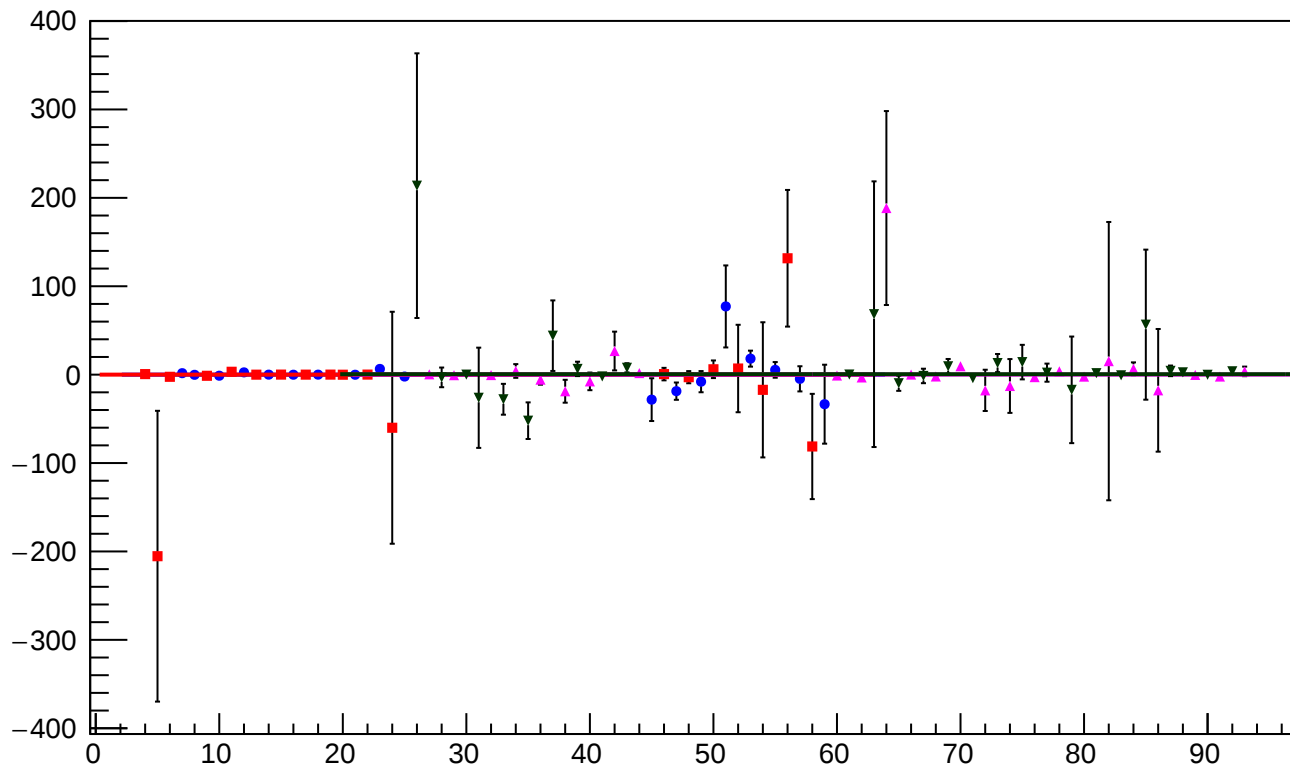


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

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

Left Out: 0.501 ± 0.797

$\chi^2/\text{NDF}: 27.5/26$

Right Out: 0.017 ± 0.016

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

Left In: 0.059 ± 0.073

$\chi^2/\text{NDF}: 36.2/25$

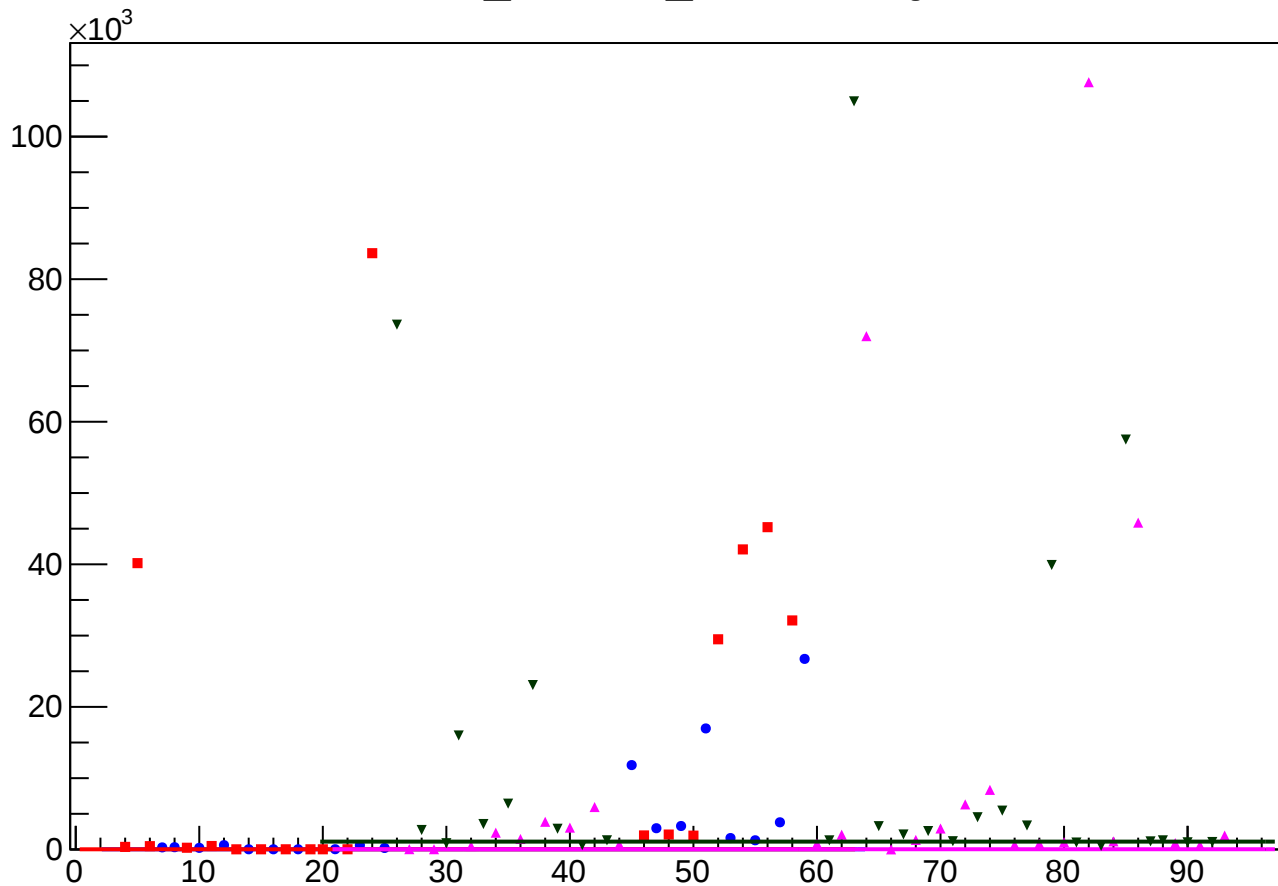
-0.014 ± 0.014

$\chi^2/\text{NDF}: 59.1/44$

0.019 ± 0.016

$\chi^2/\text{NDF}: 61.2/44$

diff_cav4bX_rms vs slug



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

Left Out: 1100.164 $\pm$ 0.563 χ^2/NDF : 5134884.5/26

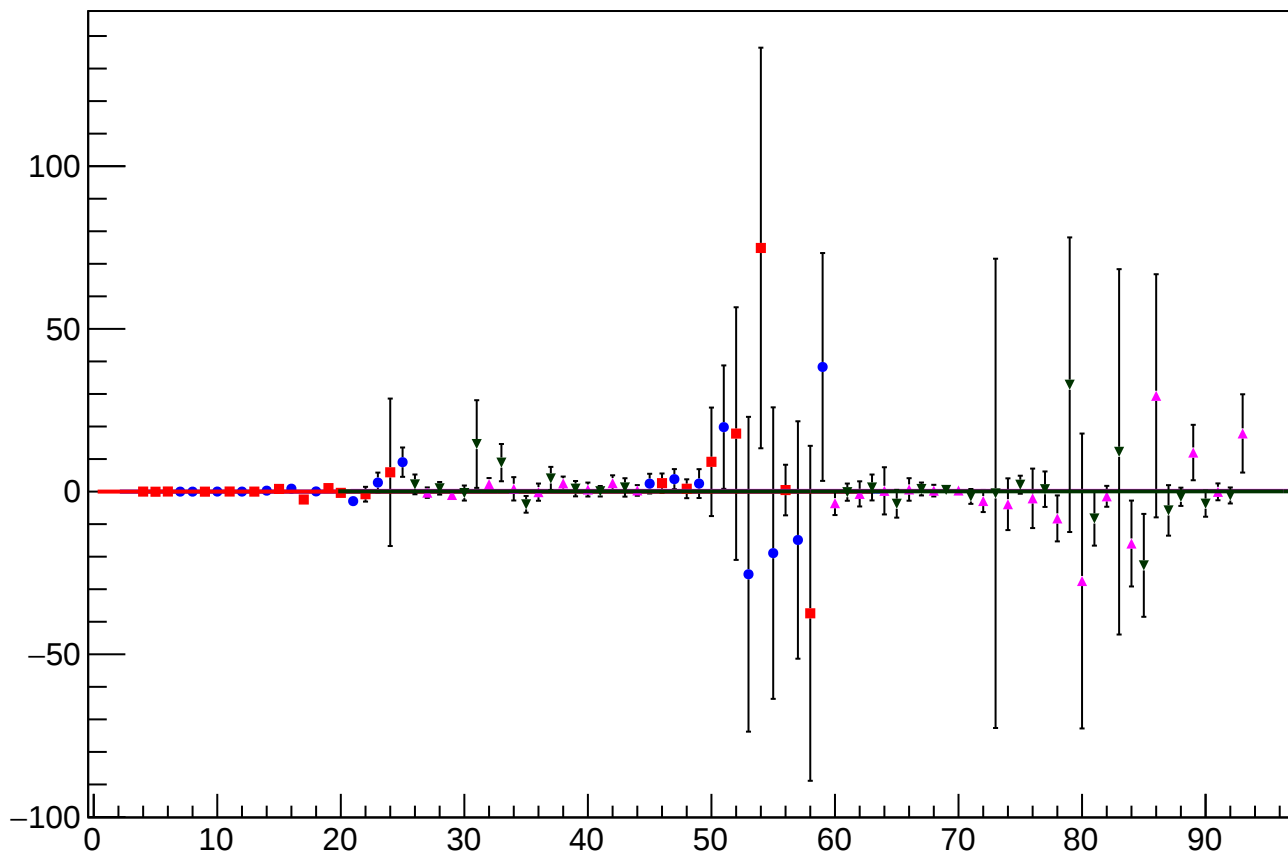
Right Out: 22.611 $\pm$ 0.011 χ^2/NDF : 4395534.2/18

Left In: 30.759 $\pm$ 0.051 χ^2/NDF : 8529505.7/25

22.778 $\pm$ 0.010 χ^2/NDF : 11599481.7/44

22.995 $\pm$ 0.011 χ^2/NDF : 12949062.3/44

diff_cav4bY_mean vs slug



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

Left Out: 0.083 ± 0.553 χ^2/NDF : 16.1/26

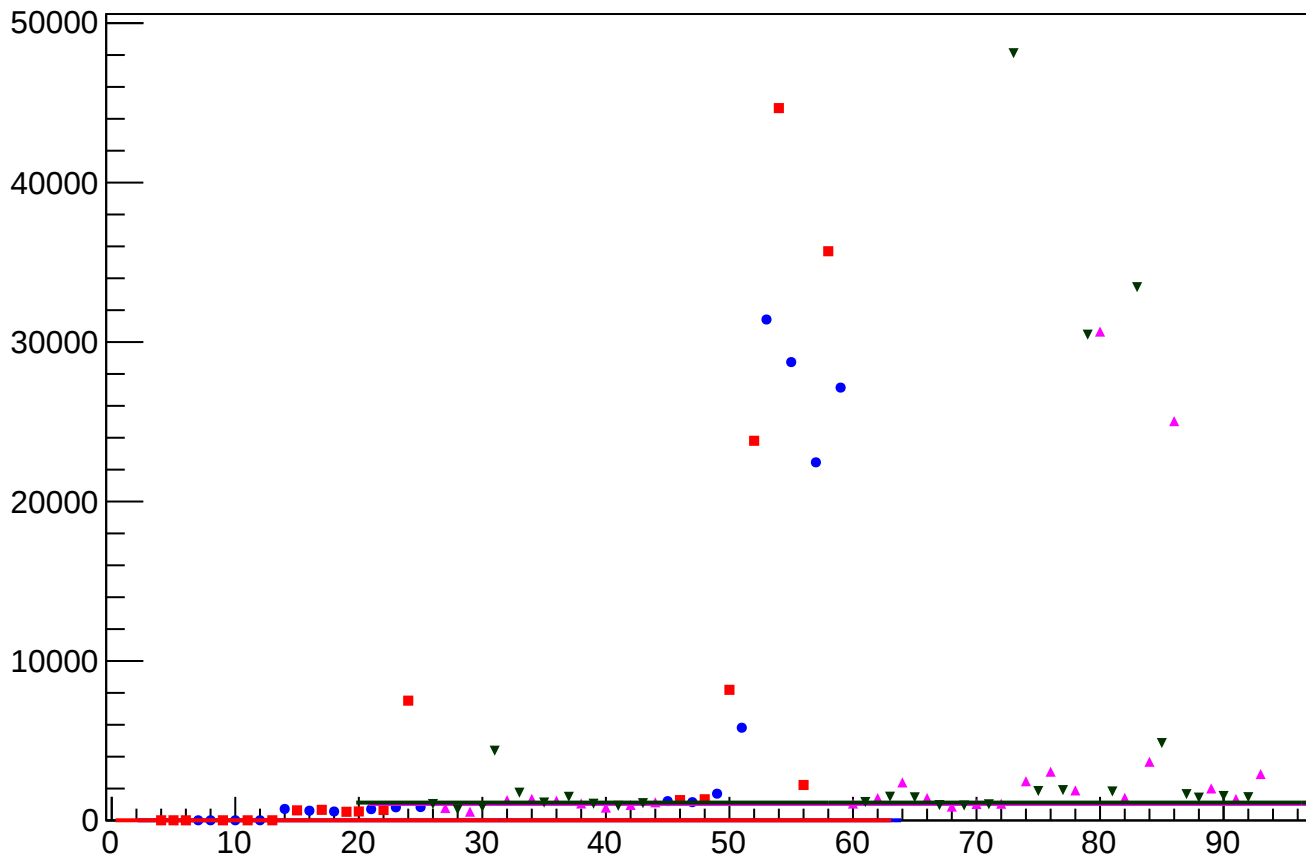
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.222 ± 0.507 χ^2/NDF : 15.1/25

-0.001 ± 0.006 χ^2/NDF : 39.8/44

0.002 ± 0.005 χ^2/NDF : 35.6/44

diff_cav4bY_rms vs slug



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

Left Out: 1119.949+/-0.391 χ^2/NDF : 3155008.7/26

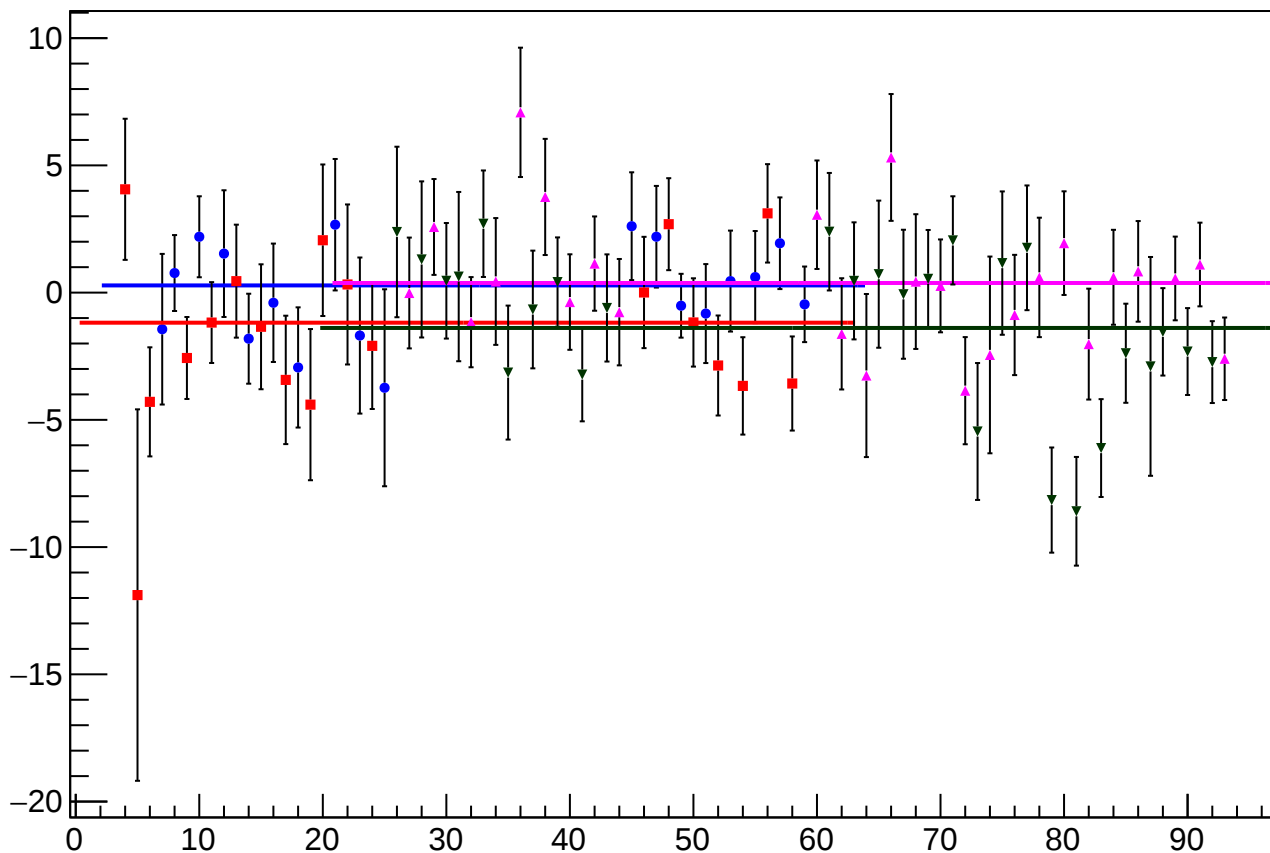
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 1033.863+/-0.358 χ^2/NDF : 2615228.6/25

10.660+/-0.005 χ^2/NDF : 20163881.7/44

10.204+/-0.004 χ^2/NDF : 17525867.9/44

diff_cav4cX_mean vs slug



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

Left Out: -1.389 ± 0.419 $\chi^2/\text{NDF}: 53.0/26$

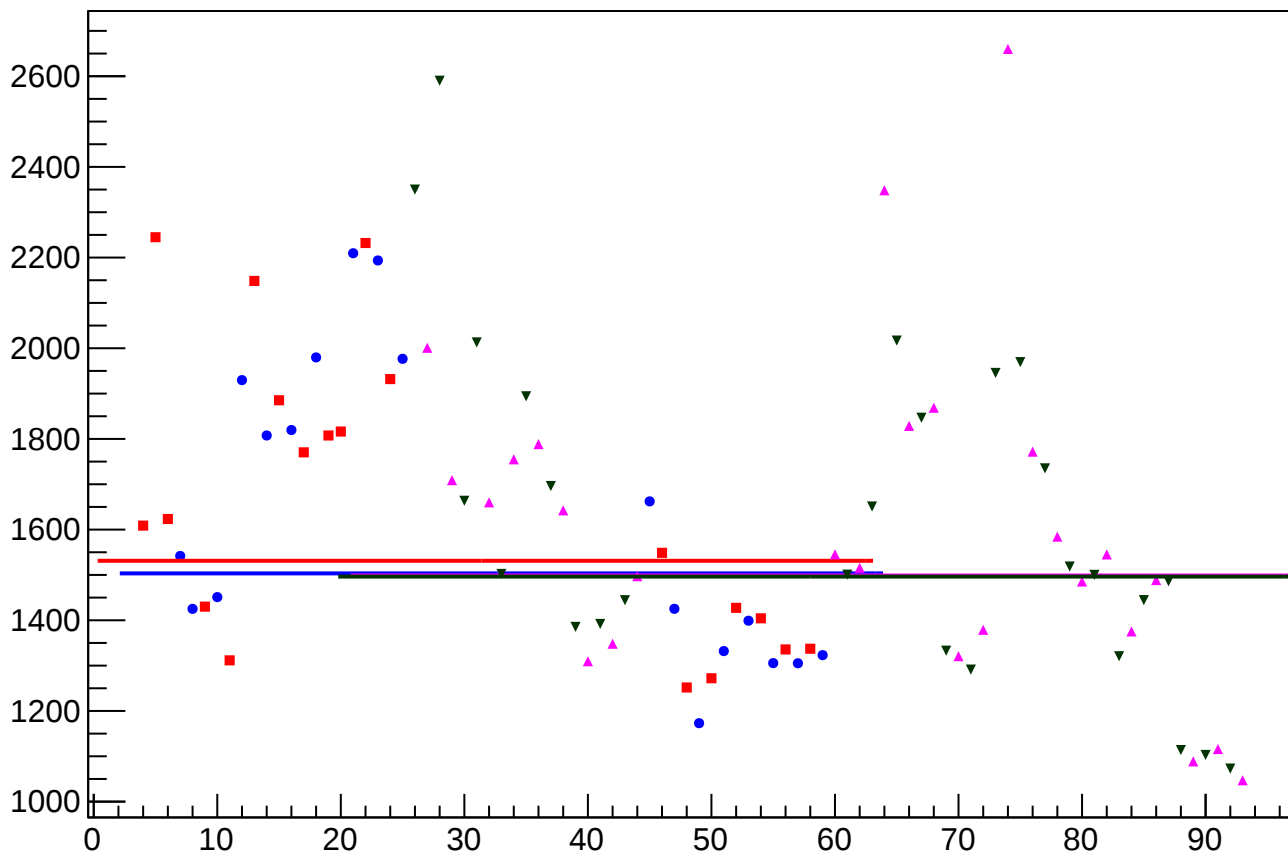
Right Out: -1.182 ± 0.494 $\chi^2/\text{NDF}: 26.5/18$

Left In: 0.379 ± 0.407 $\chi^2/\text{NDF}: 29.9/25$

-0.621 ± 0.309 $\chi^2/\text{NDF}: 72.1/44$

-0.254 ± 0.314 $\chi^2/\text{NDF}: 62.4/44$

diff_cav4cX_rms vs slug



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

Left Out: 1496.411+/-0.297 χ^2/NDF : 1167723.2/26

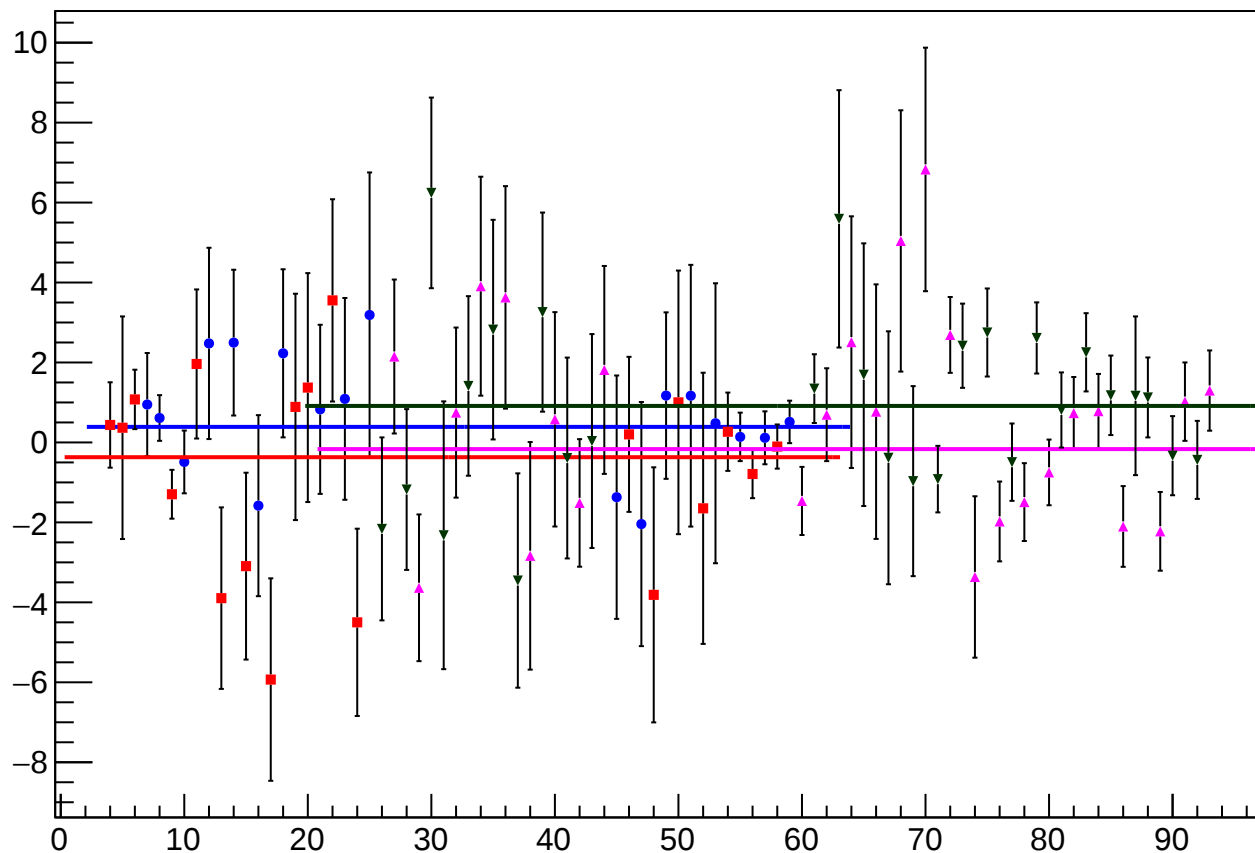
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1498.801+/-0.288 χ^2/NDF : 1085478.8/25

1499.621+/-0.218 χ^2/NDF : 1944747.7/44

1511.936+/-0.222 χ^2/NDF : 1711916.9/44

diff_cav4cY_mean vs slug



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

Left Out: 0.913 ± 0.254 χ^2/NDF : 37.4/26

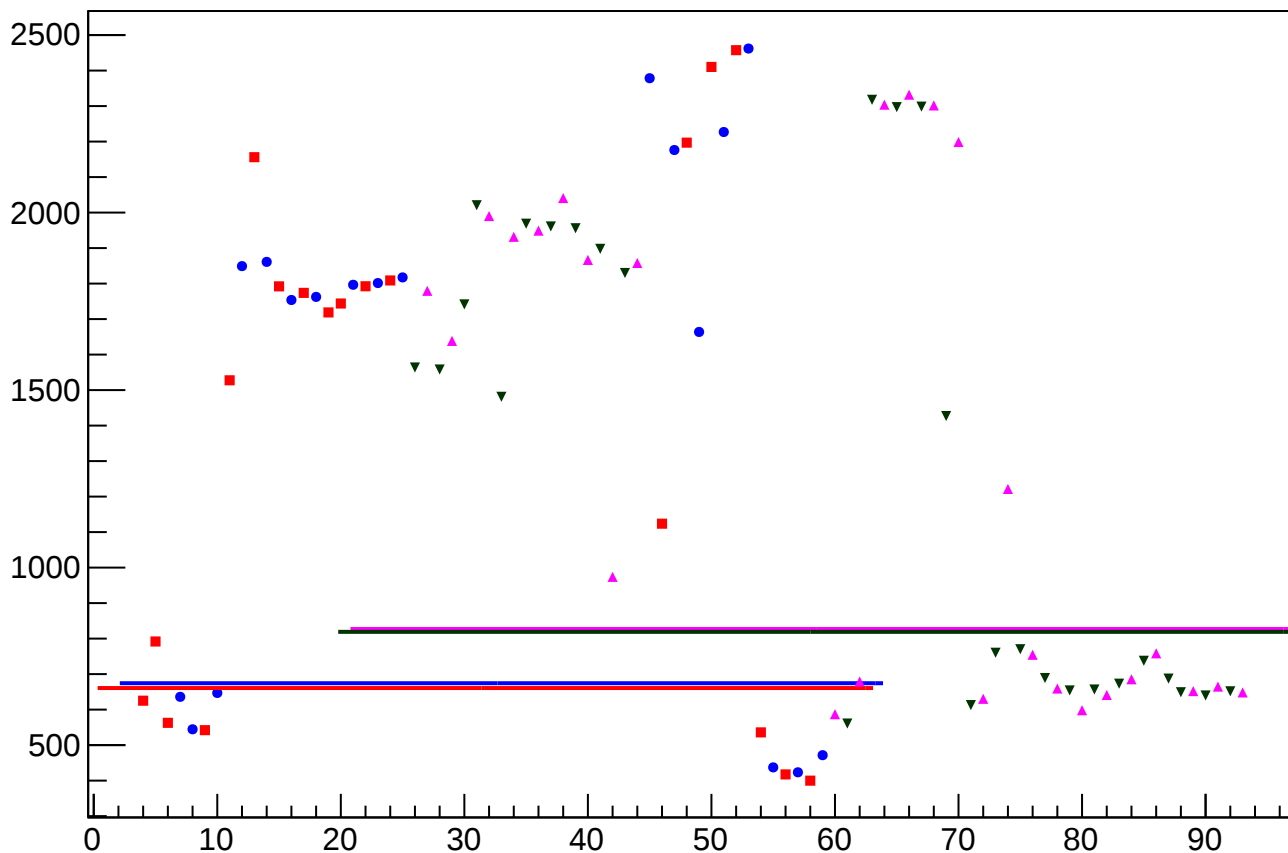
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.167 ± 0.252 χ^2/NDF : 53.9/25

0.648 ± 0.179 χ^2/NDF : 47.1/44

-0.264 ± 0.182 χ^2/NDF : 79.9/44

diff_cav4cY_rms vs slug



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

Left Out: 819.054+/-0.180 χ^2/NDF : 5130807.4/26

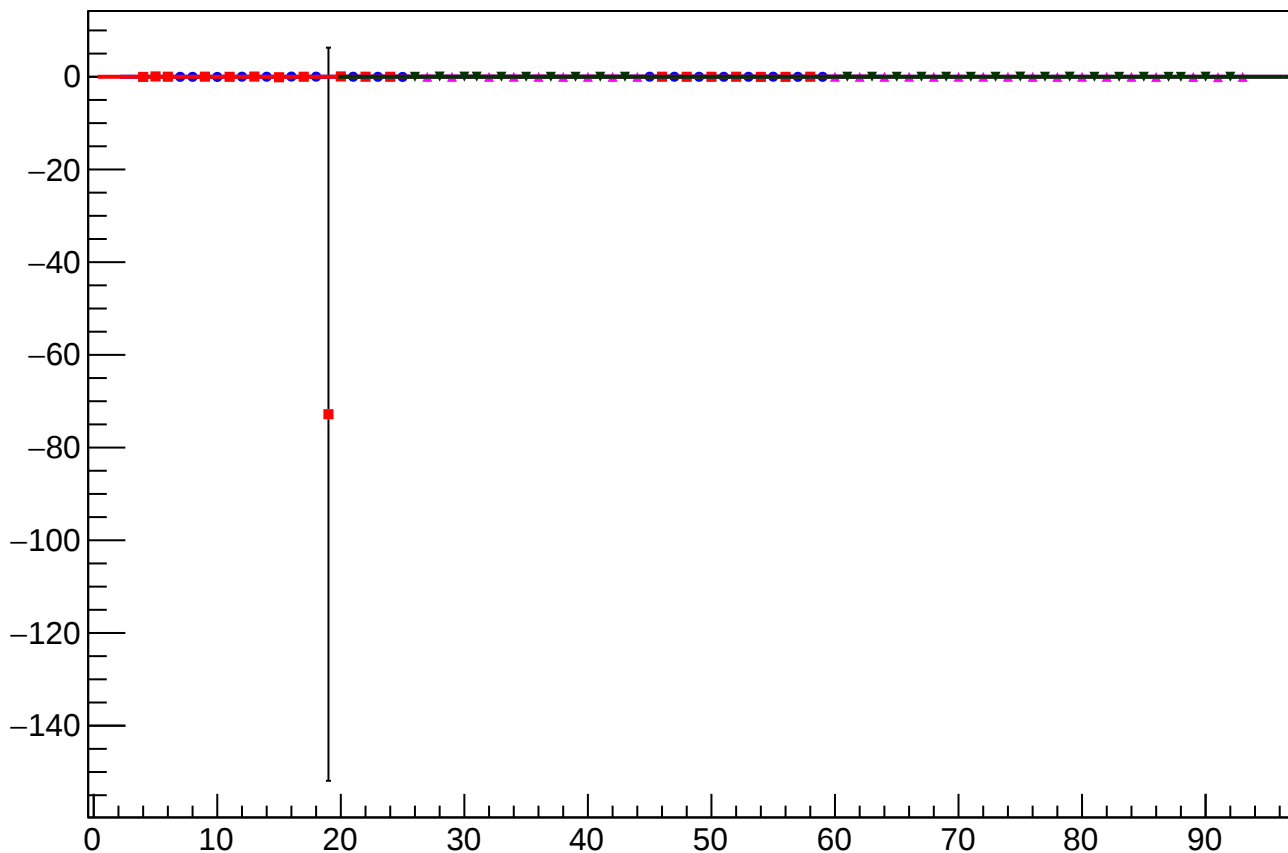
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 827.043+/-0.178 χ^2/NDF : 5725012.7/25

745.890+/-0.126 χ^2/NDF : 12471569.1/44

747.174+/-0.129 χ^2/NDF : 12364802.1/44

diff_cav4dX_mean vs slug



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

Left Out: 0.001 ± 0.003 χ^2/NDF : 20.3/26

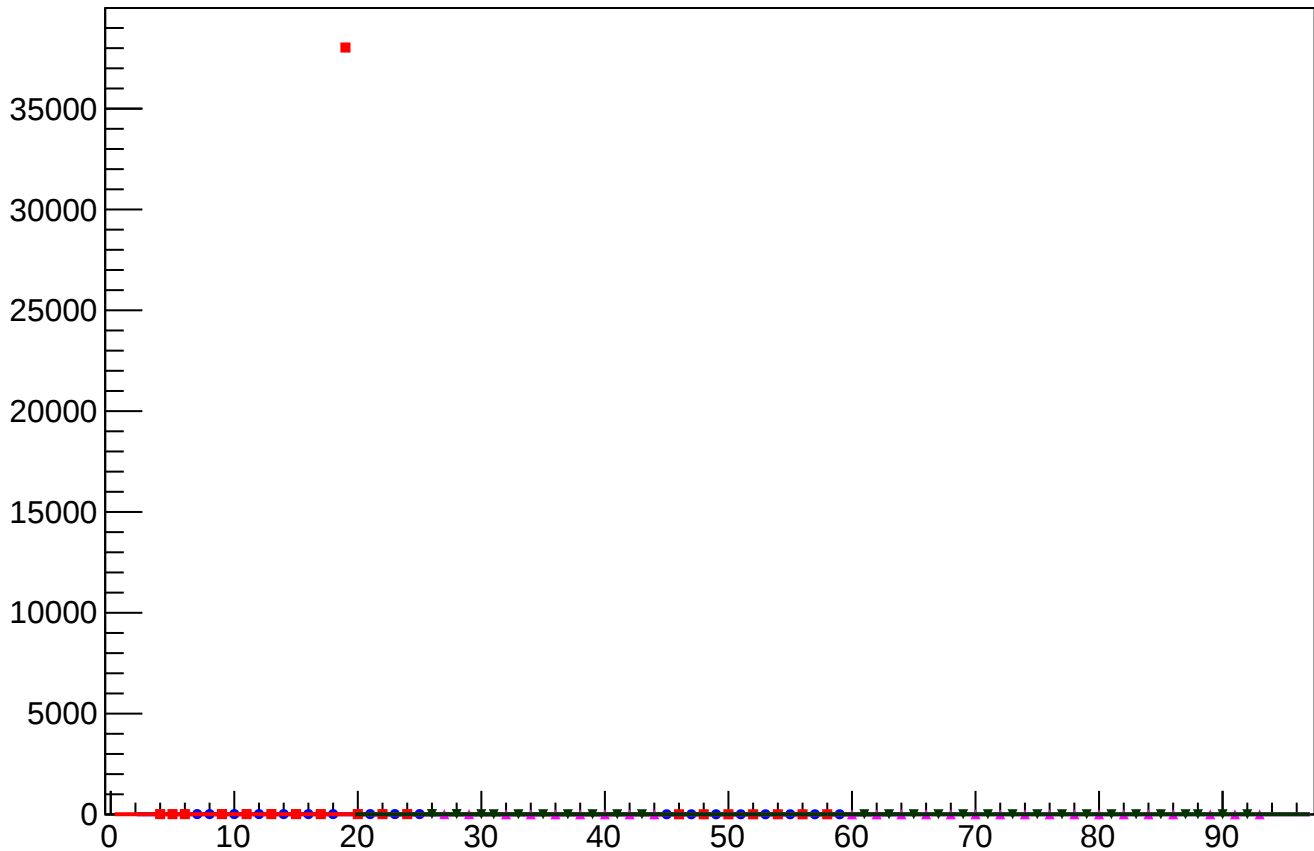
Right Out: 0.002 ± 0.004 χ^2/NDF : 20.0/18

Left In: 0.000 ± 0.003 χ^2/NDF : 17.6/25

0.001 ± 0.002 χ^2/NDF : 32.3/44

0.001 ± 0.002 χ^2/NDF : 37.7/44

diff_cav4dX_rms vs slug



Right In: 10.593+/-0.003 χ^2 /NDF: 1953039.1/17

Left Out: 8.891+/-0.002 χ^2 /NDF: 631669.8/26

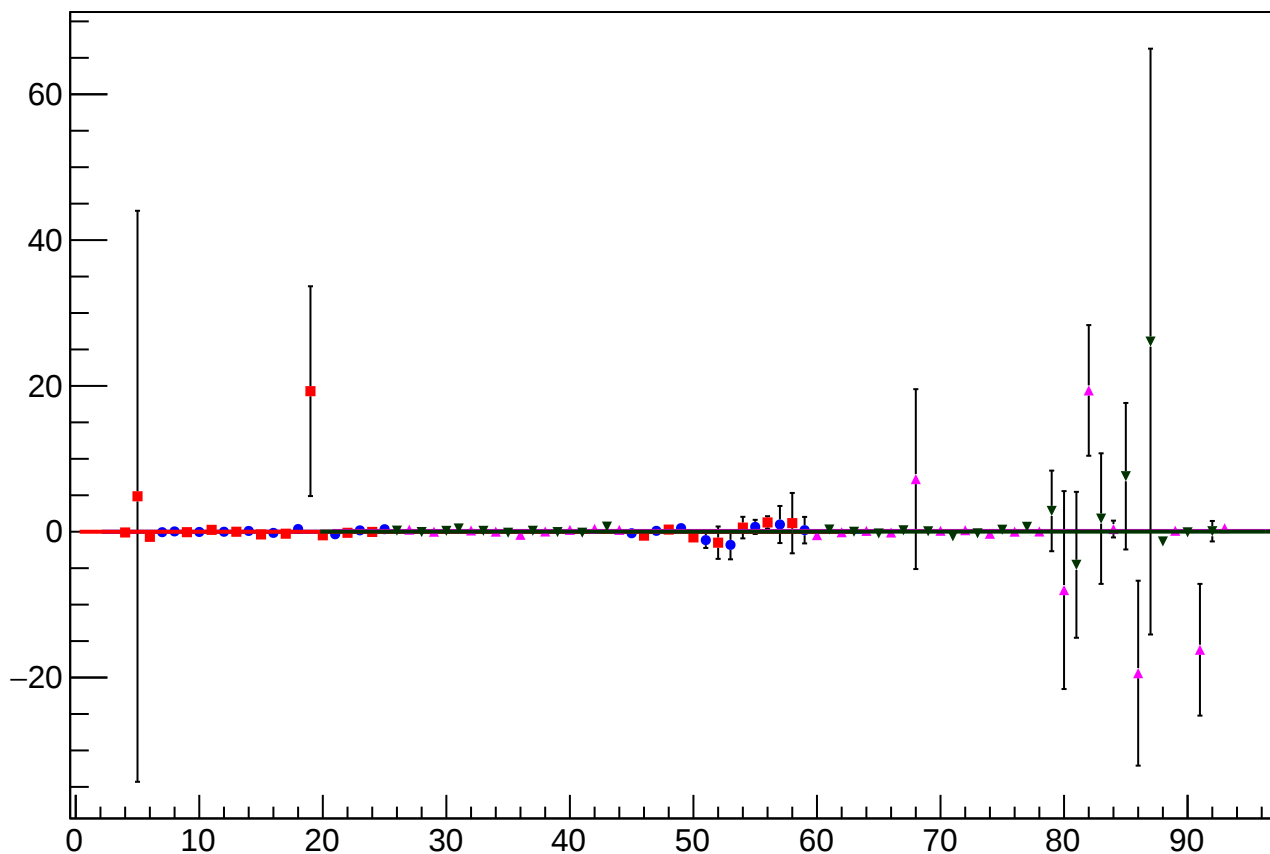
9.479+/-0.002 χ^2 /NDF: 2873489.3/44

Right Out: 11.097+/-0.003 χ^2 /NDF: 2257827.7/18

9.523+/-0.002 χ^2 /NDF: 3464872.5/44

Left In: 8.900+/-0.002 χ^2 /NDF: 799784.2/25

diff_cav4dY_mean vs slug



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

Left Out: 0.016 ± 0.044 χ^2/NDF : 31.6/26

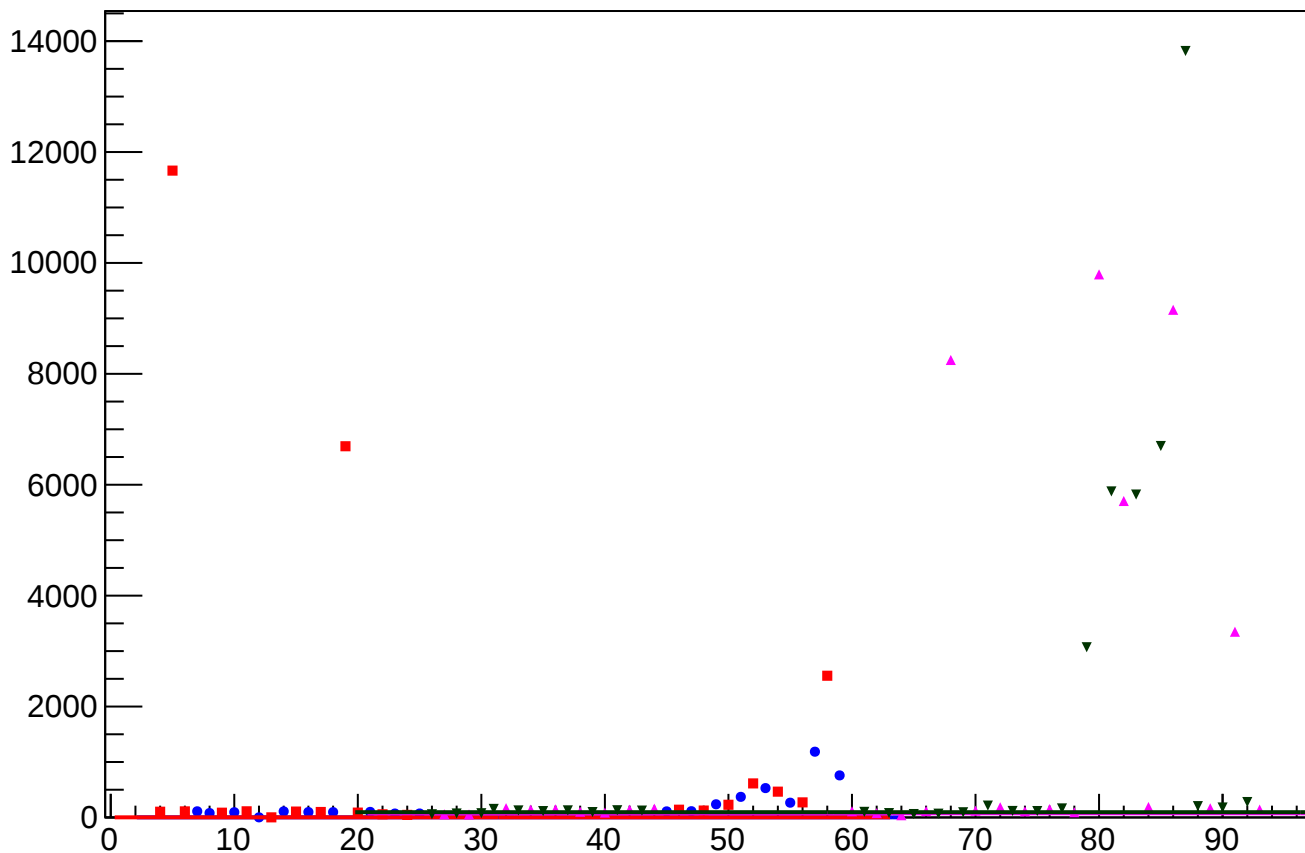
Right Out: -0.003 ± 0.003 χ^2/NDF : 21.1/18

Left In: 0.107 ± 0.037 χ^2/NDF : 28.3/25

-0.003 ± 0.003 χ^2/NDF : 52.7/44

-0.002 ± 0.003 χ^2/NDF : 58.4/44

diff_cav4dY_rms vs slug



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

Left Out: 94.801+/-0.031 χ^2/NDF : 4095579.0/26

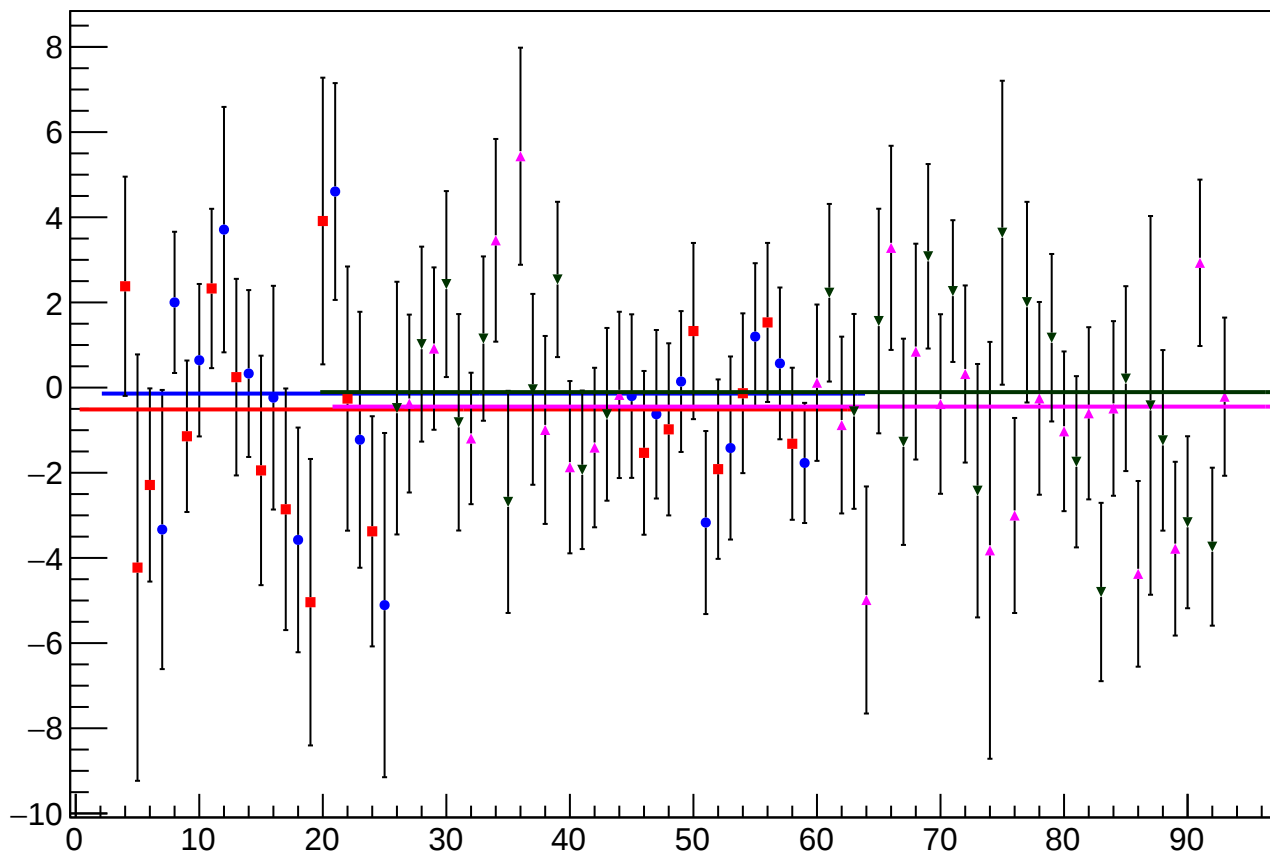
Right Out: 2.101+/-0.002 χ^2/NDF : 6716516.3/18

Left In: 74.704+/-0.026 χ^2/NDF : 6395061.5/25

2.674+/-0.002 χ^2/NDF : 22234438.8/44

2.595+/-0.002 χ^2/NDF : 20966092.2/44

diff_bpm4aX_mean vs slug



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

Left Out: -0.106 ± 0.424 χ^2/NDF : 27.4/26

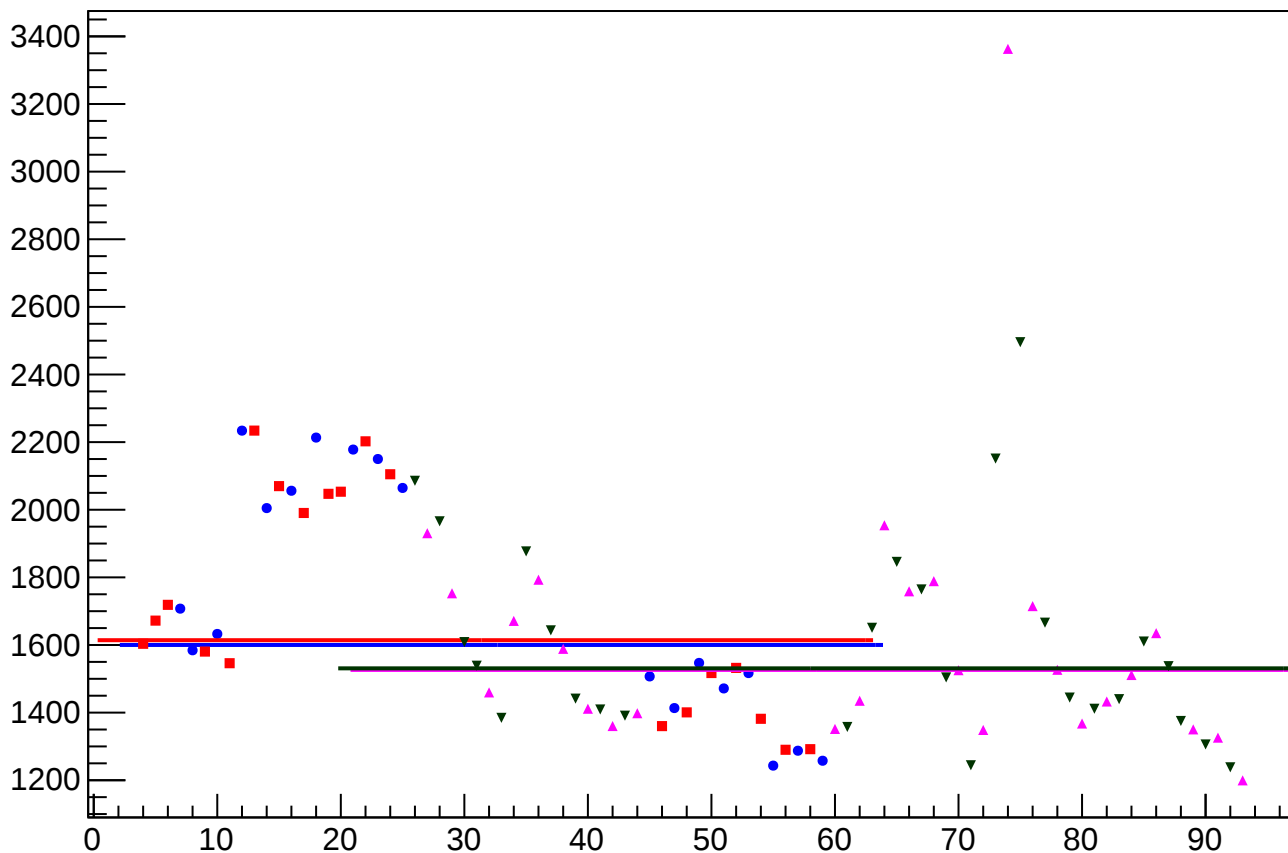
Right Out: -0.513 ± 0.519 χ^2/NDF : 13.6/18

Left In: -0.447 ± 0.412 χ^2/NDF : 26.2/25

-0.121 ± 0.320 χ^2/NDF : 43.4/44

-0.472 ± 0.322 χ^2/NDF : 39.8/44

diff_bpm4aX_rms vs slug



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

Left Out: 1530.925+/-0.300 χ^2/NDF : 687720.6/26

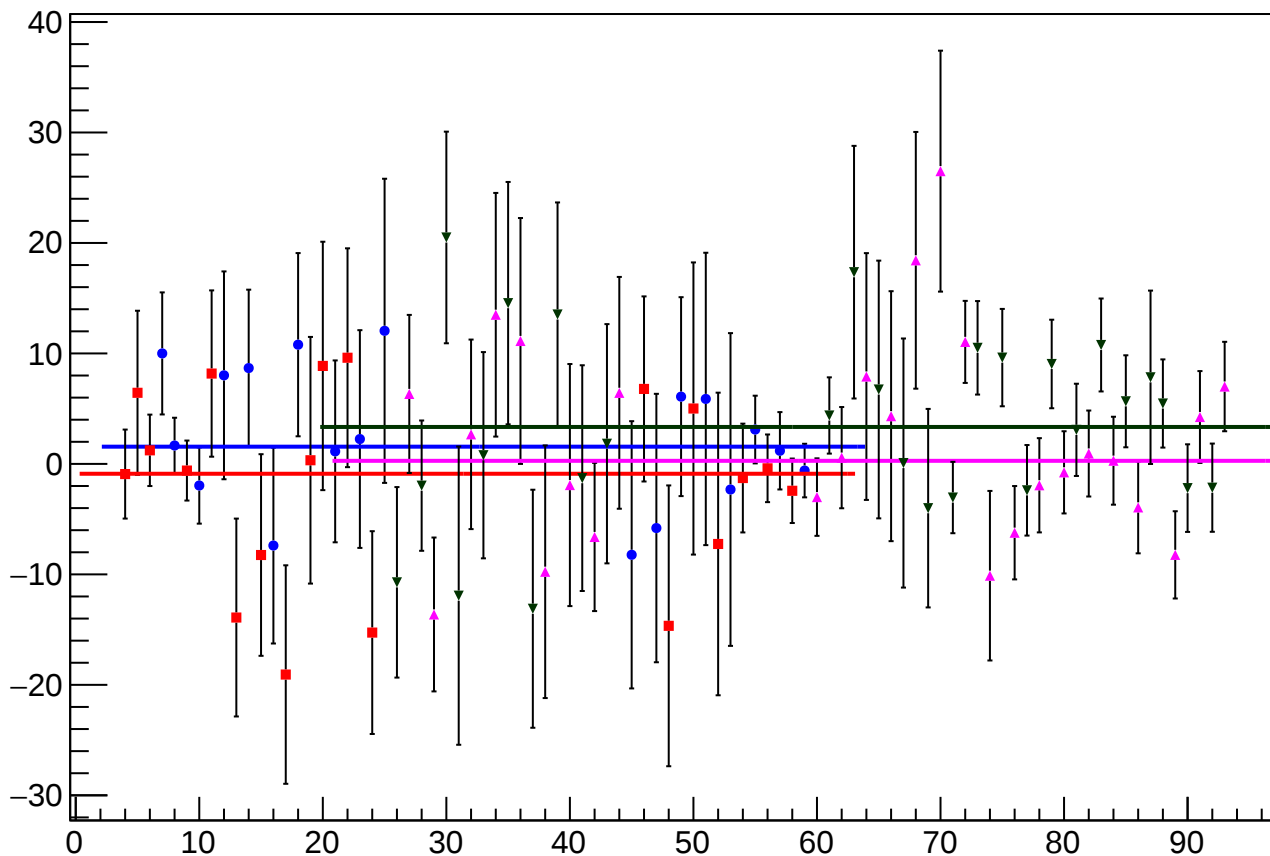
Right Out: 1614.182+/-0.367 χ^2/NDF : 670373.5/18

Left In: 1526.244+/-0.291 χ^2/NDF : 713546.9/25

1560.896+/-0.226 χ^2/NDF : 1560501.3/44

1560.195+/-0.228 χ^2/NDF : 1419173.8/44

diff_bpm4aY_mean vs slug



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

Left Out: 3.344 ± 1.034 $\chi^2/\text{NDF}: 35.7/26$

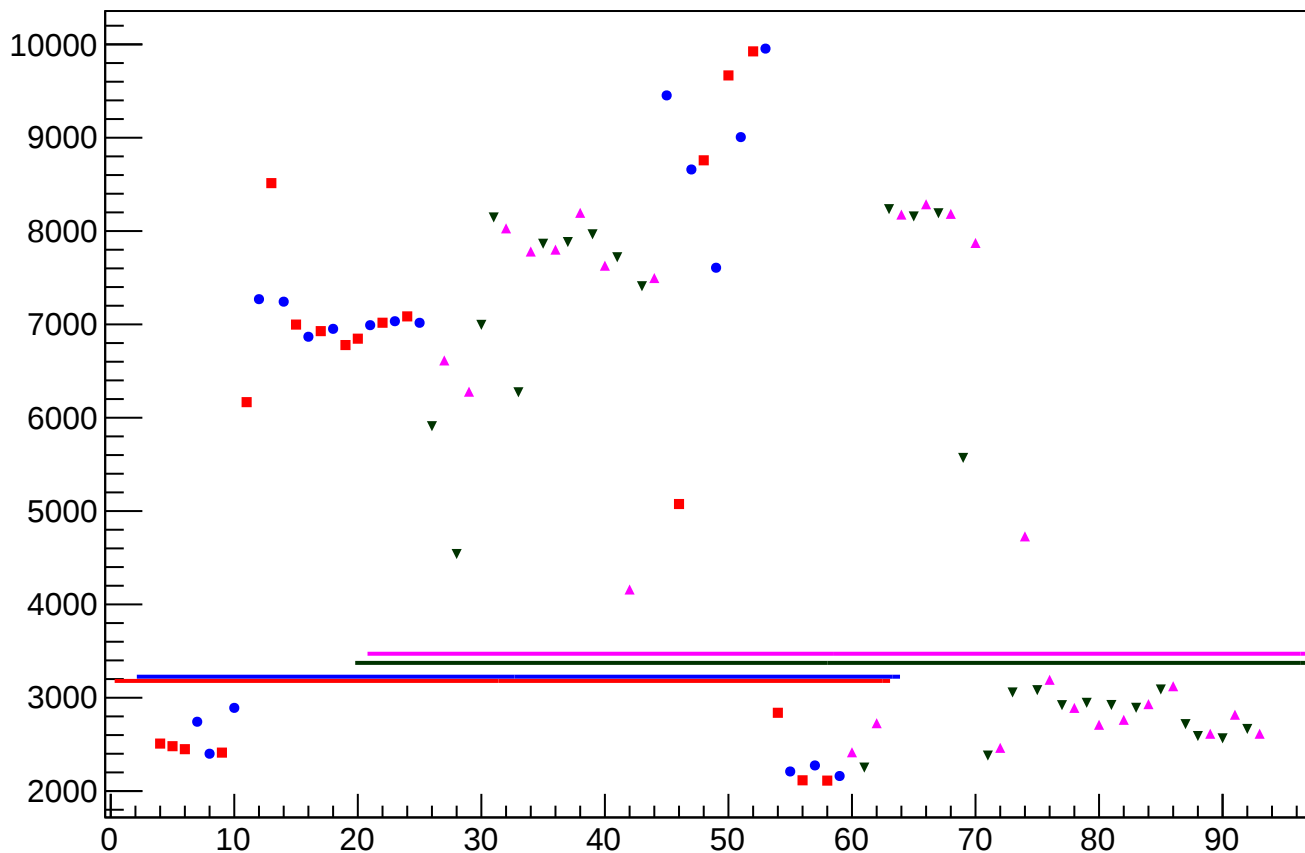
Right Out: -0.892 ± 1.197 $\chi^2/\text{NDF}: 16.1/18$

Left In: 0.279 ± 1.042 $\chi^2/\text{NDF}: 41.4/25$

2.546 ± 0.768 $\chi^2/\text{NDF}: 47.3/44$

-0.226 ± 0.786 $\chi^2/\text{NDF}: 58.0/44$

diff_bpm4aY_rms vs slug



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

Left Out: 3373.383+/-0.731 χ^2/NDF : 4661129.6/26

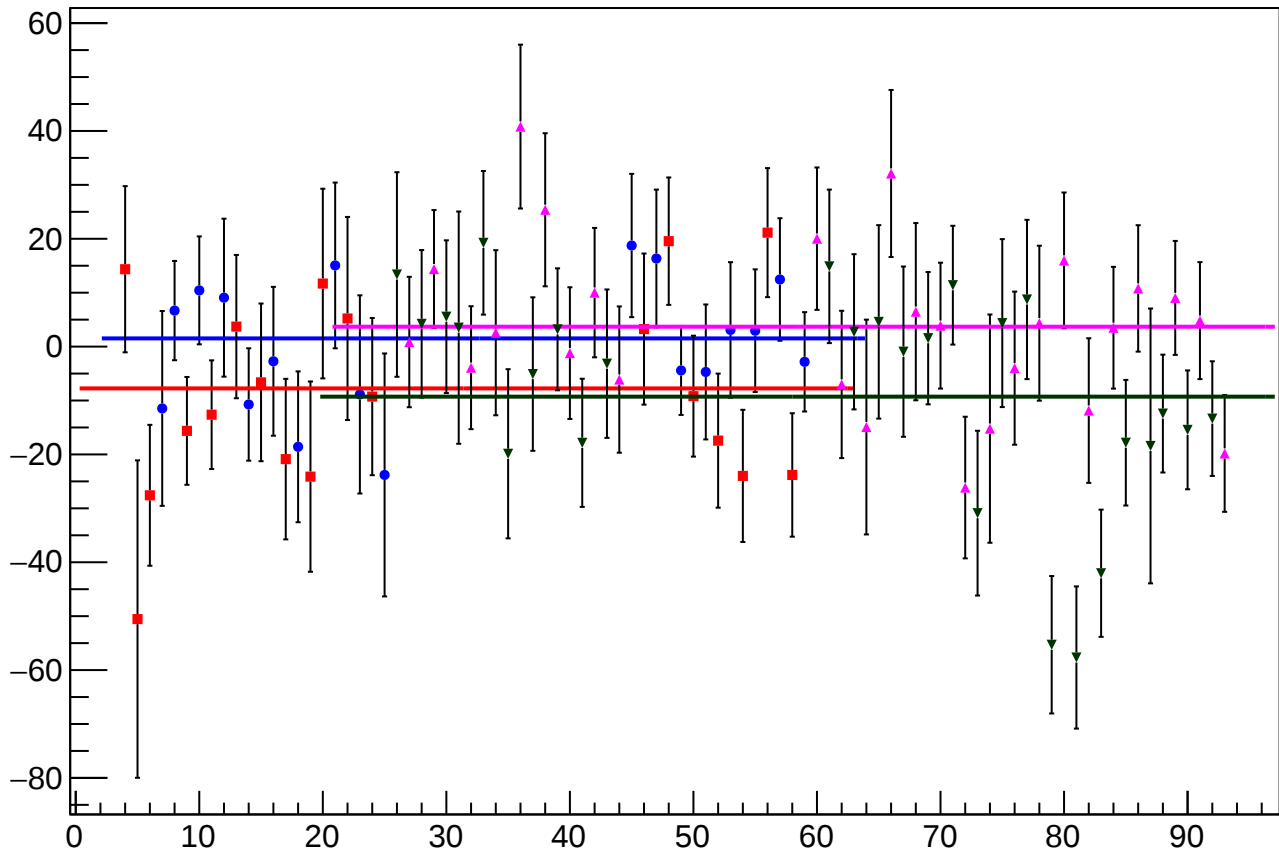
3307.126+/-0.543 χ^2/NDF : 10540267.1/44

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

3345.820+/-0.556 χ^2/NDF : 10235716.2/44

Left In: 3471.394+/-0.737 χ^2/NDF : 5114910.1/25

diff_bpm4eX_mean vs slug



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

Left Out: -9.284 ± 2.597 χ^2/NDF : 59.3/26

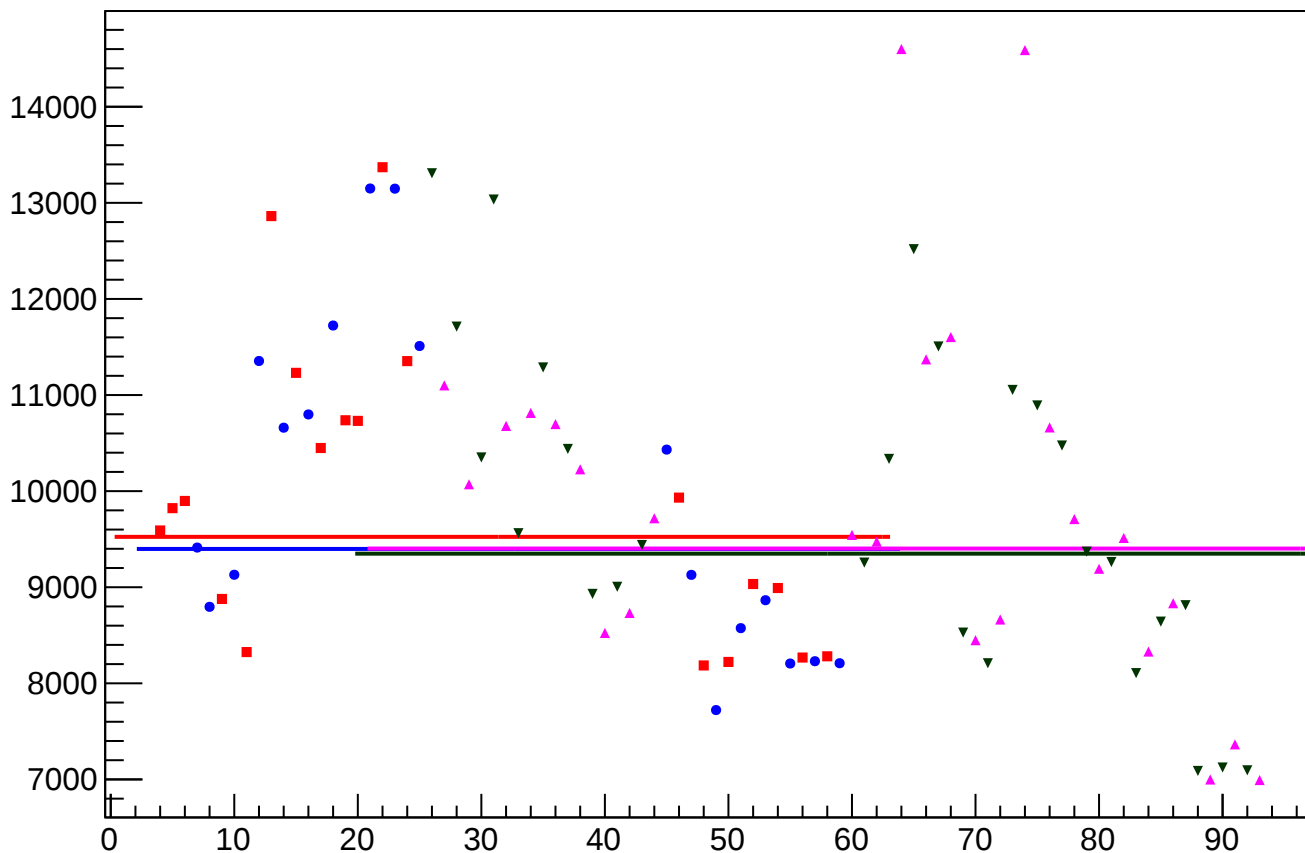
Right Out: -7.752 ± 3.046 χ^2/NDF : 27.5/18

Left In: 3.692 ± 2.539 χ^2/NDF : 31.0/25

-4.348 ± 1.914 χ^2/NDF : 80.0/44

-1.001 ± 1.950 χ^2/NDF : 66.9/44

diff_bpm4eX_rms vs slug



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

Left Out: 9349.355 $\pm$ 1.837 χ^2 /NDF: 745639.7/26

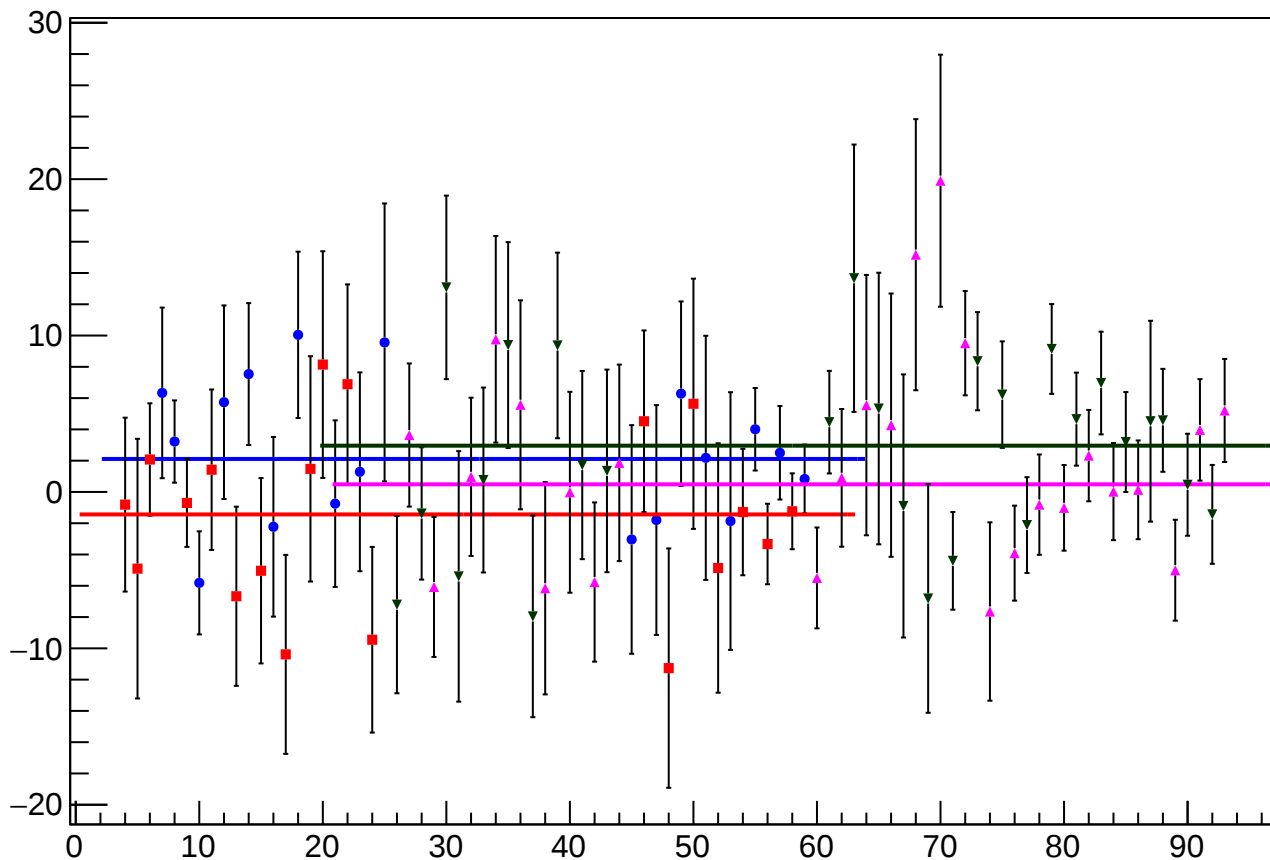
Right Out: 9524.317 $\pm$ 2.154 χ^2 /NDF: 440161.2/18

Left In: 9402.289 $\pm$ 1.795 χ^2 /NDF: 785313.4/25

9371.744 $\pm$ 1.354 χ^2 /NDF: 1300837.2/44

9452.326 $\pm$ 1.379 χ^2 /NDF: 1227368.8/44

diff_bpm4eY_mean vs slug



Right In: 2.110 ± 0.979 χ^2/NDF : 14.5/17

Left Out: 2.959 ± 0.797 χ^2/NDF : 38.9/26

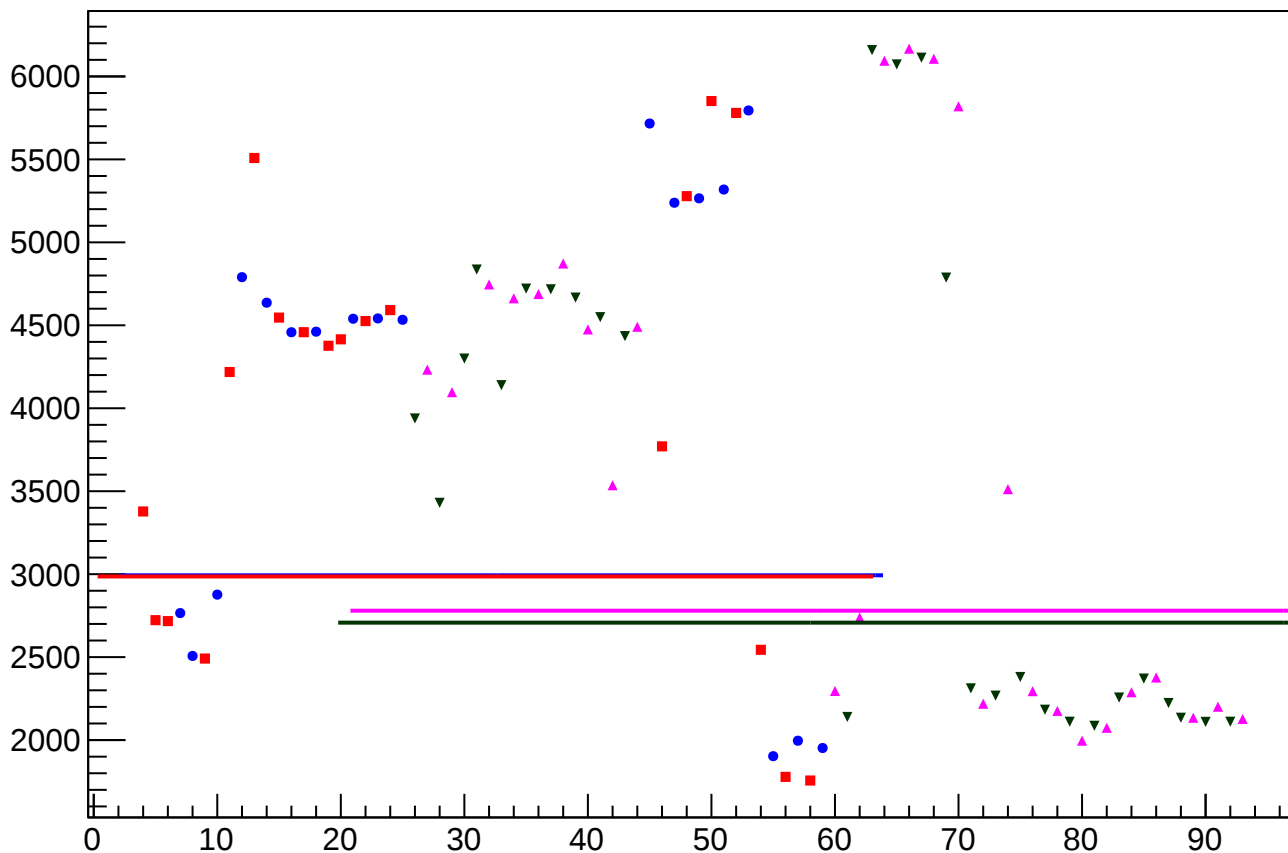
Right Out: -1.438 ± 1.040 χ^2/NDF : 14.4/18

Left In: 0.487 ± 0.800 χ^2/NDF : 38.9/25

2.620 ± 0.618 χ^2/NDF : 53.9/44

-0.229 ± 0.634 χ^2/NDF : 55.4/44

diff_bpm4eY_rms vs slug



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

Left Out: 2707.788+/-0.564 χ^2/NDF : 3257226.1/26

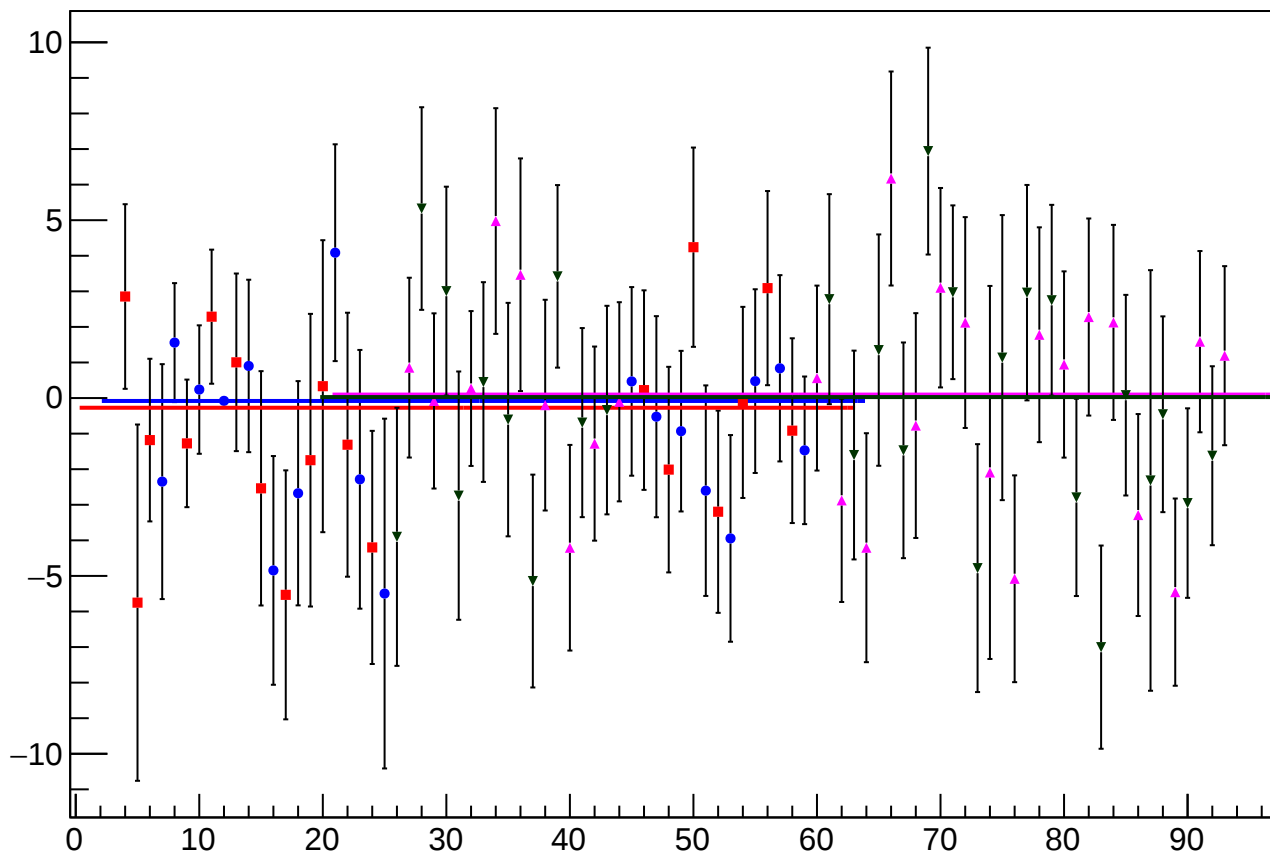
Right Out: 2986.116+/-0.736 χ^2/NDF : 2945634.2/18

Left In: 2779.832+/-0.566 χ^2/NDF : 3586826.1/25

2821.605+/-0.437 χ^2/NDF : 6677553.7/44

2856.532+/-0.449 χ^2/NDF : 6581864.2/44

diff_bpm4acX_mean vs slug



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

Left Out: 0.028 ± 0.569 χ^2/NDF : 32.8/26

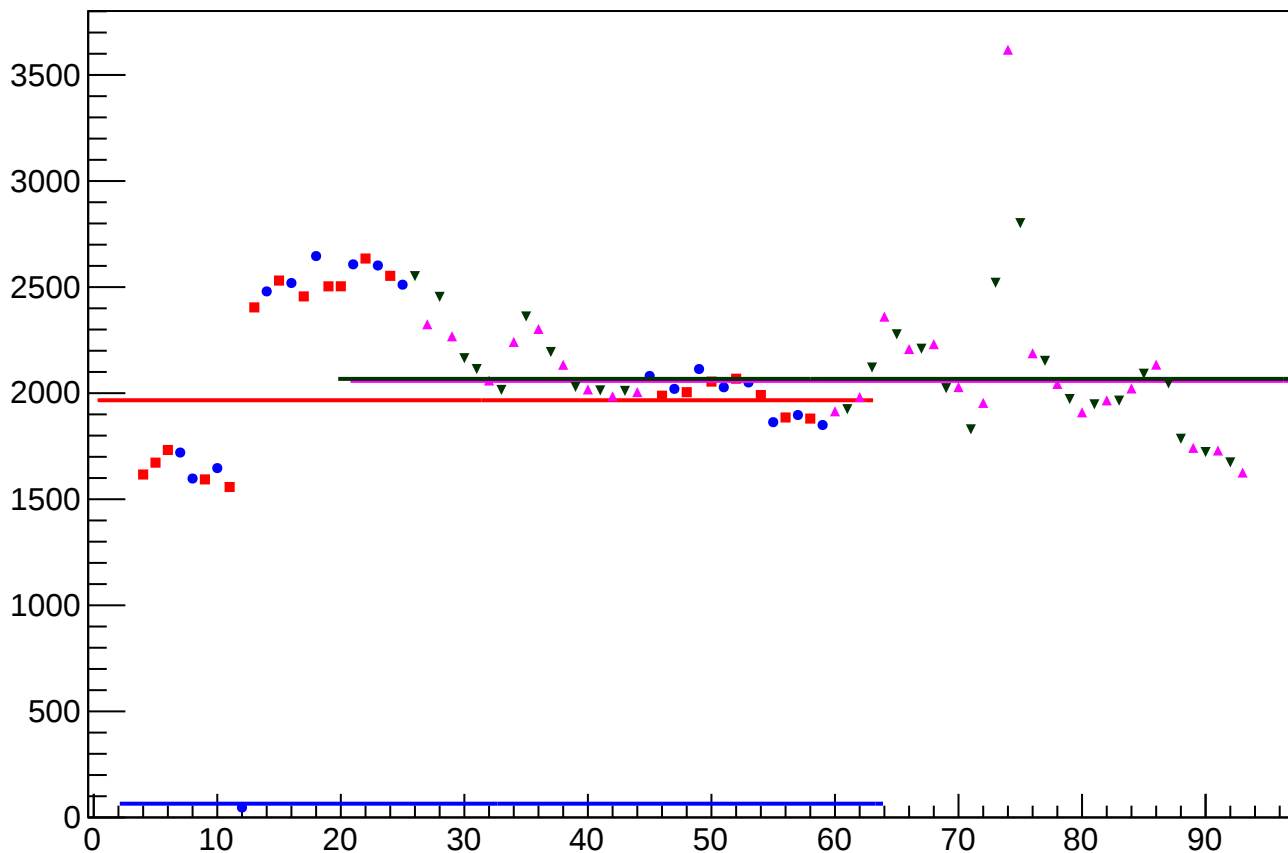
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: 0.098 ± 0.551 χ^2/NDF : 26.0/25

-0.081 ± 0.060 χ^2/NDF : 44.1/44

-0.062 ± 0.415 χ^2/NDF : 41.5/44

diff_bpm4acX_rms vs slug



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

Left Out: 2067.373+/-0.402 χ^2 /NDF:350037.2/26

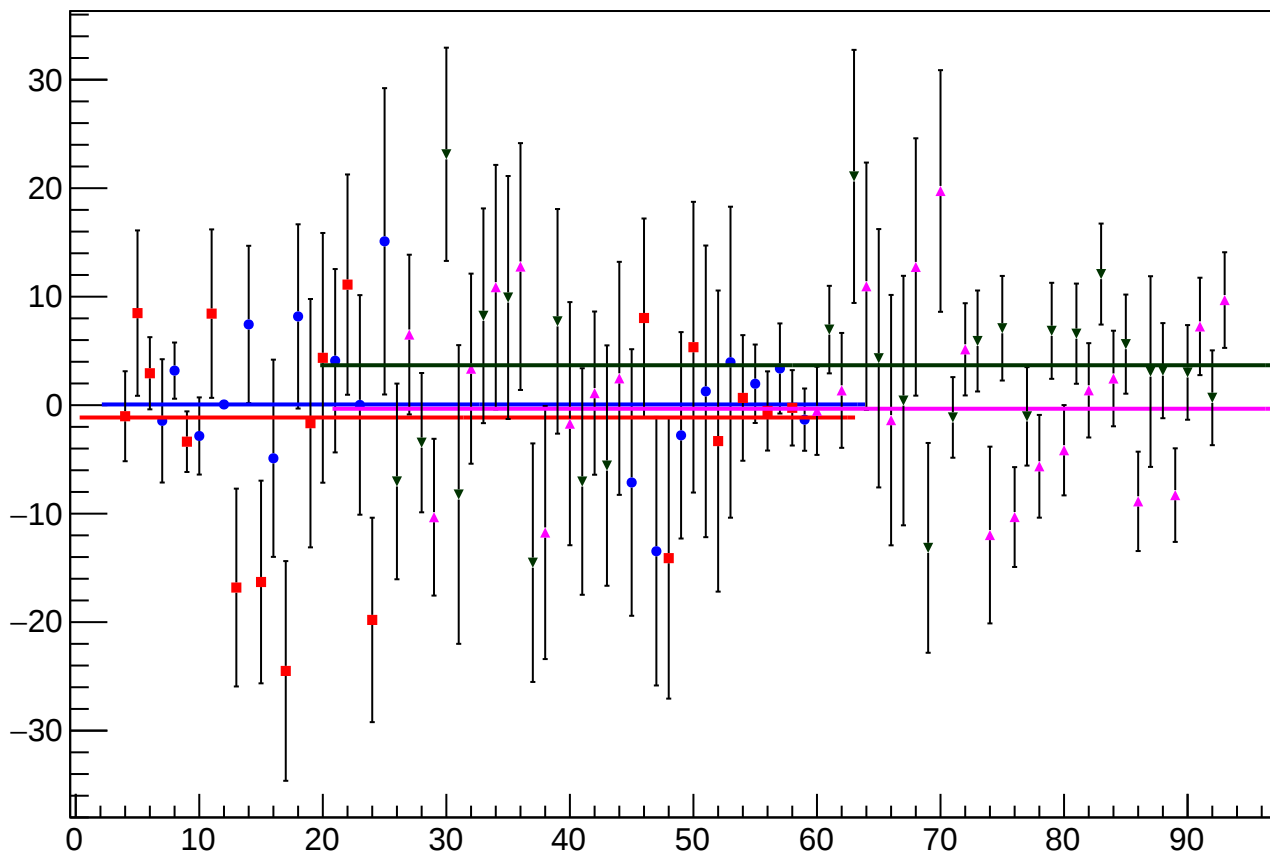
Right Out: 1966.634+/-0.446 χ^2 /NDF: 610680.3/18

Left In: 2057.948+/-0.390 χ^2 /NDF:410167.7/25

86.970+/-0.042 χ^2 /NDF: 45111776.5/44

2018.459+/-0.294 χ^2 /NDF: 1044602.8/44

diff_bpm4acY_mean vs slug



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

Left Out: 3.680 ± 1.139 χ^2/NDF : 26.8/26

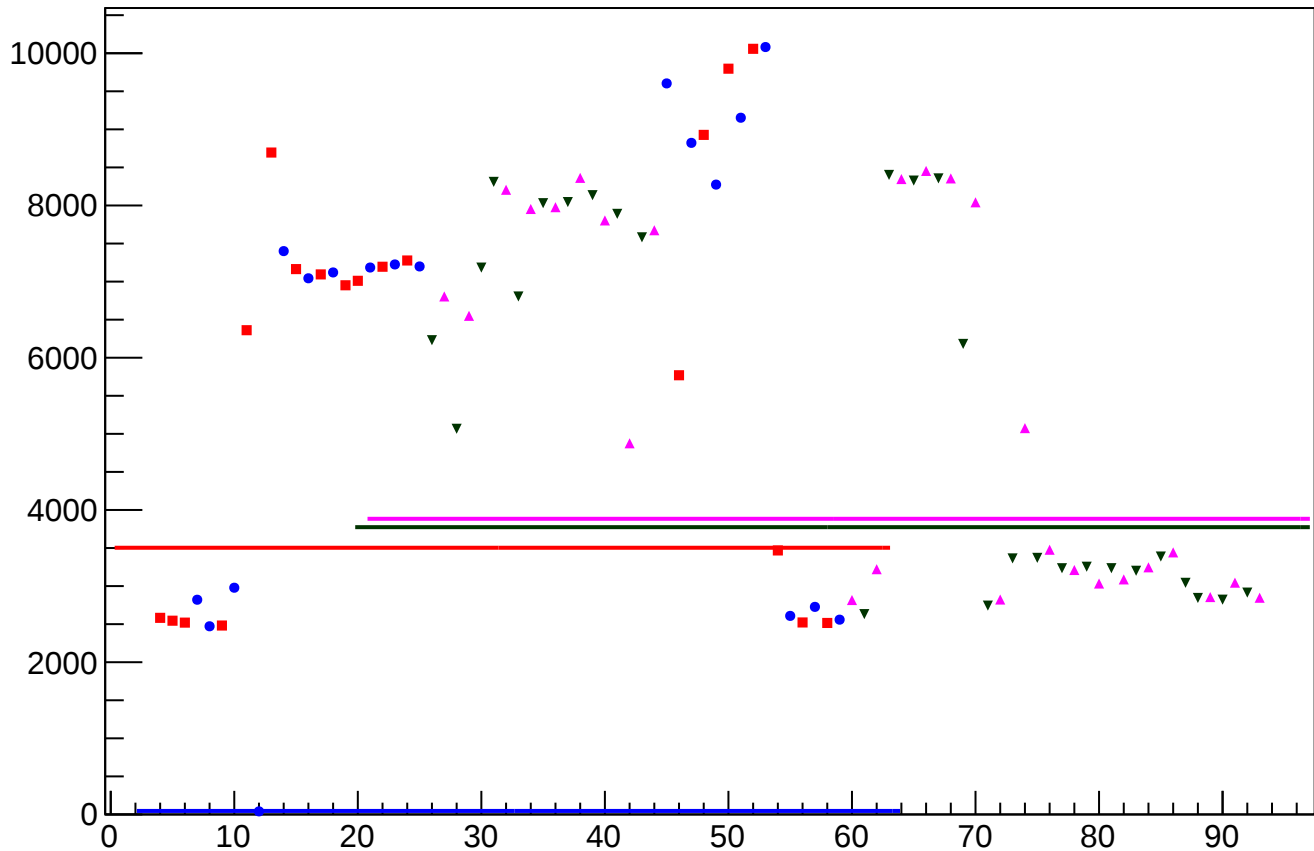
0.073 ± 0.052 χ^2/NDF : 45.5/44

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

-0.685 ± 0.858 χ^2/NDF : 62.3/44

Left In: -0.330 ± 1.146 χ^2/NDF : 37.9/25

diff_bpm4acY_rms vs slug



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

Left Out: 3774.104+/-0.805 χ^2/NDF :4164042.6/26

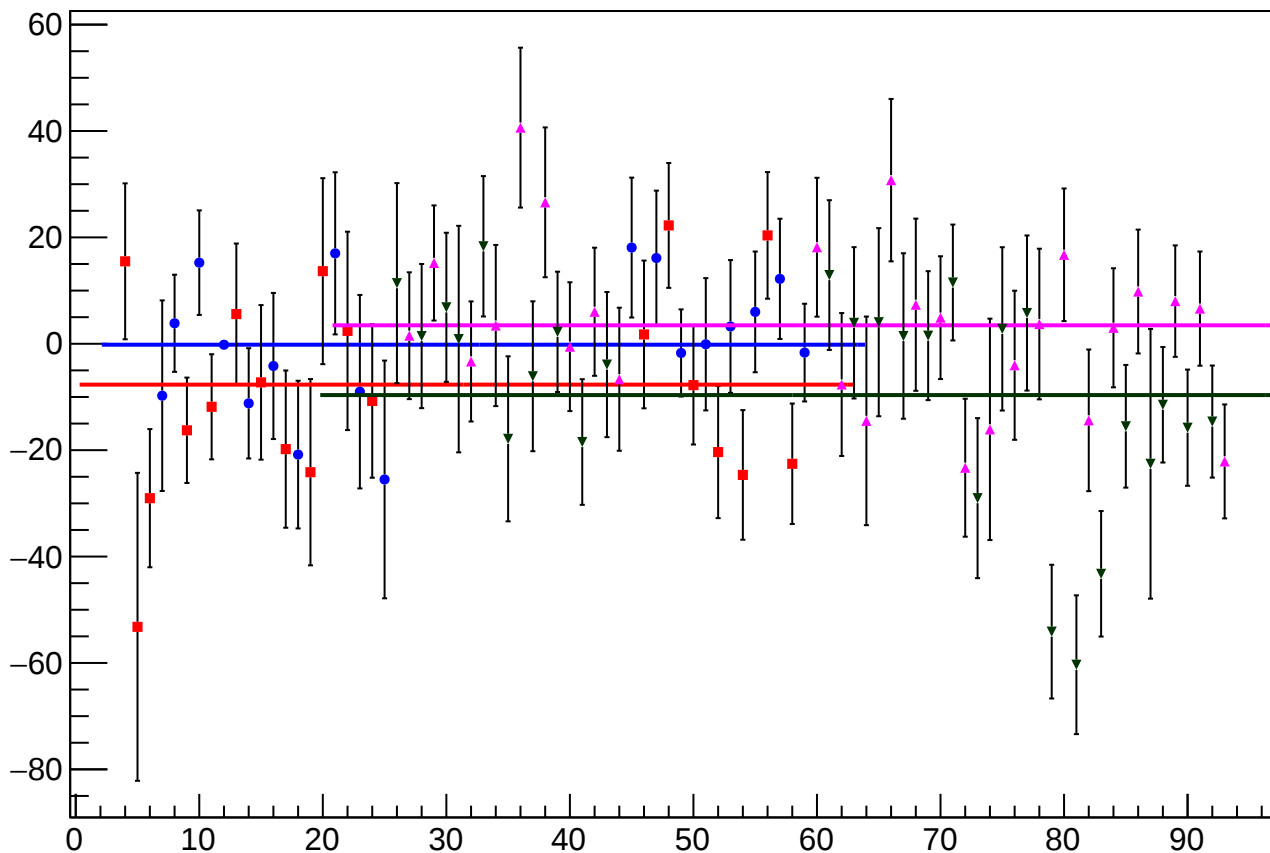
Right Out: 3503.720+/-0.916 χ^2/NDF : 4669685.2/18

Left In: 3884.062+/-0.810 χ^2/NDF :4498239.1/25

54.041+/-0.037 χ^2/NDF : 45738746.1/44

3717.045+/-0.607 χ^2/NDF : 9264652.9/44

diff_bpm4ecX_mean vs slug



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

Left Out: -9.641 ± 2.572 χ^2/NDF : 59.7/26

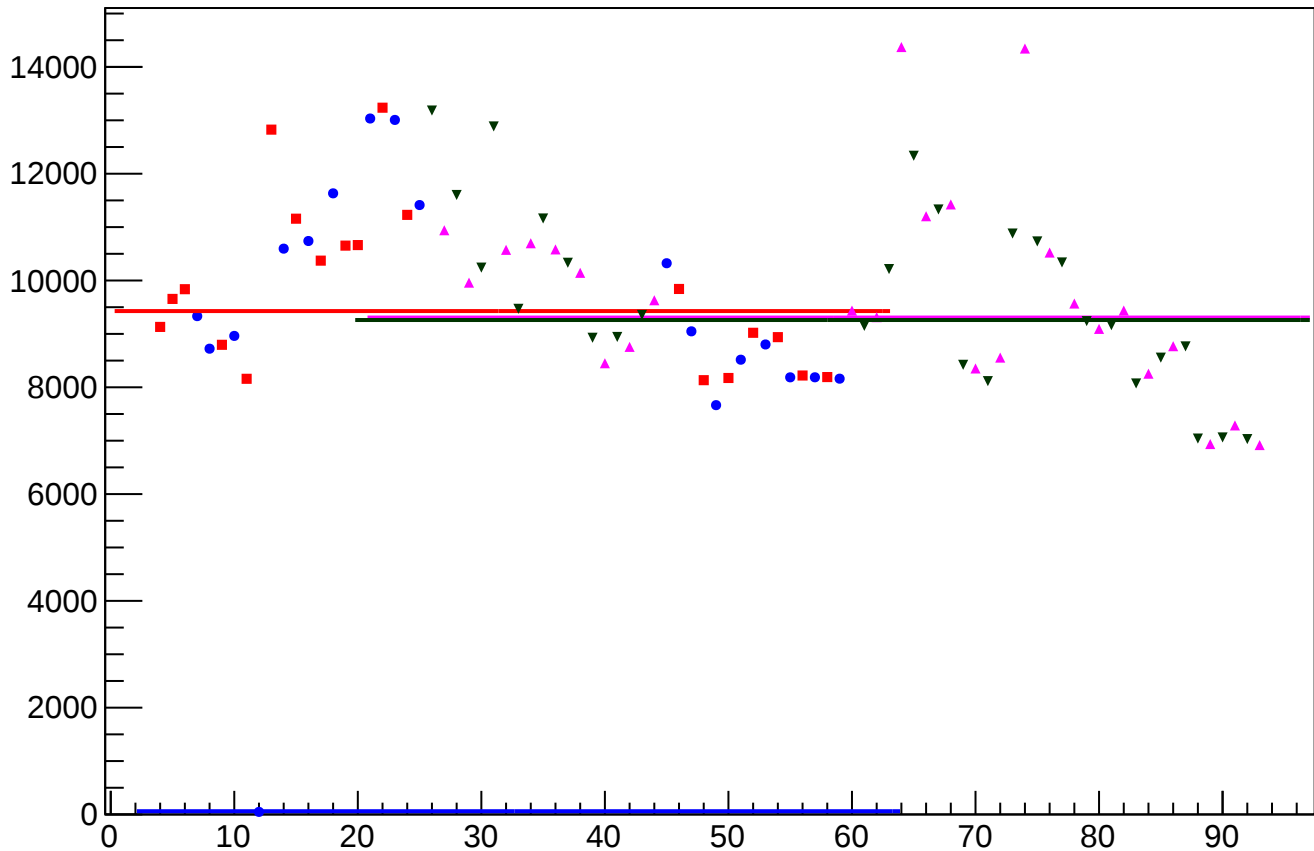
Right Out: -7.679 ± 3.015 χ^2/NDF : 30.2/18

Left In: 3.474 ± 2.513 χ^2/NDF : 31.8/25

-0.190 ± 0.106 χ^2/NDF : 87.6/44

-1.097 ± 1.930 χ^2/NDF : 70.1/44

diff_bpm4ecX_rms vs slug



Right In: 60.738 $\pm$ 0.075 χ^2 /NDF: 21121924.5/17

Left Out: 9260.018 $\pm$ 1.819 χ^2 /NDF: 732194.4/26

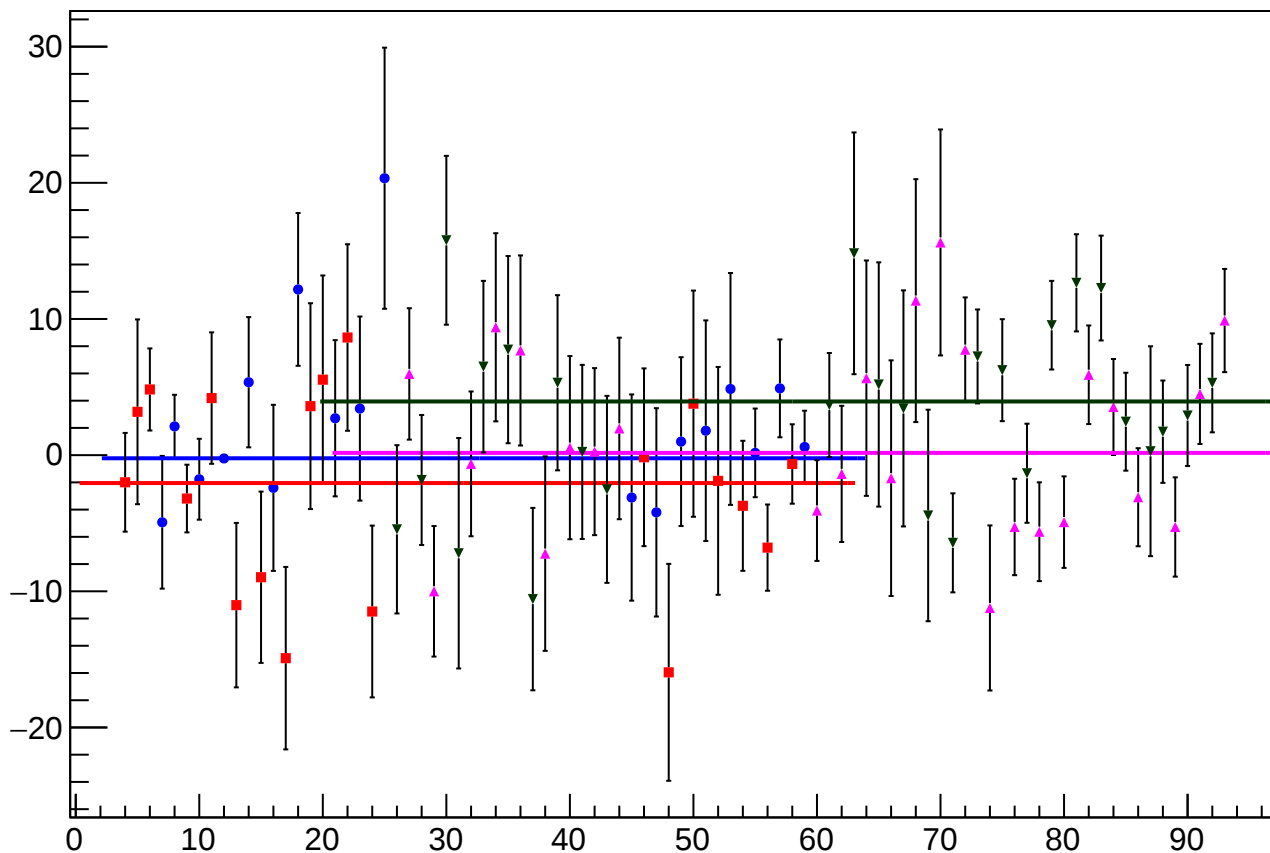
Right Out: 9427.549 $\pm$ 2.132 χ^2 /NDF: 447350.4/18

Left In: 9306.224 $\pm$ 1.777 χ^2 /NDF: 771230.3/25

76.475 $\pm$ 0.075 χ^2 /NDF: 47391158.8/44

9355.939 $\pm$ 1.365 χ^2 /NDF: 1220491.7/44

diff_bpm4ecY_mean vs slug



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

Left Out: 3.941 ± 0.901 χ^2/NDF : 44.4/26

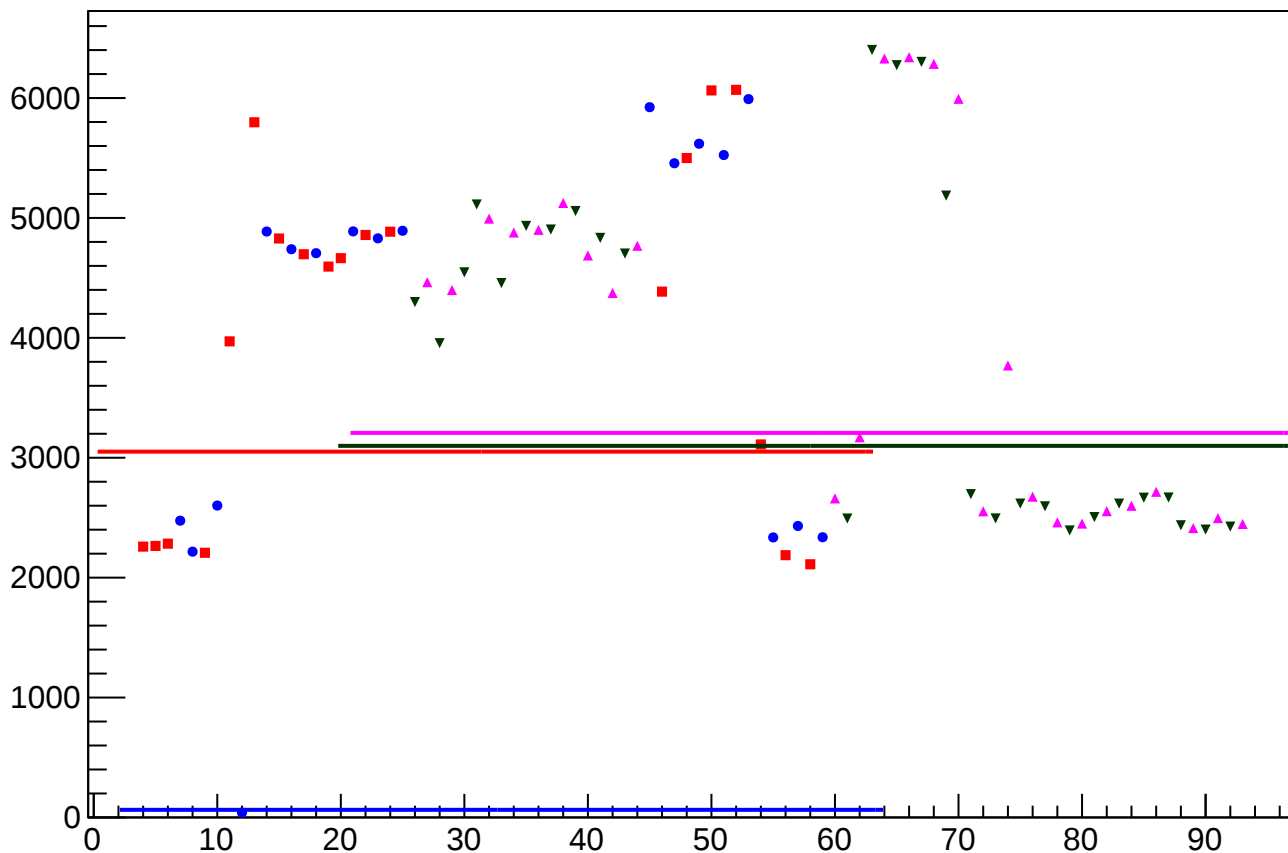
Right Out: -2.049 ± 1.055 χ^2/NDF : 27.2/18

Left In: 0.165 ± 0.908 χ^2/NDF : 46.0/25

-0.189 ± 0.089 χ^2/NDF : 82.4/44

-0.777 ± 0.688 χ^2/NDF : 75.8/44

diff_bpm4ecY_rms vs slug



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

Left Out: 3099.141 $\pm$ 0.637 χ^2 /NDF: 2754003.5/26

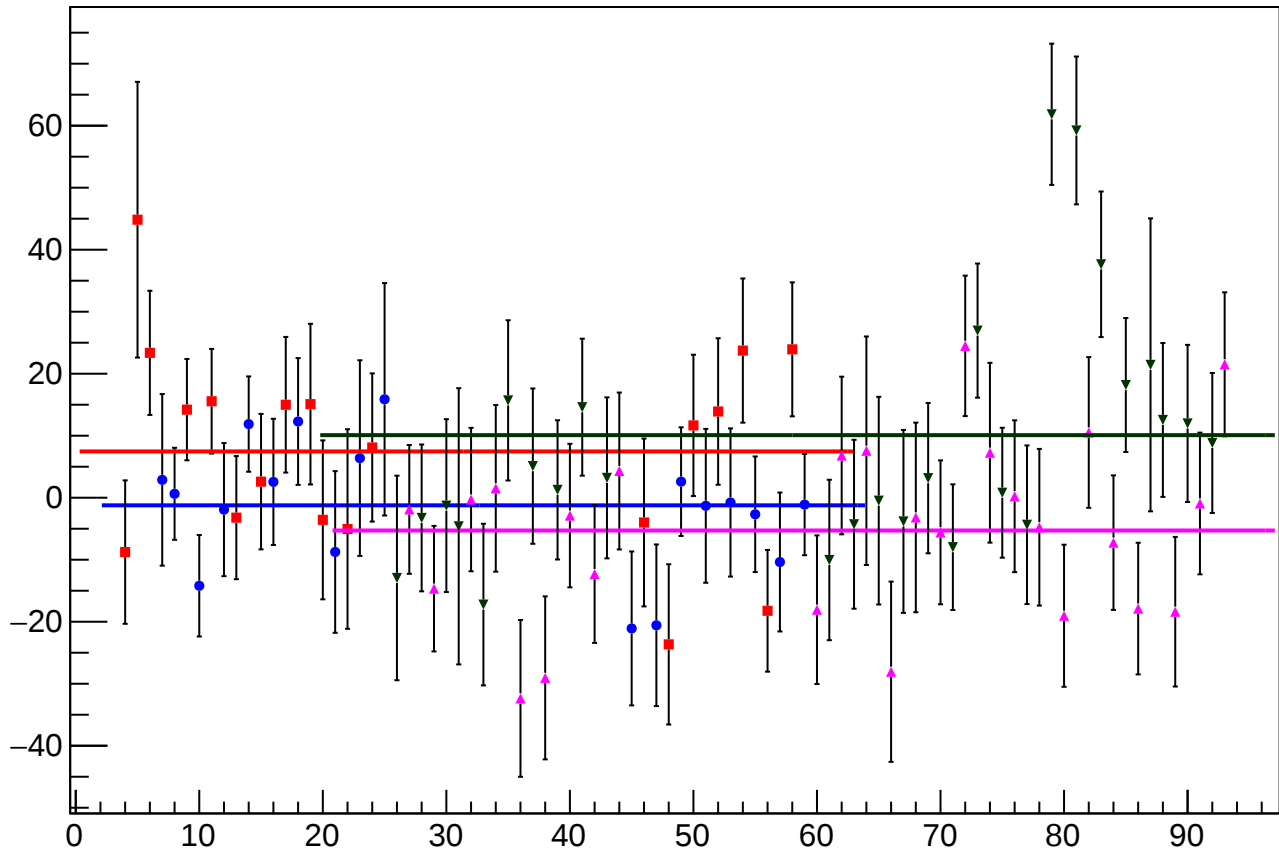
Right Out: 3050.872 $\pm$ 0.746 χ^2 /NDF: 2882138.2/18

Left In: 3207.138 $\pm$ 0.642 χ^2 /NDF: 2891865.8/25

93.596 $\pm$ 0.063 χ^2 /NDF: 45508914.9/44

3140.675 $\pm$ 0.487 χ^2 /NDF: 5799200.6/44

diff_bpm1X_mean vs slug



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

Left Out: 10.091 ± 2.418 χ^2/NDF : 67.0/26

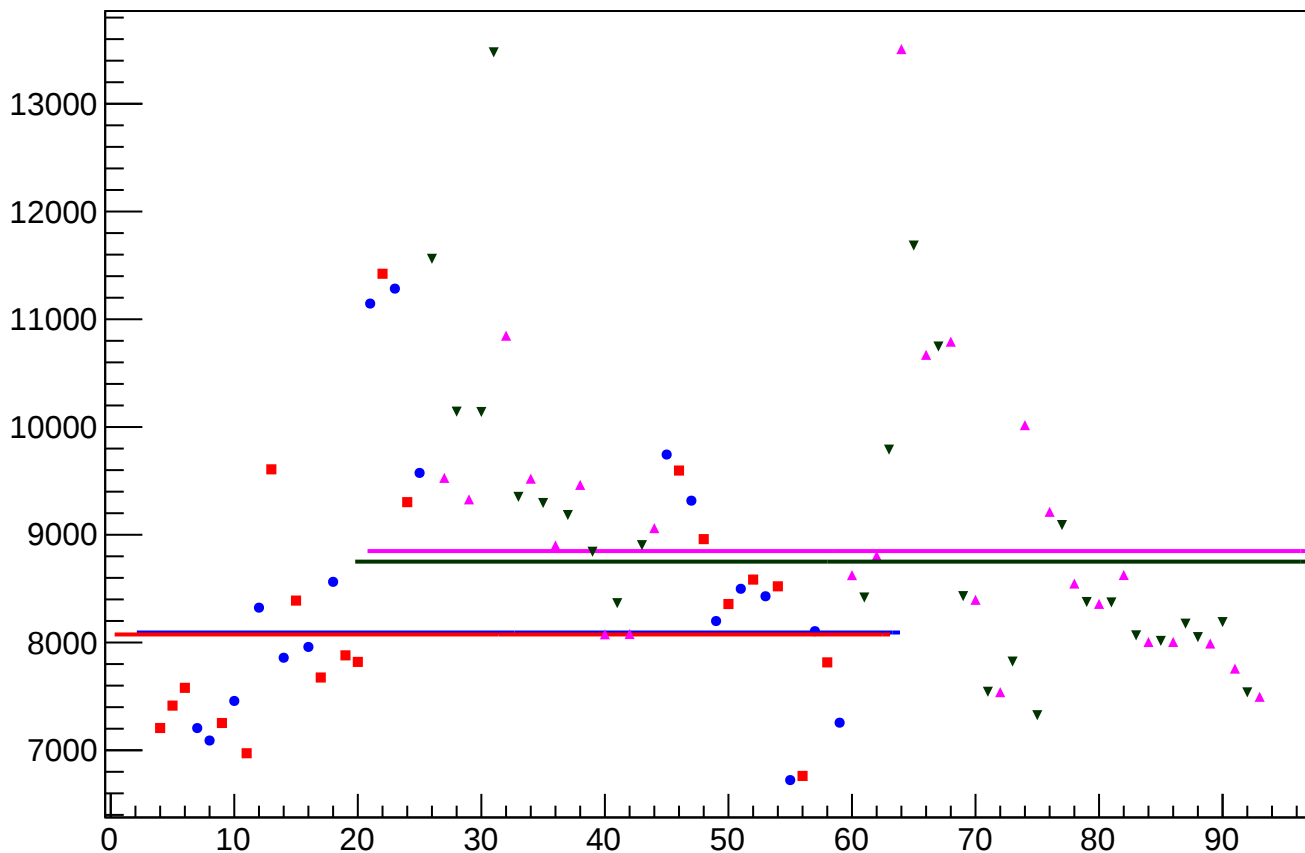
Right Out: 7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -5.285 ± 2.373 χ^2/NDF : 34.4/25

4.460 ± 1.714 χ^2/NDF : 92.4/44

0.573 ± 1.745 χ^2/NDF : 78.2/44

diff_bpm1X_rms vs slug



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

Left Out: 8750.674 $\pm$ 1.710 χ^2 /NDF:457430.4/26

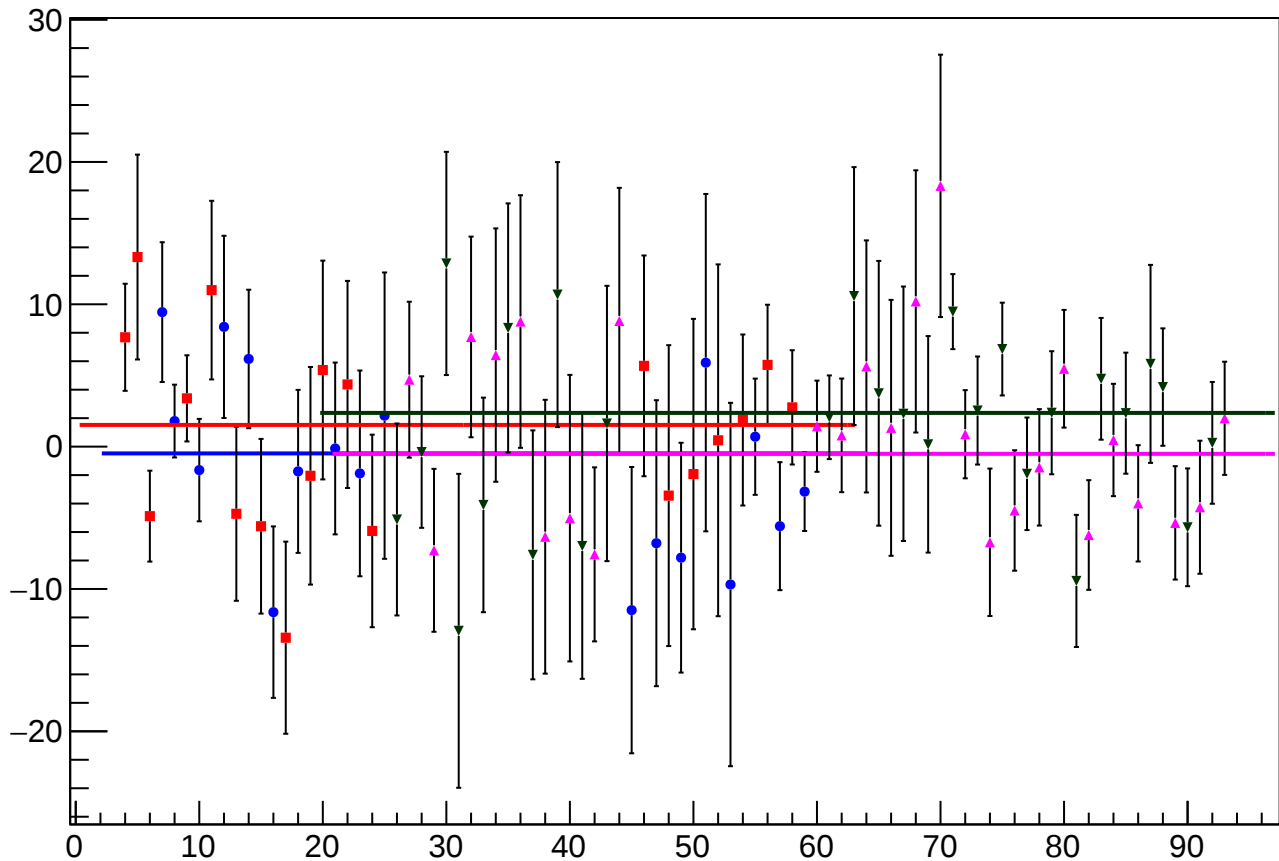
Right Out: 8074.654 $\pm$ 1.820 χ^2 /NDF: 312658.9/18

Left In: 8848.803 $\pm$ 1.678 χ^2 /NDF:423780.8/25

8423.470 $\pm$ 1.212 χ^2 /NDF: 920420.8/44

8493.147 $\pm$ 1.234 χ^2 /NDF: 834249.6/44

diff_bpm1Y_mean vs slug



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

Left Out: 2.369 ± 0.952 χ^2/NDF : 32.1/26

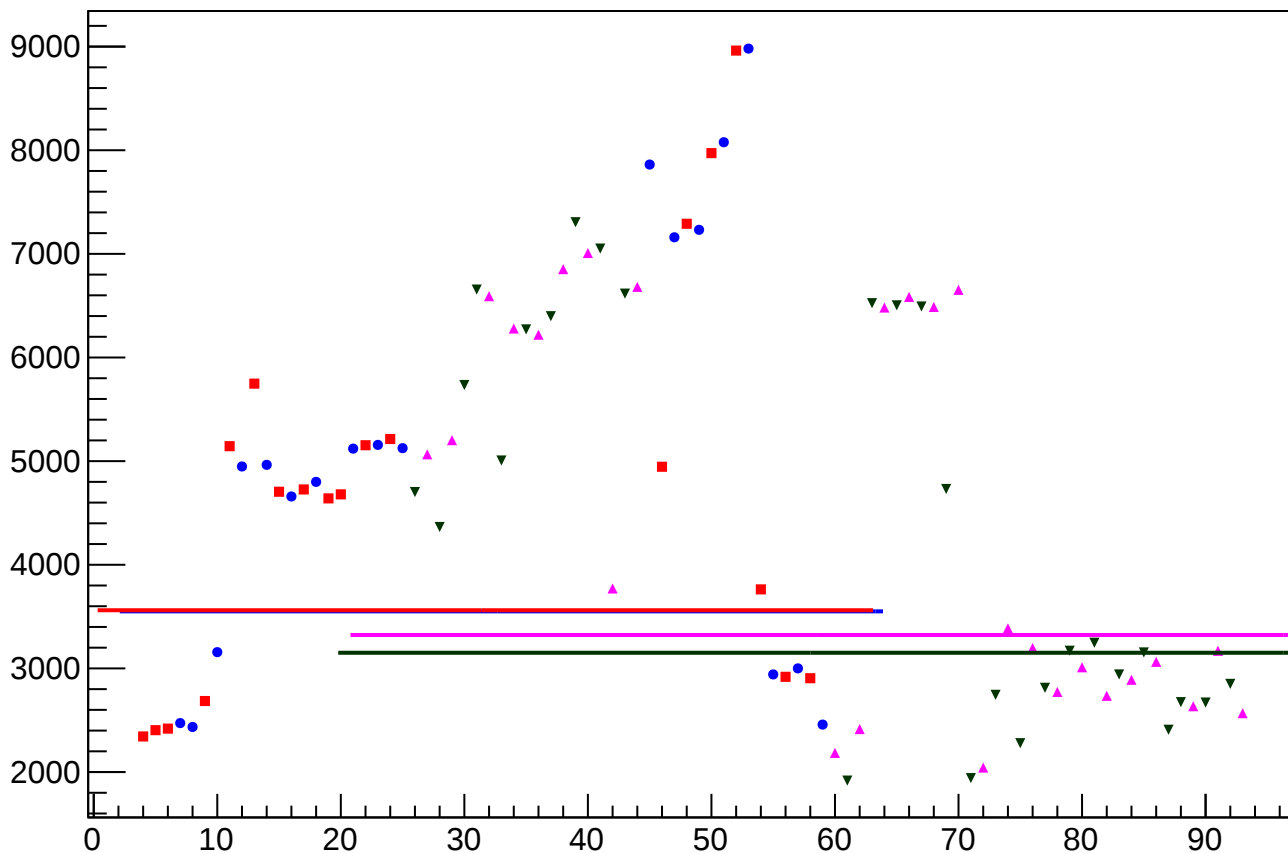
Right Out: 1.525 ± 1.232 χ^2/NDF : 22.9/18

Left In: -0.506 ± 0.973 χ^2/NDF : 25.0/25

1.225 ± 0.736 χ^2/NDF : 53.6/44

0.274 ± 0.764 χ^2/NDF : 49.5/44

diff_bpm1Y_rms vs slug



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

Left Out: 3151.042+/-0.673 χ^2/NDF : 4233813.1/26

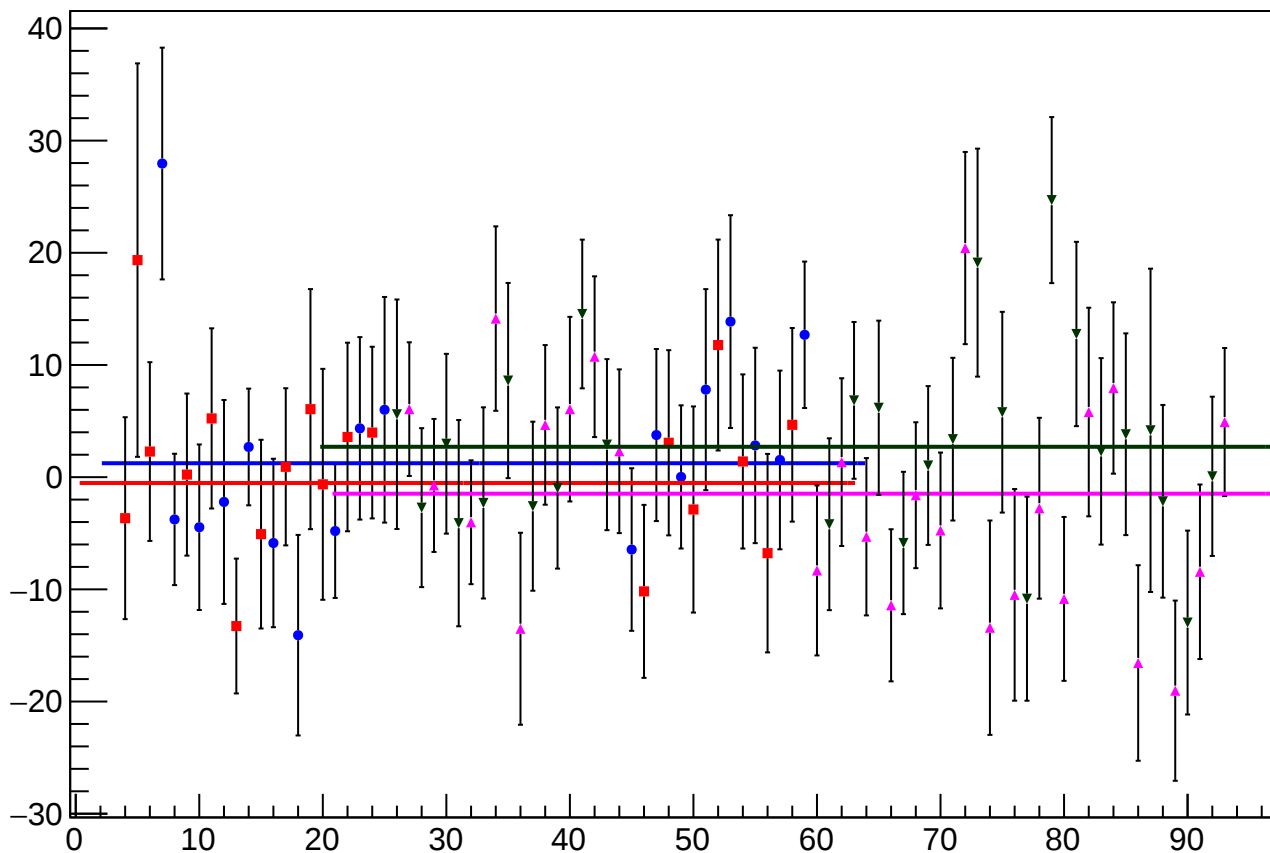
Right Out: 3561.233+/-0.871 χ^2/NDF : 2618224.4/18

Left In: 3322.368+/-0.688 χ^2/NDF : 4063139.0/25

3311.658+/-0.521 χ^2/NDF : 7669237.1/44

3414.137+/-0.540 χ^2/NDF : 6727676.5/44

diff_bpm11X_mean vs slug



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

Left Out: 2.708 ± 1.532 χ^2/NDF : 28.6/26

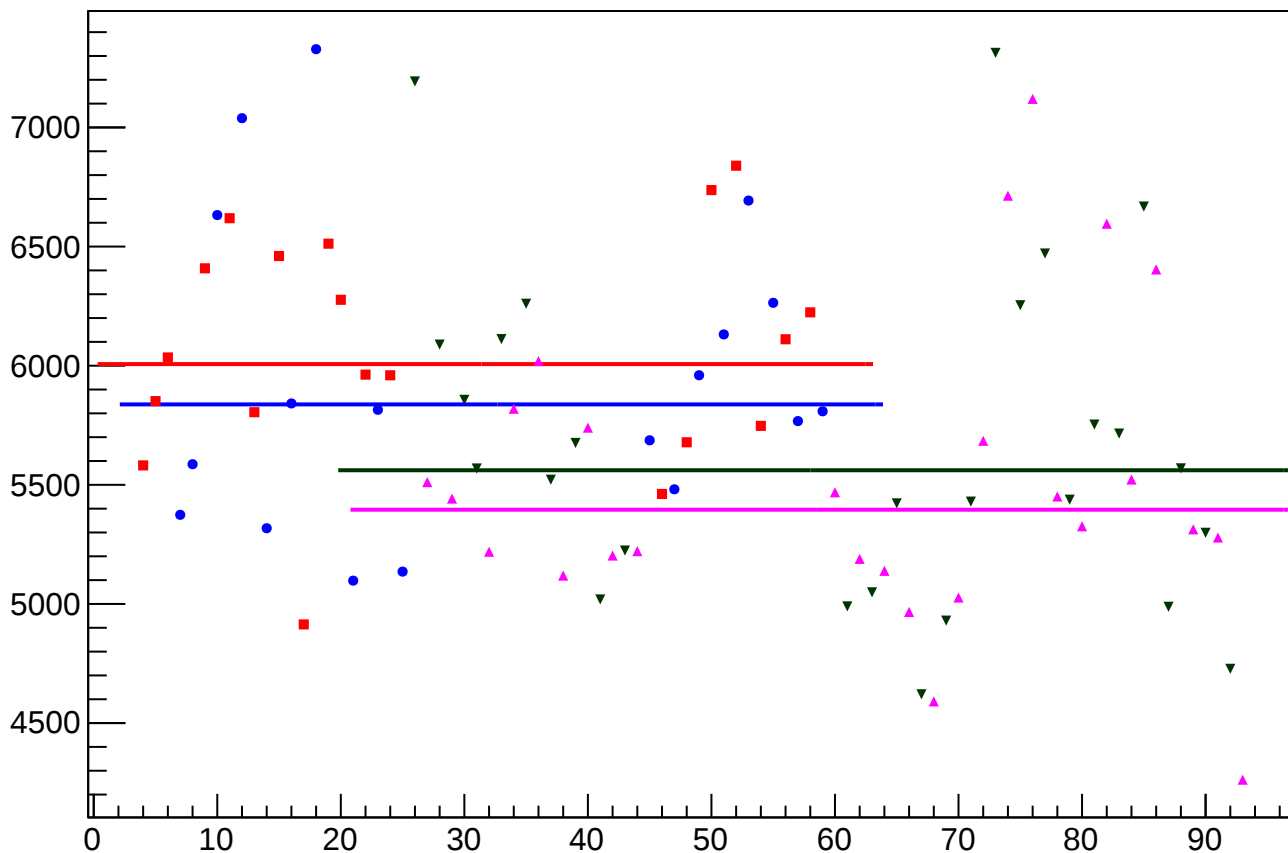
Right Out: -0.521 ± 1.907 χ^2/NDF : 12.3/18

Left In: -1.473 ± 1.444 χ^2/NDF : 38.1/25

2.072 ± 1.153 χ^2/NDF : 49.2/44

-1.126 ± 1.151 χ^2/NDF : 50.6/44

diff_bpm11X_rms vs slug



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

Left Out: 5561.183 ± 1.083 $\chi^2/\text{NDF}: 343730.6/26$

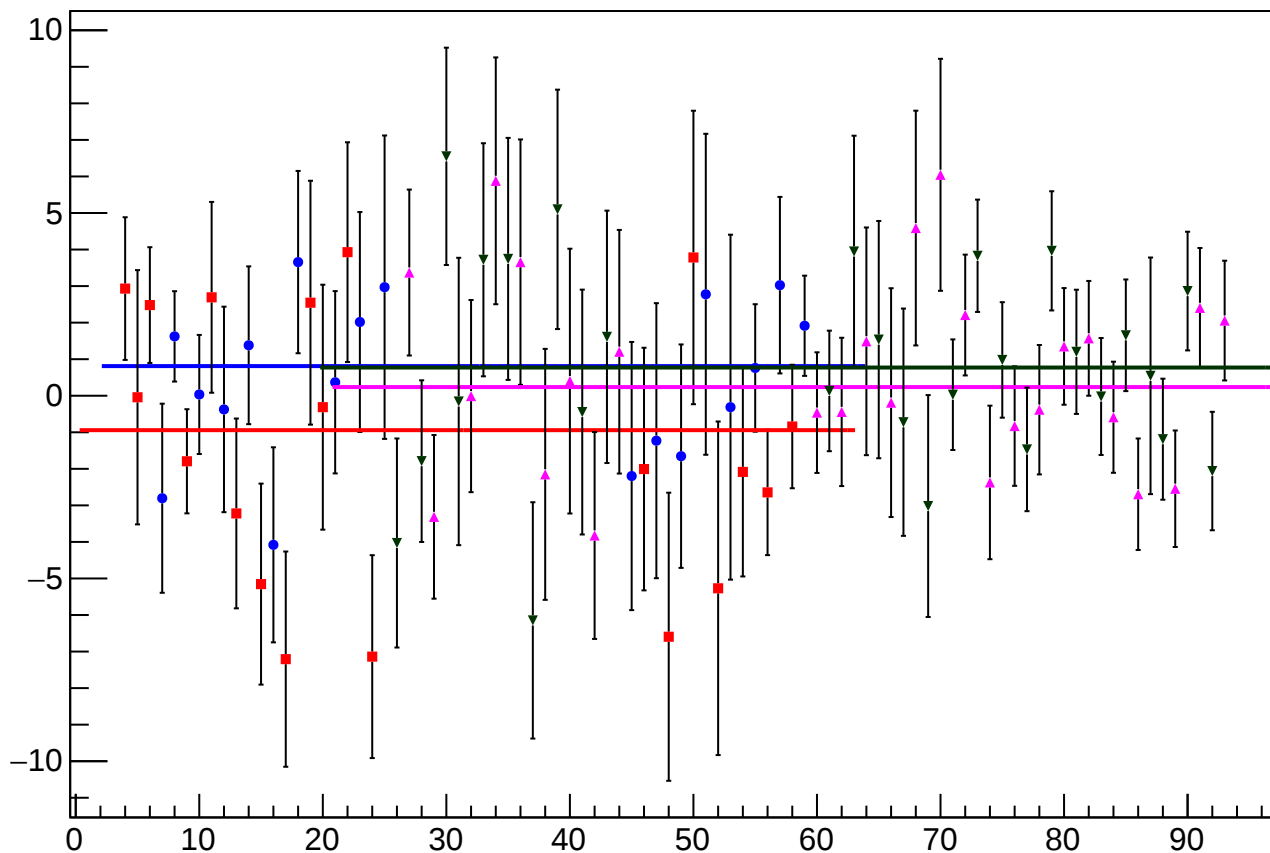
Right Out: 6006.736 ± 1.348 $\chi^2/\text{NDF}: 130455.1/18$

