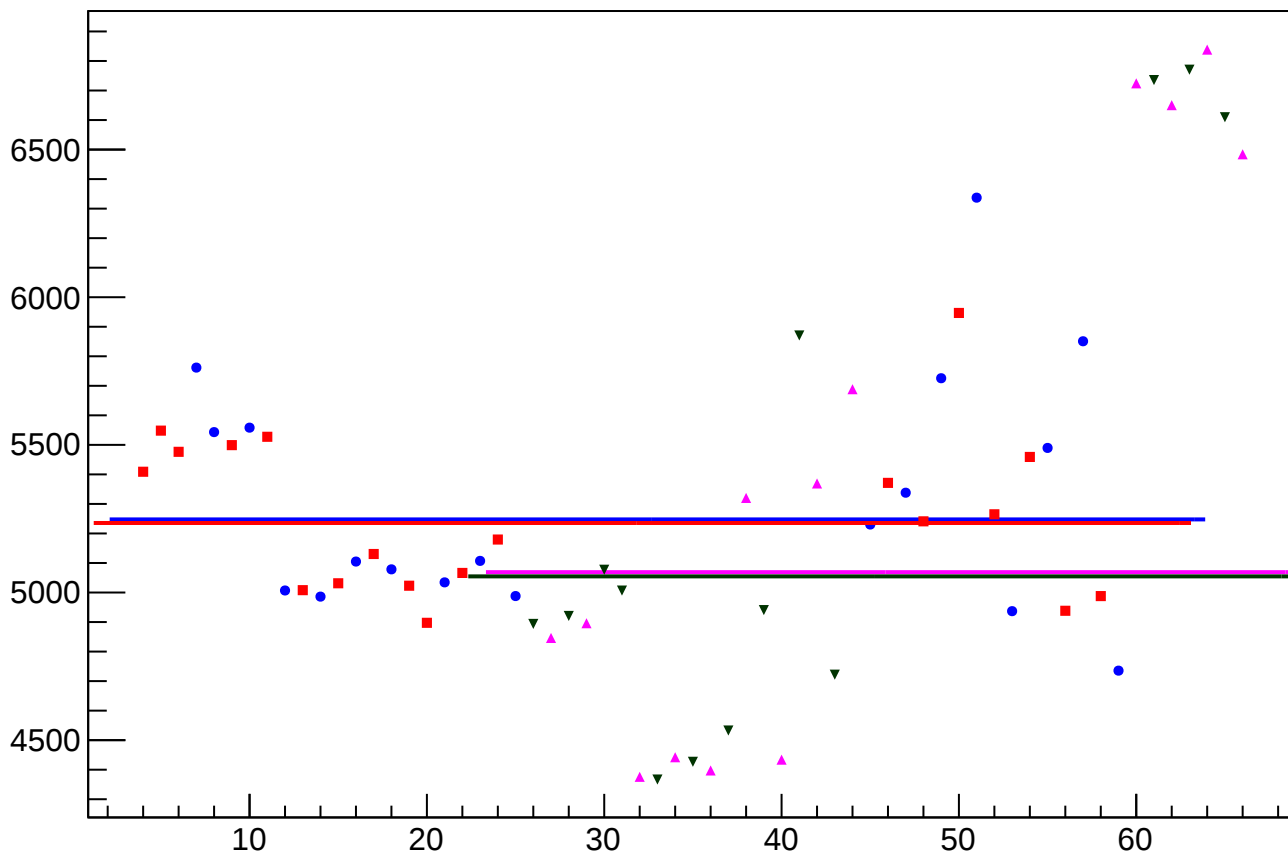
Right Out: 9.337 ± 1.659 χ^2/NDF : 62.4/18

Left In: -6.125 ± 1.845 χ^2/NDF : 12.5/12

-13.742 ± 1.225 χ^2/NDF : 330.4/30

2.421 ± 1.234 χ^2/NDF : 113.7/31

diff_bpm0l03X_rms vs slug



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

Left Out: 5054.654 $\pm$ 1.385 χ^2 /NDF: 264614.9/12

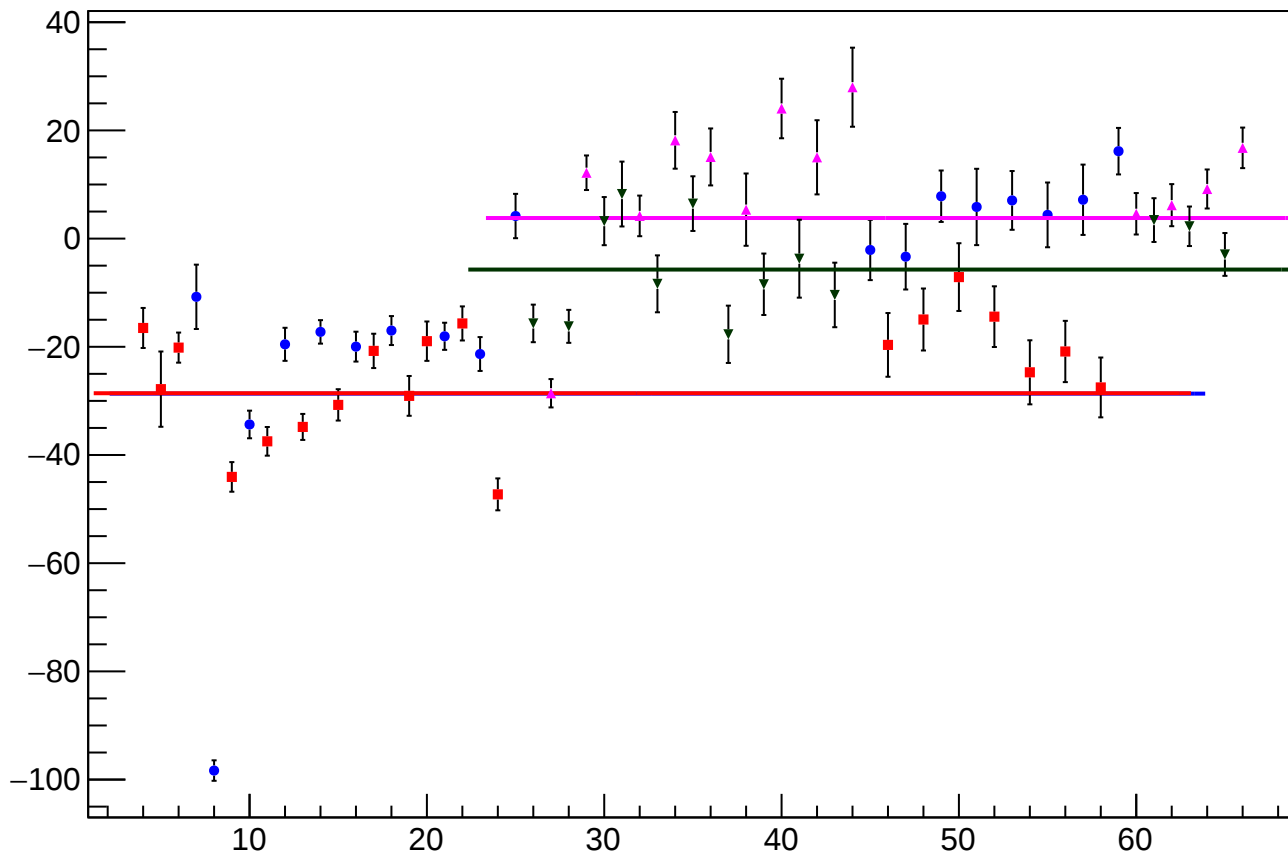
Right Out: 5235.469 $\pm$ 1.173 χ^2 /NDF: 47165.0/18

Left In: 5068.940 $\pm$ 1.305 χ^2 /NDF: 375191.5/12

5172.143 $\pm$ 0.866 χ^2 /NDF: 382059.9/30

5160.989 $\pm$ 0.872 χ^2 /NDF: 431364.1/31

diff_bpm0l03Y_mean vs slug



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

Left Out: -5.723 $\pm$ 1.233 χ^2 /NDF: 52.1/12

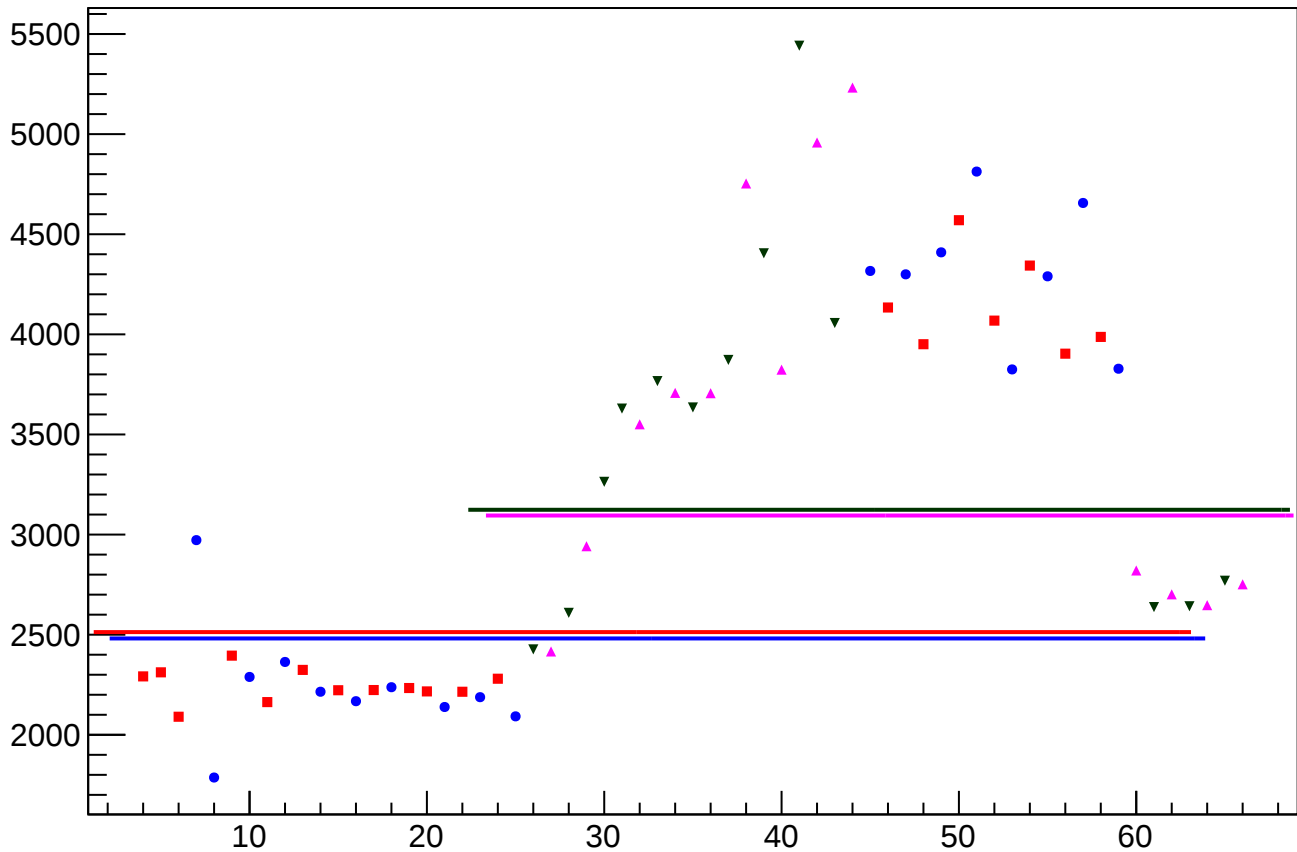
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 3.805 $\pm$ 1.144 χ^2 /NDF: 213.6/12

-22.074 $\pm$ 0.660 χ^2 /NDF: 2156.5/30

-17.472 $\pm$ 0.670 χ^2 /NDF: 909.3/31

diff_bpm0l03Y_rms vs slug



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

Left Out: 3123.863 $\pm$ 0.872 χ^2 /NDF:681942.4/12

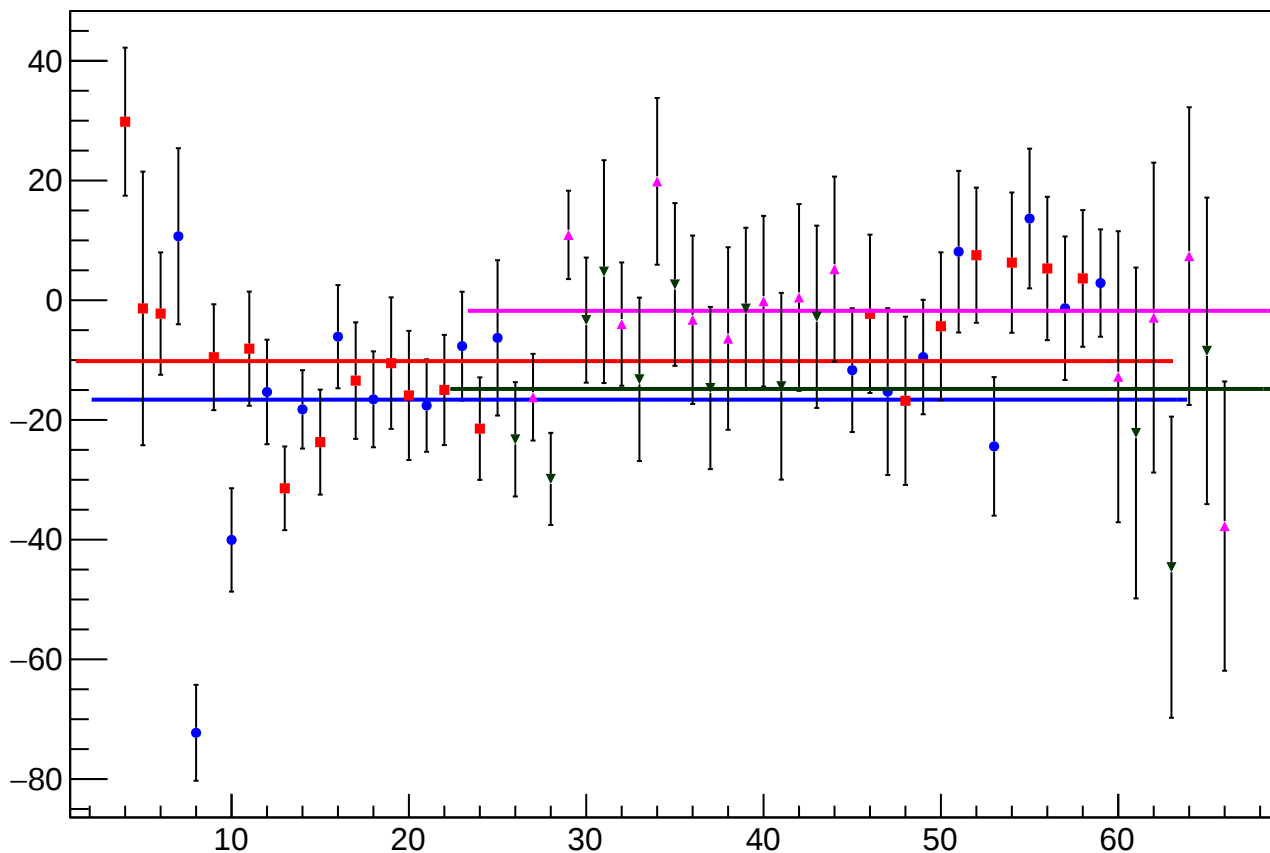
2665.665 $\pm$ 0.467 χ^2 /NDF: 3181997.1/30

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

2712.701 $\pm$ 0.474 χ^2 /NDF: 2417194.7/31

Left In: 3095.210 $\pm$ 0.809 χ^2 /NDF:777972.1/12

diff_bpm0l04X_mean vs slug



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

Left Out: -14.821 ± 3.665 $\chi^2/\text{NDF}: 11.7/12$

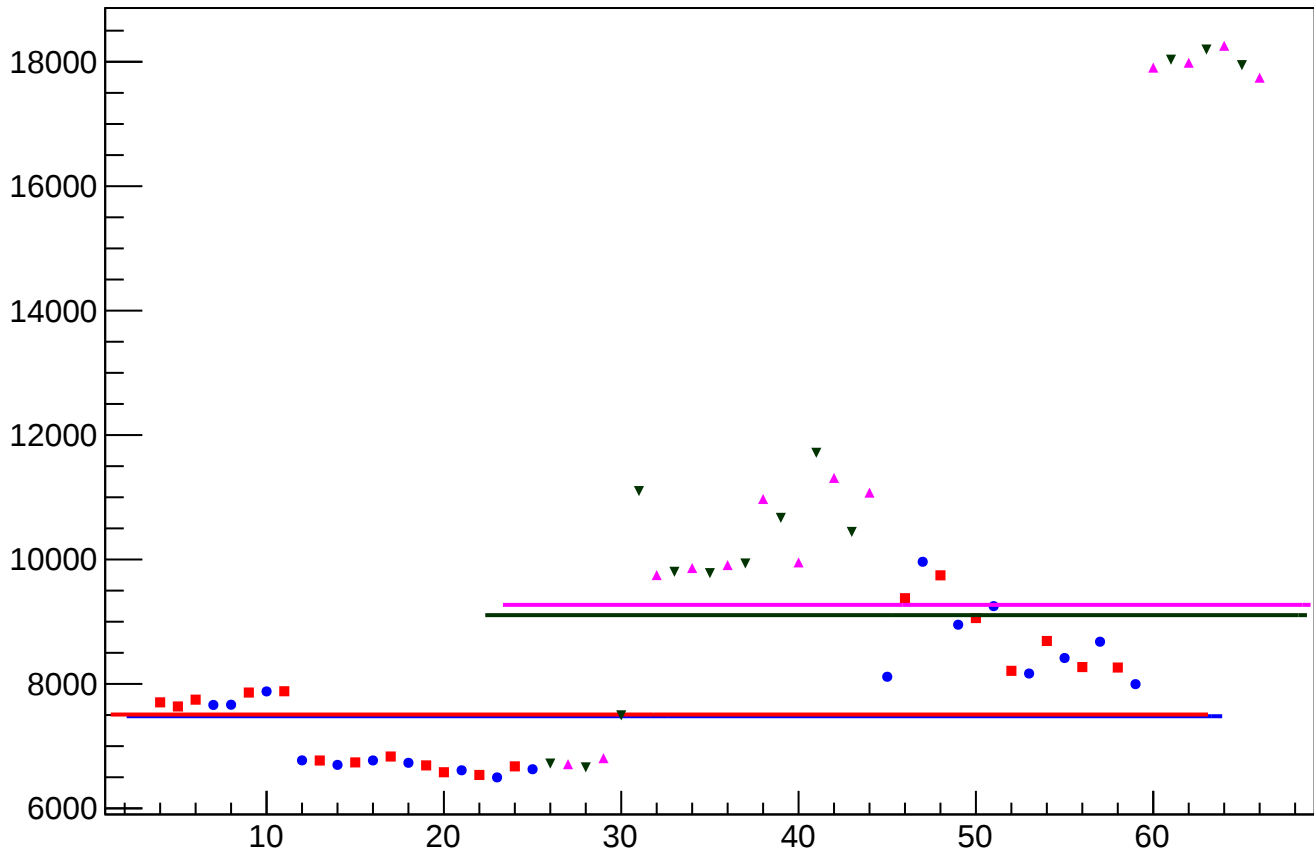
Right Out: -10.172 ± 2.389 $\chi^2/\text{NDF}: 33.7/18$

Left In: -1.771 ± 3.512 $\chi^2/\text{NDF}: 12.3/12$

-16.124 ± 1.912 $\chi^2/\text{NDF}: 91.8/30$

-7.514 ± 1.975 $\chi^2/\text{NDF}: 49.8/31$

diff_bpm0l04X_rms vs slug



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

Left Out: 9105.629+/-2.592 χ^2/NDF :1221489.0/12

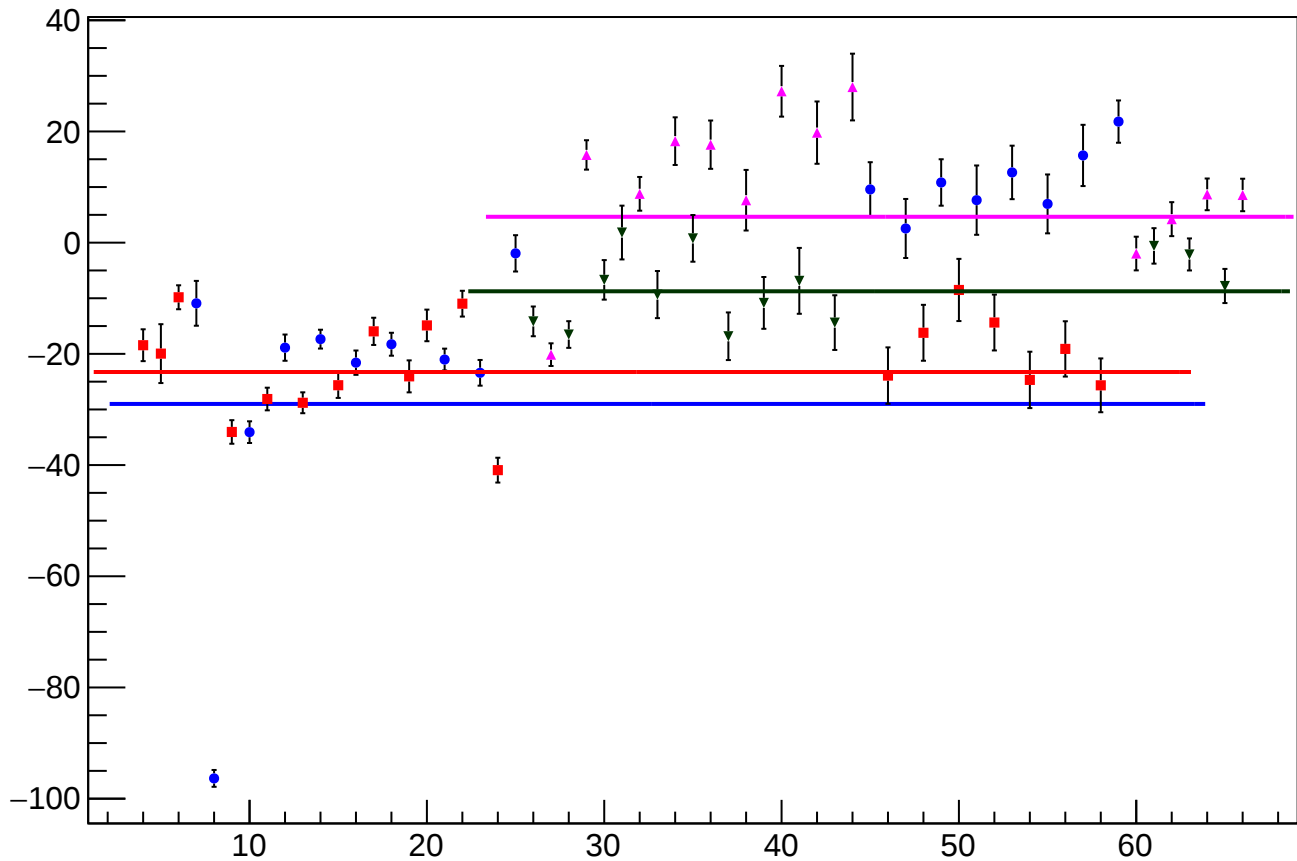
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 9270.834+/-2.483 χ^2/NDF :1561851.2/12

7923.064+/-1.352 χ^2/NDF : 1842408.0/30

8065.813+/-1.397 χ^2/NDF : 2195686.8/31

diff_bpm0l04Y_mean vs slug



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

Left Out: -8.747+/-0.979 χ^2/NDF : 42.0/12

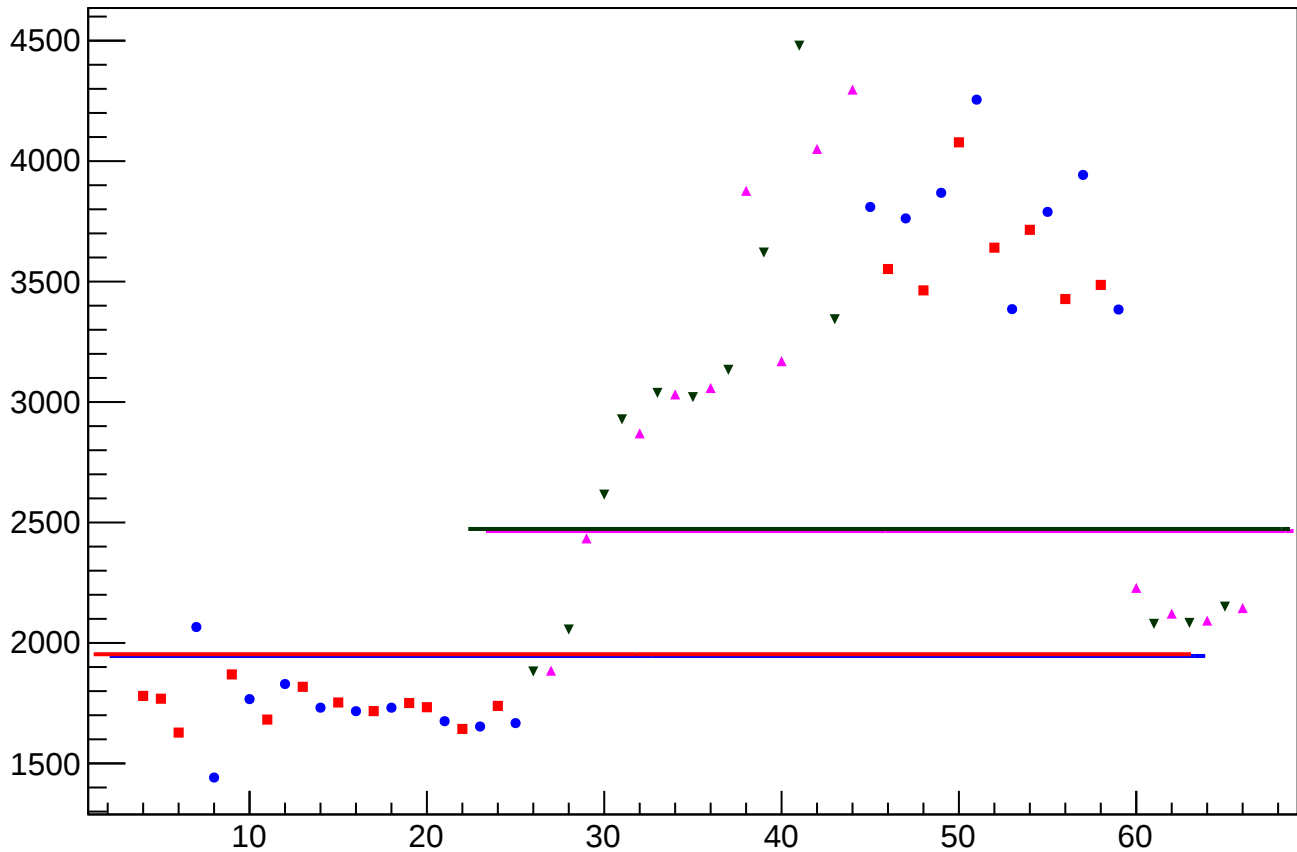
Right Out: -23.263+/-0.648 χ^2/NDF : 204.8/18

Left In: 4.654+/-0.914 χ^2/NDF : 242.4/12

-23.230+/-0.523 χ^2/NDF : 3140.1/30

-13.922+/-0.529 χ^2/NDF : 1068.3/31

diff_bpm0l04Y_rms vs slug



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

Left Out: 2473.168+/-0.692 χ^2/NDF : 798843.3/12

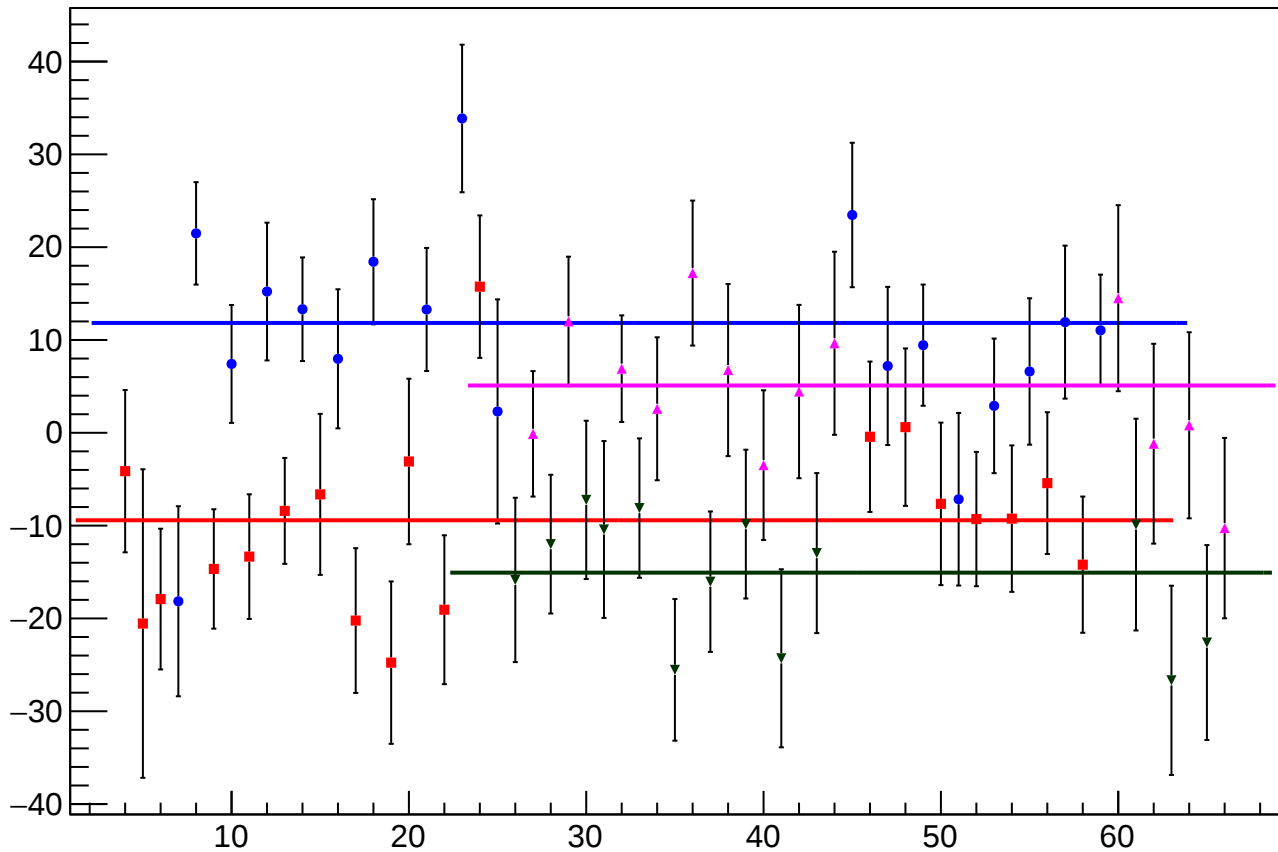
2096.218+/-0.370 χ^2/NDF : 3813069.4/30

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

2124.197+/-0.374 χ^2/NDF : 3036730.2/31

Left In: 2464.336+/-0.646 χ^2/NDF : 894372.2/12

diff_bpm0l05X_mean vs slug



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

Left Out: -15.068 $\pm$ 2.397 χ^2 /NDF: 7.4/12

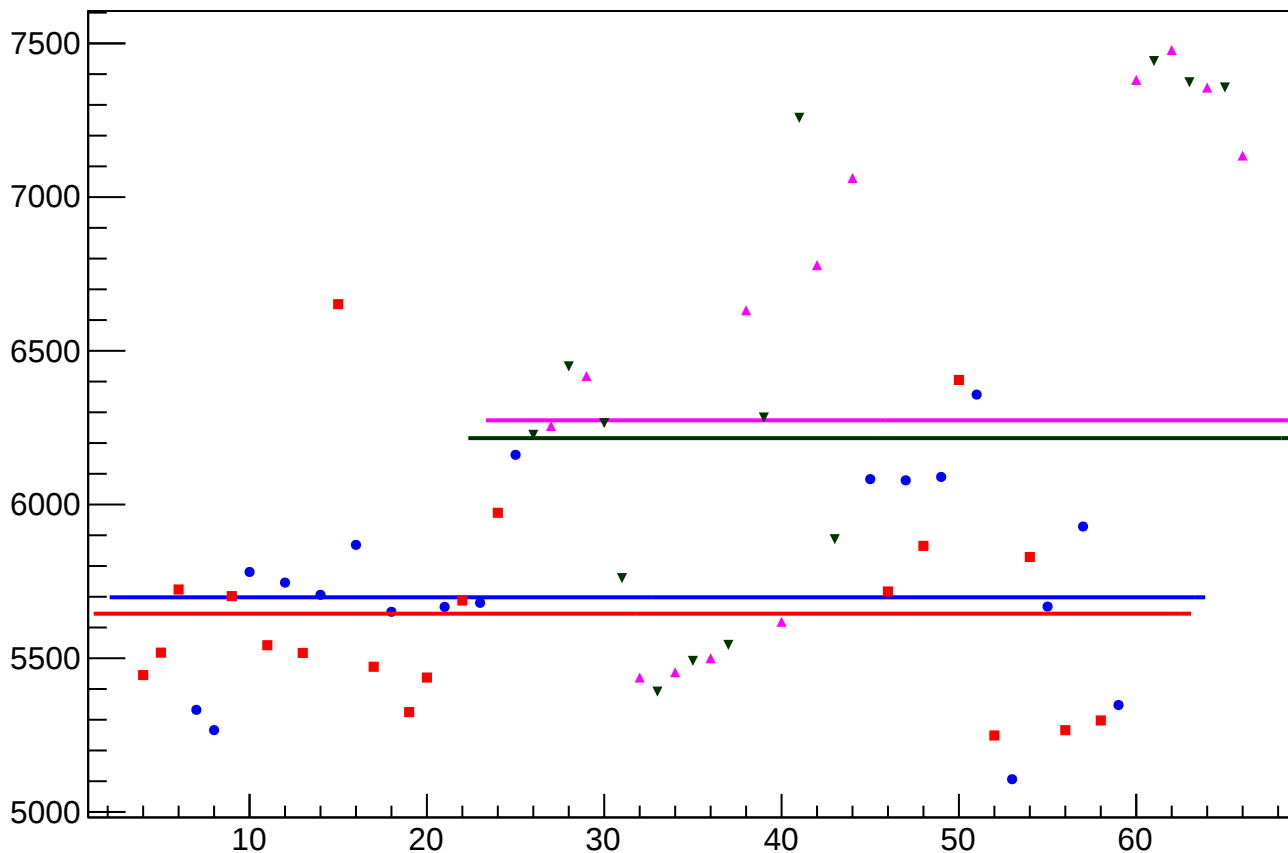
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: 5.096 $\pm$ 2.271 χ^2 /NDF: 9.5/12

2.824 $\pm$ 1.387 χ^2 /NDF: 122.0/30

-3.861 $\pm$ 1.406 χ^2 /NDF: 59.0/31

diff_bpm0l05X_rms vs slug



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

Left Out: 6215.988+/-1.695 χ^2/NDF : 163682.9/12

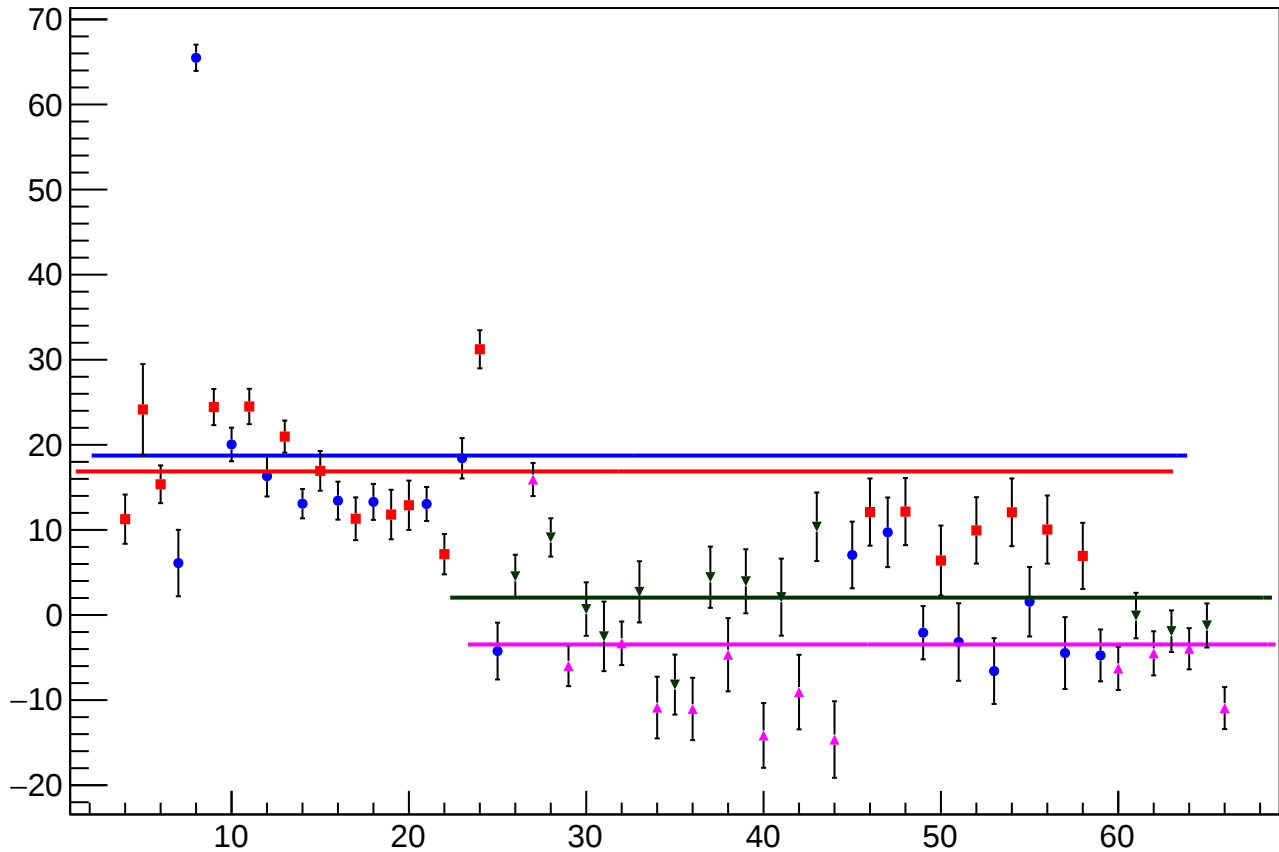
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6273.974+/-1.606 χ^2/NDF : 208847.9/12

5871.684+/-0.981 χ^2/NDF : 292957.8/30

5885.992+/-0.994 χ^2/NDF : 374942.0/31

diff_bpm0l05Y_mean vs slug



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

Left Out: 2.044 ± 0.849 χ^2/NDF : 30.5/12

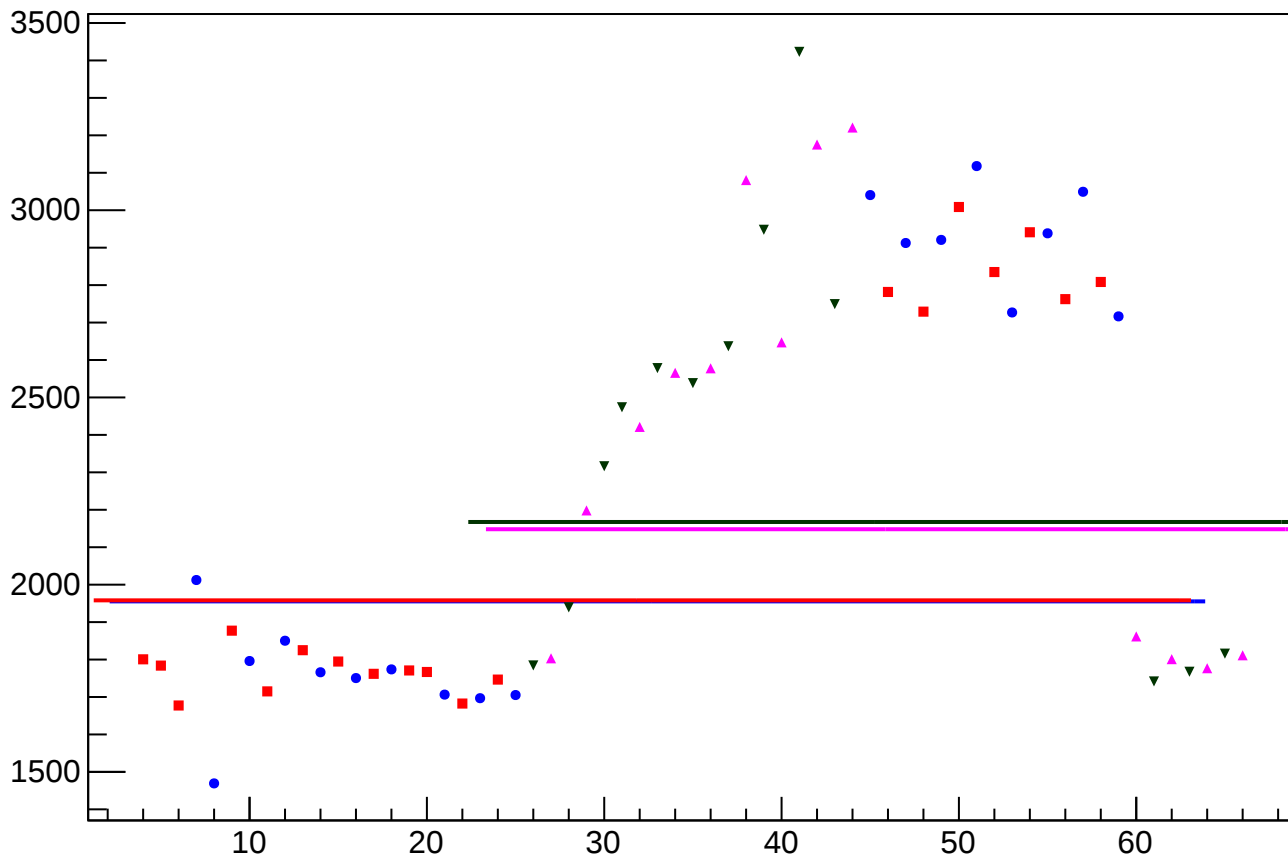
Right Out: 16.874 ± 0.633 χ^2/NDF : 128.0/18

Left In: -3.459 ± 0.789 χ^2/NDF : 135.1/12

13.161 ± 0.491 χ^2/NDF : 1529.0/30

8.906 ± 0.494 χ^2/NDF : 667.2/31

diff_bpm0l05Y_rms vs slug



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

Left Out: 2167.419 $\pm$ 0.601 χ^2 /NDF:586785.9/12

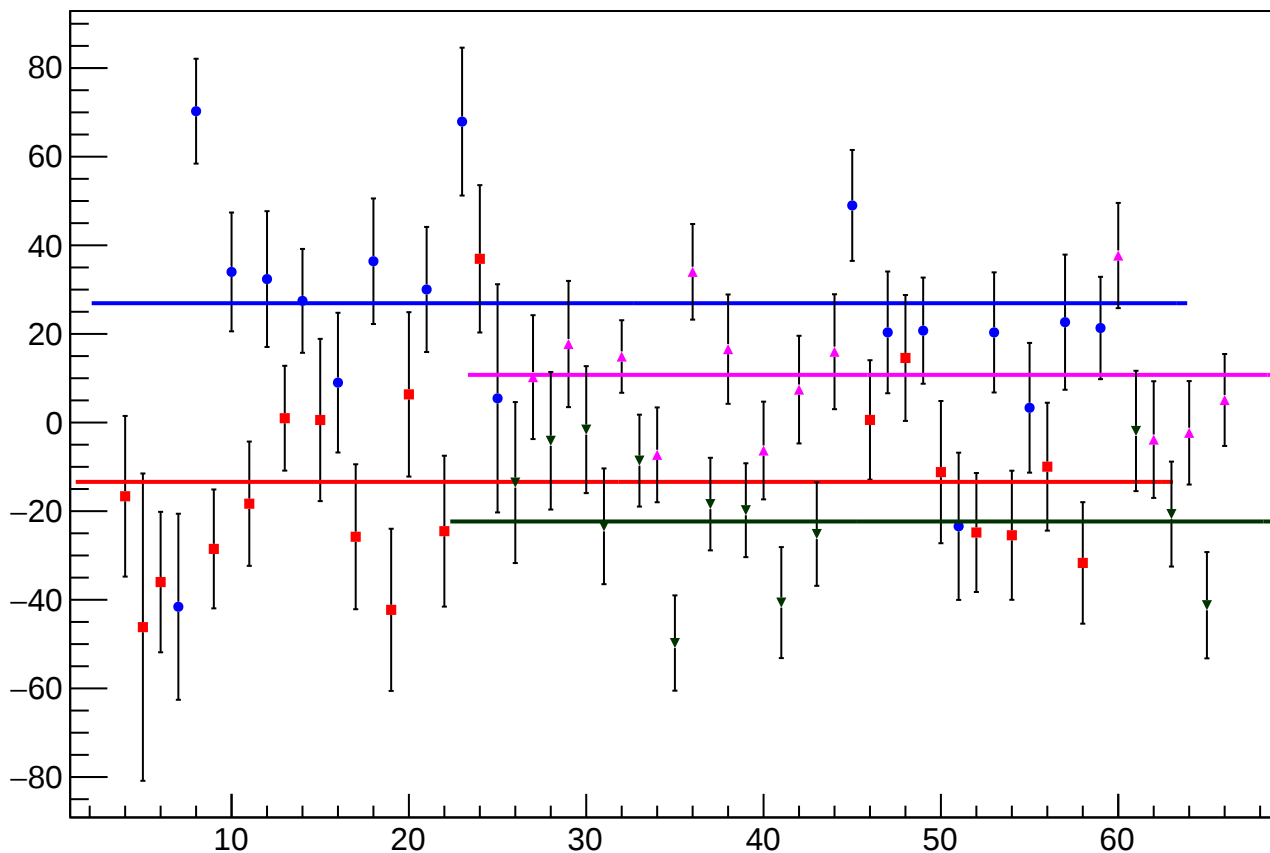
Right Out: 1958.115 $\pm$ 0.448 χ^2 /NDF: 858074.3/18

Left In: 2148.052 $\pm$ 0.558 χ^2 /NDF:638144.6/12

2026.208 $\pm$ 0.347 χ^2 /NDF: 2045458.4/30

2032.544 $\pm$ 0.349 χ^2 /NDF: 1566732.3/31

diff_bpm0l06X_mean vs slug



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

Left Out: -22.327 ± 3.388 $\chi^2/\text{NDF}: 19.1/12$

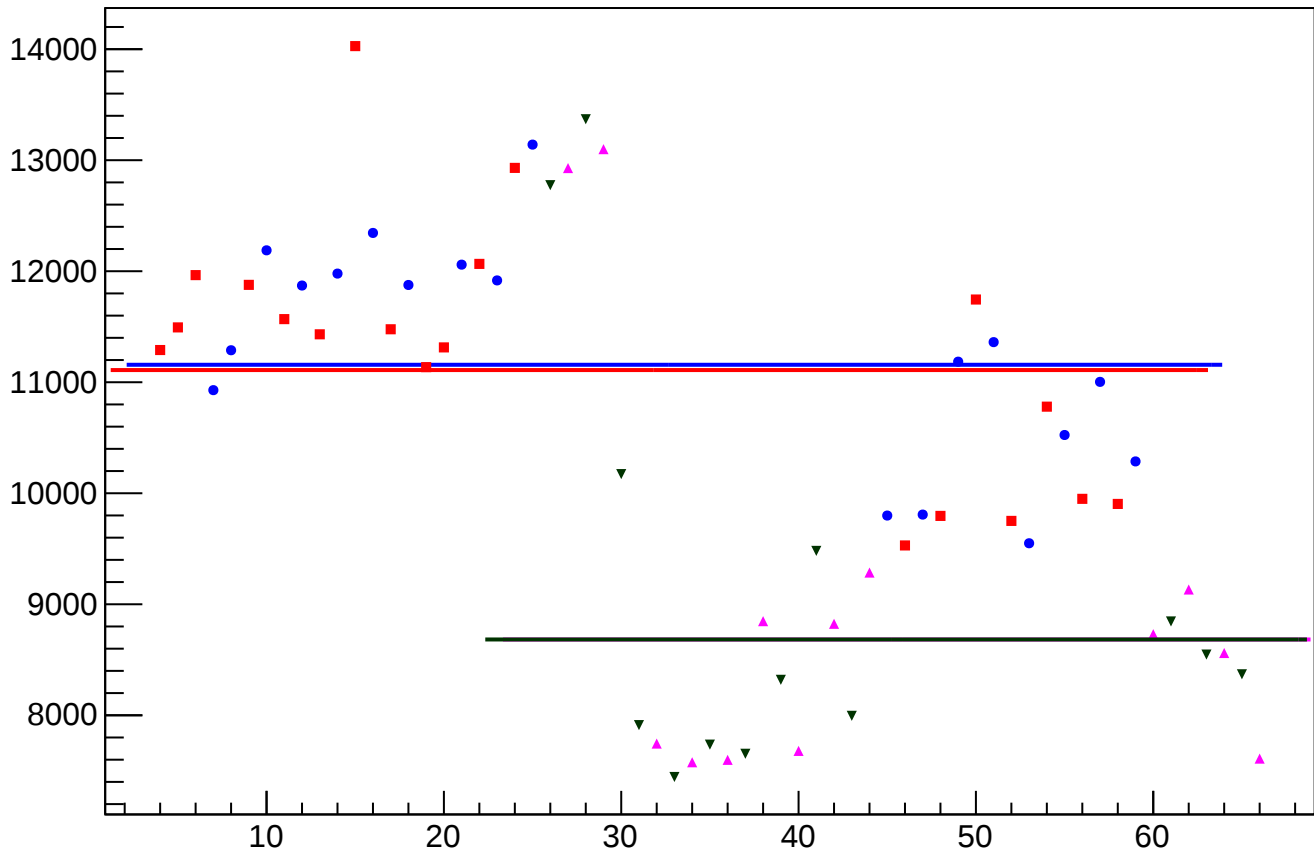
Right Out: -13.392 ± 3.535 $\chi^2/\text{NDF}: 28.4/18$

Left In: 10.759 ± 3.174 $\chi^2/\text{NDF}: 18.8/12$

2.676 ± 2.377 $\chi^2/\text{NDF}: 175.4/30$

-0.020 ± 2.361 $\chi^2/\text{NDF}: 73.0/31$

diff_bpm0l06X_rms vs slug



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

Left Out: 8682.902 $\pm$ 2.396 χ^2 /NDF:395195.0/12

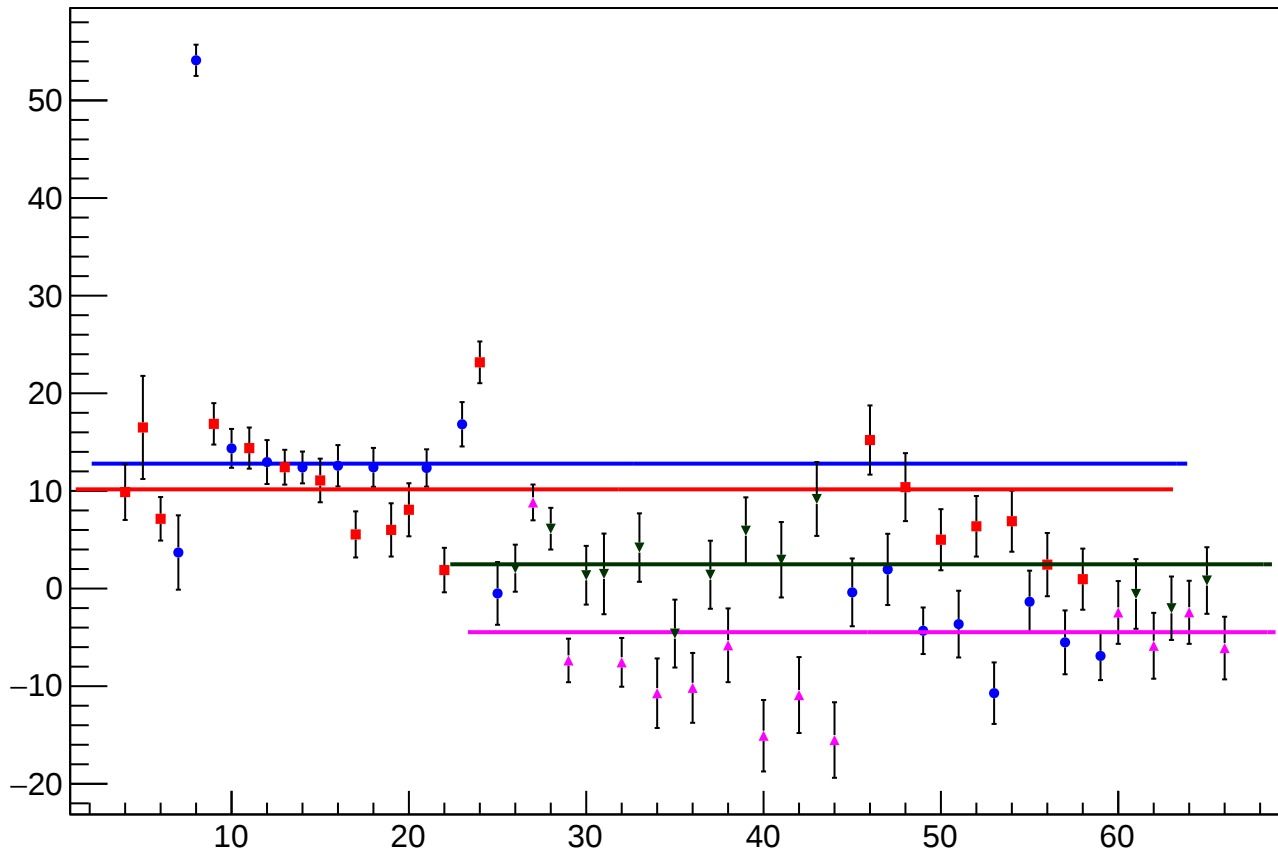
9938.906 $\pm$ 1.681 χ^2 /NDF: 1090483.3/30

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

9765.904 $\pm$ 1.670 χ^2 /NDF: 1208555.1/31

Left In: 8682.689 $\pm$ 2.244 χ^2 /NDF:490102.5/12

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.484+/-0.881 χ^2/NDF : 14.7/12

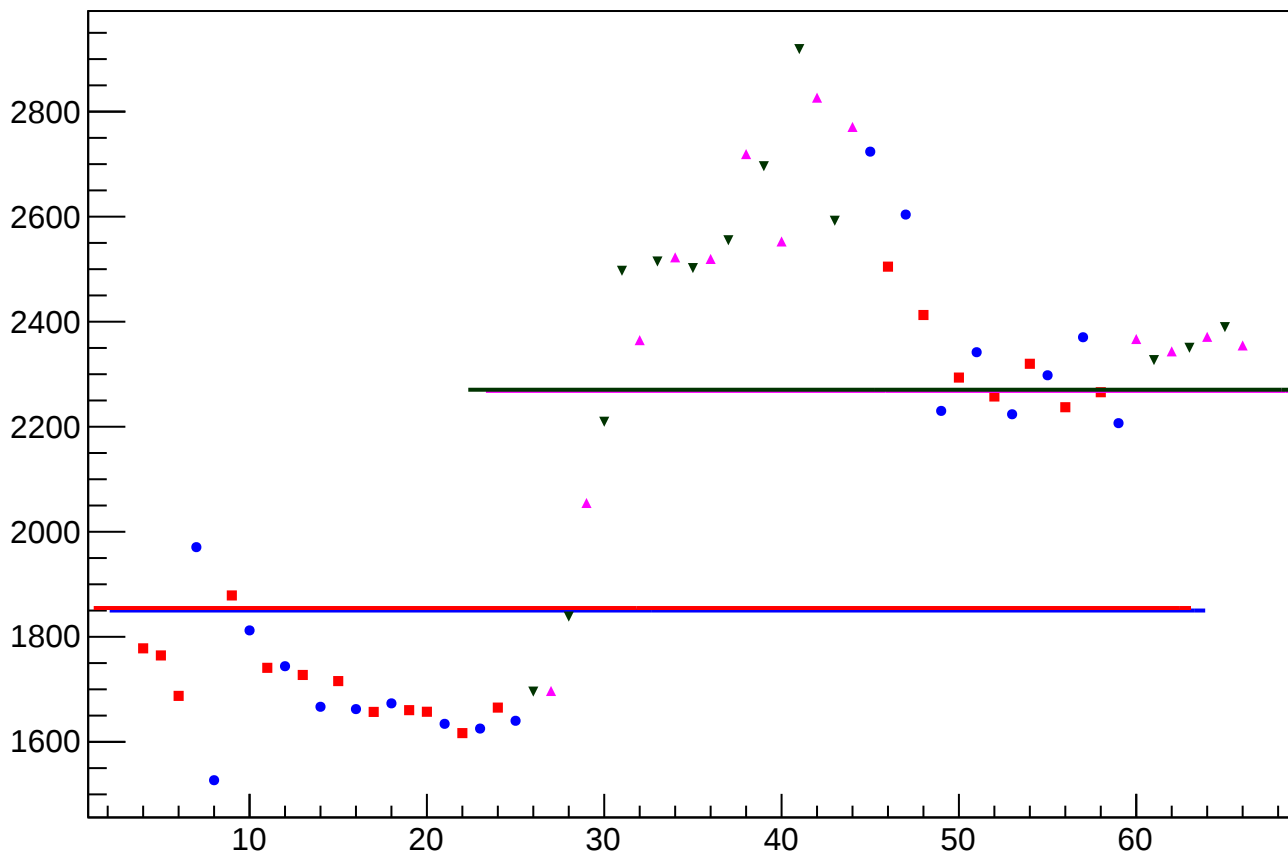
Right Out: 10.162+/-0.592 χ^2/NDF : 97.7/18

Left In: -4.468+/-0.824 χ^2/NDF : 82.0/12

9.834+/-0.472 χ^2/NDF : 1073.4/30

5.181+/-0.481 χ^2/NDF : 387.4/31

diff_bpm0l06Y_rms vs slug



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

Left Out: 2270.456+/-0.623 χ^2/NDF : 340371.3/12

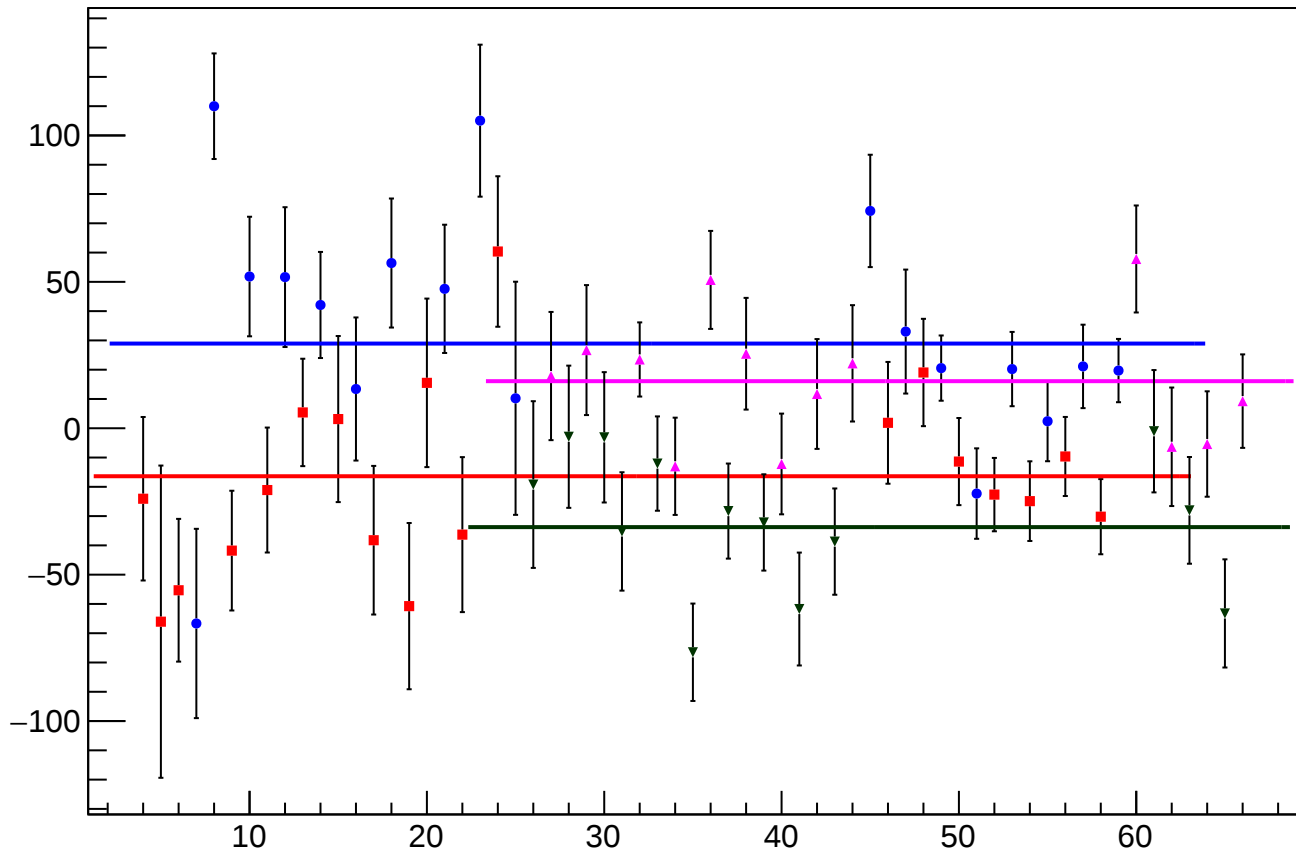
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2268.217+/-0.583 χ^2/NDF : 357581.5/12

1970.749+/-0.334 χ^2/NDF : 1328165.3/30

1995.568+/-0.340 χ^2/NDF : 1097088.7/31

diff_bpm0l07X_mean vs slug



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

Left Out: -33.764 ± 5.248 $\chi^2/\text{NDF}: 19.6/12$

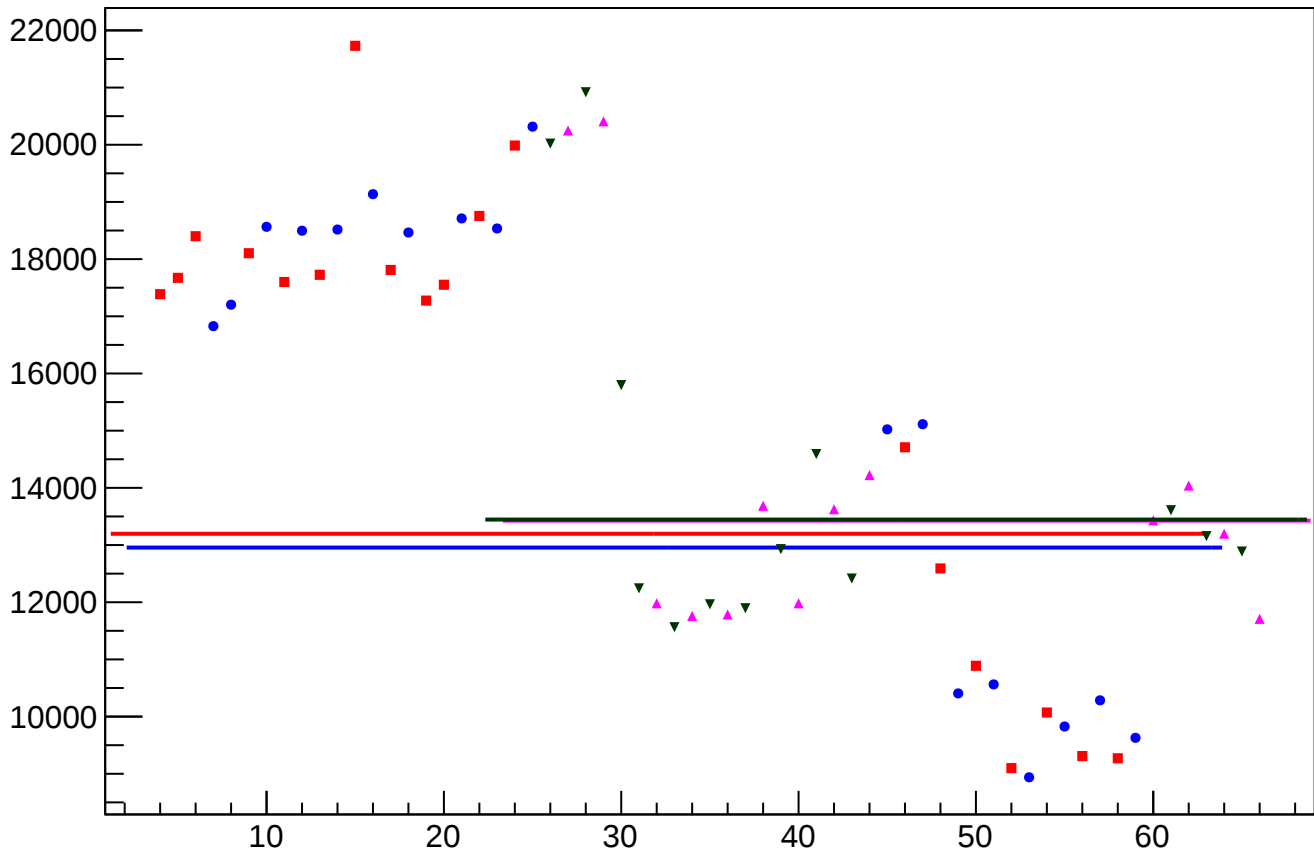
Right Out: -16.388 ± 4.377 $\chi^2/\text{NDF}: 27.5/18$

Left In: 16.080 ± 4.909 $\chi^2/\text{NDF}: 19.1/12$

5.631 ± 3.199 $\chi^2/\text{NDF}: 174.9/30$

-2.008 ± 3.267 $\chi^2/\text{NDF}: 71.0/31$

diff_bpm0l07X_rms vs slug



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

Left Out: 13445.500+/-3.711 χ^2/NDF : 404834.7/12

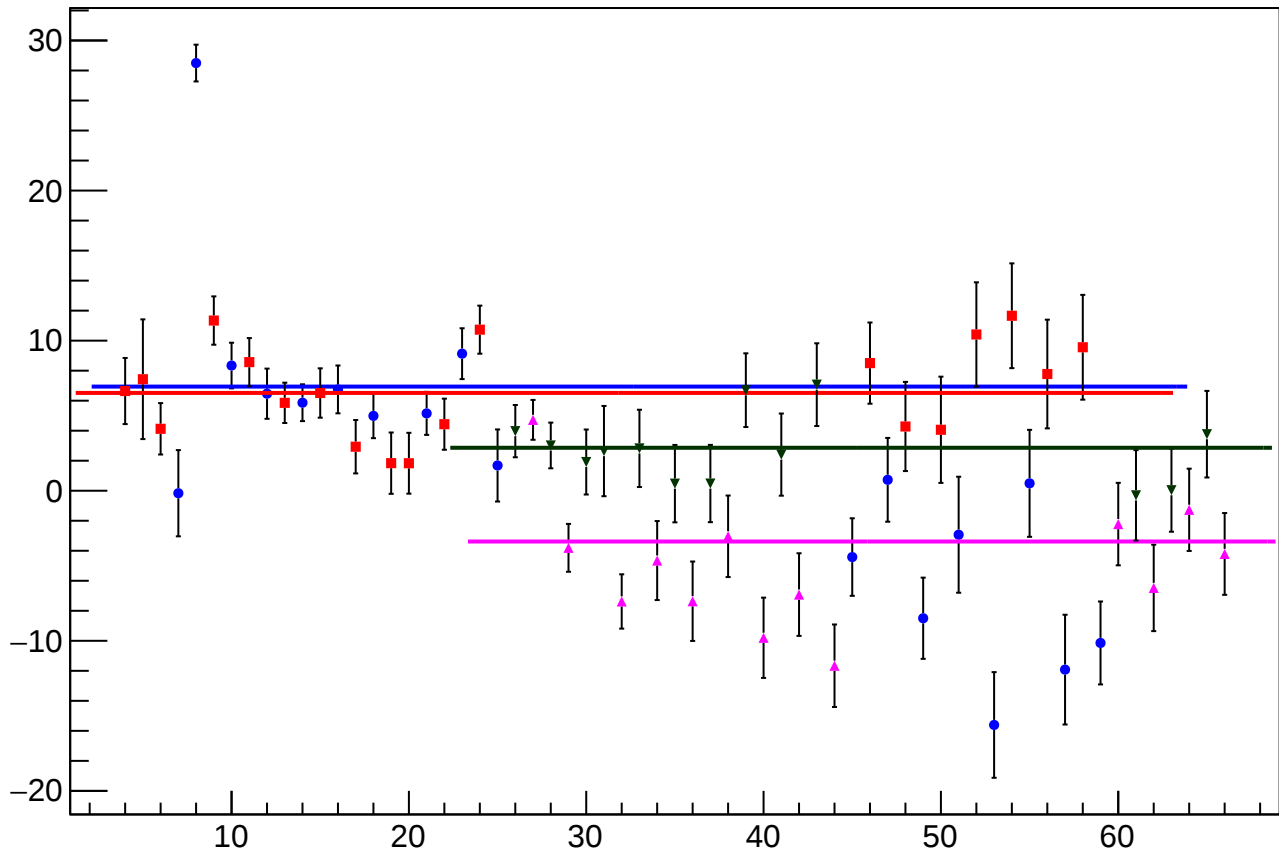
13137.833+/-2.262 χ^2/NDF : 2316409.6/30

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

13298.762+/-2.310 χ^2/NDF : 2271107.1/31

Left In: 13426.530+/-3.471 χ^2/NDF : 500922.5/12

diff_bpm0l07Y_mean vs slug



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

Left Out: 2.862 ± 0.655 χ^2/NDF : 9.4/12

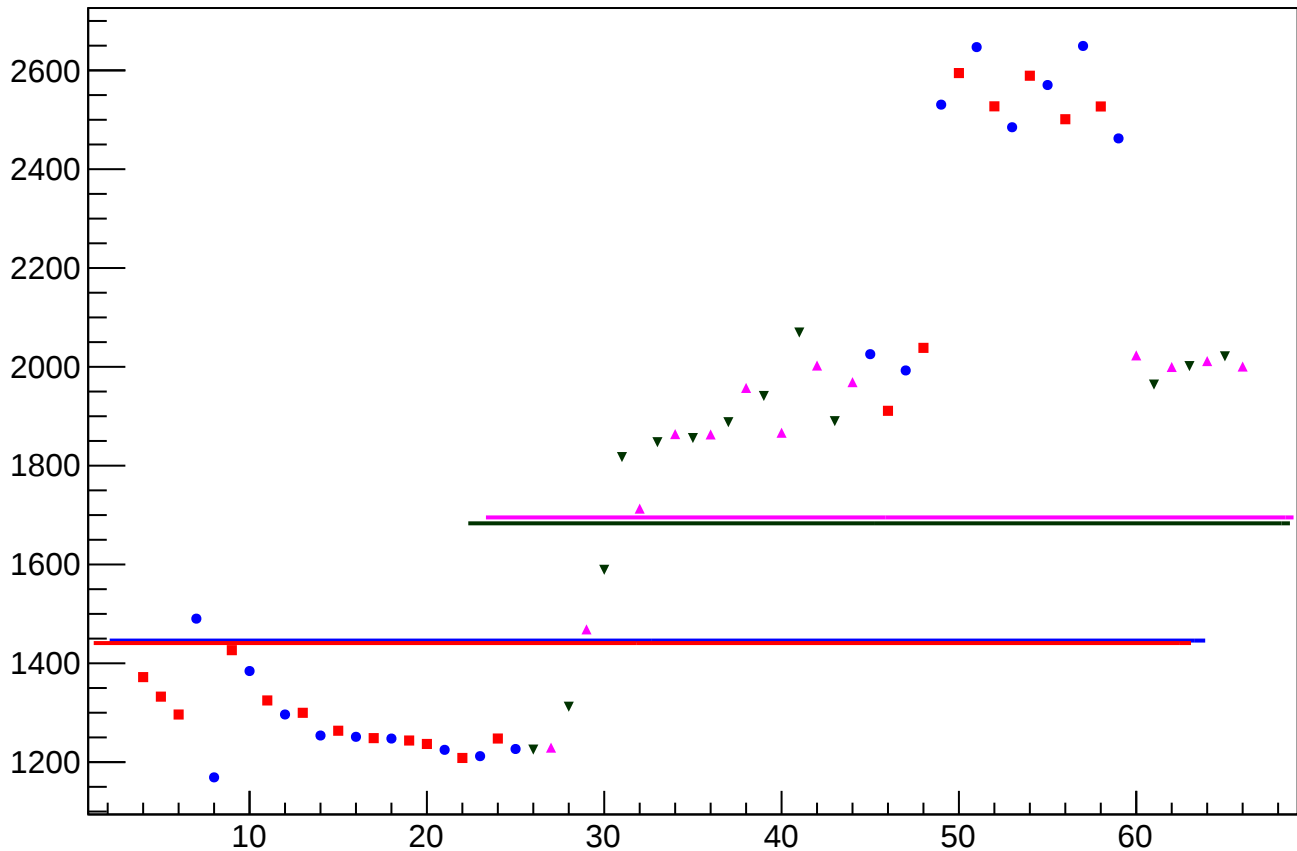
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -3.383 ± 0.619 χ^2/NDF : 63.2/12

5.634 ± 0.371 χ^2/NDF : 535.2/30

2.878 ± 0.375 χ^2/NDF : 267.1/31

diff_bpm0l07Y_rms vs slug



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

Left Out: 1683.271+/-0.463 χ^2/NDF : 438953.8/12

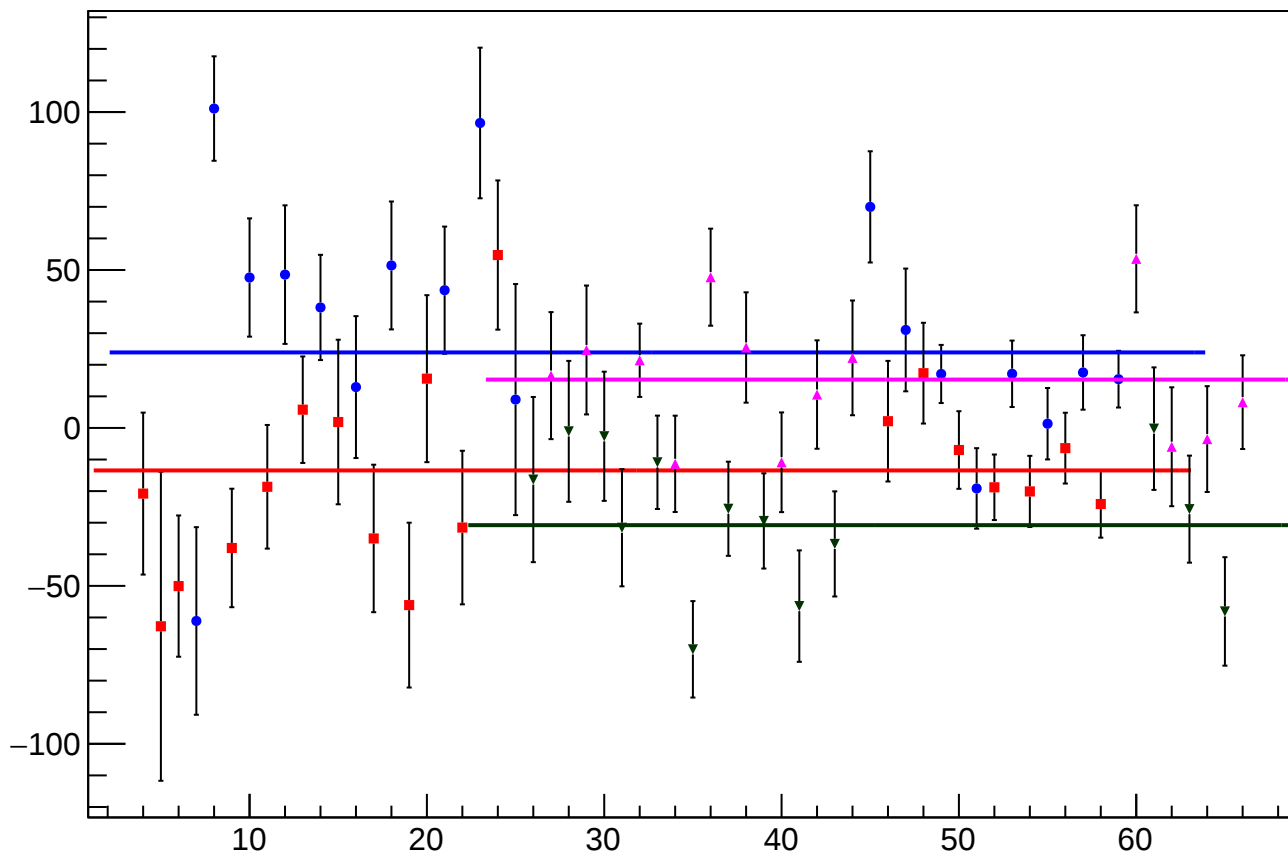
1521.955+/-0.262 χ^2/NDF : 2508687.3/30

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

1534.436+/-0.265 χ^2/NDF : 2024297.4/31

Left In: 1695.247+/-0.437 χ^2/NDF : 477344.2/12

diff_bpm0l08X_mean vs slug



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

Left Out: -30.779 ± 4.828 χ^2/NDF : 19.9/12

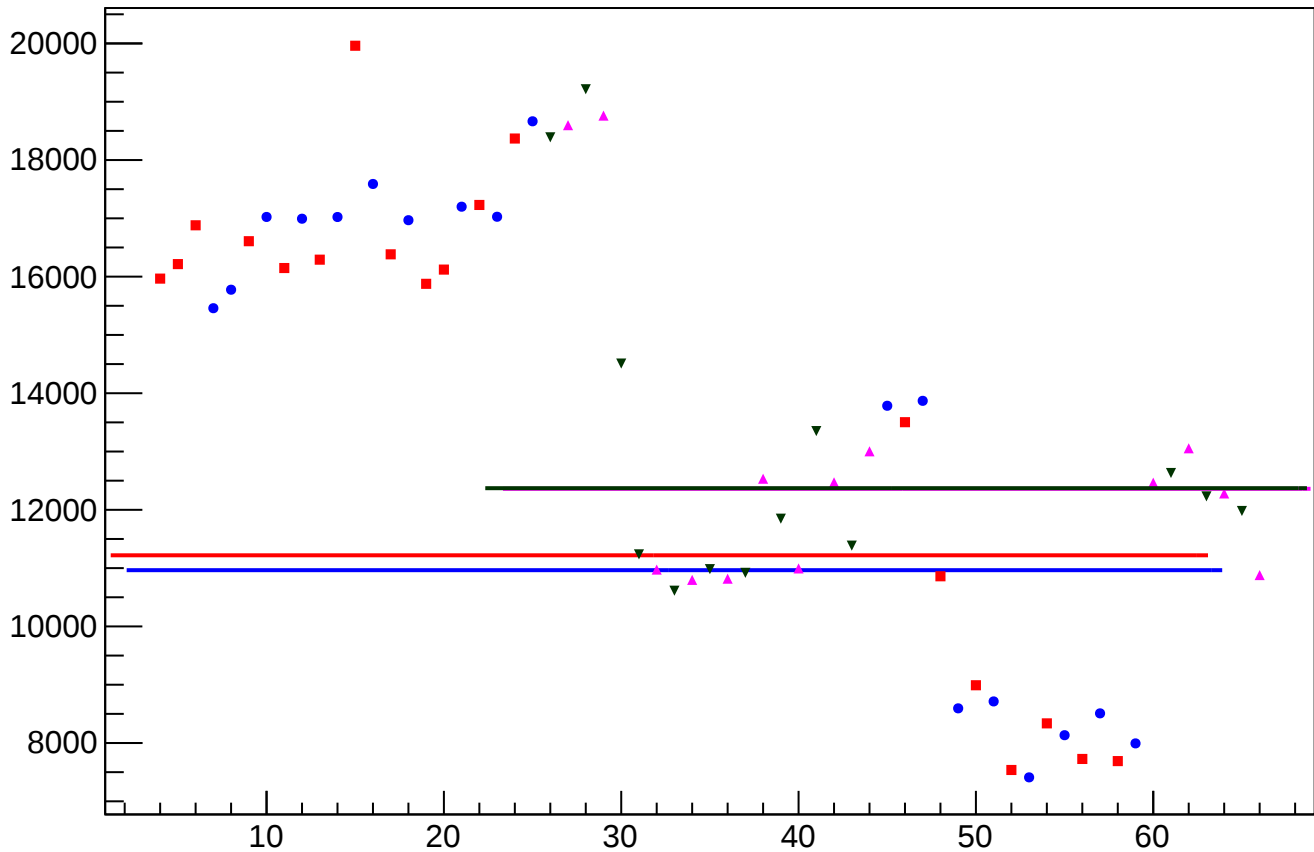
Right Out: -13.450 ± 3.783 χ^2/NDF : 27.5/18

Left In: 15.308 ± 4.519 χ^2/NDF : 19.2/12

5.282 ± 2.818 χ^2/NDF : 175.1/30

-1.599 ± 2.901 χ^2/NDF : 70.5/31

diff_bpm0l08X_rms vs slug



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

Left Out: 12371.078+/-3.414 χ^2/NDF : 404479.4/12

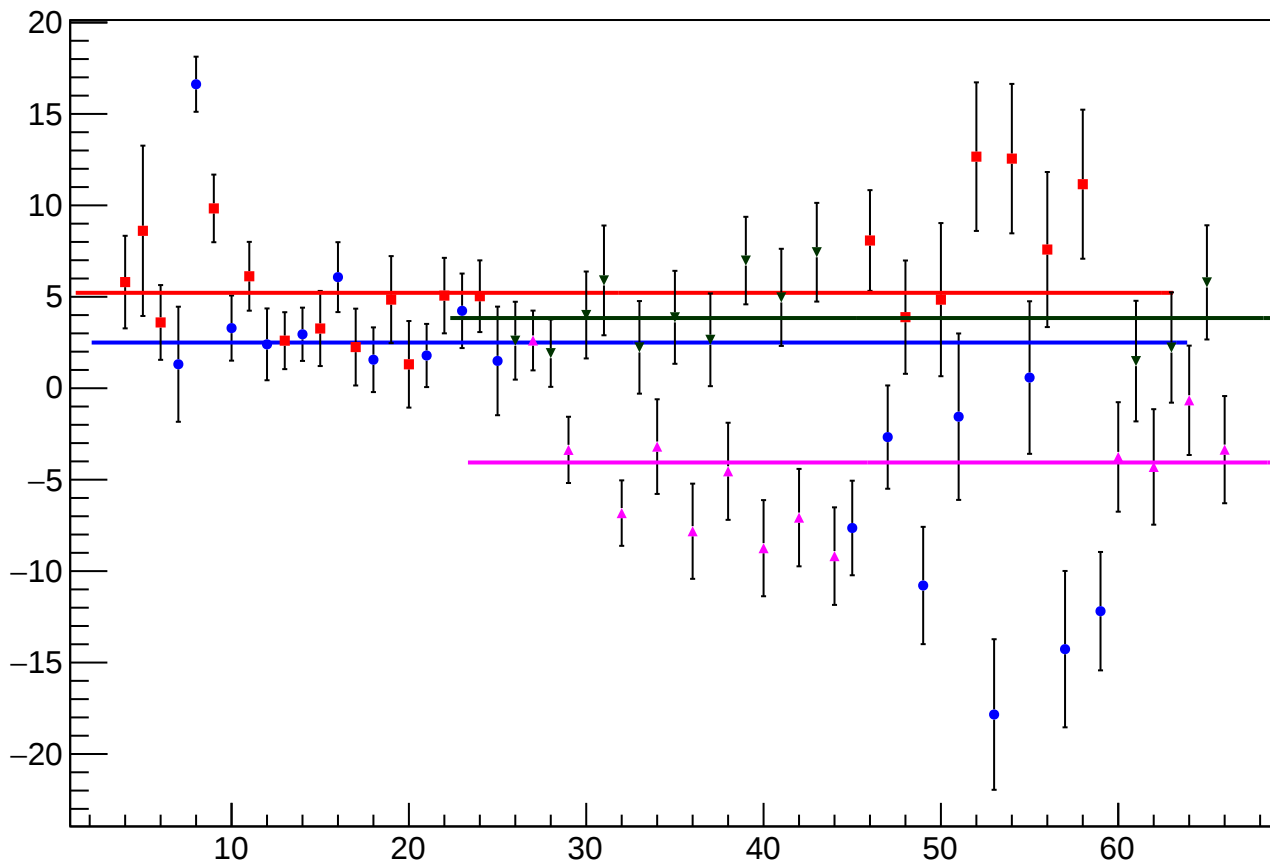
11443.734+/-1.992 χ^2/NDF : 3067211.3/30

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

11689.937+/-2.051 χ^2/NDF : 2918371.1/31

Left In: 12360.453+/-3.195 χ^2/NDF : 499519.0/12

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.839 ± 0.702 χ^2/NDF : 7.4/12

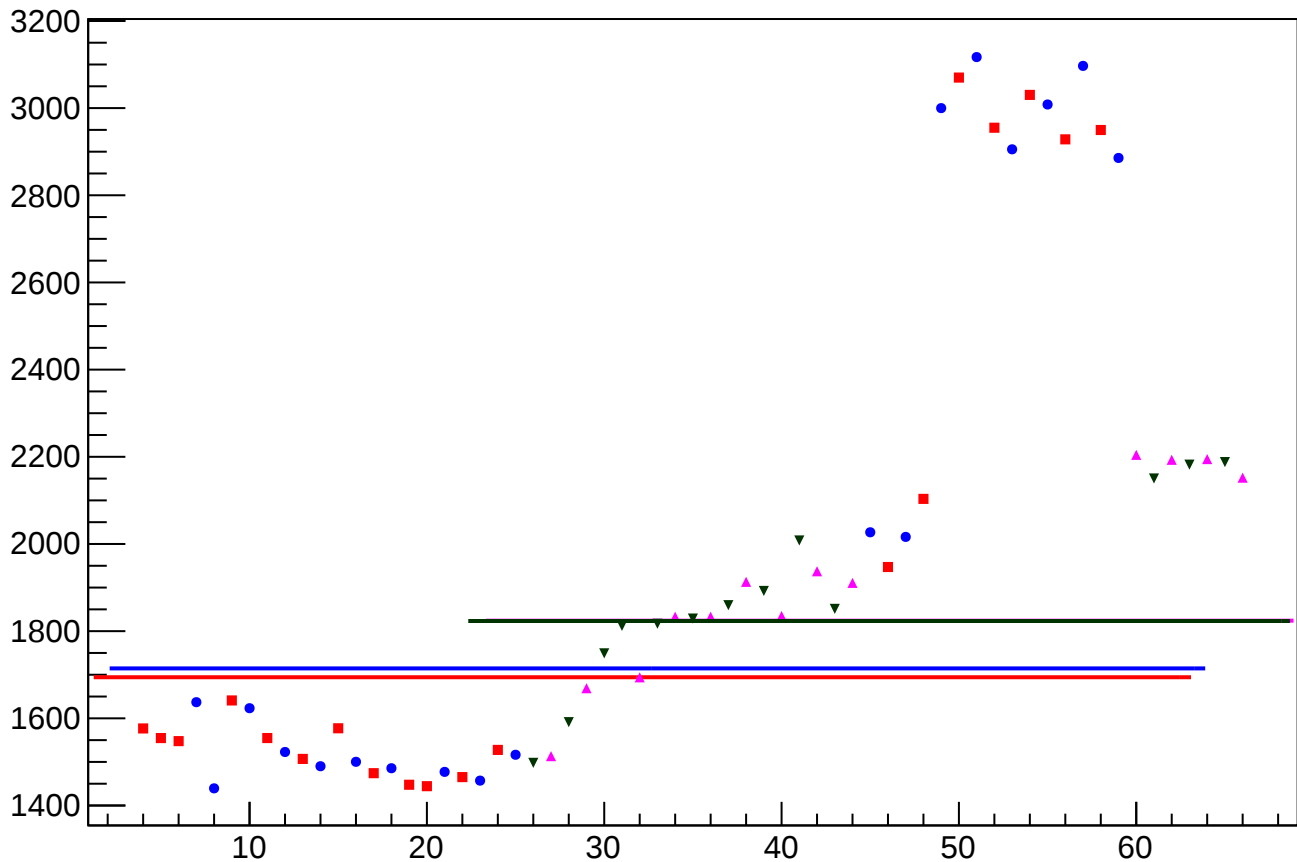
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -4.060 ± 0.660 χ^2/NDF : 30.9/12

2.985 ± 0.423 χ^2/NDF : 200.1/30

1.392 ± 0.424 χ^2/NDF : 173.6/31

diff_bpm0l08Y_rms vs slug



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

Left Out: 1823.297+/-0.497 χ^2/NDF : 167633.0/12

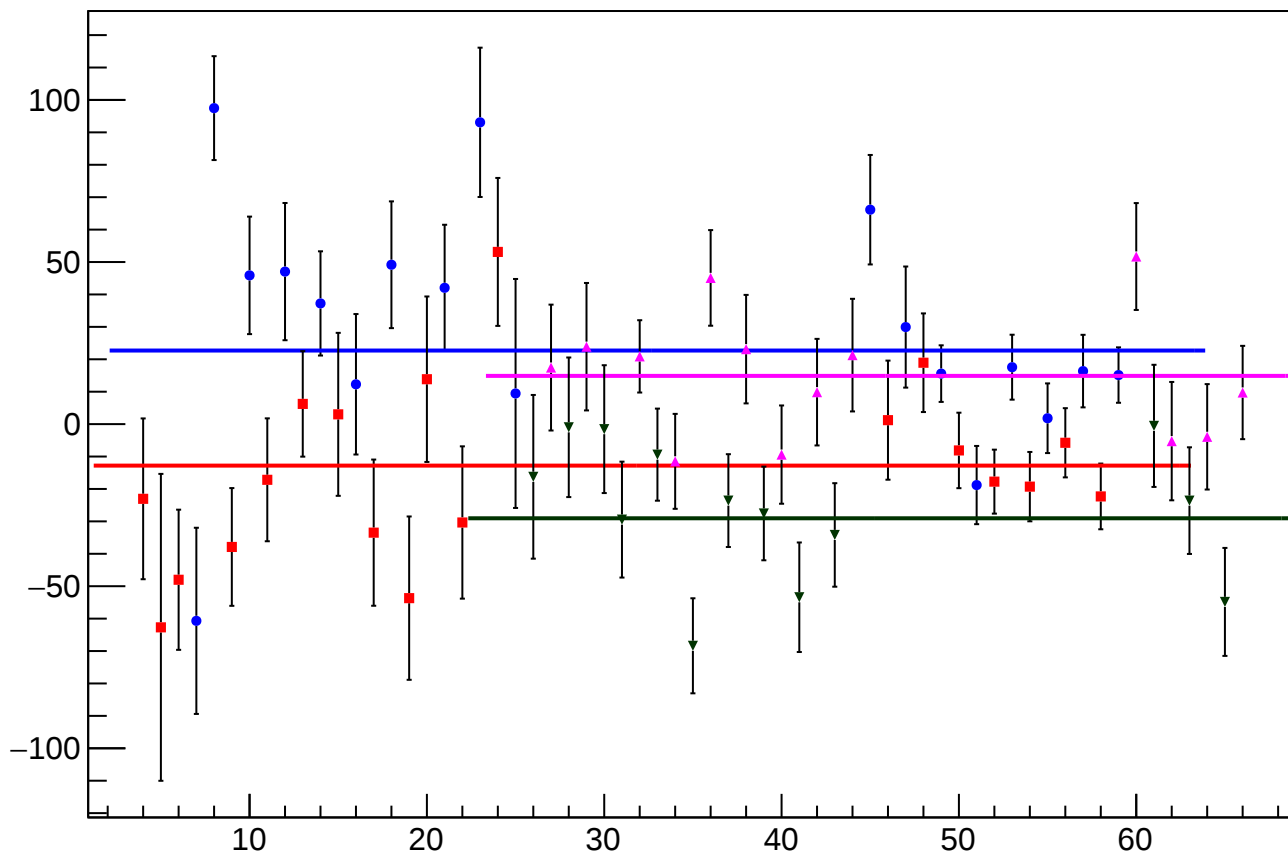
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

Left In: 1824.055+/-0.467 χ^2/NDF : 221051.9/12

1754.031+/-0.299 χ^2/NDF : 1868939.7/30

1747.786+/-0.300 χ^2/NDF : 1469285.2/31

diff_bpm0l09X_mean vs slug



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

Left Out: -29.048 ± 4.650 $\chi^2/\text{NDF}: 20.1/12$

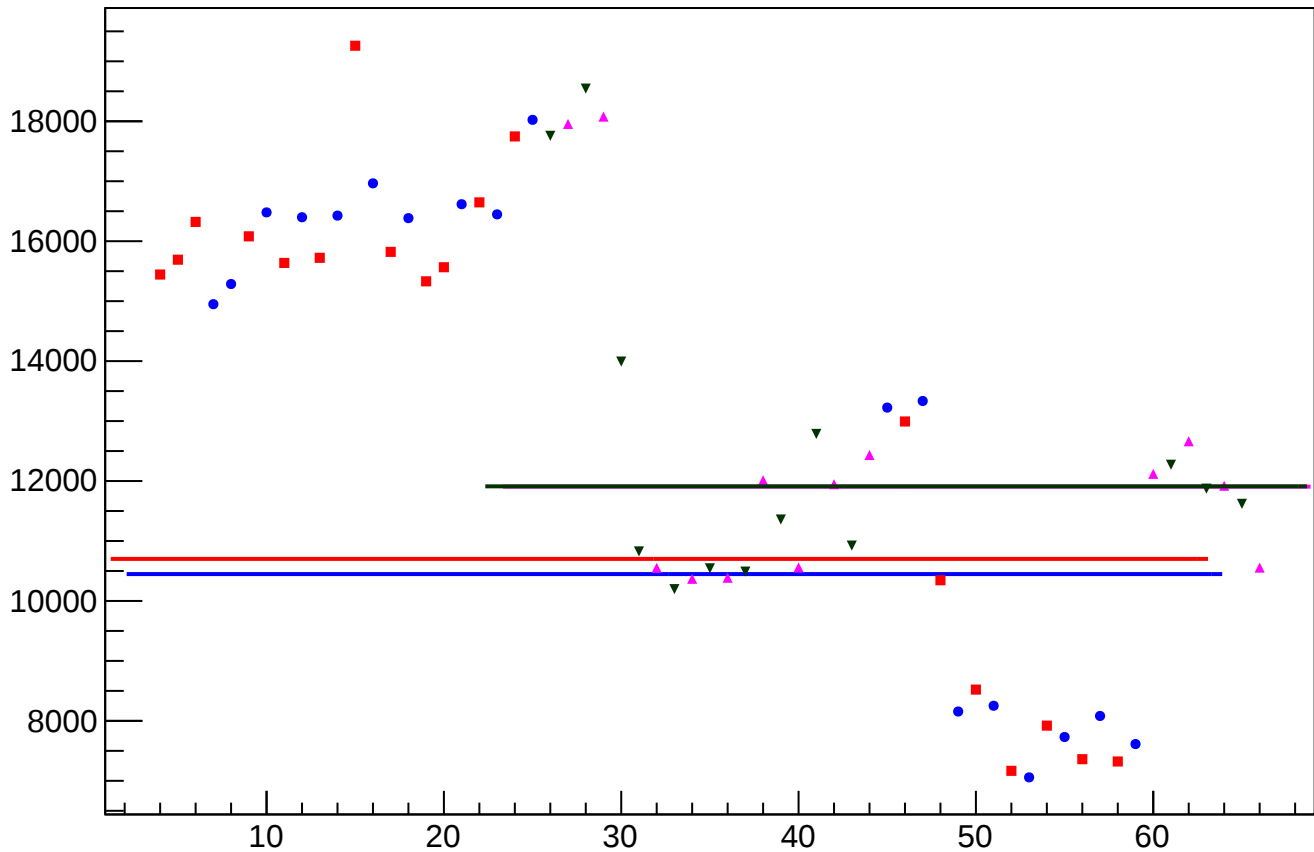
Right Out: -12.799 ± 3.618 $\chi^2/\text{NDF}: 28.2/18$

Left In: 14.880 ± 4.353 $\chi^2/\text{NDF}: 18.7/12$

5.260 ± 2.699 $\chi^2/\text{NDF}: 173.2/30$

-1.490 ± 2.783 $\chi^2/\text{NDF}: 70.7/31$

diff_bpm0l09X_rms vs slug



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

Left Out: 11911.335+/-3.288 χ^2/NDF :410324.5/12

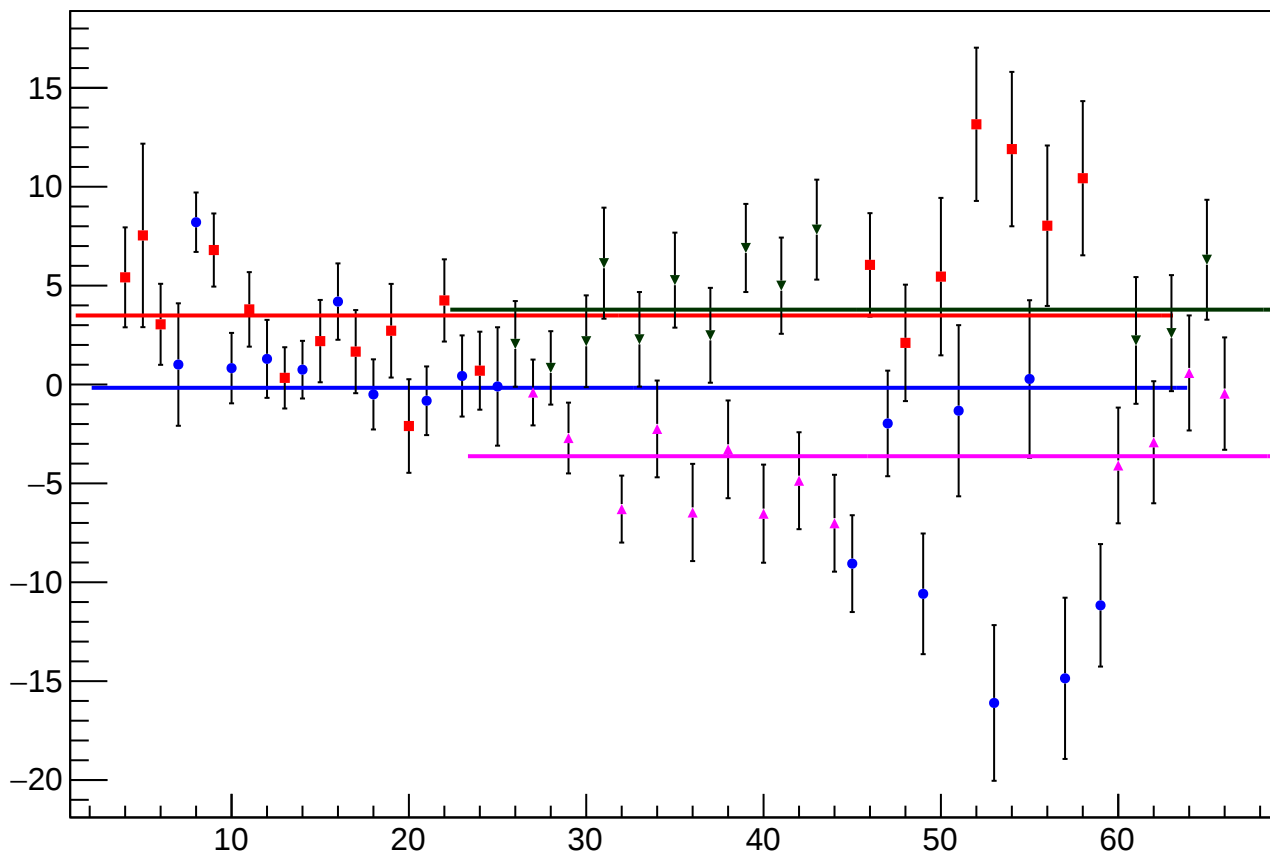
10941.242+/-1.909 χ^2/NDF : 3196293.0/30

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

11193.788+/-1.968 χ^2/NDF : 3032252.7/31

Left In: 11906.466+/-3.078 χ^2/NDF :503122.9/12

diff_bpm0l09Y_mean vs slug



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

Left Out: 3.785 ± 0.676 $\chi^2/\text{NDF}: 11.3/12$

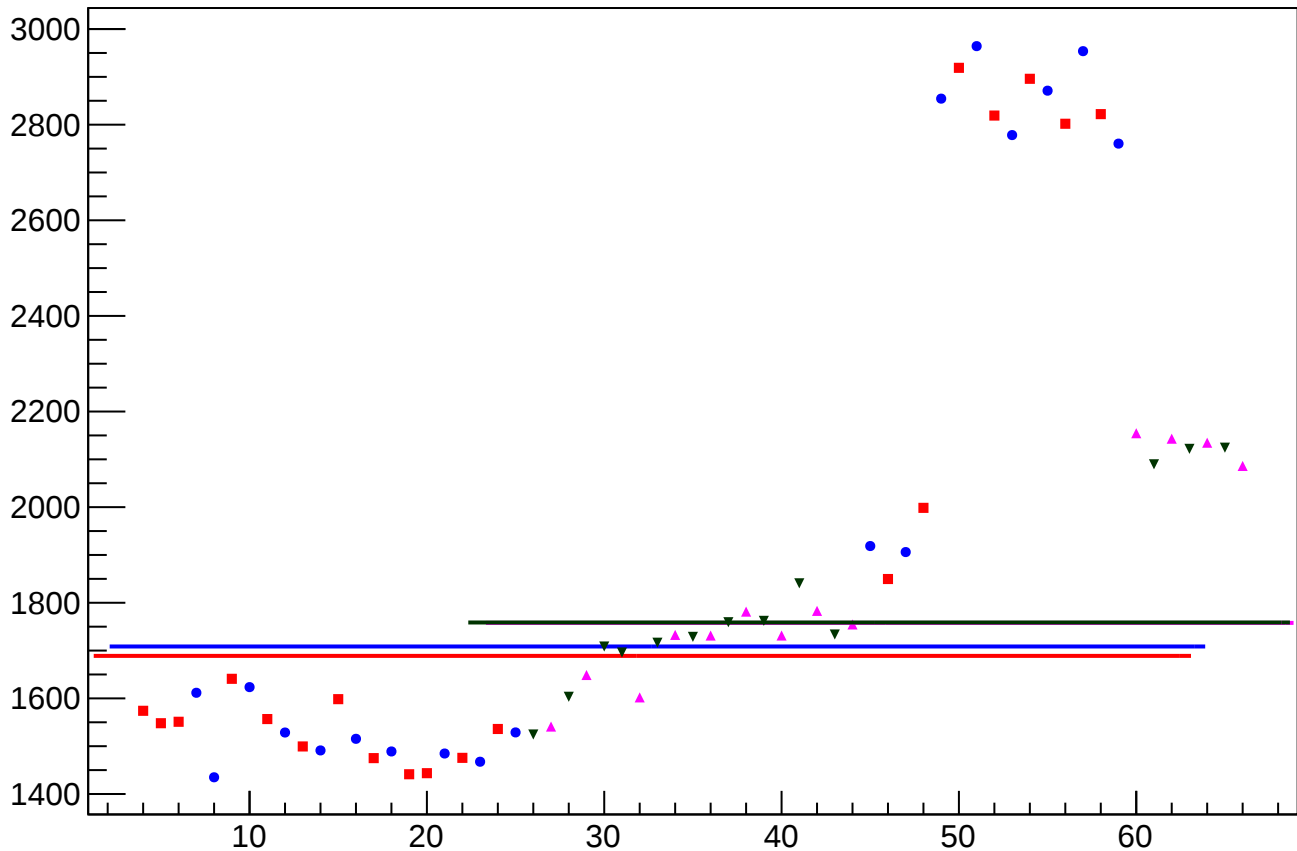
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -3.626 ± 0.635 $\chi^2/\text{NDF}: 15.1/12$

1.322 ± 0.415 $\chi^2/\text{NDF}: 137.7/30$

0.448 ± 0.415 $\chi^2/\text{NDF}: 121.4/31$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1758.757+/-0.478 χ^2/NDF :123803.2/12

