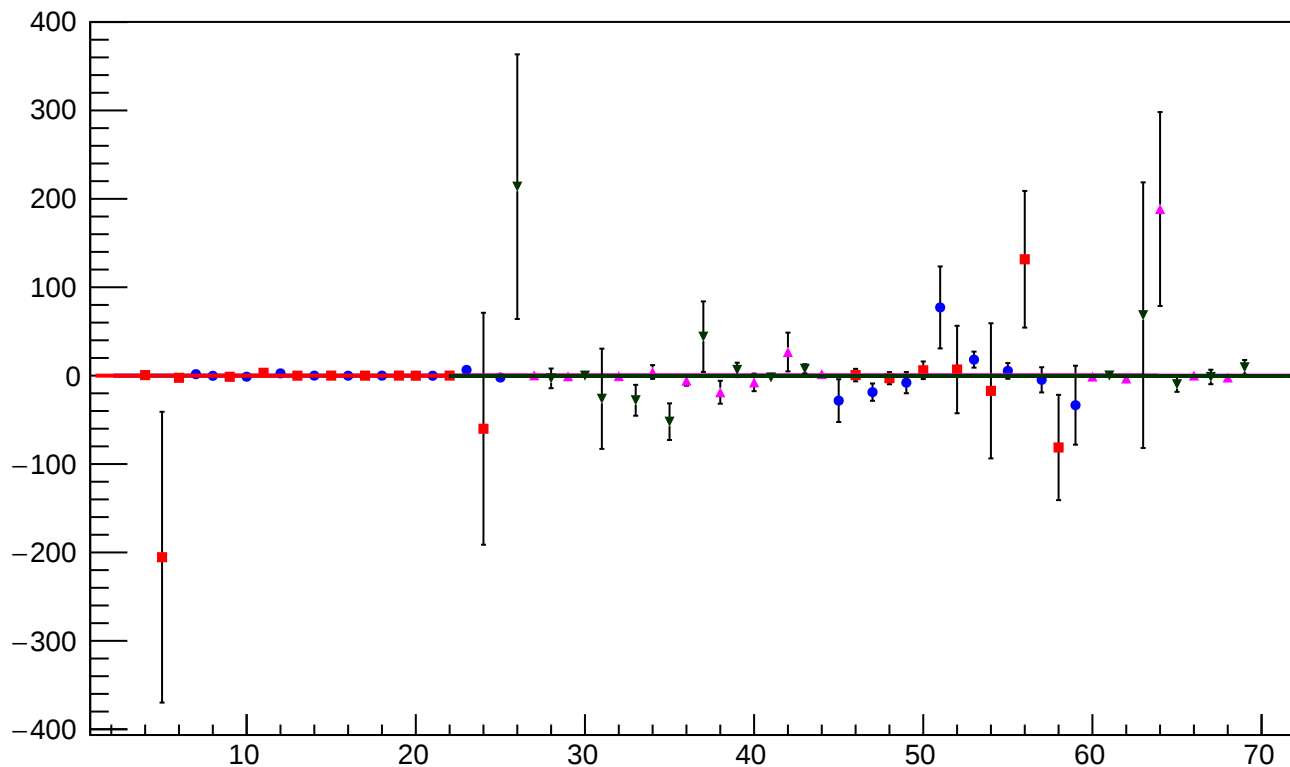


diff_cav4bX_mean vs slug



Right In: -0.014 $\pm$ 0.014

Left Out: -0.401 $\pm$ 1.213

Right Out: 0.017 $\pm$ 0.016

Left In: 0.068 $\pm$ 0.073

χ^2 /NDF: 31.2/17

χ^2 /NDF: 19.0/14

χ^2 /NDF: 24.7/18

χ^2 /NDF: 21.0/13

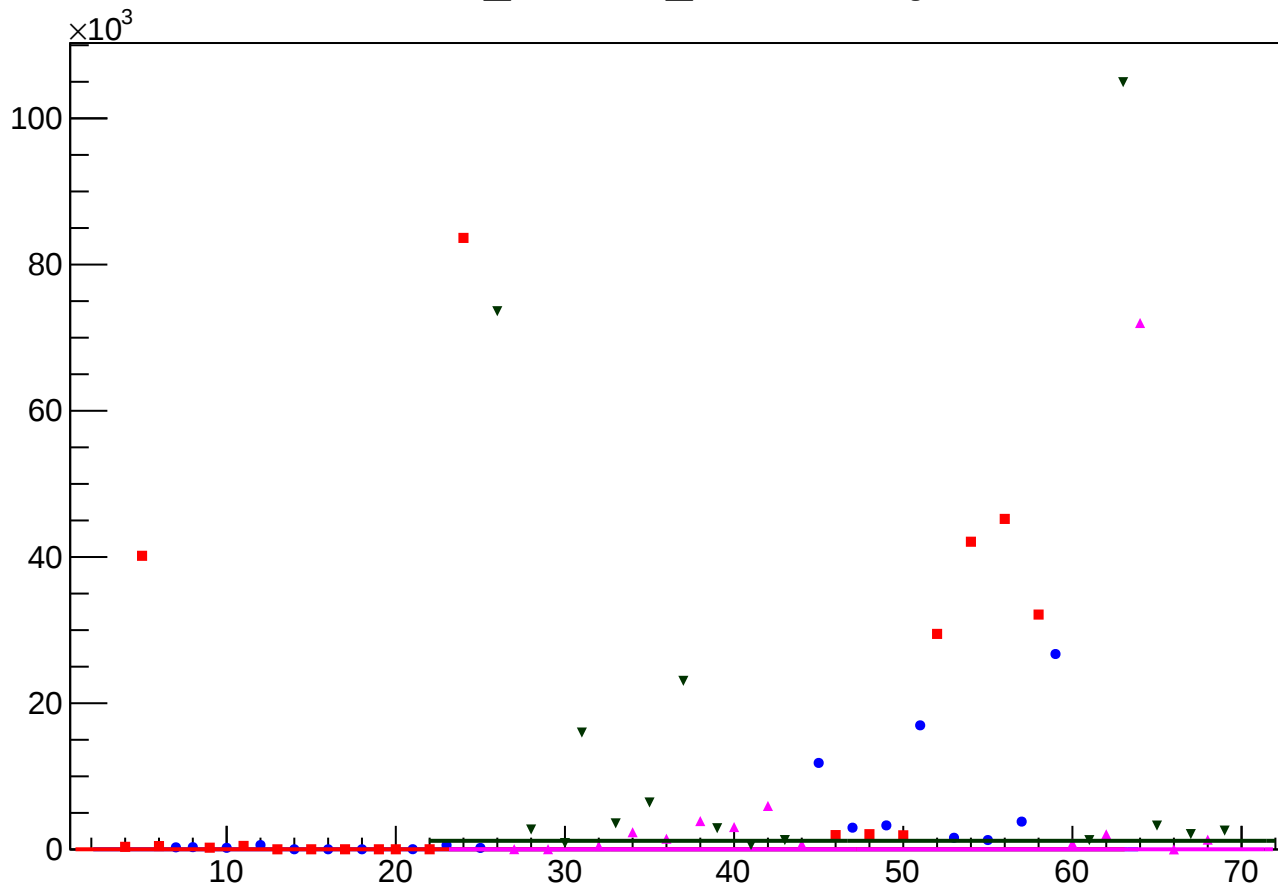
-0.014 $\pm$ 0.014

0.019 $\pm$ 0.016

χ^2 /NDF: 50.3/32

χ^2 /NDF: 46.2/32

diff_cav4bX_rms vs slug



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

Left Out: 1182.453 $\pm$ 0.858 χ^2/NDF : 2838050.1/14

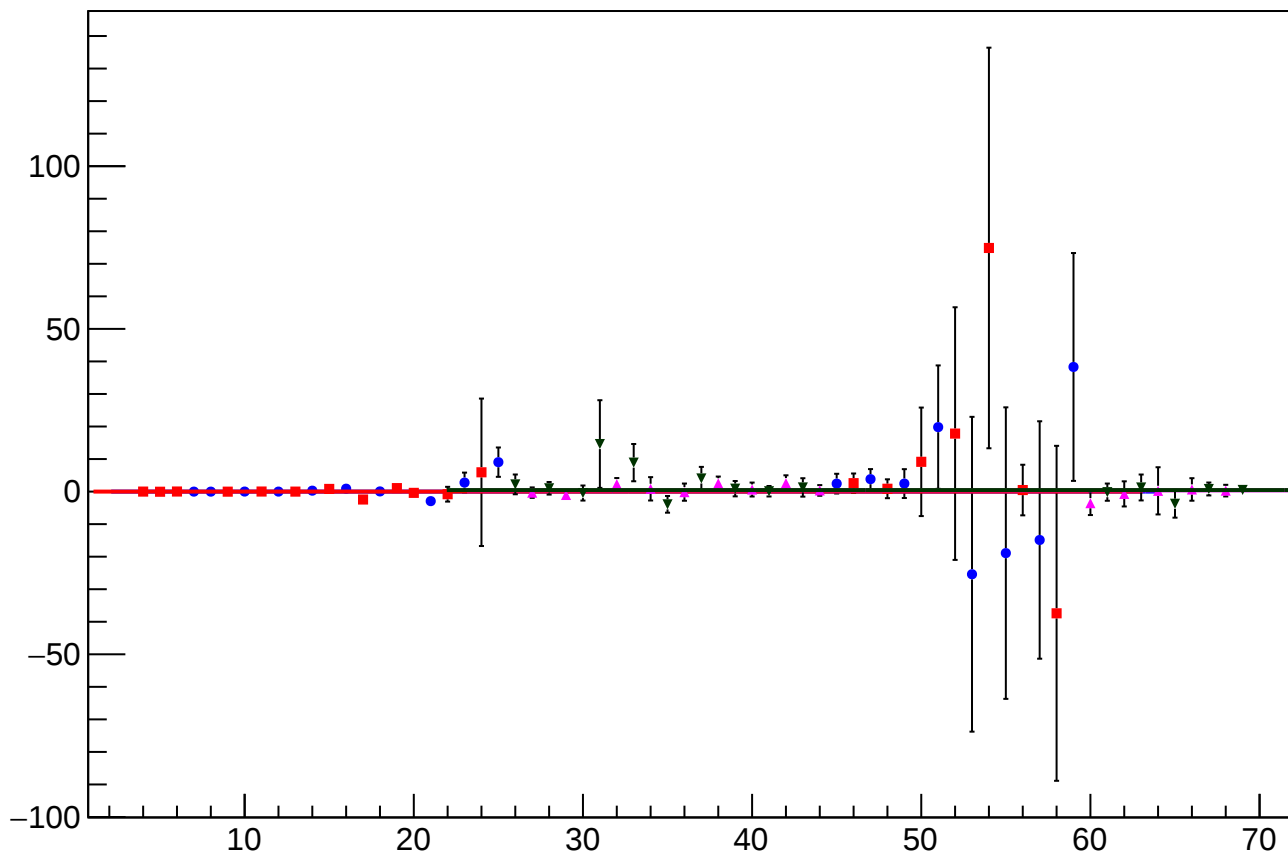
Right Out: 22.611 $\pm$ 0.011 χ^2/NDF : 4395534.2/18

Left In: 23.776 $\pm$ 0.052 χ^2/NDF : 3891459.7/13

22.591 $\pm$ 0.010 χ^2/NDF : 7469900.6/32

22.665 $\pm$ 0.011 χ^2/NDF : 8287481.3/32

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 $\chi^2/\text{NDF}: 23.6/17$

Left Out: 0.464 ± 0.629 $\chi^2/\text{NDF}: 9.0/14$

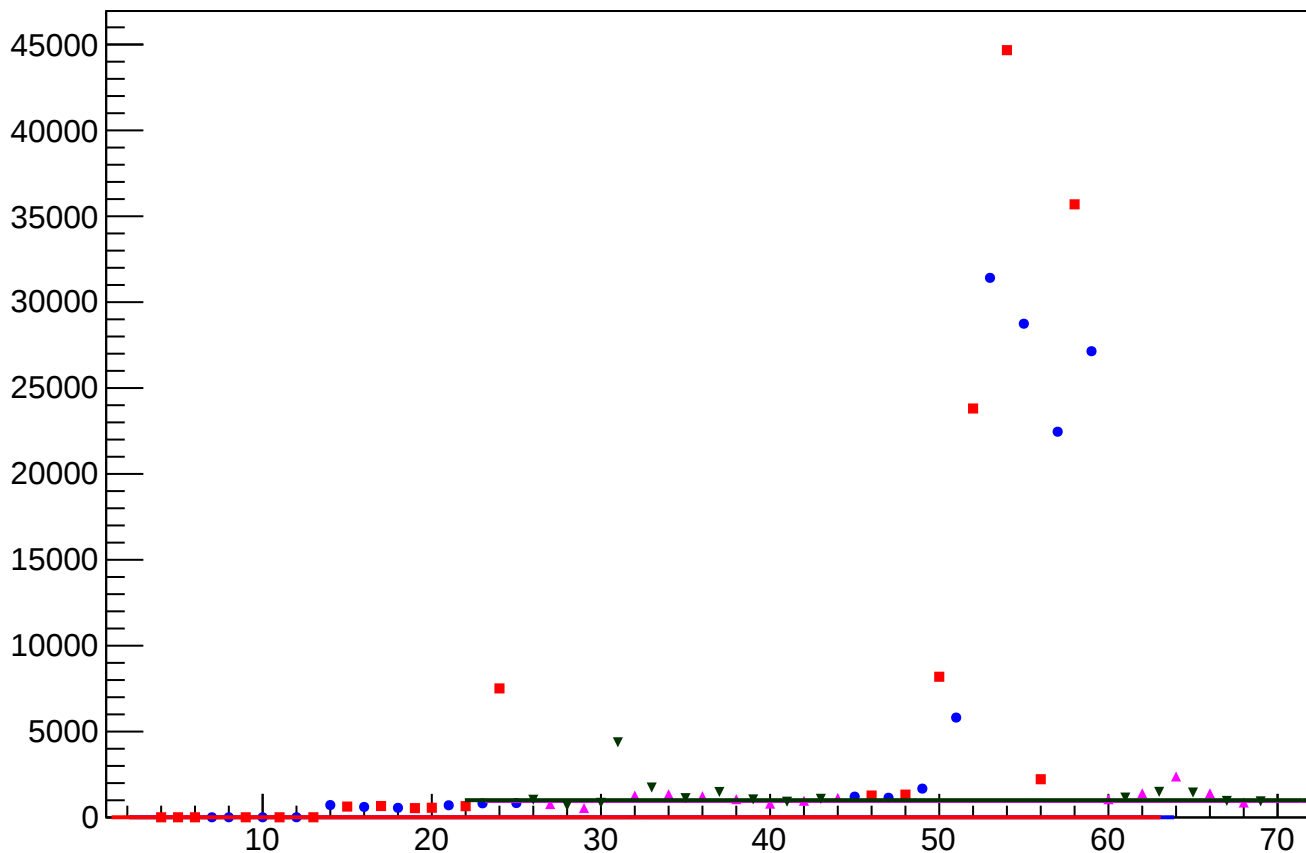
Right Out: 0.002 ± 0.005 $\chi^2/\text{NDF}: 20.3/18$

Left In: 0.384 ± 0.578 $\chi^2/\text{NDF}: 5.6/13$

-0.001 ± 0.006 $\chi^2/\text{NDF}: 33.2/32$

0.002 ± 0.005 $\chi^2/\text{NDF}: 26.4/32$

diff_cav4bY_rms vs slug



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

Left Out: 1005.400+/-0.445 χ^2/NDF : 334288.9/14

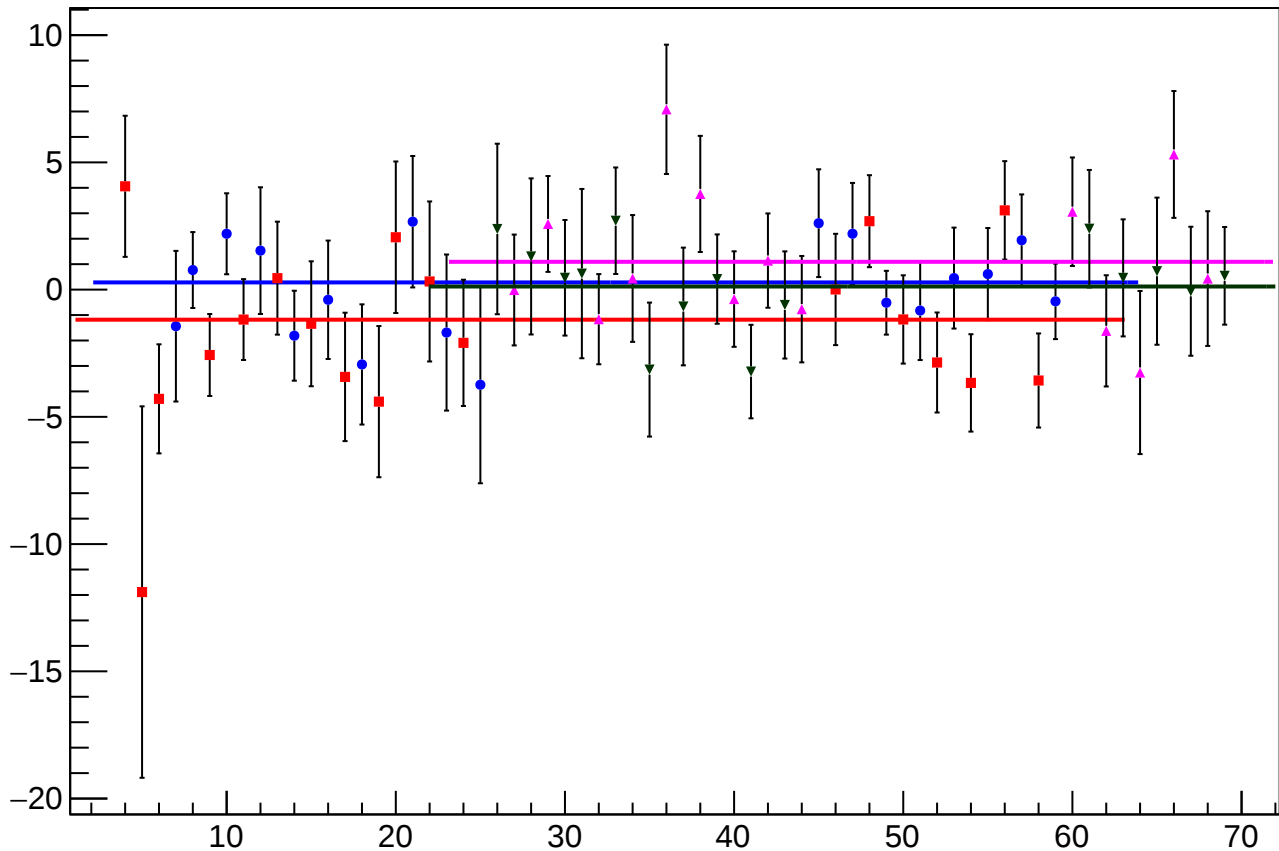
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 959.938+/-0.408 χ^2/NDF : 497318.8/13

10.613+/-0.005 χ^2/NDF : 14289933.9/32

10.171+/-0.004 χ^2/NDF : 12654938.3/32

diff_cav4cX_mean vs slug



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

Left Out: 0.122 ± 0.597 $\chi^2/\text{NDF}: 8.4/14$

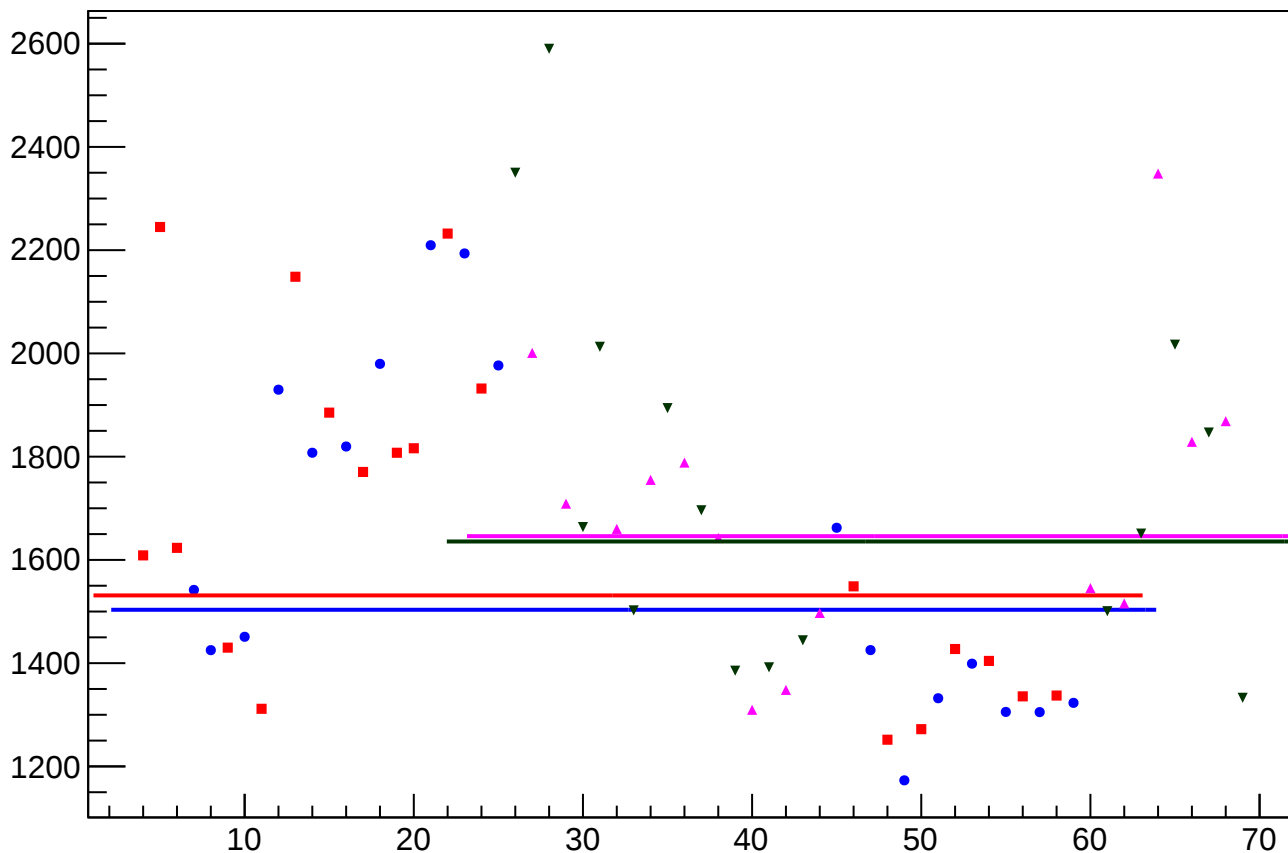
Right Out: -1.182 ± 0.494 $\chi^2/\text{NDF}: 26.5/18$

Left In: 1.093 ± 0.582 $\chi^2/\text{NDF}: 18.1/13$

0.224 ± 0.362 $\chi^2/\text{NDF}: 20.2/32$

-0.230 ± 0.376 $\chi^2/\text{NDF}: 53.5/32$

diff_cav4cX_rms vs slug



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

Left Out: 1635.673+/-0.422 χ^2/NDF : 537034.7/14

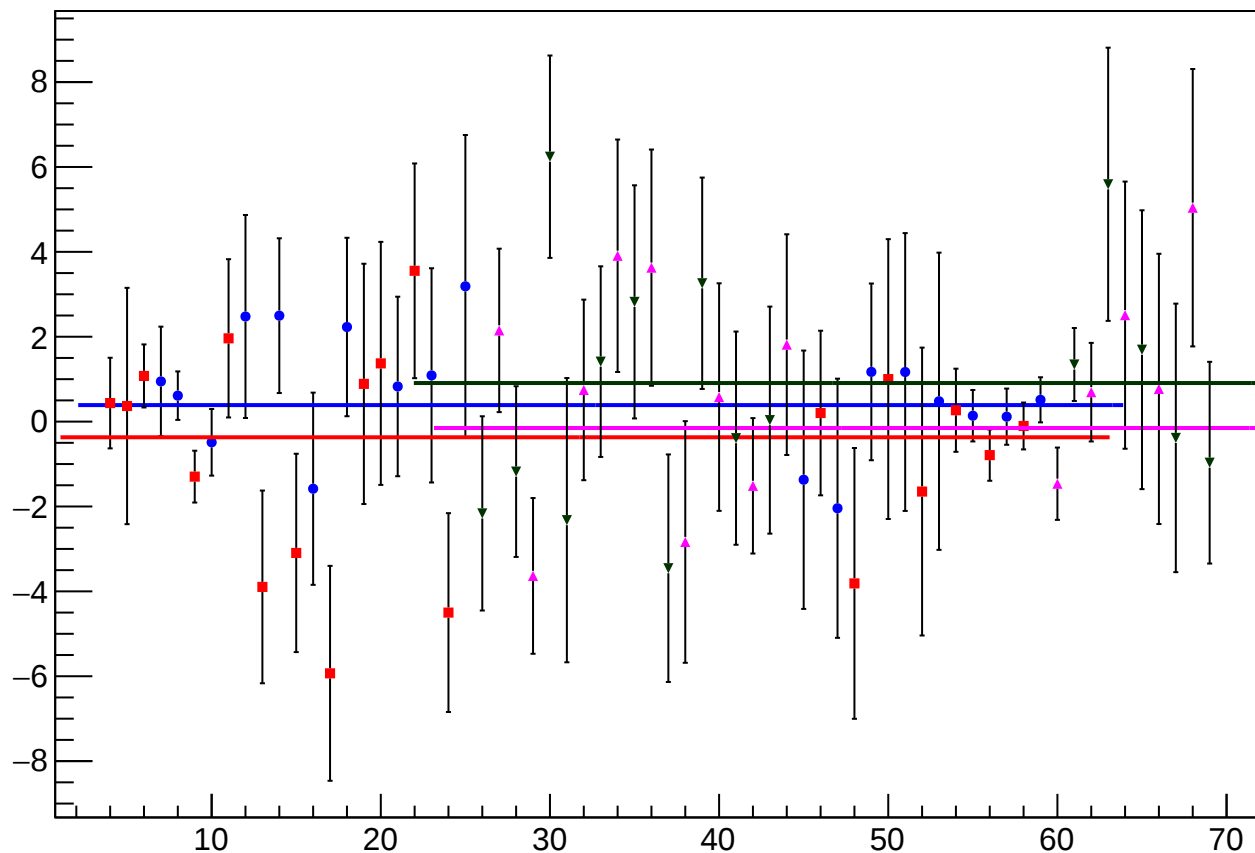
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1646.005+/-0.411 χ^2/NDF : 324240.3/13

1552.087+/-0.256 χ^2/NDF : 1375908.0/32

1579.257+/-0.266 χ^2/NDF : 990816.7/32

diff_cav4cY_mean vs slug



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

Left Out: 0.909 ± 0.538 χ^2/NDF : 16.5/14

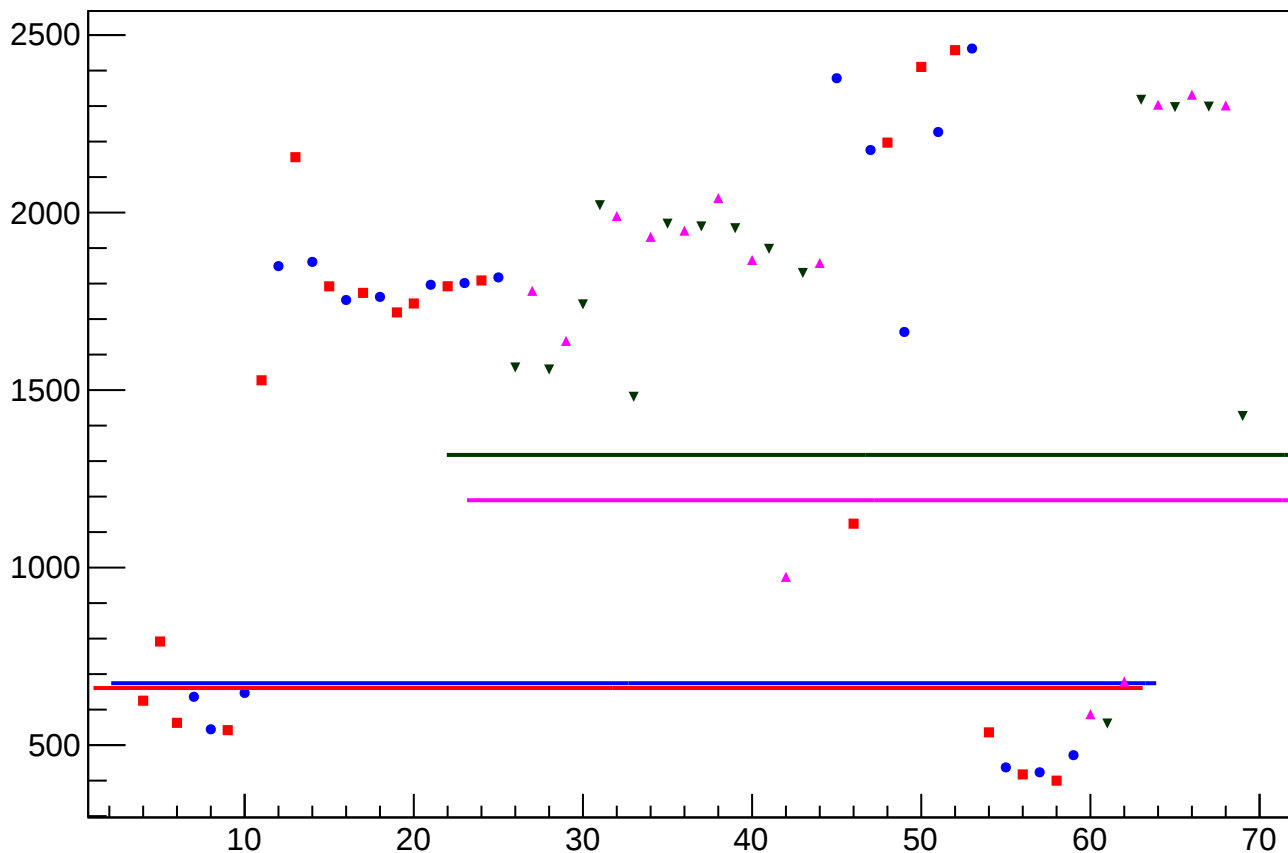
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.151 ± 0.484 χ^2/NDF : 17.7/13

0.482 ± 0.228 χ^2/NDF : 24.8/32

-0.320 ± 0.231 χ^2/NDF : 43.6/32

diff_cav4cY_rms vs slug



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

Left Out: 1317.380+/-0.381 χ^2/NDF :2869613.6/14

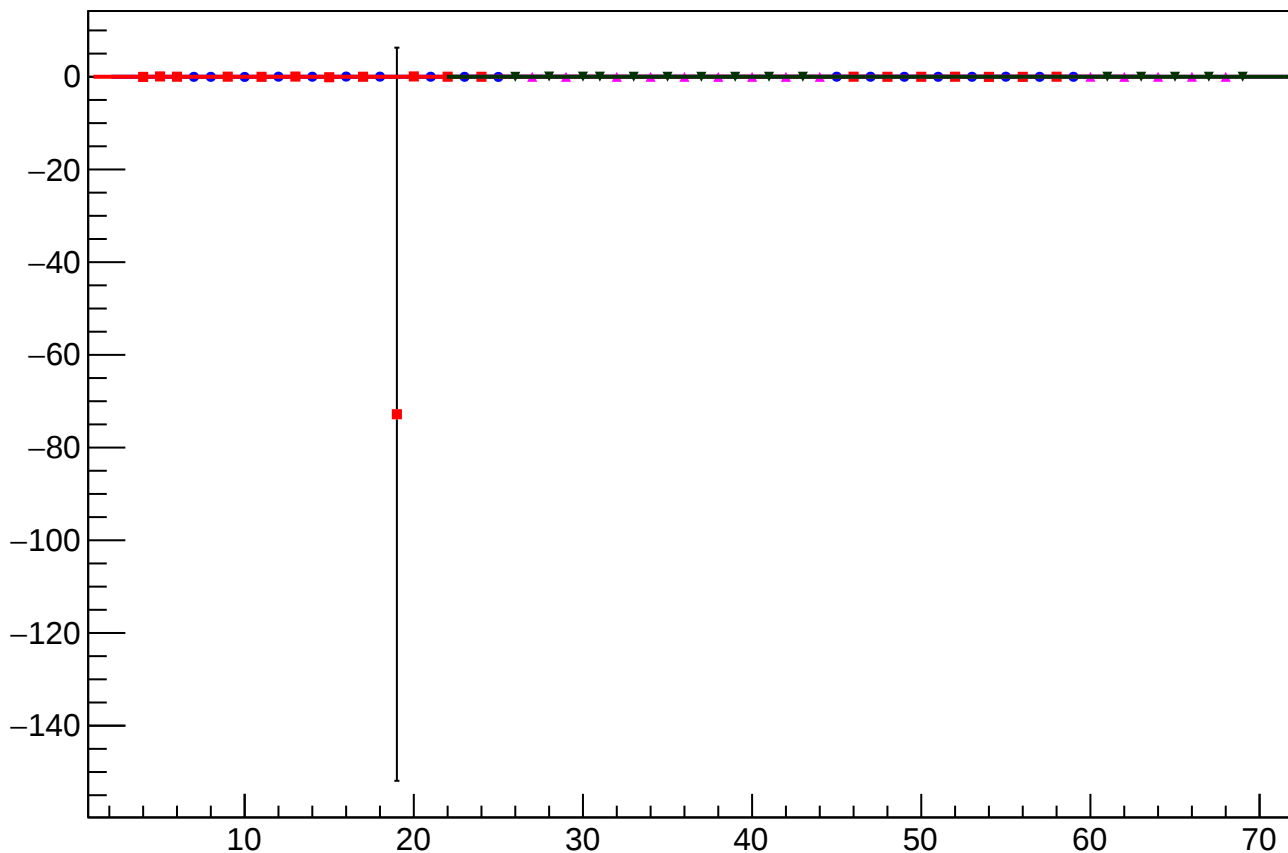
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 1189.753+/-0.342 χ^2/NDF :3488378.9/13

789.550+/-0.161 χ^2/NDF : 12225887.6/32

780.968+/-0.163 χ^2/NDF : 11556134.0/32

diff_cav4dX_mean vs slug



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

Left Out: 0.001 $\pm$ 0.003 χ^2 /NDF: 8.9/14

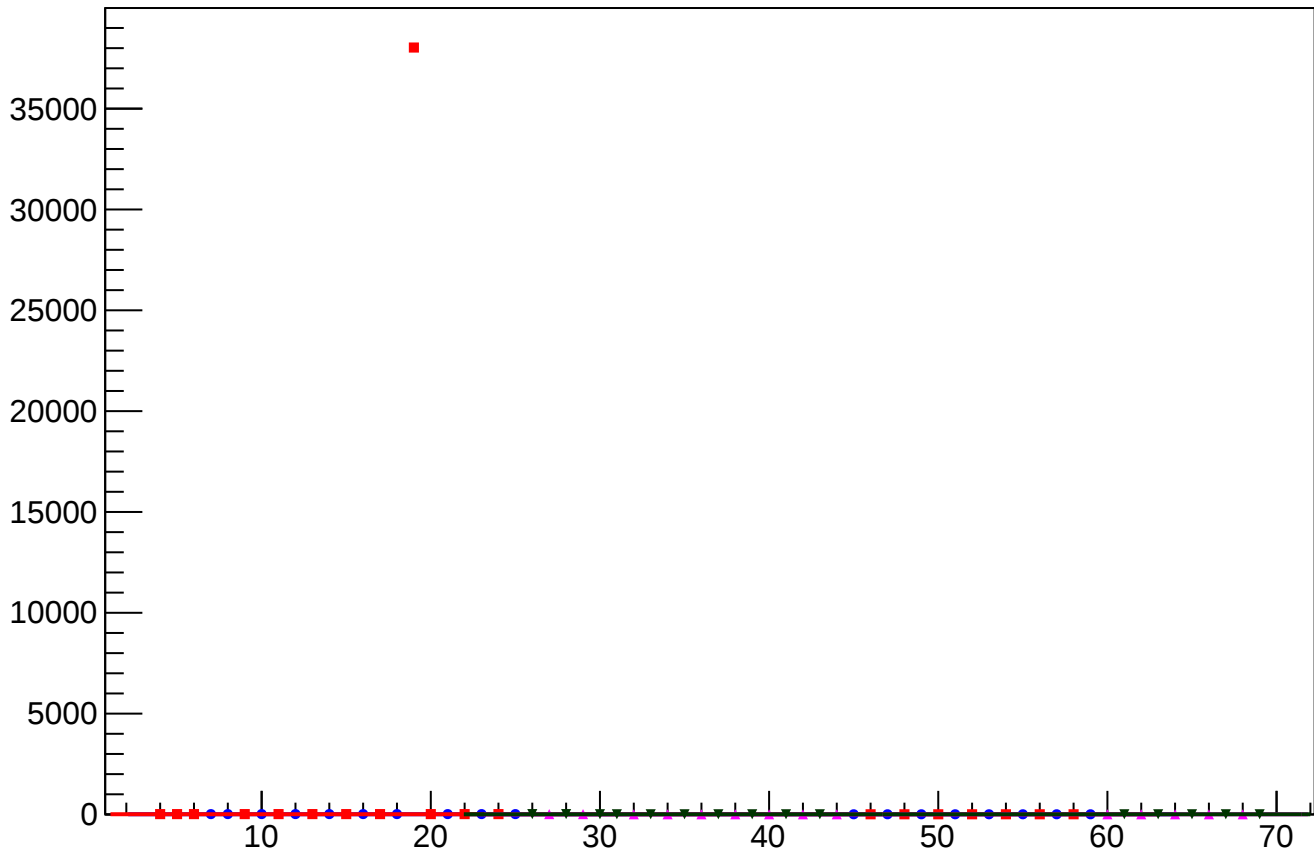
Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 20.0/18

Left In: 0.001 $\pm$ 0.003 χ^2 /NDF: 5.6/13

0.001 $\pm$ 0.002 χ^2 /NDF: 20.9/32

0.001 $\pm$ 0.003 χ^2 /NDF: 25.6/32

diff_cav4dX_rms vs slug



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

Left Out: 9.099 $\pm$ 0.002 χ^2 /NDF: 610368.7/14

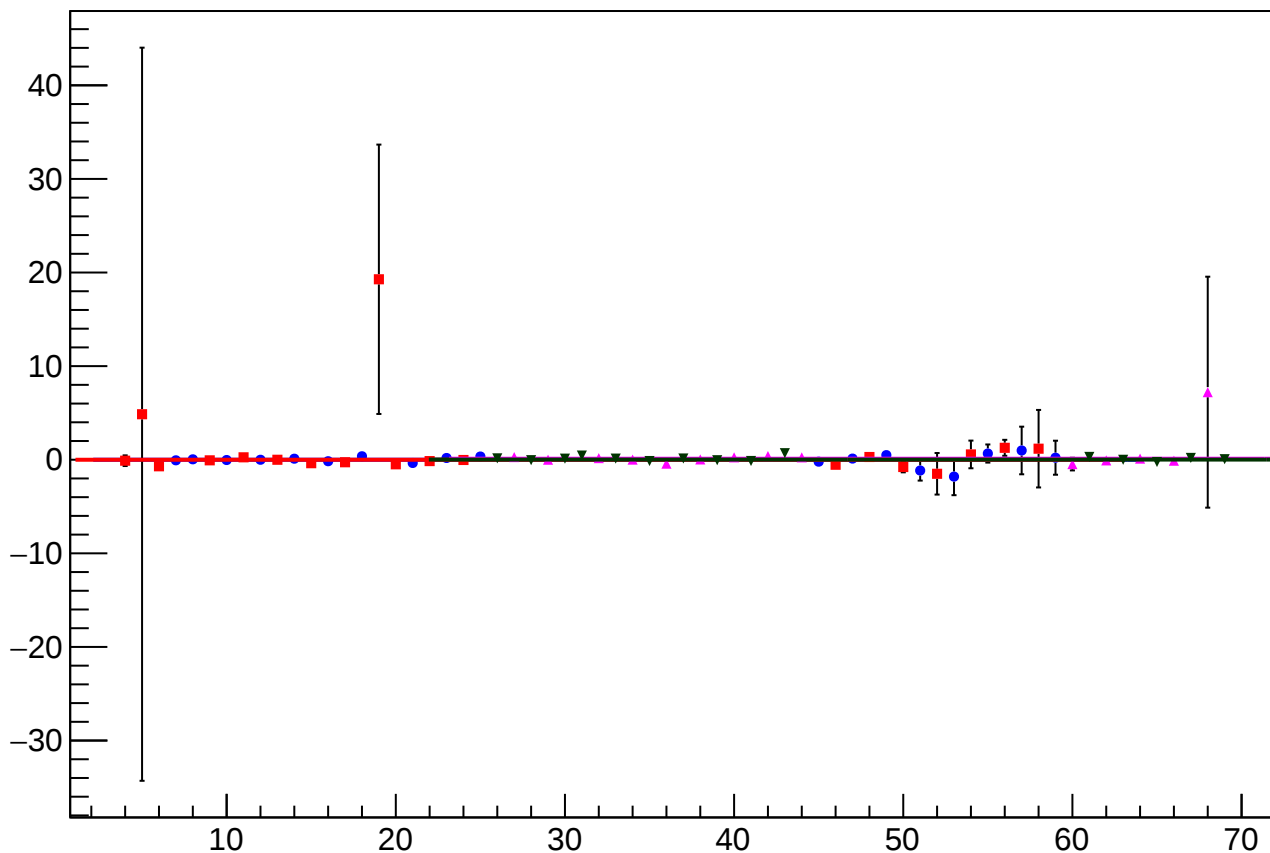
9.792 $\pm$ 0.002 χ^2 /NDF: 2745852.6/32

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

9.891 $\pm$ 0.002 χ^2 /NDF: 3313921.9/32

Left In: 9.117 $\pm$ 0.002 χ^2 /NDF: 774784.5/13

diff_cav4dY_mean vs slug



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

Left Out: 0.017 ± 0.047 χ^2/NDF : 19.2/14

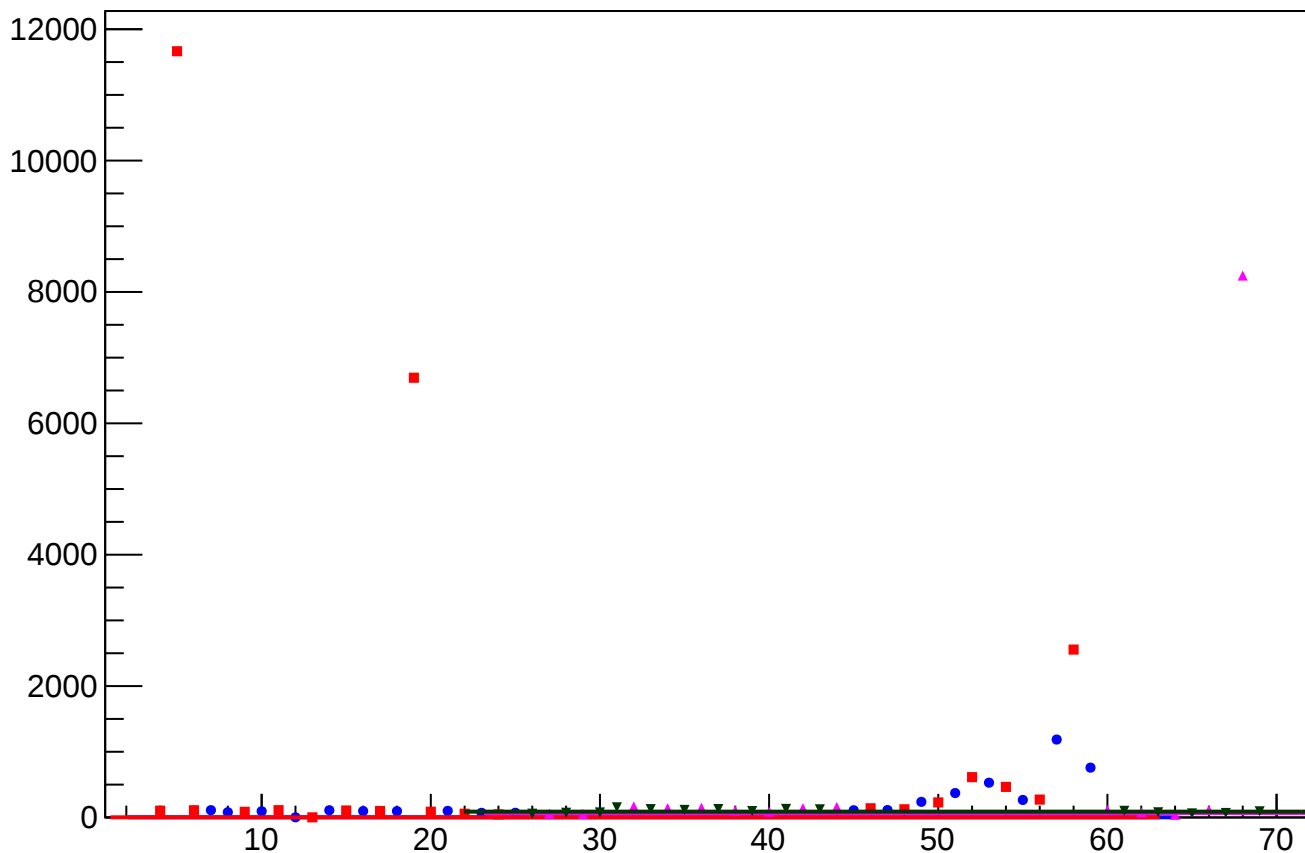
Right Out: -0.003 ± 0.003 χ^2/NDF : 21.1/18

Left In: 0.108 ± 0.039 χ^2/NDF : 12.6/13

-0.003 ± 0.003 χ^2/NDF : 40.2/32

-0.002 ± 0.003 χ^2/NDF : 41.7/32

diff_cav4dY_rms vs slug



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

Left Out: 88.534+/-0.033 χ^2/NDF : 601054.6/14

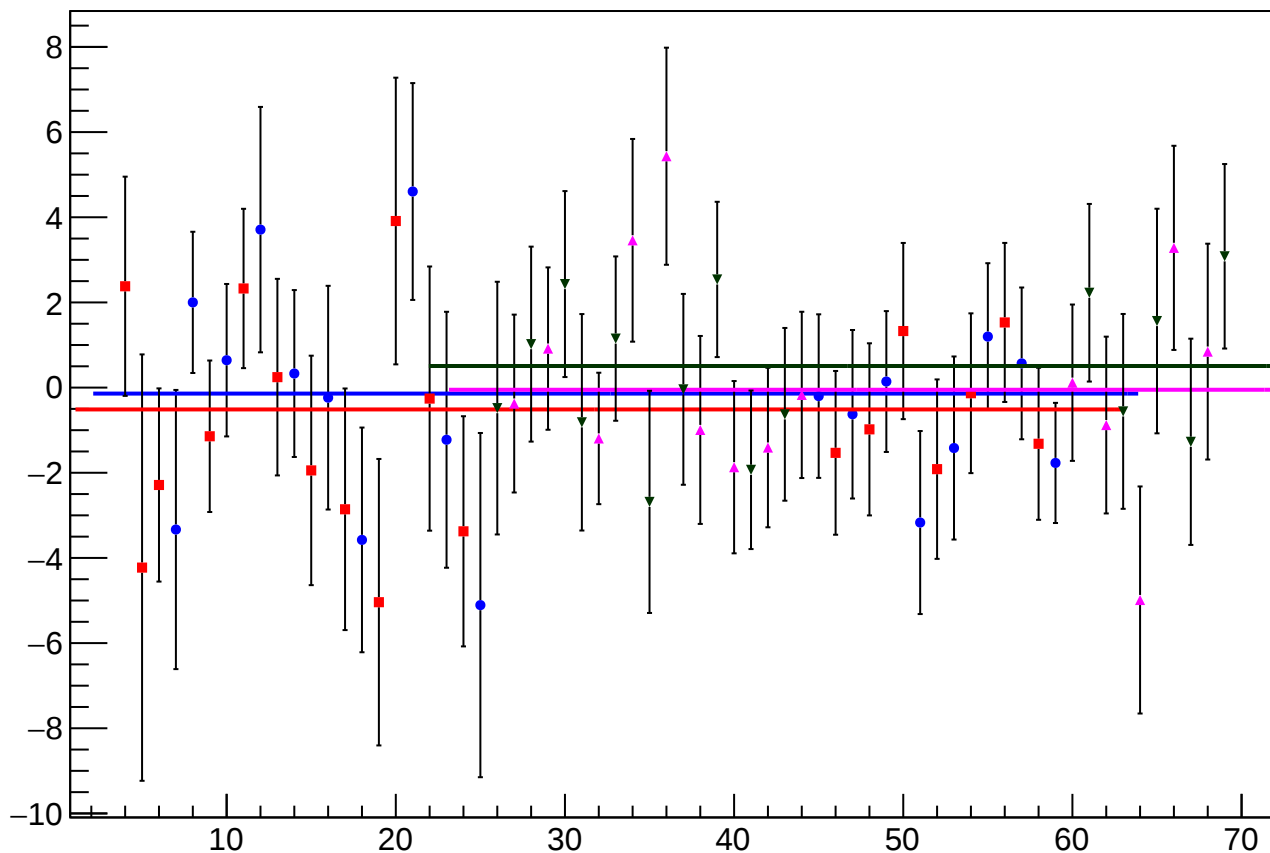
Right Out: 2.101+/-0.002 χ^2/NDF : 6716516.3/18

Left In: 67.027+/-0.028 χ^2/NDF : 2626225.7/13

2.580+/-0.002 χ^2/NDF : 16431799.7/32

2.488+/-0.002 χ^2/NDF : 14847616.8/32

diff_bpm4aX_mean vs slug



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

Left Out: 0.507 ± 0.571 χ^2/NDF : 9.2/14

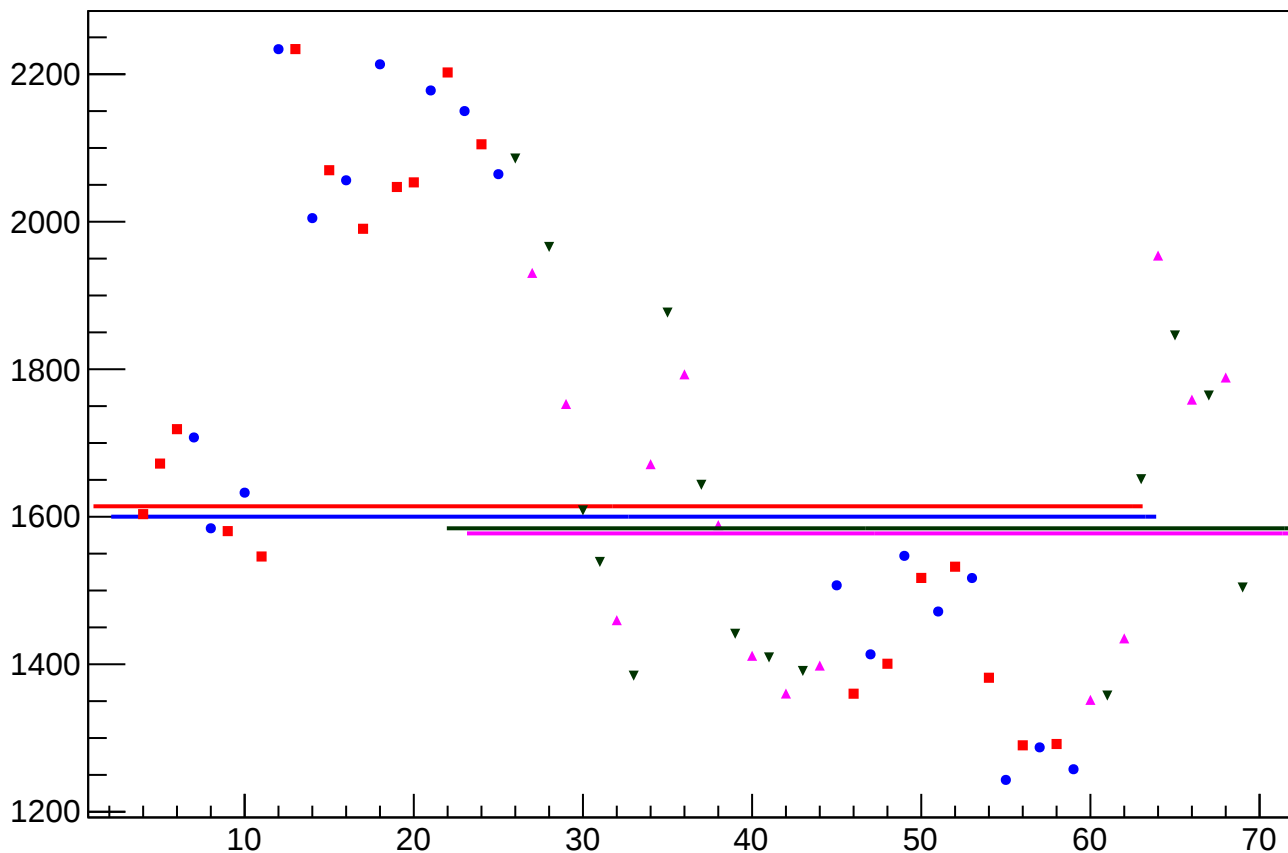
Right Out: -0.513 ± 0.519 χ^2/NDF : 13.6/18

Left In: -0.051 ± 0.555 χ^2/NDF : 14.8/13

0.131 ± 0.370 χ^2/NDF : 25.9/32

-0.297 ± 0.379 χ^2/NDF : 28.8/32

diff_bpm4aX_rms vs slug



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

Left Out: 1584.351+/-0.404 χ^2/NDF : 268483.1/14

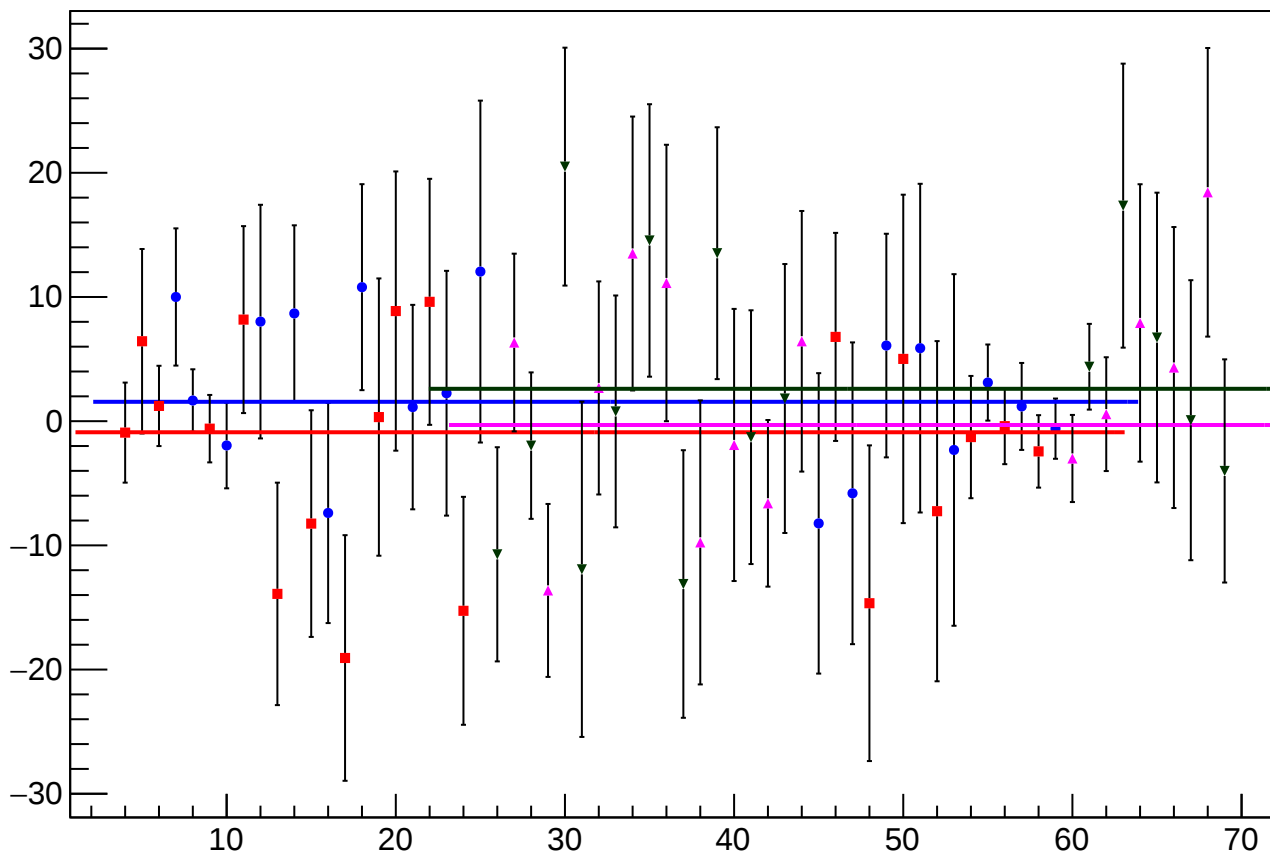
Right Out: 1614.182+/-0.367 χ^2/NDF : 670373.5/18

Left In: 1577.429+/-0.392 χ^2/NDF : 265341.1/13

1593.502+/-0.262 χ^2/NDF : 1119121.6/32

1597.024+/-0.268 χ^2/NDF : 940397.2/32

diff_bpm4aY_mean vs slug



Right In: 1.560 ± 1.148 χ^2/NDF : 10.2/17

Left Out: 2.607 ± 2.067 χ^2/NDF : 14.9/14

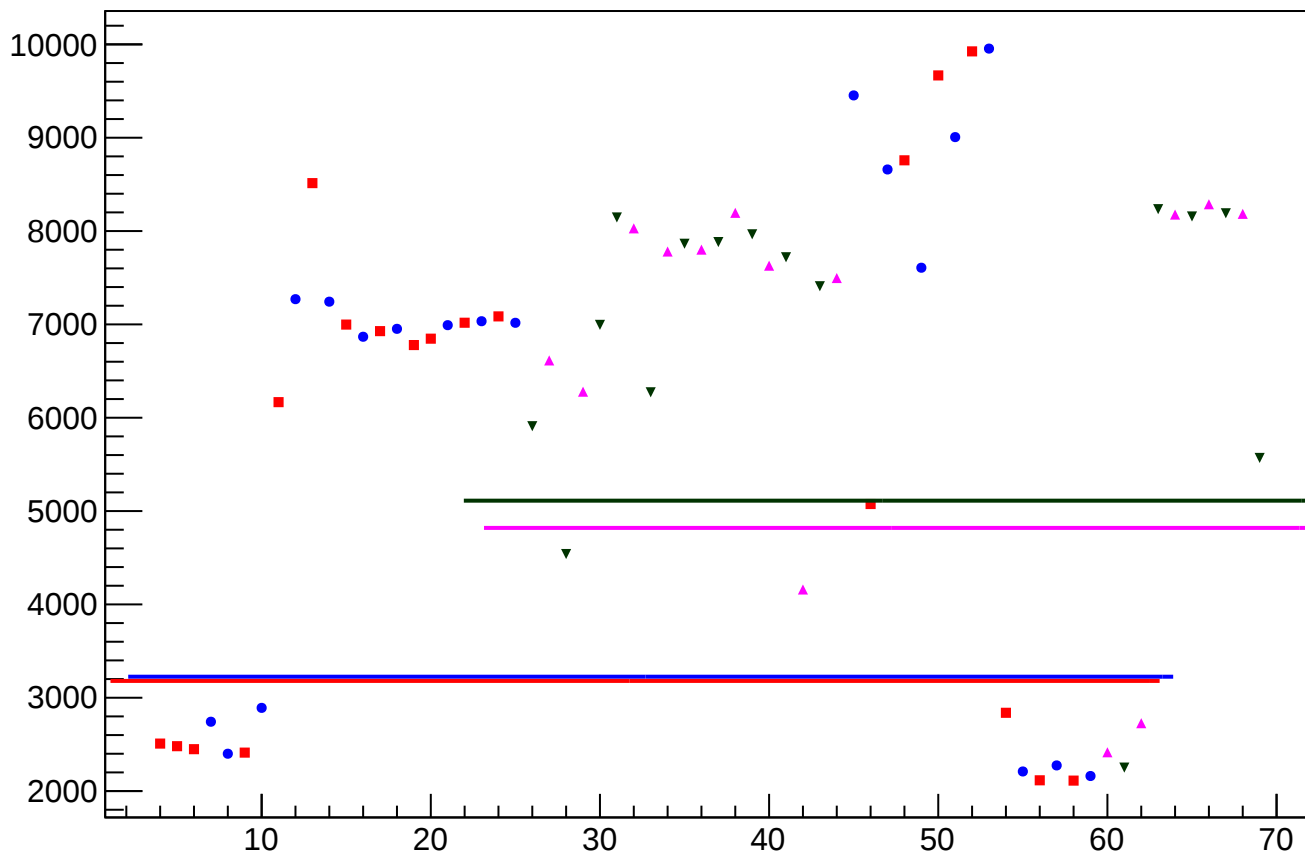
Right Out: -0.892 ± 1.197 χ^2/NDF : 16.1/18

Left In: -0.307 ± 1.926 χ^2/NDF : 13.2/13

1.807 ± 1.004 χ^2/NDF : 25.4/32

-0.729 ± 1.017 χ^2/NDF : 29.4/32

diff_bpm4aY_rms vs slug



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

Left Out: 5111.446+/-1.462 χ^2/NDF : 2695010.5/14

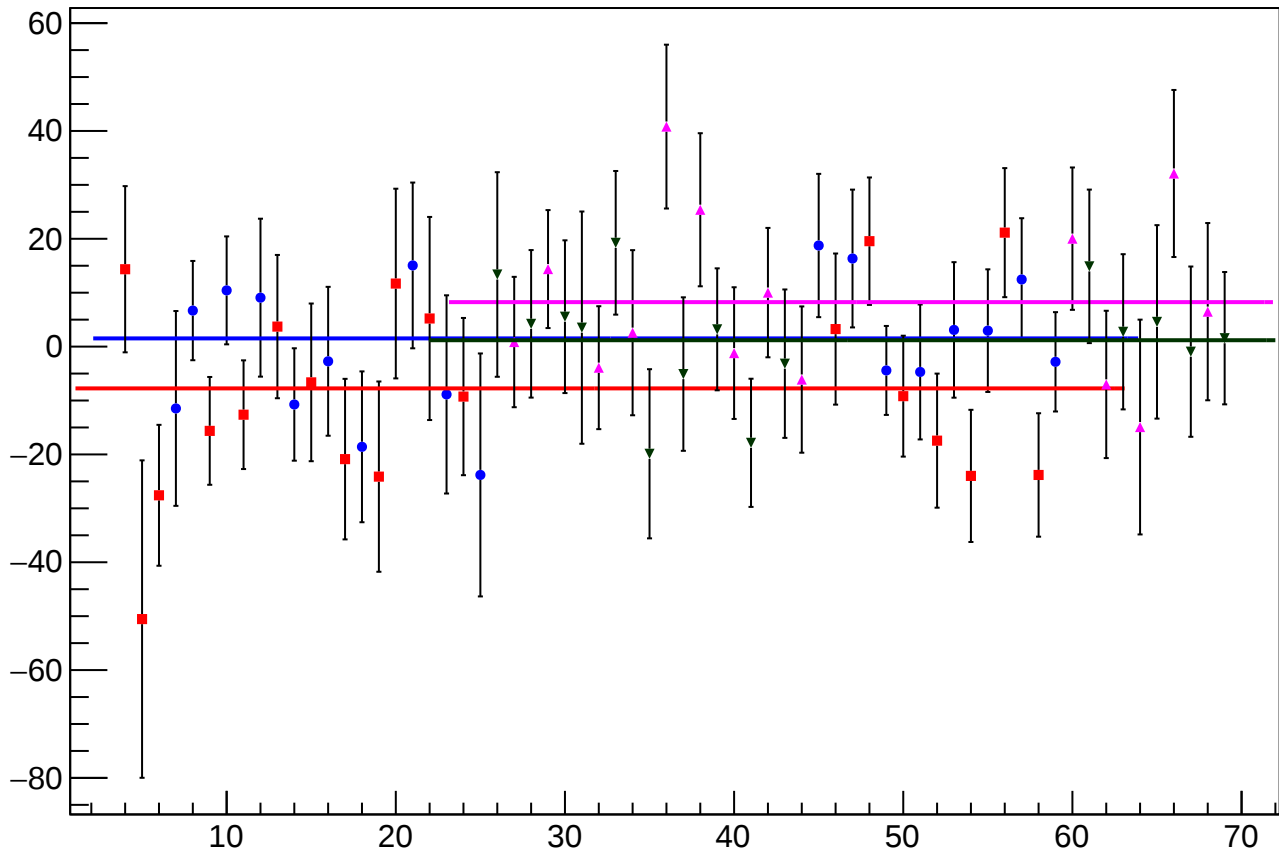
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 4819.570+/-1.362 χ^2/NDF : 3129002.5/13

3670.122+/-0.710 χ^2/NDF : 9828094.8/32

3636.684+/-0.719 χ^2/NDF : 9227445.3/32

diff_bpm4eX_mean vs slug



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

Left Out: 1.184 ± 3.687 χ^2/NDF : 8.1/14

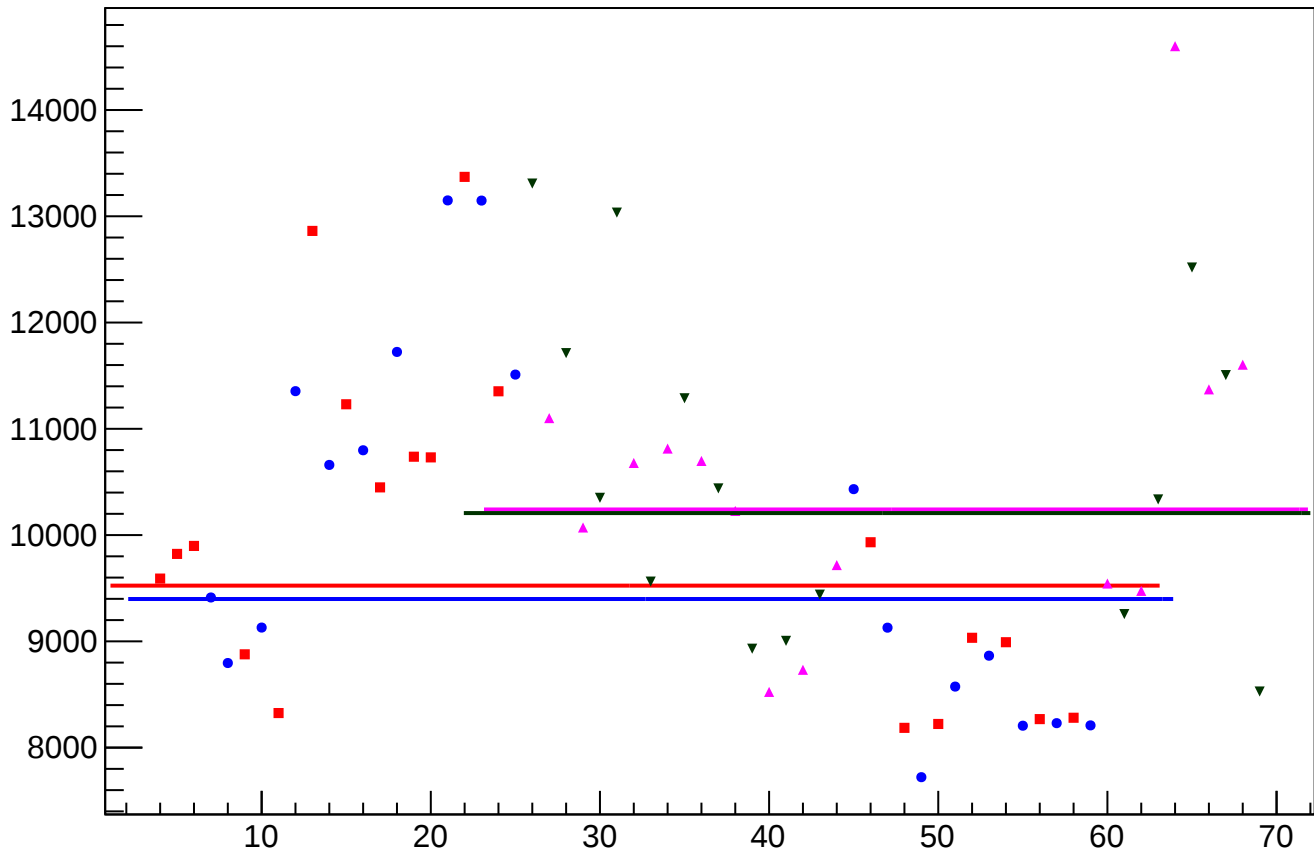
Right Out: -7.752 ± 3.046 χ^2/NDF : 27.5/18

Left In: 8.249 ± 3.604 χ^2/NDF : 15.5/13

1.396 ± 2.246 χ^2/NDF : 20.9/32

-1.085 ± 2.326 χ^2/NDF : 54.6/32

diff_bpm4eX_rms vs slug



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

Left Out: 10207.068 $\pm$ 2.607 χ^2 /NDF: 272315.8/14

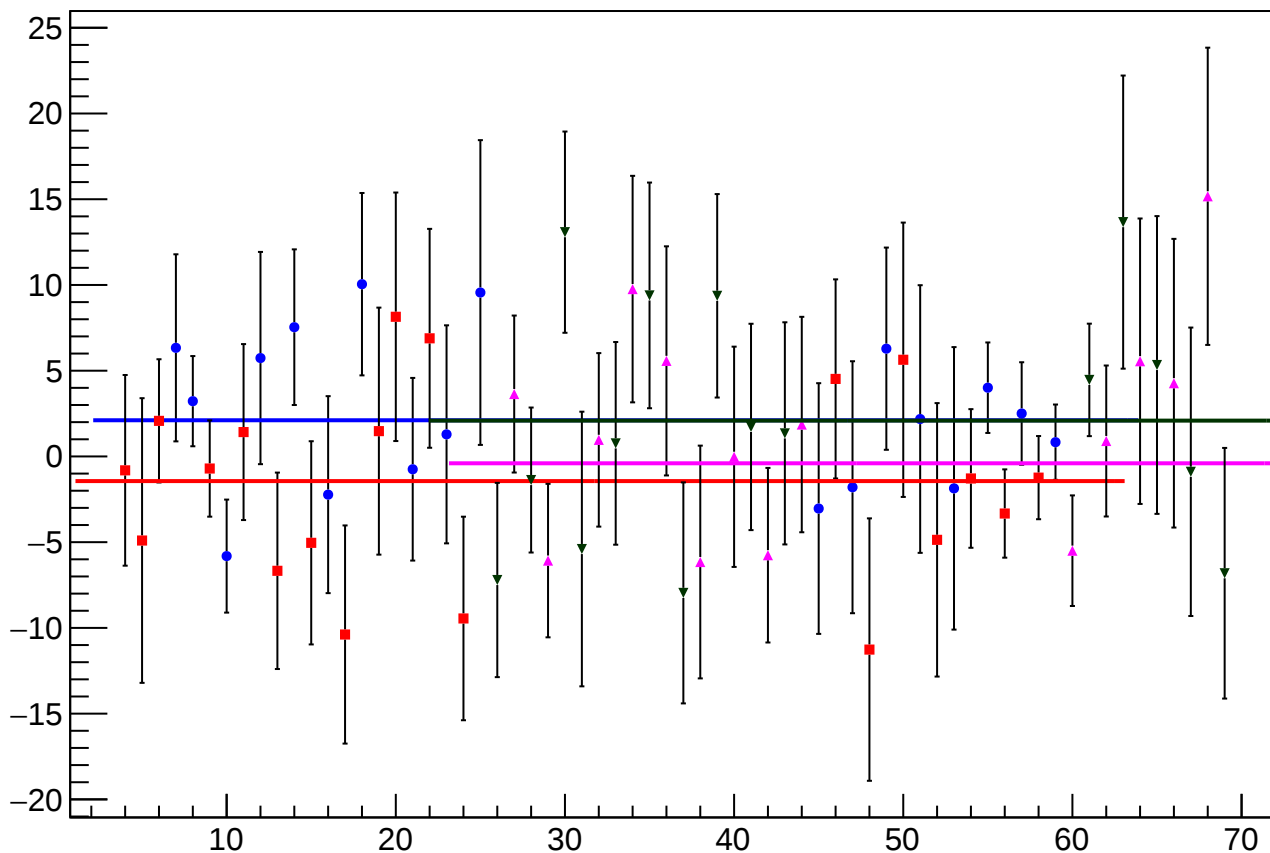
Right Out: 9524.317 $\pm$ 2.154 χ^2 /NDF: 440161.2/18

Left In: 10240.930 $\pm$ 2.548 χ^2 /NDF: 224267.5/13

9698.512 $\pm$ 1.588 χ^2 /NDF: 887702.1/32

9822.893 $\pm$ 1.645 χ^2 /NDF: 710562.3/32

diff_bpm4eY_mean vs slug



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

Left Out: 2.089 $\pm$ 1.507 χ^2 /NDF:17.1/14

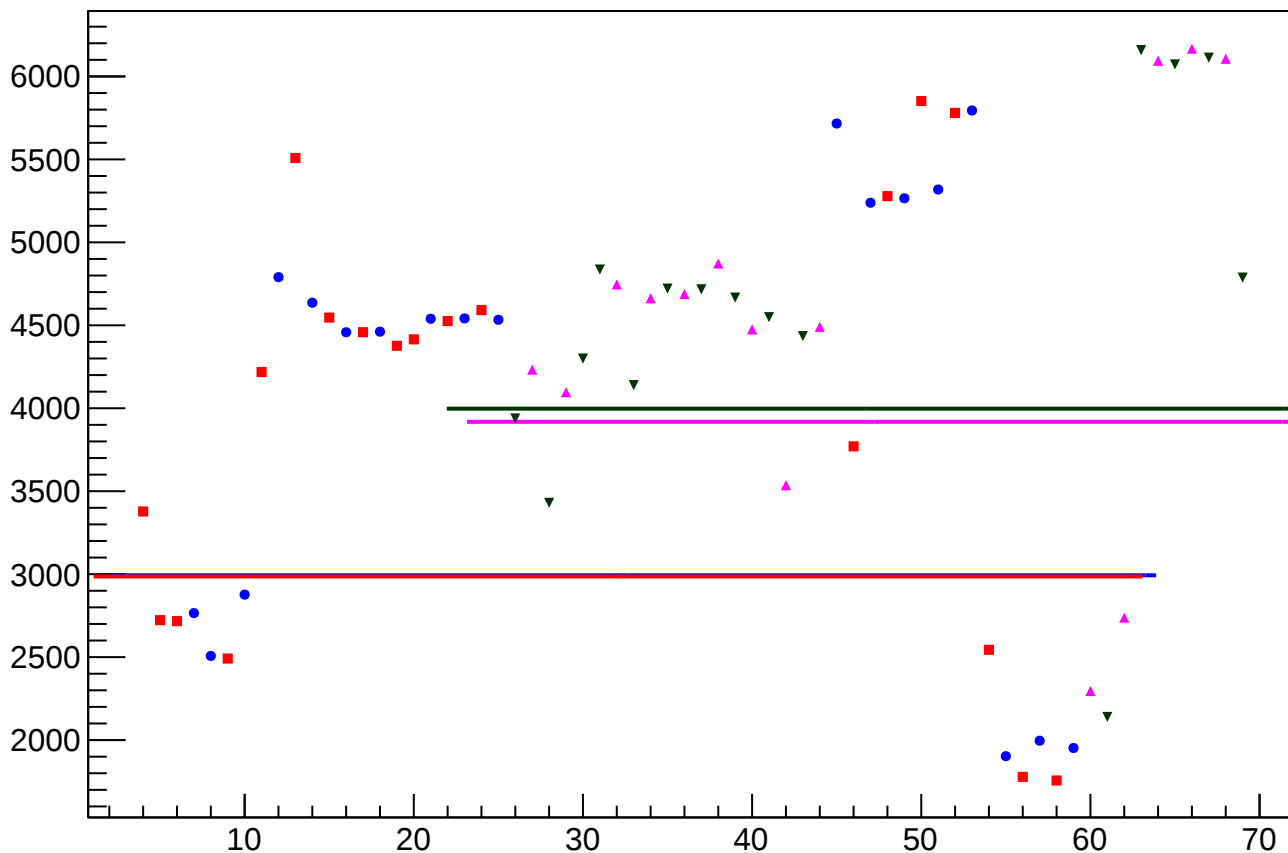
Right Out: -1.438 $\pm$ 1.040 χ^2 /NDF: 14.4/18

Left In: -0.400 $\pm$ 1.441 χ^2 /NDF:14.2/13

2.104 $\pm$ 0.821 χ^2 /NDF: 31.6/32

-1.082 $\pm$ 0.843 χ^2 /NDF: 28.9/32

diff_bpm4eY_rms vs slug



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

Left Out: 3997.684 $\pm$ 1.066 χ^2 /NDF:1199125.1/14

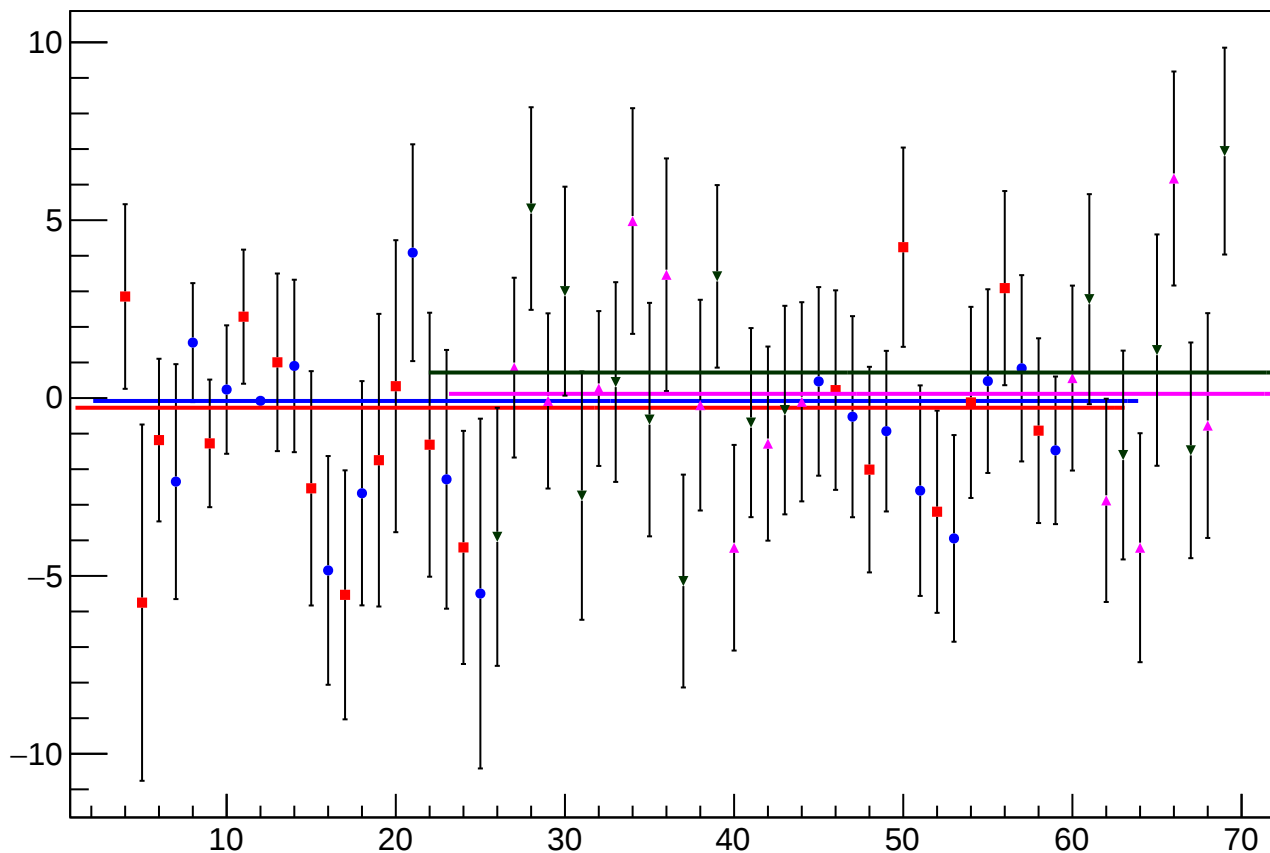
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 3918.198 $\pm$ 1.019 χ^2 /NDF:1257531.4/13

3291.301 $\pm$ 0.581 χ^2 /NDF: 5141883.5/32

3305.415 $\pm$ 0.596 χ^2 /NDF: 4753211.5/32

diff_bpm4acX_mean vs slug



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

Left Out: 0.718 ± 0.769 χ^2/NDF : 17.6/14

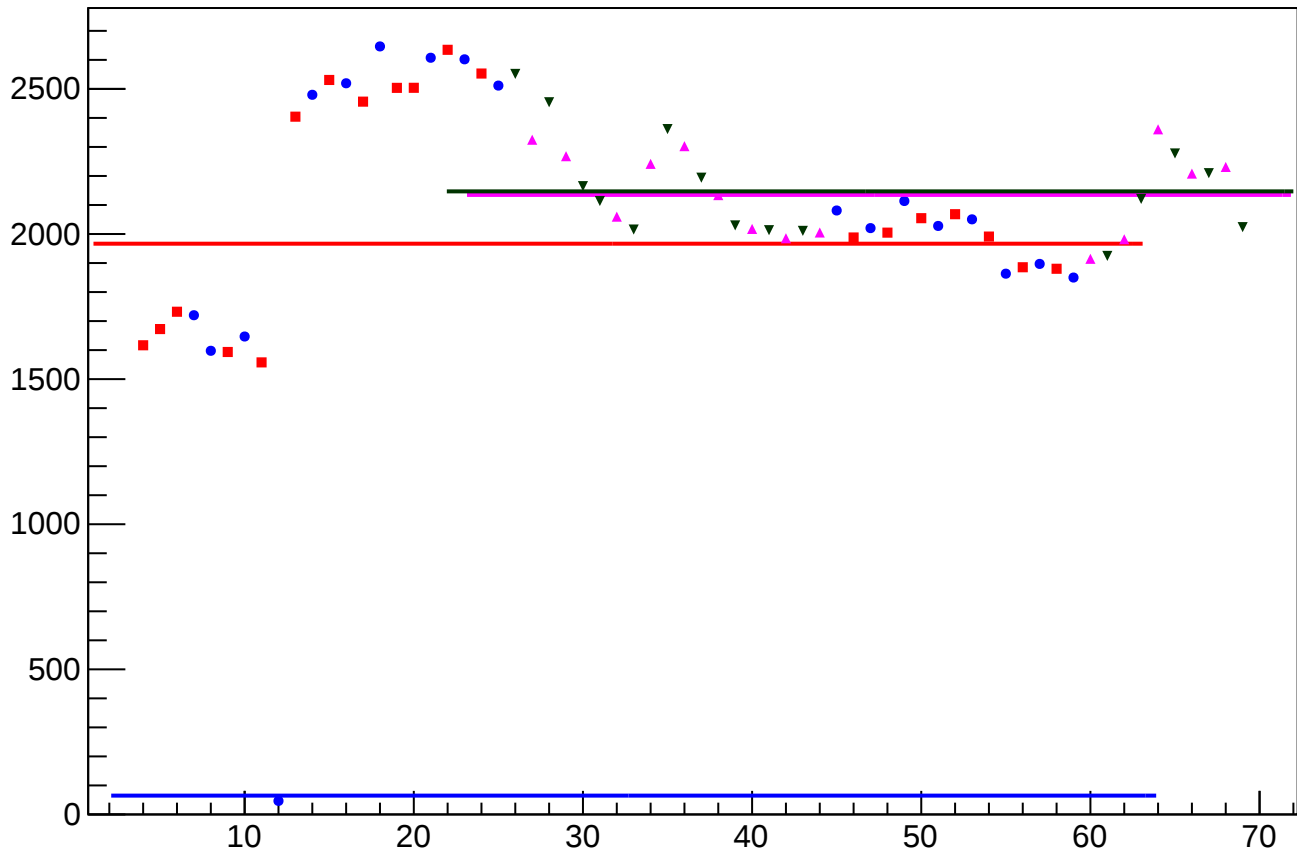
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: 0.119 ± 0.746 χ^2/NDF : 13.1/13

-0.077 ± 0.060 χ^2/NDF : 30.0/32

-0.109 ± 0.482 χ^2/NDF : 28.5/32

diff_bpm4acX_rms vs slug



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

Left Out: 2146.916+/-0.544 χ^2/NDF : 94586.5/14

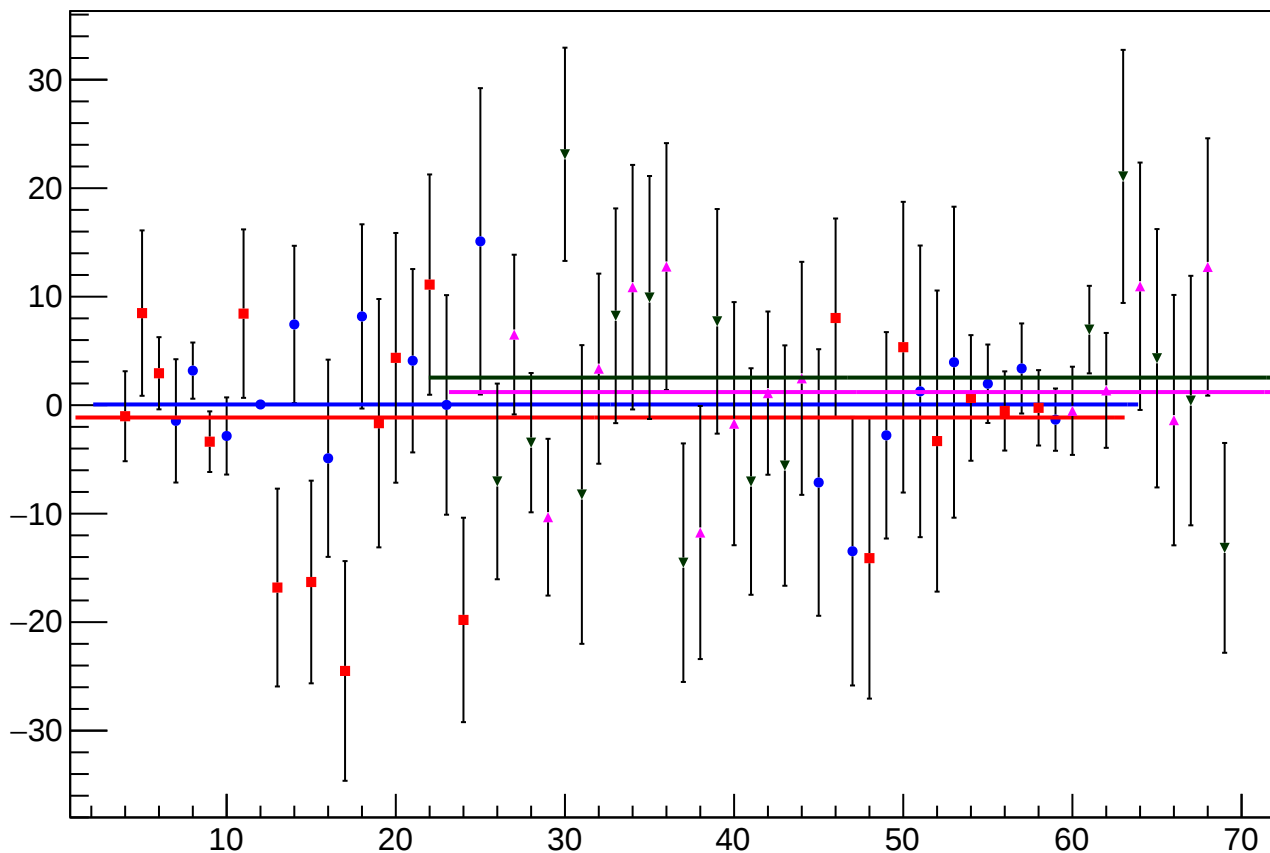
Right Out: 1966.634+/-0.446 χ^2/NDF : 610680.3/18

Left In: 2134.691+/-0.527 χ^2/NDF : 73662.4/13

77.530+/-0.042 χ^2/NDF : 34925080.1/32

2036.794+/-0.341 χ^2/NDF : 743528.9/32

diff_bpm4acY_mean vs slug



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

Left Out: 2.543 ± 2.239 $\chi^2/\text{NDF}: 18.2/14$

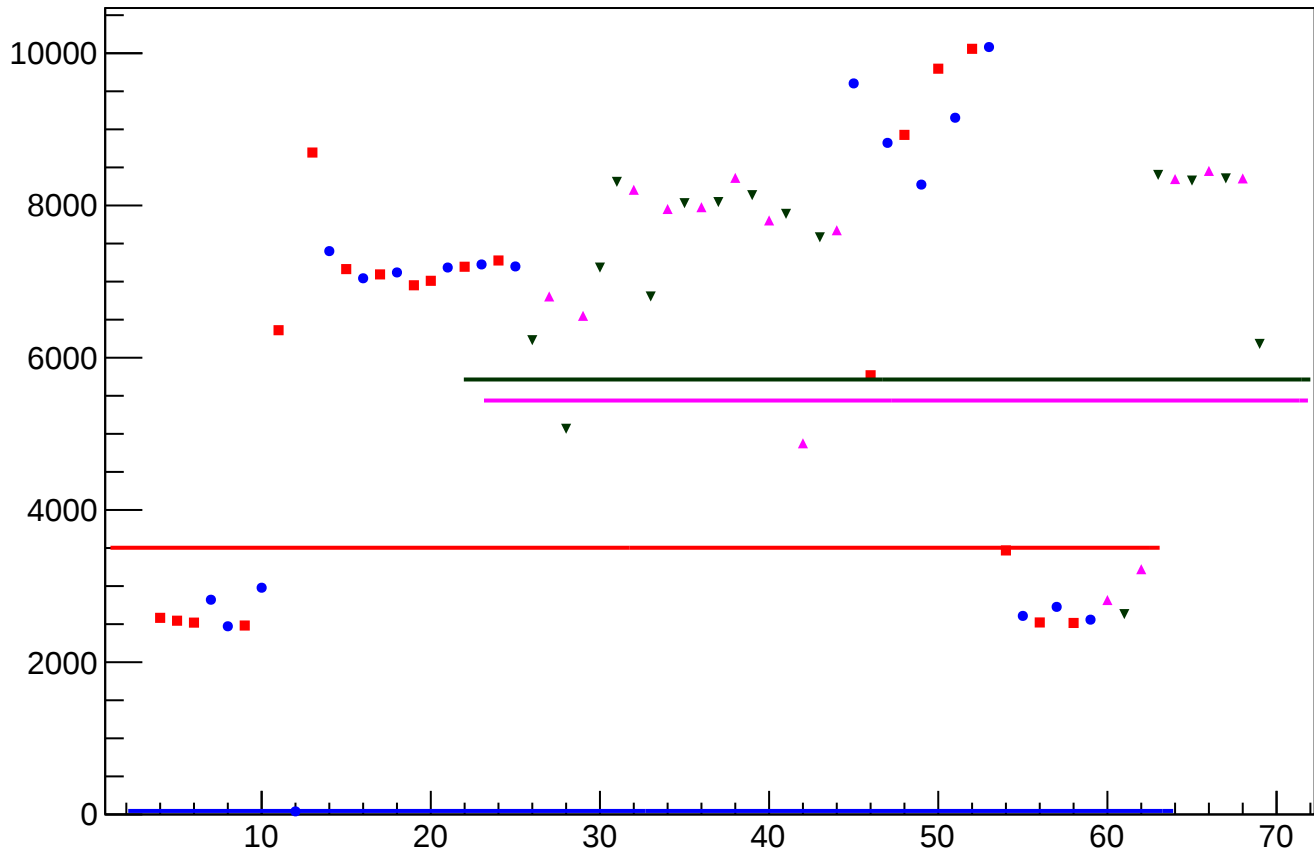
Right Out: -1.137 ± 1.295 $\chi^2/\text{NDF}: 24.2/18$

Left In: 1.208 ± 2.102 $\chi^2/\text{NDF}: 8.1/13$

0.067 ± 0.052 $\chi^2/\text{NDF}: 28.1/32$

-0.492 ± 1.103 $\chi^2/\text{NDF}: 33.2/32$

diff_bpm4acY_rms vs slug



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

Left Out: 5713.972+/-1.584 χ^2/NDF : 2075731.6/14

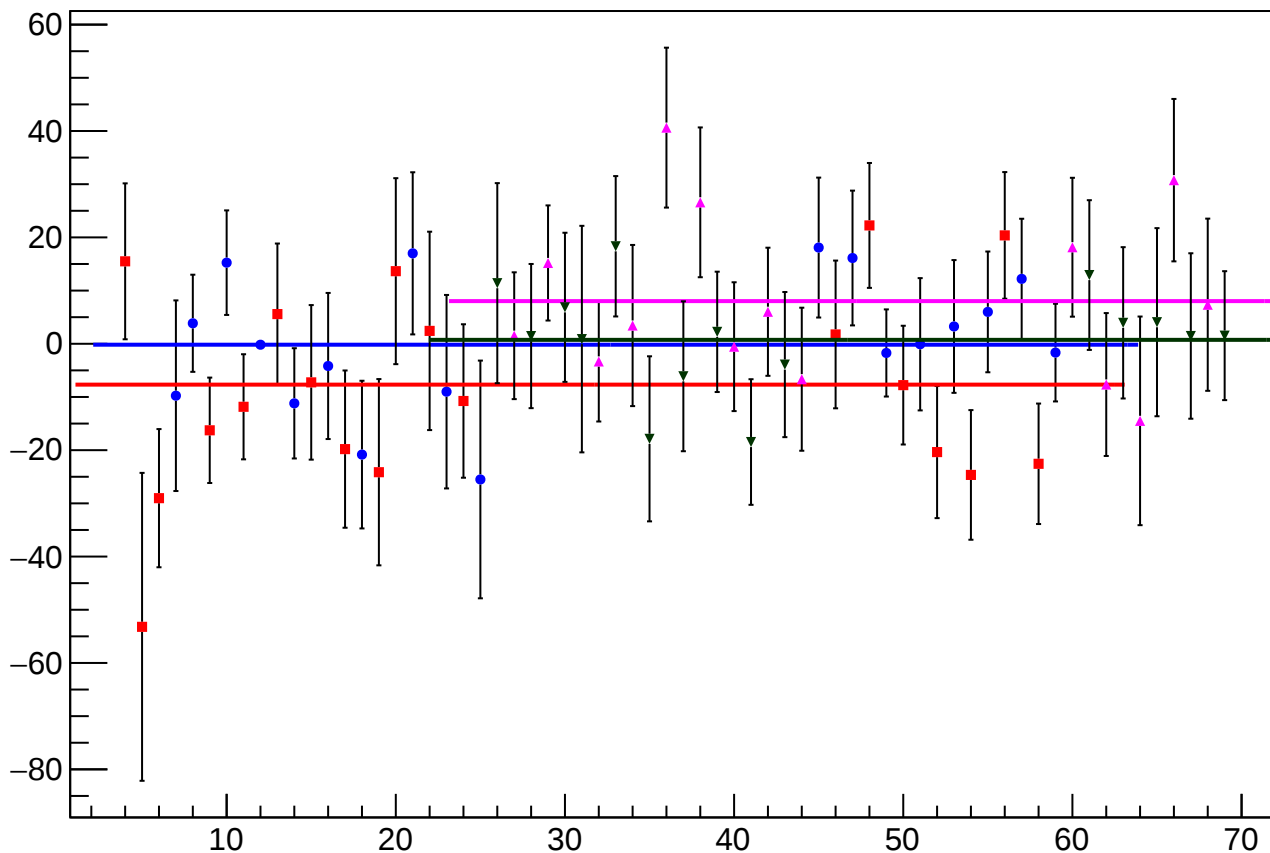
Right Out: 3503.720+/-0.916 χ^2/NDF : 4669685.2/18

Left In: 5437.787+/-1.486 χ^2/NDF : 2398081.0/13

49.320+/-0.037 χ^2/NDF : 35055908.3/32

4036.095+/-0.780 χ^2/NDF : 8295284.1/32

diff_bpm4ecX_mean vs slug



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

Left Out: 0.739 ± 3.651 χ^2/NDF : 7.6/14

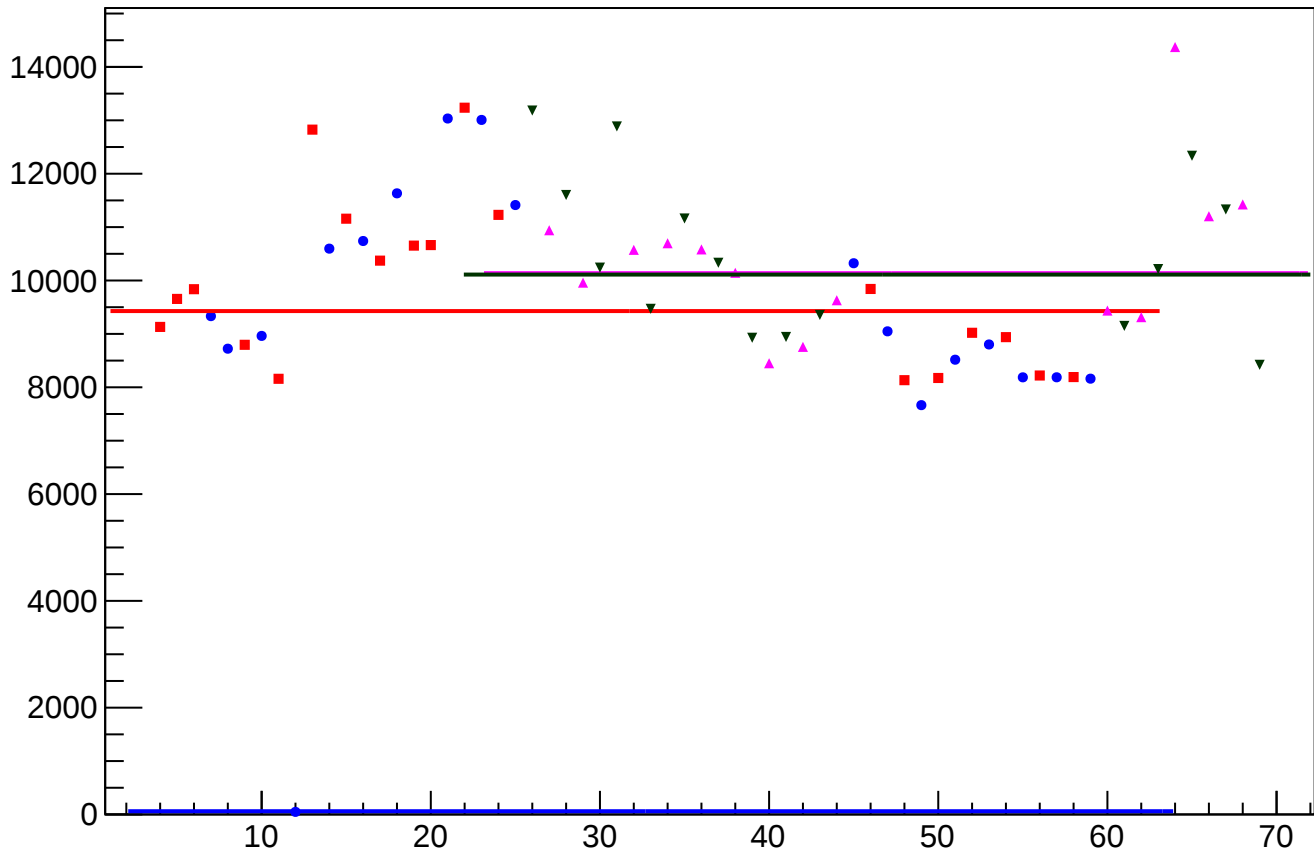
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 8.020 ± 3.566 χ^2/NDF : 15.5/13

-0.173 ± 0.106 χ^2/NDF : 22.0/32

-1.134 ± 2.303 χ^2/NDF : 57.0/32

diff_bpm4ecX_rms vs slug



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

Left Out: 10111.102+/-2.582 χ^2 /NDF: 265976.8/14

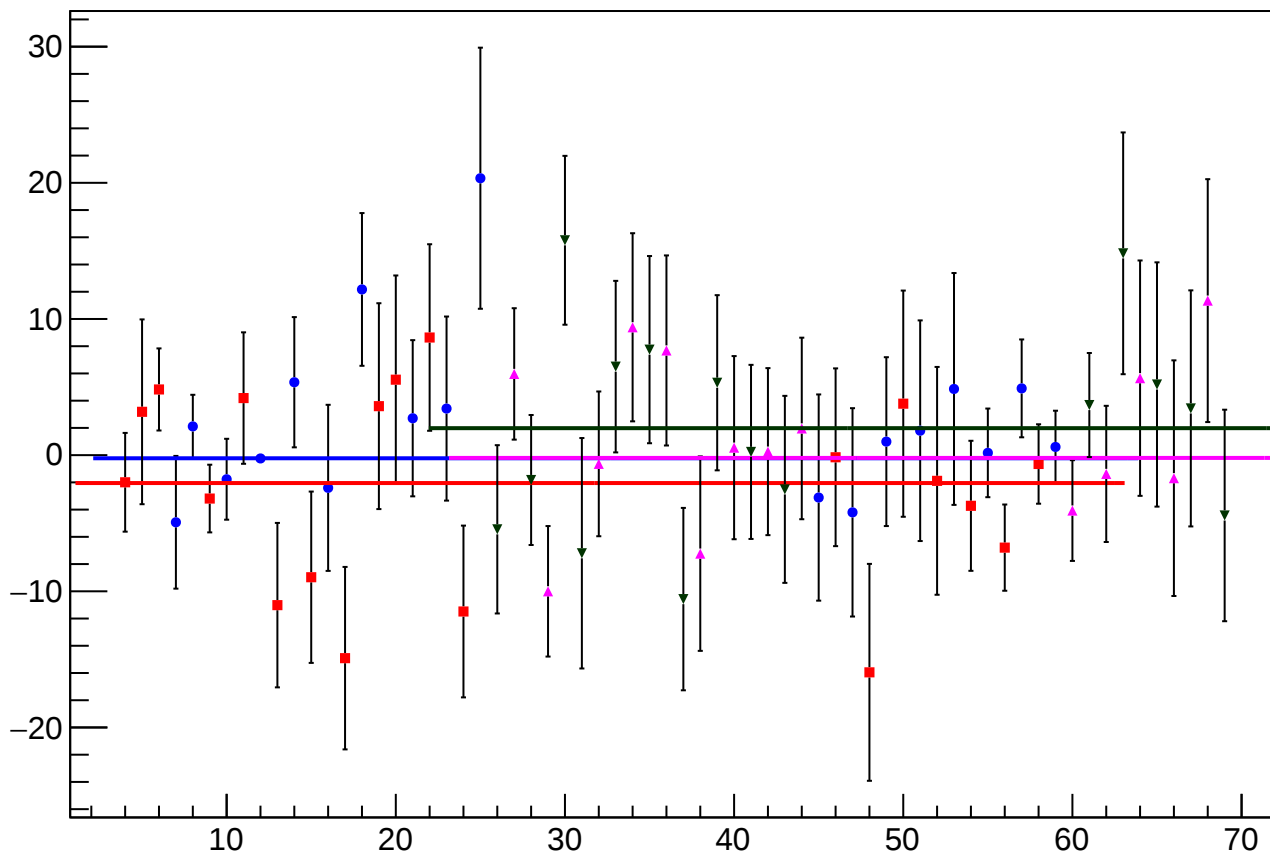
Right Out: 9427.549+/-2.132 χ^2 /NDF: 447350.4/18

Left In: 10137.706+/-2.522 χ^2 /NDF: 214033.9/13

69.277+/-0.075 χ^2 /NDF: 36526893.6/32

9723.603+/-1.628 χ^2 /NDF: 707627.2/32

diff_bpm4ecY_mean vs slug



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

Left Out: 1.981 ± 1.640 χ^2/NDF : 16.8/14

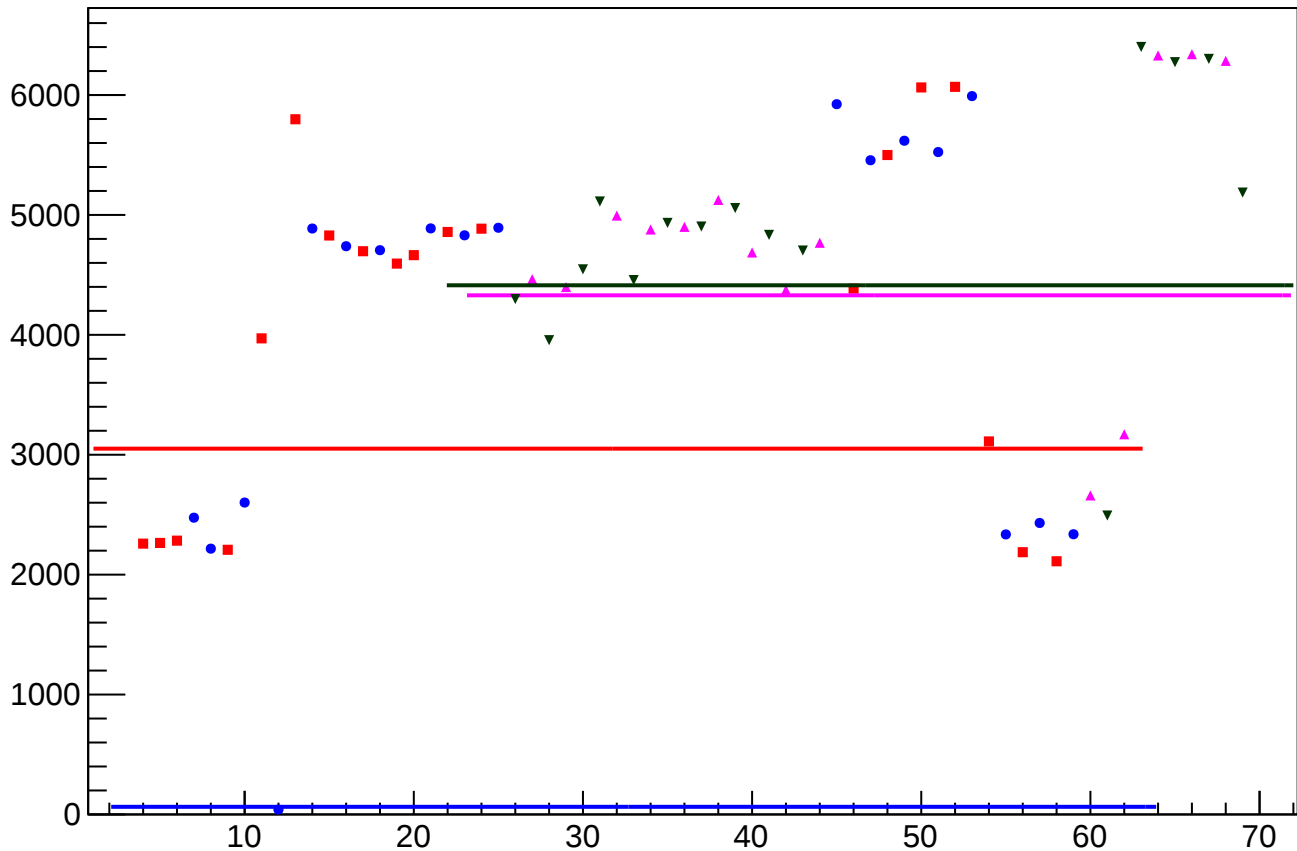
Right Out: -2.049 ± 1.055 χ^2/NDF : 27.2/18

Left In: -0.204 ± 1.568 χ^2/NDF : 13.4/13

-0.223 ± 0.090 χ^2/NDF : 35.5/32

-1.474 ± 0.876 χ^2/NDF : 41.6/32

diff_bpm4ecY_rms vs slug



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

Left Out: 4413.204+/-1.159 χ^2/NDF :894208.3/14

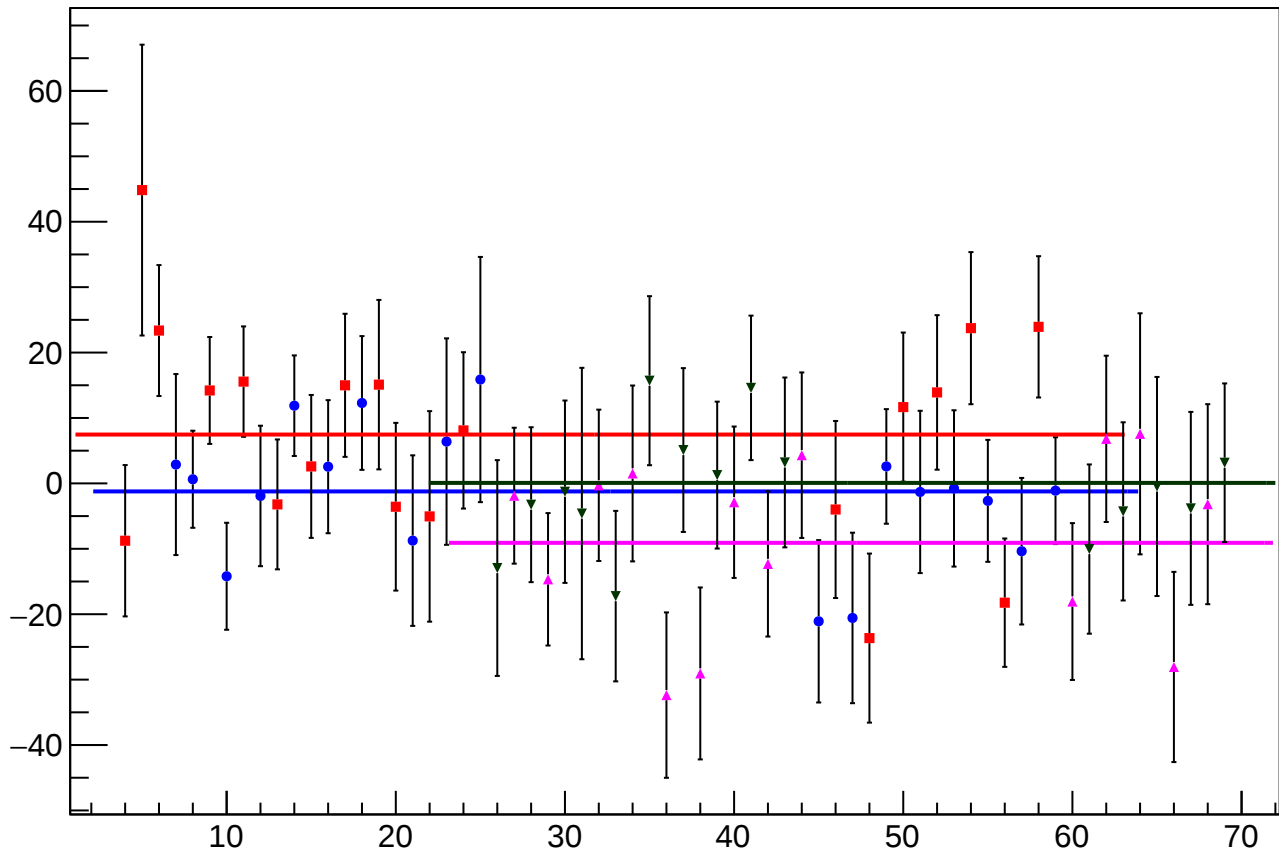
76.721+/-0.063 χ^2/NDF : 35195483.7/32

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

3449.437+/-0.619 χ^2/NDF : 4721583.5/32

Left In: 4329.563+/-1.109 χ^2/NDF :924391.5/13

diff_bpm1X_mean vs slug



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

Left Out: 0.075 ± 3.438 $\chi^2/\text{NDF}: 6.8/14$

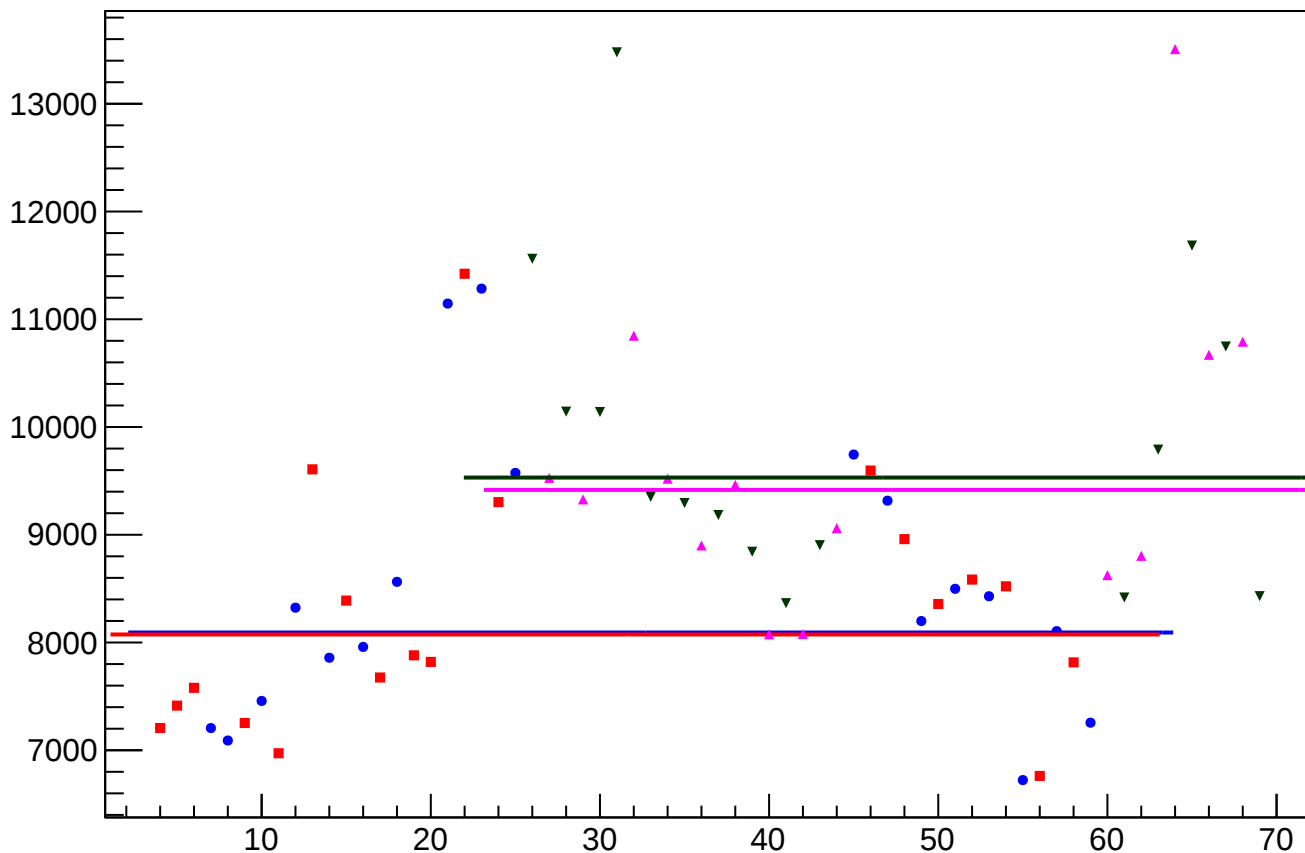
Right Out: 7.465 ± 2.574 $\chi^2/\text{NDF}: 30.5/18$

Left In: -9.088 ± 3.315 $\chi^2/\text{NDF}: 14.0/13$

-0.794 ± 1.985 $\chi^2/\text{NDF}: 21.4/32$

1.239 ± 2.033 $\chi^2/\text{NDF}: 60.1/32$

diff_bpm1X_rms vs slug



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

Left Out: 9530.989 $\pm$ 2.431 χ^2 /NDF:217979.1/14

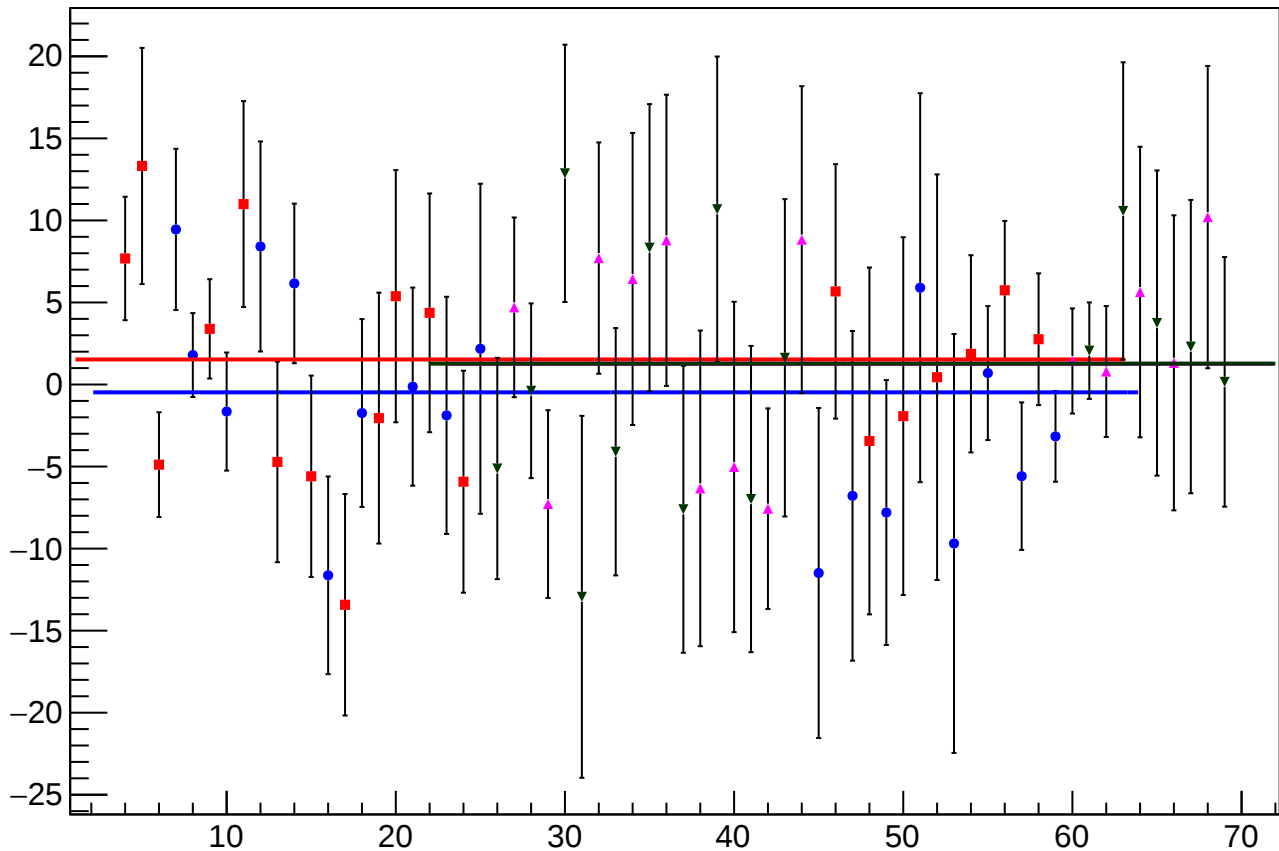
8572.120 $\pm$ 1.403 χ^2 /NDF: 840700.6/32

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

8579.287 $\pm$ 1.438 χ^2 /NDF: 751967.0/32

Left In: 9416.395 $\pm$ 2.344 χ^2 /NDF:234892.6/13

diff_bpm1Y_mean vs slug



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

Left Out: 1.271 ± 1.745 $\chi^2/\text{NDF}: 10.1/14$

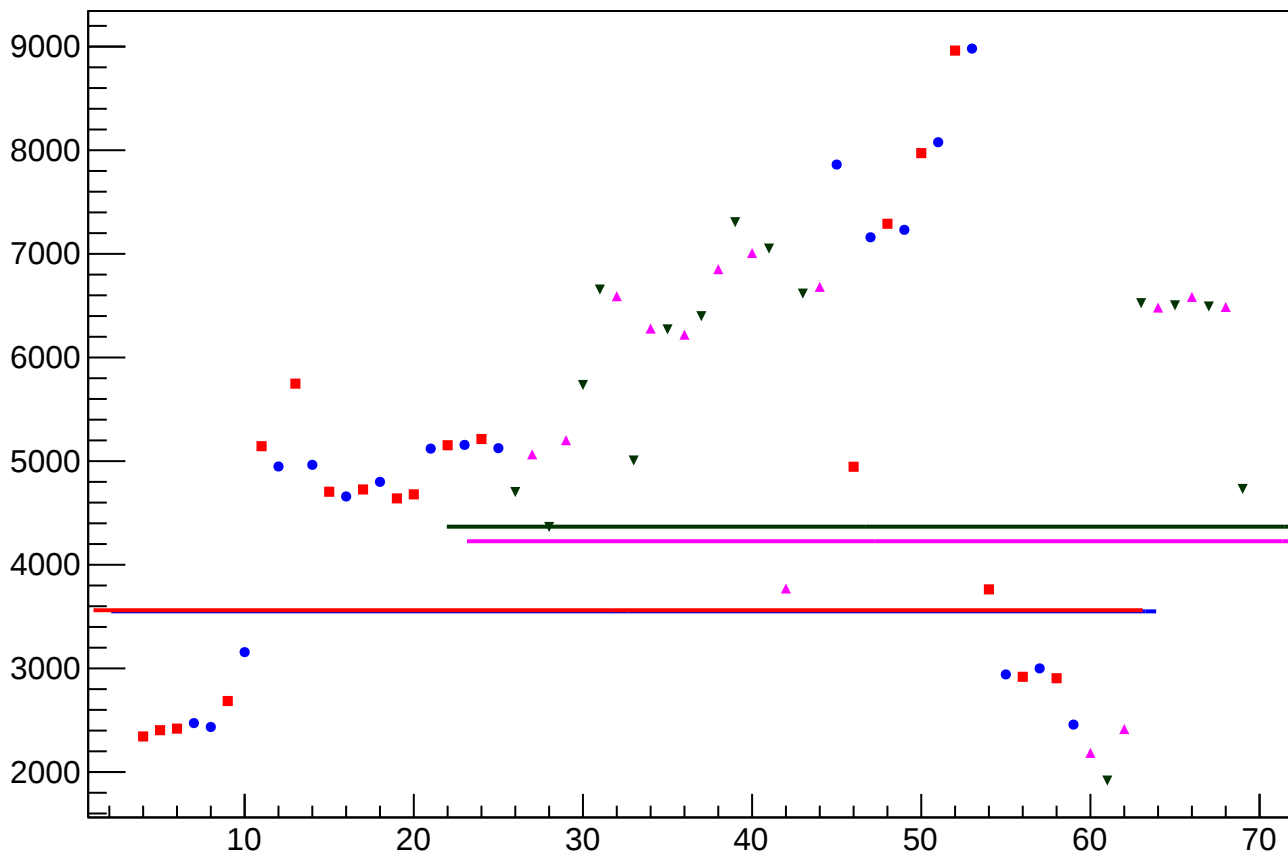
Right Out: 1.525 ± 1.232 $\chi^2/\text{NDF}: 22.9/18$

Left In: 1.261 ± 1.654 $\chi^2/\text{NDF}: 9.5/13$

0.060 ± 0.967 $\chi^2/\text{NDF}: 28.7/32$

1.431 ± 0.988 $\chi^2/\text{NDF}: 32.4/32$

diff_bpm1Y_rms vs slug



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

Left Out: 4367.667+/-1.234 χ^2/NDF : 2567179.8/14

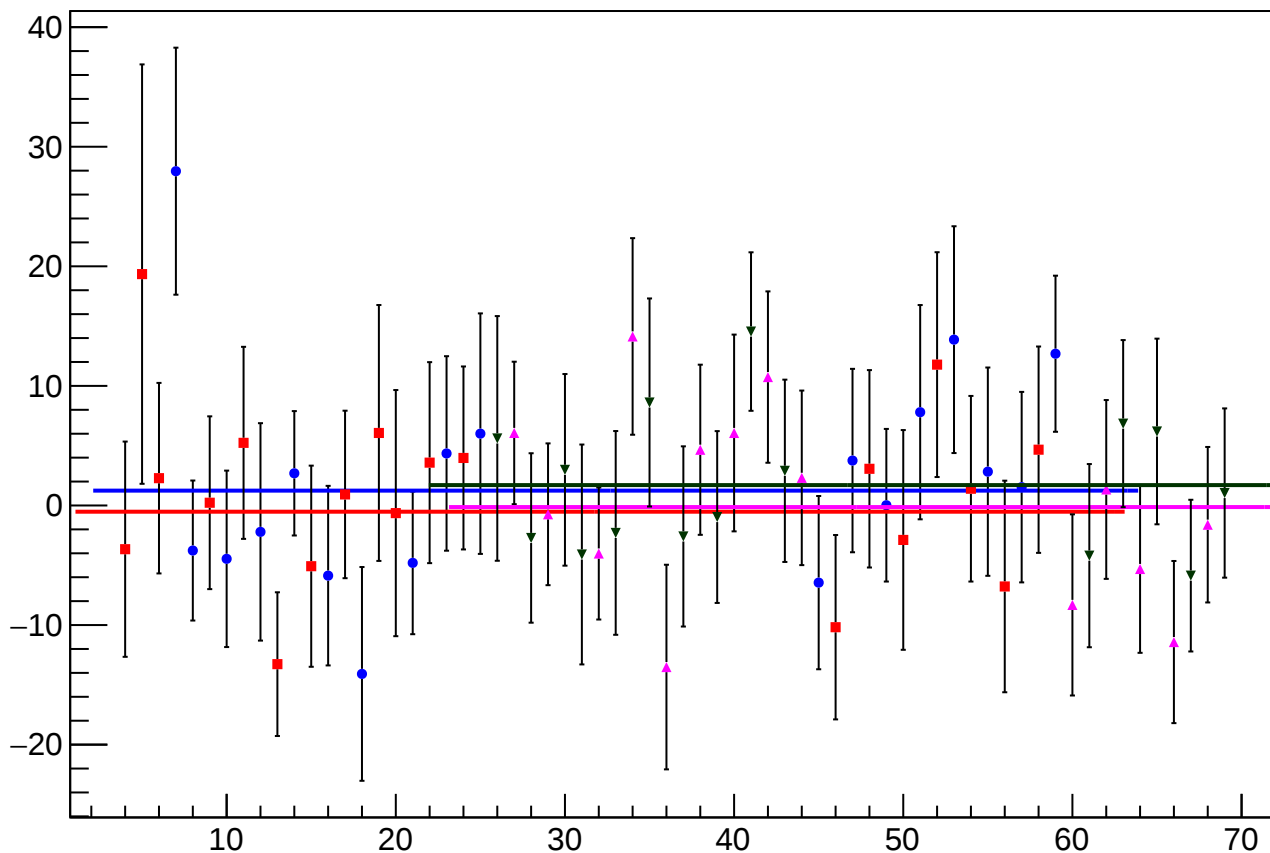
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 4227.154+/-1.170 χ^2/NDF : 2601139.4/13

3801.302+/-0.684 χ^2/NDF : 6165266.6/32

3798.742+/-0.699 χ^2/NDF : 5427838.6/32

diff_bpm11X_mean vs slug



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

Left Out: 1.703 ± 1.962 χ^2/NDF : 9.0/14

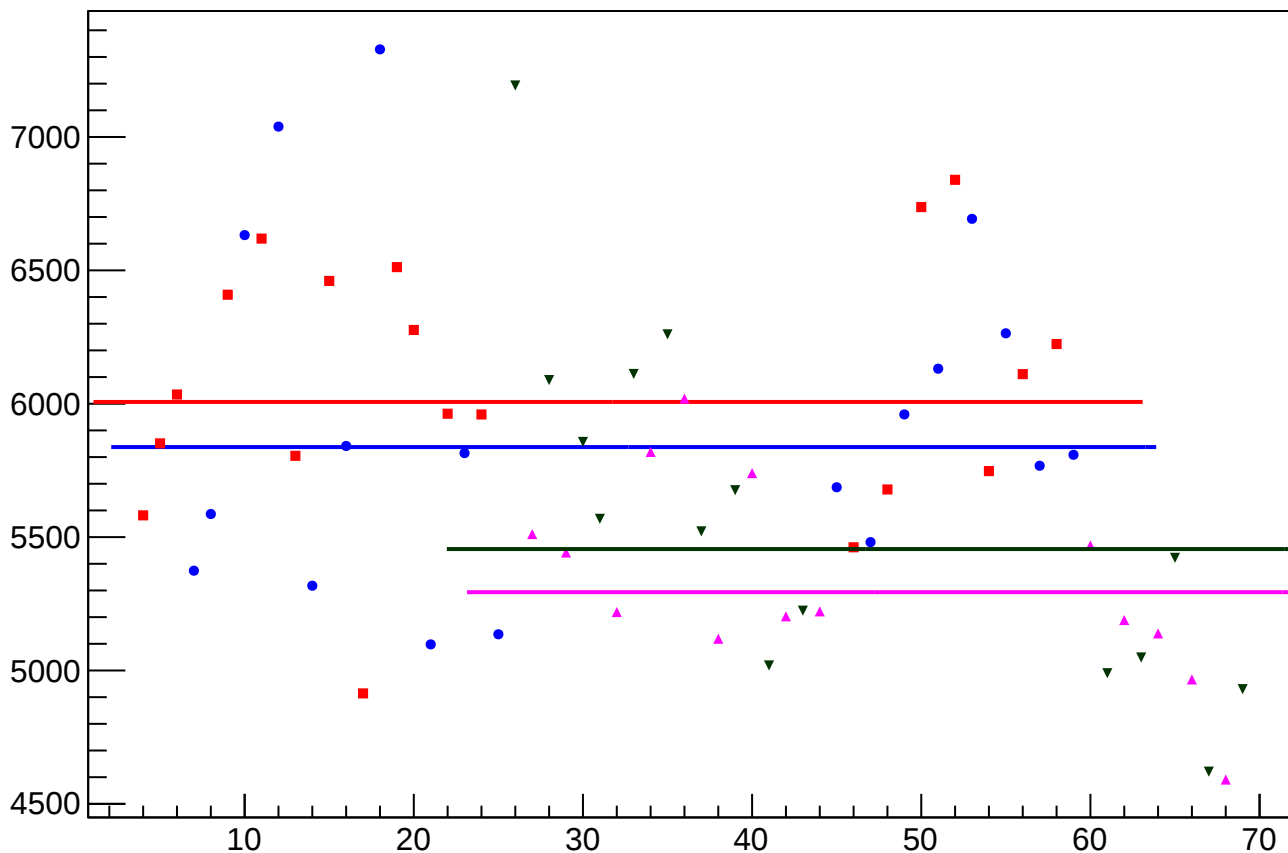
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: -0.133 ± 1.851 χ^2/NDF : 15.1/13

1.447 ± 1.307 χ^2/NDF : 29.1/32

-0.321 ± 1.328 χ^2/NDF : 27.4/32

diff_bpm11X_rms vs slug



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

Left Out: 5455.240+/-1.387 χ^2/NDF :180372.6/14

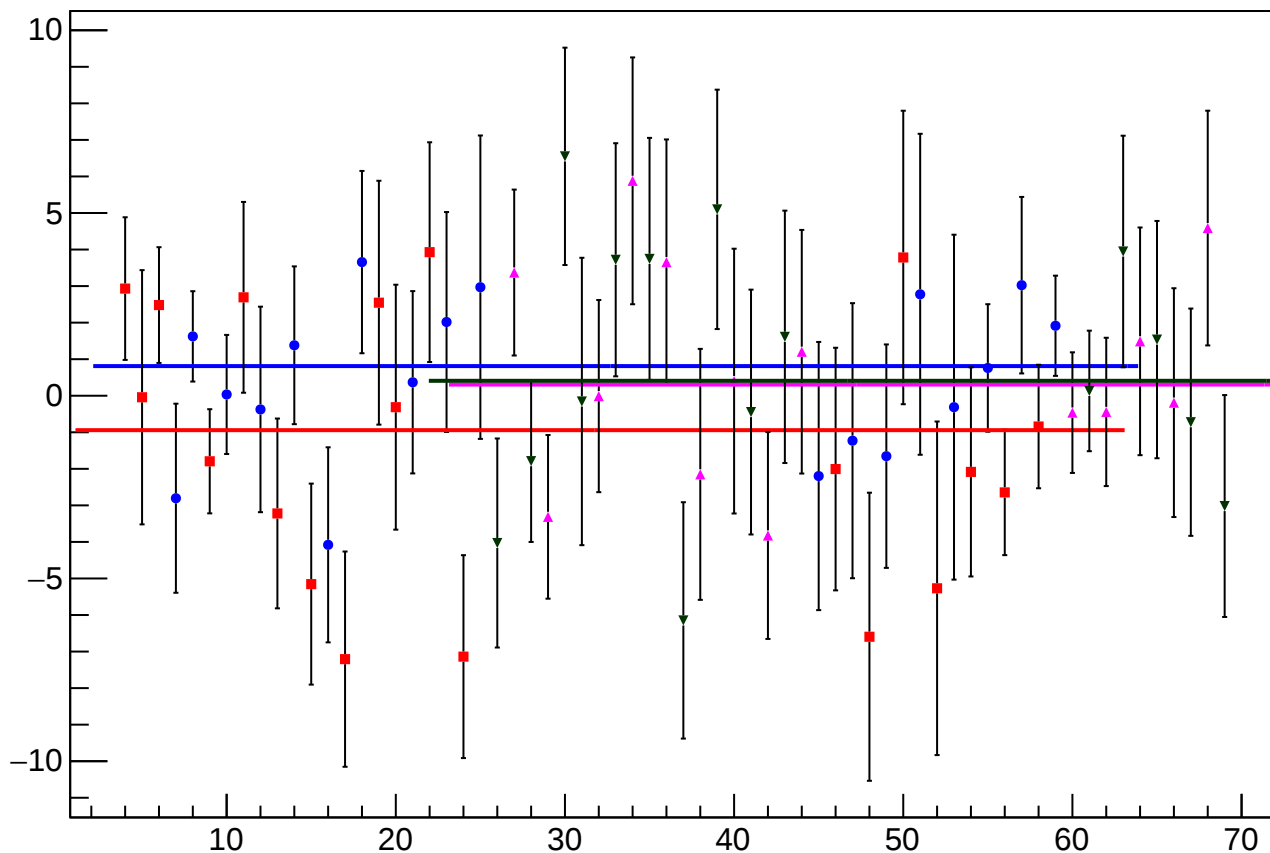
Right Out: 6006.736+/-1.348 χ^2/NDF : 130455.1/18