Left In: 5395.548 ± 1.021 $\chi^2/\text{NDF}: 304360.8/25$

5680.985 ± 0.815 $\chi^2/\text{NDF}: 583261.1/44$

5618.435 ± 0.814 $\chi^2/\text{NDF}: 565402.1/44$

diff_bpm11Y_mean vs slug



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

Left Out: 0.772 ± 0.402 χ^2/NDF : 35.7/26

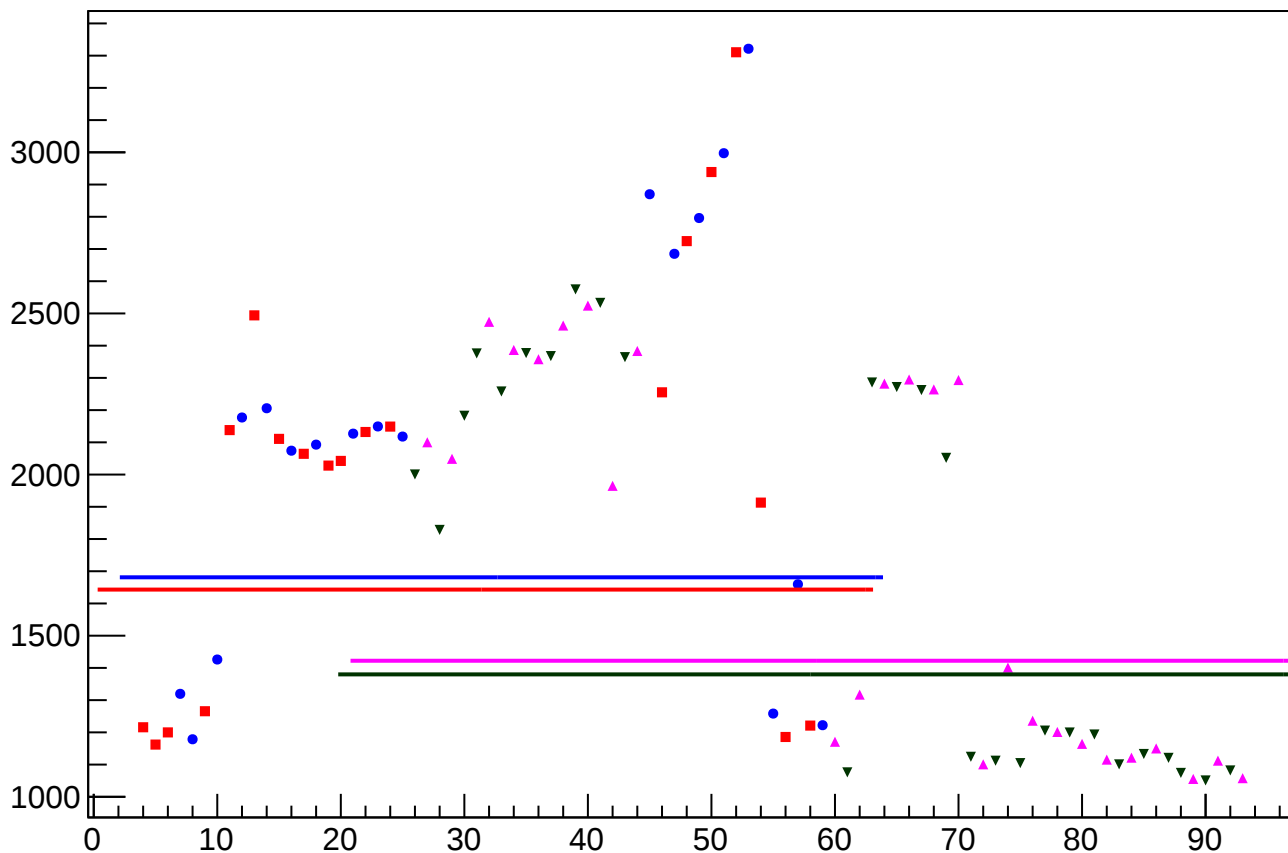
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: 0.237 ± 0.402 χ^2/NDF : 31.3/25

0.786 ± 0.320 χ^2/NDF : 47.1/44

-0.171 ± 0.325 χ^2/NDF : 67.2/44

diff_bpm11Y_rms vs slug



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

Left Out: 1379.919+/-0.284 χ^2/NDF : 2869534.3/26

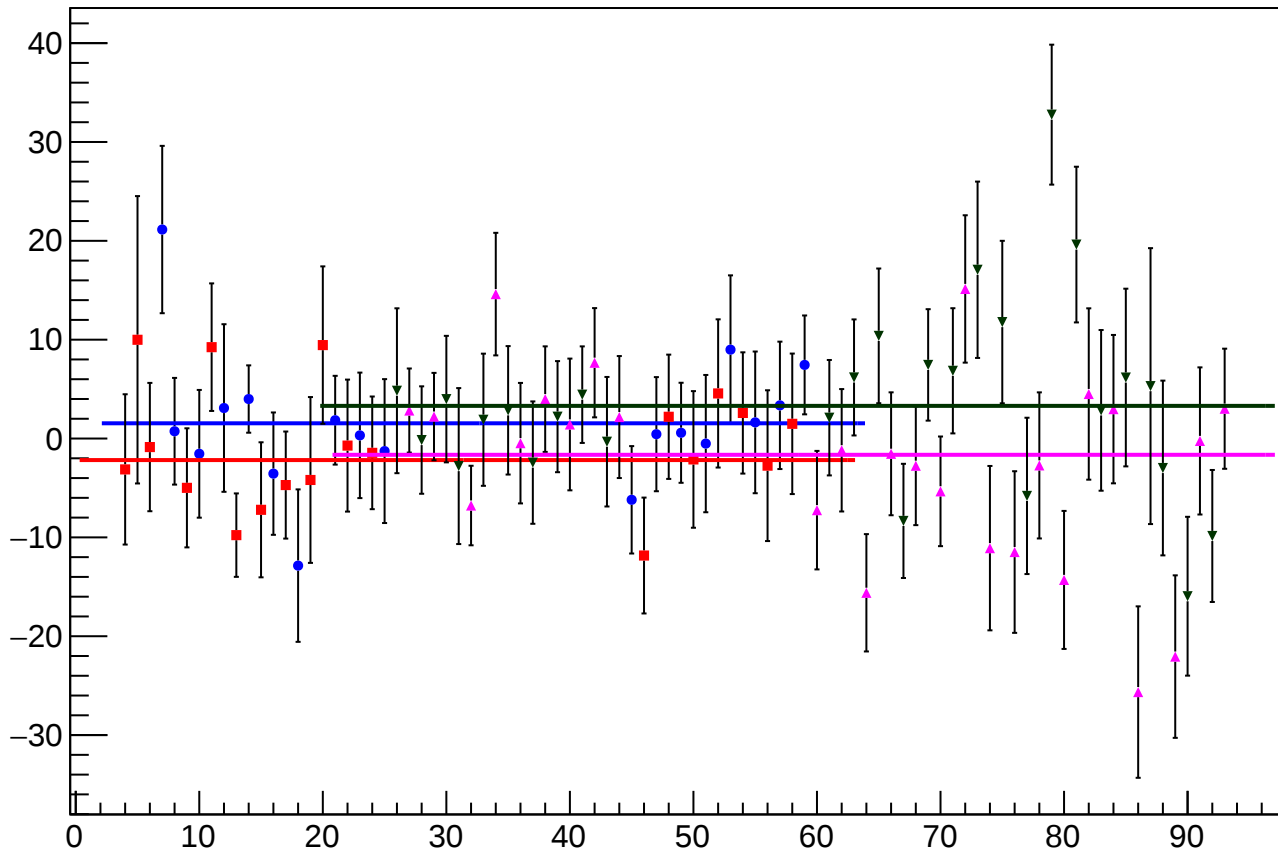
Right Out: 1643.071+/-0.391 χ^2/NDF : 1969332.5/18

Left In: 1422.228+/-0.284 χ^2/NDF : 2909952.2/25

1489.234+/-0.227 χ^2/NDF : 5490976.8/44

1498.672+/-0.230 χ^2/NDF : 5088183.3/44

diff_bpm12X_mean vs slug



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

Left Out: 3.304 ± 1.305 χ^2/NDF : 45.3/26

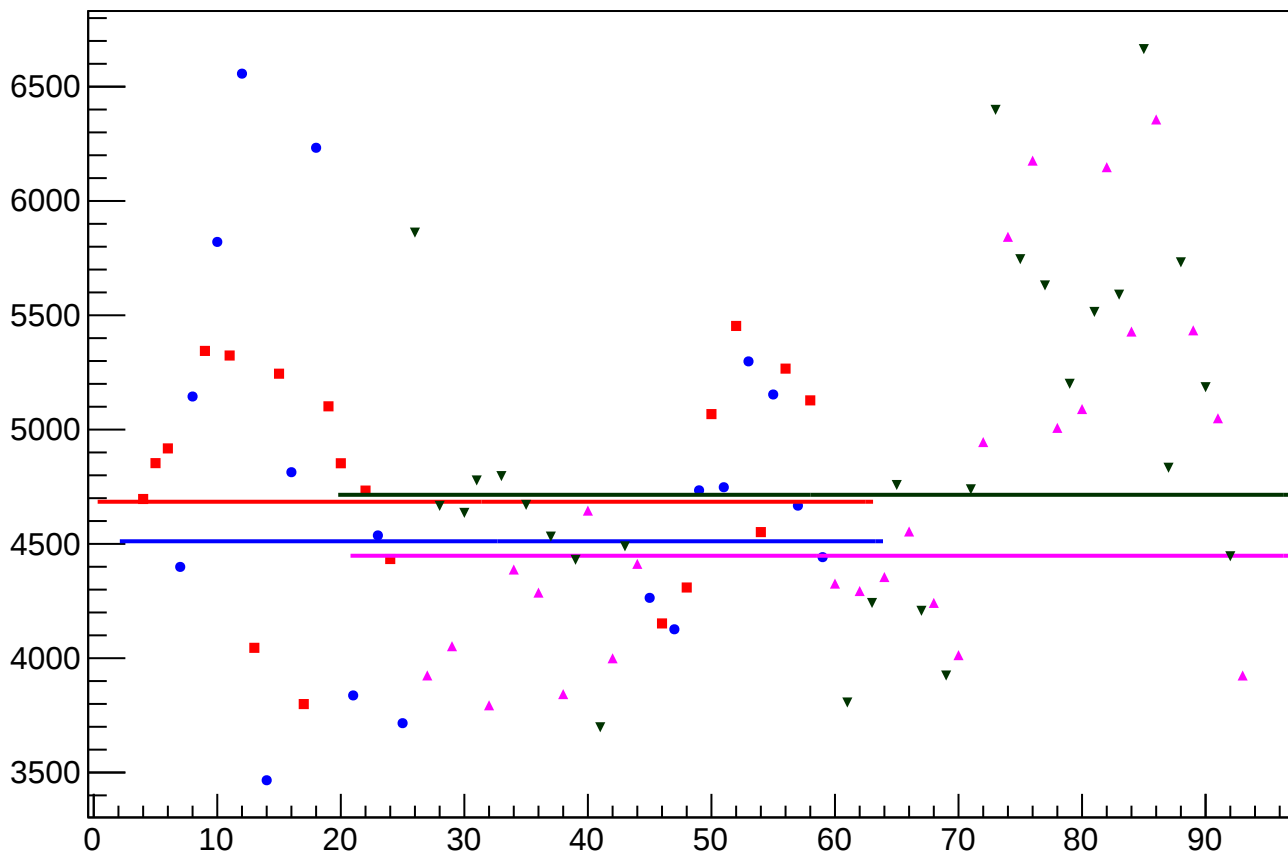
Right Out: -2.180 ± 1.492 χ^2/NDF : 15.2/18

Left In: -1.646 ± 1.198 χ^2/NDF : 48.3/25

2.465 ± 0.945 χ^2/NDF : 61.3/44

-1.855 ± 0.934 χ^2/NDF : 63.6/44

diff_bpm12X_rms vs slug



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

Left Out: 4714.760+/-0.923 χ^2/NDF : 564626.3/26

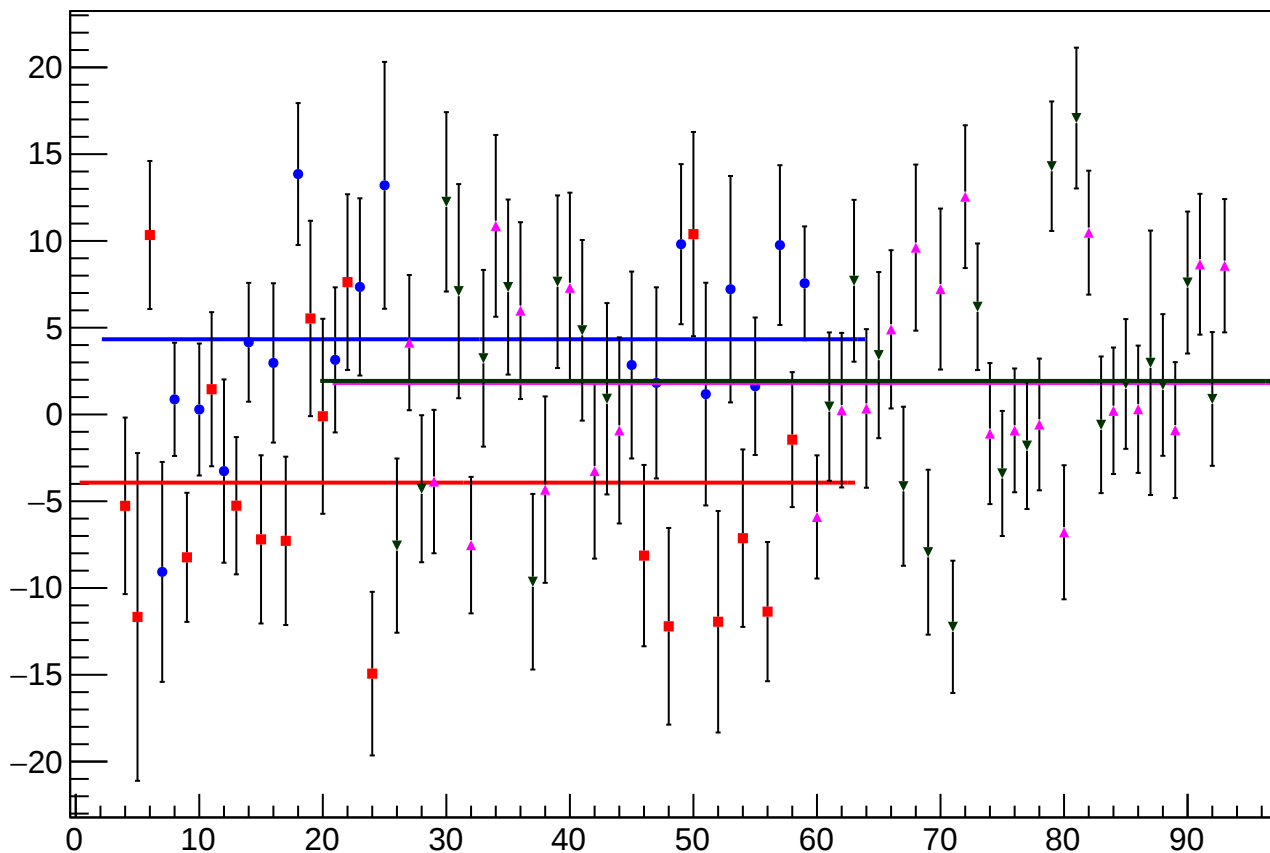
Right Out: 4684.391+/-1.055 χ^2/NDF : 240230.9/18

Left In: 4448.202+/-0.847 χ^2/NDF : 606849.0/25

4617.974+/-0.668 χ^2/NDF : 1234716.2/44

4540.756+/-0.661 χ^2/NDF : 877541.2/44

diff_bpm12Y_mean vs slug



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

Left Out: 1.934 ± 0.848 χ^2/NDF : 72.1/26

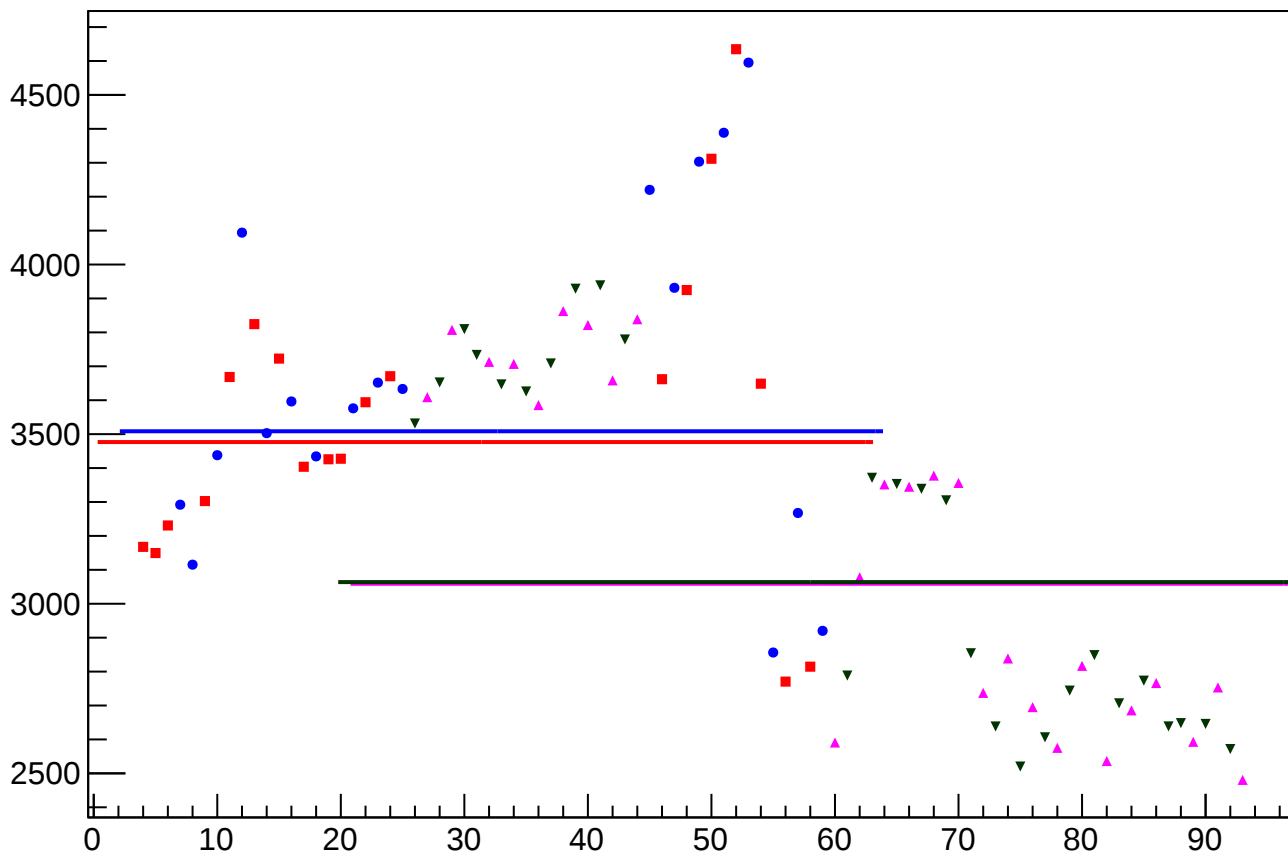
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: 1.818 ± 0.822 χ^2/NDF : 50.5/25

2.875 ± 0.661 χ^2/NDF : 96.5/44

-0.219 ± 0.661 χ^2/NDF : 112.0/44

diff_bpm12Y_rms vs slug



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

Left Out: 3063.815 $\pm$ 0.599 χ^2 /NDF: 631574.7/26

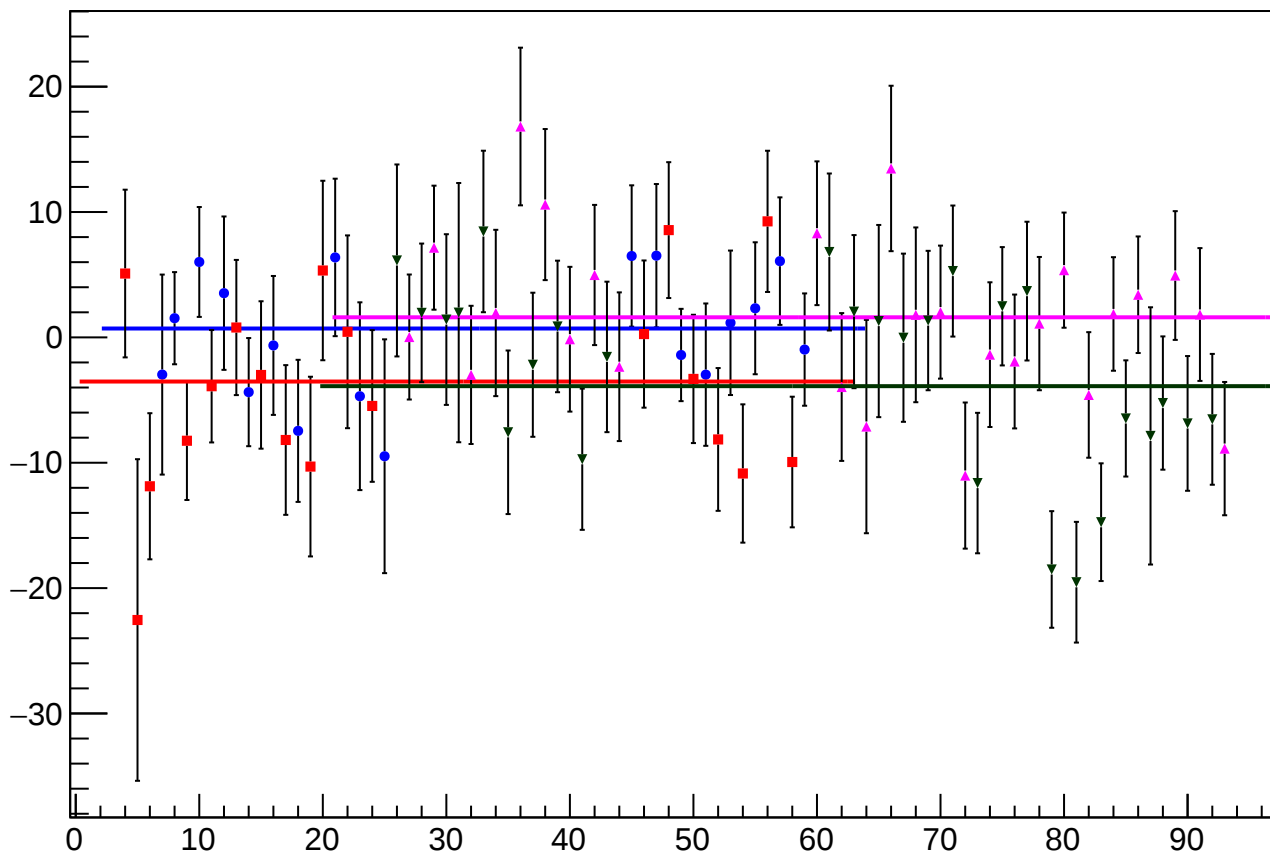
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3058.854 $\pm$ 0.582 χ^2 /NDF: 675640.6/25

3238.208 $\pm$ 0.467 χ^2 /NDF: 1231525.3/44

3206.946 $\pm$ 0.467 χ^2 /NDF: 1152359.2/44

diff_bpm16X_mean vs slug



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

Left Out: -3.891 ± 1.103 $\chi^2/\text{NDF}: 51.0/26$

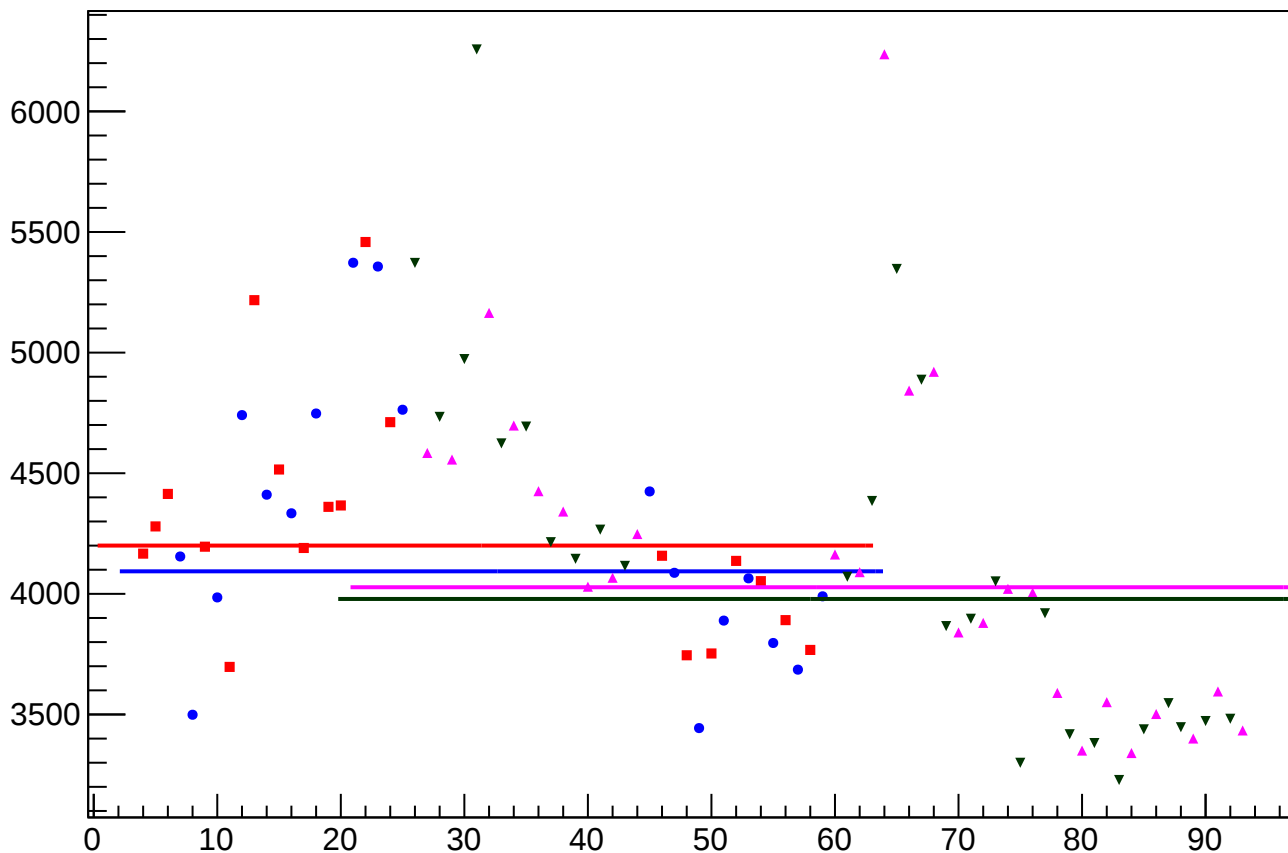
Right Out: -3.522 ± 1.336 $\chi^2/\text{NDF}: 25.4/18$

Left In: 1.602 ± 1.083 $\chi^2/\text{NDF}: 29.7/25$

-1.839 ± 0.821 $\chi^2/\text{NDF}: 70.9/44$

-0.429 ± 0.841 $\chi^2/\text{NDF}: 64.0/44$

diff_bpm16X_rms vs slug



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

Left Out: 3978.819 $\pm$ 0.780 χ^2 /NDF: 649417.8/26

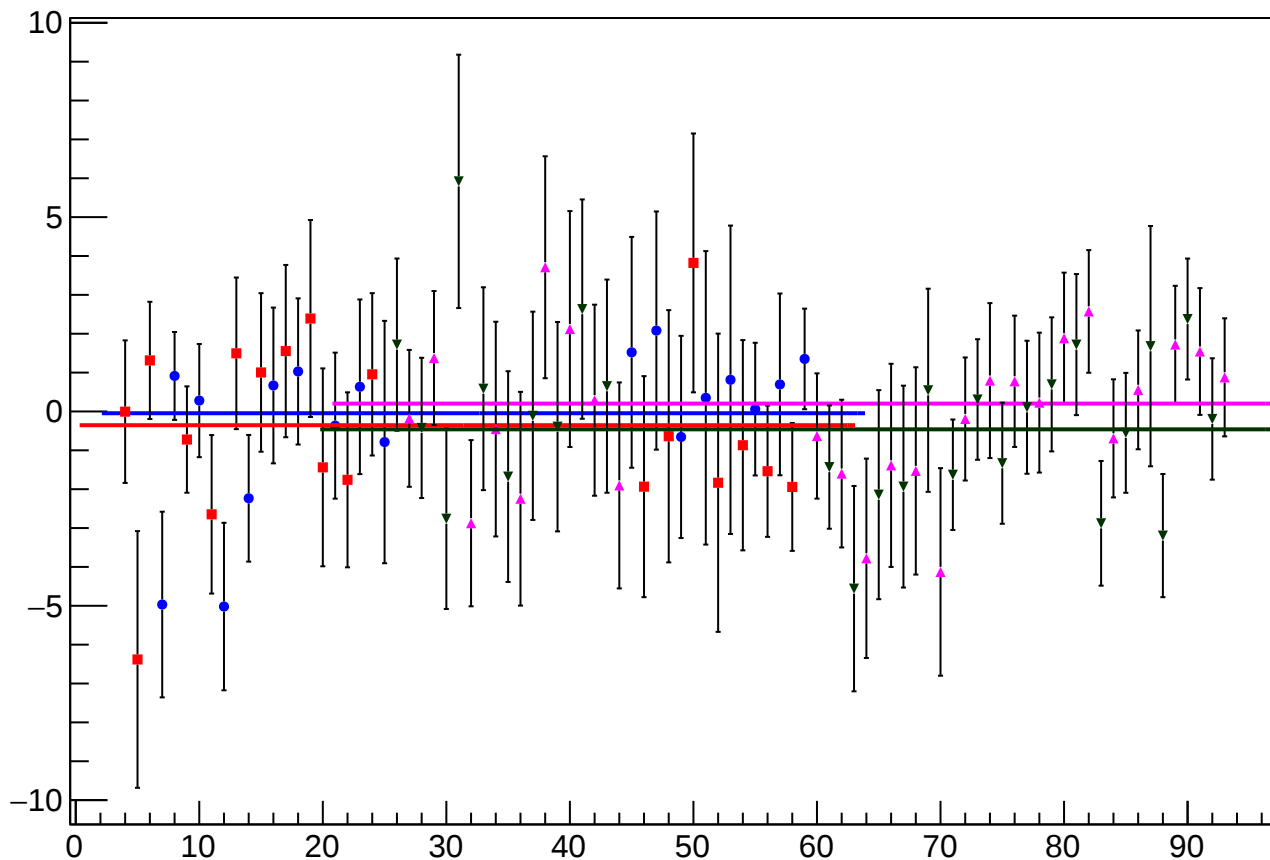
Right Out: 4200.125 $\pm$ 0.945 χ^2 /NDF: 225858.3/18

Left In: 4027.389 $\pm$ 0.766 χ^2 /NDF: 587864.1/25

4029.947 $\pm$ 0.580 χ^2 /NDF: 1018741.9/44

4095.858 $\pm$ 0.595 χ^2 /NDF: 833904.9/44

diff_bpm16Y_mean vs slug



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

Left Out: -0.460 ± 0.377 $\chi^2/\text{NDF}: 23.5/26$

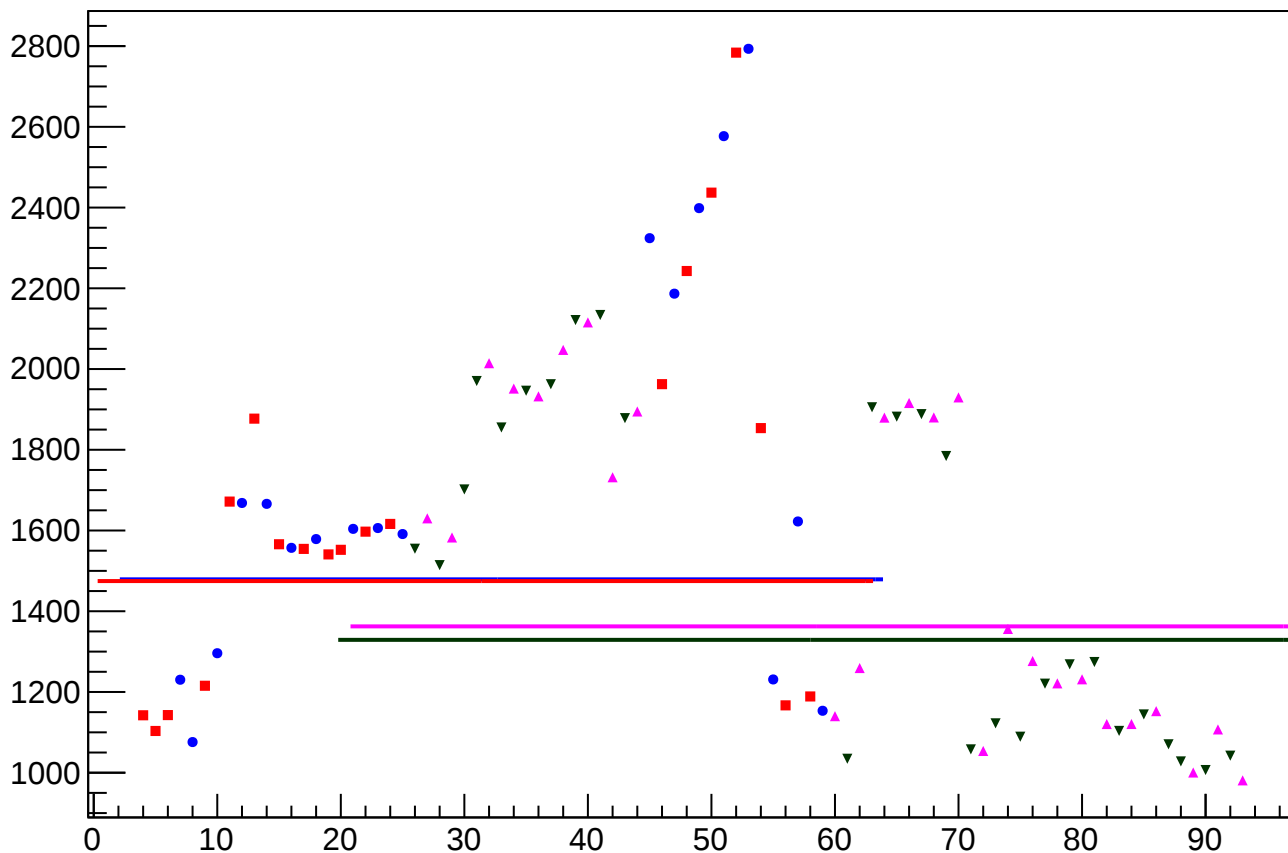
Right Out: -0.354 ± 0.483 $\chi^2/\text{NDF}: 13.6/18$

Left In: 0.203 ± 0.376 $\chi^2/\text{NDF}: 18.8/25$

-0.293 ± 0.291 $\chi^2/\text{NDF}: 38.9/44$

-0.007 ± 0.297 $\chi^2/\text{NDF}: 33.2/44$

diff_bpm16Y_rms vs slug



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

Left Out: 1329.126+/-0.267 χ^2/NDF :1761430.8/26

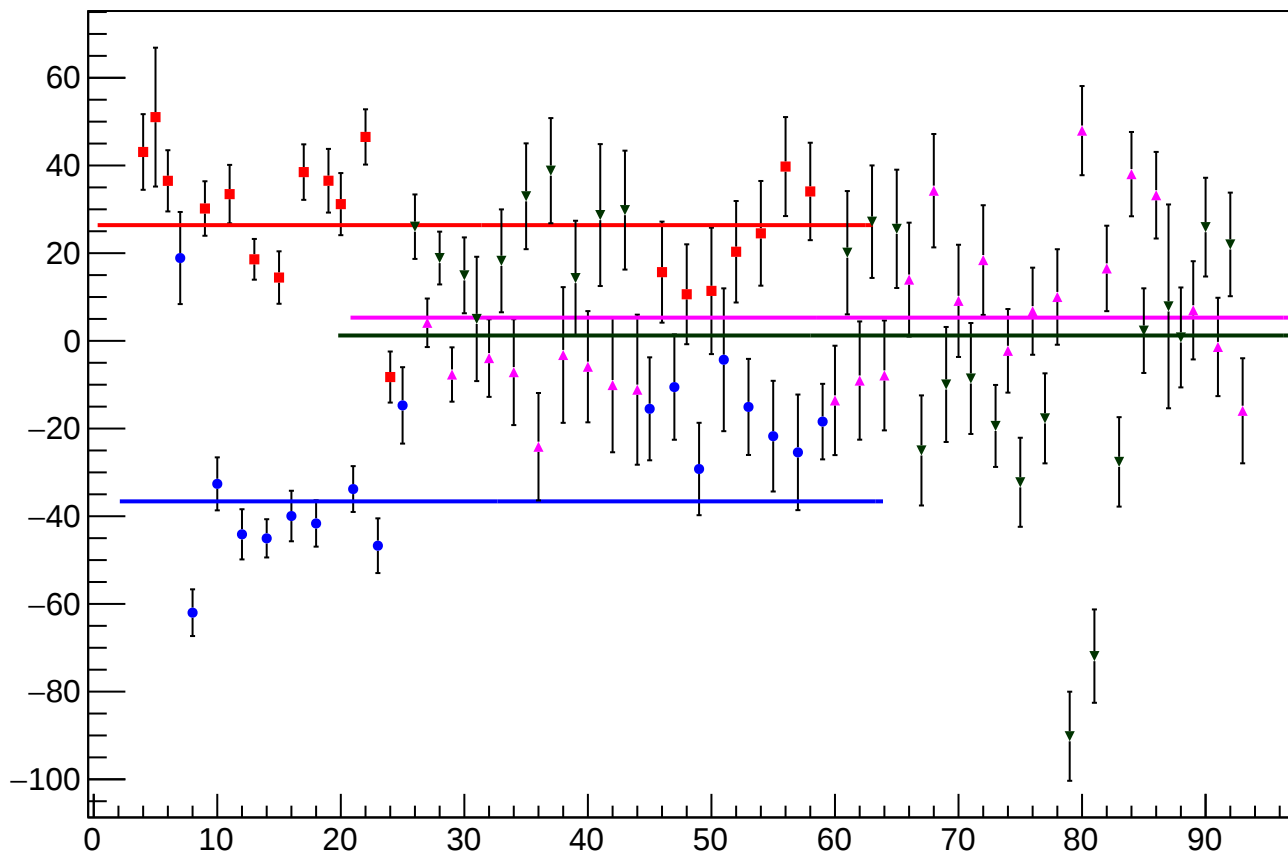
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

Left In: 1362.498+/-0.266 χ^2/NDF :1717254.1/25

1389.698+/-0.206 χ^2/NDF : 3348279.0/44

1404.743+/-0.210 χ^2/NDF : 2909717.5/44

diff_bpm0l01X_mean vs slug



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

Left Out: 1.226 ± 2.087 χ^2/NDF : 227.8/26

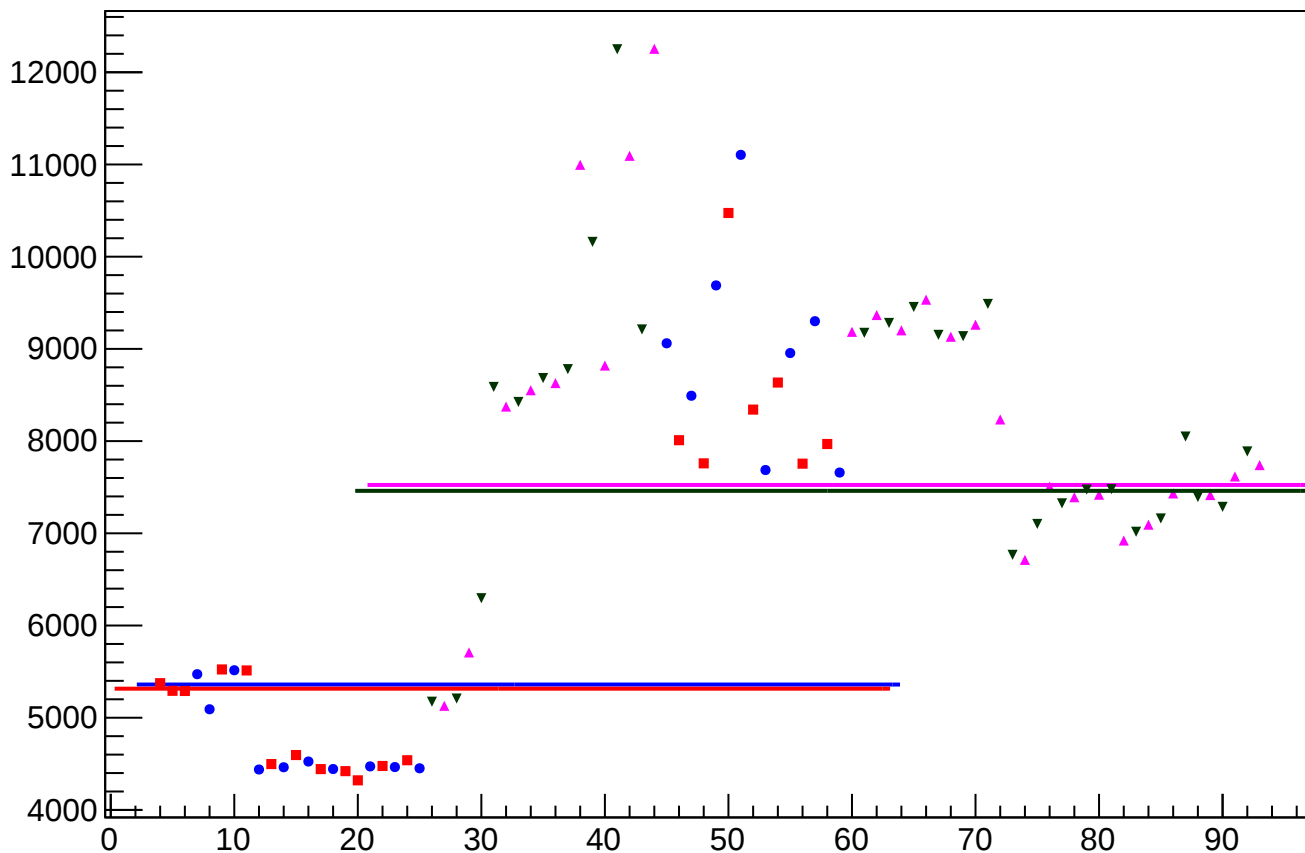
Right Out: 26.394 ± 1.742 χ^2/NDF : 74.2/18

Left In: 5.298 ± 2.044 χ^2/NDF : 69.4/25

-21.792 ± 1.306 χ^2/NDF : 517.6/44

17.516 ± 1.326 χ^2/NDF : 205.3/44

diff_bpm0l01X_rms vs slug



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

Left Out: 7460.525+/-1.475 χ^2/NDF :1132261.3/26

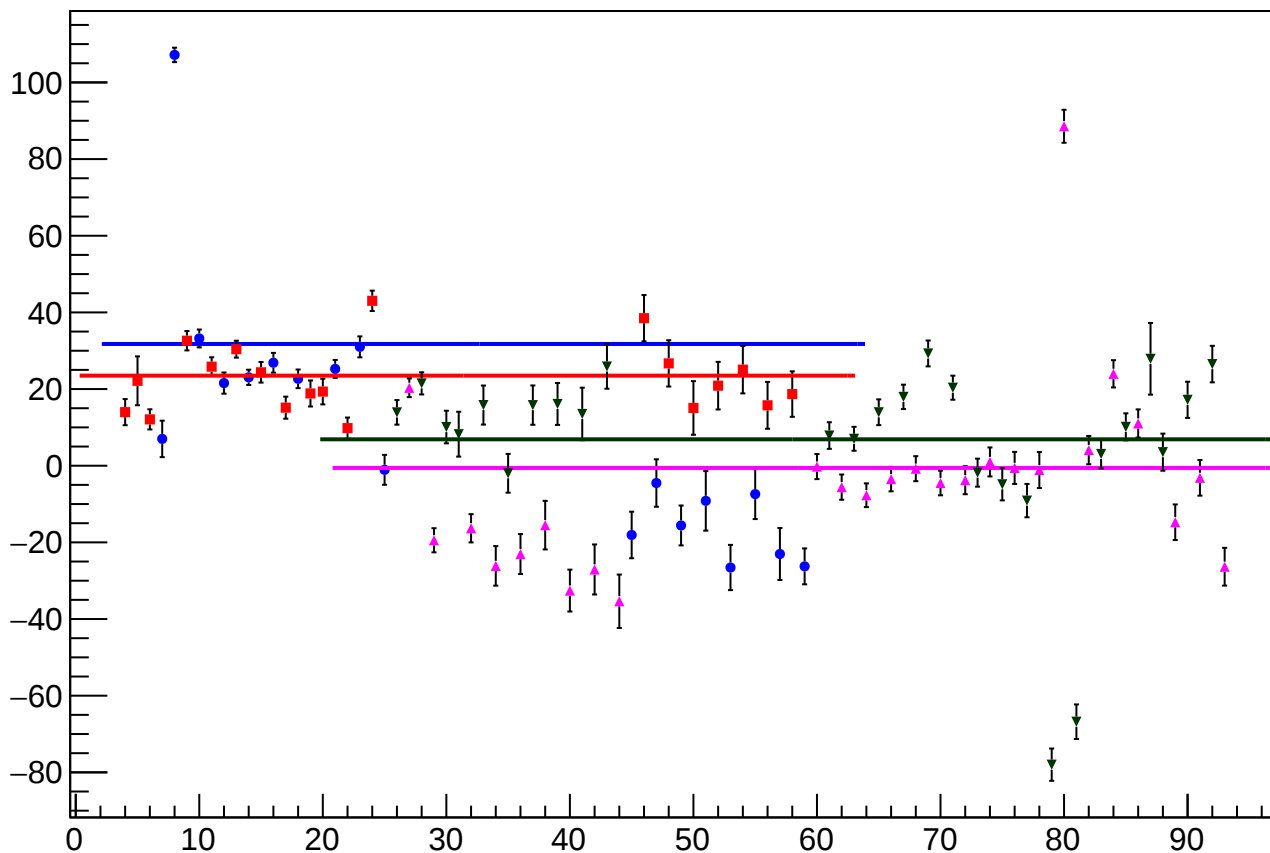
6182.557+/-0.923 χ^2/NDF : 4225414.8/44

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

6244.795+/-0.937 χ^2/NDF : 3820451.9/44

Left In: 7524.384+/-1.445 χ^2/NDF :1236685.6/25

diff_bpm0l01Y_mean vs slug



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

Left Out: 6.889+/-0.779 χ^2/NDF : 862.9/26

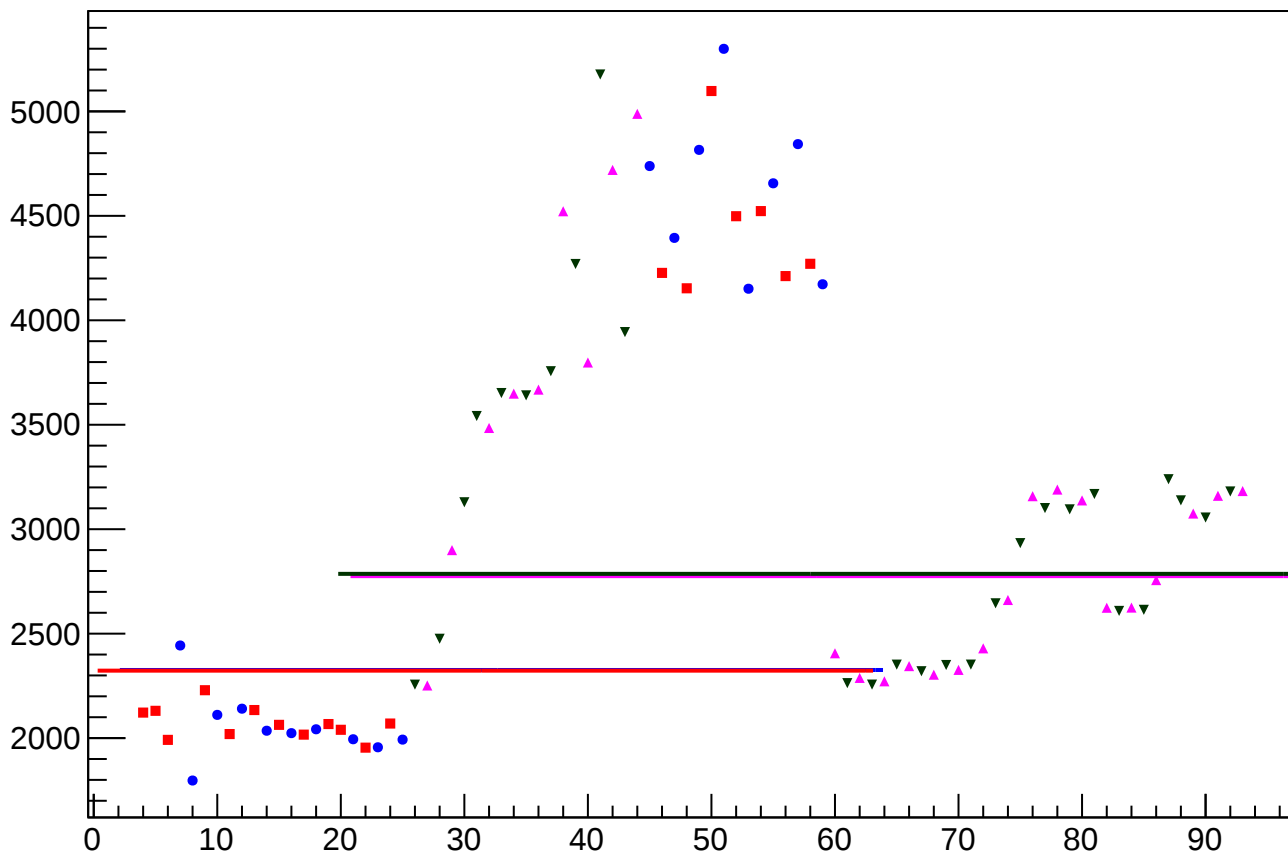
Right Out: 23.500+/-0.773 χ^2/NDF : 151.3/18

Left In: -0.579+/-0.754 χ^2/NDF : 788.6/25

19.956+/-0.537 χ^2/NDF : 3721.4/44

11.163+/-0.540 χ^2/NDF : 1437.5/44

diff_bpm0l01Y_rms vs slug



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

Left Out: 2786.236+/-0.551 χ^2/NDF :1117364.6/26

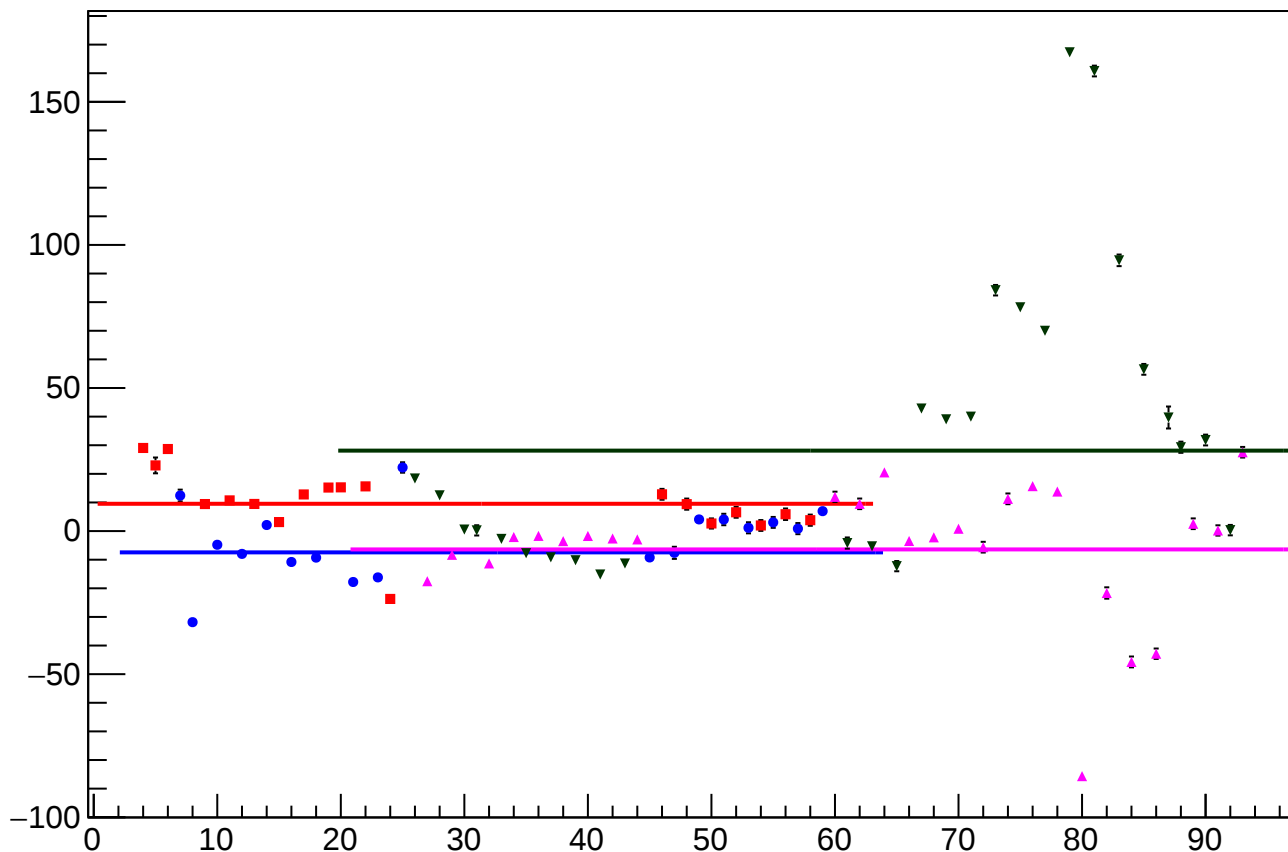
Right Out: 2322.918+/-0.546 χ^2/NDF : 1810759.5/18

Left In: 2775.302+/-0.533 χ^2/NDF :1235288.0/25

2544.534+/-0.380 χ^2/NDF : 4180227.0/44

2554.698+/-0.382 χ^2/NDF : 3397356.2/44

diff_bpm2i01X_mean vs slug



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

Left Out: 28.117 ± 0.316 χ^2/NDF : 22658.4/26

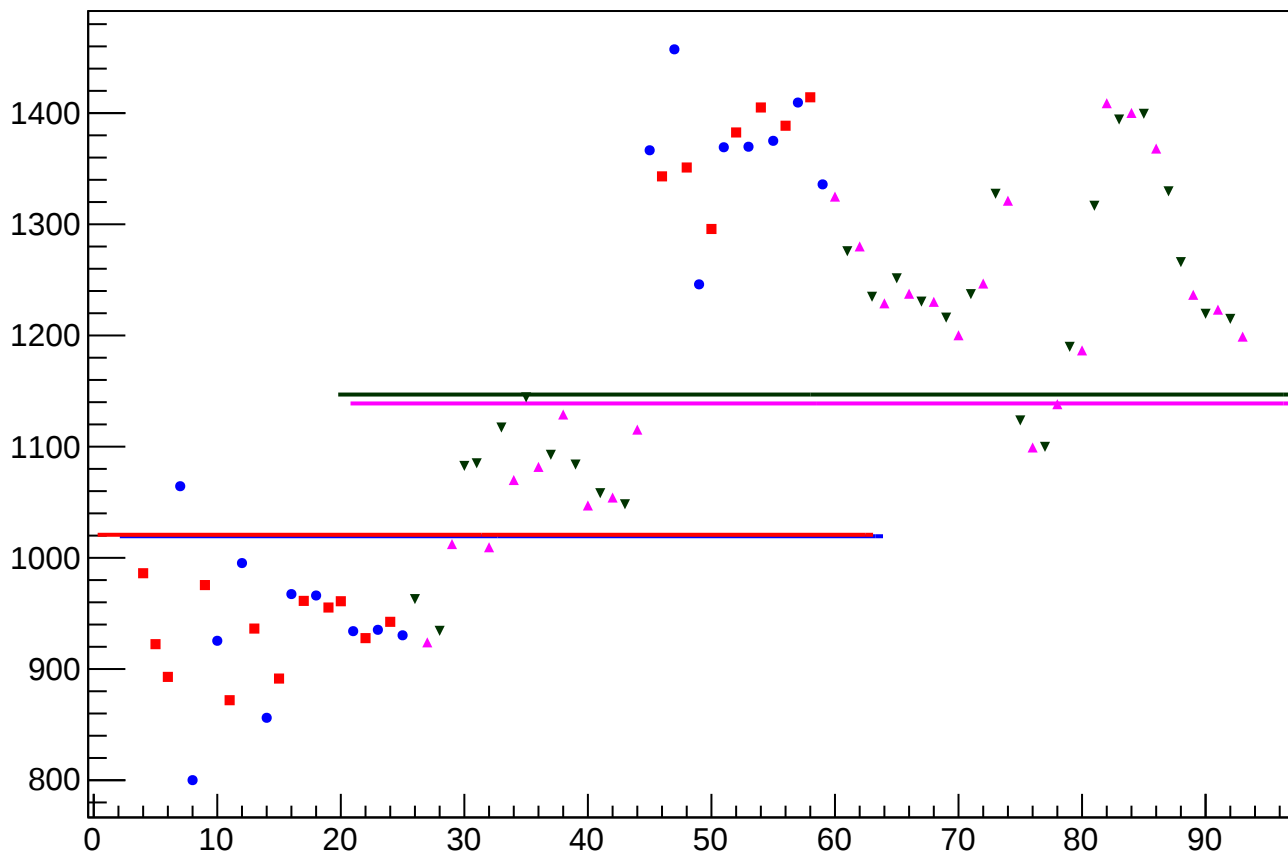
Right Out: 9.540 ± 0.328 χ^2/NDF : 1327.8/18

Left In: -6.408 ± 0.304 χ^2/NDF : 4747.9/25

10.020 ± 0.221 χ^2/NDF : 30876.1/44

0.982 ± 0.223 χ^2/NDF : 7347.1/44

diff_bpm2i01X_rms vs slug



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

Left Out: 1146.874+/-0.223 χ^2/NDF : 300770.9/26

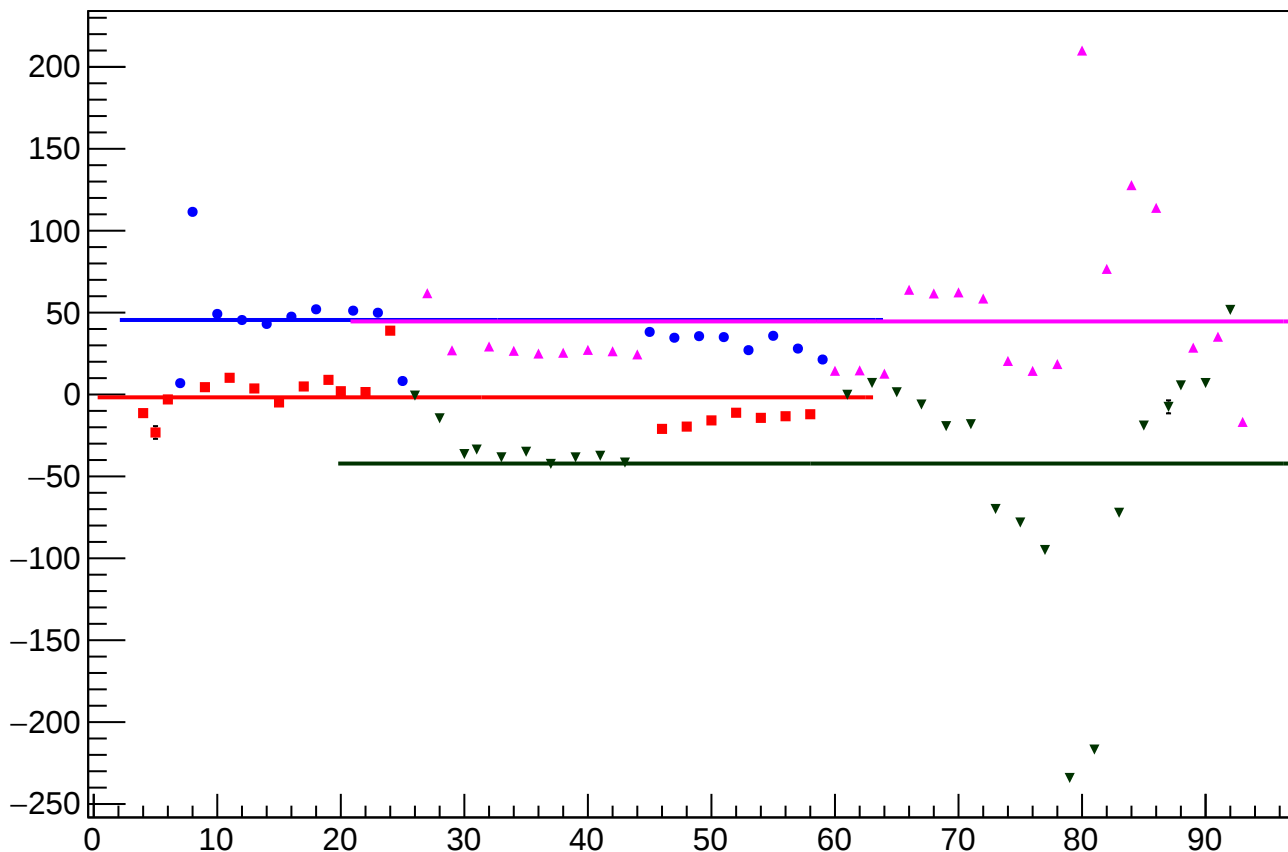
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1138.857+/-0.215 χ^2/NDF : 371275.0/25

1082.010+/-0.156 χ^2/NDF : 1319726.4/44

1084.124+/-0.158 χ^2/NDF : 1115817.6/44

diff_bpm2i01Y_mean vs slug



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

Left Out: -42.144+/-0.354 χ^2/NDF : 28922.6/26

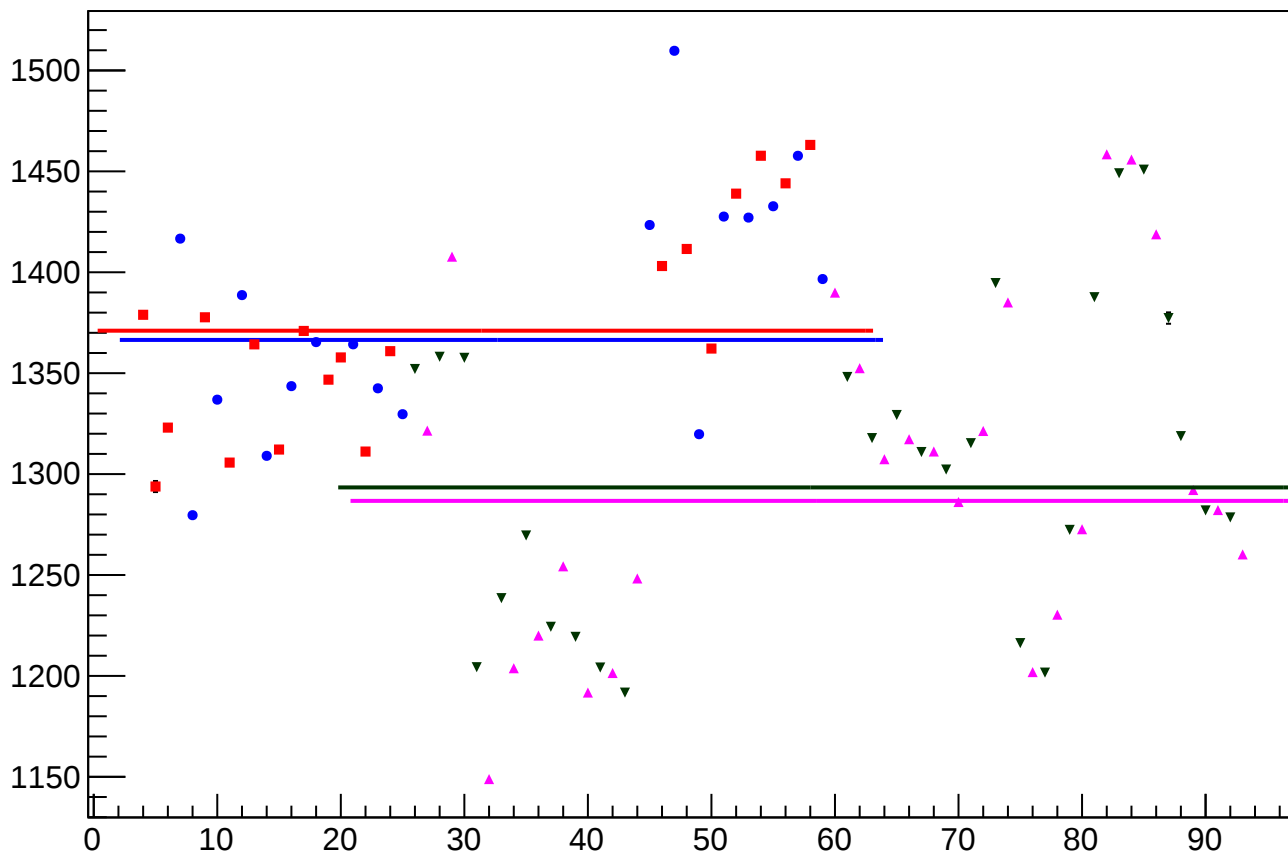
Right Out: -1.724+/-0.434 χ^2/NDF : 1071.7/18

Left In: 44.613+/-0.342 χ^2/NDF : 16457.1/25

-4.467+/-0.267 χ^2/NDF : 58636.5/44

26.840+/-0.269 χ^2/NDF : 24557.6/44

diff_bpm2i01Y_rms vs slug



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

Left Out: 1293.396 $\pm$ 0.250 χ^2 /NDF:83692.3/26

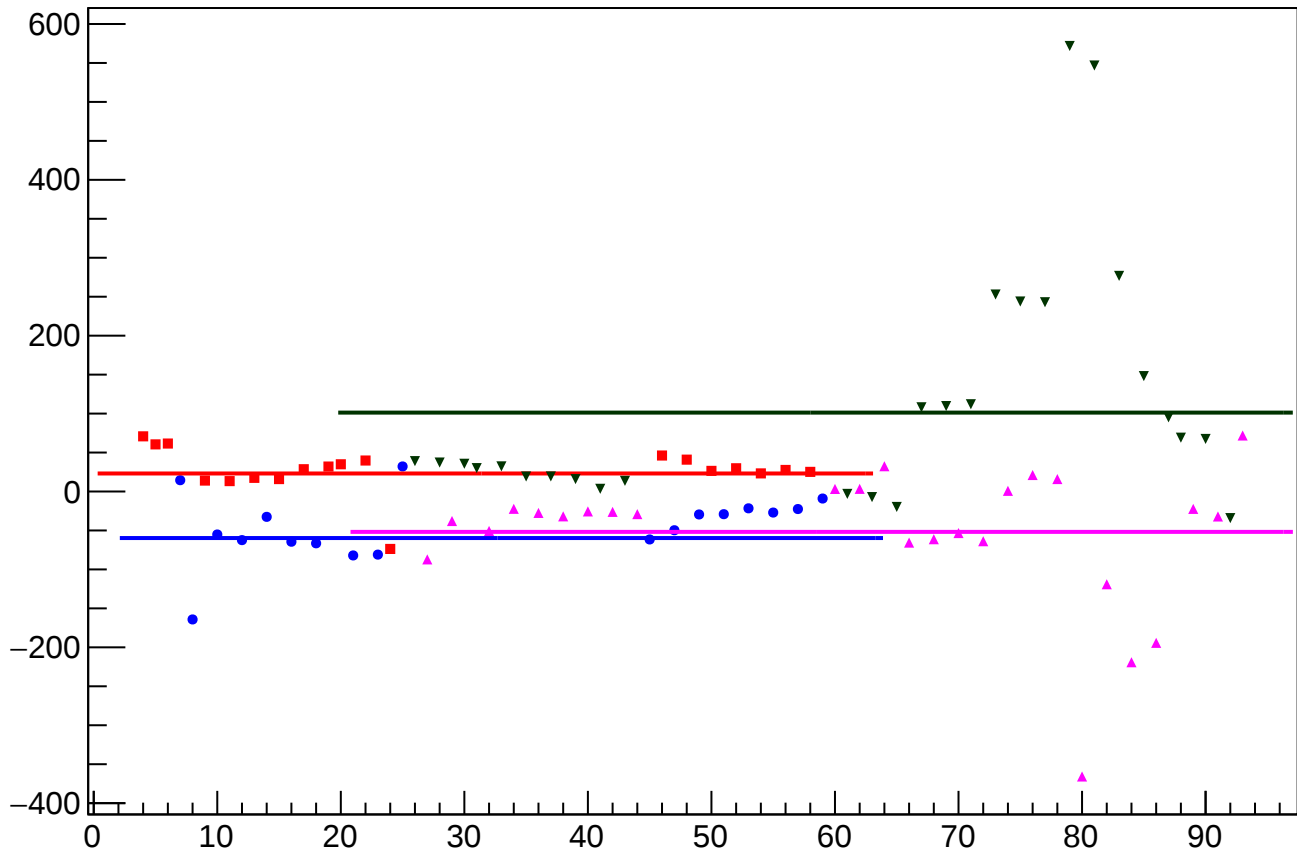
Right Out: 1371.055 $\pm$ 0.307 χ^2 /NDF: 24860.5/18

Left In: 1286.728 $\pm$ 0.242 χ^2 /NDF:122079.2/25

1324.813 $\pm$ 0.189 χ^2 /NDF: 158913.8/44

1319.073 $\pm$ 0.190 χ^2 /NDF: 193498.2/44

diff_bpm2i02X_mean vs slug



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

Left Out: 101.257 $\pm$ 0.328 χ^2 /NDF: 204197.8/26

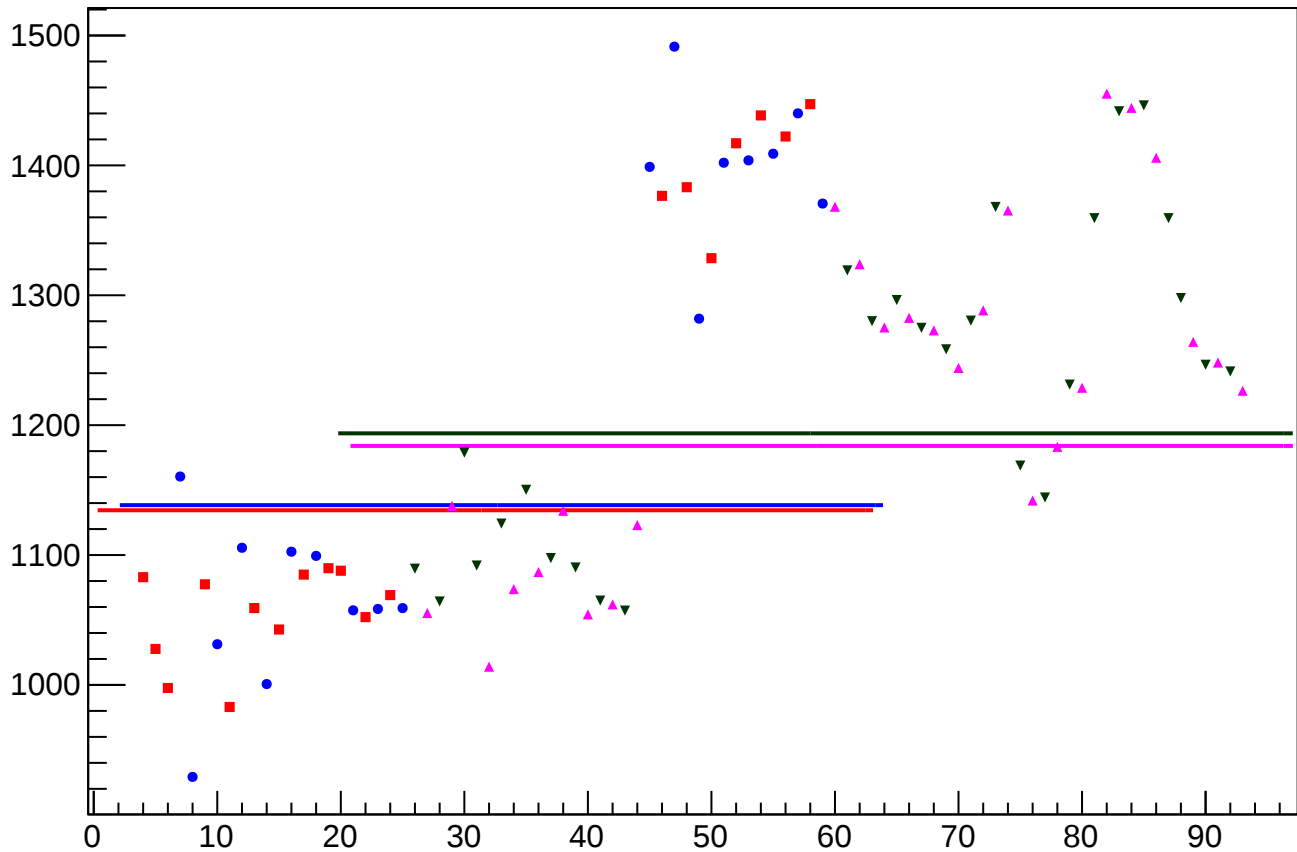
Right Out: 23.126 $\pm$ 0.362 χ^2 /NDF: 7355.2/18

Left In: -51.822 $\pm$ 0.316 χ^2 /NDF: 64915.4/25

24.404 $\pm$ 0.237 χ^2 /NDF: 338004.2/44

-19.370 $\pm$ 0.238 χ^2 /NDF: 96601.8/44

diff_bpm2i02X_rms vs slug



Right In: 1138.411+/-0.243 χ^2/NDF : 488075.7/17

Left Out: 1193.700+/-0.232 χ^2/NDF : 233651.8/26

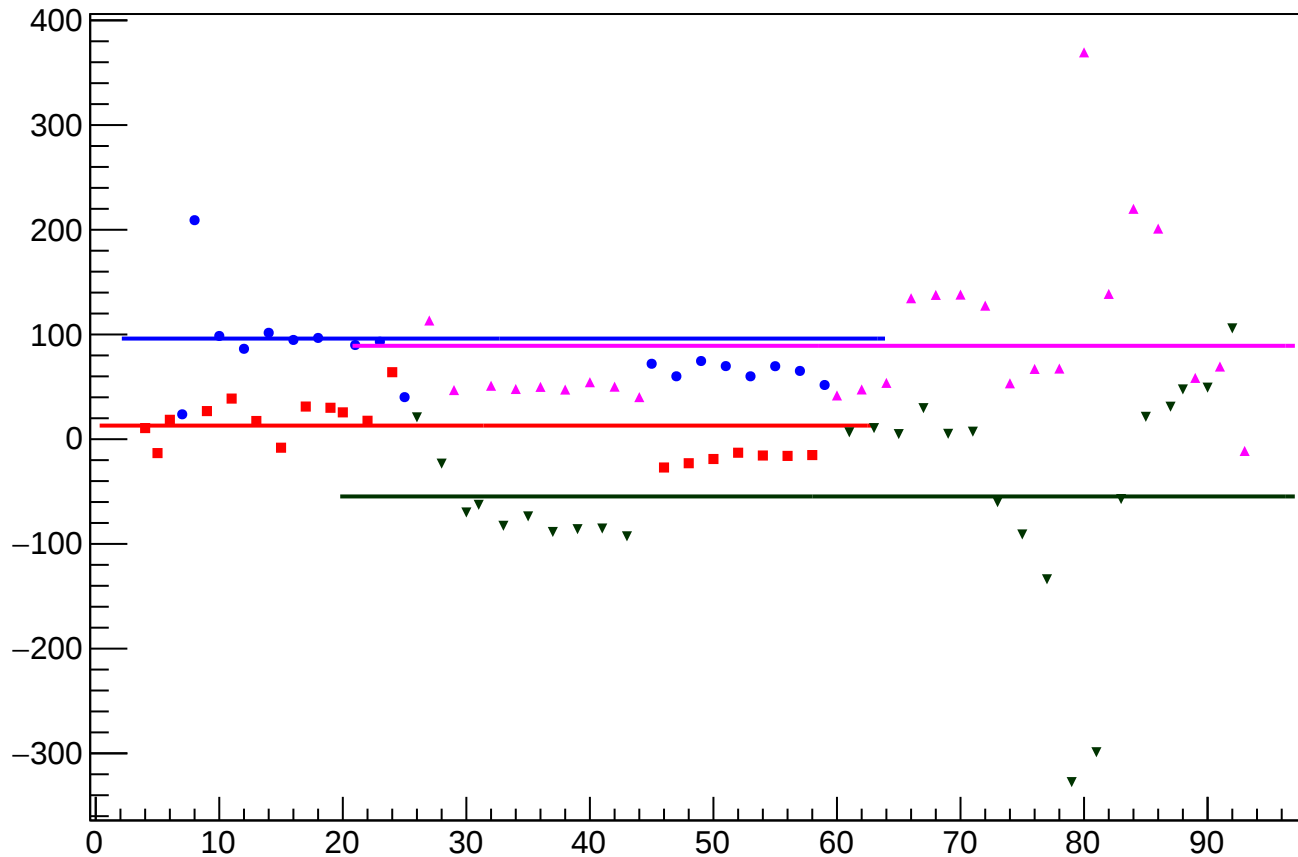
Right Out: 1134.479+/-0.256 χ^2/NDF : 360721.2/18

Left In: 1184.029+/-0.224 χ^2/NDF : 311869.1/25

1167.307+/-0.168 χ^2/NDF : 748864.3/44

1162.574+/-0.168 χ^2/NDF : 693860.0/44

diff_bpm2i02Y_mean vs slug



Right In: 96.096+/-0.343 χ^2/NDF : 17116.6/17

Left Out: -54.676+/-0.322 χ^2/NDF : 79984.8/26

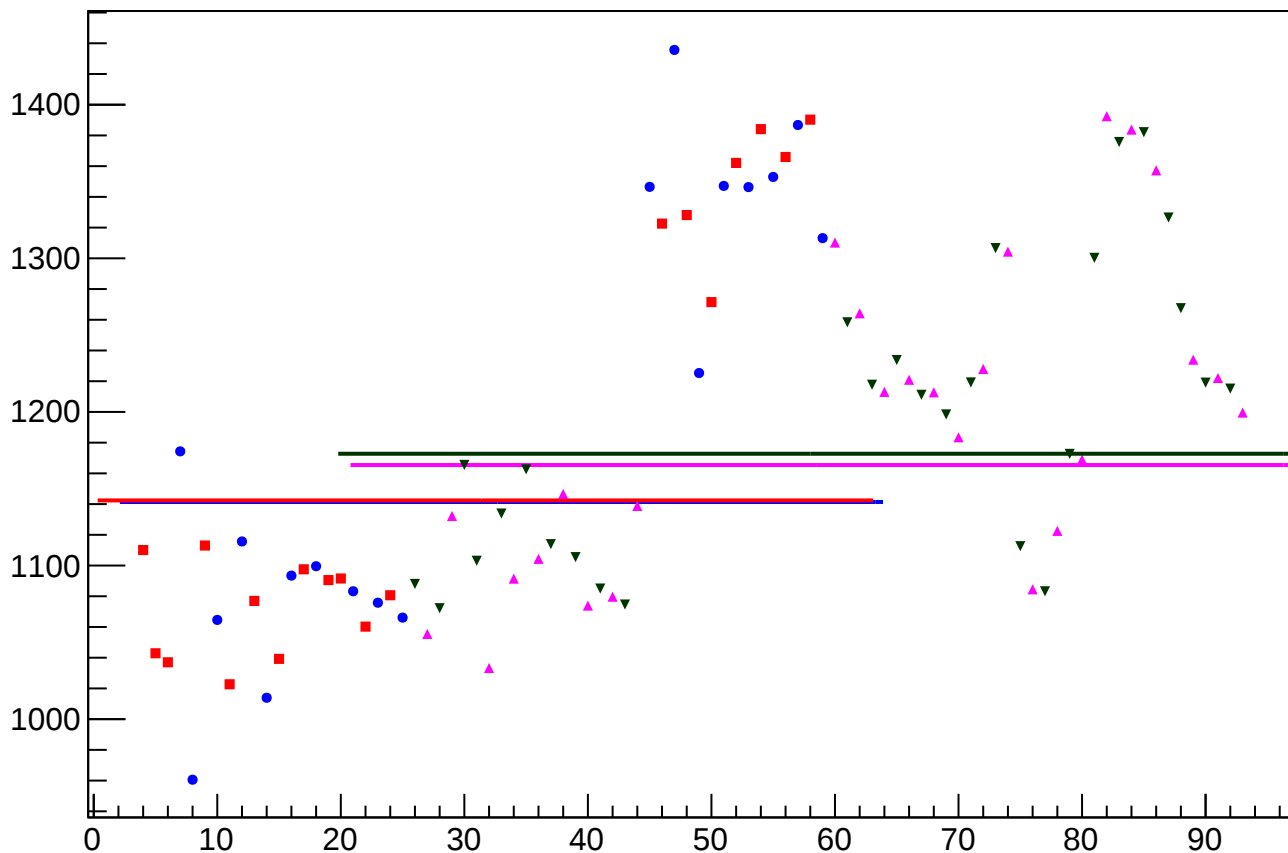
Right Out: 12.992+/-0.363 χ^2/NDF : 4541.3/18

Left In: 89.186+/-0.311 χ^2/NDF : 55525.5/25

15.897+/-0.235 χ^2/NDF : 199952.4/44

57.014+/-0.236 χ^2/NDF : 85485.7/44

diff_bpm2i02Y_rms vs slug



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

Left Out: 1172.780 $\pm$ 0.227 χ^2 /NDF:143457.9/26

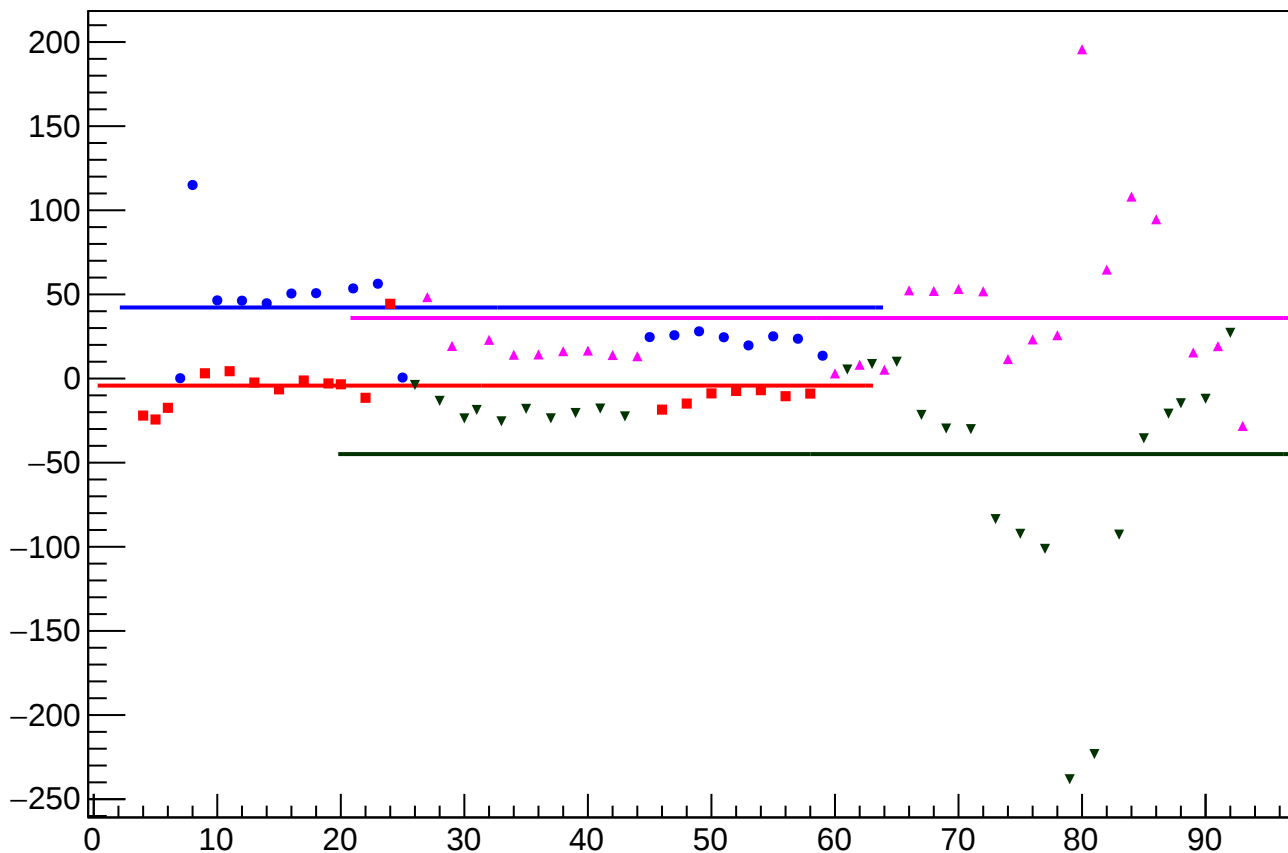
Right Out: 1142.390 $\pm$ 0.257 χ^2 /NDF: 236212.3/18

Left In: 1165.433 $\pm$ 0.220 χ^2 /NDF:199419.5/25

1158.082 $\pm$ 0.166 χ^2 /NDF: 481686.6/44

1155.703 $\pm$ 0.167 χ^2 /NDF: 440281.7/44

diff_bpm1i04X_mean vs slug



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

Left Out: -44.903+/-0.197 χ^2/NDF :106298.3/26

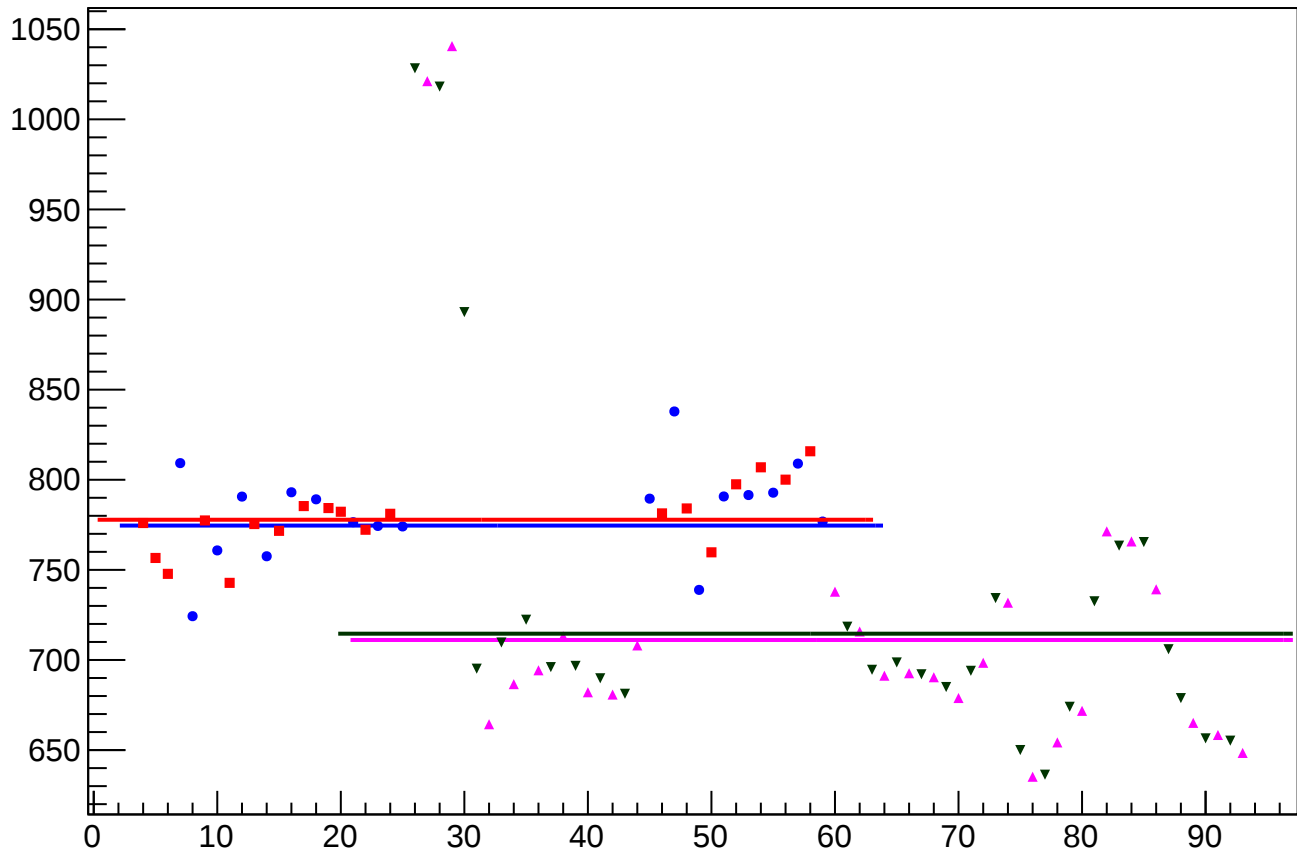
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 35.986+/-0.190 χ^2/NDF :52382.6/25

-8.256+/-0.150 χ^2/NDF : 203114.4/44

20.945+/-0.150 χ^2/NDF : 72486.9/44

diff_bpm1i04X_rms vs slug



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

Left Out: 714.591+/-0.139 χ^2/NDF : 333867.1/26

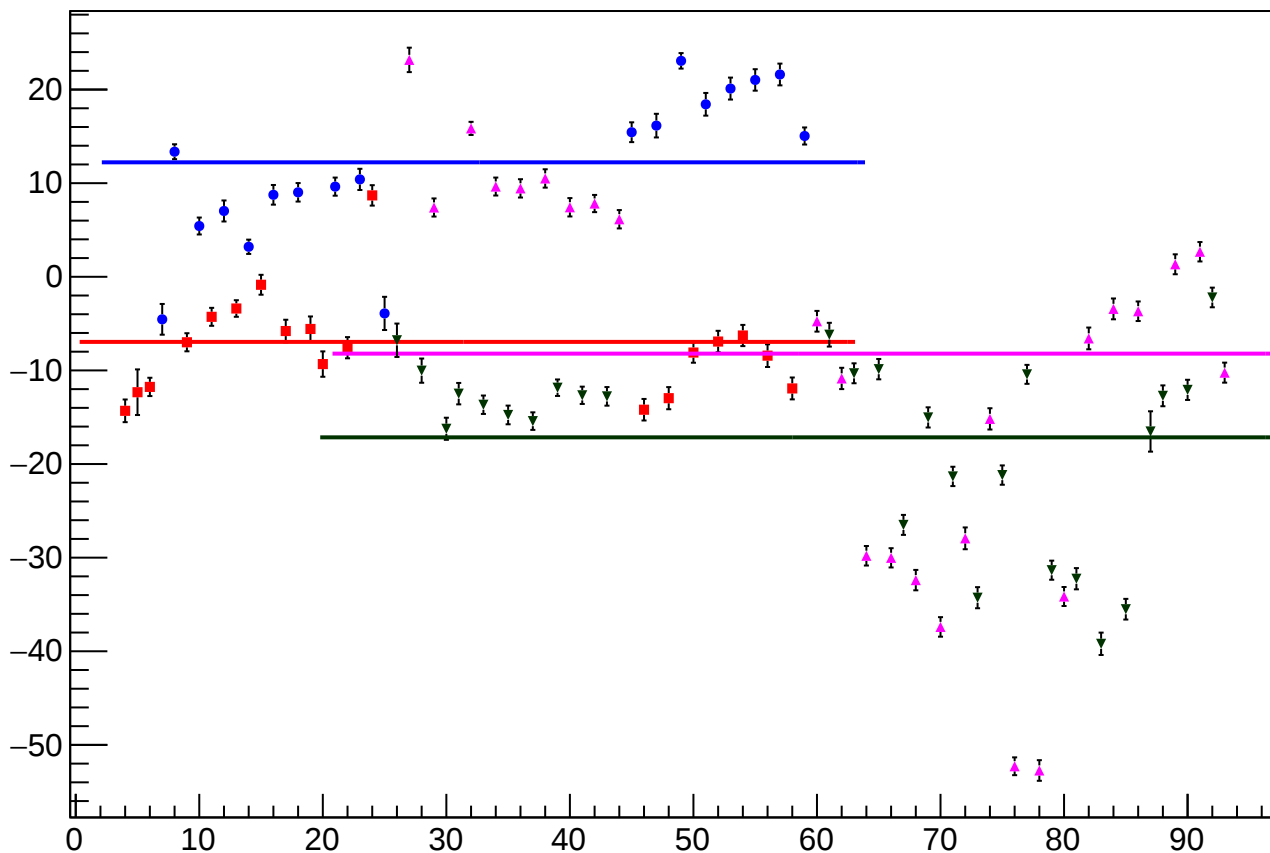
Right Out: 777.816+/-0.174 χ^2/NDF : 11180.5/18

Left In: 711.092+/-0.134 χ^2/NDF : 408900.5/25

739.822+/-0.106 χ^2/NDF : 438462.4/44

736.068+/-0.106 χ^2/NDF : 512313.5/44

diff_bpm1i04Y_mean vs slug



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

Left Out: -17.150 $\pm$ 0.209 χ^2 /NDF:1959.3/26

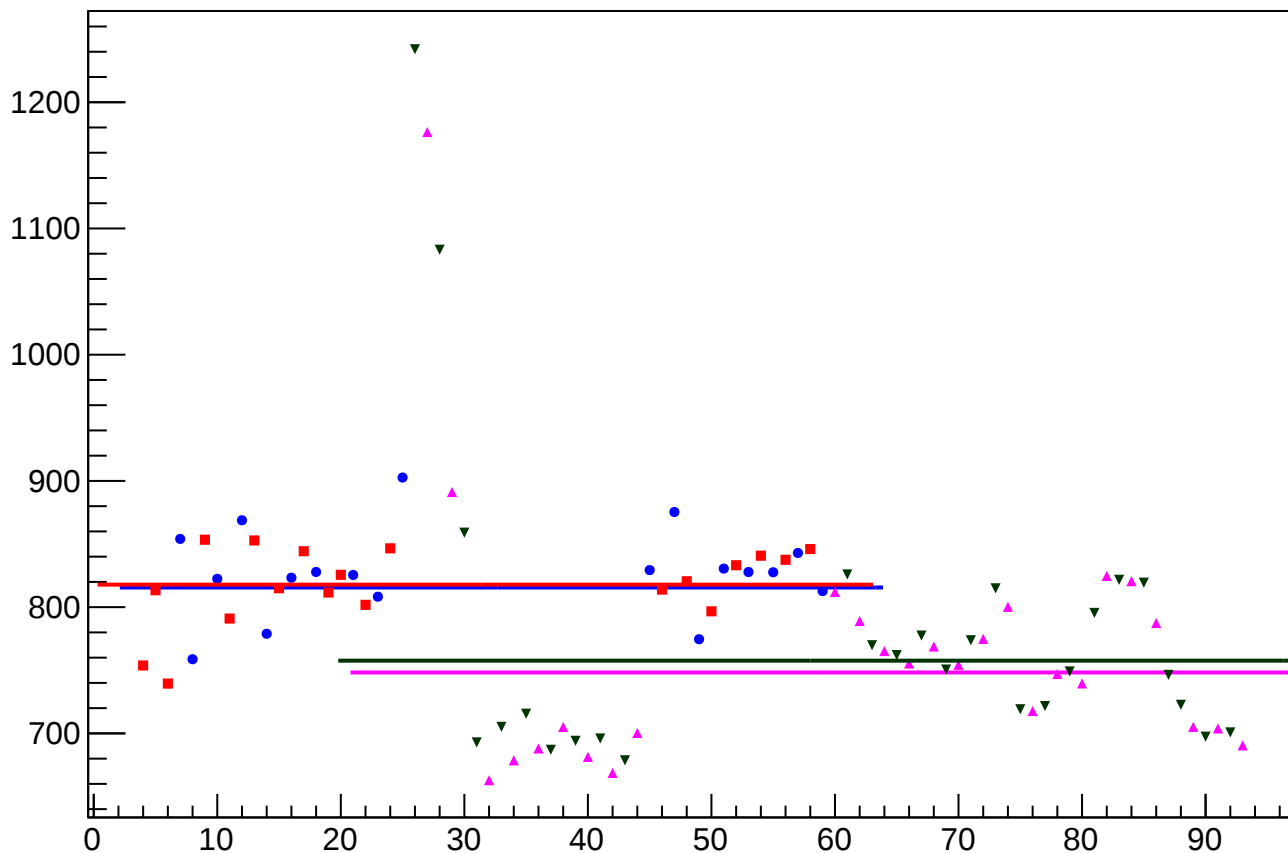
Right Out: -6.954 $\pm$ 0.259 χ^2 /NDF: 420.8/18

Left In: -8.208 $\pm$ 0.200 χ^2 /NDF:10989.6/25

-4.664 $\pm$ 0.159 χ^2 /NDF: 11160.7/44

-7.739 $\pm$ 0.158 χ^2 /NDF: 11425.0/44

diff_bpm1i04Y_rms vs slug



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

Left Out: 757.610+/-0.148 χ^2/NDF : 394139.2/26

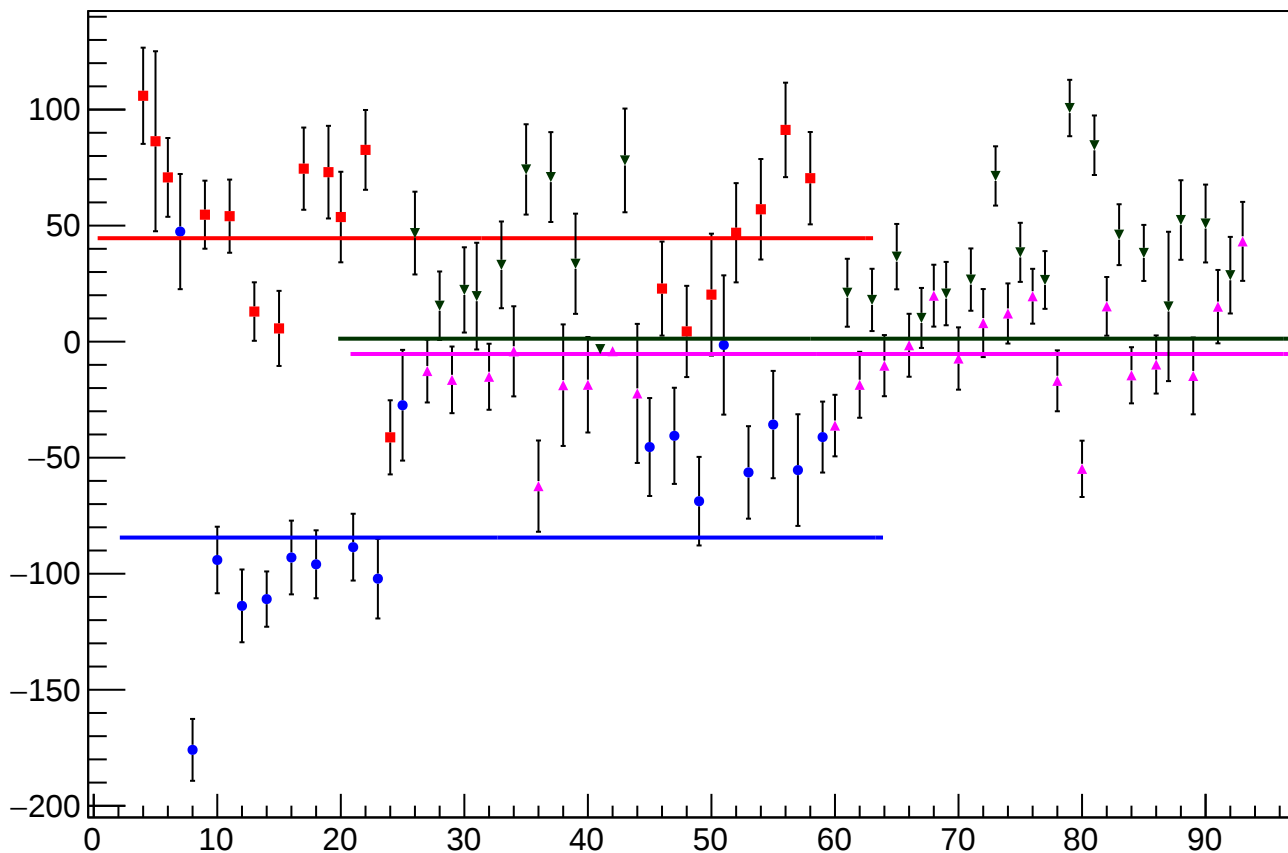
Right Out: 817.840+/-0.183 χ^2/NDF : 32410.2/18

Left In: 748.270+/-0.142 χ^2/NDF : 390219.1/25

782.247+/-0.112 χ^2/NDF : 496945.5/44

774.312+/-0.112 χ^2/NDF : 512878.4/44

diff_bpm0l02X_mean vs slug



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

Left Out: 1.276 ± 0.934 χ^2/NDF : 283.6/26

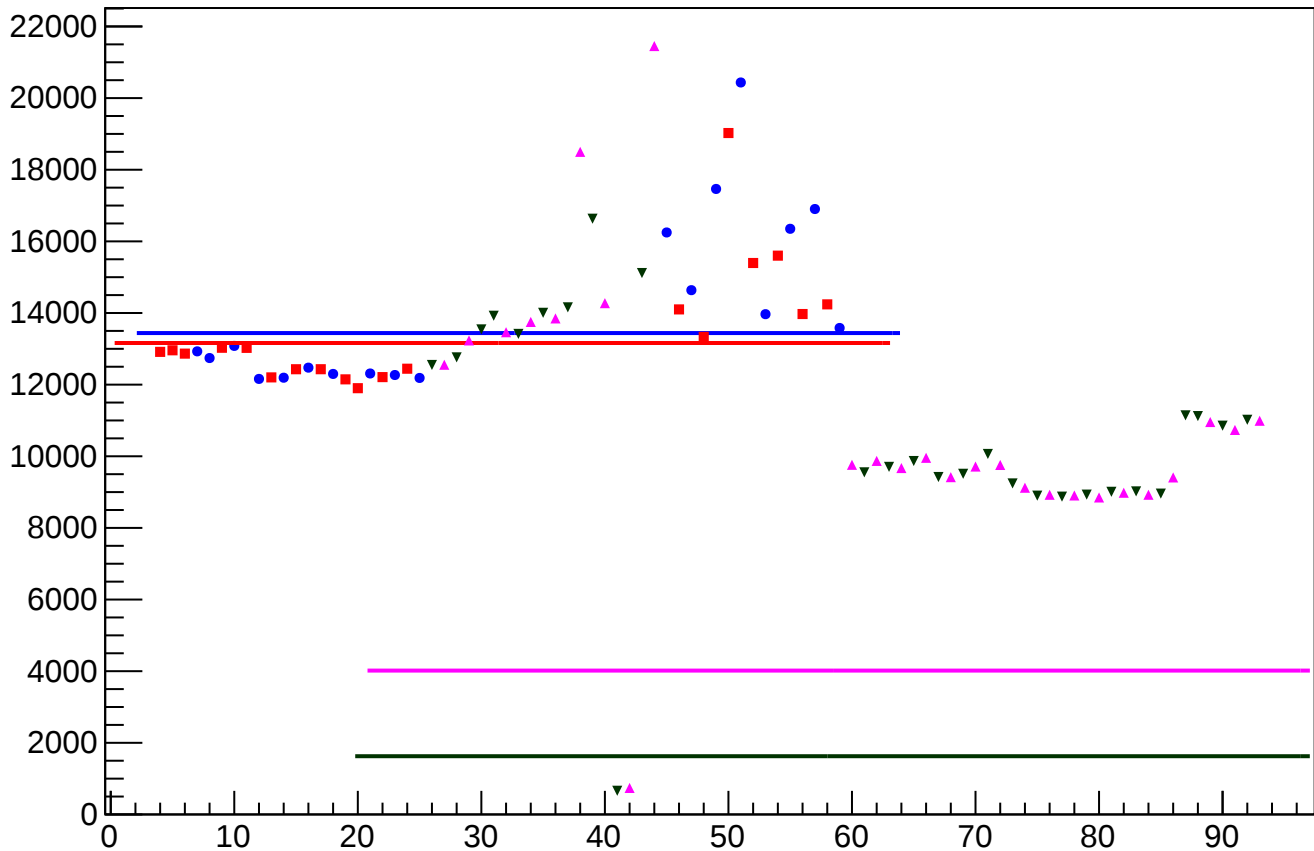
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -5.318 ± 1.679 χ^2/NDF : 59.1/25

-3.029 ± 0.910 χ^2/NDF : 830.8/44

1.548 ± 1.559 χ^2/NDF : 258.2/44

diff_bpm0l02X_rms vs slug



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

Left Out: 1626.023 $\pm$ 0.660 χ^2 /NDF:20390862.1/26

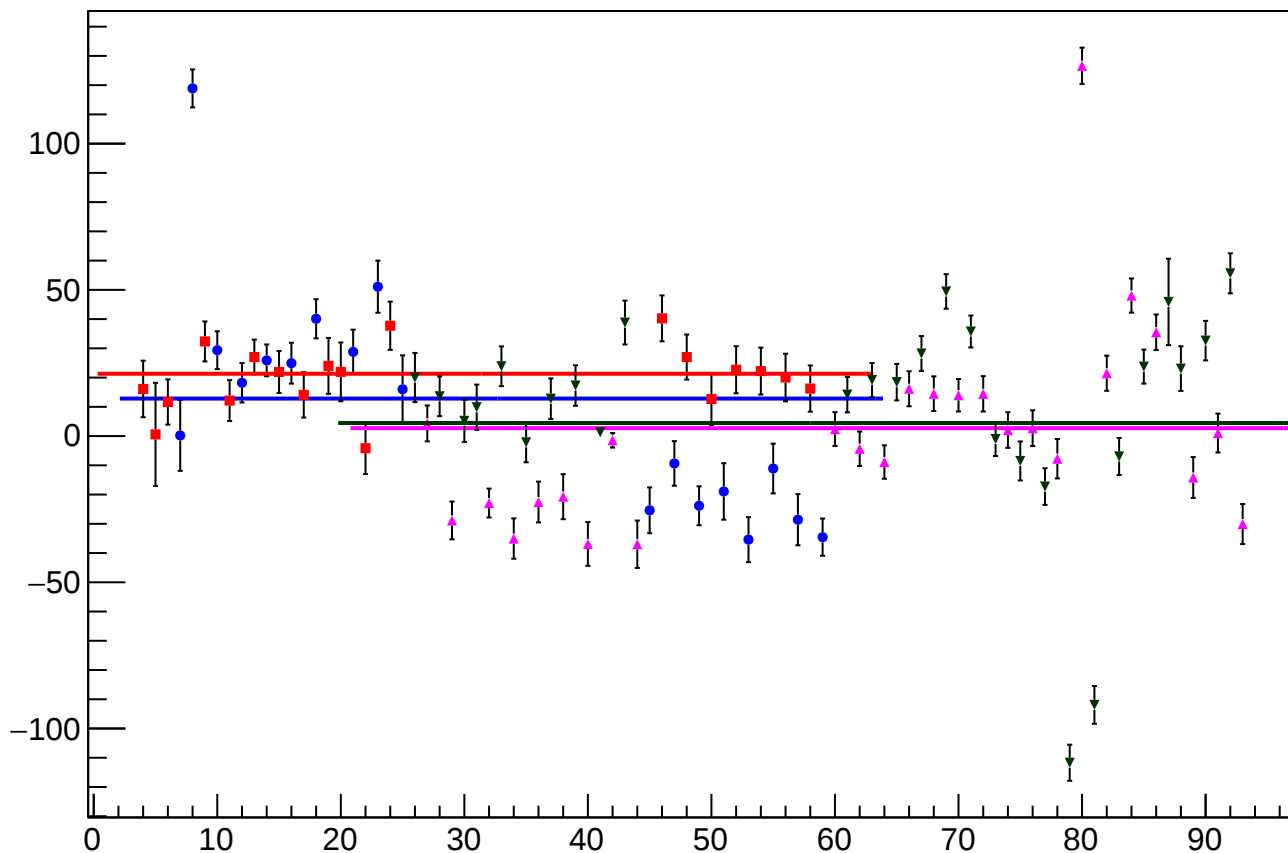
Right Out: 13162.769 $\pm$ 2.972 χ^2 /NDF: 204436.9/18

Left In: 4016.716 $\pm$ 1.187 χ^2 /NDF:16112959.5/25

2219.565 $\pm$ 0.643 χ^2 /NDF: 36879545.6/44

5275.466 $\pm$ 1.102 χ^2 /NDF: 24486123.1/44

diff_bpm0l02Y_mean vs slug



Right In: 12.827 ± 1.752 $\chi^2/\text{NDF}: 521.8/17$

Left Out: 4.479 ± 0.899 $\chi^2/\text{NDF}: 862.9/26$

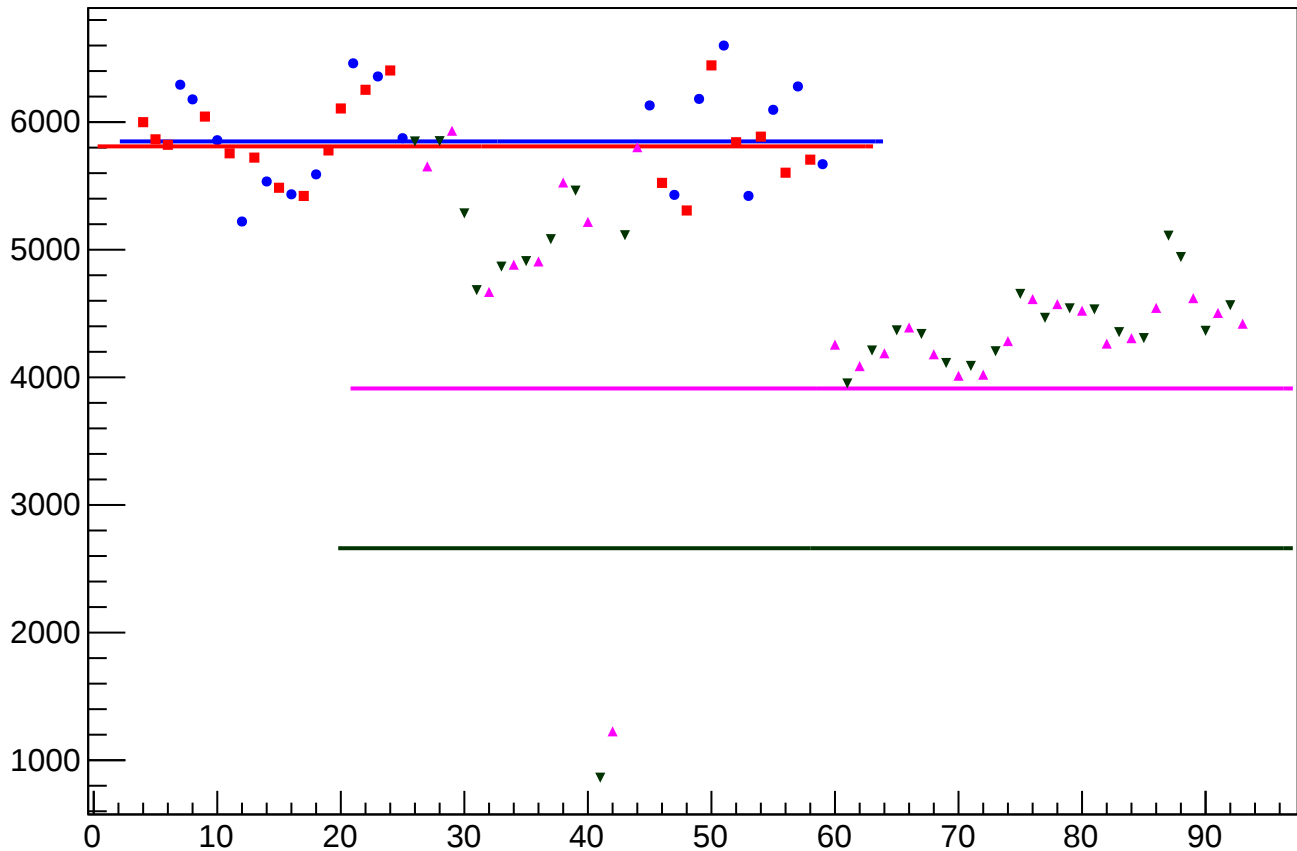
Right Out: 21.314 ± 1.847 $\chi^2/\text{NDF}: 29.5/18$

Left In: 2.717 ± 1.118 $\chi^2/\text{NDF}: 709.8/25$

6.216 ± 0.800 $\chi^2/\text{NDF}: 1402.6/44$

7.703 ± 0.956 $\chi^2/\text{NDF}: 813.5/44$

diff_bpm0l02Y_rms vs slug



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

Left Out: 2661.111+/-0.635 χ^2/NDF : 8964062.8/26

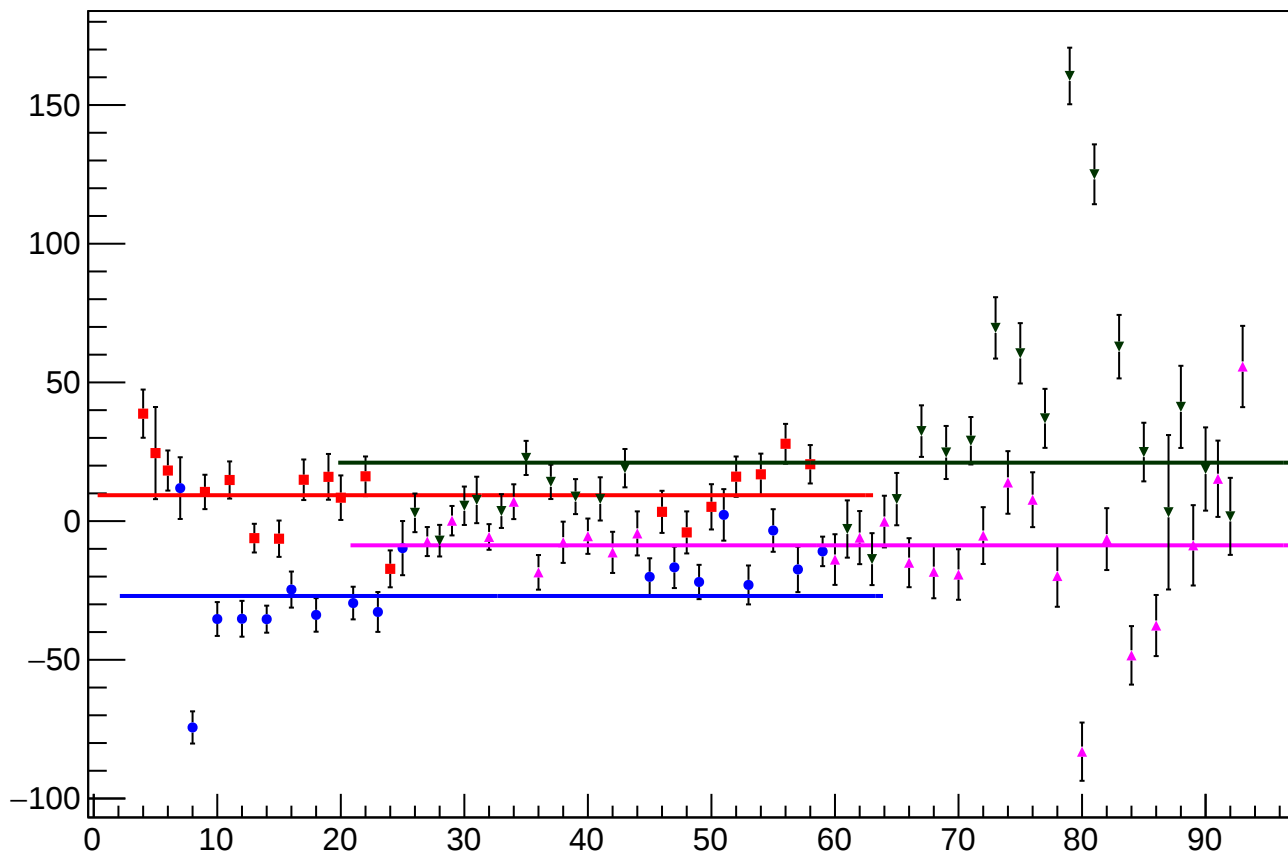
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3912.860+/-0.790 χ^2/NDF : 3258789.5/25

3324.705+/-0.565 χ^2/NDF : 14305121.7/44

4421.400+/-0.676 χ^2/NDF : 4856121.5/44

diff_bpm0l03X_mean vs slug



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

Left Out: 21.071 ± 1.638 $\chi^2/\text{NDF}: 410.6/26$

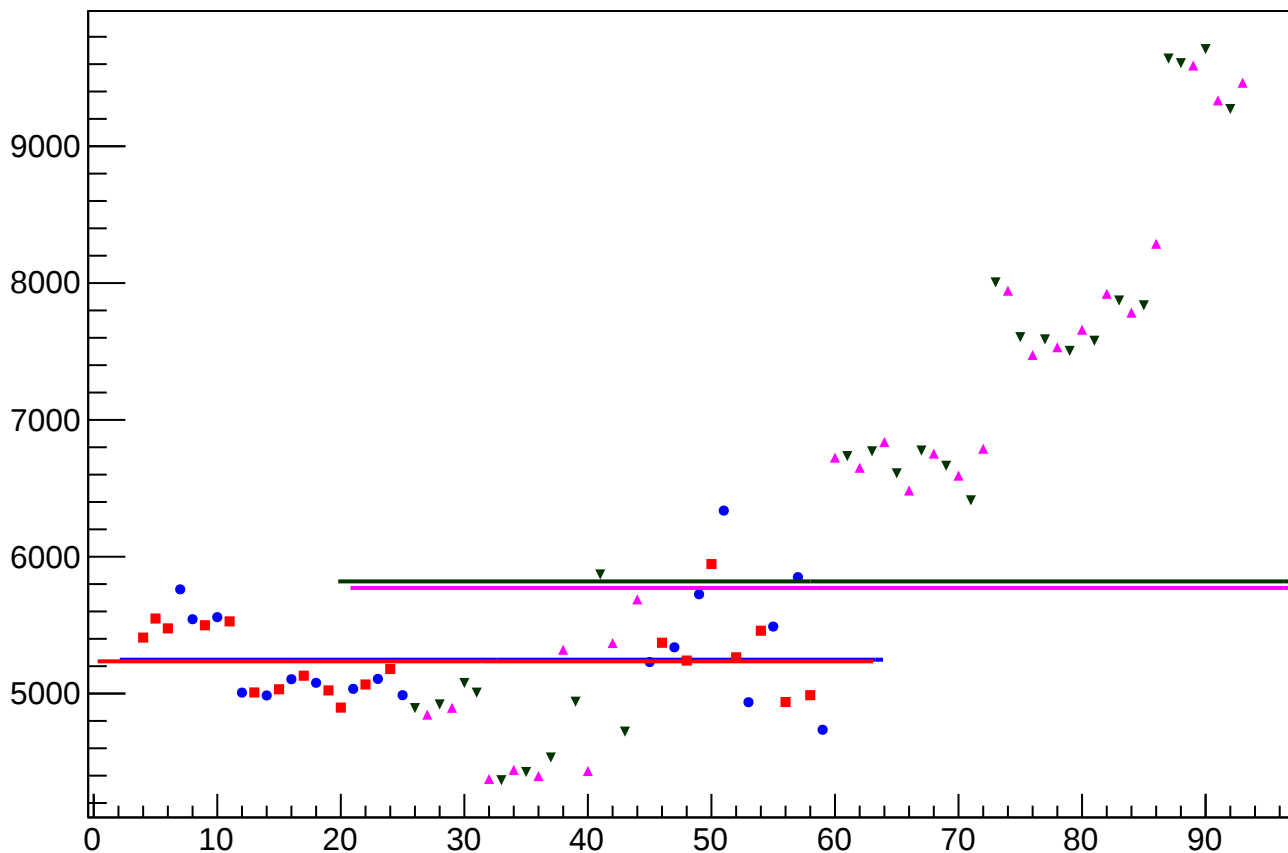
Right Out: 9.337 ± 1.659 $\chi^2/\text{NDF}: 62.4/18$

Left In: -8.729 ± 1.578 $\chi^2/\text{NDF}: 118.4/25$

-3.991 ± 1.133 $\chi^2/\text{NDF}: 983.8/44$

-0.151 ± 1.144 $\chi^2/\text{NDF}: 243.0/44$

diff_bpm0l03X_rms vs slug



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

Left Out: 5819.734+/-1.158 χ^2/NDF :1474898.4/26

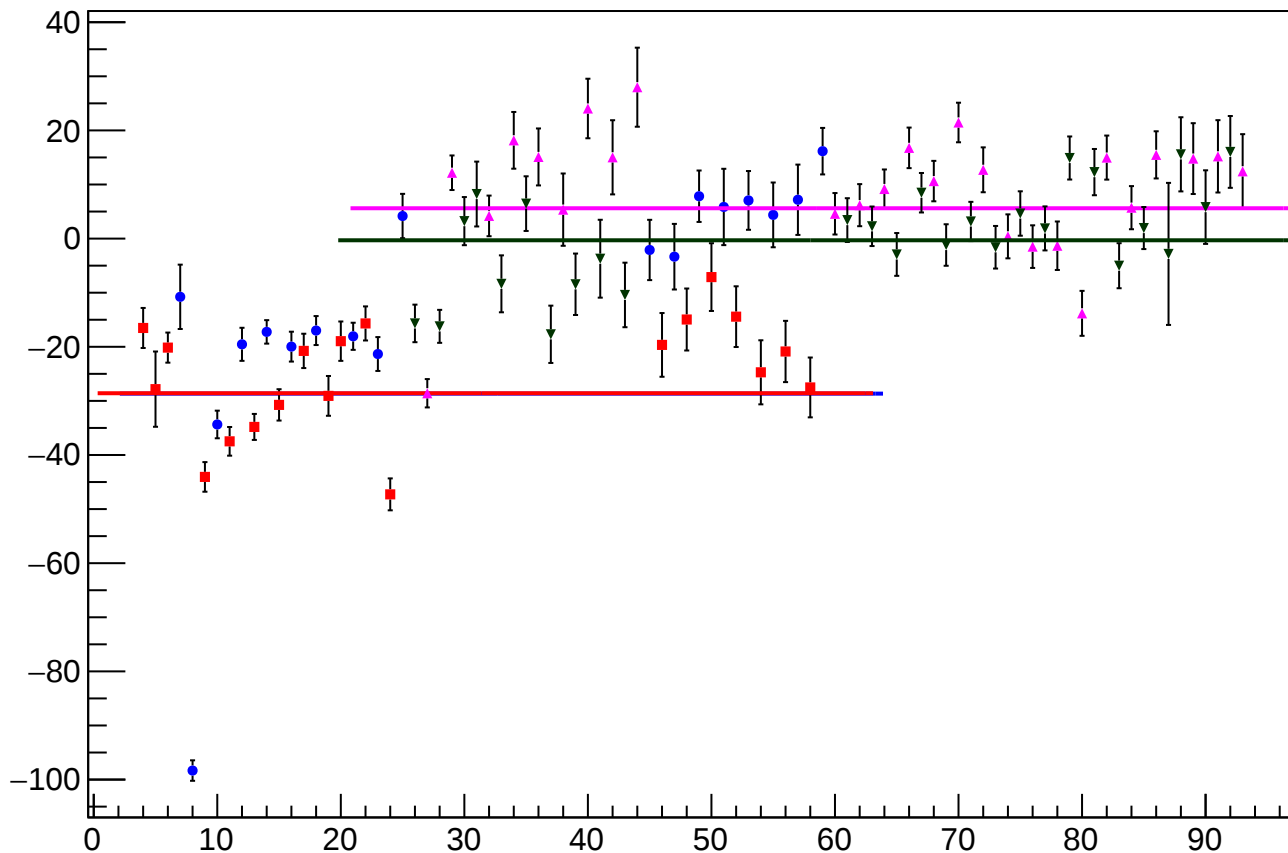
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 5771.900+/-1.116 χ^2/NDF :1622584.0/25

5521.368+/-0.801 χ^2/NDF : 1707731.0/44

5517.174+/-0.809 χ^2/NDF : 1779494.7/44

diff_bpm0l03Y_mean vs slug



Right In: -28.657 ± 0.782 $\chi^2/\text{NDF}: 1857.6/17$

Left Out: -0.310 ± 0.853 $\chi^2/\text{NDF}: 117.2/26$

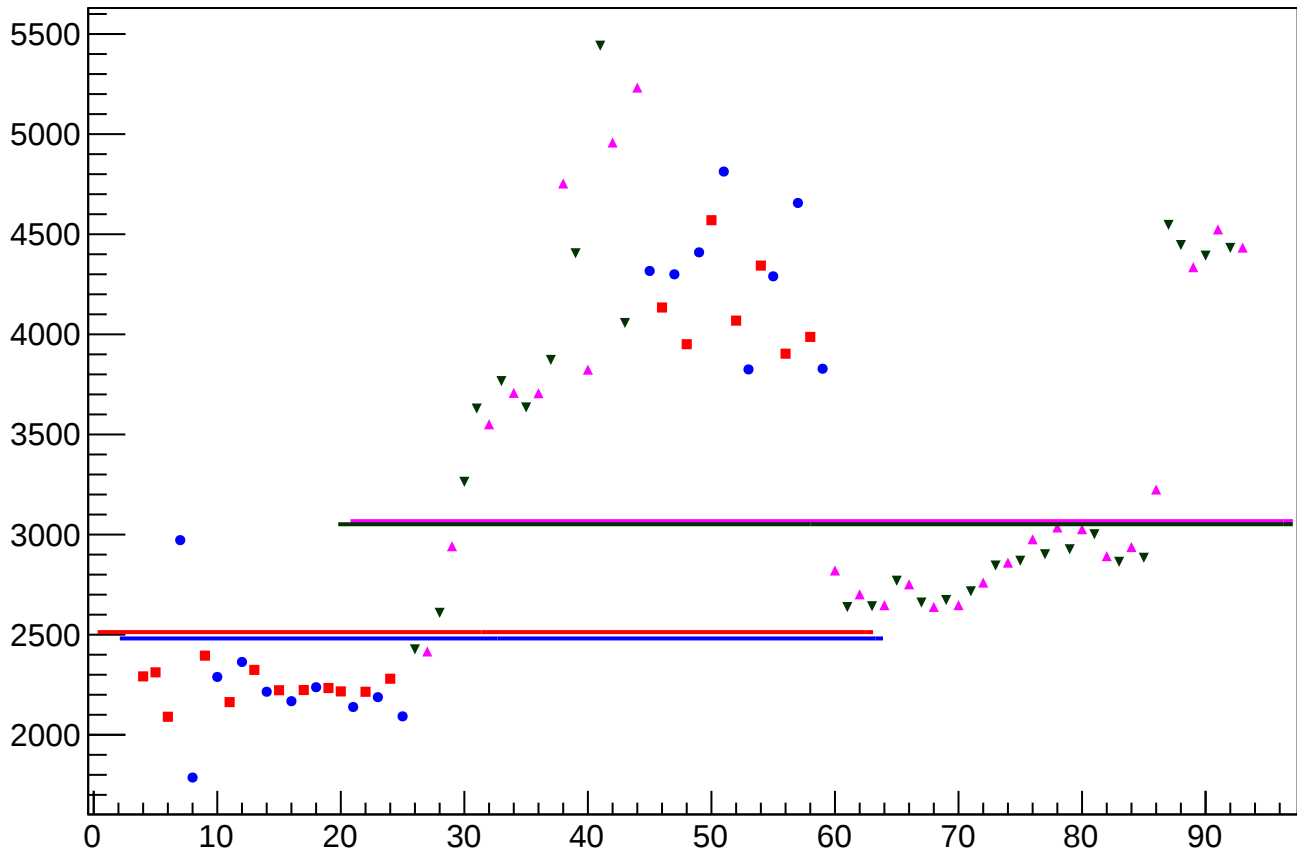
Right Out: -28.584 ± 0.826 $\chi^2/\text{NDF}: 168.7/18$

Left In: 5.610 ± 0.832 $\chi^2/\text{NDF}: 284.2/25$

-15.710 ± 0.576 $\chi^2/\text{NDF}: 2574.8/44$

-11.603 ± 0.586 $\chi^2/\text{NDF}: 1303.1/44$

diff_bpm0l03Y_rms vs slug



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

Left Out: 3051.586 $\pm$ 0.603 χ^2 /NDF:1043484.2/26

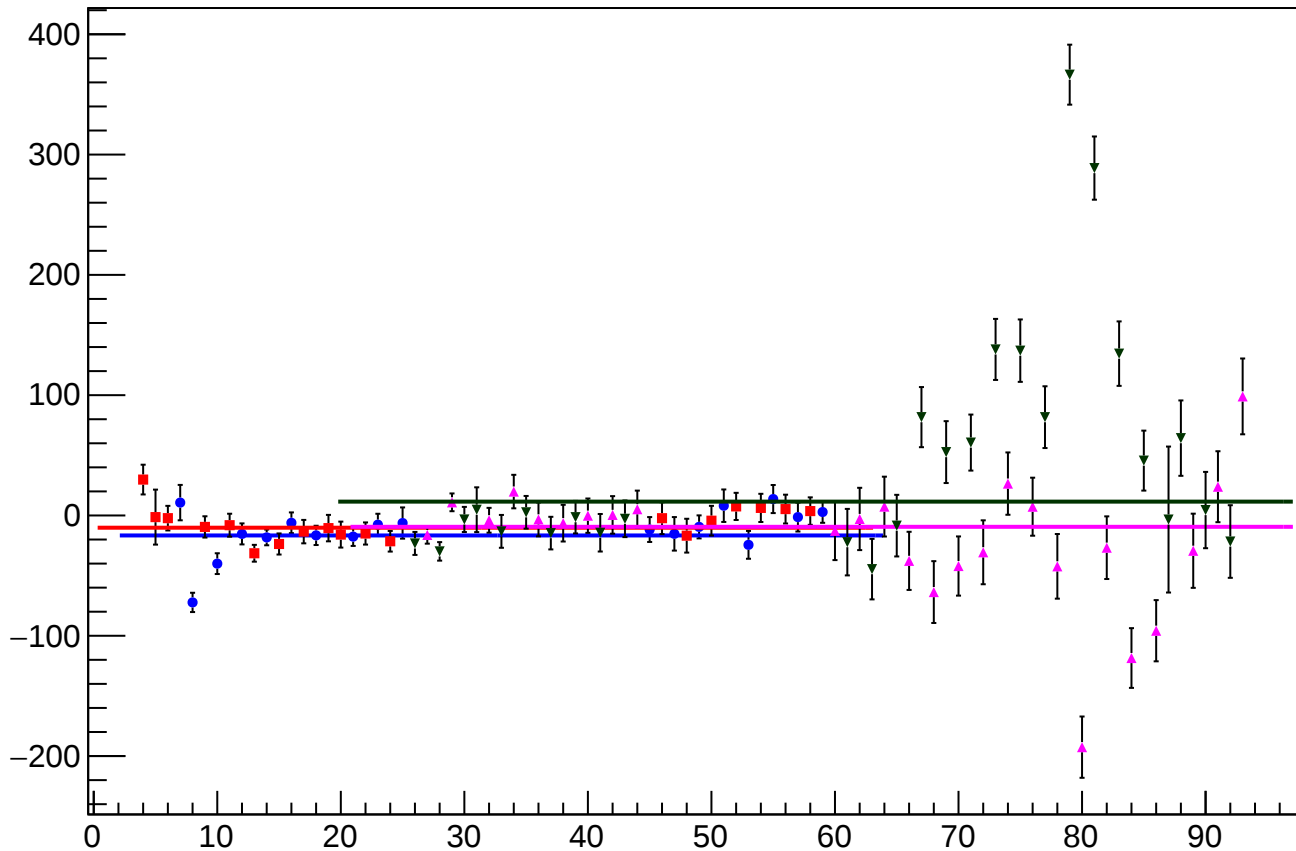
2741.721 $\pm$ 0.408 χ^2 /NDF: 3641798.7/44

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

2788.199 $\pm$ 0.415 χ^2 /NDF: 2852319.5/44

Left In: 3067.203 $\pm$ 0.588 χ^2 /NDF:1106938.4/25

diff_bpm0l04X_mean vs slug



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

Left Out: 11.510 ± 3.272 χ^2/NDF : 475.1/26

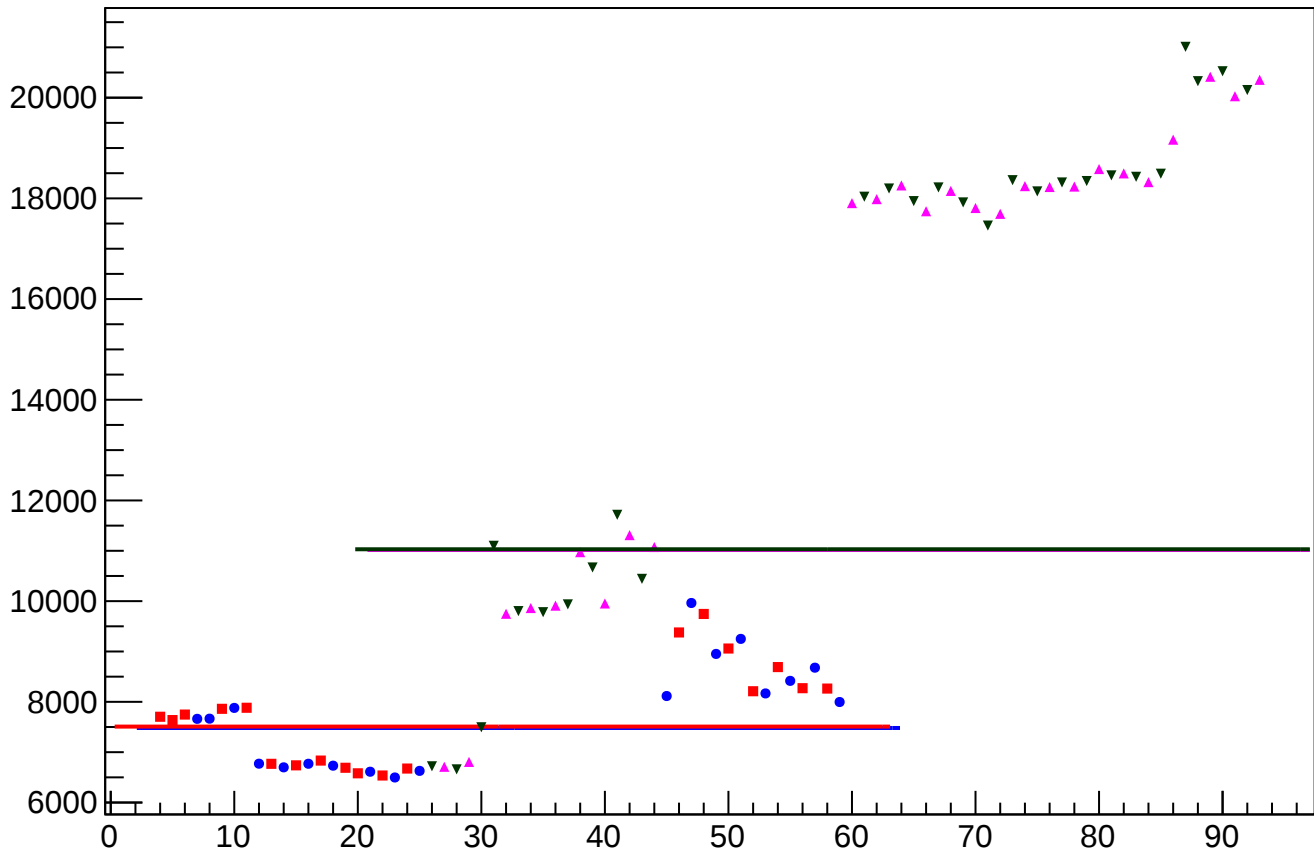
Right Out: -10.172 ± 2.389 χ^2/NDF : 33.7/18