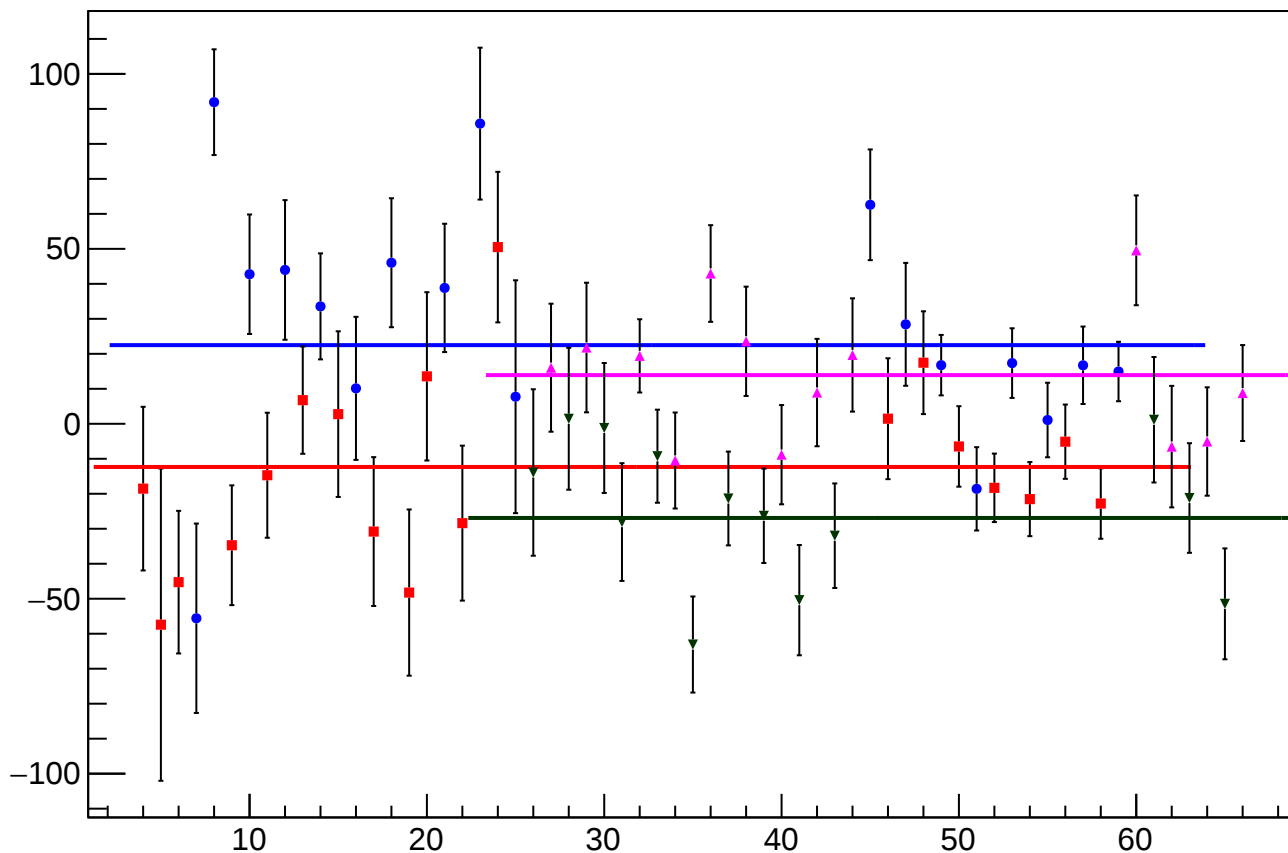
1727.473+/-0.293 χ^2/NDF : 1595266.8/30

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

1718.396+/-0.294 χ^2/NDF : 1259768.5/31

Left In: 1757.893+/-0.449 χ^2/NDF :187630.0/12

diff_bpm0l10X_mean vs slug



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

Left Out: -26.913 ± 4.372 χ^2/NDF : 20.4/12

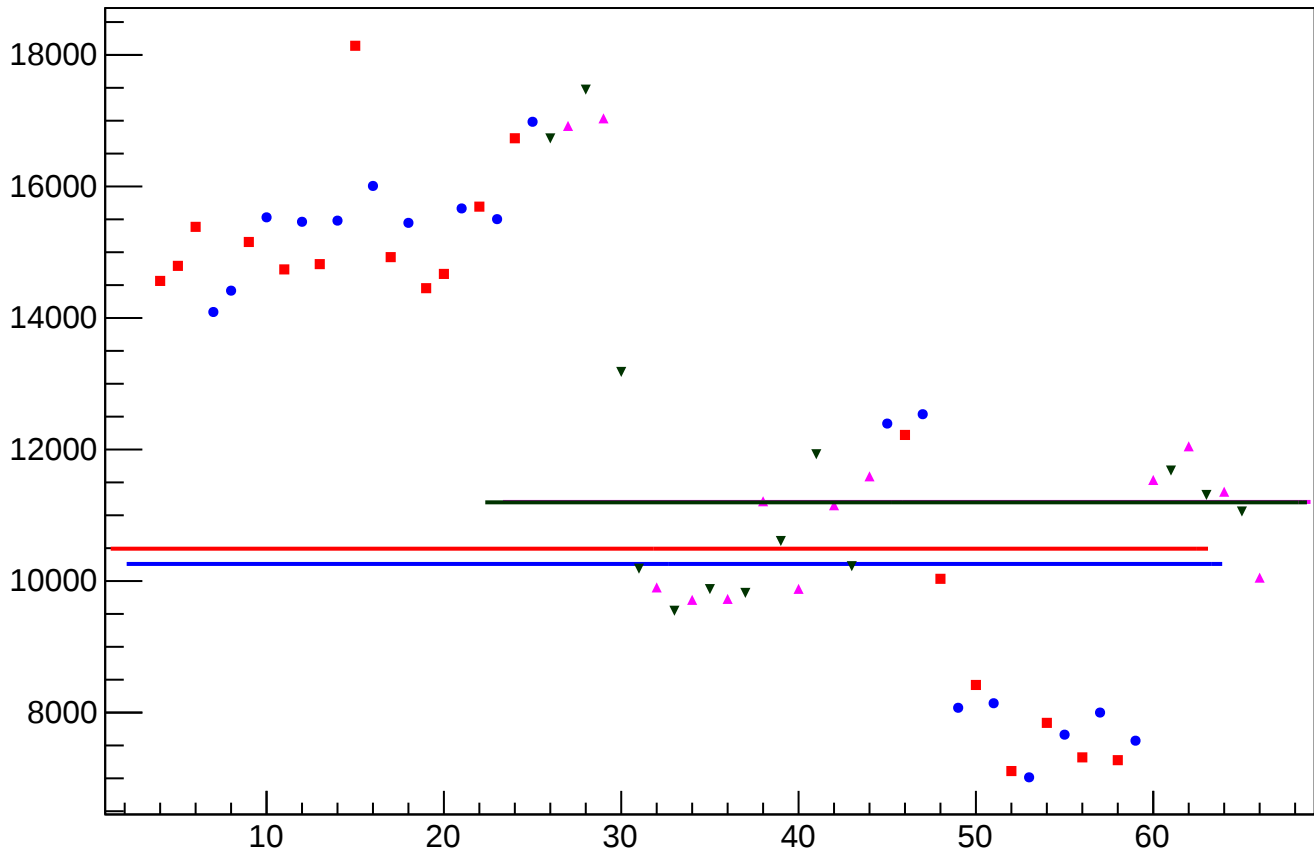
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 13.914 ± 4.097 χ^2/NDF : 19.4/12

5.053 ± 2.597 χ^2/NDF : 171.3/30

-1.203 ± 2.668 χ^2/NDF : 71.4/31

diff_bpm0l10X_rms vs slug



Right In: 10260.138 $\pm$ 2.282 χ^2 /NDF: 2319999.2/17

Left Out: 11196.918 $\pm$ 3.091 χ^2 /NDF: 418185.0/12

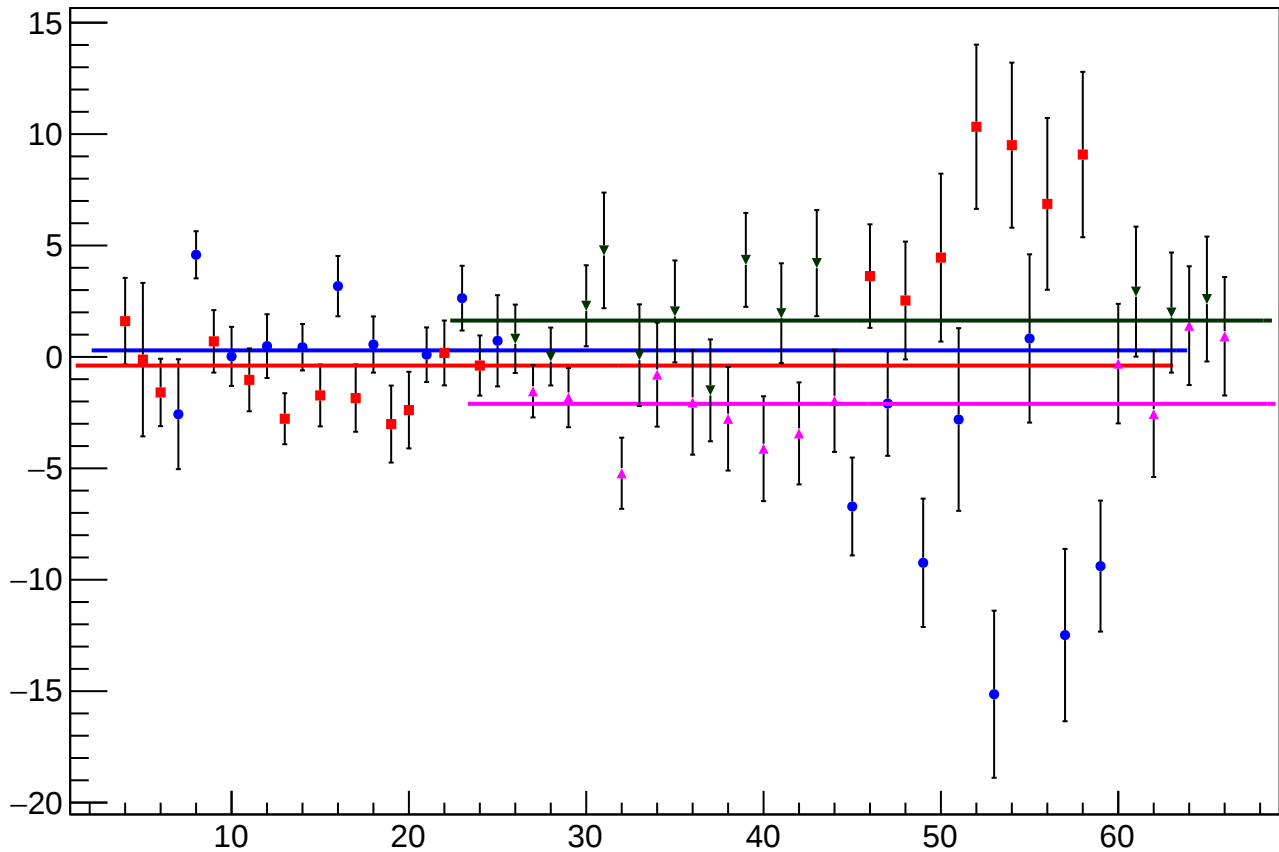
10590.644 $\pm$ 1.836 χ^2 /NDF: 2797613.7/30

Right Out: 10492.088 $\pm$ 2.487 χ^2 /NDF: 2138865.4/18

10793.722 $\pm$ 1.887 χ^2 /NDF: 2682864.9/31

Left In: 11203.151 $\pm$ 2.897 χ^2 /NDF: 509308.9/12

diff_bpm0l10Y_mean vs slug



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

Left Out: 1.633 ± 0.575 χ^2/NDF : 9.0/12

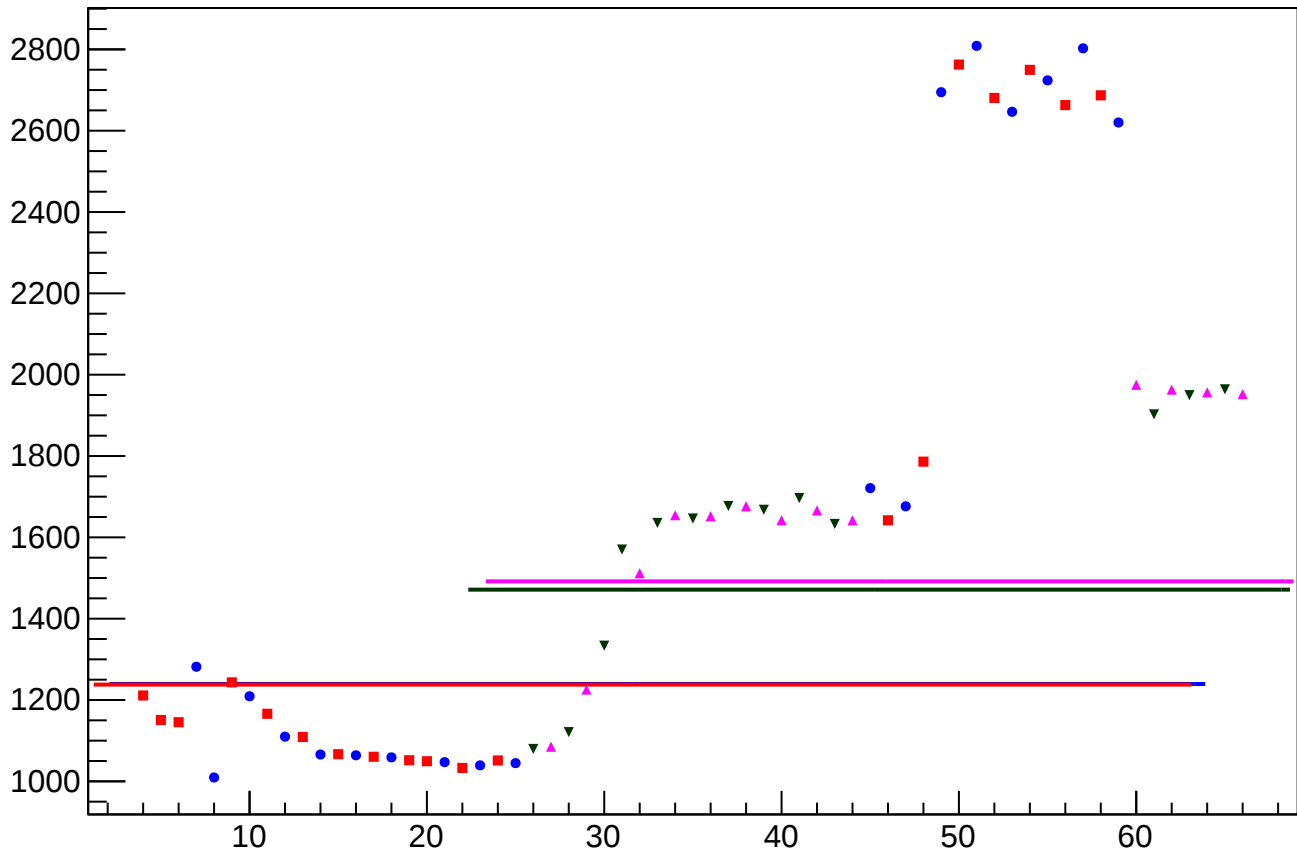
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -2.105 ± 0.547 χ^2/NDF : 9.1/12

0.720 ± 0.324 χ^2/NDF : 99.3/30

-1.009 ± 0.329 χ^2/NDF : 59.4/31

diff_bpm0l10Y_rms vs slug



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

Left Out: 1471.393+/-0.406 χ^2/NDF : 543754.5/12

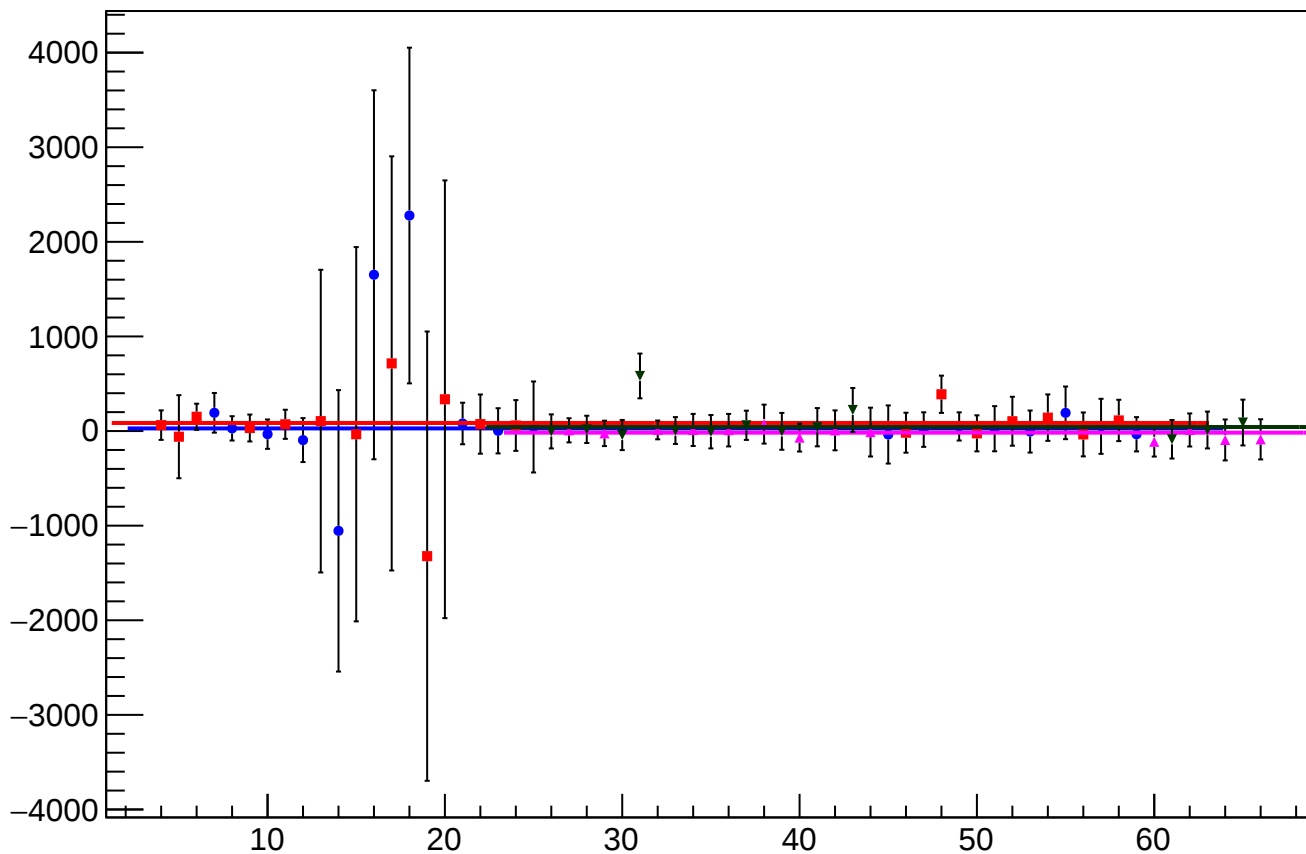
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

Left In: 1491.818+/-0.387 χ^2/NDF : 622719.3/12

1313.171+/-0.229 χ^2/NDF : 3441624.0/30

1329.795+/-0.233 χ^2/NDF : 2812186.5/31

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 27.874 $\pm$ 52.297 χ^2 /NDF: 4.5/17

Left Out: 42.478 $\pm$ 50.188 χ^2 /NDF:6.9/12

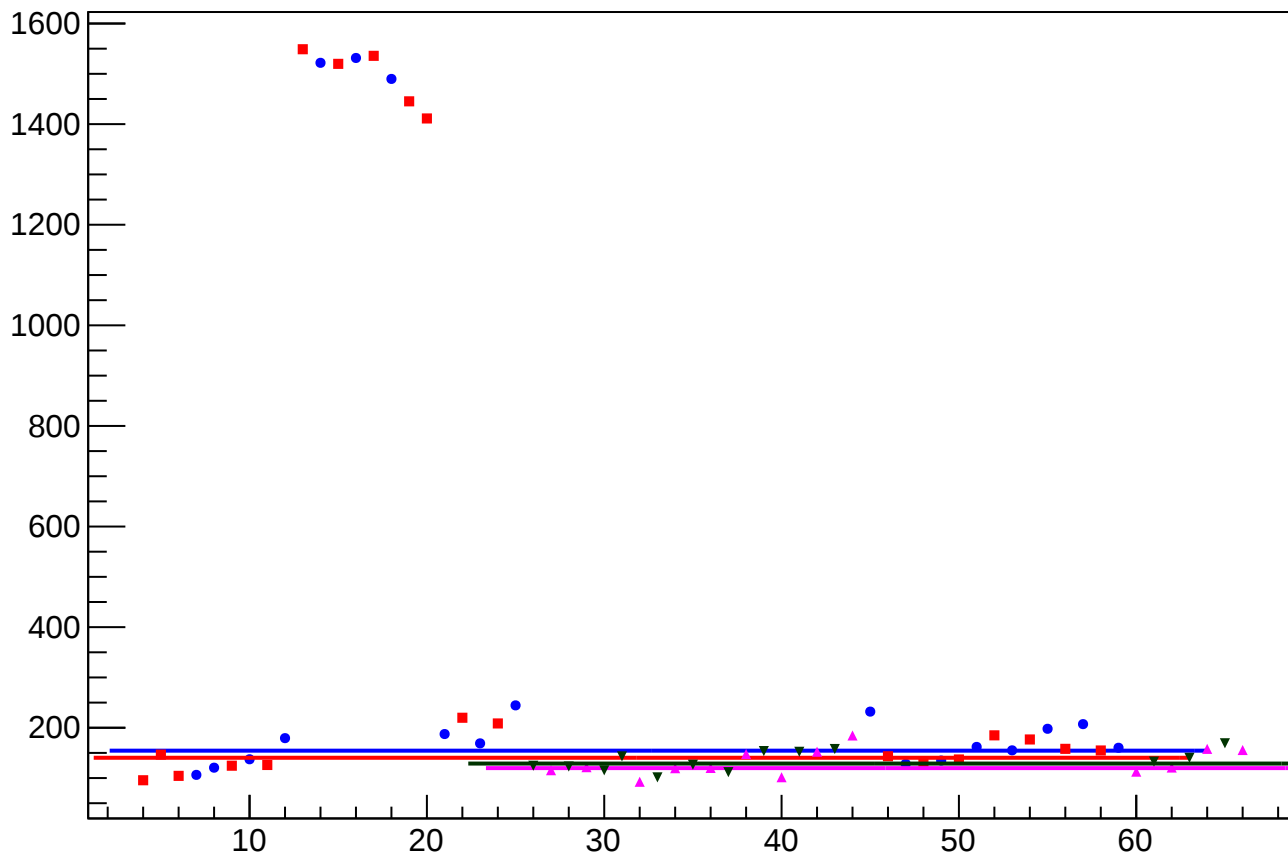
Right Out: 85.325 $\pm$ 52.506 χ^2 /NDF: 4.3/18

Left In: -16.865 $\pm$ 44.213 χ^2 /NDF:1.2/12

35.477 $\pm$ 36.211 χ^2 /NDF: 11.4/30

25.533 $\pm$ 33.820 χ^2 /NDF: 7.6/31

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: 128.818+/-0.035 χ^2/NDF : 279350.8/12

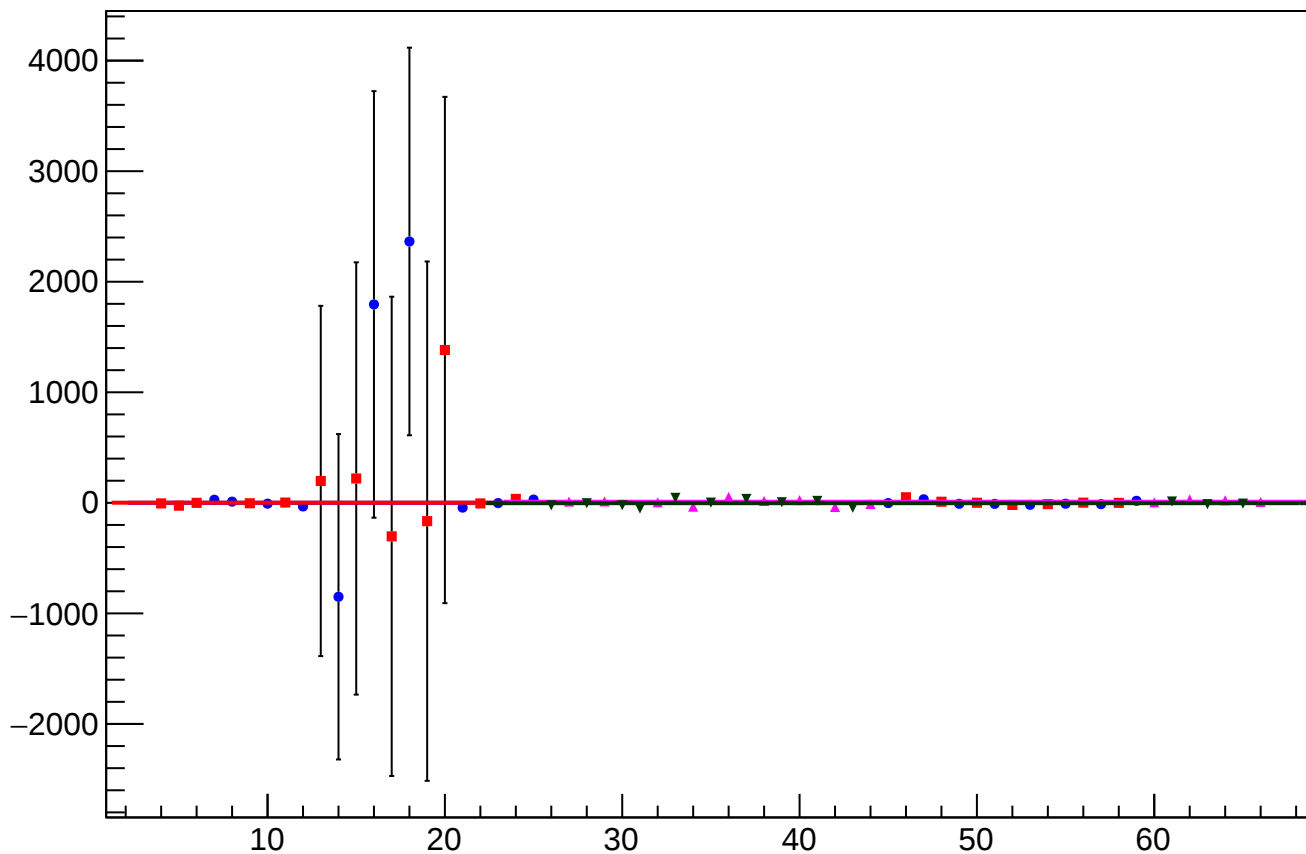
Right Out: 140.345+/-0.037 χ^2/NDF : 5274055.6/18

Left In: 119.778+/-0.031 χ^2/NDF : 517697.1/12

141.107+/-0.026 χ^2/NDF : 5086238.3/30

128.311+/-0.024 χ^2/NDF : 5971314.8/31

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -3.138+/-6.351 χ^2/NDF :15.3/12

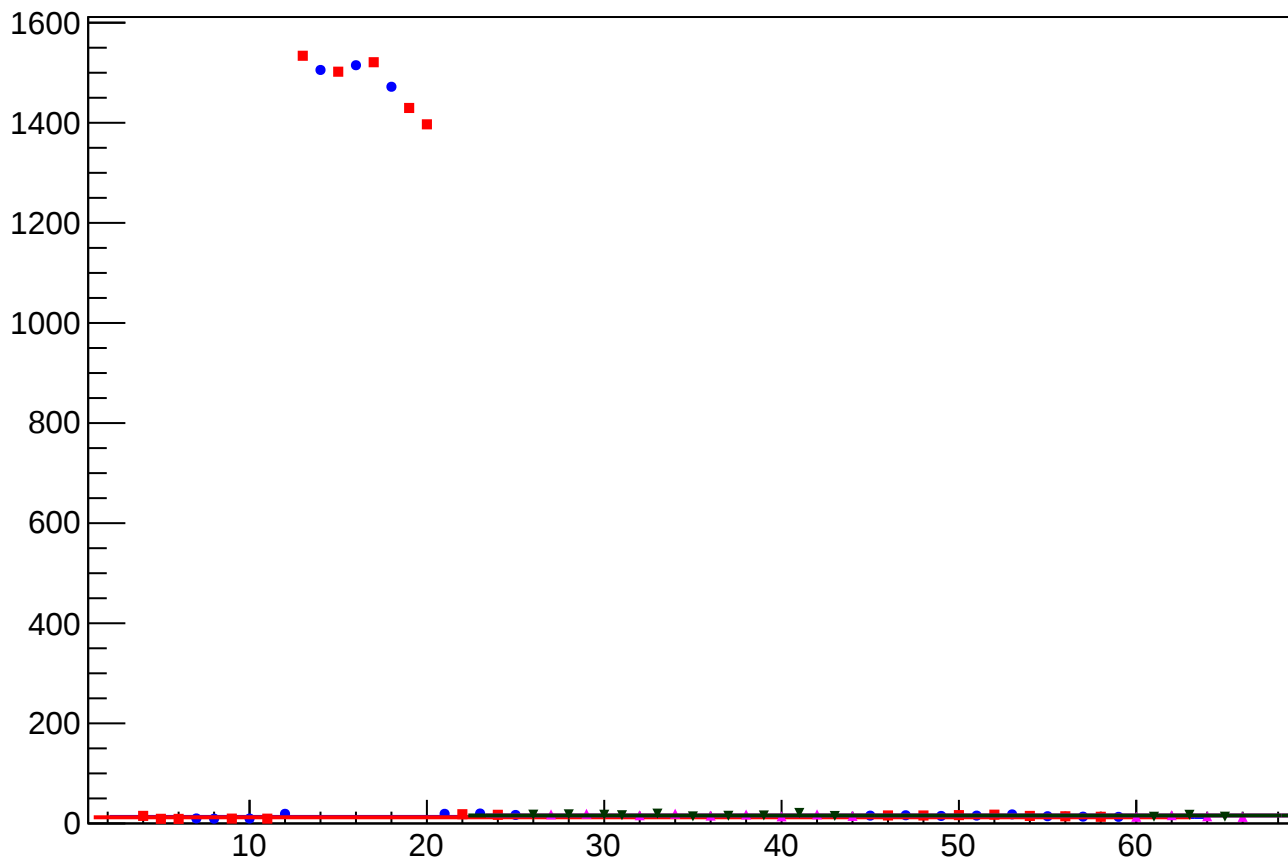
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 10.056+/-5.948 χ^2/NDF :11.9/12

-0.704+/-3.733 χ^2/NDF : 32.1/30

4.793+/-3.730 χ^2/NDF : 22.6/31

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 15.975 $\pm$ 0.004 χ^2 /NDF: 218908.2/12

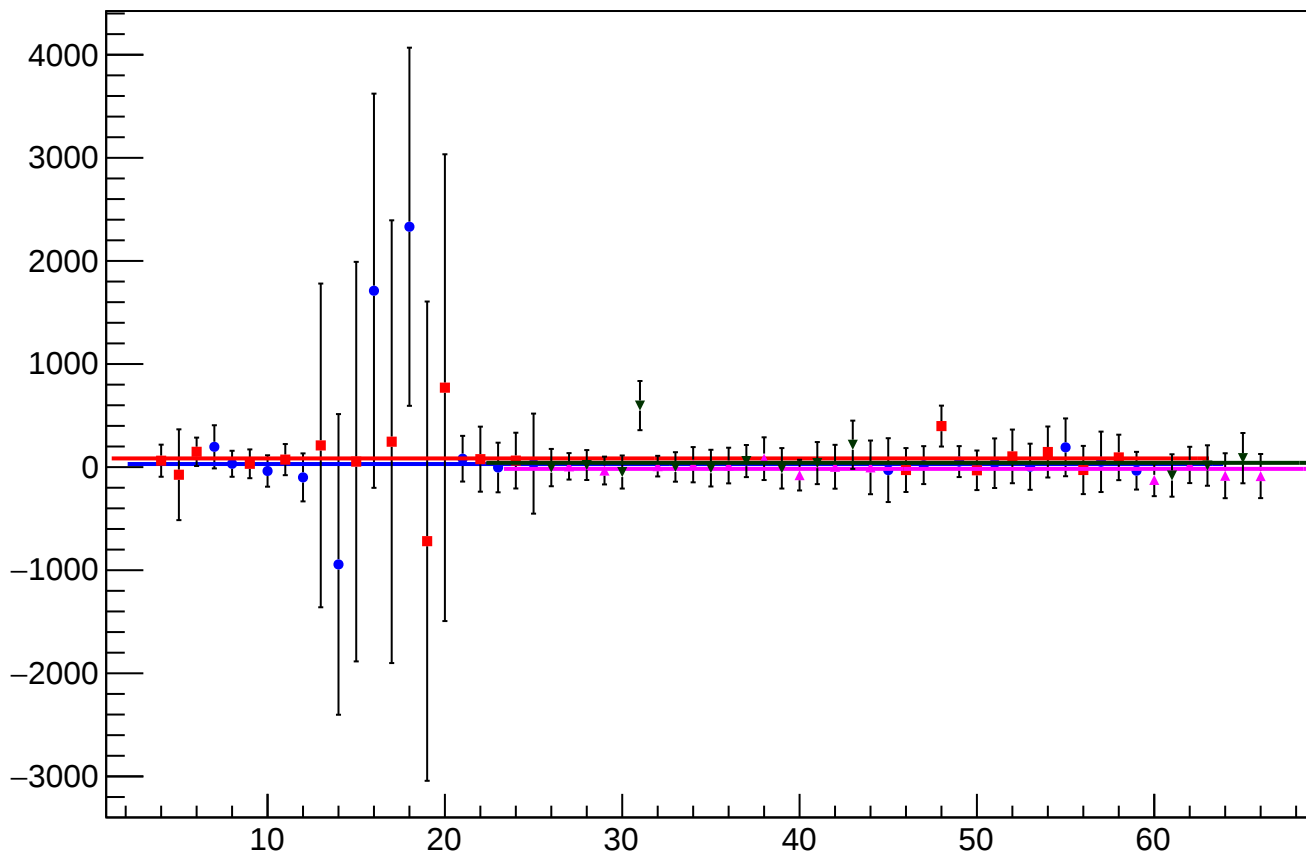
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 15.921 $\pm$ 0.004 χ^2 /NDF: 246204.5/12

14.037 $\pm$ 0.003 χ^2 /NDF: 6199368.4/30

13.732 $\pm$ 0.003 χ^2 /NDF: 7065996.9/31

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: 41.468 ± 50.584 χ^2/NDF : 7.0/12

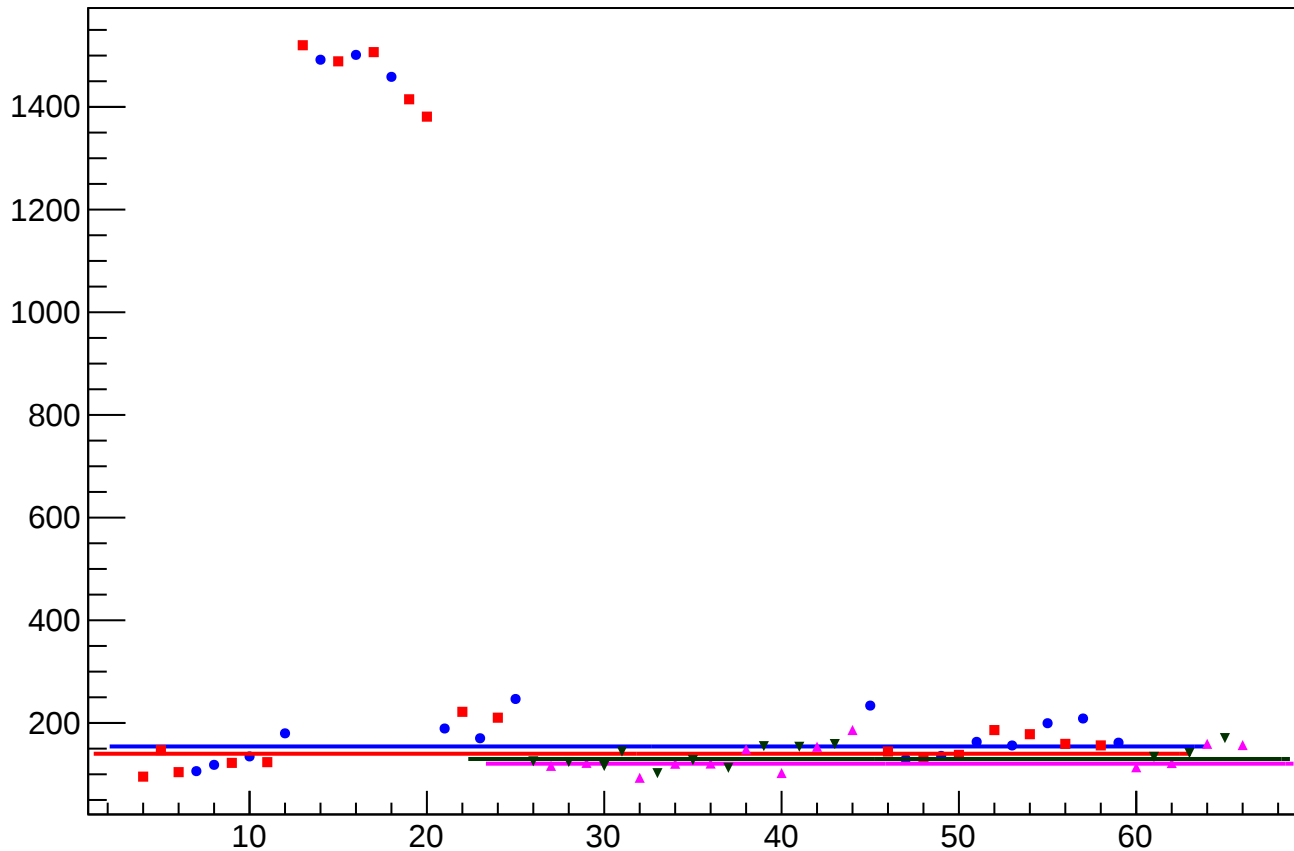
Right Out: 84.316 ± 52.424 χ^2/NDF : 4.2/18

Left In: -17.104 ± 44.546 χ^2/NDF : 1.3/12

35.927 ± 36.349 χ^2/NDF : 11.8/30

25.420 ± 33.946 χ^2/NDF : 7.7/31

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: 129.830+/-0.036 χ^2/NDF : 279805.6/12

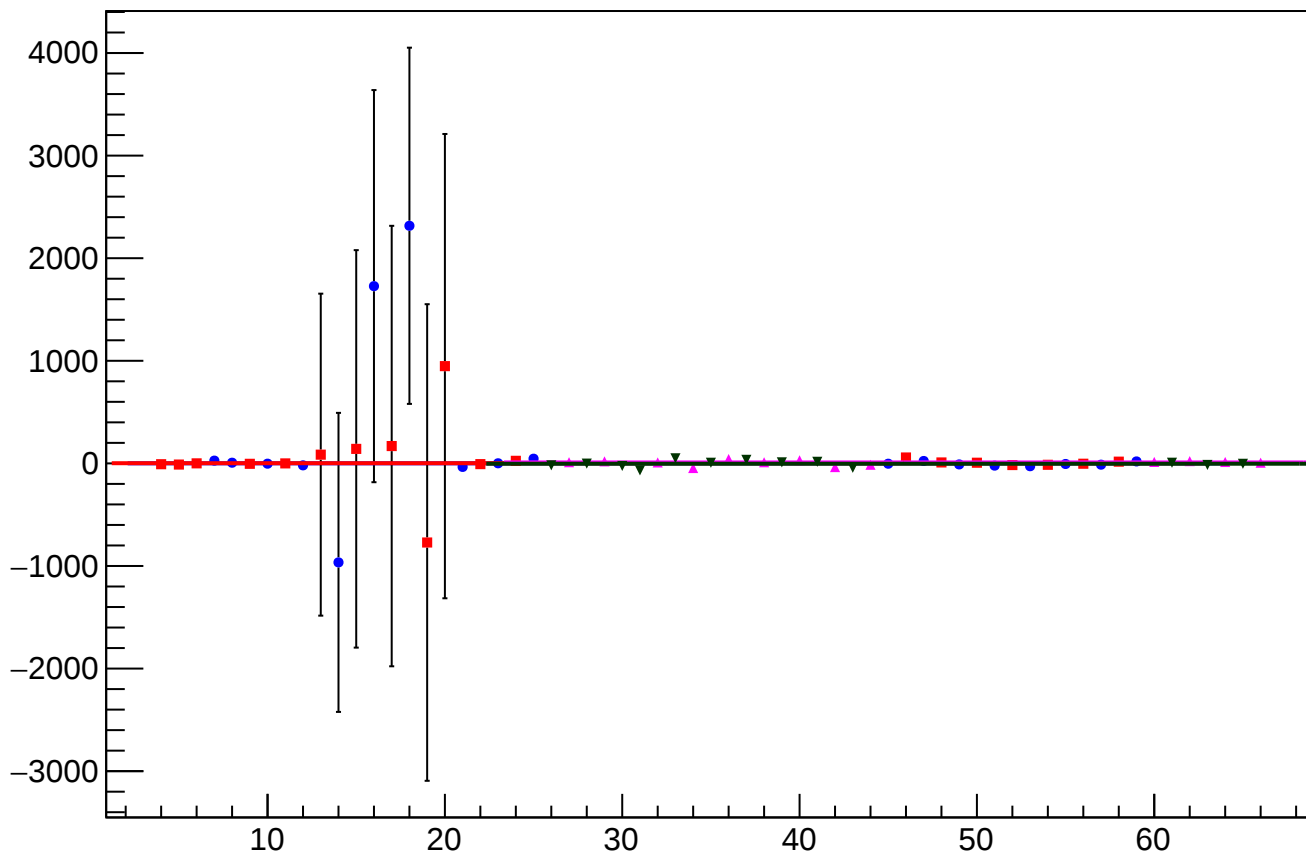
Right Out: 140.050+/-0.037 χ^2/NDF : 5289912.8/18

Left In: 120.668+/-0.031 χ^2/NDF : 519019.1/12

141.633+/-0.026 χ^2/NDF : 5089804.2/30

128.795+/-0.024 χ^2/NDF : 5967682.5/31

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



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

Left Out: -3.184 $\pm$ 6.195 χ^2 /NDF:18.6/12

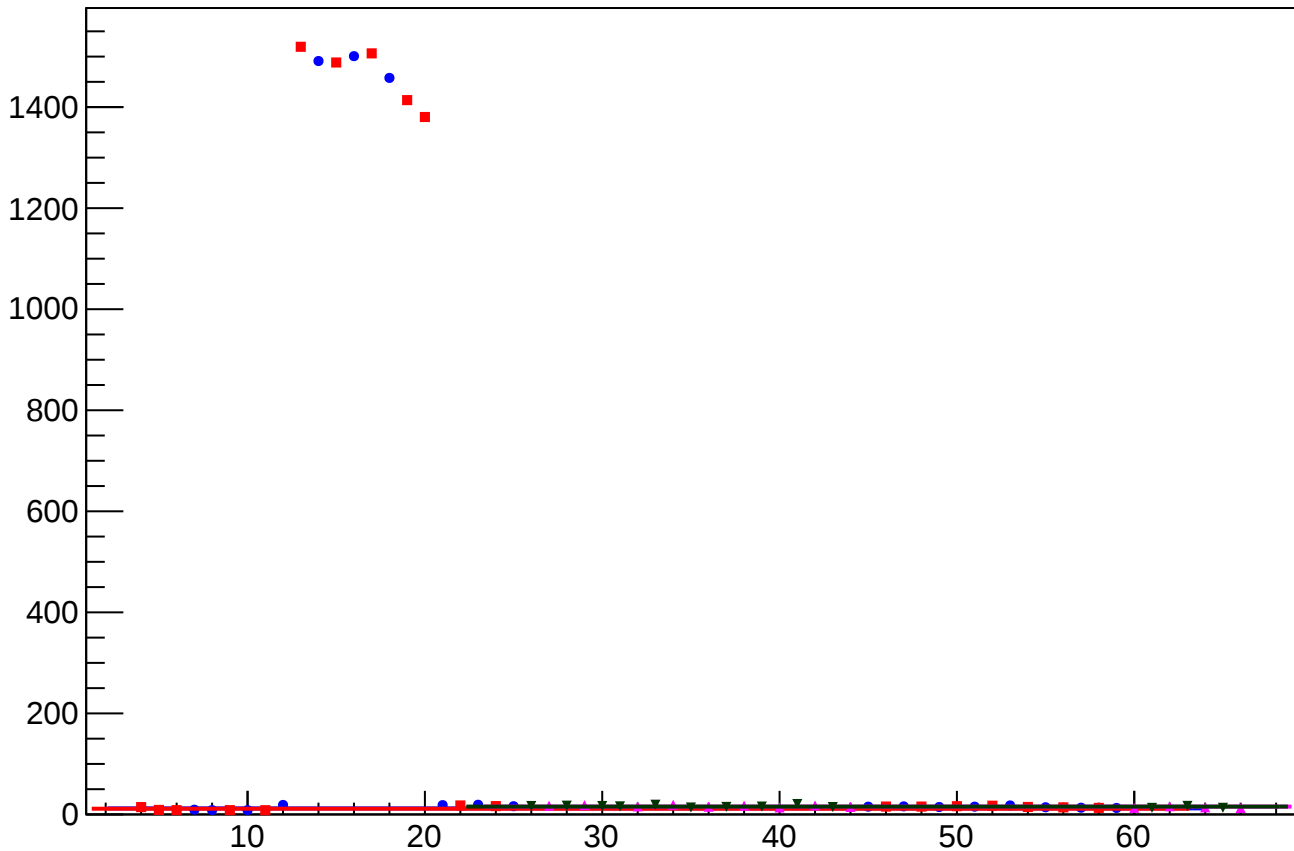
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 9.587 $\pm$ 5.804 χ^2 /NDF:11.8/12

-0.601 $\pm$ 3.541 χ^2 /NDF: 34.9/30

4.688 $\pm$ 3.541 χ^2 /NDF: 23.1/31

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: 15.563+/-0.004 χ^2/NDF : 211992.4/12

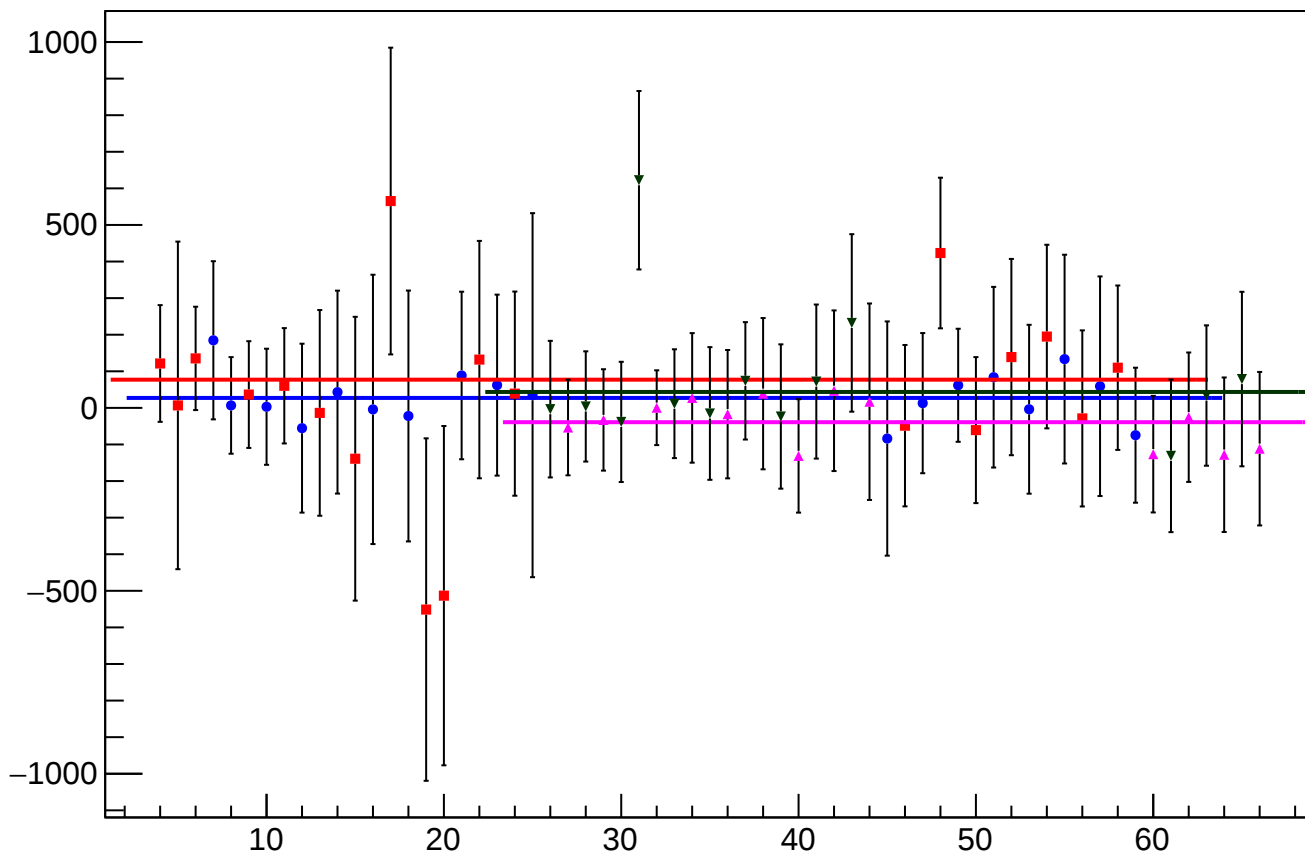
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 15.514+/-0.004 χ^2/NDF : 233954.6/12

13.173+/-0.003 χ^2/NDF : 6715630.9/30

12.907+/-0.003 χ^2/NDF : 7522690.6/31

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: 43.542+/-51.702 χ^2/NDF : 7.7/12

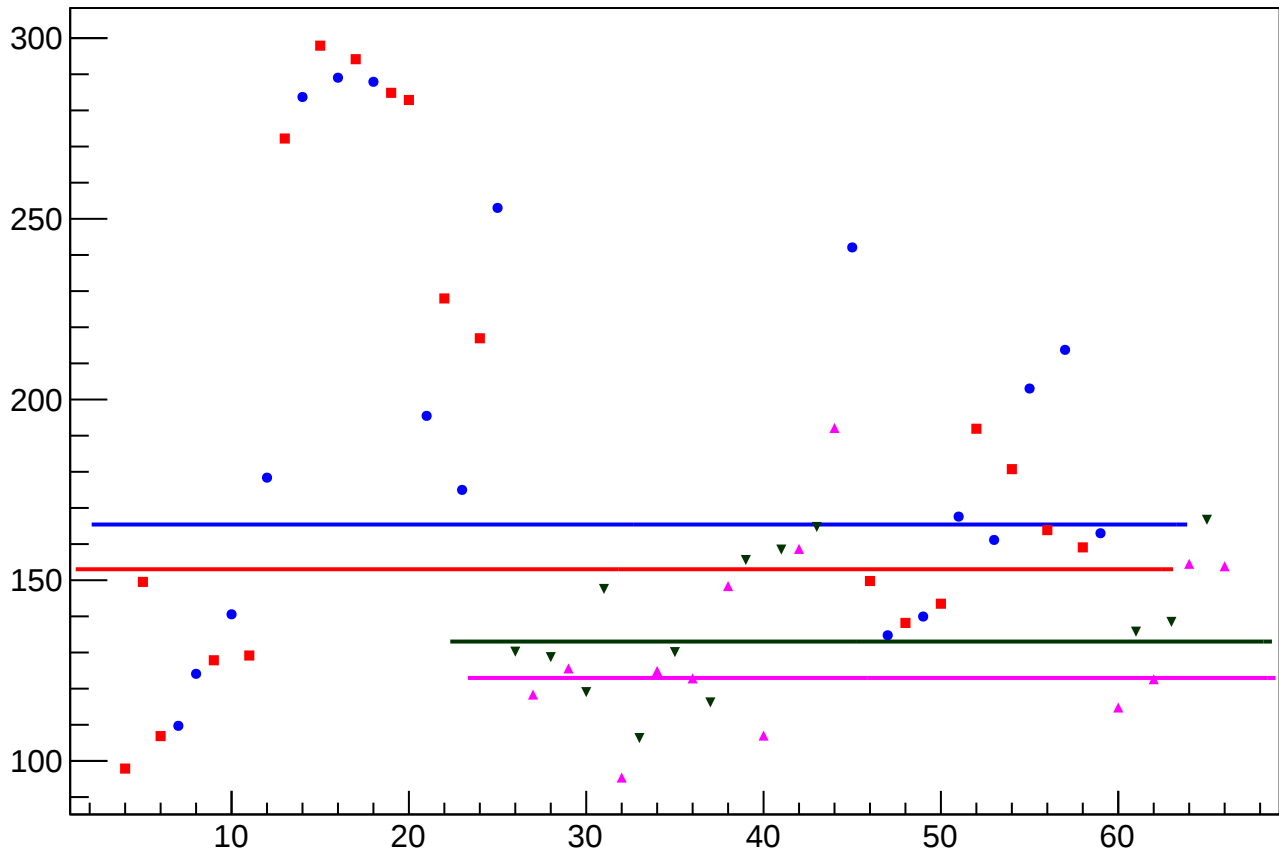
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -39.110+/-45.323 χ^2/NDF : 1.6/12

35.401+/-36.599 χ^2/NDF : 9.2/30

11.410+/-34.077 χ^2/NDF : 14.2/31

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 133.033 $\pm$ 0.037 χ^2 /NDF: 242202.9/12

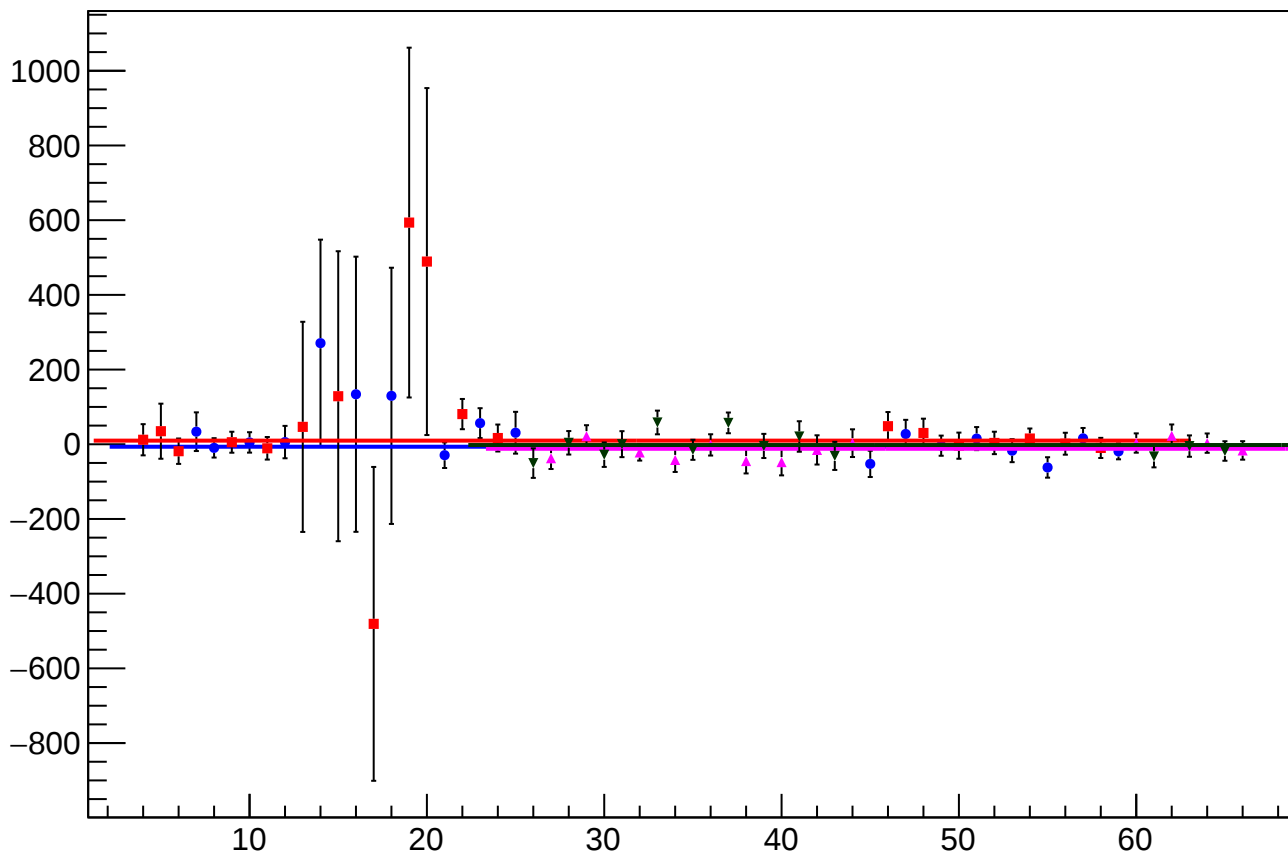
149.190 $\pm$ 0.026 χ^2 /NDF: 2270125.5/30

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

136.037 $\pm$ 0.024 χ^2 /NDF: 2899962.7/31

Left In: 122.964 $\pm$ 0.032 χ^2 /NDF: 479269.3/12

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: -2.001+/-8.701 χ^2 /NDF:13.0/12

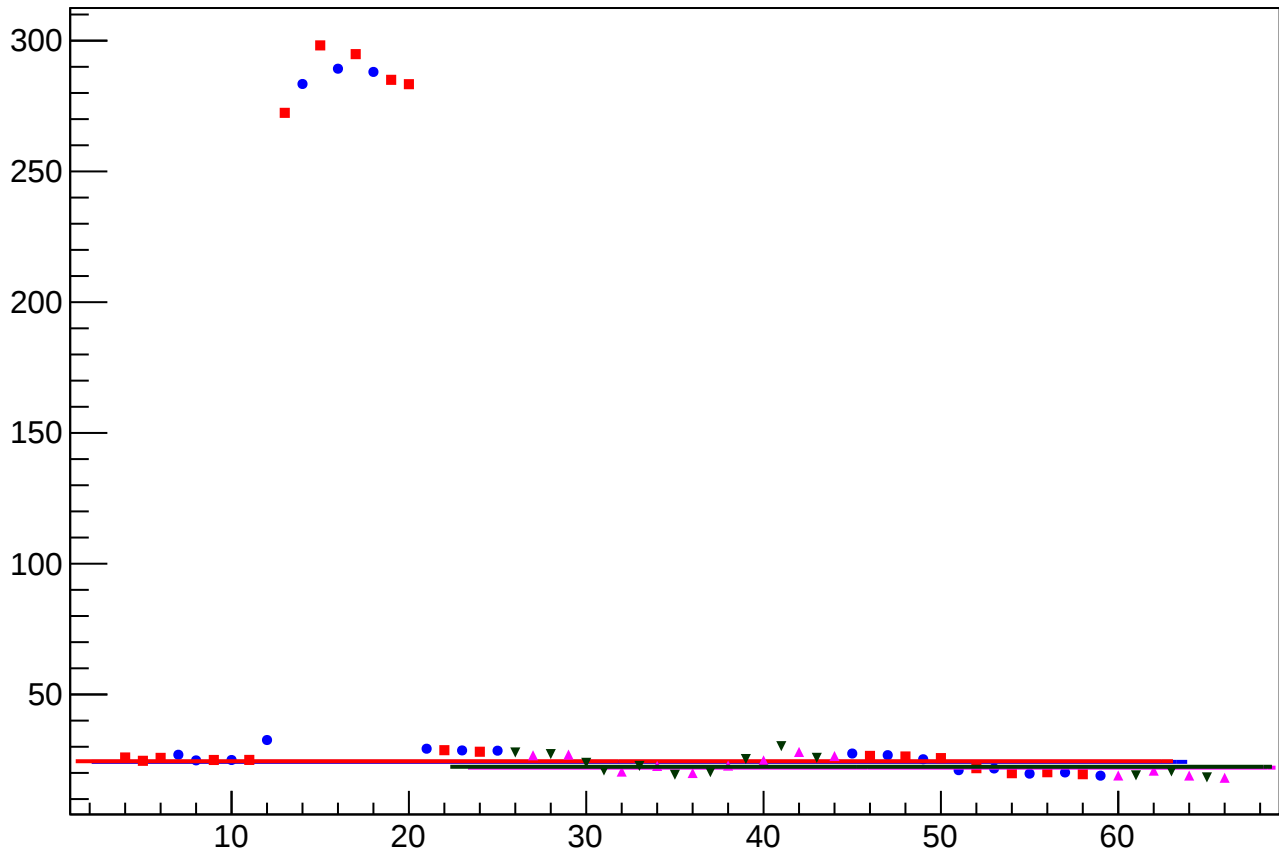
Right Out: 9.755+/-8.898 χ^2 /NDF: 10.7/18

Left In: -12.113+/-8.049 χ^2 /NDF:7.5/12

-4.458+/-5.915 χ^2 /NDF: 26.9/30

-2.271+/-5.969 χ^2 /NDF: 21.5/31

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 22.349+/-0.006 χ^2/NDF : 319313.4/12

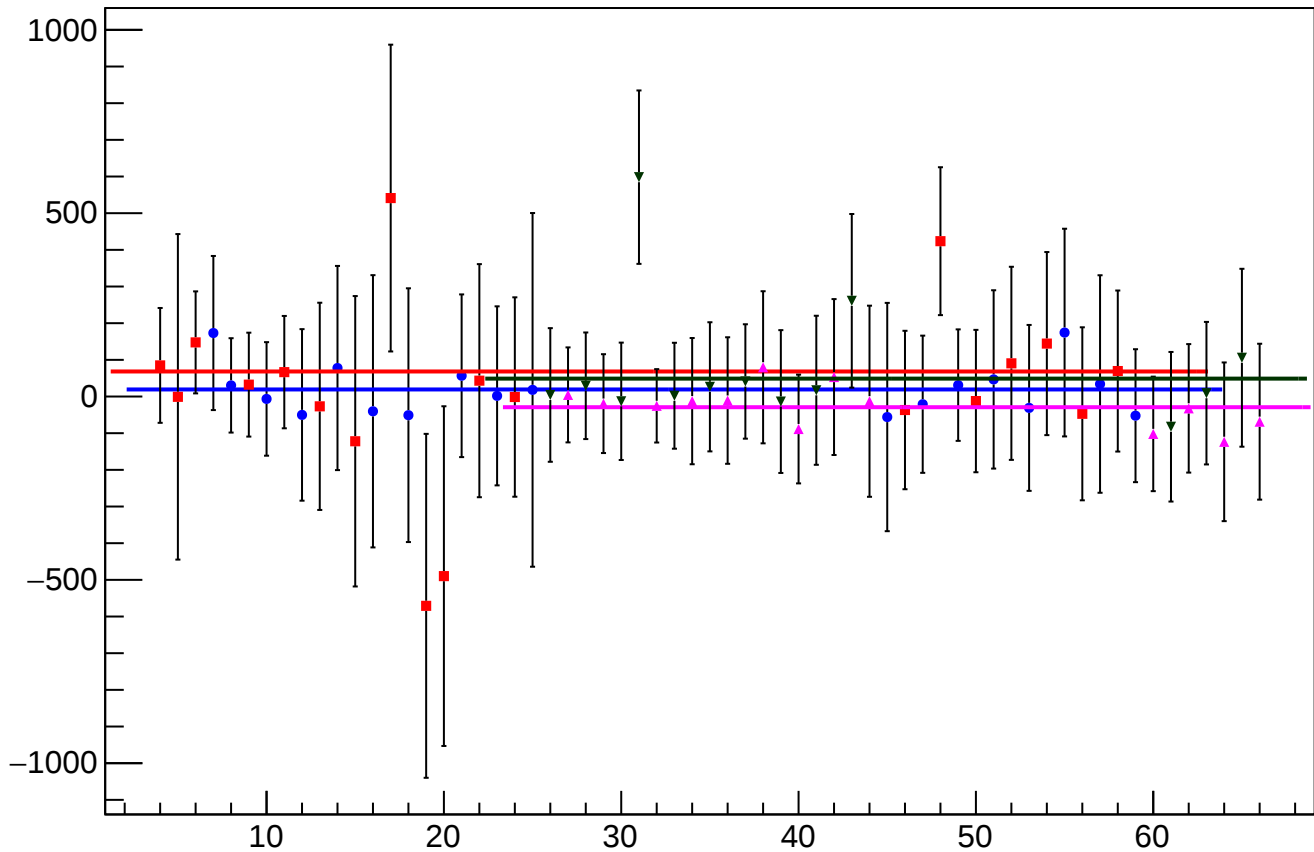
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

Left In: 22.011+/-0.006 χ^2/NDF : 327376.9/12

23.358+/-0.004 χ^2/NDF : 4782411.9/30

23.116+/-0.004 χ^2/NDF : 5271101.9/31

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: 48.817+/-50.538 χ^2/NDF : 7.2/12

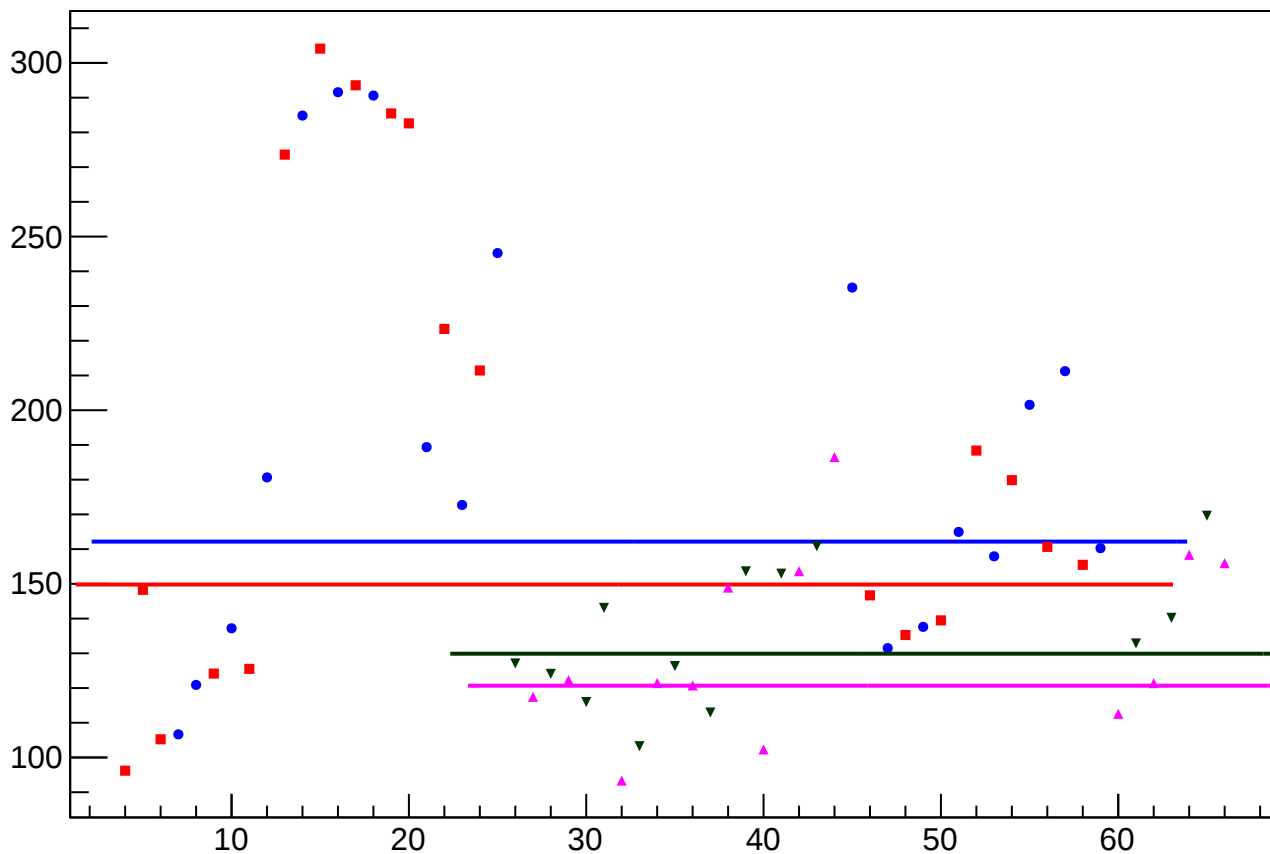
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -29.148+/-44.525 χ^2/NDF : 1.1/12

34.150+/-35.867 χ^2/NDF : 8.8/30

13.277+/-33.458 χ^2/NDF : 12.5/31

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 129.887+/-0.036 χ^2/NDF : 266646.4/12

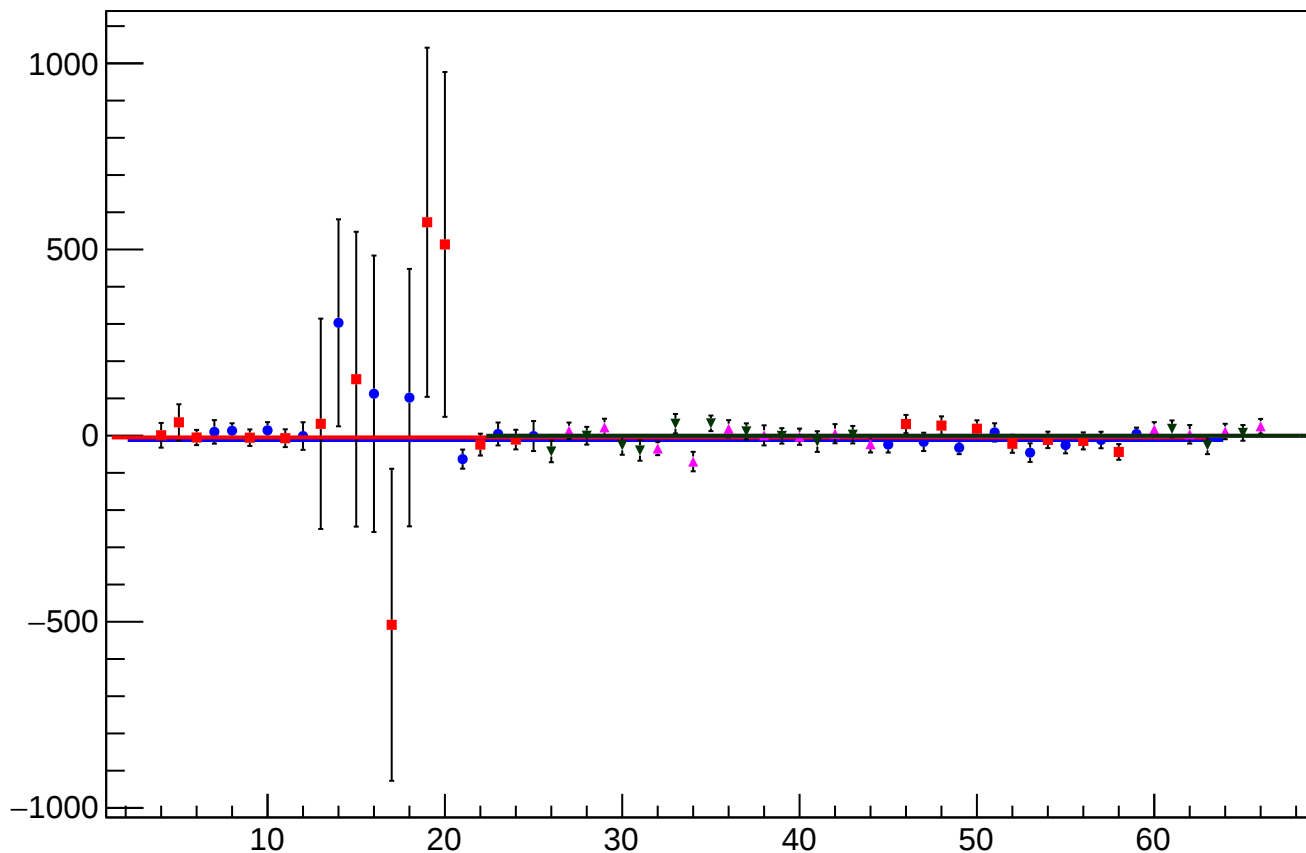
145.907+/-0.025 χ^2/NDF : 2392192.0/30

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

133.353+/-0.024 χ^2/NDF : 3002491.9/31

Left In: 120.672+/-0.031 χ^2/NDF : 515175.9/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -0.358 $\pm$ 6.574 χ^2 /NDF: 11.9/12

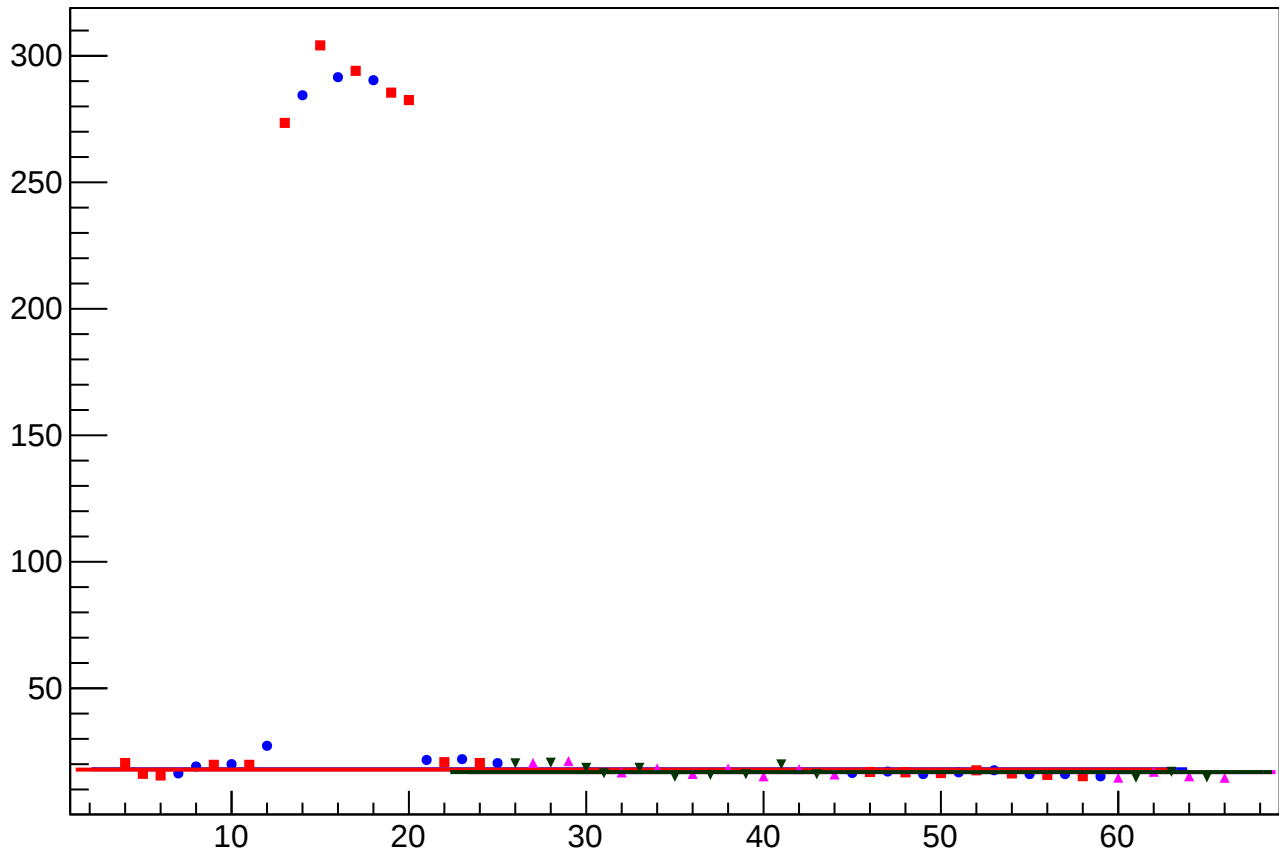
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

Left In: -0.513 $\pm$ 6.170 χ^2 /NDF: 16.3/12

-6.520 $\pm$ 4.446 χ^2 /NDF: 28.5/30

-2.550 $\pm$ 4.491 χ^2 /NDF: 31.2/31

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: 16.865+/-0.005 χ^2/NDF : 184382.1/12

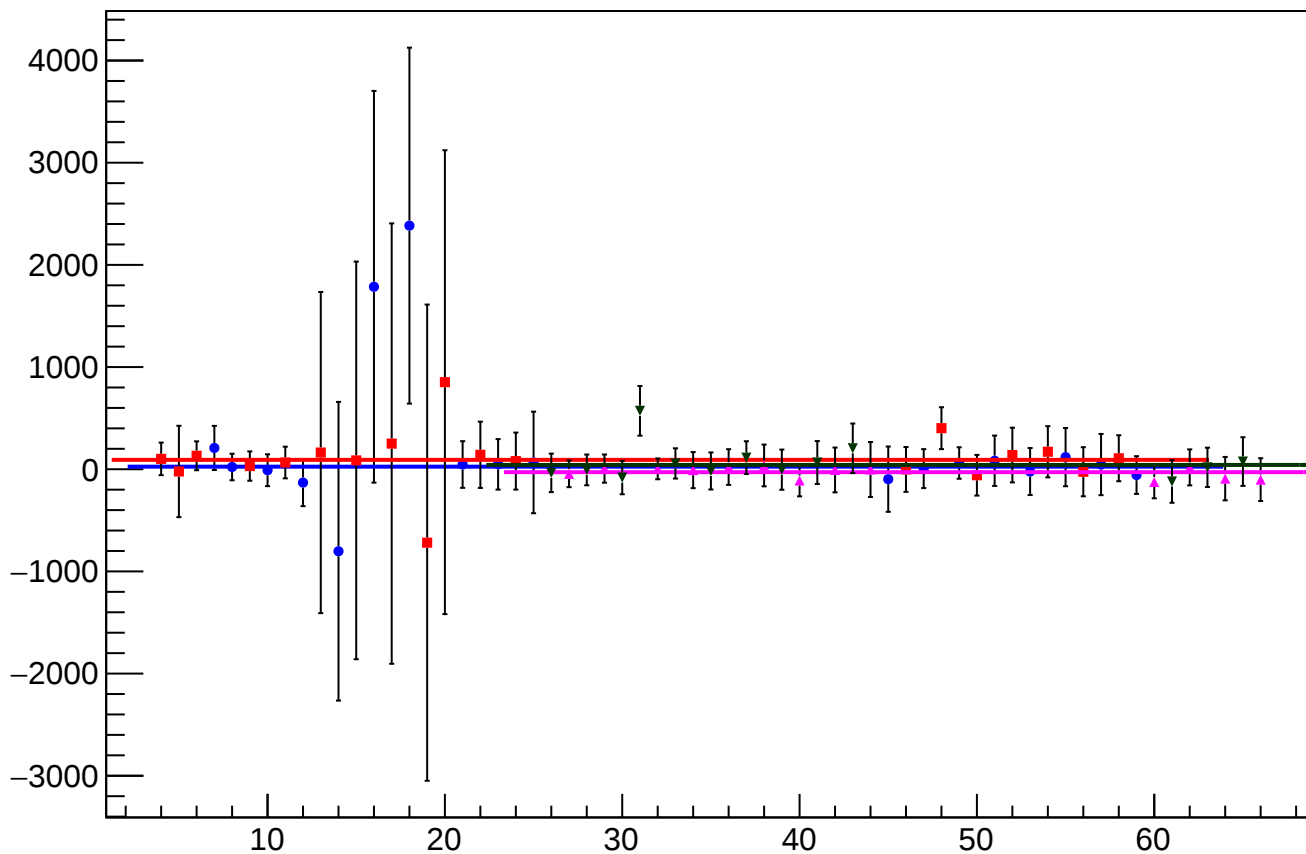
Right Out: 17.855+/-0.005 χ^2/NDF : 5034119.1/18

Left In: 16.849+/-0.004 χ^2/NDF : 219824.4/12

17.474+/-0.003 χ^2/NDF : 4741263.8/30

17.322+/-0.003 χ^2/NDF : 5278901.9/31

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 42.149 $\pm$ 51.661 χ^2 /NDF: 7.1/12

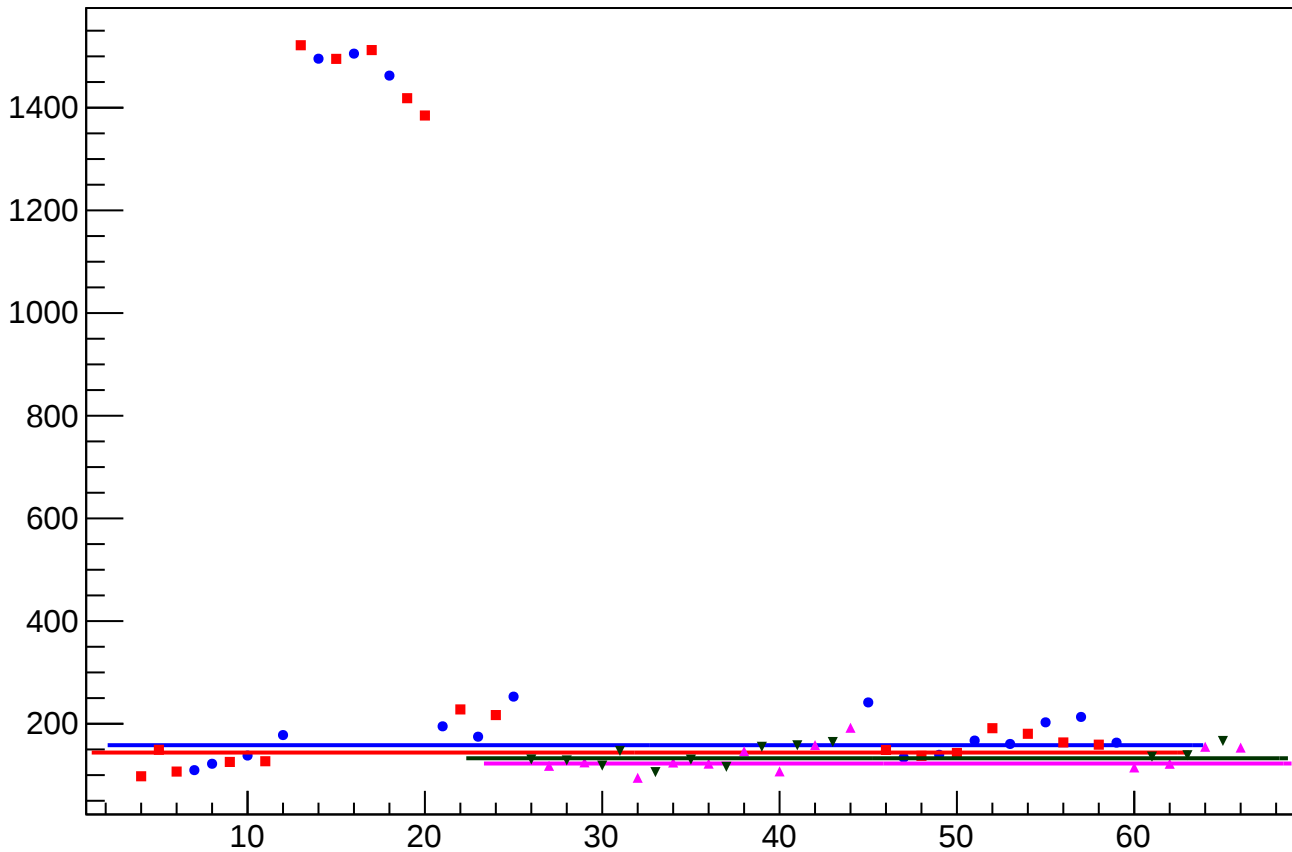
Right Out: 91.771 $\pm$ 53.823 χ^2 /NDF: 4.0/18

Left In: -28.731 $\pm$ 45.198 χ^2 /NDF: 1.3/12

33.936 $\pm$ 37.176 χ^2 /NDF: 12.0/30

21.102 $\pm$ 34.612 χ^2 /NDF: 8.3/31

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 132.829 $\pm$ 0.037 χ^2 /NDF: 243832.9/12

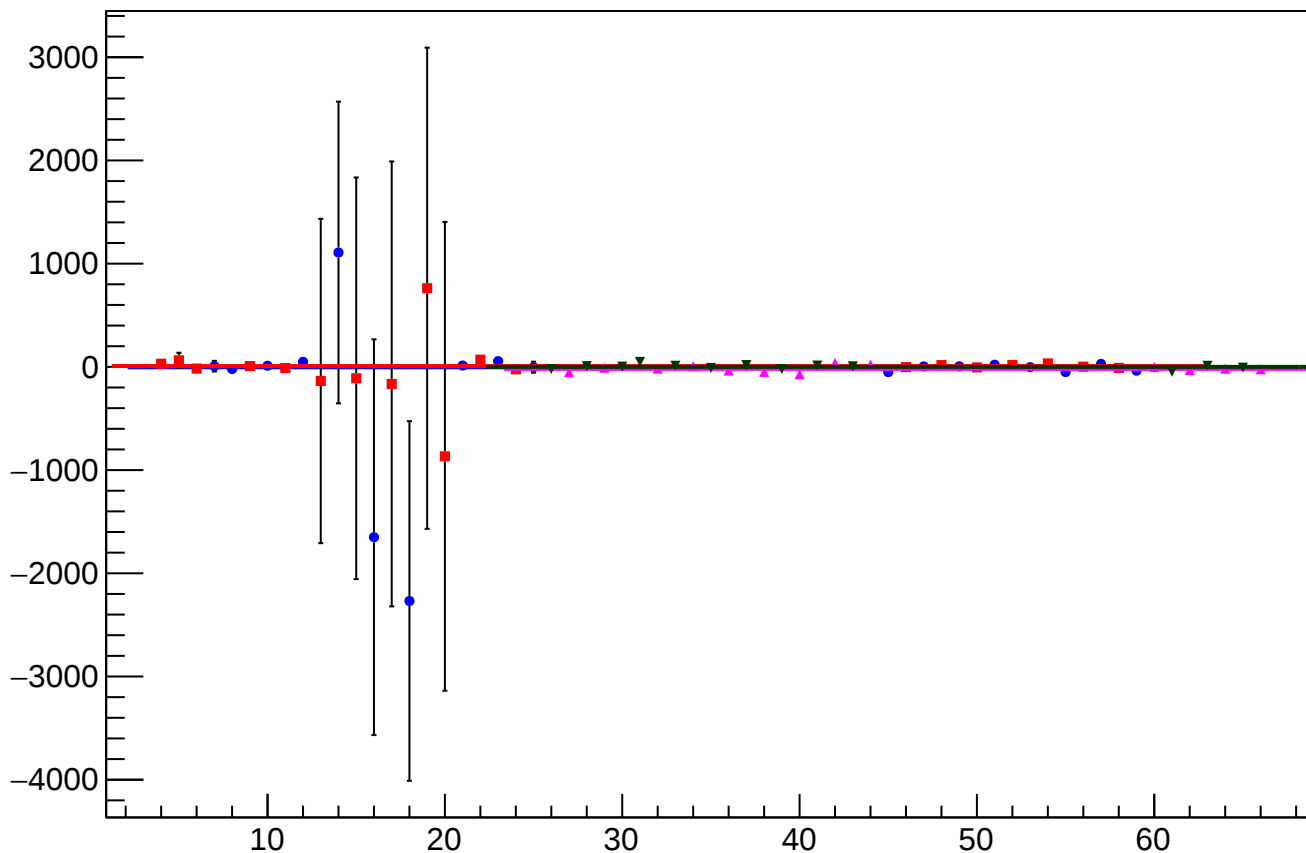
145.098 $\pm$ 0.026 χ^2 /NDF: 5016806.0/30

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

131.418 $\pm$ 0.024 χ^2 /NDF: 5935750.8/31

Left In: 122.588 $\pm$ 0.032 χ^2 /NDF: 483197.3/12

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: -0.001+/-8.302 χ^2 /NDF: 6.8/12

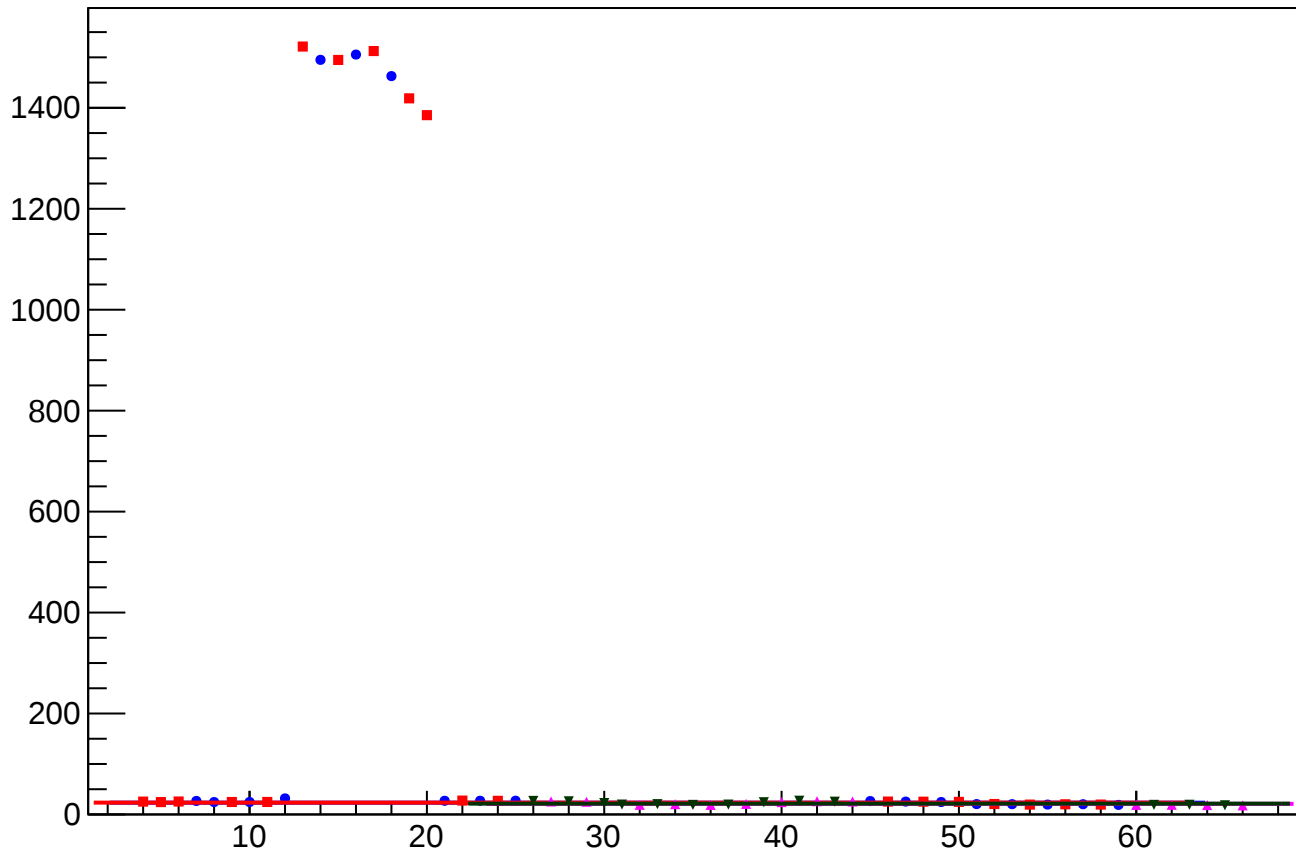
Right Out: 7.973+/-8.718 χ^2 /NDF: 7.3/18

Left In: -19.578+/-7.645 χ^2 /NDF: 10.4/12

-2.143+/-5.714 χ^2 /NDF: 24.5/30

-7.602+/-5.748 χ^2 /NDF: 23.4/31

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 21.421+/-0.006 χ^2/NDF : 276277.6/12

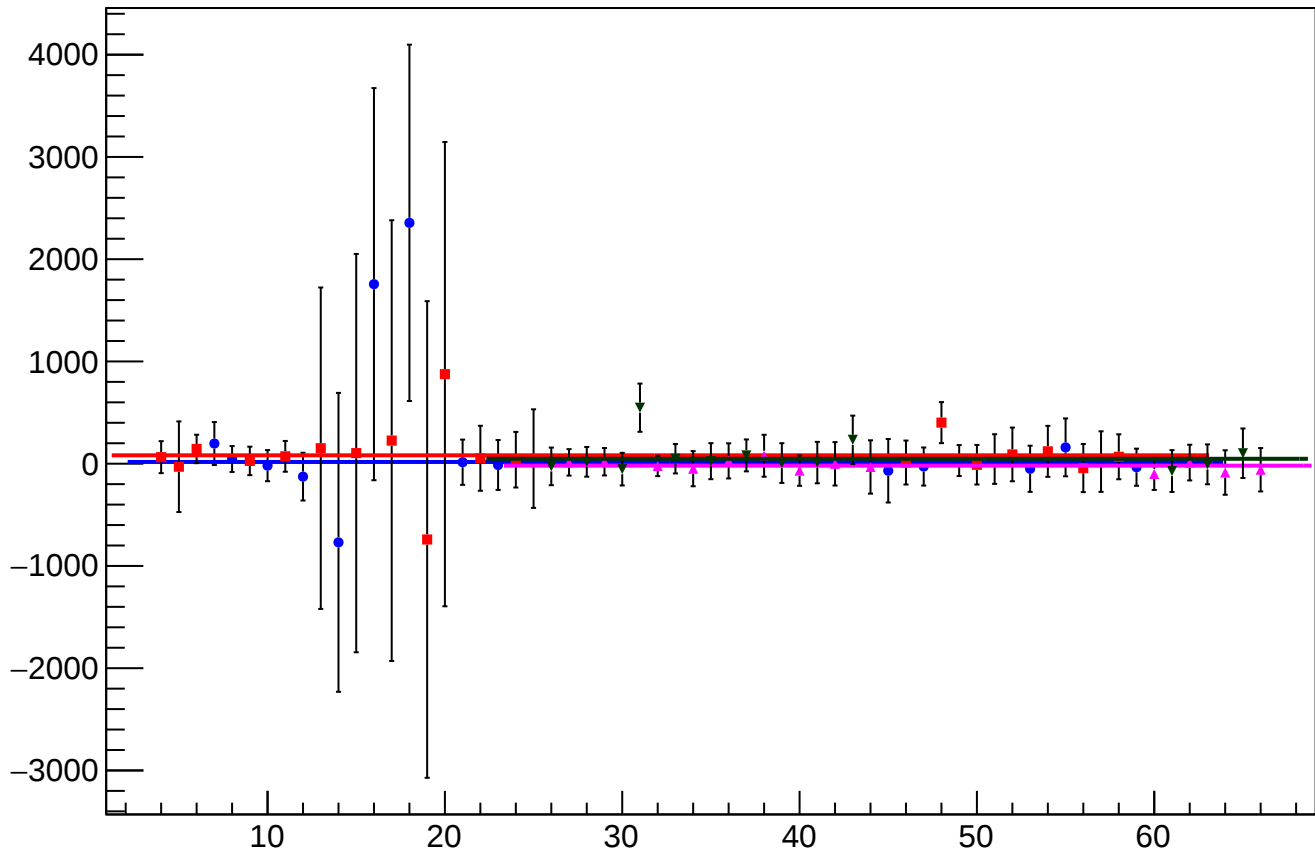
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 21.028+/-0.005 χ^2/NDF : 298410.7/12

22.429+/-0.004 χ^2/NDF : 5297538.6/30

22.078+/-0.004 χ^2/NDF : 5946896.6/31

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 16.936 $\pm$ 52.488 χ^2 /NDF: 4.7/17

Left Out: 47.909 $\pm$ 50.490 χ^2 /NDF: 6.3/12

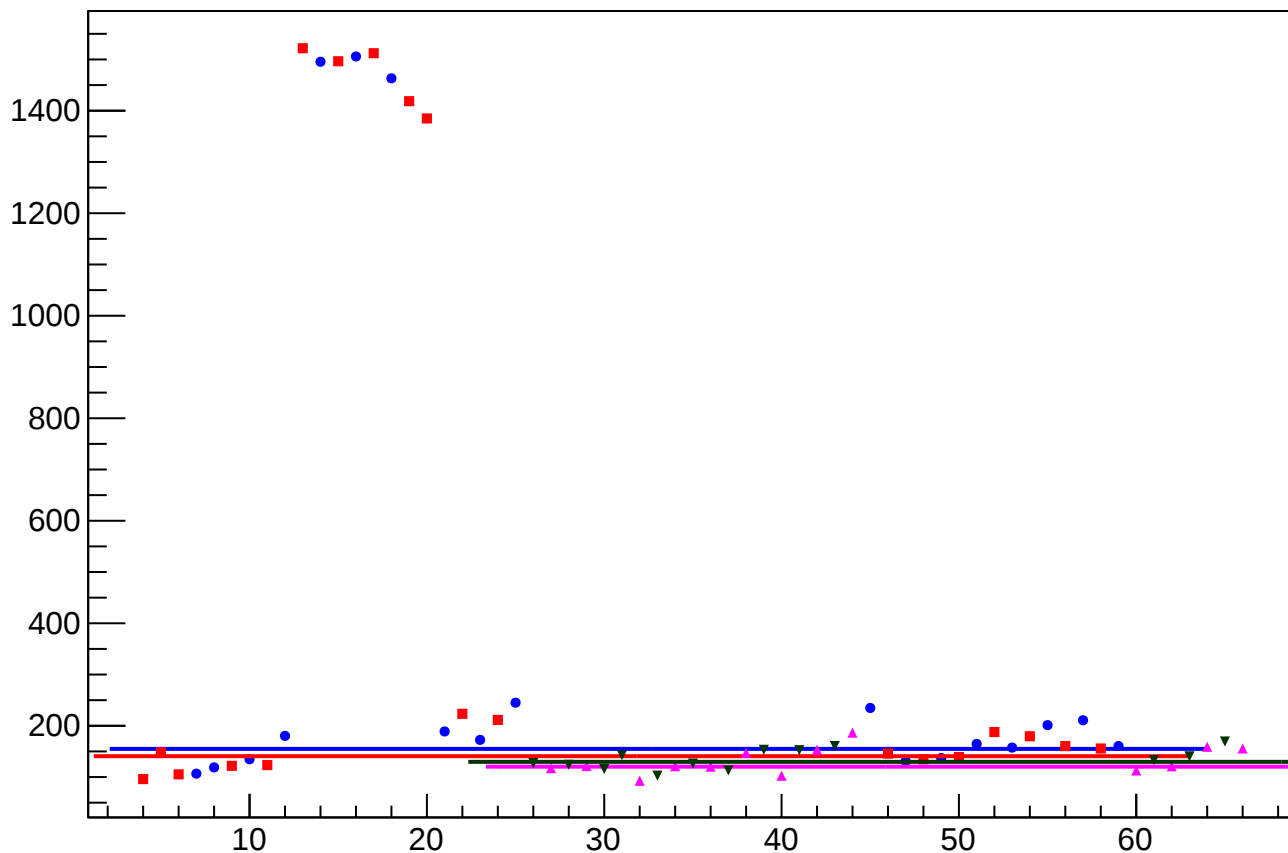
Right Out: 81.906 $\pm$ 52.666 χ^2 /NDF: 3.9/18

Left In: -19.203 $\pm$ 44.396 χ^2 /NDF: 1.0/12

33.023 $\pm$ 36.388 χ^2 /NDF: 11.2/30

22.800 $\pm$ 33.945 χ^2 /NDF: 7.1/31

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 129.667 $\pm$ 0.036 χ^2 /NDF: 268748.1/12

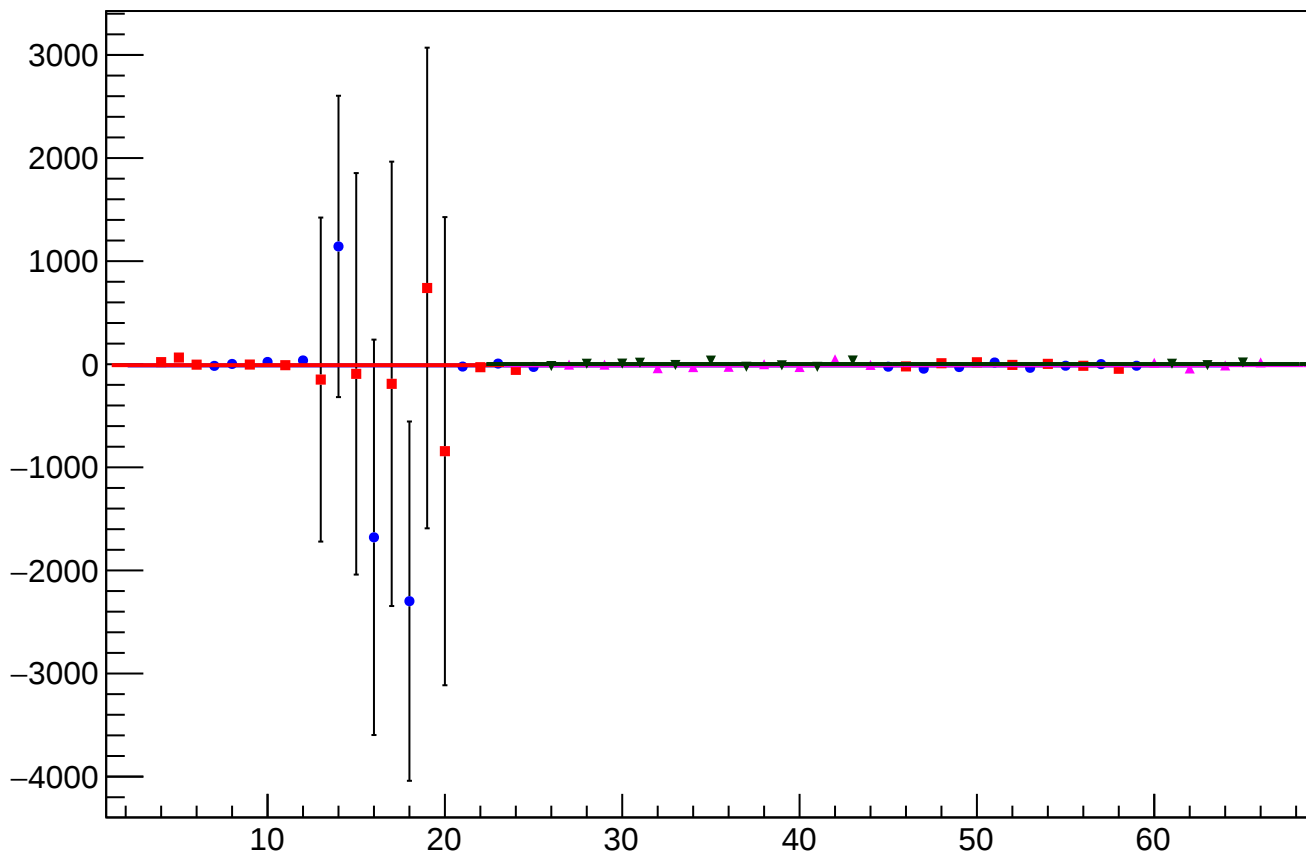
Right Out: 140.710 $\pm$ 0.037 χ^2 /NDF: 5291988.7/18

Left In: 120.289 $\pm$ 0.031 χ^2 /NDF: 519408.4/12

141.817 $\pm$ 0.026 χ^2 /NDF: 5090313.9/30

128.772 $\pm$ 0.024 χ^2 /NDF: 5987165.6/31

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 2.168 $\pm$ 6.141 χ^2 /NDF: 10.2/12

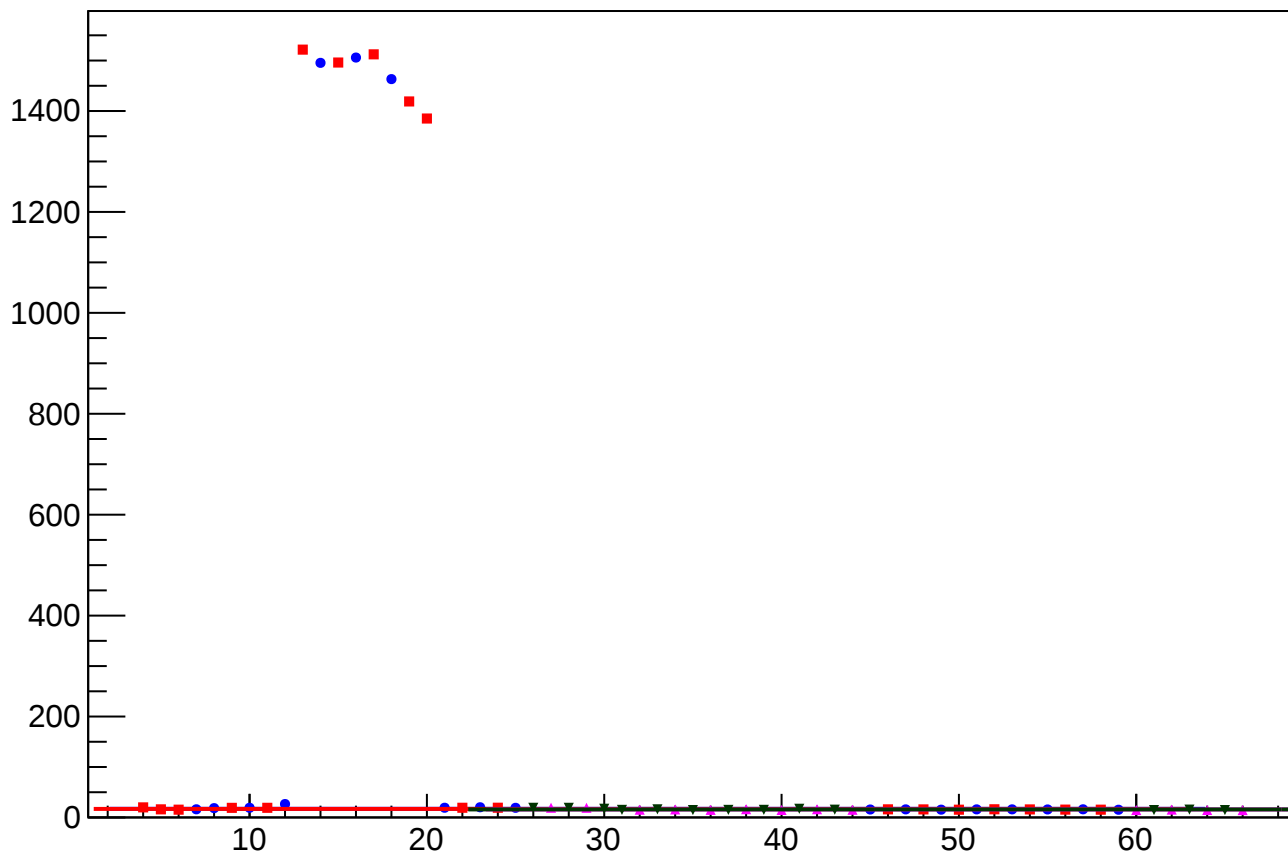
Right Out: -8.864 $\pm$ 6.293 χ^2 /NDF: 13.3/18

