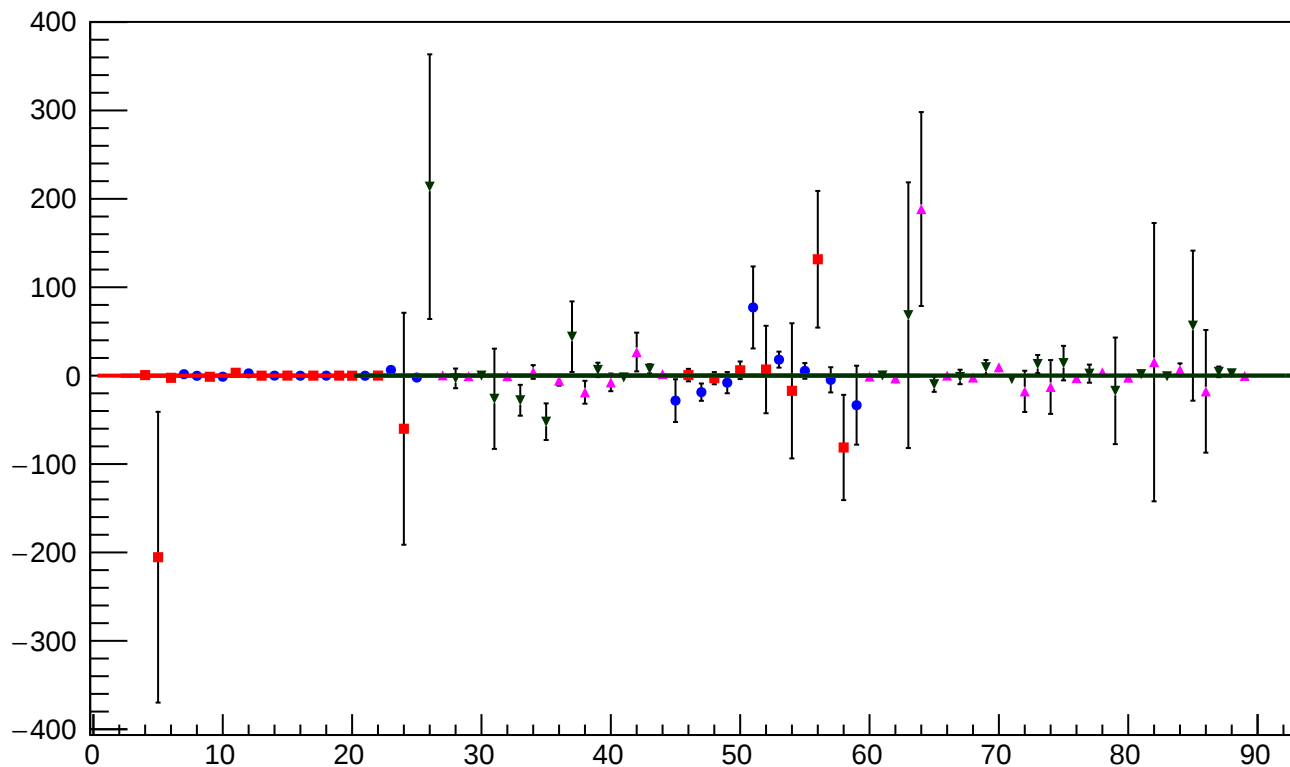


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

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

Left Out: 0.053 ± 0.875

$\chi^2/\text{NDF}: 25.1/24$

Right Out: 0.017 ± 0.016

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

Left In: 0.070 ± 0.073

$\chi^2/\text{NDF}: 31.0/23$

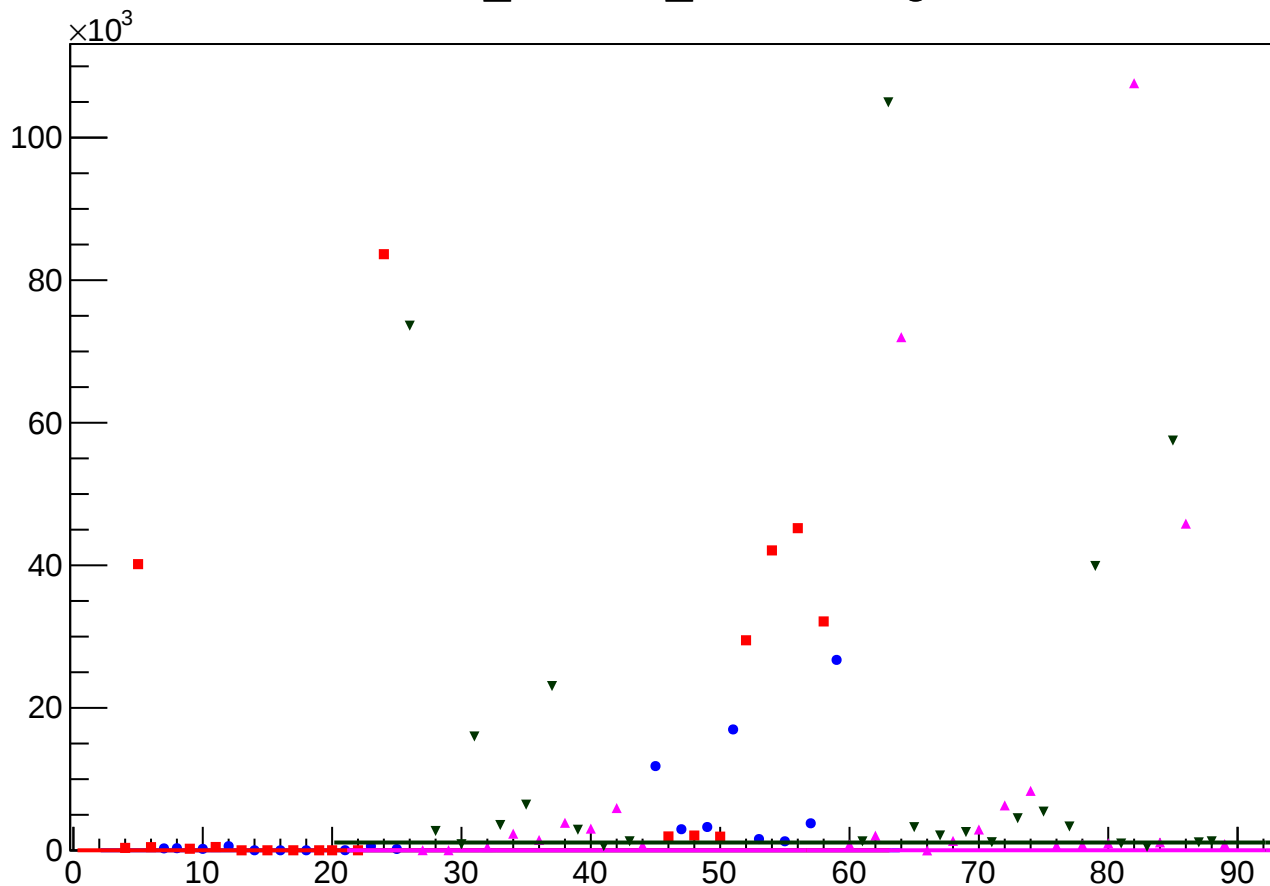
-0.014 ± 0.014

$\chi^2/\text{NDF}: 56.3/42$

0.019 ± 0.016

$\chi^2/\text{NDF}: 56.2/42$

diff_cav4bX_rms vs slug



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

Left Out: 1113.814 $\pm$ 0.619 χ^2/NDF : 5131853.4/24

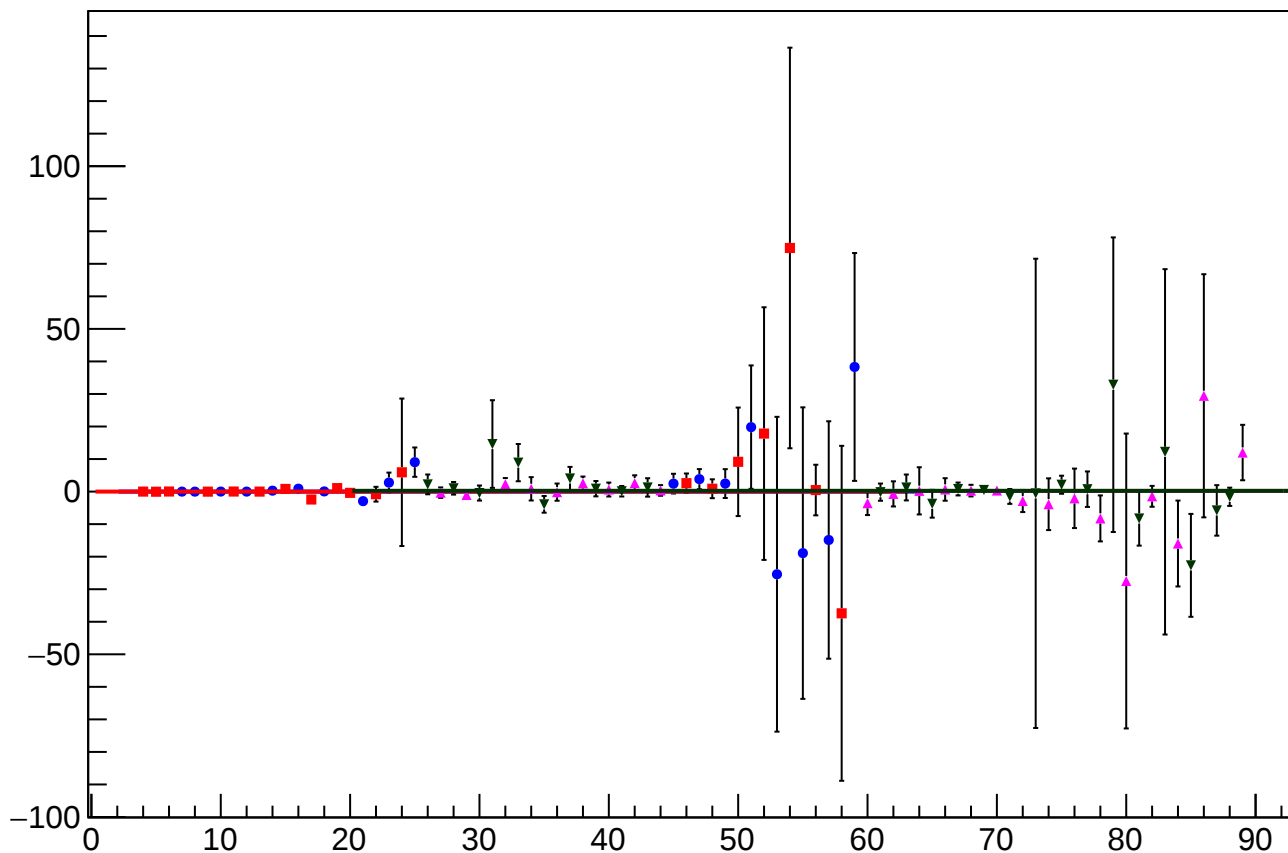
Right Out: 22.611 $\pm$ 0.011 χ^2/NDF : 4395534.2/18

Left In: 27.446 $\pm$ 0.051 χ^2/NDF : 7640314.9/23

22.722 $\pm$ 0.010 χ^2/NDF : 11047957.6/42

22.838 $\pm$ 0.011 χ^2/NDF : 12044264.5/42

diff_cav4bY_mean vs slug



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

Left Out: 0.230 ± 0.573 χ^2/NDF : 14.9/24

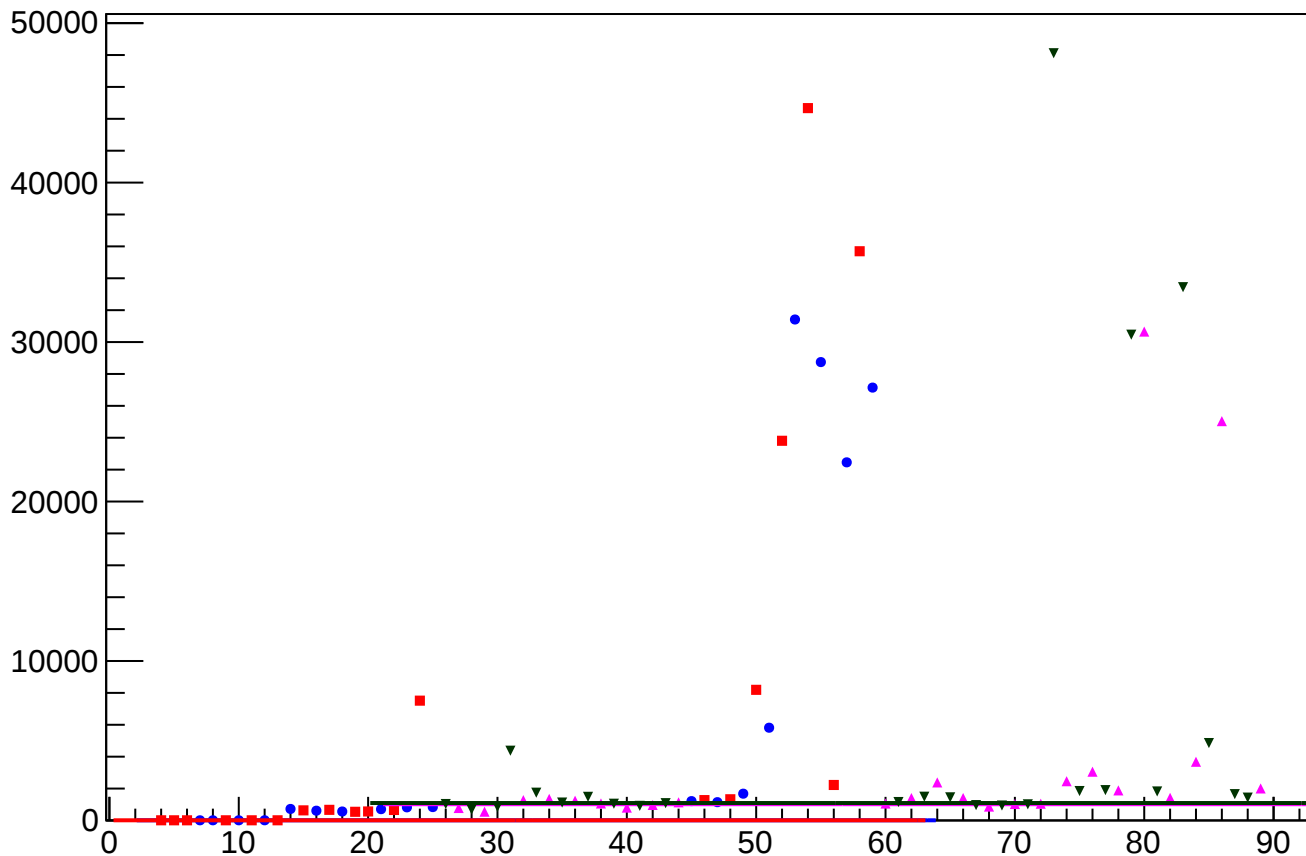
Right Out: 0.002 ± 0.005 χ^2/NDF : 20.3/18

Left In: 0.201 ± 0.517 χ^2/NDF : 13.0/23

-0.001 ± 0.006 χ^2/NDF : 38.7/42

0.002 ± 0.005 χ^2/NDF : 33.4/42

diff_cav4bY_rms vs slug



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

Left Out: 1093.088+/-0.405 χ^2/NDF :3091336.8/24

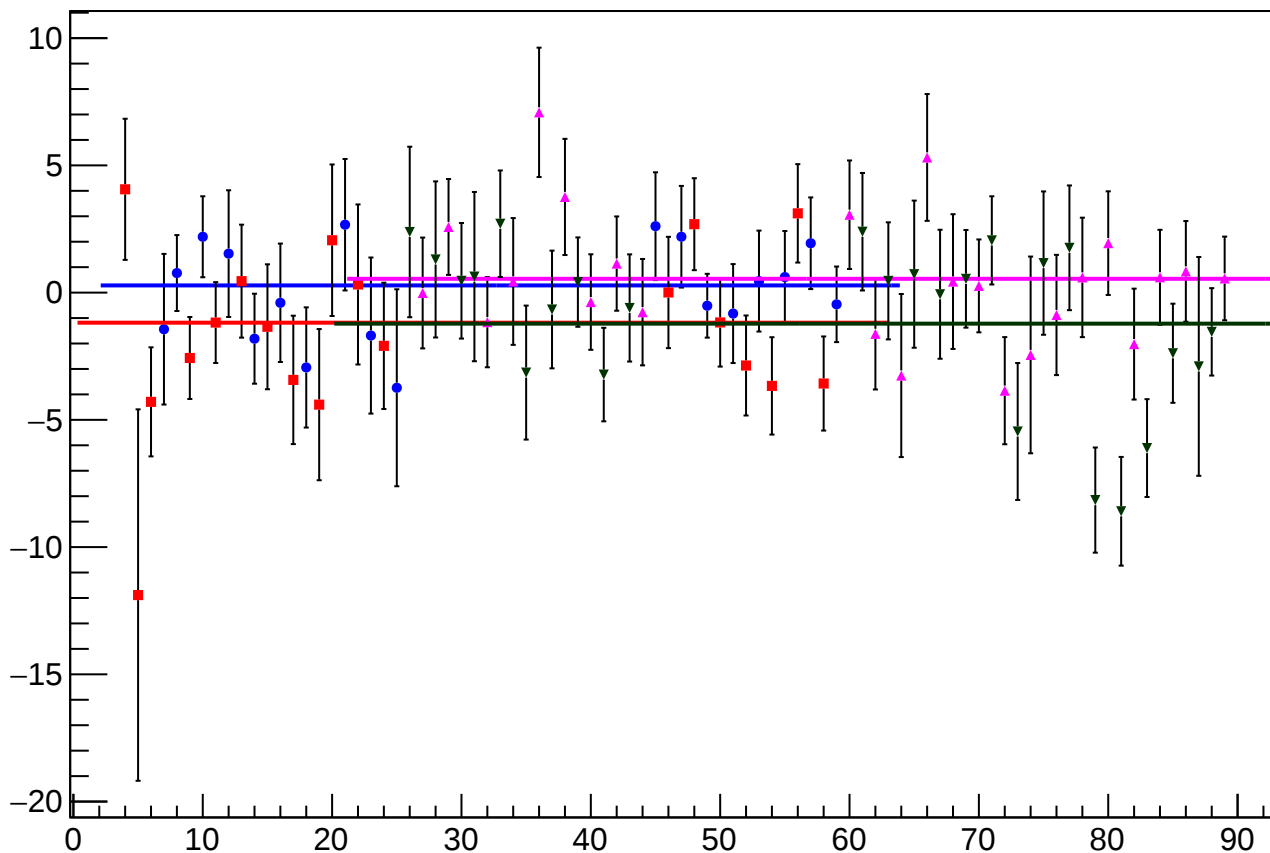
Right Out: 10.086+/-0.004 χ^2/NDF : 6750125.6/18

Left In: 1017.997+/-0.366 χ^2/NDF :2535894.9/23

10.646+/-0.005 χ^2/NDF : 19182478.1/42

10.198+/-0.004 χ^2/NDF : 16878838.9/42

diff_cav4cX_mean vs slug



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

Left Out: -1.220 ± 0.449 $\chi^2/\text{NDF}: 51.9/24$

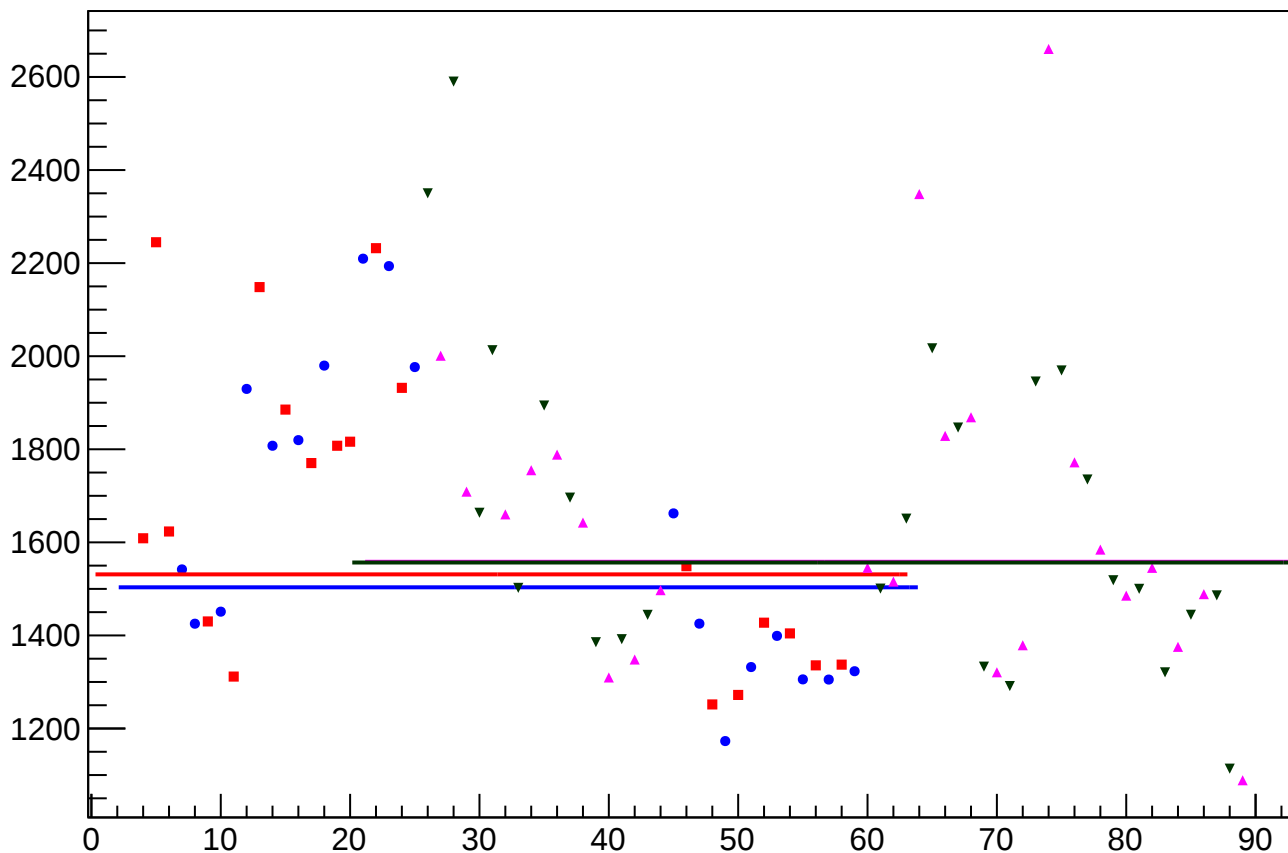
Right Out: -1.182 ± 0.494 $\chi^2/\text{NDF}: 26.5/18$

Left In: 0.543 ± 0.436 $\chi^2/\text{NDF}: 26.2/23$

-0.479 ± 0.320 $\chi^2/\text{NDF}: 69.2/42$

-0.212 ± 0.327 $\chi^2/\text{NDF}: 59.6/42$

diff_cav4cX_rms vs slug



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

Left Out: 1556.715+/-0.318 χ^2/NDF : 886805.3/24

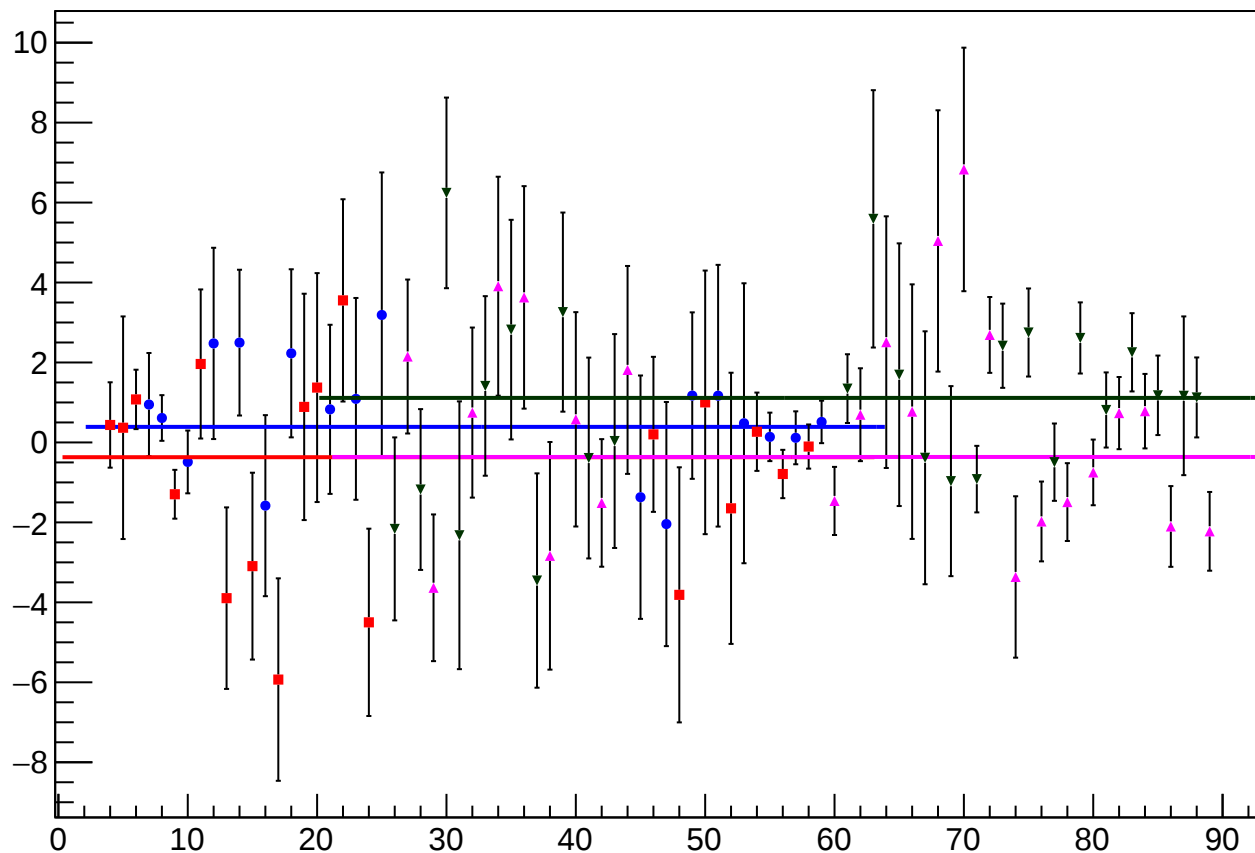
Right Out: 1531.211+/-0.349 χ^2/NDF : 621310.9/18

Left In: 1558.264+/-0.308 χ^2/NDF : 784504.9/23

1530.417+/-0.226 χ^2/NDF : 1677463.9/42

1546.423+/-0.231 χ^2/NDF : 1409193.4/42

diff_cav4cY_mean vs slug



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

Left Out: 1.114 ± 0.273 χ^2/NDF : 33.4/24

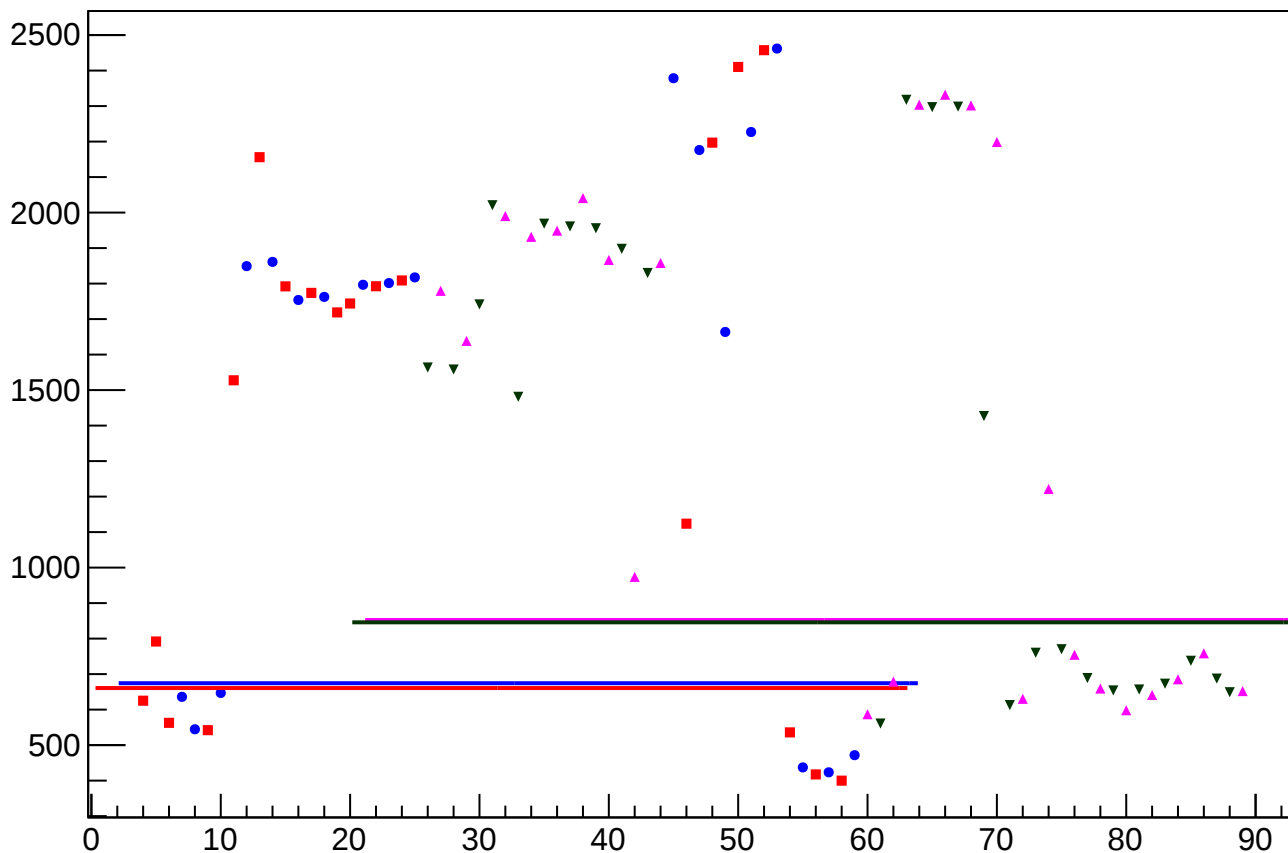
Right Out: -0.369 ± 0.263 χ^2/NDF : 25.7/18

Left In: -0.363 ± 0.271 χ^2/NDF : 49.8/23

0.722 ± 0.185 χ^2/NDF : 44.7/42

-0.366 ± 0.188 χ^2/NDF : 75.4/42

diff_cav4cY_rms vs slug



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

Left Out: 845.850+/-0.193 χ^2/NDF : 4987060.7/24

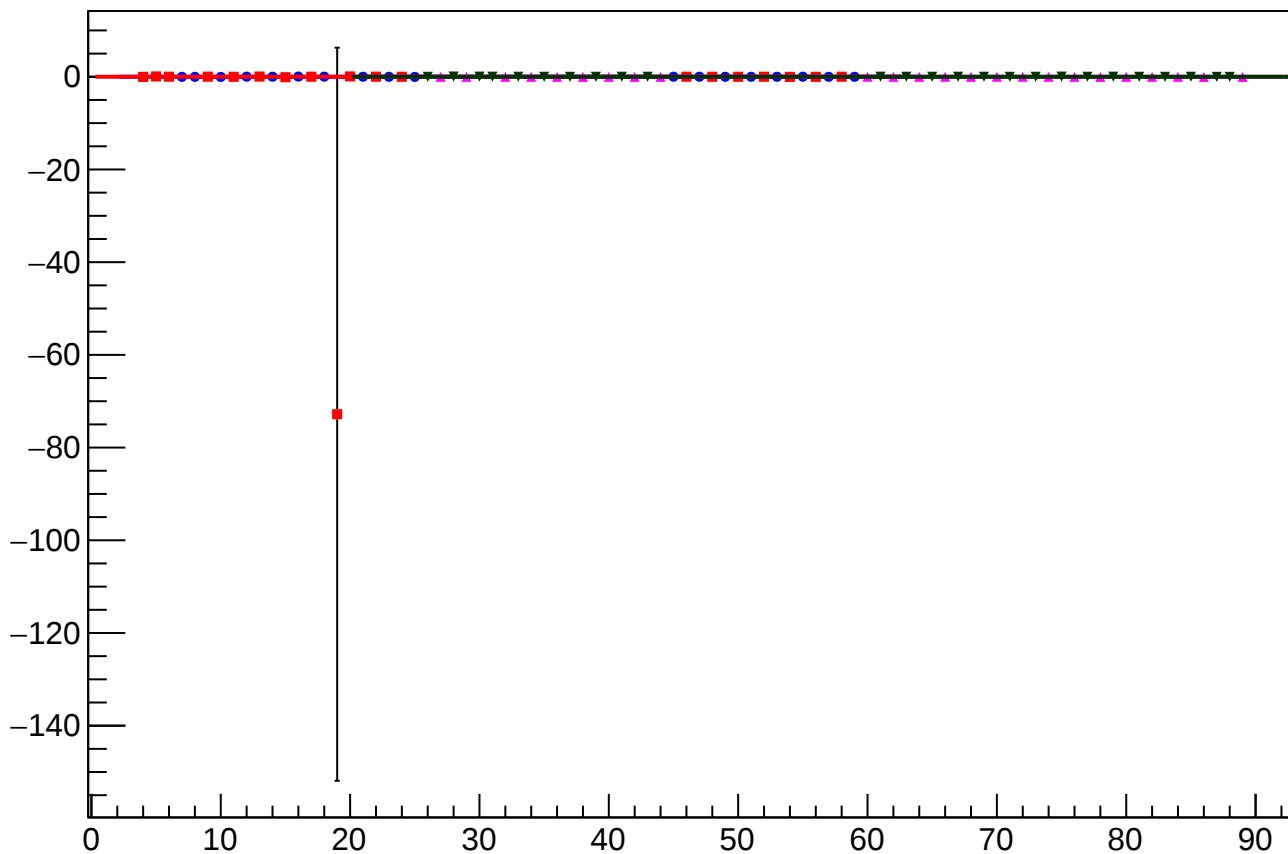
Right Out: 660.761+/-0.186 χ^2/NDF : 6222915.7/18

Left In: 852.371+/-0.191 χ^2/NDF : 5589398.8/23

752.990+/-0.131 χ^2/NDF : 12426970.1/42

753.695+/-0.133 χ^2/NDF : 12328935.2/42

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 : 20.1/24

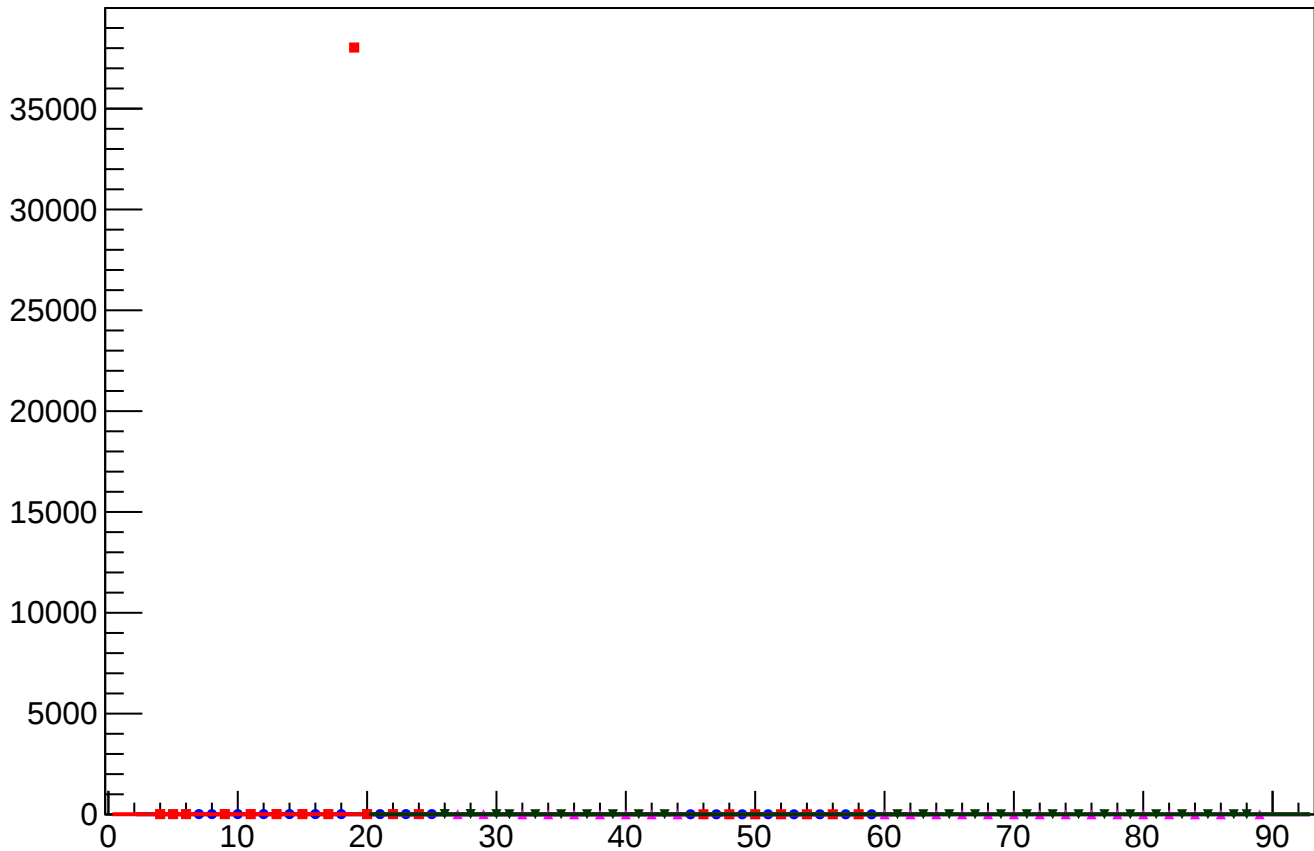
Right Out: 0.002 ± 0.004 χ^2/NDF : 20.0/18

Left In: 0.001 ± 0.003 χ^2/NDF : 14.3/23

0.000 ± 0.002 χ^2/NDF : 32.0/42

0.002 ± 0.002 χ^2/NDF : 34.4/42

diff_cav4dX_rms vs slug



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

Left Out: 8.915+/-0.002 χ^2/NDF : 628101.4/24

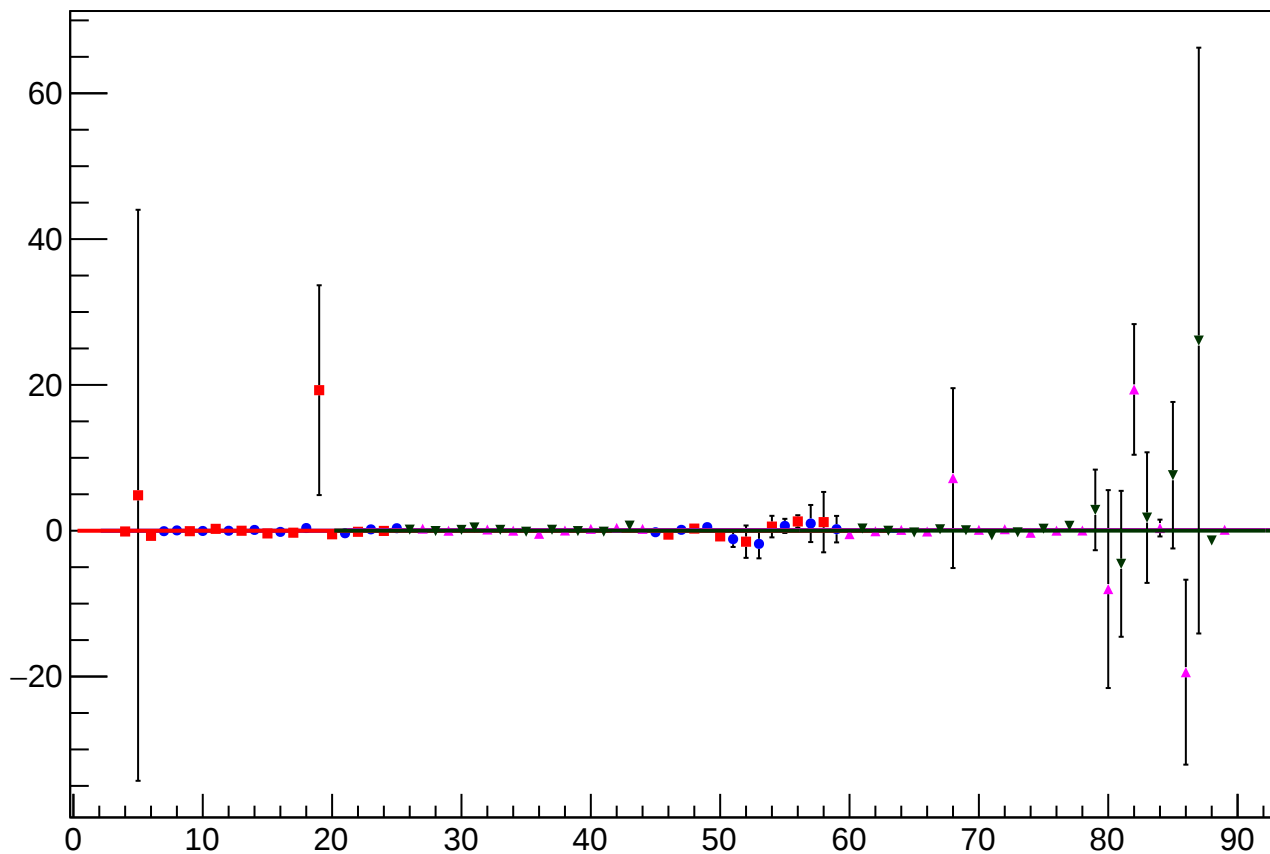
9.514+/-0.002 χ^2/NDF : 2856925.9/42

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

9.556+/-0.002 χ^2/NDF : 3450010.0/42

Left In: 8.920+/-0.002 χ^2/NDF : 796923.9/23

diff_cav4dY_mean vs slug



Right In: -0.003 ± 0.003 $\chi^2/\text{NDF}: 20.9/17$

Left Out: 0.016 ± 0.044 $\chi^2/\text{NDF}: 31.6/24$

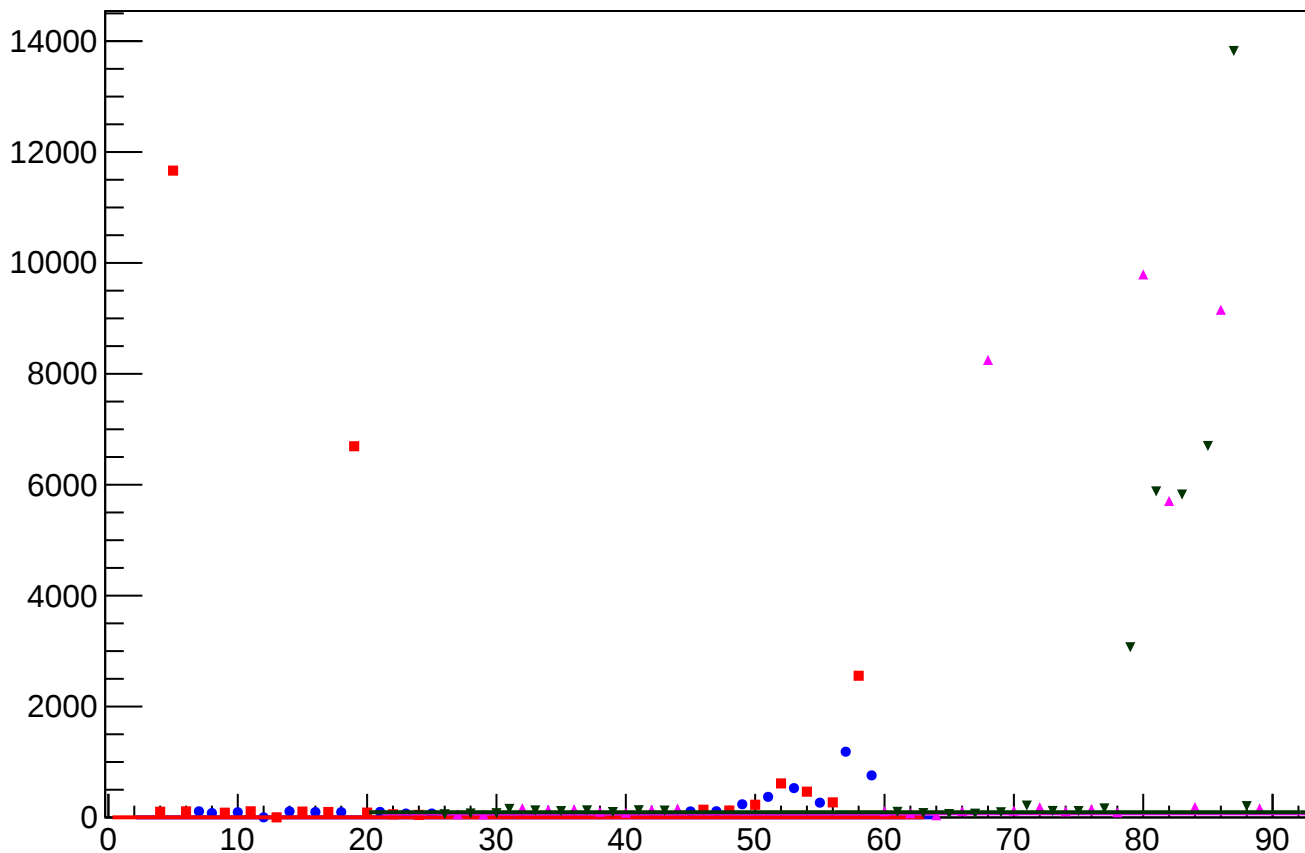
Right Out: -0.003 ± 0.003 $\chi^2/\text{NDF}: 21.1/18$

Left In: 0.099 ± 0.037 $\chi^2/\text{NDF}: 22.7/23$

-0.003 ± 0.003 $\chi^2/\text{NDF}: 52.6/42$

-0.002 ± 0.003 $\chi^2/\text{NDF}: 51.3/42$

diff_cav4dY_rms vs slug



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

Left Out: 94.253 $\pm$ 0.031 χ^2 /NDF: 4028146.1/24

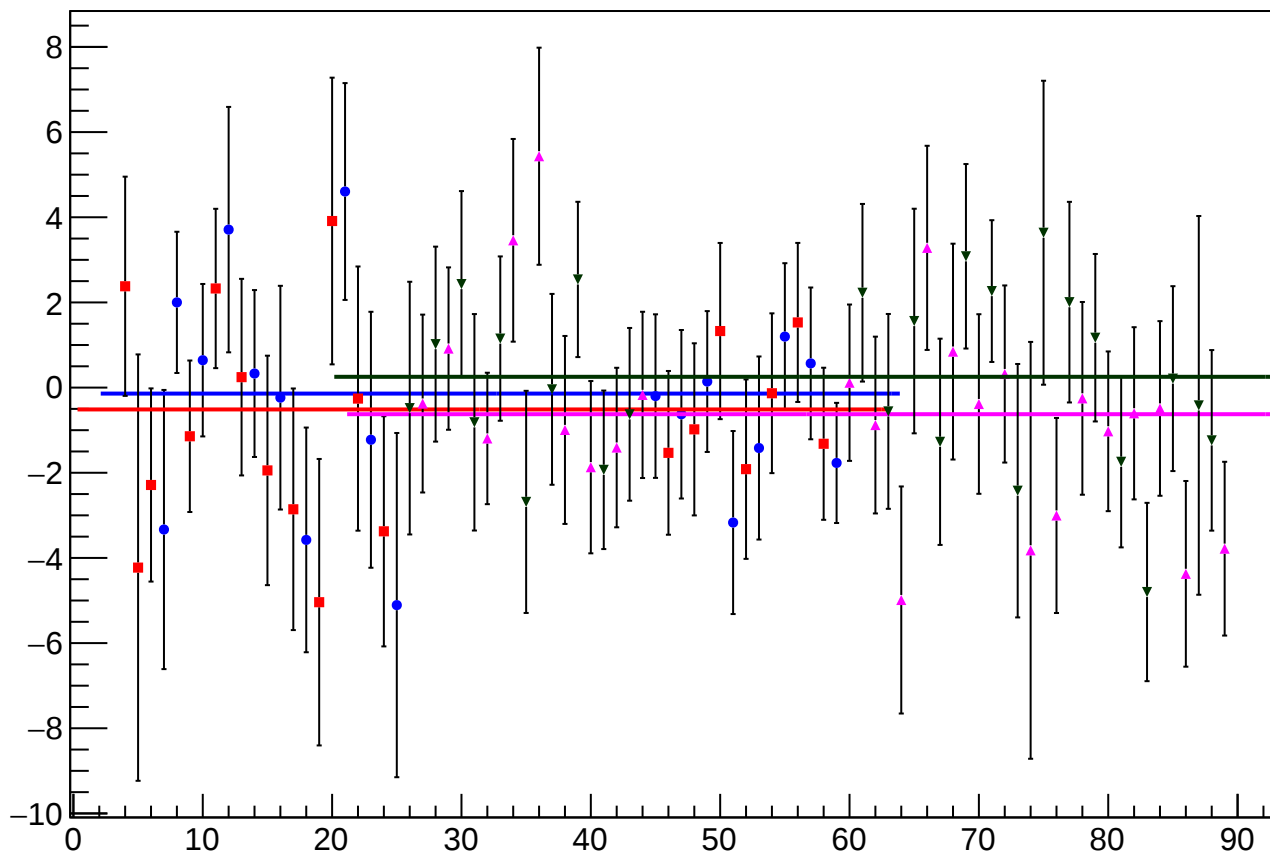
Right Out: 2.101 $\pm$ 0.002 χ^2 /NDF: 6716516.3/18

Left In: 73.125 $\pm$ 0.026 χ^2 /NDF: 5977647.3/23

2.668 $\pm$ 0.002 χ^2 /NDF: 22014292.3/42

2.574 $\pm$ 0.002 χ^2 /NDF: 20045966.5/42

diff_bpm4aX_mean vs slug



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

Left Out: 0.253 ± 0.446 $\chi^2/\text{NDF}: 20.6/24$

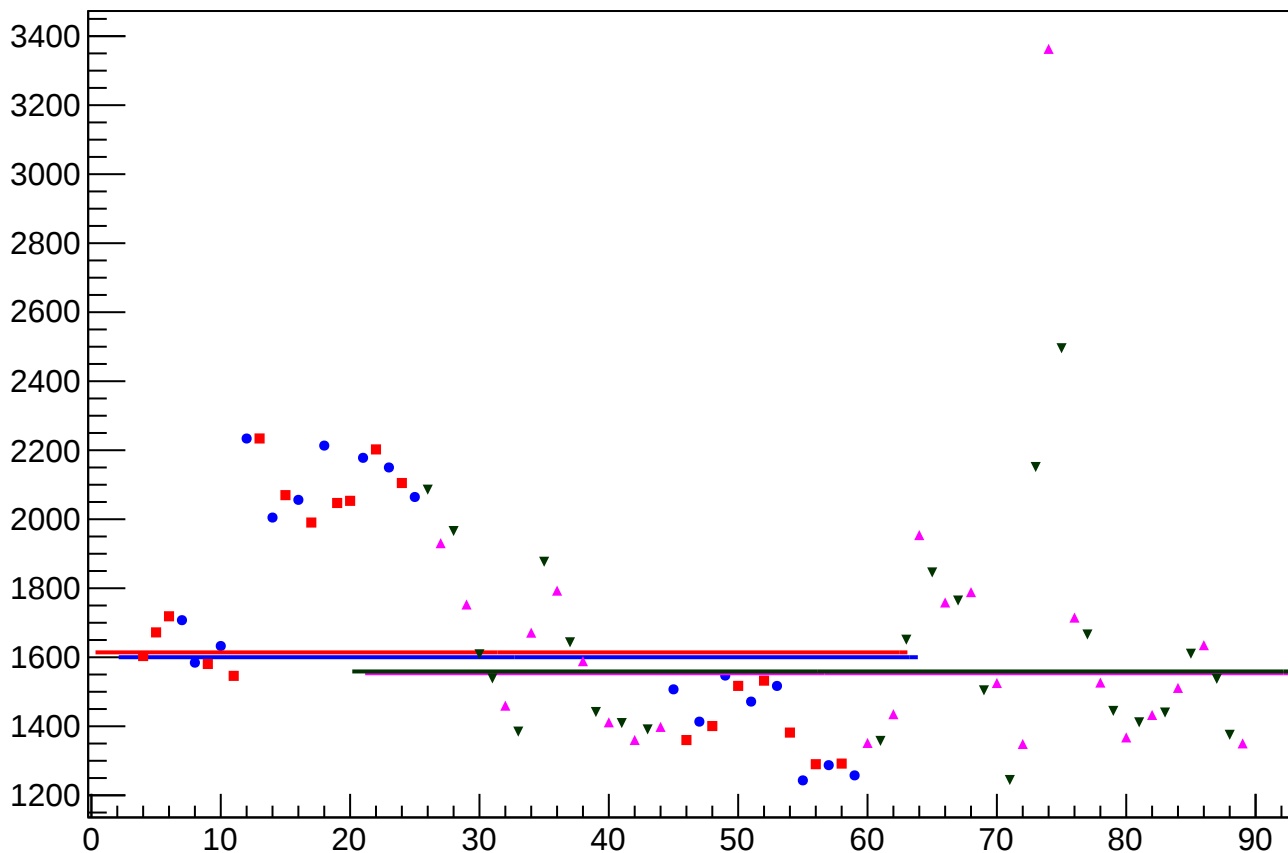
Right Out: -0.513 ± 0.519 $\chi^2/\text{NDF}: 13.6/18$

Left In: -0.625 ± 0.432 $\chi^2/\text{NDF}: 23.0/23$

0.073 ± 0.329 $\chi^2/\text{NDF}: 37.0/42$

-0.579 ± 0.332 $\chi^2/\text{NDF}: 36.7/42$

diff_bpm4aX_rms vs slug



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

Left Out: 1558.884 ± 0.316 χ^2/NDF : 605238.6/24

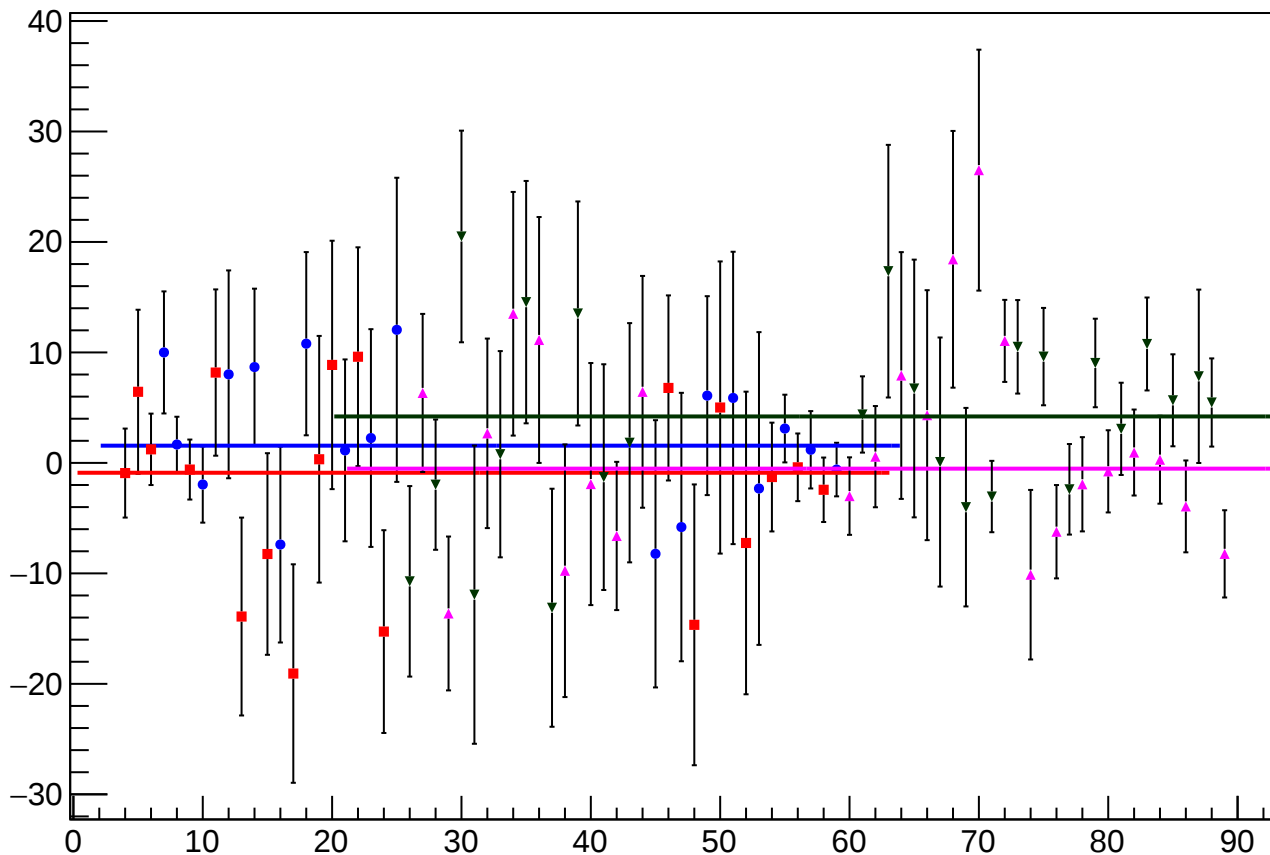
Right Out: 1614.182 ± 0.367 χ^2/NDF : 670373.5/18

Left In: 1553.732 ± 0.306 χ^2/NDF : 622620.0/23

1577.777 ± 0.232 χ^2/NDF : 1462807.6/42

1578.491 ± 0.235 χ^2/NDF : 1309014.3/42

diff_bpm4aY_mean vs slug



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

Left Out: 4.205 ± 1.111 χ^2/NDF : 31.3/24

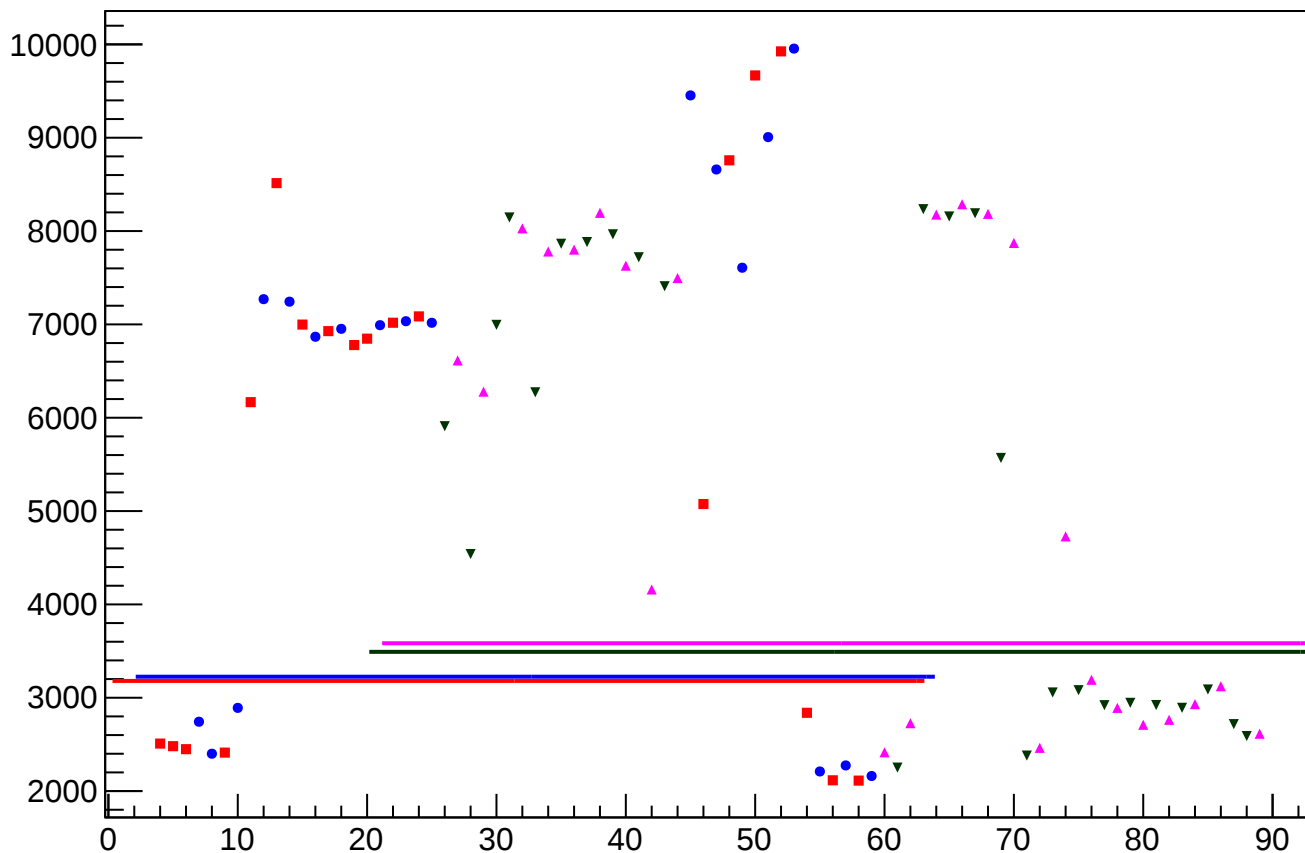
2.926 ± 0.799 χ^2/NDF : 44.3/42

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

-0.693 ± 0.816 χ^2/NDF : 53.4/42

Left In: -0.520 ± 1.117 χ^2/NDF : 37.2/23

diff_bpm4aY_rms vs slug



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

Left Out: 3491.717+/-0.786 χ^2/NDF : 4492506.4/24

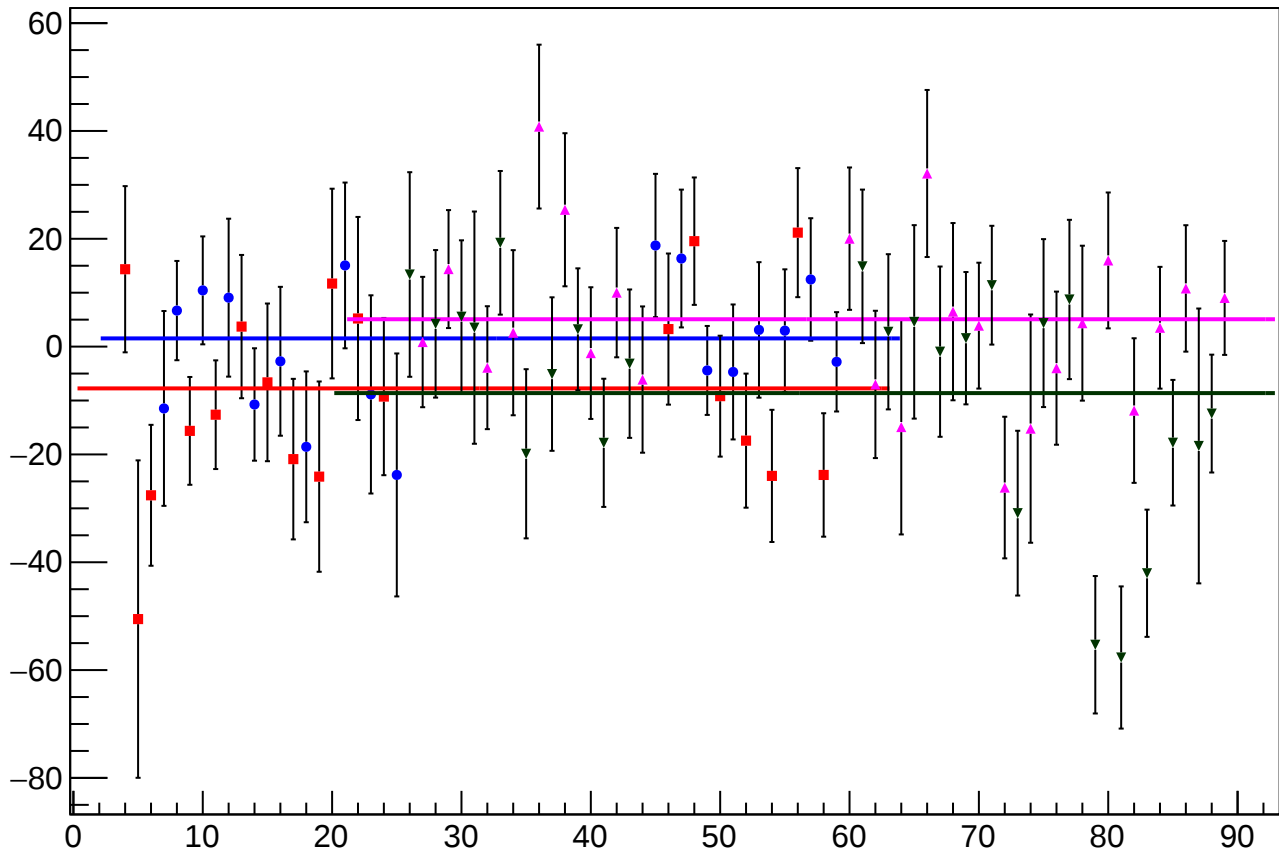
Right Out: 3180.260+/-0.846 χ^2/NDF : 5053490.5/18