Left In: -9.430 ± 3.168 χ^2/NDF : 124.3/25

-7.629 ± 1.849 χ^2/NDF : 605.2/44

-9.903 ± 1.907 χ^2/NDF : 158.0/44

diff_bpm0l04X_rms vs slug



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

Left Out: 11030.348+/-2.314 χ^2/NDF : 3968358.0/26

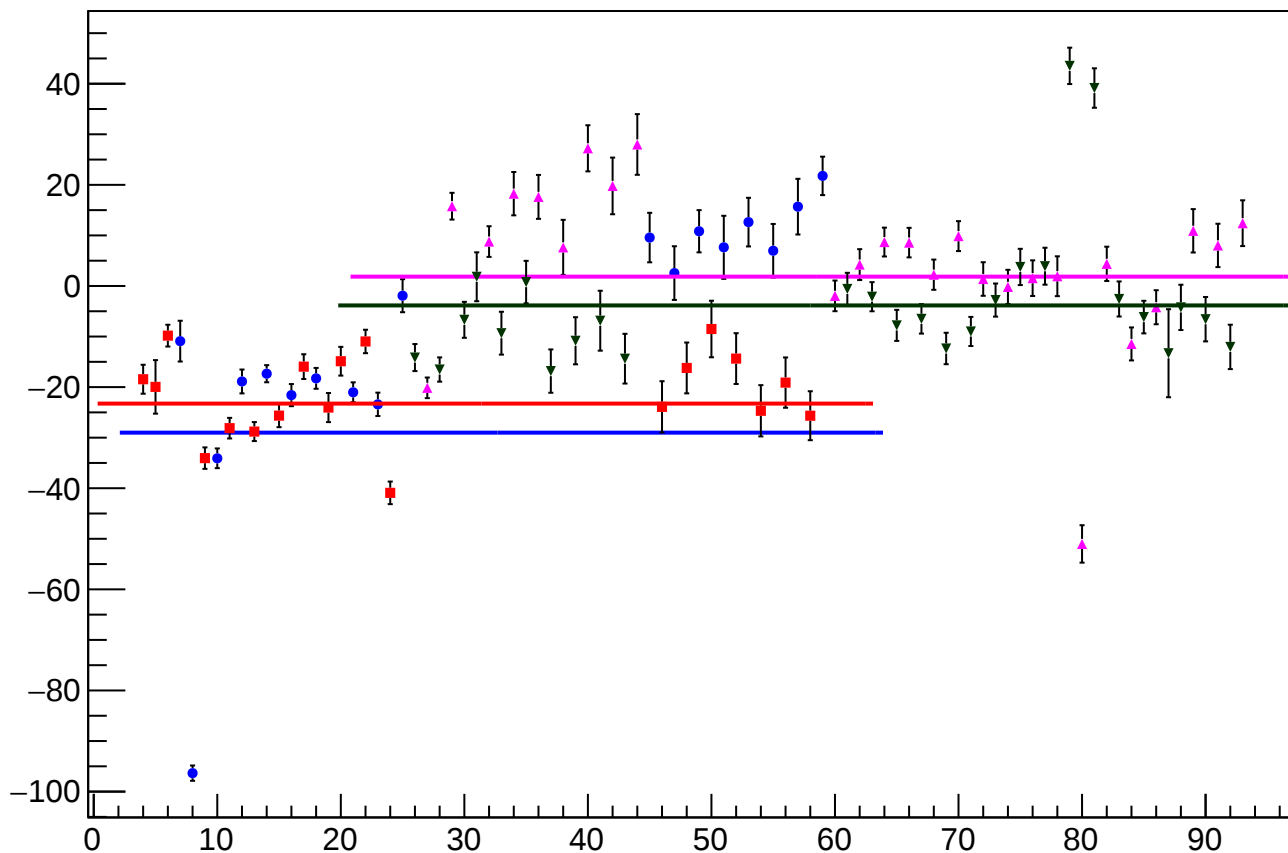
8614.517+/-1.308 χ^2/NDF : 5904913.6/44

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

8779.753+/-1.349 χ^2/NDF : 6087842.9/44

Left In: 11015.597+/-2.240 χ^2/NDF : 4235647.8/25

diff_bpm0l04Y_mean vs slug



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

Left Out: -3.846+/-0.687 χ^2/NDF : 388.2/26

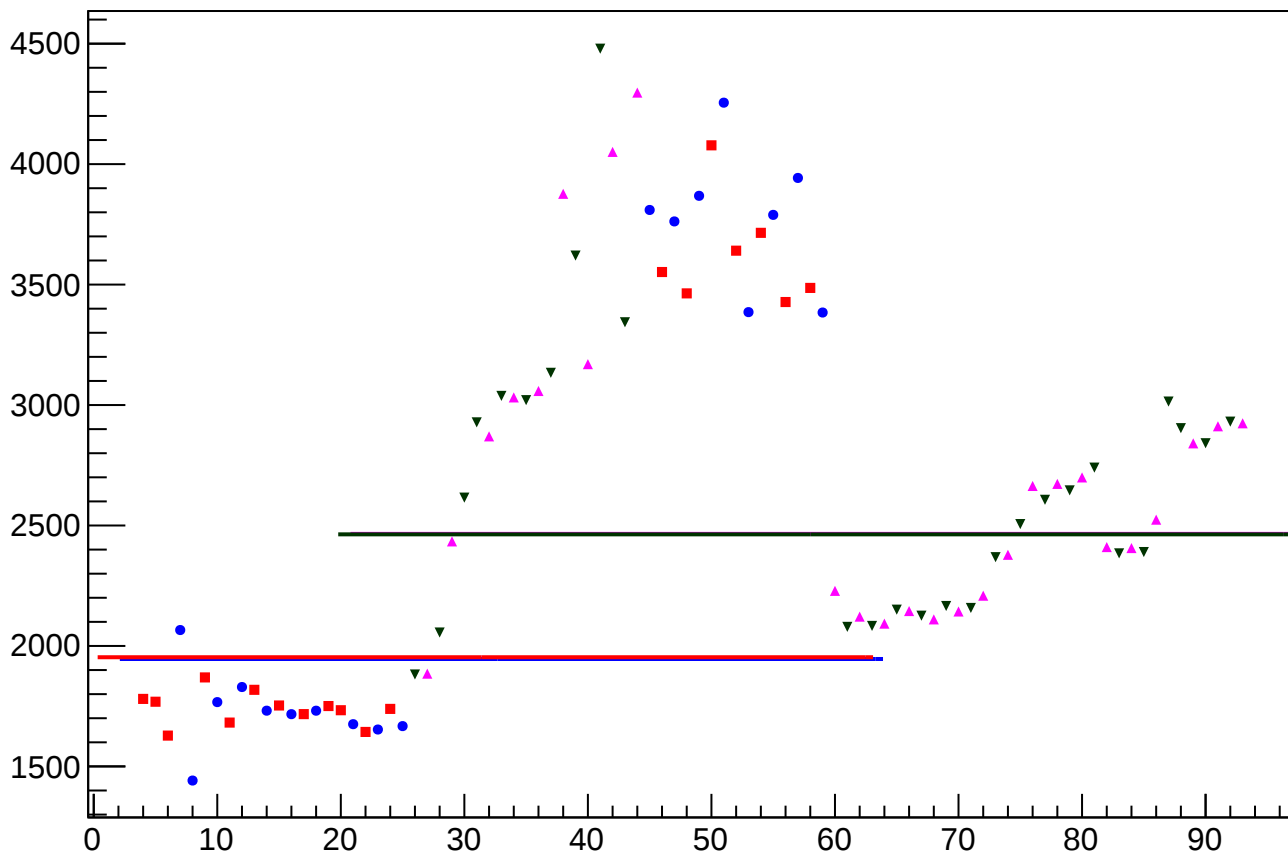
Right Out: -23.263+/-0.648 χ^2/NDF : 204.8/18

Left In: 1.847+/-0.667 χ^2/NDF : 496.0/25

-17.742+/-0.460 χ^2/NDF : 3921.5/44

-11.075+/-0.465 χ^2/NDF : 1429.7/44

diff_bpm0l04Y_rms vs slug



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

Left Out: 2463.274+/-0.486 χ^2/NDF : 953979.4/26

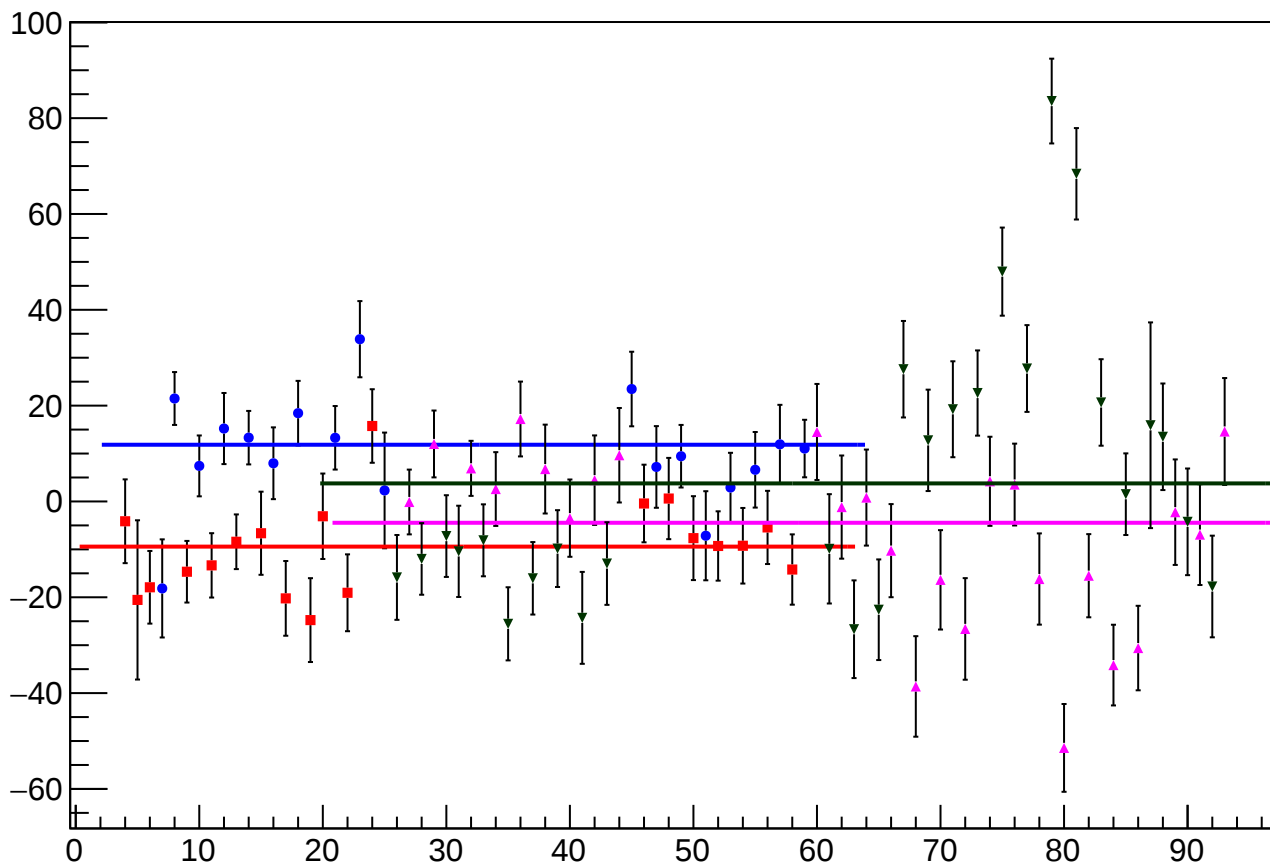
Right Out: 1953.157+/-0.458 χ^2/NDF : 1725858.1/18

Left In: 2465.250+/-0.472 χ^2/NDF : 1038835.8/25

2177.513+/-0.325 χ^2/NDF : 4180460.7/44

2201.721+/-0.329 χ^2/NDF : 3371057.0/44

diff_bpm0l05X_mean vs slug



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

Left Out: 3.766 $\pm$ 1.777 χ^2 /NDF: 249.1/26

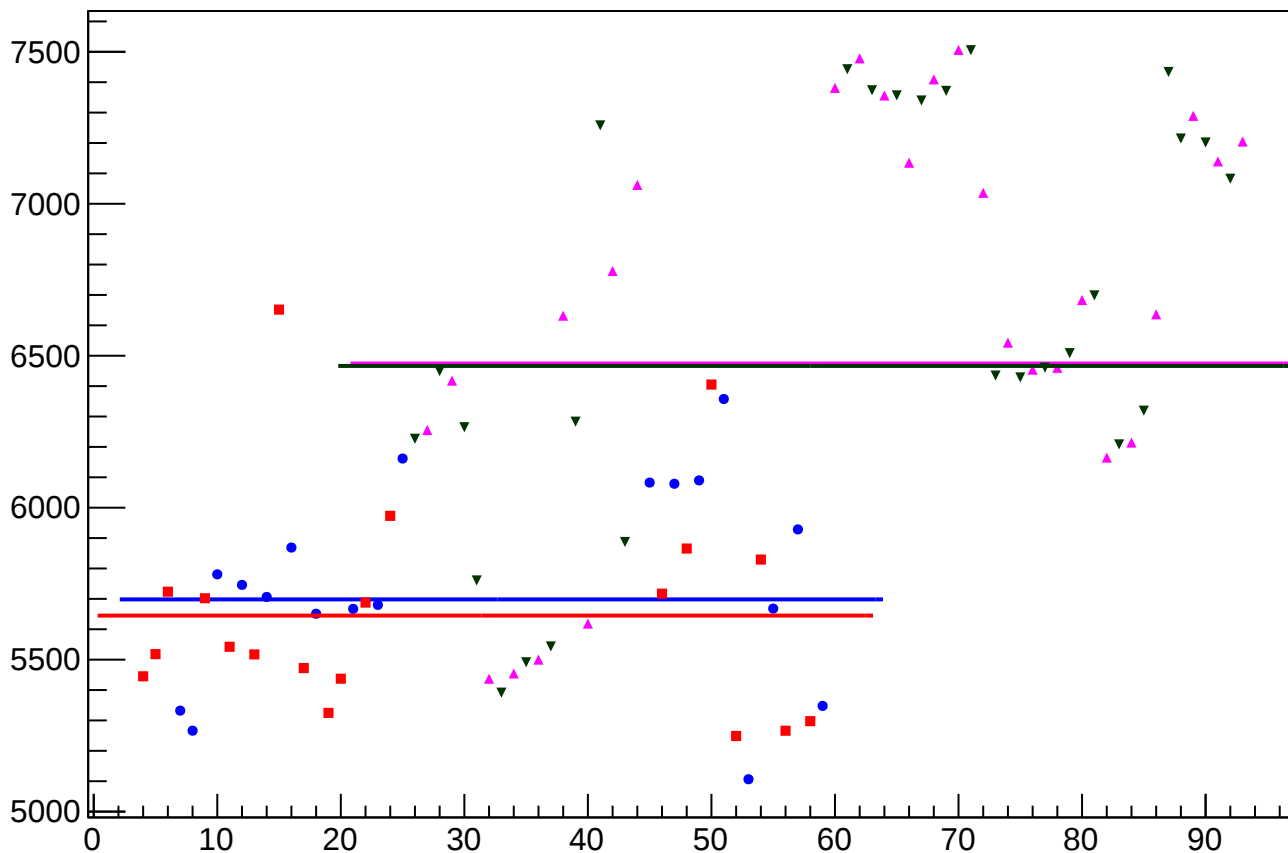
Right Out: -9.425 $\pm$ 1.790 χ^2 /NDF: 24.3/18

Left In: -4.450 $\pm$ 1.728 χ^2 /NDF: 98.8/25

7.979 $\pm$ 1.229 χ^2 /NDF: 290.6/44

-6.850 $\pm$ 1.243 χ^2 /NDF: 127.1/44

diff_bpm0l05X_rms vs slug



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

Left Out: 6466.437+/-1.257 χ^2/NDF : 268843.8/26

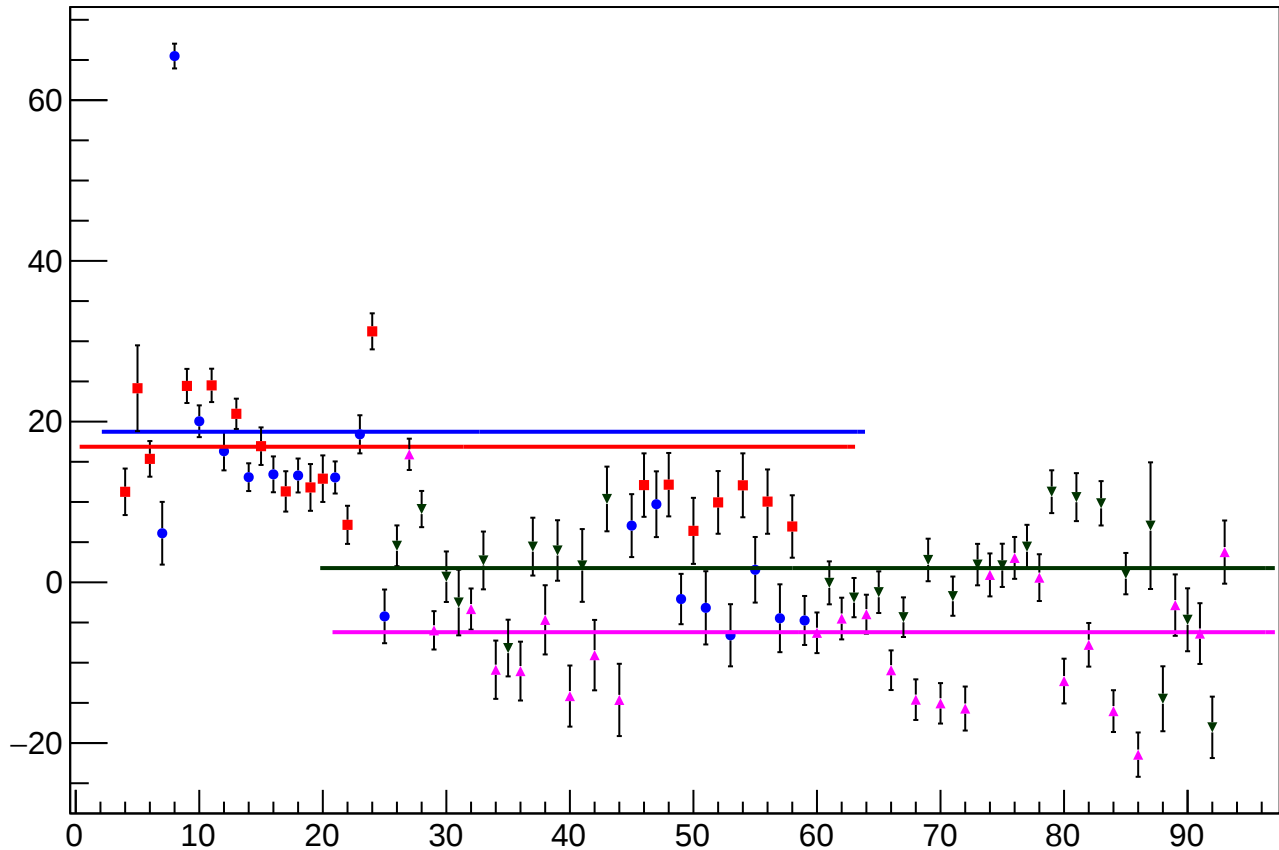
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6474.383+/-1.222 χ^2/NDF : 299534.2/25

6065.504+/-0.869 χ^2/NDF : 531038.4/44

6074.312+/-0.879 χ^2/NDF : 593272.9/44

diff_bpm0l05Y_mean vs slug



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

Left Out: 1.774 $\pm$ 0.574 χ^2 /NDF: 116.3/26

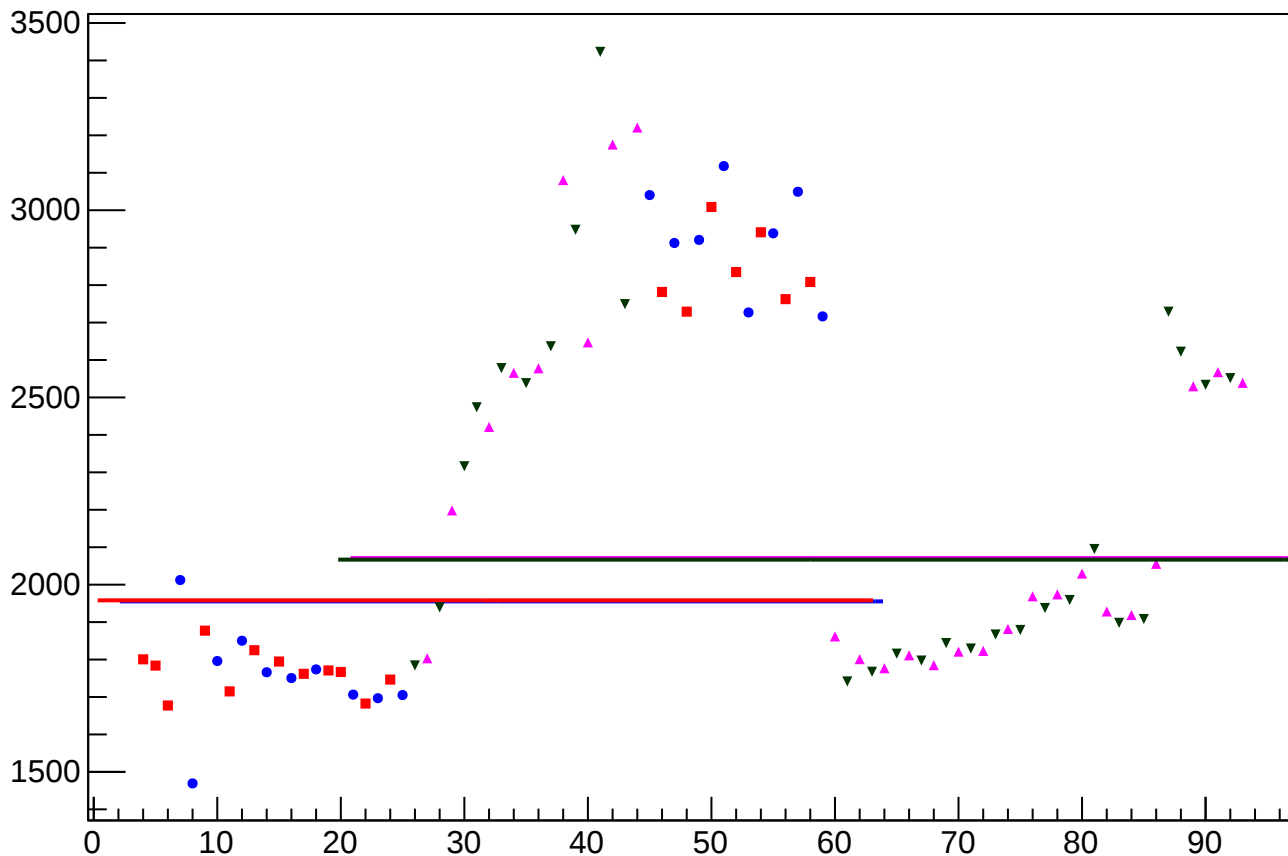
Right Out: 16.874 $\pm$ 0.633 χ^2 /NDF: 128.0/18

Left In: -6.203 $\pm$ 0.558 χ^2 /NDF: 264.9/25

9.862 $\pm$ 0.415 χ^2 /NDF: 1773.5/44

3.891 $\pm$ 0.419 χ^2 /NDF: 1140.1/44

diff_bpm0l05Y_rms vs slug



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

Left Out: 2066.878 $\pm$ 0.406 χ^2 /NDF: 829099.3/26

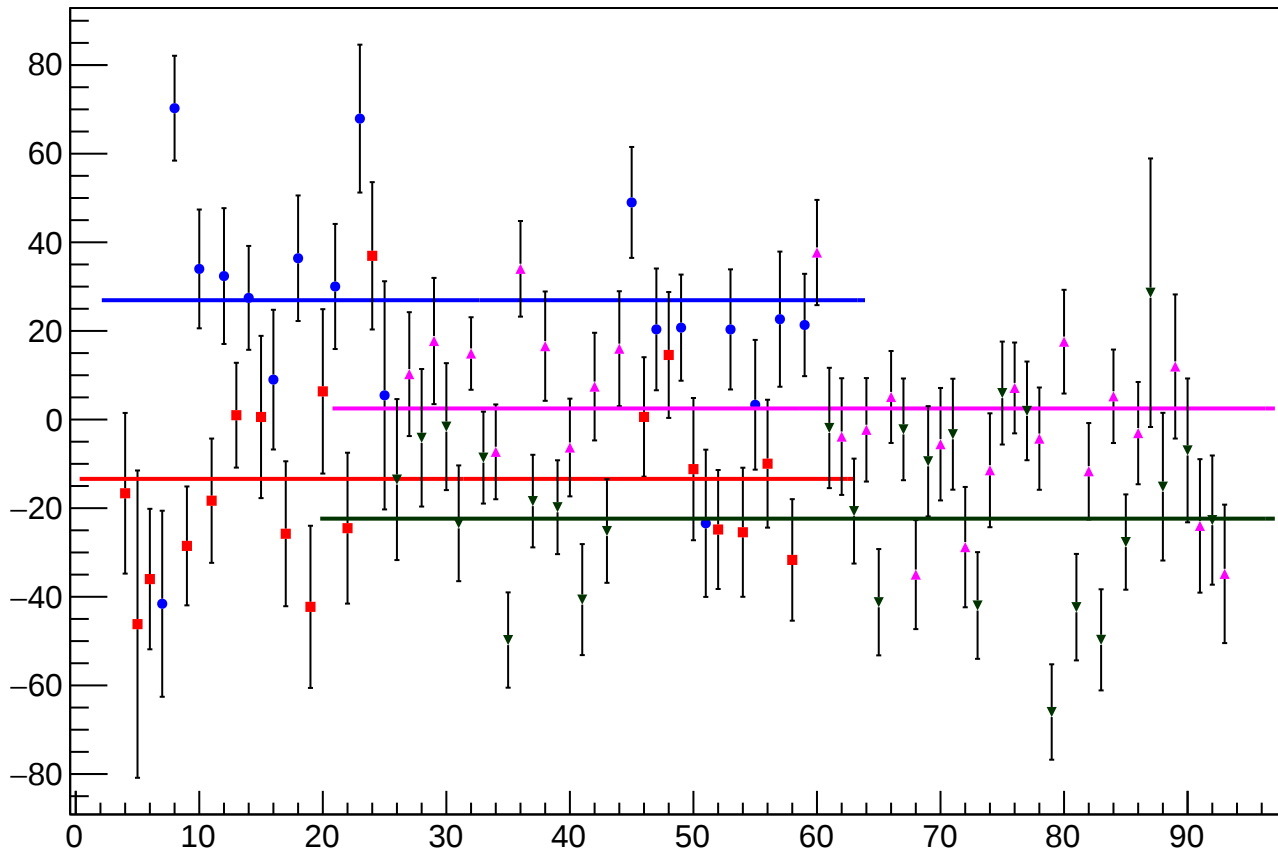
Right Out: 1958.115 $\pm$ 0.448 χ^2 /NDF: 858074.3/18

Left In: 2071.267 $\pm$ 0.395 χ^2 /NDF: 838785.2/25

2013.713 $\pm$ 0.294 χ^2 /NDF: 2240724.7/44

2021.772 $\pm$ 0.296 χ^2 /NDF: 1732787.5/44

diff_bpm0l06X_mean vs slug



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

Left Out: -22.364 ± 2.390 χ^2/NDF : 68.1/26

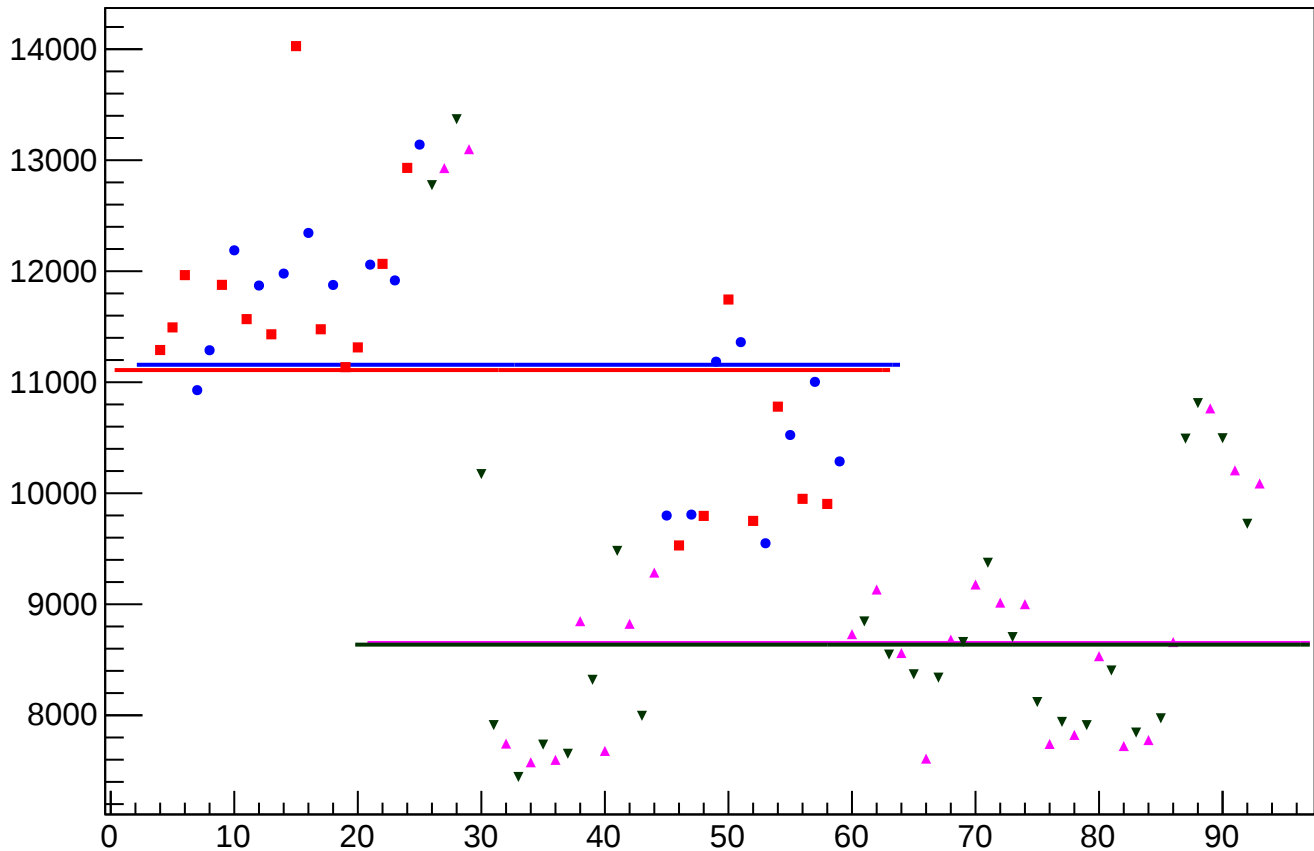
Right Out: -13.392 ± 3.535 χ^2/NDF : 28.4/18

Left In: 2.501 ± 2.324 χ^2/NDF : 55.1/25

-5.645 ± 1.943 χ^2/NDF : 261.2/44

-2.296 ± 1.942 χ^2/NDF : 97.6/44

diff_bpm0l06X_rms vs slug



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

Left Out: 8636.457+/-1.690 χ^2/NDF : 521743.8/26

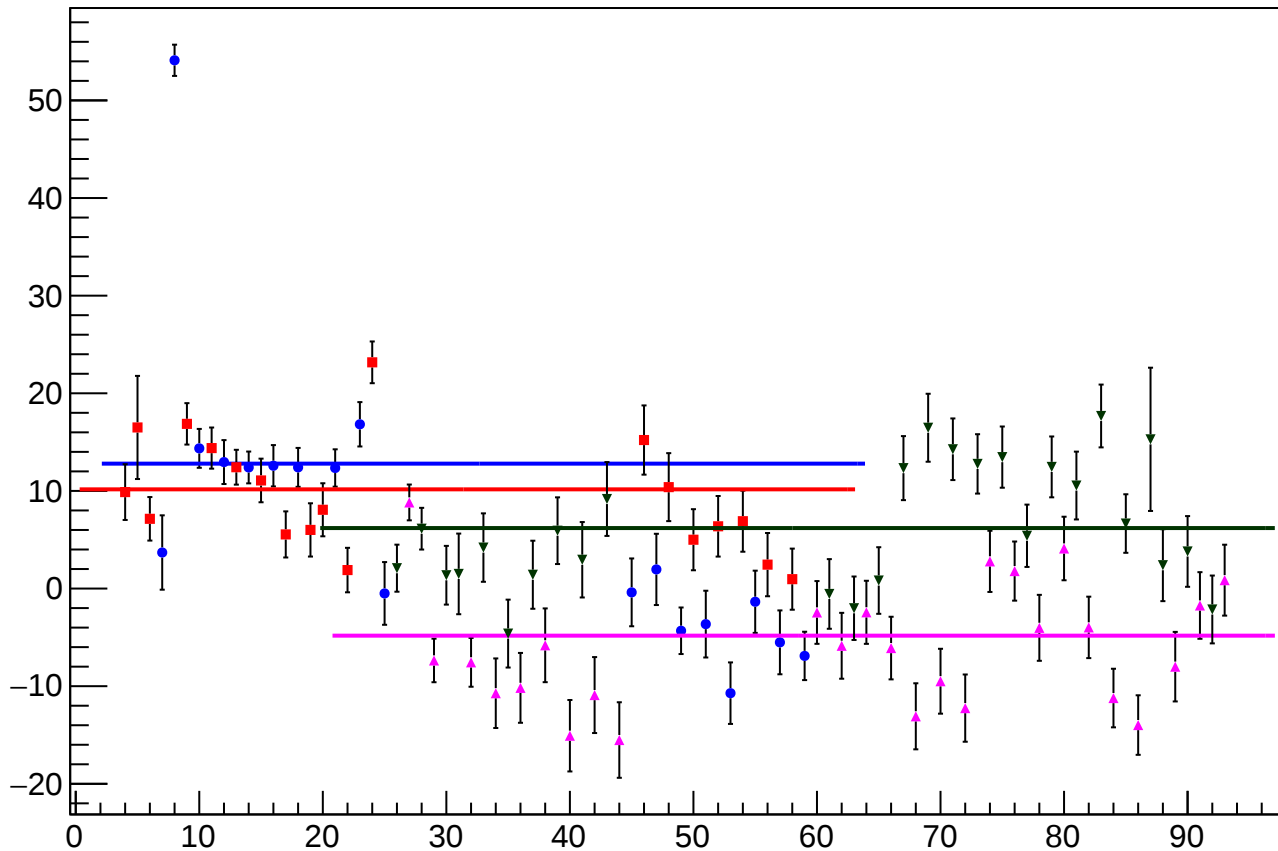
9491.439+/-1.374 χ^2/NDF : 1429819.4/44

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

9393.413+/-1.373 χ^2/NDF : 1494969.8/44

Left In: 8651.473+/-1.643 χ^2/NDF : 623223.8/25

diff_bpm0l06Y_mean vs slug



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

Left Out: 6.196 ± 0.630 χ^2/NDF : 88.5/26

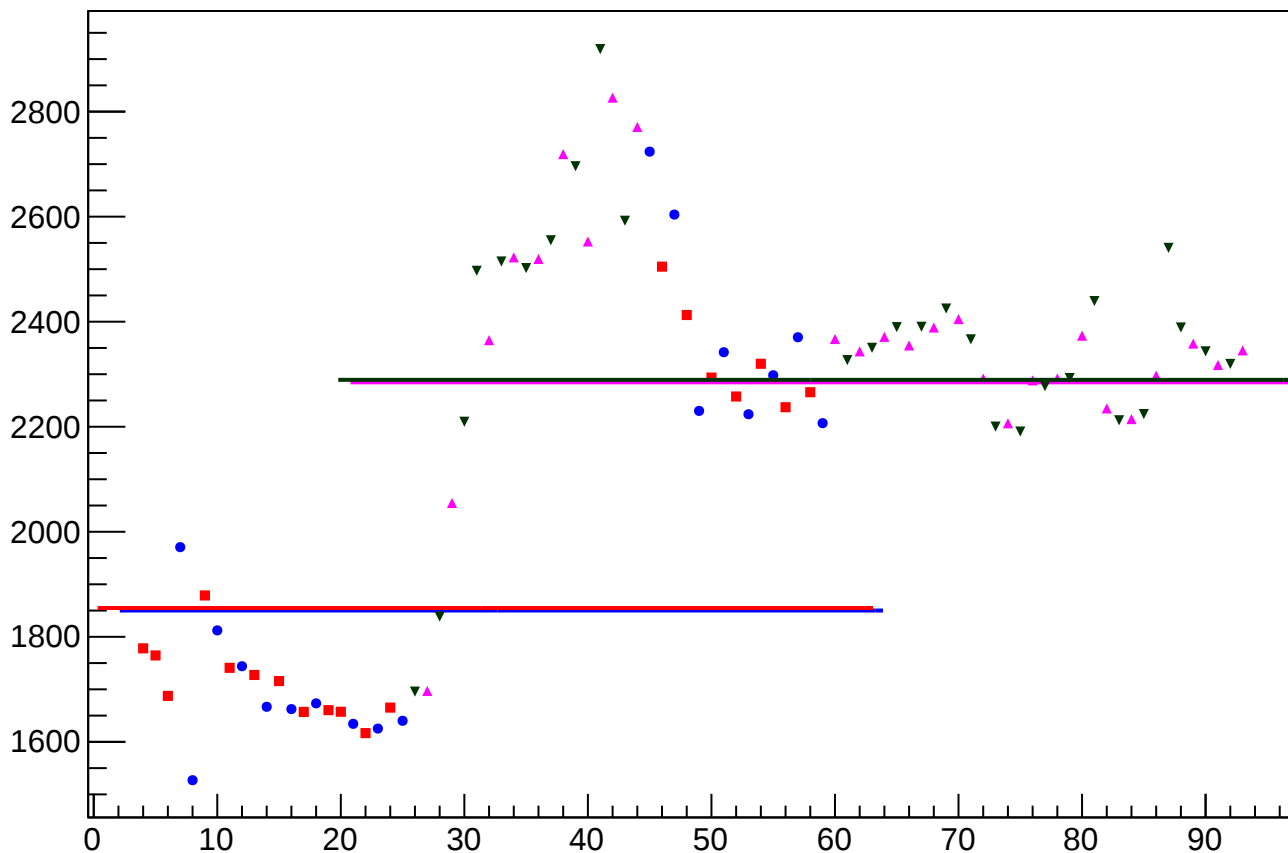
Right Out: 10.162 ± 0.592 χ^2/NDF : 97.7/18

Left In: -4.824 ± 0.610 χ^2/NDF : 130.7/25

9.889 ± 0.418 χ^2/NDF : 1110.8/44

2.890 ± 0.425 χ^2/NDF : 539.0/44

diff_bpm0l06Y_rms vs slug



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

Left Out: 2289.292+/-0.446 χ^2/NDF : 361374.1/26

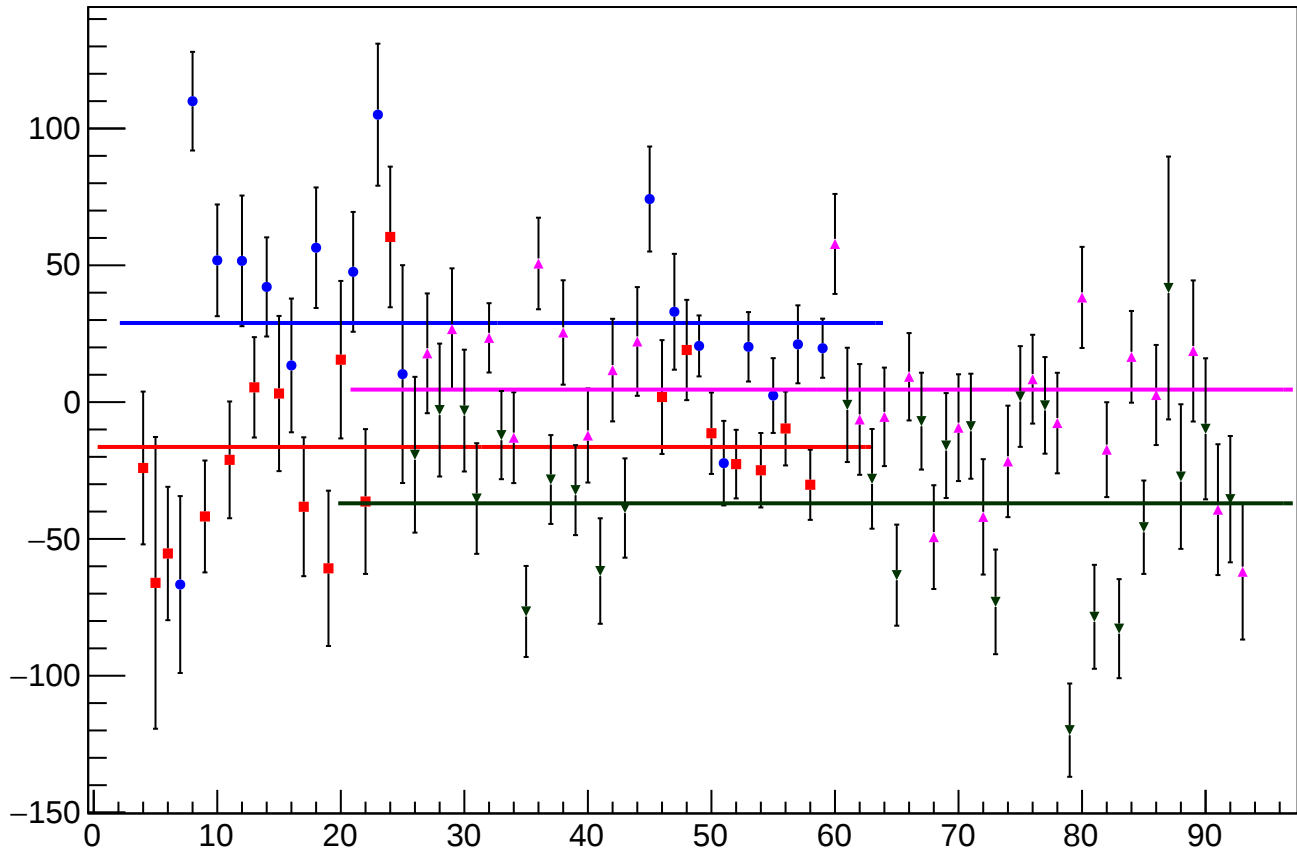
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2284.542+/-0.431 χ^2/NDF : 368883.4/25

2043.463+/-0.296 χ^2/NDF : 1568158.0/44

2063.338+/-0.301 χ^2/NDF : 1287487.0/44

diff_bpm0l07X_mean vs slug



Right In: 28.924 $\pm$ 4.035 χ^2 /NDF: 65.6/17

Left Out: -36.983 $\pm$ 3.732 χ^2 /NDF: 77.4/26

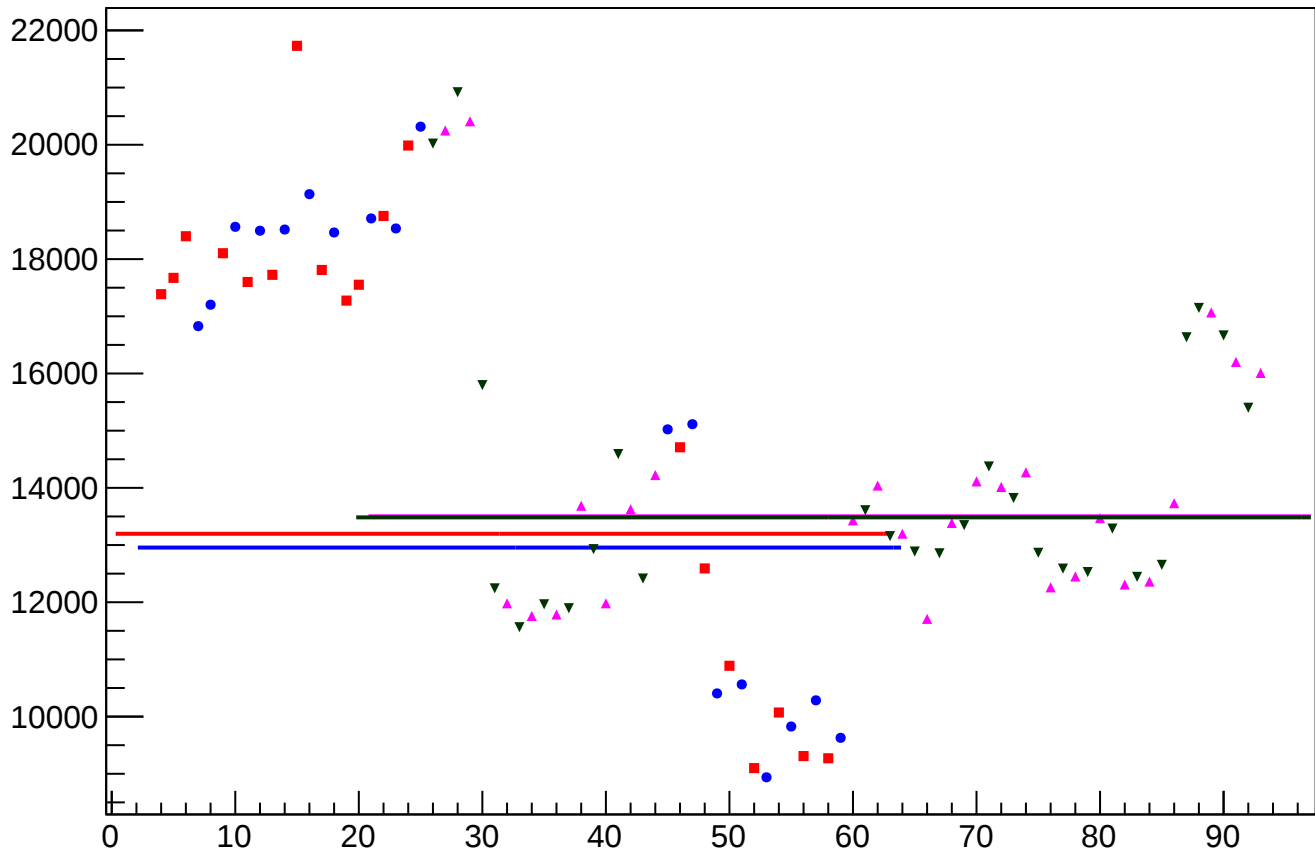
Right Out: -16.388 $\pm$ 4.377 χ^2 /NDF: 27.5/18

Left In: 4.574 $\pm$ 3.627 χ^2 /NDF: 56.5/25

-6.594 $\pm$ 2.740 χ^2 /NDF: 286.8/44

-3.961 $\pm$ 2.793 χ^2 /NDF: 97.6/44

diff_bpm0l07X_rms vs slug



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

Left Out: 13483.965+/-2.639 χ^2/NDF : 529014.0/26

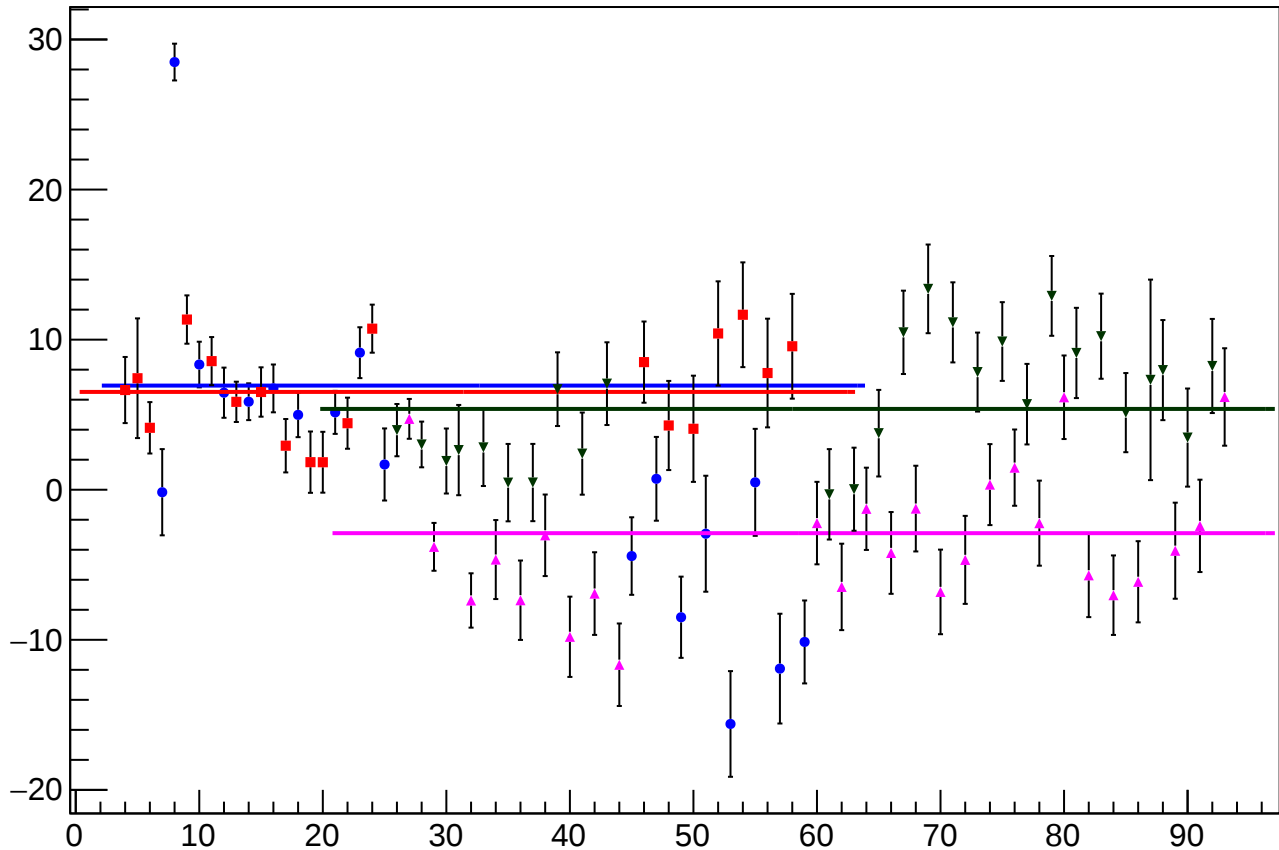
13240.483+/-1.937 χ^2/NDF : 2448106.5/44

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

13378.463+/-1.975 χ^2/NDF : 2402533.0/44

Left In: 13502.962+/-2.565 χ^2/NDF : 628993.7/25

diff_bpm0l07Y_mean vs slug



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

Left Out: 5.384 ± 0.502 χ^2/NDF : 57.7/26

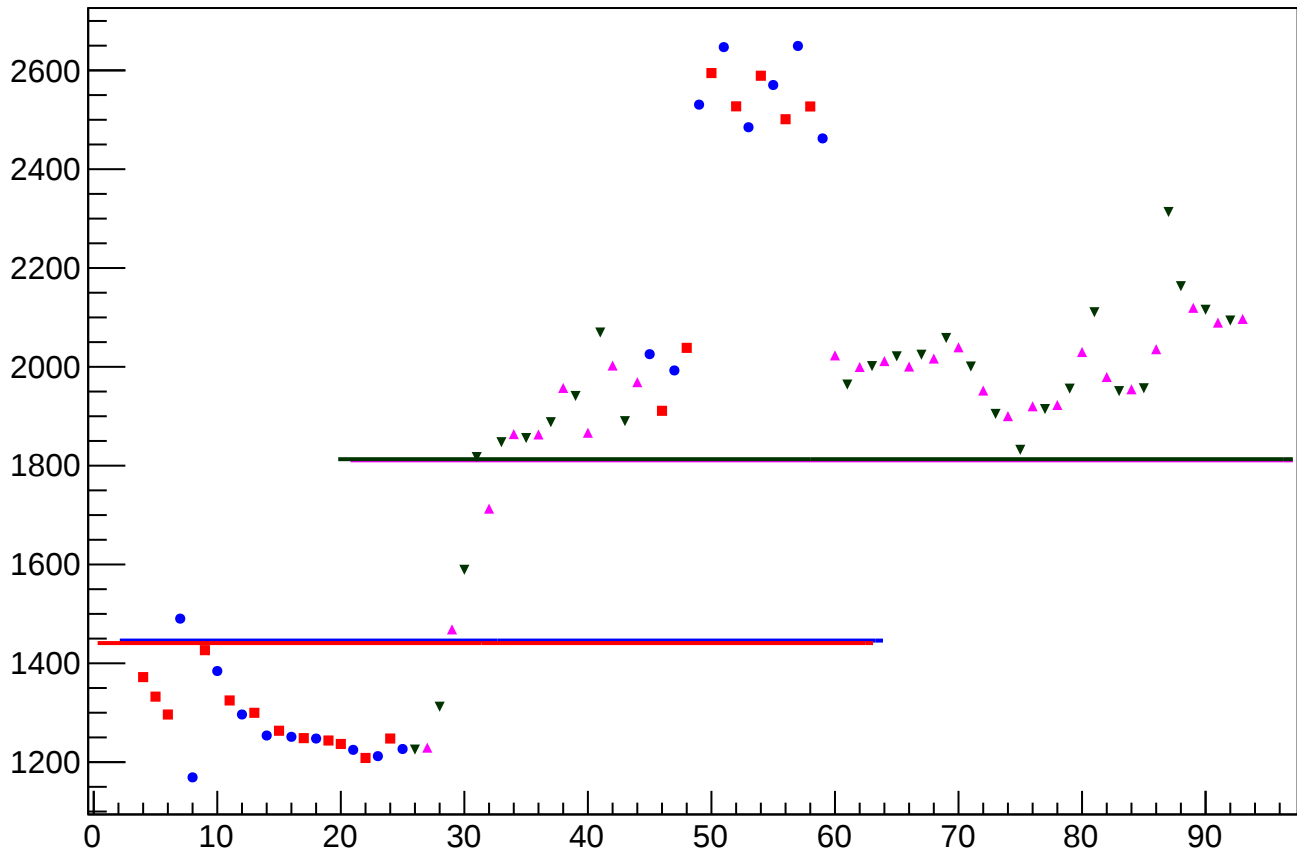
Right Out: 6.517 ± 0.472 χ^2/NDF : 41.8/18

Left In: -2.894 ± 0.486 χ^2/NDF : 94.3/25

6.247 ± 0.335 χ^2/NDF : 562.6/44

1.955 ± 0.339 χ^2/NDF : 329.3/44

diff_bpm0l07Y_rms vs slug



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

Left Out: 1813.084+/-0.355 χ^2/NDF : 660460.9/26

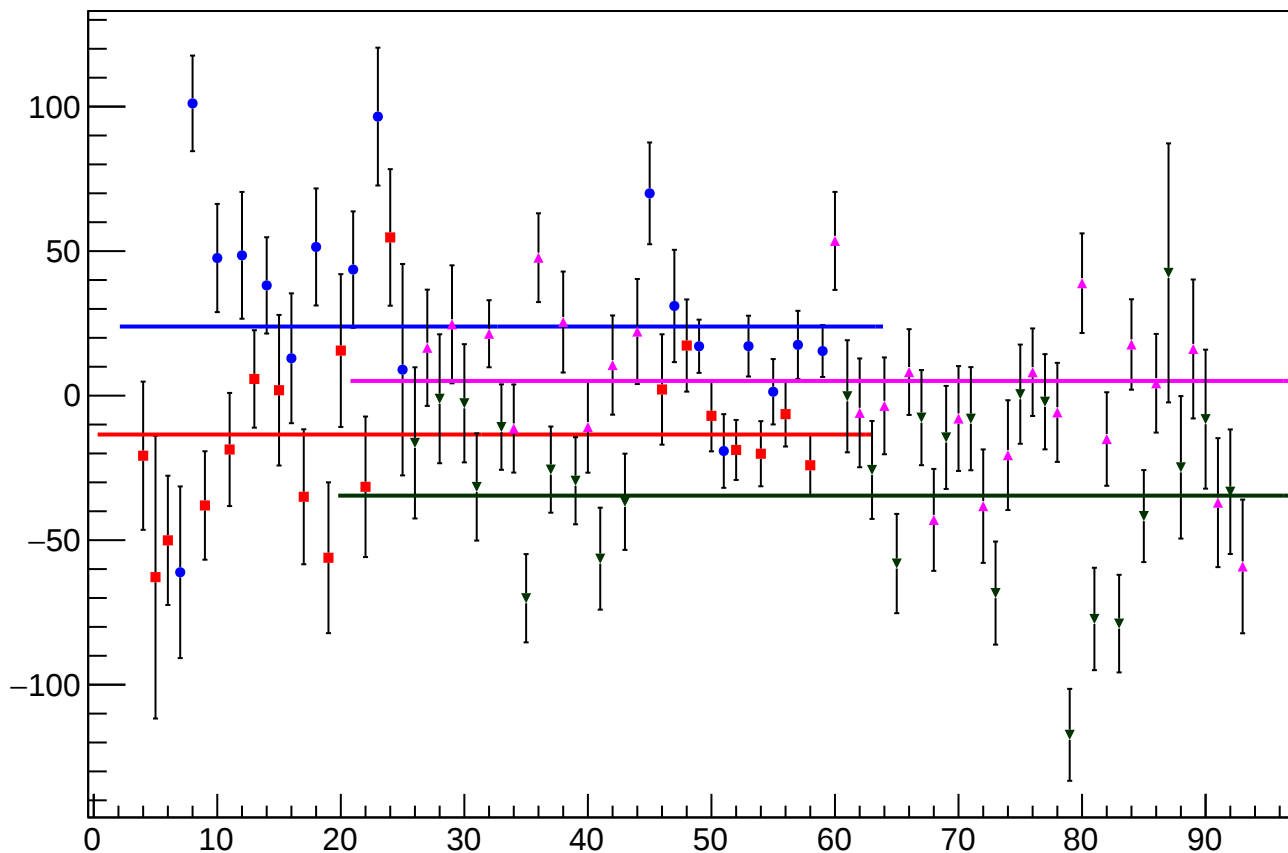
1609.438+/-0.237 χ^2/NDF : 3145439.8/44

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

1620.203+/-0.239 χ^2/NDF : 2603617.1/44

Left In: 1810.715+/-0.344 χ^2/NDF : 674411.2/25

diff_bpm0l08X_mean vs slug



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

Left Out: -34.592 $\pm$ 3.456 χ^2 /NDF:82.6/26

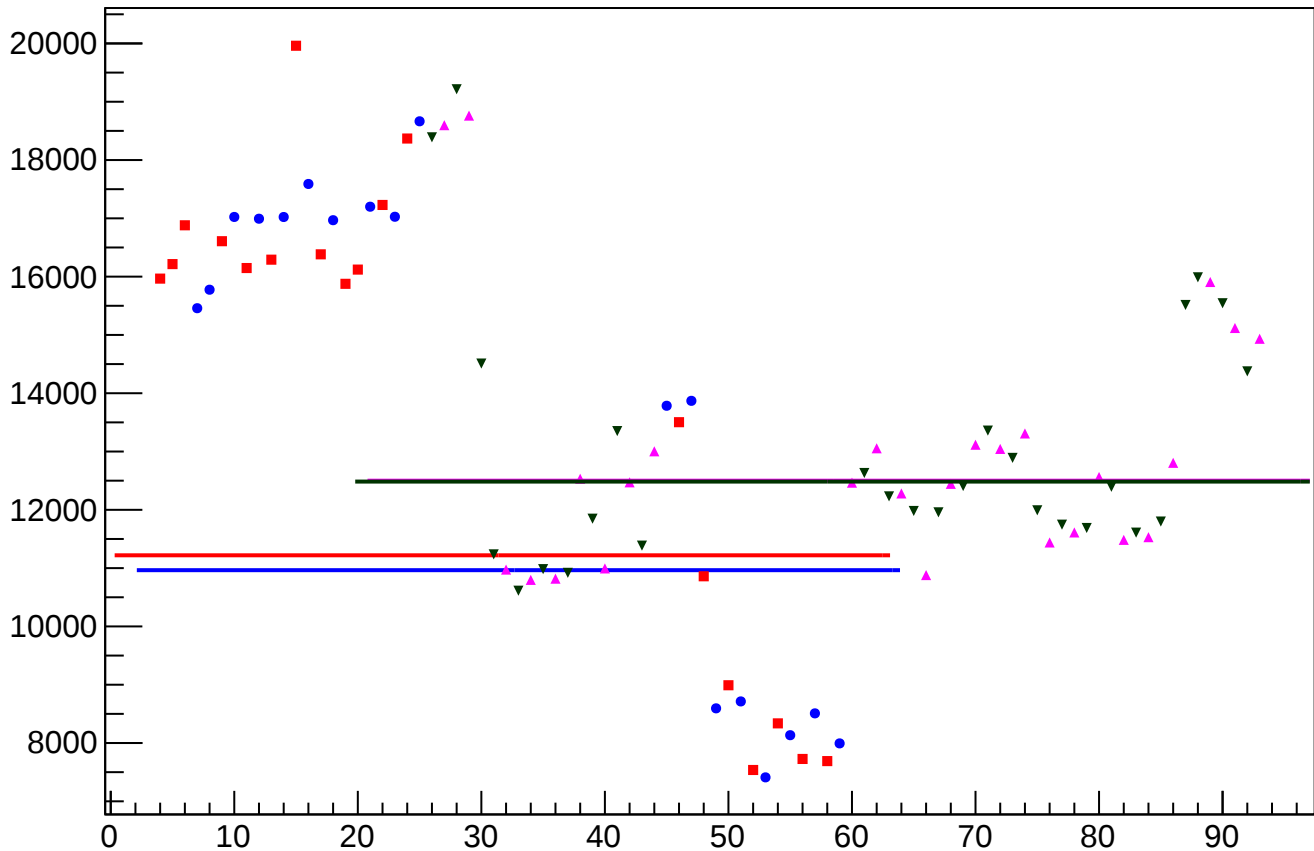
Right Out: -13.450 $\pm$ 3.783 χ^2 /NDF: 27.5/18

Left In: 5.081 $\pm$ 3.358 χ^2 /NDF:56.9/25

-5.461 $\pm$ 2.449 χ^2 /NDF: 295.9/44

-3.085 $\pm$ 2.511 χ^2 /NDF: 97.8/44

diff_bpm0l08X_rms vs slug



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

Left Out: 12484.577+/-2.444 χ^2/NDF : 530691.2/26

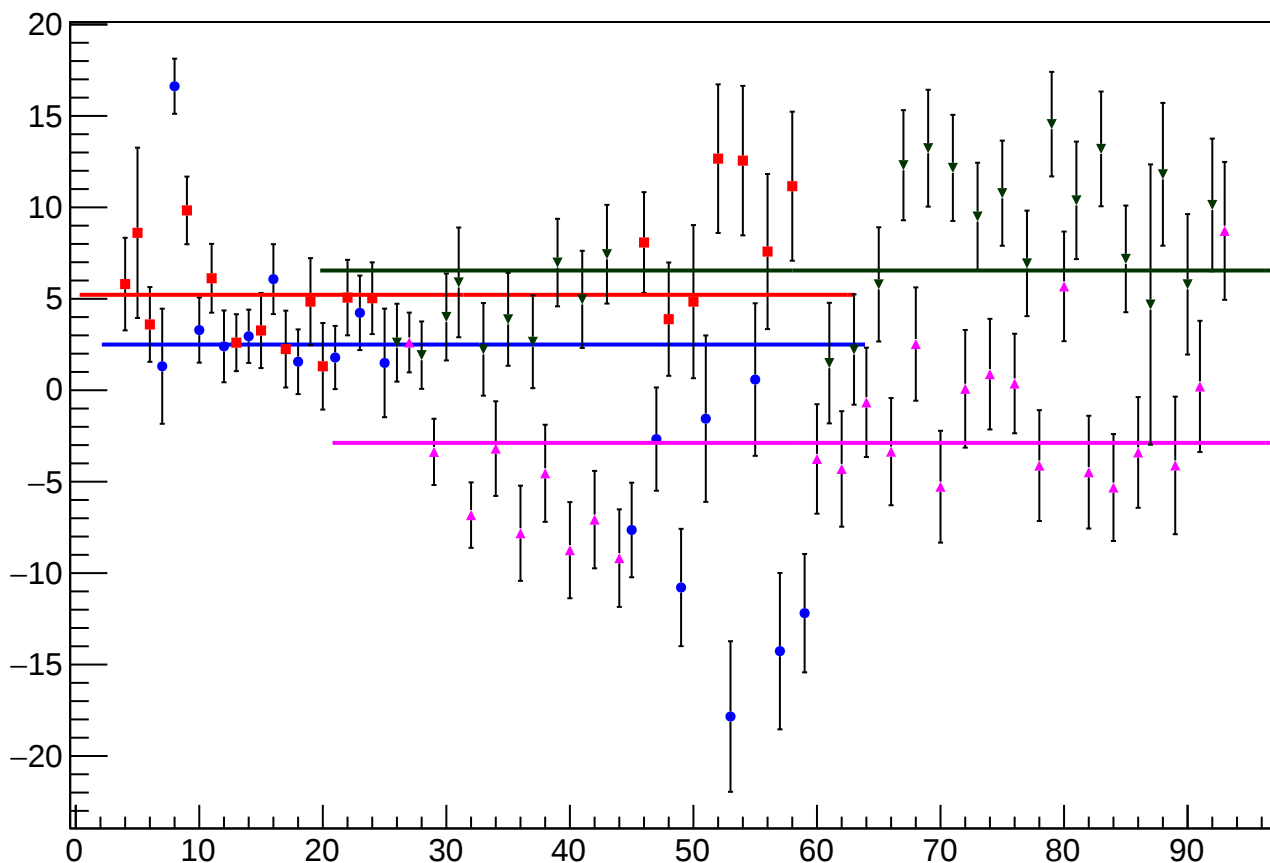
11727.740+/-1.731 χ^2/NDF : 3274151.6/44

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

11936.045+/-1.776 χ^2/NDF : 3102329.9/44

Left In: 12500.191+/-2.374 χ^2/NDF : 630272.9/25

diff_bpm0l08Y_mean vs slug



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

Left Out: 6.547 ± 0.544 χ^2/NDF : 53.9/26

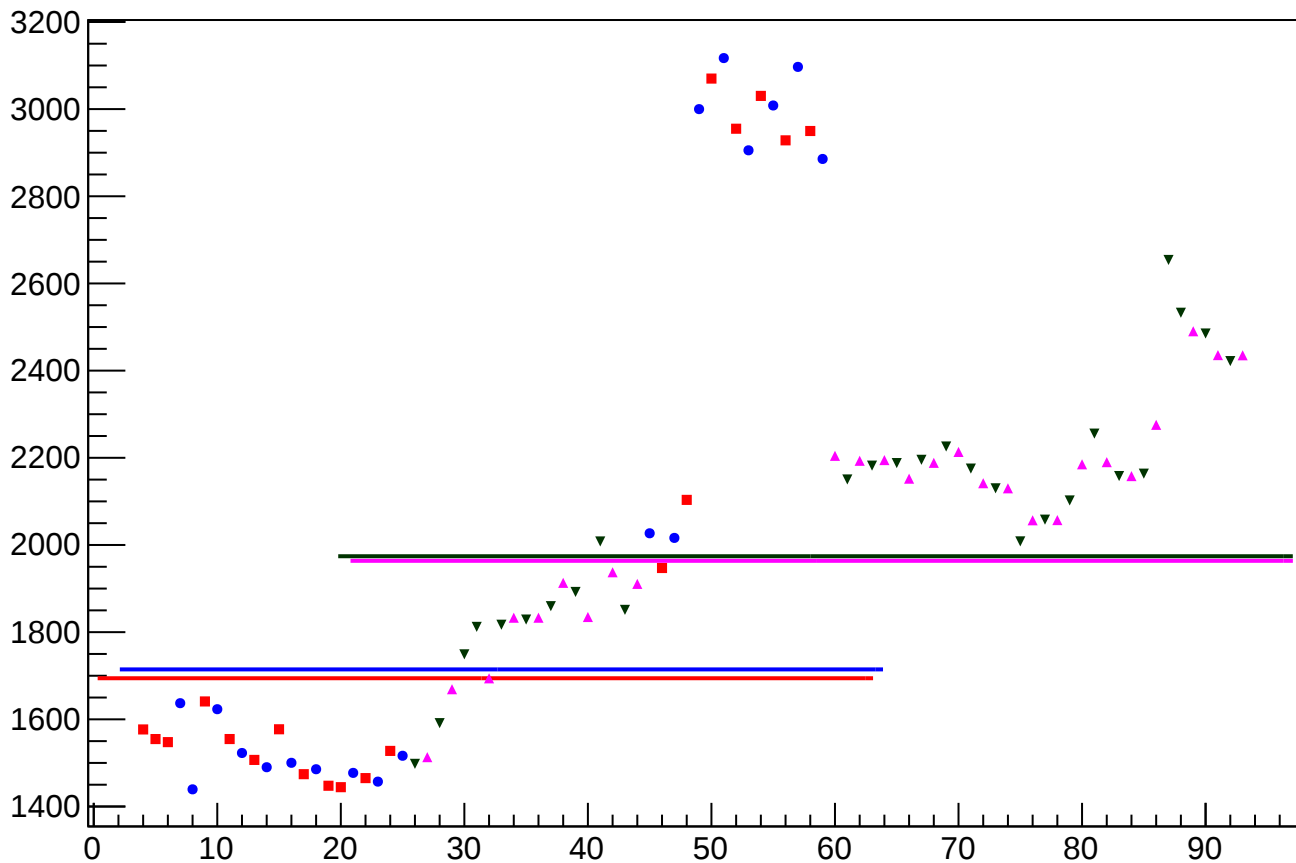
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -2.877 ± 0.526 χ^2/NDF : 61.2/25

4.470 ± 0.380 χ^2/NDF : 272.7/44

0.967 ± 0.381 χ^2/NDF : 200.3/44

diff_bpm0l08Y_rms vs slug



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

Left Out: 1974.174+/-0.385 χ^2/NDF : 457571.6/26

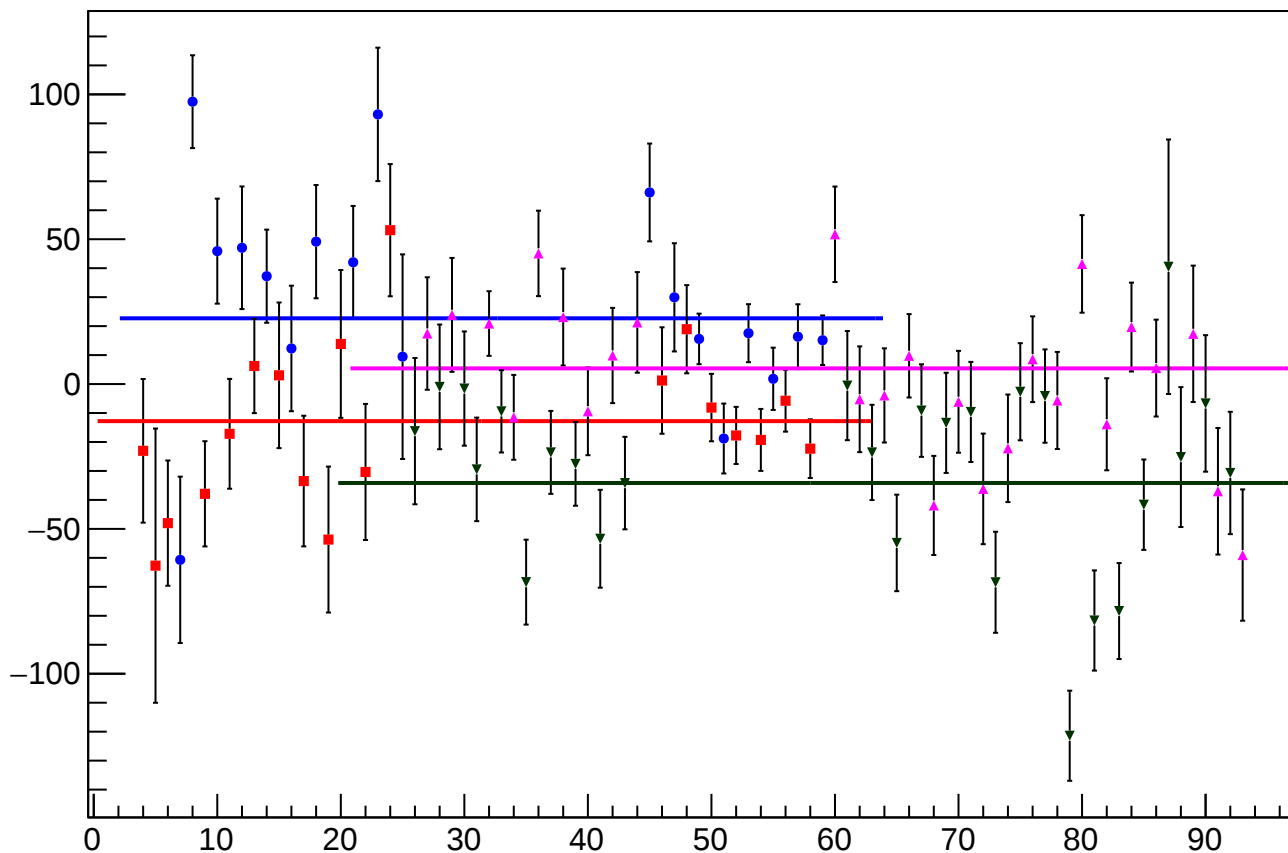
1840.971+/-0.269 χ^2/NDF : 2361854.3/44

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

1835.733+/-0.269 χ^2/NDF : 1960001.1/44

Left In: 1963.663+/-0.372 χ^2/NDF : 507790.2/25

diff_bpm0l09X_mean vs slug



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

Left Out: -34.146 ± 3.351 χ^2/NDF : 88.9/26

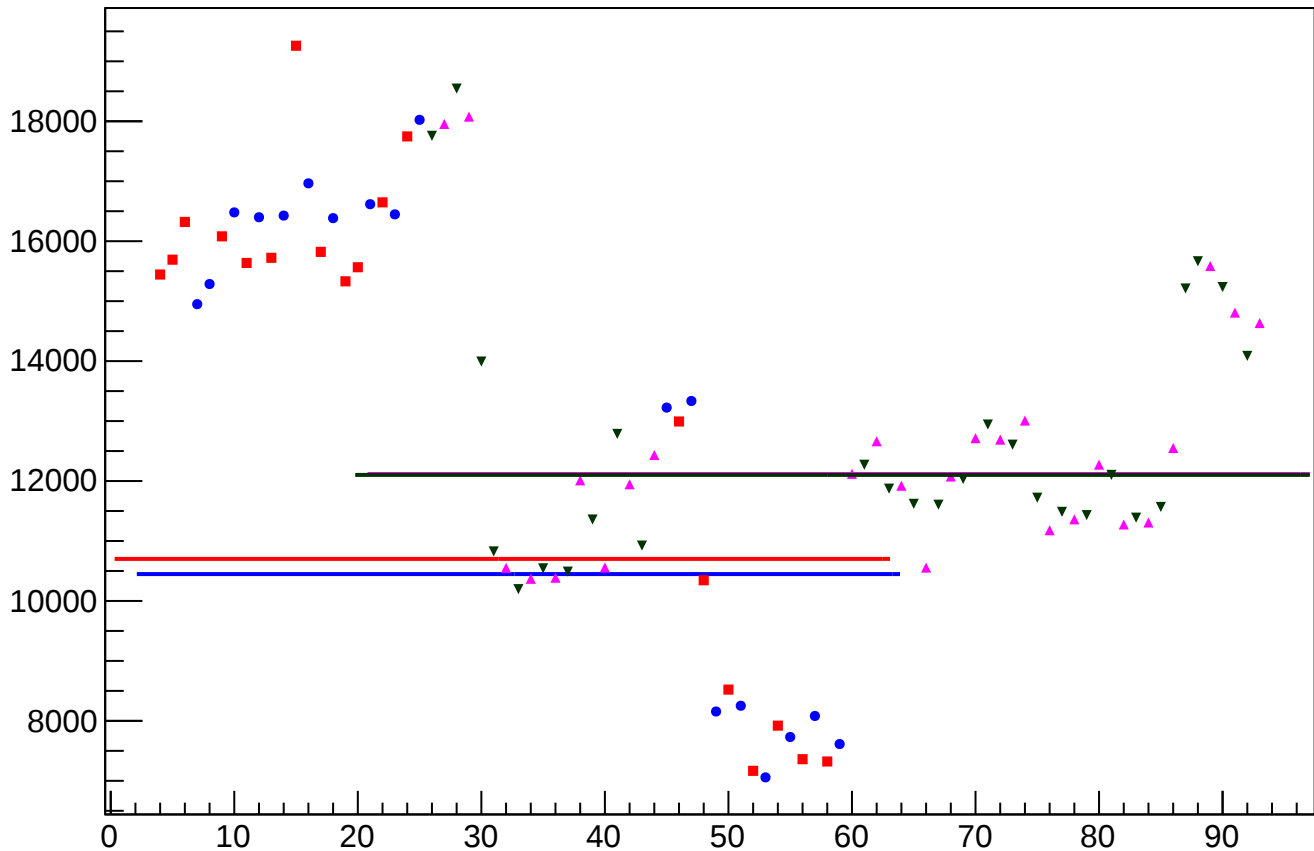
Right Out: -12.799 ± 3.618 χ^2/NDF : 28.2/18

Left In: 5.415 ± 3.255 χ^2/NDF : 58.0/25

-5.419 ± 2.357 χ^2/NDF : 305.3/44

-2.734 ± 2.420 χ^2/NDF : 100.1/44

diff_bpm0l09X_rms vs slug



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

Left Out: 12102.138+/-2.369 χ^2/NDF : 542375.4/26

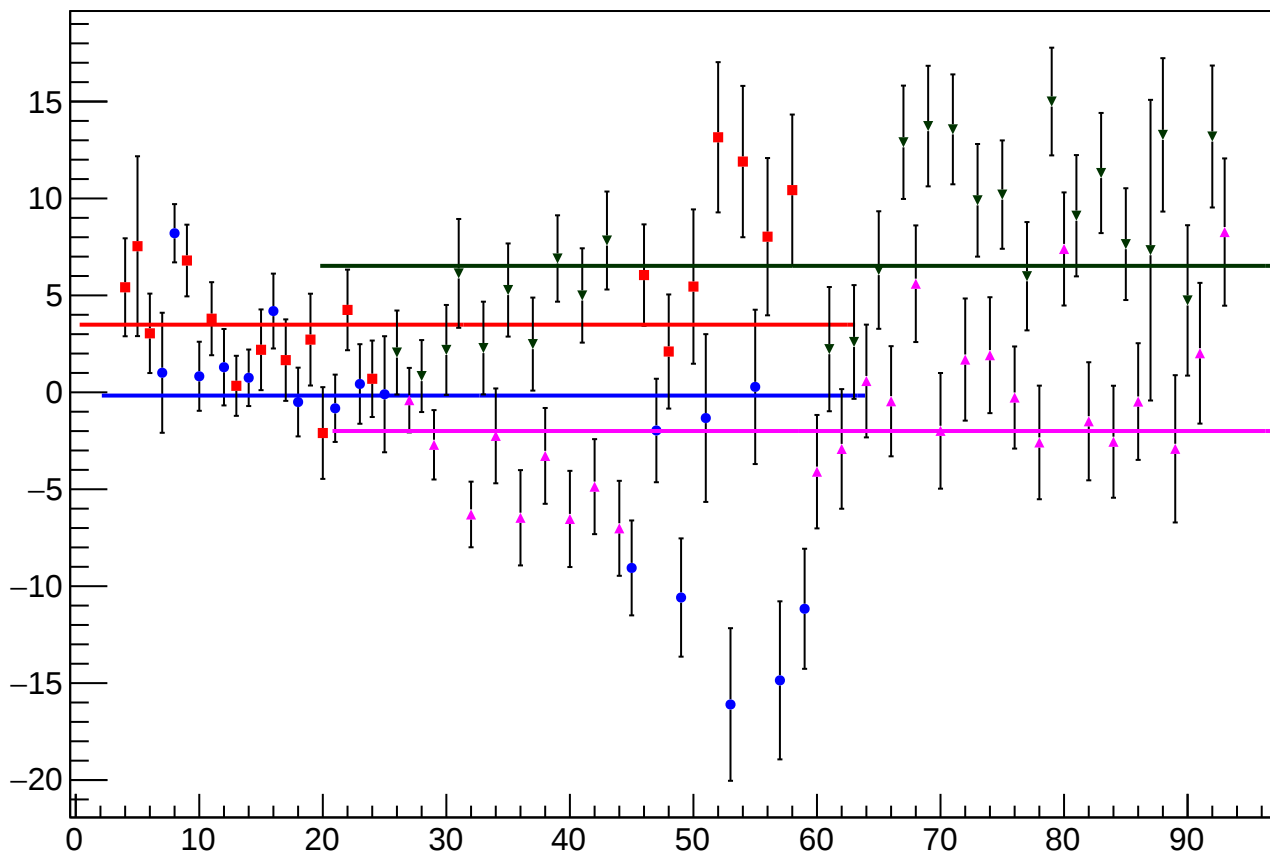
11266.263+/-1.666 χ^2/NDF : 3443311.7/44

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

11483.761+/-1.711 χ^2/NDF : 3247457.6/44

Left In: 12117.052+/-2.302 χ^2/NDF : 639780.2/25

diff_bpm0l09Y_mean vs slug



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

Left Out: 6.523 ± 0.528 $\chi^2/\text{NDF}: 66.1/26$

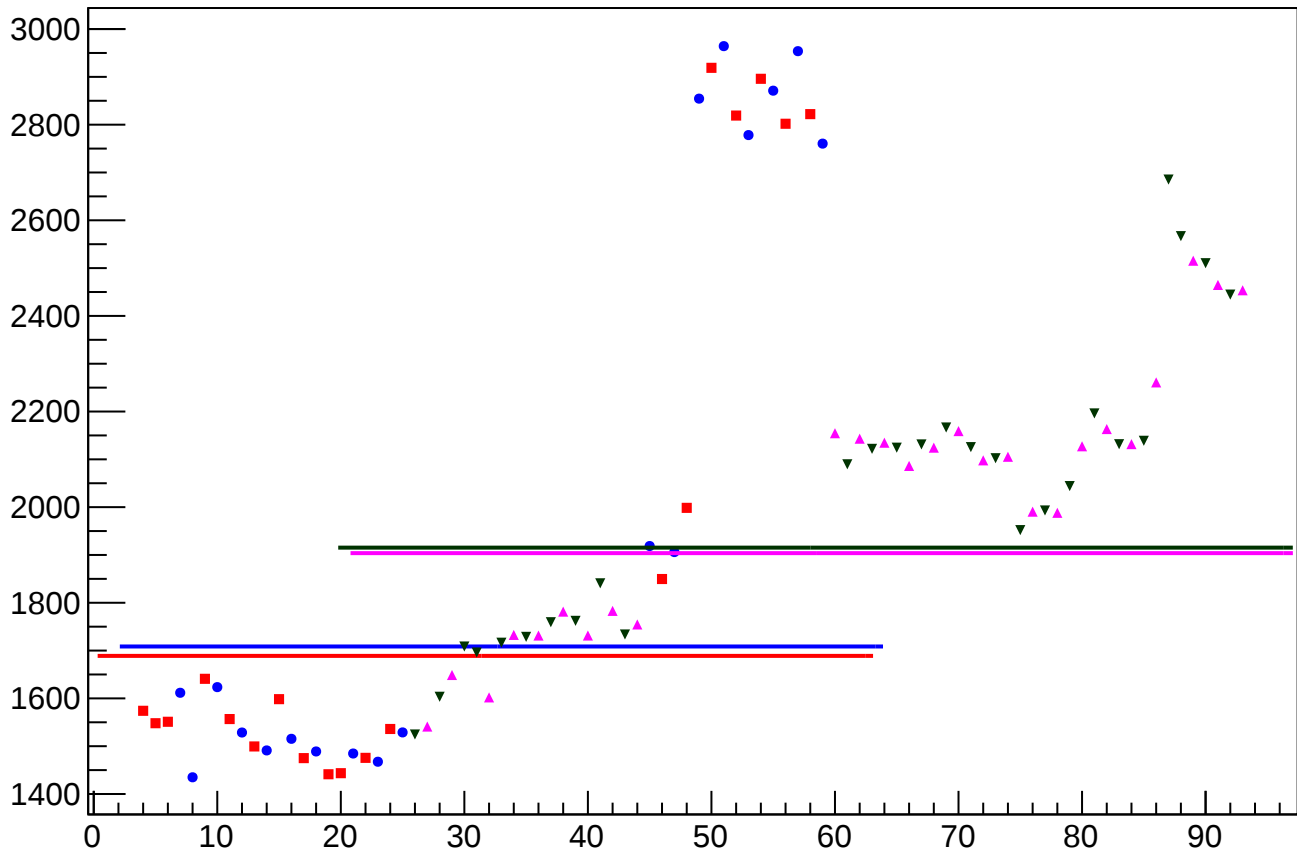
Right Out: 3.490 ± 0.549 $\chi^2/\text{NDF}: 34.4/18$

Left In: -1.996 ± 0.510 $\chi^2/\text{NDF}: 50.9/25$

3.162 ± 0.373 $\chi^2/\text{NDF}: 251.9/44$

0.546 ± 0.374 $\chi^2/\text{NDF}: 139.0/44$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1915.316+/-0.373 χ^2/NDF : 481123.1/26

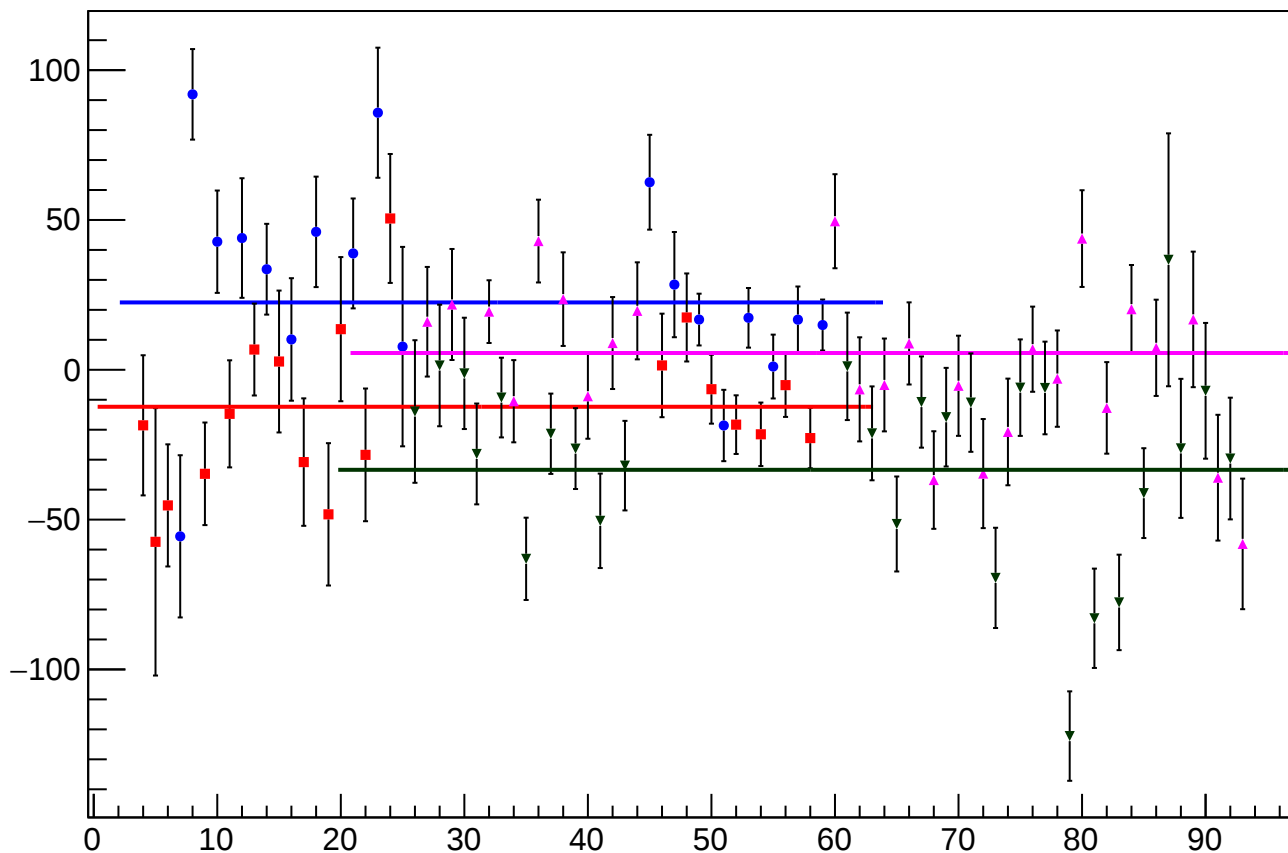
1811.457+/-0.263 χ^2/NDF : 2099655.1/44

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

1804.241+/-0.264 χ^2/NDF : 1770658.6/44

Left In: 1903.805+/-0.361 χ^2/NDF : 547509.8/25

diff_bpm0l10X_mean vs slug



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

Left Out: -33.380 ± 3.179 $\chi^2/\text{NDF}: 95.0/26$

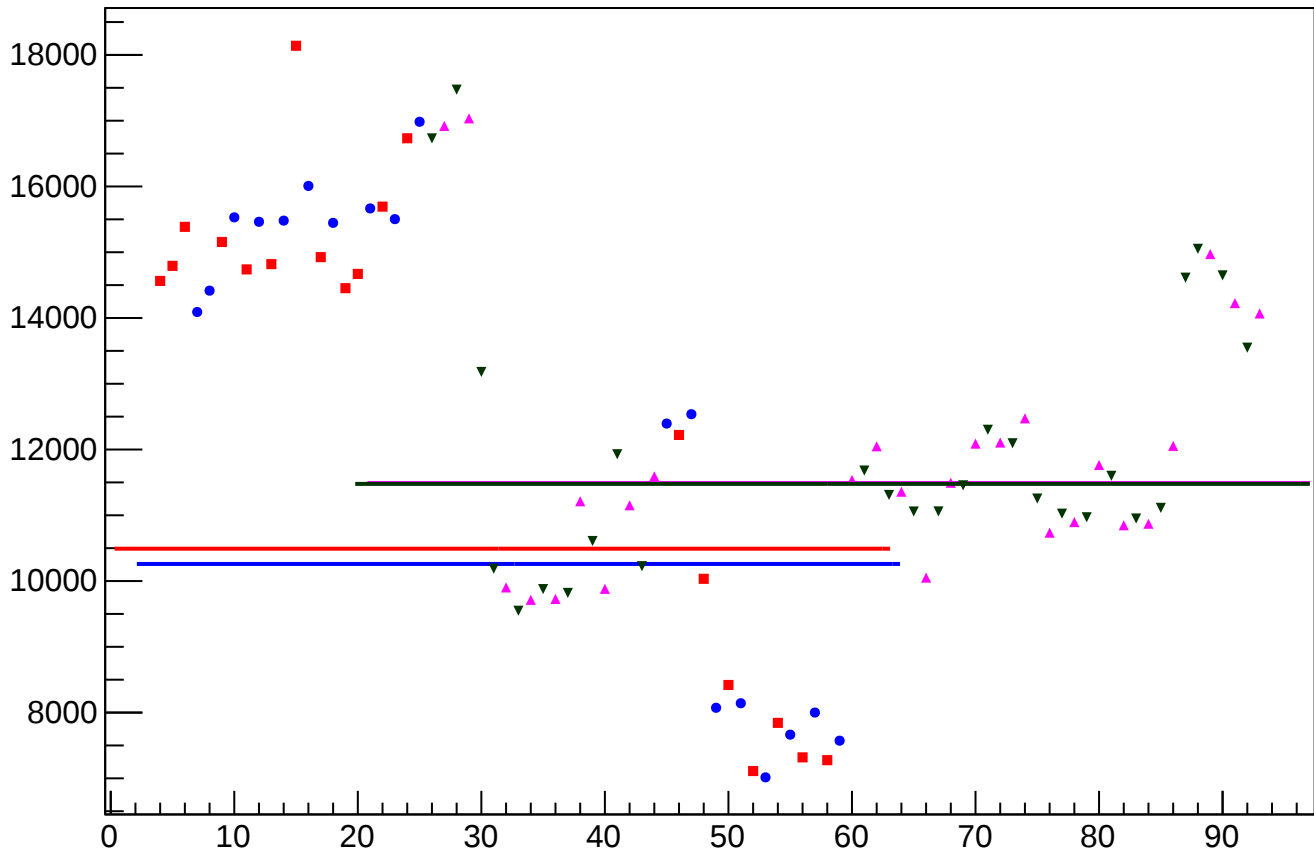
Right Out: -12.340 ± 3.516 $\chi^2/\text{NDF}: 28.3/18$

Left In: 5.604 ± 3.088 $\chi^2/\text{NDF}: 58.9/25$

-5.878 ± 2.265 $\chi^2/\text{NDF}: 315.4/44$

-2.209 ± 2.320 $\chi^2/\text{NDF}: 101.9/44$

diff_bpm0l10X_rms vs slug



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

Left Out: 11477.515 $\pm$ 2.248 χ^2 /NDF: 562064.6/26

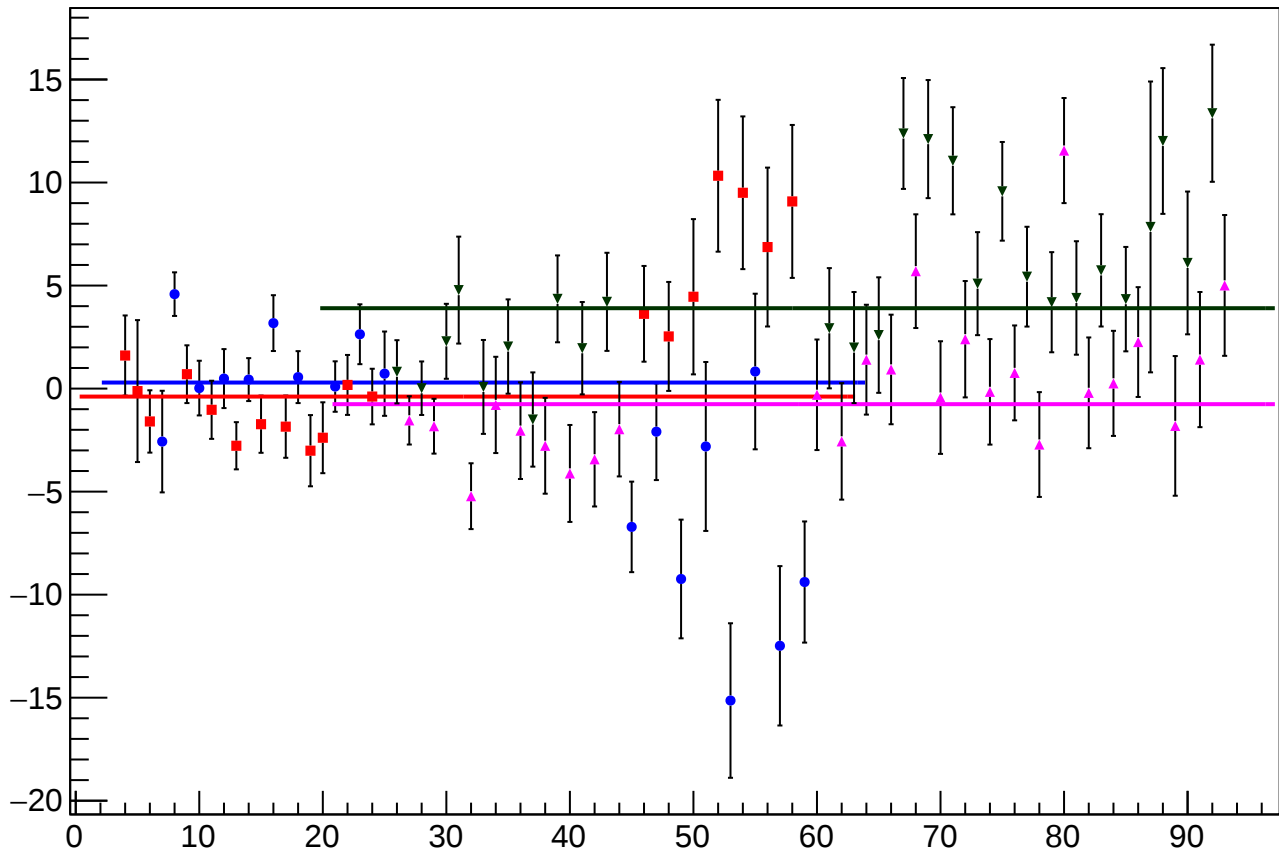
Right Out: 10492.088 $\pm$ 2.487 χ^2 /NDF: 2138865.4/18

Left In: 11491.057 $\pm$ 2.184 χ^2 /NDF: 657998.8/25

10878.153 $\pm$ 1.602 χ^2 /NDF: 3026477.8/44

11056.079 $\pm$ 1.641 χ^2 /NDF: 2887991.1/44

diff_bpm0l10Y_mean vs slug



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

Left Out: 3.901 ± 0.456 χ^2/NDF : 71.1/26

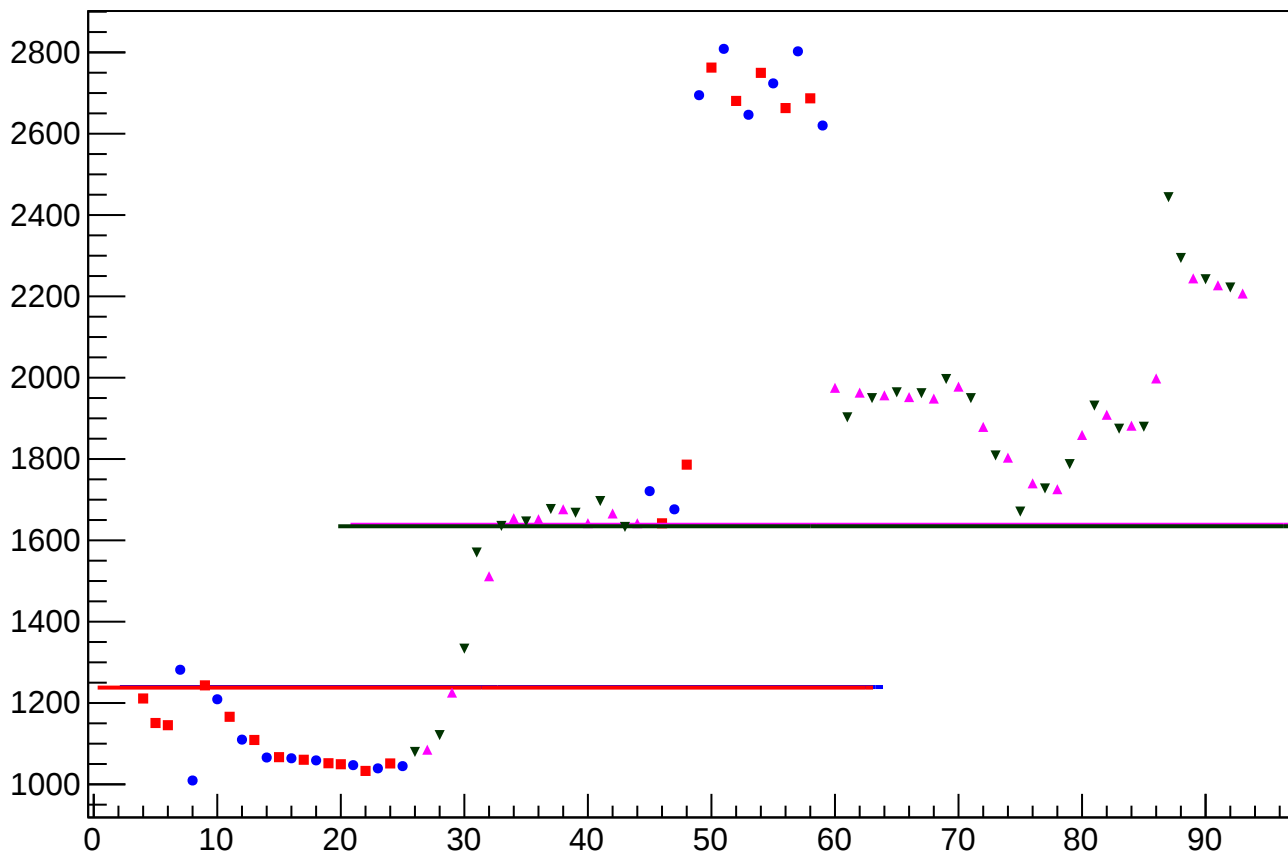
1.829 ± 0.298 χ^2/NDF : 193.6/44

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

-0.558 ± 0.302 χ^2/NDF : 95.5/44

Left In: -0.756 ± 0.444 χ^2/NDF : 51.1/25

diff_bpm0l10Y_rms vs slug



Right In: 1239.296 $\pm$ 0.278 χ^2 /NDF: 2675601.4/17

Left Out: 1634.628 $\pm$ 0.323 χ^2 /NDF:1093961.2/26

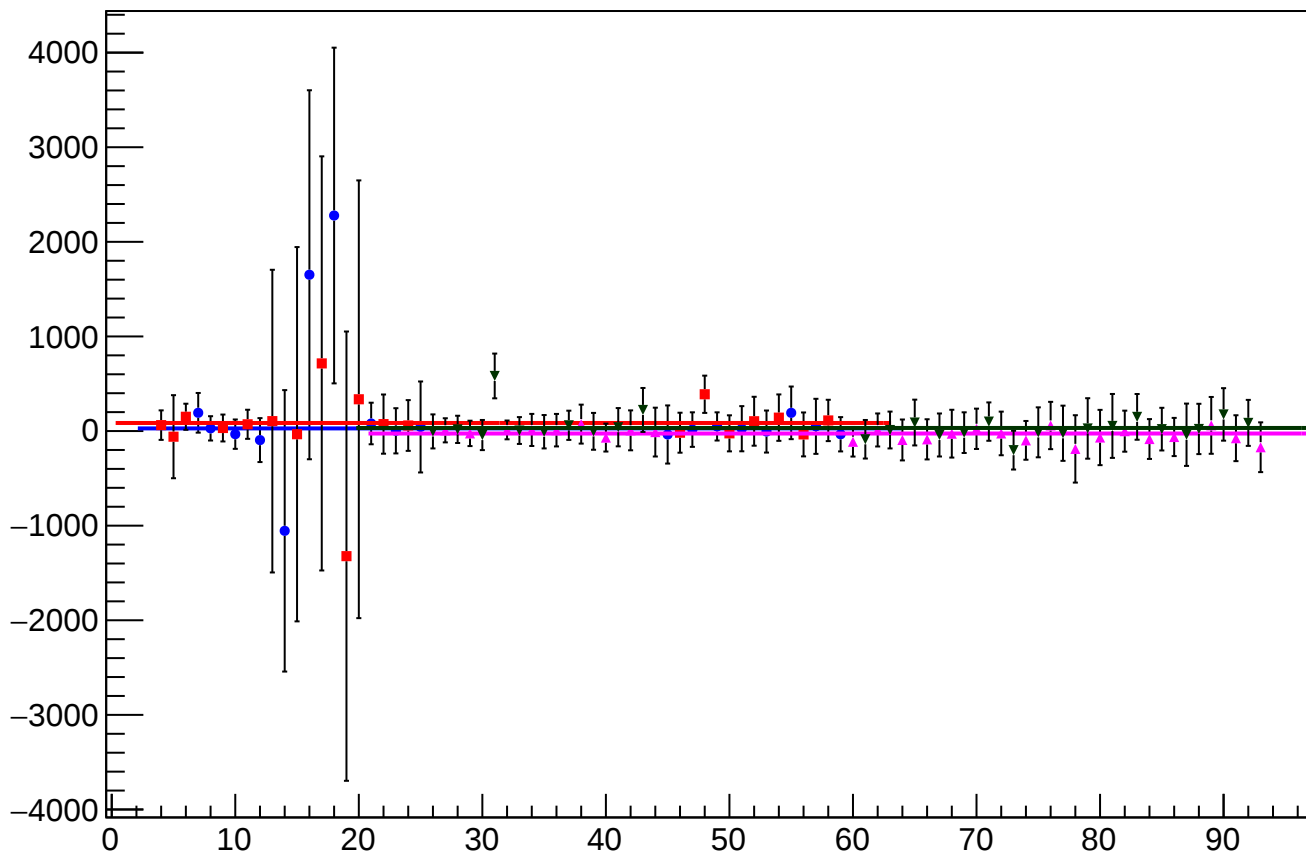
Right Out: 1237.907 $\pm$ 0.291 χ^2 /NDF: 1914347.8/18

Left In: 1638.381 $\pm$ 0.314 χ^2 /NDF:1125440.4/25

1407.588 $\pm$ 0.210 χ^2 /NDF: 4632012.3/44

1423.310 $\pm$ 0.213 χ^2 /NDF: 3915316.3/44

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: 32.640+/-40.134 χ^2/NDF : 9.2/26

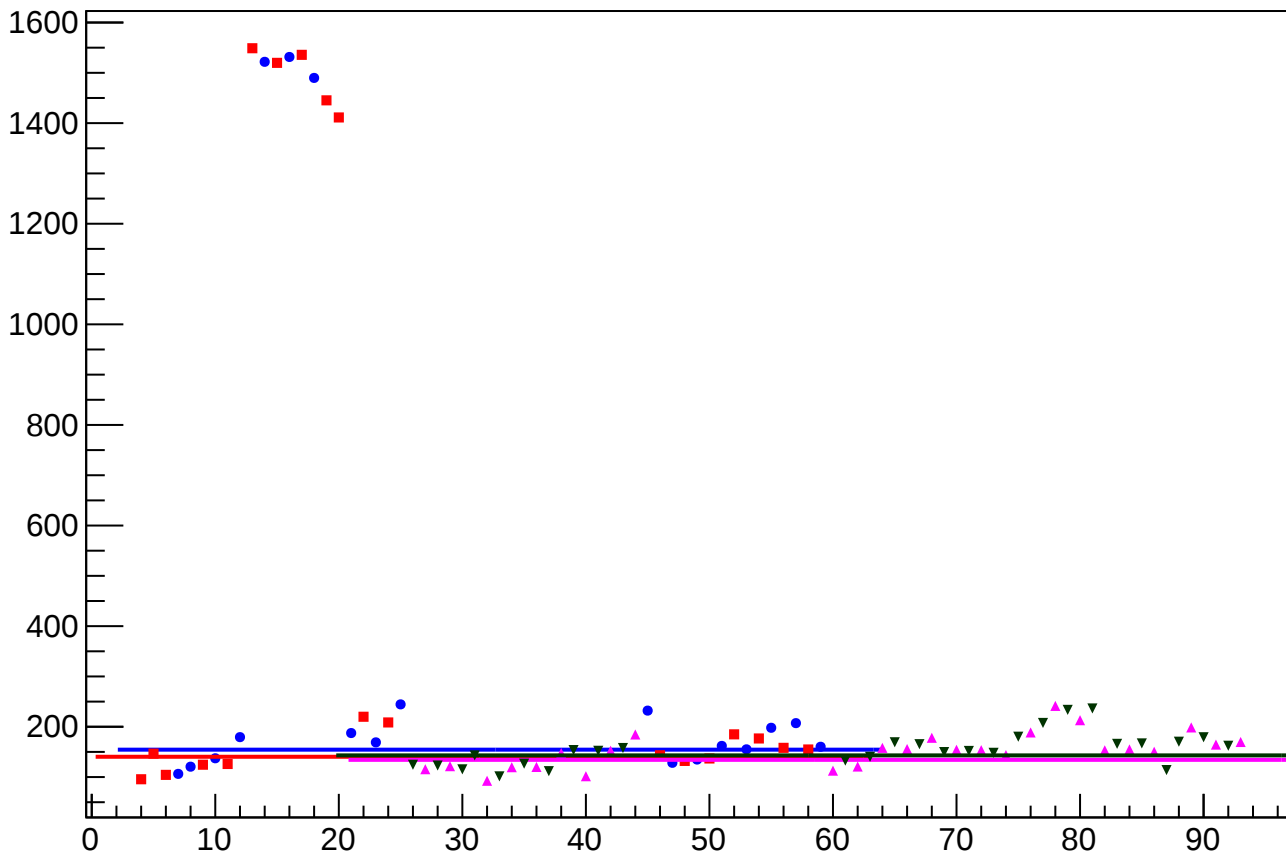
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -26.093+/-36.802 χ^2/NDF : 2.3/25

30.874+/-31.839 χ^2/NDF : 13.7/44

10.612+/-30.136 χ^2/NDF : 9.5/44

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: 143.097 $\pm$ 0.028 χ^2 /NDF:1040265.8/26

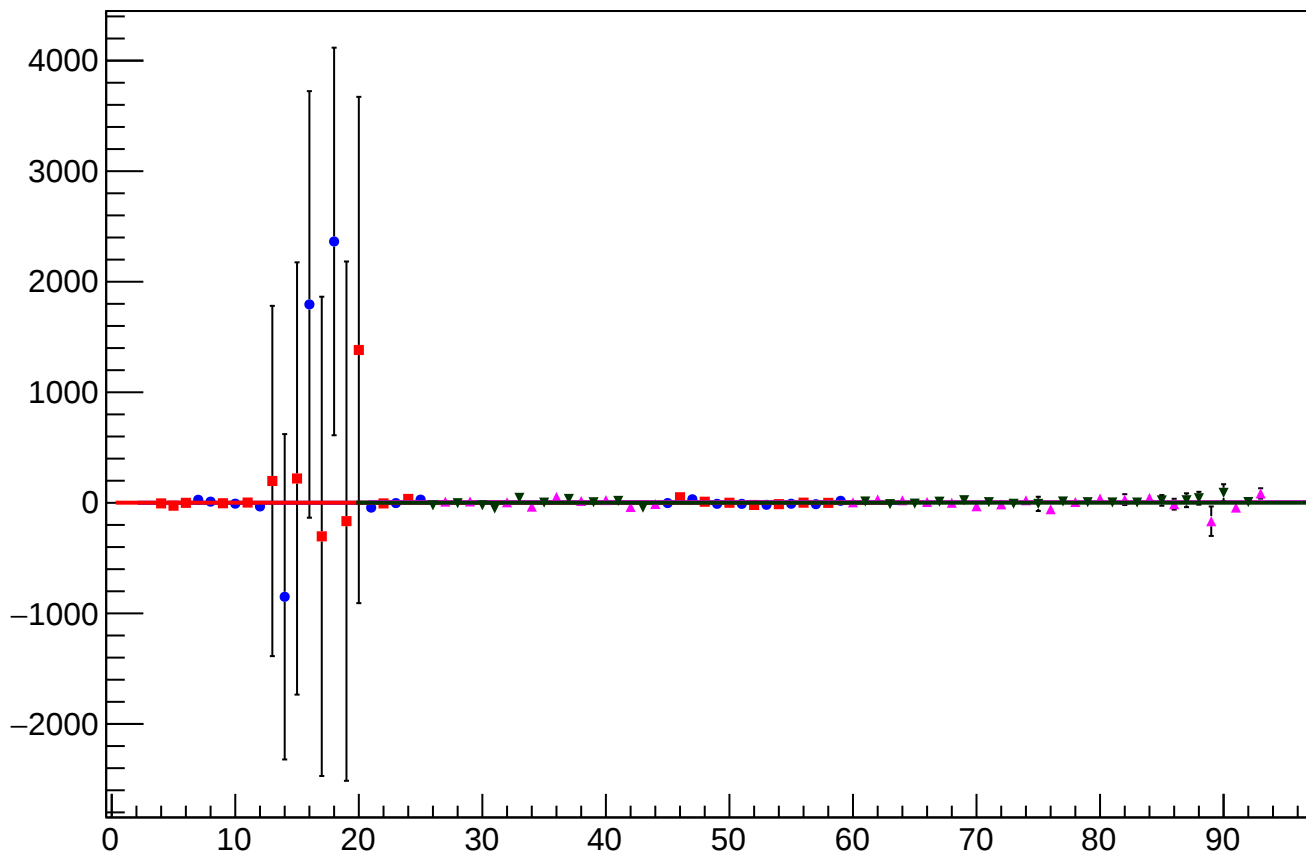
Right Out: 140.345 $\pm$ 0.037 χ^2 /NDF: 5274055.6/18

Left In: 134.195 $\pm$ 0.026 χ^2 /NDF:1456721.2/25

147.306 $\pm$ 0.023 χ^2 /NDF: 5656338.2/44

136.221 $\pm$ 0.021 χ^2 /NDF: 6749175.7/44

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: 1.500+/-5.001 χ^2/NDF : 18.8/26

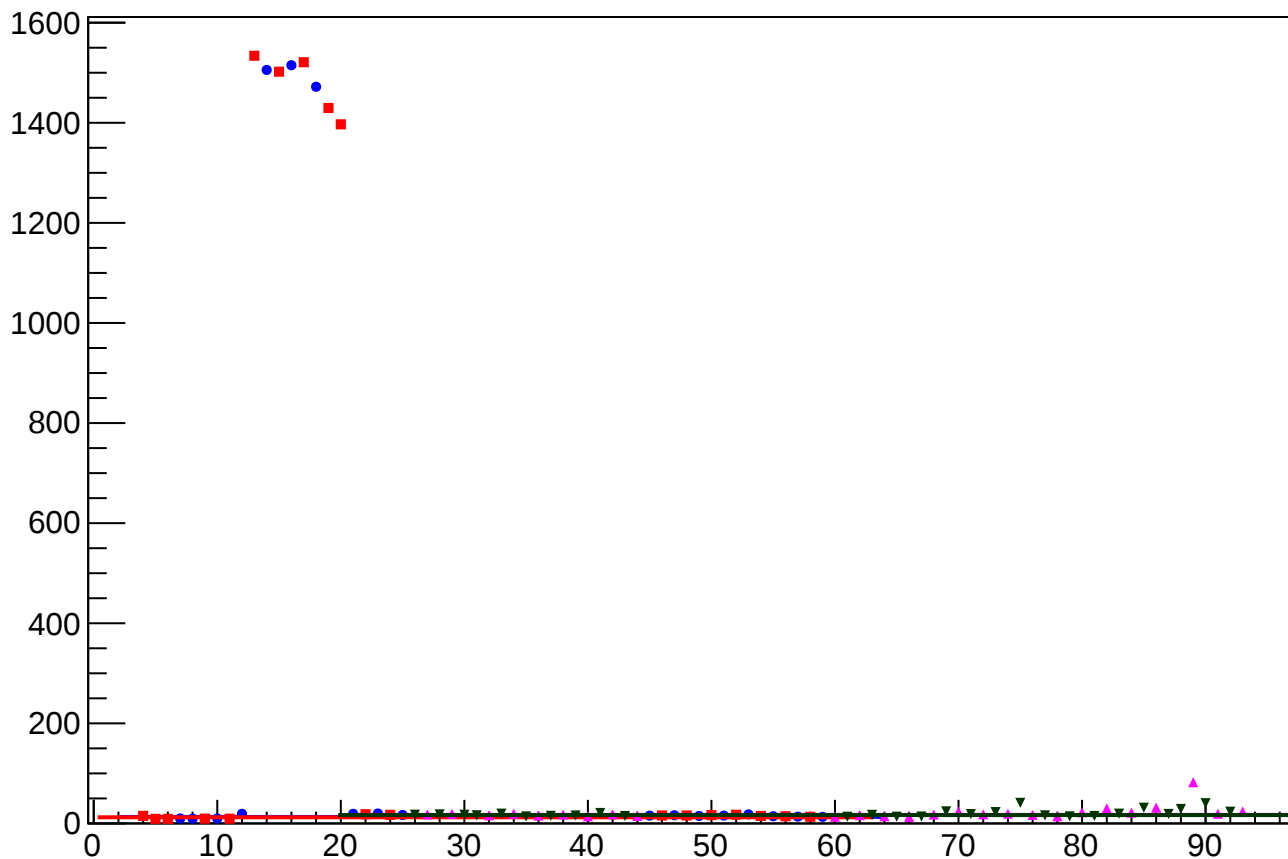
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 6.476+/-4.959 χ^2/NDF : 30.2/25

1.004+/-3.391 χ^2/NDF : 35.5/44

3.840+/-3.445 χ^2/NDF : 40.2/44

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 16.779 $\pm$ 0.004 χ^2 /NDF:1310528.8/26

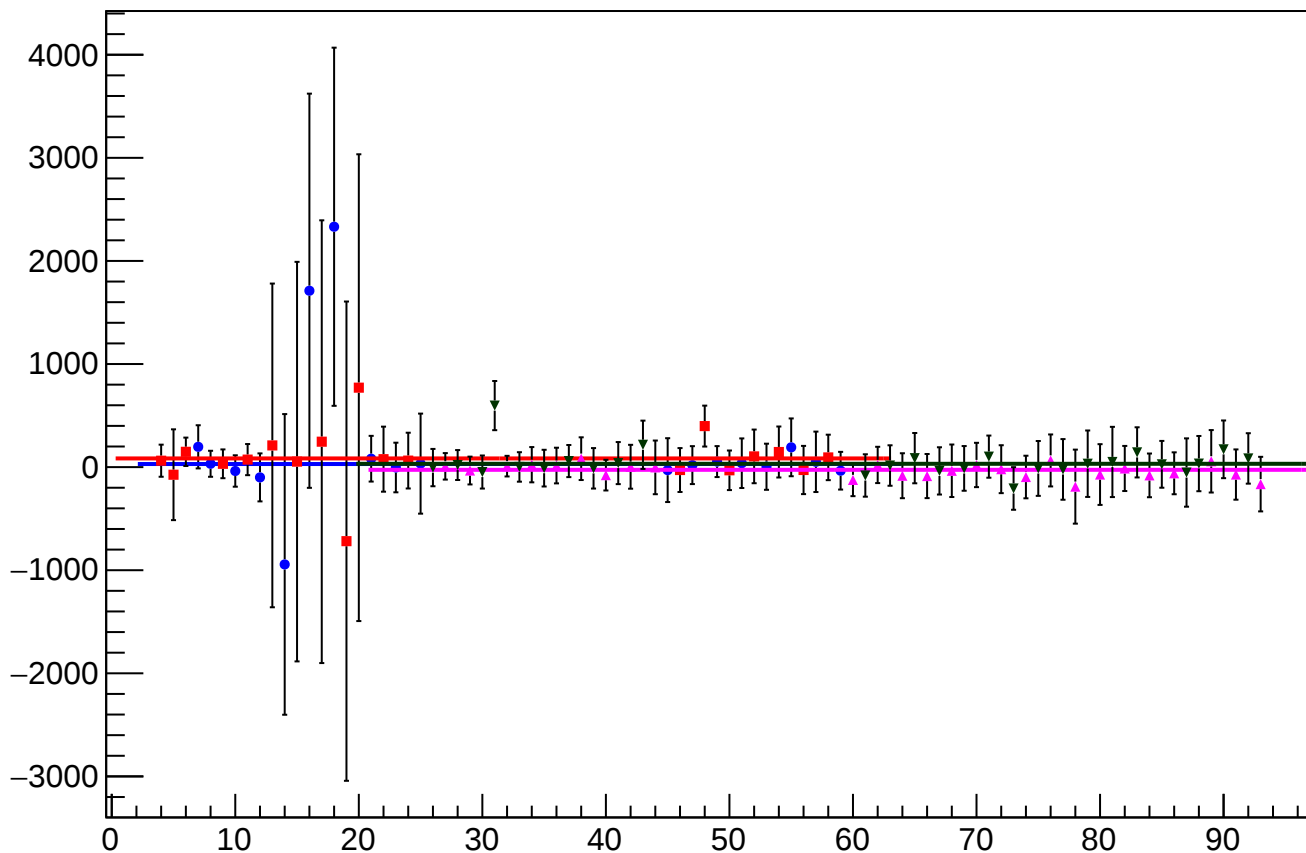
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 17.105 $\pm$ 0.004 χ^2 /NDF:1381719.6/25

14.745 $\pm$ 0.002 χ^2 /NDF: 7618622.8/44

14.625 $\pm$ 0.002 χ^2 /NDF: 8721664.7/44

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: 32.228+/-40.447 χ^2/NDF : 9.3/26

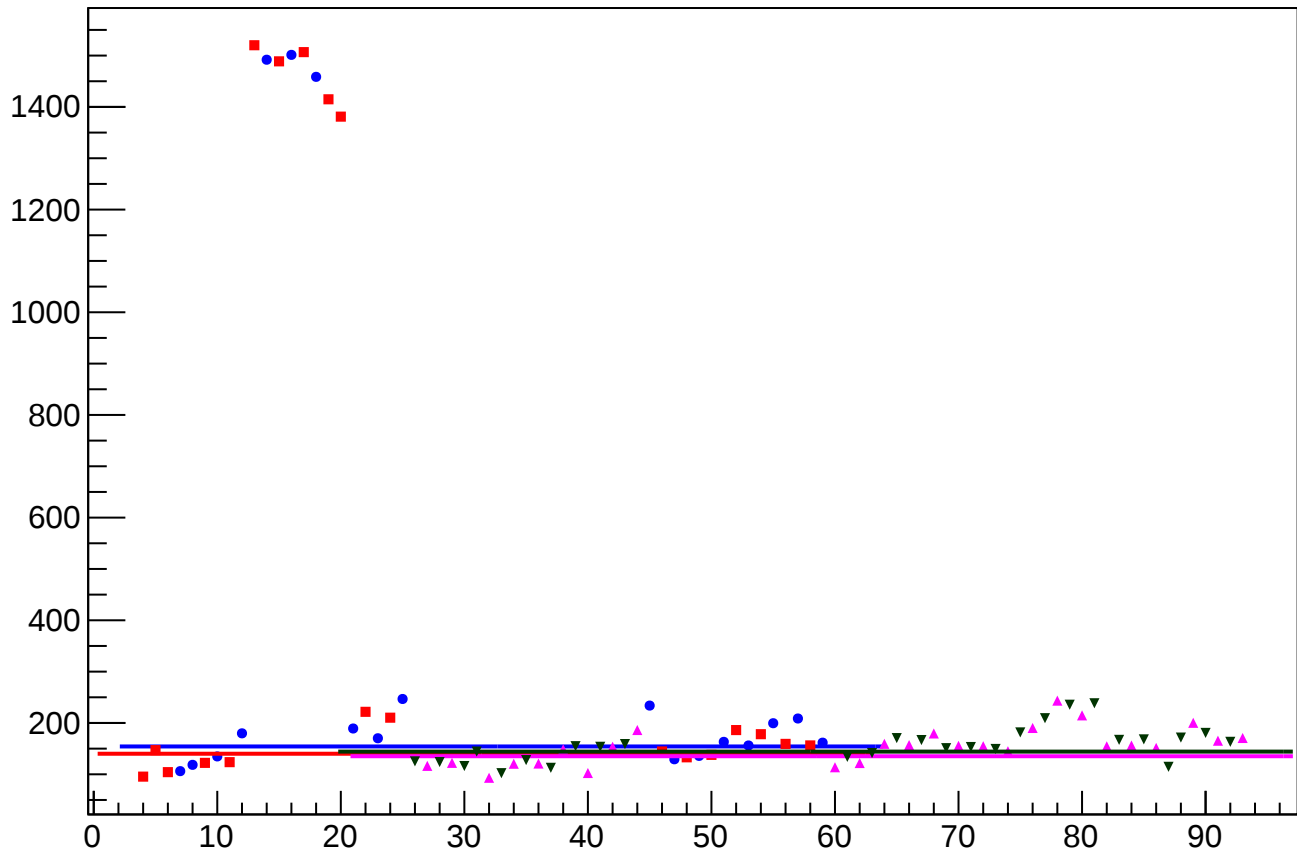
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -26.217+/-37.080 χ^2/NDF : 2.4/25

31.398+/-31.988 χ^2/NDF : 14.0/44

10.641+/-30.273 χ^2/NDF : 9.5/44

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: 144.210+/-0.029 χ^2/NDF :1040914.6/26

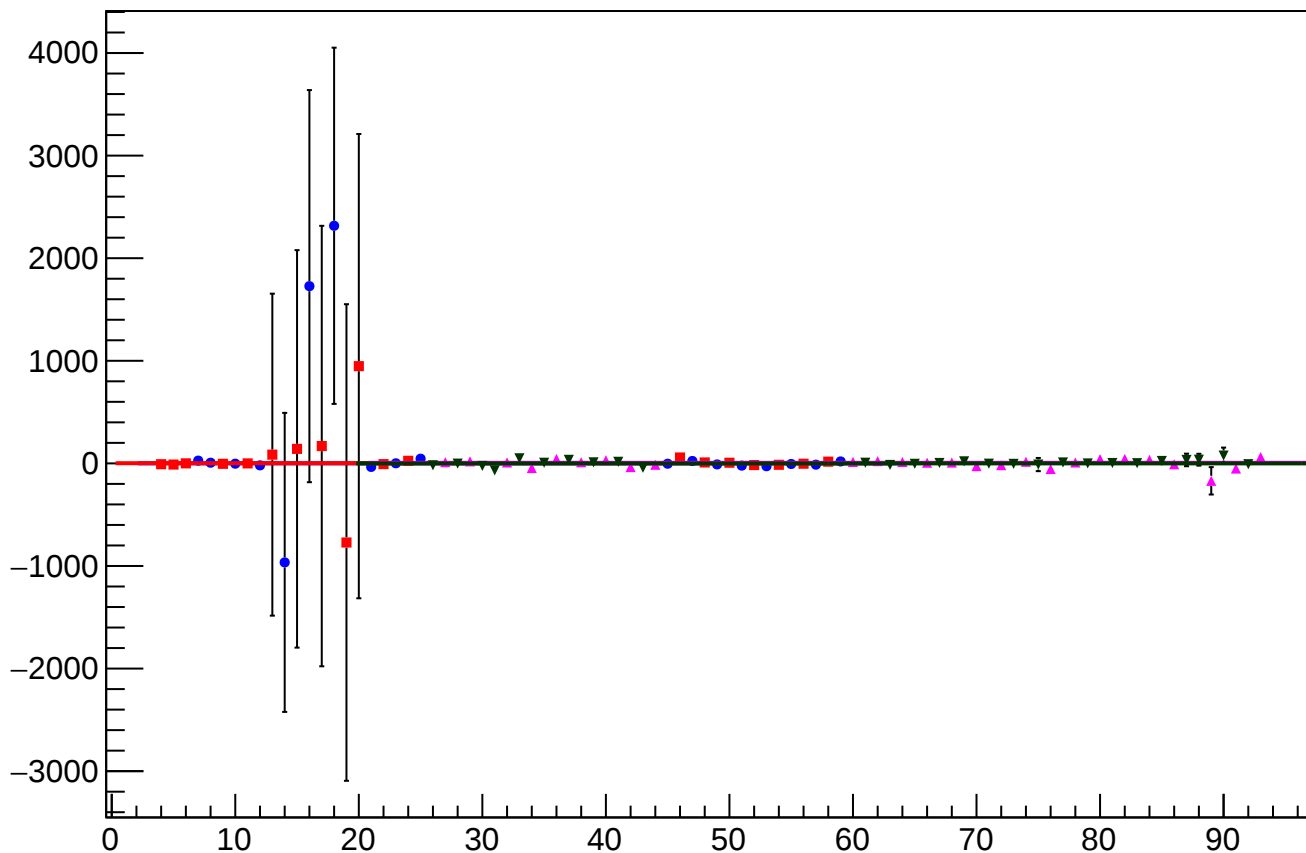
Right Out: 140.050+/-0.037 χ^2/NDF : 5289912.8/18

Left In: 135.200+/-0.026 χ^2/NDF :1459356.8/25

147.965+/-0.023 χ^2/NDF : 5671785.0/44

136.817+/-0.021 χ^2/NDF : 6760681.7/44

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: -0.115 $\pm$ 4.899 χ^2 /NDF:21.4/26

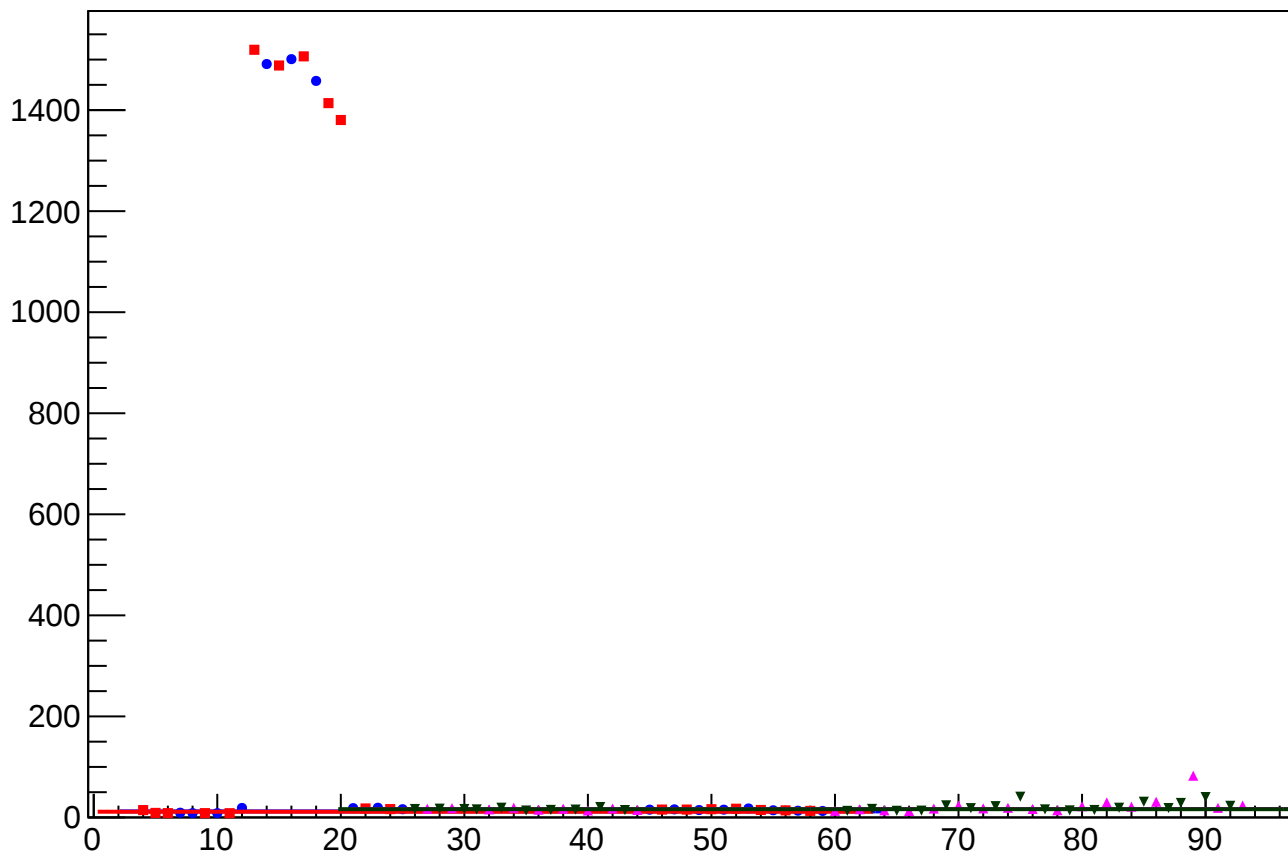
Right Out: 1.782 $\pm$ 4.470 χ^2 /NDF: 10.1/18

Left In: 5.985 $\pm$ 4.858 χ^2 /NDF:28.7/25

0.316 $\pm$ 3.238 χ^2 /NDF: 37.4/44

3.709 $\pm$ 3.289 χ^2 /NDF: 39.2/44

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: 16.401+/-0.003 χ^2/NDF :1329094.9/26

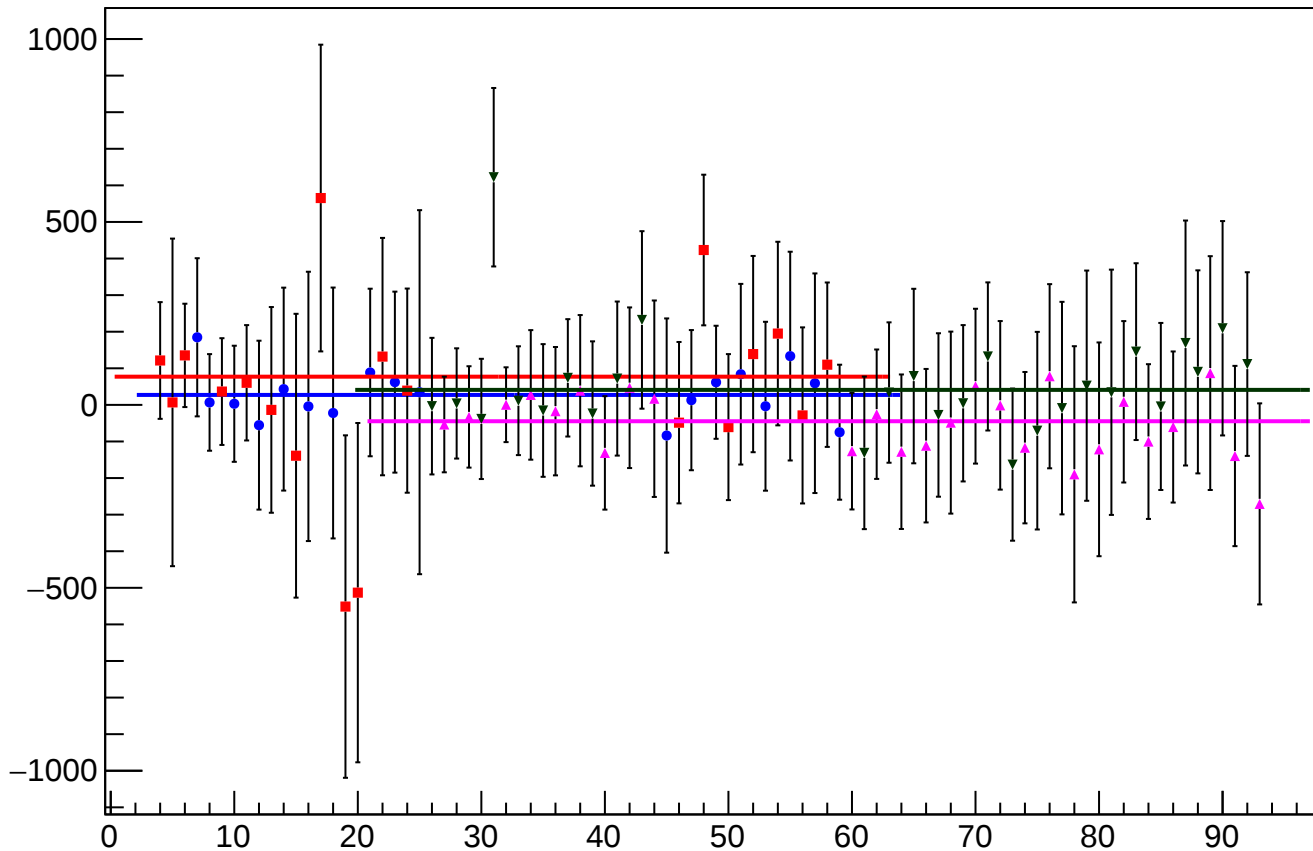
Right Out: 11.361+/-0.003 χ^2/NDF : 6645877.2/18

Left In: 16.717+/-0.003 χ^2/NDF :1399036.5/25

13.930+/-0.002 χ^2/NDF : 8293817.9/44

13.817+/-0.002 χ^2/NDF : 9361743.5/44

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: 41.014+/-41.034 χ^2/NDF : 10.0/26

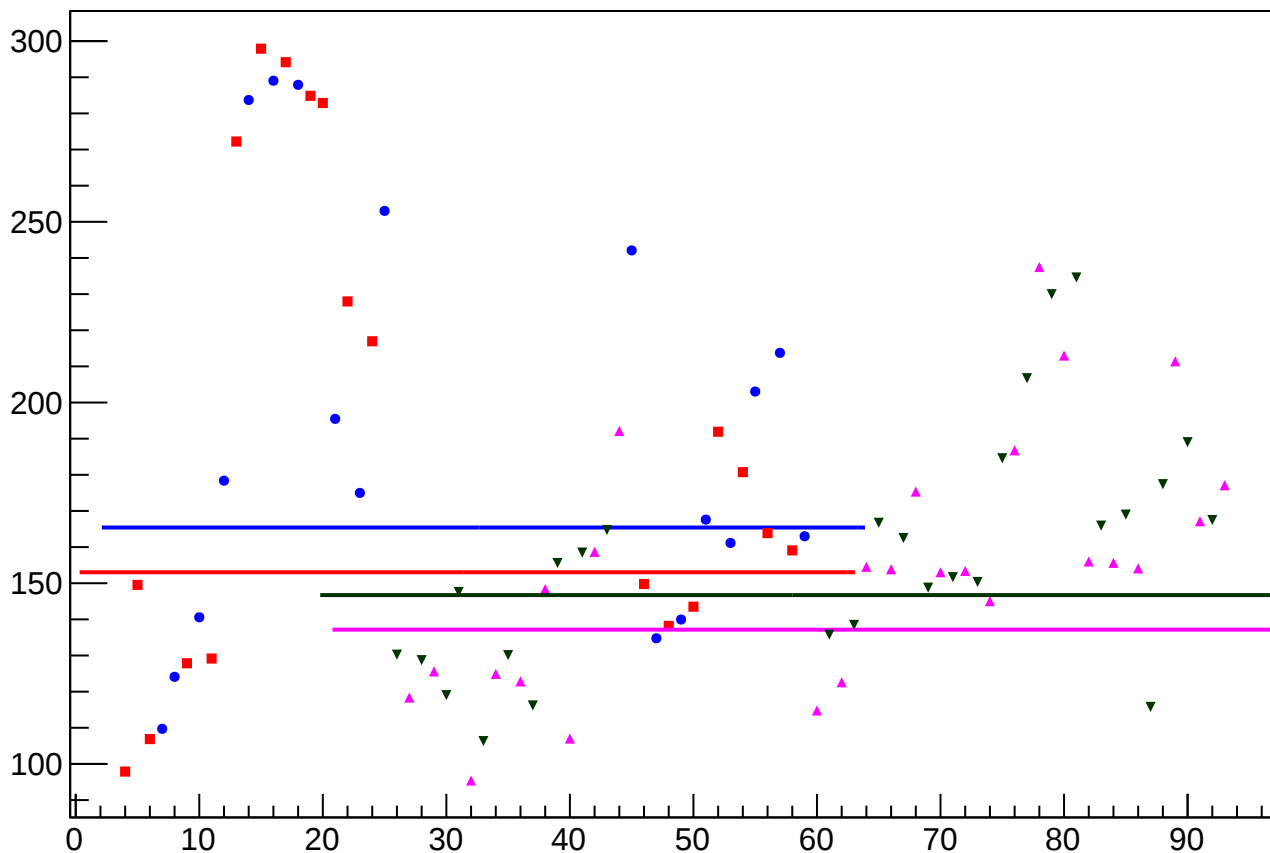
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -44.695+/-37.554 χ^2/NDF : 3.6/25