Left In: 5293.457+/-1.309 χ^2/NDF :64907.1/13

5668.017+/-0.924 χ^2/NDF : 433951.3/32

5639.633+/-0.939 χ^2/NDF : 339441.5/32

diff_bpm11Y_mean vs slug



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

Left Out: 0.408 ± 0.739 χ^2/NDF : 18.9/14

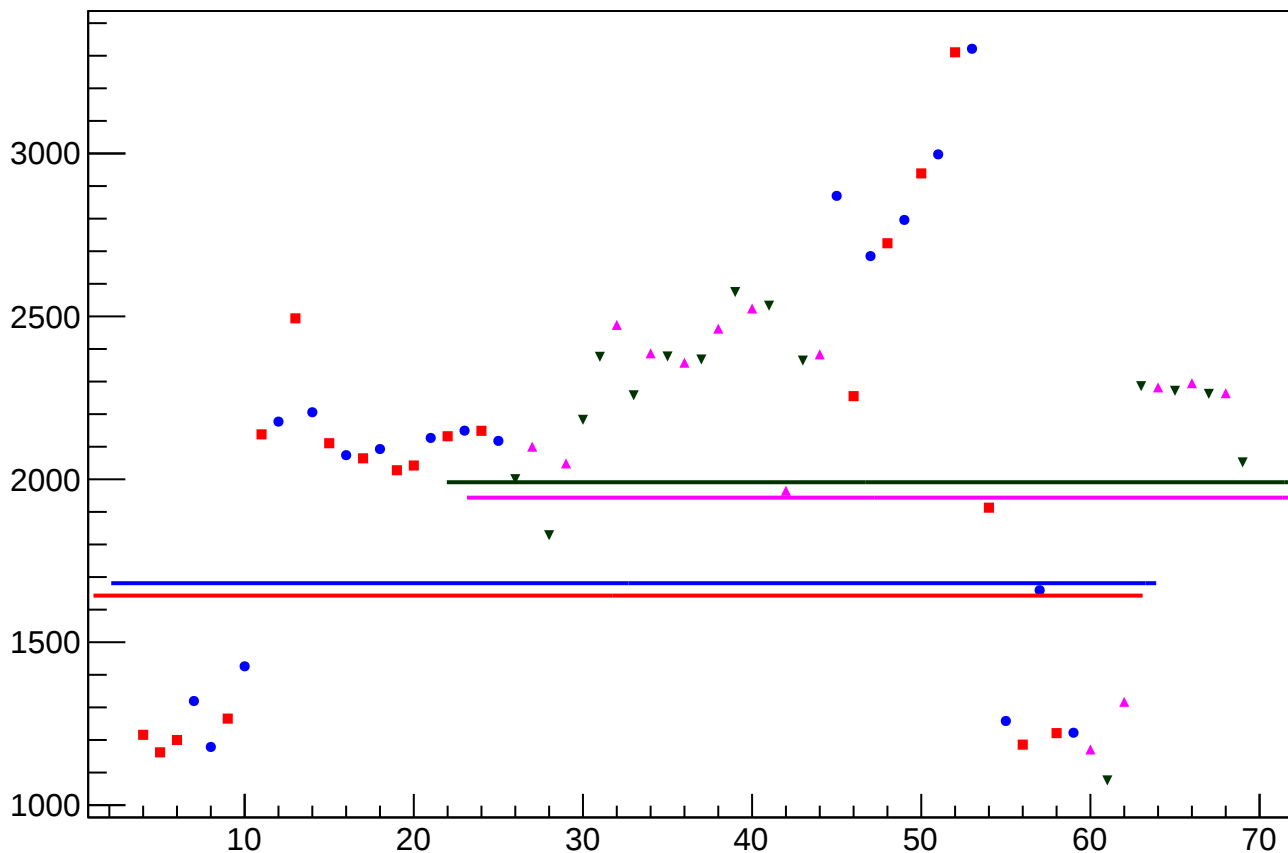
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.306 ± 0.707 χ^2/NDF : 13.2/13

0.674 ± 0.432 χ^2/NDF : 30.5/32

-0.469 ± 0.435 χ^2/NDF : 48.1/32

diff_bpm11Y_rms vs slug



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

Left Out: 1991.026+/-0.523 χ^2/NDF : 910116.4/14

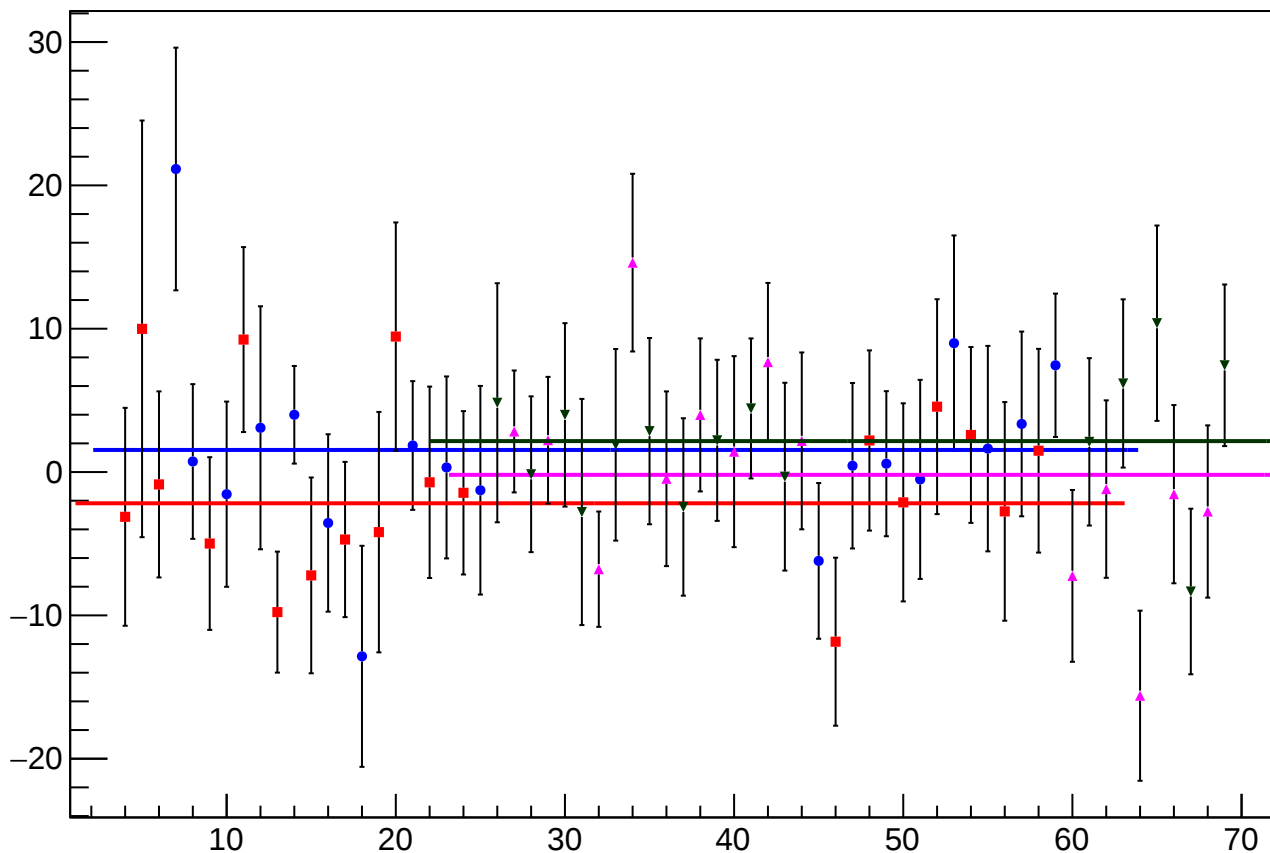
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1943.720+/-0.500 χ^2/NDF : 990273.5/13

1786.907+/-0.305 χ^2/NDF : 3354529.5/32

1757.150+/-0.308 χ^2/NDF : 3184276.7/32

diff_bpm12X_mean vs slug



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

Left Out: 2.158 ± 1.583 χ^2/NDF : 7.8/14

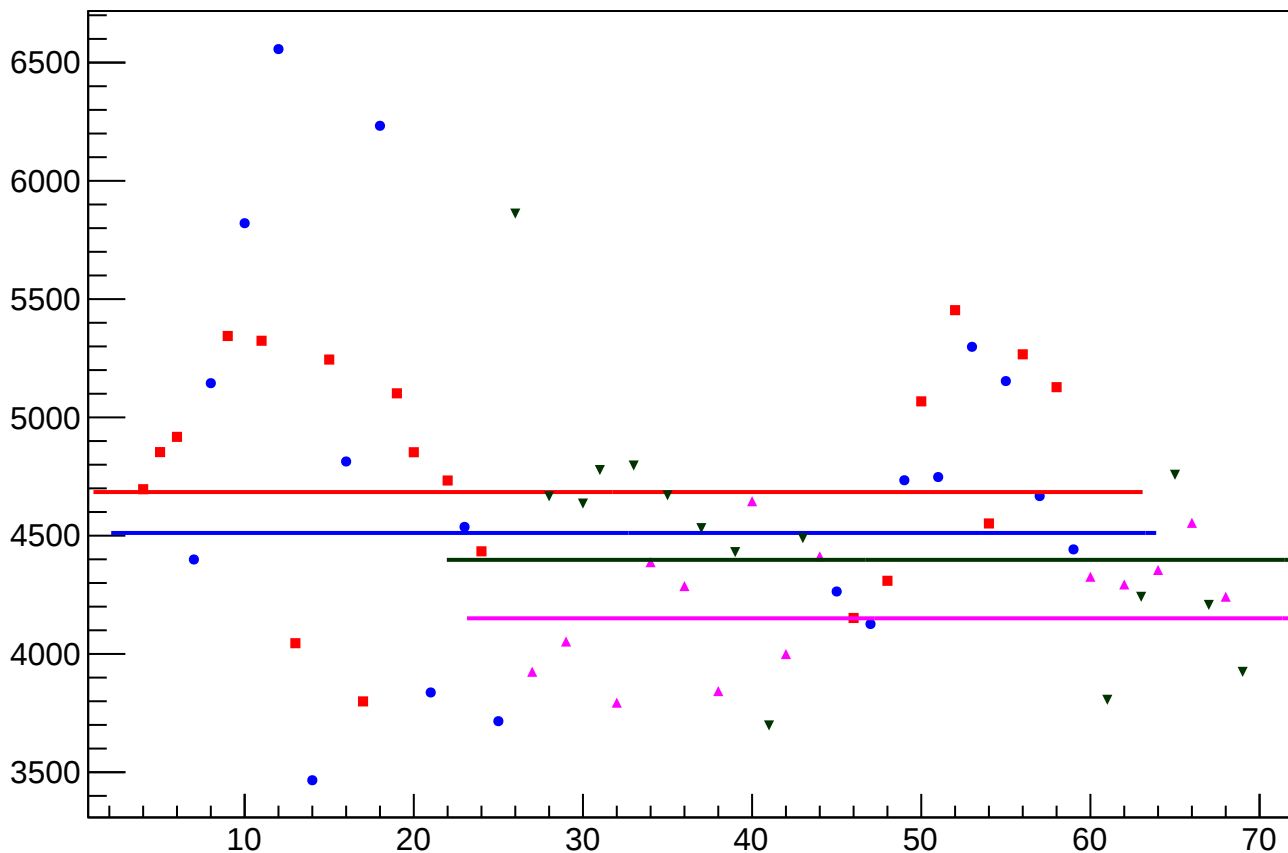
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: -0.196 ± 1.453 χ^2/NDF : 20.4/13

1.805 ± 1.036 χ^2/NDF : 23.0/32

-1.161 ± 1.041 χ^2/NDF : 36.6/32

diff_bpm12X_rms vs slug



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

Left Out: 4397.776+/-1.119 χ^2/NDF : 170813.6/14

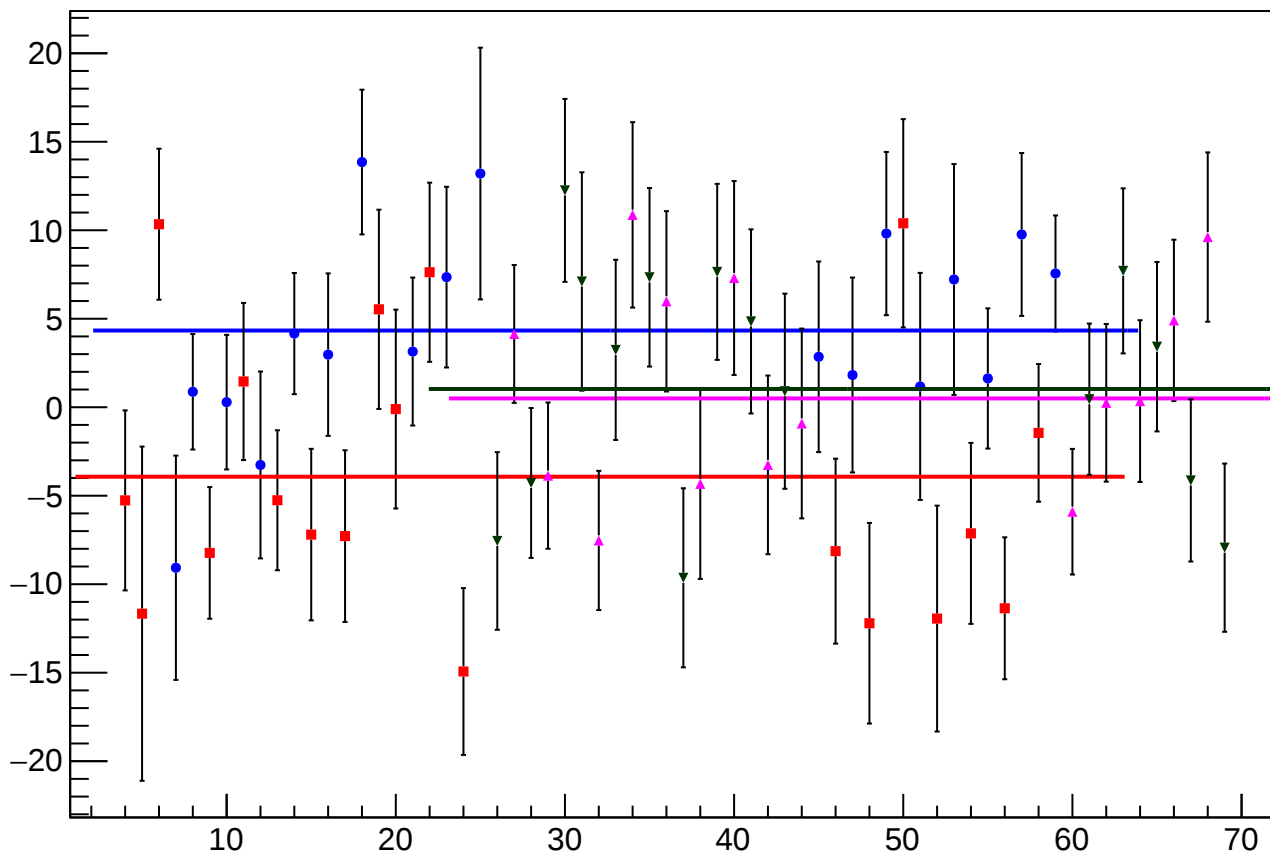
Right Out: 4684.391+/-1.055 χ^2/NDF : 240230.9/18

Left In: 4150.657+/-1.027 χ^2/NDF : 63110.2/13

4462.825+/-0.732 χ^2/NDF : 823717.3/32

4410.374+/-0.736 χ^2/NDF : 434661.2/32

diff_bpm12Y_mean vs slug



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

Left Out: 1.031 ± 1.267 χ^2/NDF : 25.8/14

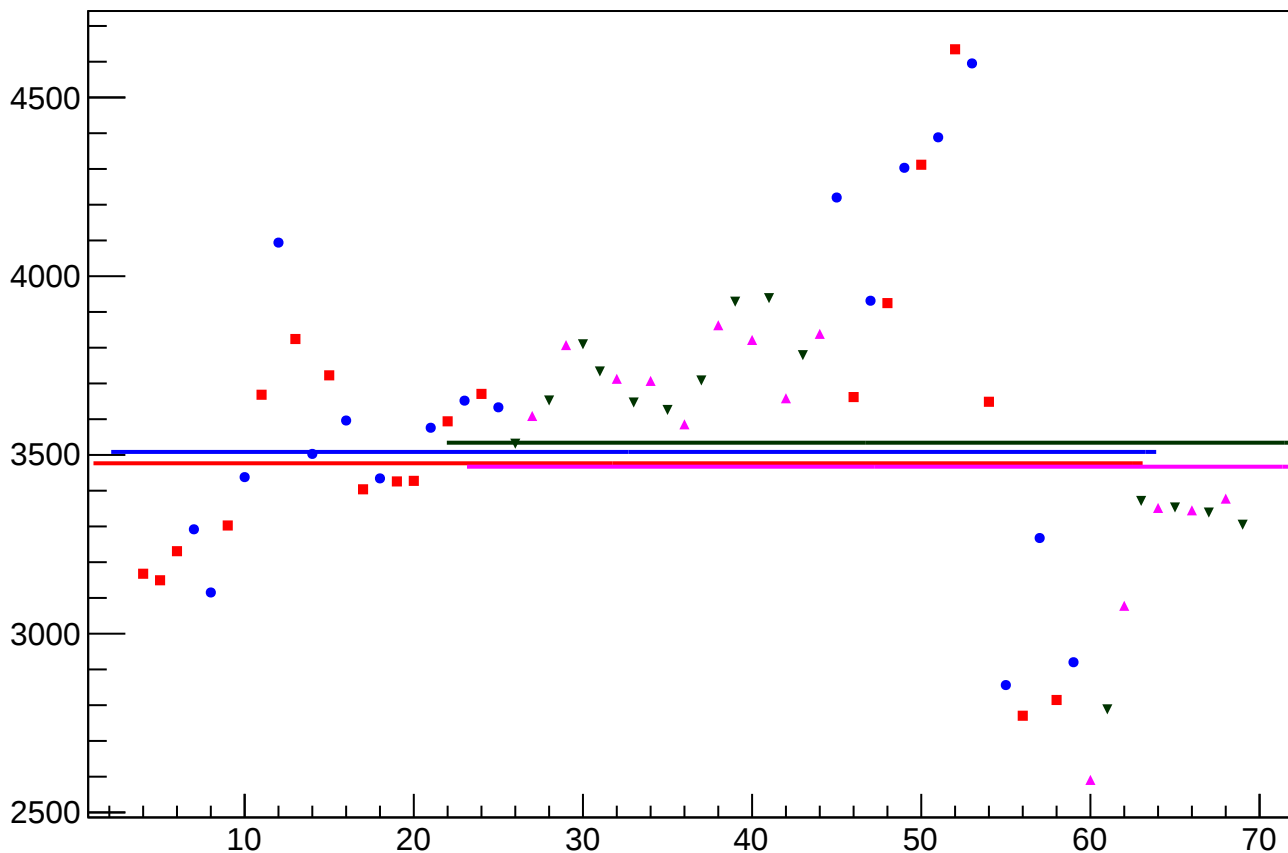
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: 0.498 ± 1.217 χ^2/NDF : 22.0/13

2.982 ± 0.811 χ^2/NDF : 51.1/32

-1.917 ± 0.820 χ^2/NDF : 73.5/32

diff_bpm12Y_rms vs slug



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

Left Out: 3534.251 $\pm$ 0.896 χ^2 /NDF:116436.6/14

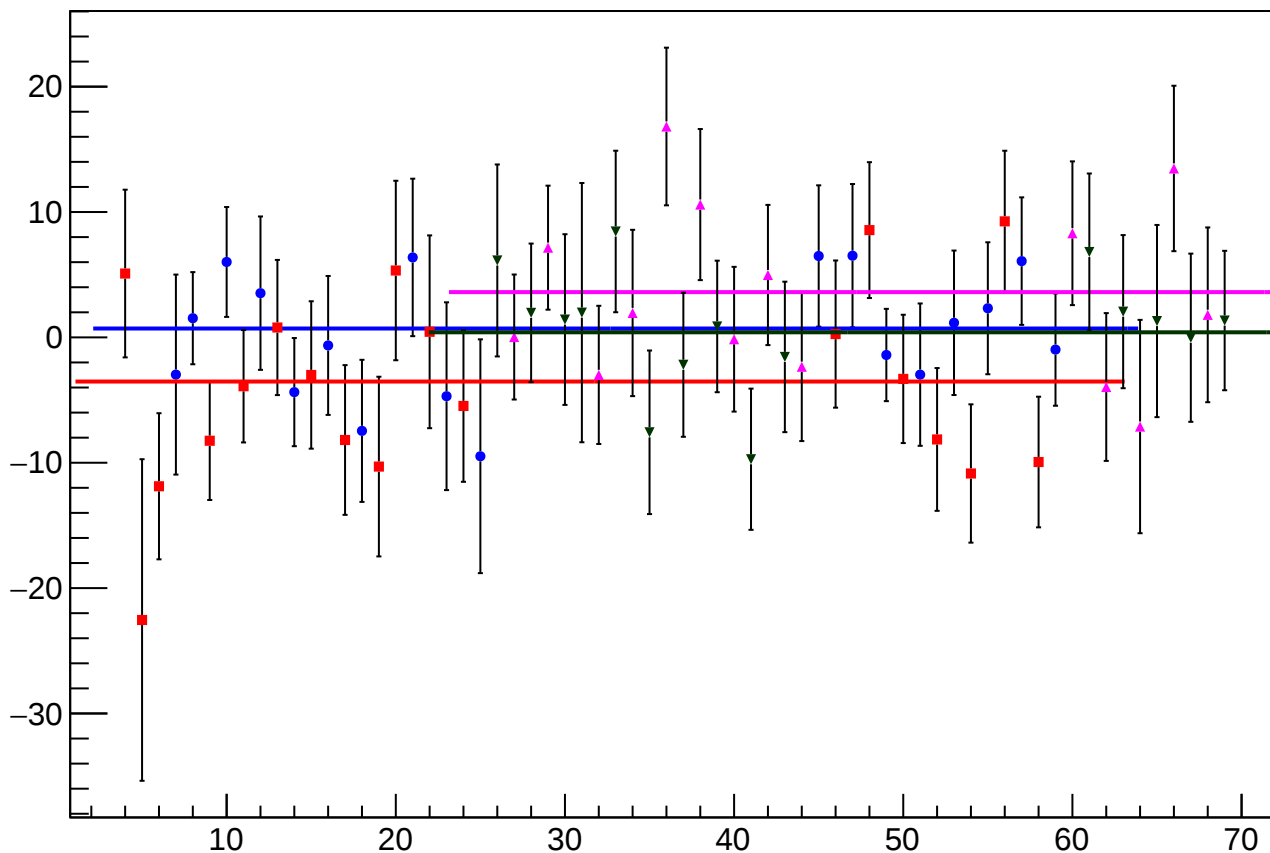
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3467.112 $\pm$ 0.860 χ^2 /NDF:201591.7/13

3519.013 $\pm$ 0.573 χ^2 /NDF: 501062.0/32

3472.324 $\pm$ 0.580 χ^2 /NDF: 495409.7/32

diff_bpm16X_mean vs slug



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

Left Out: 0.405 ± 1.626 χ^2/NDF : 8.5/14

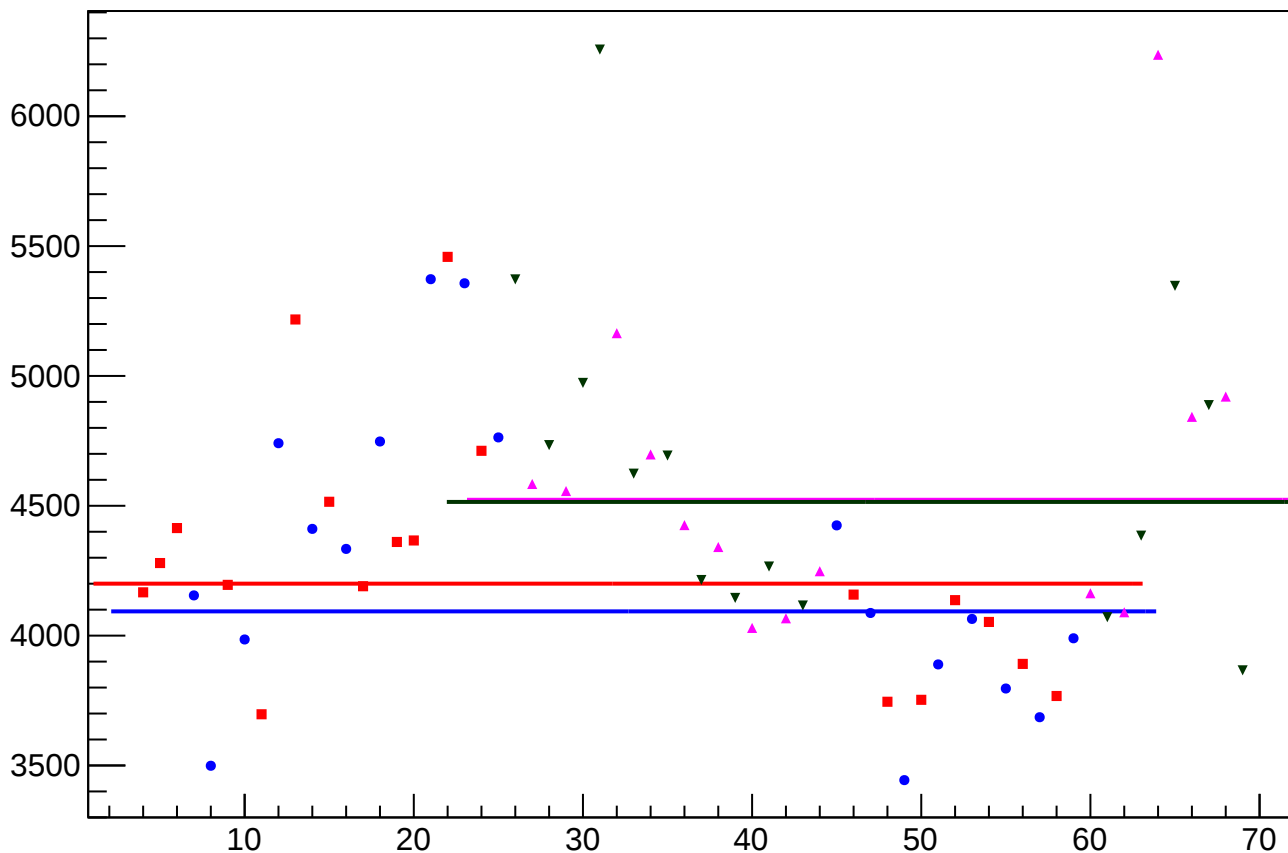
Right Out: -3.522 ± 1.336 χ^2/NDF : 25.4/18

Left In: 3.611 ± 1.588 χ^2/NDF : 16.0/13

0.598 ± 0.980 χ^2/NDF : 20.7/32

-0.566 ± 1.022 χ^2/NDF : 53.2/32

diff_bpm16X_rms vs slug



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

Left Out: 4514.851 $\pm$ 1.150 χ^2 /NDF:192123.2/14

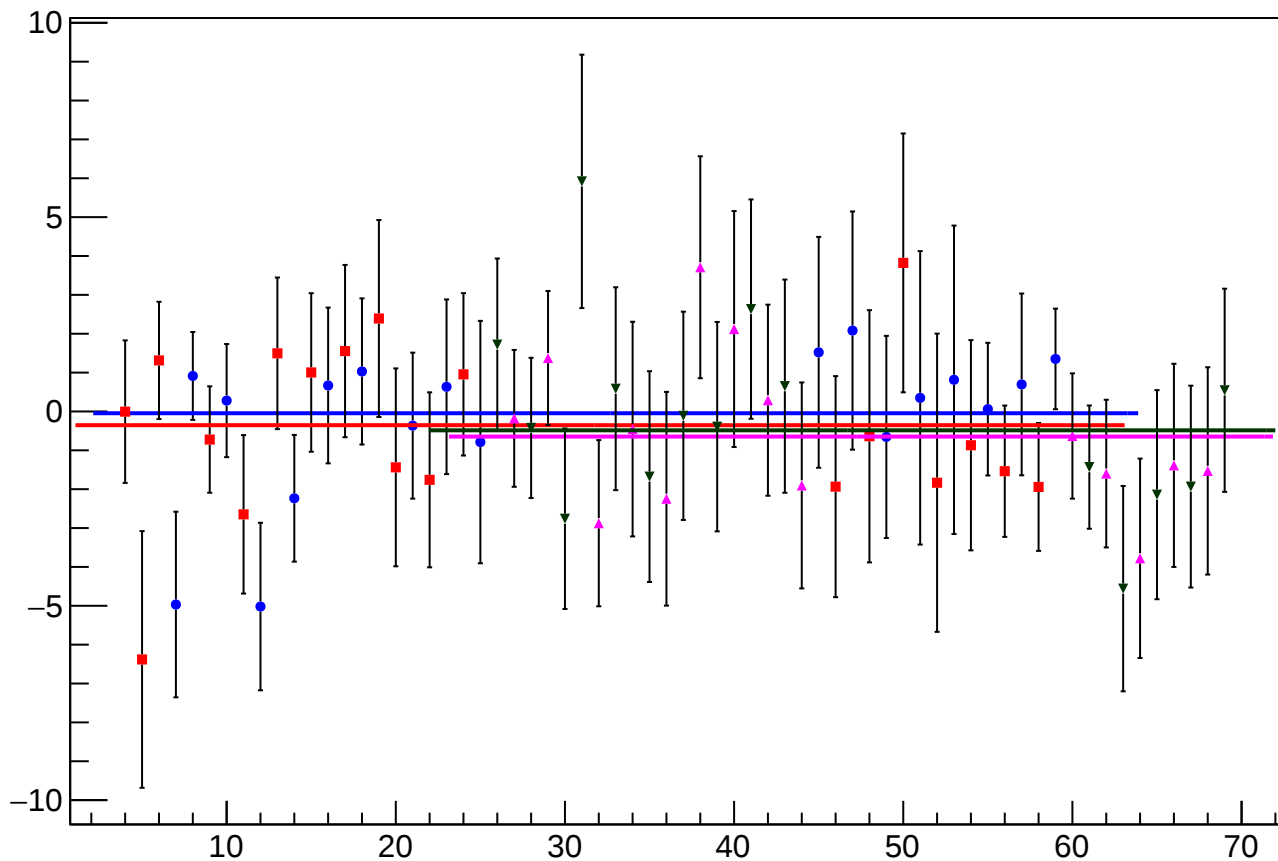
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4523.087 $\pm$ 1.123 χ^2 /NDF:174381.8/13

4246.562 $\pm$ 0.693 χ^2 /NDF: 637331.6/32

4333.970 $\pm$ 0.723 χ^2 /NDF: 448680.1/32

diff_bpm16Y_mean vs slug



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

Left Out: -0.486 ± 0.622 χ^2/NDF : 11.2/14

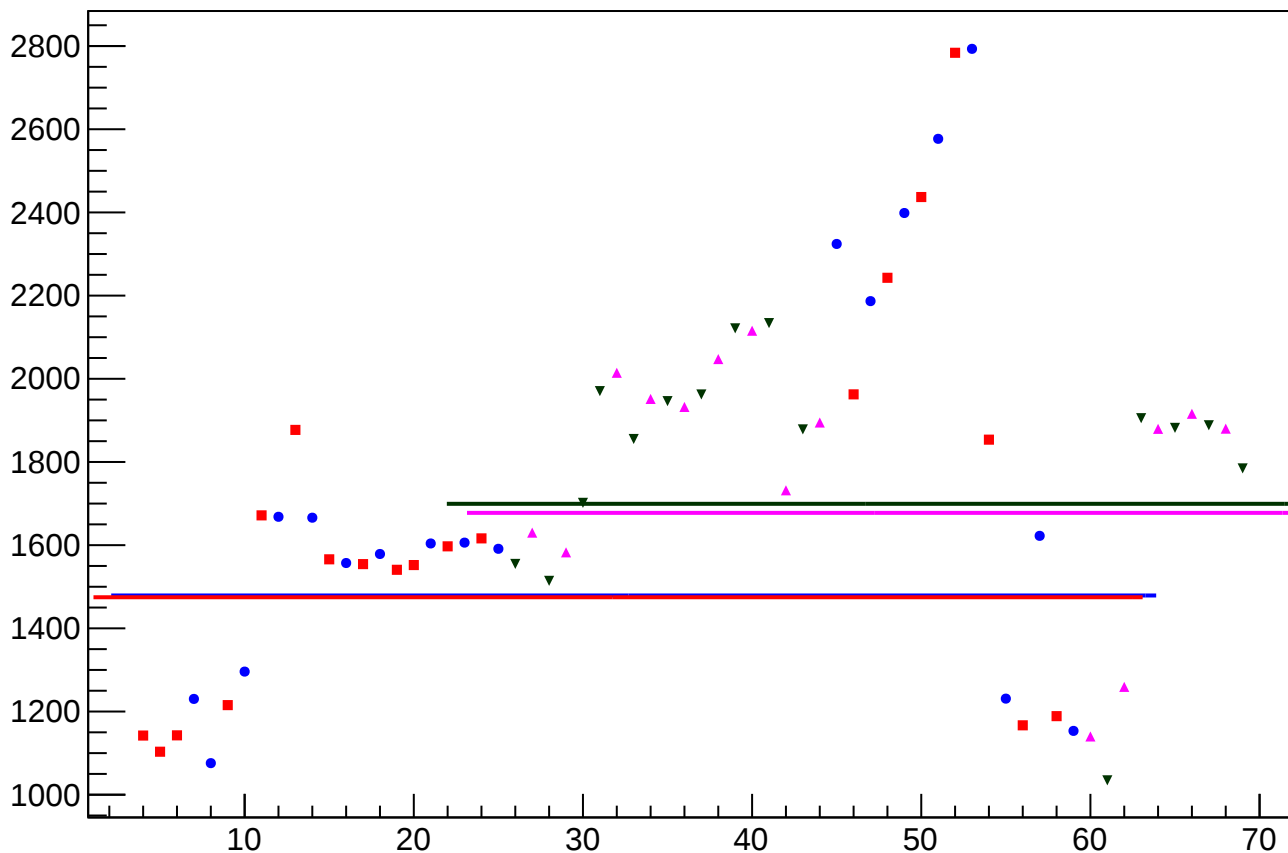
Right Out: -0.354 ± 0.483 χ^2/NDF : 13.6/18

Left In: -0.646 ± 0.600 χ^2/NDF : 8.3/13

-0.200 ± 0.369 χ^2/NDF : 26.4/32

-0.469 ± 0.376 χ^2/NDF : 22.1/32

diff_bpm16Y_rms vs slug



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

Left Out: 1699.412+/-0.440 χ^2/NDF :576988.8/14

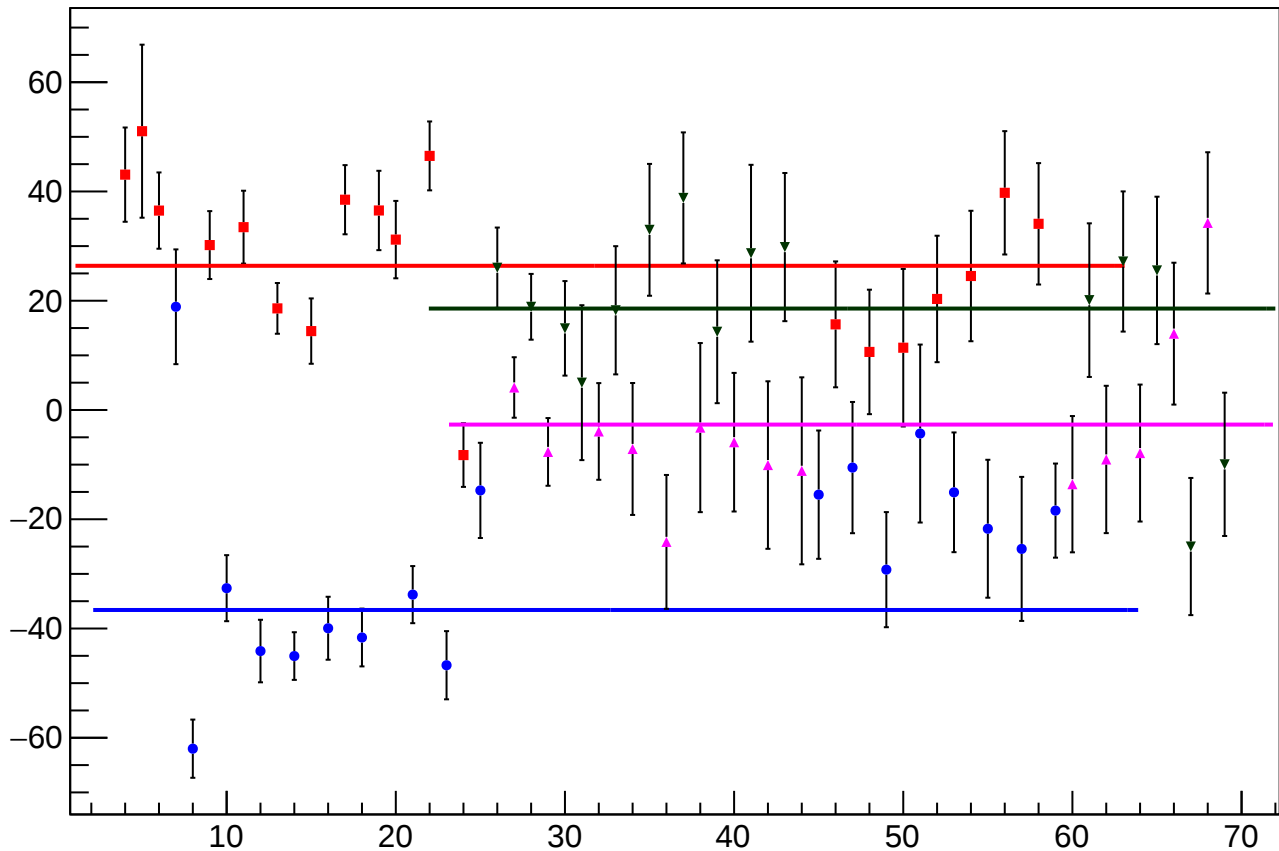
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

Left In: 1677.656+/-0.424 χ^2/NDF :543648.7/13

1556.519+/-0.261 χ^2/NDF : 2199023.0/32

1554.671+/-0.266 χ^2/NDF : 1807651.7/32

diff_bpm0l01X_mean vs slug



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

Left Out: 18.568 ± 2.780 χ^2/NDF : 25.1/14

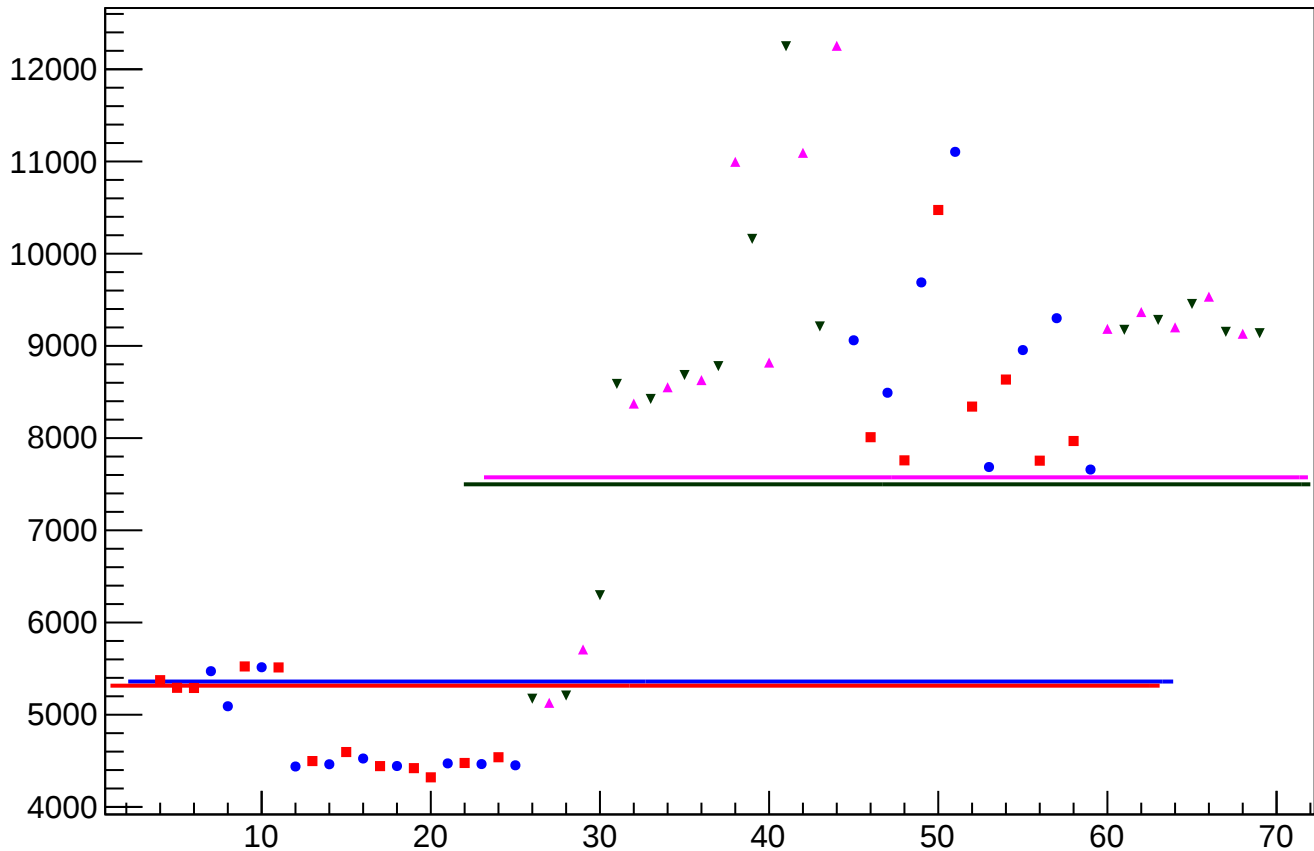
Right Out: 26.394 ± 1.742 χ^2/NDF : 74.2/18

Left In: -2.671 ± 2.740 χ^2/NDF : 16.9/13

-21.925 ± 1.434 χ^2/NDF : 404.0/32

18.027 ± 1.470 χ^2/NDF : 171.2/32

diff_bpm0l01X_rms vs slug



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

Left Out: 7498.766+/-1.966 χ^2/NDF : 1056531.1/14

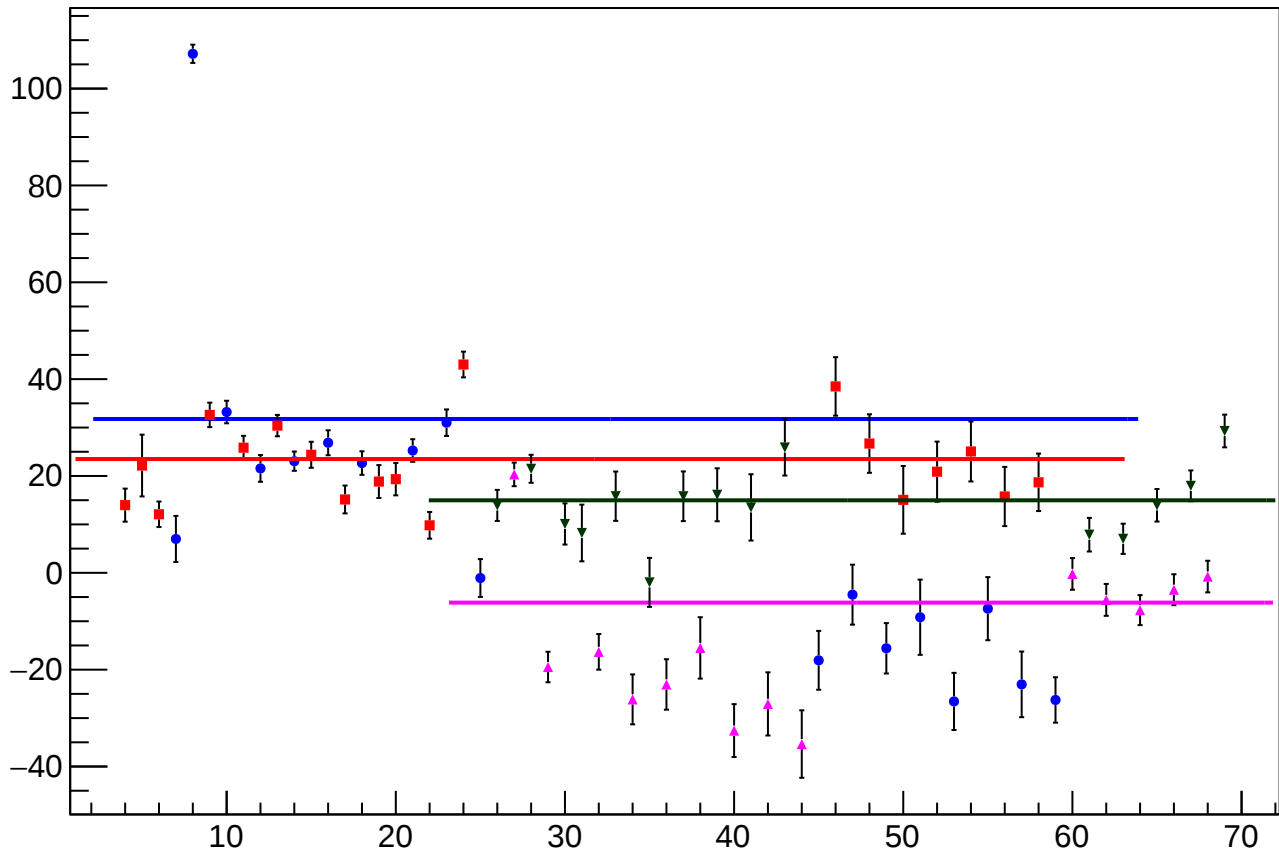
5929.093+/-1.014 χ^2/NDF : 3785235.8/32

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

5965.567+/-1.039 χ^2/NDF : 3363556.2/32

Left In: 7574.668+/-1.937 χ^2/NDF : 1164828.0/13

diff_bpm0l01Y_mean vs slug



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

Left Out: 14.976 ± 1.019 $\chi^2/\text{NDF}: 52.4/14$

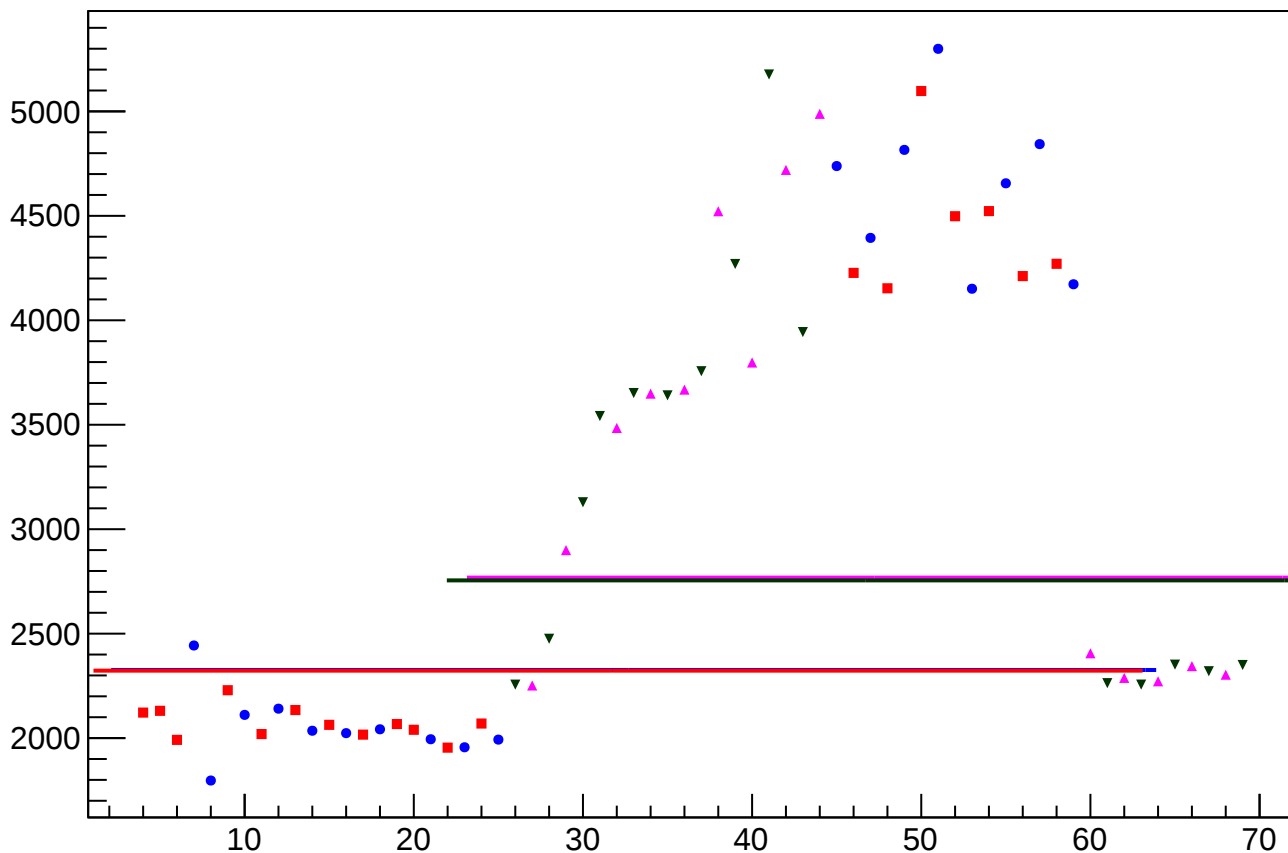
Right Out: 23.500 ± 0.773 $\chi^2/\text{NDF}: 151.3/18$

Left In: -6.152 ± 0.999 $\chi^2/\text{NDF}: 229.6/13$

25.964 ± 0.599 $\chi^2/\text{NDF}: 2553.1/32$

12.403 ± 0.611 $\chi^2/\text{NDF}: 932.1/32$

diff_bpm0l01Y_rms vs slug



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

Left Out: 2754.981+/-0.721 χ^2/NDF :991511.3/14

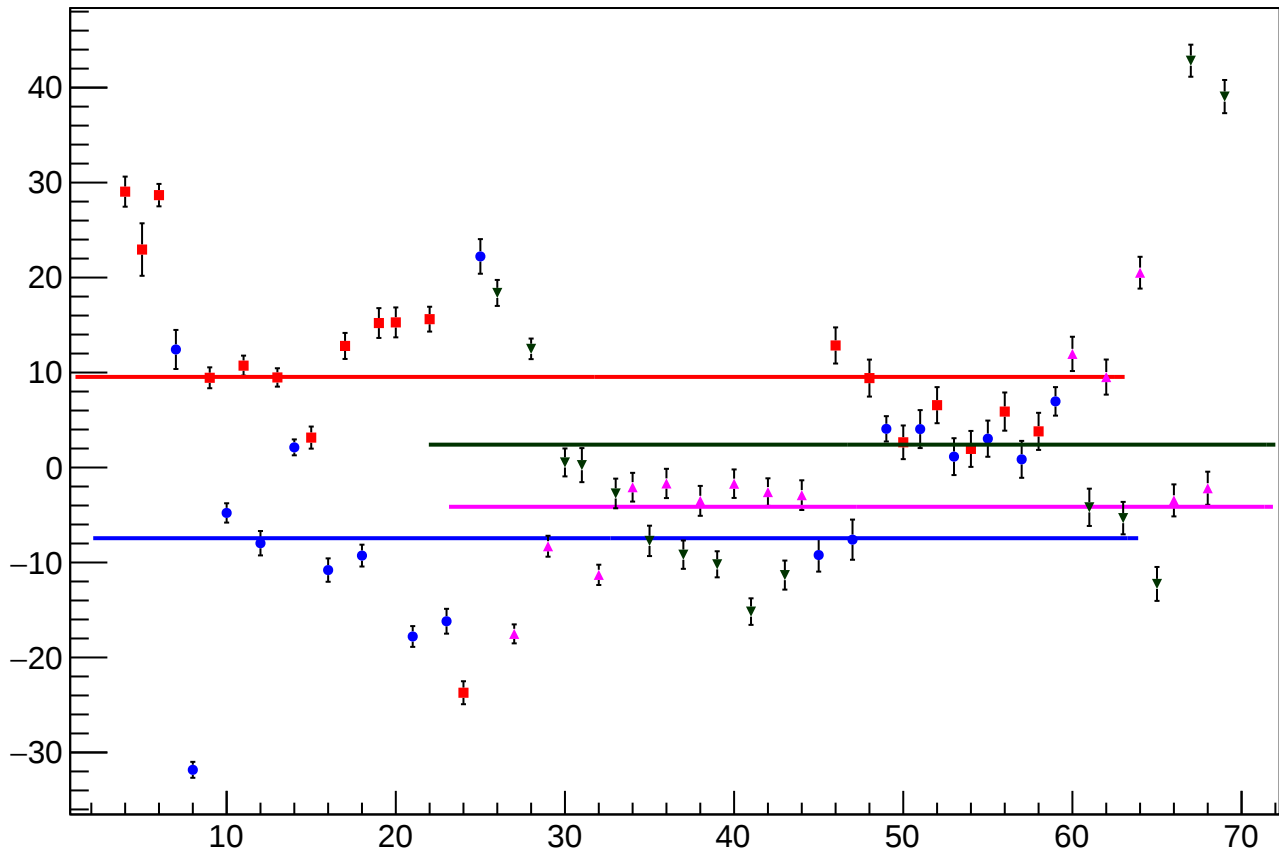
Right Out: 2322.918+/-0.546 χ^2/NDF : 1810759.5/18

Left In: 2768.274+/-0.706 χ^2/NDF :1087375.9/13

2474.313+/-0.424 χ^2/NDF : 3919740.4/32

2489.589+/-0.432 χ^2/NDF : 3146833.9/32

diff_bpm2i01X_mean vs slug



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

Left Out: 2.408 ± 0.393 χ^2/NDF : 1772.6/14

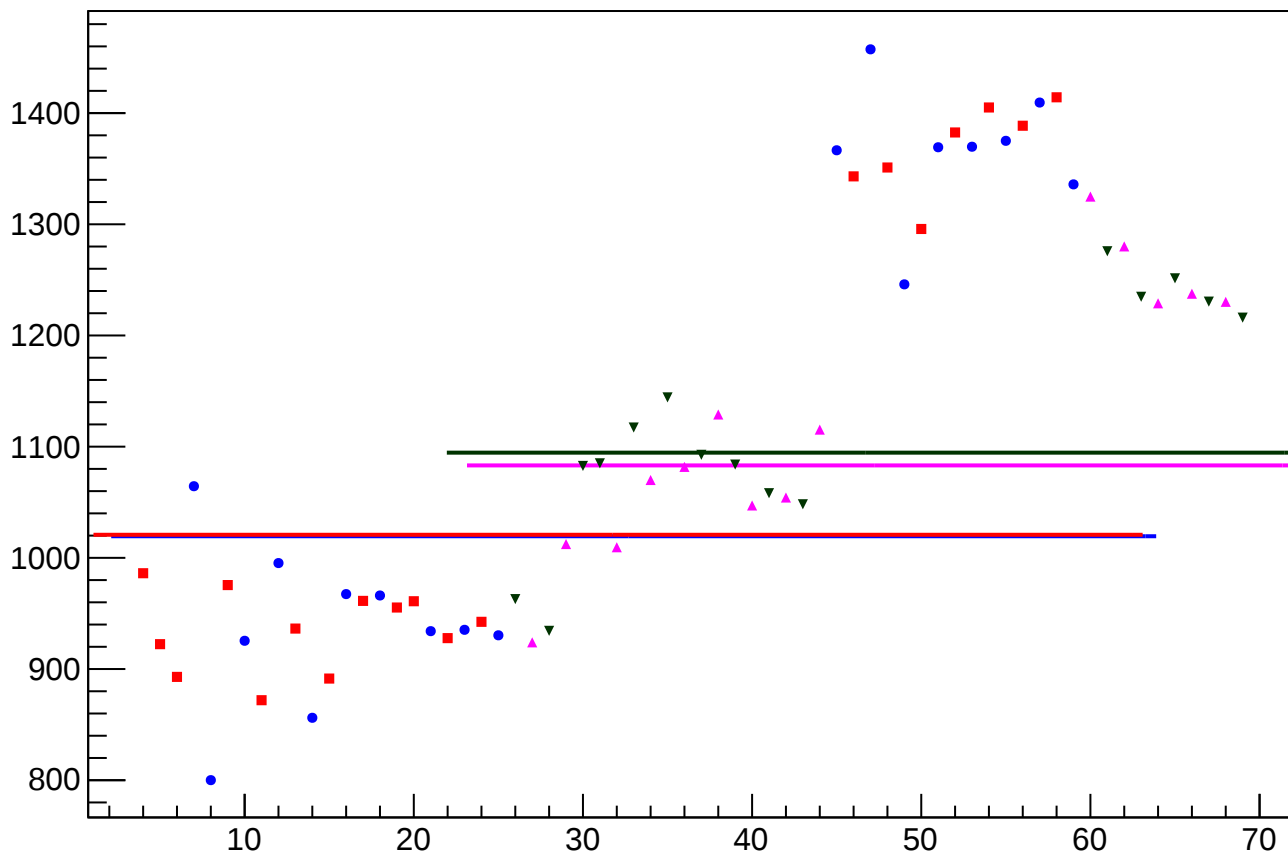
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -4.134 ± 0.380 χ^2/NDF : 599.7/13

-3.666 ± 0.243 χ^2/NDF : 3913.7/32

3.707 ± 0.248 χ^2/NDF : 2670.6/32

diff_bpm2i01X_rms vs slug



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

Left Out: 1094.609+/-0.278 χ^2/NDF :136685.3/14

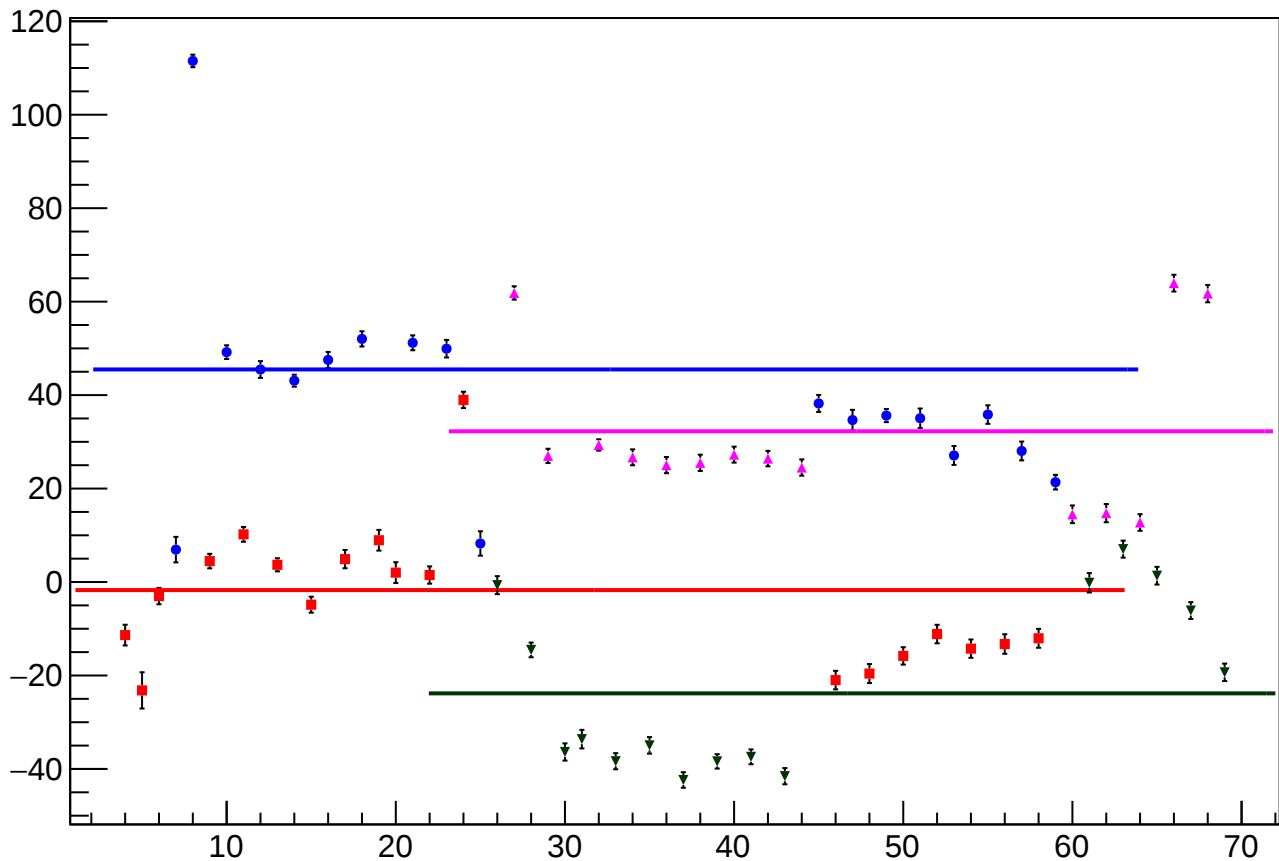
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1083.133+/-0.269 χ^2/NDF :177891.8/13

1048.250+/-0.172 χ^2/NDF : 1034687.5/32

1047.360+/-0.175 χ^2/NDF : 813897.6/32

diff_bpm2i01Y_mean vs slug



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

Left Out: -23.826 $\pm$ 0.457 χ^2/NDF : 1445.0/14

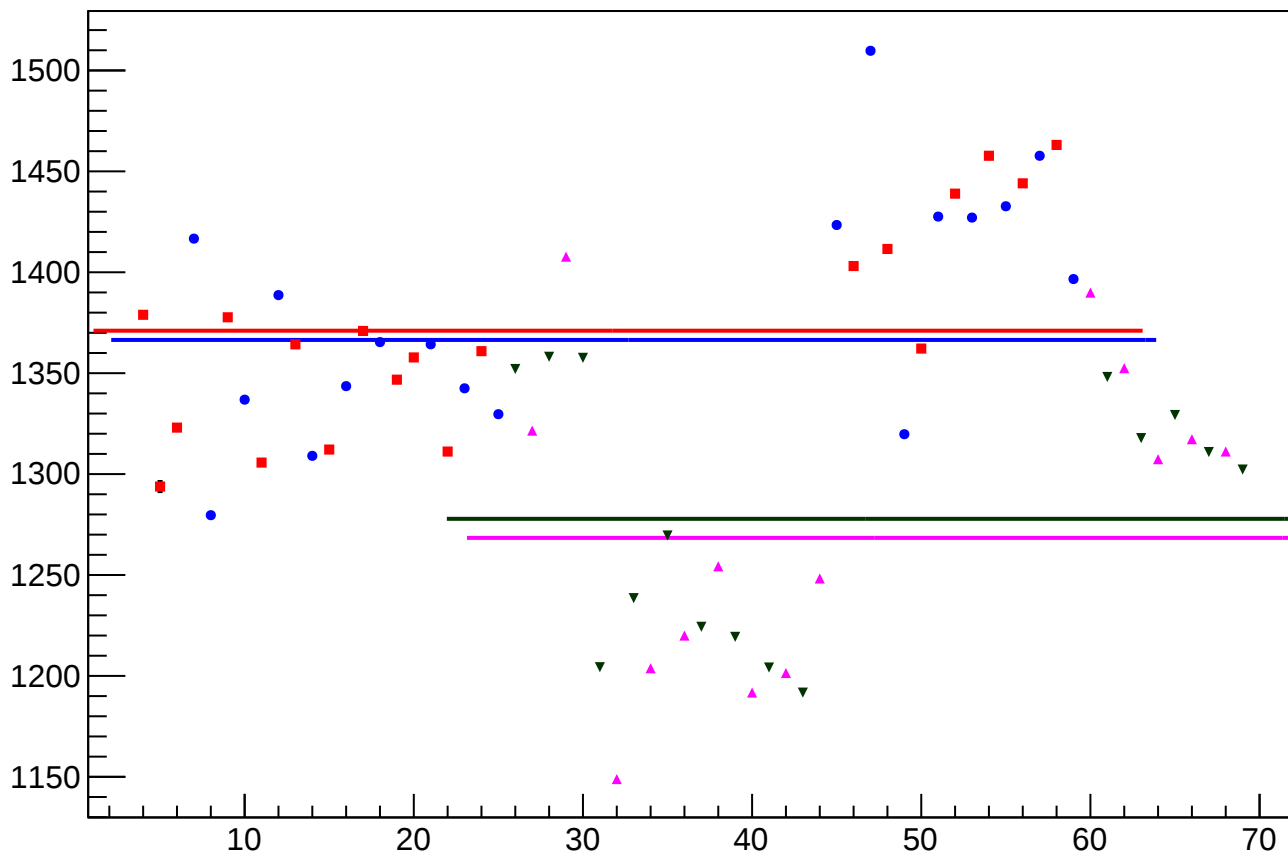
Right Out: -1.724 $\pm$ 0.434 χ^2/NDF : 1071.7/18

Left In: 32.256 $\pm$ 0.443 χ^2/NDF : 1383.0/13

14.766 $\pm$ 0.304 χ^2/NDF : 17648.0/32

14.917 $\pm$ 0.310 χ^2/NDF : 5457.5/32

diff_bpm2i01Y_rms vs slug



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

Left Out: 1277.837+/-0.323 χ^2/NDF : 35595.0/14

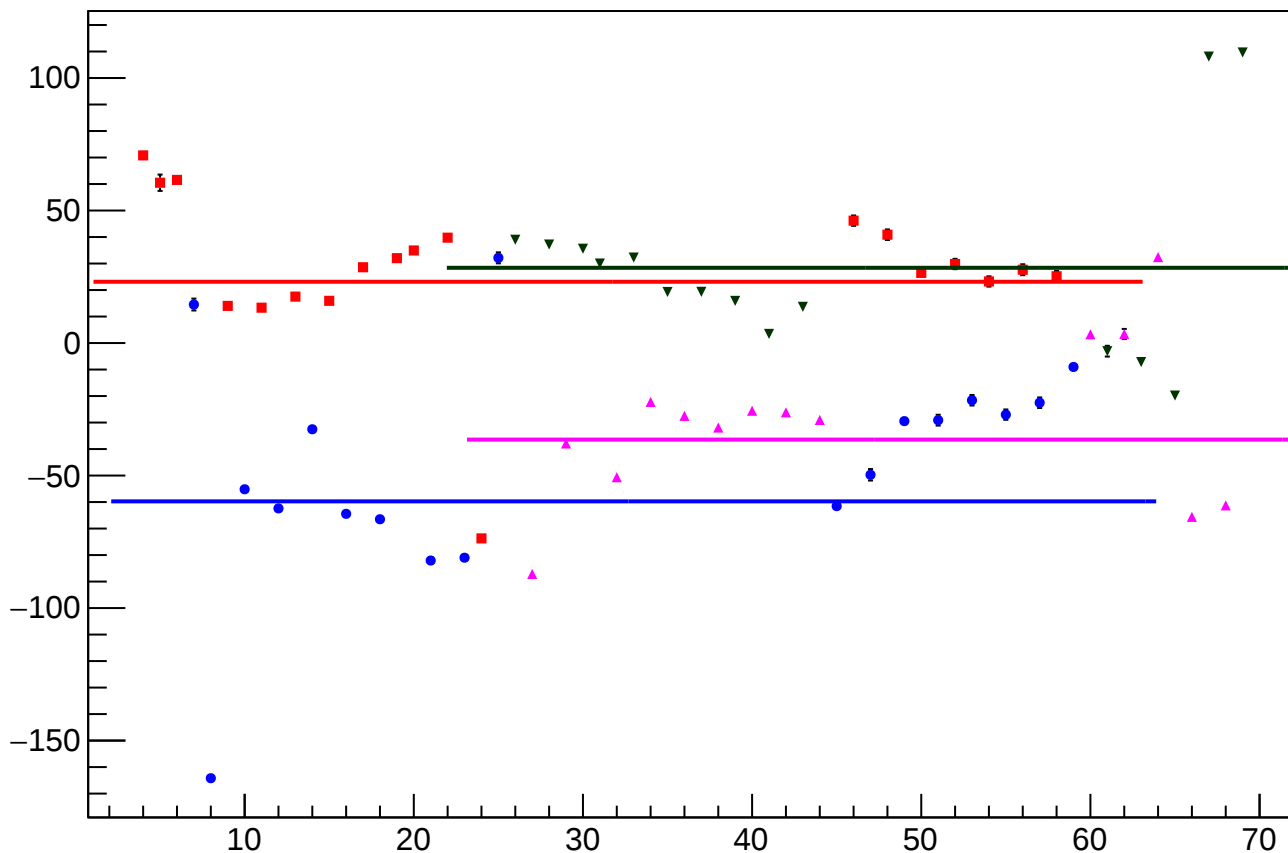
Right Out: 1371.055+/-0.307 χ^2/NDF : 24860.5/18

Left In: 1268.395+/-0.313 χ^2/NDF : 66357.1/13

1327.182+/-0.215 χ^2/NDF : 116083.2/32

1320.780+/-0.219 χ^2/NDF : 146036.3/32

diff_bpm2i02X_mean vs slug



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

Left Out: 28.393 ± 0.410 $\chi^2/\text{NDF}: 6098.8/14$

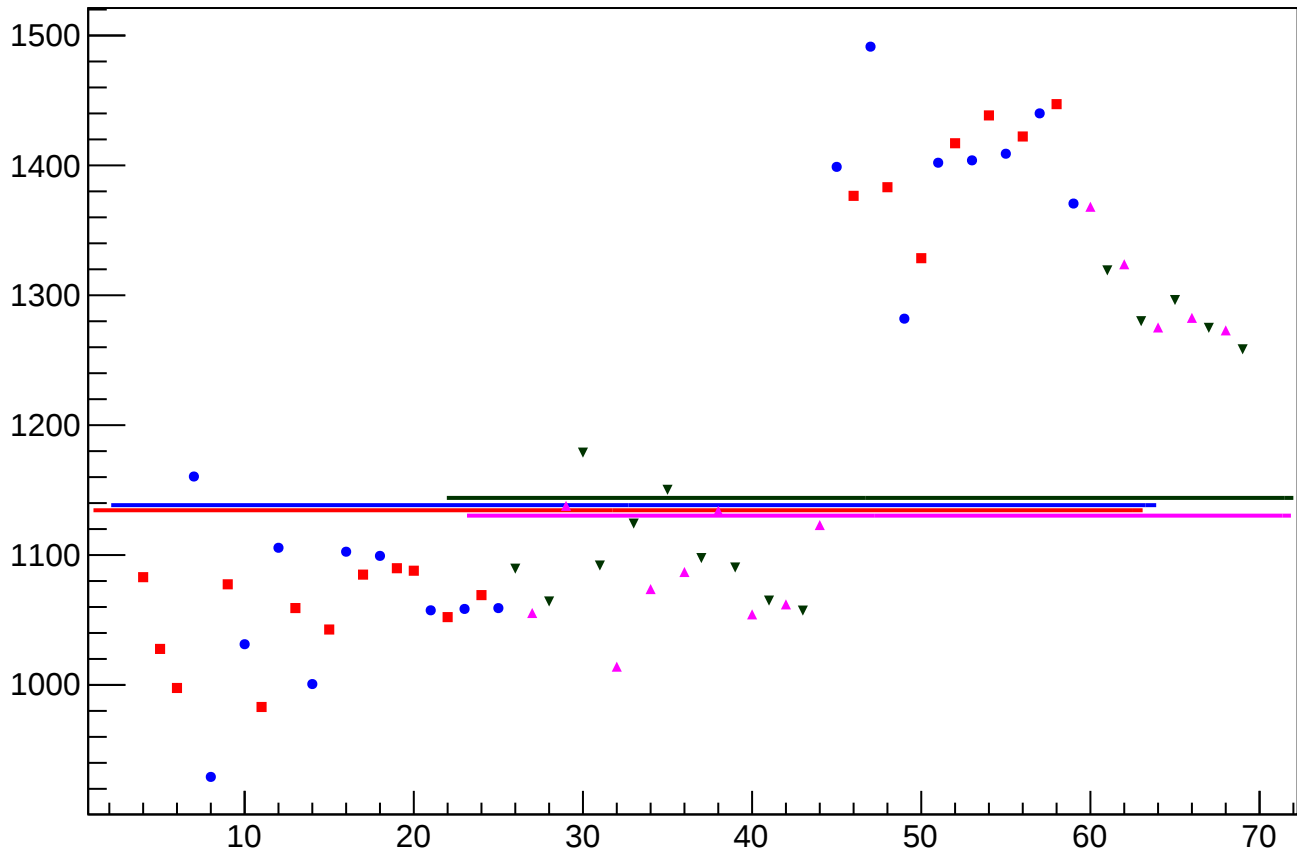
Right Out: 23.126 ± 0.362 $\chi^2/\text{NDF}: 7355.2/18$

Left In: -36.430 ± 0.396 $\chi^2/\text{NDF}: 5332.1/13$

-23.445 ± 0.263 $\chi^2/\text{NDF}: 52024.0/32$

-3.978 ± 0.267 $\chi^2/\text{NDF}: 25019.0/32$

diff_bpm2i02X_rms vs slug



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

Left Out: 1143.995 $\pm$ 0.290 χ^2 /NDF: 90849.6/14

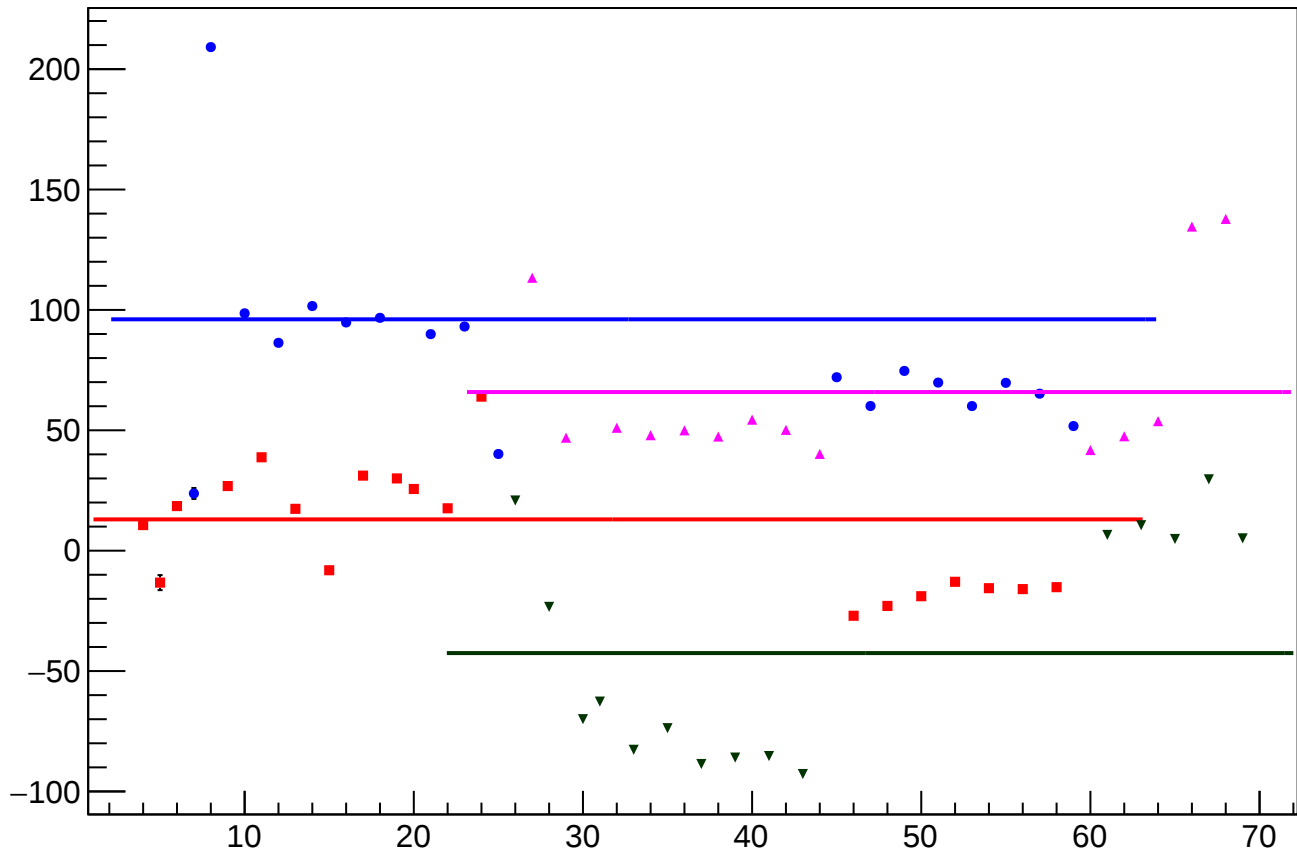
1140.710 $\pm$ 0.186 χ^2 /NDF: 579143.3/32

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

1132.595 $\pm$ 0.189 χ^2 /NDF: 501572.5/32

Left In: 1130.341 $\pm$ 0.280 χ^2 /NDF: 140732.2/13

diff_bpm2i02Y_mean vs slug



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

Left Out: -42.530 $\pm$ 0.407 χ^2 /NDF:12161.7/14

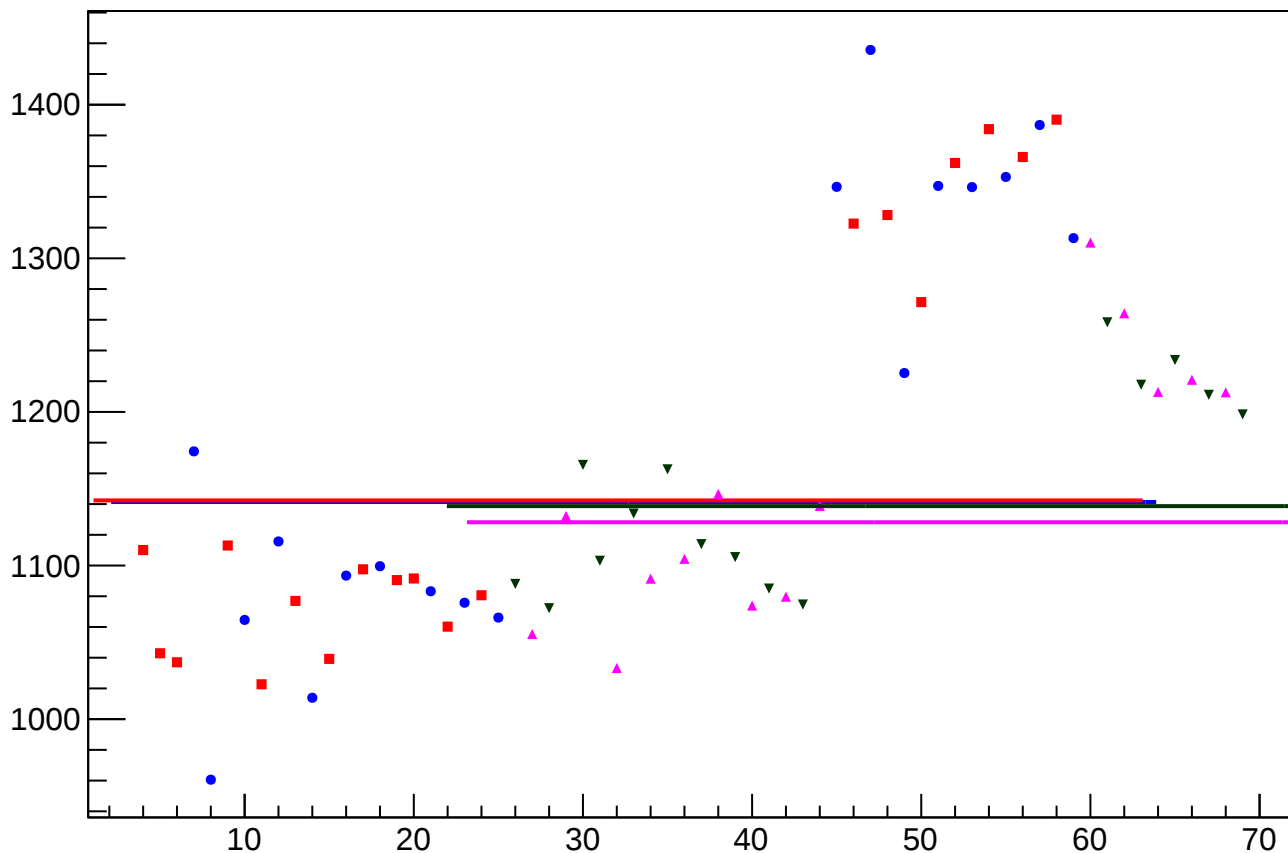
Right Out: 12.992 $\pm$ 0.363 χ^2 /NDF: 4541.3/18

Left In: 65.888 $\pm$ 0.394 χ^2 /NDF:6749.1/13

38.633 $\pm$ 0.262 χ^2 /NDF: 97034.7/32

37.277 $\pm$ 0.267 χ^2 /NDF: 21025.2/32

diff_bpm2i02Y_rms vs slug



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

Left Out: 1138.675 $\pm$ 0.288 χ^2 /NDF:41537.6/14

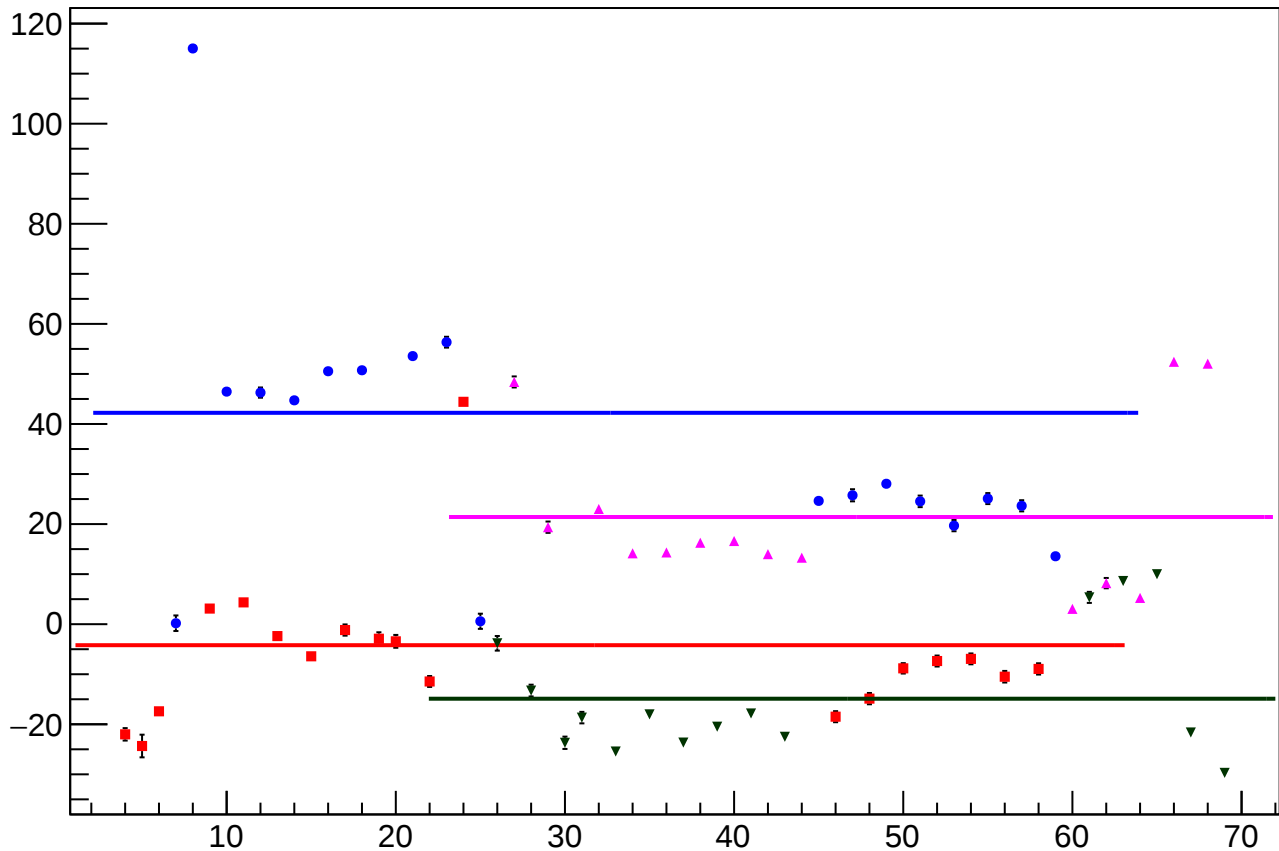
Right Out: 1142.390 $\pm$ 0.257 χ^2 /NDF: 236212.3/18

Left In: 1128.175 $\pm$ 0.279 χ^2 /NDF:78028.4/13

1140.258 $\pm$ 0.186 χ^2 /NDF: 370895.6/32

1135.864 $\pm$ 0.189 χ^2 /NDF: 315646.6/32

diff_bpm1i04X_mean vs slug



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

Left Out: -14.891+/-0.265 χ^2/NDF : 2274.4/14

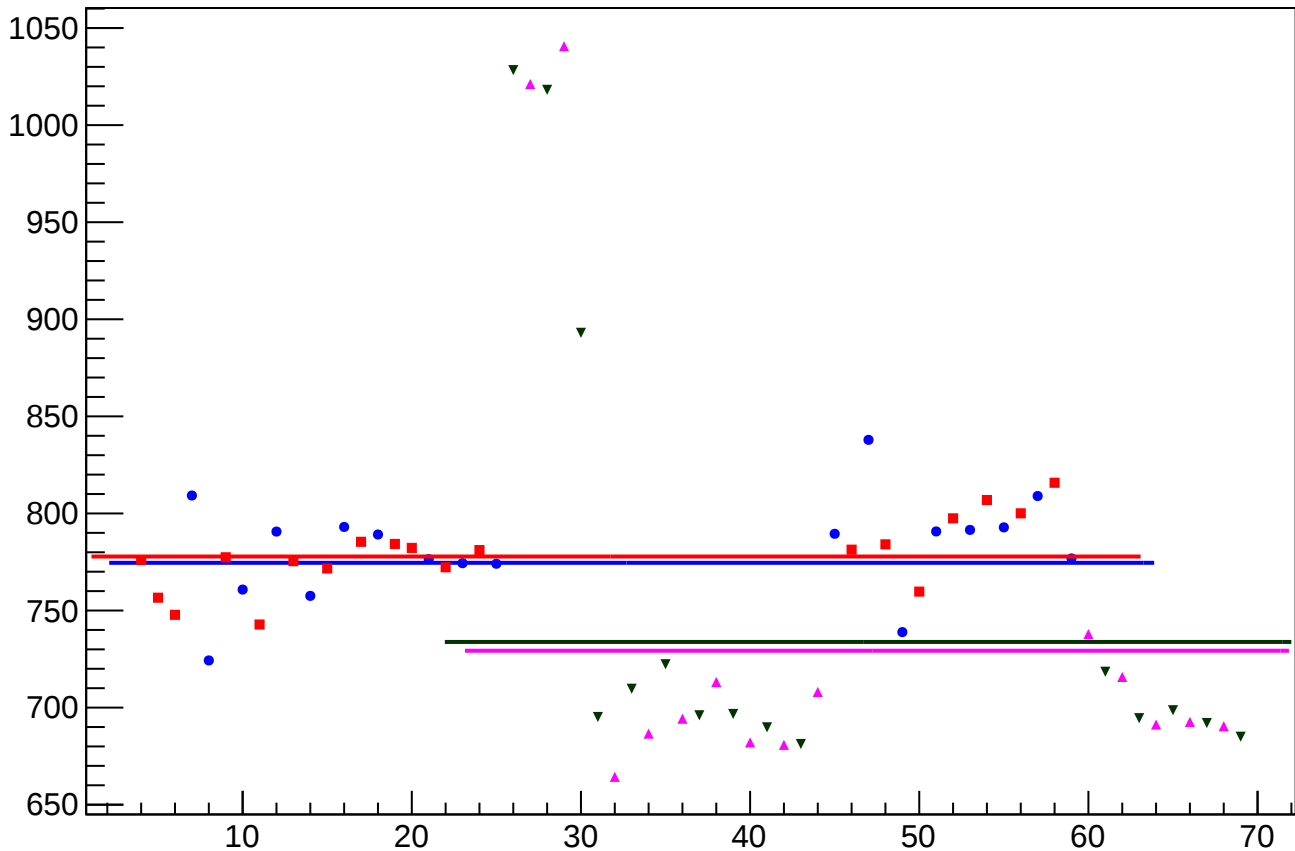
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 21.414+/-0.257 χ^2/NDF : 3750.4/13

17.544+/-0.174 χ^2/NDF : 43023.0/32

8.051+/-0.178 χ^2/NDF : 12322.1/32

diff_bpm1i04X_rms vs slug



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

Left Out: 733.820+/-0.187 χ^2/NDF : 267109.9/14

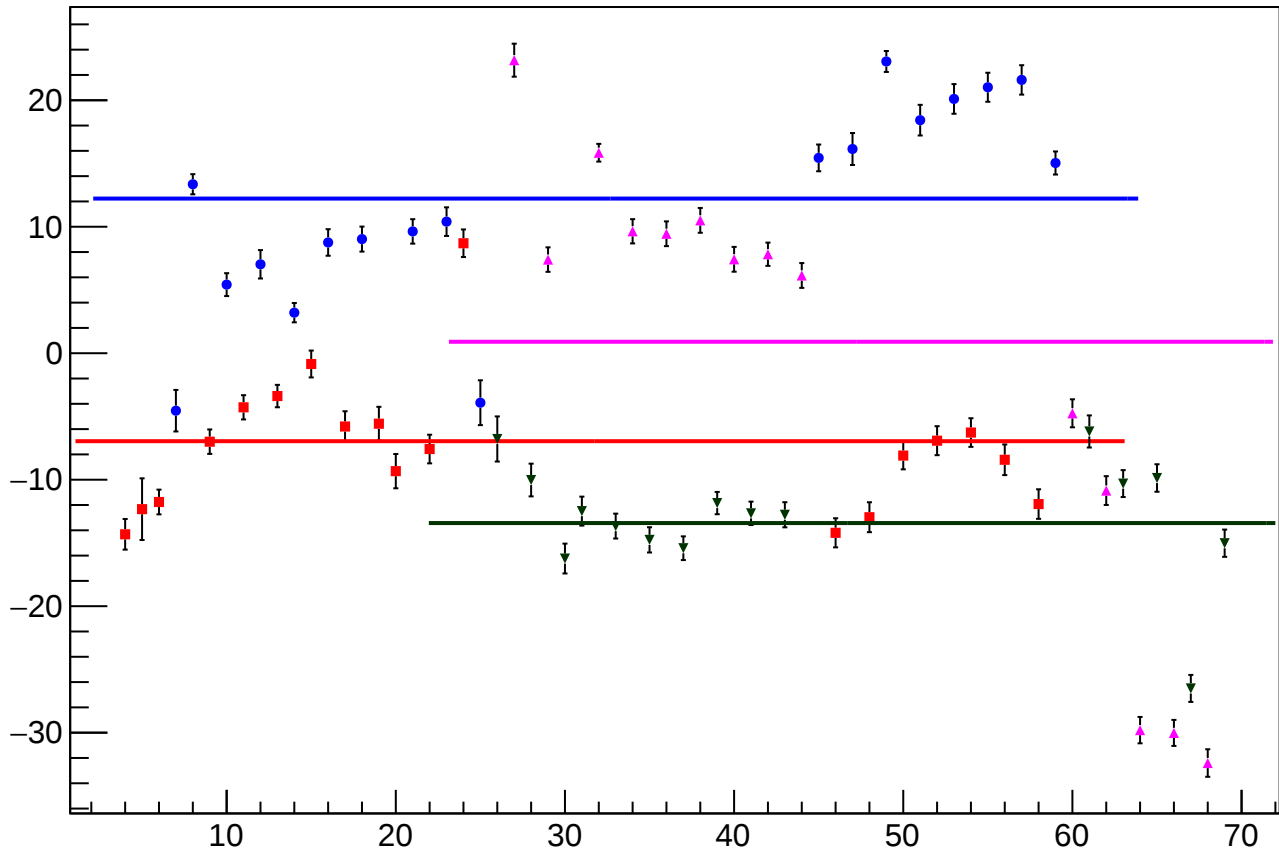
Right Out: 777.816+/-0.174 χ^2/NDF : 11180.5/18

Left In: 729.296+/-0.182 χ^2/NDF : 337289.2/13

756.965+/-0.123 χ^2/NDF : 320413.1/32

754.612+/-0.126 χ^2/NDF : 385747.9/32

diff_bpm1i04Y_mean vs slug



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

Left Out: -13.427 $\pm$ 0.276 χ^2 /NDF: 241.9/14

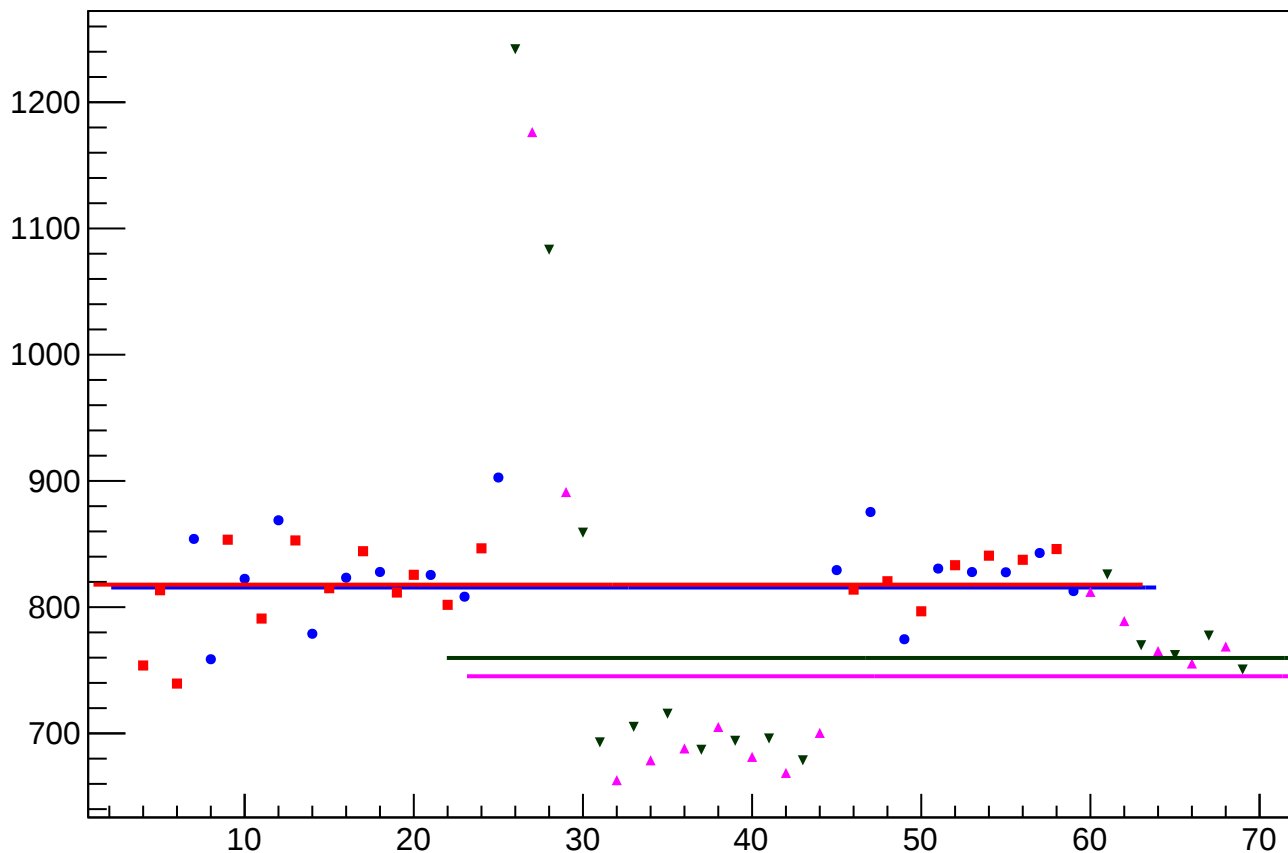
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

Left In: 0.906 $\pm$ 0.263 χ^2 /NDF: 4013.7/13

0.999 $\pm$ 0.183 χ^2 /NDF: 5932.7/32

-3.088 $\pm$ 0.185 χ^2 /NDF: 4887.3/32

diff_bpm1i04Y_rms vs slug



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

Left Out: 759.753+/-0.195 χ^2/NDF : 354562.7/14

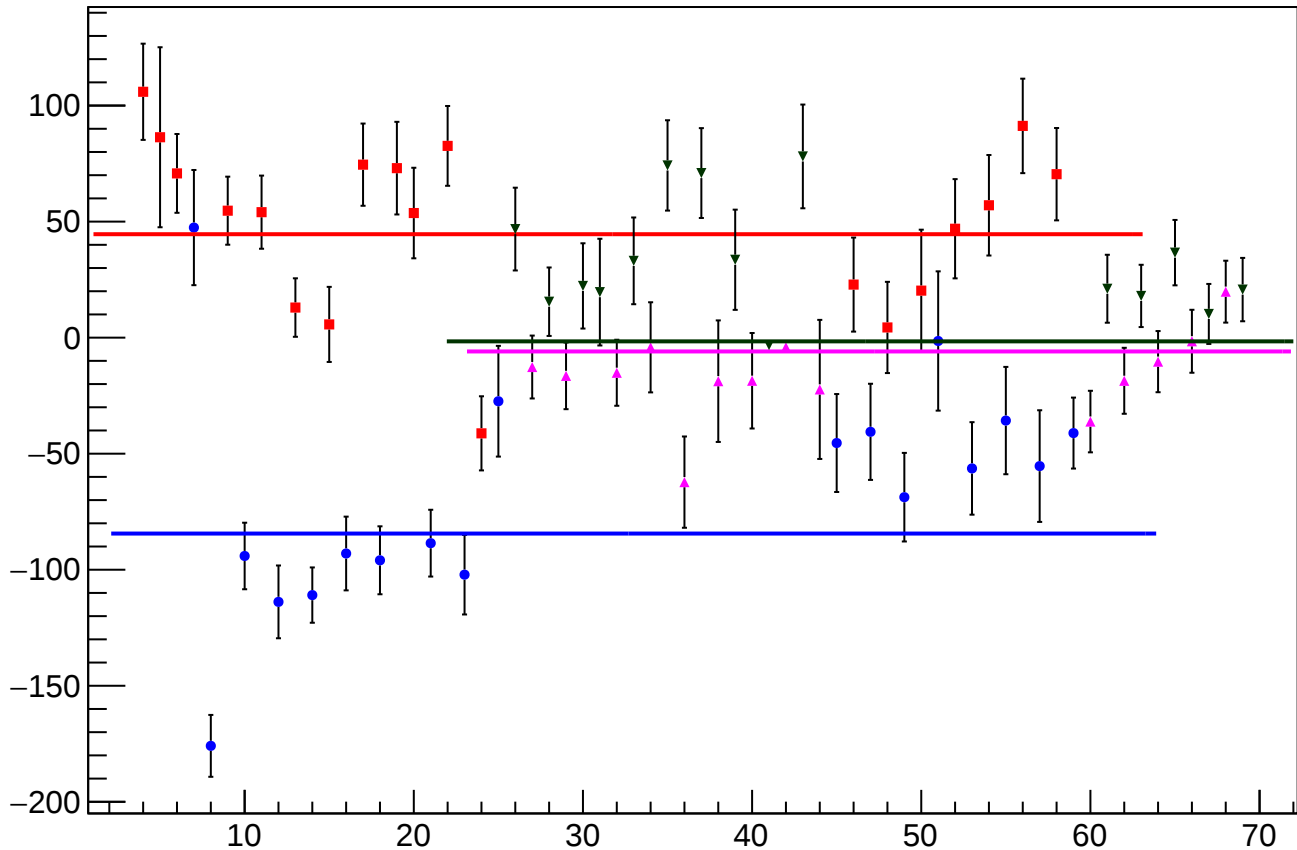
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

Left In: 745.259+/-0.186 χ^2/NDF : 349743.0/13

791.144+/-0.129 χ^2/NDF : 438206.3/32

782.143+/-0.131 χ^2/NDF : 459367.8/32

diff_bpm0l02X_mean vs slug



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

Left Out: -1.601 ± 0.960 χ^2/NDF : 77.4/14

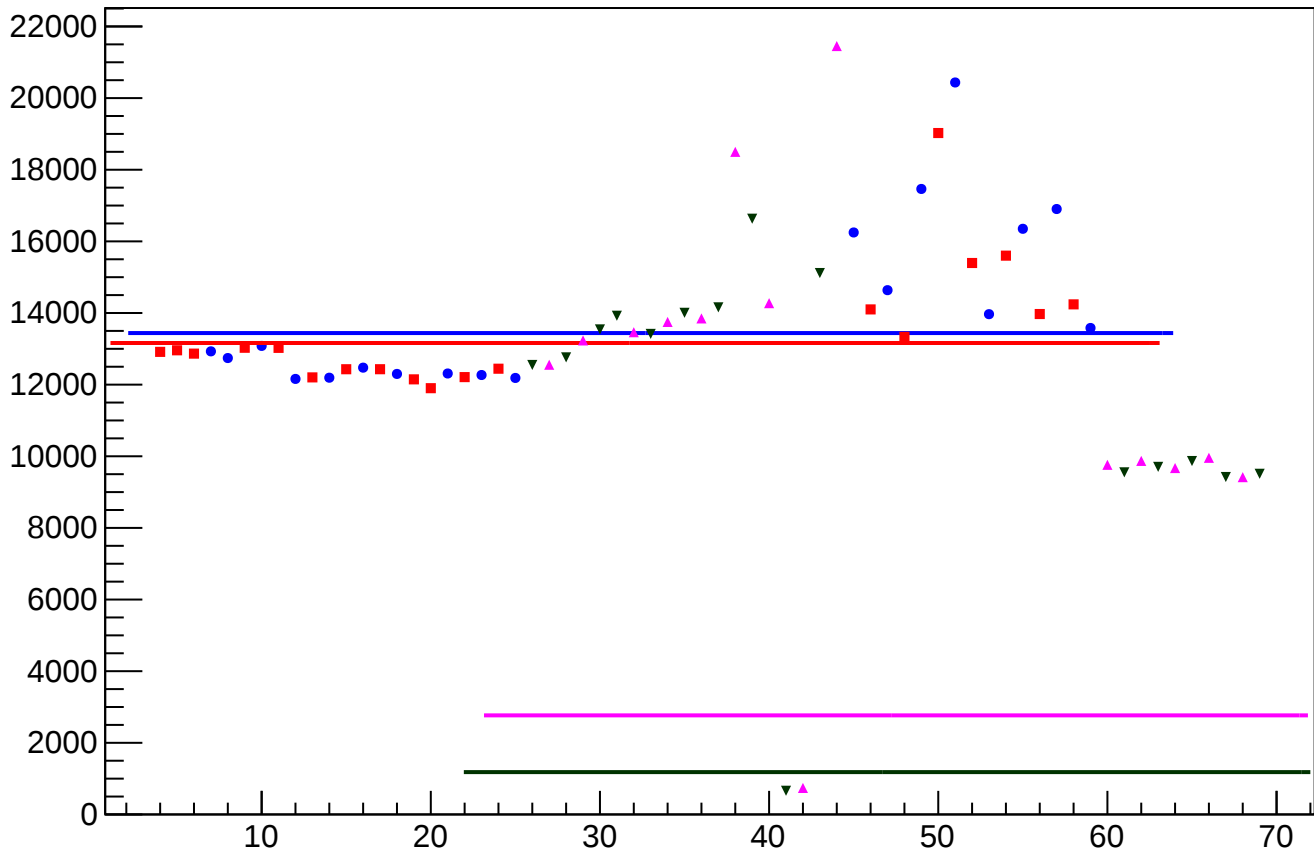
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -5.948 ± 1.862 χ^2/NDF : 21.0/13

-5.984 ± 0.934 χ^2/NDF : 595.5/32

2.346 ± 1.703 χ^2/NDF : 219.4/32

diff_bpm0l02X_rms vs slug



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

Left Out: 1182.287+/-0.679 χ^2/NDF :12329576.3/14

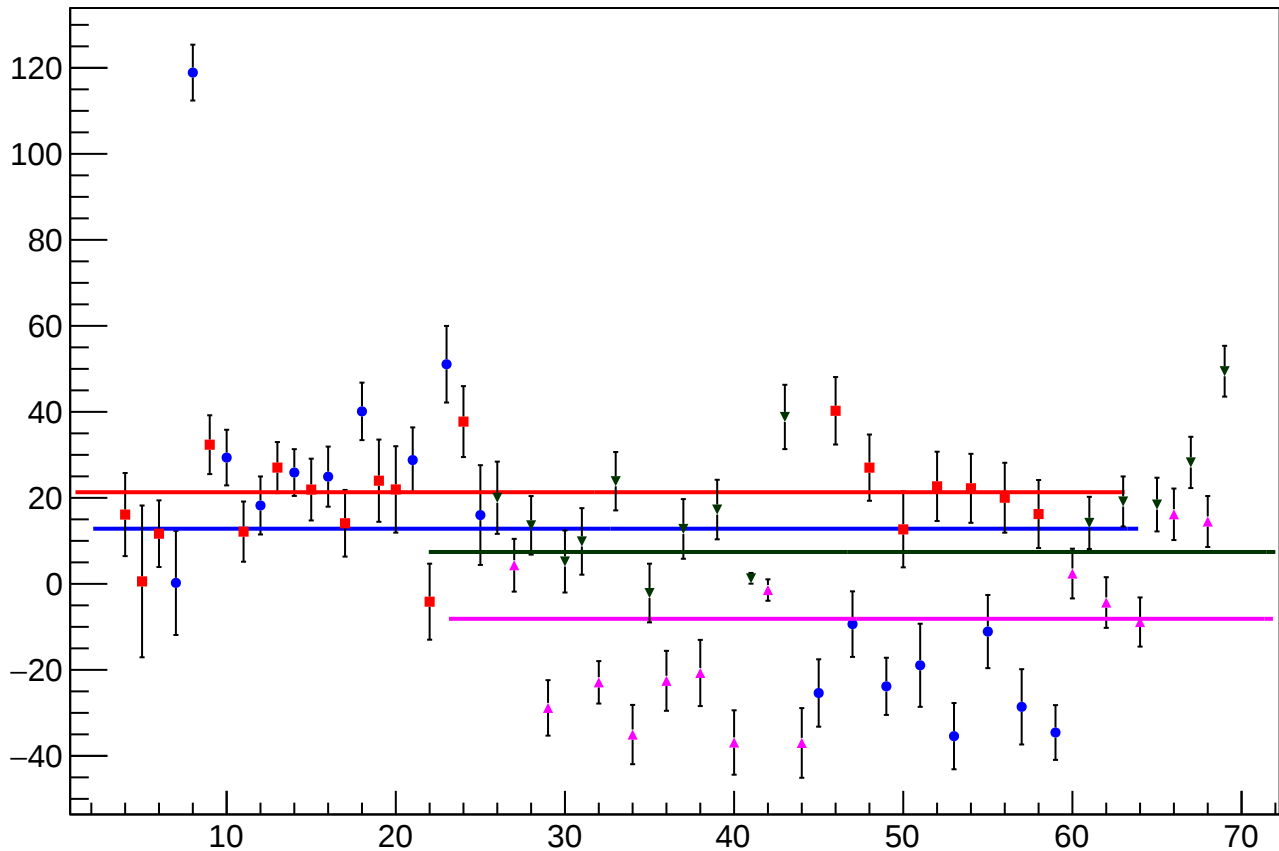
Right Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

Left In: 2766.399+/-1.317 χ^2/NDF :11236229.1/13

1831.131+/-0.660 χ^2/NDF : 30000135.3/32

4473.090+/-1.204 χ^2/NDF : 21670712.7/32

diff_bpm0l02Y_mean vs slug



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

Left Out: 7.416+/-1.022 χ^2/NDF : 126.8/14

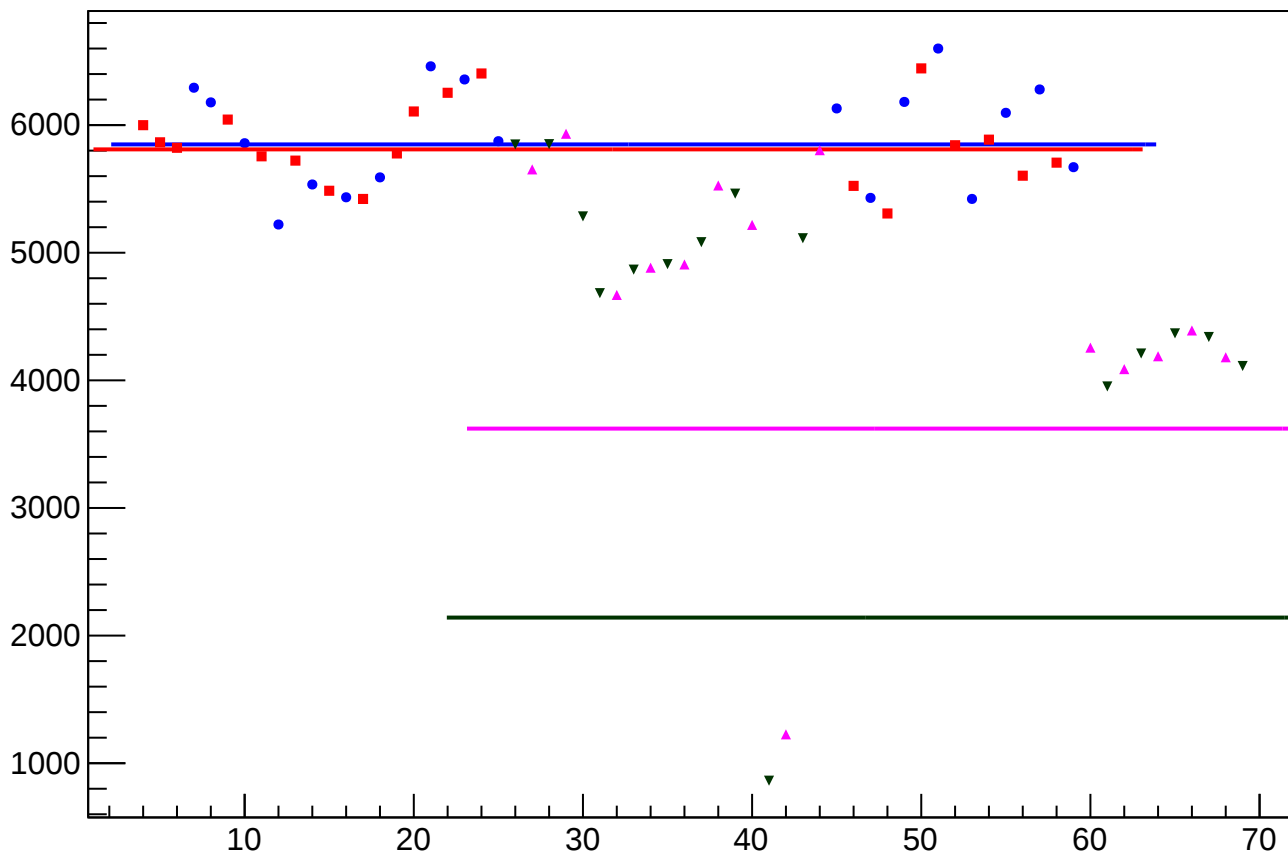
Right Out: 21.314+/-1.847 χ^2/NDF : 29.5/18

Left In: -8.127+/-1.428 χ^2/NDF : 115.0/13

8.789+/-0.883 χ^2/NDF : 655.7/32

2.892+/-1.130 χ^2/NDF : 303.5/32

diff_bpm0l02Y_rms vs slug



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

Left Out: 2141.148+/-0.723 χ^2/NDF : 6651125.8/14

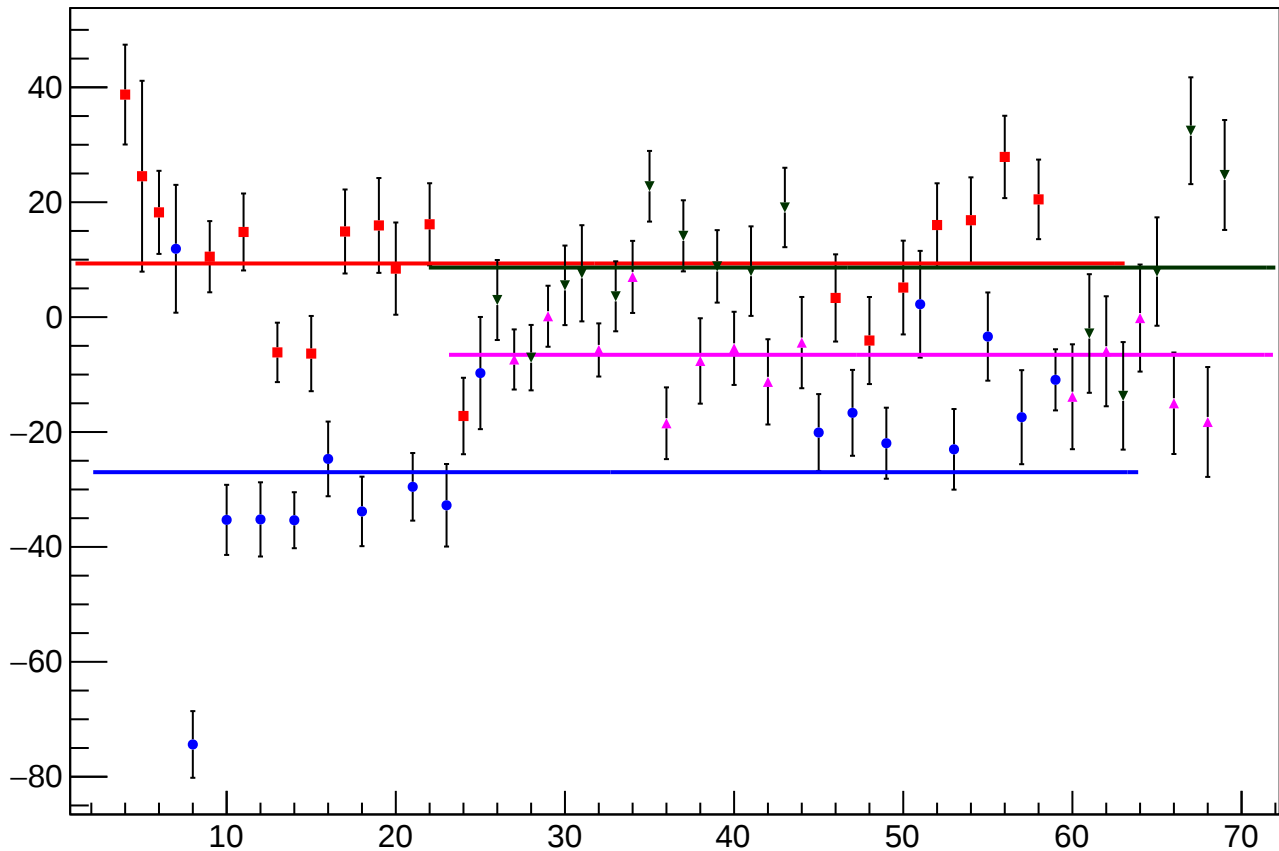
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3621.908+/-1.010 χ^2/NDF : 3017184.4/13

3081.932+/-0.624 χ^2/NDF : 13433098.6/32

4440.776+/-0.799 χ^2/NDF : 4826486.8/32

diff_bpm0l03X_mean vs slug



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

Left Out: 8.625 ± 1.879 χ^2/NDF : 33.9/14

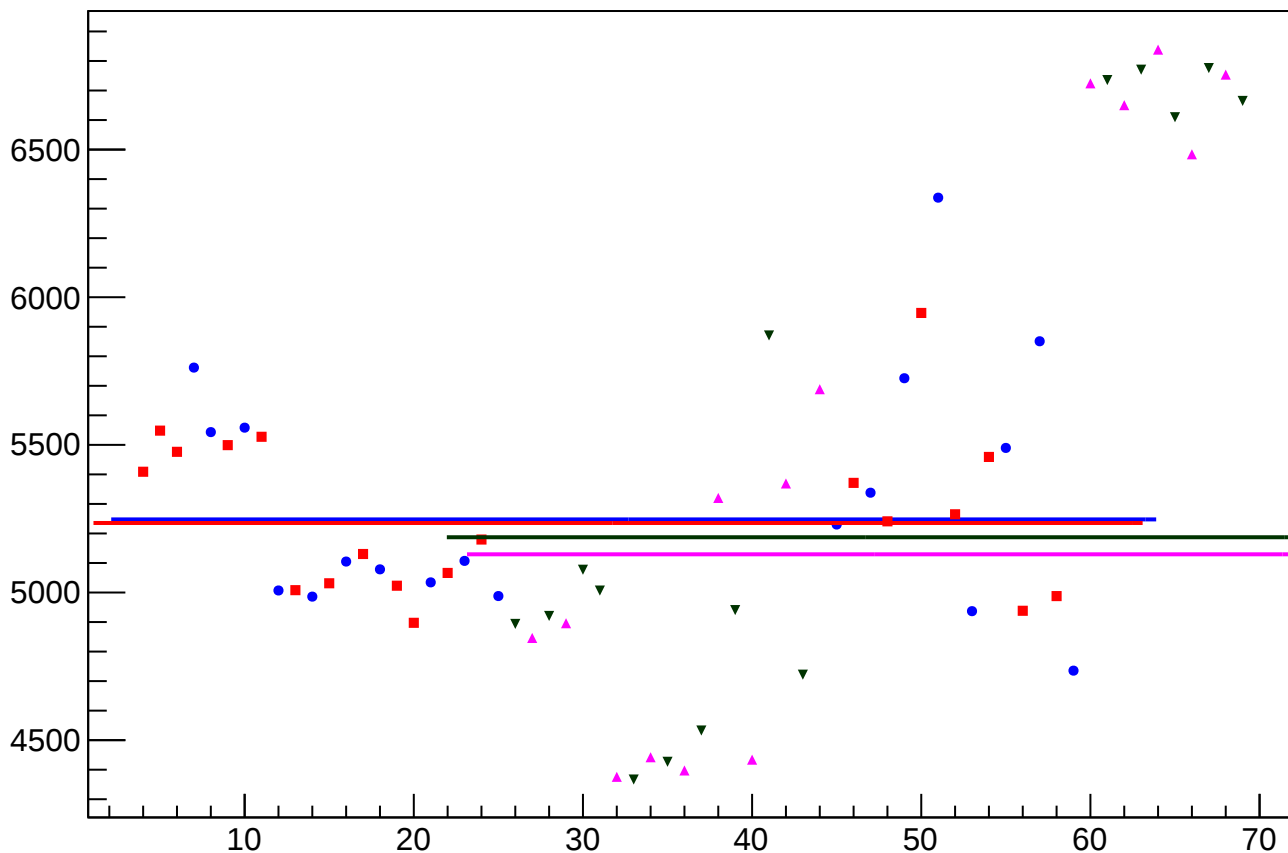
Right Out: 9.337 ± 1.659 χ^2/NDF : 62.4/18

Left In: -6.560 ± 1.811 χ^2/NDF : 14.0/13

-12.356 ± 1.205 χ^2/NDF : 369.9/32

2.083 ± 1.224 χ^2/NDF : 118.3/32

diff_bpm0l03X_rms vs slug



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

Left Out: 5187.158+/-1.329 χ^2/NDF : 379923.1/14

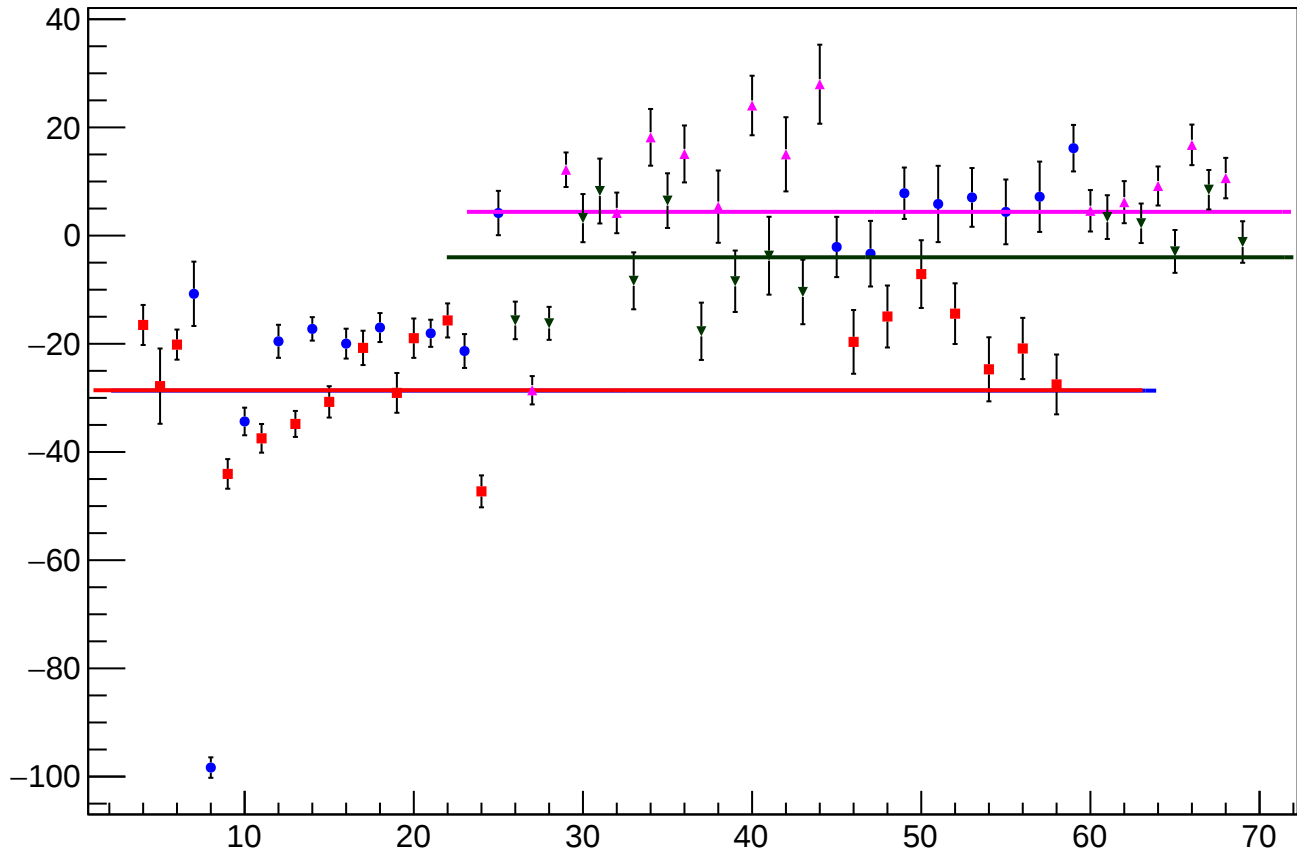
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 5129.396+/-1.281 χ^2/NDF : 435047.9/13

5222.749+/-0.852 χ^2/NDF : 486770.1/32

5187.068+/-0.865 χ^2/NDF : 485941.5/32

diff_bpm0l03Y_mean vs slug



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

Left Out: -4.007 $\pm$ 1.117 χ^2 /NDF: 66.3/14

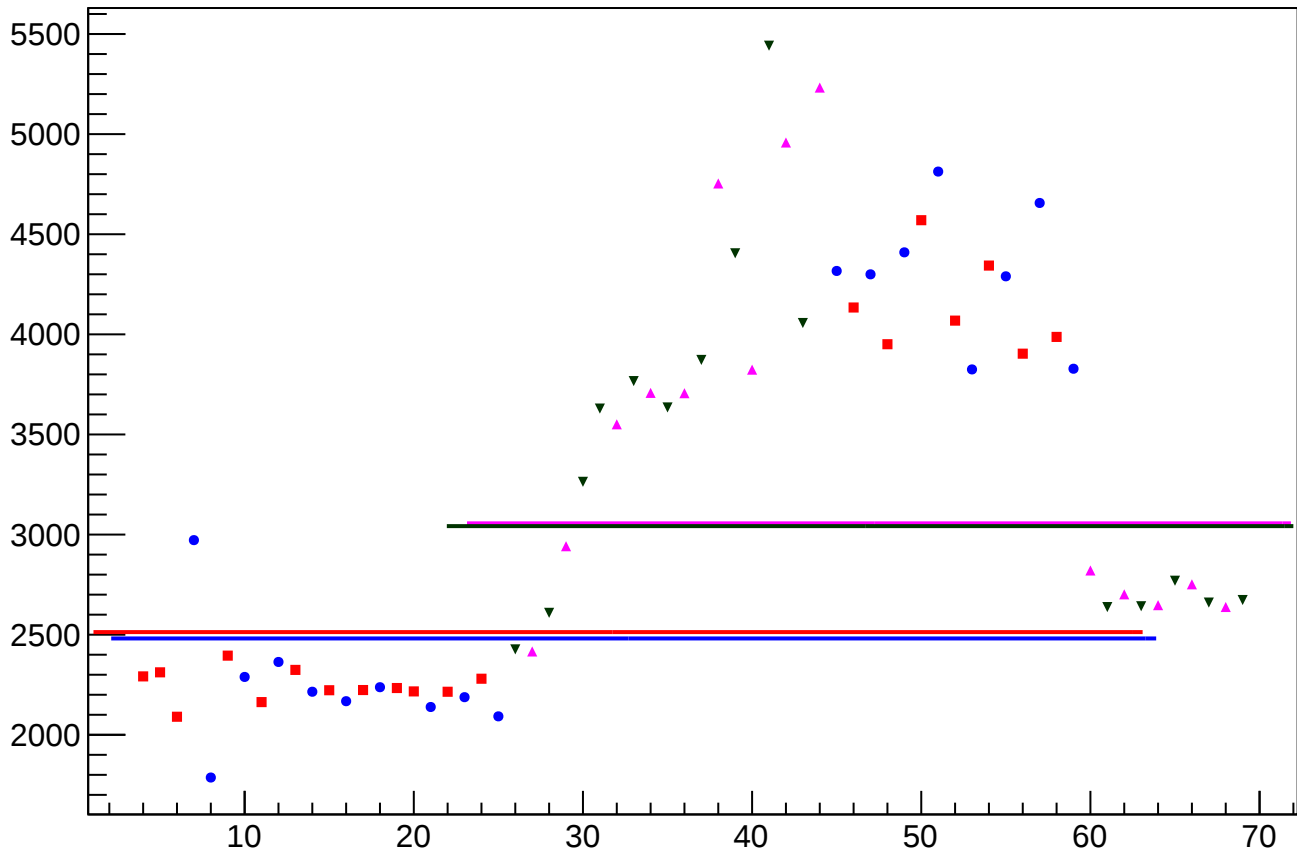
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 4.390 $\pm$ 1.093 χ^2 /NDF: 216.7/13

-20.550 $\pm$ 0.641 χ^2 /NDF: 2250.5/32

-16.597 $\pm$ 0.659 χ^2 /NDF: 964.1/32

diff_bpm0l03Y_rms vs slug



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

Left Out: 3042.231 $\pm$ 0.790 χ^2 /NDF:731112.4/14

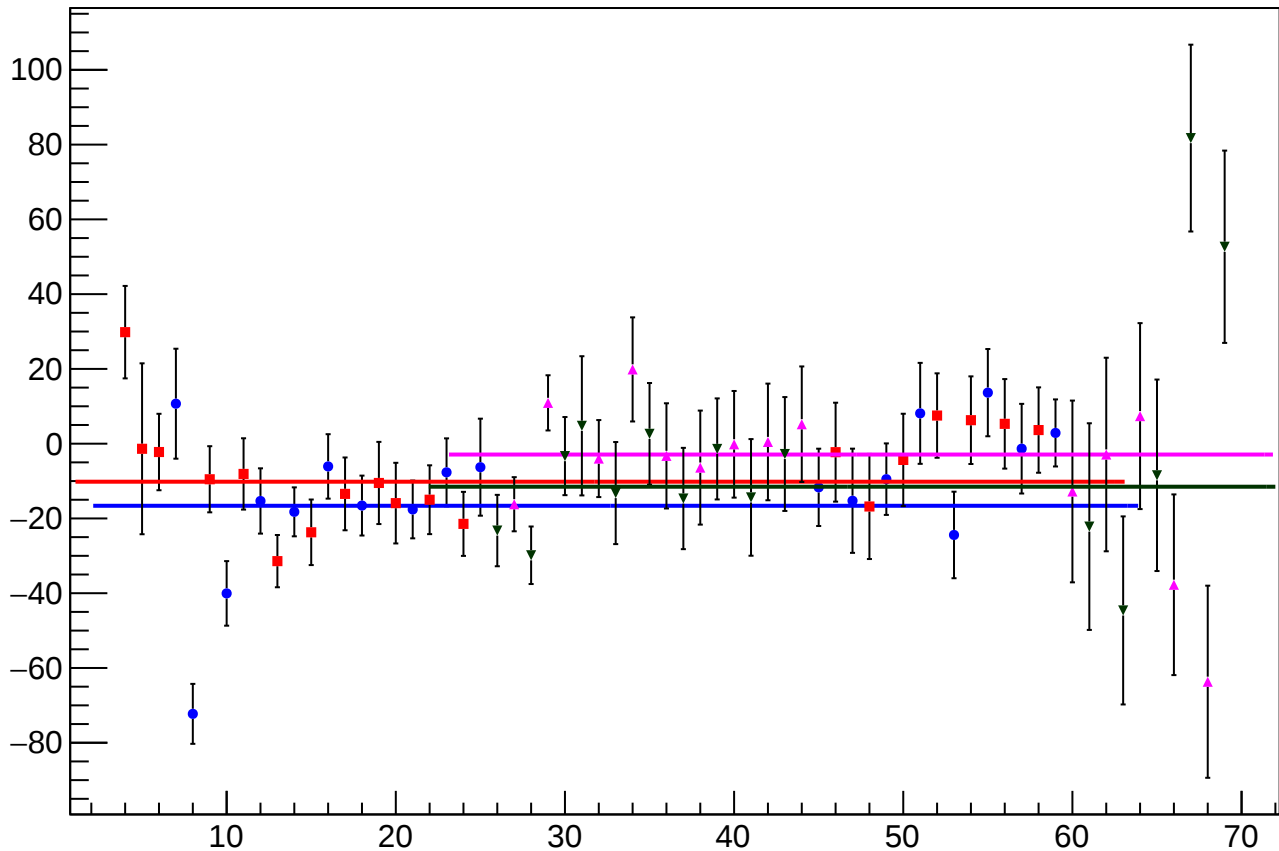
2665.711 $\pm$ 0.453 χ^2 /NDF: 3182008.8/32

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

2710.387 $\pm$ 0.466 χ^2 /NDF: 2417961.5/32

Left In: 3056.079 $\pm$ 0.773 χ^2 /NDF:805311.8/13

diff_bpm0l04X_mean vs slug



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

Left Out: -11.511 ± 3.591 χ^2/NDF : 32.7/14

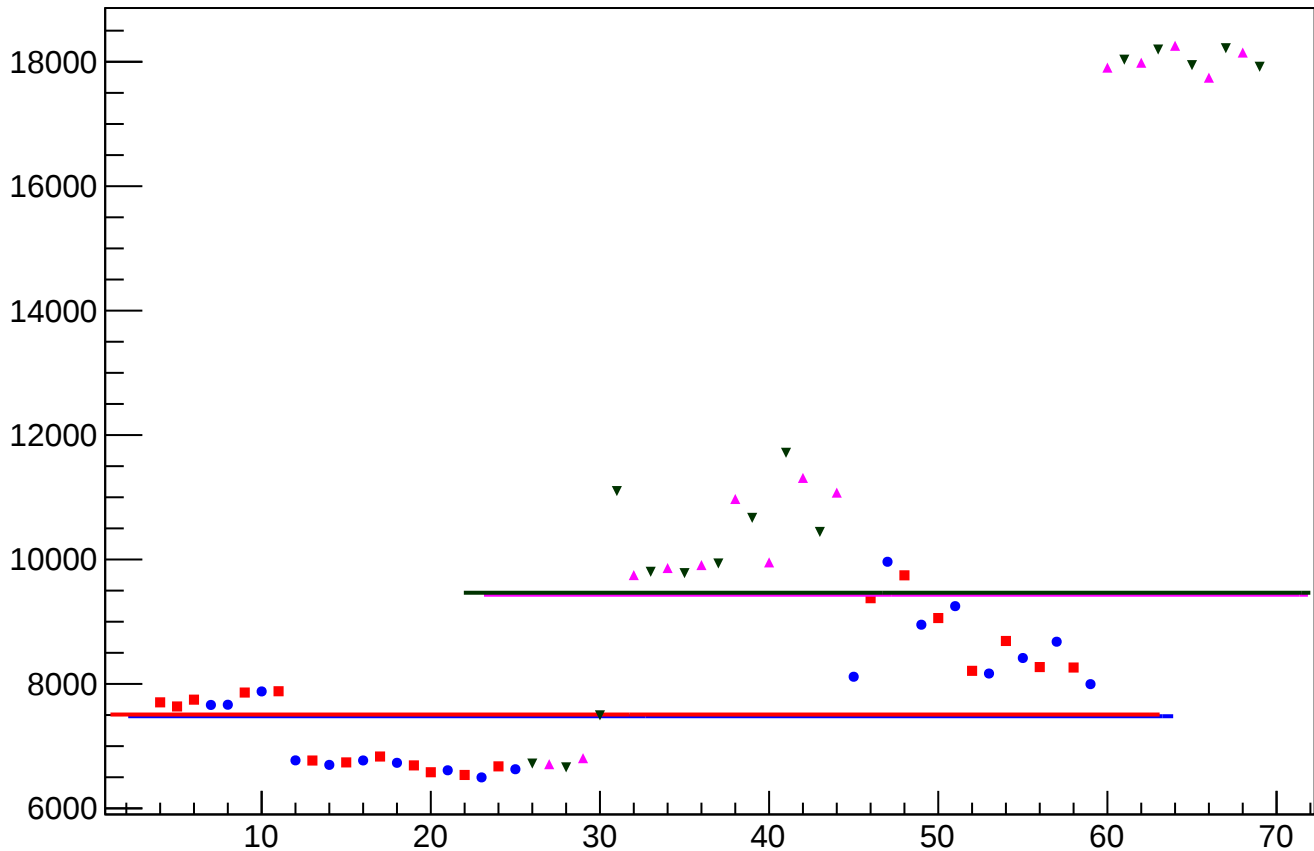
Right Out: -10.172 ± 2.389 χ^2/NDF : 33.7/18

Left In: -2.906 ± 3.480 χ^2/NDF : 18.0/13

-15.181 ± 1.902 χ^2/NDF : 114.0/32

-7.844 ± 1.970 χ^2/NDF : 54.6/32

diff_bpm0l04X_rms vs slug



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

Left Out: 9465.620+/-2.539 χ^2/NDF :1702192.6/14

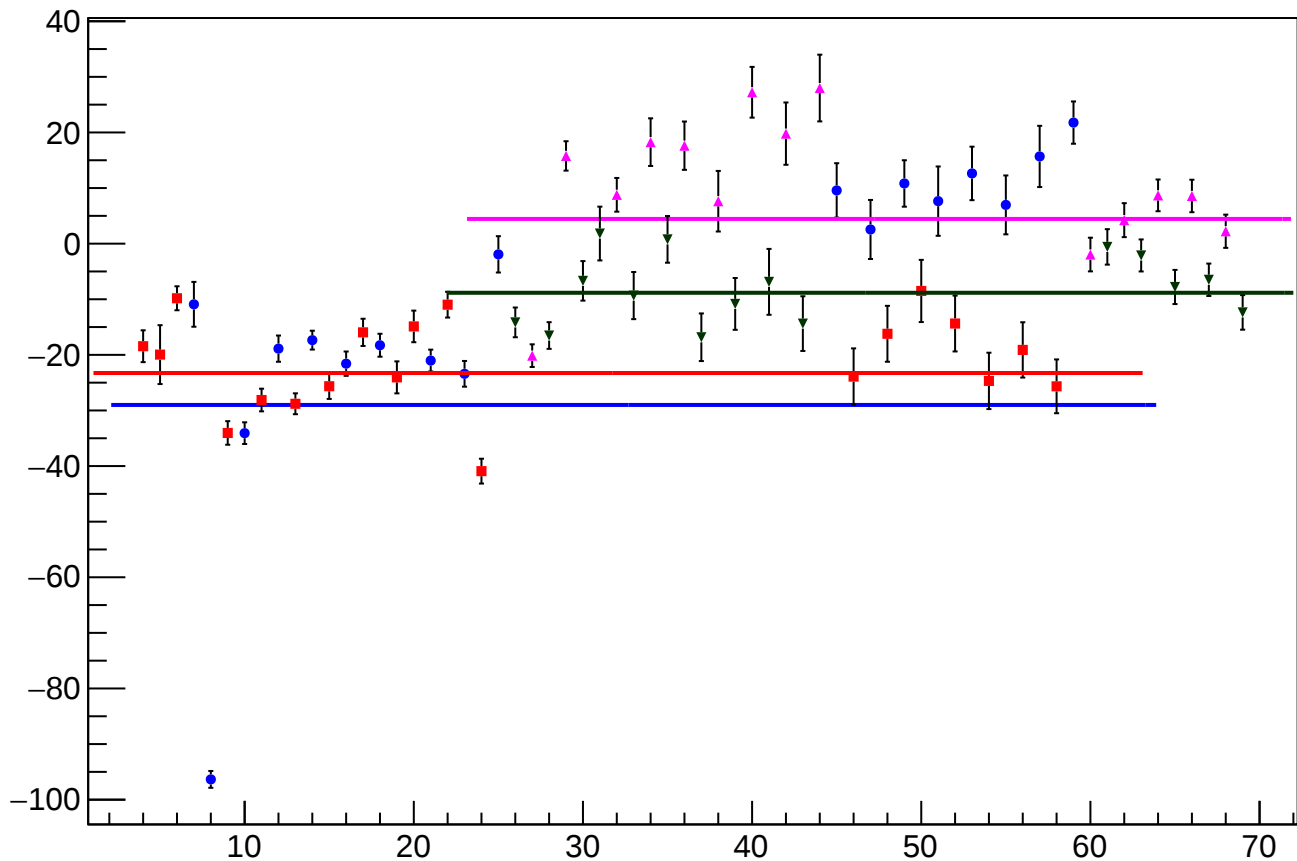
Right Out: 7508.240+/-1.689 χ^2/NDF : 289453.4/18