Left In: 3583.784+/-0.790 χ^2/NDF : 4955639.5/23

3362.888+/-0.565 χ^2/NDF : 10408846.3/42

3395.935+/-0.577 χ^2/NDF : 10130675.1/42

diff_bpm4eX_mean vs slug



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

Left Out: -8.623 ± 2.761 χ^2/NDF : 58.8/24

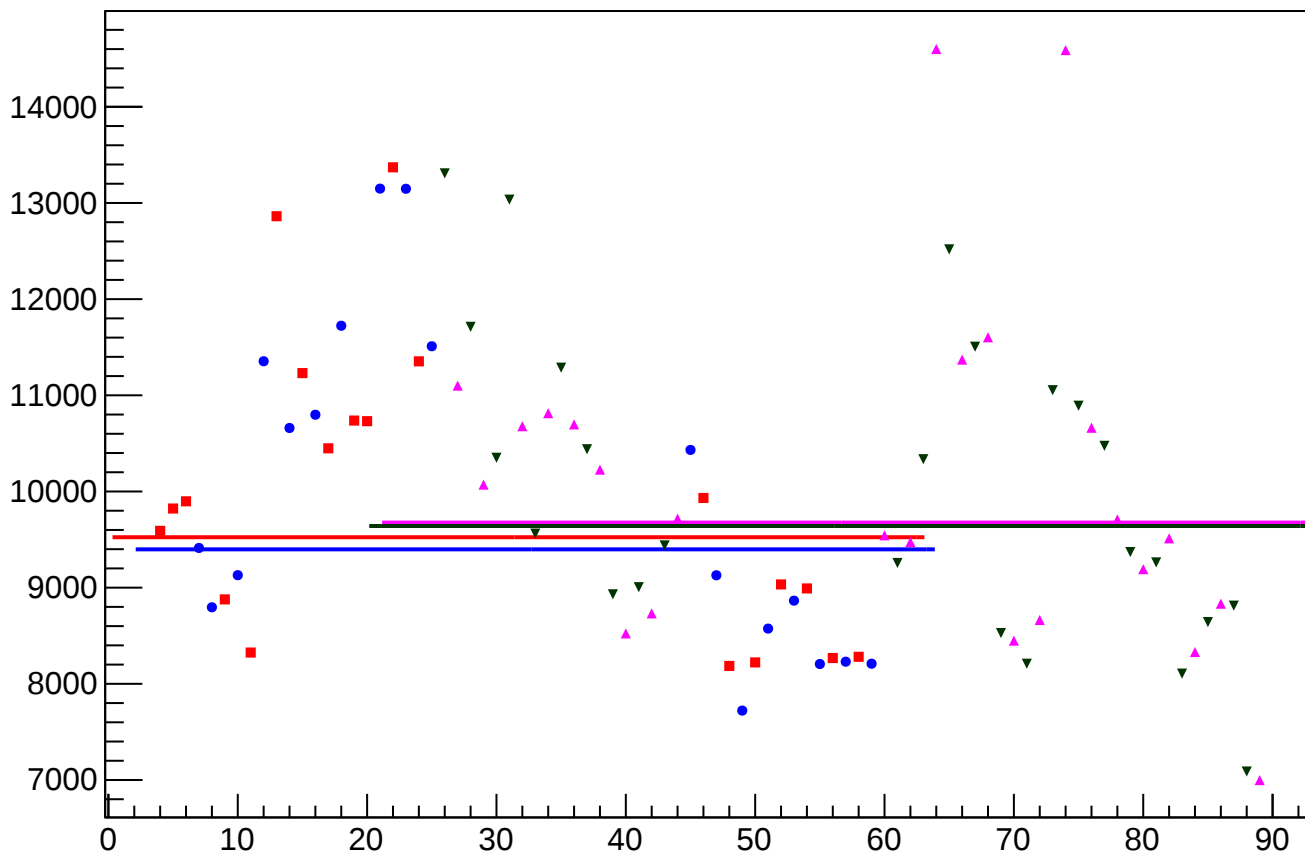
Right Out: -7.752 ± 3.046 χ^2/NDF : 27.5/18

Left In: 5.075 ± 2.691 χ^2/NDF : 26.0/23

-3.680 ± 1.977 χ^2/NDF : 78.2/42

-0.549 ± 2.017 χ^2/NDF : 63.5/42

diff_bpm4eX_rms vs slug



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

Left Out: 9641.012 $\pm$ 1.952 χ^2 /NDF: 551904.2/24

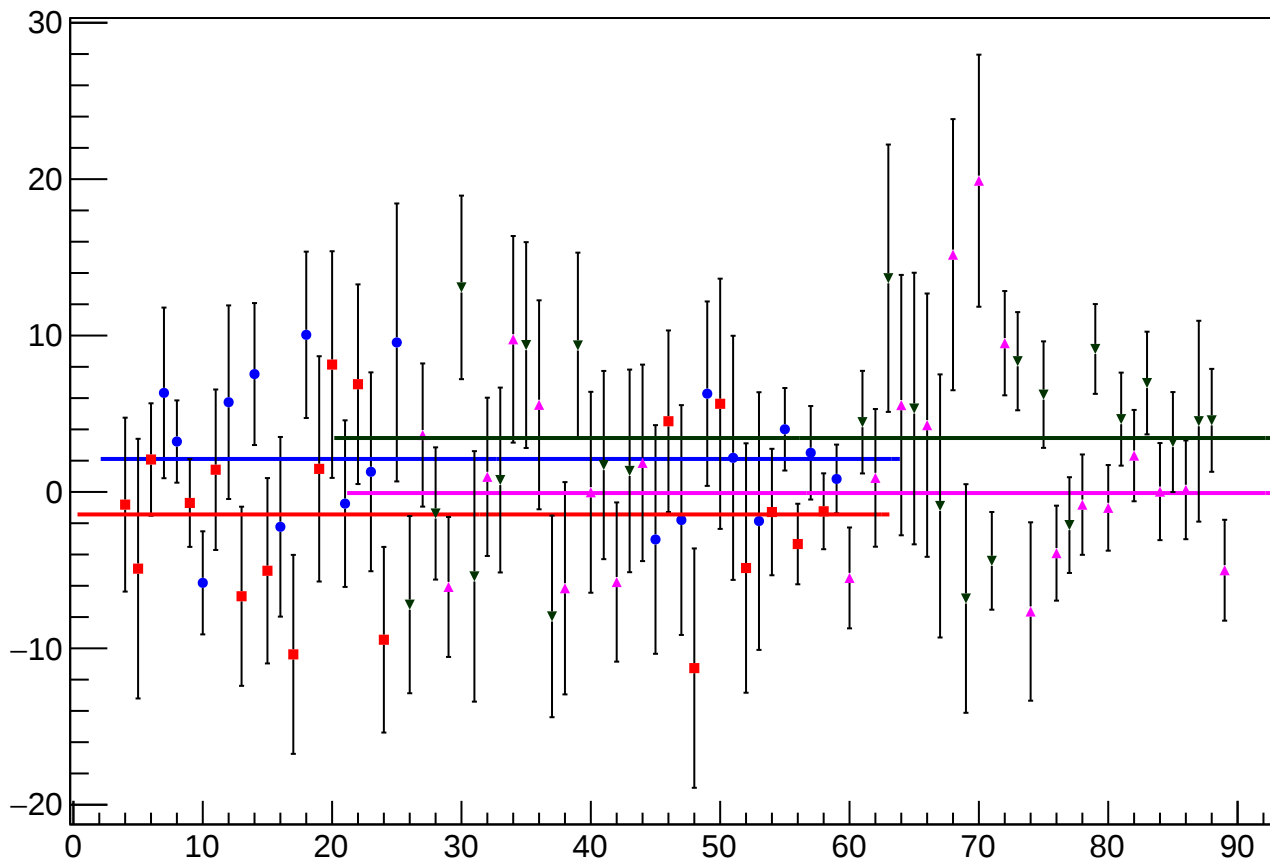
Right Out: 9524.317 $\pm$ 2.154 χ^2 /NDF: 440161.2/18

Left In: 9676.442 $\pm$ 1.903 χ^2 /NDF: 595019.9/23

9522.774 $\pm$ 1.398 χ^2 /NDF: 1114302.1/42

9609.746 $\pm$ 1.426 χ^2 /NDF: 1037983.2/42

diff_bpm4eY_mean vs slug



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

Left Out: 3.448 ± 0.852 χ^2/NDF : 36.0/24

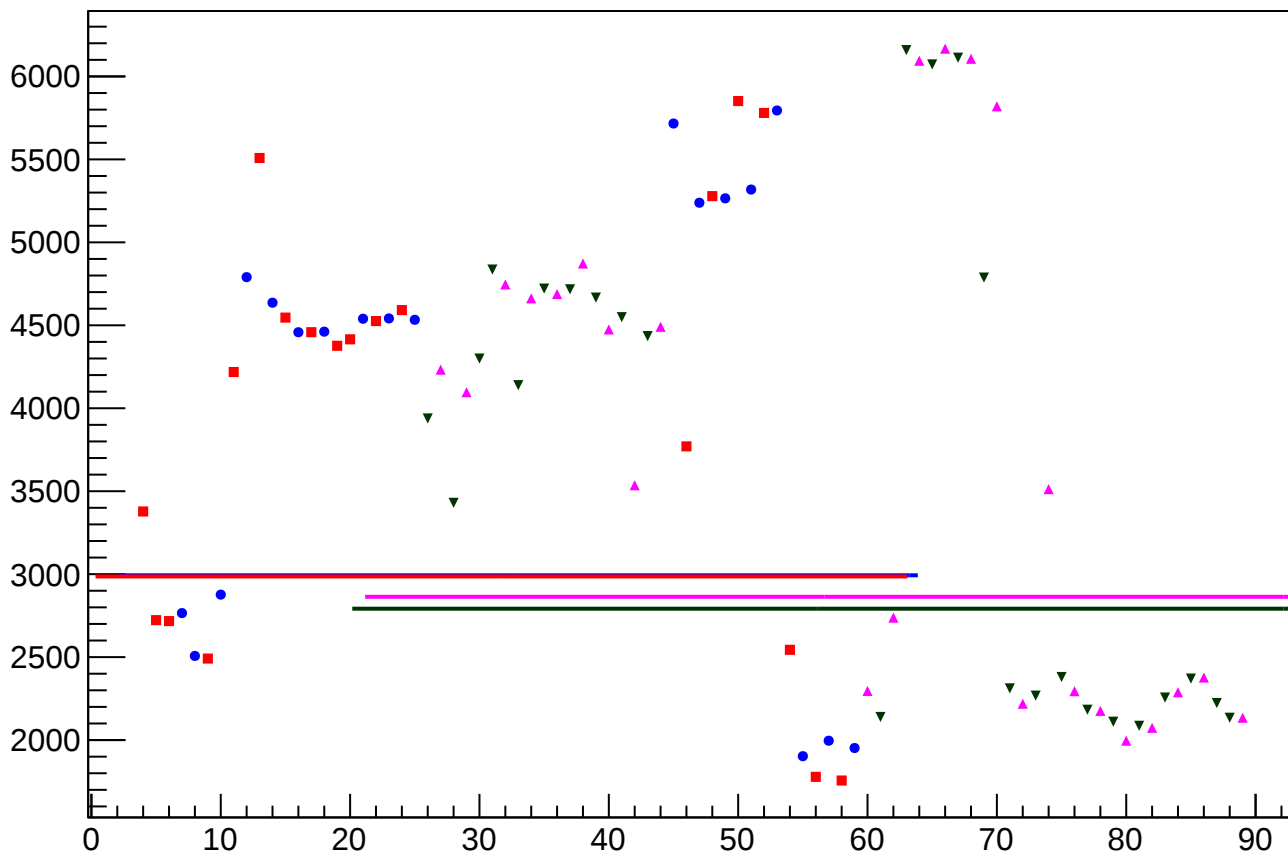
Right Out: -1.438 ± 1.040 χ^2/NDF : 14.4/18

Left In: -0.070 ± 0.853 χ^2/NDF : 35.2/23

2.872 ± 0.643 χ^2/NDF : 51.6/42

-0.620 ± 0.660 χ^2/NDF : 50.6/42

diff_bpm4eY_rms vs slug



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

Left Out: 2791.907 $\pm$ 0.602 χ^2 /NDF:3099081.8/24

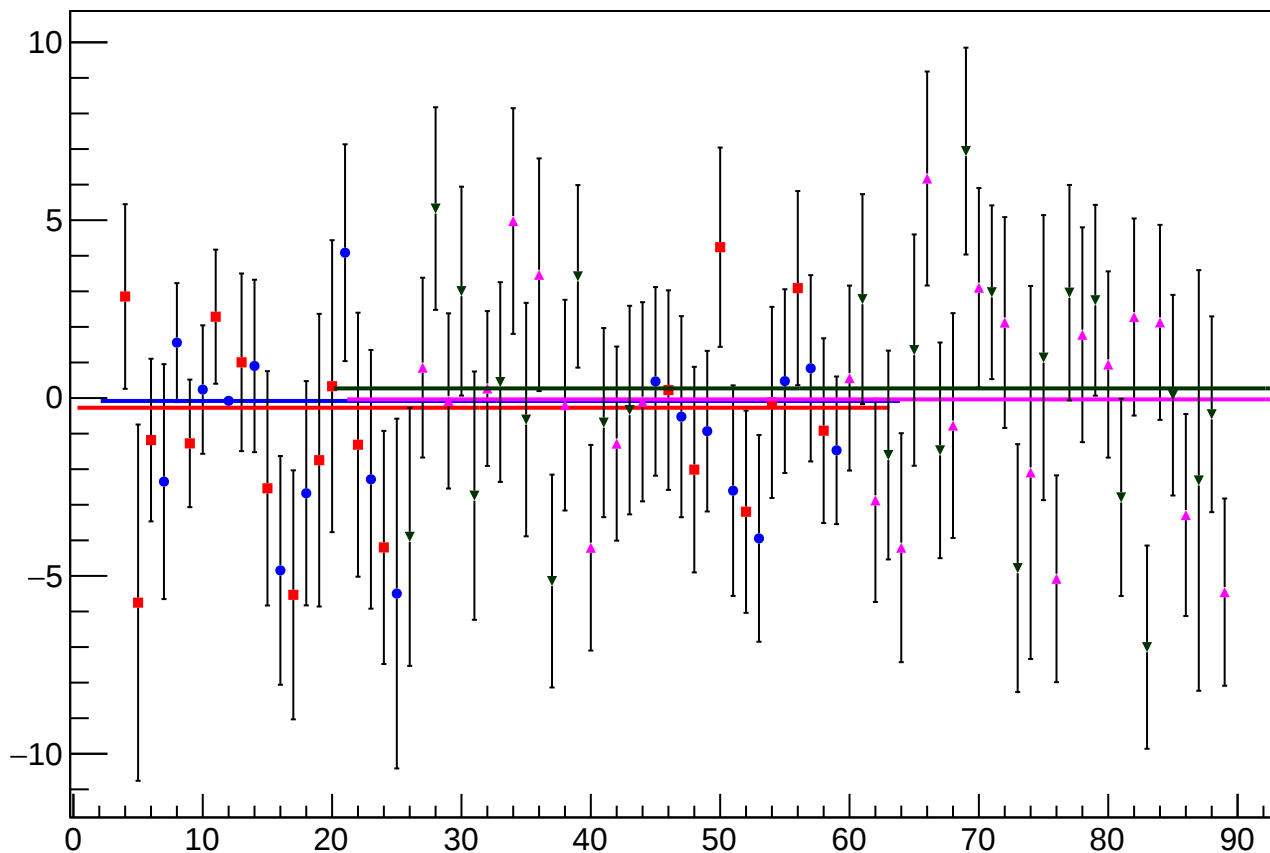
Right Out: 2986.116 $\pm$ 0.736 χ^2 /NDF: 2945634.2/18

Left In: 2863.573 $\pm$ 0.603 χ^2 /NDF:3425560.6/23

2878.615 $\pm$ 0.454 χ^2 /NDF: 6465344.9/42

2912.847 $\pm$ 0.466 χ^2 /NDF: 6387788.7/42

diff_bpm4acX_mean vs slug



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

Left Out: 0.272 ± 0.599 χ^2/NDF : 30.9/24

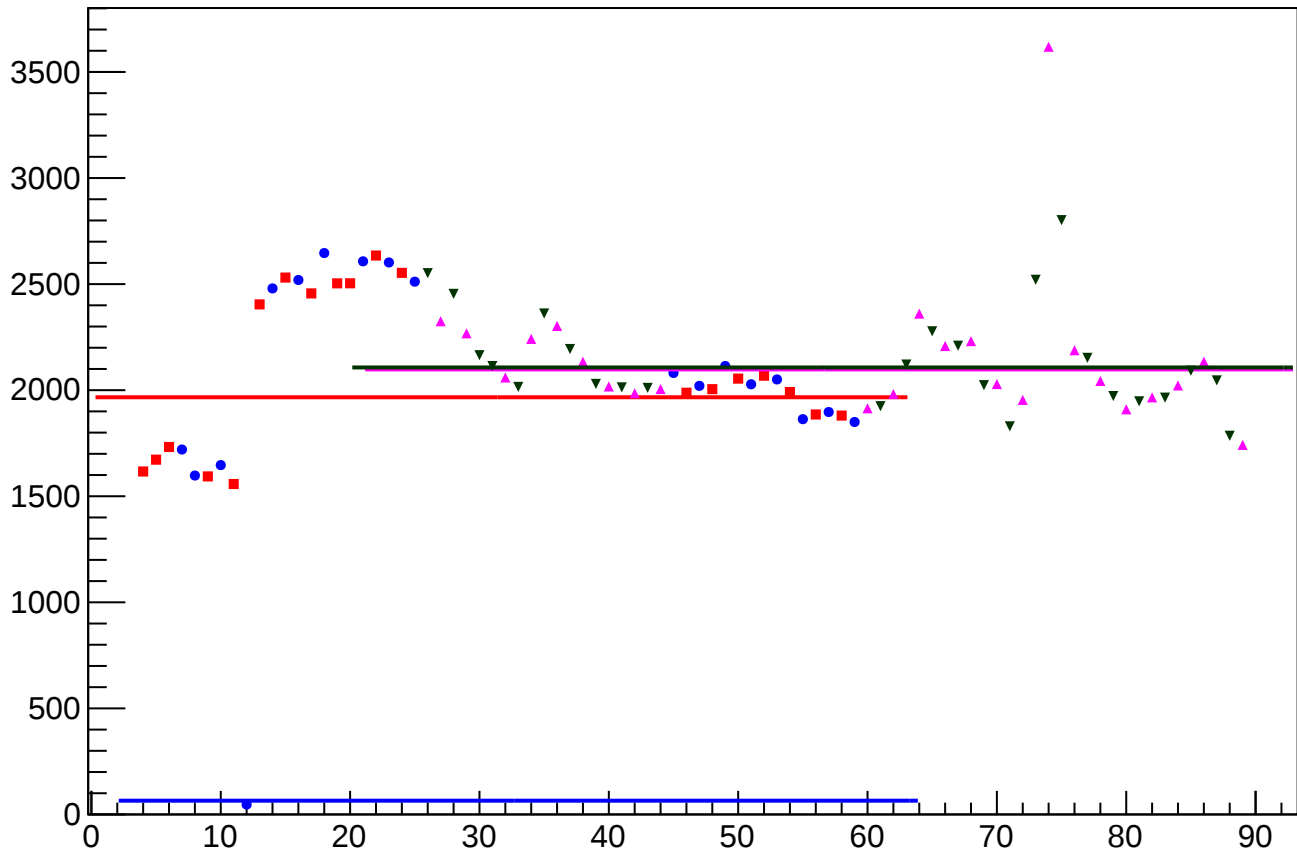
Right Out: -0.272 ± 0.631 χ^2/NDF : 15.3/18

Left In: -0.037 ± 0.579 χ^2/NDF : 25.4/23

-0.078 ± 0.060 χ^2/NDF : 42.6/42

-0.145 ± 0.427 χ^2/NDF : 40.8/42

diff_bpm4acX_rms vs slug



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

Left Out: 2107.086+/-0.423 χ^2/NDF : 258726.5/24

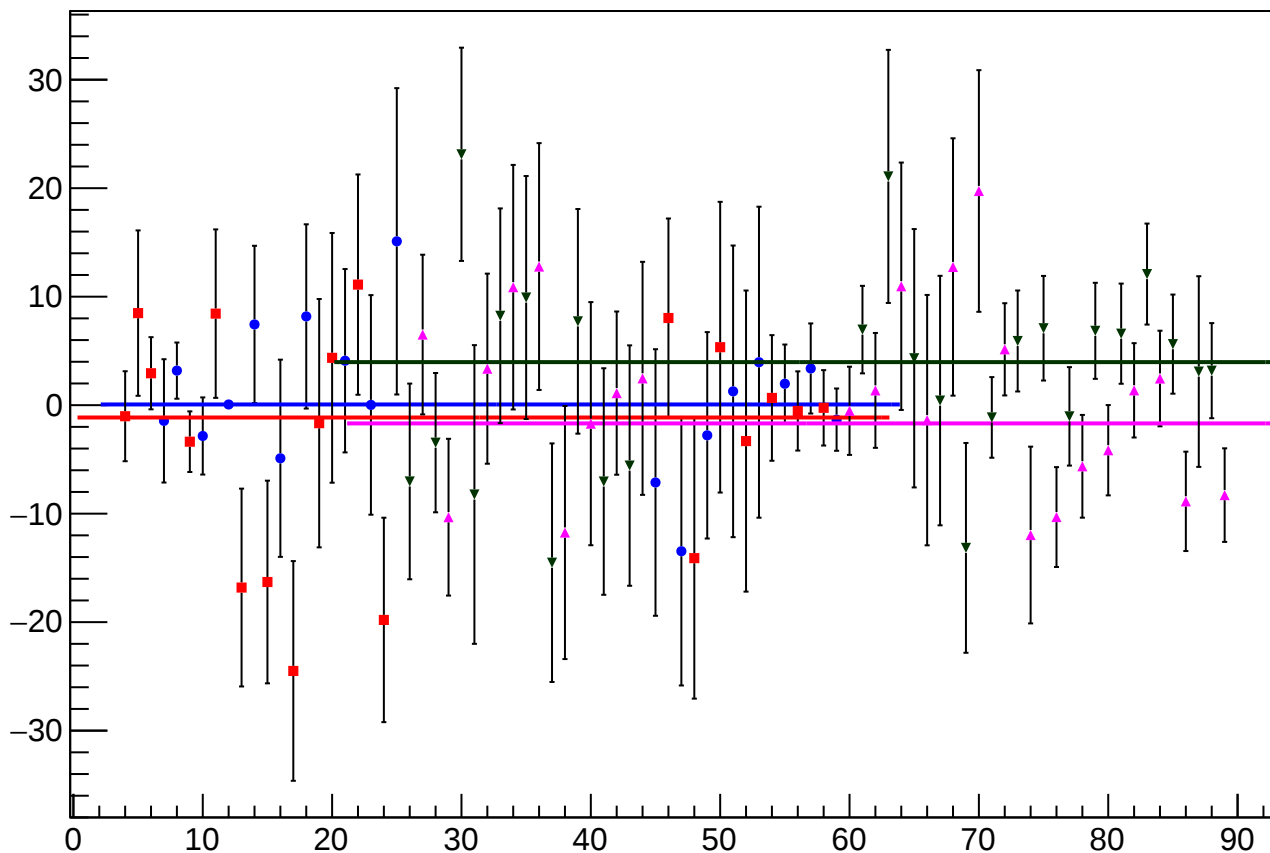
Right Out: 1966.634+/-0.446 χ^2/NDF : 610680.3/18

Left In: 2097.780+/-0.409 χ^2/NDF : 308560.0/23

85.252+/-0.042 χ^2/NDF : 43560503.8/42

2037.844+/-0.302 χ^2/NDF : 966118.7/42

diff_bpm4acY_mean vs slug



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

Left Out: 3.968 ± 1.225 χ^2/NDF : 26.3/24

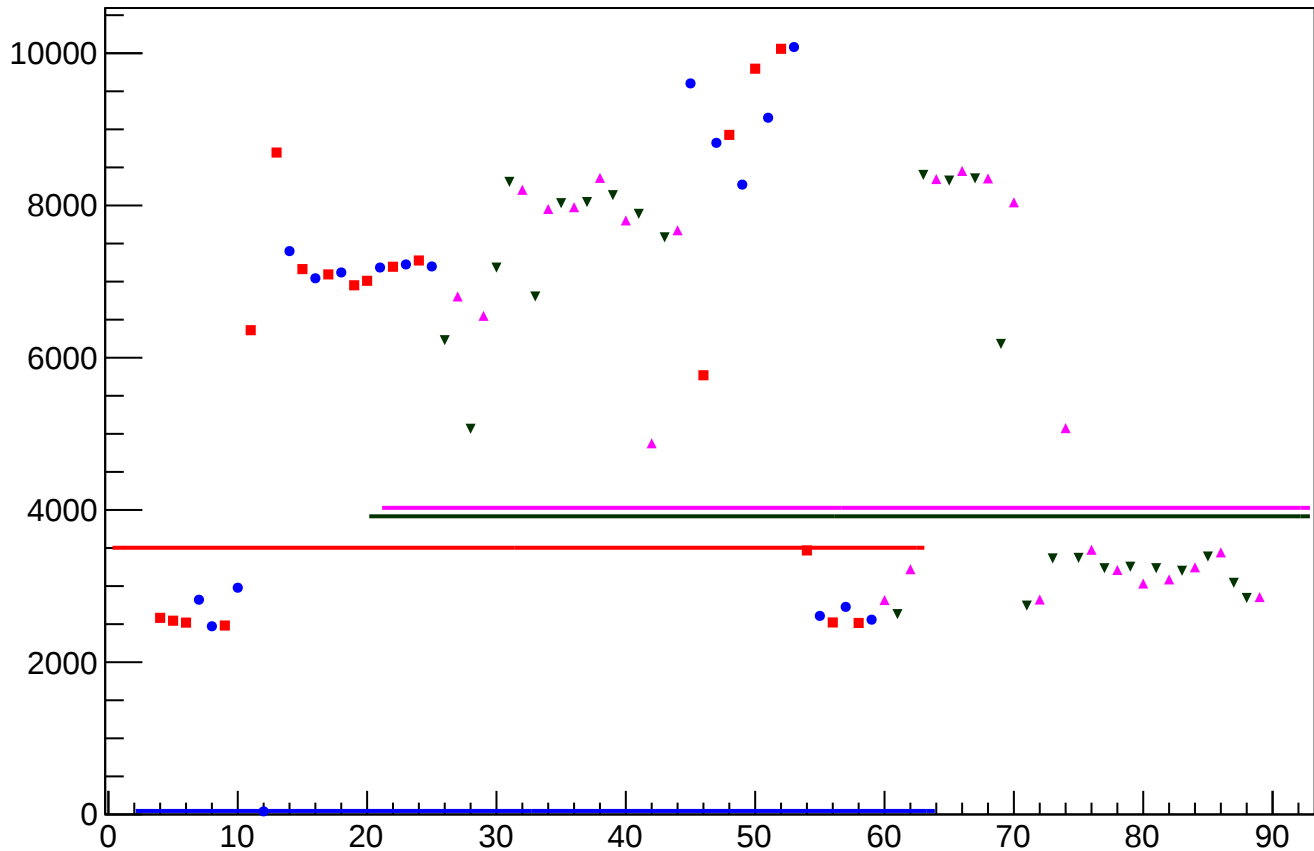
Right Out: -1.137 ± 1.295 χ^2/NDF : 24.2/18

Left In: -1.681 ± 1.231 χ^2/NDF : 28.6/23

0.072 ± 0.052 χ^2/NDF : 45.1/42

-1.423 ± 0.892 χ^2/NDF : 53.0/42

diff_bpm4acY_rms vs slug



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

Left Out: 3916.729+/-0.866 χ^2/NDF :3964181.0/24

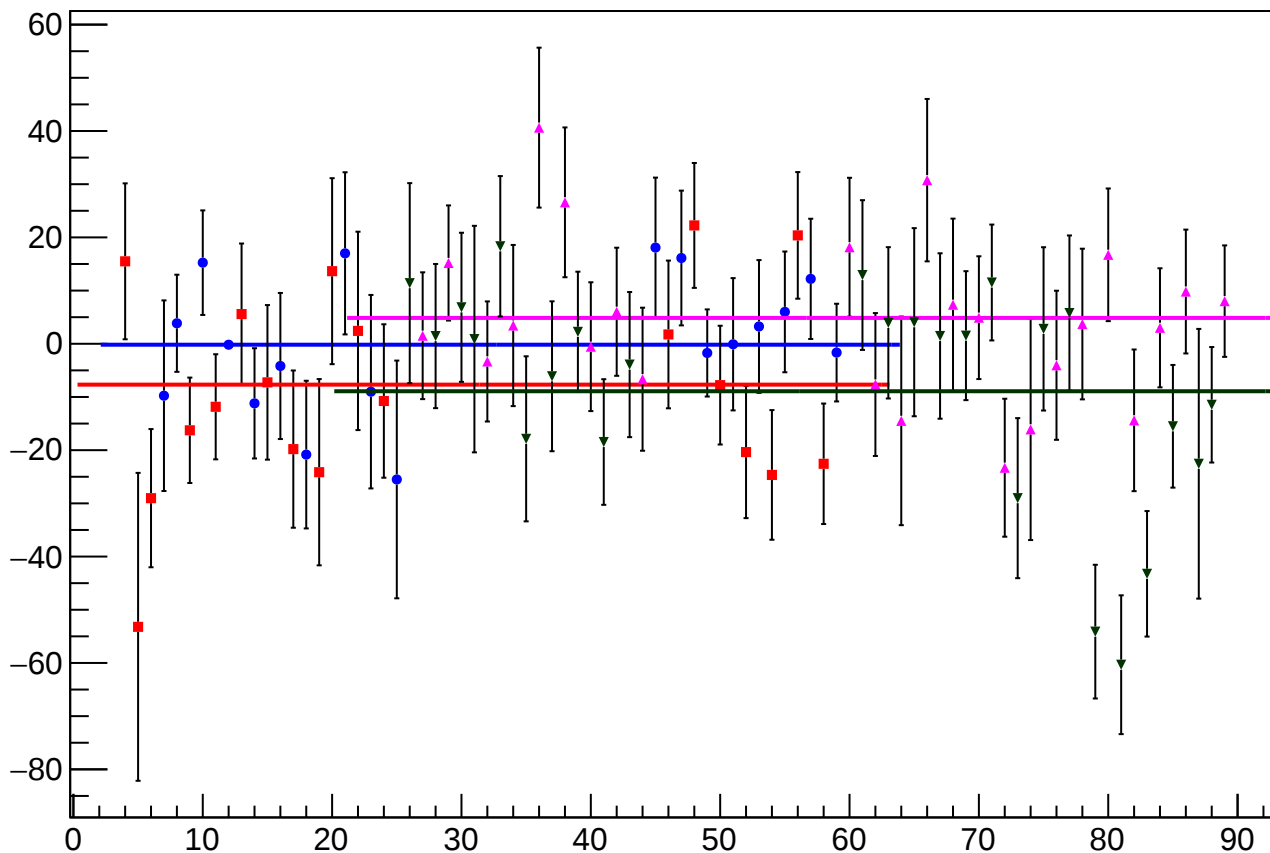
Right Out: 3503.720+/-0.916 χ^2/NDF : 4669685.2/18

Left In: 4027.951+/-0.870 χ^2/NDF :4290347.1/23

53.241+/-0.037 χ^2/NDF : 44076259.4/42

3779.226+/-0.631 χ^2/NDF : 9132216.4/42

diff_bpm4ecX_mean vs slug



Right In: -0.174 ± 0.106 $\chi^2/\text{NDF}: 14.4/17$

Left Out: -8.922 ± 2.734 $\chi^2/\text{NDF}: 59.1/24$

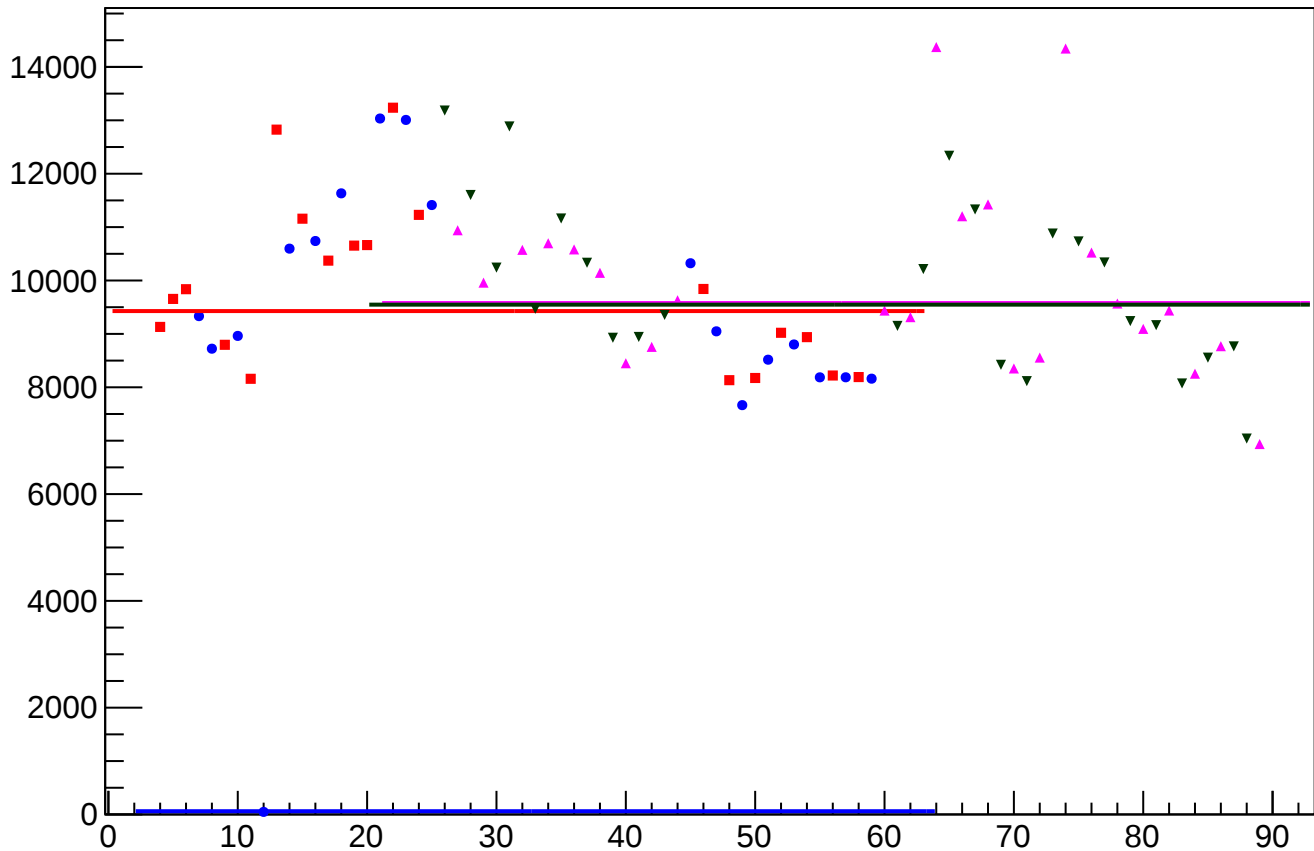
Right Out: -7.679 ± 3.015 $\chi^2/\text{NDF}: 30.2/18$

Left In: 4.862 ± 2.663 $\chi^2/\text{NDF}: 25.7/23$

-0.187 ± 0.106 $\chi^2/\text{NDF}: 83.7/42$

-0.633 ± 1.996 $\chi^2/\text{NDF}: 65.7/42$

diff_bpm4ecX_rms vs slug



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

Left Out: 9547.966 $\pm$ 1.933 χ^2 /NDF: 539370.8/24

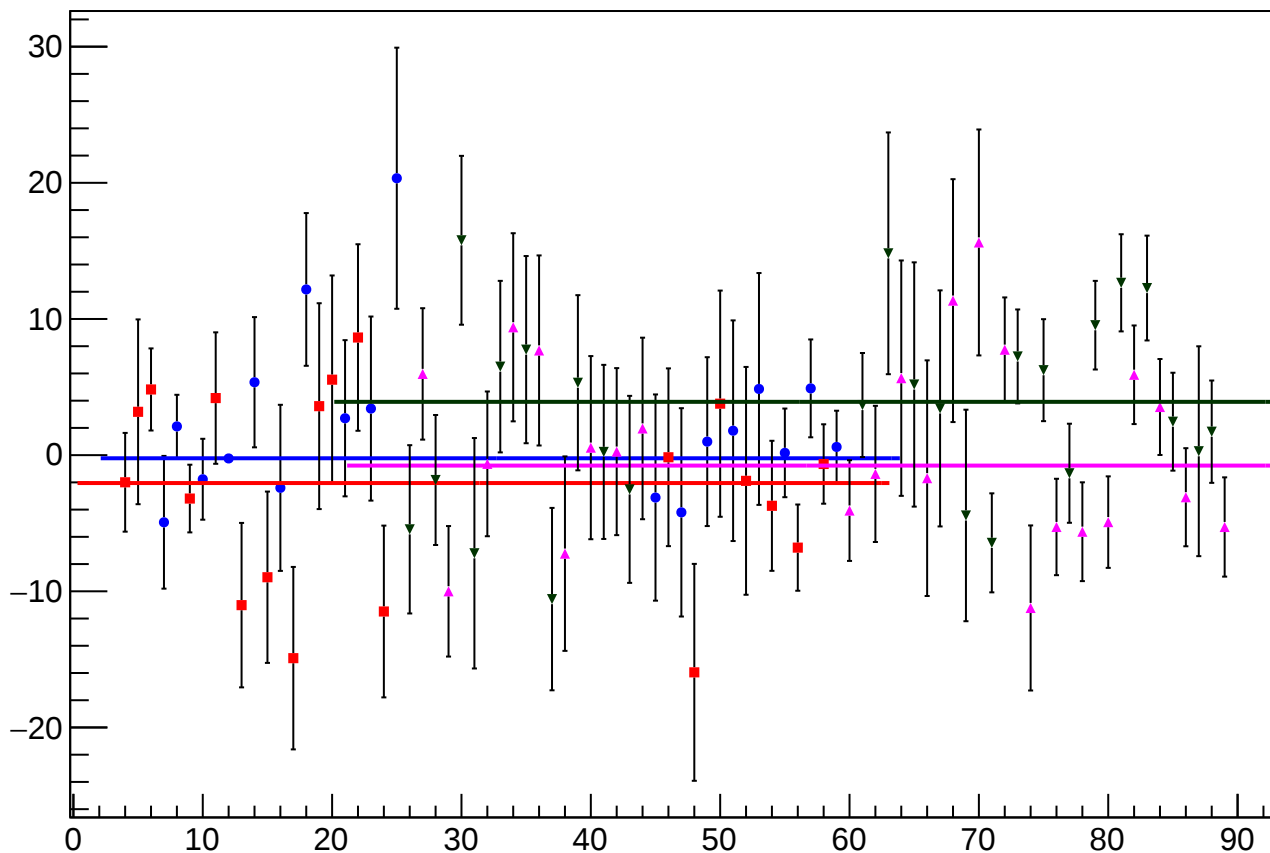
Right Out: 9427.549 $\pm$ 2.132 χ^2 /NDF: 447350.4/18

Left In: 9578.180 $\pm$ 1.883 χ^2 /NDF: 580110.1/23

75.103 $\pm$ 0.075 χ^2 /NDF: 45702396.3/42

9512.179 $\pm$ 1.411 χ^2 /NDF: 1030264.3/42

diff_bpm4ecY_mean vs slug



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

Left Out: 3.915 ± 0.960 χ^2/NDF : 44.2/24

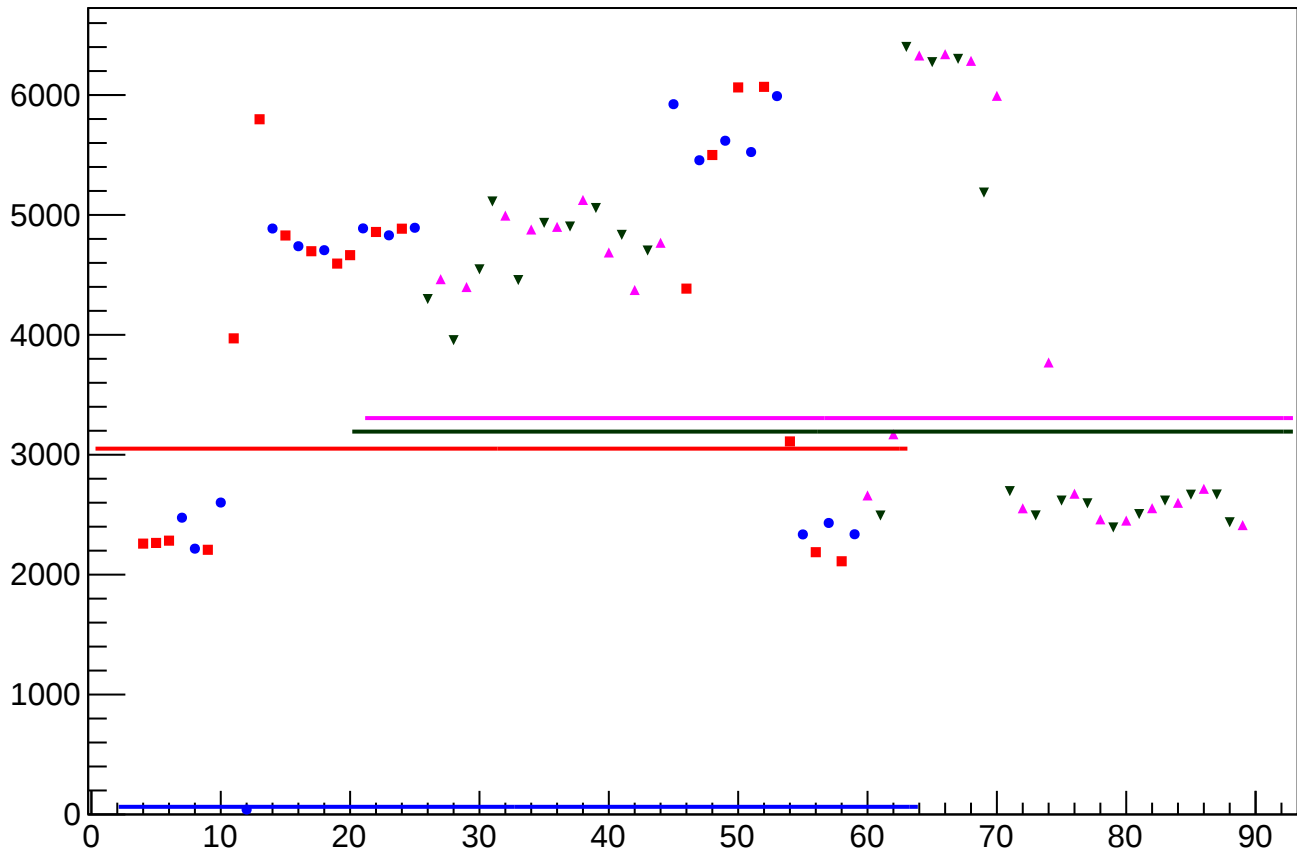
Right Out: -2.049 ± 1.055 χ^2/NDF : 27.2/18

Left In: -0.767 ± 0.967 χ^2/NDF : 37.1/23

-0.194 ± 0.089 χ^2/NDF : 79.4/42

-1.352 ± 0.713 χ^2/NDF : 65.1/42

diff_bpm4ecY_rms vs slug



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

Left Out: 3192.982+/-0.679 χ^2 /NDF:2595388.7/24

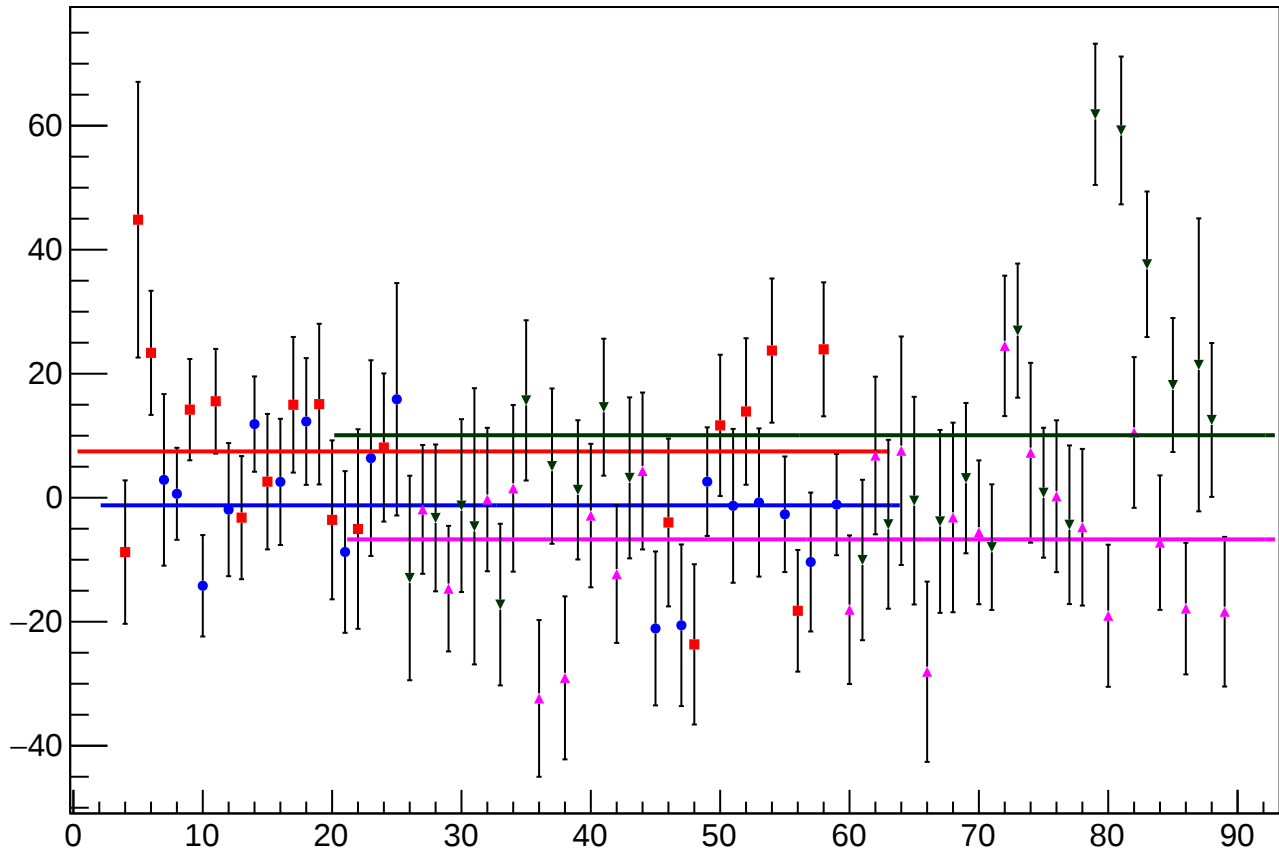
90.842+/-0.063 χ^2 /NDF: 43909696.8/42

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

3189.390+/-0.504 χ^2 /NDF: 5661691.0/42

Left In: 3305.661+/-0.684 χ^2 /NDF:2716184.5/23

diff_bpm1X_mean vs slug



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

Left Out: 10.079 ± 2.524 χ^2/NDF : 66.9/24

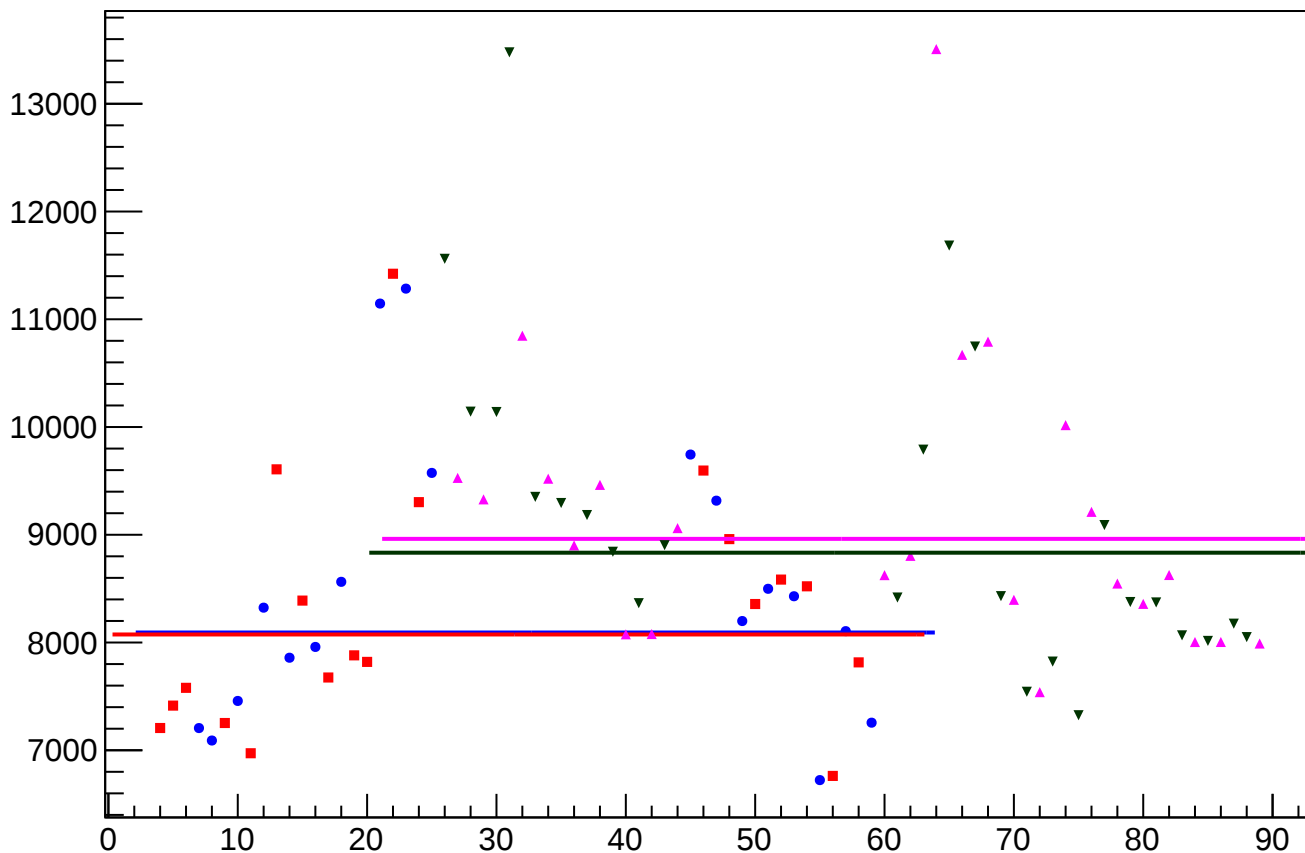
Right Out: -7.465 ± 2.574 χ^2/NDF : 30.5/18

Left In: -6.715 ± 2.480 χ^2/NDF : 28.6/23

4.212 ± 1.751 χ^2/NDF : 91.9/42

0.113 ± 1.786 χ^2/NDF : 74.8/42

diff_bpm1X_rms vs slug



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

Left Out: 8833.564 $\pm$ 1.785 χ^2 /NDF: 428253.6/24

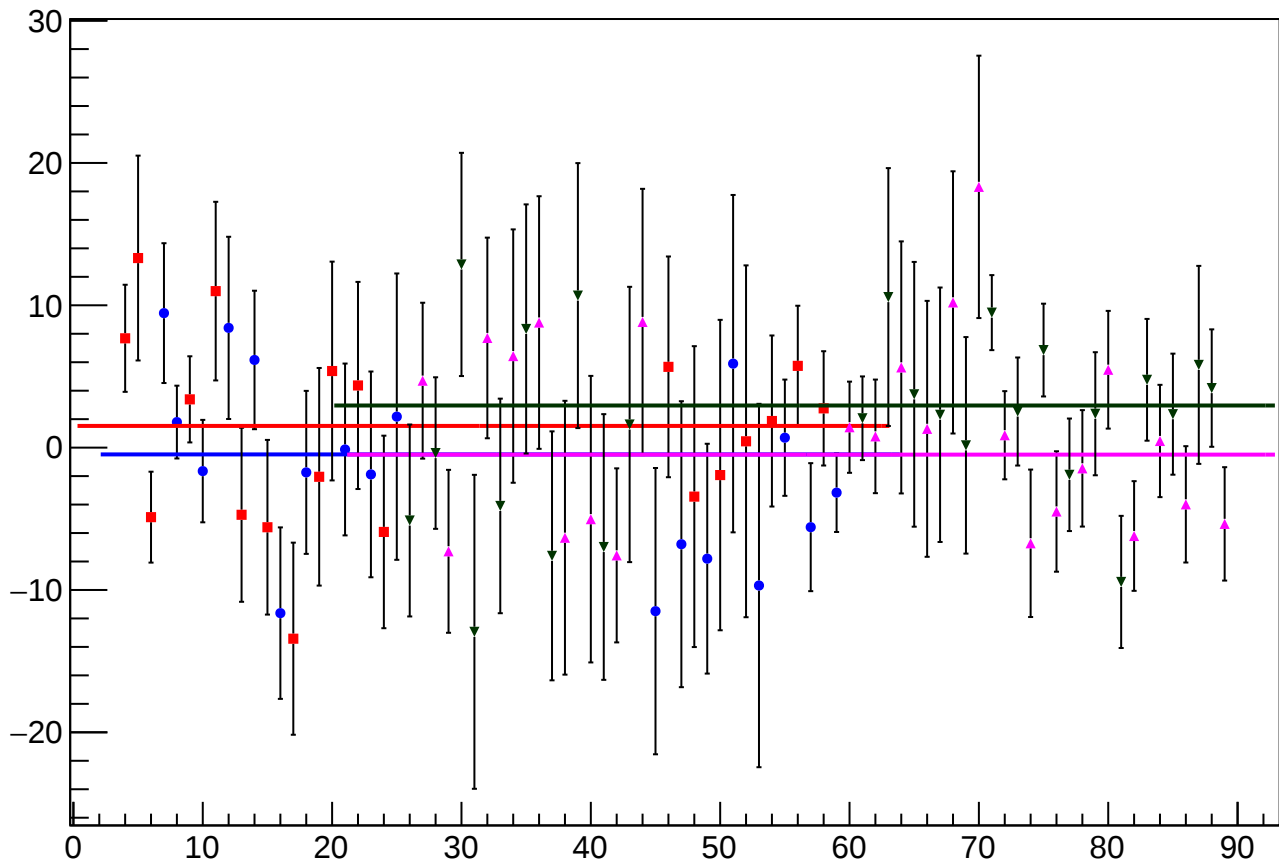
Right Out: 8074.654 $\pm$ 1.820 χ^2 /NDF: 312658.9/18

Left In: 8961.982 $\pm$ 1.754 χ^2 /NDF: 374224.1/23

8449.240 $\pm$ 1.238 χ^2 /NDF: 906985.8/42

8534.718 $\pm$ 1.263 χ^2 /NDF: 810128.8/42

diff_bpm1Y_mean vs slug



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

Left Out: 2.960 ± 1.005 $\chi^2/\text{NDF}: 27.7/24$

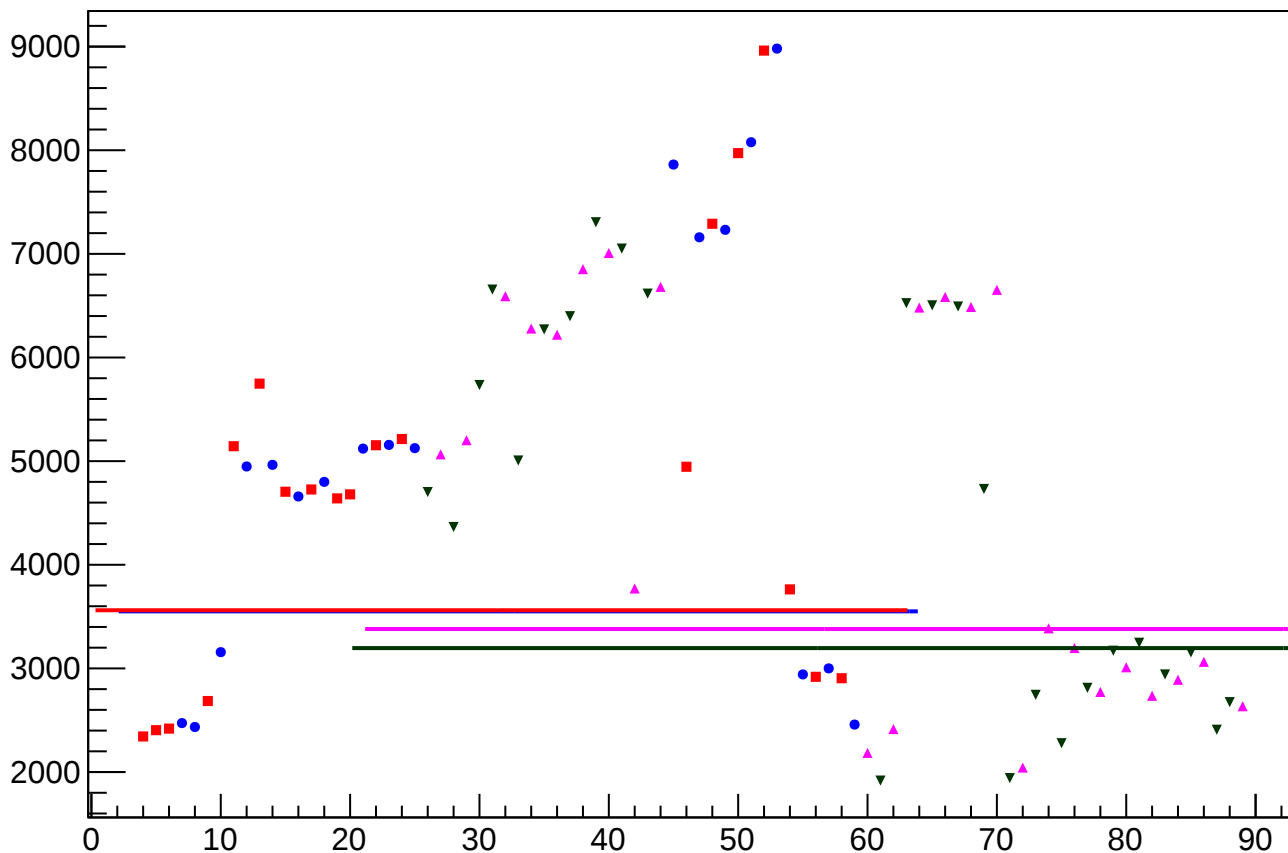
Right Out: 1.525 ± 1.232 $\chi^2/\text{NDF}: 22.9/18$