35.699+/-32.169 χ^2/NDF : 11.5/44

-2.609+/-30.382 χ^2/NDF : 17.0/44

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 165.419 ± 0.037 $\chi^2/\text{NDF}: 1636400.3/17$

Left Out: 146.722 ± 0.029 $\chi^2/\text{NDF}: 925198.0/26$

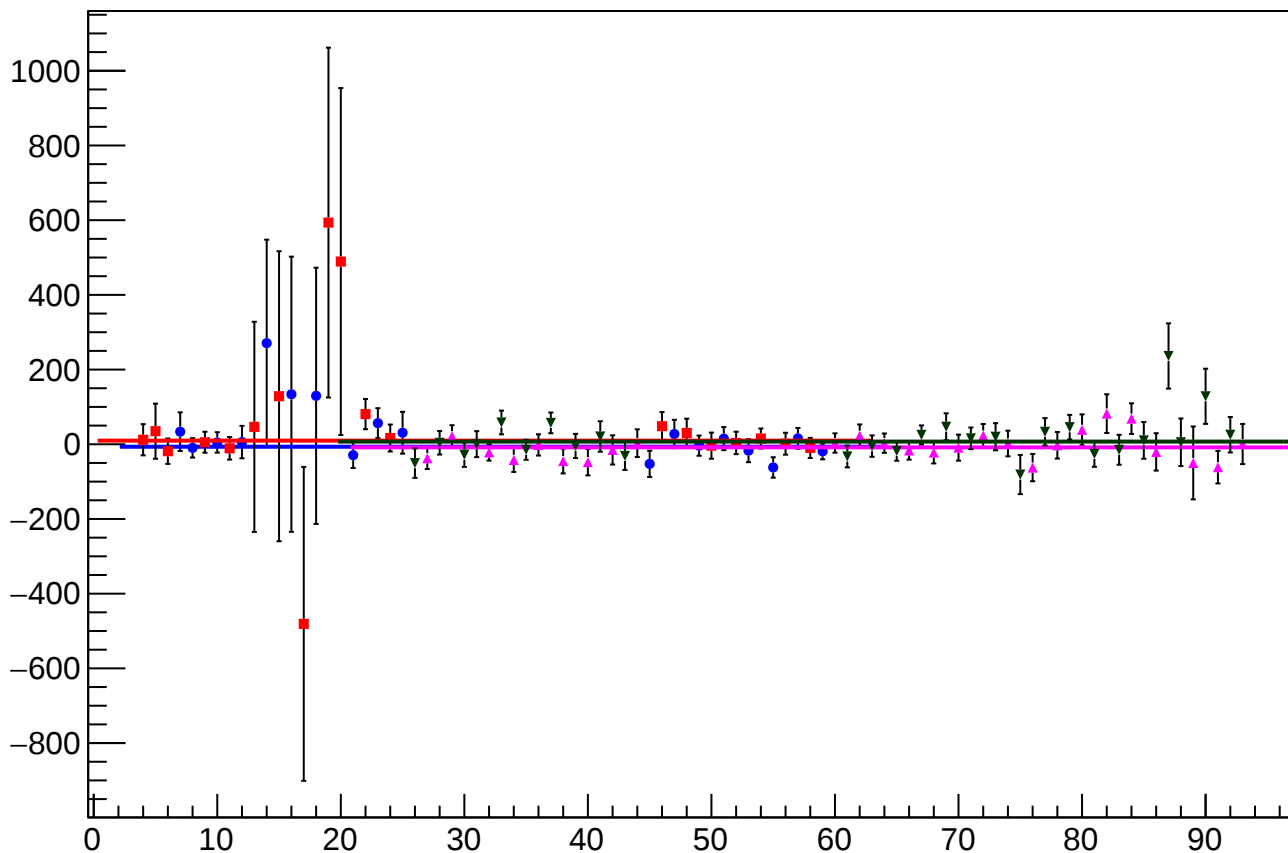
Right Out: 153.039 ± 0.037 $\chi^2/\text{NDF}: 2037868.3/18$

Left In: 137.147 ± 0.027 $\chi^2/\text{NDF}: 1346813.2/25$

153.928 ± 0.023 $\chi^2/\text{NDF}: 2721639.3/44$

142.638 ± 0.021 $\chi^2/\text{NDF}: 3508429.6/44$

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: 7.212+/-6.683 χ^2/NDF : 31.7/26

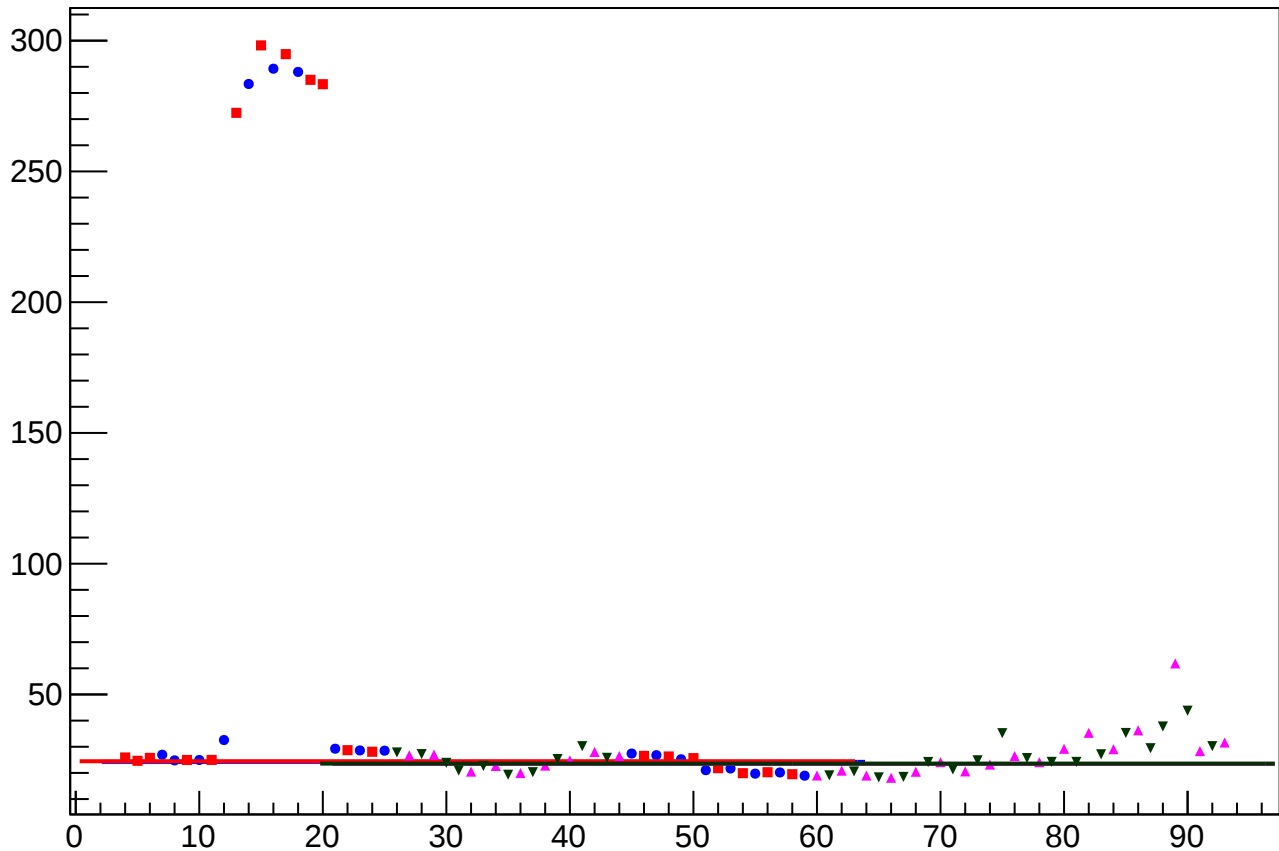
Right Out: 9.755+/-8.898 χ^2/NDF : 10.7/18

Left In: -8.219+/-6.483 χ^2/NDF : 20.9/25

1.602+/-5.146 χ^2/NDF : 47.2/44

-1.986+/-5.240 χ^2/NDF : 34.2/44

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 23.553 $\pm$ 0.005 χ^2 /NDF:986961.4/26

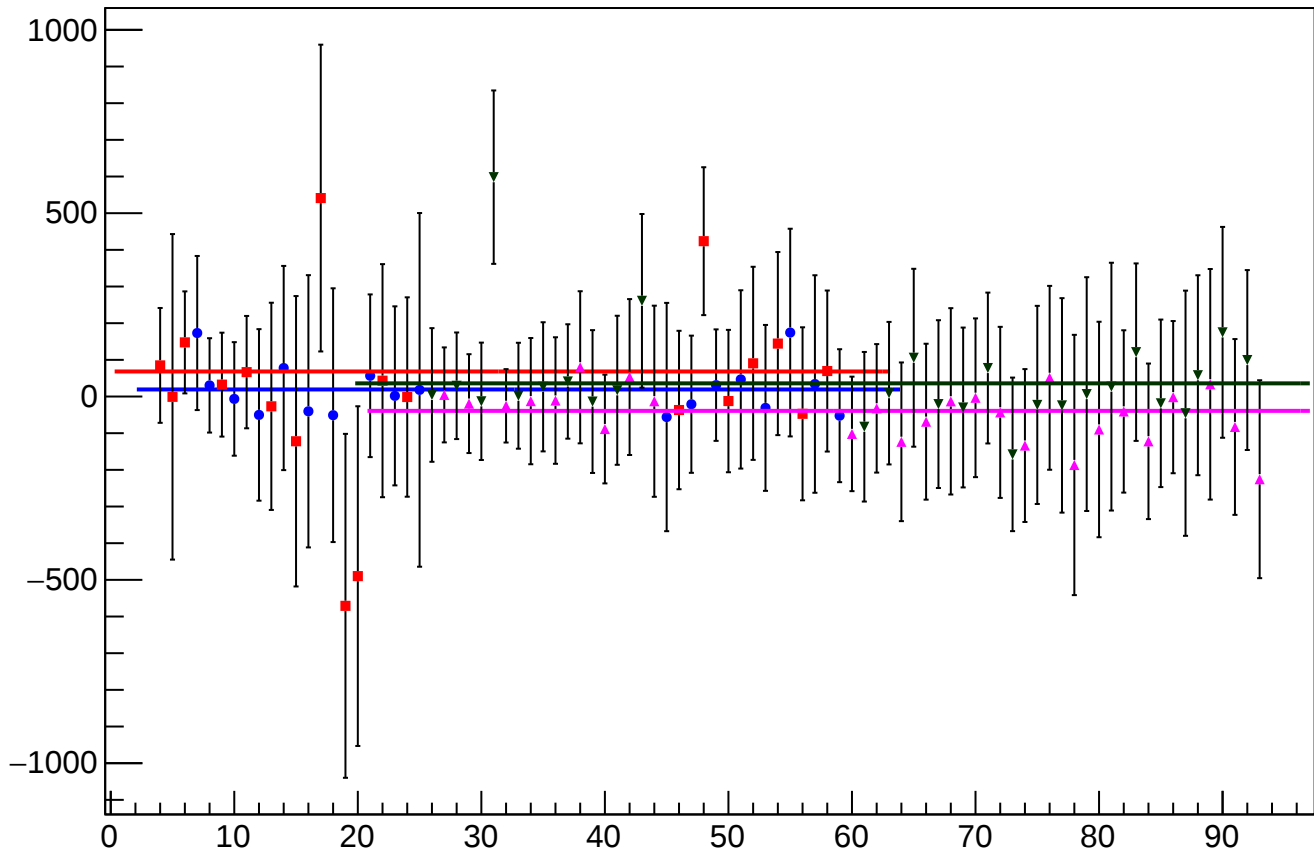
Right Out: 24.466 $\pm$ 0.006 χ^2 /NDF: 4859985.2/18

Left In: 23.459 $\pm$ 0.005 χ^2 /NDF:1140345.8/25

23.827 $\pm$ 0.004 χ^2 /NDF: 5408262.1/44

23.808 $\pm$ 0.004 χ^2 /NDF: 6017068.6/44

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: 35.910+/-40.507 χ^2/NDF : 9.0/26

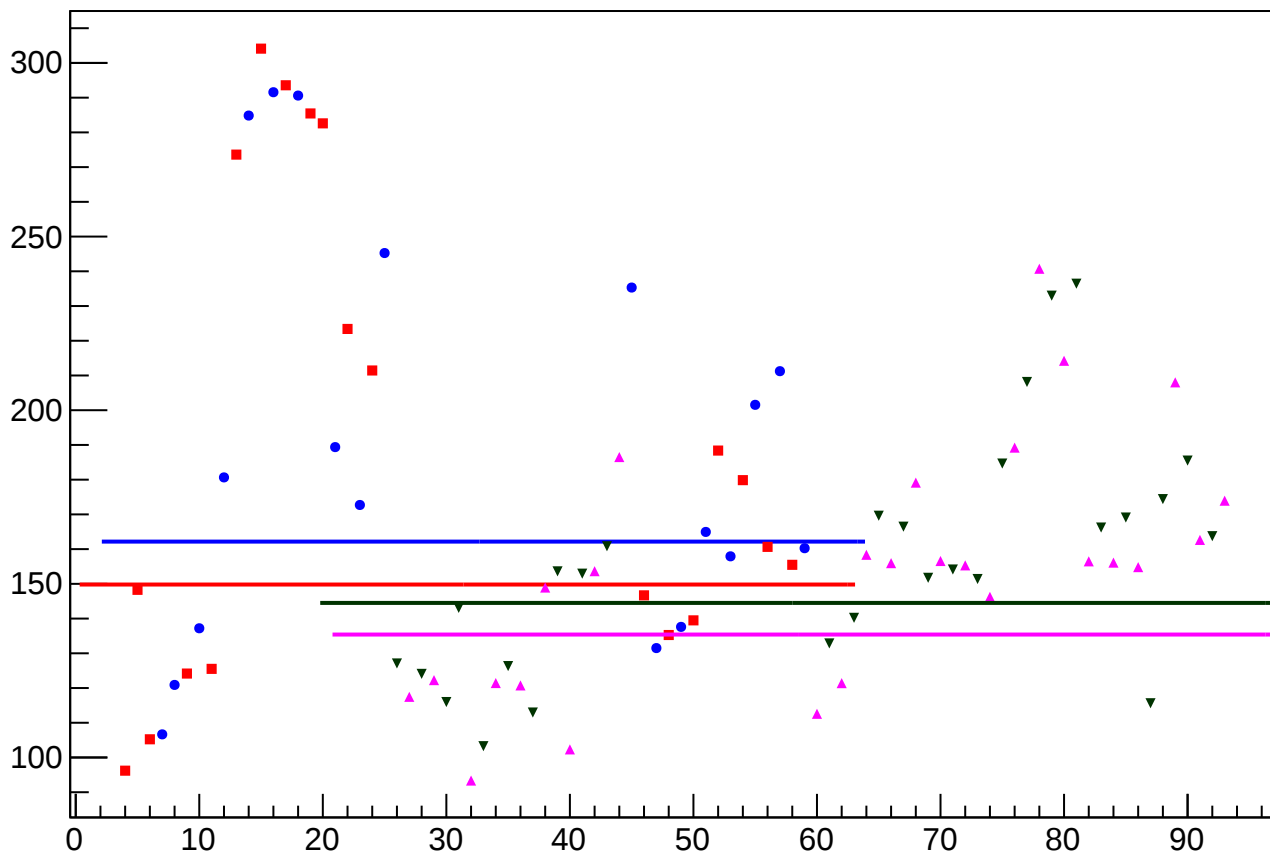
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -39.093+/-37.135 χ^2/NDF : 2.5/25

29.458+/-31.698 χ^2/NDF : 10.5/44

-1.603+/-29.961 χ^2/NDF : 14.7/44

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: 144.510+/-0.029 χ^2/NDF :1033200.4/26

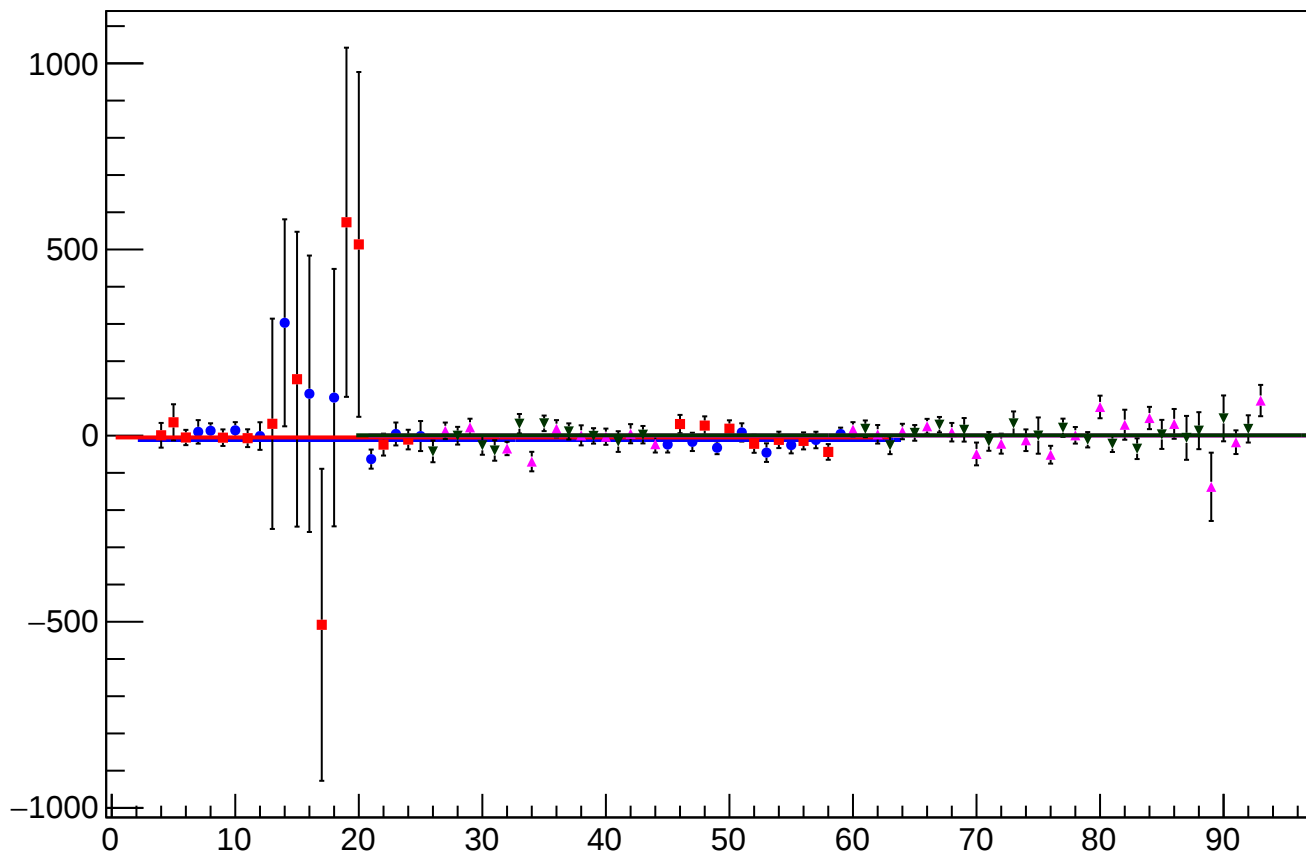
151.354+/-0.022 χ^2/NDF : 2901100.8/44

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

140.429+/-0.021 χ^2/NDF : 3692453.3/44

Left In: 135.401+/-0.026 χ^2/NDF :1472844.3/25

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: 0.885 $\pm$ 5.058 χ^2 /NDF: 20.0/26

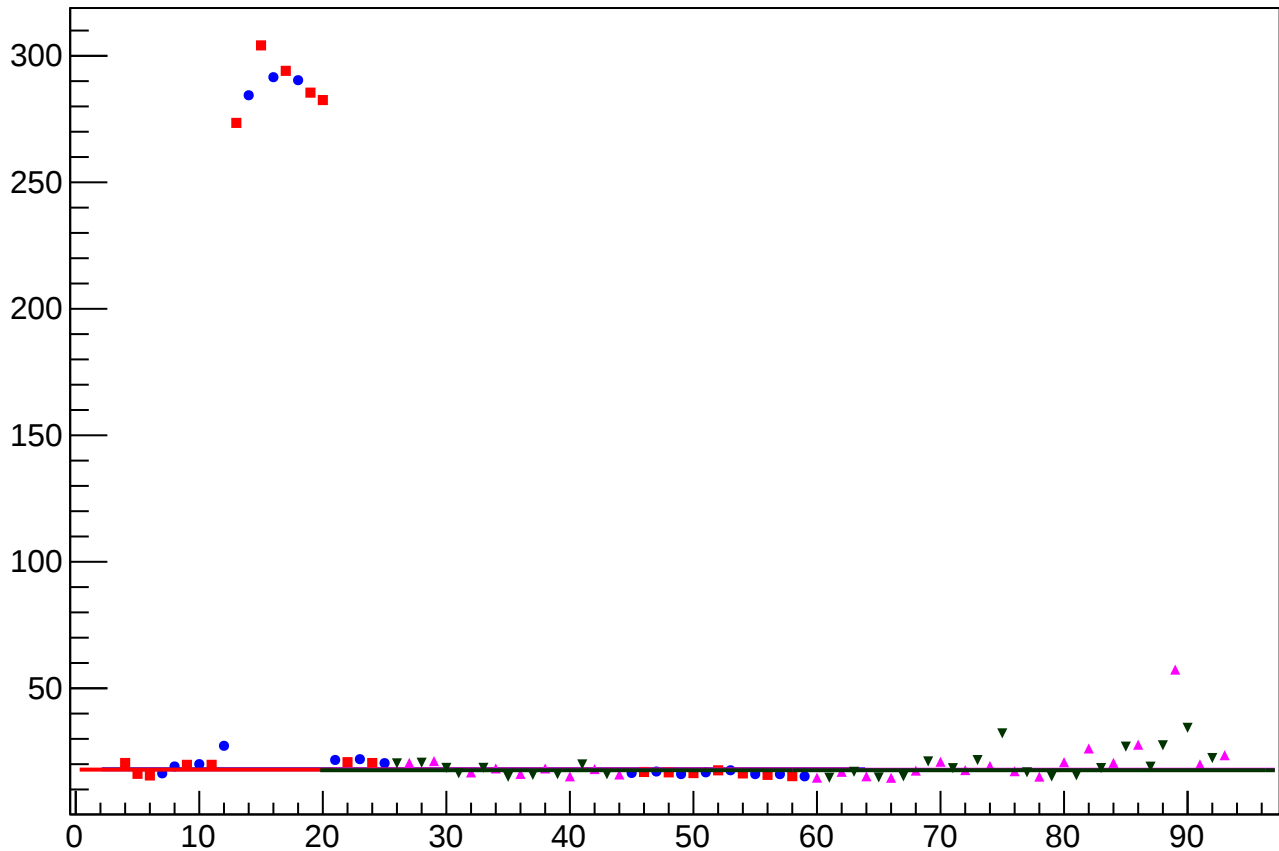
Right Out: -4.846 $\pm$ 6.550 χ^2 /NDF: 14.7/18

Left In: 0.253 $\pm$ 4.975 χ^2 /NDF: 42.2/25

-4.313 $\pm$ 3.877 χ^2 /NDF: 37.5/44

-1.612 $\pm$ 3.962 χ^2 /NDF: 57.2/44

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.988+/-0.004 χ^2/NDF : 4525208.5/17

Left Out: 17.616+/-0.004 χ^2/NDF : 900209.2/26

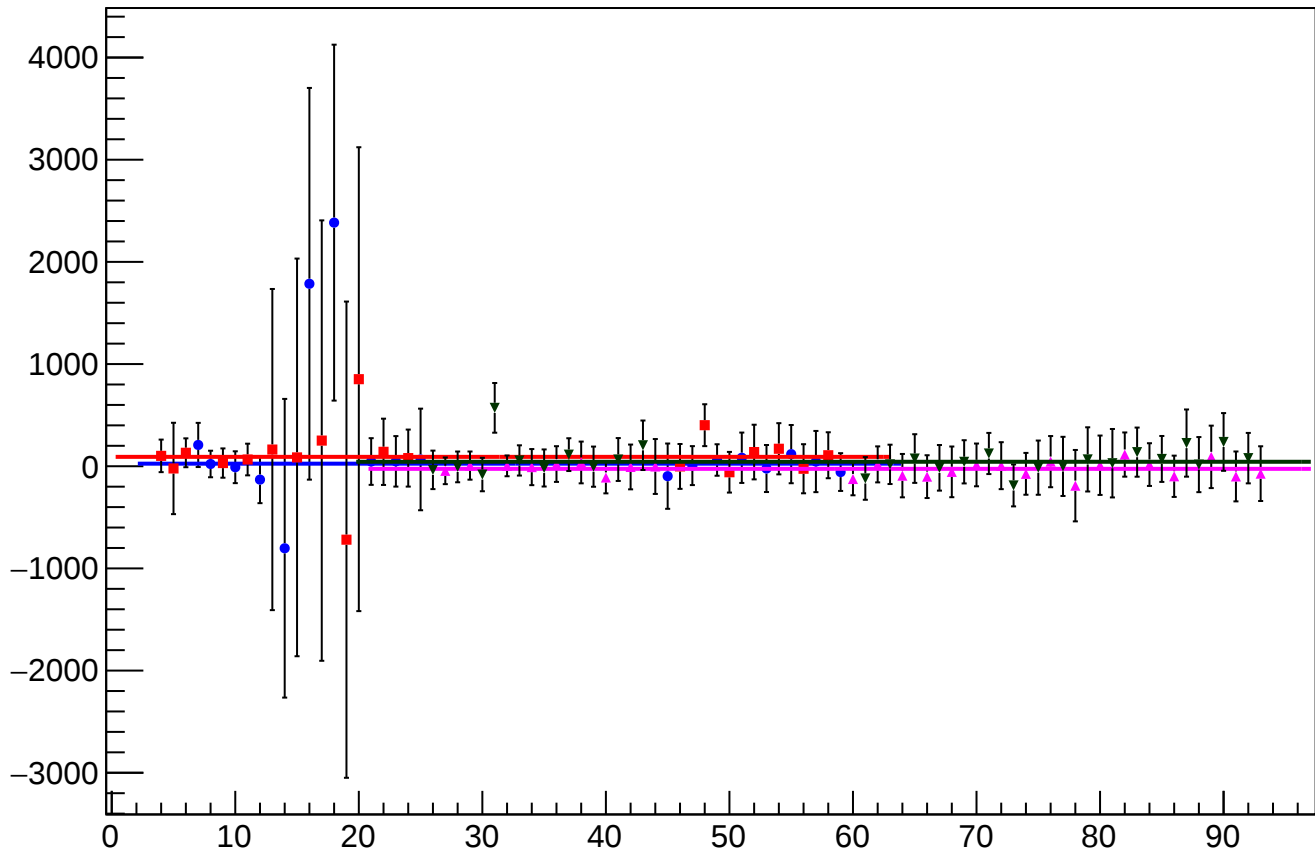
17.769+/-0.003 χ^2/NDF : 5429875.4/44

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

17.830+/-0.003 χ^2/NDF : 6023551.3/44

Left In: 17.816+/-0.004 χ^2/NDF : 989387.8/25

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: 43.670+/-40.834 χ^2/NDF : 9.6/26

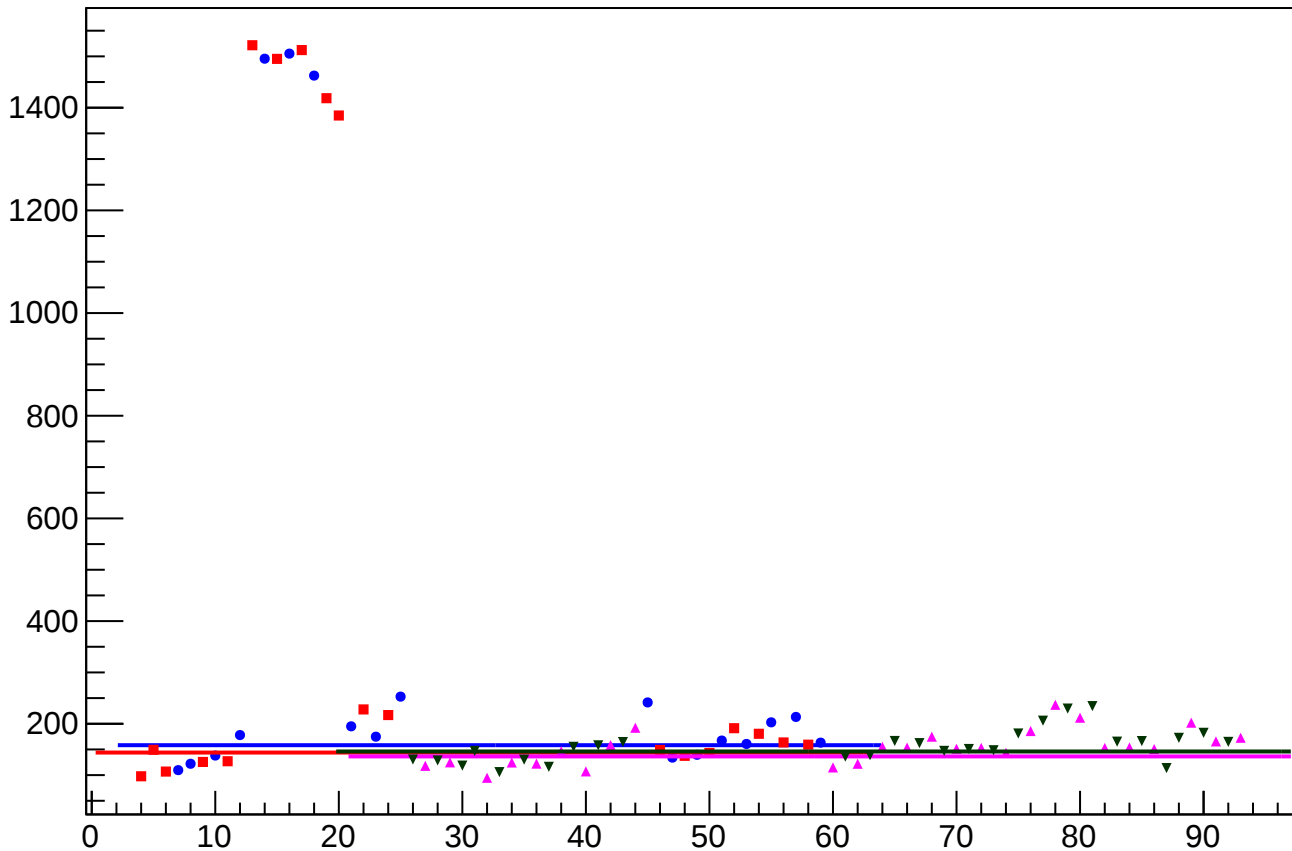
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -25.581+/-37.331 χ^2/NDF : 2.6/25

36.846+/-32.468 χ^2/NDF : 14.6/44

12.537+/-30.675 χ^2/NDF : 9.9/44

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: 146.025+/-0.029 χ^2/NDF : 900775.4/26

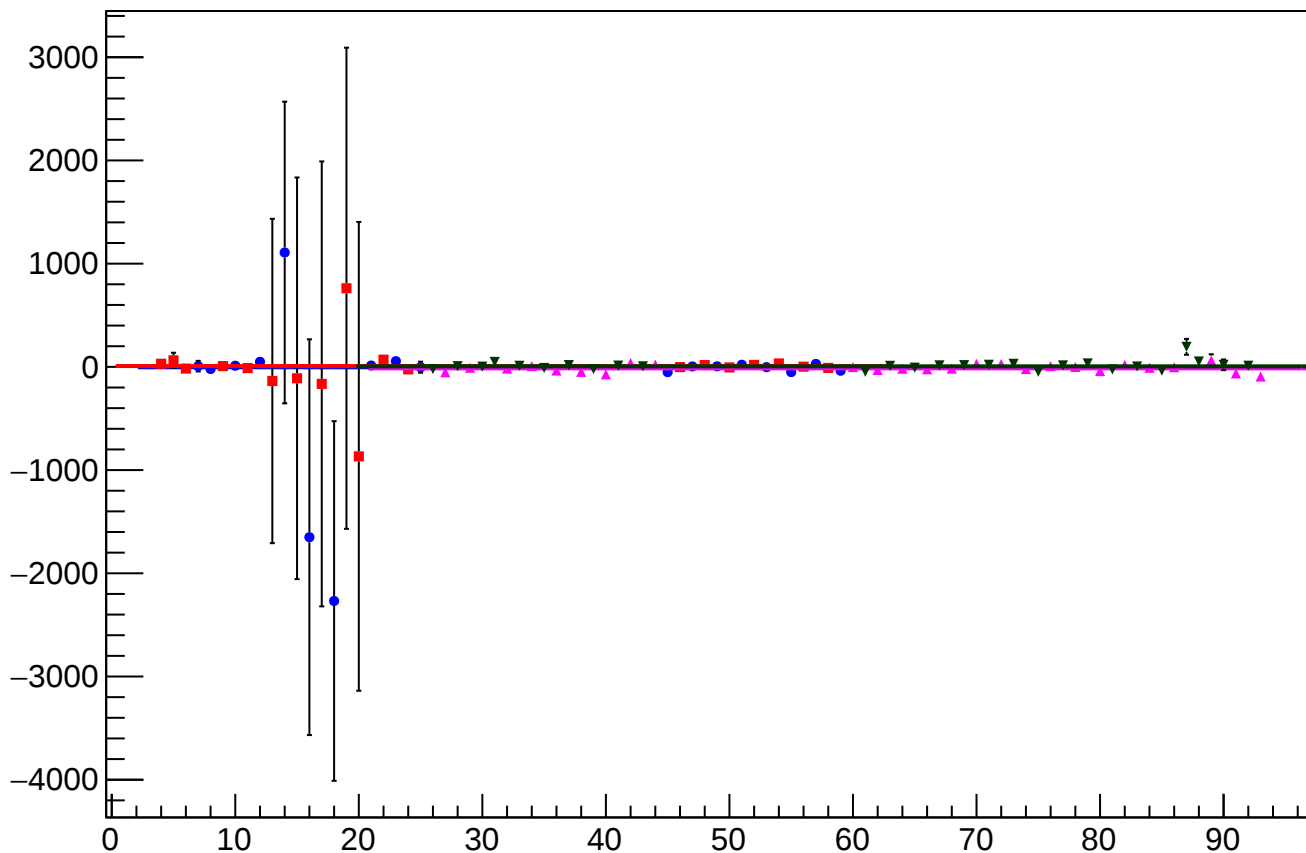
150.530+/-0.023 χ^2/NDF : 5505978.1/44

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

138.854+/-0.022 χ^2/NDF : 6608383.4/44

Left In: 136.407+/-0.026 χ^2/NDF : 1313952.8/25

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -4.070+/-7.876 χ^2/NDF : 17.6/17

Left Out: 5.309+/-6.159 χ^2/NDF : 20.6/26

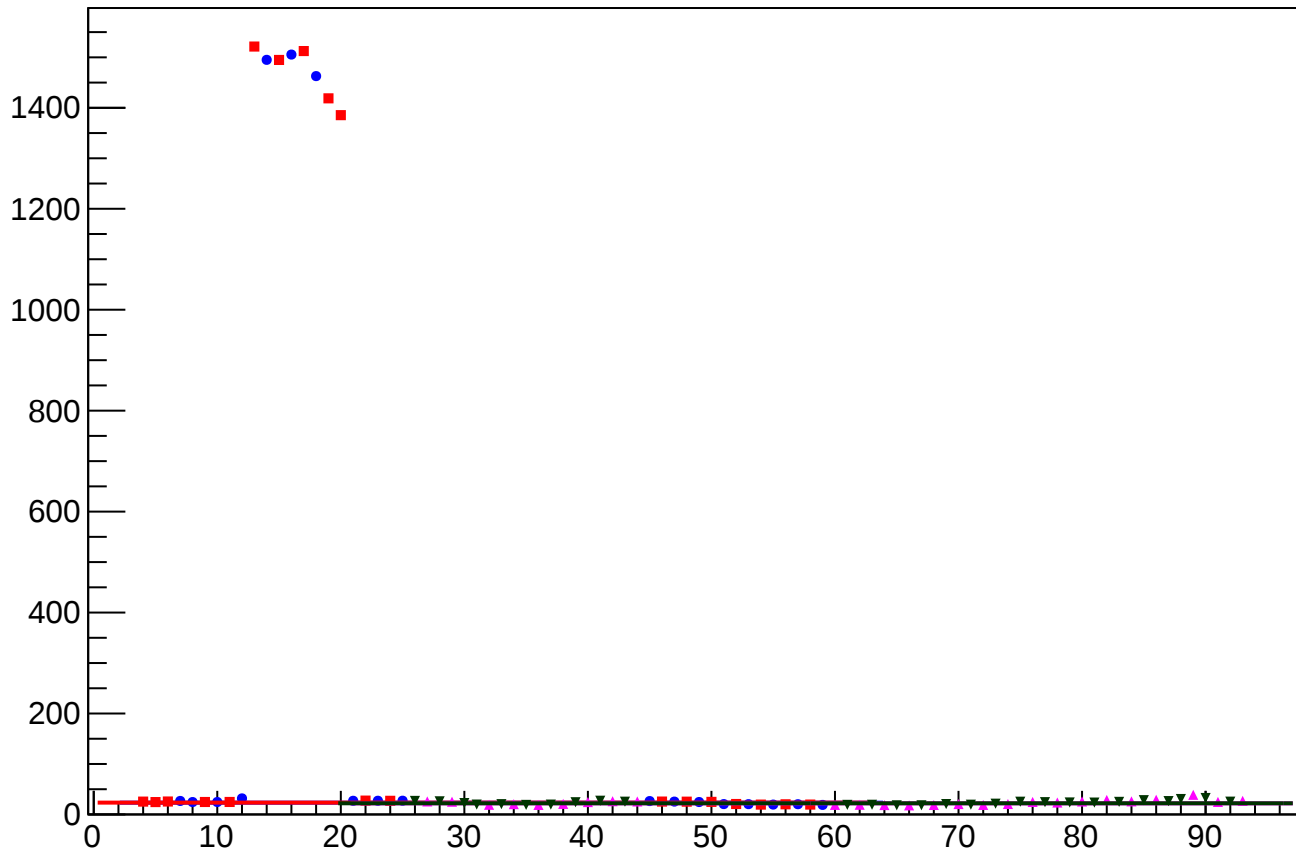
Right Out: 7.973+/-8.718 χ^2/NDF : 7.3/18

Left In: -14.772+/-5.955 χ^2/NDF : 24.1/25

1.750+/-4.851 χ^2/NDF : 39.0/44

-7.535+/-4.918 χ^2/NDF : 36.0/44

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 22.138+/-0.004 χ^2/NDF : 628760.3/26

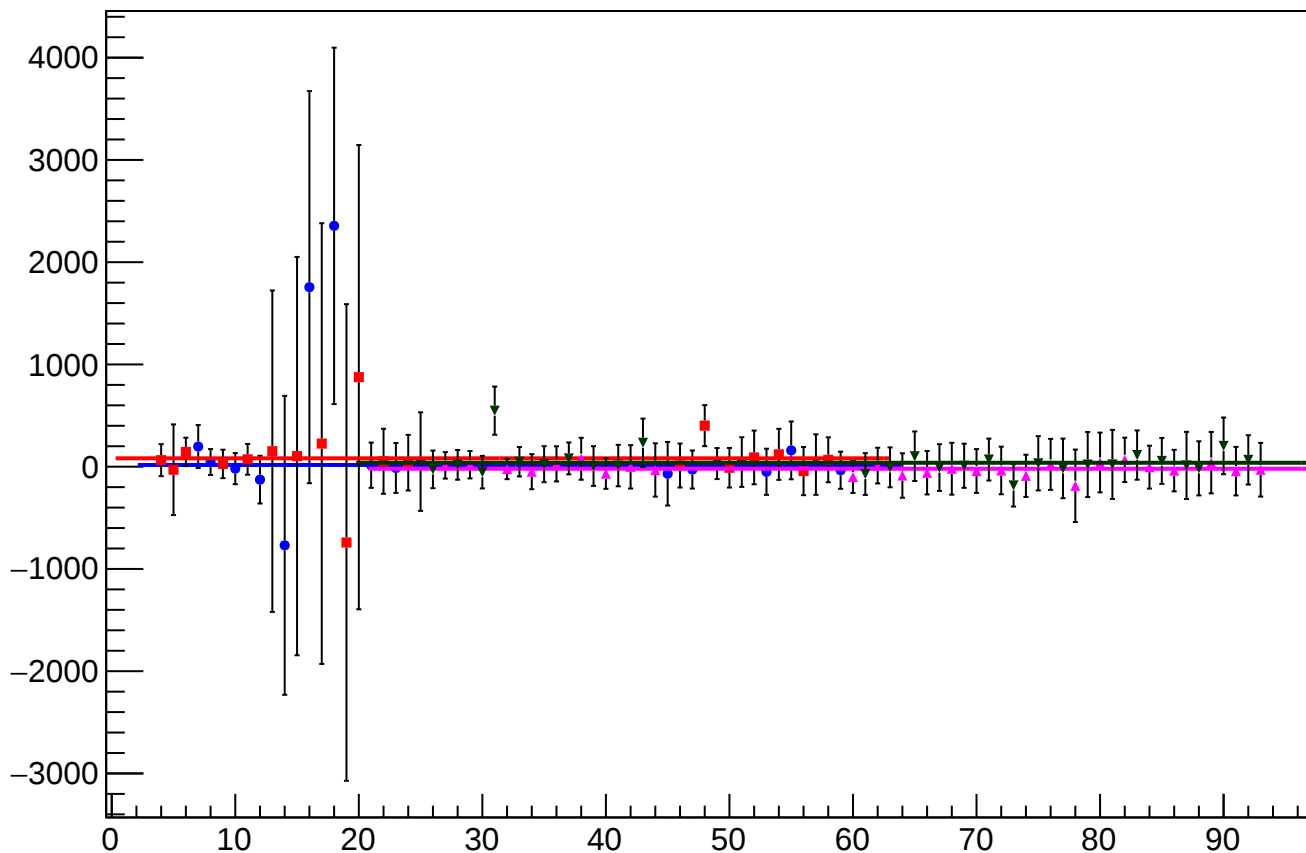
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 21.999+/-0.004 χ^2/NDF : 774707.0/25

22.592+/-0.003 χ^2/NDF : 5622734.7/44

22.459+/-0.003 χ^2/NDF : 6373747.2/44

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: 38.431+/-40.305 χ^2/NDF : 8.2/26

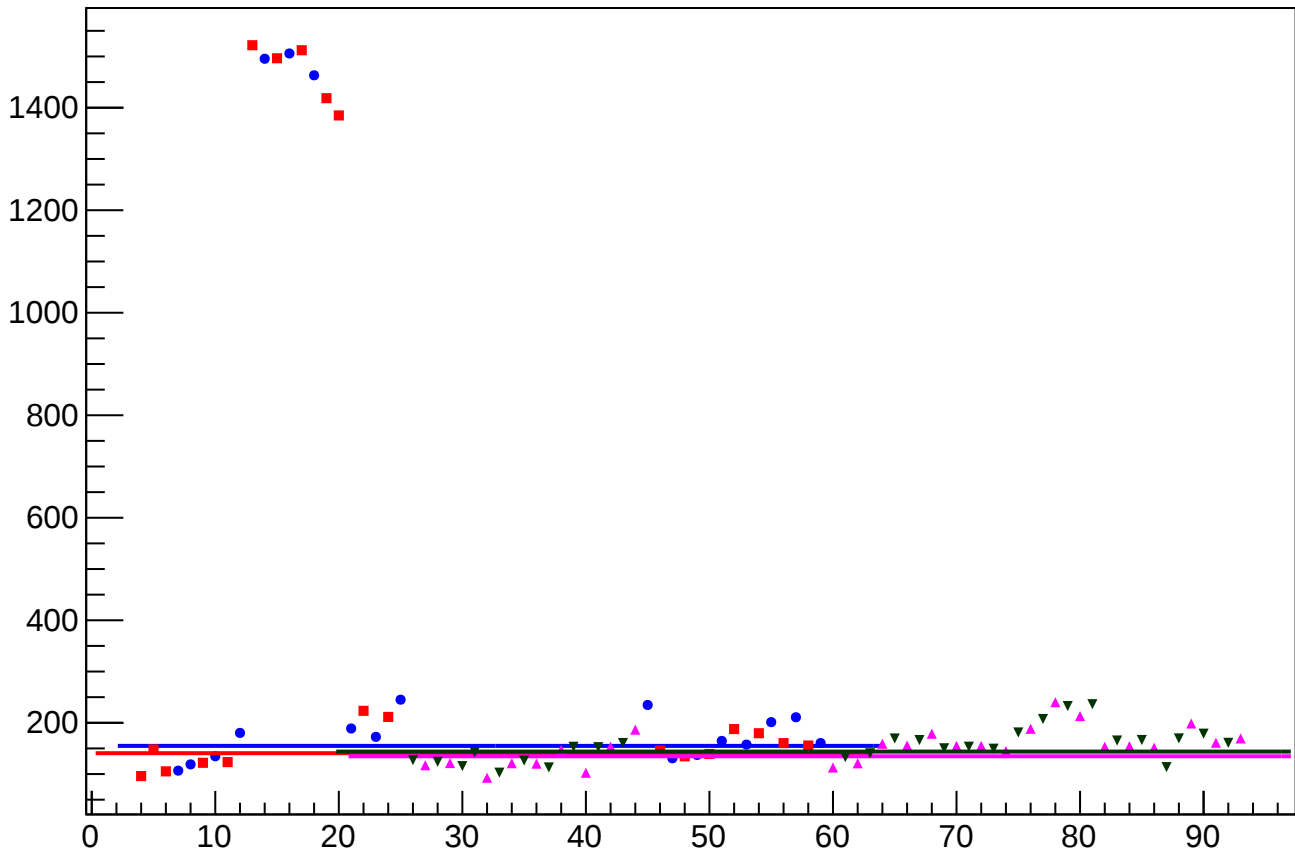
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -20.134+/-36.912 χ^2/NDF : 1.7/25

30.458+/-31.968 χ^2/NDF : 13.0/44

13.479+/-30.227 χ^2/NDF : 8.1/44

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 143.815+/-0.029 χ^2/NDF :1007289.2/26

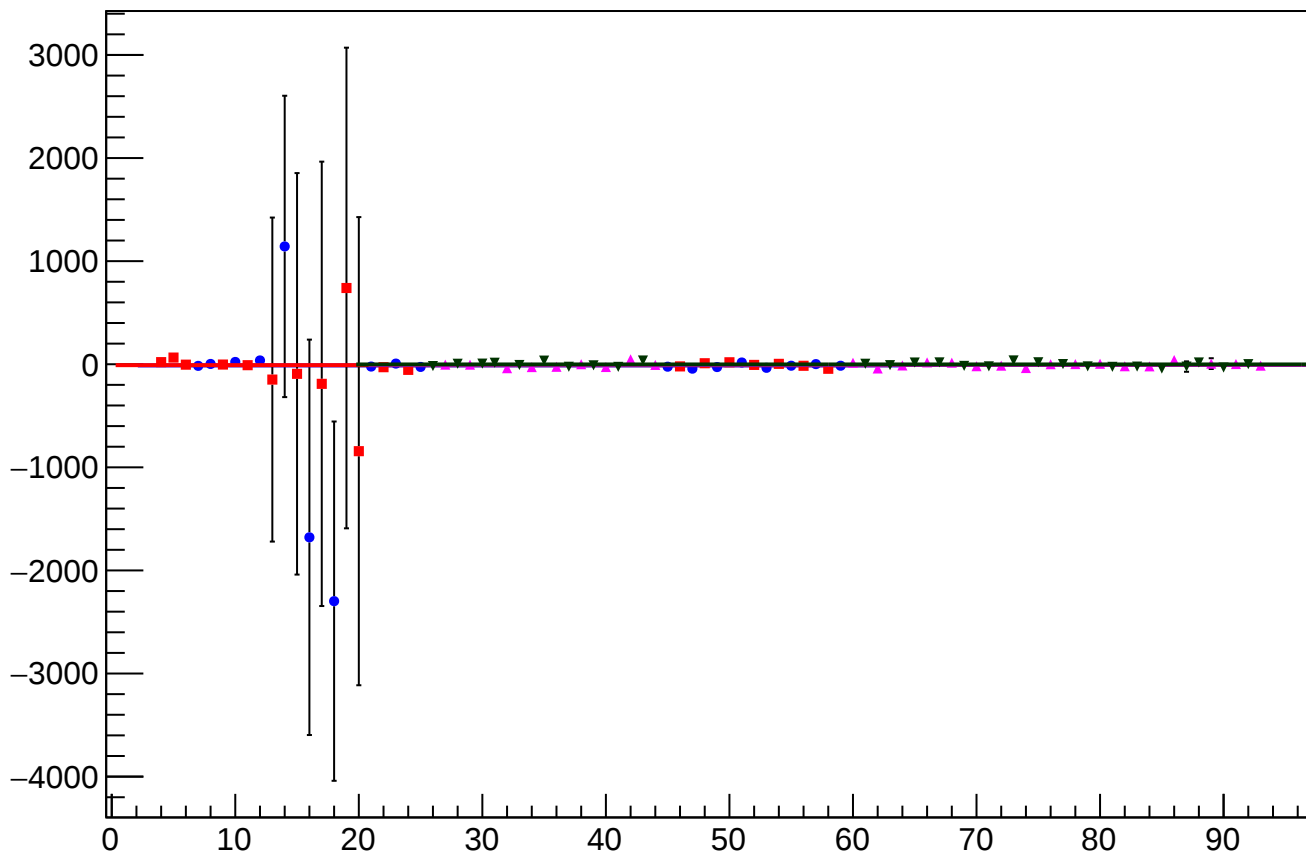
Right Out: 140.710+/-0.037 χ^2/NDF : 5291988.7/18

Left In: 134.667+/-0.026 χ^2/NDF :1438430.4/25

147.945+/-0.023 χ^2/NDF : 5644476.6/44

136.658+/-0.021 χ^2/NDF : 6748072.4/44

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: -2.183 $\pm$ 4.576 χ^2 /NDF: 21.2/26

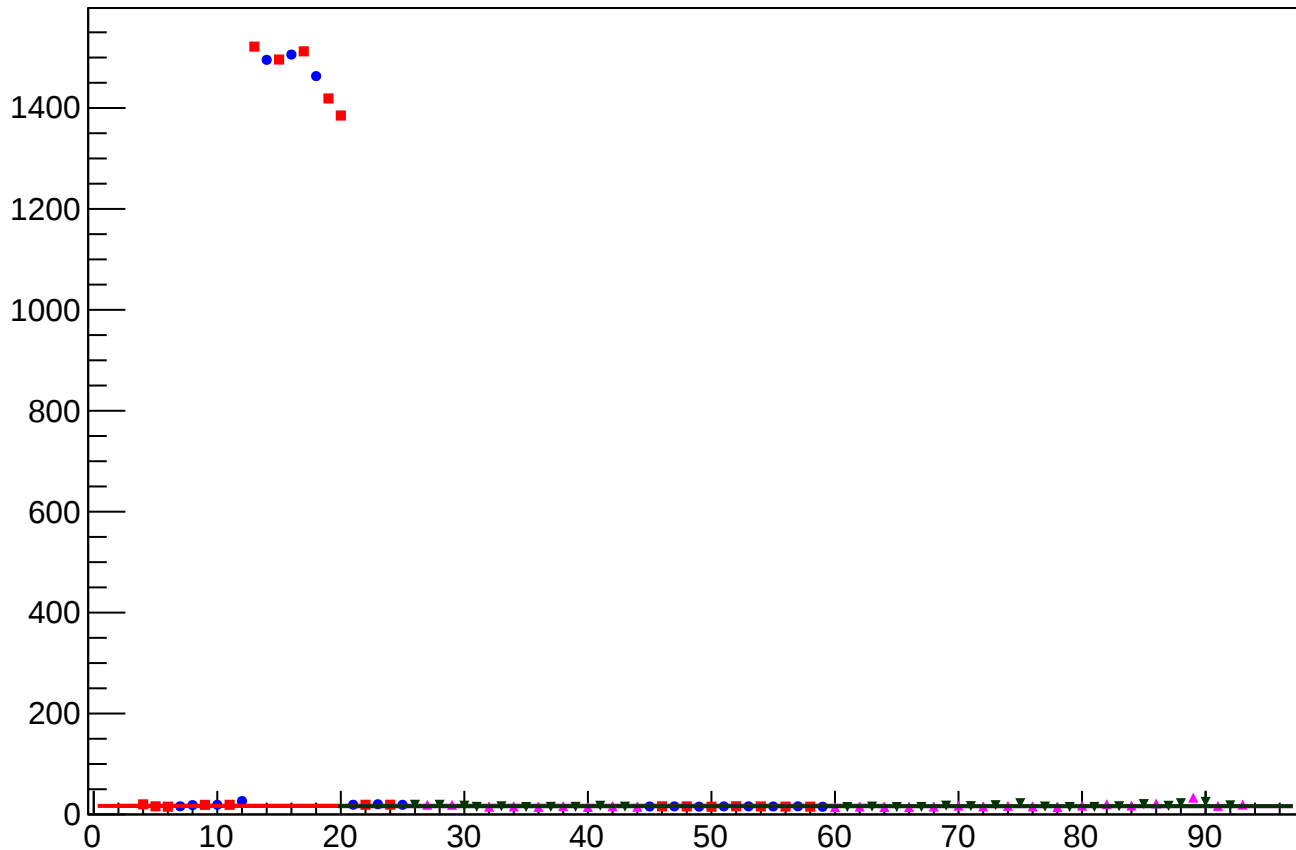
Right Out: -8.864 $\pm$ 6.293 χ^2 /NDF: 13.3/18

Left In: -7.308 $\pm$ 4.473 χ^2 /NDF: 23.6/25

-5.713 $\pm$ 3.586 χ^2 /NDF: 37.8/44

-7.830 $\pm$ 3.646 χ^2 /NDF: 36.9/44

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: 16.410+/-0.003 χ^2/NDF :431181.5/26

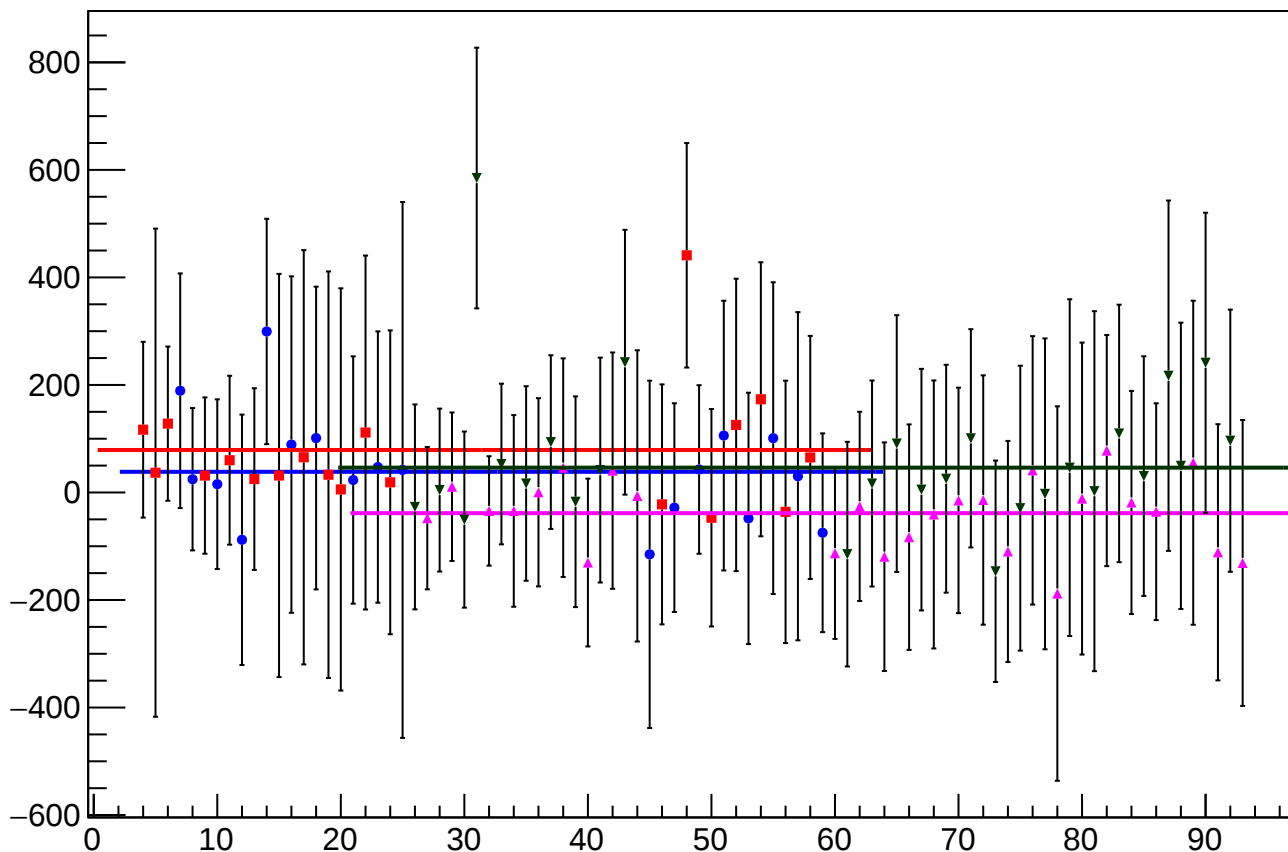
Right Out: 16.920+/-0.004 χ^2/NDF : 5539958.1/18

Left In: 16.513+/-0.003 χ^2/NDF :517264.9/25

16.674+/-0.003 χ^2/NDF : 5370463.7/44

16.649+/-0.003 χ^2/NDF : 6062781.1/44

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: 46.188+/-40.888 χ^2/NDF : 9.0/26

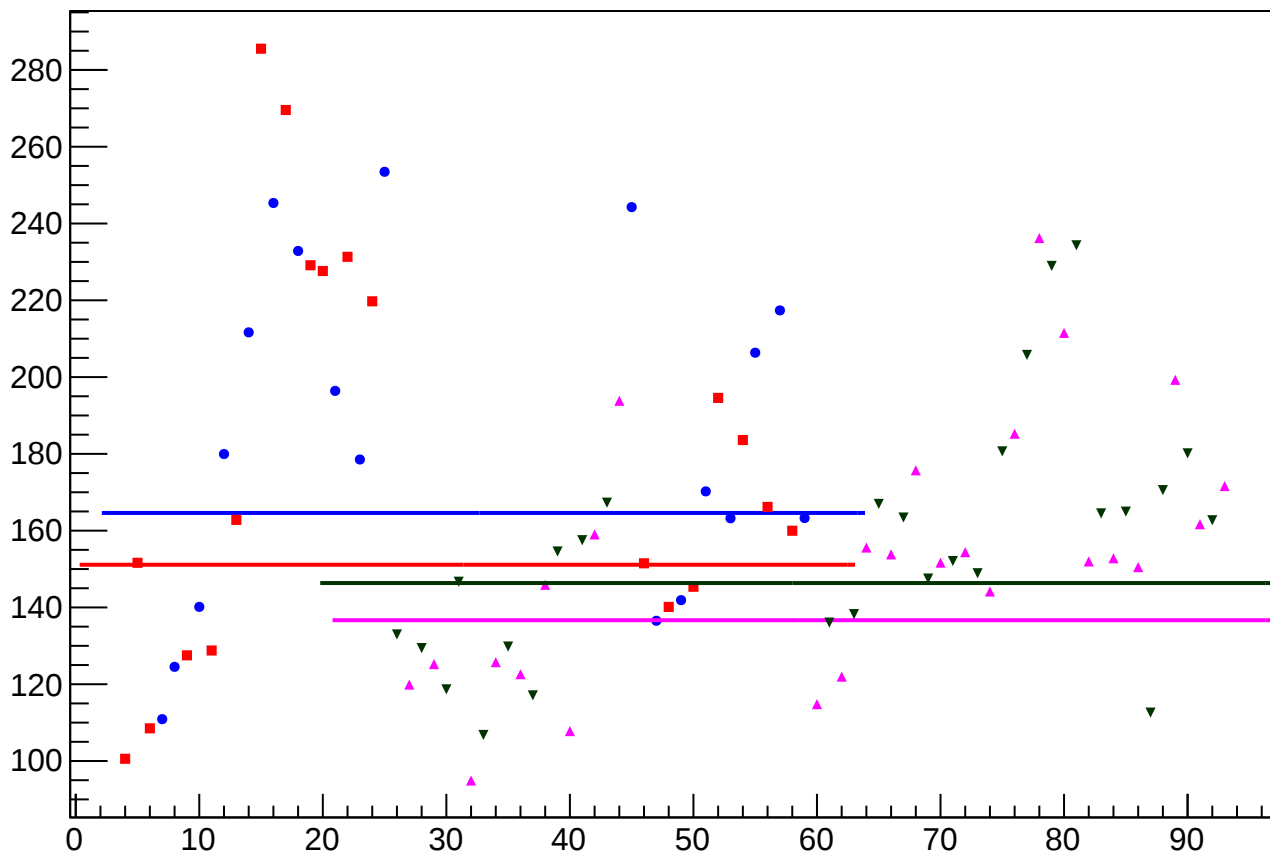
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -38.469+/-37.379 χ^2/NDF : 2.3/25

43.163+/-31.911 χ^2/NDF : 12.4/44

3.421+/-29.988 χ^2/NDF : 10.4/44

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: 146.357 $\pm$ 0.029 χ^2 /NDF: 872018.9/26

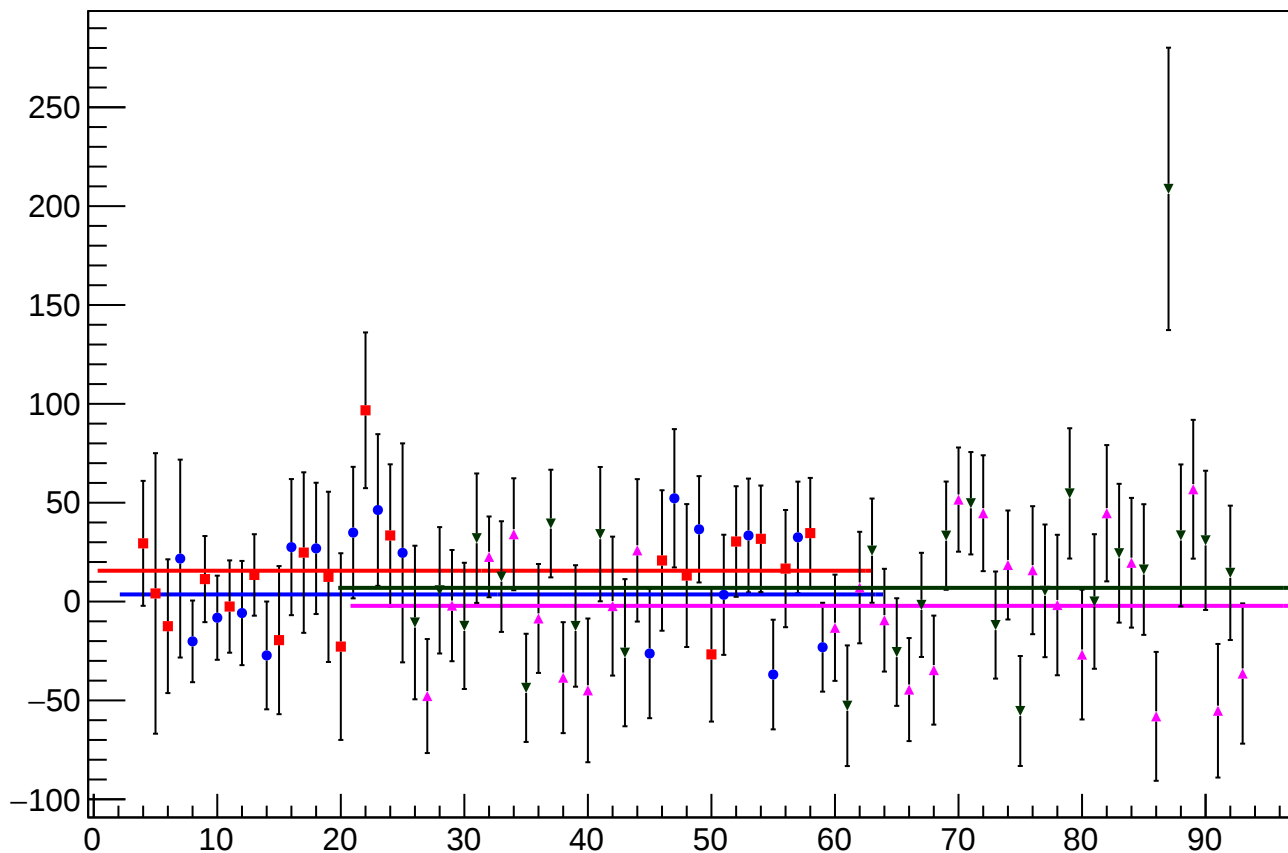
153.493 $\pm$ 0.023 χ^2 /NDF: 2156420.4/44

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

141.823 $\pm$ 0.021 χ^2 /NDF: 2816371.5/44

Left In: 136.674 $\pm$ 0.026 χ^2 /NDF: 1286435.7/25

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 3.606 ± 6.842 χ^2/NDF : 16.3/17

Left Out: 6.931 ± 5.976 χ^2/NDF : 34.4/26

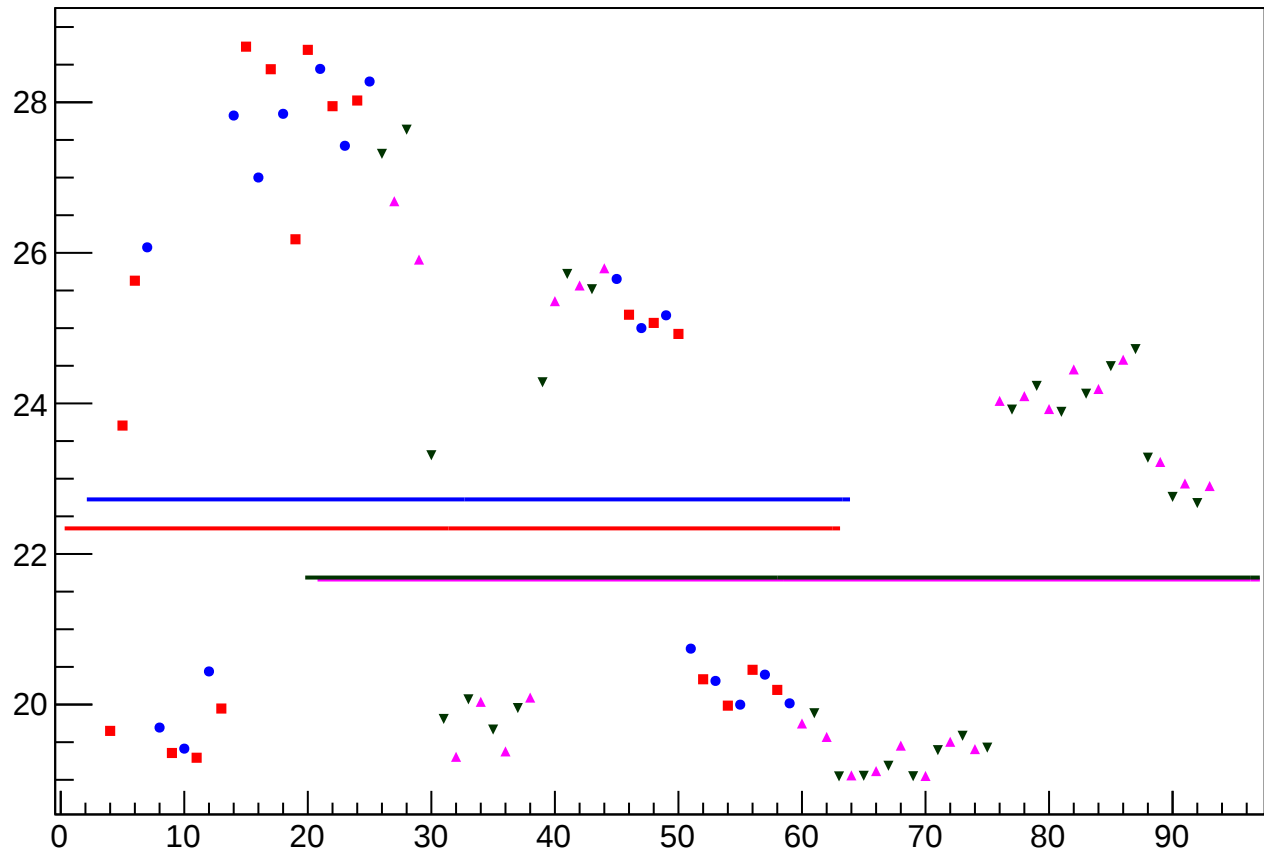
Right Out: 15.596 ± 7.143 χ^2/NDF : 10.3/18

Left In: -2.169 ± 5.799 χ^2/NDF : 33.3/25

5.492 ± 4.501 χ^2/NDF : 50.9/44

4.889 ± 4.502 χ^2/NDF : 47.4/44

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: 21.687+/-0.004 χ^2/NDF : 400079.9/26

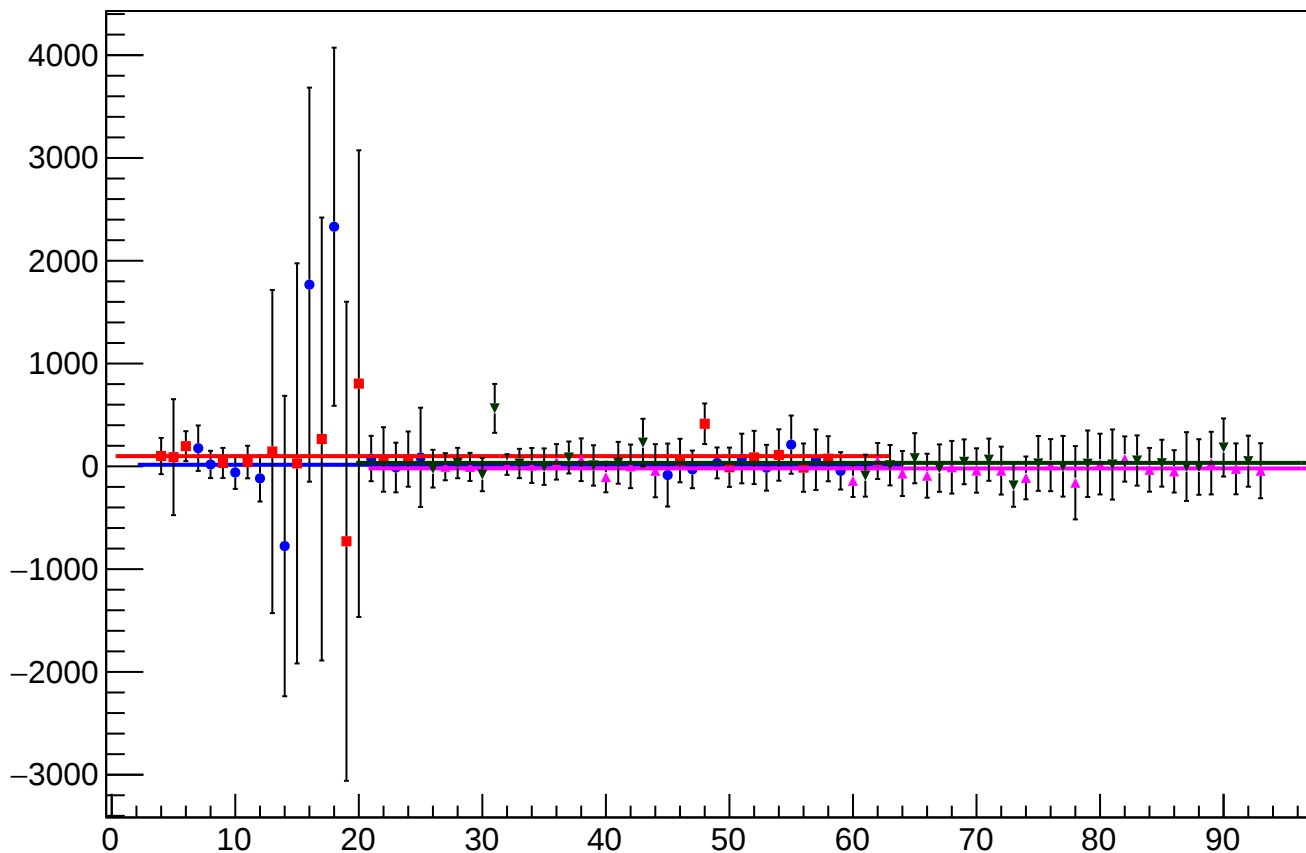
22.136+/-0.003 χ^2/NDF : 924964.2/44

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

21.930+/-0.003 χ^2/NDF : 899073.1/44

Left In: 21.661+/-0.004 χ^2/NDF : 428163.2/25

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 15.197 $\pm$ 53.019 χ^2 /NDF: 5.0/17

Left Out: 33.780 $\pm$ 40.584 χ^2 /NDF: 8.4/26

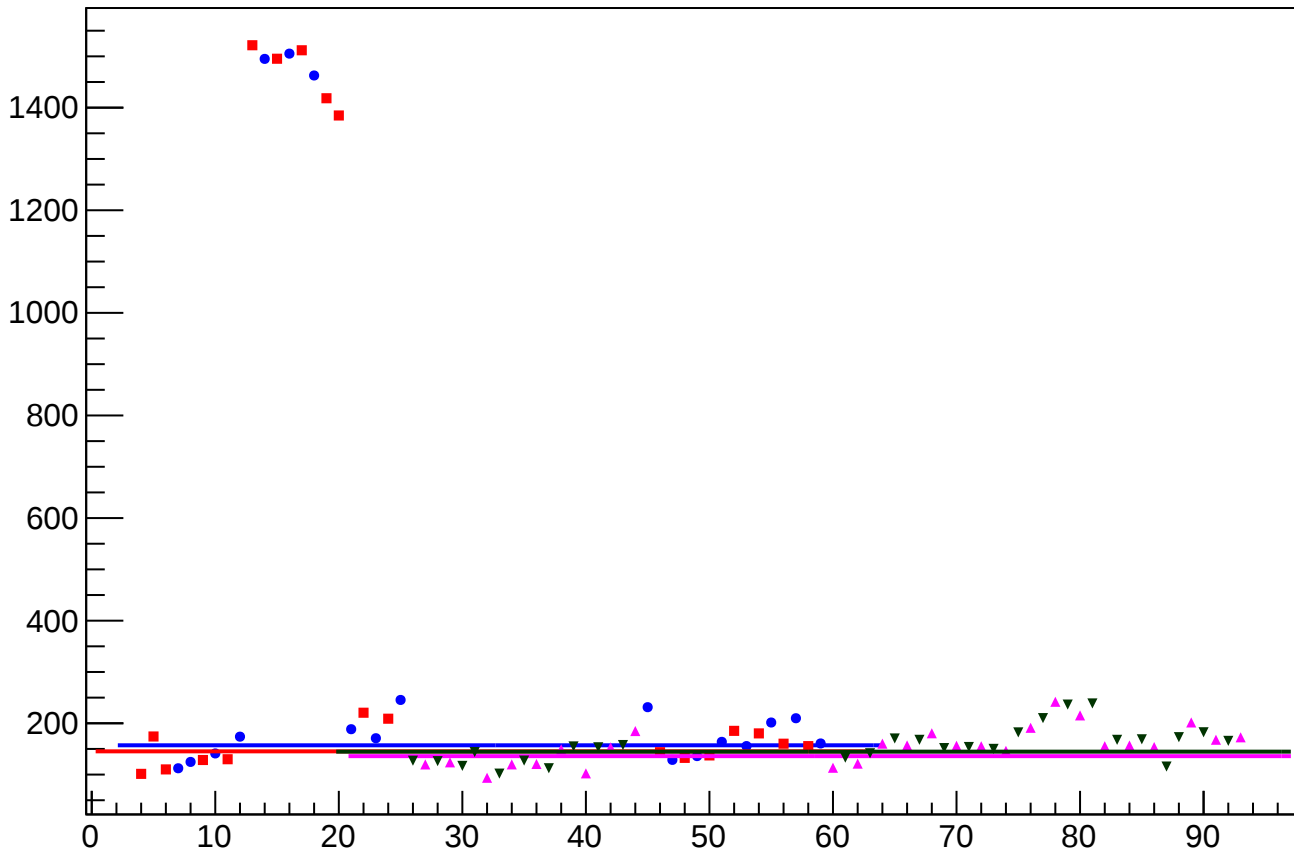
Right Out: 99.514 $\pm$ 54.286 χ^2 /NDF: 4.2/18

Left In: -20.199 $\pm$ 37.263 χ^2 /NDF: 2.4/25

26.914 $\pm$ 32.226 χ^2 /NDF: 13.5/44

18.142 $\pm$ 30.722 χ^2 /NDF: 9.9/44

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 157.088+/-0.037 χ^2/NDF : 4456786.2/17

Left Out: 144.701+/-0.029 χ^2/NDF :1044533.1/26

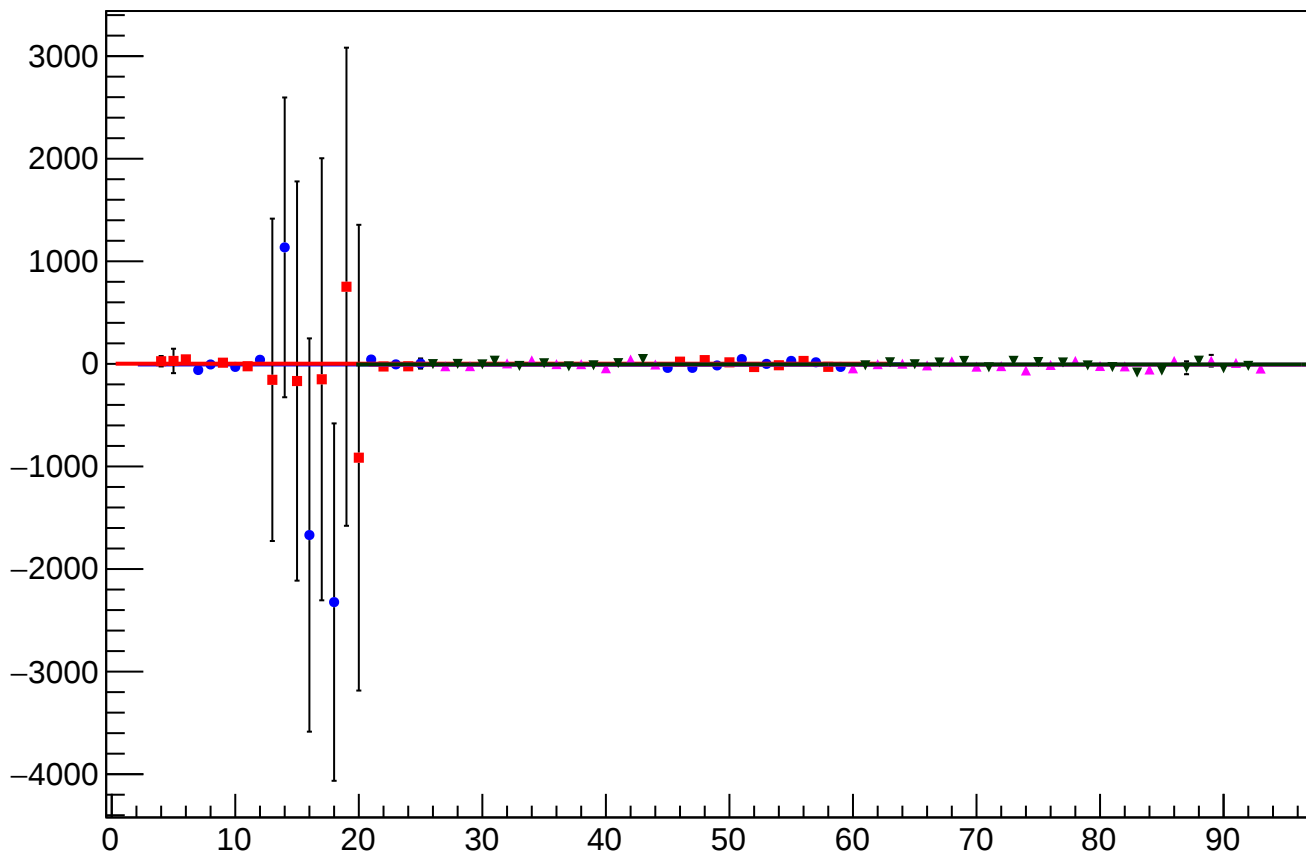
149.278+/-0.023 χ^2/NDF : 5570153.3/44

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

138.933+/-0.022 χ^2/NDF : 6615990.3/44

Left In: 135.933+/-0.026 χ^2/NDF :1451379.5/25

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: -5.542+/-5.891 χ^2/NDF : 23.7/26

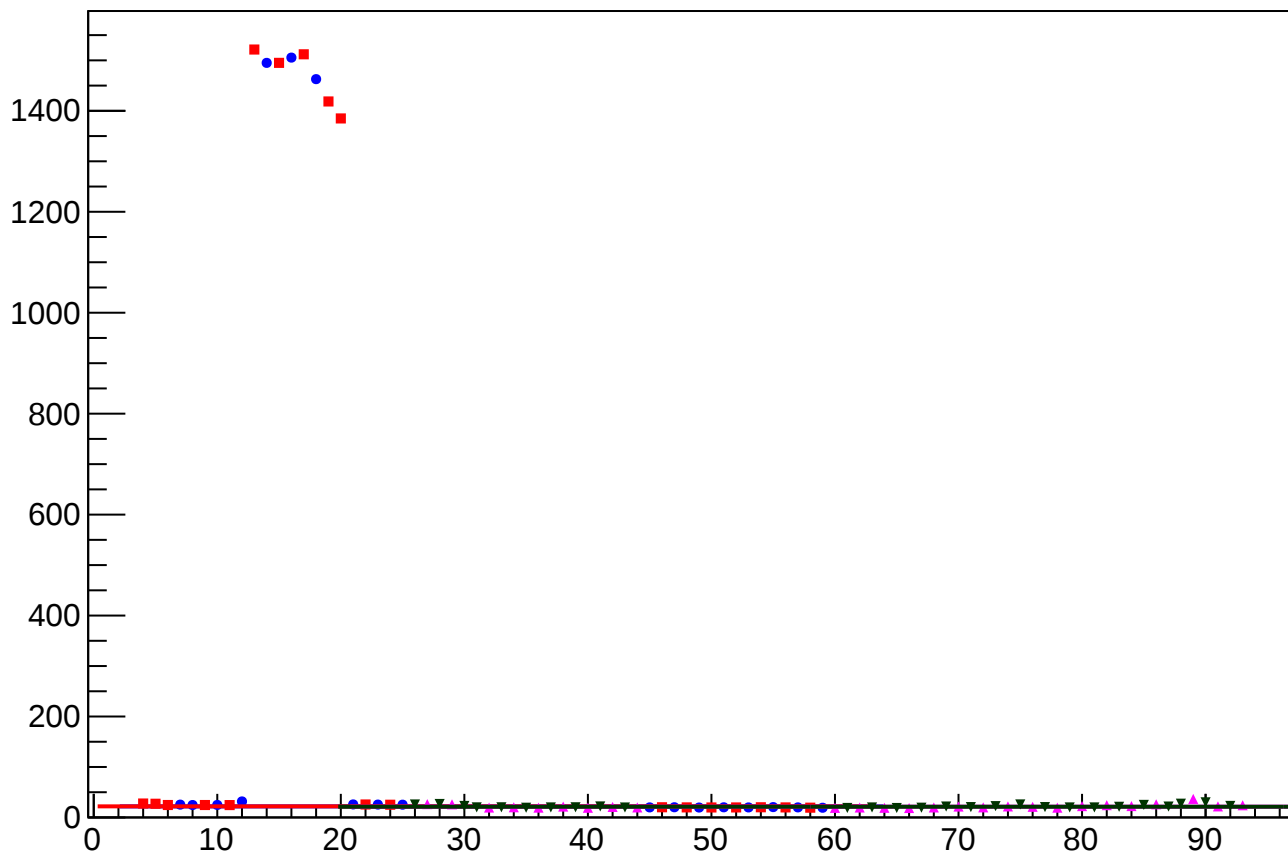
Right Out: 1.722+/-8.261 χ^2/NDF : 10.4/18

Left In: -8.447+/-5.726 χ^2/NDF : 22.1/25

-5.589+/-4.607 χ^2/NDF : 42.4/44

-5.147+/-4.706 χ^2/NDF : 33.4/44

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: 21.263+/-0.004 χ^2/NDF : 351929.6/26

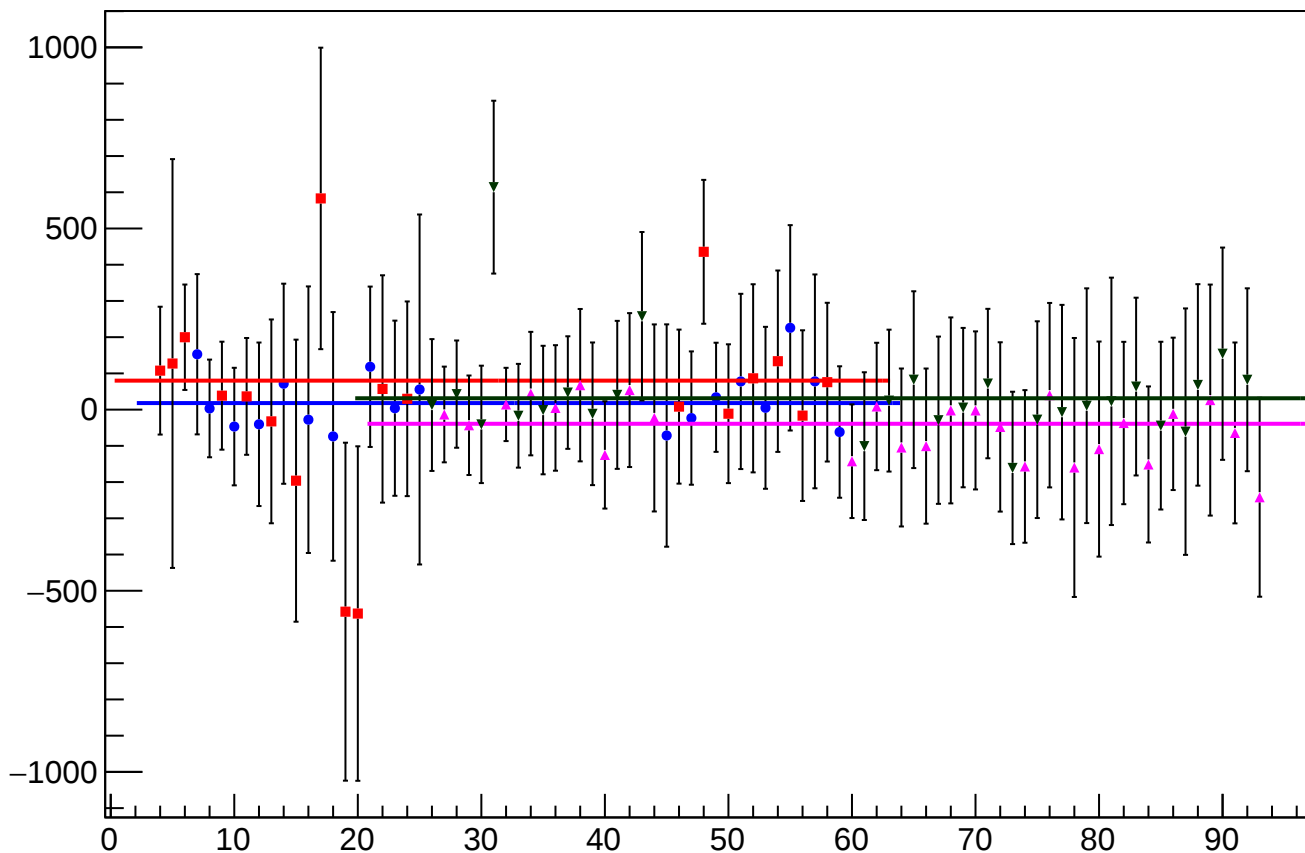
Right Out: 21.987+/-0.006 χ^2/NDF : 5559967.3/18

Left In: 21.272+/-0.004 χ^2/NDF : 452336.0/25

21.518+/-0.003 χ^2/NDF : 5293289.5/44

21.504+/-0.003 χ^2/NDF : 6022414.2/44

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: 31.385+/-40.777 χ^2/NDF : 9.3/26

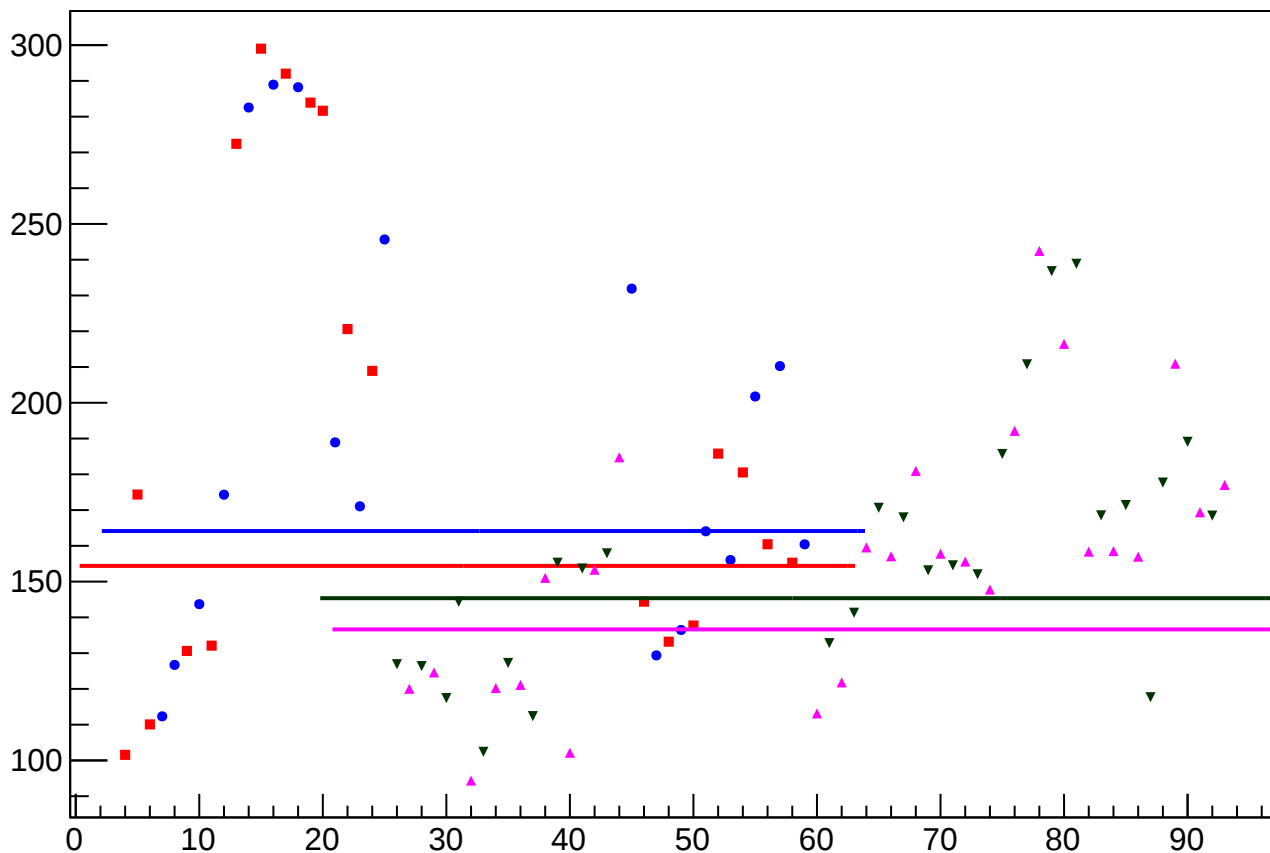
Right Out: 80.043+/-52.081 χ^2/NDF : 10.6/18

Left In: -39.055+/-37.479 χ^2/NDF : 3.6/25

26.248+/-31.929 χ^2/NDF : 11.2/44

1.579+/-30.421 χ^2/NDF : 17.6/44

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 164.140 $\pm$ 0.036 χ^2 /NDF: 1566554.6/17

Left Out: 145.362 $\pm$ 0.029 χ^2 /NDF:1071069.4/26

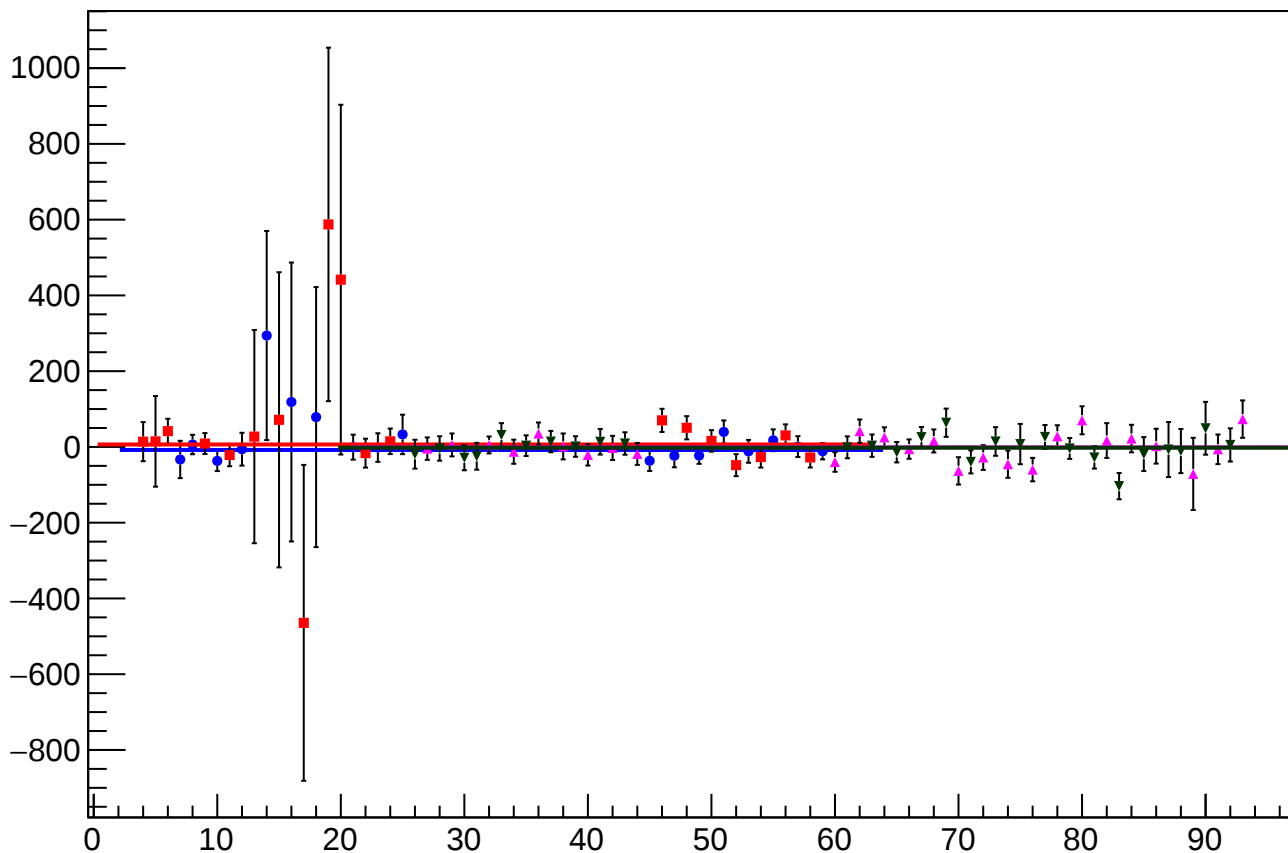
Right Out: 154.395 $\pm$ 0.037 χ^2 /NDF: 1875575.3/18

Left In: 136.639 $\pm$ 0.027 χ^2 /NDF:1486456.0/25

152.627 $\pm$ 0.023 χ^2 /NDF: 2801702.7/44

142.697 $\pm$ 0.022 χ^2 /NDF: 3515187.1/44

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -1.963+/-6.410 χ^2 /NDF:20.2/26

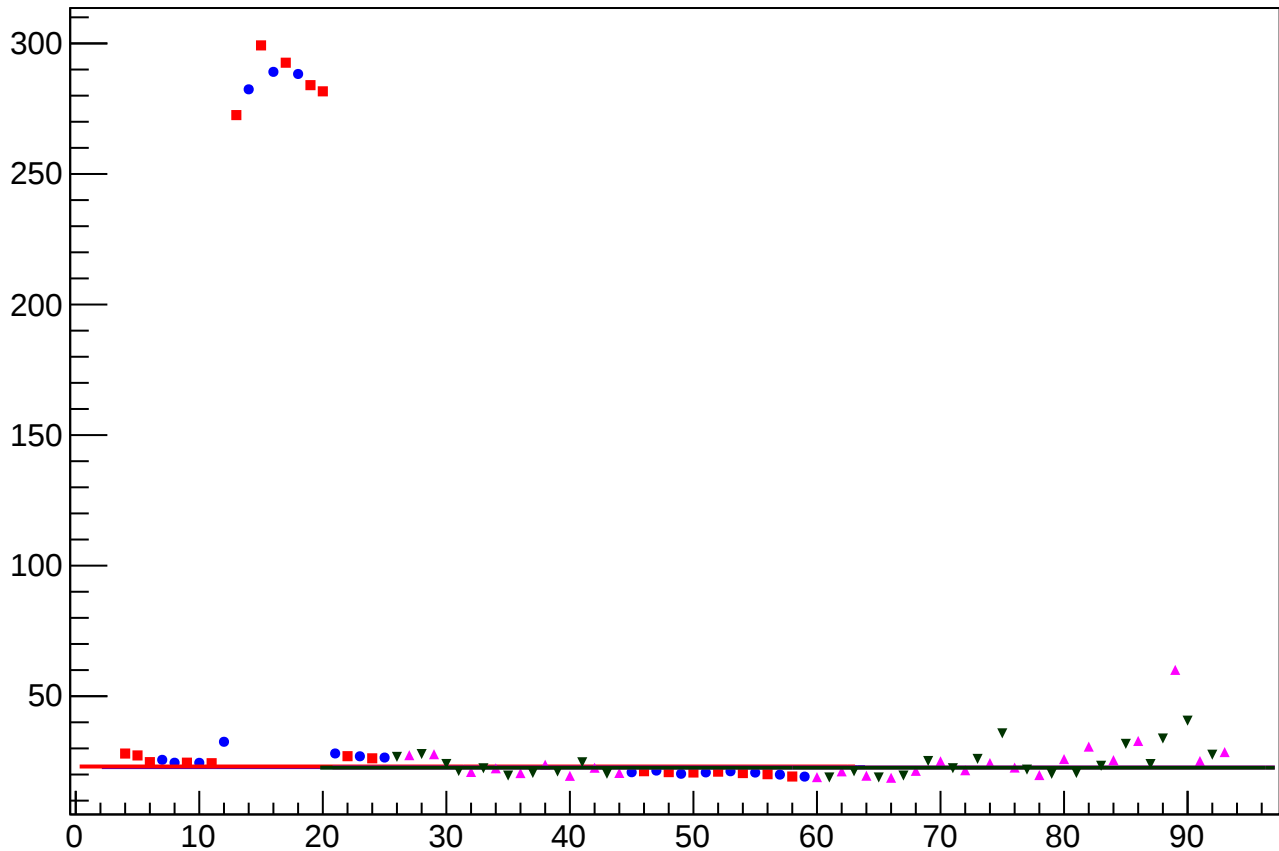
Right Out: 6.463+/-8.479 χ^2 /NDF: 20.1/18

Left In: -1.075+/-6.253 χ^2 /NDF:25.1/25

-4.463+/-4.901 χ^2 /NDF: 29.6/44

1.580+/-5.032 χ^2 /NDF: 45.7/44

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 22.637+/-0.005 χ^2/NDF : 735388.2/26

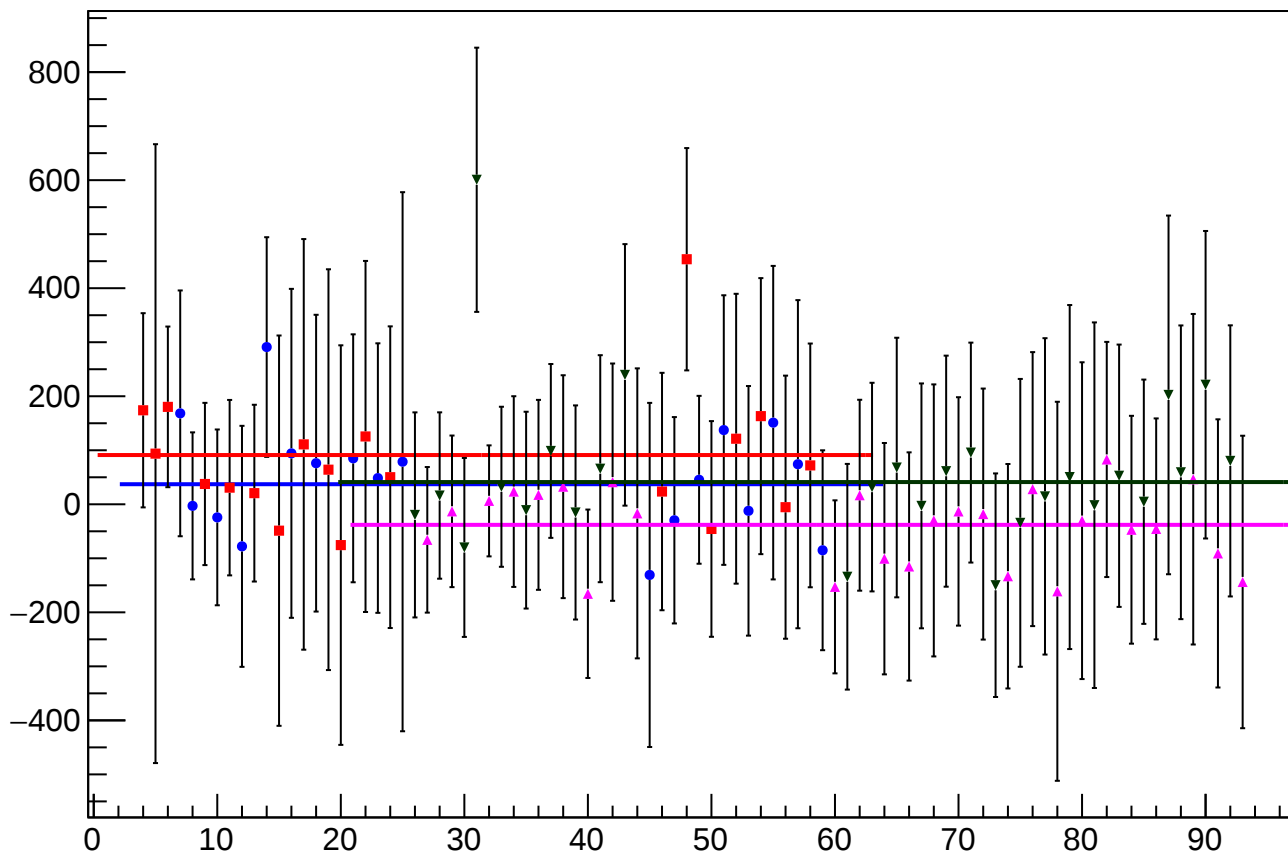
Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

Left In: 22.700+/-0.004 χ^2/NDF : 858034.9/25

22.727+/-0.003 χ^2/NDF : 5099847.6/44

22.830+/-0.004 χ^2/NDF : 5717209.7/44

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: 41.149+/-41.162 χ^2/NDF : 9.4/26

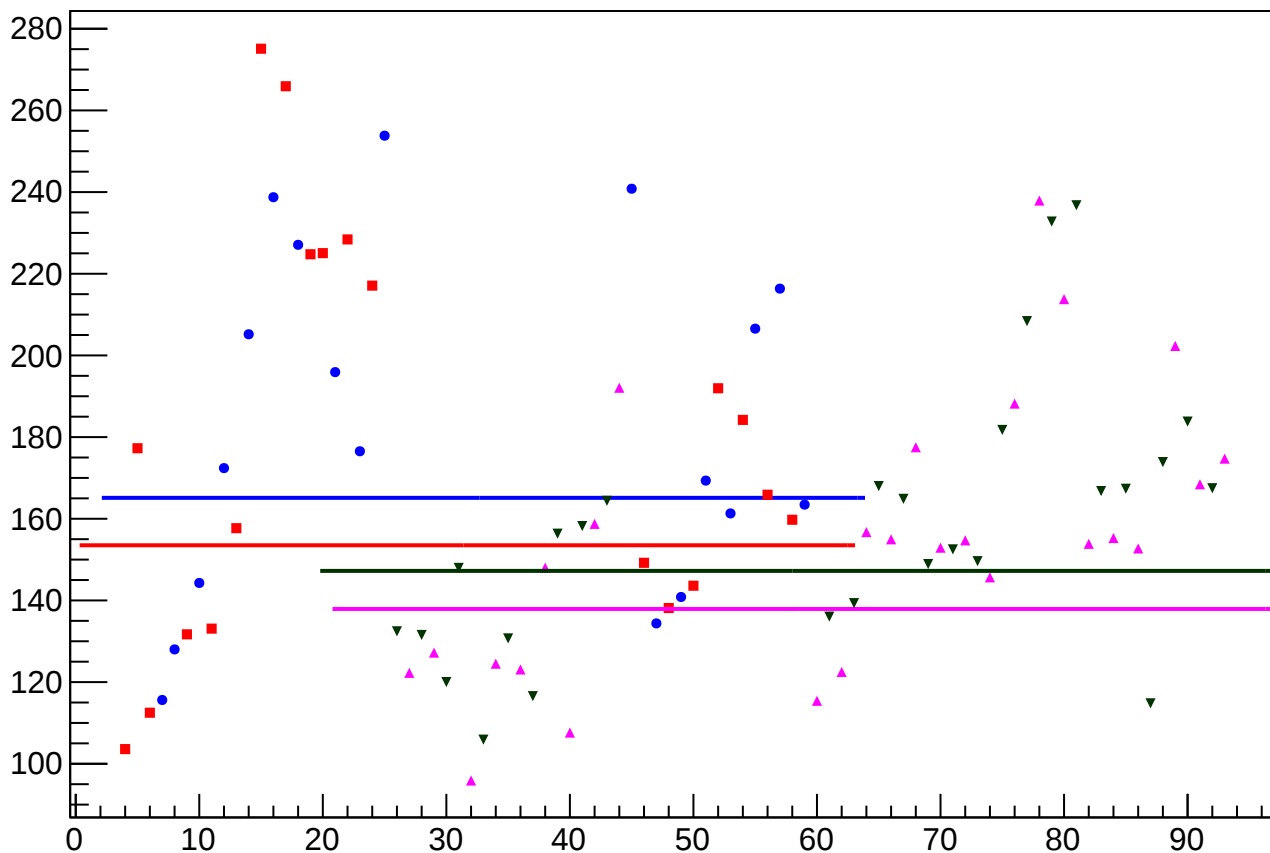
Right Out: 91.157+/-50.934 χ^2/NDF : 5.3/18

Left In: -38.070+/-37.723 χ^2/NDF : 3.2/25

39.574+/-32.040 χ^2/NDF : 13.1/44

7.705+/-30.314 χ^2/NDF : 12.7/44

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: 147.235 ± 0.029 χ^2/NDF : 907749.8/26

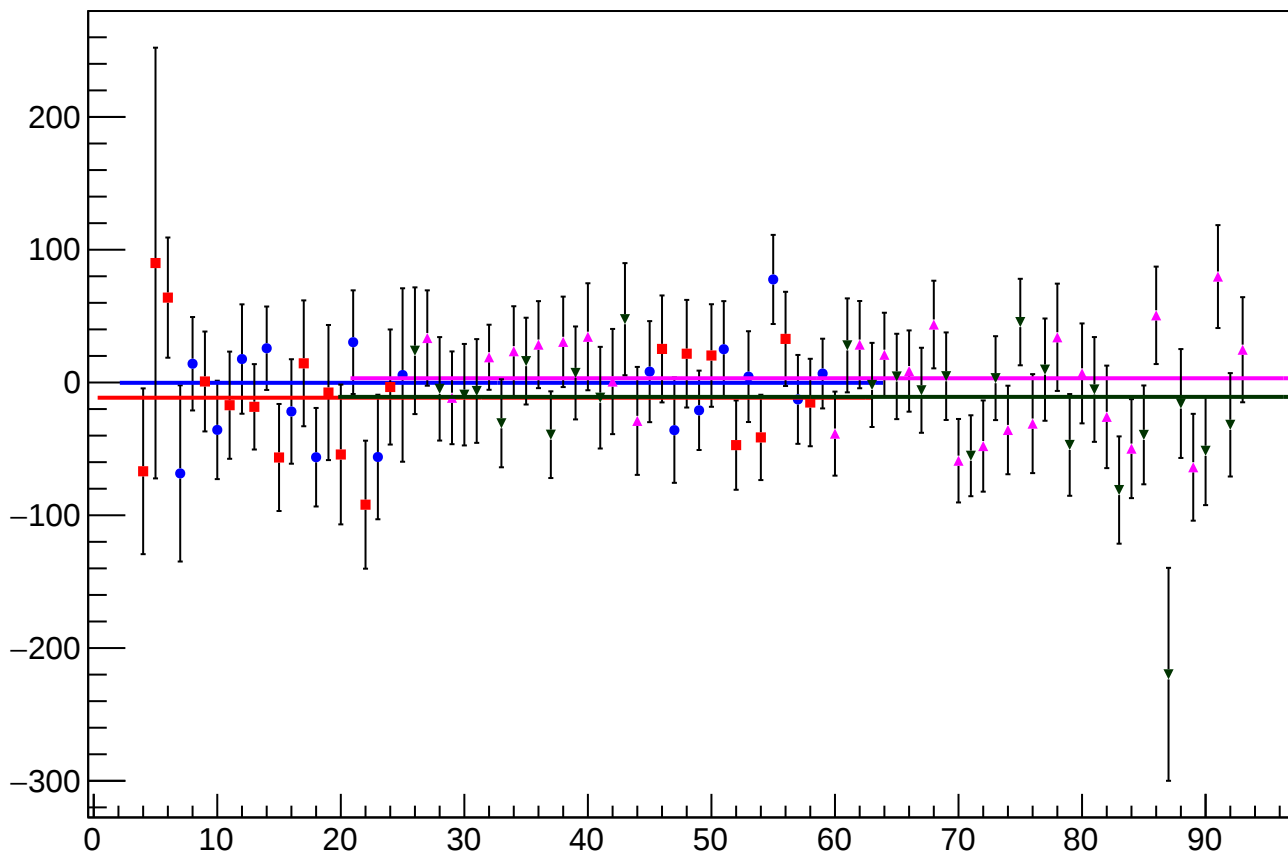
Right Out: 153.509 ± 0.036 χ^2/NDF : 1238601.8/18

Left In: 137.915 ± 0.027 χ^2/NDF : 1300155.7/25

154.286 ± 0.023 χ^2/NDF : 2047294.6/44

143.438 ± 0.021 χ^2/NDF : 2659827.5/44

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: -10.831 ± 7.019 χ^2/NDF : 24.5/26

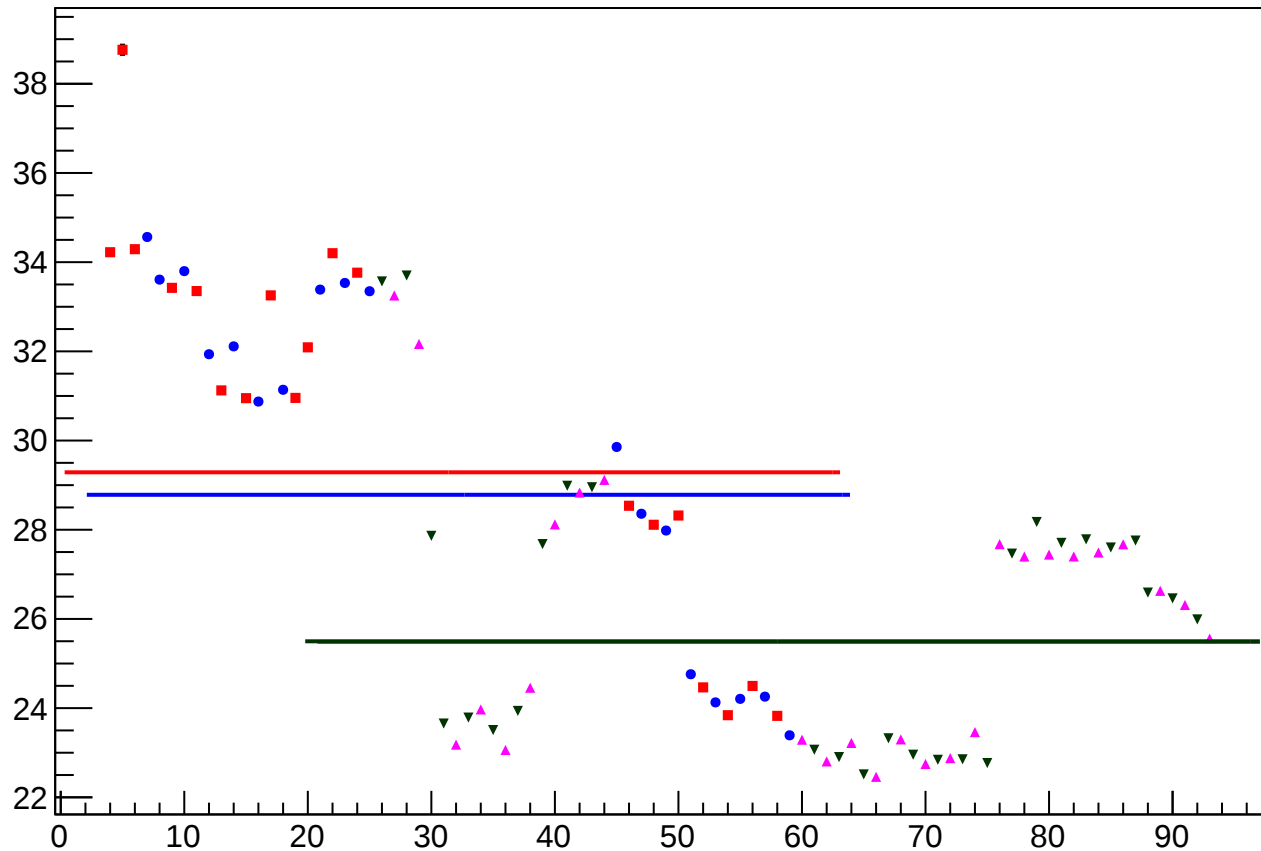
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

Left In: 3.197 ± 6.813 χ^2/NDF : 28.5/25

-6.624 ± 5.449 χ^2/NDF : 40.5/44

-1.848 ± 5.517 χ^2/NDF : 45.0/44

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 25.498 $\pm$ 0.005 χ^2/NDF : 355941.1/26

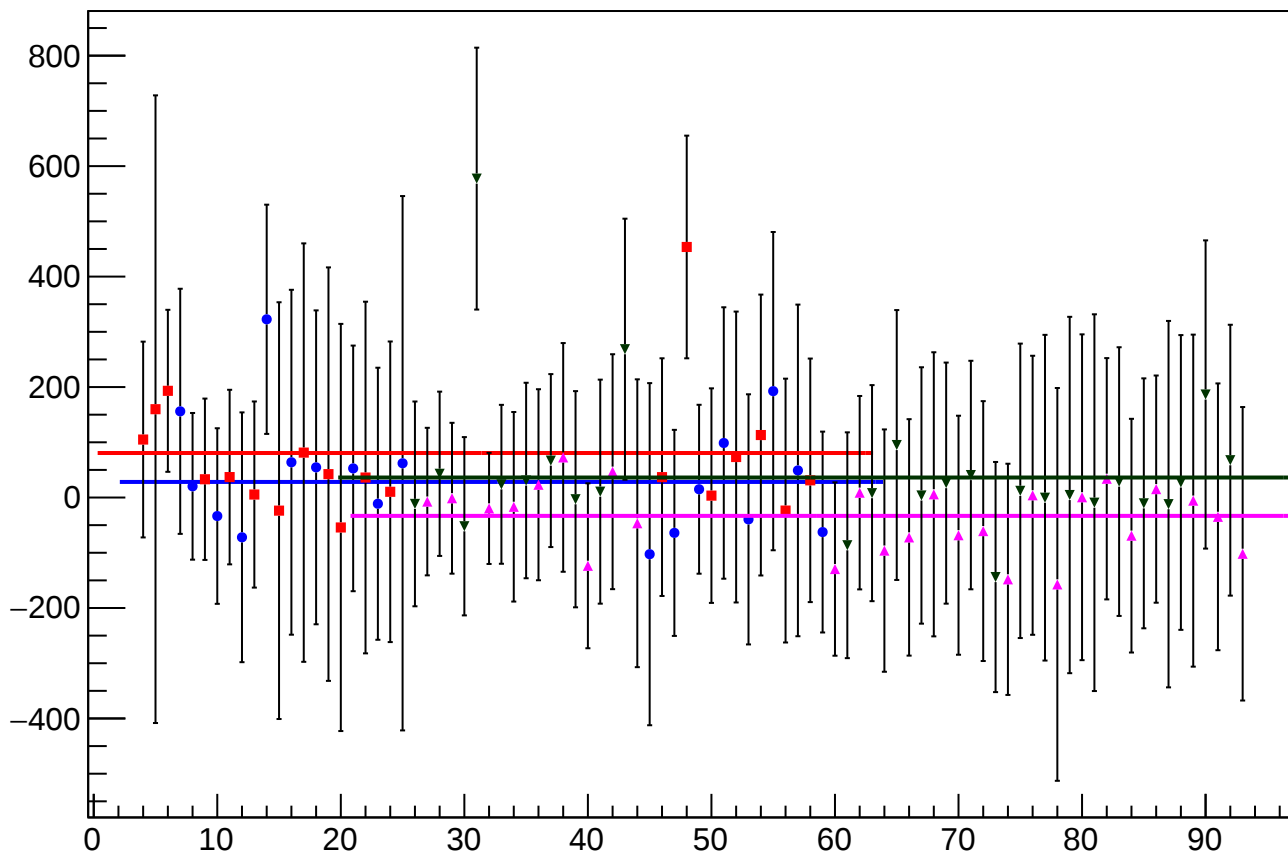
Right Out: 29.288 $\pm$ 0.007 χ^2/NDF : 355757.4/18

Left In: 25.484 $\pm$ 0.005 χ^2/NDF : 372695.1/25

26.803 $\pm$ 0.004 χ^2/NDF : 948527.3/44

26.793 $\pm$ 0.004 χ^2/NDF : 942954.9/44

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 28.225 ± 50.353 $\chi^2/\text{NDF}: 3.9/17$

Left Out: 36.236 ± 40.639 $\chi^2/\text{NDF}: 8.3/26$

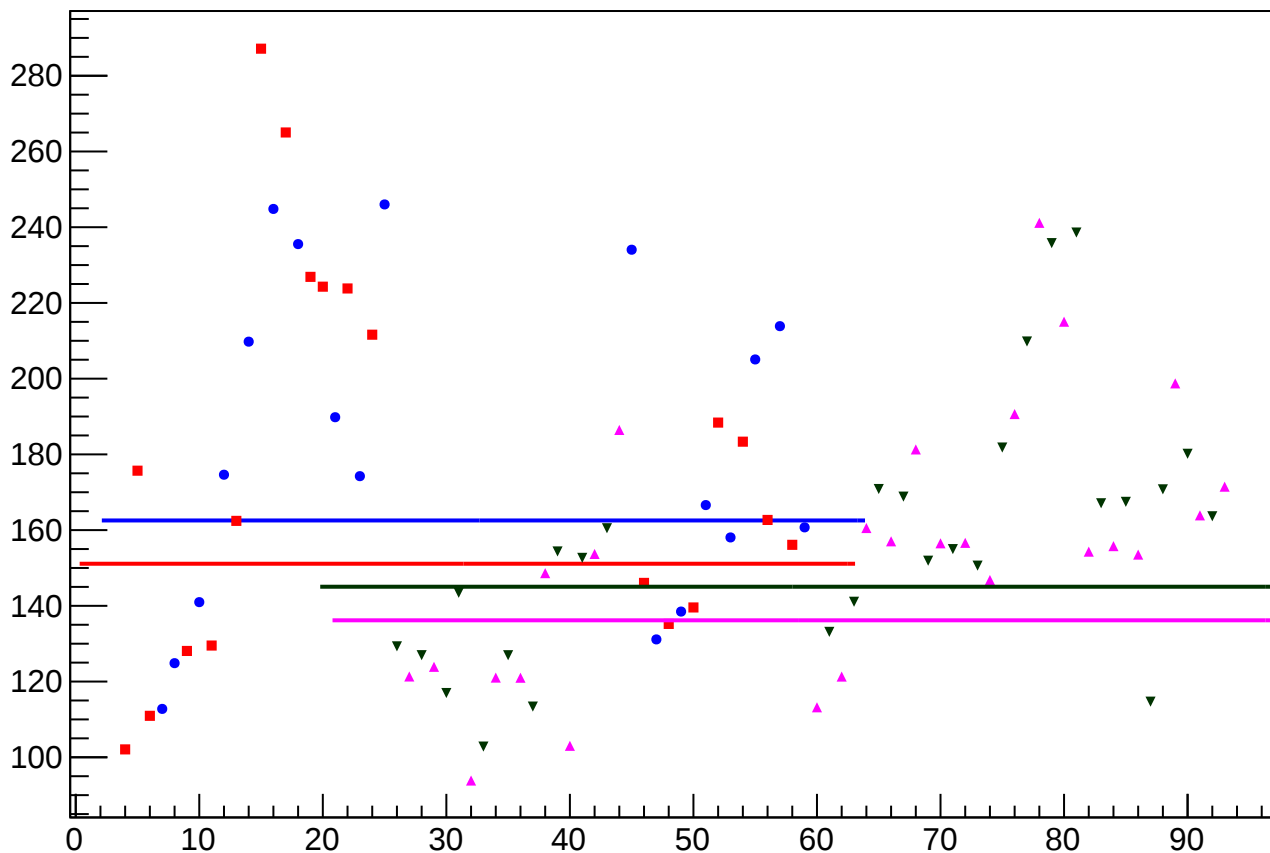
Right Out: 80.614 ± 50.242 $\chi^2/\text{NDF}: 5.2/18$

Left In: -33.207 ± 37.305 $\chi^2/\text{NDF}: 2.3/25$

33.076 ± 31.624 $\chi^2/\text{NDF}: 12.2/44$

7.244 ± 29.951 $\chi^2/\text{NDF}: 10.8/44$

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 145.046 $\pm$ 0.029 χ^2 /NDF:1012333.7/26

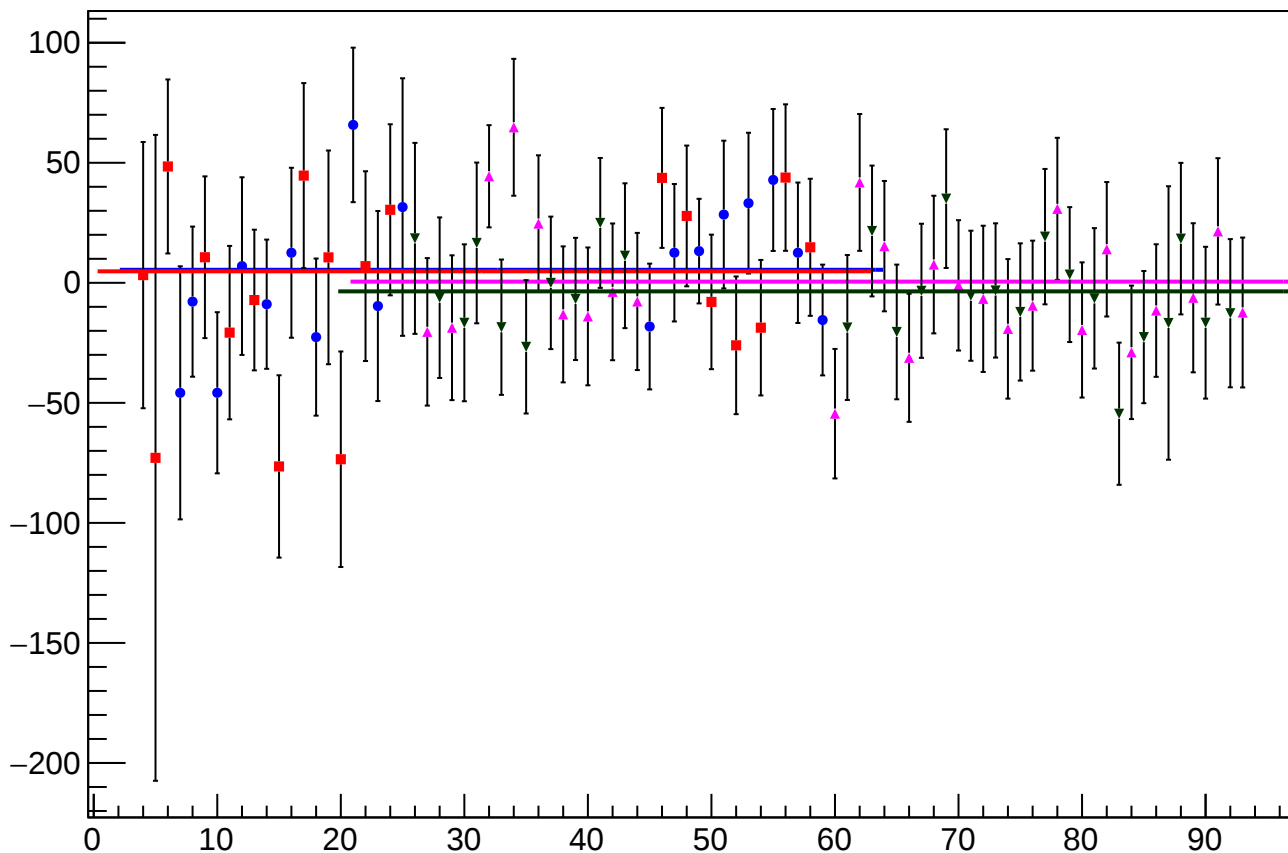
151.949 $\pm$ 0.022 χ^2 /NDF: 2247981.4/44

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

141.486 $\pm$ 0.021 χ^2 /NDF: 2844460.4/44

Left In: 136.177 $\pm$ 0.026 χ^2 /NDF:1424010.5/25

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: -3.565 ± 5.697 χ^2/NDF : 11.5/26

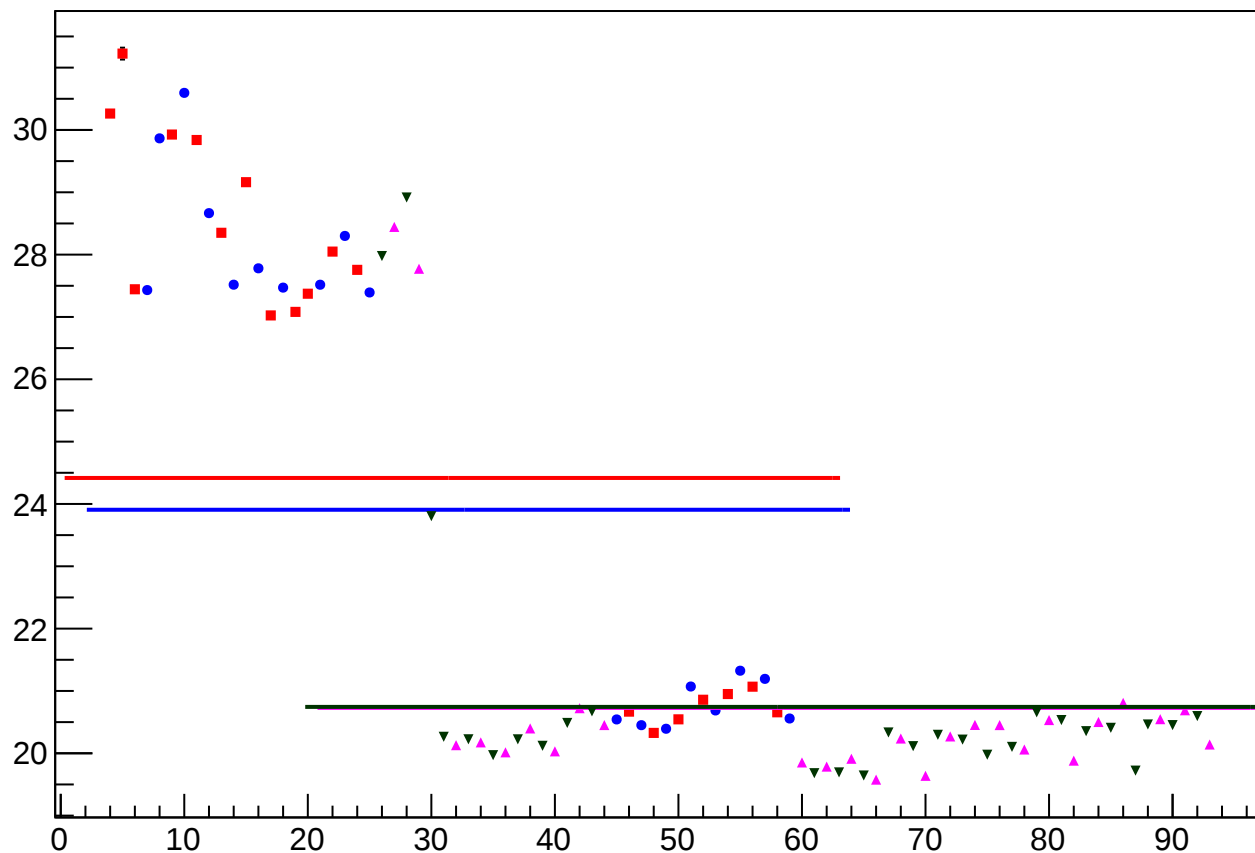
Right Out: 4.784 ± 7.872 χ^2/NDF : 17.9/18

Left In: 0.499 ± 5.527 χ^2/NDF : 24.0/25

-0.106 ± 4.469 χ^2/NDF : 25.8/44

1.914 ± 4.523 χ^2/NDF : 42.1/44

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: 20.744 $\pm$ 0.004 χ^2 /NDF:223331.5/26

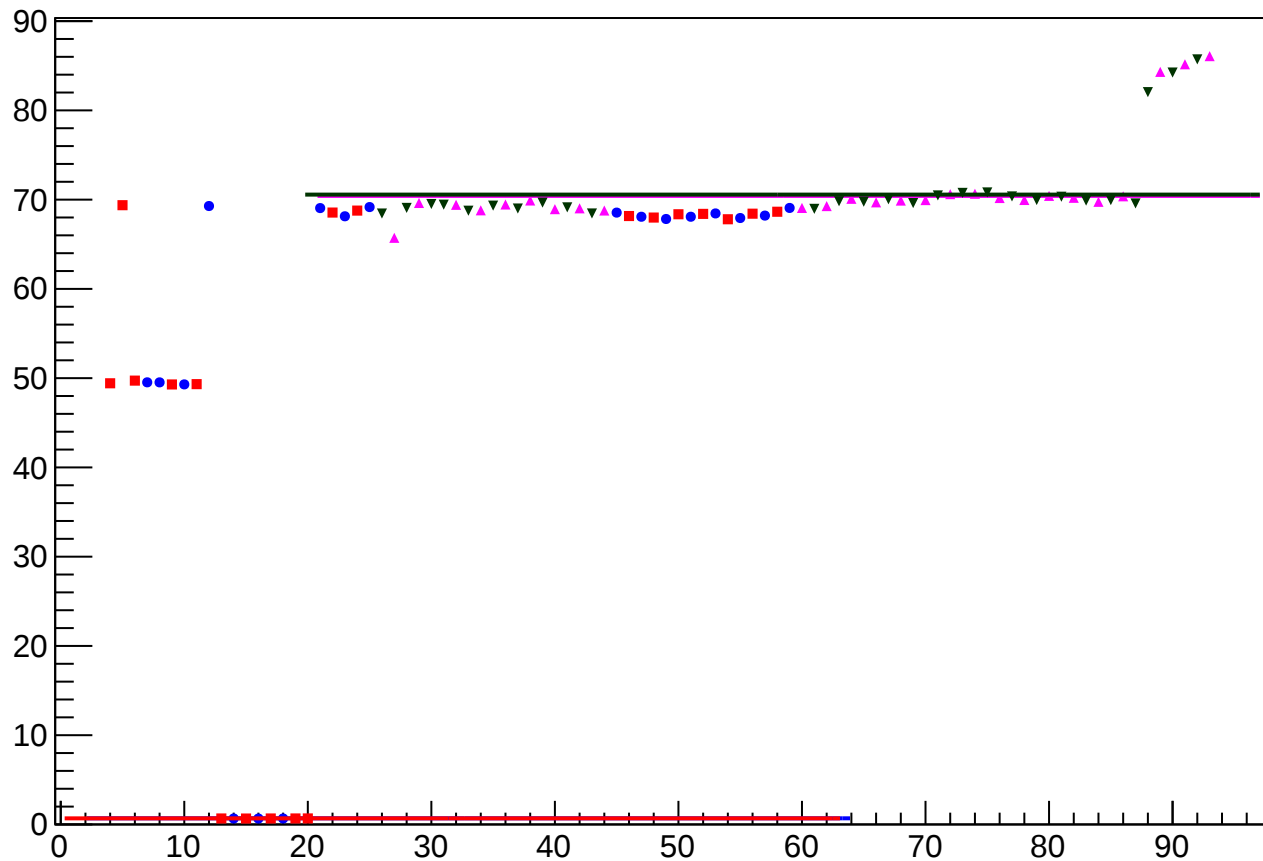
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 20.728 $\pm$ 0.004 χ^2 /NDF:258899.8/25

21.961 $\pm$ 0.003 χ^2 /NDF: 1026348.1/44

21.946 $\pm$ 0.003 χ^2 /NDF: 1049625.2/44

yield_bcm_an_ds_mean vs slug



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

Left Out: 70.564+/-0.000 χ^2/NDF : 4391502761.7/26

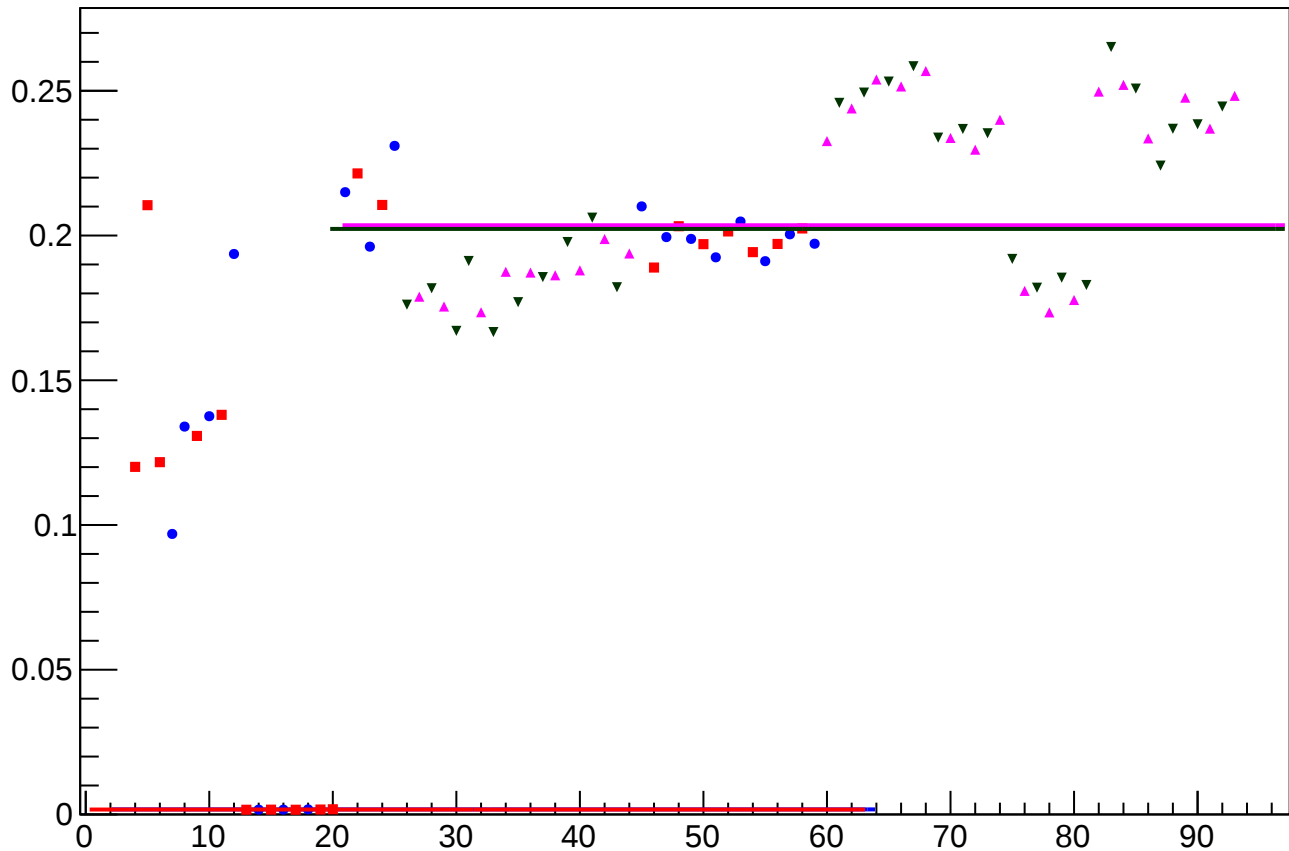
Right Out: 0.684+/-0.000 χ^2/NDF : 845851789818.6/18