Left In: 9433.624+/-2.461 χ^2/NDF :1796170.5/13

8037.325+/-1.345 χ^2/NDF : 2476746.5/32

8125.042+/-1.393 χ^2/NDF : 2501773.7/32

diff_bpm0l04Y_mean vs slug



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

Left Out: -8.834+/-0.889 χ^2/NDF : 43.9/14

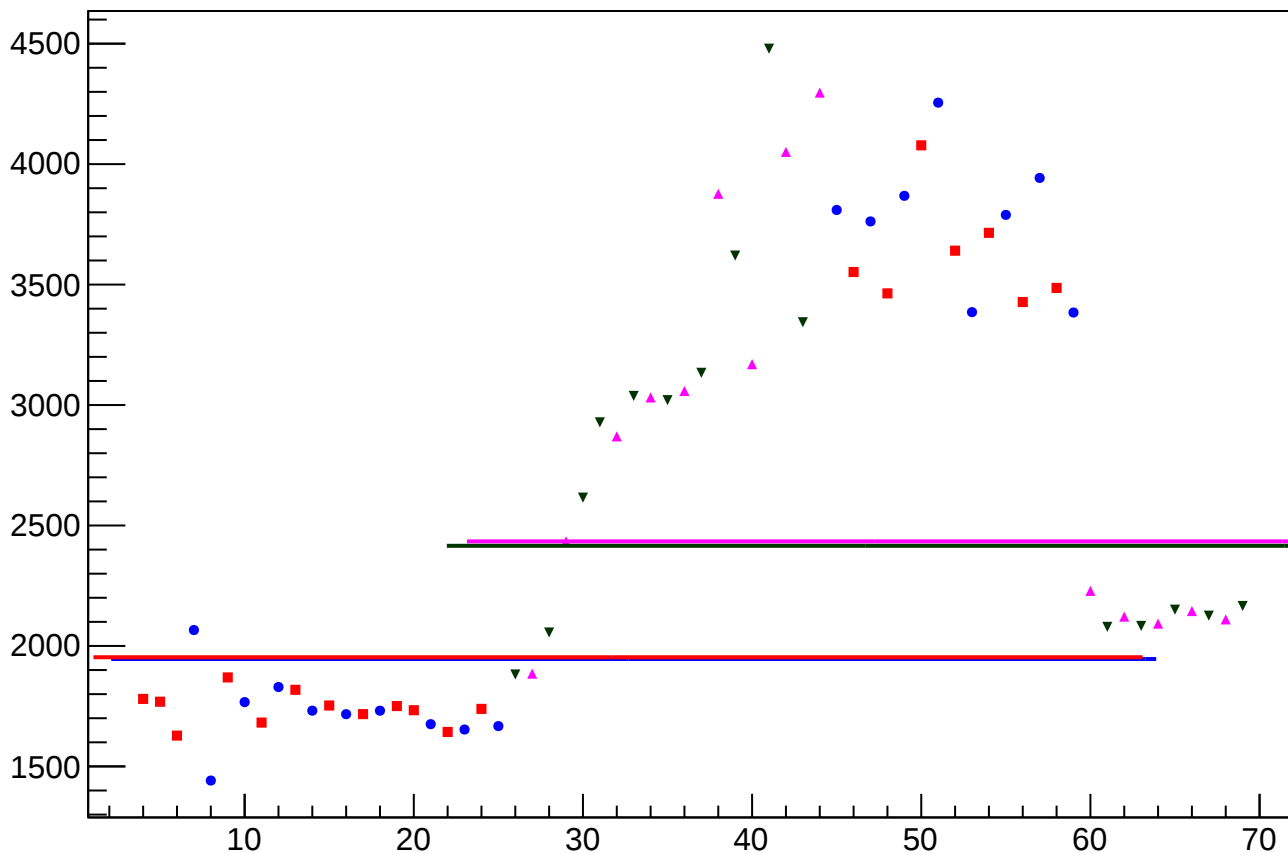
Right Out: -23.263+/-0.648 χ^2/NDF : 204.8/18

Left In: 4.447+/-0.874 χ^2/NDF : 243.0/13

-22.433+/-0.508 χ^2/NDF : 3182.8/32

-13.432+/-0.520 χ^2/NDF : 1096.6/32

diff_bpm0l04Y_rms vs slug



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

Left Out: 2415.698+/-0.629 χ^2/NDF : 838434.5/14

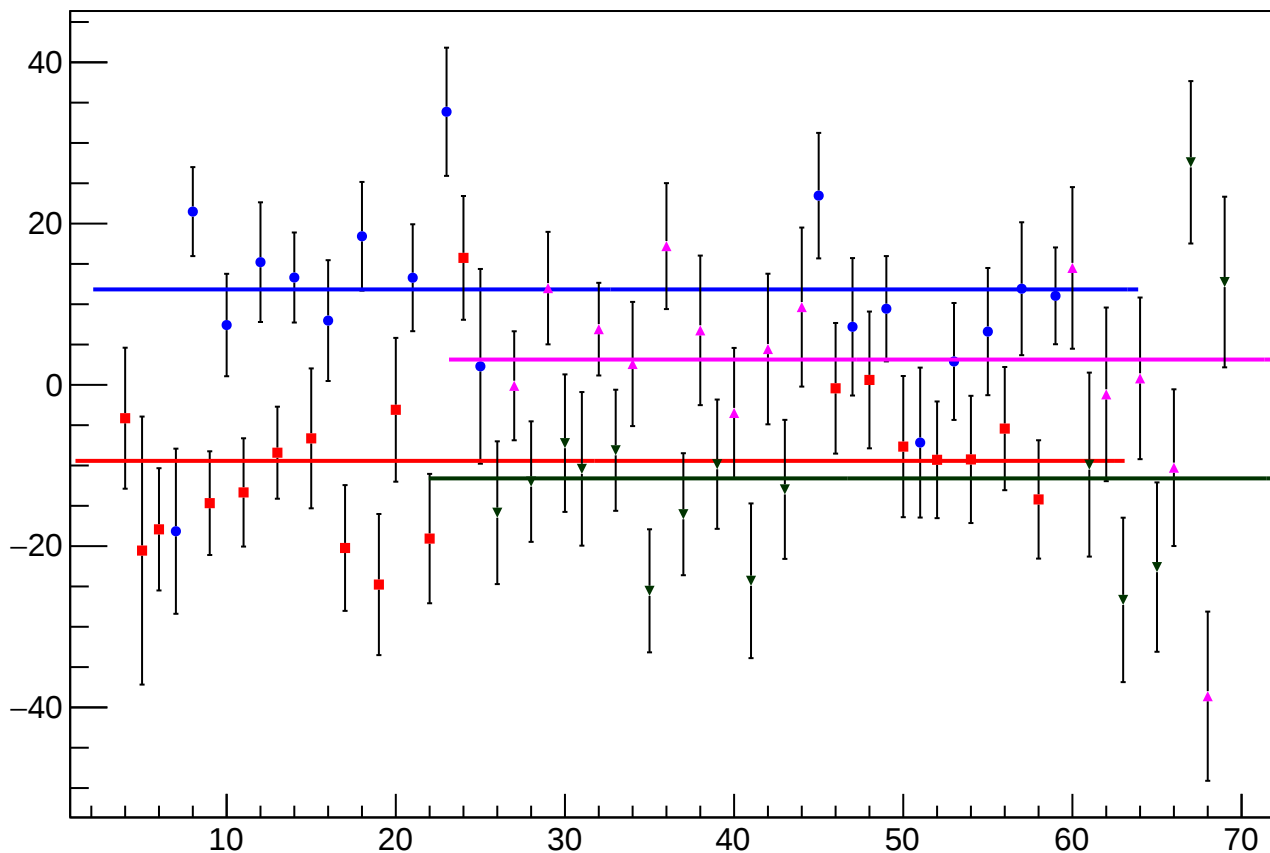
Right Out: 1953.157+/-0.458 χ^2/NDF : 1725858.1/18

Left In: 2434.067+/-0.618 χ^2/NDF : 920043.5/13

2098.967+/-0.359 χ^2/NDF : 3814218.1/32

2123.775+/-0.368 χ^2/NDF : 3036772.2/32

diff_bpm0l05X_mean vs slug



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

Left Out: -11.598 $\pm$ 2.277 χ^2 /NDF: 30.0/14

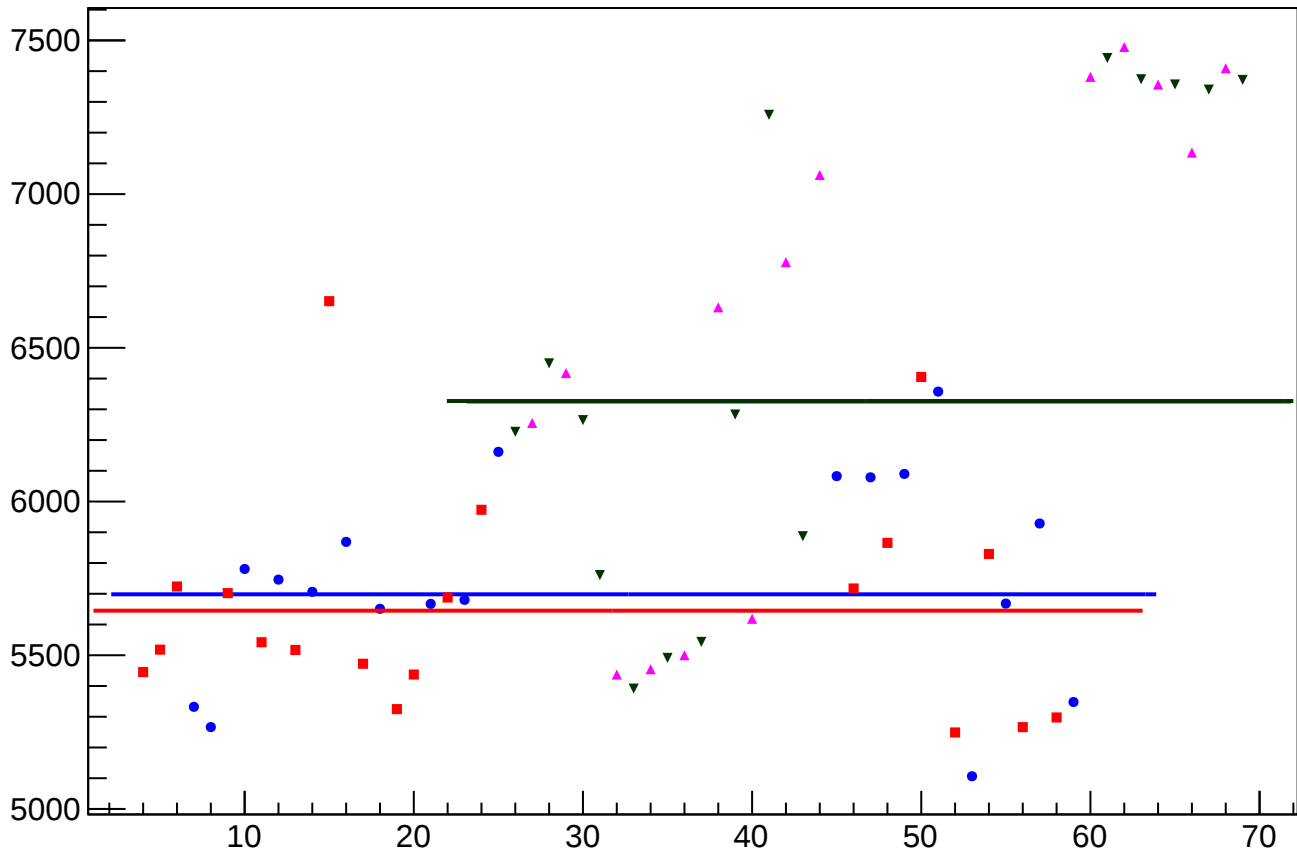
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: 3.140 $\pm$ 2.220 χ^2 /NDF: 26.0/13

3.443 $\pm$ 1.363 χ^2 /NDF: 128.7/32

-4.474 $\pm$ 1.393 χ^2 /NDF: 69.7/32

diff_bpm0l05X_rms vs slug



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

Left Out: 6326.964+/-1.610 χ^2/NDF : 207691.8/14

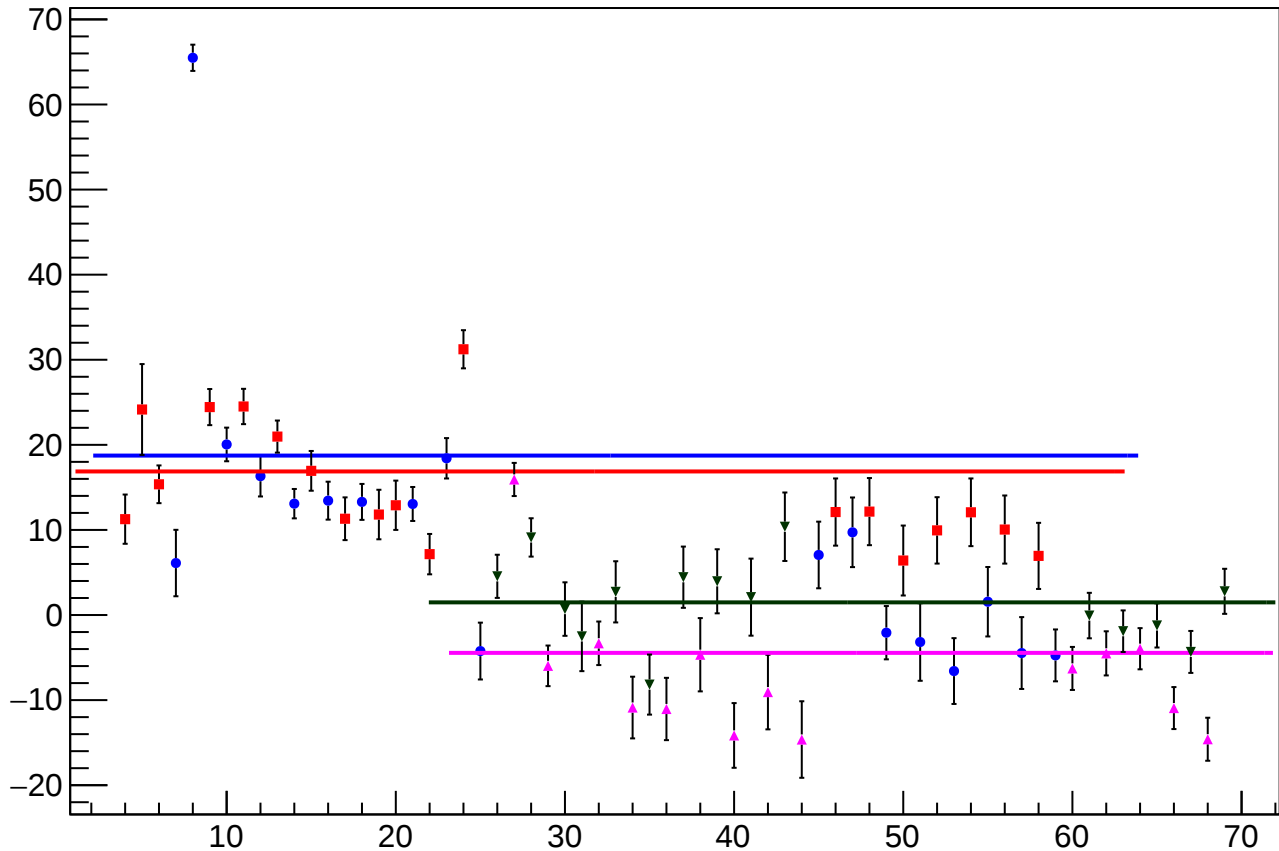
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6324.802+/-1.570 χ^2/NDF : 231226.5/13

5923.452+/-0.964 χ^2/NDF : 372762.3/32

5912.863+/-0.985 χ^2/NDF : 416369.5/32

diff_bpm0l05Y_mean vs slug



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

Left Out: 1.487+/-0.769 χ^2/NDF : 36.7/14

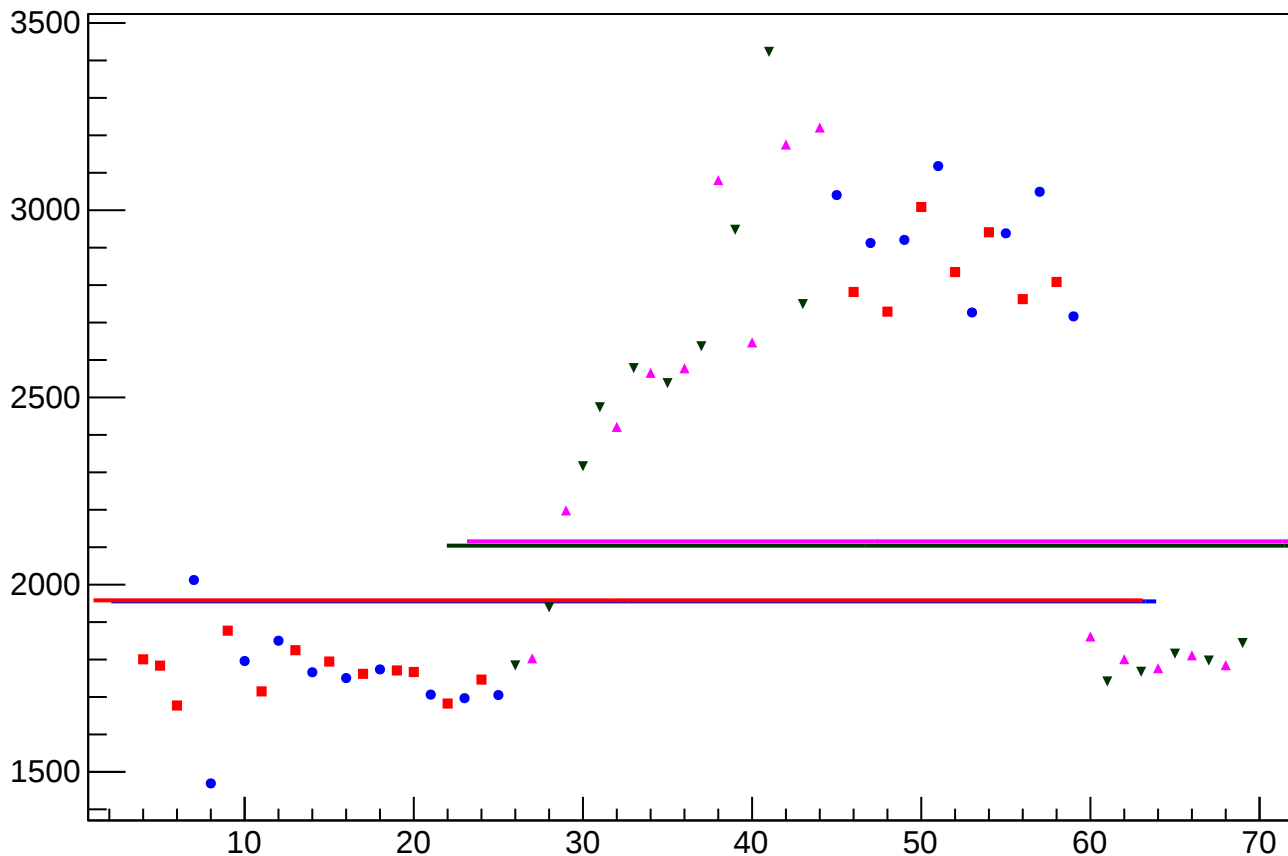
Right Out: 16.874+/-0.633 χ^2/NDF : 128.0/18

Left In: -4.448+/-0.753 χ^2/NDF : 152.8/13

12.183+/-0.474 χ^2/NDF : 1590.5/32

8.042+/-0.485 χ^2/NDF : 750.4/32

diff_bpm0l05Y_rms vs slug



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

Left Out: 2104.198+/-0.543 χ^2/NDF : 648164.1/14

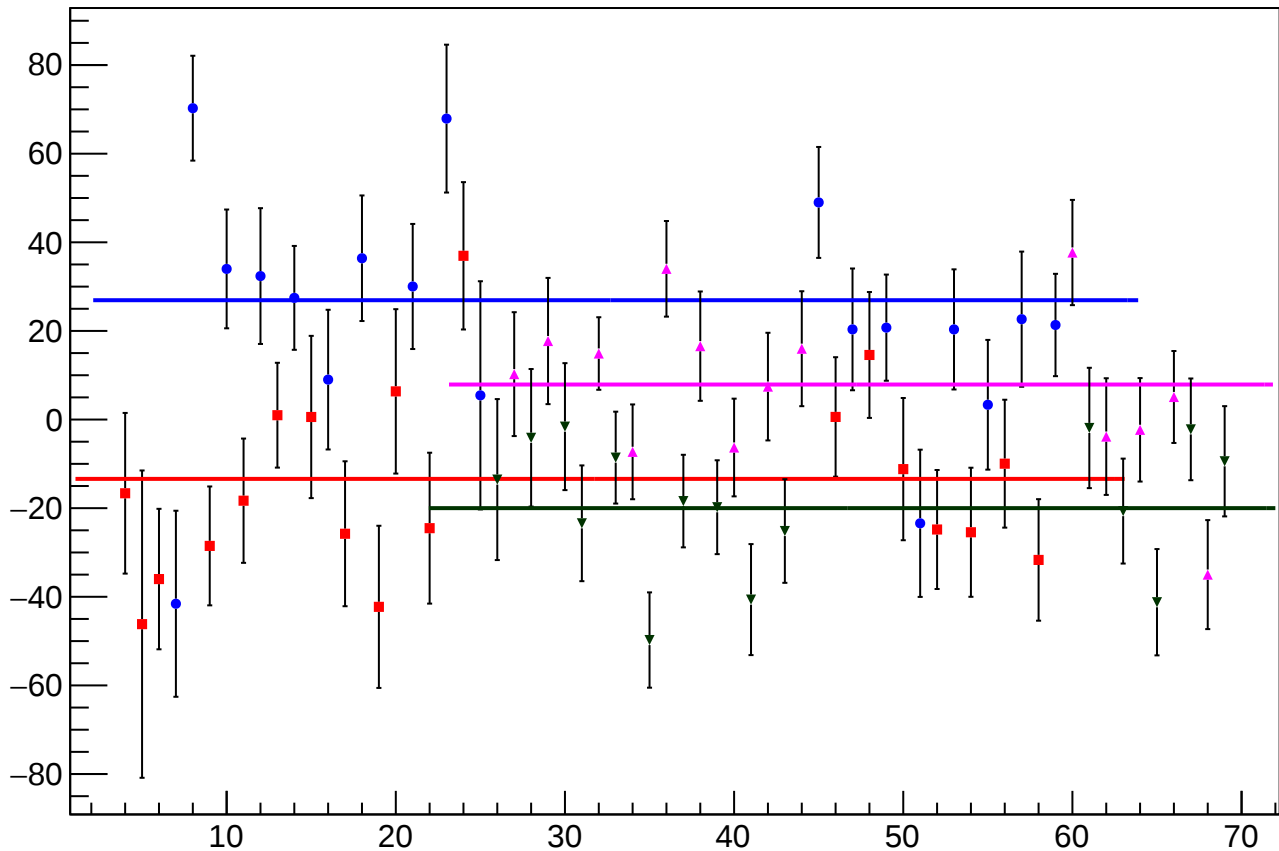
Right Out: 1958.115+/-0.448 χ^2/NDF : 858074.3/18

Left In: 2115.837+/-0.532 χ^2/NDF : 675729.5/13

2011.922+/-0.335 χ^2/NDF : 2070347.0/32

2023.446+/-0.343 χ^2/NDF : 1585200.3/32

diff_bpm0l06X_mean vs slug



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

Left Out: -19.994 ± 3.144 χ^2/NDF : 22.7/14

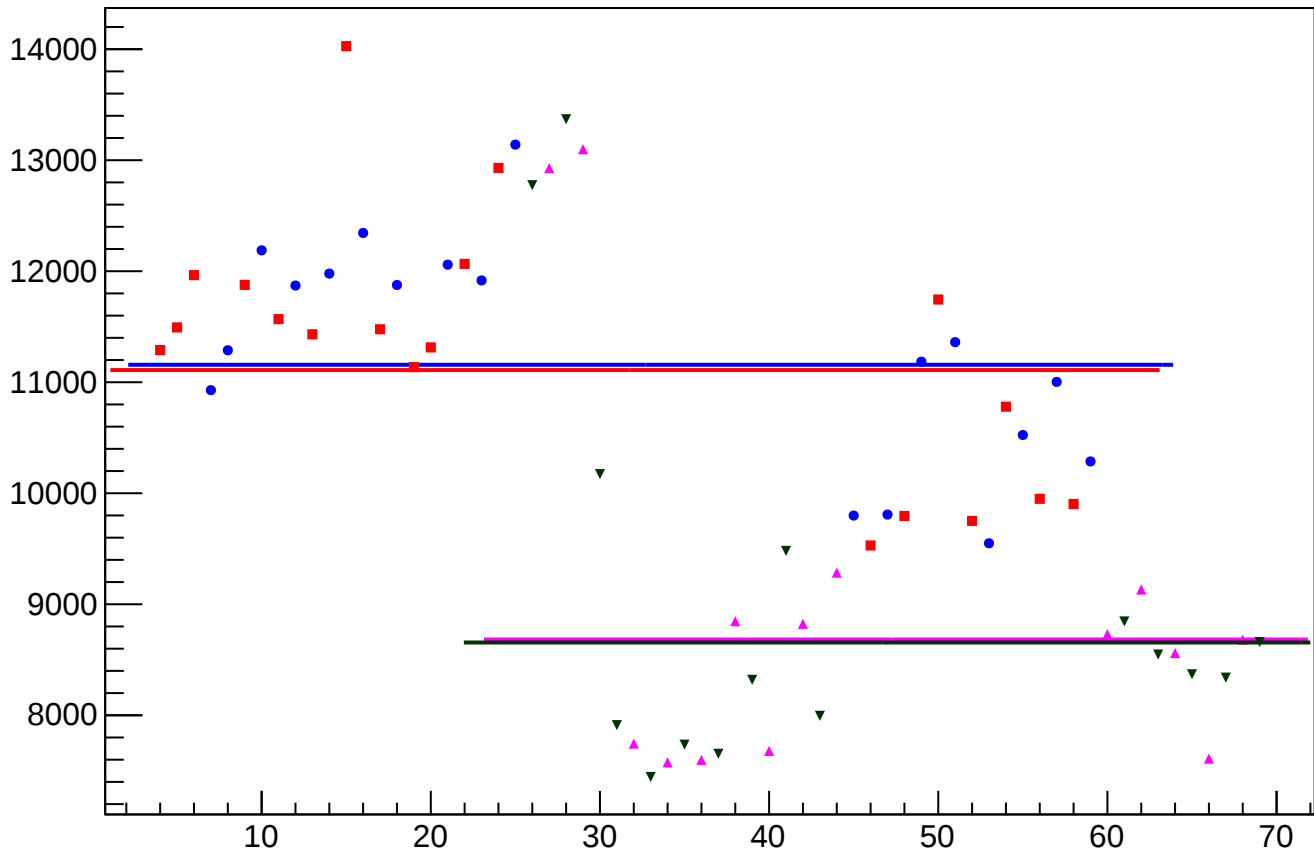
Right Out: -13.392 ± 3.535 χ^2/NDF : 28.4/18

Left In: 7.903 ± 3.073 χ^2/NDF : 31.7/13

2.073 ± 2.288 χ^2/NDF : 176.4/32

-1.263 ± 2.319 χ^2/NDF : 80.8/32

diff_bpm0l06X_rms vs slug



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

Left Out: 8655.639 $\pm$ 2.223 χ^2 /NDF:396846.8/14

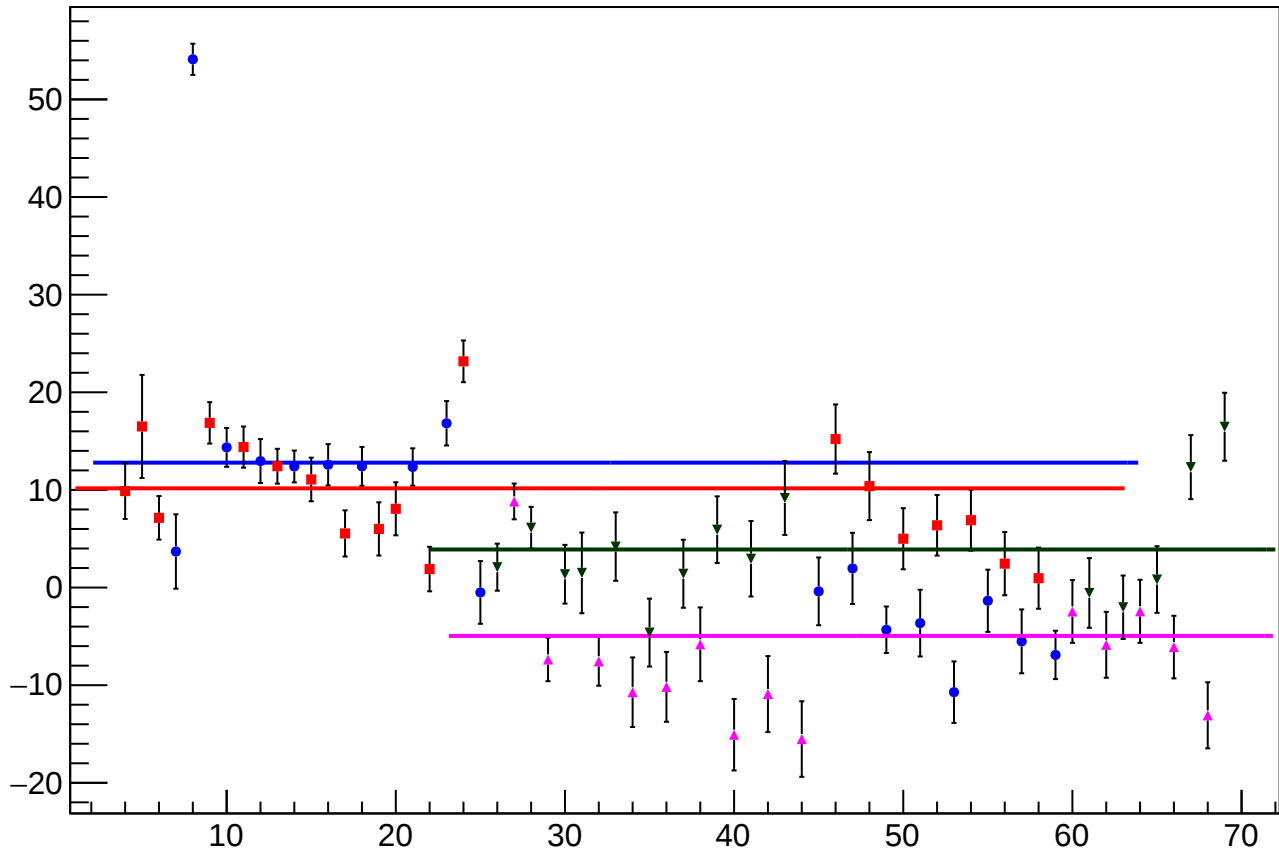
9832.071 $\pm$ 1.618 χ^2 /NDF: 1146111.0/32

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

9727.365 $\pm$ 1.640 χ^2 /NDF: 1223539.9/32

Left In: 8682.635 $\pm$ 2.173 χ^2 /NDF:490102.5/13

diff_bpm0l06Y_mean vs slug



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

Left Out: 3.898 $\pm$ 0.826 χ^2 /NDF: 36.9/14

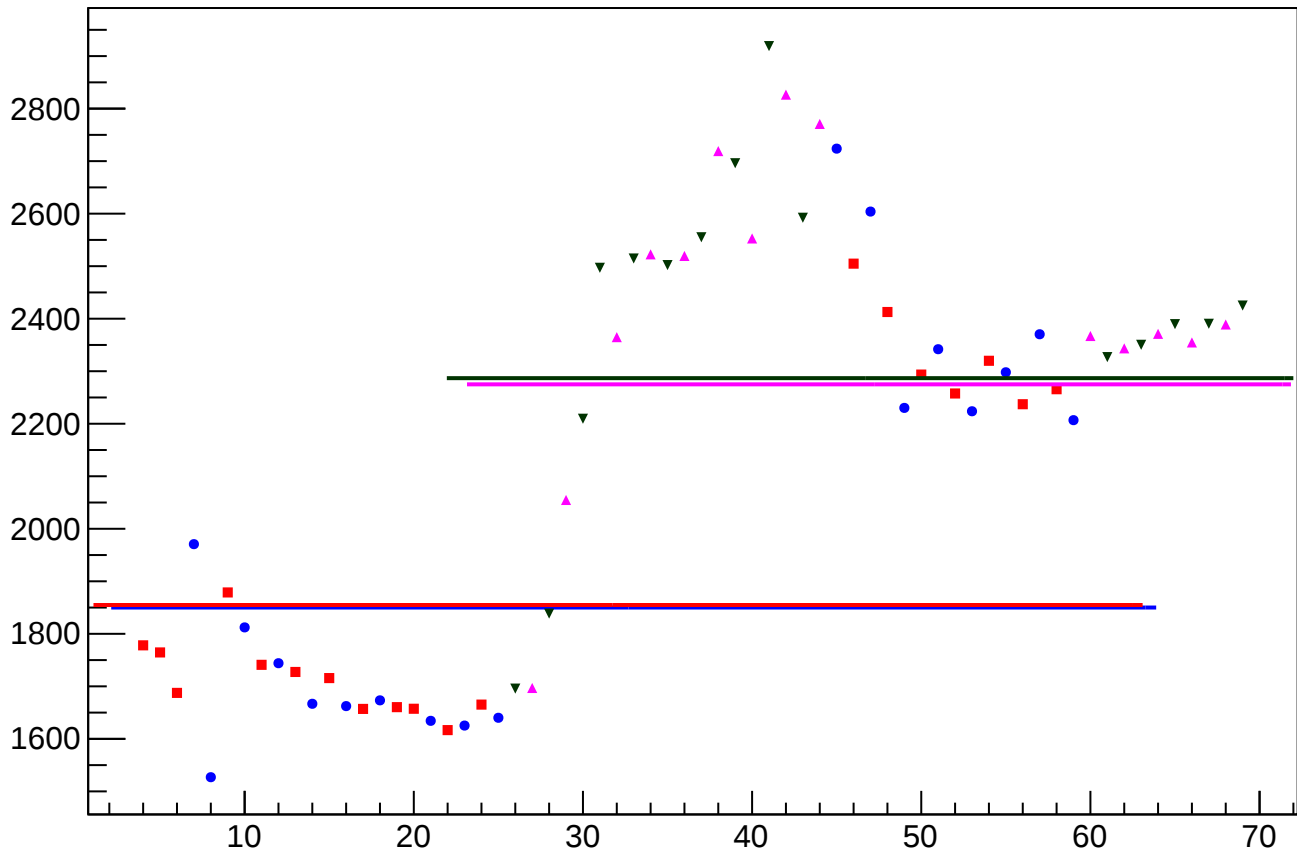
Right Out: 10.162 $\pm$ 0.592 χ^2 /NDF: 97.7/18

Left In: -4.951 $\pm$ 0.801 χ^2 /NDF: 88.2/13

10.002 $\pm$ 0.463 χ^2 /NDF: 1077.5/32

4.819 $\pm$ 0.476 χ^2 /NDF: 416.0/32

diff_bpm0l06Y_rms vs slug



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

Left Out: 2286.785+/-0.584 χ^2/NDF : 346210.0/14

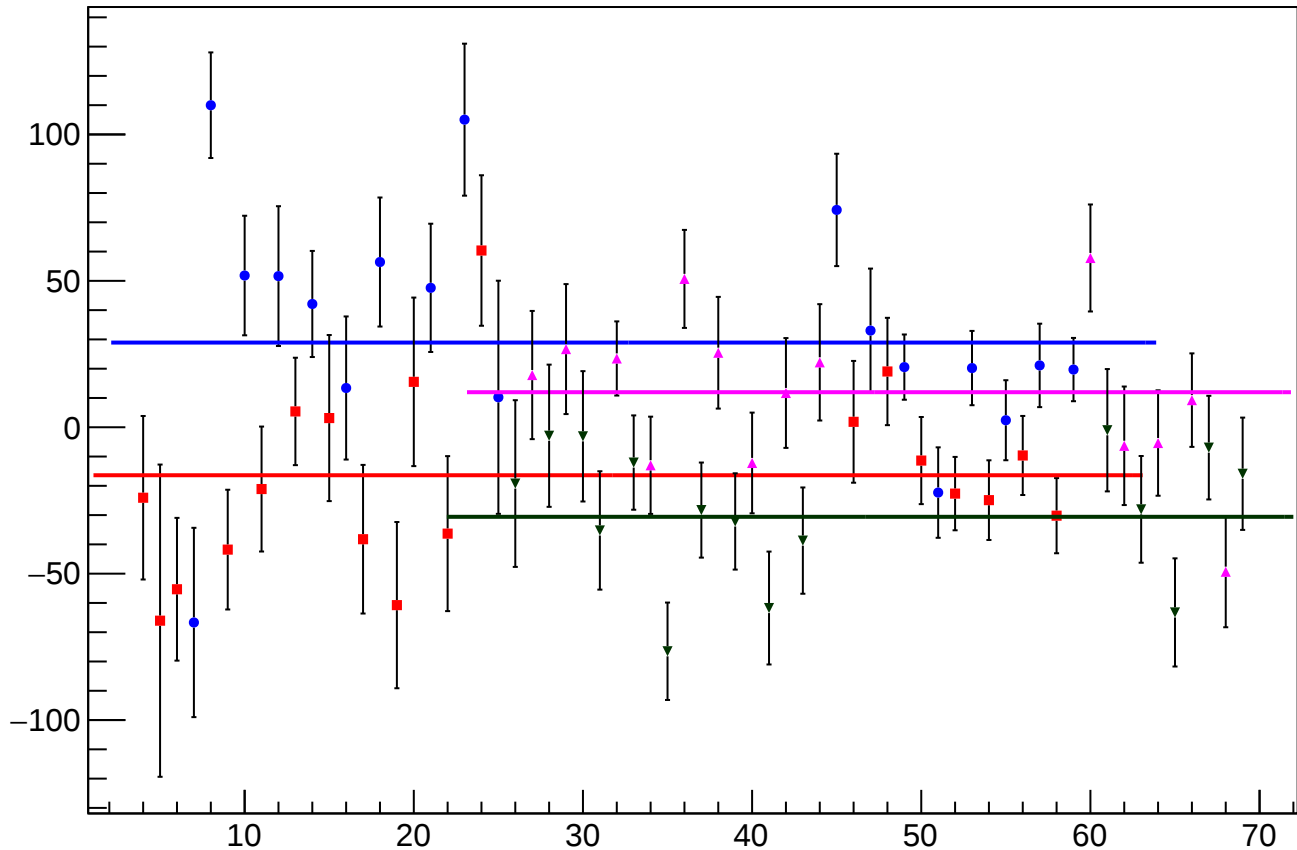
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2274.988+/-0.566 χ^2/NDF : 359987.2/13

1987.153+/-0.327 χ^2/NDF : 1392476.8/32

2003.366+/-0.337 χ^2/NDF : 1123602.4/32

diff_bpm0l07X_mean vs slug



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

Left Out: -30.585 ± 4.866 $\chi^2/\text{NDF}: 22.3/14$

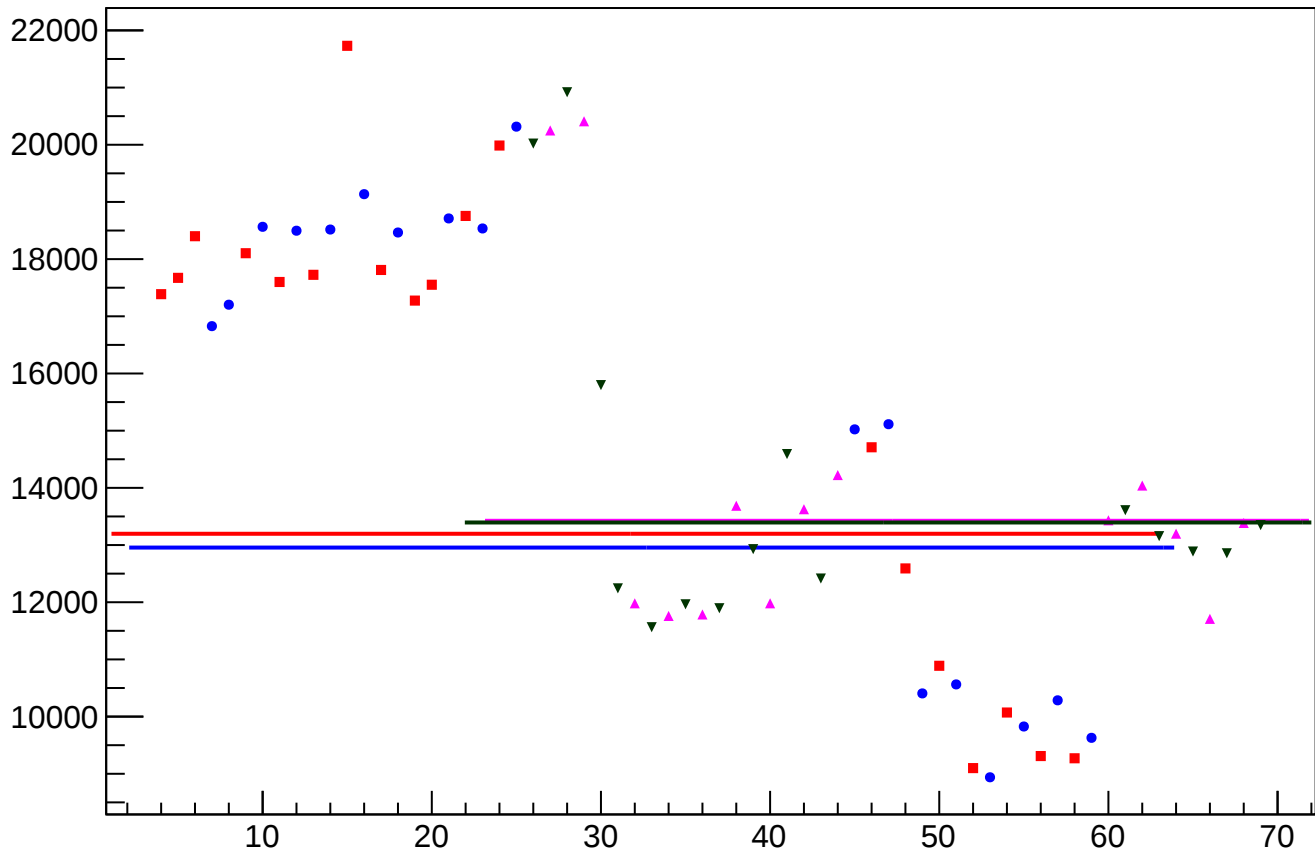
Right Out: -16.388 ± 4.377 $\chi^2/\text{NDF}: 27.5/18$

Left In: 11.972 ± 4.752 $\chi^2/\text{NDF}: 30.2/13$

4.678 ± 3.106 $\chi^2/\text{NDF}: 176.6/32$

-3.372 ± 3.220 $\chi^2/\text{NDF}: 77.0/32$

diff_bpm0l07X_rms vs slug



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

Left Out: 13394.636+/-3.441 χ^2/NDF : 406887.9/14

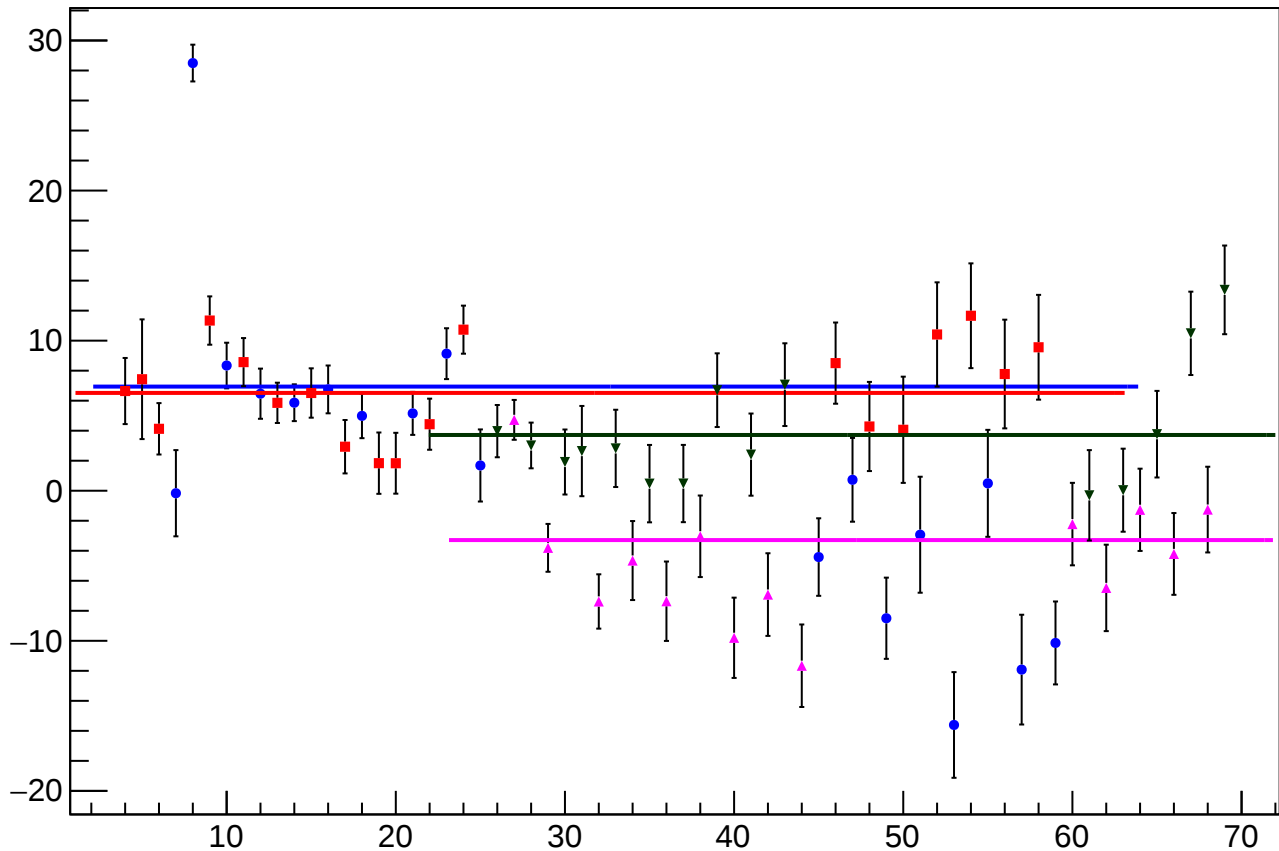
13134.661+/-2.196 χ^2/NDF : 2317155.2/32

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

13301.286+/-2.277 χ^2/NDF : 2271148.5/32

Left In: 13424.004+/-3.360 χ^2/NDF : 500930.9/13

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.715 ± 0.623 χ^2/NDF : 27.7/14

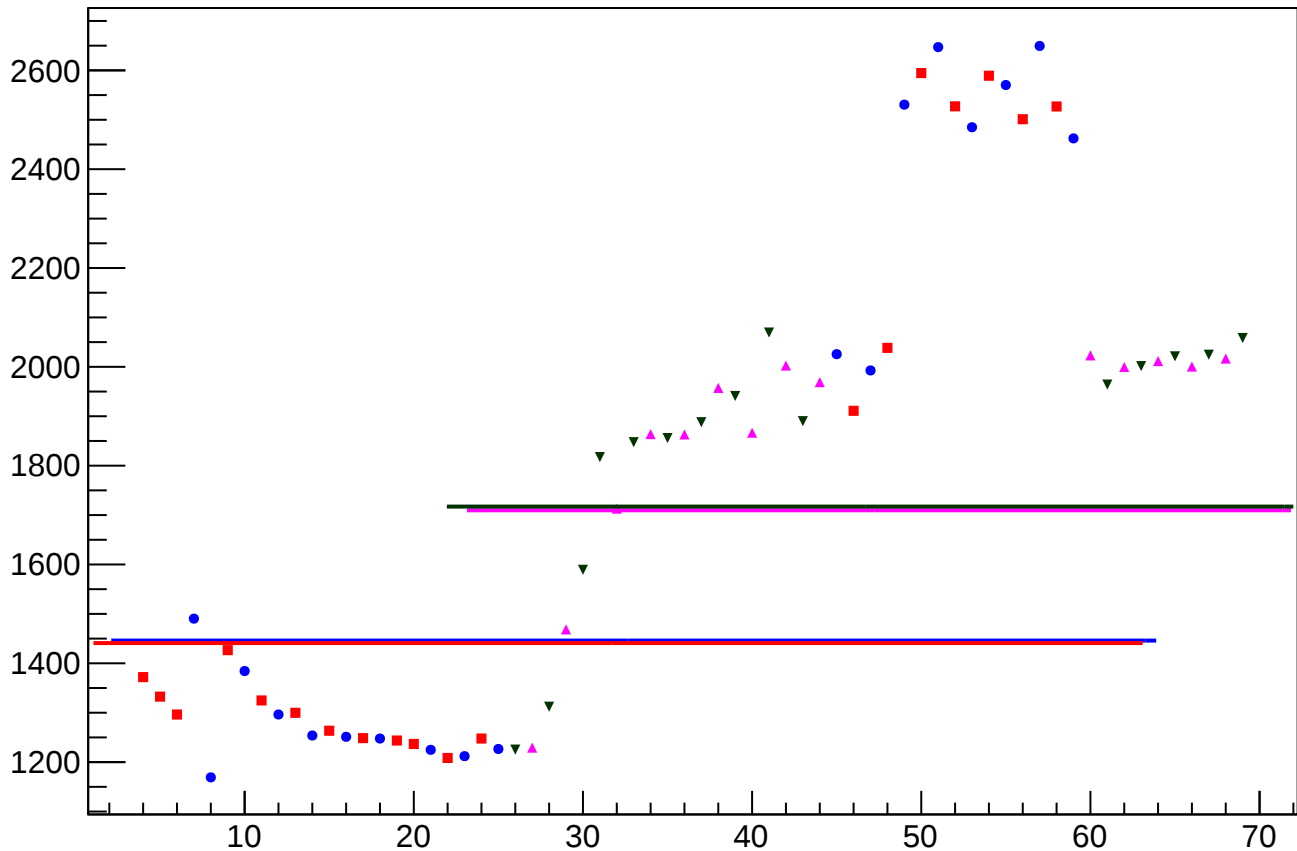
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -3.288 ± 0.605 χ^2/NDF : 63.7/13

5.836 ± 0.365 χ^2/NDF : 544.9/32

2.808 ± 0.372 χ^2/NDF : 269.1/32

diff_bpm0l07Y_rms vs slug



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

Left Out: 1717.168+/-0.441 χ^2/NDF : 495476.9/14

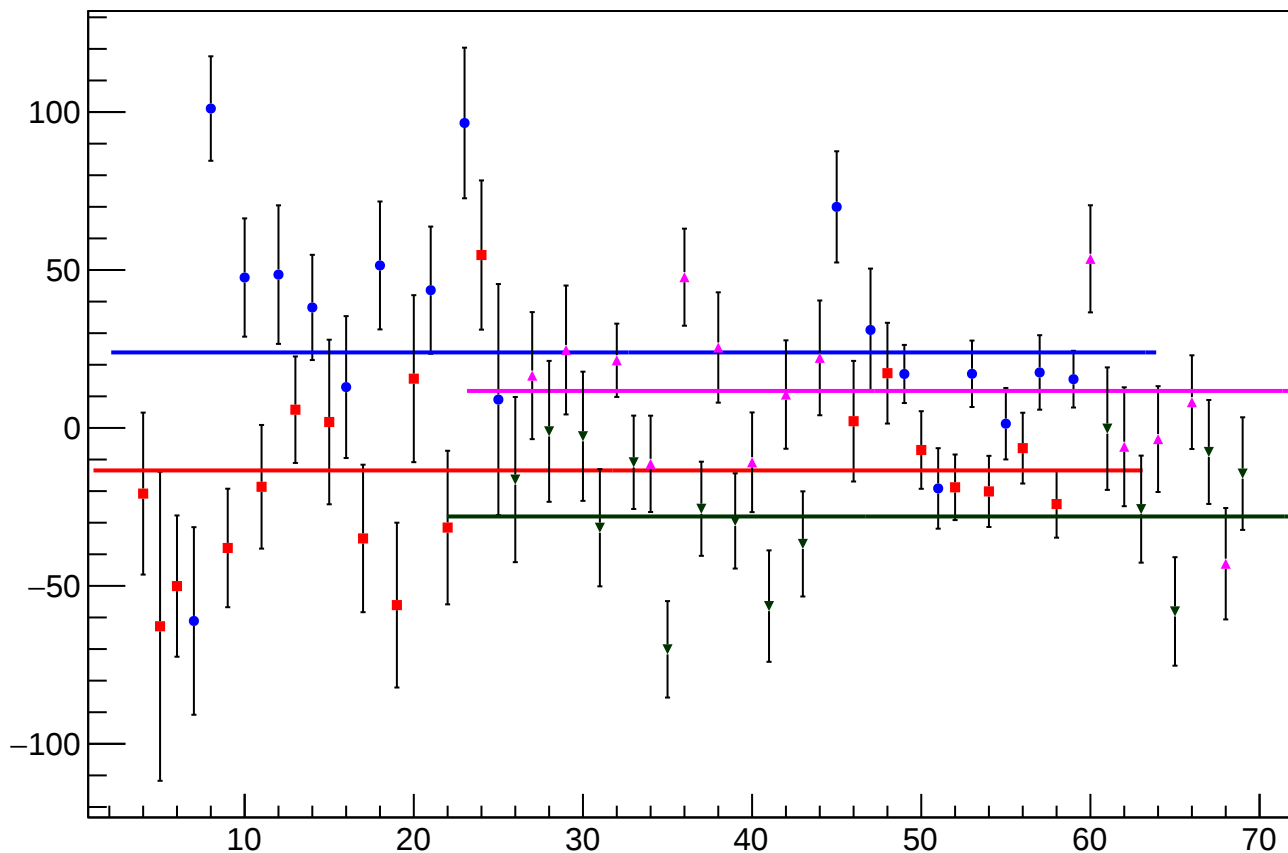
1538.793+/-0.258 χ^2/NDF : 2635850.5/32

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

1542.613+/-0.263 χ^2/NDF : 2080387.7/32

Left In: 1709.657+/-0.427 χ^2/NDF : 501562.2/13

diff_bpm0l08X_mean vs slug



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

Left Out: -28.026 $\pm$ 4.484 χ^2 /NDF: 22.3/14

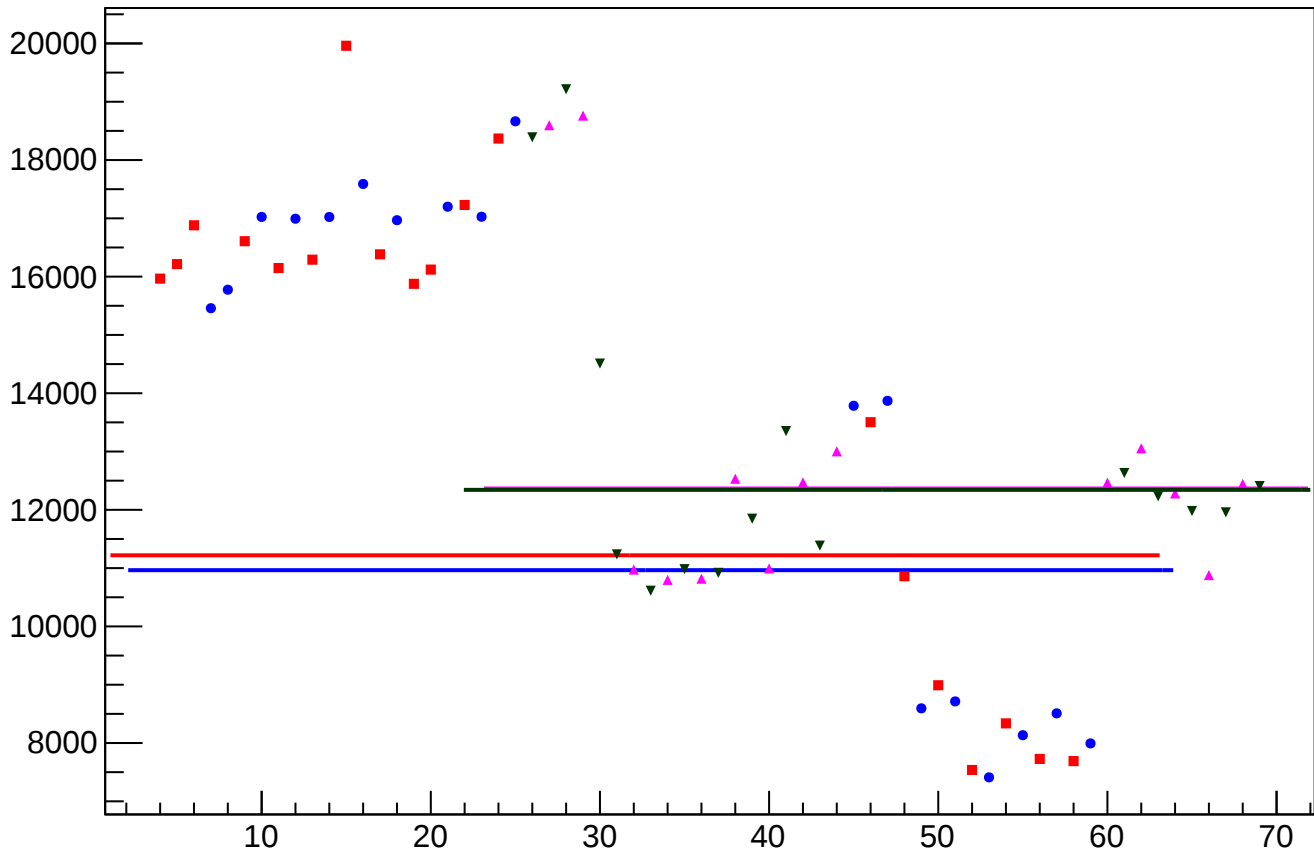
Right Out: -13.450 $\pm$ 3.783 χ^2 /NDF: 27.5/18

Left In: 11.716 $\pm$ 4.377 χ^2 /NDF: 29.4/13

4.456 $\pm$ 2.744 χ^2 /NDF: 176.8/32

-2.690 $\pm$ 2.862 χ^2 /NDF: 75.9/32

diff_bpm0l08X_rms vs slug



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

Left Out: 12342.689+/-3.171 χ^2/NDF : 405673.8/14

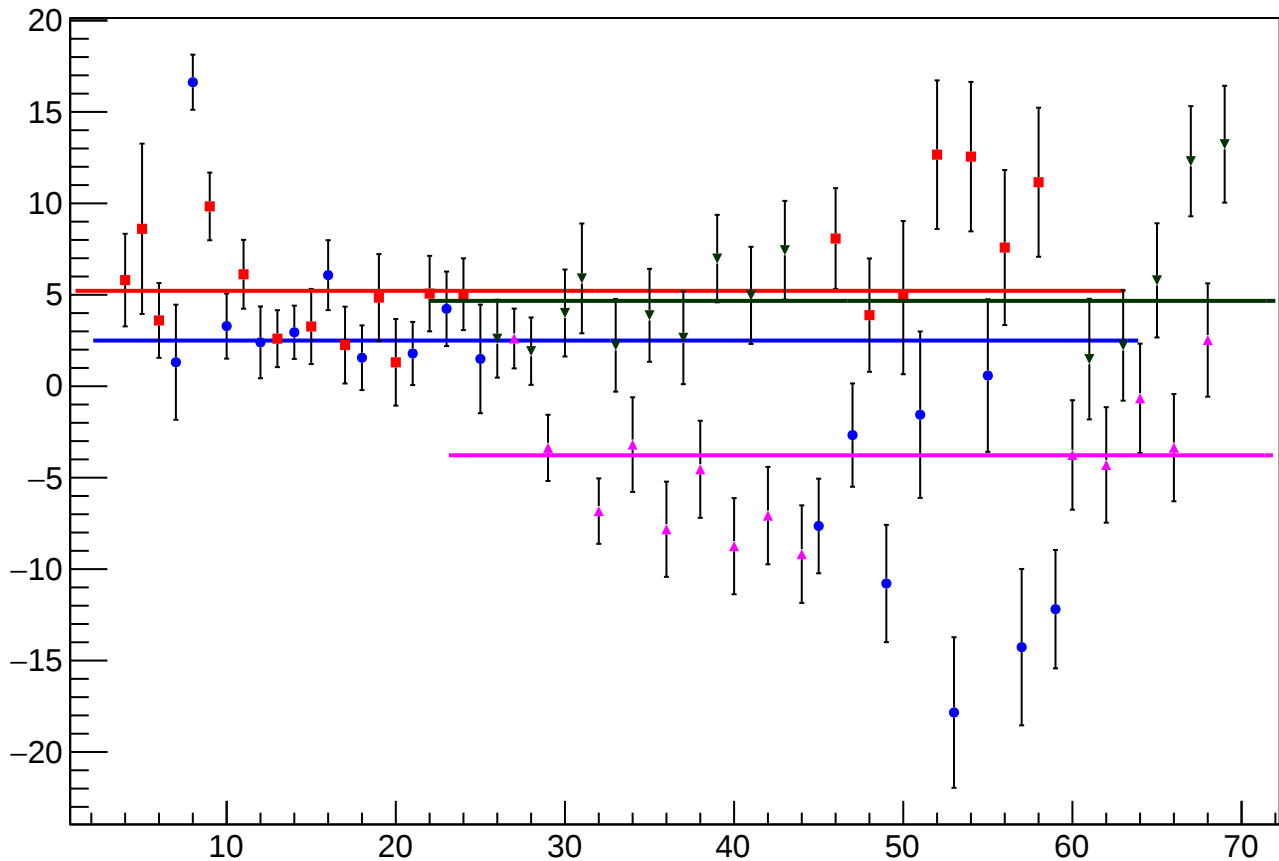
11480.856+/-1.940 χ^2/NDF : 3074643.4/32

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

11709.860+/-2.024 χ^2/NDF : 2921951.1/32

Left In: 12365.722+/-3.095 χ^2/NDF : 499563.1/13

diff_bpm0l08Y_mean vs slug



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

Left Out: 4.668 ± 0.669 χ^2/NDF : 22.4/14

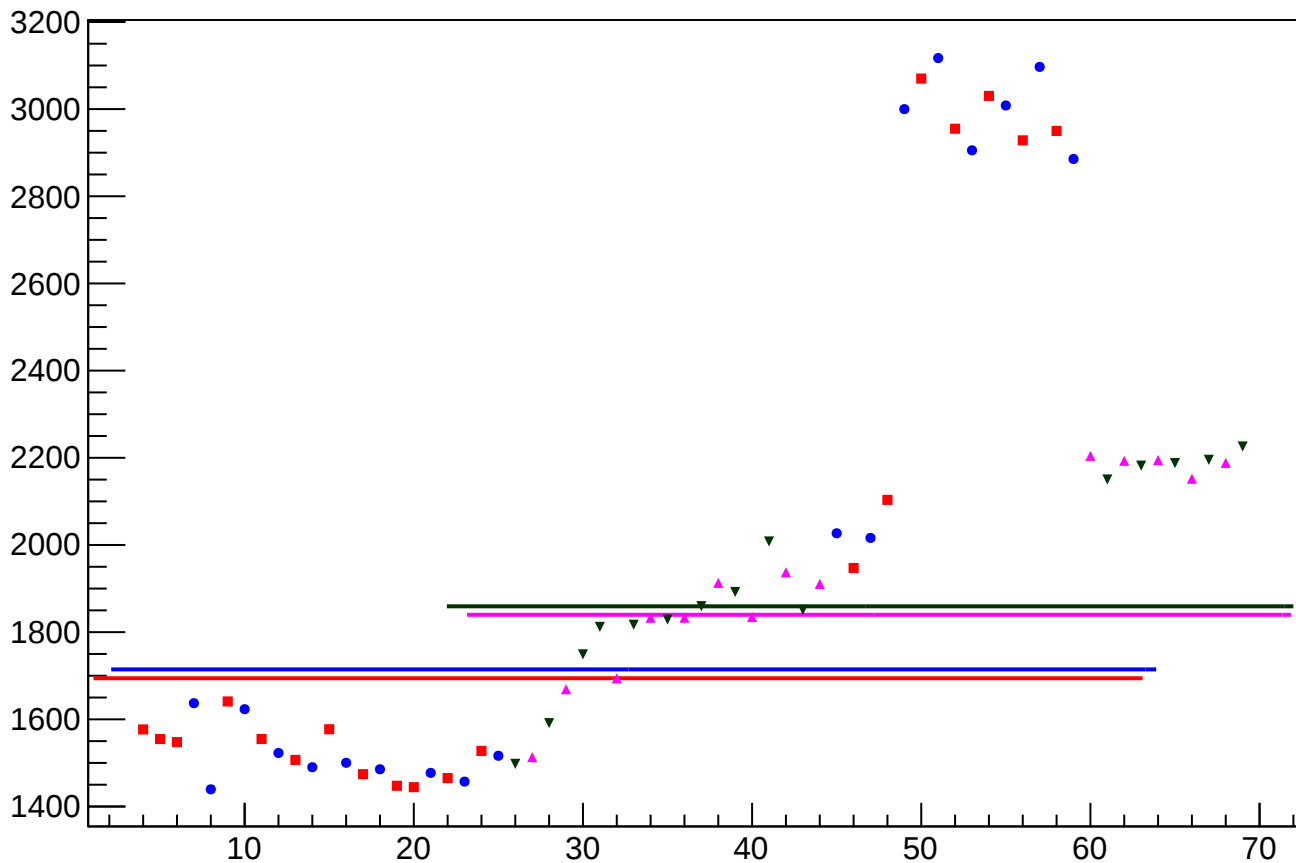
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -3.774 ± 0.645 χ^2/NDF : 35.3/13

3.336 ± 0.415 χ^2/NDF : 219.2/32

1.413 ± 0.420 χ^2/NDF : 173.7/32

diff_bpm0l08Y_rms vs slug



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

Left Out: 1859.288+/-0.473 χ^2/NDF : 224138.3/14

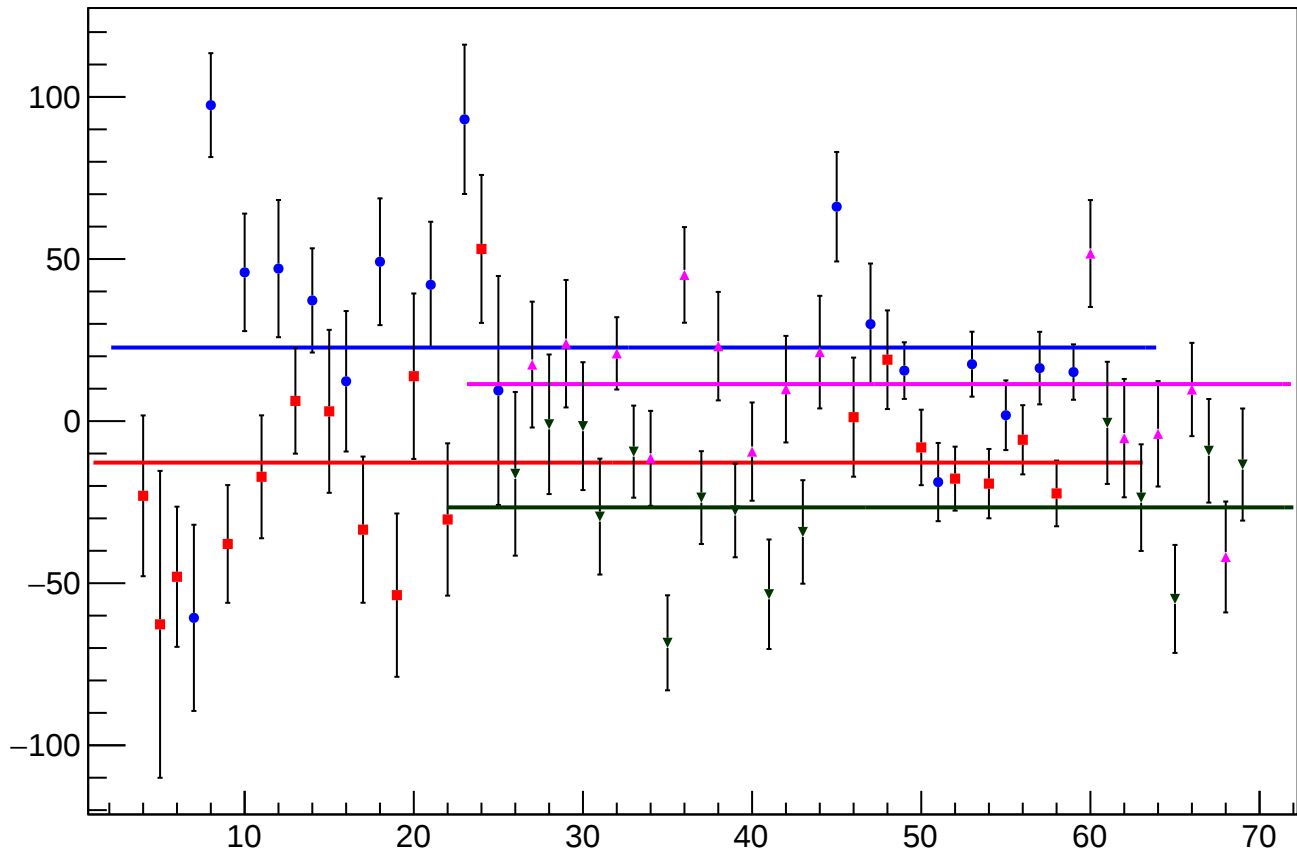
1770.412+/-0.294 χ^2/NDF : 1952423.1/32

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

1755.875+/-0.297 χ^2/NDF : 1508993.0/32

Left In: 1839.864+/-0.456 χ^2/NDF : 247512.8/13

diff_bpm0l09X_mean vs slug



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

Left Out: -26.613 ± 4.323 $\chi^2/\text{NDF}: 22.2/14$

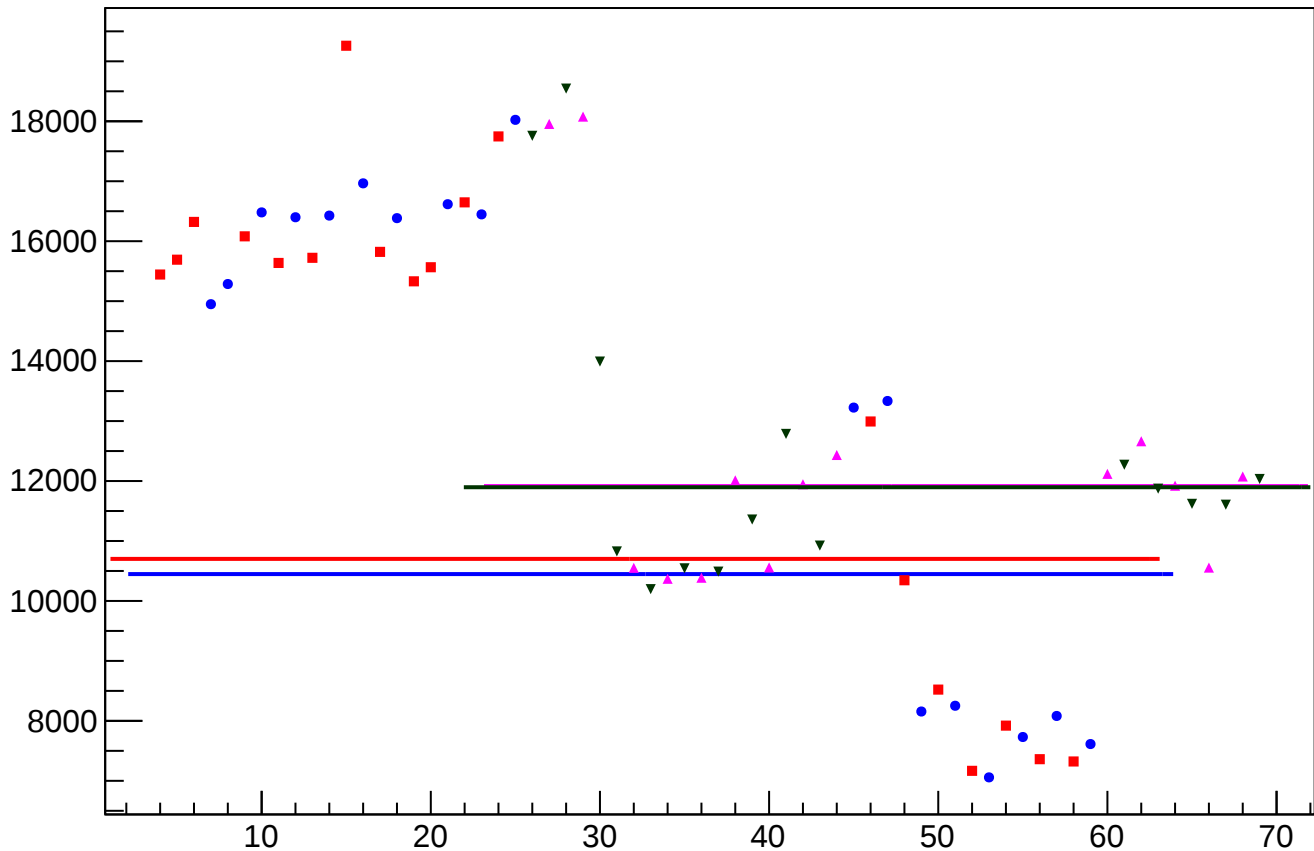
Right Out: -12.799 ± 3.618 $\chi^2/\text{NDF}: 28.2/18$

Left In: 11.427 ± 4.219 $\chi^2/\text{NDF}: 29.0/13$

4.437 ± 2.630 $\chi^2/\text{NDF}: 175.1/32$

-2.532 ± 2.746 $\chi^2/\text{NDF}: 76.2/32$

diff_bpm0l09X_rms vs slug



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

Left Out: 11896.631+/-3.057 χ^2/NDF : 411136.2/14

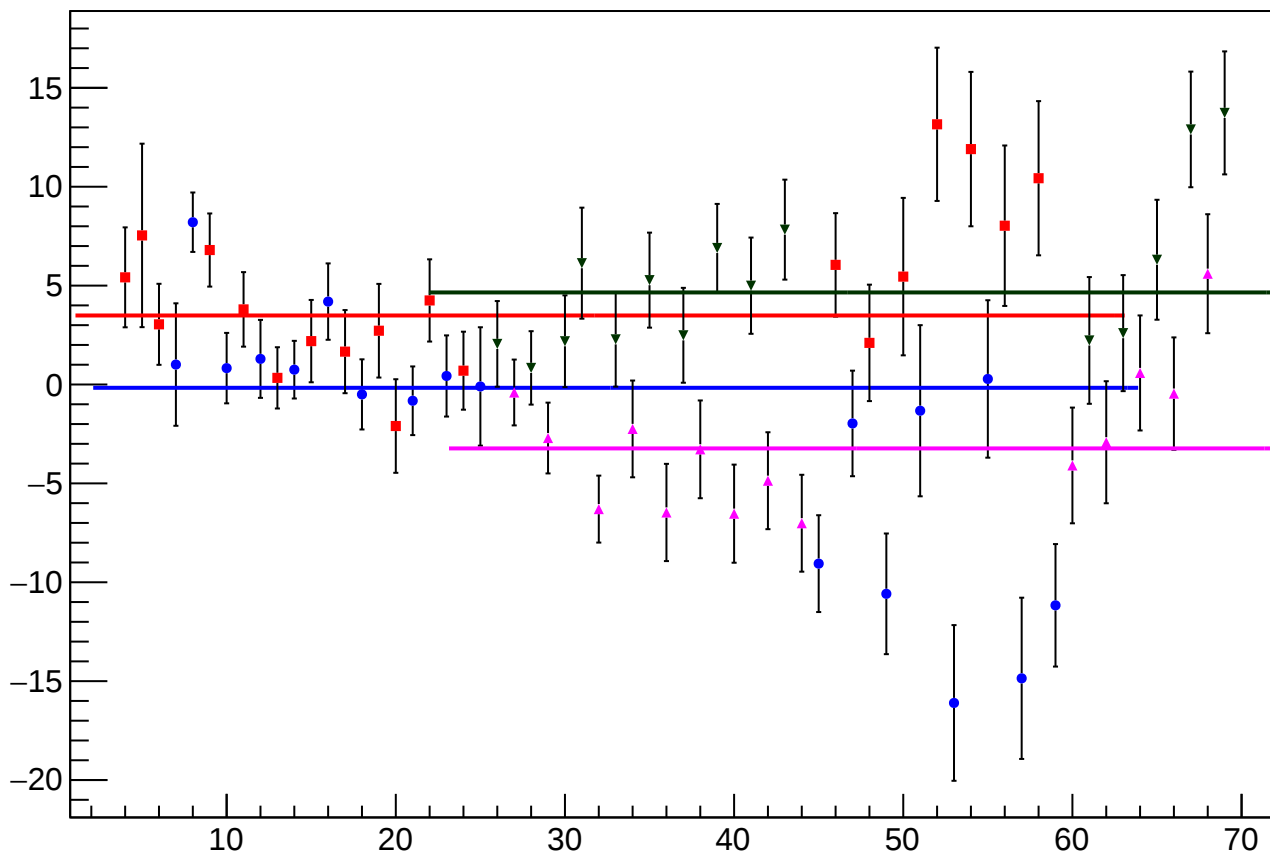
10984.556+/-1.860 χ^2/NDF : 3207204.1/32

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

11216.517+/-1.942 χ^2/NDF : 3037429.8/32

Left In: 11916.753+/-2.983 χ^2/NDF : 503306.5/13

diff_bpm0l09Y_mean vs slug



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

Left Out: 4.655 ± 0.644 $\chi^2/\text{NDF}: 29.4/14$

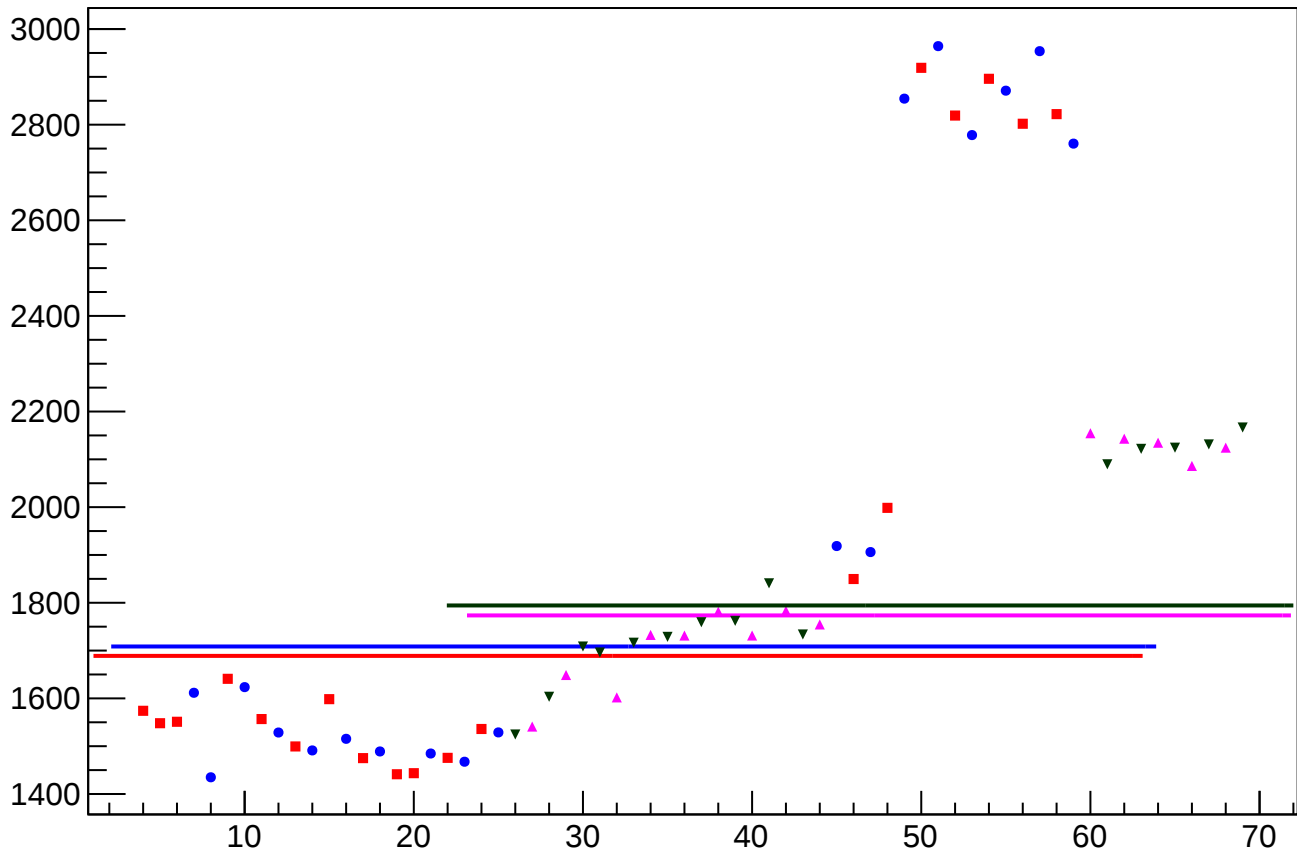
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -3.232 ± 0.622 $\chi^2/\text{NDF}: 24.1/13$

1.760 ± 0.407 $\chi^2/\text{NDF}: 168.2/32$

0.544 ± 0.411 $\chi^2/\text{NDF}: 124.3/32$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1794.374+/-0.456 χ^2/NDF :184559.5/14

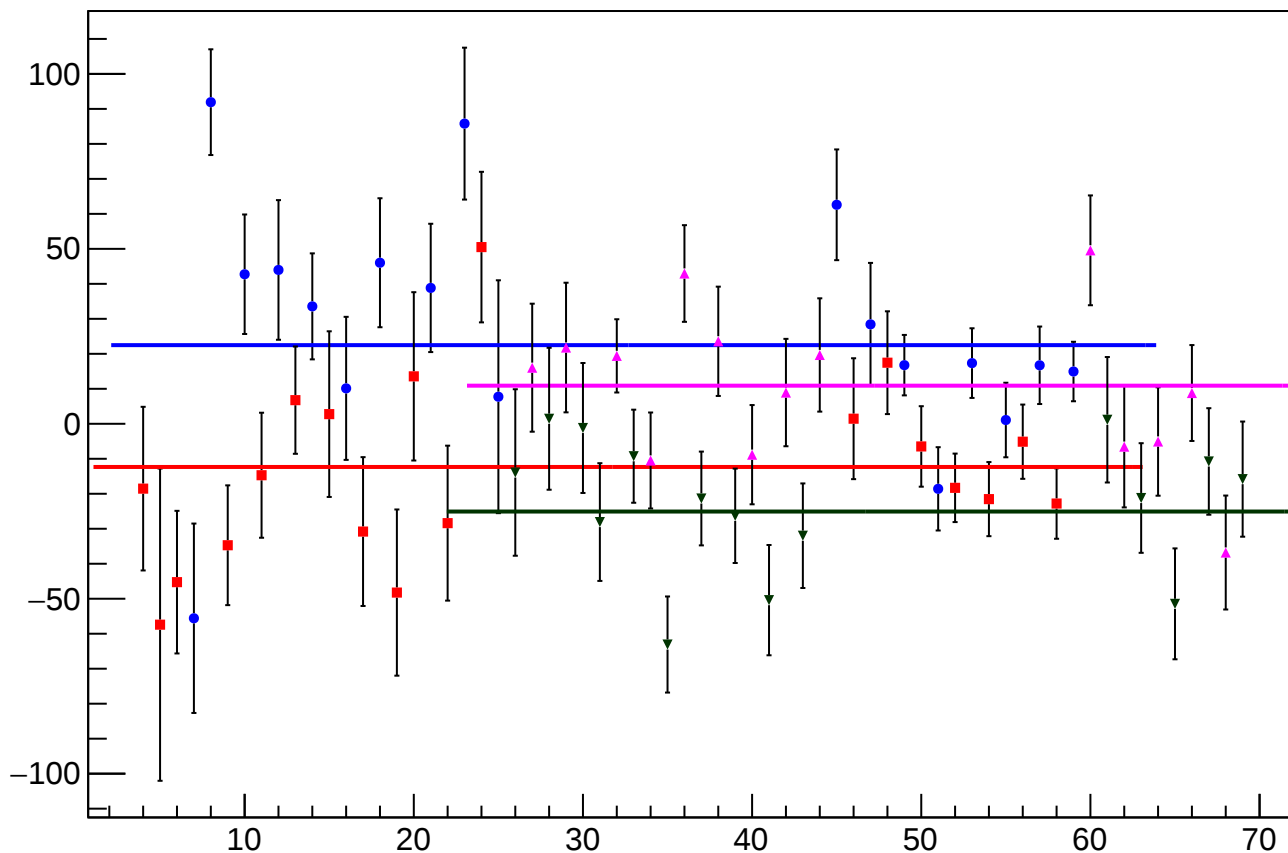
1742.849+/-0.288 χ^2/NDF : 1670444.3/32

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

1725.992+/-0.291 χ^2/NDF : 1295528.8/32

Left In: 1773.541+/-0.439 χ^2/NDF :216059.8/13

diff_bpm0l10X_mean vs slug



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

Left Out: -25.079 ± 4.071 χ^2/NDF : 21.7/14

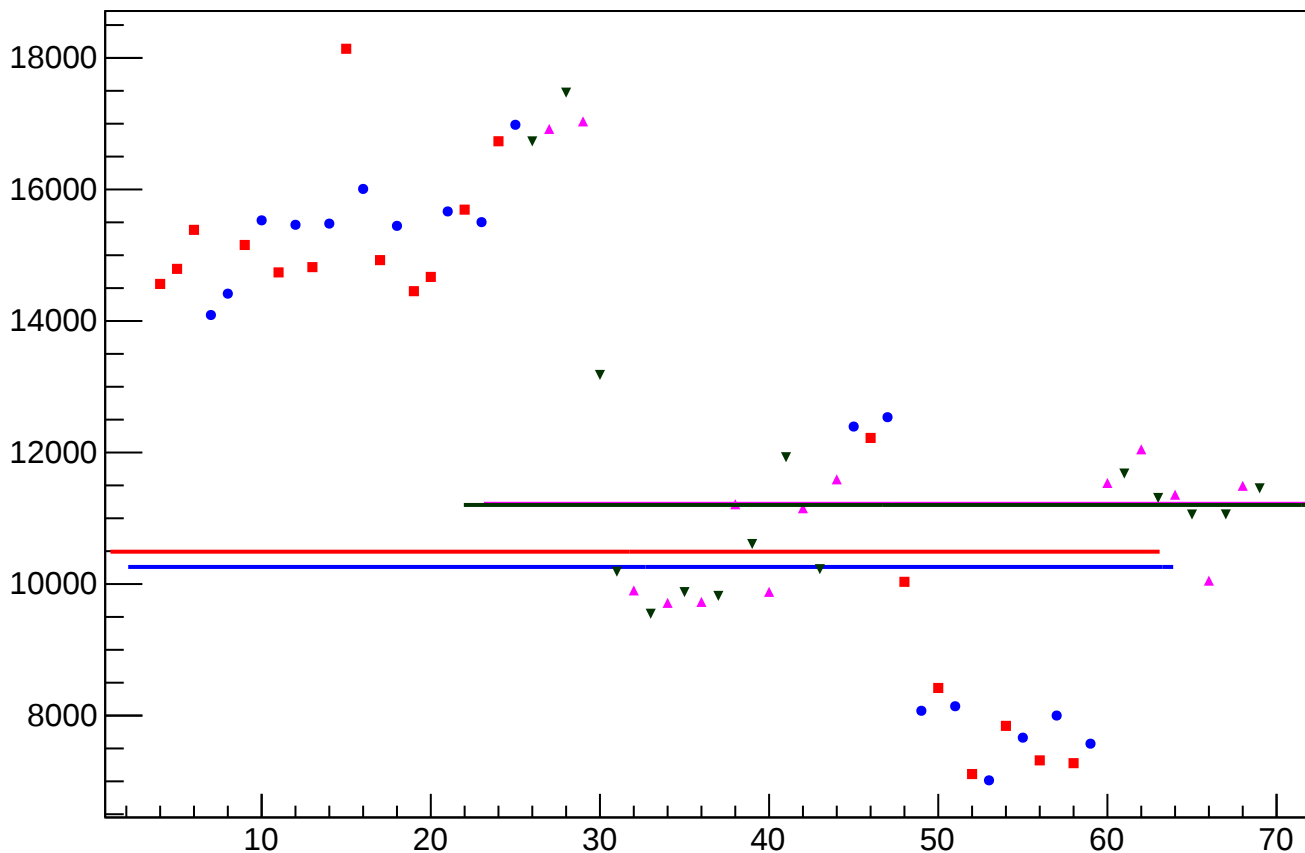
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 10.895 ± 3.973 χ^2/NDF : 28.5/13

4.124 ± 2.529 χ^2/NDF : 173.8/32

-2.134 ± 2.633 χ^2/NDF : 76.0/32

diff_bpm0l10X_rms vs slug



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

Left Out: 11202.860 $\pm$ 2.879 χ^2 /NDF: 418839.2/14

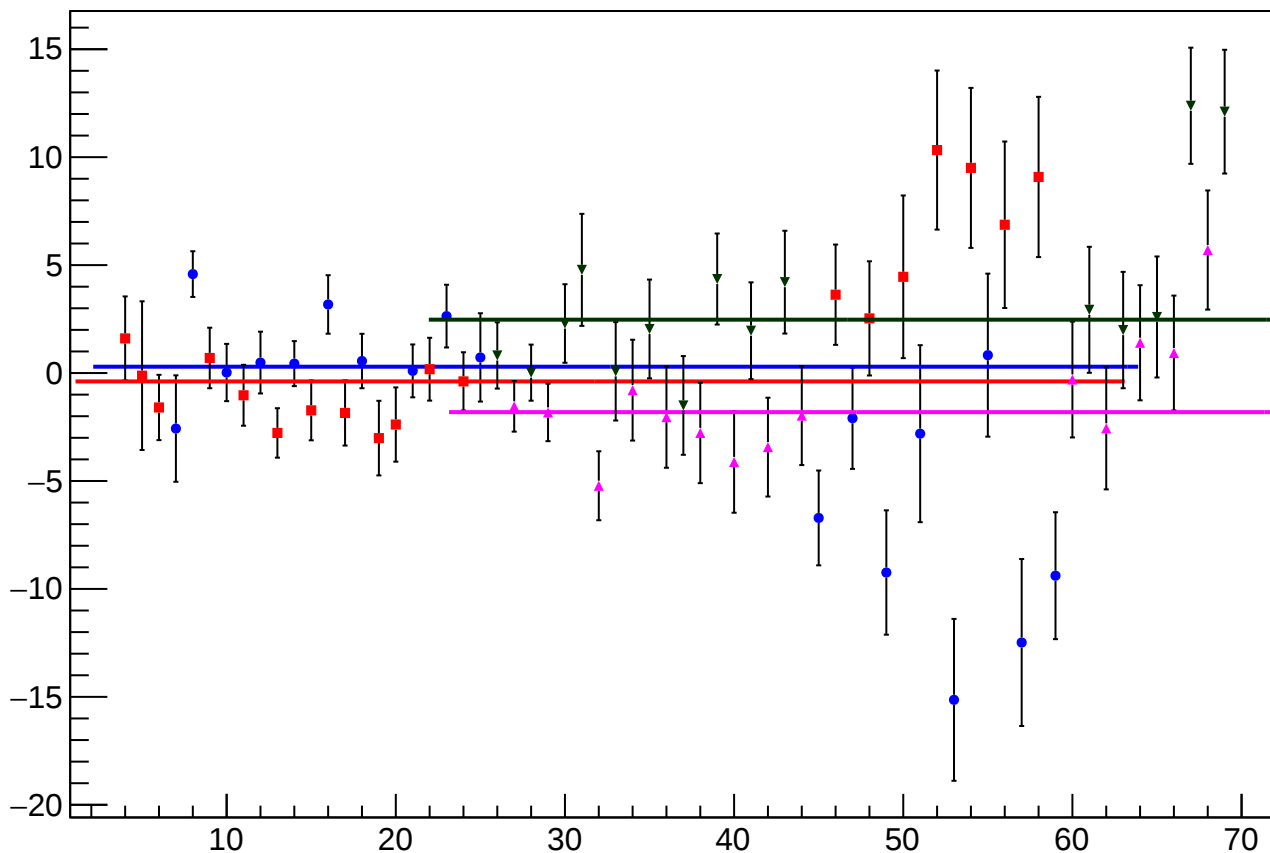
Right Out: 10492.088 $\pm$ 2.487 χ^2 /NDF: 2138865.4/18

Left In: 11220.482 $\pm$ 2.809 χ^2 /NDF: 509910.2/13

10624.001 $\pm$ 1.789 χ^2 /NDF: 2804681.0/32

10812.042 $\pm$ 1.862 χ^2 /NDF: 2686470.0/32

diff_bpm0l10Y_mean vs slug



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

Left Out: 2.472 ± 0.552 χ^2/NDF : 36.0/14

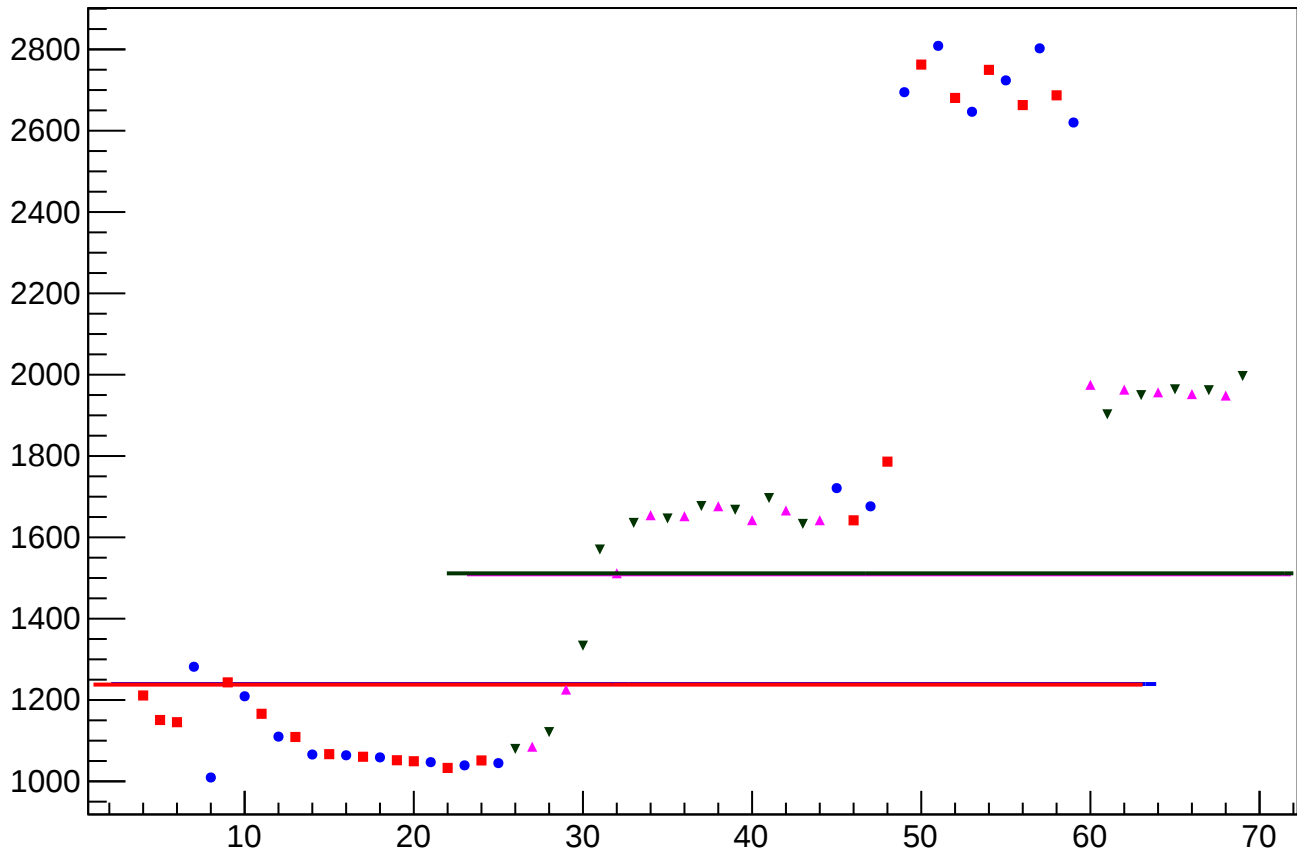
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -1.810 ± 0.536 χ^2/NDF : 16.8/13

1.027 ± 0.320 χ^2/NDF : 132.9/32

-0.915 ± 0.327 χ^2/NDF : 65.2/32

diff_bpm0l10Y_rms vs slug



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

Left Out: 1511.464+/-0.390 χ^2/NDF : 666822.9/14

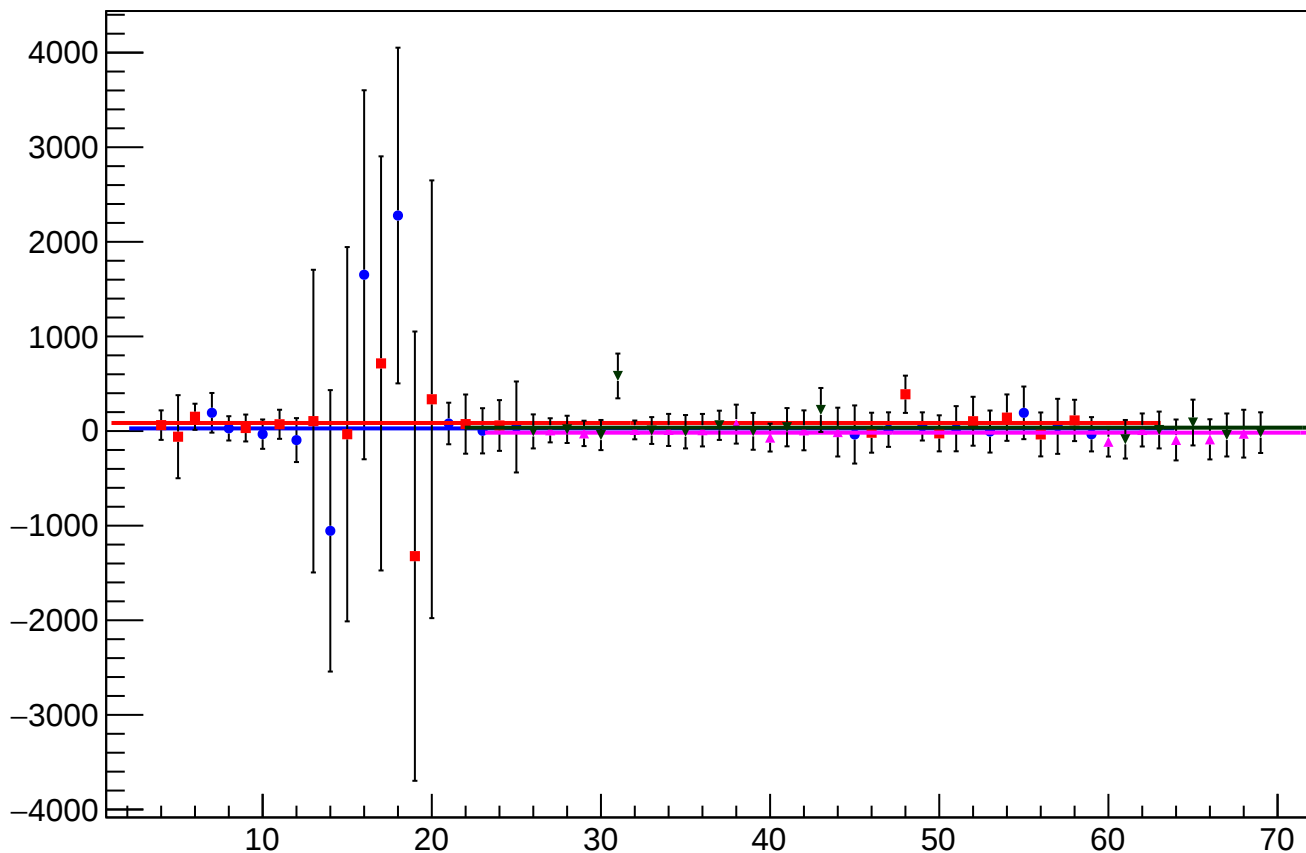
1330.861+/-0.226 χ^2/NDF : 3665478.7/32

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

1338.470+/-0.231 χ^2/NDF : 2911391.5/32

Left In: 1509.086+/-0.379 χ^2/NDF : 675476.5/13

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 27.874+/-52.297 χ^2/NDF : 4.5/17

Left Out: 35.831+/-47.781 χ^2/NDF : 7.1/14

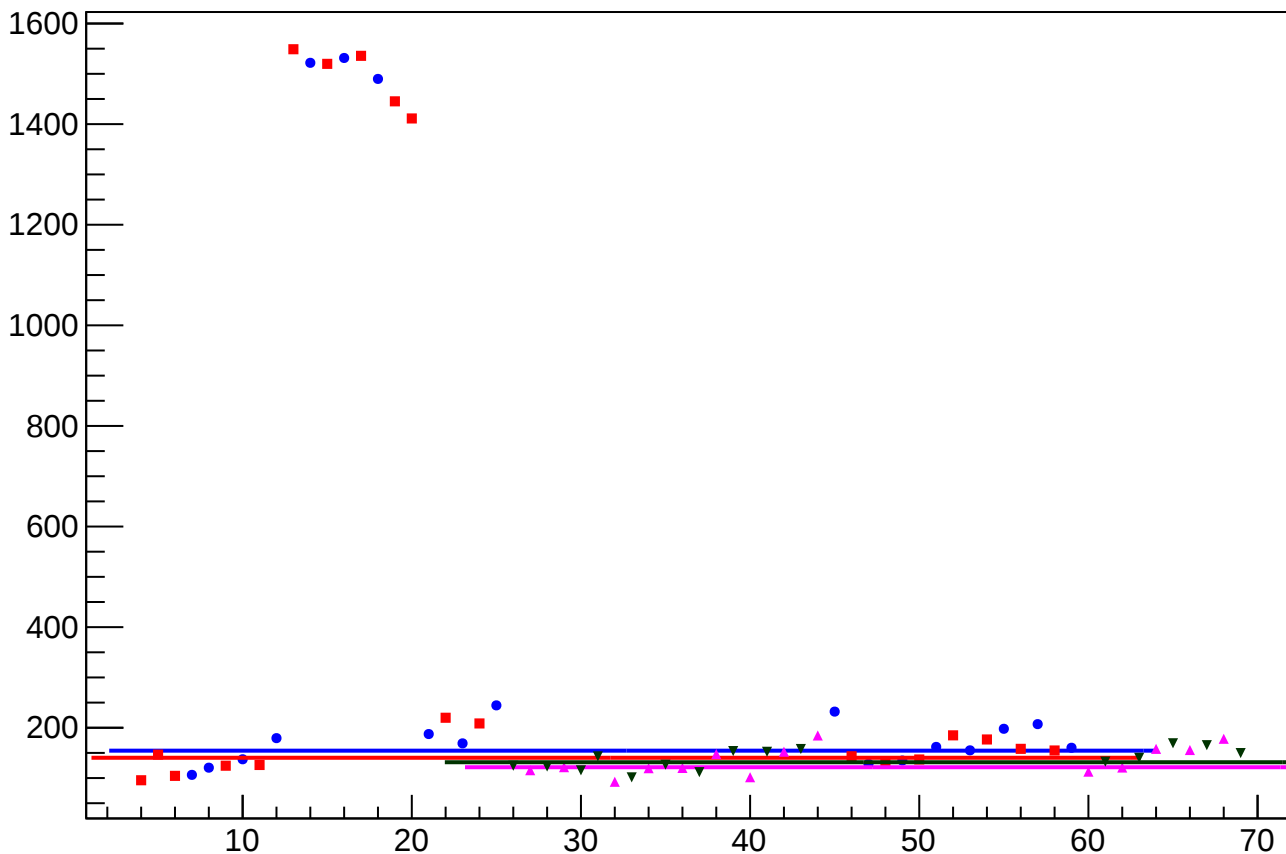
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -17.188+/-43.551 χ^2/NDF : 1.2/13

32.211+/-35.275 χ^2/NDF : 11.6/32

24.595+/-33.521 χ^2/NDF : 7.7/32

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 131.462 $\pm$ 0.034 χ^2 /NDF: 343683.1/14

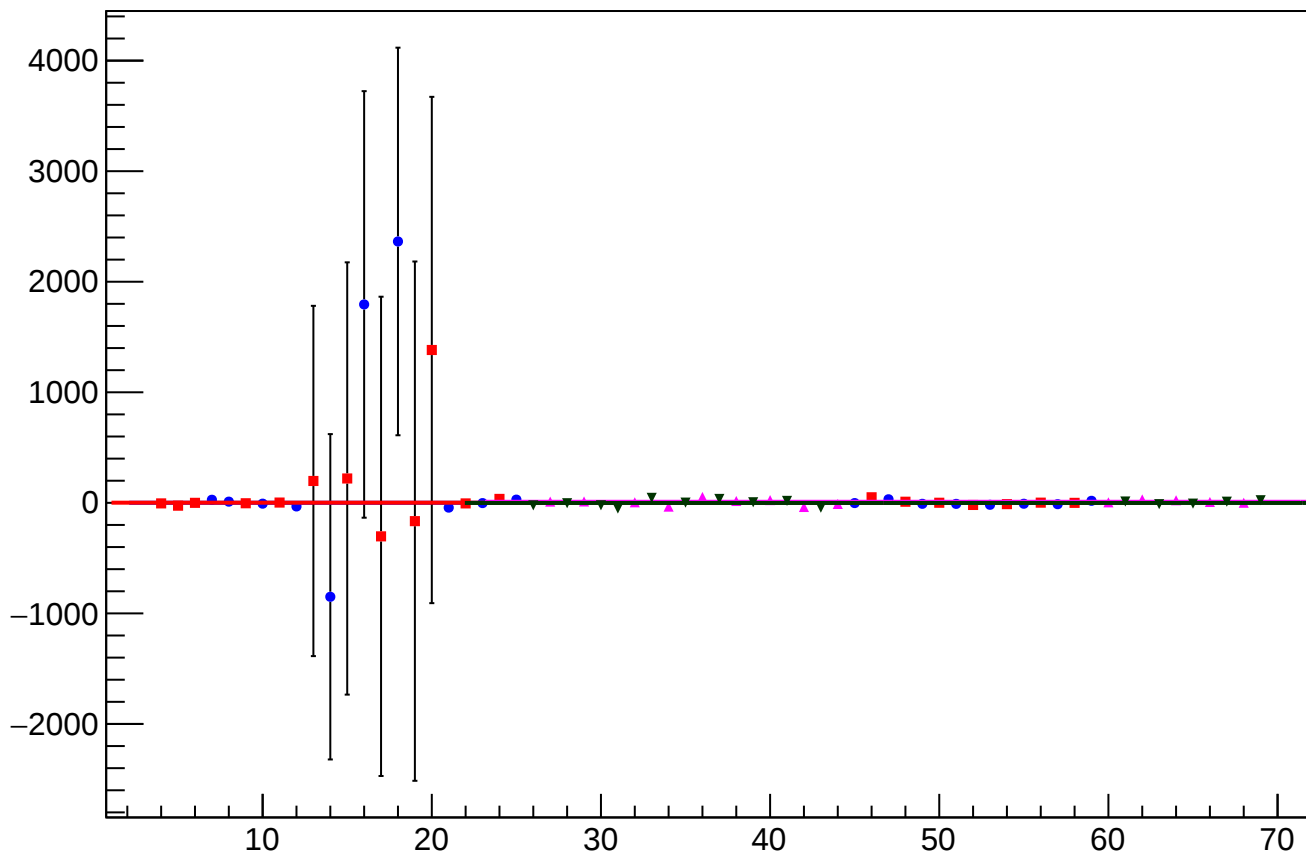
141.922 $\pm$ 0.025 χ^2 /NDF: 5111079.7/32

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

129.188 $\pm$ 0.024 χ^2 /NDF: 6047599.7/32

Left In: 121.511 $\pm$ 0.031 χ^2 /NDF: 621089.8/13

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -1.139+/-5.947 χ^2/NDF :16.2/14

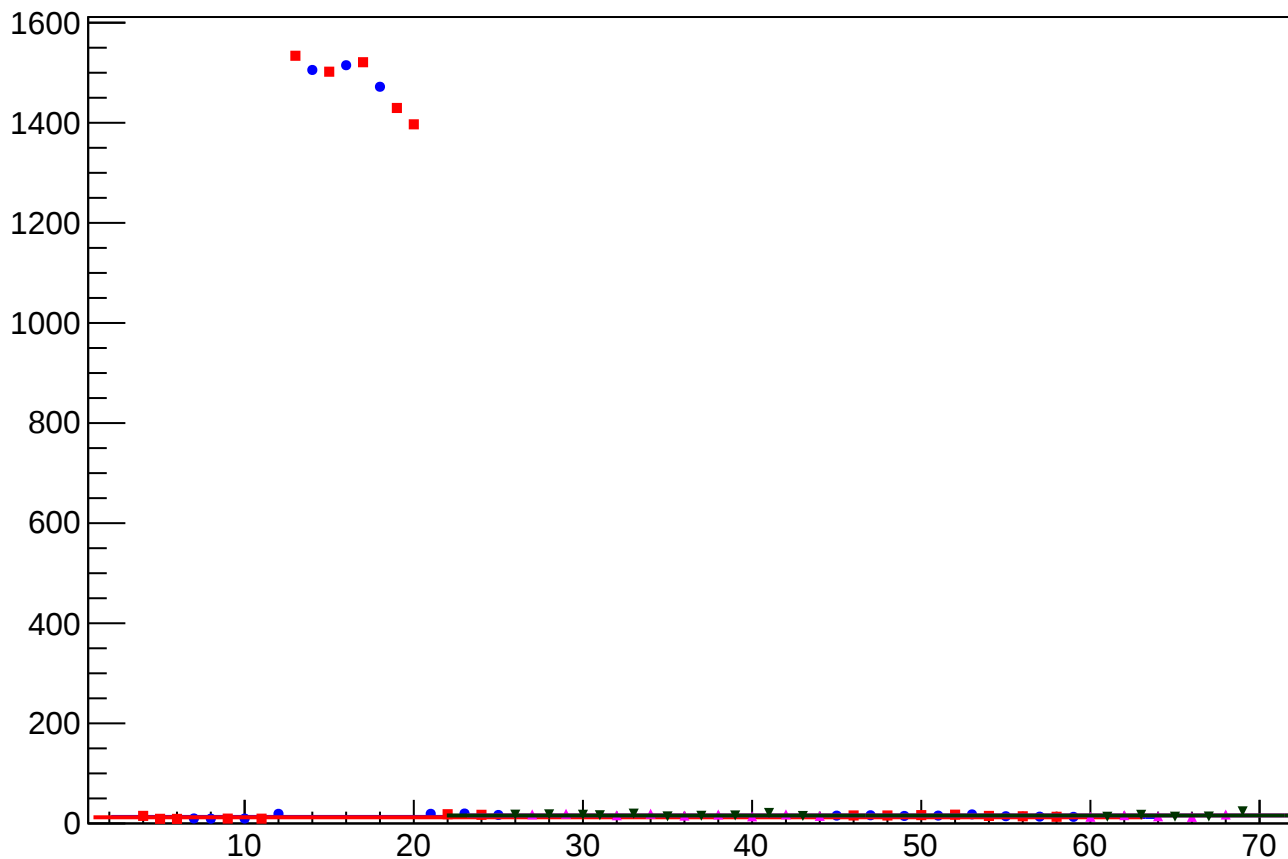
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 9.601+/-5.797 χ^2/NDF :12.0/13

-0.065+/-3.645 χ^2/NDF : 32.8/32

4.716+/-3.692 χ^2/NDF : 22.6/32

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: 15.971 $\pm$ 0.004 χ^2 /NDF:341379.1/14

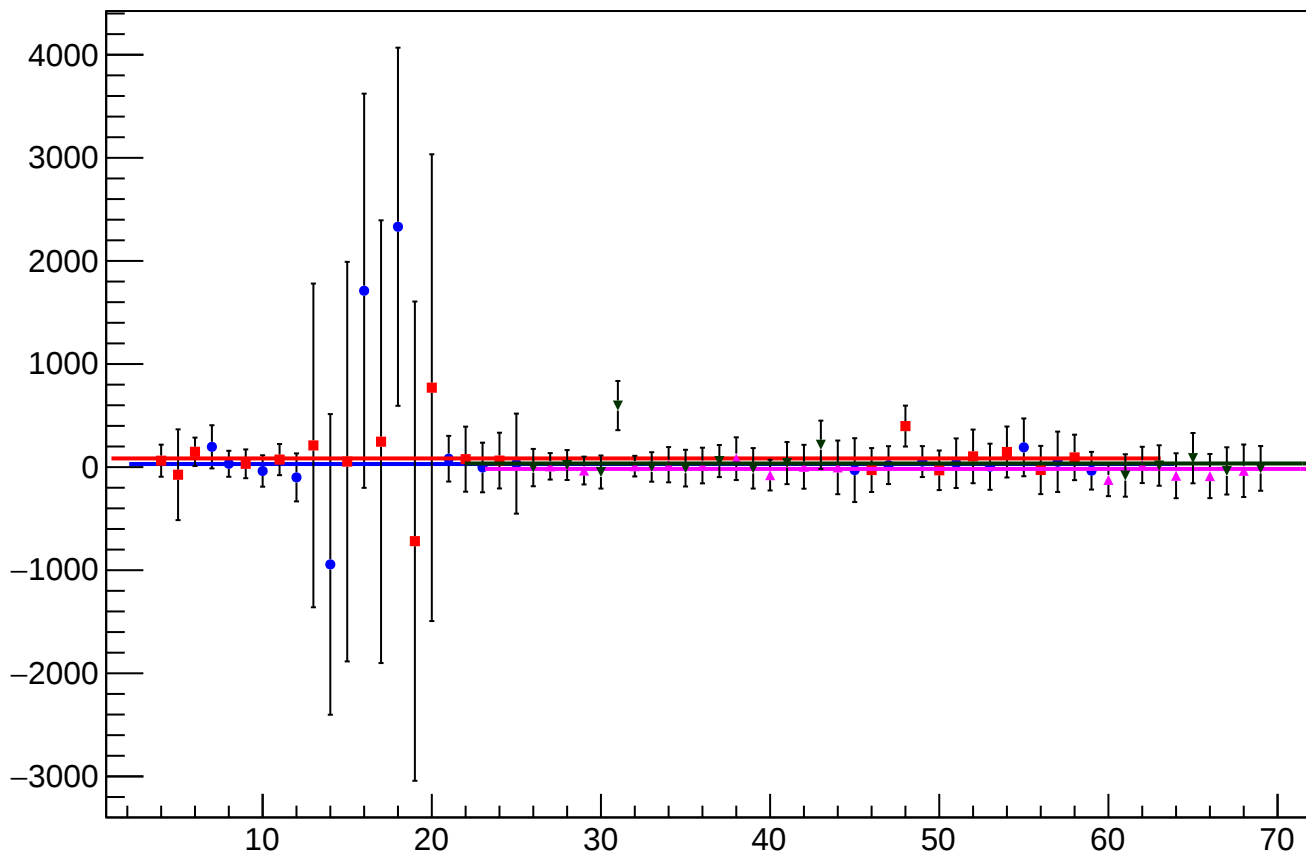
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 16.019 $\pm$ 0.004 χ^2 /NDF:256914.0/13

14.125 $\pm$ 0.003 χ^2 /NDF: 6345964.6/32

13.816 $\pm$ 0.003 χ^2 /NDF: 7115918.0/32

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: 35.358+/-48.160 χ^2/NDF : 7.2/14

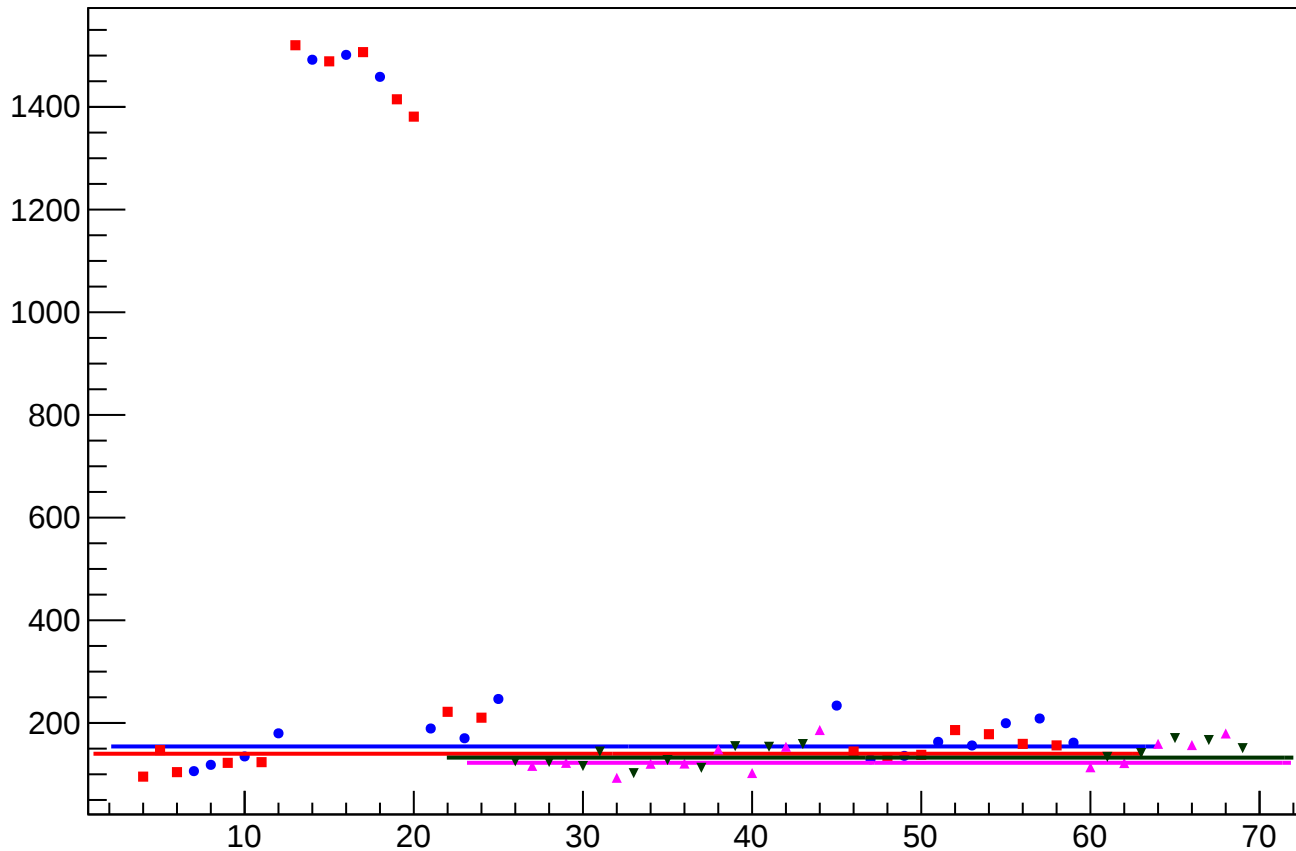
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -17.647+/-43.880 χ^2/NDF : 1.3/13

32.903+/-35.417 χ^2/NDF : 11.9/32

24.358+/-33.648 χ^2/NDF : 7.7/32

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: 132.501+/-0.034 χ^2/NDF : 344407.8/14

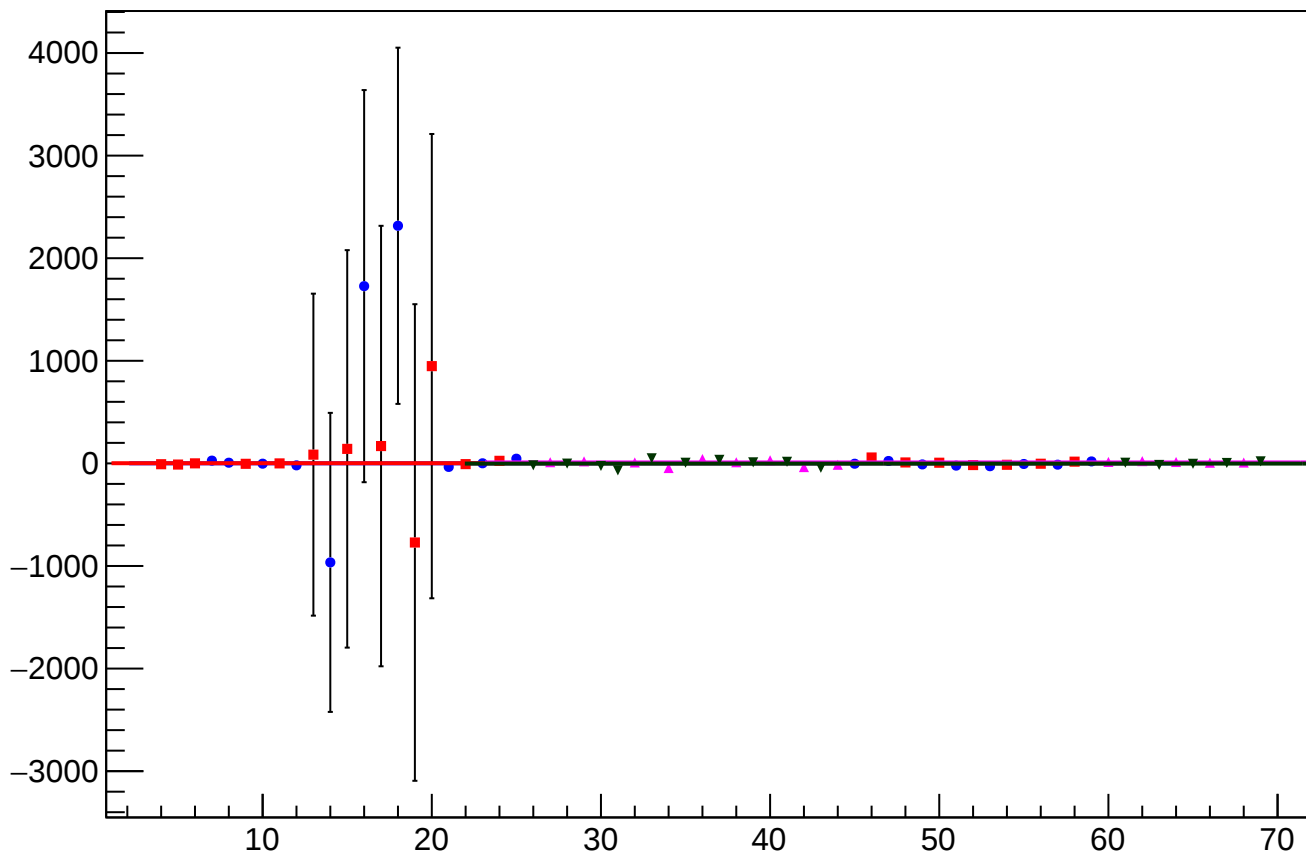
Right Out: 140.050+/-0.037 χ^2/NDF : 5289912.8/18

Left In: 122.416+/-0.031 χ^2/NDF : 622748.7/13

142.480+/-0.025 χ^2/NDF : 5116295.1/32

129.681+/-0.024 χ^2/NDF : 6045726.5/32

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: -1.913 $\pm$ 5.806 χ^2 /NDF:19.1/14

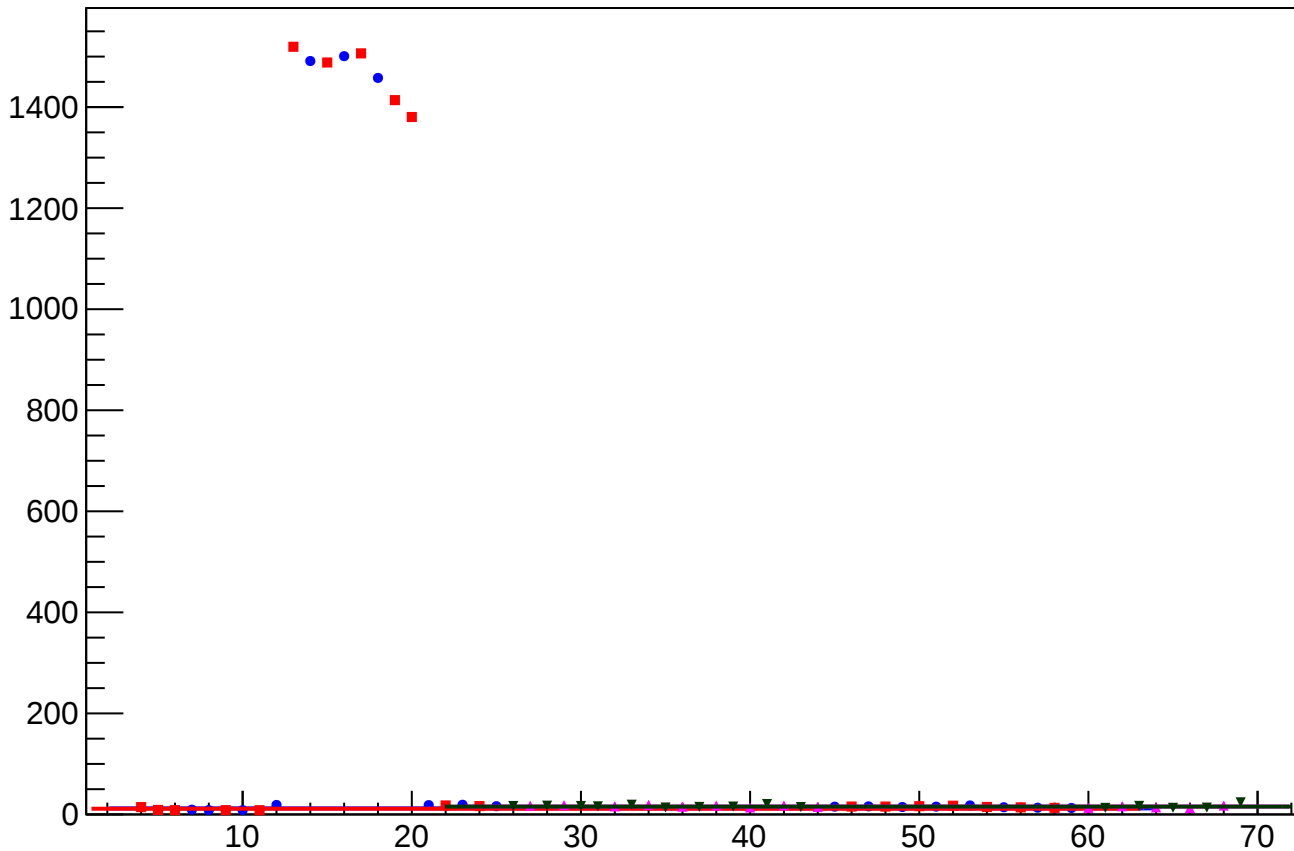
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 9.528 $\pm$ 5.660 χ^2 /NDF:11.8/13

-0.261 $\pm$ 3.463 χ^2 /NDF: 35.2/32

4.757 $\pm$ 3.508 χ^2 /NDF: 23.1/32

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: 15.569+/-0.004 χ^2/NDF : 339836.4/14

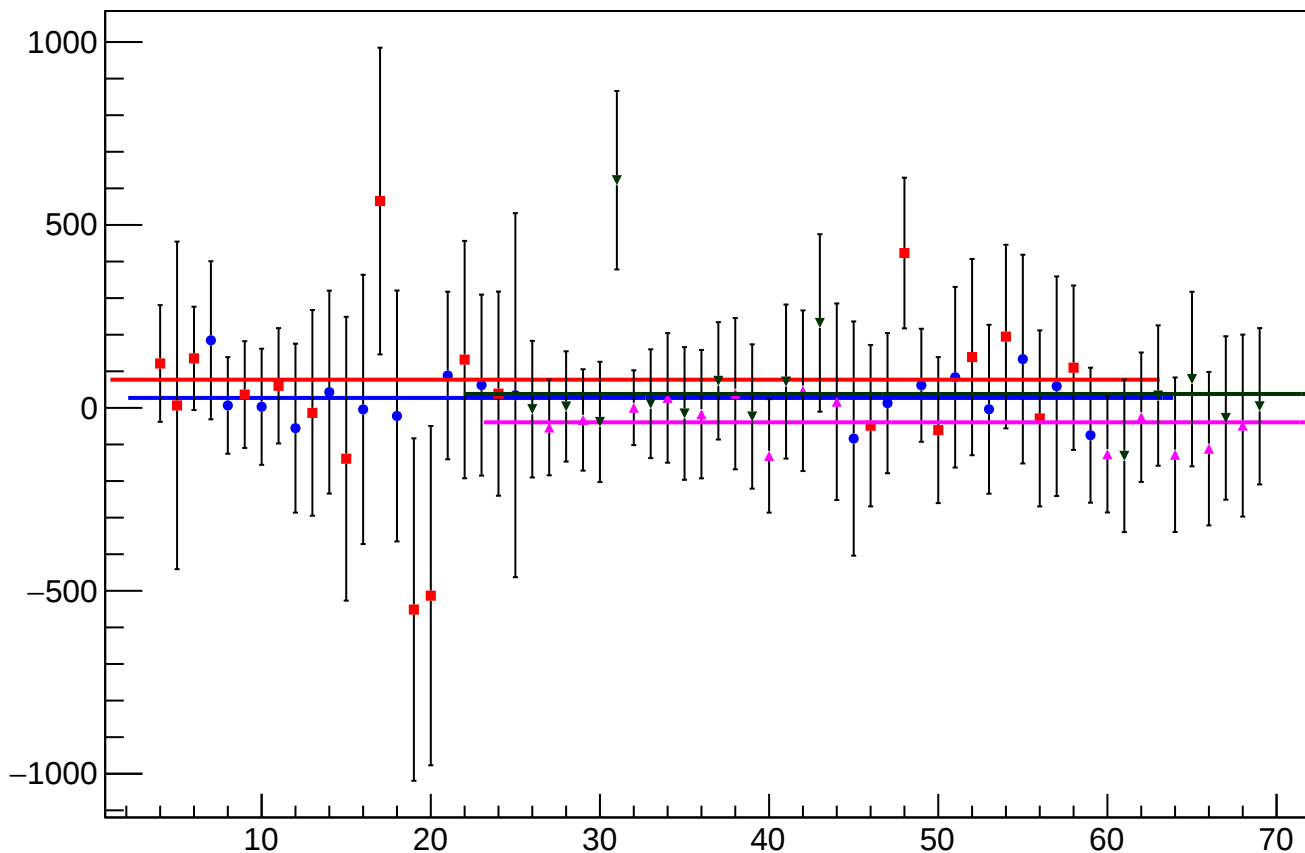
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 15.617+/-0.004 χ^2/NDF : 246824.6/13

13.279+/-0.002 χ^2/NDF : 6884690.8/32

12.996+/-0.002 χ^2/NDF : 7589257.9/32

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: 38.056+/-49.026 χ^2/NDF : 7.8/14

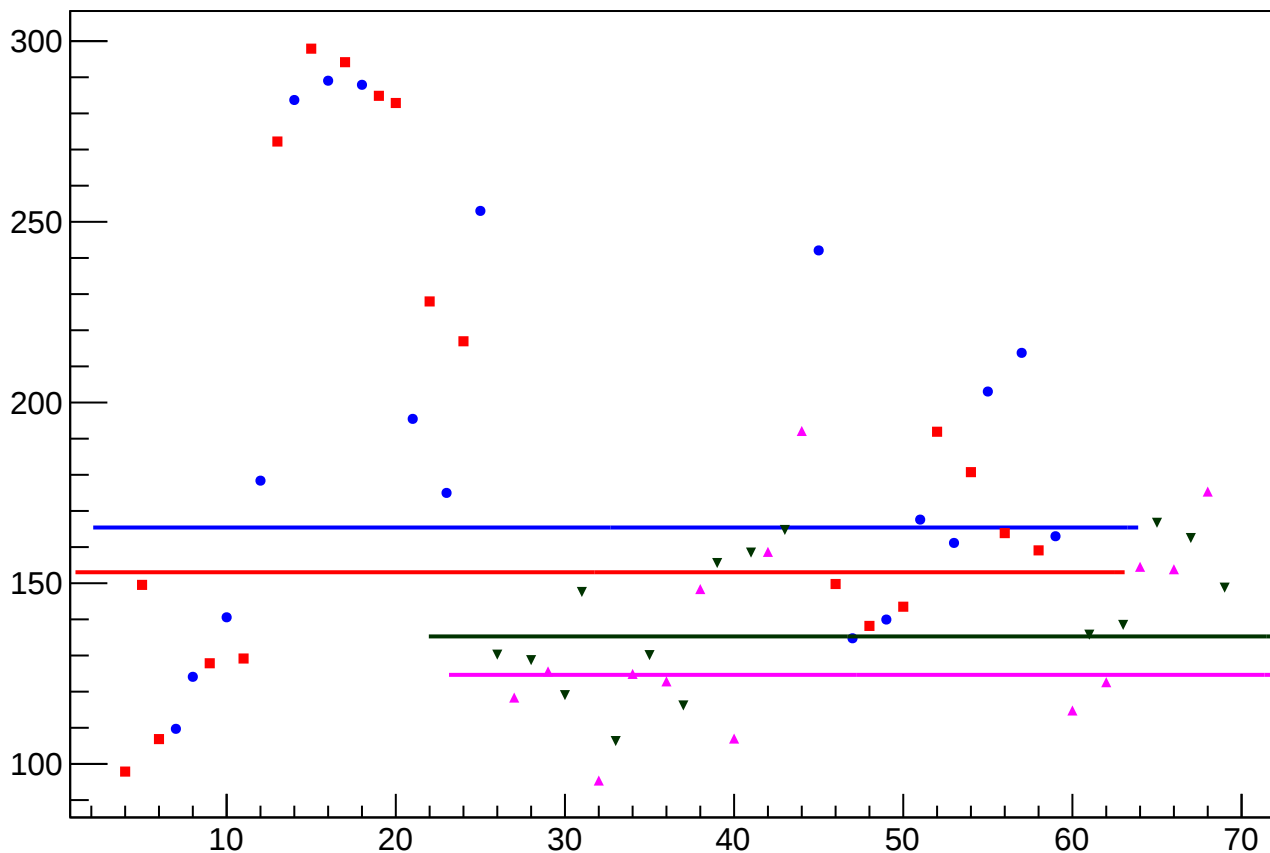
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -39.410+/-44.589 χ^2/NDF : 1.6/13

32.940+/-35.612 χ^2/NDF : 9.3/32

10.307+/-33.762 χ^2/NDF : 14.3/32

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 165.419+/-0.037 χ^2/NDF : 1636400.3/17