Left In: -0.491 ± 1.027 $\chi^2/\text{NDF}: 23.9/23$

1.488 ± 0.760 $\chi^2/\text{NDF}: 50.6/42$

0.336 ± 0.789 $\chi^2/\text{NDF}: 48.4/42$

diff_bpm1Y_rms vs slug



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

Left Out: 3195.982+/-0.711 χ^2 /NDF: 4193008.5/24

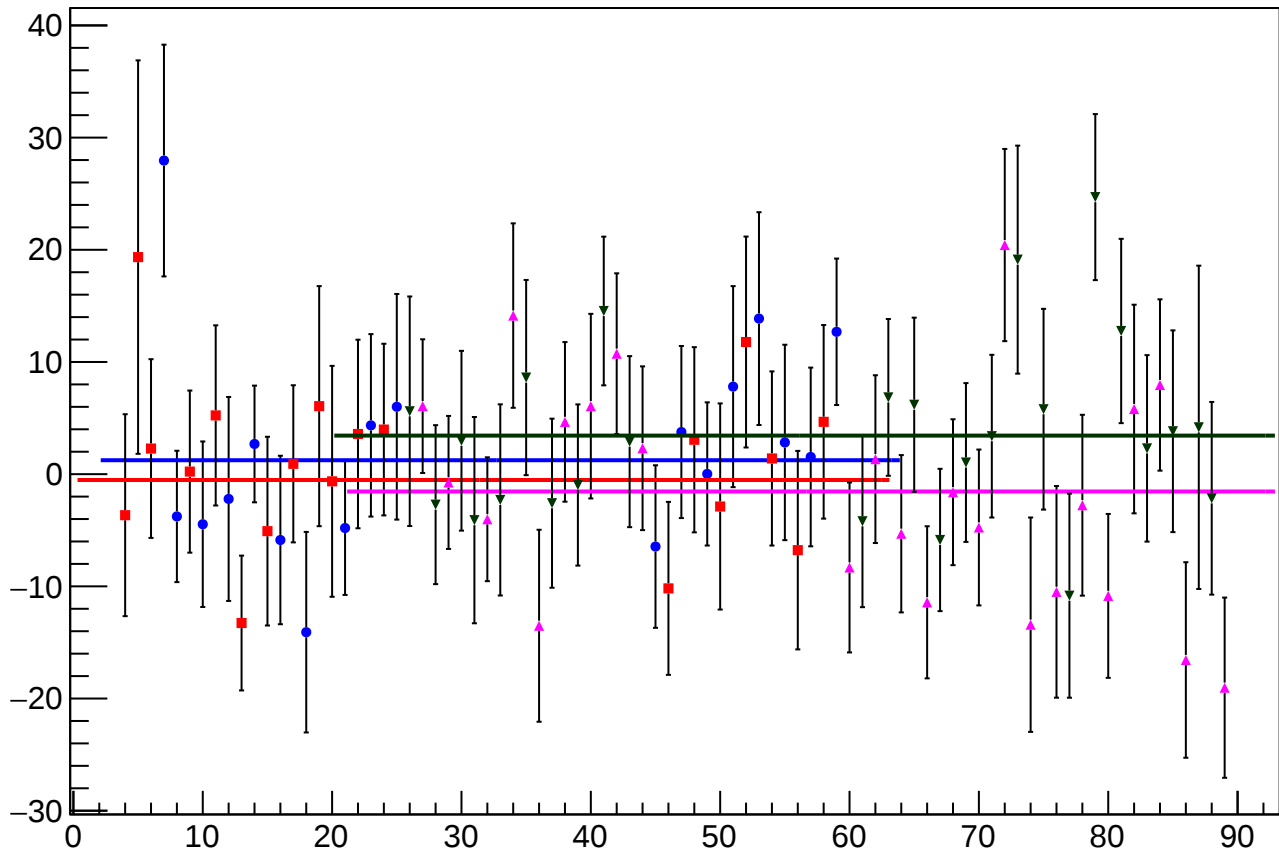
Right Out: 3561.233+/-0.871 χ^2 /NDF: 2618224.4/18

Left In: 3380.103+/-0.726 χ^2 /NDF: 3982696.3/23

3347.834+/-0.537 χ^2 /NDF: 7593499.7/42

3454.415+/-0.558 χ^2 /NDF: 6626423.4/42

diff_bpm11X_mean vs slug



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

Left Out: 3.437 ± 1.599 χ^2/NDF : 24.6/24

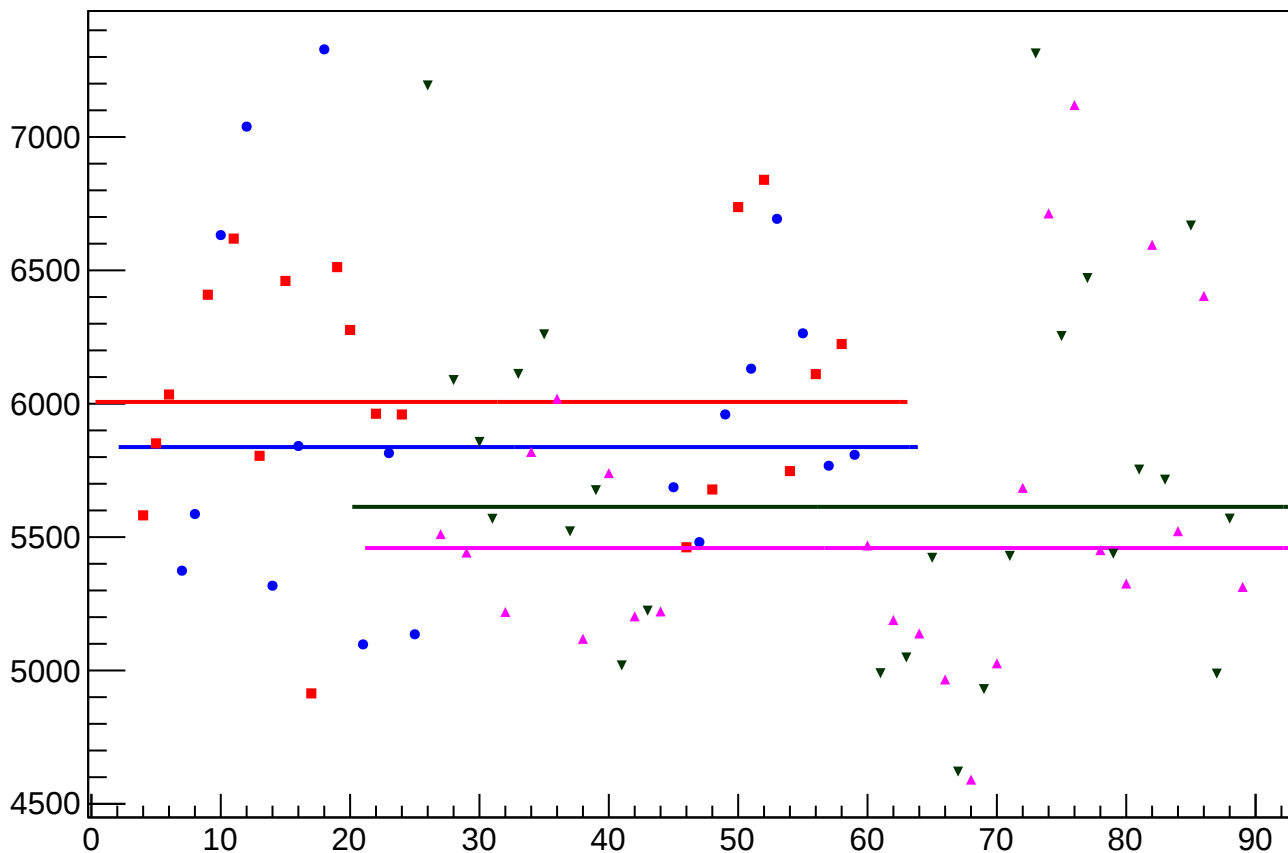
2.439 ± 1.181 χ^2/NDF : 45.7/42

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

-1.151 ± 1.183 χ^2/NDF : 48.9/42

Left In: -1.545 ± 1.508 χ^2/NDF : 36.4/23

diff_bpm11X_rms vs slug



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

Left Out: 5613.435 $\pm$ 1.130 χ^2 /NDF:311969.8/24

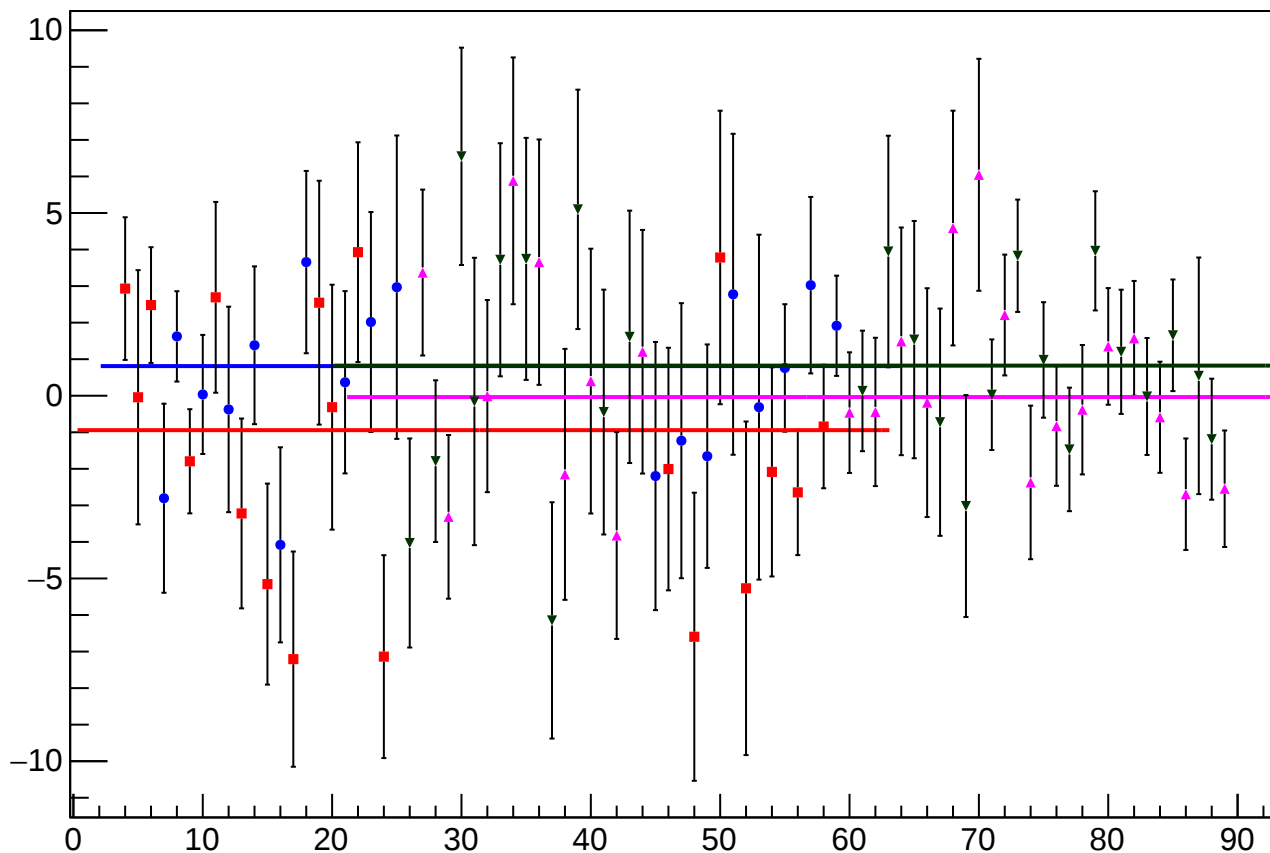
Right Out: 6006.736 $\pm$ 1.348 χ^2 /NDF: 130455.1/18

Left In: 5459.097 $\pm$ 1.066 χ^2 /NDF:241387.8/23

5715.294 $\pm$ 0.835 χ^2 /NDF: 541152.1/42

5669.842 $\pm$ 0.836 χ^2 /NDF: 473360.7/42

diff_bpm11Y_mean vs slug



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

Left Out: 0.824 ± 0.429 χ^2/NDF : 31.0/24

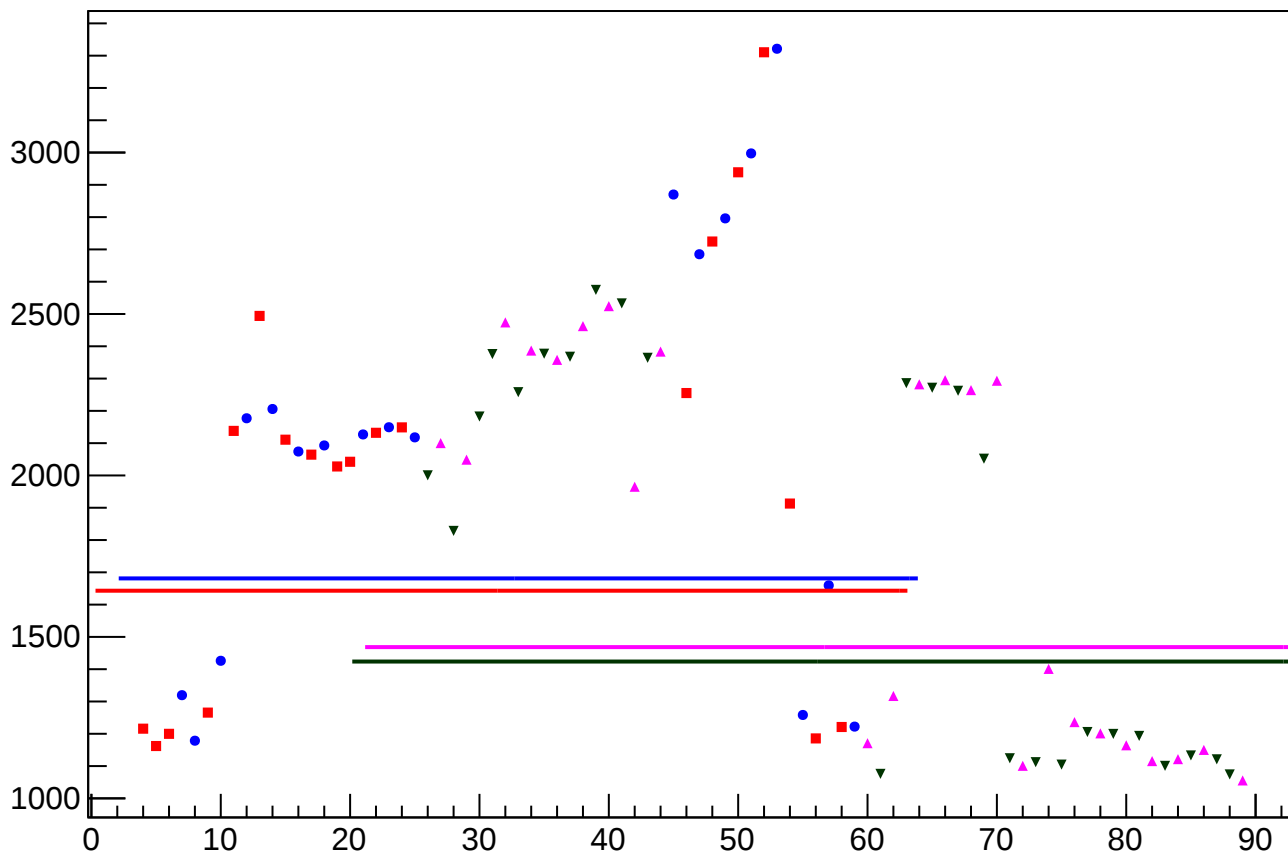
Right Out: -0.942 ± 0.553 χ^2/NDF : 32.9/18

Left In: -0.036 ± 0.429 χ^2/NDF : 27.9/23

0.819 ± 0.334 χ^2/NDF : 42.4/42

-0.377 ± 0.339 χ^2/NDF : 62.5/42

diff_bpm11Y_rms vs slug



Right In: 1681.167 $\pm$ 0.376 χ^2 /NDF: 2212913.1/17

Left Out: 1423.705 $\pm$ 0.303 χ^2 /NDF: 2698852.3/24

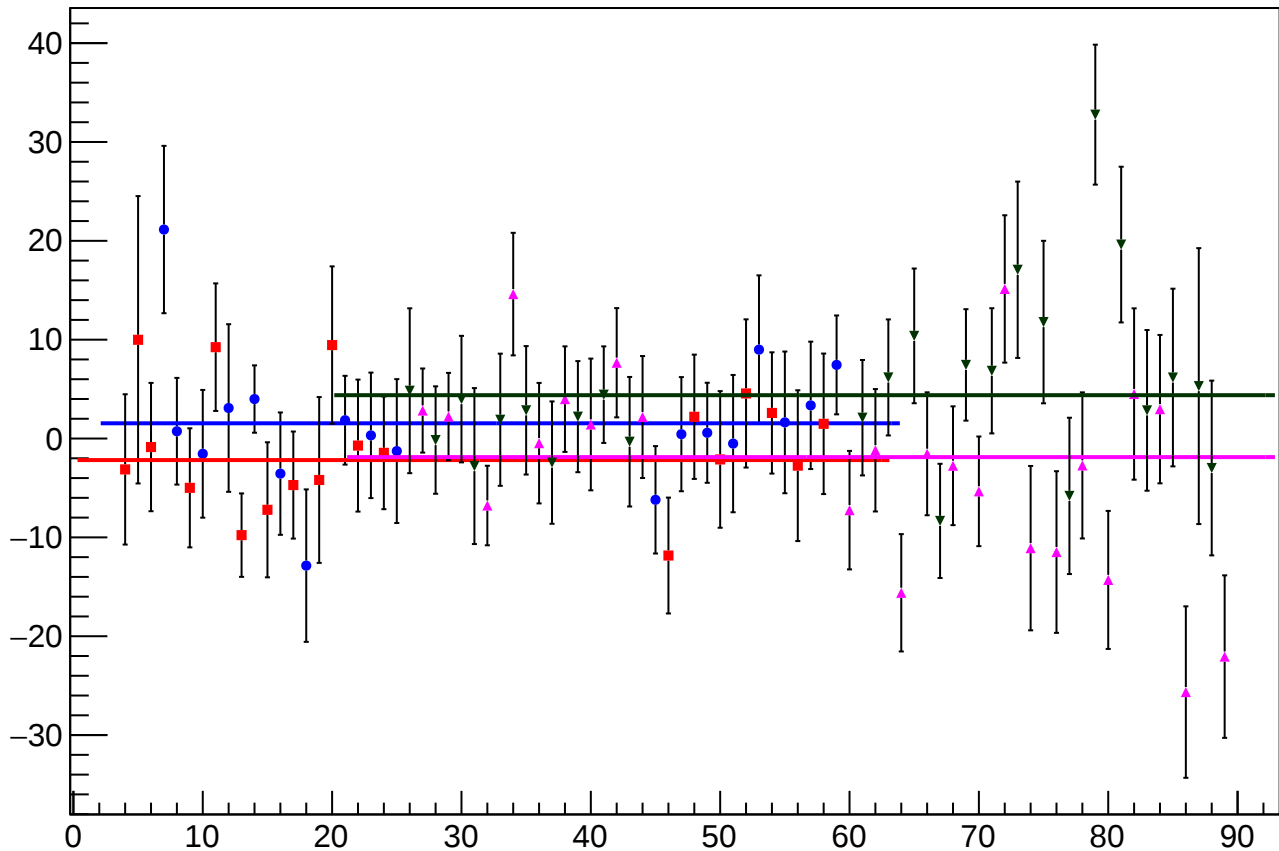
Right Out: 1643.071 $\pm$ 0.391 χ^2 /NDF: 1969332.5/18

Left In: 1468.413 $\pm$ 0.303 χ^2 /NDF: 2716145.3/23

1525.042 $\pm$ 0.236 χ^2 /NDF: 5195776.9/42

1534.040 $\pm$ 0.239 χ^2 /NDF: 4810224.1/42

diff_bpm12X_mean vs slug



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

Left Out: 4.385 $\pm$ 1.350 χ^2 /NDF: 35.0/24

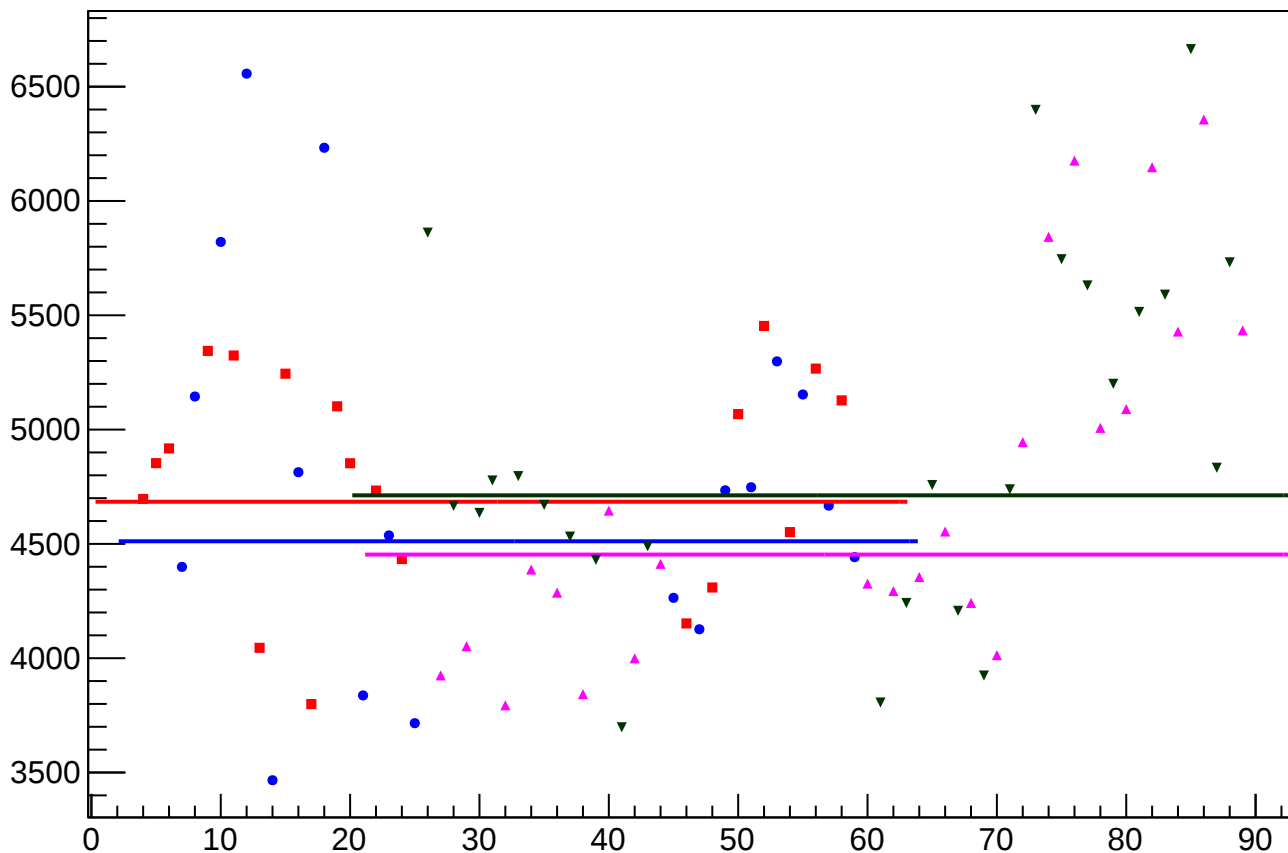
Right Out: -2.180 $\pm$ 1.492 χ^2 /NDF: 15.2/18

Left In: -1.879 $\pm$ 1.239 χ^2 /NDF: 47.6/23

2.984 $\pm$ 0.961 χ^2 /NDF: 52.4/42

-2.002 $\pm$ 0.953 χ^2 /NDF: 62.9/42

diff_bpm12X_rms vs slug



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

Left Out: 4712.465 $\pm$ 0.954 χ^2 /NDF: 554512.3/24

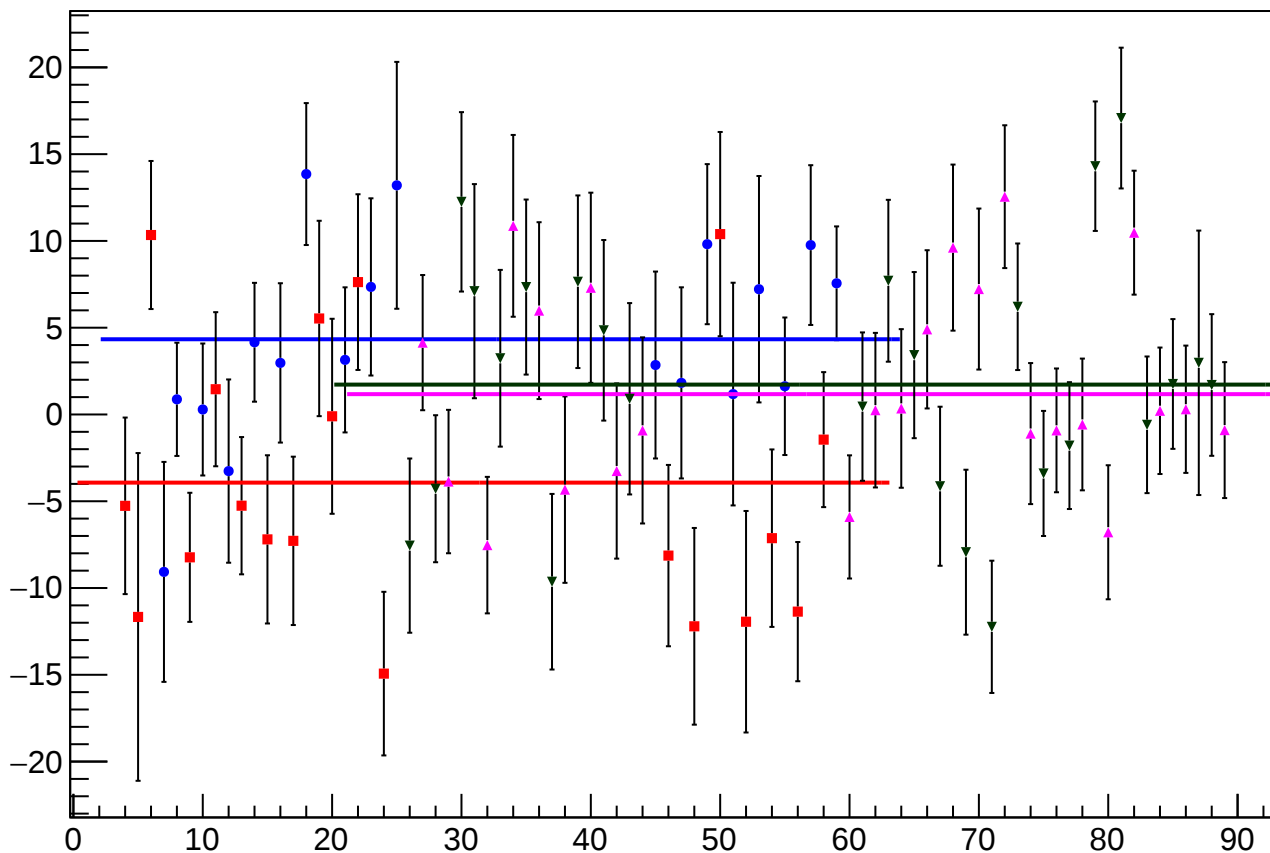
Right Out: 4684.391 $\pm$ 1.055 χ^2 /NDF: 240230.9/18

Left In: 4453.313 $\pm$ 0.876 χ^2 /NDF: 578892.9/23

4613.419 $\pm$ 0.680 χ^2 /NDF: 1223364.9/42

4547.578 $\pm$ 0.674 χ^2 /NDF: 847510.5/42

diff_bpm12Y_mean vs slug



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

Left Out: 1.721 ± 0.889 χ^2/NDF : 70.1/24

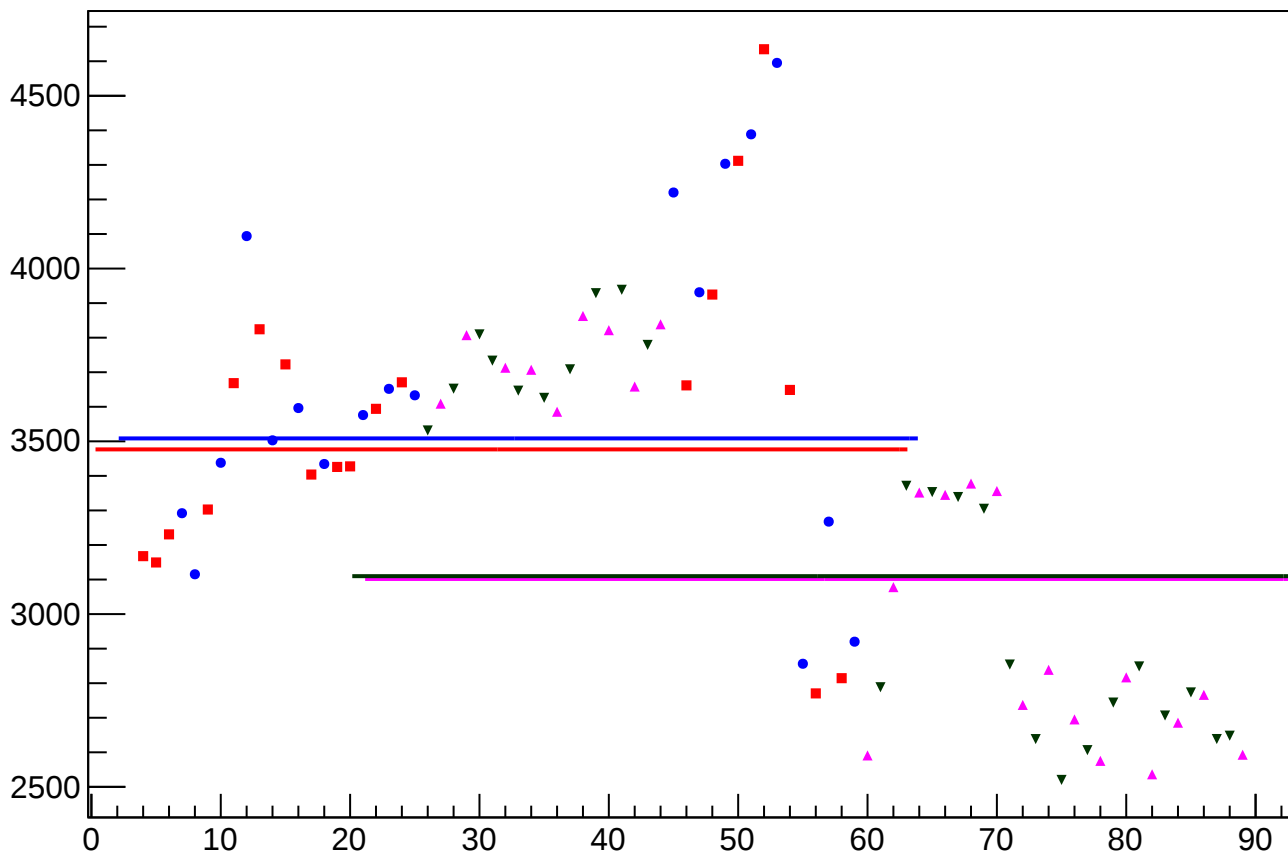
Right Out: -3.927 ± 1.110 χ^2/NDF : 44.2/18

Left In: 1.171 ± 0.861 χ^2/NDF : 44.0/23

2.806 ± 0.680 χ^2/NDF : 94.9/42

-0.744 ± 0.680 χ^2/NDF : 101.4/42

diff_bpm12Y_rms vs slug



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

Left Out: 3109.779 $\pm$ 0.629 χ^2 /NDF: 572726.8/24

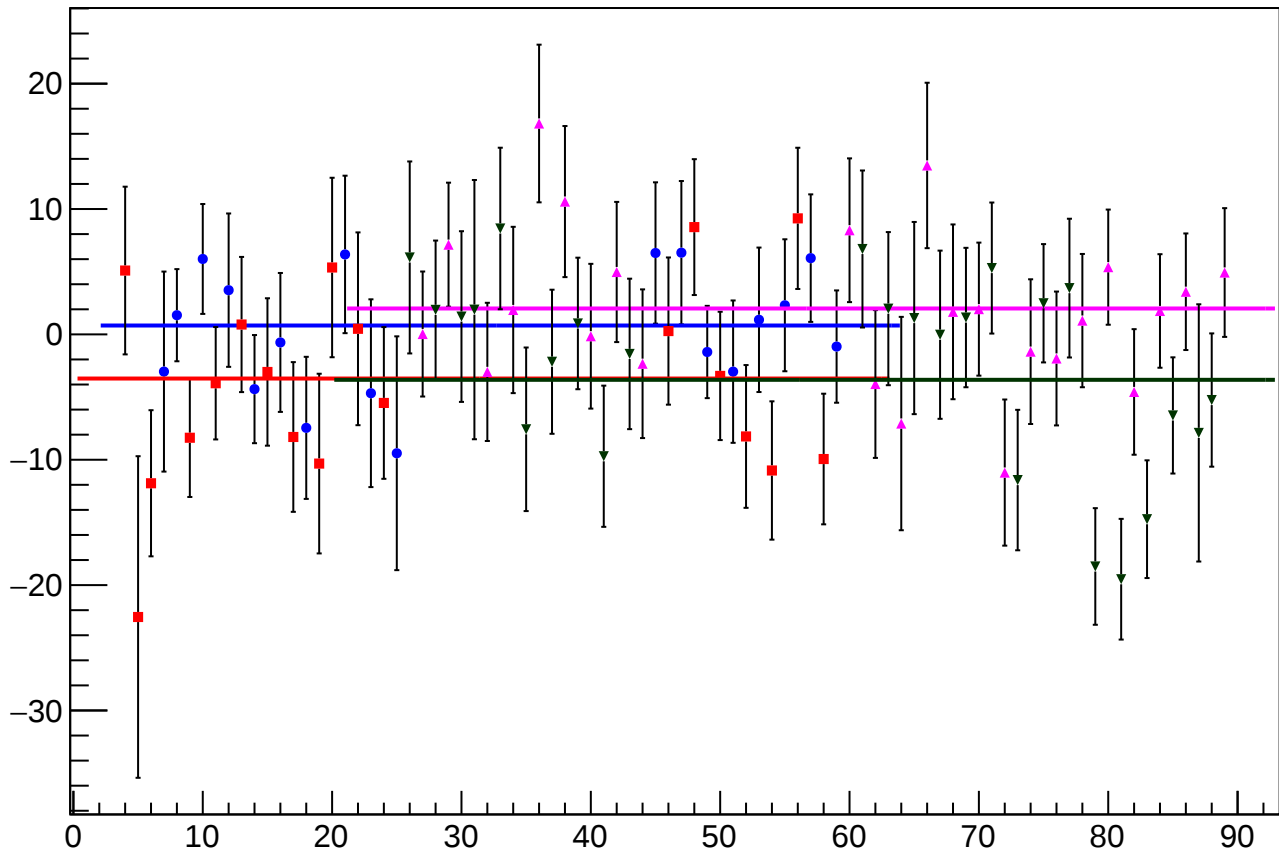
Right Out: 3476.662 $\pm$ 0.785 χ^2 /NDF: 293750.8/18

Left In: 3101.629 $\pm$ 0.609 χ^2 /NDF: 614054.0/23

3275.334 $\pm$ 0.481 χ^2 /NDF: 1123783.9/42

3242.462 $\pm$ 0.481 χ^2 /NDF: 1050414.1/42

diff_bpm16X_mean vs slug



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

Left Out: -3.624 ± 1.154 $\chi^2/\text{NDF}: 50.4/24$

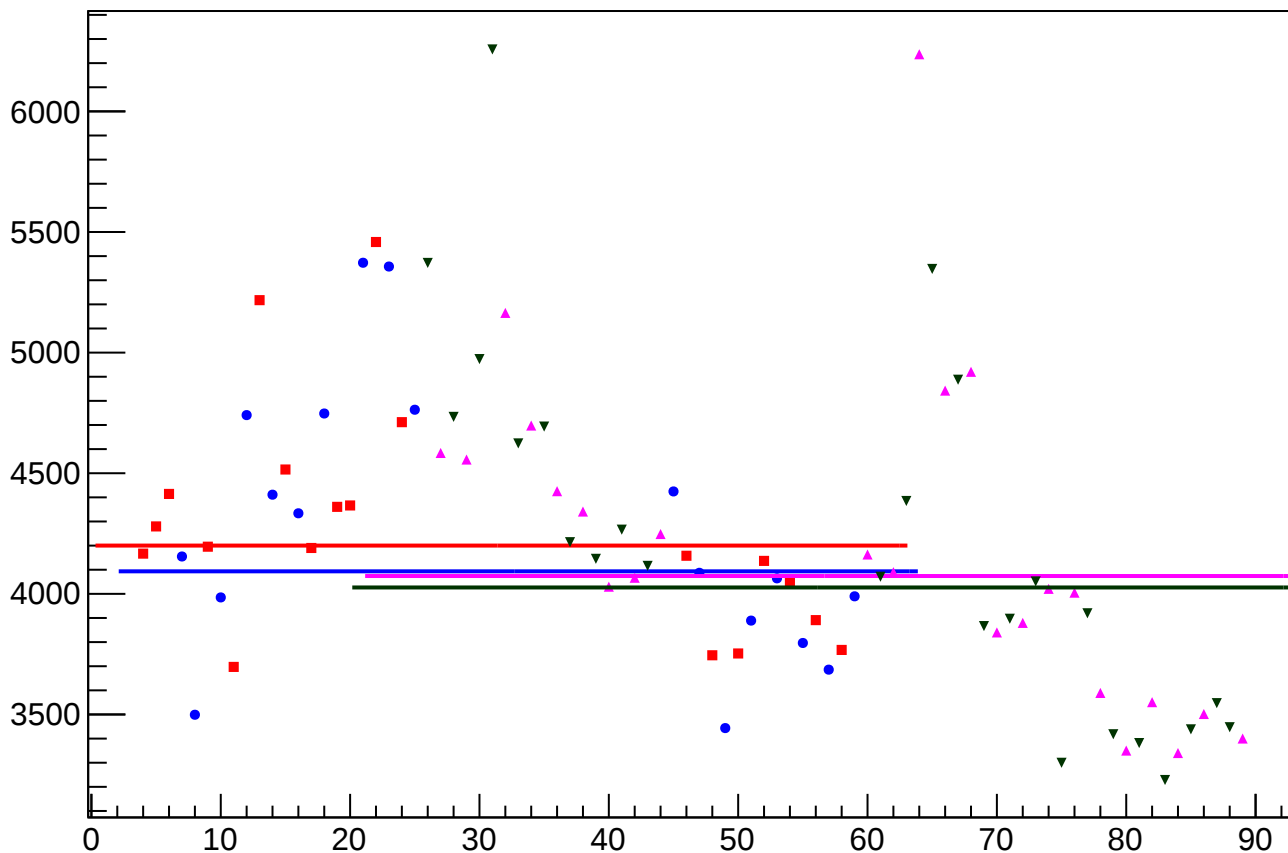
Right Out: -3.522 ± 1.336 $\chi^2/\text{NDF}: 25.4/18$

Left In: 2.066 ± 1.131 $\chi^2/\text{NDF}: 25.6/23$

-1.593 ± 0.841 $\chi^2/\text{NDF}: 69.2/42$

-0.266 ± 0.863 $\chi^2/\text{NDF}: 61.2/42$

diff_bpm16X_rms vs slug



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

Left Out: 4026.473+/-0.816 χ^2/NDF : 610167.6/24

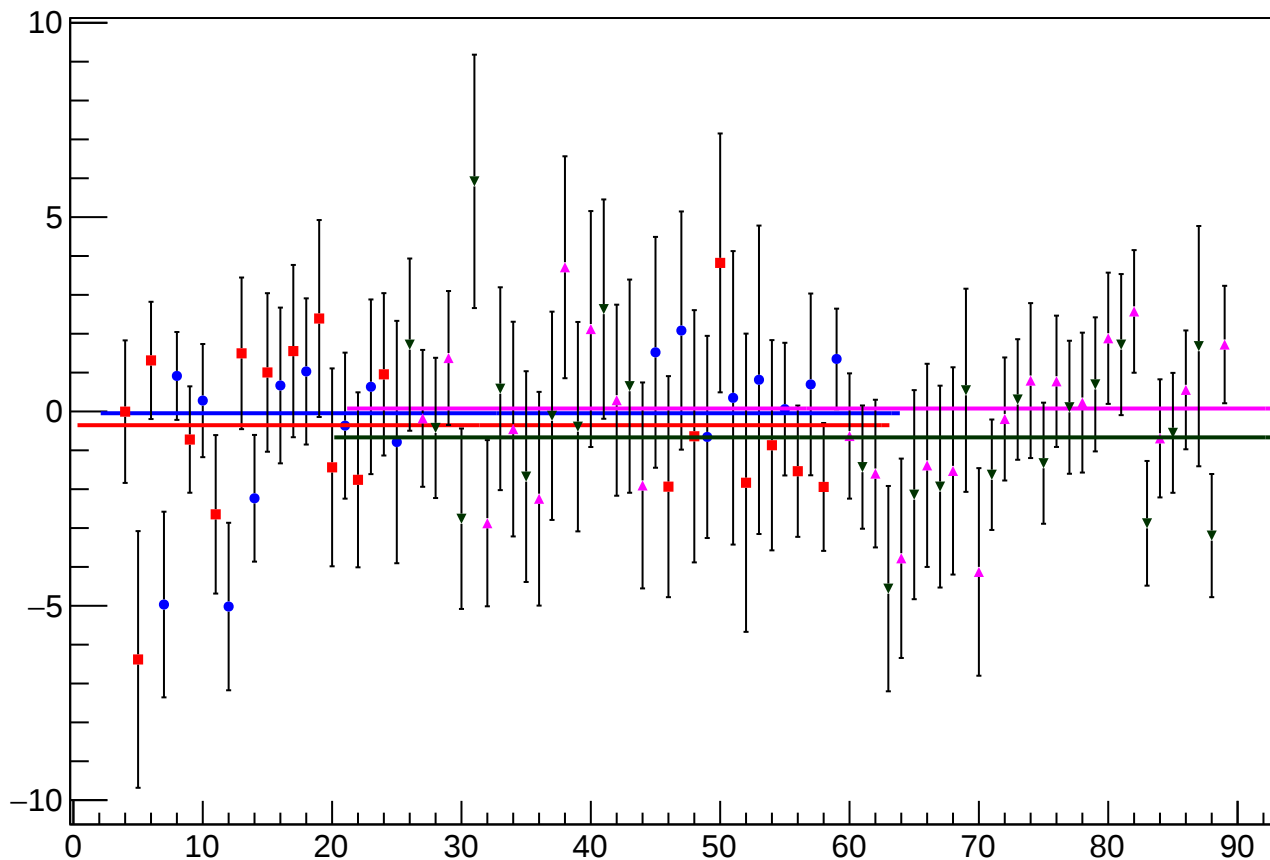
Right Out: 4200.125+/-0.945 χ^2/NDF : 225858.3/18

Left In: 4073.926+/-0.800 χ^2/NDF : 546233.8/23

4057.842+/-0.595 χ^2/NDF : 973015.7/42

4126.595+/-0.610 χ^2/NDF : 782490.3/42

diff_bpm16Y_mean vs slug



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

Left Out: -0.667 ± 0.402 χ^2/NDF : 19.9/24

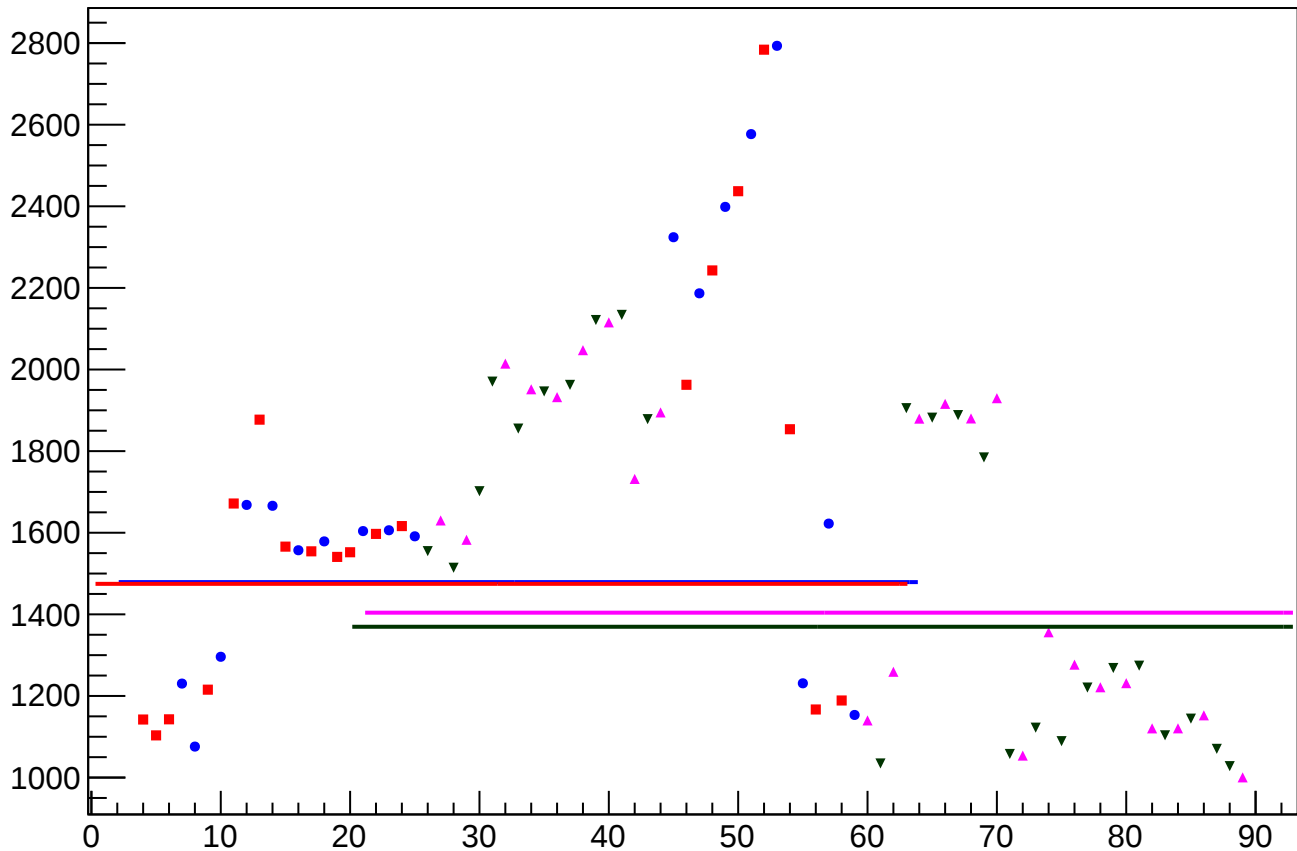
Right Out: -0.354 ± 0.483 χ^2/NDF : 13.6/18

Left In: 0.076 ± 0.399 χ^2/NDF : 17.8/23

-0.397 ± 0.302 χ^2/NDF : 35.8/42

-0.098 ± 0.308 χ^2/NDF : 31.9/42

diff_bpm16Y_rms vs slug



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

Left Out: 1369.591+/-0.284 χ^2/NDF :1587714.8/24

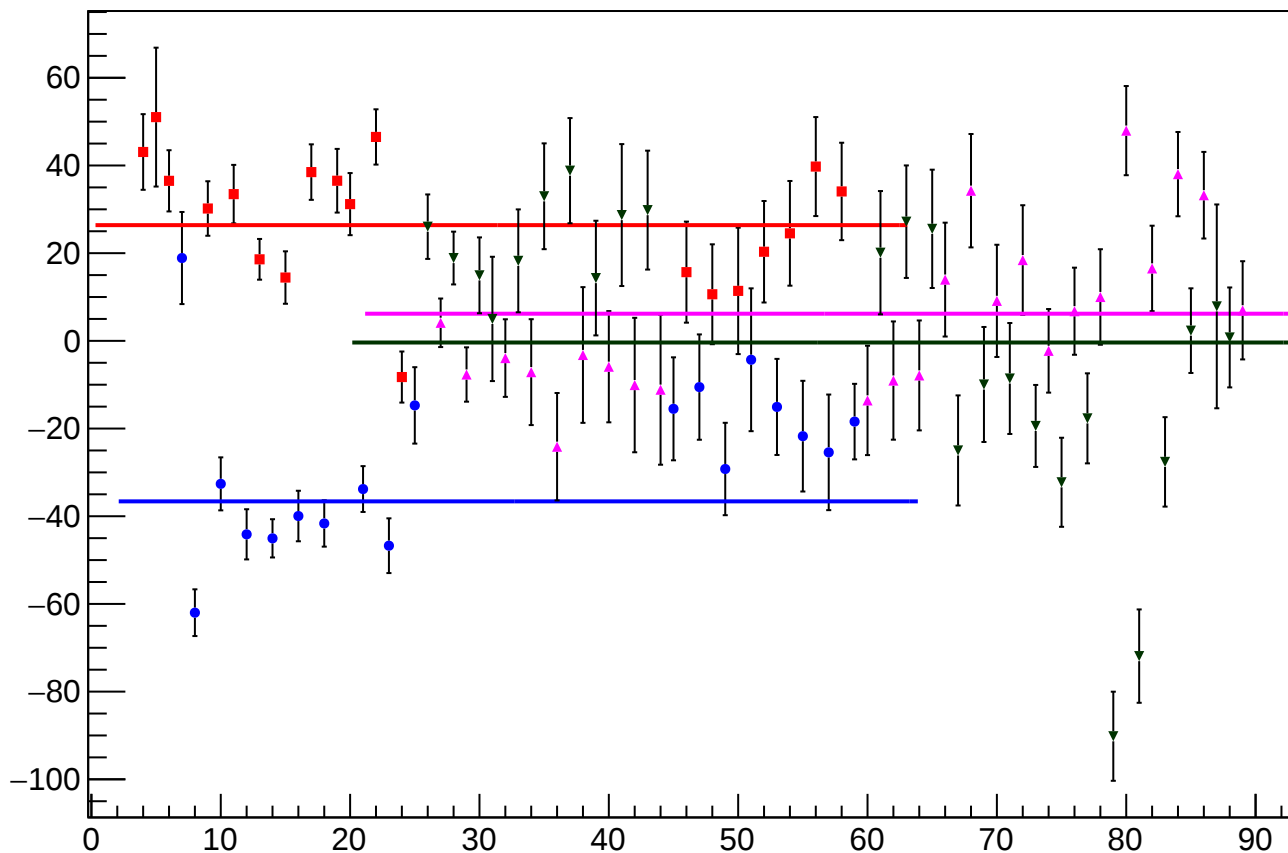
Right Out: 1474.750+/-0.342 χ^2/NDF : 1125200.2/18

Left In: 1404.093+/-0.282 χ^2/NDF :1520357.2/23

1417.131+/-0.214 χ^2/NDF : 3111550.7/42

1432.722+/-0.218 χ^2/NDF : 2670974.8/42

diff_bpm0l01X_mean vs slug



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

Left Out: -0.376 $\pm$ 2.158 χ^2 /NDF:219.3/24

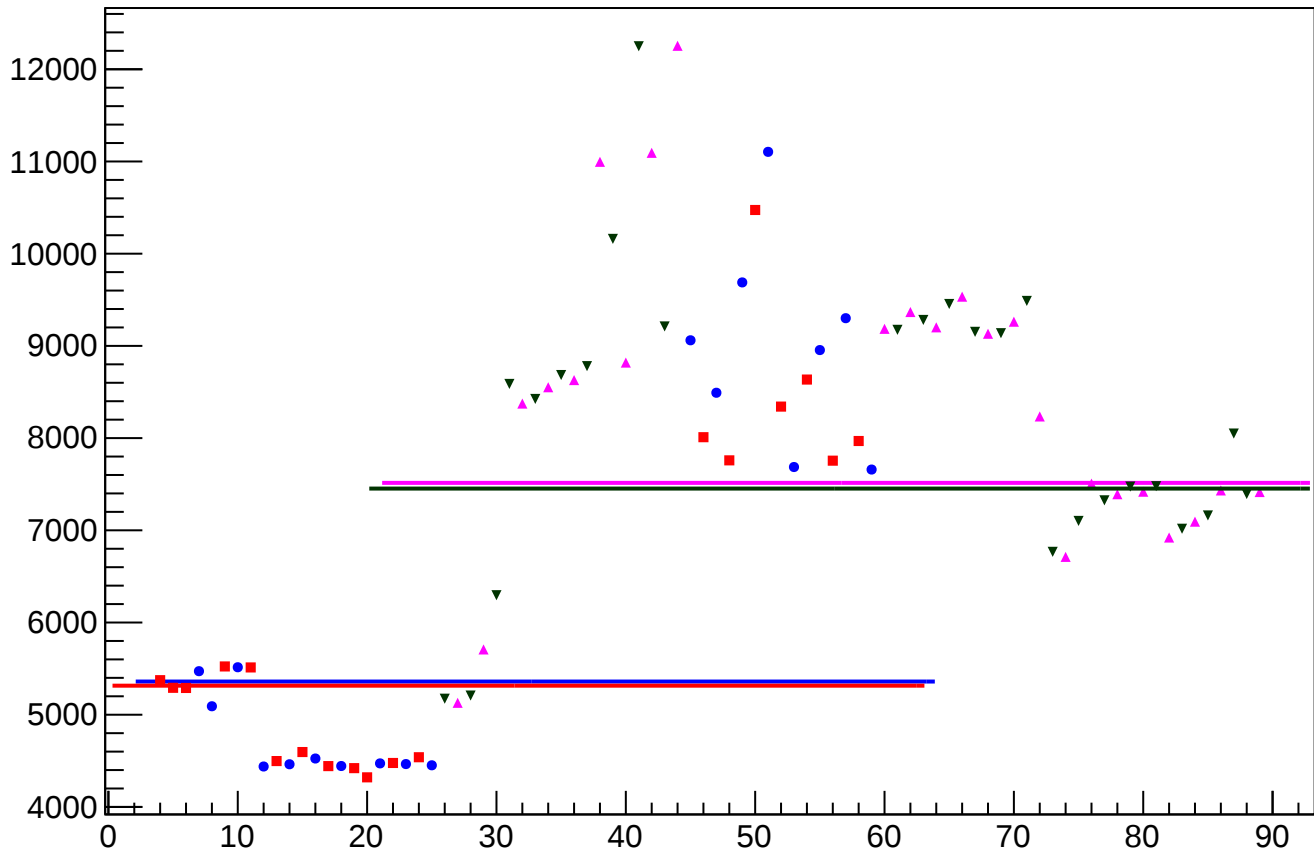
Right Out: 26.394 $\pm$ 1.742 χ^2 /NDF: 74.2/18

Left In: 6.193 $\pm$ 2.110 χ^2 /NDF:65.7/23

-22.999 $\pm$ -1.323 χ^2 /NDF: 485.1/42

18.208 $\pm$ -1.343 χ^2 /NDF: 194.4/42

diff_bpm0l01X_rms vs slug



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

Left Out: 7452.628+/-1.526 χ^2/NDF : 1129140.9/24

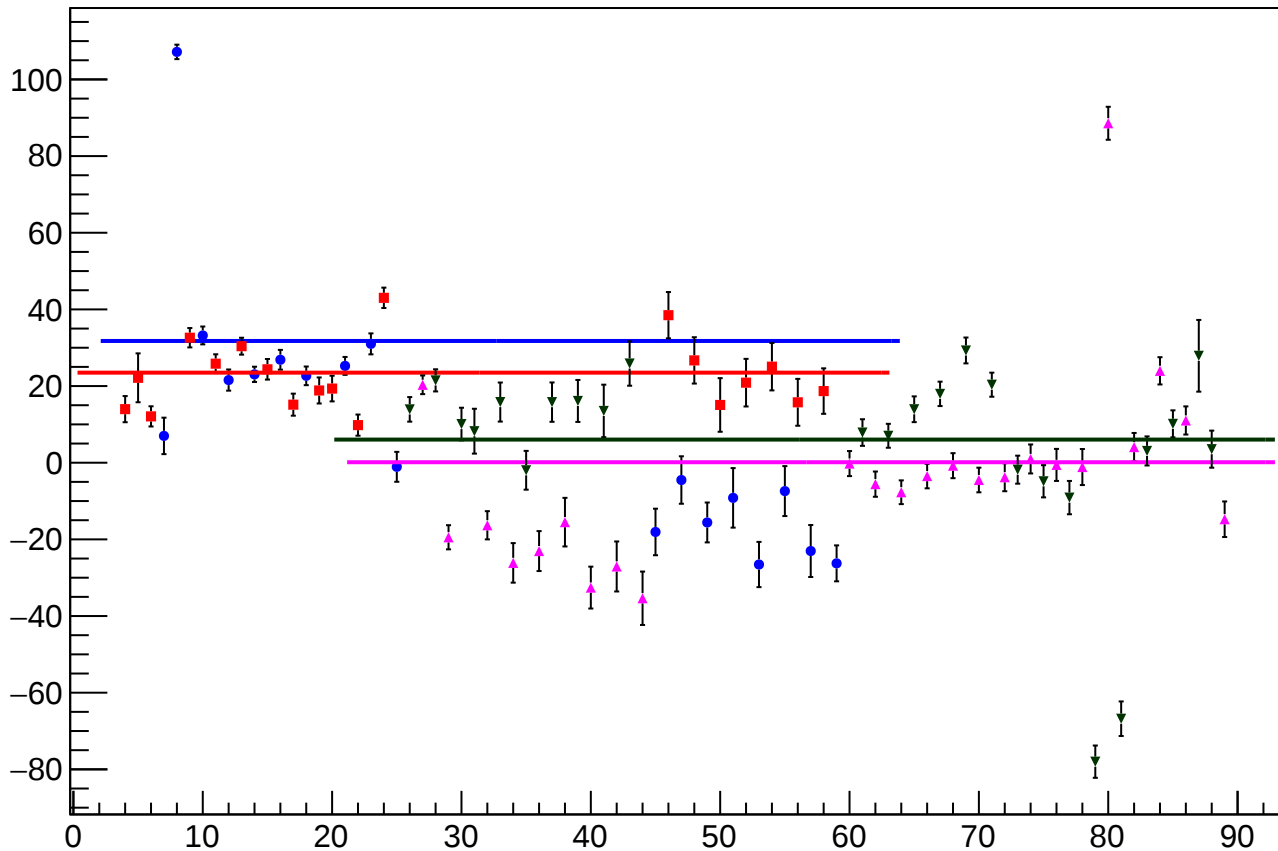
6145.935+/-0.935 χ^2/NDF : 4162962.6/42

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

6206.329+/-0.950 χ^2/NDF : 3757780.6/42

Left In: 7514.451+/-1.492 χ^2/NDF : 1235861.7/23

diff_bpm0l01Y_mean vs slug



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

Left Out: 6.037+/-0.801 χ^2 /NDF:840.0/24

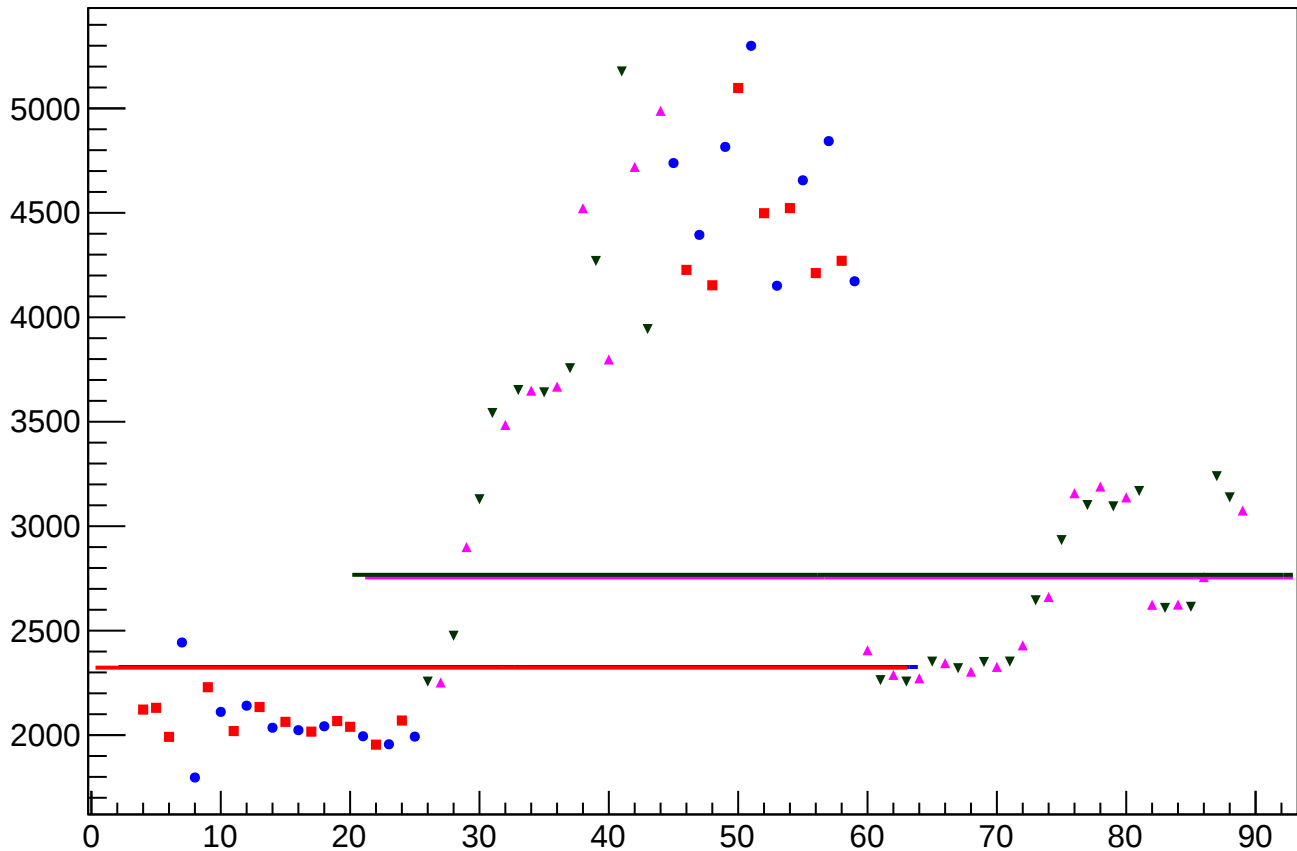
Right Out: 23.500+/-0.773 χ^2 /NDF: 151.3/18