Left In: -9.152 $\pm$ 5.758 χ^2 /NDF: 16.9/12

-4.998 $\pm$ 4.206 χ^2 /NDF: 27.8/30

-9.020 $\pm$ 4.248 χ^2 /NDF: 30.2/31

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: 15.911 $\pm$ 0.004 χ^2 /NDF:115533.5/12

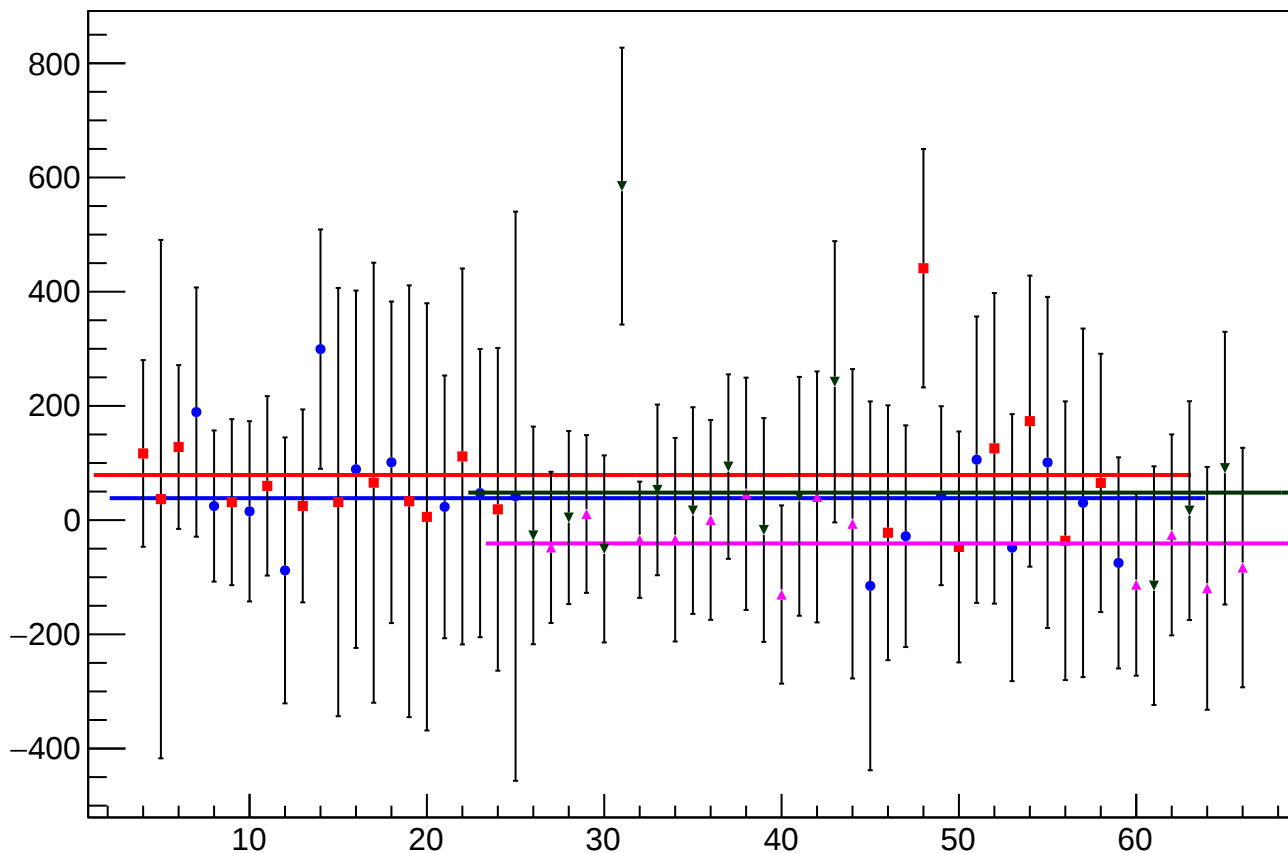
Right Out: 16.920 $\pm$ 0.004 χ^2 /NDF: 5539958.1/18

Left In: 15.908 $\pm$ 0.004 χ^2 /NDF:136653.9/12

16.539 $\pm$ 0.003 χ^2 /NDF: 5076948.9/30

16.369 $\pm$ 0.003 χ^2 /NDF: 5704762.1/31

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 38.450 $\pm$ 51.040 χ^2 /NDF: 3.4/17

Left Out: 48.166 $\pm$ 51.837 χ^2 /NDF: 7.0/12

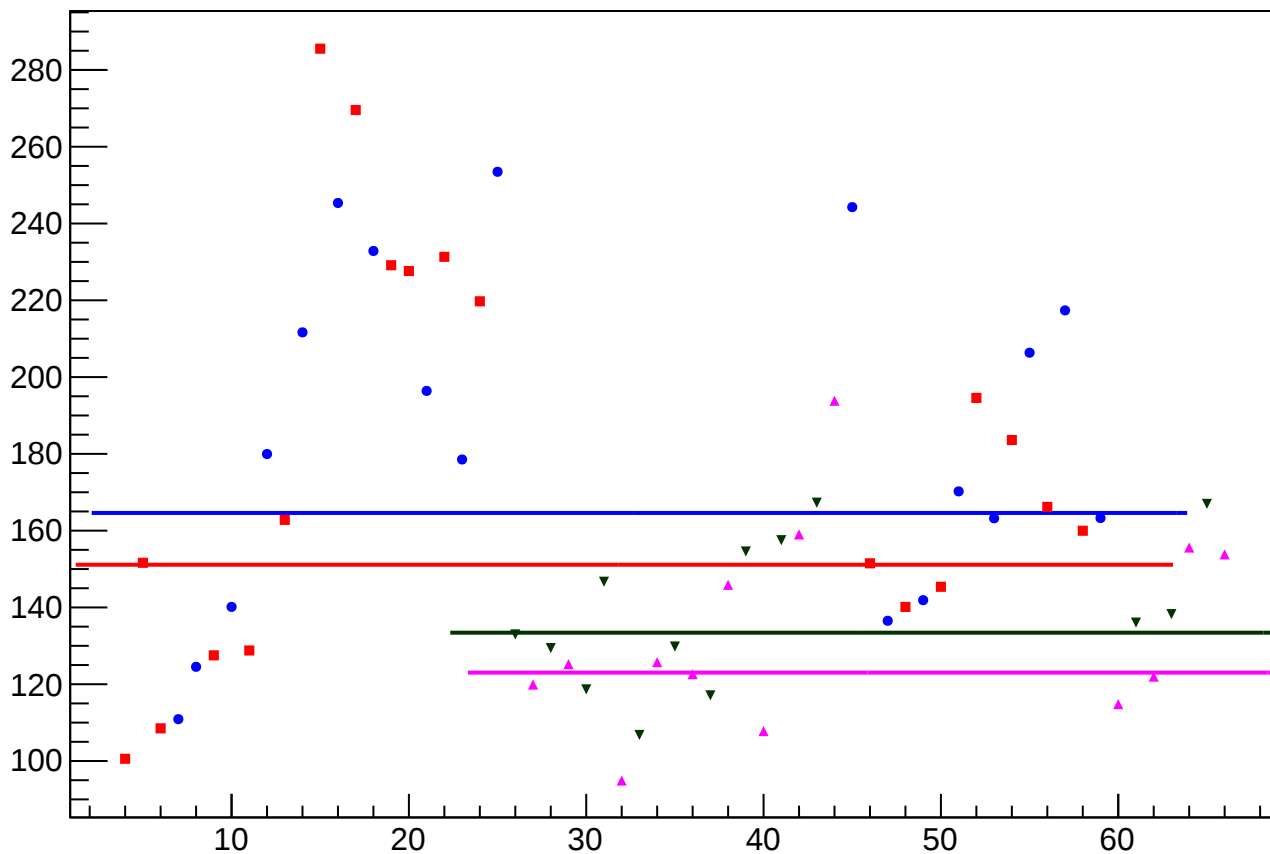
Right Out: 79.078 $\pm$ 50.233 χ^2 /NDF: 4.5/18

Left In: -40.787 $\pm$ 45.350 χ^2 /NDF: 1.3/12

43.233 $\pm$ 36.369 χ^2 /NDF: 10.4/30

13.038 $\pm$ 33.662 χ^2 /NDF: 8.9/31

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: 133.424 $\pm$ 0.037 χ^2/NDF : 237163.0/12

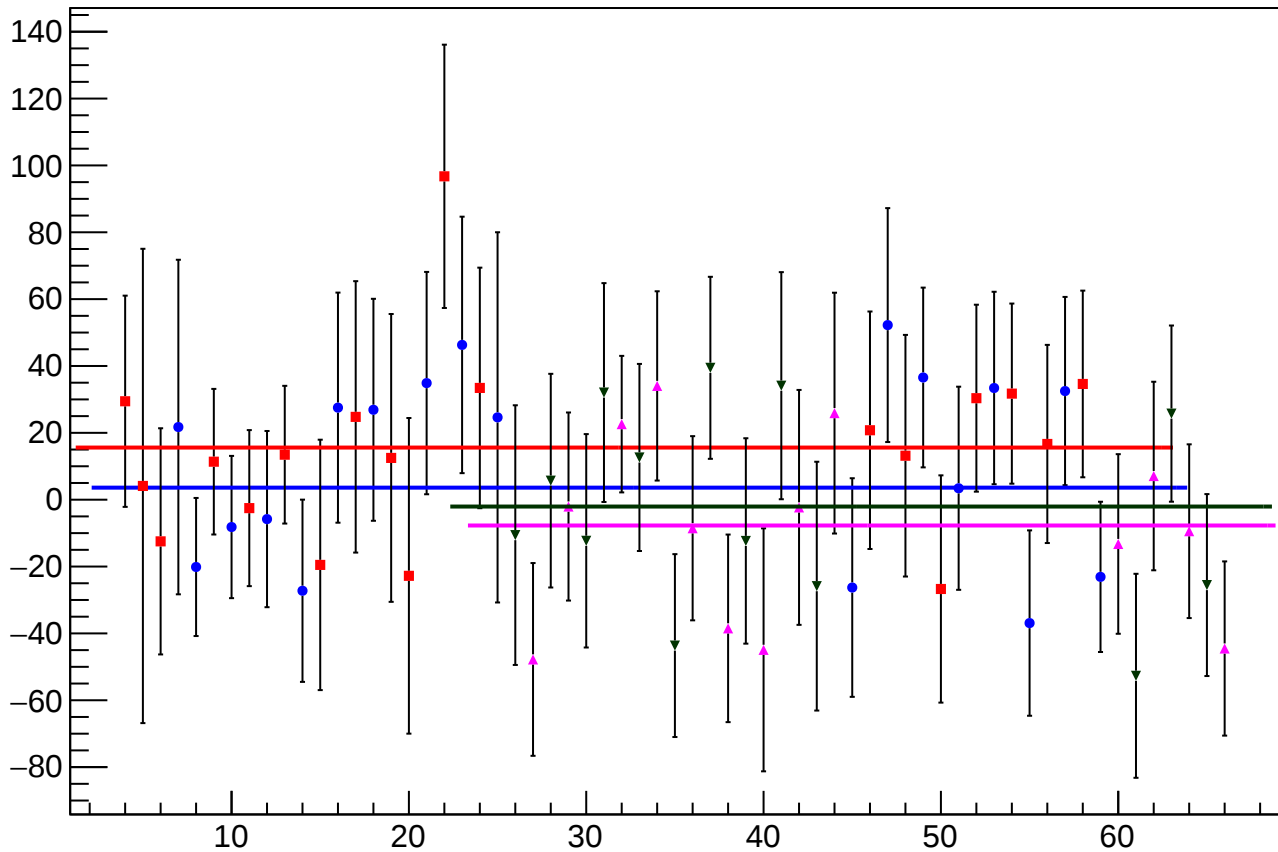
Right Out: 151.124 $\pm$ 0.036 χ^2/NDF : 1423423.3/18

Left In: 123.025 $\pm$ 0.032 χ^2/NDF : 484854.1/12

149.260 $\pm$ 0.026 χ^2/NDF : 1733322.1/30

135.643 $\pm$ 0.024 χ^2/NDF : 2253039.1/31

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -2.050 ± 8.442 $\chi^2/\text{NDF}: 12.5/12$

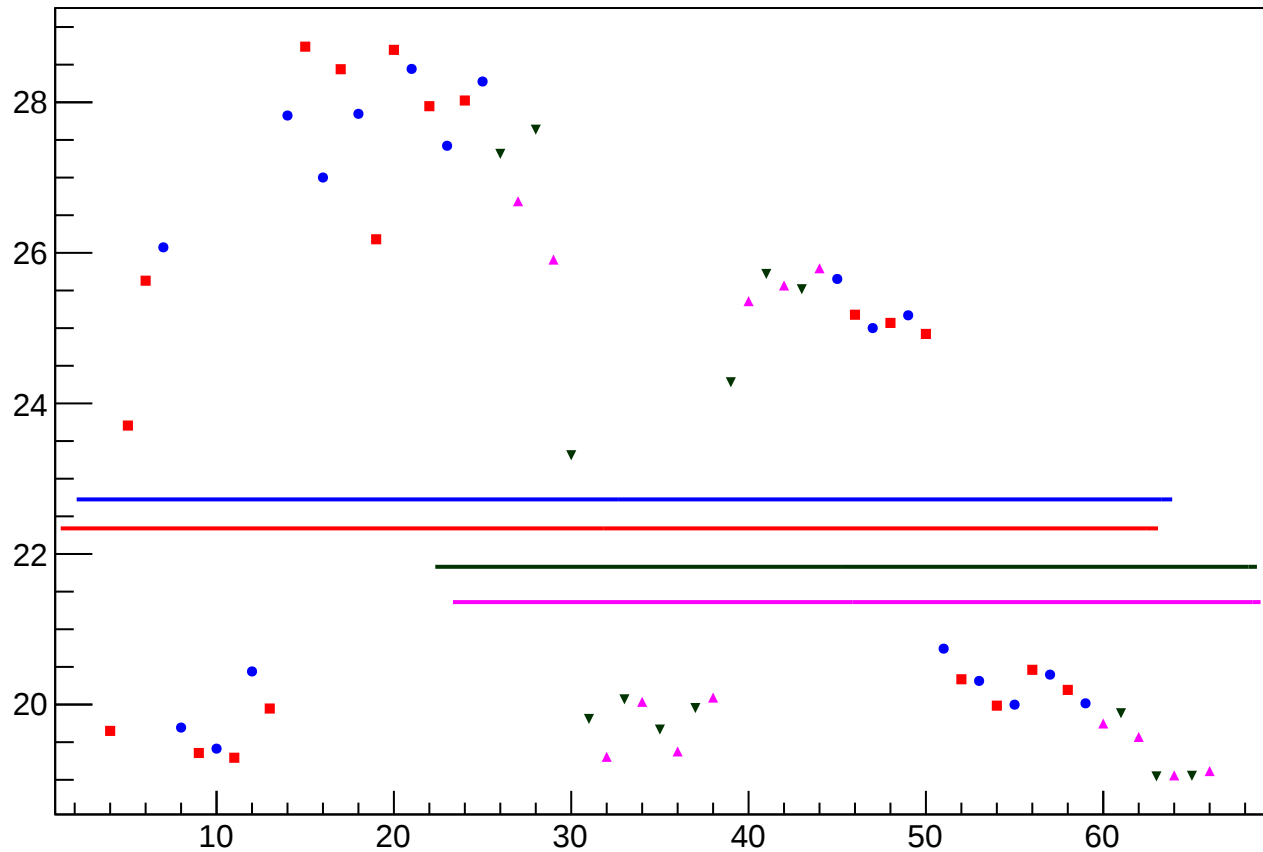
Right Out: 15.596 ± 7.143 $\chi^2/\text{NDF}: 10.3/18$

Left In: -7.719 ± 7.754 $\chi^2/\text{NDF}: 11.8/12$

1.364 ± 5.315 $\chi^2/\text{NDF}: 29.1/30$

4.893 ± 5.254 $\chi^2/\text{NDF}: 27.0/31$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 21.830+/-0.006 χ^2/NDF : 257600.7/12

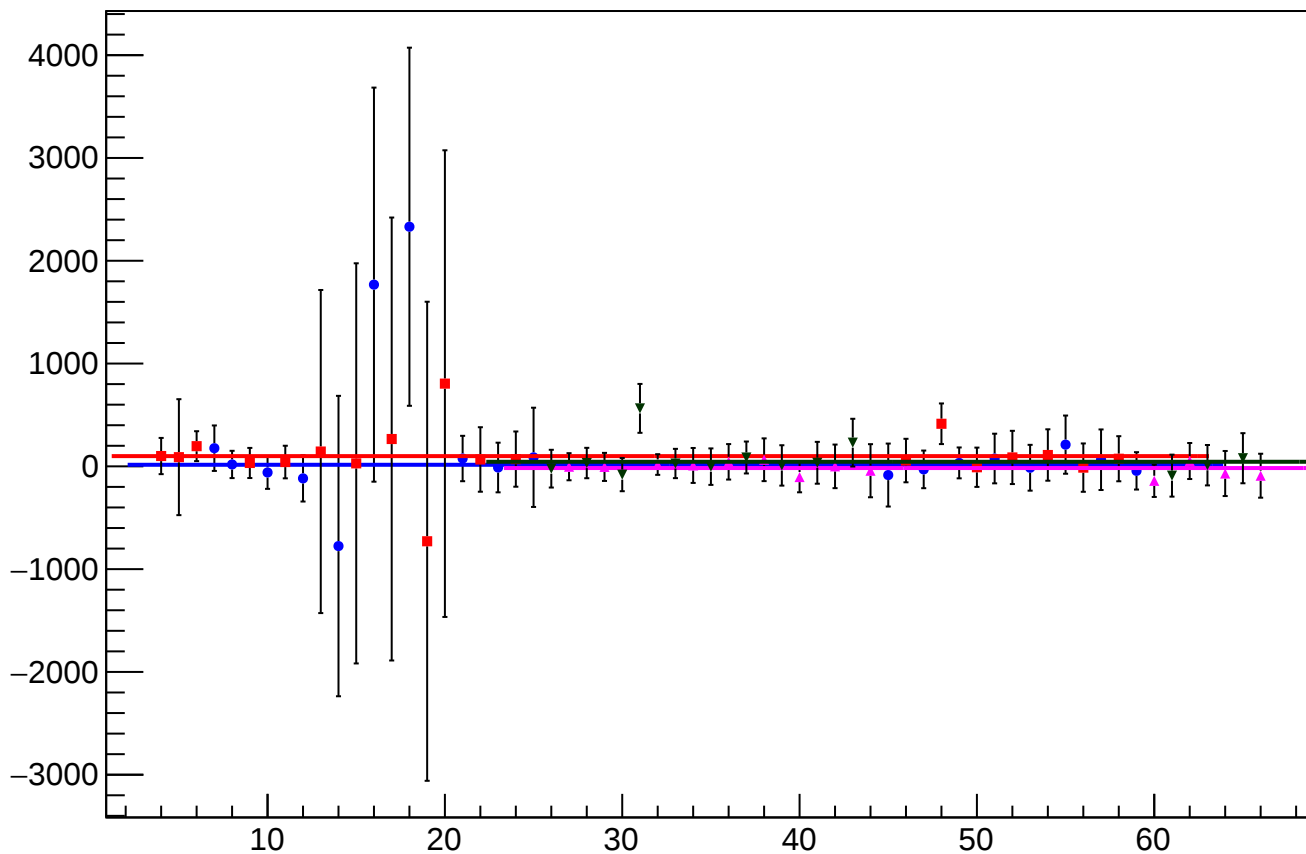
Right Out: 22.340+/-0.005 χ^2/NDF : 460008.2/18

Left In: 21.361+/-0.005 χ^2/NDF : 288562.5/12

22.370+/-0.004 χ^2/NDF : 769946.8/30

21.890+/-0.004 χ^2/NDF : 765820.9/31

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: 44.502+/-50.683 χ^2/NDF : 6.8/12

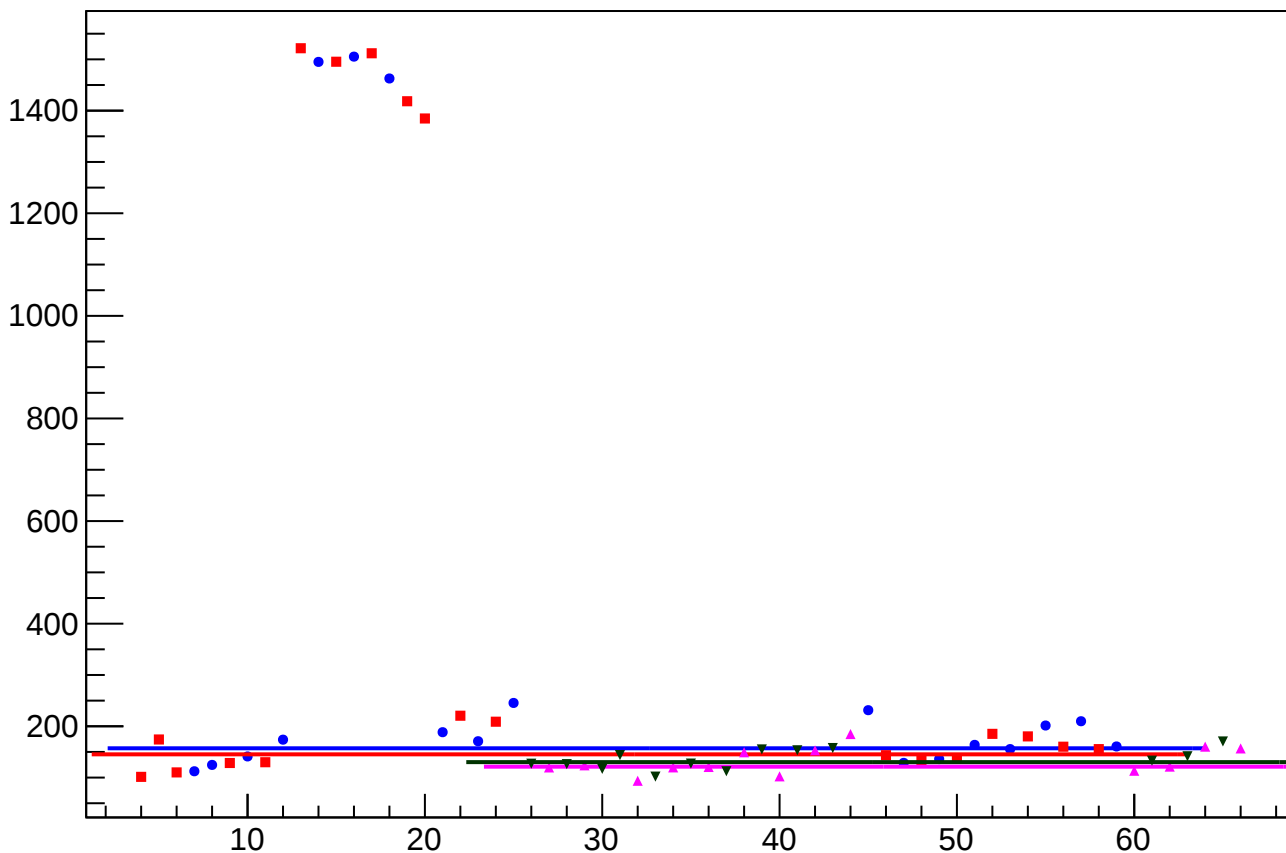
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

Left In: -16.617+/-44.731 χ^2/NDF : 1.7/12

30.509+/-36.636 χ^2/NDF : 12.0/30

30.345+/-34.521 χ^2/NDF : 8.7/31

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 157.088 $\pm$ 0.037 χ^2 /NDF: 4456786.2/17

Left Out: 130.130 $\pm$ 0.036 χ^2 /NDF: 274616.0/12

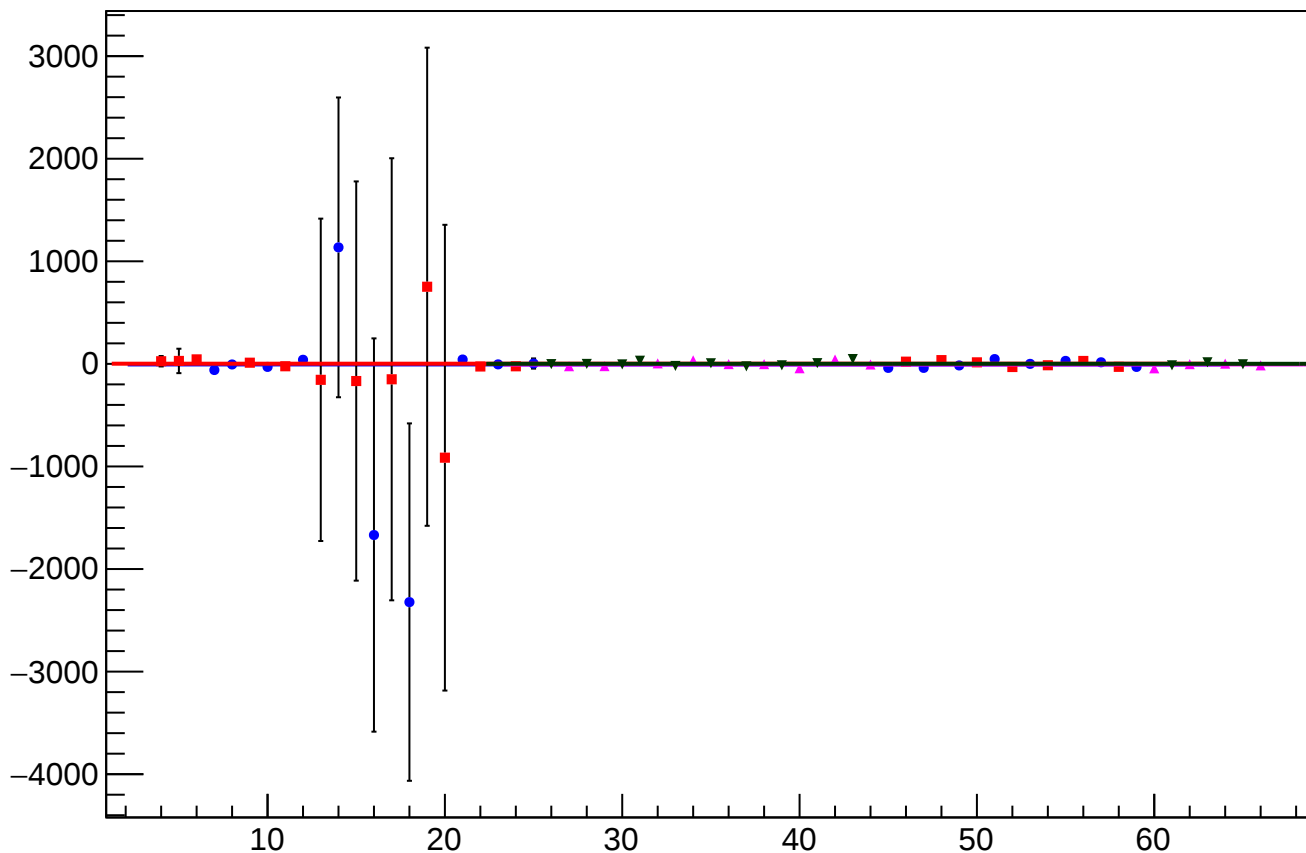
Right Out: 145.299 $\pm$ 0.038 χ^2 /NDF: 5124139.9/18

Left In: 121.261 $\pm$ 0.032 χ^2 /NDF: 509301.6/12

143.002 $\pm$ 0.026 χ^2 /NDF: 5001576.5/30

130.982 $\pm$ 0.024 χ^2 /NDF: 5867019.0/31

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



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

Left Out: 0.716+/-8.013 χ^2 /NDF:5.9/12

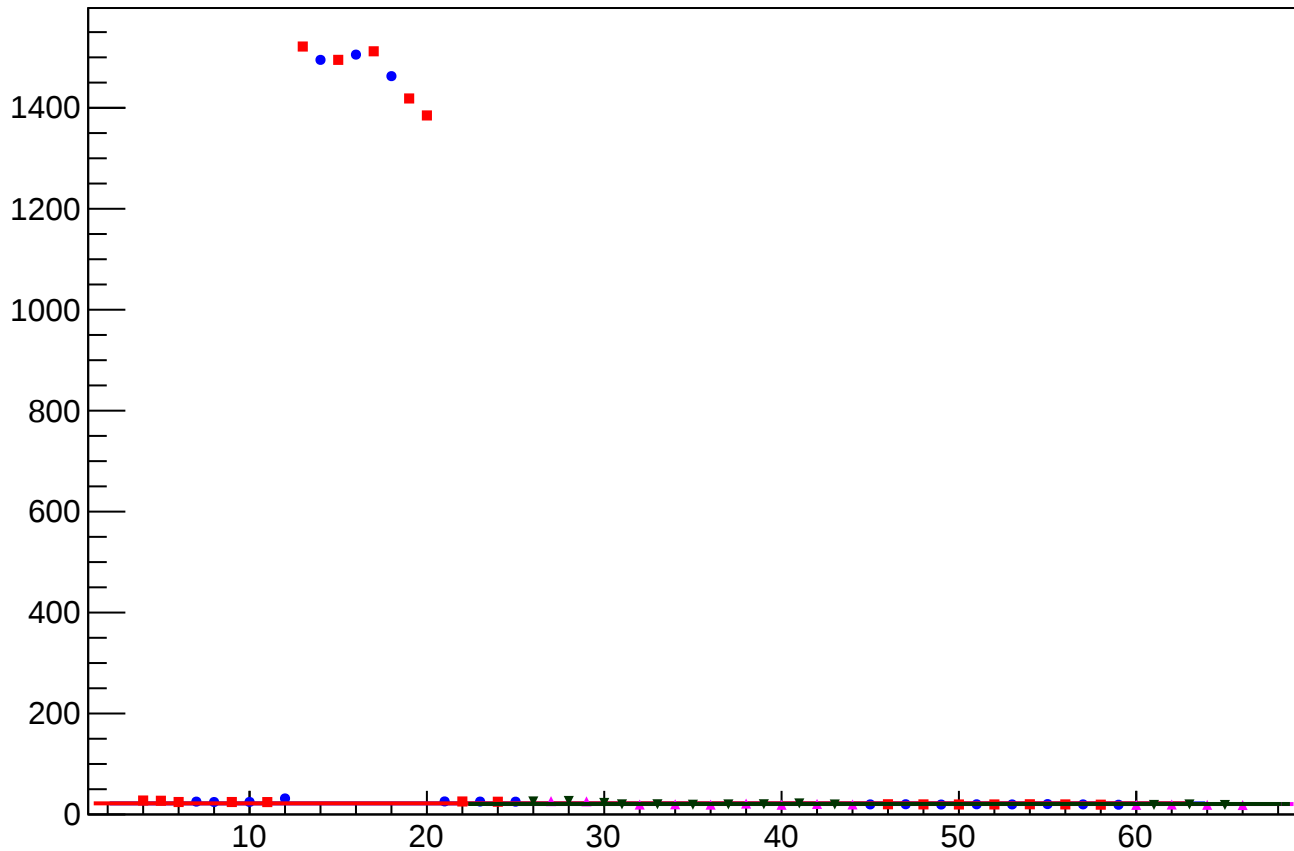
Right Out: 1.722+/-8.261 χ^2 /NDF: 10.4/18

Left In: -5.947+/-7.466 χ^2 /NDF:9.8/12

-2.731+/-5.432 χ^2 /NDF: 24.9/30

-2.499+/-5.539 χ^2 /NDF: 20.7/31

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 20.754 $\pm$ 0.006 χ^2/NDF : 158292.2/12

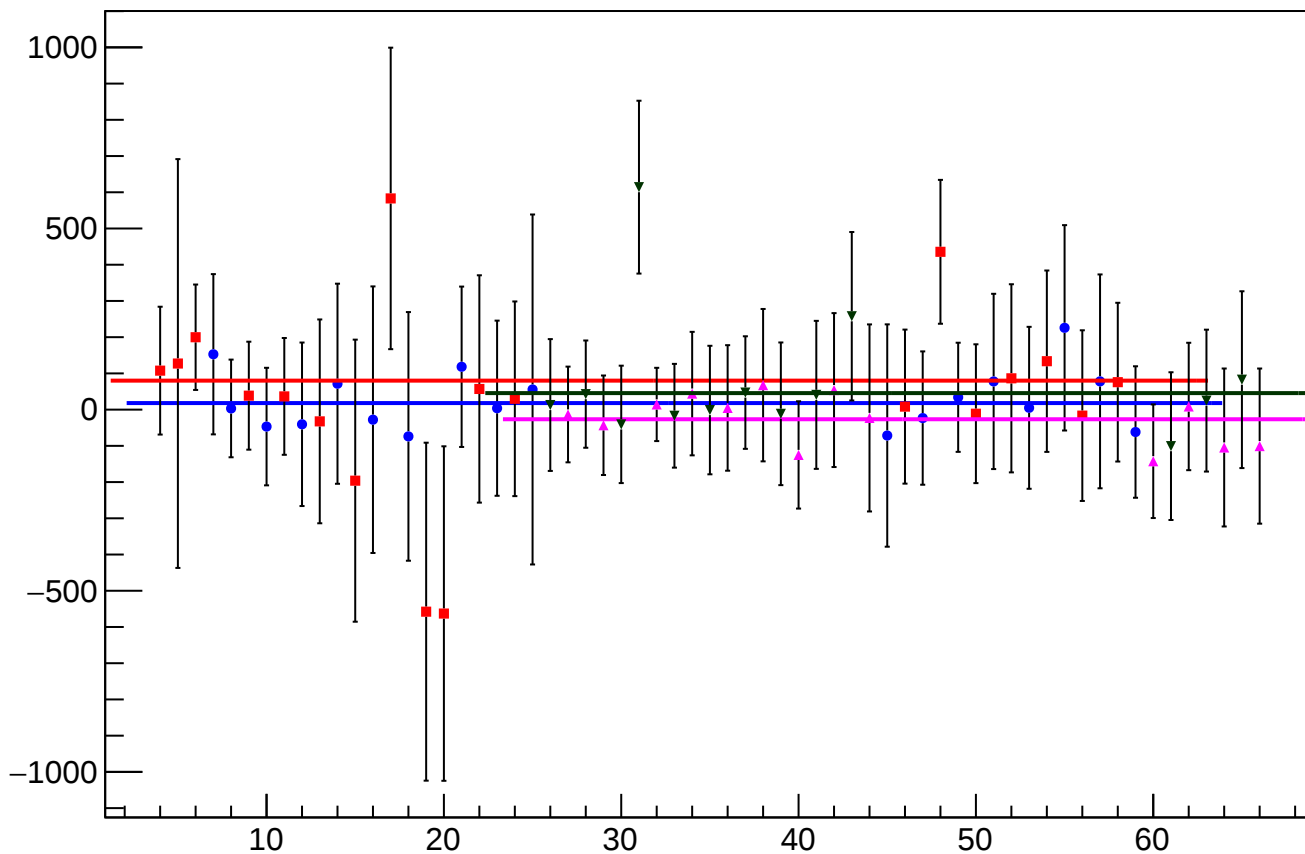
Right Out: 21.987 $\pm$ 0.006 χ^2/NDF : 5559967.3/18

Left In: 20.613 $\pm$ 0.005 χ^2/NDF : 198219.3/12

21.383 $\pm$ 0.004 χ^2/NDF : 5112858.1/30

21.231 $\pm$ 0.004 χ^2/NDF : 5788621.4/31

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: 45.619 $\pm$ 50.726 χ^2 /NDF: 7.7/12

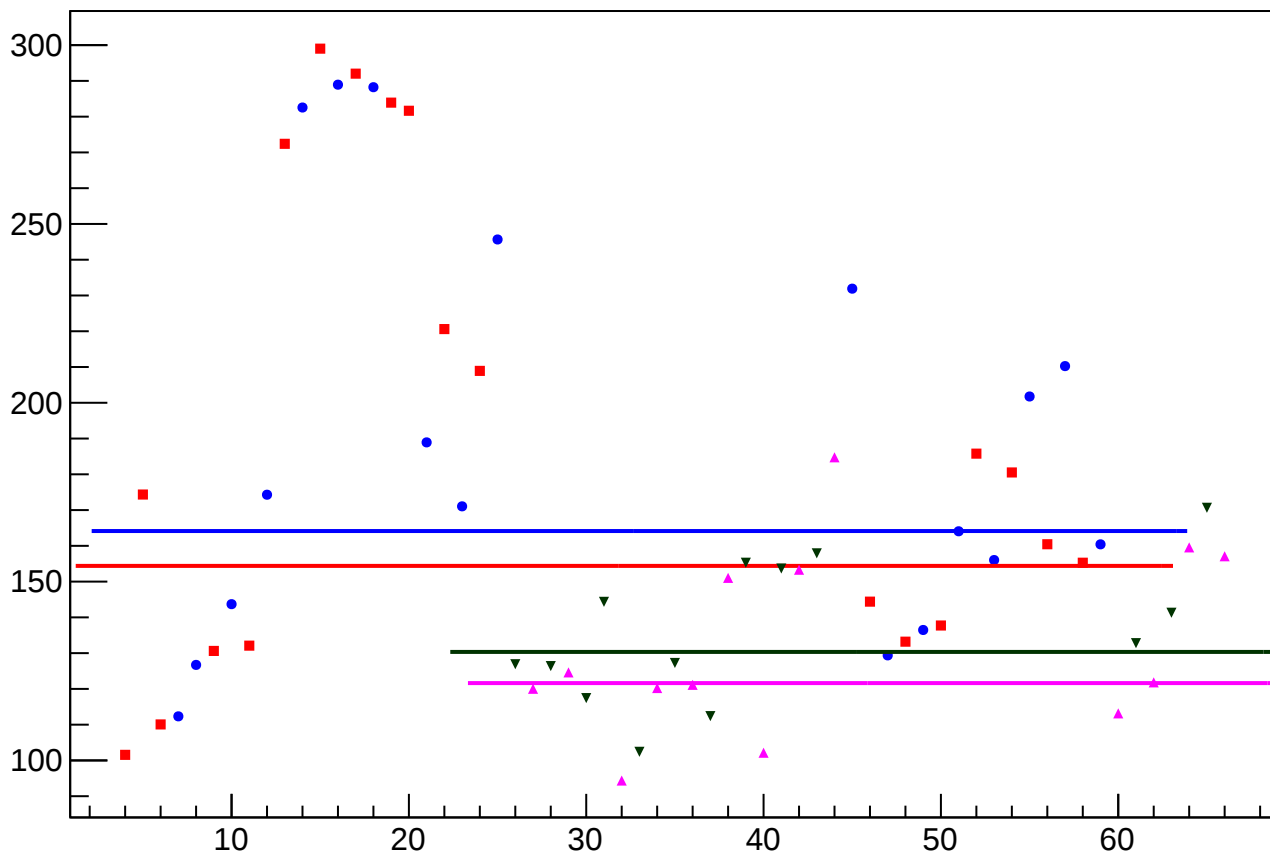
Right Out: 80.043 $\pm$ 52.081 χ^2 /NDF: 10.6/18

Left In: -26.564 $\pm$ 44.854 χ^2 /NDF: 2.0/12

32.026 $\pm$ 36.081 χ^2 /NDF: 9.8/30

18.835 $\pm$ 33.987 χ^2 /NDF: 15.0/31

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: 130.340 $\pm$ 0.036 χ^2 /NDF: 272463.0/12

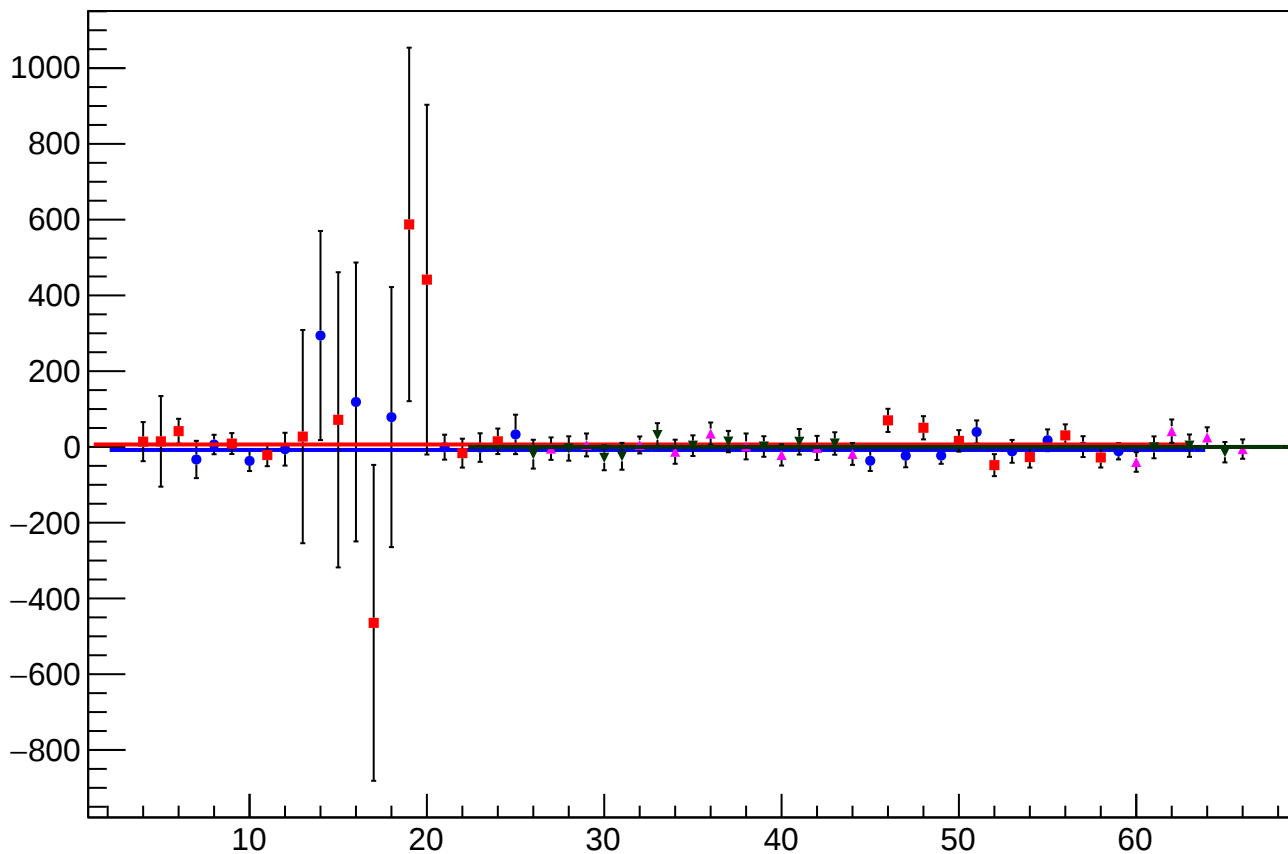
147.039 $\pm$ 0.026 χ^2 /NDF: 2277723.5/30

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

135.580 $\pm$ 0.024 χ^2 /NDF: 2835883.7/31

Left In: 121.624 $\pm$ 0.032 χ^2 /NDF: 505678.6/12

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.981 $\pm$ 7.603 χ^2 /NDF: 9.0/17

Left Out: -0.126 $\pm$ 8.427 χ^2 /NDF: 3.3/12

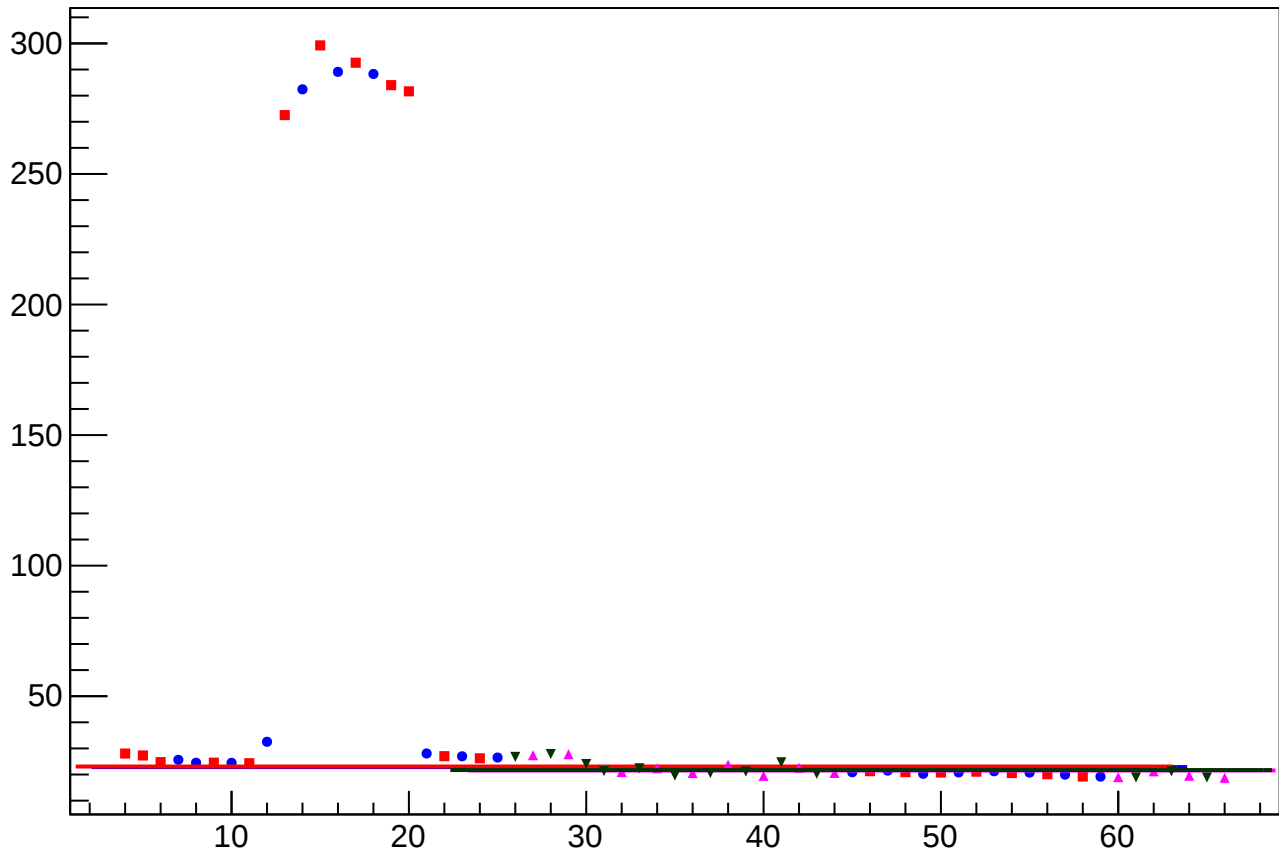
Right Out: 6.463 $\pm$ 8.479 χ^2 /NDF: 20.1/18

Left In: -0.014 $\pm$ 7.859 χ^2 /NDF: 7.8/12

-4.456 $\pm$ 5.645 χ^2 /NDF: 12.8/30

2.979 $\pm$ 5.764 χ^2 /NDF: 28.2/31

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 22.854 $\pm$ 0.005 χ^2/NDF : 4363507.8/17

Left Out: 21.711 $\pm$ 0.006 χ^2/NDF : 196687.9/12

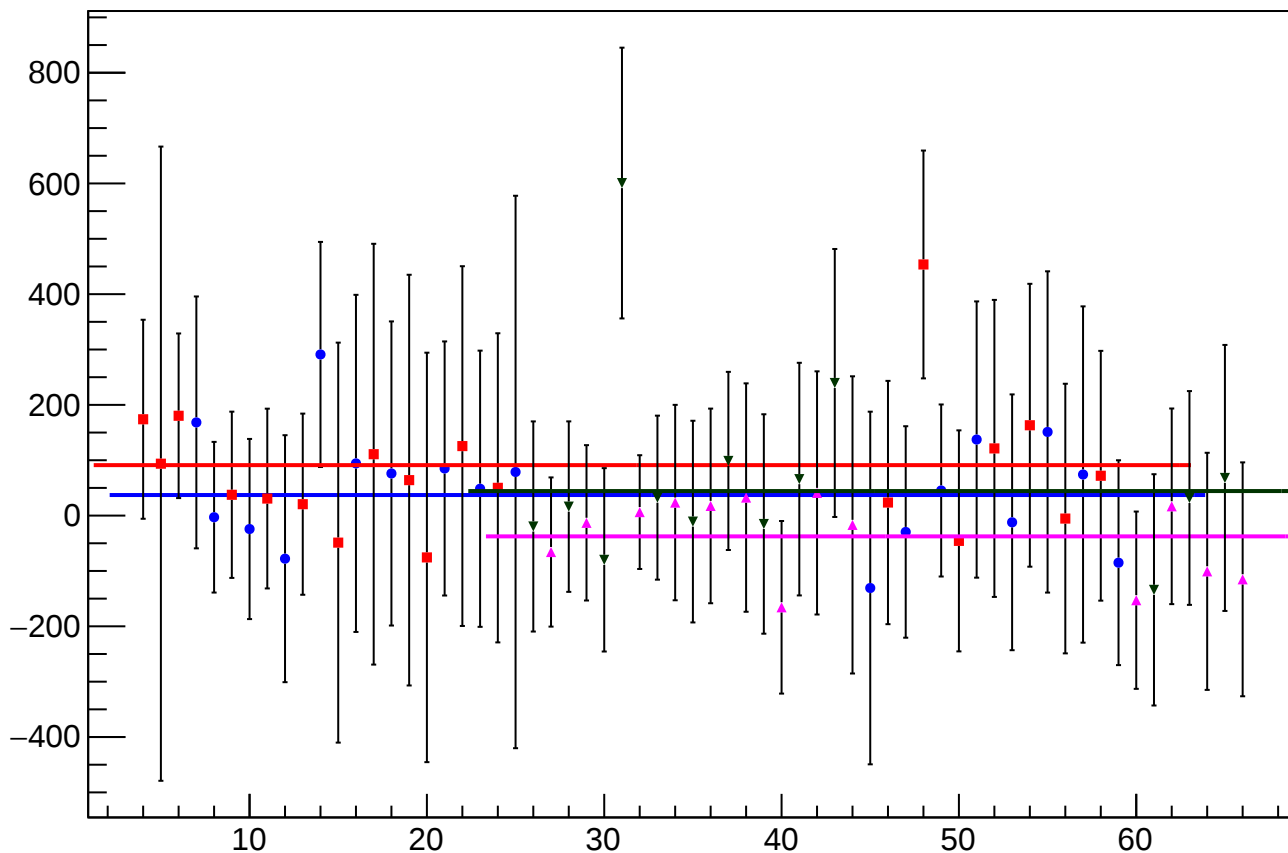
22.341 $\pm$ 0.004 χ^2/NDF : 4580494.2/30

Right Out: 23.069 $\pm$ 0.006 χ^2/NDF : 4856723.7/18

22.252 $\pm$ 0.004 χ^2/NDF : 5137491.5/31

Left In: 21.551 $\pm$ 0.006 χ^2/NDF : 246288.5/12

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: 44.328+/-52.010 χ^2/NDF : 7.6/12

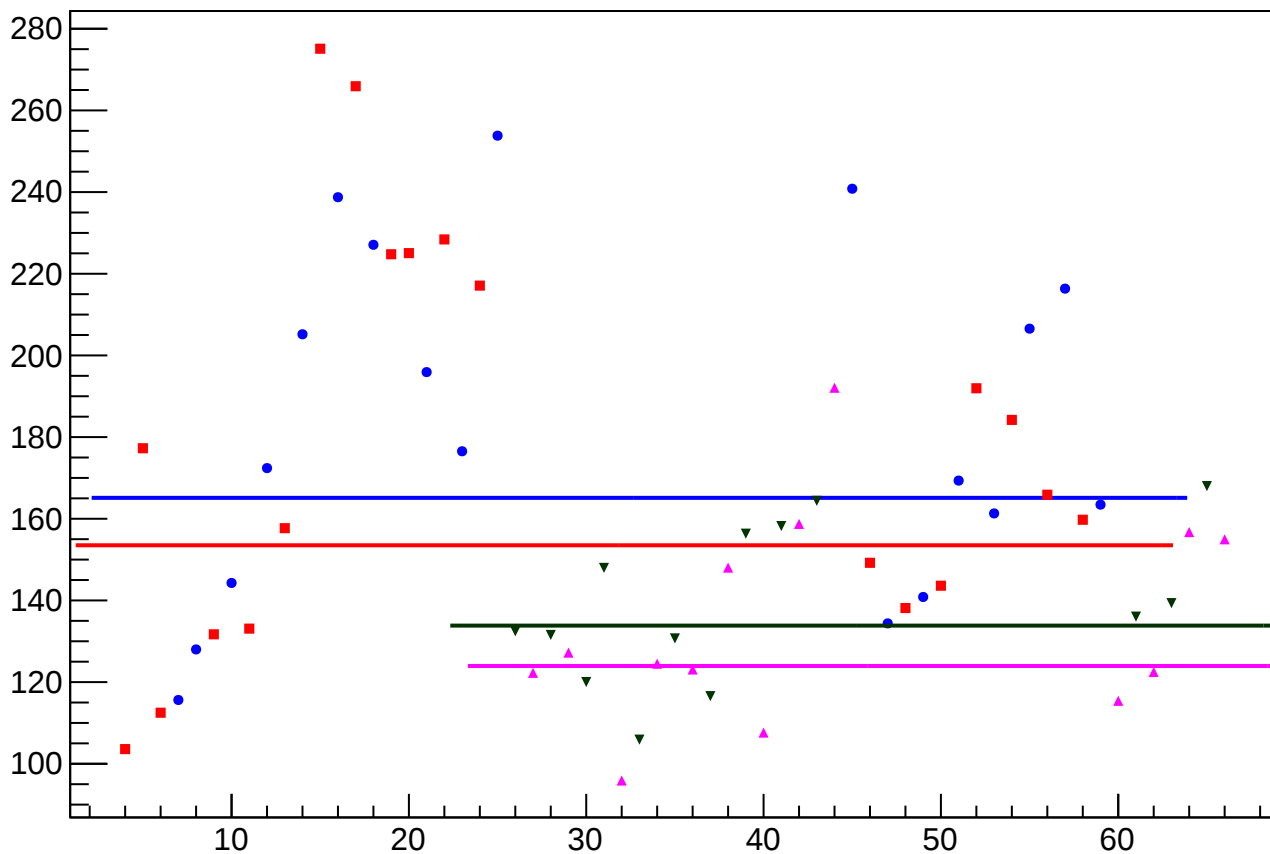
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -37.537+/-45.666 χ^2/NDF : 2.2/12

40.673+/-36.428 χ^2/NDF : 11.3/30

19.813+/-34.001 χ^2/NDF : 11.1/31

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: 133.837 ± 0.037 χ^2/NDF : 242773.3/12

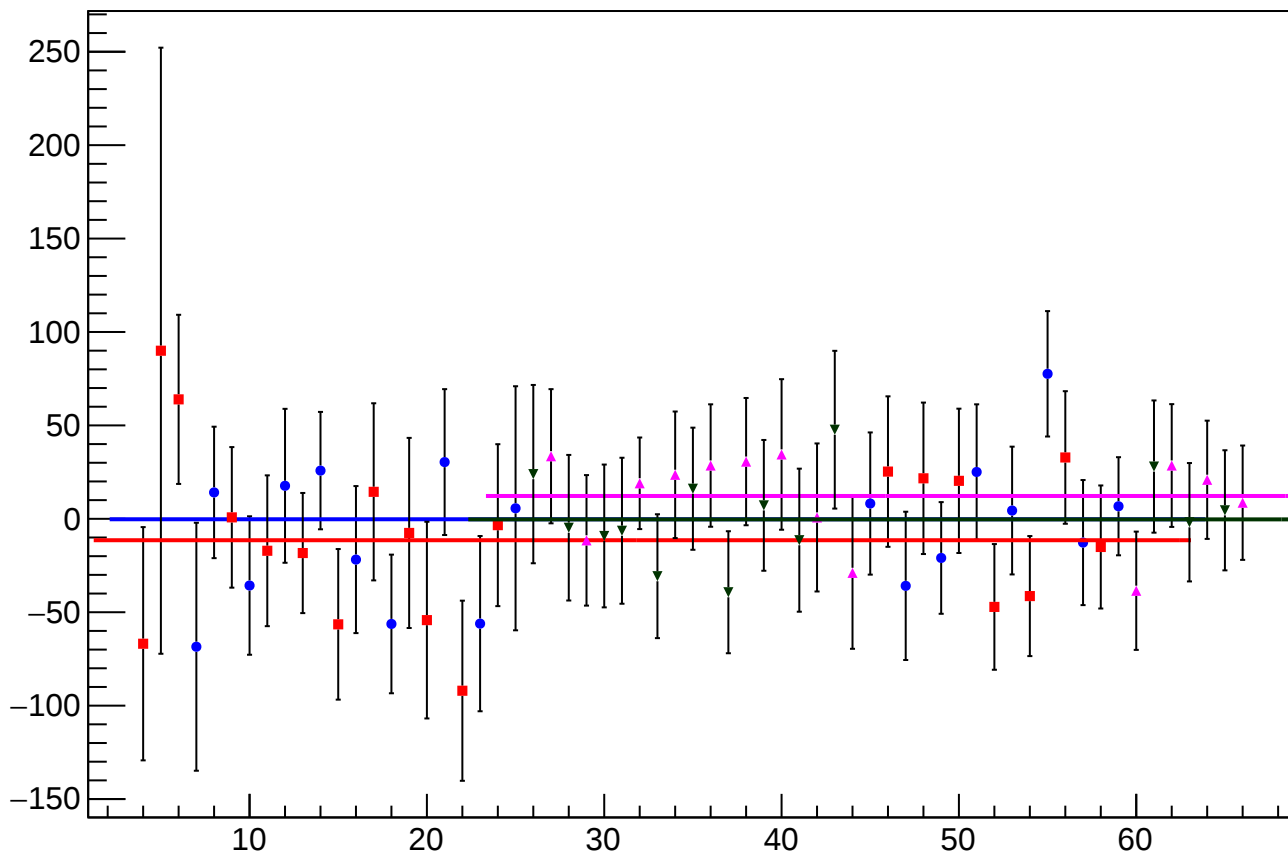
Right Out: 153.509 ± 0.036 χ^2/NDF : 1238601.8/18

Left In: 123.951 ± 0.032 χ^2/NDF : 474529.5/12

149.776 ± 0.026 χ^2/NDF : 1602155.5/30

137.123 ± 0.024 χ^2/NDF : 2086526.3/31

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: -0.304 ± 9.978 $\chi^2/\text{NDF}: 5.0/12$

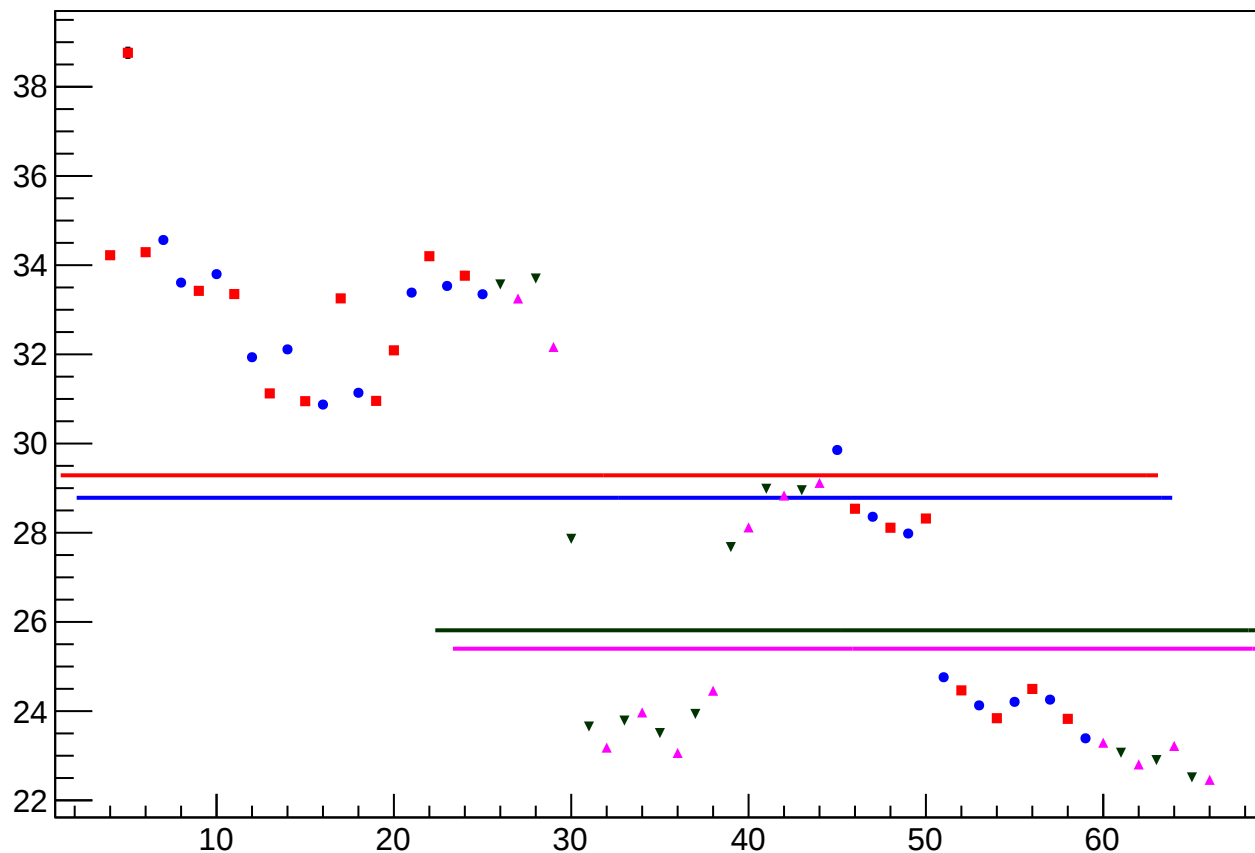
Right Out: -11.462 ± 9.405 $\chi^2/\text{NDF}: 14.9/18$

Left In: 12.224 ± 9.216 $\chi^2/\text{NDF}: 5.9/12$

-0.267 ± 6.534 $\chi^2/\text{NDF}: 20.0/30$

0.622 ± 6.582 $\chi^2/\text{NDF}: 24.0/31$

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: 25.813 $\pm$ 0.007 χ^2 /NDF: 251122.3/12

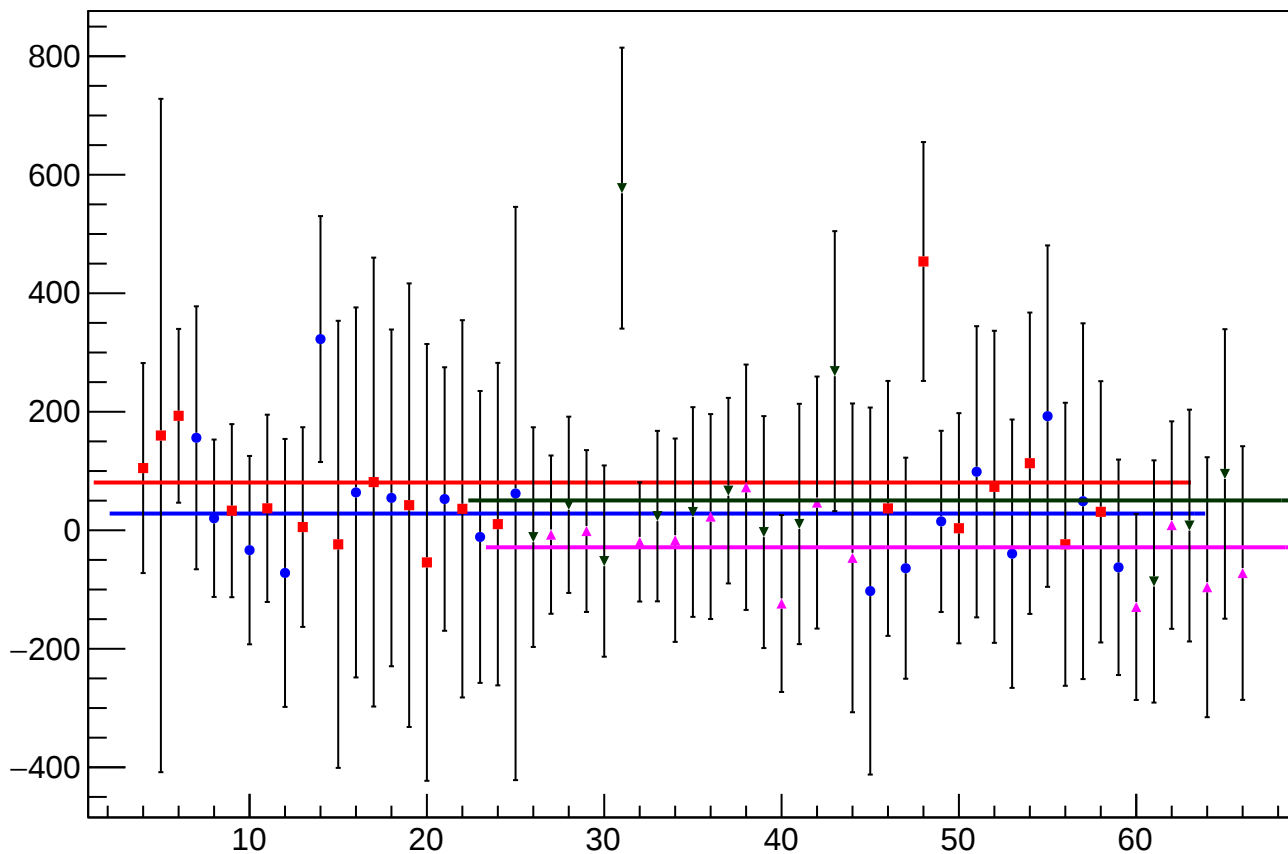
Right Out: 29.288 $\pm$ 0.007 χ^2 /NDF: 355757.4/18

Left In: 25.400 $\pm$ 0.007 χ^2 /NDF: 292521.9/12

27.510 $\pm$ 0.005 χ^2 /NDF: 770915.2/30

27.304 $\pm$ 0.005 χ^2 /NDF: 822647.8/31

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



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

Left Out: 50.375+/-50.853 χ^2/NDF : 7.0/12

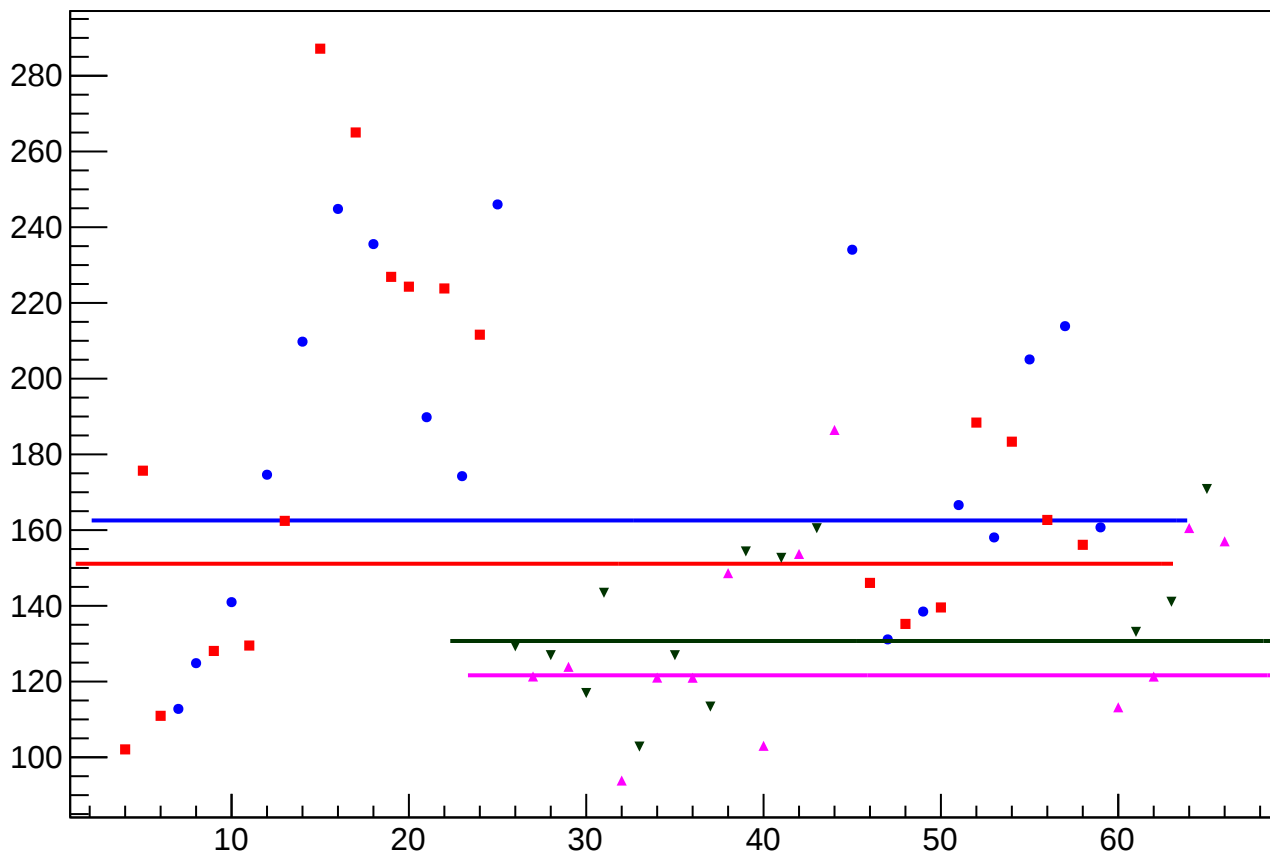
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -28.715+/-44.866 χ^2/NDF : 1.5/12

39.191+/-35.780 χ^2/NDF : 11.0/30

19.789+/-33.465 χ^2/NDF : 9.4/31

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 130.713 $\pm$ 0.036 χ^2 /NDF: 266486.8/12

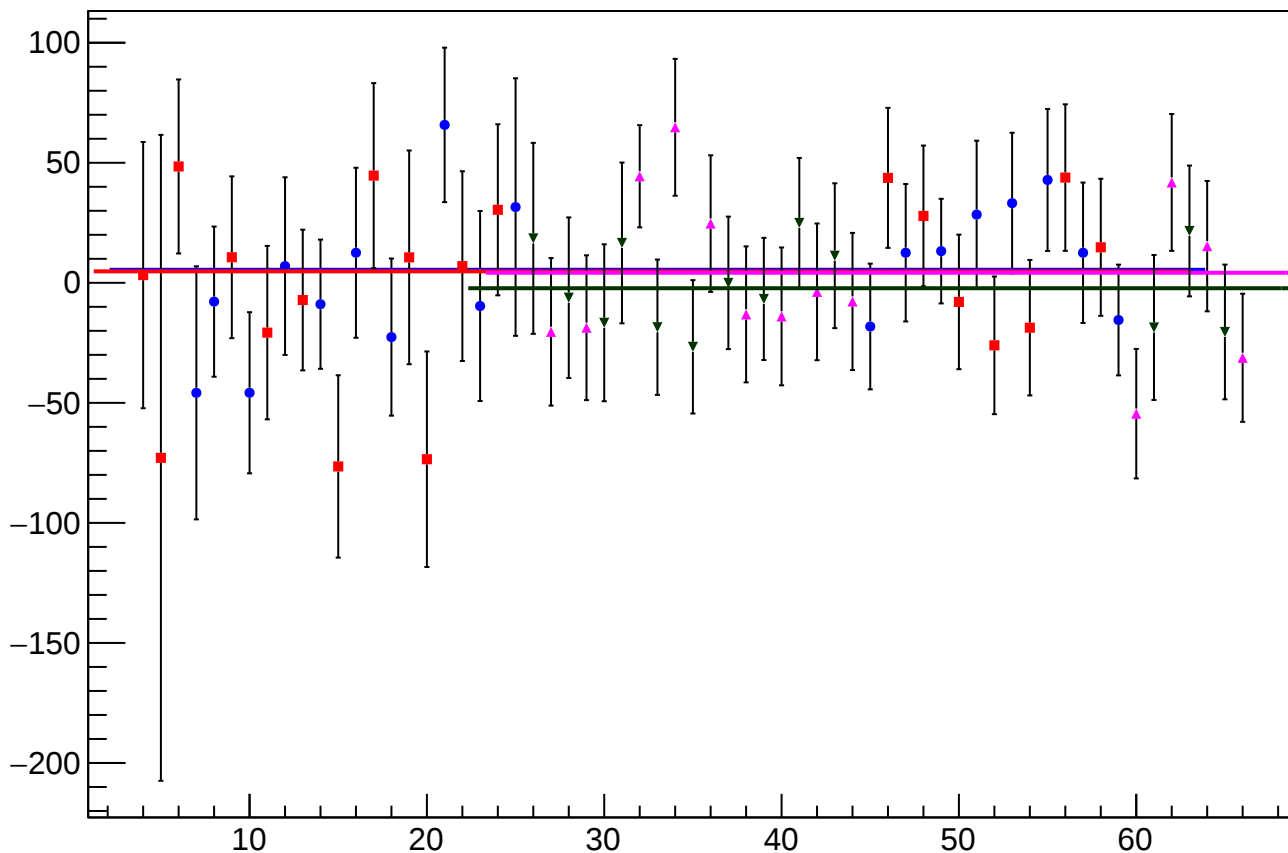
146.788 $\pm$ 0.025 χ^2 /NDF: 1751568.3/30

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

134.723 $\pm$ 0.024 χ^2 /NDF: 2200046.1/31

Left In: 121.650 $\pm$ 0.032 χ^2 /NDF: 510840.1/12

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -2.255 ± 8.179 $\chi^2/\text{NDF}: 4.6/12$

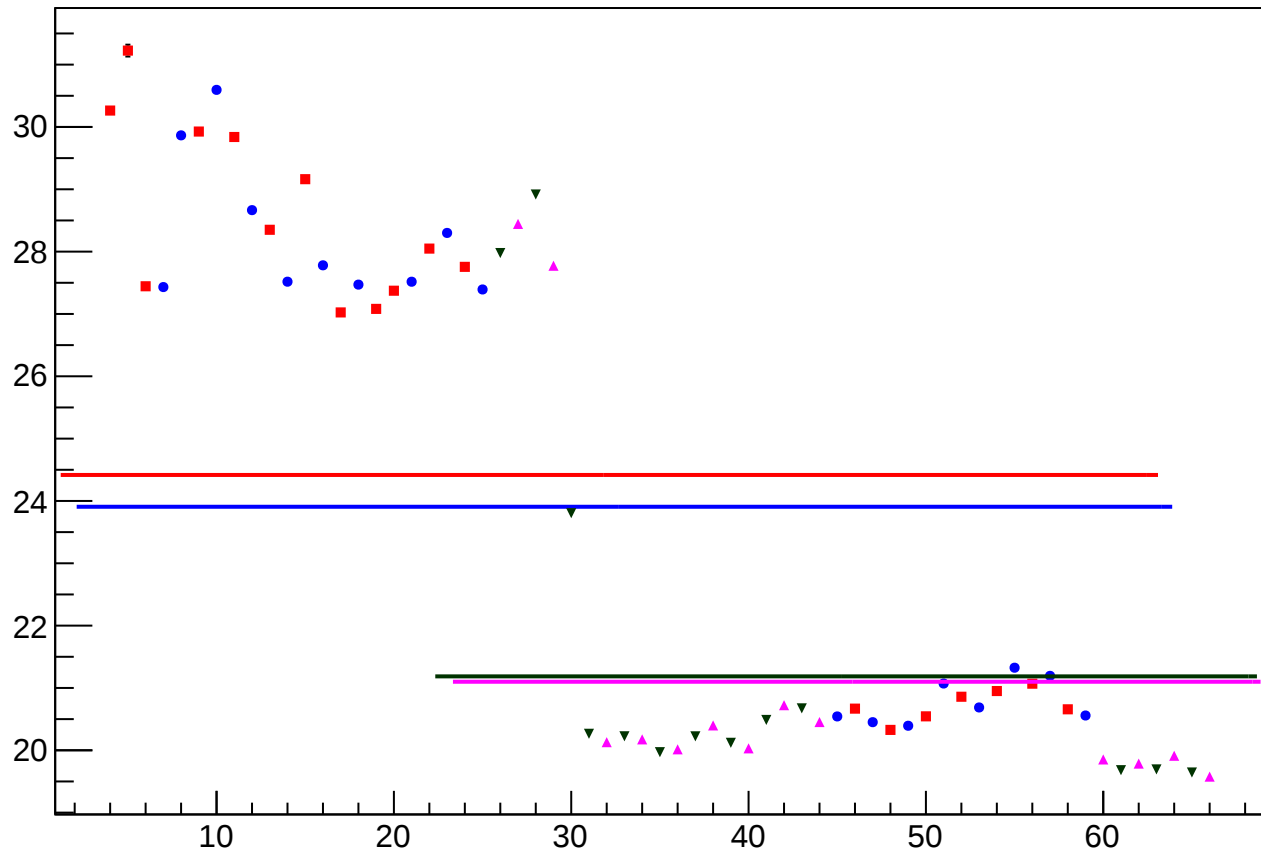
Right Out: 4.784 ± 7.872 $\chi^2/\text{NDF}: 17.9/18$

Left In: 4.199 ± 7.643 $\chi^2/\text{NDF}: 19.3/12$

2.071 ± 5.406 $\chi^2/\text{NDF}: 18.5/30$

4.483 ± 5.484 $\chi^2/\text{NDF}: 37.2/31$

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: 21.186 $\pm$ 0.006 χ^2 /NDF:210604.4/12

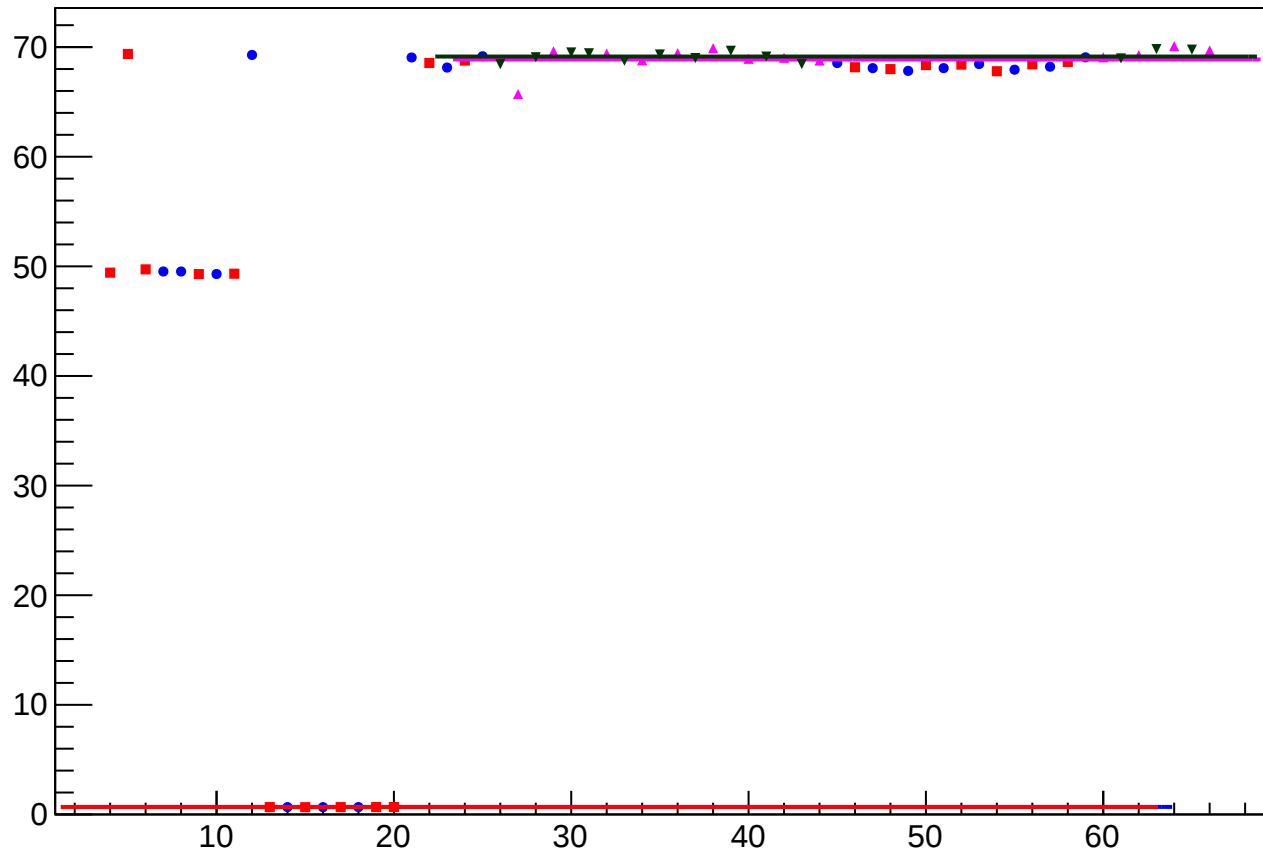
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 21.100 $\pm$ 0.005 χ^2 /NDF:245665.7/12

22.718 $\pm$ 0.004 χ^2 /NDF: 901153.4/30

22.709 $\pm$ 0.004 χ^2 /NDF: 924979.4/31

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.140 $\pm$ 0.000 χ^2 /NDF: 32200916.5/12

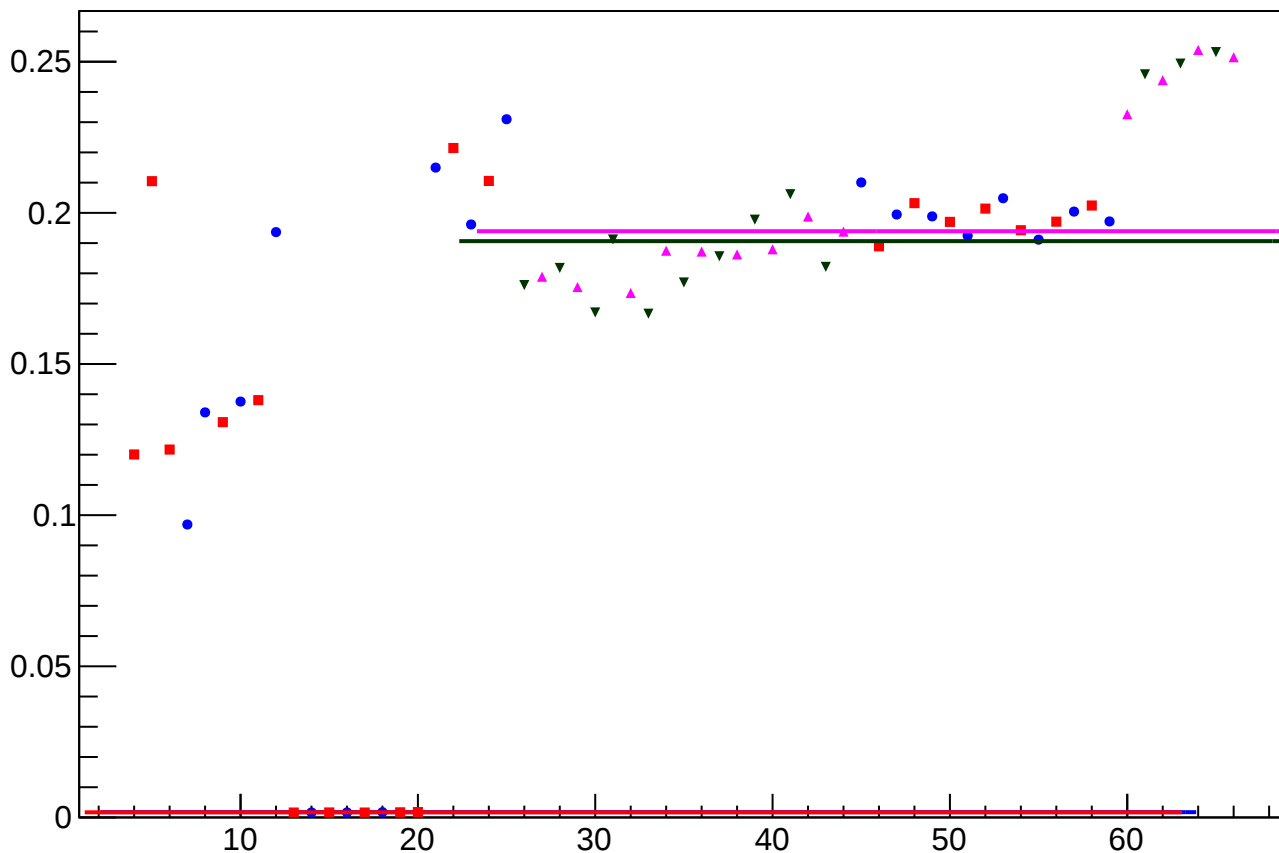
0.703 $\pm$ 0.000 χ^2 /NDF: 1874212648956.7/30

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

0.697 $\pm$ 0.000 χ^2 /NDF: 1759976788039.0/31

Left In: 68.876 $\pm$ 0.000 χ^2 /NDF: 317206457.6/12

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.191+/-0.000 χ^2/NDF :226054.0/12

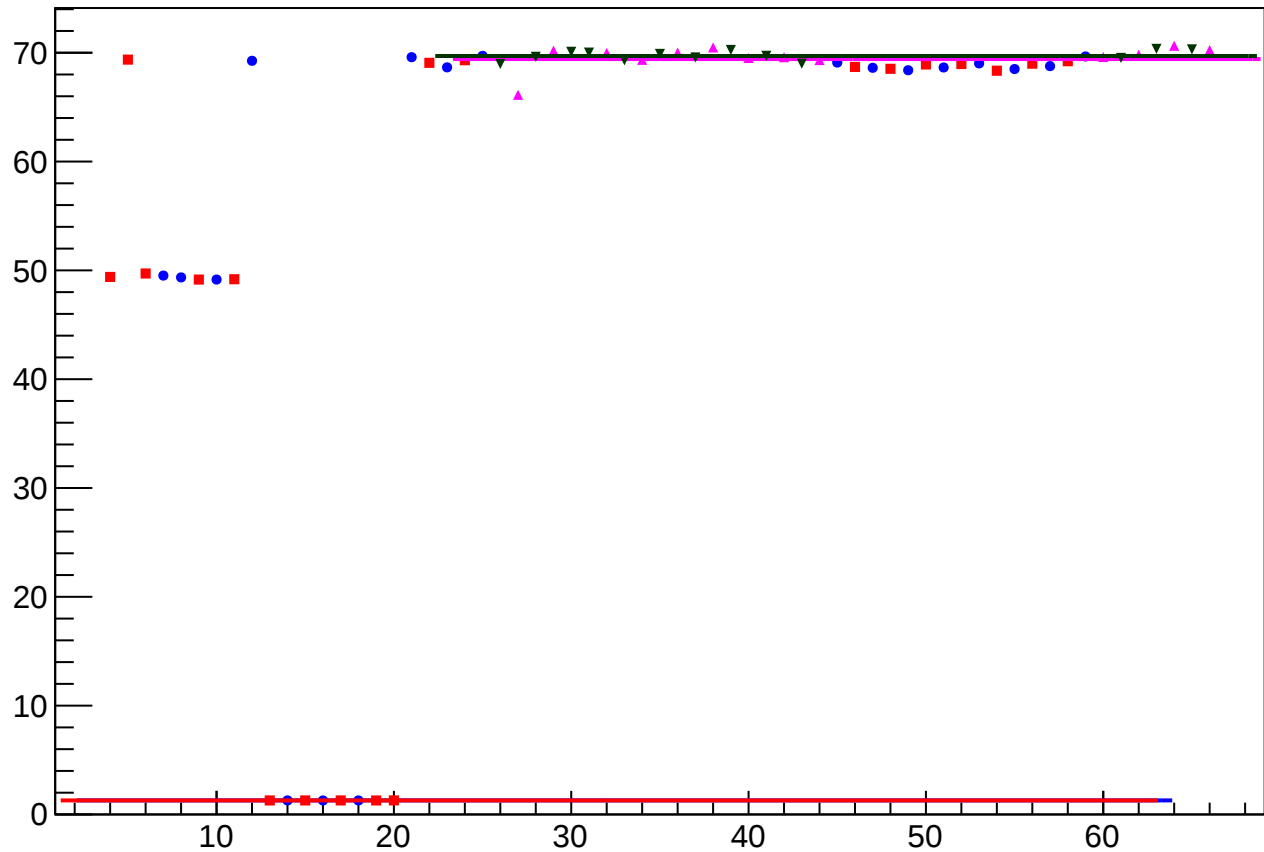
0.002+/-0.000 χ^2/NDF : 29874733.0/30

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

0.002+/-0.000 χ^2/NDF : 28277758.1/31

Left In: 0.194+/-0.000 χ^2/NDF :244182.1/12

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.698+/-0.000 χ^2/NDF : 32390510.9/12

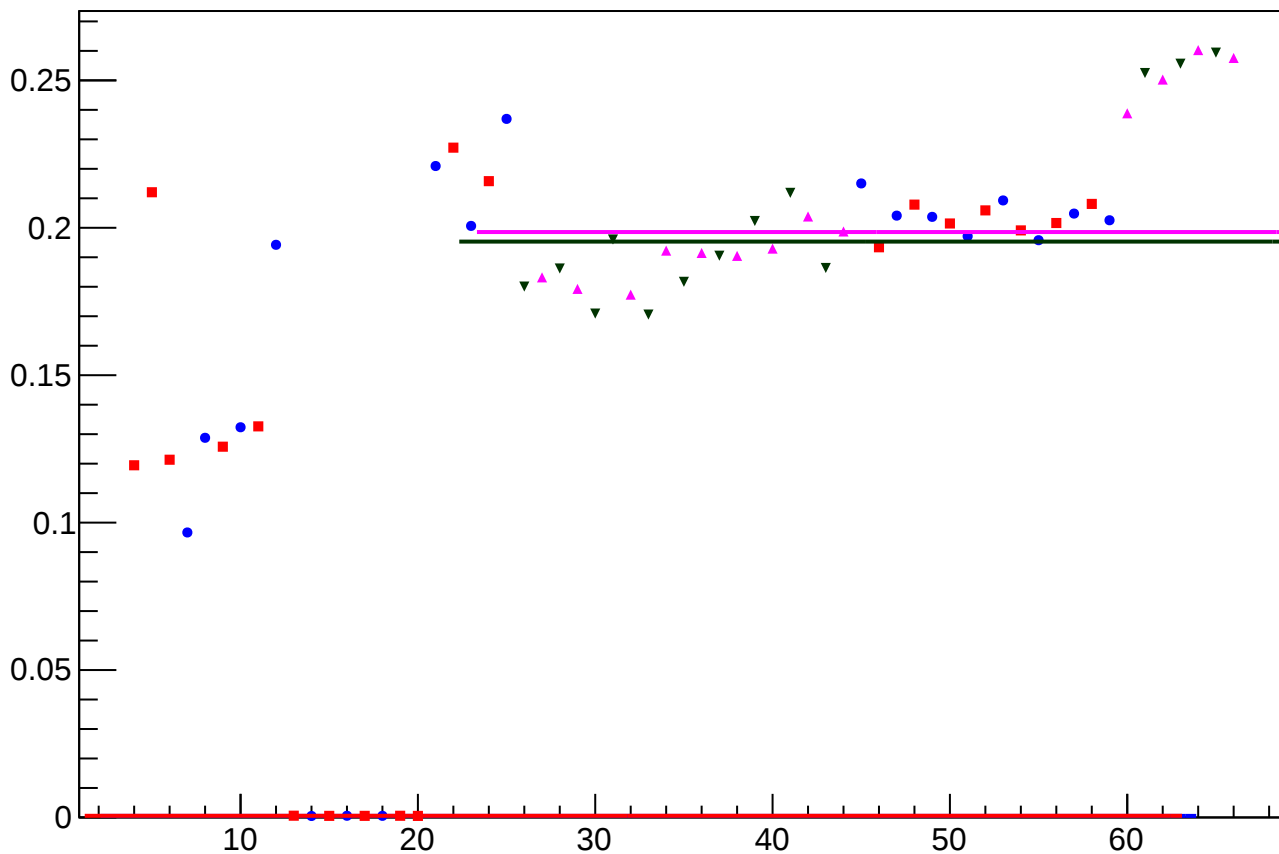
Right Out: 1.290+/-0.000 χ^2/NDF : 826763948171.6/18

Left In: 69.420+/-0.000 χ^2/NDF : 326335421.2/12

1.292+/-0.000 χ^2/NDF : 1806562159714.7/30

1.292+/-0.000 χ^2/NDF : 1697025908582.7/31

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.195+/-0.000 χ^2/NDF :228239.8/12

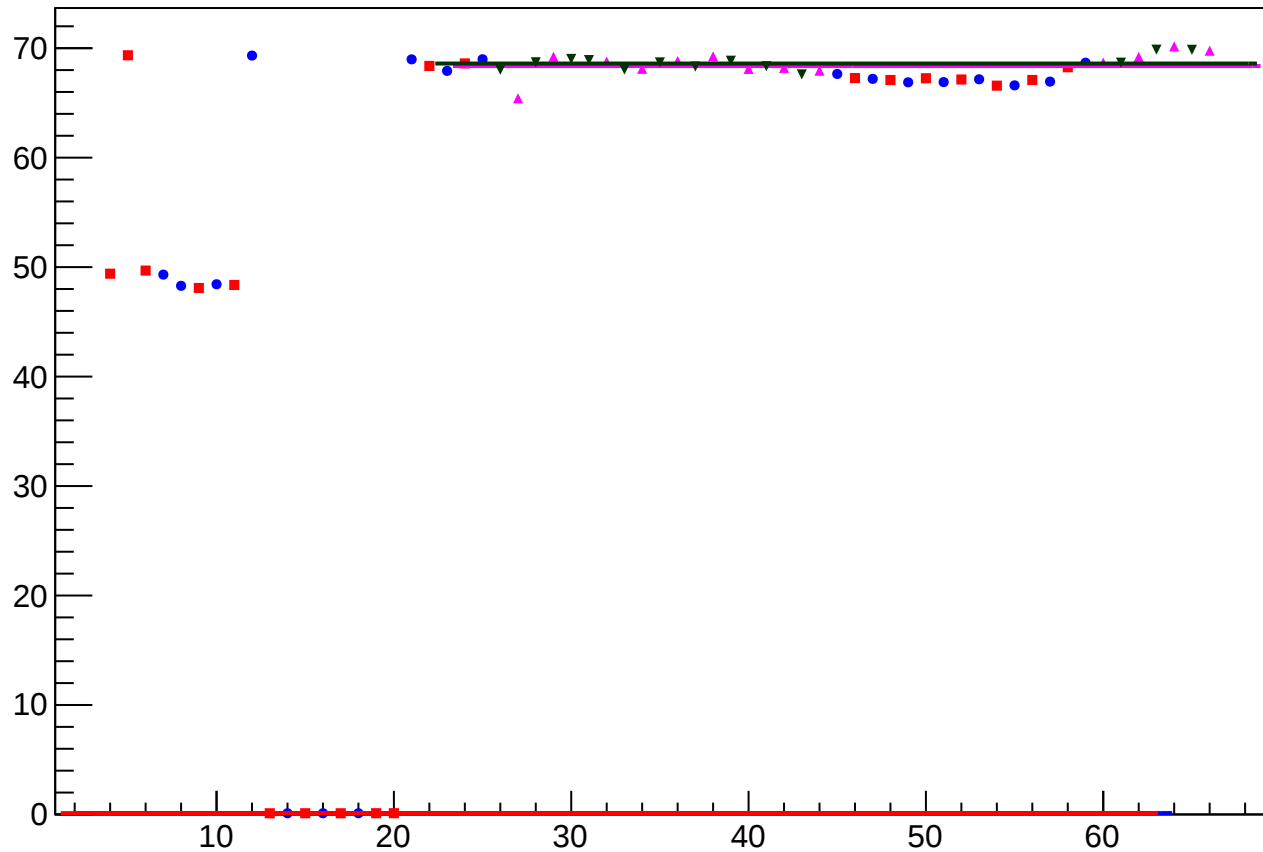
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

Left In: 0.199+/-0.000 χ^2/NDF :247850.0/12

0.001+/-0.000 χ^2/NDF : 30286440.3/30

0.001+/-0.000 χ^2/NDF : 28638268.7/31

yield_bcm_an_us_mean vs slug



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

Left Out: 68.598+/-0.000 χ^2/NDF : 57311245.6/12

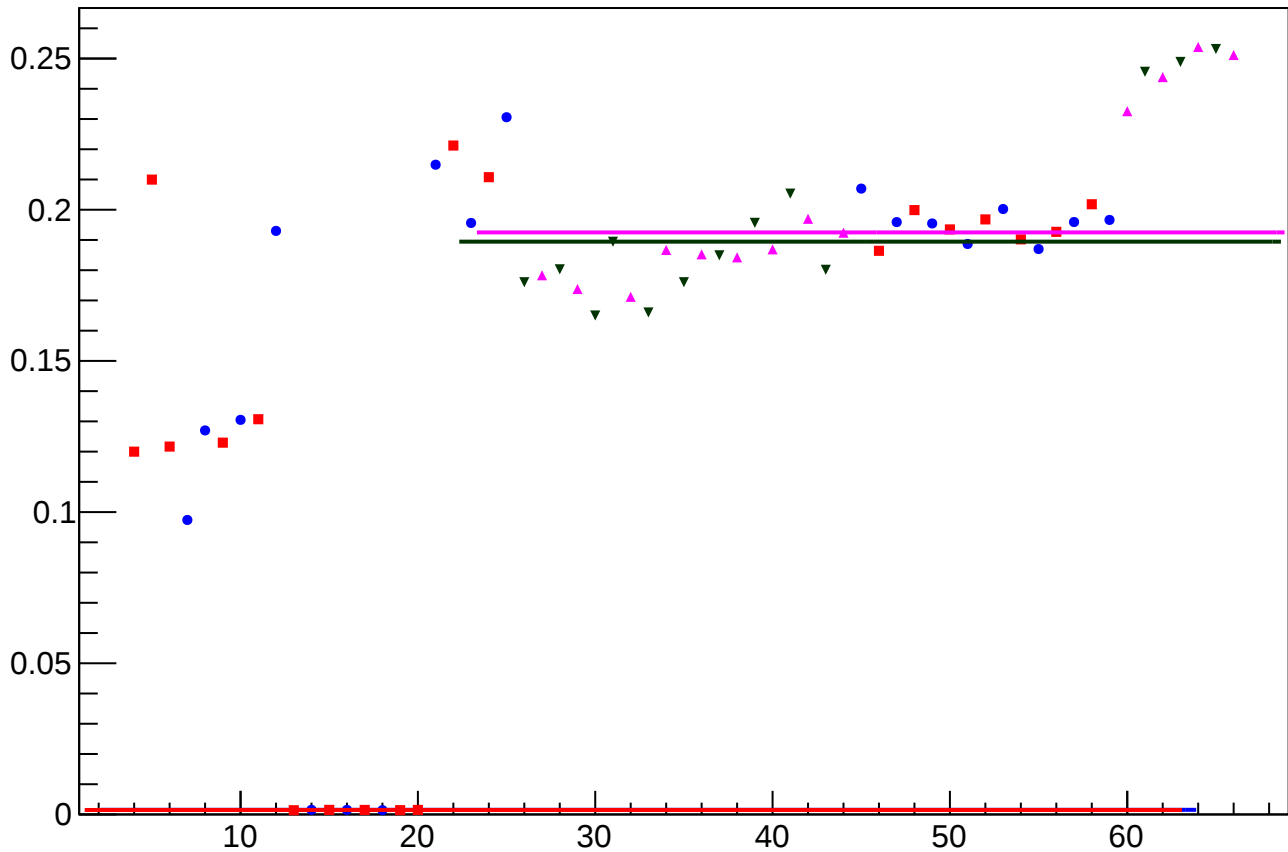
Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

Left In: 68.370+/-0.000 χ^2/NDF : 316150194.7/12

0.138+/-0.000 χ^2/NDF : 1917071596507.5/30

0.132+/-0.000 χ^2/NDF : 1804734294592.8/31

yield_bcm_an_us_rms vs slug



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

Left Out: 0.189 $\pm$ 0.000 χ^2 /NDF:232171.9/12

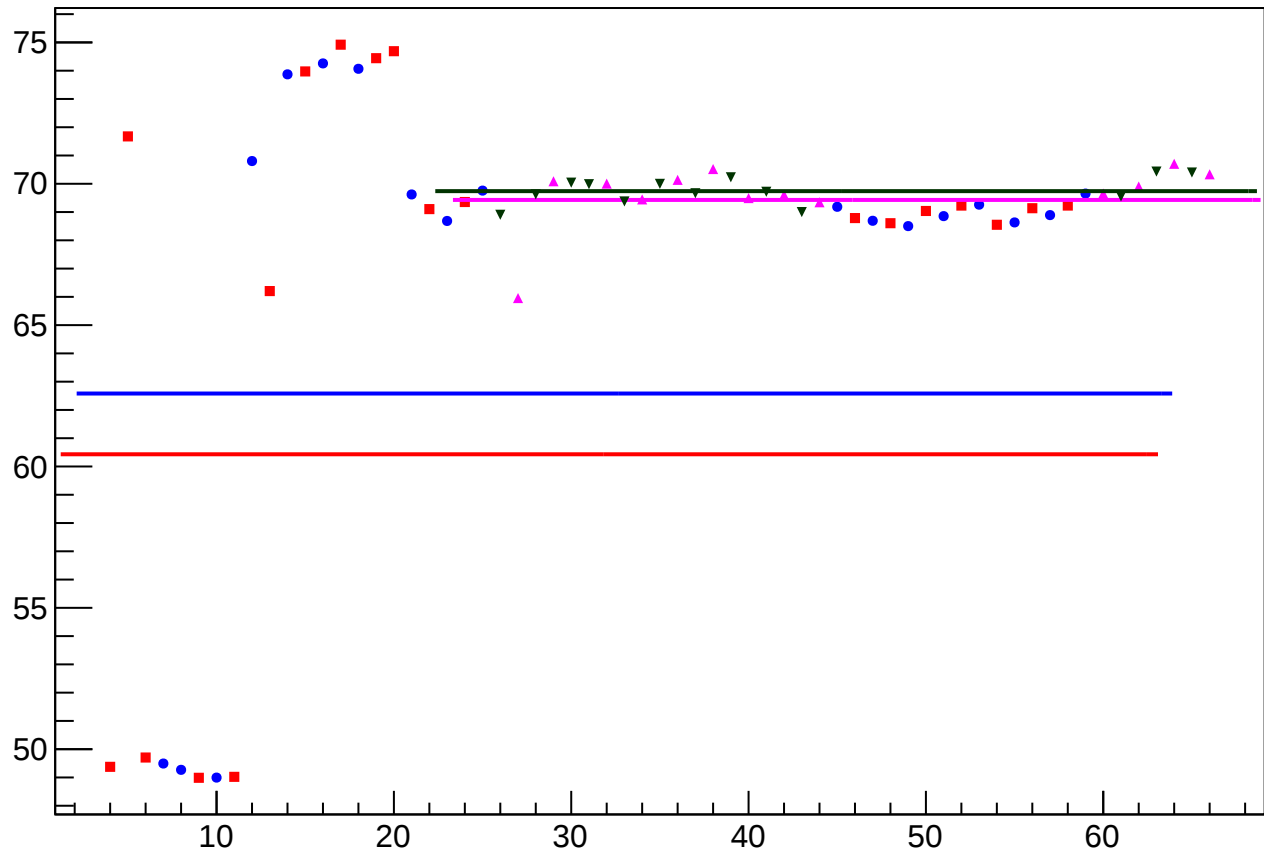
0.002 $\pm$ 0.000 χ^2 /NDF: 29909900.4/30