Left In: 70.411+/-0.000 χ^2/NDF : 5588204942.8/25

0.714+/-0.000 χ^2/NDF : 2562383399264.8/44

0.707+/-0.000 χ^2/NDF : 2442774772619.4/44

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.202 $\pm$ 0.000 χ^2 /NDF: 577081.2/26

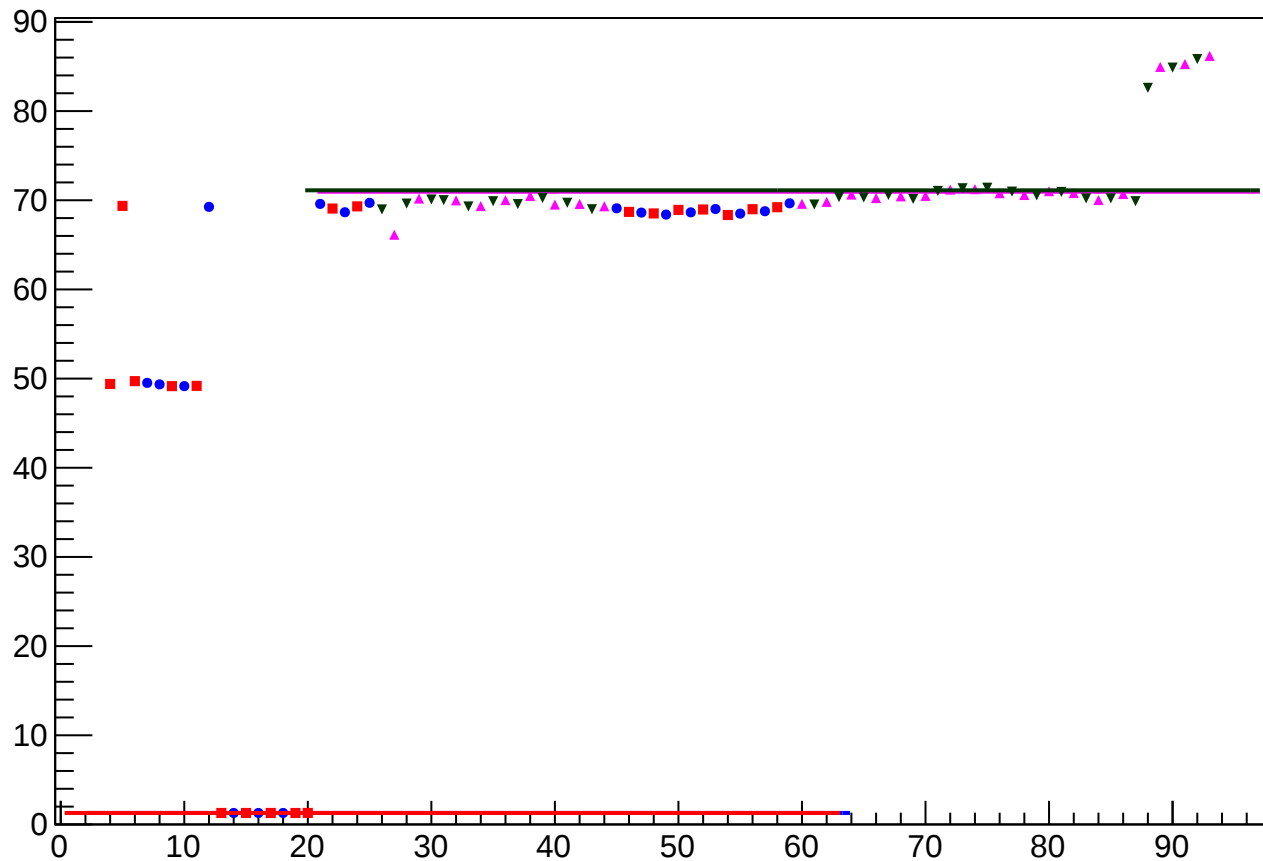
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 13510450.3/18

Left In: 0.204 $\pm$ 0.000 χ^2 /NDF: 604395.5/25

0.002 $\pm$ 0.000 χ^2 /NDF: 42529939.1/44

0.002 $\pm$ 0.000 χ^2 /NDF: 40785200.7/44

yield_bcm_an_ds3_mean vs slug



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

Left Out: 71.114+/-0.000 χ^2/NDF : 4150204291.7/26

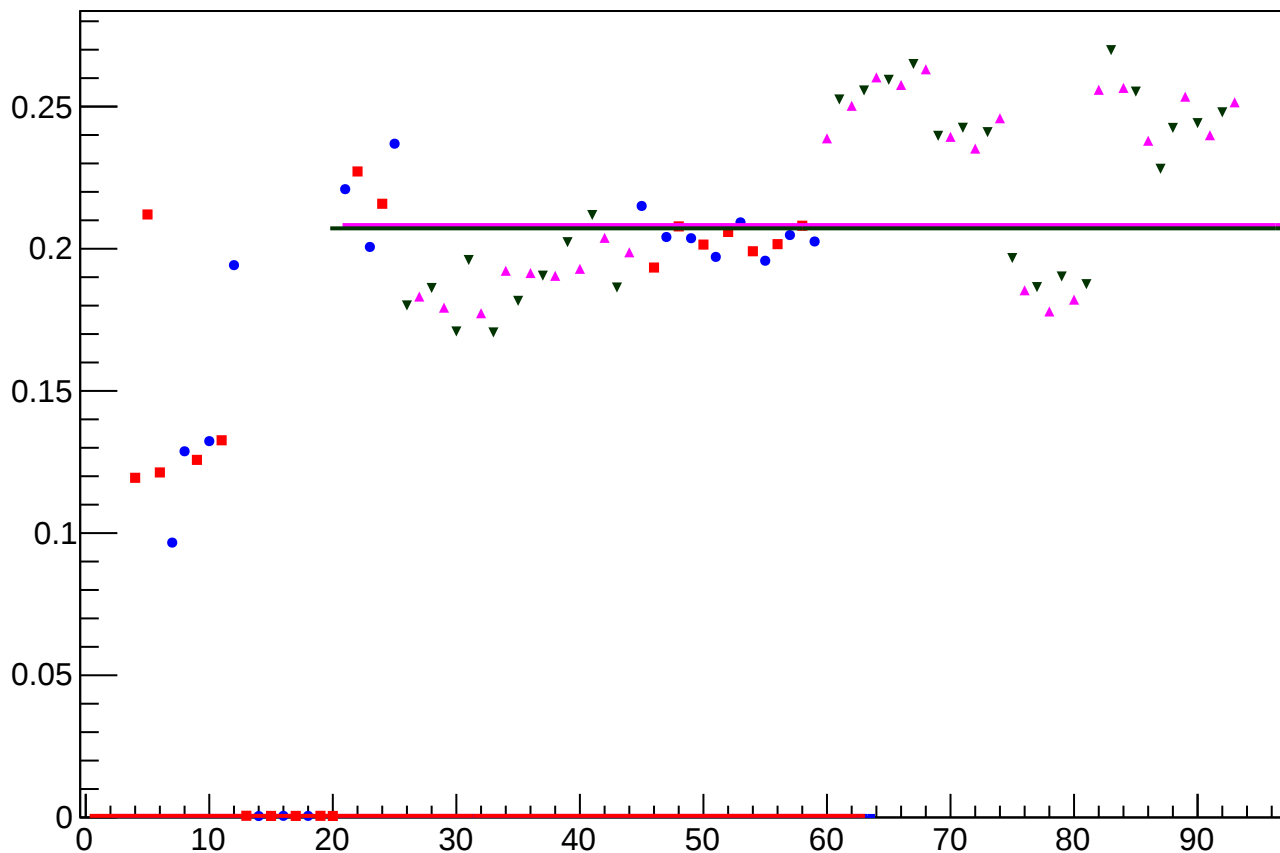
1.293+/-0.000 χ^2/NDF : 2462822220034.8/44

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

1.293+/-0.000 χ^2/NDF : 2349005606033.4/44

Left In: 70.953+/-0.000 χ^2/NDF : 5262633554.9/25

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.207+/-0.000 χ^2/NDF : 571377.7/26

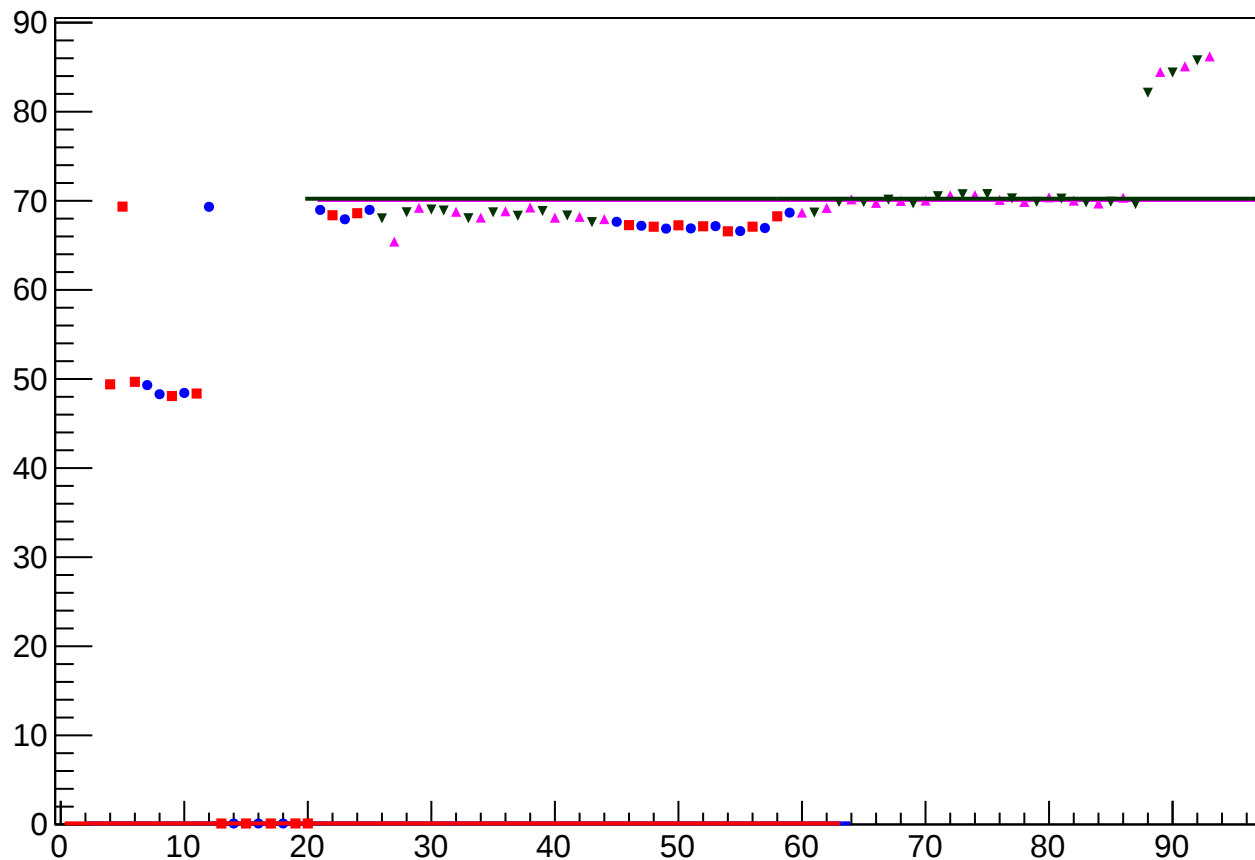
Right Out: 0.001+/-0.000 χ^2/NDF : 13695888.0/18

Left In: 0.208+/-0.000 χ^2/NDF : 599374.5/25

0.001+/-0.000 χ^2/NDF : 43089344.8/44

0.001+/-0.000 χ^2/NDF : 41281611.3/44

yield_bcm_an_us_mean vs slug



Right In: 0.126 $\pm$ 0.000 χ^2 /NDF: 1070197088852.4/17

Left Out: 70.234 $\pm$ 0.000 χ^2 /NDF:4764977562.2/26

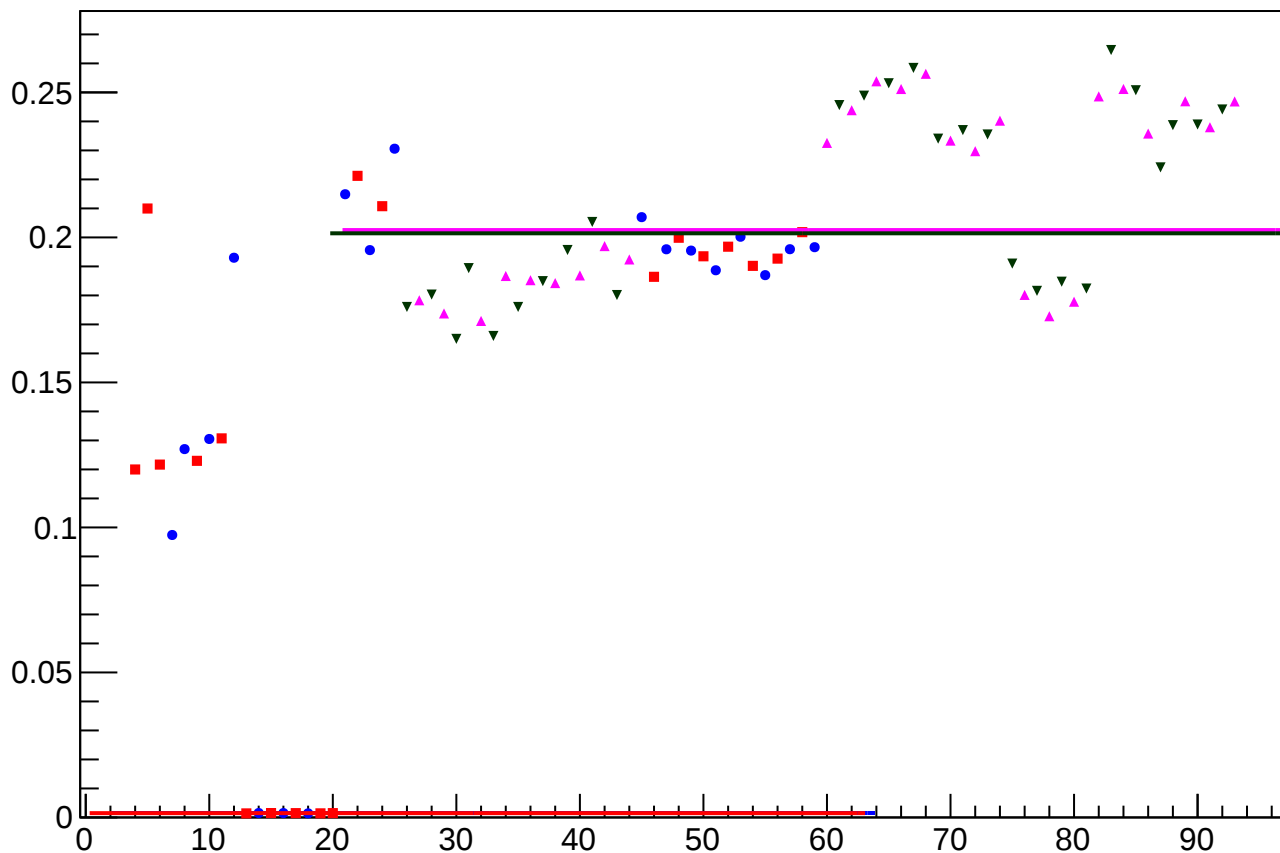
Right Out: 0.122 $\pm$ 0.000 χ^2 /NDF: 876428994690.6/18

Left In: 70.087 $\pm$ 0.000 χ^2 /NDF:5975620633.0/25

0.147 $\pm$ 0.000 χ^2 /NDF: 2617077609837.6/44

0.140 $\pm$ 0.000 χ^2 /NDF: 2499168783080.0/44

yield_bcm_an_us_rms vs slug



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

Left Out: 0.201 $\pm$ 0.000 χ^2 /NDF: 597966.7/26

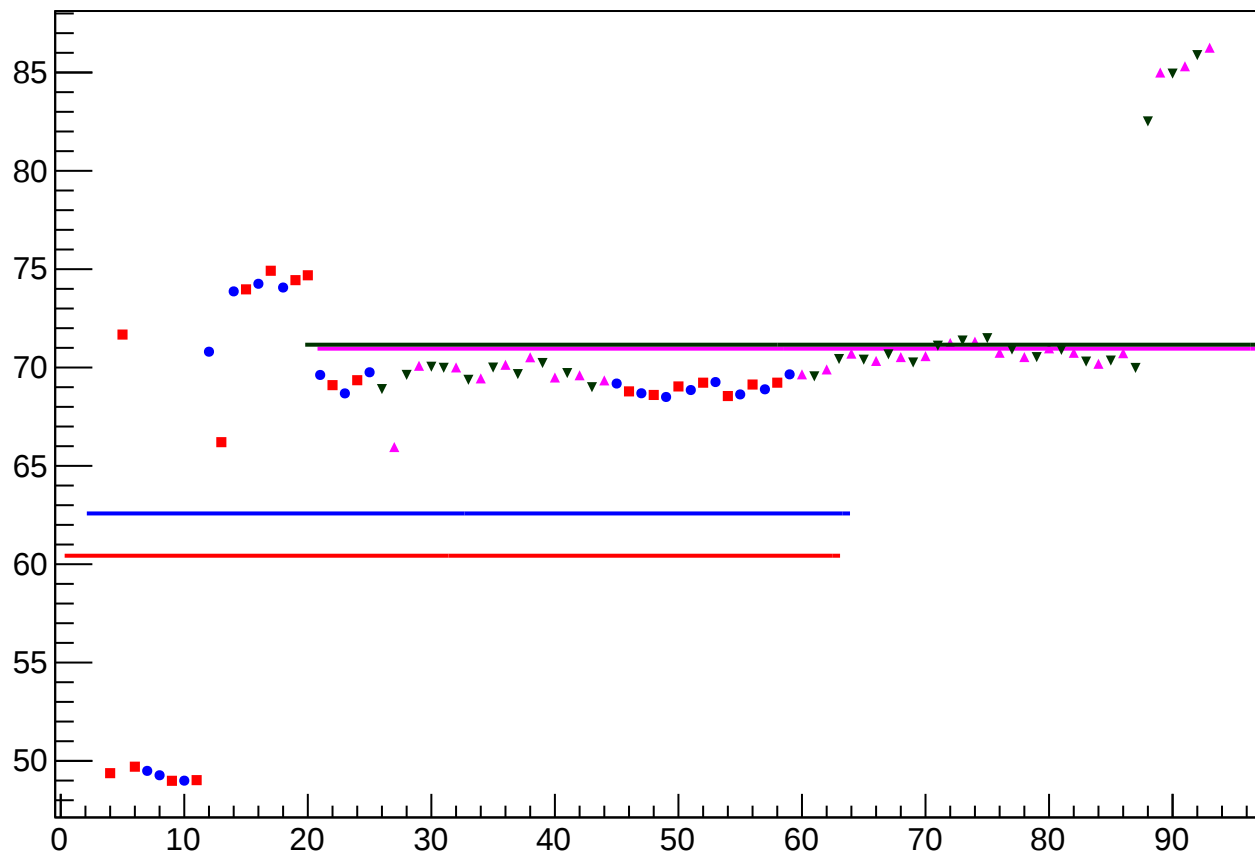
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 13535654.6/18

Left In: 0.203 $\pm$ 0.000 χ^2 /NDF: 629021.6/25

0.002 $\pm$ 0.000 χ^2 /NDF: 42591099.6/44

0.002 $\pm$ 0.000 χ^2 /NDF: 40864968.4/44

yield_bcm_dg_us_mean vs slug



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

Left Out: 71.160+/-0.000 χ^2/NDF : 4066395510.5/26

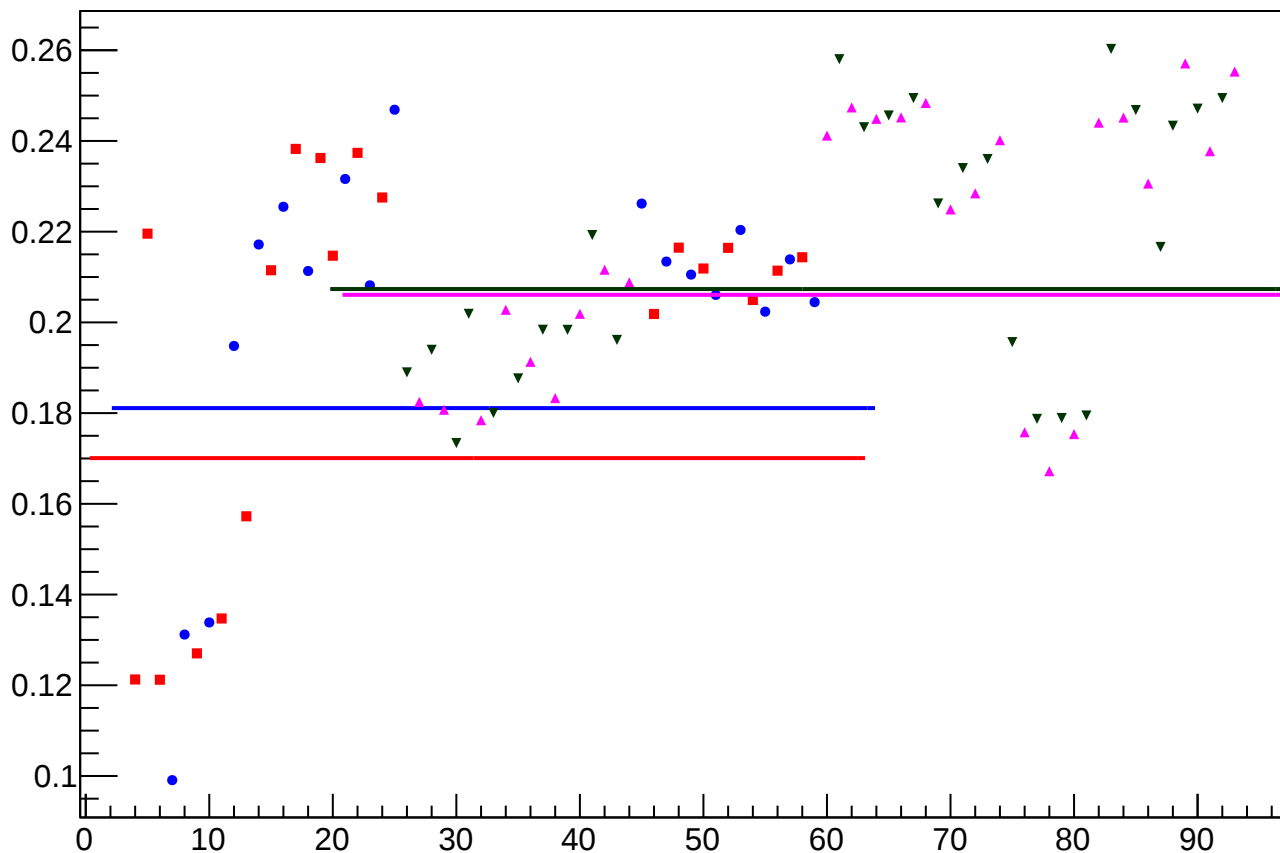
Right Out: 60.432+/-0.000 χ^2/NDF : 32977972131.8/18

Left In: 70.958+/-0.000 χ^2/NDF : 5264364742.5/25

66.760+/-0.000 χ^2/NDF : 49000783389.5/44

65.805+/-0.000 χ^2/NDF : 55566773698.3/44

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.207+/-0.000 χ^2/NDF : 453755.5/26

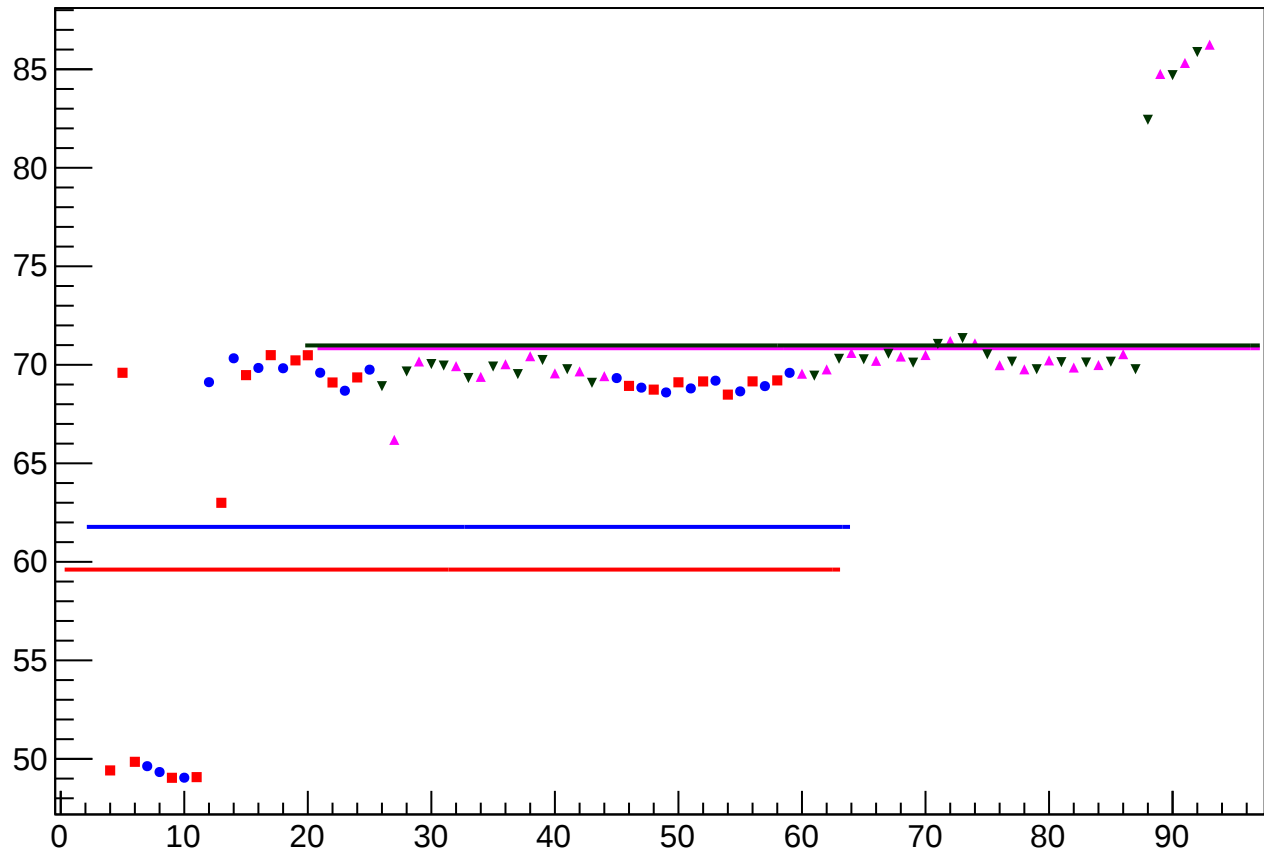
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.206+/-0.000 χ^2/NDF : 547596.3/25

0.194+/-0.000 χ^2/NDF : 1880586.9/44

0.188+/-0.000 χ^2/NDF : 2136375.0/44

yield_bcm_dg_ds_mean vs slug



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

Left Out: 70.983+/-0.000 χ^2/NDF : 4352399524.7/26

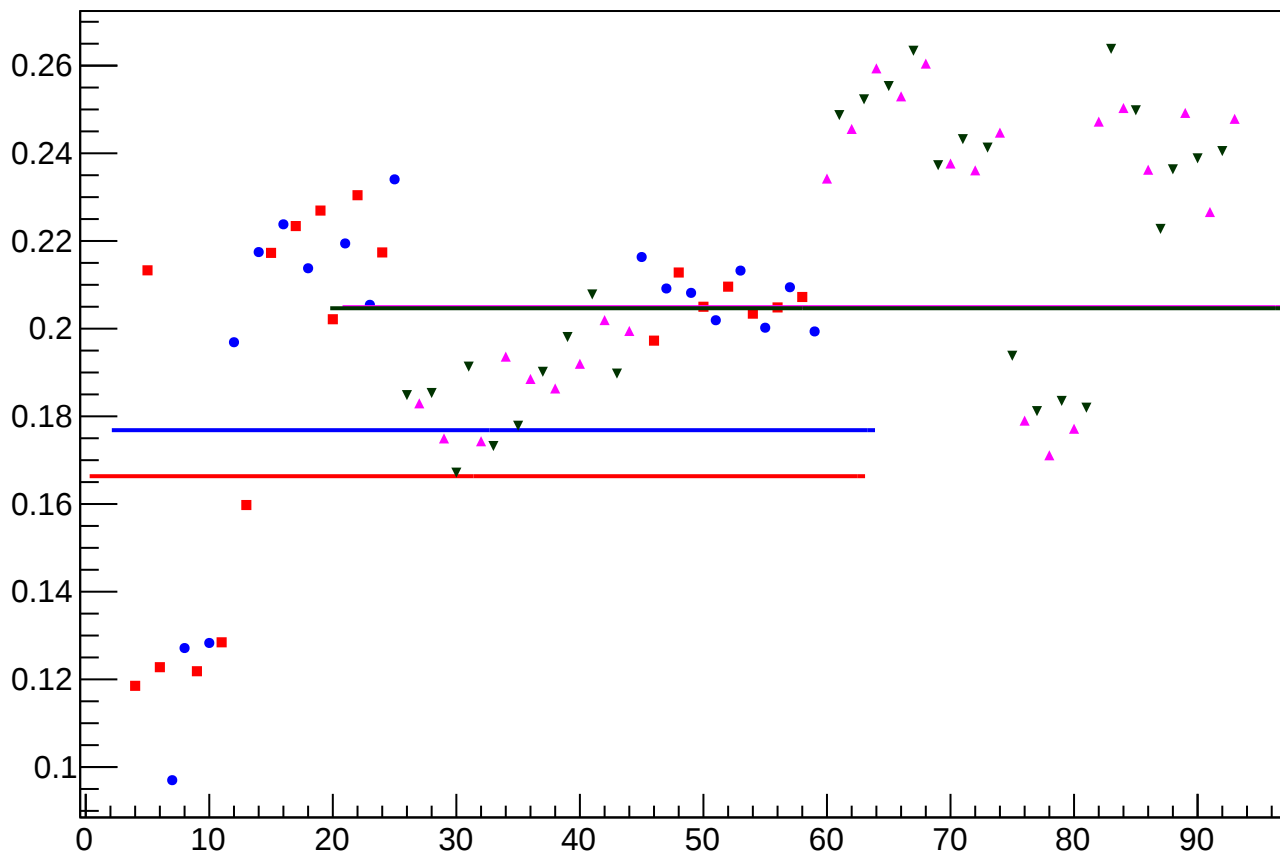
Right Out: 59.608+/-0.000 χ^2/NDF : 29547406430.8/18

Left In: 70.841+/-0.000 χ^2/NDF : 5574098954.7/25

66.206+/-0.000 χ^2/NDF : 48731764202.2/44

65.245+/-0.000 χ^2/NDF : 55420155261.8/44

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.205+/-0.000 χ^2/NDF : 555729.8/26

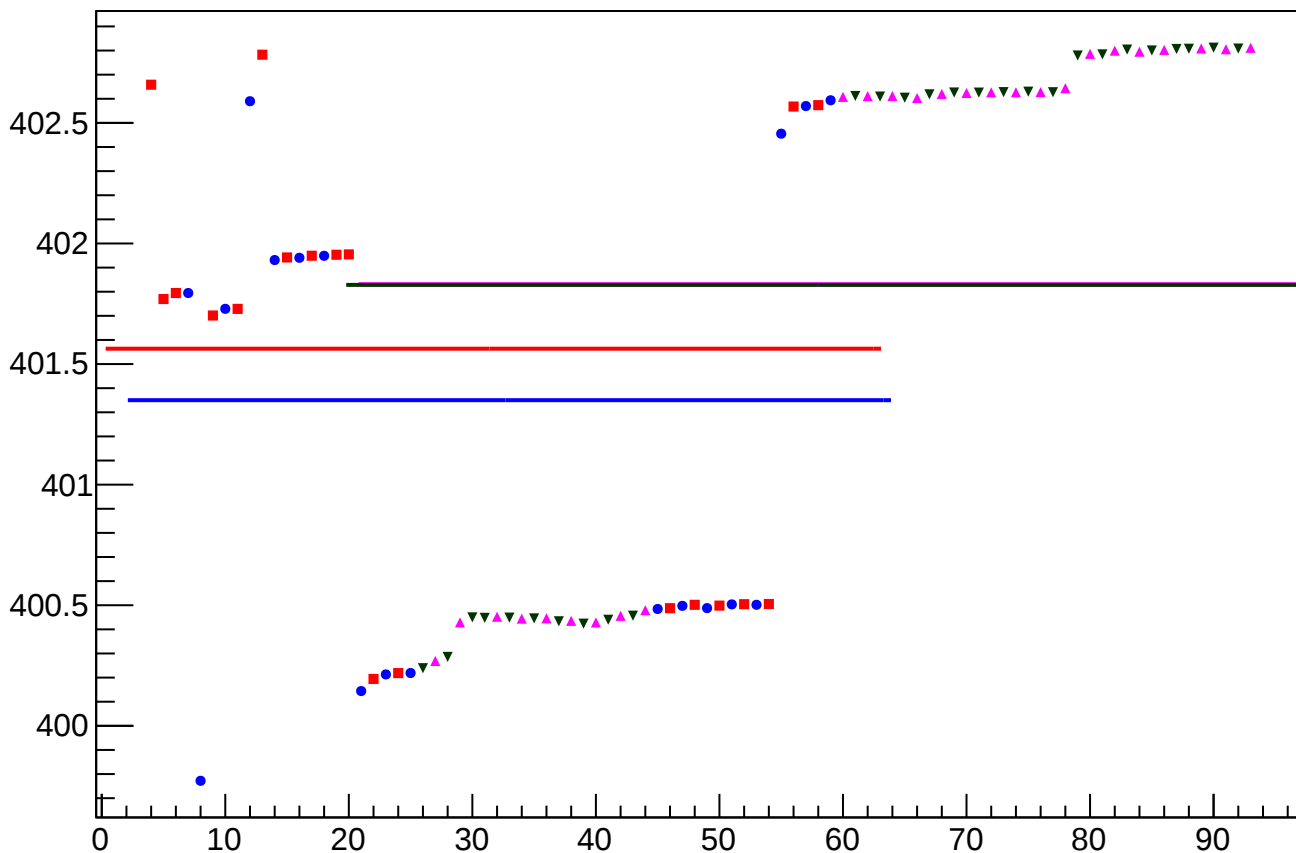
Right Out: 0.166+/-0.000 χ^2/NDF : 1156468.8/18

Left In: 0.205+/-0.000 χ^2/NDF : 611938.5/25

0.190+/-0.000 χ^2/NDF : 2077040.8/44

0.186+/-0.000 χ^2/NDF : 2246946.0/44

yield_cav4bQ_mean vs slug



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

Left Out: 401.828+/-0.000 χ^2/NDF : 380594128901.7/26

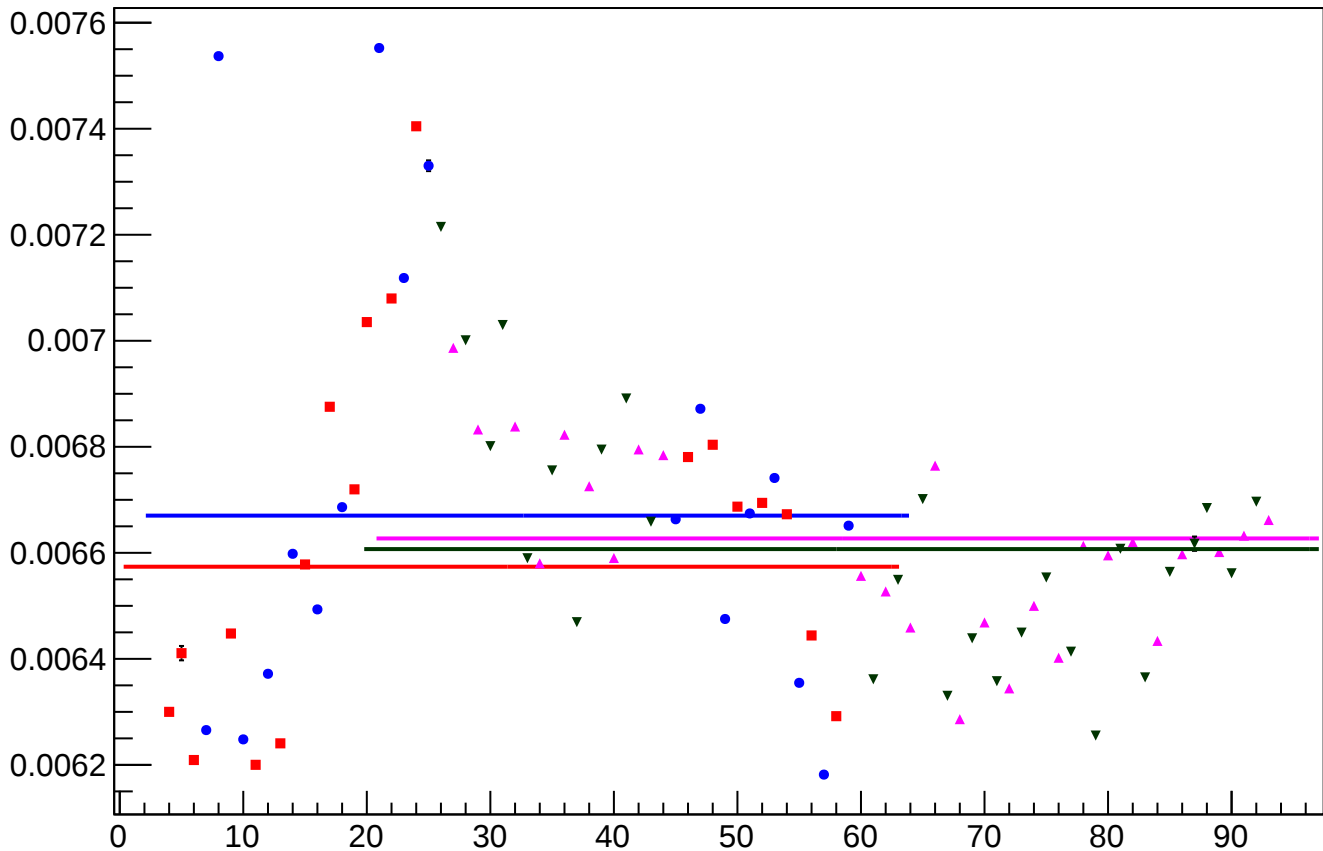
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 401.831+/-0.000 χ^2/NDF : 394187256544.9/25

401.613+/-0.000 χ^2/NDF : 647257640078.7/44

401.720+/-0.000 χ^2/NDF : 587789016547.8/44

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 :31939.1/26

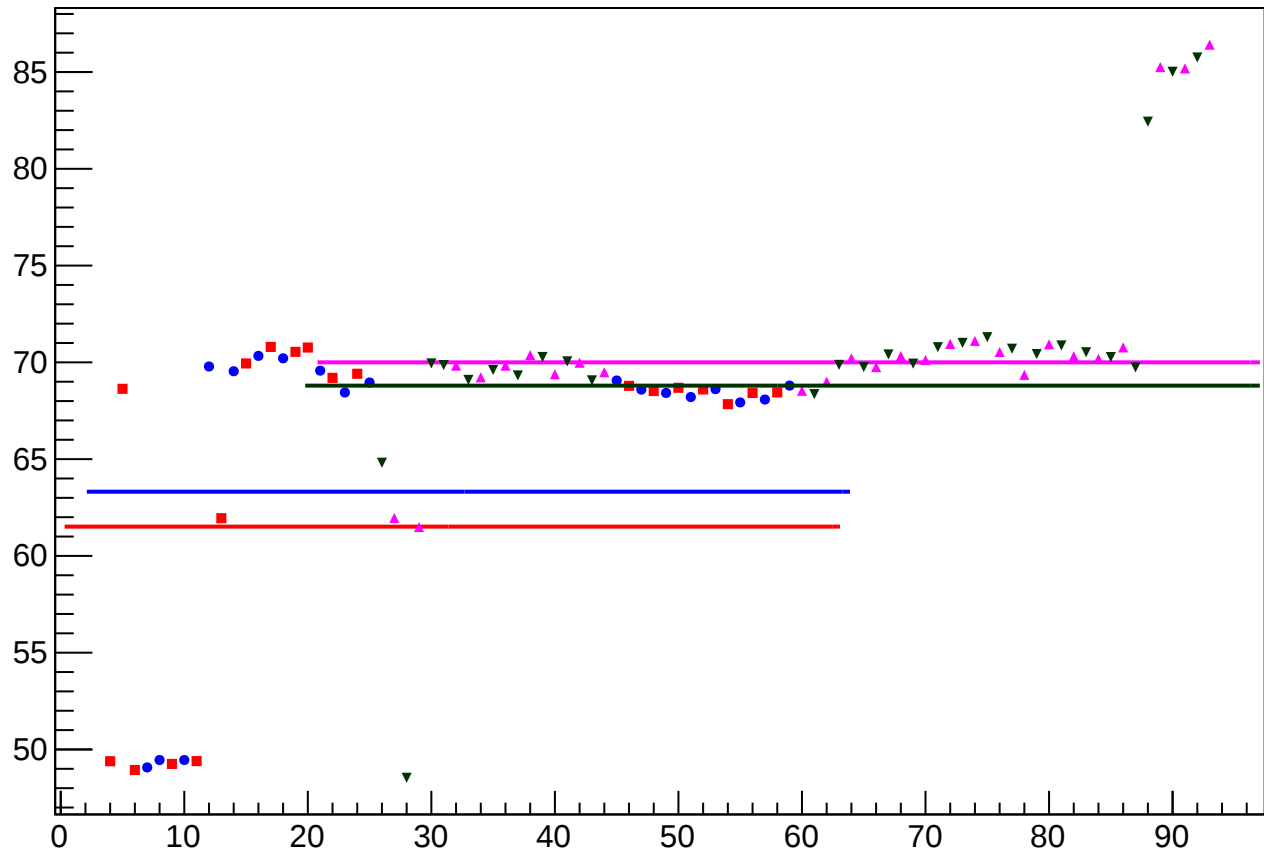
0.007+/-0.000 χ^2/NDF : 109722.7/44

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

0.007+/-0.000 χ^2/NDF : 68250.9/44

Left In: 0.007+/-0.000 χ^2/NDF :19803.9/25

yield_cav4cQ_mean vs slug



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

Left Out: 68.797+/-0.000 χ^2/NDF : 16060074614.3/26

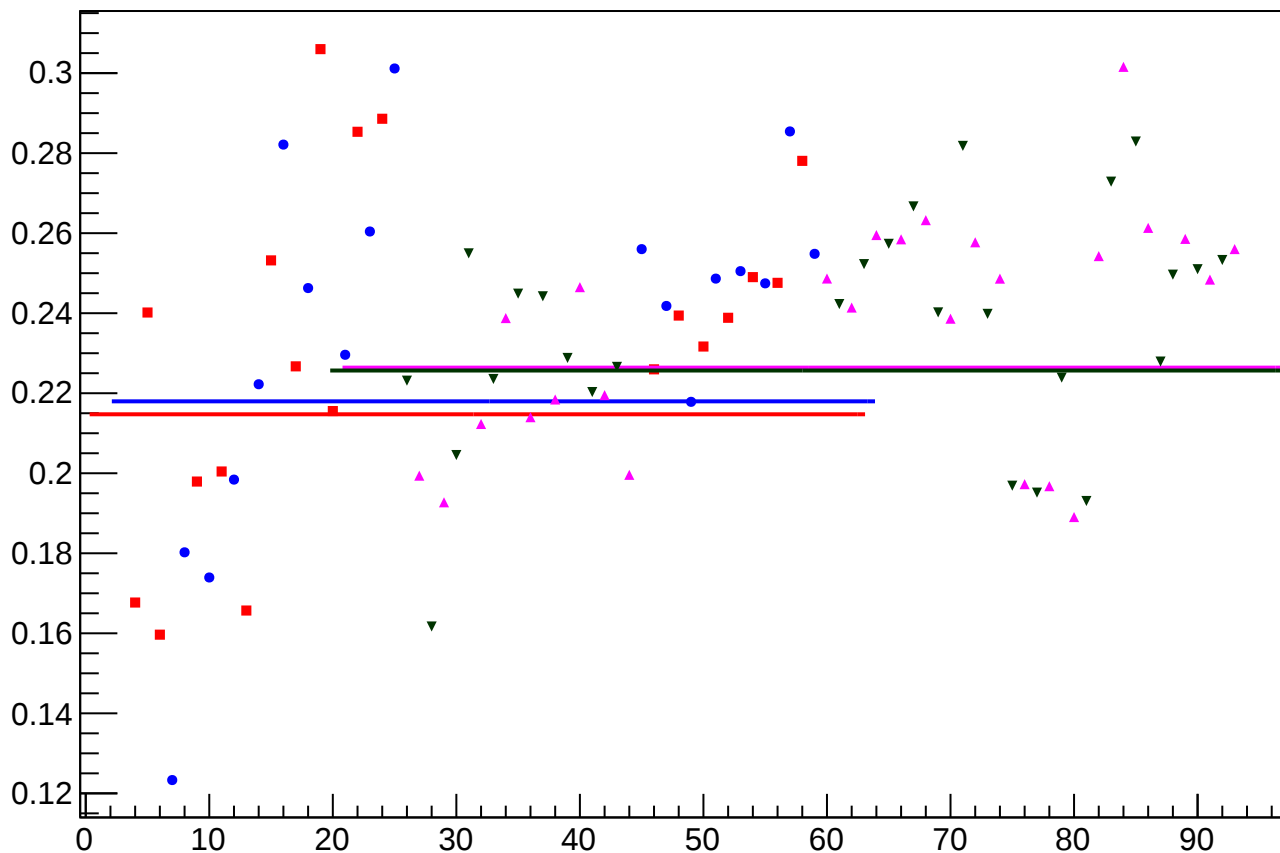
Right Out: 61.513+/-0.000 χ^2/NDF : 15349624825.1/18

Left In: 70.001+/-0.000 χ^2/NDF : 7622312131.0/25

66.249+/-0.000 χ^2/NDF : 36504695723.3/44

66.439+/-0.000 χ^2/NDF : 30760310394.3/44

yield_cav4cQ_rms vs slug



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

Left Out: 0.226 $\pm$ 0.000 χ^2 /NDF:517242.0/26

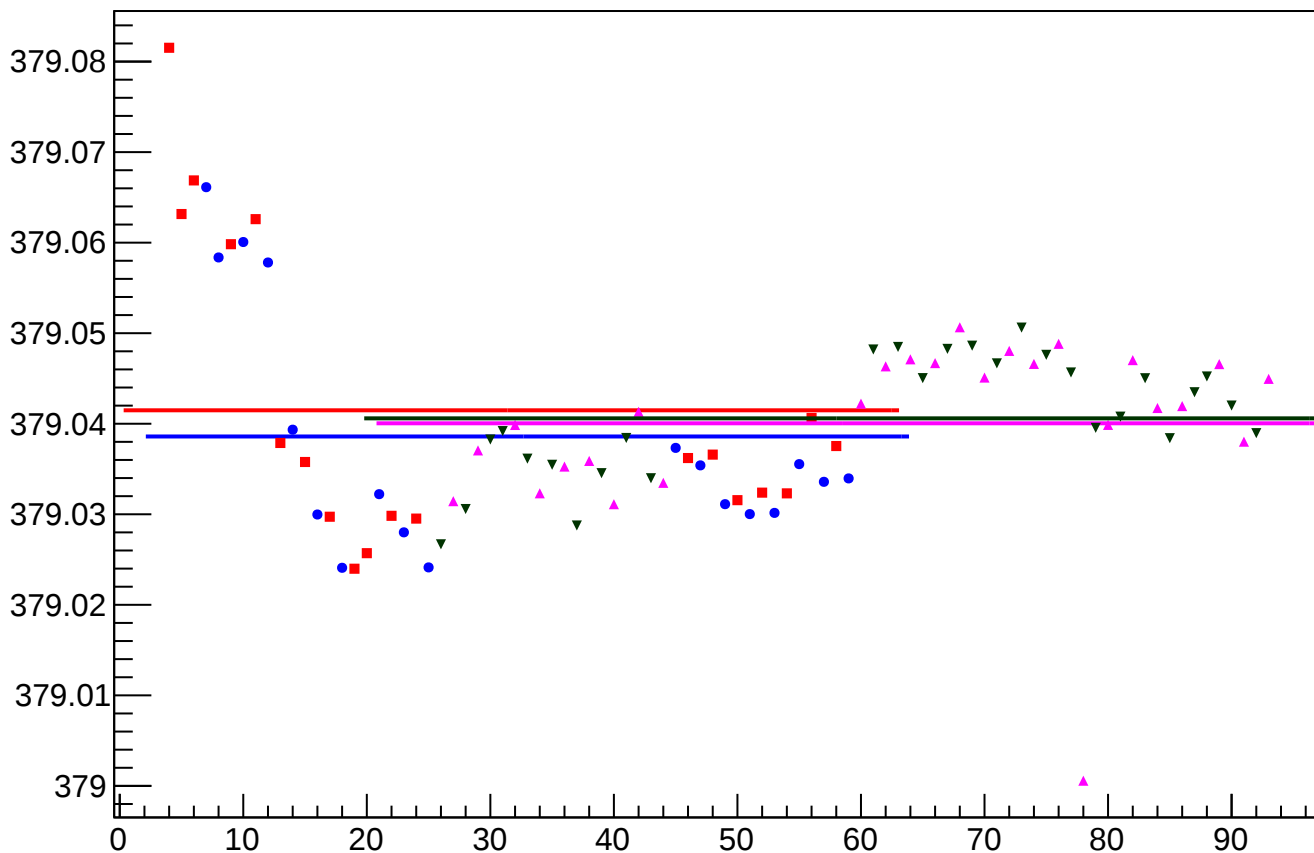
Right Out: 0.215 $\pm$ 0.000 χ^2 /NDF: 631176.3/18

Left In: 0.226 $\pm$ 0.000 χ^2 /NDF:409105.7/25

0.222 $\pm$ 0.000 χ^2 /NDF: 1265302.0/44

0.222 $\pm$ 0.000 χ^2 /NDF: 1069682.8/44

yield_cav4dQ_mean vs slug



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

Left Out: 379.041 $\pm$ 0.000 χ^2 /NDF:12449090.0/26

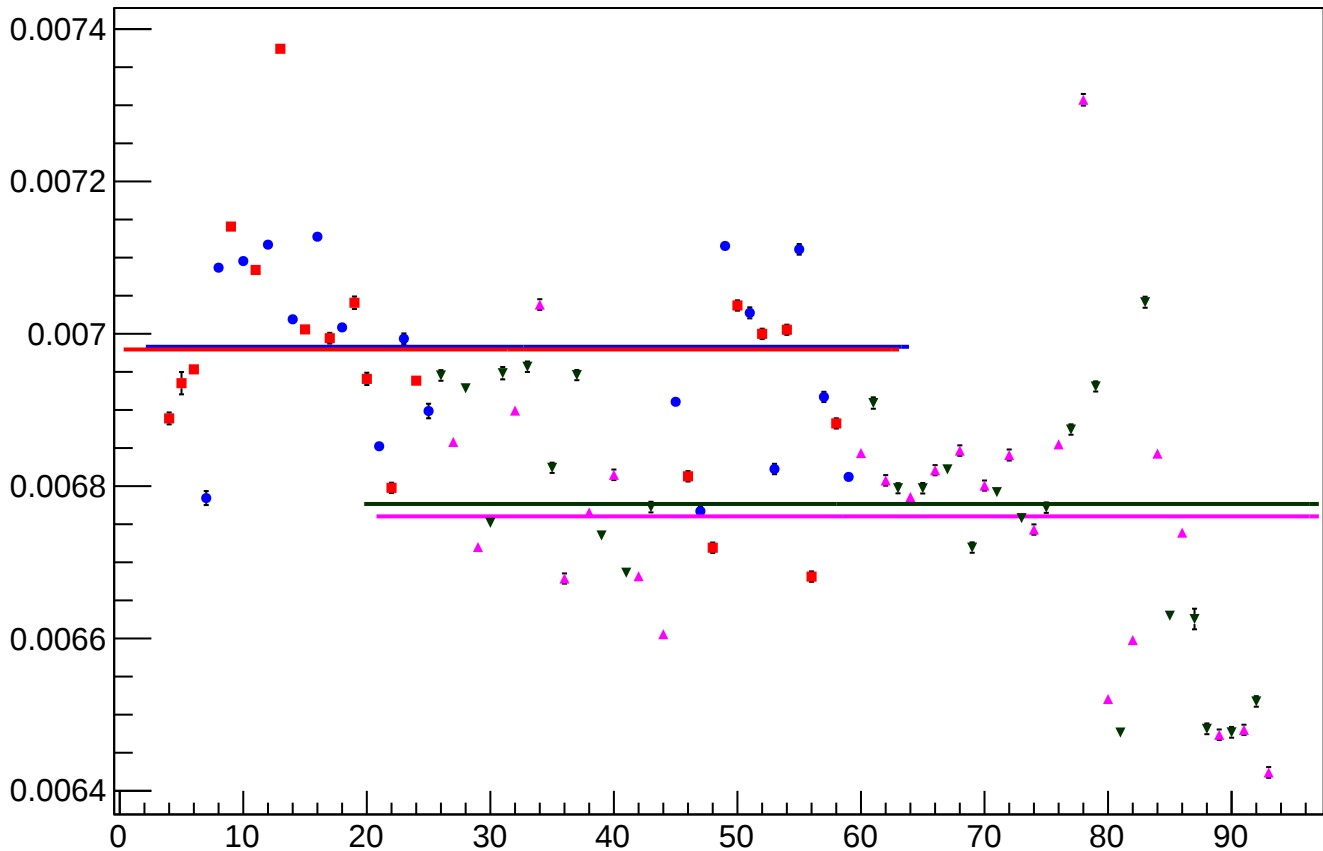
Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

Left In: 379.040 $\pm$ 0.000 χ^2 /NDF:23730862.6/25

379.040 $\pm$ 0.000 χ^2 /NDF: 46742580.3/44

379.041 $\pm$ 0.000 χ^2 /NDF: 70266541.5/44

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 :13672.8/26

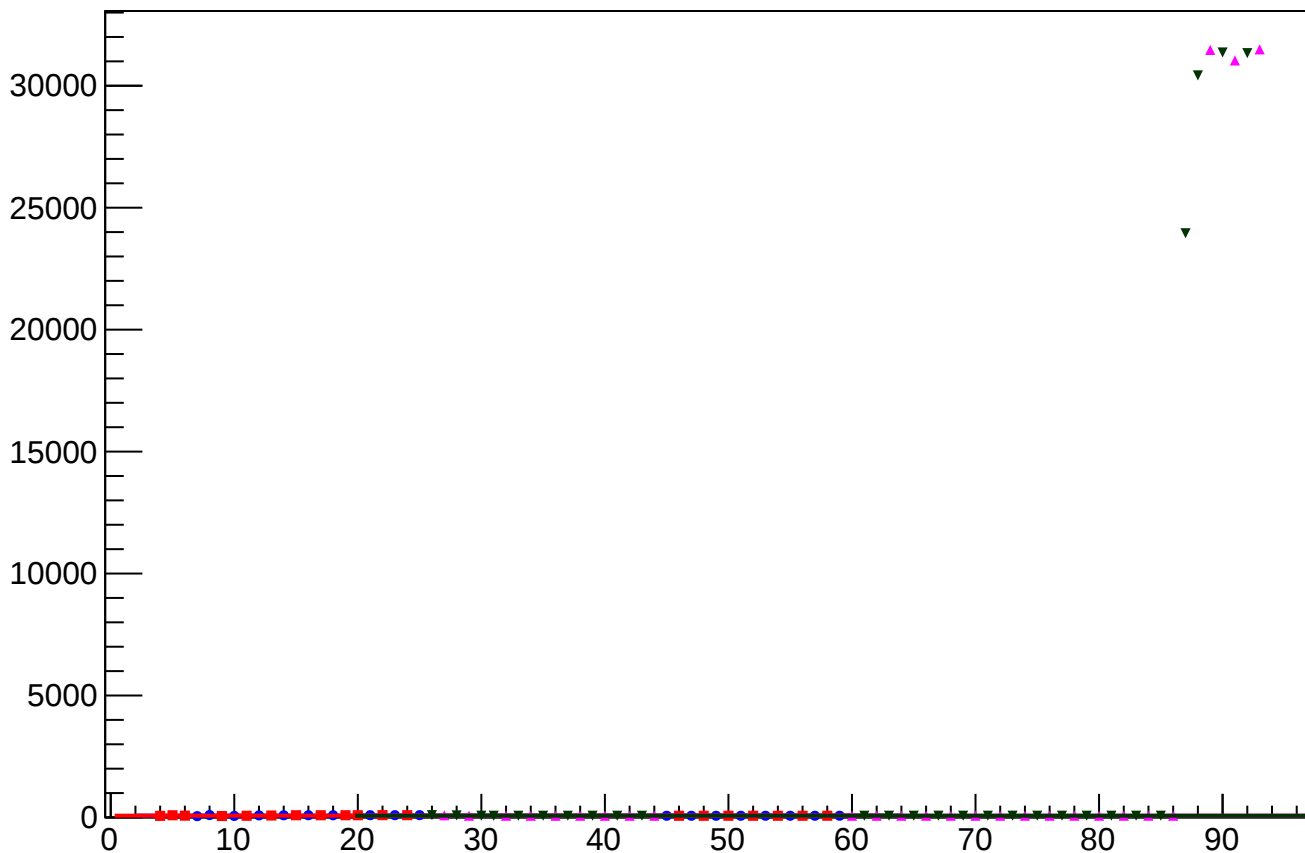
0.007+/-0.000 χ^2/NDF : 31363.4/44

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

0.007+/-0.000 χ^2/NDF : 41169.8/44

Left In: 0.007+/-0.000 χ^2/NDF :17545.1/25

yield_bcm0l02_mean vs slug



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

Left Out: 72.462+/-0.000 χ^2/NDF :53021619429.1/26

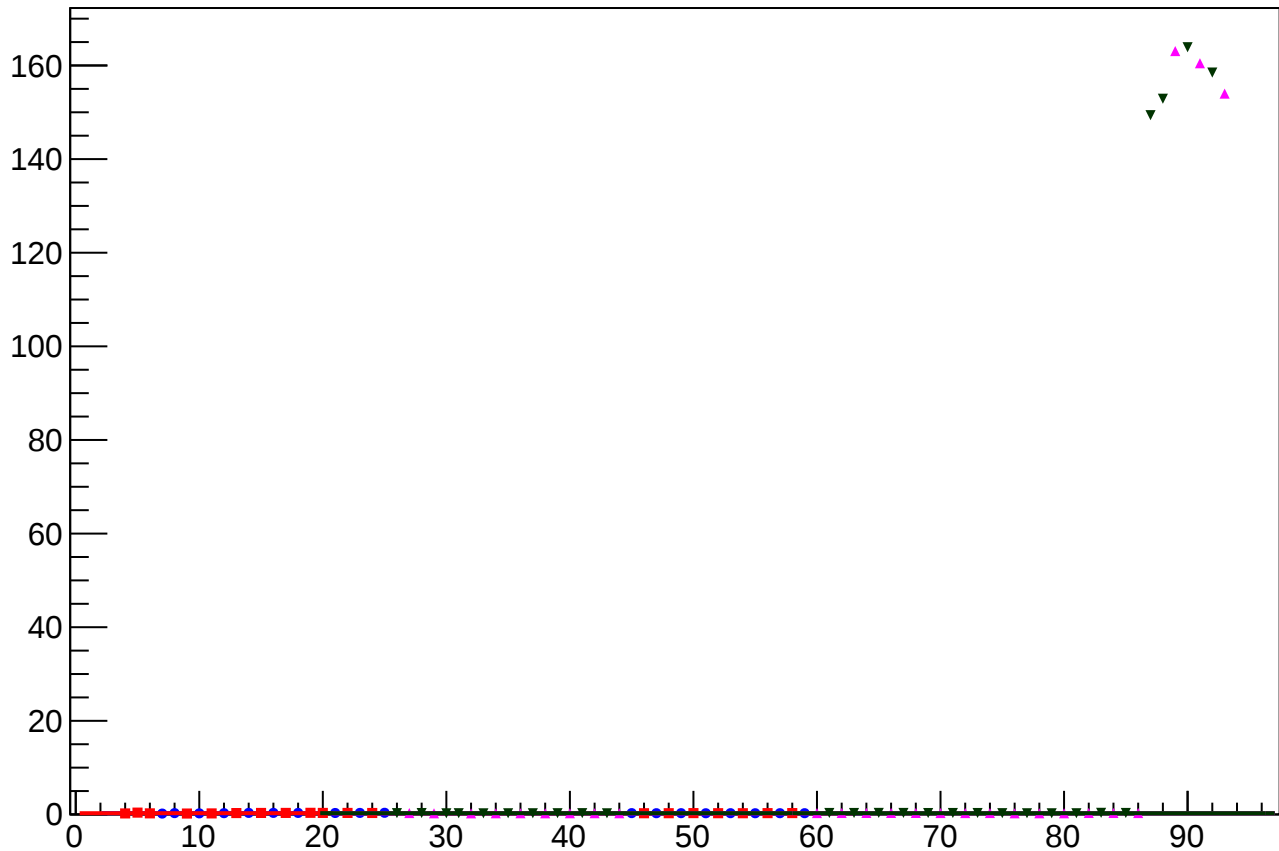
Right Out: 73.439+/-0.000 χ^2/NDF : 14741427319.0/18

Left In: 72.083+/-0.000 χ^2/NDF :52074861572.8/25

74.173+/-0.000 χ^2/NDF : 74709866267.1/44

72.682+/-0.000 χ^2/NDF : 66944148812.3/44

yield_bcm0l02_rms vs slug



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

Left Out: 0.276+/-0.000 χ^2/NDF :2917712.5/26

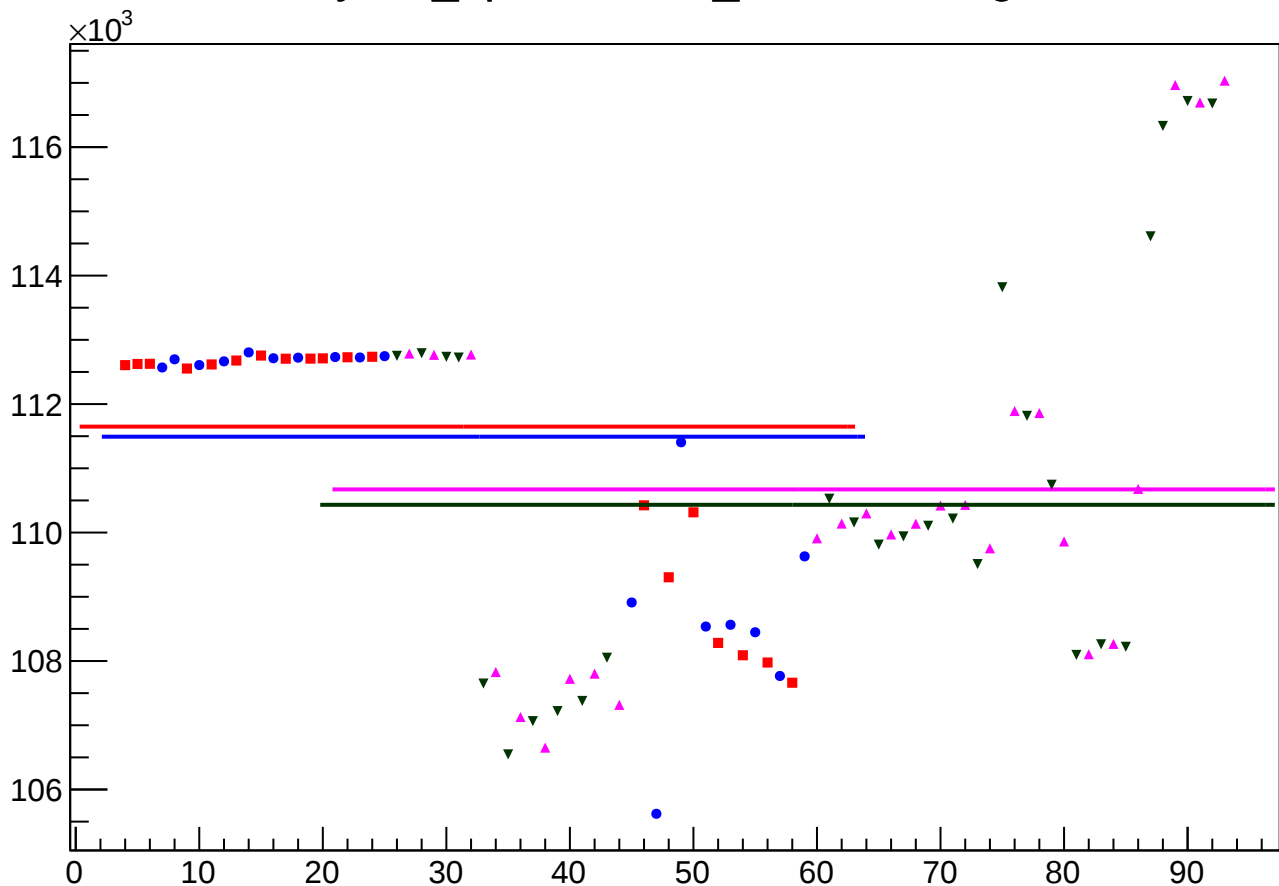
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.275+/-0.000 χ^2/NDF :2814516.3/25

0.277+/-0.000 χ^2/NDF : 3288314.3/44

0.271+/-0.000 χ^2/NDF : 3331275.6/44

yield_bpm2i01WS_mean vs slug



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

Left Out: 110432.004 $\pm$ 0.037 χ^2 /NDF: 5938396313.9/26

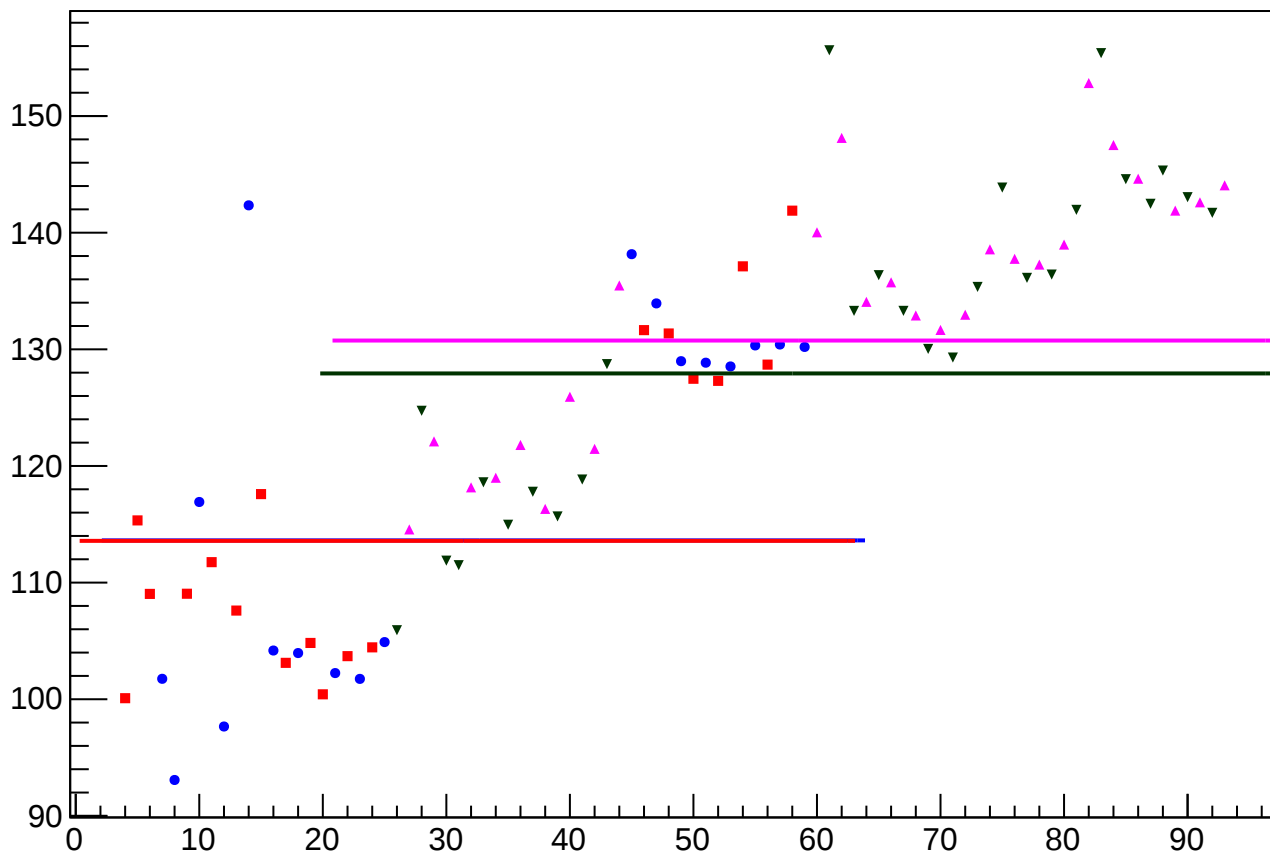
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110671.564 $\pm$ 0.036 χ^2 /NDF: 5610357366.9/25

110986.913 $\pm$ 0.025 χ^2 /NDF: 9548808987.2/44

111144.322 $\pm$ 0.026 χ^2 /NDF: 8264696809.4/44

yield_bpm2i01WS_rms vs slug



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

Left Out: 127.933 $\pm$ 0.026 χ^2 /NDF: 249093.5/26

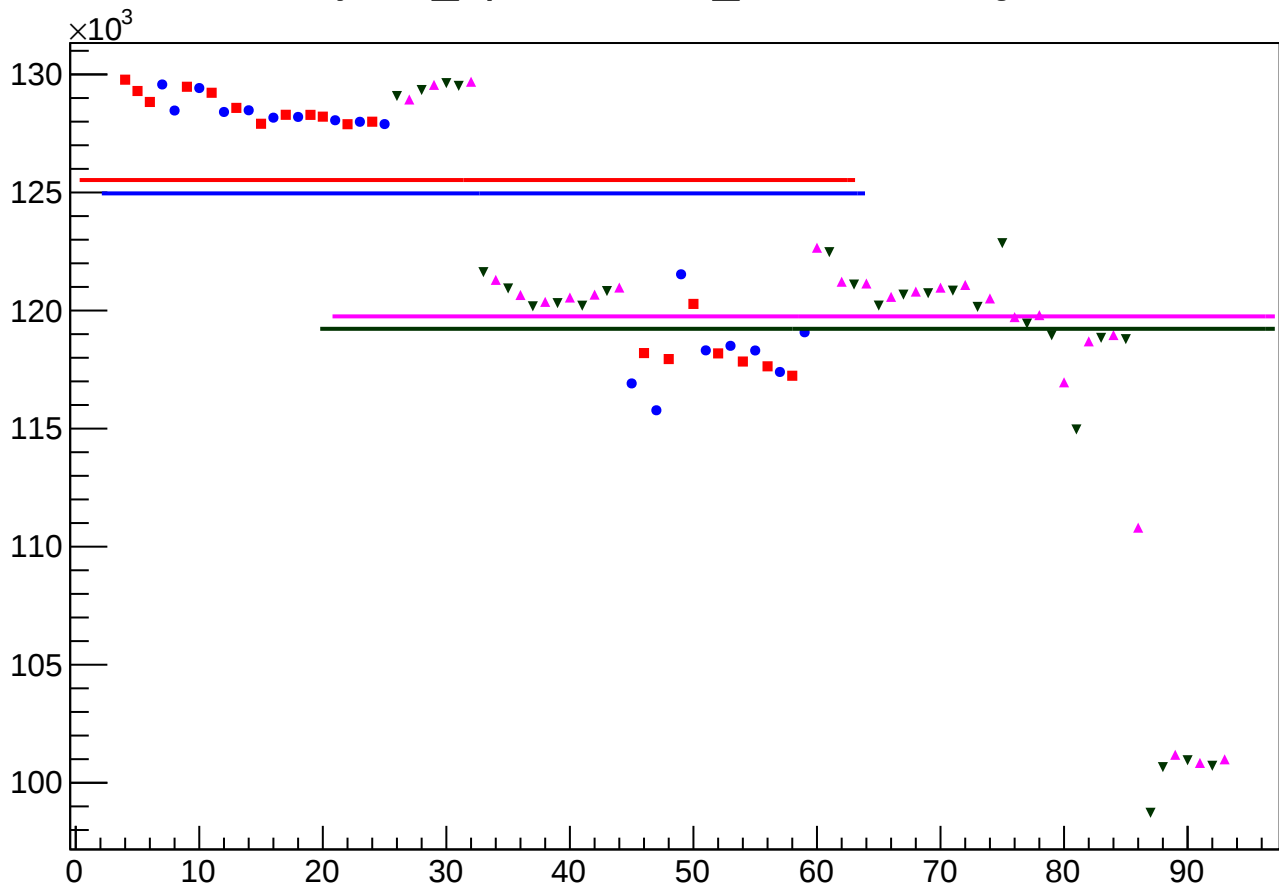
Right Out: 113.579 $\pm$ 0.026 χ^2 /NDF: 206805.2/18

Left In: 130.754 $\pm$ 0.025 χ^2 /NDF: 184098.7/25

120.441 $\pm$ 0.018 χ^2 /NDF: 831384.9/44

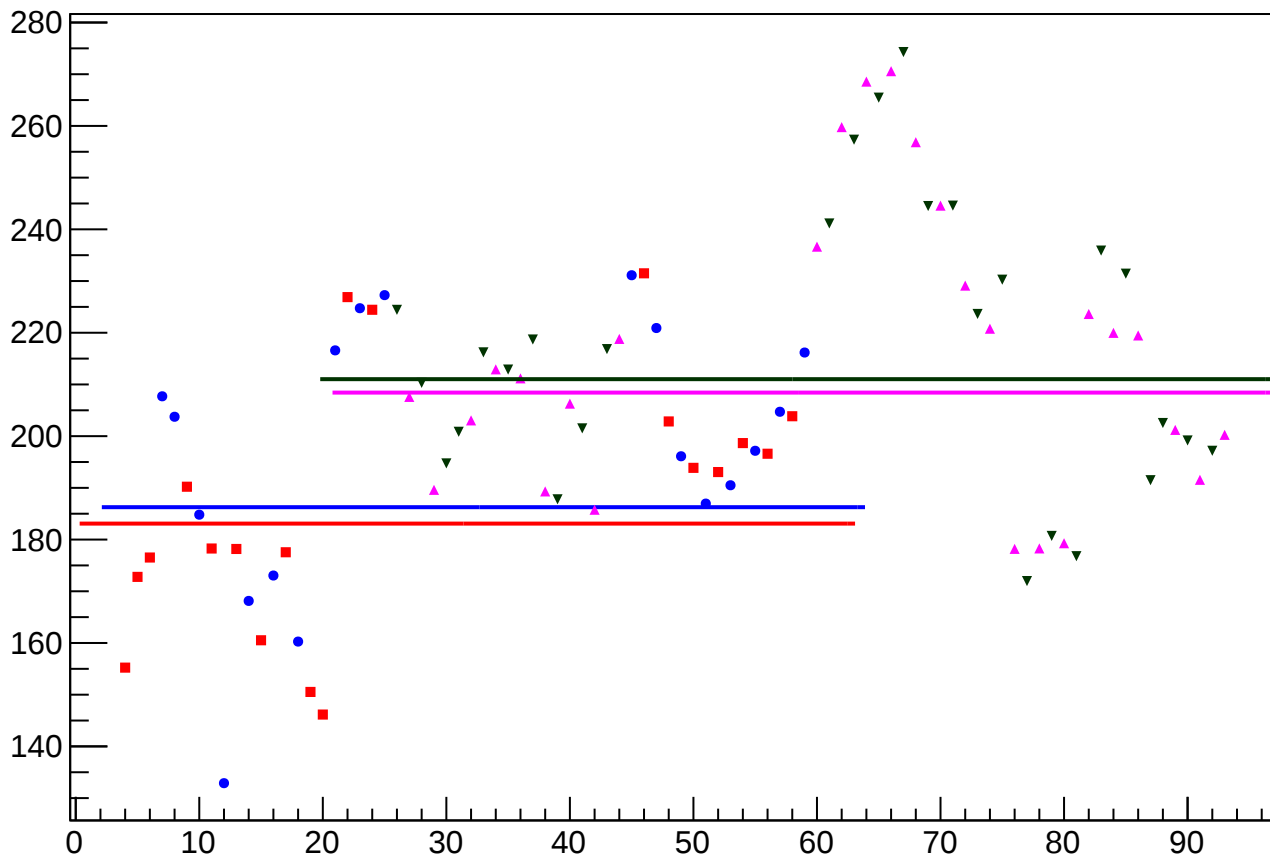
122.446 $\pm$ 0.018 χ^2 /NDF: 610569.7/44

yield_bpm0i07WS_mean vs slug



Right In: 124961.680 $\pm$ 0.057	χ^2 /NDF: 7216201458.1/17	122196.377 $\pm$ 0.041	χ^2 /NDF: 29851217412.9/4
Left Out: 119226.215 $\pm$ 0.059	χ^2 /NDF: 17716637909.0/26		
Right Out: 125527.018 $\pm$ 0.060	χ^2 /NDF: 6545248421.9/18	122471.883 $\pm$ 0.041	χ^2 /NDF: 30539879925.1/4
Left In: 119752.745 $\pm$ 0.056	χ^2 /NDF: 19019119312.6/25		

yield_bpm0i07WS_rms vs slug



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

Left Out: 211.022+/-0.042 χ^2/NDF : 375599.4/26

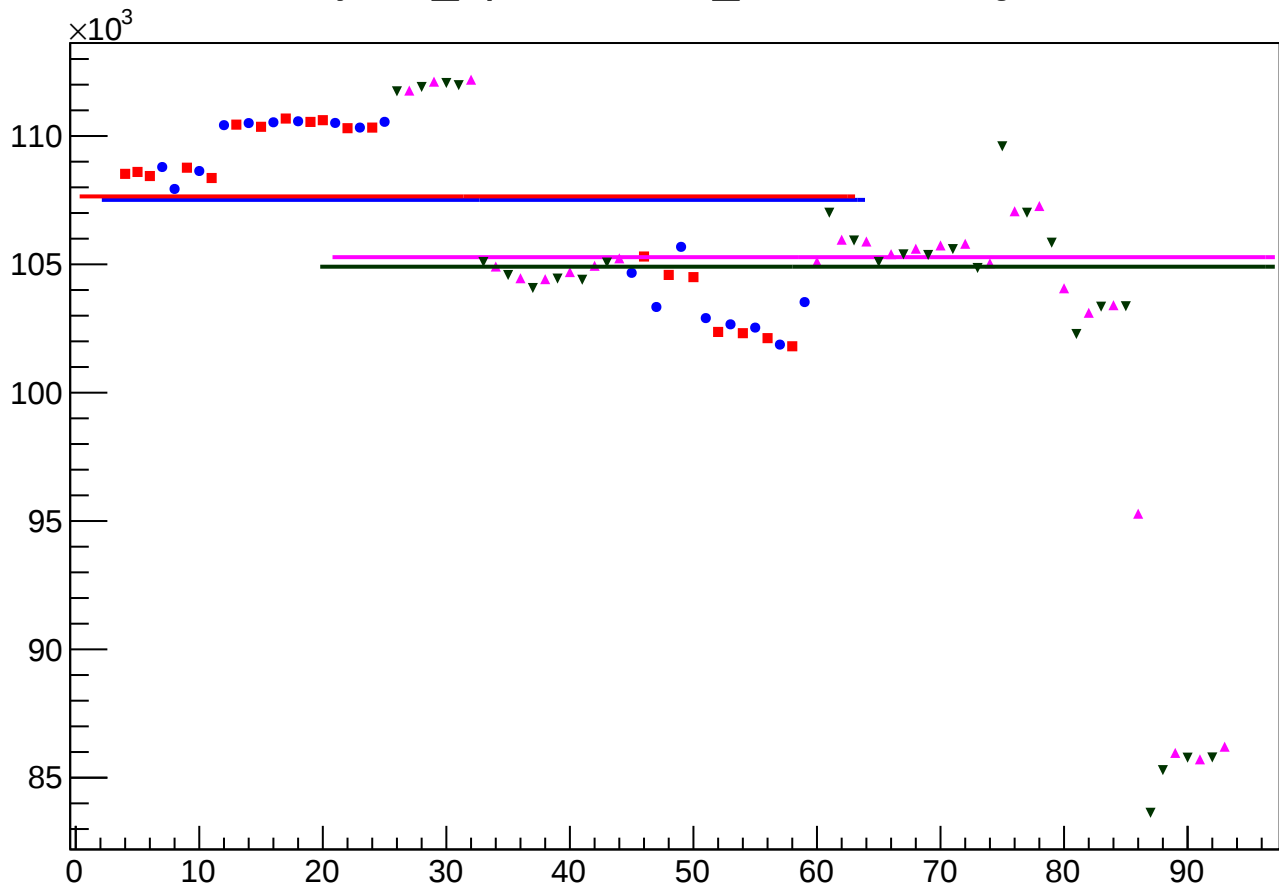
Right Out: 183.088+/-0.042 χ^2/NDF : 276420.3/18

Left In: 208.424+/-0.040 χ^2/NDF : 377050.4/25

198.200+/-0.029 χ^2/NDF : 1021295.1/44

196.494+/-0.029 χ^2/NDF : 845049.9/44

yield_bpm0l01WS_mean vs slug



Right In: 107511.375 $\pm$ 0.037

χ^2 /NDF: 7545366390.6/17

Left Out: 104908.033 $\pm$ 0.036

χ^2 /NDF: 33118012312.6/26

Right Out: 107646.372 $\pm$ 0.039

χ^2 /NDF: 6547636060.9/18

Left In: 105279.514 $\pm$ 0.035

χ^2 /NDF: 34714346249.4/25

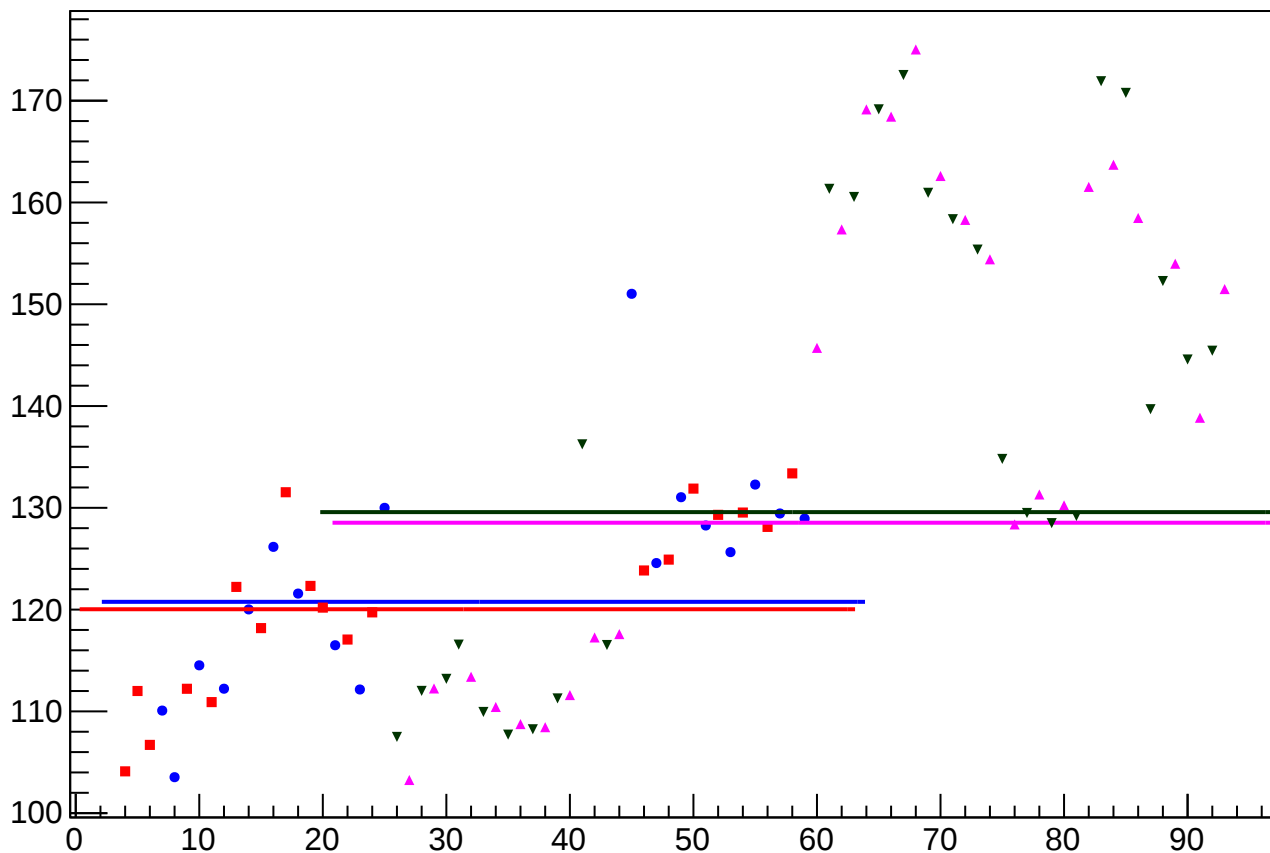
106205.256 $\pm$ 0.026

χ^2 /NDF: 43203182705.5/4

106336.734 $\pm$ 0.026

χ^2 /NDF: 43307991228.8/4

yield_bpm0l01WS_rms vs slug



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

Left Out: 129.578+/-0.026 χ^2/NDF : 712789.4/26

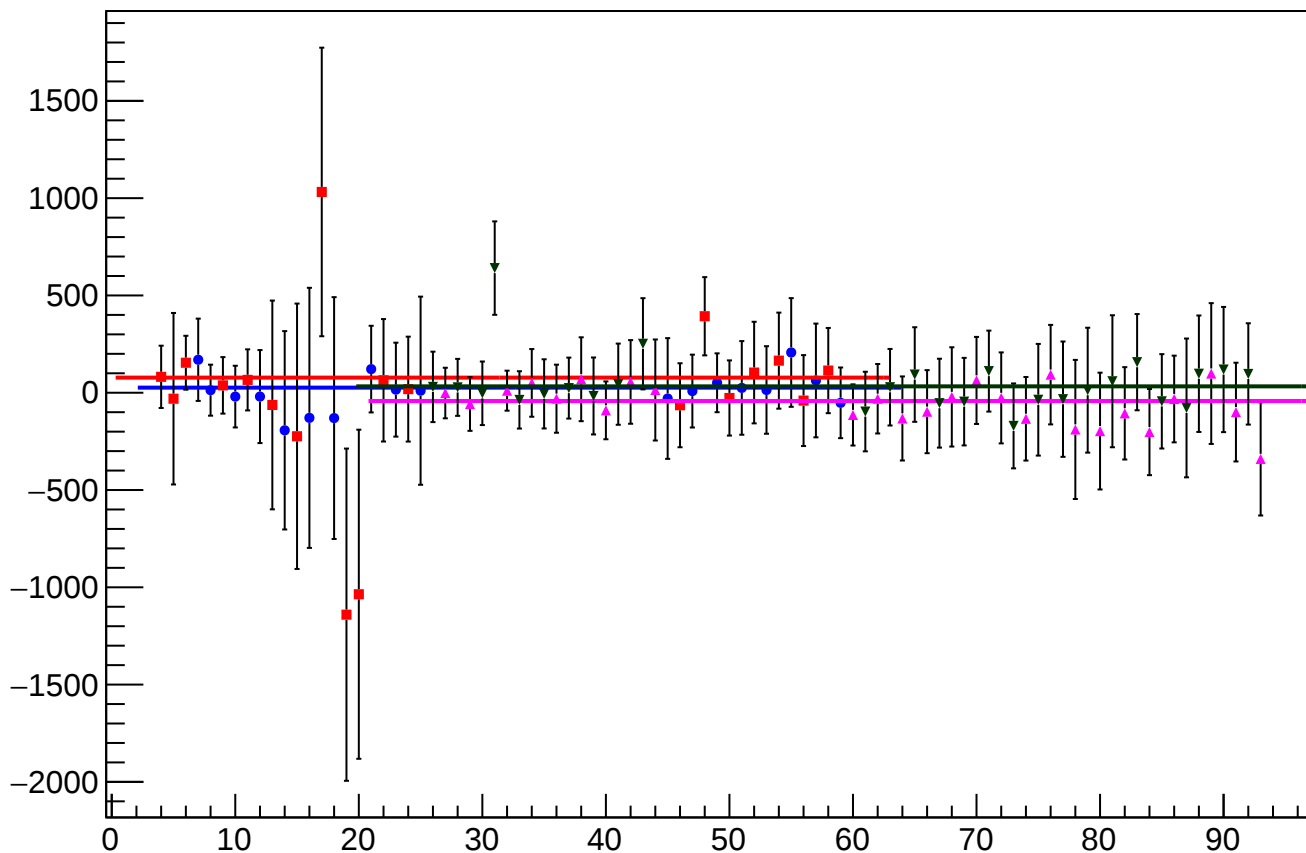
Right Out: 120.035+/-0.028 χ^2/NDF : 93920.3/18

Left In: 128.536+/-0.025 χ^2/NDF : 816341.9/25

125.186+/-0.018 χ^2/NDF : 926762.5/44

124.739+/-0.018 χ^2/NDF : 963051.8/44

asym_bcm_an_ds_mean vs slug



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

Left Out: 32.828+/-41.325 χ^2/NDF : 10.2/26

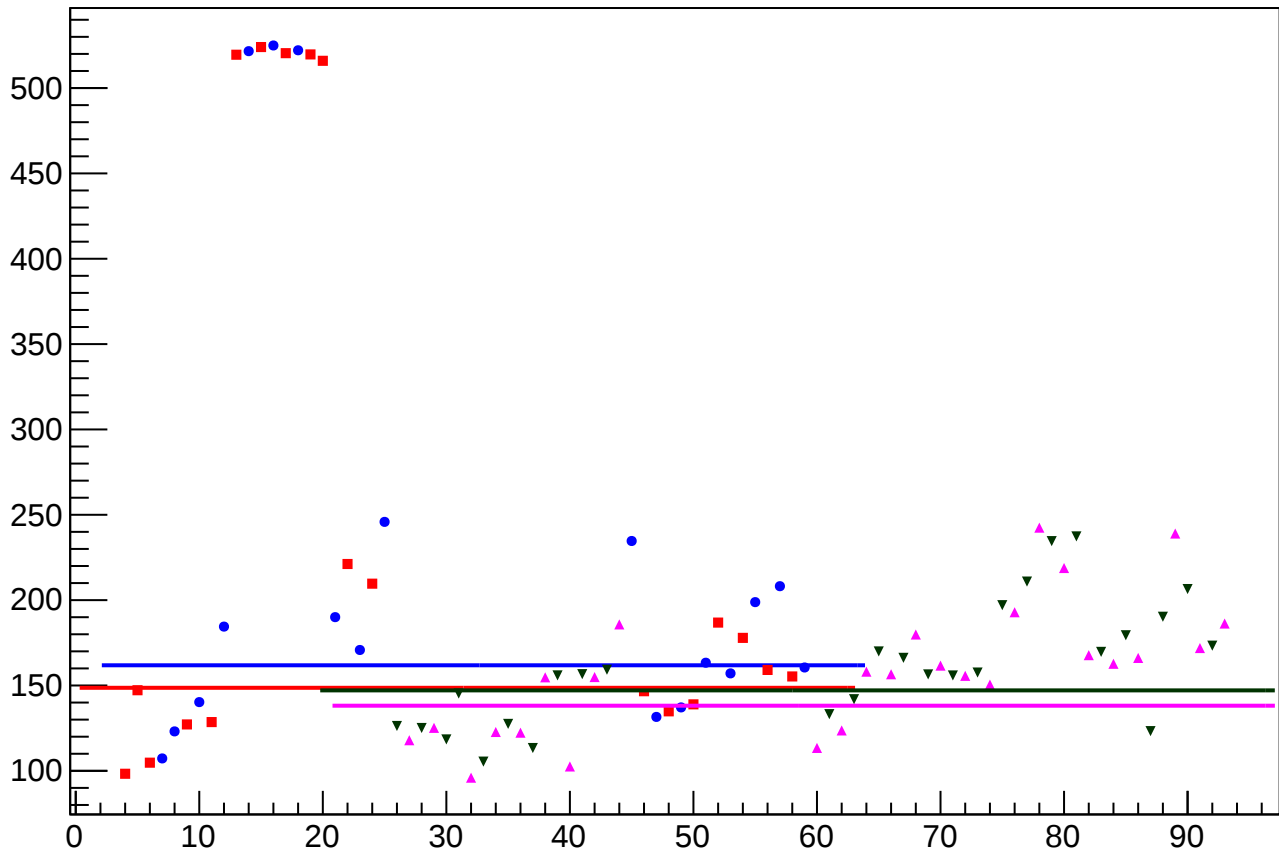
Right Out: 77.703+/-52.586 χ^2/NDF : 9.8/18

Left In: -42.339+/-37.976 χ^2/NDF : 4.7/25

30.311+/-32.475 χ^2/NDF : 11.9/44

-1.193+/-30.787 χ^2/NDF : 17.9/44

asym_bcm_an_ds_rms vs slug



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

Left Out: 147.132+/-0.029 χ^2/NDF :1112595.1/26

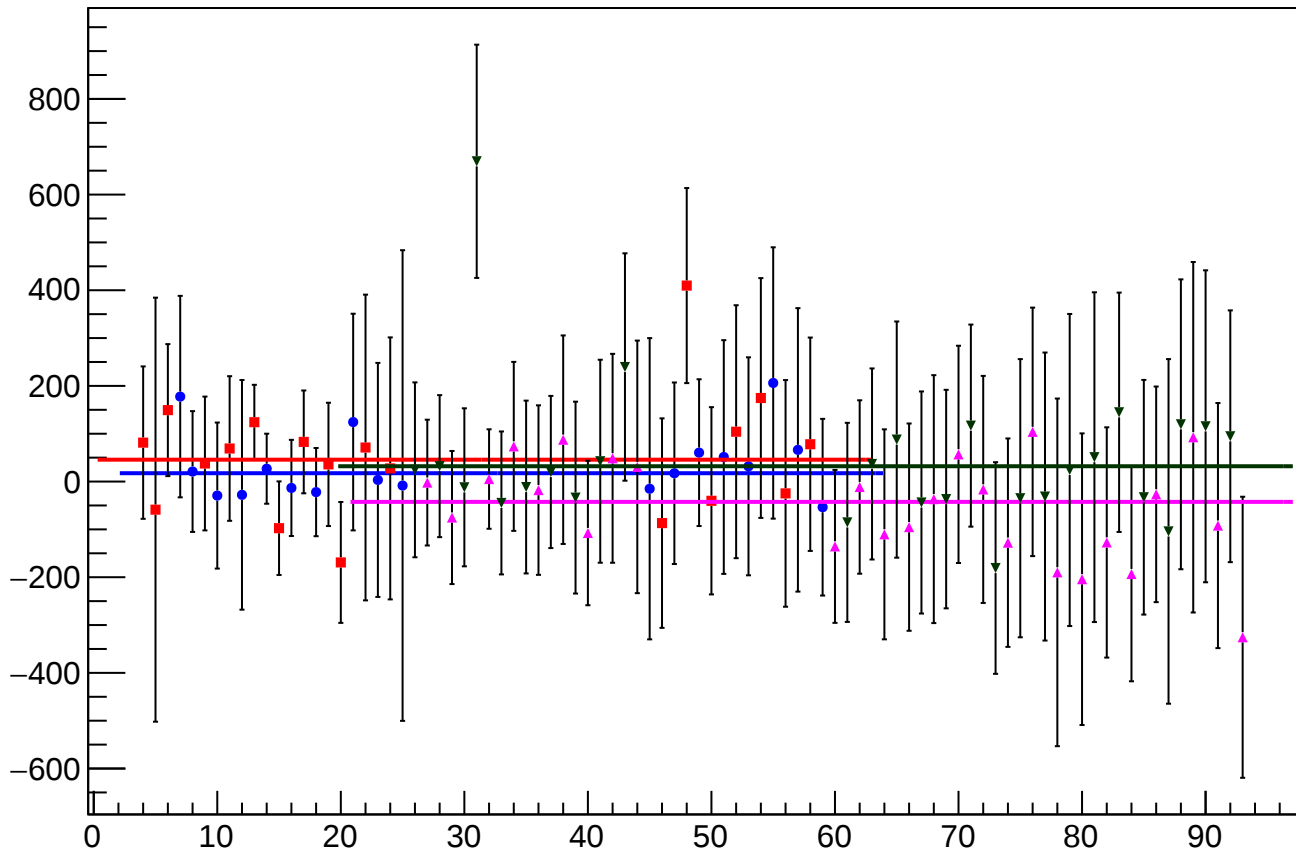
152.755+/-0.023 χ^2/NDF : 4228290.1/44

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

141.753+/-0.022 χ^2/NDF : 5214726.2/44

Left In: 138.158+/-0.027 χ^2/NDF :1567850.4/25

asym_bcm_an_ds3_mean vs slug



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

Left Out: 32.025 ± 41.913 χ^2/NDF : 10.5/26

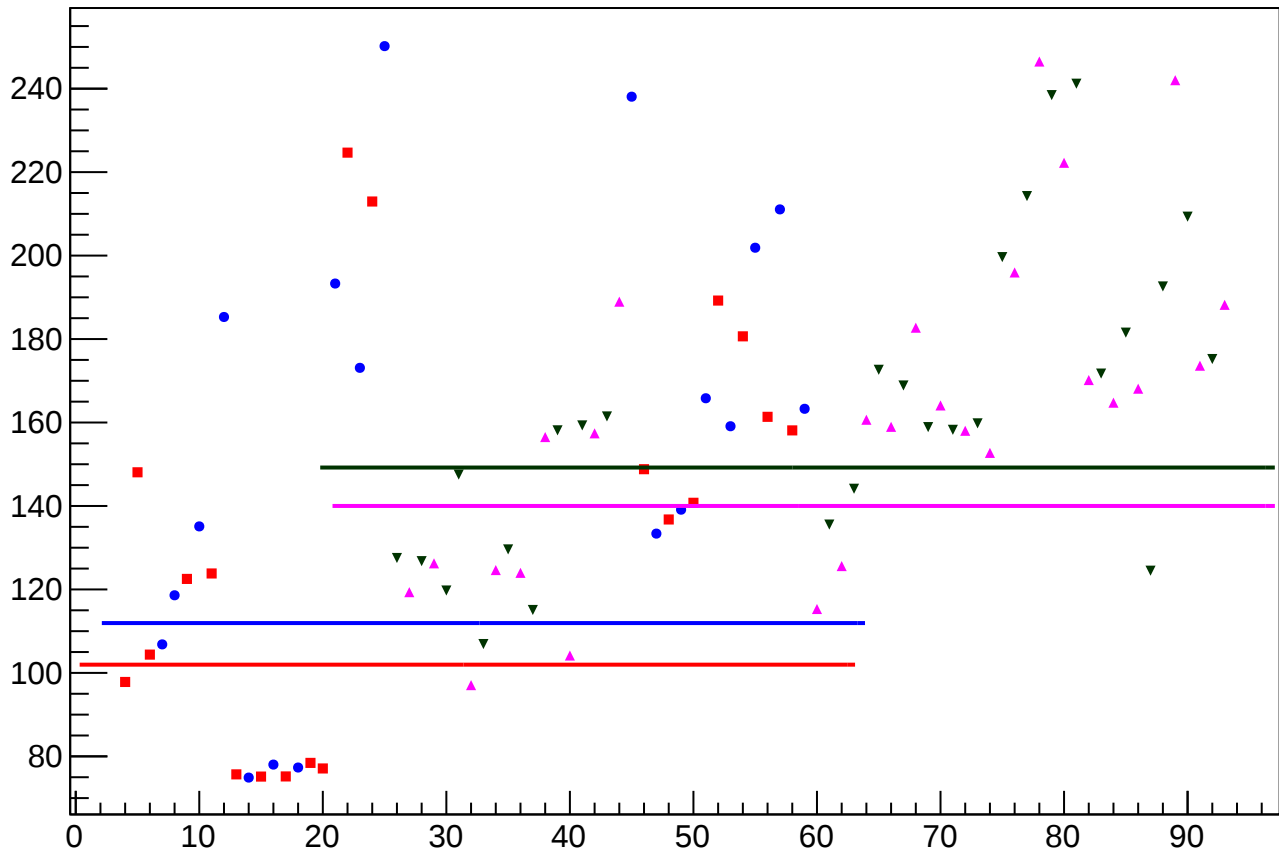
Right Out: 45.735 ± 34.677 χ^2/NDF : 11.0/18

Left In: -42.497 ± 38.491 χ^2/NDF : 4.9/25

23.704 ± 27.445 χ^2/NDF : 12.5/44

6.206 ± 25.764 χ^2/NDF : 18.9/44

asym_bcm_an_ds3_rms vs slug



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

Left Out: 149.213 $\pm$ 0.030 χ^2 /NDF:1115583.3/26

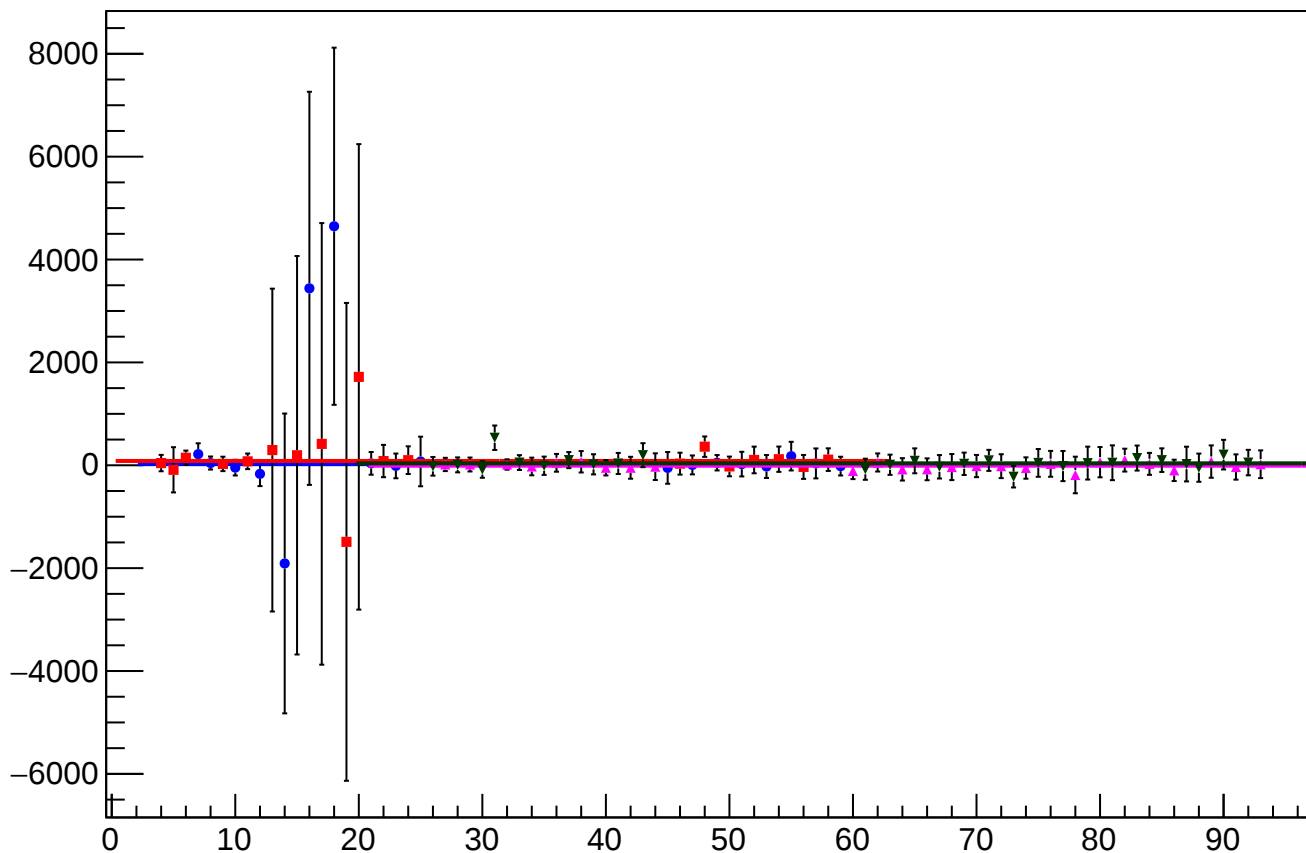
Right Out: 101.974 $\pm$ 0.025 χ^2 /NDF: 2271871.2/18

Left In: 140.006 $\pm$ 0.027 χ^2 /NDF:1575704.2/25

127.923 $\pm$ 0.019 χ^2 /NDF: 4991698.2/44

119.013 $\pm$ 0.018 χ^2 /NDF: 4925392.6/44

asym_bcm_an_us_mean vs slug



Right In: 21.772 $\pm$ 52.365 χ^2 /NDF: 5.3/17

Left Out: 37.888 $\pm$ 40.588 χ^2 /NDF:8.6/26

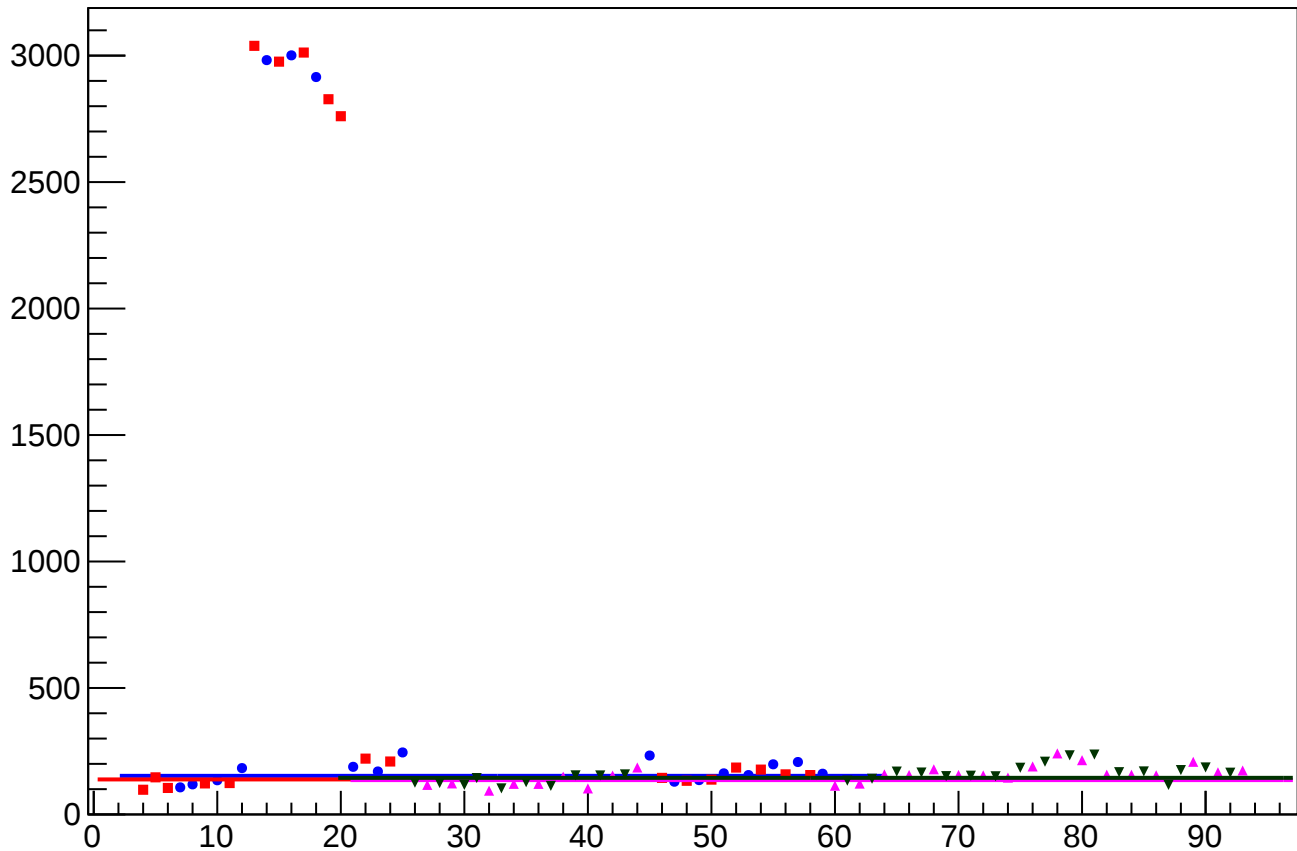
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -8.456 $\pm$ 37.240 χ^2 /NDF:2.2/25

31.839 $\pm$ 32.080 χ^2 /NDF: 13.9/44

22.416 $\pm$ 30.401 χ^2 /NDF: 7.7/44

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 144.735+/-0.029 χ^2/NDF : 1034937.2/26

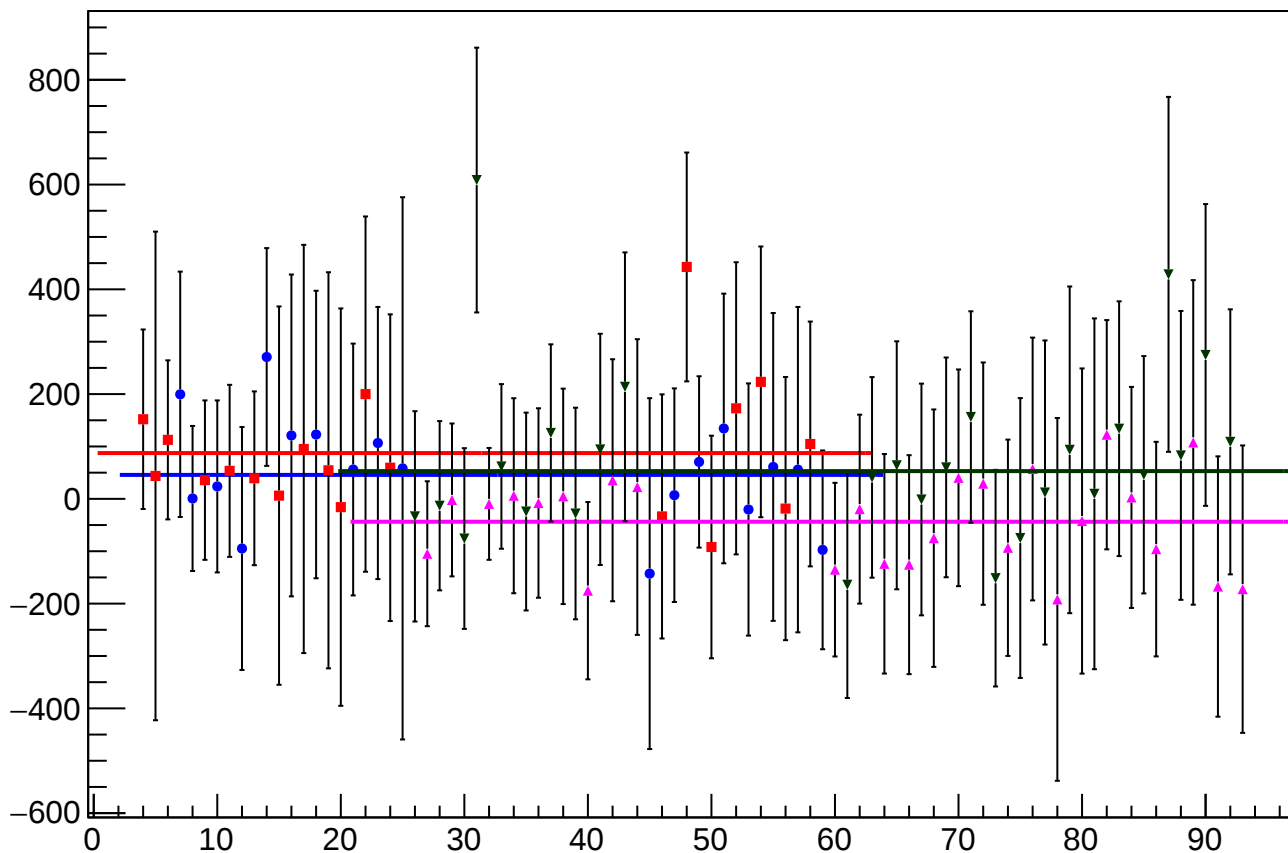
147.697+/-0.023 χ^2/NDF : 6080956.0/44

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

136.695+/-0.021 χ^2/NDF : 7192734.1/44

Left In: 135.814+/-0.026 χ^2/NDF : 1454799.9/25

asym_bcm_dg_us_mean vs slug



Right In: 45.739 ± 52.604 χ^2/NDF : 3.4/17

Left Out: 52.959 ± 42.083 χ^2/NDF : 11.3/26

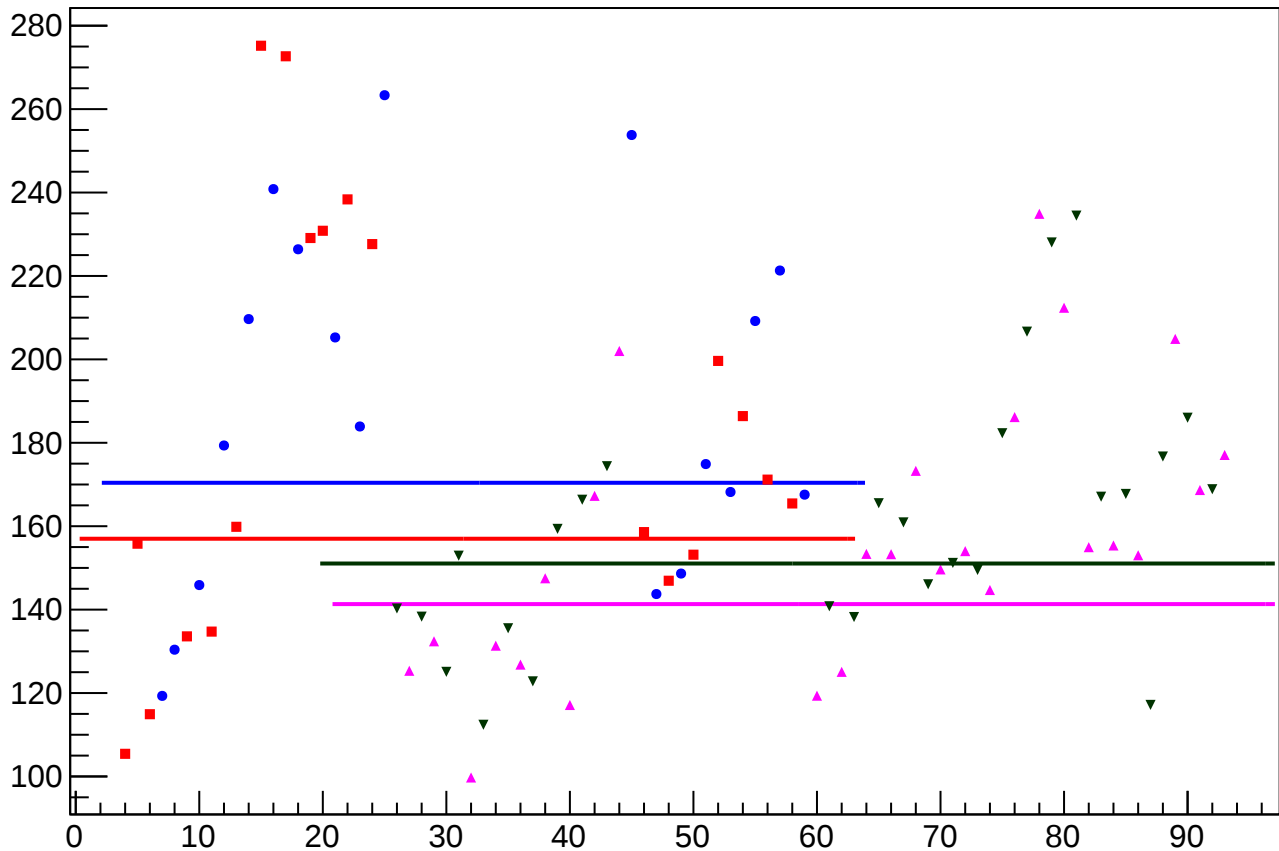
Right Out: 87.434 ± 51.940 χ^2/NDF : 4.9/18

Left In: -43.693 ± 38.515 χ^2/NDF : 4.0/25

50.141 ± 32.861 χ^2/NDF : 14.7/44

2.829 ± 30.938 χ^2/NDF : 13.0/44

asym_bcm_dg_us_rms vs slug



Right In: 170.412 $\pm$ 0.037 χ^2 /NDF: 964671.4/17

Left Out: 151.056 $\pm$ 0.030 χ^2 /NDF: 752462.4/26

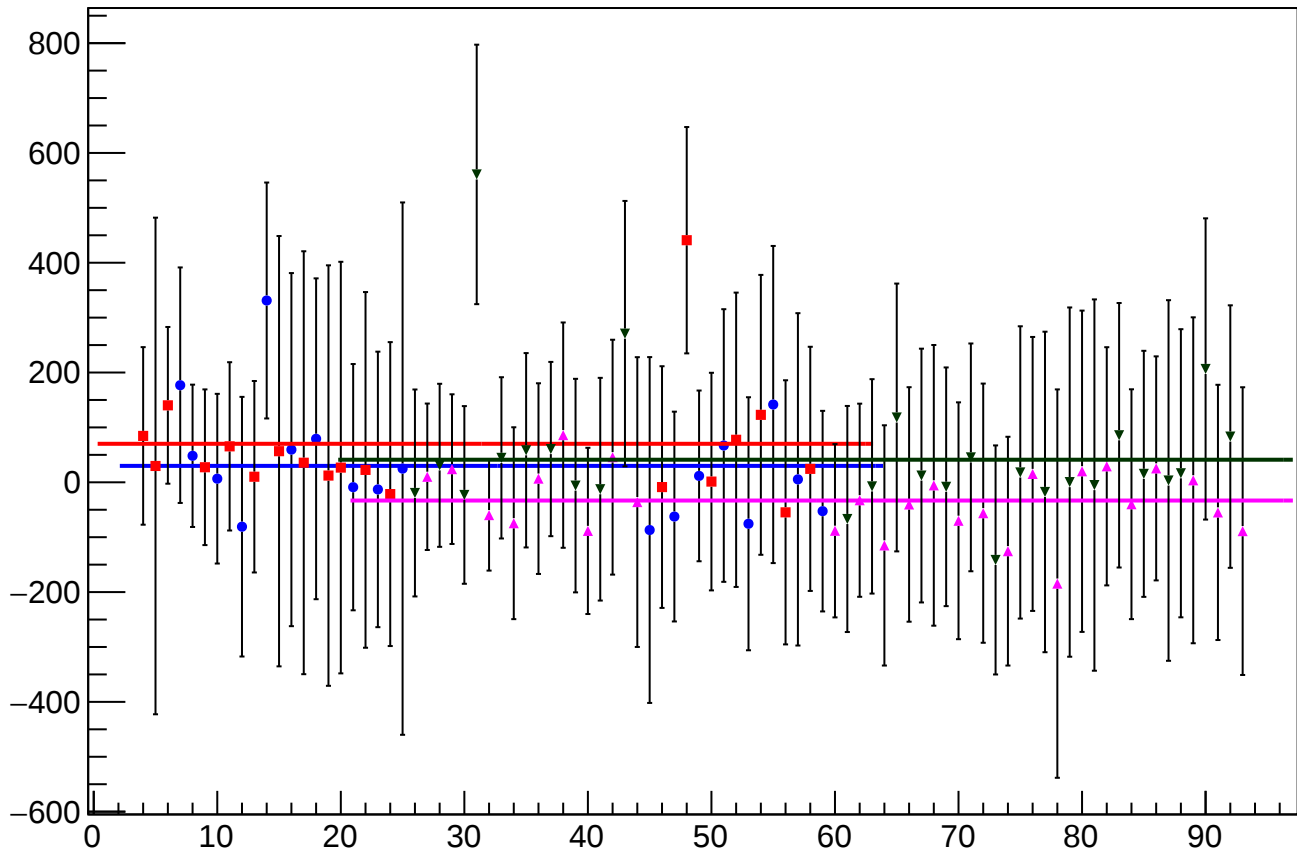
158.609 $\pm$ 0.023 χ^2 /NDF: 1882254.1/44

Right Out: 156.997 $\pm$ 0.037 χ^2 /NDF: 1276447.5/18

146.885 $\pm$ 0.022 χ^2 /NDF: 2512746.4/44

Left In: 141.325 $\pm$ 0.027 χ^2 /NDF: 1118823.3/25

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF : 3.8/17

Left Out: 41.140+/-40.683 χ^2/NDF : 8.0/26

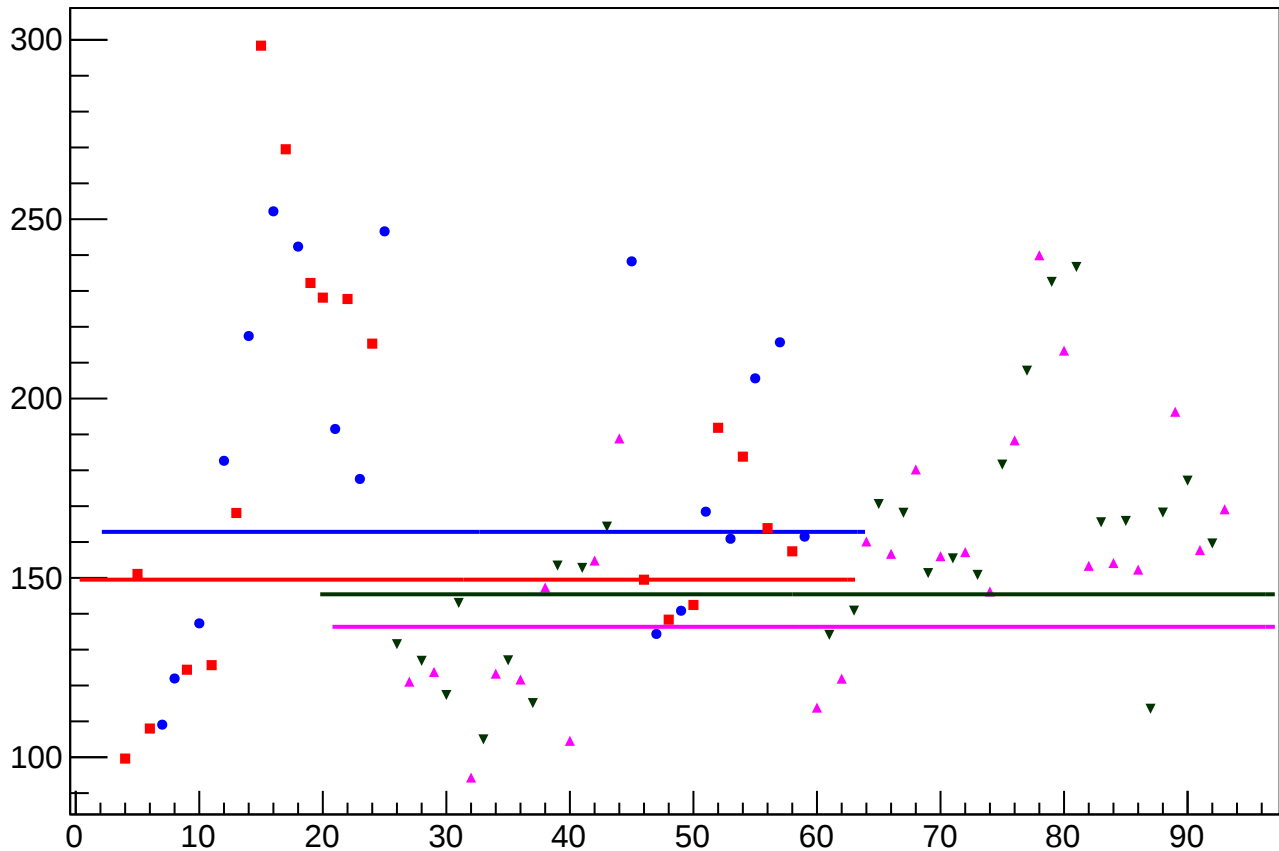
Right Out: 70.155+/-49.782 χ^2/NDF : 4.5/18

Left In: -33.204+/-37.307 χ^2/NDF : 2.1/25

36.733+/-31.704 χ^2/NDF : 11.8/44

3.967+/-29.854 χ^2/NDF : 9.3/44

asym_bcm_dg_ds_rms vs slug



Right In: 162.833 $\pm$ 0.036 χ^2 /NDF: 1229021.5/17

Left Out: 145.426 $\pm$ 0.029 χ^2 /NDF:944099.1/26

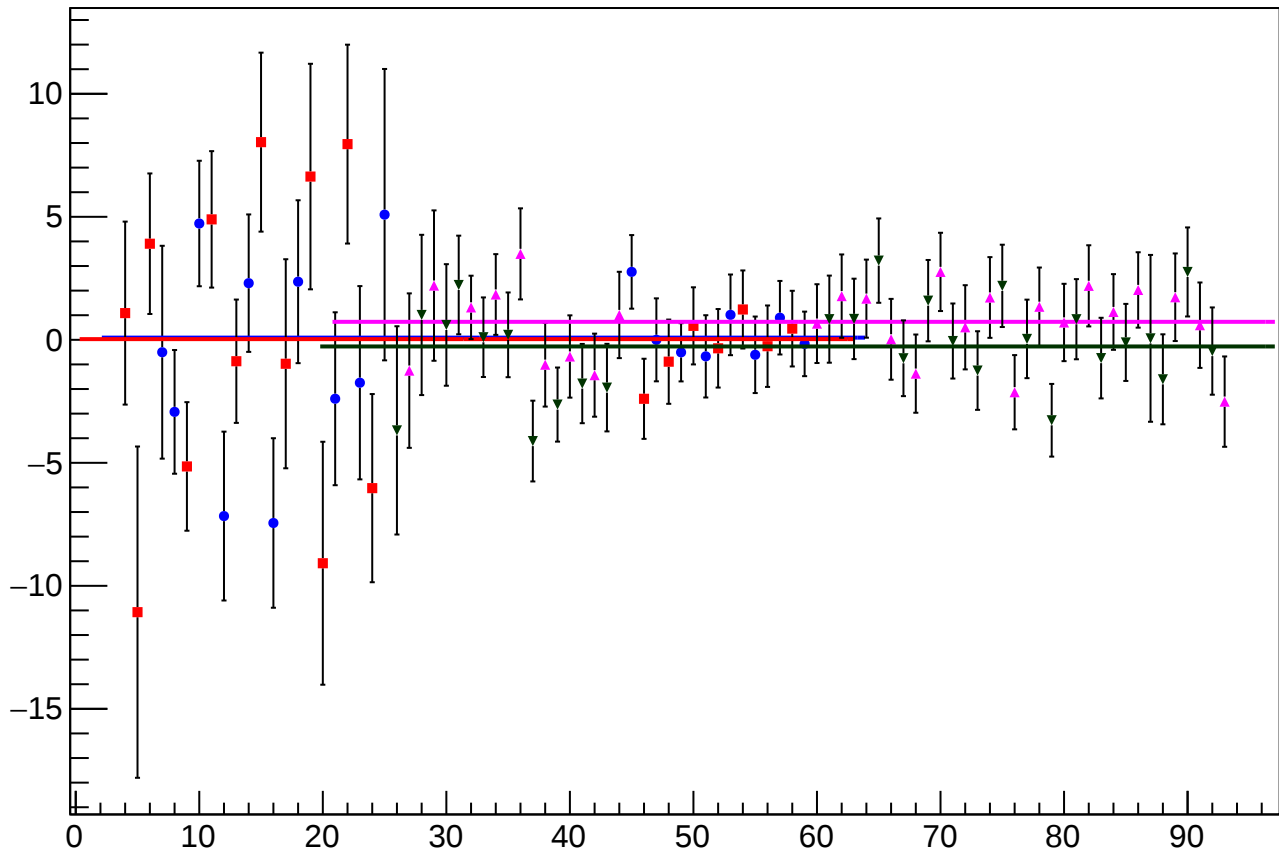
Right Out: 149.507 $\pm$ 0.035 χ^2 /NDF: 1490705.1/18

Left In: 136.365 $\pm$ 0.026 χ^2 /NDF:1359448.8/25

152.262 $\pm$ 0.022 χ^2 /NDF: 2316911.5/44

141.091 $\pm$ 0.021 χ^2 /NDF: 2939403.4/44

asym_cav4bQ_mean vs slug



Right In: 0.089+/-0.466 χ^2/NDF : 21.1/17

Left Out: -0.270+/-0.337 χ^2/NDF : 29.3/26

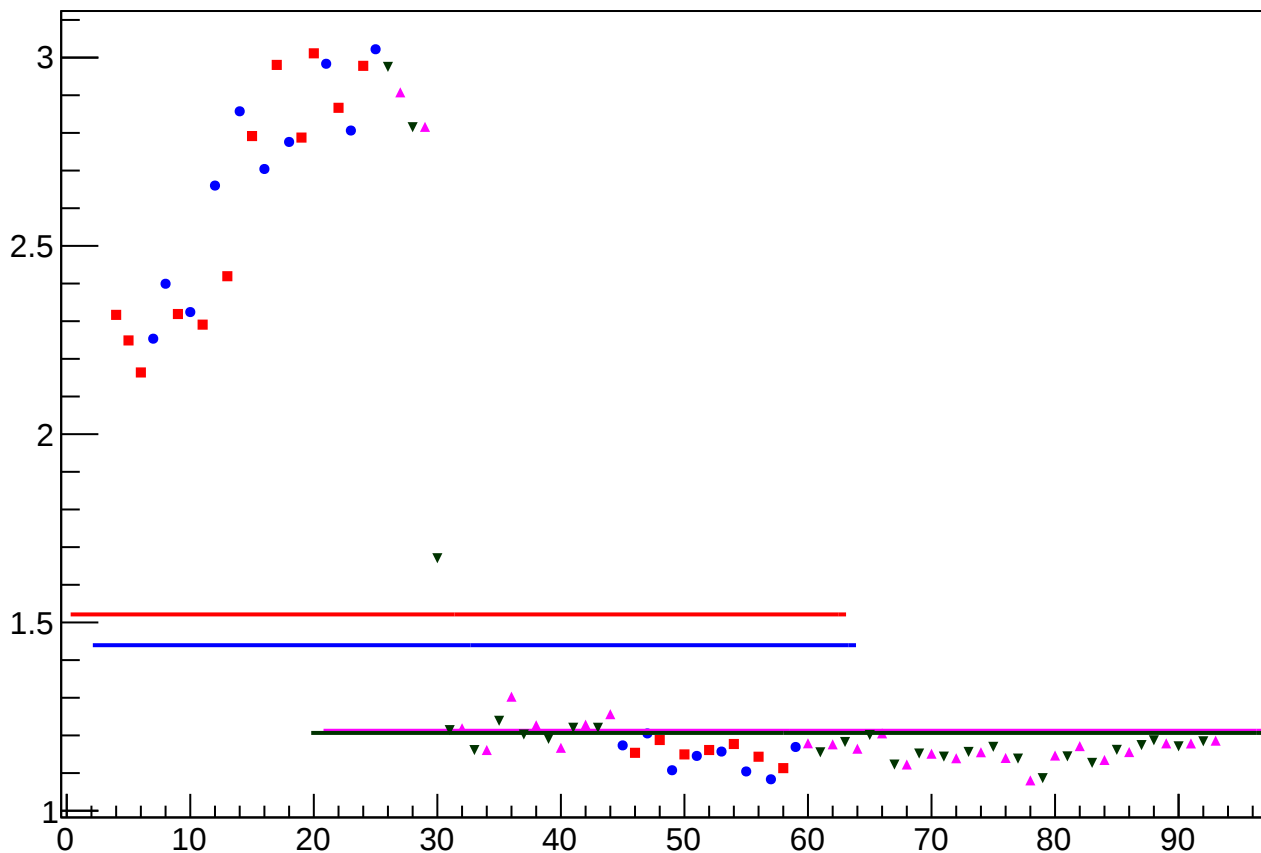
Right Out: 0.028+/-0.520 χ^2/NDF : 31.9/18

Left In: 0.731+/-0.329 χ^2/NDF : 20.4/25

-0.146+/-0.273 χ^2/NDF : 50.8/44

0.530+/-0.278 χ^2/NDF : 53.6/44

asym_cav4bQ_rms vs slug



Right In: 1.440 $\pm$ 0.000 χ^2 /NDF: 3409388.4/17

Left Out: 1.207 $\pm$ 0.000 χ^2 /NDF:954513.4/26

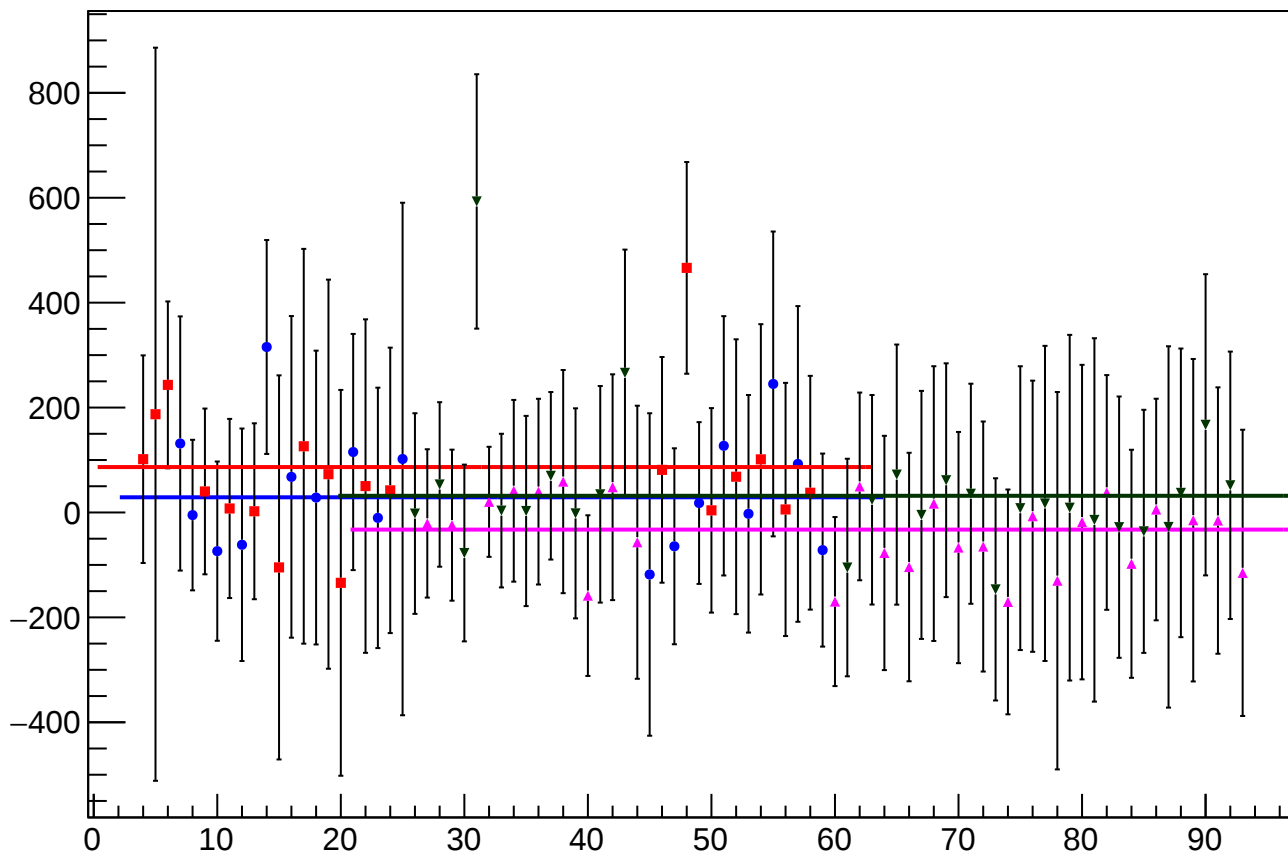
Right Out: 1.521 $\pm$ 0.000 χ^2 /NDF: 2870549.2/18