Left In: 0.127+/-0.773 χ^2 /NDF:760.1/23

19.908+/-0.544 χ^2 /NDF: 3719.1/42

11.822+/-0.547 χ^2 /NDF: 1368.6/42

diff_bpm0l01Y_rms vs slug



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

Left Out: 2767.320 $\pm$ 0.567 χ^2 /NDF:1096018.3/24

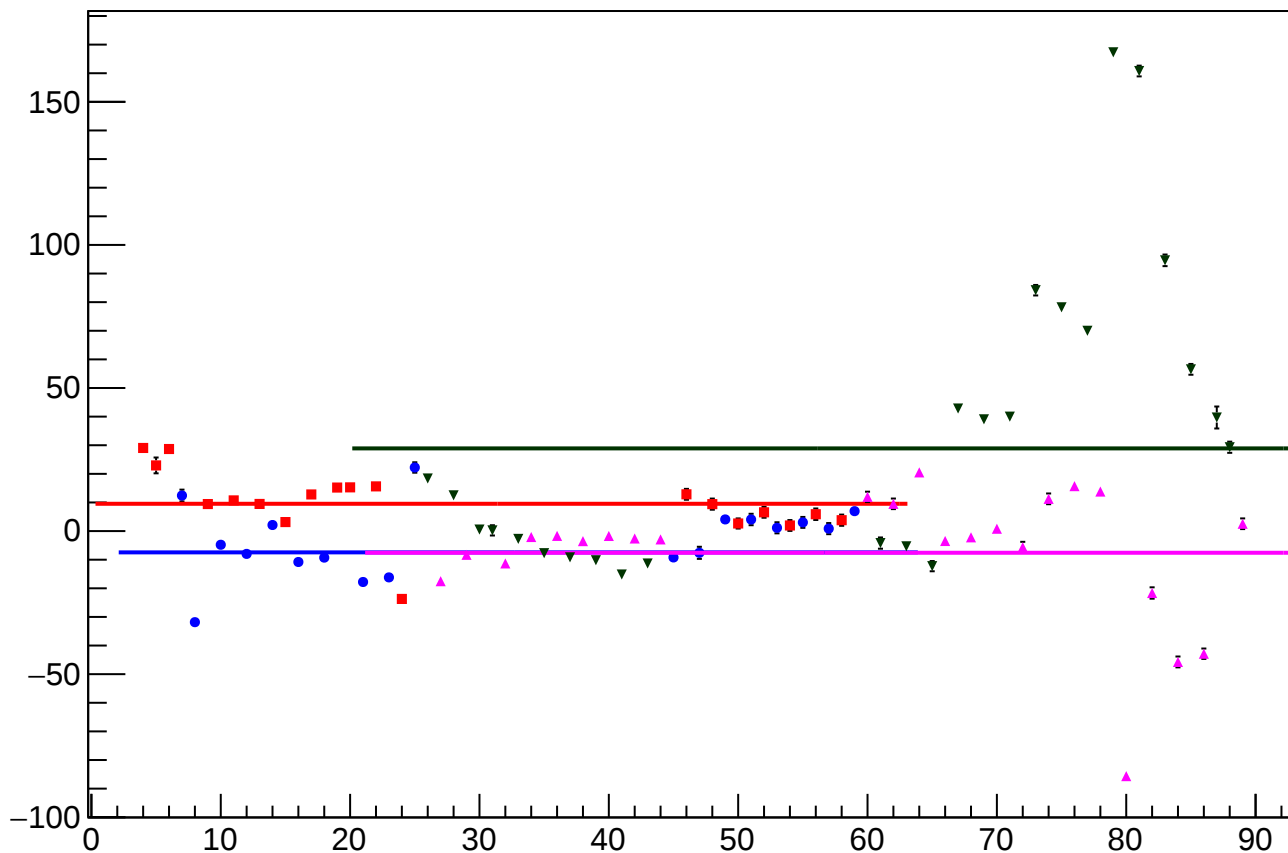
2529.458 $\pm$ 0.385 χ^2 /NDF: 4119582.7/42

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

2538.625 $\pm$ 0.386 χ^2 /NDF: 3329308.7/42

Left In: 2754.653 $\pm$ 0.547 χ^2 /NDF:1206525.9/23

diff_bpm2i01X_mean vs slug



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

Left Out: 28.893+/-0.325 χ^2/NDF : 22415.6/24

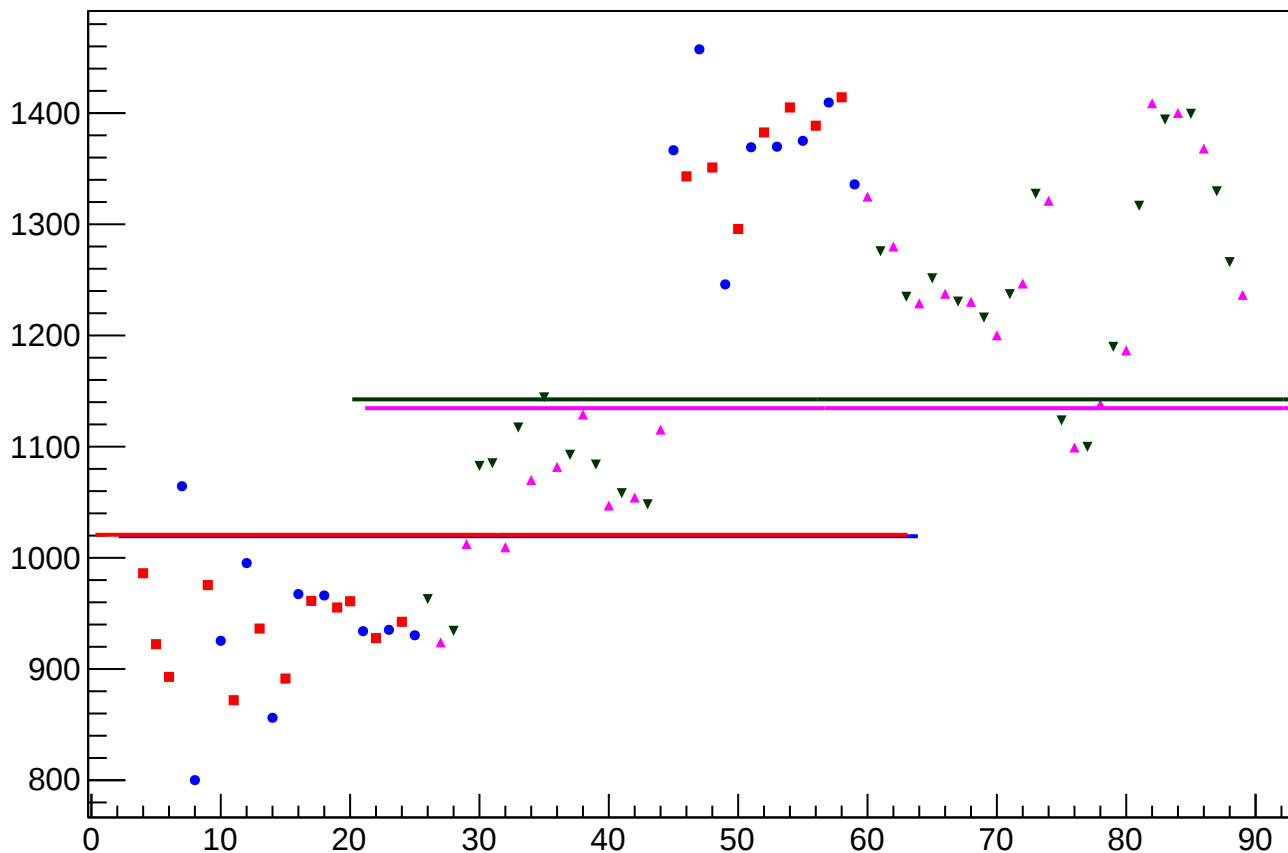
Right Out: 9.540+/-0.328 χ^2/NDF : 1327.8/18

Left In: -7.576+/-0.313 χ^2/NDF : 4385.7/23

9.858+/-0.224 χ^2/NDF : 30713.4/42

0.599+/-0.226 χ^2/NDF : 7139.2/42

diff_bpm2i01X_rms vs slug



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

Left Out: 1142.540+/-0.230 χ^2/NDF : 294648.8/24

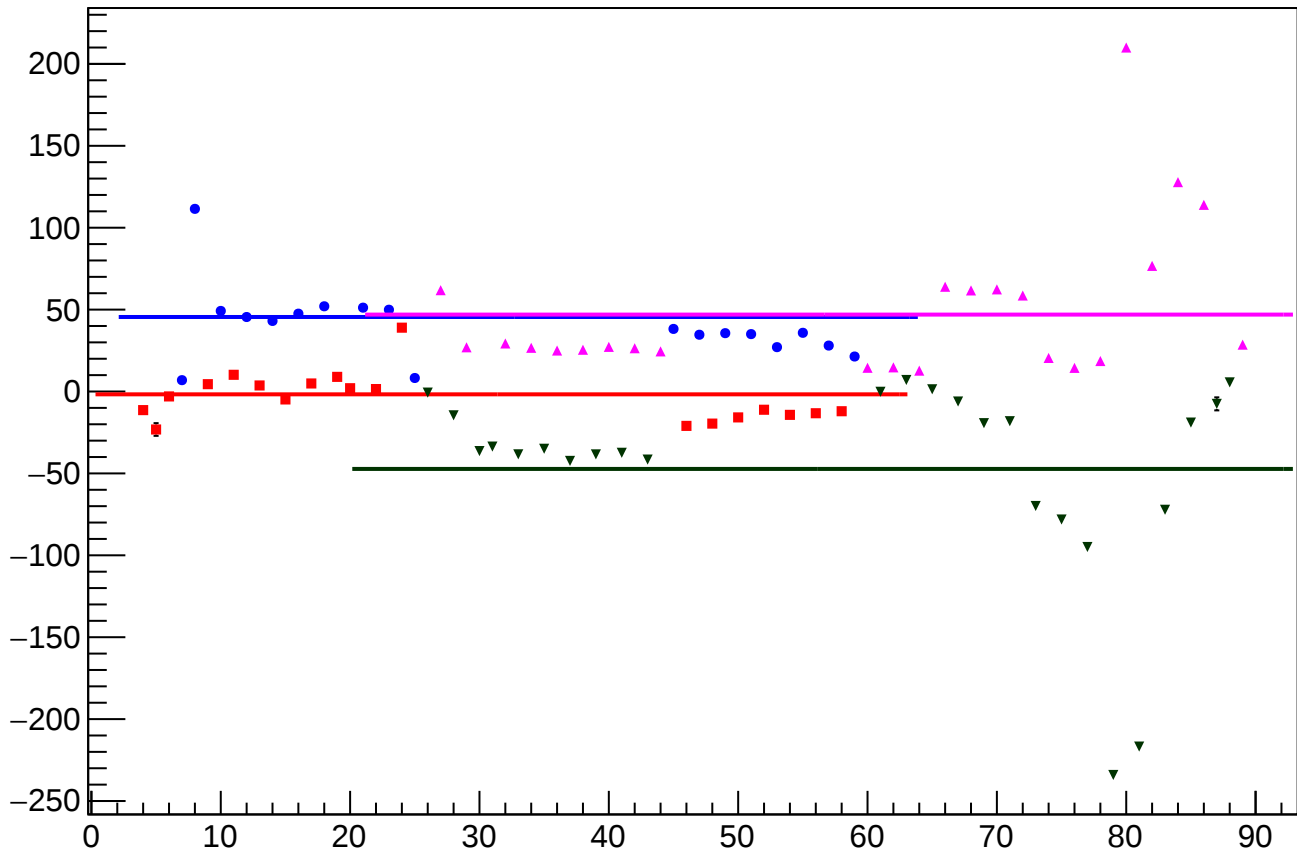
Right Out: 1020.749+/-0.232 χ^2/NDF : 605072.5/18

Left In: 1134.592+/-0.222 χ^2/NDF : 364418.3/23

1078.042+/-0.159 χ^2/NDF : 1297785.3/42

1080.217+/-0.160 χ^2/NDF : 1095637.1/42

diff_bpm2i01Y_mean vs slug



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

Left Out: -47.264+/-0.367 χ^2/NDF : 25713.1/24

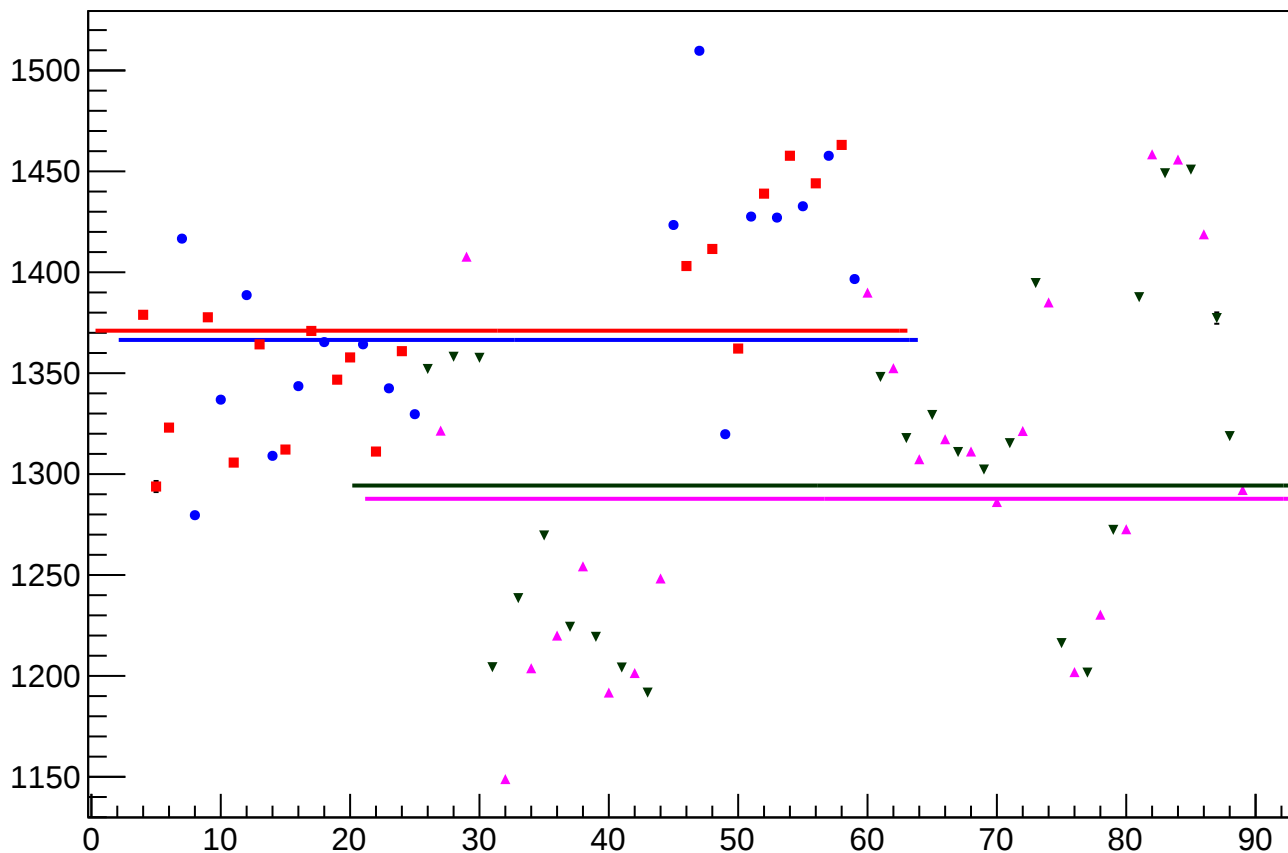
Right Out: -1.724+/-0.434 χ^2/NDF : 1071.7/18

Left In: 46.956+/-0.354 χ^2/NDF : 15400.5/23

-5.822+/-0.273 χ^2/NDF : 57719.5/42

27.522+/-0.274 χ^2/NDF : 24032.8/42

diff_bpm2i01Y_rms vs slug



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

Left Out: 1294.331 ± 0.259 χ^2/NDF : 83492.7/24

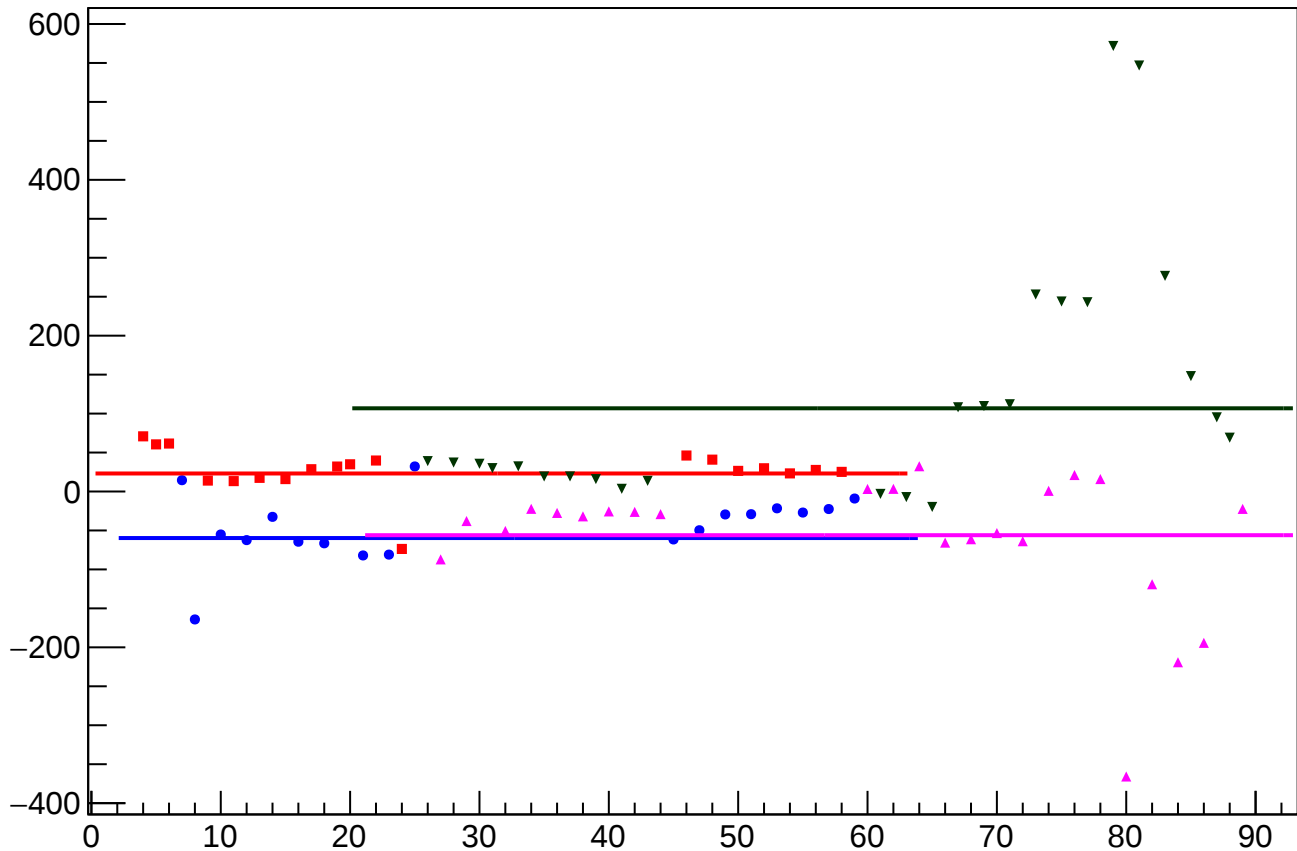
Right Out: 1371.055 ± 0.307 χ^2/NDF : 24860.5/18

Left In: 1287.759 ± 0.250 χ^2/NDF : 121681.1/23

1326.562 ± 0.193 χ^2/NDF : 156729.5/42

1321.013 ± 0.194 χ^2/NDF : 190814.1/42

diff_bpm2i02X_mean vs slug



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

Left Out: 106.782 $\pm$ 0.338 χ^2 /NDF:198318.4/24

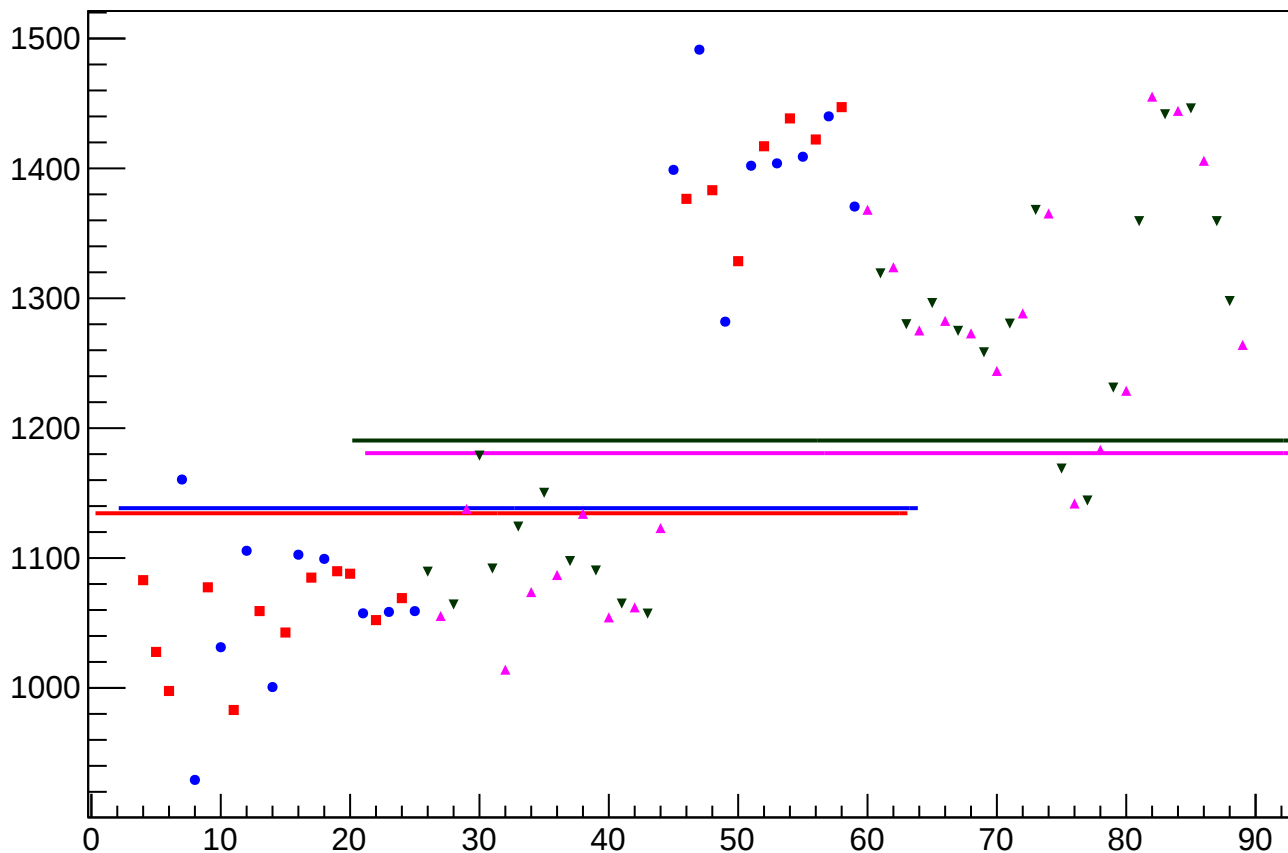
Right Out: 23.126 $\pm$ 0.362 χ^2 /NDF: 7355.2/18

Left In: -56.081 $\pm$ 0.326 χ^2 /NDF:60385.2/23

24.714 $\pm$ 0.241 χ^2 /NDF: 336511.2/42

-20.632 $\pm$ 0.242 χ^2 /NDF: 94218.1/42

diff_bpm2i02X_rms vs slug



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

Left Out: 1190.494 $\pm$ 0.239 χ^2 /NDF: 230654.4/24

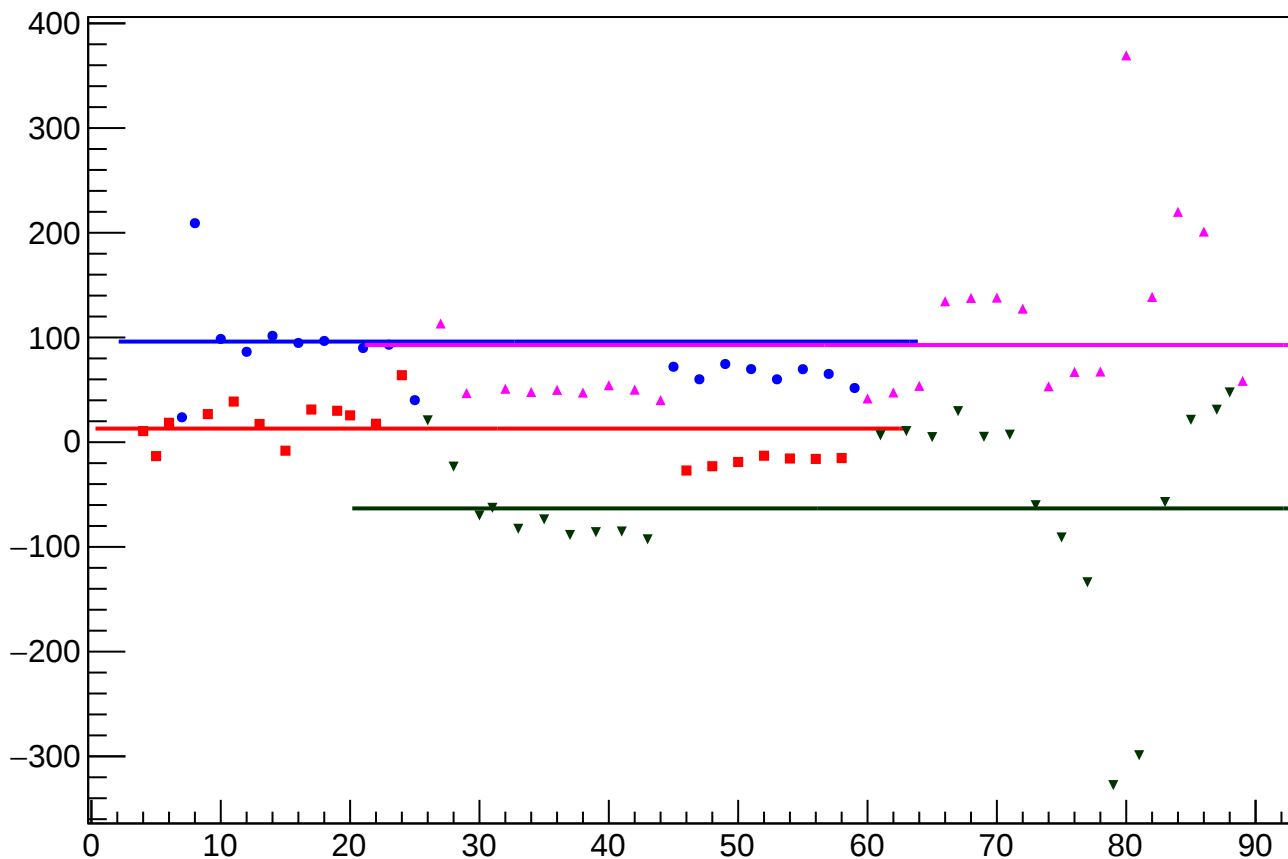
Right Out: 1134.479 $\pm$ 0.256 χ^2 /NDF: 360721.2/18

Left In: 1180.765 $\pm$ 0.230 χ^2 /NDF: 308227.8/23

1164.825 $\pm$ 0.170 χ^2 /NDF: 742097.5/42

1160.050 $\pm$ 0.171 χ^2 /NDF: 687032.8/42

diff_bpm2i02Y_mean vs slug



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

Left Out: -63.235+/-0.332 χ^2 /NDF: 68499.3/24

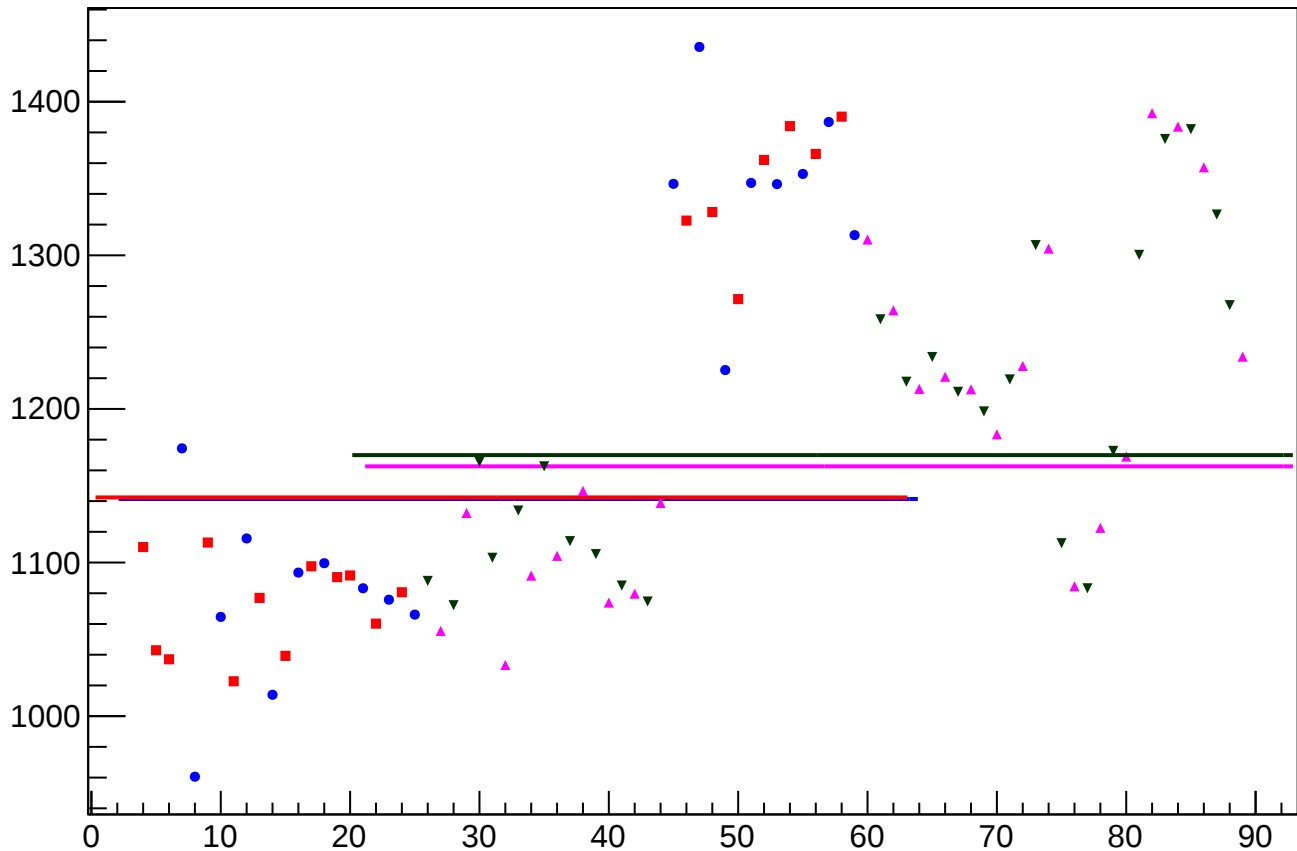
Right Out: 12.992+/-0.363 χ^2 /NDF: 4541.3/18

Left In: 92.792+/-0.320 χ^2 /NDF: 52354.4/23

13.819+/-0.238 χ^2 /NDF: 197121.4/42

57.934+/-0.240 χ^2 /NDF: 84073.7/42

diff_bpm2i02Y_rms vs slug



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

Left Out: 1169.934+/-0.235 χ^2/NDF : 141017.0/24

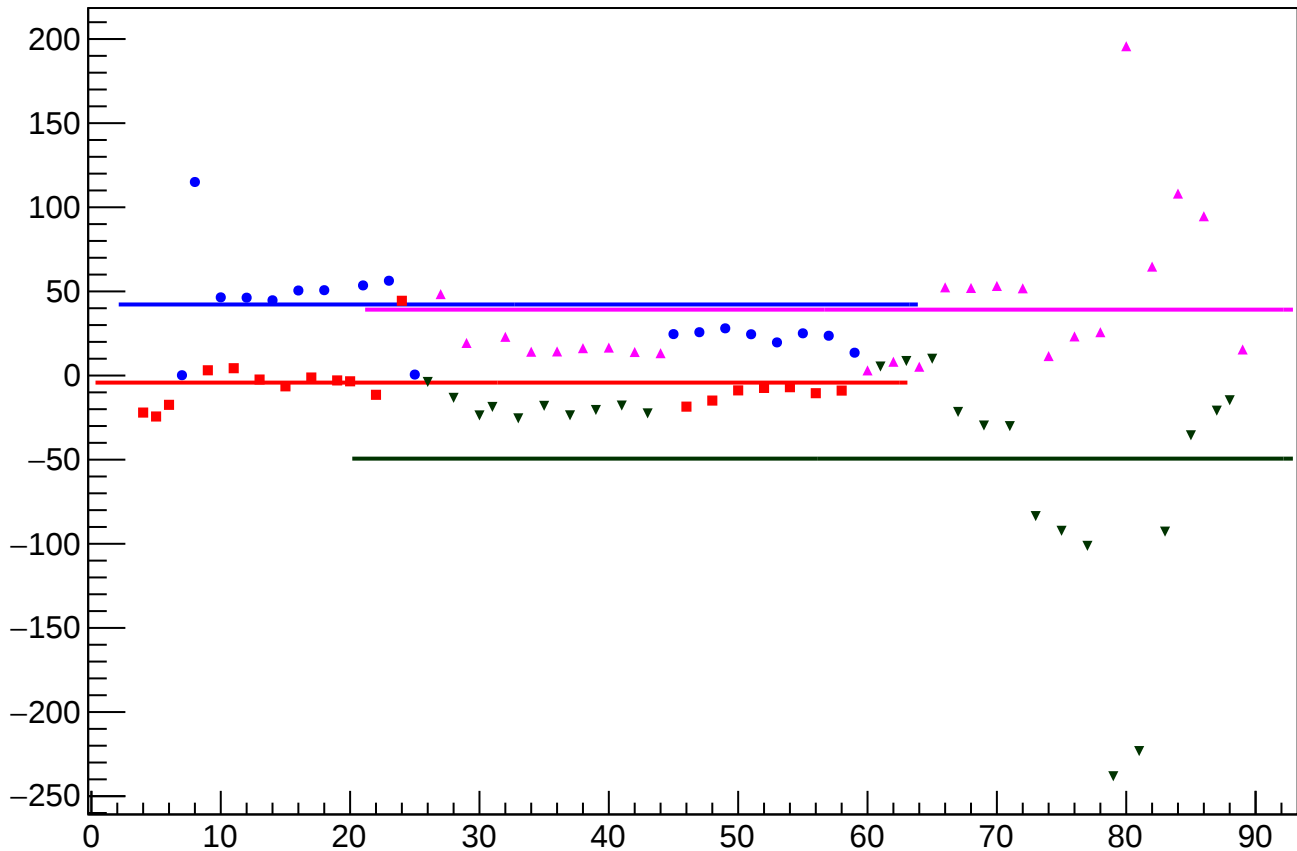
Right Out: 1142.390+/-0.257 χ^2/NDF : 236212.3/18

Left In: 1162.629+/-0.226 χ^2/NDF : 196606.6/23

1156.125+/-0.169 χ^2/NDF : 477486.2/42

1153.788+/-0.170 χ^2/NDF : 436315.5/42

diff_bpm1i04X_mean vs slug



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

Left Out: -49.383+/-0.205 χ^2/NDF : 99376.7/24

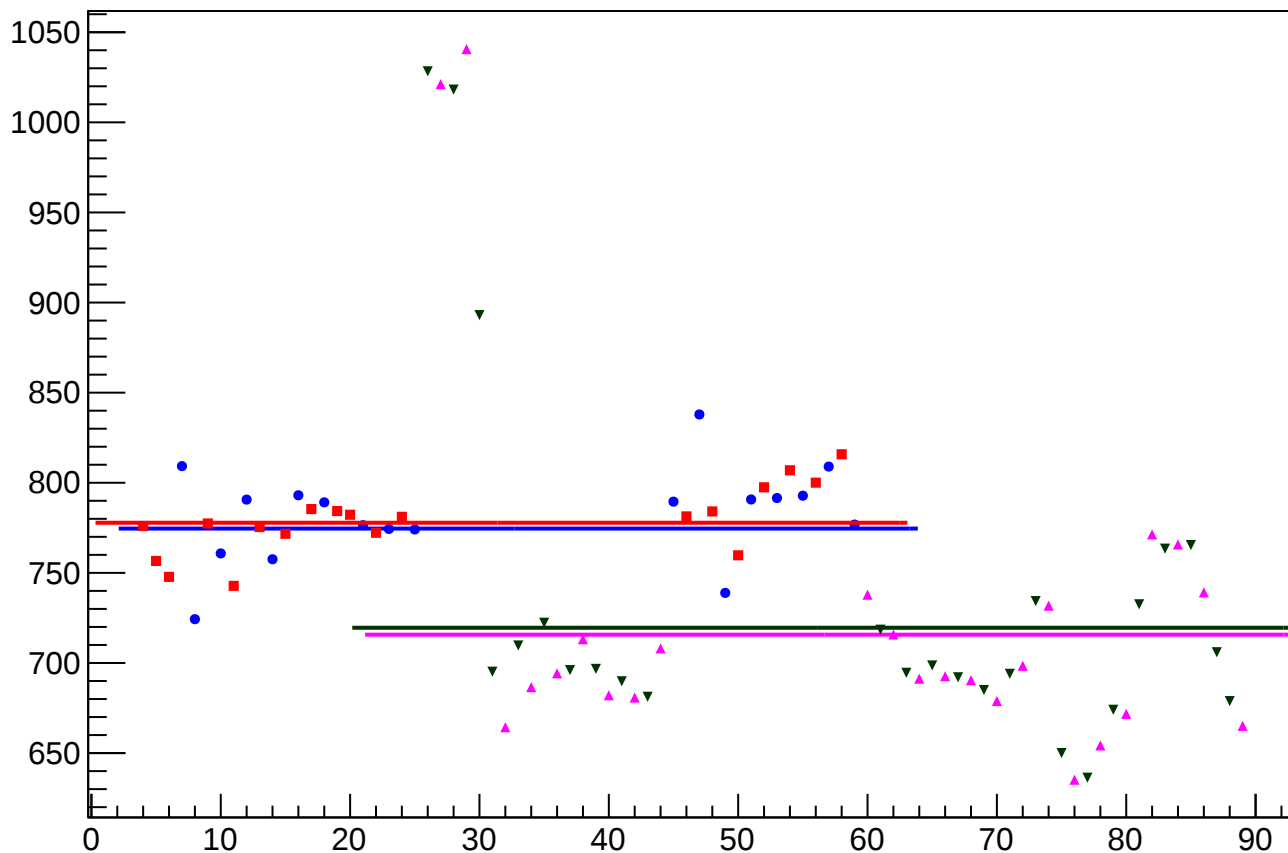
Right Out: -4.198+/-0.246 χ^2/NDF : 3378.3/18

Left In: 39.165+/-0.198 χ^2/NDF : 47743.2/23

-9.033+/-0.153 χ^2/NDF : 201771.9/42

22.143+/-0.154 χ^2/NDF : 70030.6/42

diff_bpm1i04X_rms vs slug



Right In: 774.583 $\pm$ 0.163 χ^2 /NDF: 26360.5/17

Left Out: 719.545 $\pm$ 0.145 χ^2 /NDF:318823.7/24

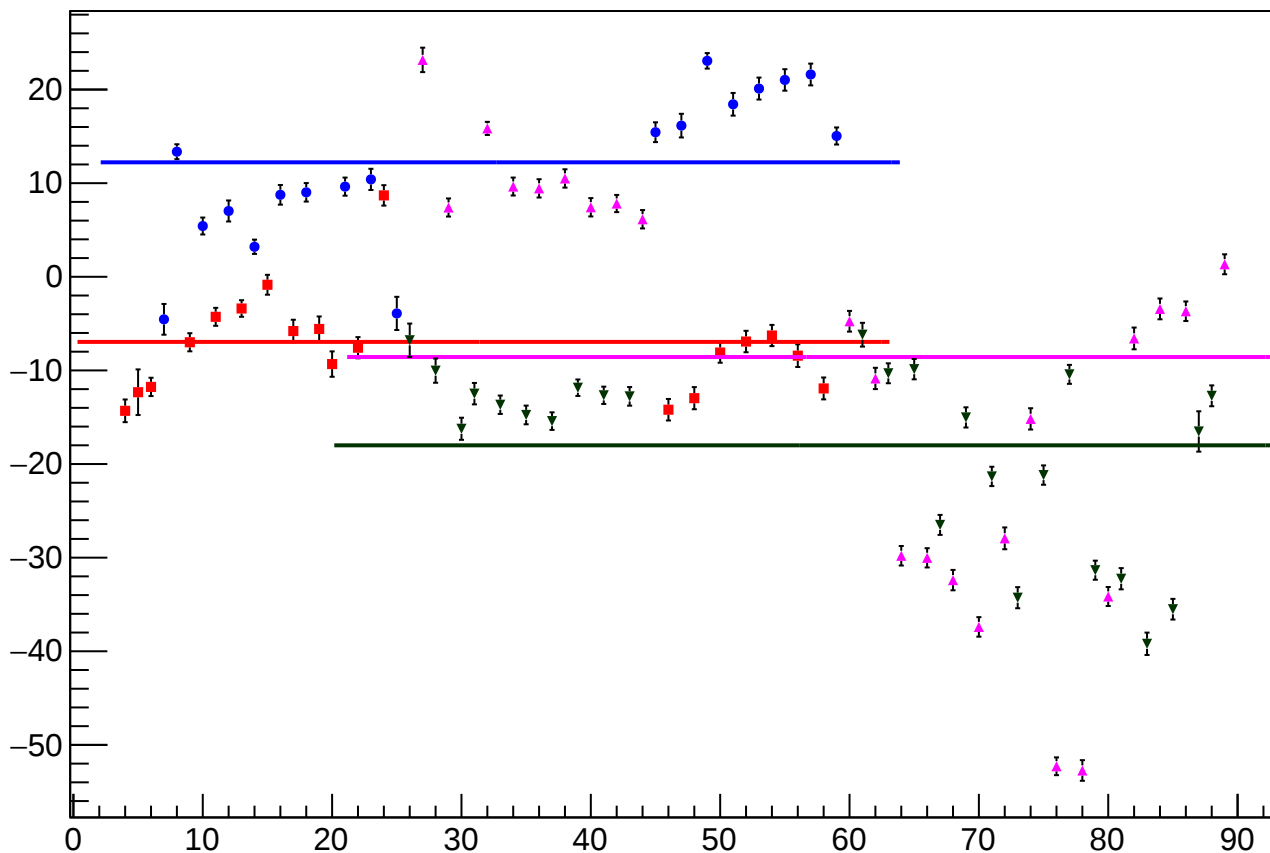
Right Out: 777.816 $\pm$ 0.174 χ^2 /NDF: 11180.5/18

Left In: 715.708 $\pm$ 0.140 χ^2 /NDF:394106.8/23

743.785 $\pm$ 0.108 χ^2 /NDF: 408775.4/42

740.089 $\pm$ 0.109 χ^2 /NDF: 482869.2/42

diff_bpm1i04Y_mean vs slug



Right In: 12.227 ± 0.244 χ^2/NDF : 832.9/17

Left Out: -18.002 ± 0.218 χ^2/NDF : 1719.2/24

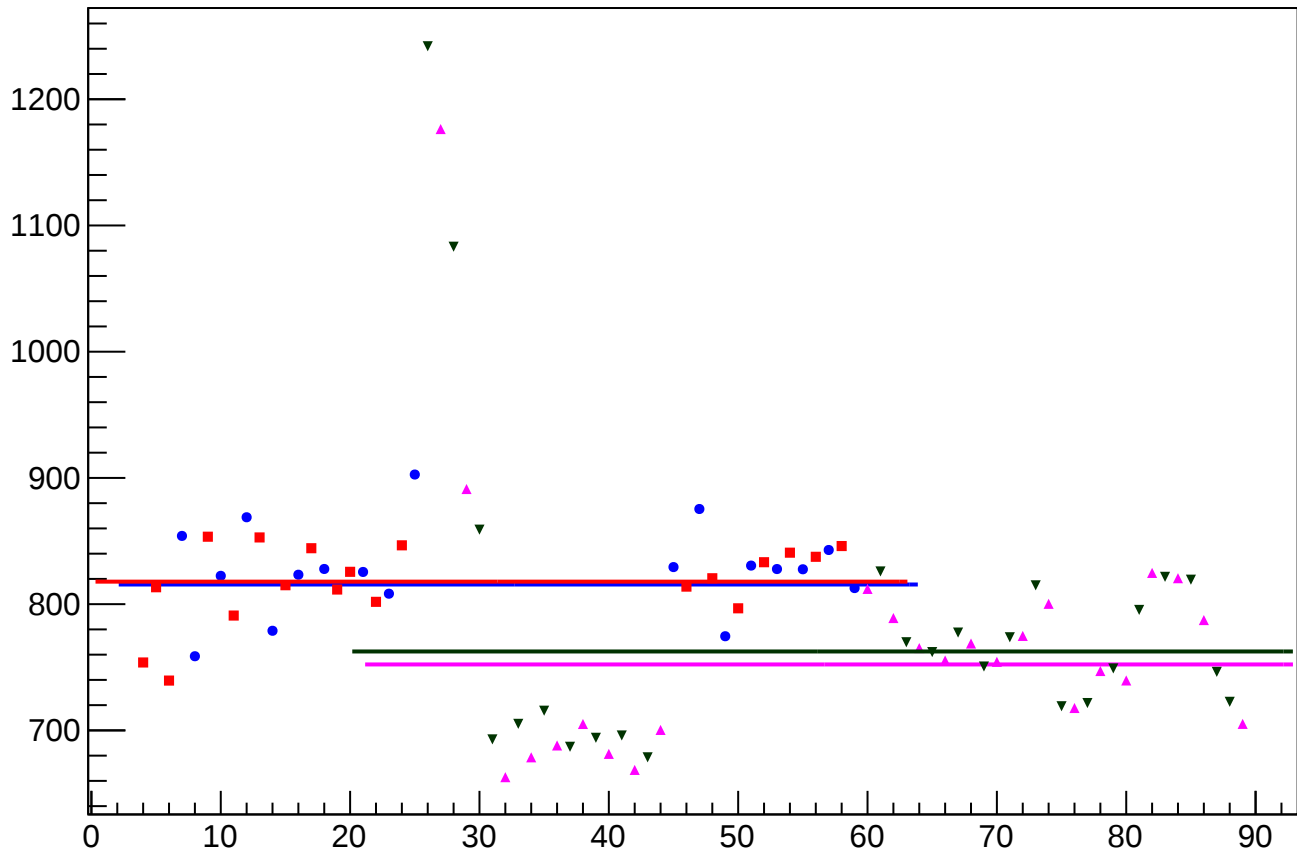
Right Out: -6.954 ± 0.259 χ^2/NDF : 420.8/18

Left In: -8.570 ± 0.208 χ^2/NDF : 10872.7/23

-4.554 ± 0.162 χ^2/NDF : 11107.5/42

-7.936 ± 0.162 χ^2/NDF : 11317.2/42

diff_bpm1i04Y_rms vs slug



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

Left Out: 762.522+/-0.154 χ^2/NDF : 381023.8/24

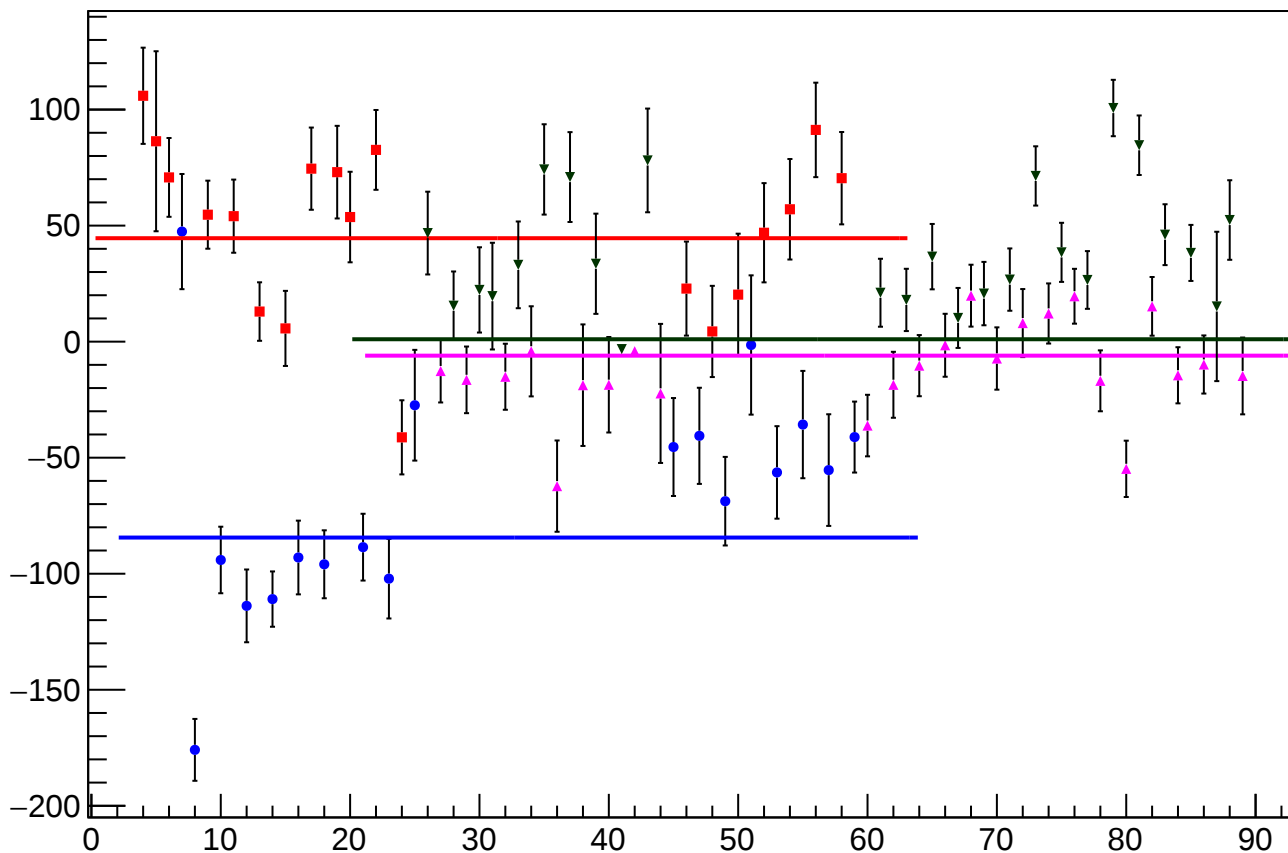
786.123+/-0.115 χ^2/NDF : 471370.2/42

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

777.964+/-0.115 χ^2/NDF : 490362.5/42

Left In: 752.243+/-0.147 χ^2/NDF : 379997.0/23

diff_bpm0l02X_mean vs slug



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

Left Out: 1.033 ± 0.937 χ^2/NDF : 272.0/24

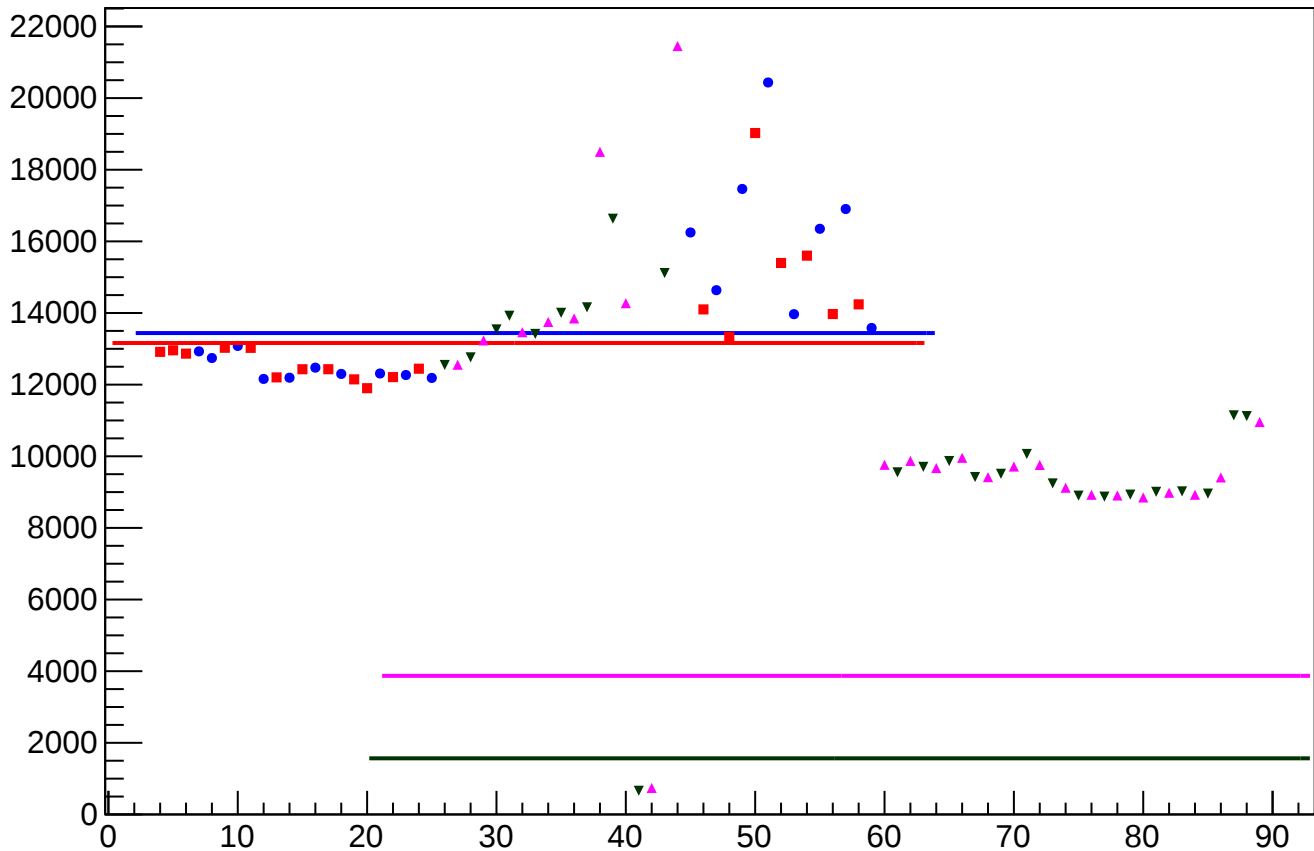
Right Out: 44.573 ± 4.203 χ^2/NDF : 77.6/18

Left In: -6.035 ± 1.697 χ^2/NDF : 49.2/23

-3.286 ± 0.913 χ^2/NDF : 816.7/42

1.058 ± 1.573 χ^2/NDF : 251.4/42

diff_bpm0l02X_rms vs slug



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

Left Out: 1566.989+/-0.662 χ^2/NDF :19129763.1/24

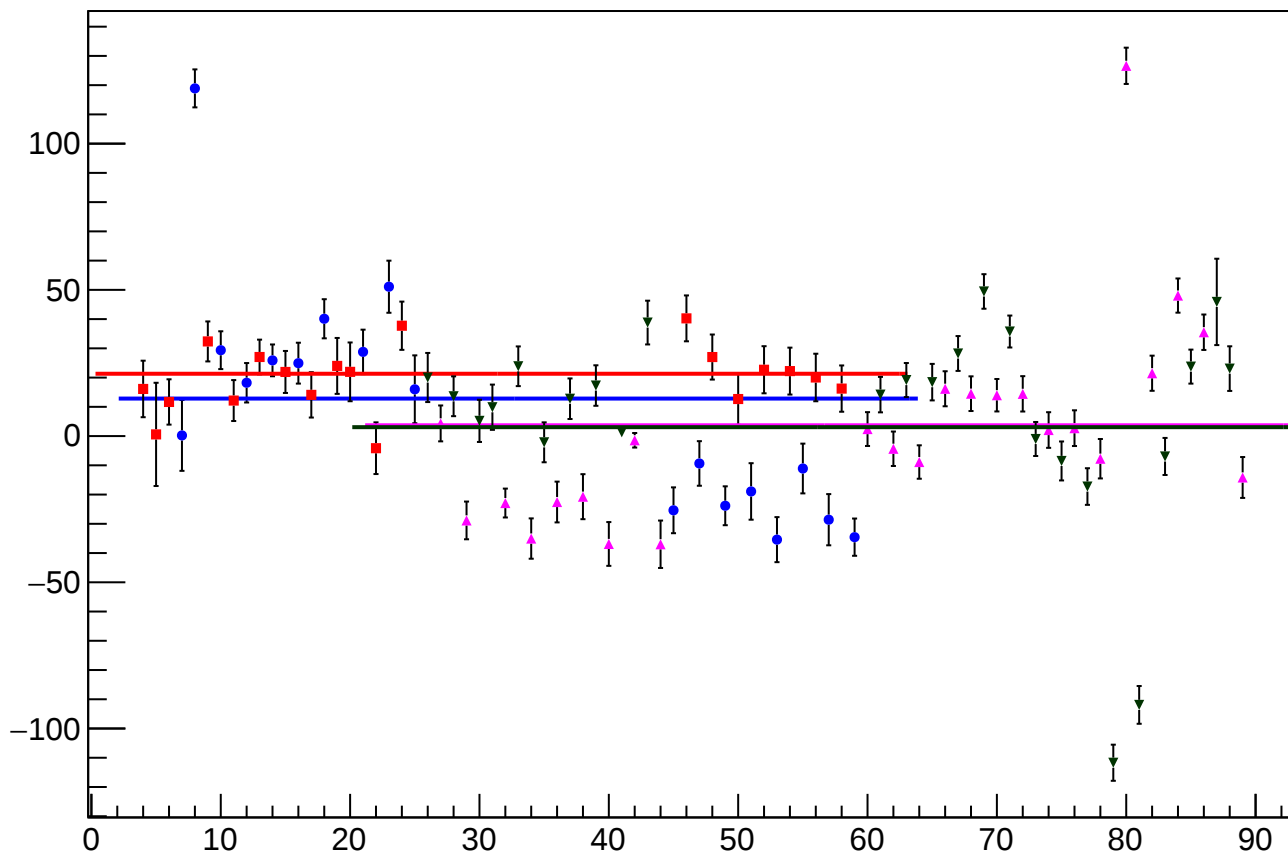
Right Out: 13162.769+/-2.972 χ^2/NDF : 204436.9/18

Left In: 3869.999+/-1.200 χ^2/NDF :15400901.3/23

2167.087+/-0.645 χ^2/NDF : 35774424.5/42

5172.538+/-1.113 χ^2/NDF : 24013415.7/42

diff_bpm0l02Y_mean vs slug



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

Left Out: 3.047 ± 0.915 $\chi^2/\text{NDF}: 787.1/24$

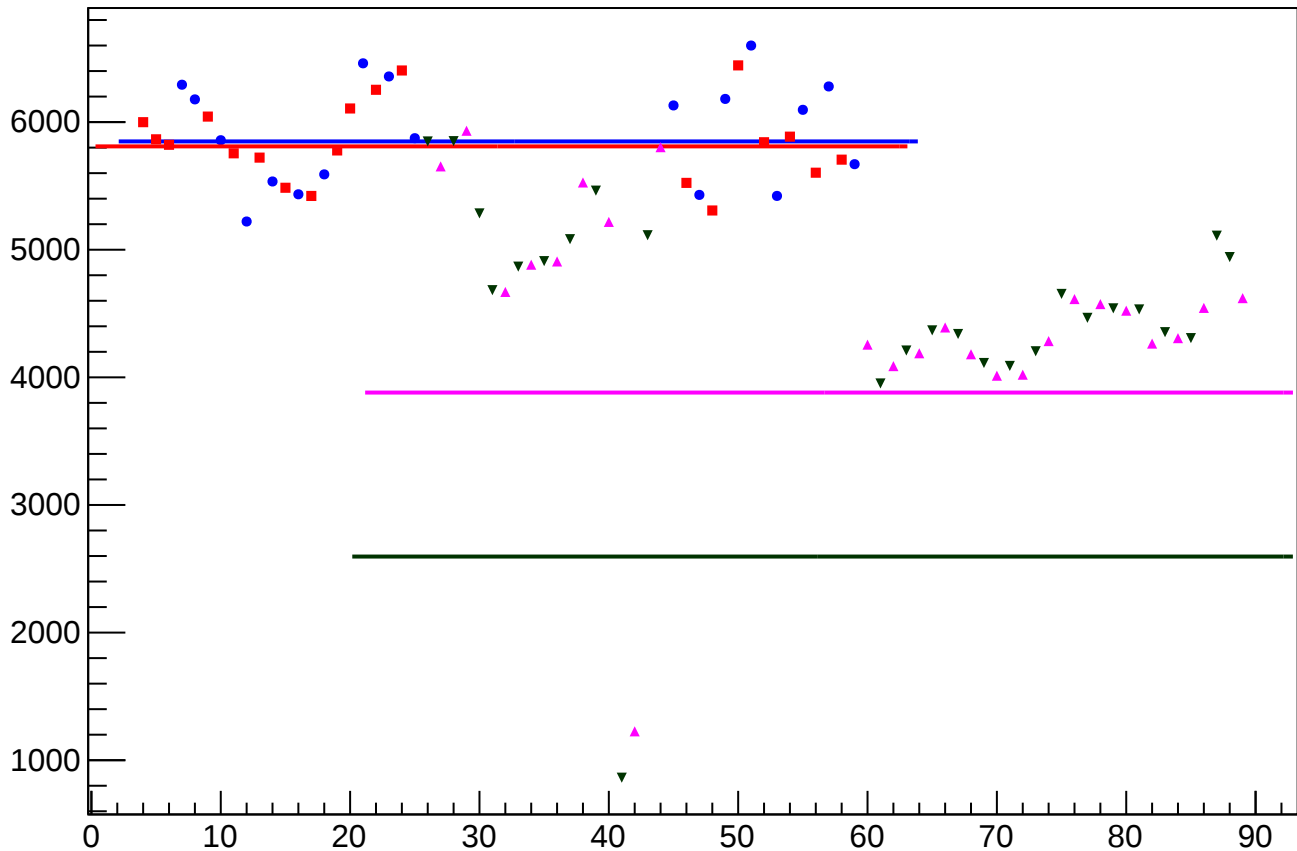
Right Out: 21.314 ± 1.847 $\chi^2/\text{NDF}: 29.5/18$