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

0.002 $\pm$ 0.000 χ^2 /NDF: 28330638.0/31

Left In: 0.192 $\pm$ 0.000 χ^2 /NDF:256227.7/12

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.740+/-0.000 χ^2/NDF : 32790521.6/12

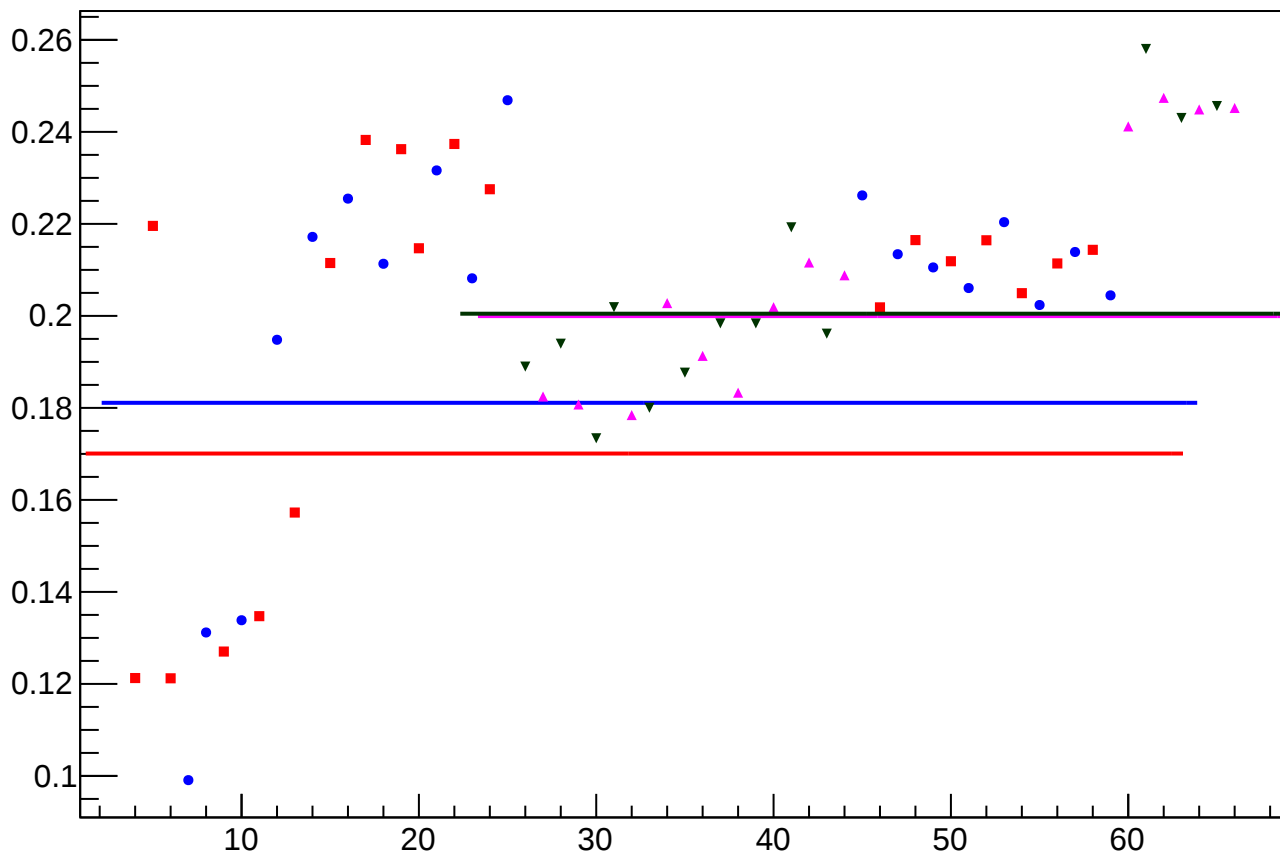
65.022+/-0.000 χ^2/NDF : 39200148238.0/30

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

63.819+/-0.000 χ^2/NDF : 42675537021.3/31

Left In: 69.429+/-0.000 χ^2/NDF : 362376565.1/12

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.200+/-0.000 χ^2/NDF : 162658.7/12

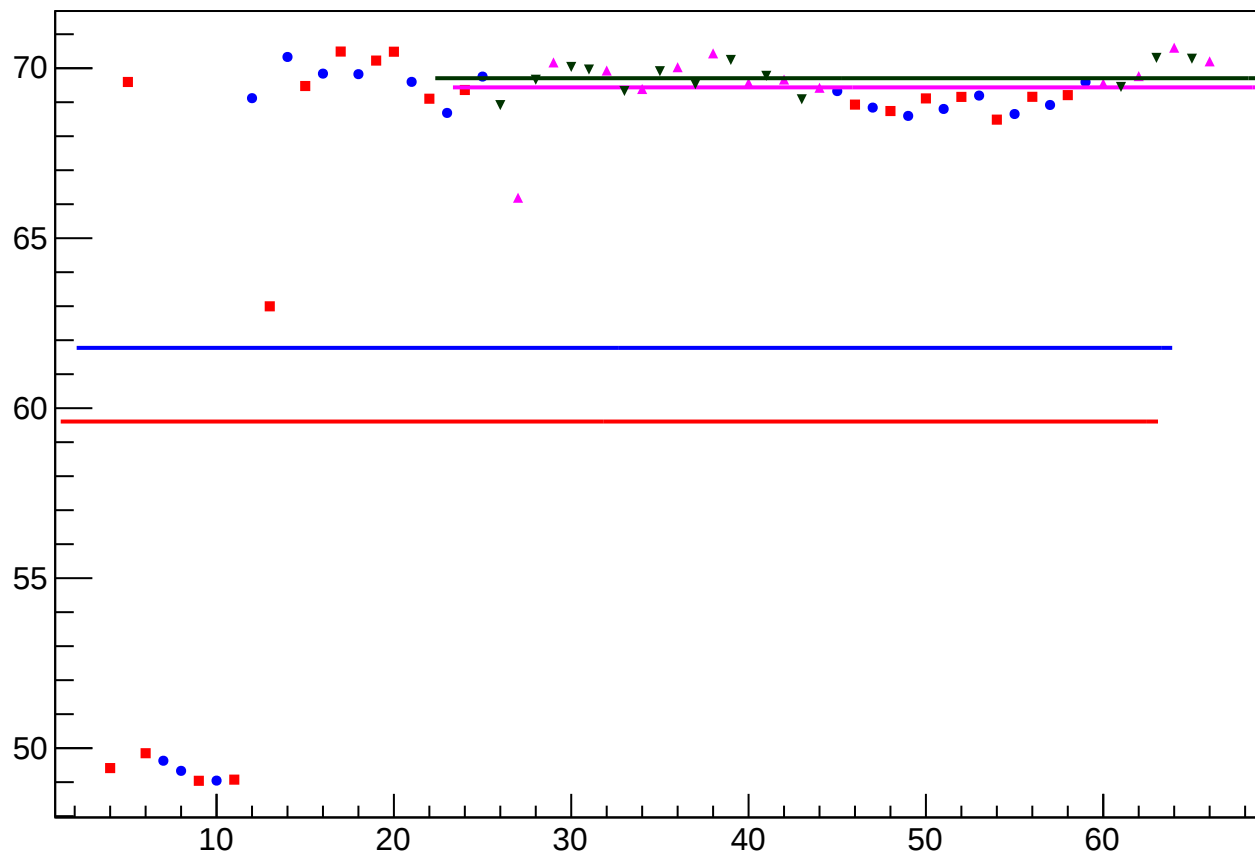
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.200+/-0.000 χ^2/NDF : 212099.6/12

0.188+/-0.000 χ^2/NDF : 1459191.1/30

0.181+/-0.000 χ^2/NDF : 1601541.9/31

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.706 $\pm$ 0.000 χ^2 /NDF: 30090635.2/12

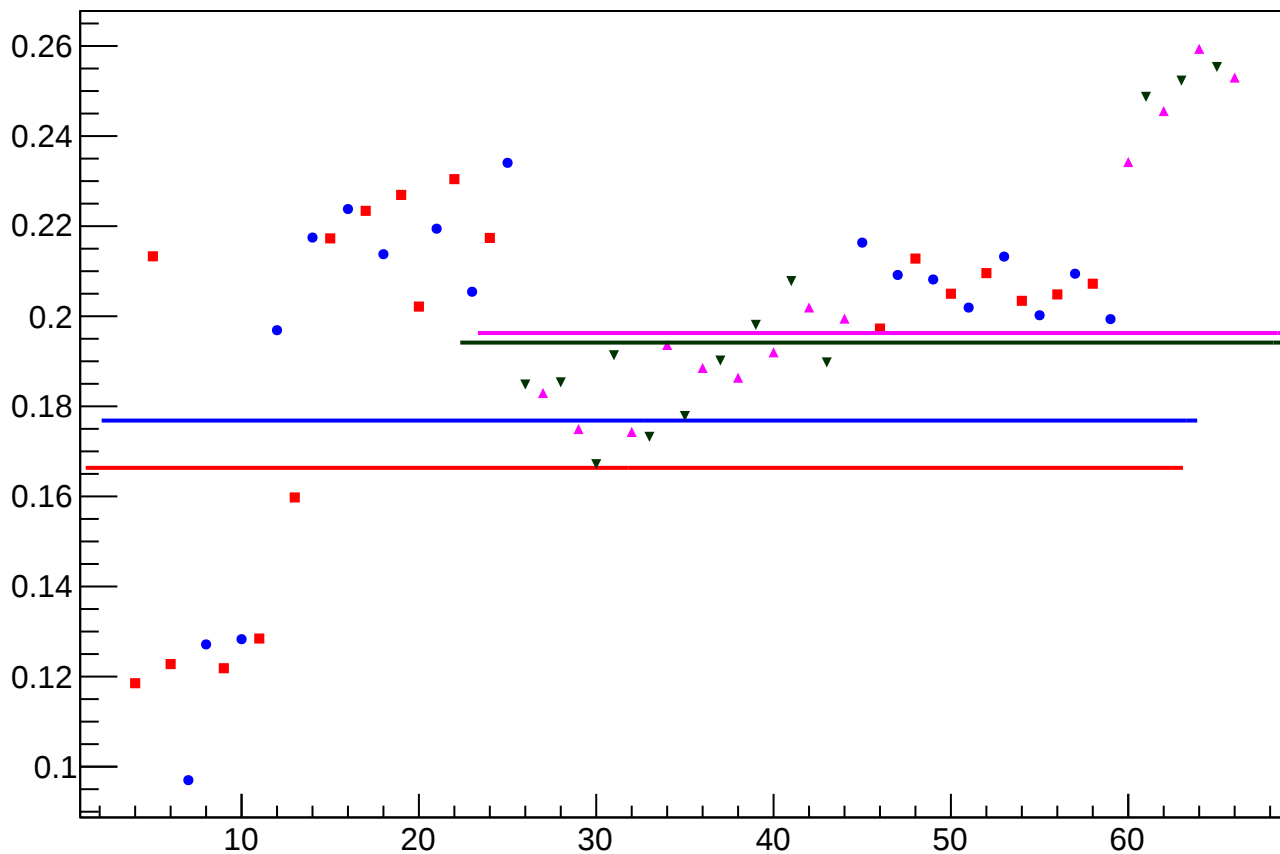
Right Out: 59.608 $\pm$ 0.000 χ^2 /NDF: 29547406430.8/18

Left In: 69.437 $\pm$ 0.000 χ^2 /NDF: 314162970.5/12

64.506 $\pm$ 0.000 χ^2 /NDF: 38119265937.8/30

63.287 $\pm$ 0.000 χ^2 /NDF: 41450933292.6/31

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.194+/-0.000 χ^2/NDF : 212591.8/12

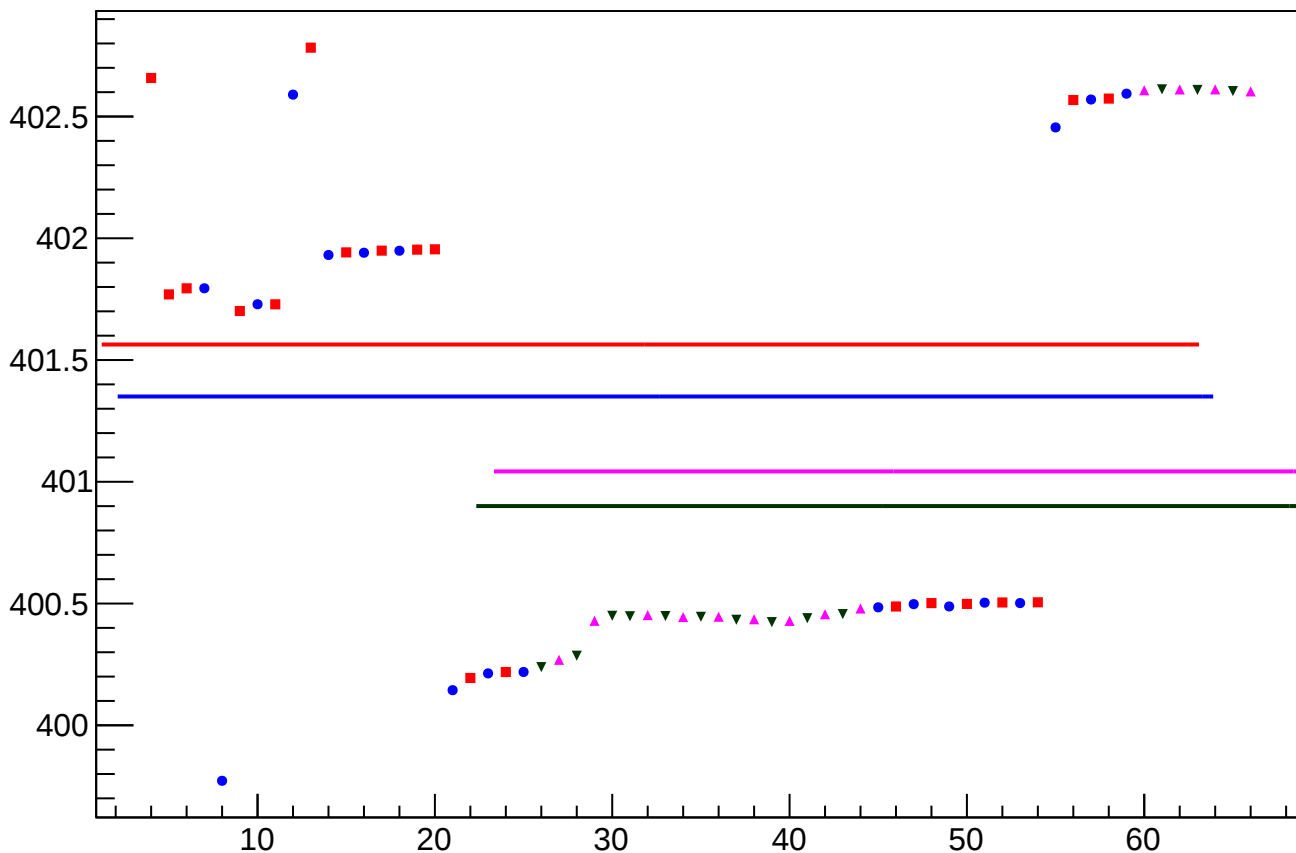
Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

Left In: 0.196+/-0.000 χ^2/NDF : 249438.6/12

0.183+/-0.000 χ^2/NDF : 1557055.5/30

0.178+/-0.000 χ^2/NDF : 1620849.6/31

yield_cav4bQ_mean vs slug



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

Left Out: 400.900+/-0.000 χ^2/NDF : 127237278013.8/12

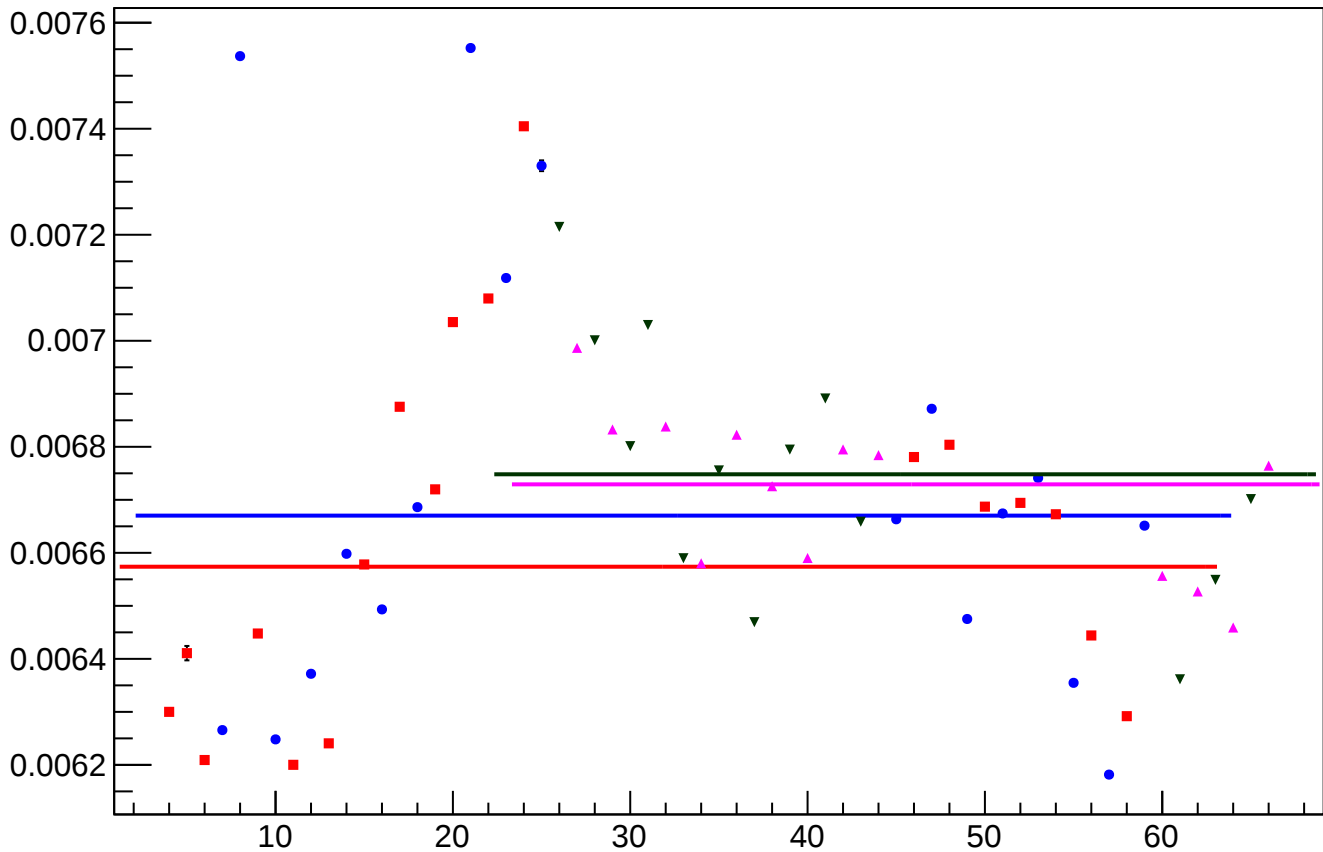
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 401.043+/-0.000 χ^2/NDF : 167057313715.8/12

401.182+/-0.000 χ^2/NDF : 381338833369.9/30

401.342+/-0.000 χ^2/NDF : 377700233917.0/31

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 :14790.7/12

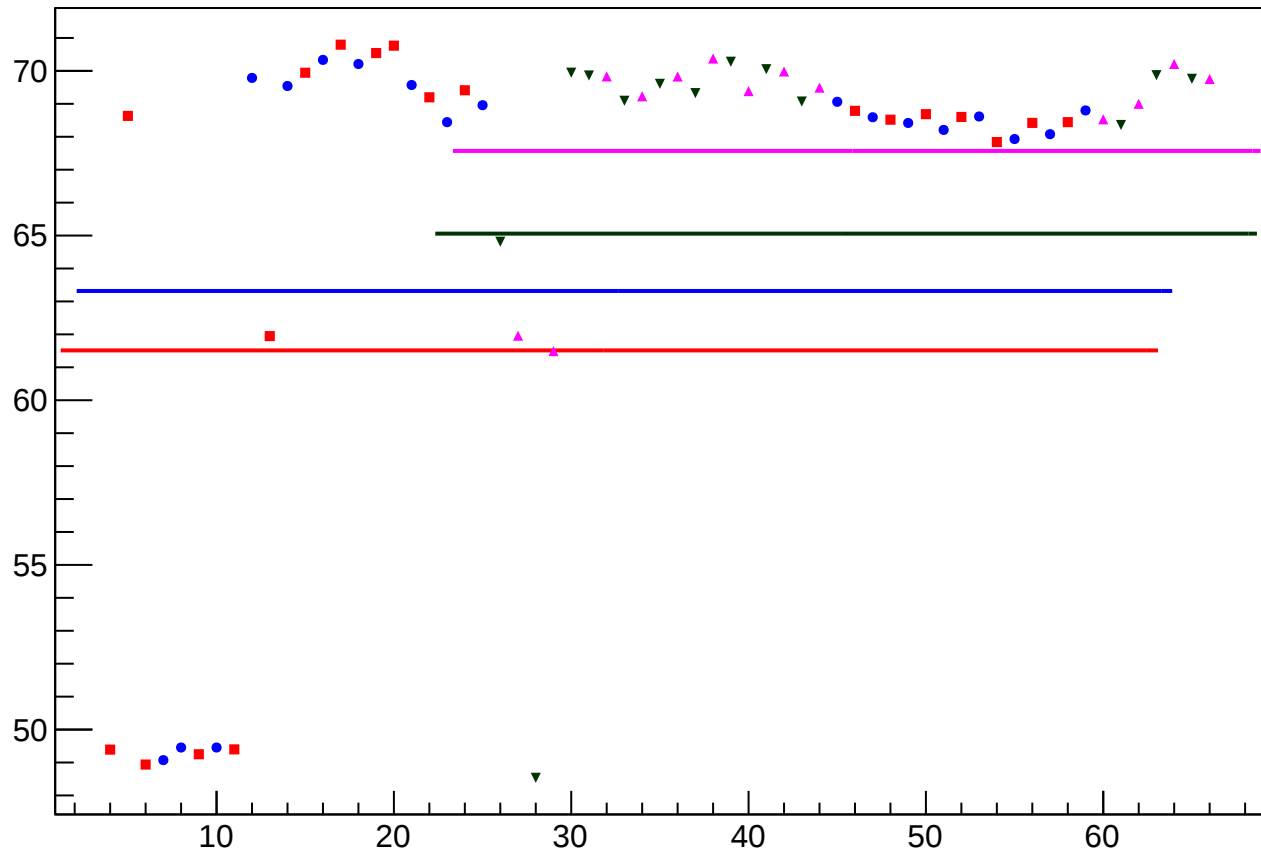
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF :8059.1/12

0.007+/-0.000 χ^2/NDF : 92614.0/30

0.007+/-0.000 χ^2/NDF : 60481.2/31

yield_cav4cQ_mean vs slug



Right In: 63.318 $\pm$ 0.000 χ^2/NDF : 17047377048.9/17

Left Out: 65.059 $\pm$ 0.000 χ^2/NDF : 9050922592.9/12

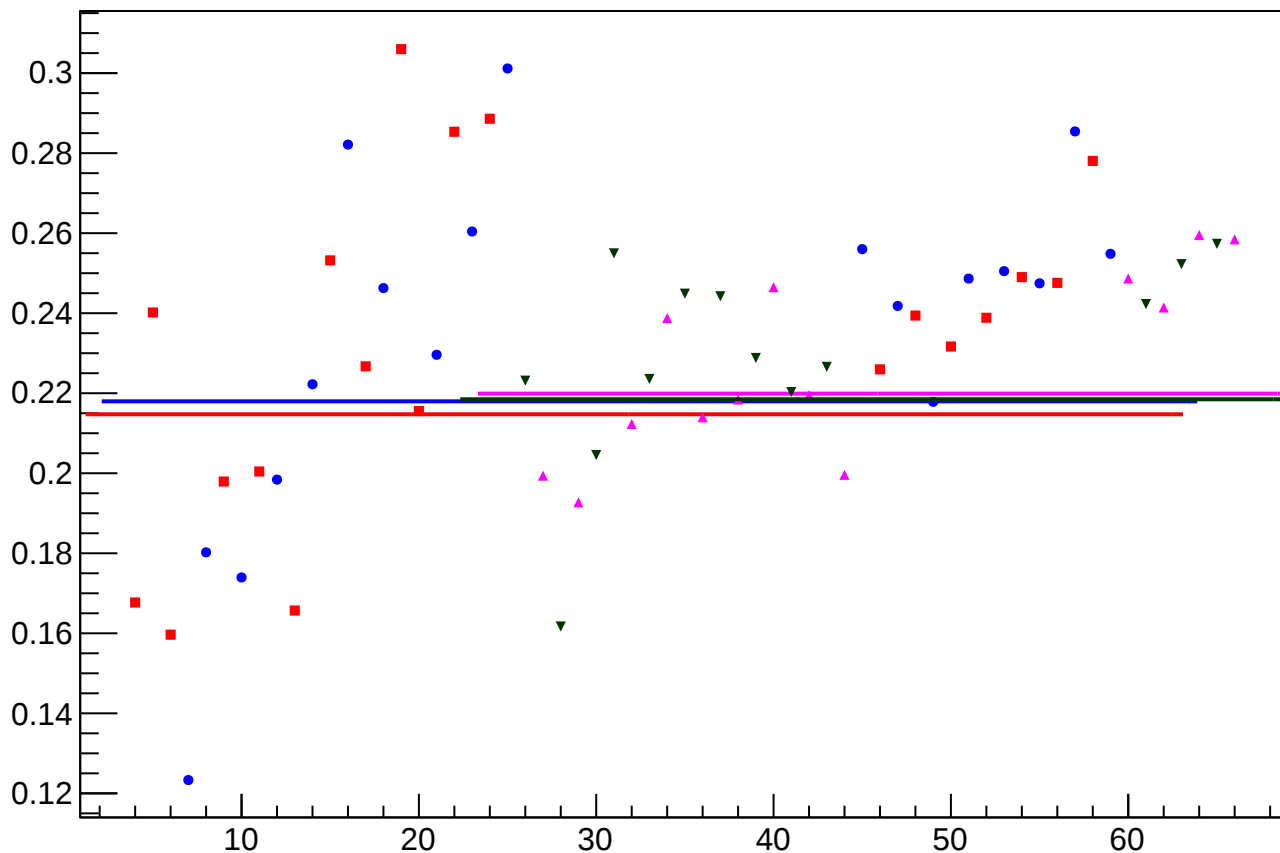
Right Out: 61.513 $\pm$ 0.000 χ^2/NDF : 15349624825.1/18

Left In: 67.570 $\pm$ 0.000 χ^2/NDF : 1800418350.0/12

63.978 $\pm$ 0.000 χ^2/NDF : 26341459565.5/30

64.180 $\pm$ 0.000 χ^2/NDF : 20159999462.5/31

yield_cav4cQ_rms vs slug



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

Left Out: 0.218+/-0.000 χ^2/NDF : 260288.5/12

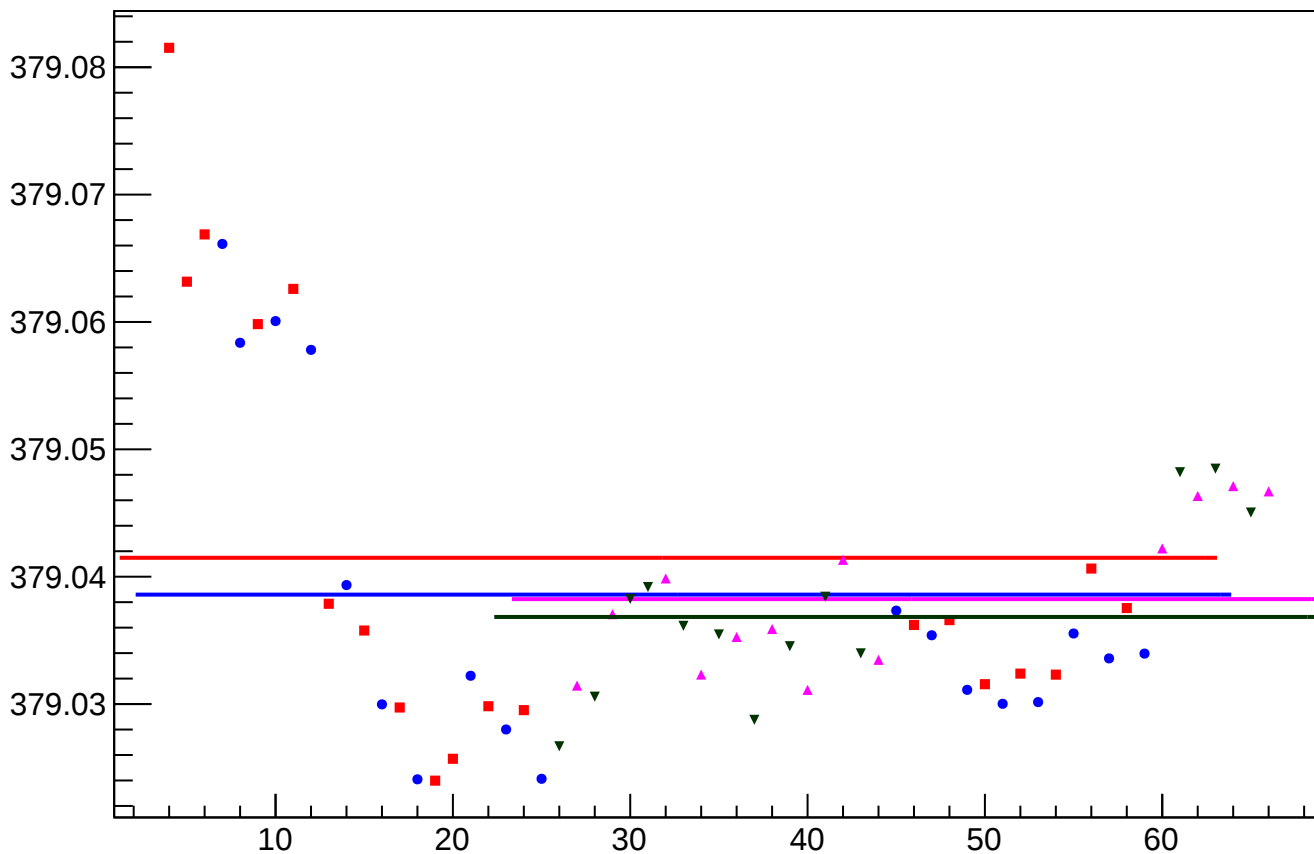
Right Out: 0.215+/-0.000 χ^2/NDF : 631176.3/18

Left In: 0.220+/-0.000 χ^2/NDF : 143809.7/12

0.218+/-0.000 χ^2/NDF : 994959.9/30

0.217+/-0.000 χ^2/NDF : 779361.3/31

yield_cav4dQ_mean vs slug



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

Left Out: 379.037 $\pm$ 0.000 χ^2 /NDF:6077208.9/12

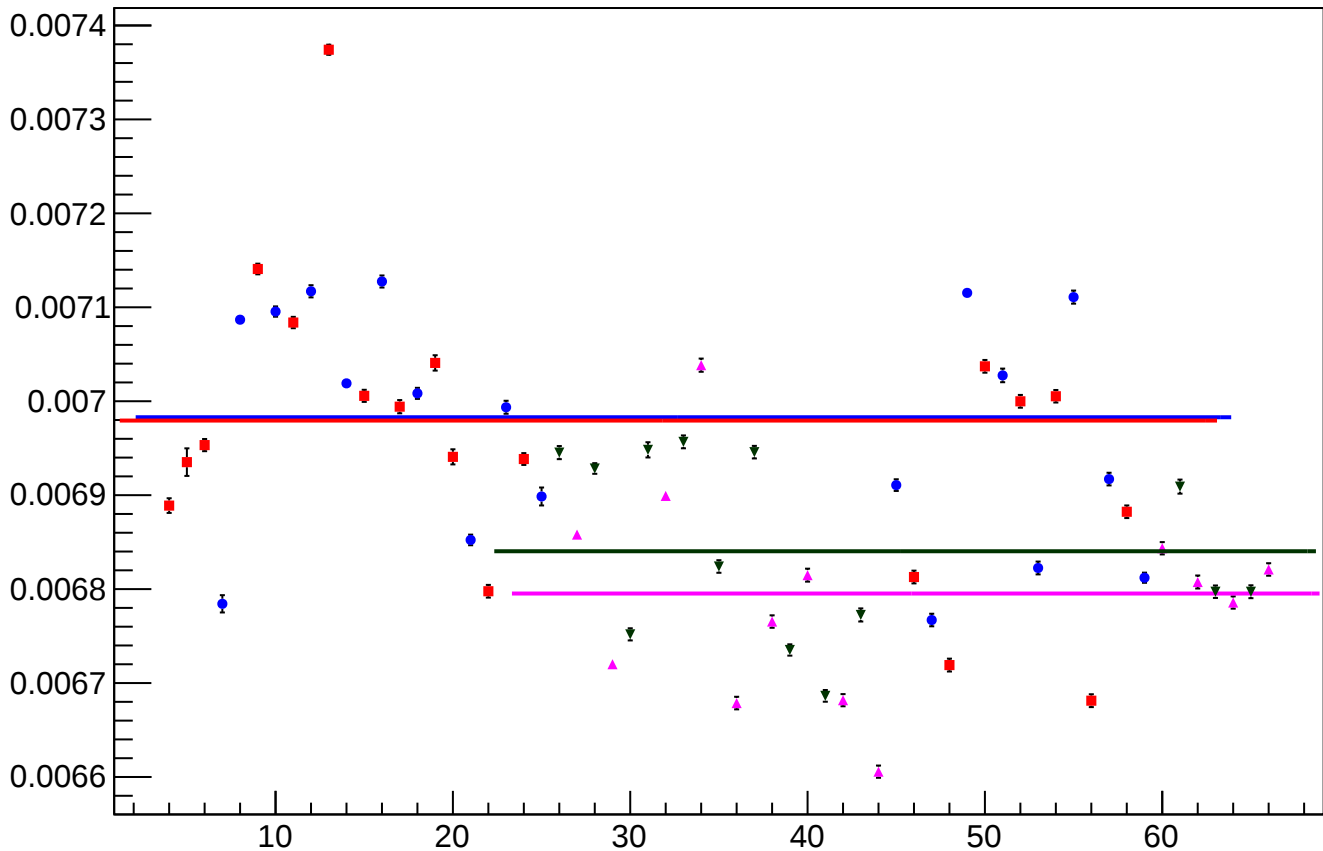
Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

Left In: 379.038 $\pm$ 0.000 χ^2 /NDF:4938982.2/12

379.038 $\pm$ 0.000 χ^2 /NDF: 40128628.8/30

379.040 $\pm$ 0.000 χ^2 /NDF: 52191596.3/31

yield_cav4dQ_rms vs slug



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

Left Out: 0.007 ± 0.000 χ^2/NDF : 2547.2/12

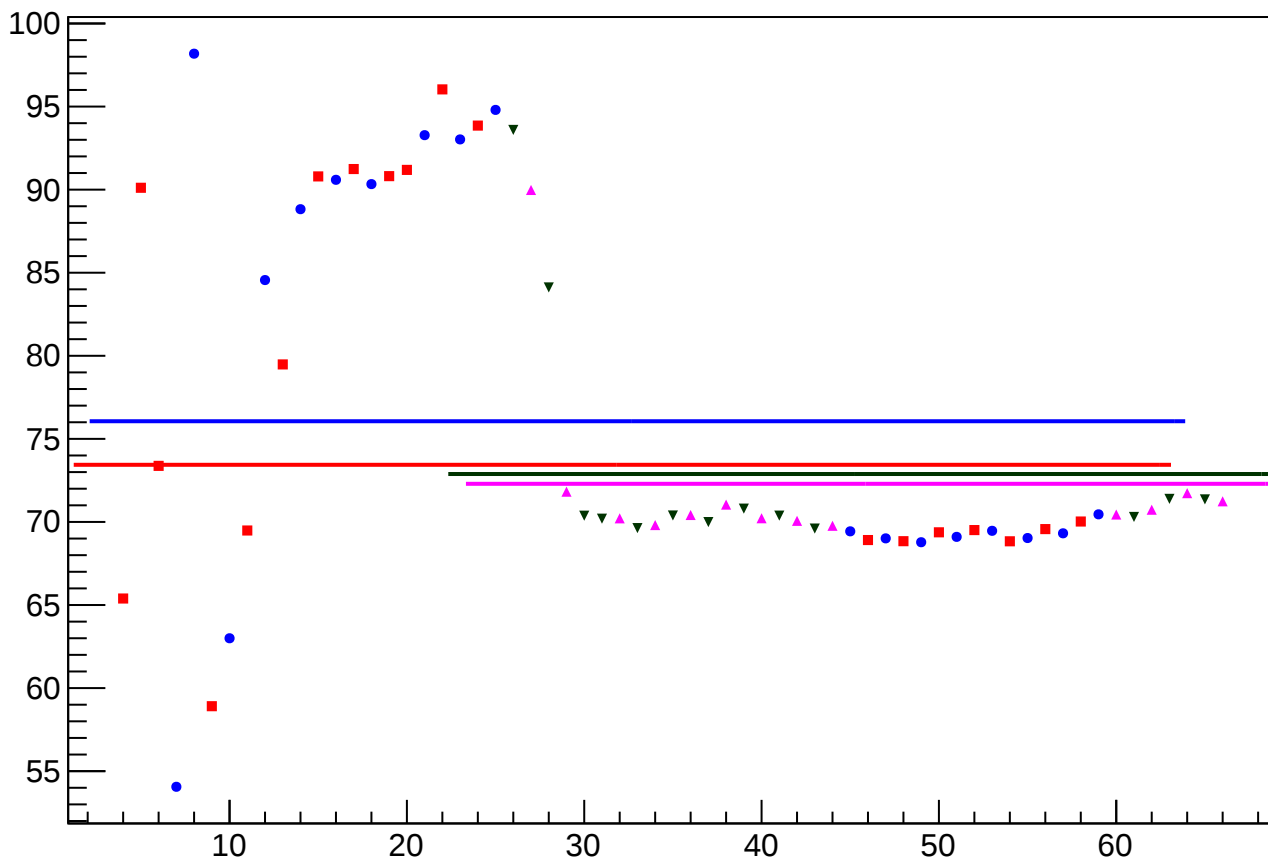
0.007 ± 0.000 χ^2/NDF : 12887.9/30

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

0.007 ± 0.000 χ^2/NDF : 21521.1/31

Left In: 0.007 ± 0.000 χ^2/NDF : 3515.1/12

yield_bcm0l02_mean vs slug



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

Left Out: 72.885+/-0.000 χ^2/NDF : 3789886420.4/12

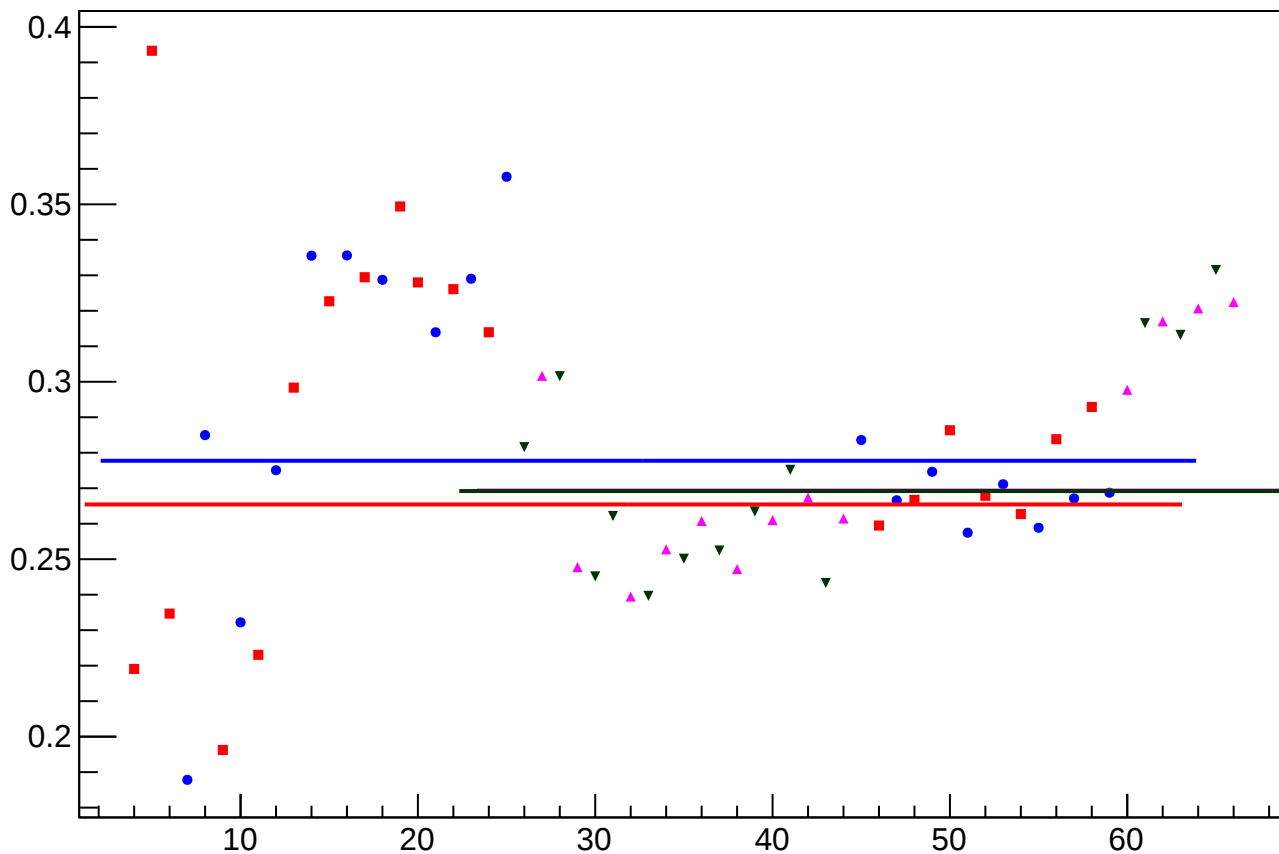
Right Out: 73.439+/-0.000 χ^2/NDF : 14741427319.0/18

Left In: 72.295+/-0.000 χ^2/NDF : 2976336044.3/12

74.804+/-0.000 χ^2/NDF : 25106718689.0/30

72.931+/-0.000 χ^2/NDF : 17790289773.7/31

yield_bcm0l02_rms vs slug



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

Left Out: 0.269 ± 0.000 χ^2/NDF : 133392.9/12

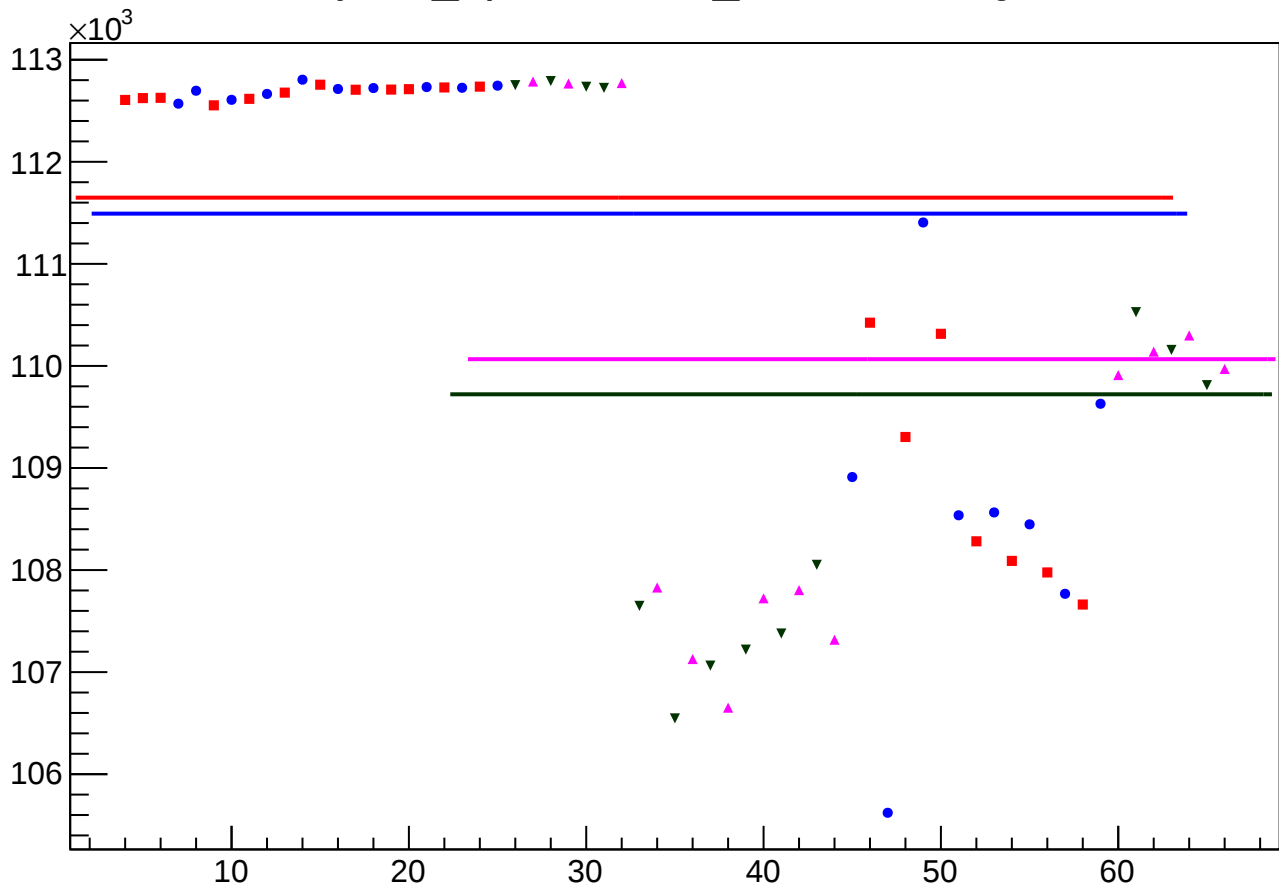
Right Out: 0.265 ± 0.000 χ^2/NDF : 503582.7/18

Left In: 0.269 ± 0.000 χ^2/NDF : 156301.7/12

0.274 ± 0.000 χ^2/NDF : 511279.0/30

0.267 ± 0.000 χ^2/NDF : 661583.7/31

yield_bpm2i01WS_mean vs slug



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

Left Out: 109722.103 $\pm$ 0.049 χ^2 /NDF: 2700299423.9/12

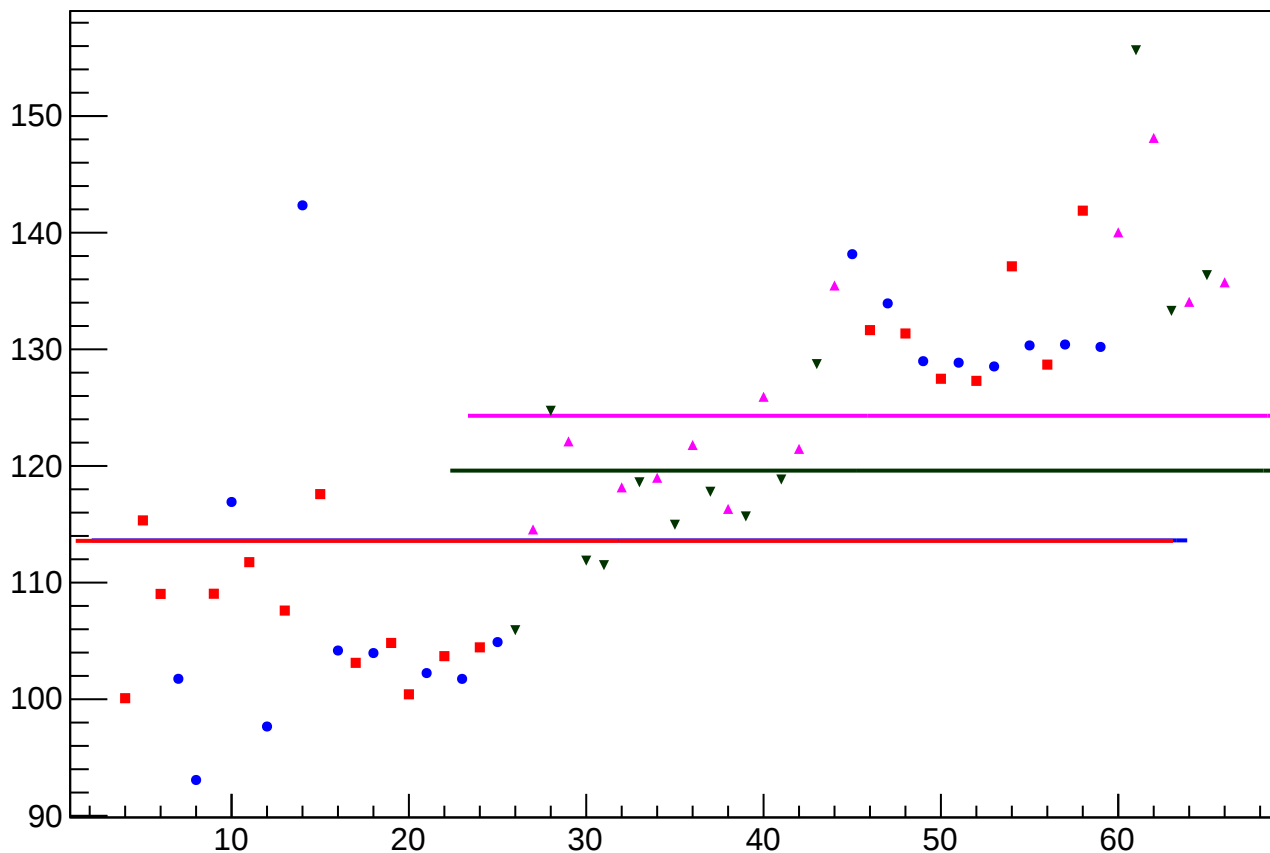
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110066.192 $\pm$ 0.047 χ^2 /NDF: 2592276453.3/12

110890.810 $\pm$ 0.028 χ^2 /NDF: 6743811463.5/30

111040.690 $\pm$ 0.029 χ^2 /NDF: 5585235188.5/31

yield_bpm2i01WS_rms vs slug



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

Left Out: 119.602 $\pm$ 0.034 χ^2 /NDF:84834.3/12

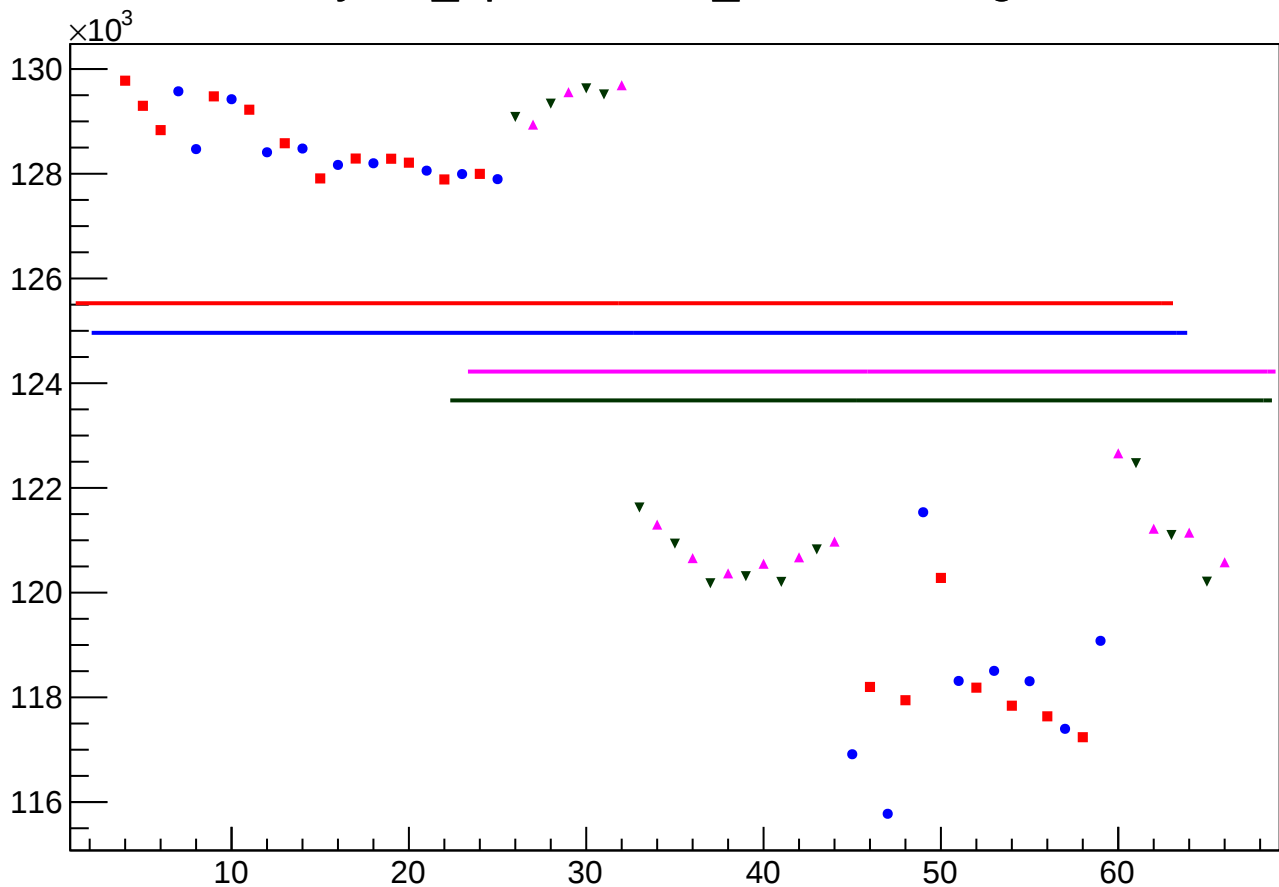
Right Out: 113.579 $\pm$ 0.026 χ^2 /NDF: 206805.2/18

Left In: 124.304 $\pm$ 0.033 χ^2 /NDF:72119.3/12

115.652 $\pm$ 0.020 χ^2 /NDF: 527104.1/30

117.701 $\pm$ 0.021 χ^2 /NDF: 342676.5/31

yield_bpm0i07WS_mean vs slug



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

Left Out: 123671.356 $\pm$ 0.084 χ^2 /NDF: 2456504828.5/12

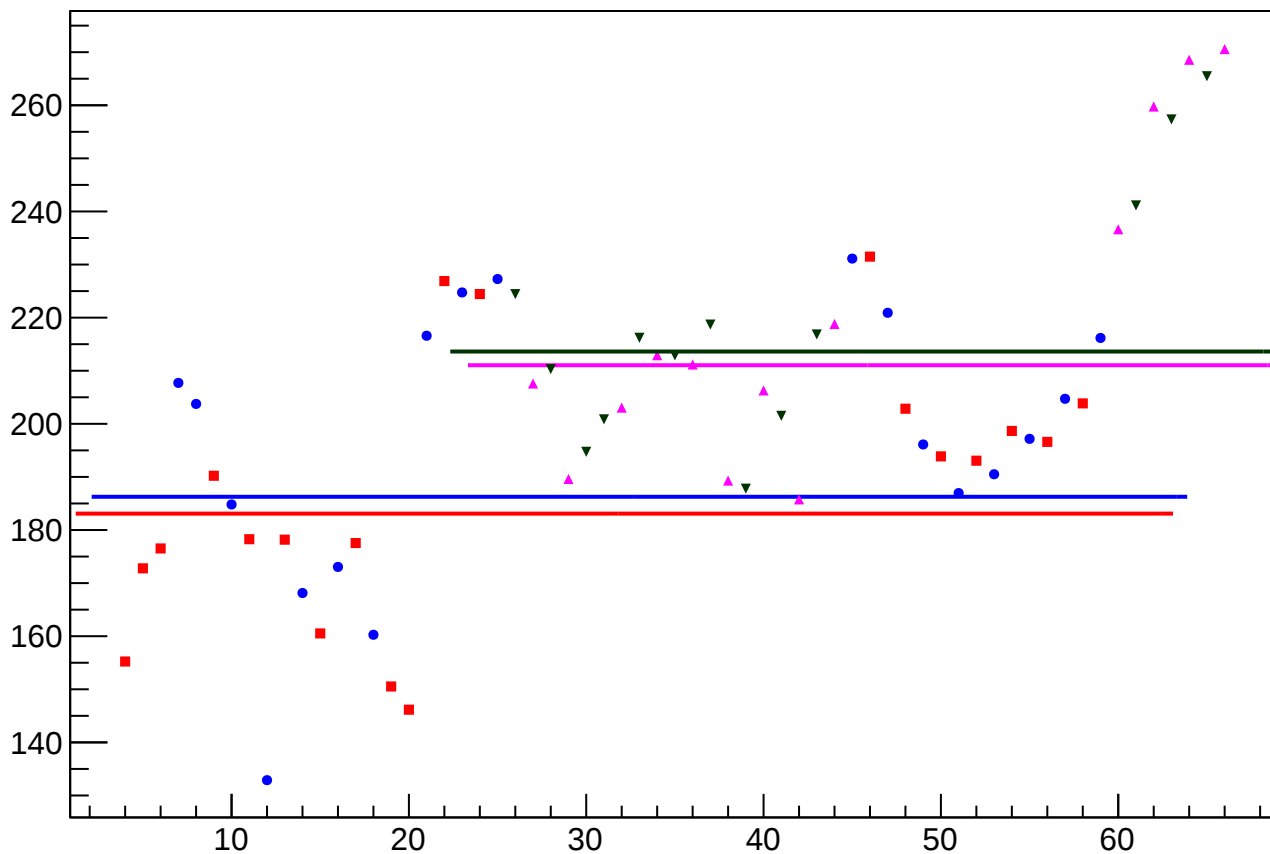
Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18

Left In: 124222.042 $\pm$ 0.077 χ^2 /NDF: 2898039531.0/12

124553.779 $\pm$ 0.047 χ^2 /NDF: 9835922553.8/30

125039.959 $\pm$ 0.047 χ^2 /NDF: 9622552573.6/30

yield_bpm0i07WS_rms vs slug



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

Left Out: 213.619+/-0.059 χ^2/NDF :119792.5/12

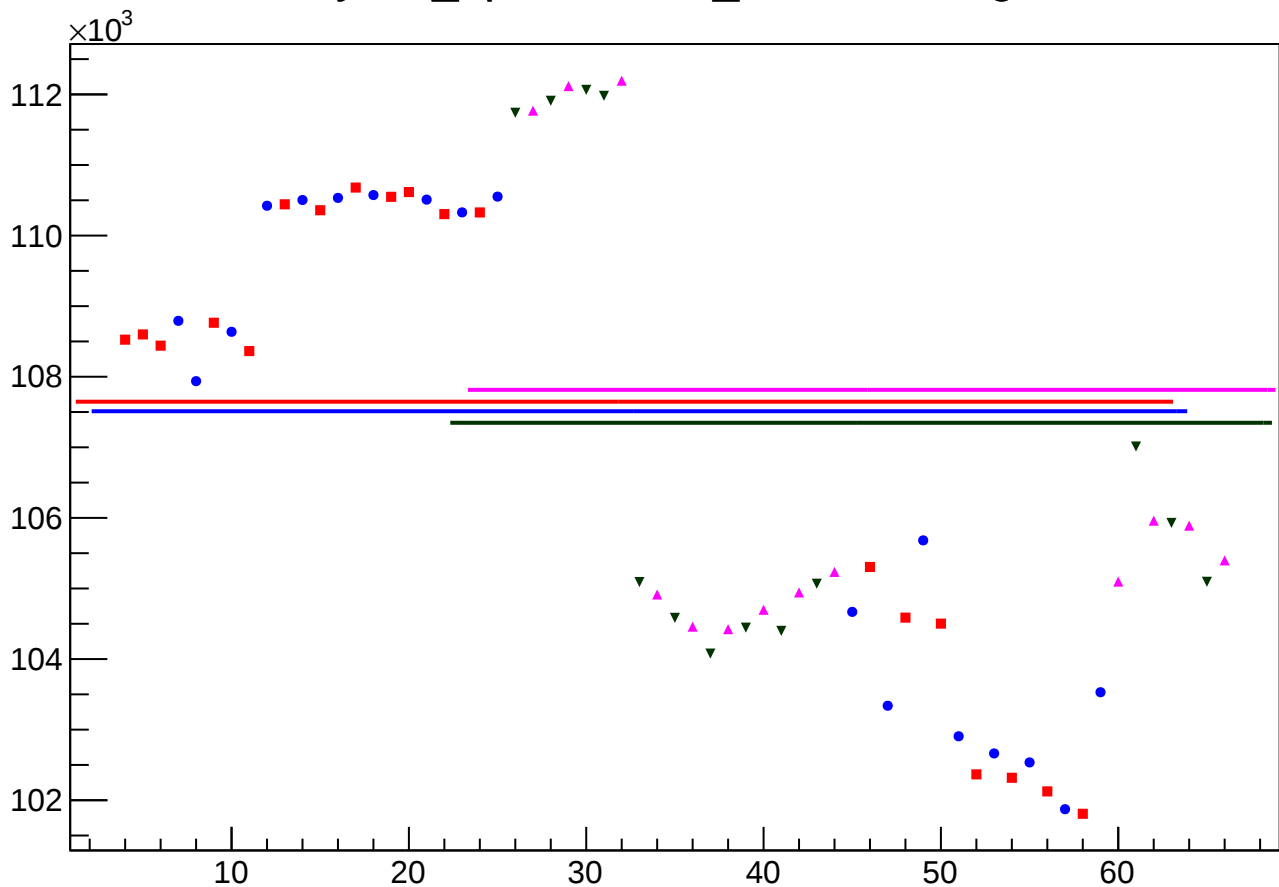
Right Out: 183.088+/-0.042 χ^2/NDF : 276420.3/18

Left In: 211.039+/-0.055 χ^2/NDF :199765.3/12

194.911+/-0.033 χ^2/NDF : 728902.3/30

193.520+/-0.033 χ^2/NDF : 640660.8/31

yield_bpm0l01WS_mean vs slug



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

Left Out: 107347.823 $\pm$ 0.047 χ^2/NDF : 5462722984.1/12

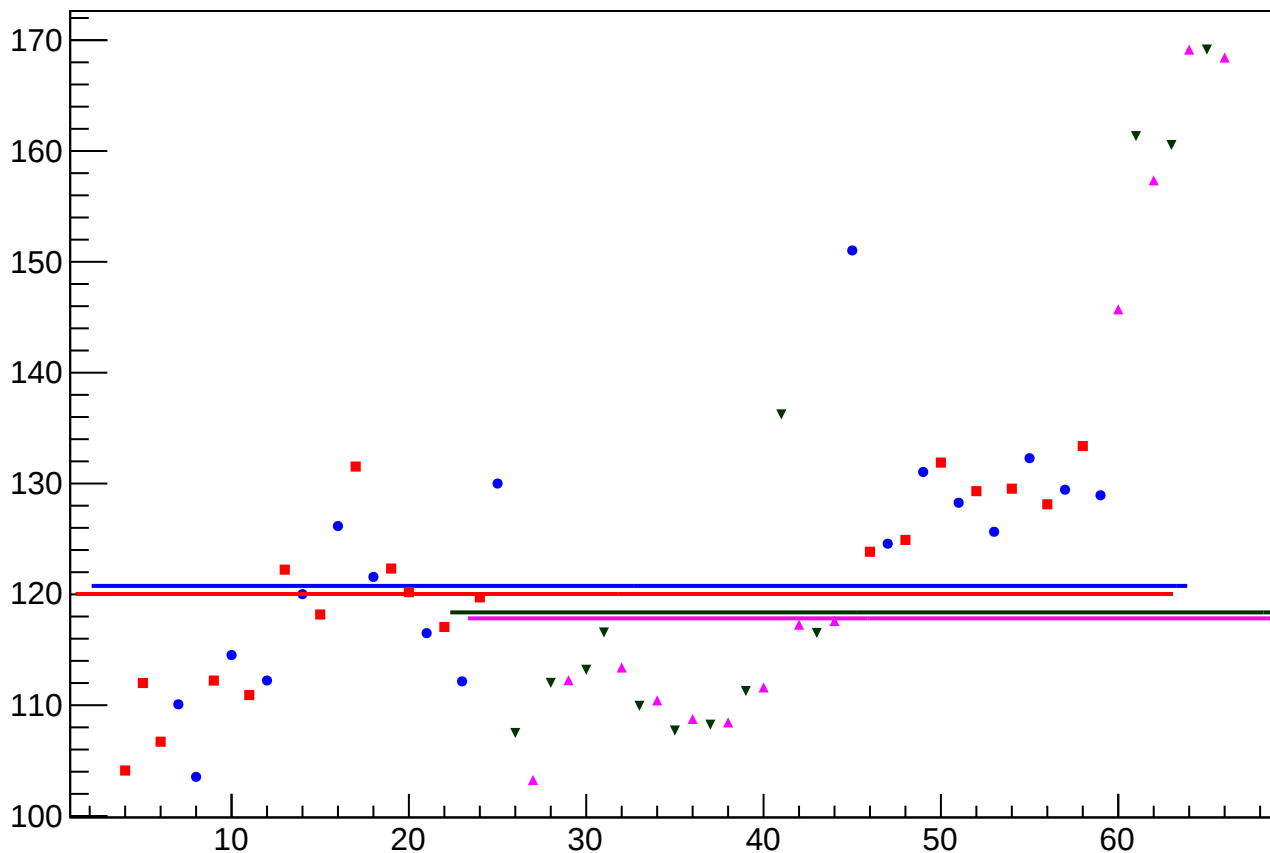
Right Out: 107646.372 $\pm$ 0.039 χ^2/NDF : 6547636060.9/18

Left In: 107814.386 $\pm$ 0.043 χ^2/NDF : 6464586517.1/12

107449.141 $\pm$ 0.029 χ^2/NDF : 13015692093.0/3

107721.325 $\pm$ 0.029 χ^2/NDF : 13020534868.8/3

yield_bpm0l01WS_rms vs slug



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

Left Out: 118.374 ± 0.033 χ^2/NDF : 269193.0/12

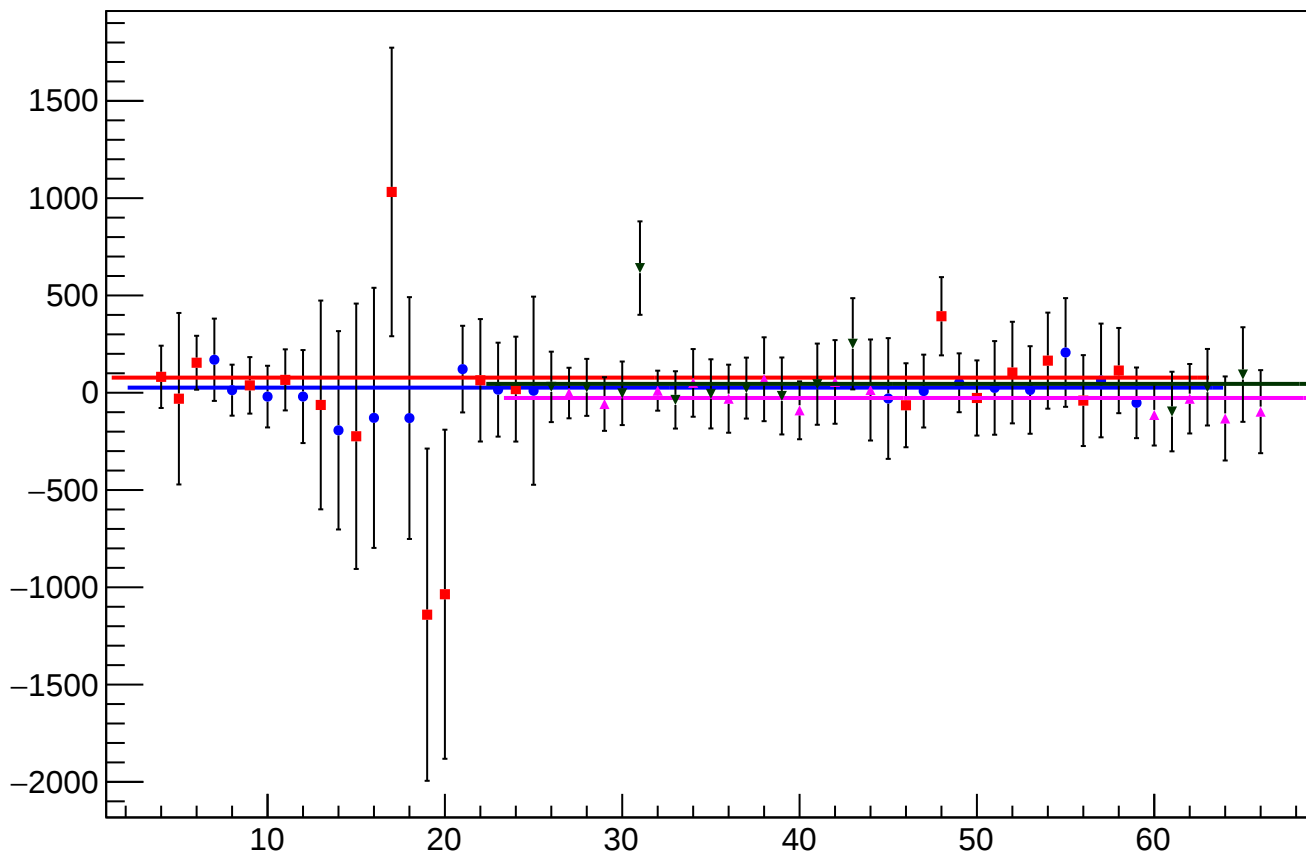
Right Out: 120.035 ± 0.028 χ^2/NDF : 93920.3/18

Left In: 117.834 ± 0.031 χ^2/NDF : 342739.8/12

119.854 ± 0.020 χ^2/NDF : 428171.0/30

119.053 ± 0.020 χ^2/NDF : 439511.0/31

asym_bcm_an_ds_mean vs slug



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

Left Out: 45.507+/-51.043 χ^2/NDF : 8.1/12

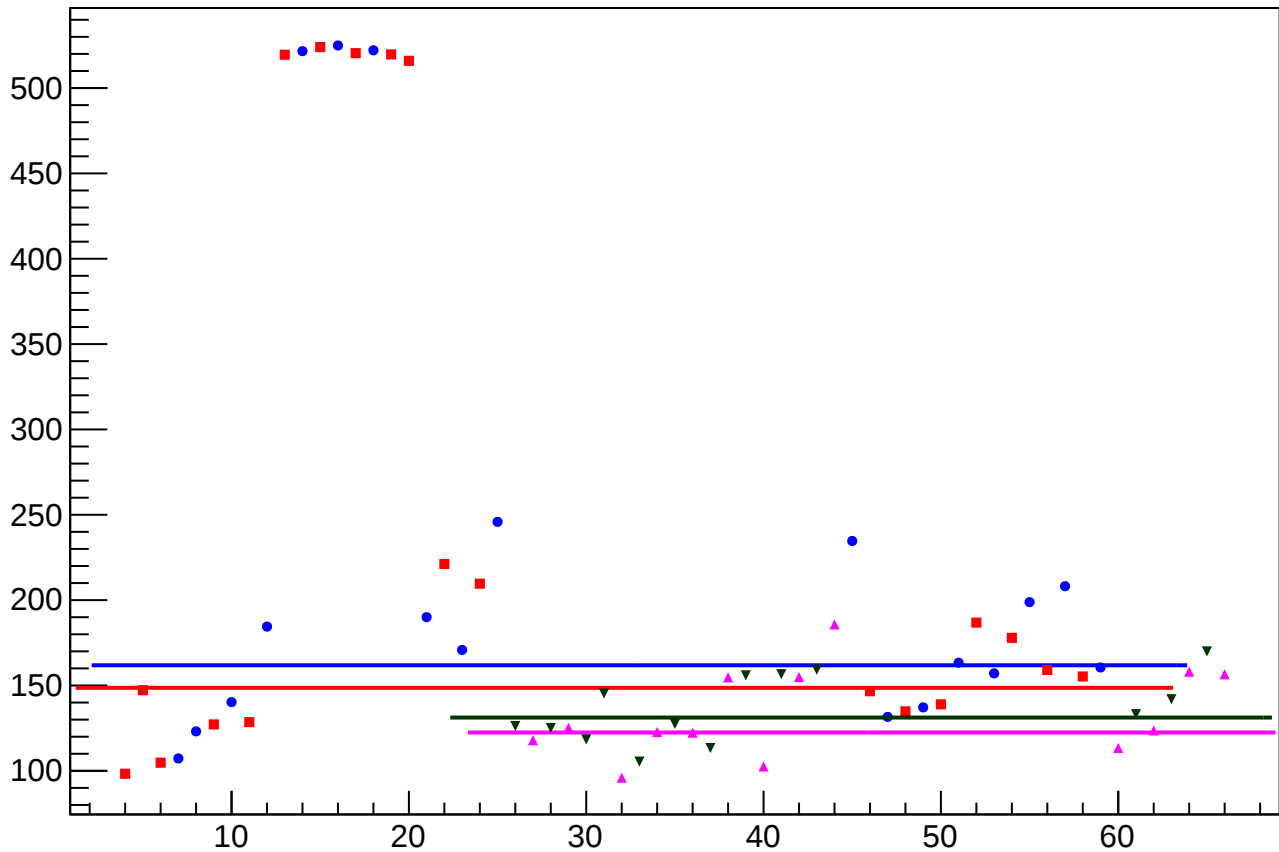
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -26.922+/-45.147 χ^2/NDF : 1.6/12

36.149+/-36.601 χ^2/NDF : 9.9/30

17.473+/-34.255 χ^2/NDF : 13.7/31

asym_bcm_an_ds_rms vs slug



Right In: 161.835 $\pm$ 0.037 χ^2 /NDF: 3018868.1/17

Left Out: 131.217 $\pm$ 0.036 χ^2 /NDF:258770.5/12

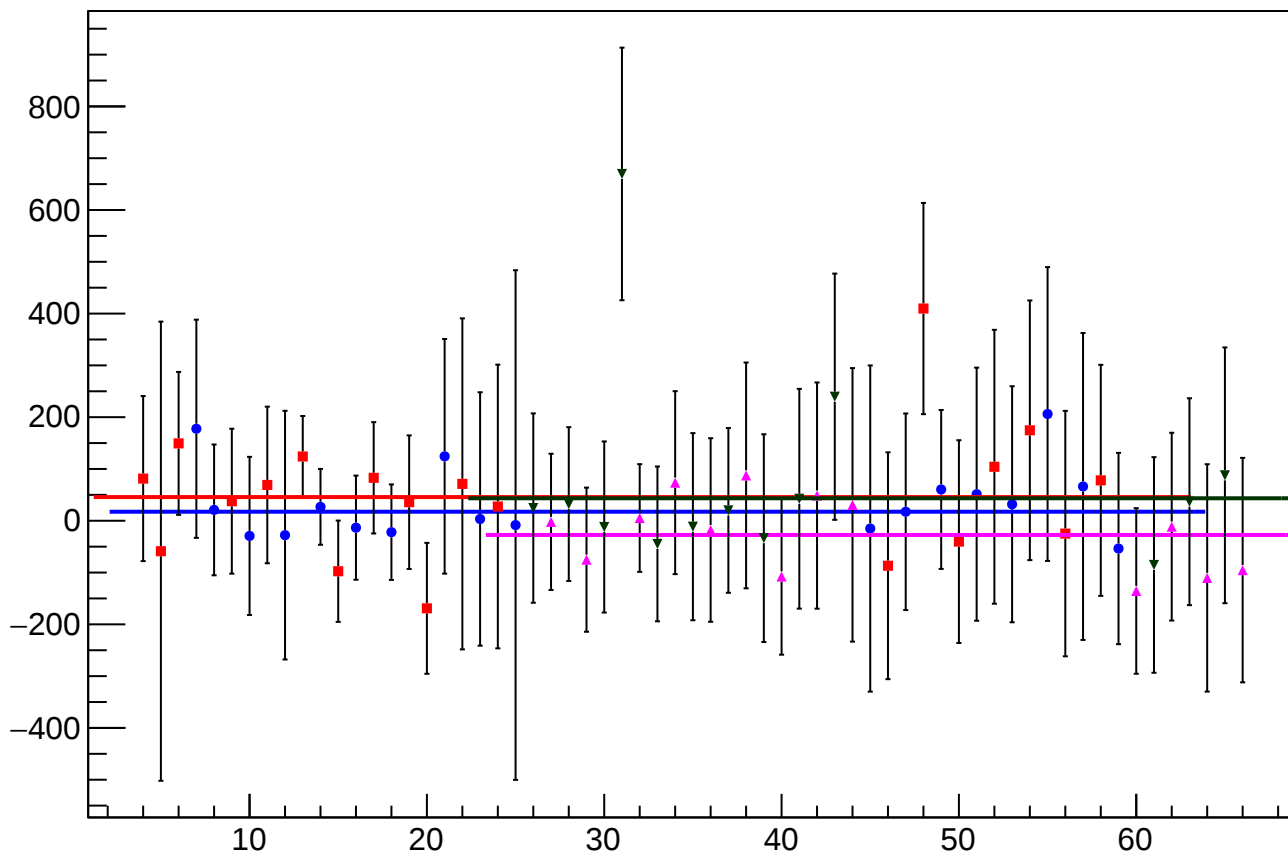
146.092 $\pm$ 0.026 χ^2 /NDF: 3627248.0/30

Right Out: 148.646 $\pm$ 0.037 χ^2 /NDF: 3594583.0/18

133.572 $\pm$ 0.024 χ^2 /NDF: 4373548.5/31

Left In: 122.461 $\pm$ 0.032 χ^2 /NDF:493489.1/12

asym_bcm_an_ds3_mean vs slug



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

Left Out: 43.420+/-51.778 χ^2/NDF : 8.4/12

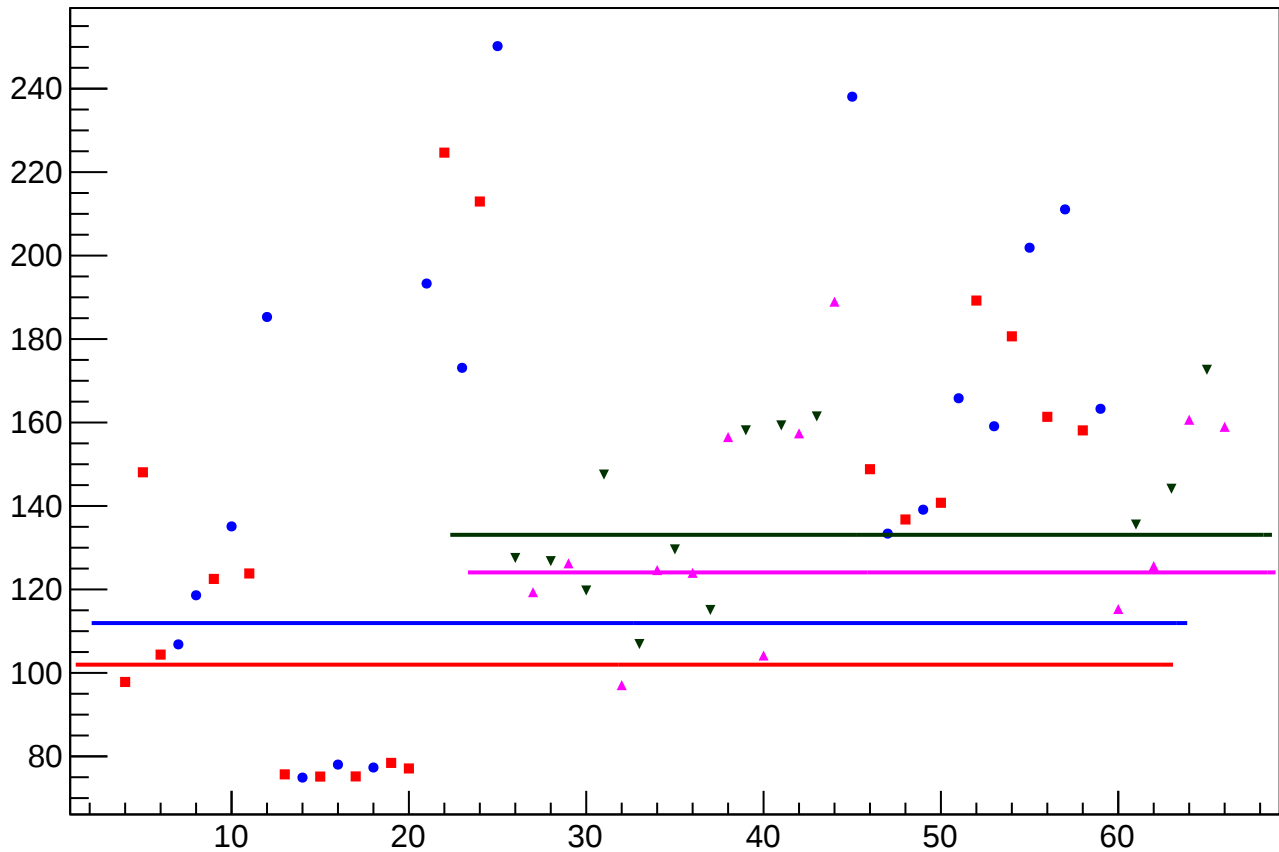
Right Out: 45.735+/-34.677 χ^2/NDF : 11.0/18

Left In: -27.454+/-45.757 χ^2/NDF : 2.0/12

26.018+/-29.731 χ^2/NDF : 10.6/30

19.034+/-27.637 χ^2/NDF : 14.7/31

asym_bcm_an_ds3_rms vs slug



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

Left Out: 133.088+/-0.037 χ^2/NDF : 261118.5/12

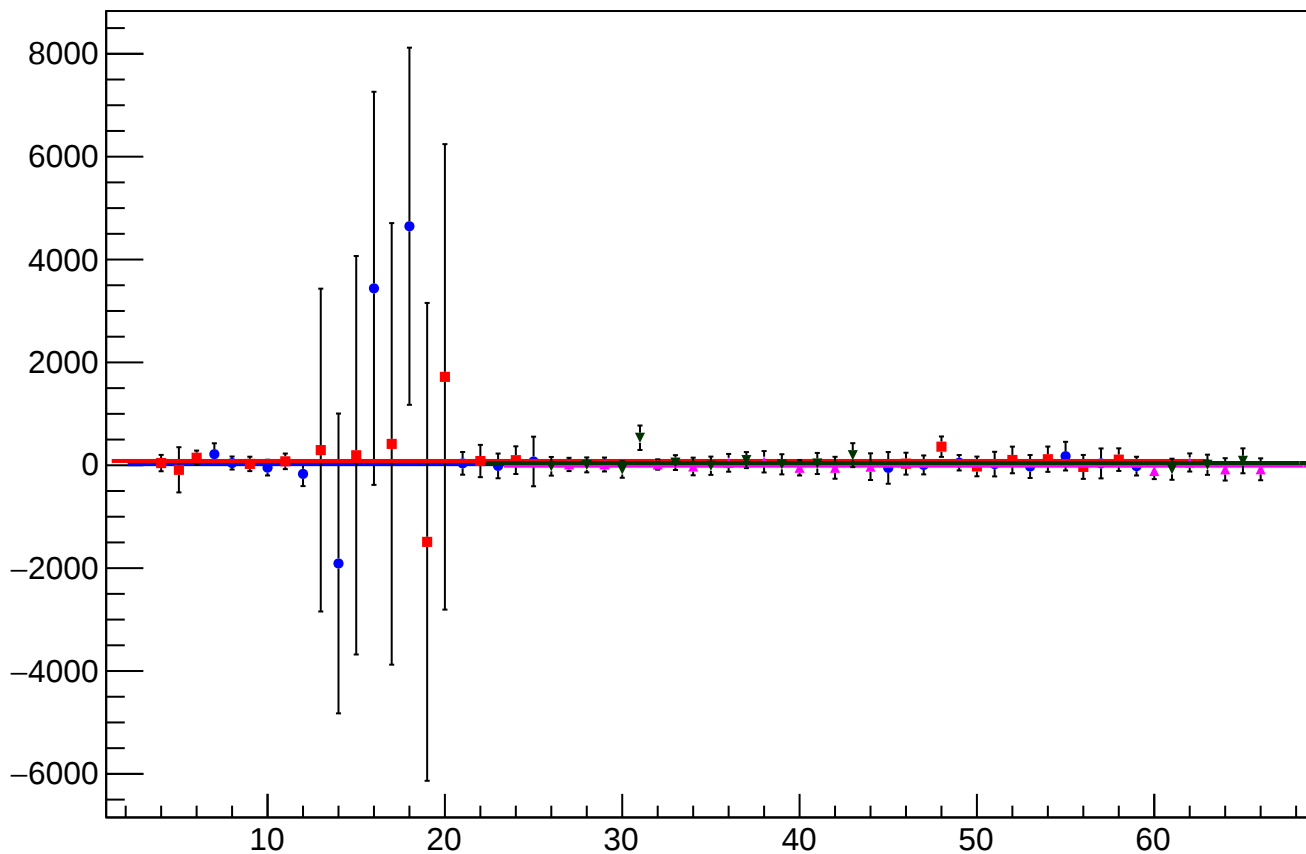
Right Out: 101.974+/-0.025 χ^2/NDF : 2271871.2/18

Left In: 124.079+/-0.032 χ^2/NDF : 497978.8/12

118.914+/-0.021 χ^2/NDF : 3457440.4/30

110.038+/-0.020 χ^2/NDF : 3066360.1/31

asym_bcm_an_us_mean vs slug



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

Left Out: 44.379+/-50.662 χ^2/NDF : 6.1/12

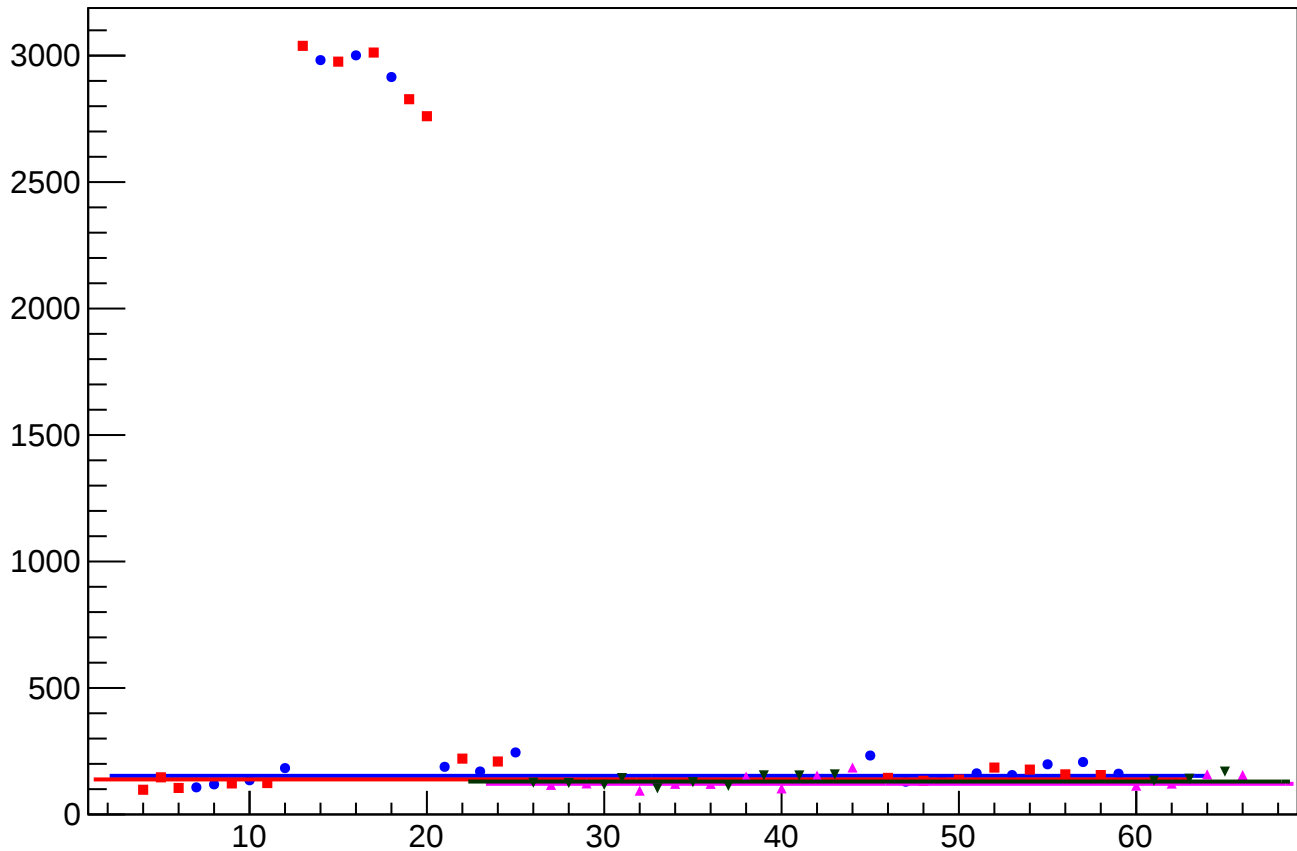
Right Out: 84.092+/-52.636 χ^2/NDF : 3.5/18

Left In: -8.200+/-44.667 χ^2/NDF : 1.2/12

33.449+/-36.411 χ^2/NDF : 11.5/30

30.438+/-34.057 χ^2/NDF : 6.5/31

asym_bcm_an_us_rms vs slug



Right In: 152.628 ± 0.037 χ^2/NDF : 5017627.8/17

Left Out: 130.085 ± 0.036 χ^2/NDF : 267632.6/12

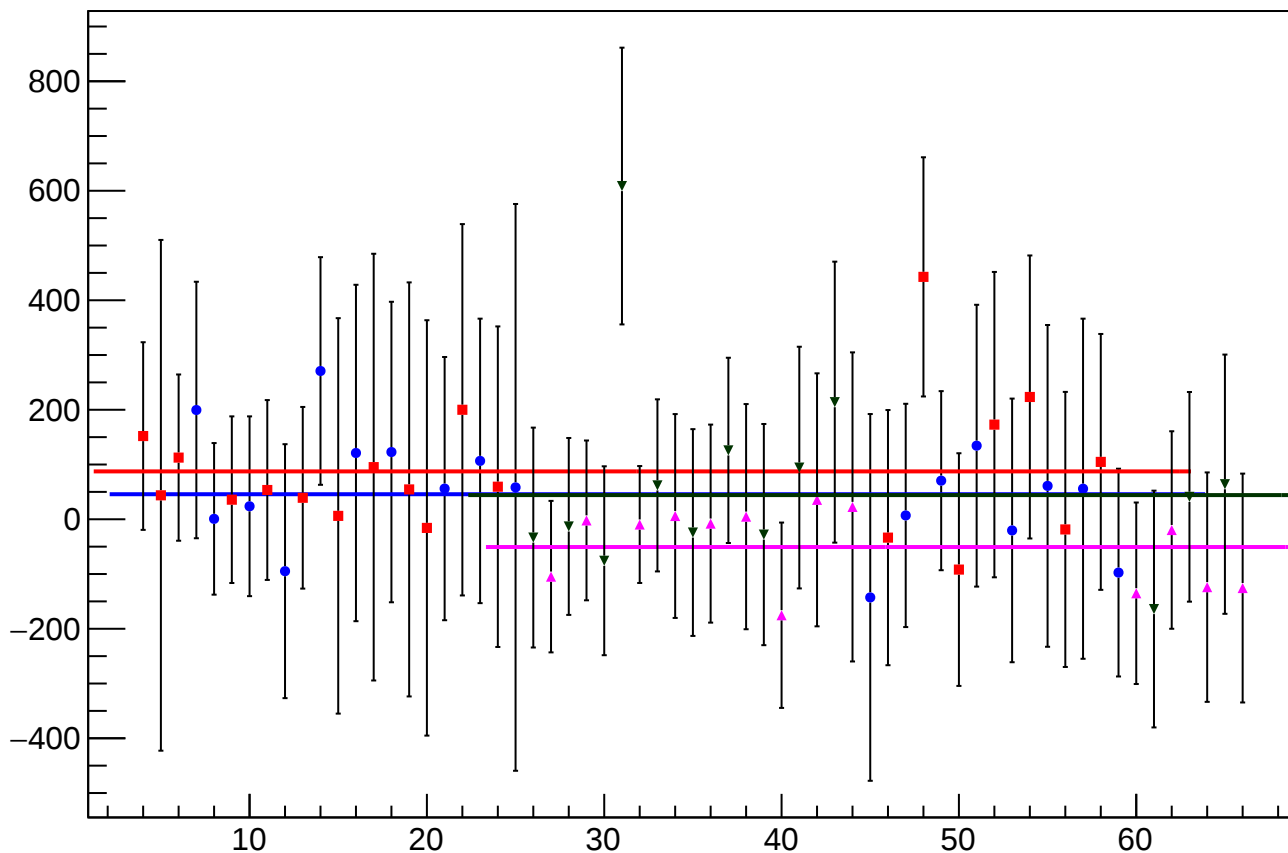
140.984 ± 0.026 χ^2/NDF : 5476726.1/30

Right Out: 138.455 ± 0.037 χ^2/NDF : 5734578.9/18

128.361 ± 0.024 χ^2/NDF : 6362694.2/31

Left In: 121.092 ± 0.032 χ^2/NDF : 501592.9/12

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 44.162+/-54.030 χ^2/NDF : 7.7/12

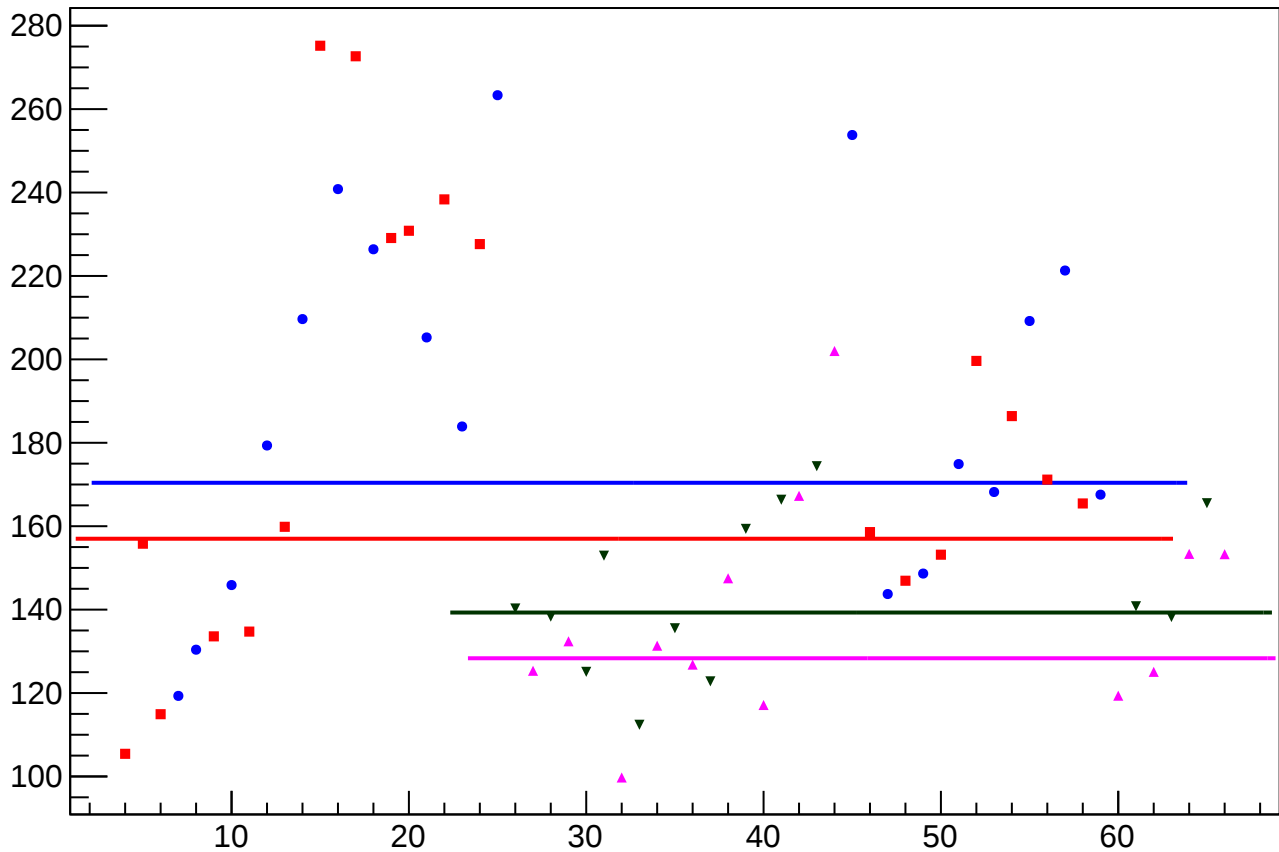
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -50.699+/-47.195 χ^2/NDF : 1.9/12

44.972+/-37.691 χ^2/NDF : 11.1/30

11.771+/-34.930 χ^2/NDF : 10.6/31

asym_bcm_dg_us_rms vs slug



Right In: 170.412+/-0.037 χ^2/NDF : 964671.4/17

Left Out: 139.304+/-0.038 χ^2/NDF :209774.0/12

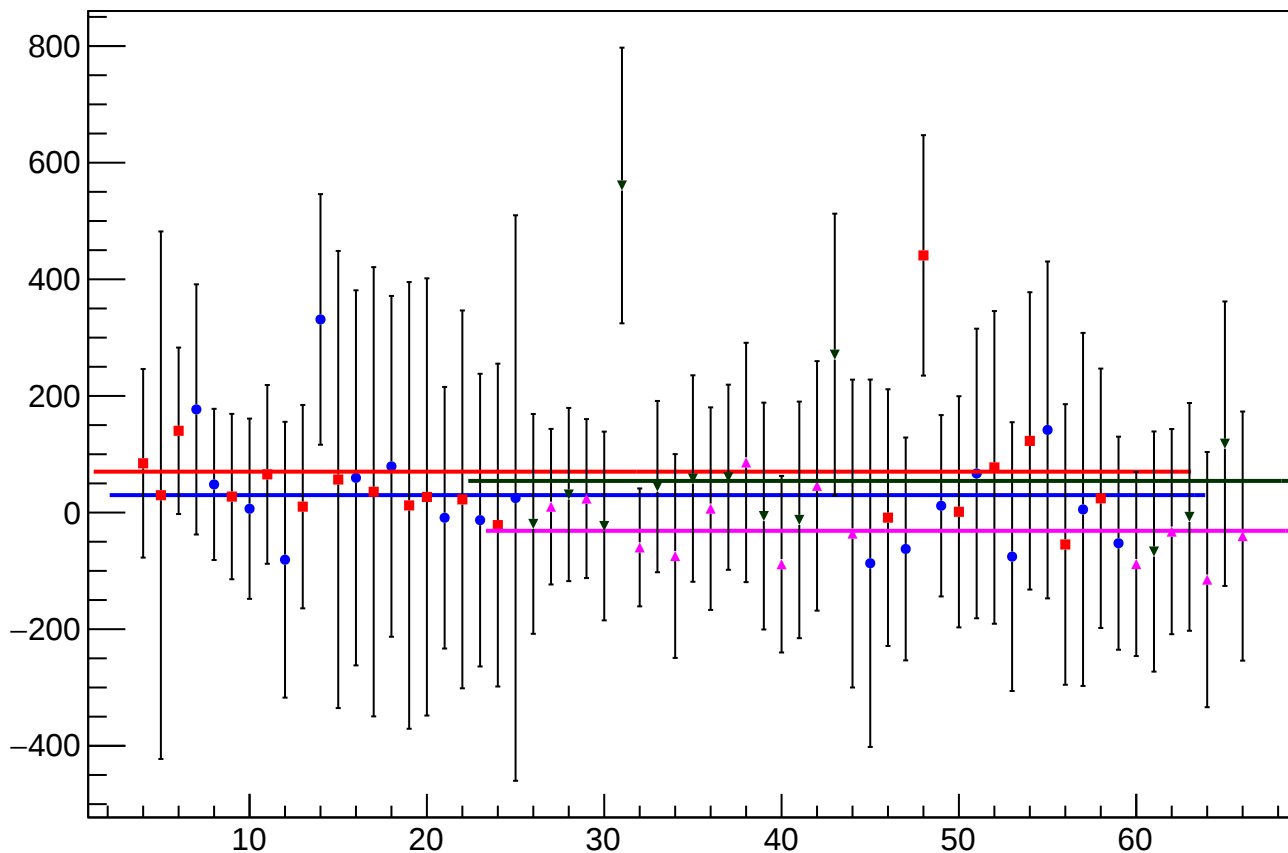
155.274+/-0.027 χ^2/NDF : 1514813.9/30

Right Out: 156.997+/-0.037 χ^2/NDF : 1276447.5/18

141.299+/-0.025 χ^2/NDF : 2039176.5/31

Left In: 128.339+/-0.033 χ^2/NDF :429222.0/12

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 54.281+/-51.168 χ^2/NDF : 6.5/12

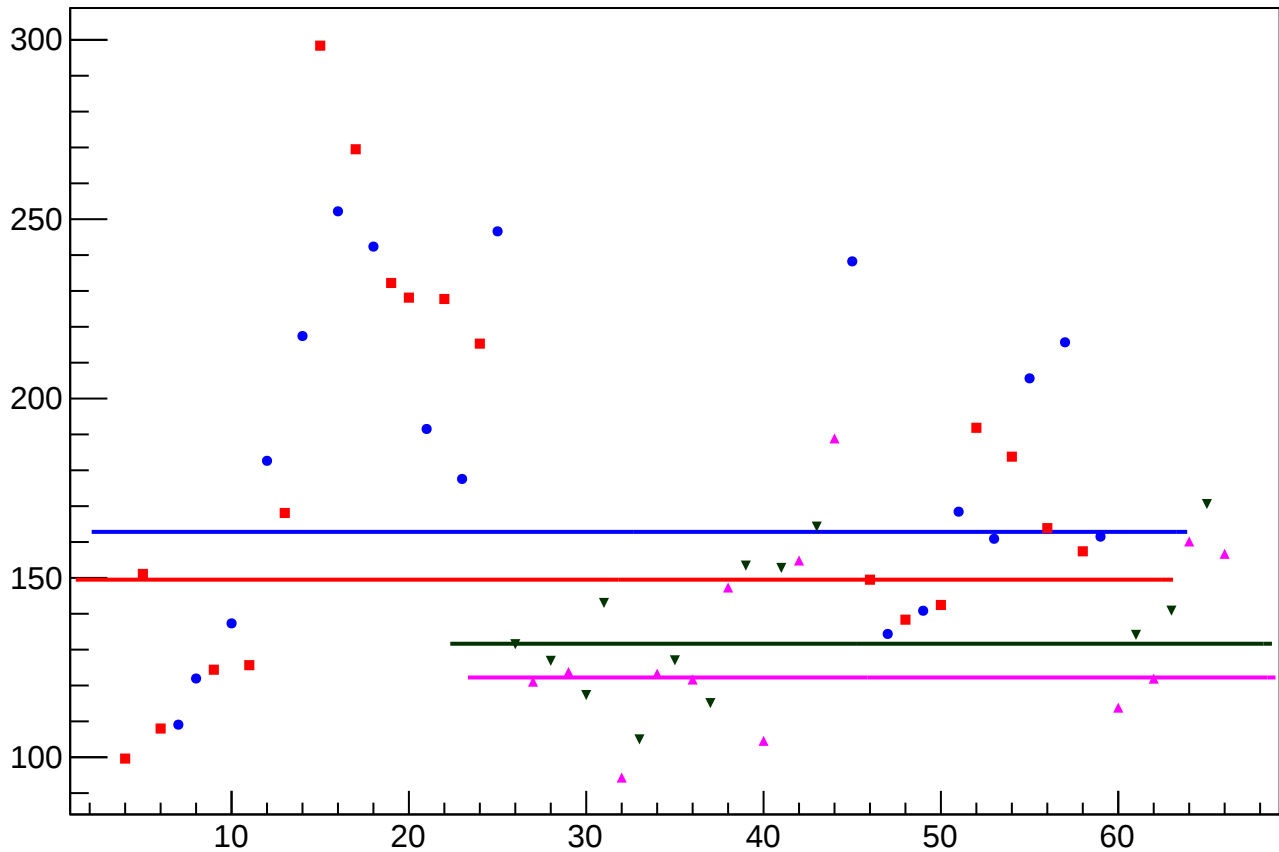
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -31.317+/-45.059 χ^2/NDF : 1.3/12