Left Out: 135.281+/-0.035 χ^2/NDF : 283669.1/14

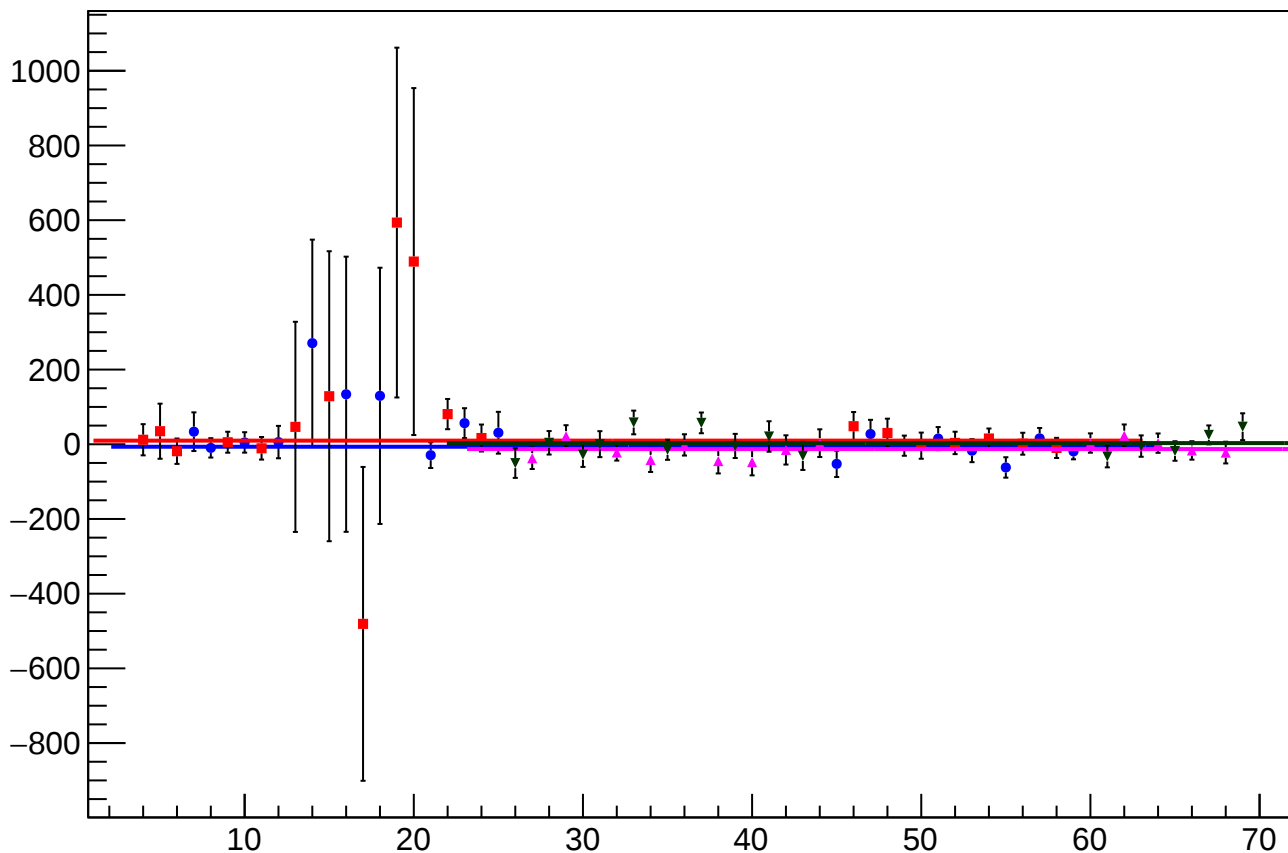
Right Out: 153.039+/-0.037 χ^2/NDF : 2037868.3/18

Left In: 124.647+/-0.032 χ^2/NDF : 565178.3/13

149.517+/-0.025 χ^2/NDF : 2277071.0/32

136.761+/-0.024 χ^2/NDF : 2949037.0/32

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: 3.159+/-8.022 χ^2/NDF : 15.6/14

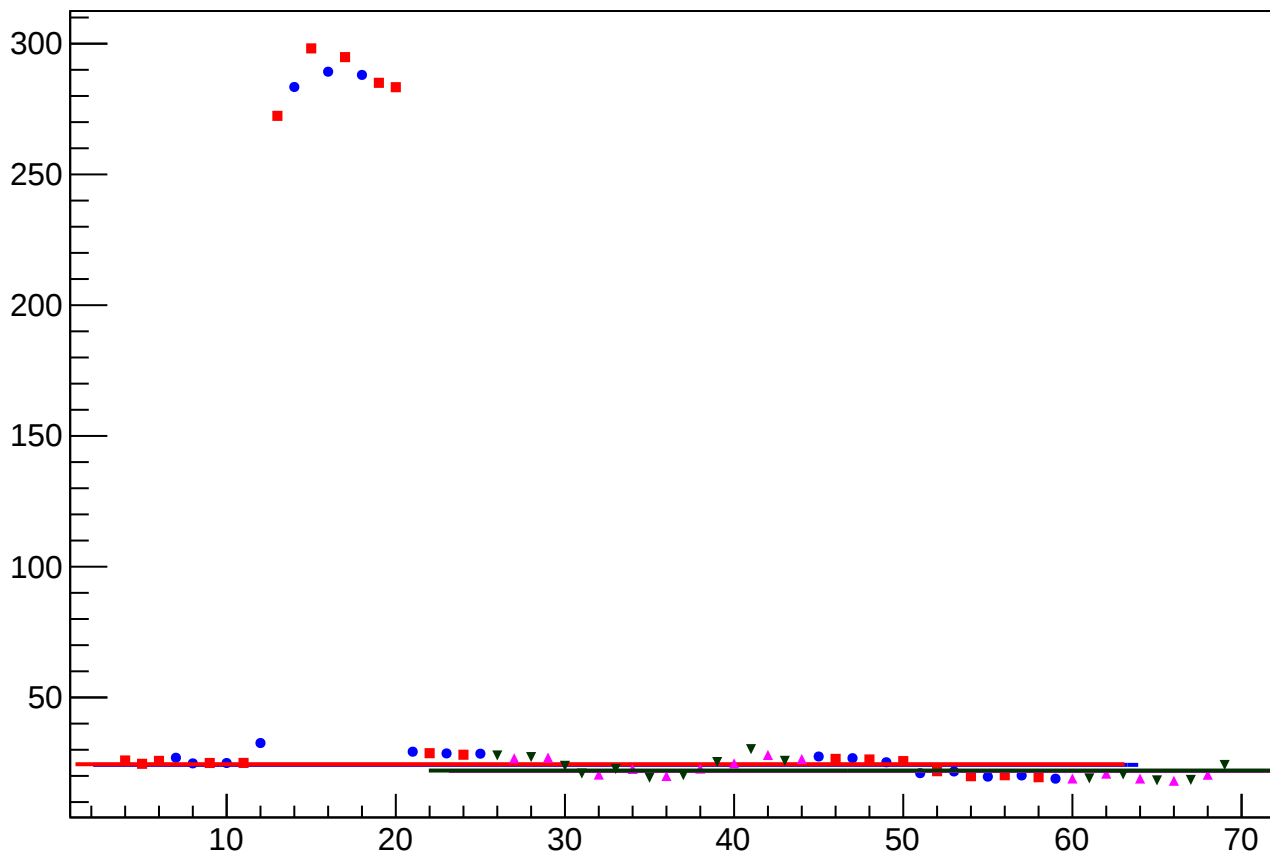
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

Left In: -12.830+/-7.758 χ^2/NDF : 7.6/13

-1.679+/-5.688 χ^2/NDF : 30.1/32

-3.077+/-5.847 χ^2/NDF : 21.9/32

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: 22.052+/-0.006 χ^2/NDF : 368579.5/14

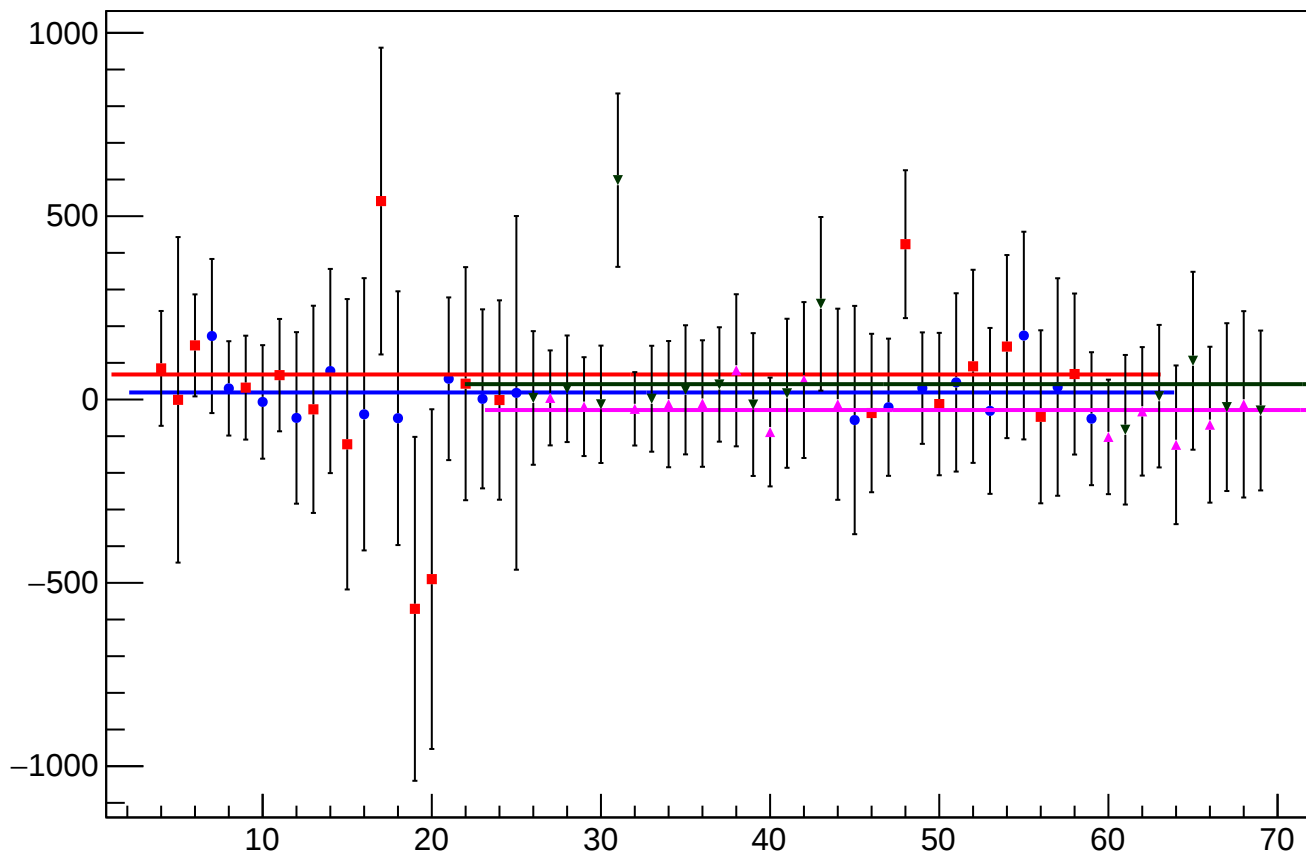
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

Left In: 21.900+/-0.005 χ^2/NDF : 332648.5/13

23.133+/-0.004 χ^2/NDF : 4854651.7/32

23.008+/-0.004 χ^2/NDF : 5287088.2/32

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: 41.902+/-48.130 χ^2/NDF : 7.4/14

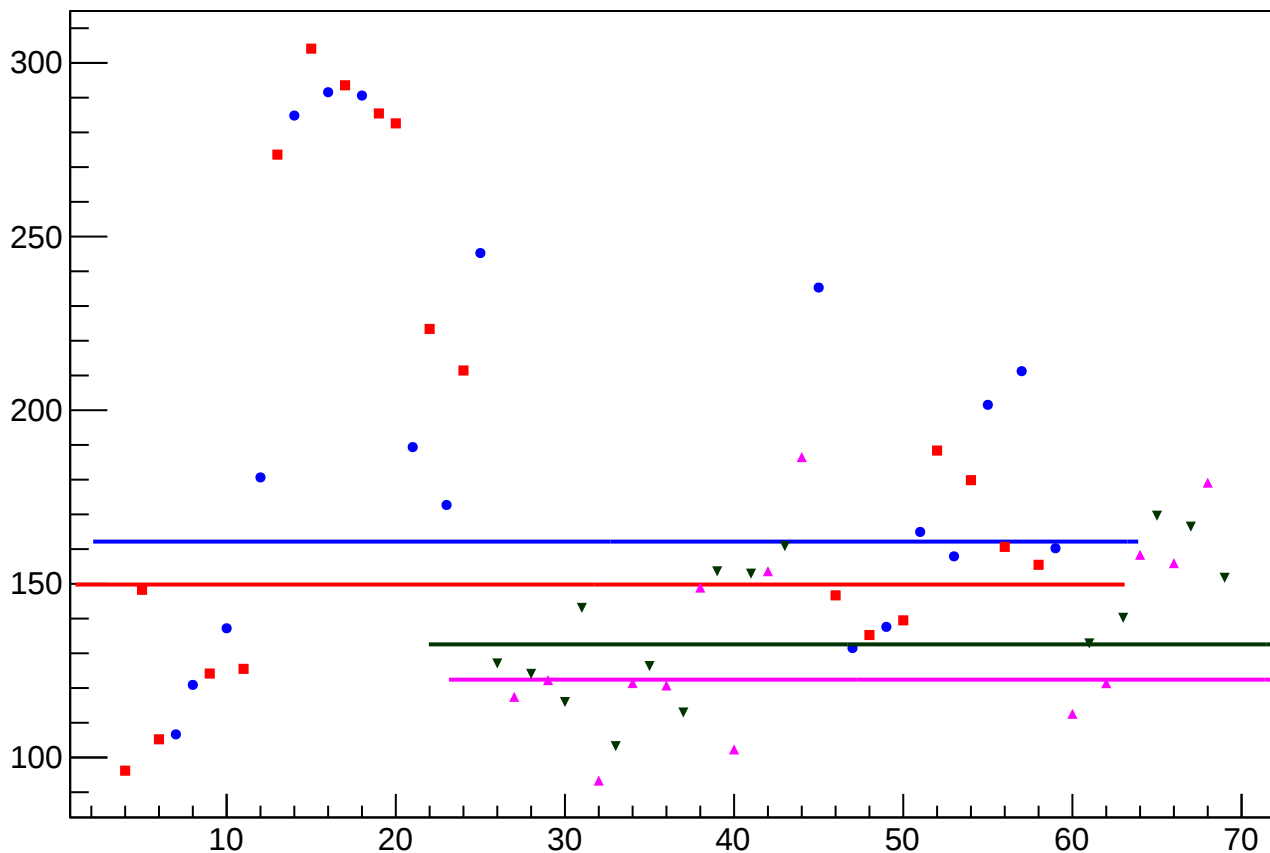
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -28.670+/-43.857 χ^2/NDF : 1.1/13

31.218+/-34.976 χ^2/NDF : 8.9/32

12.827+/-33.172 χ^2/NDF : 12.5/32

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: 132.571+/-0.034 χ^2/NDF : 331630.1/14

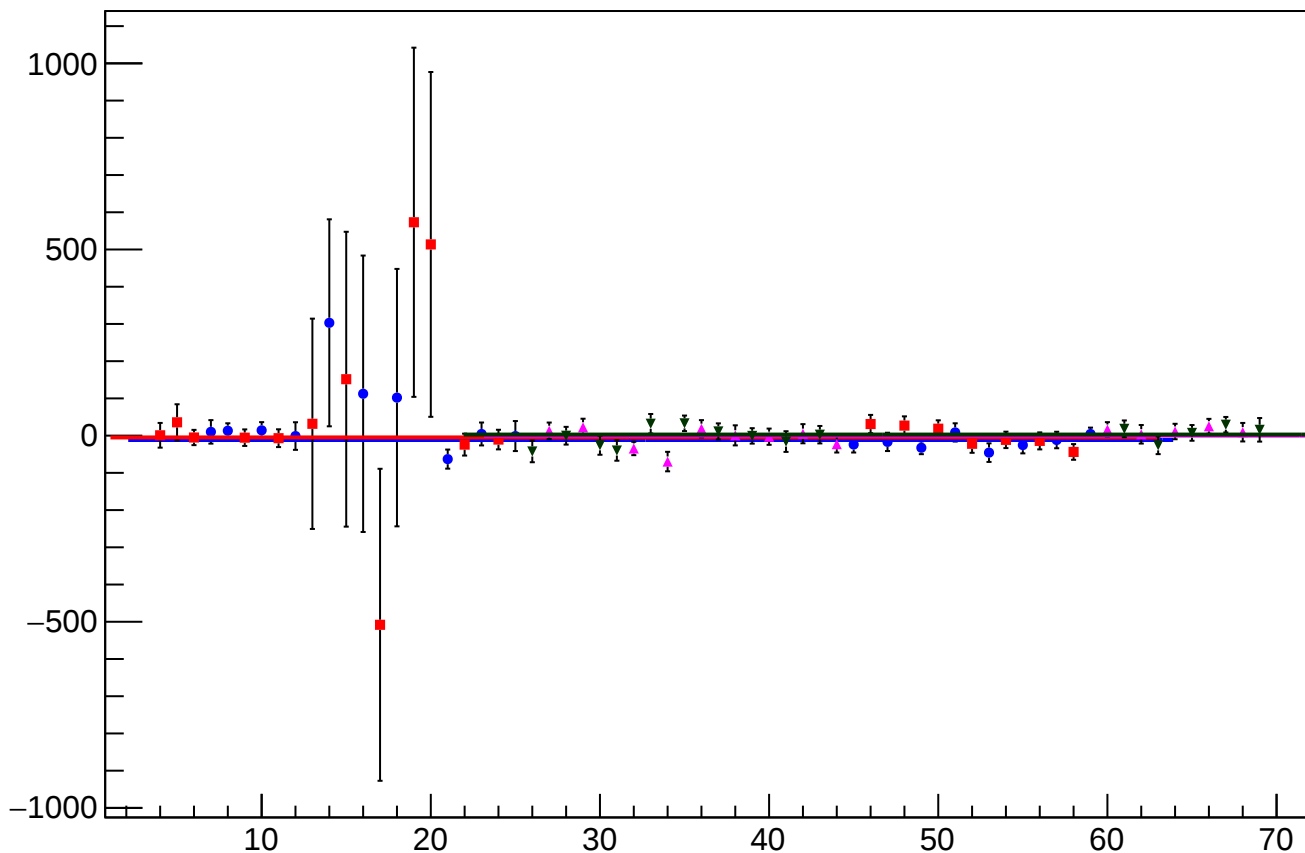
146.538+/-0.025 χ^2/NDF : 2409115.2/32

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

134.134+/-0.023 χ^2/NDF : 3066342.7/32

Left In: 122.413+/-0.031 χ^2/NDF : 617935.4/13

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: 2.833 $\pm$ 6.150 χ^2 /NDF:13.9/14

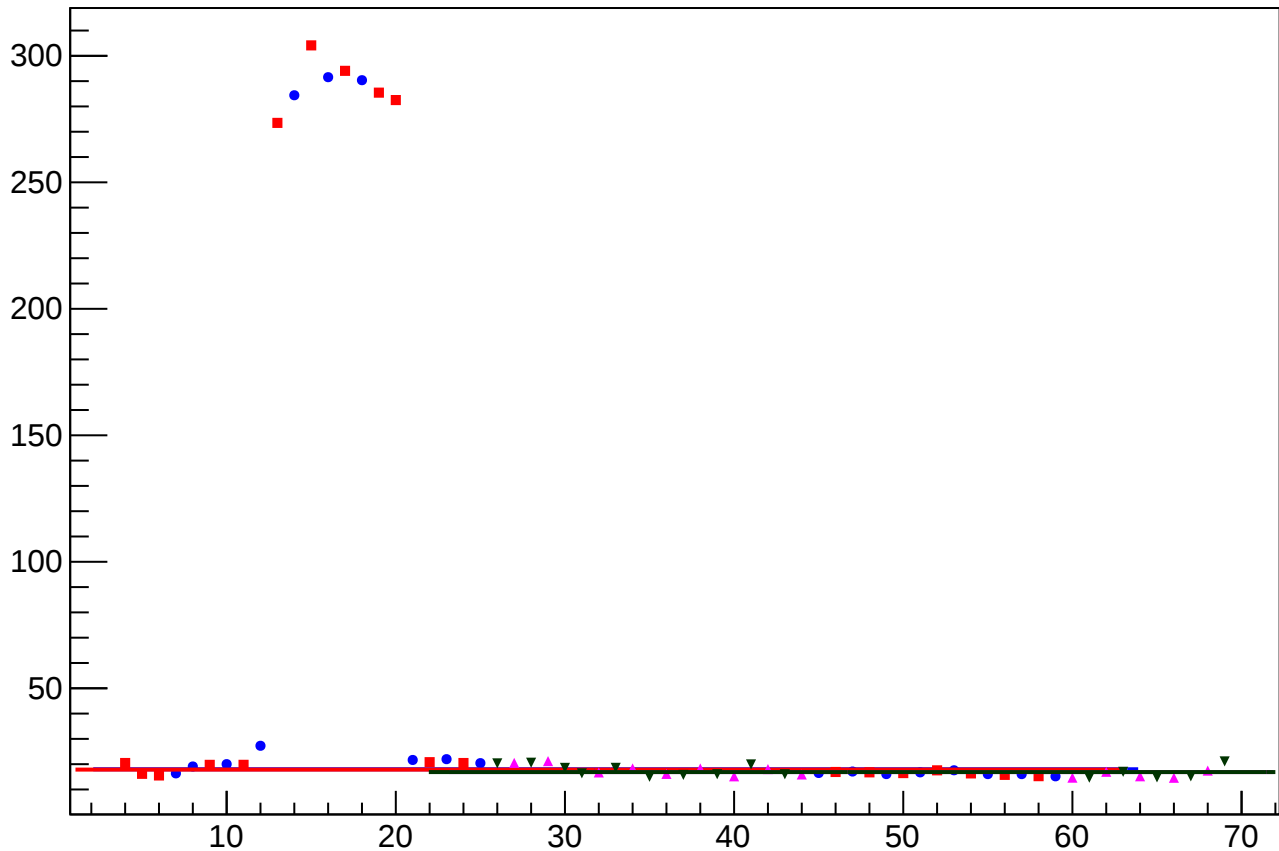
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

Left In: 0.052 $\pm$ 5.988 χ^2 /NDF:16.5/13

-4.577 $\pm$ 4.308 χ^2 /NDF: 31.7/32

-2.178 $\pm$ 4.420 χ^2 /NDF: 31.4/32

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: 16.877+/-0.004 χ^2/NDF : 233295.6/14

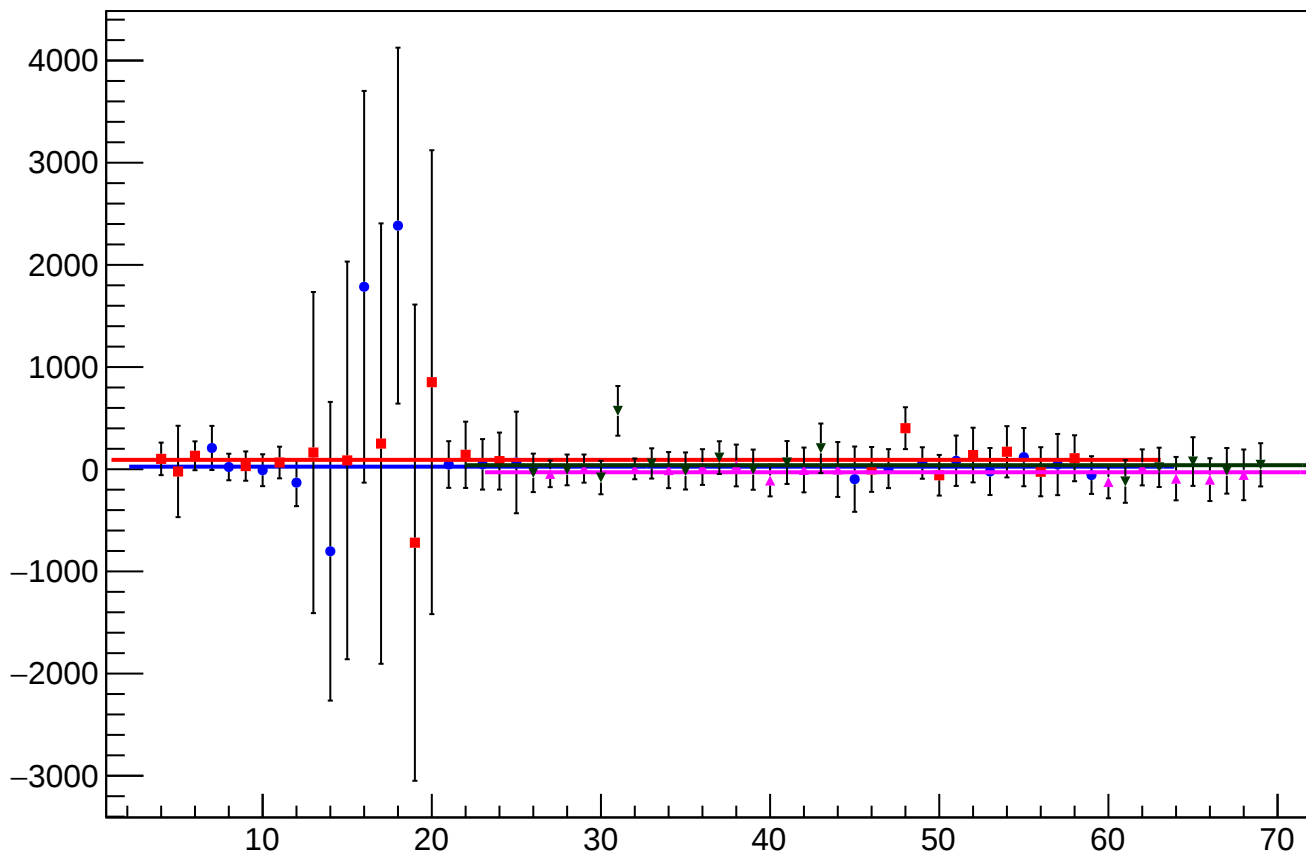
Right Out: 17.855+/-0.005 χ^2/NDF : 5034119.1/18

Left In: 16.885+/-0.004 χ^2/NDF : 220959.0/13

17.443+/-0.003 χ^2/NDF : 4791770.6/32

17.326+/-0.003 χ^2/NDF : 5278961.3/32

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 39.429+/-48.962 χ^2/NDF : 7.1/14

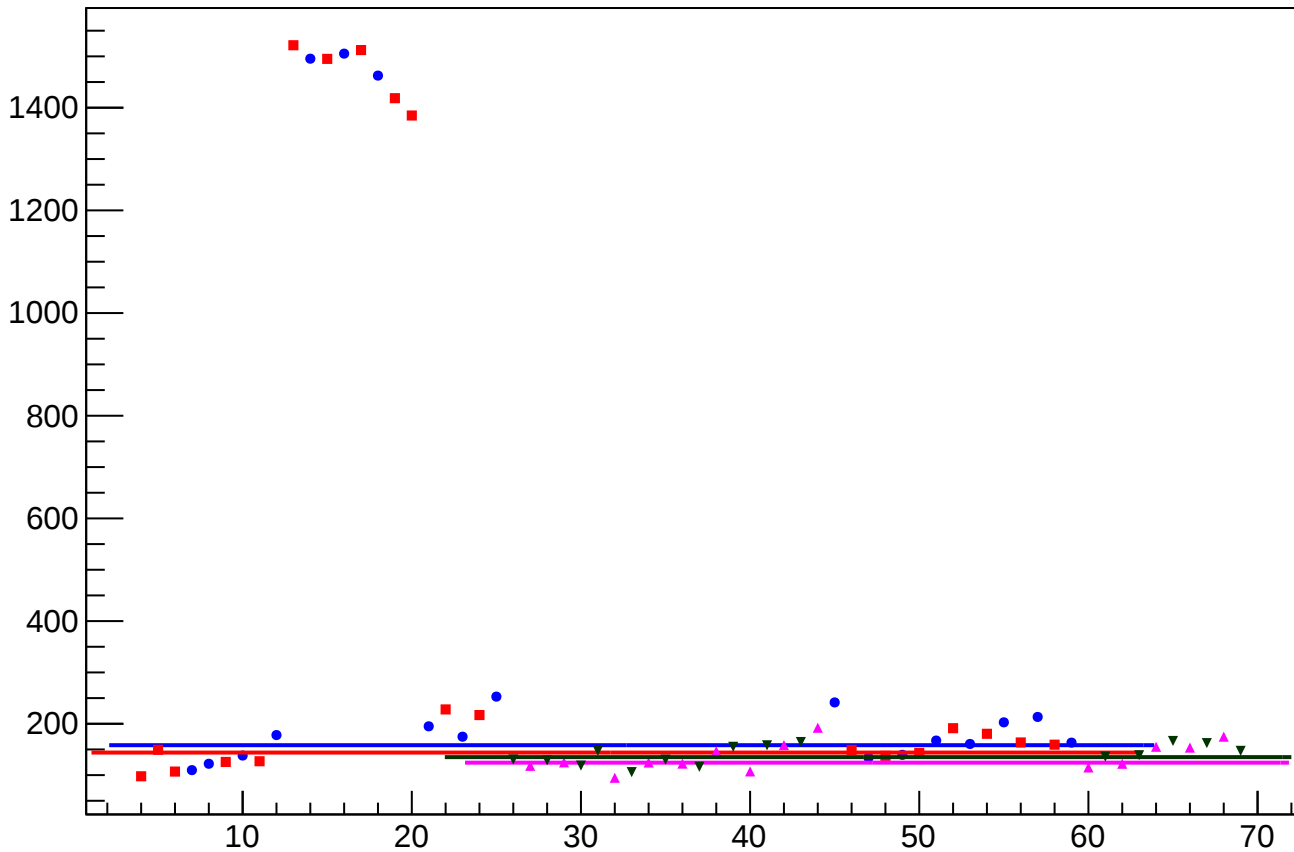
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -29.576+/-44.466 χ^2/NDF : 1.3/13

32.910+/-36.131 χ^2/NDF : 12.0/32

19.648+/-34.280 χ^2/NDF : 8.4/32

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 135.021 ± 0.035 χ^2/NDF : 284034.8/14

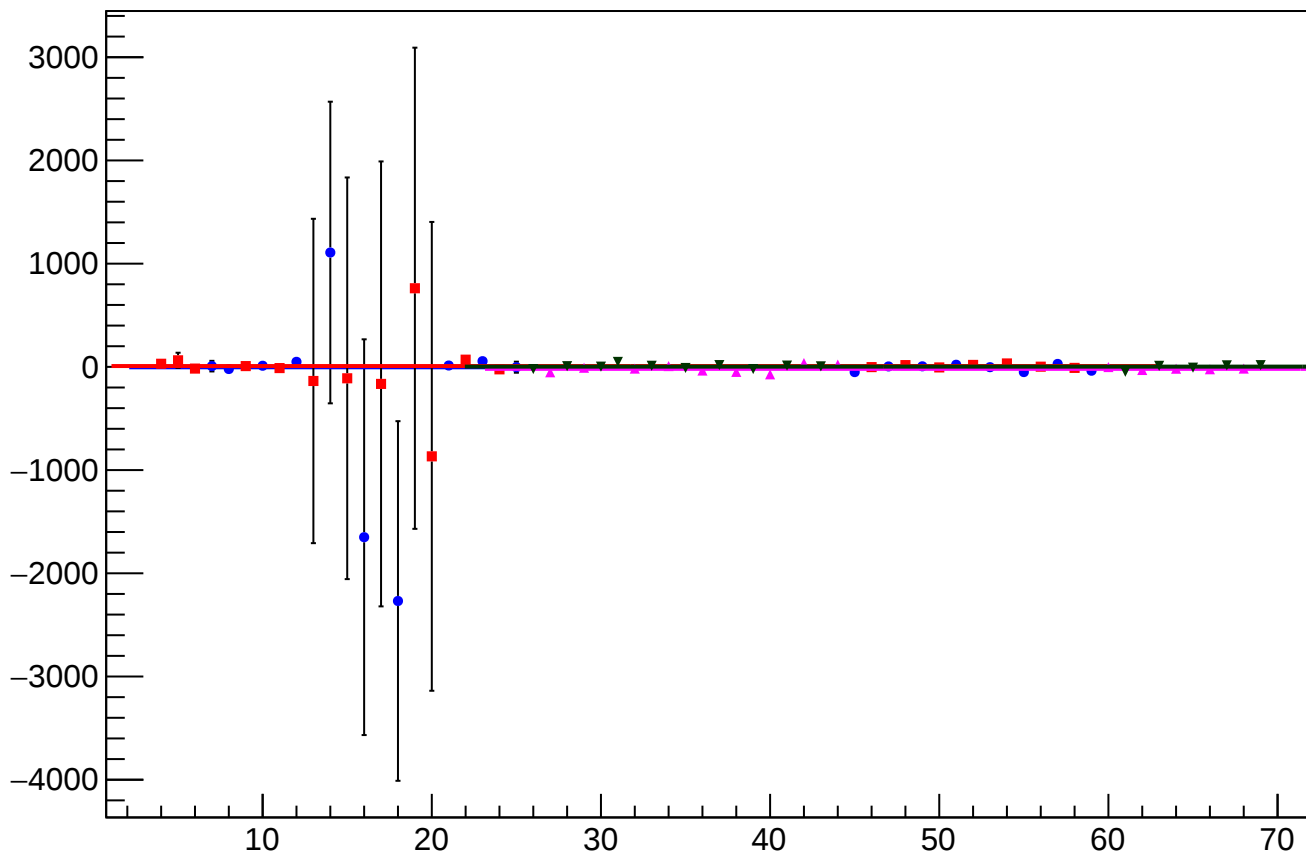
Right Out: 143.939 ± 0.038 χ^2/NDF : 5267987.5/18

Left In: 124.269 ± 0.031 χ^2/NDF : 569299.8/13

145.612 ± 0.026 χ^2/NDF : 5028510.8/32

132.248 ± 0.024 χ^2/NDF : 5996046.5/32

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: 2.466+/-7.615 χ^2 /NDF: 7.4/14

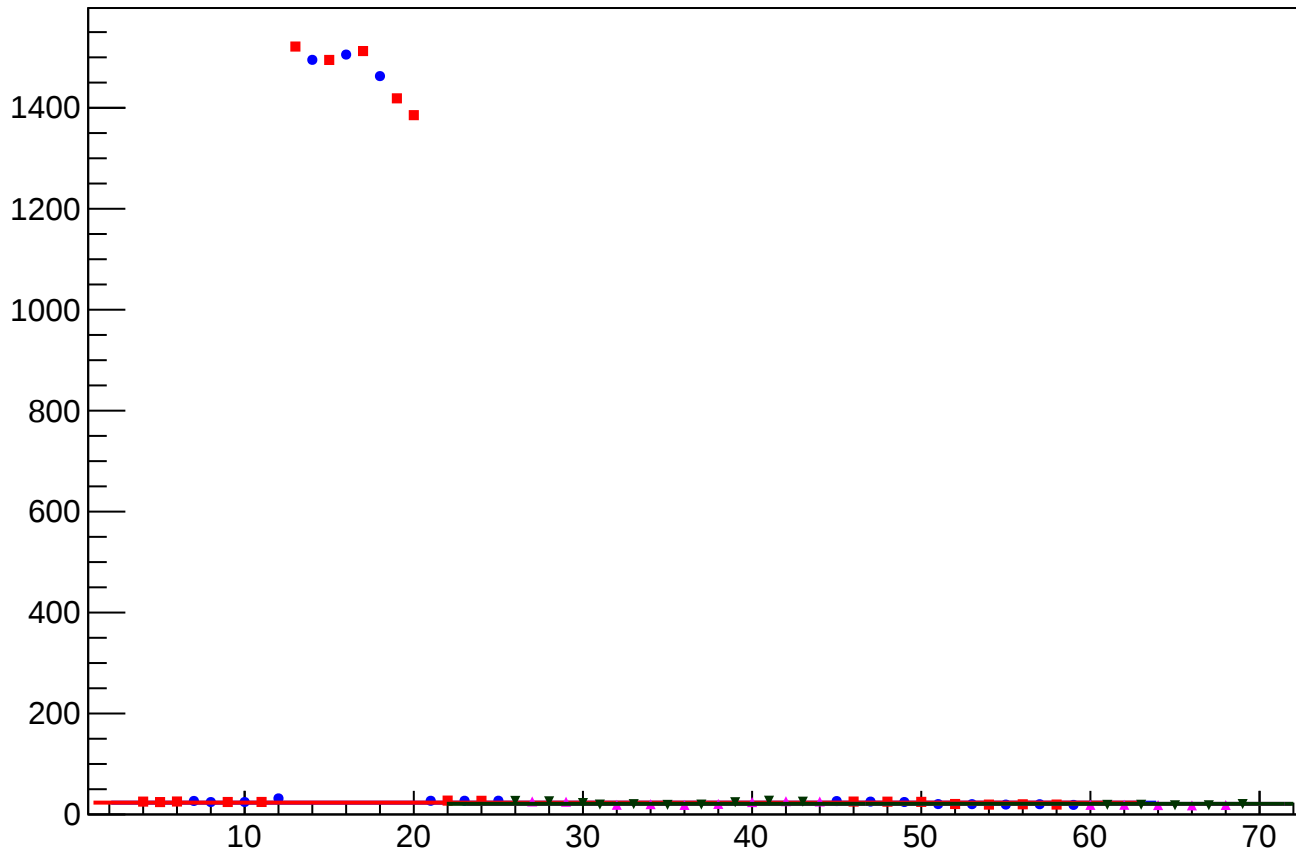
Right Out: 7.973+/-8.718 χ^2 /NDF: 7.3/18

Left In: -19.355+/-7.348 χ^2 /NDF: 10.5/13

-0.692+/-5.474 χ^2 /NDF: 25.3/32

-8.005+/-5.619 χ^2 /NDF: 23.5/32

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: 21.060+/-0.005 χ^2/NDF : 307780.9/14

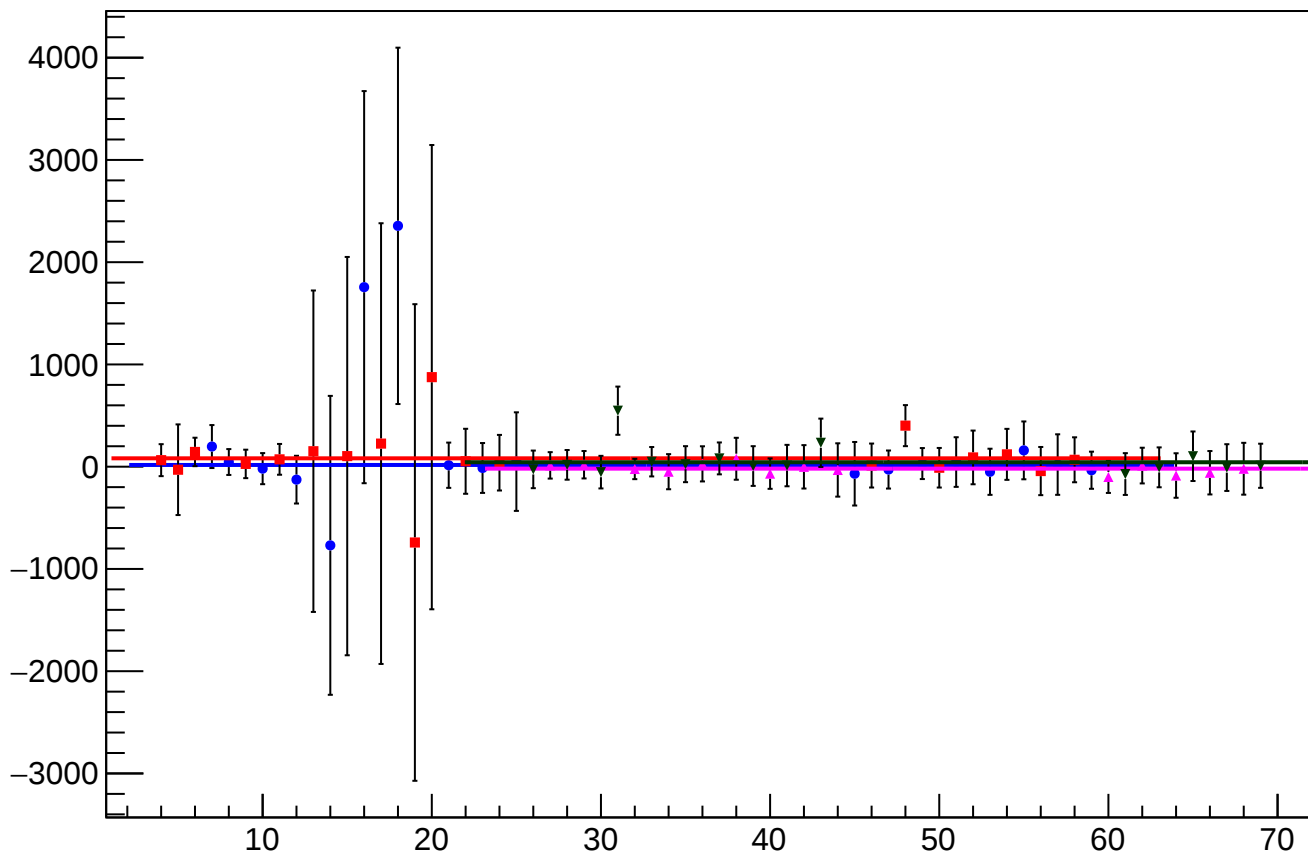
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 20.858+/-0.005 χ^2/NDF : 311330.7/13

22.160+/-0.004 χ^2/NDF : 5359315.4/32

21.932+/-0.004 χ^2/NDF : 5975841.1/32

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 43.477+/-48.063 χ^2/NDF : 6.4/14

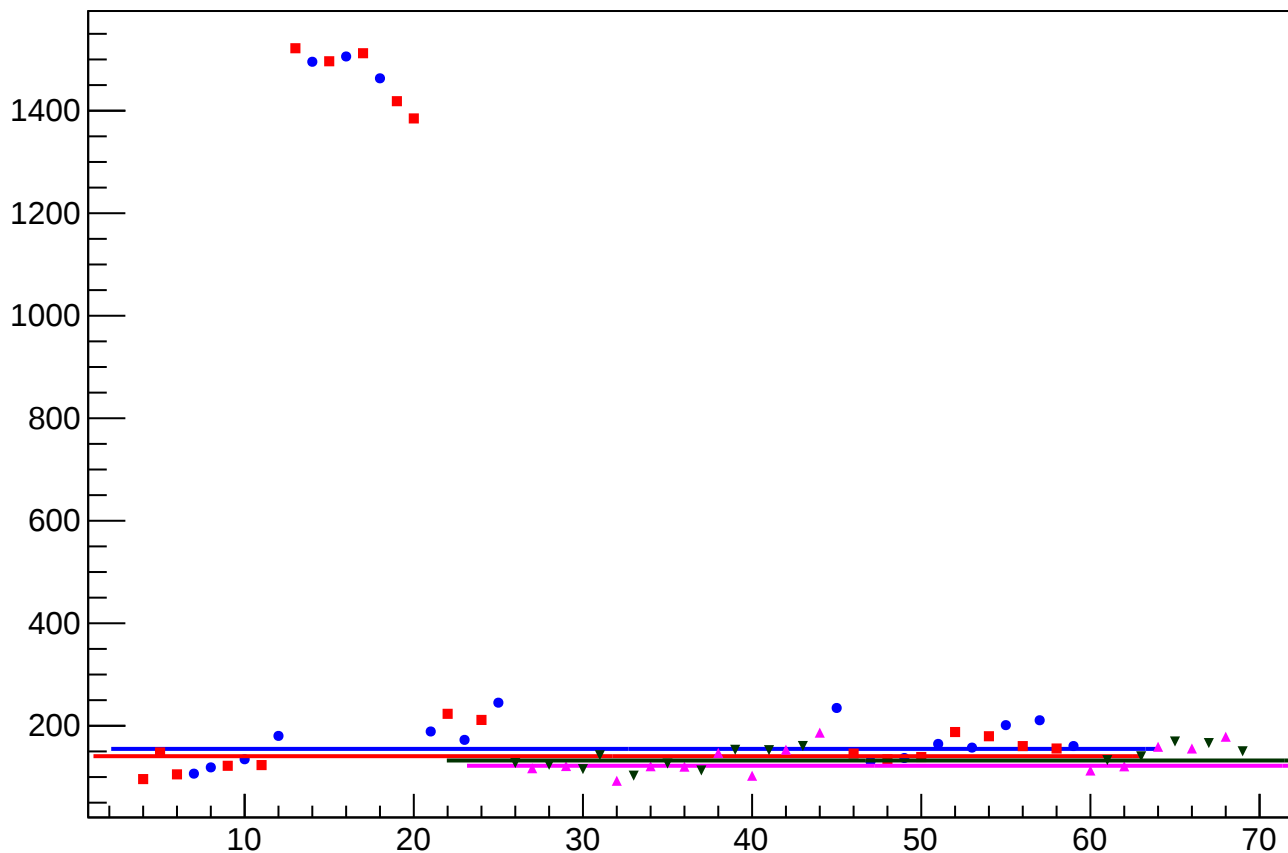
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -19.230+/-43.731 χ^2/NDF : 1.0/13

31.372+/-35.447 χ^2/NDF : 11.3/32

22.043+/-33.644 χ^2/NDF : 7.1/32

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: 132.306 $\pm$ 0.034 χ^2 /NDF: 332192.6/14

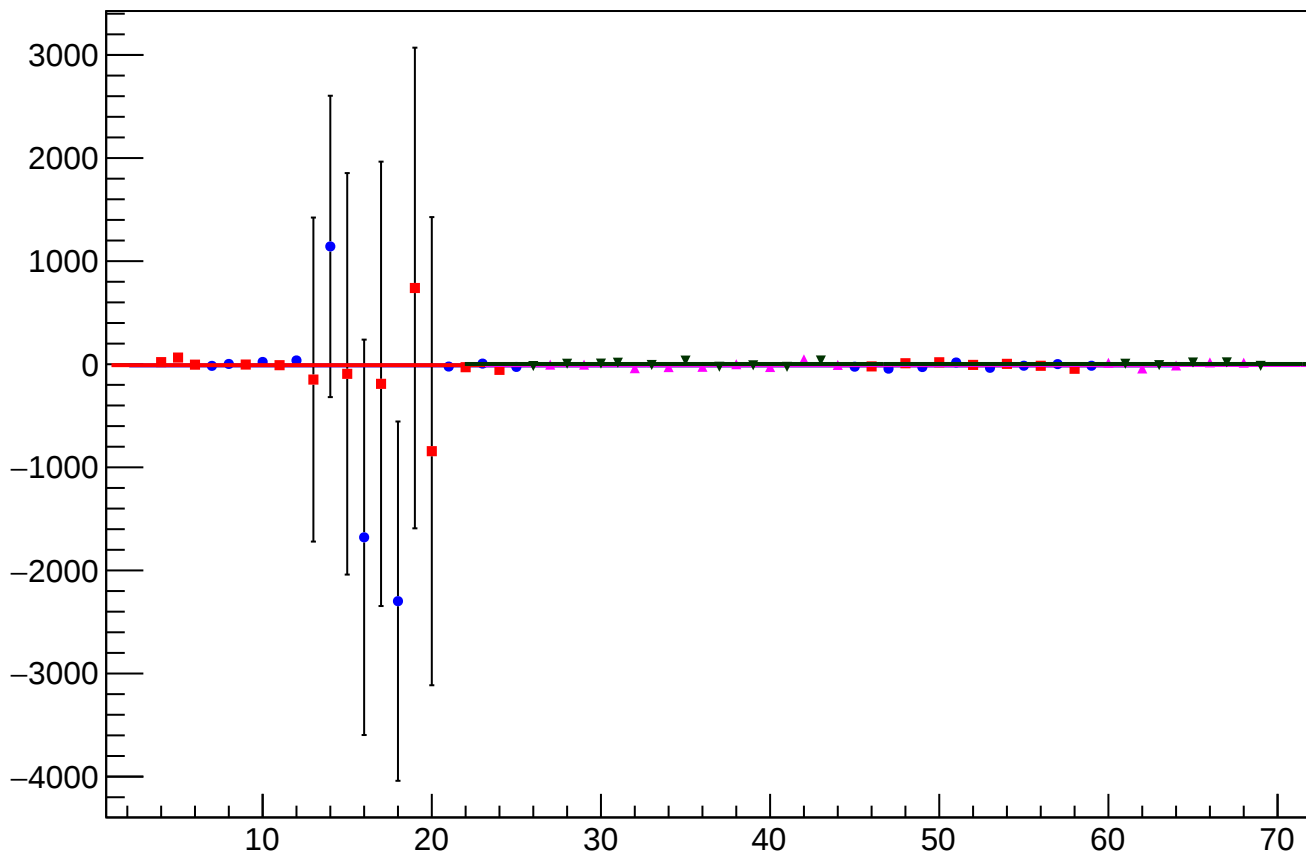
142.632 $\pm$ 0.025 χ^2 /NDF: 5115200.0/32

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

129.652 $\pm$ 0.024 χ^2 /NDF: 6063392.8/32

Left In: 122.028 $\pm$ 0.031 χ^2 /NDF: 622448.3/13

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: 2.495 $\pm$ 5.728 χ^2 /NDF: 11.4/14

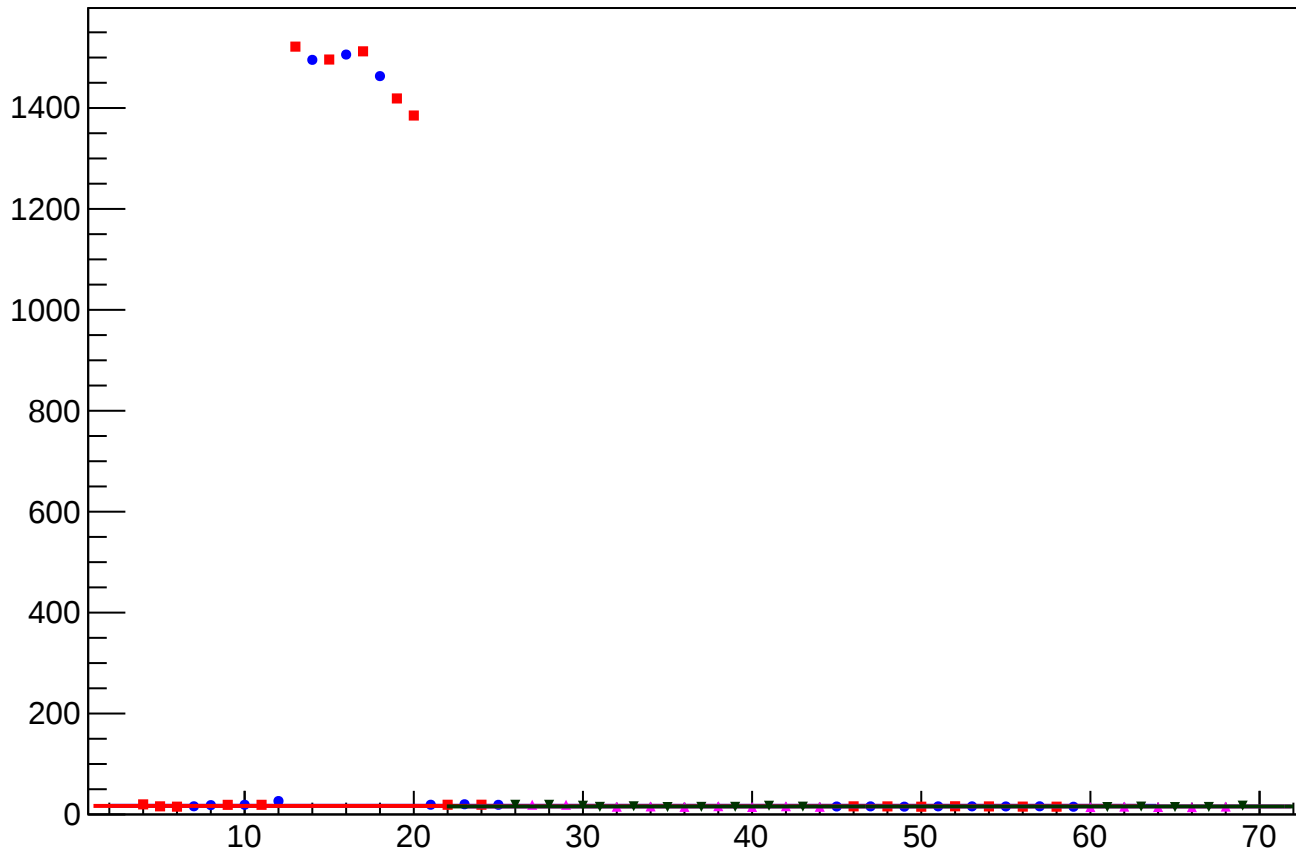
Right Out: -8.864 $\pm$ 6.293 χ^2 /NDF: 13.3/18

Left In: -7.627 $\pm$ 5.574 χ^2 /NDF: 18.0/13

-4.364 $\pm$ 4.066 χ^2 /NDF: 29.2/32

-8.171 $\pm$ 4.173 χ^2 /NDF: 31.3/32

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.094+/-0.004 χ^2/NDF : 4922010.4/17

Left Out: 15.902+/-0.004 χ^2/NDF :128040.3/14

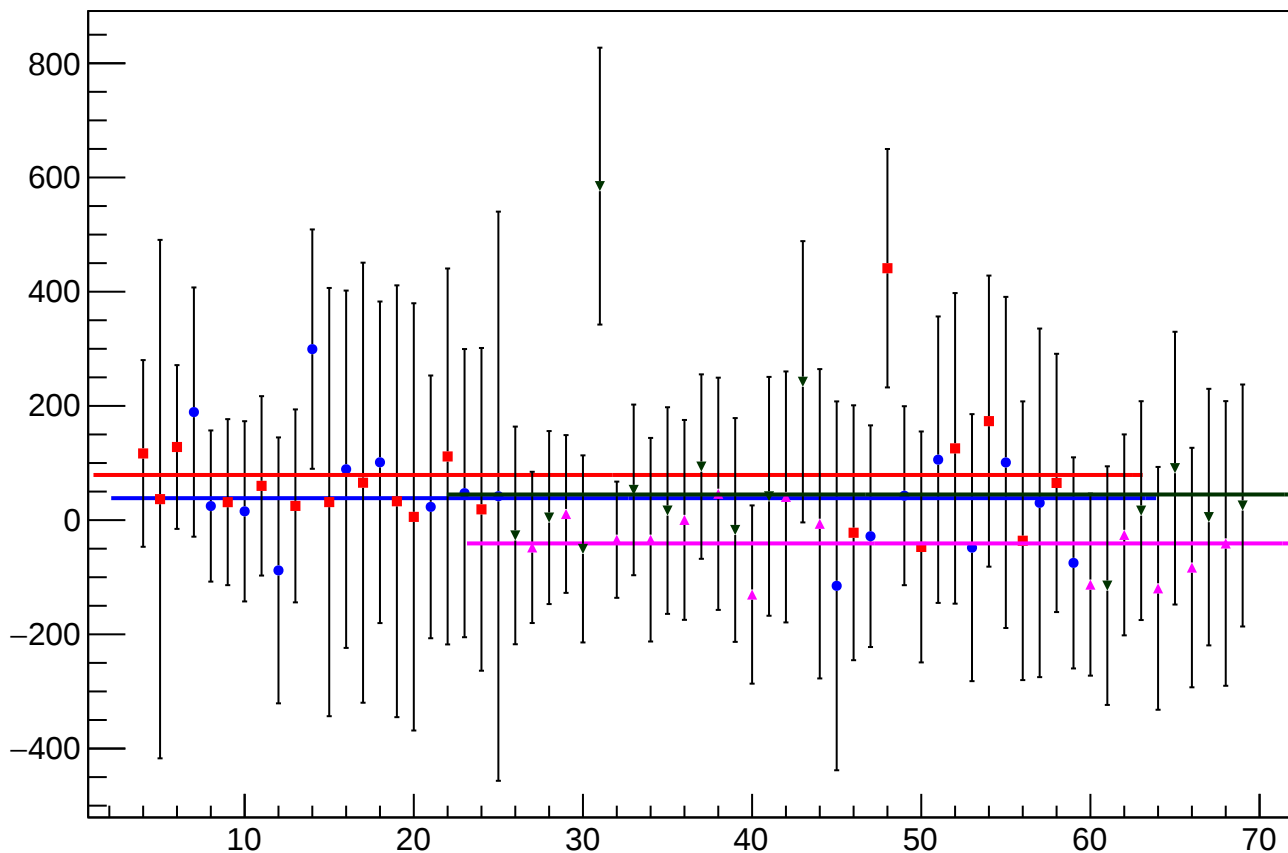
16.494+/-0.003 χ^2/NDF : 5093013.8/32

Right Out: 16.920+/-0.004 χ^2/NDF : 5539958.1/18

16.344+/-0.003 χ^2/NDF : 5706629.6/32

Left In: 15.893+/-0.004 χ^2/NDF :136854.7/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 38.450+/-51.040 χ^2/NDF : 3.4/17

Left Out: 44.902+/-49.133 χ^2/NDF : 7.1/14

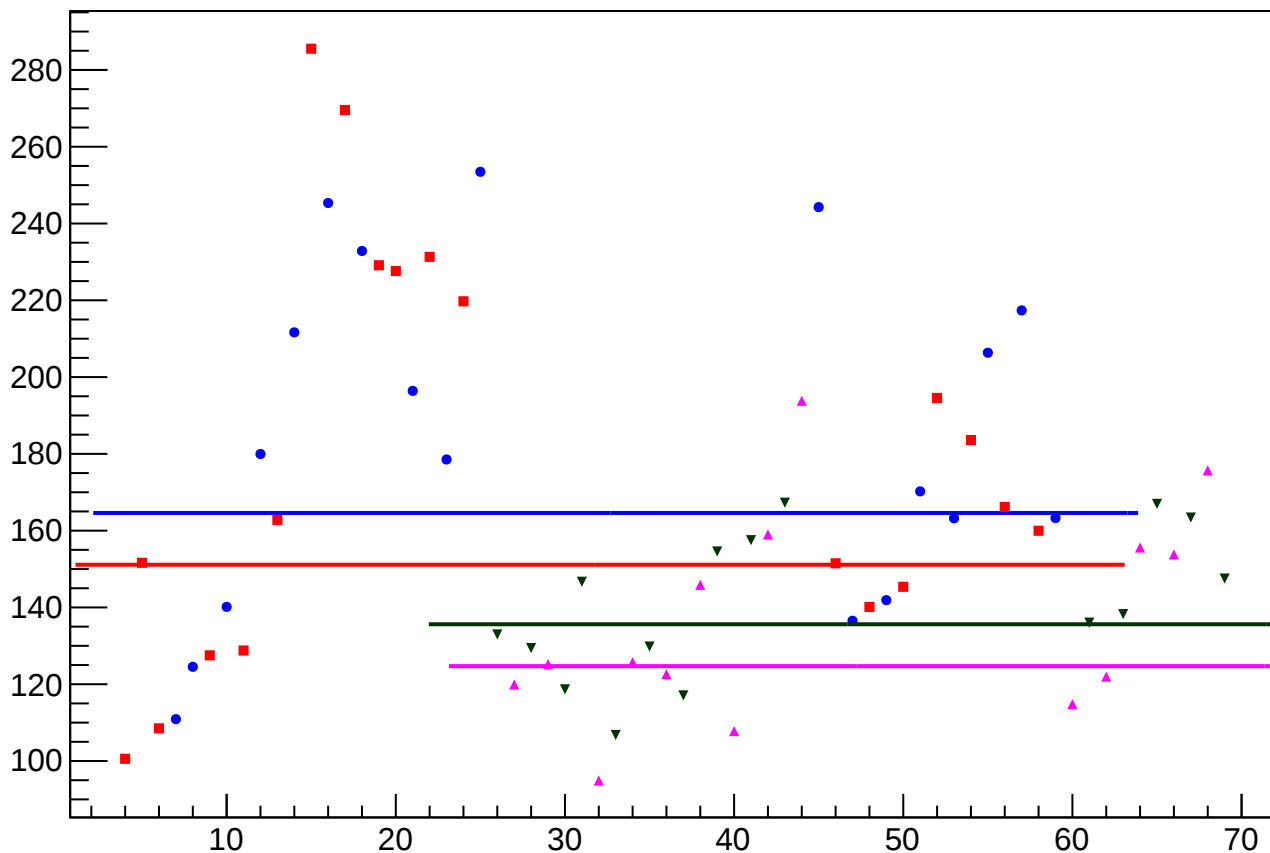
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -40.789+/-44.618 χ^2/NDF : 1.3/13

41.799+/-35.397 χ^2/NDF : 10.5/32

12.072+/-33.359 χ^2/NDF : 9.0/32

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: 135.617 $\pm$ 0.035 χ^2 /NDF: 277697.8/14

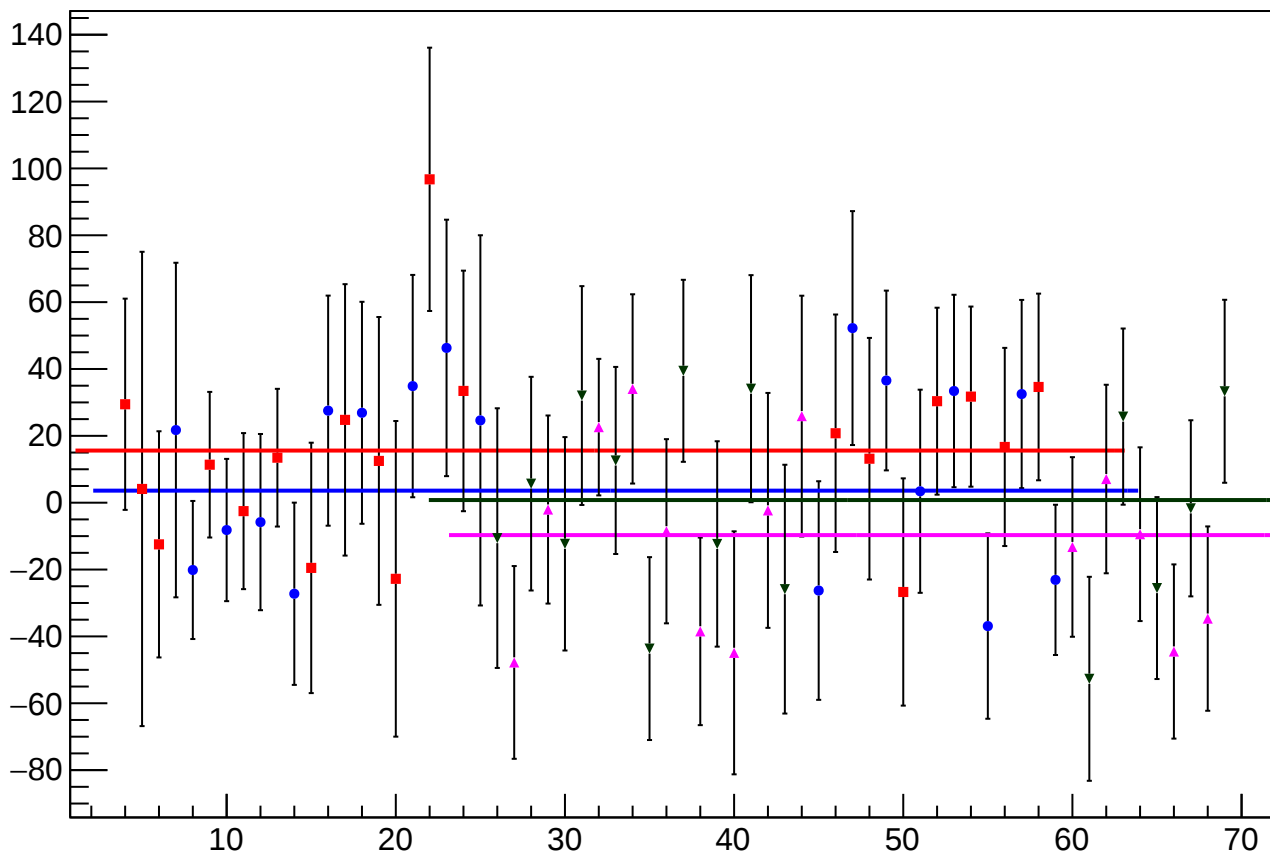
Right Out: 151.124 $\pm$ 0.036 χ^2 /NDF: 1423423.3/18

Left In: 124.714 $\pm$ 0.032 χ^2 /NDF: 571381.4/13

149.563 $\pm$ 0.025 χ^2 /NDF: 1741254.7/32

136.361 $\pm$ 0.024 χ^2 /NDF: 2303819.5/32

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: 0.792 $\pm$ 7.714 χ^2 /NDF:14.0/14

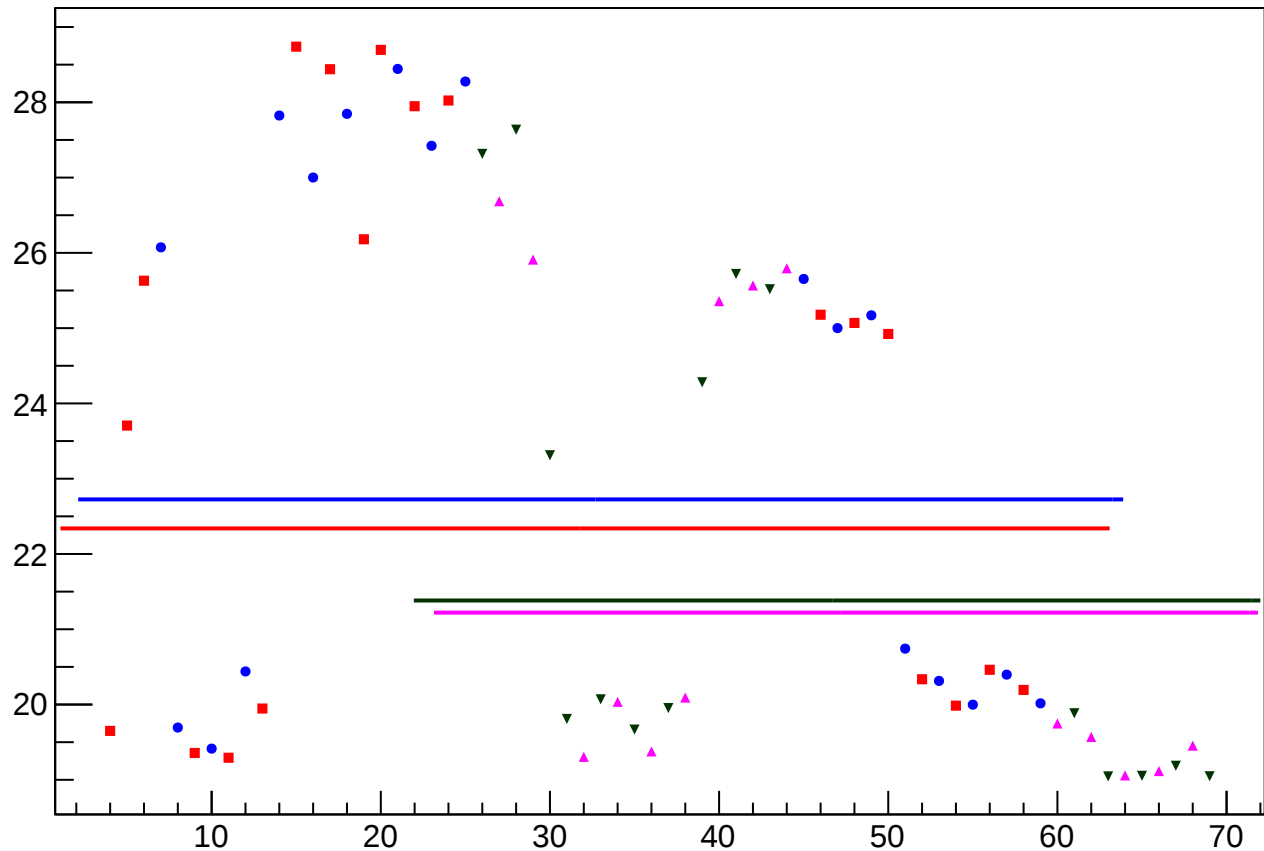
Right Out: 15.596 $\pm$ 7.143 χ^2 /NDF: 10.3/18

Left In: -9.695 $\pm$ 7.464 χ^2 /NDF:12.7/13

2.367 $\pm$ 5.118 χ^2 /NDF: 30.4/32

3.507 $\pm$ 5.161 χ^2 /NDF: 29.0/32

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: 21.382+/-0.005 χ^2/NDF : 291671.0/14

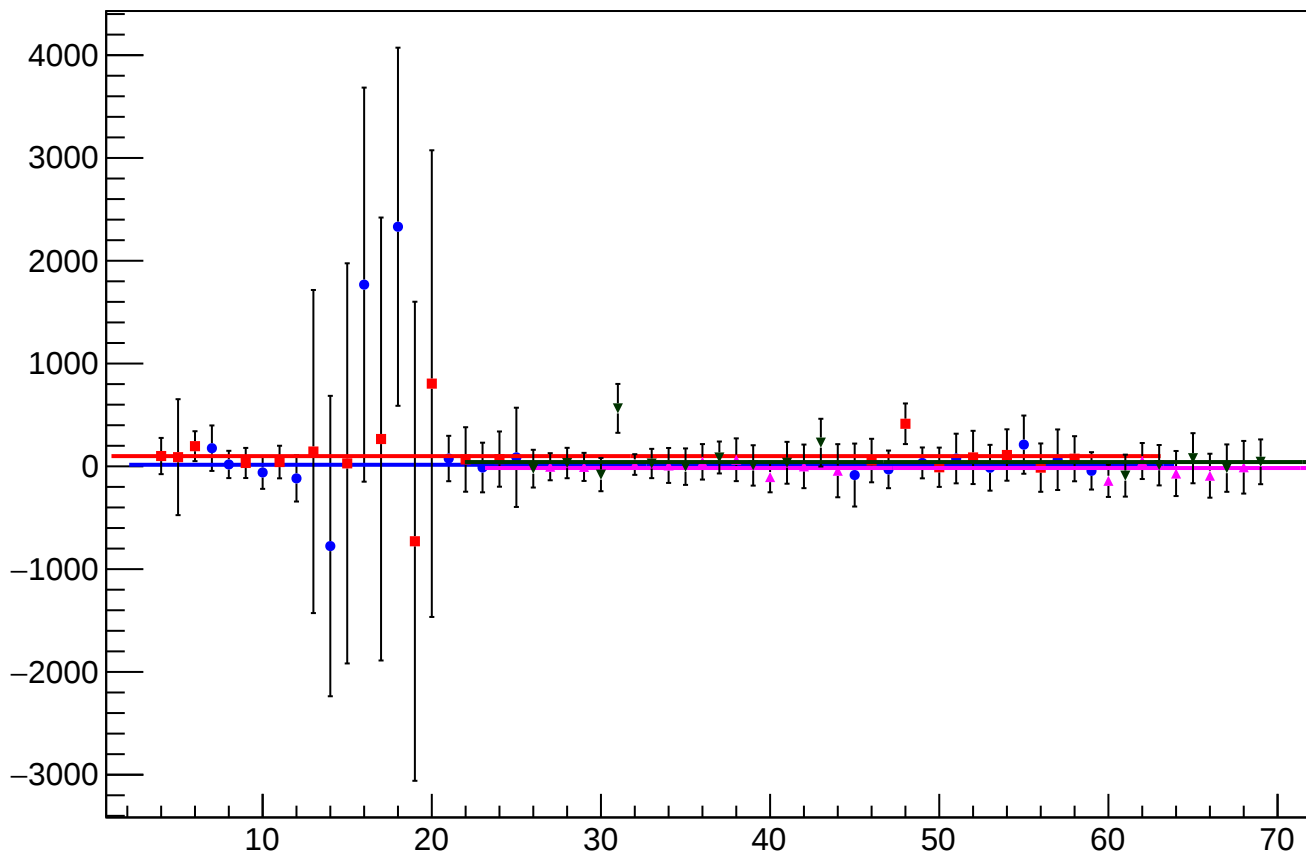
22.134+/-0.004 χ^2/NDF : 824366.8/32

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

21.805+/-0.004 χ^2/NDF : 780886.3/32

Left In: 21.221+/-0.005 χ^2/NDF : 297423.6/13

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: 41.781+/-48.271 χ^2/NDF : 6.9/14

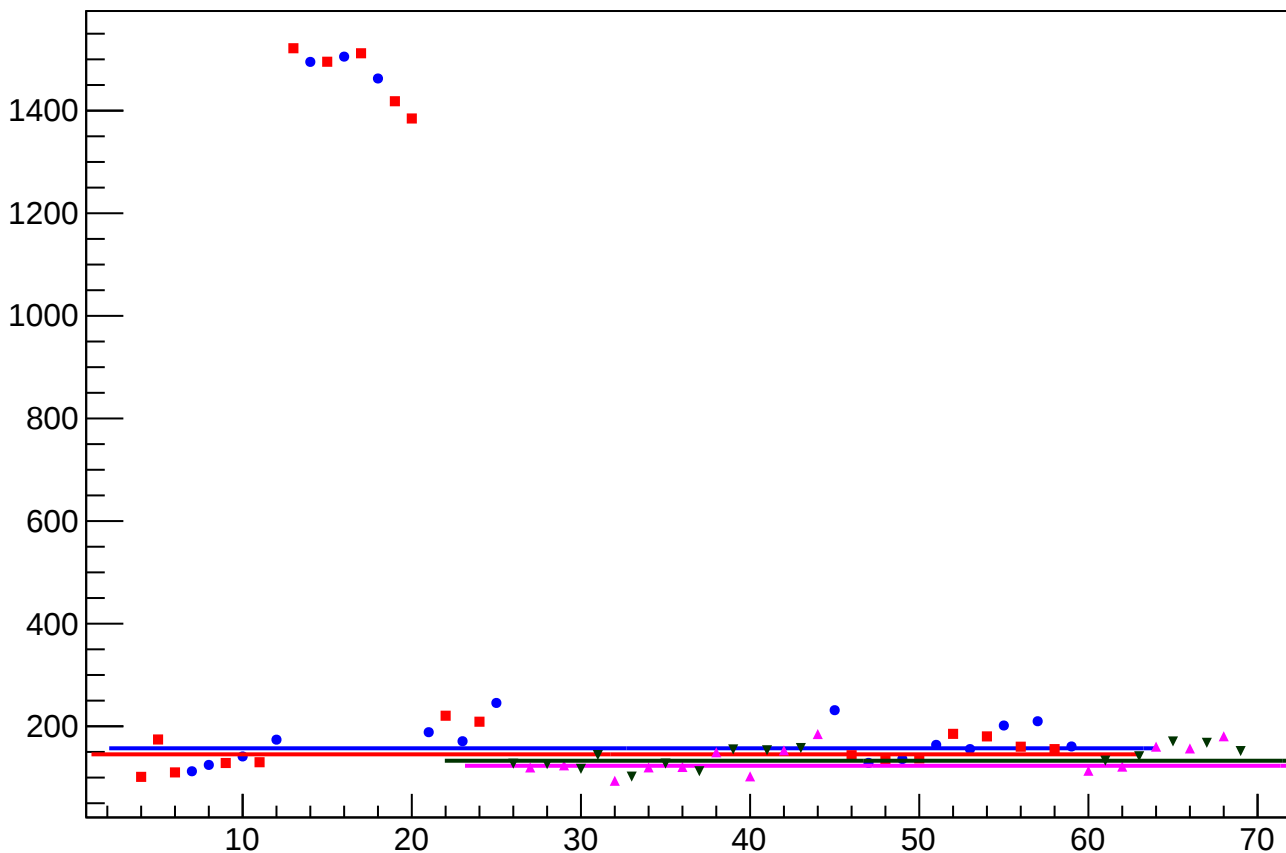
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

Left In: -16.387+/-44.064 χ^2/NDF : 1.8/13

29.732+/-35.693 χ^2/NDF : 12.0/32

29.646+/-34.212 χ^2/NDF : 8.7/32

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: 132.836 $\pm$ 0.034 χ^2 /NDF: 341134.7/14

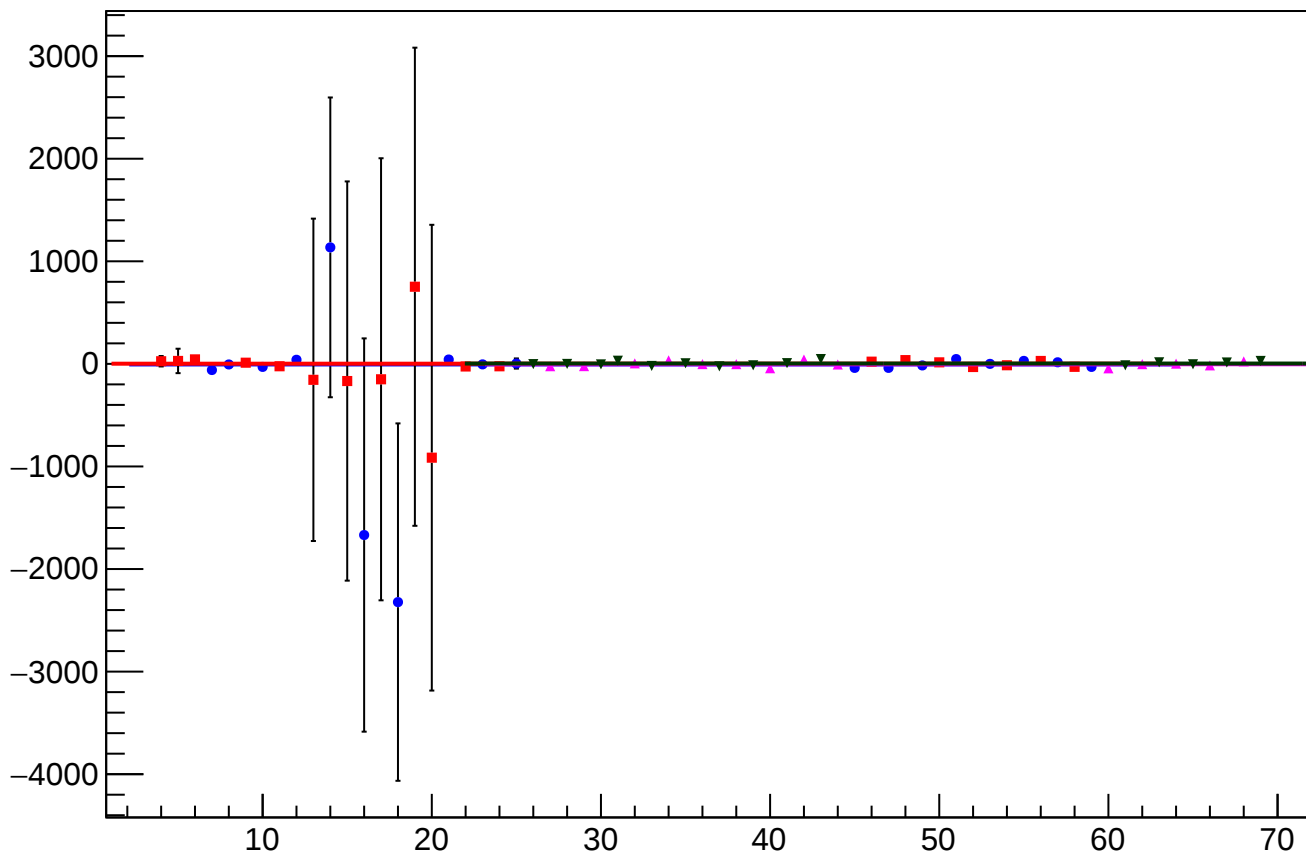
143.828 $\pm$ 0.025 χ^2 /NDF: 5026725.3/32

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

131.866 $\pm$ 0.024 χ^2 /NDF: 5940542.8/32

Left In: 123.016 $\pm$ 0.031 χ^2 /NDF: 613251.9/13

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: 3.305+/-7.451 χ^2 /NDF:6.8/14

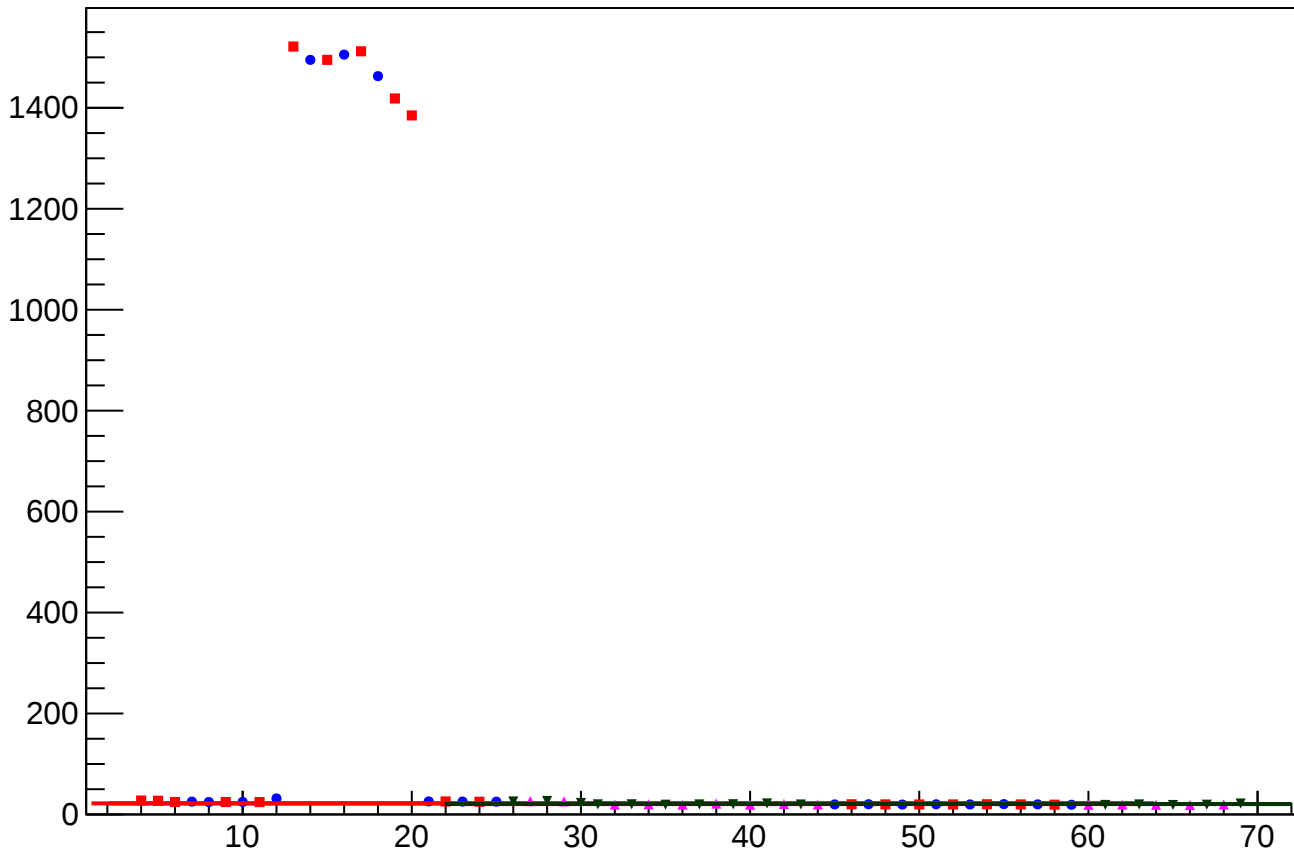
Right Out: 1.722+/-8.261 χ^2 /NDF: 10.4/18

Left In: -3.960+/-7.216 χ^2 /NDF:10.9/13

-1.216+/-5.247 χ^2 /NDF: 26.2/32

-1.501+/-5.435 χ^2 /NDF: 21.5/32

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 21.918+/-0.005 χ^2/NDF : 4931747.1/17

Left Out: 20.693+/-0.005 χ^2/NDF :165451.0/14

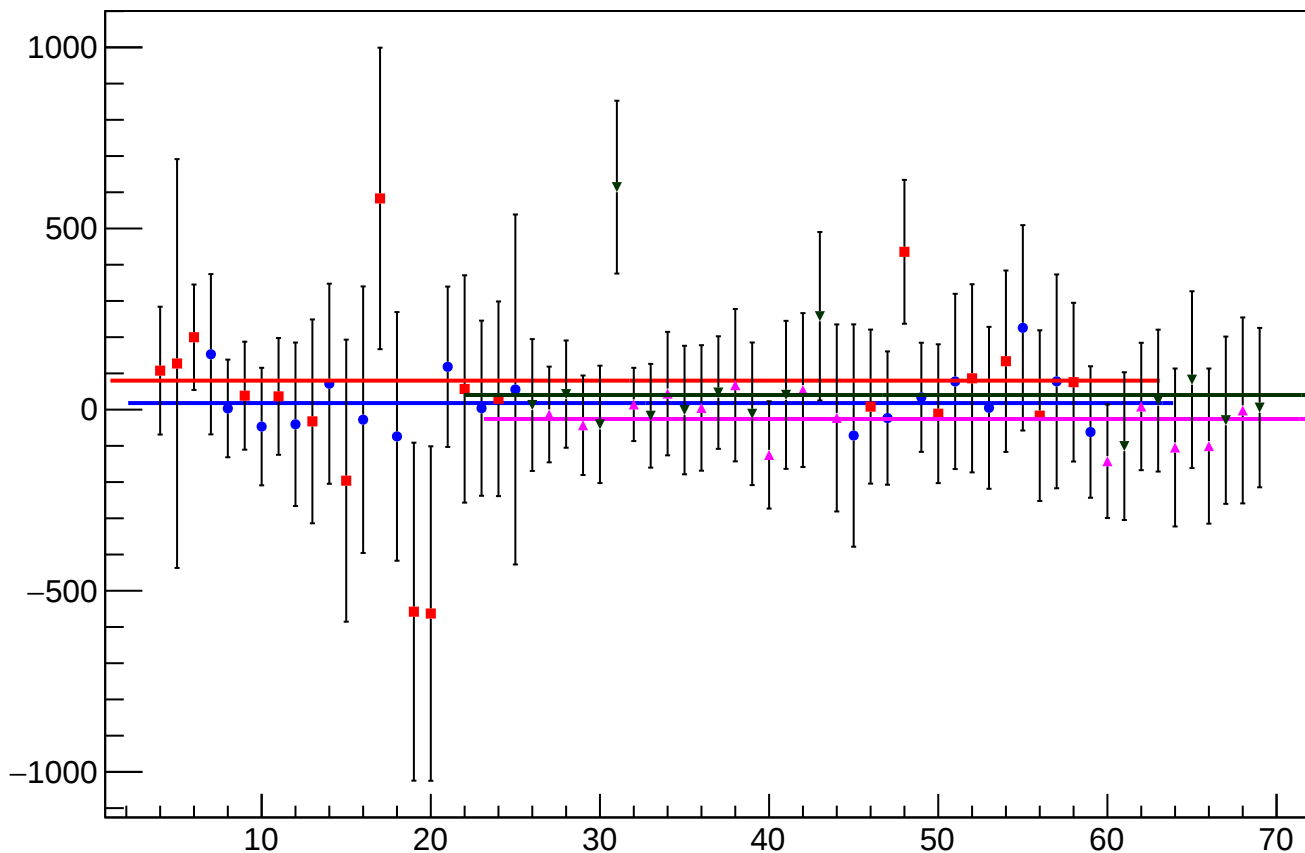
Right Out: 21.987+/-0.006 χ^2/NDF : 5559967.3/18

Left In: 20.562+/-0.005 χ^2/NDF :199628.5/13

21.311+/-0.004 χ^2/NDF : 5124456.9/32

21.179+/-0.004 χ^2/NDF : 5793326.6/32

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: 40.407+/-48.334 χ^2/NDF : 7.8/14

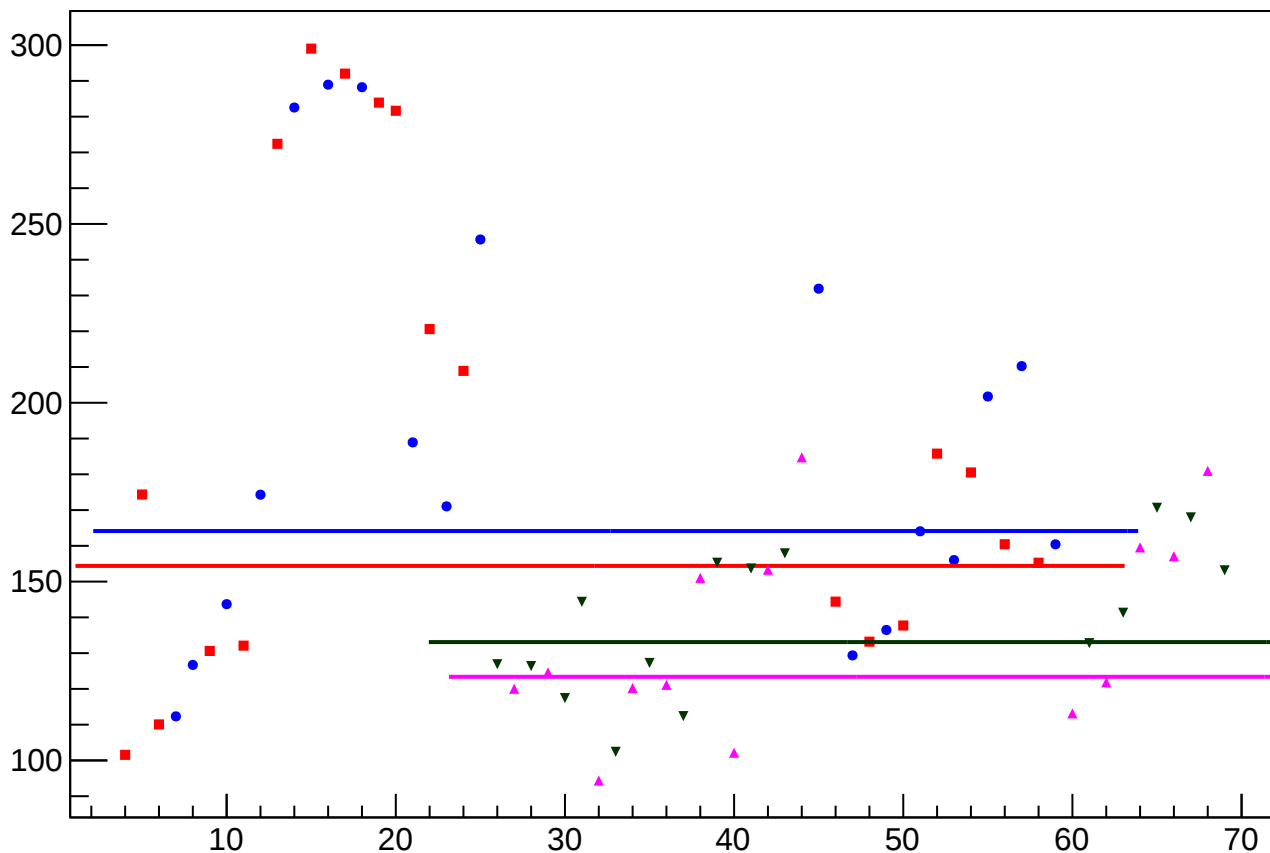
Right Out: 80.043+/-52.081 χ^2/NDF : 10.6/18

Left In: -25.841+/-44.184 χ^2/NDF : 2.0/13

29.927+/-35.189 χ^2/NDF : 9.9/32

18.473+/-33.693 χ^2/NDF : 15.0/32

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 164.140 ± 0.036 χ^2/NDF : 1566554.6/17

Left Out: 133.090 ± 0.034 χ^2/NDF : 340582.0/14

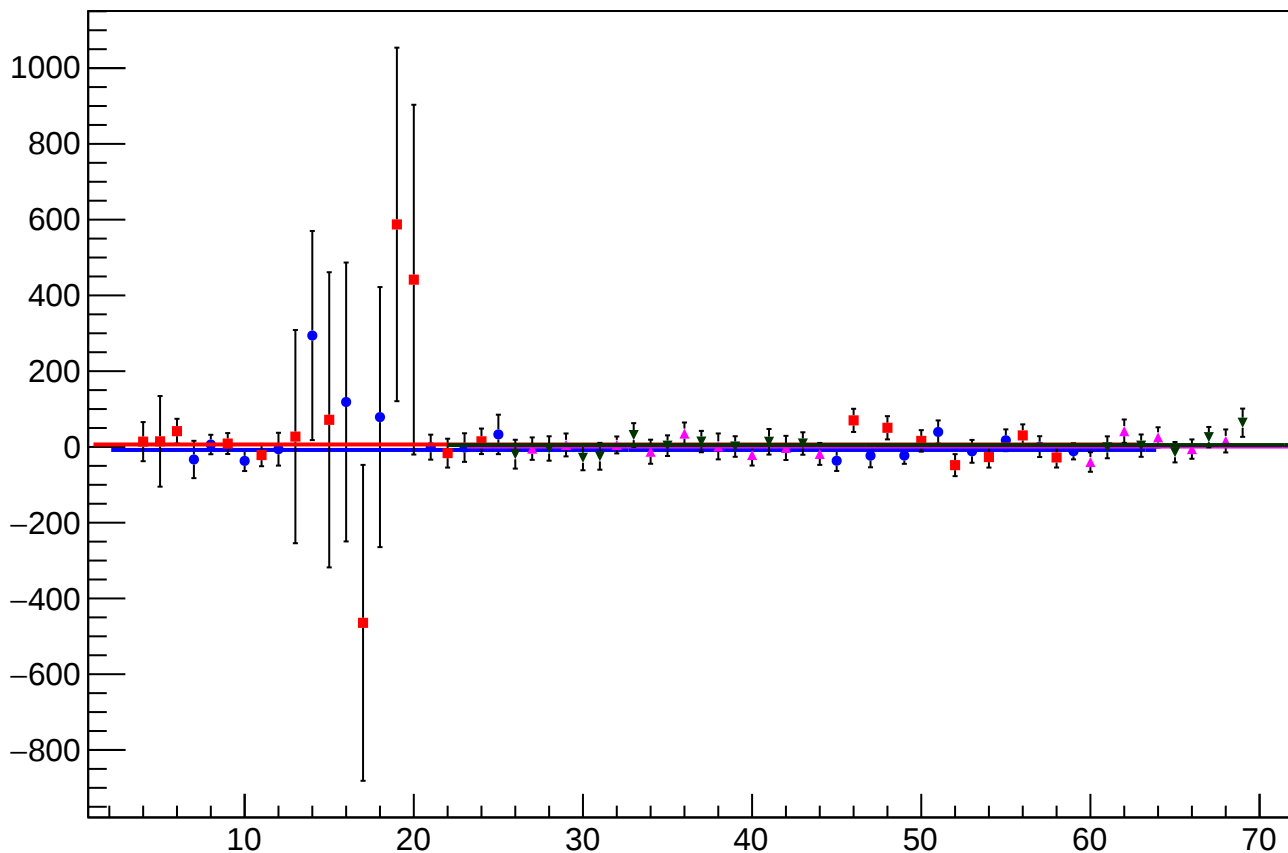
147.681 ± 0.025 χ^2/NDF : 2295013.2/32

Right Out: 154.395 ± 0.037 χ^2/NDF : 1875575.3/18

136.362 ± 0.024 χ^2/NDF : 2897324.3/32

Left In: 123.383 ± 0.031 χ^2/NDF : 609391.6/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.981+/-7.603 χ^2/NDF : 9.0/17

Left Out: 4.928+/-7.862 χ^2/NDF : 6.8/14

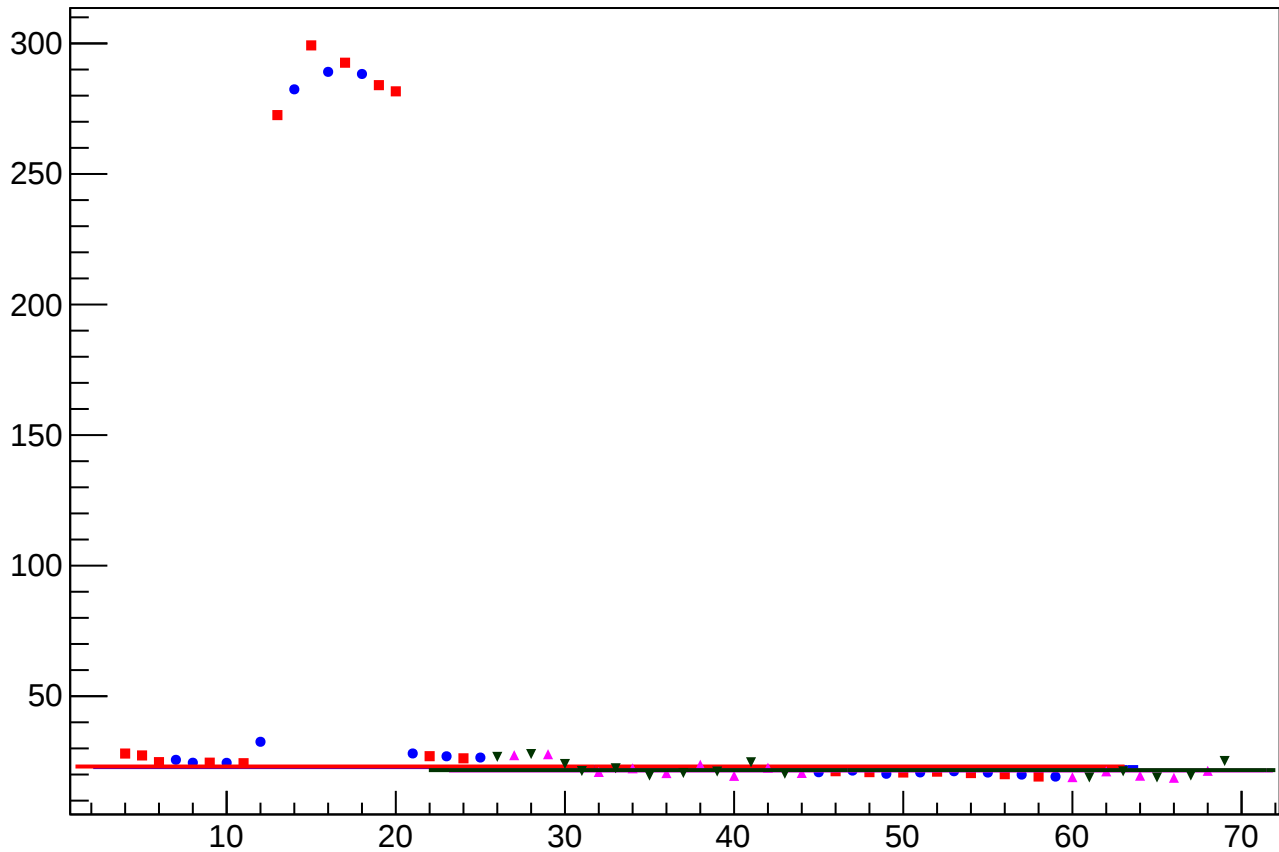
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: 0.975+/-7.609 χ^2/NDF : 8.1/13

-1.743+/-5.466 χ^2/NDF : 17.2/32

3.423+/-5.663 χ^2/NDF : 28.4/32

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 22.854+/-0.005 χ^2/NDF : 4363507.8/17

Left Out: 21.685+/-0.006 χ^2/NDF : 226128.6/14

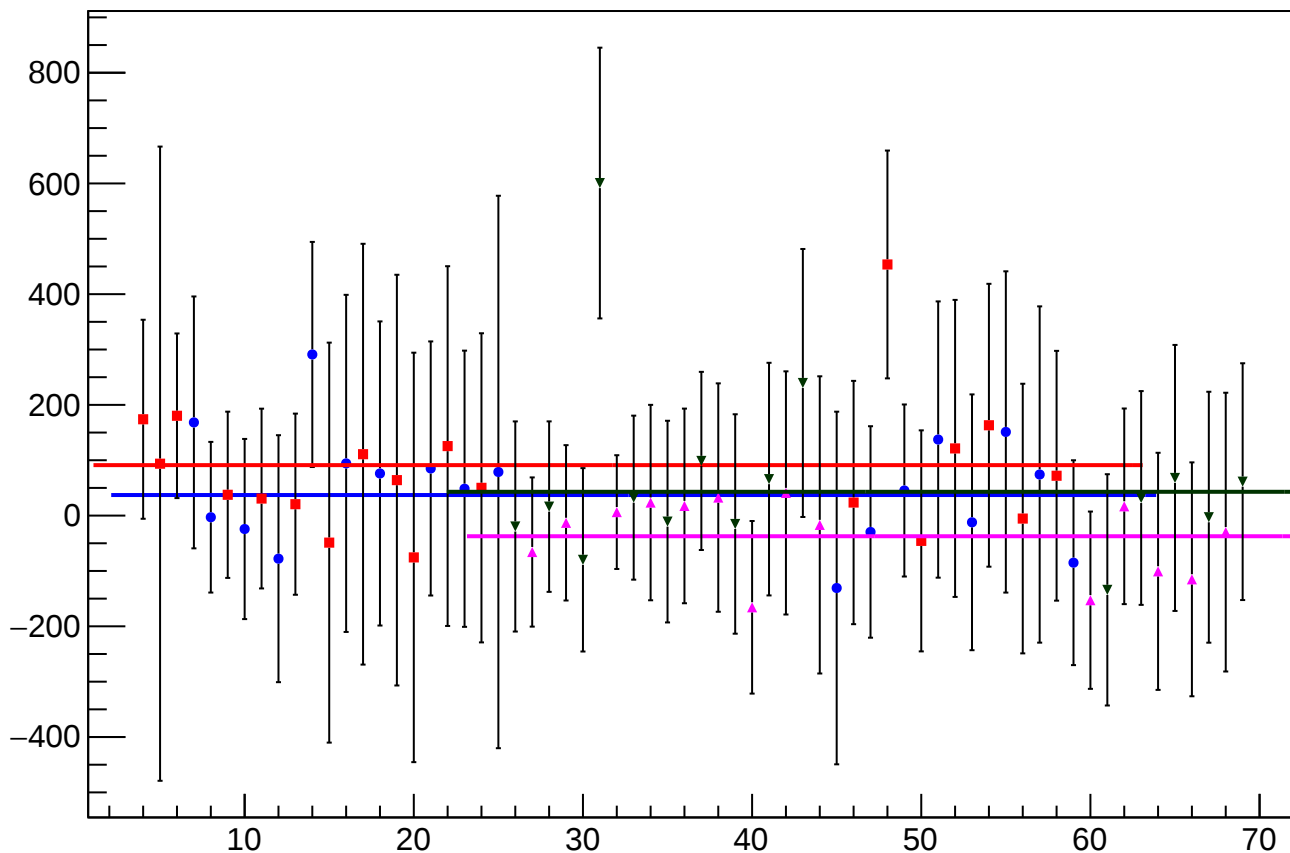
22.289+/-0.004 χ^2/NDF : 4612469.3/32

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

22.223+/-0.004 χ^2/NDF : 5138933.3/32

Left In: 21.543+/-0.005 χ^2/NDF : 246322.6/13

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: 42.992+/-49.325 χ^2/NDF : 7.6/14

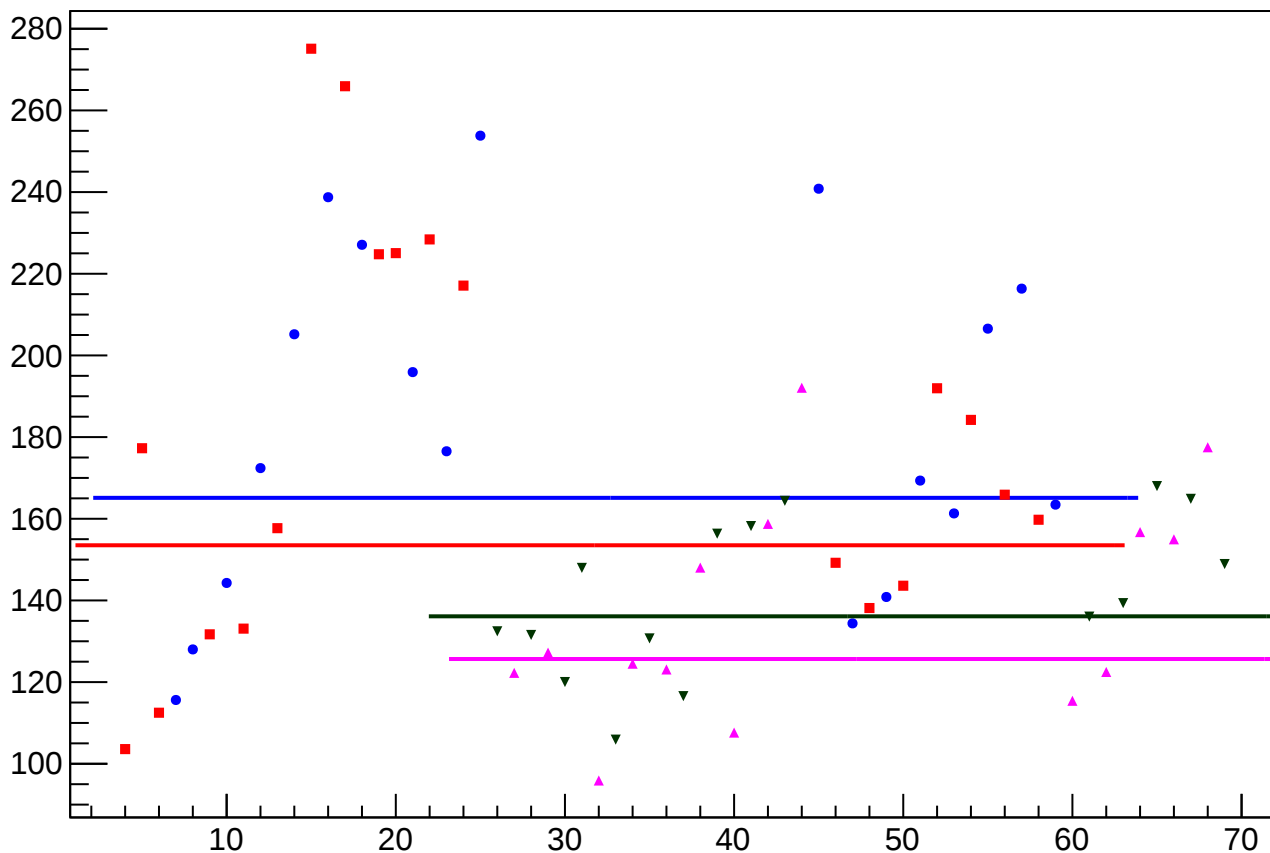
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -37.292+/-44.933 χ^2/NDF : 2.2/13

40.172+/-35.468 χ^2/NDF : 11.4/32

18.924+/-33.695 χ^2/NDF : 11.2/32

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: 136.110+/-0.035 χ^2/NDF : 285997.7/14

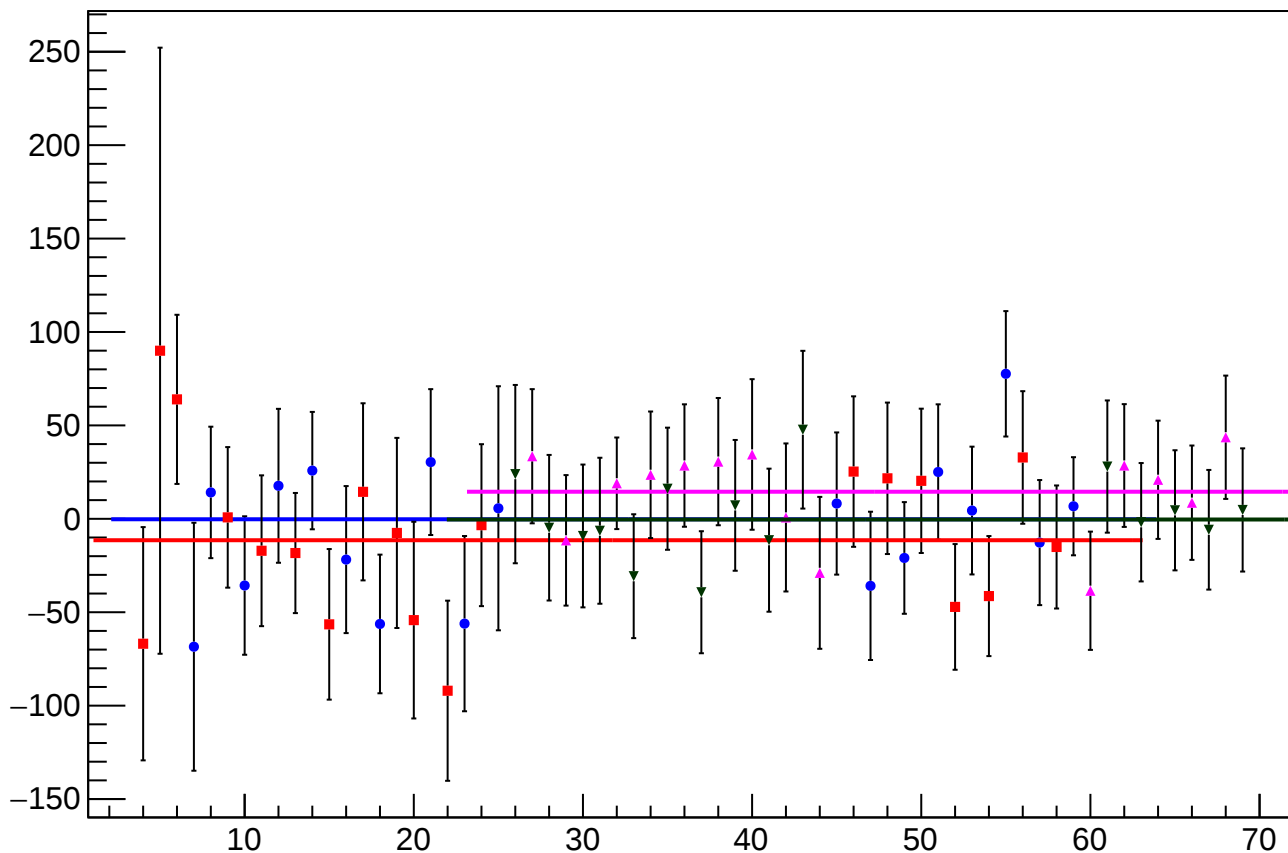
150.122+/-0.025 χ^2/NDF : 1610883.1/32

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

137.846+/-0.024 χ^2/NDF : 2137071.5/32

Left In: 125.657+/-0.032 χ^2/NDF : 562157.0/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: -0.369 ± 9.152 χ^2/NDF : 5.0/14

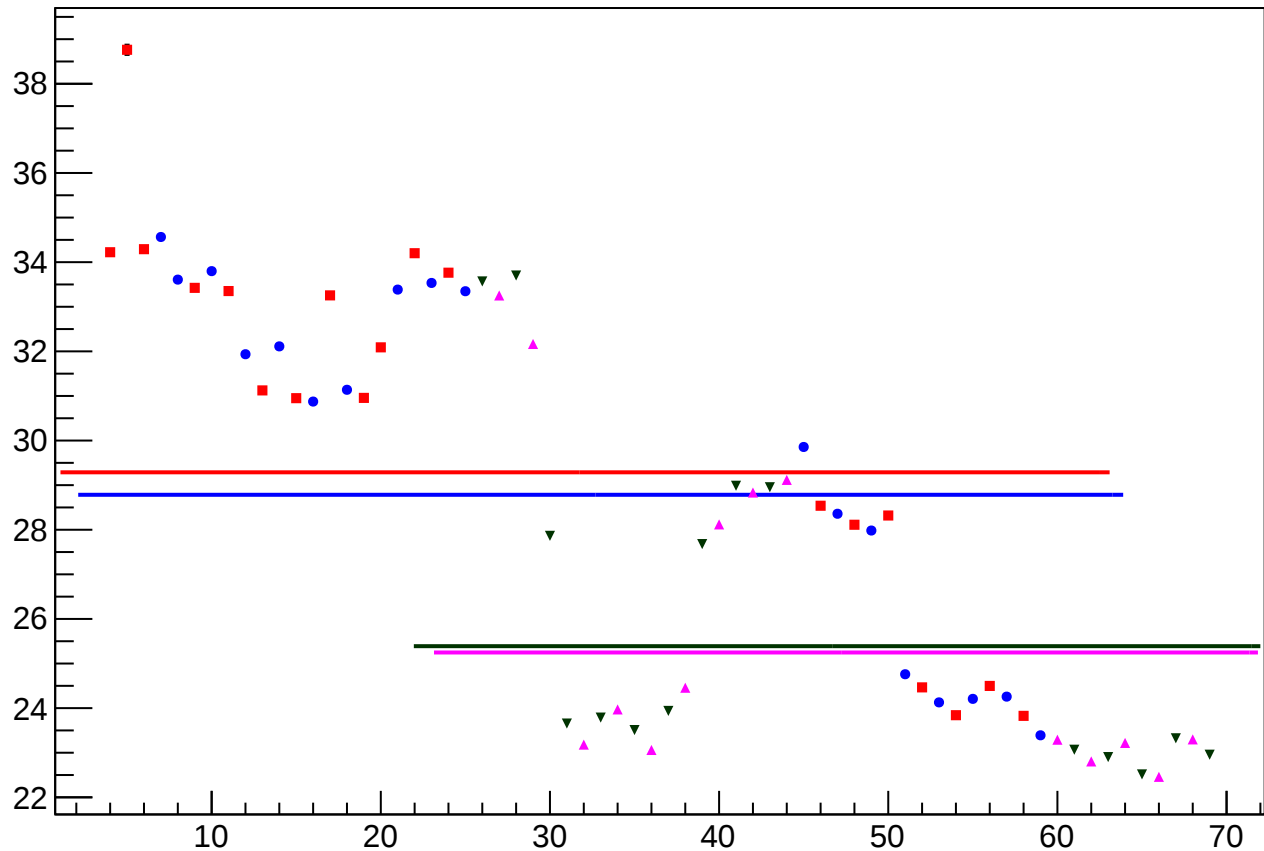
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

Left In: 14.498 ± 8.876 χ^2/NDF : 6.7/13

-0.300 ± 6.285 χ^2/NDF : 20.1/32

2.268 ± 6.455 χ^2/NDF : 25.6/32

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 25.389 ± 0.006 χ^2/NDF : 273936.9/14

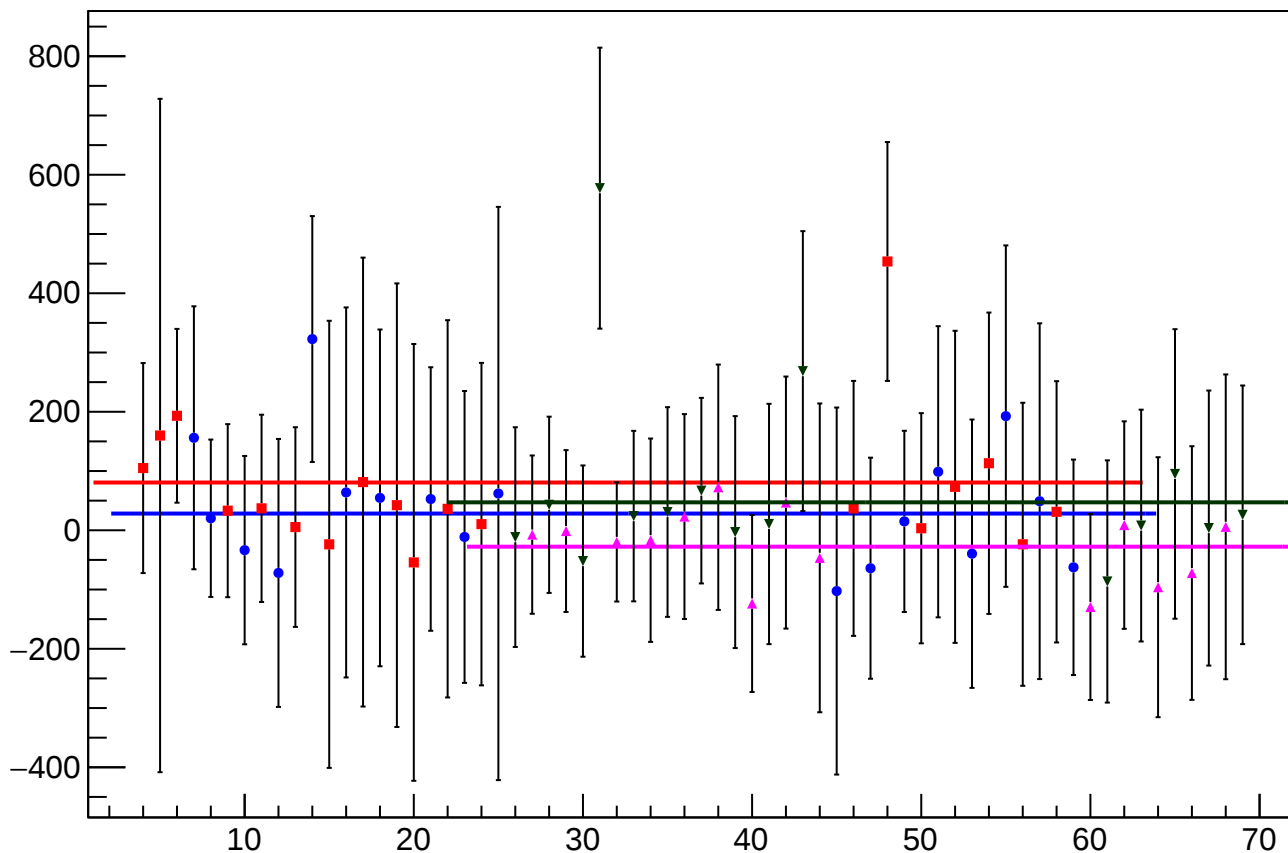
Right Out: 29.288 ± 0.007 χ^2/NDF : 355757.4/18

Left In: 25.248 ± 0.006 χ^2/NDF : 300039.2/13

27.183 ± 0.004 χ^2/NDF : 837835.2/32

27.151 ± 0.005 χ^2/NDF : 850979.7/32

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: 47.148+/-48.435 χ^2/NDF : 7.1/14

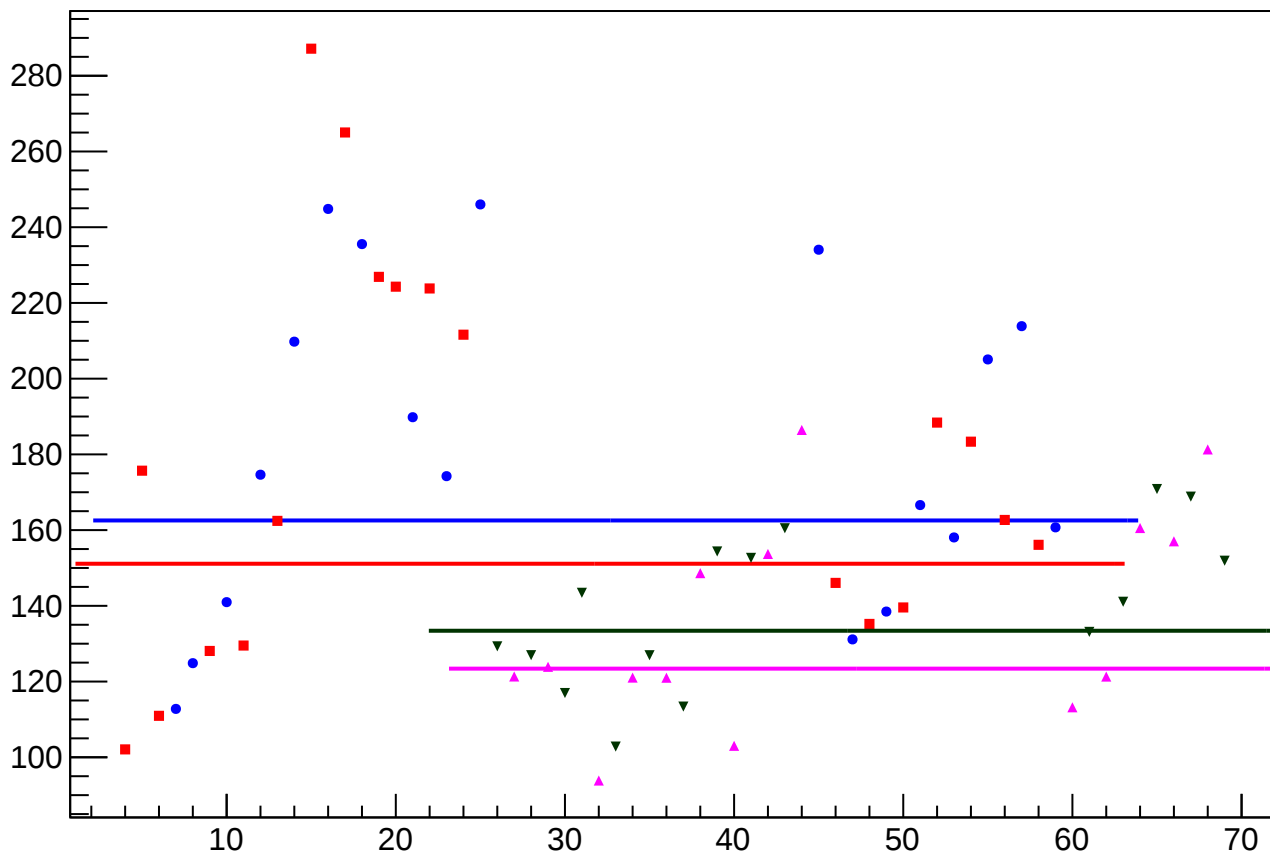
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -27.695+/-44.199 χ^2/NDF : 1.6/13

38.054+/-34.907 χ^2/NDF : 11.1/32

19.557+/-33.185 χ^2/NDF : 9.4/32

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 162.548 ± 0.036 $\chi^2/\text{NDF}: 1089314.8/17$

Left Out: 133.419 ± 0.034 $\chi^2/\text{NDF}: 333110.2/14$

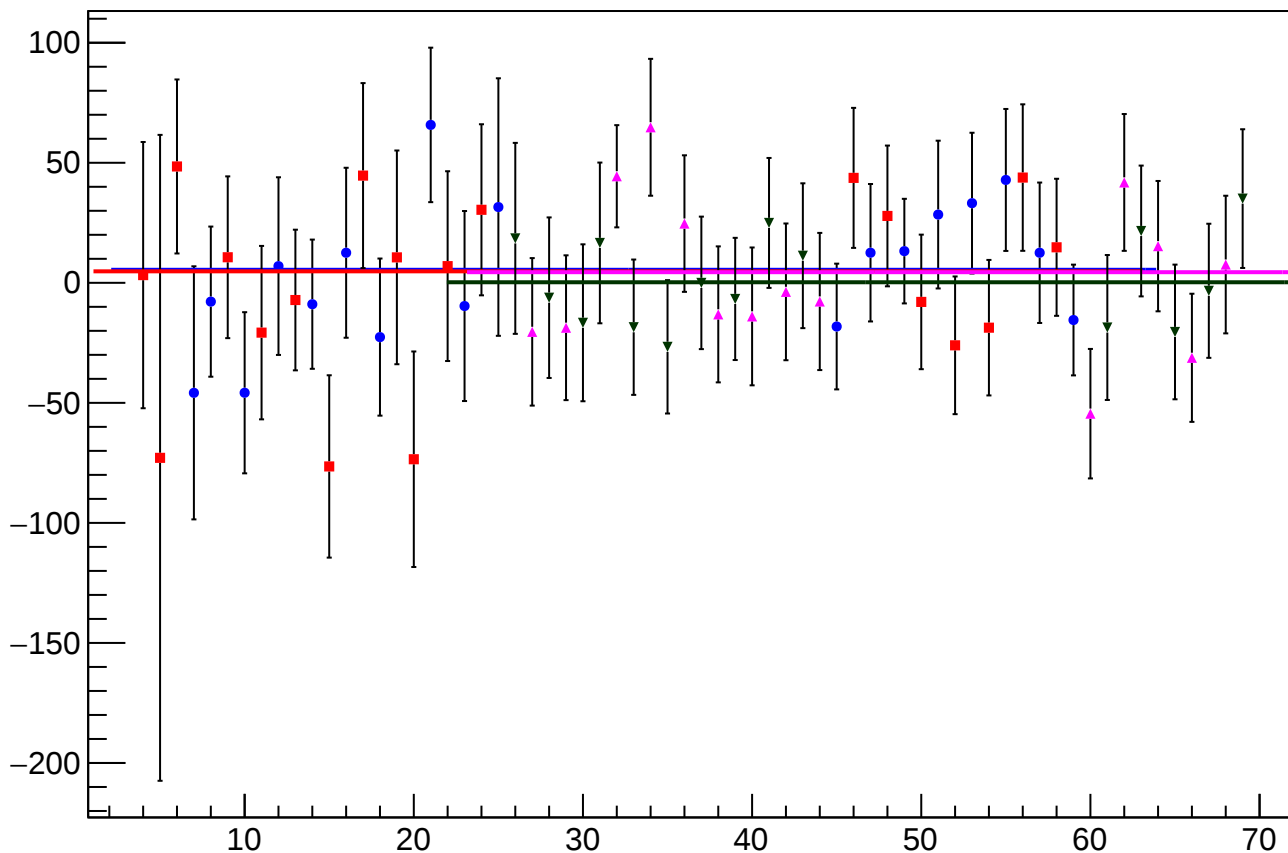
Right Out: 151.117 ± 0.036 $\chi^2/\text{NDF}: 1306443.7/18$

Left In: 123.412 ± 0.031 $\chi^2/\text{NDF}: 615283.7/13$

147.418 ± 0.025 $\chi^2/\text{NDF}: 1770080.9/32$

135.499 ± 0.023 $\chi^2/\text{NDF}: 2264575.5/32$

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 5.427 ± 7.205 χ^2/NDF : 13.4/17

Left Out: 0.233 ± 7.575 χ^2/NDF : 6.2/14

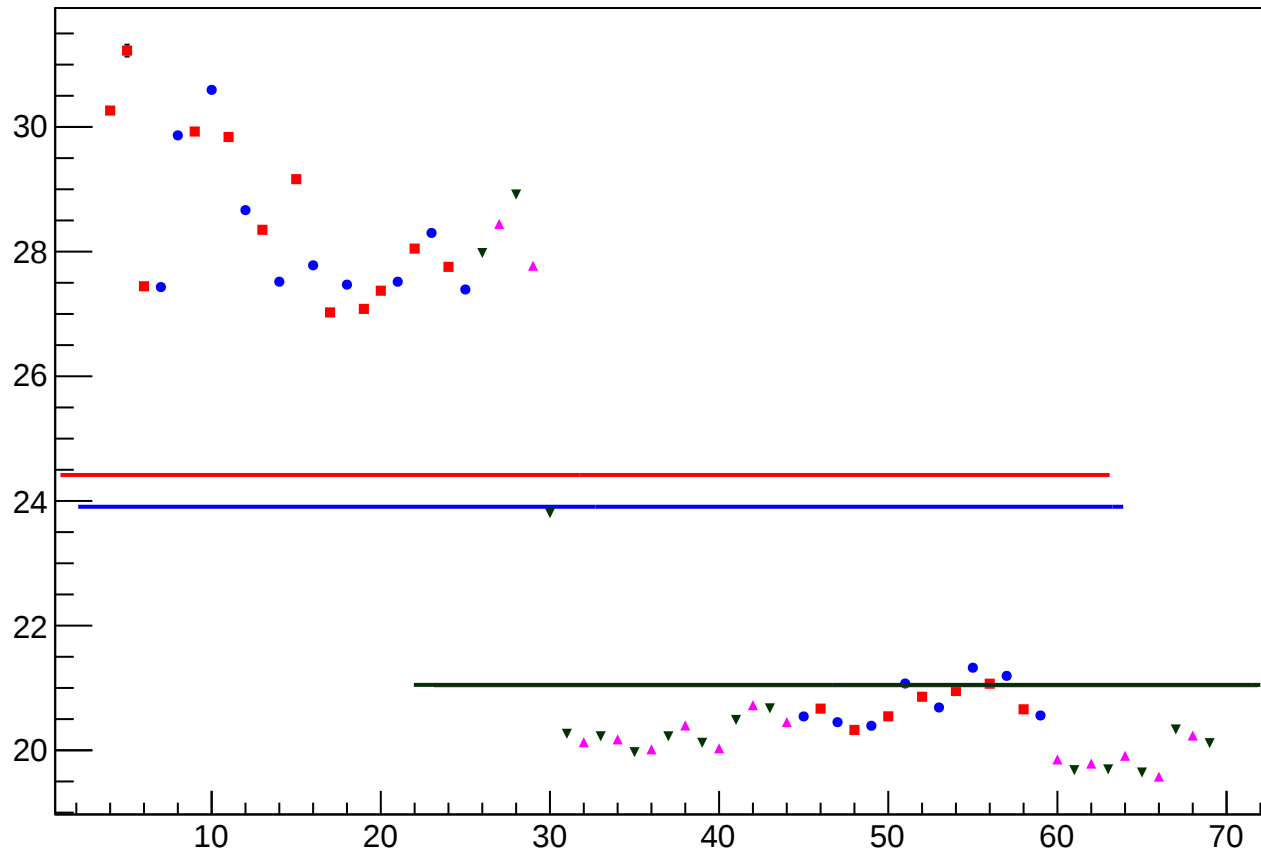
Right Out: 4.784 ± 7.872 χ^2/NDF : 17.9/18

Left In: 4.425 ± 7.385 χ^2/NDF : 19.3/13

2.960 ± 5.221 χ^2/NDF : 19.8/32

4.593 ± 5.386 χ^2/NDF : 37.2/32

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: 21.049 $\pm$ 0.005 χ^2 /NDF: 214568.1/14

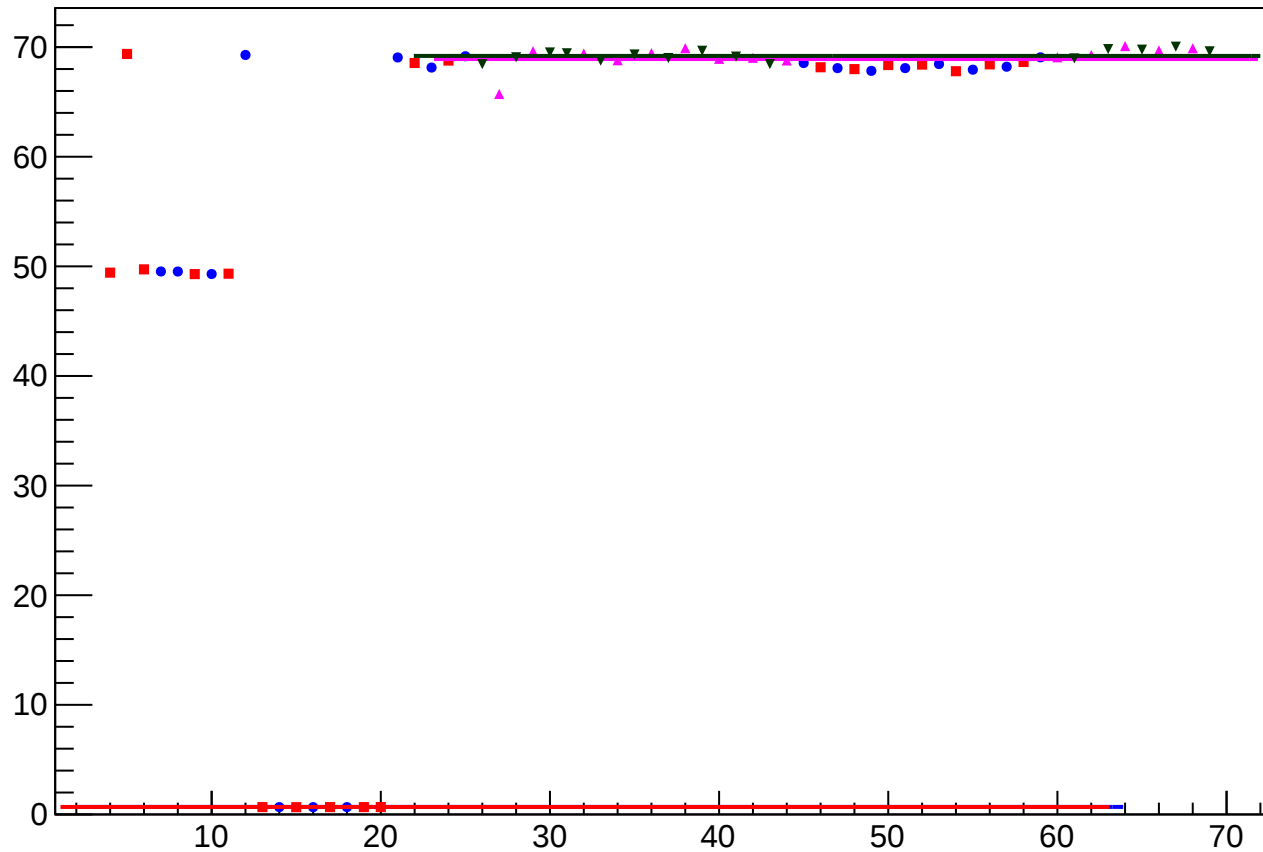
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 21.042 $\pm$ 0.005 χ^2 /NDF: 247356.7/13

22.550 $\pm$ 0.004 χ^2 /NDF: 929889.7/32

22.622 $\pm$ 0.004 χ^2 /NDF: 939330.0/32

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.197 ± 0.000 χ^2/NDF : 39898534.7/14

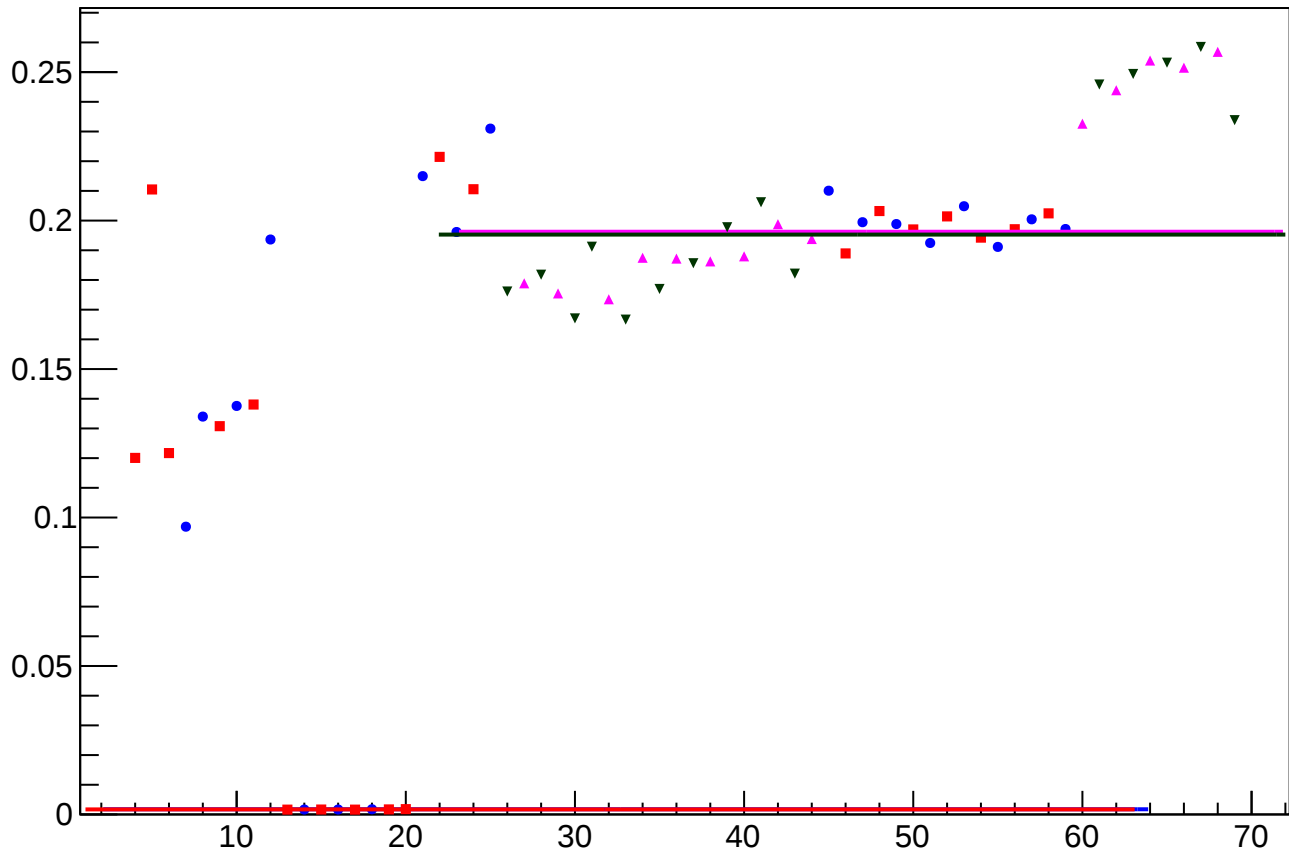
0.704 ± 0.000 χ^2/NDF : 1953008000589.9/32