Left In: 3.692 ± 1.150 $\chi^2/\text{NDF}: 686.1/23$

5.141 ± 0.811 $\chi^2/\text{NDF}: 1333.3/42$

8.615 ± 0.976 $\chi^2/\text{NDF}: 781.2/42$

diff_bpm0l02Y_rms vs slug



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

Left Out: 2595.811+/-0.647 χ^2/NDF : 8671655.2/24

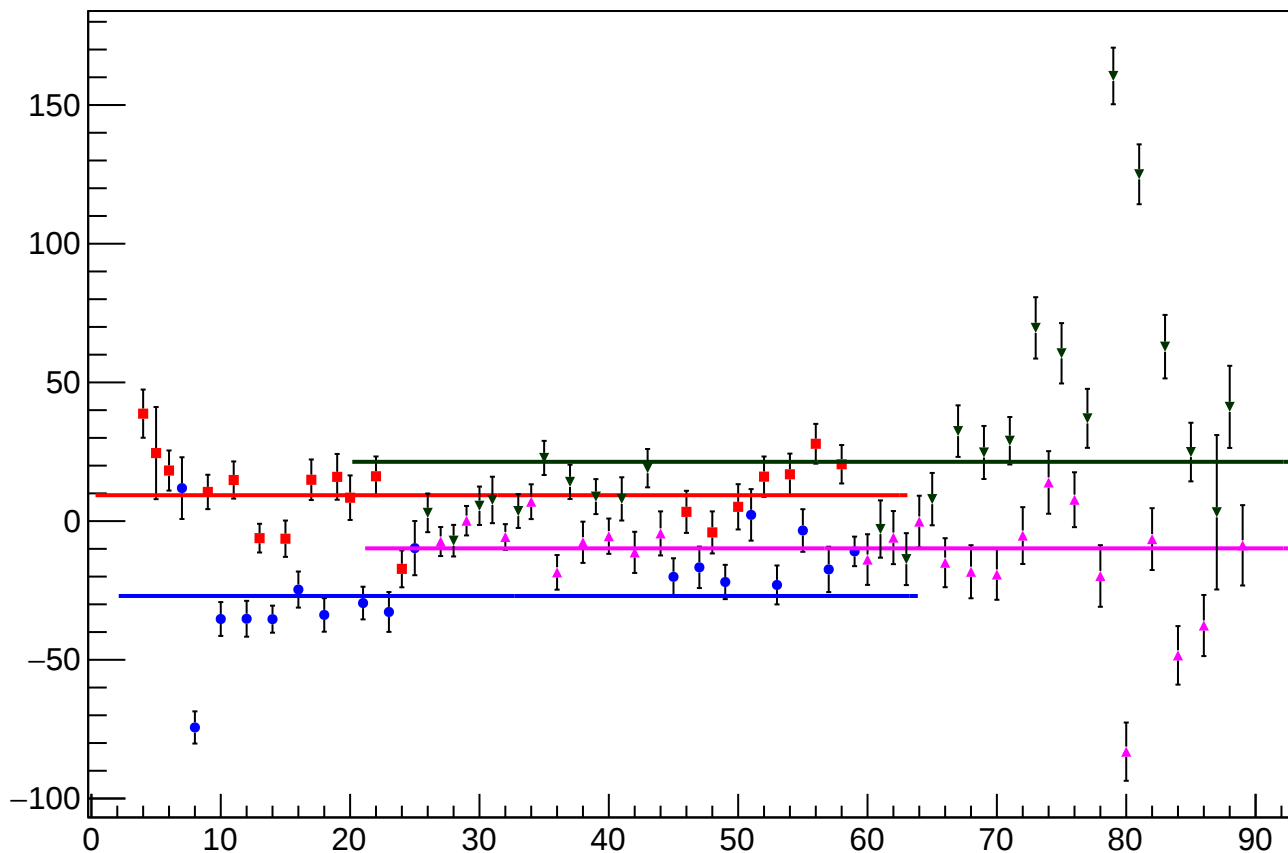
Right Out: 5809.767+/-1.306 χ^2/NDF : 53321.4/18

Left In: 3880.785+/-0.813 χ^2/NDF : 3230344.1/23

3292.281+/-0.573 χ^2/NDF : 14188743.1/42

4419.619+/-0.690 χ^2/NDF : 4855798.9/42

diff_bpm0l03X_mean vs slug



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

Left Out: 21.376 ± 1.660 $\chi^2/\text{NDF}: 408.6/24$

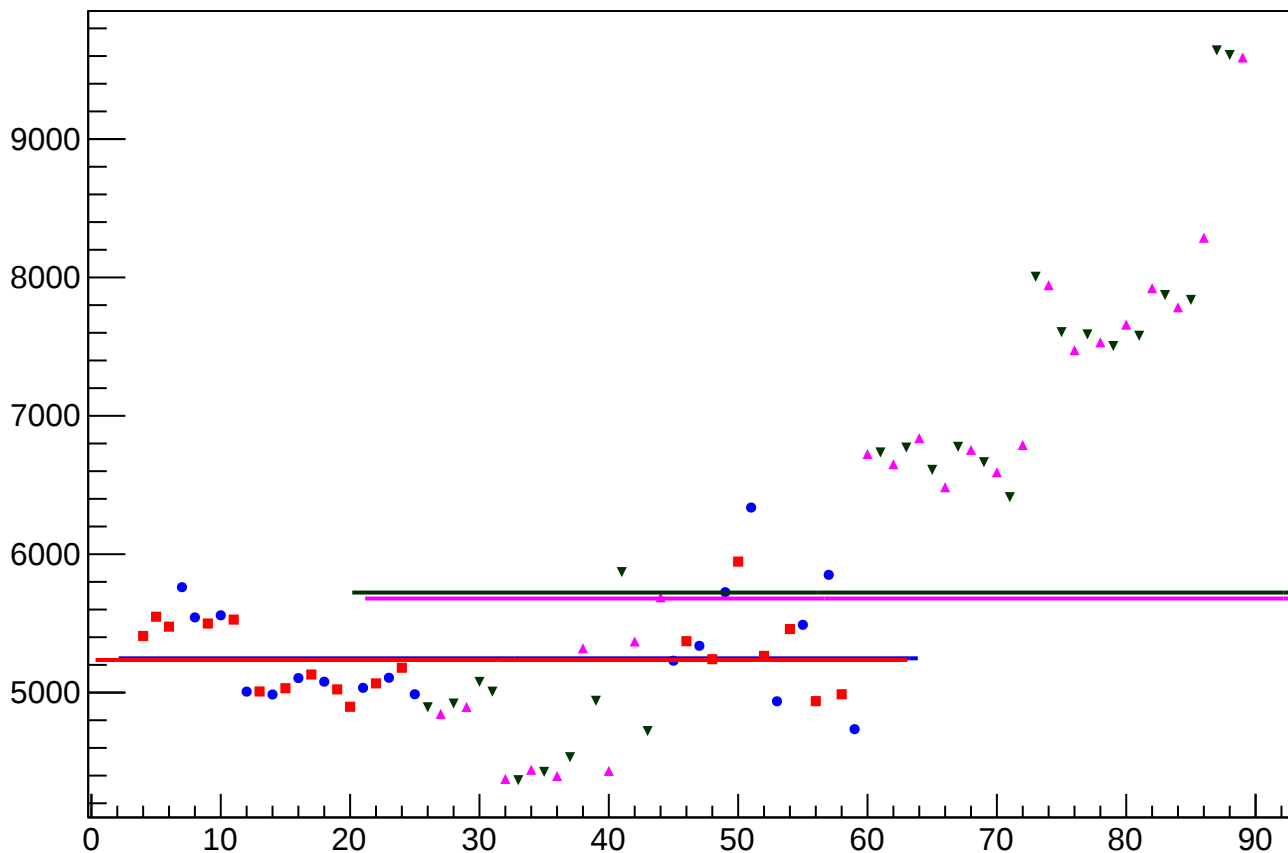
Right Out: 9.337 ± 1.659 $\chi^2/\text{NDF}: 62.4/18$

Left In: -9.820 ± 1.598 $\chi^2/\text{NDF}: 95.5/23$

-4.161 ± 1.140 $\chi^2/\text{NDF}: 981.3/42$

-0.604 ± 1.151 $\chi^2/\text{NDF}: 227.1/42$

diff_bpm0l03X_rms vs slug



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

Left Out: 5722.809+/-1.174 χ^2/NDF : 1210069.1/24

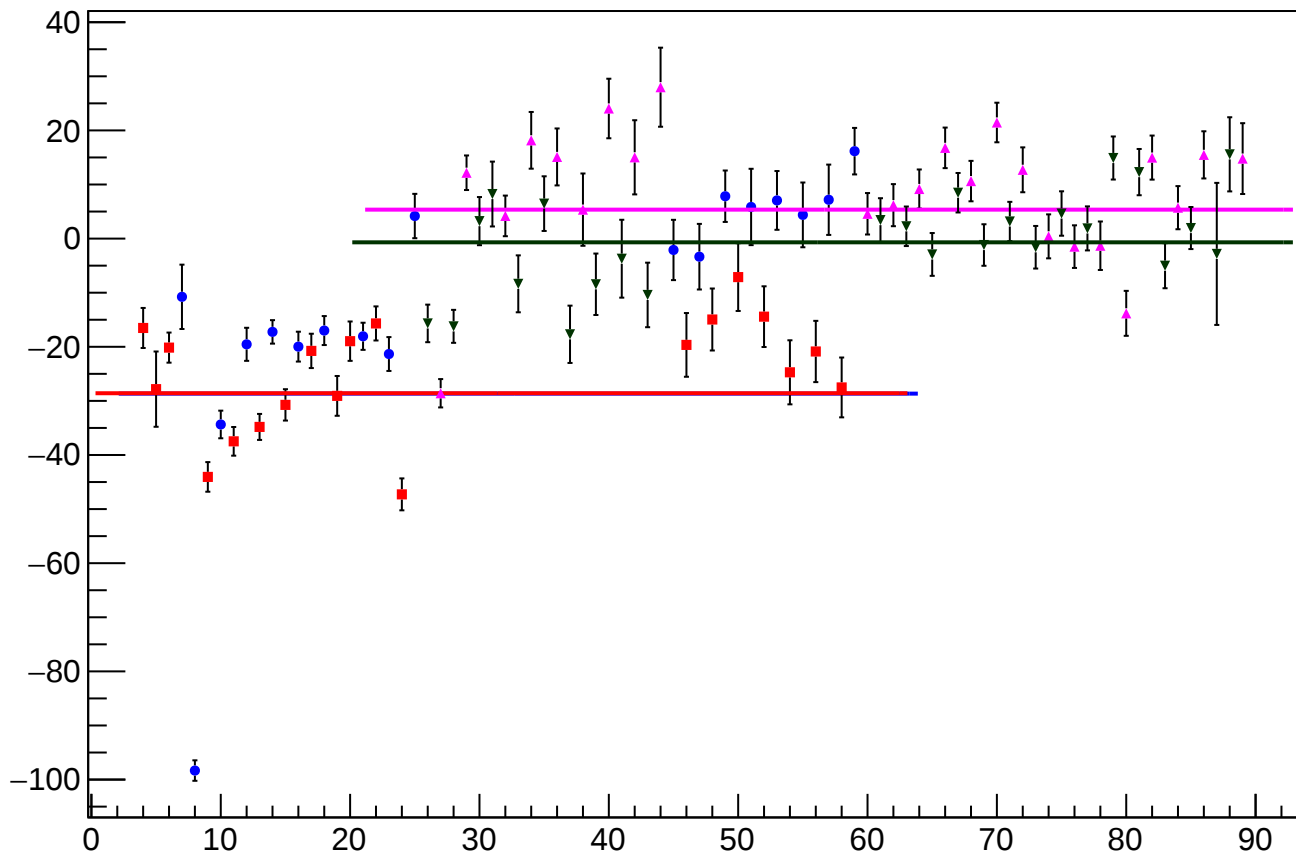
Right Out: 5235.469+/-1.173 χ^2/NDF : 47165.0/18

Left In: 5679.884+/-1.130 χ^2/NDF : 1354677.5/23

5471.884+/-0.806 χ^2/NDF : 1402258.3/42

5466.072+/-0.814 χ^2/NDF : 1476269.8/42

diff_bpm0l03Y_mean vs slug



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

Left Out: -0.688 $\pm$ 0.867 χ^2 /NDF: 110.1/24

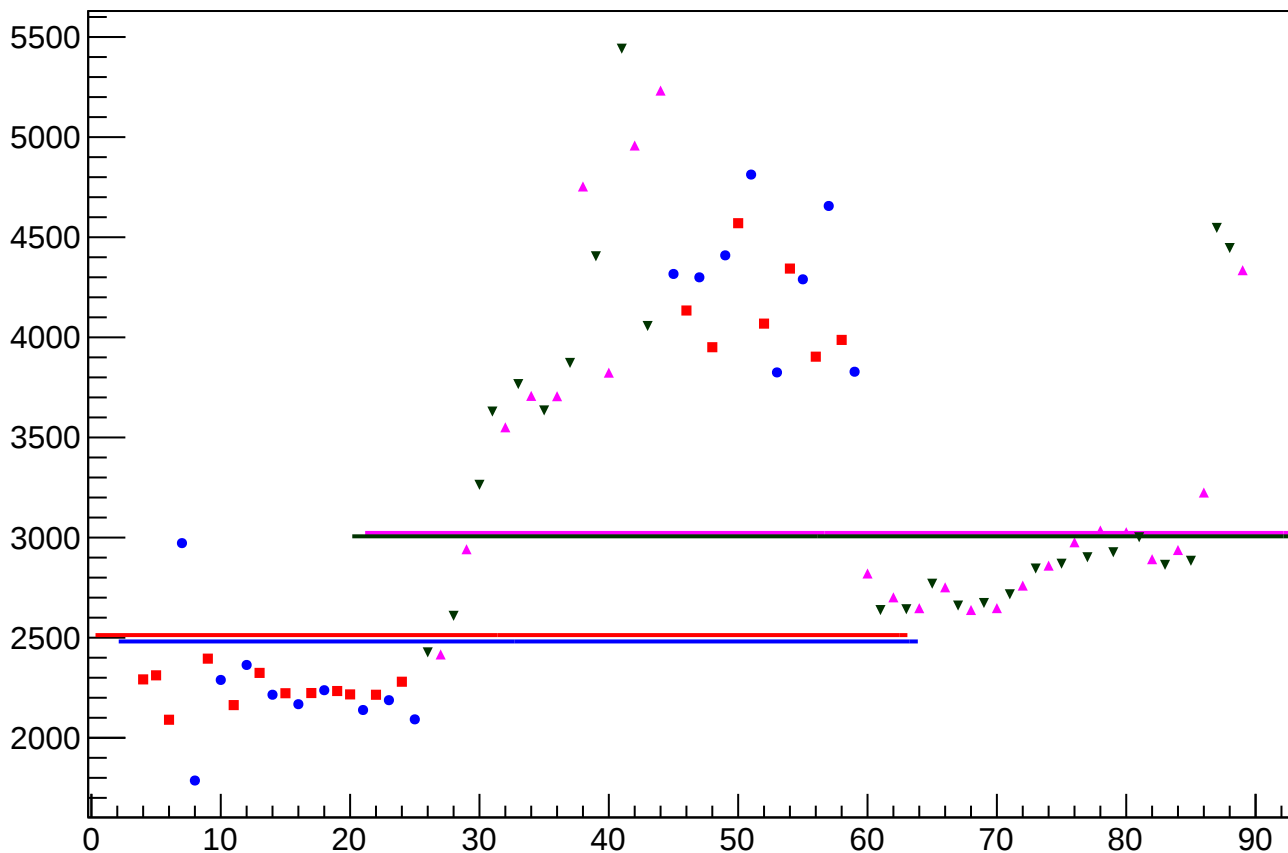
Right Out: -28.584 $\pm$ 0.826 χ^2 /NDF: 168.7/18

Left In: 5.353 $\pm$ 0.845 χ^2 /NDF: 281.0/23

-16.109 $\pm$ 0.581 χ^2 /NDF: 2541.5/42

-11.990 $\pm$ 0.591 χ^2 /NDF: 1274.3/42

diff_bpm0l03Y_rms vs slug



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

Left Out: 3006.244+/-0.613 χ^2/NDF :873747.8/24

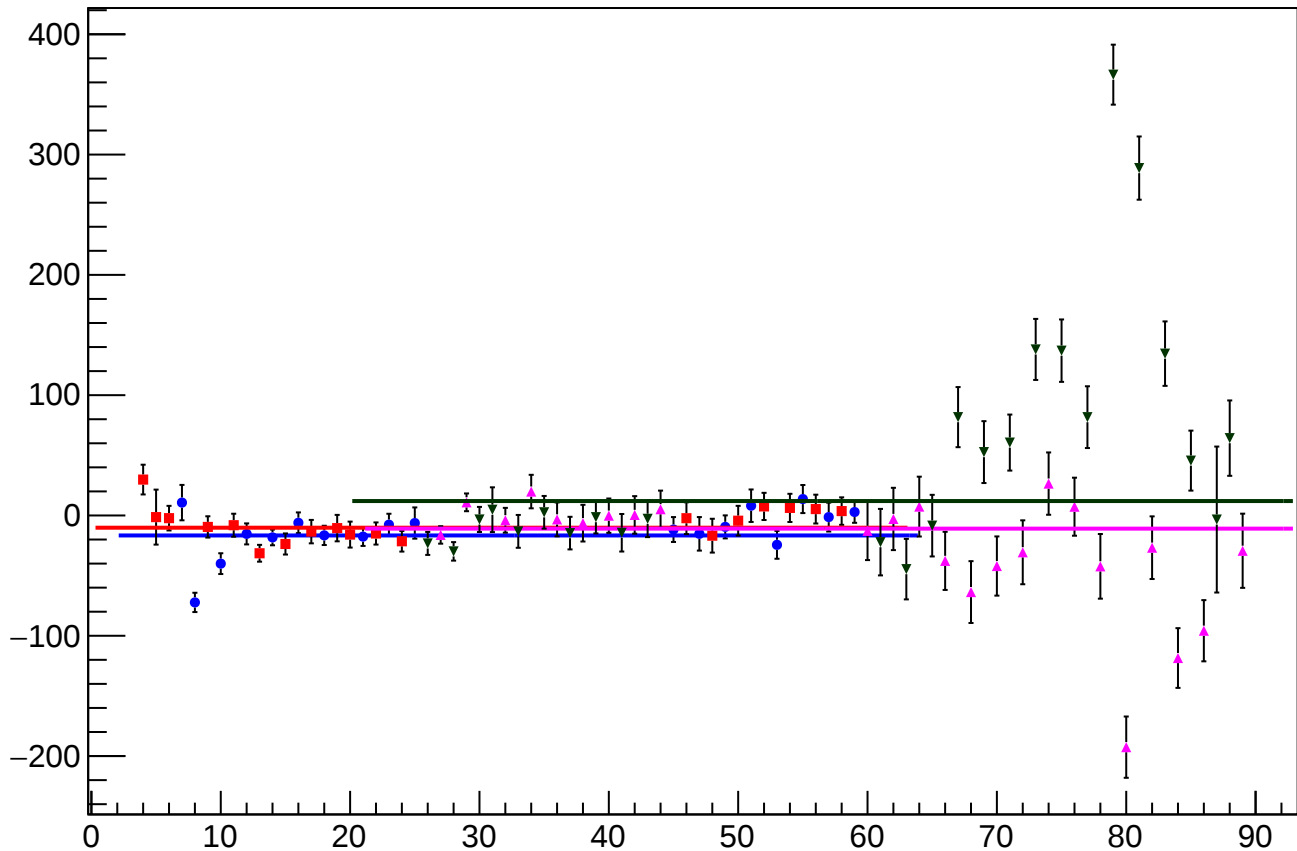
2716.749+/-0.411 χ^2/NDF : 3390557.8/42

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

2762.464+/-0.418 χ^2/NDF : 2598846.6/42

Left In: 3023.251+/-0.597 χ^2/NDF :927353.0/23

diff_bpm0l04X_mean vs slug



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

Left Out: 11.985 ± 3.310 $\chi^2/\text{NDF}: 473.8/24$

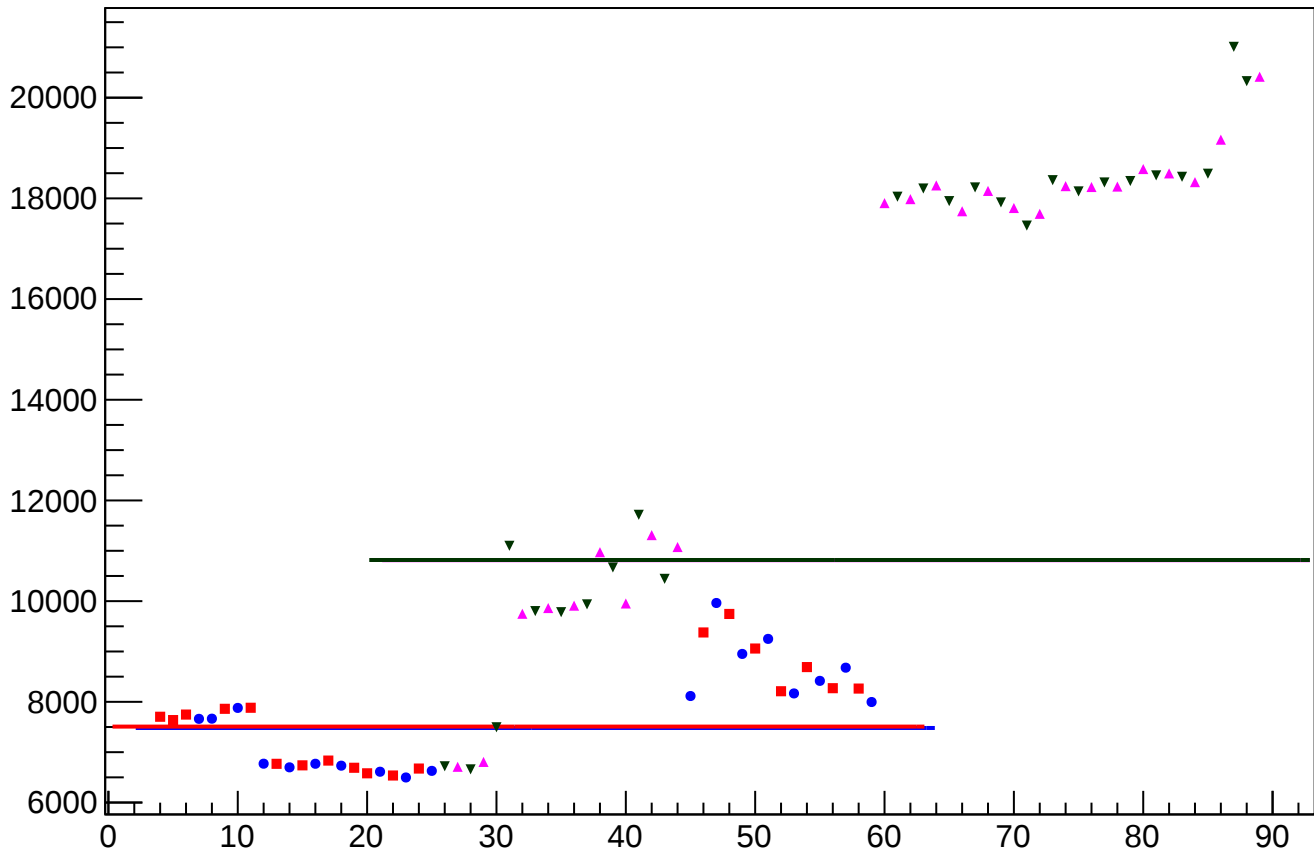
Right Out: -10.172 ± 2.389 $\chi^2/\text{NDF}: 33.7/18$

Left In: -10.943 ± 3.203 $\chi^2/\text{NDF}: 111.0/23$

-7.618 ± 1.856 $\chi^2/\text{NDF}: 604.8/42$

-10.447 ± 1.915 $\chi^2/\text{NDF}: 144.6/42$

diff_bpm0l04X_rms vs slug



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

Left Out: 10817.285+/-2.340 χ^2/NDF : 3598158.9/24

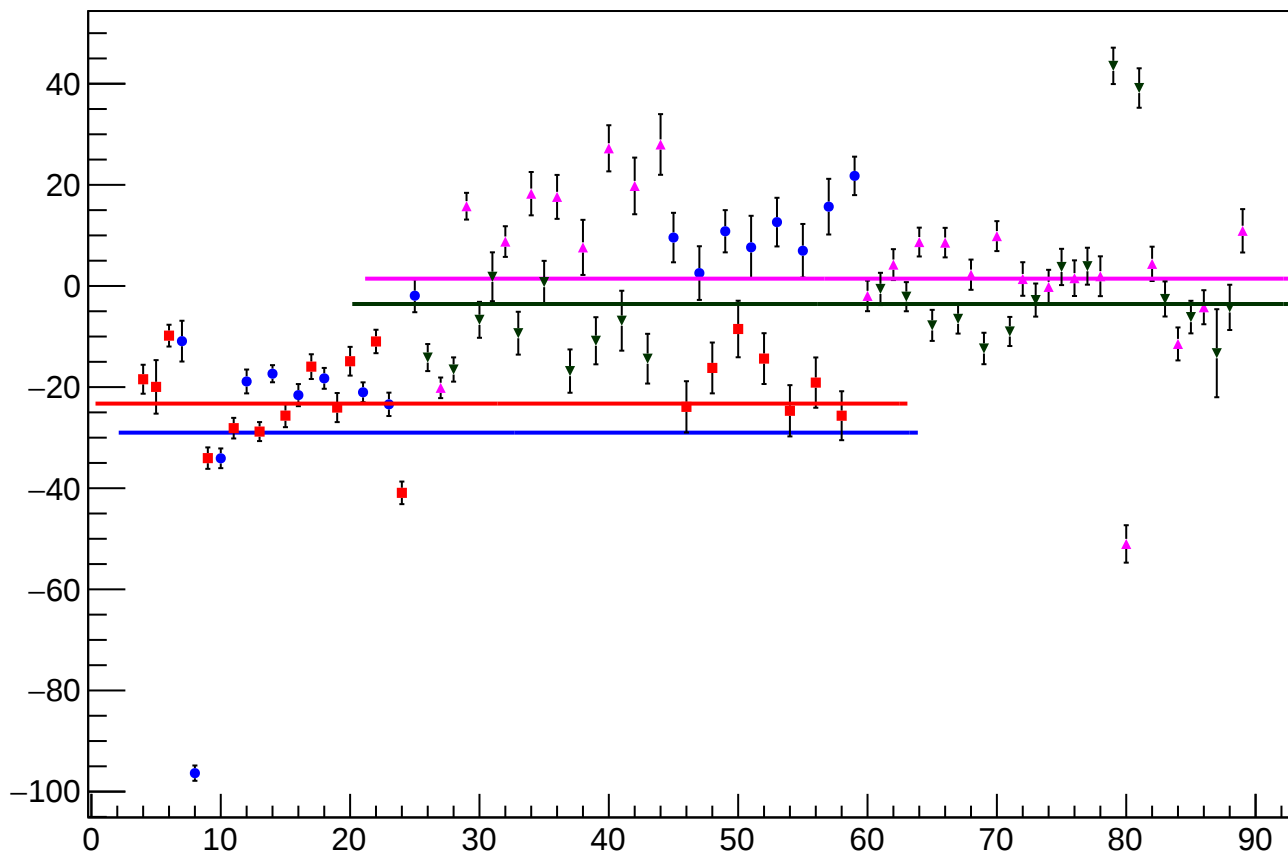
8530.098+/-1.312 χ^2/NDF : 5326475.1/42

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

8689.579+/-1.354 χ^2/NDF : 5522582.0/42

Left In: 10812.819+/-2.265 χ^2/NDF : 3865156.3/23

diff_bpm0l04Y_mean vs slug



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

Left Out: -3.565+/-0.704 χ^2/NDF : 384.1/24

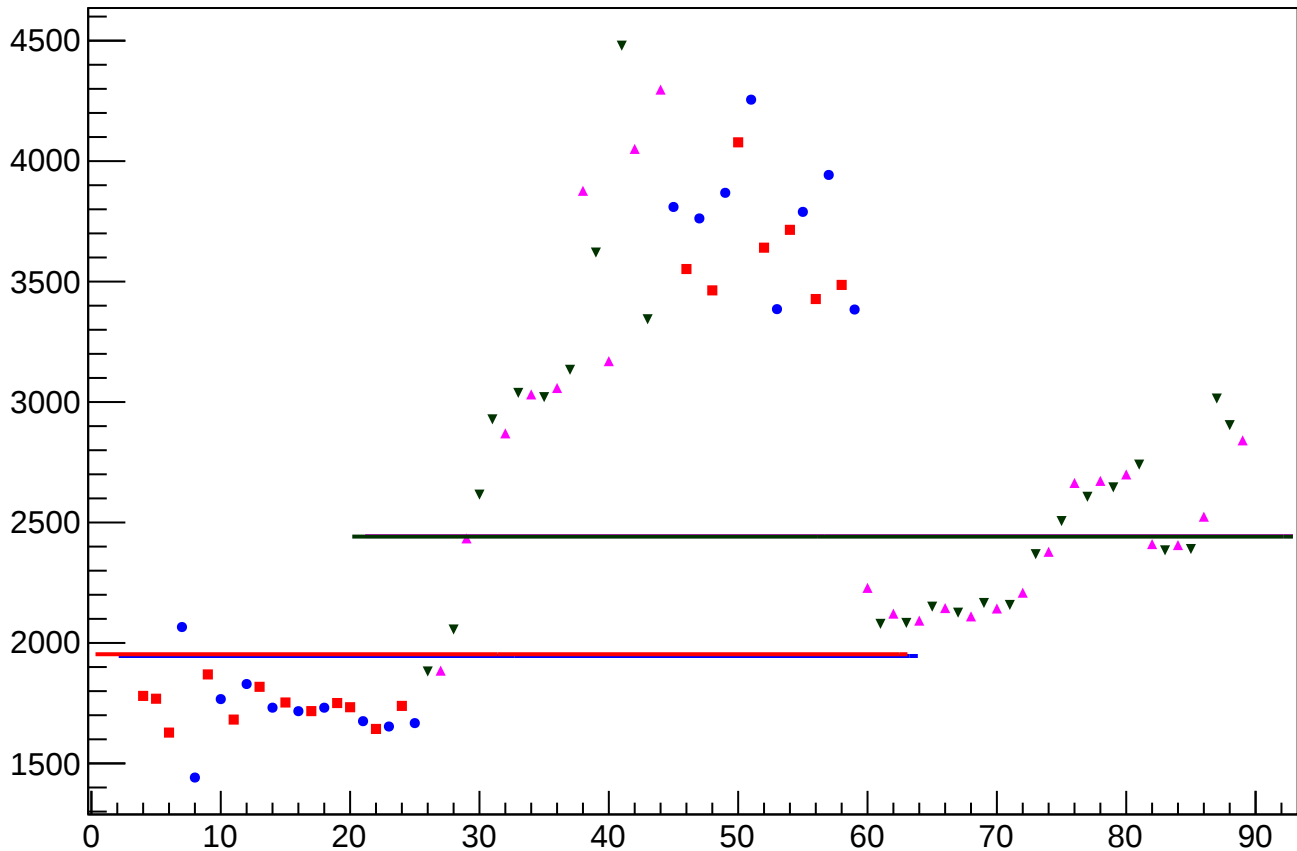
Right Out: -23.263+/-0.648 χ^2/NDF : 204.8/18

Left In: 1.449+/-0.683 χ^2/NDF : 488.1/23

-17.931+/-0.465 χ^2/NDF : 3913.2/42

-11.558+/-0.470 χ^2/NDF : 1381.9/42

diff_bpm0l04Y_rms vs slug



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

Left Out: 2441.509+/-0.498 χ^2/NDF : 914519.5/24

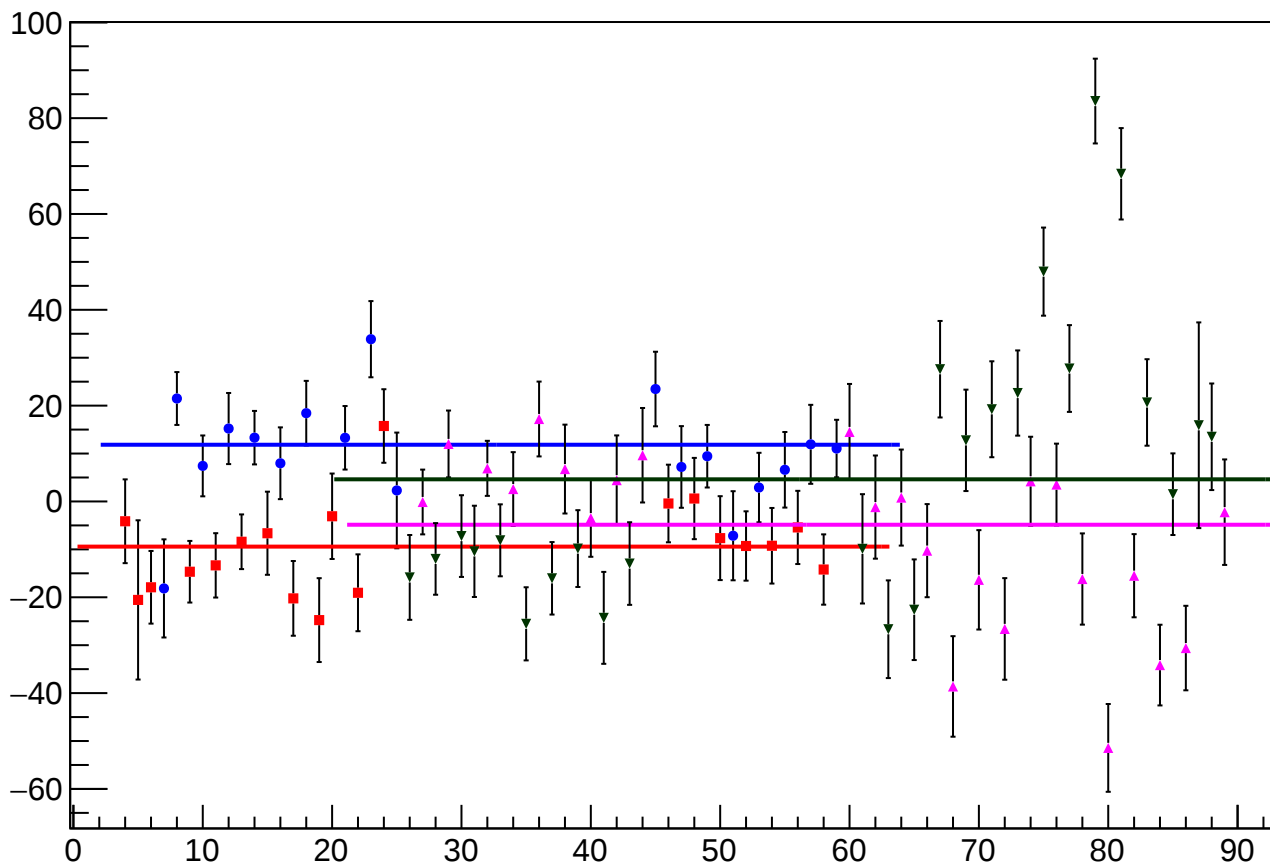
2161.638+/-0.329 χ^2/NDF : 4073466.5/42

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

2185.397+/-0.332 χ^2/NDF : 3262860.3/42

Left In: 2443.472+/-0.483 χ^2/NDF : 994554.3/23

diff_bpm0l05X_mean vs slug



Right In: 11.837 ± 1.701 χ^2/NDF : 30.8/17

Left Out: 4.620 ± 1.827 χ^2/NDF : 244.2/24

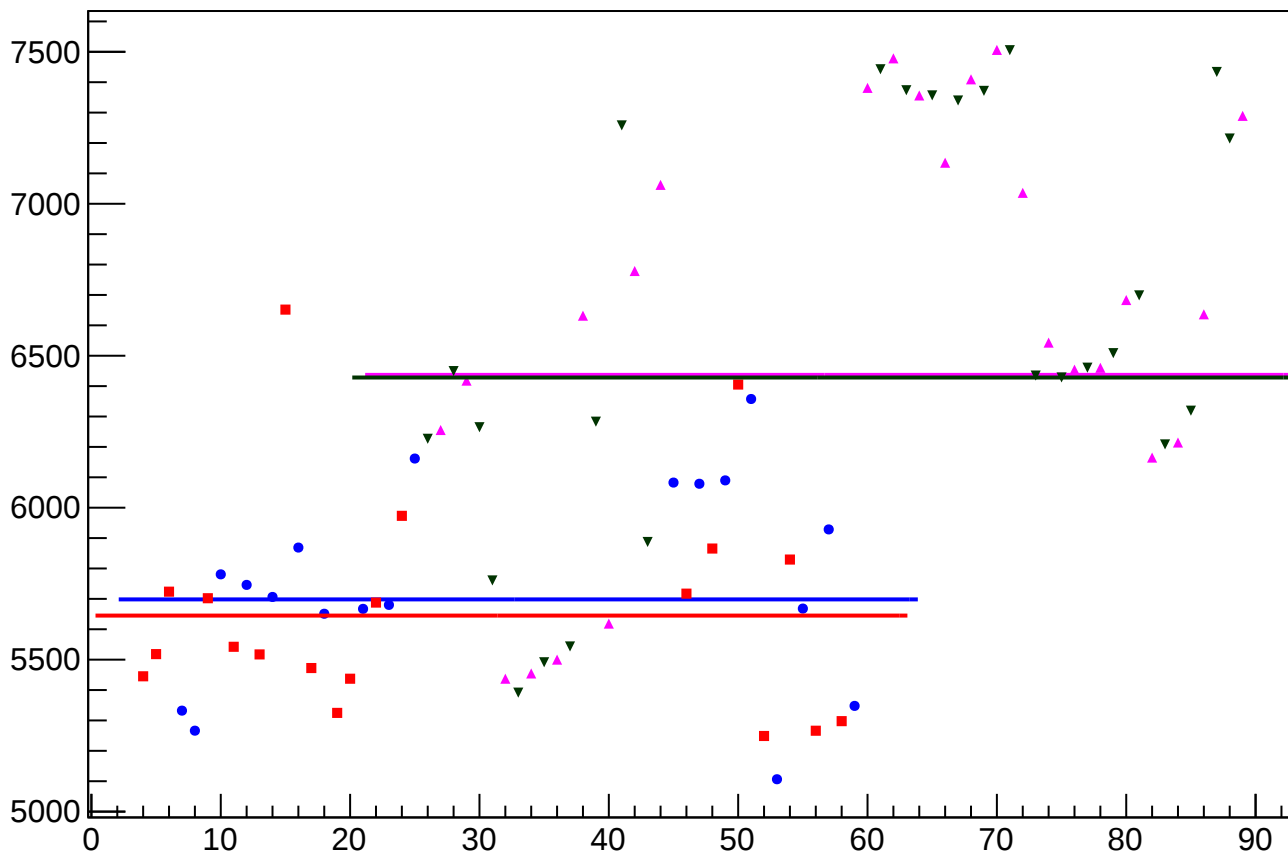
Right Out: -9.425 ± 1.790 χ^2/NDF : 24.3/18

Left In: -4.861 ± 1.774 χ^2/NDF : 95.8/23

8.486 ± 1.245 χ^2/NDF : 283.3/42

-7.122 ± 1.260 χ^2/NDF : 123.4/42

diff_bpm0l05X_rms vs slug



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

Left Out: 6428.357+/-1.292 χ^2/NDF : 252505.6/24

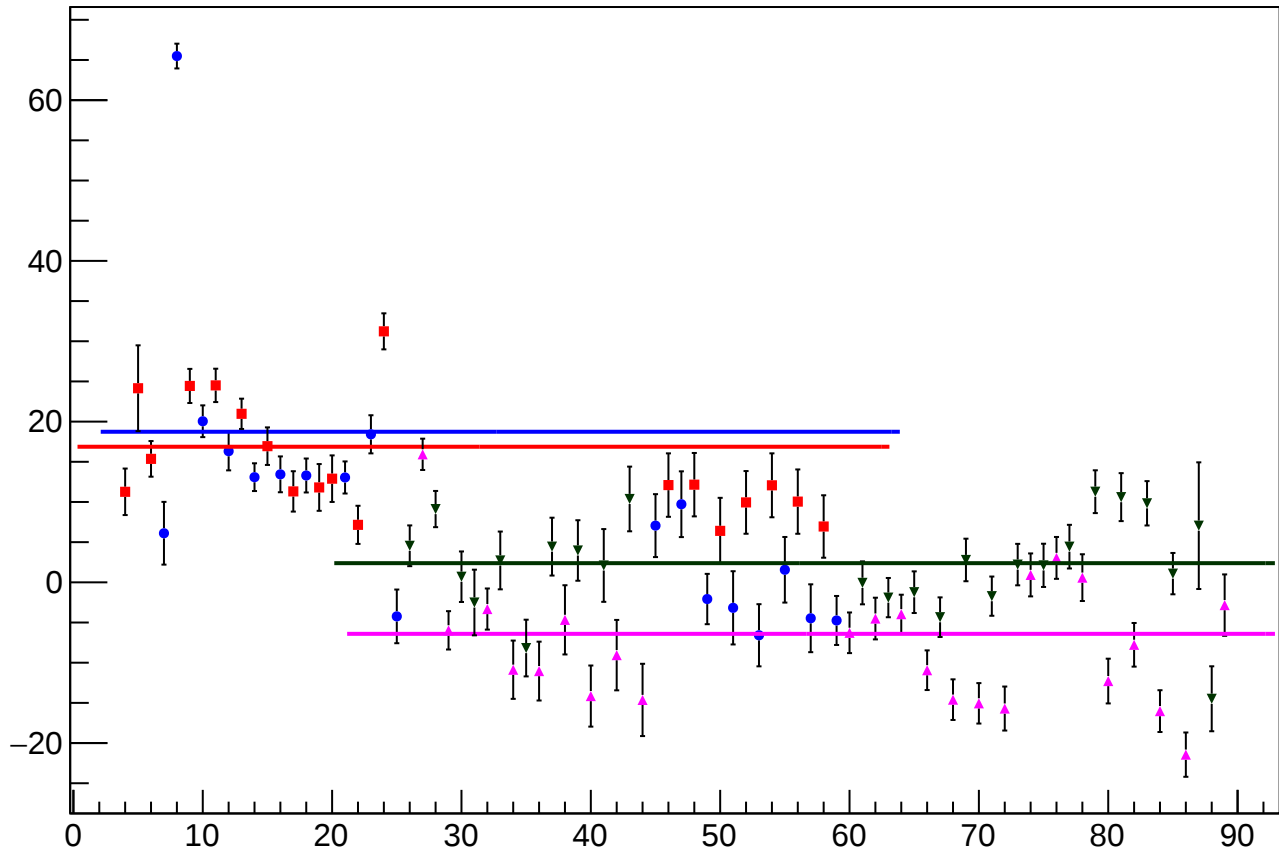
Right Out: 5644.999+/-1.266 χ^2/NDF : 71475.4/18

Left In: 6437.003+/-1.254 χ^2/NDF : 282076.7/23

6037.283+/-0.880 χ^2/NDF : 490795.1/42

6044.607+/-0.891 χ^2/NDF : 551112.5/42

diff_bpm0l05Y_mean vs slug



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

Left Out: 2.387 $\pm$ 0.587 χ^2 /NDF: 85.6/24

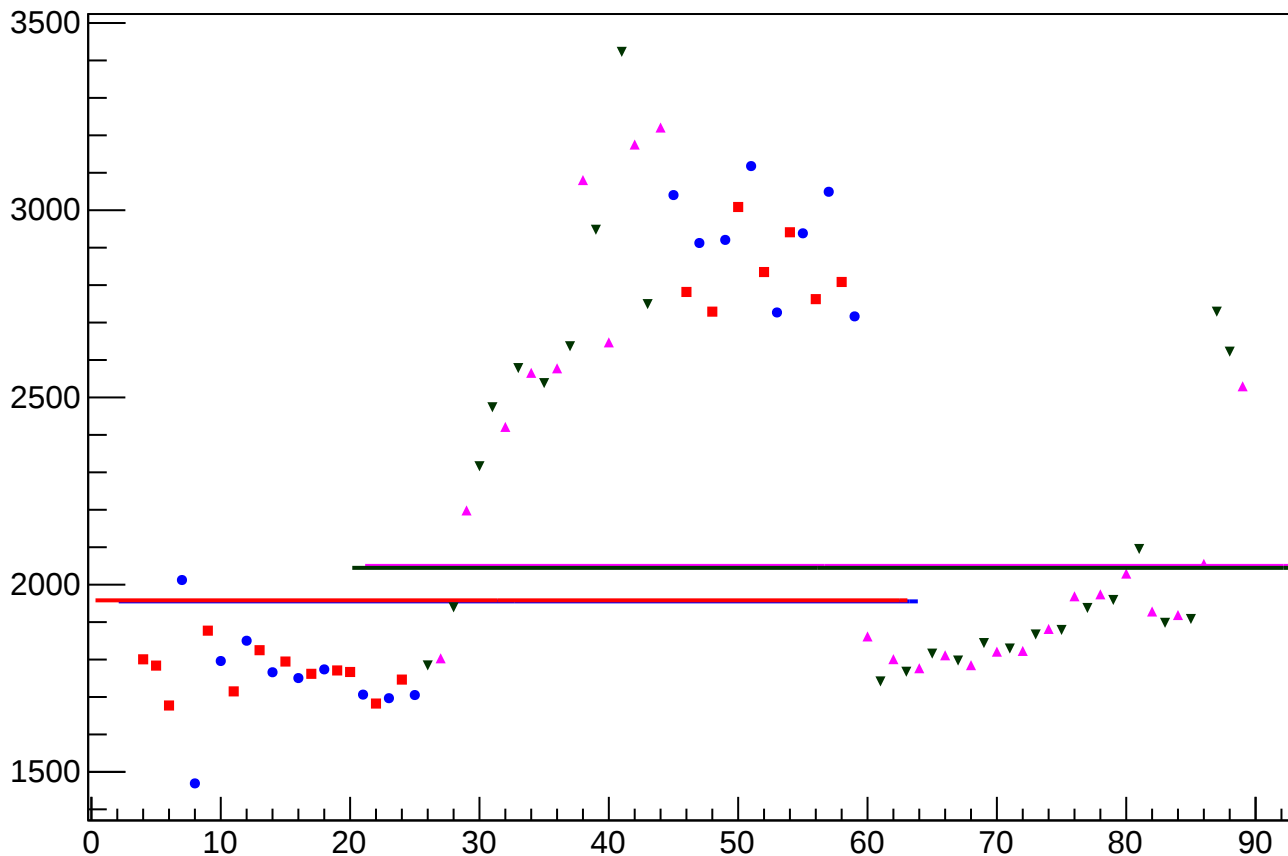
Right Out: 16.874 $\pm$ 0.633 χ^2 /NDF: 128.0/18

Left In: -6.409 $\pm$ 0.570 χ^2 /NDF: 258.3/23

10.367 $\pm$ 0.420 χ^2 /NDF: 1705.0/42

4.022 $\pm$ 0.424 χ^2 /NDF: 1132.6/42

diff_bpm0l05Y_rms vs slug



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

Left Out: 2044.917 $\pm$ 0.415 χ^2 /NDF: 765701.4/24

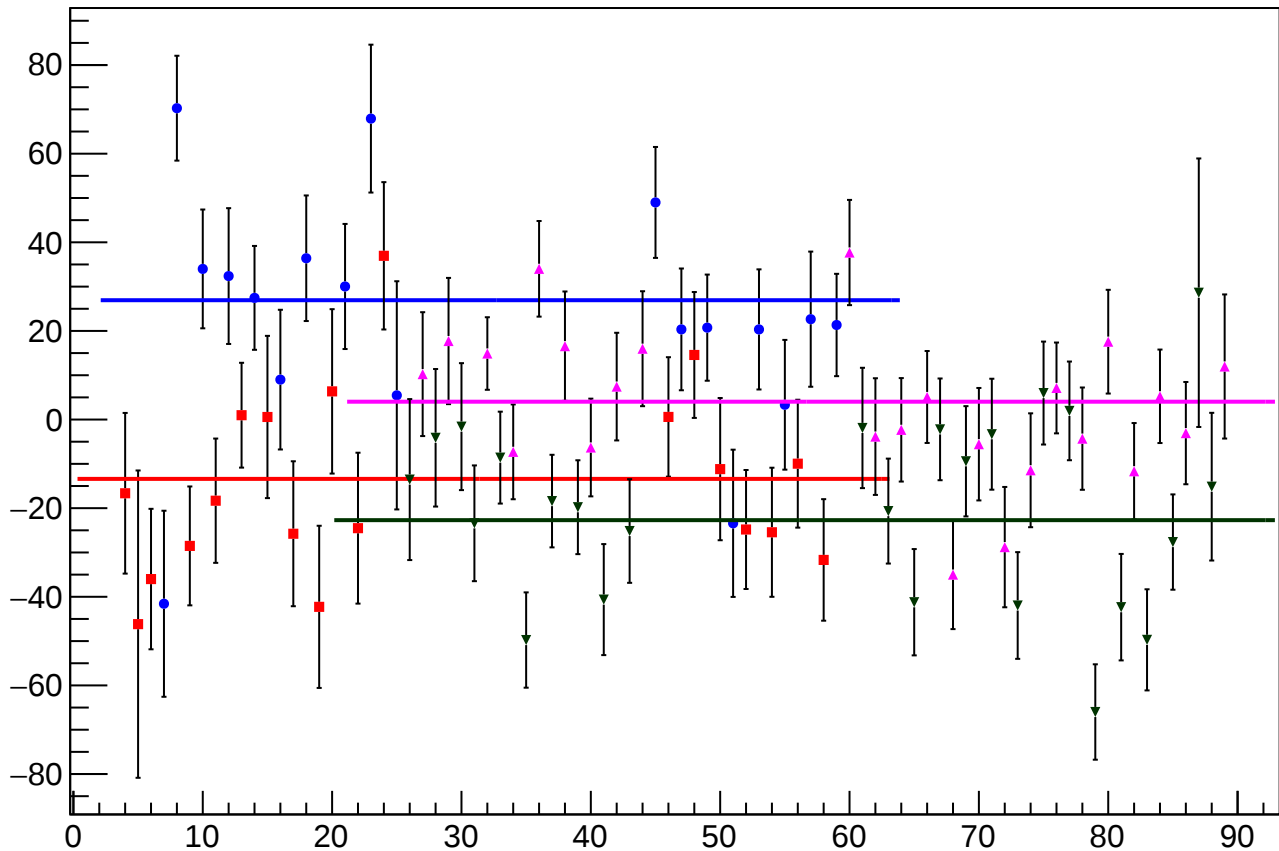
Right Out: 1958.115 $\pm$ 0.448 χ^2 /NDF: 858074.3/18

Left In: 2050.119 $\pm$ 0.403 χ^2 /NDF: 773258.1/23

2001.214 $\pm$ 0.297 χ^2 /NDF: 2164064.5/42

2008.901 $\pm$ 0.300 χ^2 /NDF: 1654638.5/42

diff_bpm0l06X_mean vs slug



Right In: 26.931 $\pm$ 3.337 χ^2 /NDF: 48.9/17

Left Out: -22.706 $\pm$ 2.451 χ^2 /NDF: 67.2/24

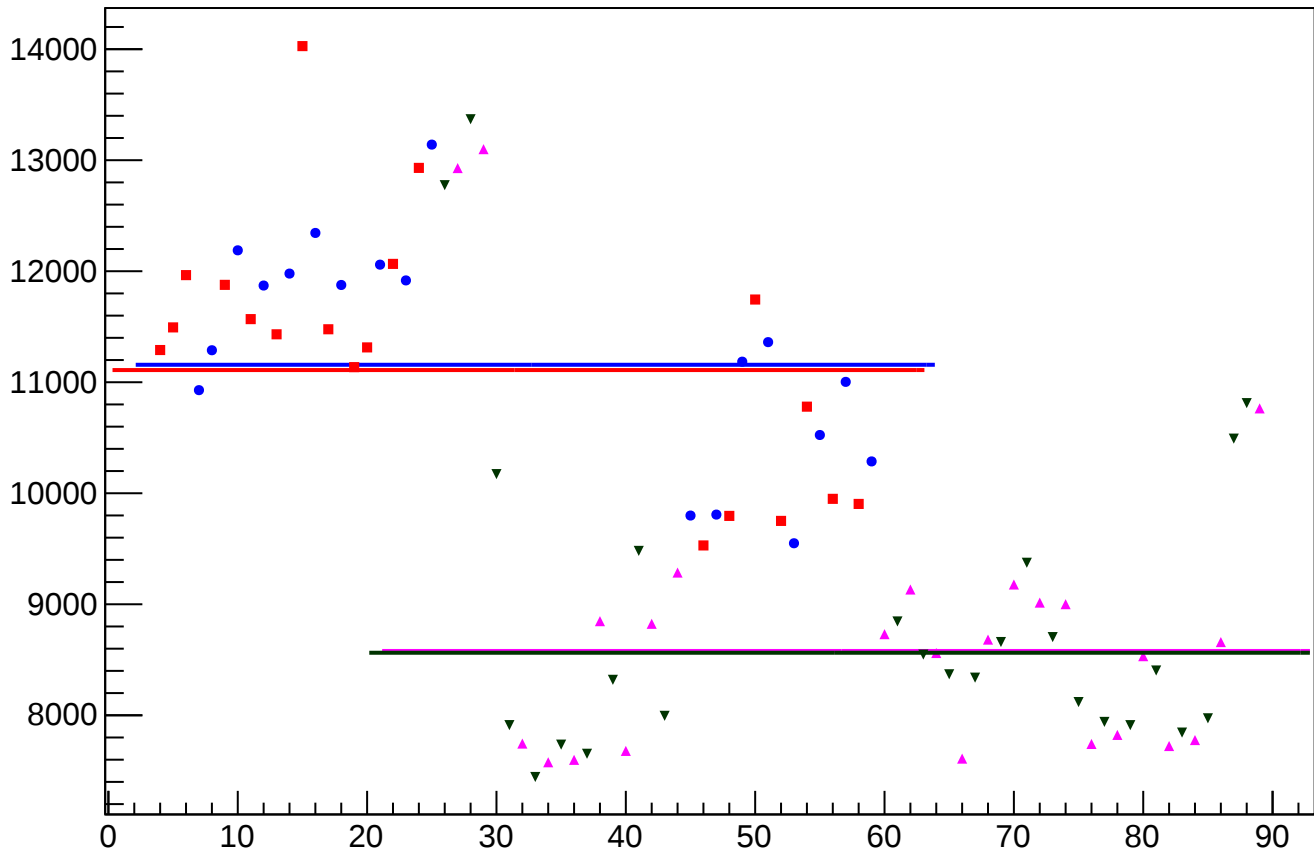
Right Out: -13.392 $\pm$ 3.535 χ^2 /NDF: 28.4/18

Left In: 4.029 $\pm$ 2.379 χ^2 /NDF: 45.9/23

-5.313 $\pm$ 1.975 χ^2 /NDF: 259.8/42

-1.404 $\pm$ 1.974 χ^2 /NDF: 91.0/42

diff_bpm0l06X_rms vs slug



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

Left Out: 8563.333+/-1.733 χ^2/NDF : 482585.9/24

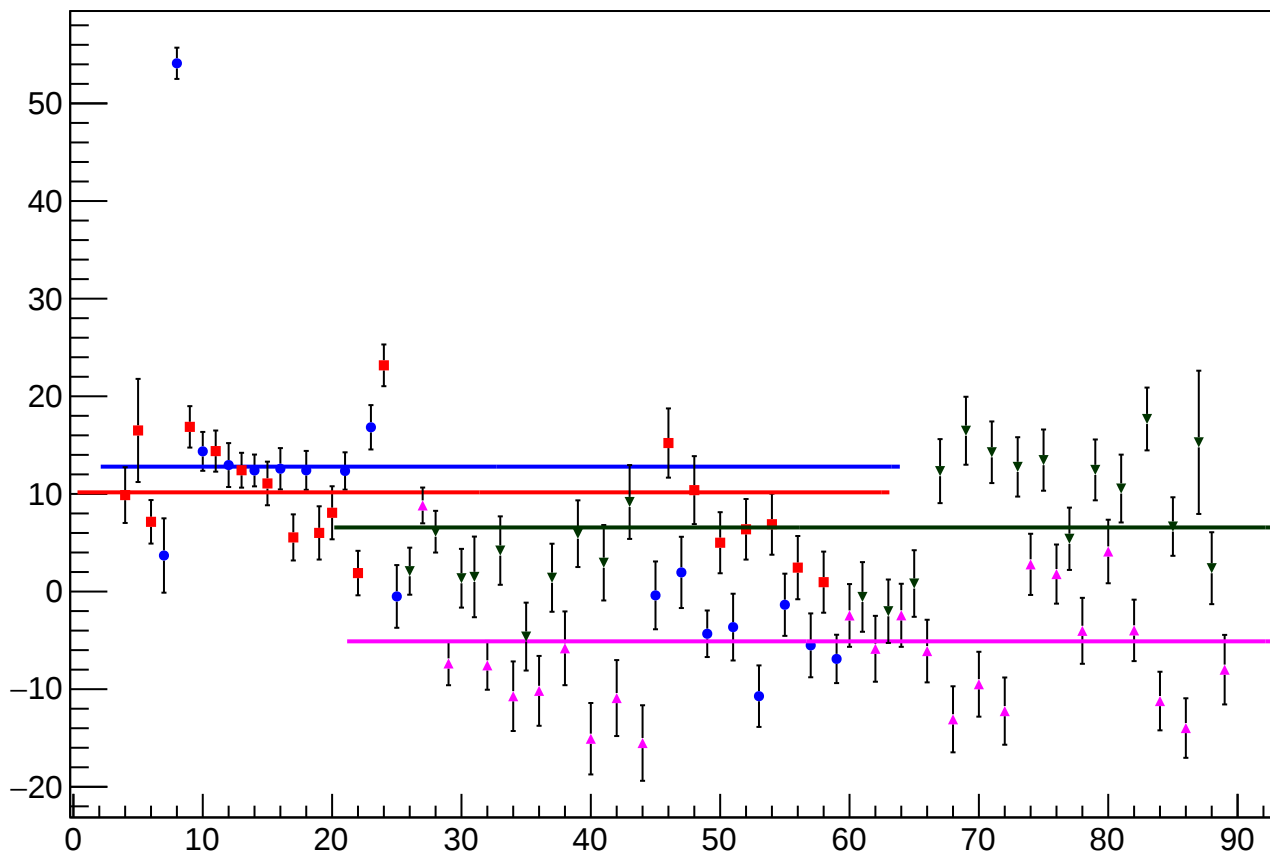
9472.288+/-1.397 χ^2/NDF : 1421466.6/42

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

9368.362+/-1.396 χ^2/NDF : 1484864.9/42

Left In: 8579.349+/-1.682 χ^2/NDF : 583156.9/23

diff_bpm0l06Y_mean vs slug



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

Left Out: 6.566 ± 0.651 χ^2/NDF : 82.0/24

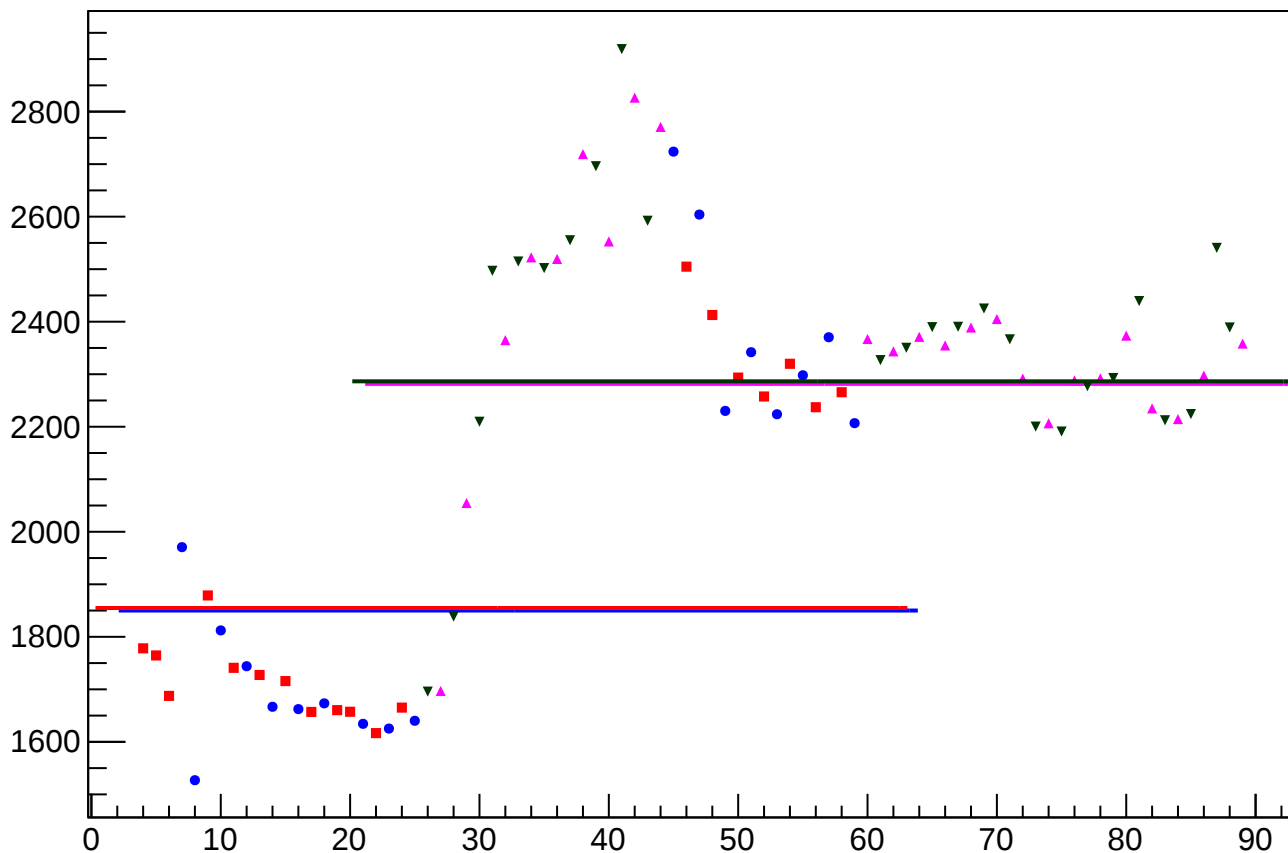
Right Out: 10.162 ± 0.592 χ^2/NDF : 97.7/18

Left In: -5.100 ± 0.629 χ^2/NDF : 127.3/23

10.152 ± 0.424 χ^2/NDF : 1095.6/42

2.993 ± 0.431 χ^2/NDF : 536.8/42

diff_bpm0l06Y_rms vs slug



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

Left Out: 2286.474+/-0.460 χ^2/NDF : 360735.6/24

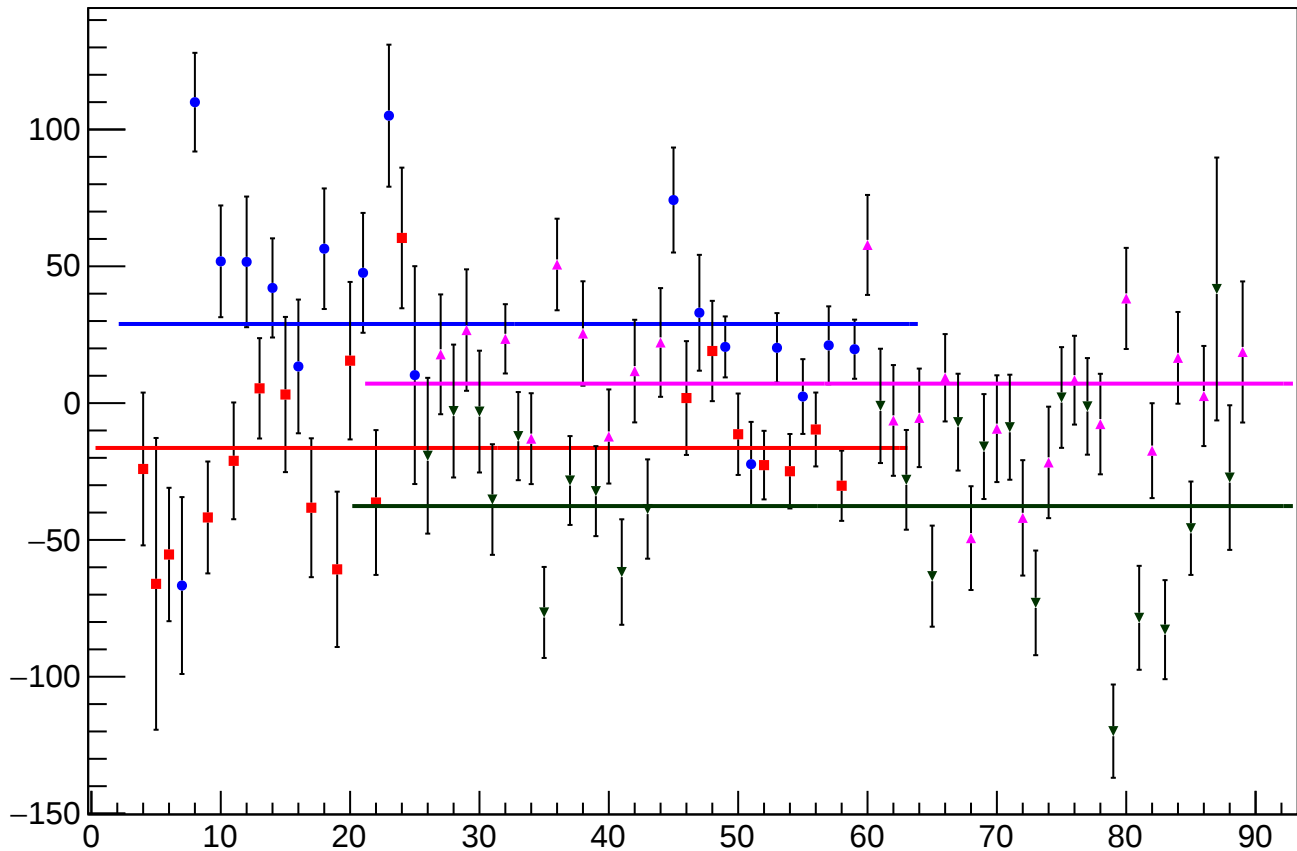
Right Out: 1854.854+/-0.419 χ^2/NDF : 407929.4/18