41.962+/-35.975 χ^2/NDF : 10.4/30

14.379+/-33.407 χ^2/NDF : 8.1/31

asym_bcm_dg_ds_rms vs slug



Right In: 162.833 $\pm$ 0.036 χ^2 /NDF: 1229021.5/17

Left Out: 131.644 $\pm$ 0.036 χ^2 /NDF:250362.9/12

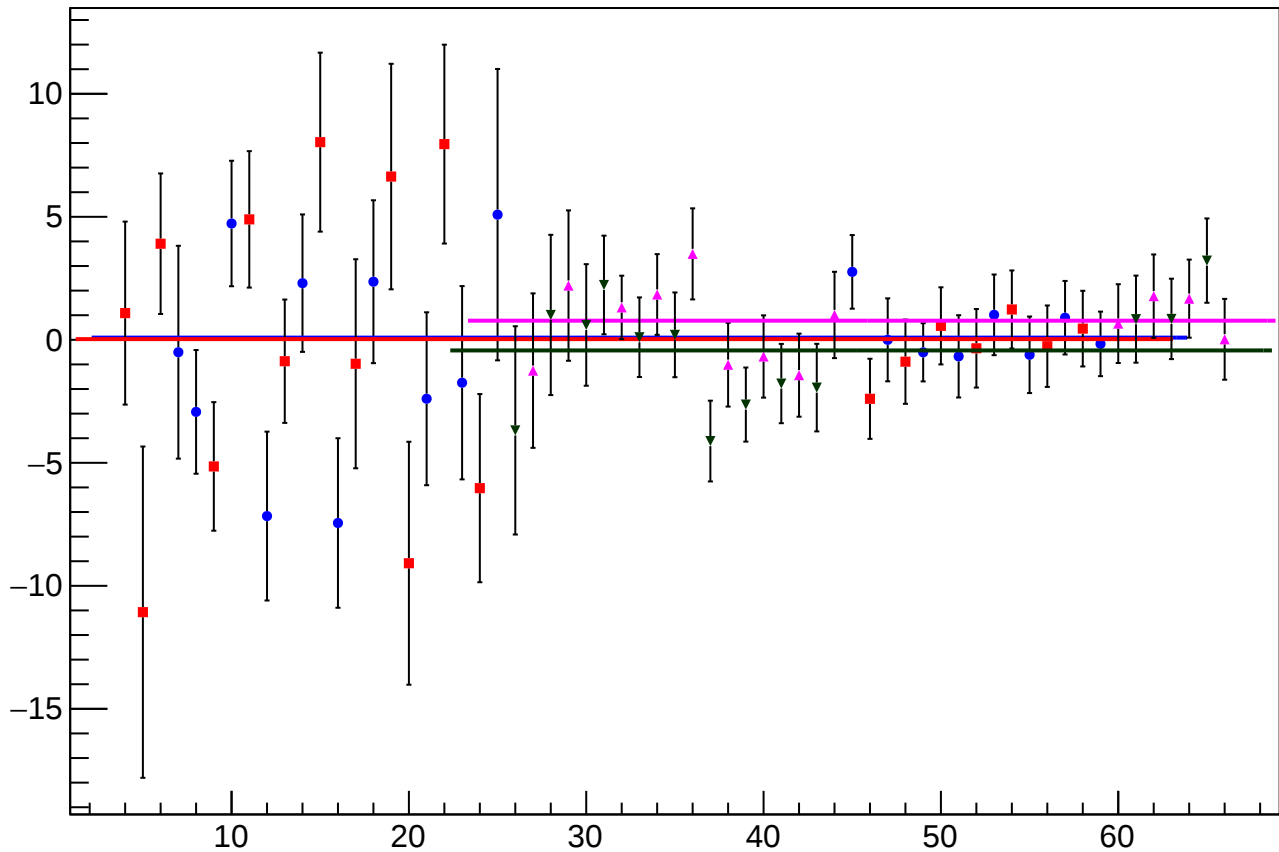
147.415 $\pm$ 0.025 χ^2 /NDF: 1855154.7/30

Right Out: 149.507 $\pm$ 0.035 χ^2 /NDF: 1490705.1/18

134.516 $\pm$ 0.024 χ^2 /NDF: 2322333.7/31

Left In: 122.236 $\pm$ 0.032 χ^2 /NDF:501719.9/12

asym_cav4bQ_mean vs slug



Right In: 0.089+/-0.466 χ^2/NDF : 21.1/17

Left Out: -0.432+/-0.511 χ^2/NDF : 17.2/12

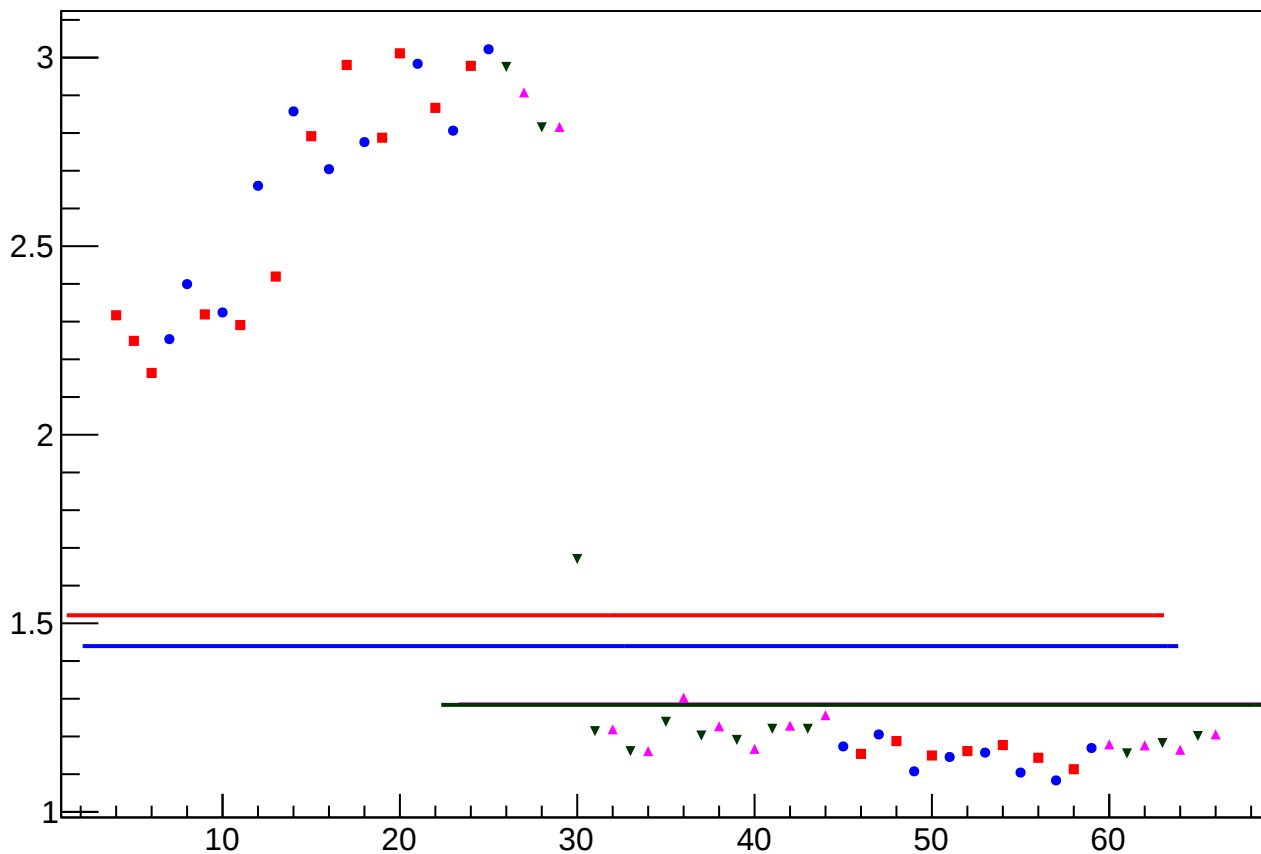
Right Out: 0.028+/-0.520 χ^2/NDF : 31.9/18

Left In: 0.777+/-0.479 χ^2/NDF : 7.9/12

-0.147+/-0.344 χ^2/NDF : 38.9/30

0.433+/-0.352 χ^2/NDF : 40.9/31

asym_cav4bQ_rms vs slug



Right In: 1.440 $\pm$ 0.000 χ^2 /NDF: 3409388.4/17

Left Out: 1.284 $\pm$ 0.000 χ^2 /NDF:866752.6/12

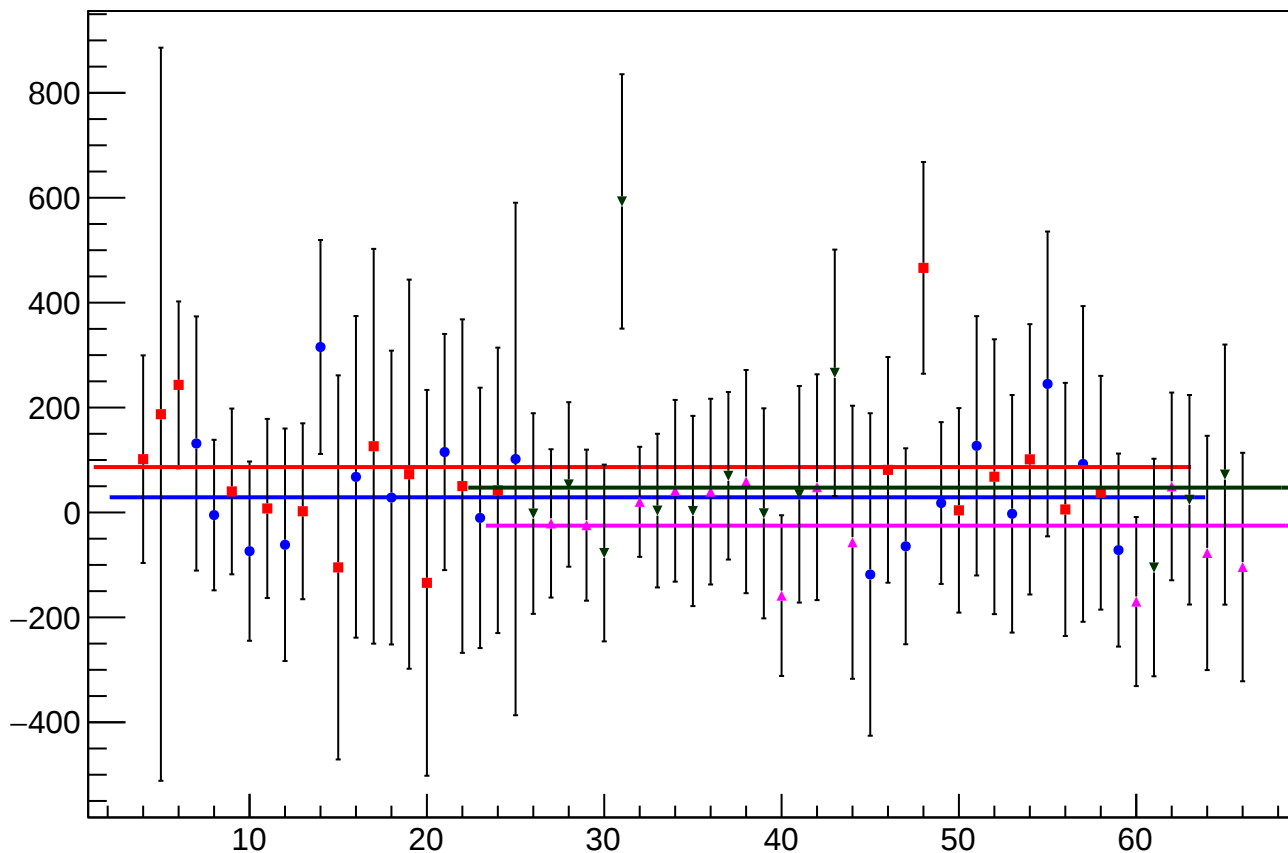
Right Out: 1.521 $\pm$ 0.000 χ^2 /NDF: 2870549.2/18

Left In: 1.285 $\pm$ 0.000 χ^2 /NDF:1101079.0/12

1.369 $\pm$ 0.000 χ^2 /NDF: 4377706.4/30

1.394 $\pm$ 0.000 χ^2 /NDF: 4195084.7/31

asym_cav4cQ_mean vs slug



Right In: 28.930 $\pm$ 51.478 χ^2 /NDF: 4.5/17

Left Out: 47.349 $\pm$ 52.158 χ^2 /NDF: 7.3/12

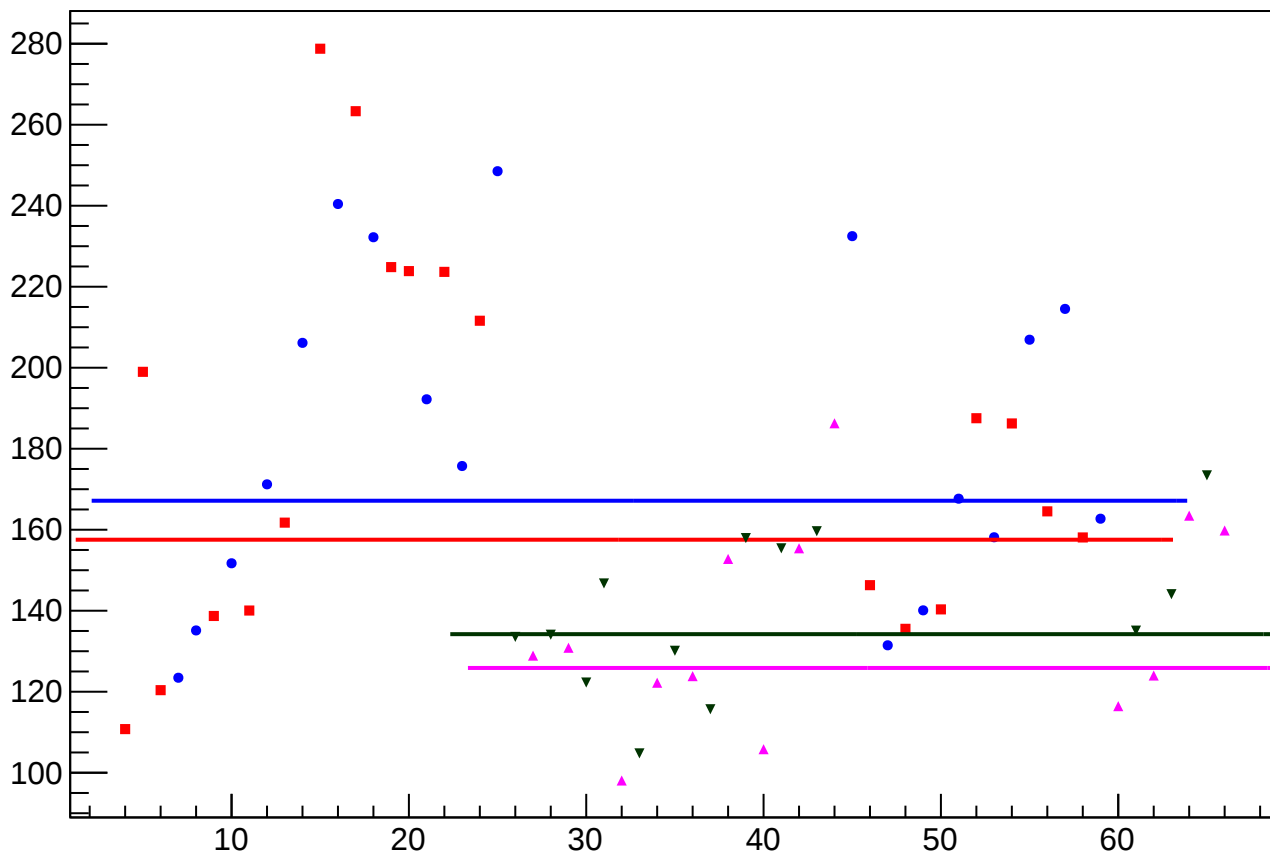
Right Out: 86.558 $\pm$ 52.059 χ^2 /NDF: 6.1/18

Left In: -25.116 $\pm$ 46.311 χ^2 /NDF: 2.7/12

38.019 $\pm$ 36.639 χ^2 /NDF: 11.9/30

24.218 $\pm$ 34.601 χ^2 /NDF: 11.4/31

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF : 875808.6/17

Left Out: 134.213+/-0.037 χ^2/NDF :251662.7/12

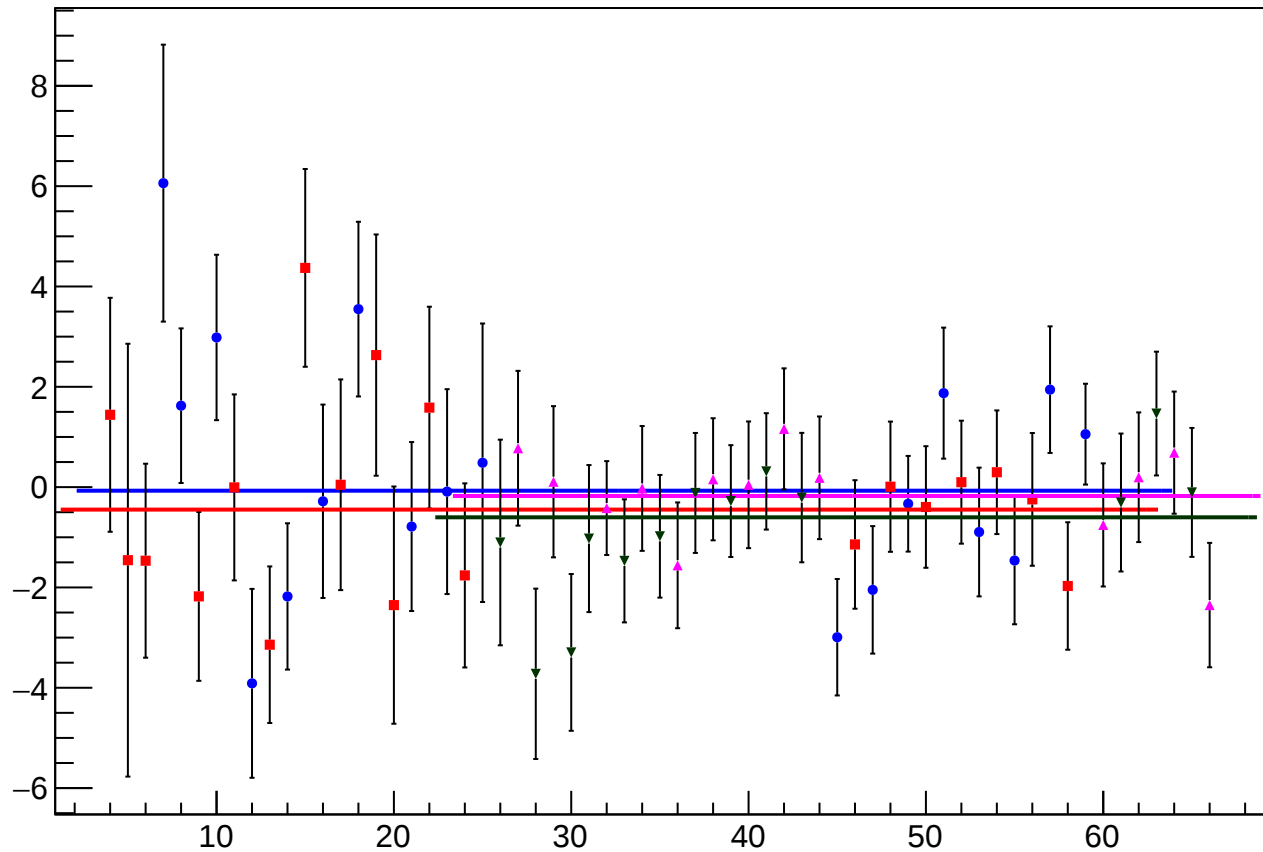
Right Out: 157.534+/-0.037 χ^2/NDF : 1049684.2/18

Left In: 125.869+/-0.033 χ^2/NDF :468850.1/12

150.902+/-0.026 χ^2/NDF : 1531701.3/30

139.858+/-0.024 χ^2/NDF : 1931614.0/31

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.602 ± 0.367 χ^2/NDF : 11.1/12

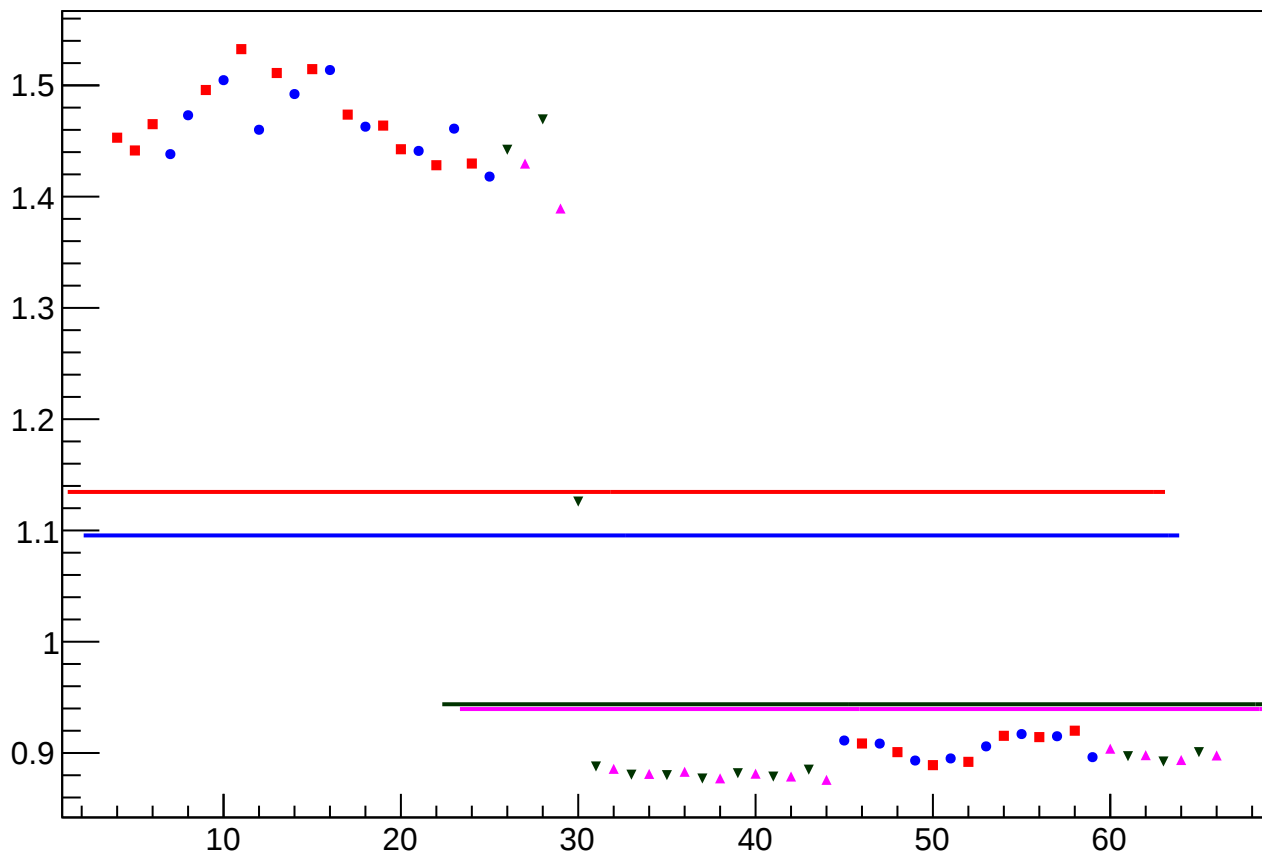
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.176 ± 0.342 χ^2/NDF : 7.0/12

-0.313 ± 0.248 χ^2/NDF : 49.0/30

-0.302 ± 0.251 χ^2/NDF : 24.7/31

asym_cav4dQ_rms vs slug



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

Left Out: 0.944+/-0.000 χ^2/NDF : 381464.1/12

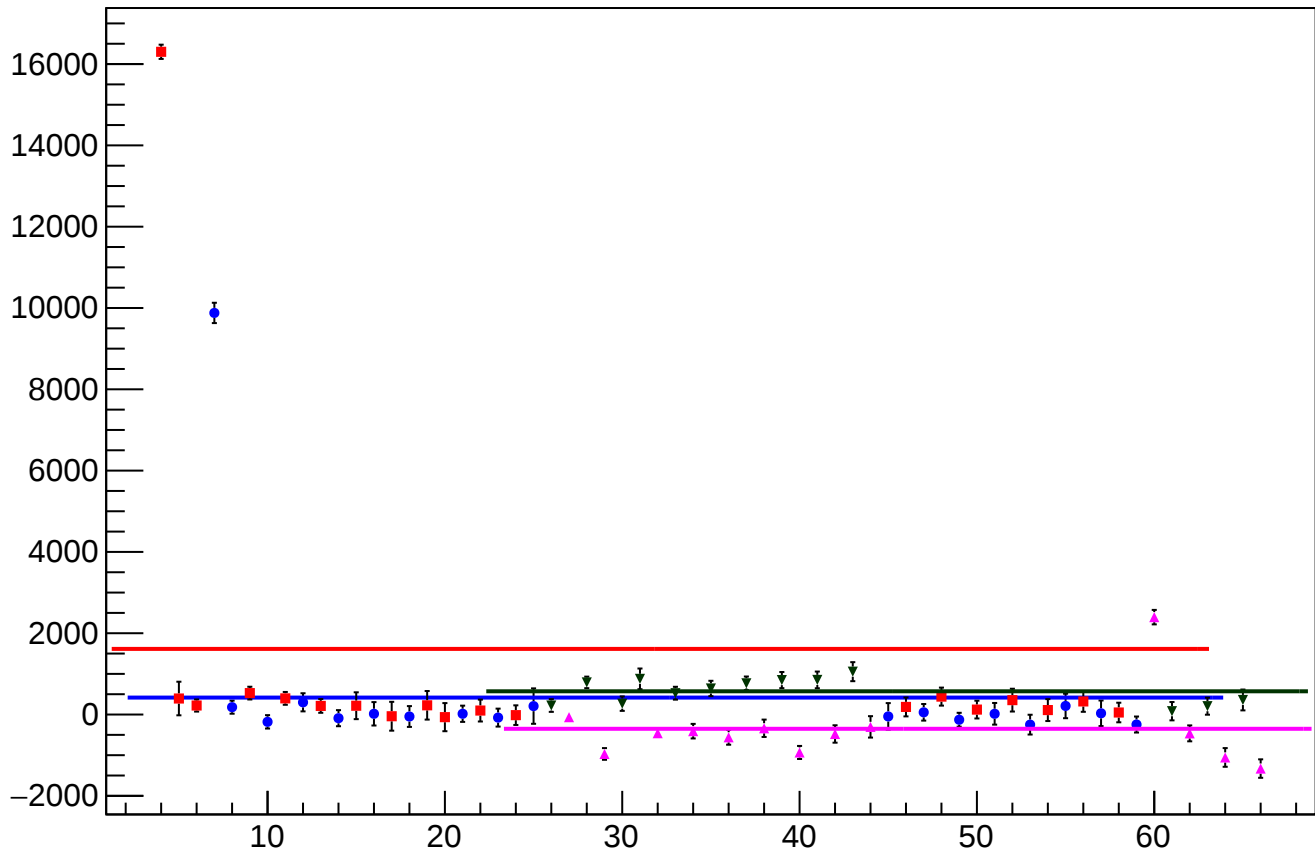
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.940+/-0.000 χ^2/NDF : 423807.3/12

1.026+/-0.000 χ^2/NDF : 1856509.3/30

1.030+/-0.000 χ^2/NDF : 1885956.4/31

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 571.750+/-52.259 χ^2/NDF : 29.8/12

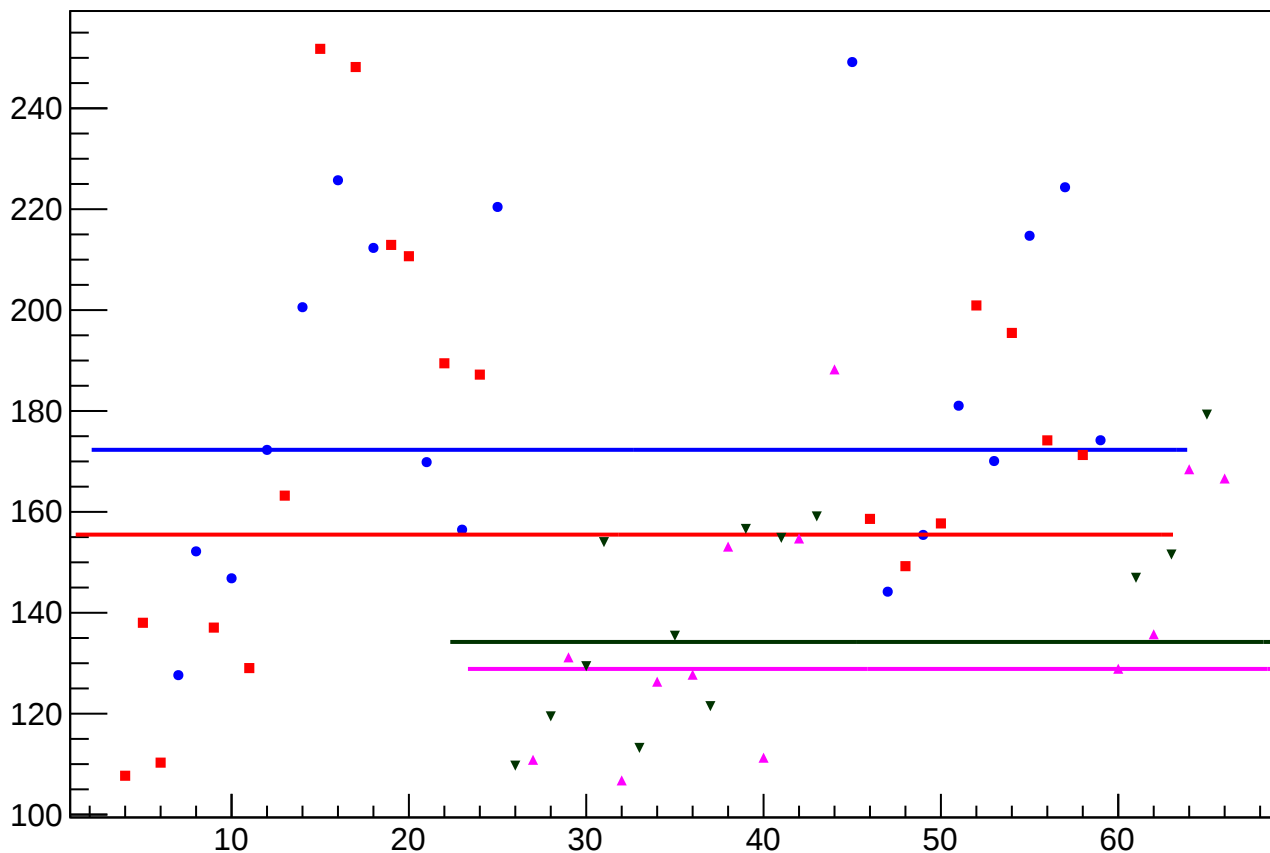
495.023+/-37.085 χ^2/NDF : 1542.1/30

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

554.538+/-34.707 χ^2/NDF : 8768.0/31

Left In: -350.685+/-47.258 χ^2/NDF : 306.2/12

asym_bcm0l02_rms vs slug



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

Left Out: 134.219+/-0.037 χ^2/NDF :281322.5/12

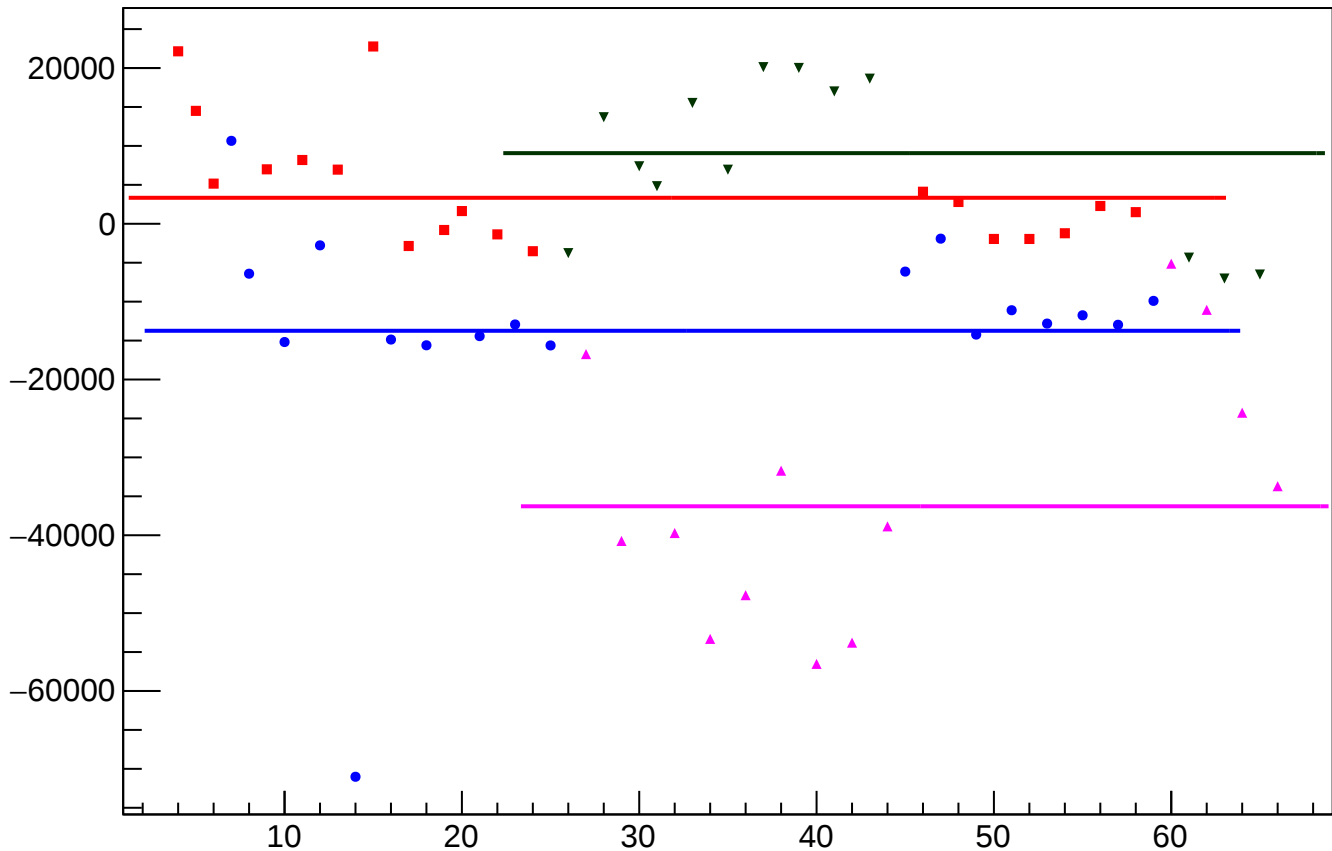
153.125+/-0.026 χ^2/NDF : 1409410.9/30

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

141.134+/-0.025 χ^2/NDF : 1729356.5/31

Left In: 128.870+/-0.033 χ^2/NDF :418219.8/12

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 9071.066+/-37.365 χ^2/NDF : 76124.8/12

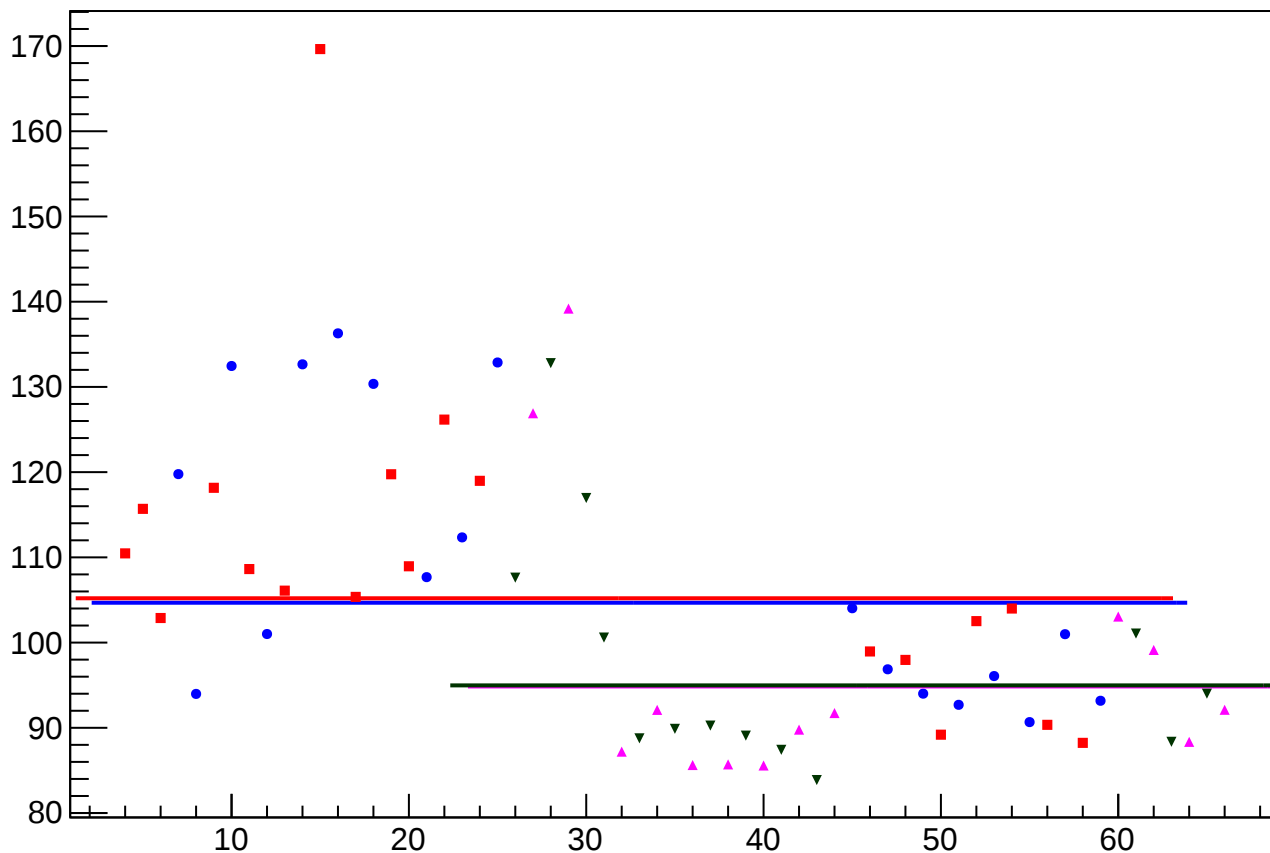
-4070.787+/-24.328 χ^2/NDF : 513049.8/30

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

-15943.706+/-24.544 χ^2/NDF : 862871.1/31

Left In: -36281.145+/-35.182 χ^2/NDF : 180527.4/12

asym_bpm2i01WS_rms vs slug



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

Left Out: 94.978 $\pm$ 0.026 χ^2 /NDF:209696.9/12

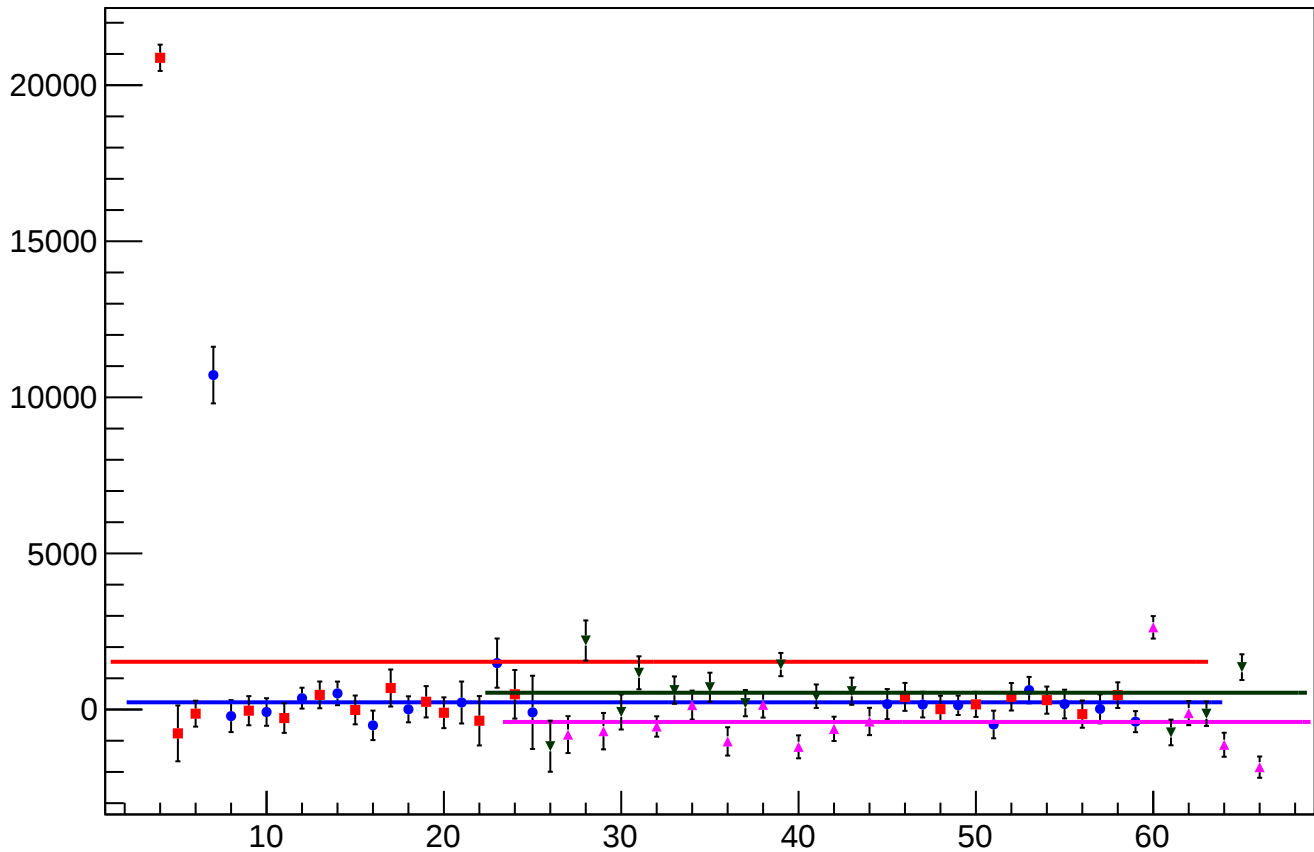
Right Out: 105.200 $\pm$ 0.024 χ^2 /NDF: 336723.5/18

Left In: 94.848 $\pm$ 0.025 χ^2 /NDF:329431.2/12

100.565 $\pm$ 0.017 χ^2 /NDF: 719074.6/30

100.162 $\pm$ 0.017 χ^2 /NDF: 755044.7/31

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 537.737+/-124.946 χ^2/NDF : 37.1/12

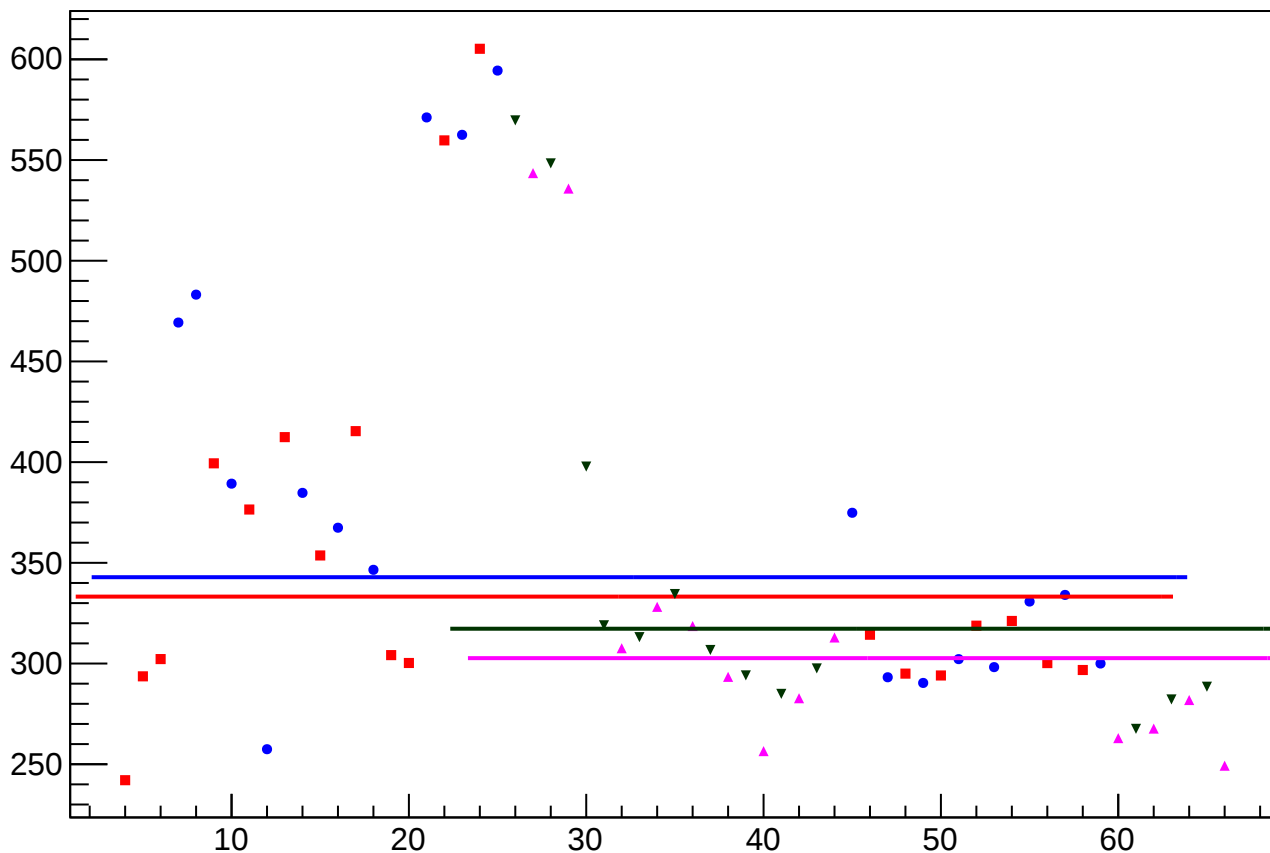
358.273+/-80.490 χ^2/NDF : 188.6/30

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

592.286+/-78.105 χ^2/NDF : 2530.2/31

Left In: -398.191+/-112.029 χ^2/NDF : 104.1/12

asym_bpm0i07WS_rms vs slug



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

Left Out: 317.280 $\pm$ 0.088 χ^2 /NDF: 574781.6/12

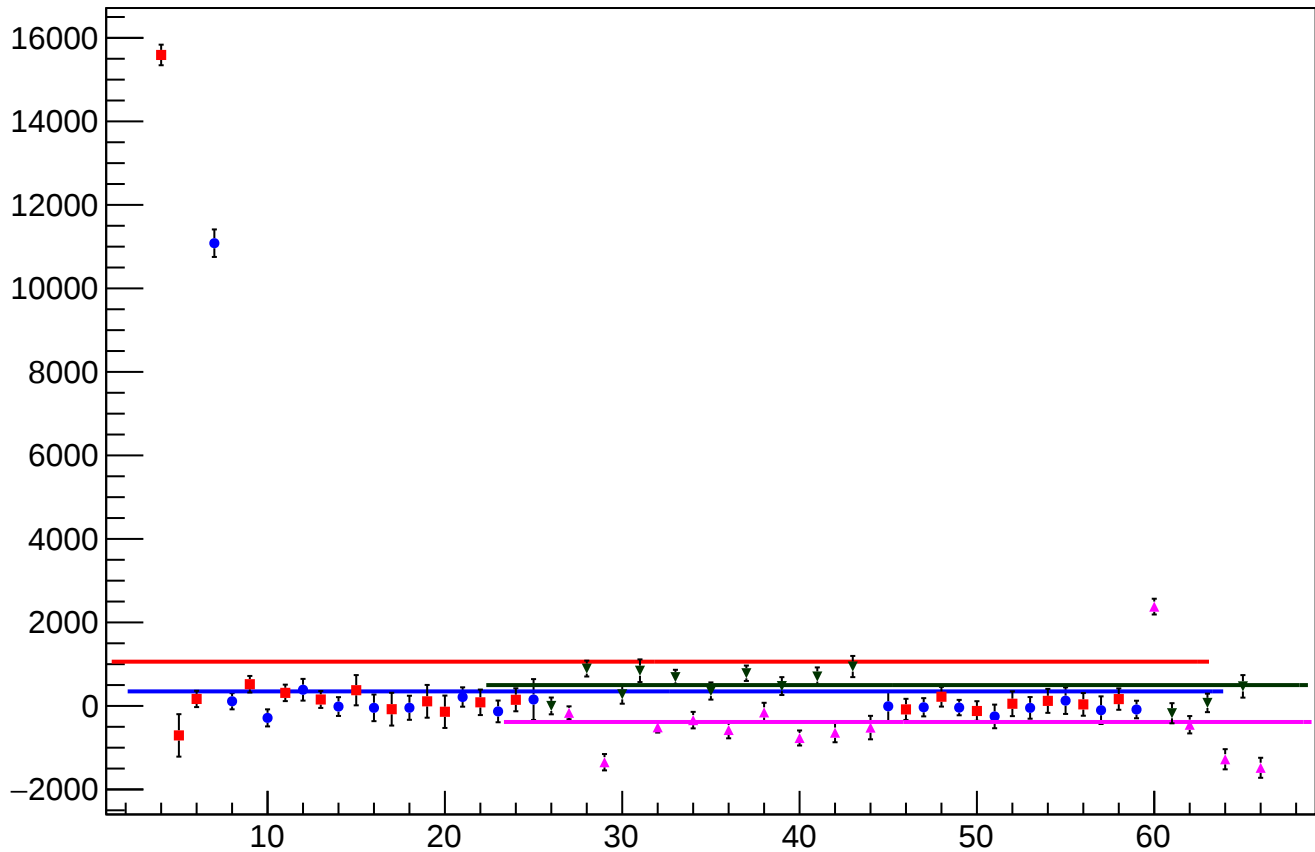
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 302.673 $\pm$ 0.079 χ^2 /NDF: 794521.9/12

332.248 $\pm$ 0.057 χ^2 /NDF: 1642463.3/30

318.378 $\pm$ 0.055 χ^2 /NDF: 1639926.8/31

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF : 1103.2/17

Left Out: 499.208+/-59.706 χ^2/NDF : 32.6/12

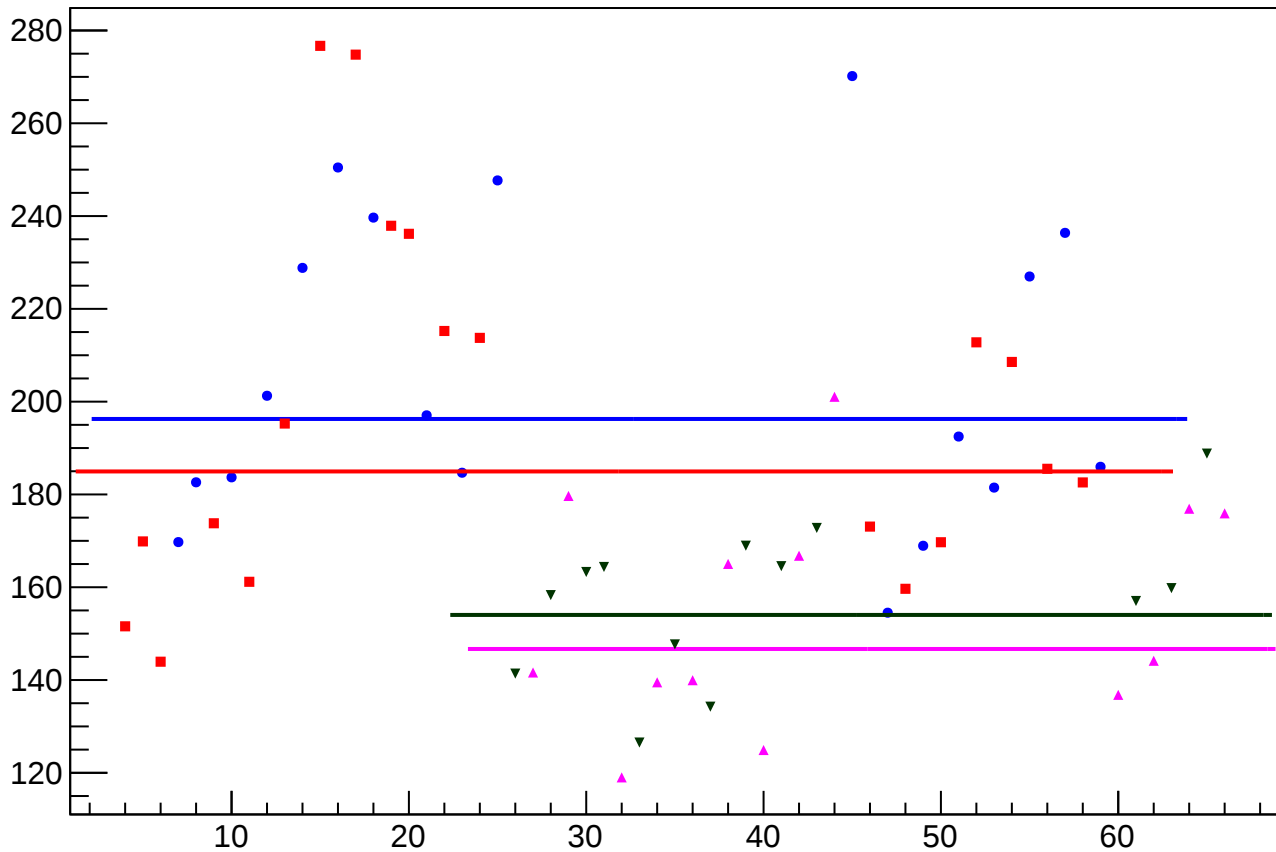
423.624+/-42.197 χ^2/NDF : 1139.0/30

Right Out: 1059.962+/-60.034 χ^2/NDF : 3708.7/18

256.323+/-39.985 χ^2/NDF : 4314.8/31

Left In: -384.411+/-53.605 χ^2/NDF : 284.0/12

asym_bpm0l01WS_rms vs slug



Right In: 196.269 $\pm$ 0.042 χ^2 /NDF: 466122.9/17

Left Out: 154.030 $\pm$ 0.042 χ^2 /NDF:148739.0/12

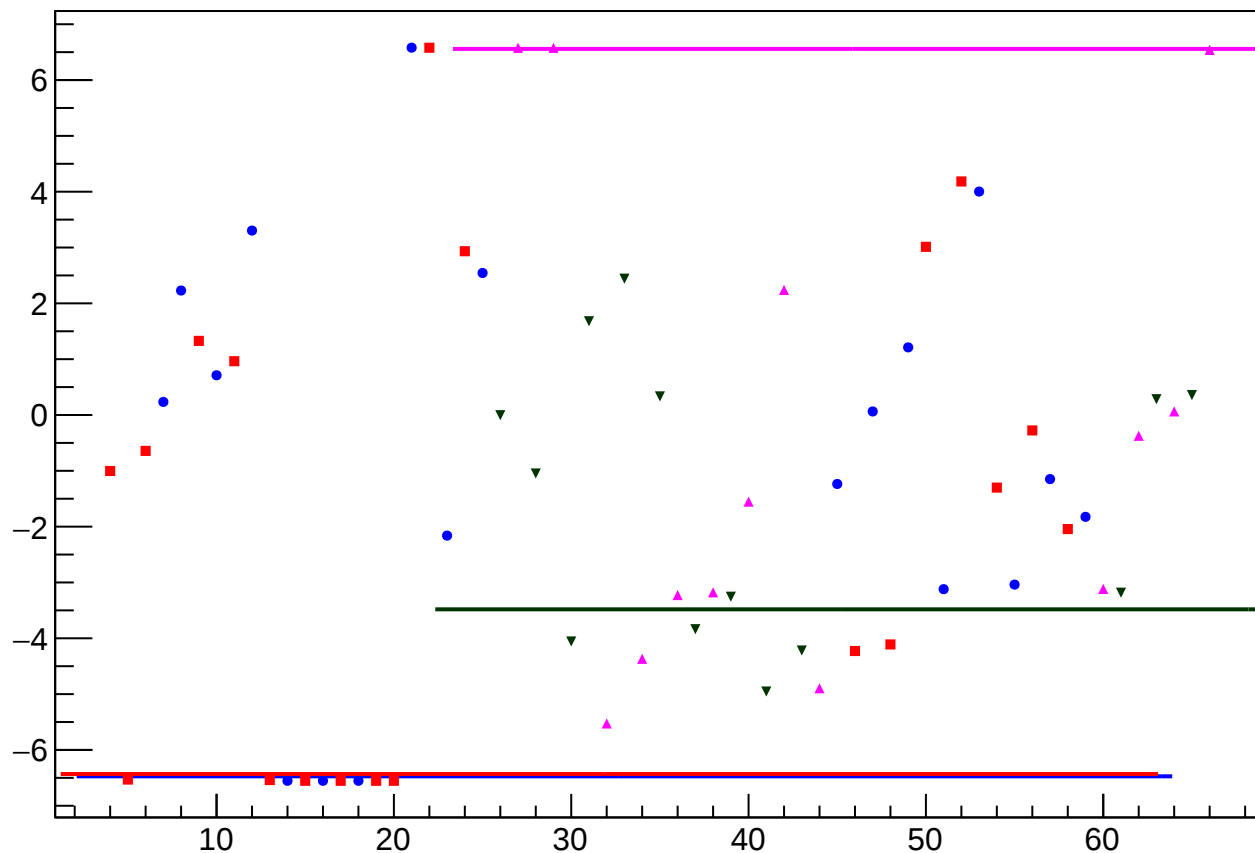
Right Out: 184.956 $\pm$ 0.042 χ^2 /NDF: 580645.4/18

Left In: 146.694 $\pm$ 0.038 χ^2 /NDF:358215.7/12

175.171 $\pm$ 0.030 χ^2 /NDF: 1115850.5/30

163.668 $\pm$ 0.028 χ^2 /NDF: 1390874.7/31

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.481+/-0.001 χ^2/NDF : 7766270.7/12

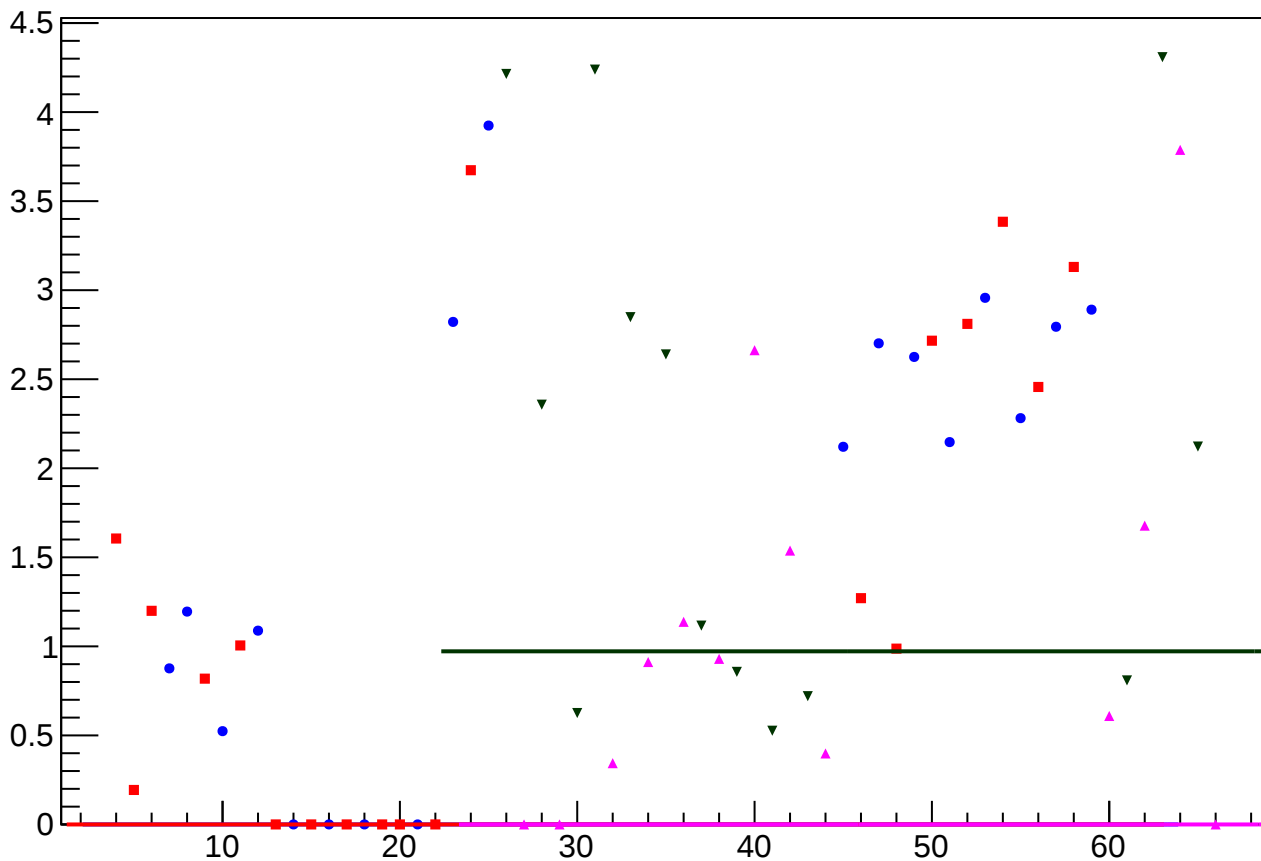
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF : 1548880927.1/12

-6.473+/-0.000 χ^2/NDF : 127847985741810.4/3

-6.196+/-0.000 χ^2/NDF : 446402669471415.1/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 0.972+/-0.000 χ^2/NDF :3390545.5/12

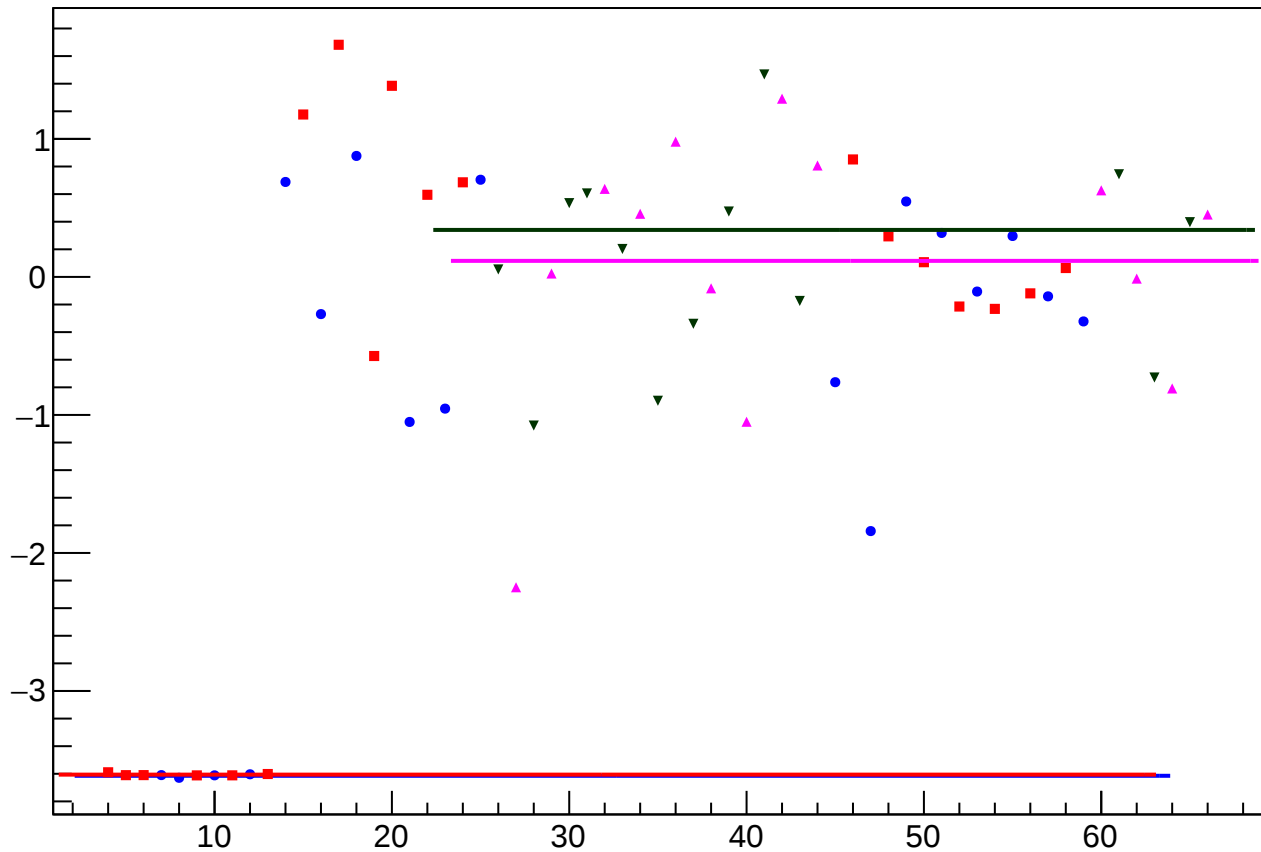
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF :7147546.2/12

0.000+/-0.000 χ^2/NDF : 21355373.6/30

0.000+/-0.000 χ^2/NDF : 16774169.9/31

yield_cav4bY_mean vs slug



Right In: -3.614 ± 0.000 $\chi^2/\text{NDF}: 49086055221.8/17$

Left Out: 0.341 ± 0.000 $\chi^2/\text{NDF}: 7050744.3/12$

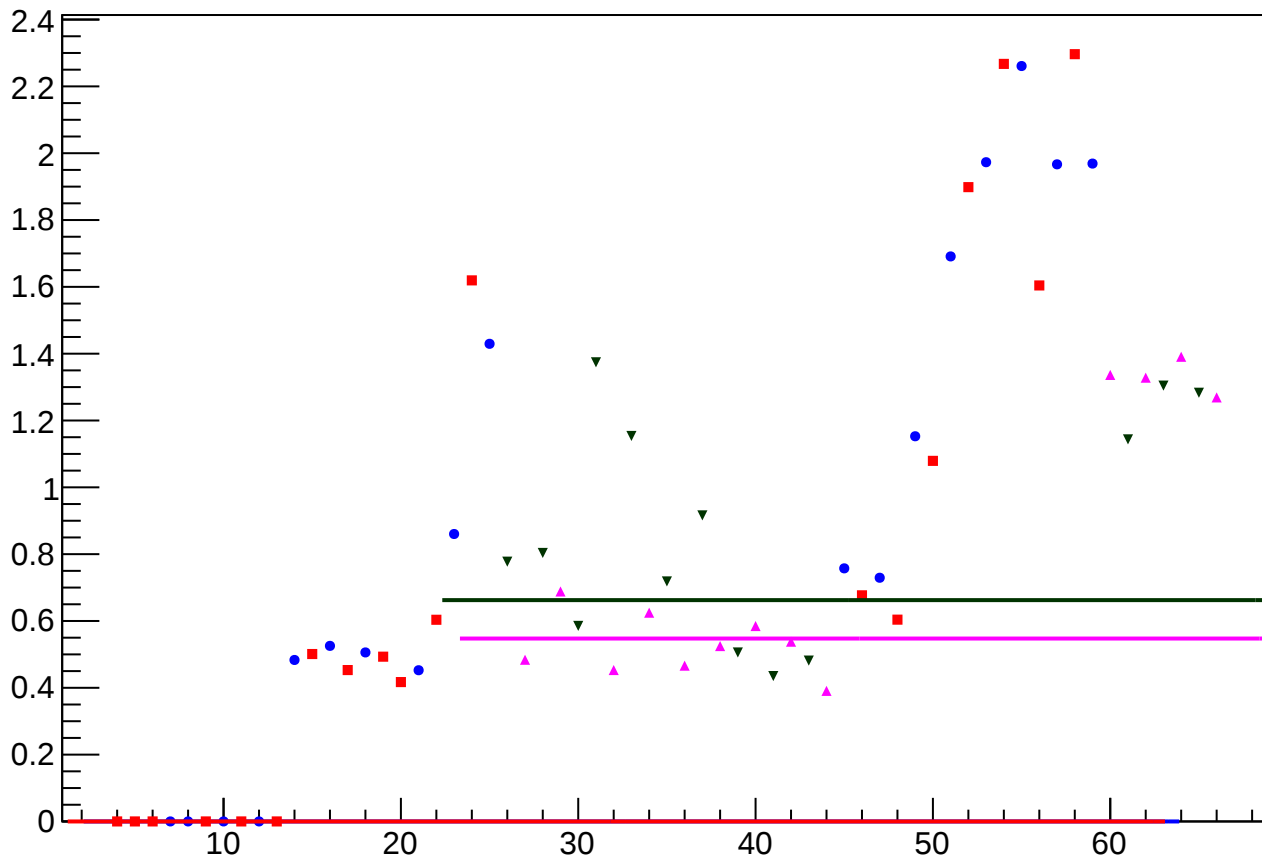
-3.614 ± 0.000 $\chi^2/\text{NDF}: 49252808559.4/30$

Right Out: -3.606 ± 0.000 $\chi^2/\text{NDF}: 37792758949.6/18$

-3.606 ± 0.000 $\chi^2/\text{NDF}: 38047571209.8/31$

Left In: 0.116 ± 0.000 $\chi^2/\text{NDF}: 20455605.1/12$

yield_cav4bY_rms vs slug



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

Left Out: 0.662+/-0.000 χ^2/NDF :1437501.4/12

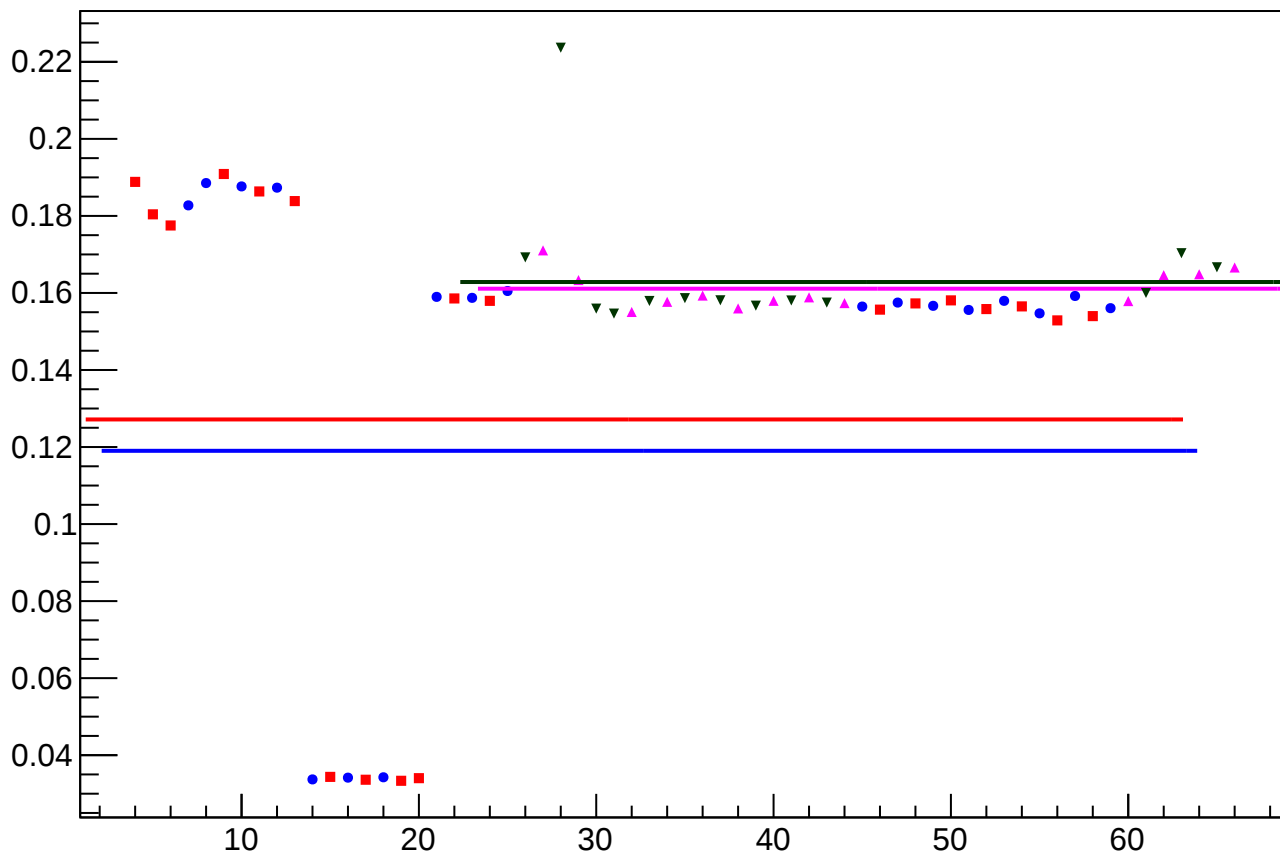
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.547+/-0.000 χ^2/NDF :1652869.8/12

0.000+/-0.000 χ^2/NDF : 24176235.7/30

0.000+/-0.000 χ^2/NDF : 22319861.4/31

yield_cav4cX_mean vs slug



Right In: 0.119 $\pm$ 0.000 χ^2 /NDF: 4974475463.8/17

Left Out: 0.163 $\pm$ 0.000 χ^2 /NDF:102321756.7/12

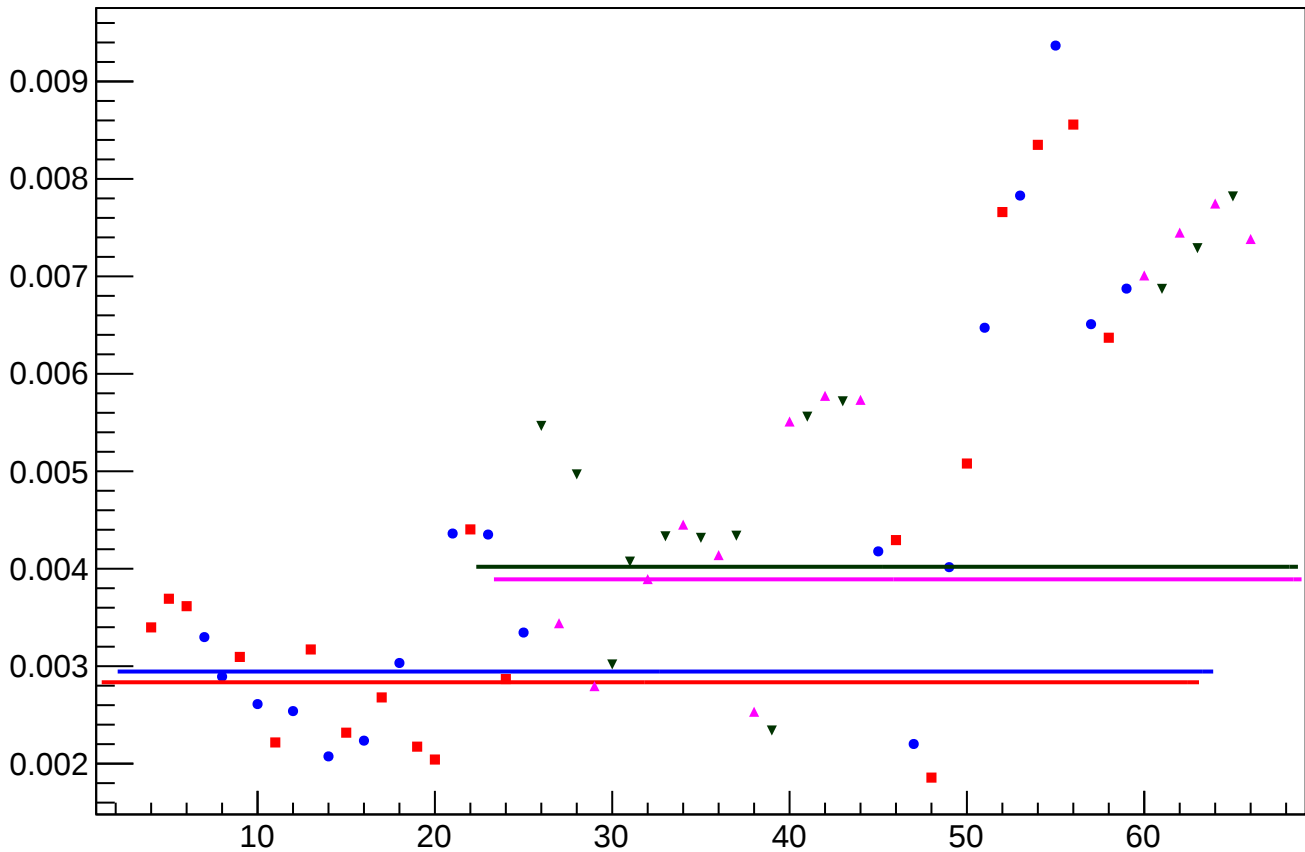
Right Out: 0.127 $\pm$ 0.000 χ^2 /NDF: 4426693928.8/18

Left In: 0.161 $\pm$ 0.000 χ^2 /NDF:12304889.7/12

0.130 $\pm$ 0.000 χ^2 /NDF: 5581241011.6/30

0.137 $\pm$ 0.000 χ^2 /NDF: 4782004207.3/31

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 :1495472.9/12

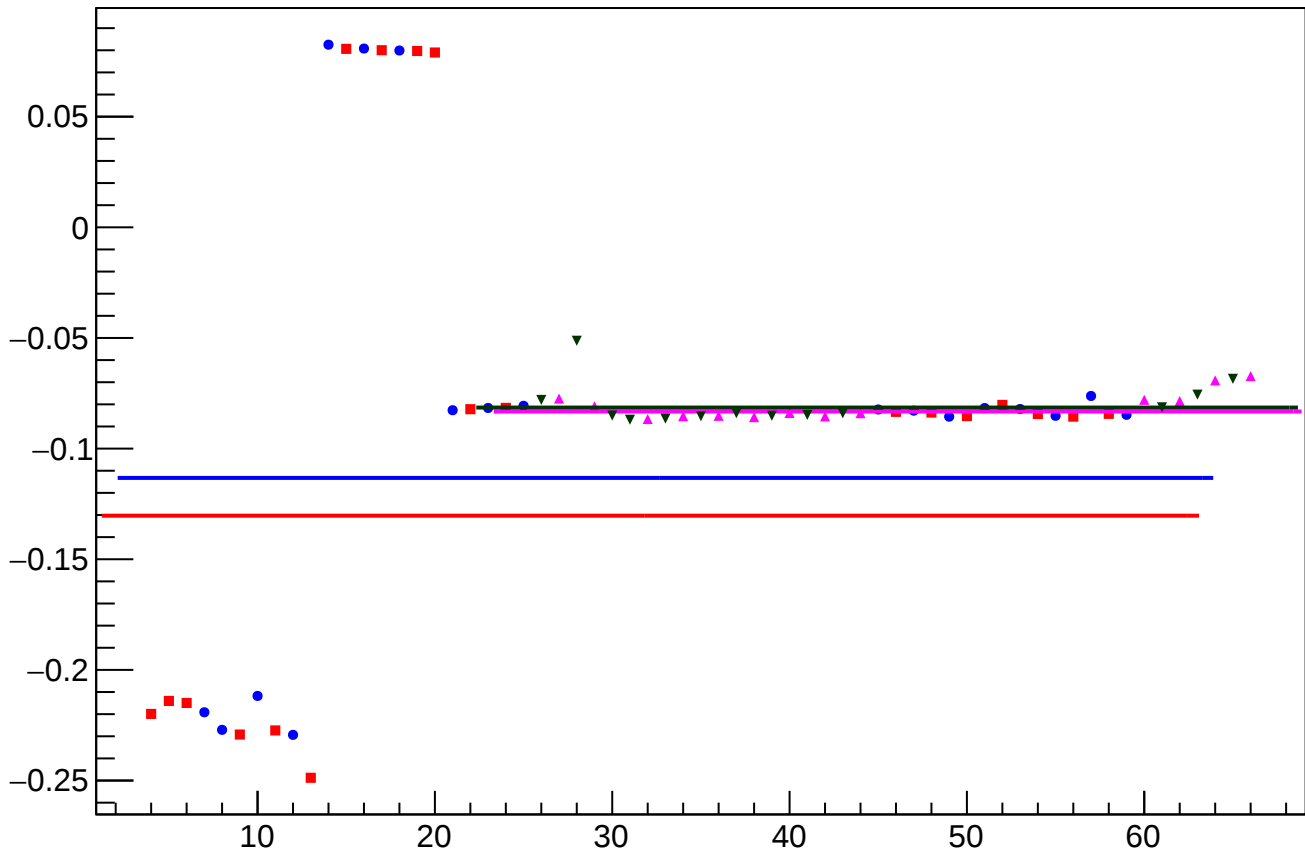
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1727395.9/12

0.003+/-0.000 χ^2/NDF : 5087792.7/30

0.003+/-0.000 χ^2/NDF : 5088698.2/31

yield_cav4cY_mean vs slug



Right In: -0.113 ± 0.000 χ^2/NDF : 9694608559.9/17

Left Out: -0.081 ± 0.000 χ^2/NDF : 36827979.4/12

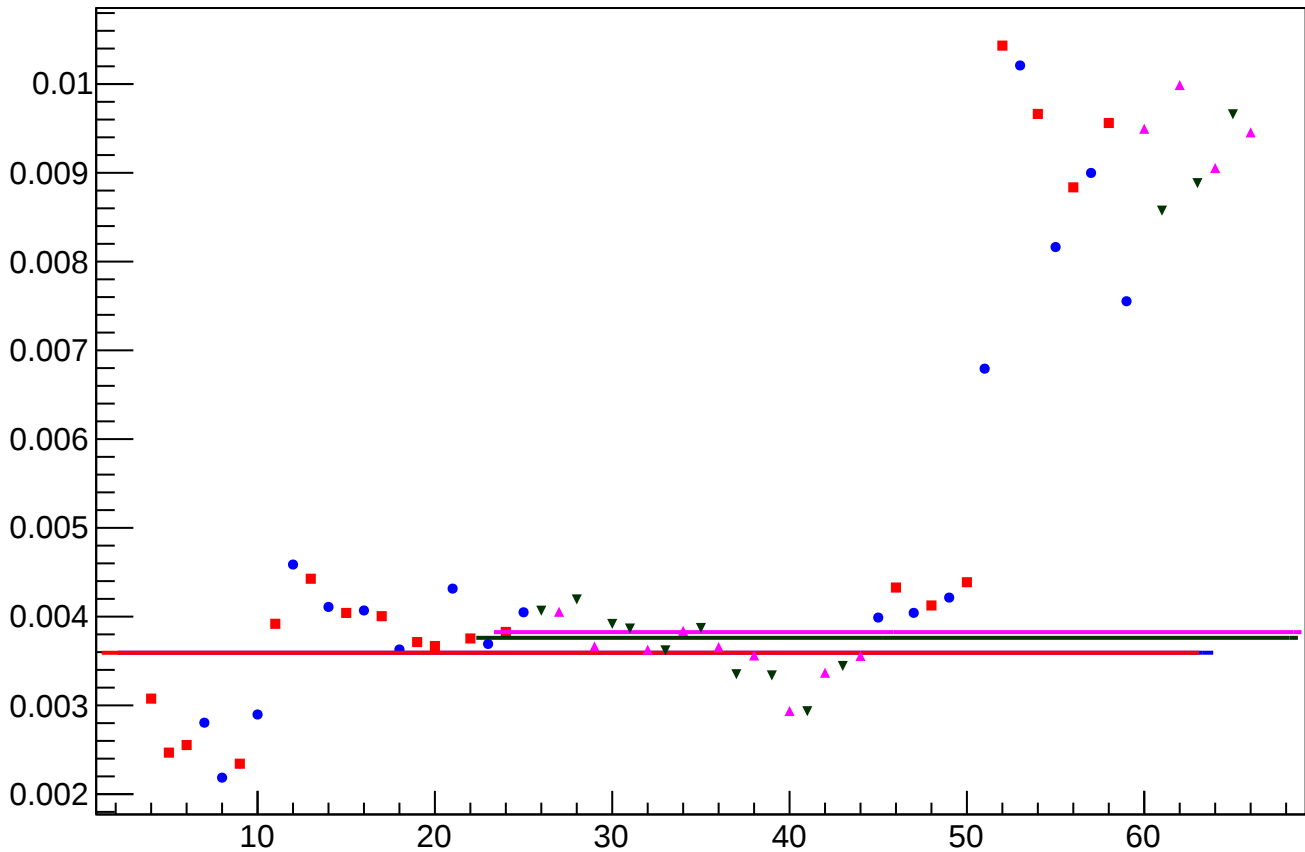
-0.102 ± 0.000 χ^2/NDF : 9996160435.7/30

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

-0.111 ± 0.000 χ^2/NDF : 9452750062.0/31

Left In: -0.083 ± 0.000 χ^2/NDF : 6293506.4/12

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 :995806.2/12

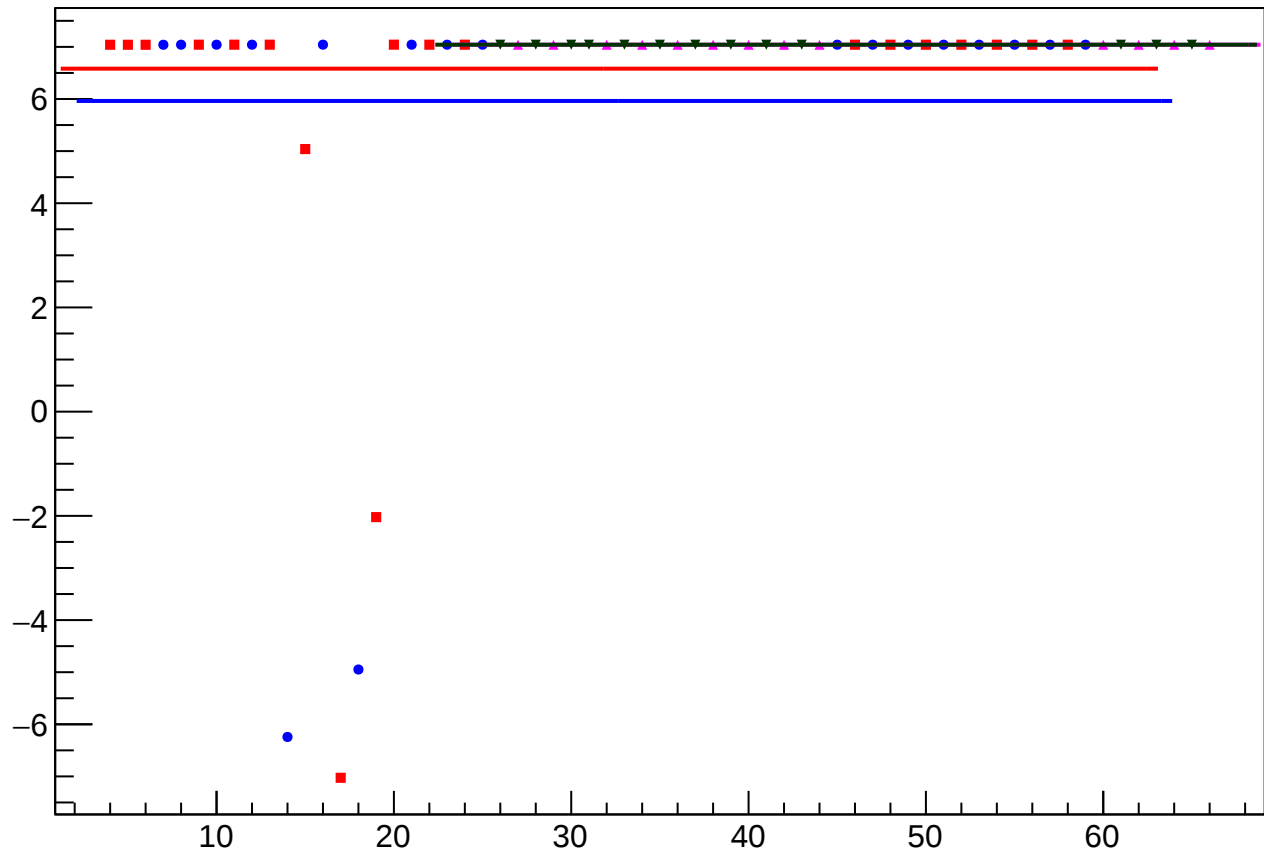
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :1356160.4/12

0.004+/-0.000 χ^2/NDF : 3646946.5/30

0.004+/-0.000 χ^2/NDF : 3609754.0/31

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: 4441180.9/12

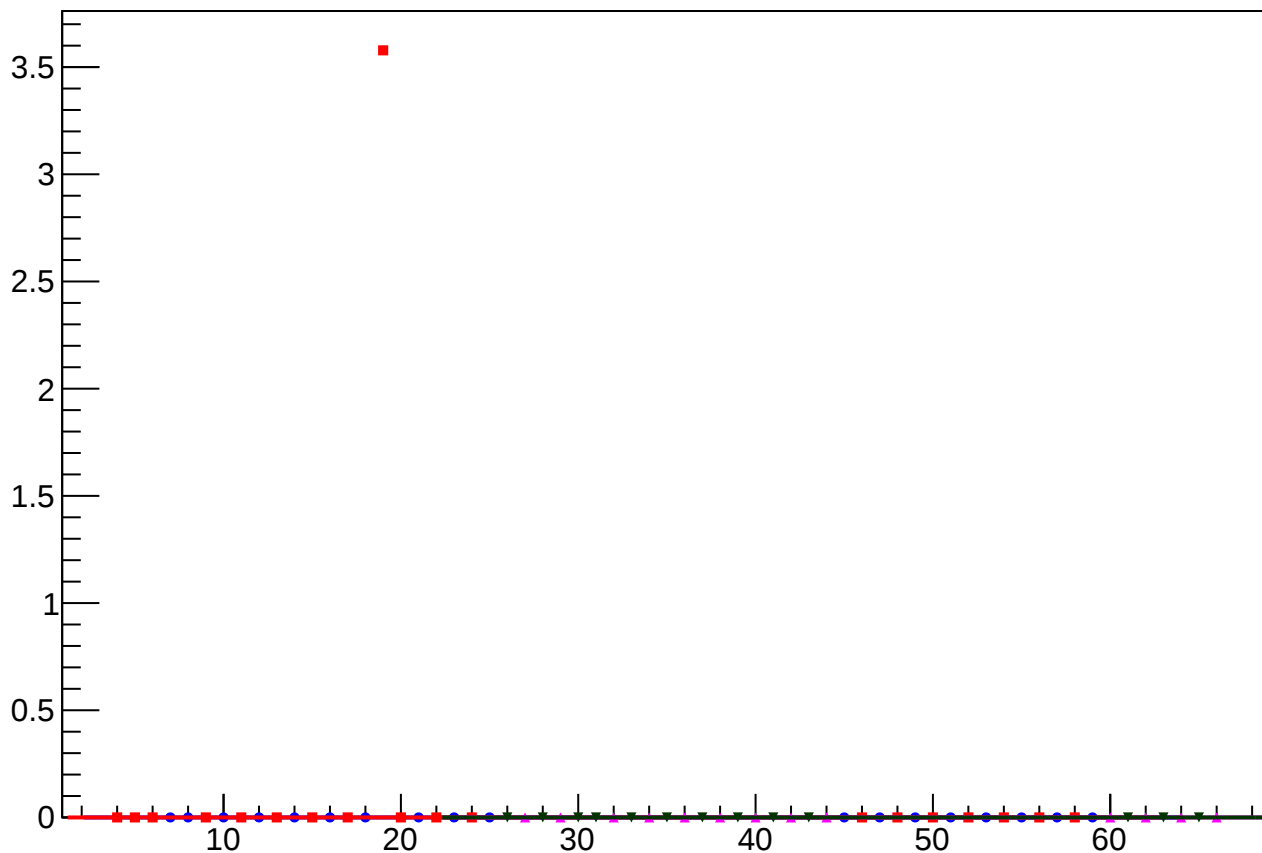
Right Out: 6.582 $\pm$ 0.000 χ^2 /NDF: 1856853993700647.2/18

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 5540761.2/12

6.413 $\pm$ 0.000 χ^2 /NDF: 4789775454704402.0/3

6.808 $\pm$ 0.000 χ^2 /NDF: 1888566010190810.0/3

yield_cav4dX_rms vs slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :1664.6/12

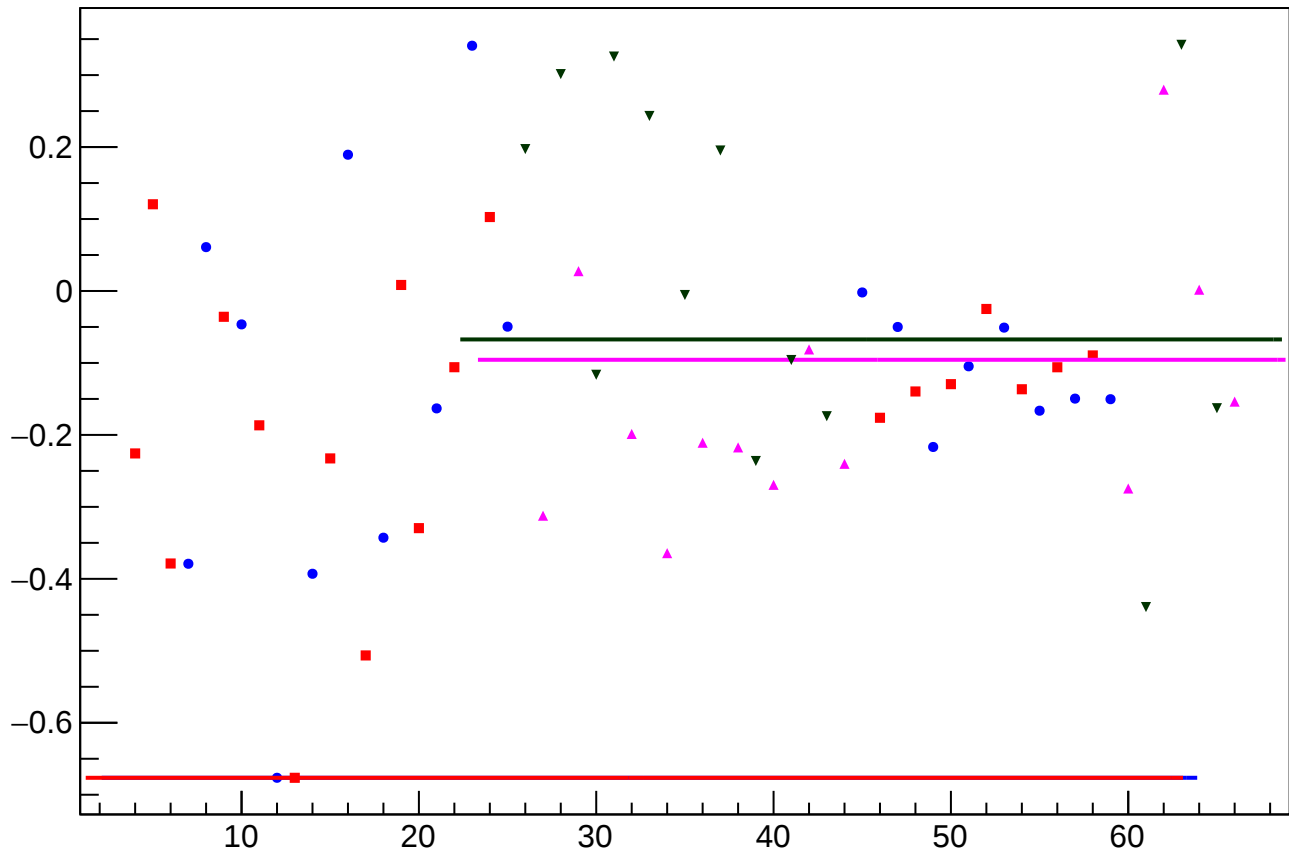
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF :2024.7/12

0.000+/-0.000 χ^2/NDF : 7393.9/30

0.000+/-0.000 χ^2/NDF : 702945.9/31

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.067+/-0.000 χ^2/NDF : 27464524.9/12

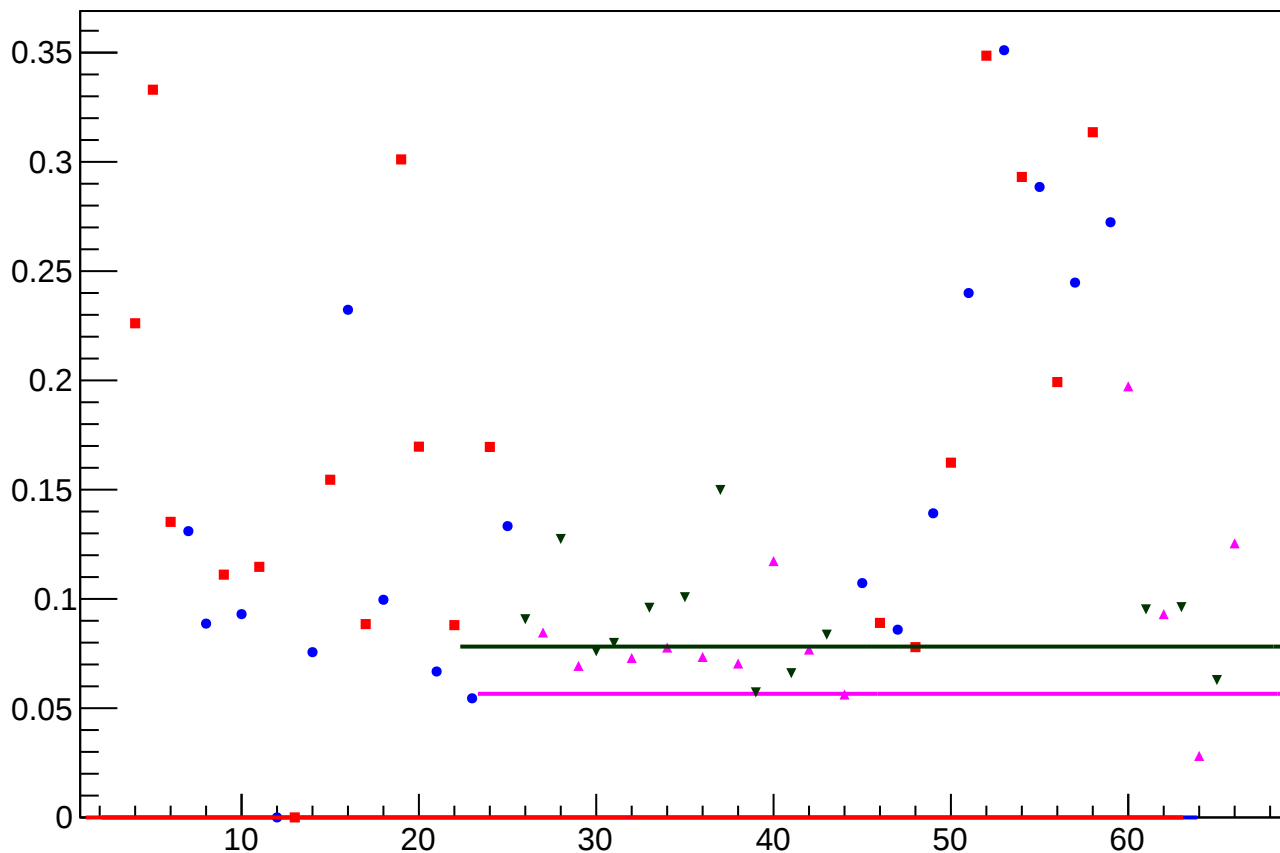
Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

Left In: -0.096+/-0.000 χ^2/NDF : 23759817.5/12

-0.676+/-0.000 χ^2/NDF : 522341239.2/30

-0.676+/-0.000 χ^2/NDF : 543872770.9/31

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.078+/-0.000 χ^2/NDF : 532759.4/12

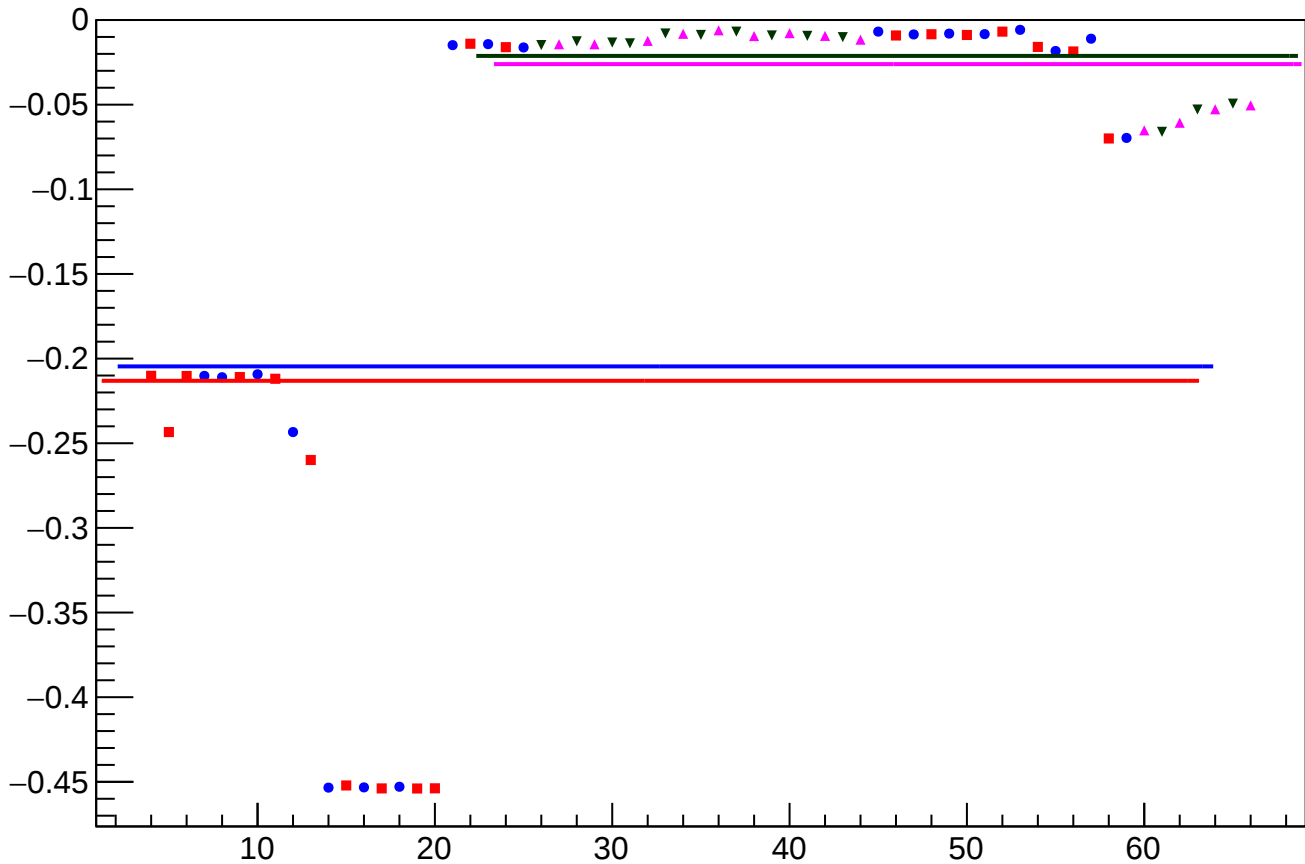
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.057+/-0.000 χ^2/NDF : 2040186.9/12

0.000+/-0.000 χ^2/NDF : 24248709.7/30

0.000+/-0.000 χ^2/NDF : 23732723.8/31

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.021+/-0.000 χ^2/NDF : 28449495.9/12