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

0.698 ± 0.000 χ^2/NDF : 1795890176513.1/32

Left In: 68.914 ± 0.000 χ^2/NDF : 324711373.9/13

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.195 $\pm$ 0.000 χ^2 /NDF:322236.7/14

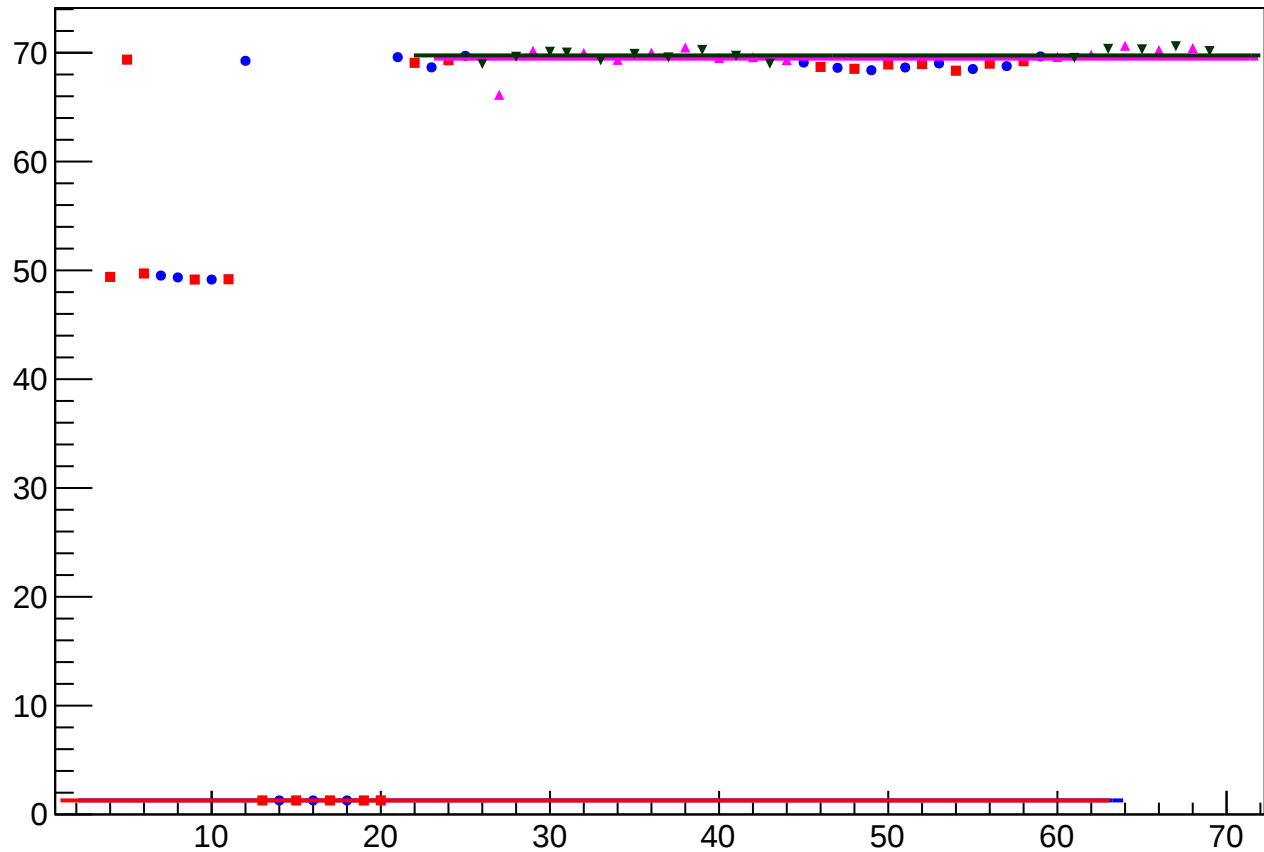
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 13510450.3/18

Left In: 0.196 $\pm$ 0.000 χ^2 /NDF:301348.1/13

0.002 $\pm$ 0.000 χ^2 /NDF: 31840620.8/32

0.002 $\pm$ 0.000 χ^2 /NDF: 29253859.0/32

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.754+/-0.000 χ^2/NDF : 39497259.5/14

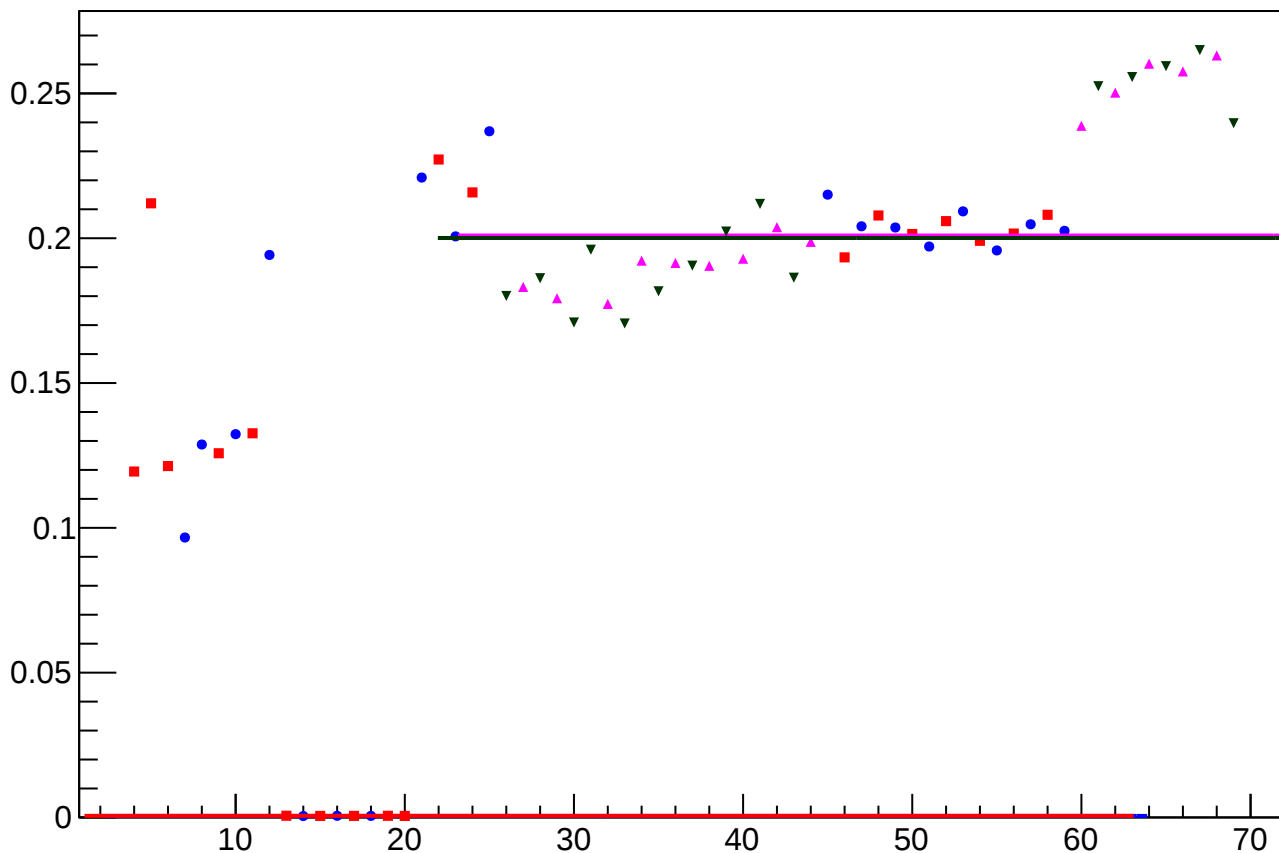
1.292+/-0.000 χ^2/NDF : 1881447159299.7/32

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

1.292+/-0.000 χ^2/NDF : 1731197546531.6/32

Left In: 69.457+/-0.000 χ^2/NDF : 333498414.3/13

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.200+/-0.000 χ^2/NDF : 324805.8/14

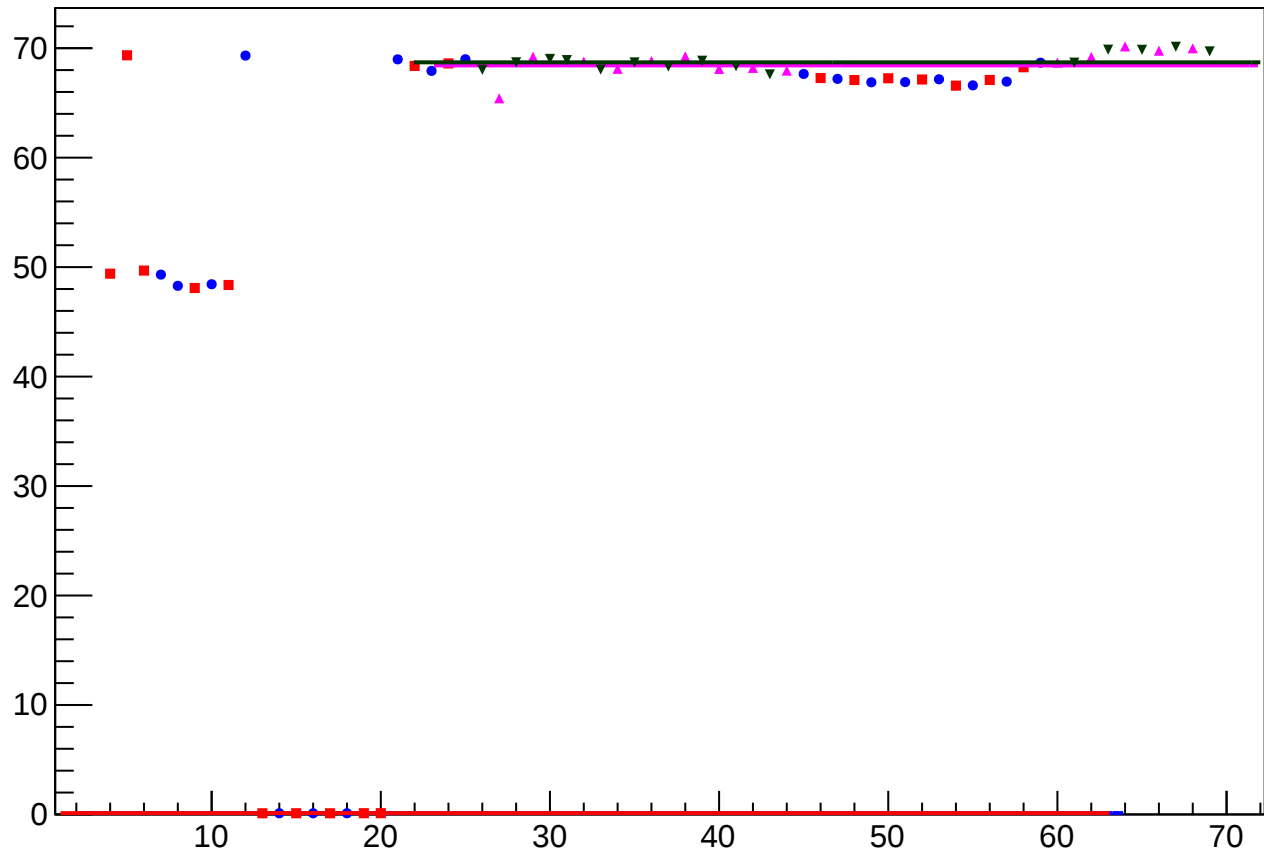
0.001+/-0.000 χ^2/NDF : 32272831.1/32

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

0.001+/-0.000 χ^2/NDF : 29623472.4/32

Left In: 0.201+/-0.000 χ^2/NDF : 305217.1/13

yield_bcm_an_us_mean vs slug



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

Left Out: 68.707+/-0.000 χ^2/NDF : 83991049.8/14

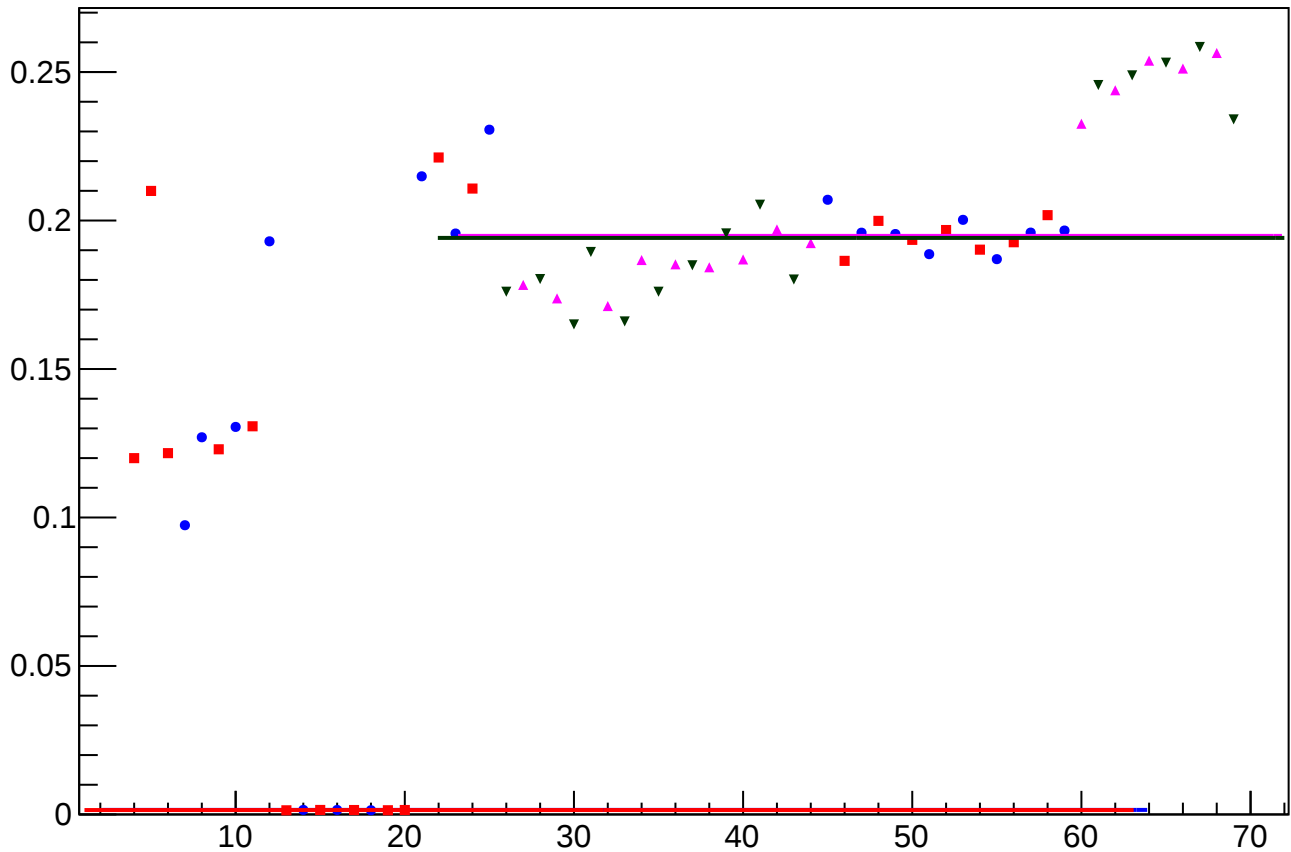
Right Out: 0.122+/-0.000 χ^2/NDF : 876428994690.6/18

Left In: 68.429+/-0.000 χ^2/NDF : 335188115.2/13

0.139+/-0.000 χ^2/NDF : 1997300295757.1/32

0.133+/-0.000 χ^2/NDF : 1841444718434.1/32

yield_bcm_an_us_rms vs slug



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

Left Out: 0.194 $\pm$ 0.000 χ^2 /NDF:332692.6/14

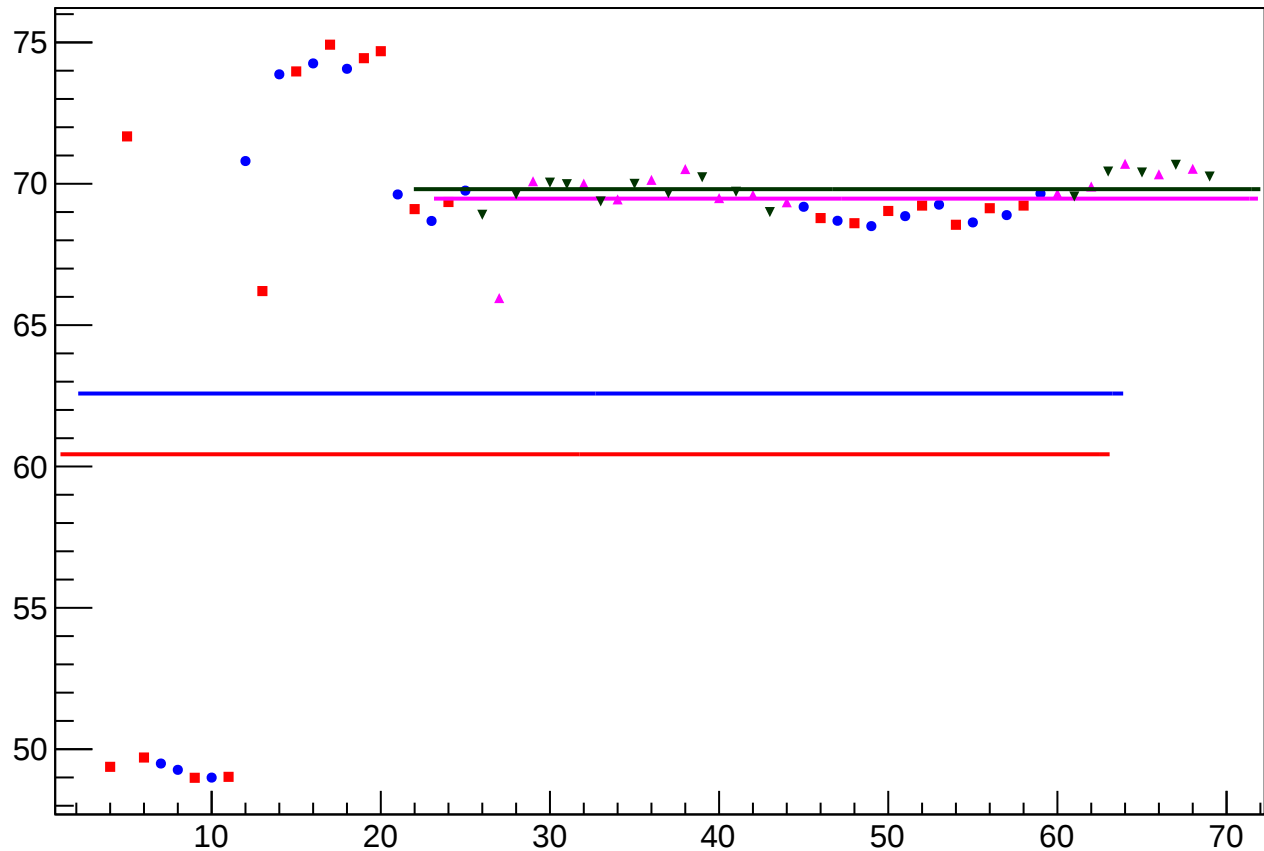
0.002 $\pm$ 0.000 χ^2 /NDF: 31879511.9/32

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

0.002 $\pm$ 0.000 χ^2 /NDF: 29308220.7/32

Left In: 0.195 $\pm$ 0.000 χ^2 /NDF:315466.6/13

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.810 ± 0.000 χ^2/NDF : 41700173.5/14

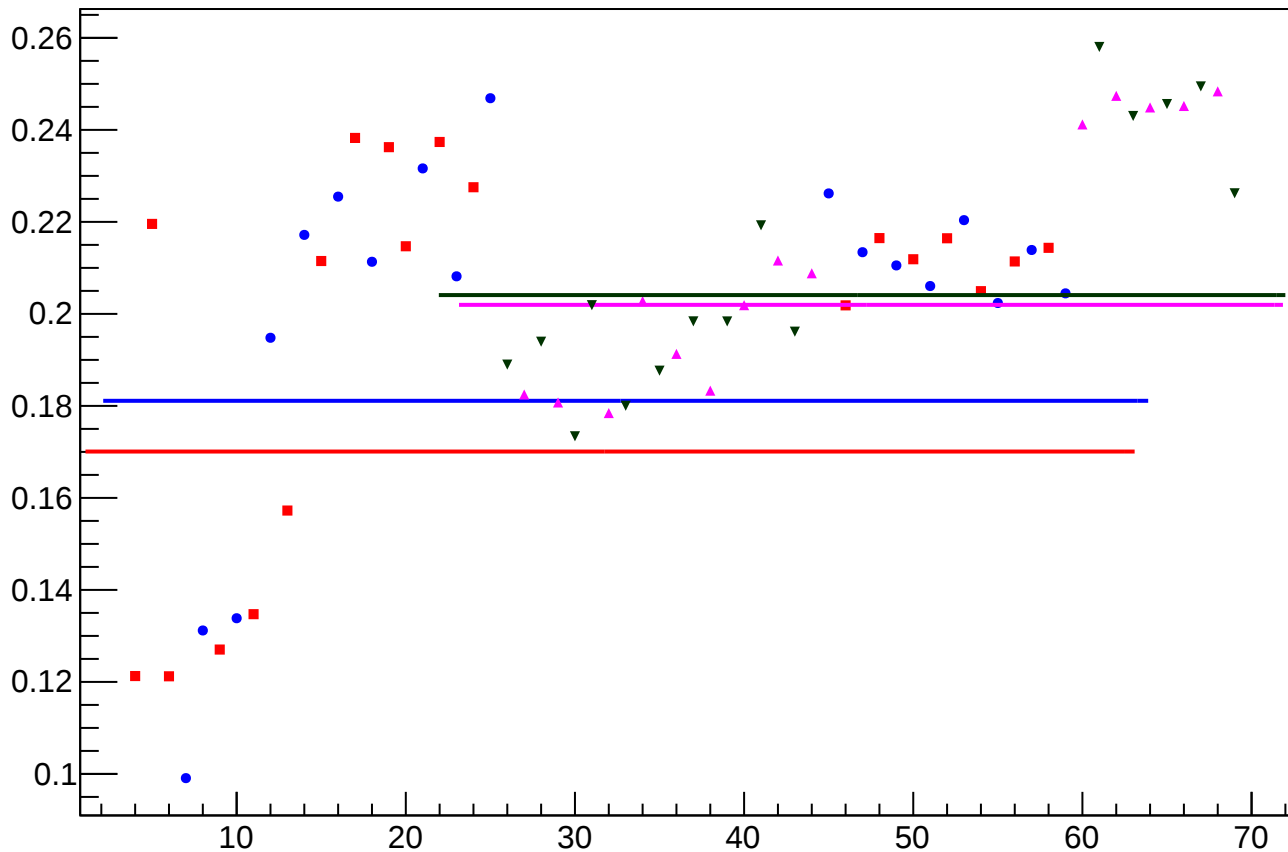
65.217 ± 0.000 χ^2/NDF : 39703631063.8/32

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

63.927 ± 0.000 χ^2/NDF : 43031069201.5/32

Left In: 69.474 ± 0.000 χ^2/NDF : 371723351.7/13

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.204+/-0.000 χ^2/NDF : 210707.7/14

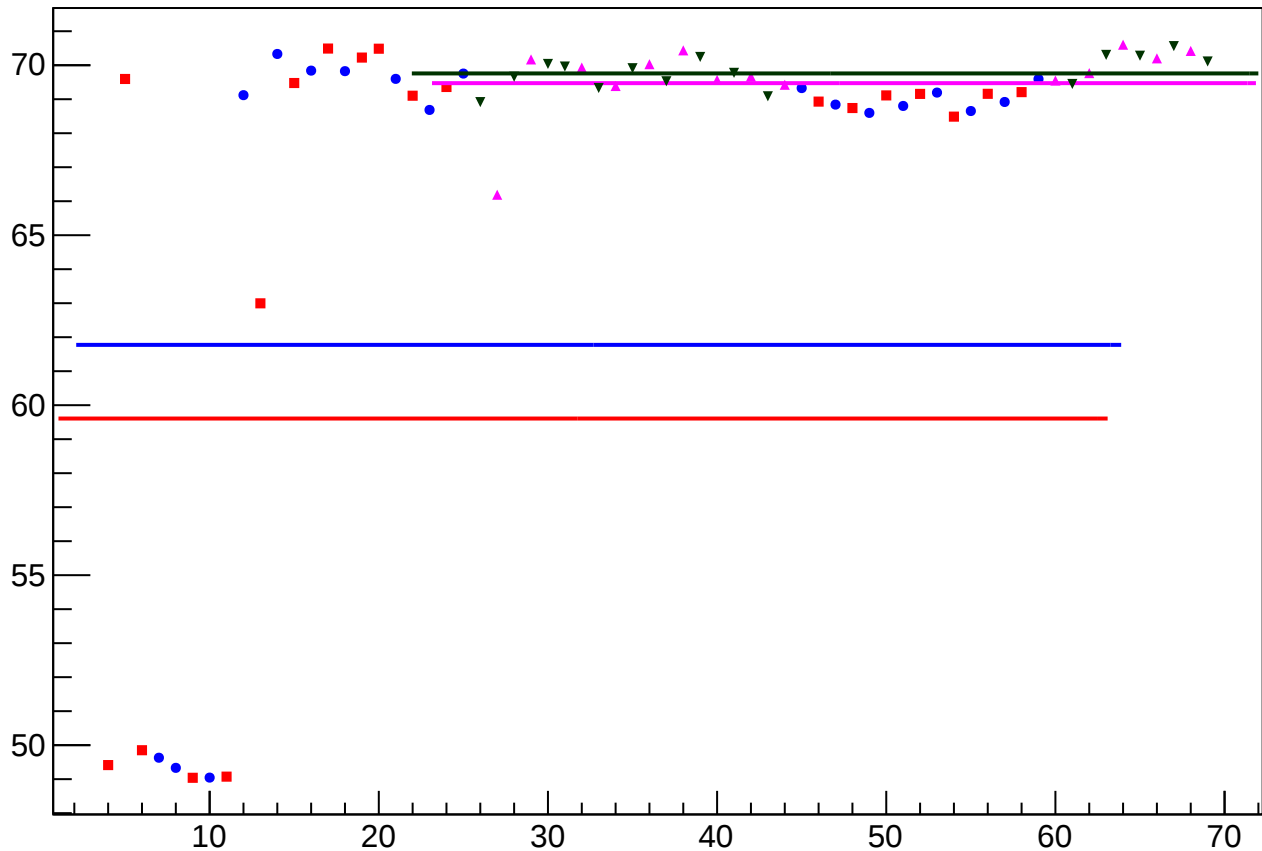
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.202+/-0.000 χ^2/NDF : 248150.2/13

0.189+/-0.000 χ^2/NDF : 1547834.0/32

0.182+/-0.000 χ^2/NDF : 1672496.6/32

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.759+/-0.000 χ^2/NDF : 36486525.2/14

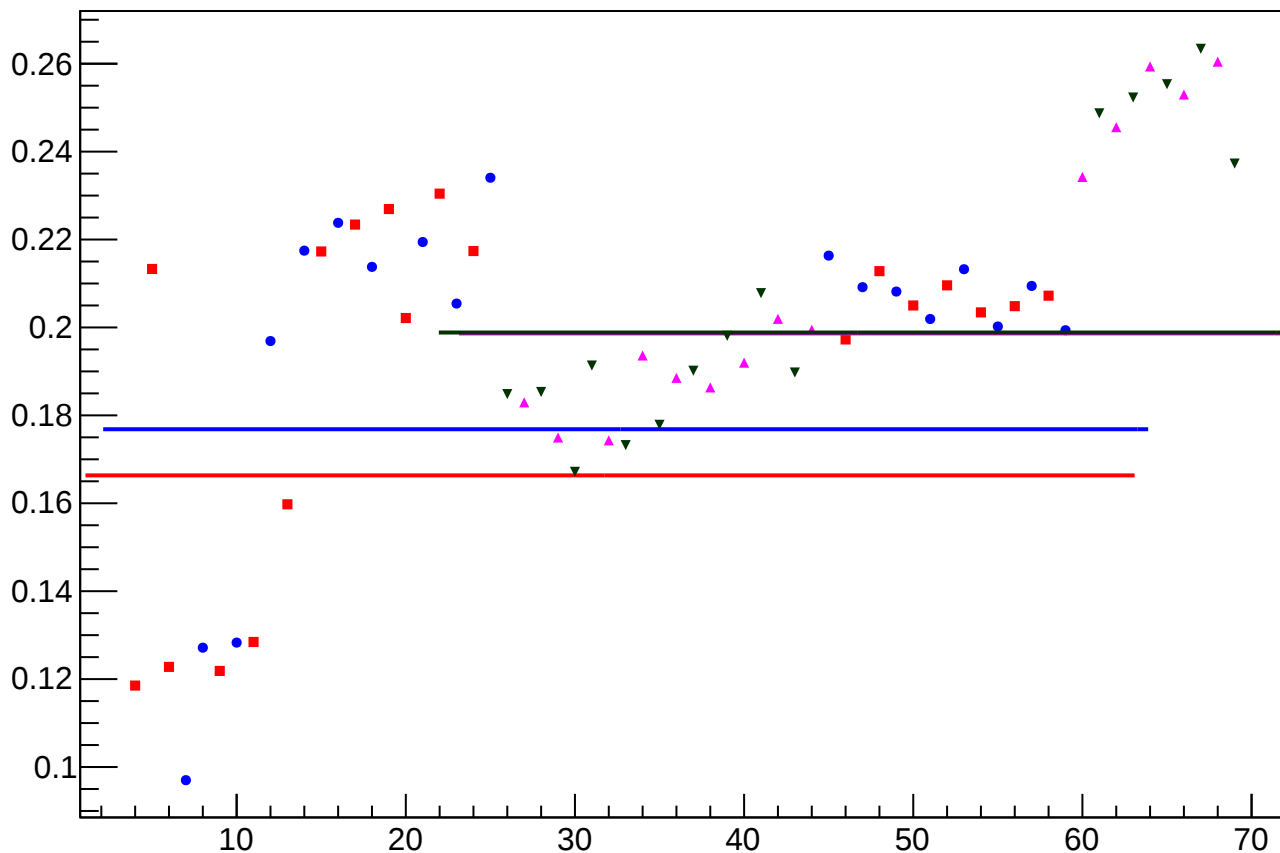
64.686+/-0.000 χ^2/NDF : 38643303079.4/32

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

63.387+/-0.000 χ^2/NDF : 41816818868.1/32

Left In: 69.473+/-0.000 χ^2/NDF : 320966328.7/13

yield_bcm_dg_ds_rms vs slug



Right In: 0.177 $\pm$ 0.000 χ^2/NDF : 1276663.3/17

Left Out: 0.199 $\pm$ 0.000 χ^2/NDF : 308088.4/14

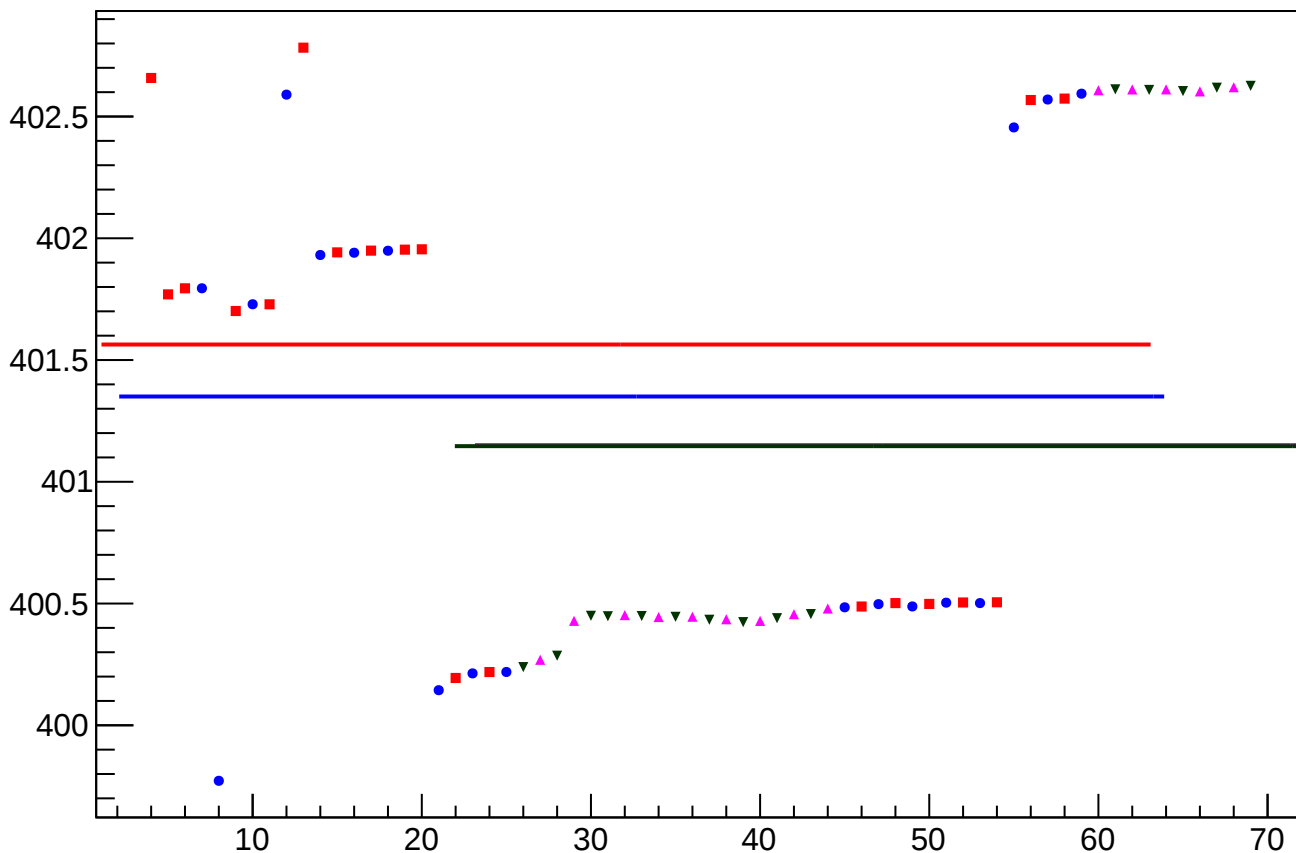
Right Out: 0.166 $\pm$ 0.000 χ^2/NDF : 1156468.8/18

Left In: 0.199 $\pm$ 0.000 χ^2/NDF : 307316.9/13

0.185 $\pm$ 0.000 χ^2/NDF : 1700776.2/32

0.179 $\pm$ 0.000 χ^2/NDF : 1719695.3/32

yield_cav4bQ_mean vs slug



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

Left Out: 401.146+/-0.000 χ^2/NDF : 190654763317.5/14

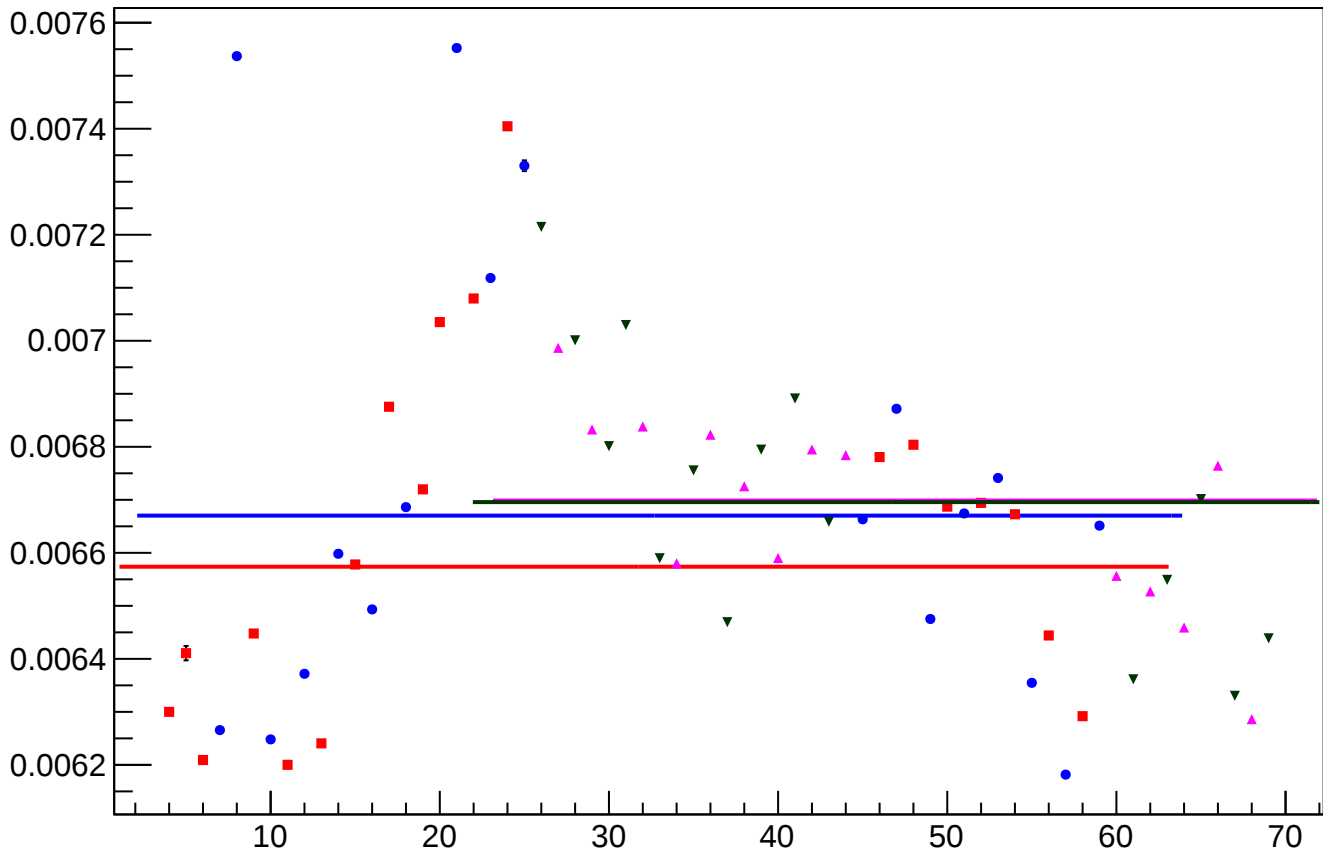
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 401.151+/-0.000 χ^2/NDF : 196307196060.1/13

401.267+/-0.000 χ^2/NDF : 430037177815.4/32

401.381+/-0.000 χ^2/NDF : 397693170433.3/32

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 :20700.4/14

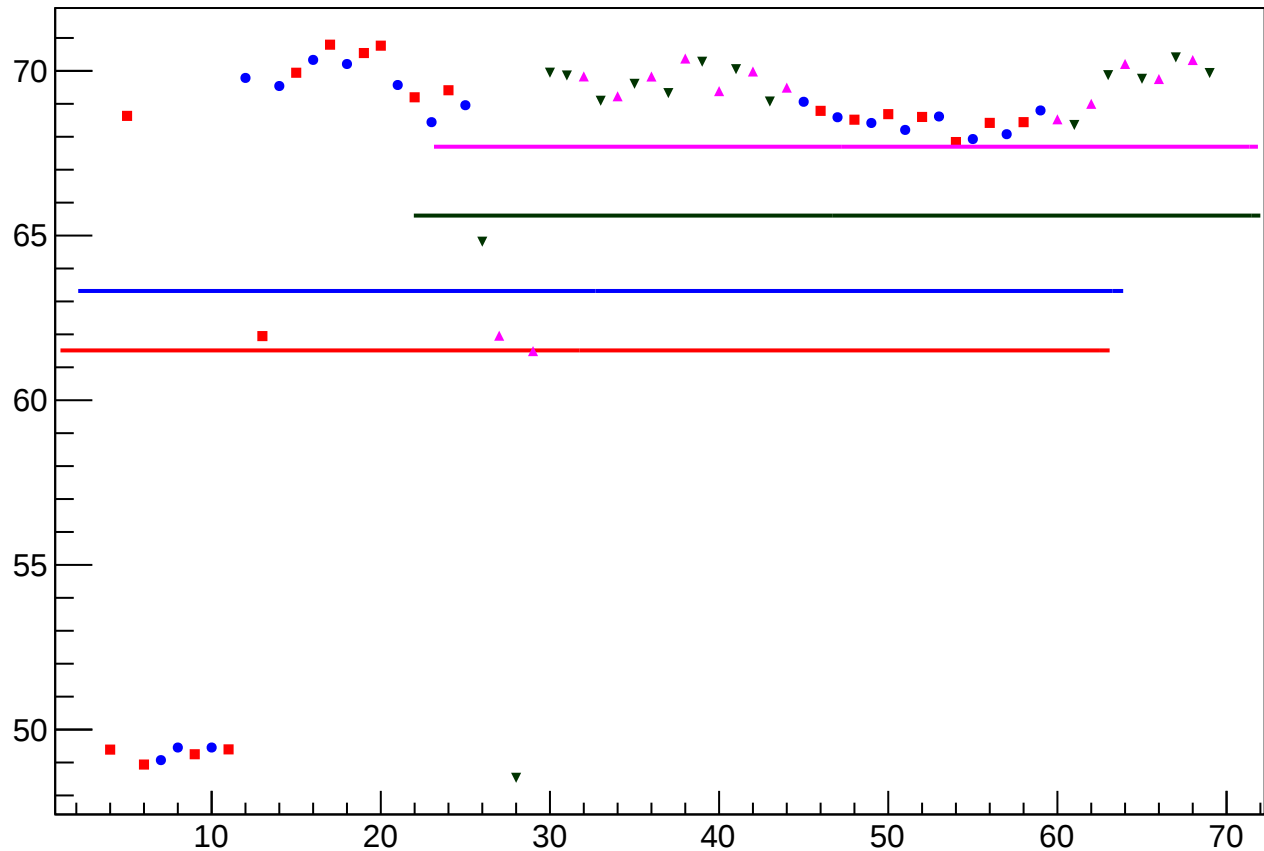
0.007+/-0.000 χ^2/NDF : 97516.8/32

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

0.007+/-0.000 χ^2/NDF : 63542.0/32

Left In: 0.007+/-0.000 χ^2/NDF :12669.8/13

yield_cav4cQ_mean vs slug



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

Left Out: 65.607 ± 0.000 χ^2/NDF : 9413141514.1/14

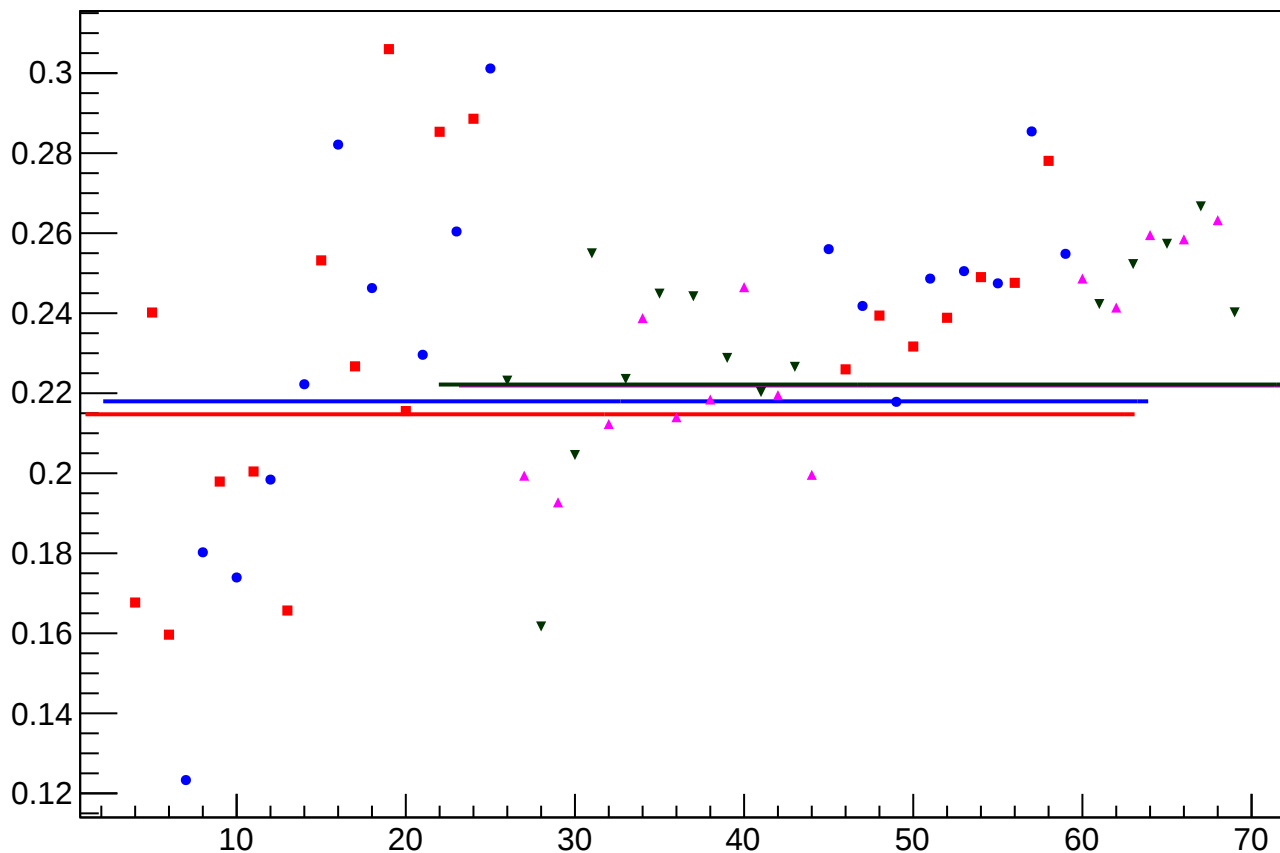
64.248 ± 0.000 χ^2/NDF : 26910869256.0/32

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

64.309 ± 0.000 χ^2/NDF : 20424209315.4/32

Left In: 67.698 ± 0.000 χ^2/NDF : 1852270147.1/13

yield_cav4cQ_rms vs slug



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

Left Out: 0.222 ± 0.000 χ^2/NDF : 298418.0/14

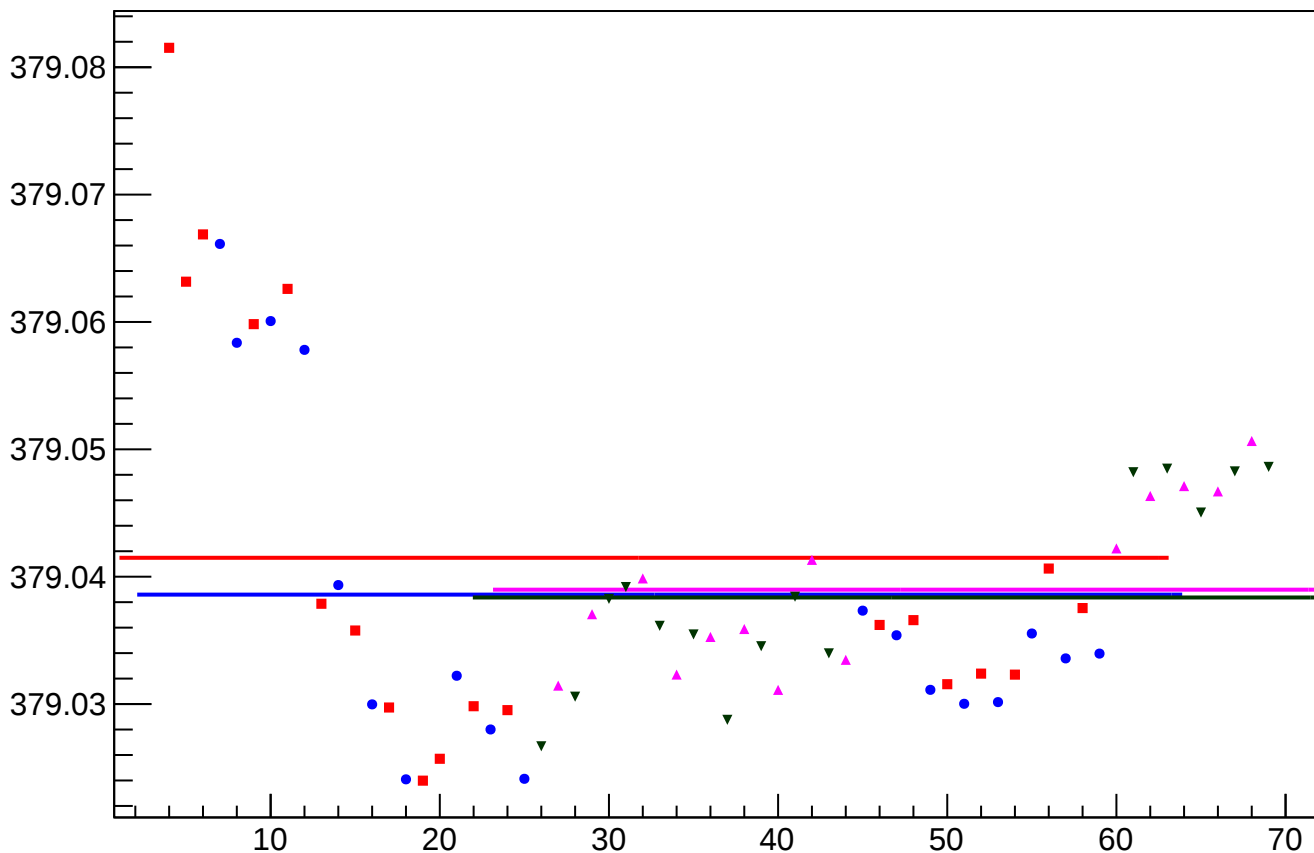
Right Out: 0.215 ± 0.000 χ^2/NDF : 631176.3/18

Left In: 0.222 ± 0.000 χ^2/NDF : 169389.3/13

0.220 ± 0.000 χ^2/NDF : 1036077.4/32

0.218 ± 0.000 χ^2/NDF : 809240.0/32

yield_cav4dQ_mean vs slug



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

Left Out: 379.038 $\pm$ 0.000 χ^2 /NDF:8667603.2/14

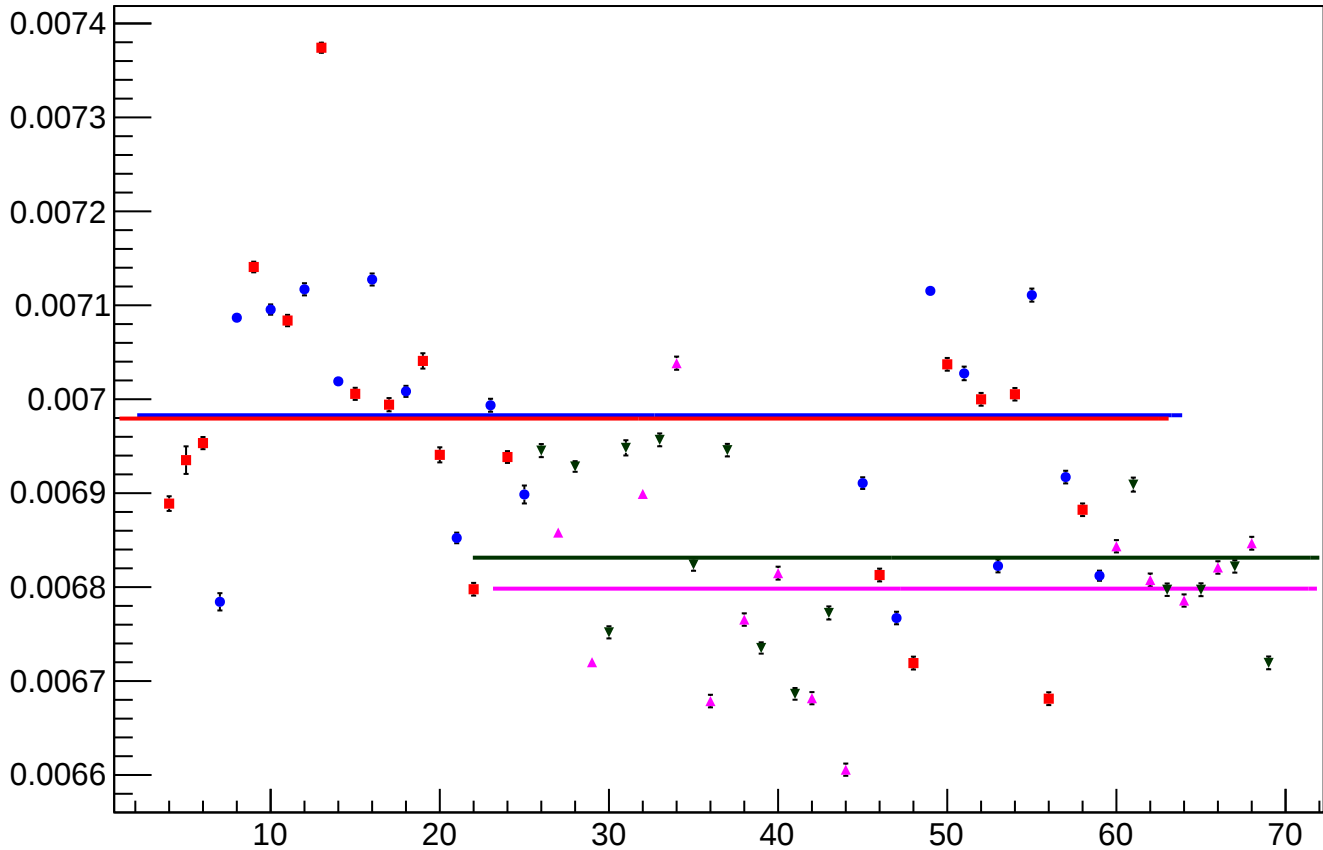
379.038 $\pm$ 0.000 χ^2 /NDF: 42448357.6/32

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

379.040 $\pm$ 0.000 χ^2 /NDF: 53359685.7/32

Left In: 379.039 $\pm$ 0.000 χ^2 /NDF:6480725.8/13

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 : 2842.3/14

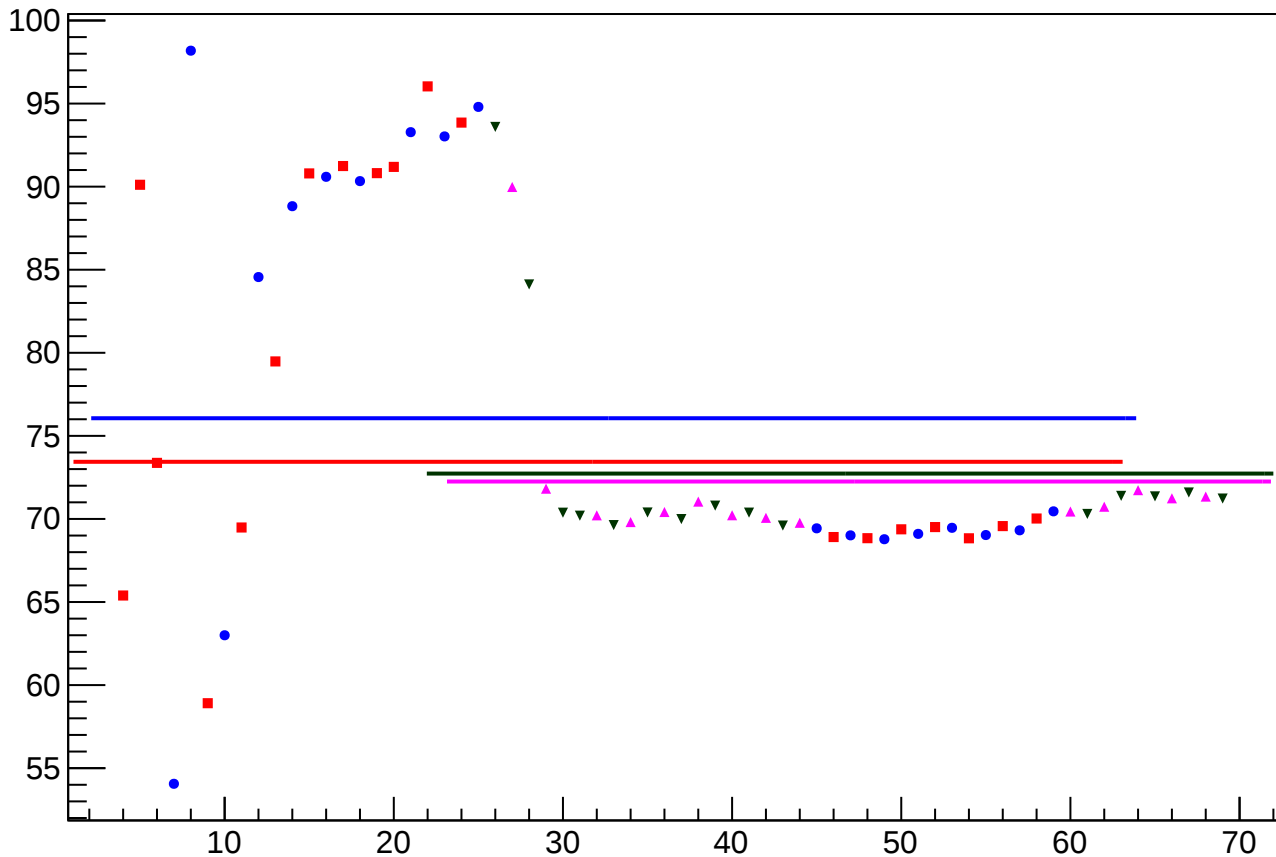
Right Out: 0.007+/-0.000 χ^2/NDF : 11747.2/18

Left In: 0.007+/-0.000 χ^2/NDF : 3568.0/13

0.007+/-0.000 χ^2/NDF : 14018.2/32

0.007+/-0.000 χ^2/NDF : 21573.0/32

yield_bcm0l02_mean vs slug



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

Left Out: 72.730+/-0.000 χ^2 /NDF:3809989964.6/14

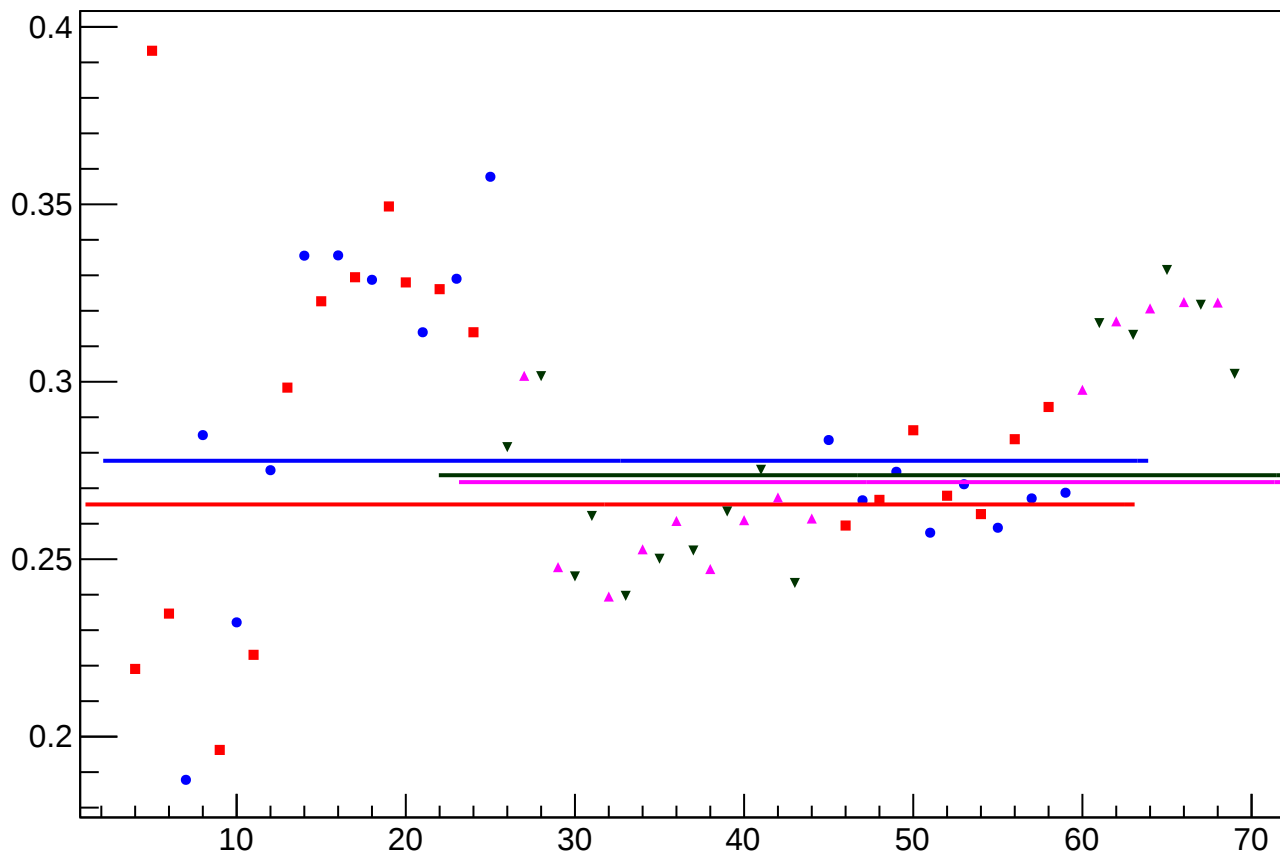
Right Out: 73.439+/-0.000 χ^2 /NDF: 14741427319.0/18

Left In: 72.252+/-0.000 χ^2 /NDF:2980358841.4/13

74.654+/-0.000 χ^2 /NDF: 25218732374.9/32

72.898+/-0.000 χ^2 /NDF: 17801791076.6/32

yield_bcm0l02_rms vs slug



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

Left Out: 0.274+/-0.000 χ^2/NDF : 168396.4/14

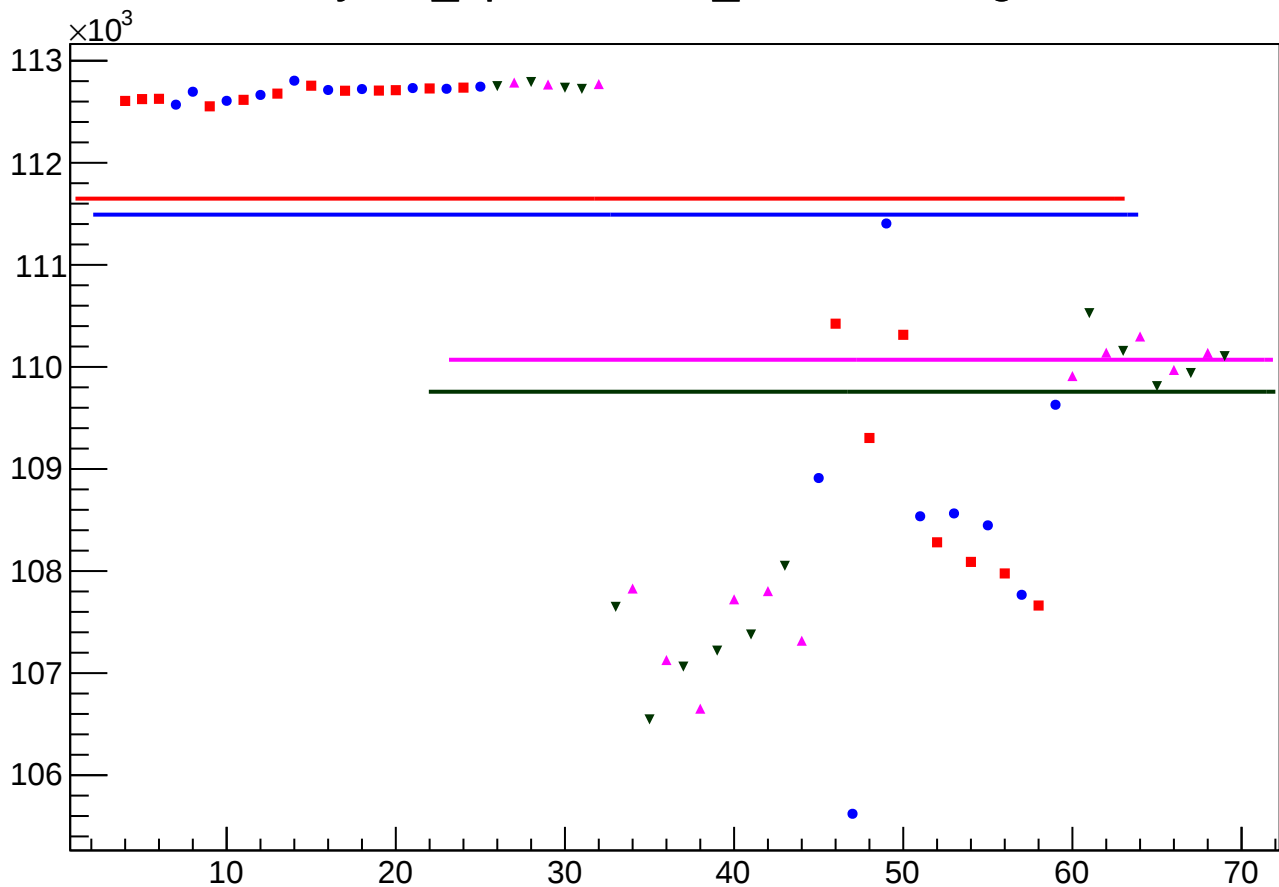
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.272+/-0.000 χ^2/NDF : 181352.1/13

0.276+/-0.000 χ^2/NDF : 540497.2/32

0.268+/-0.000 χ^2/NDF : 689427.2/32

yield_bpm2i01WS_mean vs slug



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

Left Out: 109757.081 $\pm$ 0.046 χ^2 /NDF: 2705075304.1/14

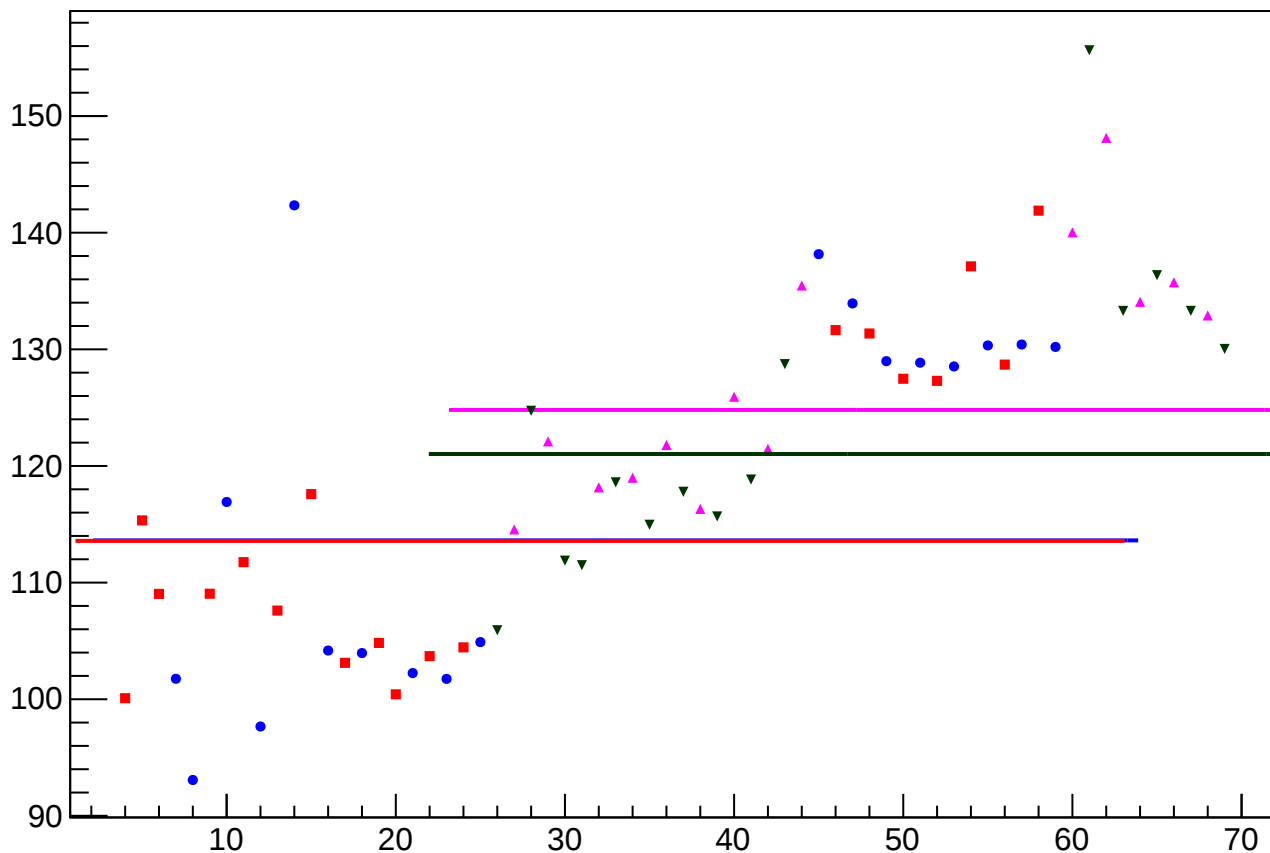
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110070.344 $\pm$ 0.046 χ^2 /NDF: 2592410104.1/13

110853.179 $\pm$ 0.028 χ^2 /NDF: 6784837531.7/32

111019.792 $\pm$ 0.029 χ^2 /NDF: 5607340348.2/32

yield_bpm2i01WS_rms vs slug



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

Left Out: 121.024 $\pm$ 0.032 χ^2 /NDF:99661.9/14

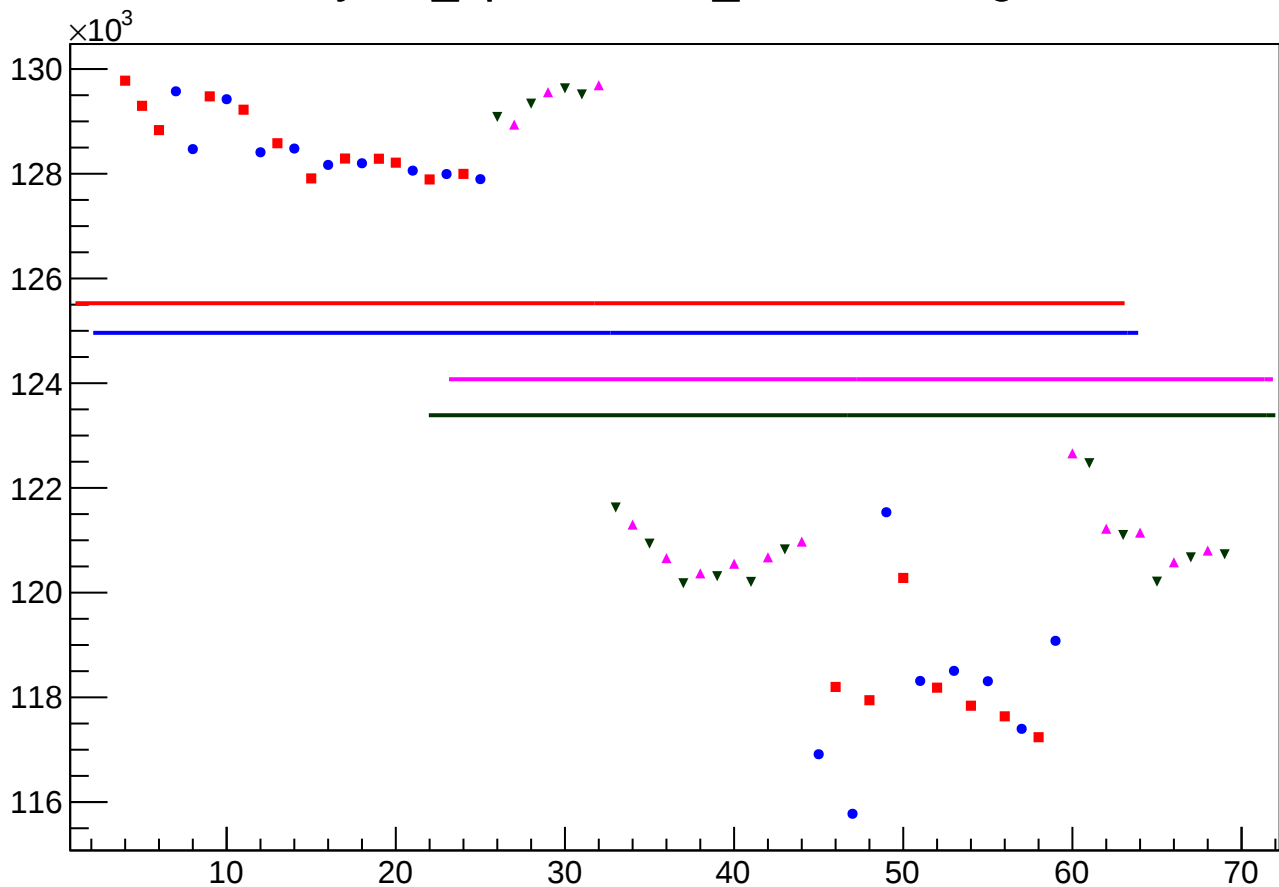
Right Out: 113.579 $\pm$ 0.026 χ^2 /NDF: 206805.2/18

Left In: 124.803 $\pm$ 0.032 χ^2 /NDF:75986.3/13

116.347 $\pm$ 0.020 χ^2 /NDF: 555091.8/32

118.053 $\pm$ 0.020 χ^2 /NDF: 355208.6/32

yield_bpm0i07WS_mean vs slug



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

Left Out: 123387.933 $\pm$ 0.079 χ^2 /NDF: 2577039605.2/14

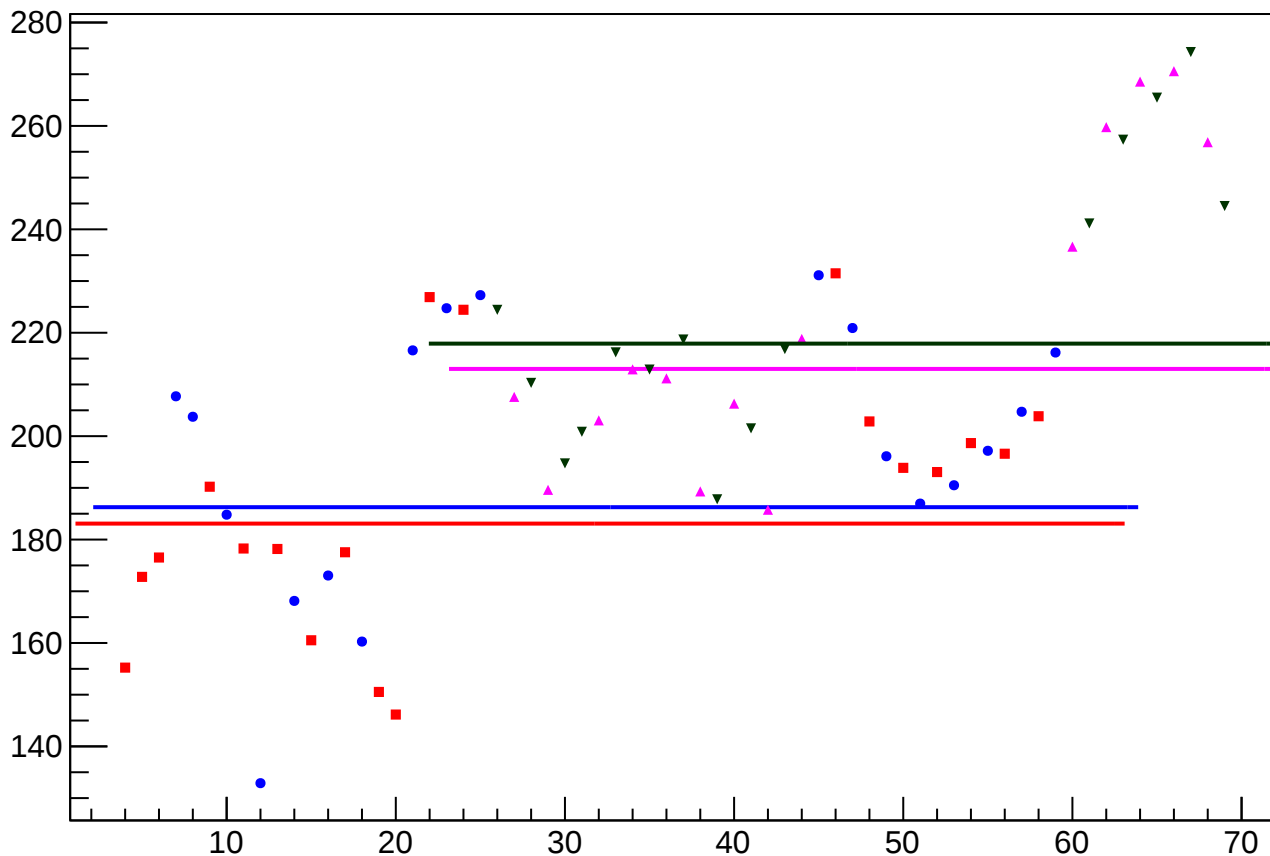
Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18

Left In: 124075.357 $\pm$ 0.075 χ^2 /NDF: 2982257799.3/13

124429.405 $\pm$ 0.046 χ^2 /NDF: 10053006695.1/3

124970.237 $\pm$ 0.047 χ^2 /NDF: 9755466904.3/32

yield_bpm0i07WS_rms vs slug



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

Left Out: 217.896 ± 0.056 χ^2/NDF : 181389.5/14

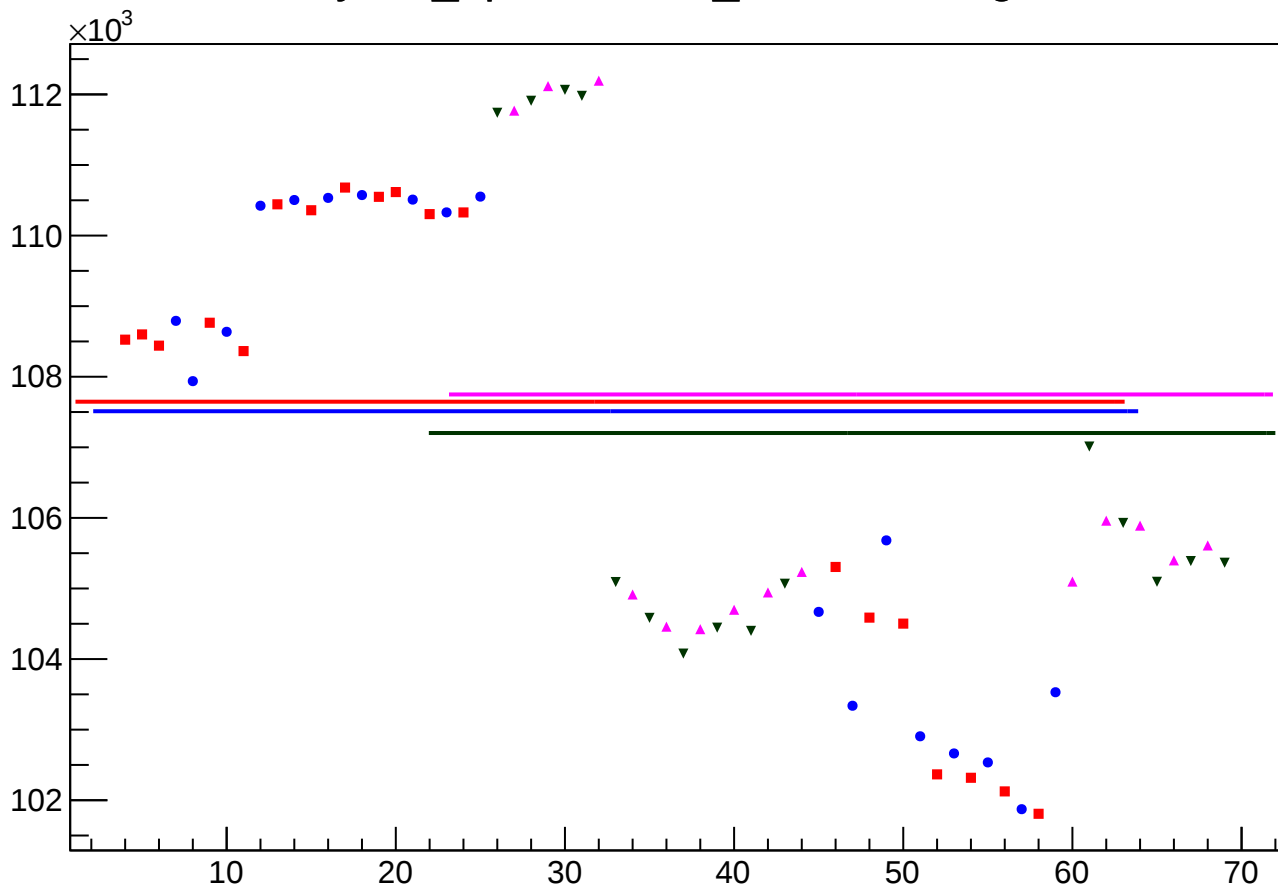
Right Out: 183.088 ± 0.042 χ^2/NDF : 276420.3/18

Left In: 213.005 ± 0.053 χ^2/NDF : 230017.8/13

196.962 ± 0.033 χ^2/NDF : 853689.8/32

194.563 ± 0.033 χ^2/NDF : 700070.6/32

yield_bpm0l01WS_mean vs slug



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

Left Out: 107202.763 $\pm$ 0.045 χ^2 /NDF: 5593921775.4/14

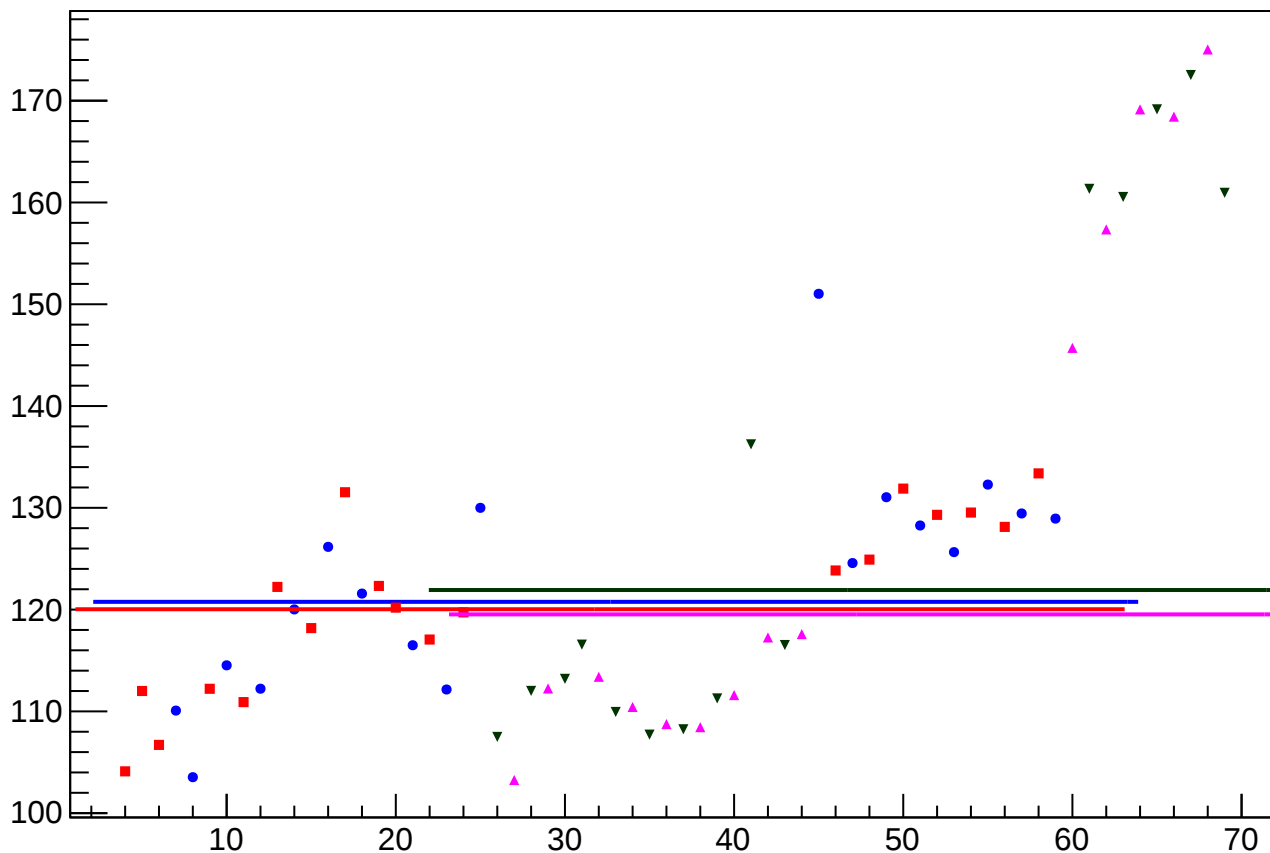
Right Out: 107646.372 $\pm$ 0.039 χ^2 /NDF: 6547636060.9/18

Left In: 107749.012 $\pm$ 0.043 χ^2 /NDF: 6541214940.5/13

107388.335 $\pm$ 0.028 χ^2 /NDF: 13167650735.8/3

107692.925 $\pm$ 0.029 χ^2 /NDF: 13092004977.5/3

yield_bpm0l01WS_rms vs slug



Right In: 120.763 $\pm$ 0.026 χ^2/NDF : 155732.1/17

Left Out: 121.924 $\pm$ 0.032 χ^2/NDF : 428782.4/14

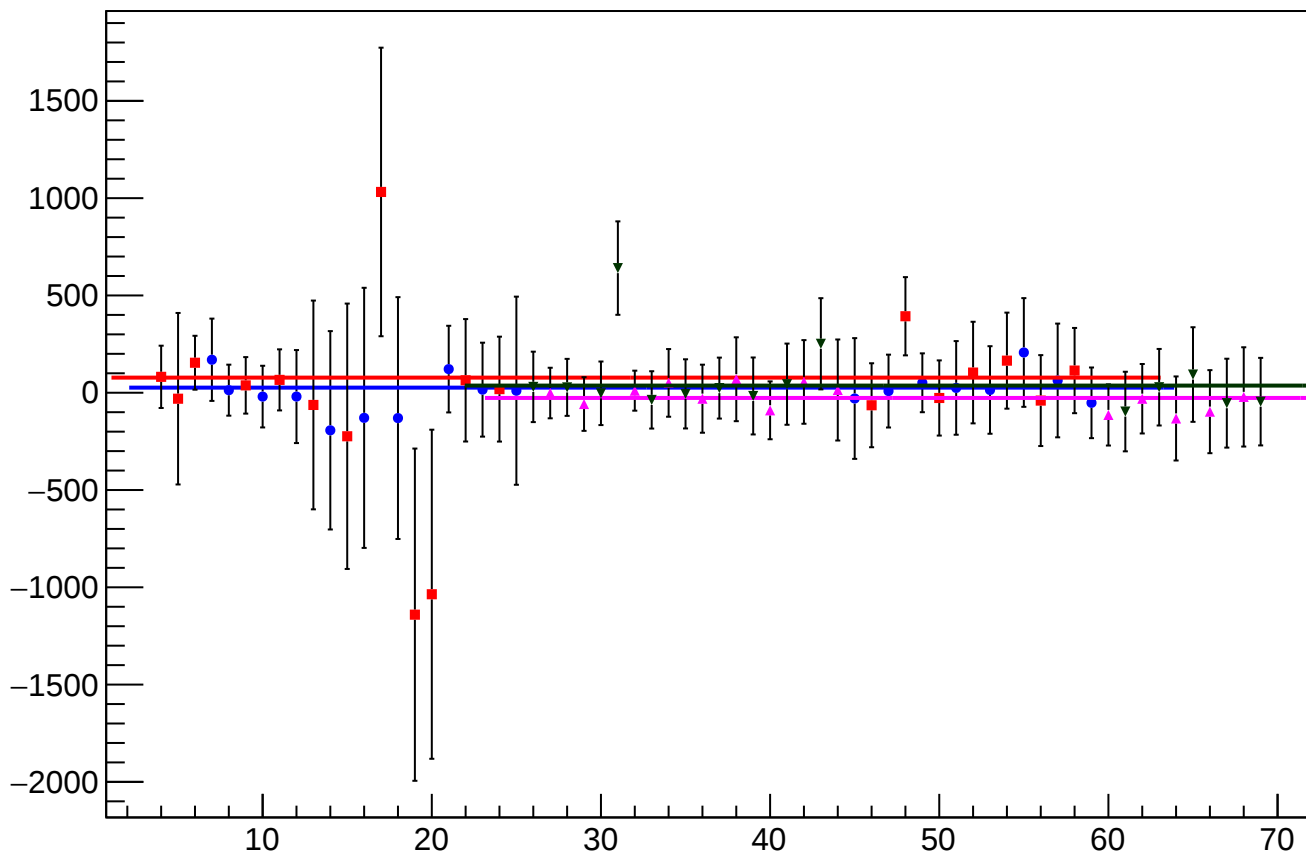
Right Out: 120.035 $\pm$ 0.028 χ^2/NDF : 93920.3/18

Left In: 119.530 $\pm$ 0.030 χ^2/NDF : 445885.0/13

121.226 $\pm$ 0.020 χ^2/NDF : 585316.5/32

119.806 $\pm$ 0.020 χ^2/NDF : 539957.5/32

asym_bcm_an_ds_mean vs slug



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

Left Out: 36.751+/-48.637 χ^2/NDF : 8.4/14

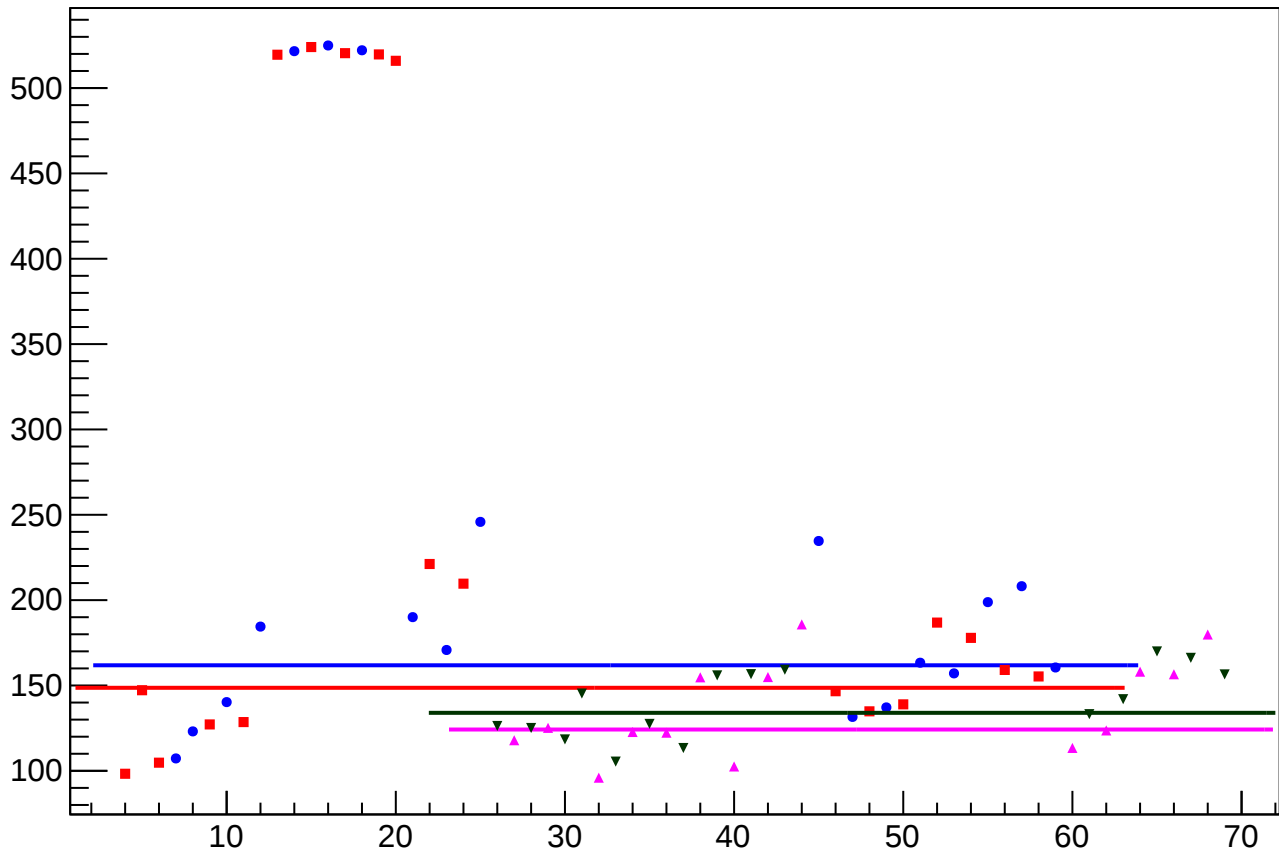
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -26.755+/-44.456 χ^2/NDF : 1.6/13

31.900+/-35.682 χ^2/NDF : 10.2/32

16.784+/-33.950 χ^2/NDF : 13.7/32

asym_bcm_an_ds_rms vs slug



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

Left Out: 133.984+/-0.034 χ^2/NDF :324427.1/14

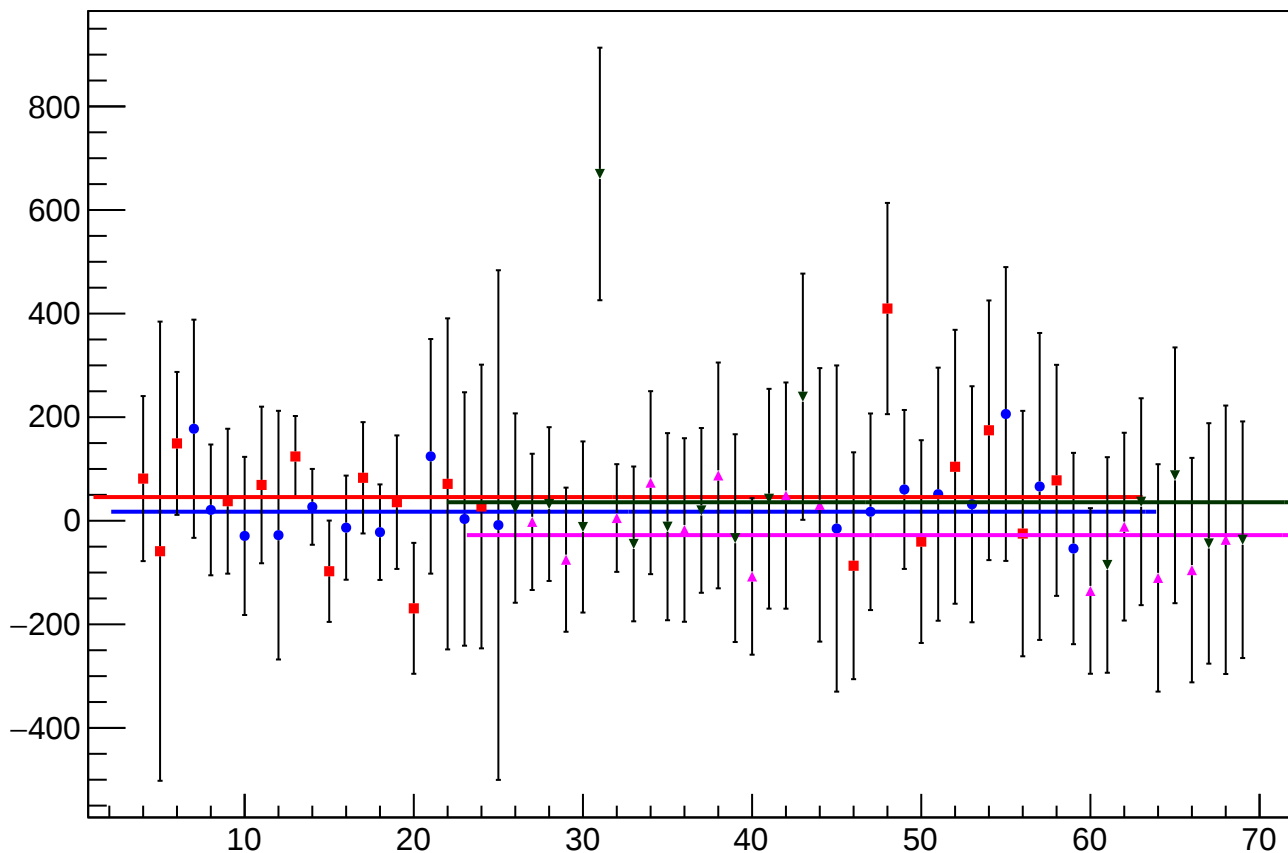
146.844+/-0.025 χ^2/NDF : 3646121.7/32

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

134.392+/-0.024 χ^2/NDF : 4438240.8/32

Left In: 124.204+/-0.031 χ^2/NDF :591677.7/13

asym_bcm_an_ds3_mean vs slug



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

Left Out: 35.746+/-49.343 χ^2/NDF : 8.7/14

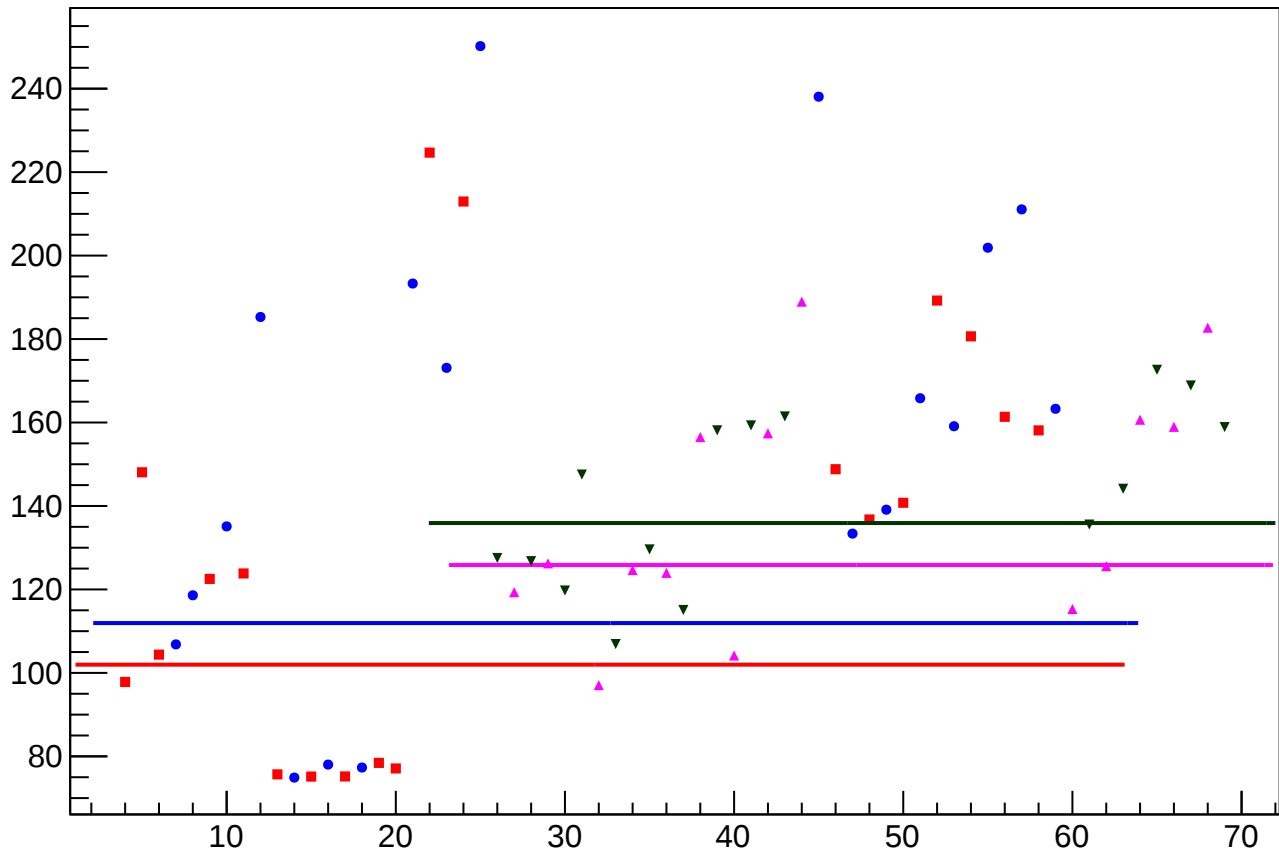
Right Out: 45.735+/-34.677 χ^2/NDF : 11.0/18

Left In: -27.734+/-45.060 χ^2/NDF : 2.0/13

23.883+/-29.247 χ^2/NDF : 10.7/32

18.407+/-27.481 χ^2/NDF : 14.7/32

asym_bcm_an_ds3_rms vs slug



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

Left Out: 135.909 $\pm$ 0.035 χ^2 /NDF:327649.0/14

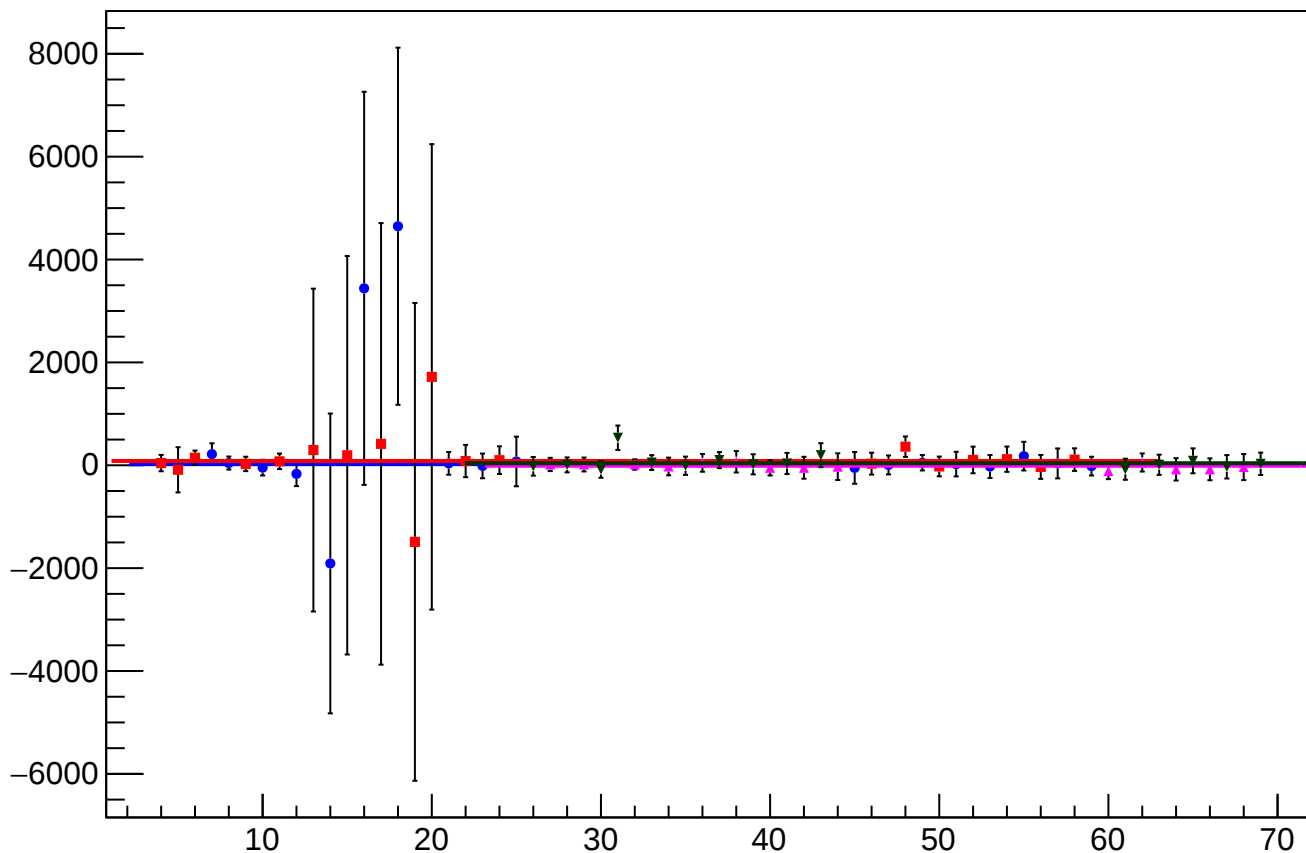
Right Out: 101.974 $\pm$ 0.025 χ^2 /NDF: 2271871.2/18

Left In: 125.852 $\pm$ 0.032 χ^2 /NDF:597279.4/13

120.362 $\pm$ 0.021 χ^2 /NDF: 3606452.2/32

110.855 $\pm$ 0.019 χ^2 /NDF: 3221891.8/32

asym_bcm_an_us_mean vs slug



Right In: 21.772 $\pm$ 52.365 χ^2 /NDF: 5.3/17

Left Out: 40.311 $\pm$ 48.224 χ^2 /NDF: 6.3/14

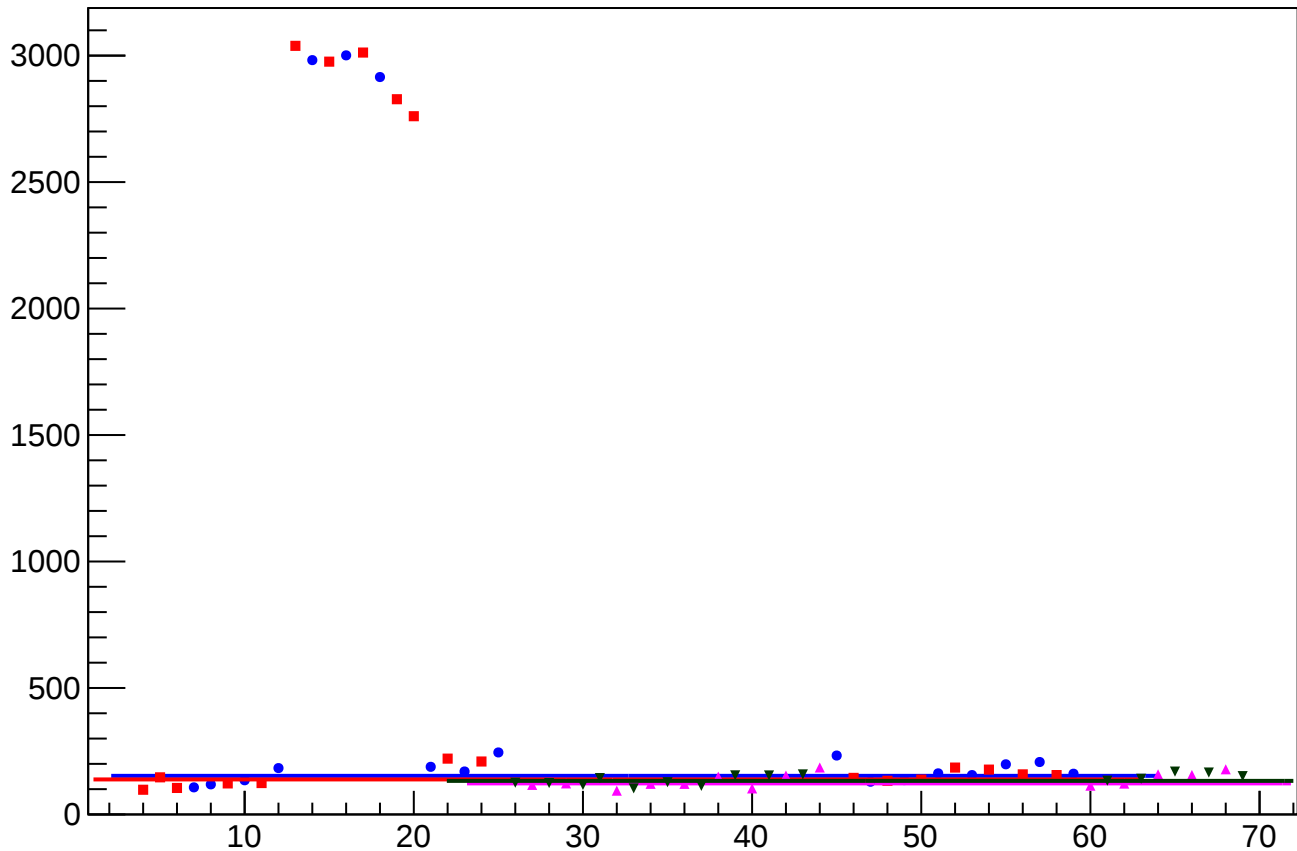
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -8.992 $\pm$ 43.988 χ^2 /NDF: 1.3/13

31.803 $\pm$ 35.473 χ^2 /NDF: 11.6/32

29.286 $\pm$ 33.753 χ^2 /NDF: 6.6/32

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 132.734+/-0.034 χ^2/NDF : 329948.6/14

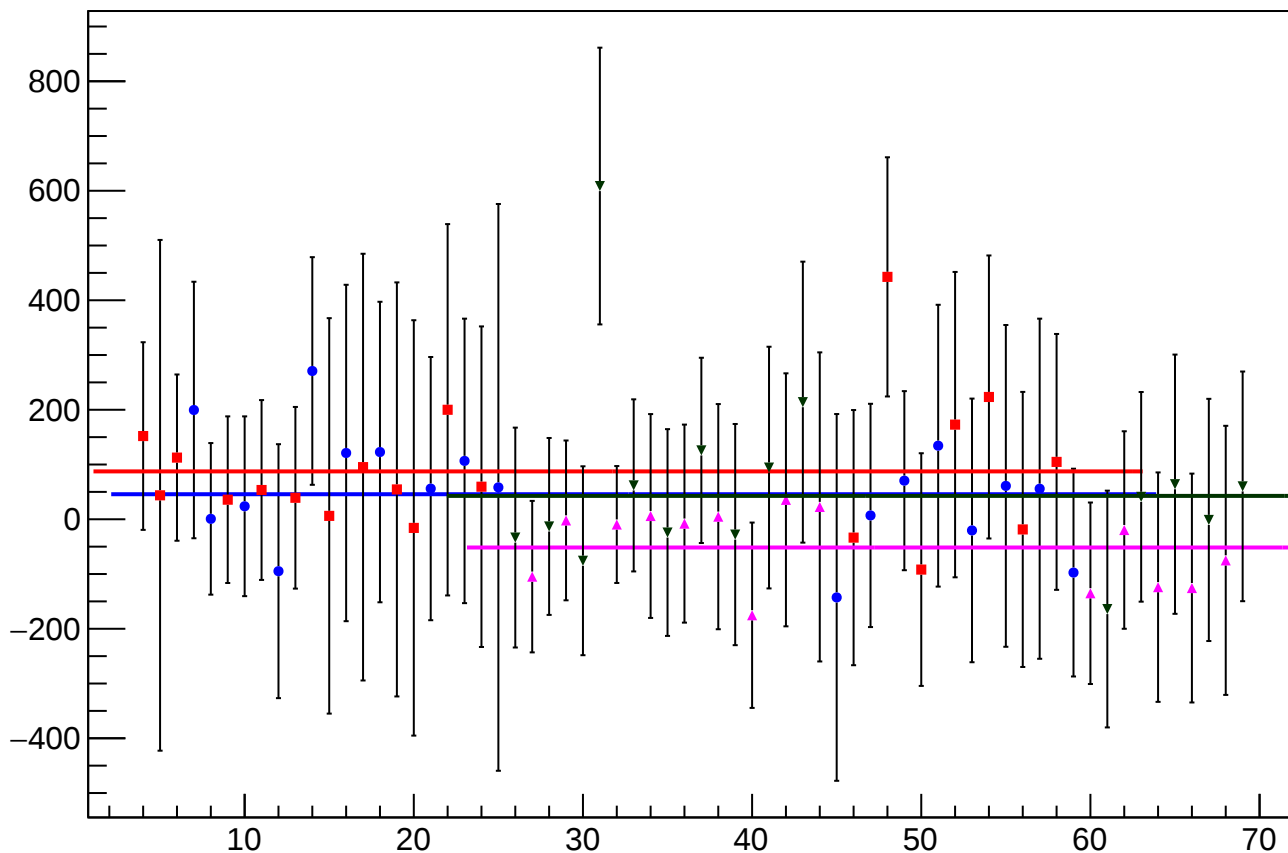
141.864+/-0.025 χ^2/NDF : 5503777.1/32

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

129.253+/-0.024 χ^2/NDF : 6439850.0/32

Left In: 122.825+/-0.031 χ^2/NDF : 601438.8/13

asym_bcm_dg_us_mean vs slug



Right In: 45.739 $\pm$ 52.604 χ^2 /NDF: 3.4/17

Left Out: 42.697 $\pm$ 50.917 χ^2 /NDF: 7.7/14

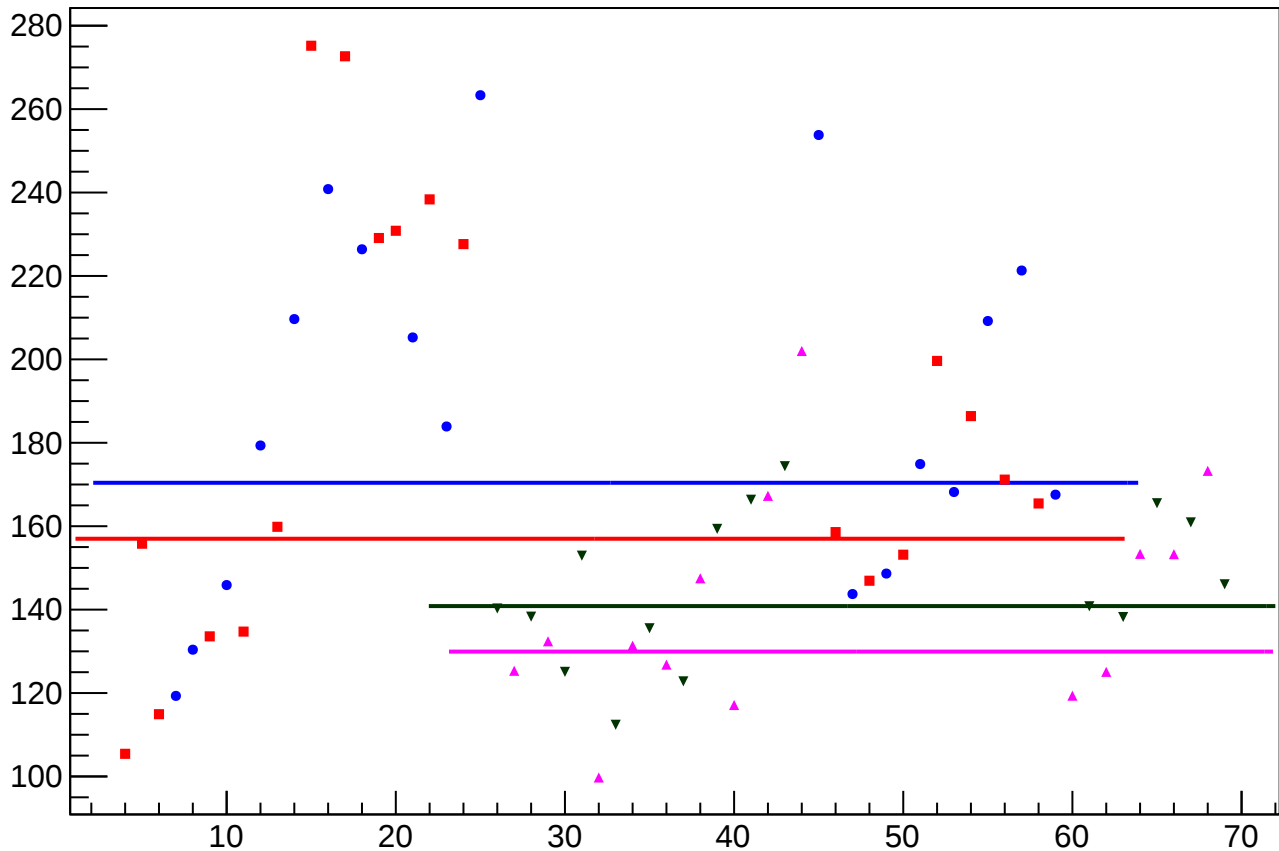
Right Out: 87.434 $\pm$ 51.940 χ^2 /NDF: 4.9/18

Left In: -51.565 $\pm$ 46.348 χ^2 /NDF: 1.9/13

44.169 $\pm$ 36.585 χ^2 /NDF: 11.2/32

10.052 $\pm$ 34.582 χ^2 /NDF: 10.8/32

asym_bcm_dg_us_rms vs slug



Right In: 170.412+/-0.037 χ^2/NDF : 964671.4/17

Left Out: 140.848+/-0.036 χ^2/NDF :229112.0/14

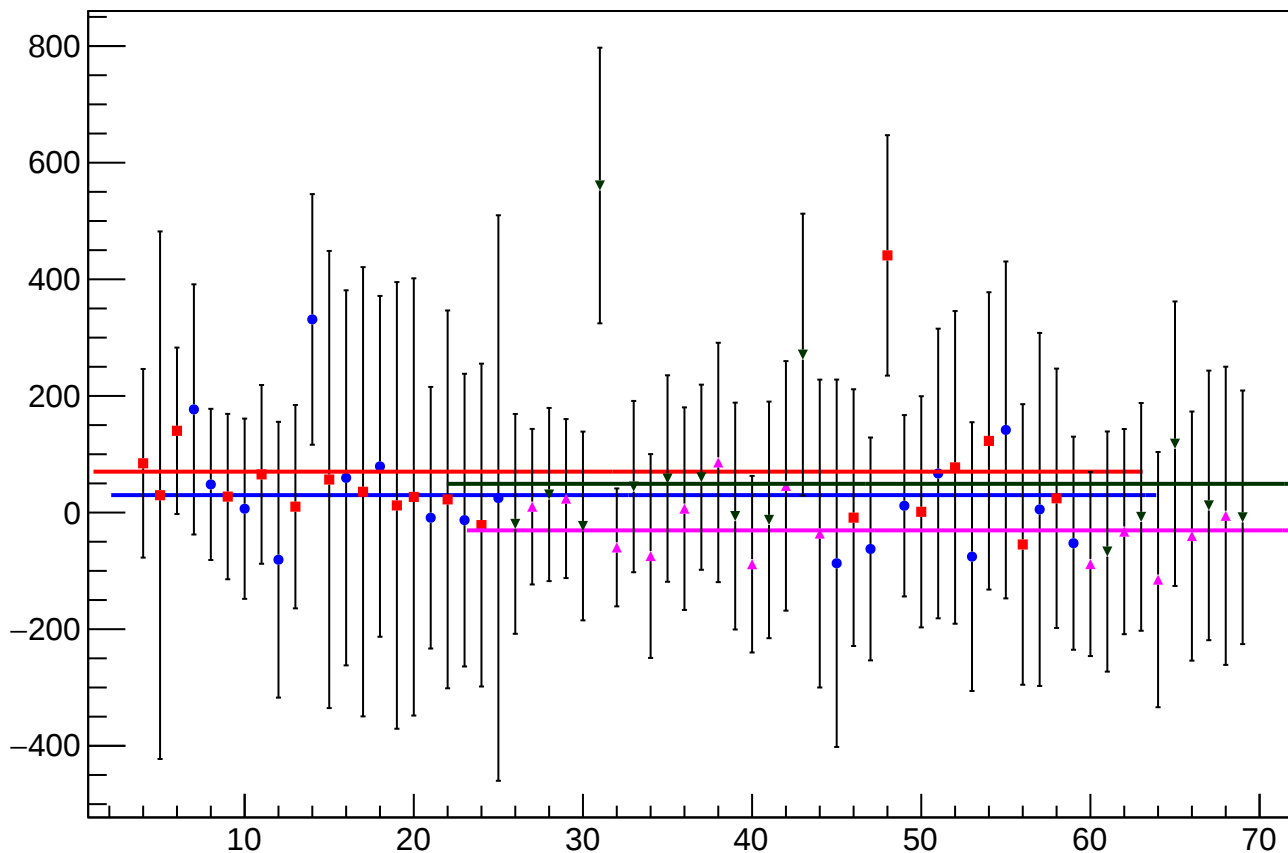
155.148+/-0.026 χ^2/NDF : 1519940.5/32

Right Out: 156.997+/-0.037 χ^2/NDF : 1276447.5/18

141.932+/-0.024 χ^2/NDF : 2072366.6/32

Left In: 129.937+/-0.033 χ^2/NDF :493715.5/13

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 49.285+/-48.690 χ^2/NDF : 6.6/14

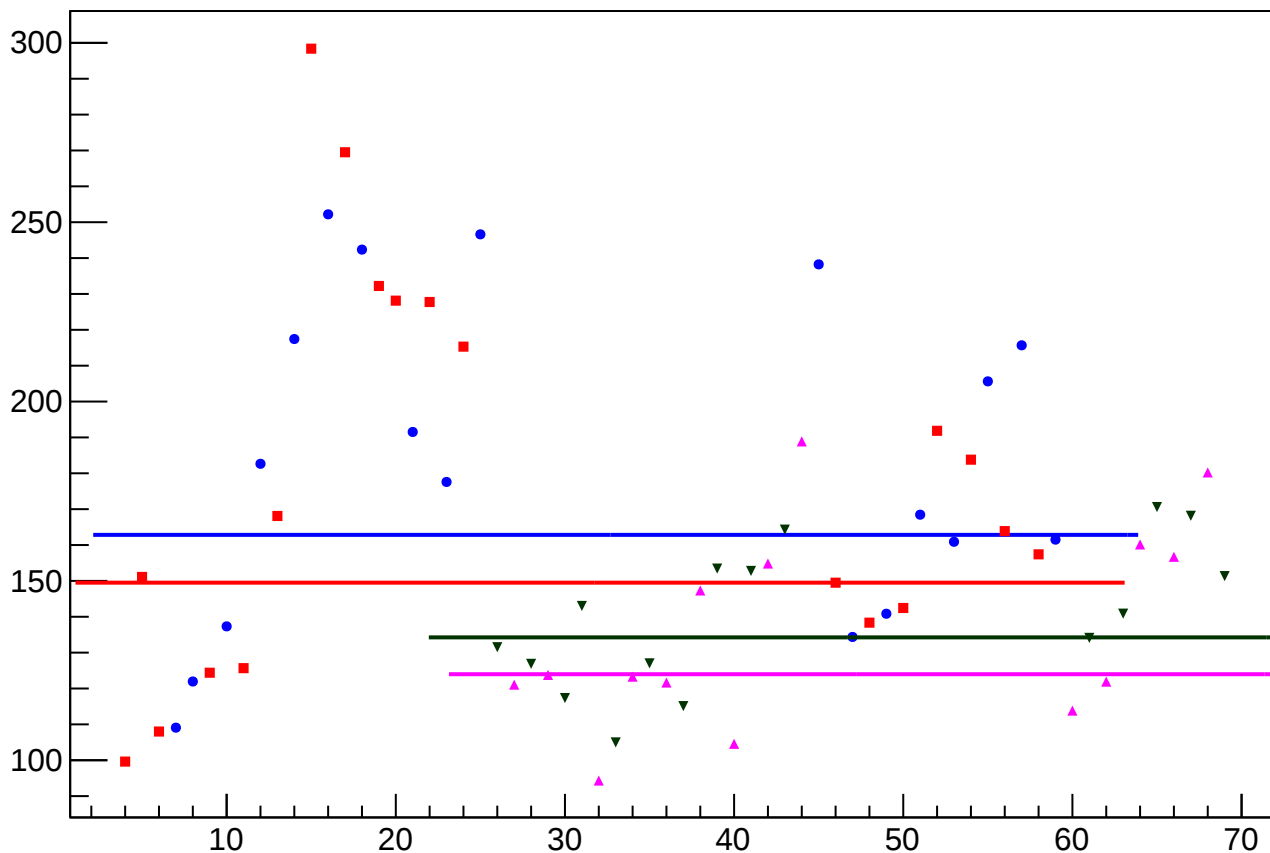
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -30.540+/-44.375 χ^2/NDF : 1.3/13

39.973+/-35.082 χ^2/NDF : 10.5/32

14.044+/-33.125 χ^2/NDF : 8.1/32

asym_bcm_dg_ds_rms vs slug



Right In: 162.833 ± 0.036 χ^2/NDF : 1229021.5/17

Left Out: 134.251 ± 0.034 χ^2/NDF : 310947.8/14

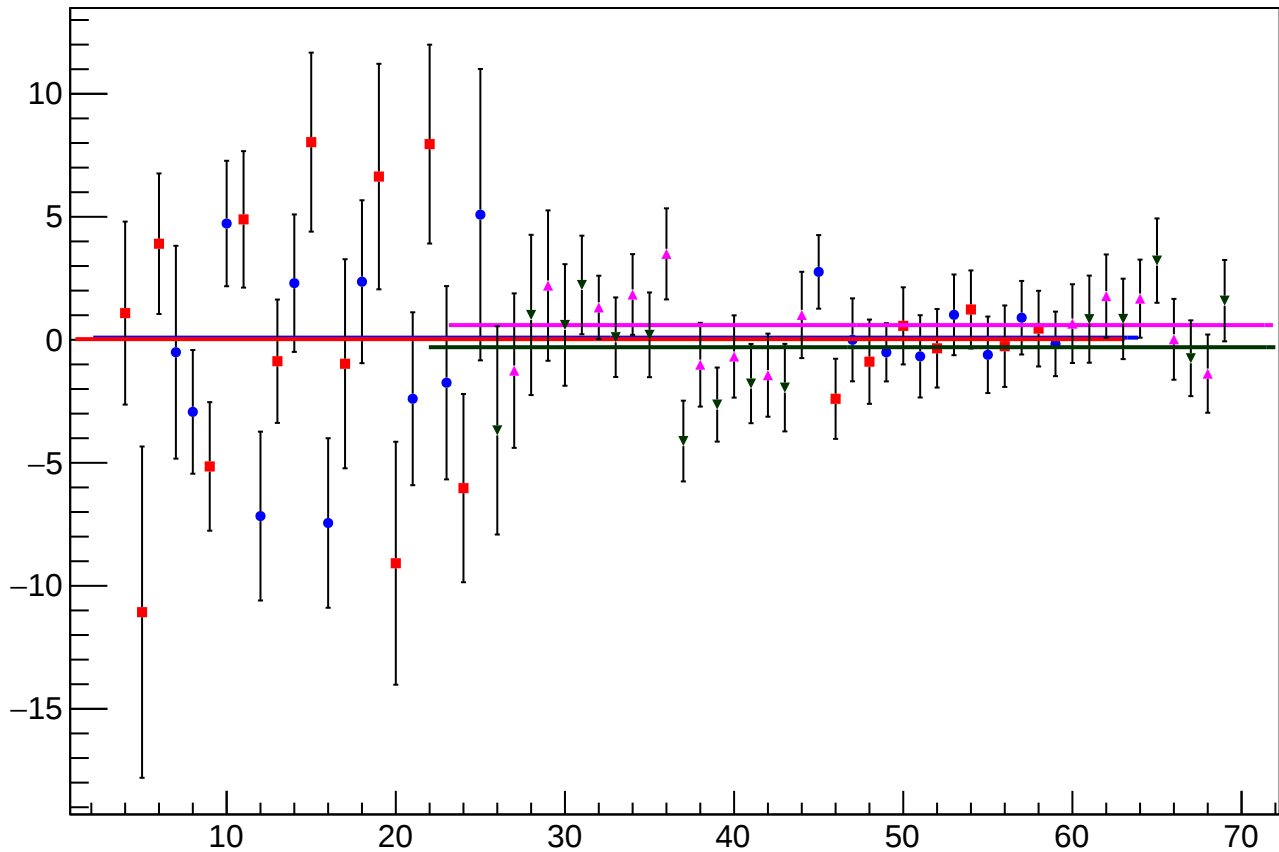
147.995 ± 0.025 χ^2/NDF : 1871367.3/32

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

135.284 ± 0.023 χ^2/NDF : 2385226.5/32

Left In: 123.983 ± 0.031 χ^2/NDF : 601561.7/13

asym_cav4bQ_mean vs slug



Right In: 0.089 ± 0.466 $\chi^2/\text{NDF}: 21.1/17$

Left Out: -0.300 ± 0.465 $\chi^2/\text{NDF}: 18.7/14$

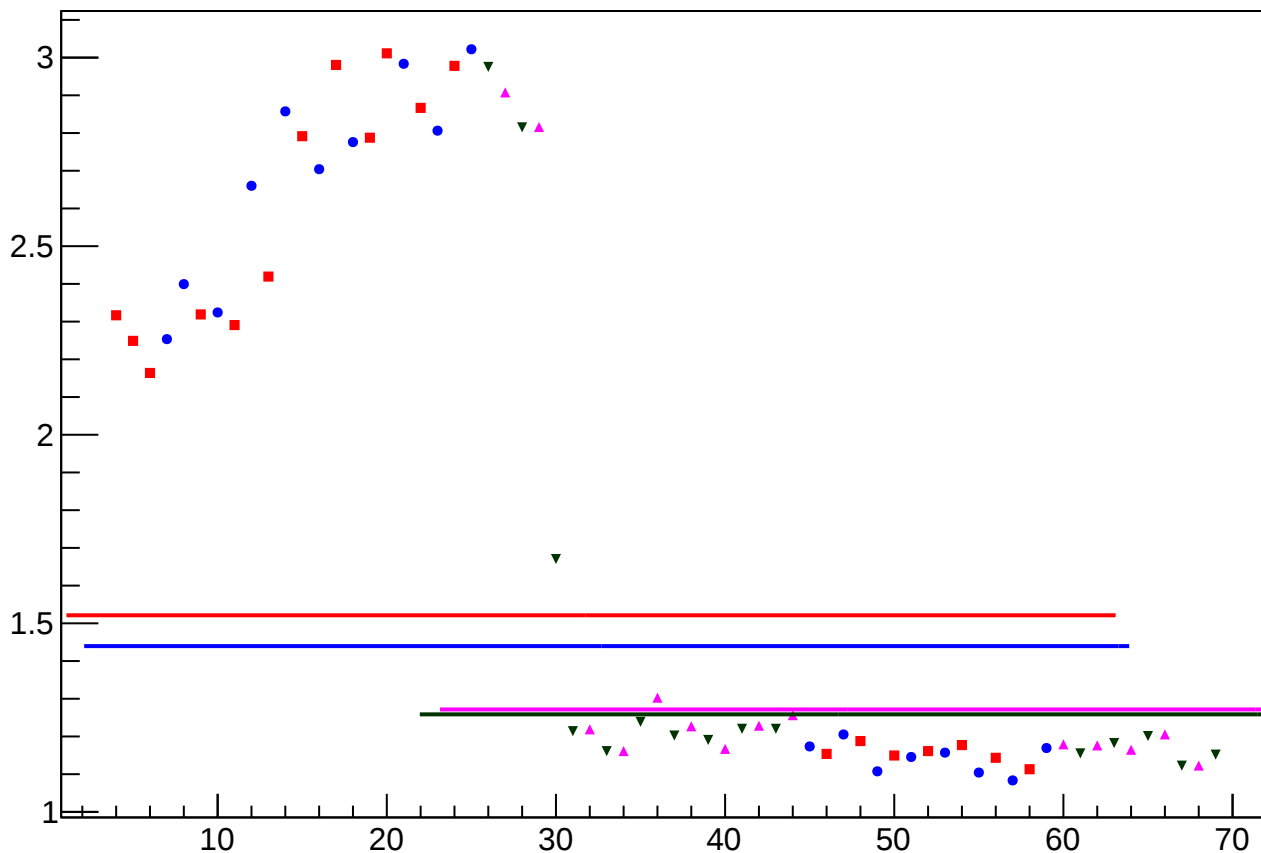
Right Out: 0.028 ± 0.520 $\chi^2/\text{NDF}: 31.9/18$

Left In: 0.598 ± 0.459 $\chi^2/\text{NDF}: 9.5/13$

-0.106 ± 0.329 $\chi^2/\text{NDF}: 40.1/32$

0.349 ± 0.344 $\chi^2/\text{NDF}: 42.1/32$

asym_cav4bQ_rms vs slug



Right In: 1.440+/-0.000 χ^2/NDF : 3409388.4/17

Left Out: 1.259+/-0.000 χ^2/NDF : 895531.4/14

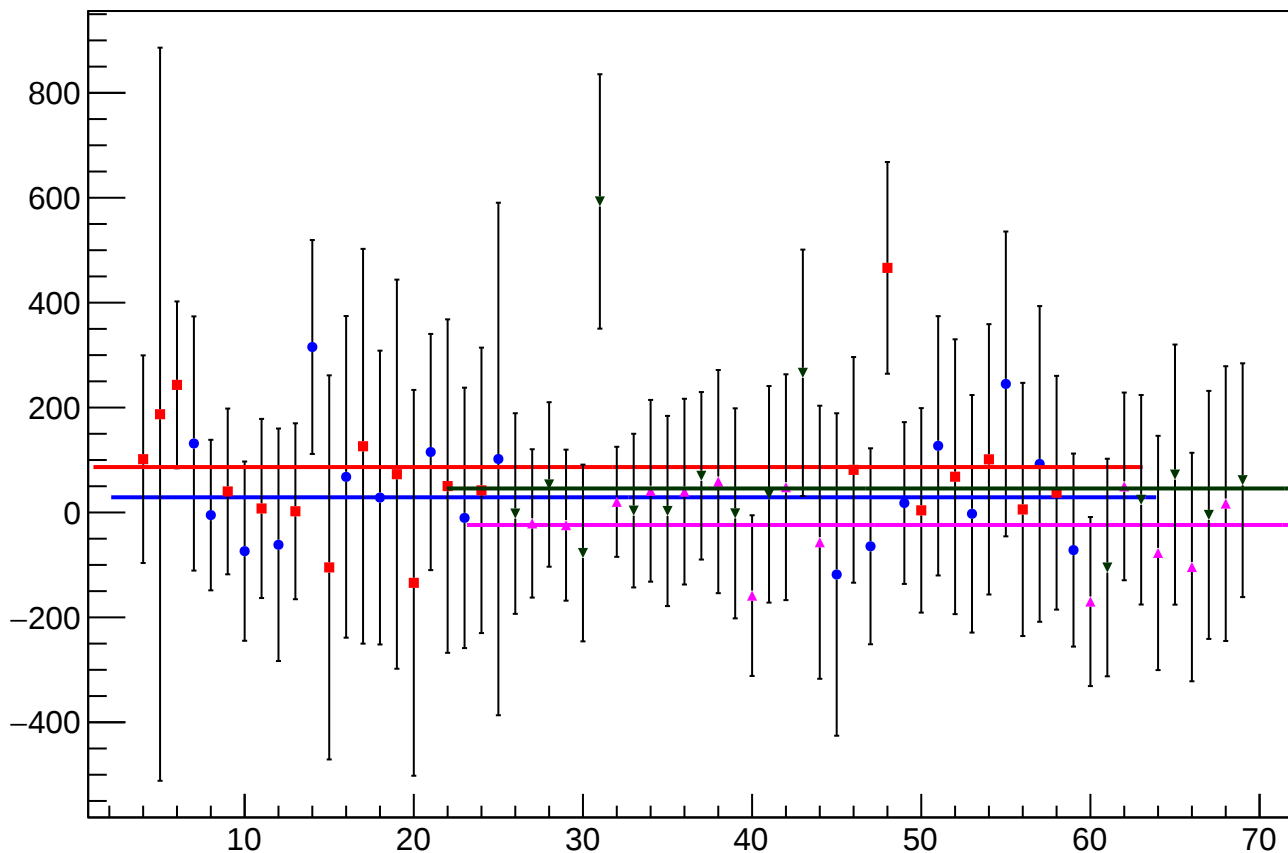
Right Out: 1.521+/-0.000 χ^2/NDF : 2870549.2/18