Left In: 2281.590+/-0.445 χ^2/NDF : 368089.8/23

2035.232+/-0.300 χ^2/NDF : 1541038.5/42

2055.297+/-0.305 χ^2/NDF : 1263624.8/42

diff_bpm0l07X_mean vs slug



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

Left Out: -37.624+/-3.824 χ^2/NDF : 76.3/24

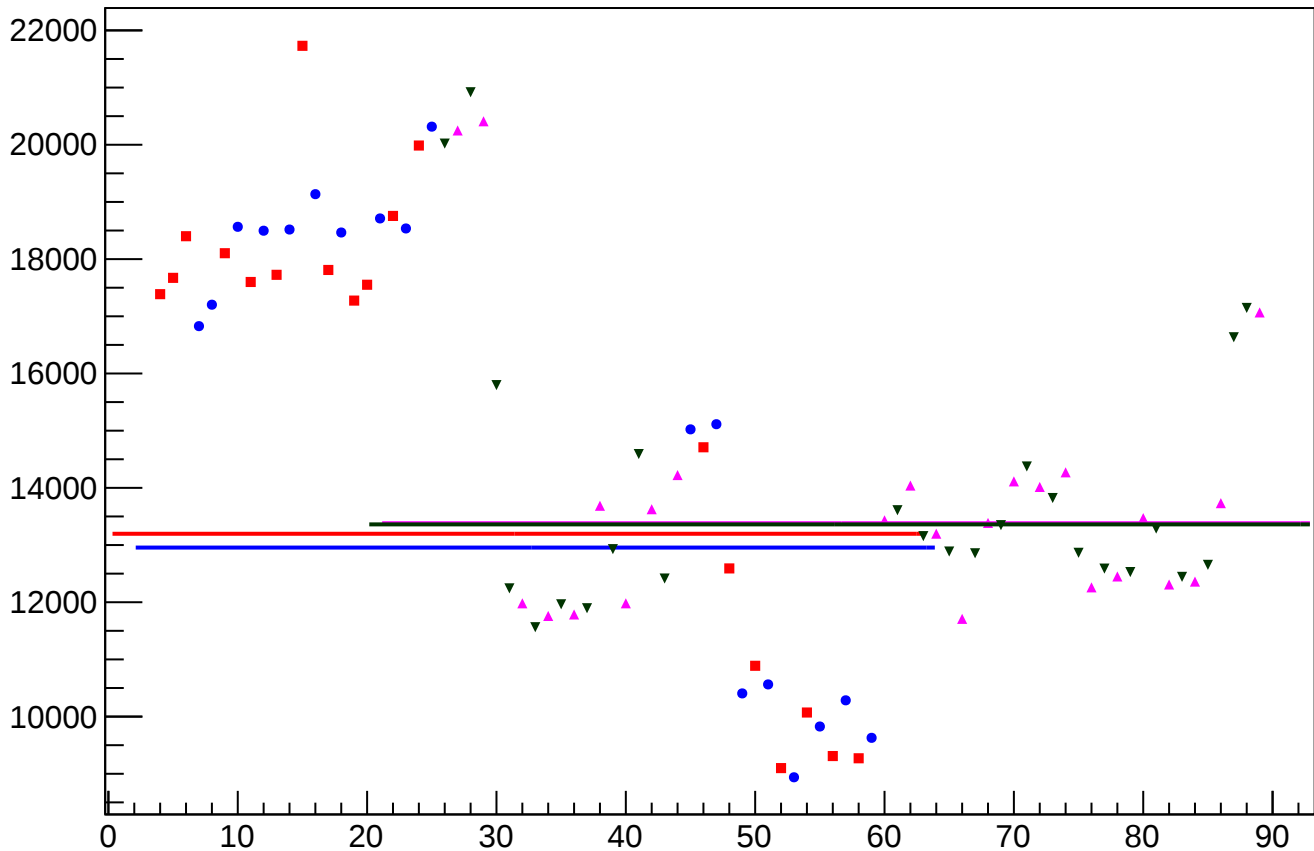
Right Out: -16.388+/-4.377 χ^2/NDF : 27.5/18

Left In: 7.122+/-3.711 χ^2/NDF : 45.4/23

-6.140+/-2.775 χ^2/NDF : 285.2/42

-2.709+/-2.830 χ^2/NDF : 89.8/42

diff_bpm0l07X_rms vs slug



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

Left Out: 13361.374+/-2.704 χ^2/NDF : 482694.7/24

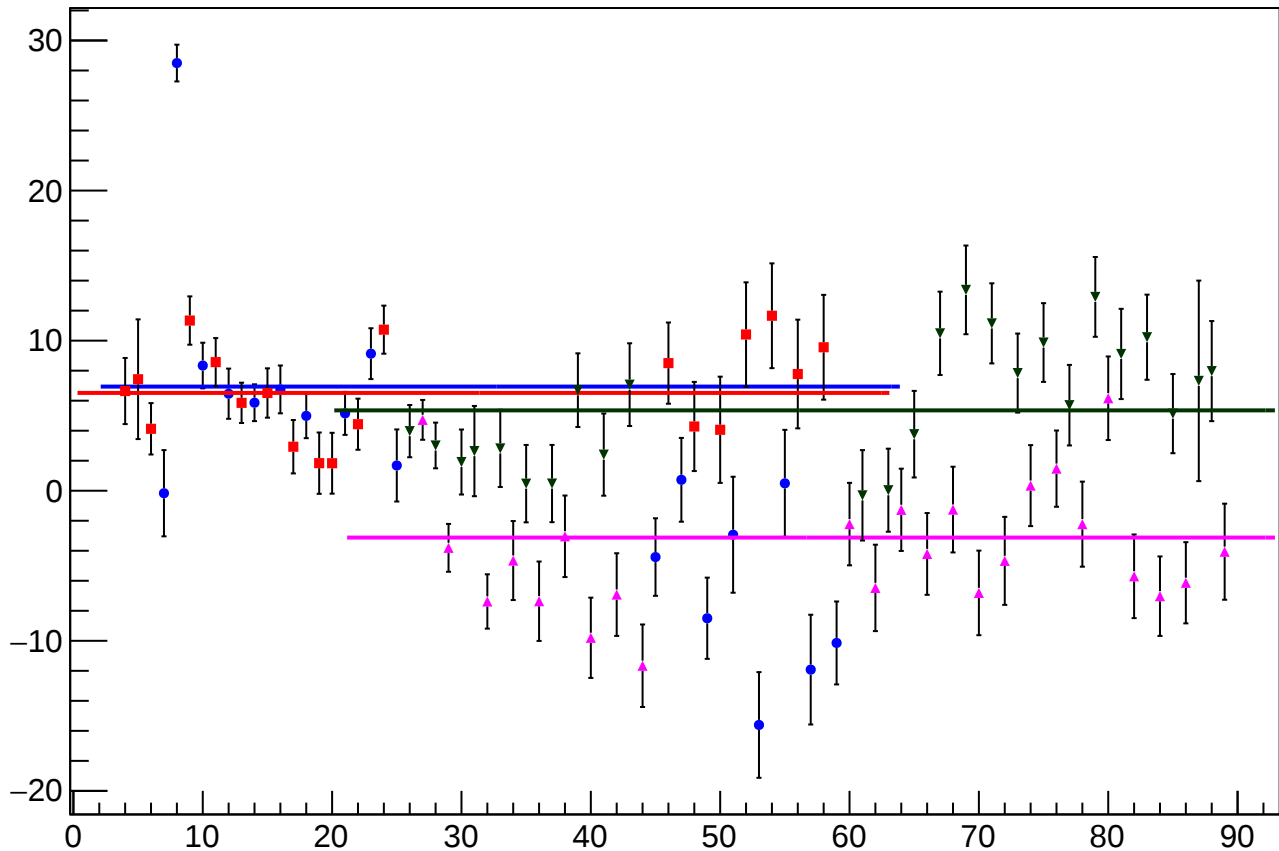
13169.549+/-1.963 χ^2/NDF : 2393969.3/42

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

13304.596+/-2.001 χ^2/NDF : 2350745.9/42

Left In: 13381.793+/-2.624 χ^2/NDF : 580923.3/23

diff_bpm0l07Y_mean vs slug



Right In: 6.939 $\pm$ 0.450 χ^2 /NDF: 499.6/17

Left Out: 5.354 $\pm$ 0.515 χ^2 /NDF: 56.6/24

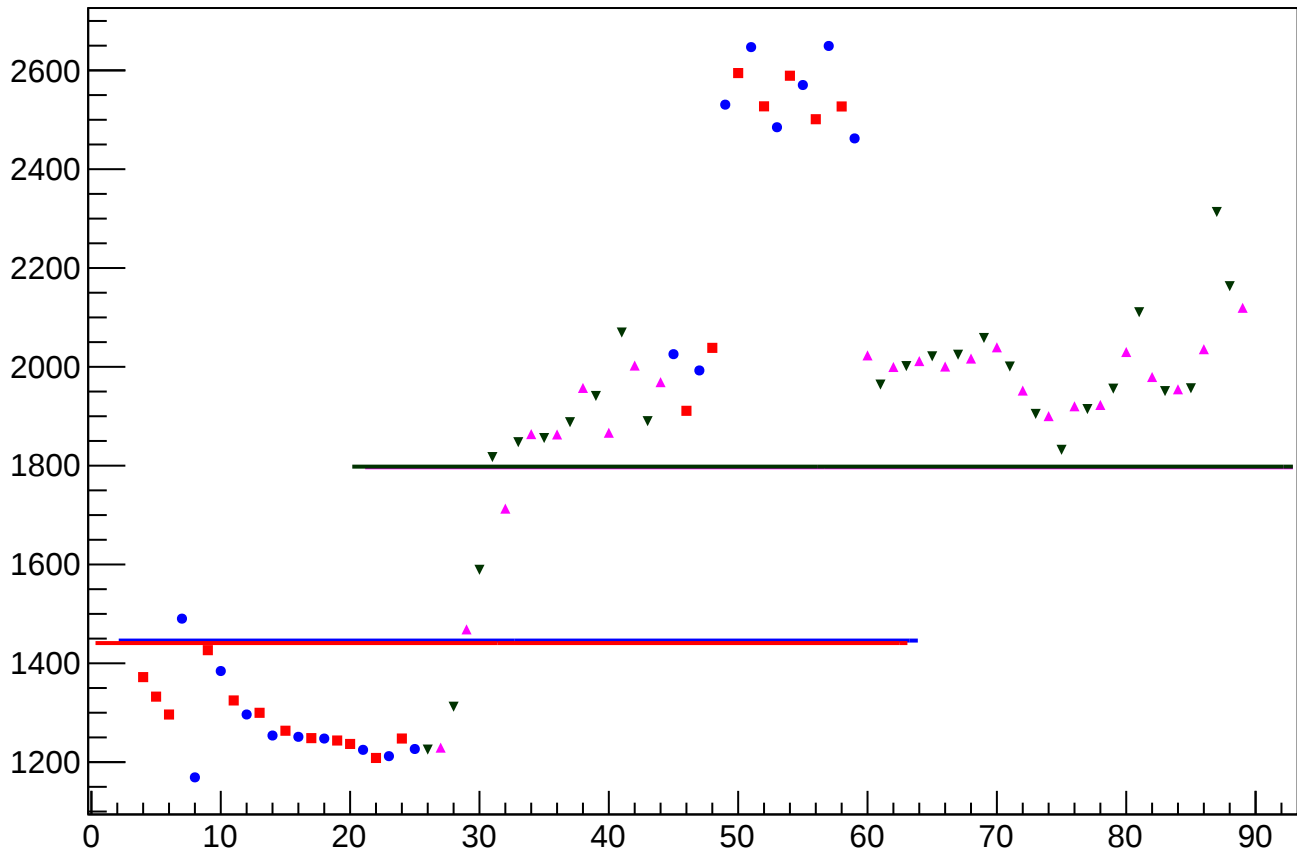
Right Out: 6.517 $\pm$ 0.472 χ^2 /NDF: 41.8/18

Left In: -3.121 $\pm$ 0.498 χ^2 /NDF: 86.3/23

6.253 $\pm$ 0.339 χ^2 /NDF: 561.5/42

1.962 $\pm$ 0.342 χ^2 /NDF: 325.6/42

diff_bpm0l07Y_rms vs slug



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

Left Out: 1798.026+/-0.364 χ^2/NDF : 625615.3/24

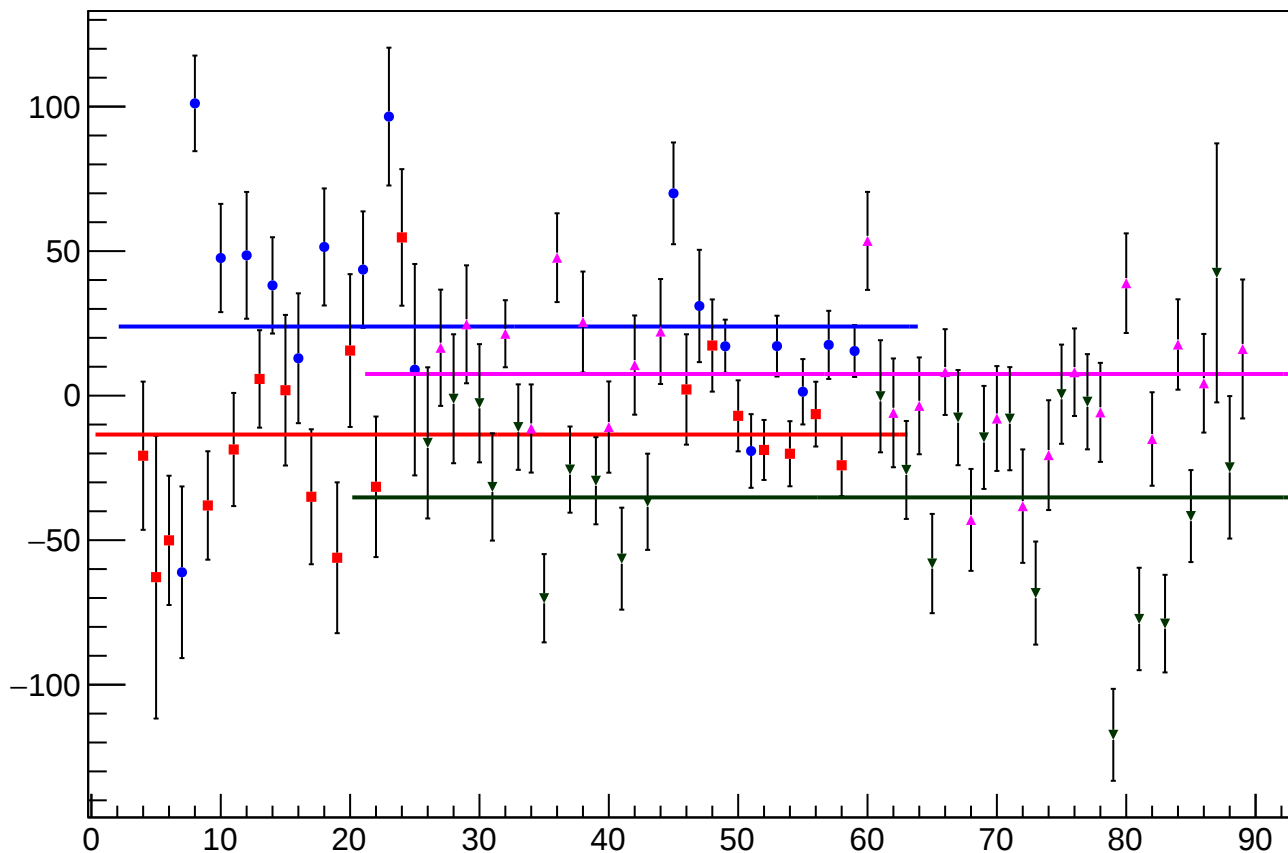
1598.361+/-0.239 χ^2/NDF : 3047671.1/42

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

1609.083+/-0.242 χ^2/NDF : 2511837.2/42

Left In: 1796.667+/-0.352 χ^2/NDF : 640845.9/23

diff_bpm0l08X_mean vs slug



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

Left Out: -35.202 ± 3.539 χ^2/NDF : 81.4/24

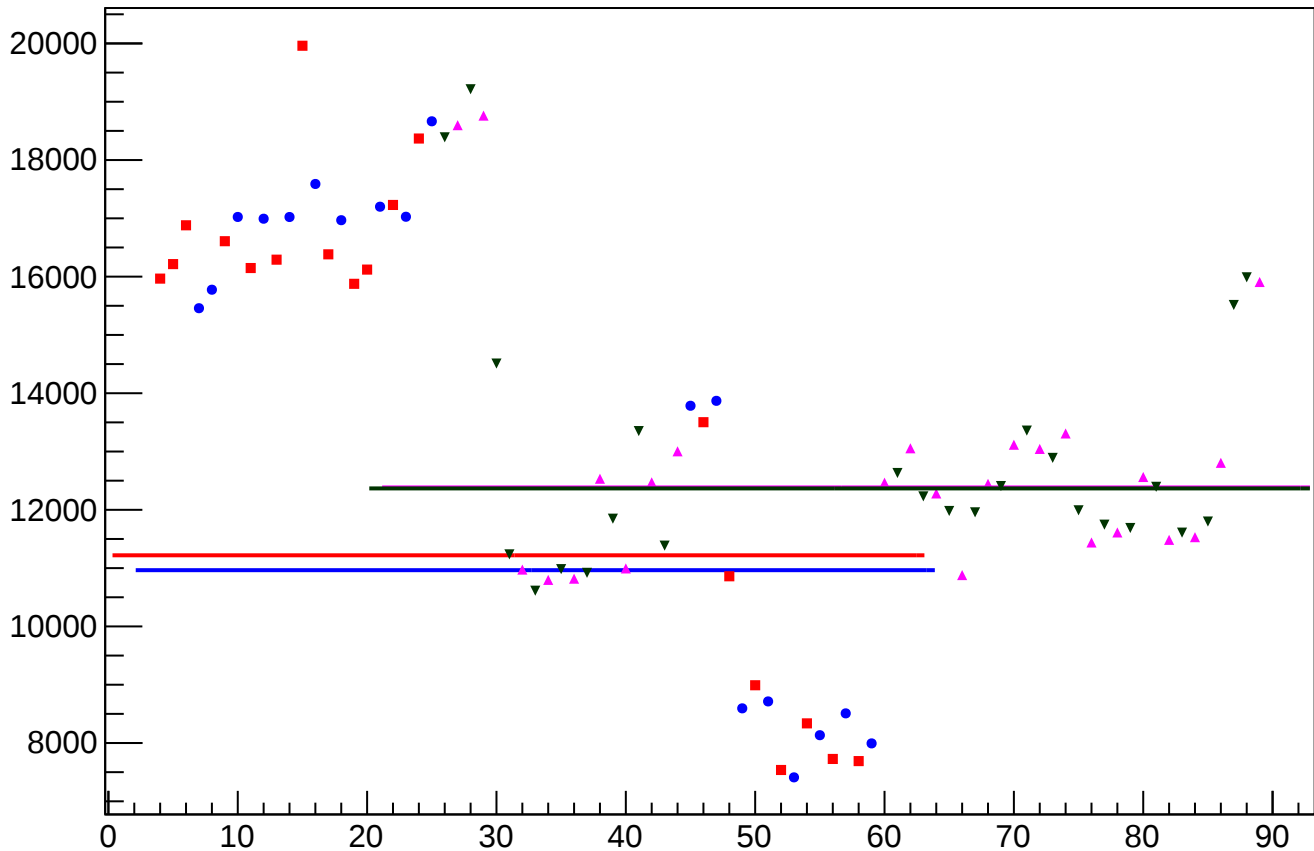
Right Out: -13.450 ± 3.783 χ^2/NDF : 27.5/18

Left In: 7.493 ± 3.434 χ^2/NDF : 45.1/23

-5.065 ± 2.478 χ^2/NDF : 294.2/42

-1.967 ± 2.543 χ^2/NDF : 89.4/42

diff_bpm0l08X_rms vs slug



Right In: 10964.744 $\pm$ 2.454 χ^2 /NDF: 2550839.7/17

Left Out: 12367.300 $\pm$ 2.502 χ^2 /NDF:480718.7/24

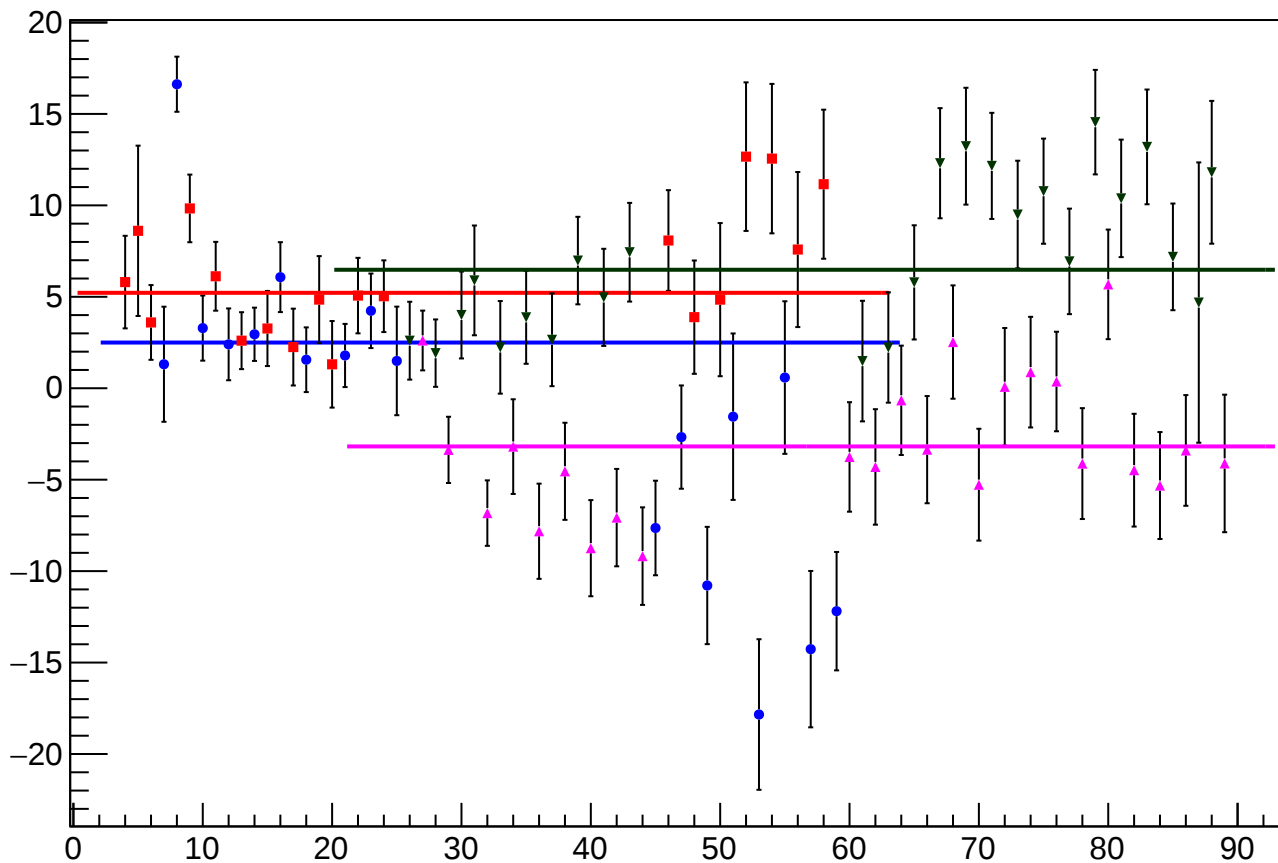
11652.213 $\pm$ 1.752 χ^2 /NDF: 3191719.8/42

Right Out: 11219.959 $\pm$ 2.675 χ^2 /NDF: 2343952.2/18

11858.458 $\pm$ 1.798 χ^2 /NDF: 3026140.7/42

Left In: 12384.486 $\pm$ 2.428 χ^2 /NDF:578287.2/23

diff_bpm0l08Y_mean vs slug



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

Left Out: 6.479 ± 0.556 χ^2/NDF : 52.9/24

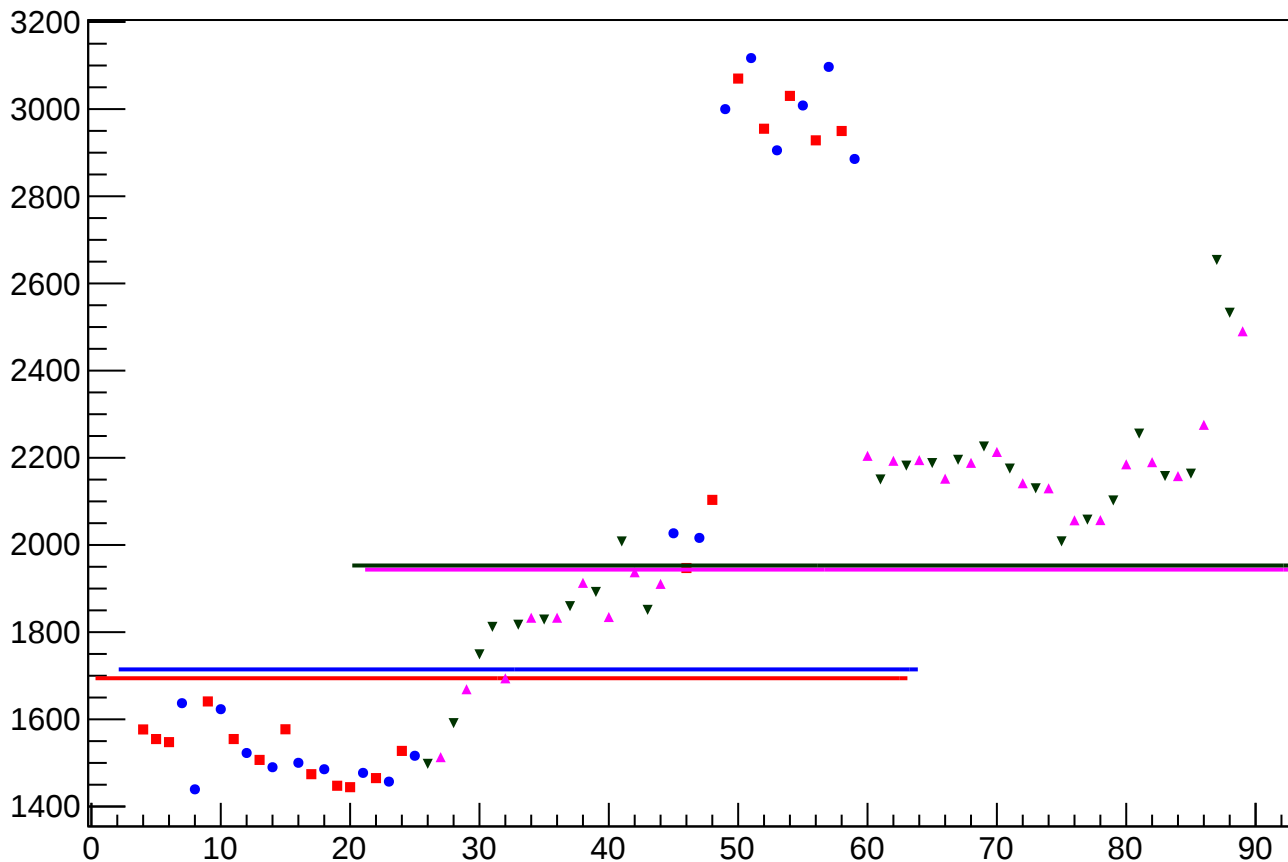
Right Out: 5.218 ± 0.553 χ^2/NDF : 26.5/18

Left In: -3.182 ± 0.537 χ^2/NDF : 50.7/23

4.394 ± 0.384 χ^2/NDF : 270.1/42

0.895 ± 0.385 χ^2/NDF : 196.0/42

diff_bpm0l08Y_rms vs slug



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

Left Out: 1952.929+/-0.393 χ^2/NDF : 388778.4/24

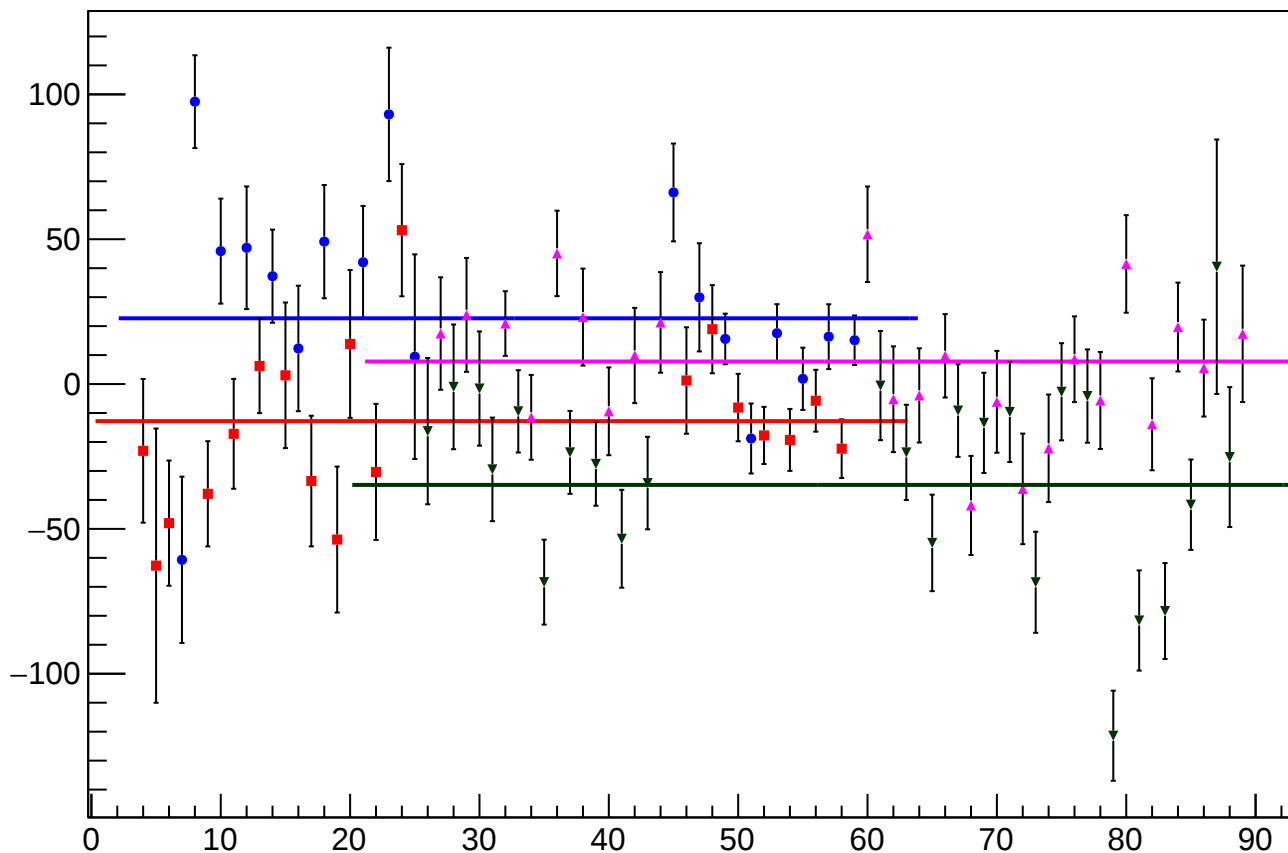
Right Out: 1694.263+/-0.391 χ^2/NDF : 1202765.8/18

Left In: 1943.534+/-0.380 χ^2/NDF : 439061.7/23

1828.036+/-0.271 χ^2/NDF : 2252013.6/42

1822.564+/-0.272 χ^2/NDF : 1851148.1/42

diff_bpm0l09X_mean vs slug



Right In: 22.698 $\pm$ 3.315 χ^2 /NDF: 70.9/17

Left Out: -34.819 $\pm$ 3.429 χ^2 /NDF: 87.5/24

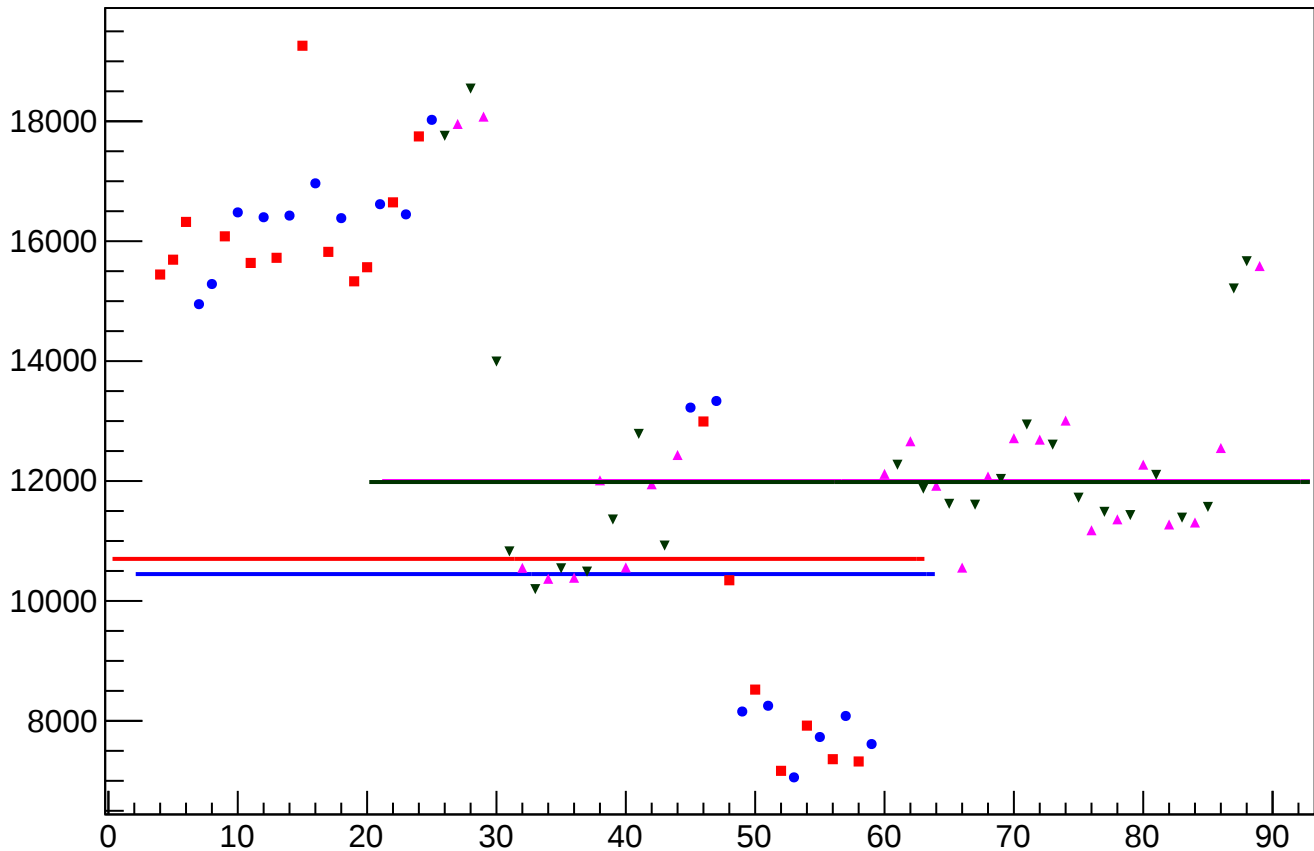
Right Out: -12.799 $\pm$ 3.618 χ^2 /NDF: 28.2/18

Left In: 7.788 $\pm$ 3.327 χ^2 /NDF: 45.6/23

-5.084 $\pm$ 2.383 χ^2 /NDF: 303.8/42

-1.645 $\pm$ 2.449 χ^2 /NDF: 91.3/42

diff_bpm0l09X_rms vs slug



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

Left Out: 11983.419+/-2.425 χ^2/NDF : 486944.3/24

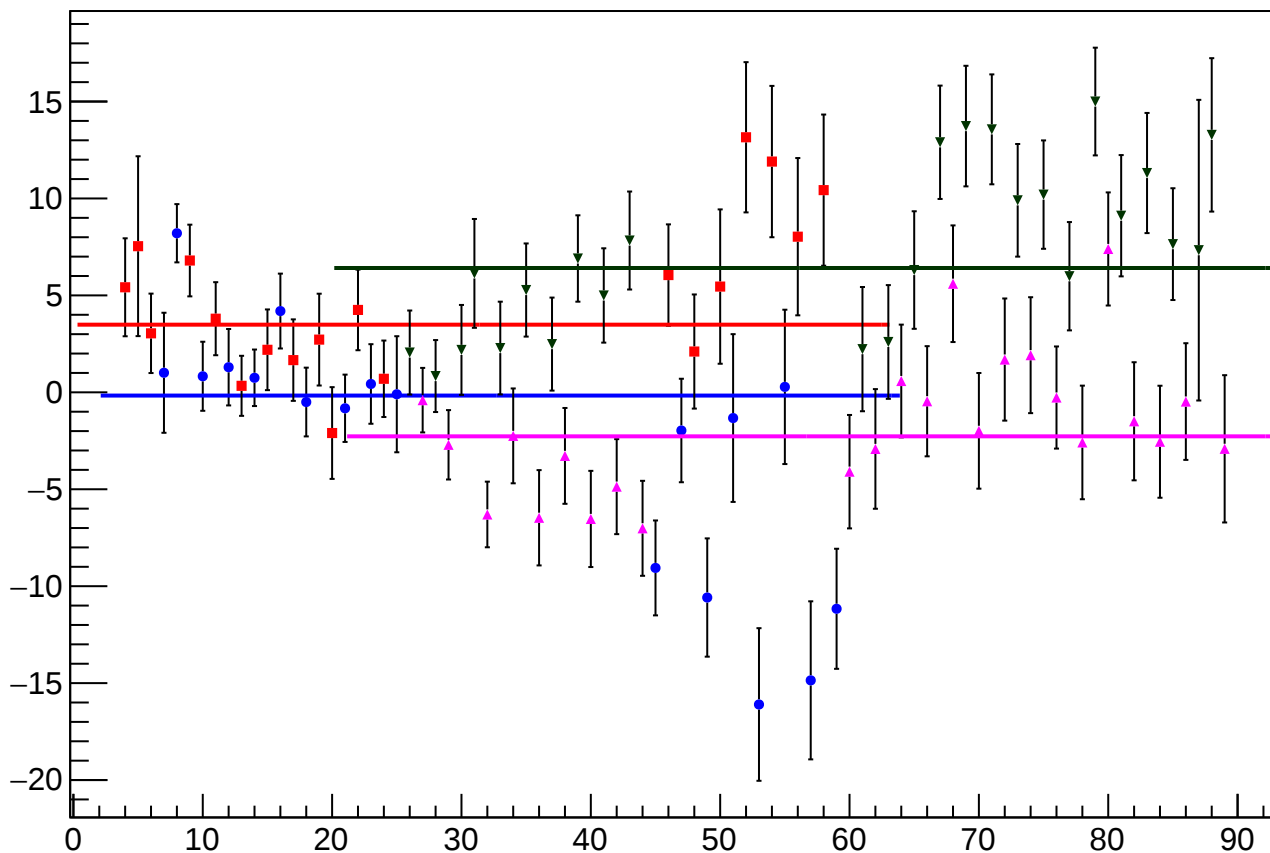
11189.720+/-1.685 χ^2/NDF : 3348814.4/42

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

11405.174+/-1.732 χ^2/NDF : 3160402.7/42

Left In: 12000.339+/-2.353 χ^2/NDF : 582267.5/23

diff_bpm0l09Y_mean vs slug



Right In: -0.167 ± 0.526 χ^2/NDF : 105.2/17

Left Out: 6.413 ± 0.539 χ^2/NDF : 62.5/24

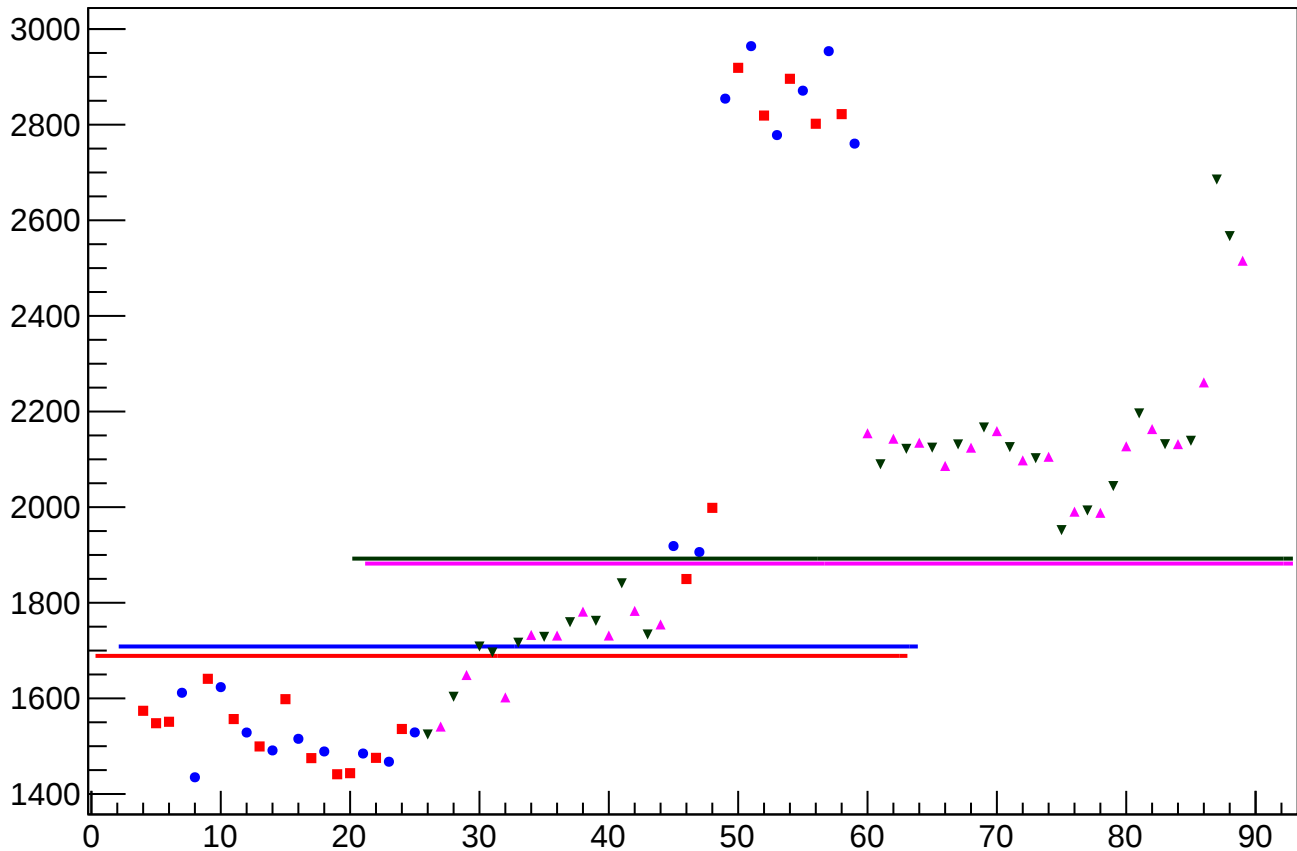
Right Out: 3.490 ± 0.549 χ^2/NDF : 34.4/18

Left In: -2.270 ± 0.520 χ^2/NDF : 42.1/23

3.042 ± 0.376 χ^2/NDF : 244.1/42

0.454 ± 0.377 χ^2/NDF : 134.6/42

diff_bpm0l09Y_rms vs slug



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

Left Out: 1892.368+/-0.381 χ^2/NDF : 388657.6/24

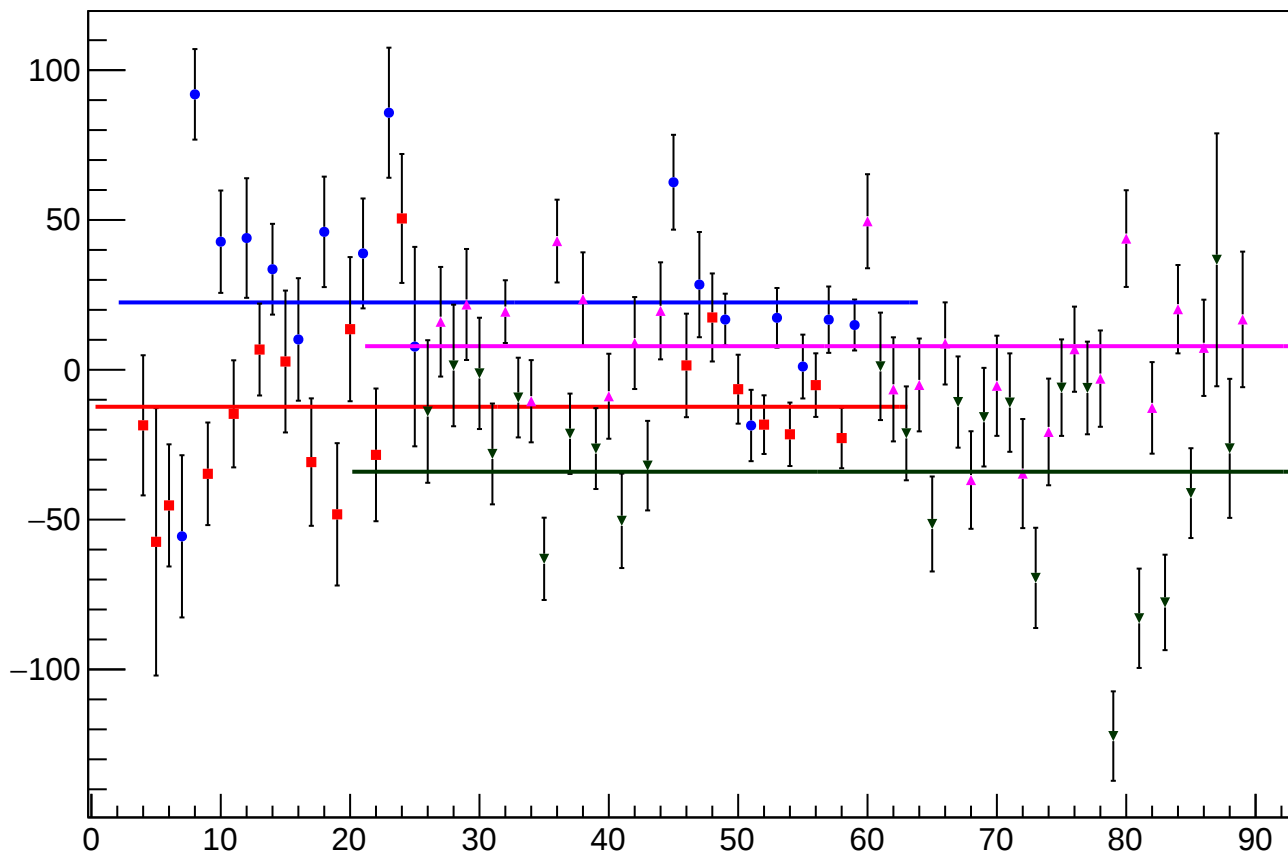
1798.192+/-0.266 χ^2/NDF : 1972460.6/42

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

1790.683+/-0.267 χ^2/NDF : 1643379.9/42

Left In: 1881.992+/-0.368 χ^2/NDF : 454305.4/23

diff_bpm0l10X_mean vs slug



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

Left Out: -34.020 ± 3.251 χ^2/NDF : 93.6/24

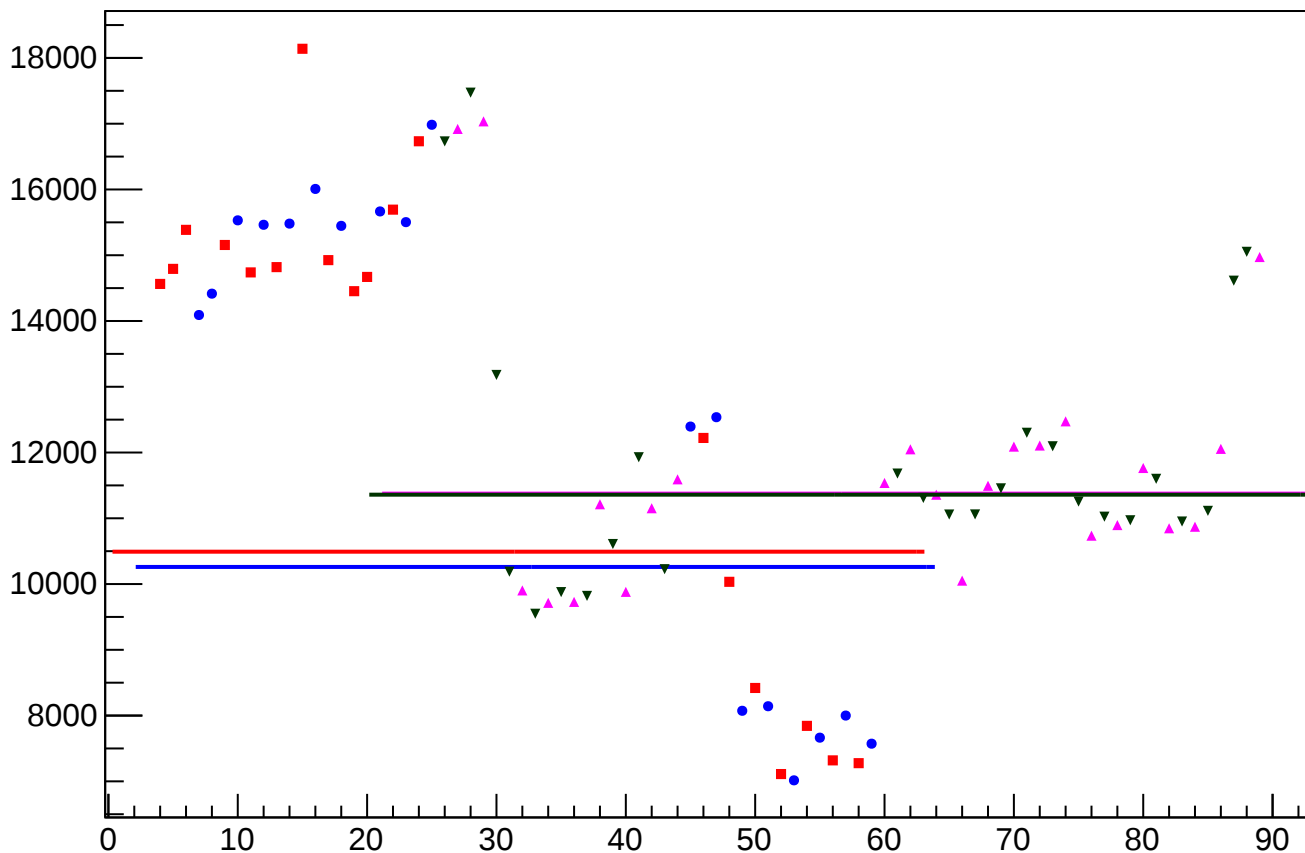
Right Out: -12.340 ± 3.516 χ^2/NDF : 28.3/18

Left In: 7.880 ± 3.155 χ^2/NDF : 45.9/23

-5.565 ± 2.291 χ^2/NDF : 314.0/42

-1.137 ± 2.348 χ^2/NDF : 92.5/42

diff_bpm0l10X_rms vs slug



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

Left Out: 11359.115+/-2.299 χ^2/NDF : 499436.4/24

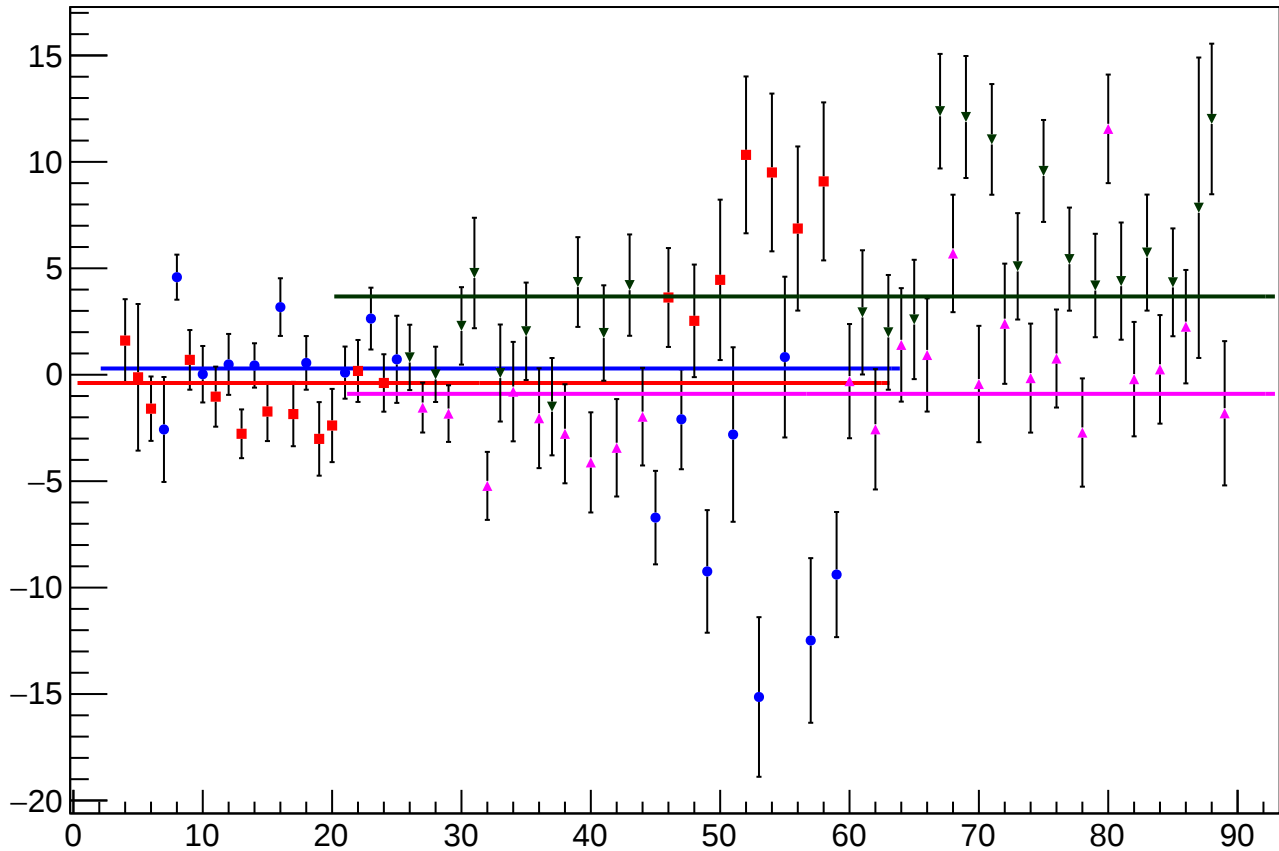
10805.629+/-1.620 χ^2/NDF : 2934505.6/42

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

10981.396+/-1.660 χ^2/NDF : 2802089.6/42

Left In: 11375.213+/-2.231 χ^2/NDF : 593332.3/23

diff_bpm0l10Y_mean vs slug



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

Left Out: 3.677 ± 0.465 χ^2/NDF : 62.4/24

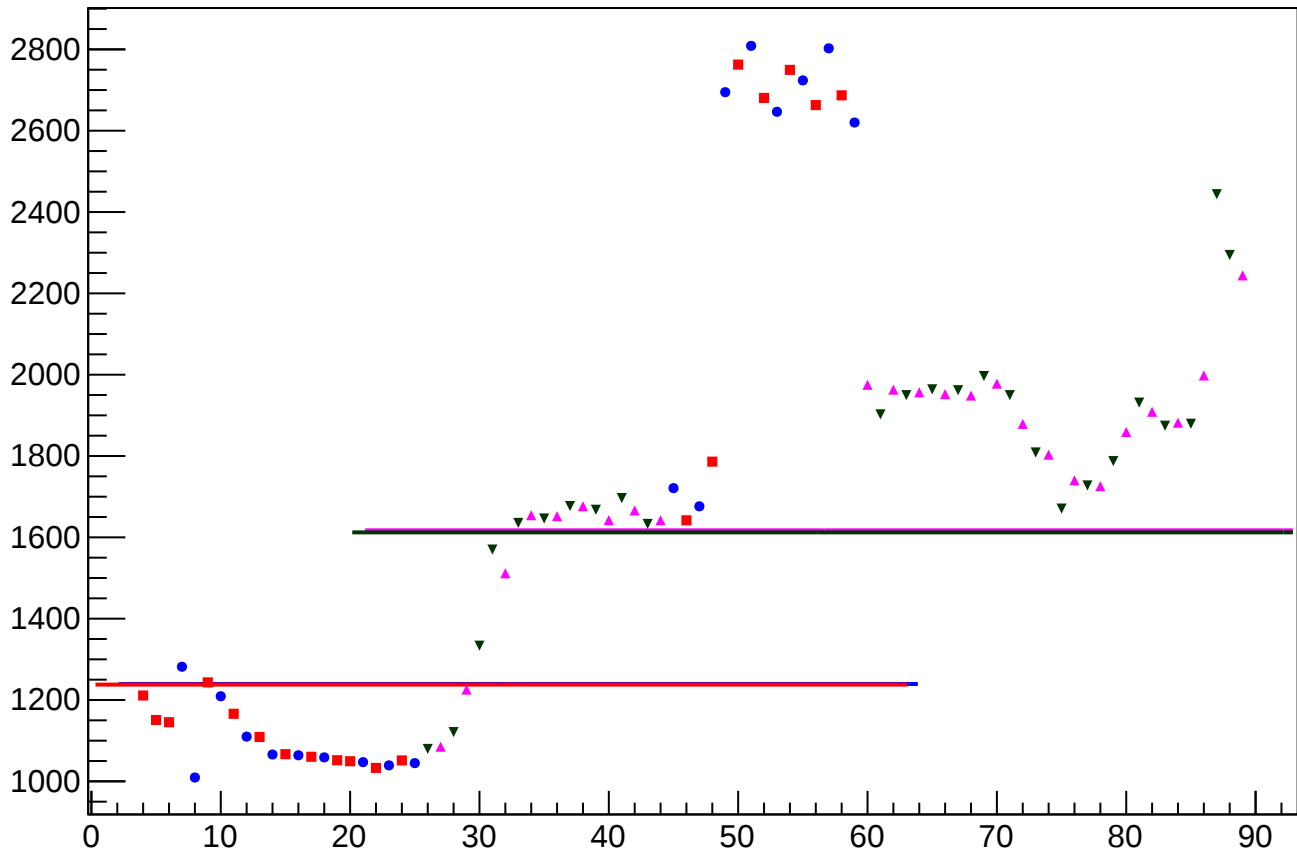
Right Out: -0.388 ± 0.412 χ^2/NDF : 44.0/18

Left In: -0.898 ± 0.452 χ^2/NDF : 47.7/23

1.704 ± 0.300 χ^2/NDF : 179.9/42

-0.619 ± 0.304 χ^2/NDF : 92.4/42

diff_bpm0l10Y_rms vs slug



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

Left Out: 1612.249+/-0.329 χ^2/NDF :965566.2/24

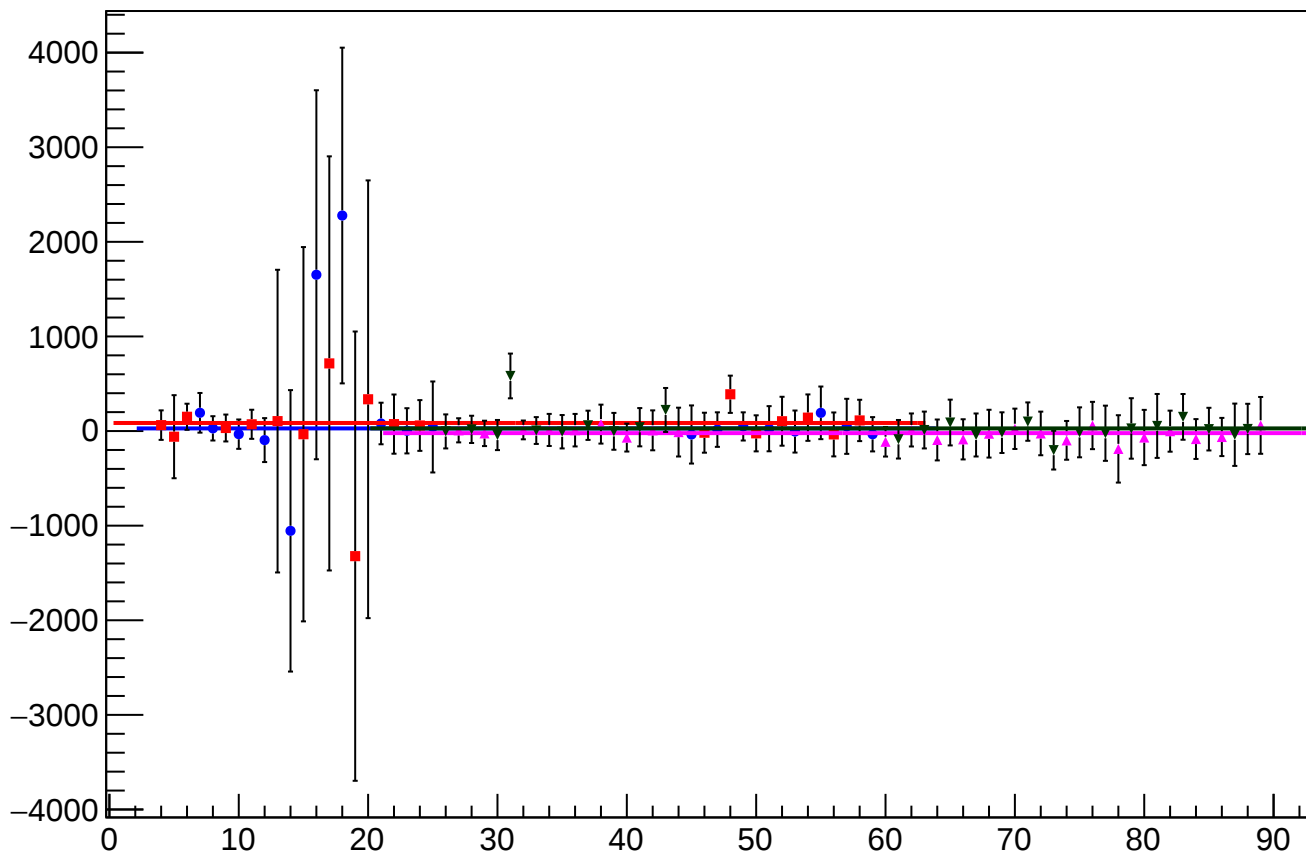
Right Out: 1237.907+/-0.291 χ^2/NDF : 1914347.8/18