Left In: 1.212 $\pm$ 0.000 χ^2 /NDF:1195147.6/25

1.287 $\pm$ 0.000 χ^2 /NDF: 4692507.1/44

1.301 $\pm$ 0.000 χ^2 /NDF: 4570801.6/44

asym_cav4cQ_mean vs slug



Right In: 28.930 ± 51.478 χ^2/NDF : 4.5/17

Left Out: 31.790 ± 41.638 χ^2/NDF : 8.6/26

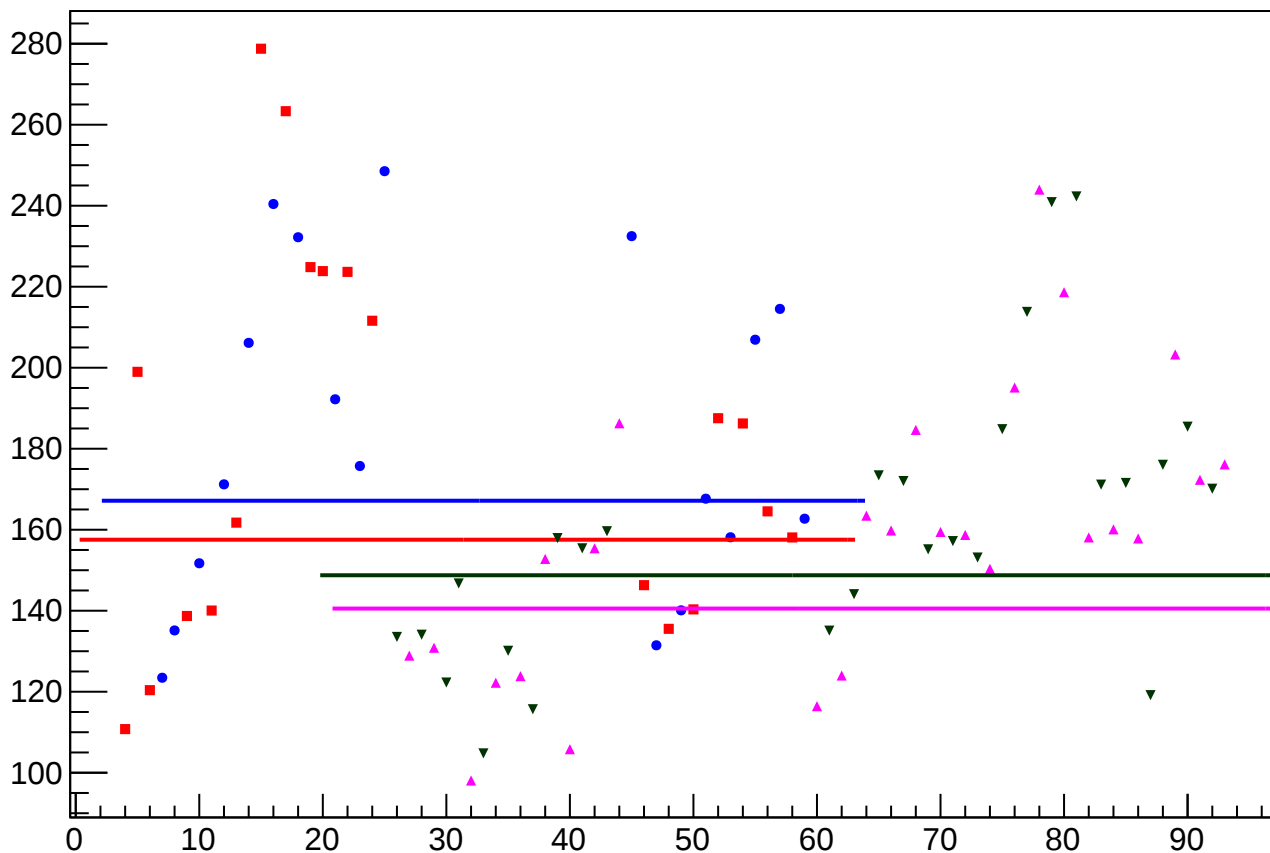
Right Out: 86.558 ± 52.059 χ^2/NDF : 6.1/18

Left In: -32.667 ± 38.414 χ^2/NDF : 3.6/25

30.659 ± 32.374 χ^2/NDF : 13.1/44

9.364 ± 30.910 χ^2/NDF : 13.1/44

asym_cav4cQ_rms vs slug



Right In: 167.159 $\pm$ 0.036 χ^2 /NDF: 875808.6/17

Left Out: 148.756 $\pm$ 0.029 χ^2 /NDF:980384.0/26

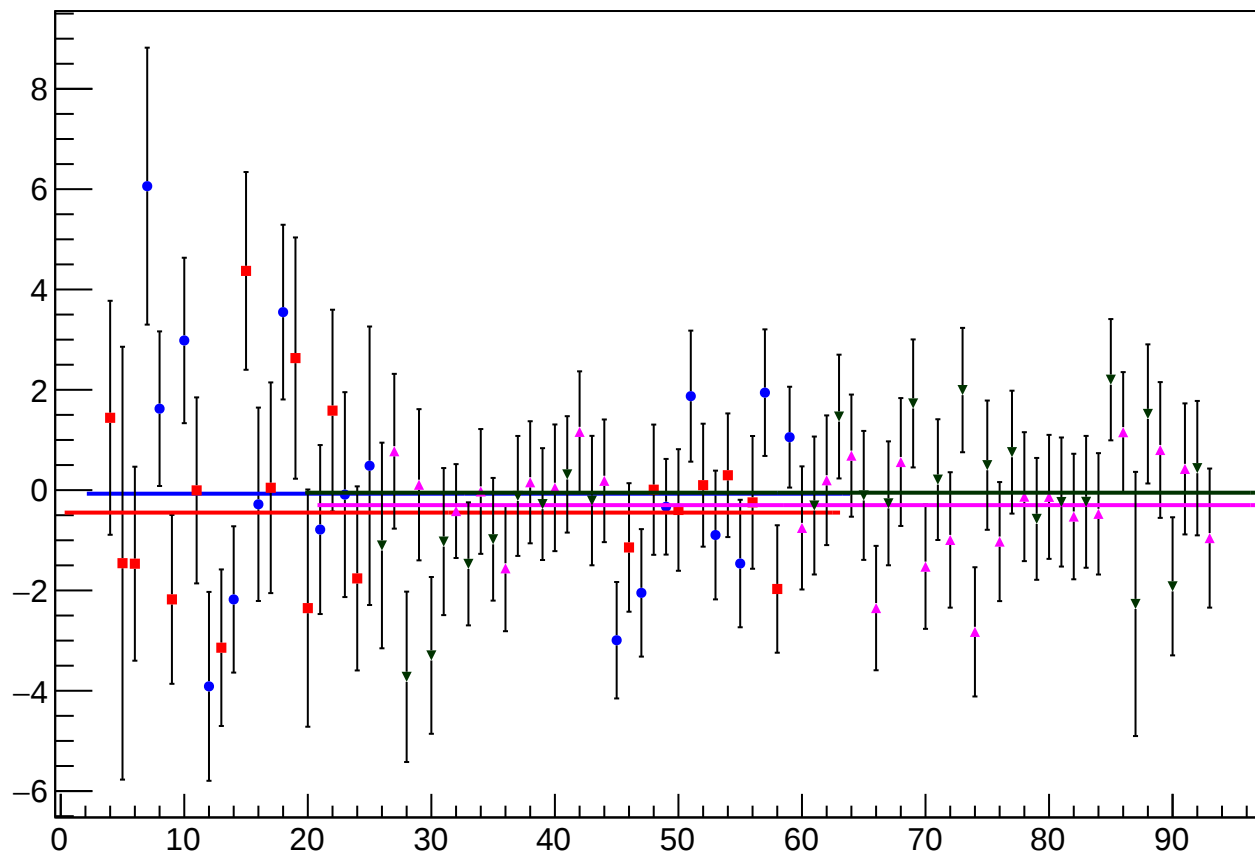
Right Out: 157.534 $\pm$ 0.037 χ^2 /NDF: 1049684.2/18

Left In: 140.535 $\pm$ 0.027 χ^2 /NDF:1337615.9/25

156.034 $\pm$ 0.023 χ^2 /NDF: 2010705.0/44

146.528 $\pm$ 0.022 χ^2 /NDF: 2525369.8/44

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.051 ± 0.253 χ^2/NDF : 26.3/26

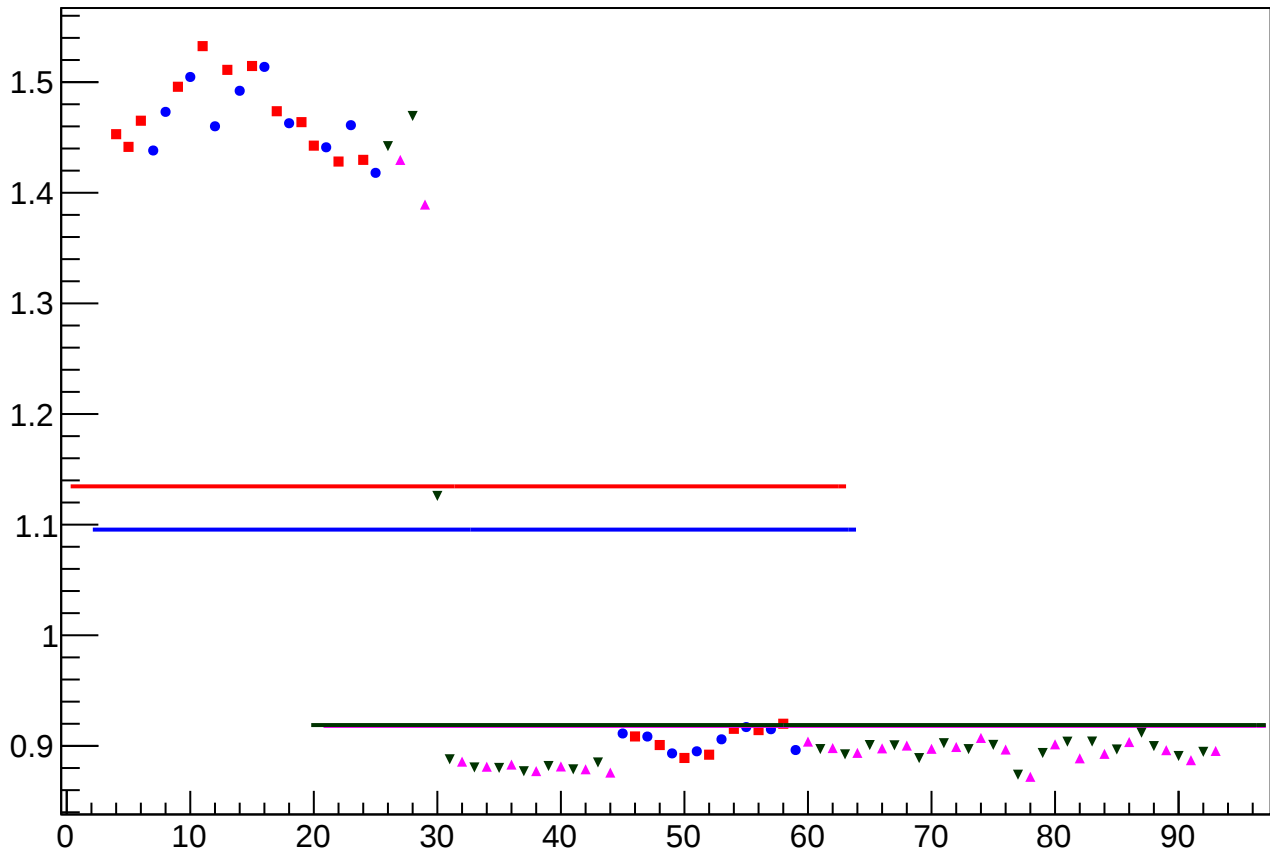
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.299 ± 0.246 χ^2/NDF : 15.8/25

-0.059 ± 0.202 χ^2/NDF : 63.2/44

-0.345 ± 0.204 χ^2/NDF : 33.3/44

asym_cav4dQ_rms vs slug



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

Left Out: 0.919+/-0.000 χ^2/NDF : 400253.9/26

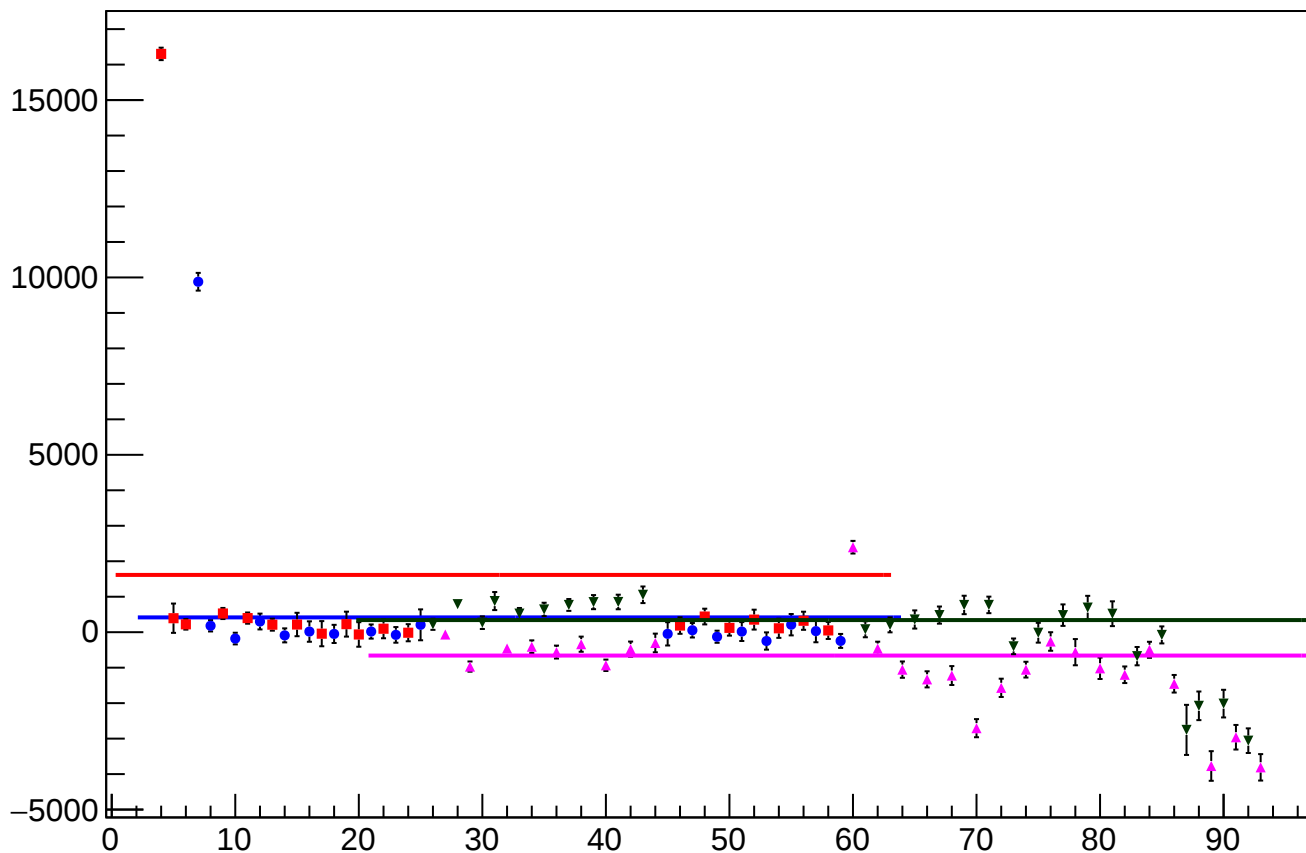
0.983+/-0.000 χ^2/NDF : 2042471.2/44

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

0.984+/-0.000 χ^2/NDF : 2080183.2/44

Left In: 0.918+/-0.000 χ^2/NDF : 441141.4/25

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 341.663+/-43.299 χ^2/NDF : 276.2/26

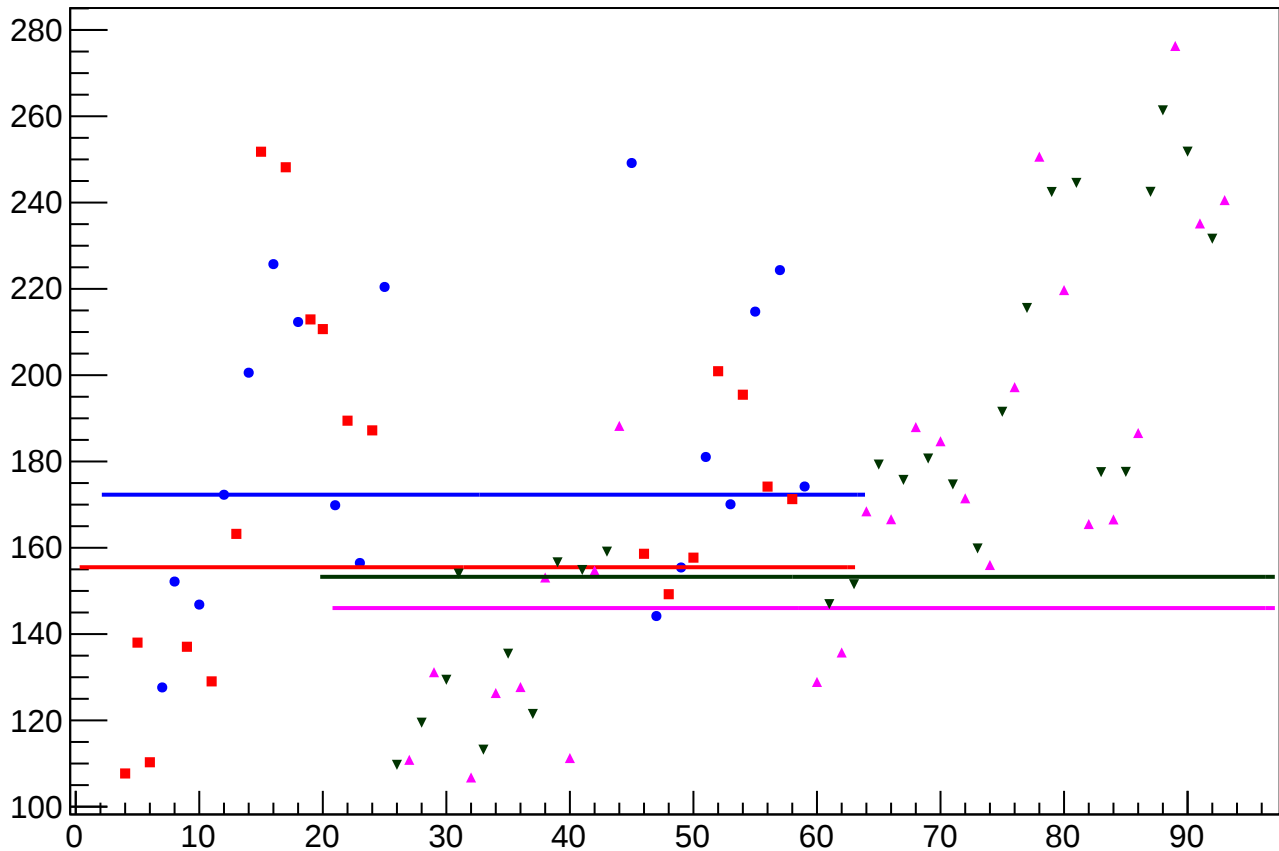
Right Out: 1614.499+/-51.138 χ^2/NDF : 7665.3/18

Left In: -658.574+/-40.134 χ^2/NDF : 624.1/25

372.143+/-33.439 χ^2/NDF : 1785.4/44

207.848+/-31.572 χ^2/NDF : 9512.1/44

asym_bcm0l02_rms vs slug



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

Left Out: 153.270+/-0.031 χ^2/NDF :1451922.6/26

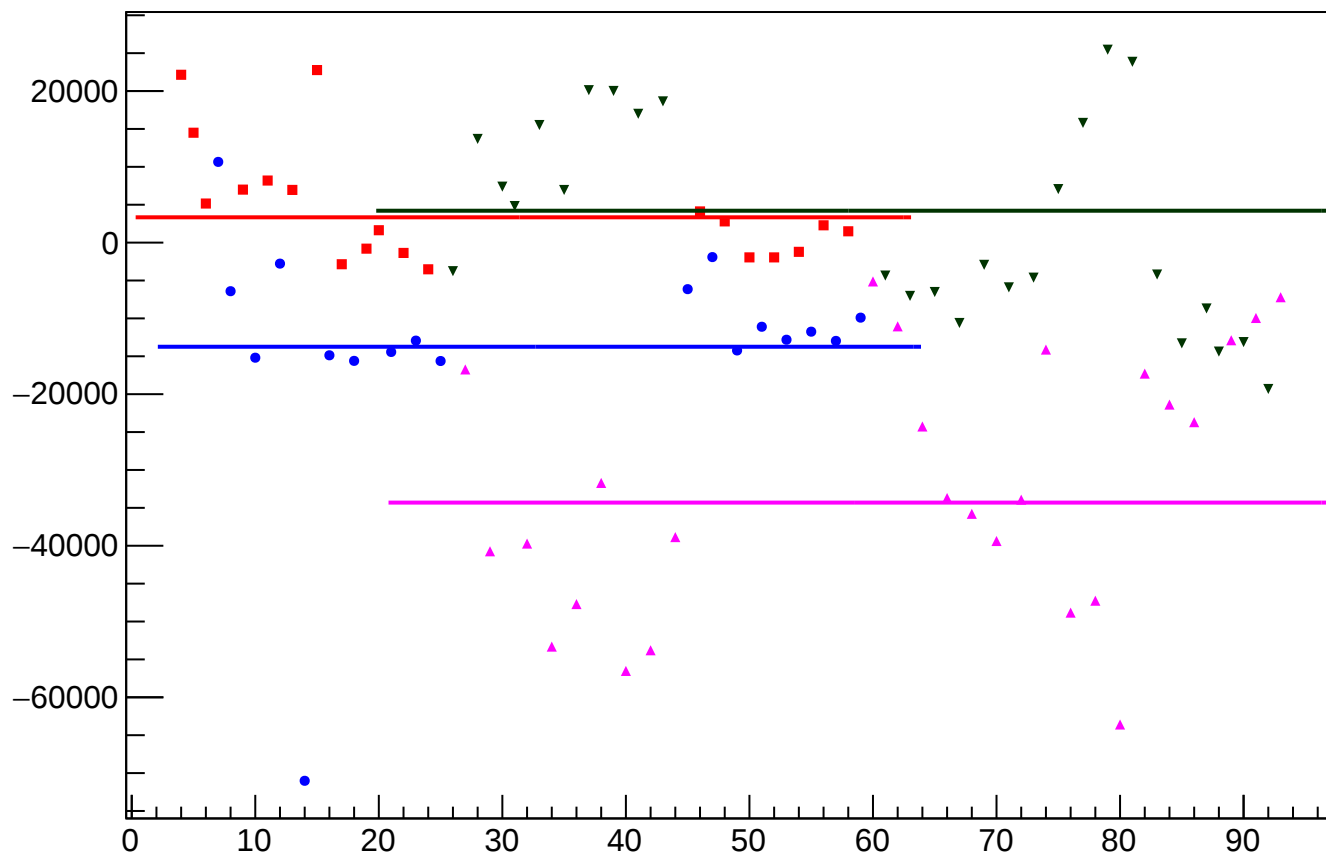
Right Out: 155.494+/-0.036 χ^2/NDF : 1018742.9/18

Left In: 146.029+/-0.028 χ^2/NDF :1696968.4/25

160.951+/-0.024 χ^2/NDF : 2208716.2/44

149.637+/-0.022 χ^2/NDF : 2758107.5/44

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 4208.413+/-26.604 χ^2/NDF : 236705.8/26

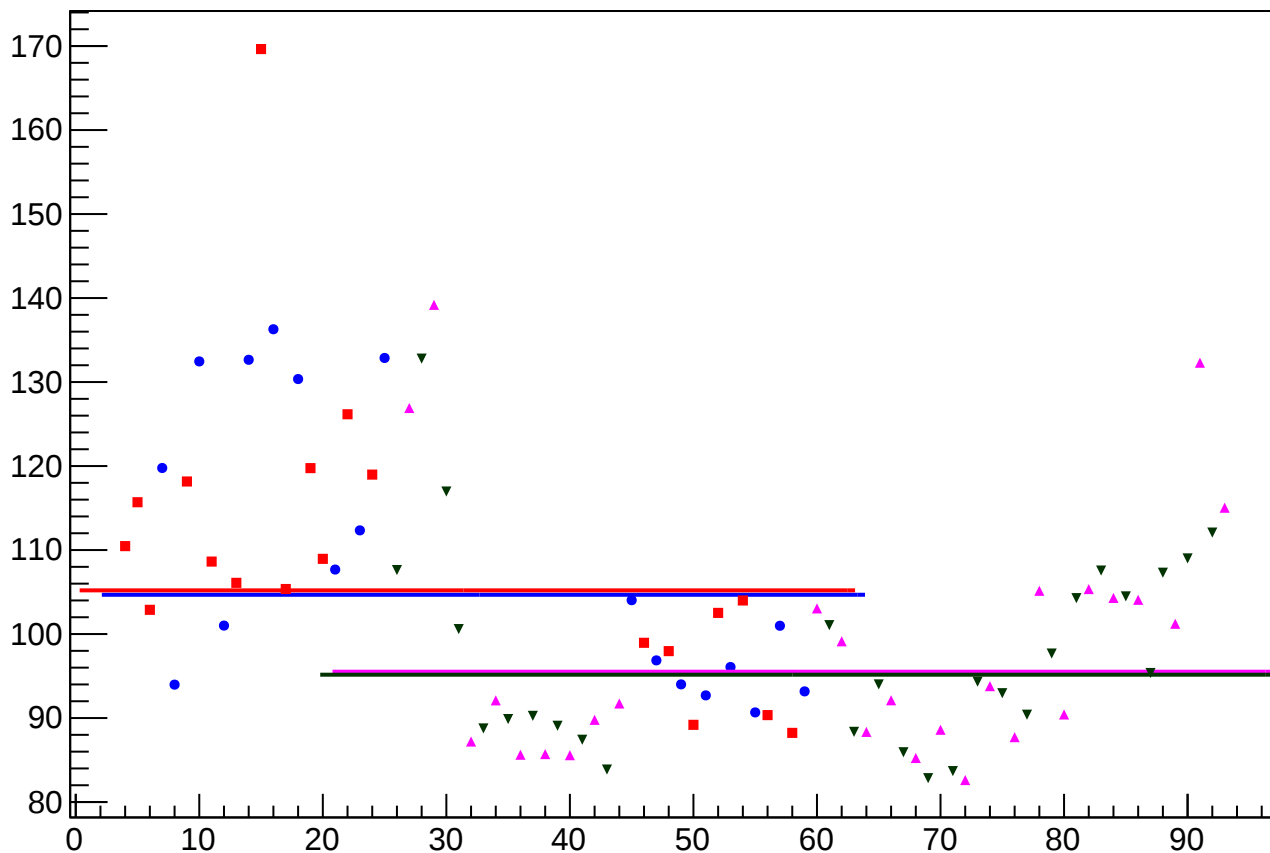
Right Out: 3338.926+/-34.258 χ^2/NDF : 31361.1/18

Left In: -34307.411+/-25.952 χ^2/NDF : 370056.6/25

-3113.256+/-20.471 χ^2/NDF : 644588.7/44

-20580.140+/-20.686 χ^2/NDF : 1168699.3/44

asym_bpm2i01WS_rms vs slug



Right In: 104.677 ± 0.023 χ^2/NDF : 431749.6/17

Left Out: 95.160 ± 0.019 χ^2/NDF : 339758.1/26

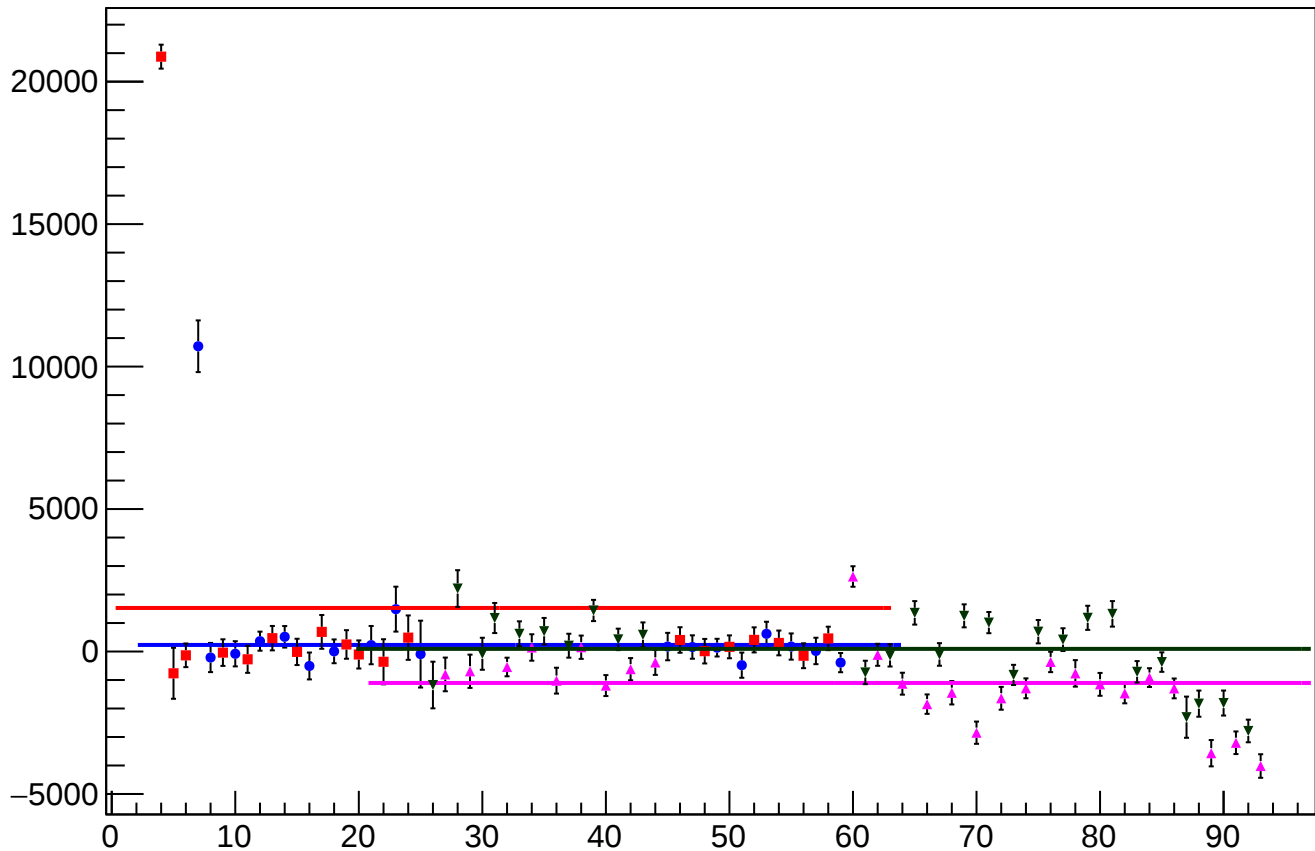
Right Out: 105.200 ± 0.024 χ^2/NDF : 336723.5/18

Left In: 95.517 ± 0.018 χ^2/NDF : 512967.3/25

99.042 ± 0.014 χ^2/NDF : 875894.3/44

99.048 ± 0.015 χ^2/NDF : 951229.4/44

asym_bpm0i07WS_mean vs slug



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

Left Out: 92.954 $\pm$ 82.100 χ^2 /NDF:194.4/26

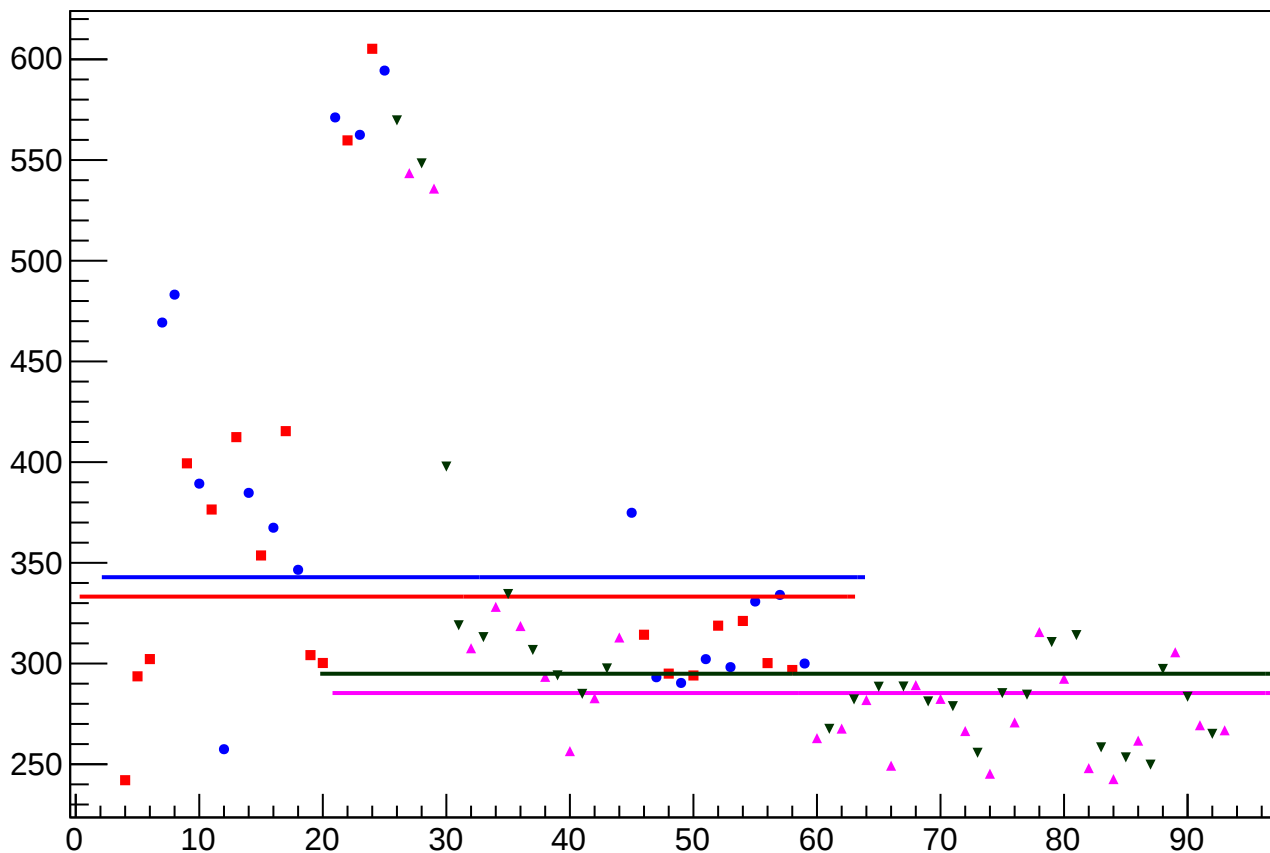
145.171 $\pm$ 64.731 χ^2 /NDF: 343.4/44

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

-223.345 $\pm$ 62.990 χ^2 /NDF: 2941.8/44

Left In: -1103.226 $\pm$ 77.200 χ^2 /NDF:279.2/25

asym_bpm0i07WS_rms vs slug



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

Left Out: 294.931 $\pm$ 0.058 χ^2 /NDF: 747769.9/26

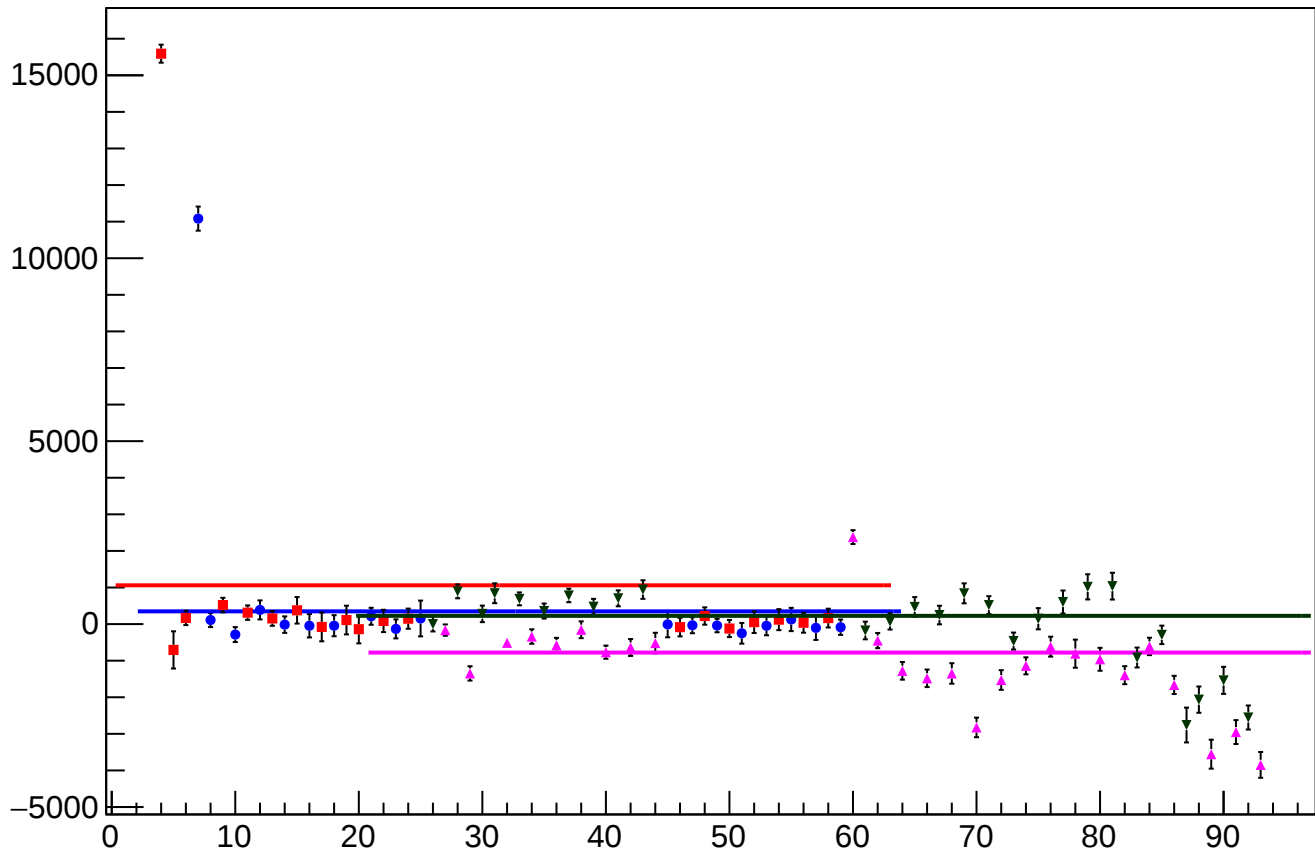
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 285.346 $\pm$ 0.055 χ^2 /NDF: 962577.5/25

313.068 $\pm$ 0.046 χ^2 /NDF: 2024339.0/44

301.352 $\pm$ 0.045 χ^2 /NDF: 1988711.8/44

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF : 1103.2/17

Left Out: 225.235+/-47.635 χ^2/NDF : 276.9/26

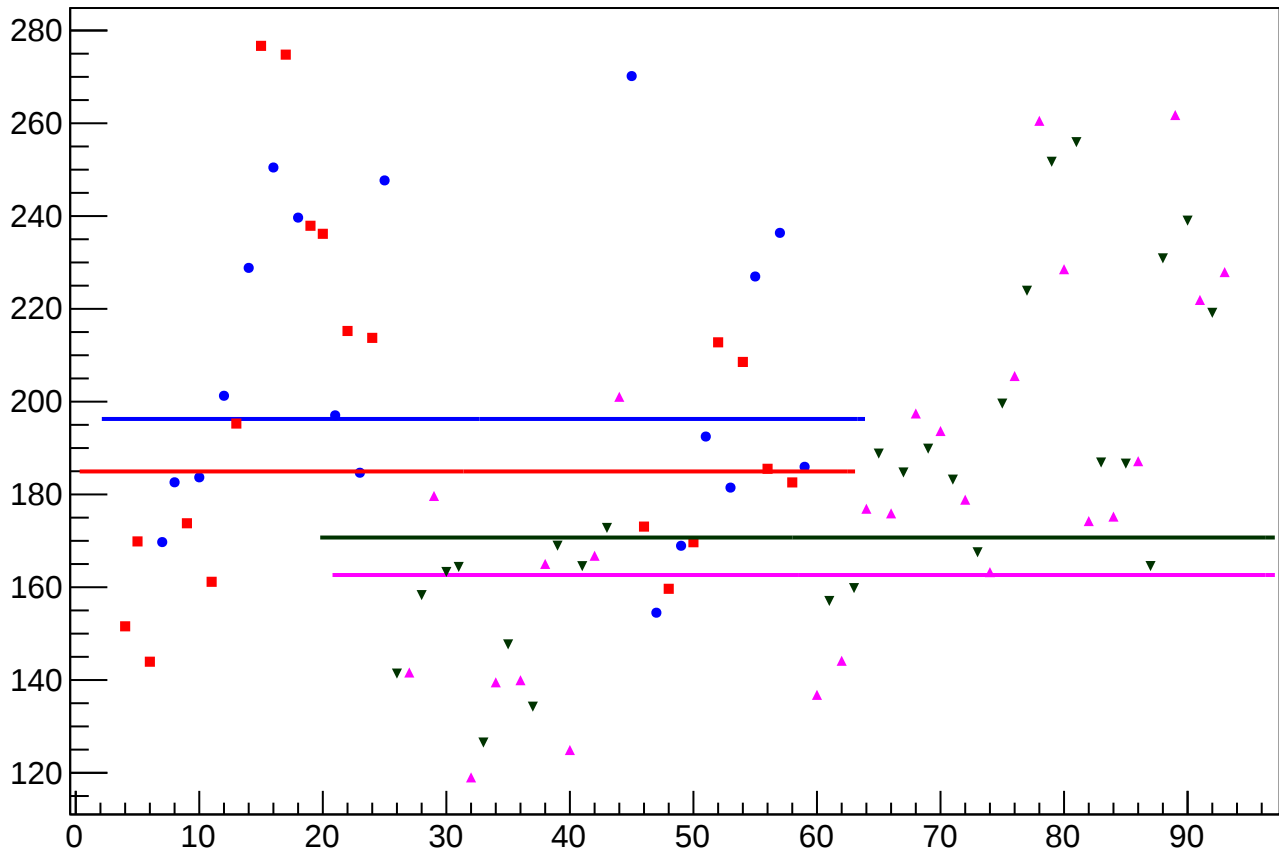
273.121+/-37.221 χ^2/NDF : 1382.7/44

Right Out: 1059.962+/-60.034 χ^2/NDF : 3708.7/18

-131.800+/-35.600 χ^2/NDF : 4916.4/44

Left In: -778.160+/-44.212 χ^2/NDF : 599.9/25

asym_bpm0l01WS_rms vs slug



Right In: 196.269 ± 0.042 $\chi^2/\text{NDF}: 466122.9/17$

Left Out: 170.715 ± 0.034 $\chi^2/\text{NDF}: 805691.8/26$

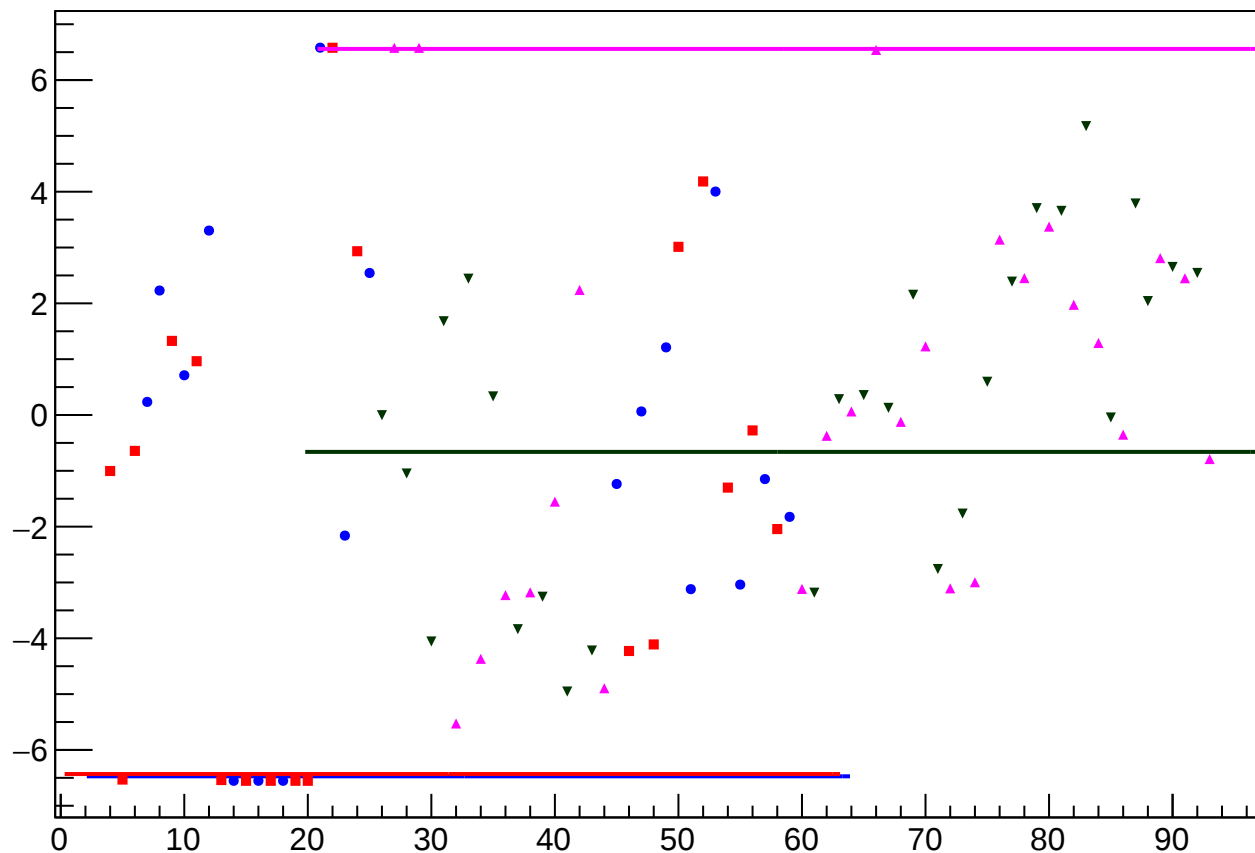
Right Out: 184.956 ± 0.042 $\chi^2/\text{NDF}: 580645.4/18$

Left In: 162.636 ± 0.031 $\chi^2/\text{NDF}: 1157339.7/25$

180.666 ± 0.026 $\chi^2/\text{NDF}: 1495969.6/44$

170.485 ± 0.025 $\chi^2/\text{NDF}: 1917227.0/44$

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -0.661+/-0.000 χ^2/NDF : 75605587.7/26

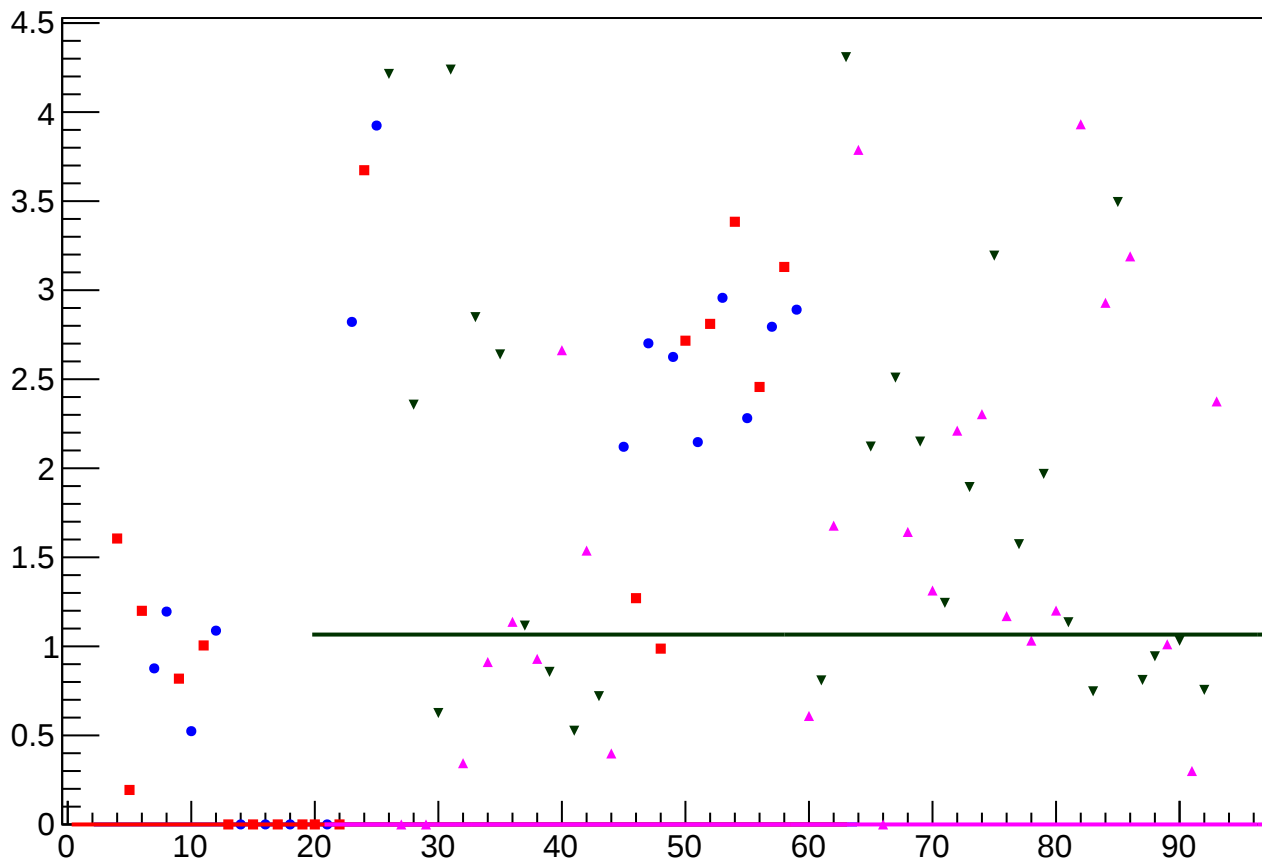
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF : 1671821211.1/25

-6.473+/-0.000 χ^2/NDF : 127848228890031.6/4

-6.196+/-0.000 χ^2/NDF : 446403109819484.0/4

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 1.066+/-0.000 χ^2/NDF : 5544729.0/26

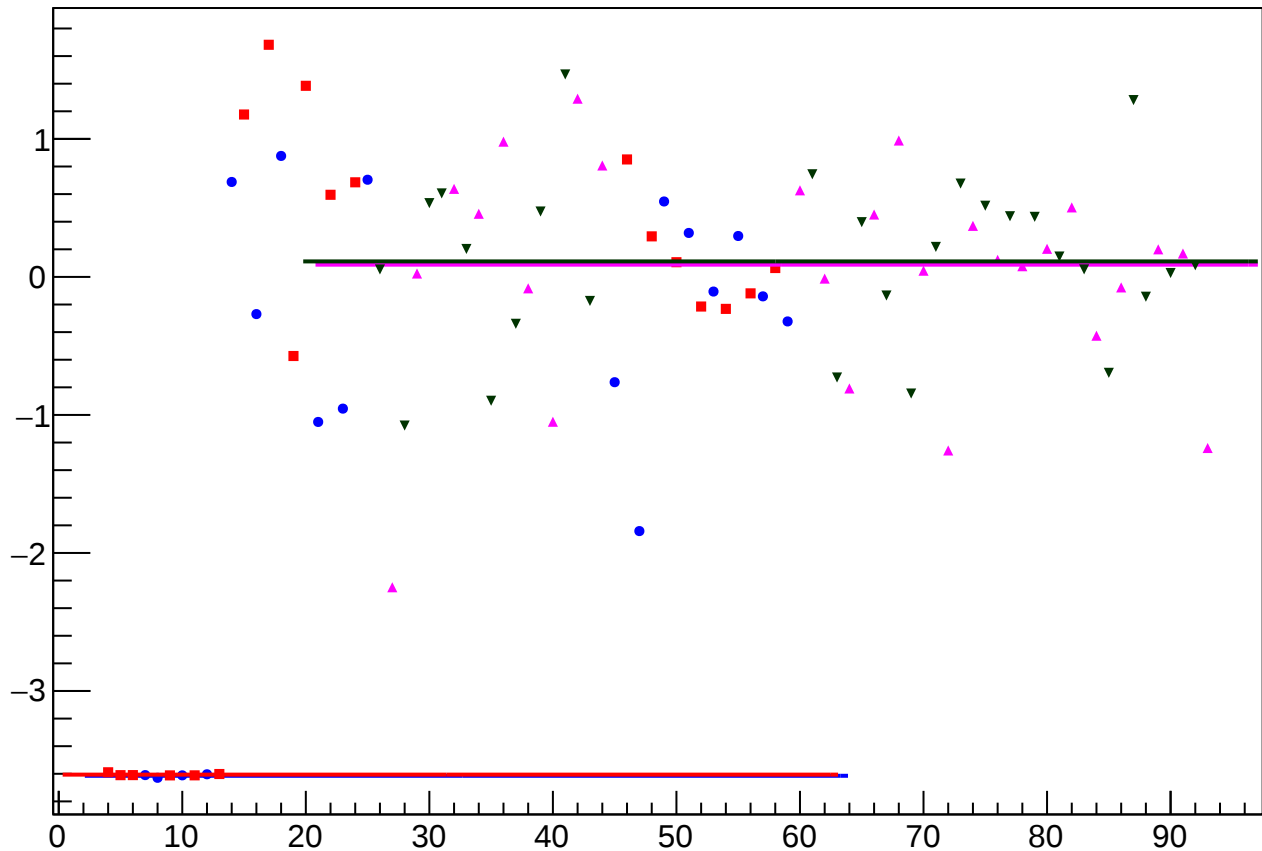
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 17314099.5/25

0.000+/-0.000 χ^2/NDF : 31185089.3/44

0.000+/-0.000 χ^2/NDF : 26940800.9/44

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

-3.614+/-0.000 χ^2/NDF : 49367241556.7/44

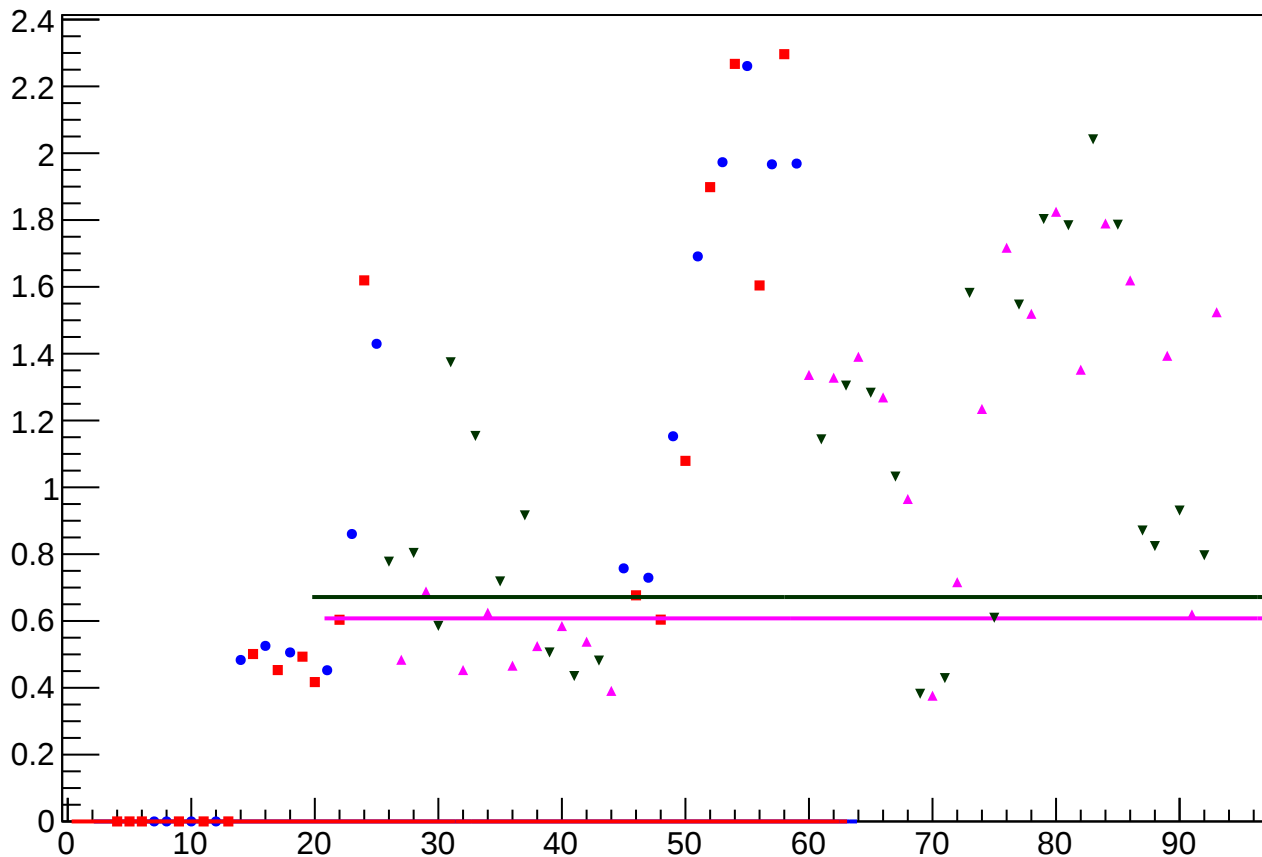
Left Out: 0.112+/-0.000 χ^2/NDF : 11124058.7/26

Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

-3.606+/-0.000 χ^2/NDF : 38146710392.2/44

Left In: 0.089+/-0.000 χ^2/NDF : 22243225.1/25

yield_cav4bY_rms vs slug



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

Left Out: 0.672+/-0.000 χ^2/NDF : 4582029.8/26

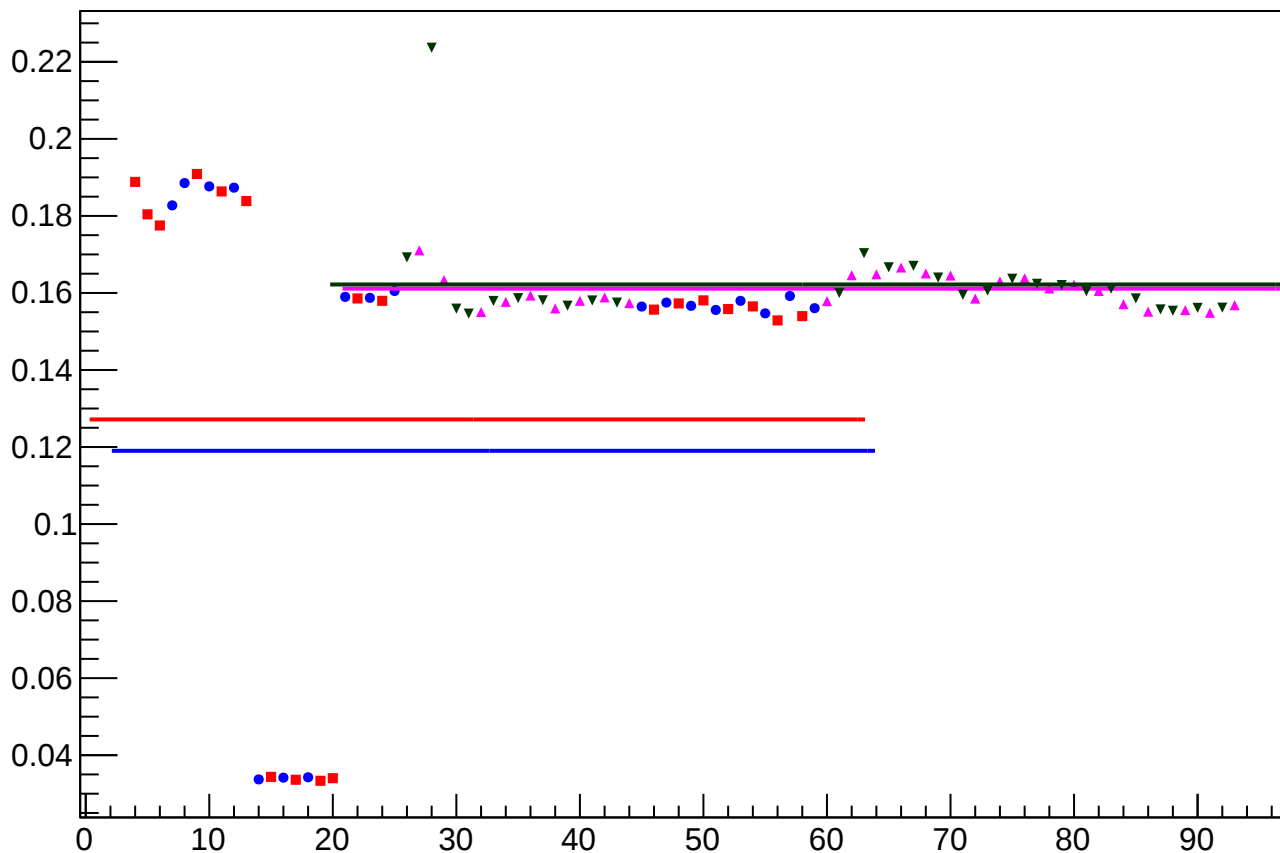
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.608+/-0.000 χ^2/NDF : 5380614.0/25

0.000+/-0.000 χ^2/NDF : 35901329.0/44

0.000+/-0.000 χ^2/NDF : 33859802.8/44

yield_cav4cX_mean vs slug



Right In: 0.119 $\pm$ 0.000 χ^2 /NDF: 4974475463.8/17

Left Out: 0.162 $\pm$ 0.000 χ^2 /NDF:105209870.1/26

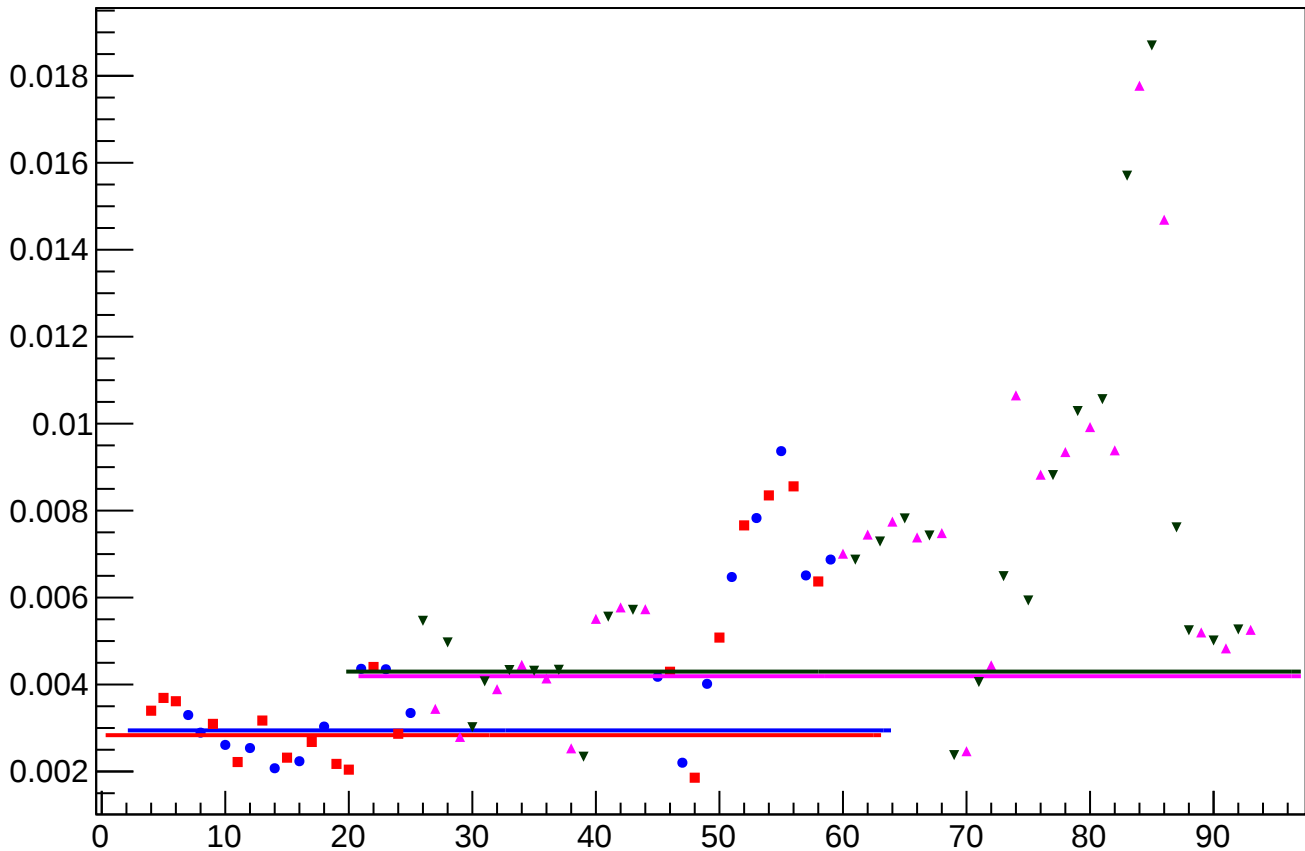
Right Out: 0.127 $\pm$ 0.000 χ^2 /NDF: 4426693928.8/18

Left In: 0.161 $\pm$ 0.000 χ^2 /NDF:15197958.9/25

0.134 $\pm$ 0.000 χ^2 /NDF: 5764823865.2/44

0.140 $\pm$ 0.000 χ^2 /NDF: 4881232074.4/44

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 : 4687220.2/26

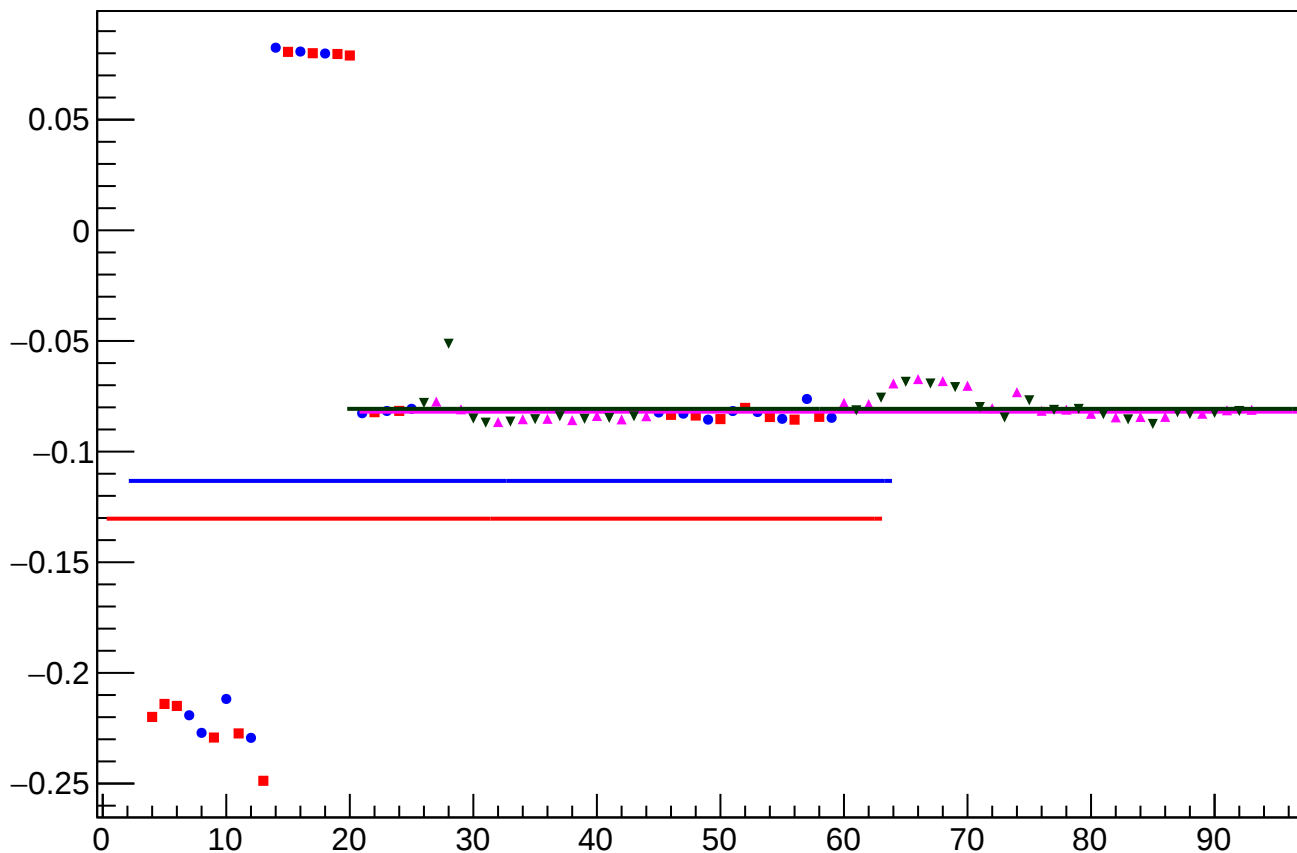
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF : 5239832.6/25

0.003+/-0.000 χ^2/NDF : 9016397.6/44

0.003+/-0.000 χ^2/NDF : 9338863.5/44

yield_cav4cY_mean vs slug



Right In: -0.113+/-0.000 χ^2/NDF : 9694608559.9/17

Left Out: -0.081+/-0.000 χ^2/NDF : 42299528.1/26

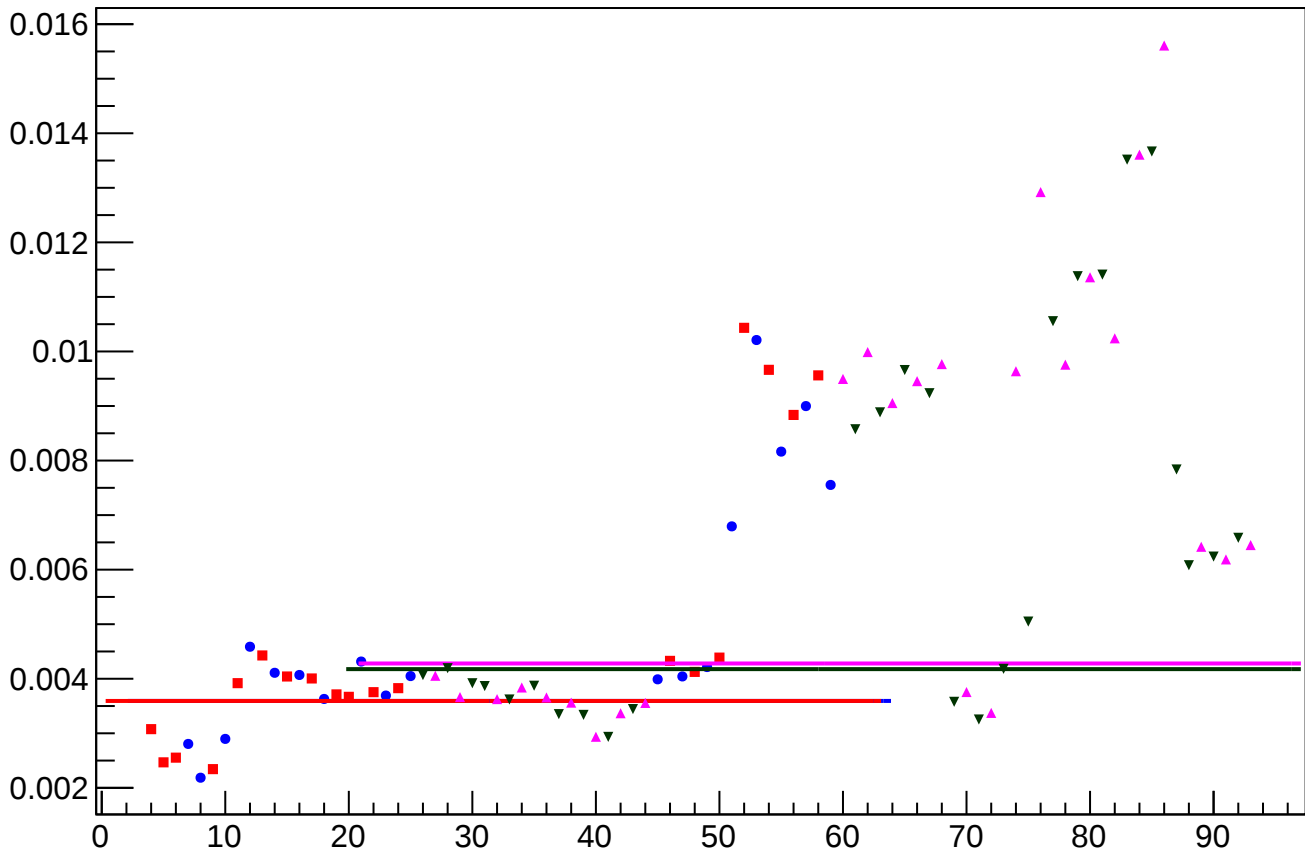
Right Out: -0.130+/-0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.082+/-0.000 χ^2/NDF : 13431815.5/25

-0.098+/-0.000 χ^2/NDF : 10084196399.6/44

-0.107+/-0.000 χ^2/NDF : 9588108415.9/44

yield_cav4cY_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2/NDF : 2636393.6/17

Left Out: 0.004 $\pm$ 0.000 χ^2/NDF : 3876912.4/26

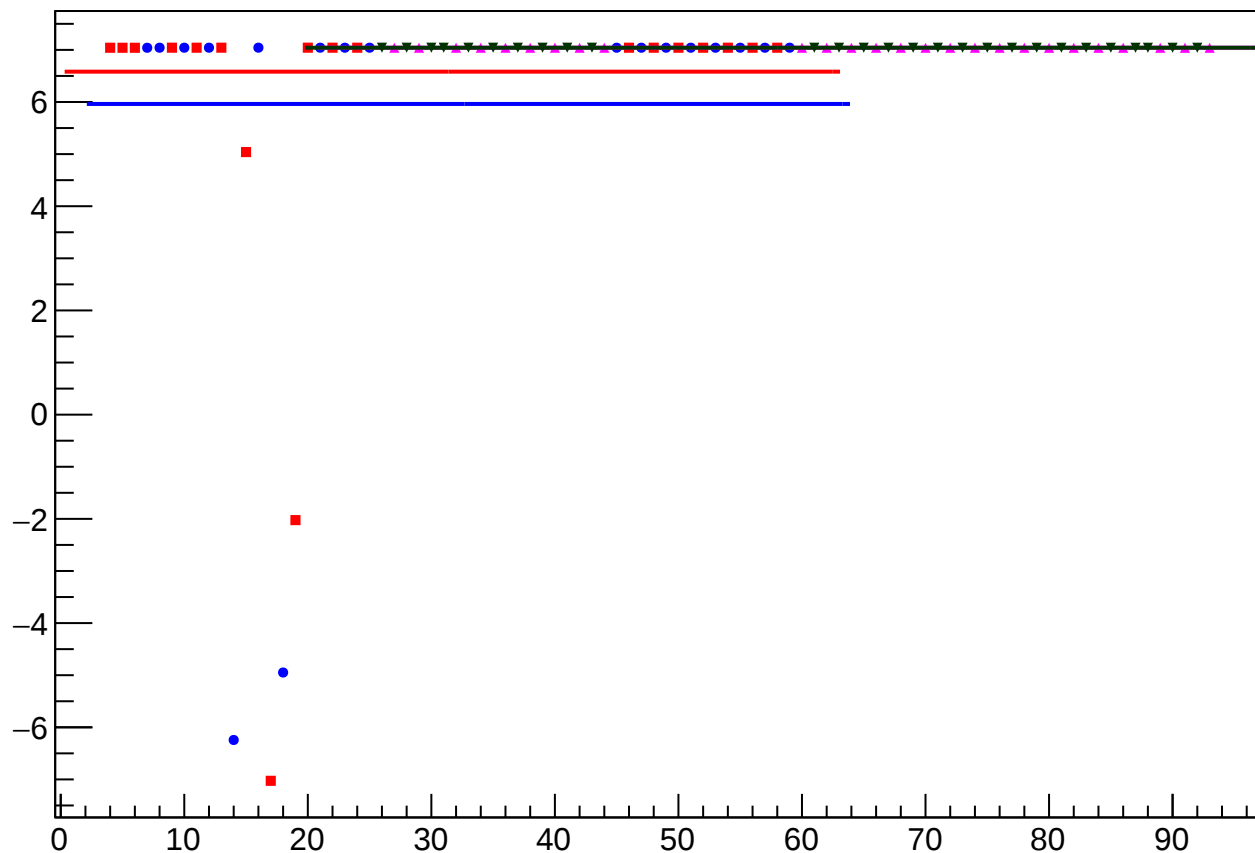
Right Out: 0.004 $\pm$ 0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004 $\pm$ 0.000 χ^2/NDF : 4718760.1/25

0.004 $\pm$ 0.000 χ^2/NDF : 6736021.3/44

0.004 $\pm$ 0.000 χ^2/NDF : 7229585.3/44

yield_cav4dX_mean vs slug



Right In: 5.962+/-0.000 χ^2/NDF : 4616105002600912.0/17

Left Out: 7.042+/-0.000 χ^2/NDF : 57671929.0/26

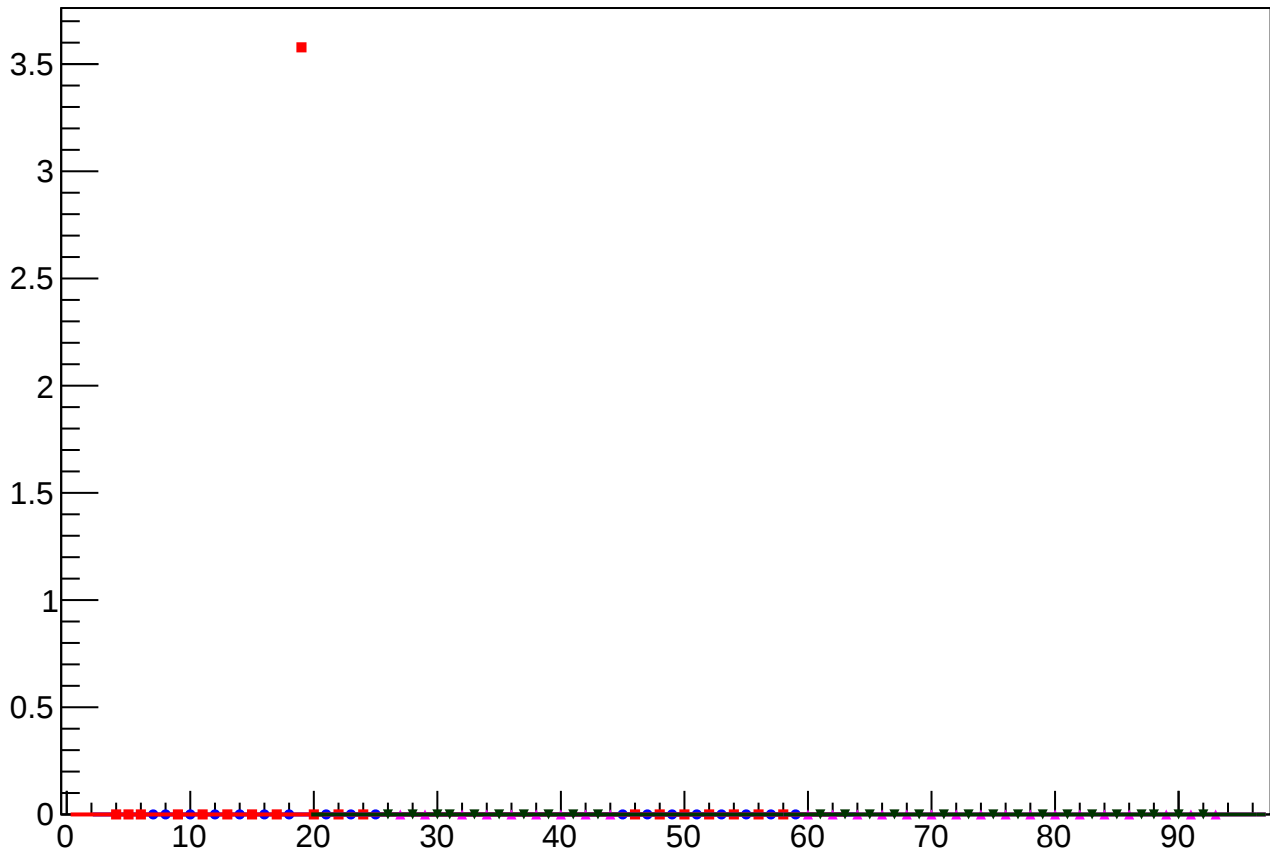
Right Out: 6.582+/-0.000 χ^2/NDF : 1856853993700647.2/18

Left In: 7.042+/-0.000 χ^2/NDF : 60439722.7/25

6.569+/-0.000 χ^2/NDF : 4850072968781352.0/4

6.862+/-0.000 χ^2/NDF : 1896275733638060.0/4

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 : 8912.0/26

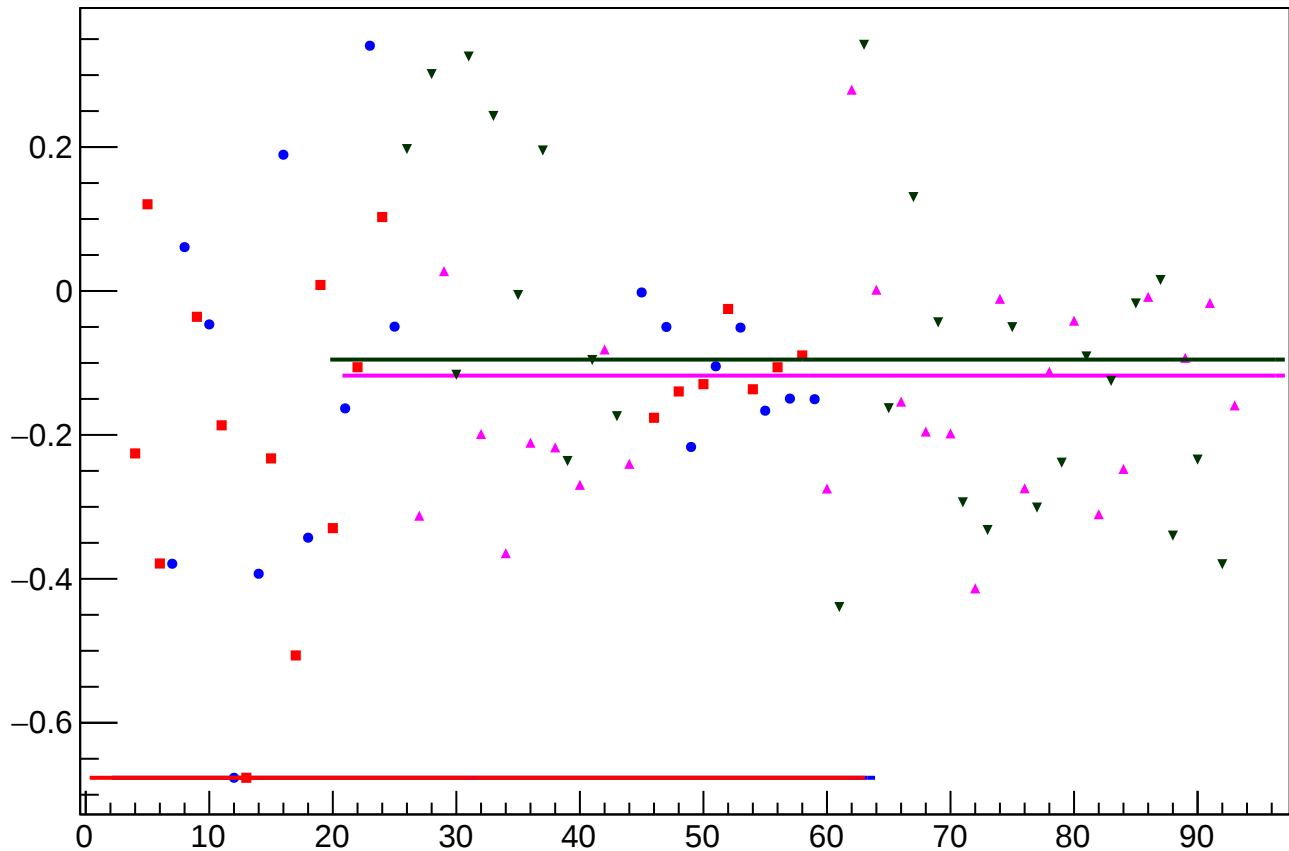
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 9307.3/25

0.000+/-0.000 χ^2/NDF : 17302.1/44

0.000+/-0.000 χ^2/NDF : 712373.6/44

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.095+/-0.000 χ^2/NDF : 38734010.9/26

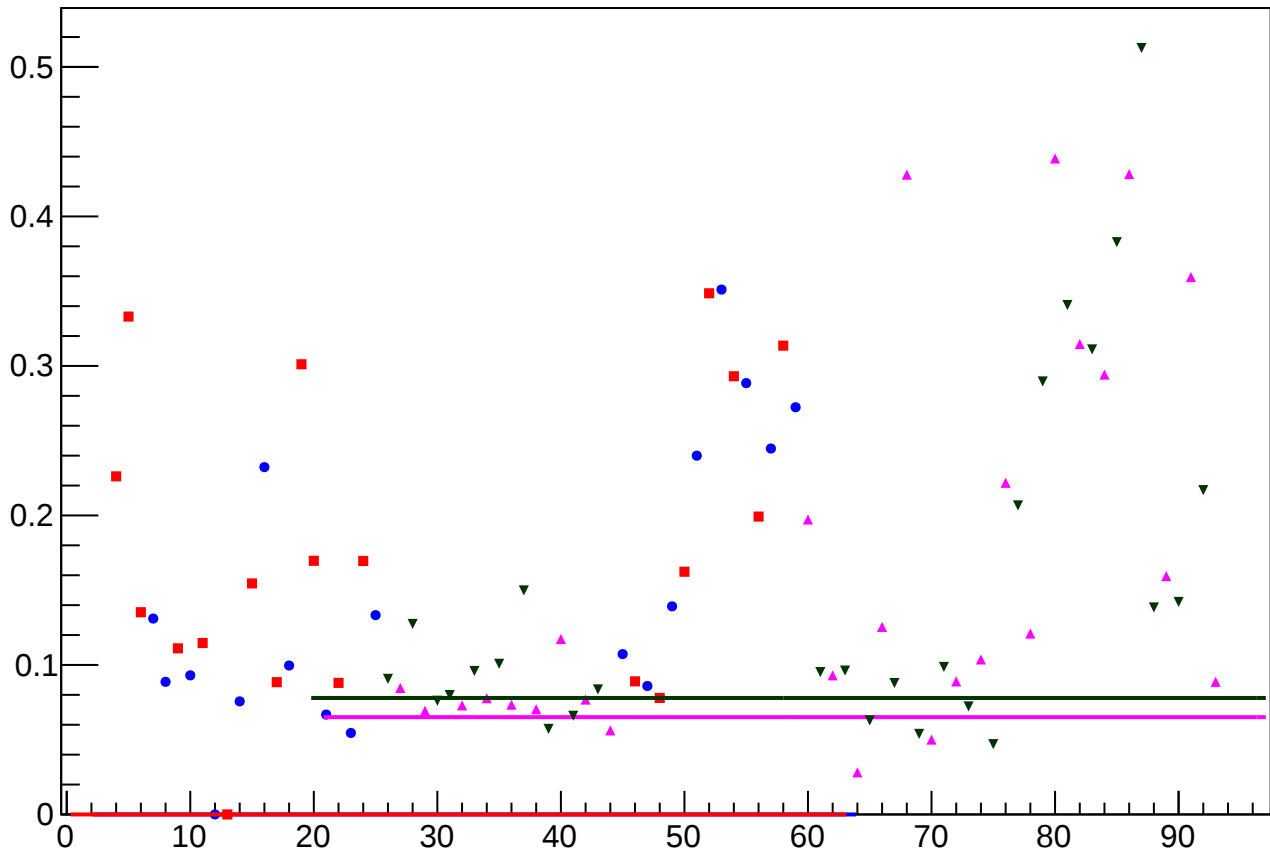
-0.676+/-0.000 χ^2/NDF : 695835934.6/44

Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

-0.676+/-0.000 χ^2/NDF : 642303704.0/44

Left In: -0.118+/-0.000 χ^2/NDF : 29976646.4/25

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.078+/-0.000 χ^2/NDF : 4276441.0/26

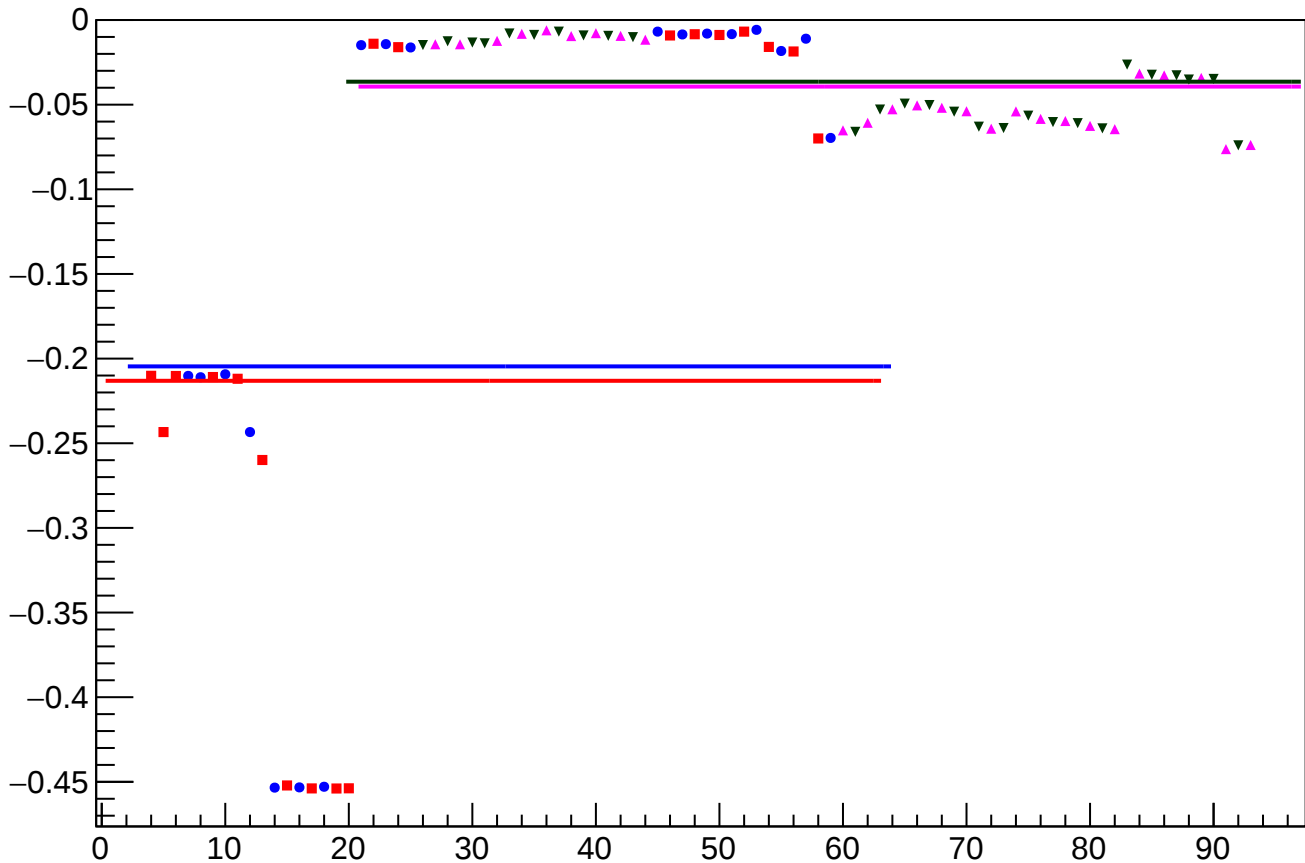
0.000+/-0.000 χ^2/NDF : 34509281.3/44

Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

0.000+/-0.000 χ^2/NDF : 34777682.5/44

Left In: 0.065+/-0.000 χ^2/NDF : 7179470.4/25

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.036+/-0.000 χ^2/NDF : 78404783.5/26

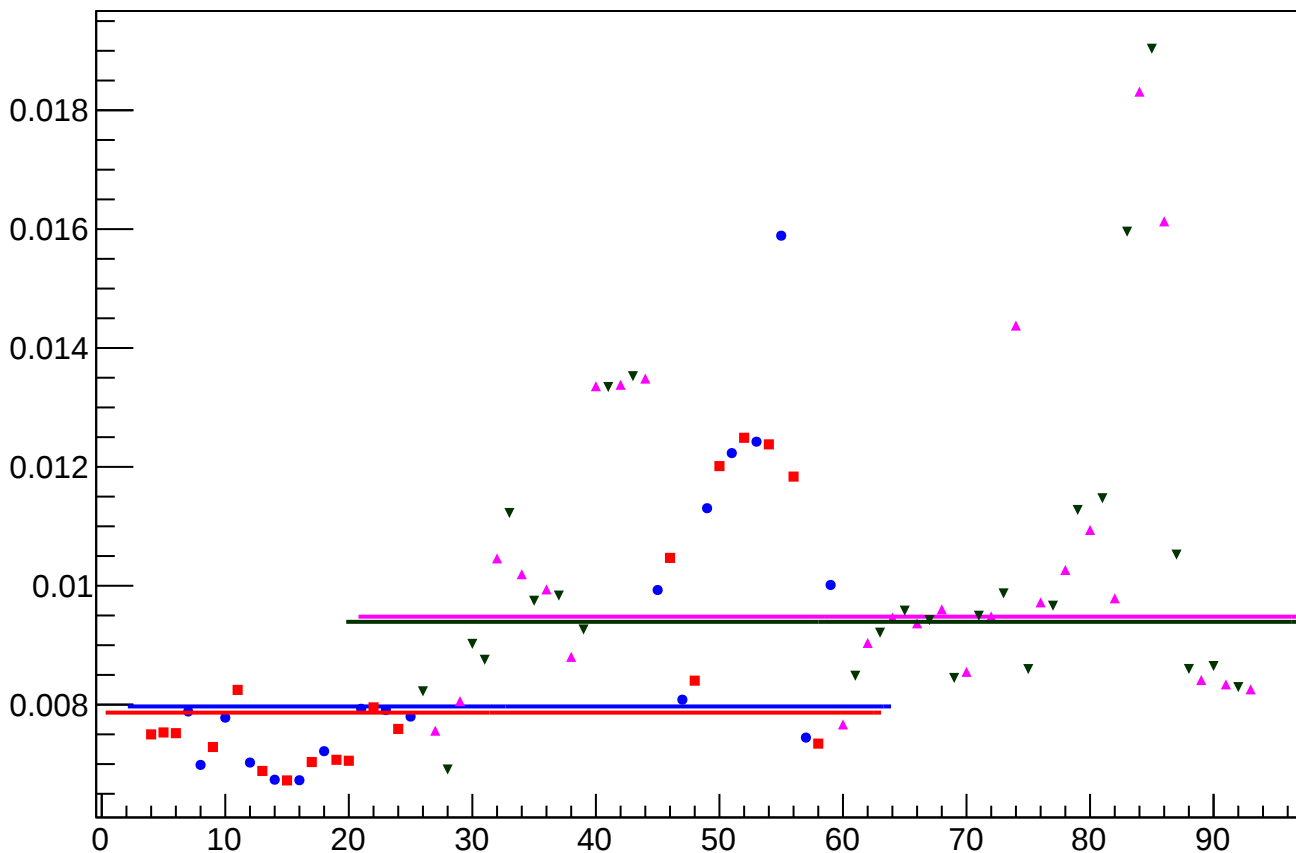
-0.127+/-0.000 χ^2/NDF : 7799873365.0/44

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.128+/-0.000 χ^2/NDF : 6510670640.5/44

Left In: -0.039+/-0.000 χ^2/NDF : 88619255.2/25

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 : 971021.6/26

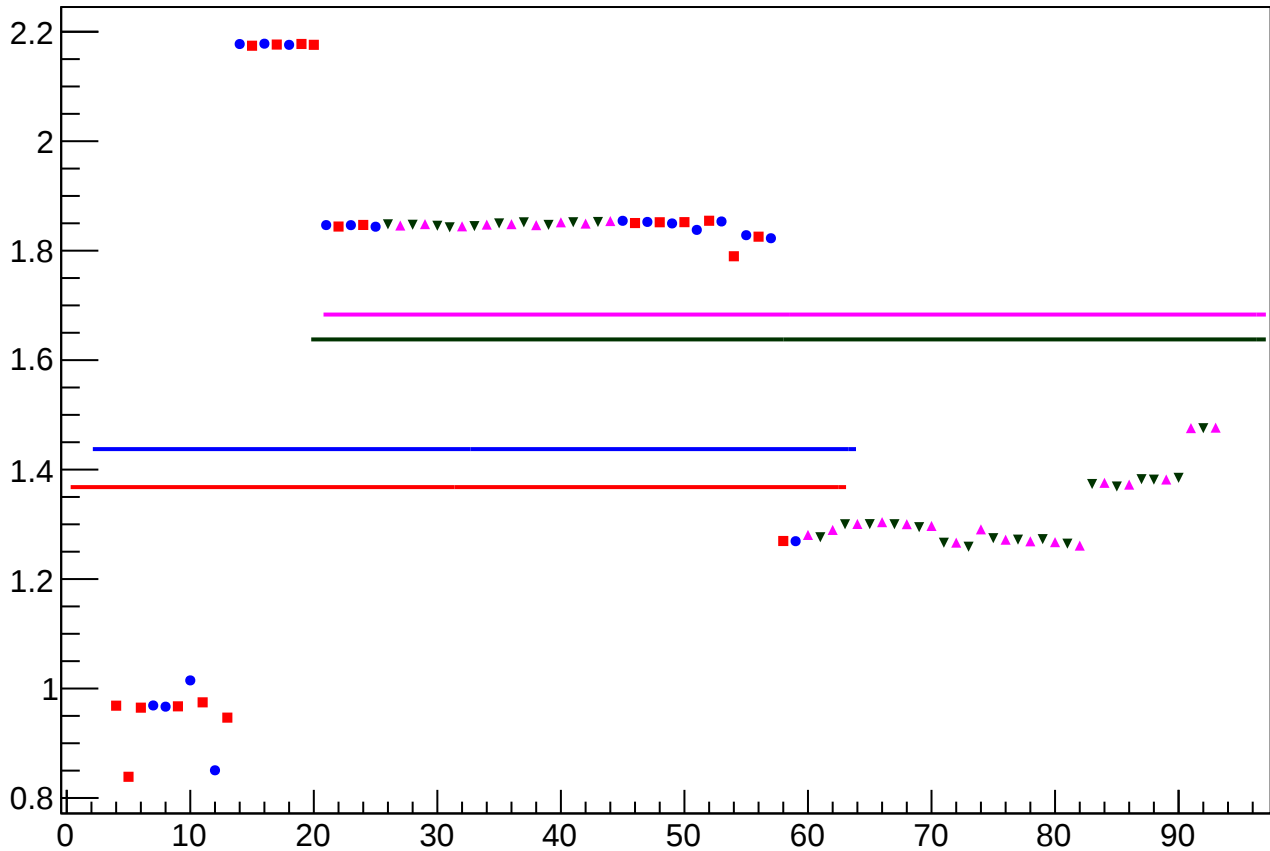
Right Out: 0.008+/-0.000 χ^2/NDF : 696189.4/18

Left In: 0.009+/-0.000 χ^2/NDF : 1126364.2/25

0.009+/-0.000 χ^2/NDF : 2227340.4/44

0.009+/-0.000 χ^2/NDF : 2215923.7/44

yield_bpm4aY_mean vs slug



Right In: 1.437 $\pm$ 0.000 χ^2 /NDF: 14236590294.3/17

Left Out: 1.638 $\pm$ 0.000 χ^2 /NDF: 3266370199.8/26

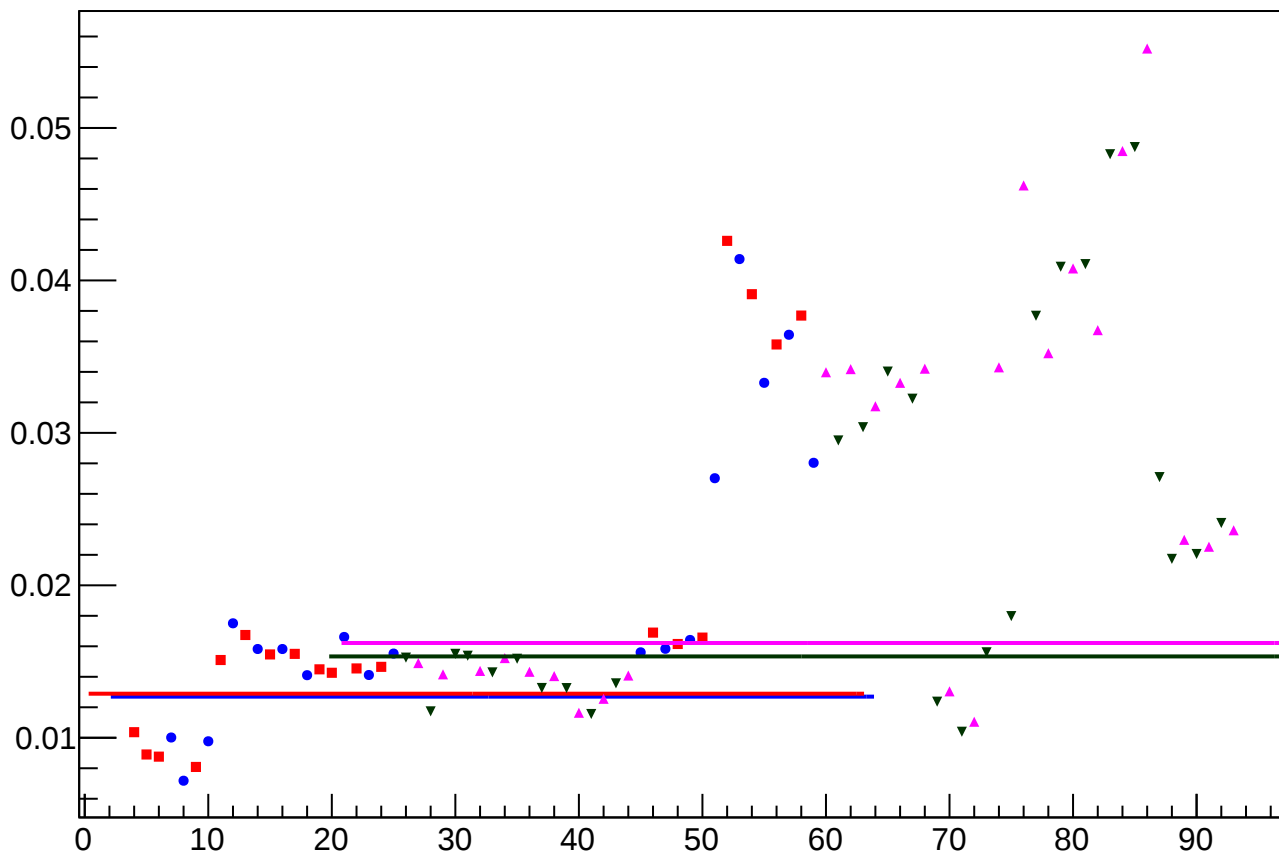
1.528 $\pm$ 0.000 χ^2 /NDF: 18492558108.2/44

Right Out: 1.368 $\pm$ 0.000 χ^2 /NDF: 12592500418.8/18

1.513 $\pm$ 0.000 χ^2 /NDF: 17355657229.5/44

Left In: 1.683 $\pm$ 0.000 χ^2 /NDF: 2558701361.2/25

yield_bpm4aY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 3534875.5/17

Left Out: 0.015+/-0.000 χ^2/NDF : 3767218.6/26

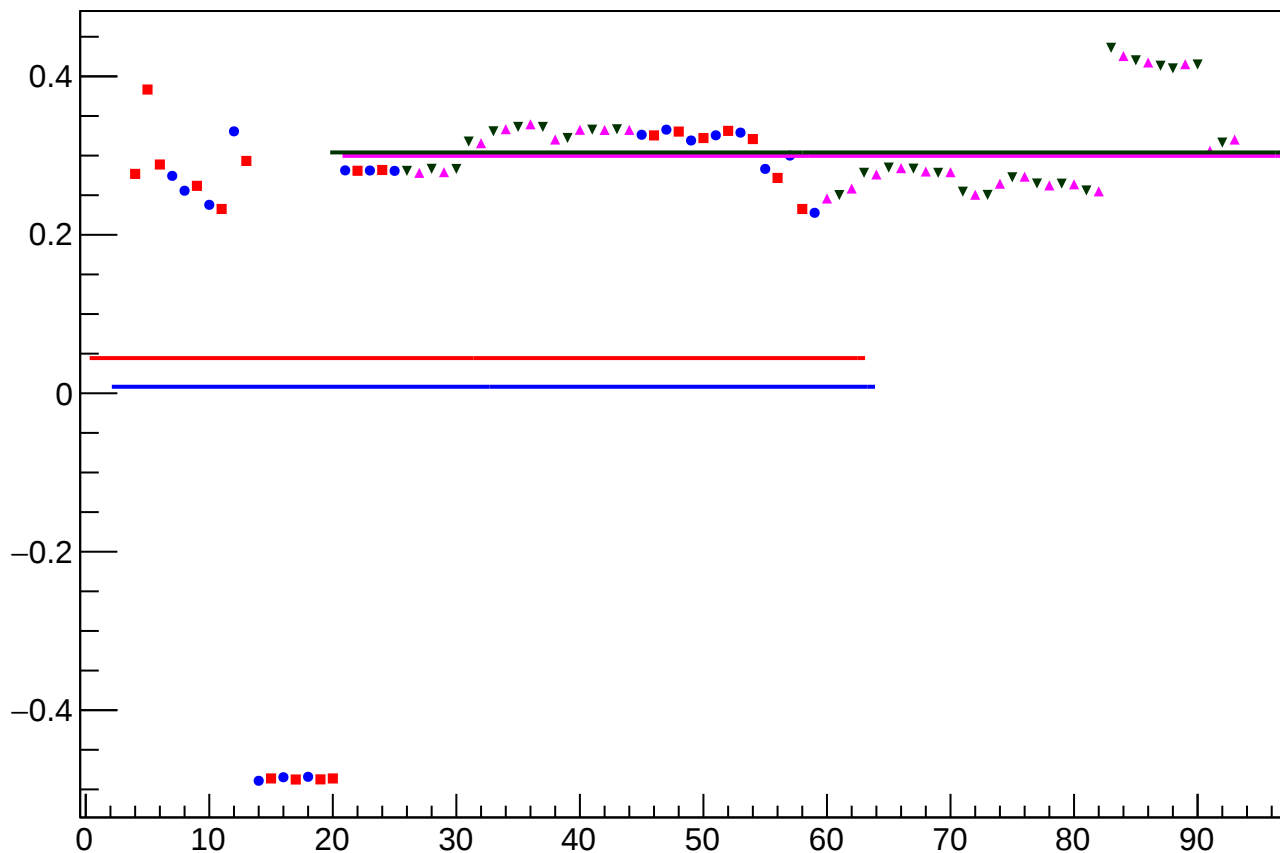
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.016+/-0.000 χ^2/NDF : 4382341.7/25

0.014+/-0.000 χ^2/NDF : 7644932.4/44

0.014+/-0.000 χ^2/NDF : 7687905.6/44

yield_bpm4eX_mean vs slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 3589016563.4/17

Left Out: 0.304 $\pm$ 0.000 χ^2 /NDF:27500195.5/26

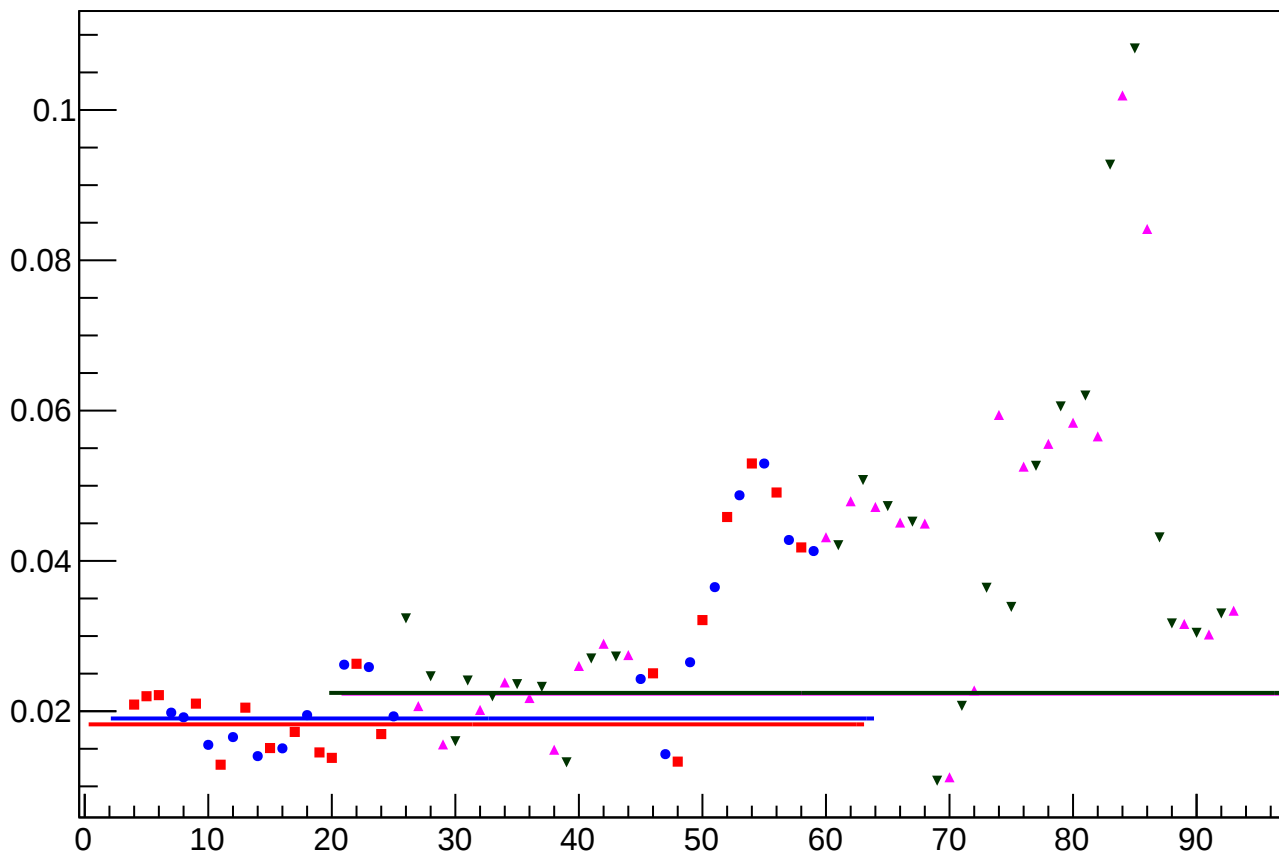
Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 3156873410.8/18

Left In: 0.300 $\pm$ 0.000 χ^2 /NDF:21888513.2/25

0.136 $\pm$ 0.000 χ^2 /NDF: 4593376083.1/44

0.160 $\pm$ 0.000 χ^2 /NDF: 3914959299.2/44

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 2594784.8/17

Left Out: 0.022+/-0.000 χ^2/NDF : 5686262.1/26

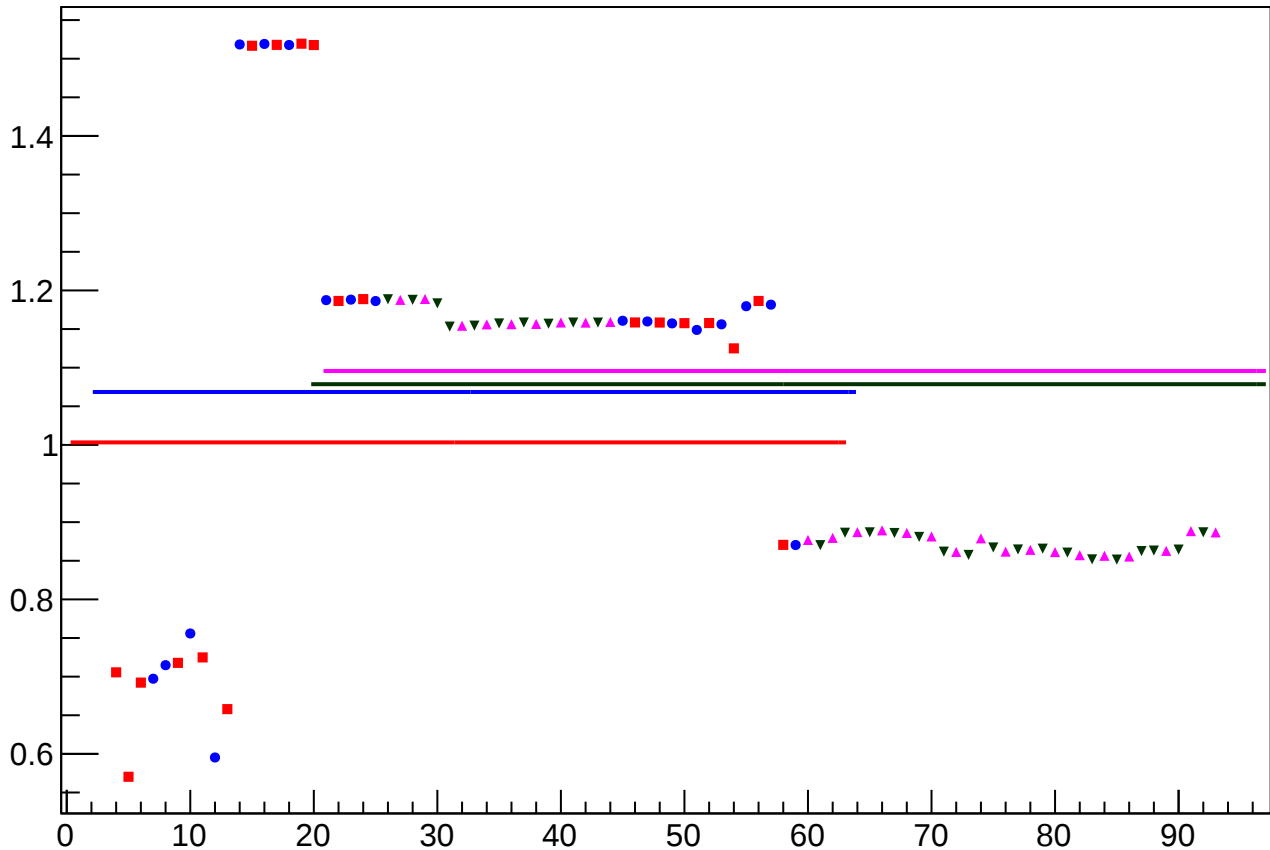
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.022+/-0.000 χ^2/NDF : 6058095.2/25

0.021+/-0.000 χ^2/NDF : 8539912.1/44

0.020+/-0.000 χ^2/NDF : 8920633.1/44

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.079+/-0.000 χ^2/NDF : 1754056181.9/26

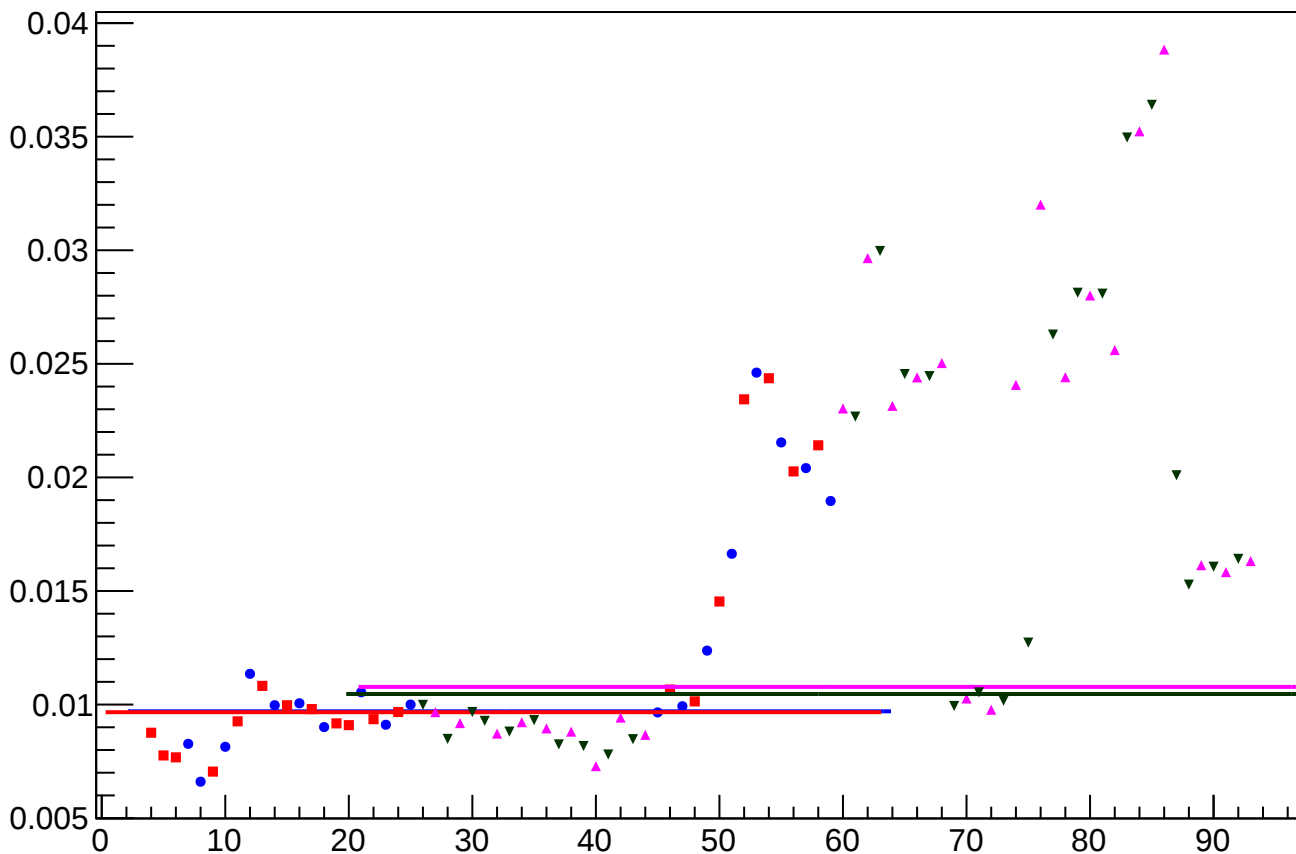
1.073+/-0.000 χ^2/NDF : 12307279012.8/44

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.049+/-0.000 χ^2/NDF : 12091864384.3/44

Left In: 1.096+/-0.000 χ^2/NDF : 1410422453.3/25

yield_bpm4eY_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 1905622.6/17

Left Out: 0.010+/-0.000 χ^2/NDF : 4048958.5/26

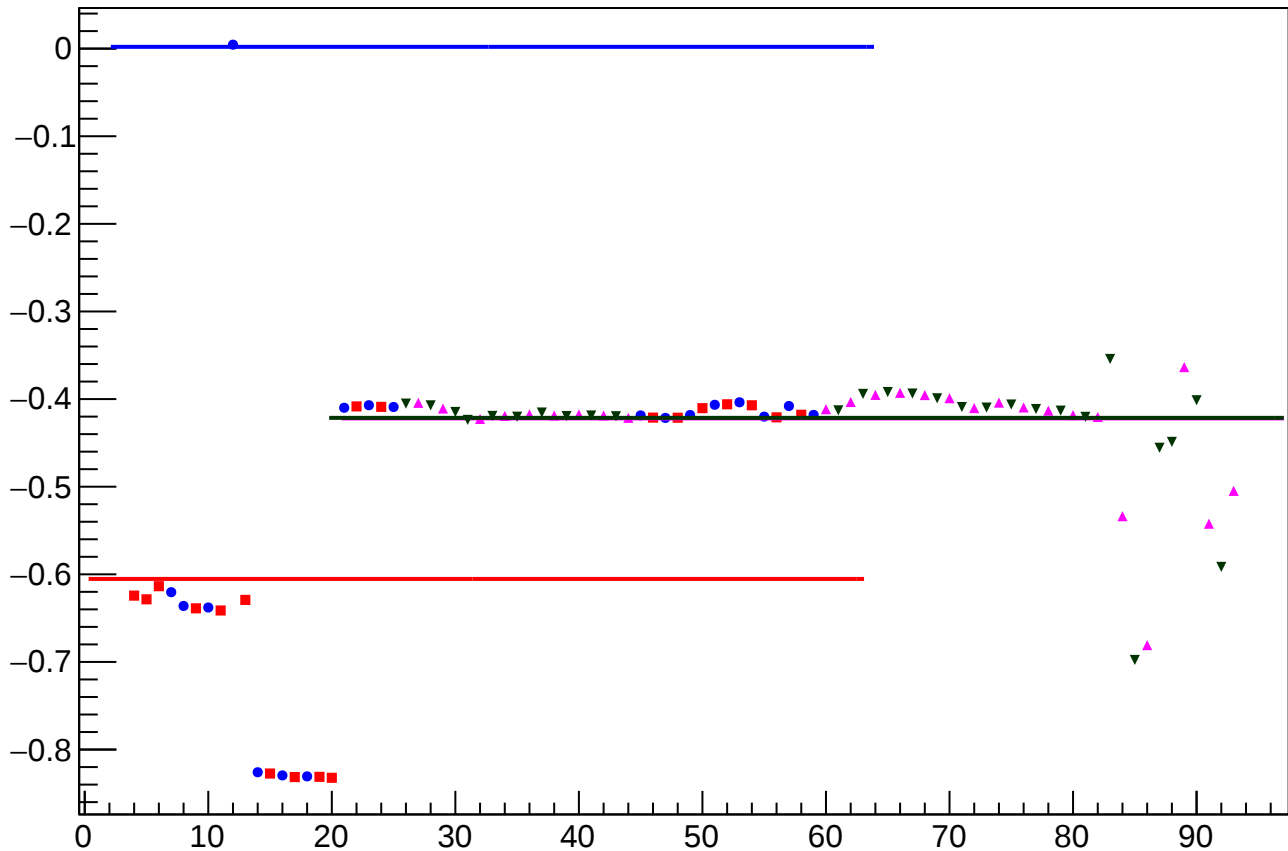
Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

Left In: 0.011+/-0.000 χ^2/NDF : 4793874.3/25

0.010+/-0.000 χ^2/NDF : 6011768.7/44

0.010+/-0.000 χ^2/NDF : 6504230.2/44

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.421 $\pm$ 0.000 χ^2 /NDF: 339814258.8/26

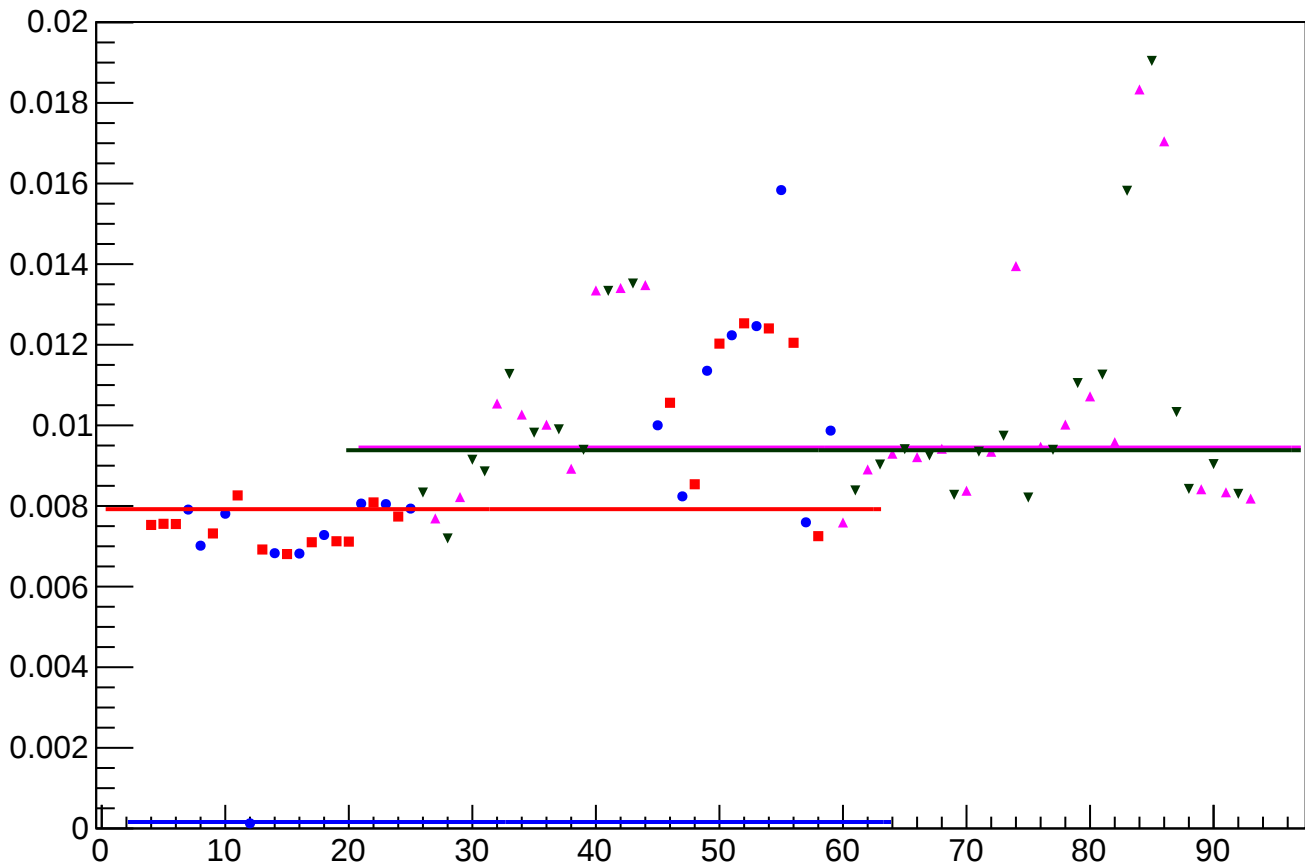
0.000 $\pm$ 0.000 χ^2 /NDF: 85706094390.0/44

Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

-0.514 $\pm$ 0.000 χ^2 /NDF: 6668502608.6/44

Left In: -0.422 $\pm$ 0.000 χ^2 /NDF: 327377225.4/25

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 : 921555.0/26

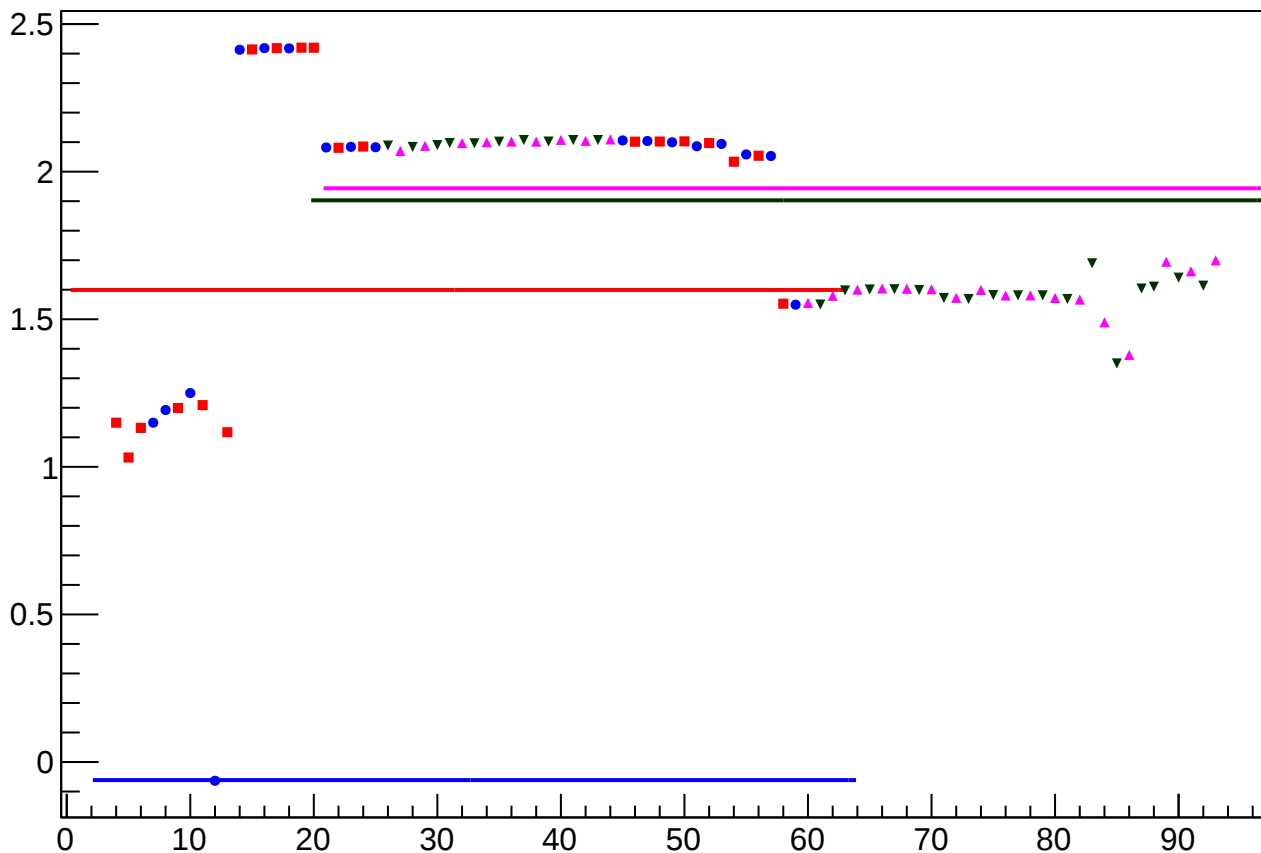
Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

Left In: 0.009+/-0.000 χ^2/NDF : 1123294.7/25

0.000+/-0.000 χ^2/NDF : 45489953.5/44

0.009+/-0.000 χ^2/NDF : 2171990.1/44

yield_bpm4acY_mean vs slug



Right In: -0.061±/-0.000 χ^2/NDF : 171003968524.2/17

Left Out: 1.903±/-0.000 χ^2/NDF : 2723238032.4/26

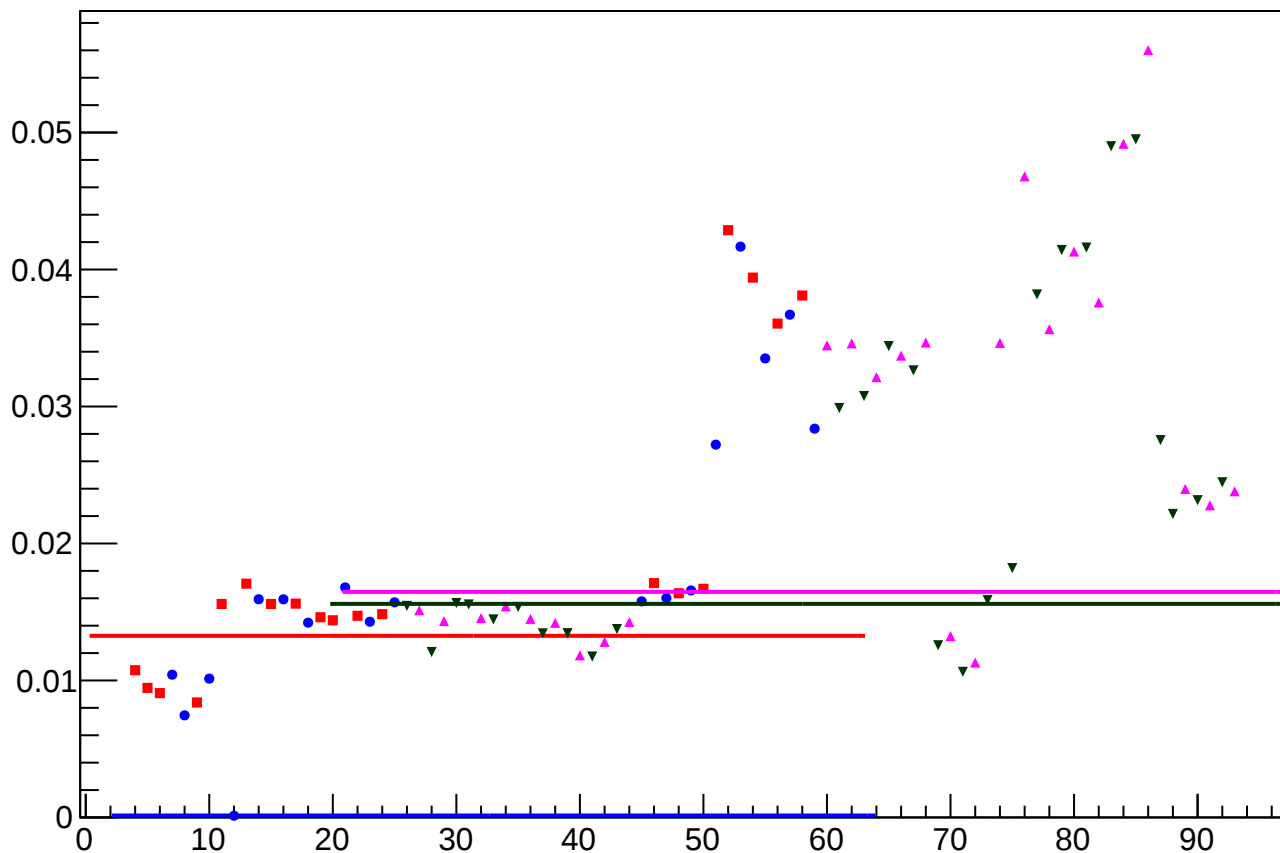
-0.059±/-0.000 χ^2/NDF : 340879491859.8/44