Left In: 1.272+/-0.000 χ^2/NDF : 1120178.9/13

1.349+/-0.000 χ^2/NDF : 4456043.8/32

1.381+/-0.000 χ^2/NDF : 4250389.4/32

asym_cav4cQ_mean vs slug



Right In: 28.930 ± 51.478 χ^2/NDF : 4.5/17

Left Out: 45.758 ± 49.653 χ^2/NDF : 7.4/14

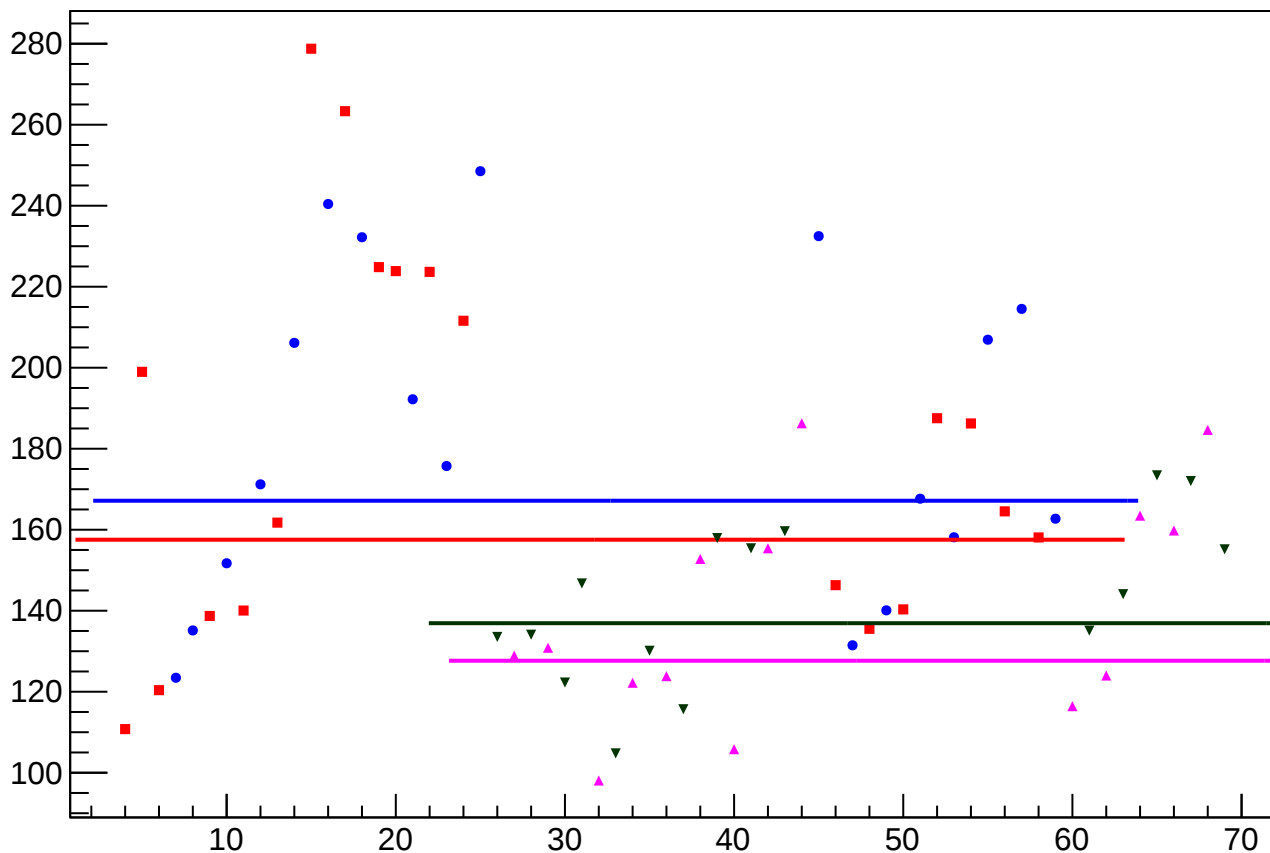
Right Out: 86.558 ± 52.059 χ^2/NDF : 6.1/18

Left In: -23.842 ± 45.604 χ^2/NDF : 2.7/13

37.647 ± 35.738 χ^2/NDF : 12.0/32

24.093 ± 34.303 χ^2/NDF : 11.4/32

asym_cav4cQ_rms vs slug



Right In: 167.159 $\pm$ 0.036 χ^2 /NDF: 875808.6/17

Left Out: 136.920 $\pm$ 0.035 χ^2 /NDF:314533.3/14

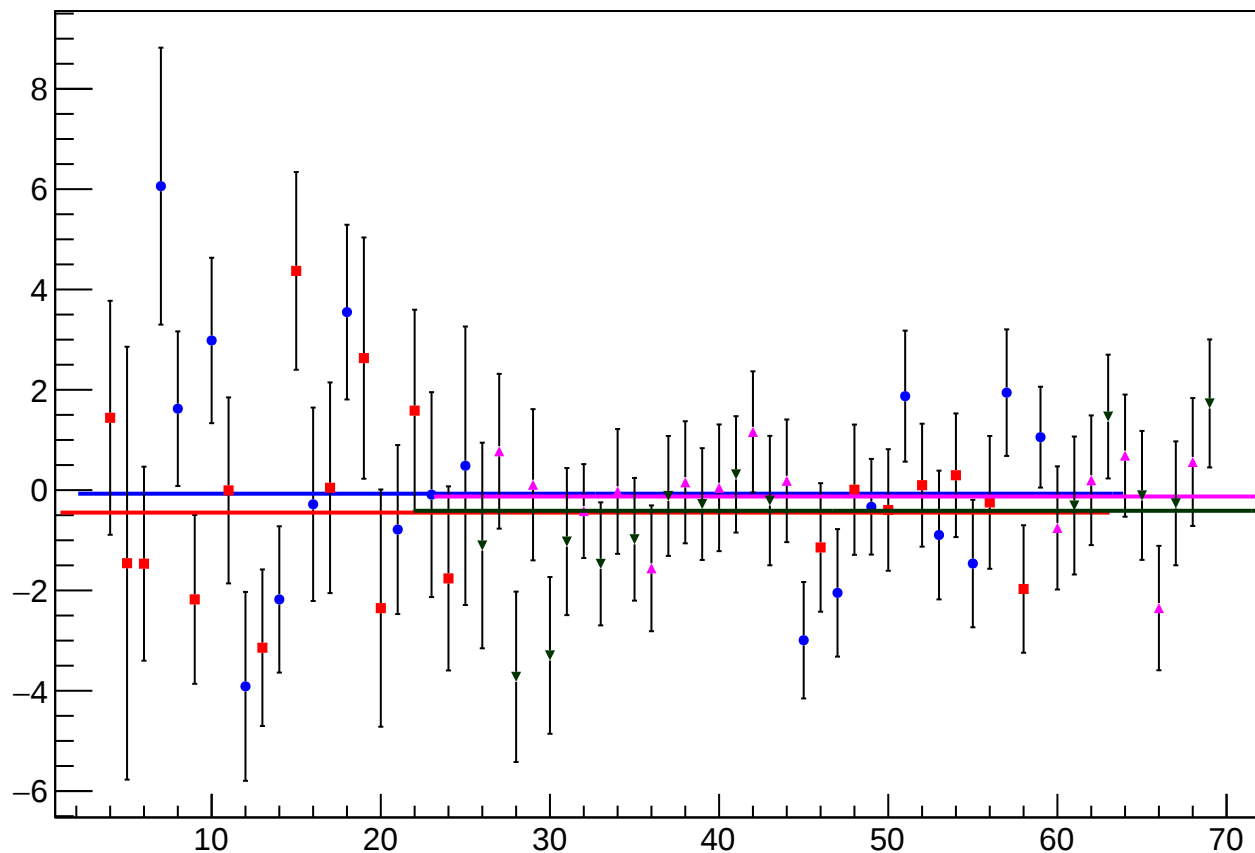
151.494 $\pm$ 0.025 χ^2 /NDF: 1547842.4/32

Right Out: 157.534 $\pm$ 0.037 χ^2 /NDF: 1049684.2/18

140.626 $\pm$ 0.024 χ^2 /NDF: 1989115.6/32

Left In: 127.651 $\pm$ 0.032 χ^2 /NDF:566549.3/13

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.412 ± 0.339 χ^2/NDF : 14.2/14

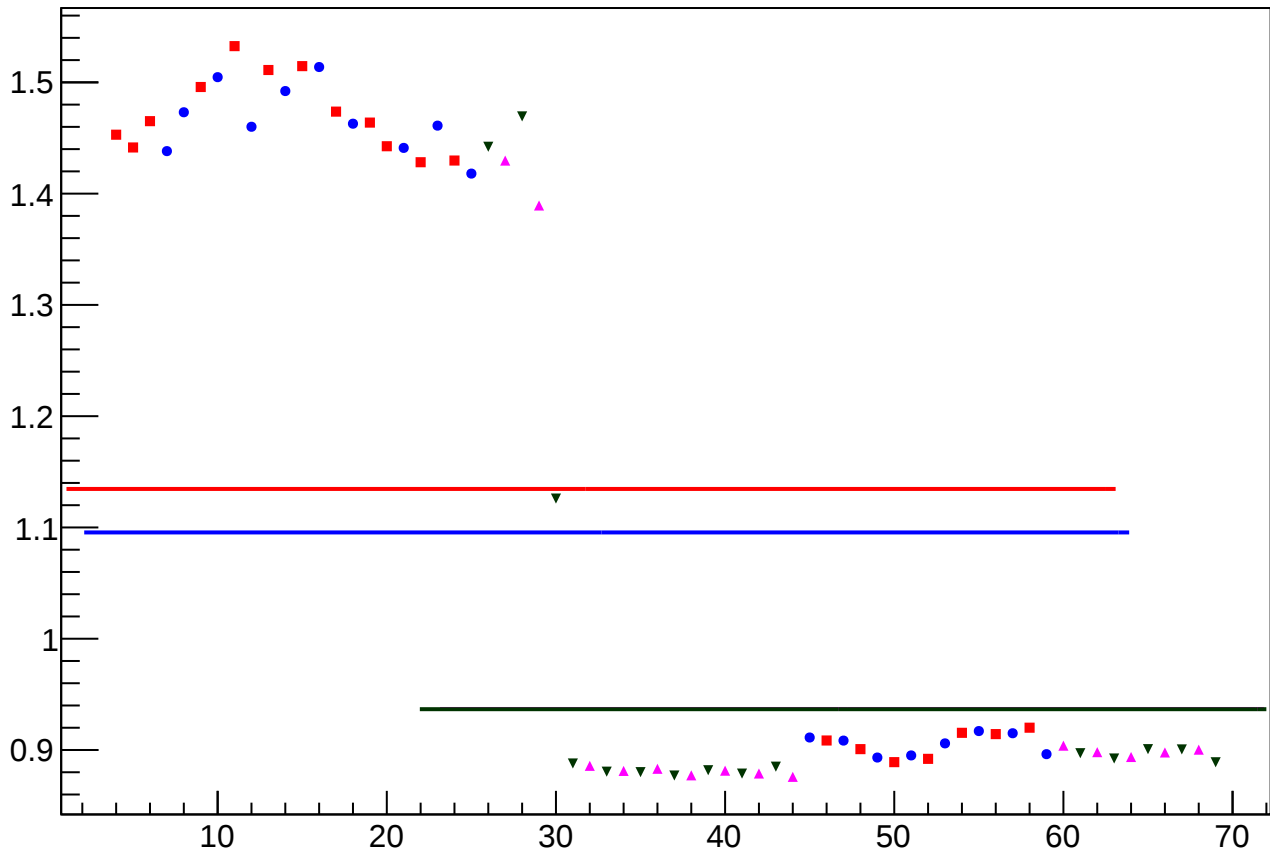
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.127 ± 0.331 χ^2/NDF : 7.3/13

-0.240 ± 0.238 χ^2/NDF : 51.5/32

-0.270 ± 0.246 χ^2/NDF : 25.1/32

asym_cav4dQ_rms vs slug



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

Left Out: 0.937+/-0.000 χ^2/NDF : 386728.2/14

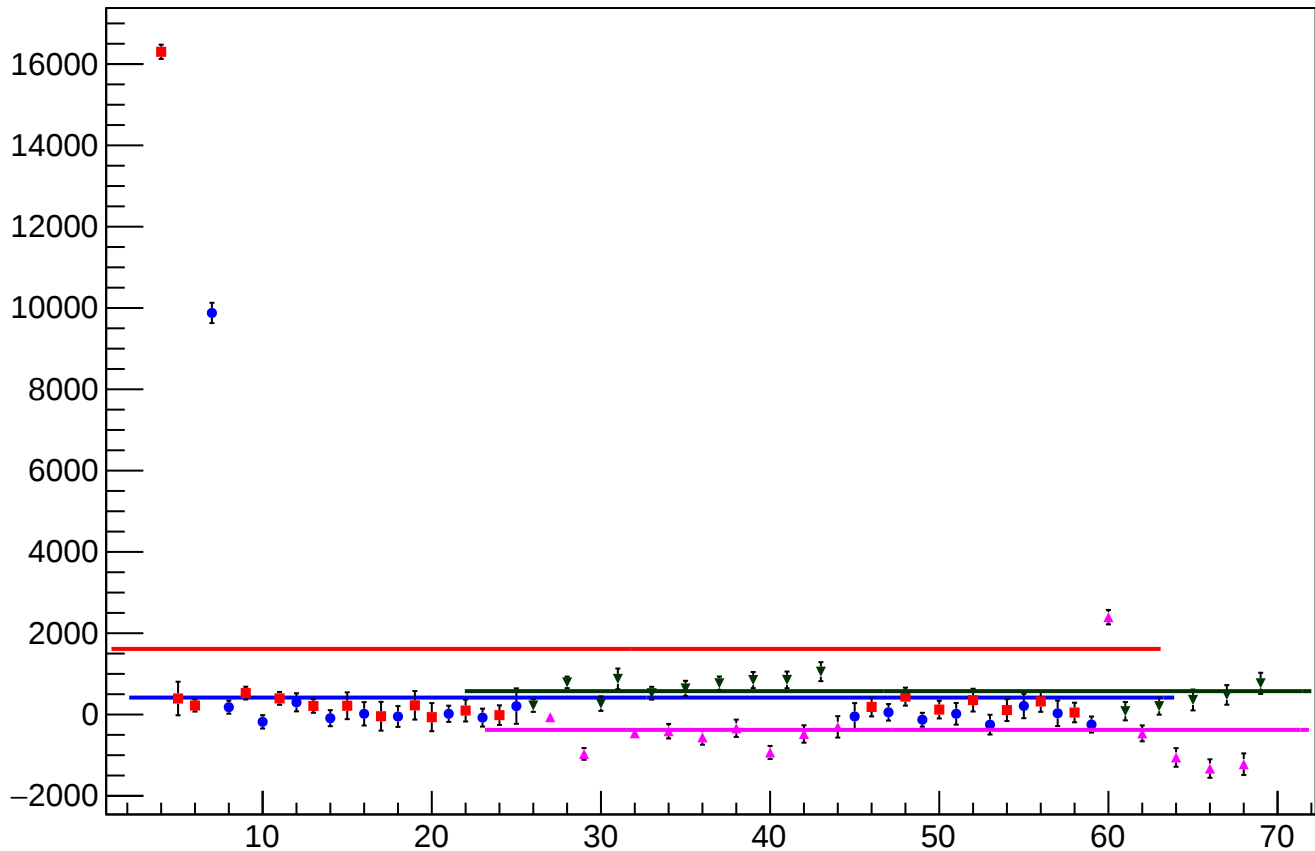
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.937+/-0.000 χ^2/NDF : 425571.0/13

1.017+/-0.000 χ^2/NDF : 1897318.7/32

1.025+/-0.000 χ^2/NDF : 1905801.4/32

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 575.202+/-50.117 χ^2/NDF : 30.5/14

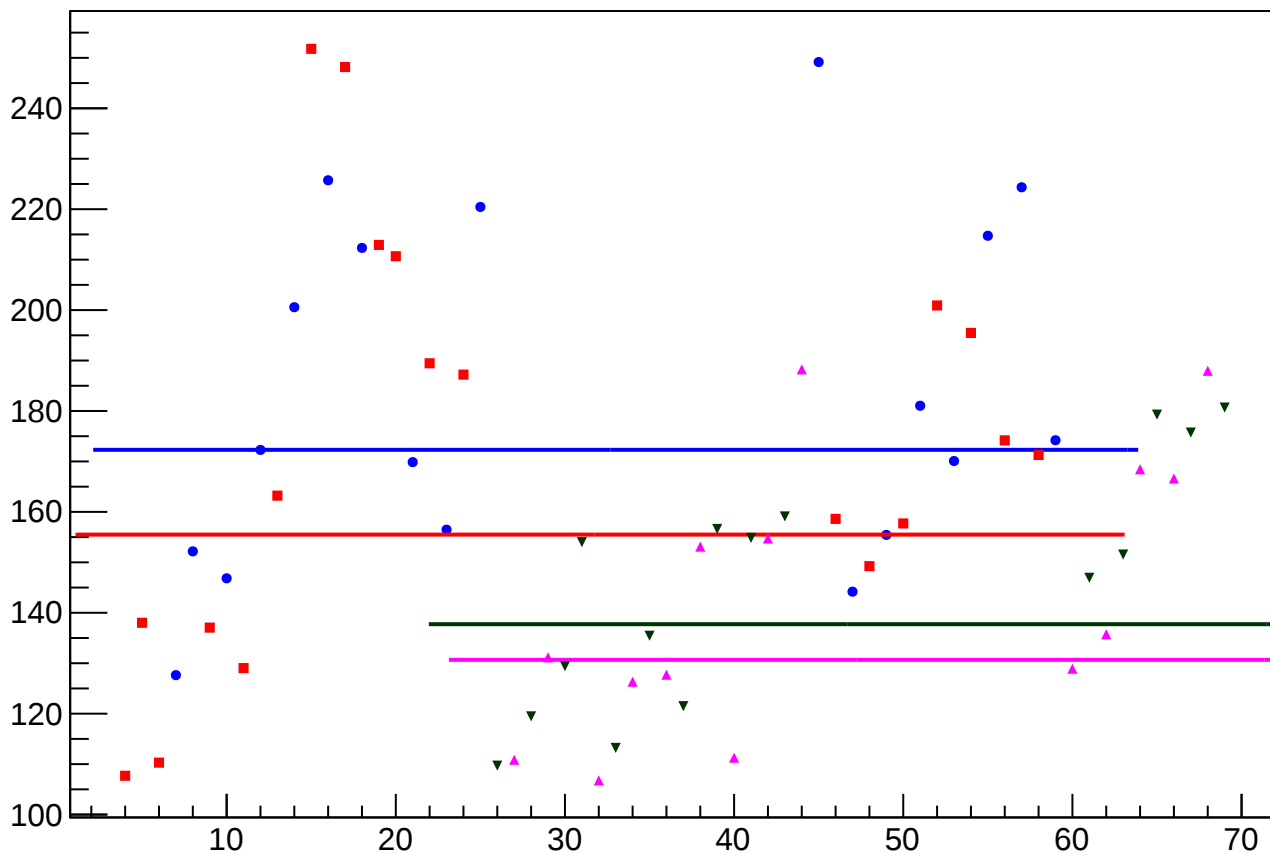
500.065+/-36.296 χ^2/NDF : 1543.2/32

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

524.910+/-34.417 χ^2/NDF : 8811.7/32

Left In: -377.248+/-46.532 χ^2/NDF : 316.5/13

asym_bcm0l02_rms vs slug



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

Left Out: 137.737+/-0.035 χ^2/NDF :394579.6/14

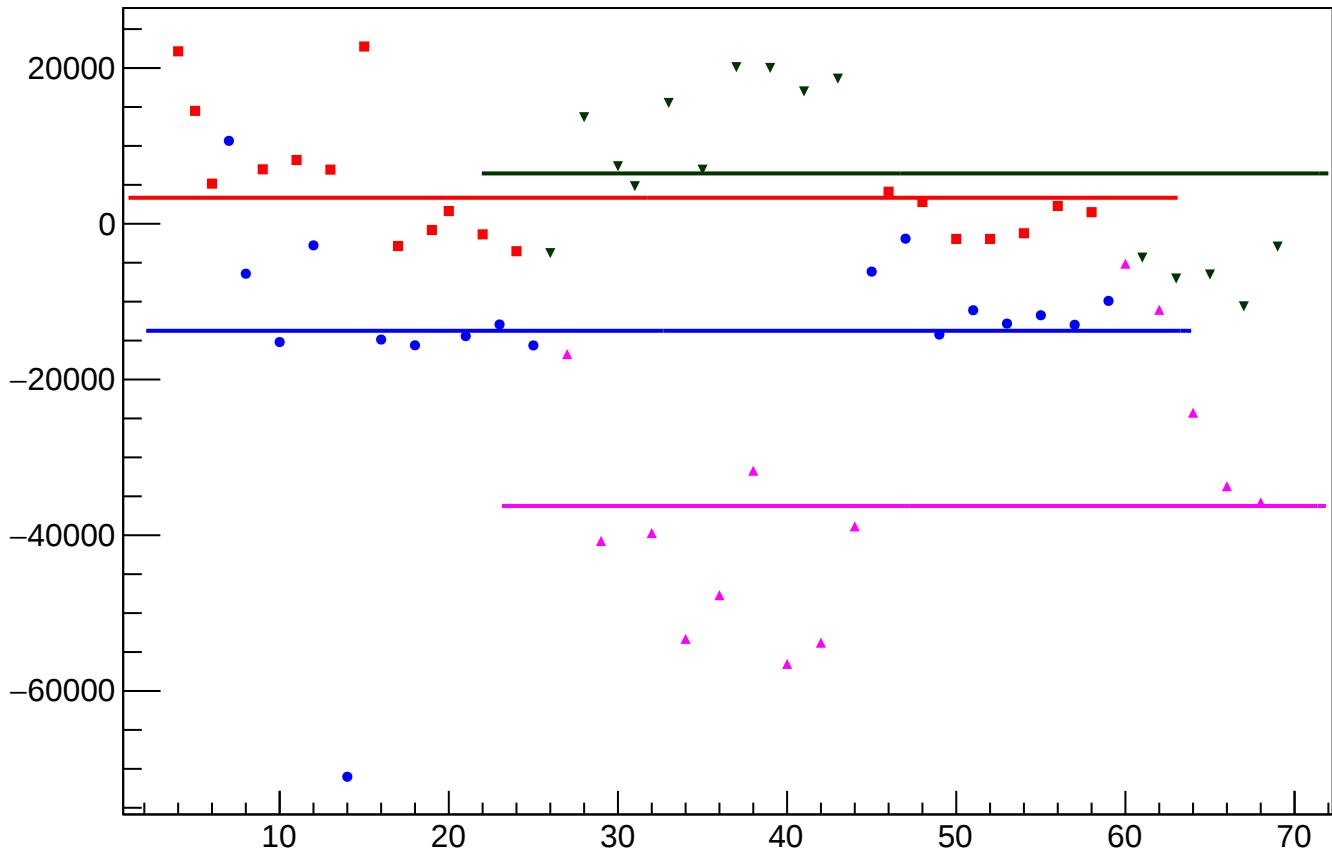
154.174+/-0.026 χ^2/NDF : 1447782.3/32

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

141.915+/-0.024 χ^2/NDF : 1790106.3/32

Left In: 130.672+/-0.033 χ^2/NDF :513588.0/13

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 6466.541+/-34.163 χ^2/NDF : 107808.4/14

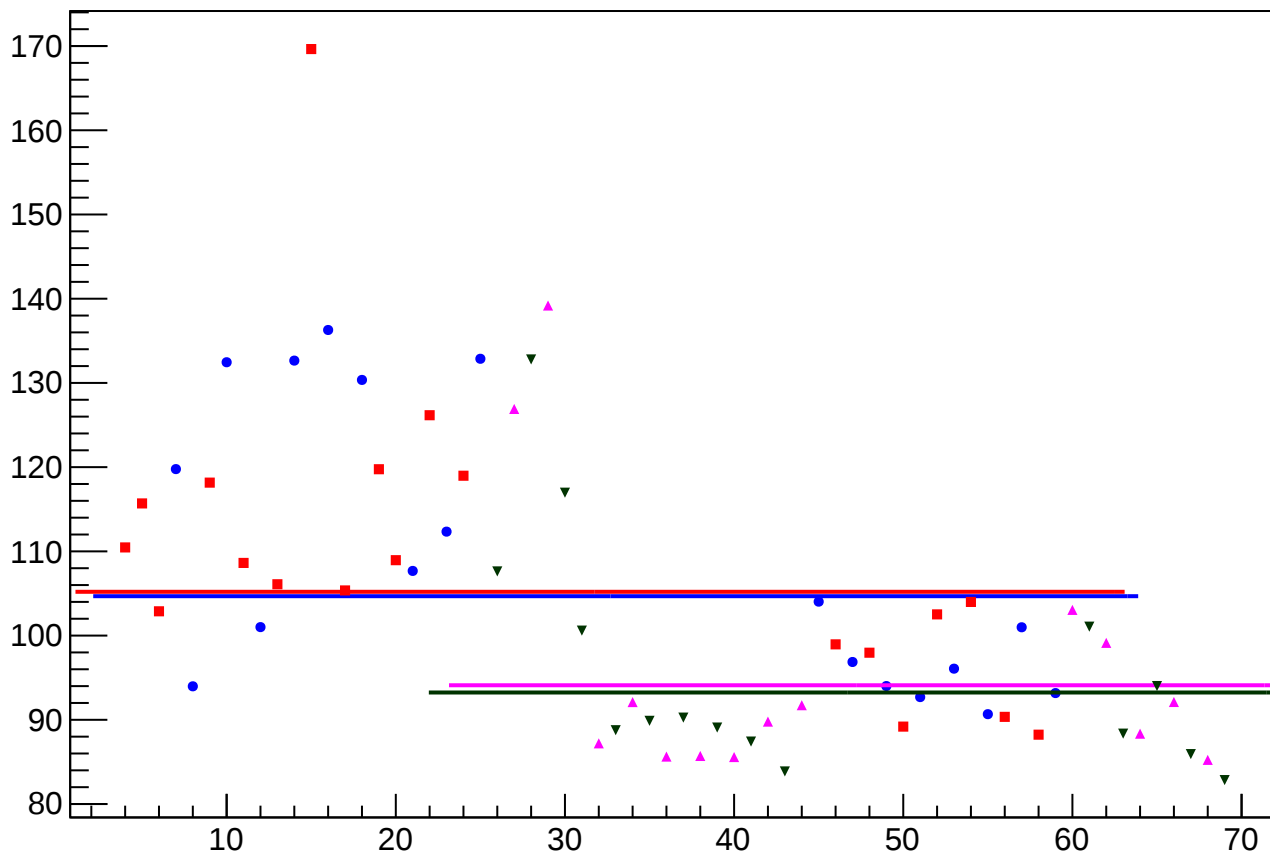
-4280.735+/-23.375 χ^2/NDF : 516087.7/32

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

-16725.272+/-24.056 χ^2/NDF : 888614.7/32

Left In: -36242.692+/-33.788 χ^2/NDF : 180542.7/13

asym_bpm2i01WS_rms vs slug



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

Left Out: 93.243 $\pm$ 0.024 χ^2 /NDF:236664.3/14

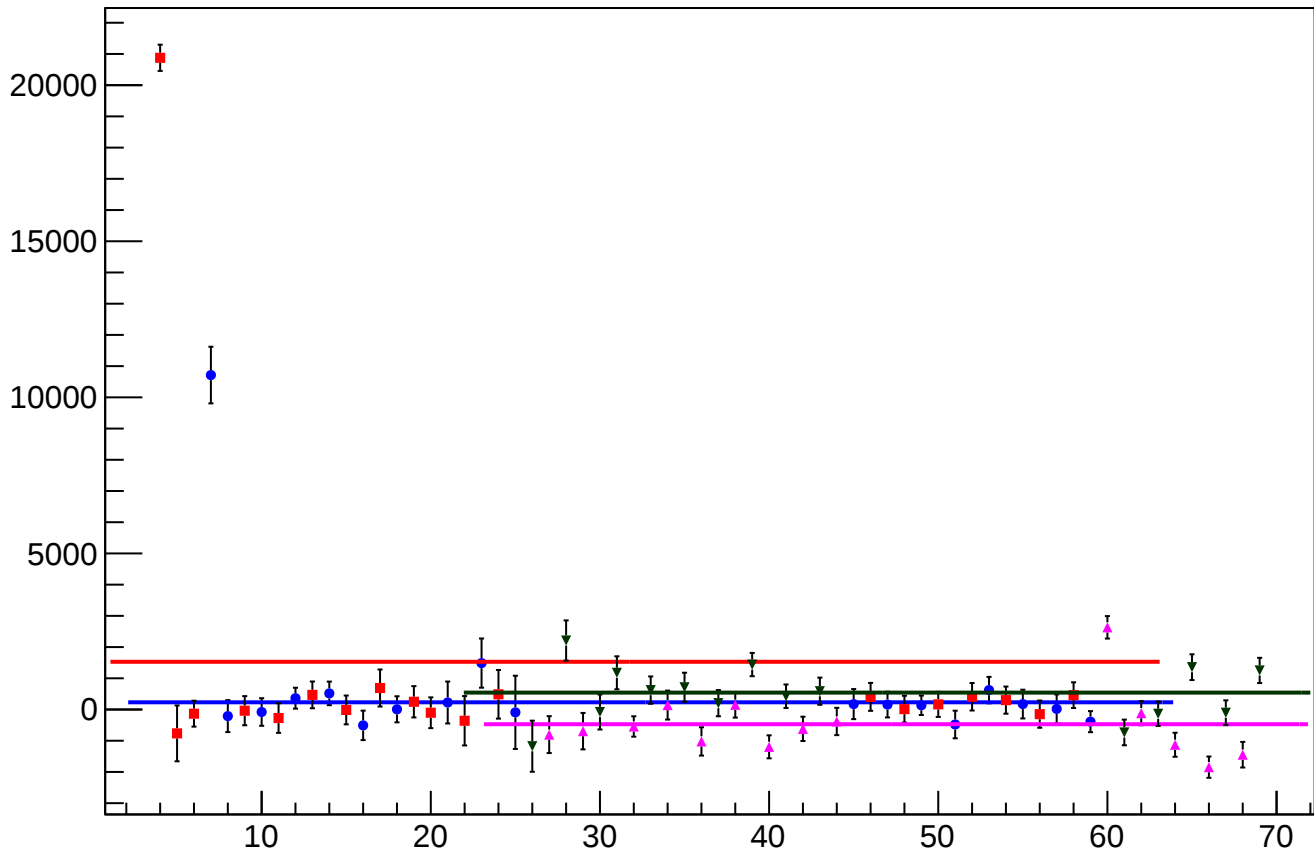
Right Out: 105.200 $\pm$ 0.024 χ^2 /NDF: 336723.5/18

Left In: 94.102 $\pm$ 0.024 χ^2 /NDF:341011.7/13

99.324 $\pm$ 0.017 χ^2 /NDF: 787570.6/32

99.574 $\pm$ 0.017 χ^2 /NDF: 784146.8/32

asym_bpm0i07WS_mean vs slug



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

Left Out: 541.743 $\pm$ 114.299 χ^2 /NDF: 42.8/14

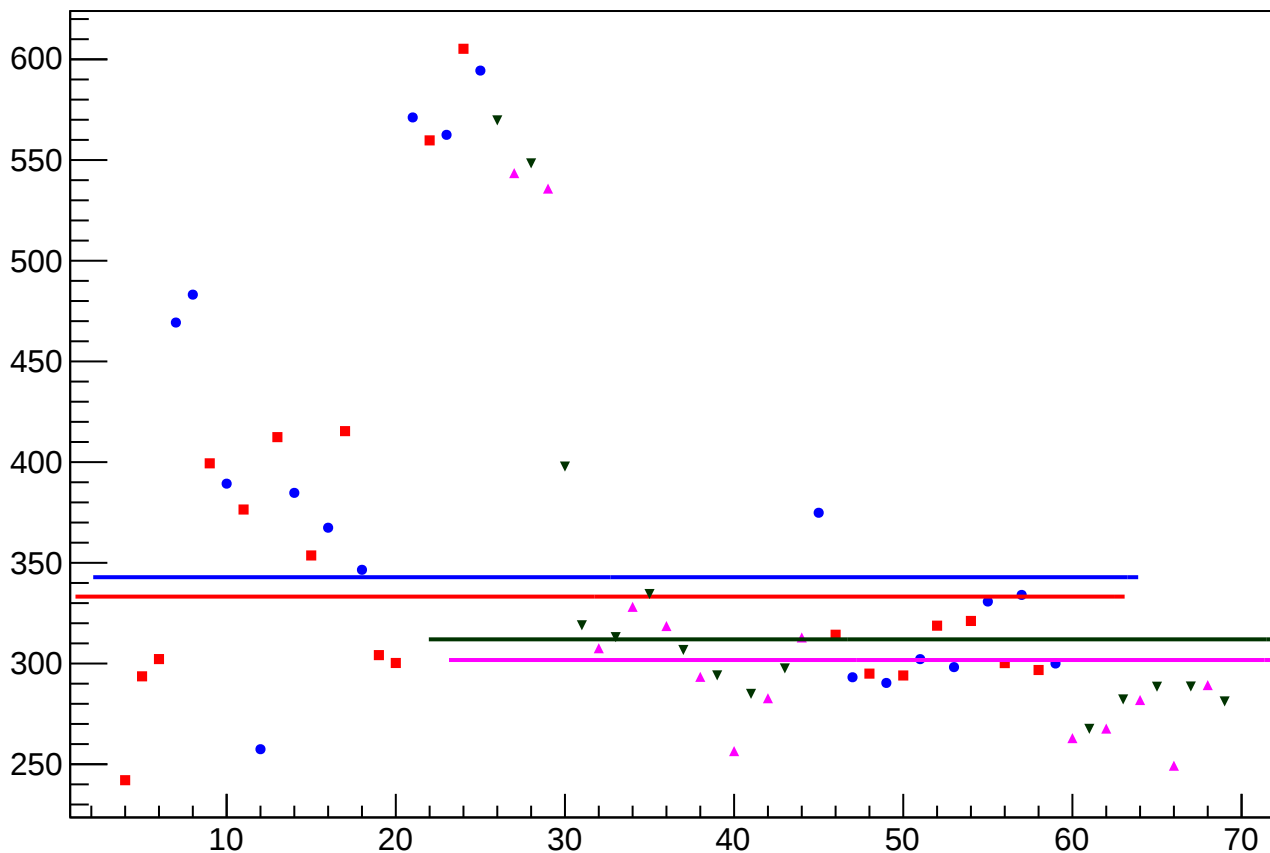
373.545 $\pm$ 77.419 χ^2 /NDF: 194.8/32

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

520.909 $\pm$ 76.726 χ^2 /NDF: 2554.1/32

Left In: -471.033 $\pm$ 108.070 χ^2 /NDF: 110.2/13

asym_bpm0i07WS_rms vs slug



Right In: 342.865 ± 0.074 $\chi^2/\text{NDF}: 1018623.1/17$

Left Out: 312.006 ± 0.081 $\chi^2/\text{NDF}: 596966.3/14$

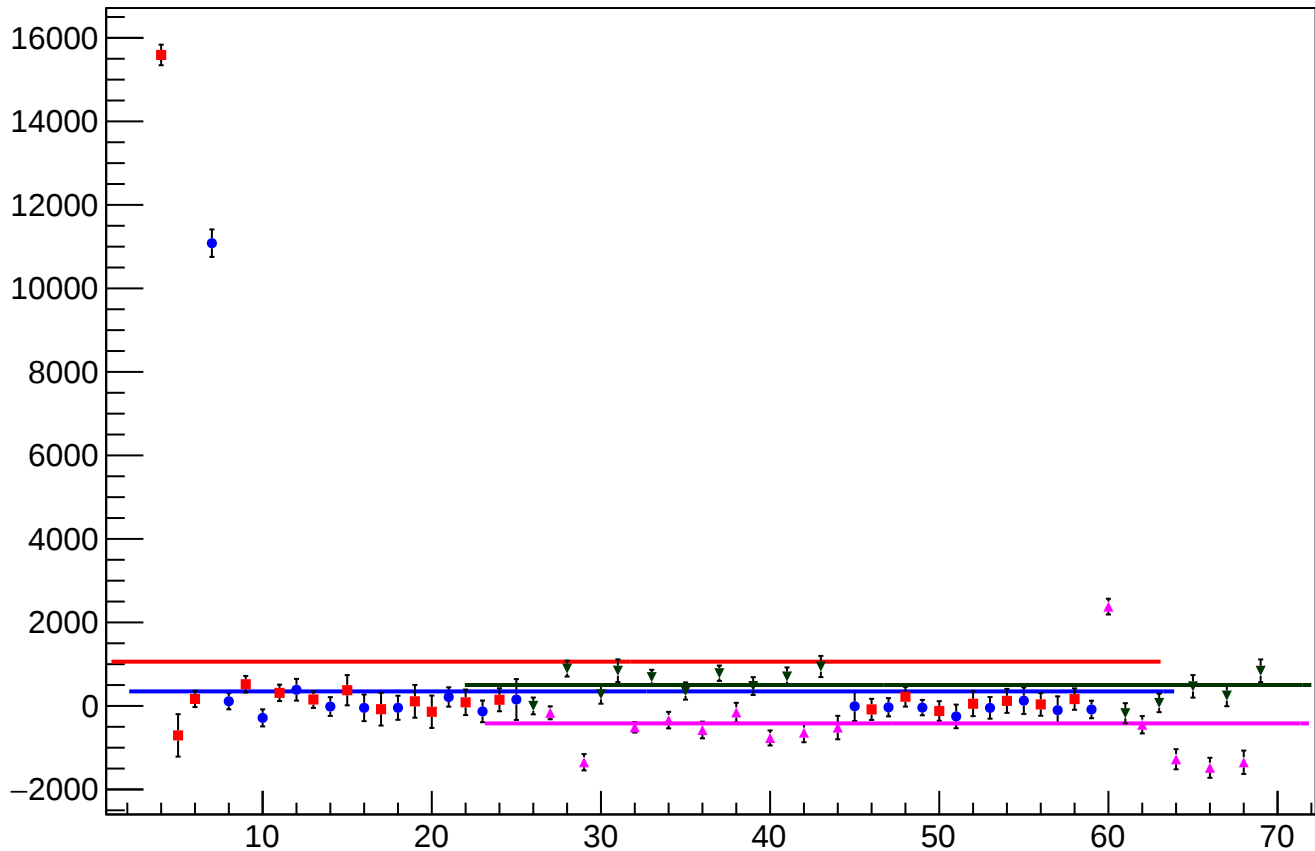
Right Out: 333.230 ± 0.077 $\chi^2/\text{NDF}: 768934.3/18$

Left In: 301.744 ± 0.076 $\chi^2/\text{NDF}: 796503.6/13$

328.707 ± 0.055 $\chi^2/\text{NDF}: 1694490.7/32$

317.360 ± 0.054 $\chi^2/\text{NDF}: 1649634.0/32$

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF : 1103.2/17

Left Out: 501.367+/-56.845 χ^2/NDF : 35.1/14

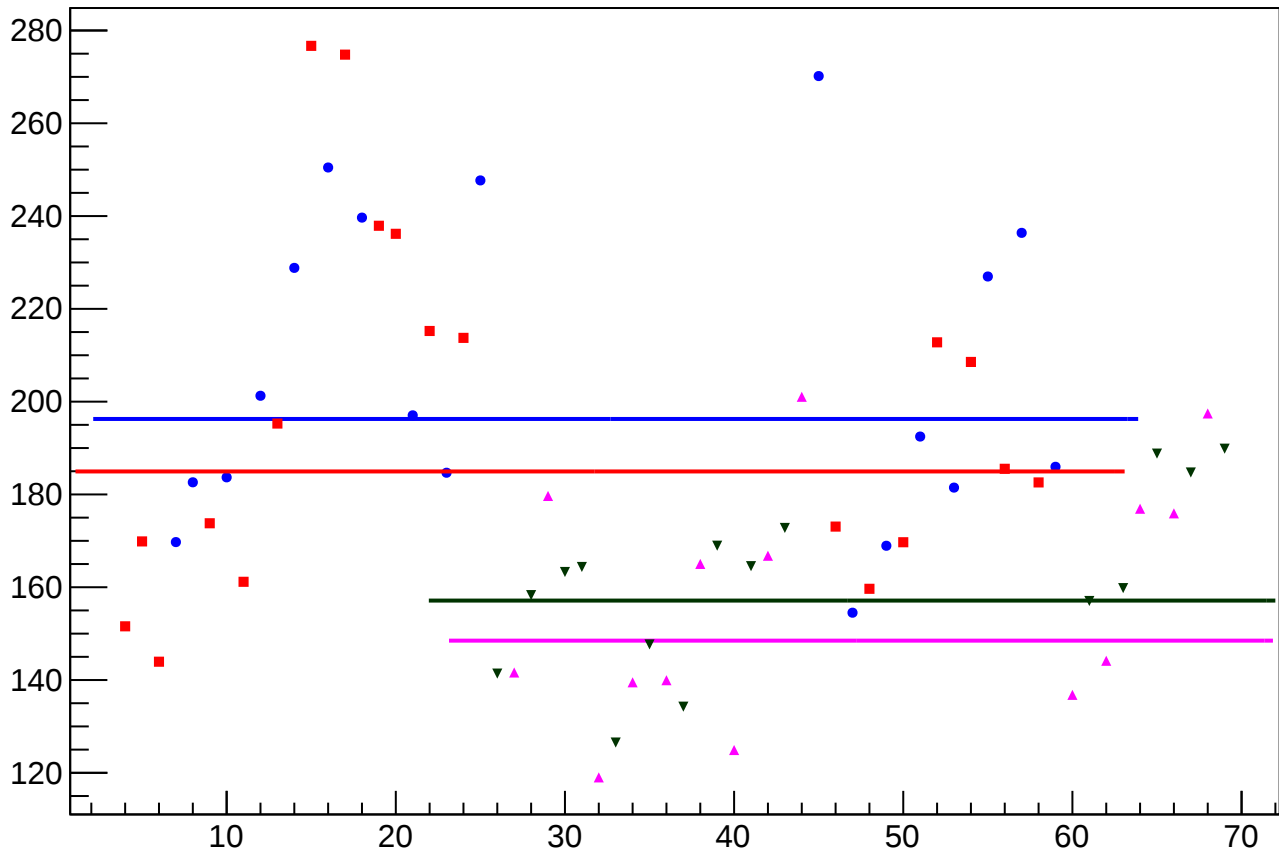
Right Out: 1059.962+/-60.034 χ^2/NDF : 3708.7/18

Left In: -418.545+/-52.649 χ^2/NDF : 295.5/13

428.460+/-41.149 χ^2/NDF : 1141.8/32

224.217+/-39.583 χ^2/NDF : 4347.1/32

asym_bpm0l01WS_rms vs slug



Right In: 196.269 ± 0.042 χ^2/NDF : 466122.9/17

Left Out: 157.125 ± 0.040 χ^2/NDF : 206561.4/14

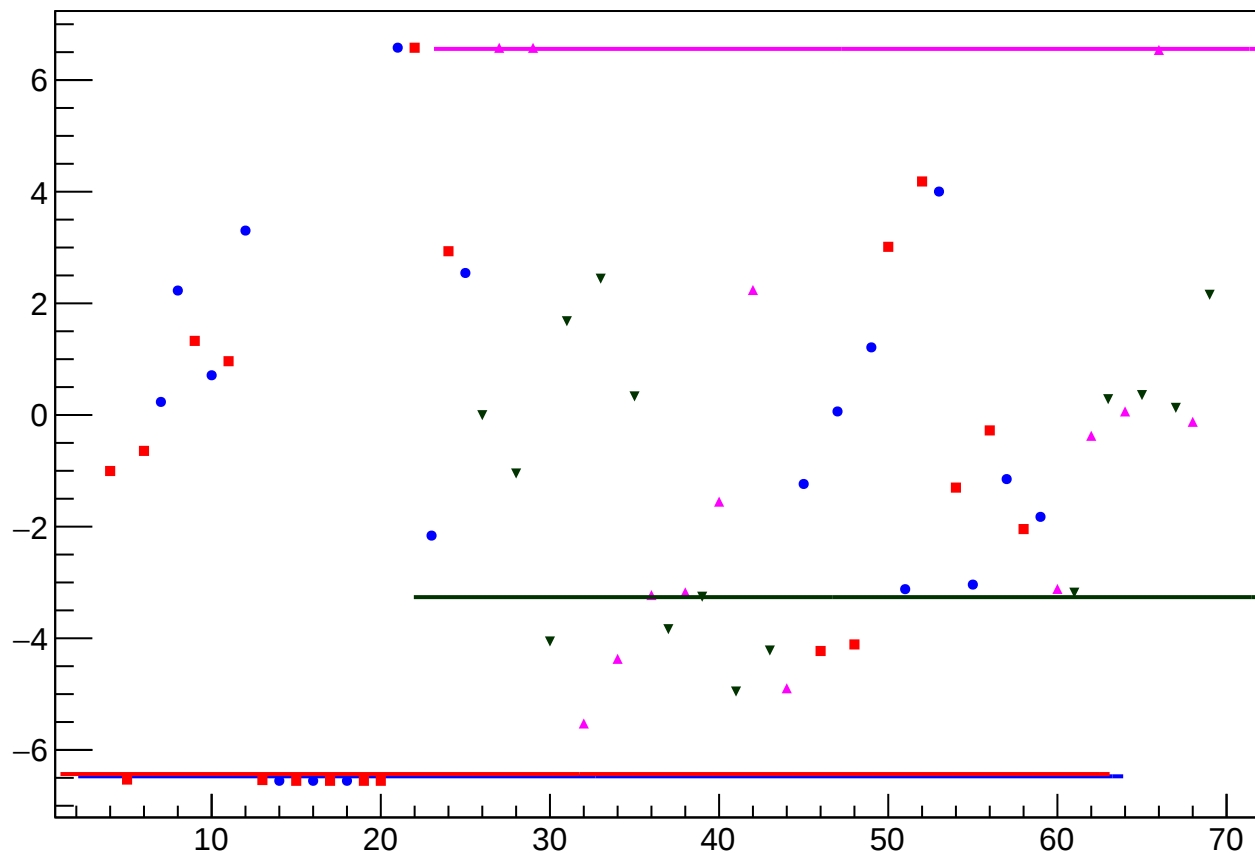
Right Out: 184.956 ± 0.042 χ^2/NDF : 580645.4/18

Left In: 148.490 ± 0.037 χ^2/NDF : 421655.4/13

175.757 ± 0.029 χ^2/NDF : 1124081.3/32

164.343 ± 0.028 χ^2/NDF : 1419430.3/32

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -3.263+/-0.001 χ^2/NDF : 11234210.6/14

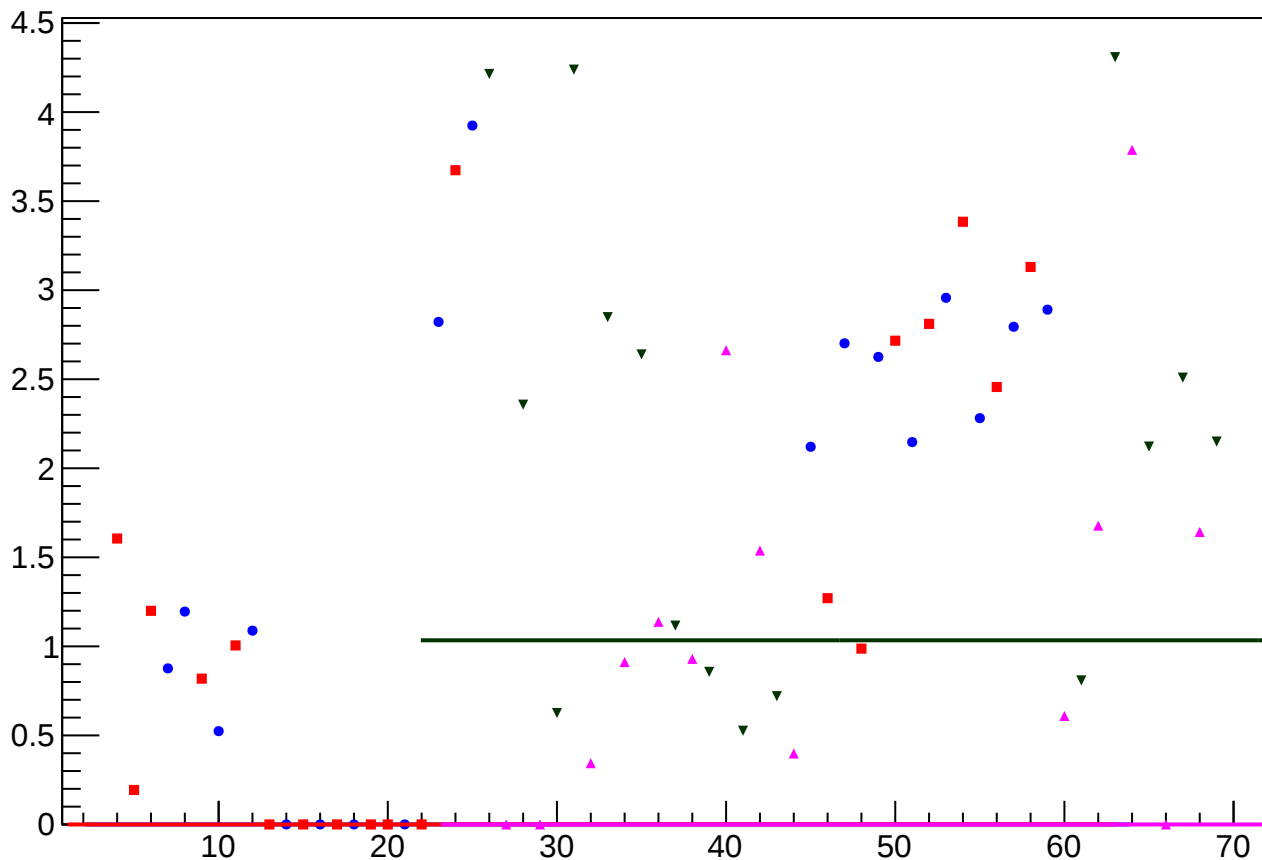
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF : 1555691599.7/13

-6.473+/-0.000 χ^2/NDF : 127847995150025.6/3

-6.196+/-0.000 χ^2/NDF : 446402675101659.1/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 1.034+/-0.000 χ^2/NDF : 3930810.7/14

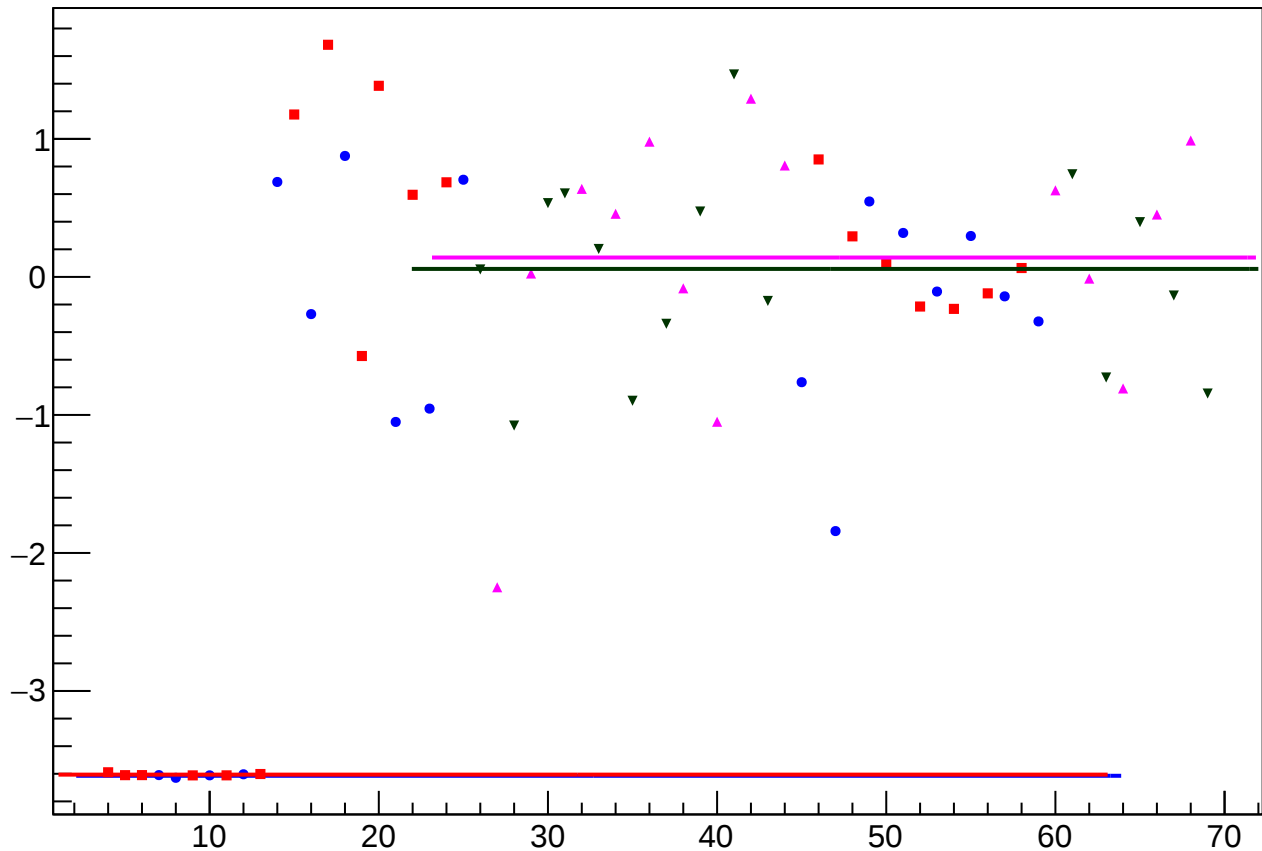
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 7970932.0/13

0.000+/-0.000 χ^2/NDF : 23022321.0/32

0.000+/-0.000 χ^2/NDF : 17597559.6/32

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

-3.614+/-0.000 χ^2/NDF : 49281983143.0/32

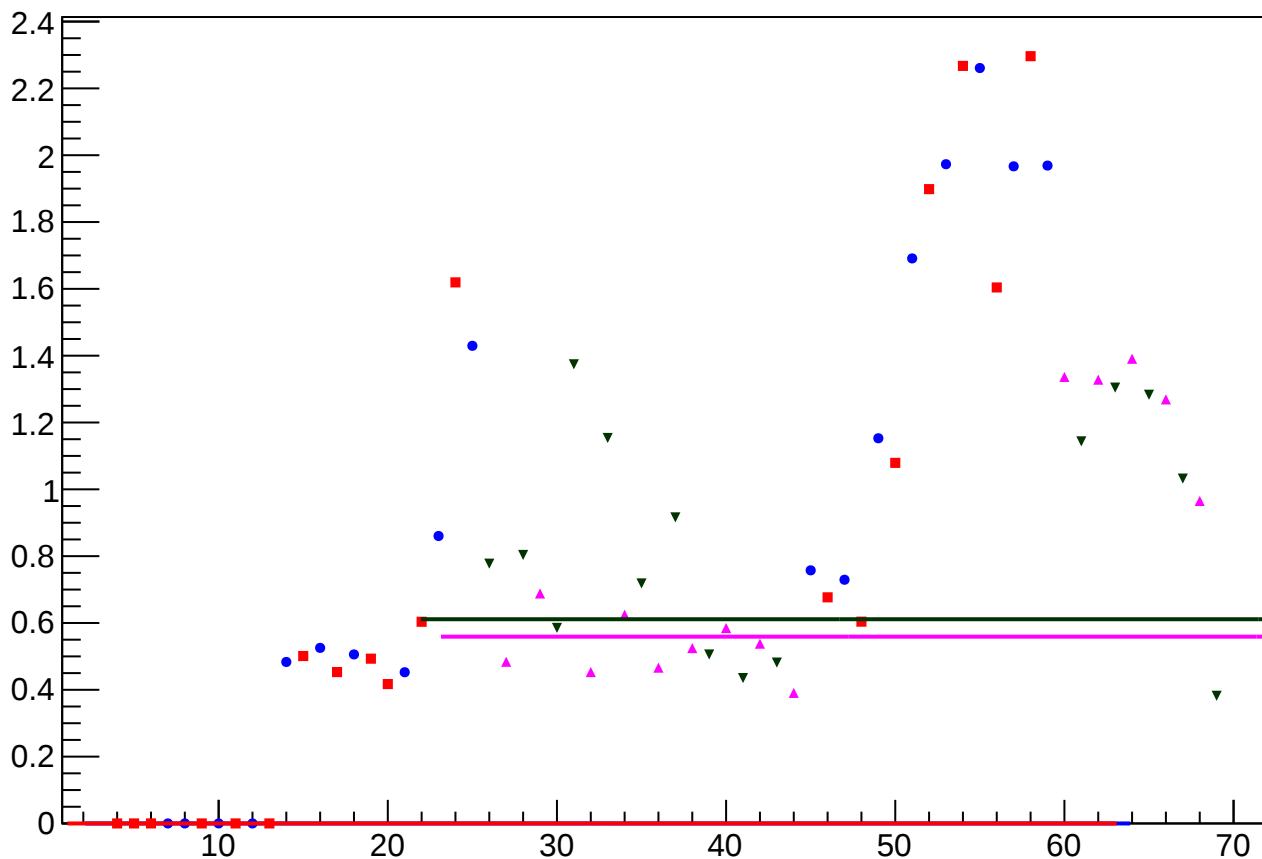
Left Out: 0.058+/-0.000 χ^2/NDF :10409444.0/14

Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

-3.606+/-0.000 χ^2/NDF : 38057773529.1/32

Left In: 0.140+/-0.000 χ^2/NDF :20812918.3/13

yield_cav4bY_rms vs slug



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

Left Out: 0.611+/-0.000 χ^2/NDF :1974382.2/14

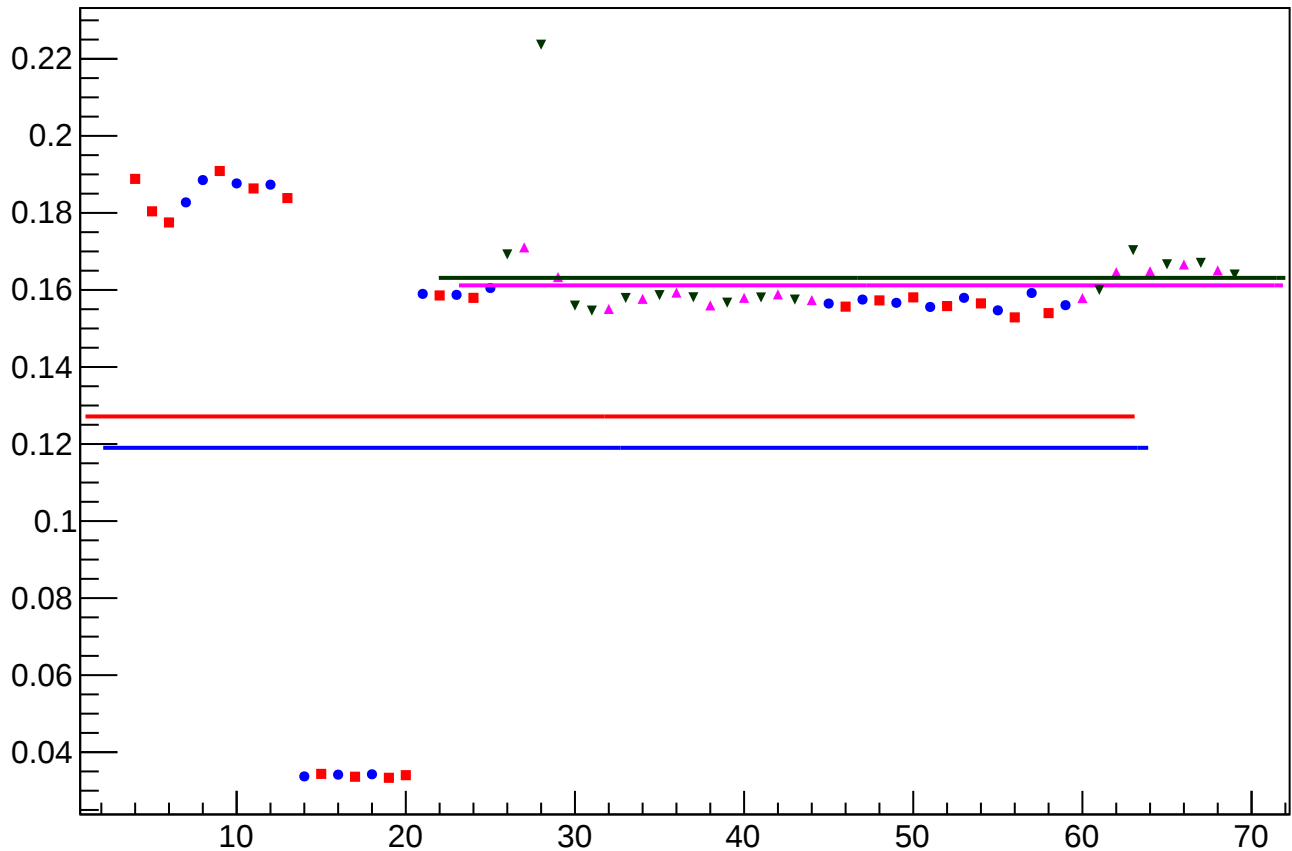
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.559+/-0.000 χ^2/NDF :1816872.6/13

0.000+/-0.000 χ^2/NDF : 26030217.2/32

0.000+/-0.000 χ^2/NDF : 23220264.1/32

yield_cav4cX_mean vs slug



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

Left Out: 0.163+/-0.000 χ^2/NDF : 102552918.3/14

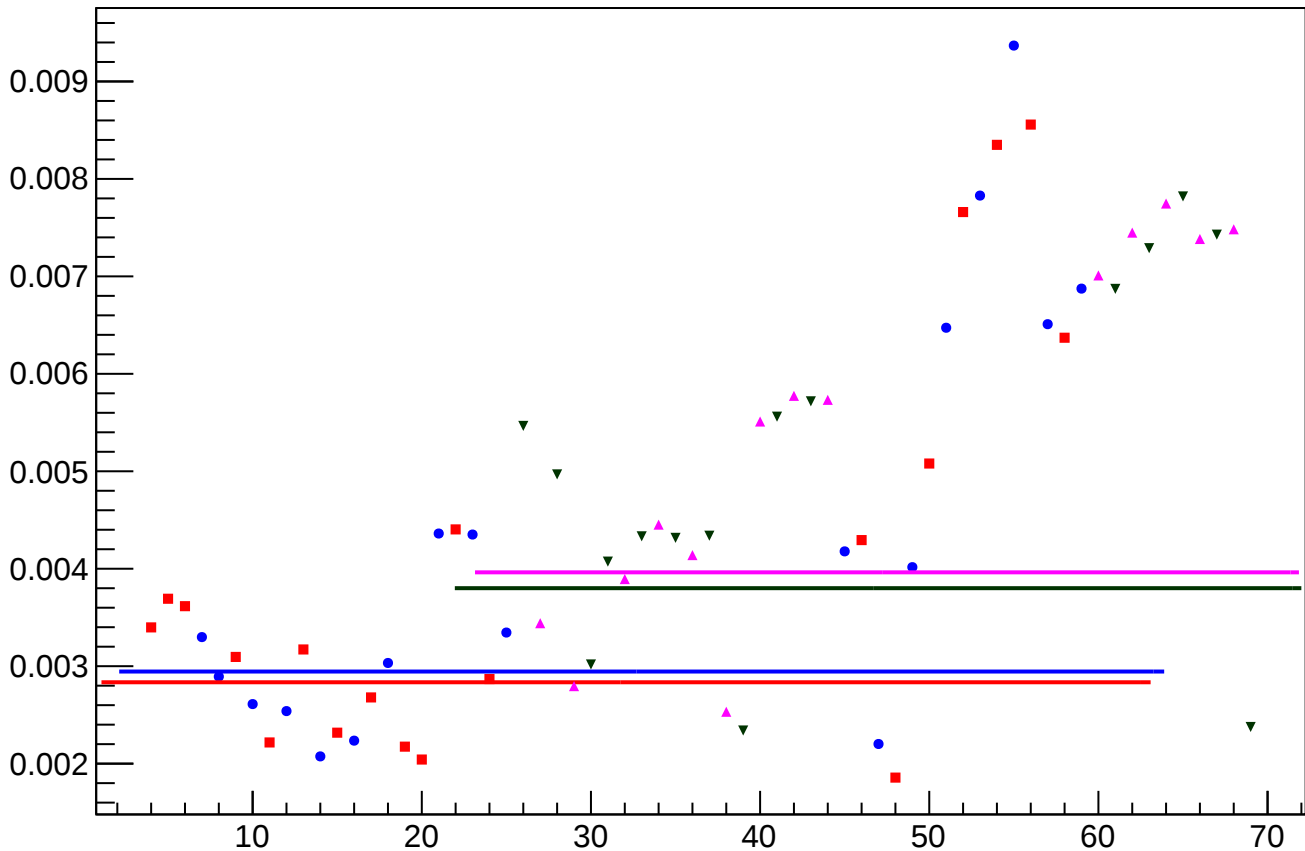
0.132+/-0.000 χ^2/NDF : 5678178655.0/32

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

0.137+/-0.000 χ^2/NDF : 4788649718.6/32

Left In: 0.161+/-0.000 χ^2/NDF : 12438085.9/13

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 :2091988.2/14

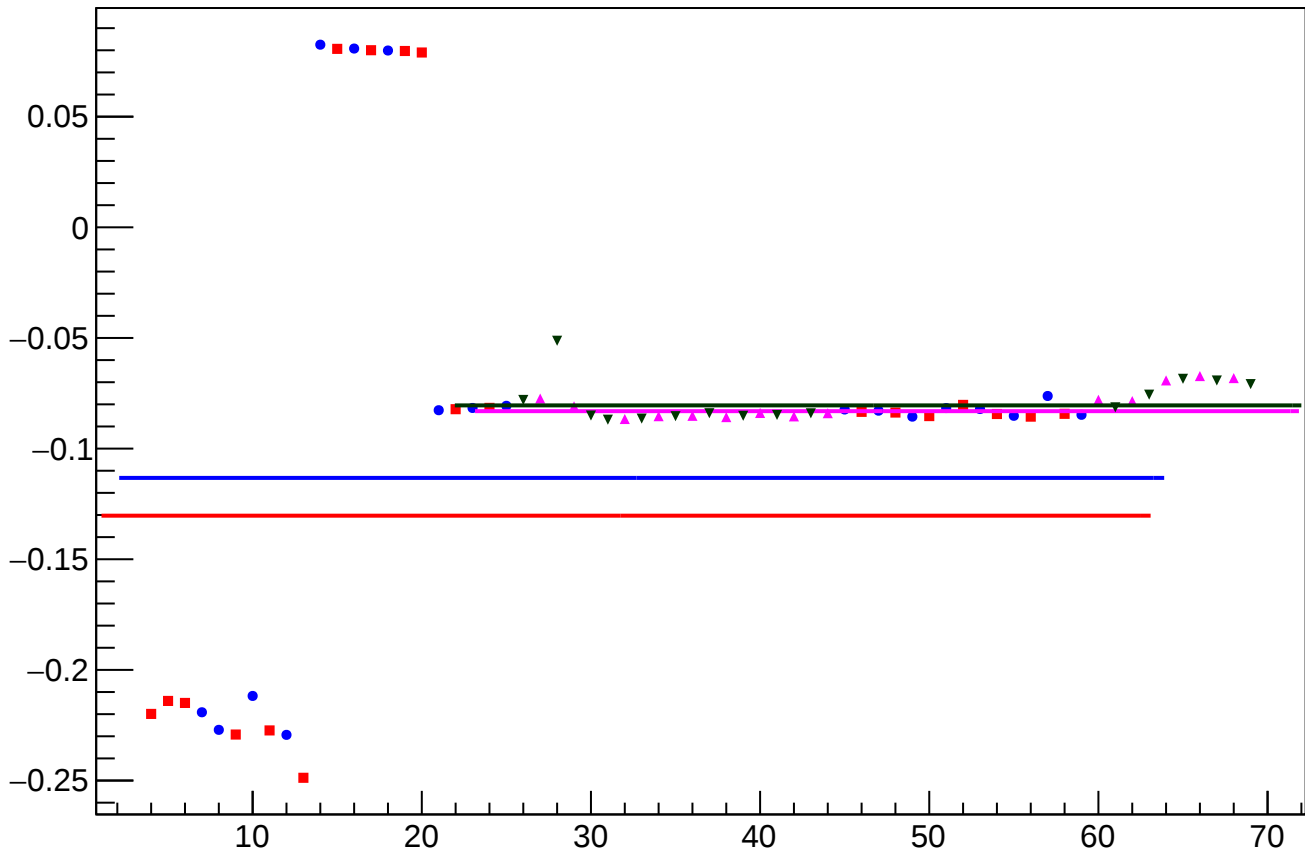
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1945896.5/13

0.003+/-0.000 χ^2/NDF : 5529152.3/32

0.003+/-0.000 χ^2/NDF : 5411332.6/32

yield_cav4cY_mean vs slug



Right In: -0.113+/-0.000 χ^2/NDF : 9694608559.9/17

Left Out: -0.080+/-0.000 χ^2/NDF : 41217183.4/14

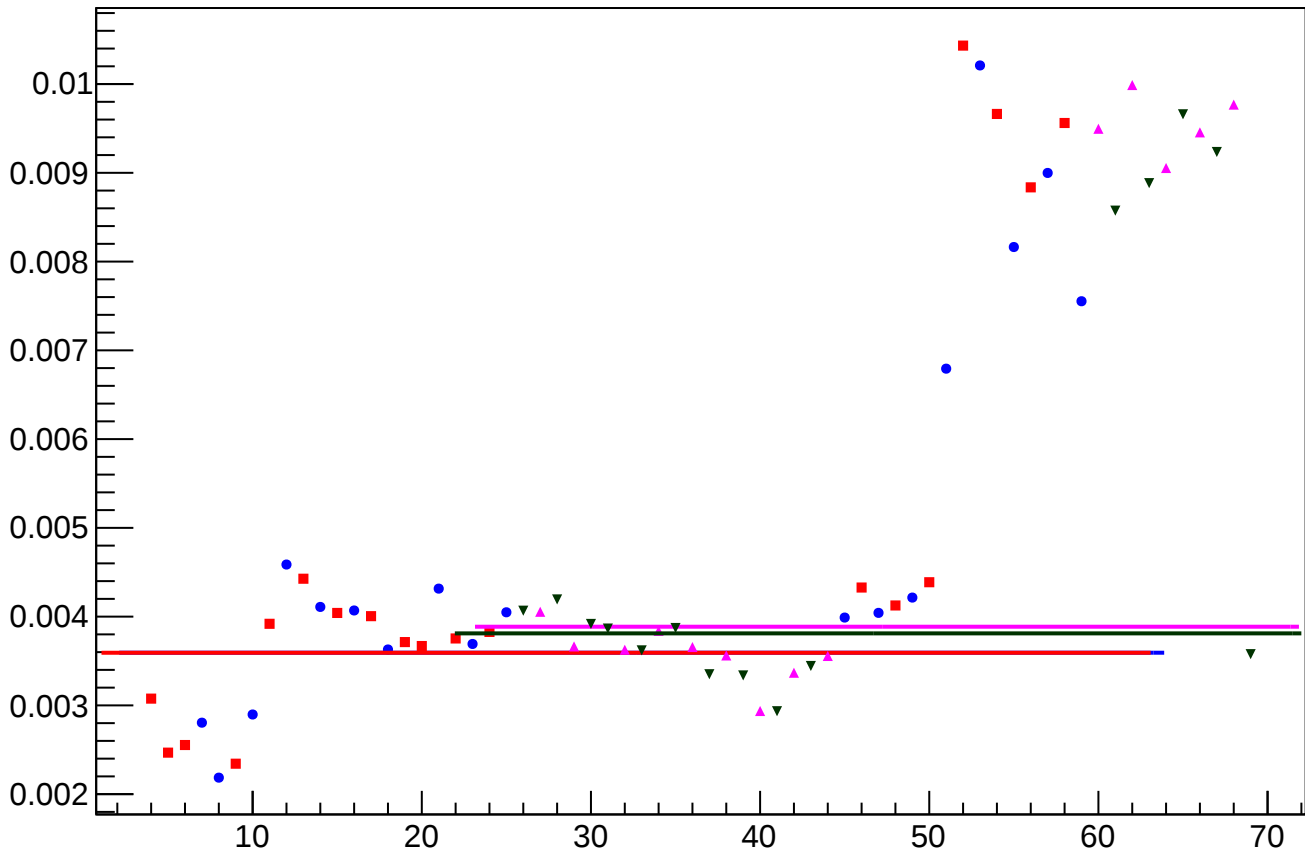
-0.101+/-0.000 χ^2/NDF : 10034373164.6/32

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

-0.111+/-0.000 χ^2/NDF : 9461140257.5/32

Left In: -0.083+/-0.000 χ^2/NDF : 7333736.4/13

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 :1317060.3/14

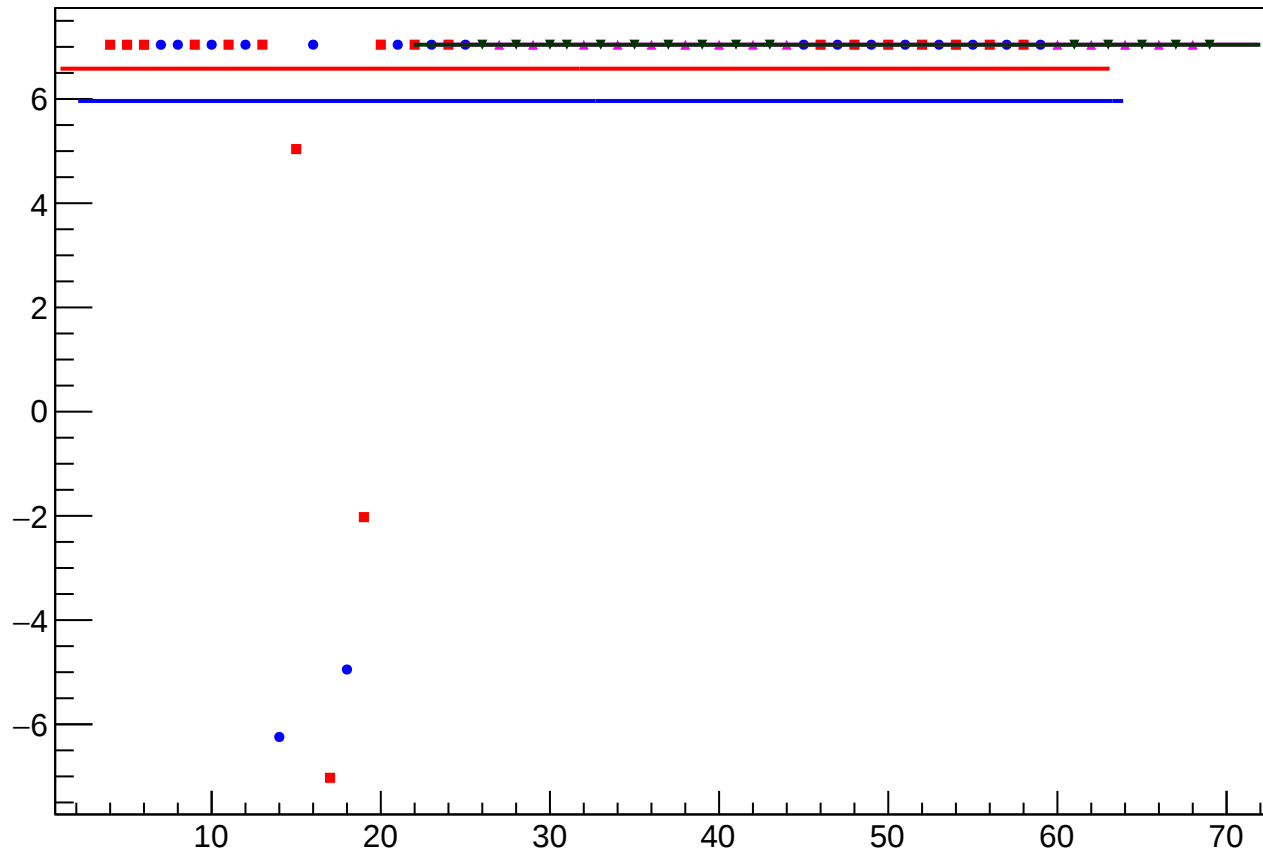
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :1678553.6/13

0.004+/-0.000 χ^2/NDF : 3979849.6/32

0.004+/-0.000 χ^2/NDF : 3949171.2/32

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 : 8133143.9/14

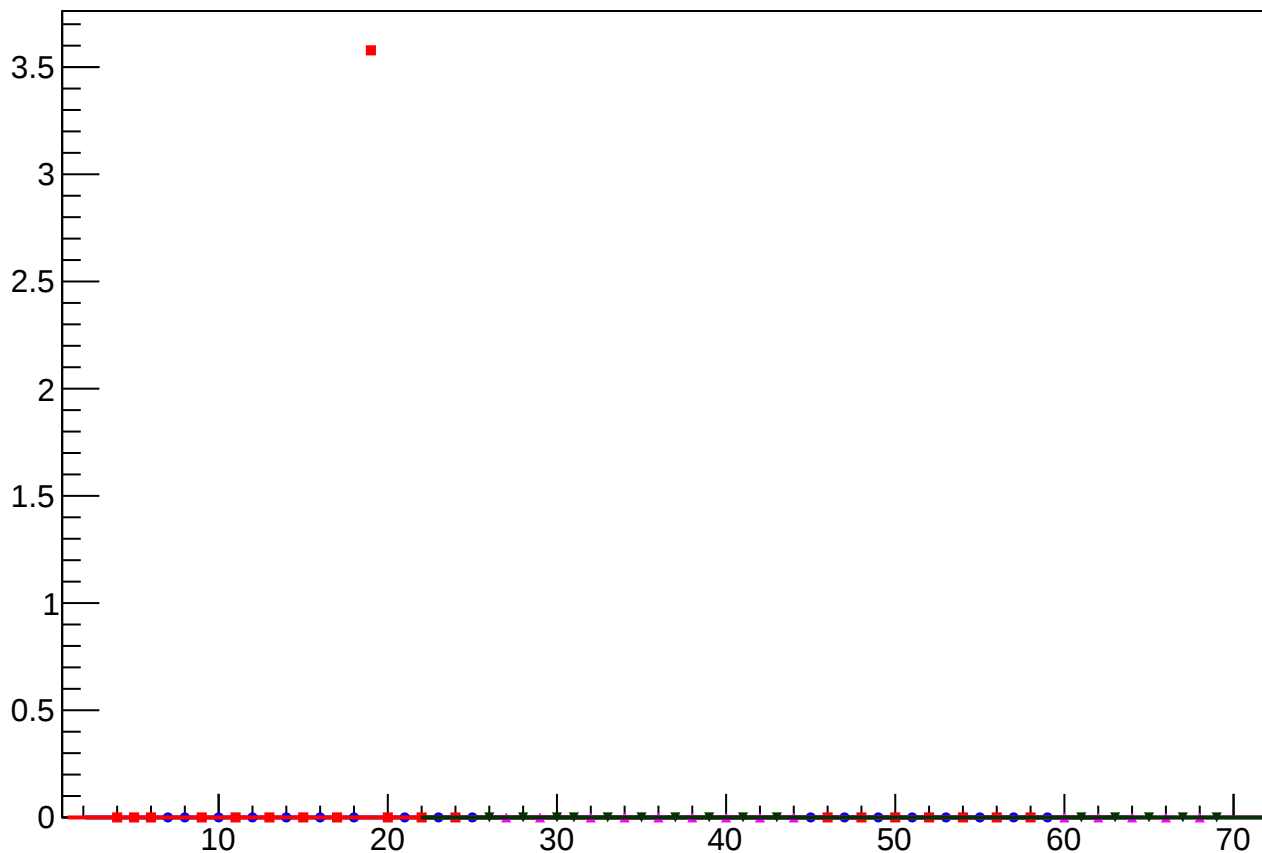
Right Out: 6.582 $\pm$ 0.000 χ^2/NDF : 1856853993700647.2/18

Left In: 7.042 $\pm$ 0.000 χ^2/NDF : 8083033.7/13

6.451 $\pm$ 0.000 χ^2/NDF : 4804531965520724.0/3

6.815 $\pm$ 0.000 χ^2/NDF : 1889591830037776.2/3

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 :1756.0/14

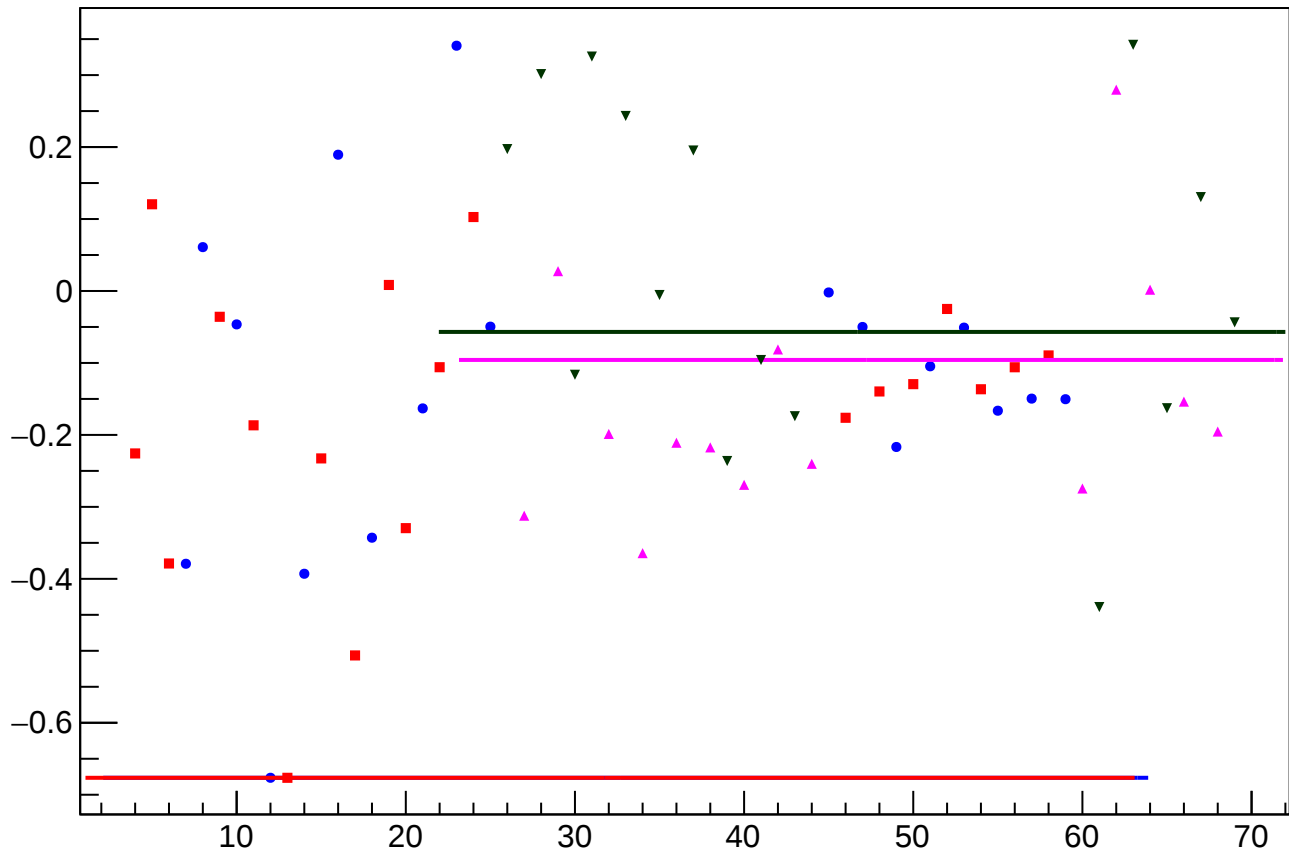
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF :2044.0/13

0.000+/-0.000 χ^2/NDF : 7820.6/32

0.000+/-0.000 χ^2/NDF : 702979.7/32

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.057+/-0.000 χ^2/NDF : 28453535.3/14

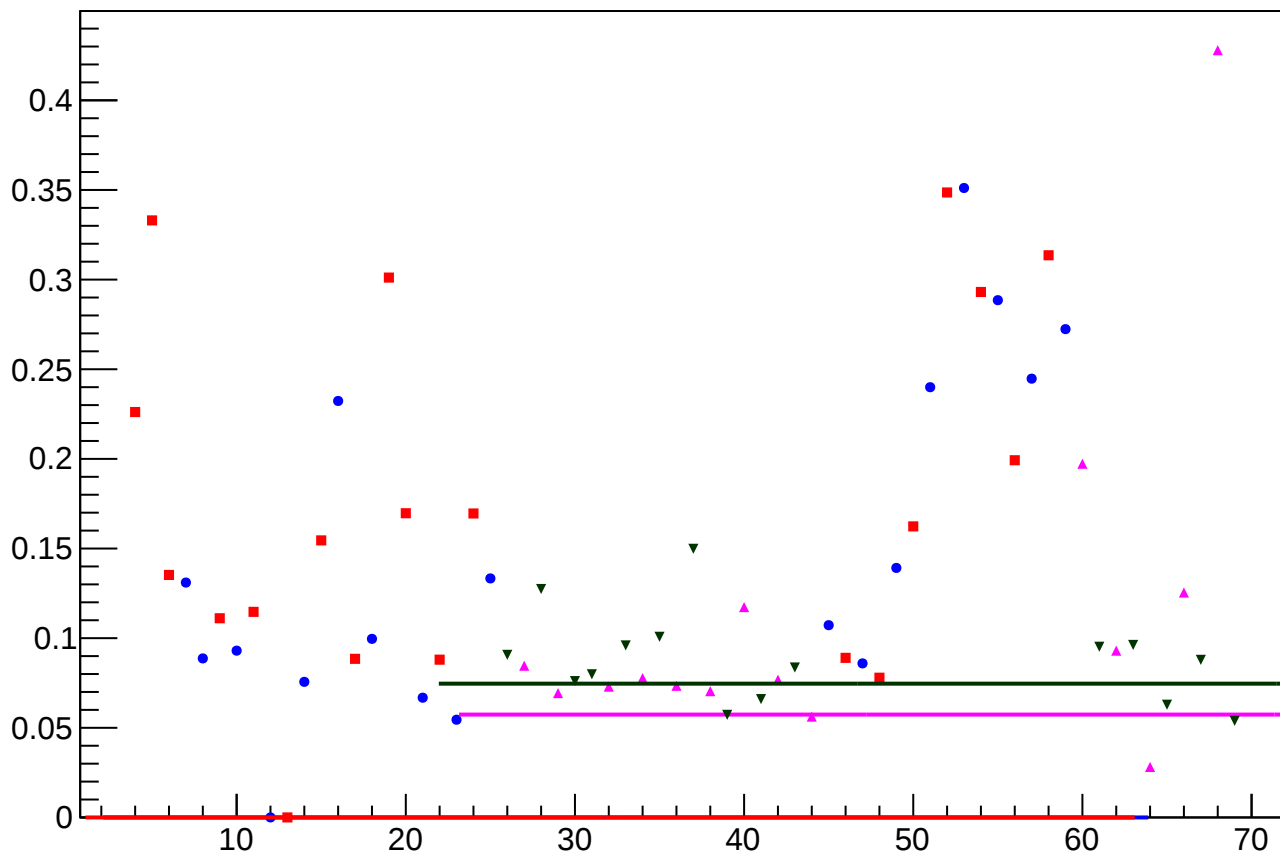
-0.676+/-0.000 χ^2/NDF : 588017853.7/32

Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

-0.676+/-0.000 χ^2/NDF : 544487949.1/32

Left In: -0.096+/-0.000 χ^2/NDF : 23786187.7/13

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.075+/-0.000 χ^2/NDF : 662598.0/14

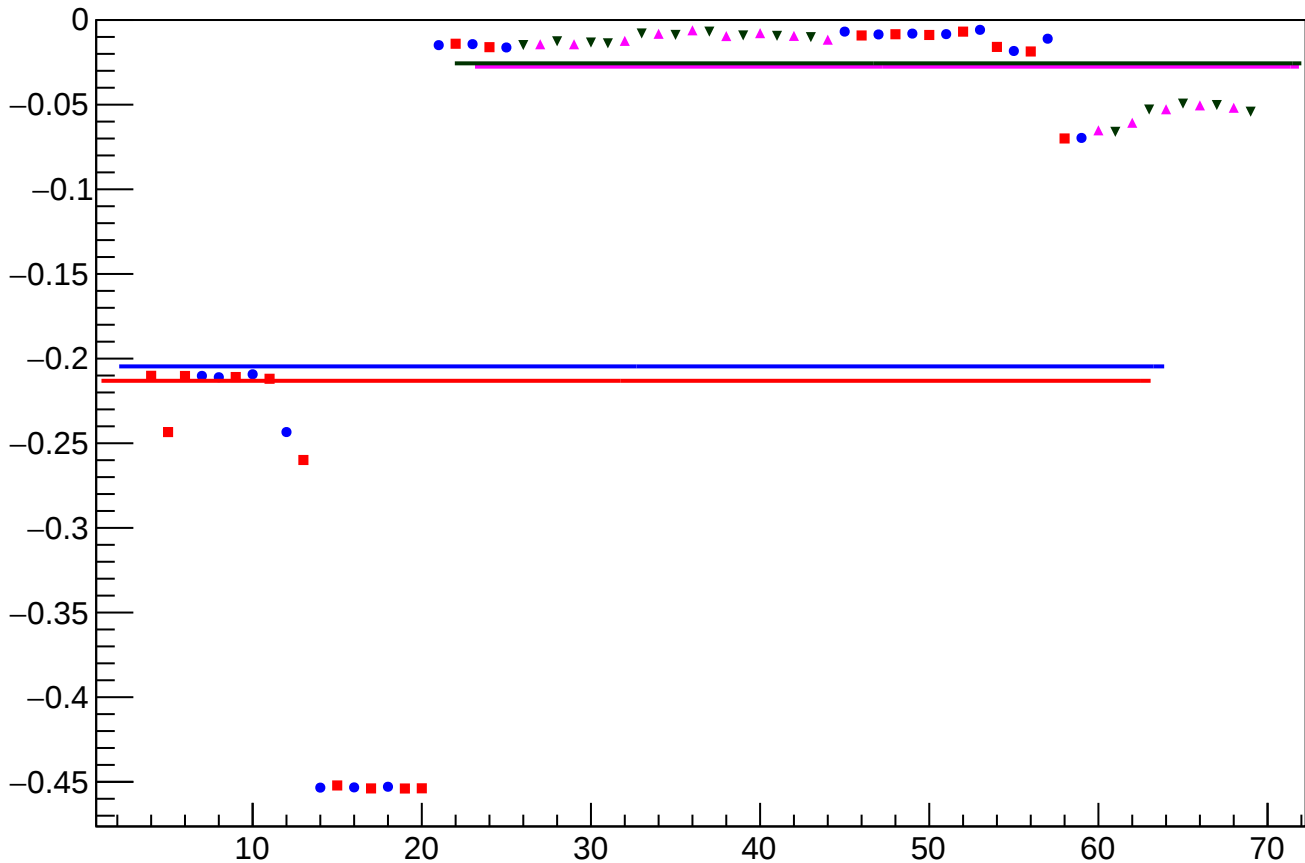
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.057+/-0.000 χ^2/NDF : 2771610.3/13

0.000+/-0.000 χ^2/NDF : 25354972.9/32

0.000+/-0.000 χ^2/NDF : 24706039.3/32

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.026+/-0.000 χ^2/NDF : 39052395.7/14

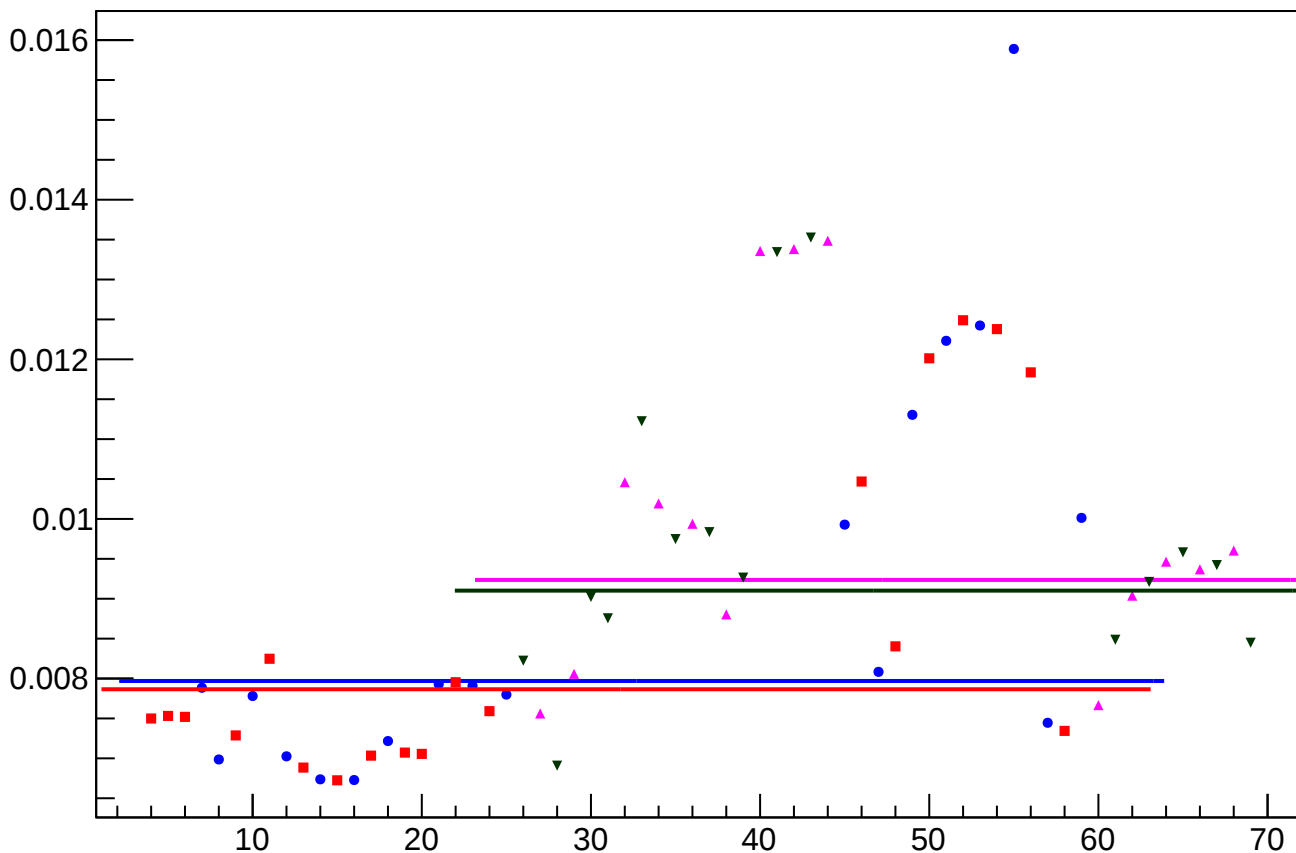
-0.142+/-0.000 χ^2/NDF : 7453150489.9/32

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.144+/-0.000 χ^2/NDF : 6169375938.9/32

Left In: -0.028+/-0.000 χ^2/NDF : 44769144.6/13

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 : 424520.5/14

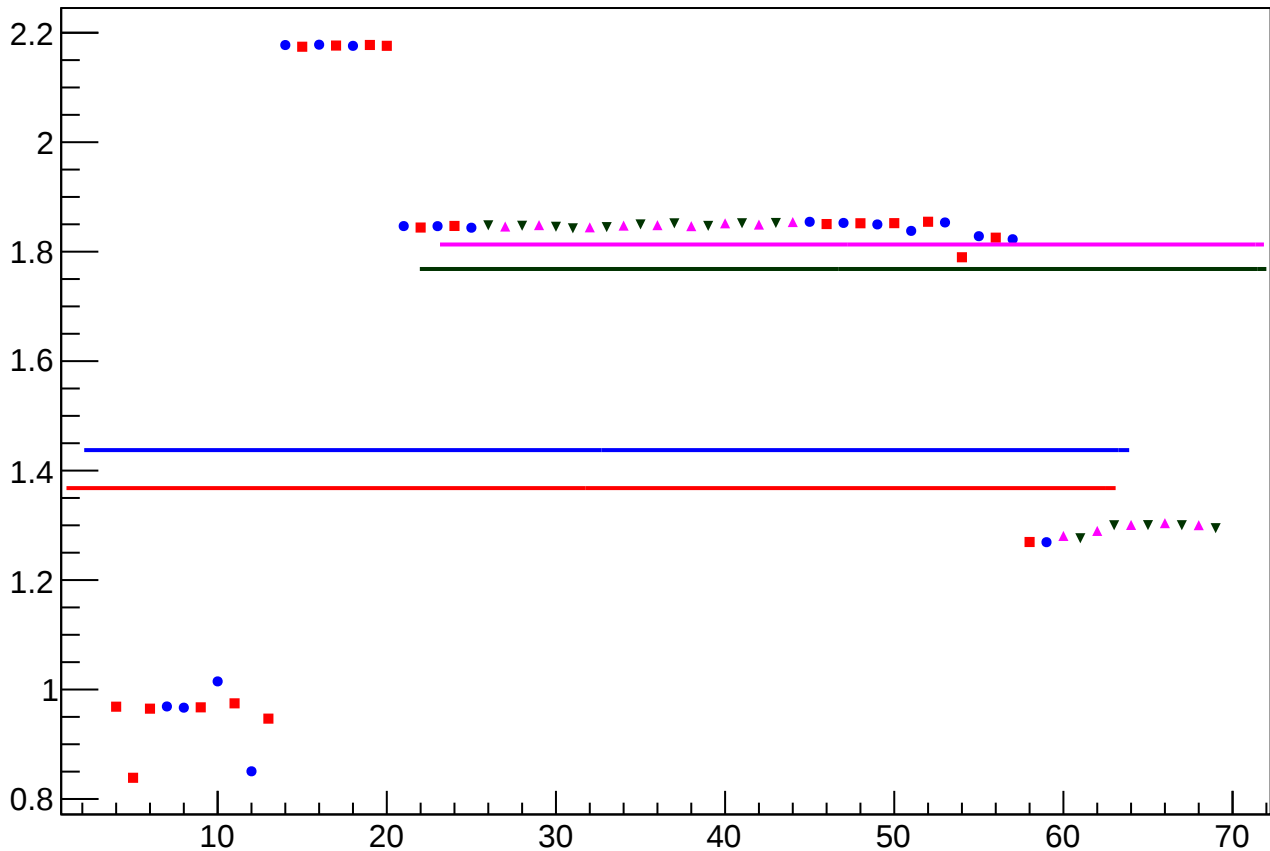
Right Out: 0.008 ± 0.000 χ^2/NDF : 696189.4/18

Left In: 0.009 ± 0.000 χ^2/NDF : 500248.4/13

0.008 ± 0.000 χ^2/NDF : 1518170.1/32

0.008 ± 0.000 χ^2/NDF : 1412521.4/32

yield_bpm4aY_mean vs slug



Right In: 1.437+/-0.000 χ^2/NDF : 14236590294.3/17

Left Out: 1.768+/-0.000 χ^2/NDF :1231808537.9/14

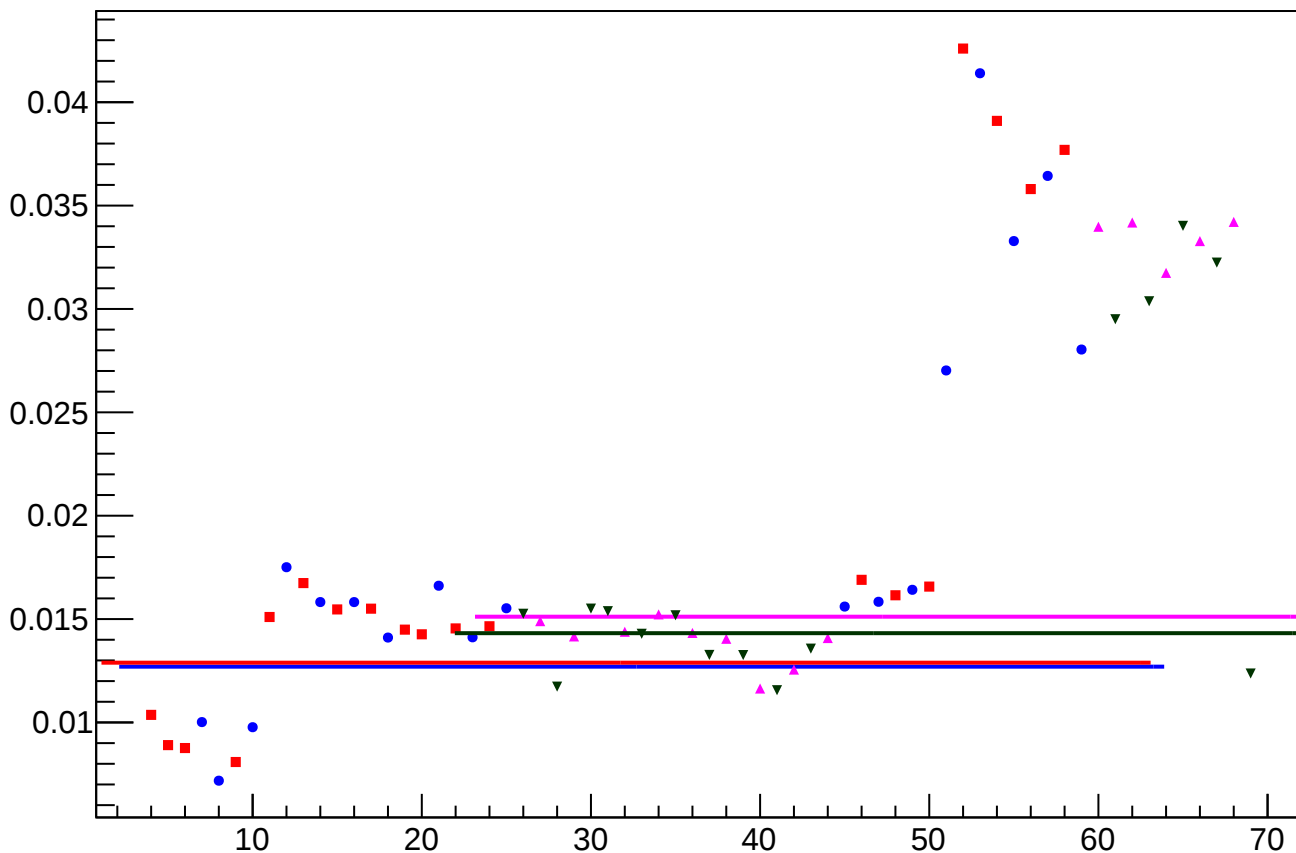
1.561+/-0.000 χ^2/NDF : 17696068652.4/32

Right Out: 1.368+/-0.000 χ^2/NDF : 12592500418.8/18

1.540+/-0.000 χ^2/NDF : 16832406883.7/32

Left In: 1.813+/-0.000 χ^2/NDF :552910844.0/13

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 :1184777.9/14

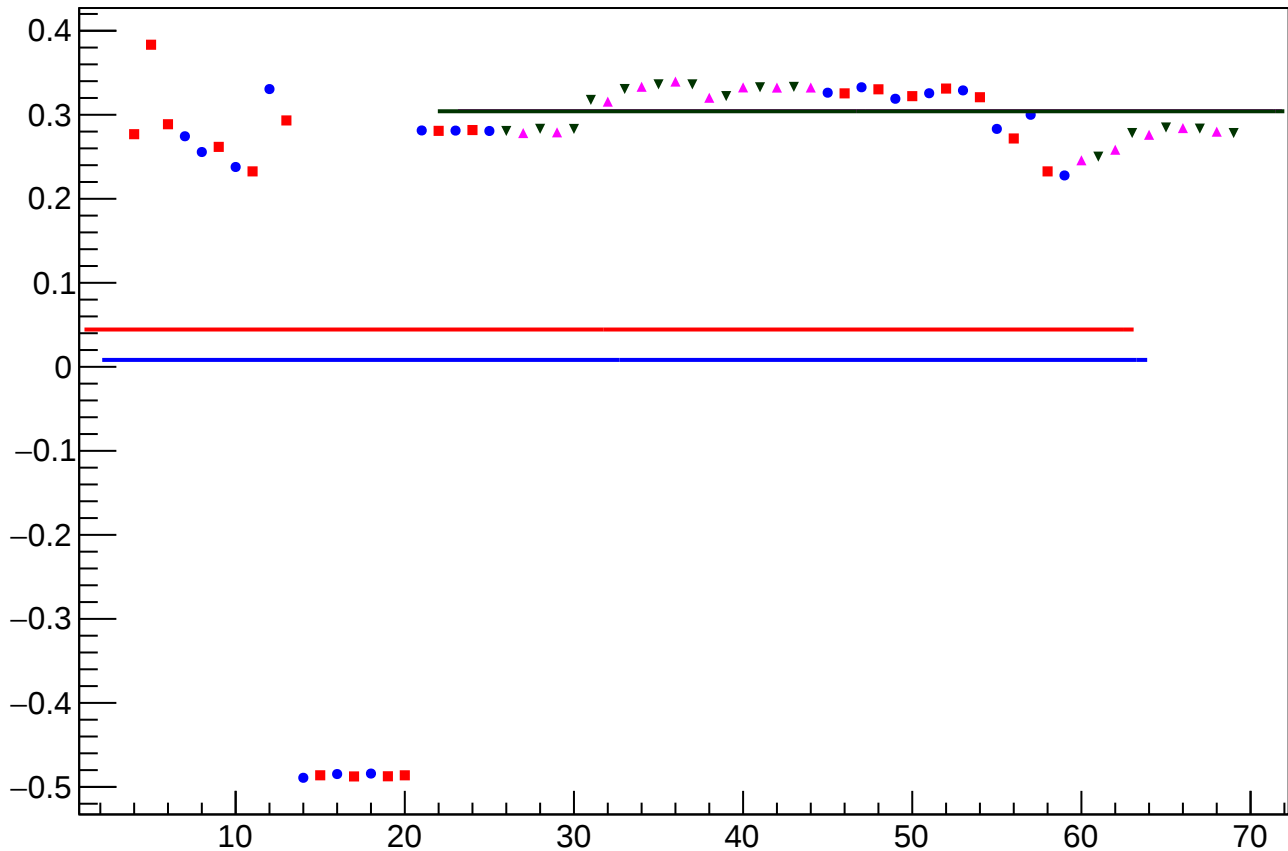
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.015+/-0.000 χ^2/NDF :1446405.6/13

0.013+/-0.000 χ^2/NDF : 4826366.8/32

0.014+/-0.000 χ^2/NDF : 4445208.2/32

yield_bpm4eX_mean vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 3589016563.4/17

Left Out: 0.304+/-0.000 χ^2/NDF :9801620.3/14

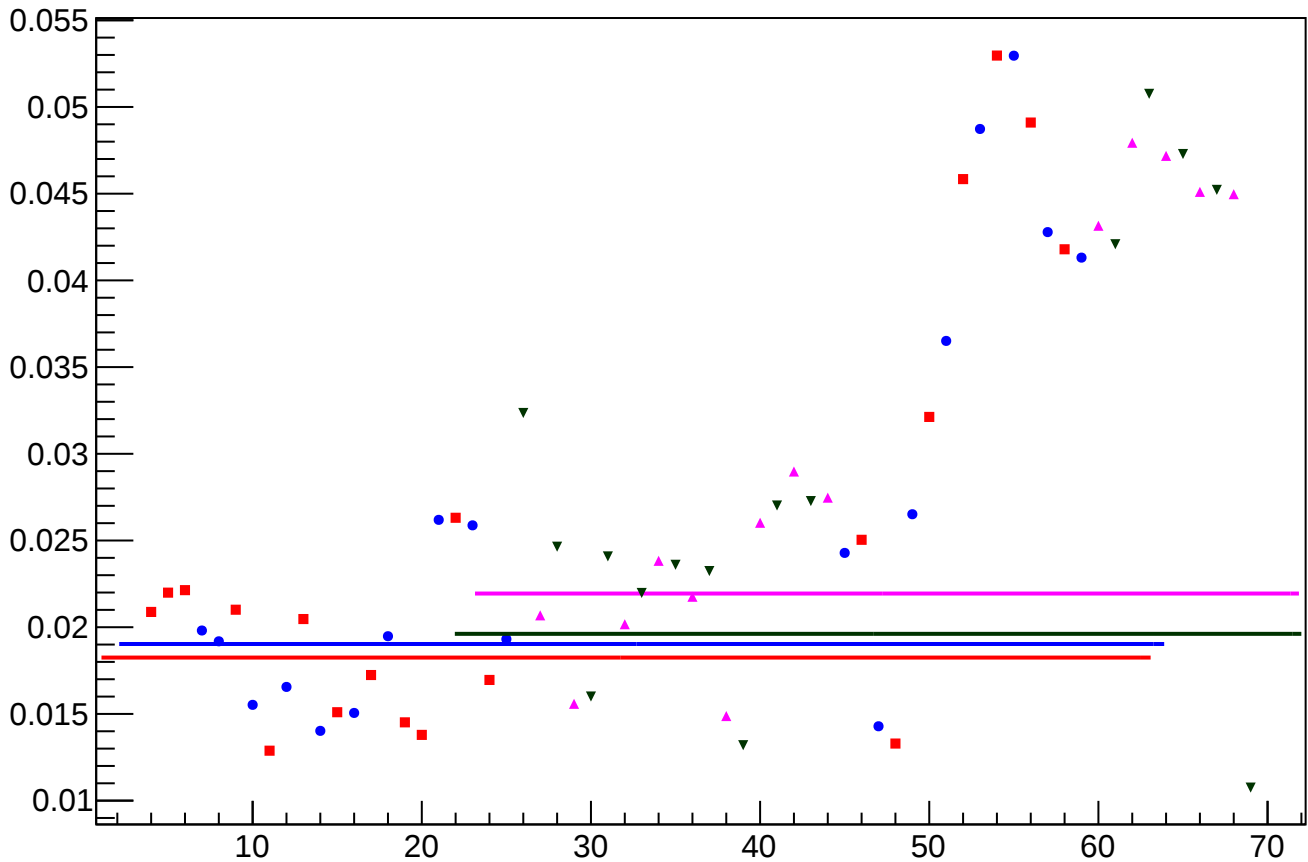
Right Out: 0.044+/-0.000 χ^2/NDF : 3156873410.8/18

Left In: 0.304+/-0.000 χ^2/NDF :9262657.1/13

0.120+/-0.000 χ^2/NDF : 4454677813.7/32

0.138+/-0.000 χ^2/NDF : 3772101899.0/32

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.020+/-0.000 χ^2/NDF :2562635.4/14

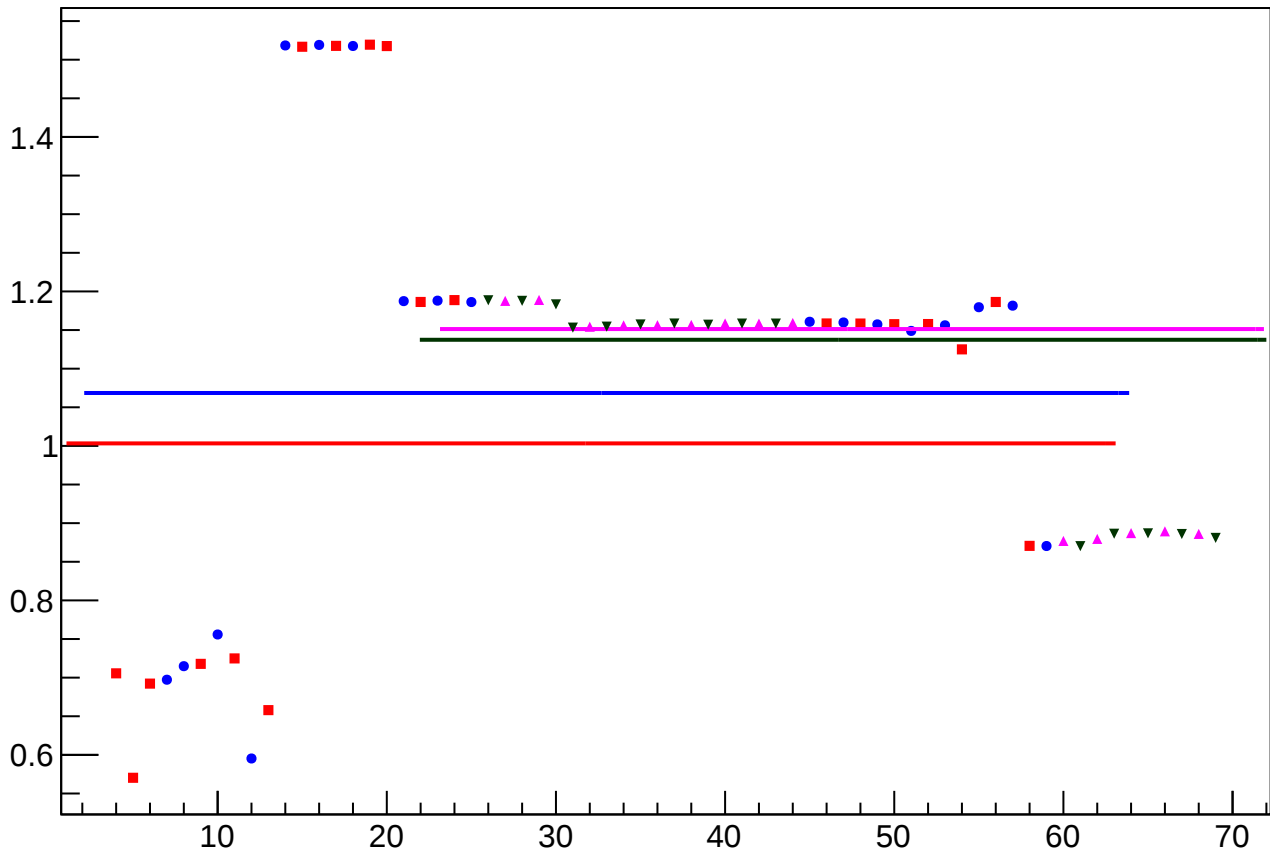
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.022+/-0.000 χ^2/NDF :1928503.4/13

0.019+/-0.000 χ^2/NDF : 5164127.9/32

0.020+/-0.000 χ^2/NDF : 4658211.7/32

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.137+/-0.000 χ^2/NDF : 546694044.0/14

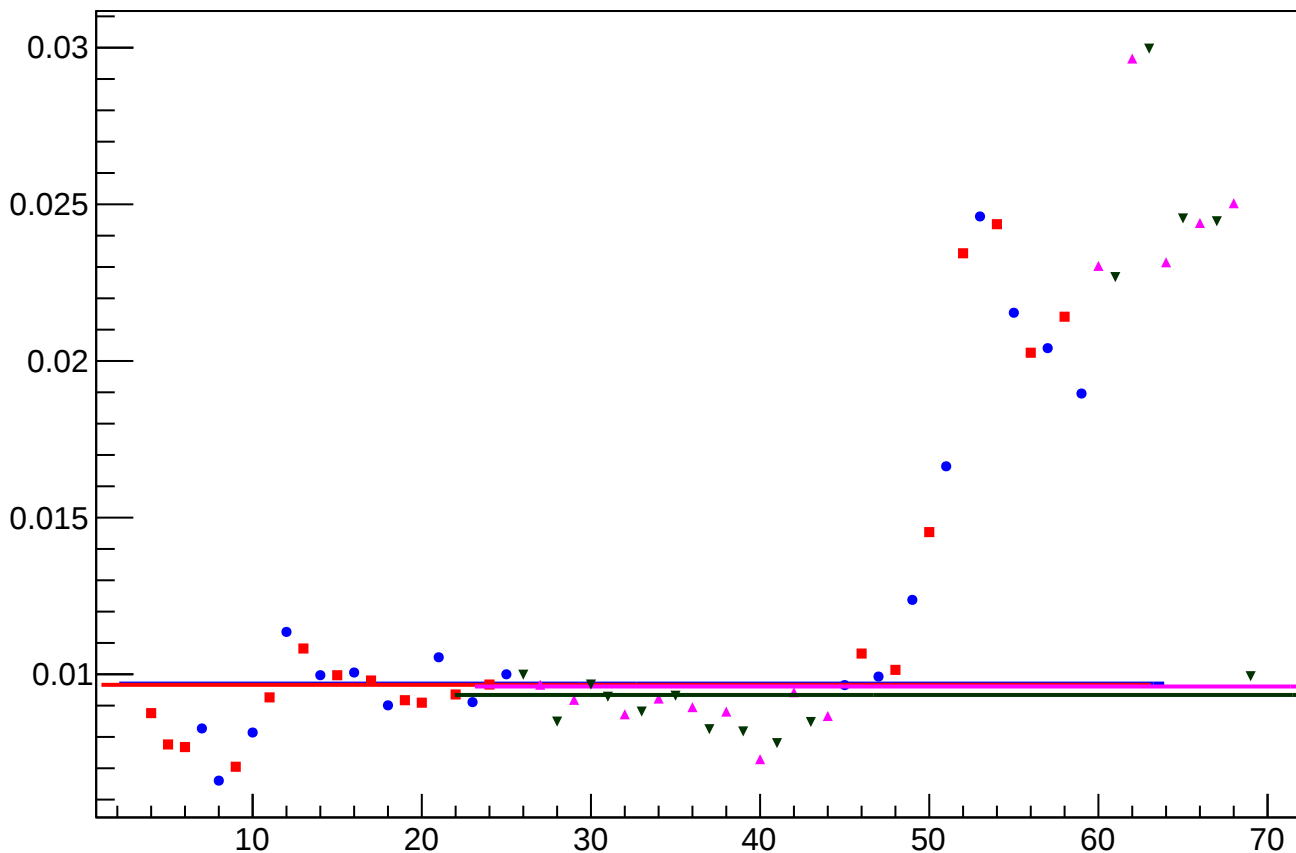
1.098+/-0.000 χ^2/NDF : 11299724397.3/32

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.069+/-0.000 χ^2/NDF : 11460126996.3/32

Left In: 1.151+/-0.000 χ^2/NDF : 280345667.5/13

yield_bpm4eY_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 1905622.6/17

Left Out: 0.009+/-0.000 χ^2/NDF : 1478050.7/14

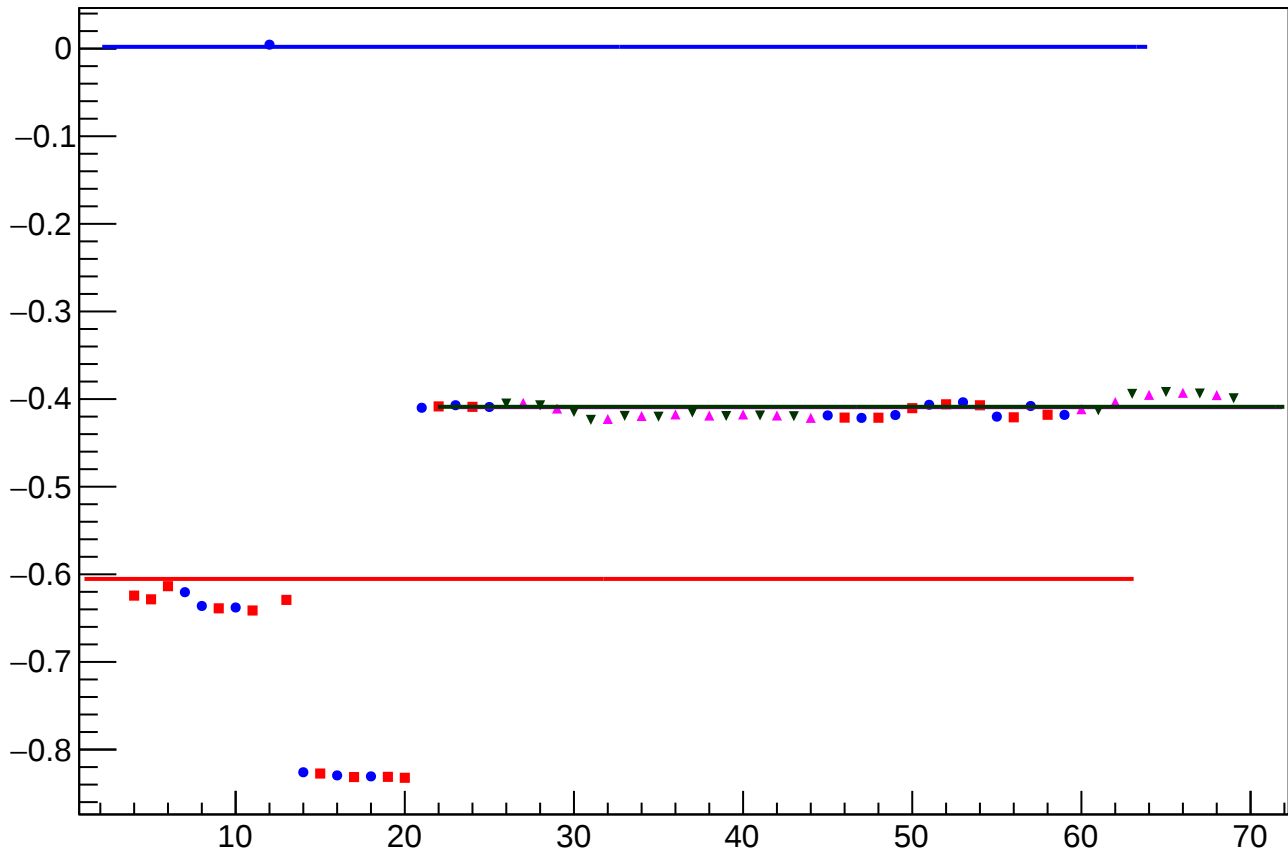
Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

Left In: 0.010+/-0.000 χ^2/NDF : 1780157.5/13

0.010+/-0.000 χ^2/NDF : 3395032.1/32

0.010+/-0.000 χ^2/NDF : 3377399.7/32

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 59749781854.5/17

Left Out: -0.409+/-0.000 χ^2/NDF : 9217330.8/14

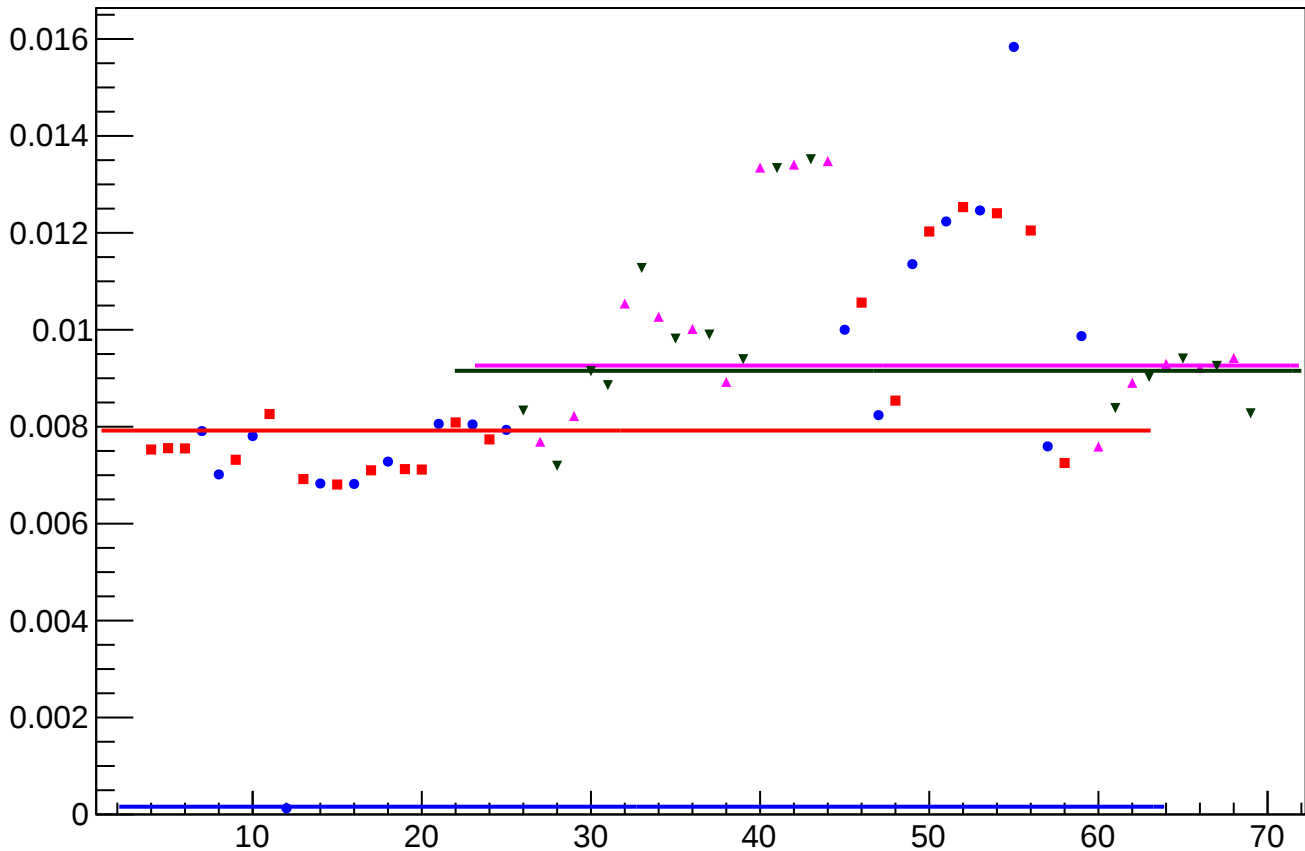
0.001+/-0.000 χ^2/NDF : 74795942219.1/32

Right Out: -0.605+/-0.000 χ^2/NDF : 3819629229.5/18

-0.531+/-0.000 χ^2/NDF : 6021749352.8/32

Left In: -0.409+/-0.000 χ^2/NDF : 8295323.3/13

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 : 387397.5/14

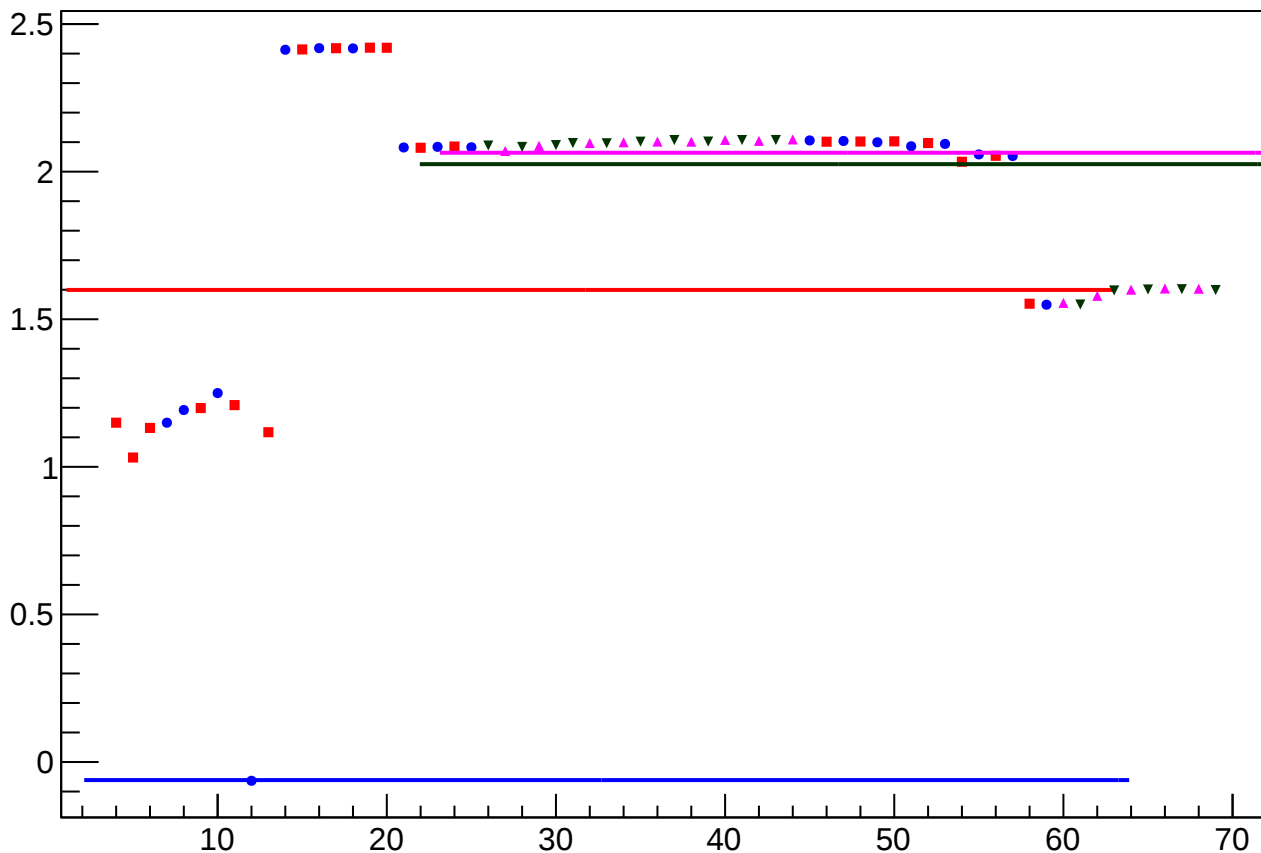
Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

Left In: 0.009+/-0.000 χ^2/NDF : 484512.3/13

0.000+/-0.000 χ^2/NDF : 35061718.7/32

0.008+/-0.000 χ^2/NDF : 1387355.9/32

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 2.025+/-0.000 χ^2/NDF : 990567045.2/14

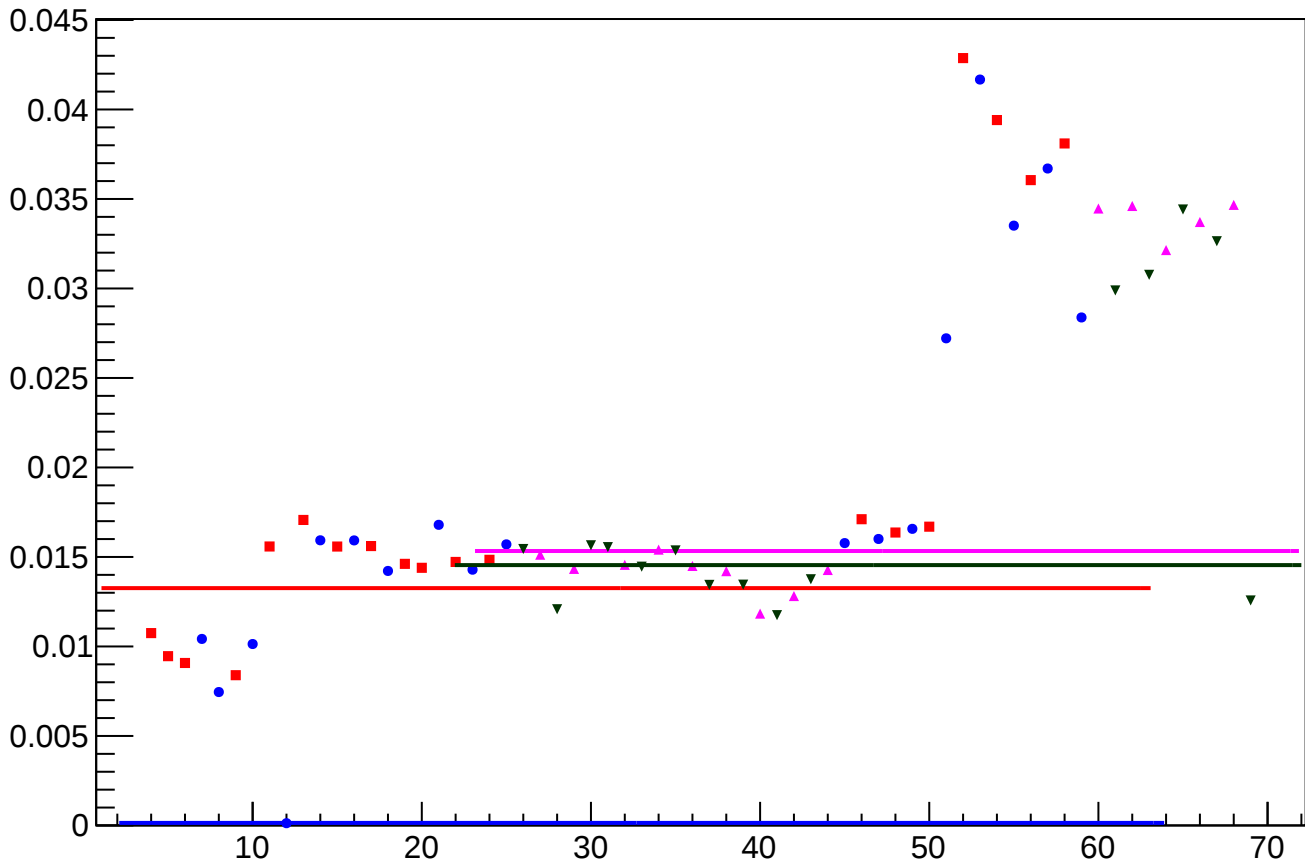
-0.060+/-0.000 χ^2/NDF : 308779186254.0/32

Right Out: 1.599+/-0.000 χ^2/NDF : 13096029057.2/18

1.781+/-0.000 χ^2/NDF : 17424155838.2/32

Left In: 2.064+/-0.000 χ^2/NDF : 456664997.4/13

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 19632783.5/17

Left Out: 0.015+/-0.000 χ^2 /NDF:1169876.8/14

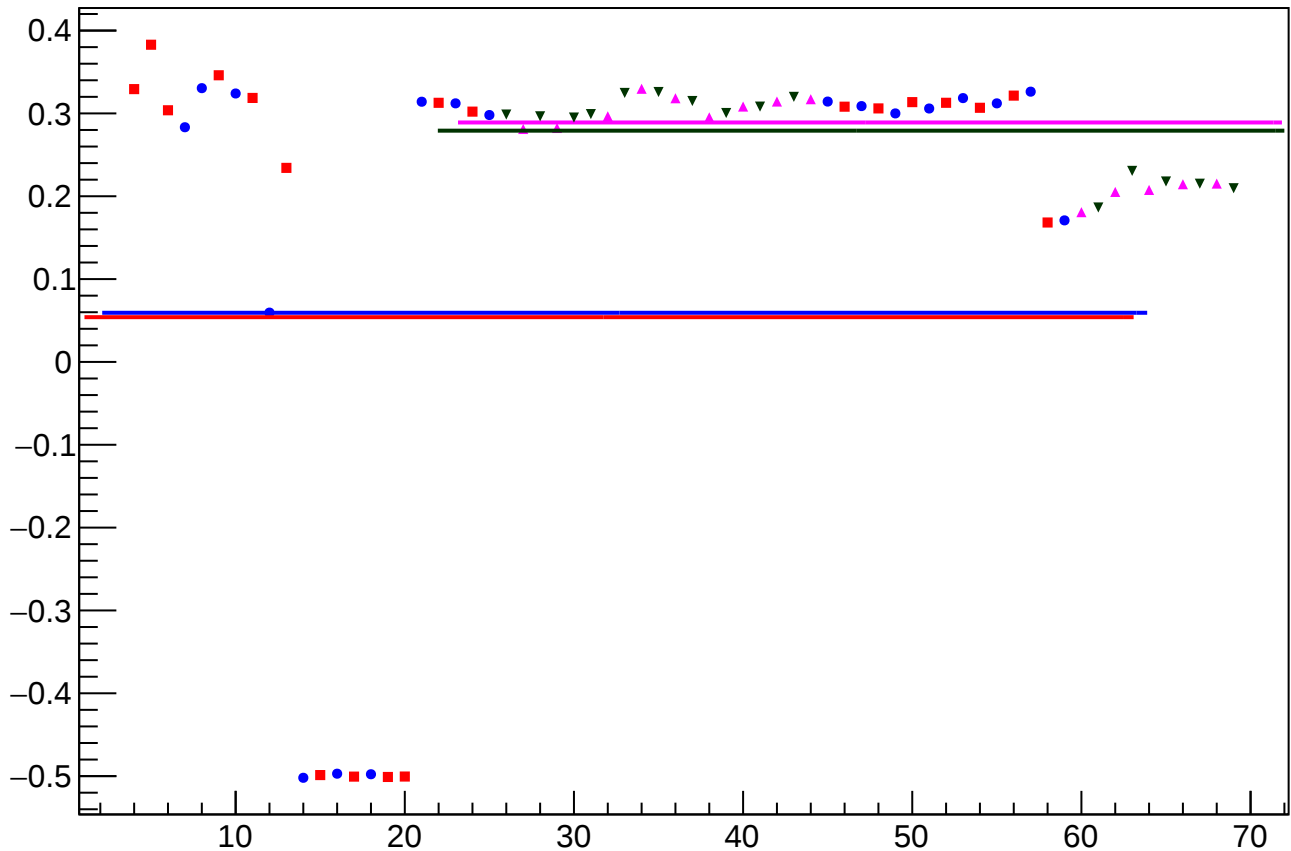
Right Out: 0.013+/-0.000 χ^2 /NDF: 2690130.8/18