Left In: 1617.283+/-0.319 χ^2/NDF :1001194.5/23

1394.715+/-0.212 χ^2/NDF : 4392557.5/42

1410.173+/-0.215 χ^2/NDF : 3686178.6/42

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: 27.954+/-41.137 χ^2/NDF : 8.8/24

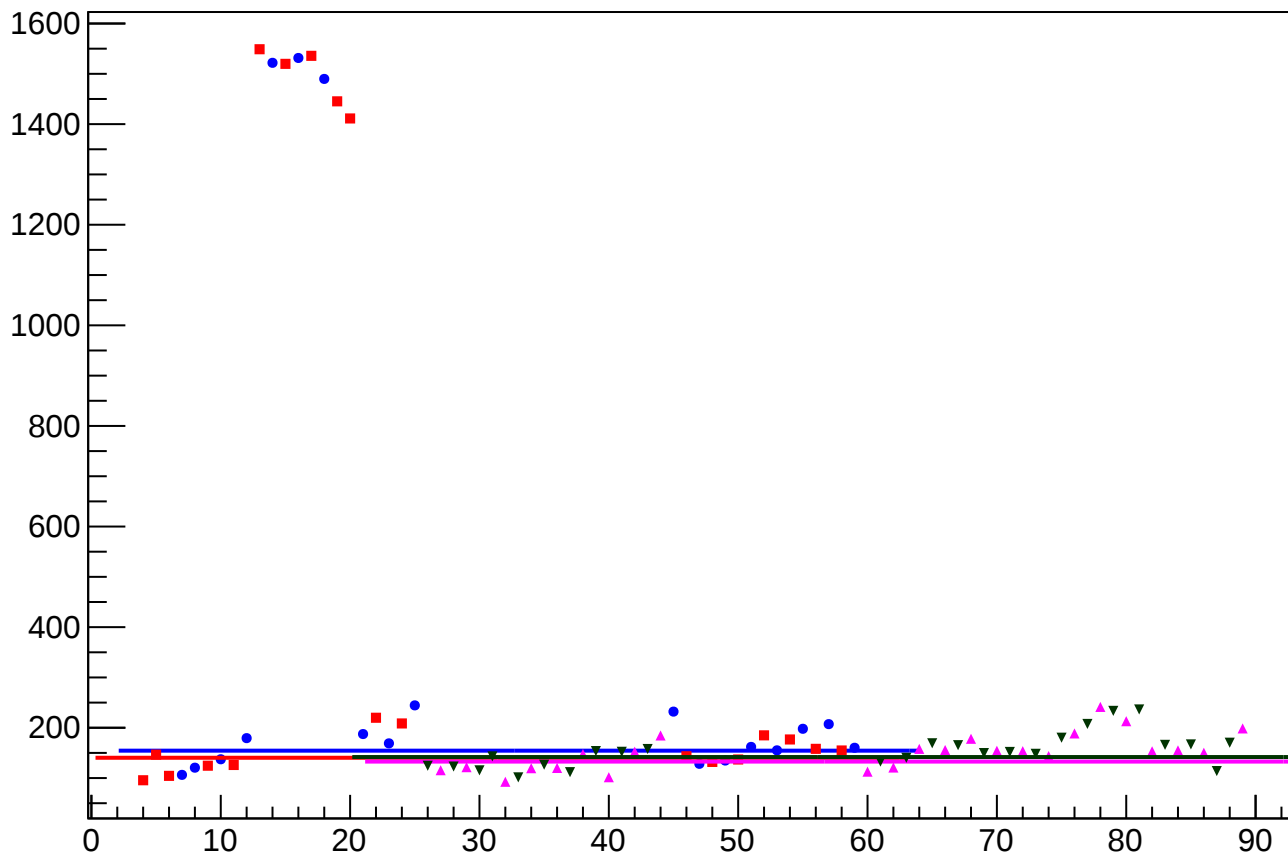
Right Out: 85.325+/-52.506 χ^2/NDF : 4.3/18

Left In: -21.940+/-37.612 χ^2/NDF : 1.9/23

27.924+/-32.333 χ^2/NDF : 13.4/42

14.436+/-30.576 χ^2/NDF : 8.9/42

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 141.757+/-0.029 χ^2/NDF : 991996.7/24

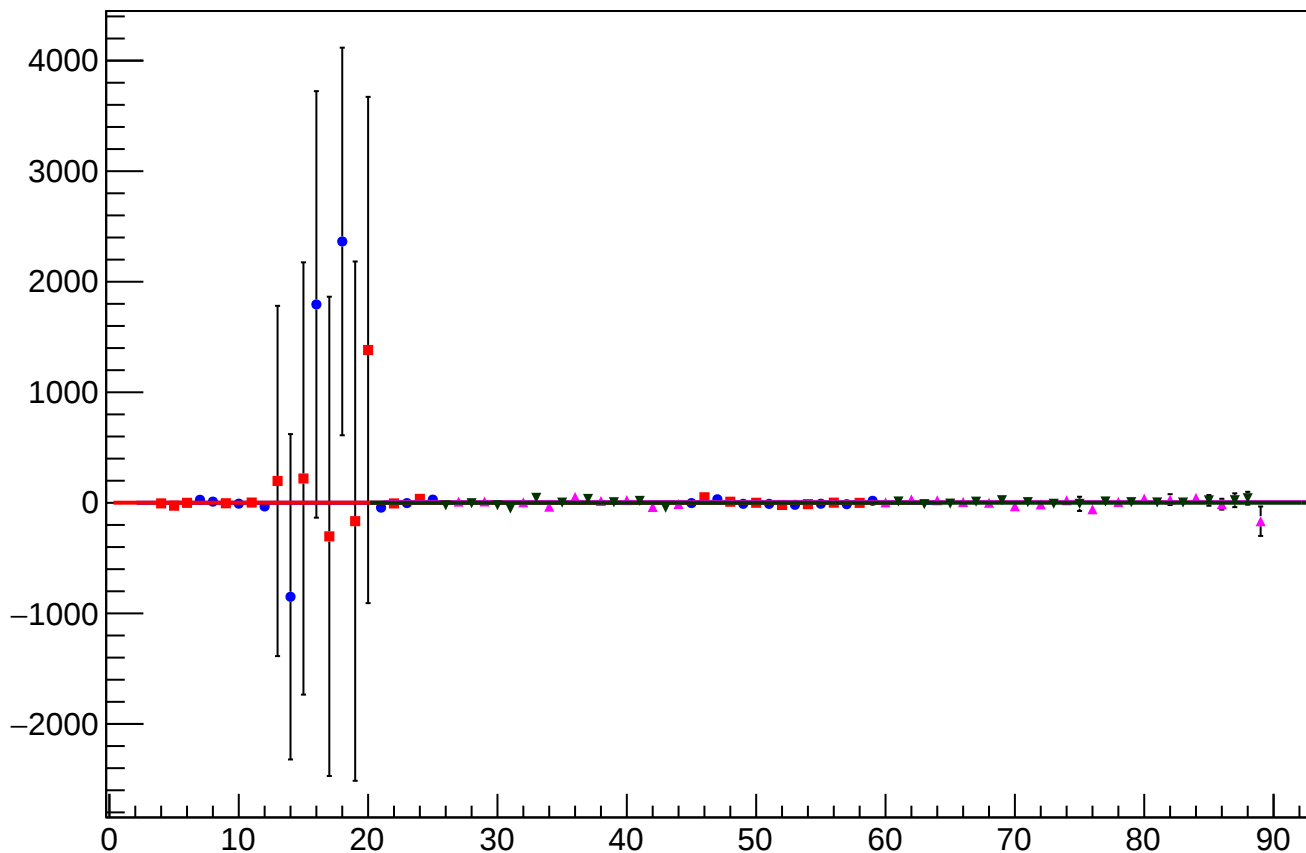
Right Out: 140.345+/-0.037 χ^2/NDF : 5274055.6/18

Left In: 132.739+/-0.027 χ^2/NDF : 1385875.7/23

146.609+/-0.023 χ^2/NDF : 5621541.1/42

135.318+/-0.022 χ^2/NDF : 6687672.6/42

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: 1.042+/-5.049 χ^2/NDF :17.5/24

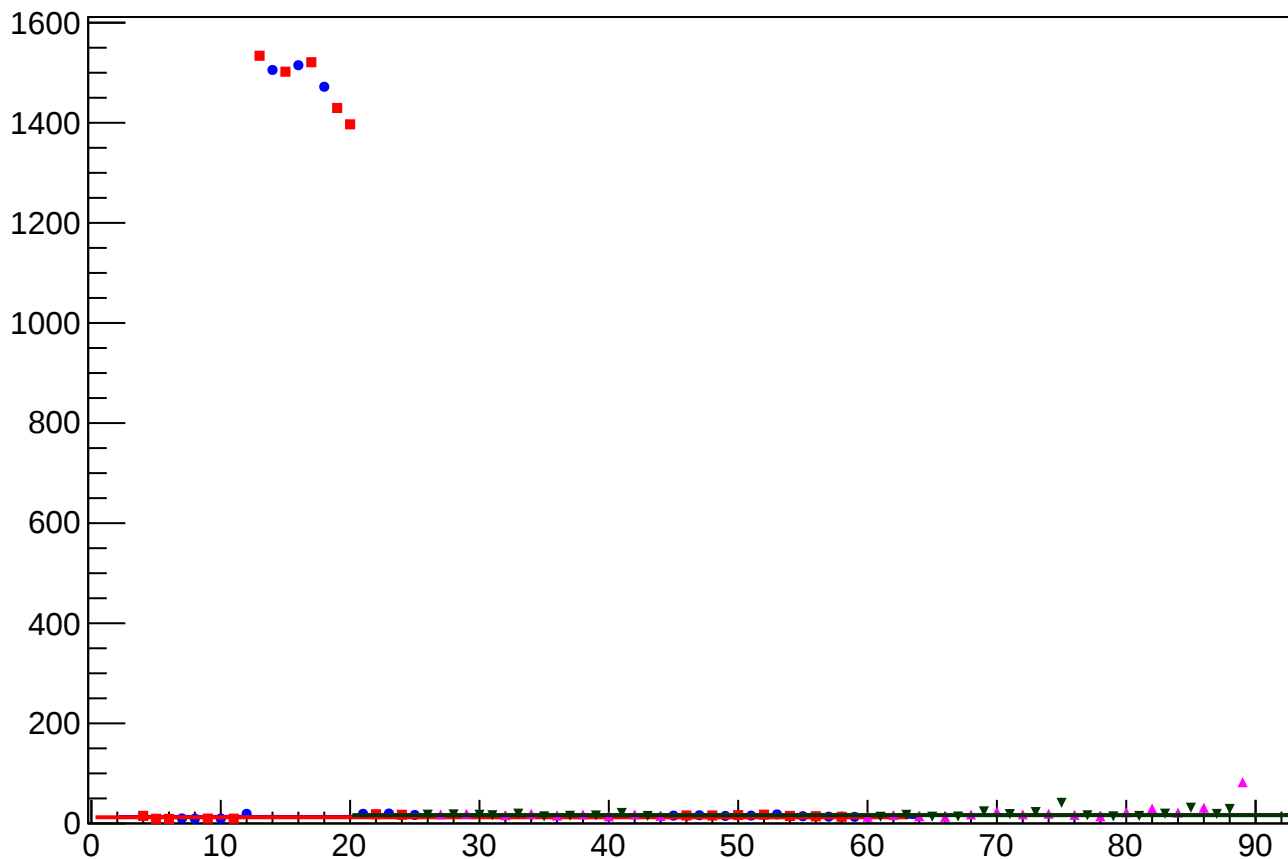
Right Out: 1.382+/-4.789 χ^2/NDF : 9.5/18

Left In: 6.670+/-5.043 χ^2/NDF :25.2/23

0.791+/-3.406 χ^2/NDF : 34.1/42

3.889+/-3.472 χ^2/NDF : 35.2/42

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: 16.580 $\pm$ 0.004 χ^2 /NDF: 1071944.8/24

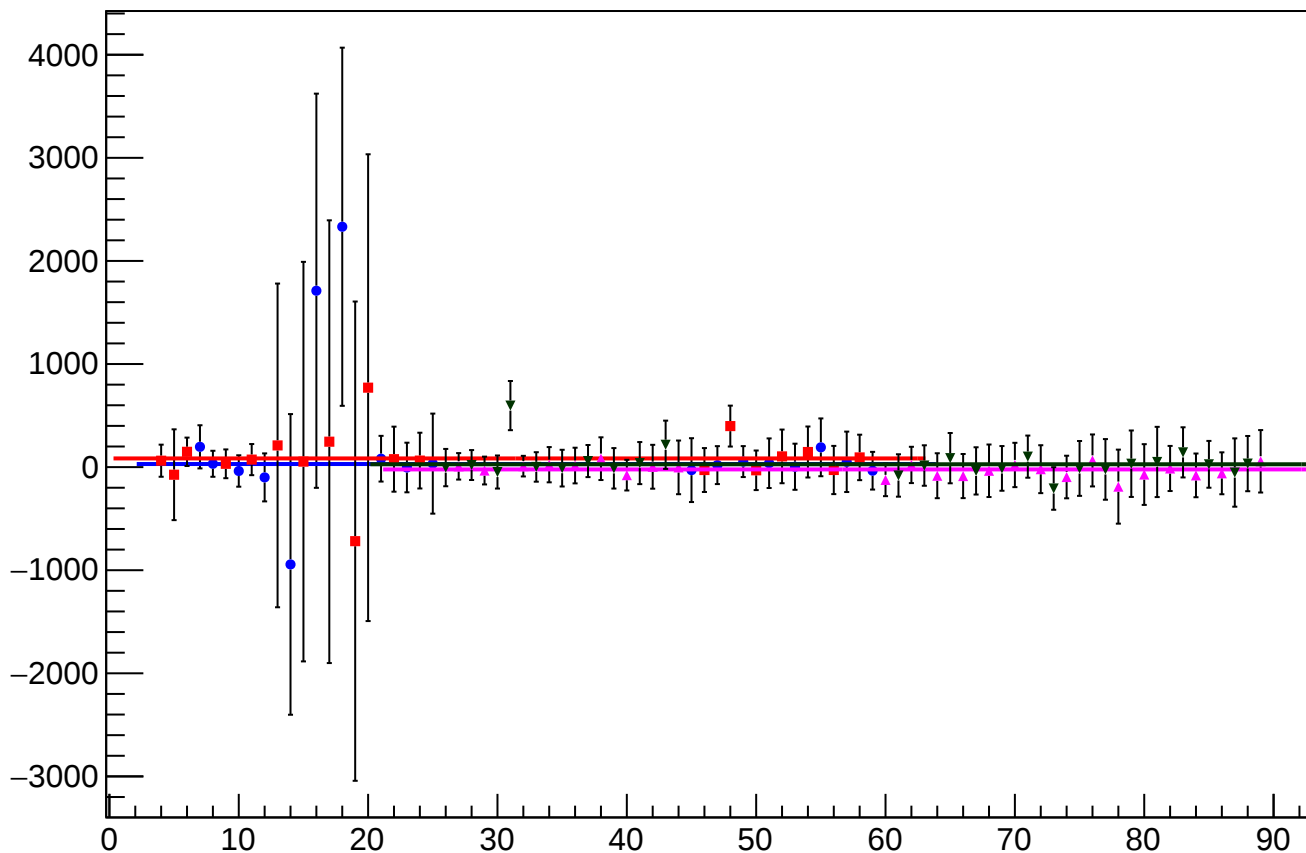
Right Out: 12.312 $\pm$ 0.003 χ^2 /NDF: 6373010.7/18

Left In: 16.972 $\pm$ 0.004 χ^2 /NDF: 1327273.7/23

14.637 $\pm$ 0.002 χ^2 /NDF: 7311632.4/42

14.522 $\pm$ 0.002 χ^2 /NDF: 8598418.1/42

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: 27.648+/-41.459 χ^2/NDF : 9.0/24

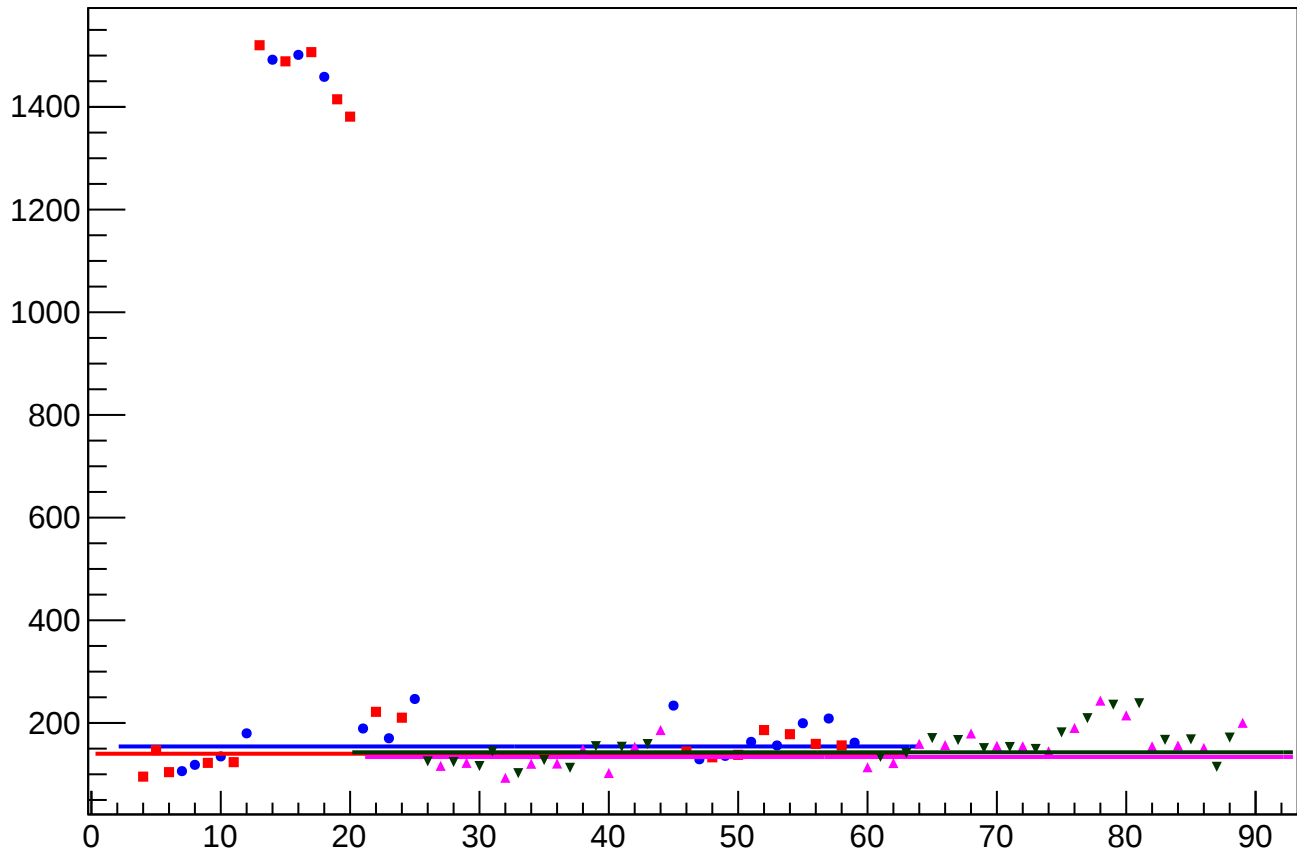
Right Out: 84.316+/-52.424 χ^2/NDF : 4.2/18

Left In: -22.266+/-37.899 χ^2/NDF : 2.1/23

28.561+/-32.481 χ^2/NDF : 13.7/42

14.317+/-30.714 χ^2/NDF : 8.9/42

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: 142.863+/-0.029 χ^2/NDF : 992785.6/24

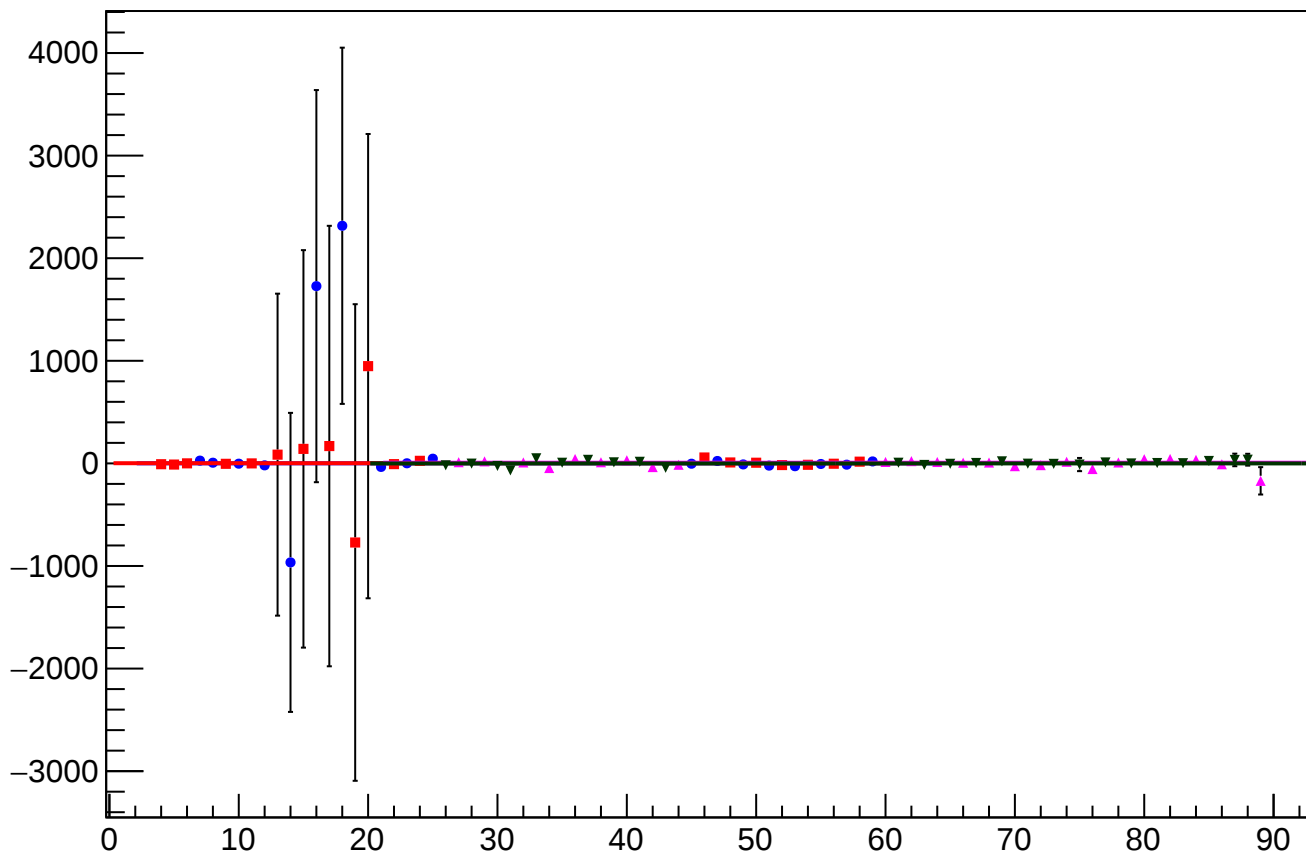
147.255+/-0.023 χ^2/NDF : 5635748.6/42

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

135.906+/-0.022 χ^2/NDF : 6698442.5/42

Left In: 133.740+/-0.027 χ^2/NDF : 1389496.5/23

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.652 ± 4.315 $\chi^2/\text{NDF}: 16.0/17$

Left Out: -0.308 ± 4.945 $\chi^2/\text{NDF}: 20.4/24$

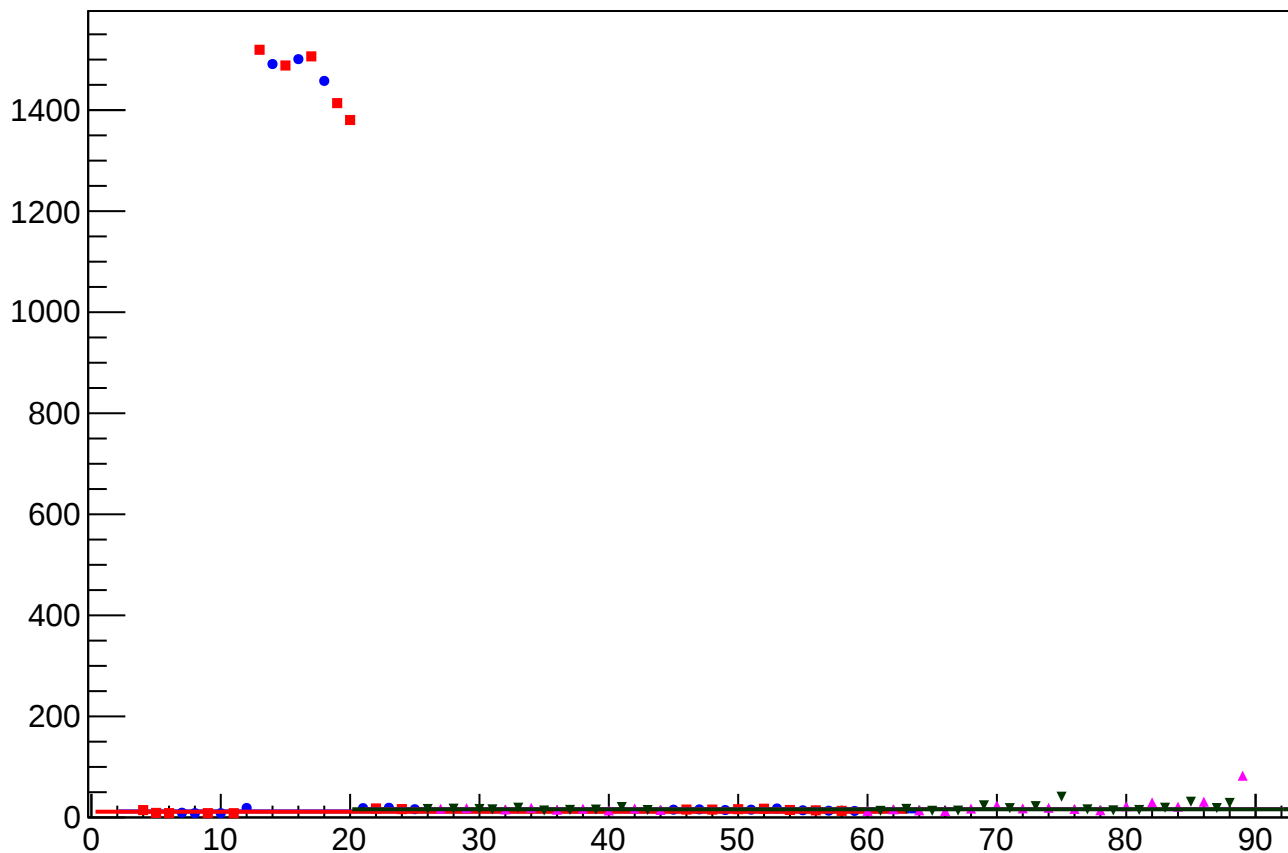
Right Out: 1.782 ± 4.470 $\chi^2/\text{NDF}: 10.1/18$

Left In: 6.609 ± 4.939 $\chi^2/\text{NDF}: 24.3/23$

0.237 ± 3.251 $\chi^2/\text{NDF}: 36.4/42$

3.955 ± 3.314 $\chi^2/\text{NDF}: 35.0/42$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



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

Left Out: 16.207 $\pm$ 0.003 χ^2 /NDF: 1084503.8/24

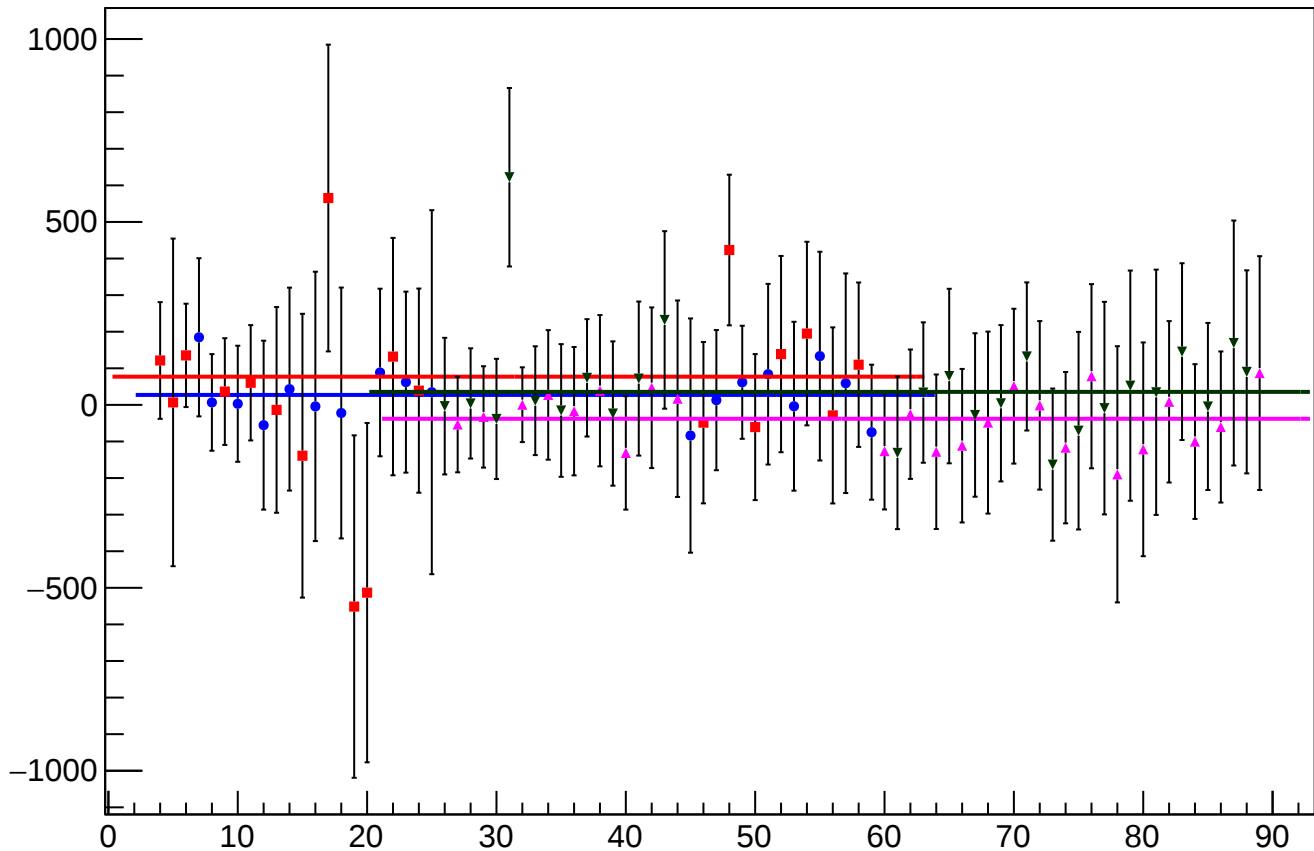
Right Out: 11.361 $\pm$ 0.003 χ^2 /NDF: 6645877.2/18

Left In: 16.586 $\pm$ 0.003 χ^2 /NDF: 1342131.7/23

13.826 $\pm$ 0.002 χ^2 /NDF: 7962544.5/42

13.713 $\pm$ 0.002 χ^2 /NDF: 9218502.9/42

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: 35.571+/-42.020 χ^2/NDF : 9.5/24

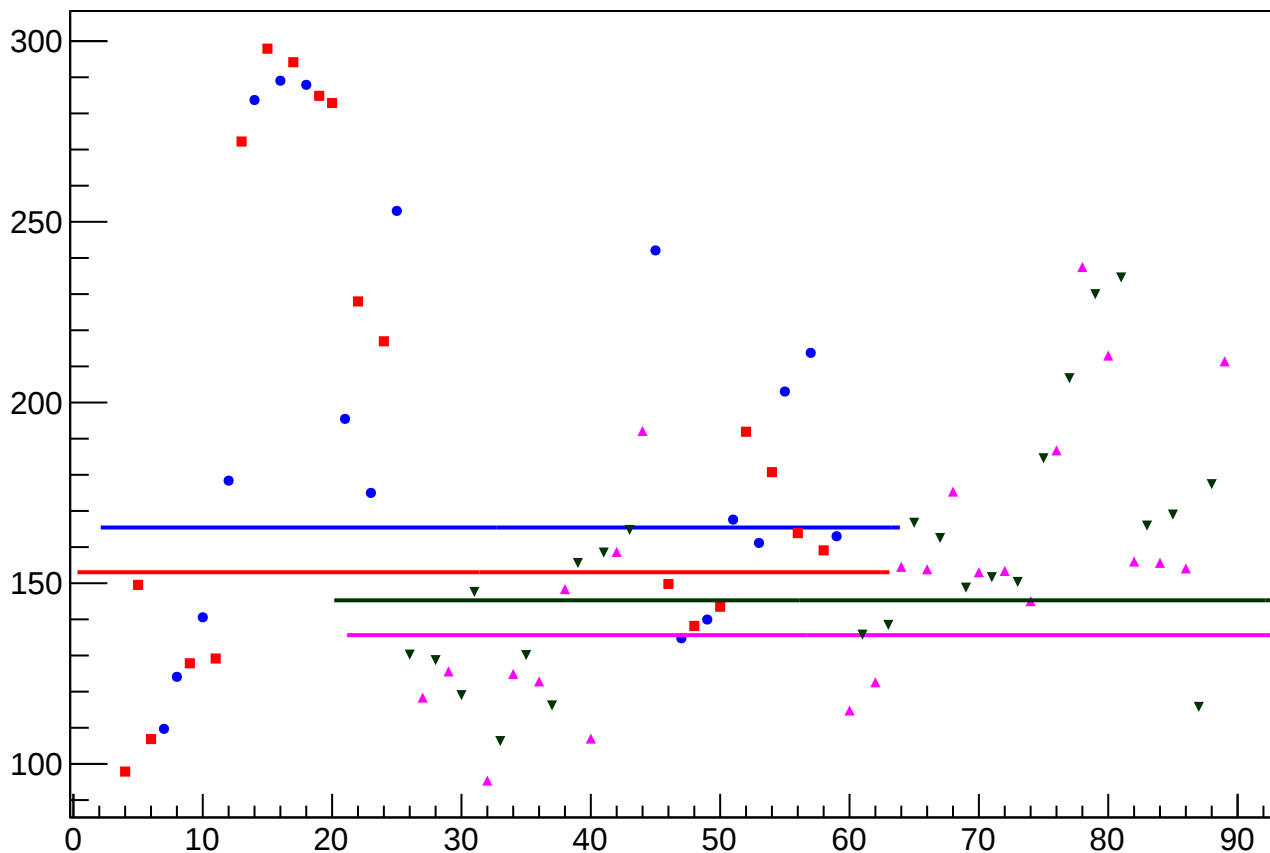
Right Out: 77.113+/-51.687 χ^2/NDF : 9.7/18

Left In: -37.986+/-38.367 χ^2/NDF : 2.7/23

32.260+/-32.637 χ^2/NDF : 11.1/42

2.903+/-30.807 χ^2/NDF : 15.7/42

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: 145.270 ± 0.030 $\chi^2/\text{NDF}: 867405.8/24$

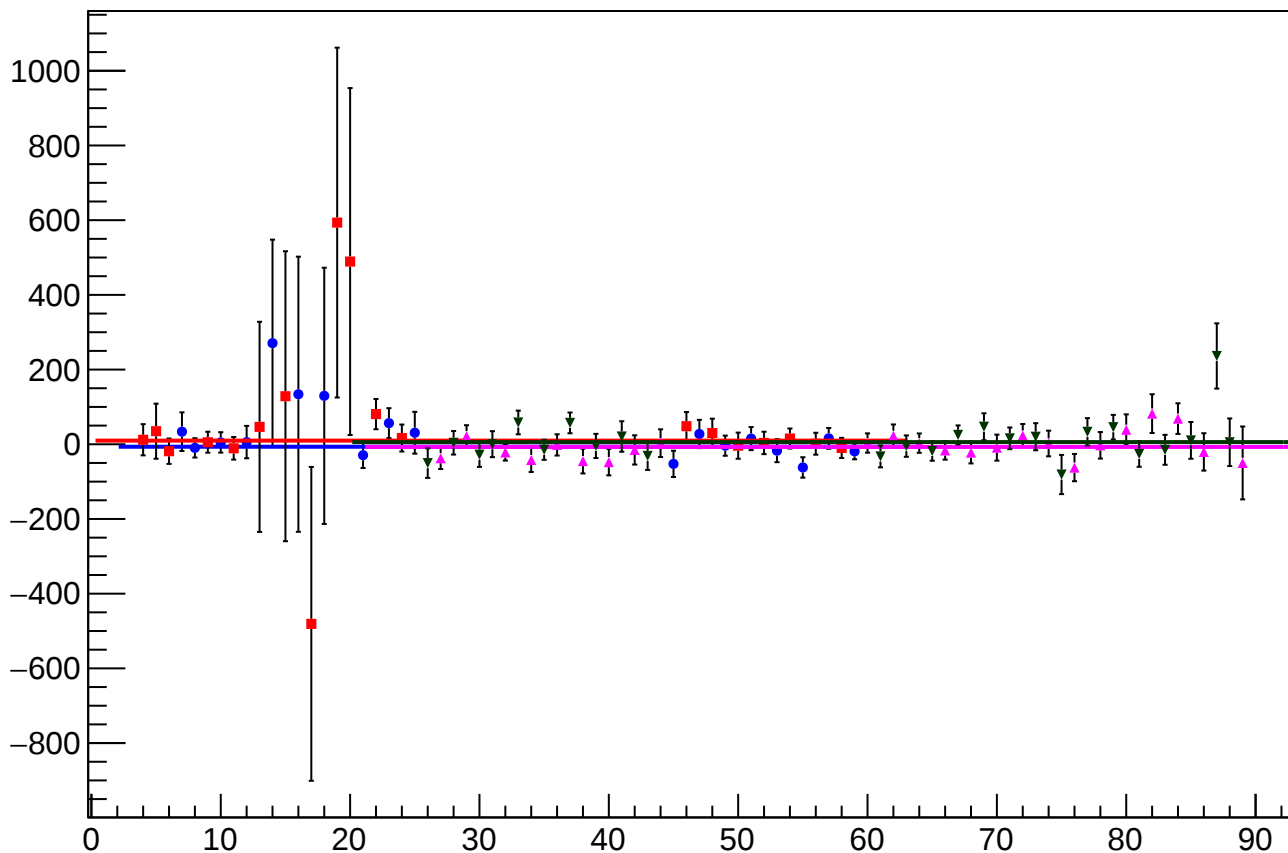
Right Out: 153.039 ± 0.037 $\chi^2/\text{NDF}: 2037868.3/18$

Left In: 135.640 ± 0.027 $\chi^2/\text{NDF}: 1271703.9/23$

153.263 ± 0.023 $\chi^2/\text{NDF}: 2686260.2/42$

141.821 ± 0.022 $\chi^2/\text{NDF}: 3455699.1/42$

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -6.569 ± 8.065 $\chi^2/\text{NDF}: 13.8/17$

Left Out: 5.817 ± 6.778 $\chi^2/\text{NDF}: 28.8/24$

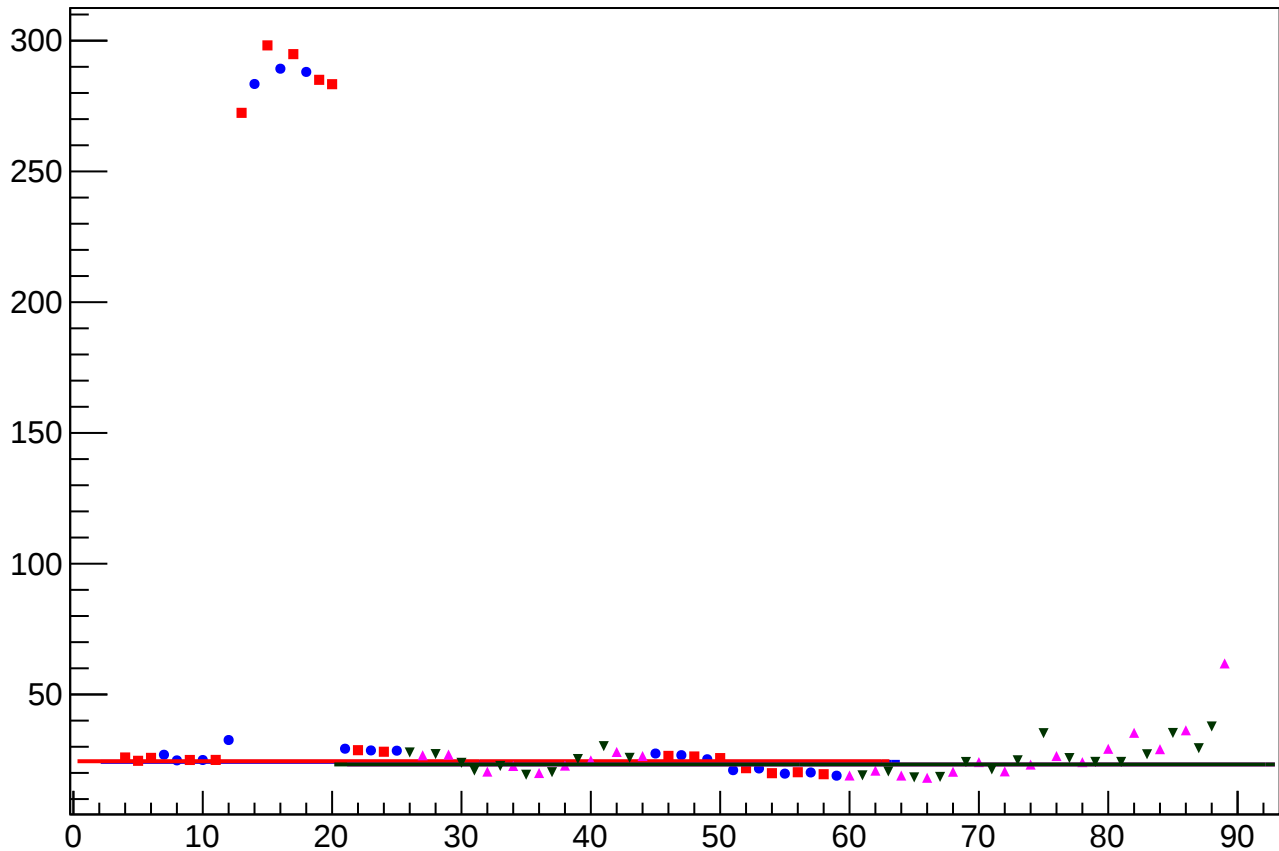
Right Out: 9.755 ± 8.898 $\chi^2/\text{NDF}: 10.7/18$

Left In: -7.128 ± 6.606 $\chi^2/\text{NDF}: 19.3/23$

0.690 ± 5.189 $\chi^2/\text{NDF}: 44.0/42$

-1.129 ± 5.304 $\chi^2/\text{NDF}: 32.3/42$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 23.246+/-0.005 χ^2/NDF : 793045.4/24

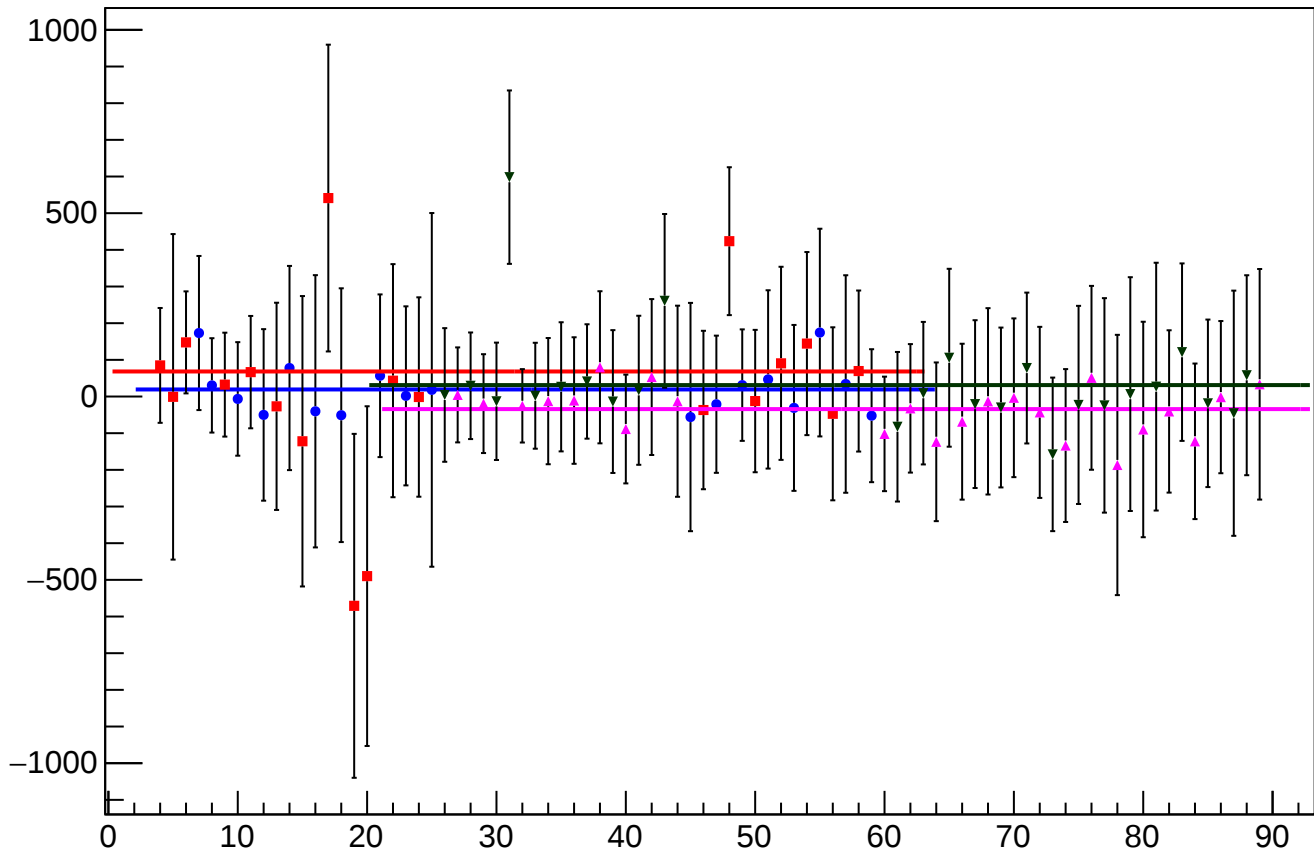
Right Out: 24.466+/-0.006 χ^2/NDF : 4859985.2/18

Left In: 23.222+/-0.005 χ^2/NDF : 1066278.0/23

23.651+/-0.004 χ^2/NDF : 5223380.7/42

23.664+/-0.004 χ^2/NDF : 5951444.1/42

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: 31.194+/-41.496 χ^2/NDF : 8.6/24

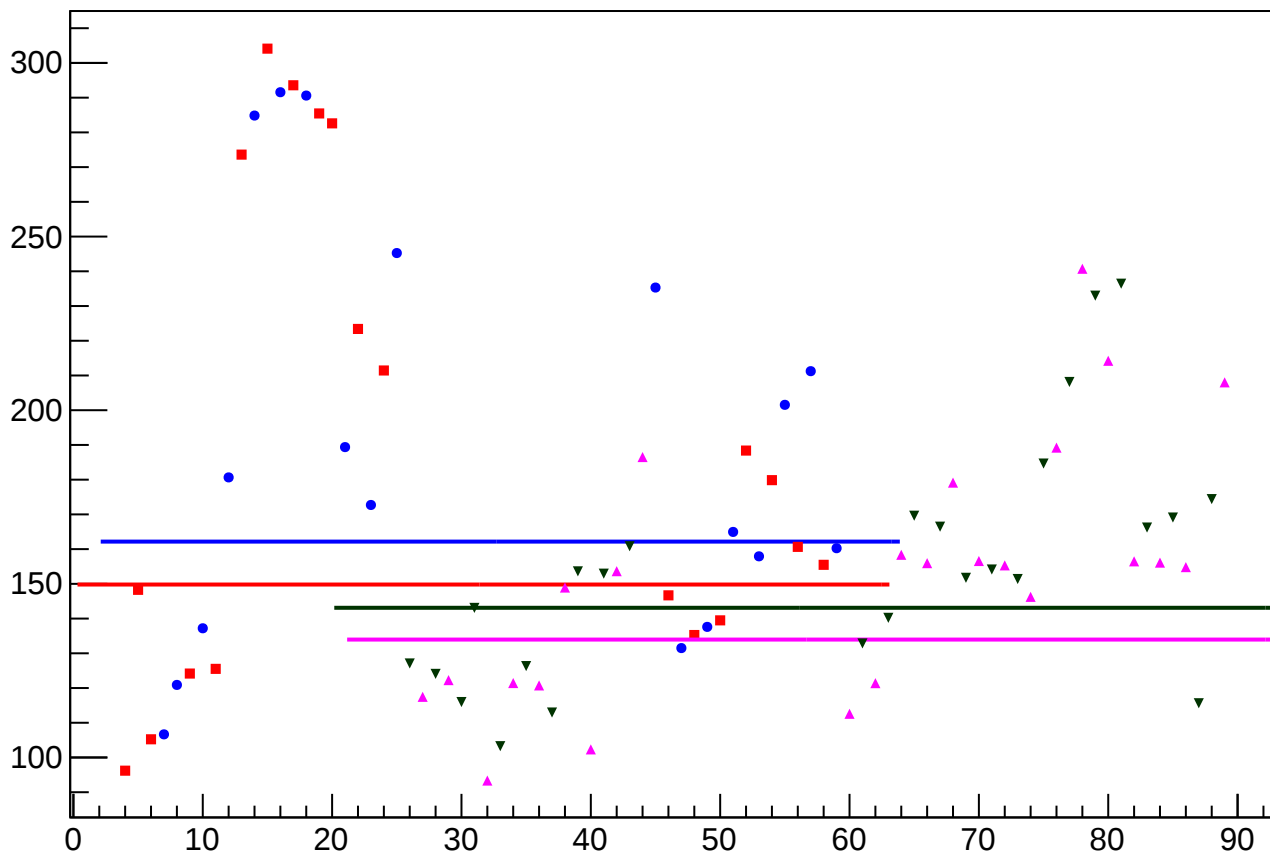
Right Out: 68.308+/-50.710 χ^2/NDF : 9.3/18

Left In: -34.304+/-37.959 χ^2/NDF : 2.0/23

26.432+/-32.166 χ^2/NDF : 10.1/42

2.544+/-30.388 χ^2/NDF : 13.9/42

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.166 $\pm$ 0.036 χ^2 /NDF: 1720612.8/17

Left Out: 143.107 $\pm$ 0.029 χ^2 /NDF: 978002.4/24

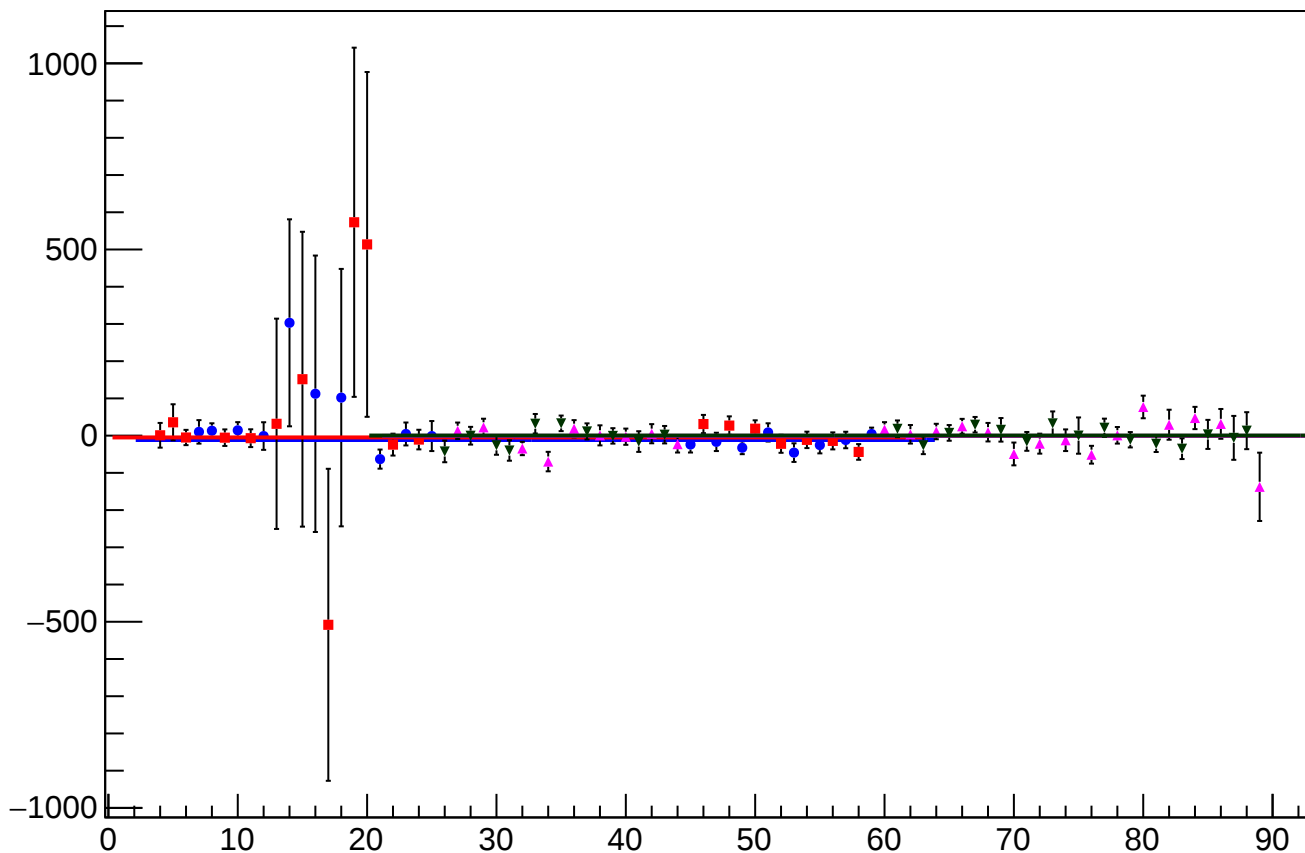
Right Out: 149.803 $\pm$ 0.036 χ^2 /NDF: 2114602.4/18

Left In: 133.956 $\pm$ 0.027 χ^2 /NDF: 1403302.2/23

150.714 $\pm$ 0.023 χ^2 /NDF: 2867021.3/42

139.647 $\pm$ 0.021 χ^2 /NDF: 3643091.6/42

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: 0.234 $\pm$ 5.125 χ^2/NDF : 19.2/24

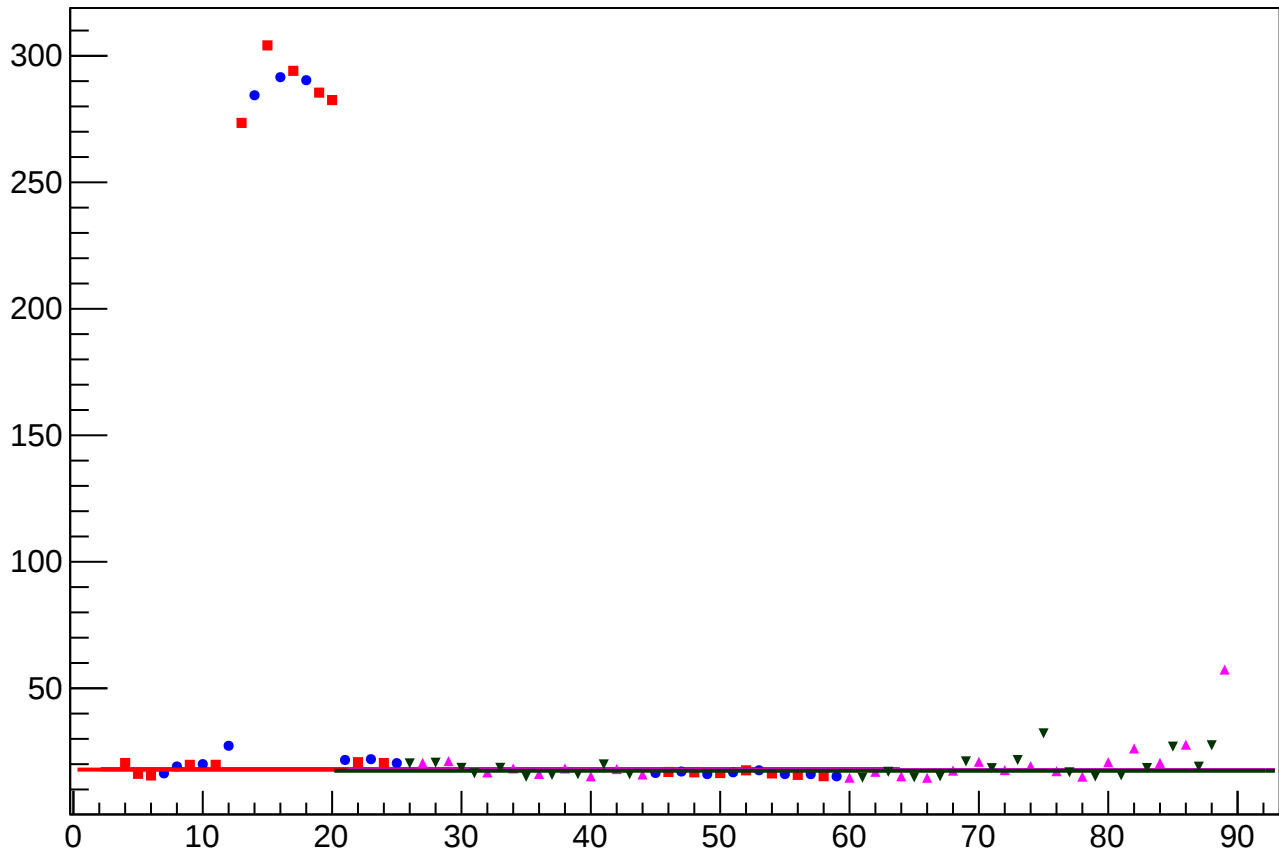
Right Out: -4.846 $\pm$ 6.550 χ^2/NDF : 14.7/18

Left In: -0.659 $\pm$ 5.073 χ^2/NDF : 36.8/23

-4.771 $\pm$ 3.906 χ^2/NDF : 36.5/42

-2.229 $\pm$ 4.011 χ^2/NDF : 51.7/42

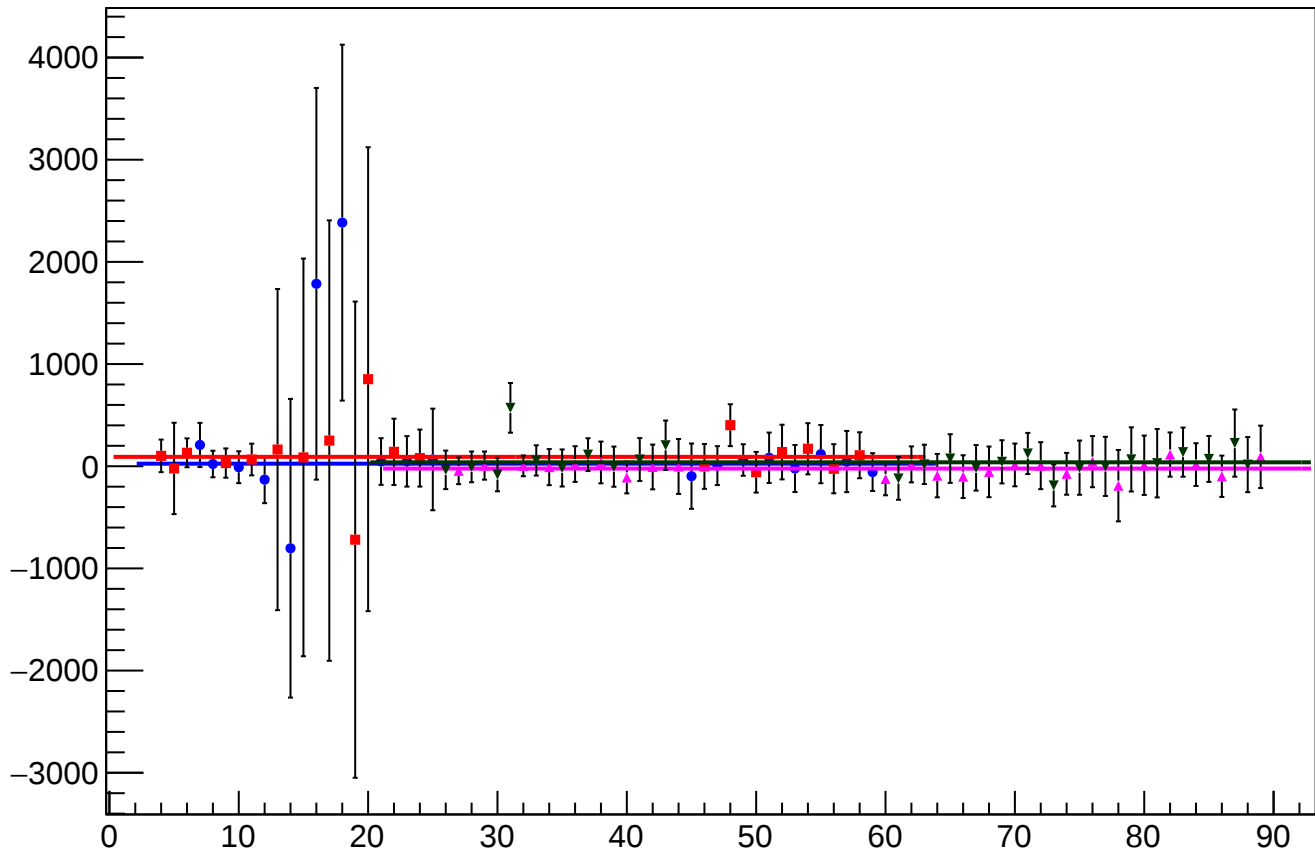
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.988 $\pm$ 0.004 χ^2/NDF : 4525208.5/17
 Left Out: 17.406 $\pm$ 0.004 χ^2/NDF : 714235.7/24
 Right Out: 17.855 $\pm$ 0.005 χ^2/NDF : 5034119.1/18
 Left In: 17.679 $\pm$ 0.004 χ^2/NDF : 942093.0/23