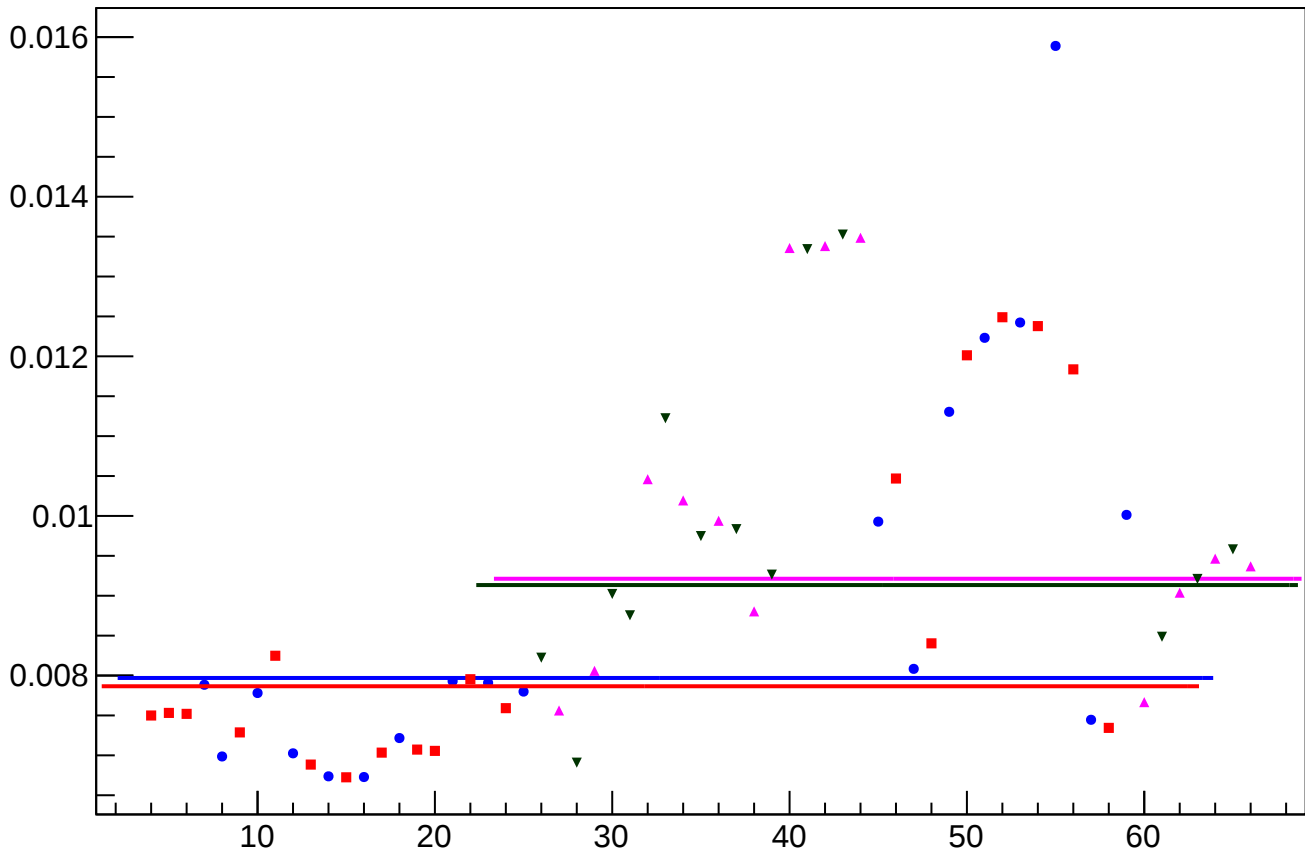
-0.147+/-0.000 χ^2/NDF : 7345790715.6/30

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.146+/-0.000 χ^2/NDF : 6123201160.5/31

Left In: -0.026+/-0.000 χ^2/NDF : 41407946.4/12

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 : 417395.7/12

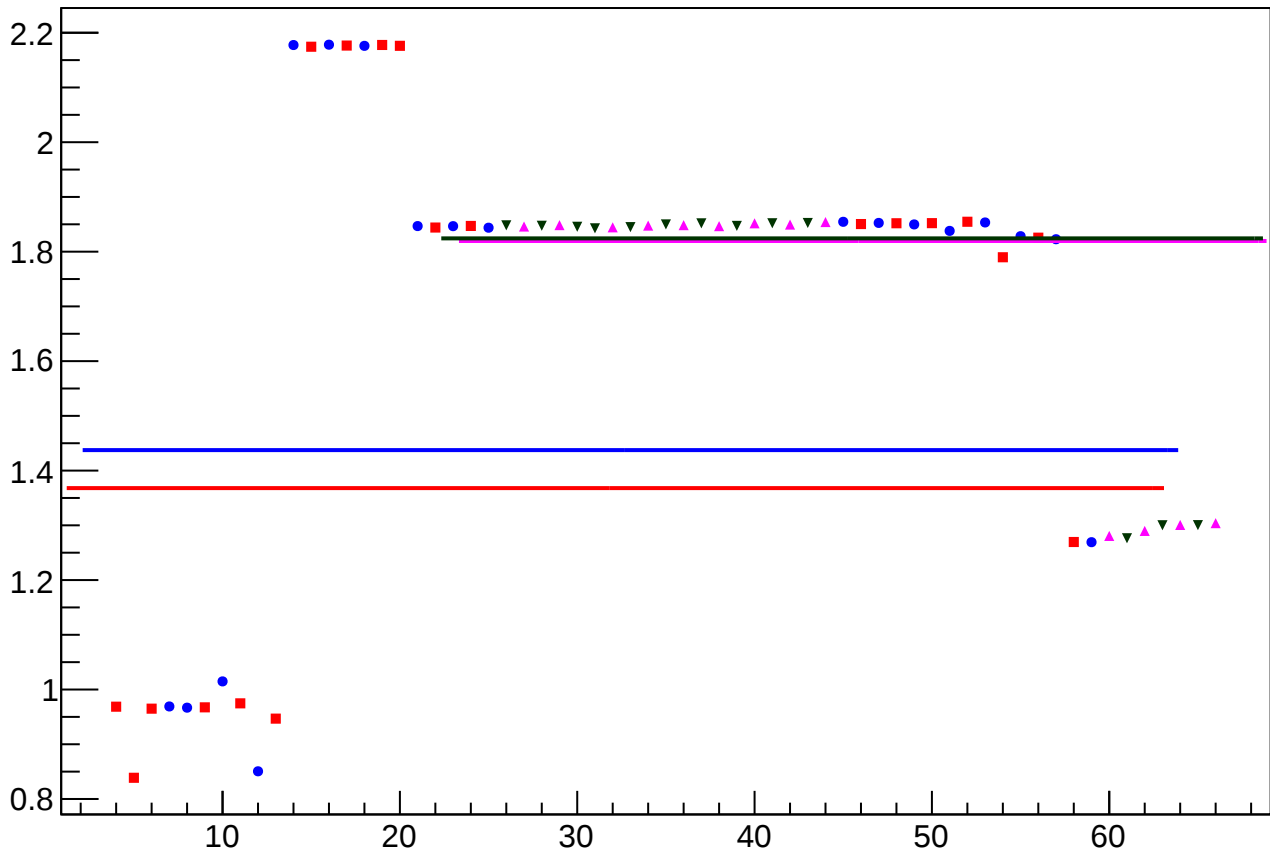
Right Out: 0.008 ± 0.000 χ^2/NDF : 696189.4/18

Left In: 0.009 ± 0.000 χ^2/NDF : 498703.3/12

0.008 ± 0.000 χ^2/NDF : 1504404.6/30

0.008 ± 0.000 χ^2/NDF : 1396060.9/31

yield_bpm4aY_mean vs slug



Right In: 1.437+/-0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.824+/-0.000 χ^2/NDF : 375167617.0/12

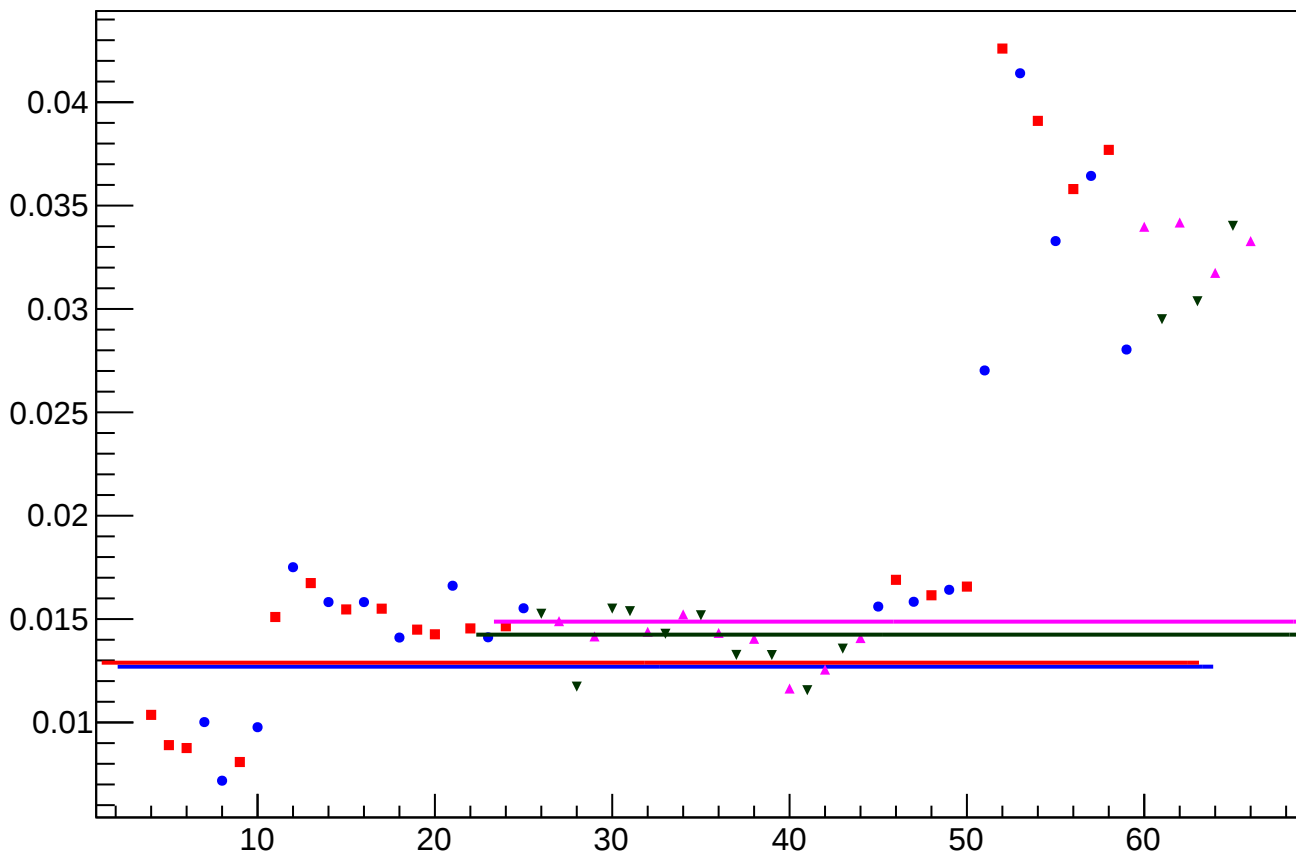
1.571+/-0.000 χ^2/NDF : 17445475439.6/30

Right Out: 1.368+/-0.000 χ^2/NDF : 12592500418.8/18

1.541+/-0.000 χ^2/NDF : 16810827821.9/31

Left In: 1.820+/-0.000 χ^2/NDF : 453122088.8/12

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 : 879097.3/12

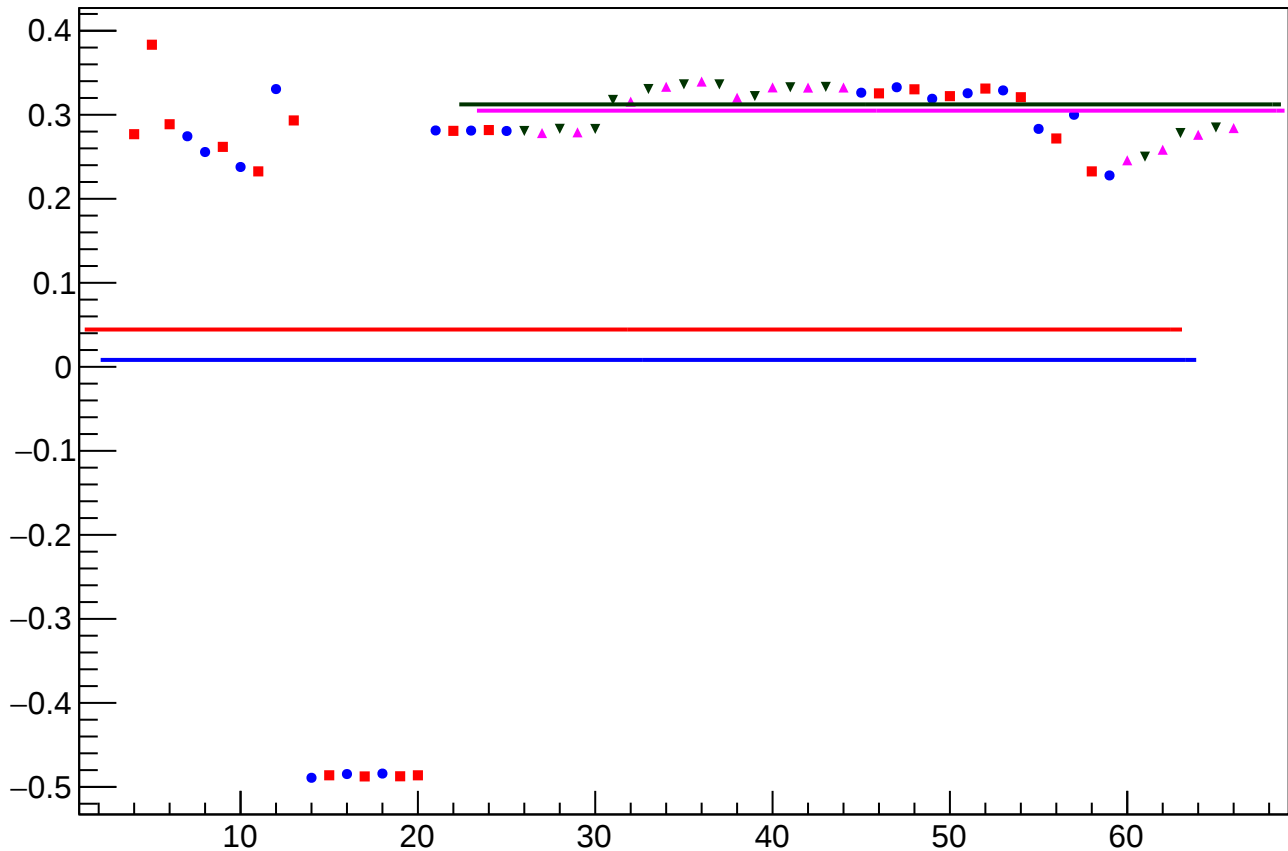
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.015+/-0.000 χ^2/NDF : 1169656.6/12

0.013+/-0.000 χ^2/NDF : 4504778.5/30

0.014+/-0.000 χ^2/NDF : 4129859.7/31

yield_bpm4eX_mean vs slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 3589016563.4/17

Left Out: 0.312 $\pm$ 0.000 χ^2 /NDF:6504022.9/12

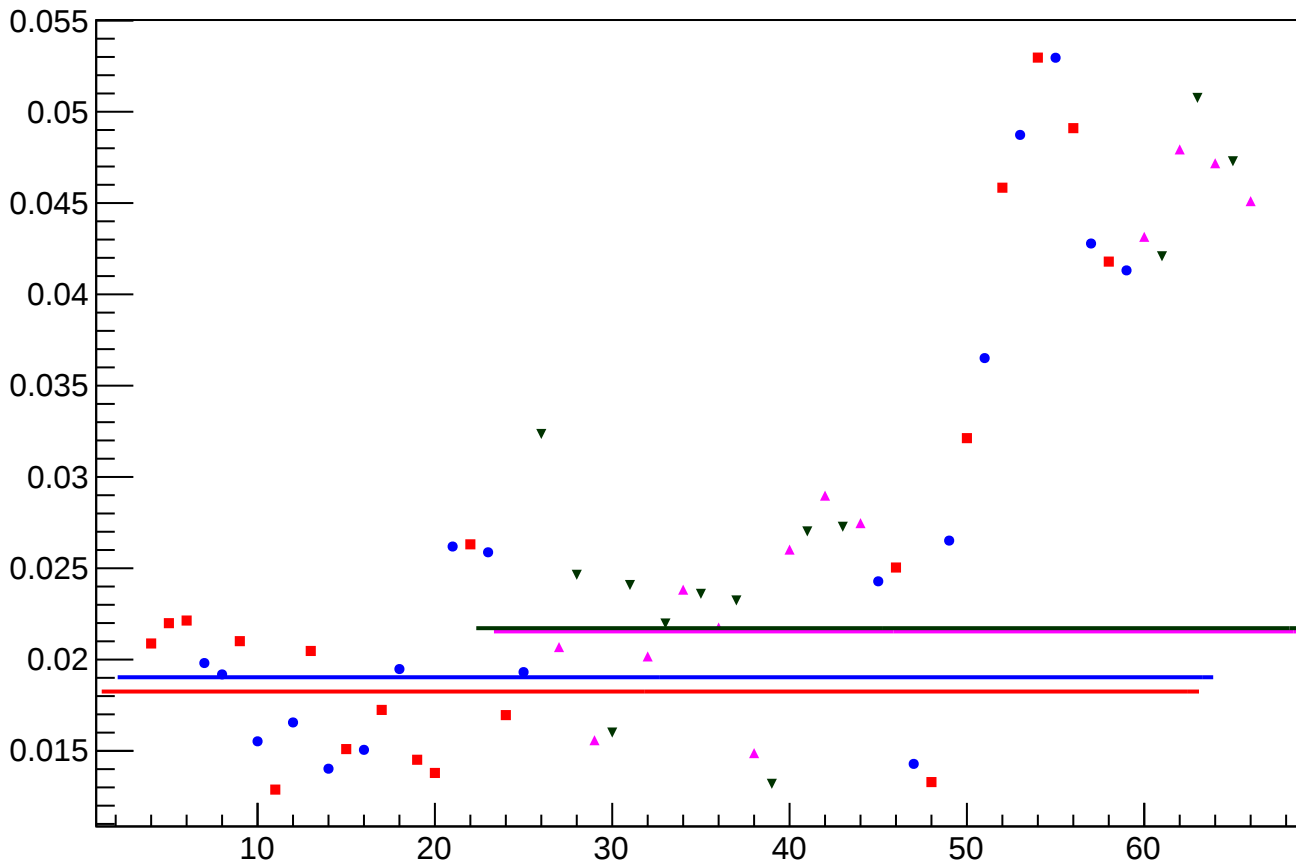
0.104 $\pm$ 0.000 χ^2 /NDF: 4349630837.4/30

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 3156873410.8/18

0.137 $\pm$ 0.000 χ^2 /NDF: 3767251856.9/31

Left In: 0.305 $\pm$ 0.000 χ^2 /NDF:9115770.4/12

yield_bpm4eX_rms vs slug



Right In: 0.019 $\pm$ 0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.022 $\pm$ 0.000 χ^2/NDF :1564944.1/12

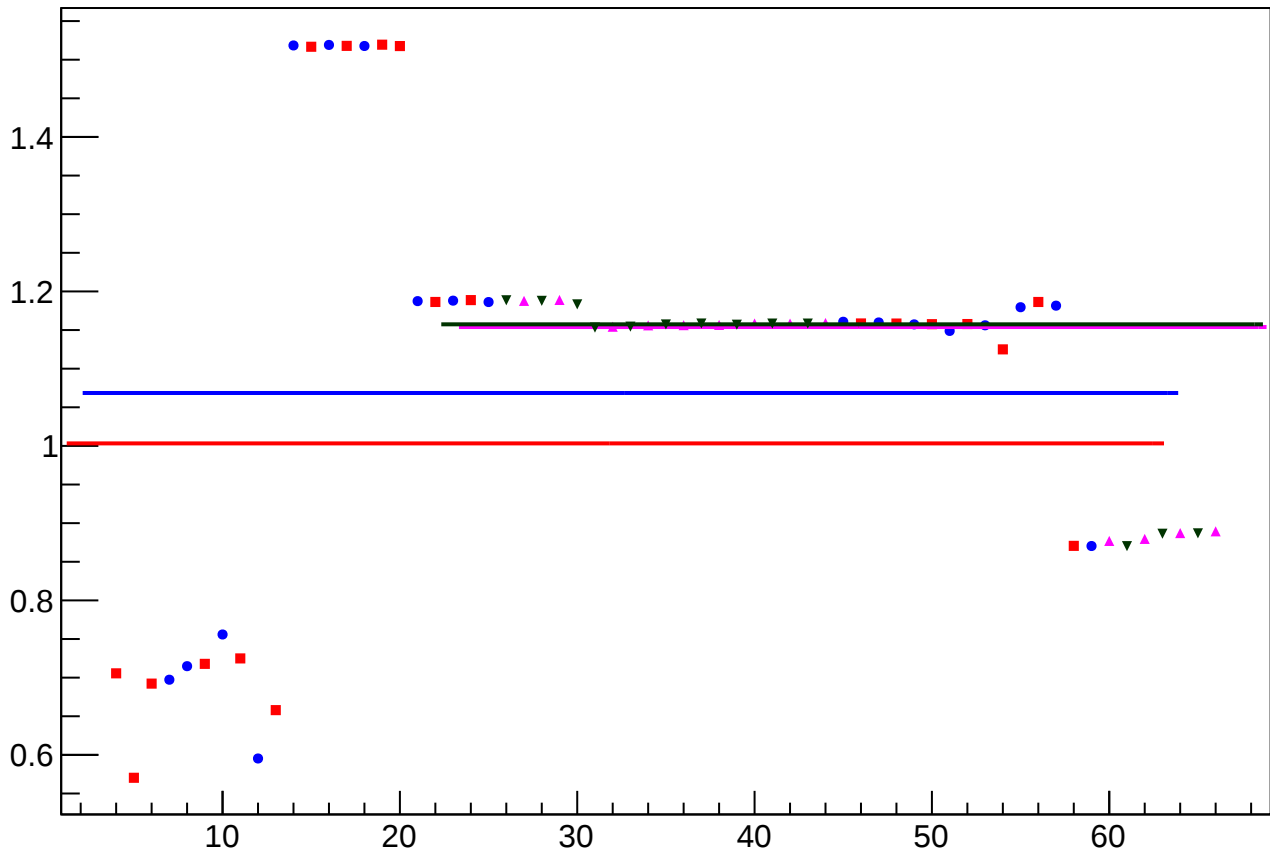
Right Out: 0.018 $\pm$ 0.000 χ^2/NDF : 2485378.5/18

Left In: 0.022 $\pm$ 0.000 χ^2/NDF :1670474.9/12

0.020 $\pm$ 0.000 χ^2/NDF : 4277456.5/30

0.019 $\pm$ 0.000 χ^2/NDF : 4347923.5/31

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.157+/-0.000 χ^2/NDF :163224780.4/12

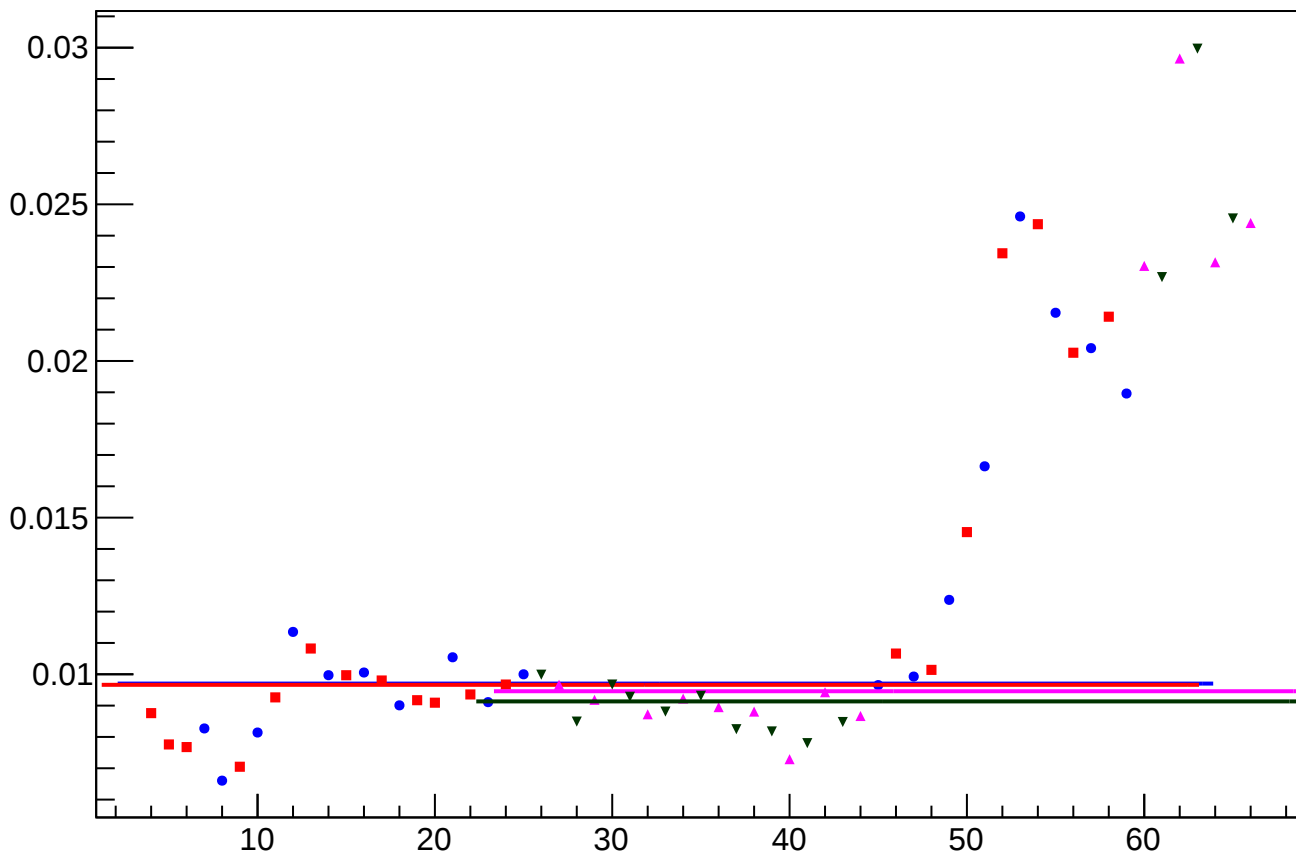
Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

Left In: 1.154+/-0.000 χ^2/NDF :230089323.8/12

1.105+/-0.000 χ^2/NDF : 11037784937.0/30

1.069+/-0.000 χ^2/NDF : 11436431035.4/31

yield_bpm4eY_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1905622.6/17

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:1120381.7/12

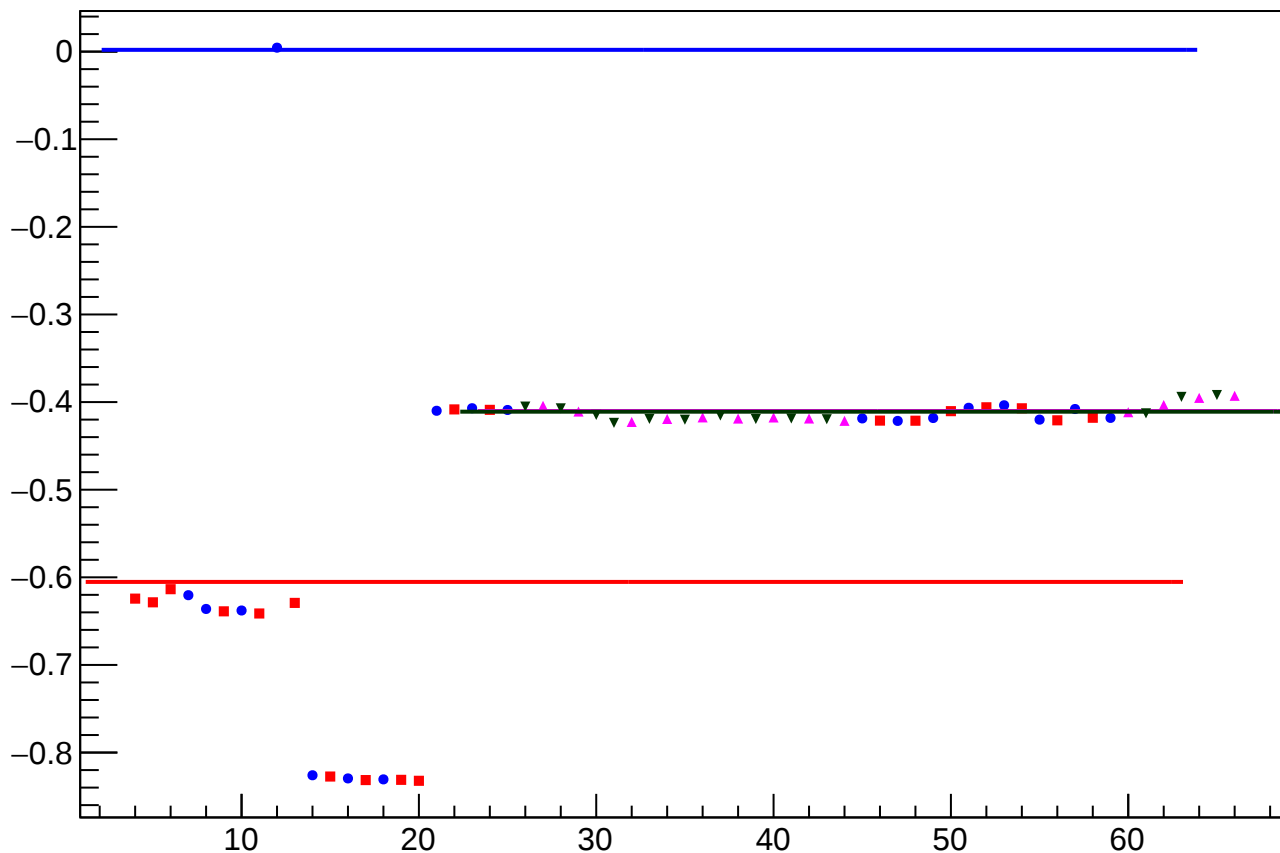
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1597012.3/18

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:1440155.4/12

0.009 $\pm$ 0.000 χ^2 /NDF: 3052723.1/30

0.010 $\pm$ 0.000 χ^2 /NDF: 3040555.3/31

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.411 $\pm$ 0.000 χ^2 /NDF: 6790186.7/12

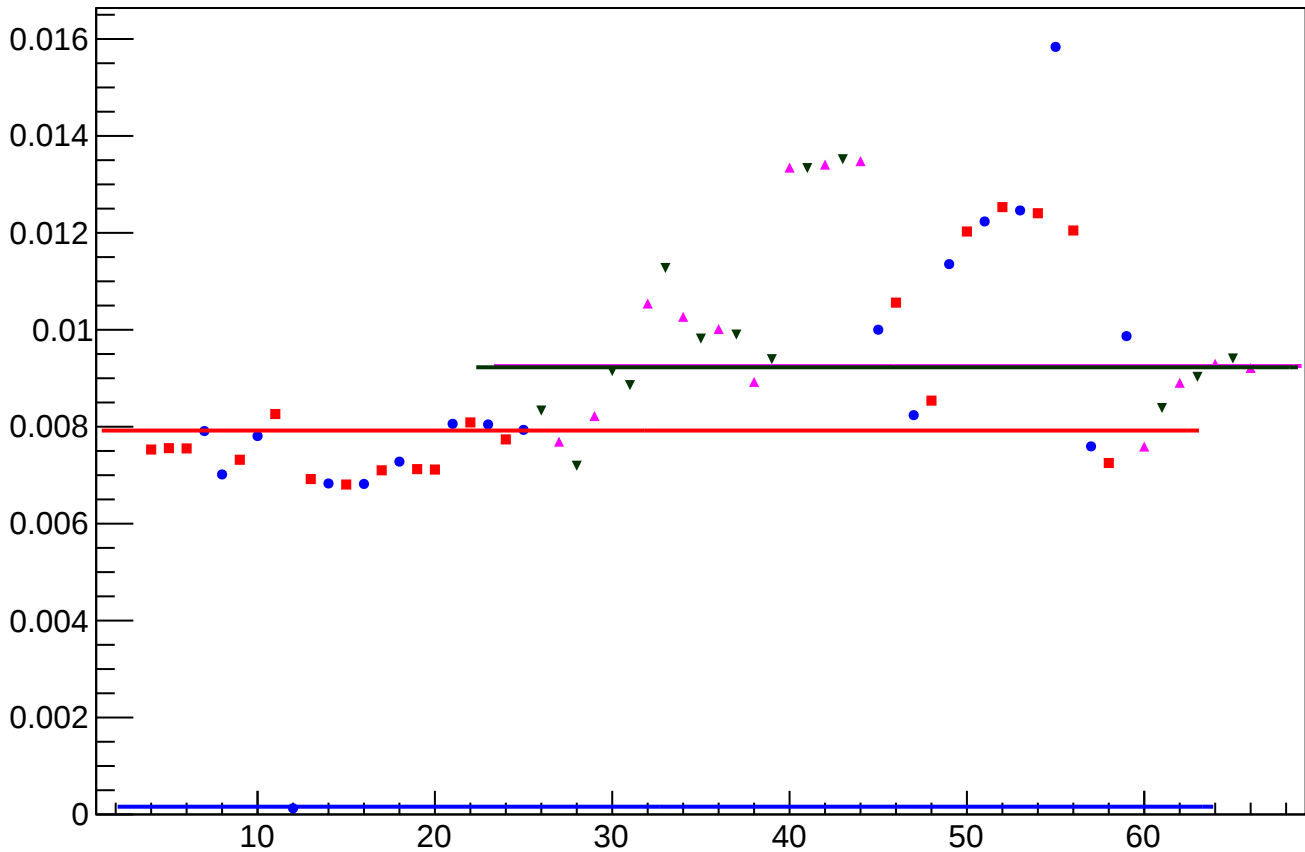
Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

Left In: -0.410 $\pm$ 0.000 χ^2 /NDF: 7154739.2/12

0.001 $\pm$ 0.000 χ^2 /NDF: 72708844553.9/30

-0.534 $\pm$ 0.000 χ^2 /NDF: 5916241669.8/31

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 20262517.7/17

Left Out: 0.009+/-0.000 χ^2/NDF : 375663.0/12

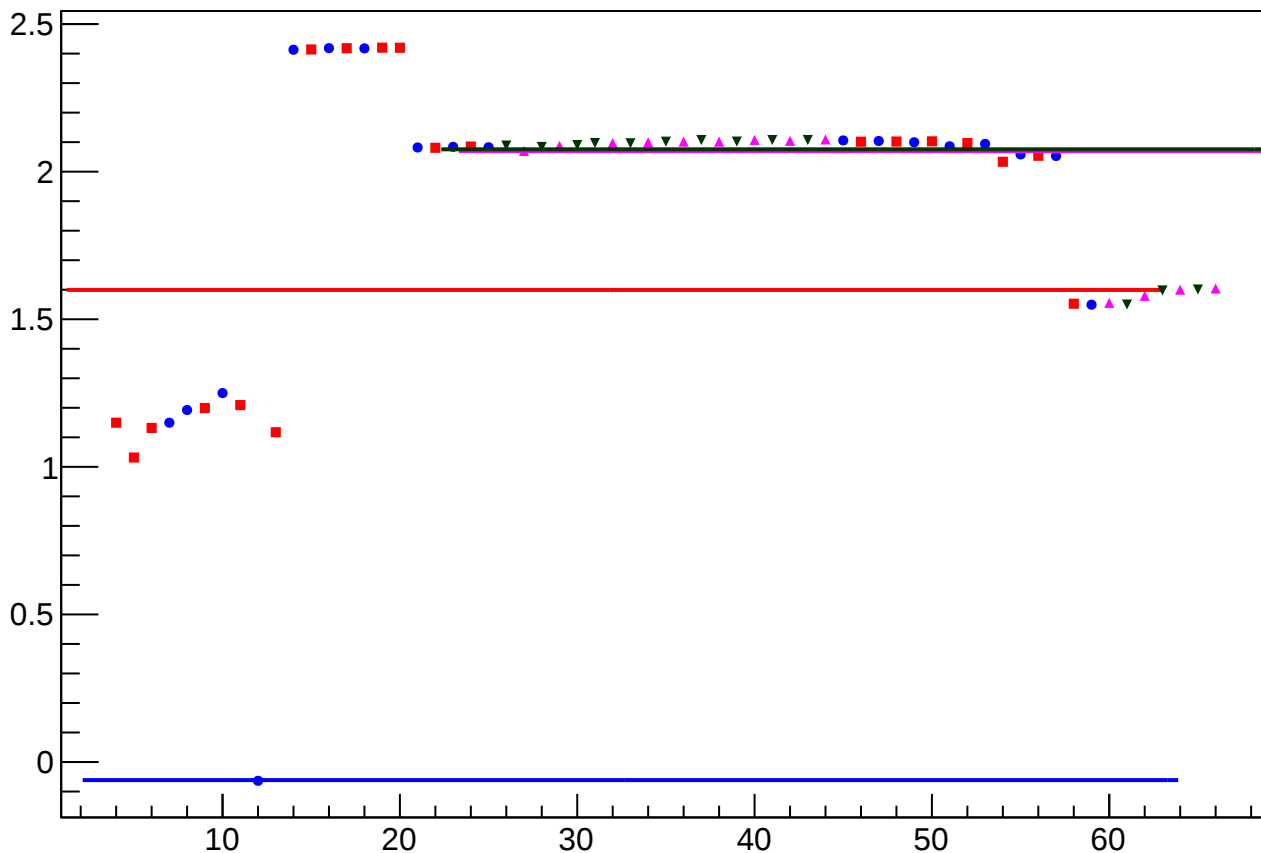
0.000+/-0.000 χ^2/NDF : 33123907.1/30

Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

0.008+/-0.000 χ^2/NDF : 1376090.5/31

Left In: 0.009+/-0.000 χ^2/NDF : 484216.1/12

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.076+/-0.000 χ^2/NDF : 316515489.5/12

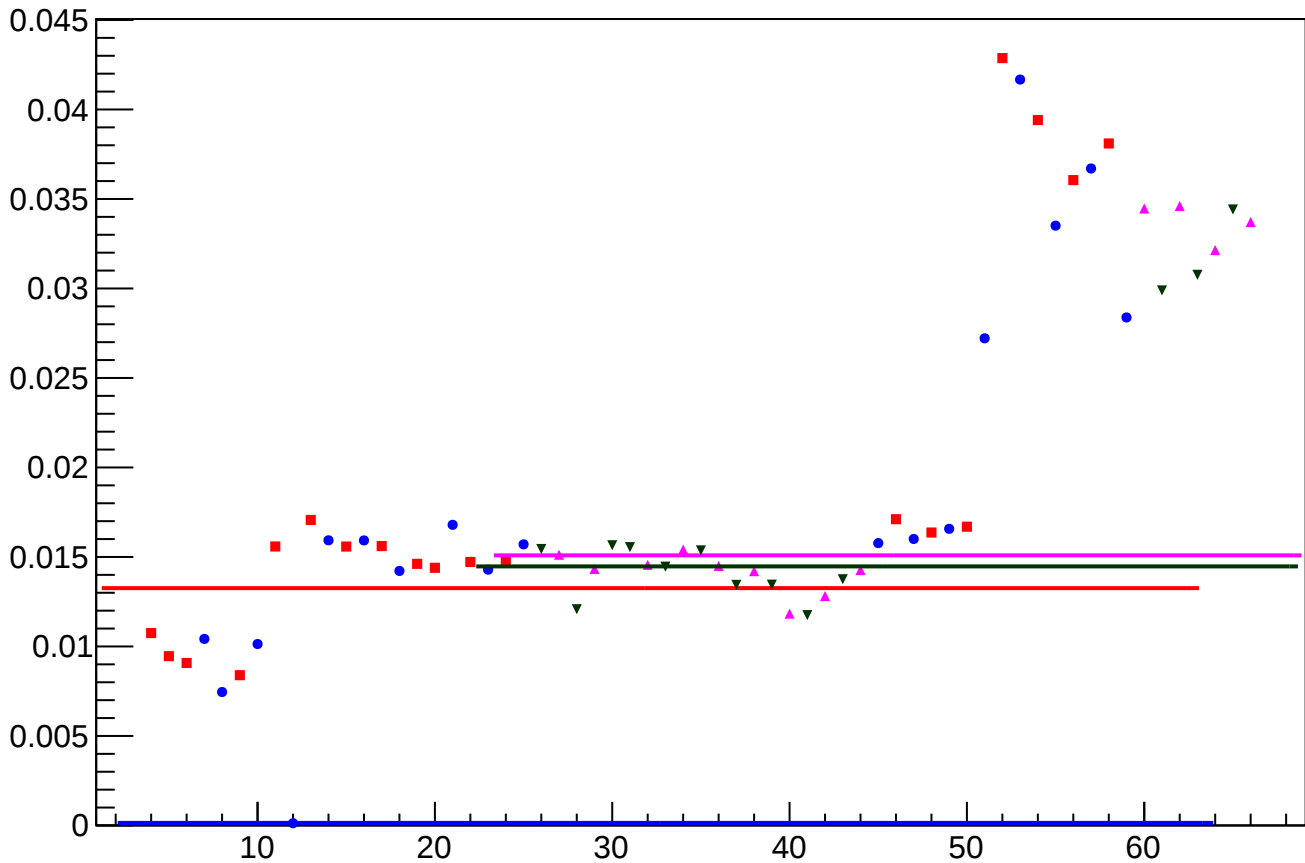
Right Out: 1.599+/-0.000 χ^2/NDF : 13096029057.2/18

Left In: 2.070+/-0.000 χ^2/NDF : 378251746.6/12

-0.060+/-0.000 χ^2/NDF : 299640634491.3/30

1.782+/-0.000 χ^2/NDF : 17412593094.4/31

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 :866047.5/12

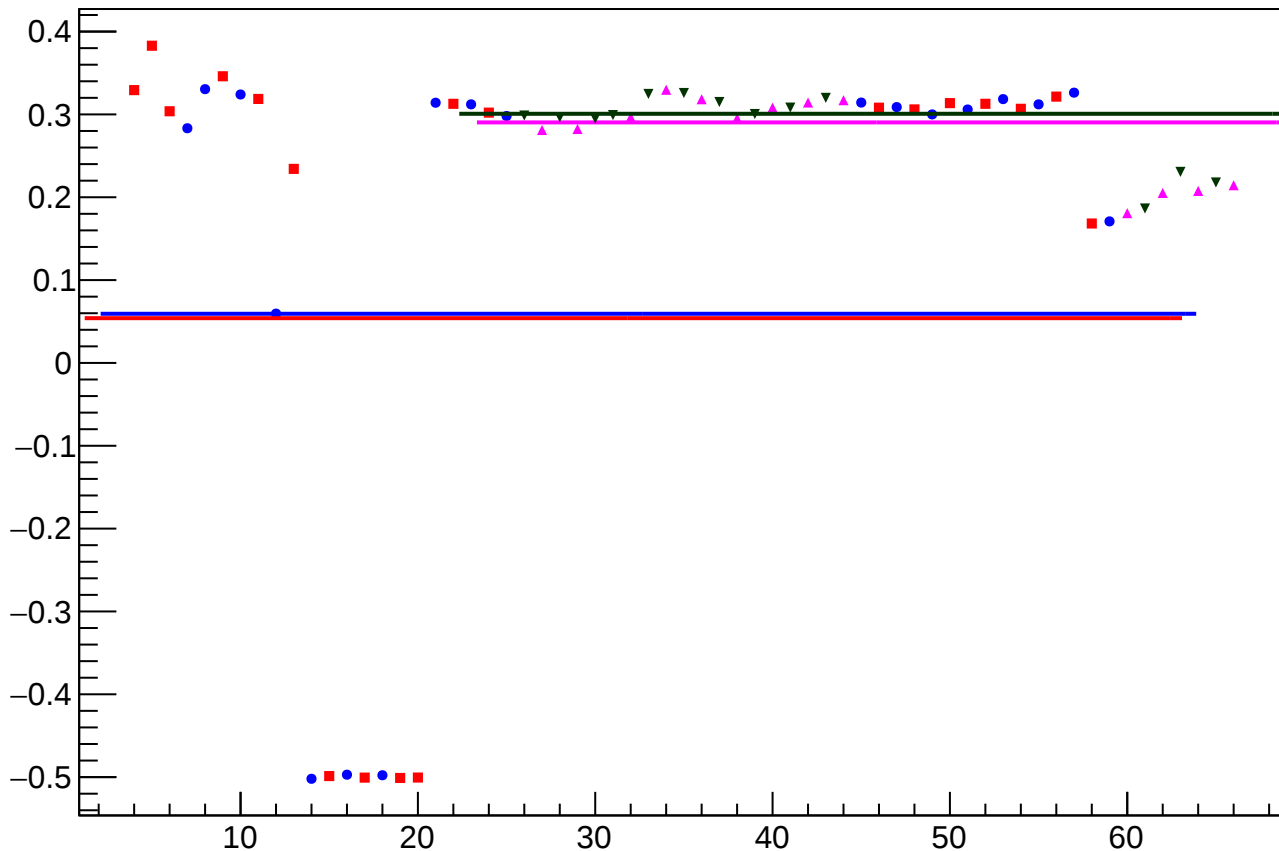
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.015+/-0.000 χ^2/NDF :1165107.2/12

0.000+/-0.000 χ^2/NDF : 32038791.8/30

0.014+/-0.000 χ^2/NDF : 3974457.4/31

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.301+/-0.000 χ^2/NDF : 7513455.9/12

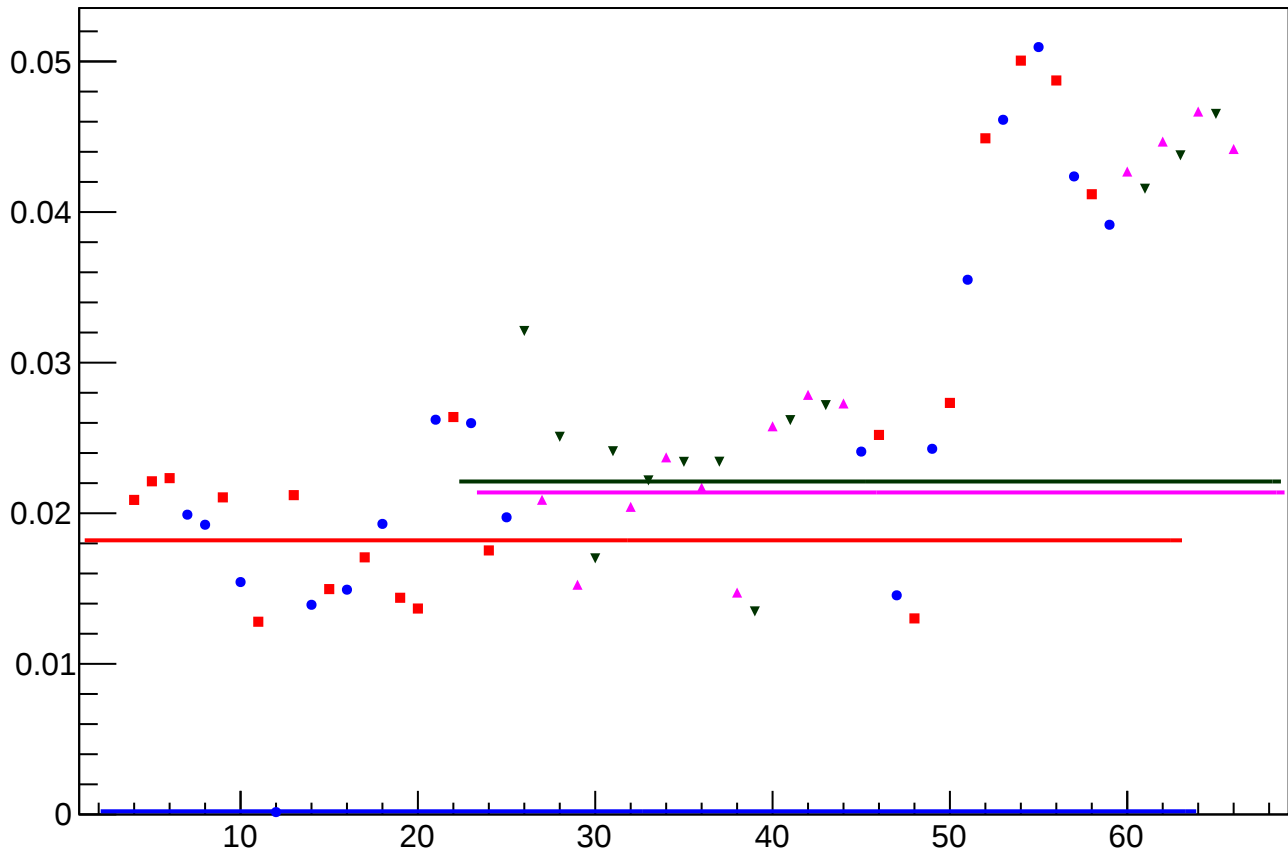
0.060+/-0.000 χ^2/NDF : 4578832094.3/30

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.139+/-0.000 χ^2/NDF : 4024877214.8/31

Left In: 0.290+/-0.000 χ^2/NDF : 11726118.2/12

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.022+/-0.000 χ^2/NDF :1377647.5/12

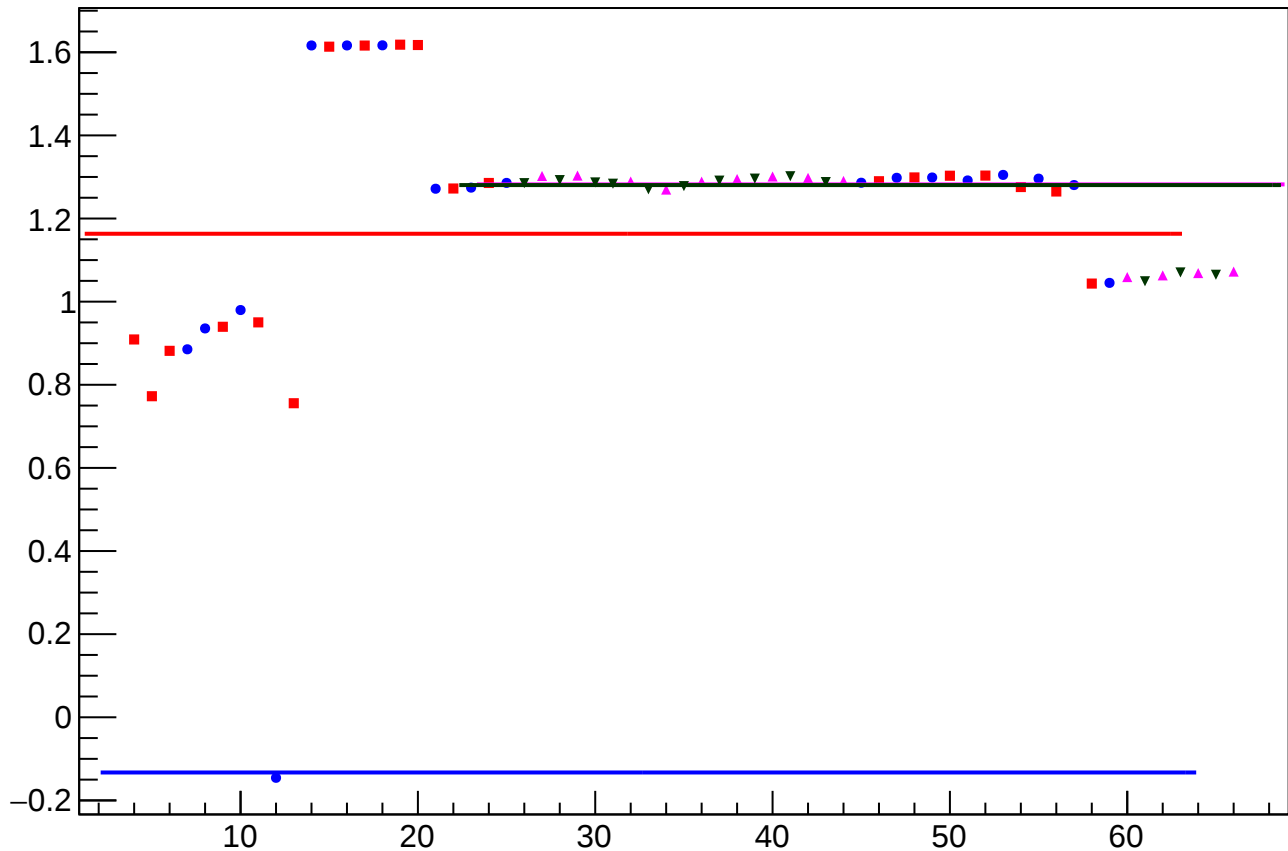
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.021+/-0.000 χ^2/NDF :1647291.8/12

0.000+/-0.000 χ^2/NDF : 32358476.0/30

0.019+/-0.000 χ^2/NDF : 4251944.5/31

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.280+/-0.000 χ^2/NDF : 94214402.3/12

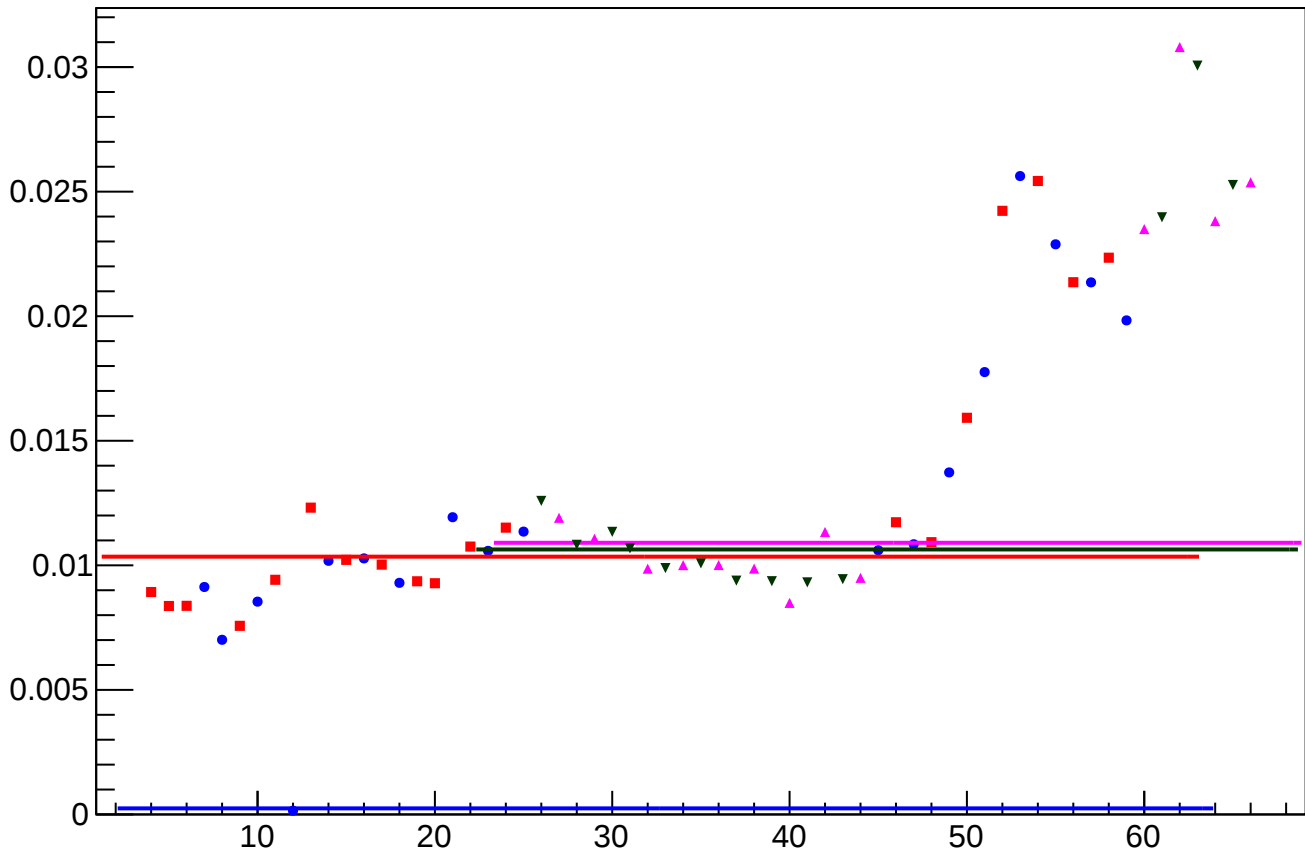
-0.125+/-0.000 χ^2/NDF : 272585963264.9/30

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.212+/-0.000 χ^2/NDF : 7848975599.0/31

Left In: 1.282+/-0.000 χ^2/NDF : 137658739.0/12

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19204976.4/17

Left Out: 0.011+/-0.000 χ^2/NDF :1000535.3/12

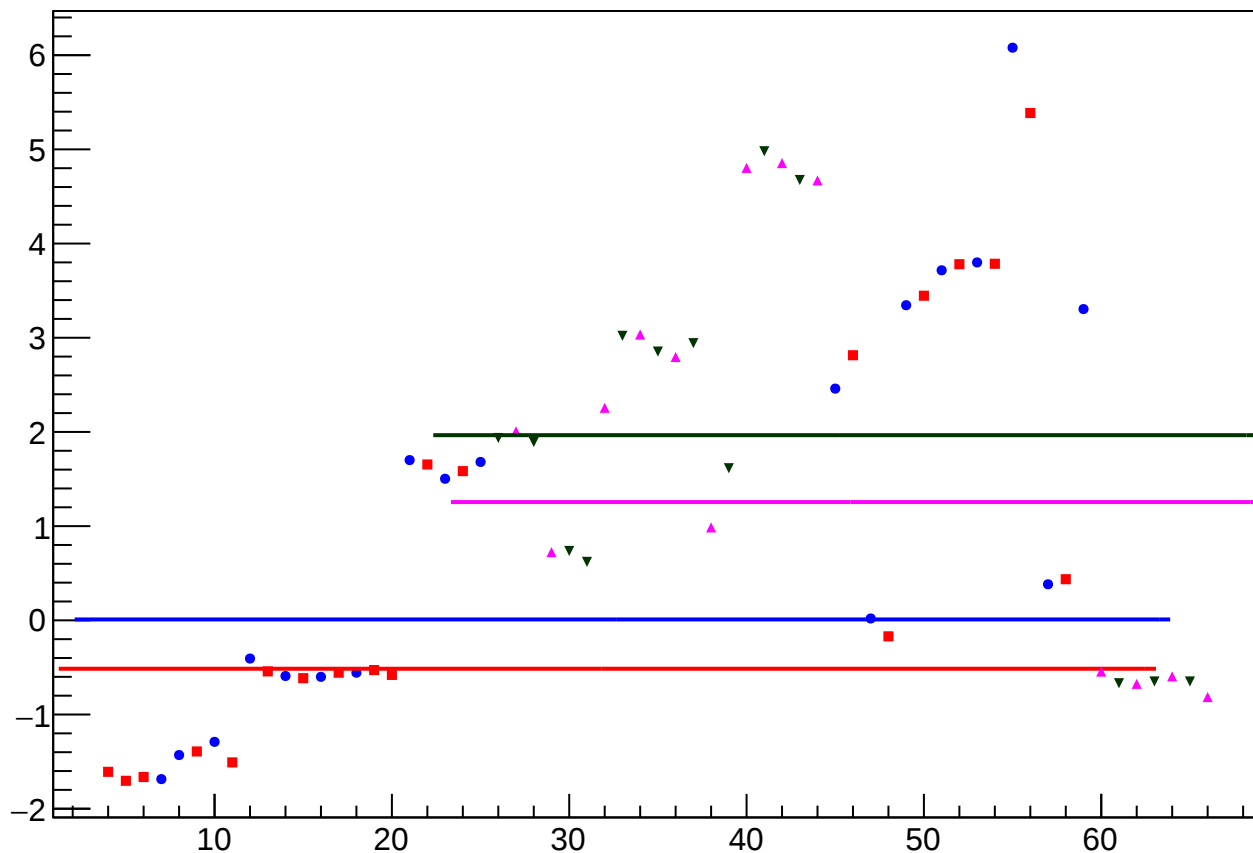
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.011+/-0.000 χ^2/NDF :1310695.1/12

0.000+/-0.000 χ^2/NDF : 31365302.3/30

0.011+/-0.000 χ^2/NDF : 2950184.3/31

yield_bpm1X_mean vs slug



Right In: 0.009 ± 0.000 χ^2/NDF : 18135045883.2/17

Left Out: 1.966 ± 0.000 χ^2/NDF : 1830365874.2/12

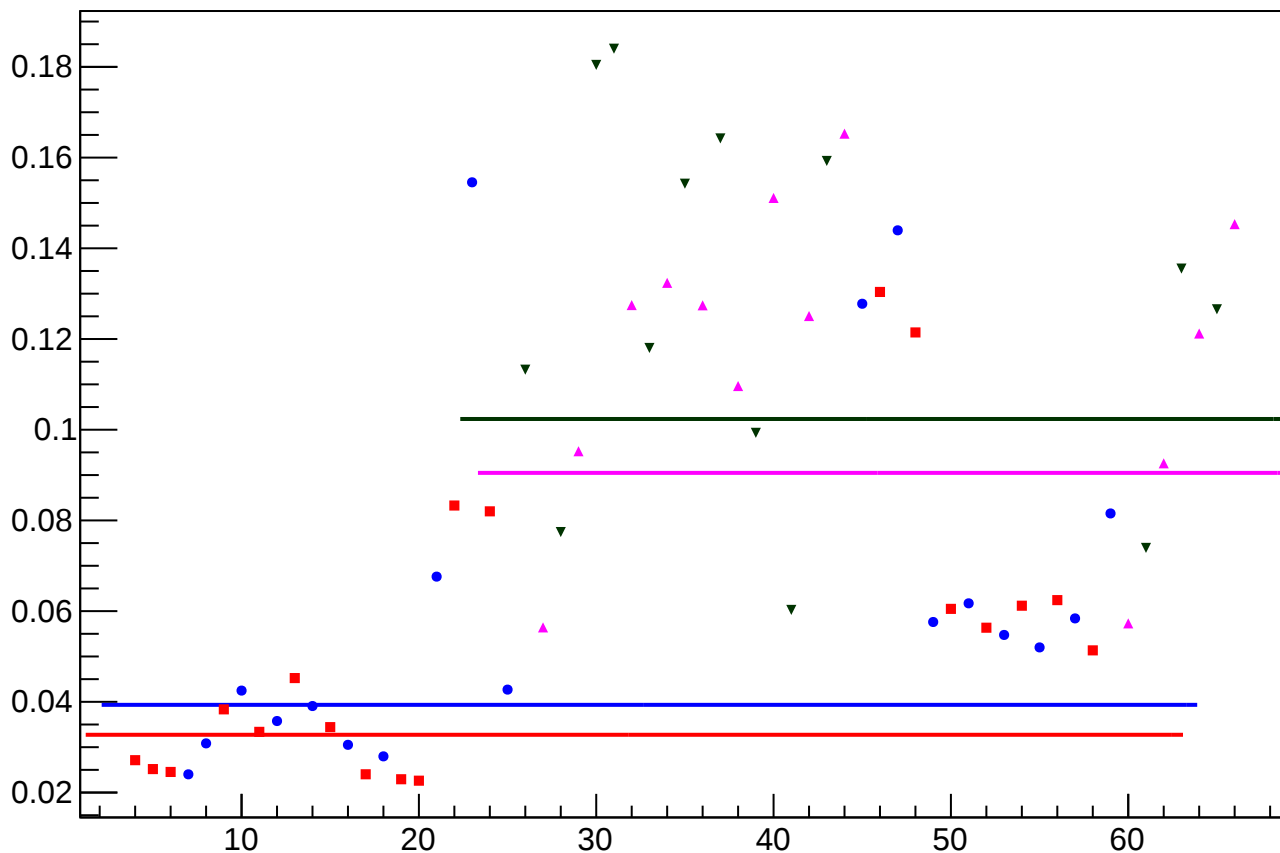
Right Out: -0.514 ± 0.000 χ^2/NDF : 14474436949.2/18

Left In: 1.256 ± 0.000 χ^2/NDF : 1909576873.4/12

0.177 ± 0.000 χ^2/NDF : 21529870077.4/30

-0.344 ± 0.000 χ^2/NDF : 18227235901.8/31

yield_bpm1X_rms vs slug



Right In: 0.039 $\pm$ 0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.102 $\pm$ 0.000 χ^2/NDF :1266710.6/12

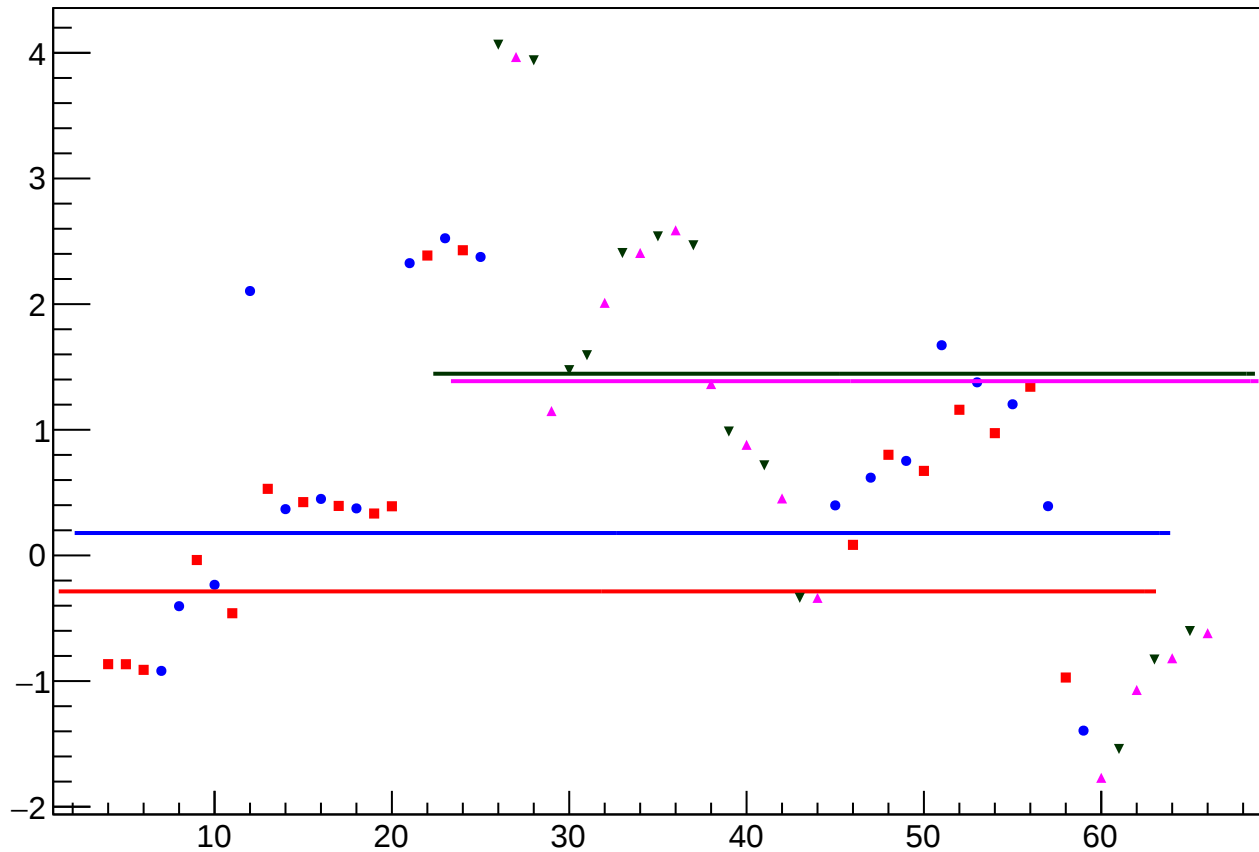
Right Out: 0.033 $\pm$ 0.000 χ^2/NDF : 2838022.5/18

Left In: 0.090 $\pm$ 0.000 χ^2/NDF :1599654.2/12

0.045 $\pm$ 0.000 χ^2/NDF : 7592889.9/30

0.038 $\pm$ 0.000 χ^2/NDF : 8364135.4/31

yield_bpm1Y_mean vs slug



Right In: 0.178 $\pm$ 0.000 χ^2 /NDF: 9482704623.3/17

0.262 $\pm$ 0.000 χ^2 /NDF: 14175523041.0/30

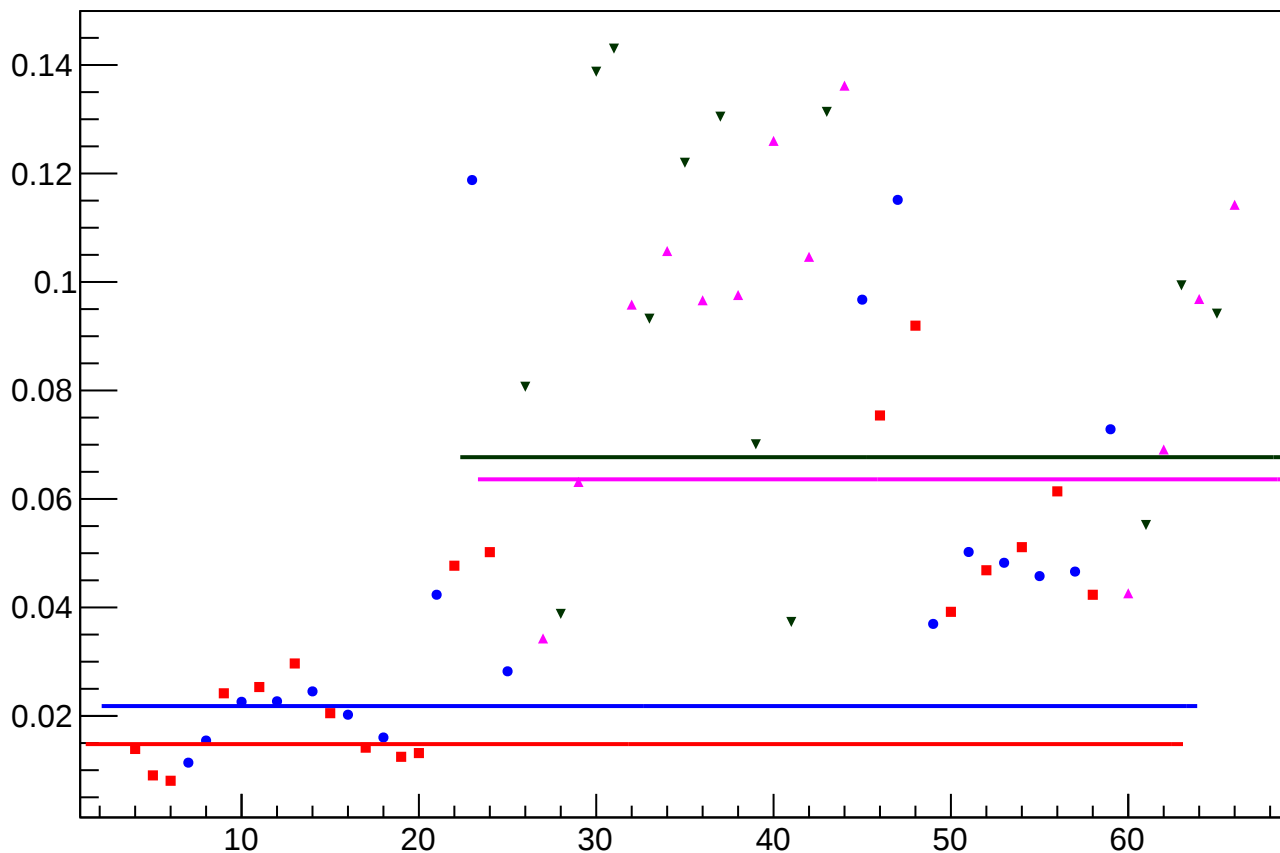
Left Out: 1.446 $\pm$ 0.000 χ^2 /NDF:3378108008.4/12

Right Out: -0.286 $\pm$ 0.000 χ^2 /NDF: 10734675455.5/18

-0.200 $\pm$ 0.000 χ^2 /NDF: 19732621094.1/31

Left In: 1.387 $\pm$ 0.000 χ^2 /NDF:5854407153.1/12

yield_bpm1Y_rms vs slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 4669284.8/17

Left Out: 0.068 $\pm$ 0.000 χ^2 /NDF:1964793.0/12

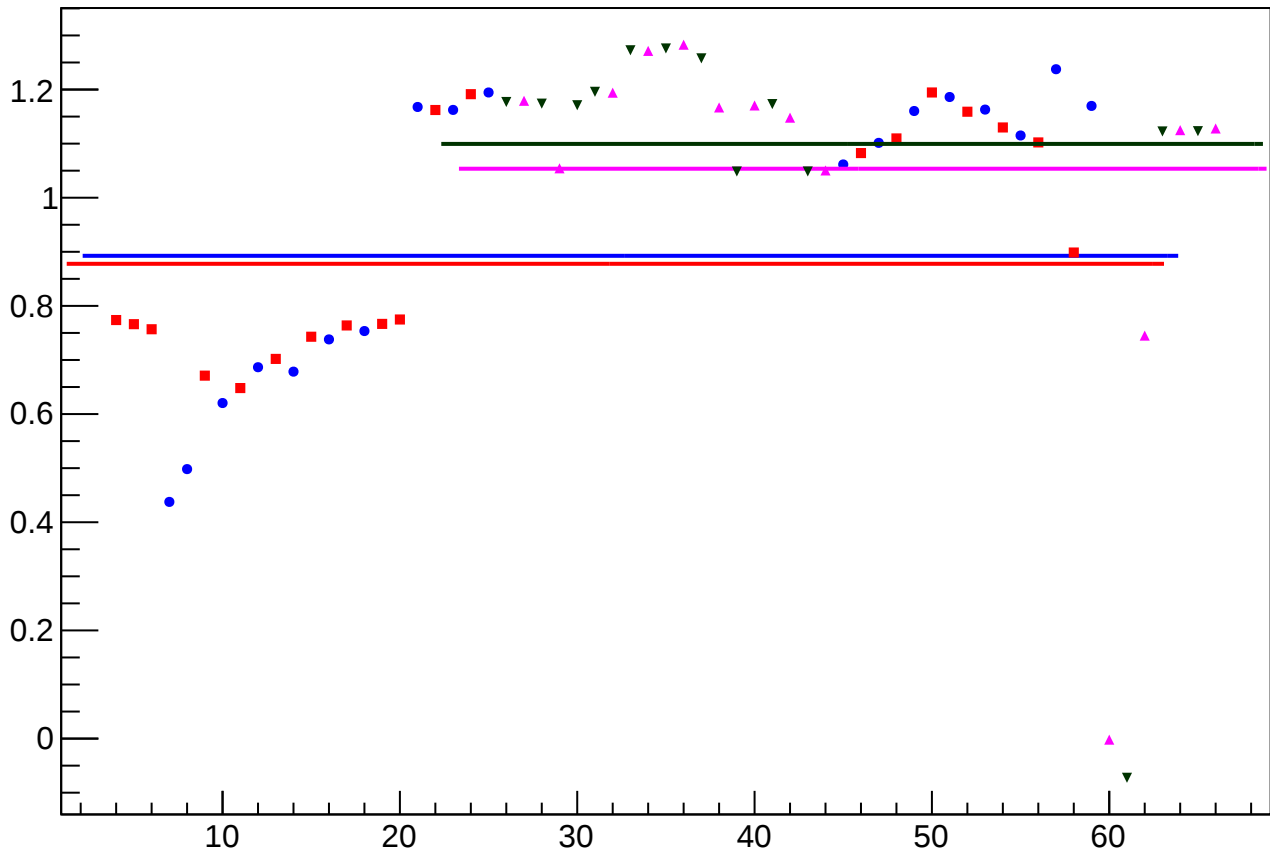
Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 4938559.5/18

Left In: 0.064 $\pm$ 0.000 χ^2 /NDF:2294250.1/12

0.025 $\pm$ 0.000 χ^2 /NDF: 10078662.4/30

0.017 $\pm$ 0.000 χ^2 /NDF: 12583083.3/31

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.099+/-0.000 χ^2/NDF :1062629699.6/12

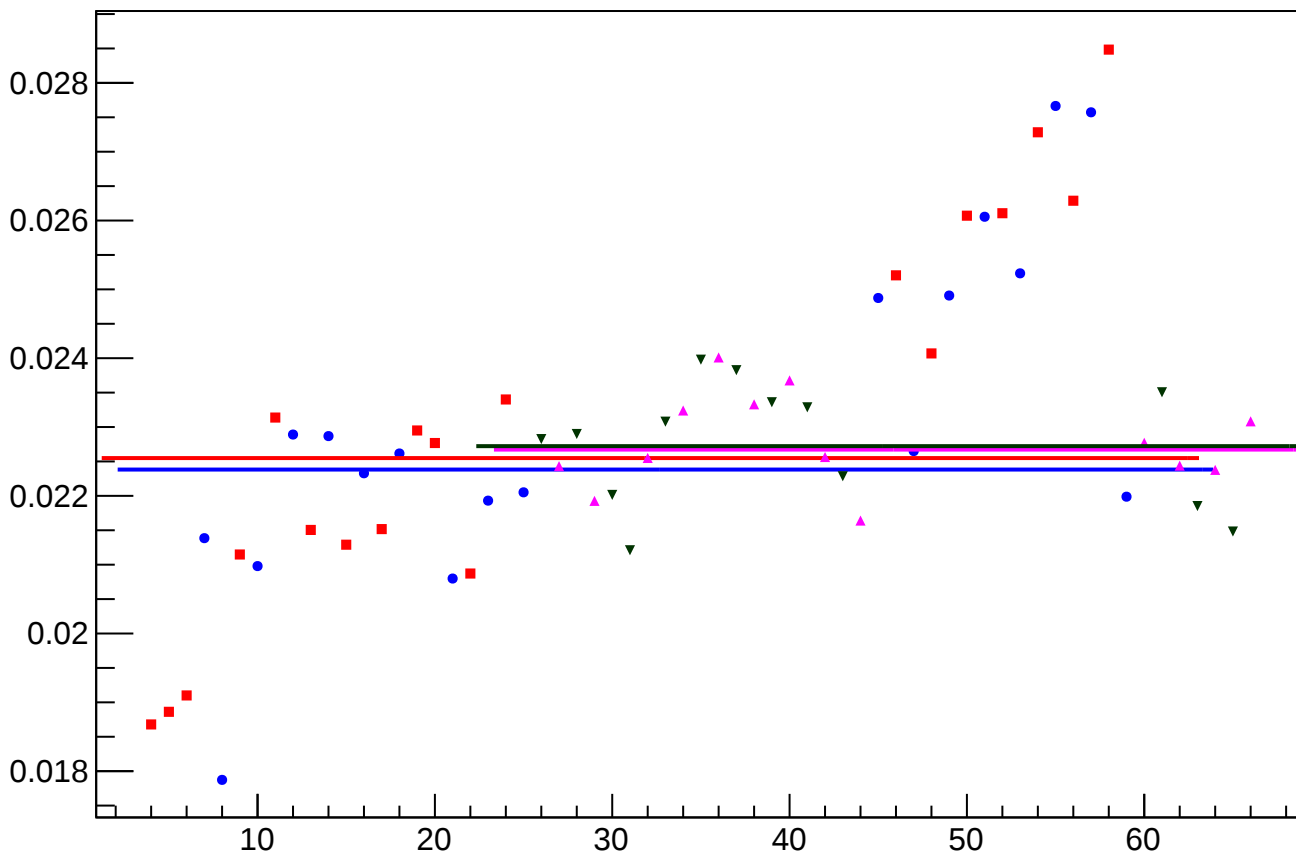
Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

Left In: 1.054+/-0.000 χ^2/NDF :1332582924.3/12

0.969+/-0.000 χ^2/NDF : 3032376946.9/30

0.955+/-0.000 χ^2/NDF : 2345759208.3/31

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 : 17730.0/12

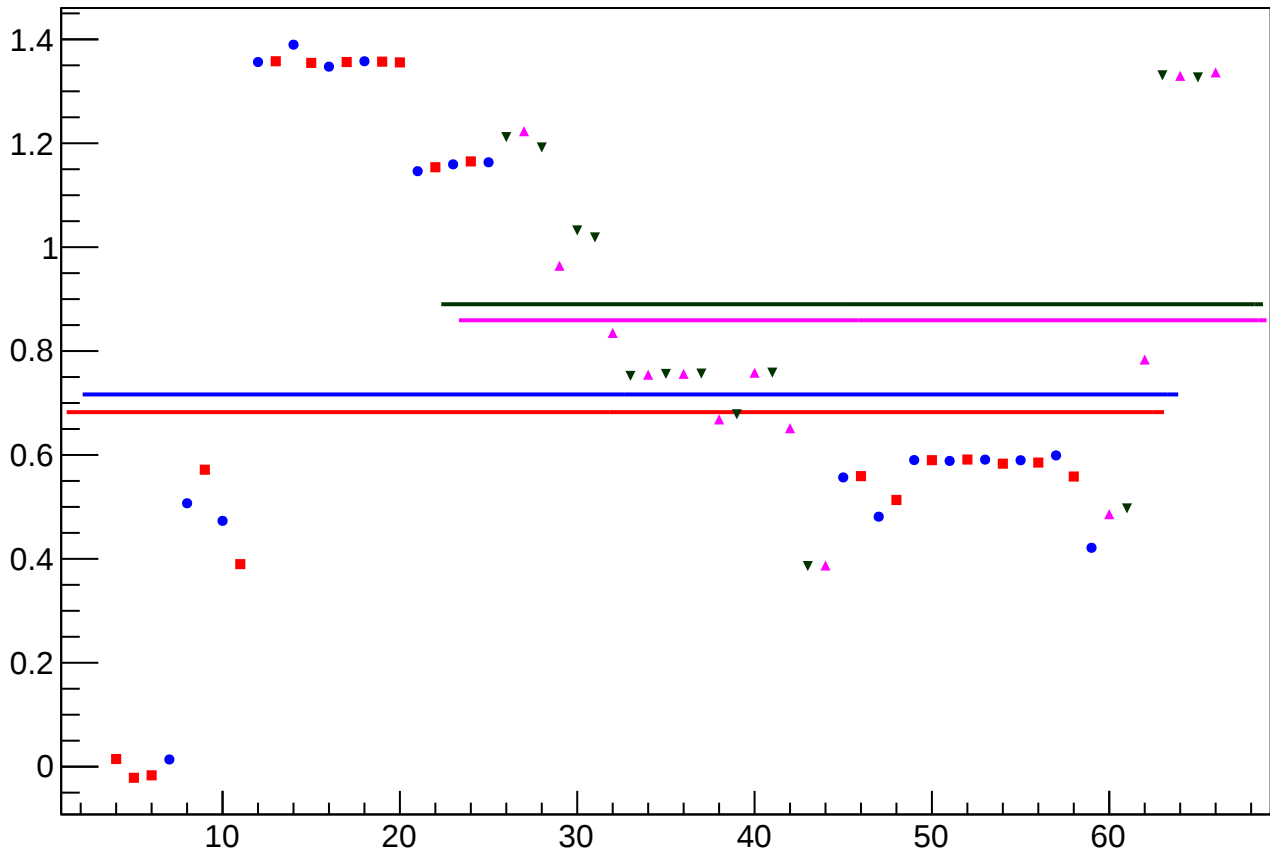
Right Out: 0.023 ± 0.000 χ^2/NDF : 246194.4/18

Left In: 0.023 ± 0.000 χ^2/NDF : 11060.6/12

0.023 ± 0.000 χ^2/NDF : 284181.4/30

0.023 ± 0.000 χ^2/NDF : 257502.8/31

yield_bpm11Y_mean vs slug



Right In: 0.716+/-0.000 χ^2/NDF : 131330740430.7/17

Left Out: 0.890+/-0.000 χ^2/NDF : 42610726263.9/12

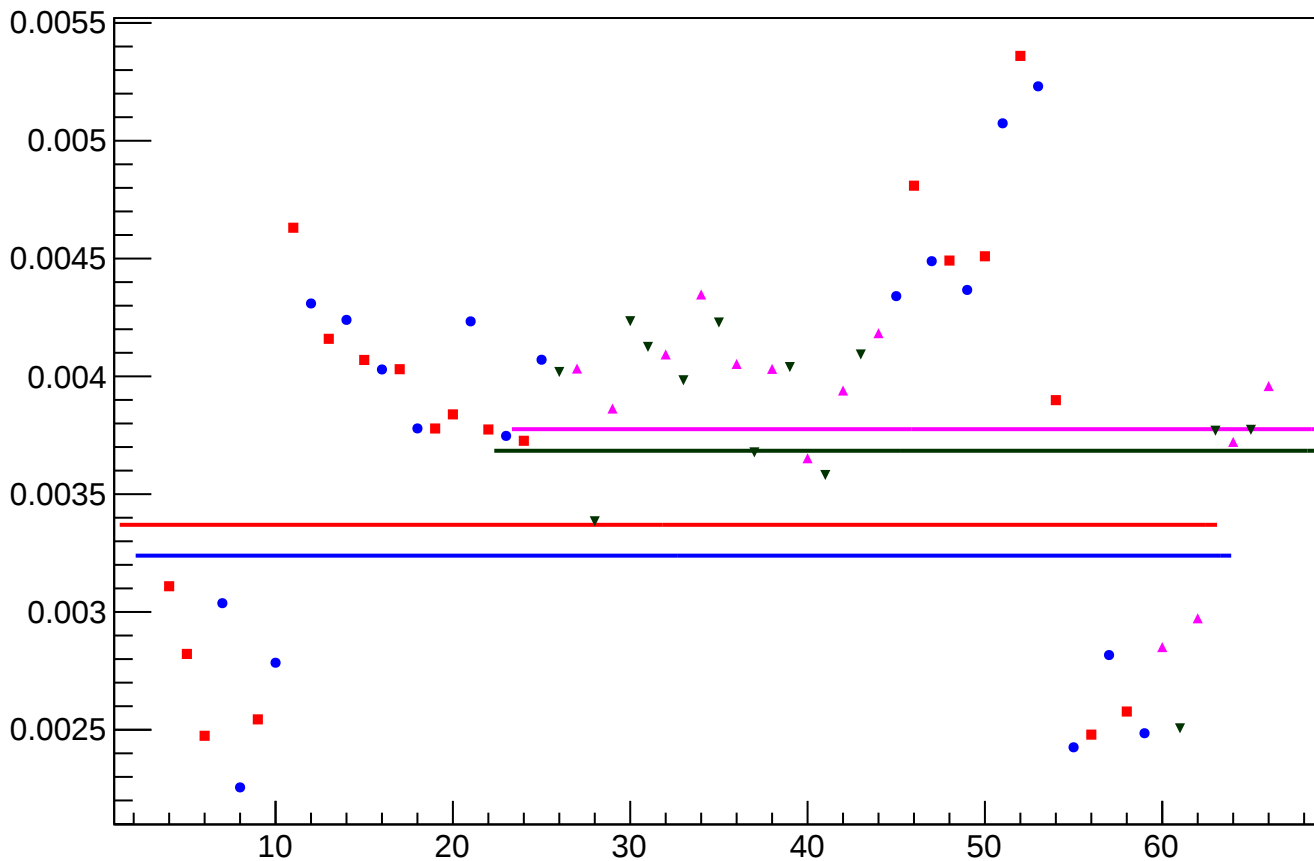
0.773+/-0.000 χ^2/NDF : 183379929262.3/30

Right Out: 0.682+/-0.000 χ^2/NDF : 168328456976.2/18

0.752+/-0.000 χ^2/NDF : 218619211735.9/31

Left In: 0.859+/-0.000 χ^2/NDF : 40614915175.9/12

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 : 244559.2/12

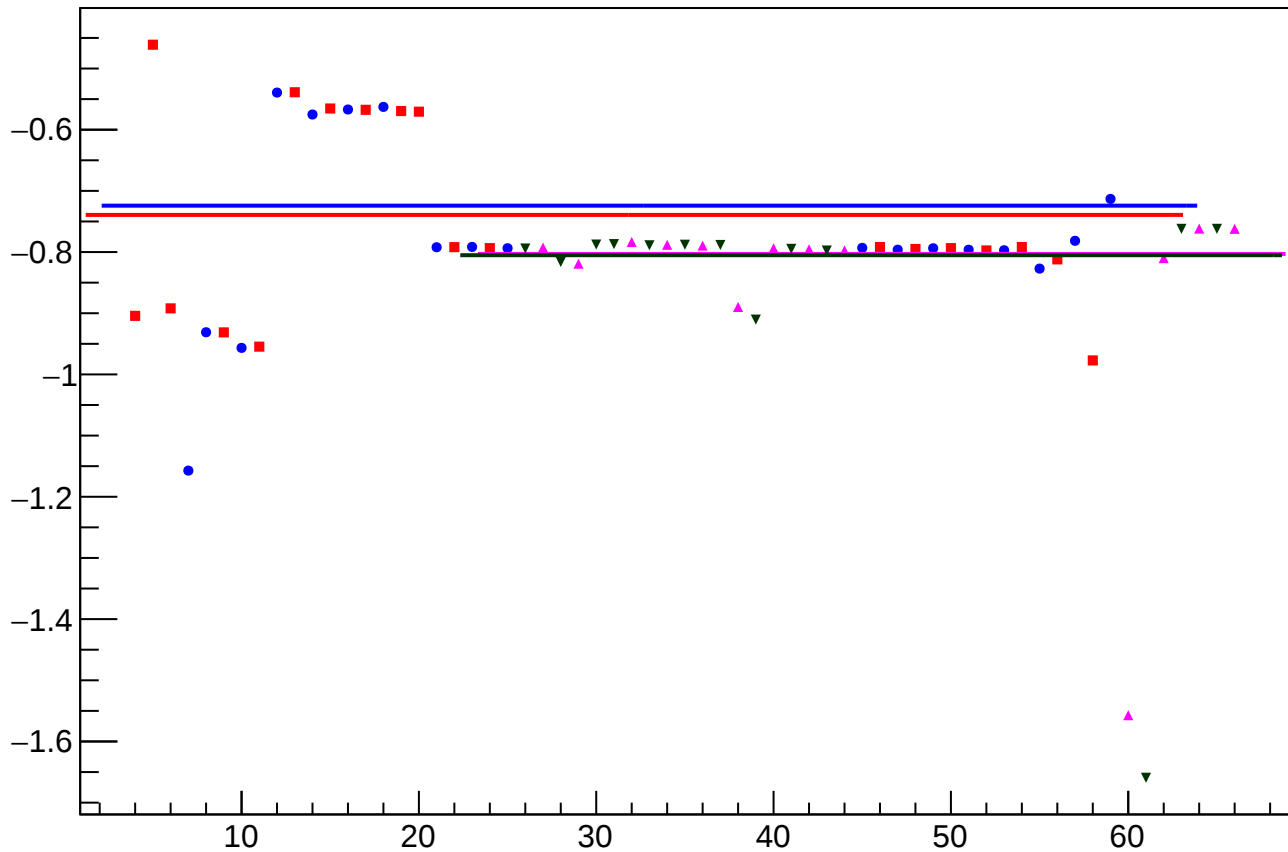
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF : 201890.7/12

0.003+/-0.000 χ^2/NDF : 1921443.4/30

0.004+/-0.000 χ^2/NDF : 1462037.0/31

yield_bpm12X_mean vs slug



Right In: -0.724+/-0.000 χ^2 /NDF: 2243966662.4/17

Left Out: -0.805+/-0.000 χ^2 /NDF: 589107753.3/12

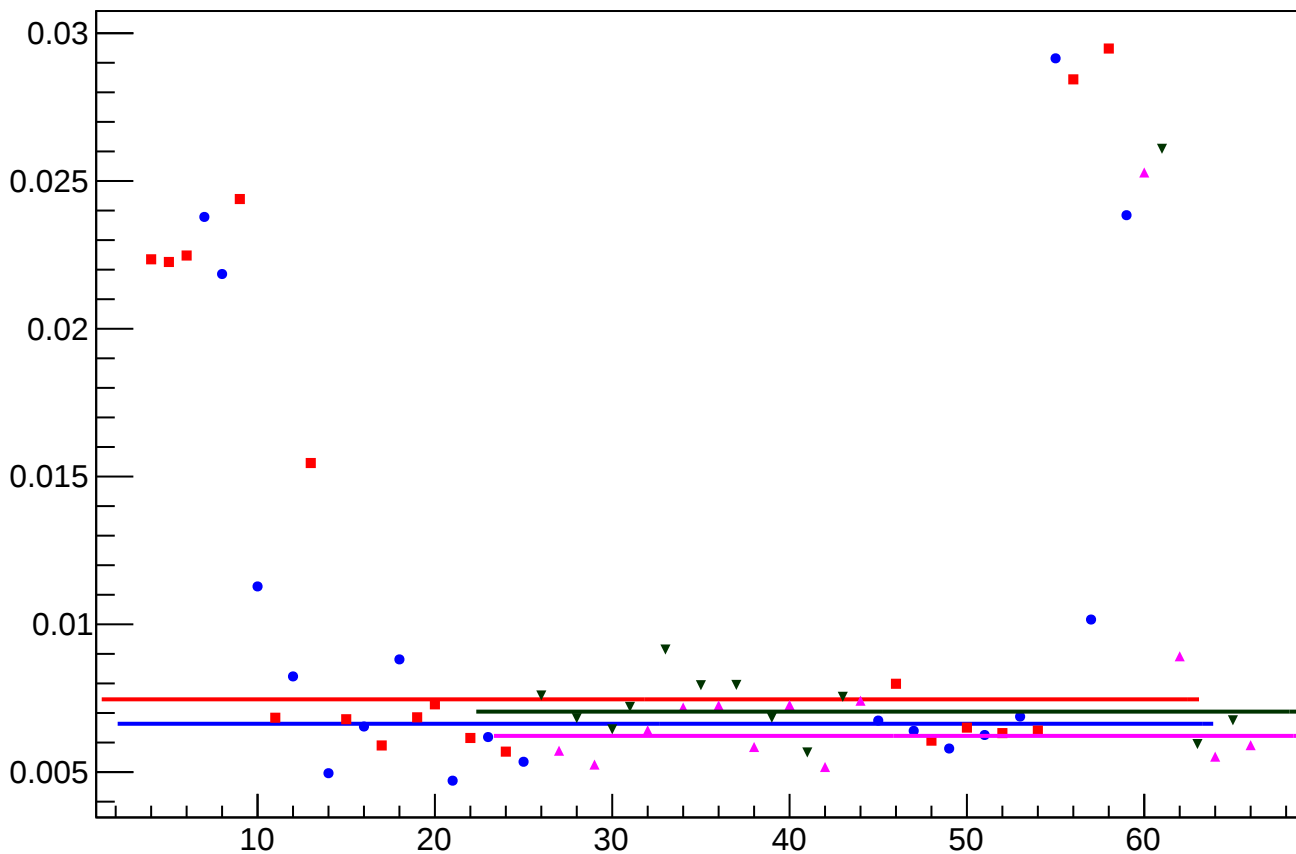
-0.755+/-0.000 χ^2 /NDF: 3232680536.0/30

Right Out: -0.739+/-0.000 χ^2 /NDF: 1945829237.2/18

-0.774+/-0.000 χ^2 /NDF: 2797044221.7/31

Left In: -0.803+/-0.000 χ^2 /NDF: 600251271.9/12

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 :586421.3/12

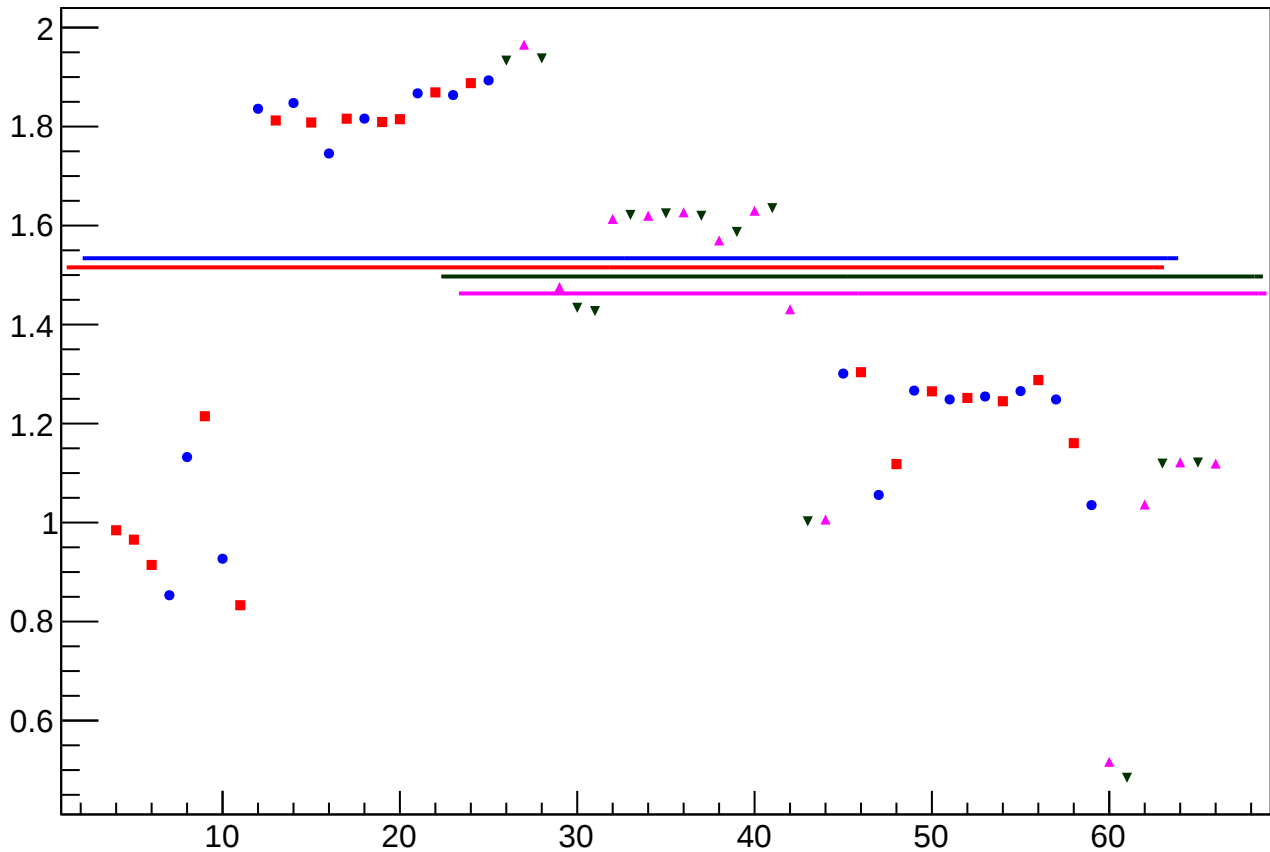
Right Out: 0.007+/-0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006+/-0.000 χ^2/NDF :812897.9/12

0.007+/-0.000 χ^2/NDF : 3954521.7/30

0.007+/-0.000 χ^2/NDF : 4480544.2/31

yield_bpm12Y_mean vs slug



Right In: 1.534+/-0.000 χ^2/NDF : 22395382646.2/17

Left Out: 1.497+/-0.000 χ^2/NDF :13506014697.7/12

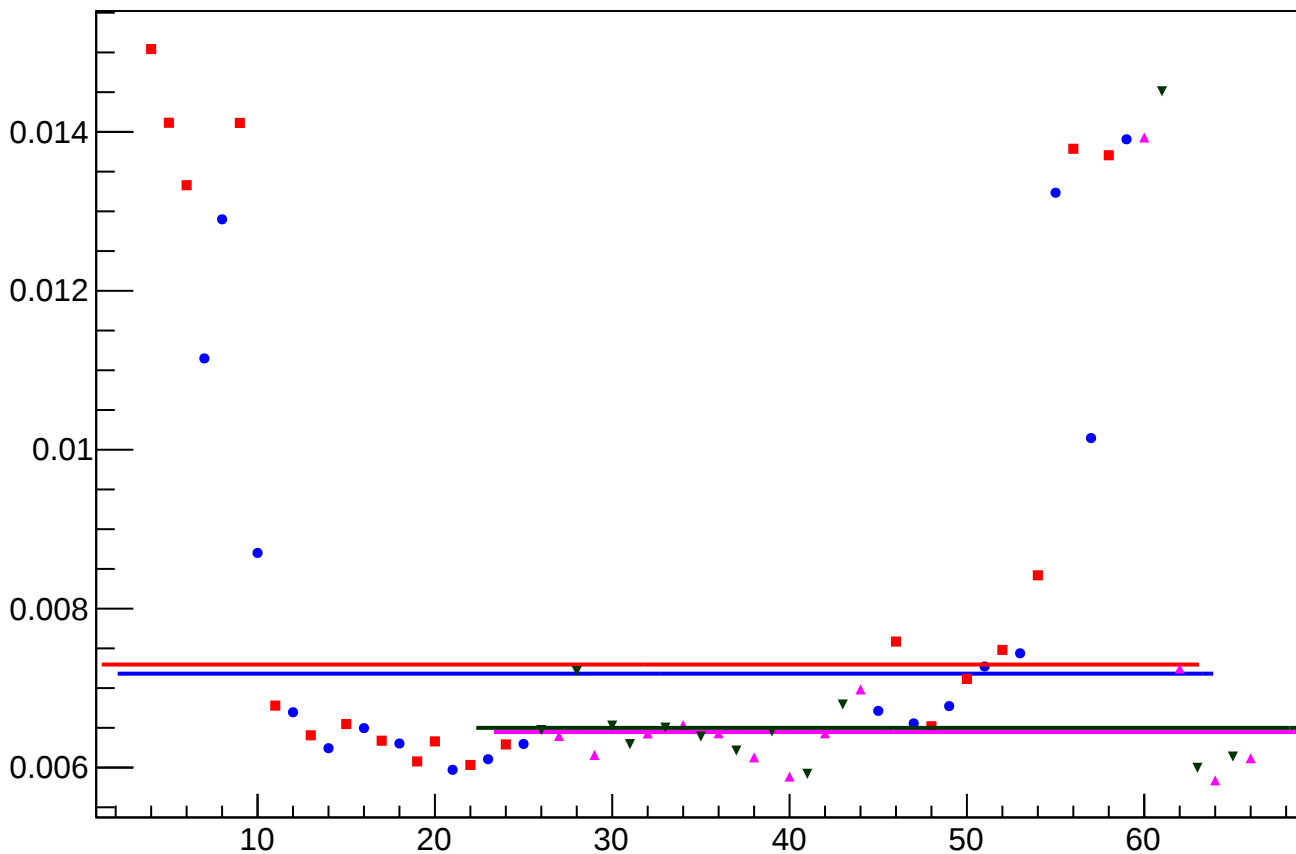
Right Out: 1.516+/-0.000 χ^2/NDF : 21754735470.0/18

Left In: 1.463+/-0.000 χ^2/NDF :15450990891.8/12

1.518+/-0.000 χ^2/NDF : 36013210358.3/30

1.489+/-0.000 χ^2/NDF : 37431421882.3/31

yield_bpm12Y_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 1305539.8/17

Left Out: 0.006 ± 0.000 χ^2/NDF : 291310.5/12

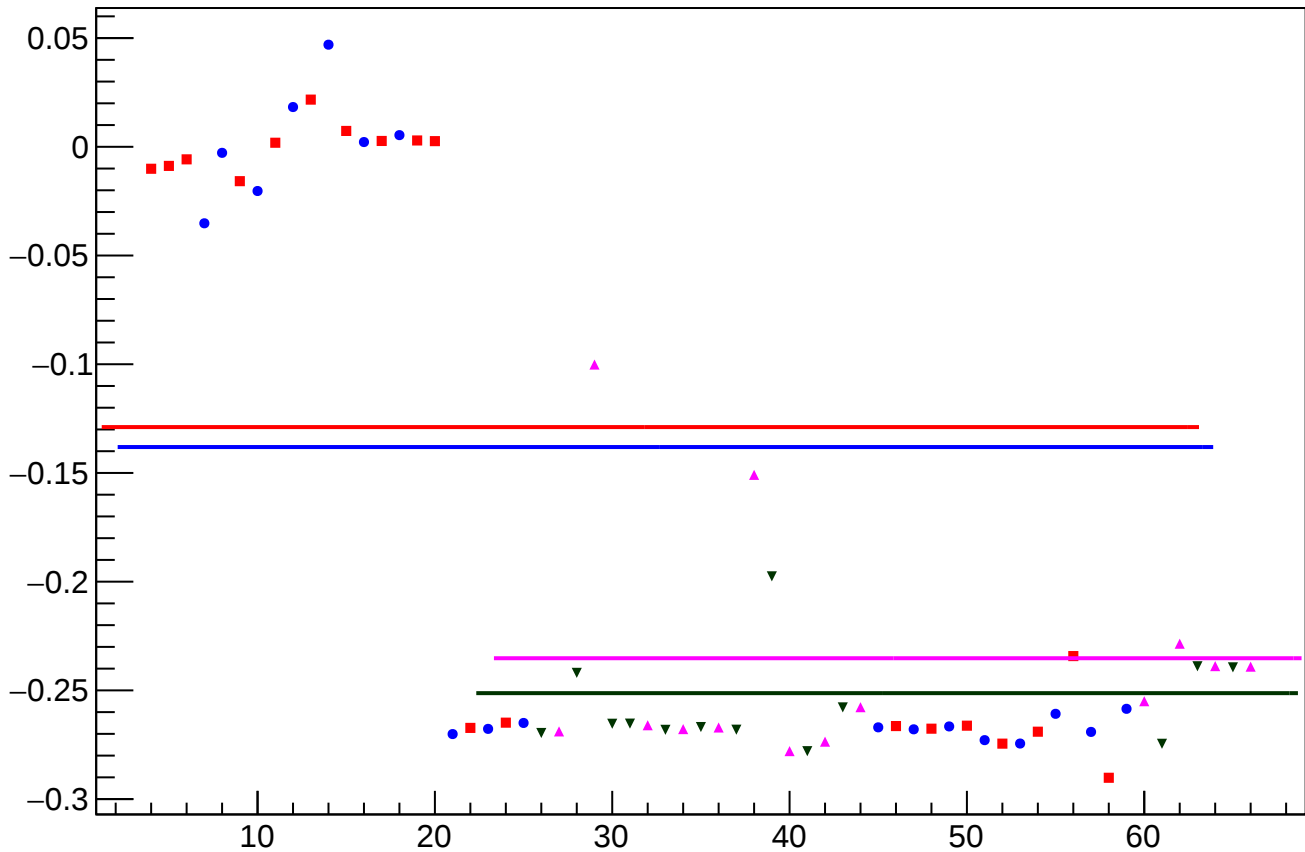
Right Out: 0.007 ± 0.000 χ^2/NDF : 1457854.6/18