Left In: 0.015+/-0.000 χ^2 /NDF:1441540.4/13

0.000+/-0.000 χ^2 /NDF: 33835992.3/32

0.014+/-0.000 χ^2 /NDF: 4285792.1/32

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.279+/-0.000 χ^2/NDF : 30471823.5/14

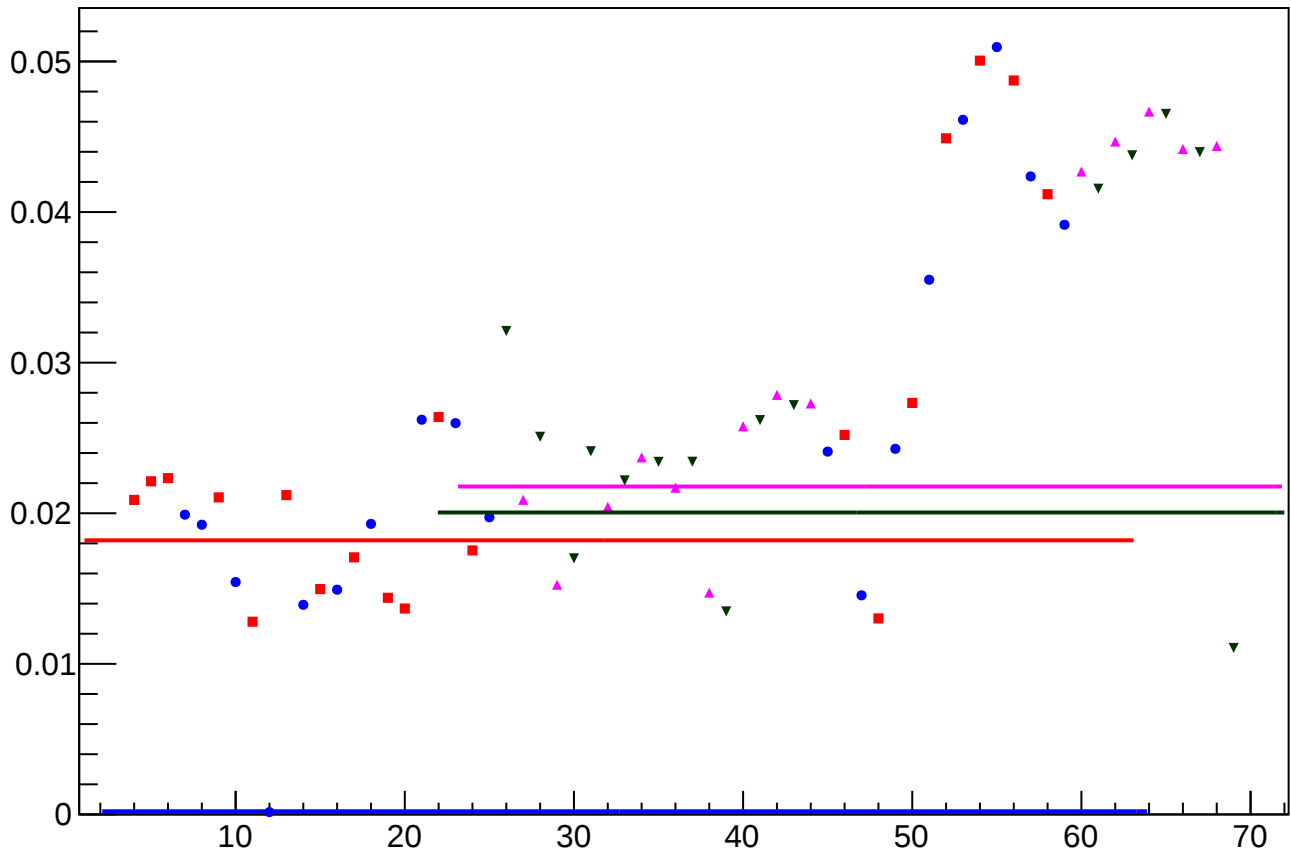
0.060+/-0.000 χ^2/NDF : 4661670786.5/32

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.139+/-0.000 χ^2/NDF : 4026305993.0/32

Left In: 0.289+/-0.000 χ^2/NDF : 13085178.3/13

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.020+/-0.000 χ^2/NDF :2332569.4/14

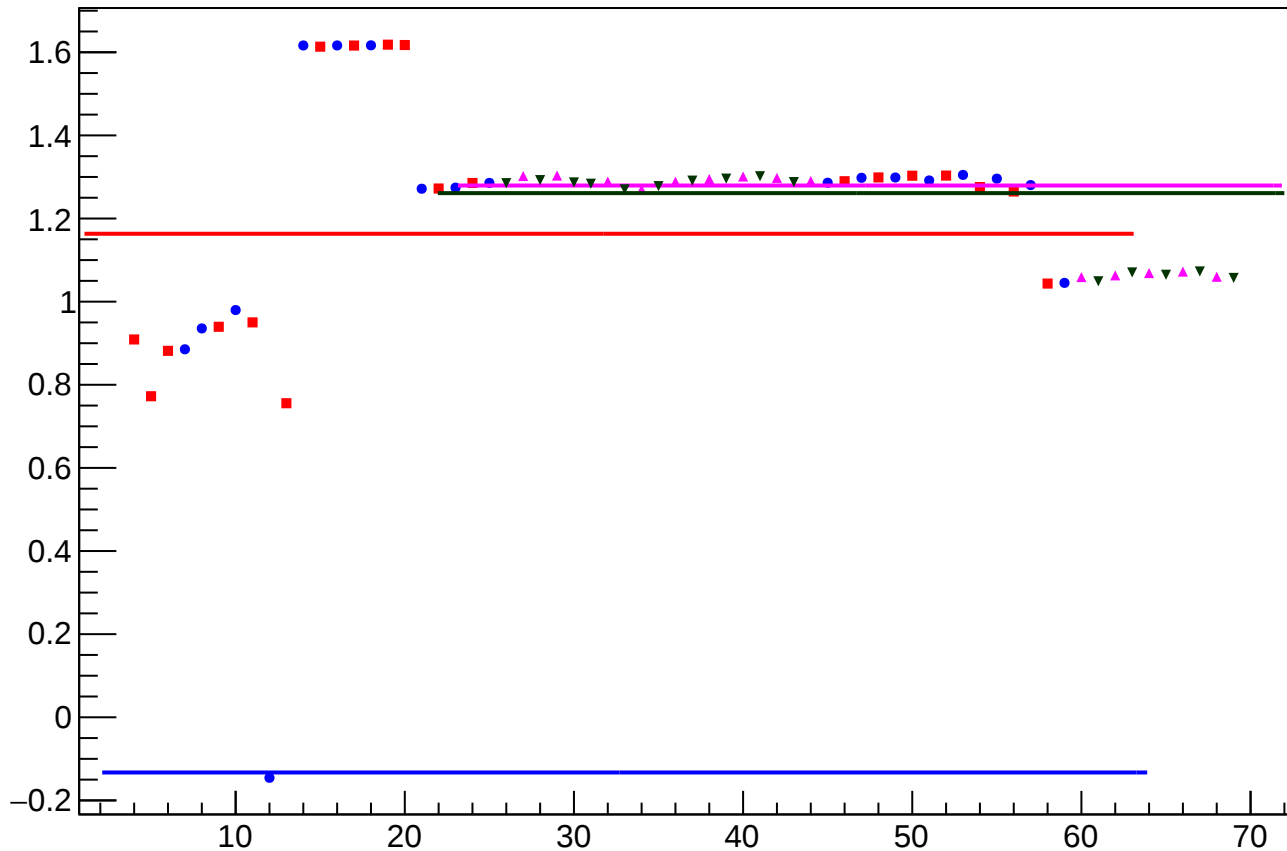
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.022+/-0.000 χ^2/NDF :1902739.5/13

0.000+/-0.000 χ^2/NDF : 34175881.8/32

0.019+/-0.000 χ^2/NDF : 4558044.1/32

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.261+/-0.000 χ^2/NDF : 316785373.3/14

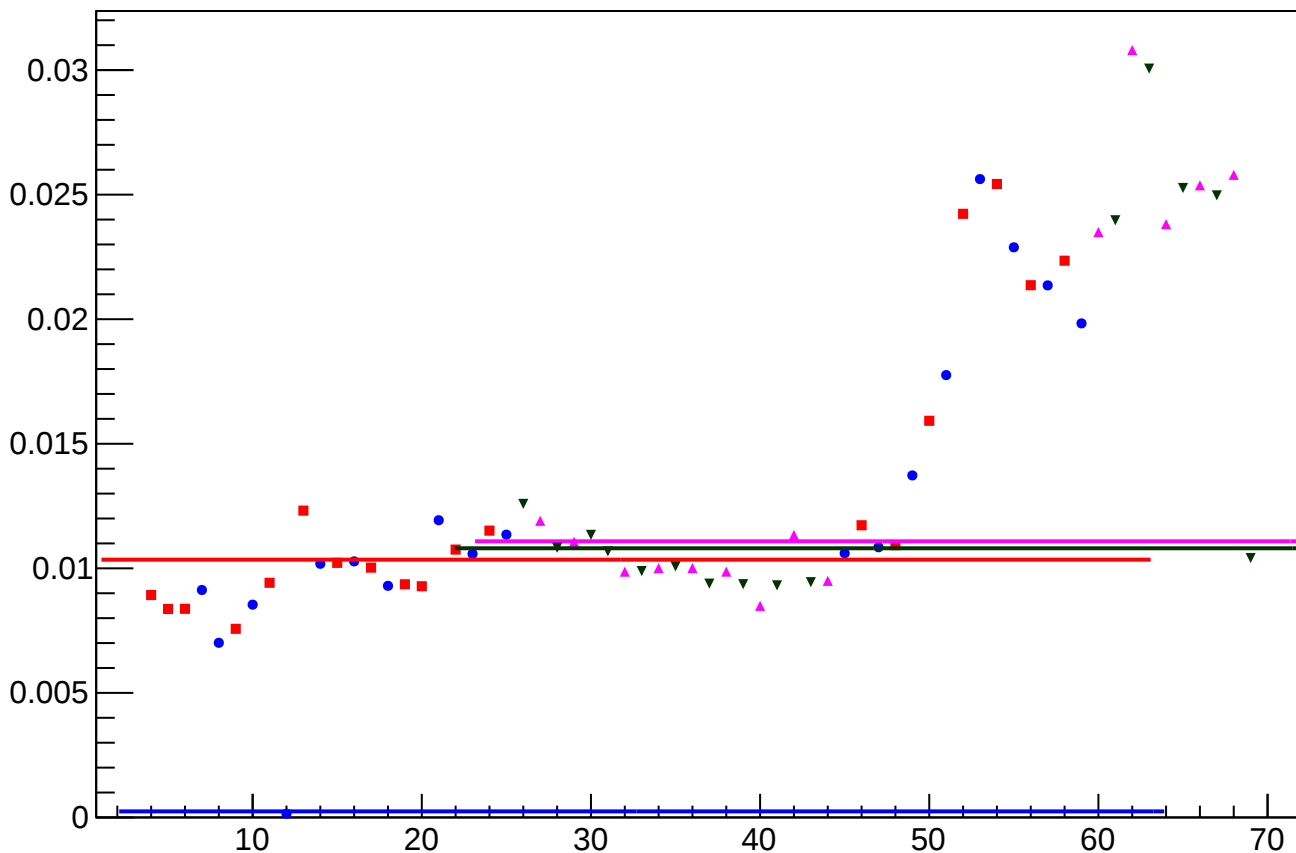
-0.124+/-0.000 χ^2/NDF : 279576562878.9/32

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.211+/-0.000 χ^2/NDF : 7864398405.5/32

Left In: 1.279+/-0.000 χ^2/NDF : 170426865.8/13

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 :1299470.7/14

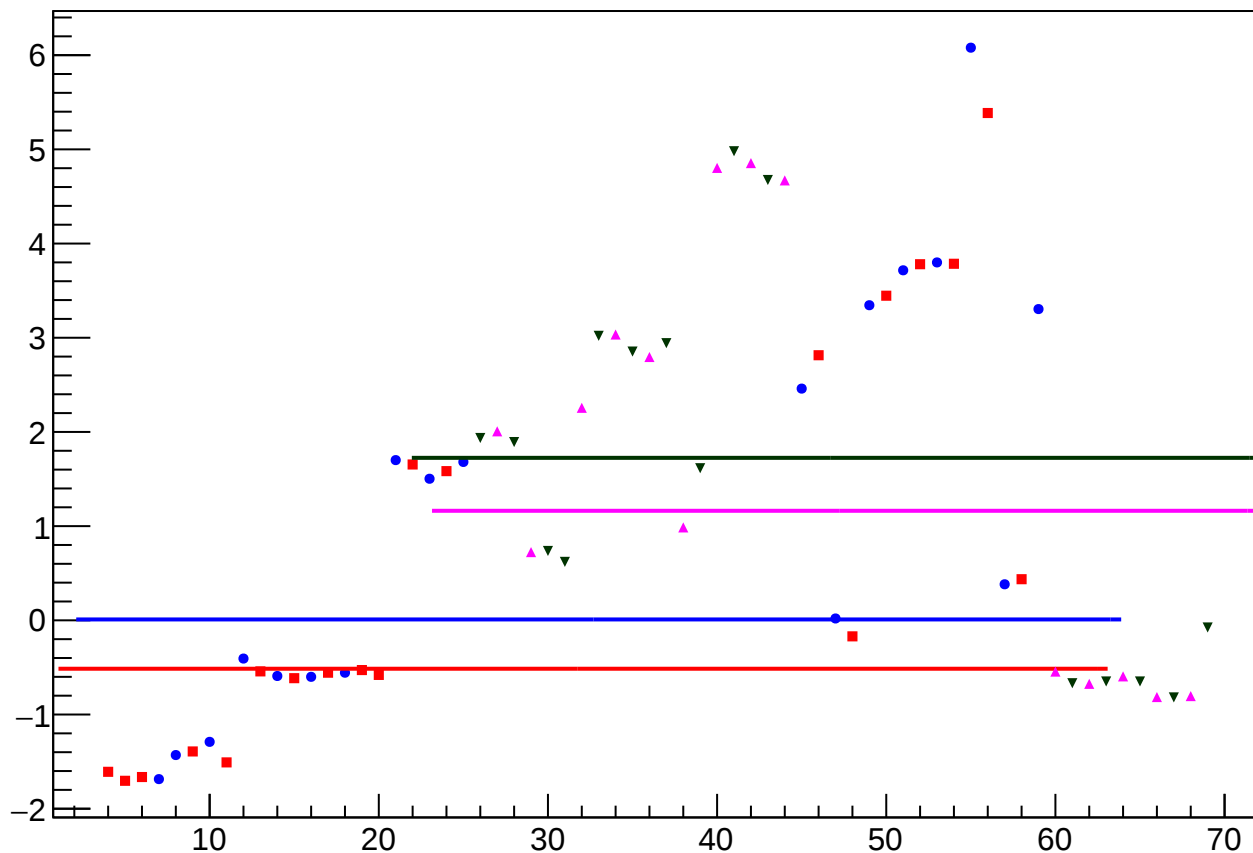
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.011+/-0.000 χ^2/NDF :1605019.6/13

0.000+/-0.000 χ^2/NDF : 33127912.4/32

0.011+/-0.000 χ^2/NDF : 3259896.9/32

yield_bpm1X_mean vs slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 18135045883.2/17

Left Out: 1.725 $\pm$ 0.000 χ^2 /NDF: 2096467409.4/14

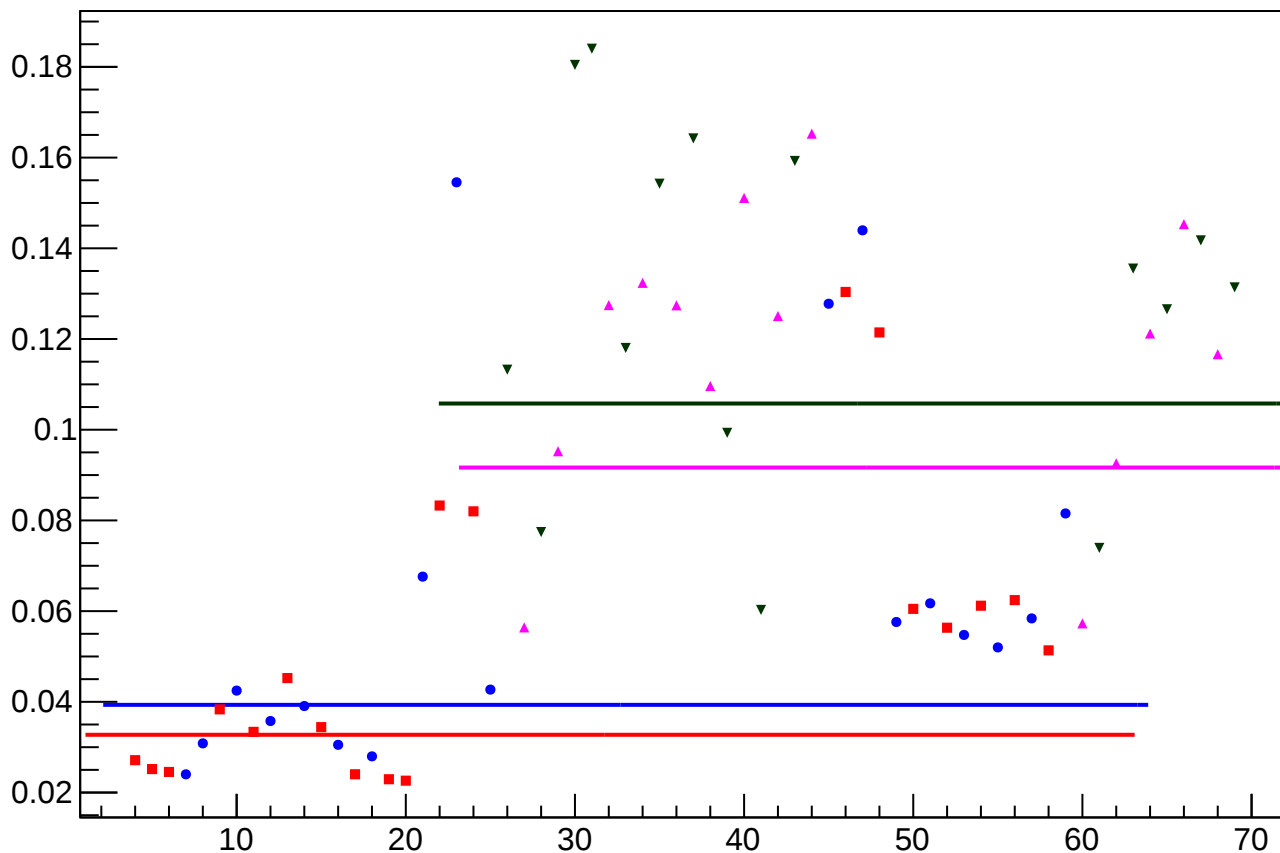
Right Out: -0.514 $\pm$ 0.000 χ^2 /NDF: 14474436949.2/18

Left In: 1.163 $\pm$ 0.000 χ^2 /NDF: 2033919776.9/13

0.171 $\pm$ 0.000 χ^2 /NDF: 21555670383.1/32

-0.346 $\pm$ 0.000 χ^2 /NDF: 18233713230.4/32

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.106+/-0.000 χ^2/NDF :1373583.9/14

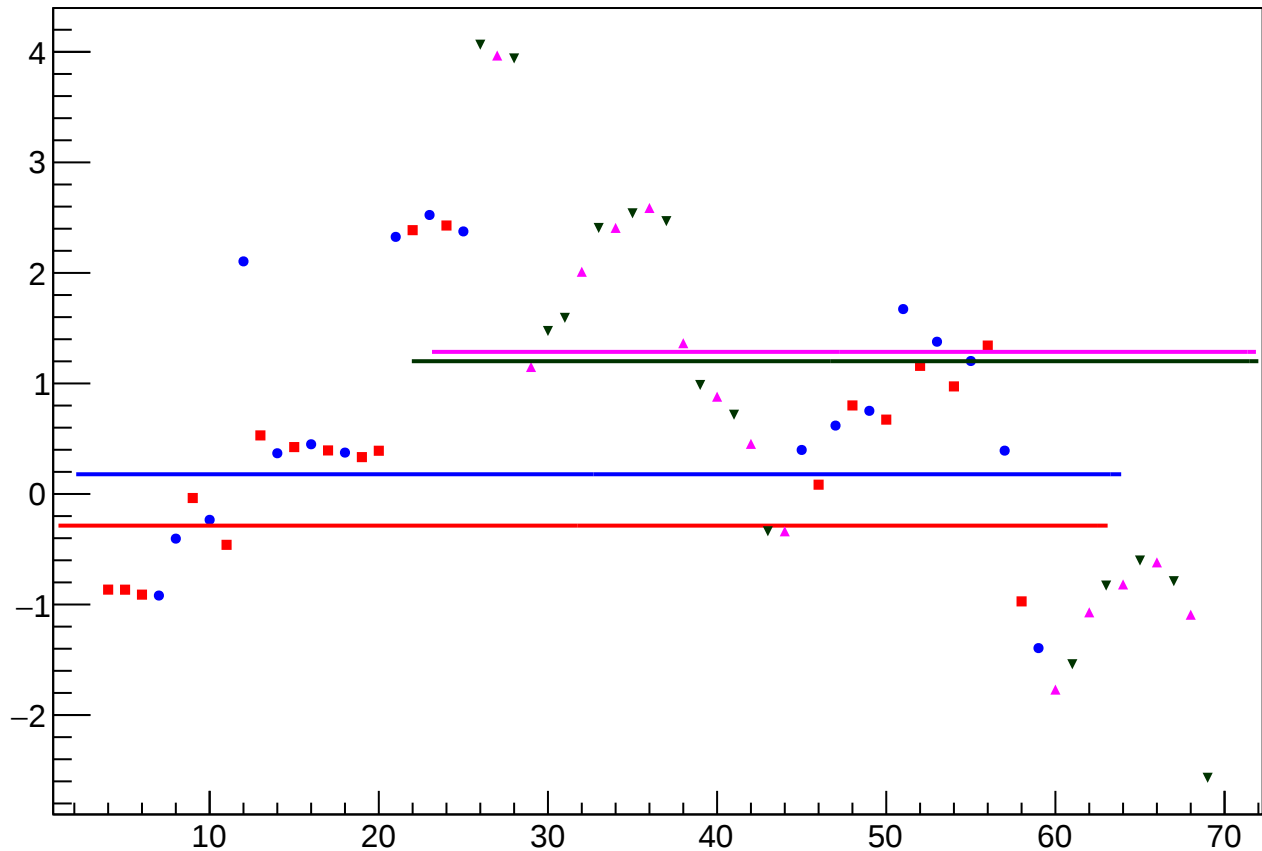
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.092+/-0.000 χ^2/NDF :1639783.6/13

0.046+/-0.000 χ^2/NDF : 8423377.3/32

0.039+/-0.000 χ^2/NDF : 8739314.0/32

yield_bpm1Y_mean vs slug



Right In: 0.178+/-0.000 χ^2/NDF : 9482704623.3/17

Left Out: 1.201+/-0.000 χ^2/NDF : 4110193950.2/14

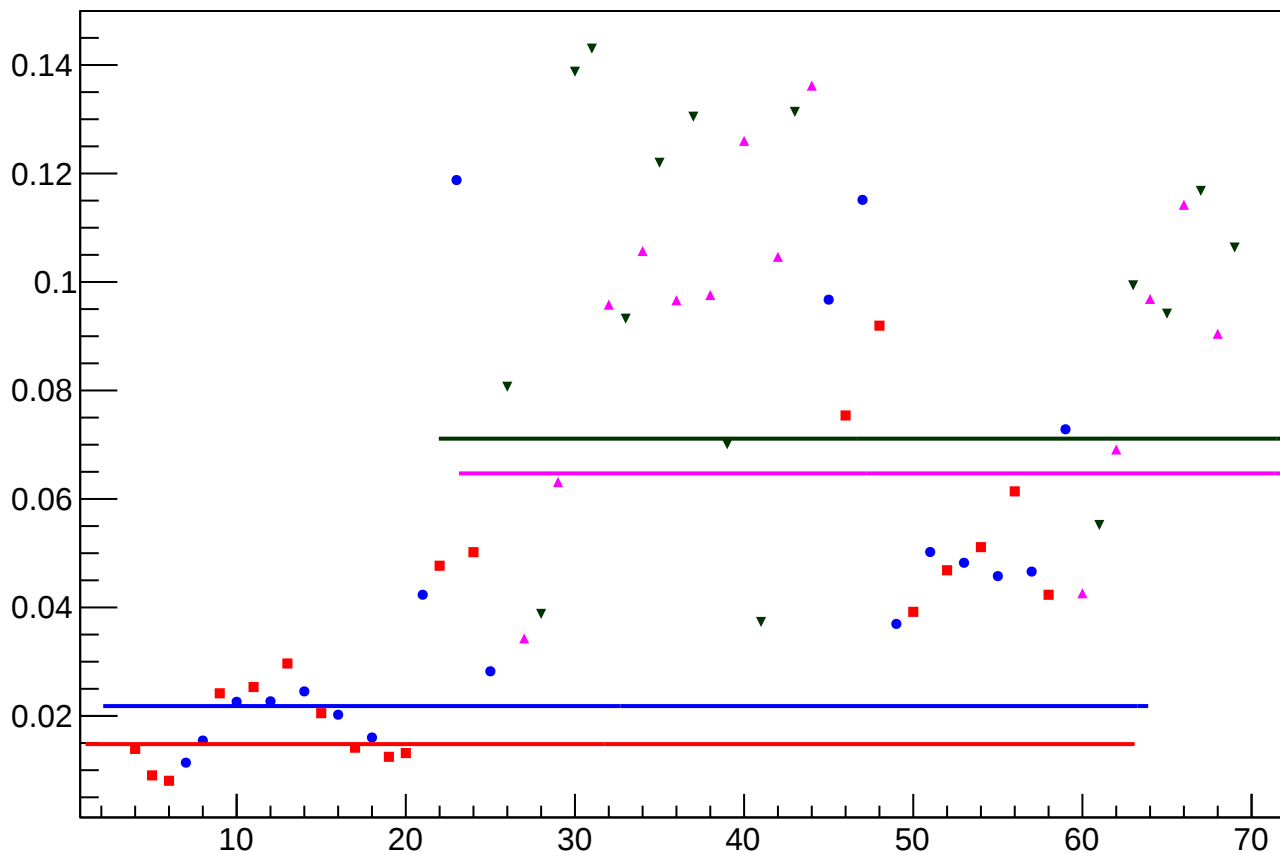
0.251+/-0.000 χ^2/NDF : 14515999087.2/32

Right Out: -0.286+/-0.000 χ^2/NDF : 10734675455.5/18

-0.202+/-0.000 χ^2/NDF : 19772610469.2/32

Left In: 1.286+/-0.000 χ^2/NDF : 6151443095.8/13

yield_bpm1Y_rms vs slug



Right In: 0.022 ± 0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.071 ± 0.000 χ^2/NDF : 2230747.5/14

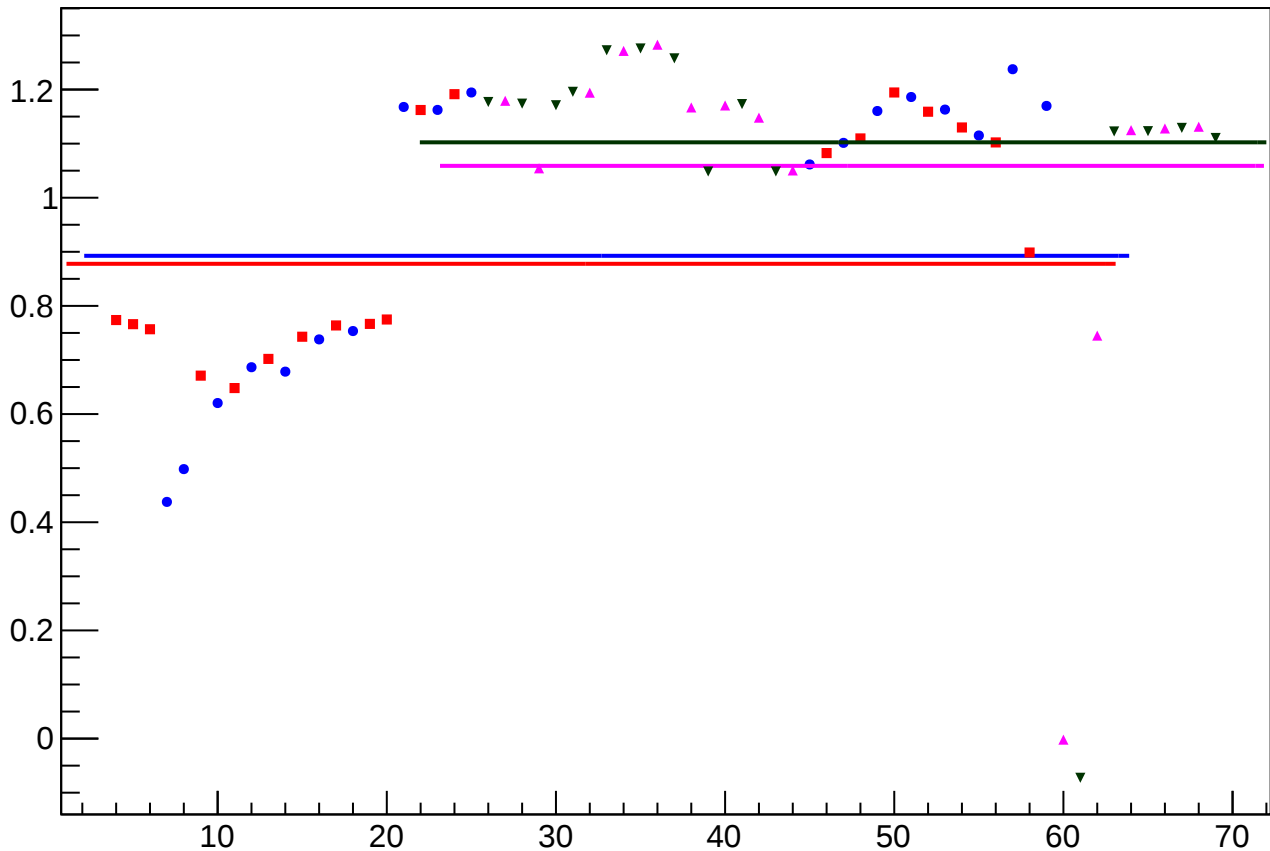
Right Out: 0.015 ± 0.000 χ^2/NDF : 4938559.5/18

Left In: 0.065 ± 0.000 χ^2/NDF : 2363861.8/13

0.025 ± 0.000 χ^2/NDF : 11188697.8/32

0.017 ± 0.000 χ^2/NDF : 13120993.9/32

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.102+/-0.000 χ^2/NDF :1063573857.2/14

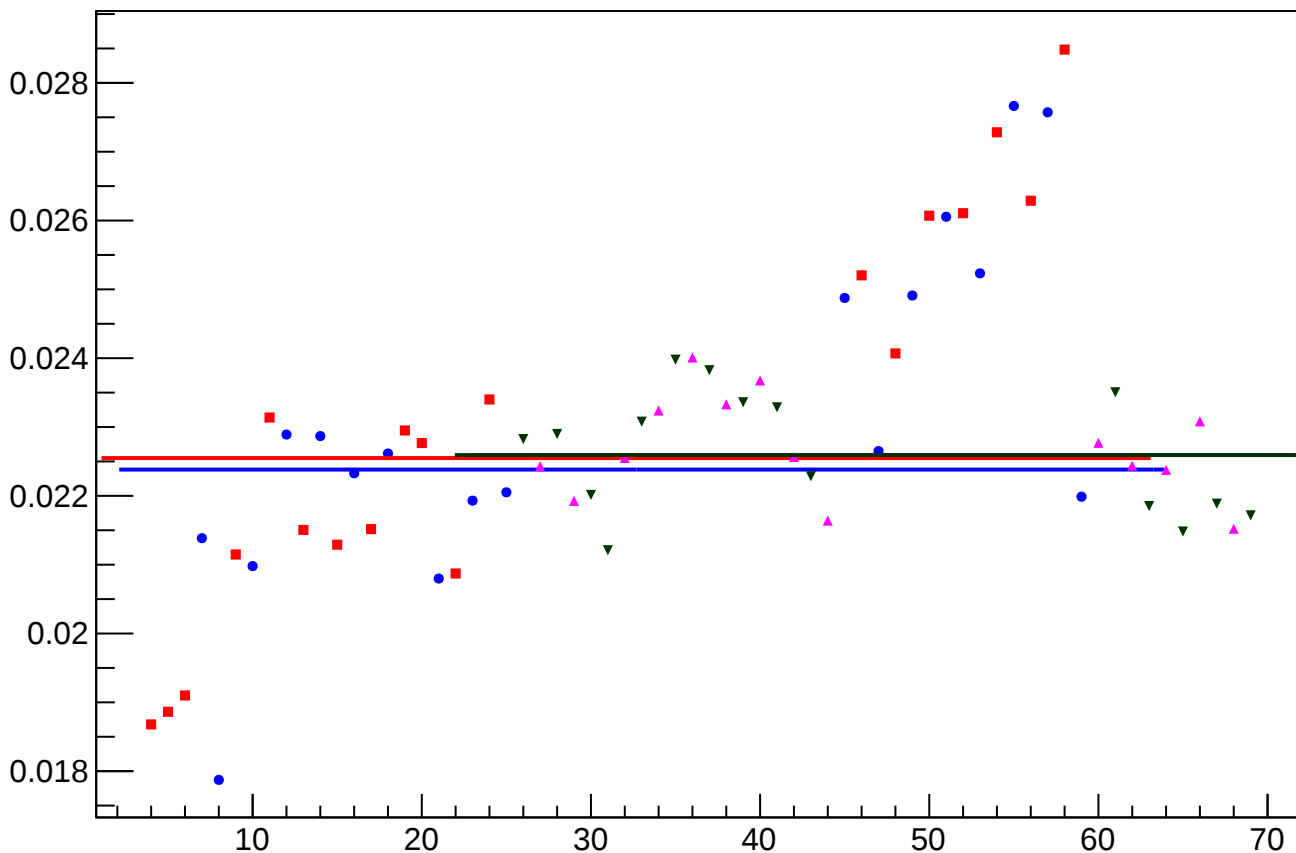
Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

Left In: 1.059+/-0.000 χ^2/NDF :1338561942.4/13

0.978+/-0.000 χ^2/NDF : 3077266950.5/32

0.960+/-0.000 χ^2/NDF : 2377873773.1/32

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 :20772.3/14

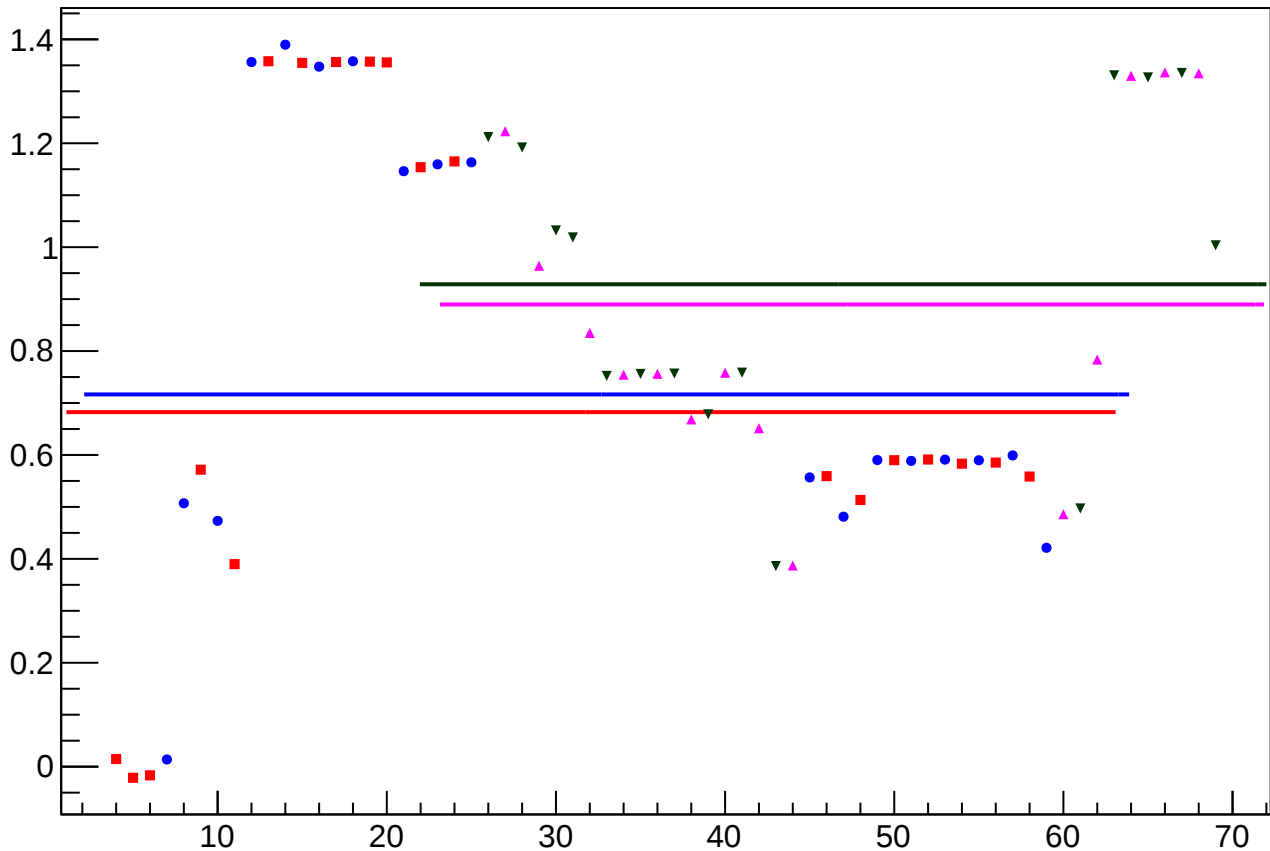
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.023+/-0.000 χ^2/NDF :13683.2/13

0.022+/-0.000 χ^2/NDF : 286155.4/32

0.023+/-0.000 χ^2/NDF : 259911.4/32

yield_bpm11Y_mean vs slug



Right In: 0.716 $\pm$ 0.000 χ^2 /NDF: 131330740430.7/17

Left Out: 0.929 $\pm$ 0.000 χ^2 /NDF: 49554206411.4/14

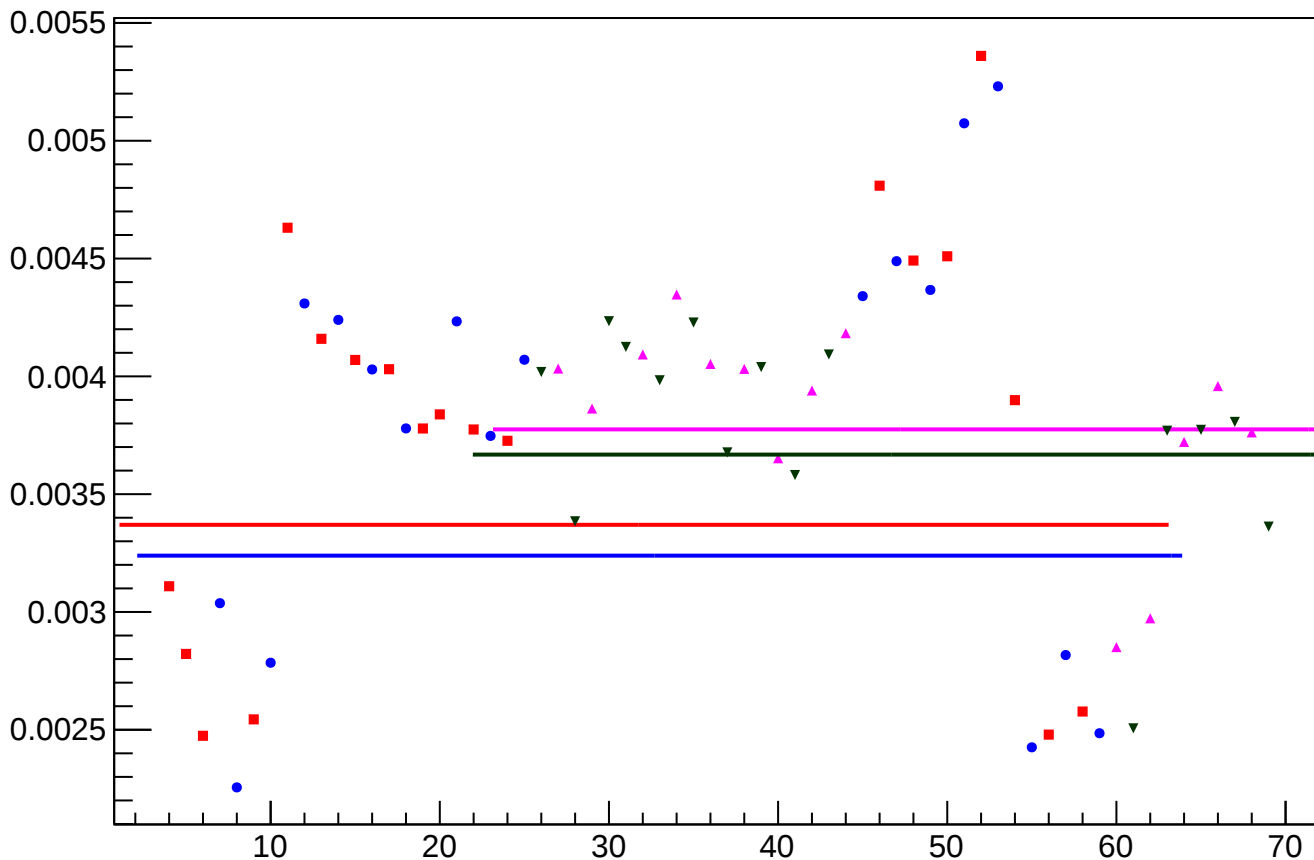
0.793 $\pm$ 0.000 χ^2 /NDF: 196457978464.5/32

Right Out: 0.682 $\pm$ 0.000 χ^2 /NDF: 168328456976.2/18

0.767 $\pm$ 0.000 χ^2 /NDF: 230096604103.1/32

Left In: 0.890 $\pm$ 0.000 χ^2 /NDF: 47946632727.6/13

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 :253927.4/14

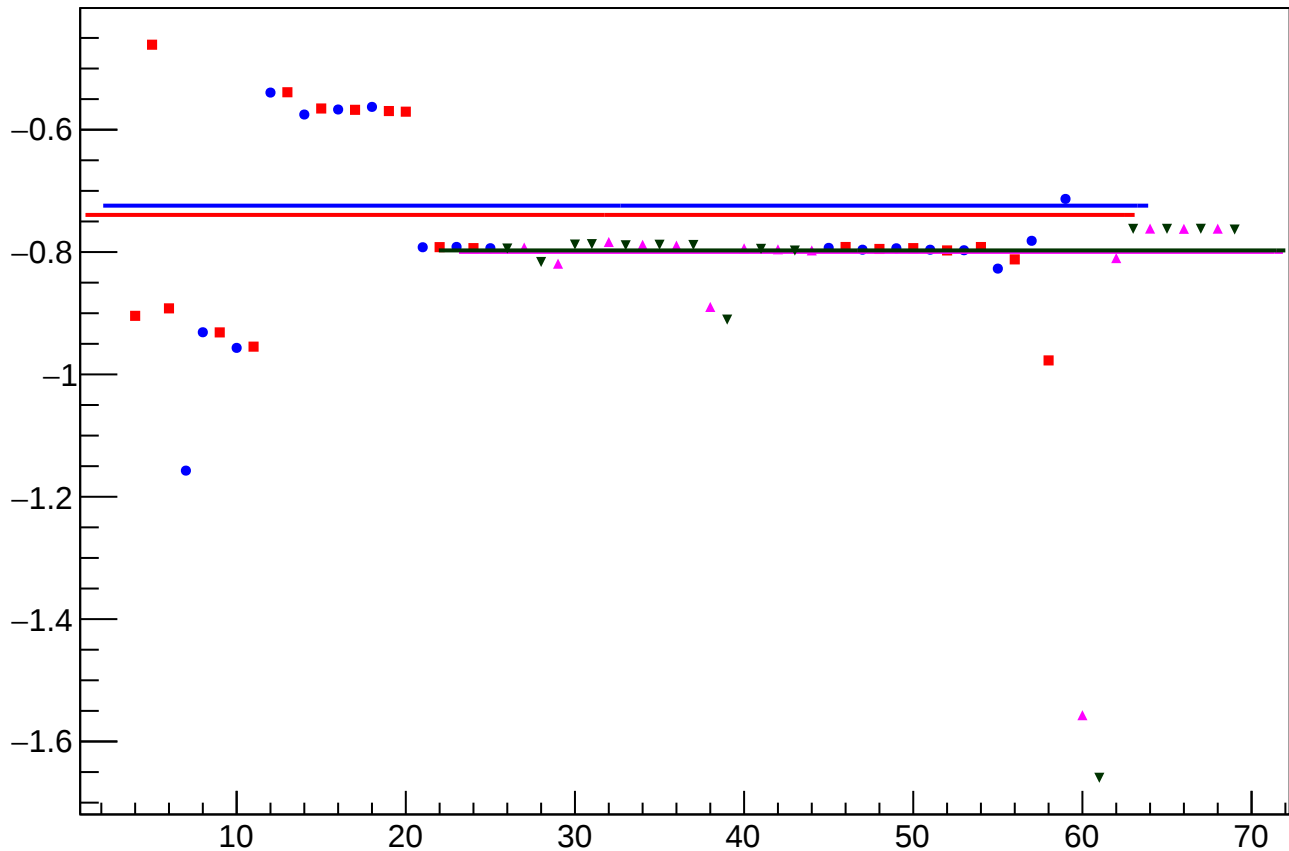
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF :201902.9/13

0.003+/-0.000 χ^2/NDF : 1934150.6/32

0.004+/-0.000 χ^2/NDF : 1465720.7/32

yield_bpm12X_mean vs slug



Right In: -0.724+/-0.000 χ^2 /NDF: 2243966662.4/17

Left Out: -0.797+/-0.000 χ^2 /NDF:621833557.1/14

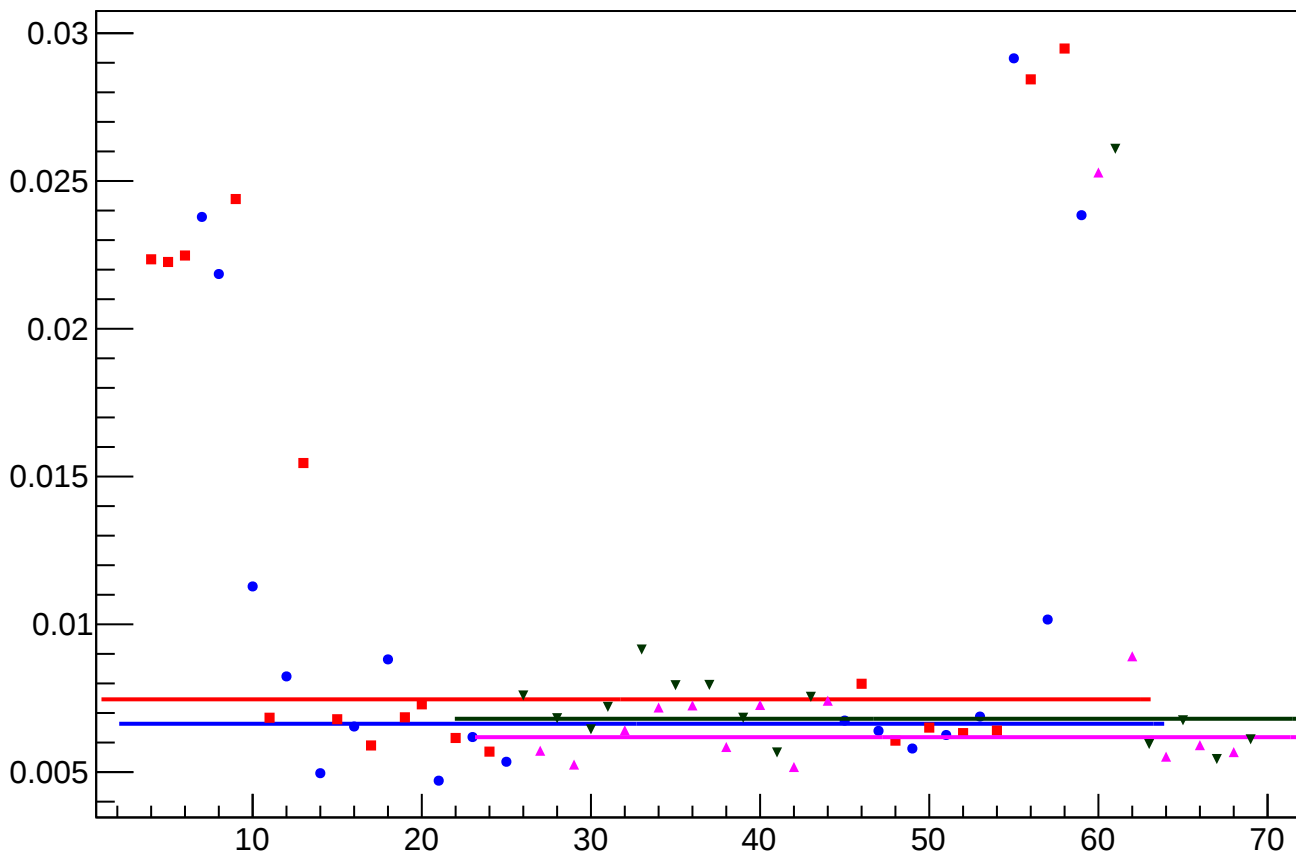
Right Out: -0.739+/-0.000 χ^2 /NDF: 1945829237.2/18

Left In: -0.800+/-0.000 χ^2 /NDF:618611885.9/13

-0.755+/-0.000 χ^2 /NDF: 3233868595.6/32

-0.773+/-0.000 χ^2 /NDF: 2798740522.5/32

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 : 653954.2/14

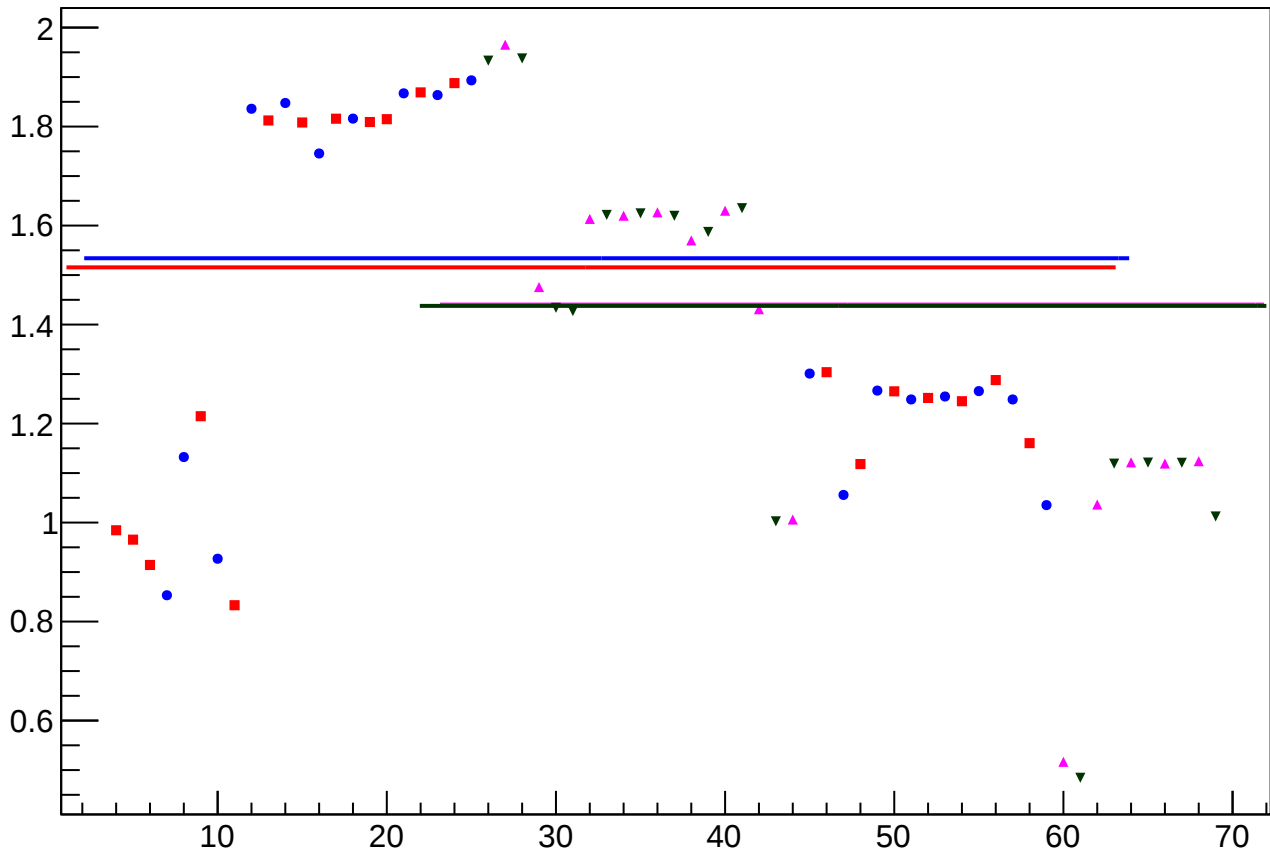
Right Out: 0.007 ± 0.000 χ^2/NDF : 3478880.3/18

Left In: 0.006 ± 0.000 χ^2/NDF : 819372.0/13

0.007 ± 0.000 χ^2/NDF : 4005398.0/32

0.007 ± 0.000 χ^2/NDF : 4508074.7/32

yield_bpm12Y_mean vs slug



Right In: 1.534 $\pm$ 0.000 χ^2 /NDF: 22395382646.2/17

Left Out: 1.438 $\pm$ 0.000 χ^2 /NDF:17256193203.8/14

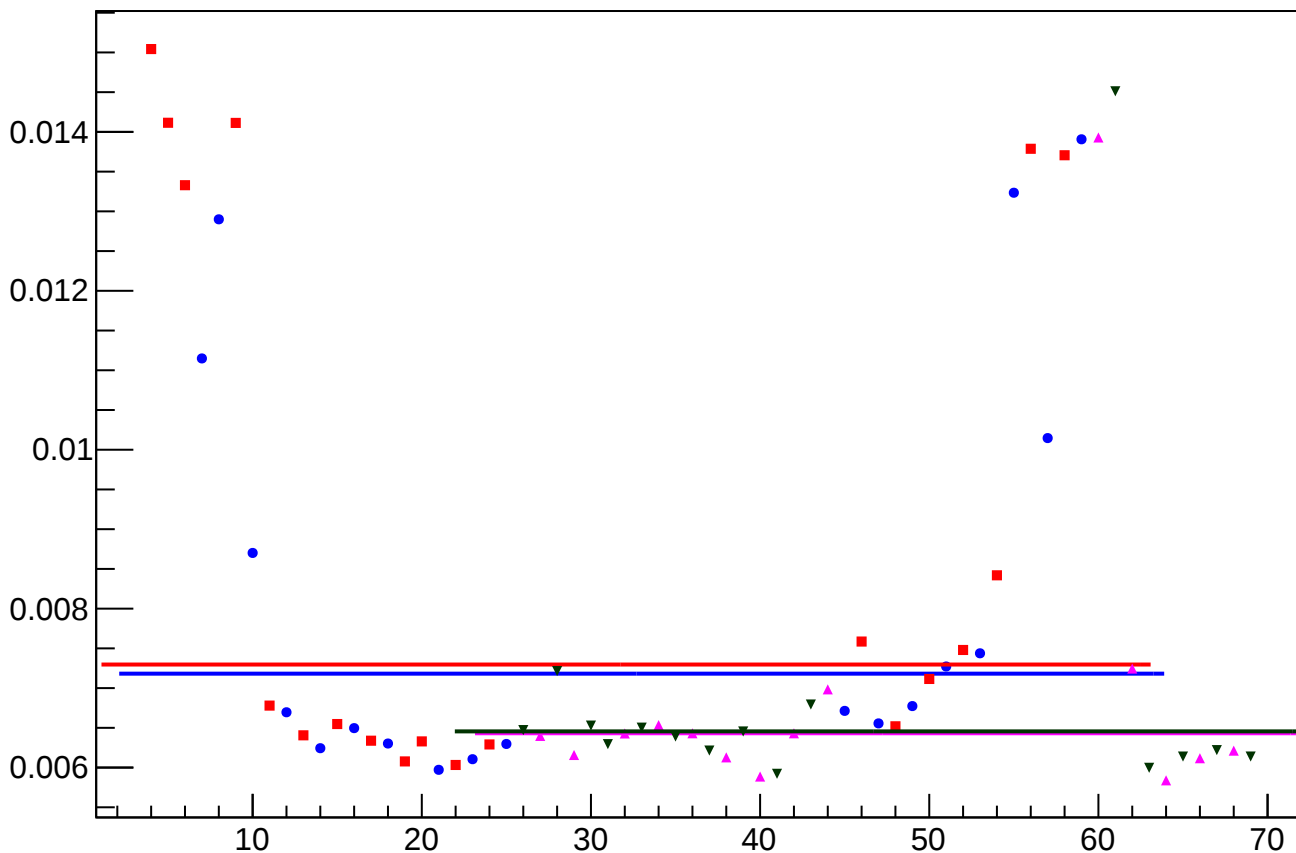
1.489 $\pm$ 0.000 χ^2 /NDF: 40478333731.5/32

Right Out: 1.516 $\pm$ 0.000 χ^2 /NDF: 21754735470.0/18

1.476 $\pm$ 0.000 χ^2 /NDF: 38940266716.3/32

Left In: 1.440 $\pm$ 0.000 χ^2 /NDF:16710369345.0/13

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 : 295463.5/14

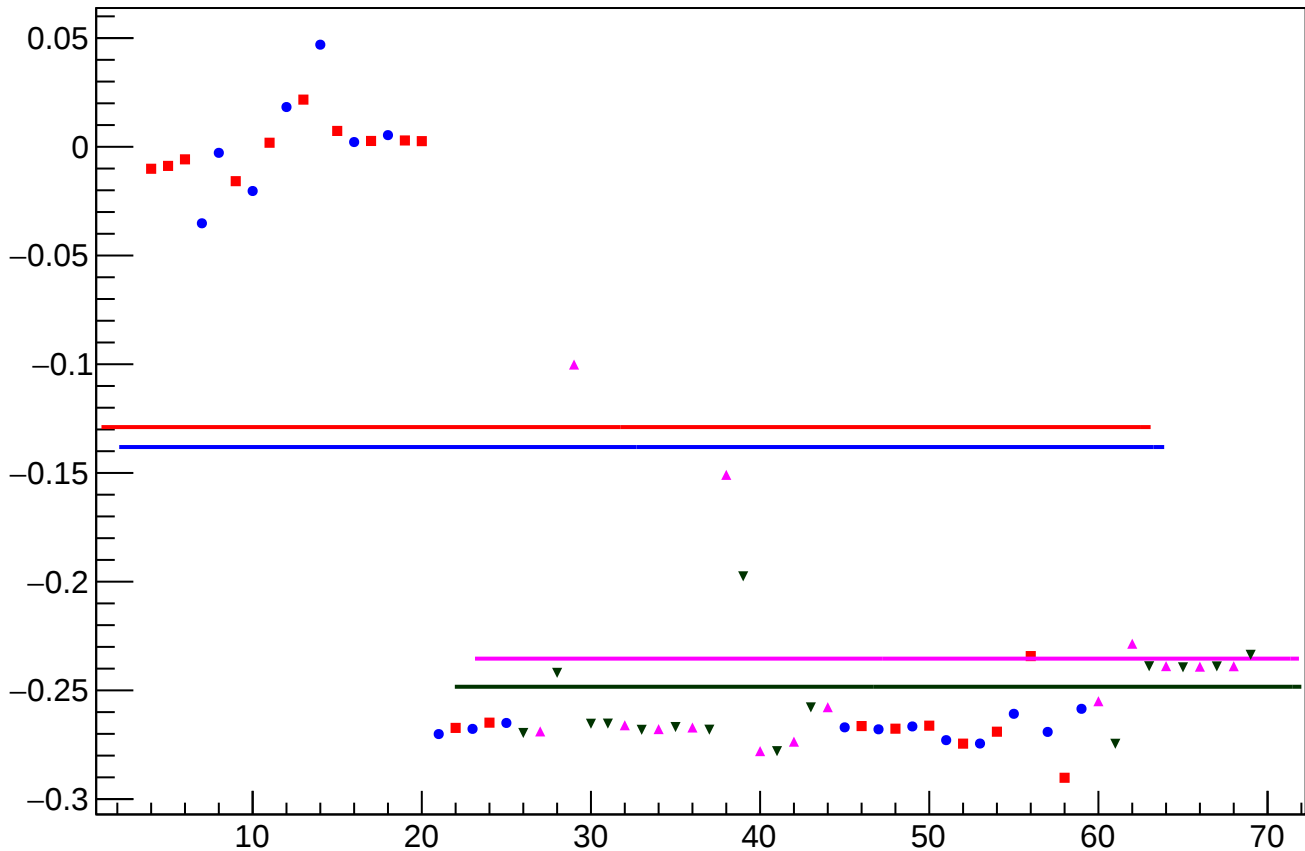
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.006+/-0.000 χ^2/NDF : 335380.9/13

0.007+/-0.000 χ^2/NDF : 1695217.3/32

0.007+/-0.000 χ^2/NDF : 1918916.7/32

yield_bpm16X_mean vs slug



Right In: -0.138 ± 0.000 $\chi^2/\text{NDF}: 7275574194.7/17$

Left Out: -0.248 ± 0.000 $\chi^2/\text{NDF}: 130723734.6/14$

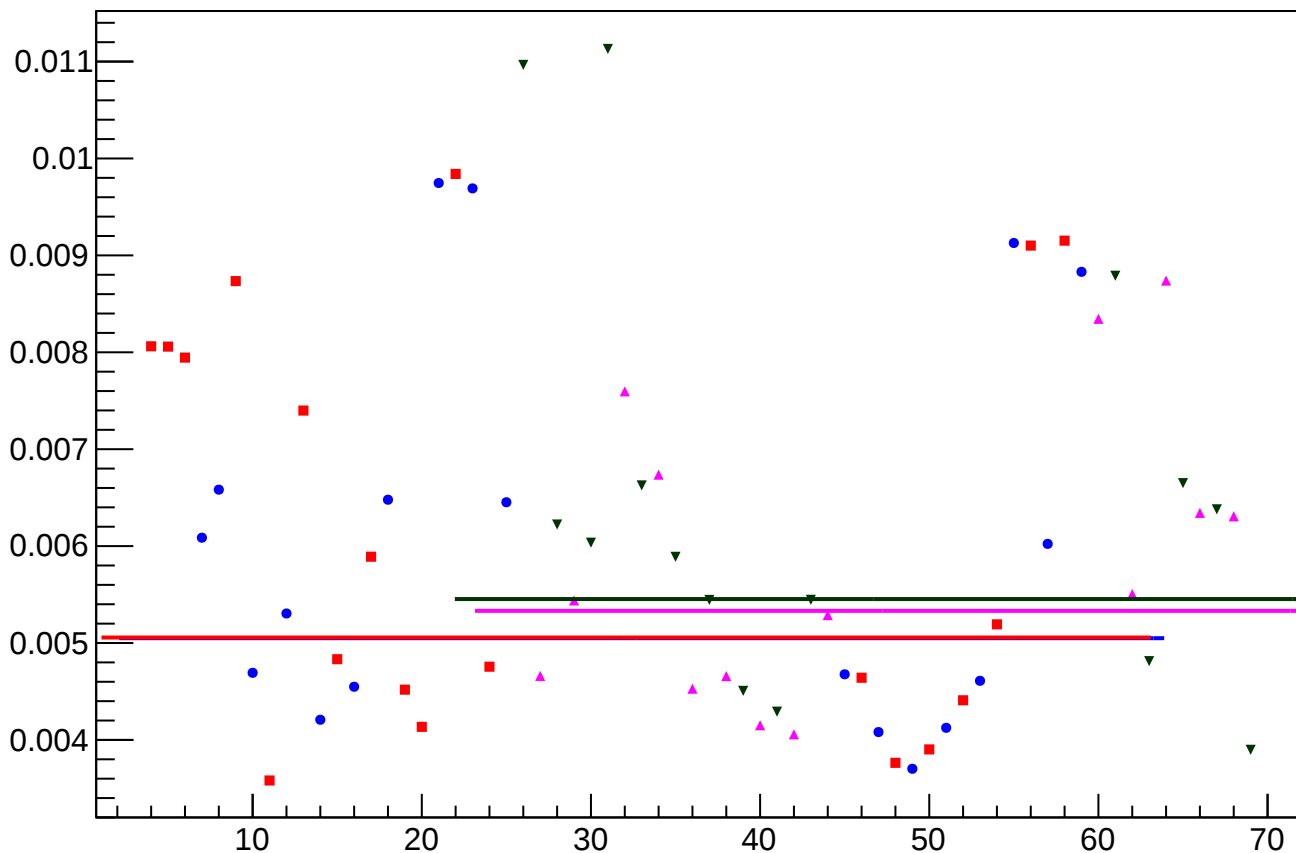
-0.180 ± 0.000 $\chi^2/\text{NDF}: 9087848254.4/32$

Right Out: -0.129 ± 0.000 $\chi^2/\text{NDF}: 5878929515.5/18$

-0.175 ± 0.000 $\chi^2/\text{NDF}: 8252590429.1/32$

Left In: -0.235 ± 0.000 $\chi^2/\text{NDF}: 791231738.2/13$

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1664372.1/17

Left Out: 0.005+/-0.000 χ^2/NDF : 928084.3/14

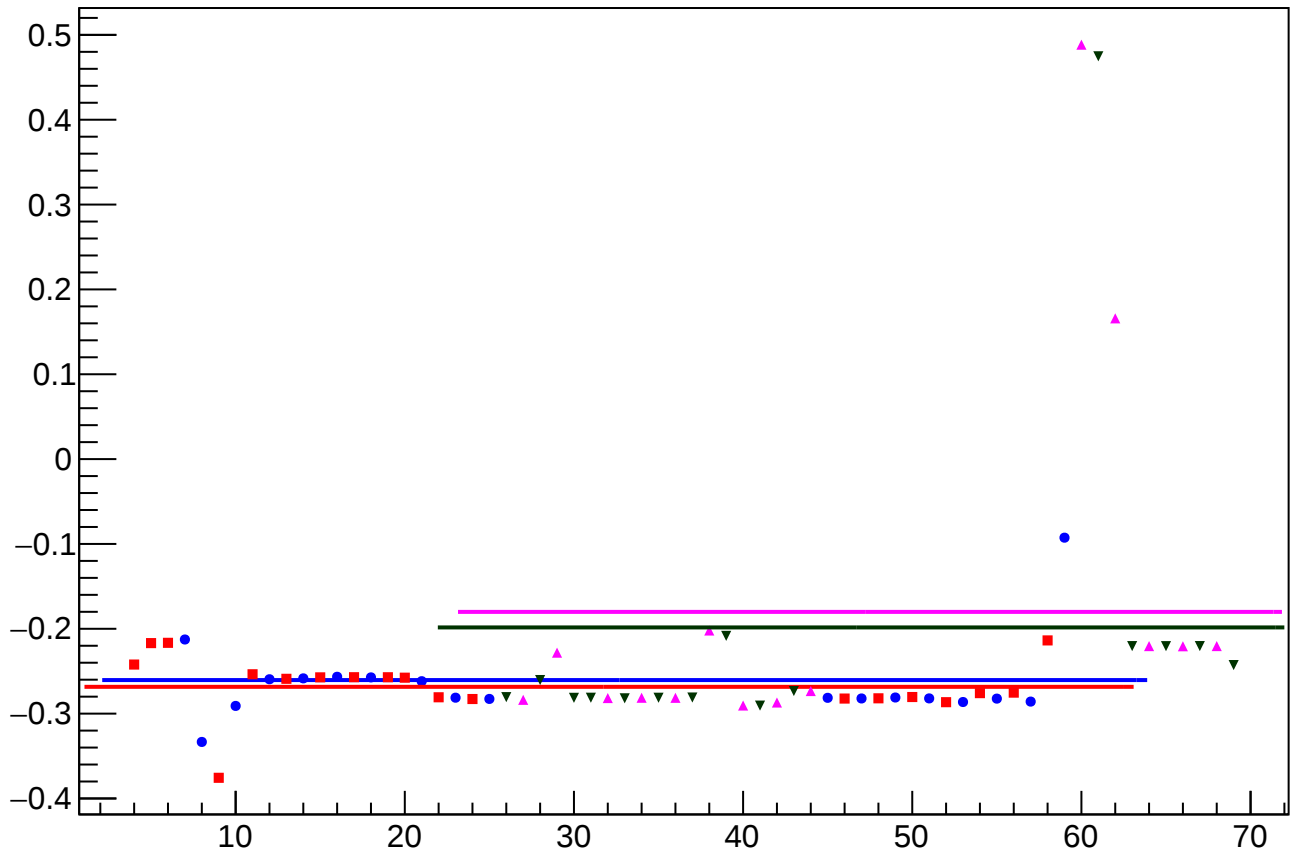
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 748207.6/13

0.005+/-0.000 χ^2/NDF : 2637562.8/32

0.005+/-0.000 χ^2/NDF : 2591822.8/32

yield_bpm16Y_mean vs slug



Right In: -0.260 ± 0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.198 ± 0.000 χ^2/NDF : 41871811814.2/14

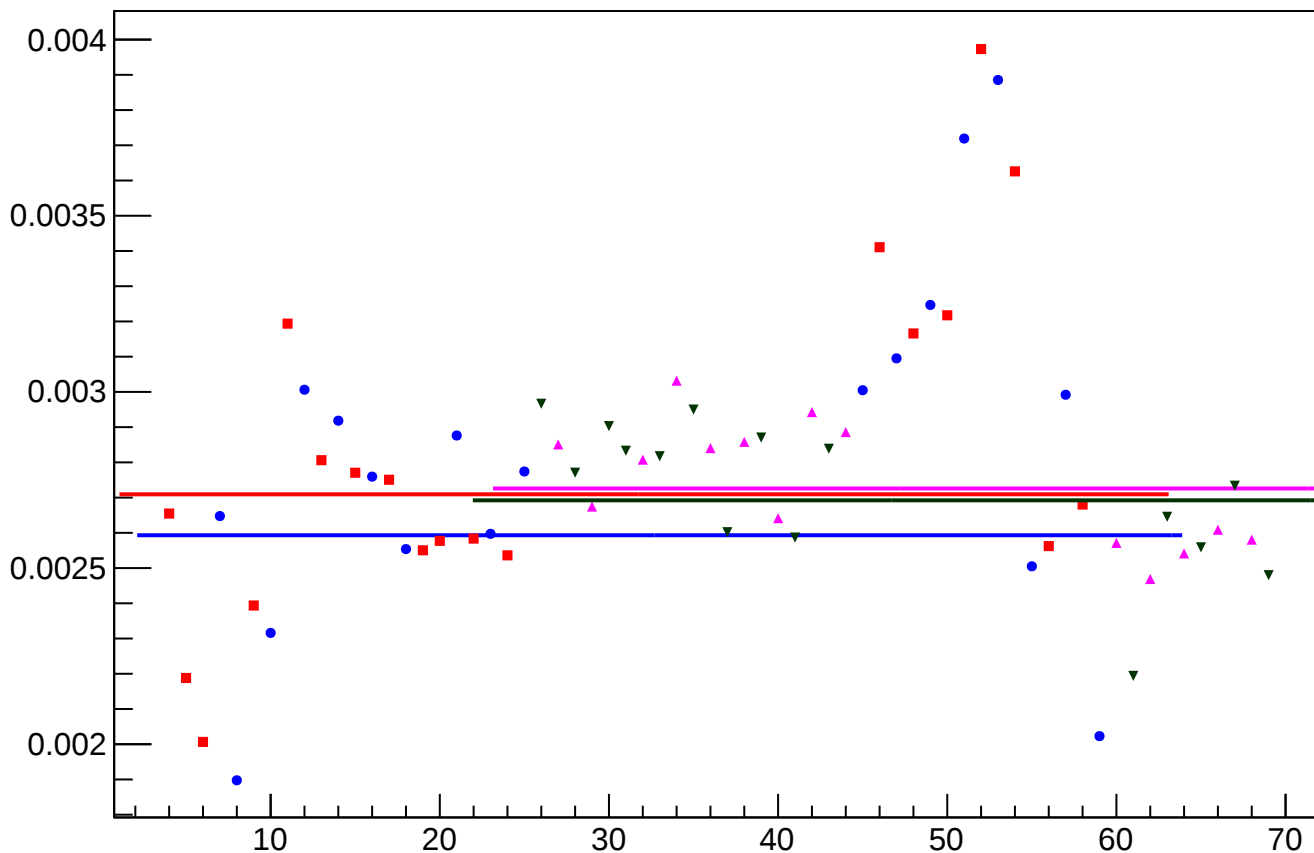
Right Out: -0.268 ± 0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.180 ± 0.000 χ^2/NDF : 44012084896.0/13

-0.236 ± 0.000 χ^2/NDF : 51145311668.5/32

-0.228 ± 0.000 χ^2/NDF : 50706749877.8/32

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 :87705.1/14

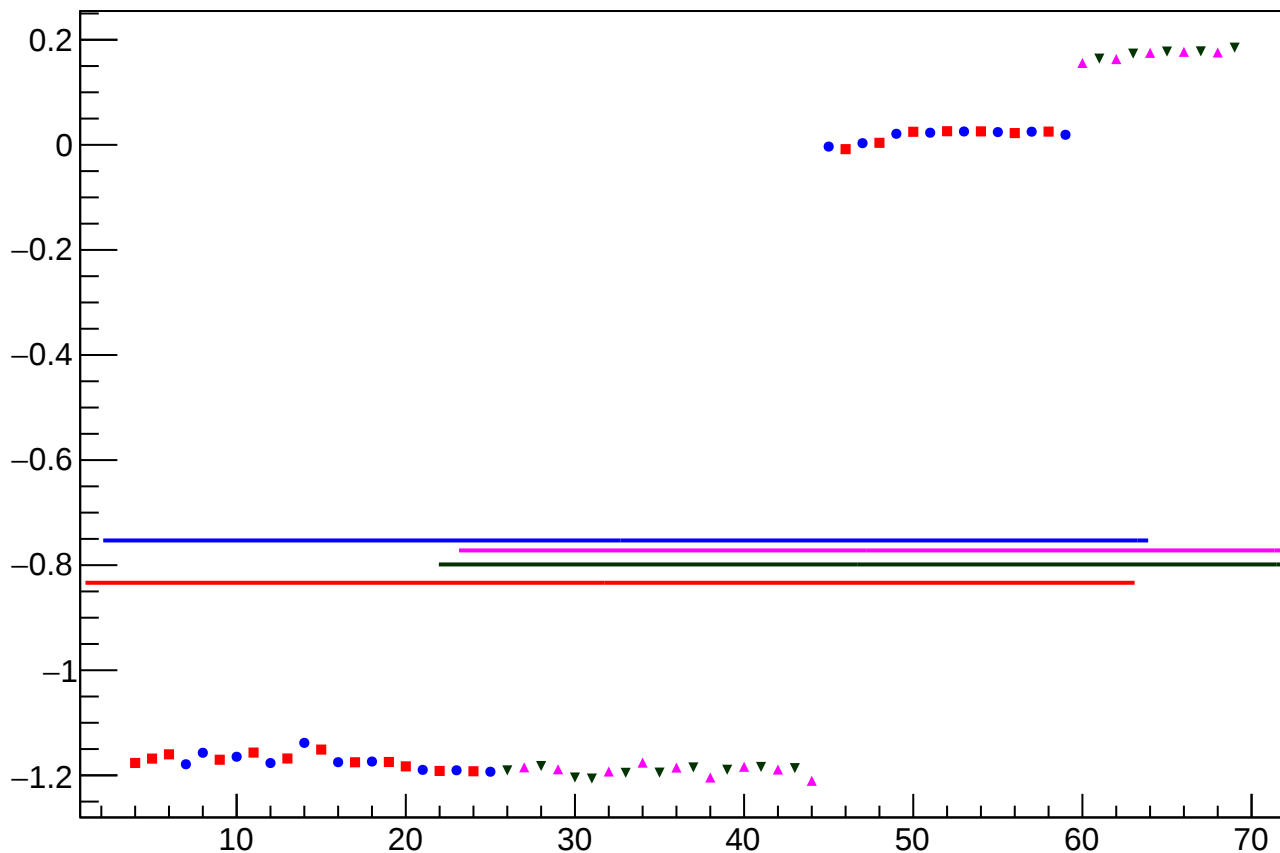
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF :52202.2/13

0.003+/-0.000 χ^2/NDF : 874052.4/32

0.003+/-0.000 χ^2/NDF : 528749.6/32

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -0.799+/-0.000 χ^2/NDF : 43448131977.1/14

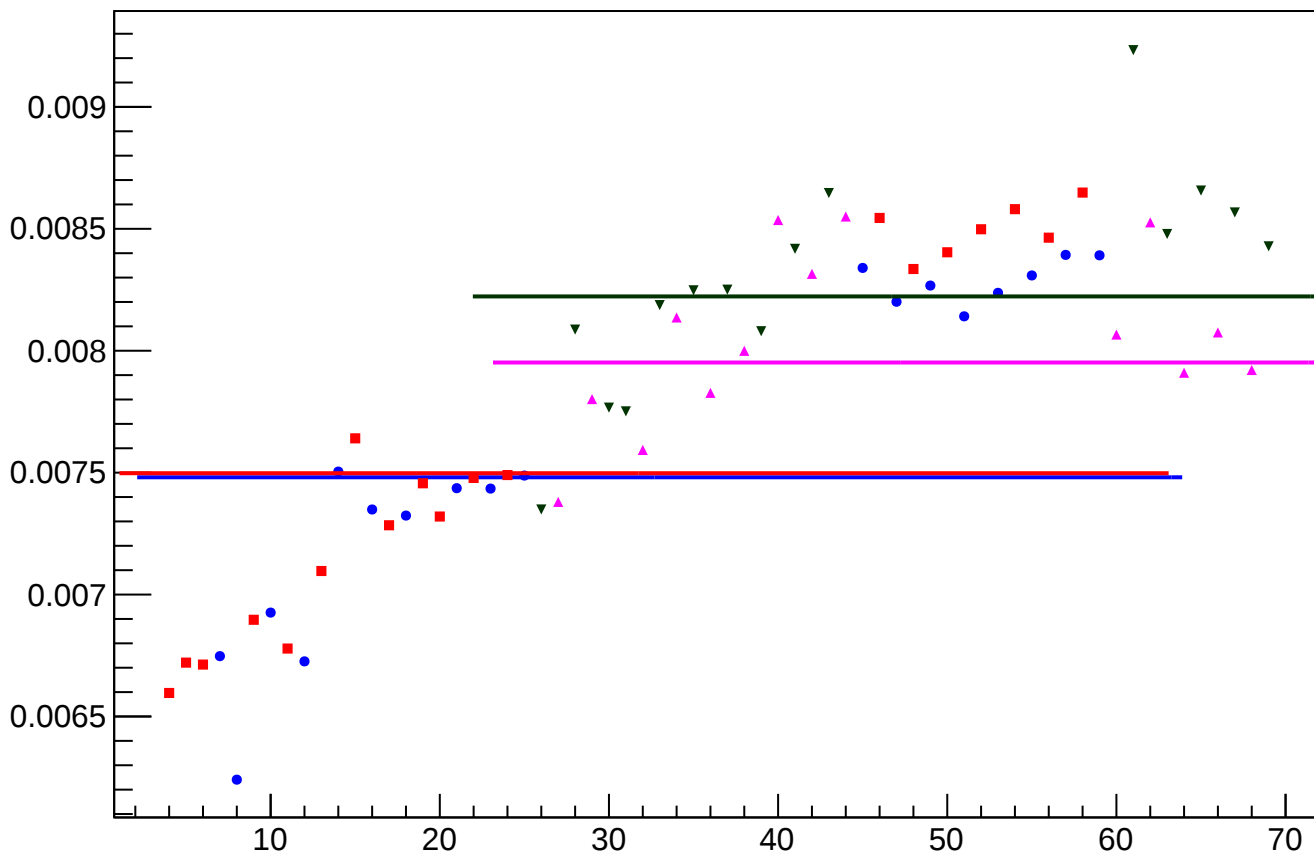
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.772+/-0.000 χ^2/NDF : 50392258245.3/13

-0.770+/-0.000 χ^2/NDF : 107123032236.0/32

-0.808+/-0.000 χ^2/NDF : 101005163625.9/32

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 : 39627.4/14

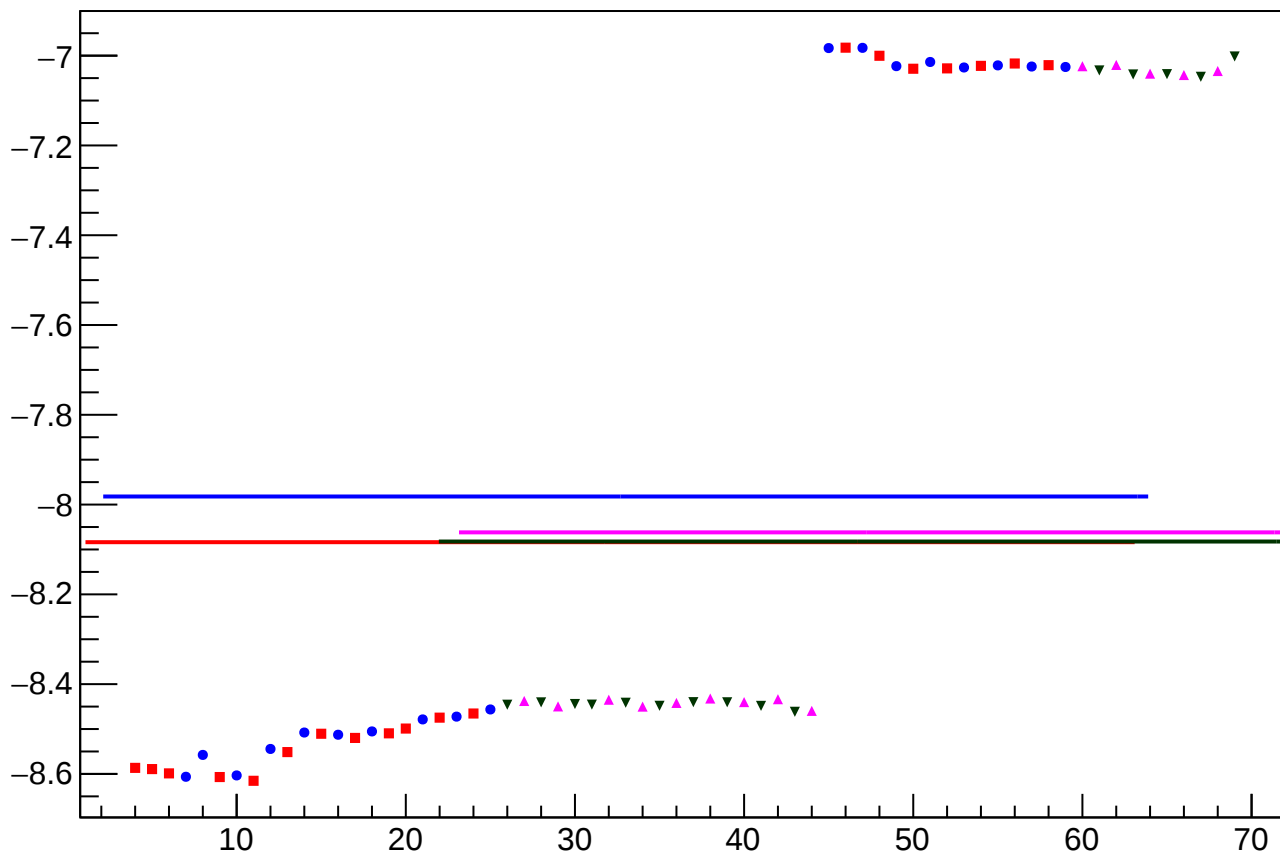
Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF : 31539.0/13

0.008+/-0.000 χ^2/NDF : 315120.2/32

0.008+/-0.000 χ^2/NDF : 229447.2/32

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -8.082+/-0.000 χ^2/NDF : 53175915352.0/14

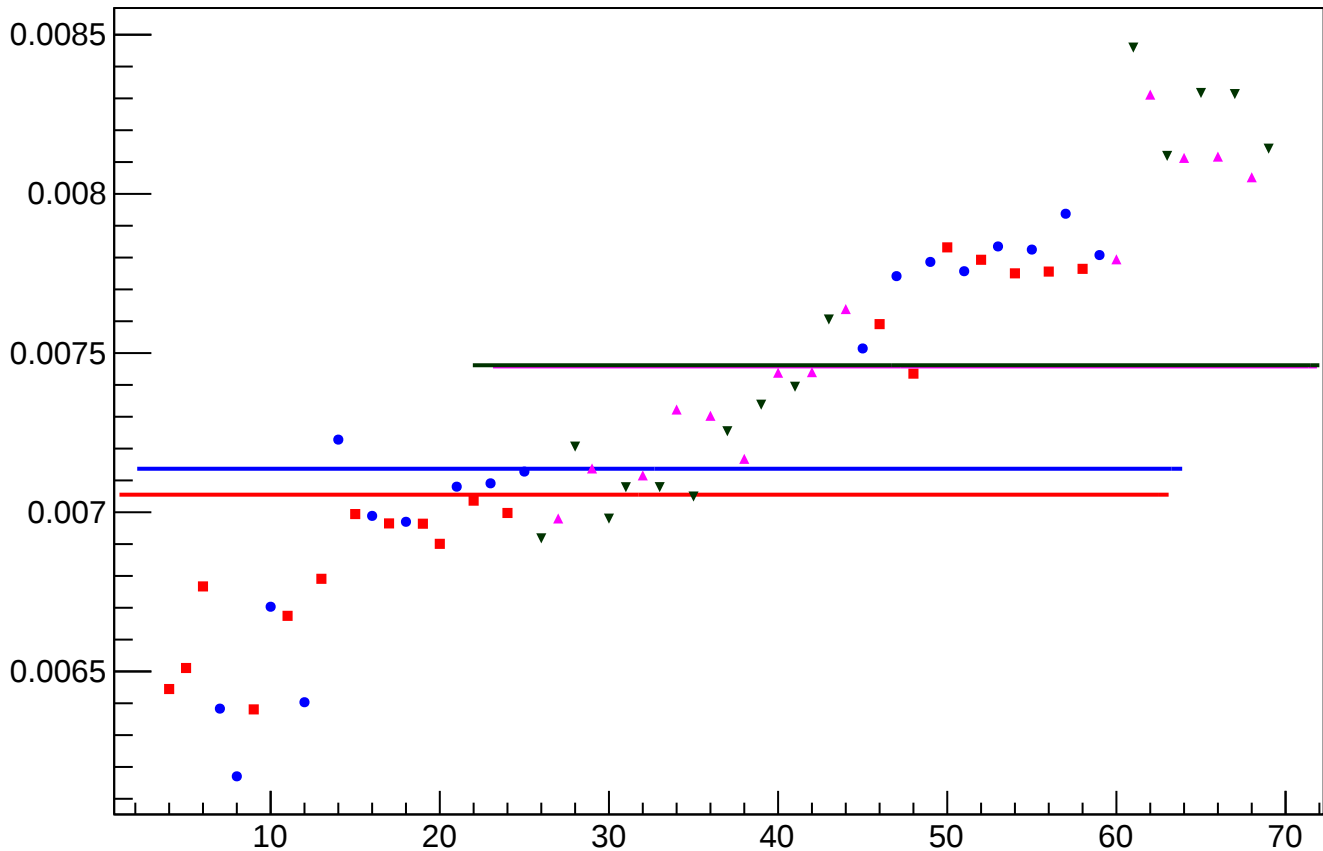
Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

Left In: -8.062+/-0.000 χ^2/NDF : 57643912962.7/13

-8.021+/-0.000 χ^2/NDF : 170558488631.9/32

-8.074+/-0.000 χ^2/NDF : 157191013099.3/32

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 : 70306.8/14

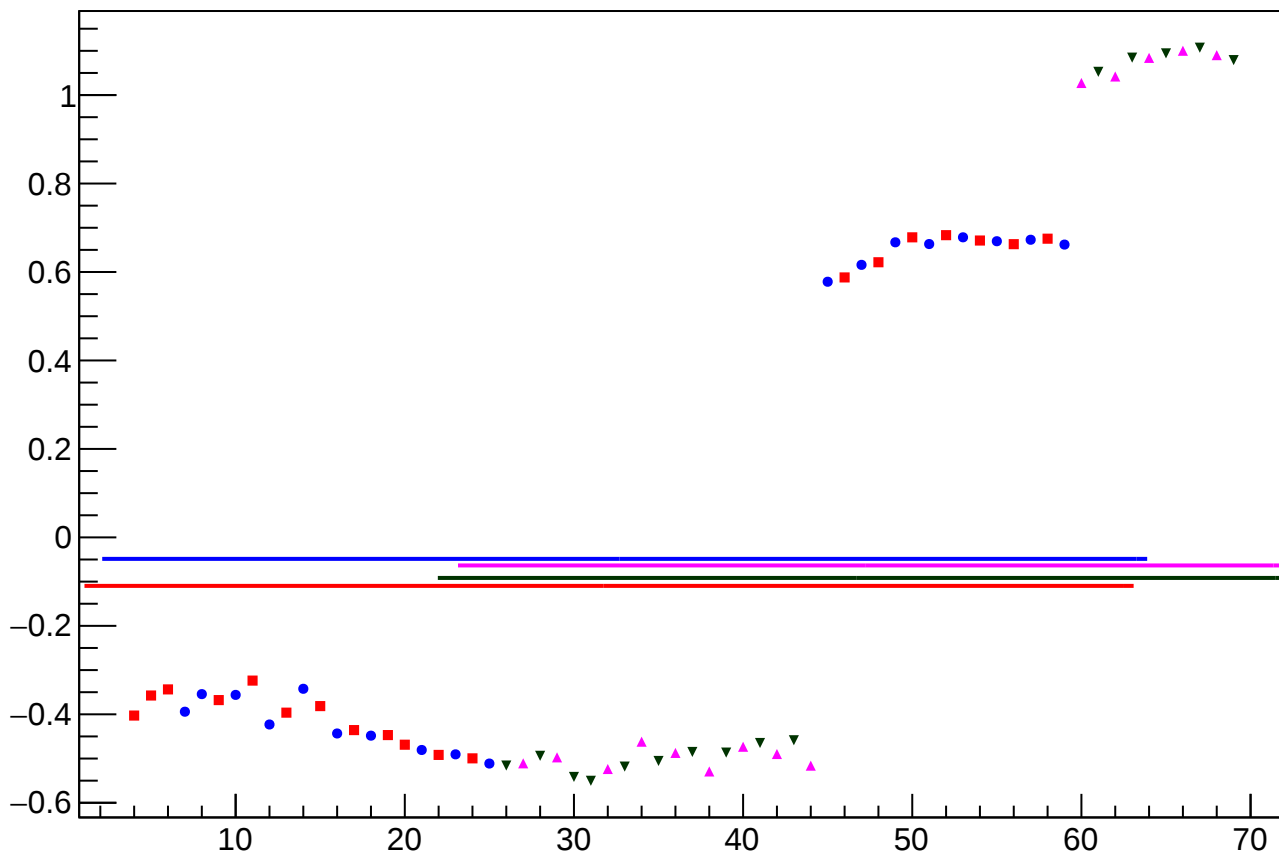
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.007+/-0.000 χ^2/NDF : 50226.7/13

0.007+/-0.000 χ^2/NDF : 229727.3/32

0.007+/-0.000 χ^2/NDF : 166588.0/32

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: -0.092+/-0.000 χ^2/NDF : 8330736103.8/14

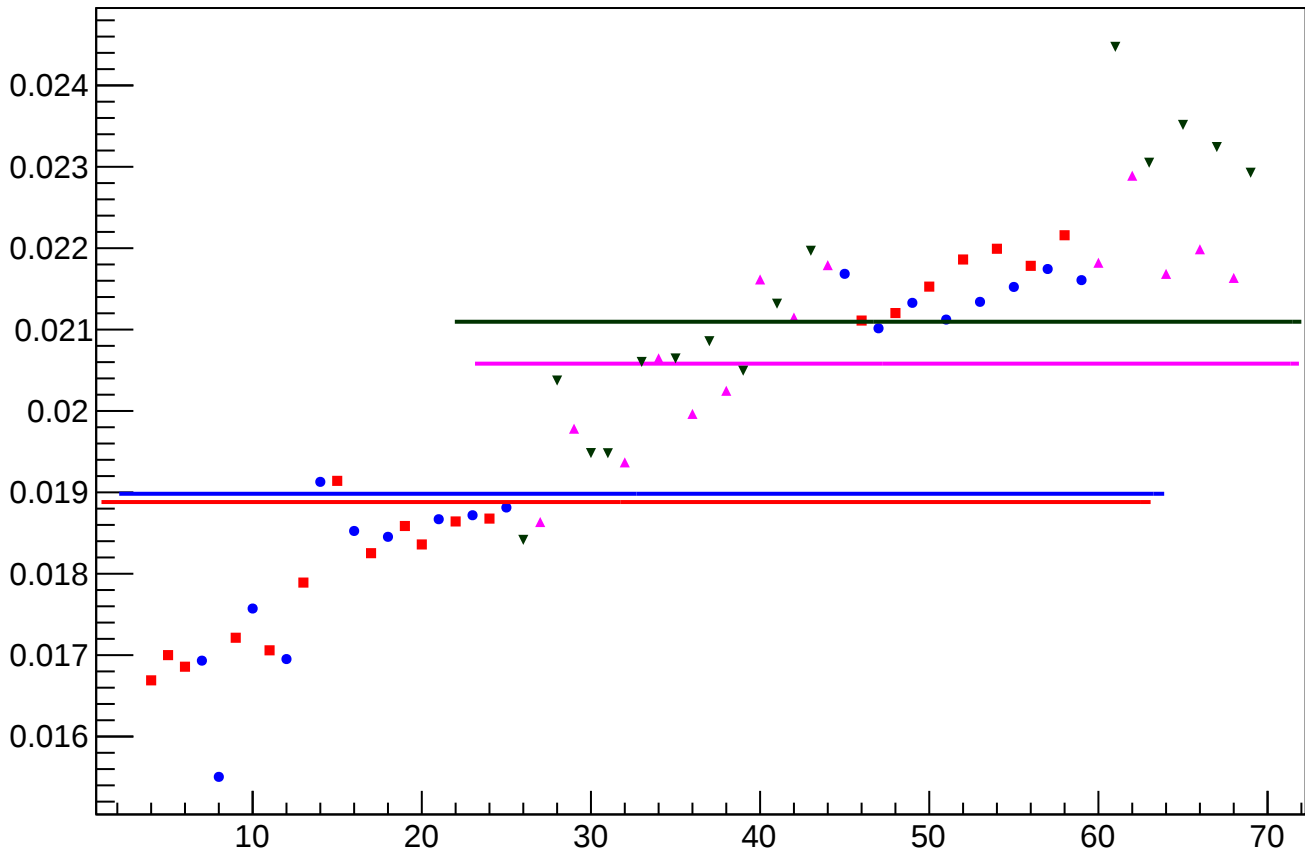
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: -0.063+/-0.000 χ^2/NDF : 9514806426.4/13

-0.064+/-0.000 χ^2/NDF : 16157623224.3/32

-0.091+/-0.000 χ^2/NDF : 15797984013.5/32

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 : 87791.7/14

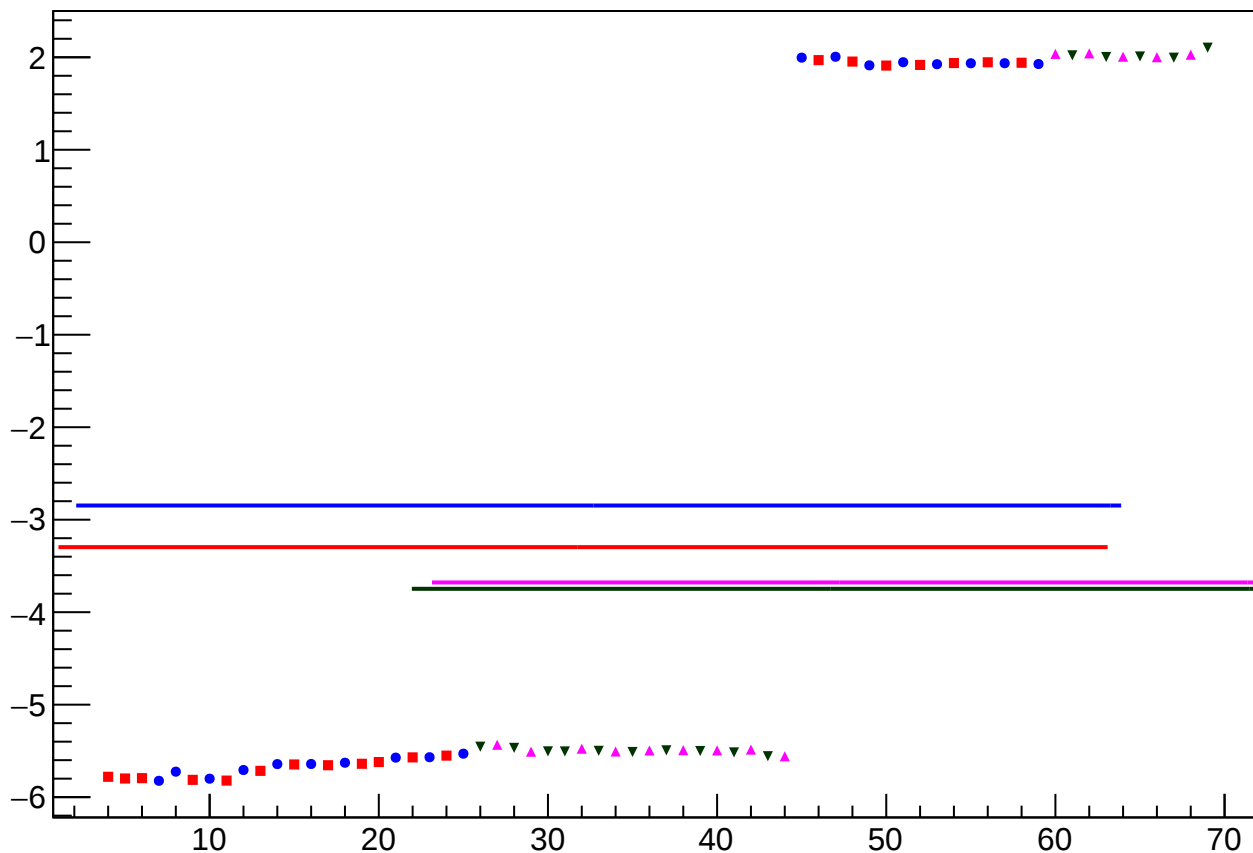
Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

Left In: 0.021+/-0.000 χ^2/NDF : 57849.0/13

0.020+/-0.000 χ^2/NDF : 441363.3/32

0.020+/-0.000 χ^2/NDF : 313725.9/32

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -3.747+/-0.000 χ^2/NDF : 489449158480.2/14

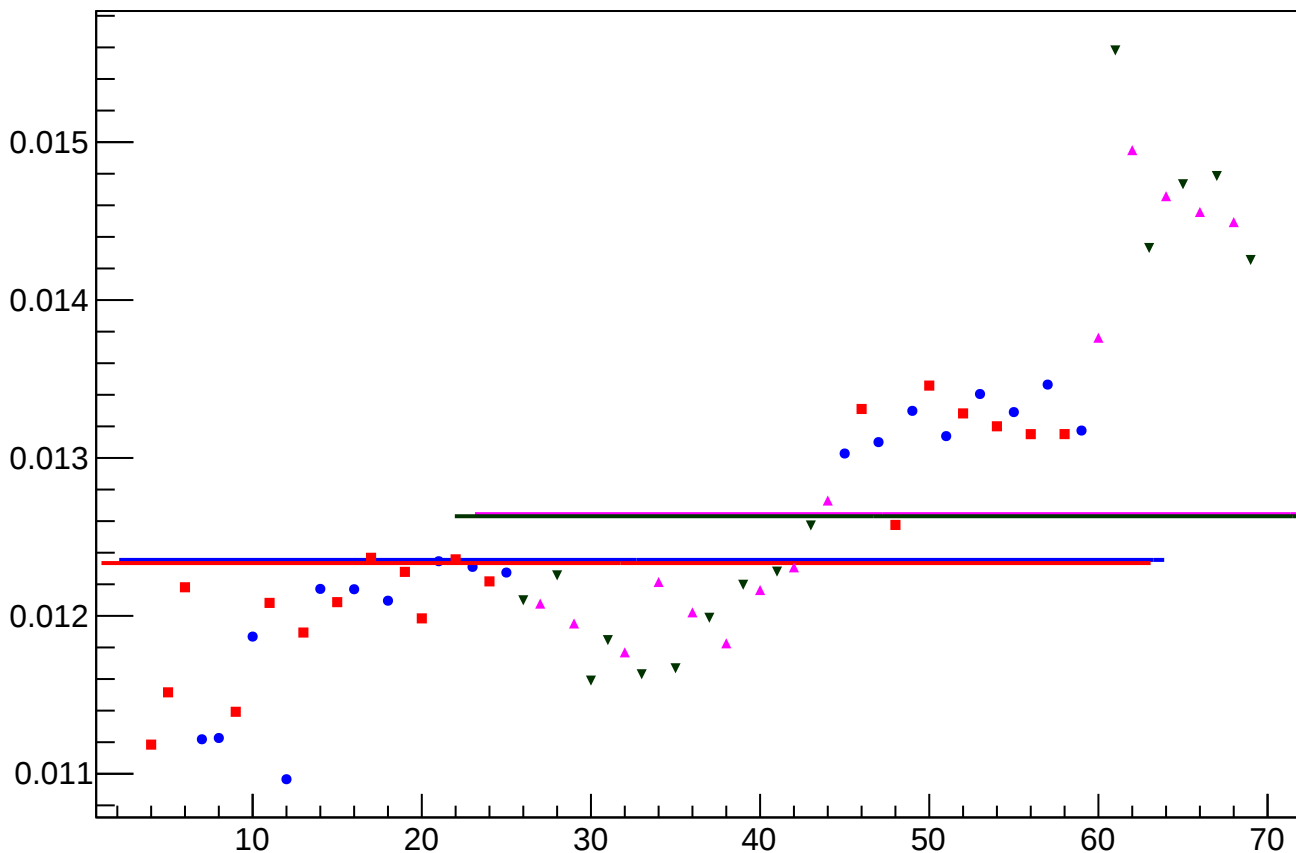
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -3.678+/-0.000 χ^2/NDF : 525926319993.3/13

-3.206+/-0.000 χ^2/NDF : 1501126390231.6/32

-3.464+/-0.000 χ^2/NDF : 1349136784932.5/32

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 89844.3/17

Left Out: 0.013+/-0.000 χ^2/NDF :133880.0/14

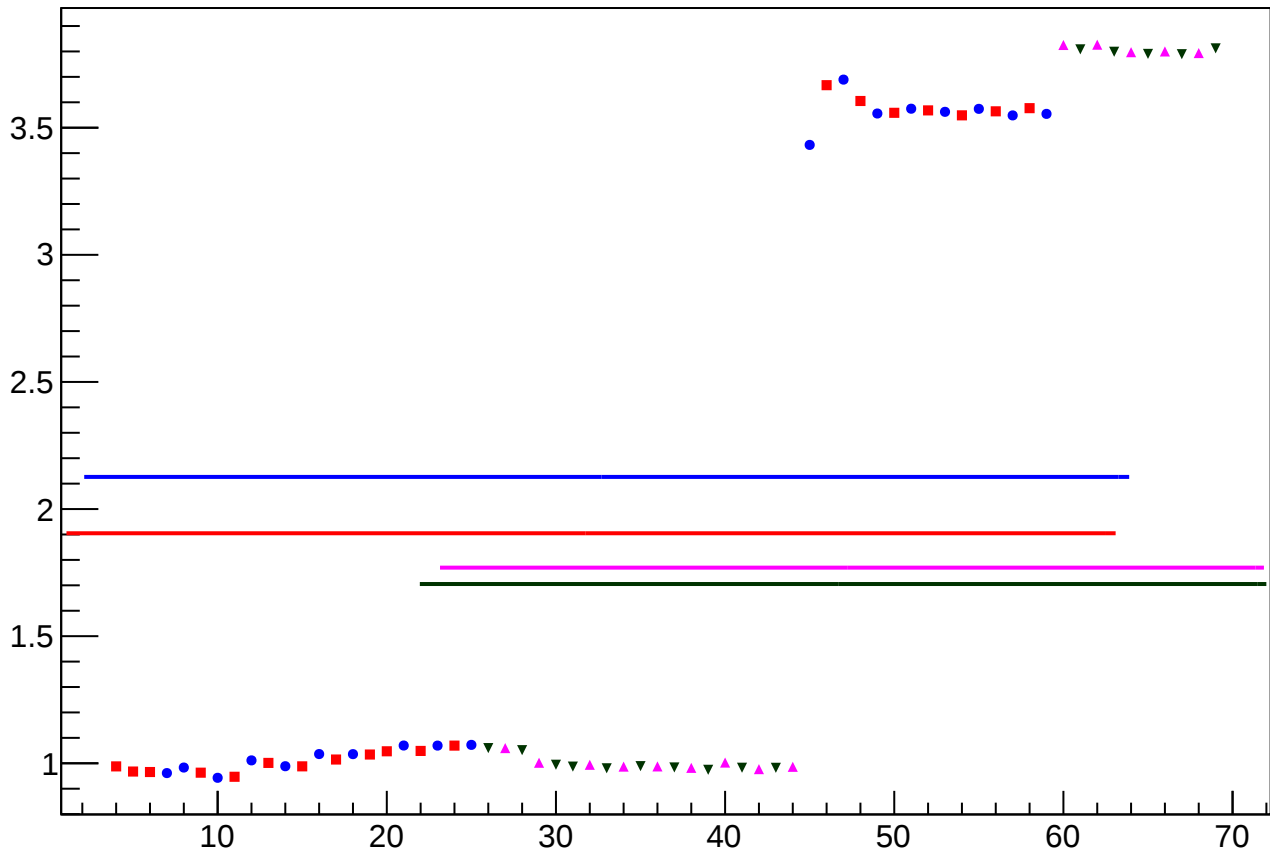
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.013+/-0.000 χ^2/NDF :114506.9/13

0.012+/-0.000 χ^2/NDF : 228174.2/32

0.012+/-0.000 χ^2/NDF : 174876.2/32

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 1.705+/-0.000 χ^2/NDF :188022704198.8/14

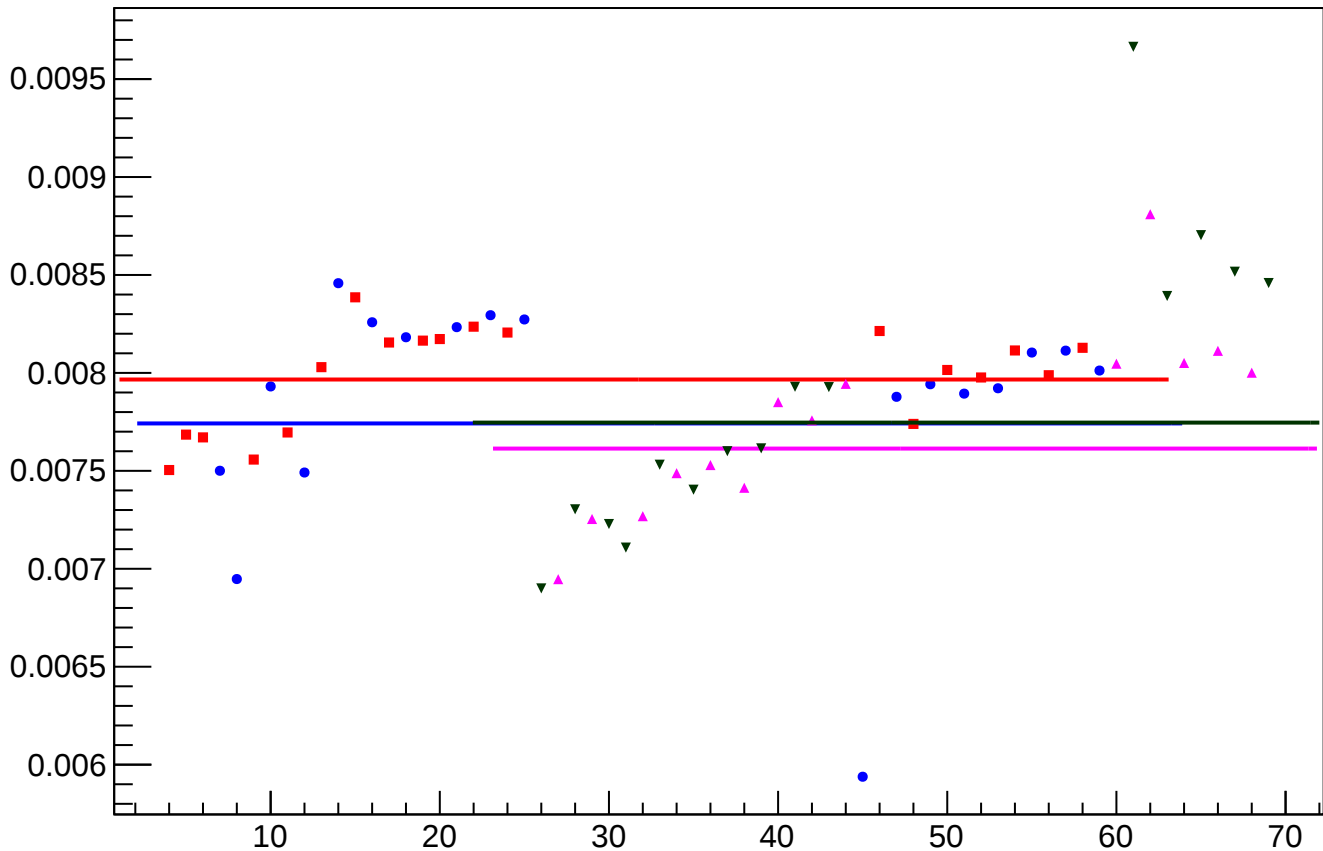
1.954+/-0.000 χ^2/NDF : 494035652211.4/32

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

1.841+/-0.000 χ^2/NDF : 455014671412.7/32

Left In: 1.770+/-0.000 χ^2/NDF :217649598783.2/13

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 :100861.9/14

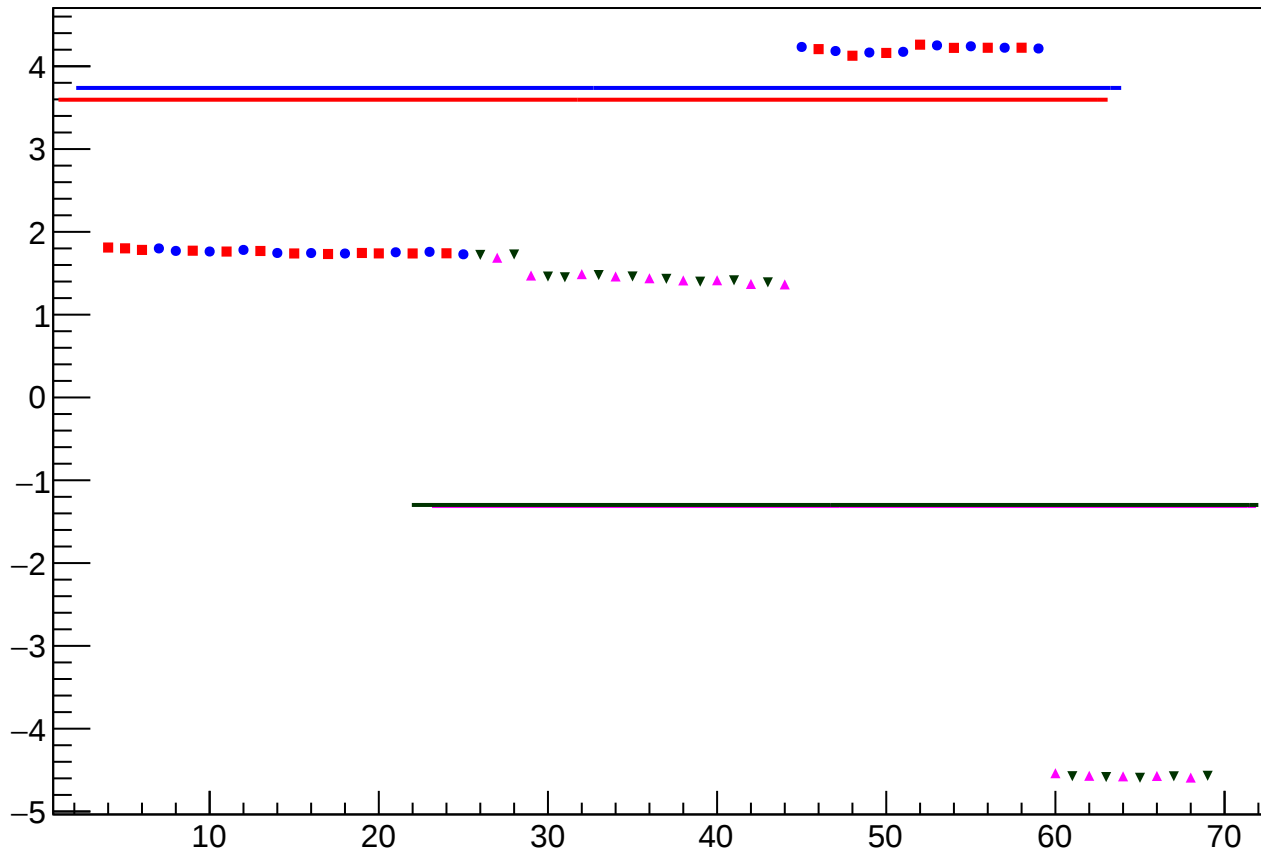
Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

Left In: 0.008+/-0.000 χ^2/NDF :56736.3/13

0.008+/-0.000 χ^2/NDF : 279771.8/32

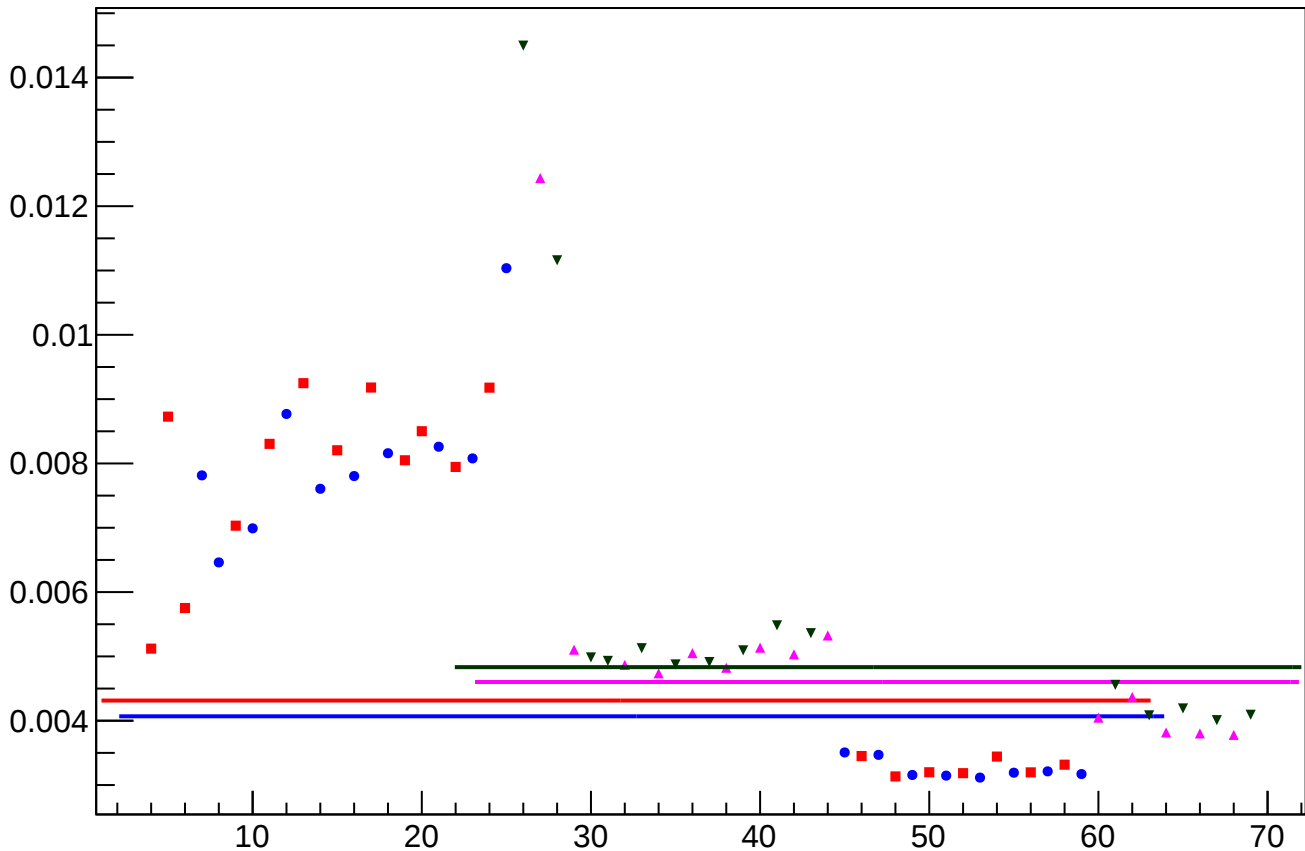
0.008+/-0.000 χ^2/NDF : 95061.2/32

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000	χ^2/NDF : 502669373965.6/17	1.966+/-0.000	χ^2/NDF : 7961506115841.8/32
Left Out: -1.298+/-0.000	χ^2/NDF : 2642508671488.7/14		
Right Out: 3.596+/-0.000	χ^2/NDF : 468031292414.6/18	1.378+/-0.000	χ^2/NDF : 8159408684284.0/32
Left In: -1.311+/-0.000	χ^2/NDF : 3114229608097.8/13		

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 :993248.3/14

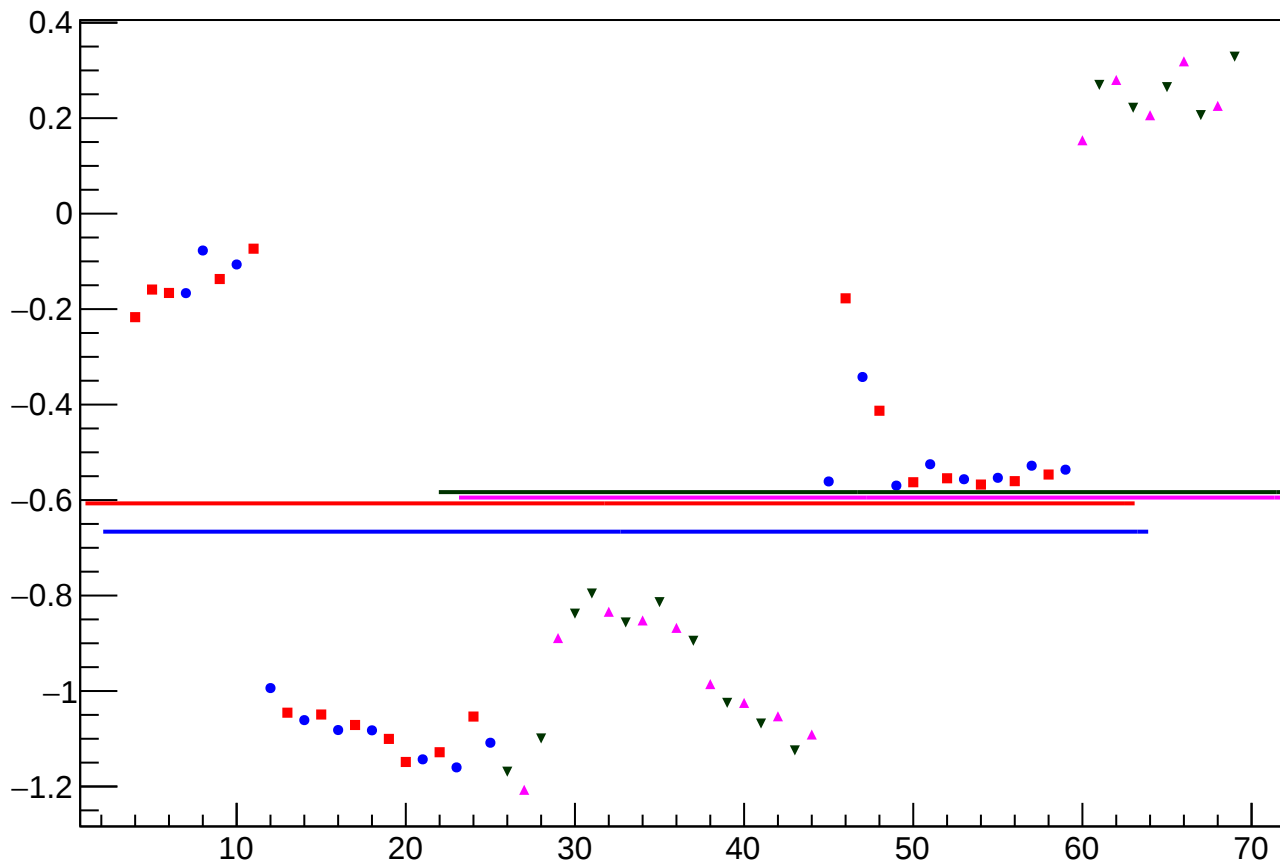
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.005+/-0.000 χ^2/NDF :797219.8/13

0.004+/-0.000 χ^2/NDF : 4616882.5/32

0.004+/-0.000 χ^2/NDF : 4070097.7/32

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.583+/-0.000 χ^2/NDF : 30660414371.8/14

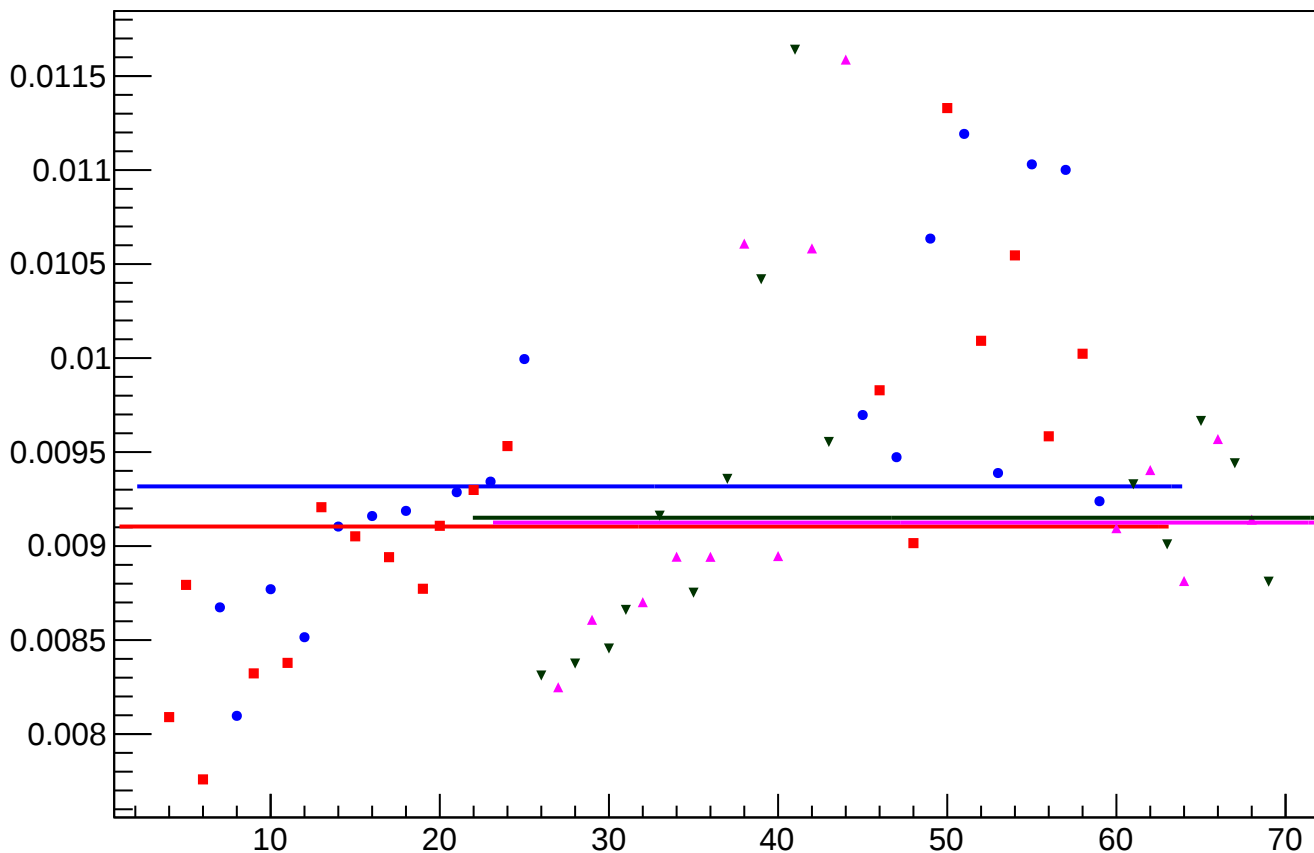
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.595+/-0.000 χ^2/NDF : 31657564504.4/13

-0.632+/-0.000 χ^2/NDF : 50156876659.4/32

-0.601+/-0.000 χ^2/NDF : 50882661688.3/32

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 :110080.9/14

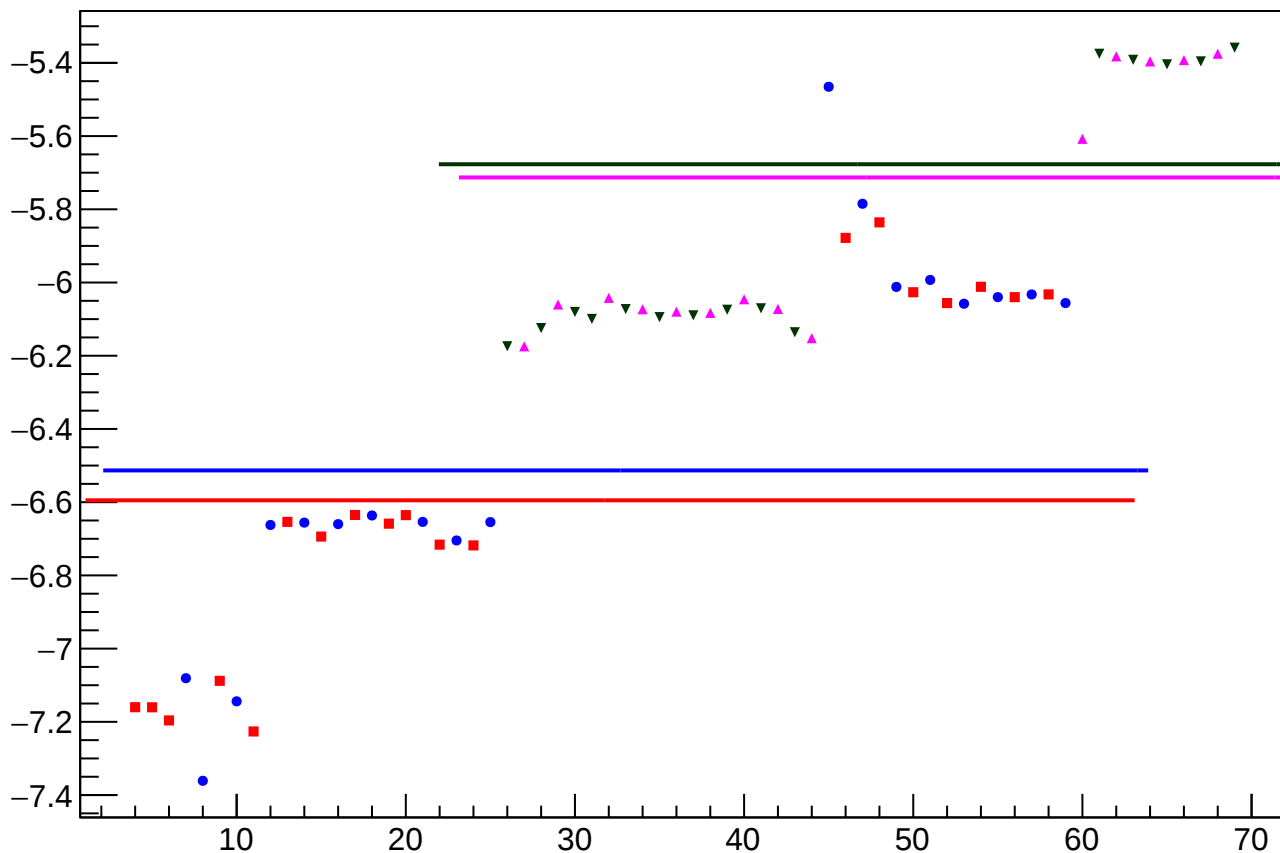
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.009+/-0.000 χ^2/NDF :120115.4/13

0.009+/-0.000 χ^2/NDF : 278774.3/32

0.009+/-0.000 χ^2/NDF : 279254.8/32

yield_bpm0l01Y_mean vs slug



Right In: -6.513 ± 0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.677 ± 0.000 χ^2/NDF : 16737083242.8/14

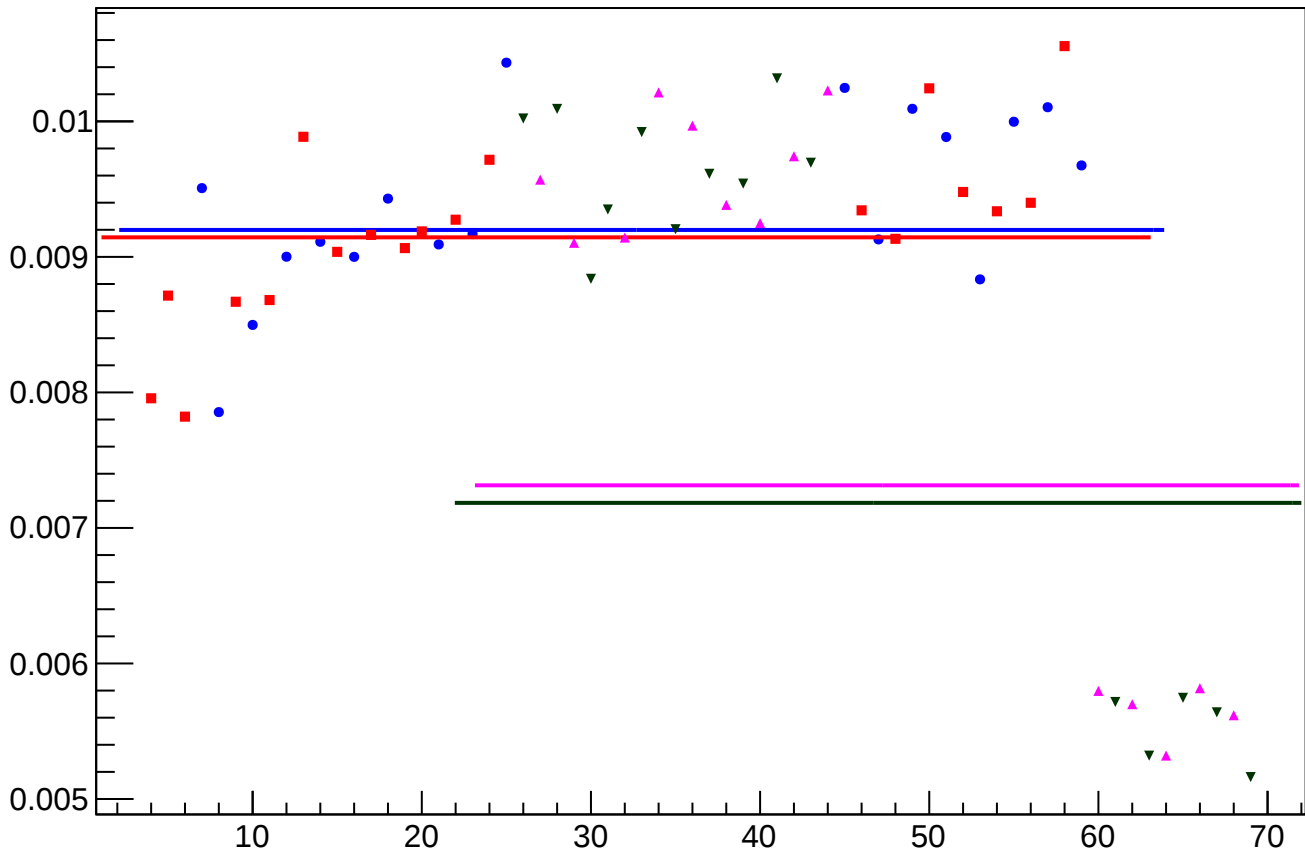
Right Out: -6.595 ± 0.000 χ^2/NDF : 25777696502.6/18