Right Out: 1.599±/-0.000 χ^2/NDF : 13096029057.2/18

1.759±/-0.000 χ^2/NDF : 17747756502.9/44

Left In: 1.944±/-0.000 χ^2/NDF : 2126493585.3/25

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19632783.5/17

Left Out: 0.016+/-0.000 χ^2/NDF : 3745161.7/26

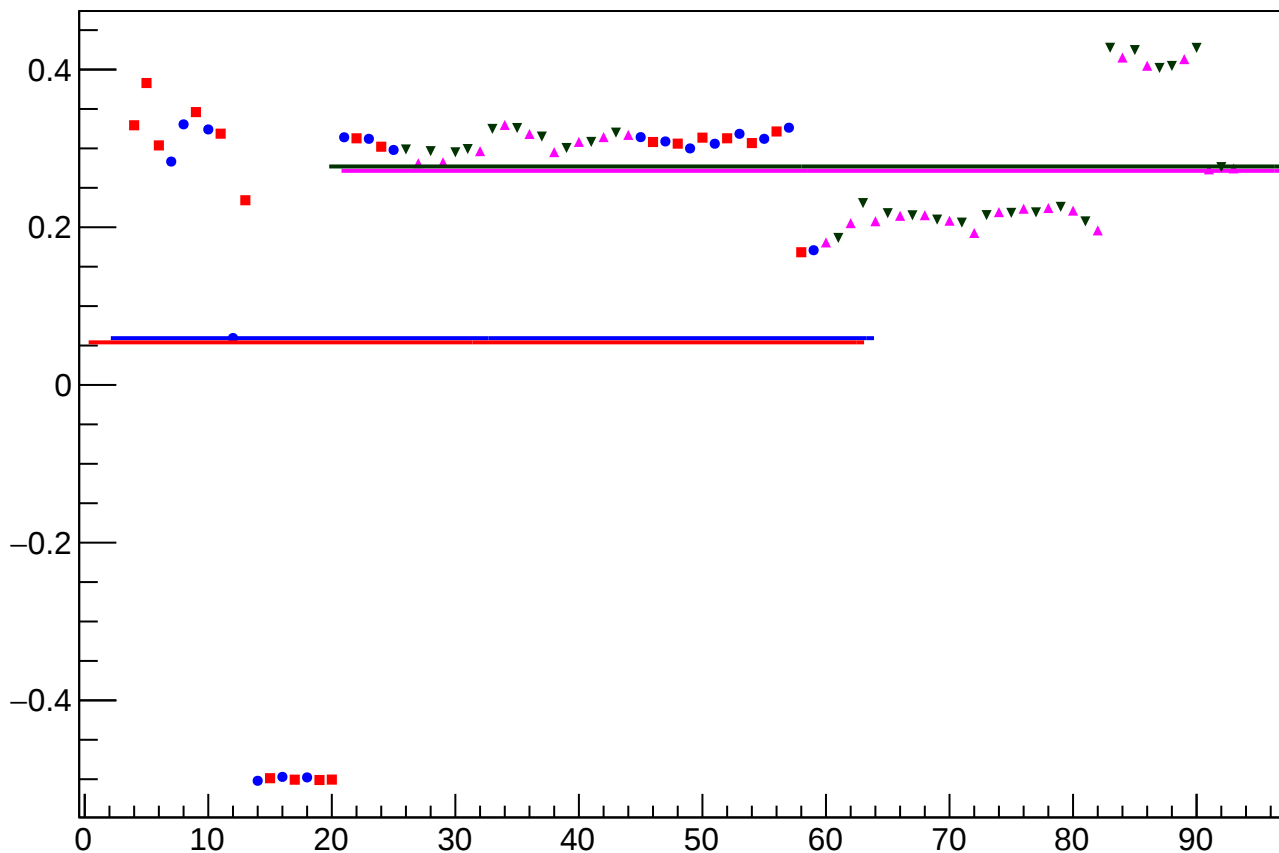
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.016+/-0.000 χ^2/NDF : 4369236.5/25

0.000+/-0.000 χ^2/NDF : 44060903.6/44

0.015+/-0.000 χ^2/NDF : 7498072.3/44

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.277+/-0.000 χ^2/NDF : 61763708.0/26

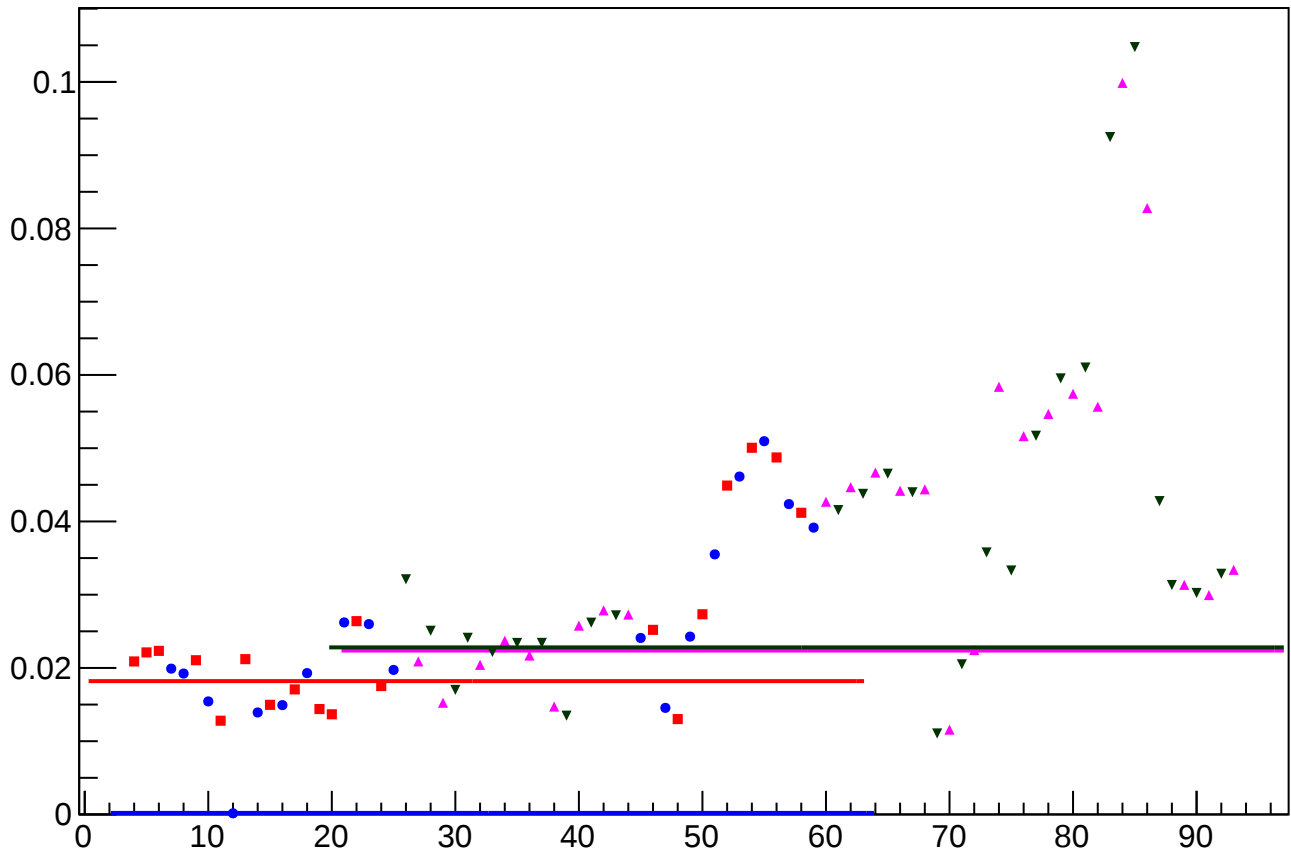
0.060+/-0.000 χ^2/NDF : 4870679653.3/44

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.153+/-0.000 χ^2/NDF : 4099779090.0/44

Left In: 0.272+/-0.000 χ^2/NDF : 50475053.8/25

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.023+/-0.000 χ^2/NDF : 5309305.9/26

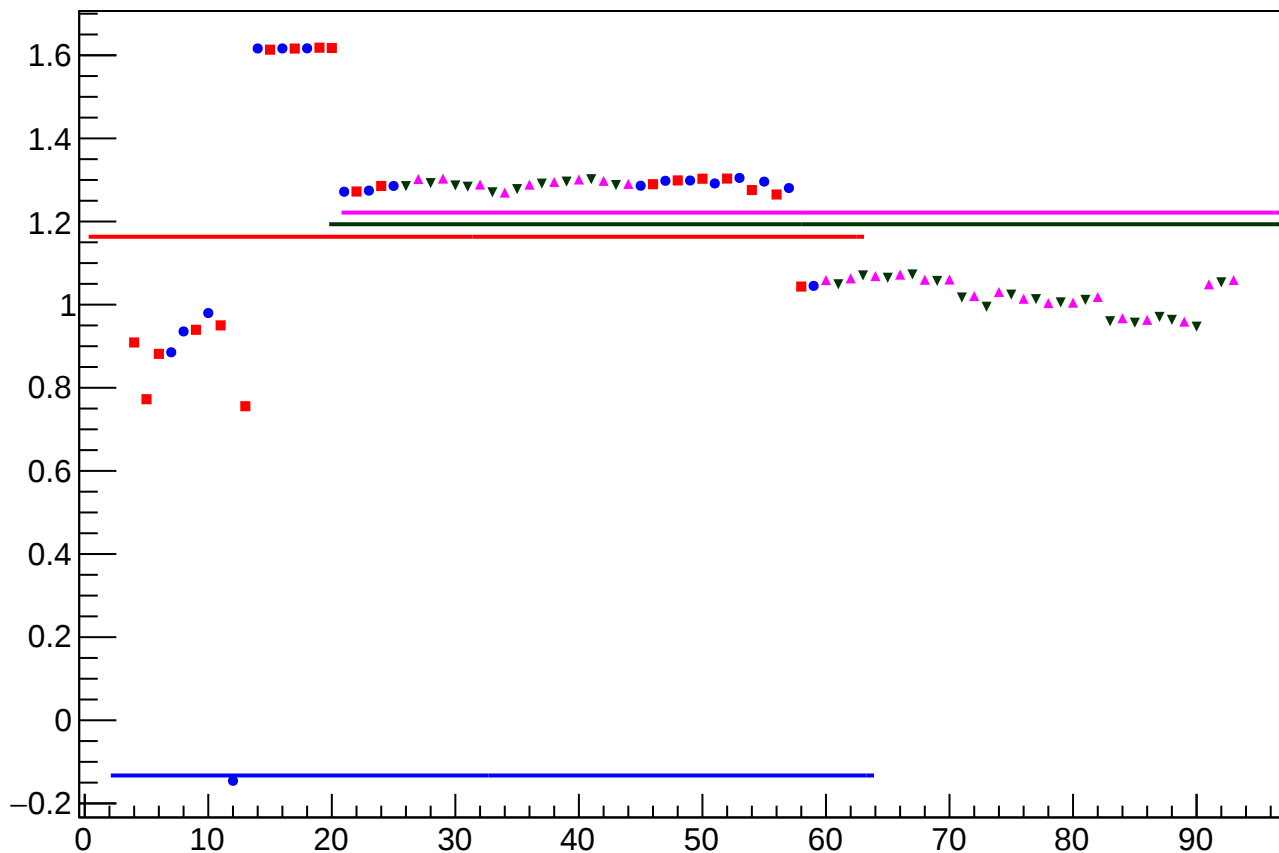
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.022+/-0.000 χ^2/NDF : 5870545.0/25

0.000+/-0.000 χ^2/NDF : 44877224.1/44

0.020+/-0.000 χ^2/NDF : 8689723.8/44

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.193+/-0.000 χ^2/NDF :1325975878.2/26

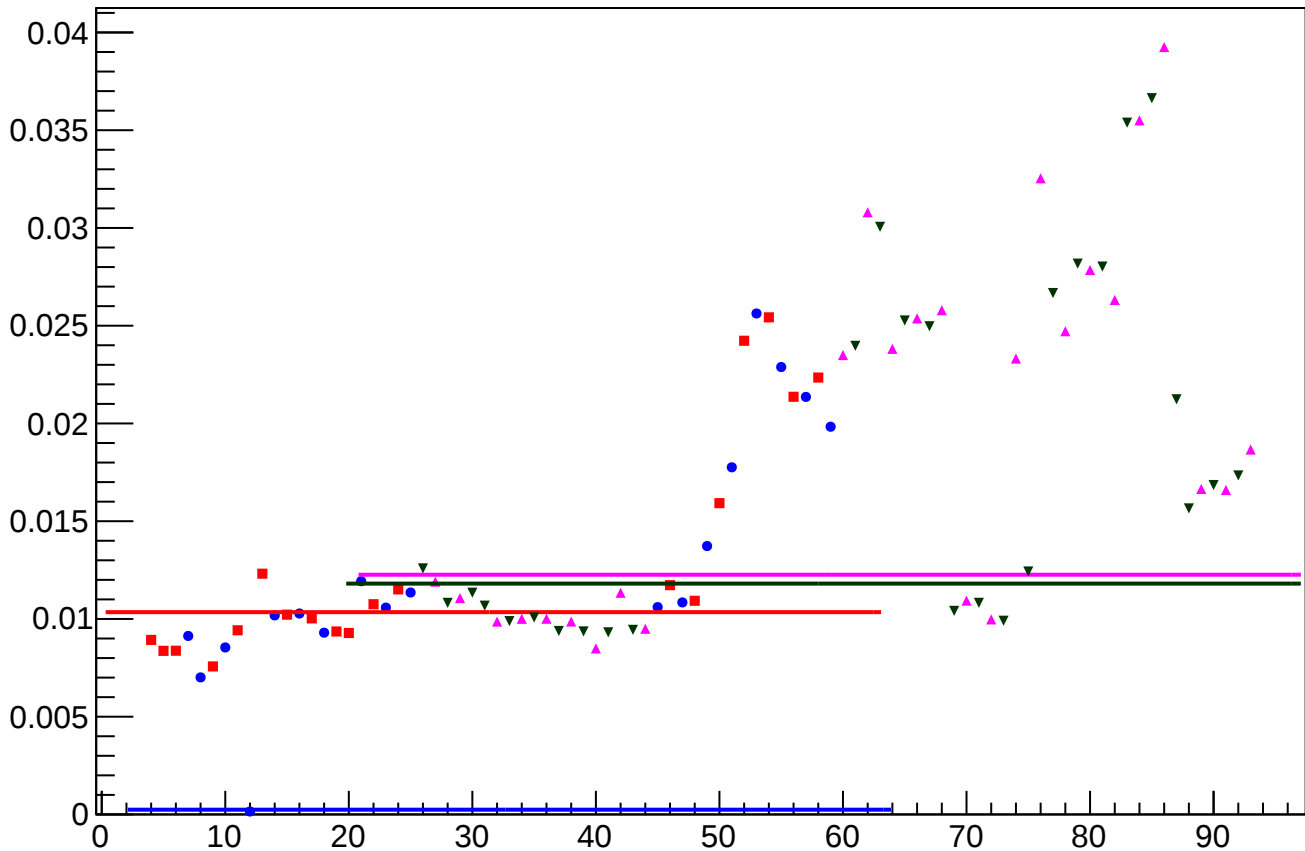
Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

Left In: 1.221+/-0.000 χ^2/NDF :1000632704.3/25

-0.122+/-0.000 χ^2/NDF : 305235398944.1/44

1.191+/-0.000 χ^2/NDF : 8381342131.2/44

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19204976.4/17

Left Out: 0.012+/-0.000 χ^2/NDF : 3471043.5/26

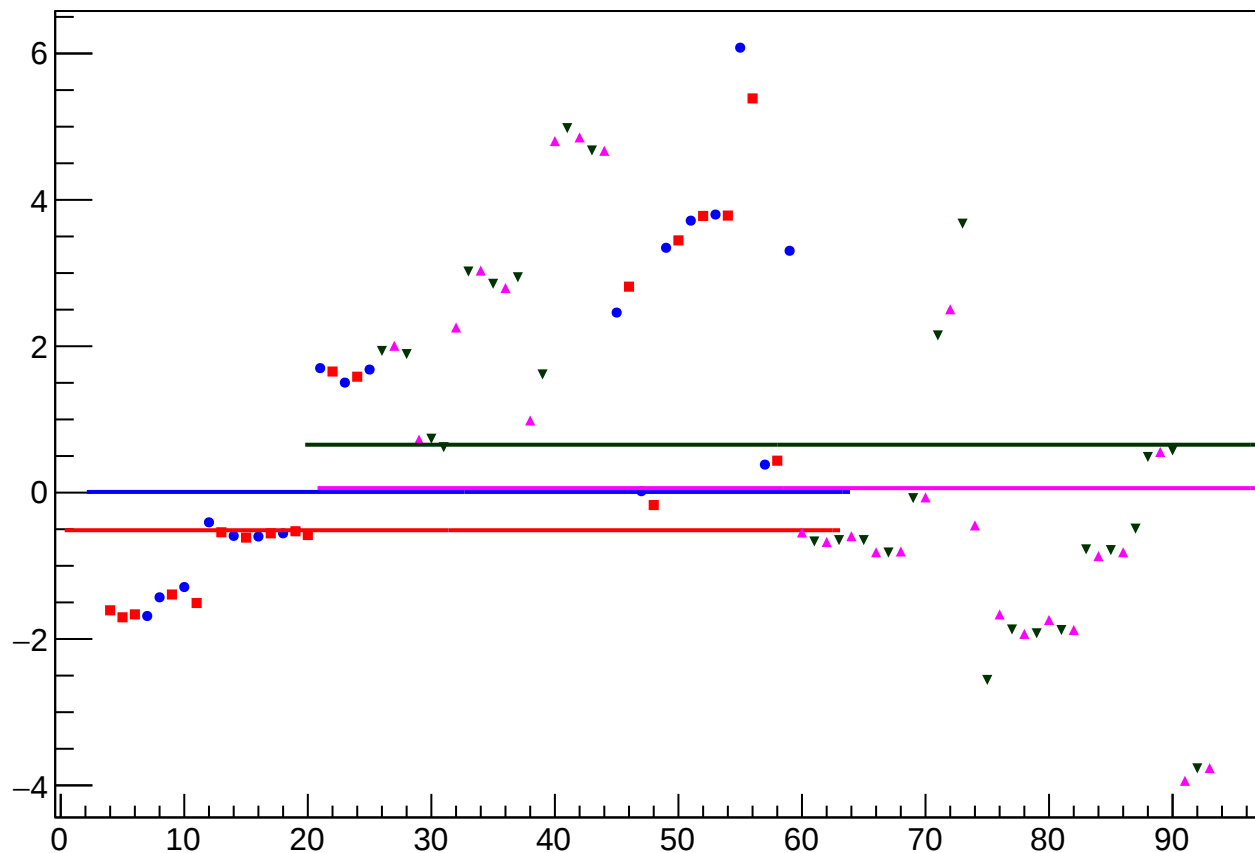
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.012+/-0.000 χ^2/NDF : 4198342.6/25

0.000+/-0.000 χ^2/NDF : 43141406.4/44

0.011+/-0.000 χ^2/NDF : 6095446.9/44

yield_bpm1X_mean vs slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 18135045883.2/17

Left Out: 0.655 $\pm$ 0.000 χ^2 /NDF: 5164443143.2/26

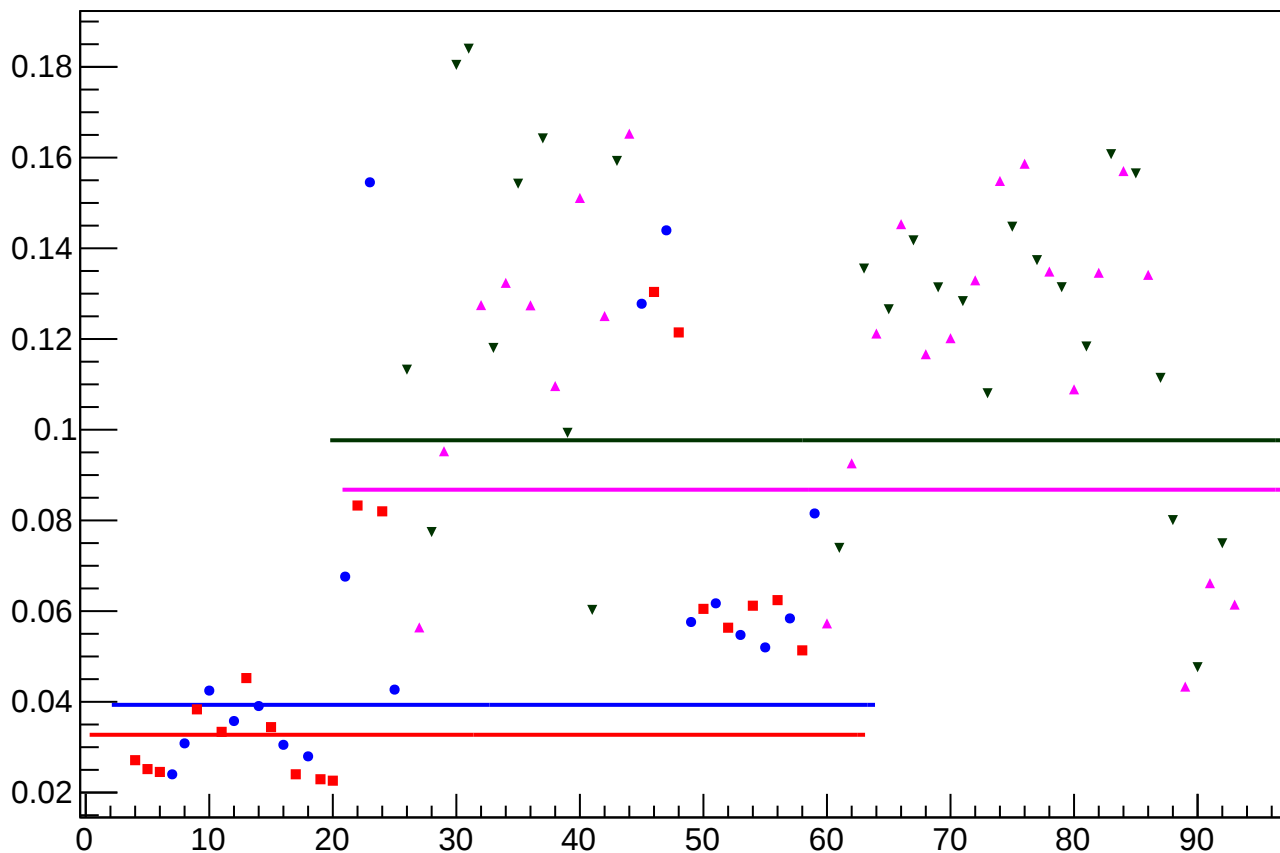
Right Out: -0.514 $\pm$ 0.000 χ^2 /NDF: 14474436949.2/18

Left In: 0.061 $\pm$ 0.000 χ^2 /NDF: 6083546925.4/25

0.122 $\pm$ 0.000 χ^2 /NDF: 23644182220.2/44

-0.413 $\pm$ 0.000 χ^2 /NDF: 20914048958.8/44

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.098+/-0.000 χ^2/NDF : 3010939.8/26

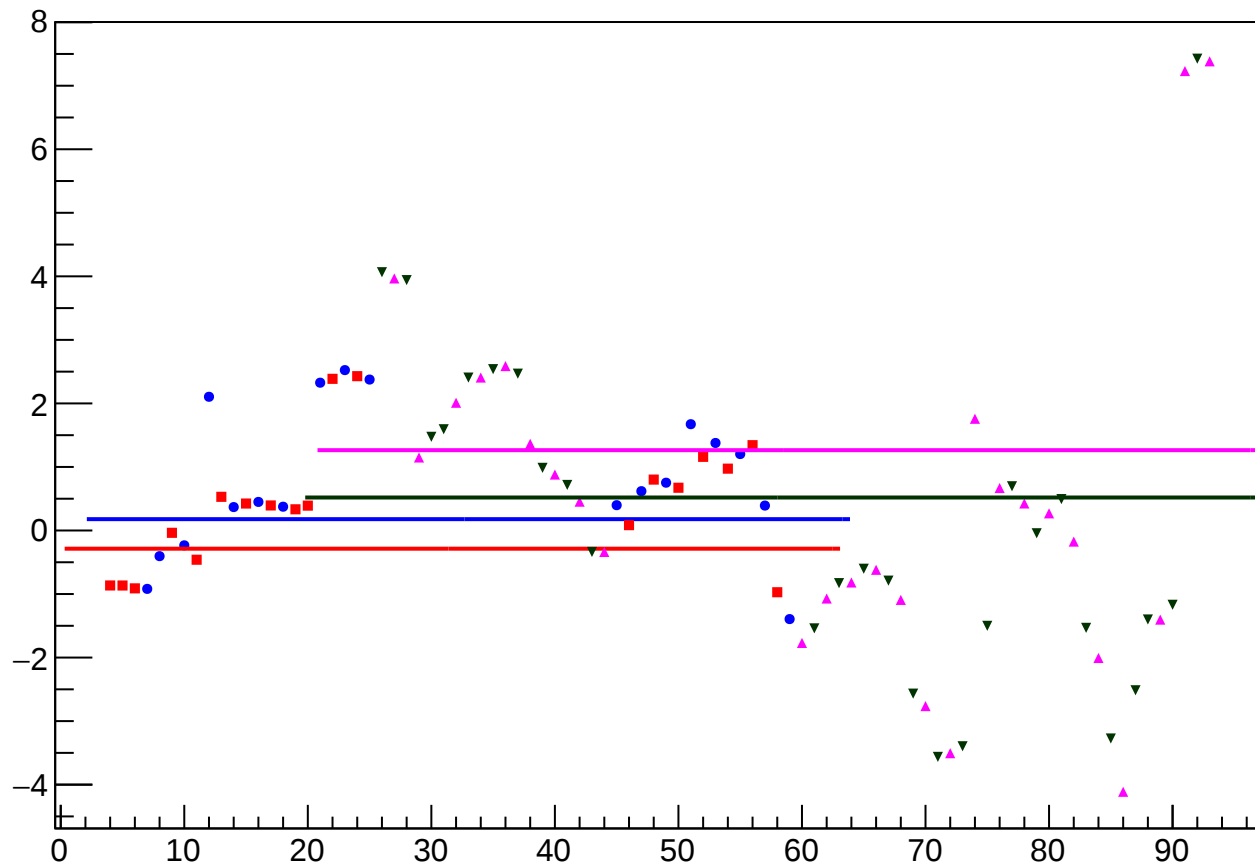
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.087+/-0.000 χ^2/NDF : 3849207.4/25

0.049+/-0.000 χ^2/NDF : 11726187.2/44

0.042+/-0.000 χ^2/NDF : 12968264.6/44

yield_bpm1Y_mean vs slug



Right In: 0.178 ± 0.000 χ^2/NDF : 9482704623.3/17

Left Out: 0.519 ± 0.000 χ^2/NDF : 14911677957.9/26

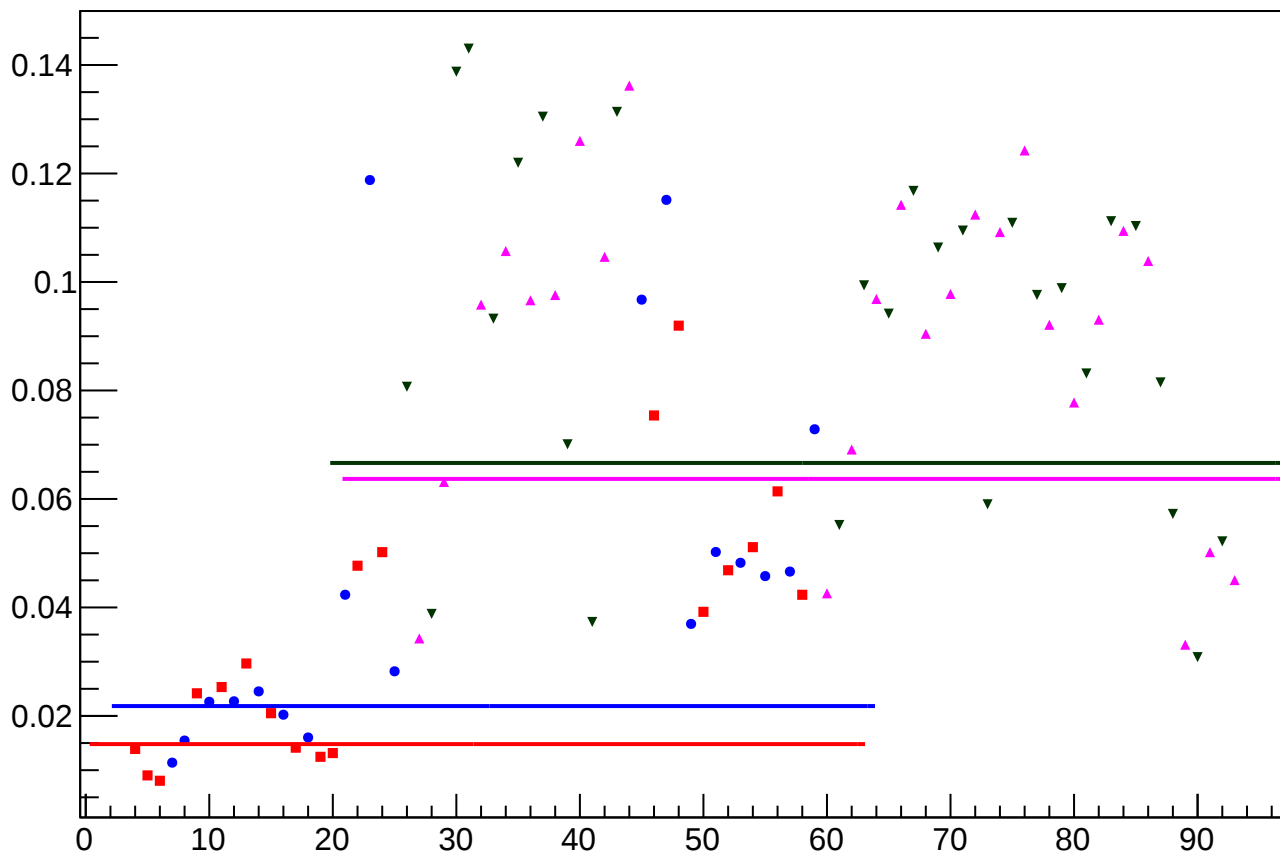
Right Out: -0.286 ± 0.000 χ^2/NDF : 10734675455.5/18

Left In: 1.264 ± 0.000 χ^2/NDF : 22843361630.2/25

0.224 ± 0.000 χ^2/NDF : 24585747696.9/44

-0.141 ± 0.000 χ^2/NDF : 38516295588.7/44

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.067+/-0.000 χ^2/NDF : 4003273.1/26

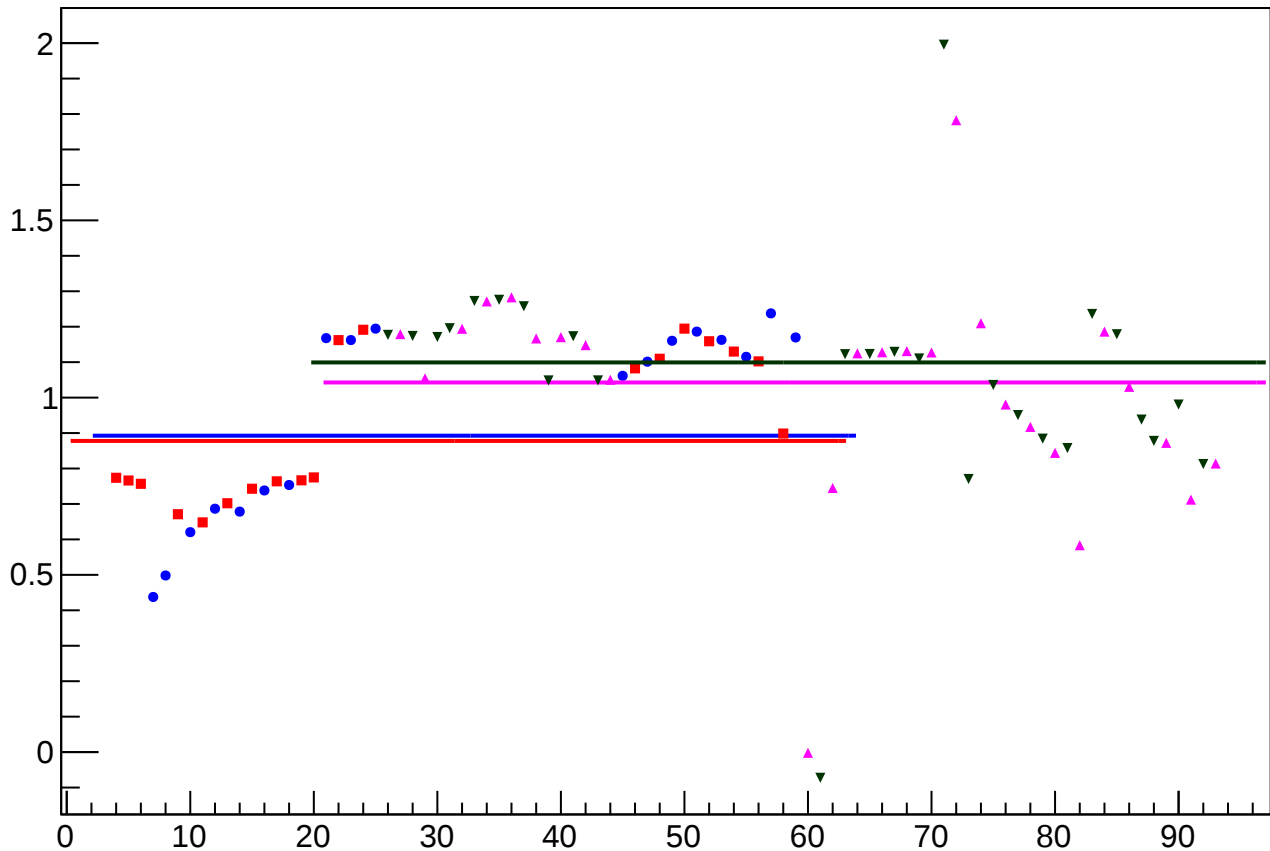
Right Out: 0.015+/-0.000 χ^2/NDF : 4938559.5/18

Left In: 0.064+/-0.000 χ^2/NDF : 4329813.9/25

0.028+/-0.000 χ^2/NDF : 15293522.6/44

0.019+/-0.000 χ^2/NDF : 19088801.7/44

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.099+/-0.000 χ^2/NDF : 2279683520.8/26

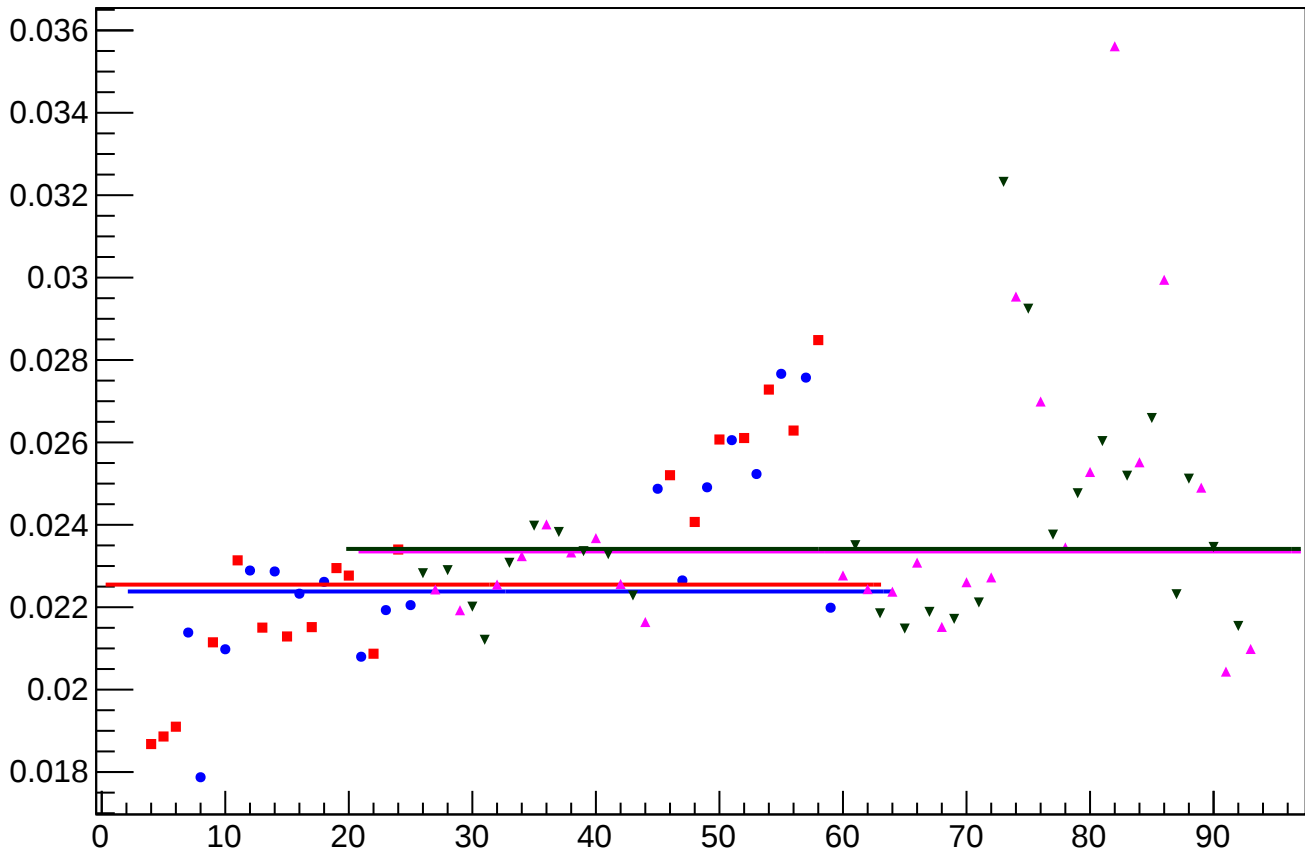
Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

Left In: 1.043+/-0.000 χ^2/NDF : 2132282283.7/25

1.000+/-0.000 χ^2/NDF : 4387488994.3/44

0.972+/-0.000 χ^2/NDF : 3182099322.7/44

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 : 200890.0/26

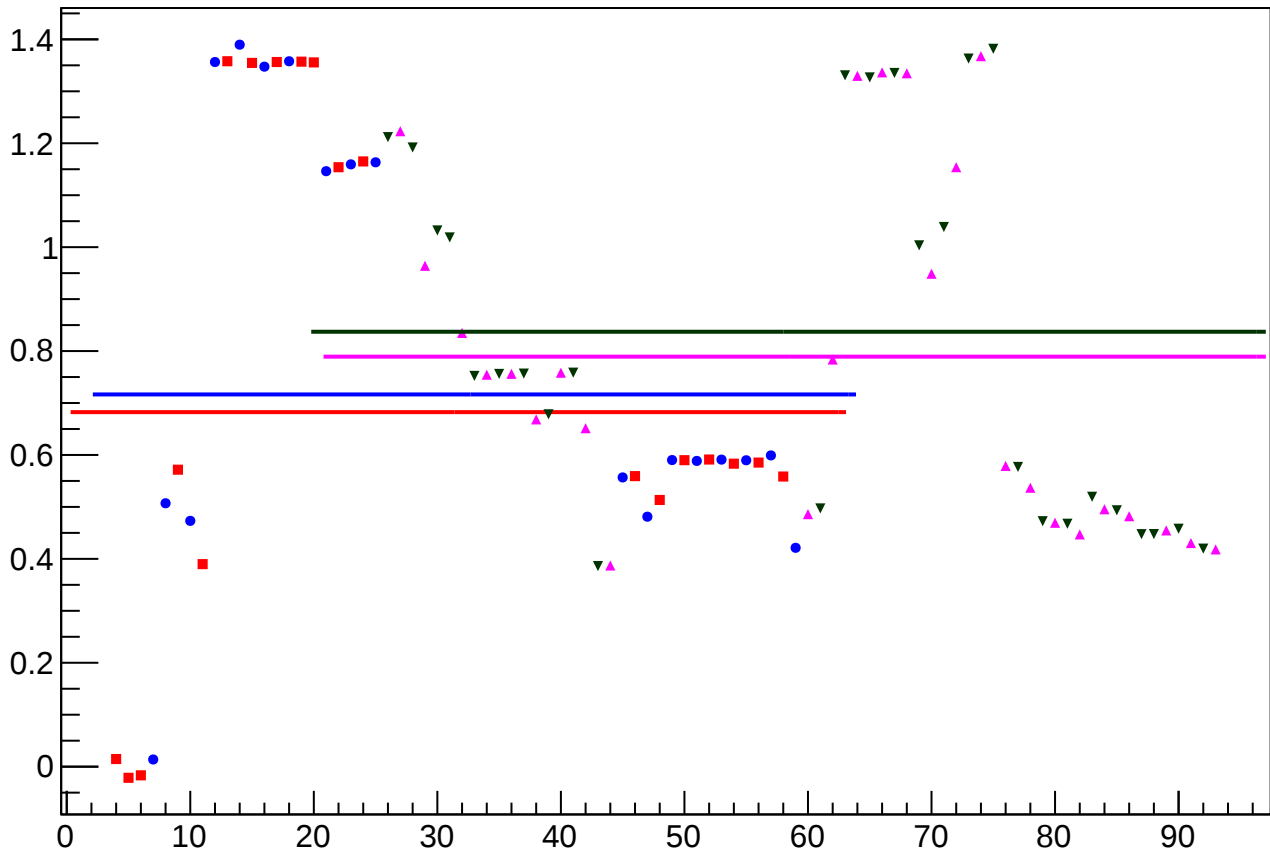
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.023+/-0.000 χ^2/NDF : 288649.4/25

0.023+/-0.000 χ^2/NDF : 489411.8/44

0.023+/-0.000 χ^2/NDF : 548591.7/44

yield_bpm11Y_mean vs slug



Right In: 0.716+/-0.000 χ^2/NDF : 131330740430.7/17

Left Out: 0.837+/-0.000 χ^2/NDF :136313873506.1/26

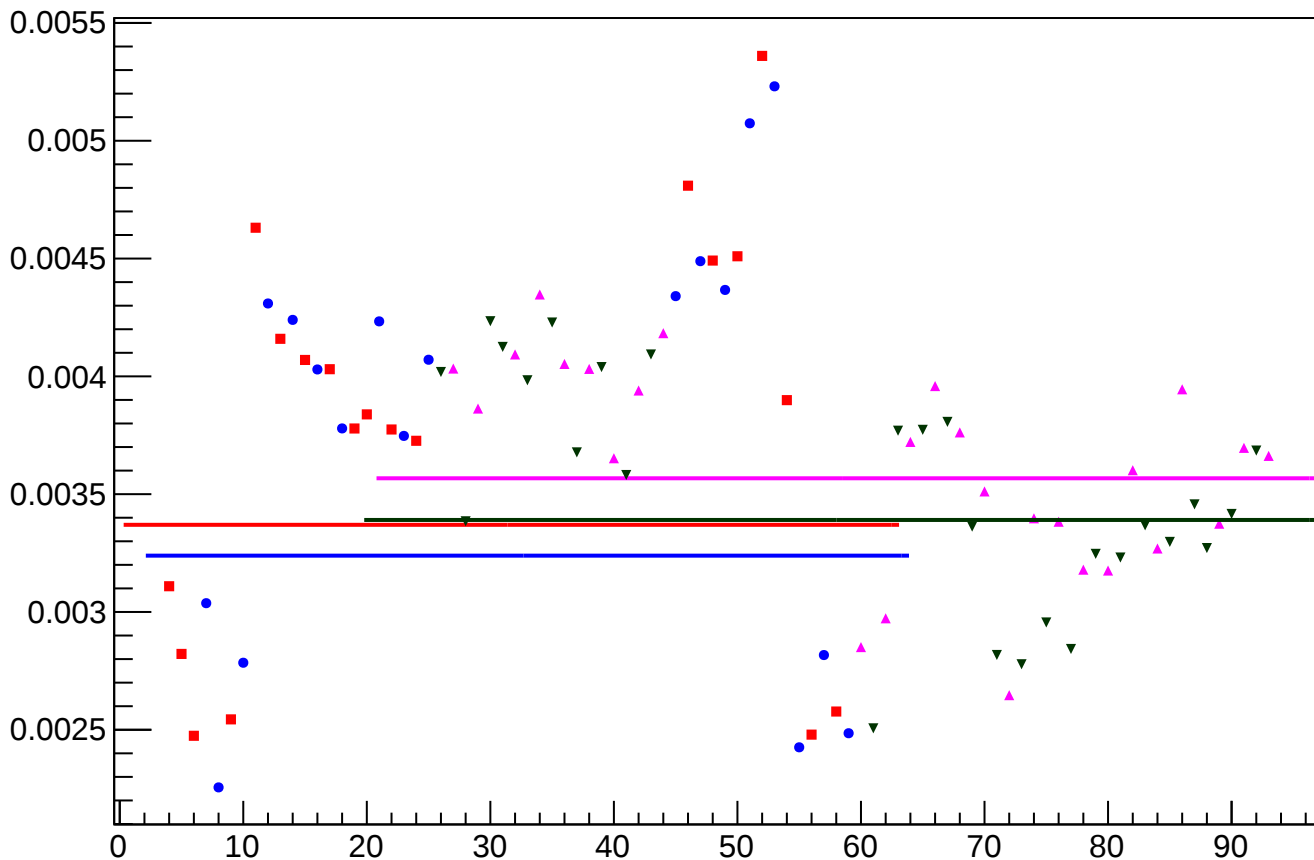
Right Out: 0.682+/-0.000 χ^2/NDF : 168328456976.2/18

Left In: 0.789+/-0.000 χ^2/NDF :109768536258.6/25

0.781+/-0.000 χ^2/NDF : 275079543170.5/44

0.743+/-0.000 χ^2/NDF : 283219456138.8/44

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1552802.4/17

Left Out: 0.003+/-0.000 χ^2/NDF :501725.8/26

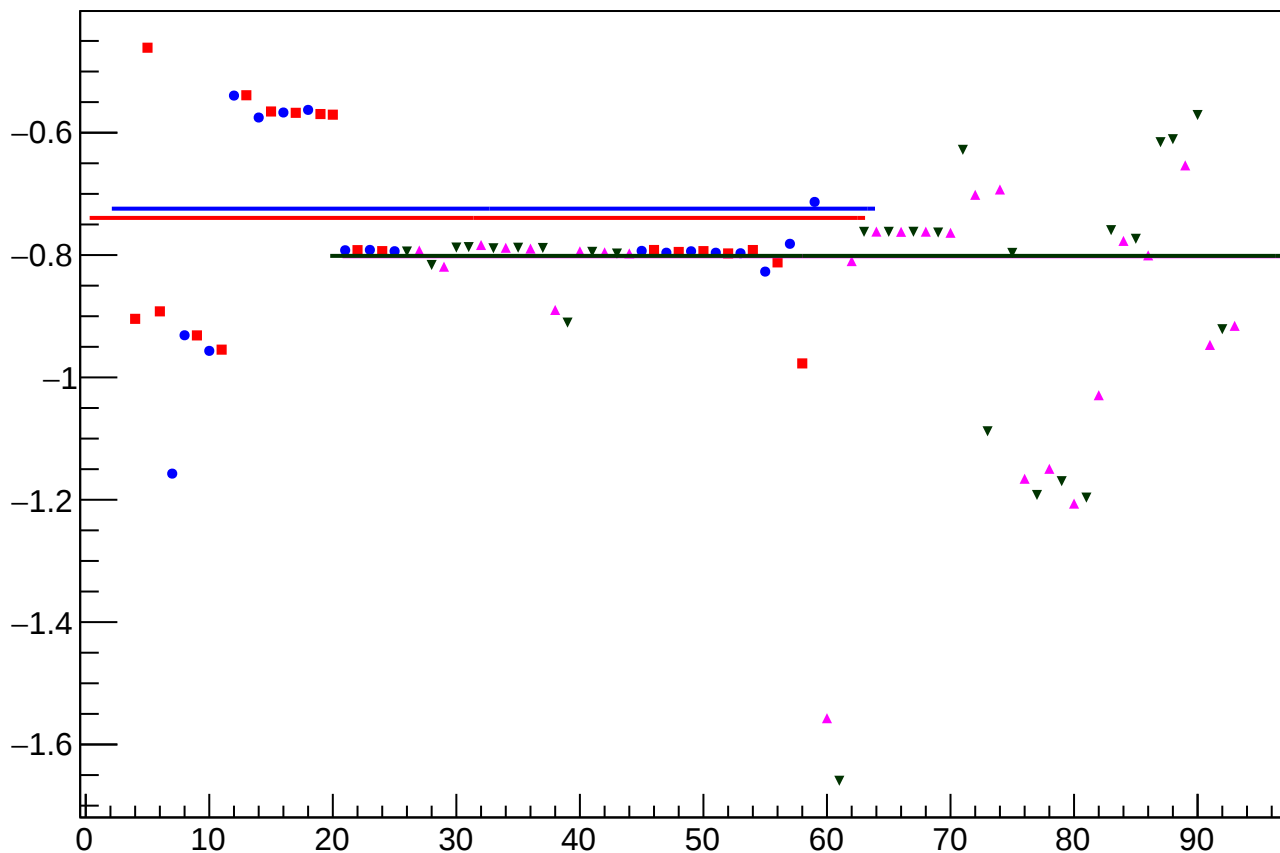
0.003+/-0.000 χ^2/NDF : 2077950.5/44

Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

0.003+/-0.000 χ^2/NDF : 1602601.1/44

Left In: 0.004+/-0.000 χ^2/NDF :409385.7/25

yield_bpm12X_mean vs slug



Right In: -0.724+/-0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.801+/-0.000 χ^2/NDF : 1071351926.5/26

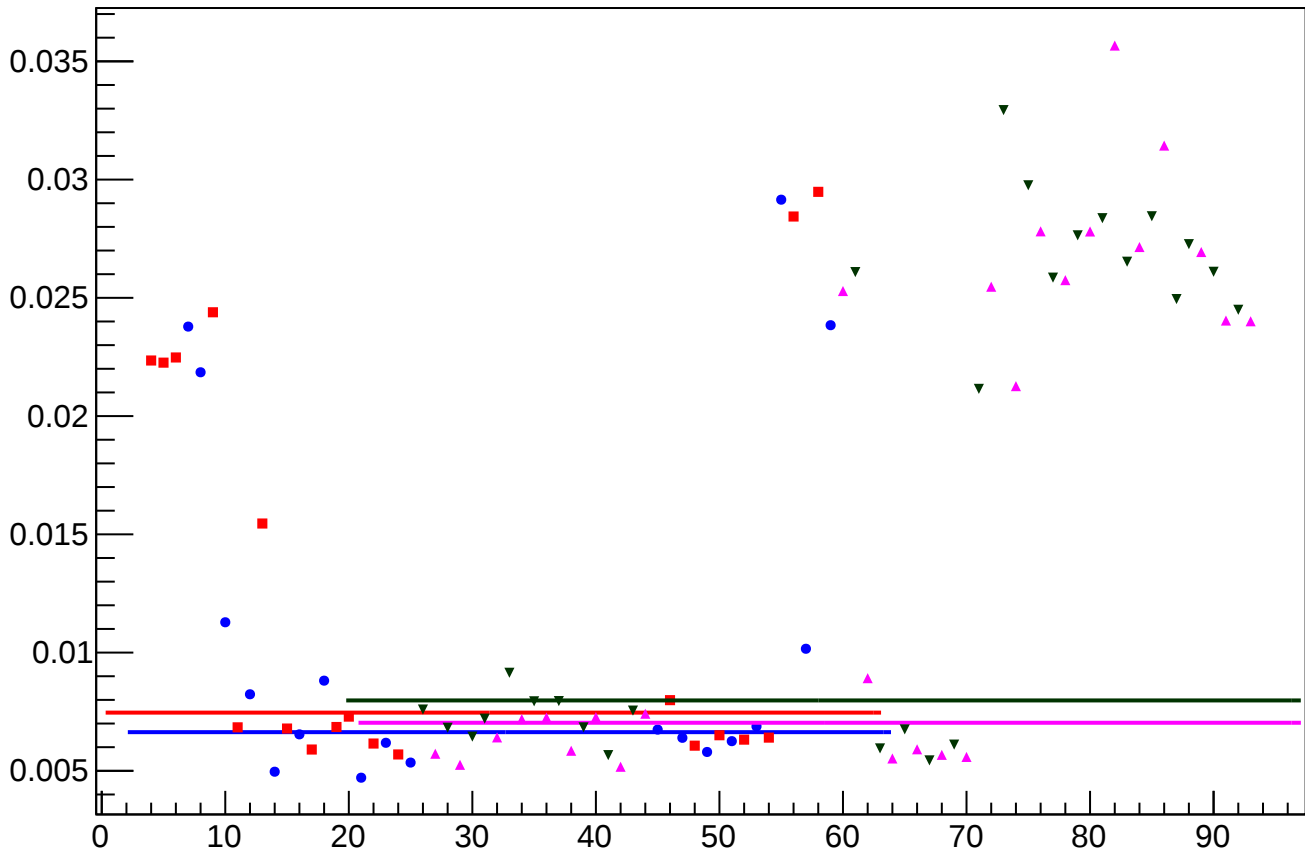
Right Out: -0.739+/-0.000 χ^2/NDF : 1945829237.2/18

Left In: -0.802+/-0.000 χ^2/NDF : 1000360045.6/25

-0.758+/-0.000 χ^2/NDF : 3739424521.5/44

-0.777+/-0.000 χ^2/NDF : 3211314697.1/44

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 3347518.2/17

Left Out: 0.008+/-0.000 χ^2/NDF : 6331428.6/26

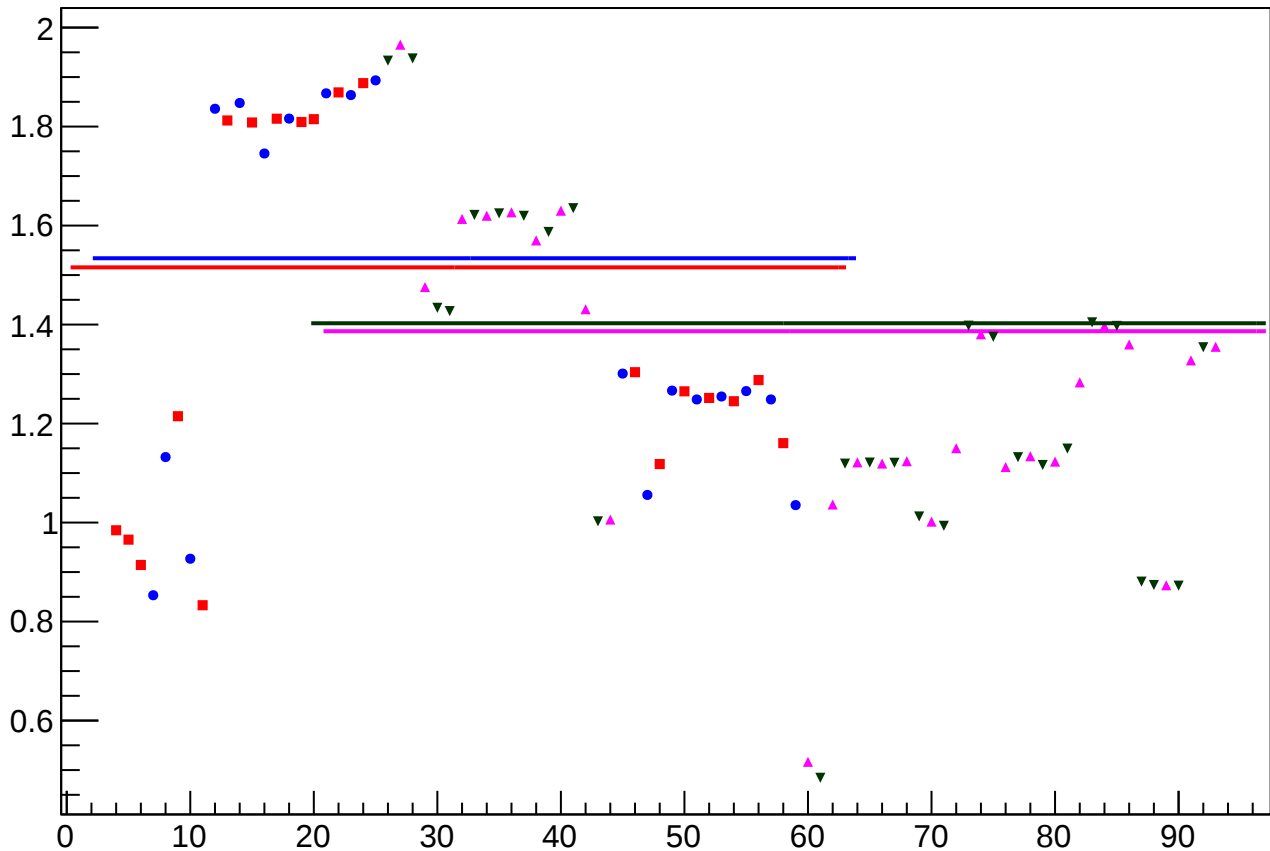
Right Out: 0.007+/-0.000 χ^2/NDF : 3478880.3/18

Left In: 0.007+/-0.000 χ^2/NDF : 6717379.4/25

0.007+/-0.000 χ^2/NDF : 9935144.6/44

0.007+/-0.000 χ^2/NDF : 10221048.3/44

yield_bpm12Y_mean vs slug



Right In: 1.534 $\pm$ 0.000 χ^2 /NDF: 22395382646.2/17

Left Out: 1.403 $\pm$ 0.000 χ^2 /NDF:19817315254.3/26

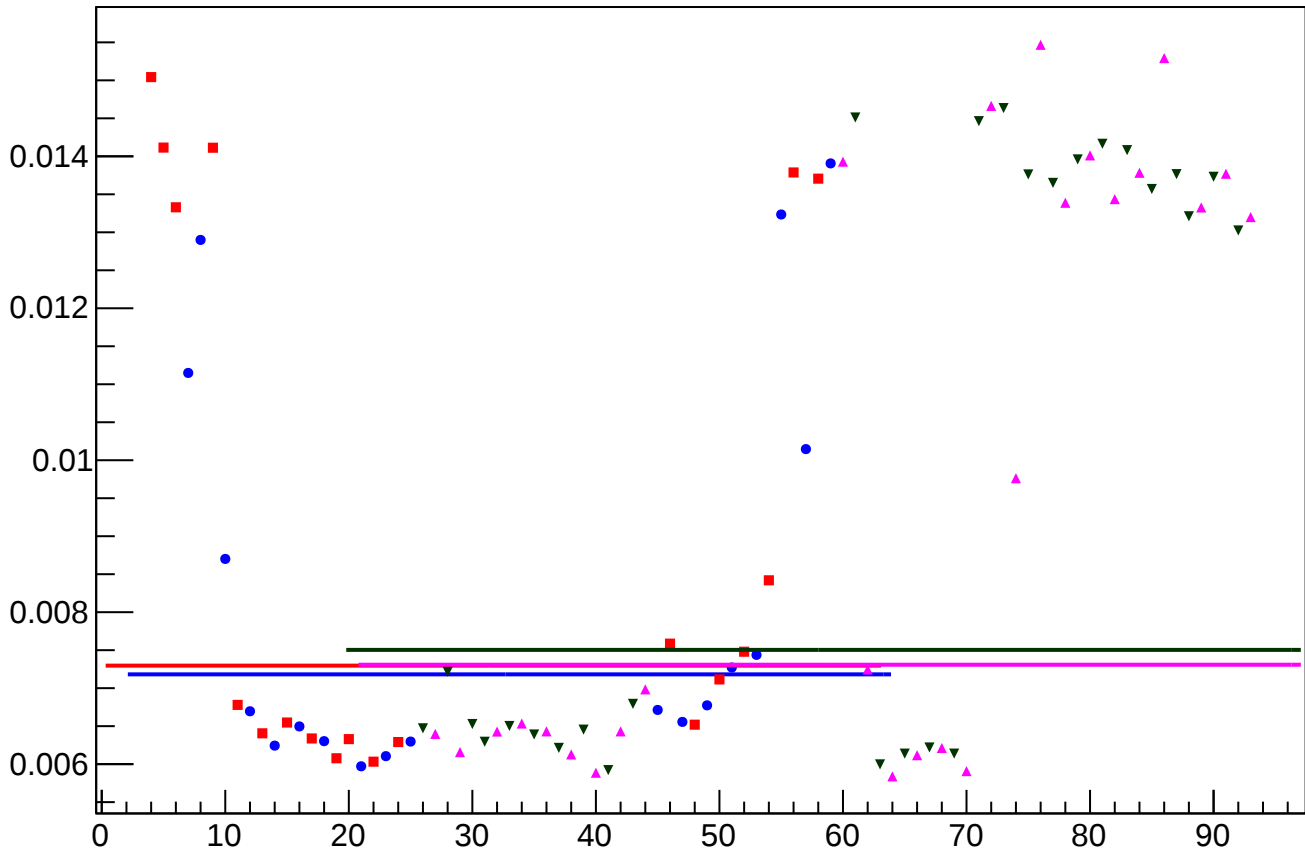
1.467 $\pm$ 0.000 χ^2 /NDF: 43878534871.5/44

Right Out: 1.516 $\pm$ 0.000 χ^2 /NDF: 21754735470.0/18

1.441 $\pm$ 0.000 χ^2 /NDF: 43850383485.1/44

Left In: 1.387 $\pm$ 0.000 χ^2 /NDF:20556530999.7/25

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1305539.8/17

Left Out: 0.008+/-0.000 χ^2/NDF : 2900893.9/26

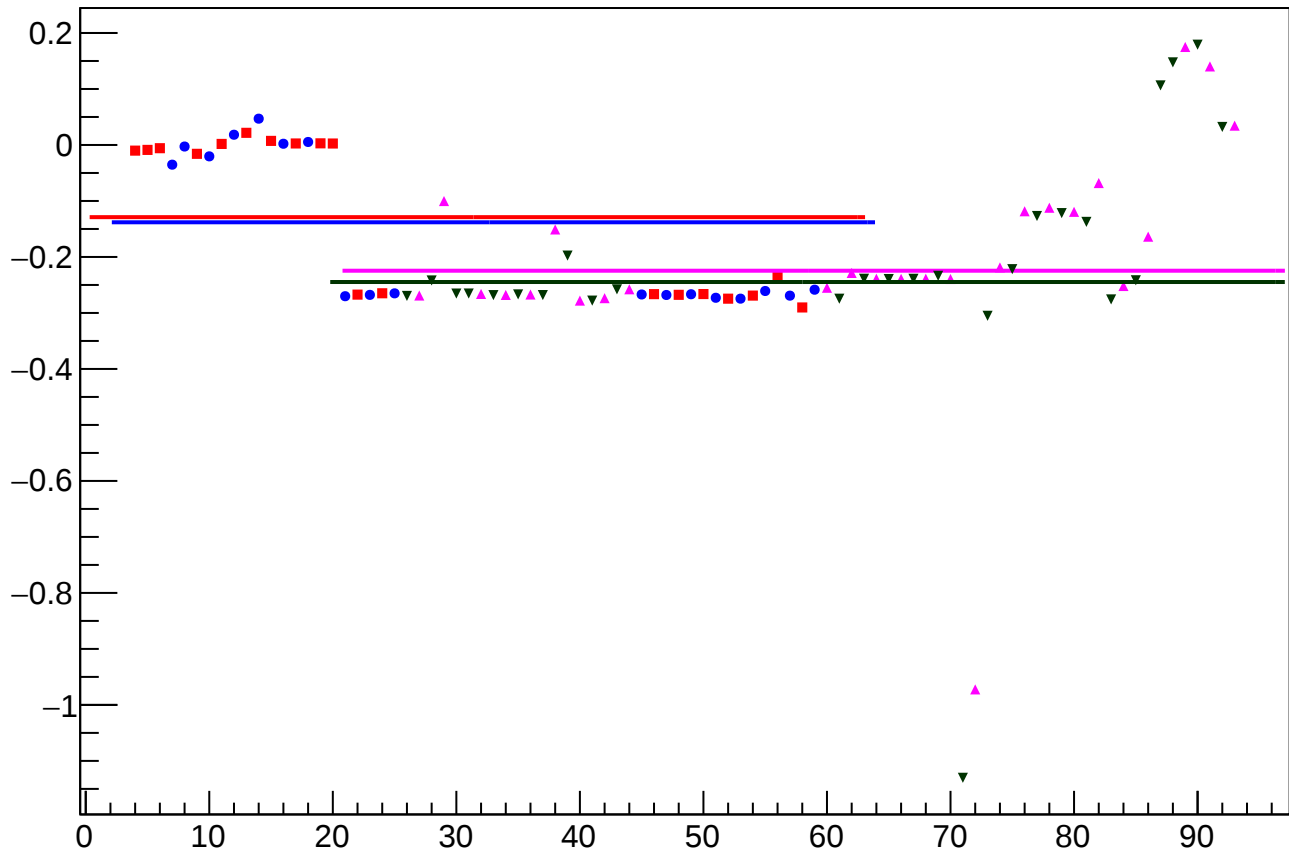
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 2920757.2/25

0.007+/-0.000 χ^2/NDF : 4226466.0/44

0.007+/-0.000 χ^2/NDF : 4378637.9/44

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.245+/-0.000 χ^2/NDF : 8457539471.6/26

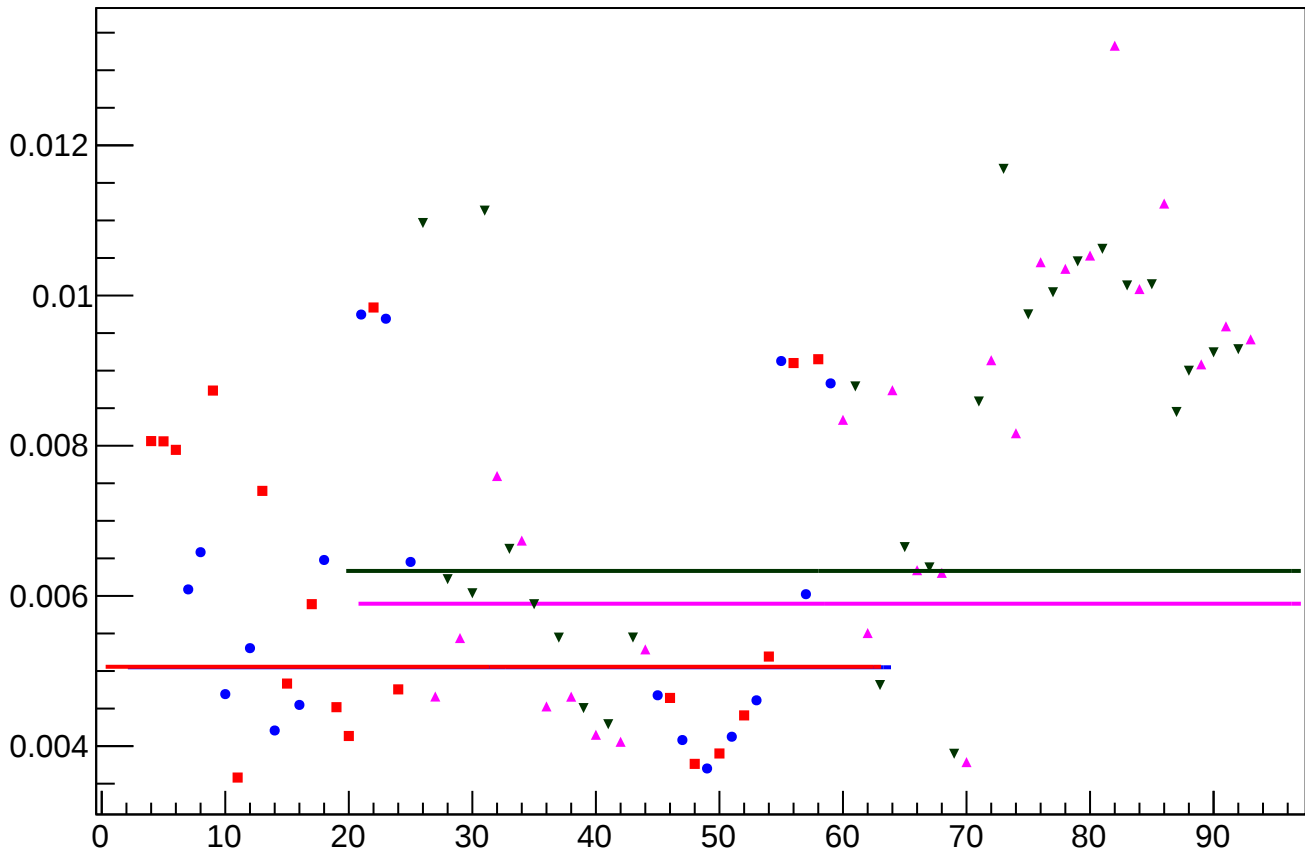
-0.184+/-0.000 χ^2/NDF : 17536549335.4/44

Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

-0.178+/-0.000 χ^2/NDF : 13081413507.8/44

Left In: -0.225+/-0.000 χ^2/NDF : 5709619709.4/25

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1664372.1/17

Left Out: 0.006+/-0.000 χ^2/NDF :2687525.6/26

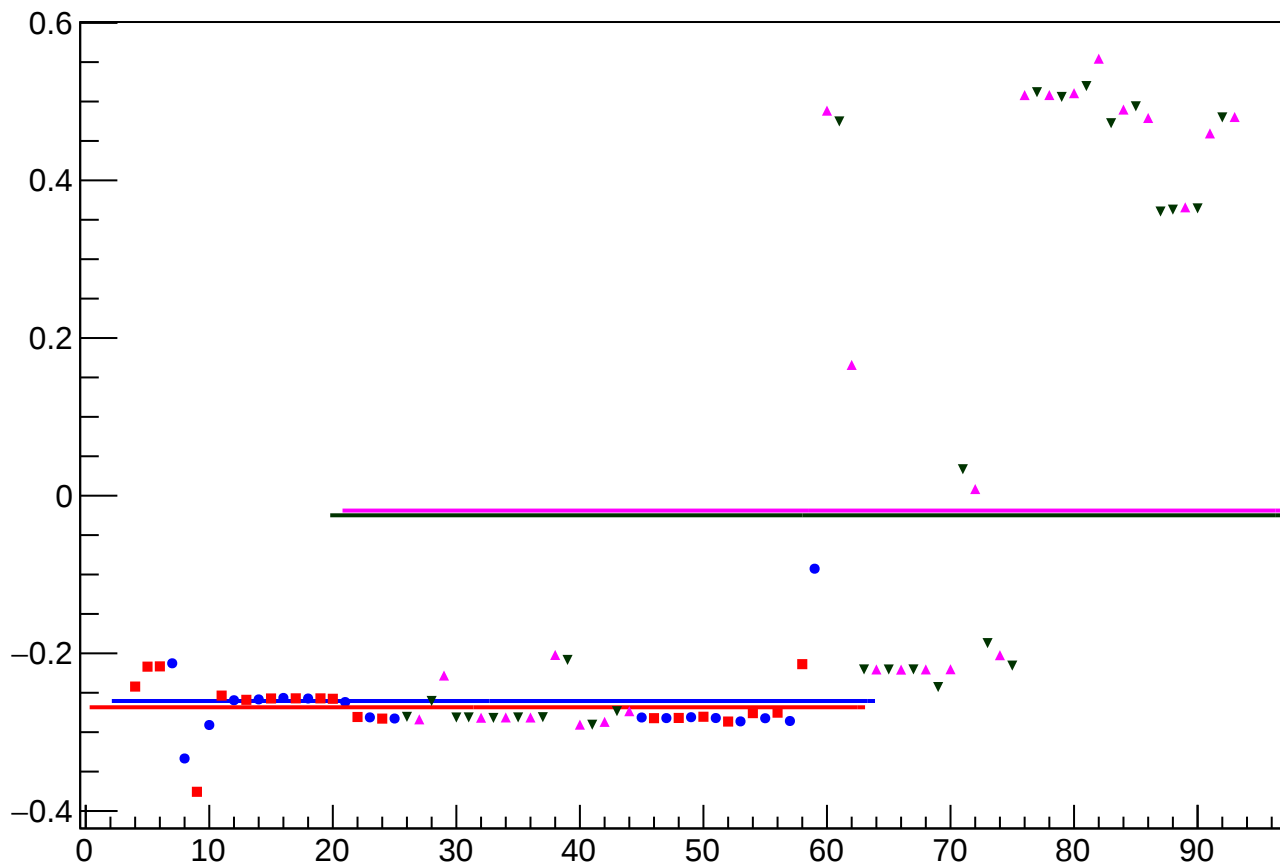
0.006+/-0.000 χ^2/NDF : 4873762.5/44

Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

0.005+/-0.000 χ^2/NDF : 5073902.8/44

Left In: 0.006+/-0.000 χ^2/NDF :3021446.9/25

yield_bpm16Y_mean vs slug



Right In: -0.260+/-0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.025+/-0.000 χ^2/NDF : 168983518005.2/26

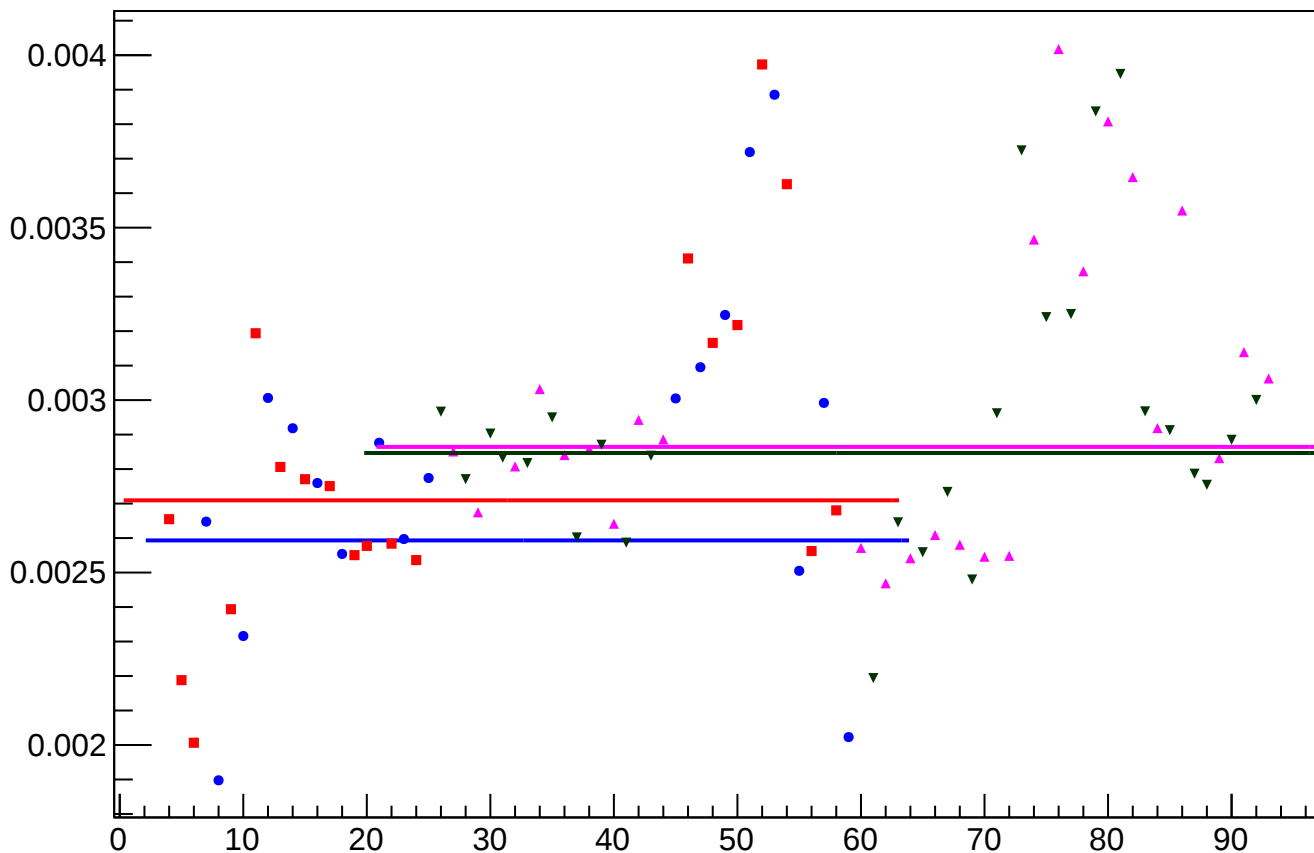
Right Out: -0.268+/-0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.019+/-0.000 χ^2/NDF : 172408247105.3/25

-0.142+/-0.000 χ^2/NDF : 219320823560.9/44

-0.129+/-0.000 χ^2/NDF : 219103261810.8/44

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 : 376052.3/26

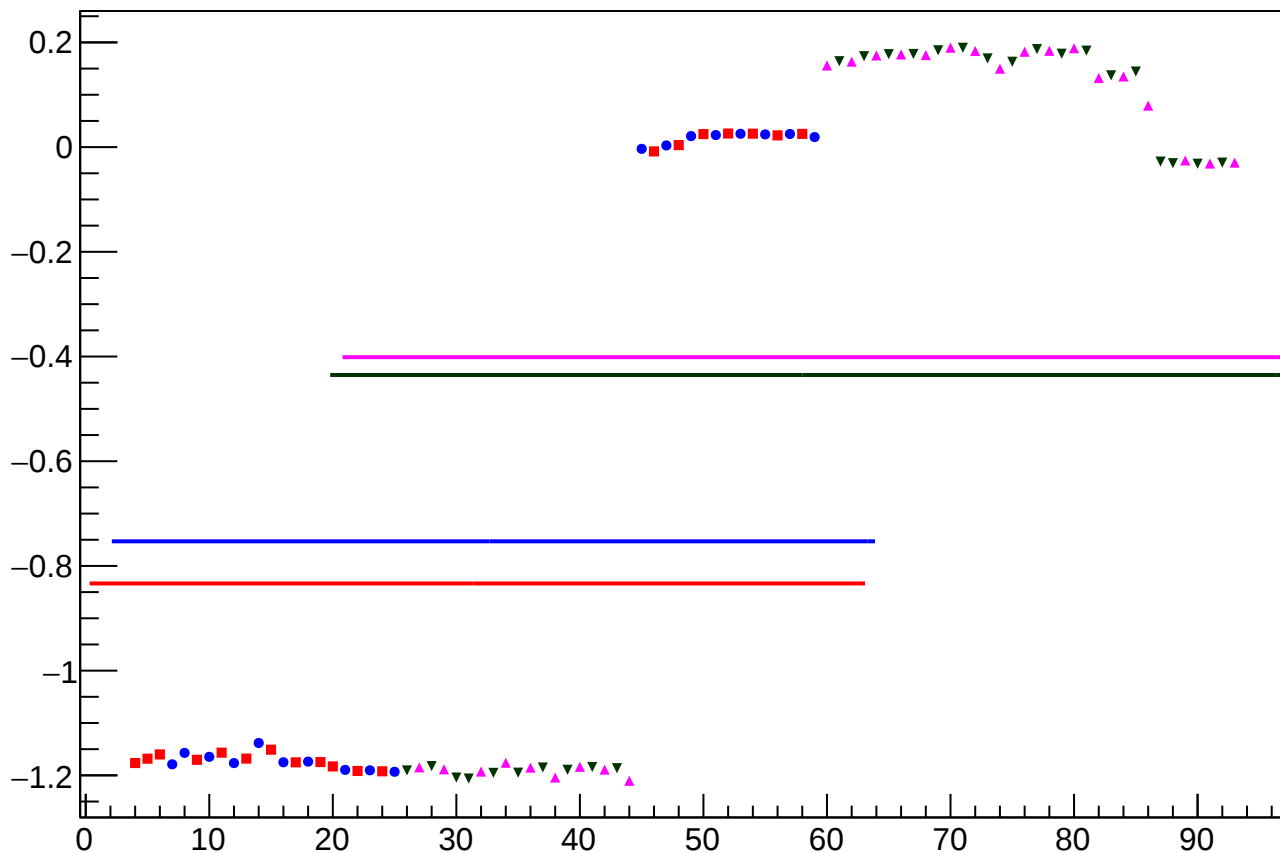
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 411393.9/25

0.003+/-0.000 χ^2/NDF : 1250833.2/44

0.003+/-0.000 χ^2/NDF : 921947.5/44

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -0.435+/-0.000 χ^2/NDF : 81735629392.8/26

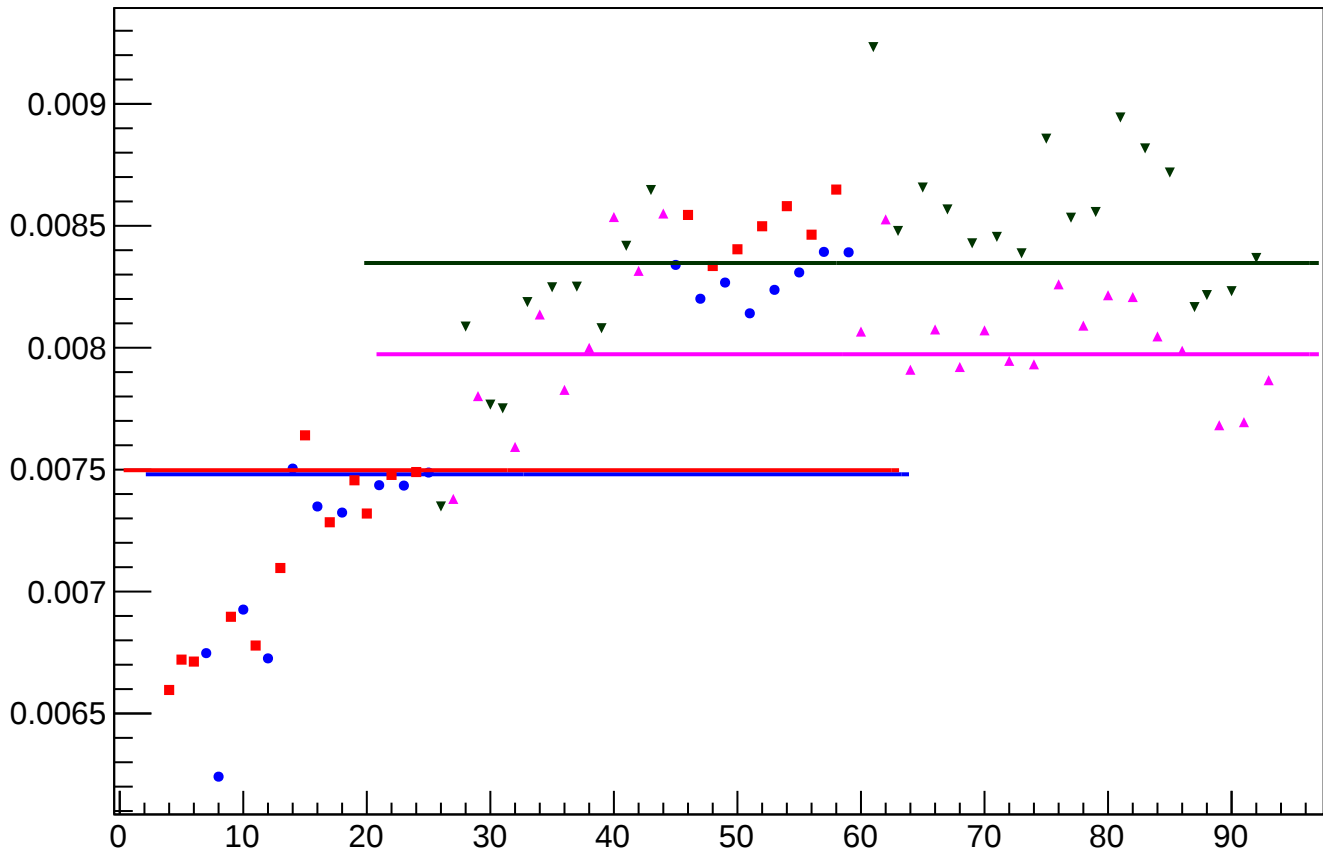
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.401+/-0.000 χ^2/NDF : 93033327667.1/25

-0.598+/-0.000 χ^2/NDF : 155012237446.5/44

-0.593+/-0.000 χ^2/NDF : 161599640609.0/44

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 :56793.6/26

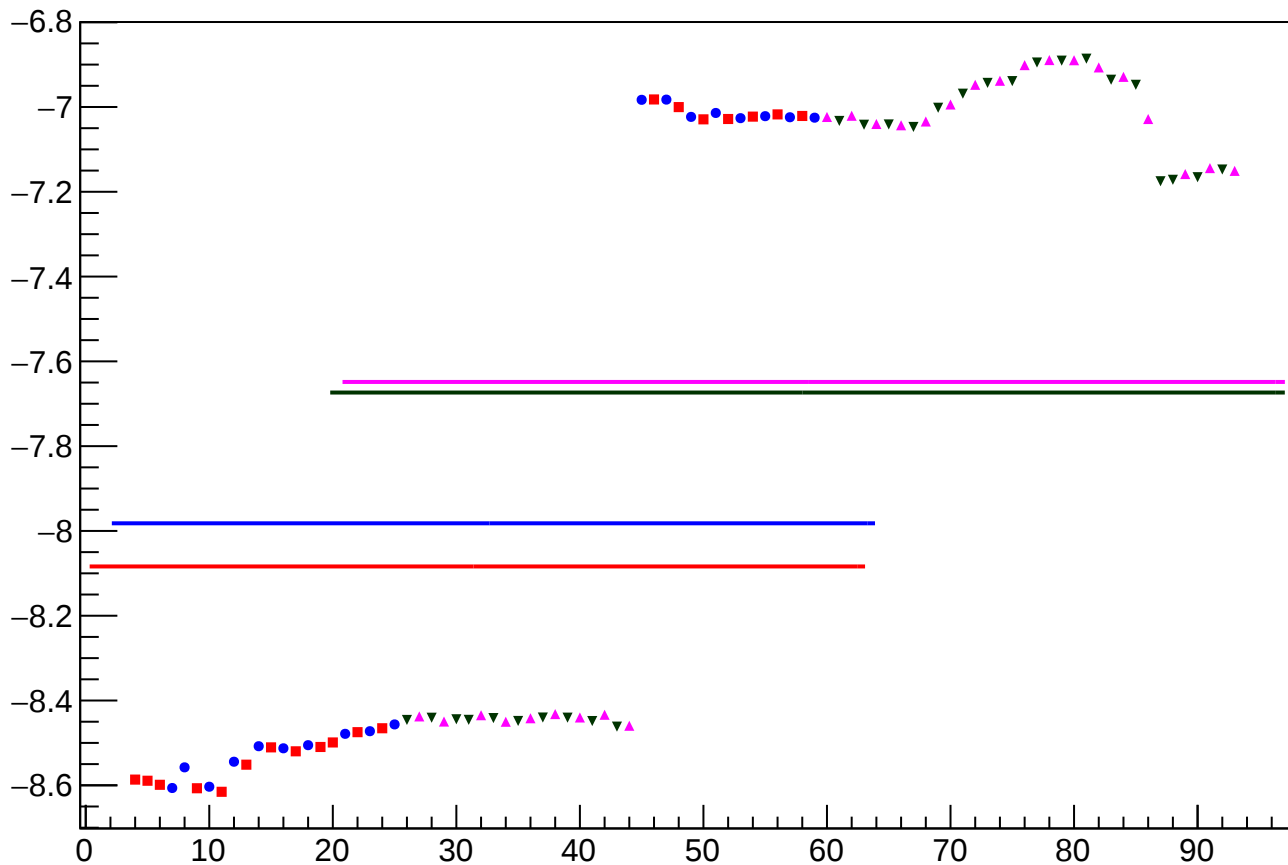
0.008+/-0.000 χ^2/NDF : 397959.5/44

Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

0.008+/-0.000 χ^2/NDF : 249393.4/44

Left In: 0.008+/-0.000 χ^2/NDF :37825.2/25

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -7.674+/-0.000 χ^2/NDF : 116545745299.6/26

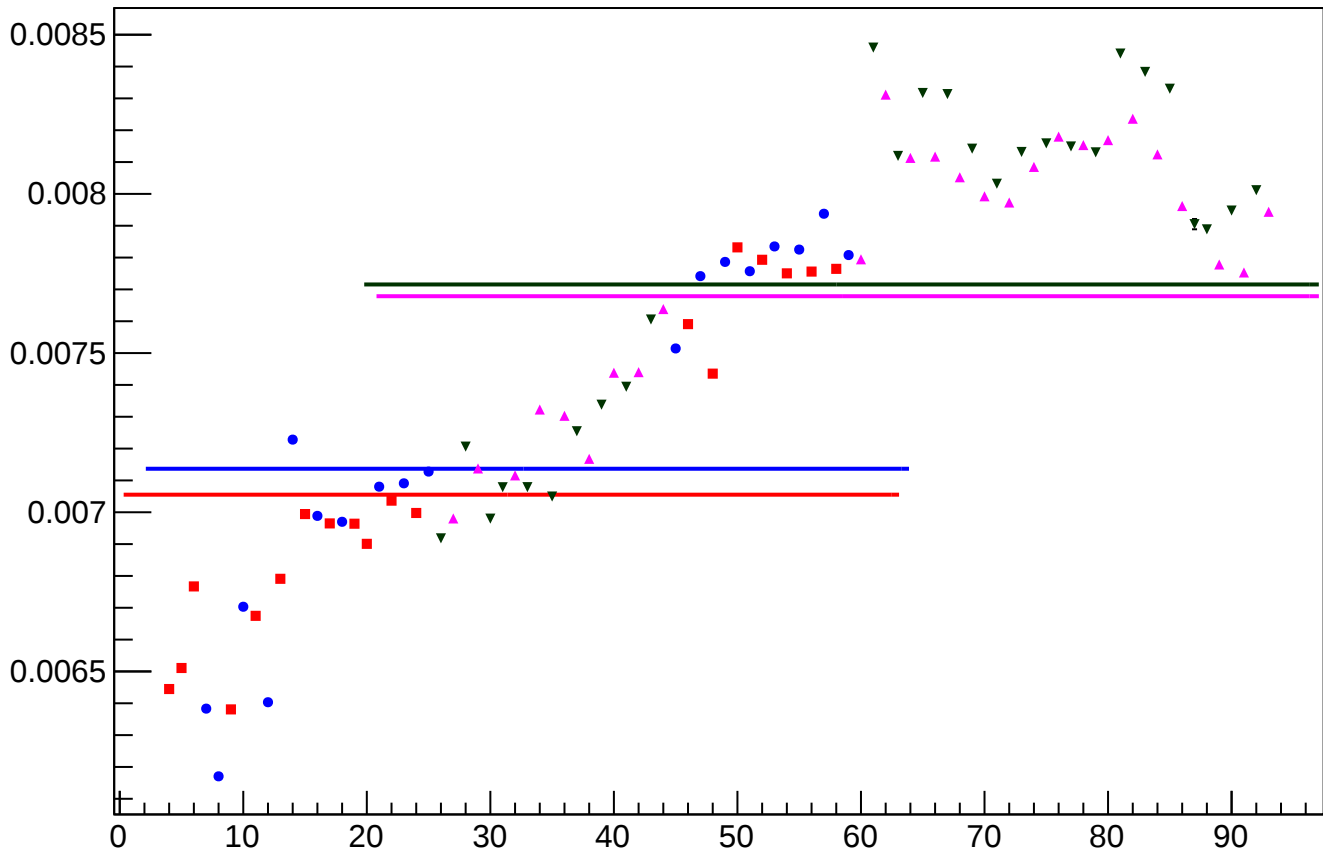
-7.826+/-0.000 χ^2/NDF : 243586334329.5/44

Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

-7.846+/-0.000 χ^2/NDF : 244165439545.0/44

Left In: -7.649+/-0.000 χ^2/NDF : 124047977841.4/25

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 141394.2/17

Left Out: 0.008+/-0.000 χ^2/NDF :123024.5/26

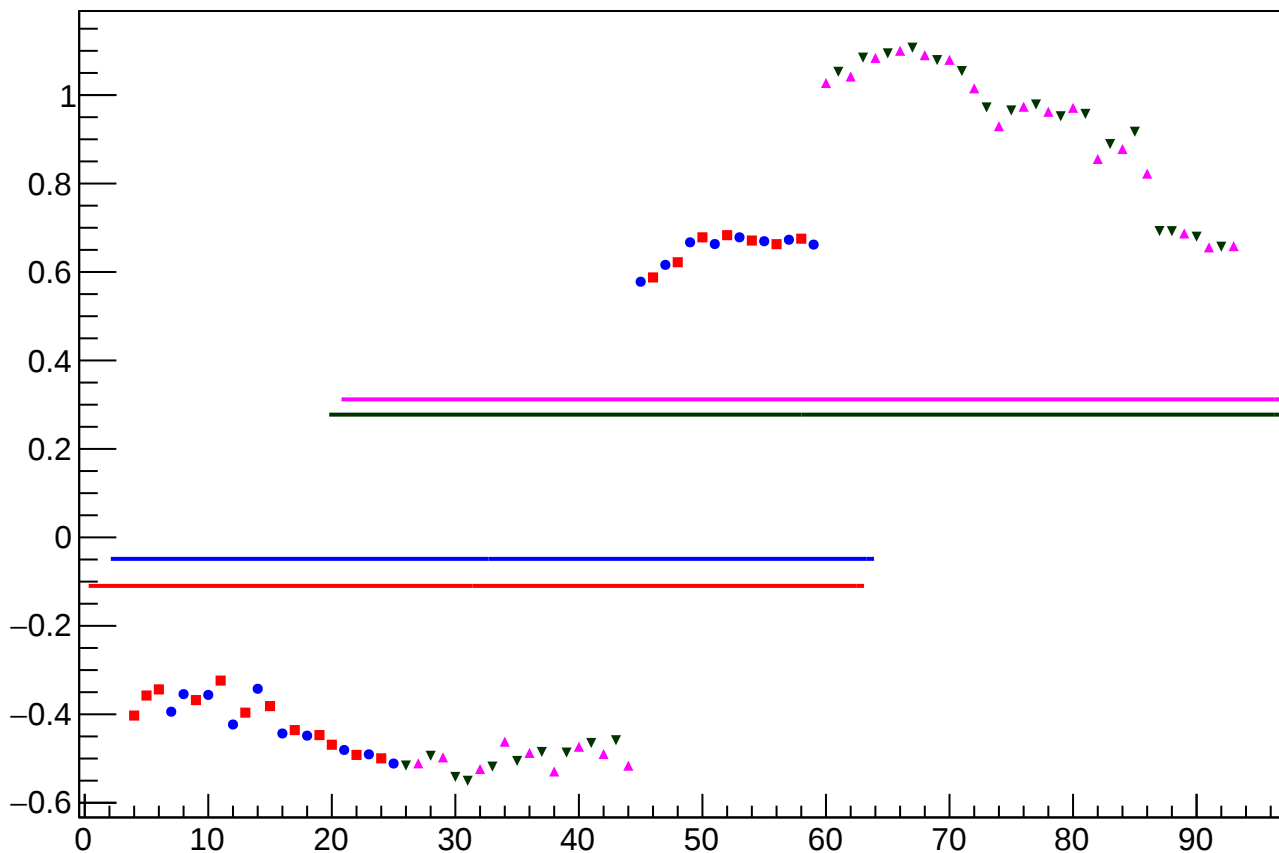
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.008+/-0.000 χ^2/NDF :91616.5/25

0.007+/-0.000 χ^2/NDF : 338493.4/44

0.007+/-0.000 χ^2/NDF : 265054.8/44

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: 0.278+/-0.000 χ^2/NDF :14714719939.6/26

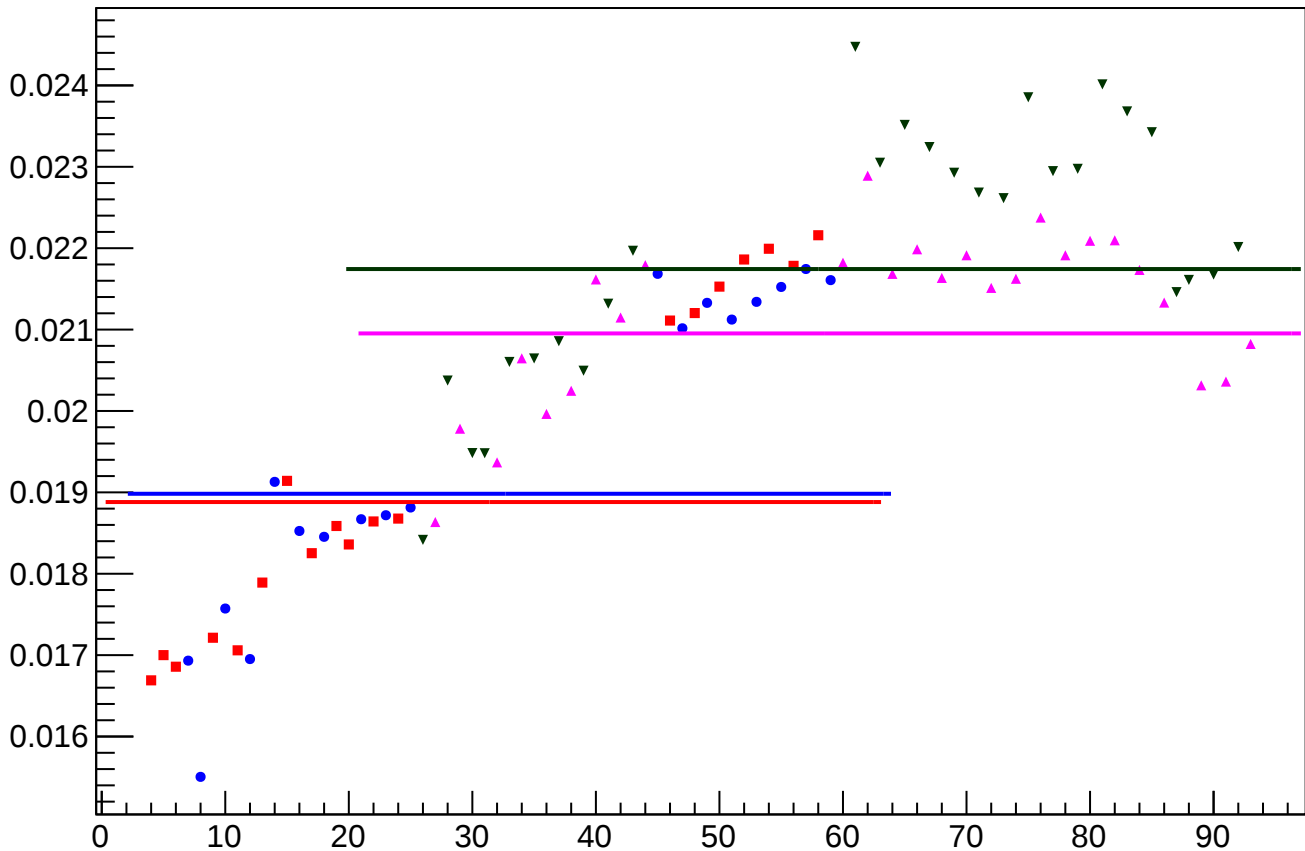
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: 0.312+/-0.000 χ^2/NDF :16473803738.0/25

0.106+/-0.000 χ^2/NDF : 24071792863.6/44

0.116+/-0.000 χ^2/NDF : 25364091420.3/44

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 254927.5/17

Left Out: 0.022+/-0.000 χ^2/NDF :139201.8/26

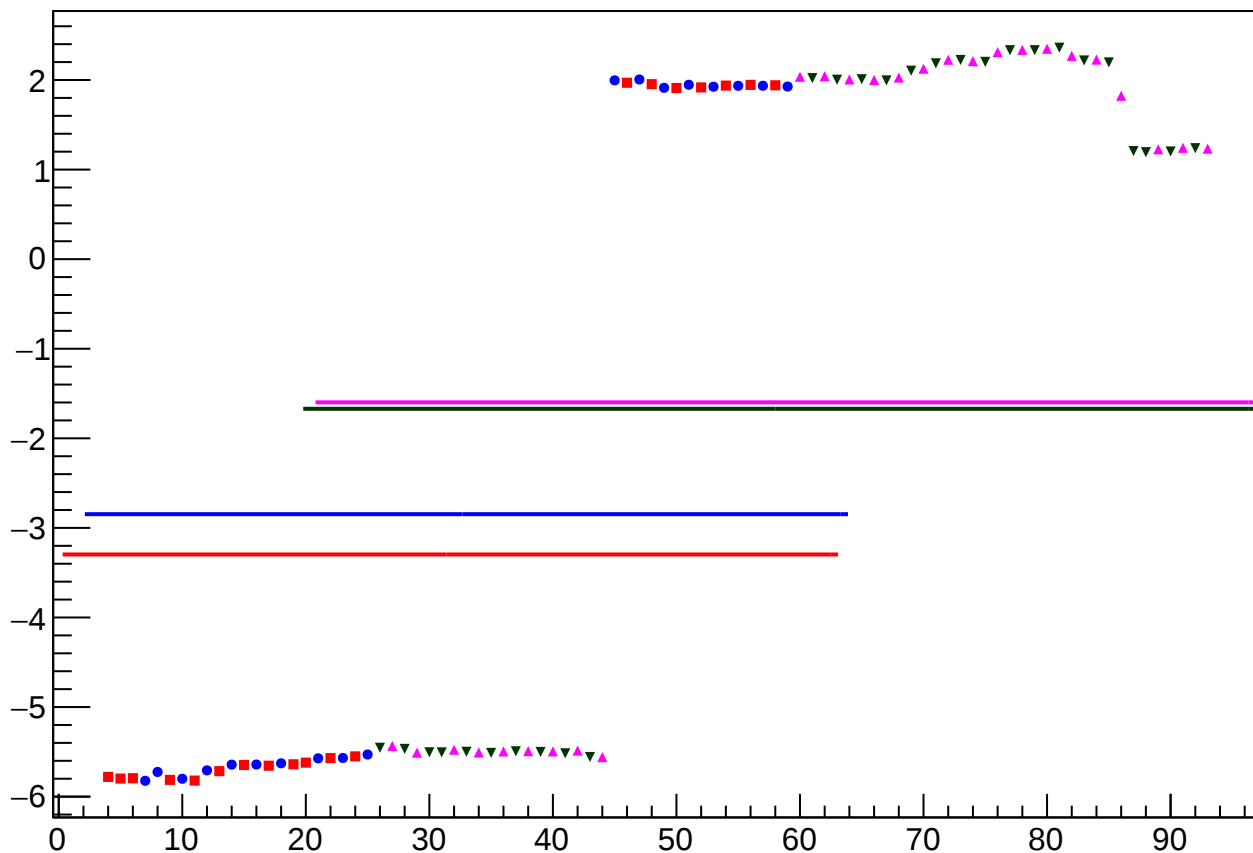
0.020+/-0.000 χ^2/NDF : 616484.7/44

Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

0.020+/-0.000 χ^2/NDF : 399484.9/44

Left In: 0.021+/-0.000 χ^2/NDF :81869.6/25

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -1.670+/-0.000 χ^2/NDF : 1070131460370.8/26

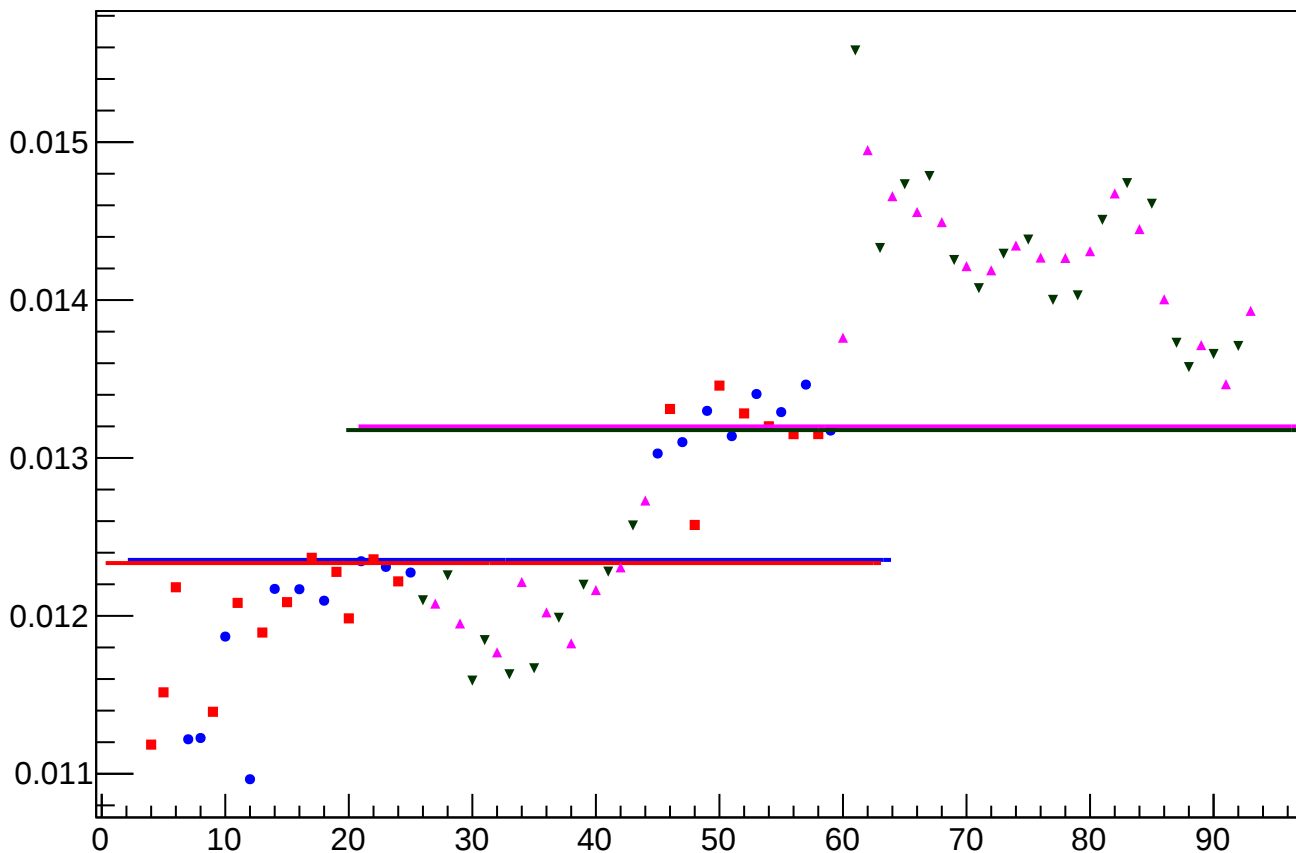
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -1.598+/-0.000 χ^2/NDF : 1130368566002.9/25

-2.247+/-0.000 χ^2/NDF : 2109719897382.8/44

-2.356+/-0.000 χ^2/NDF : 2053111473533.3/44

yield_bpm2i02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 89844.3/17

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:220674.2/26

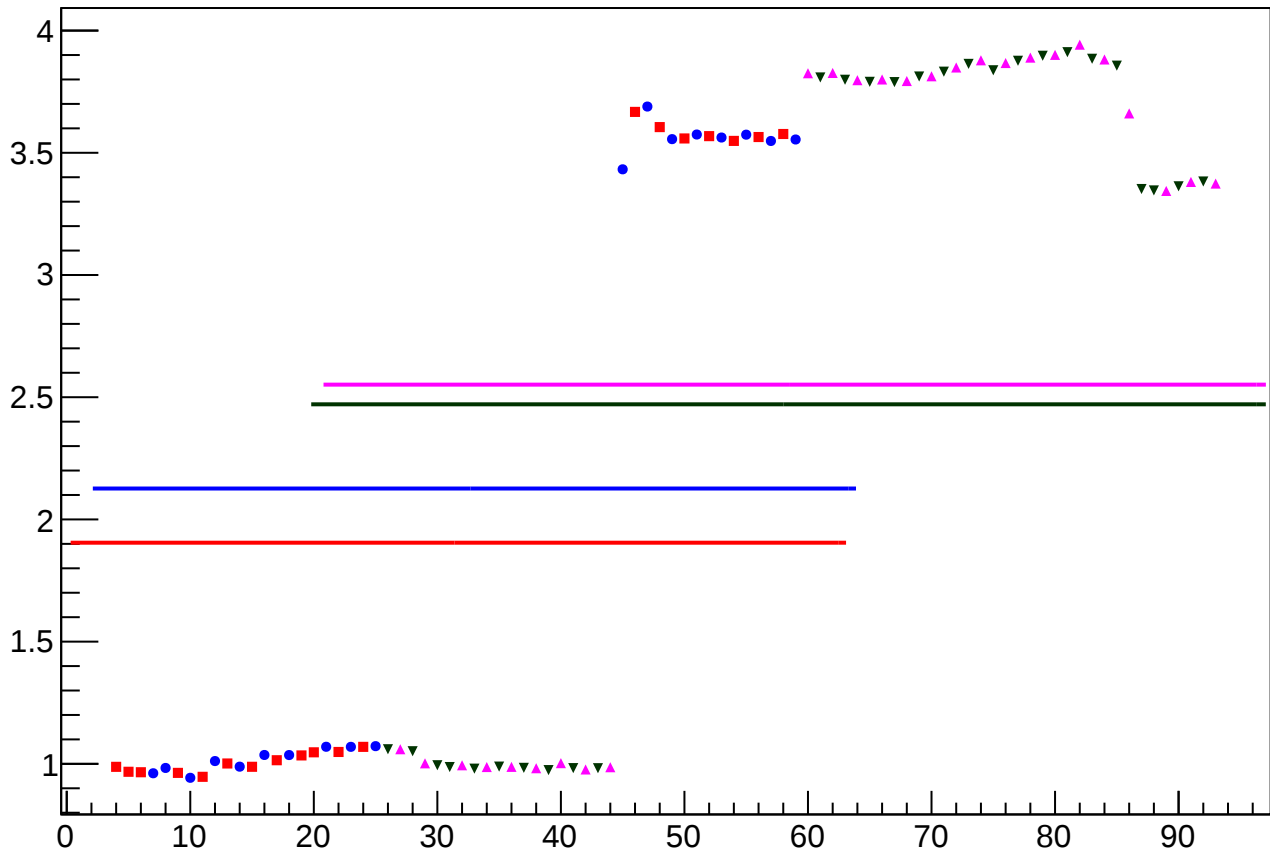
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 54886.5/18

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:205708.4/25

0.013 $\pm$ 0.000 χ^2 /NDF: 360830.3/44

0.013 $\pm$ 0.000 χ^2 /NDF: 314437.1/44

yield_bpm1i04X_mean vs slug



Right In: 2.126+/-0.000 χ^2/NDF : 292632575878.4/17

Left Out: 2.471+/-0.000 χ^2/NDF : 389255583925.1/26

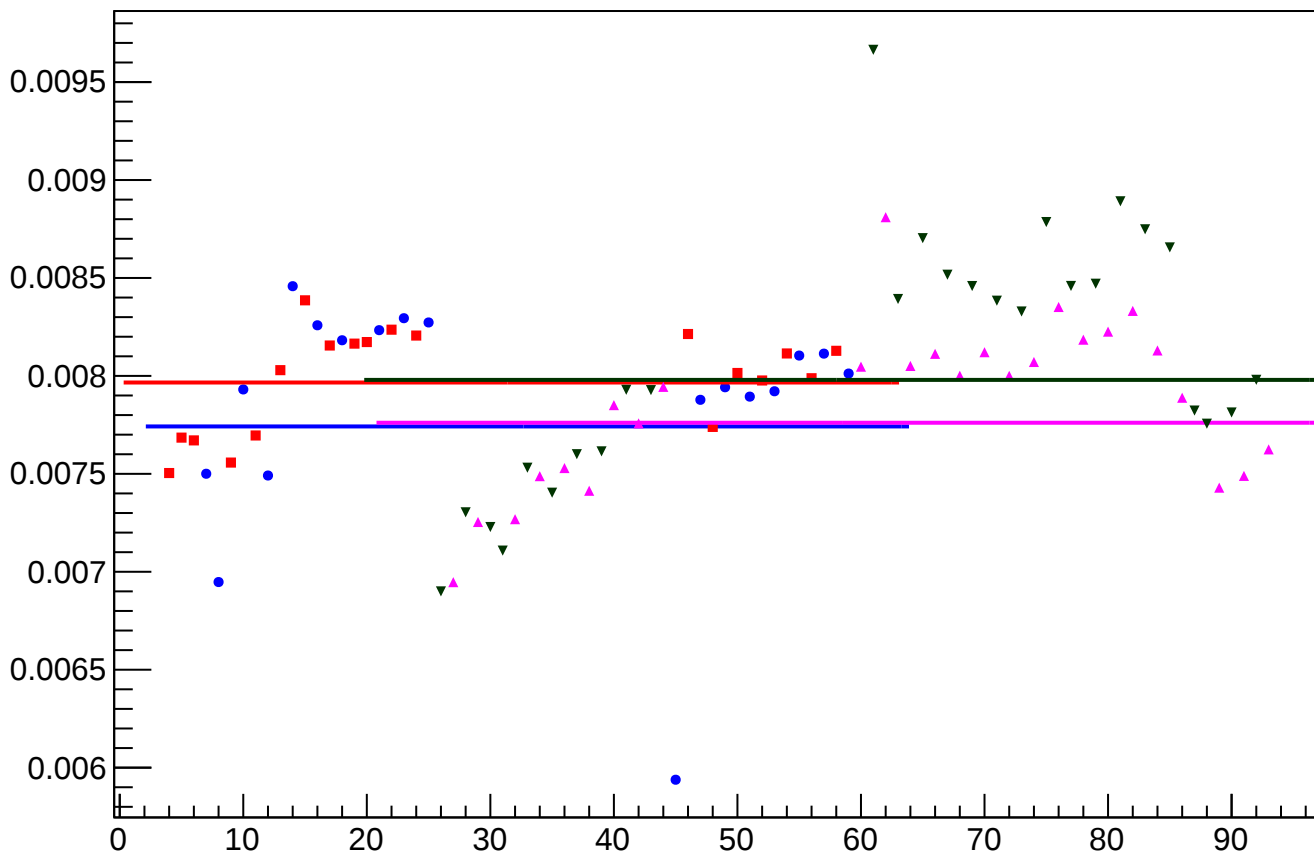
2.308+/-0.000 χ^2/NDF : 693421628712.3/44

Right Out: 1.905+/-0.000 χ^2/NDF : 236022966001.2/18

2.292+/-0.000 χ^2/NDF : 710271963842.0/44

Left In: 2.551+/-0.000 χ^2/NDF : 435372513204.3/25

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 :158780.4/26

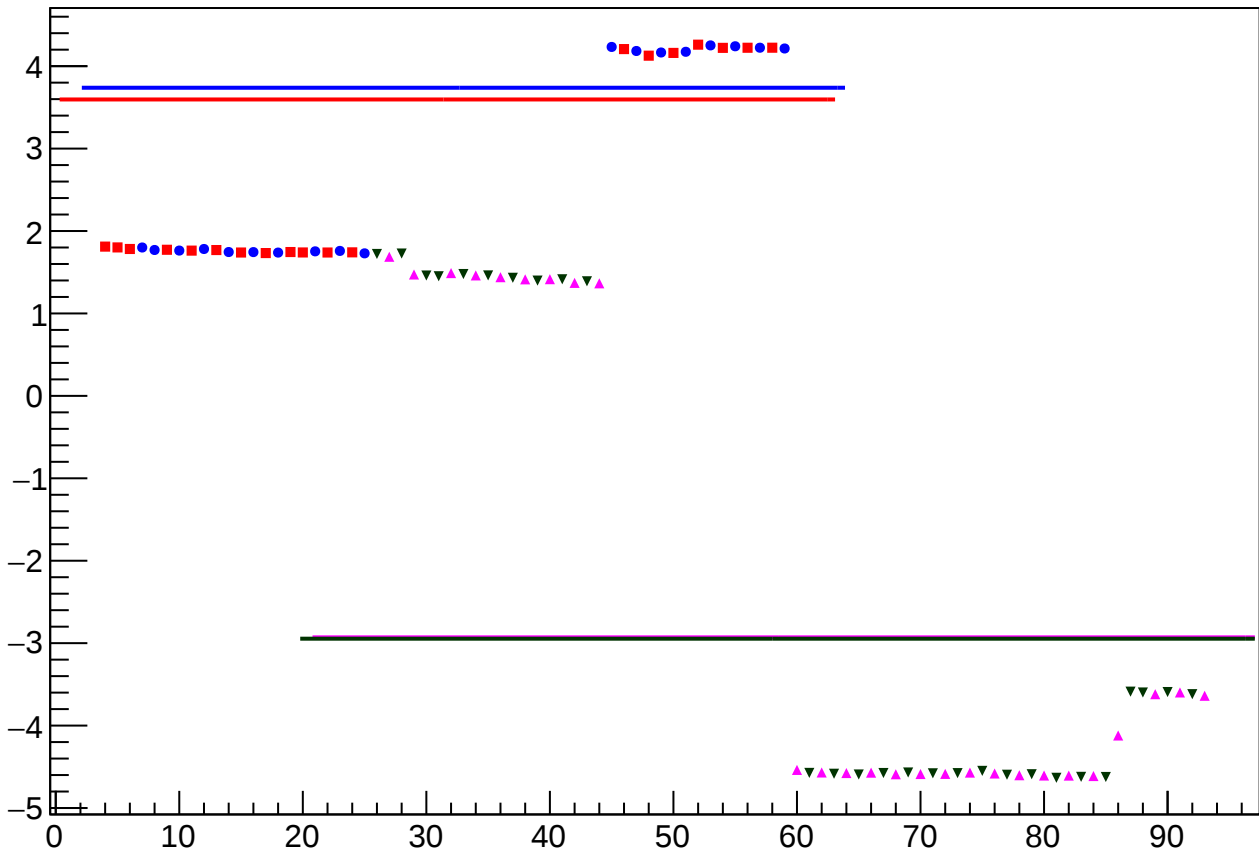
Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

Left In: 0.008+/-0.000 χ^2/NDF :88870.8/25

0.008+/-0.000 χ^2/NDF : 348660.7/44

0.008+/-0.000 χ^2/NDF : 116788.5/44

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000 χ^2/NDF : 502669373965.6/17

Left Out: -2.946+/-0.000 χ^2/NDF : 4146466020832.4/26

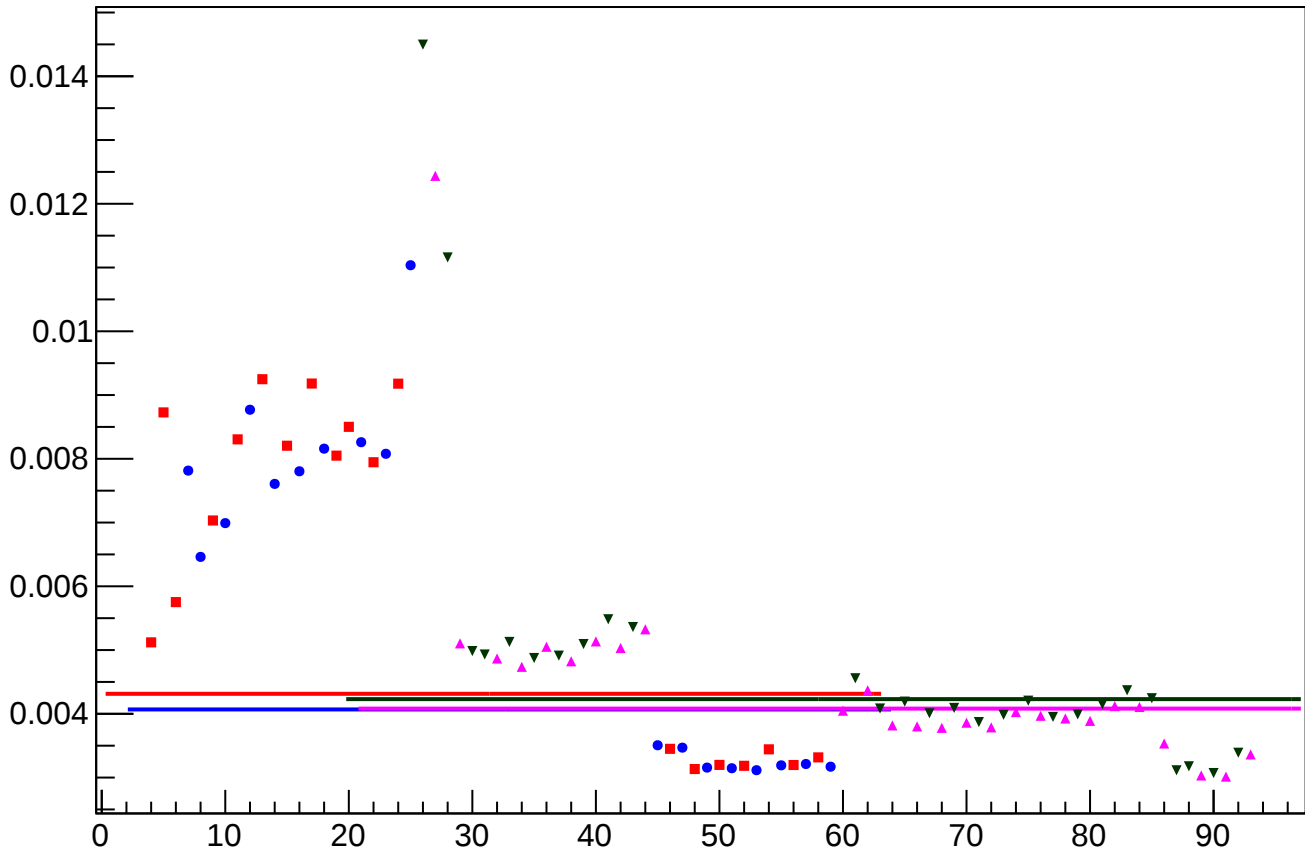
0.043+/-0.000 χ^2/NDF : 17974655747574.0/44

Right Out: 3.596+/-0.000 χ^2/NDF : 468031292414.6/18

-0.629+/-0.000 χ^2/NDF : 16908387095289.0/44

Left In: -2.929+/-0.000 χ^2/NDF : 4844455737355.3/25

yield_bpm1i04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 3401724.5/17

Left Out: 0.004+/-0.000 χ^2/NDF :1522989.9/26

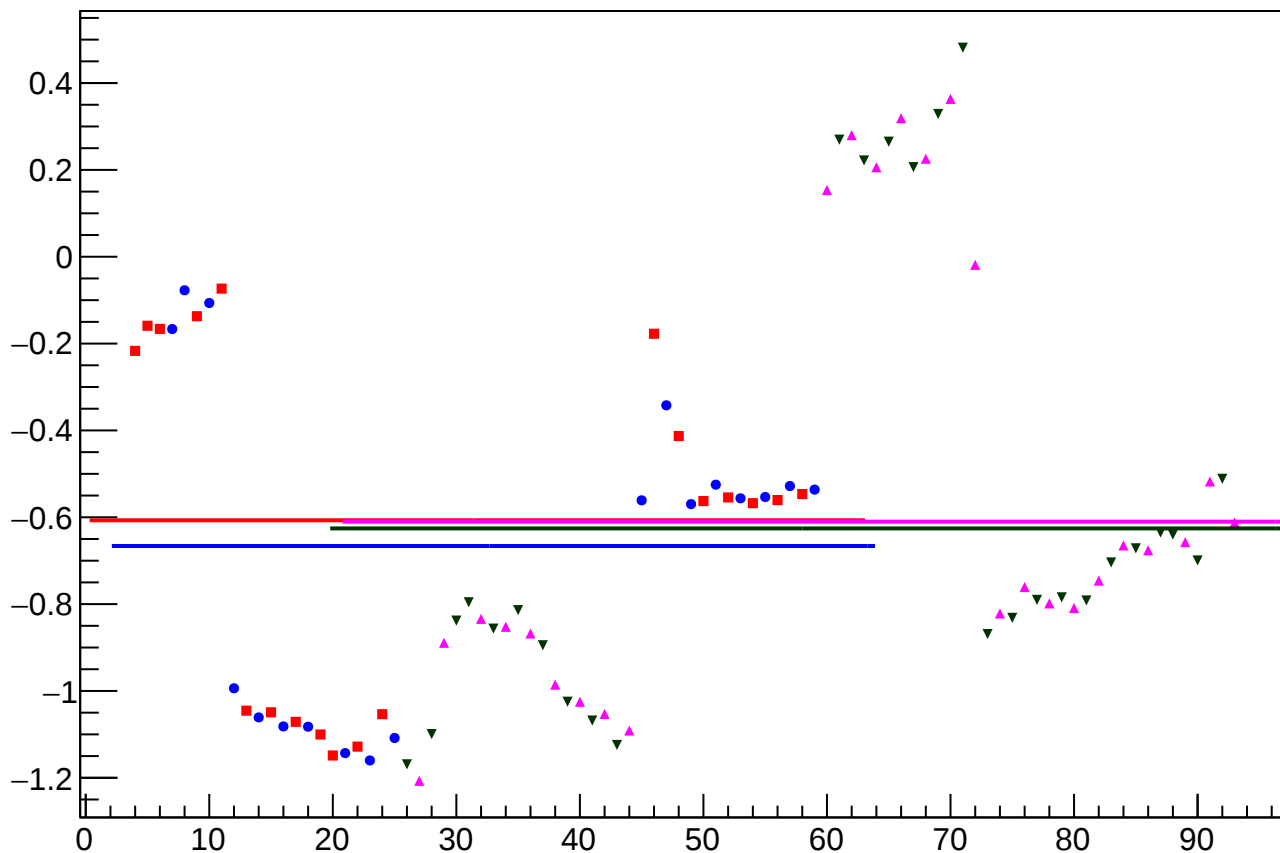
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1273654.6/25

0.004+/-0.000 χ^2/NDF : 4940326.9/44

0.004+/-0.000 χ^2/NDF : 4544273.5/44

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.626+/-0.000 χ^2/NDF : 40430257937.0/26

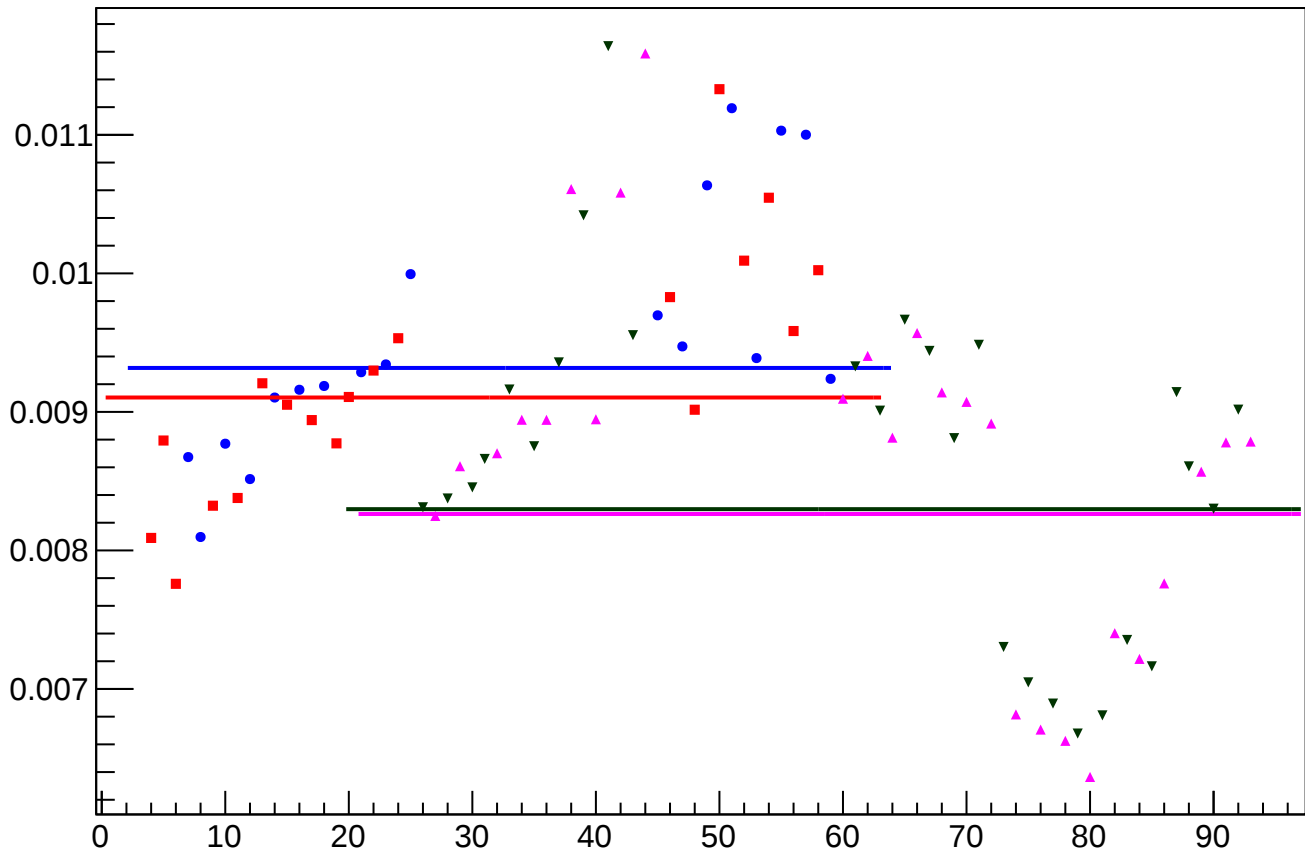
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.610+/-0.000 χ^2/NDF : 41432027988.3/25

-0.642+/-0.000 χ^2/NDF : 59688791596.6/44

-0.609+/-0.000 χ^2/NDF : 60650042821.7/44

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 165772.4/17

Left Out: 0.008+/-0.000 χ^2/NDF : 509613.5/26

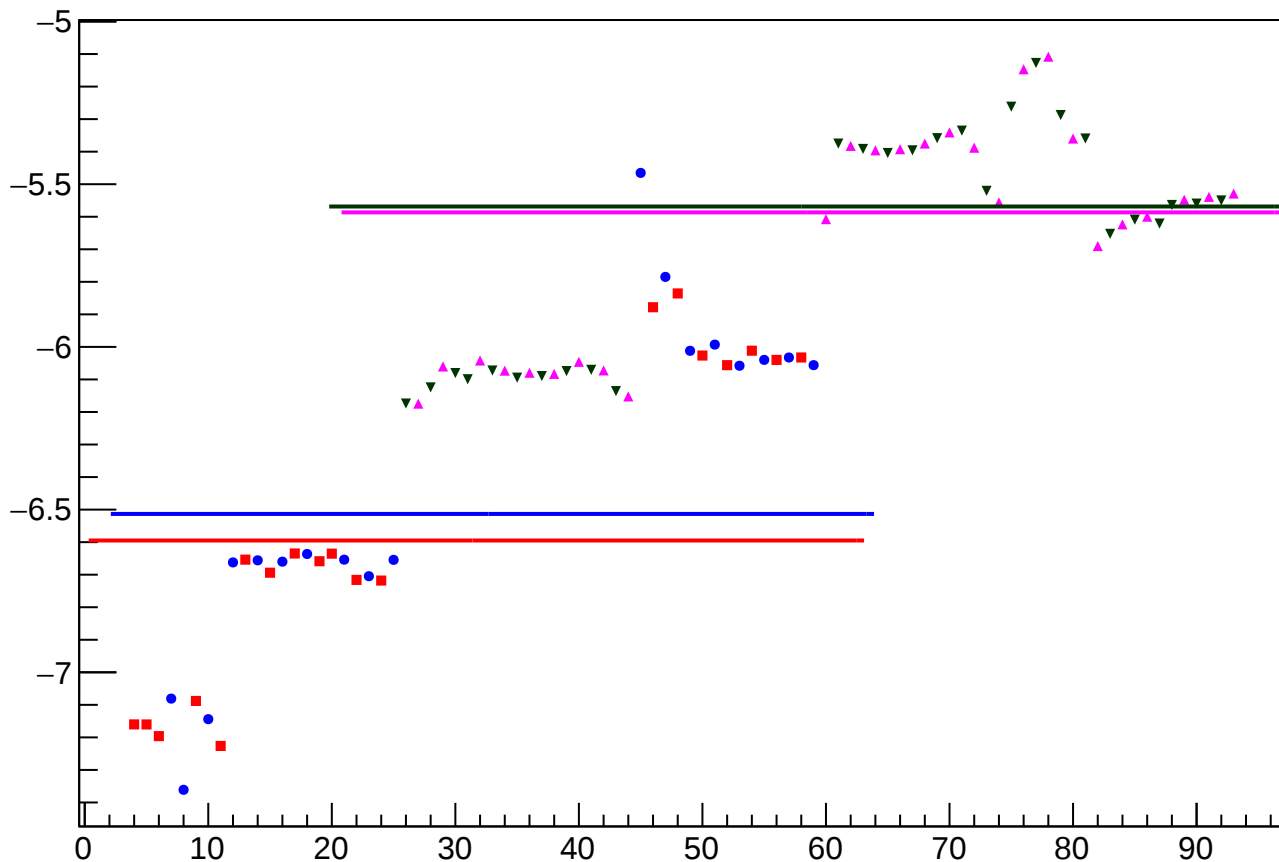
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.008+/-0.000 χ^2/NDF : 578134.8/25

0.009+/-0.000 χ^2/NDF : 831313.0/44

0.009+/-0.000 χ^2/NDF : 841433.2/44

yield_bpm0l01Y_mean vs slug



Right In: -6.513+/-0.000 χ^2/NDF : 34103178286.6/17

Left Out: -5.569+/-0.000 χ^2/NDF :23147959441.1/26

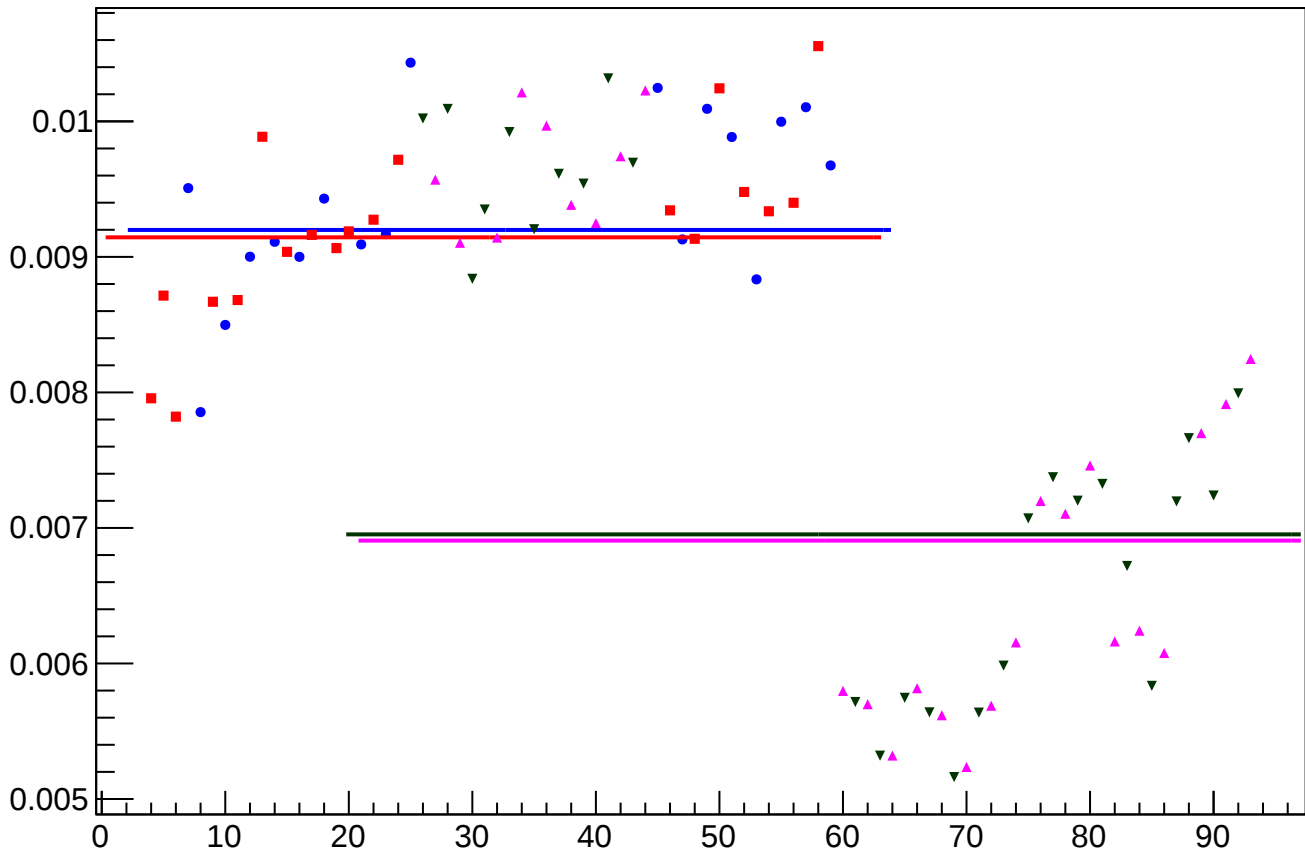
-5.886+/-0.000 χ^2/NDF : 133103233836.8/44

Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

-5.882+/-0.000 χ^2/NDF : 131743191705.0/44

Left In: -5.587+/-0.000 χ^2/NDF :24173597032.3/25

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 : 1322850.0/26

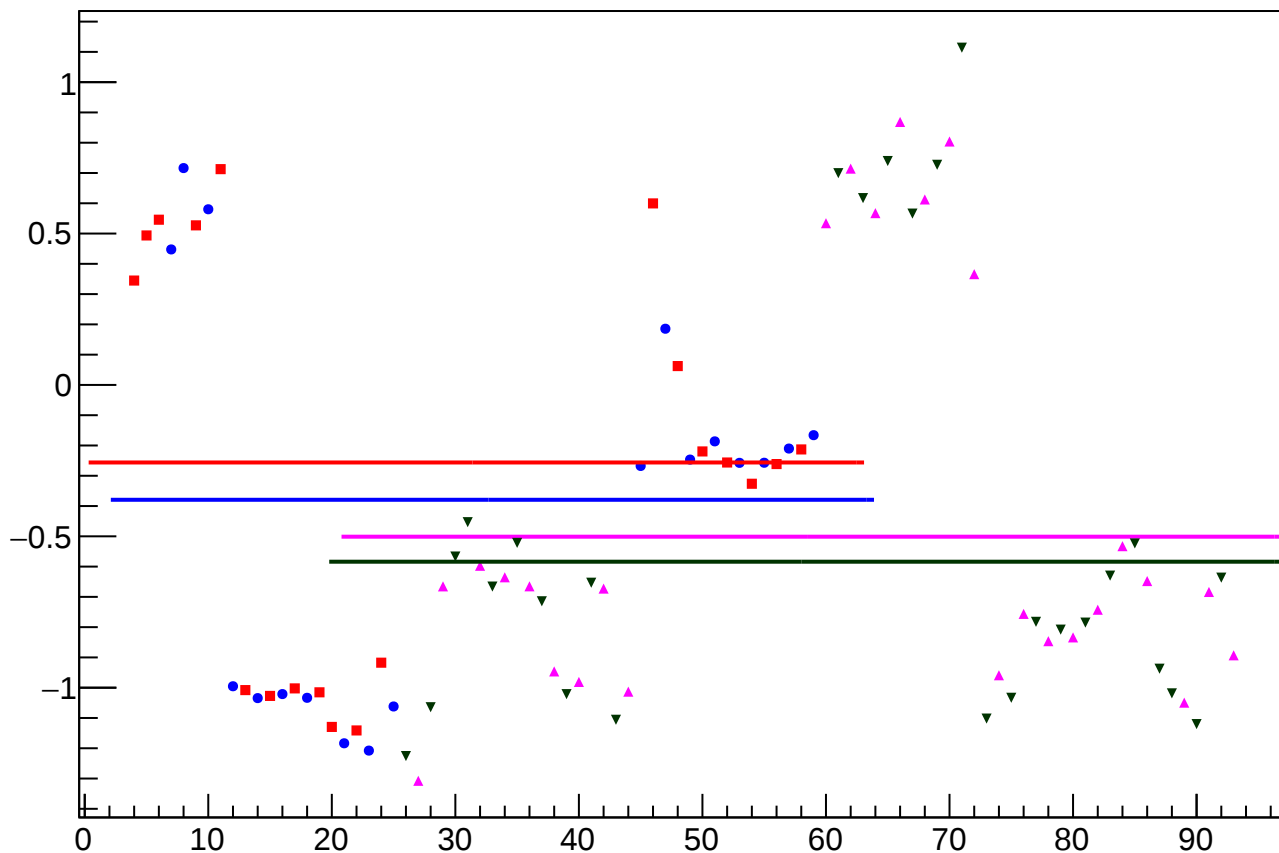
Right Out: 0.009 ± 0.000 χ^2/NDF : 101222.8/18

Left In: 0.007 ± 0.000 χ^2/NDF : 1364983.7/25

0.008 ± 0.000 χ^2/NDF : 2301025.8/44

0.008 ± 0.000 χ^2/NDF : 2271709.8/44

yield_bpm0l02X_mean vs slug



Right In: -0.379+/-0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.584+/-0.000 χ^2/NDF : 23972447358.0/26

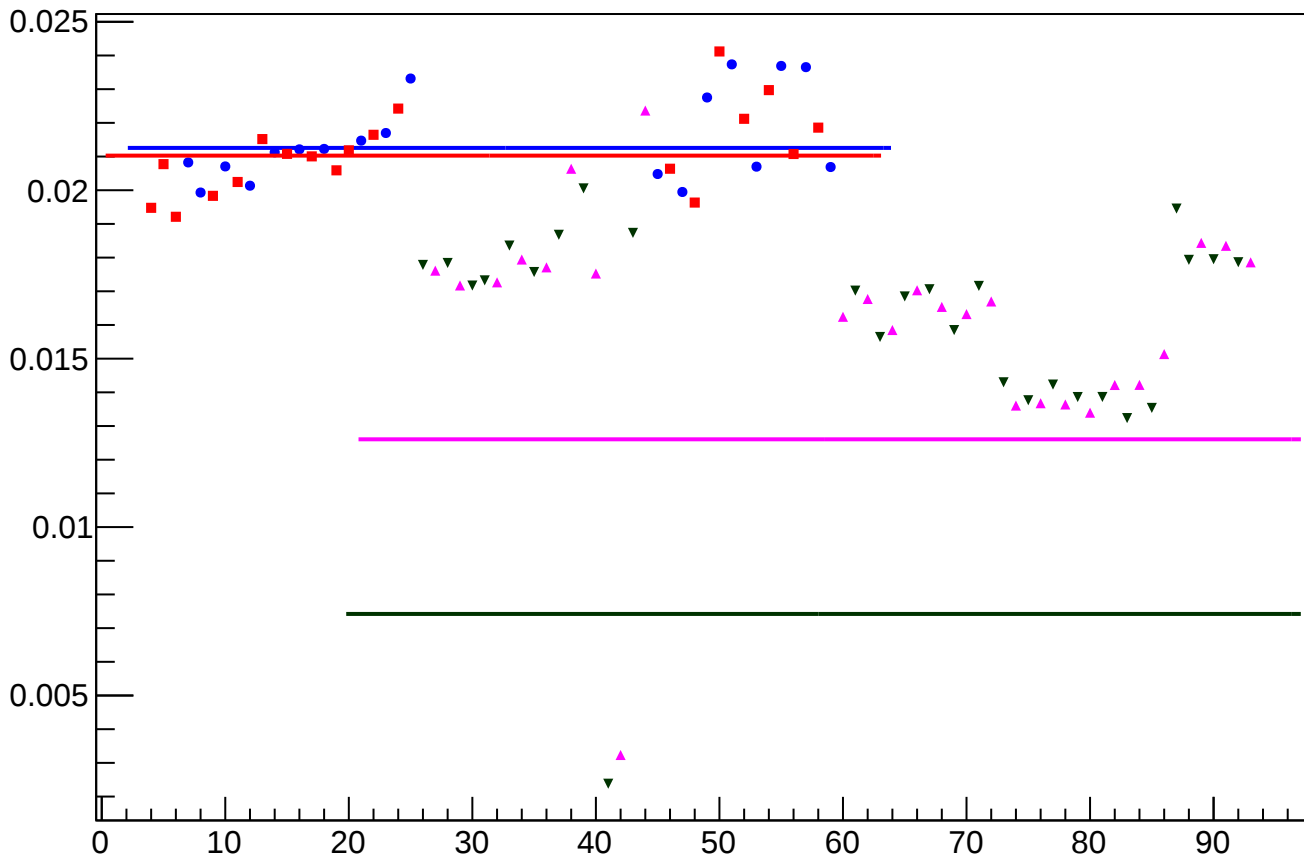
Right Out: -0.256+/-0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.501+/-0.000 χ^2/NDF : 22734716754.6/25

-0.551+/-0.000 χ^2/NDF : 34968722068.6/44

-0.443+/-0.000 χ^2/NDF : 33845868740.2/44

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 64142.6/17

Left Out: 0.007+/-0.000 χ^2/NDF : 11735400.5/26

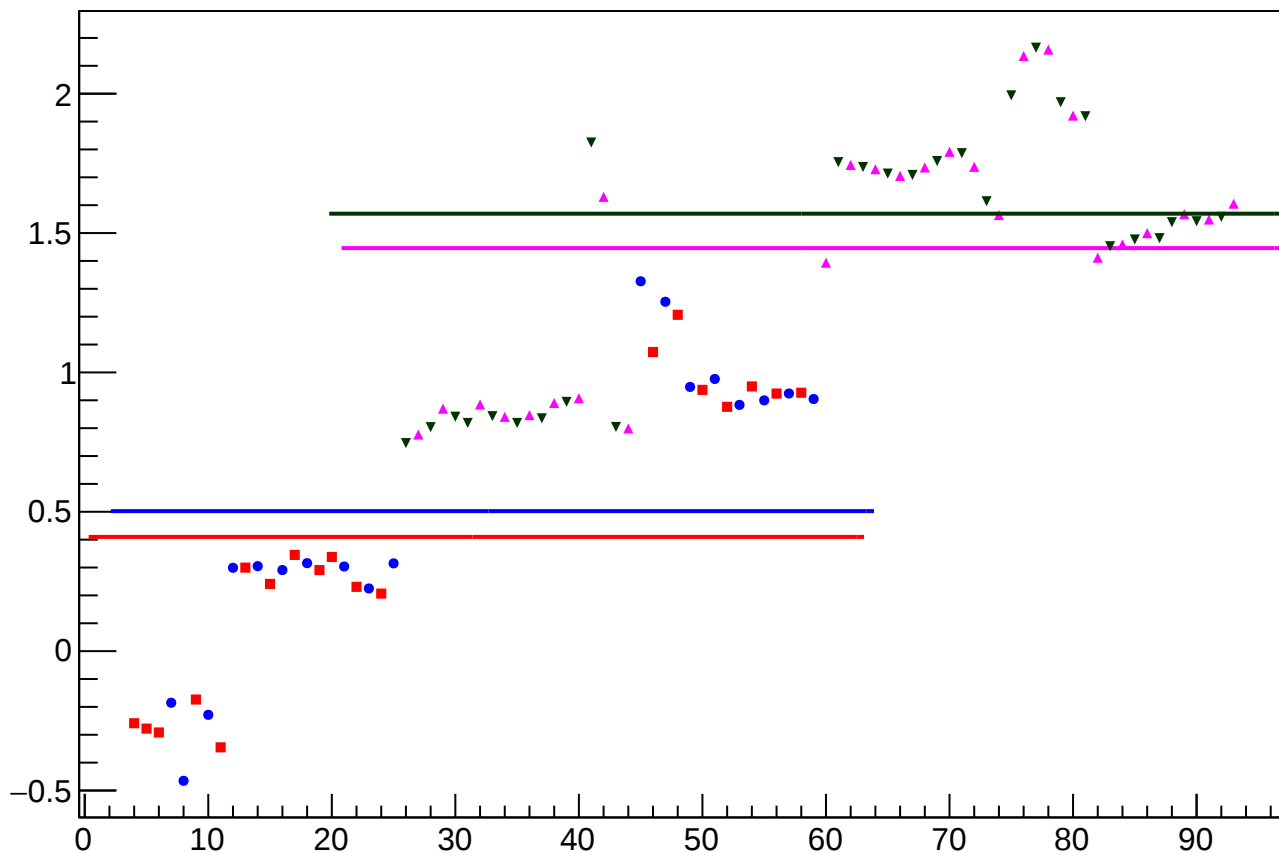
0.010+/-0.000 χ^2/NDF : 19666024.5/44

Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

0.015+/-0.000 χ^2/NDF : 7523962.8/44

Left In: 0.013+/-0.000 χ^2/NDF : 5081322.2/25

yield_bpm0l02Y_mean vs slug



Right In: 0.502+/-0.000 χ^2/NDF : 19155654908.3/17

Left Out: 1.570+/-0.000 χ^2/NDF : 26307269818.3/26

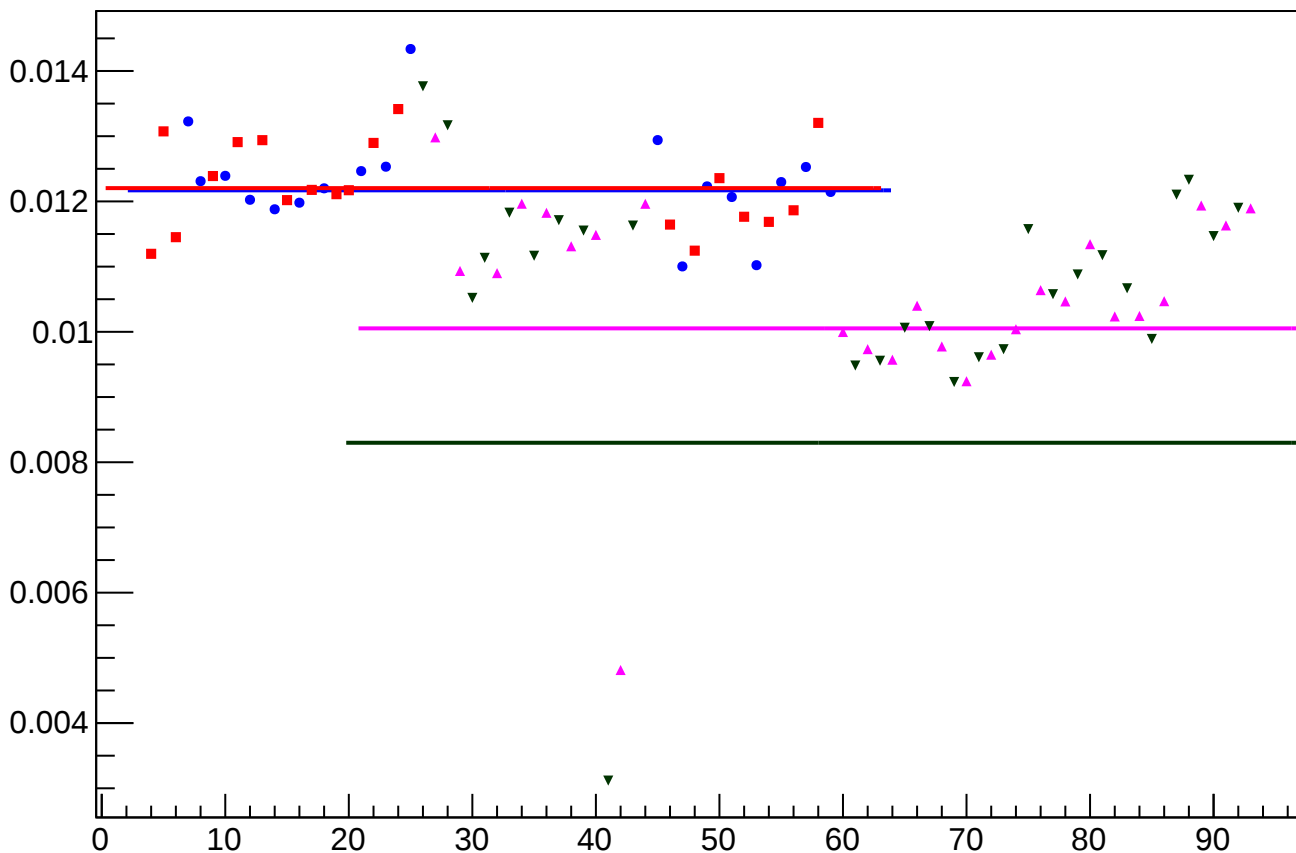
Right Out: 0.410+/-0.000 χ^2/NDF : 16439315084.0/18

Left In: 1.446+/-0.000 χ^2/NDF : 22021202425.1/25

1.229+/-0.000 χ^2/NDF : 102781808098.1/44

1.104+/-0.000 χ^2/NDF : 84926292957.5/44

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 45604.3/17

Left Out: 0.008 $\pm$ 0.000 χ^2 /NDF:4300317.2/26

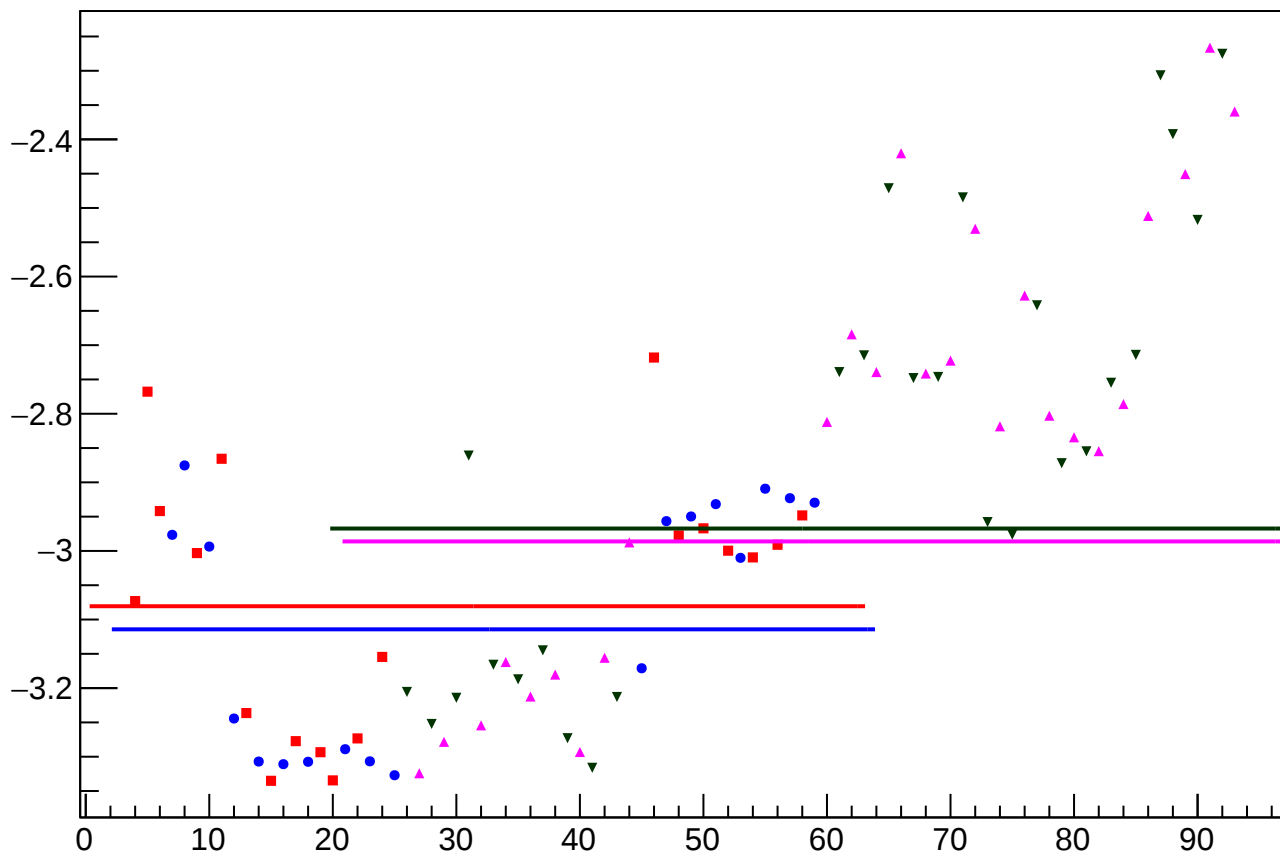
0.010 $\pm$ 0.000 χ^2 /NDF: 5854384.2/44

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1540718.2/44

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:1087148.7/25

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -2.967+/-0.000 χ^2/NDF :16622367227.9/26

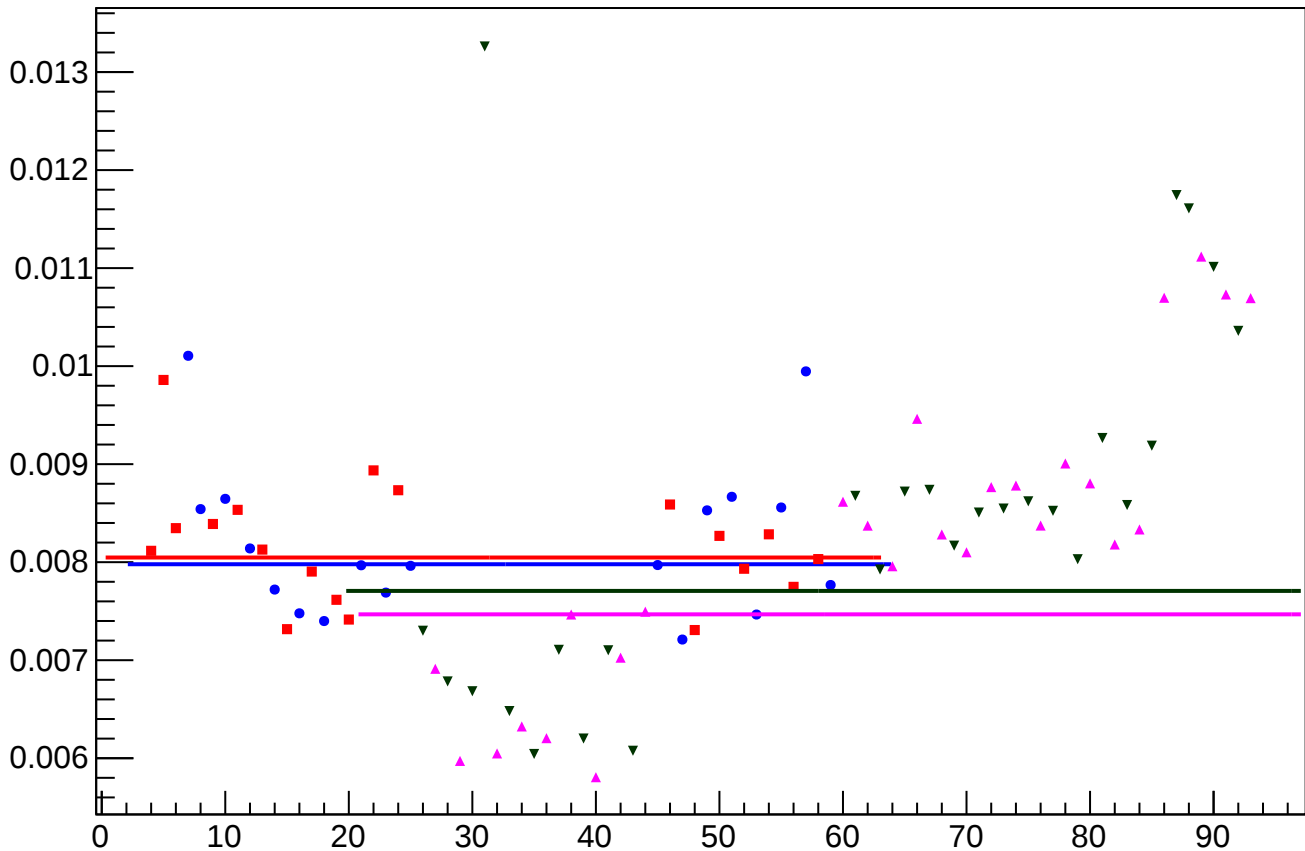
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -2.986+/-0.000 χ^2/NDF :19334554005.8/25

-3.031+/-0.000 χ^2/NDF : 23072961452.2/44

-3.022+/-0.000 χ^2/NDF : 23892554029.8/44

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 95241.7/17

Left Out: 0.008+/-0.000 χ^2/NDF : 760824.2/26

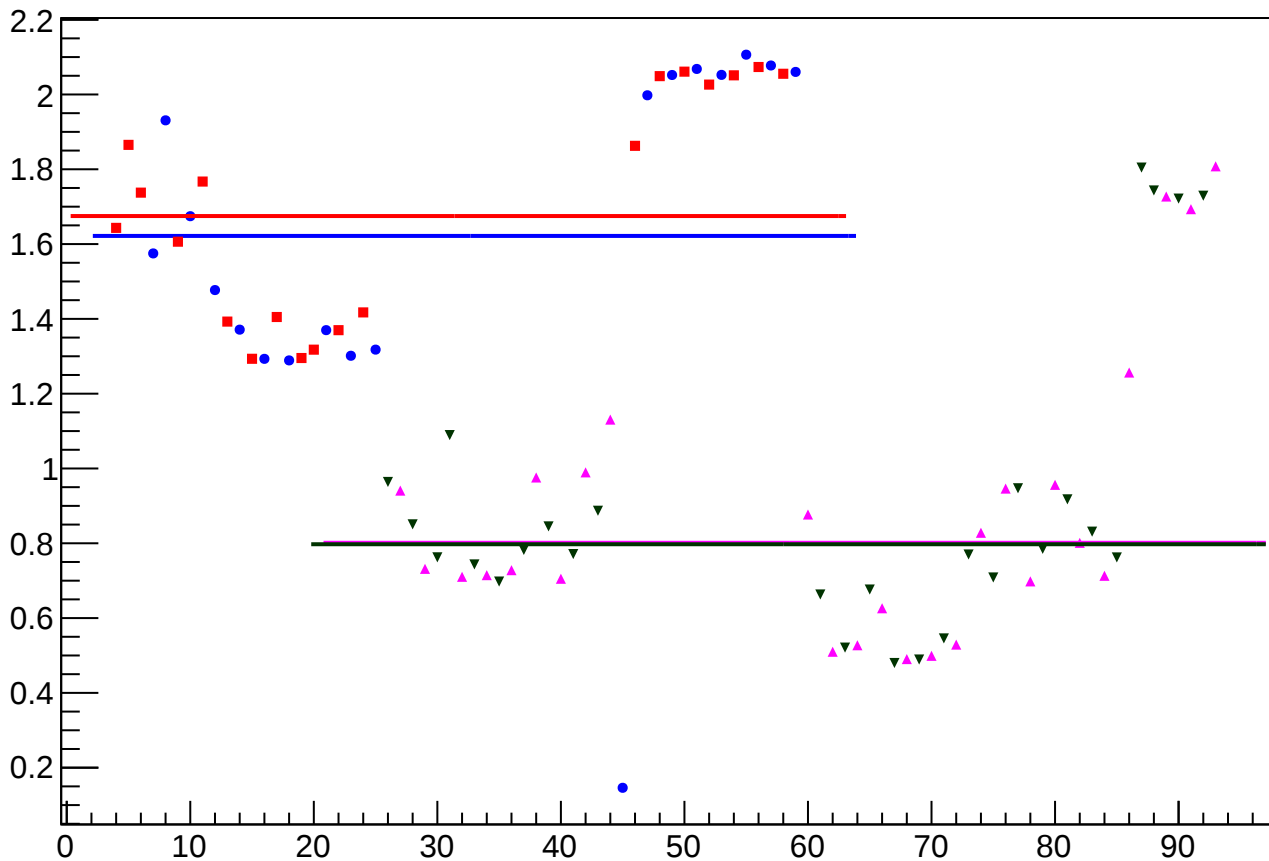
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 832571.1/25

0.008+/-0.000 χ^2/NDF : 868567.9/44

0.008+/-0.000 χ^2/NDF : 944210.8/44

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.797 $\pm$ 0.000 χ^2 /NDF: 20863640206.0/26

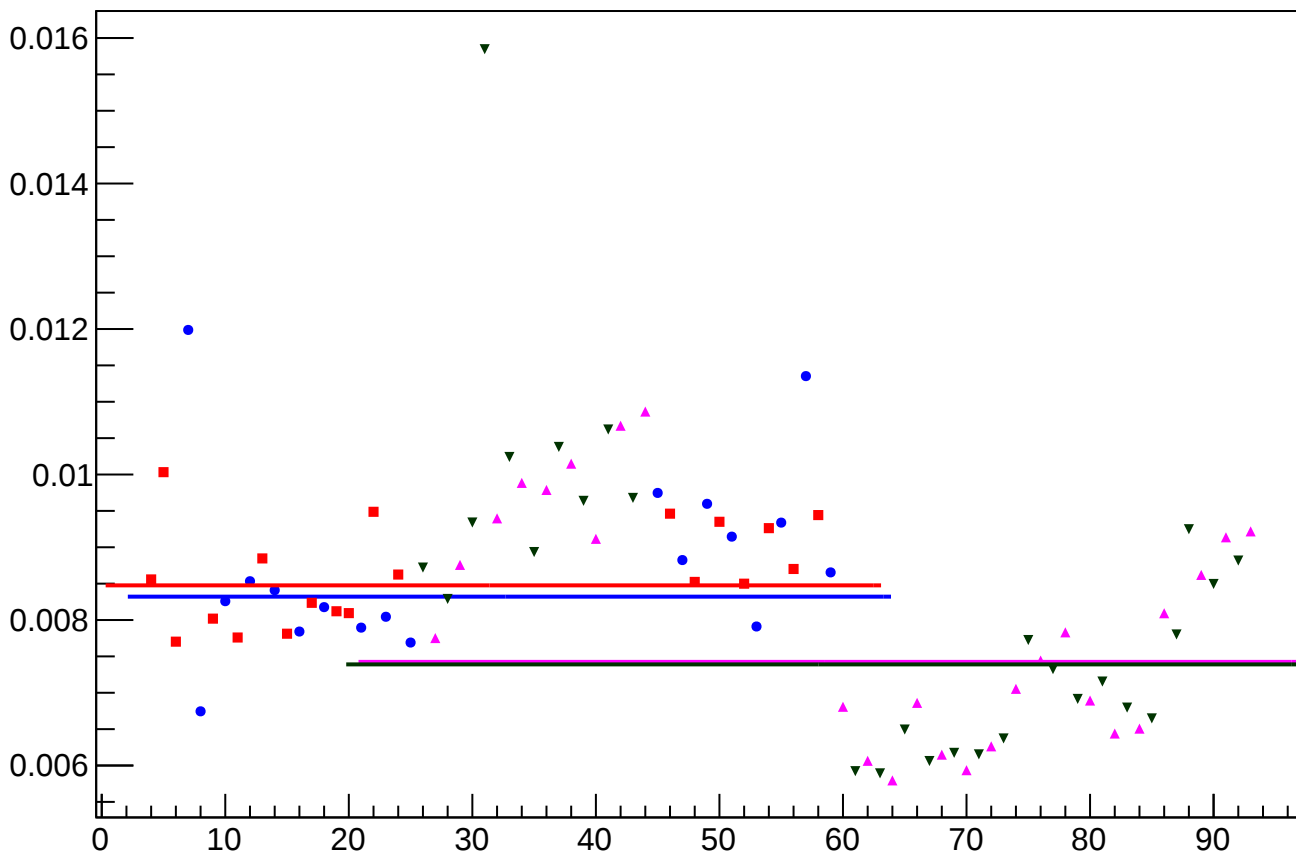
Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

Left In: 0.801 $\pm$ 0.000 χ^2 /NDF: 21462374608.6/25

1.126 $\pm$ 0.000 χ^2 /NDF: 102156934533.6/44

1.106 $\pm$ 0.000 χ^2 /NDF: 87878645801.6/44

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 231289.2/17

Left Out: 0.007+/-0.000 χ^2/NDF : 958027.5/26

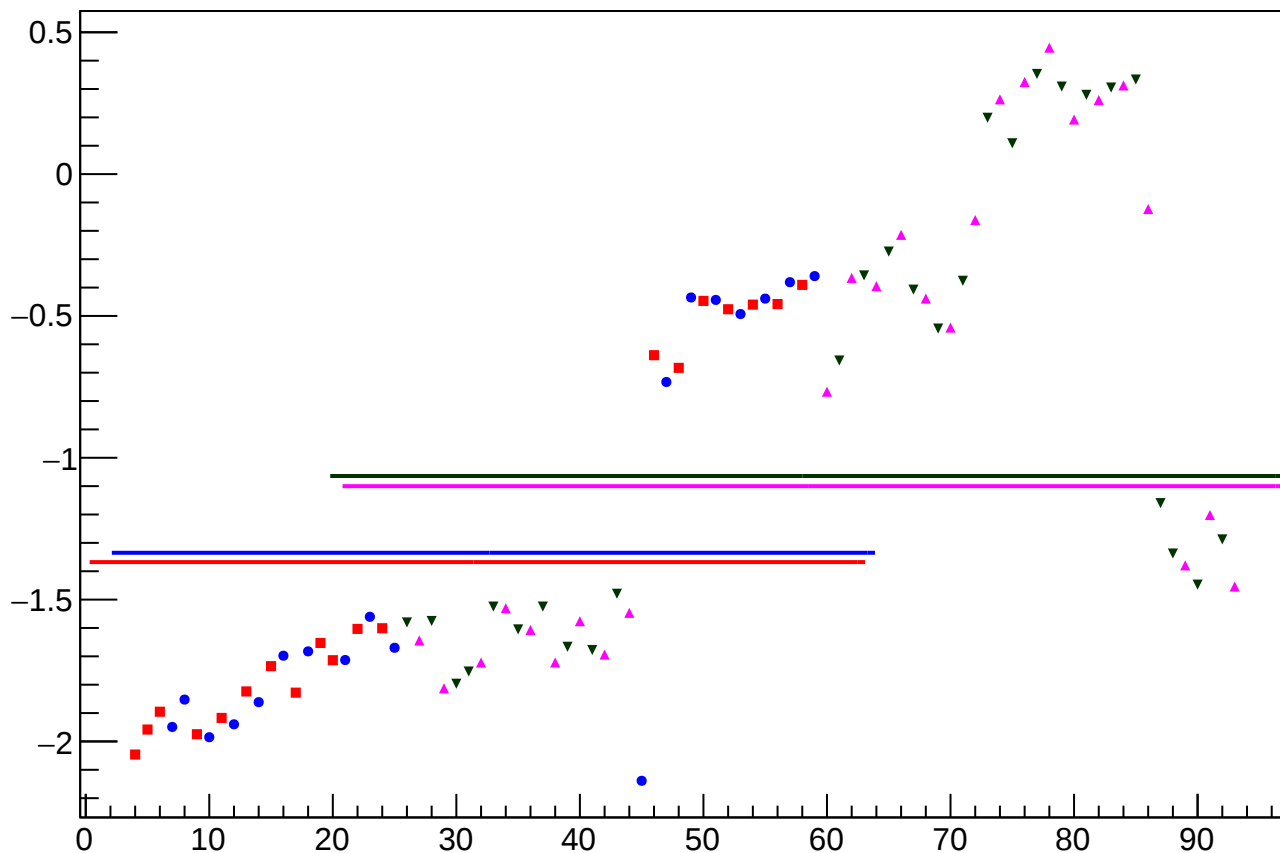
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 858200.5/25

0.008+/-0.000 χ^2/NDF : 1330383.4/44

0.008+/-0.000 χ^2/NDF : 1102460.9/44

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.064+/-0.000 χ^2/NDF : 35463572915.1/26

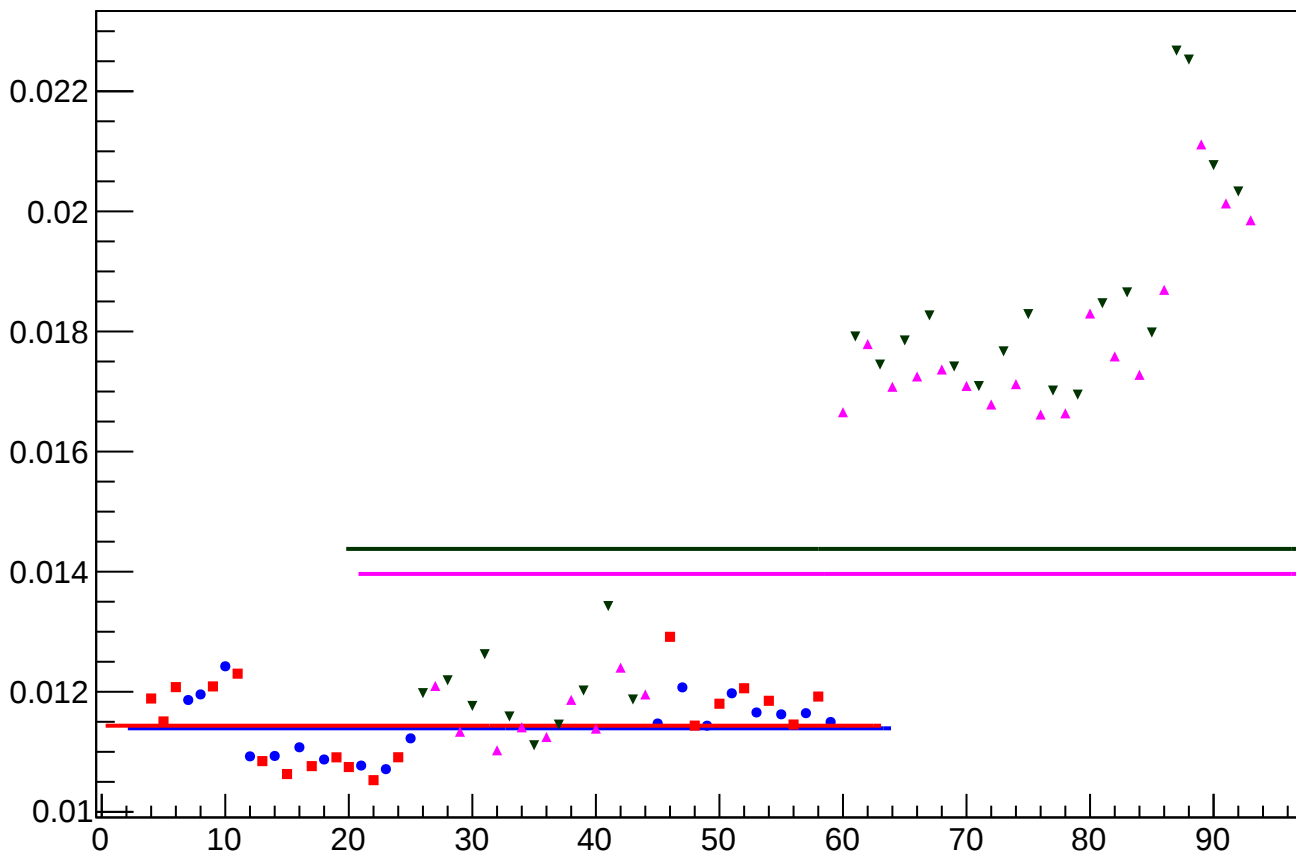
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.100+/-0.000 χ^2/NDF : 41923422084.5/25

-1.223+/-0.000 χ^2/NDF : 76449681474.3/44

-1.240+/-0.000 χ^2/NDF : 73548711340.2/44

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 41989.4/17

Left Out: 0.014+/-0.000 χ^2/NDF :1213870.1/26

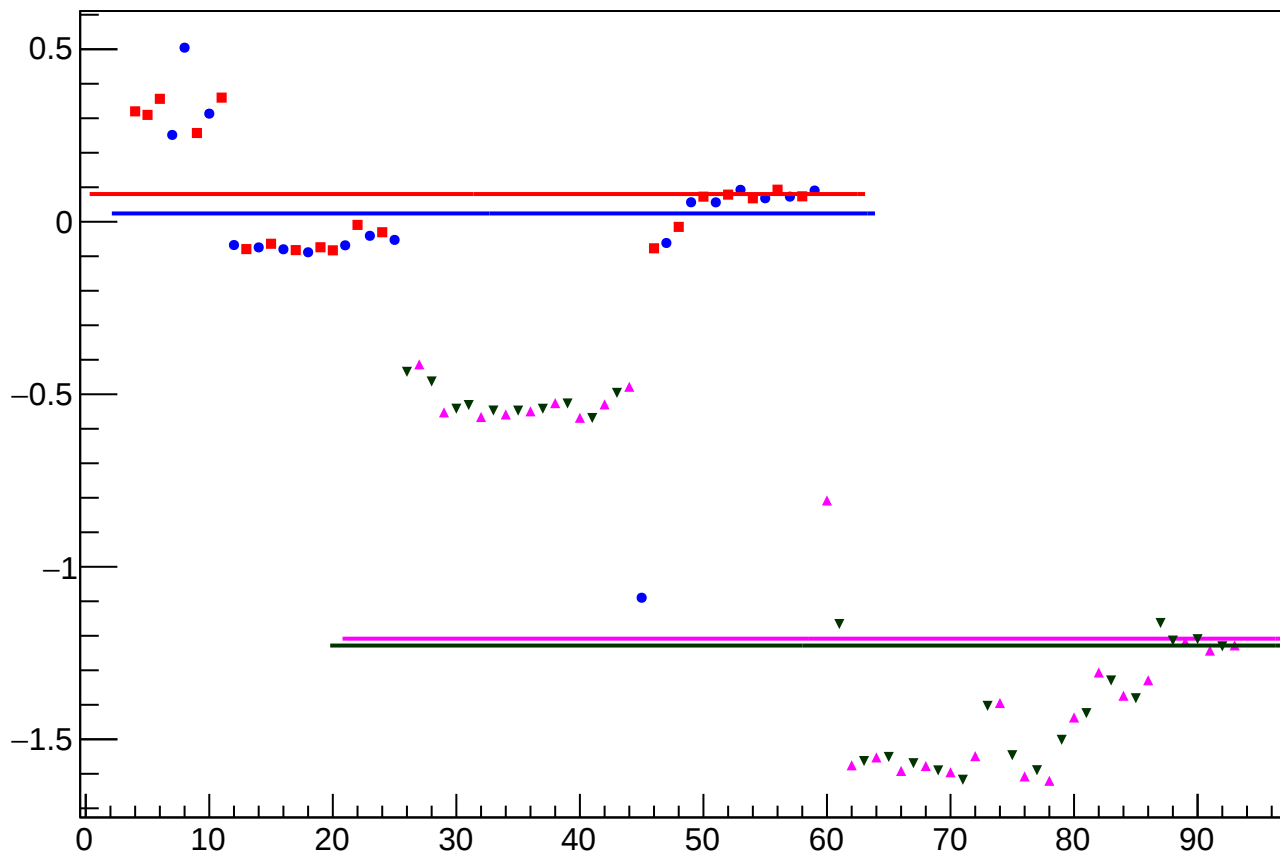
0.013+/-0.000 χ^2/NDF : 1886882.3/44

Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

0.013+/-0.000 χ^2/NDF : 1810079.1/44

Left In: 0.014+/-0.000 χ^2/NDF :1286601.2/25

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -1.228+/-0.000 χ^2/NDF : 57837547016.1/26

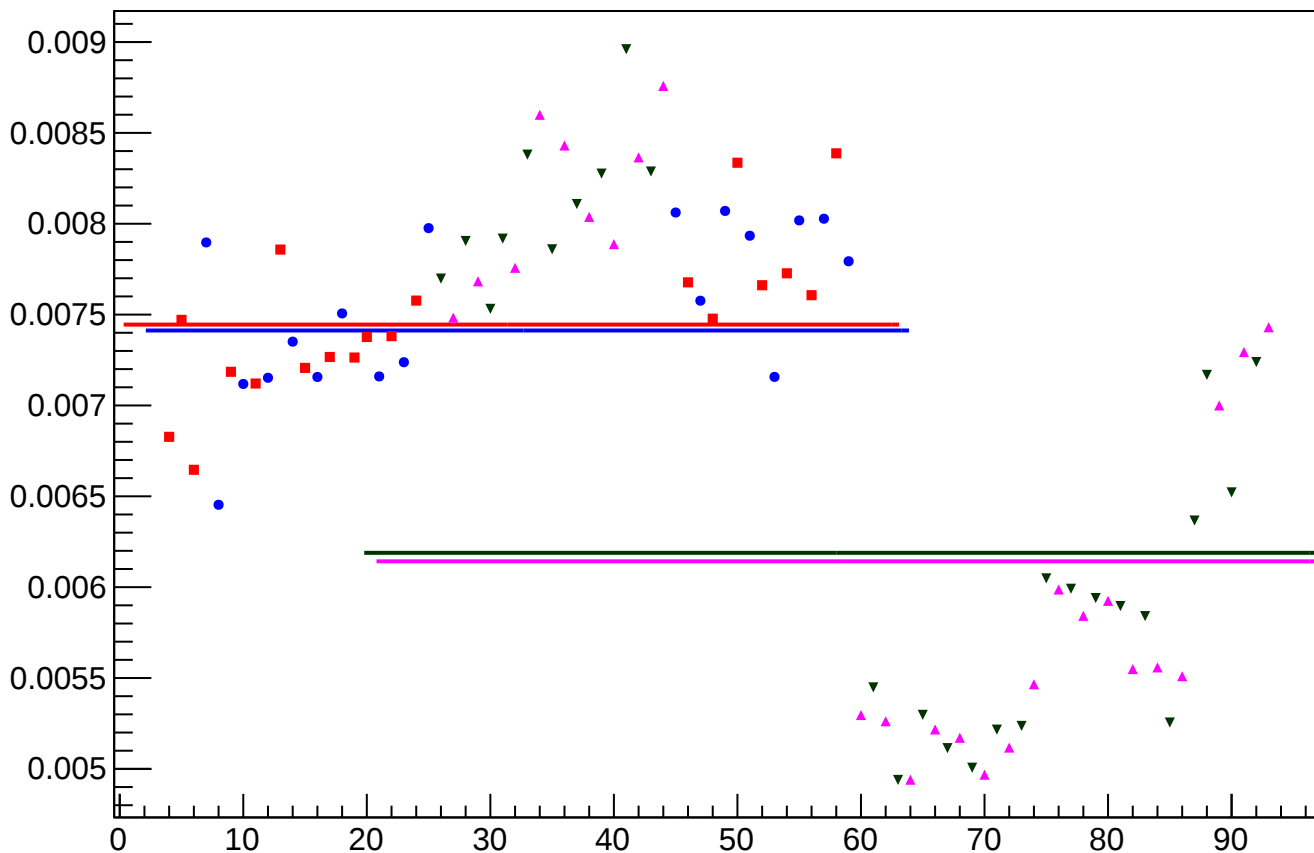
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -1.208+/-0.000 χ^2/NDF : 66036261069.6/25

-0.754+/-0.000 χ^2/NDF : 269203347839.7/44

-0.786+/-0.000 χ^2/NDF : 263317743698.1/44

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 : 937940.6/26

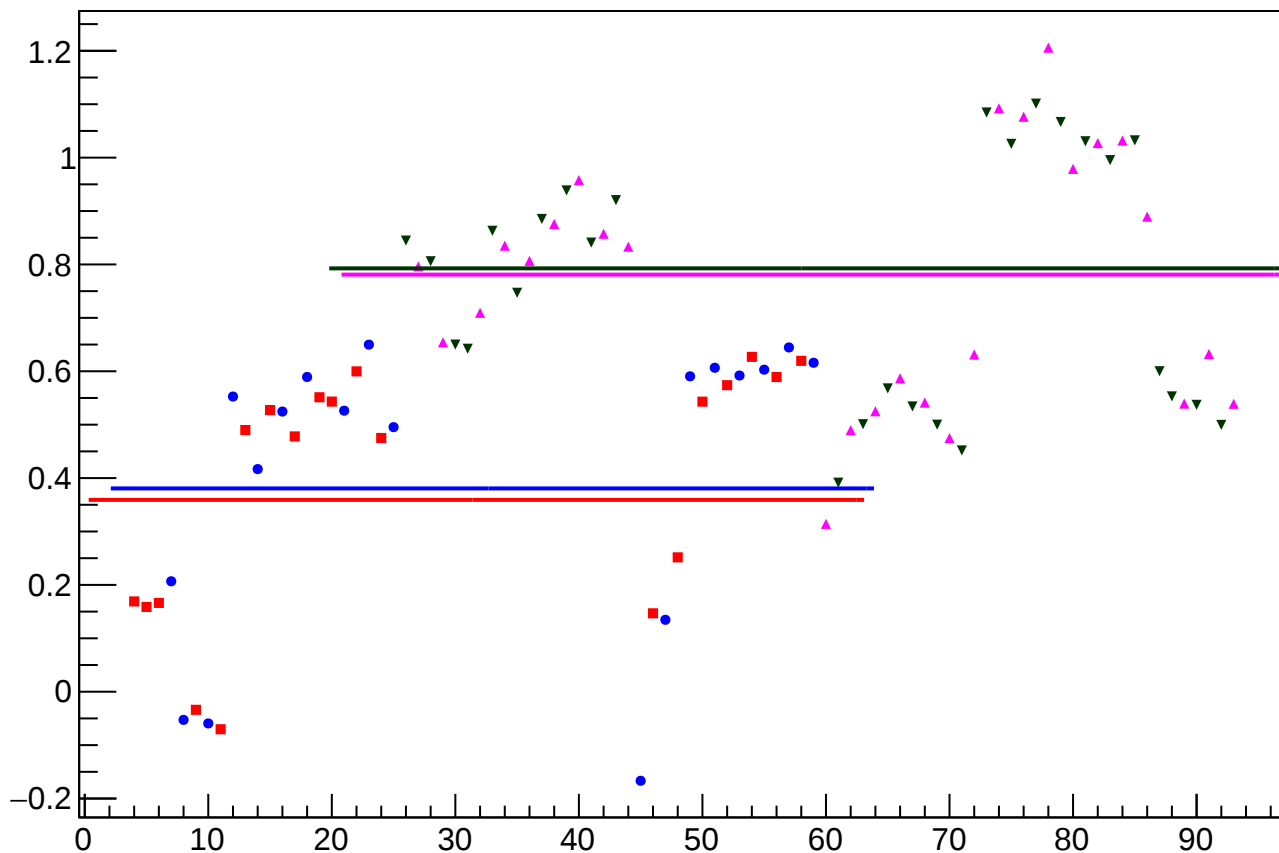
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.006+/-0.000 χ^2/NDF : 1005734.4/25

0.007+/-0.000 χ^2/NDF : 1397743.6/44

0.007+/-0.000 χ^2/NDF : 1460831.2/44

yield_bpm0l05X_mean vs slug



Right In: 0.381 ± 0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.793 ± 0.000 χ^2/NDF : 12005149869.2/26

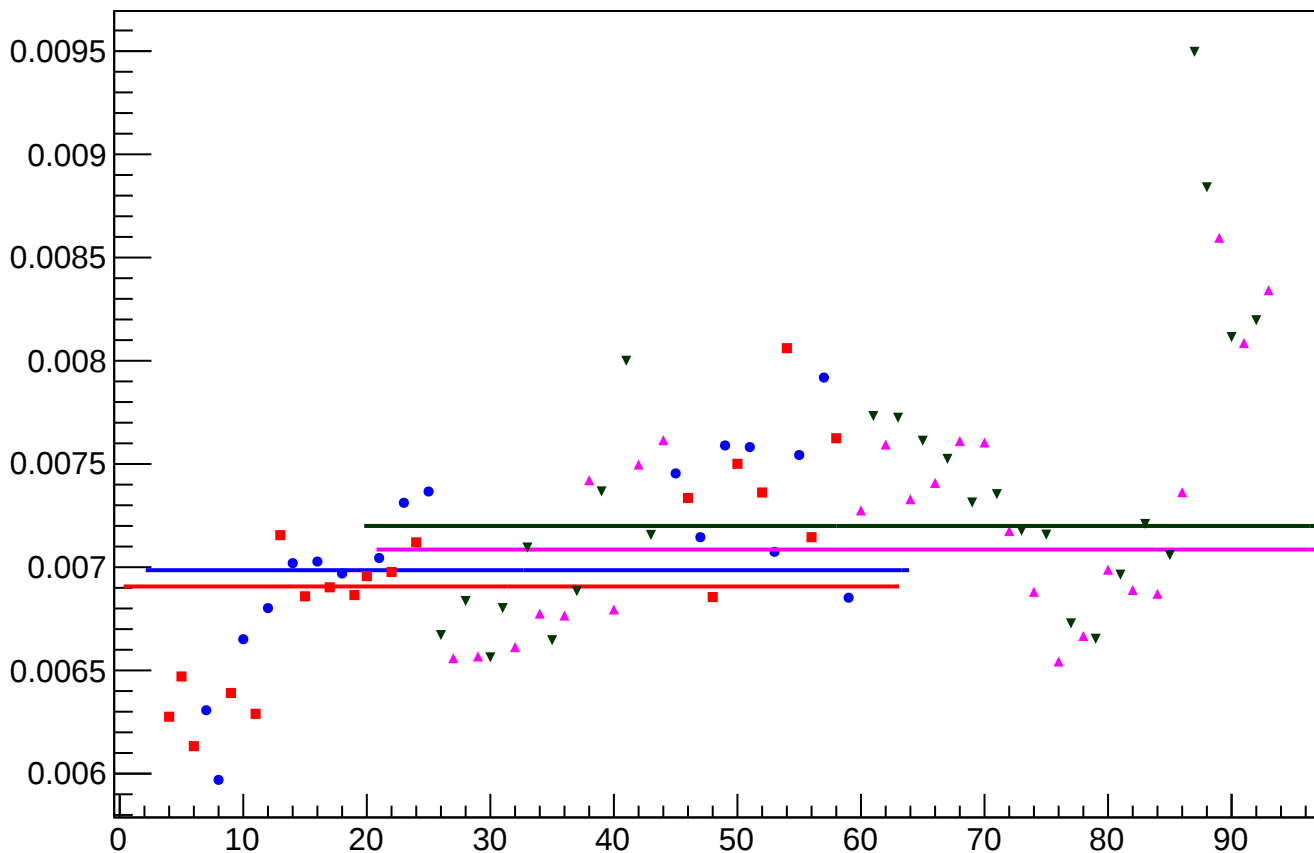
Right Out: 0.359 ± 0.000 χ^2/NDF : 11904326957.3/18

Left In: 0.781 ± 0.000 χ^2/NDF : 13047274714.8/25

0.598 ± 0.000 χ^2/NDF : 49855384003.9/44

0.603 ± 0.000 χ^2/NDF : 45751337129.3/44

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 :133959.8/26

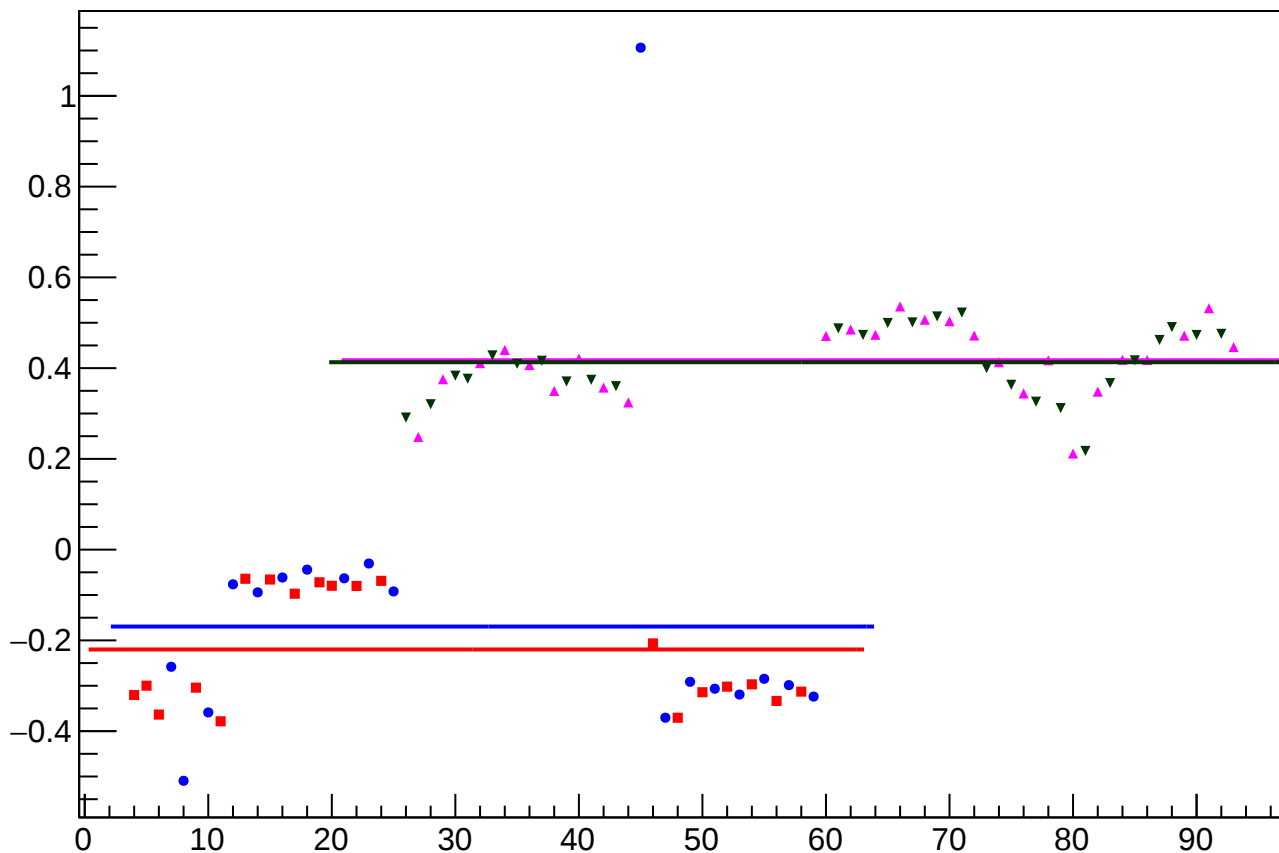
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF :137595.7/25

0.007+/-0.000 χ^2/NDF : 251983.7/44

0.007+/-0.000 χ^2/NDF : 242621.4/44

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.413+/-0.000 χ^2/NDF :3400190718.1/26

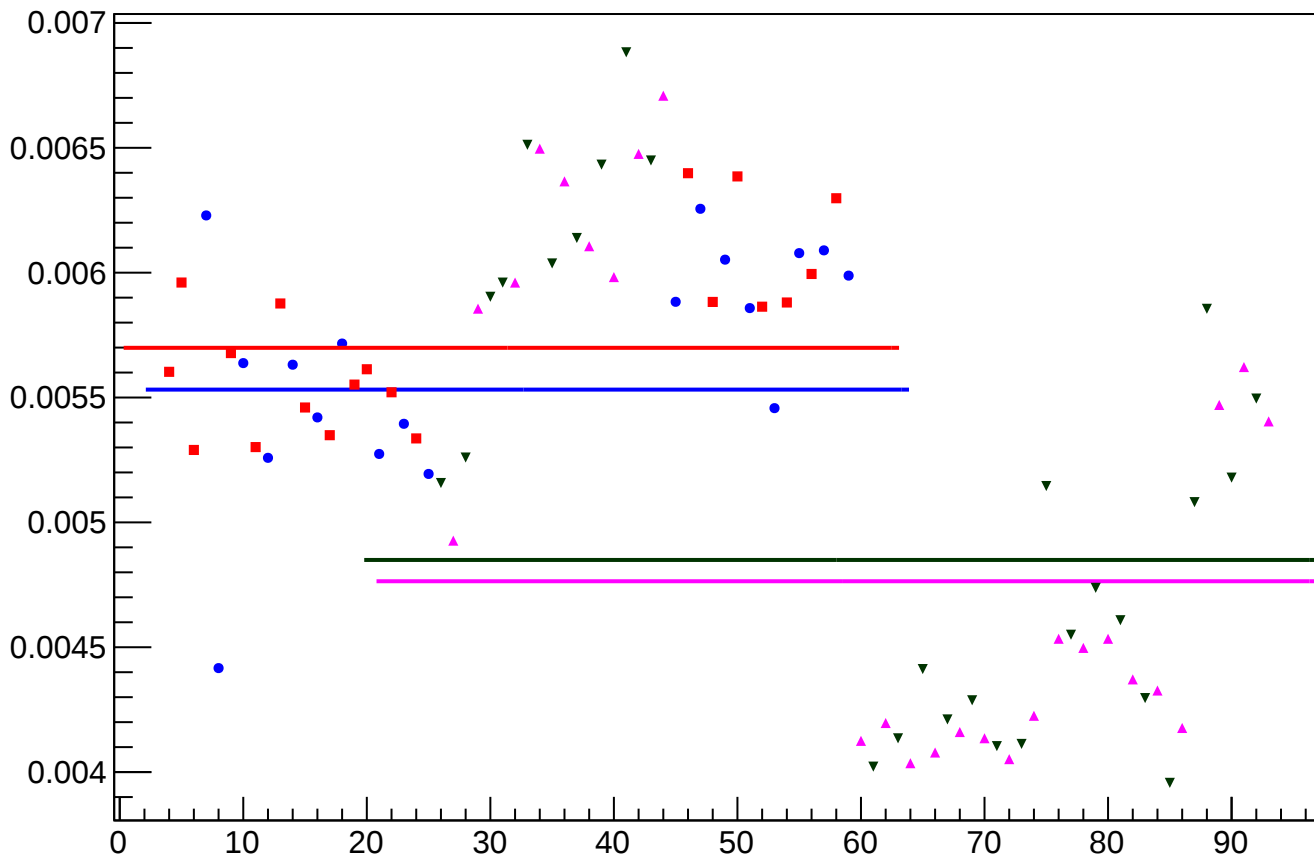
0.180+/-0.000 χ^2/NDF : 112245275662.2/44

Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

0.205+/-0.000 χ^2/NDF : 88222234161.6/44

Left In: 0.417+/-0.000 χ^2/NDF :4048266708.0/25

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 : 747047.9/26

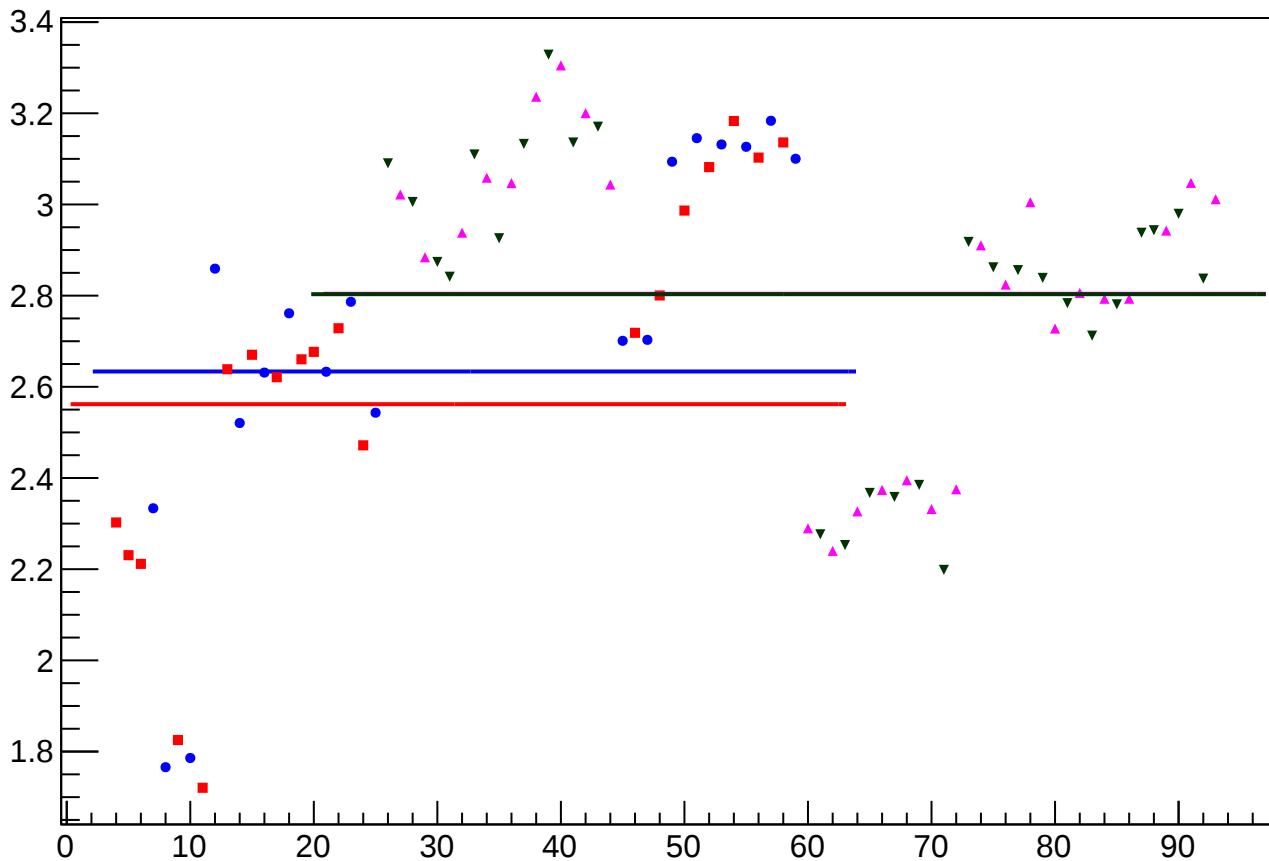
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 789867.5/25

0.005+/-0.000 χ^2/NDF : 1130730.9/44

0.005+/-0.000 χ^2/NDF : 1198015.1/44

yield_bpm0l06X_mean vs slug



Right In: 2.634+/-0.000 χ^2 /NDF: 15879791998.3/17

Left Out: 2.803+/-0.000 χ^2 /NDF: 13147177511.2/26

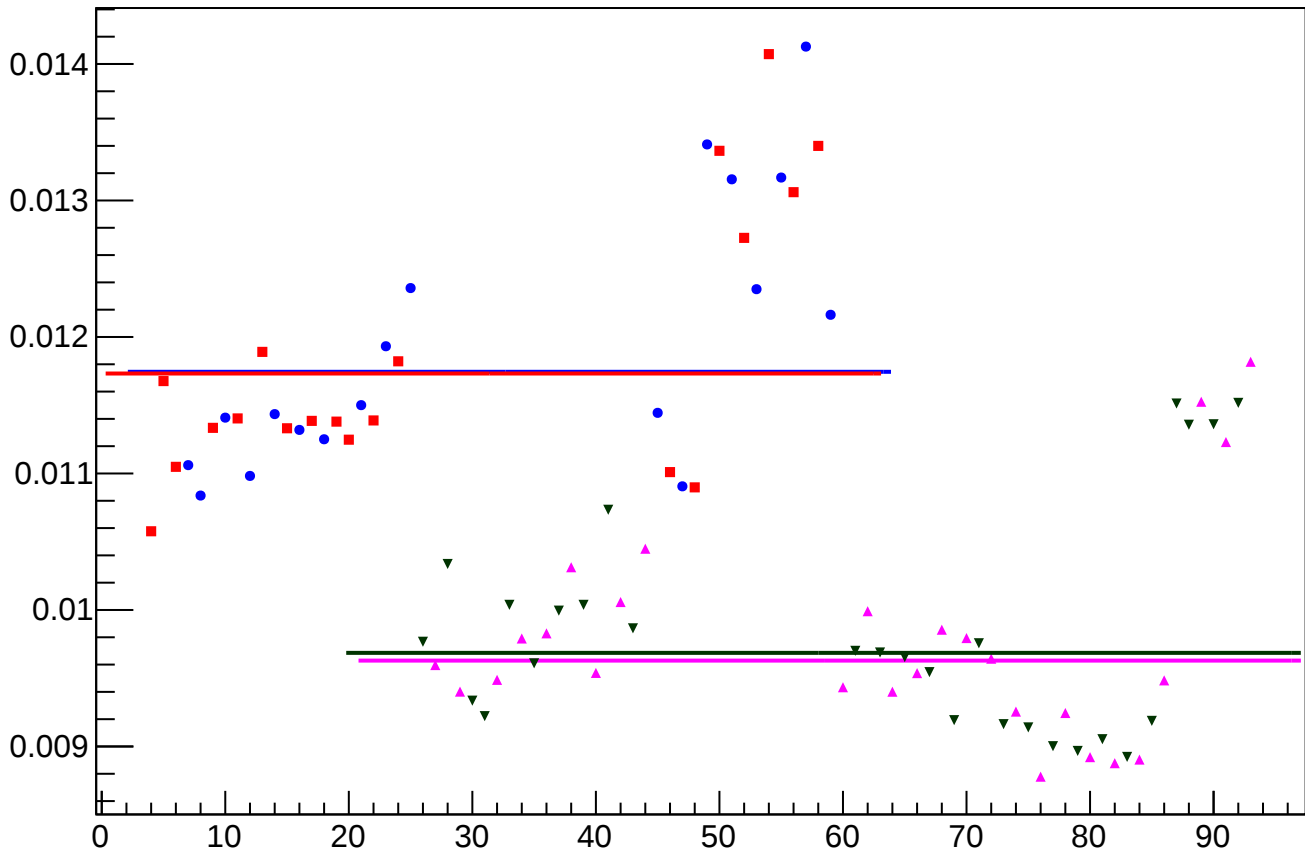
Right Out: 2.562+/-0.000 χ^2 /NDF: 12349960173.0/18

Left In: 2.804+/-0.000 χ^2 /NDF: 13636495765.3/25

2.742+/-0.000 χ^2 /NDF: 30478561029.0/44

2.727+/-0.000 χ^2 /NDF: 28778834928.1/44

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:124748.0/26

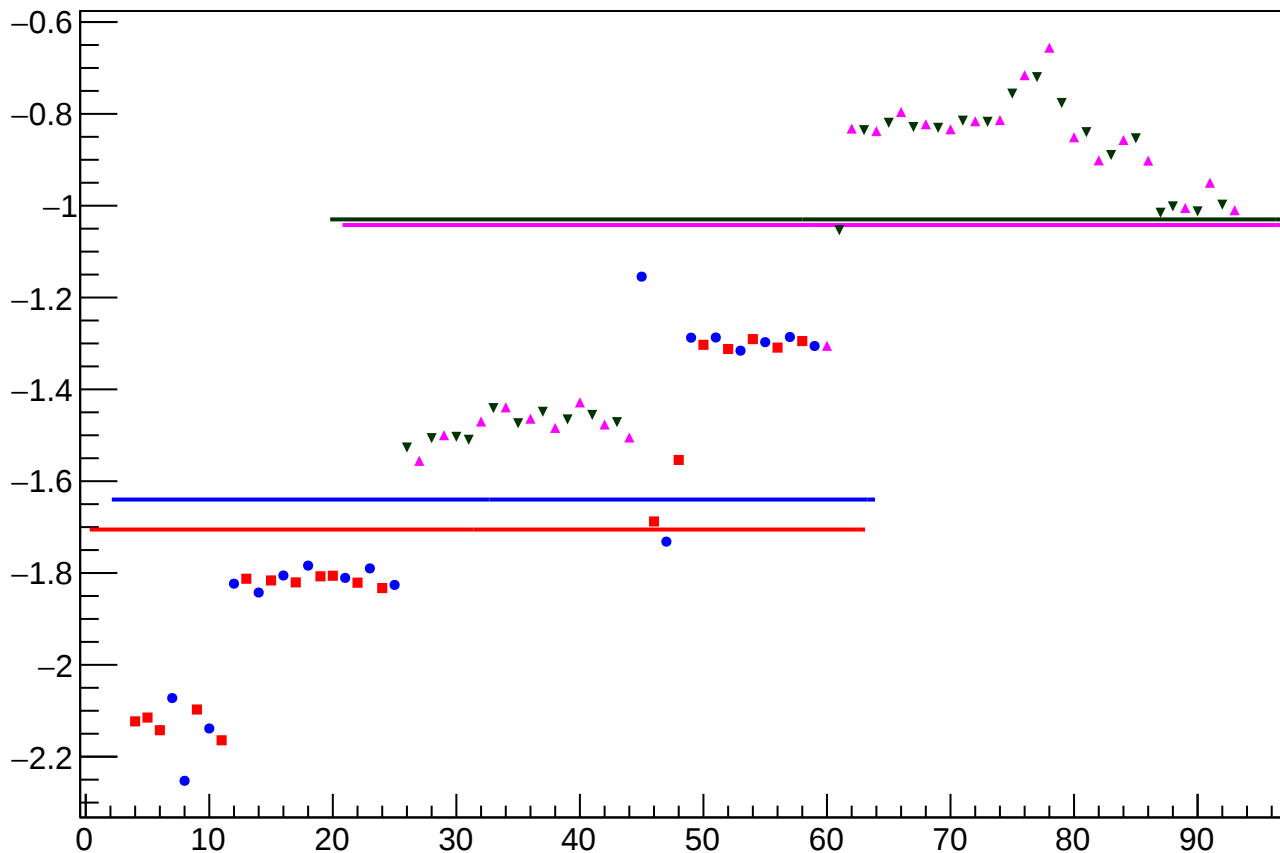
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 107336.5/18

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:121357.7/25

0.010 $\pm$ 0.000 χ^2 /NDF: 670313.1/44

0.010 $\pm$ 0.000 χ^2 /NDF: 649764.9/44

yield_bpm0l06Y_mean vs slug



Right In: -1.640+/-0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.030+/-0.000 χ^2/NDF : 53458731123.5/26

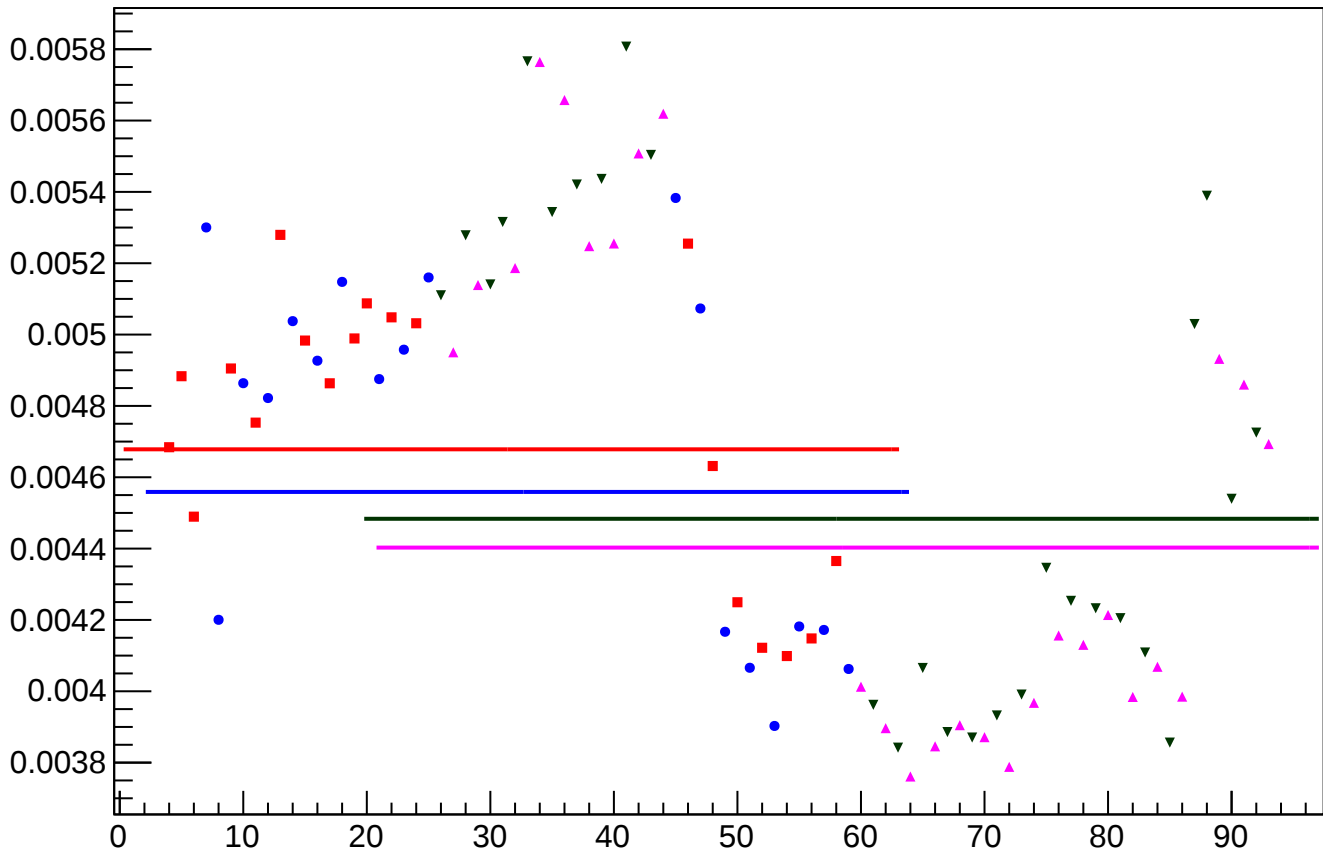
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.042+/-0.000 χ^2/NDF : 63923575651.5/25

-1.306+/-0.000 χ^2/NDF : 223665878095.0/44

-1.297+/-0.000 χ^2/NDF : 227932638960.5/44

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 228593.7/17

Left Out: 0.004+/-0.000 χ^2/NDF : 526433.7/26

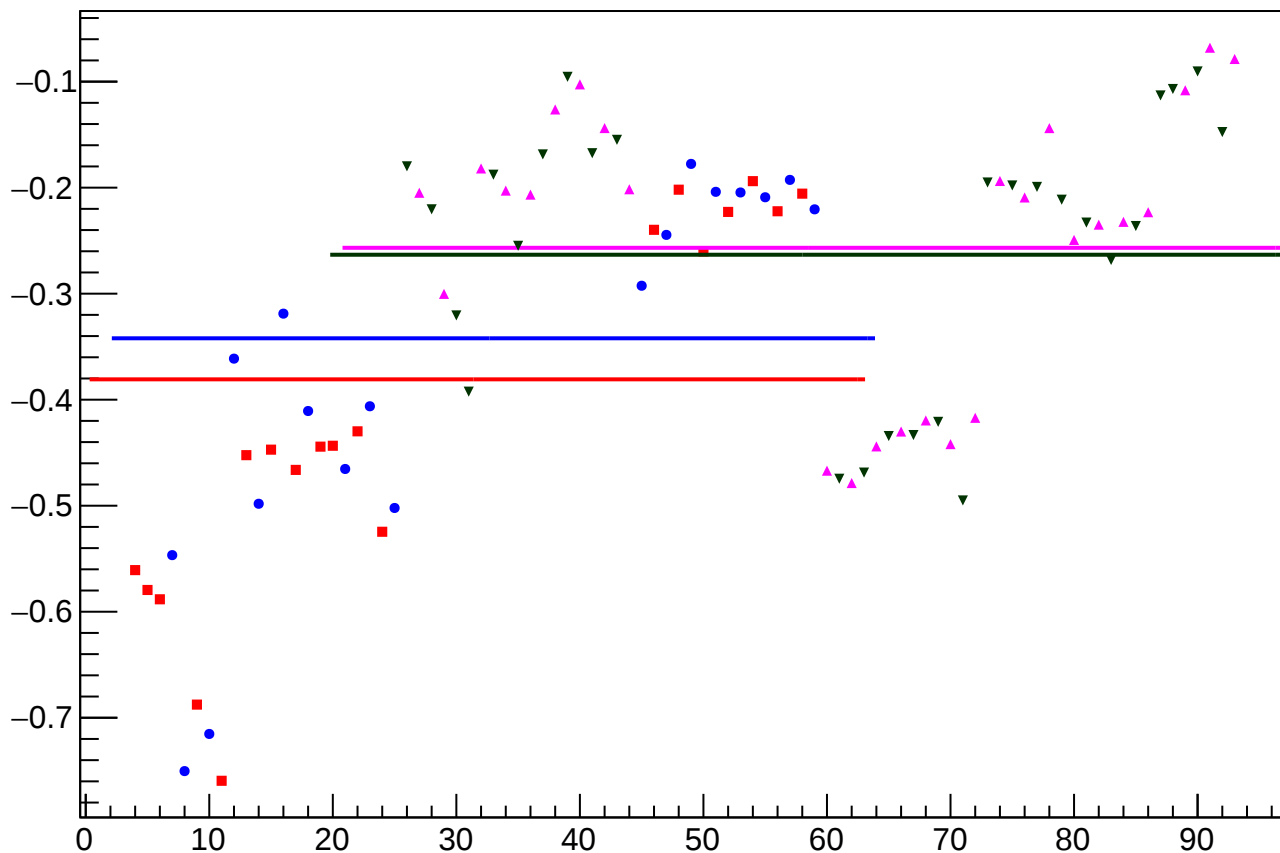
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.004+/-0.000 χ^2/NDF : 547034.6/25

0.005+/-0.000 χ^2/NDF : 758264.5/44

0.005+/-0.000 χ^2/NDF : 724388.0/44

yield_bpm0l07X_mean vs slug



Right In: -0.342 ± 0.000 $\chi^2/\text{NDF}: 1669772673.5/17$

Left Out: -0.263 ± 0.000 $\chi^2/\text{NDF}: 879833875.7/26$

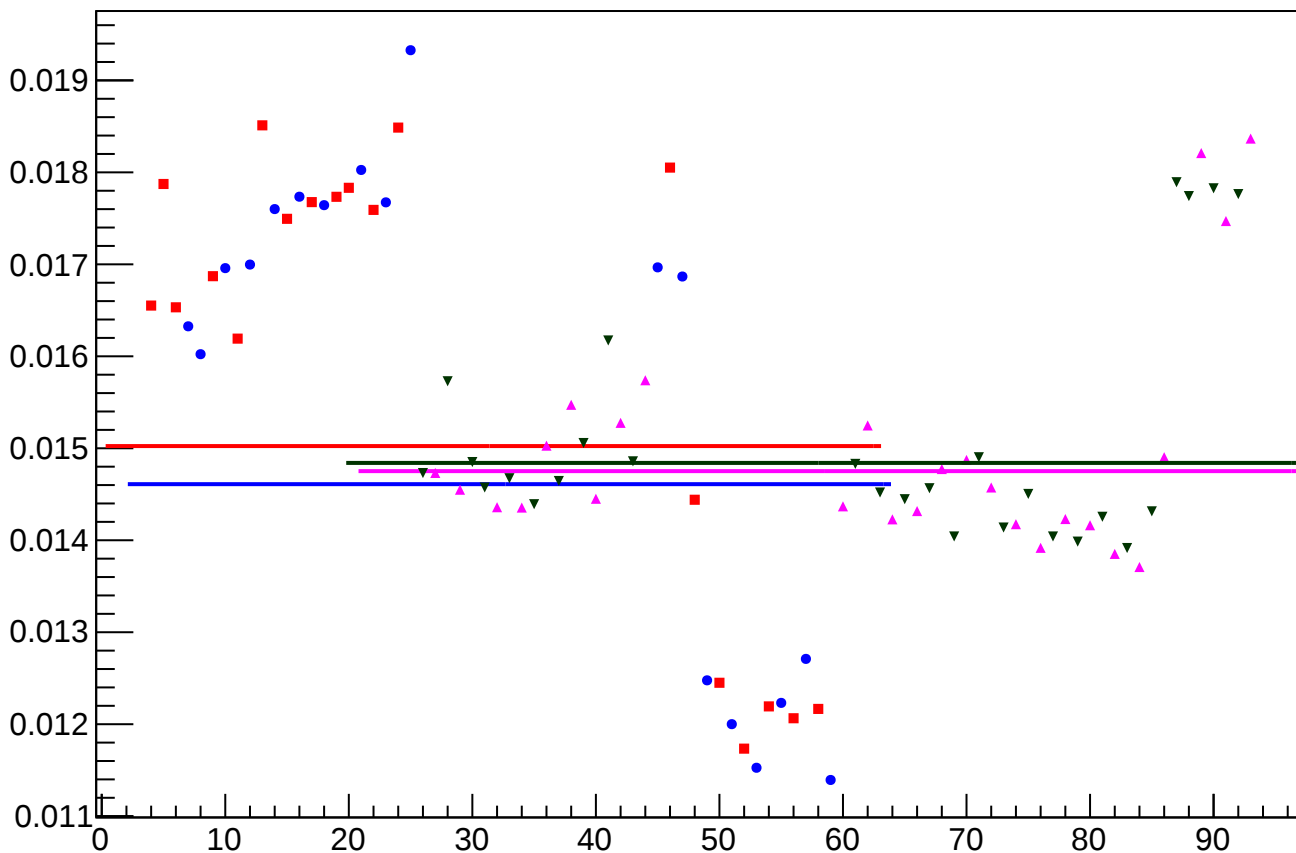
Right Out: -0.381 ± 0.000 $\chi^2/\text{NDF}: 1387002500.9/18$

Left In: -0.257 ± 0.000 $\chi^2/\text{NDF}: 926650128.6/25$

-0.299 ± 0.000 $\chi^2/\text{NDF}: 2718677506.9/44$

-0.305 ± 0.000 $\chi^2/\text{NDF}: 2701302687.3/44$

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 :111837.8/26

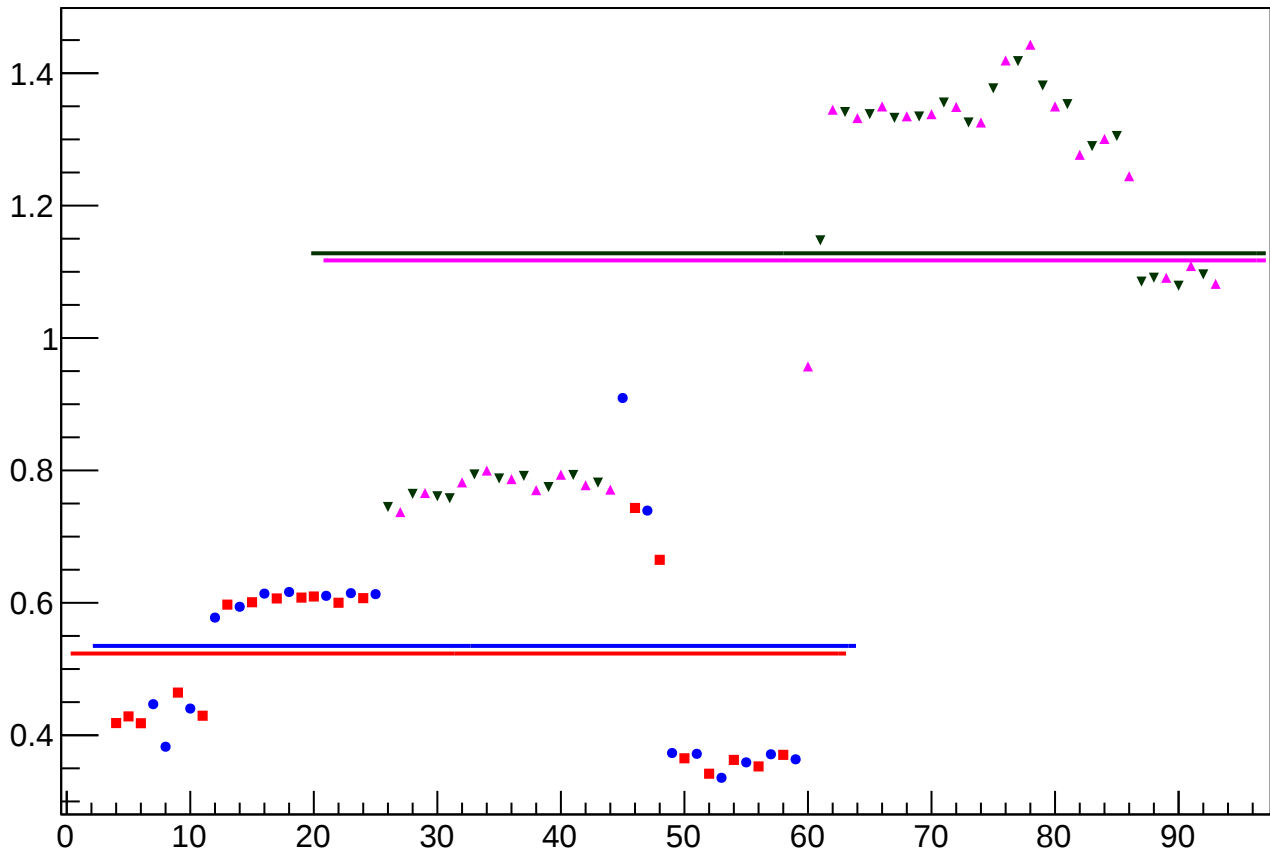
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF :118647.0/25

0.015+/-0.000 χ^2/NDF : 826670.0/44

0.015+/-0.000 χ^2/NDF : 696169.0/44

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 1.128+/-0.000 χ^2/NDF : 99426724115.9/26

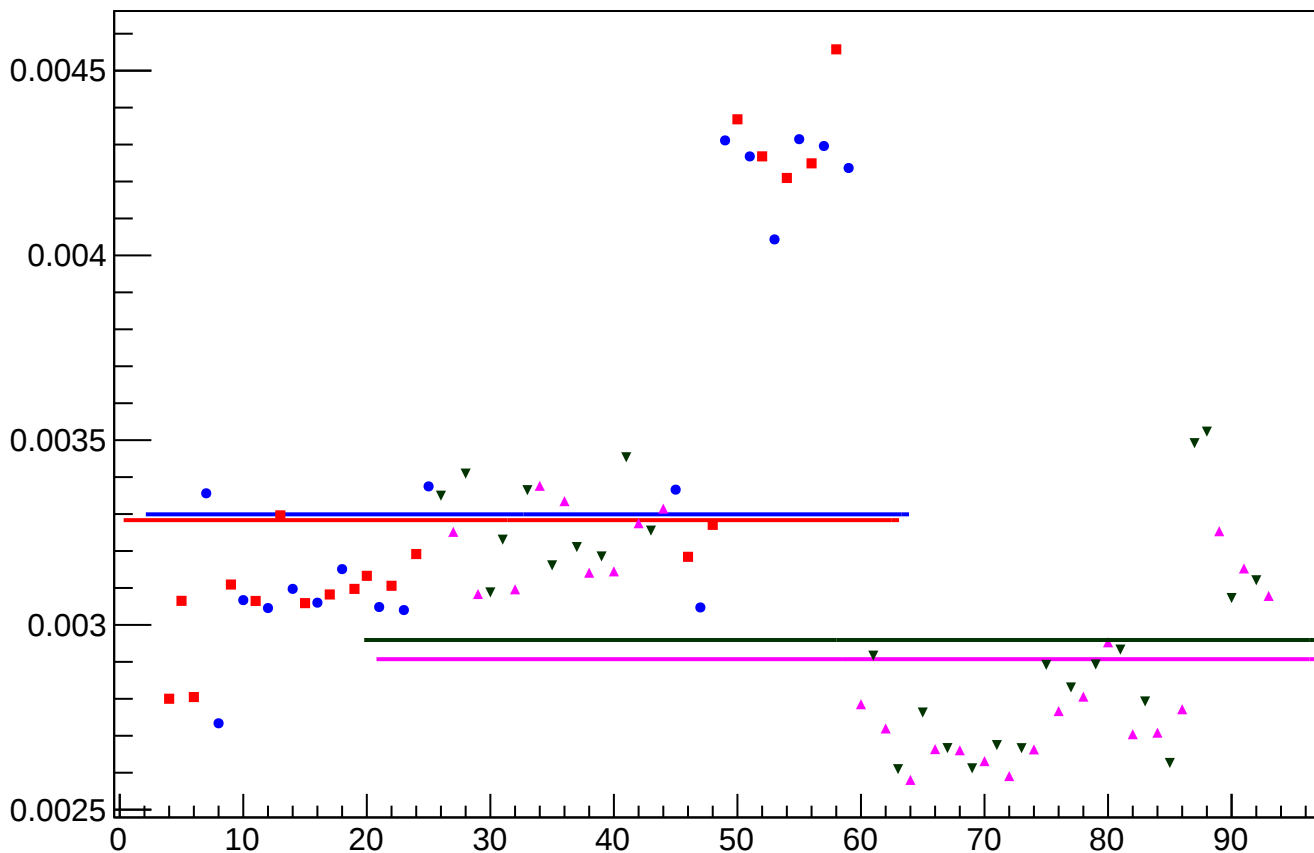
0.890+/-0.000 χ^2/NDF : 328303685993.8/44

Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

0.910+/-0.000 χ^2/NDF : 324613139105.0/44

Left In: 1.117+/-0.000 χ^2/NDF : 111749569891.5/25

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 : 236268.2/26

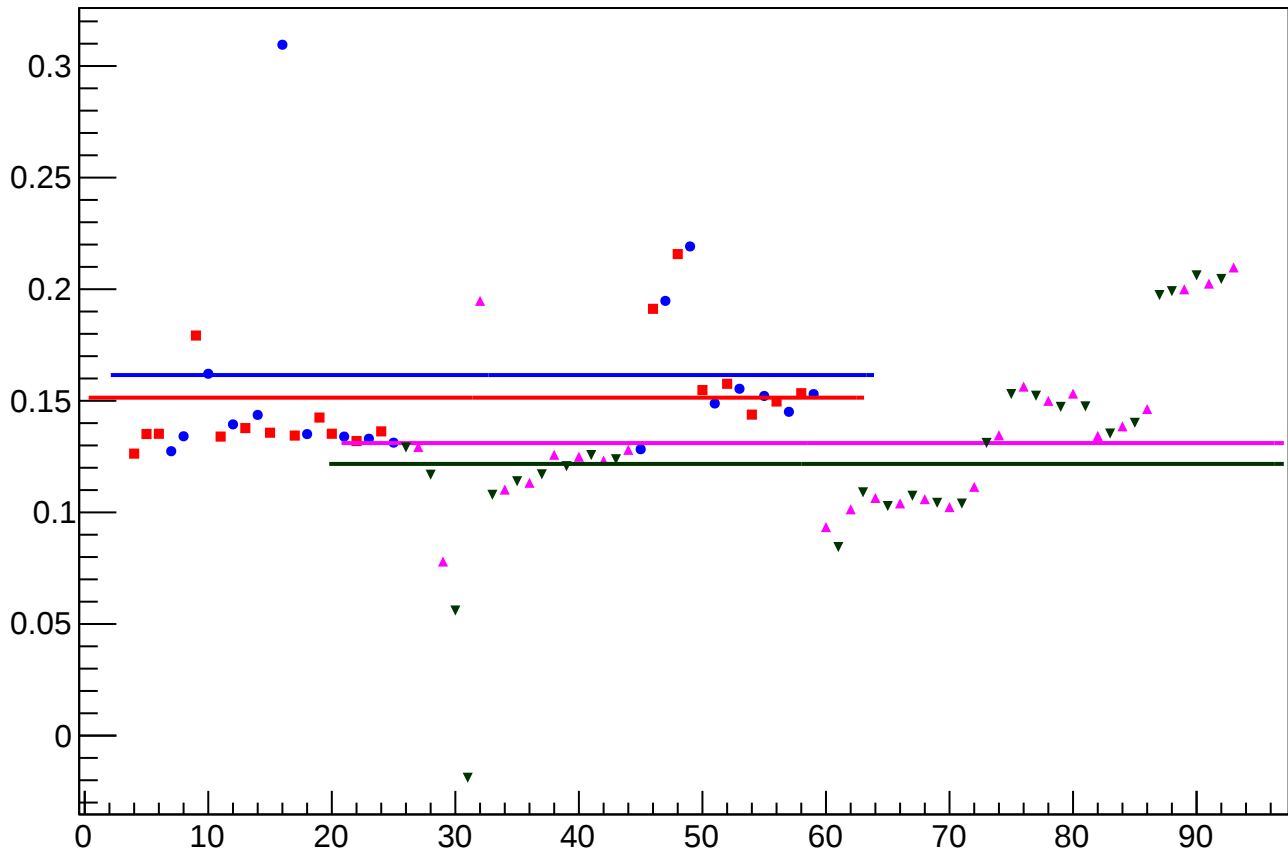
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF : 214931.0/25

0.003+/-0.000 χ^2/NDF : 870419.4/44

0.003+/-0.000 χ^2/NDF : 758876.1/44

yield_bpm0l08X_mean vs slug



Right In: 0.162 $\pm$ 0.000 χ^2 /NDF: 94764439.1/17

Left Out: 0.122 $\pm$ 0.000 χ^2 /NDF:101827541.1/26

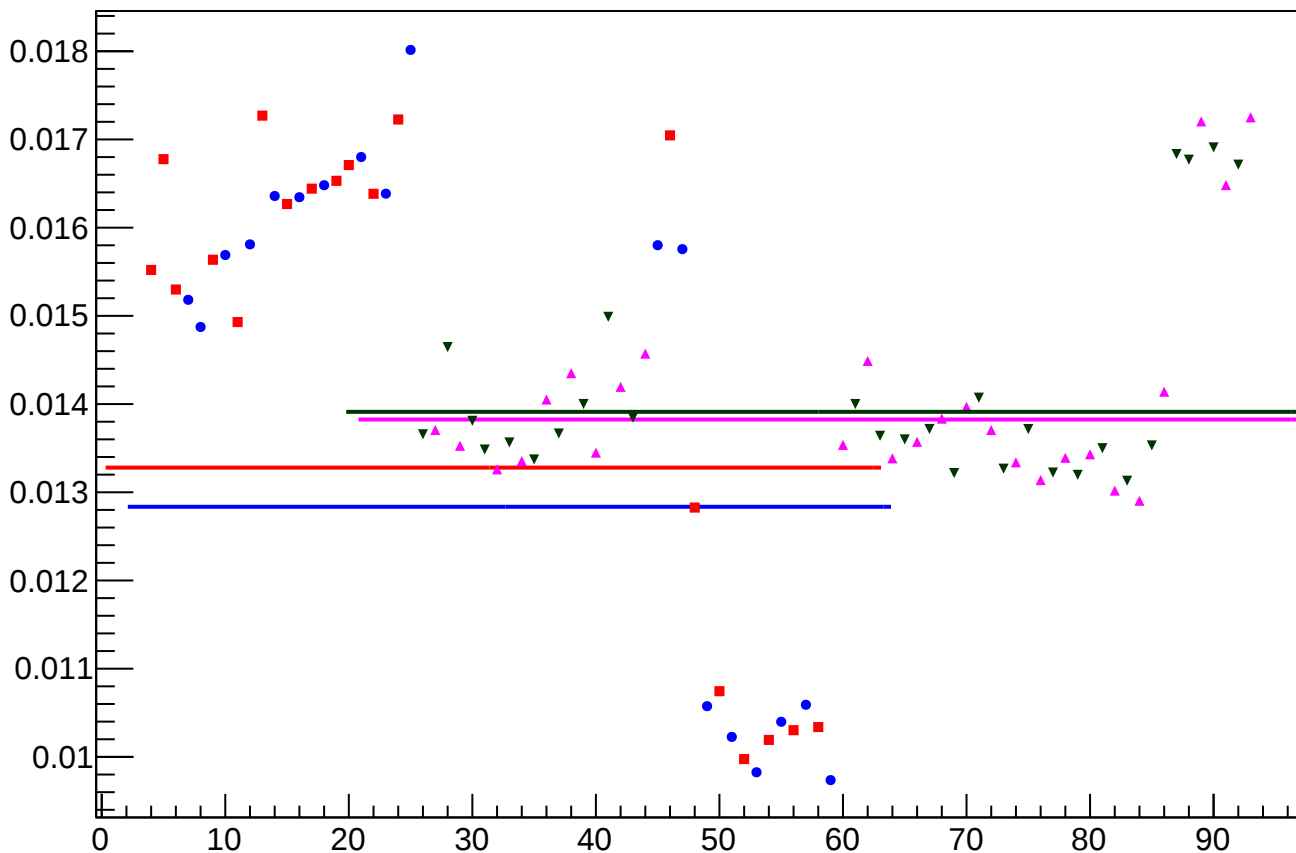
Right Out: 0.151 $\pm$ 0.000 χ^2 /NDF: 22463584.0/18

Left In: 0.131 $\pm$ 0.000 χ^2 /NDF:79380084.2/25

0.141 $\pm$ 0.000 χ^2 /NDF: 248573204.8/44

0.140 $\pm$ 0.000 χ^2 /NDF: 114373442.1/44

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 :111737.7/26

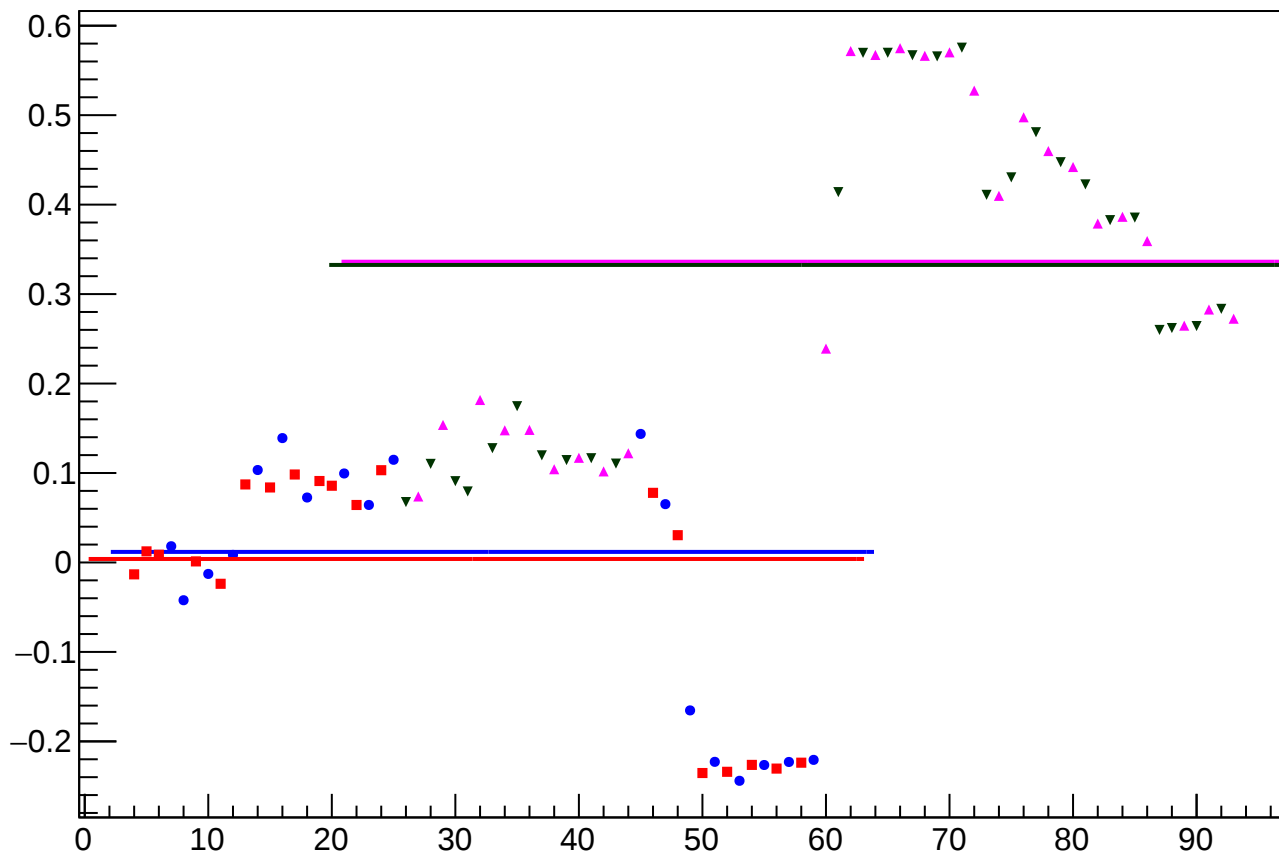
0.013+/-0.000 χ^2/NDF : 1275962.5/44

Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

0.014+/-0.000 χ^2/NDF : 1028261.0/44

Left In: 0.014+/-0.000 χ^2/NDF :120223.9/25

yield_bpm0l08Y_mean vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 12179192870.2/17

Left Out: 0.333 $\pm$ 0.000 χ^2 /NDF: 45892944743.6/26

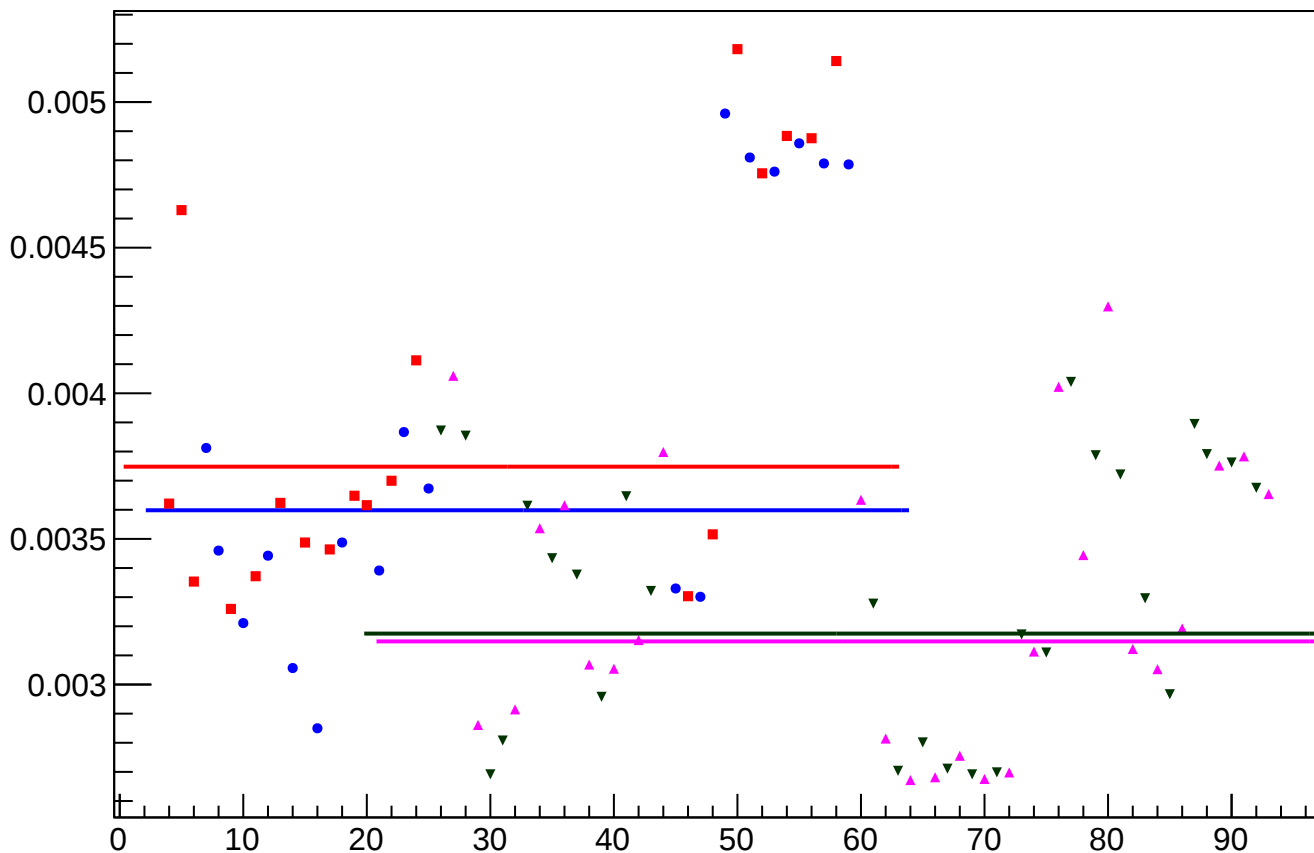
0.206 $\pm$ 0.000 χ^2 /NDF: 108381179147.0/44

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 7924148421.7/18

0.228 $\pm$ 0.000 χ^2 /NDF: 102039132274.0/44

Left In: 0.336 $\pm$ 0.000 χ^2 /NDF: 45462689933.2/25

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 : 471172.5/26

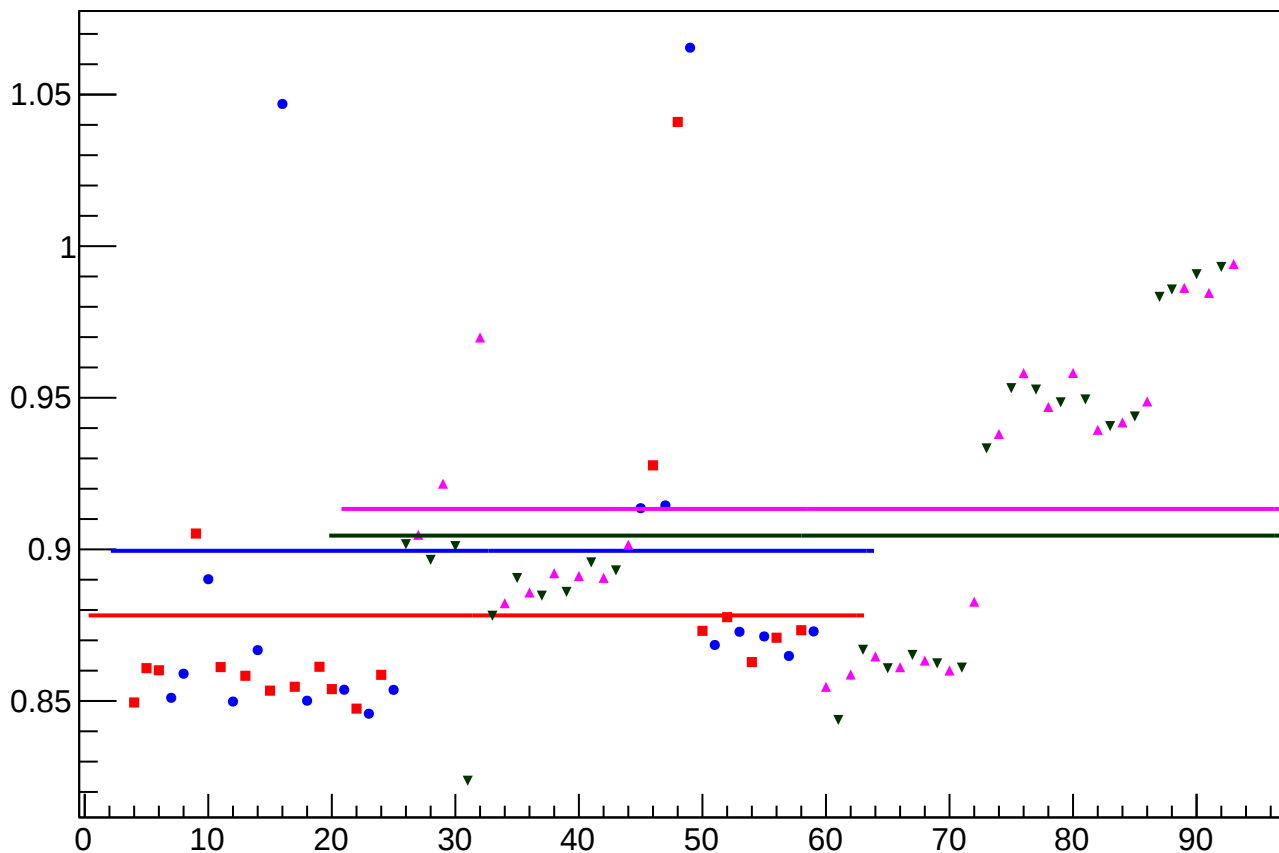
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF : 533484.2/25

0.003+/-0.000 χ^2/NDF : 1319466.3/44

0.003+/-0.000 χ^2/NDF : 1277966.7/44

yield_bpm0l09X_mean vs slug



Right In: 0.900 ± 0.000 χ^2/NDF : 324904340.4/17

Left Out: 0.905 ± 0.000 χ^2/NDF : 119897815.1/26

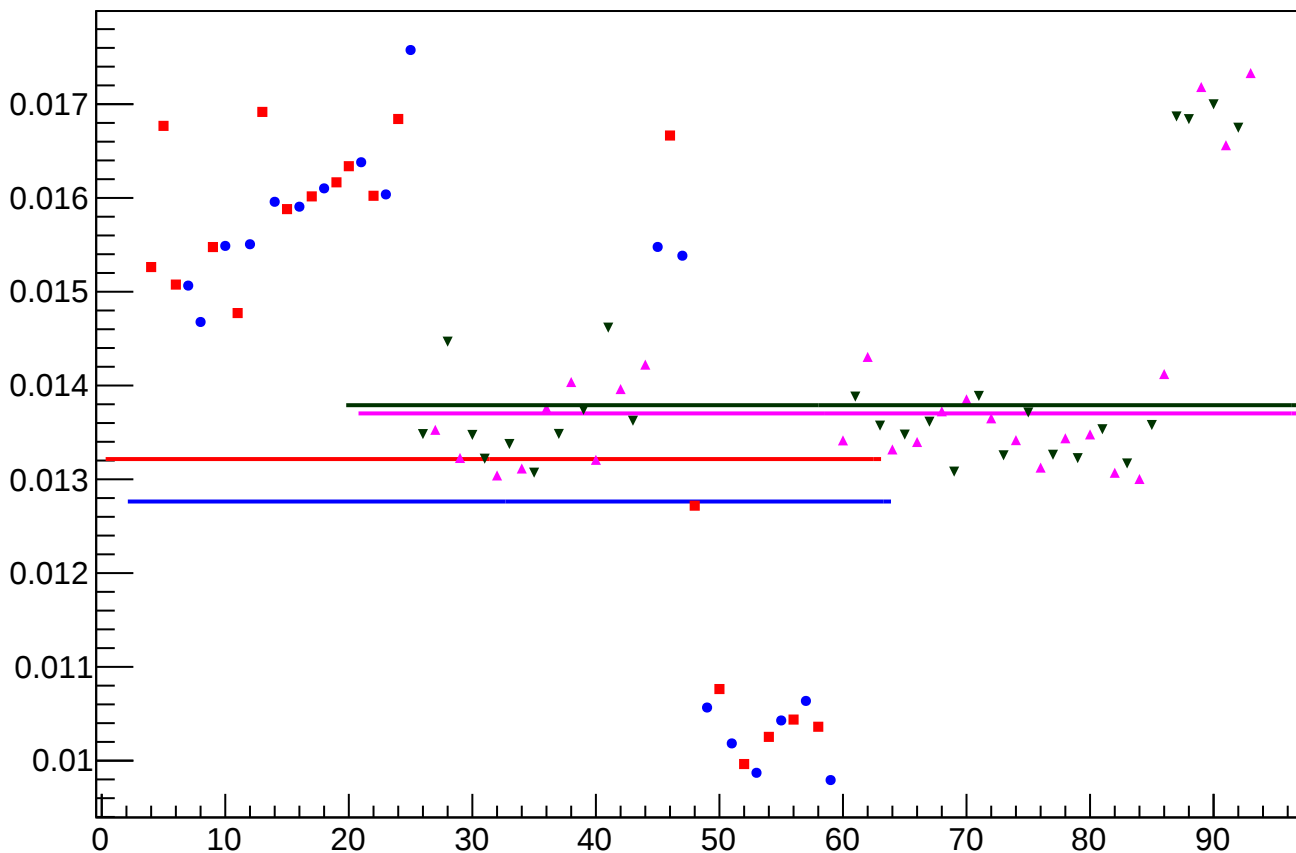
Right Out: 0.878 ± 0.000 χ^2/NDF : 92356263.0/18

Left In: 0.913 ± 0.000 χ^2/NDF : 124133037.9/25

0.902 ± 0.000 χ^2/NDF : 445639537.4/44

0.899 ± 0.000 χ^2/NDF : 254372045.0/44

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 : 115866.0/26

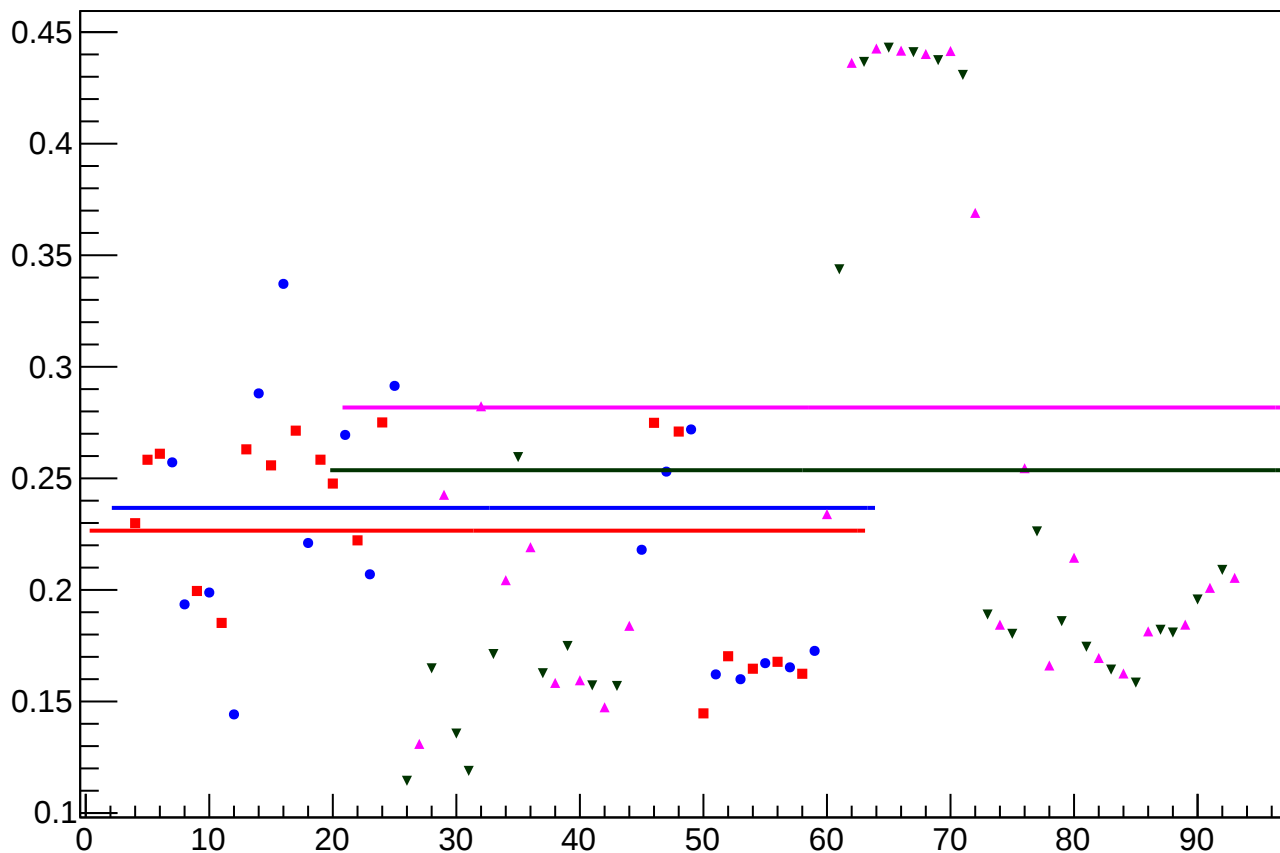
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF : 123398.1/25

0.013+/-0.000 χ^2/NDF : 1166249.9/44

0.014+/-0.000 χ^2/NDF : 936795.3/44

yield_bpm0l09Y_mean vs slug



Right In: 0.237 $\pm$ 0.000 χ^2 /NDF: 2411617824.9/17

Left Out: 0.254 $\pm$ 0.000 χ^2 /NDF:16955755754.1/26

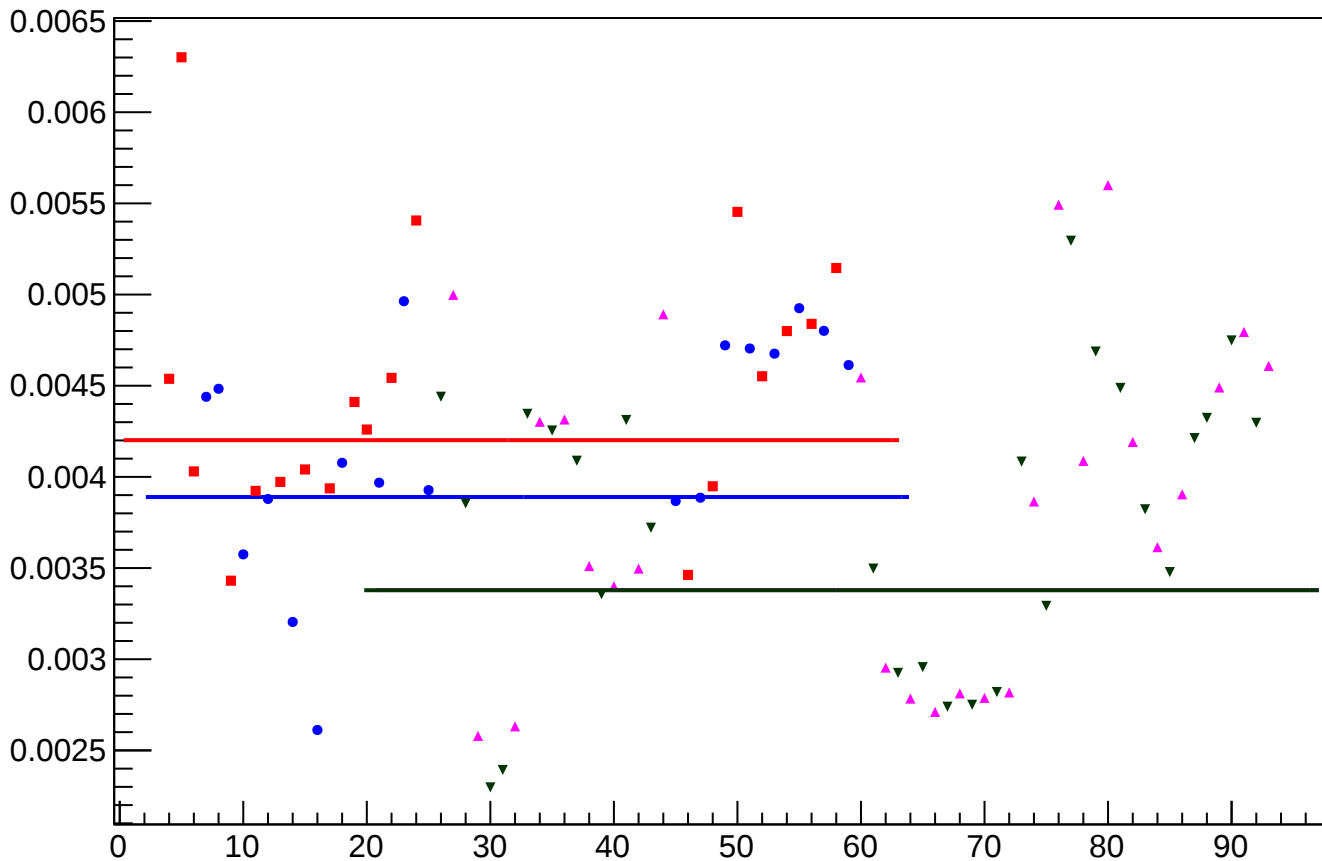
Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 943883207.4/18

Left In: 0.282 $\pm$ 0.000 χ^2 /NDF:14108613080.8/25

0.247 $\pm$ 0.000 χ^2 /NDF: 19484170442.6/44

0.264 $\pm$ 0.000 χ^2 /NDF: 16111508129.3/44

yield_bpm0l09Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 695729.3/17

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:1228805.4/26

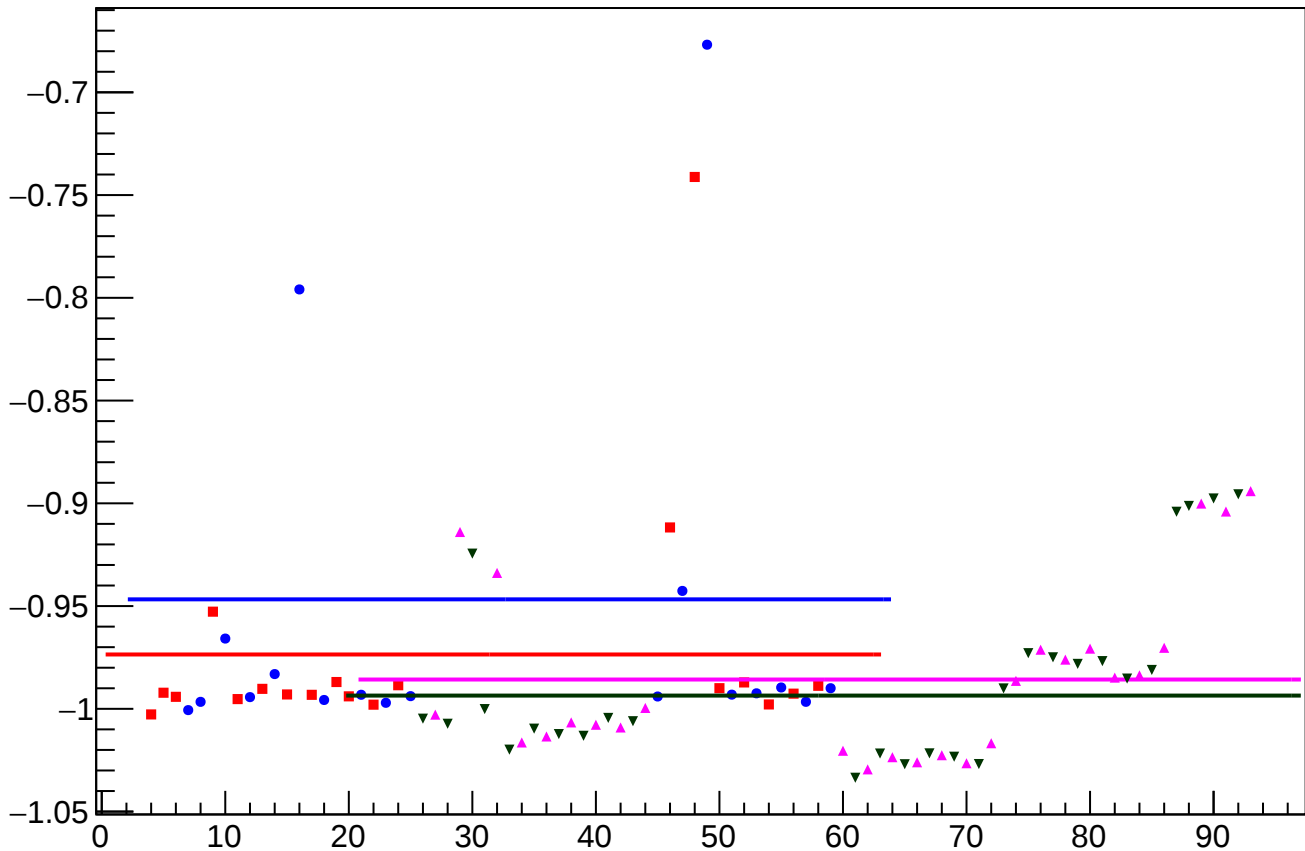
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 341340.8/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:1529468.8/25

0.004 $\pm$ 0.000 χ^2 /NDF: 2138641.4/44

0.004 $\pm$ 0.000 χ^2 /NDF: 2340501.8/44

yield_bpm0l10X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 662253046.3/17

Left Out: -0.994+/-0.000 χ^2/NDF : 87142189.2/26

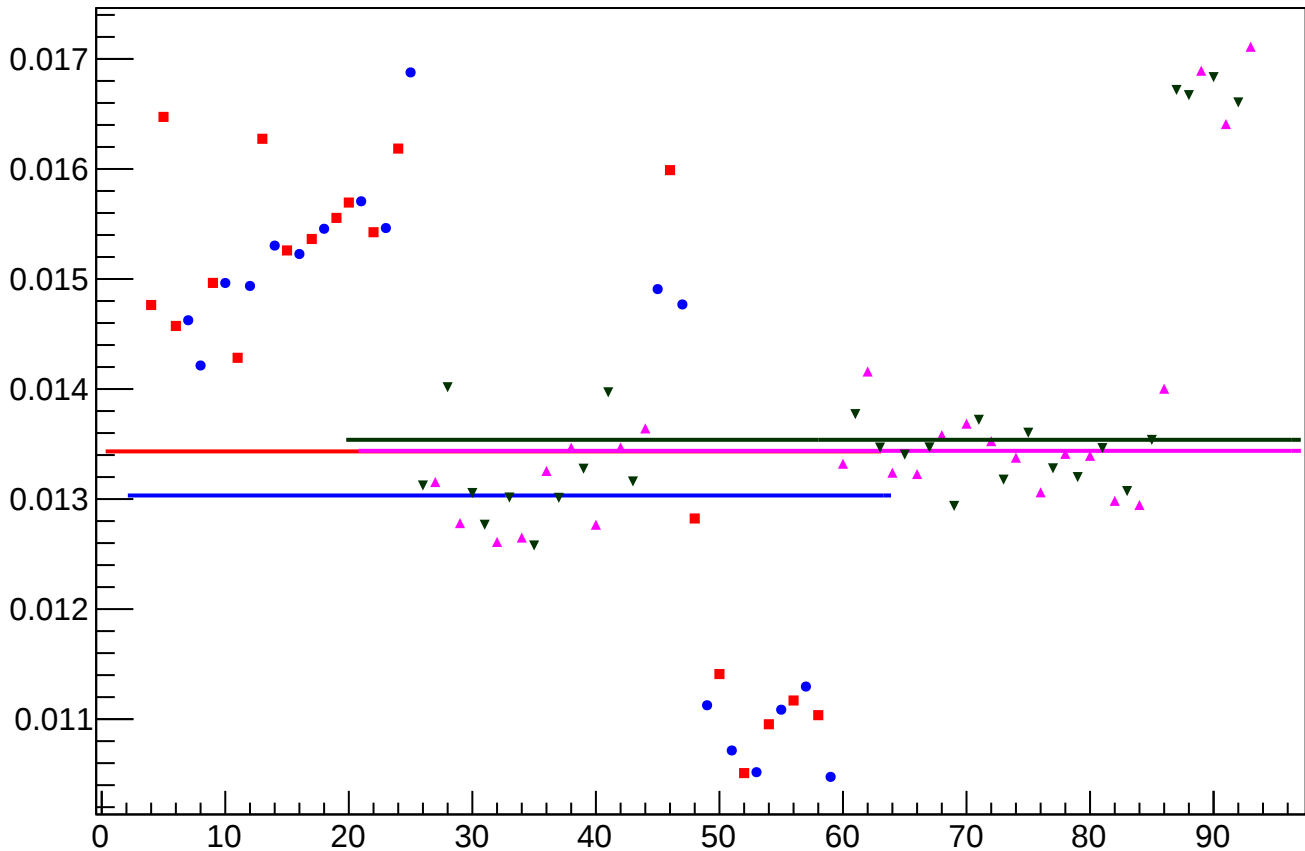
Right Out: -0.974+/-0.000 χ^2/NDF : 174691792.1/18

Left In: -0.986+/-0.000 χ^2/NDF : 116234175.1/25

-0.972+/-0.000 χ^2/NDF : 822637326.8/44

-0.981+/-0.000 χ^2/NDF : 295505313.6/44

yield_bpm0l10X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 587832.0/17

Left Out: 0.014+/-0.000 χ^2/NDF :121156.4/26

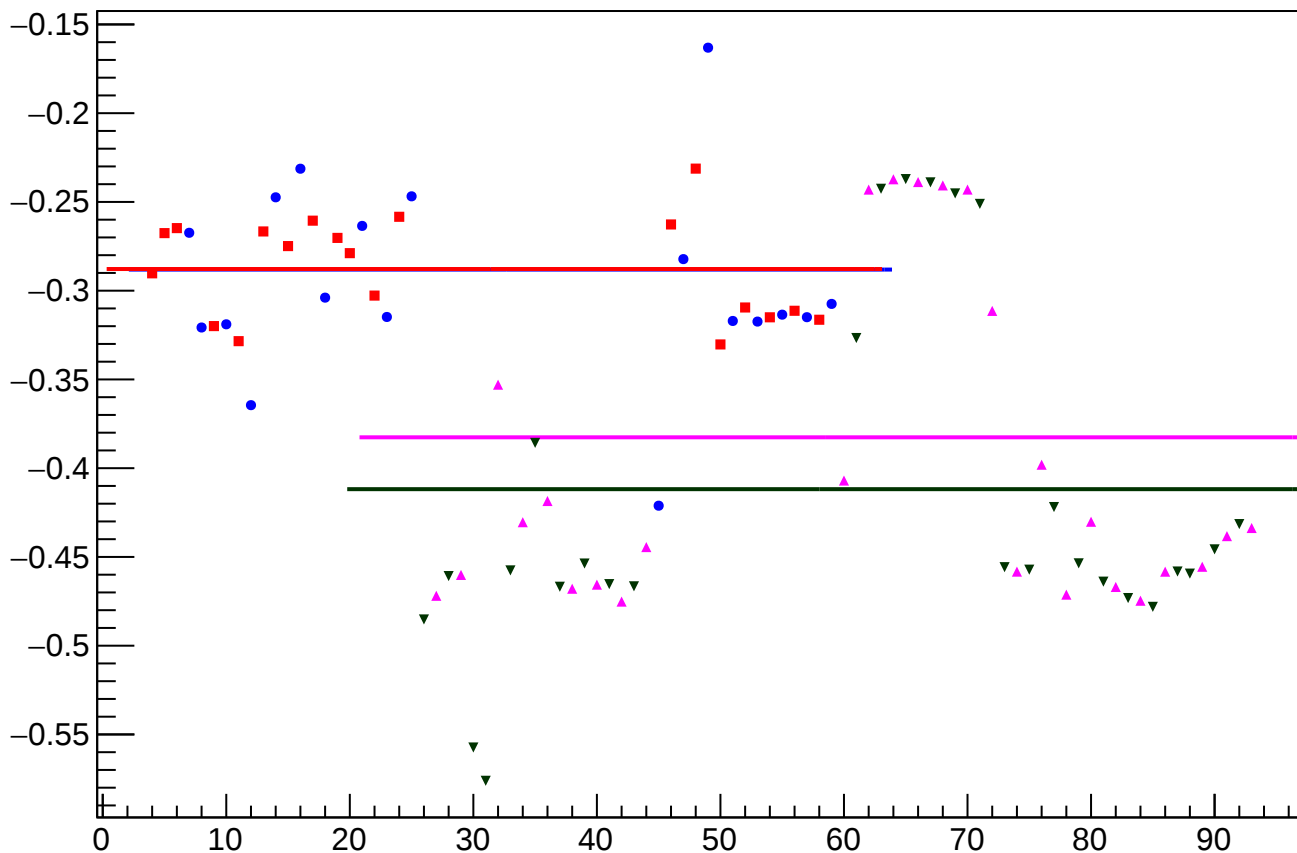
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF :130766.7/25

0.013+/-0.000 χ^2/NDF : 726092.5/44

0.013+/-0.000 χ^2/NDF : 610013.4/44

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.412+/-0.000 χ^2/NDF : 14398005587.8/26

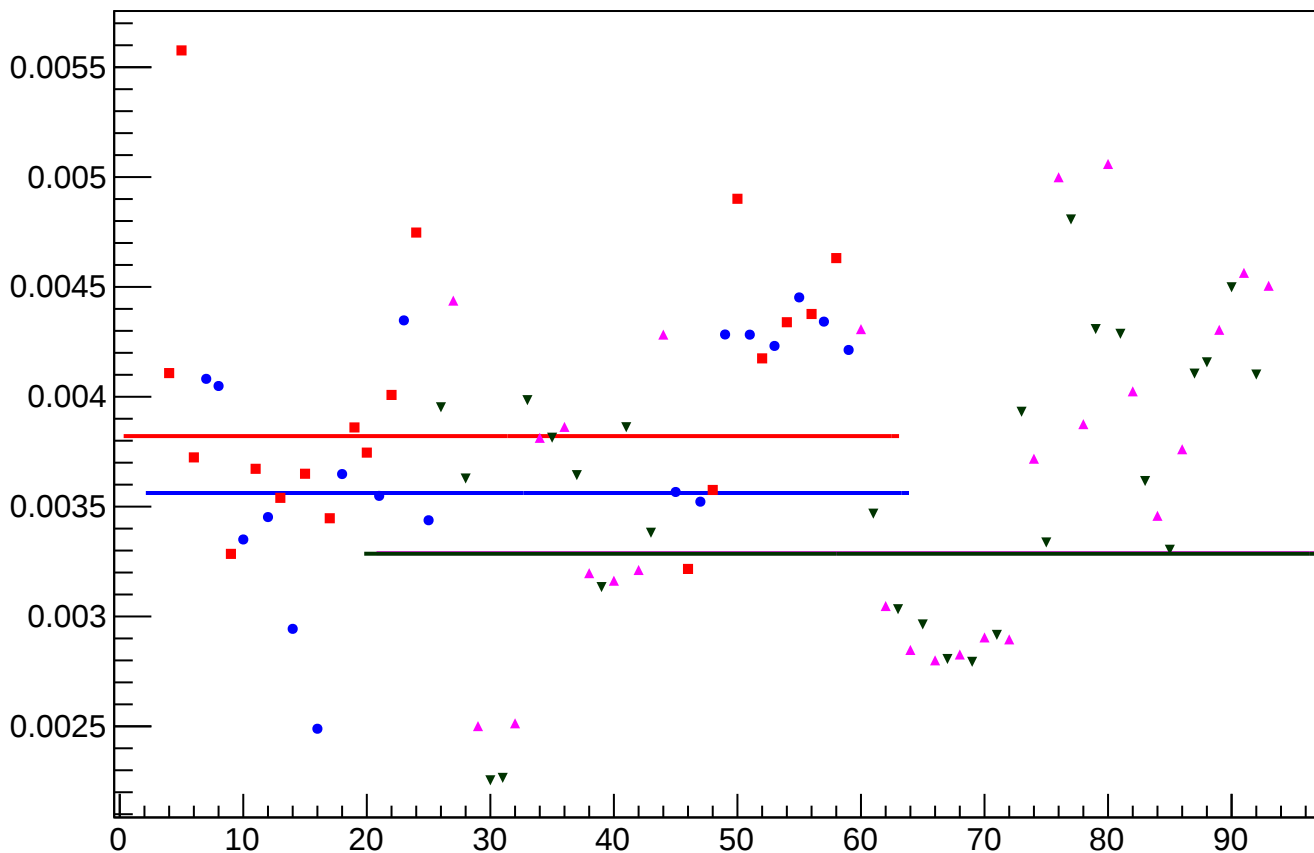
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.383+/-0.000 χ^2/NDF : 10382408394.1/25

-0.360+/-0.000 χ^2/NDF : 24236926823.7/44

-0.350+/-0.000 χ^2/NDF : 14572112889.3/44

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 : 950106.5/26

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

Left In: 0.003+/-0.000 χ^2/NDF : 1191172.7/25

0.003+/-0.000 χ^2/NDF : 1611090.8/44

0.003+/-0.000 χ^2/NDF : 1705570.4/44