Left In: 0.006 ± 0.000 χ^2/NDF : 334176.8/12

0.007 ± 0.000 χ^2/NDF : 1673412.9/30

0.007 ± 0.000 χ^2/NDF : 1909269.0/31

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.251+/-0.000 χ^2/NDF : 121956903.1/12

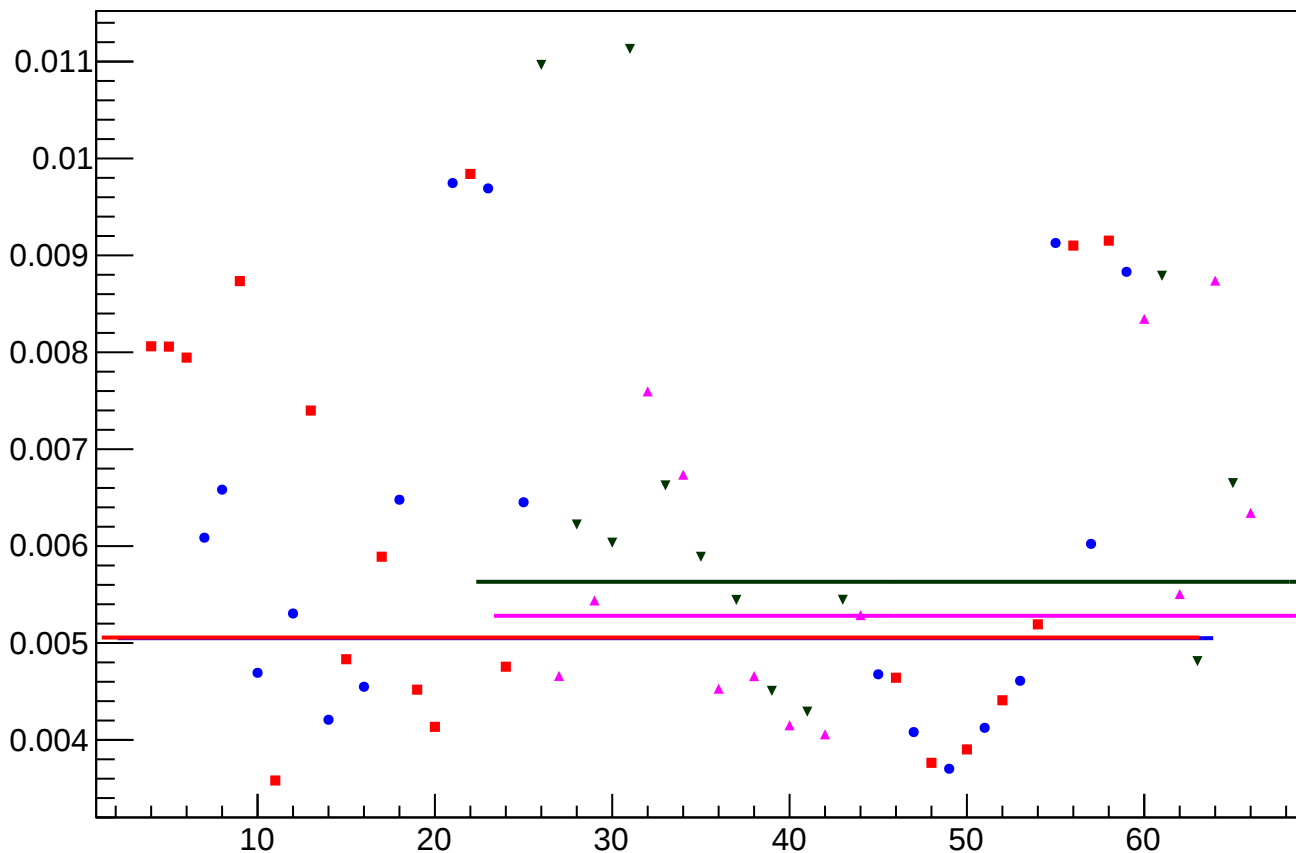
-0.175+/-0.000 χ^2/NDF : 8951553425.7/30

Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

-0.174+/-0.000 χ^2/NDF : 8201897895.9/31

Left In: -0.235+/-0.000 χ^2/NDF : 791074736.6/12

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 : 758194.3/12

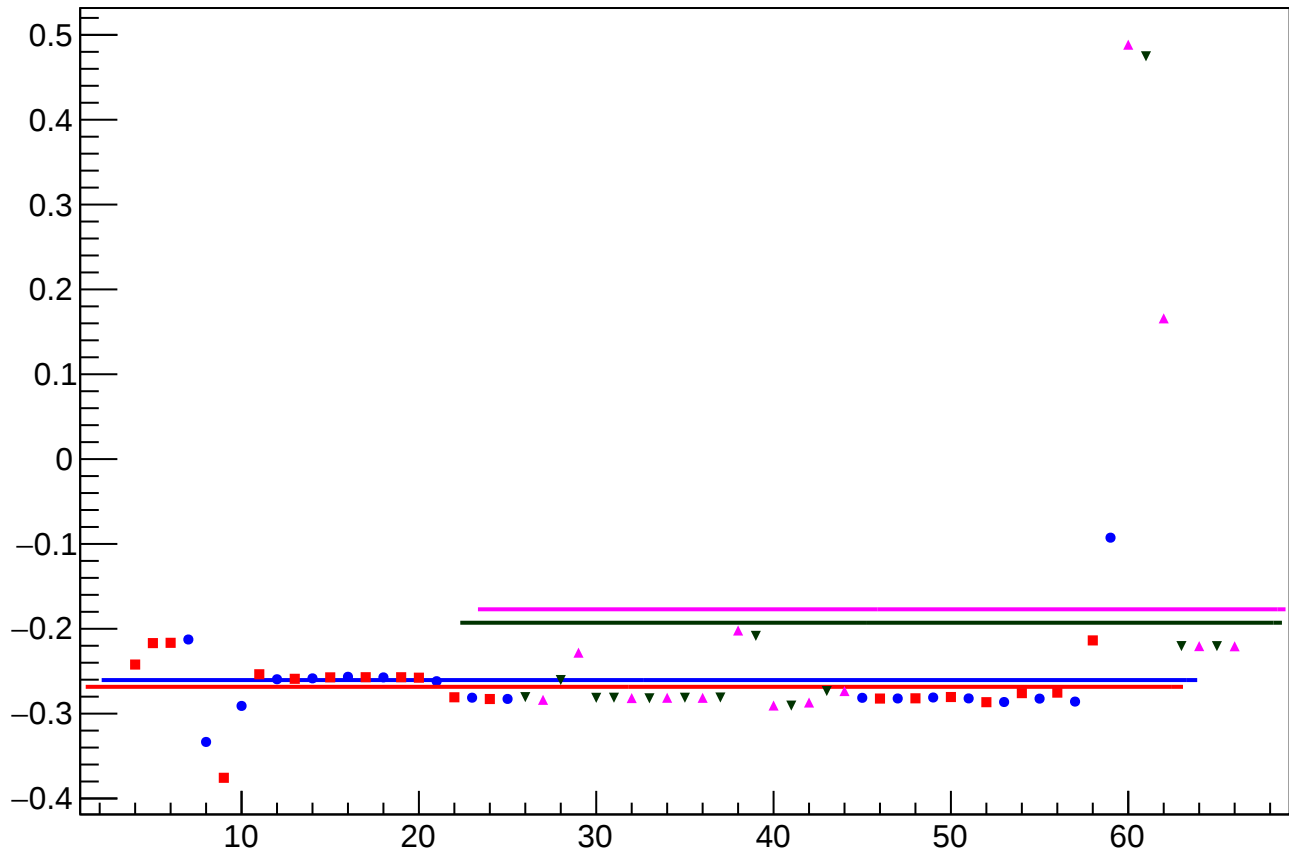
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 723608.8/12

0.005+/-0.000 χ^2/NDF : 2504747.1/30

0.005+/-0.000 χ^2/NDF : 2559717.7/31

yield_bpm16Y_mean vs slug



Right In: -0.260+/-0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.193+/-0.000 χ^2/NDF : 41660833442.0/12

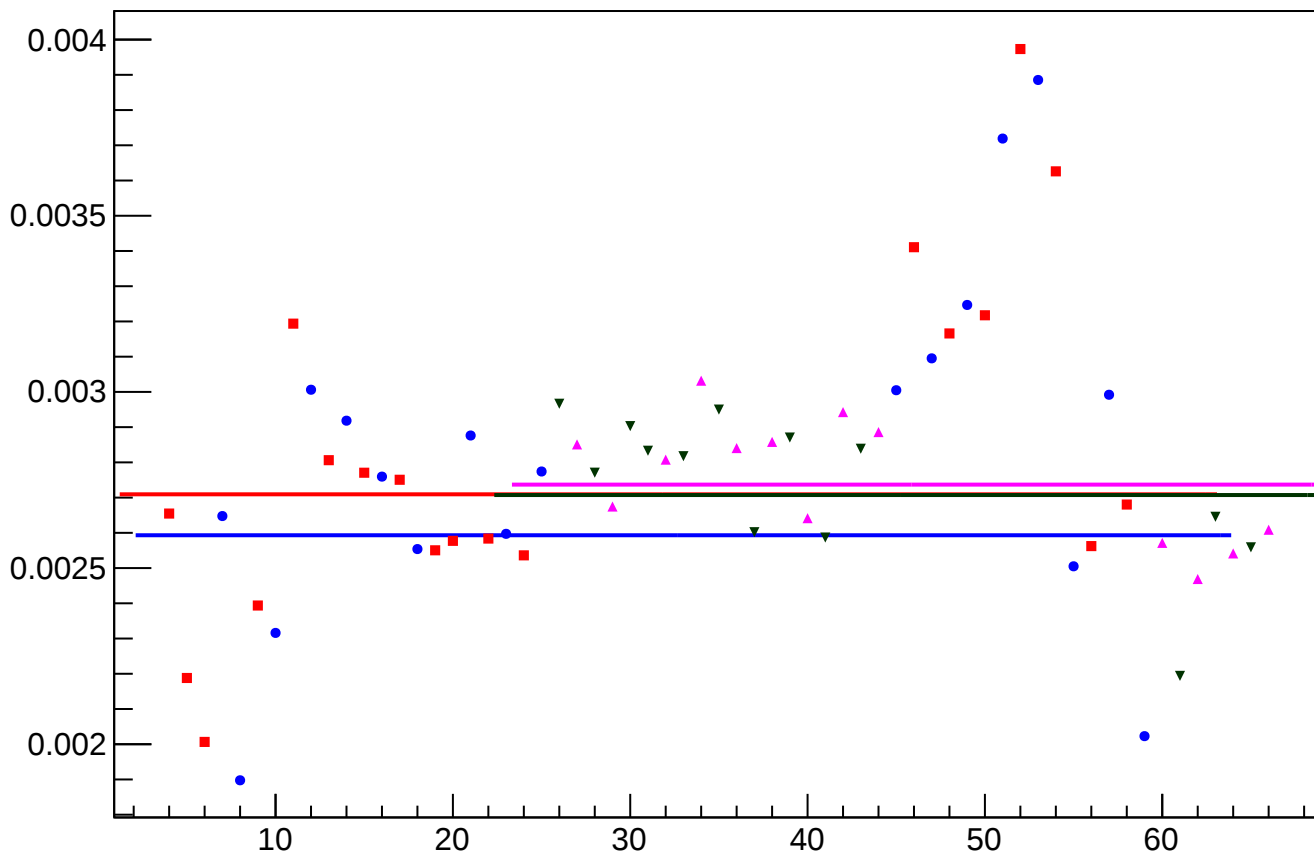
Right Out: -0.268+/-0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.177+/-0.000 χ^2/NDF : 43882670558.7/12

-0.236+/-0.000 χ^2/NDF : 51125039718.5/30

-0.229+/-0.000 χ^2/NDF : 50701809204.4/31

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 : 80179.7/12

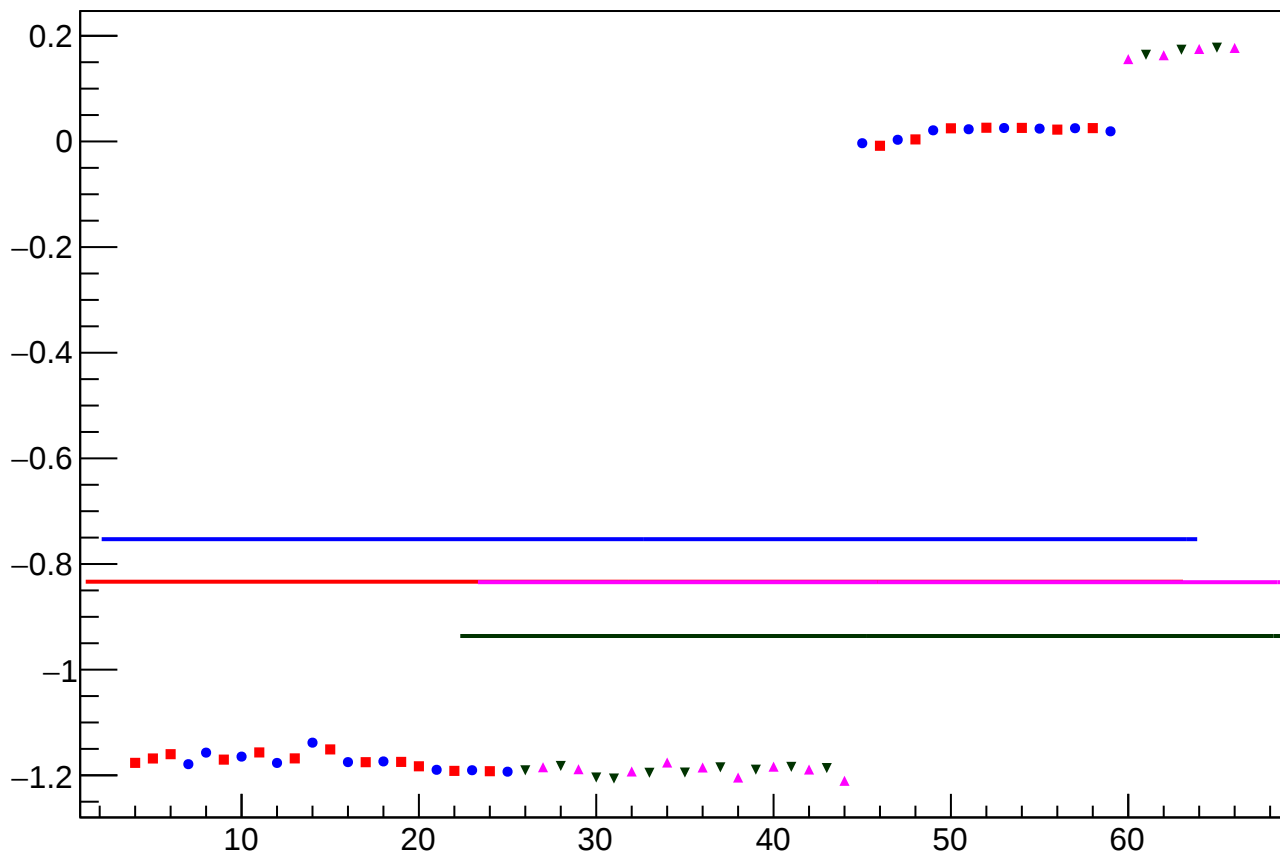
Right Out: 0.003 ± 0.000 χ^2/NDF : 476230.4/18

Left In: 0.003 ± 0.000 χ^2/NDF : 48839.9/12

0.003 ± 0.000 χ^2/NDF : 869050.6/30

0.003 ± 0.000 χ^2/NDF : 525910.9/31

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -0.936+/-0.000 χ^2/NDF : 28142066924.6/12

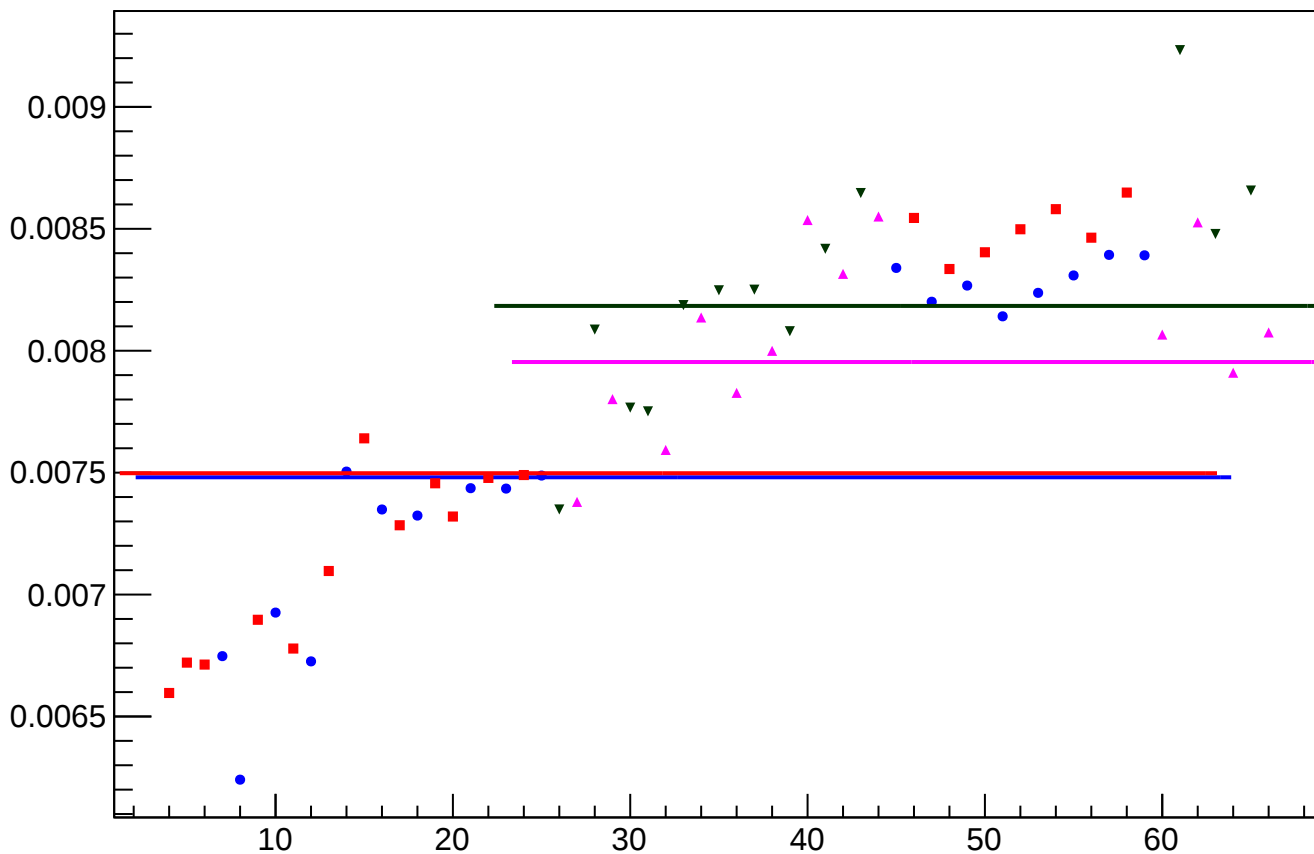
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.834+/-0.000 χ^2/NDF : 42814340345.0/12

-0.814+/-0.000 χ^2/NDF : 93892382704.9/30

-0.834+/-0.000 χ^2/NDF : 93147218179.9/31

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 : 37045.8/12

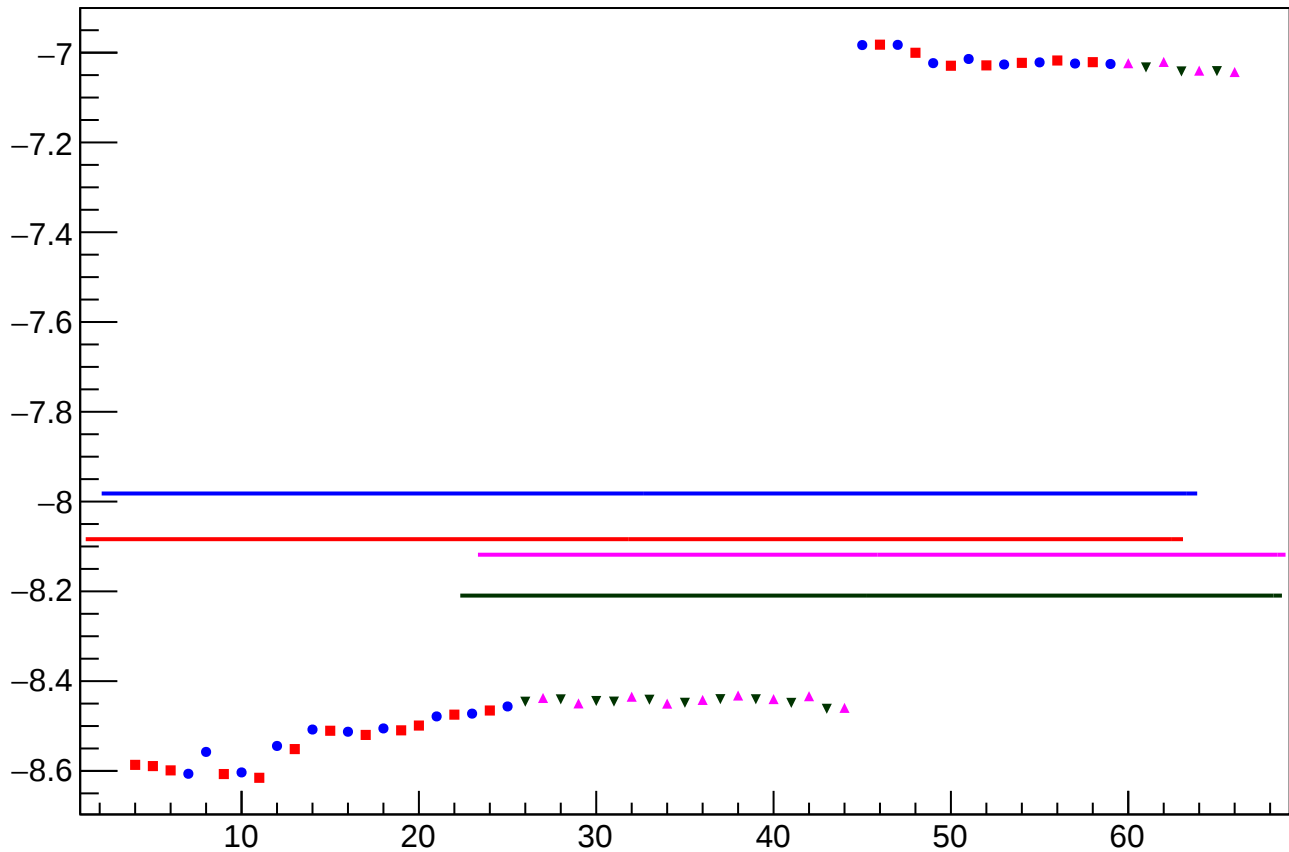
Right Out: 0.007 ± 0.000 χ^2/NDF : 167417.2/18

Left In: 0.008 ± 0.000 χ^2/NDF : 31523.1/12

0.008 ± 0.000 χ^2/NDF : 298578.4/30

0.008 ± 0.000 χ^2/NDF : 228574.9/31

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -8.209+/-0.000 χ^2/NDF : 34395425622.0/12

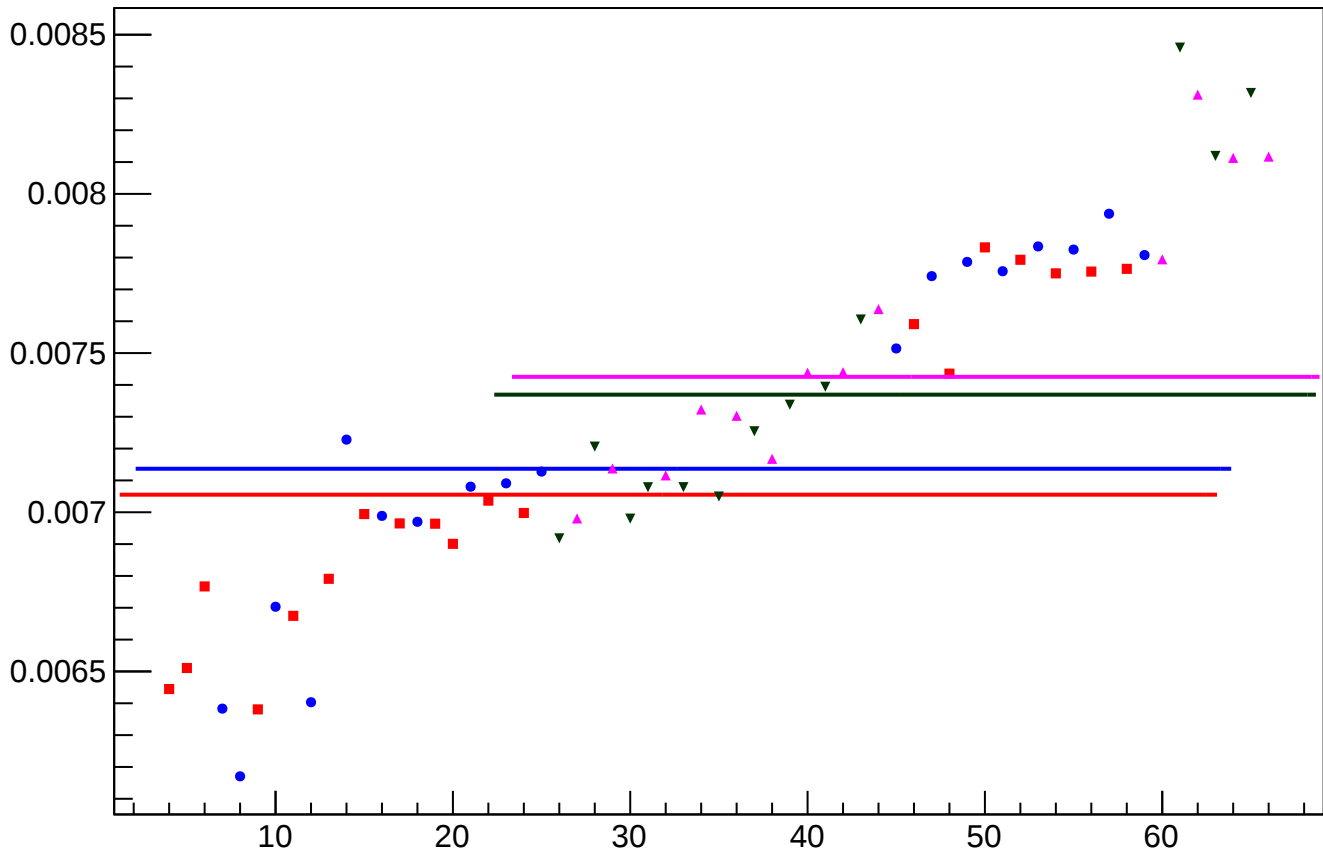
-8.065+/-0.000 χ^2/NDF : 155029155977.3/30

Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

-8.098+/-0.000 χ^2/NDF : 148689212501.5/31

Left In: -8.118+/-0.000 χ^2/NDF : 49084362230.2/12

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 : 50271.8/12

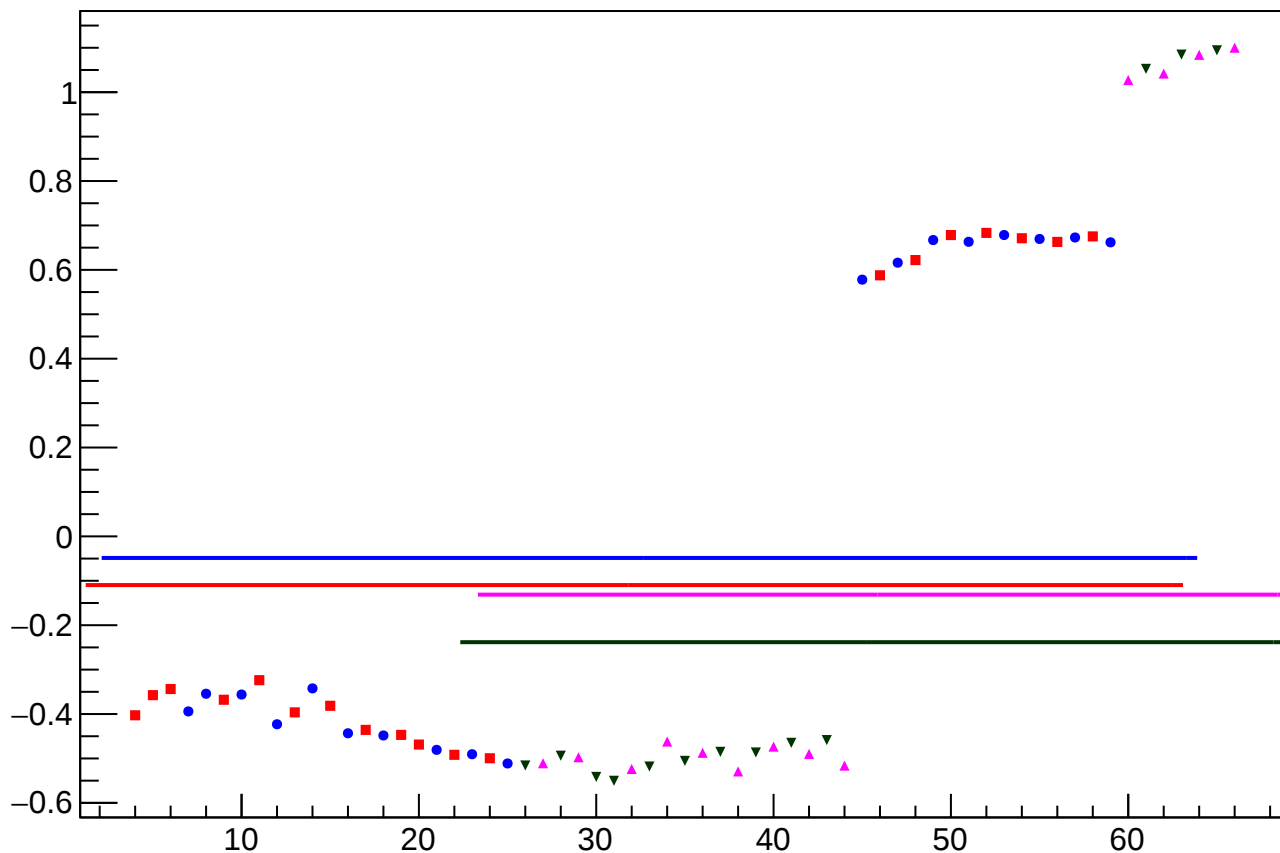
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.007+/-0.000 χ^2/NDF : 44502.5/12

0.007+/-0.000 χ^2/NDF : 200274.8/30

0.007+/-0.000 χ^2/NDF : 155875.3/31

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: -0.238+/-0.000 χ^2/NDF : 5338981799.9/12

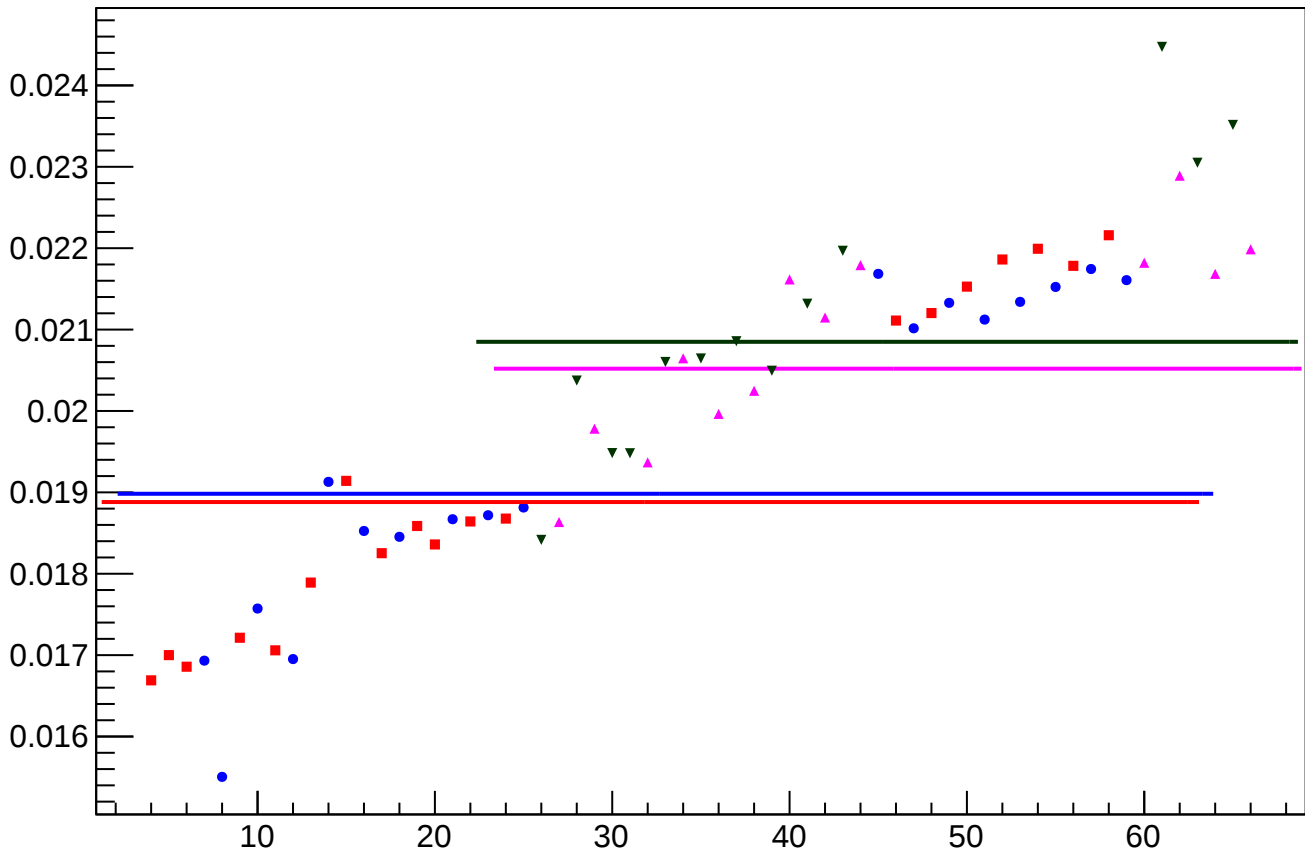
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: -0.131+/-0.000 χ^2/NDF : 8019538079.4/12

-0.112+/-0.000 χ^2/NDF : 13513308826.1/30

-0.118+/-0.000 χ^2/NDF : 14283695227.5/31

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 : 70770.2/12

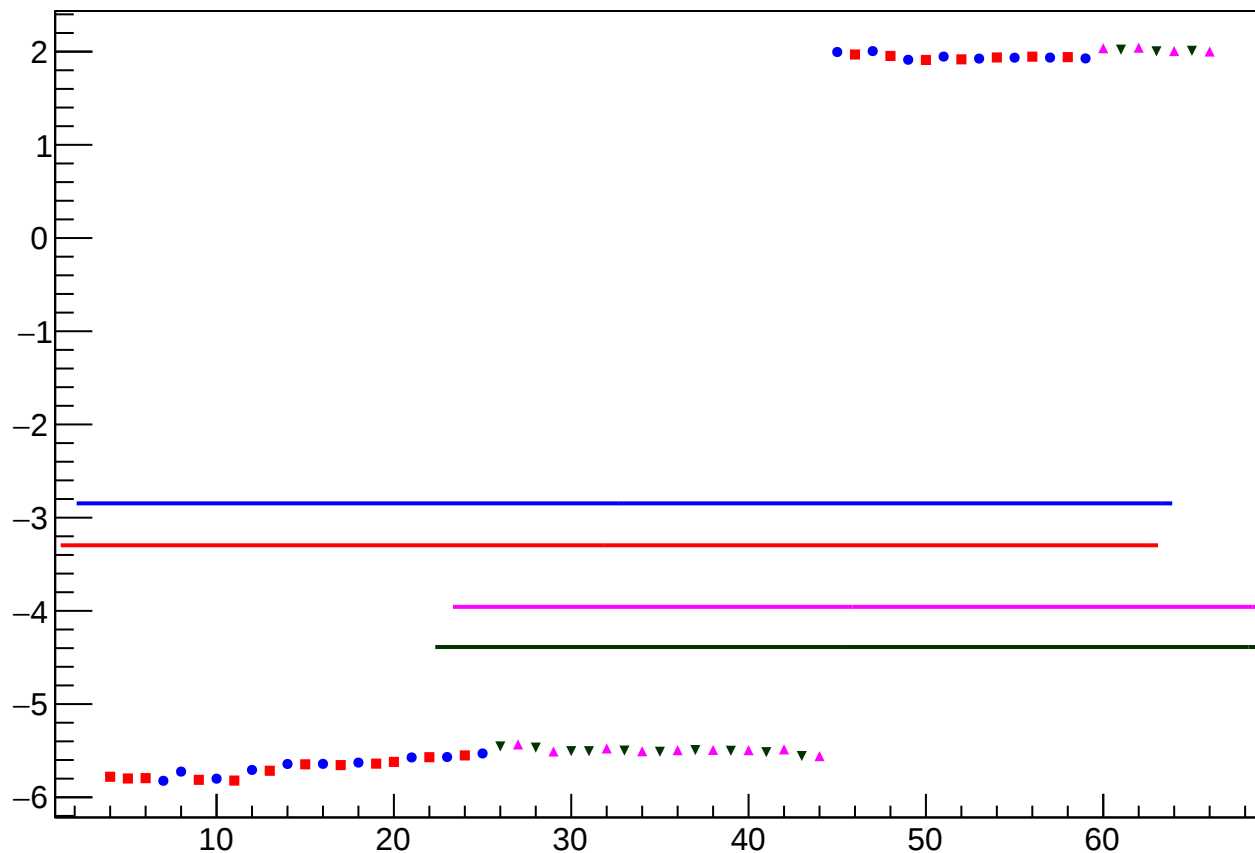
0.020+/-0.000 χ^2/NDF : 397017.4/30

Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

0.020+/-0.000 χ^2/NDF : 304528.5/31

Left In: 0.021+/-0.000 χ^2/NDF : 55355.4/12

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -4.388+/-0.000 χ^2/NDF : 309816359768.4/12

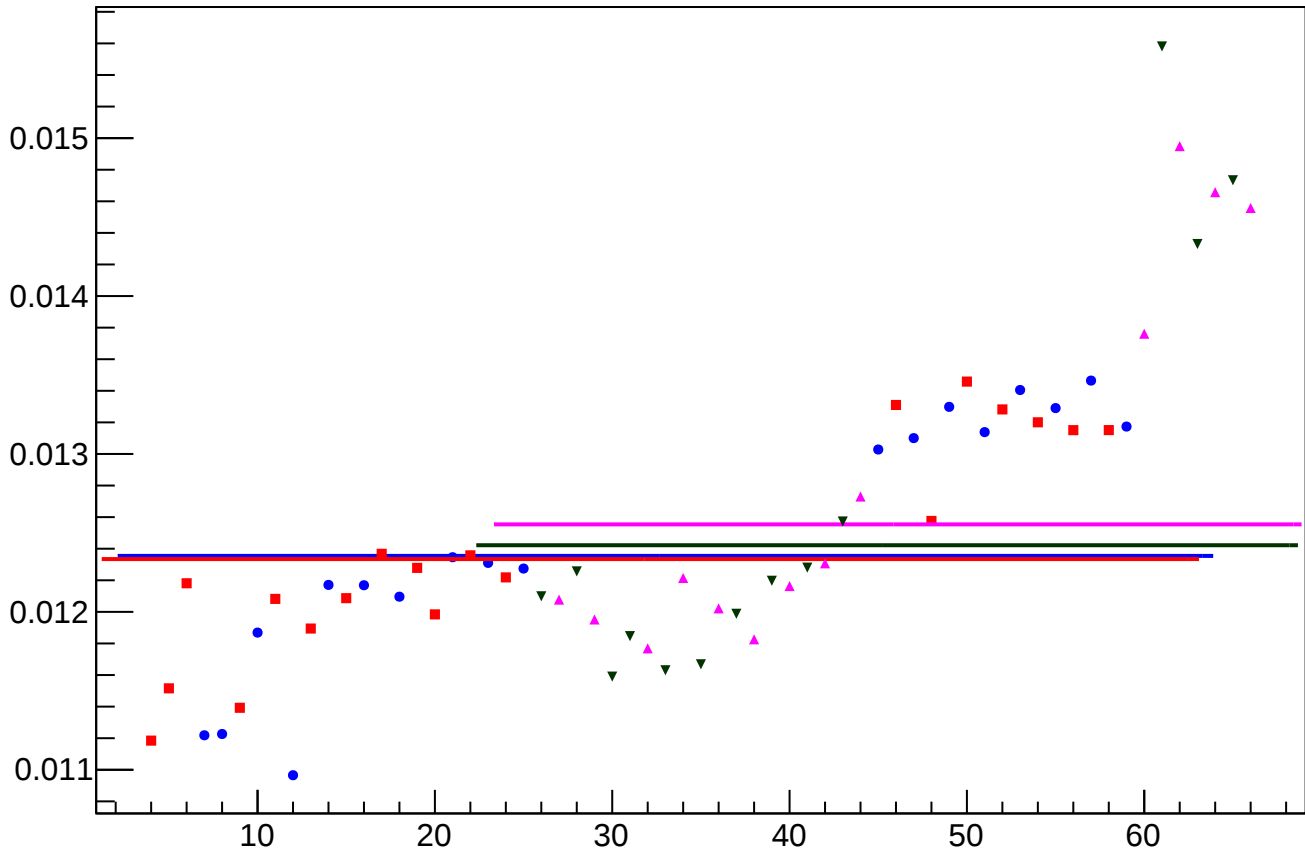
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -3.957+/-0.000 χ^2/NDF : 444928169730.6/12

-3.423+/-0.000 χ^2/NDF : 1362683273704.8/30

-3.579+/-0.000 χ^2/NDF : 1276095946179.3/31

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 : 94972.5/12

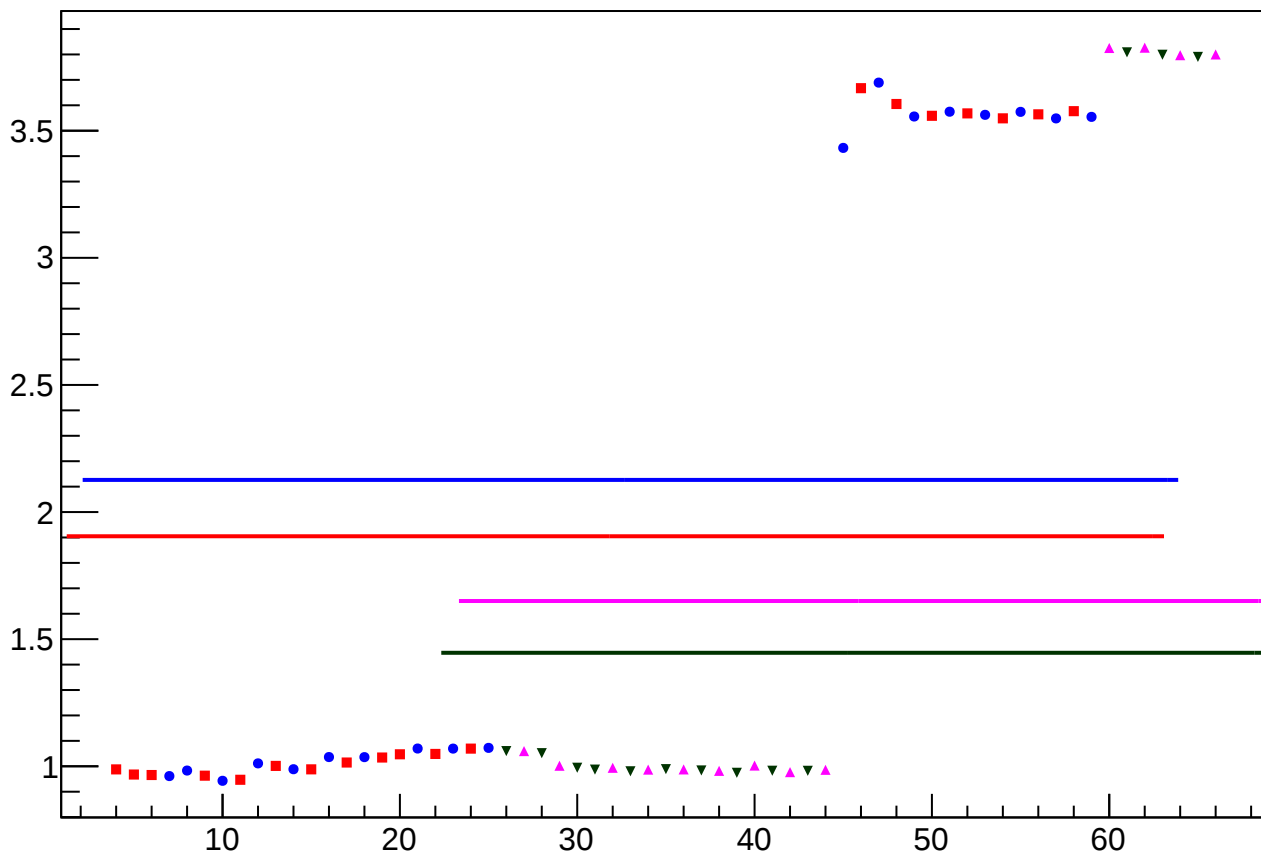
Right Out: 0.012 ± 0.000 χ^2/NDF : 54886.5/18

Left In: 0.013 ± 0.000 χ^2/NDF : 97492.1/12

0.012 ± 0.000 χ^2/NDF : 185066.2/30

0.012 ± 0.000 χ^2/NDF : 155058.2/31

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 1.446+/-0.000 χ^2/NDF : 118853151304.7/12

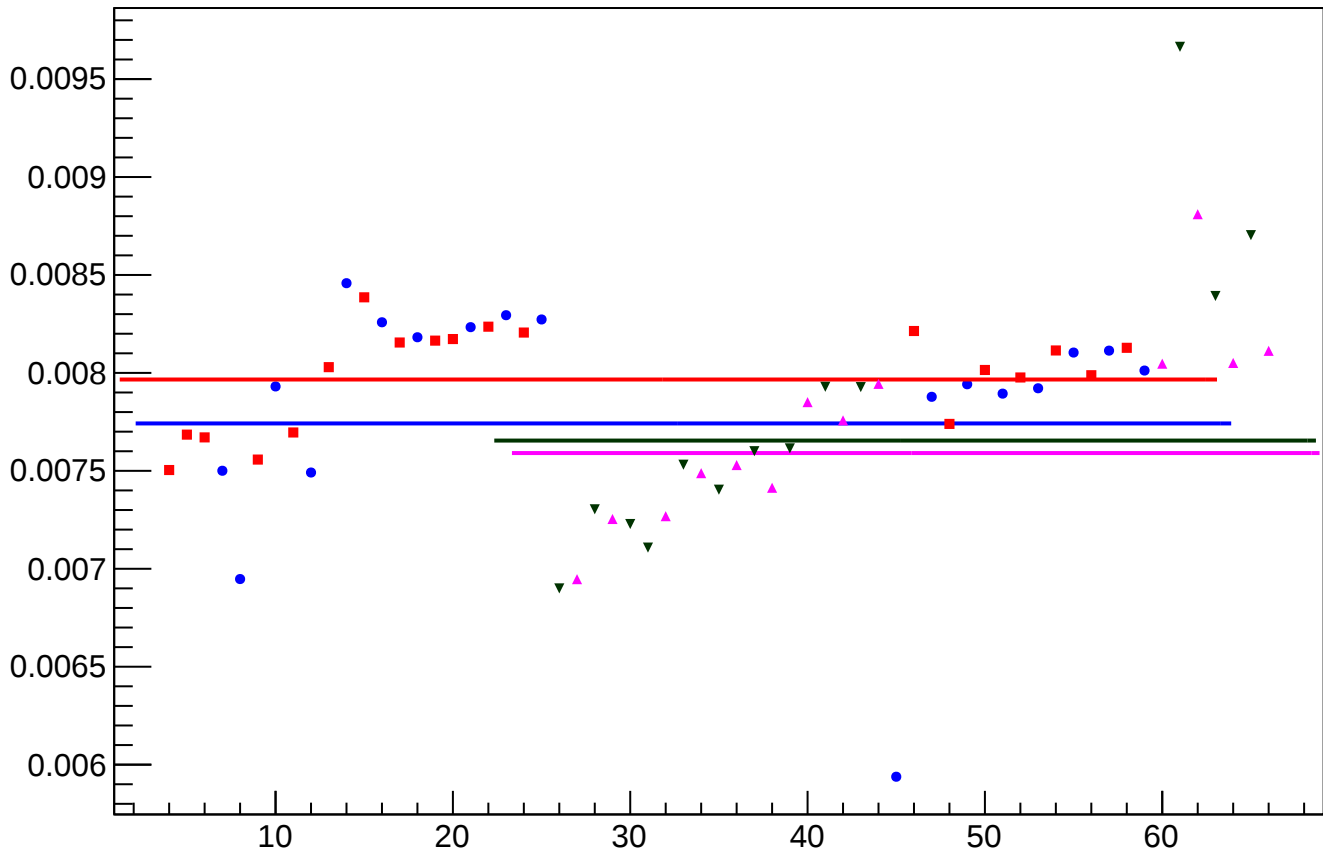
Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

Left In: 1.650+/-0.000 χ^2/NDF : 183974575238.8/12

1.867+/-0.000 χ^2/NDF : 443973750504.1/30

1.788+/-0.000 χ^2/NDF : 424614820437.3/31

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 178907.2/17

Left Out: 0.008+/-0.000 χ^2/NDF : 83458.6/12

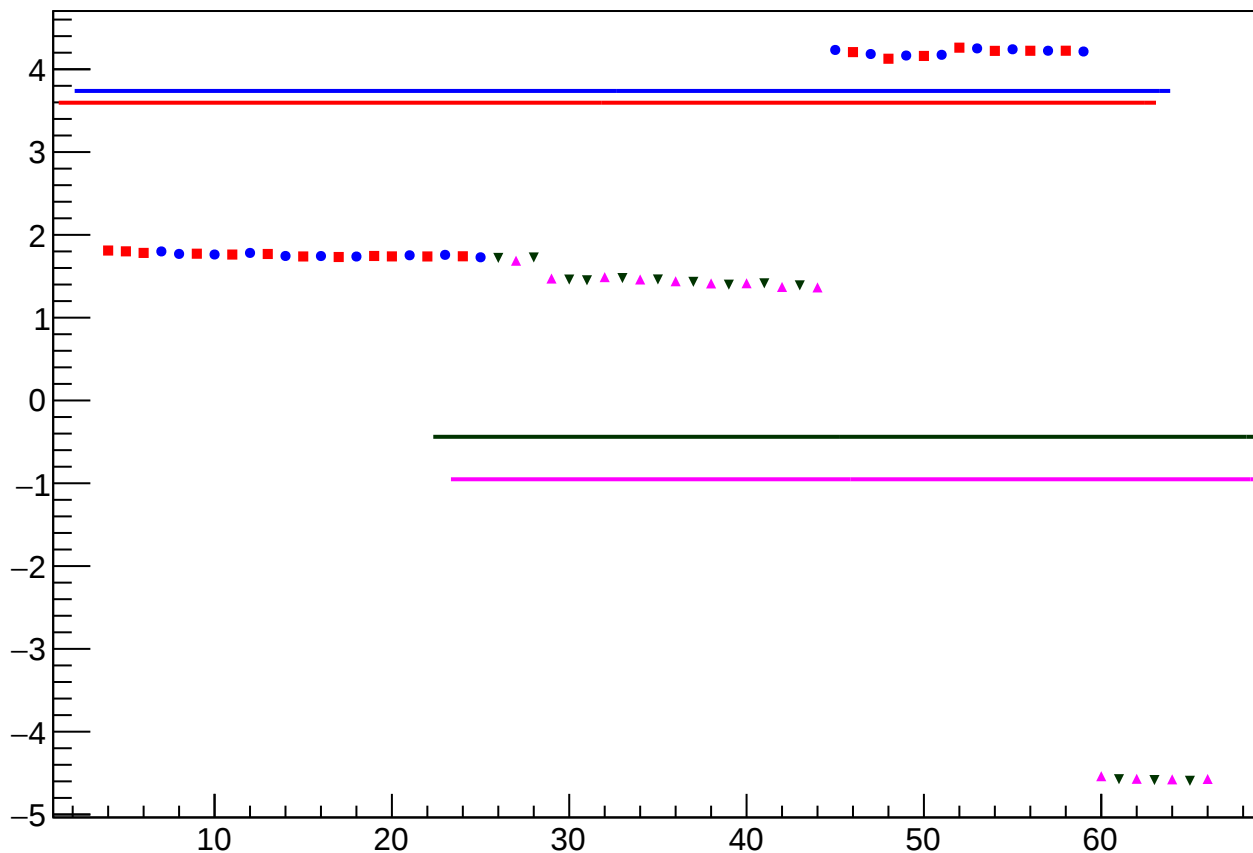
Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

Left In: 0.008+/-0.000 χ^2/NDF : 54268.8/12

0.008+/-0.000 χ^2/NDF : 263440.3/30

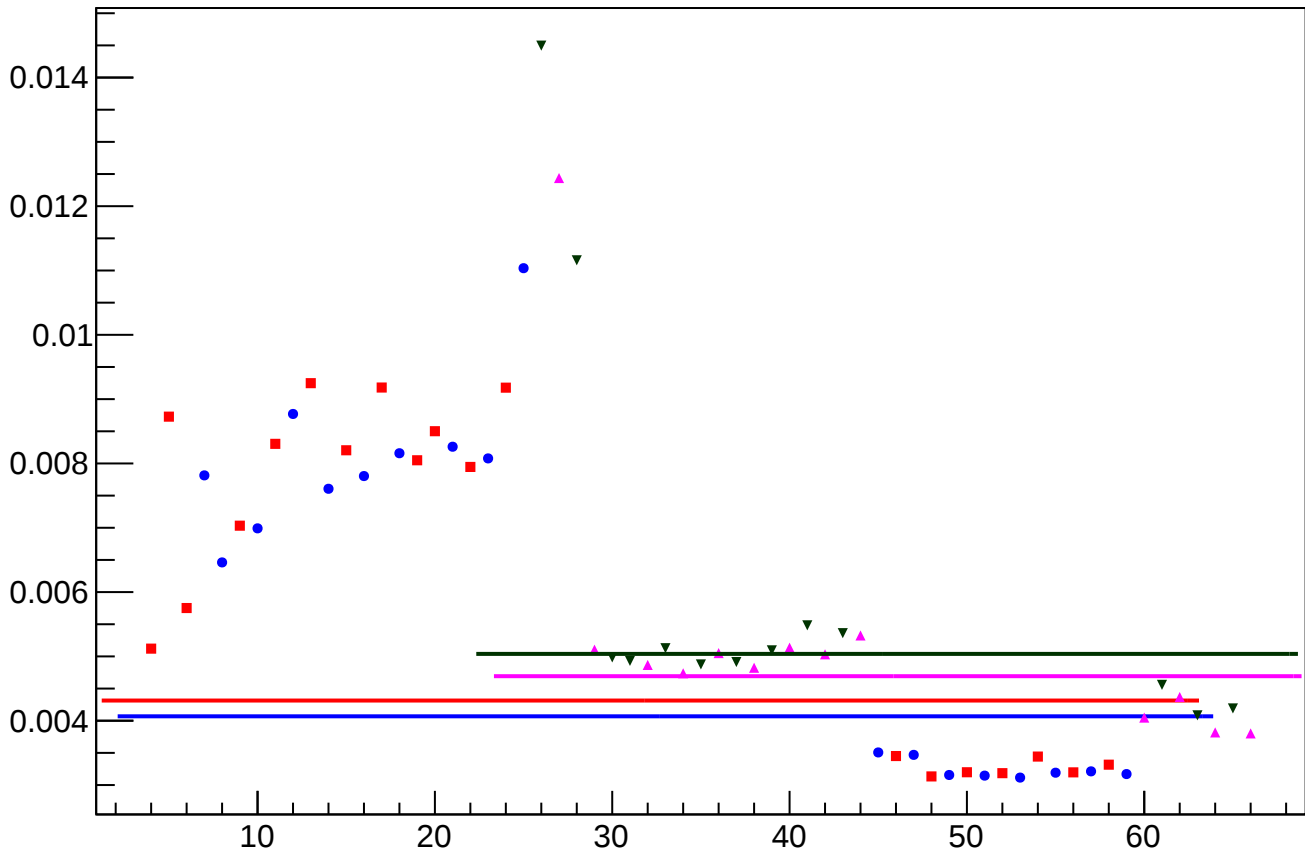
0.008+/-0.000 χ^2/NDF : 94413.3/31

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000	χ^2/NDF : 502669373965.6/17	2.482+/-0.000	χ^2/NDF : 5152024209378.7/30
Left Out: -0.439+/-0.000	χ^2/NDF : 1818037806581.5/12	1.657+/-0.000	χ^2/NDF : 6882161722442.7/31
Right Out: 3.596+/-0.000	χ^2/NDF : 468031292414.6/18		
Left In: -0.952+/-0.000	χ^2/NDF : 2705519494222.9/12		

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 : 898237.1/12

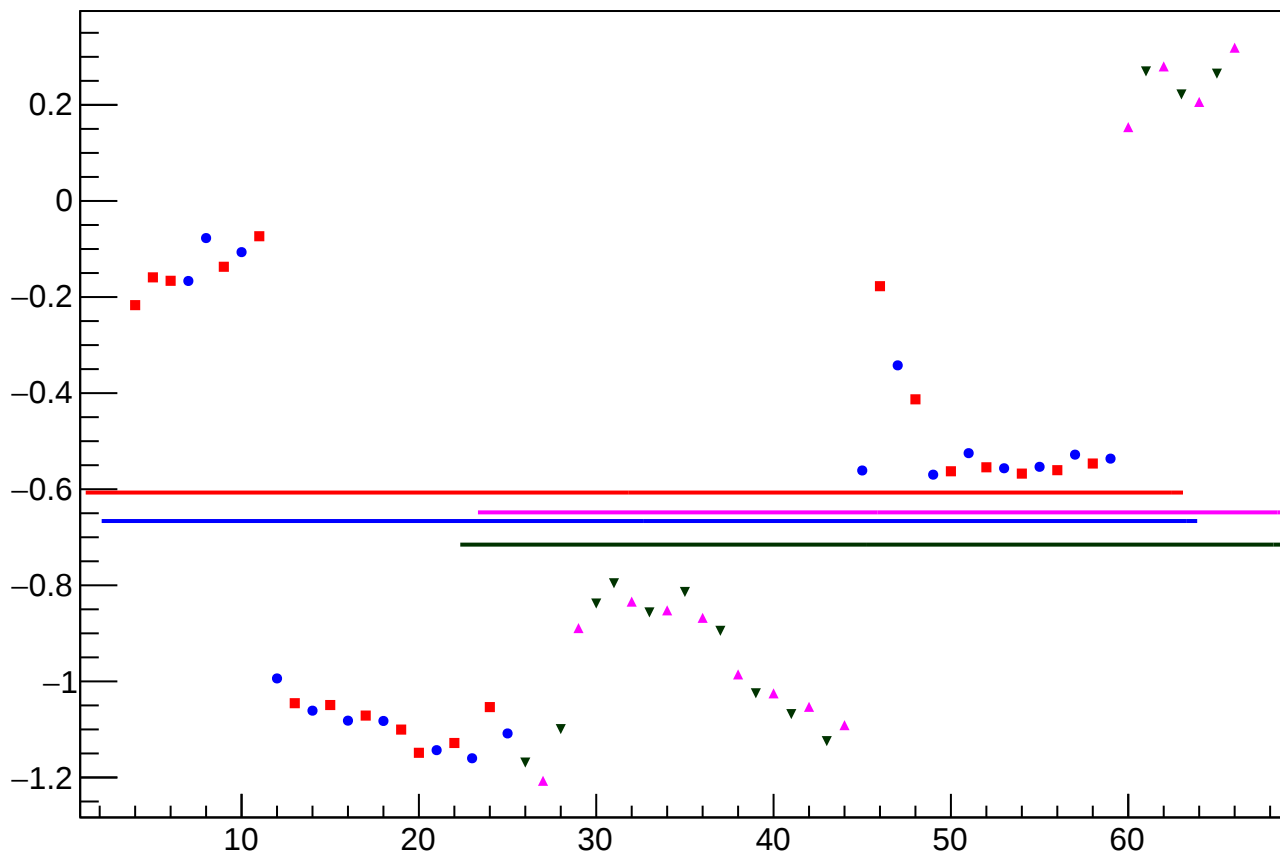
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF : 745809.5/12

0.004+/-0.000 χ^2/NDF : 4605637.1/30

0.004+/-0.000 χ^2/NDF : 4038449.3/31

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.715+/-0.000 χ^2/NDF : 20442698882.5/12

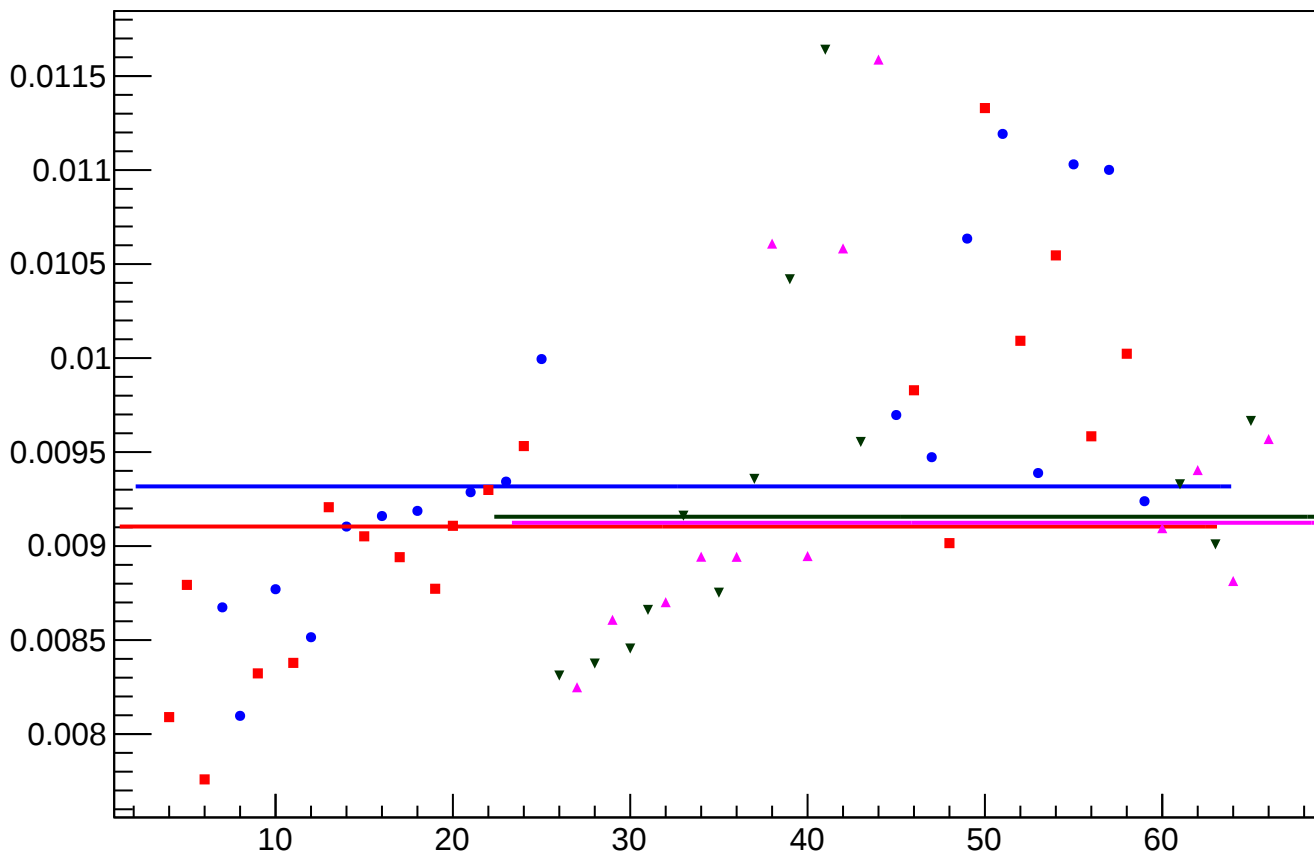
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.648+/-0.000 χ^2/NDF : 27422221132.5/12

-0.685+/-0.000 χ^2/NDF : 39694684104.3/30

-0.625+/-0.000 χ^2/NDF : 46726279769.6/31

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 :107647.2/12

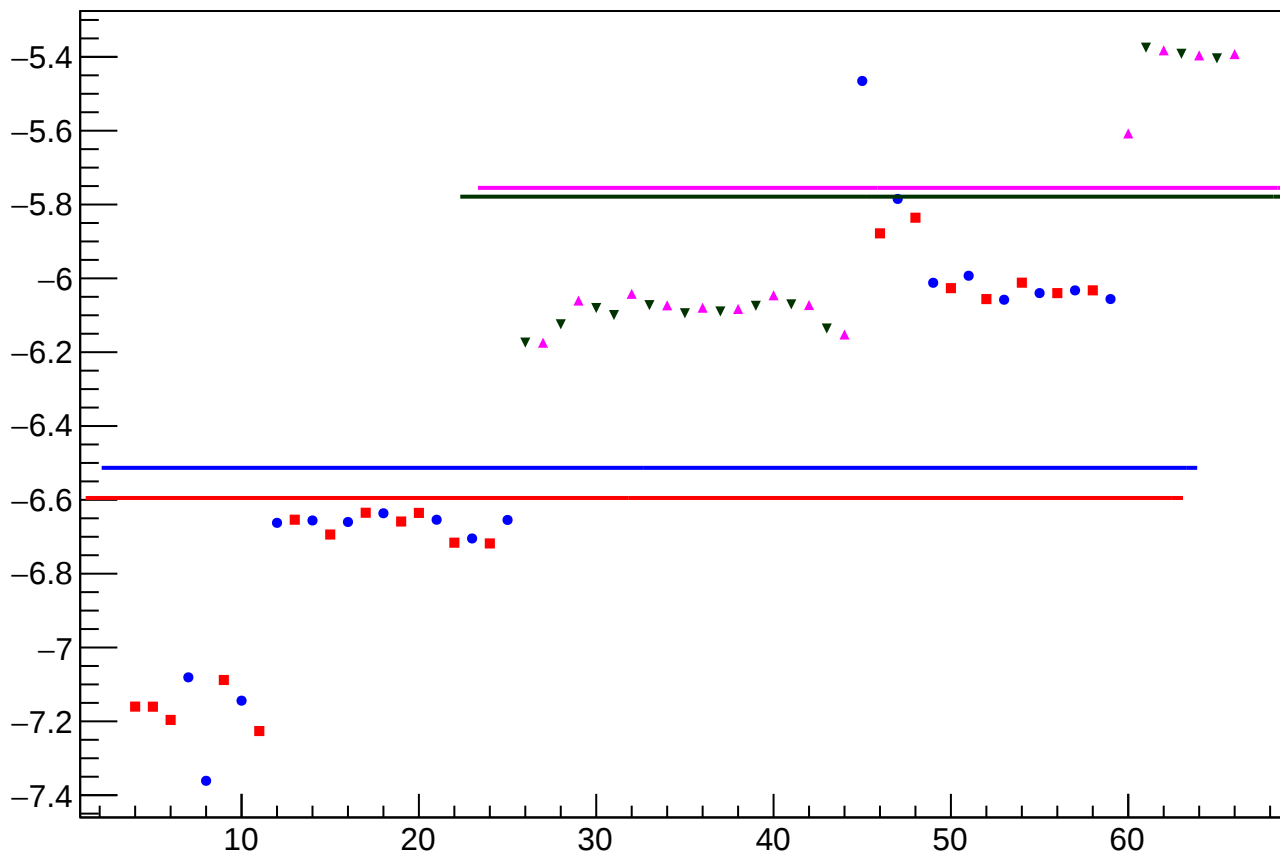
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :120112.2/12

0.009+/-0.000 χ^2/NDF : 275931.2/30

0.009+/-0.000 χ^2/NDF : 279245.7/31

yield_bpm0l01Y_mean vs slug



Right In: -6.513+/-0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.779+/-0.000 χ^2/NDF : 12598790497.8/12

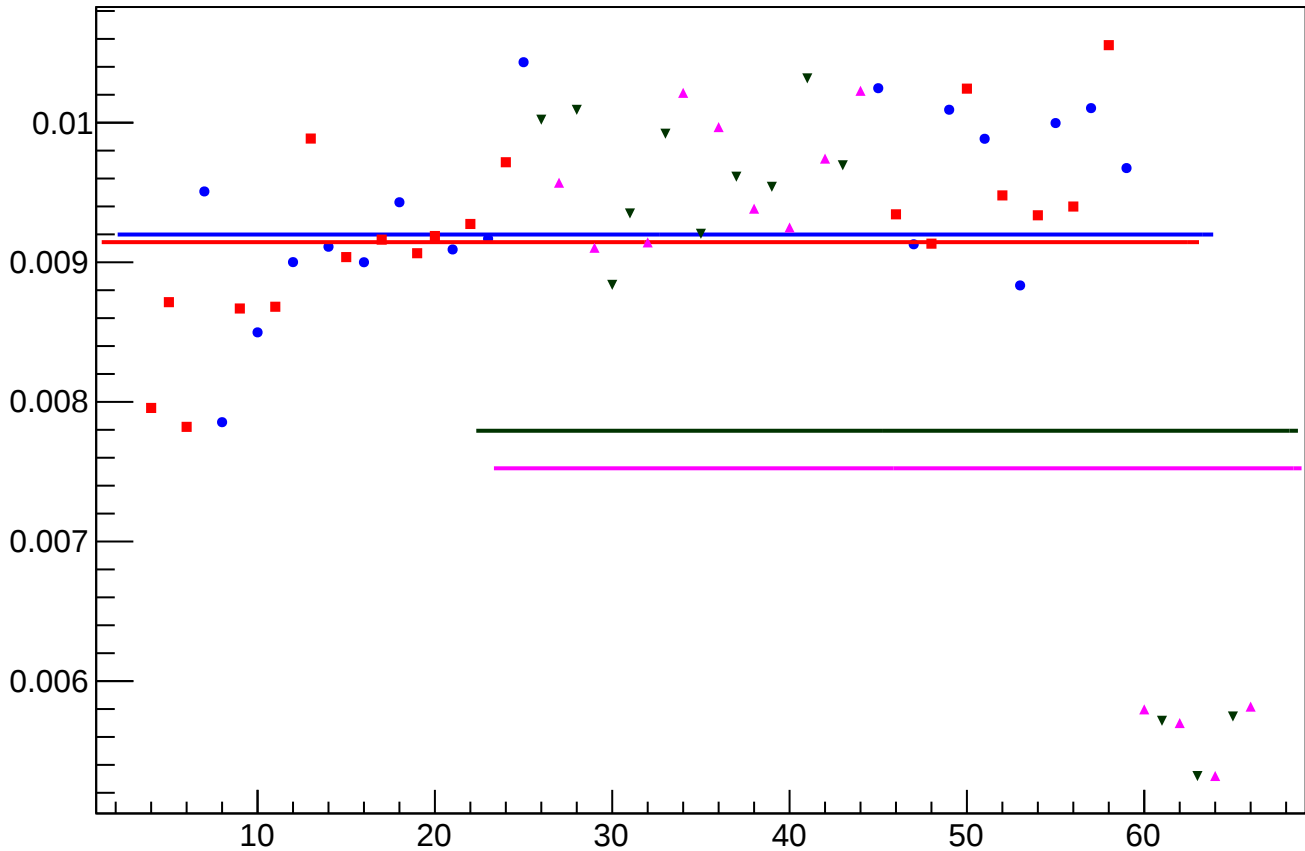
Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.755+/-0.000 χ^2/NDF : 13500858800.2/12

-6.190+/-0.000 χ^2/NDF : 77122870674.1/30

-6.156+/-0.000 χ^2/NDF : 81213438237.0/31

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.008+/-0.000 χ^2/NDF : 851632.6/12

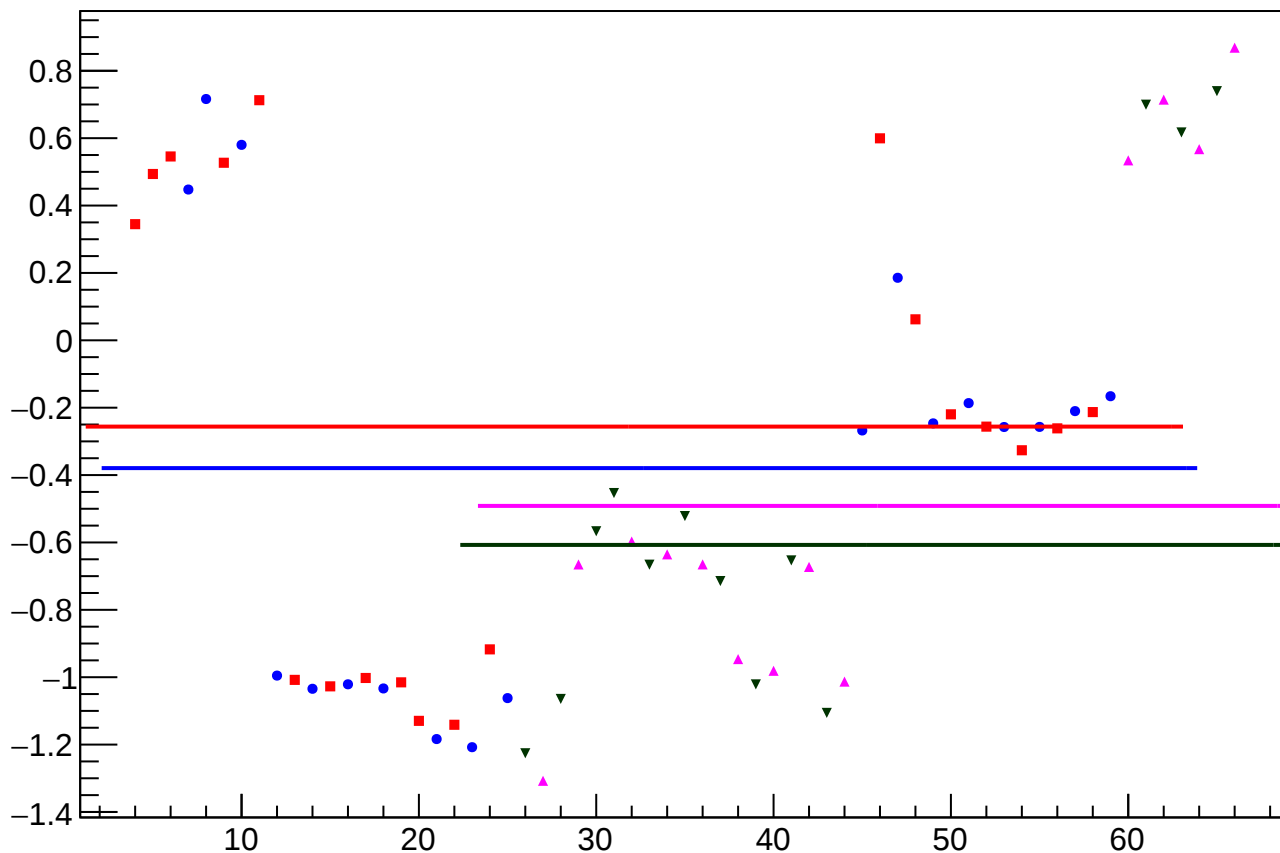
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.008+/-0.000 χ^2/NDF : 960517.2/12

0.009+/-0.000 χ^2/NDF : 1194924.2/30

0.008+/-0.000 χ^2/NDF : 1373570.2/31

yield_bpm0l02X_mean vs slug



Right In: -0.379+/-0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.607+/-0.000 χ^2/NDF :10572356512.9/12

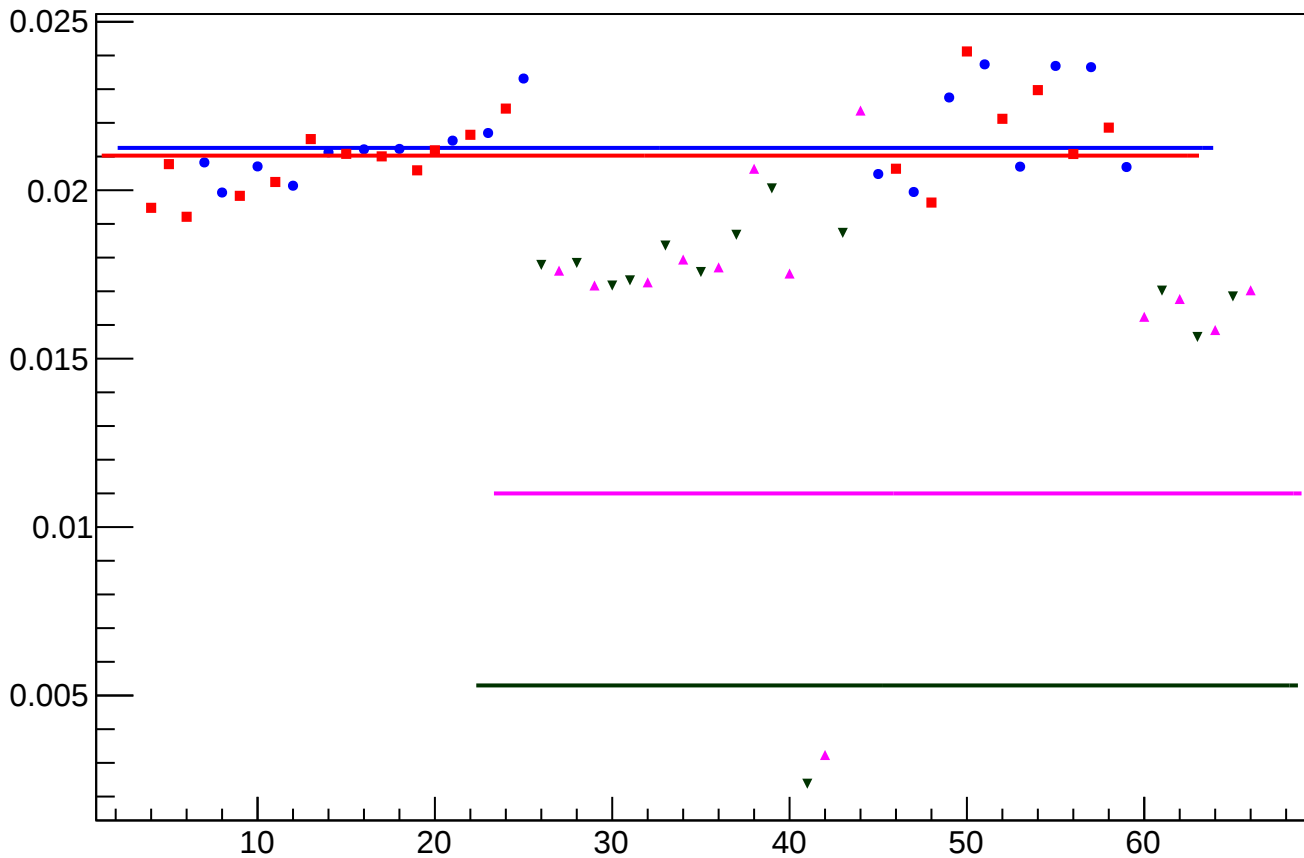
Right Out: -0.256+/-0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.491+/-0.000 χ^2/NDF :13832507745.2/12

-0.563+/-0.000 χ^2/NDF : 21732062970.2/30

-0.411+/-0.000 χ^2/NDF : 24738841433.0/31

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 : 7375042.9/12

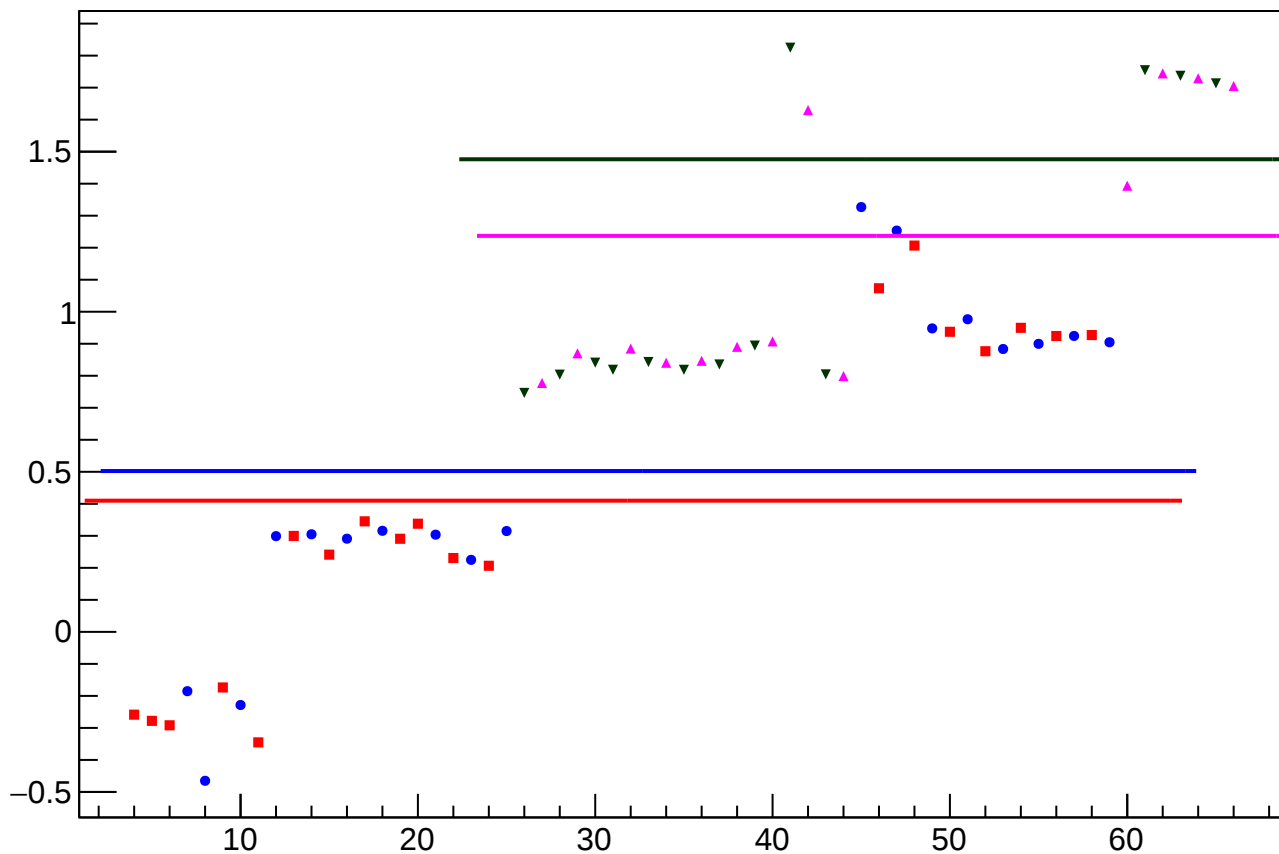
Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

Left In: 0.011+/-0.000 χ^2/NDF : 4373575.4/12

0.008+/-0.000 χ^2/NDF : 17461667.0/30

0.014+/-0.000 χ^2/NDF : 7351818.8/31

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.476 $\pm$ 0.000 χ^2 /NDF:21339109316.7/12

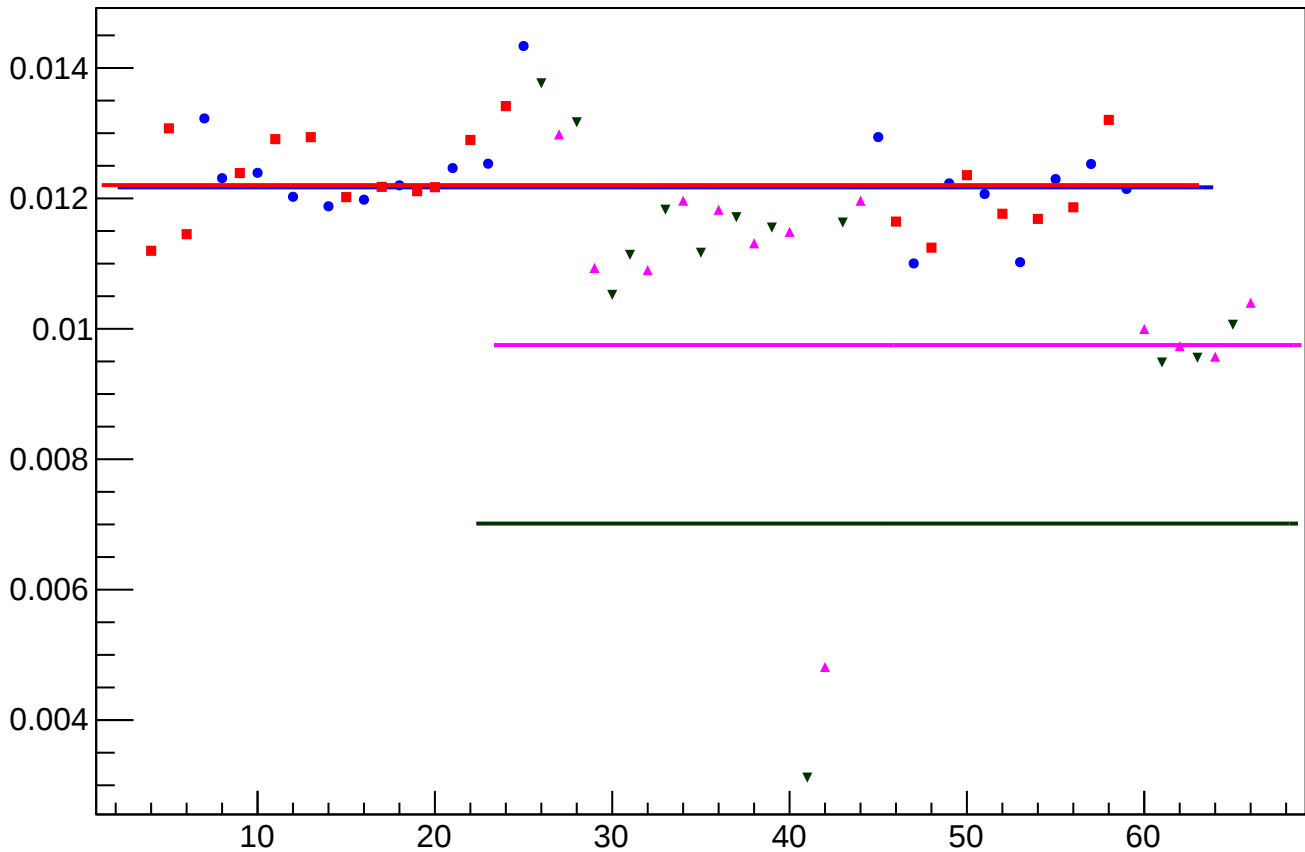
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.237 $\pm$ 0.000 χ^2 /NDF:11646793806.5/12

1.062 $\pm$ 0.000 χ^2 /NDF: 80755026092.8/30

0.848 $\pm$ 0.000 χ^2 /NDF: 51503074878.8/31

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:3310713.7/12

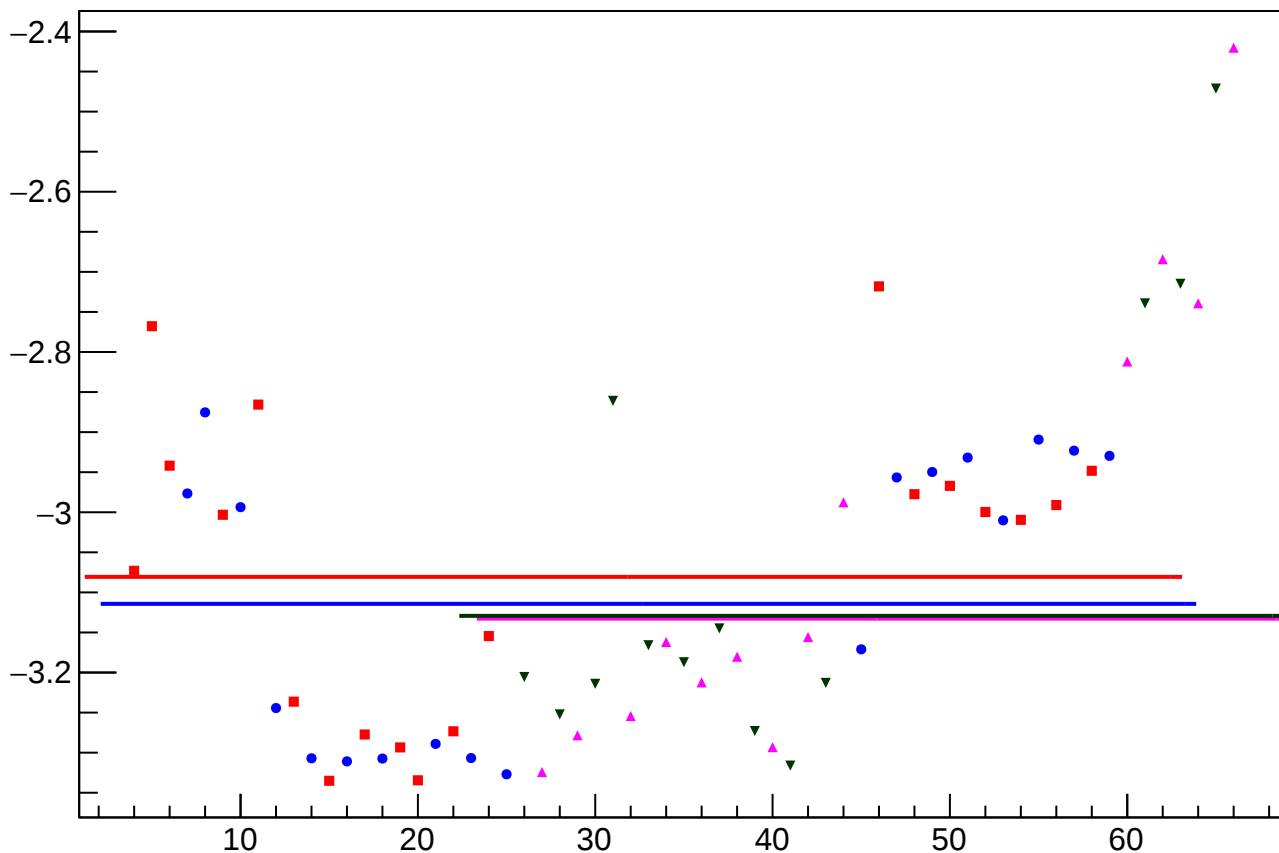
0.009 $\pm$ 0.000 χ^2 /NDF: 5613711.2/30

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1449564.2/31

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:984646.9/12

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.129+/-0.000 χ^2/NDF : 5785430919.9/12

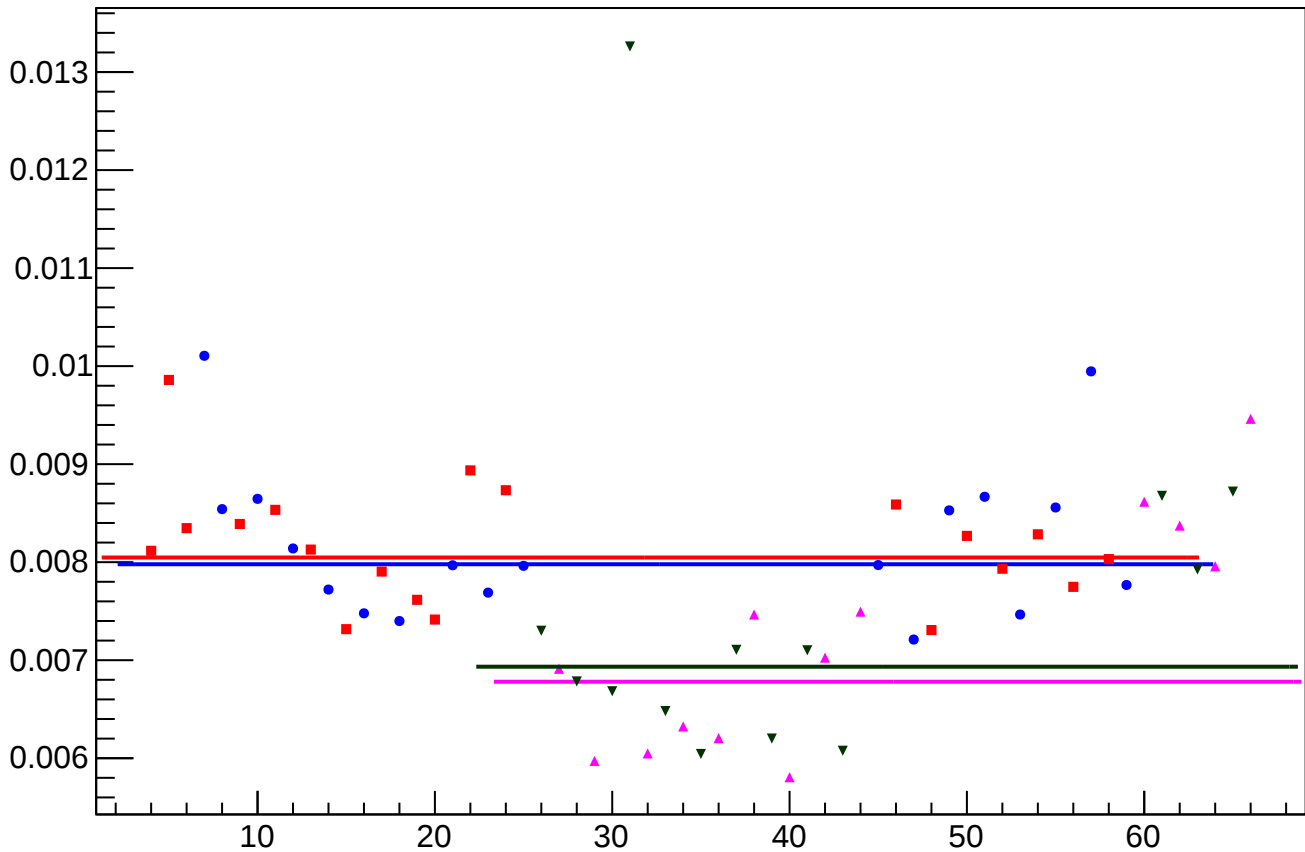
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.133+/-0.000 χ^2/NDF : 7752125346.3/12

-3.121+/-0.000 χ^2/NDF : 10427905850.9/30

-3.108+/-0.000 χ^2/NDF : 11776957843.6/31

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 : 267680.3/12

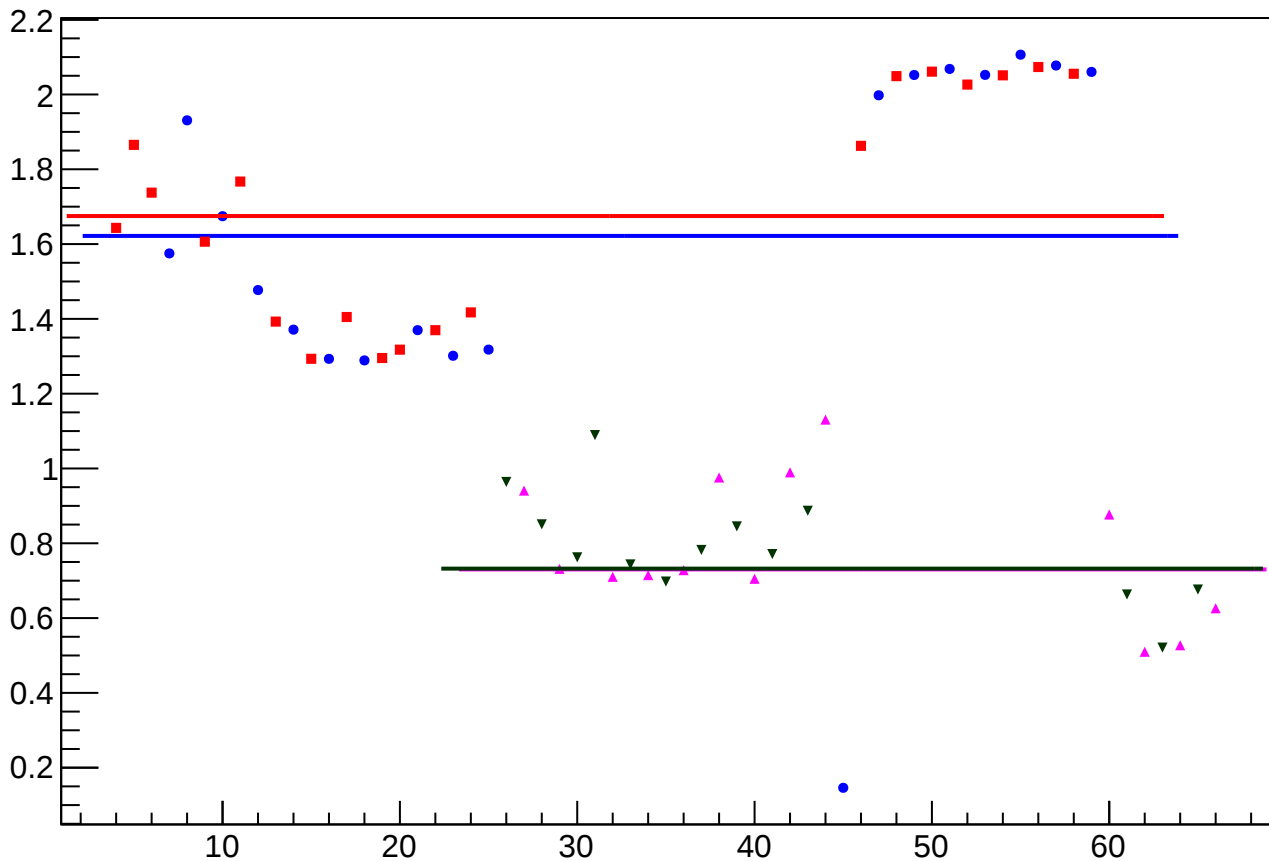
Right Out: 0.008 ± 0.000 χ^2/NDF : 57509.8/18

Left In: 0.007 ± 0.000 χ^2/NDF : 277670.5/12

0.008 ± 0.000 χ^2/NDF : 507260.4/30

0.007 ± 0.000 χ^2/NDF : 554405.3/31

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.732 $\pm$ 0.000 χ^2 /NDF:1493248213.1/12

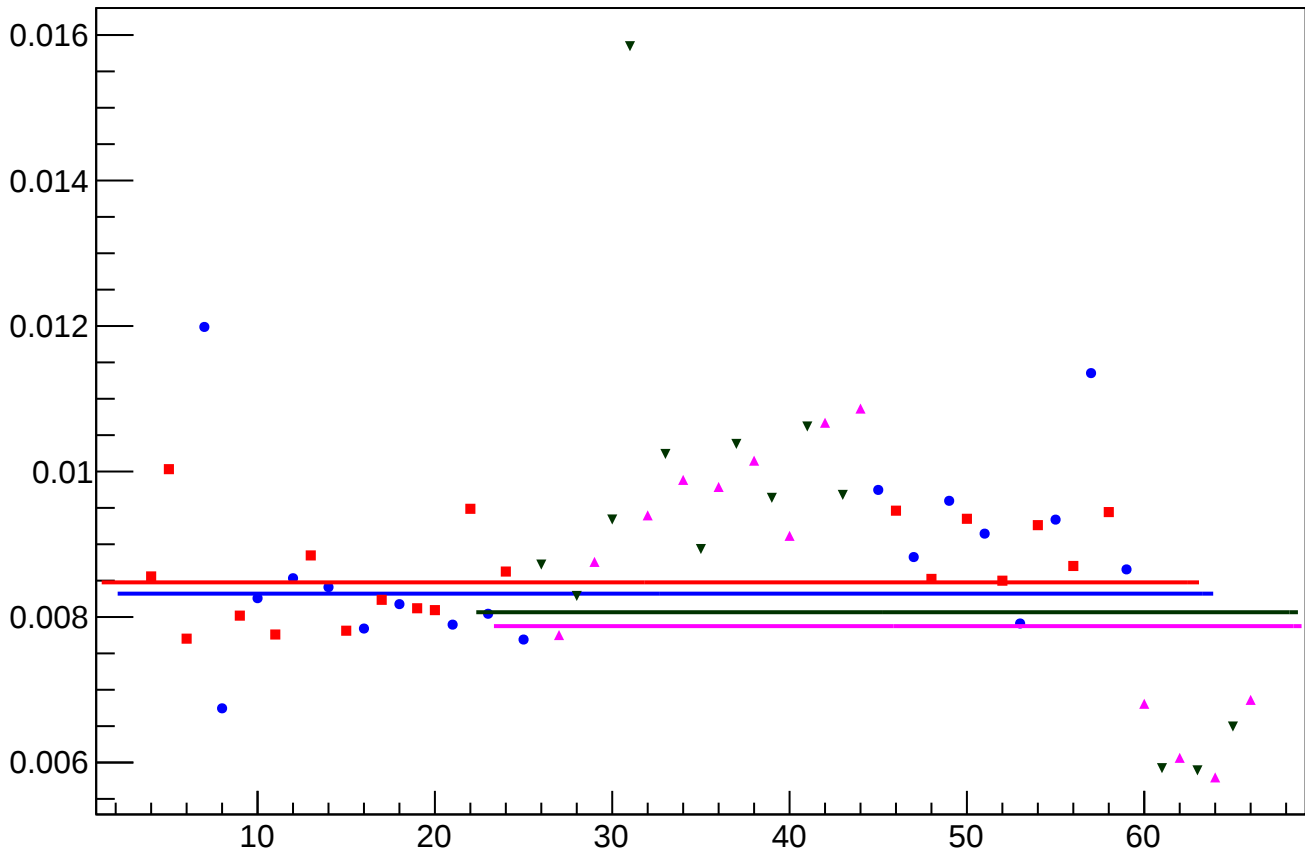
1.283 $\pm$ 0.000 χ^2 /NDF: 68294615826.8/30

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.223 $\pm$ 0.000 χ^2 /NDF: 61626327313.1/31

Left In: 0.730 $\pm$ 0.000 χ^2 /NDF:3150878812.3/12

yield_bpm0l03Y_rms vs slug



Right In: 0.008 ± 0.000 χ^2/NDF : 231289.2/17

Left Out: 0.008 ± 0.000 χ^2/NDF : 640740.1/12

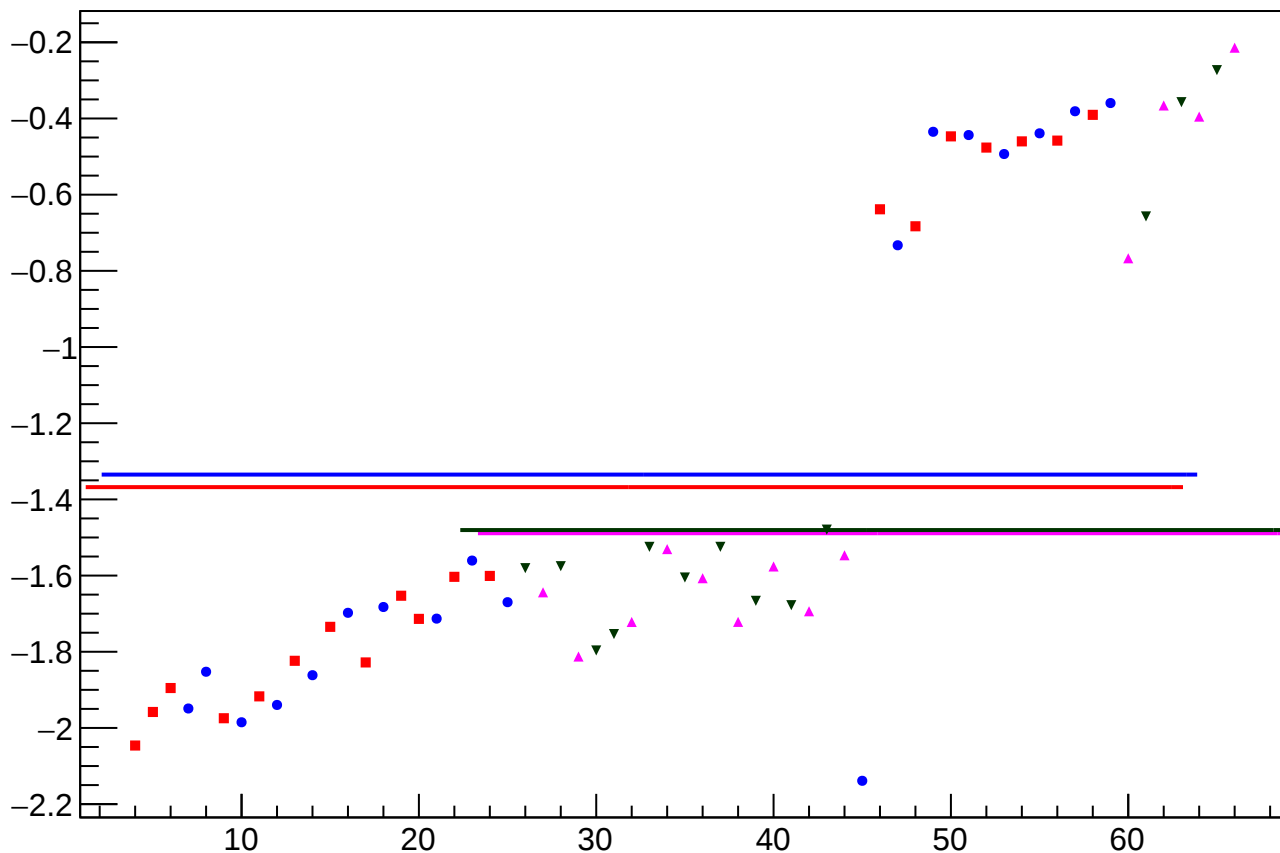
Right Out: 0.008 ± 0.000 χ^2/NDF : 80155.6/18