Left In: -5.713 ± 0.000 χ^2/NDF : 15476949431.9/13

-6.084 ± 0.000 χ^2/NDF : 96774392886.0/32

-6.109 ± 0.000 χ^2/NDF : 90035013825.1/32

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 120528.1/17

Left Out: 0.007+/-0.000 χ^2/NDF :1150294.4/14

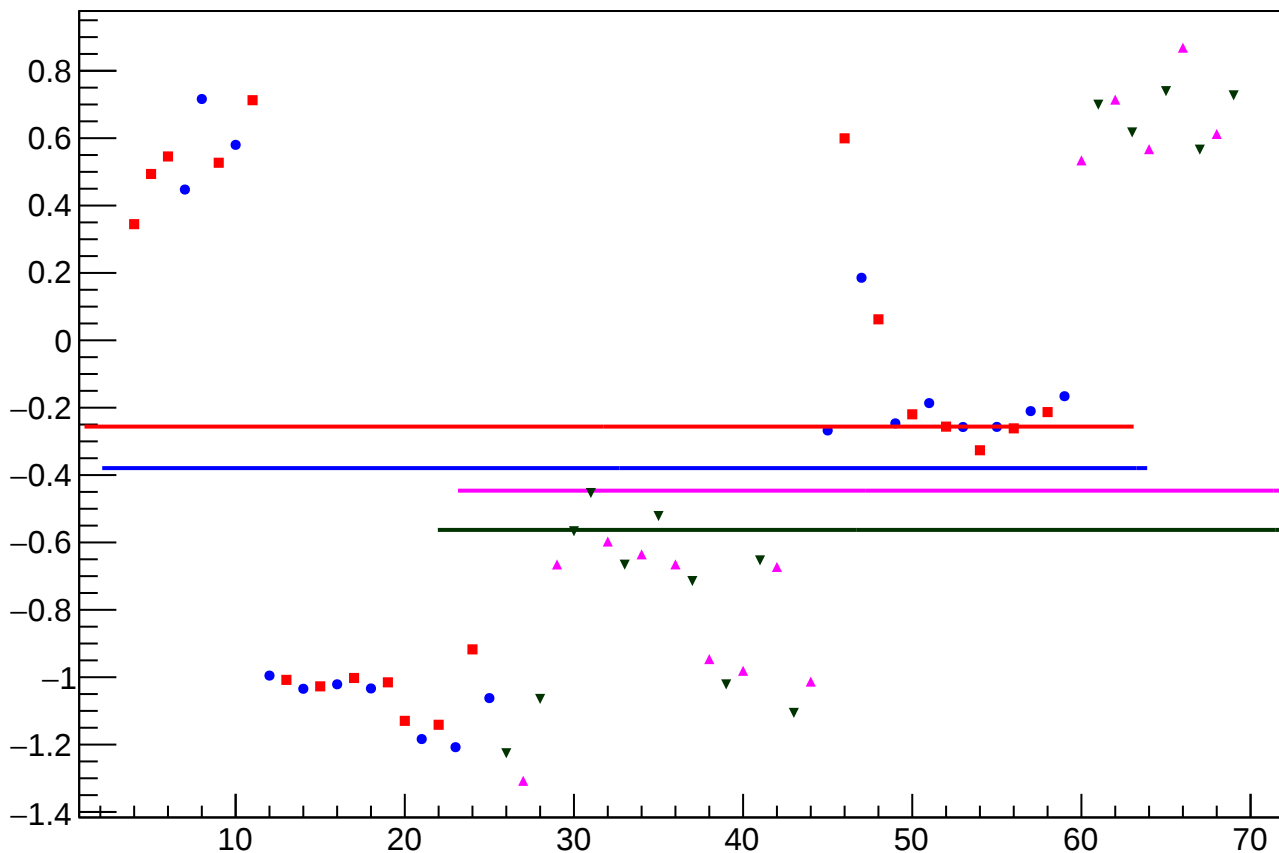
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.007+/-0.000 χ^2/NDF :1060054.3/13

0.008+/-0.000 χ^2/NDF : 1803466.4/32

0.008+/-0.000 χ^2/NDF : 1581247.0/32

yield_bpm0l02X_mean vs slug



Right In: -0.379 ± 0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.563 ± 0.000 χ^2/NDF : 16278079113.0/14

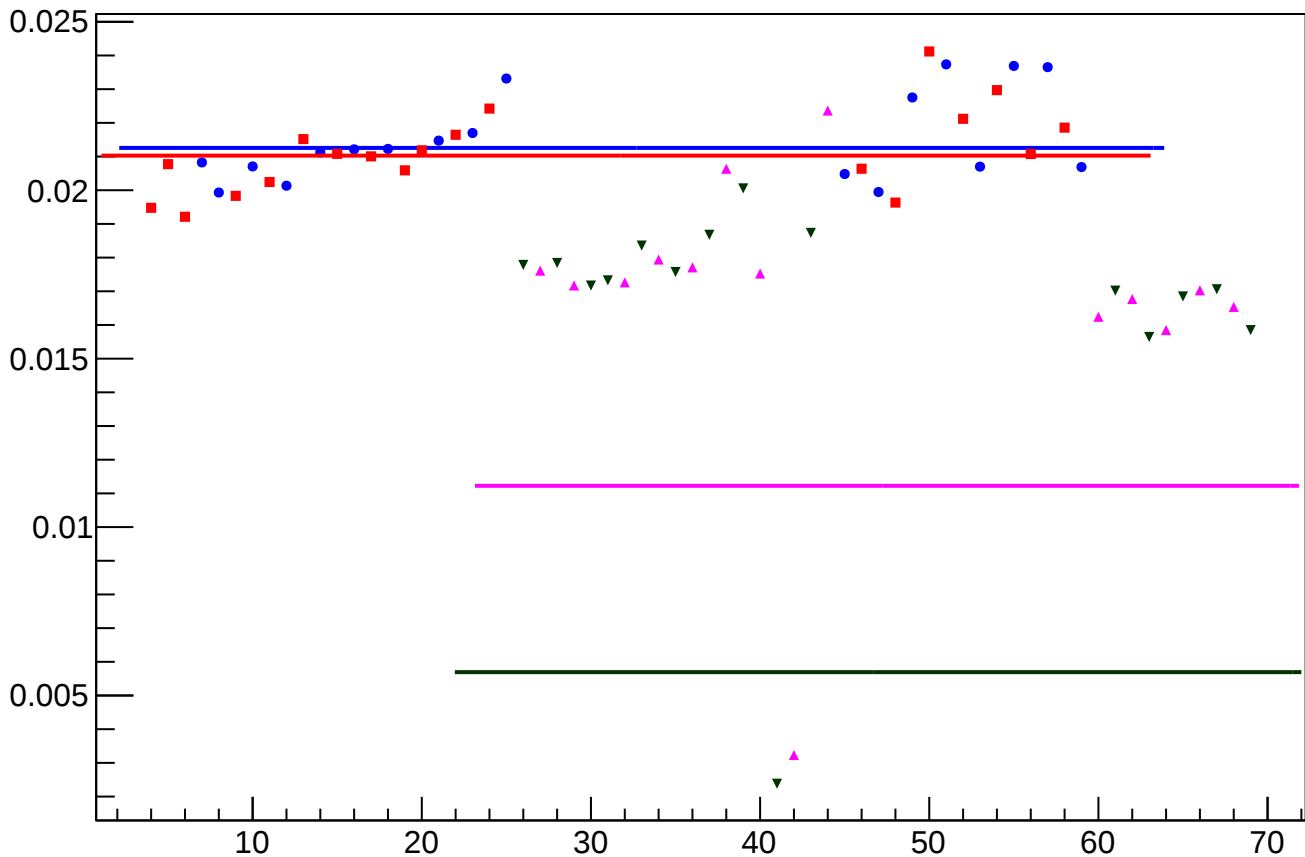
Right Out: -0.256 ± 0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.446 ± 0.000 χ^2/NDF : 15944865476.4/13

-0.528 ± 0.000 χ^2/NDF : 27081678742.9/32

-0.383 ± 0.000 χ^2/NDF : 26579682471.0/32

yield_bpm0l02X_rms vs slug



Right In: 0.021 $\pm$ 0.000 χ^2 /NDF: 64142.6/17

Left Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 8270651.4/14

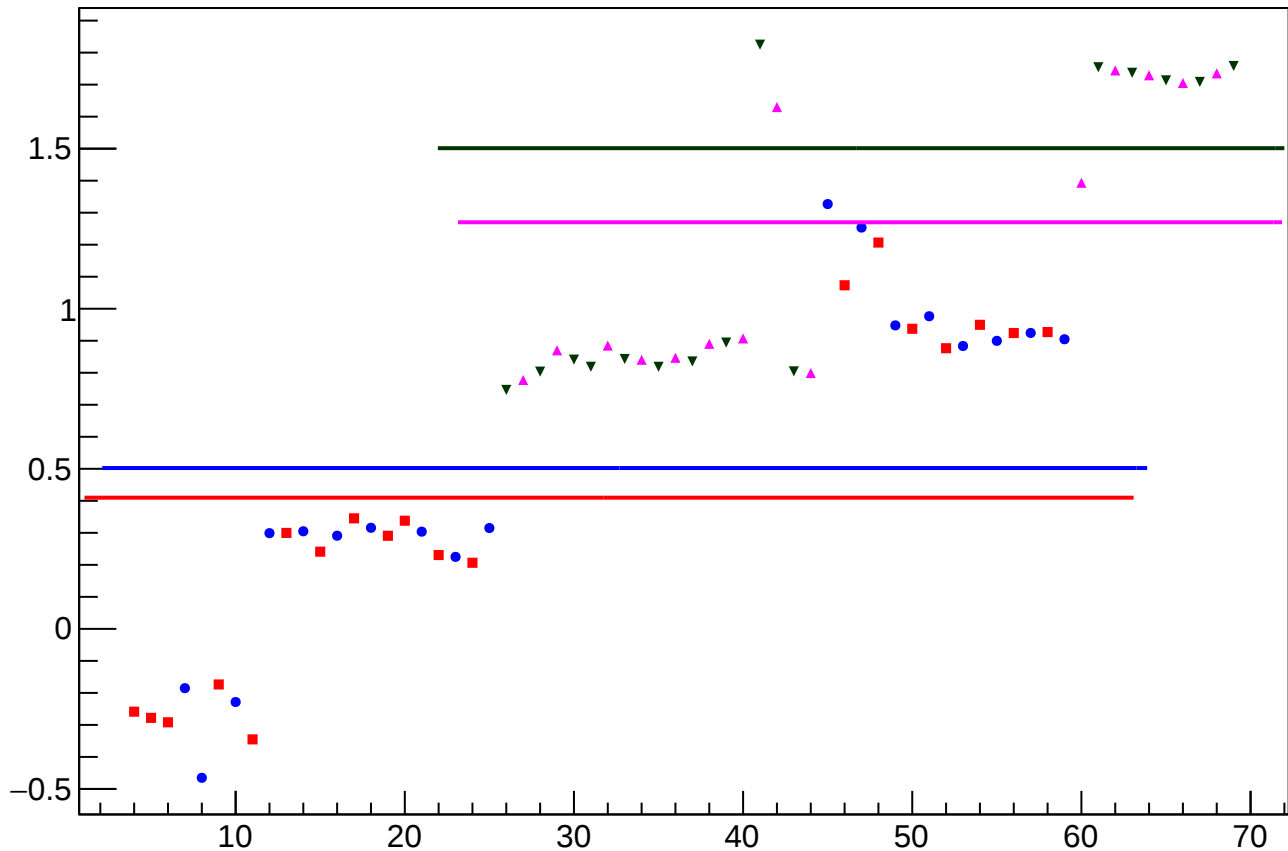
Right Out: 0.021 $\pm$ 0.000 χ^2 /NDF: 62886.6/18

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 4479866.2/13

0.009 $\pm$ 0.000 χ^2 /NDF: 17933366.2/32

0.014 $\pm$ 0.000 χ^2 /NDF: 7367341.1/32

yield_bpm0l02Y_mean vs slug



Right In: 0.502 ± 0.000 χ^2/NDF : 19155654908.3/17

Left Out: 1.502 ± 0.000 χ^2/NDF : 21997064643.5/14

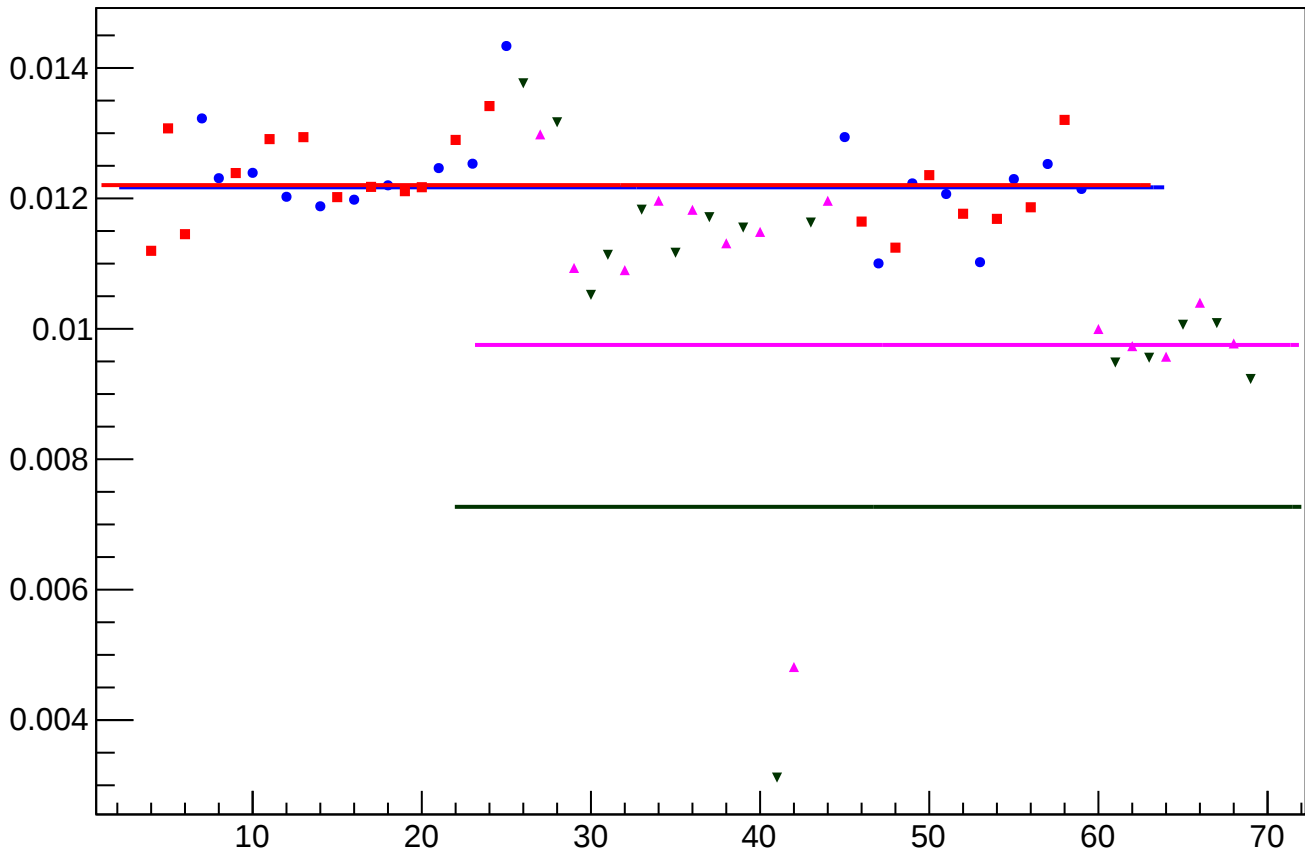
Right Out: 0.410 ± 0.000 χ^2/NDF : 16439315084.0/18

Left In: 1.270 ± 0.000 χ^2/NDF : 12849728969.1/13

1.101 ± 0.000 χ^2/NDF : 85369954925.6/32

0.880 ± 0.000 χ^2/NDF : 55439505154.9/32

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:3449055.7/14

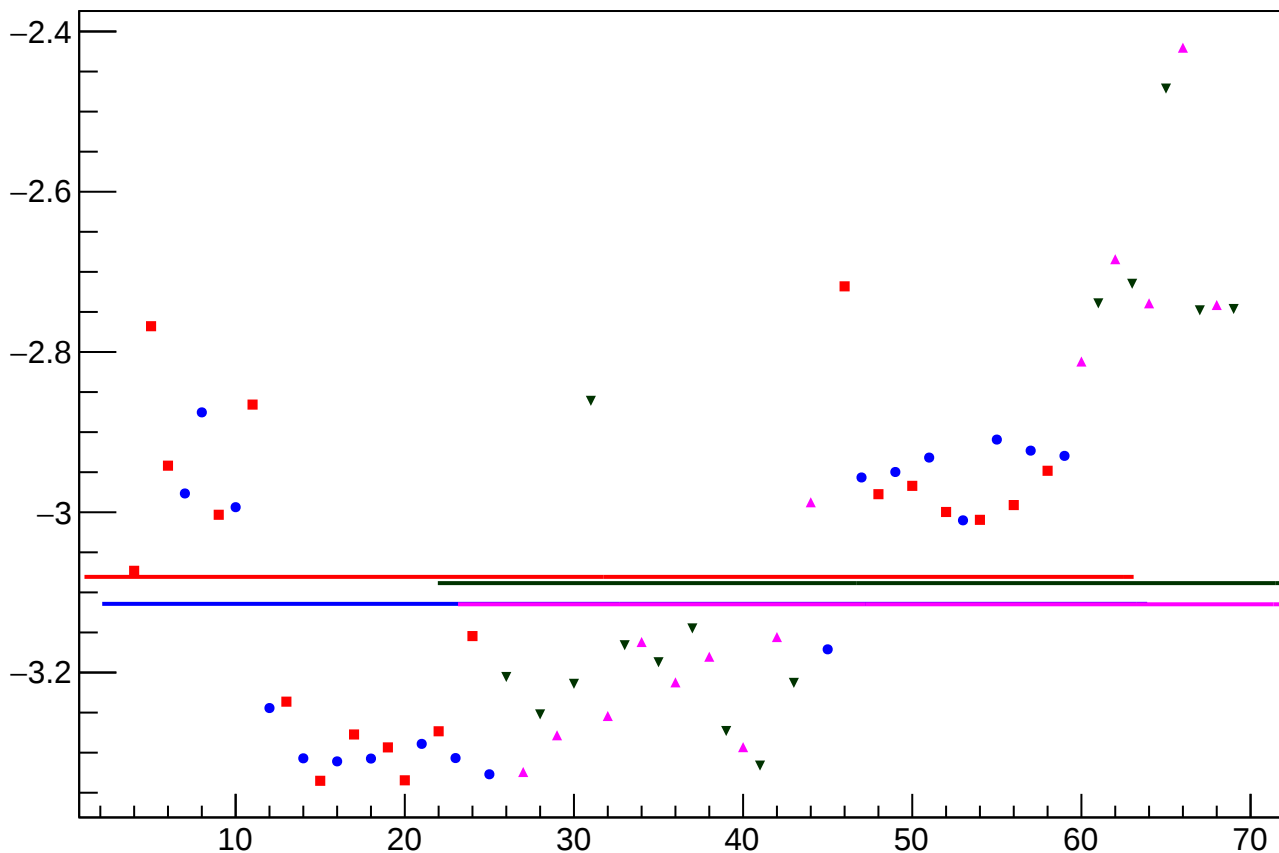
0.009 $\pm$ 0.000 χ^2 /NDF: 5621431.5/32

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1462302.8/32

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:984652.8/13

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -3.088+/-0.000 χ^2/NDF : 7630744367.7/14

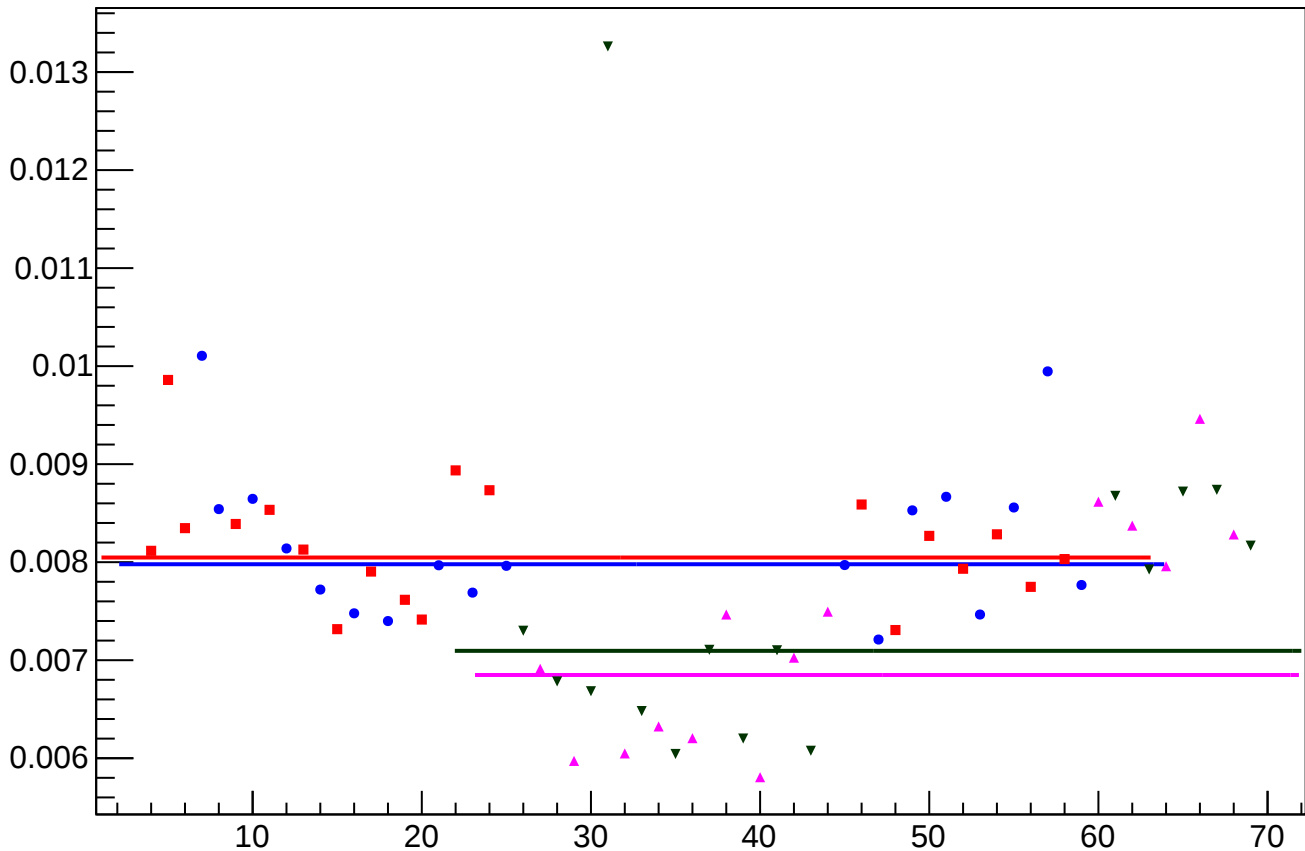
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.115+/-0.000 χ^2/NDF : 8767748247.7/13

-3.102+/-0.000 χ^2/NDF : 12305430139.8/32

-3.099+/-0.000 χ^2/NDF : 12688743420.9/32

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 : 327810.4/14

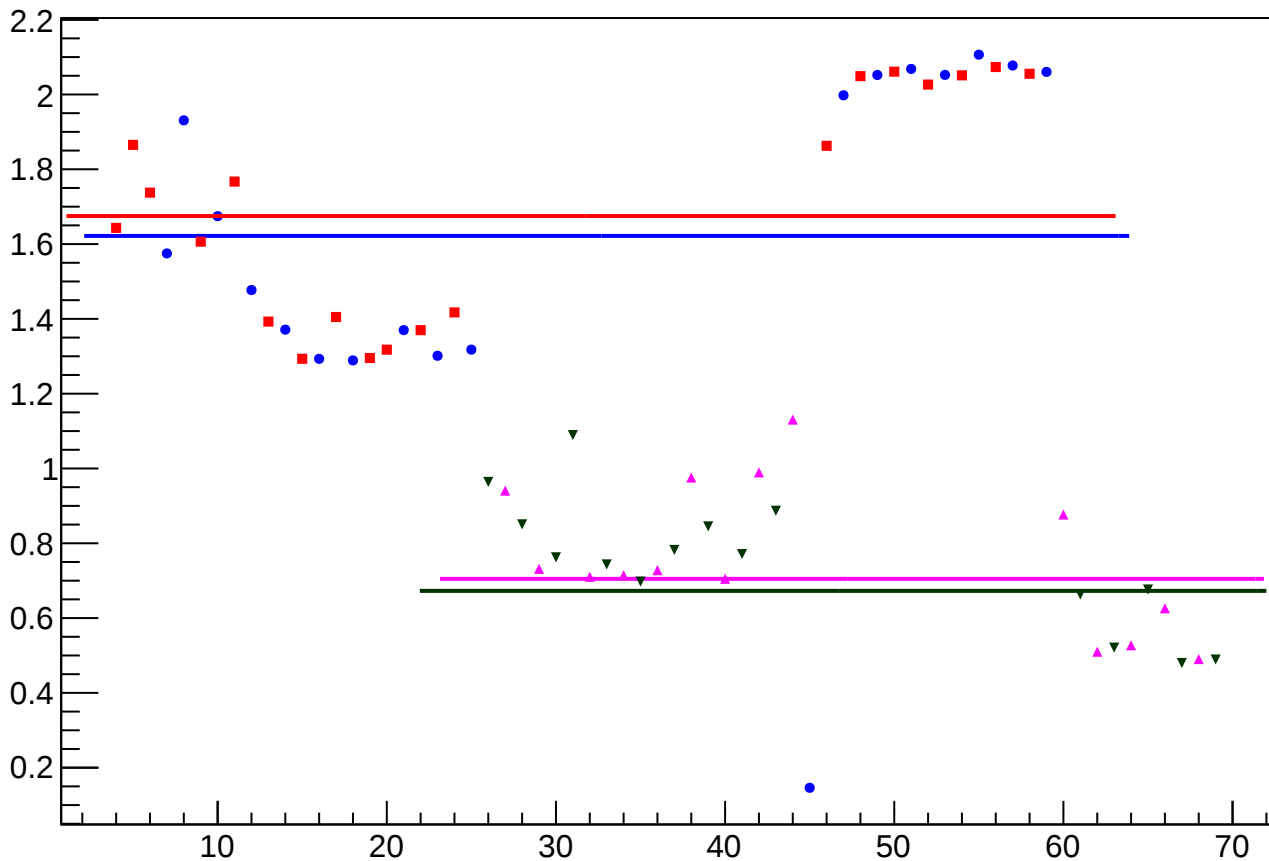
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 307602.4/13

0.008+/-0.000 χ^2/NDF : 532736.2/32

0.007+/-0.000 χ^2/NDF : 565510.7/32

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.673 $\pm$ 0.000 χ^2 /NDF:2723442831.5/14

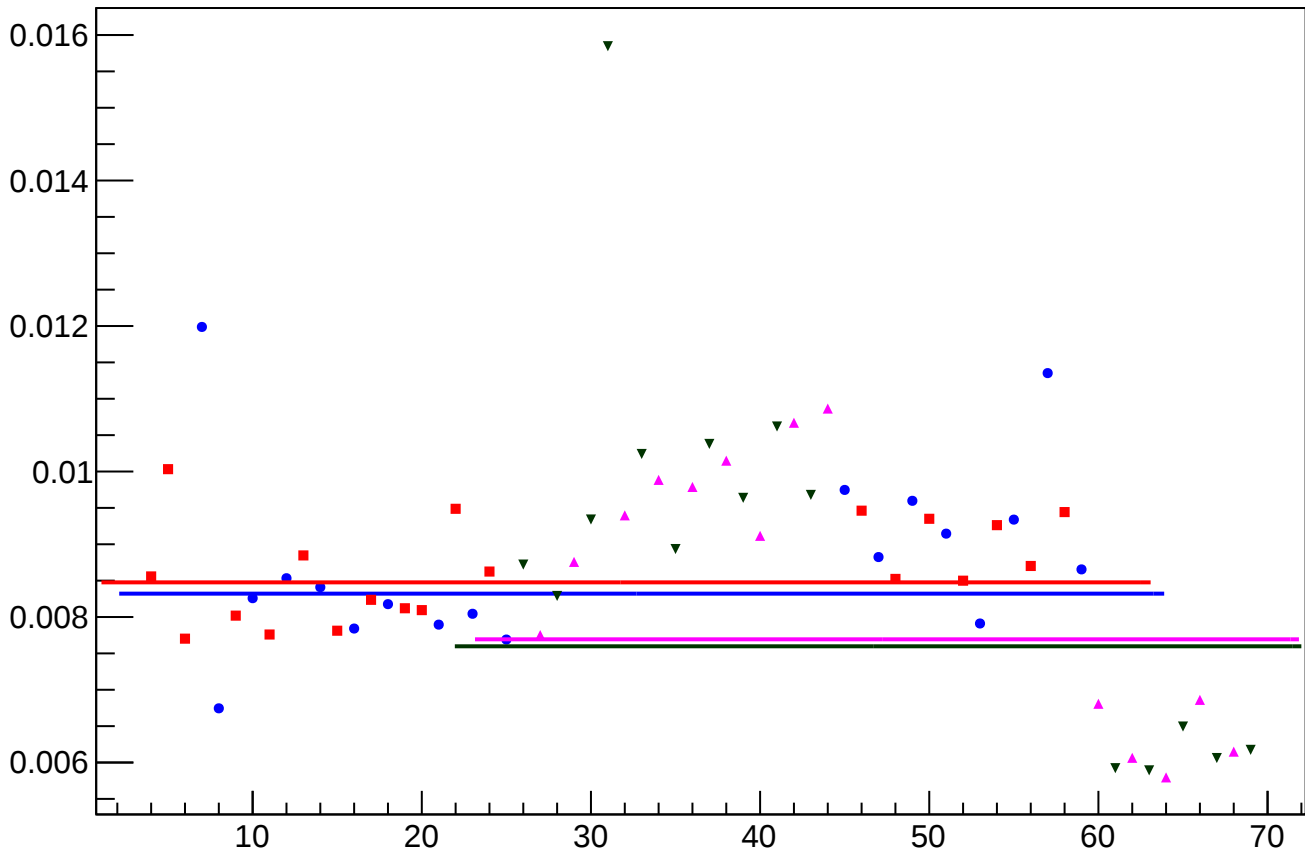
1.197 $\pm$ 0.000 χ^2 /NDF: 83256243974.5/32

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.184 $\pm$ 0.000 χ^2 /NDF: 67859114507.1/32

Left In: 0.705 $\pm$ 0.000 χ^2 /NDF:3782282649.9/13

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 : 793248.9/14

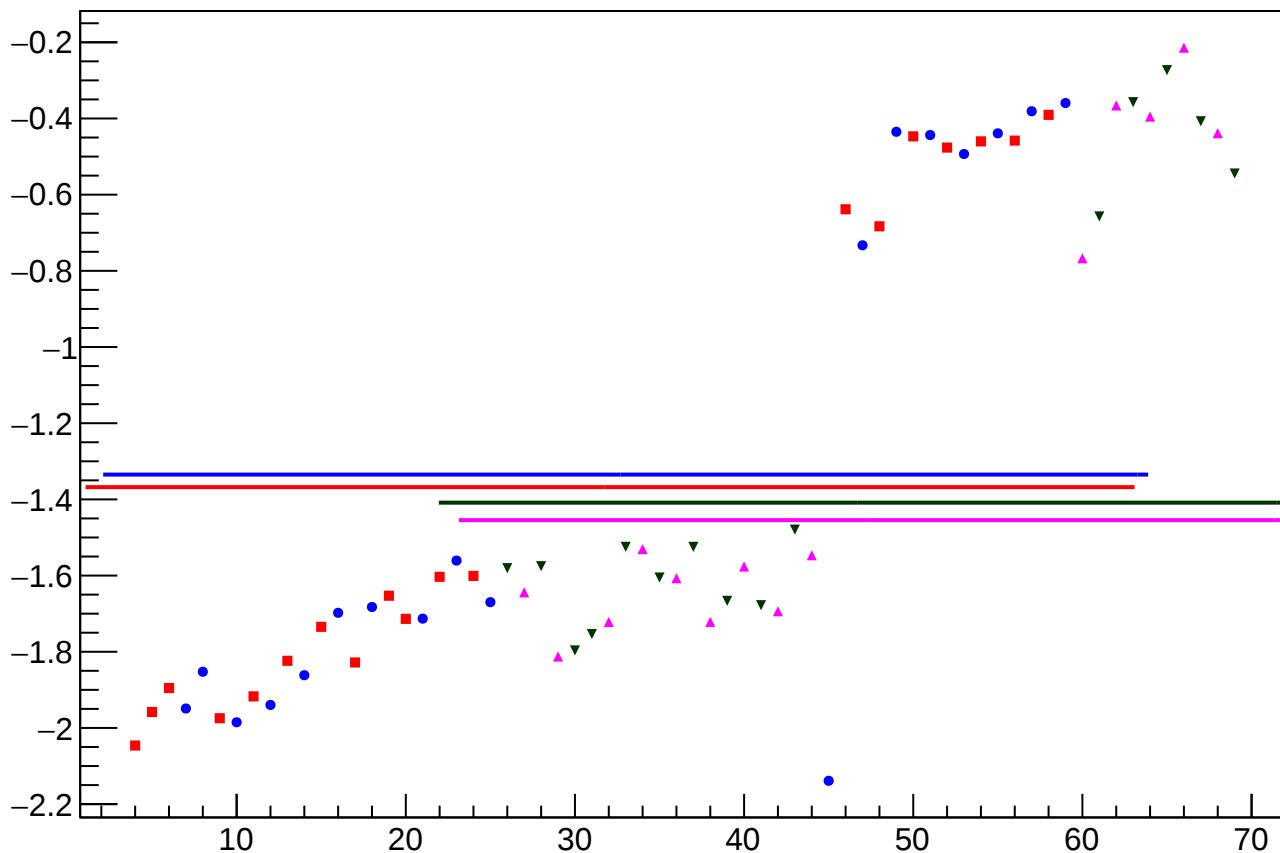
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.008+/-0.000 χ^2/NDF : 629826.6/13

0.008+/-0.000 χ^2/NDF : 1087939.6/32

0.008+/-0.000 χ^2/NDF : 780670.7/32

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.409+/-0.000 χ^2/NDF : 9227198199.8/14

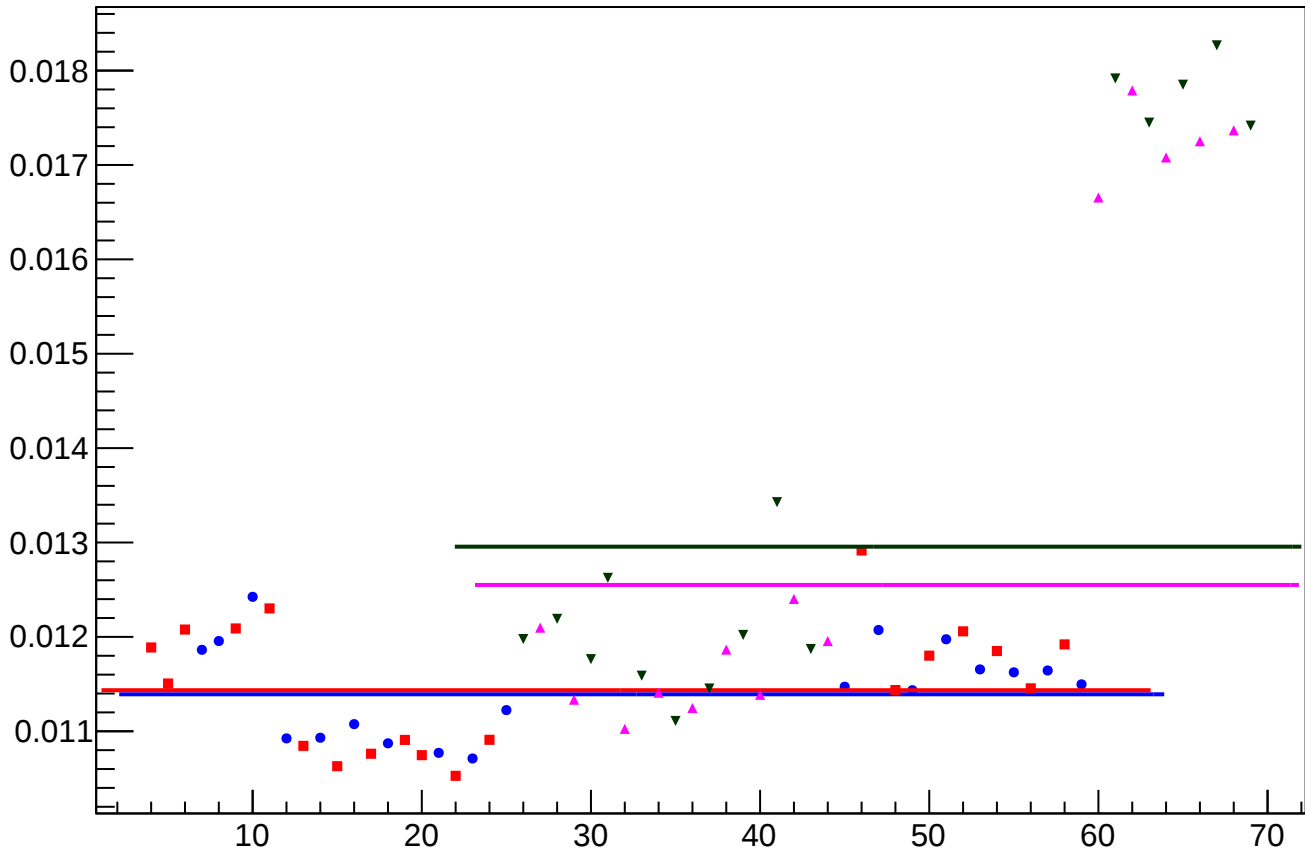
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.454+/-0.000 χ^2/NDF : 11454939655.7/13

-1.360+/-0.000 χ^2/NDF : 47782869513.9/32

-1.403+/-0.000 χ^2/NDF : 40738544338.2/32

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 41989.4/17

Left Out: 0.013+/-0.000 χ^2/NDF :459479.6/14

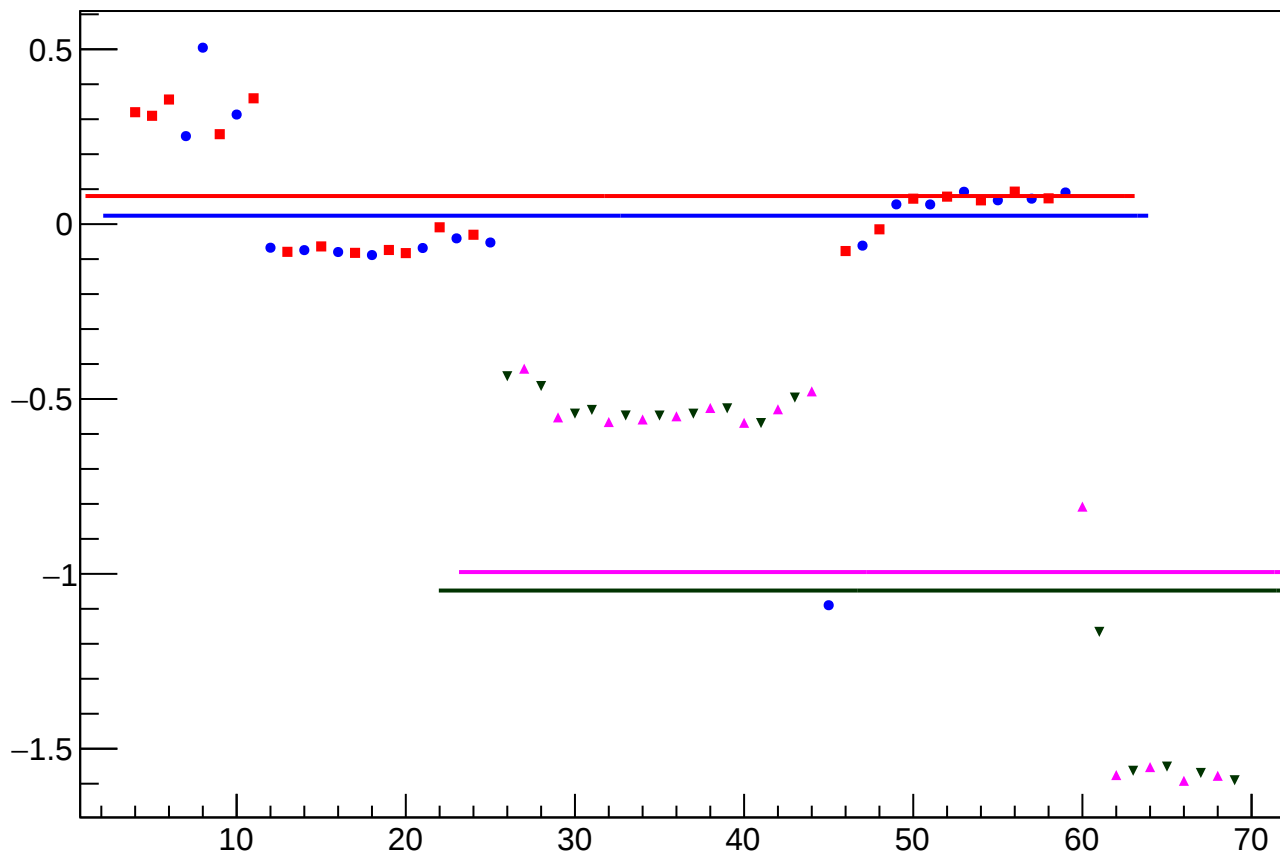
0.012+/-0.000 χ^2/NDF : 644322.8/32

Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

0.012+/-0.000 χ^2/NDF : 614959.8/32

Left In: 0.013+/-0.000 χ^2/NDF :474459.3/13

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -1.048+/-0.000 χ^2/NDF : 43404985314.3/14

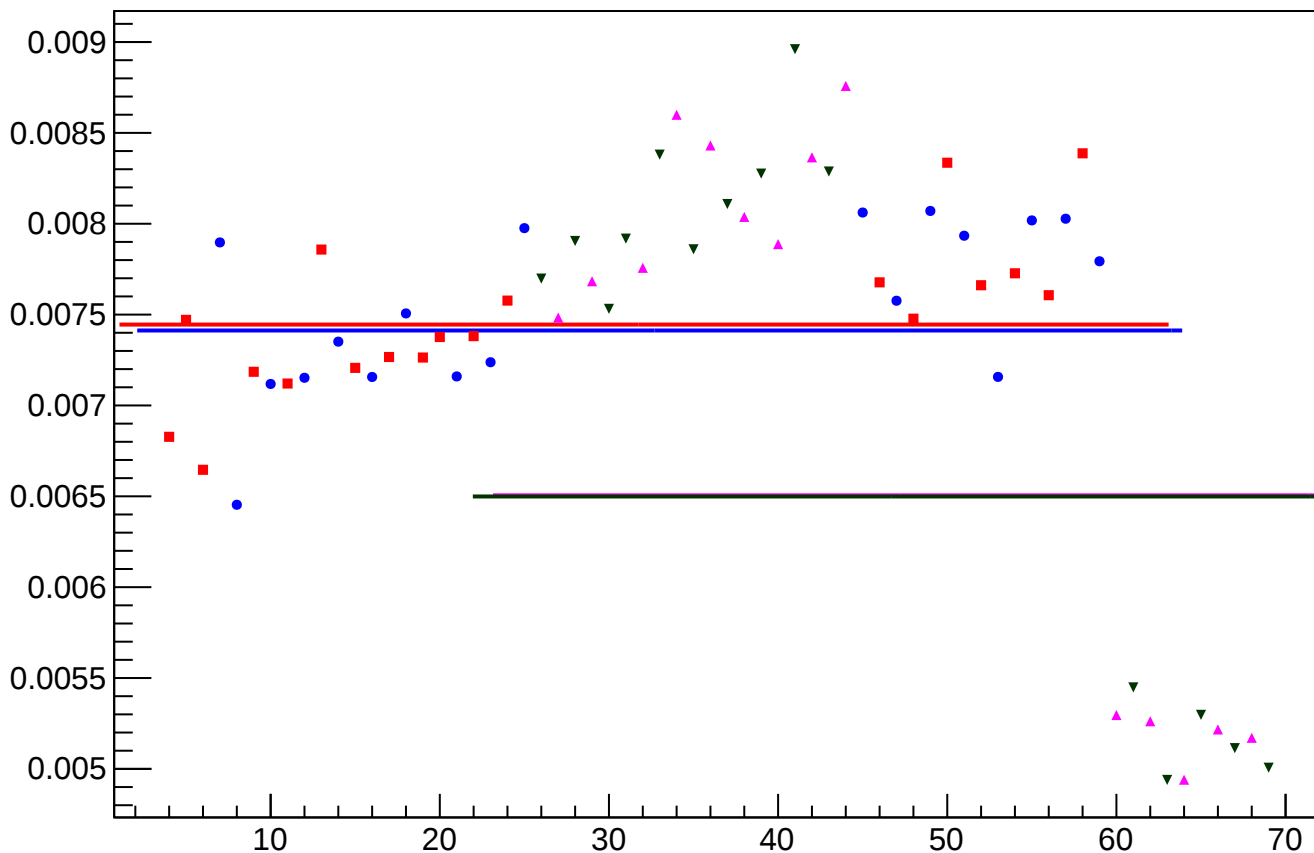
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -0.995+/-0.000 χ^2/NDF : 45794316416.1/13

-0.470+/-0.000 χ^2/NDF : 166637331194.3/32

-0.471+/-0.000 χ^2/NDF : 152655741335.0/32

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 91120.7/17

Left Out: 0.006+/-0.000 χ^2/NDF : 753721.2/14

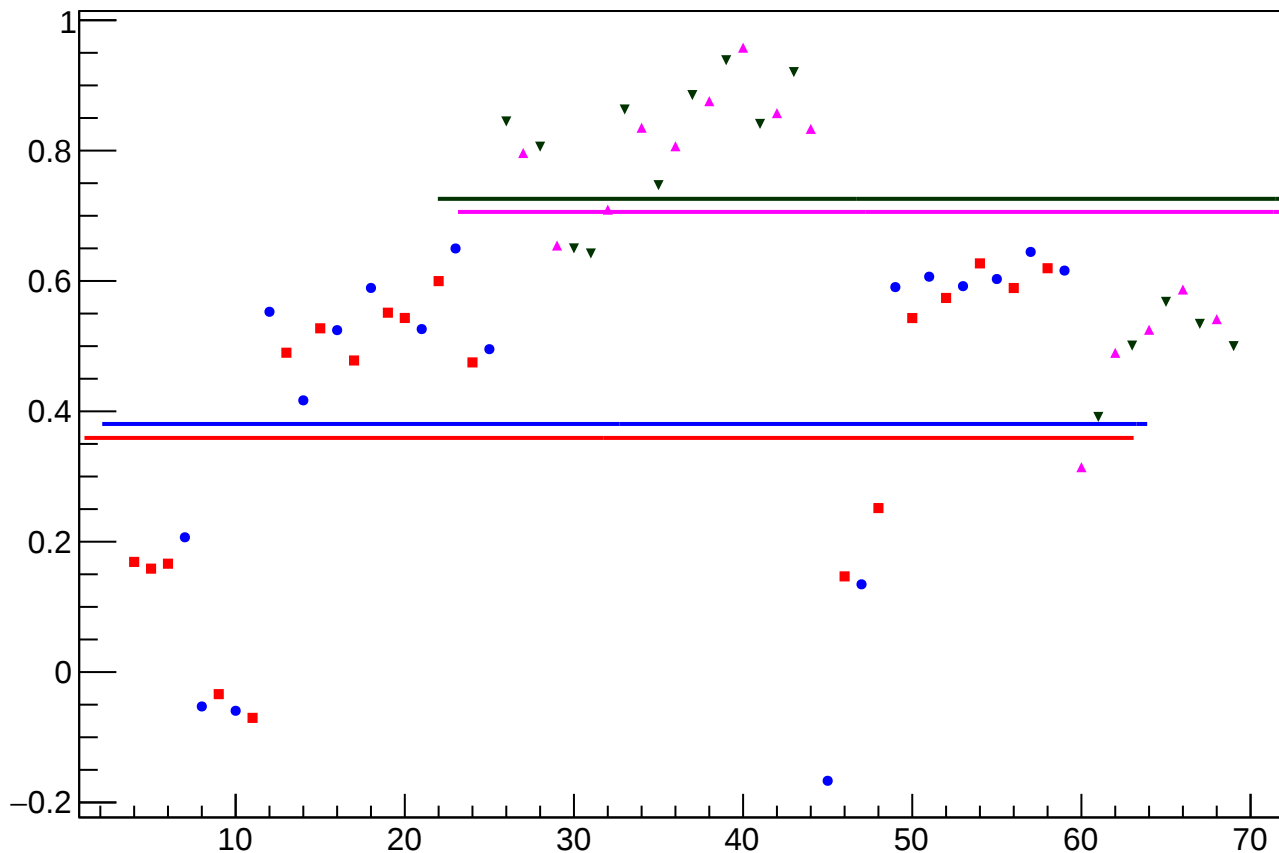
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.007+/-0.000 χ^2/NDF : 749330.8/13

0.007+/-0.000 χ^2/NDF : 997361.5/32

0.007+/-0.000 χ^2/NDF : 966659.5/32

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.726+/-0.000 χ^2/NDF : 4038634099.1/14

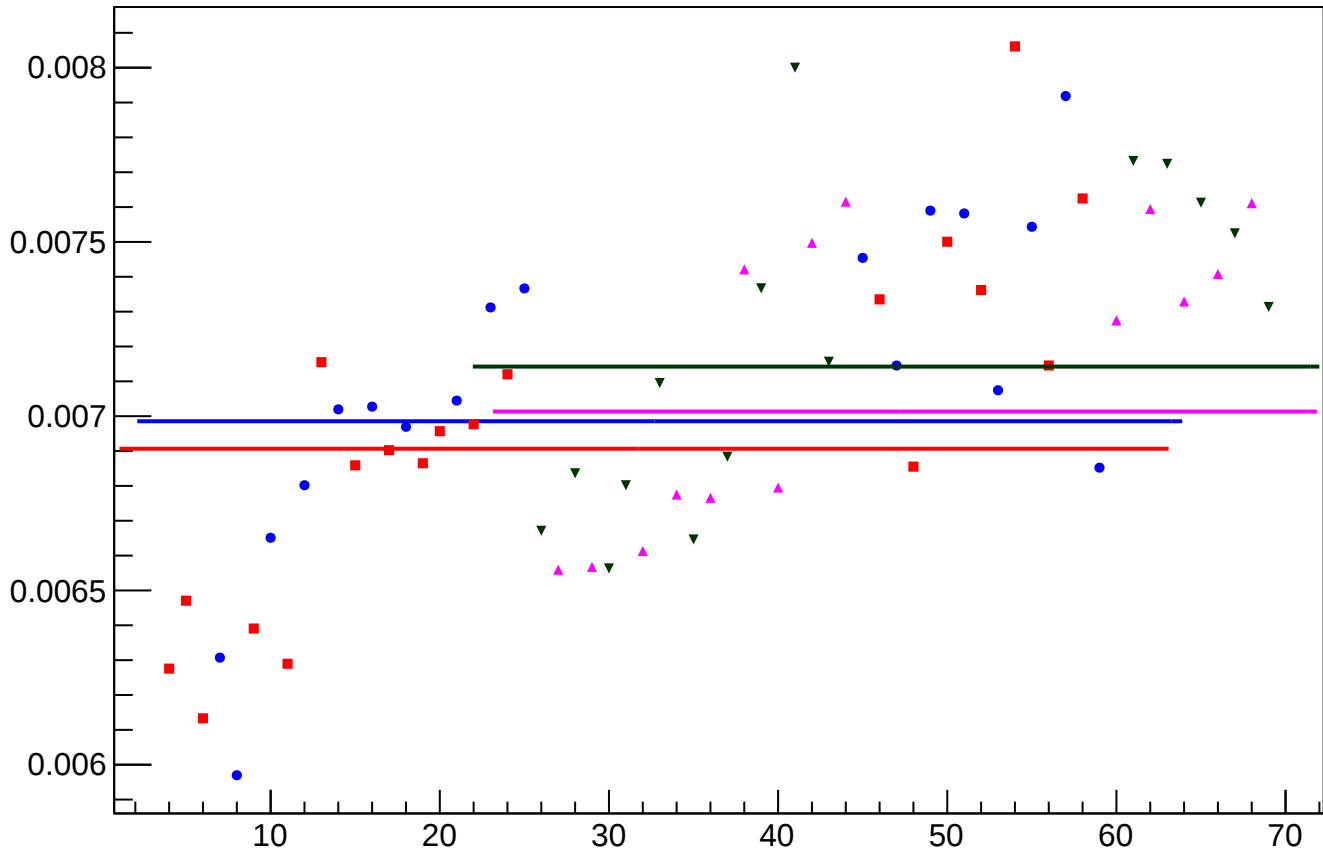
0.519+/-0.000 χ^2/NDF : 32513182369.2/32

Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

0.514+/-0.000 χ^2/NDF : 27191498931.2/32

Left In: 0.706+/-0.000 χ^2/NDF : 4382741548.6/13

yield_bpm0l05X_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 107156.0/17

Left Out: 0.007 ± 0.000 χ^2/NDF : 56632.9/14

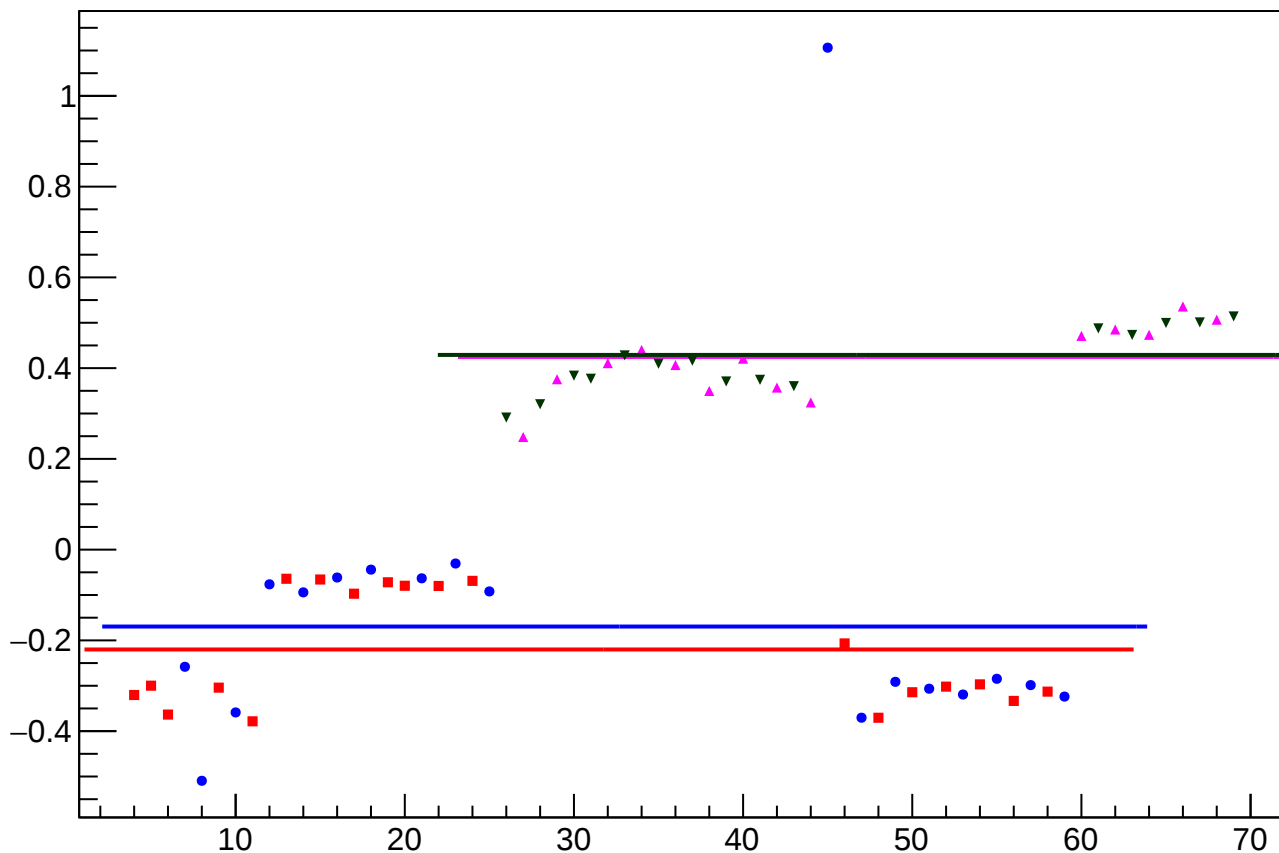
0.007 ± 0.000 χ^2/NDF : 168206.5/32

Right Out: 0.007 ± 0.000 χ^2/NDF : 97555.6/18

0.007 ± 0.000 χ^2/NDF : 157034.9/32

Left In: 0.007 ± 0.000 χ^2/NDF : 57414.6/13

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.429+/-0.000 χ^2/NDF :1401309017.6/14

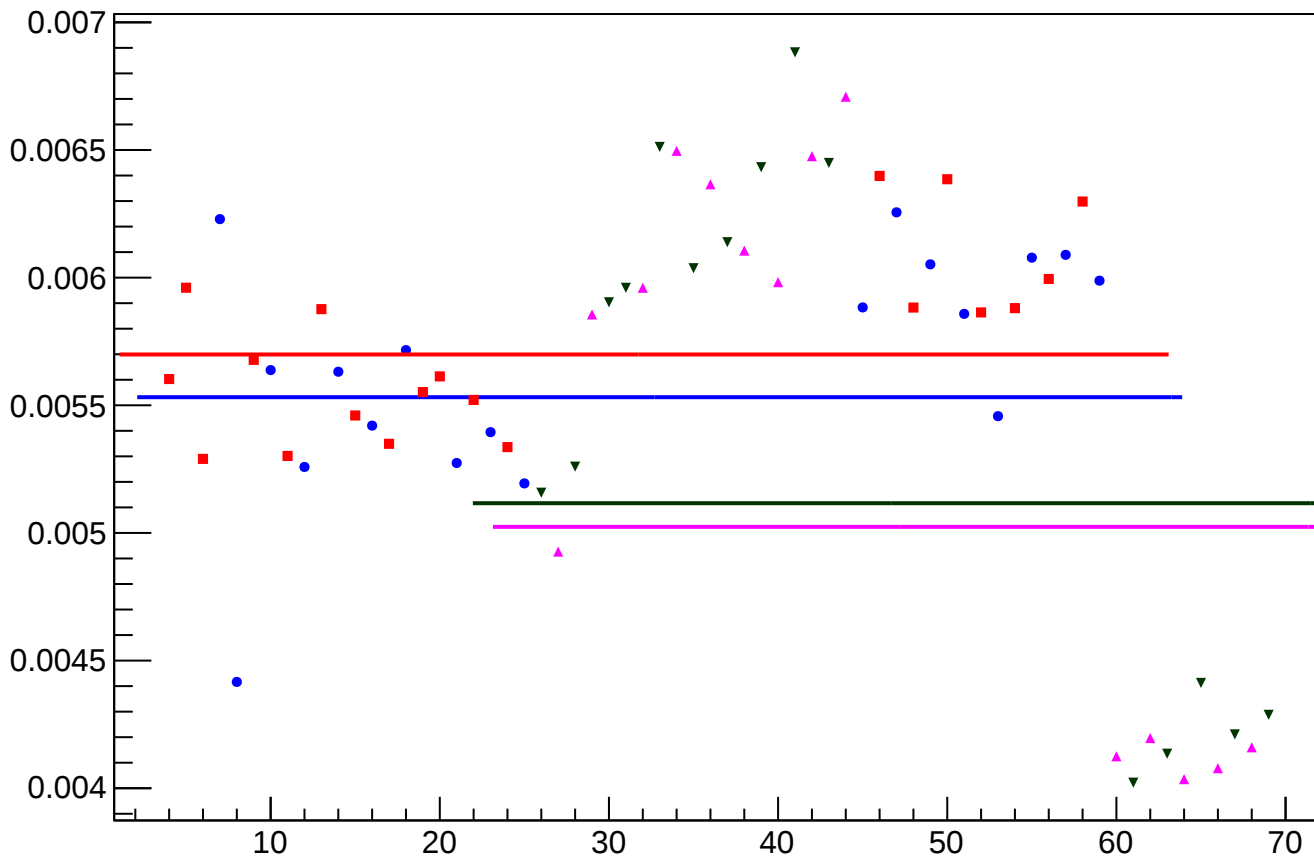
0.093+/-0.000 χ^2/NDF : 93922052273.9/32

Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

0.109+/-0.000 χ^2/NDF : 69059096292.8/32

Left In: 0.425+/-0.000 χ^2/NDF :2183111192.8/13

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 : 519655.4/14

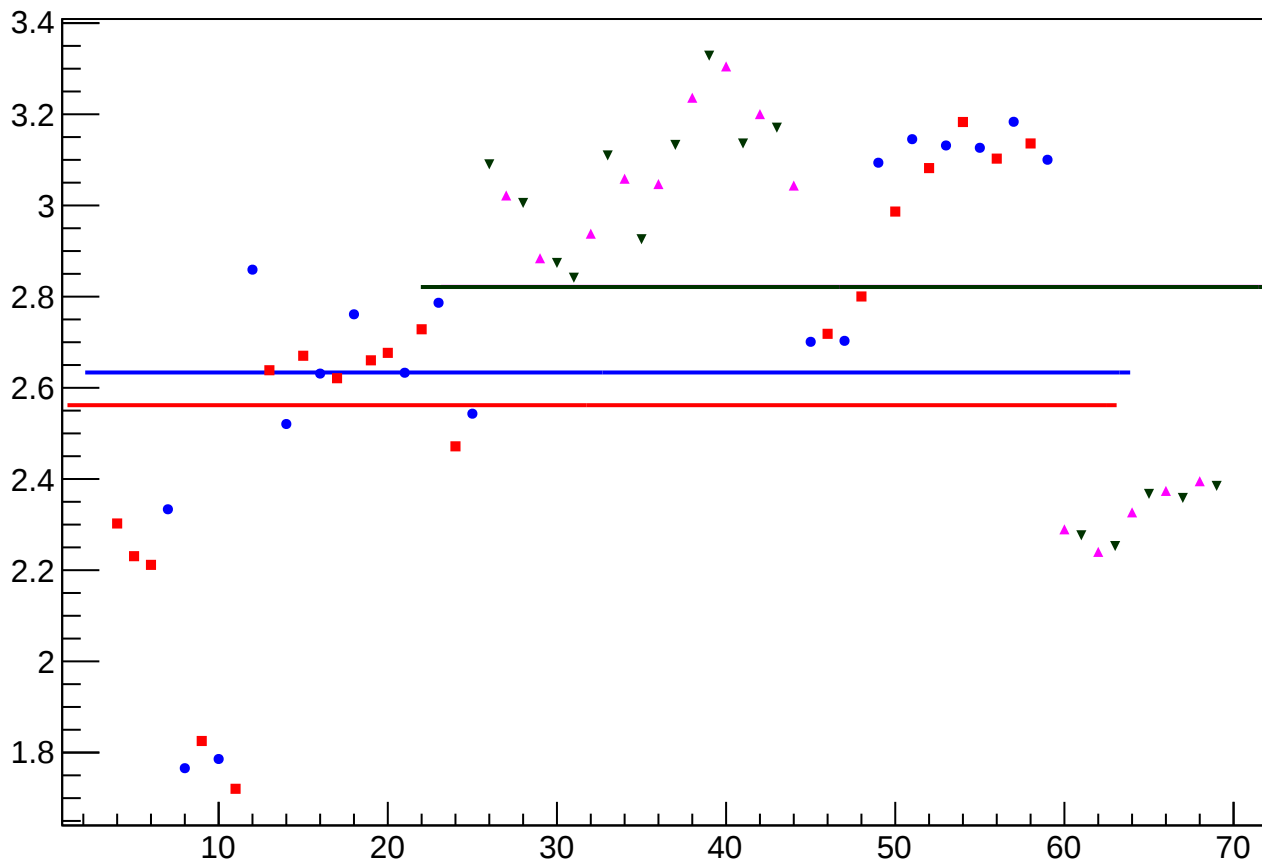
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 588680.3/13

0.005+/-0.000 χ^2/NDF : 759945.1/32

0.005+/-0.000 χ^2/NDF : 791465.3/32

yield_bpm0l06X_mean vs slug



Right In: 2.634 $\pm$ 0.000 χ^2 /NDF: 15879791998.3/17

Left Out: 2.821 $\pm$ 0.000 χ^2 /NDF:10652281535.0/14

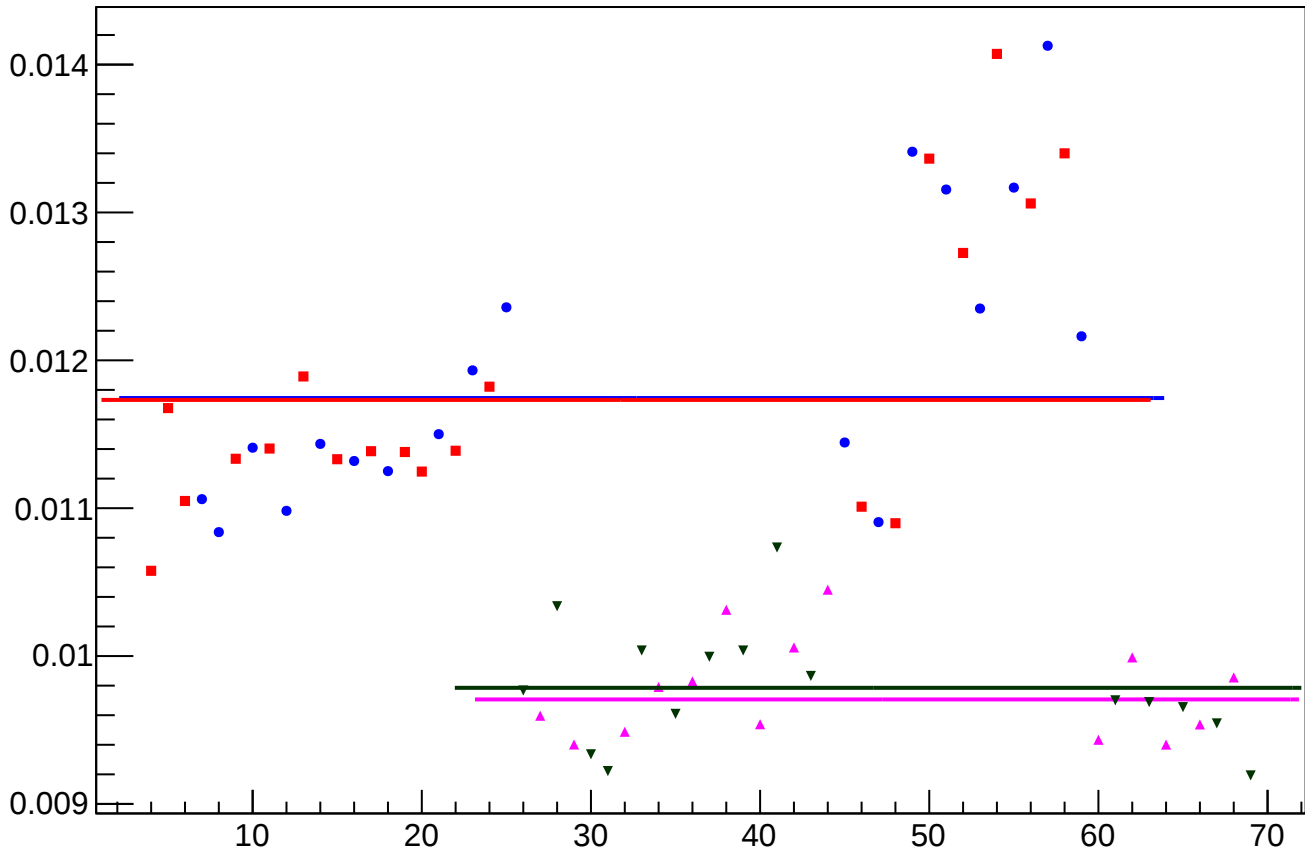
Right Out: 2.562 $\pm$ 0.000 χ^2 /NDF: 12349960173.0/18

Left In: 2.821 $\pm$ 0.000 χ^2 /NDF:10834414973.0/13

2.728 $\pm$ 0.000 χ^2 /NDF: 27931803481.4/32

2.705 $\pm$ 0.000 χ^2 /NDF: 25776159214.2/32

yield_bpm0l06X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 117347.2/17

Left Out: 0.010 $\pm$ 0.000 χ^2/NDF : 25301.5/14

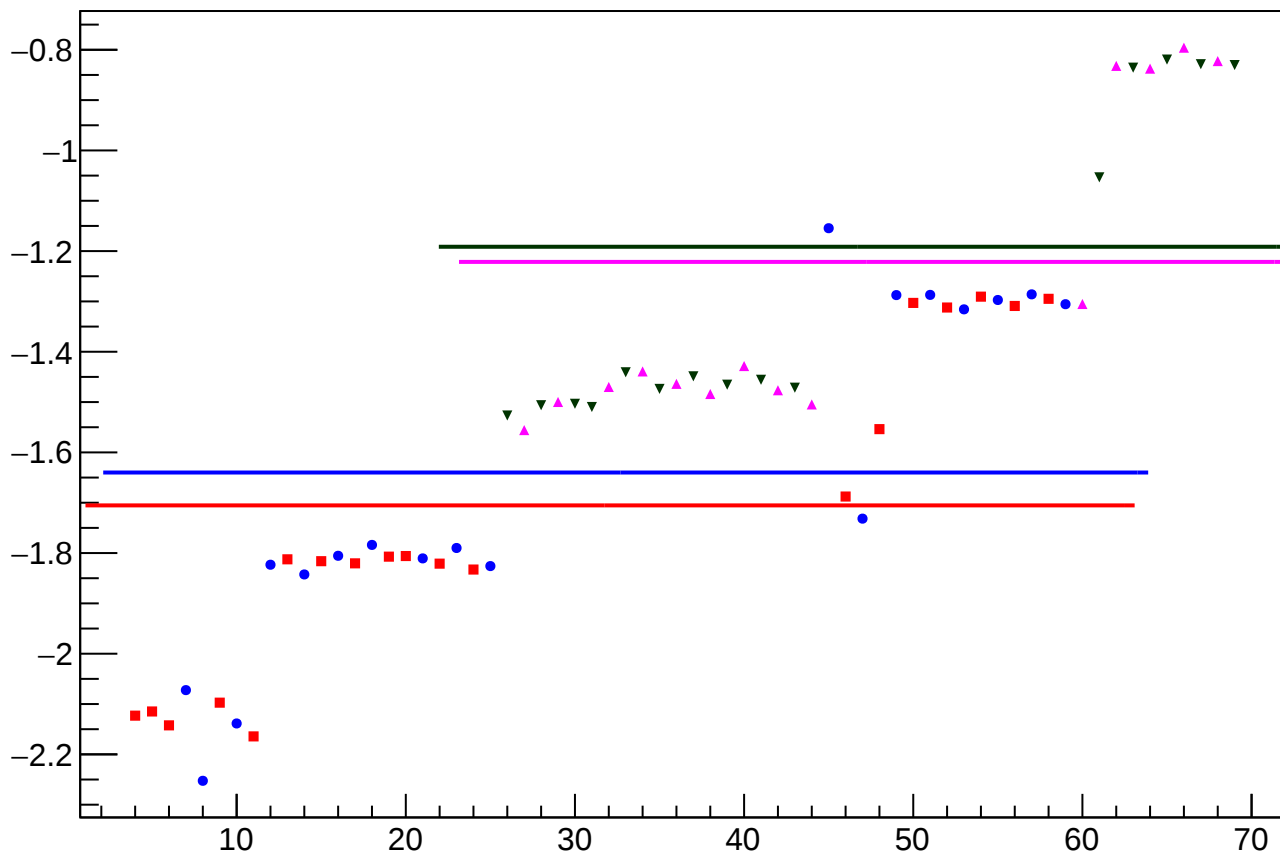
Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 107336.5/18

Left In: 0.010 $\pm$ 0.000 χ^2/NDF : 16652.6/13

0.011 $\pm$ 0.000 χ^2/NDF : 448528.5/32

0.011 $\pm$ 0.000 χ^2/NDF : 439626.8/32

yield_bpm0l06Y_mean vs slug



Right In: -1.640 ± 0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.191 ± 0.000 χ^2/NDF : 32646850808.9/14

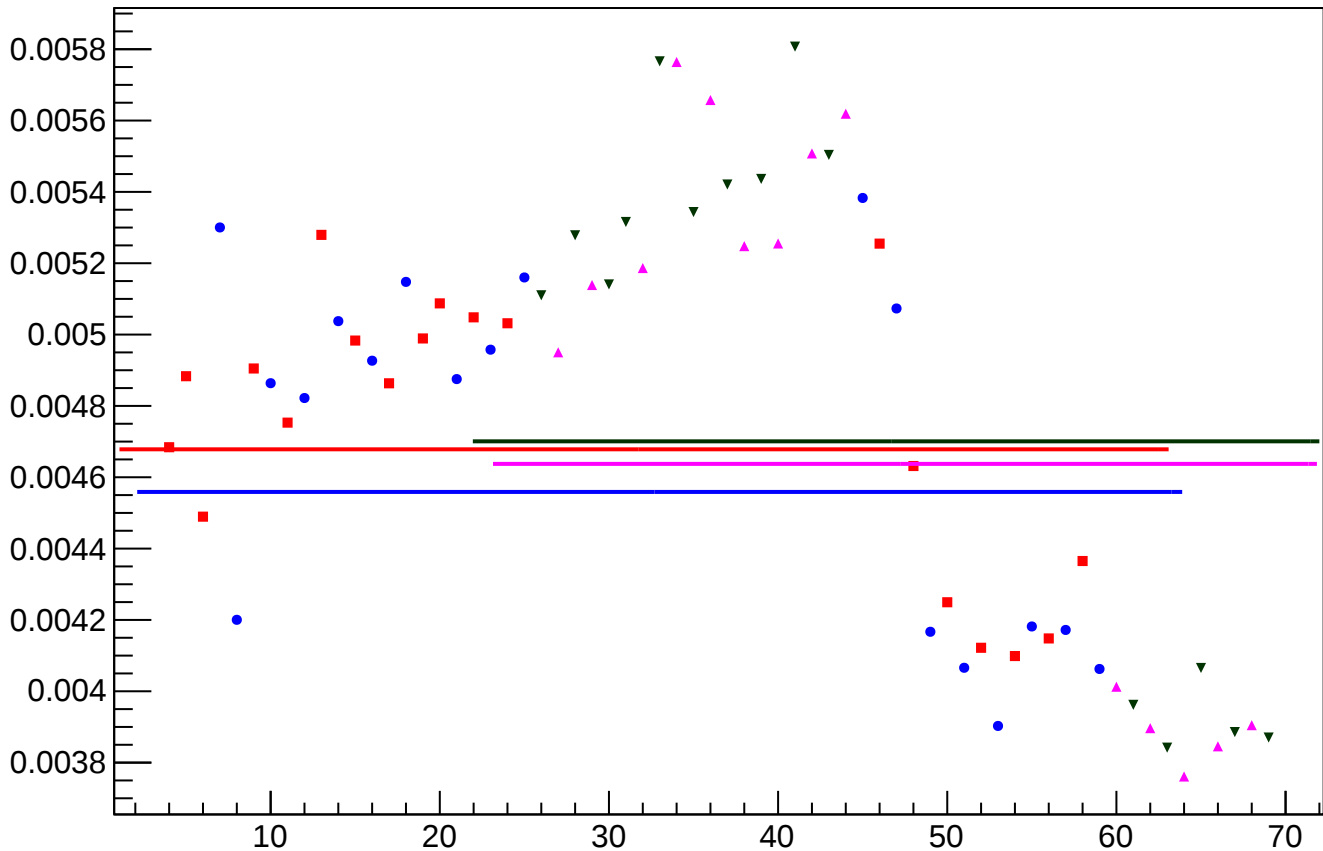
Right Out: -1.705 ± 0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.221 ± 0.000 χ^2/NDF : 36416756995.7/13

-1.465 ± 0.000 χ^2/NDF : 137443217436.8/32

-1.485 ± 0.000 χ^2/NDF : 128475460003.3/32

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 : 381766.5/14

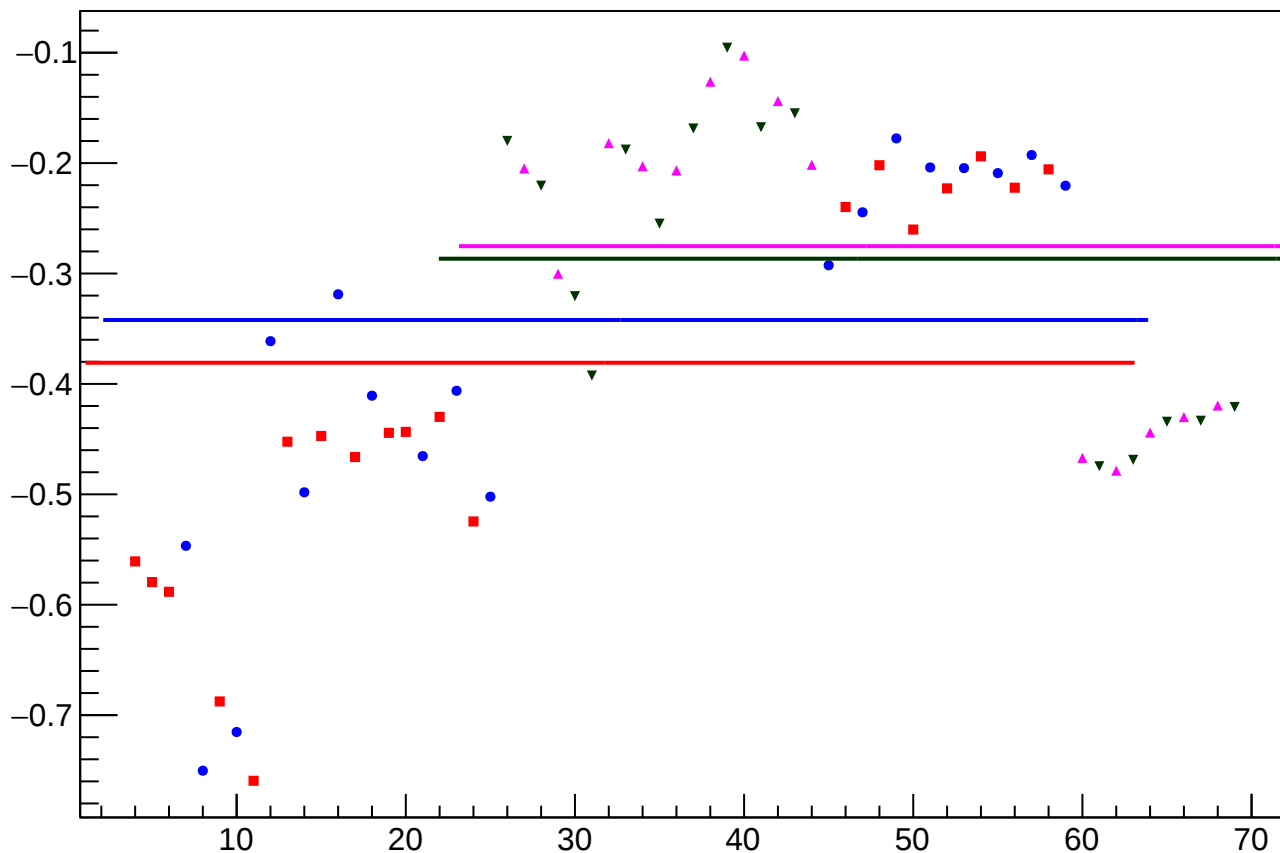
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.005+/-0.000 χ^2/NDF : 391855.2/13

0.005+/-0.000 χ^2/NDF : 618547.7/32

0.005+/-0.000 χ^2/NDF : 528945.0/32

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.287+/-0.000 χ^2/NDF : 585692585.6/14

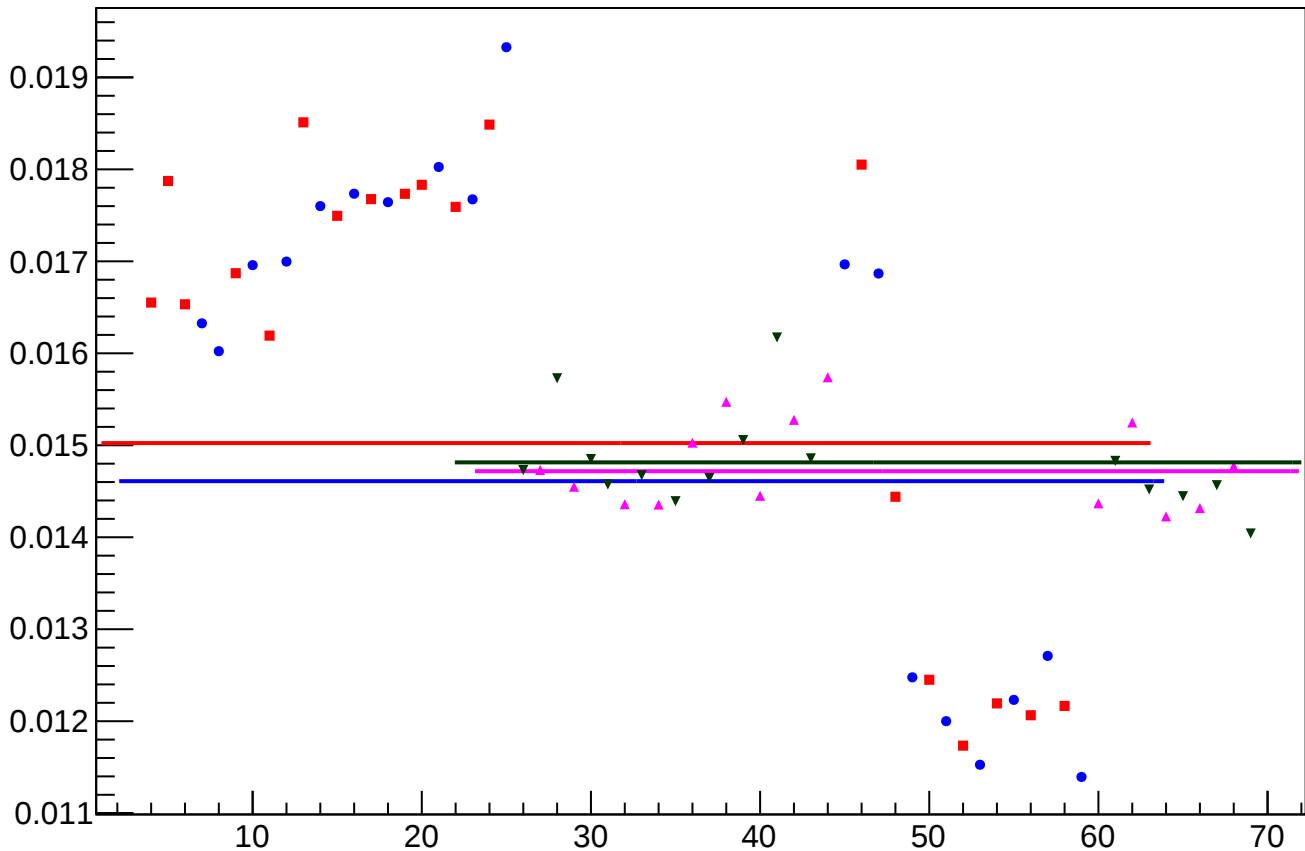
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.275+/-0.000 χ^2/NDF : 609946125.1/13

-0.319+/-0.000 χ^2/NDF : 2319257026.2/32

-0.331+/-0.000 χ^2/NDF : 2216647875.9/32

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 : 18905.1/14

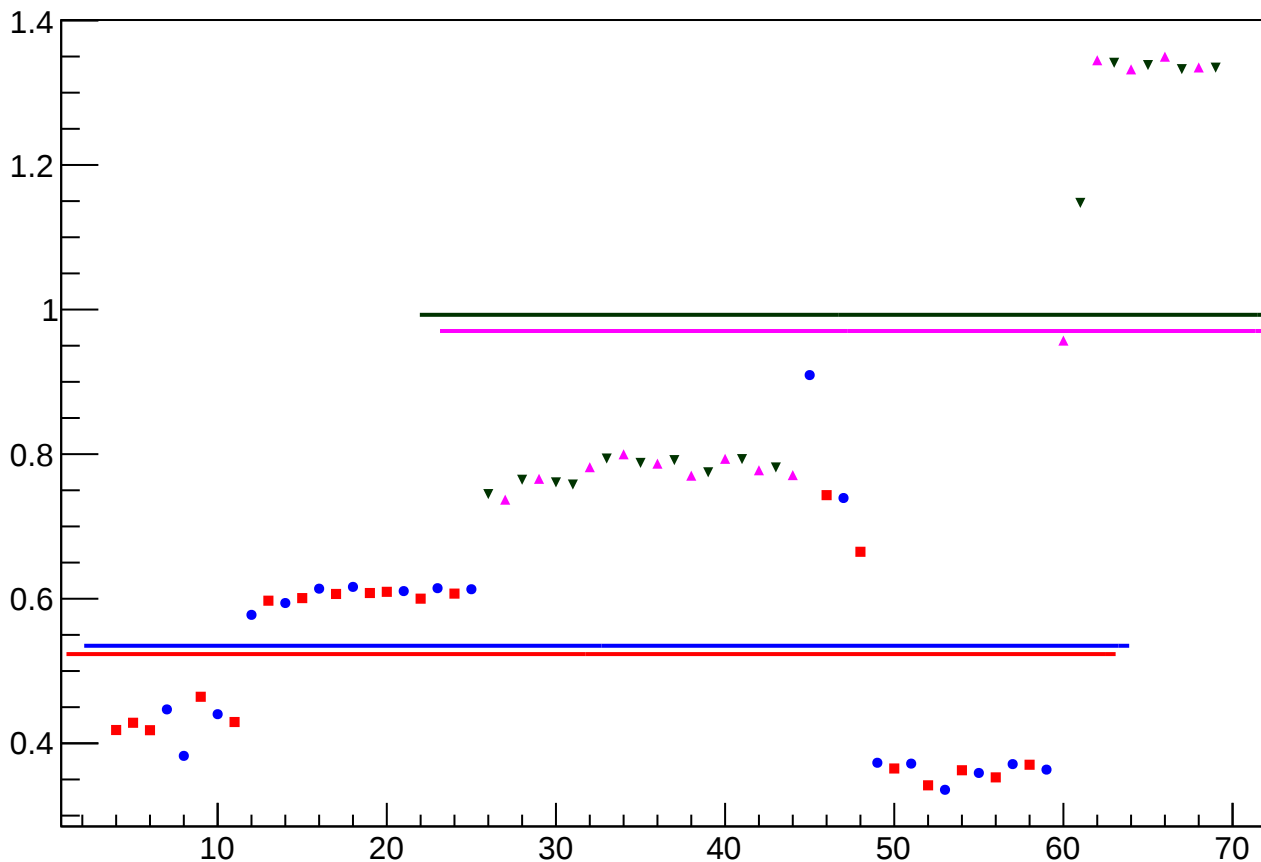
Right Out: 0.015 ± 0.000 χ^2/NDF : 573783.3/18

Left In: 0.015 ± 0.000 χ^2/NDF : 14752.0/13

0.015 ± 0.000 χ^2/NDF : 732560.0/32

0.015 ± 0.000 χ^2/NDF : 592217.8/32

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 0.993+/-0.000 χ^2/NDF : 57889140179.4/14

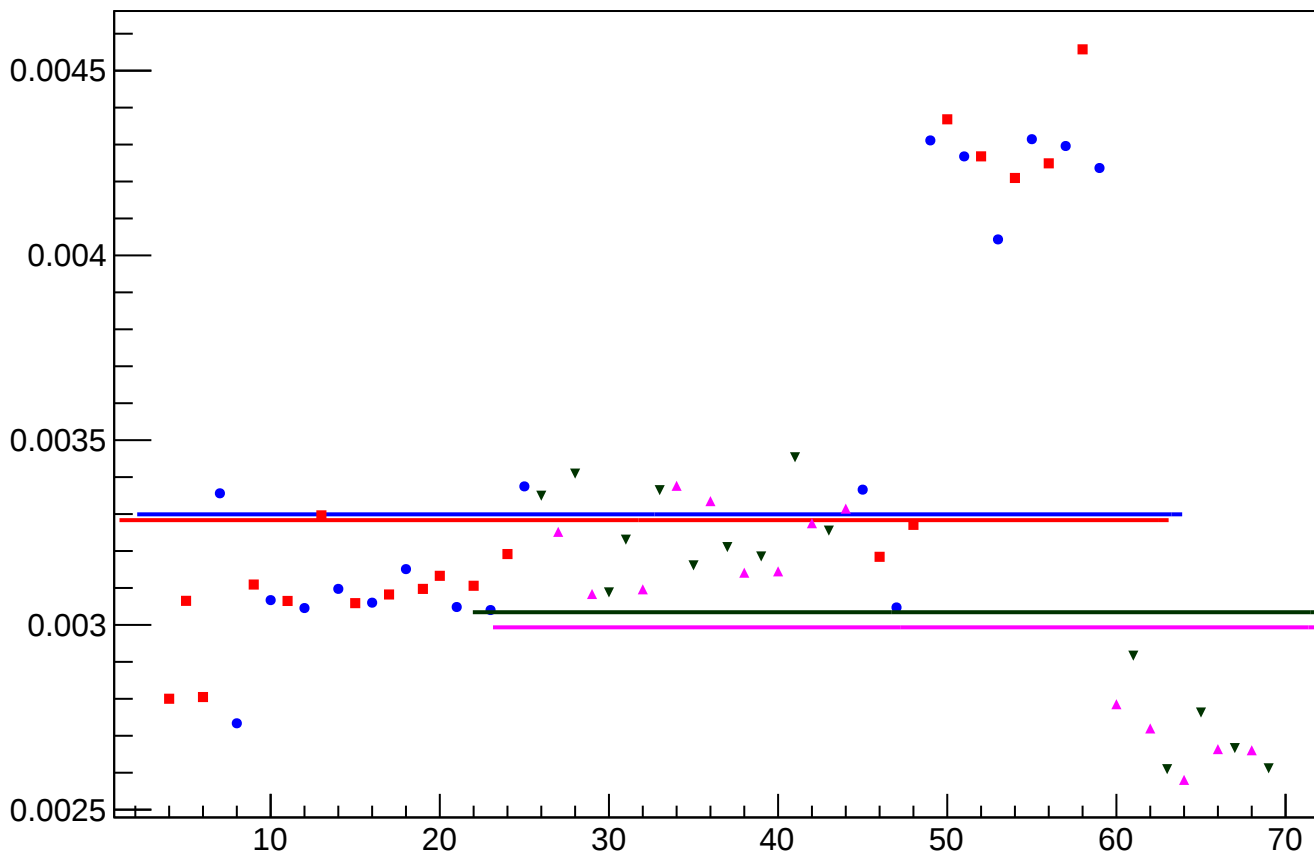
Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

Left In: 0.970+/-0.000 χ^2/NDF : 60760019088.9/13

0.742+/-0.000 χ^2/NDF : 172771353119.8/32

0.749+/-0.000 χ^2/NDF : 160722177956.4/32

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 : 148670.6/14

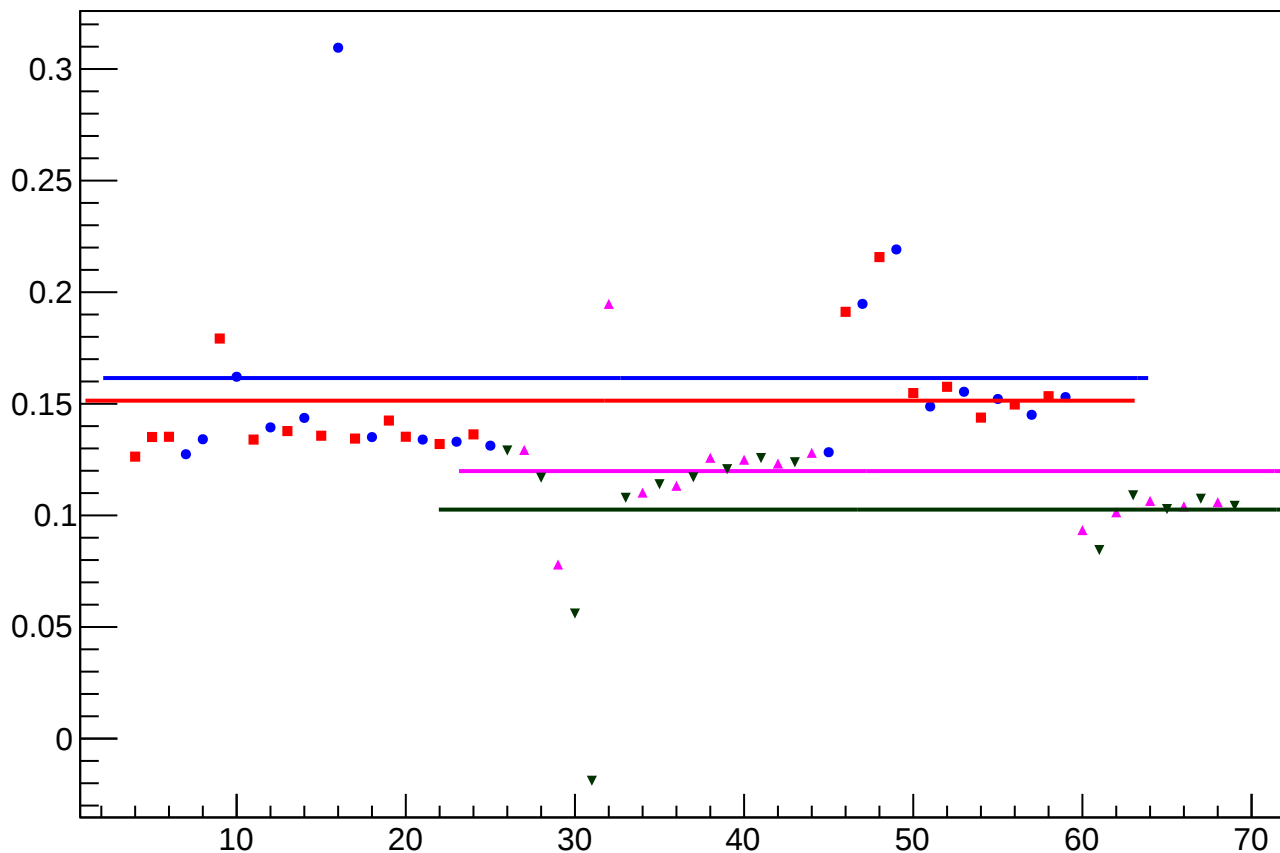
Right Out: 0.003 ± 0.000 χ^2/NDF : 382277.8/18

Left In: 0.003 ± 0.000 χ^2/NDF : 132921.5/13

0.003 ± 0.000 χ^2/NDF : 708961.1/32

0.003 ± 0.000 χ^2/NDF : 589731.8/32

yield_bpm0l08X_mean vs slug



Right In: 0.162 $\pm$ 0.000 χ^2 /NDF: 94764439.1/17

Left Out: 0.103 $\pm$ 0.000 χ^2 /NDF: 43460839.2/14

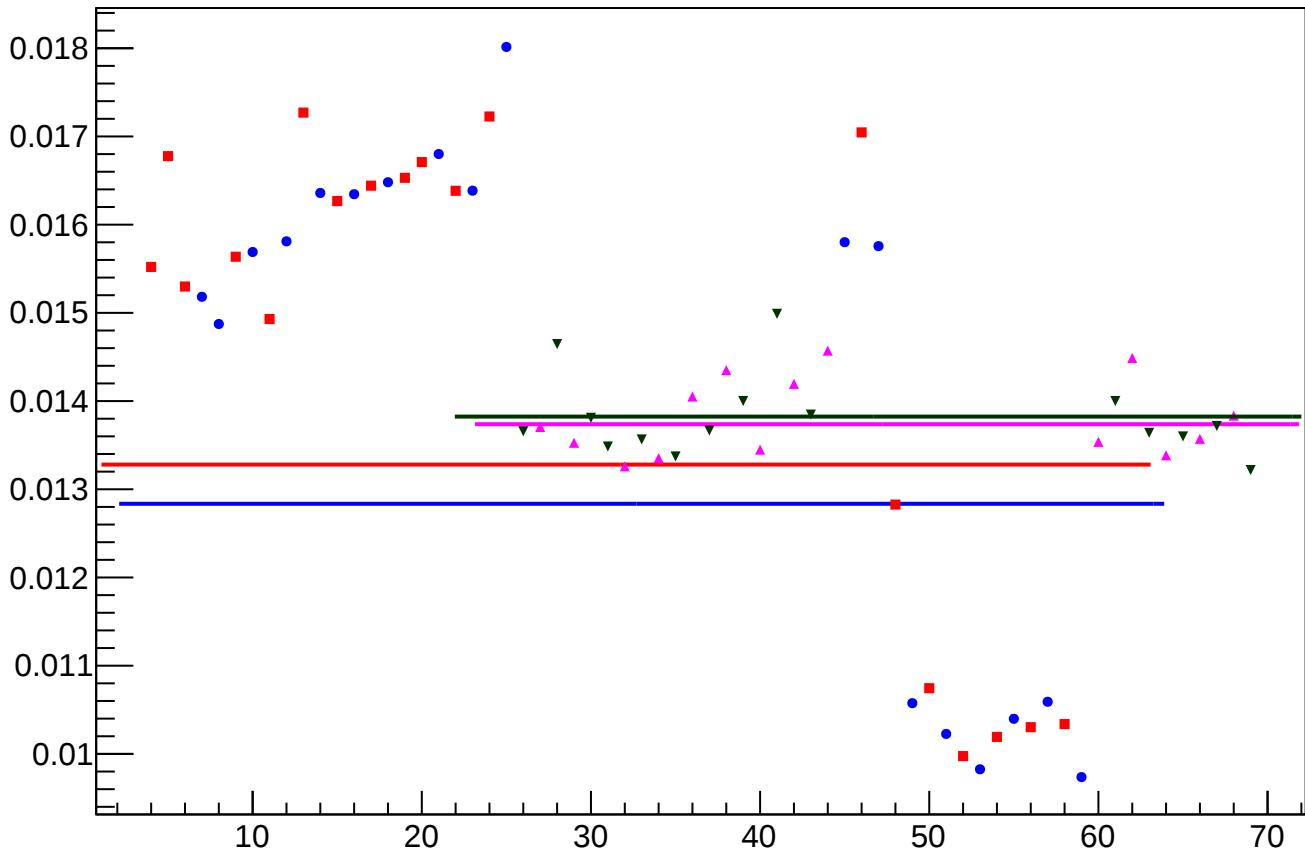
Right Out: 0.151 $\pm$ 0.000 χ^2 /NDF: 22463584.0/18

Left In: 0.120 $\pm$ 0.000 χ^2 /NDF: 41724148.5/13

0.139 $\pm$ 0.000 χ^2 /NDF: 224183051.6/32

0.137 $\pm$ 0.000 χ^2 /NDF: 87621710.9/32

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 :16630.5/14

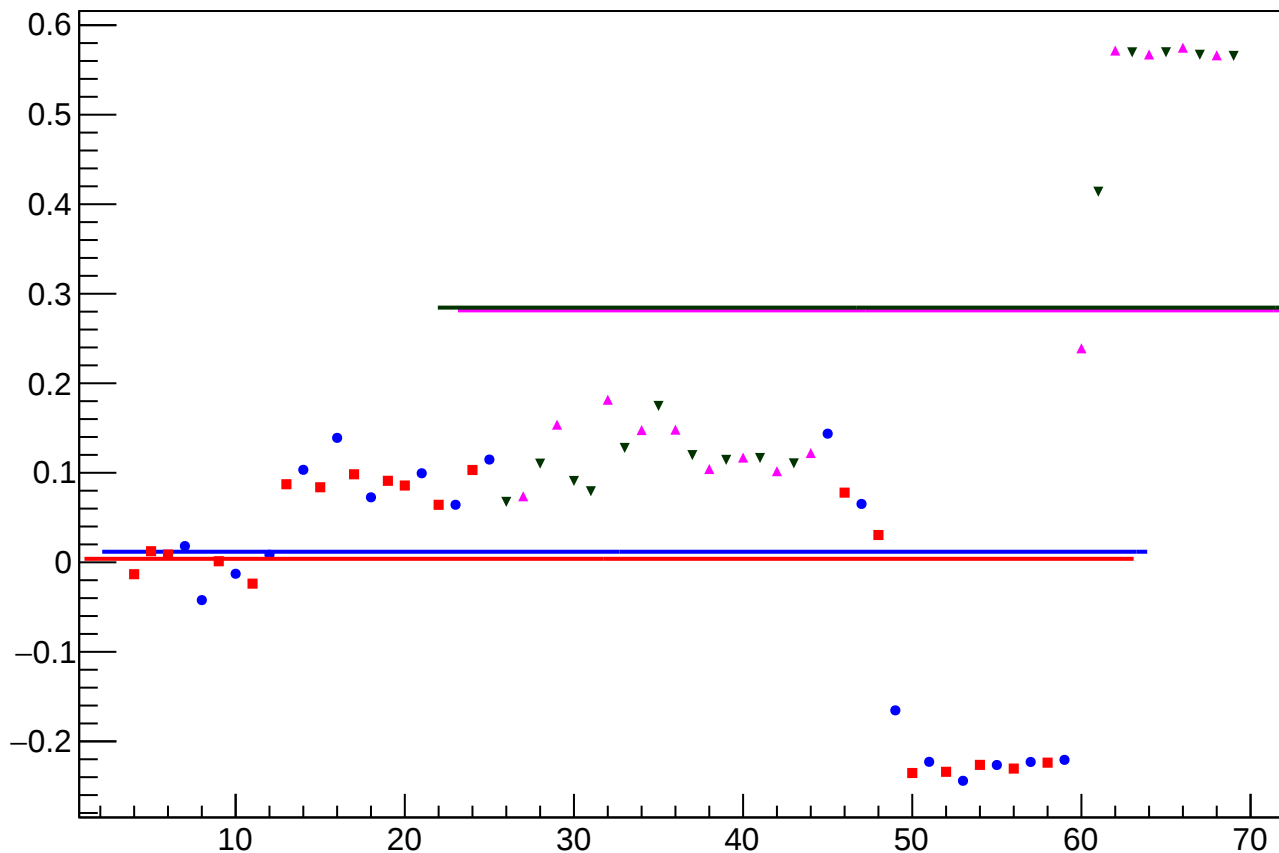
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF :14482.0/13

0.013+/-0.000 χ^2/NDF : 1153236.4/32

0.013+/-0.000 χ^2/NDF : 914374.1/32

yield_bpm0l08Y_mean vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 12179192870.2/17

Left Out: 0.285 $\pm$ 0.000 χ^2 /NDF: 36896792347.5/14

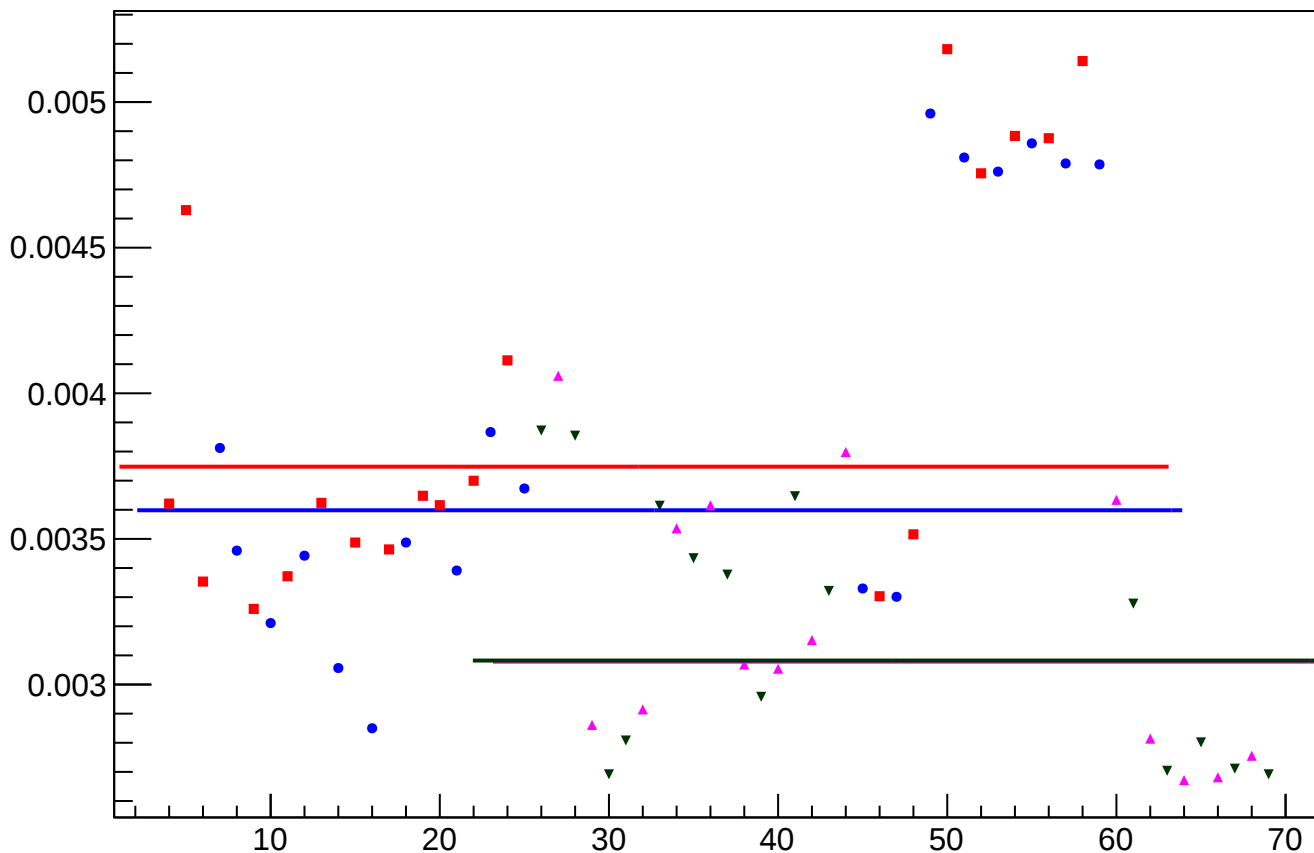
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 7924148421.7/18

Left In: 0.281 $\pm$ 0.000 χ^2 /NDF: 34267886821.6/13

0.146 $\pm$ 0.000 χ^2 /NDF: 78497367190.2/32

0.159 $\pm$ 0.000 χ^2 /NDF: 70260541547.4/32

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 672957.8/17

Left Out: 0.003+/-0.000 χ^2/NDF : 264337.8/14

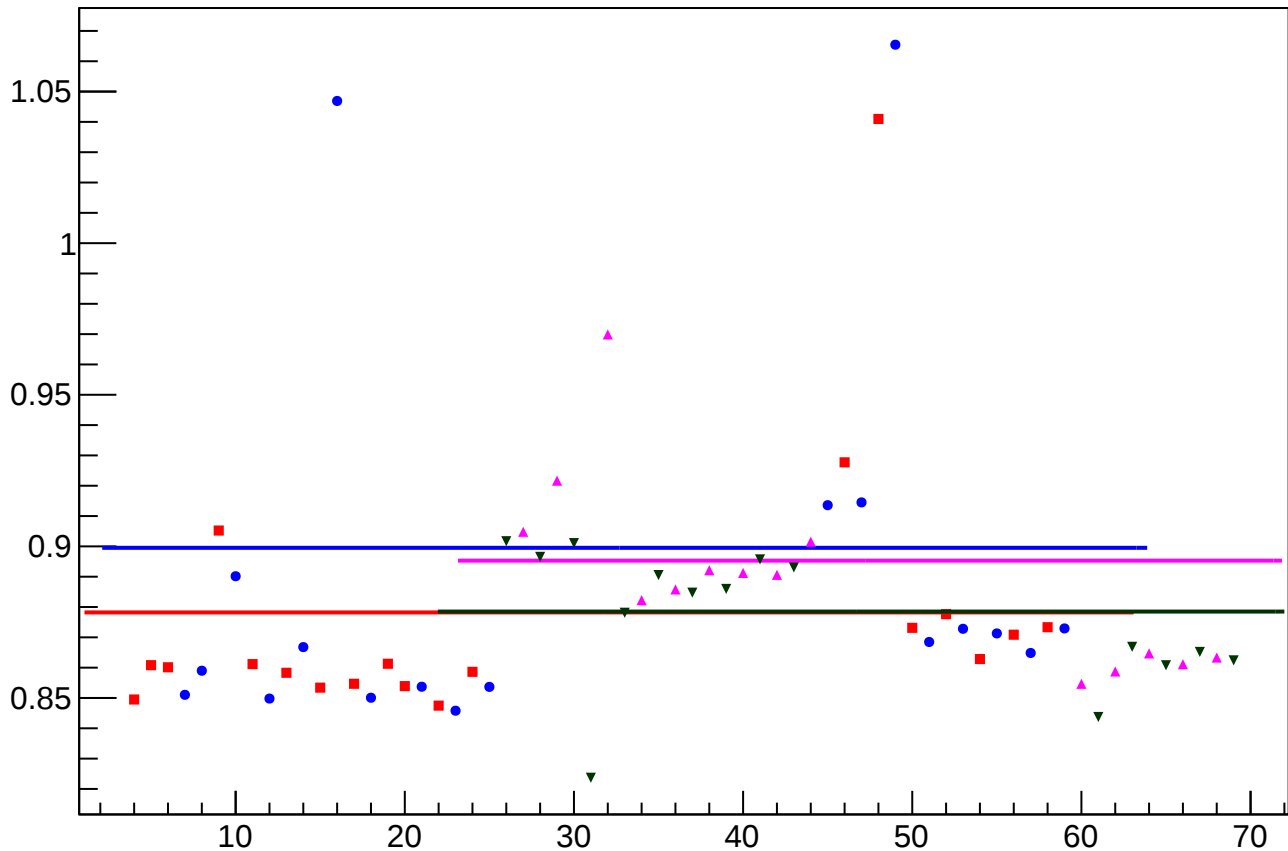
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF : 276524.6/13

0.003+/-0.000 χ^2/NDF : 1148005.2/32

0.003+/-0.000 χ^2/NDF : 1030700.6/32

yield_bpm0l09X_mean vs slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 324904340.4/17

Left Out: 0.878 $\pm$ 0.000 χ^2 /NDF:17453228.1/14

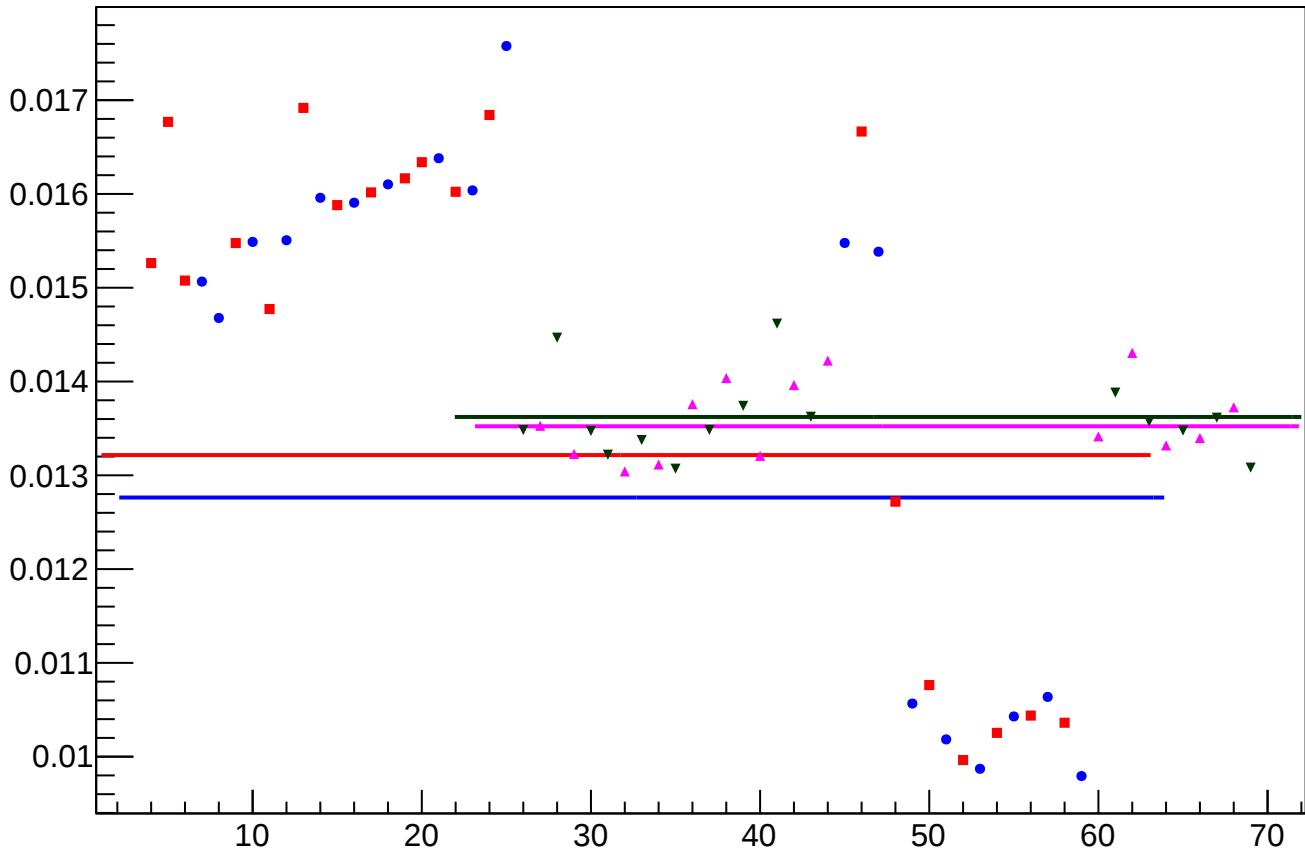
Right Out: 0.878 $\pm$ 0.000 χ^2 /NDF: 92356263.0/18

Left In: 0.895 $\pm$ 0.000 χ^2 /NDF:50218051.5/13

0.891 $\pm$ 0.000 χ^2 /NDF: 353557670.8/32

0.886 $\pm$ 0.000 χ^2 /NDF: 149593493.0/32

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 :15548.6/14

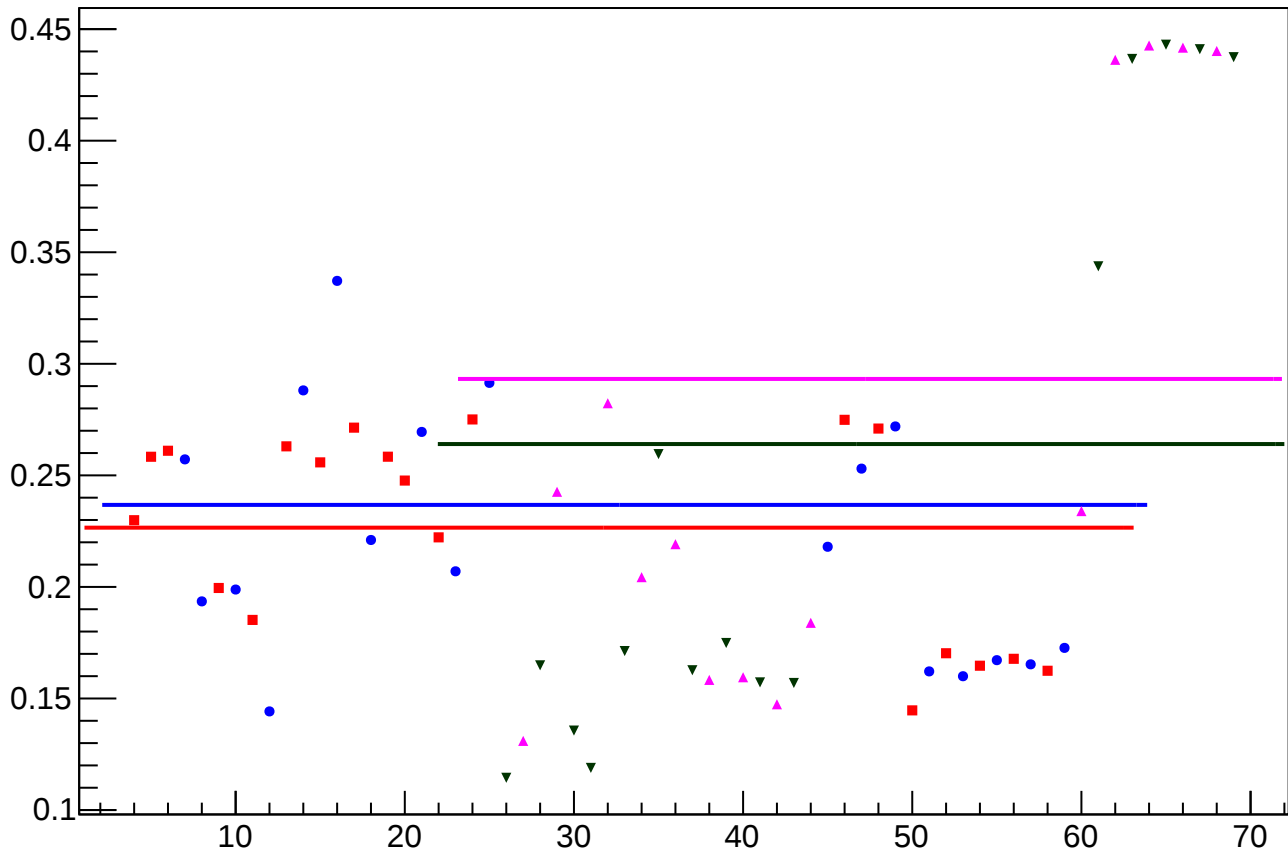
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF :13373.7/13

0.013+/-0.000 χ^2/NDF : 1033065.0/32

0.013+/-0.000 χ^2/NDF : 816758.1/32

yield_bpm0l09Y_mean vs slug



Right In: 0.237+/-0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.264+/-0.000 χ^2/NDF :13293164134.5/14

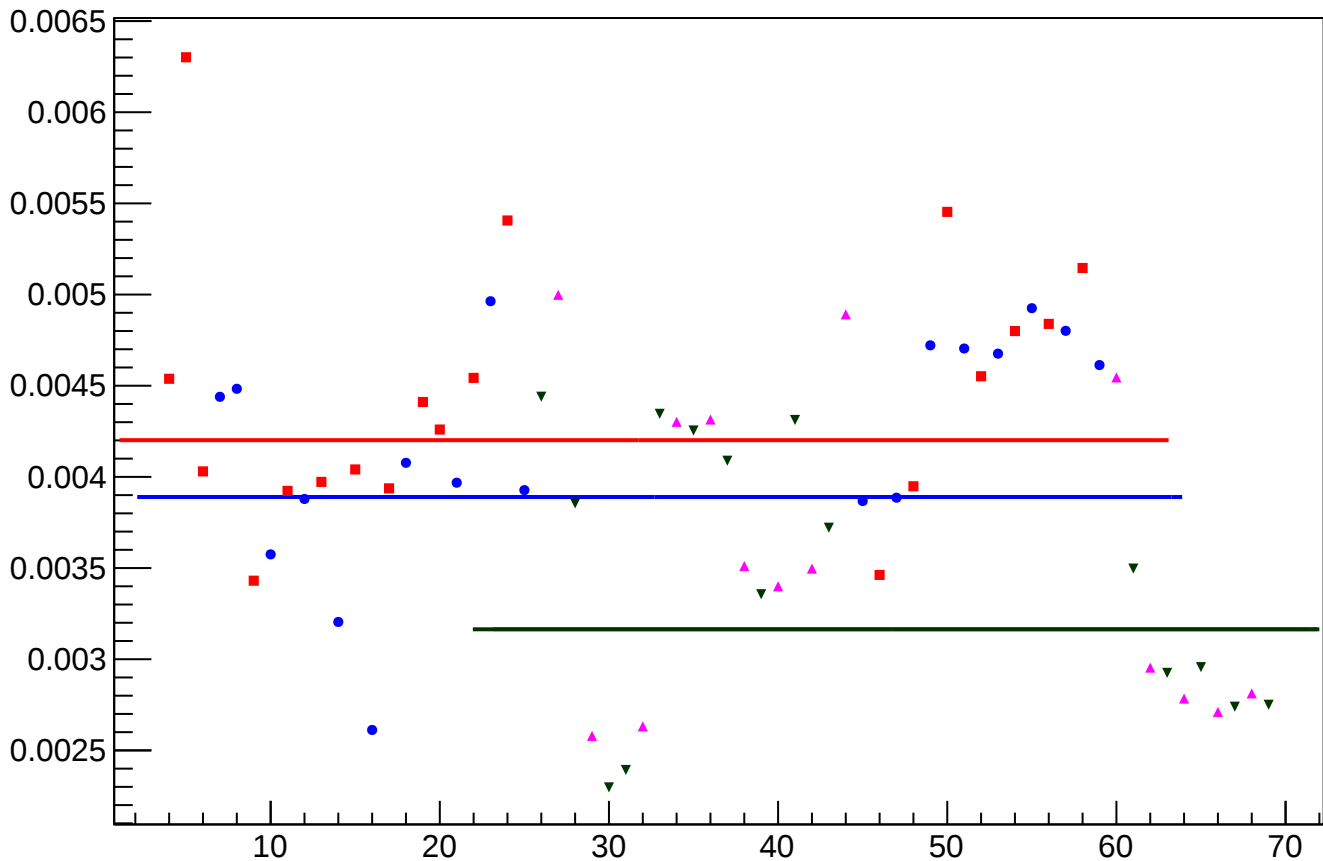
0.251+/-0.000 χ^2/NDF : 15960412156.9/32

Right Out: 0.227+/-0.000 χ^2/NDF : 943883207.4/18

0.266+/-0.000 χ^2/NDF : 11851043236.0/32

Left In: 0.293+/-0.000 χ^2/NDF :9574982134.8/13

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 : 685693.6/14

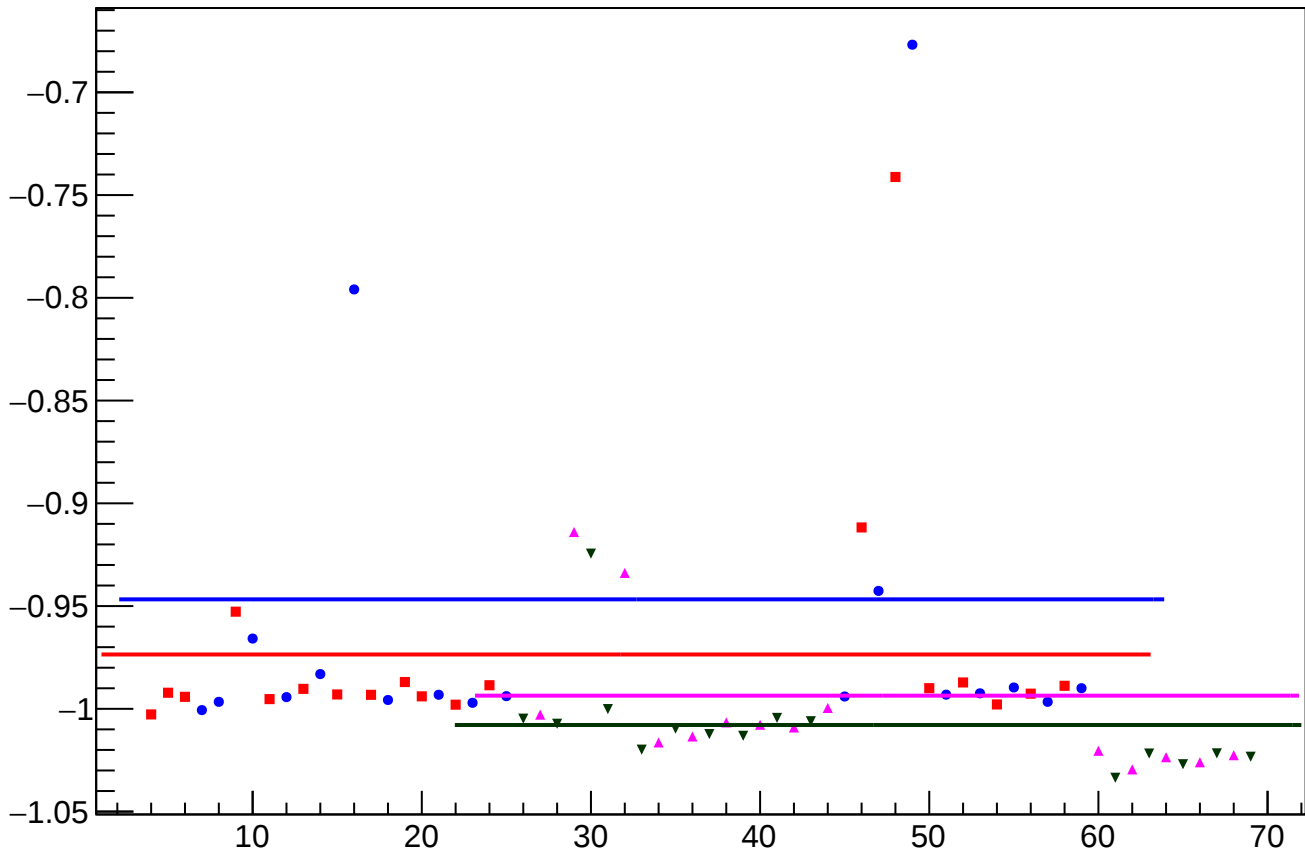
Right Out: 0.004 ± 0.000 χ^2/NDF : 341340.8/18

Left In: 0.003 ± 0.000 χ^2/NDF : 793024.0/13

0.004 ± 0.000 χ^2/NDF : 1743405.3/32

0.004 ± 0.000 χ^2/NDF : 1779018.1/32

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -1.008+/-0.000 χ^2/NDF : 26980714.6/14

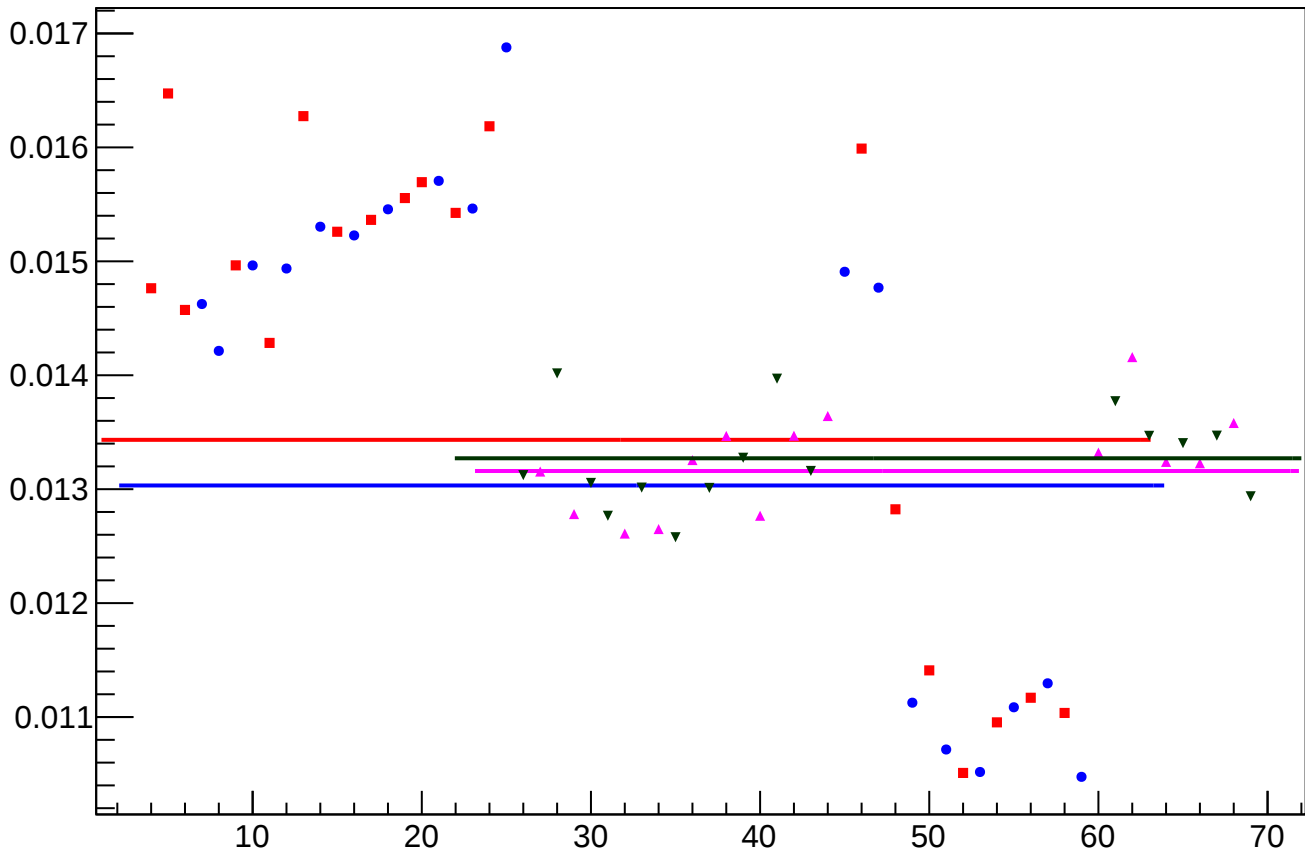
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.994+/-0.000 χ^2/NDF : 70603729.9/13

-0.972+/-0.000 χ^2/NDF : 785825860.5/32

-0.983+/-0.000 χ^2/NDF : 255154235.8/32

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 :14730.2/14

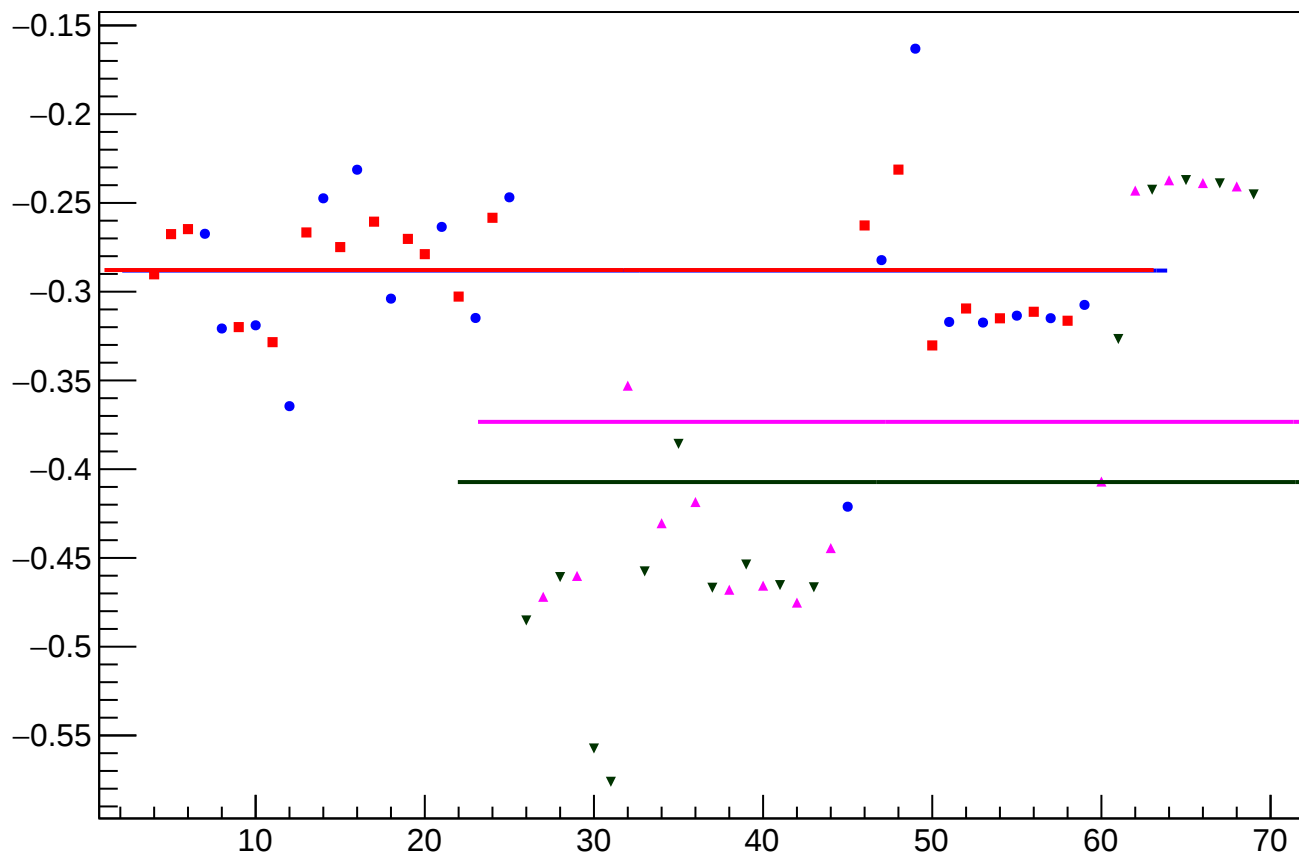
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF :15570.1/13

0.013+/-0.000 χ^2/NDF : 605506.2/32

0.013+/-0.000 χ^2/NDF : 498491.8/32

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.407+/-0.000 χ^2/NDF :12044327728.4/14

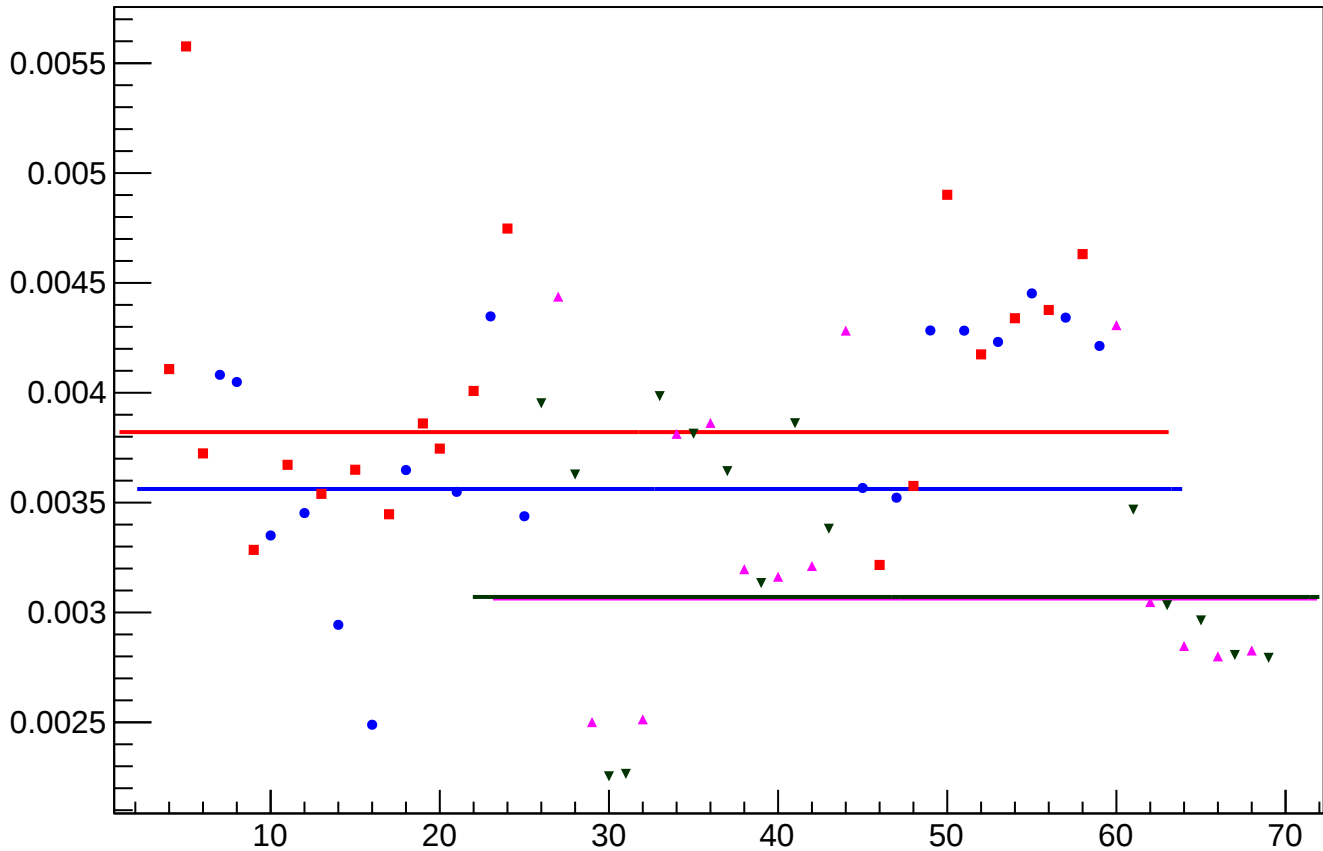
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.373+/-0.000 χ^2/NDF :7385583975.9/13

-0.345+/-0.000 χ^2/NDF : 20226398761.9/32

-0.336+/-0.000 χ^2/NDF : 10462006315.8/32

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 : 497905.5/14

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

Left In: 0.003+/-0.000 χ^2/NDF : 574529.7/13

0.003+/-0.000 χ^2/NDF : 1276502.7/32

0.003+/-0.000 χ^2/NDF : 1258373.4/32