Left In: 0.008 ± 0.000 χ^2/NDF : 564388.7/12

0.008 ± 0.000 χ^2/NDF : 878753.2/30

0.008 ± 0.000 χ^2/NDF : 683995.4/31

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.480+/-0.000 χ^2/NDF : 6237675698.6/12

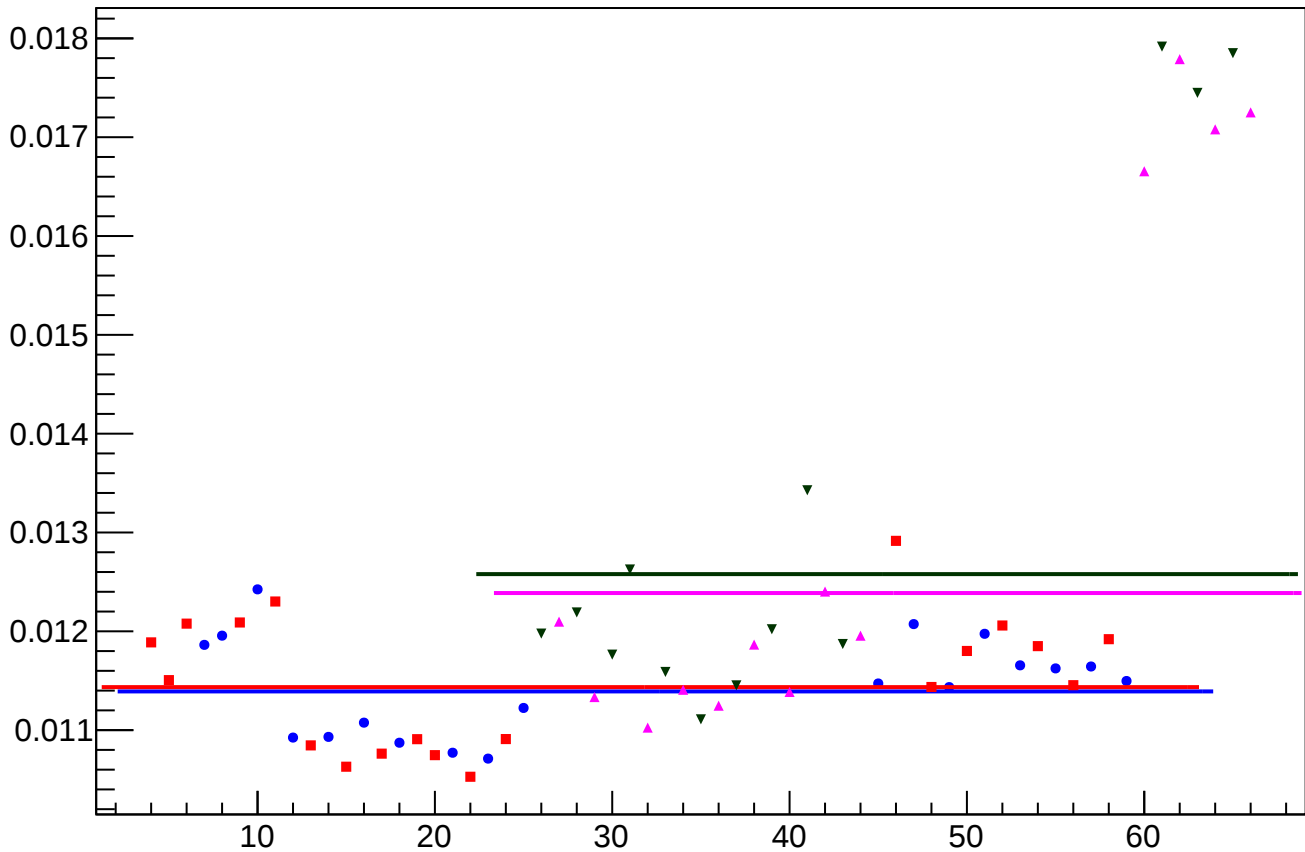
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.489+/-0.000 χ^2/NDF : 9698509270.7/12

-1.382+/-0.000 χ^2/NDF : 45224149295.7/30

-1.415+/-0.000 χ^2/NDF : 39188086394.4/31

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 $\chi^2/\text{NDF}: 41989.4/17$

Left Out: 0.013+/-0.000 $\chi^2/\text{NDF}: 295056.8/12$

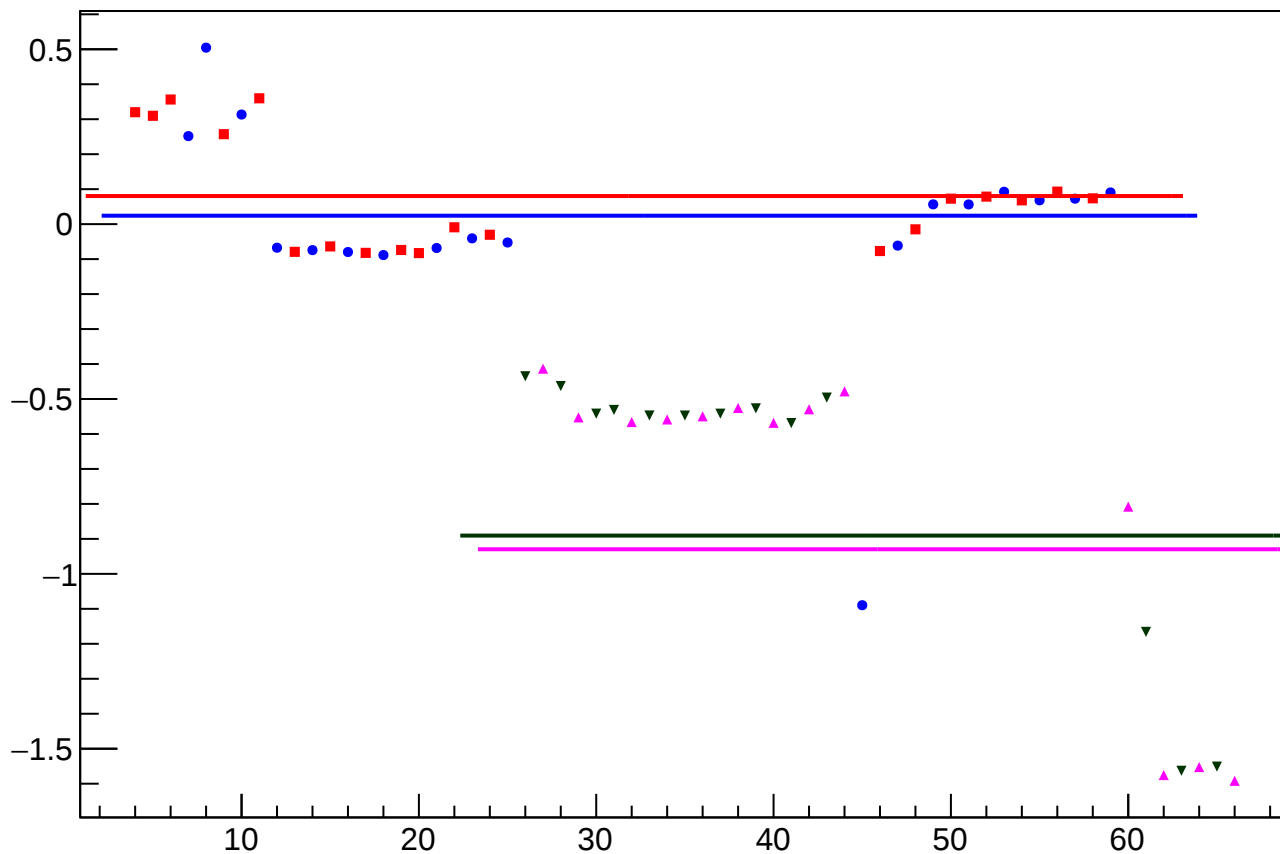
Right Out: 0.011+/-0.000 $\chi^2/\text{NDF}: 65676.1/18$

Left In: 0.012+/-0.000 $\chi^2/\text{NDF}: 395466.5/12$

0.012+/-0.000 $\chi^2/\text{NDF}: 415350.7/30$

0.012+/-0.000 $\chi^2/\text{NDF}: 514620.3/31$

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -0.891+/-0.000 χ^2/NDF : 29231160737.9/12

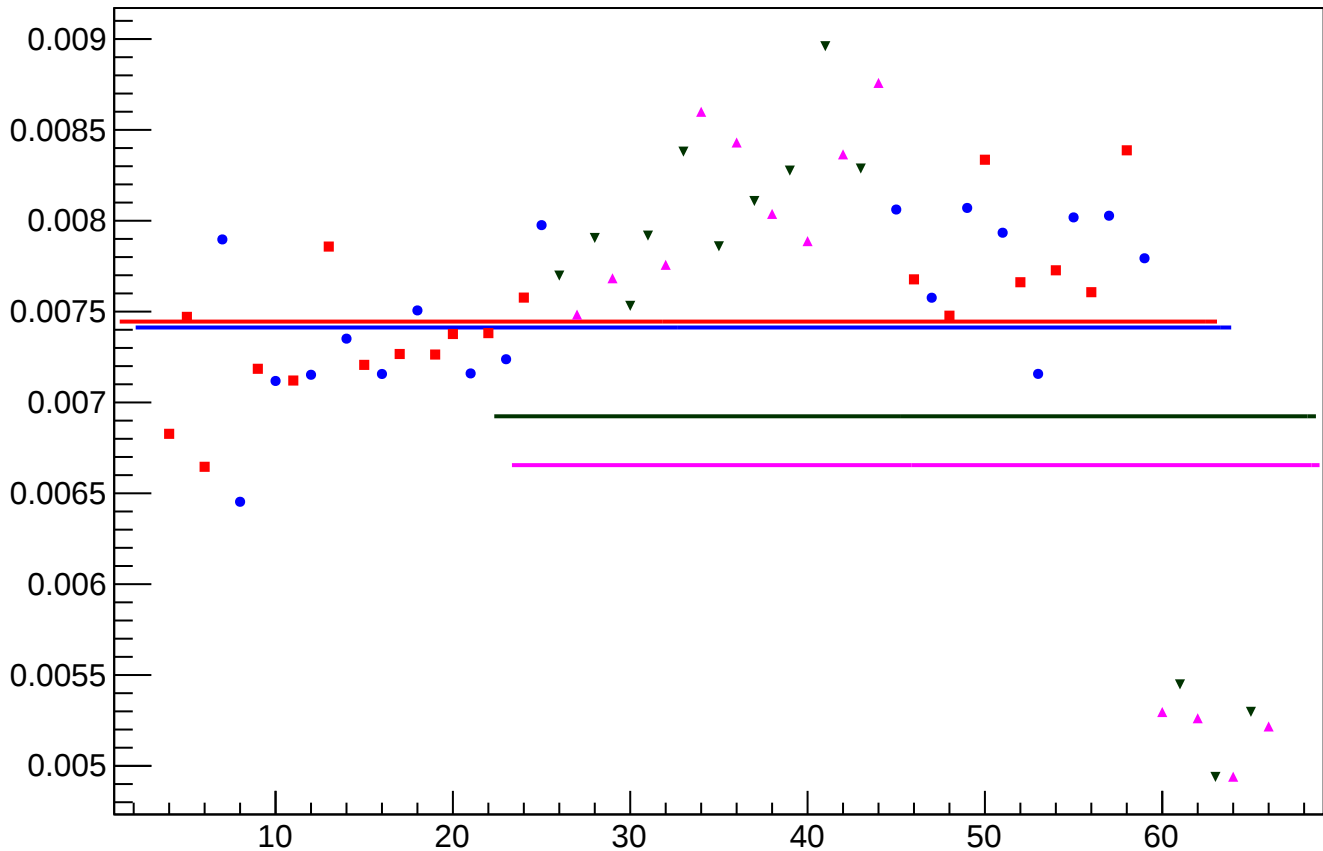
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.930+/-0.000 χ^2/NDF : 38894507016.0/12

-0.340+/-0.000 χ^2/NDF : 113427139271.3/30

-0.411+/-0.000 χ^2/NDF : 129046262865.7/31

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 91120.7/17

Left Out: 0.007+/-0.000 χ^2/NDF : 546452.9/12

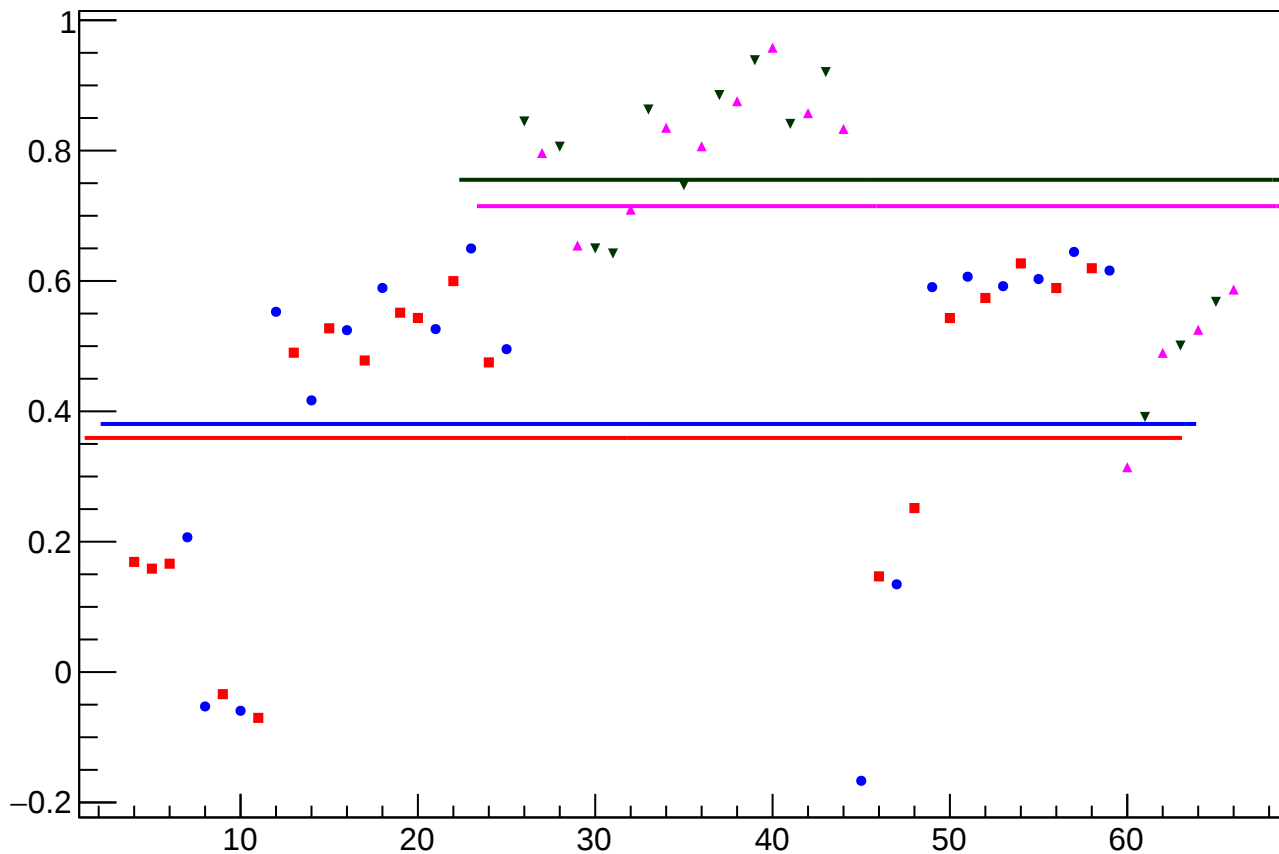
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.007+/-0.000 χ^2/NDF : 676906.4/12

0.007+/-0.000 χ^2/NDF : 675232.5/30

0.007+/-0.000 χ^2/NDF : 842771.0/31

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.755+/-0.000 χ^2/NDF : 3121804733.7/12

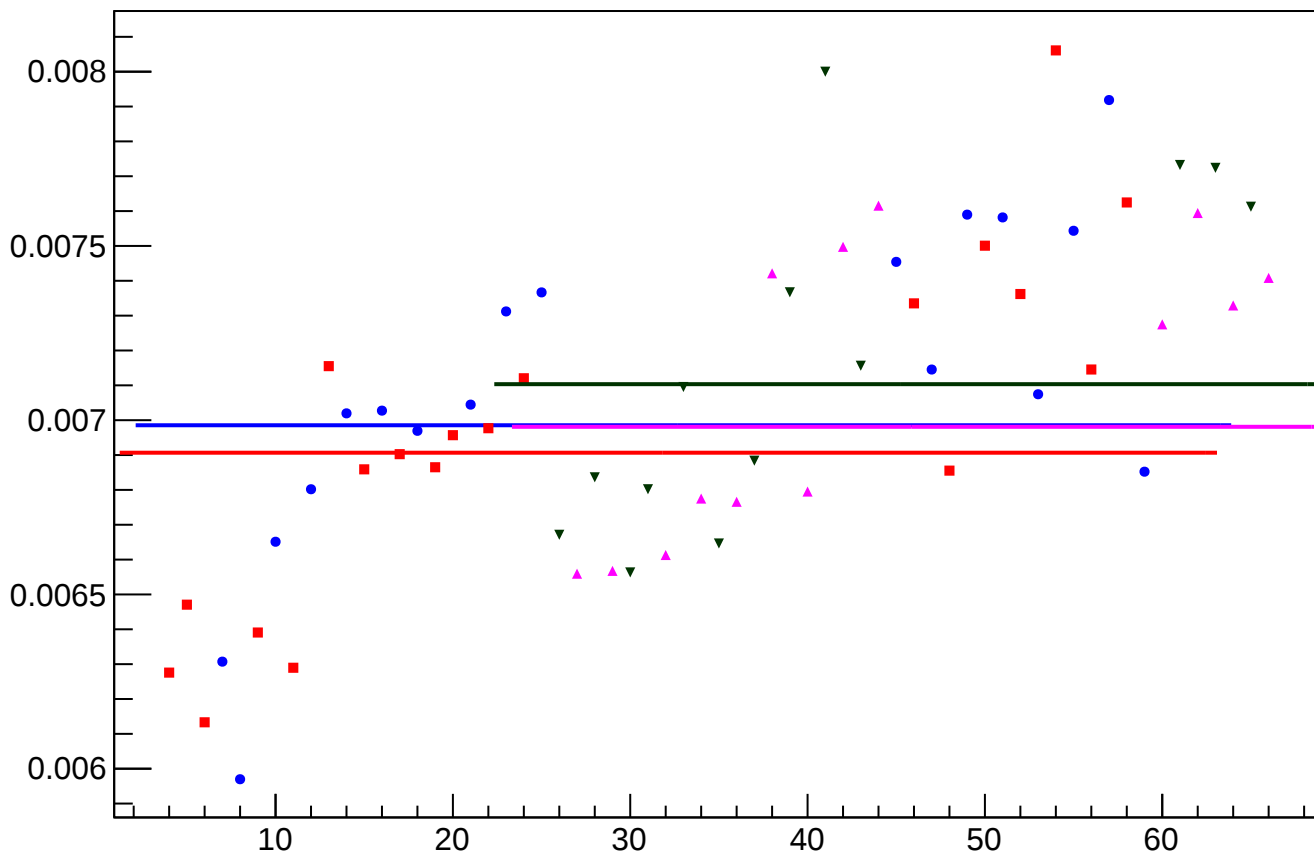
0.519+/-0.000 χ^2/NDF : 32507788622.2/30

Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

0.514+/-0.000 χ^2/NDF : 27185215910.2/31

Left In: 0.715+/-0.000 χ^2/NDF : 4142391813.1/12

yield_bpm0l05X_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 107156.0/17

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:52975.9/12

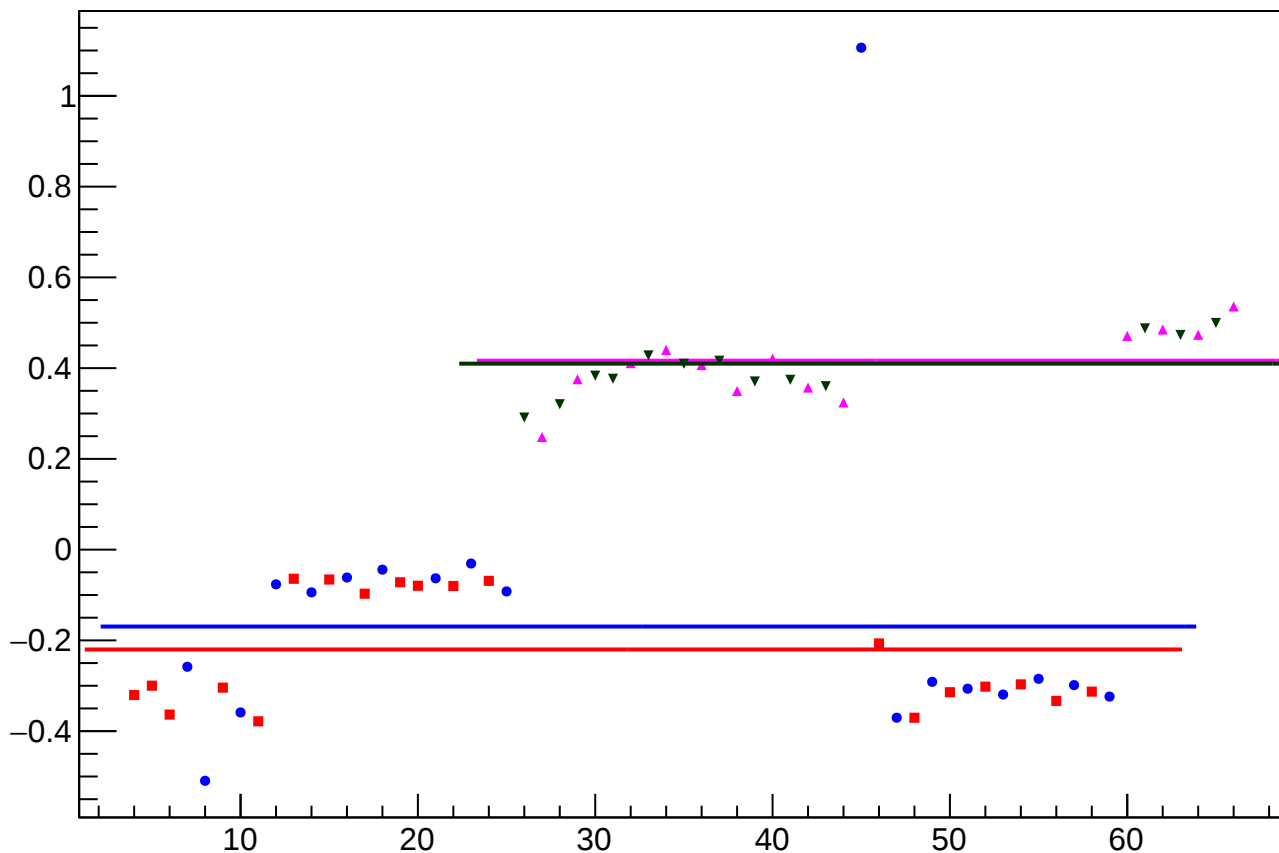
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 97555.6/18

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:51062.8/12

0.007 $\pm$ 0.000 χ^2 /NDF: 162433.3/30

0.007 $\pm$ 0.000 χ^2 /NDF: 149592.0/31

yield_bpm0l05Y_mean vs slug



Right In: -0.169 ± 0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.410 ± 0.000 χ^2/NDF : 987212036.3/12

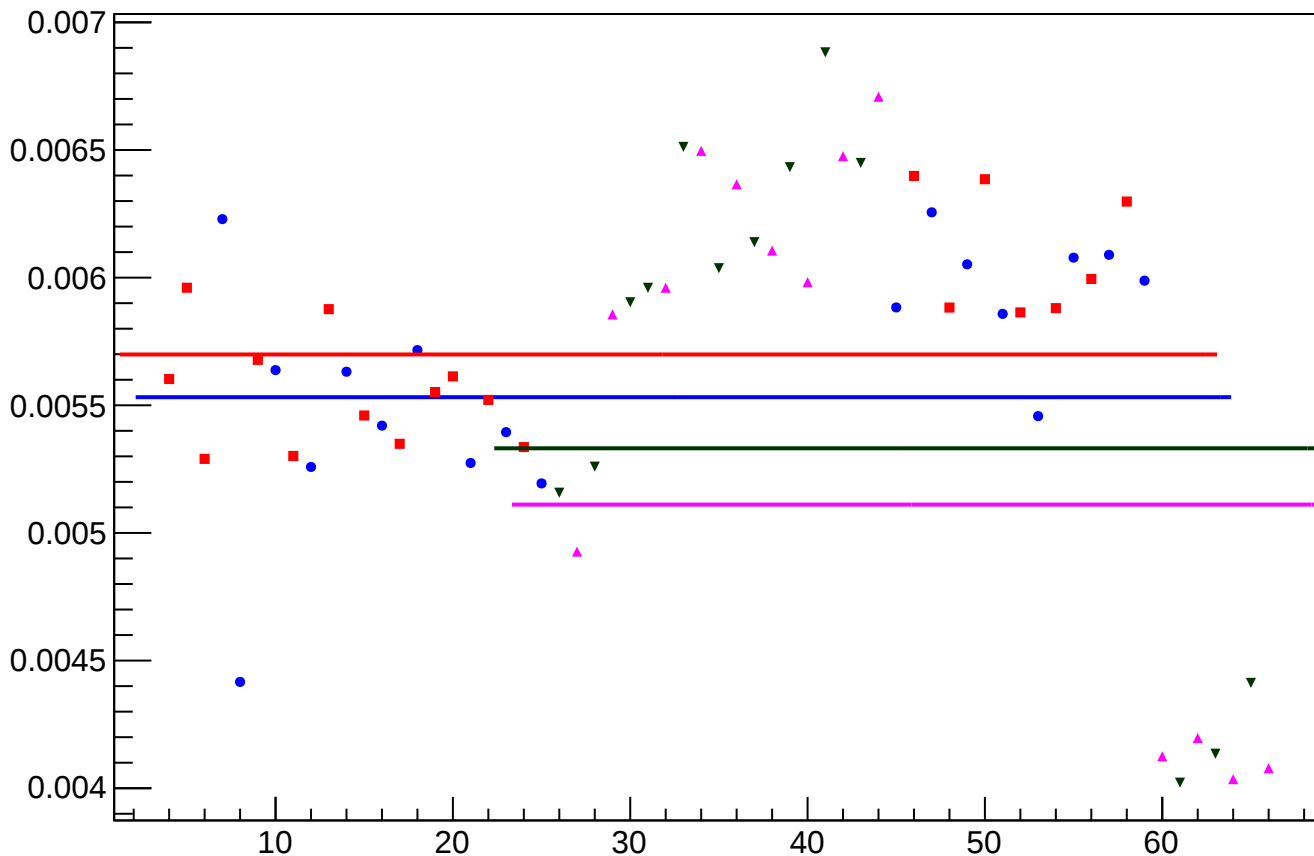
Right Out: -0.220 ± 0.000 χ^2/NDF : 4721801975.9/18

Left In: 0.416 ± 0.000 χ^2/NDF : 1975289552.7/12

0.054 ± 0.000 χ^2/NDF : 83684087978.4/30

0.090 ± 0.000 χ^2/NDF : 64407871043.7/31

yield_bpm0l05Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 186989.4/17

Left Out: 0.005+/-0.000 χ^2/NDF : 416469.6/12

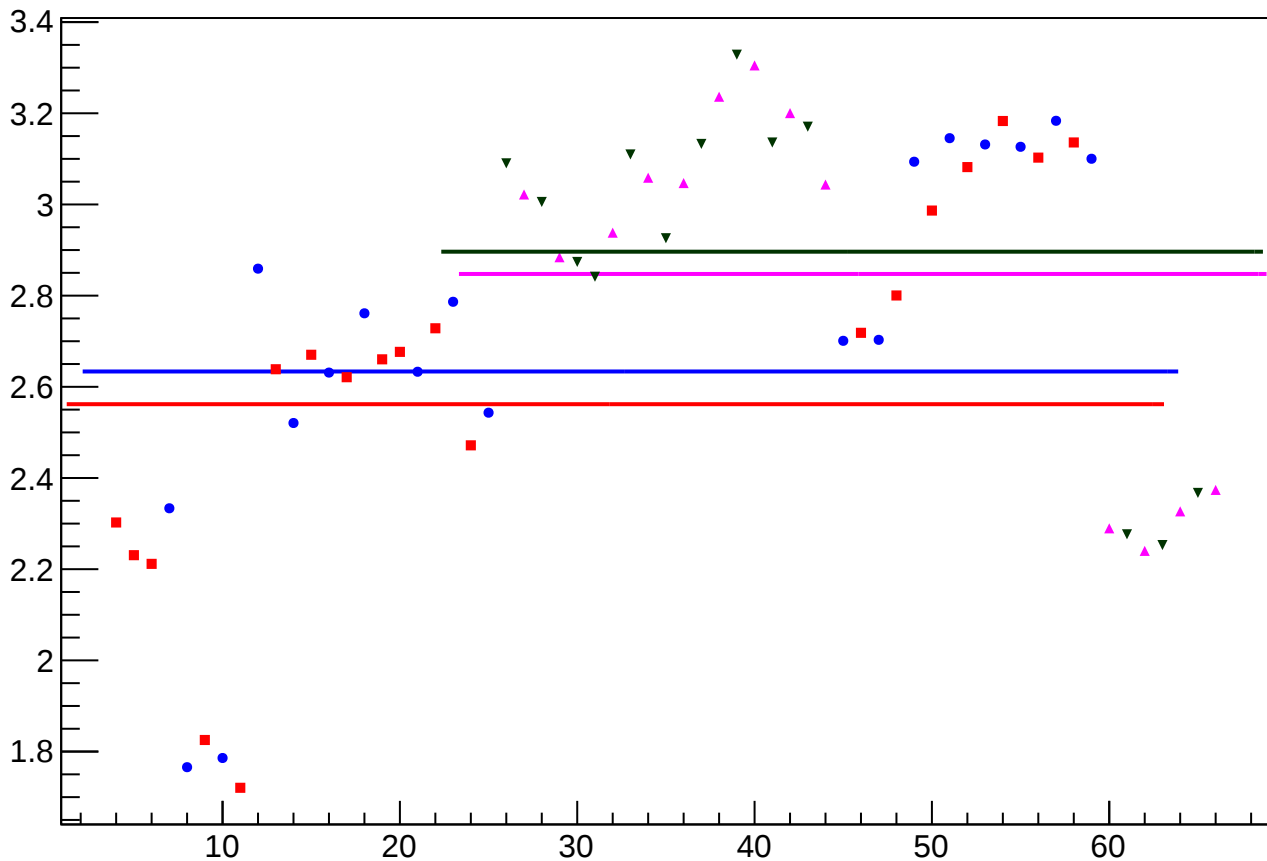
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 542663.8/12

0.005+/-0.000 χ^2/NDF : 614336.0/30

0.005+/-0.000 χ^2/NDF : 707612.5/31

yield_bpm0l06X_mean vs slug



Right In: 2.634 +/- 0.000 χ^2/NDF : 15879791998.3/17

Left Out: 2.896 +/- 0.000 χ^2/NDF : 7942542099.7/12

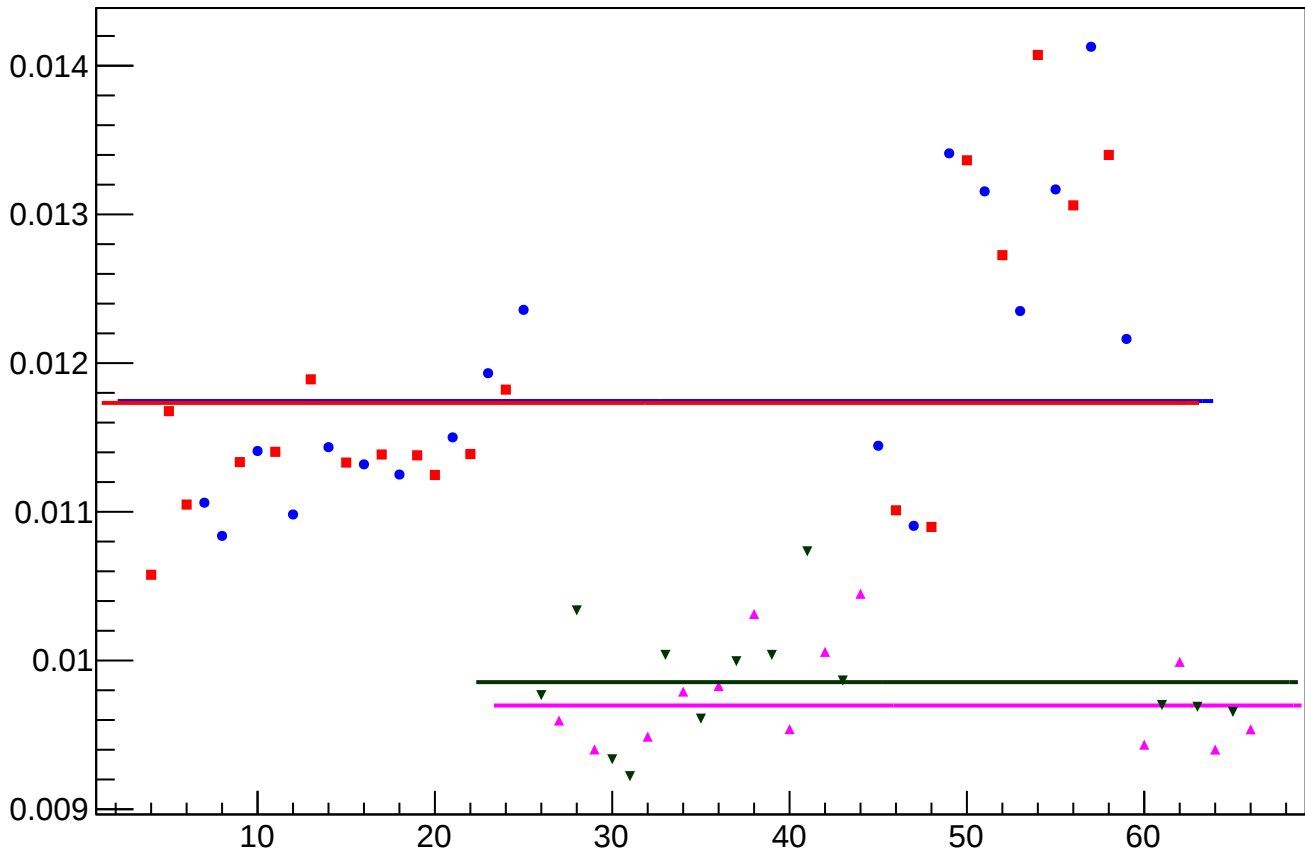
2.755 +/- 0.000 χ^2/NDF : 26360282922.7/30

Right Out: 2.562 +/- 0.000 χ^2/NDF : 12349960173.0/18

2.715 +/- 0.000 χ^2/NDF : 25288361171.2/31

Left In: 2.848 +/- 0.000 χ^2/NDF : 9884377195.6/12

yield_bpm0l06X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 117347.2/17

Left Out: 0.010+/-0.000 χ^2/NDF :19985.9/12

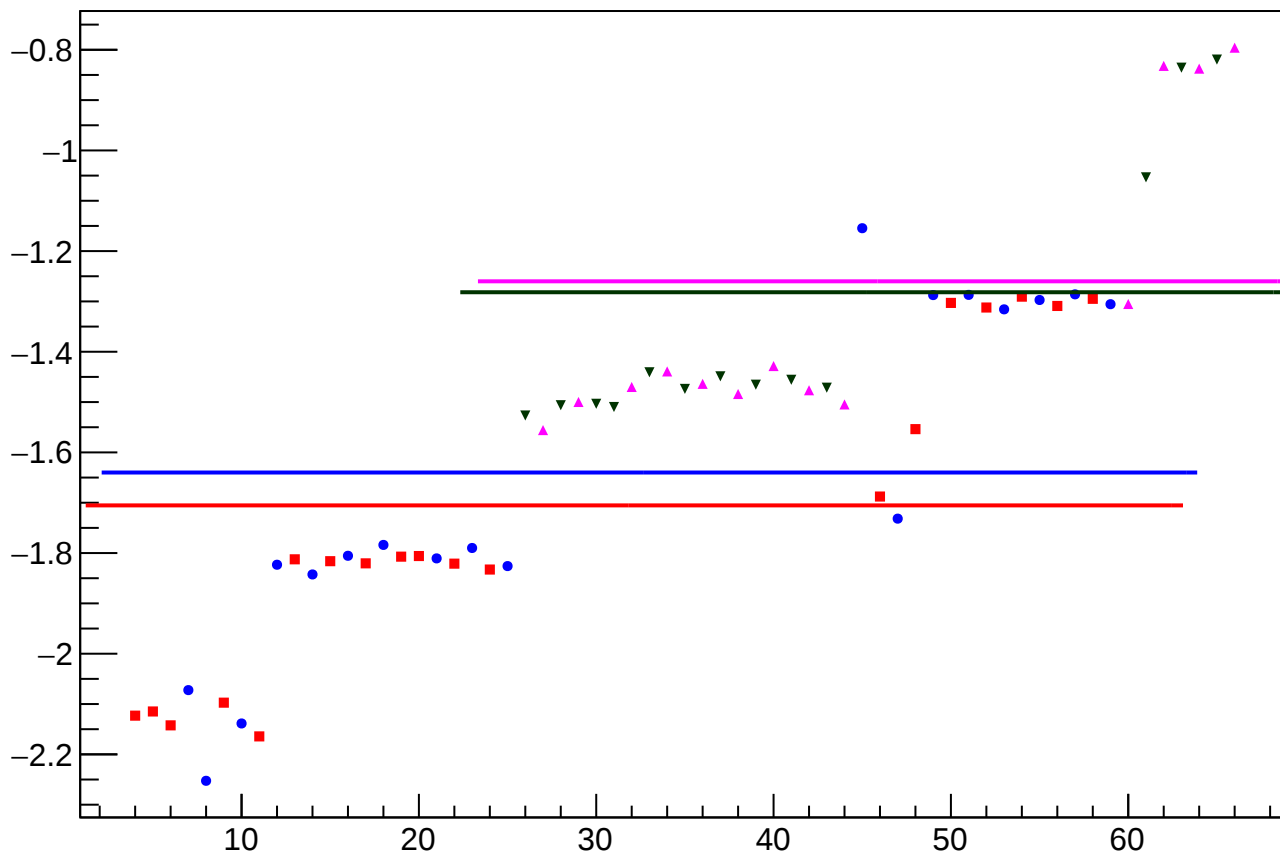
0.011+/-0.000 χ^2/NDF : 400031.0/30

Right Out: 0.012+/-0.000 χ^2/NDF : 107336.5/18

0.011+/-0.000 χ^2/NDF : 433726.6/31

Left In: 0.010+/-0.000 χ^2/NDF :16420.7/12

yield_bpm0l06Y_mean vs slug



Right In: -1.640+/-0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.282+/-0.000 χ^2/NDF : 21741875088.0/12

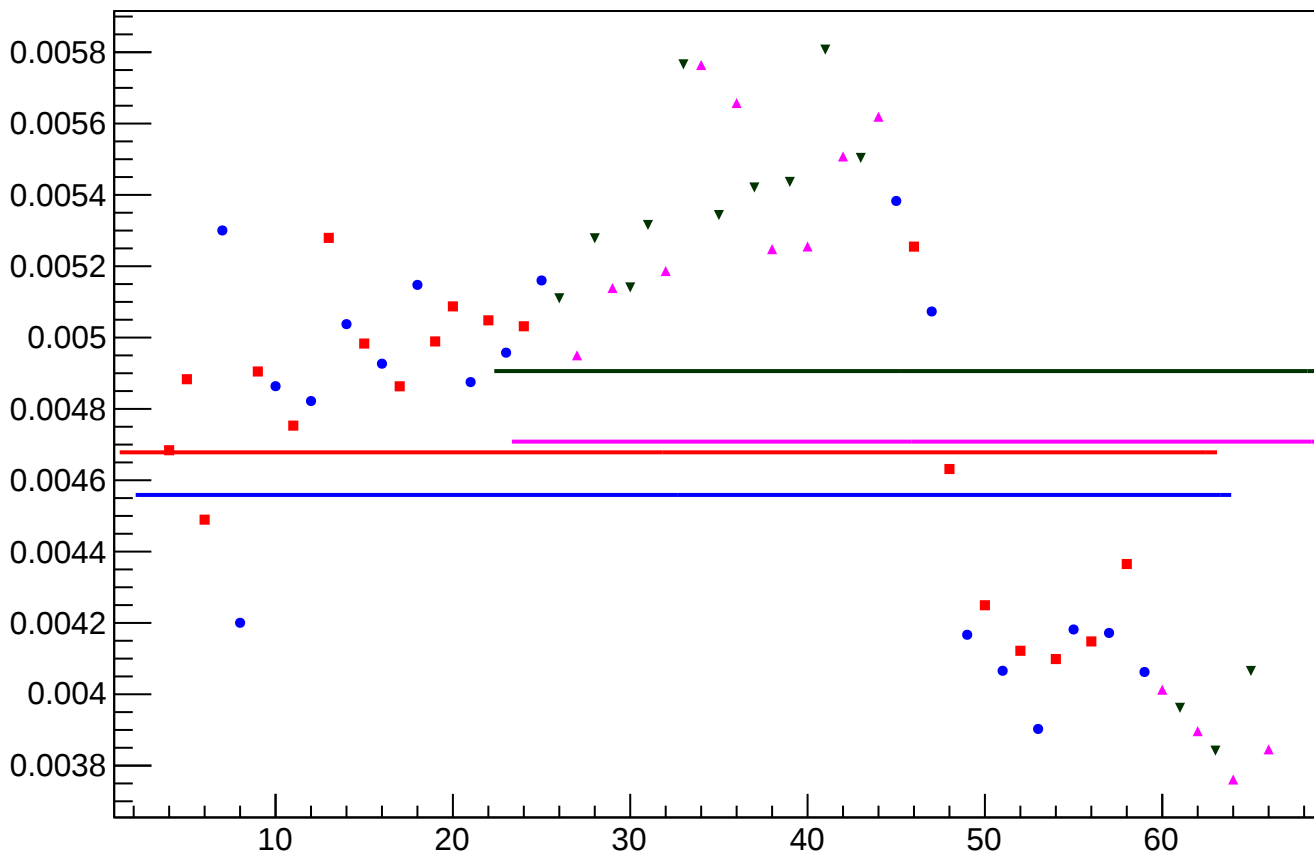
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.260+/-0.000 χ^2/NDF : 30782972595.7/12

-1.519+/-0.000 χ^2/NDF : 108253995047.5/30

-1.513+/-0.000 χ^2/NDF : 113721310329.1/31

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 : 269147.8/12

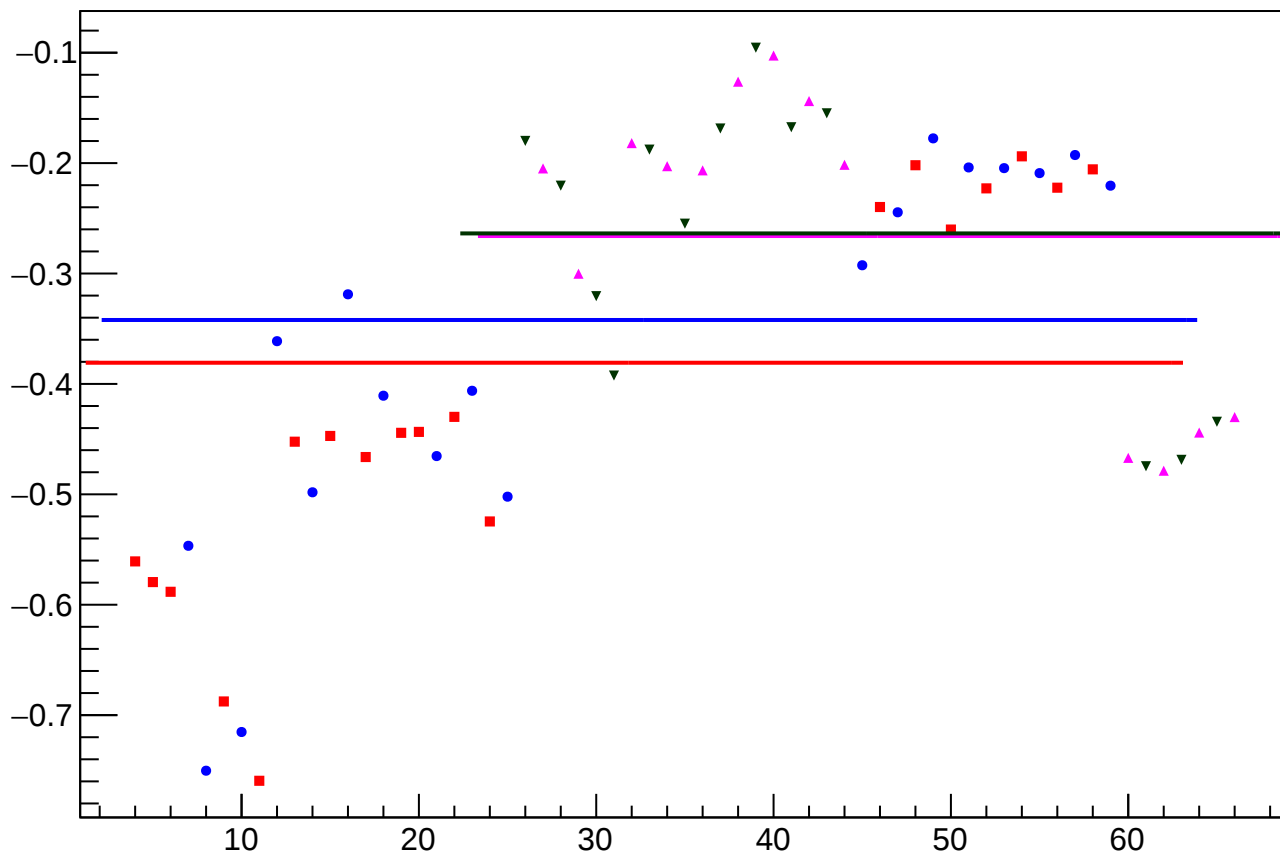
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF : 353880.7/12

0.005+/-0.000 χ^2/NDF : 540307.6/30

0.005+/-0.000 χ^2/NDF : 490648.0/31

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.264+/-0.000 χ^2/NDF : 471716260.9/12

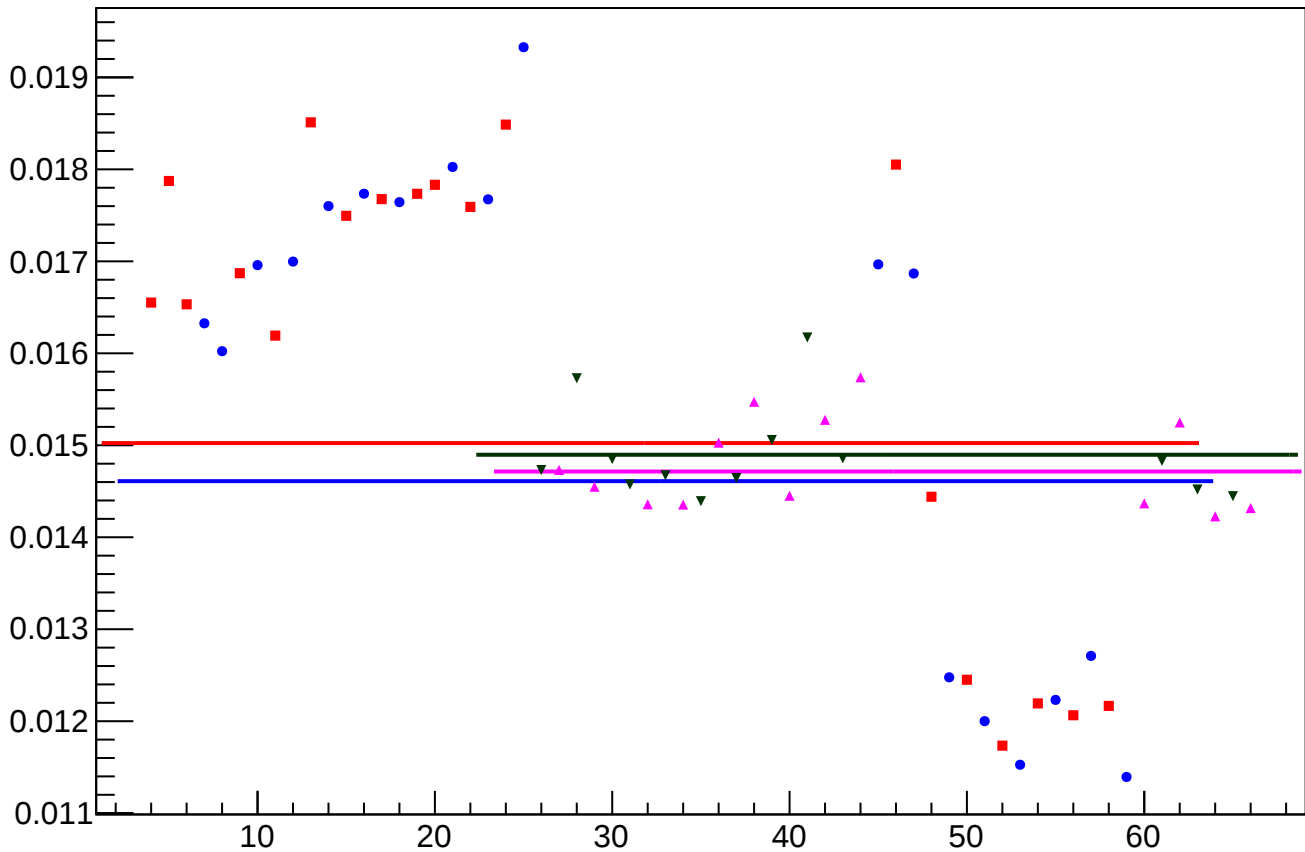
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.266+/-0.000 χ^2/NDF : 560015758.9/12

-0.312+/-0.000 χ^2/NDF : 2257666413.8/30

-0.328+/-0.000 χ^2/NDF : 2198285309.5/31

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 :15248.3/12

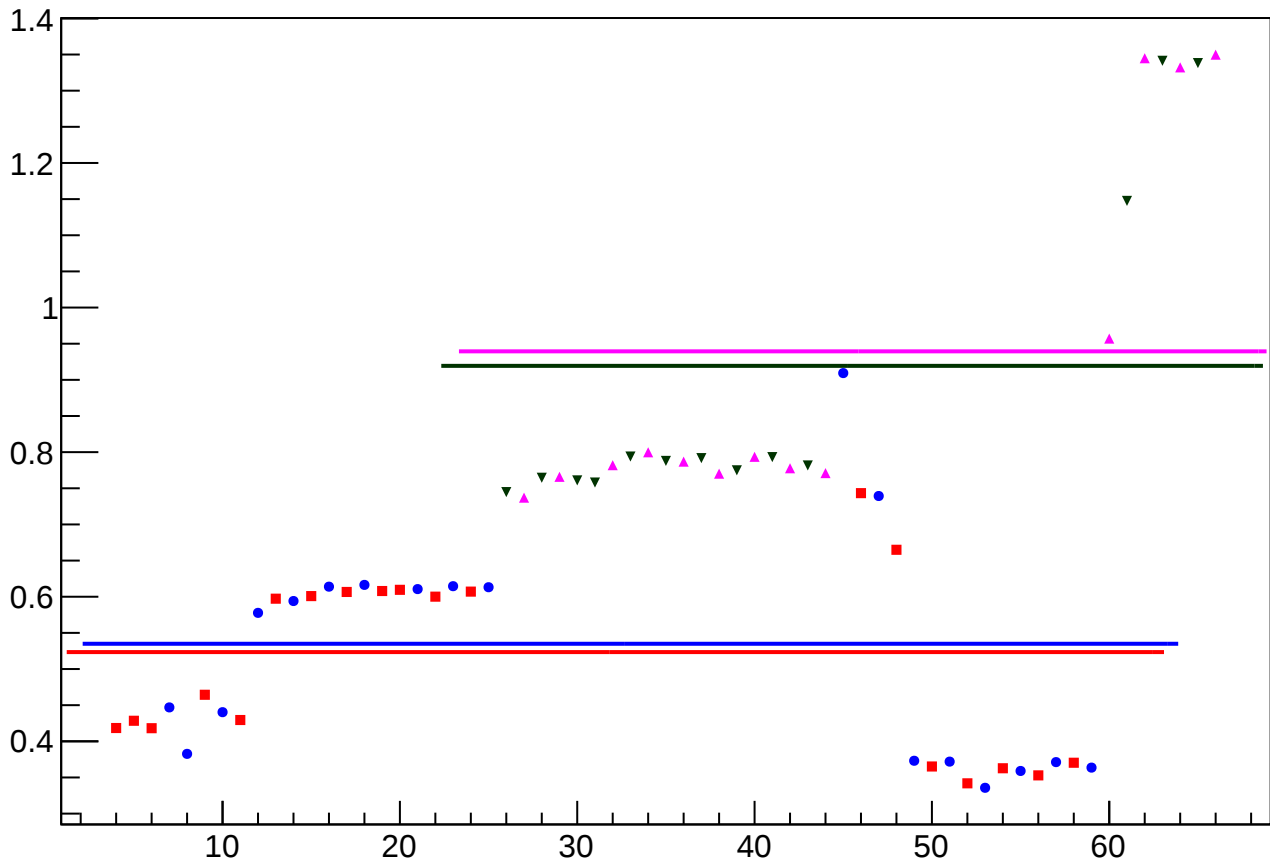
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF :14737.0/12

0.015+/-0.000 χ^2/NDF : 730290.5/30

0.015+/-0.000 χ^2/NDF : 592167.2/31

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 0.919+/-0.000 χ^2/NDF : 37448162316.2/12

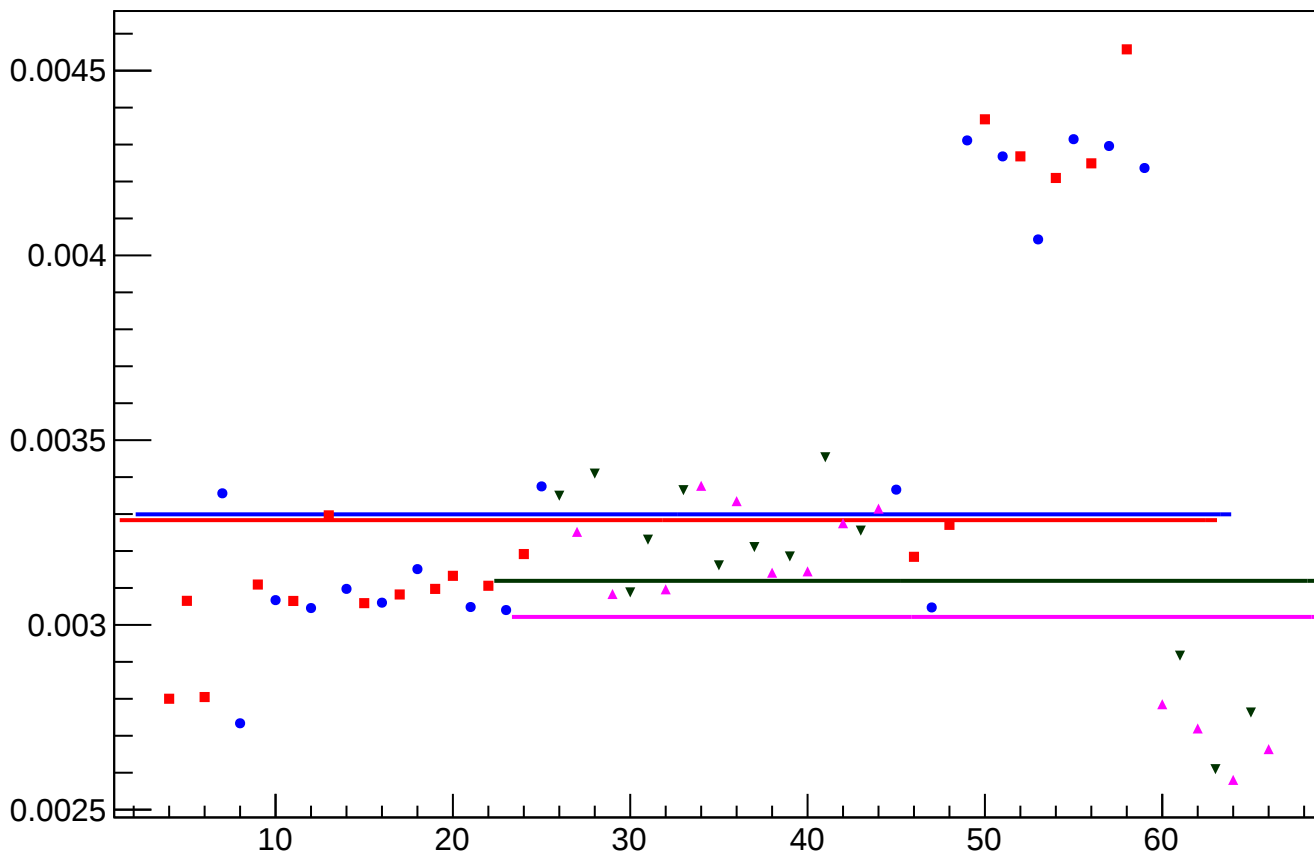
0.691+/-0.000 χ^2/NDF : 117763221566.9/30

Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

0.725+/-0.000 χ^2/NDF : 135744211932.7/31

Left In: 0.939+/-0.000 χ^2/NDF : 50678956347.0/12

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 : 93688.7/12

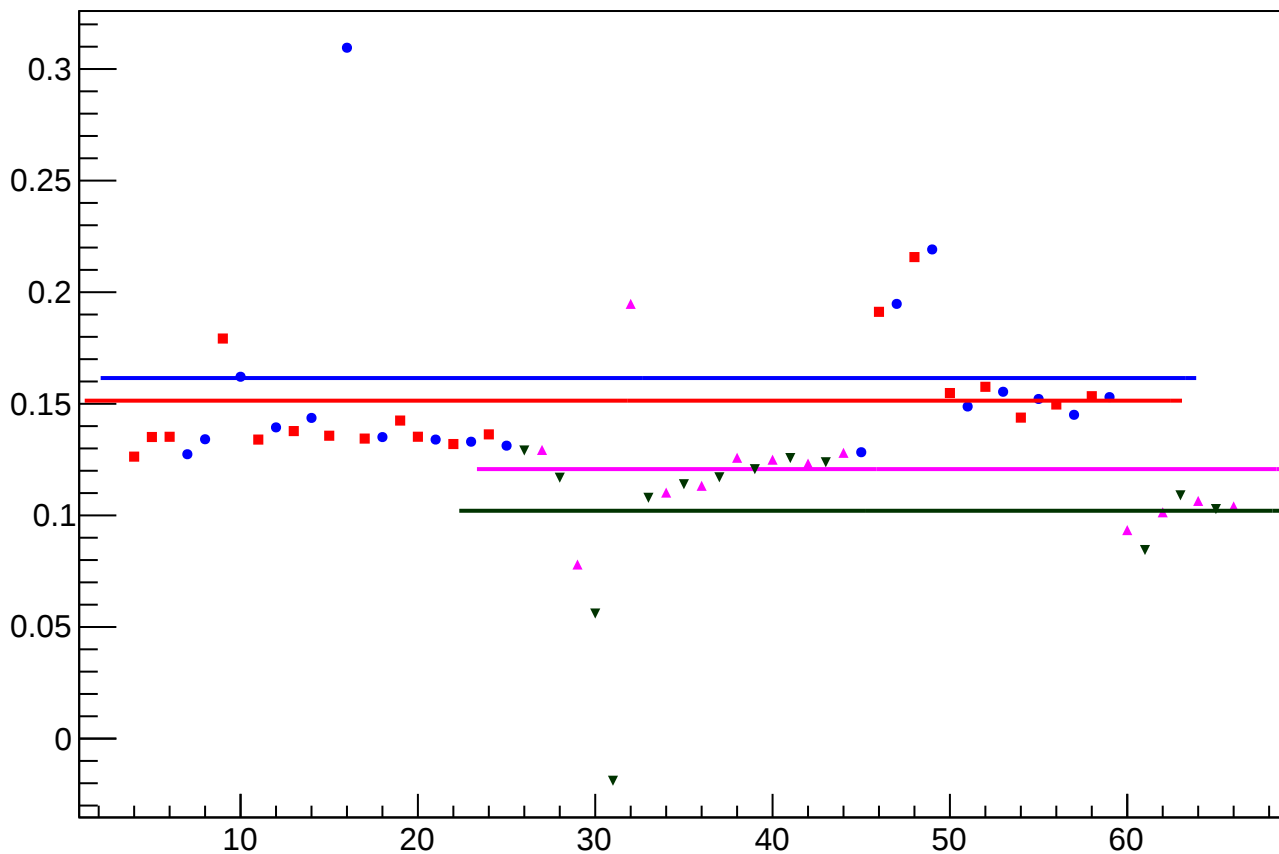
Right Out: 0.003 ± 0.000 χ^2/NDF : 382277.8/18

Left In: 0.003 ± 0.000 χ^2/NDF : 116136.1/12

0.003 ± 0.000 χ^2/NDF : 617162.2/30

0.003 ± 0.000 χ^2/NDF : 556712.3/31

yield_bpm0l08X_mean vs slug



Right In: 0.162+/-0.000 χ^2/NDF : 94764439.1/17

Left Out: 0.102+/-0.000 χ^2/NDF : 43376679.6/12

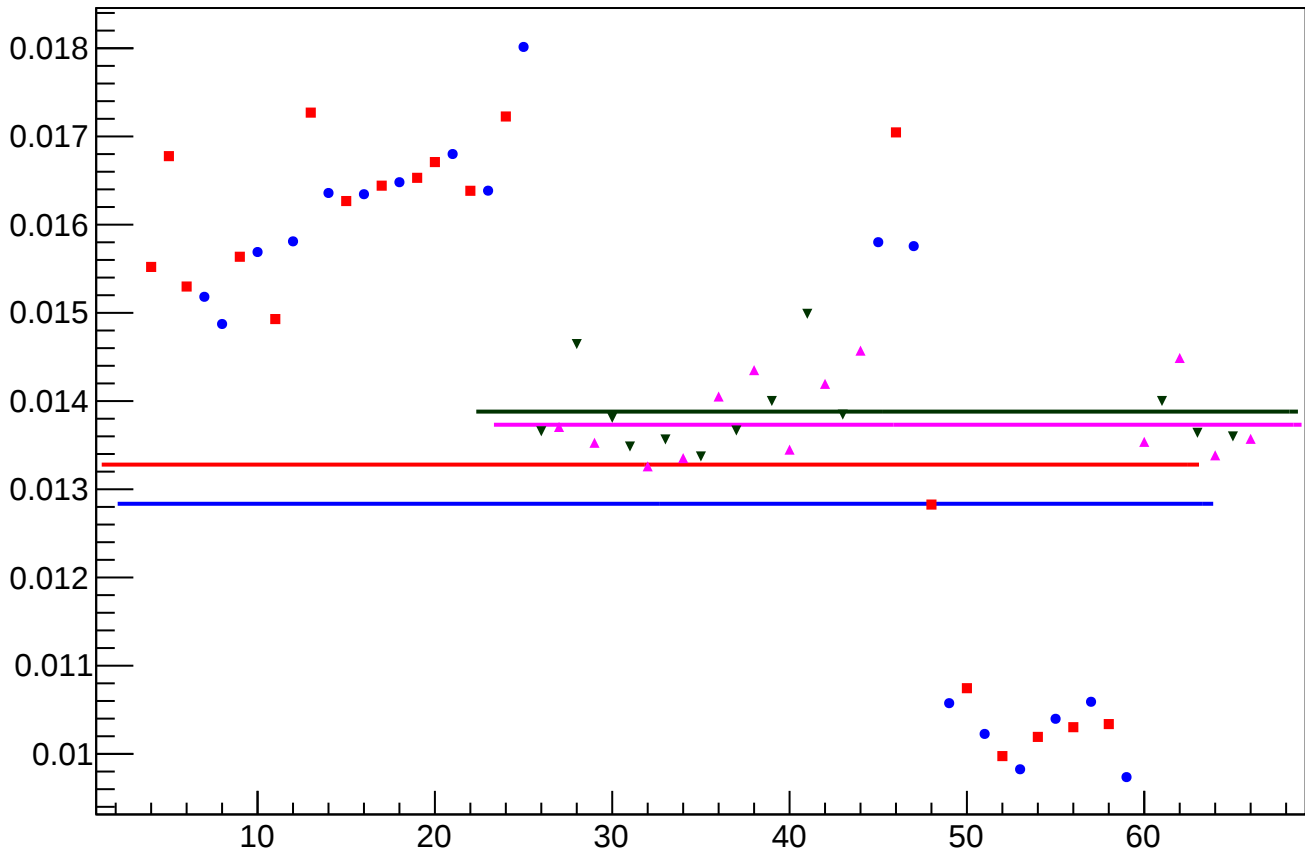
Right Out: 0.151+/-0.000 χ^2/NDF : 22463584.0/18

Left In: 0.121+/-0.000 χ^2/NDF : 41193073.9/12

0.140+/-0.000 χ^2/NDF : 217890333.9/30

0.138+/-0.000 χ^2/NDF : 85054255.4/31

yield_bpm0l08X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 1088247.1/17

Left Out: 0.014+/-0.000 χ^2/NDF :14307.0/12

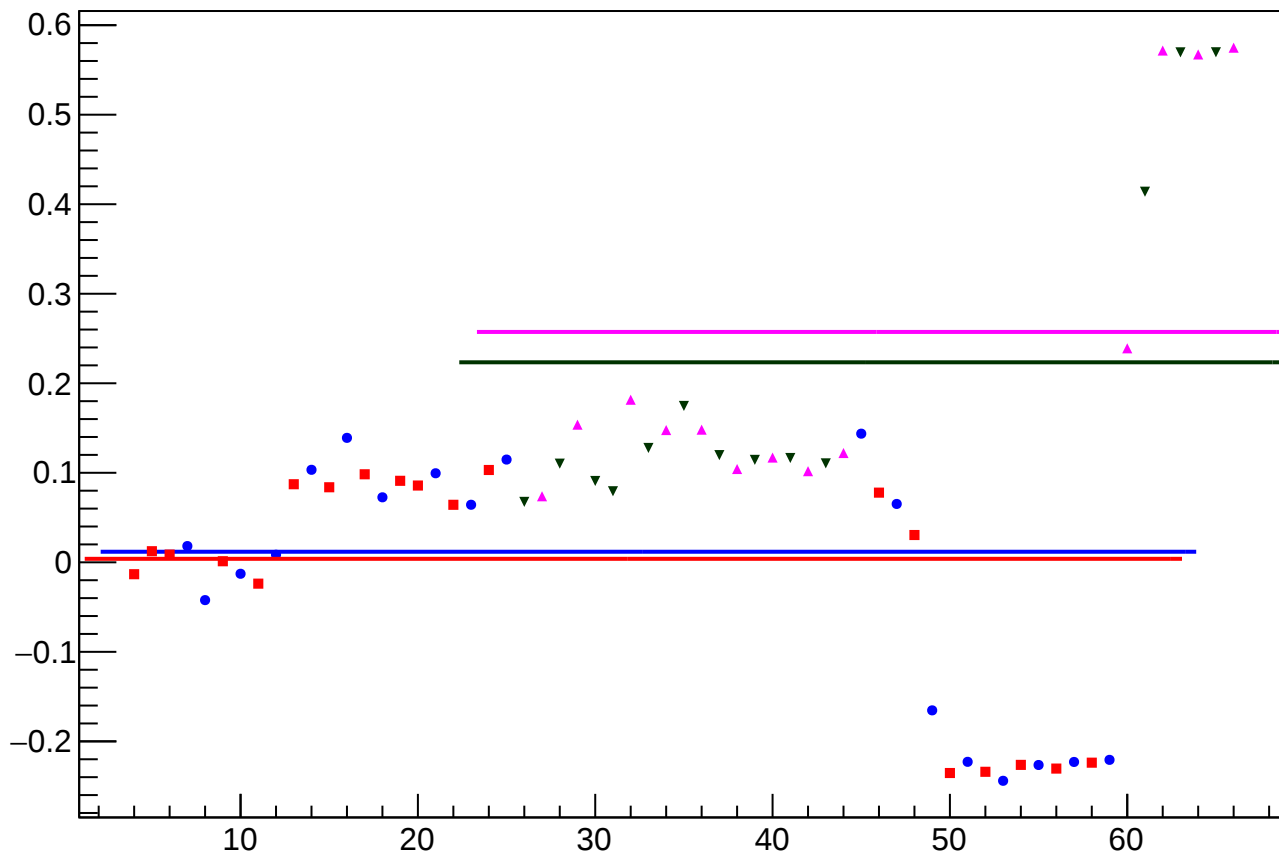
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :14430.3/12

0.013+/-0.000 χ^2/NDF : 1151814.8/30

0.013+/-0.000 χ^2/NDF : 913735.9/31

yield_bpm0l08Y_mean vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 12179192870.2/17

Left Out: 0.223+/-0.000 χ^2/NDF : 23516336943.9/12

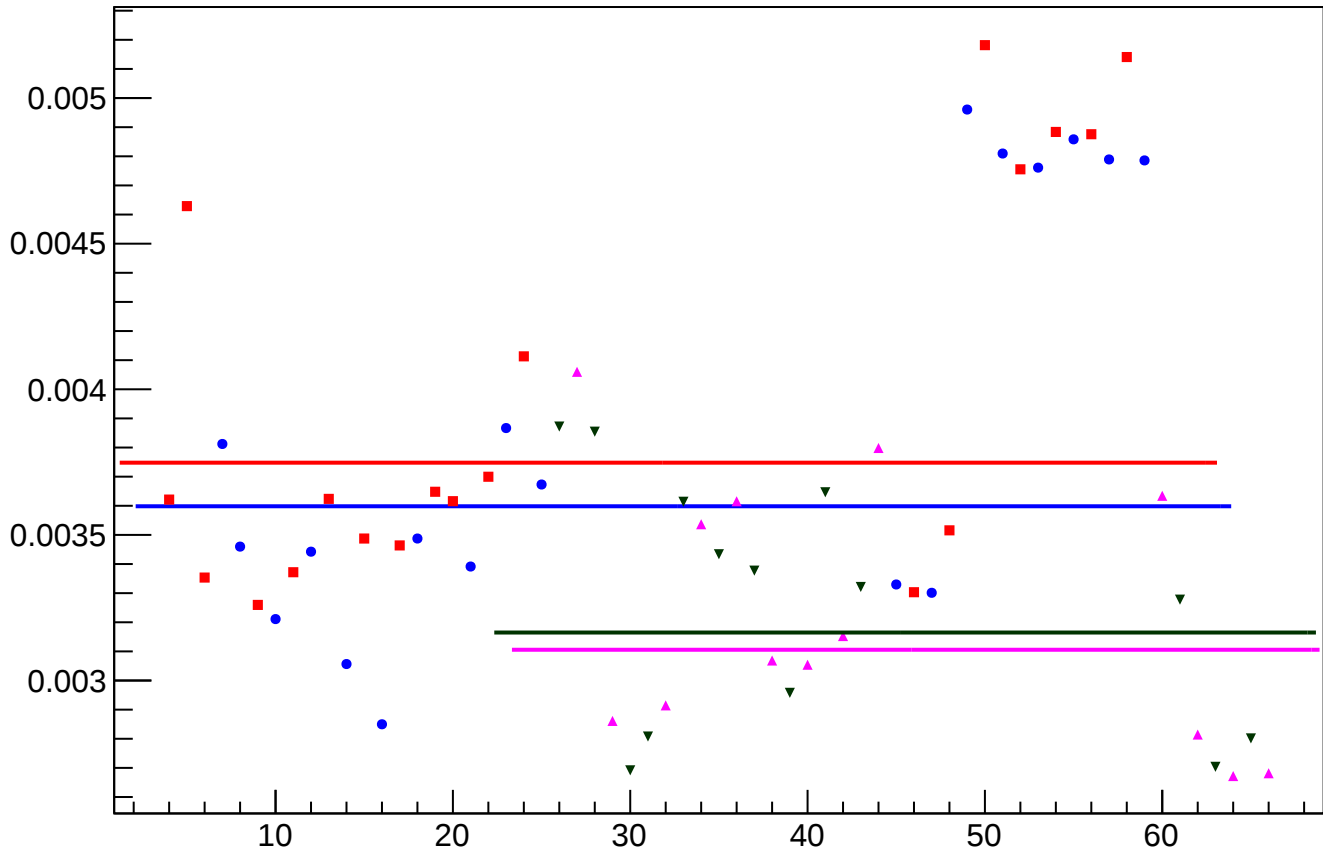
Right Out: 0.004+/-0.000 χ^2/NDF : 7924148421.7/18

Left In: 0.257+/-0.000 χ^2/NDF : 28615919825.8/12

0.105+/-0.000 χ^2/NDF : 51651454099.1/30

0.140+/-0.000 χ^2/NDF : 59105881626.8/31

yield_bpm0l08Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 672957.8/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:215495.9/12

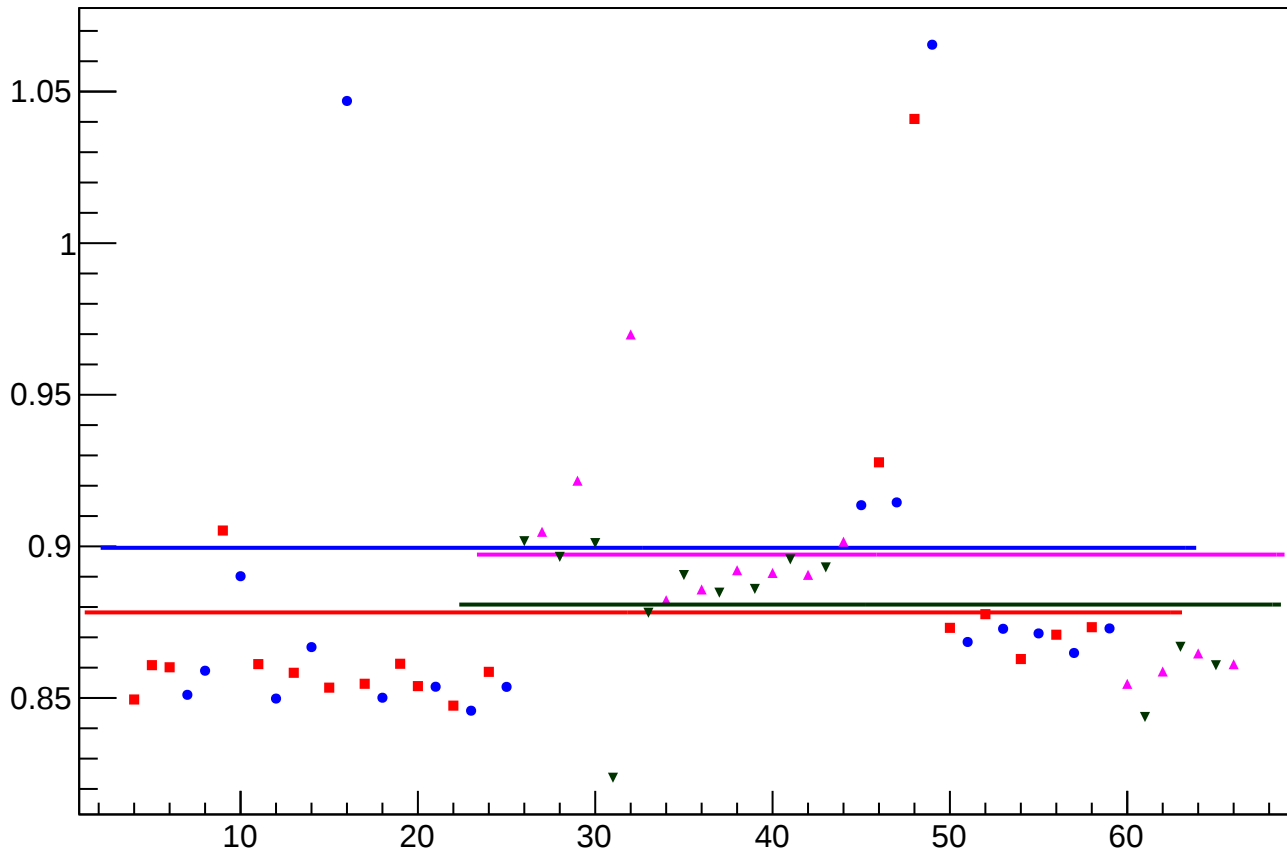
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 427283.7/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:262007.3/12

0.003 $\pm$ 0.000 χ^2 /NDF: 1022393.5/30

0.003 $\pm$ 0.000 χ^2 /NDF: 979249.0/31

yield_bpm0l09X_mean vs slug



Right In: 0.900+/-0.000 χ^2/NDF : 324904340.4/17

Left Out: 0.881+/-0.000 χ^2/NDF :16022539.1/12

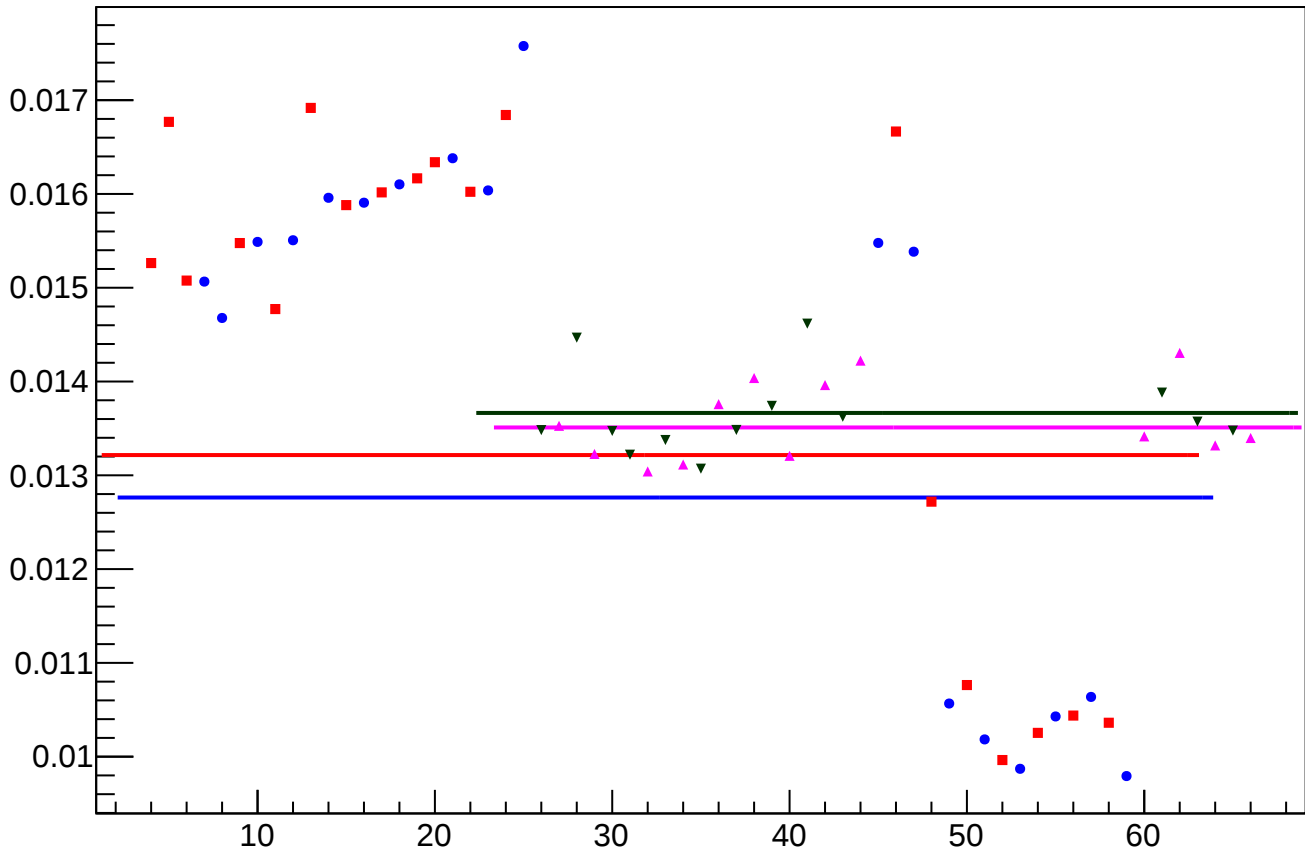
Right Out: 0.878+/-0.000 χ^2/NDF : 92356263.0/18

Left In: 0.897+/-0.000 χ^2/NDF :47376346.5/12

0.893+/-0.000 χ^2/NDF : 349025815.9/30

0.887+/-0.000 χ^2/NDF : 148203266.0/31

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 :13765.3/12

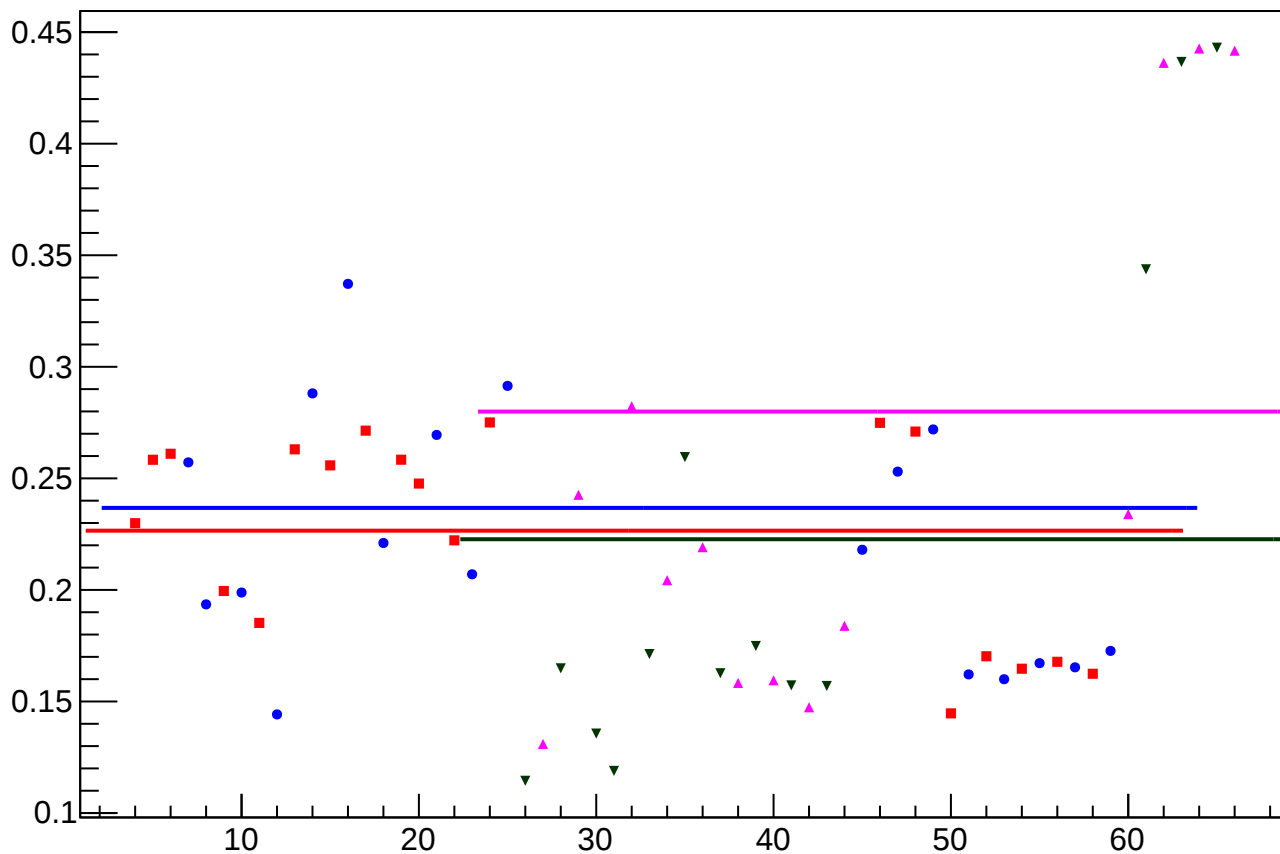
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF :13146.1/12

0.013+/-0.000 χ^2/NDF : 1031521.4/30

0.013+/-0.000 χ^2/NDF : 816028.4/31

yield_bpm0l09Y_mean vs slug



Right In: 0.237 ± 0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.223 ± 0.000 χ^2/NDF : 8245365977.9/12

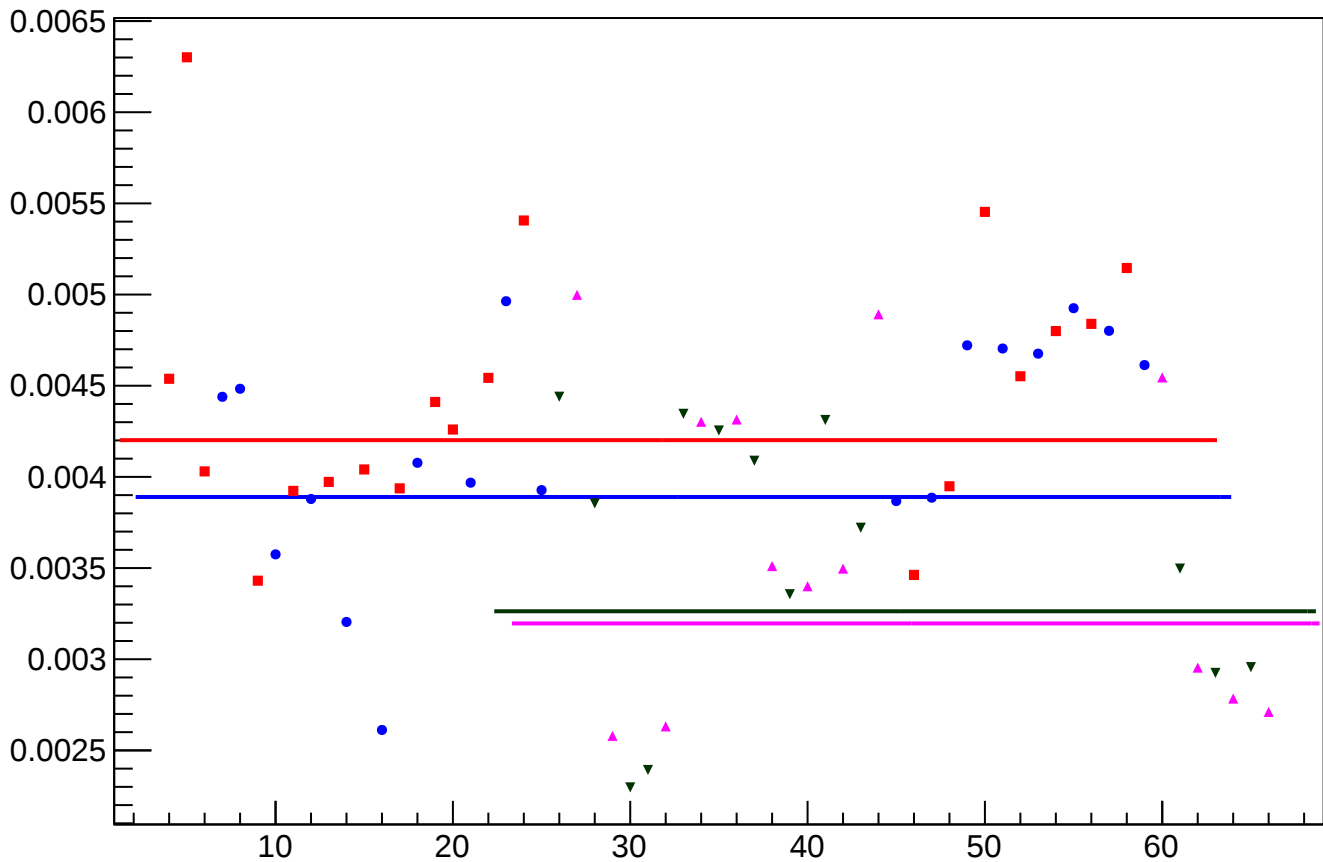
Right Out: 0.227 ± 0.000 χ^2/NDF : 943883207.4/18

Left In: 0.280 ± 0.000 χ^2/NDF : 8151238933.2/12

0.230 ± 0.000 χ^2/NDF : 10717784288.3/30

0.257 ± 0.000 χ^2/NDF : 9918756041.4/31

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 : 627883.7/12

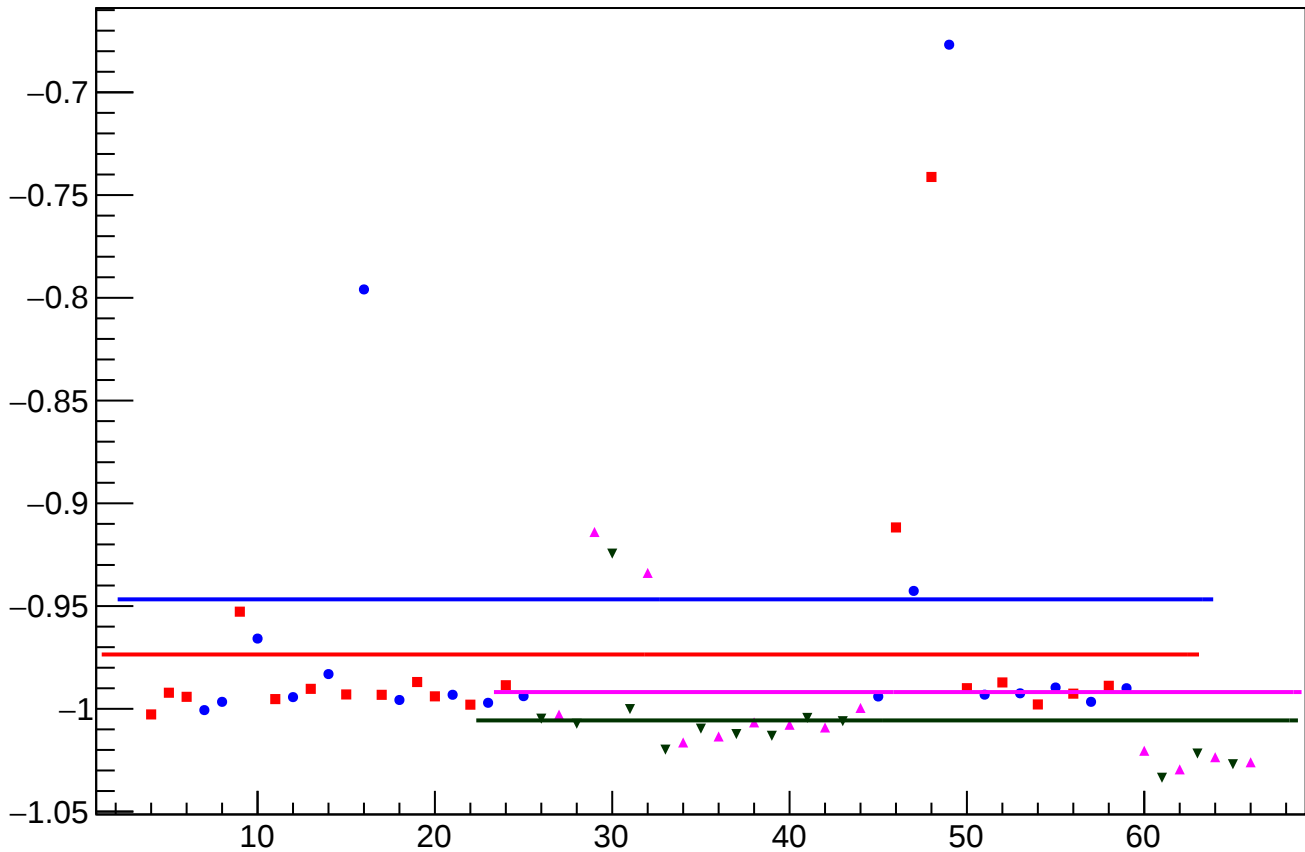
Right Out: 0.004+/-0.000 χ^2/NDF : 341340.8/18

Left In: 0.003+/-0.000 χ^2/NDF : 776727.3/12

0.004+/-0.000 χ^2/NDF : 1565532.3/30

0.004+/-0.000 χ^2/NDF : 1702126.8/31

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.006+/-0.000 χ^2/NDF : 25548330.1/12

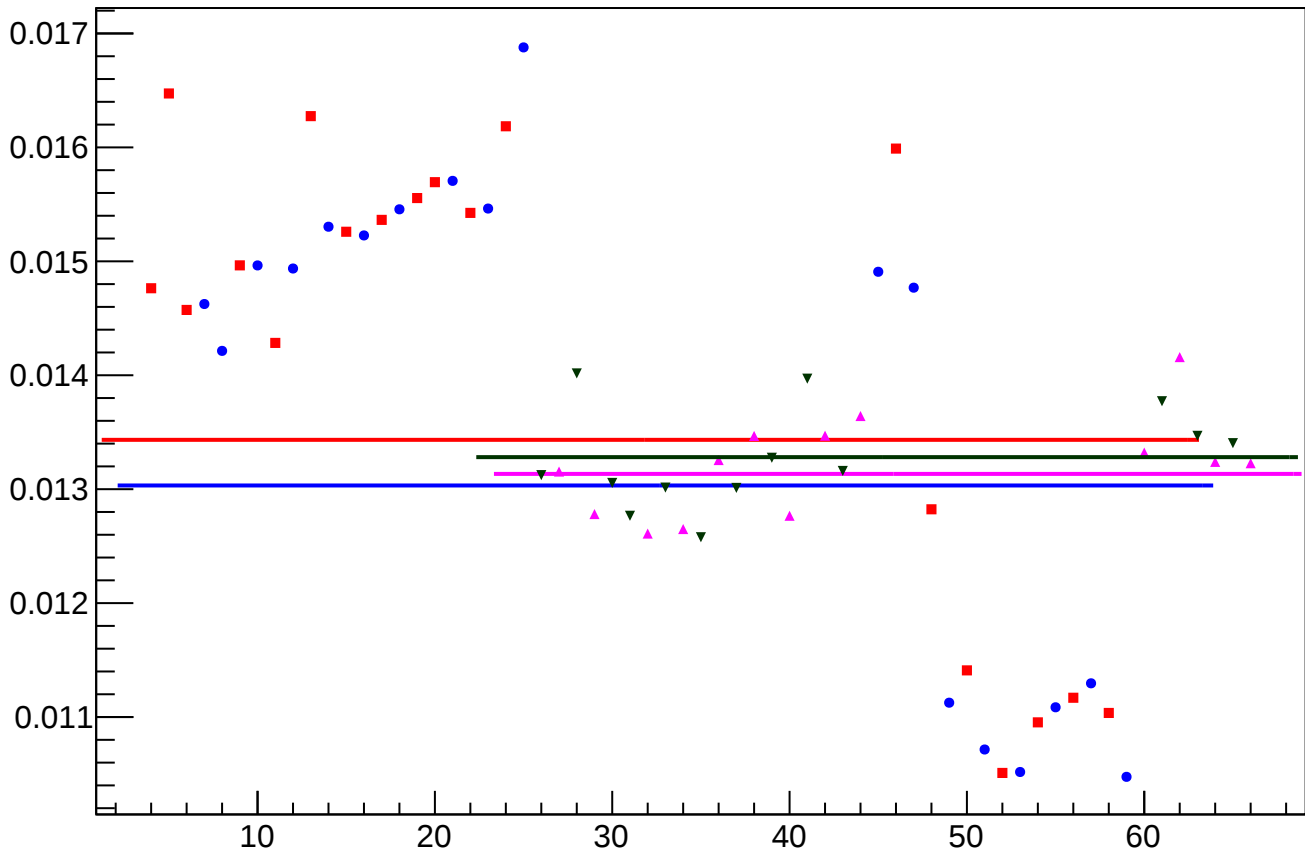
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.992+/-0.000 χ^2/NDF : 68231290.5/12

-0.969+/-0.000 χ^2/NDF : 770118093.6/30

-0.982+/-0.000 χ^2/NDF : 250886861.7/31

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 :13849.8/12

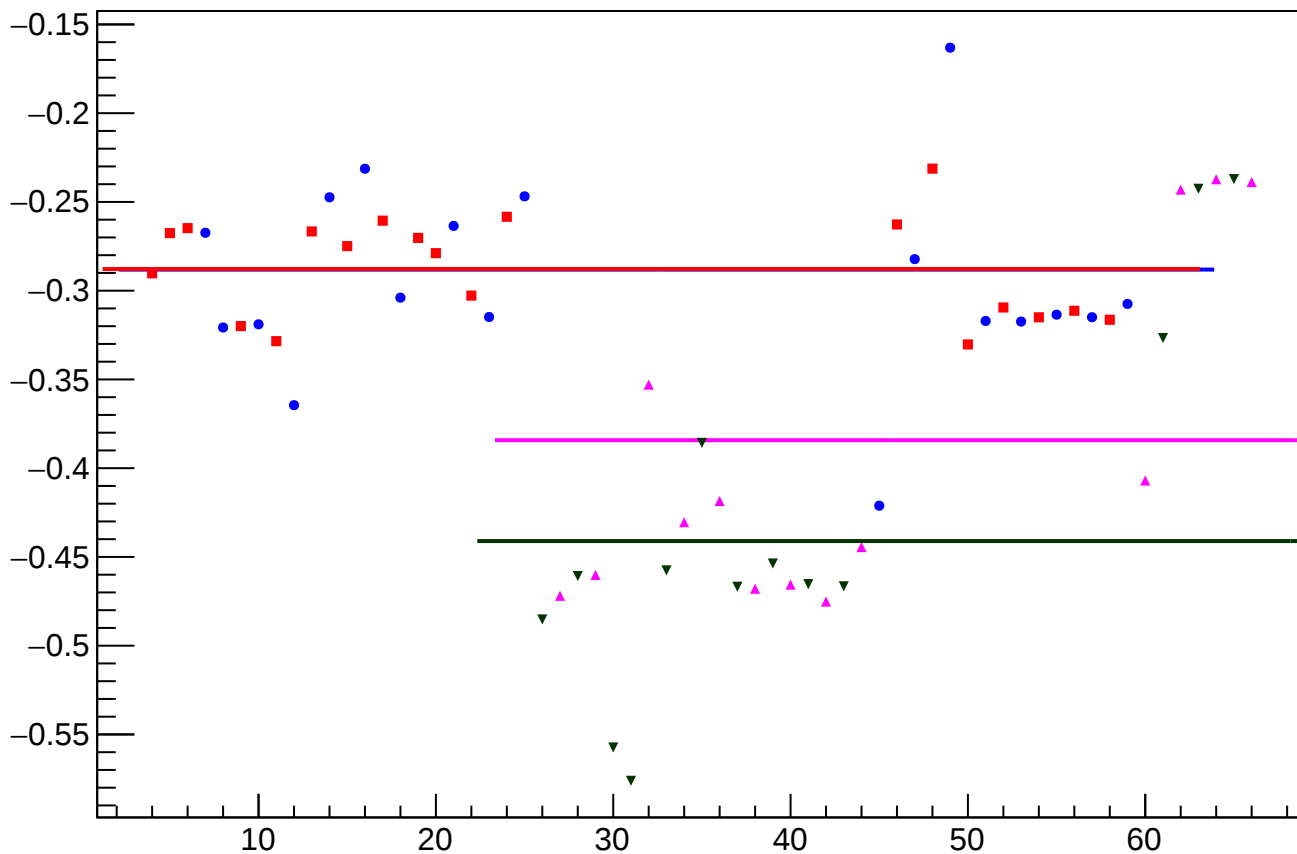
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF :14565.6/12

0.013+/-0.000 χ^2/NDF : 604616.6/30

0.013+/-0.000 χ^2/NDF : 498067.5/31

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.441+/-0.000 χ^2/NDF : 7819536969.0/12

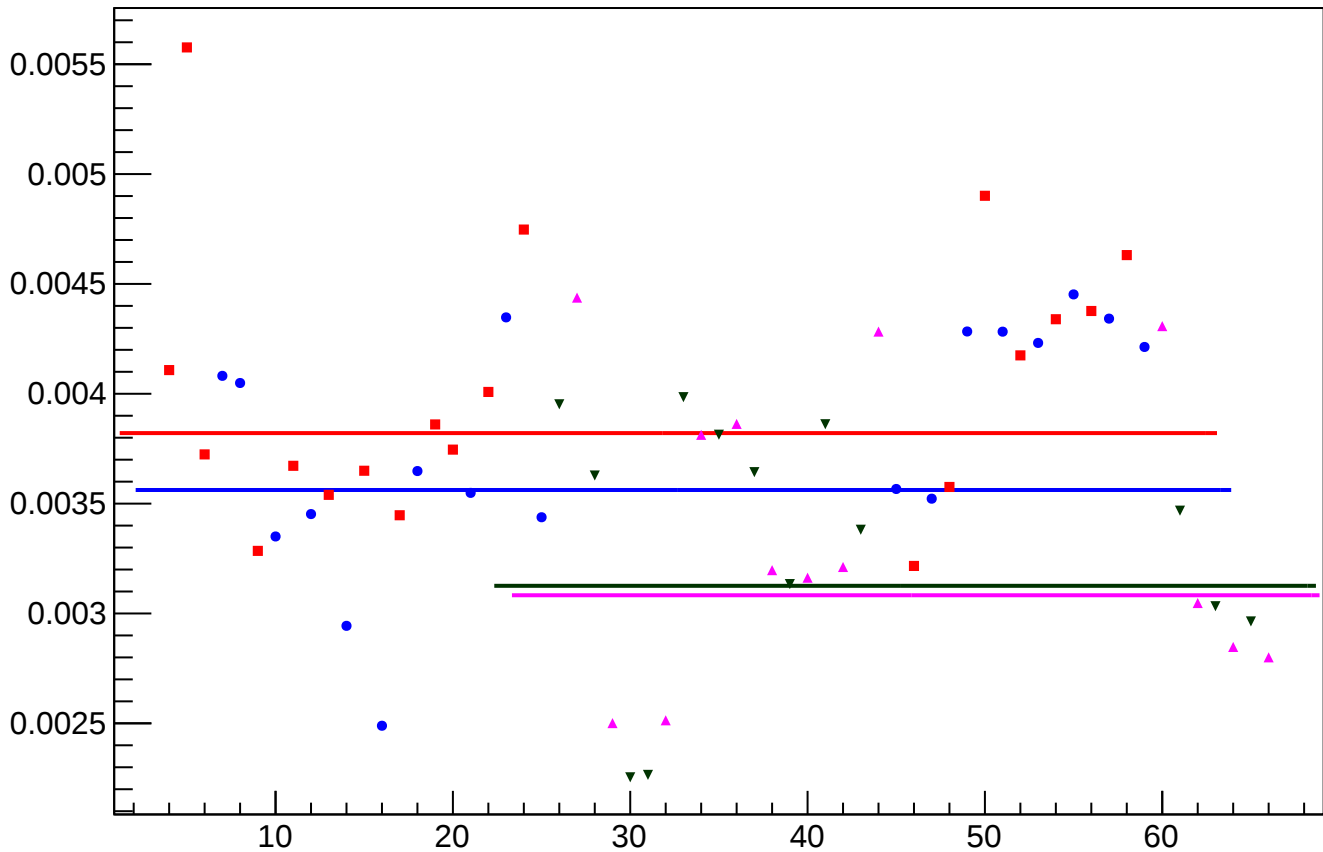
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.384+/-0.000 χ^2/NDF : 6232126249.9/12

-0.354+/-0.000 χ^2/NDF : 18733303713.4/30

-0.340+/-0.000 χ^2/NDF : 9889695024.8/31

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 : 475291.7/12

0.003+/-0.000 χ^2/NDF : 1199192.1/30

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

0.003+/-0.000 χ^2/NDF : 1217404.9/31

Left In: 0.003+/-0.000 χ^2/NDF : 567194.6/12