17.650 $\pm$ 0.003 χ^2/NDF : 5250252.2/42
 17.745 $\pm$ 0.003 χ^2/NDF : 5977110.6/42

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: 38.390+/-41.856 χ^2/NDF : 9.1/24

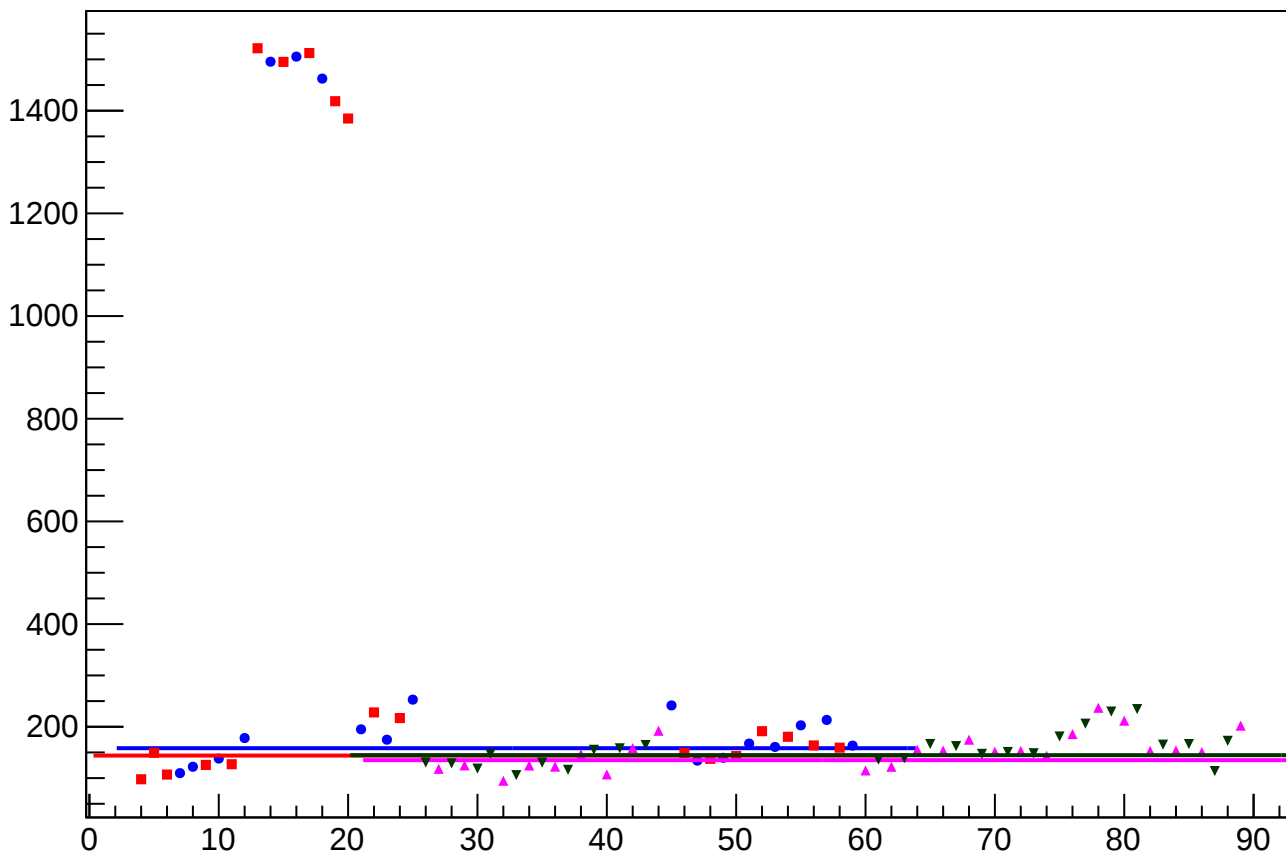
Right Out: 91.771+/-53.823 χ^2/NDF : 4.0/18

Left In: -22.816+/-38.157 χ^2/NDF : 2.5/23

33.354+/-32.975 χ^2/NDF : 14.0/42

15.511+/-31.128 χ^2/NDF : 9.5/42

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 144.688 $\pm$ 0.030 χ^2 /NDF:854066.1/24

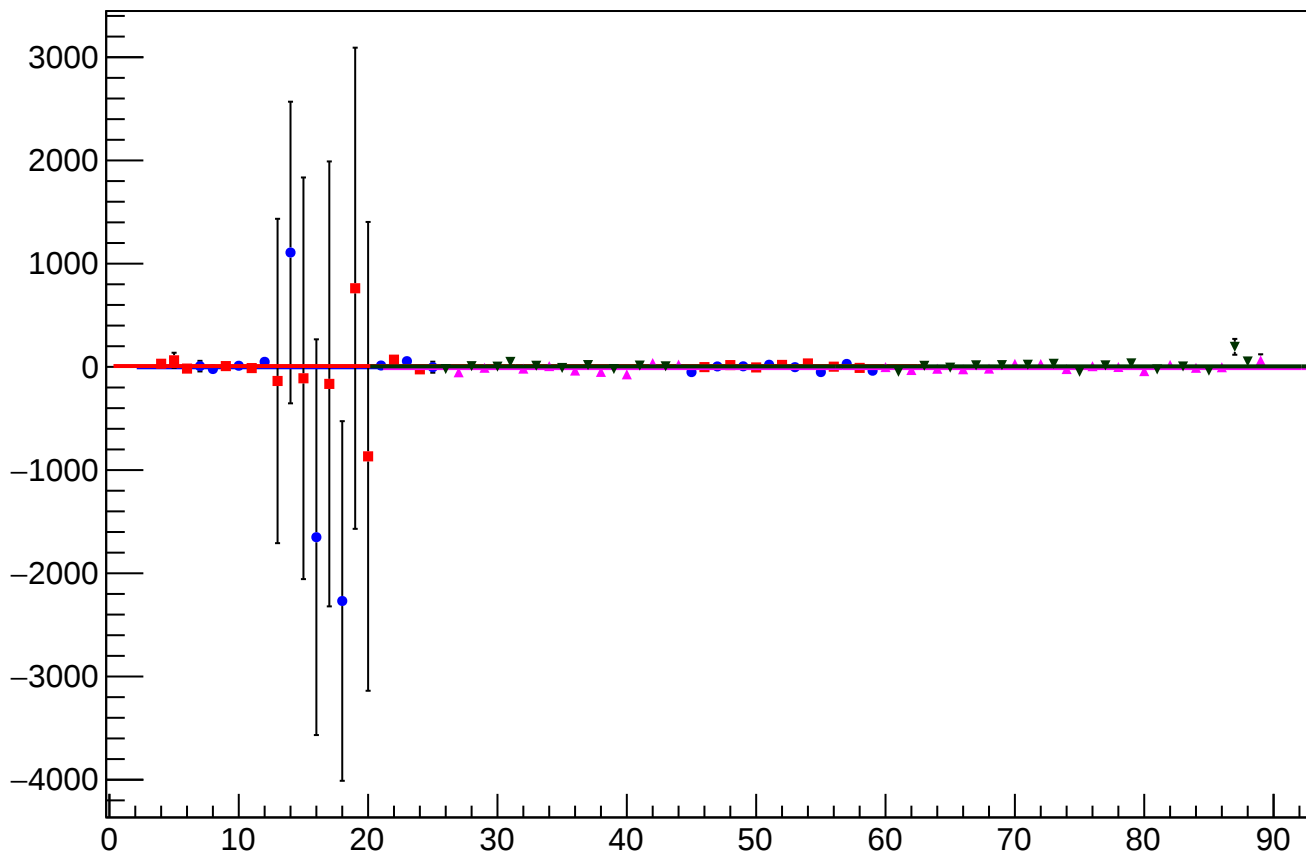
149.843 $\pm$ 0.023 χ^2 /NDF: 5473015.3/42

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

137.959 $\pm$ 0.022 χ^2 /NDF: 6550415.9/42

Left In: 134.953 $\pm$ 0.027 χ^2 /NDF:1245328.7/23

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: 4.942+/-6.284 χ^2 /NDF: 20.5/24

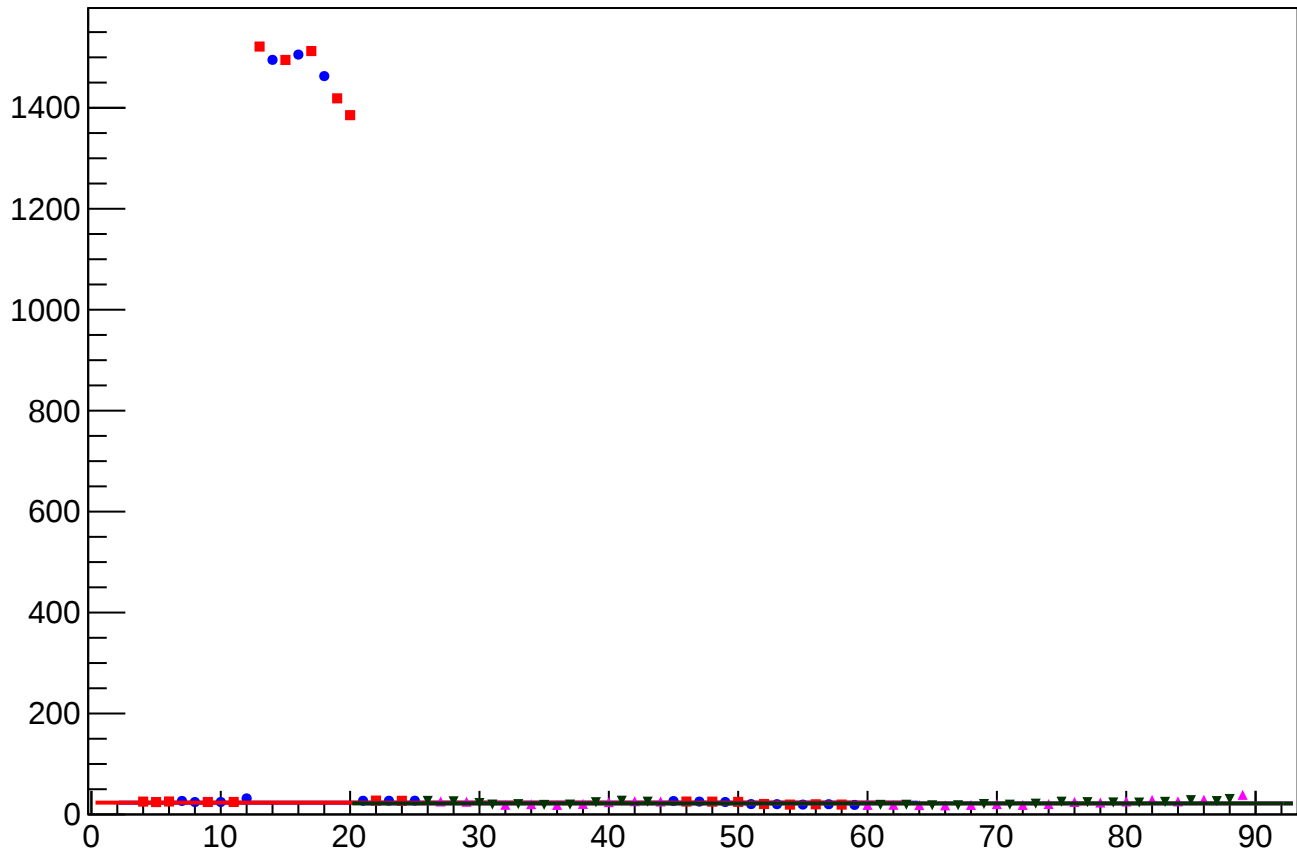
Right Out: 7.973+/-8.718 χ^2 /NDF: 7.3/18

Left In: -11.891+/-6.094 χ^2 /NDF: 18.8/23

1.436+/-4.912 χ^2 /NDF: 38.9/42

-5.371+/-4.995 χ^2 /NDF: 29.6/42

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 21.899+/-0.004 χ^2/NDF : 531004.4/24

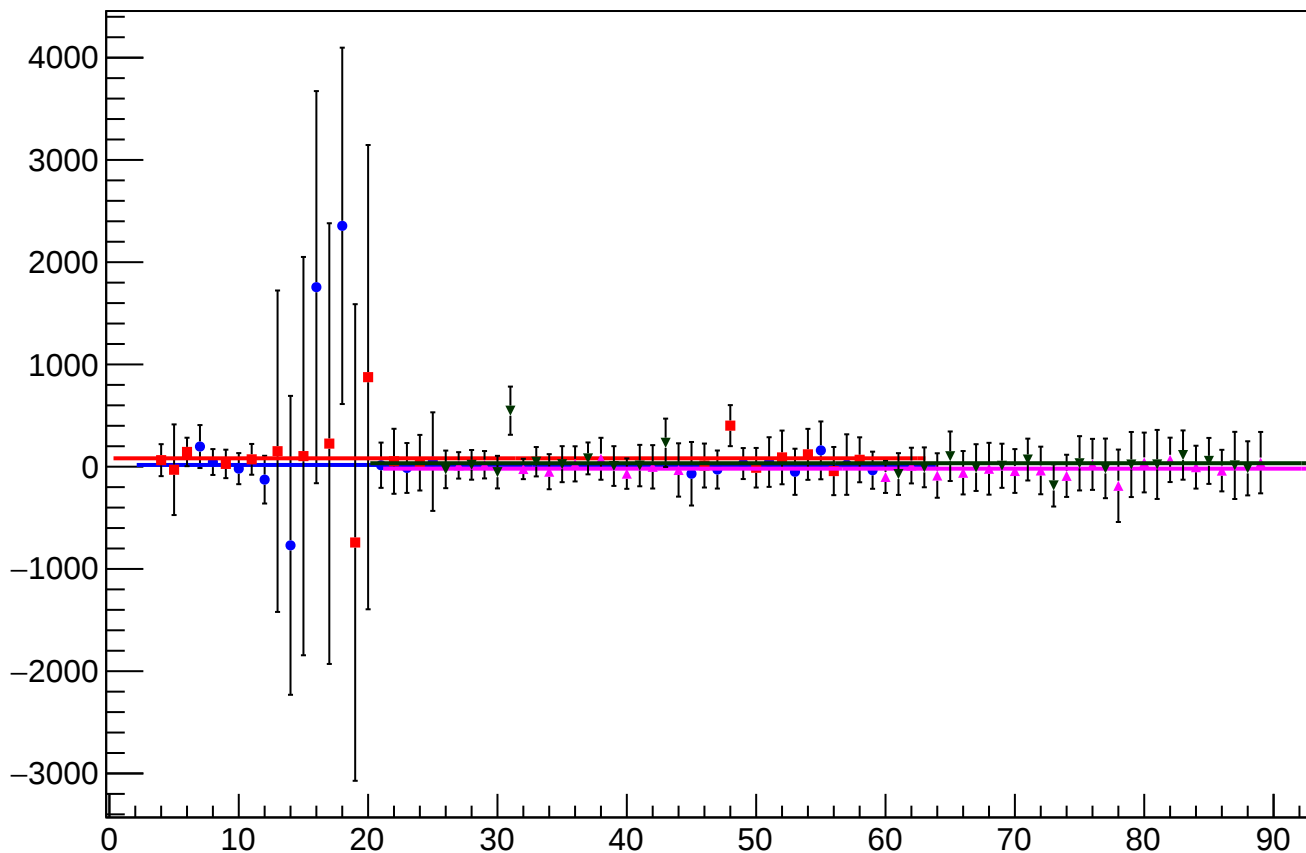
Right Out: 23.445+/-0.006 χ^2/NDF : 5561556.7/18

Left In: 21.824+/-0.004 χ^2/NDF : 734883.9/23

22.458+/-0.003 χ^2/NDF : 5536907.4/42

22.356+/-0.004 χ^2/NDF : 6342906.5/42

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: 33.920+/-41.333 χ^2/NDF : 7.8/24

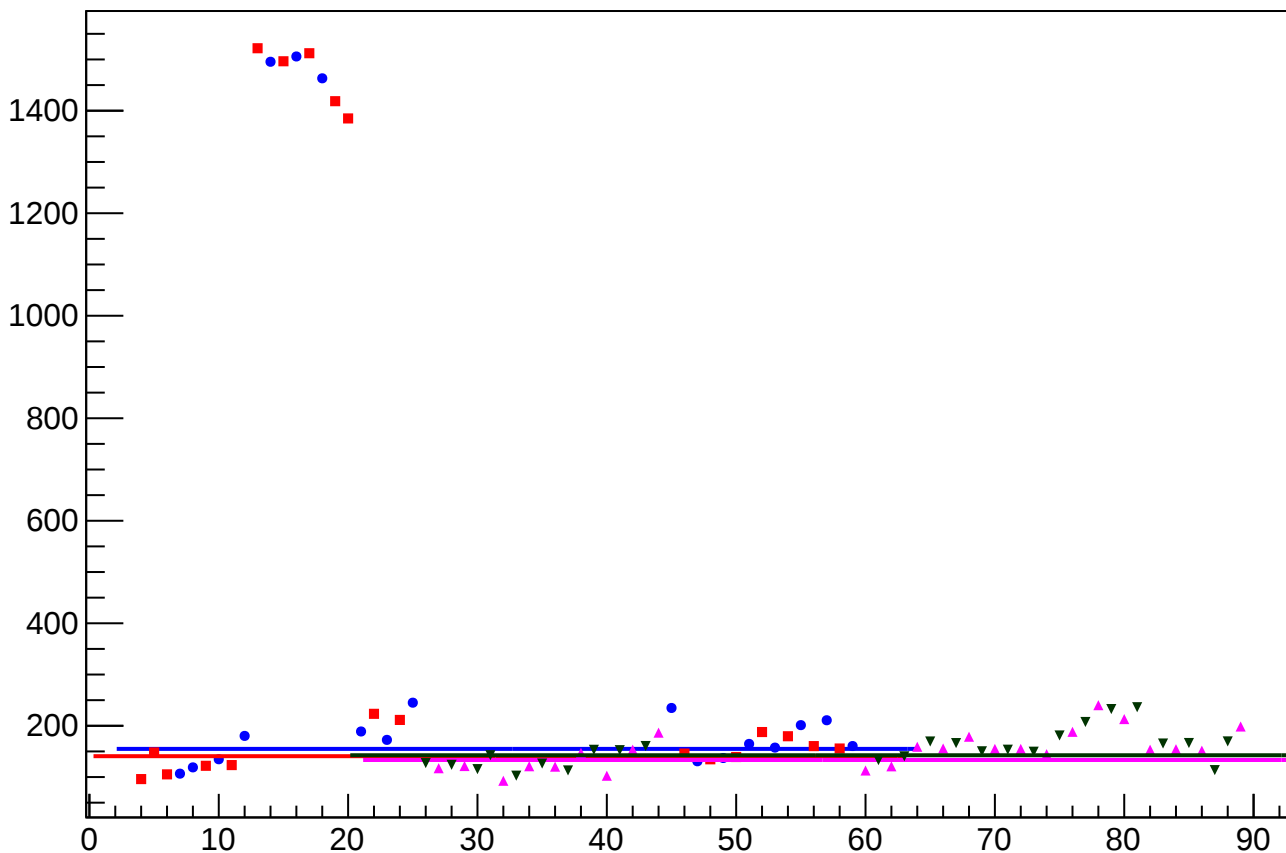
Right Out: 81.906+/-52.666 χ^2/NDF : 3.9/18

Left In: -19.339+/-37.750 χ^2/NDF : 1.7/23

27.419+/-32.473 χ^2/NDF : 12.6/42

15.024+/-30.682 χ^2/NDF : 8.0/42

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: 142.534+/-0.029 χ^2/NDF :963444.9/24

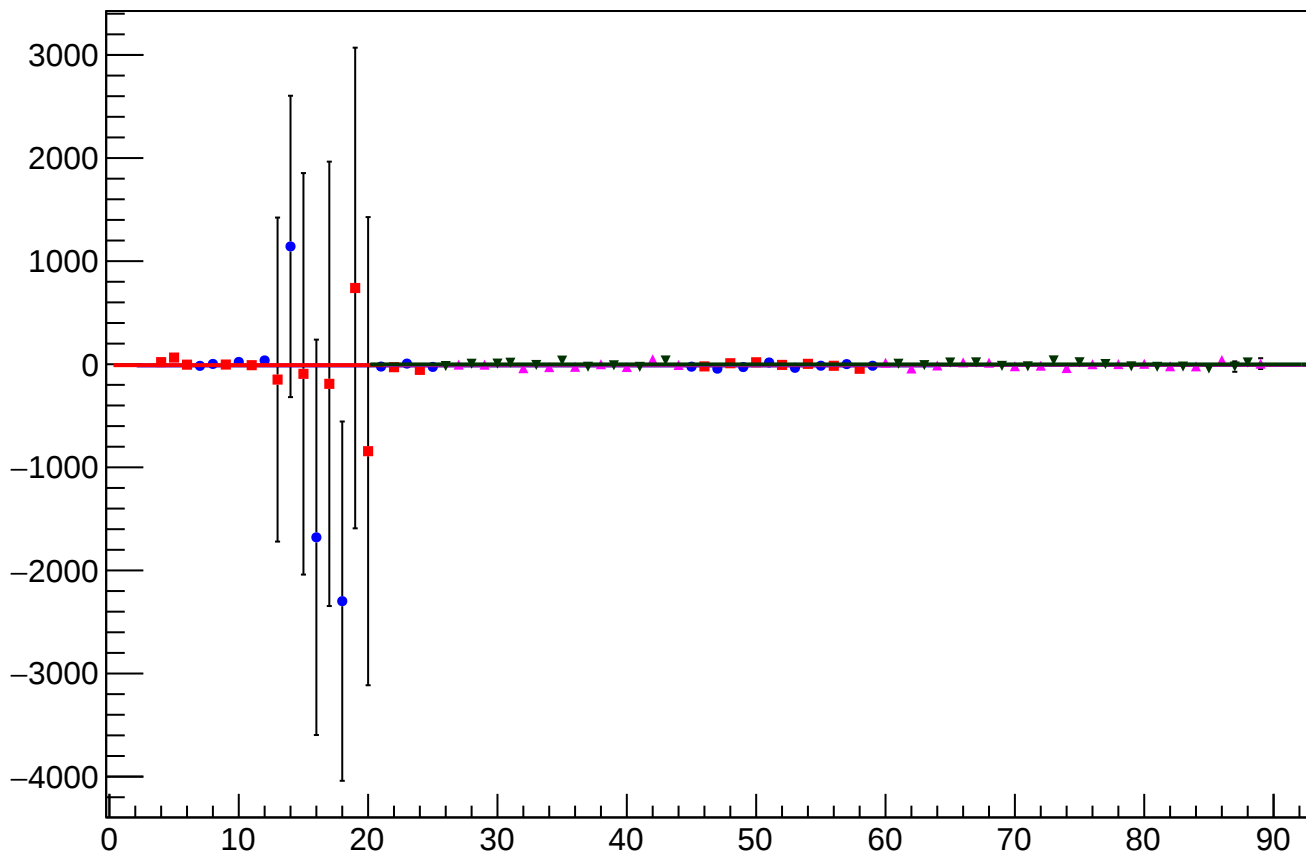
147.285+/-0.023 χ^2/NDF : 5613086.7/42

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

135.801+/-0.022 χ^2/NDF : 6693928.0/42

Left In: 133.279+/-0.027 χ^2/NDF :1375636.6/23

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: -1.883+/-4.668 χ^2/NDF : 20.7/24

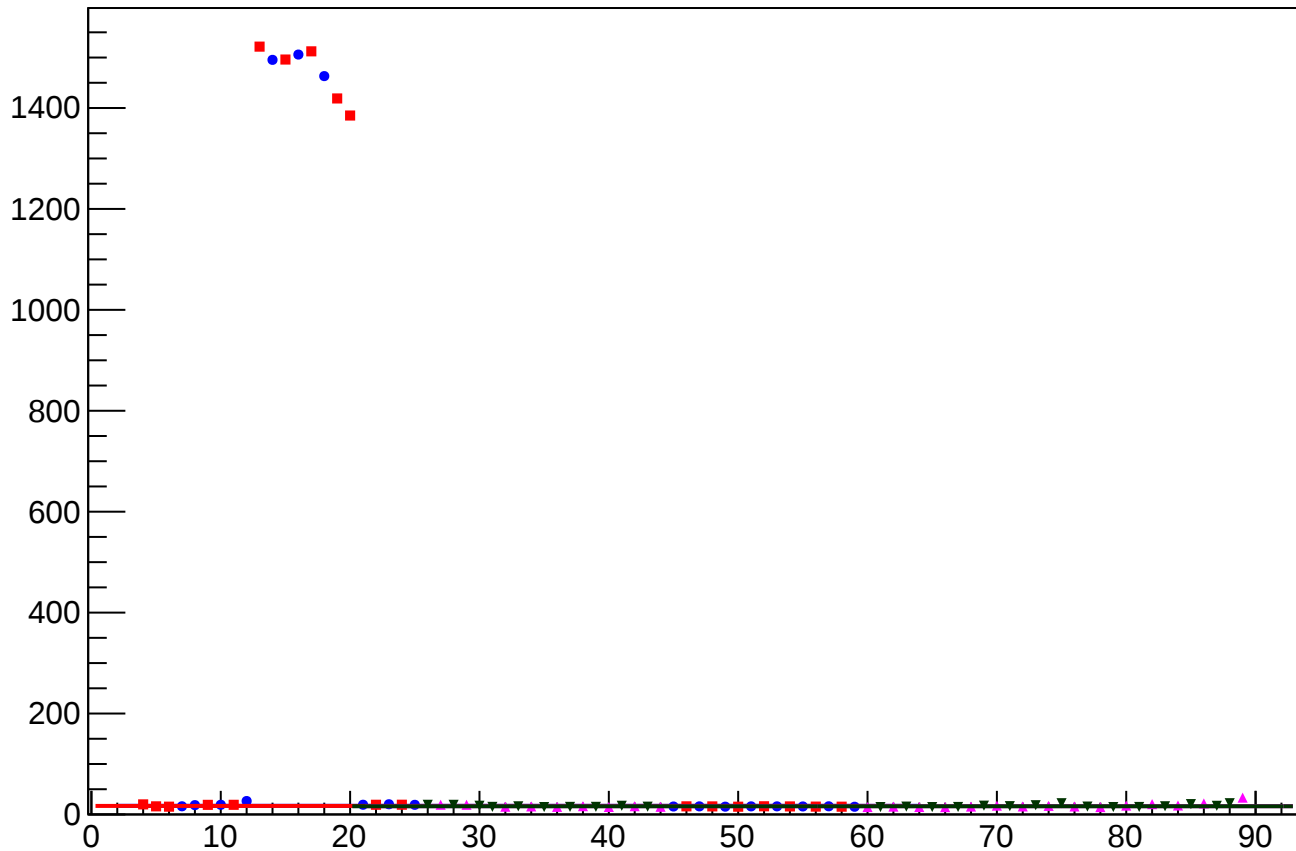
Right Out: -8.864+/-6.293 χ^2/NDF : 13.3/18

Left In: -7.477+/-4.588 χ^2/NDF : 23.4/23

-5.619+/-3.630 χ^2/NDF : 37.3/42

-7.958+/-3.707 χ^2/NDF : 36.8/42

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: 16.257+/-0.003 χ^2/NDF : 338133.2/24

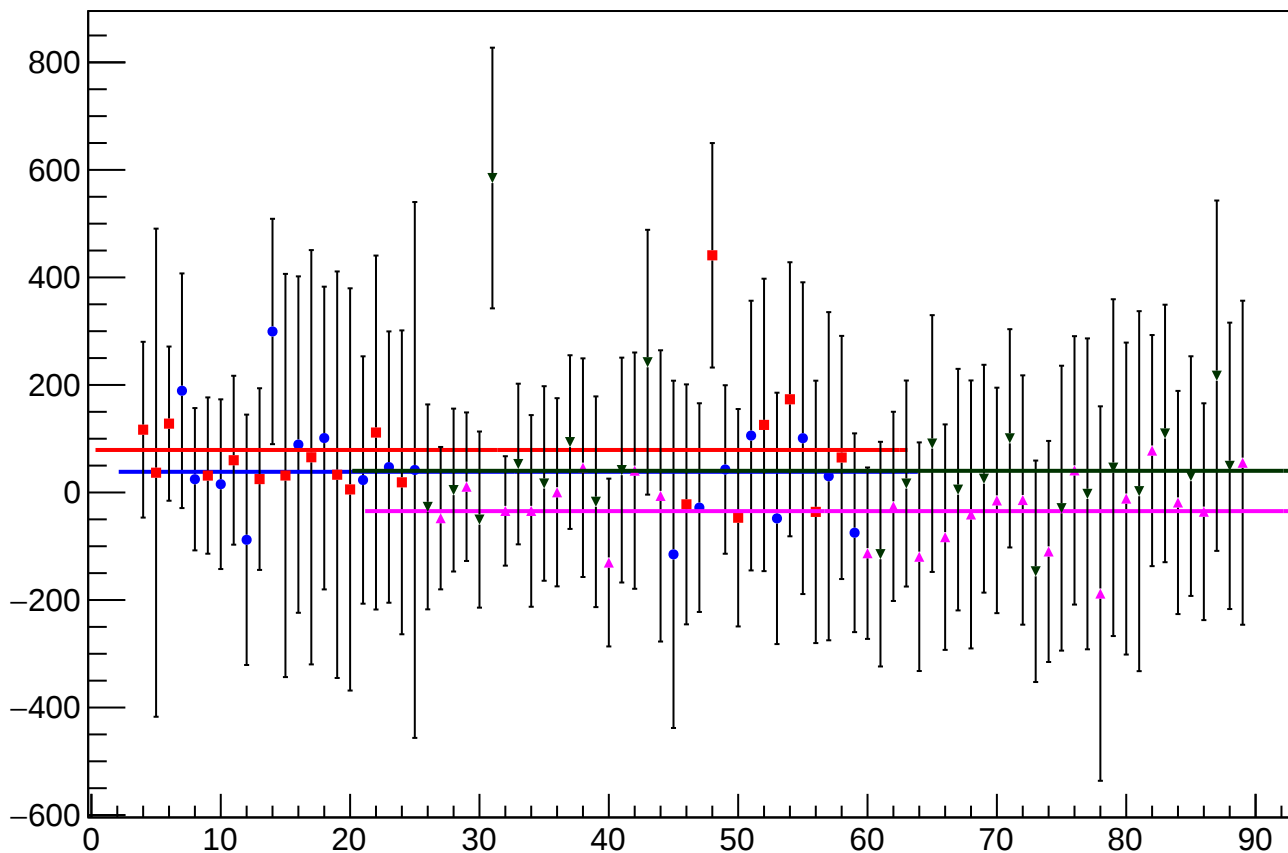
Right Out: 16.920+/-0.004 χ^2/NDF : 5539958.1/18

Left In: 16.437+/-0.003 χ^2/NDF : 499107.0/23

16.588+/-0.003 χ^2/NDF : 5285602.1/42

16.604+/-0.003 χ^2/NDF : 6046748.1/42

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: 40.297+/-41.941 χ^2/NDF : 8.5/24

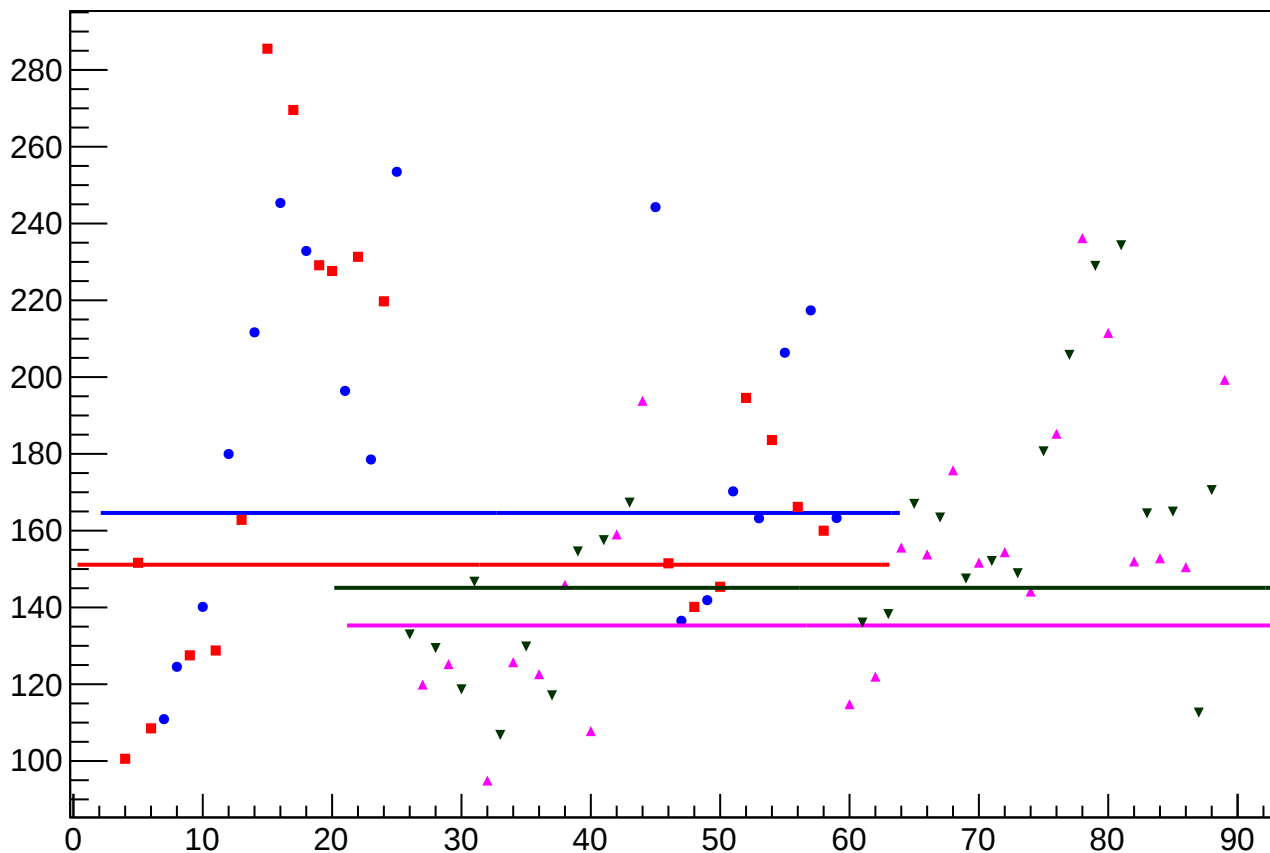
Right Out: 79.078+/-50.233 χ^2/NDF : 4.5/18

Left In: -34.680+/-38.237 χ^2/NDF : 2.1/23

39.552+/-32.404 χ^2/NDF : 11.9/42

7.051+/-30.425 χ^2/NDF : 9.9/42

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 164.613 ± 0.036 χ^2/NDF : 1128549.0/17

Left Out: 145.109 ± 0.030 χ^2/NDF : 831930.1/24

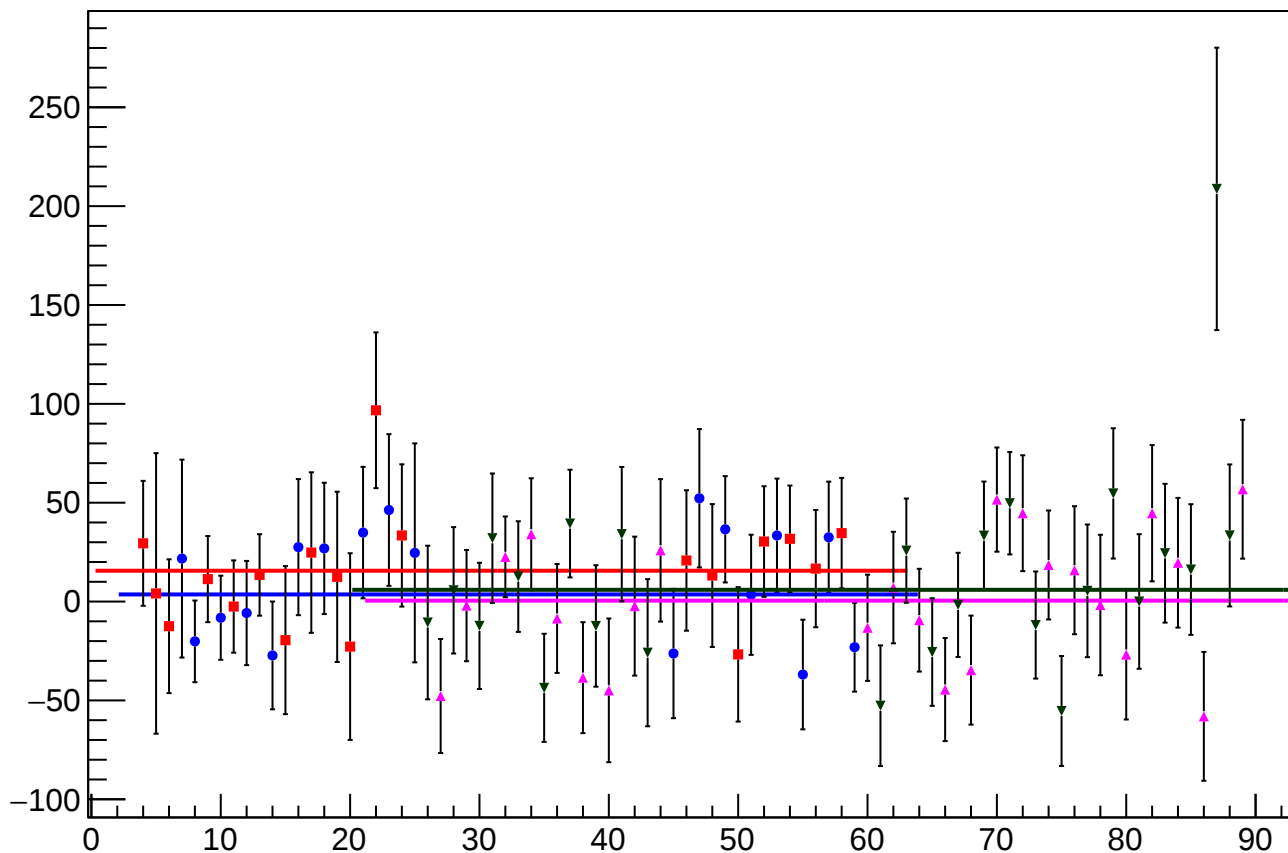
Right Out: 151.124 ± 0.036 χ^2/NDF : 1423423.3/18

Left In: 135.307 ± 0.027 χ^2/NDF : 1227313.4/23

152.970 ± 0.023 χ^2/NDF : 2134800.2/42

141.110 ± 0.022 χ^2/NDF : 2776271.8/42

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: 5.945 ± 6.163 $\chi^2/\text{NDF}: 33.8/24$

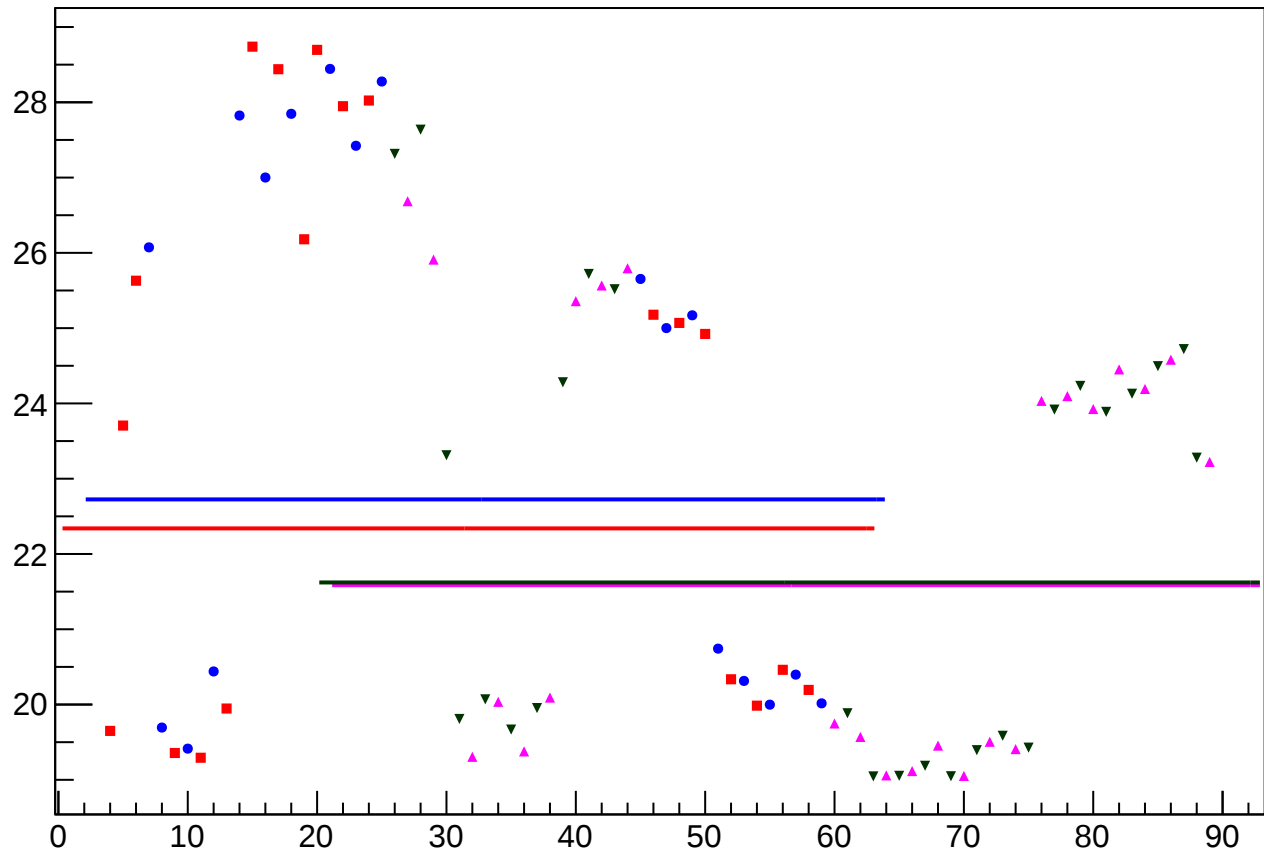
Right Out: 15.596 ± 7.143 $\chi^2/\text{NDF}: 10.3/18$

Left In: 0.456 ± 5.969 $\chi^2/\text{NDF}: 29.7/23$

4.897 ± 4.579 $\chi^2/\text{NDF}: 50.3/42$

6.682 ± 4.580 $\chi^2/\text{NDF}: 42.7/42$

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: 21.622+/-0.004 χ^2/NDF : 396309.9/24

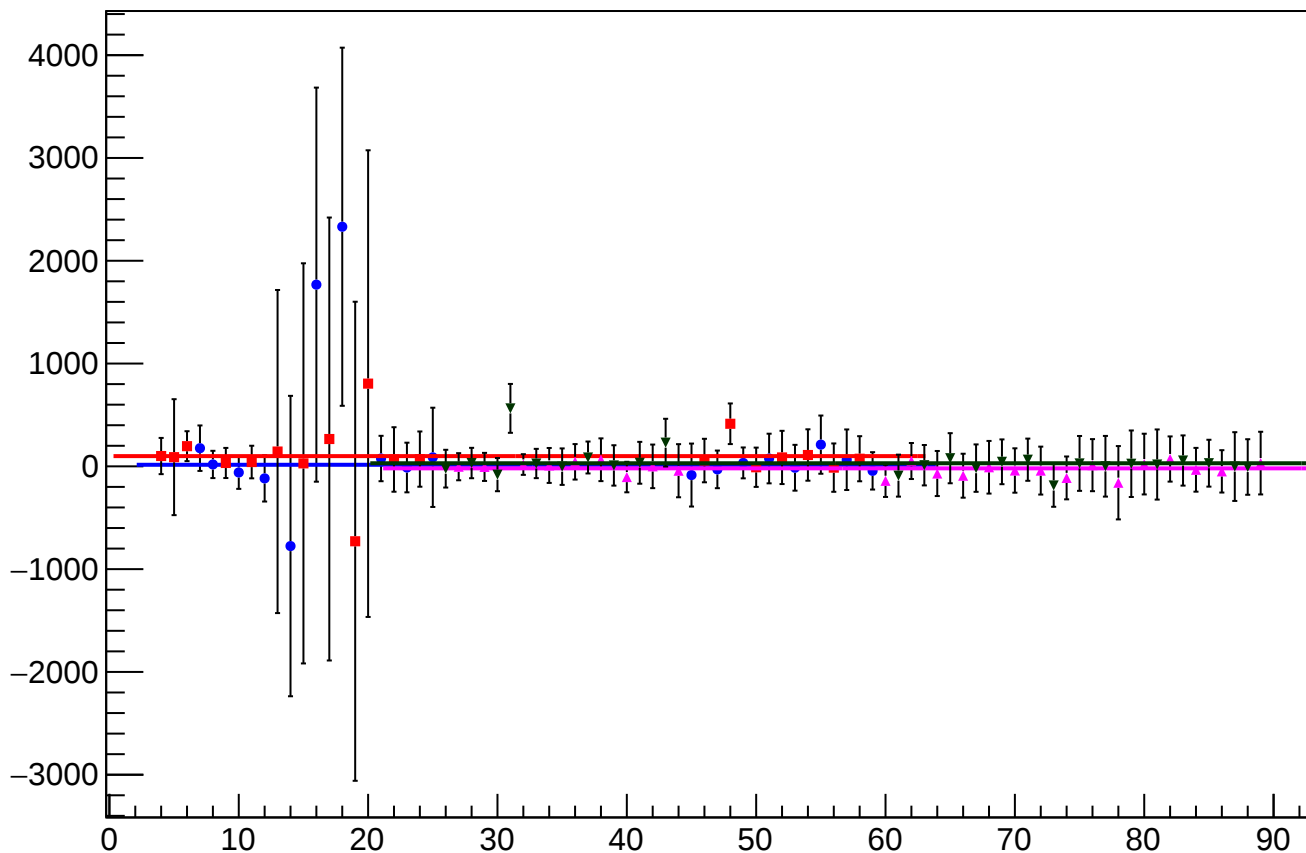
22.116+/-0.003 χ^2/NDF : 923796.2/42

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

21.896+/-0.003 χ^2/NDF : 895681.8/42

Left In: 21.586+/-0.004 χ^2/NDF : 422542.3/23

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 30.080+/-41.580 χ^2/NDF : 8.1/24

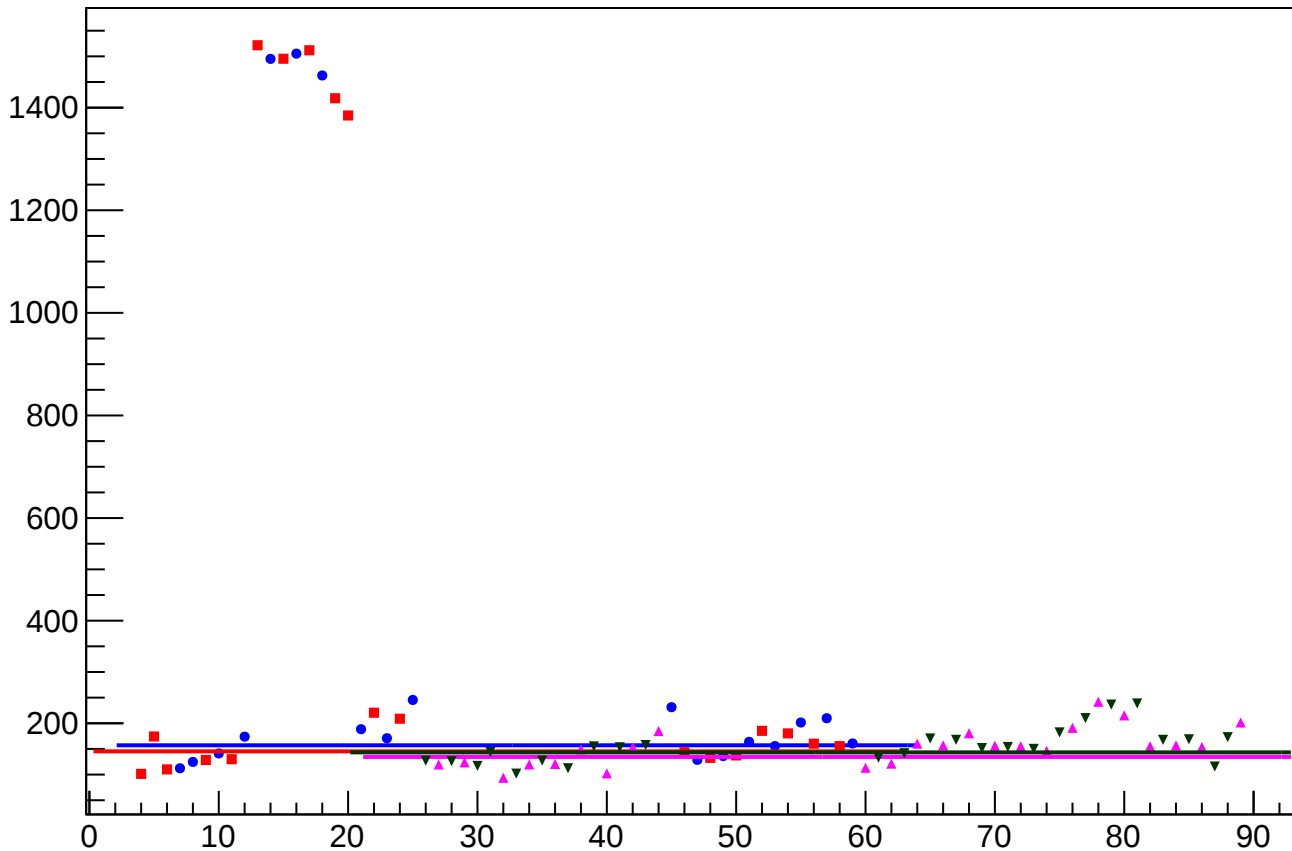
Right Out: 99.514+/-54.286 χ^2/NDF : 4.2/18

Left In: -19.641+/-38.073 χ^2/NDF : 2.4/23

24.412+/-32.718 χ^2/NDF : 13.1/42

19.645+/-31.171 χ^2/NDF : 9.8/42

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: 143.295+/-0.029 χ^2/NDF : 992206.0/24

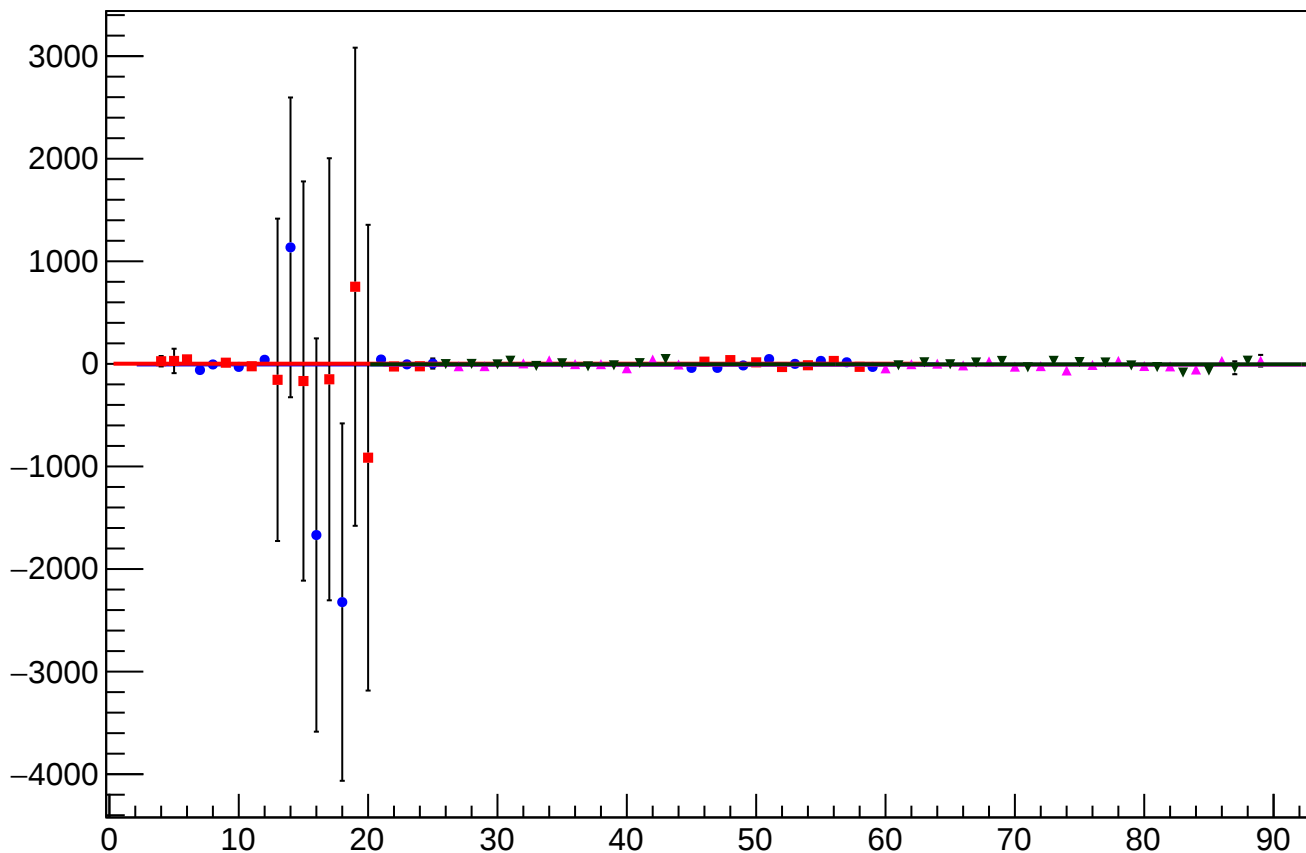
148.547+/-0.023 χ^2/NDF : 5532811.1/42

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

138.015+/-0.022 χ^2/NDF : 6555024.4/42

Left In: 134.432+/-0.027 χ^2/NDF : 1377159.8/23

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: -4.540+/-6.023 χ^2/NDF : 22.9/24

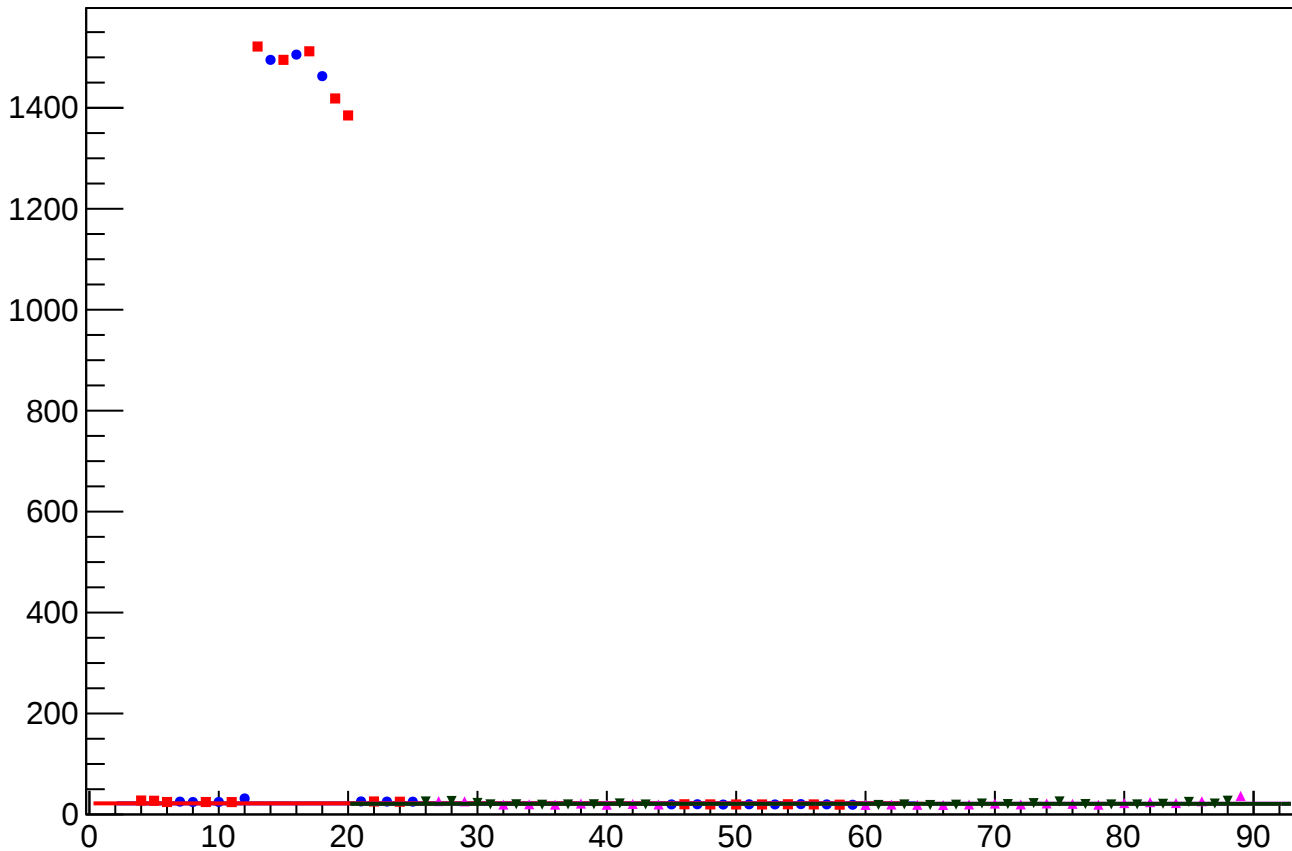
Right Out: 1.722+/-8.261 χ^2/NDF : 10.4/18

Left In: -8.187+/-5.881 χ^2/NDF : 20.9/23

-4.988+/-4.669 χ^2/NDF : 41.6/42

-4.854+/-4.791 χ^2/NDF : 32.2/42

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 21.080 $\pm$ 0.004 χ^2 /NDF: 280596.8/24

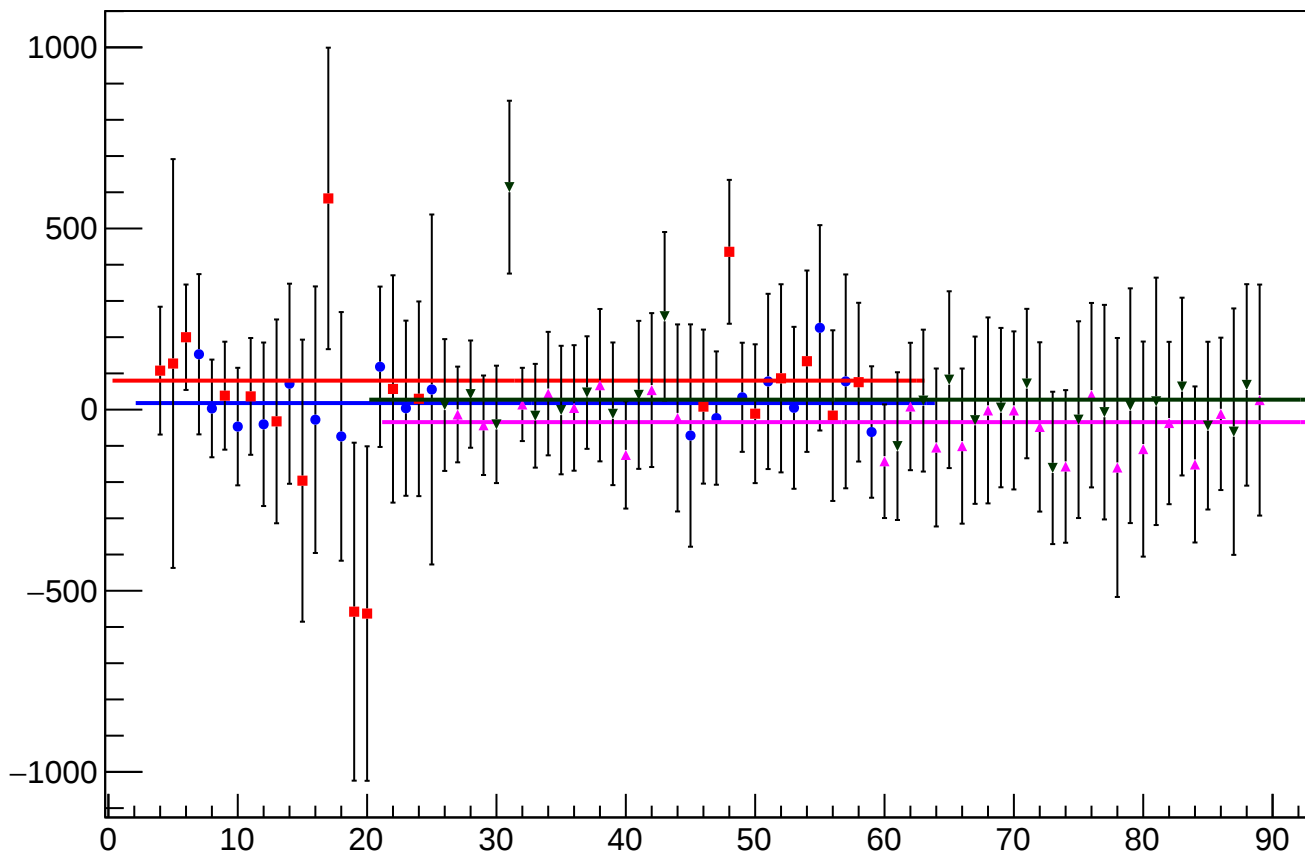
21.415 $\pm$ 0.003 χ^2 /NDF: 5227810.7/42

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

21.455 $\pm$ 0.003 χ^2 /NDF: 6012524.6/42

Left In: 21.185 $\pm$ 0.004 χ^2 /NDF: 440054.9/23

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: 27.494 ± 41.737 χ^2/NDF : 9.0/24

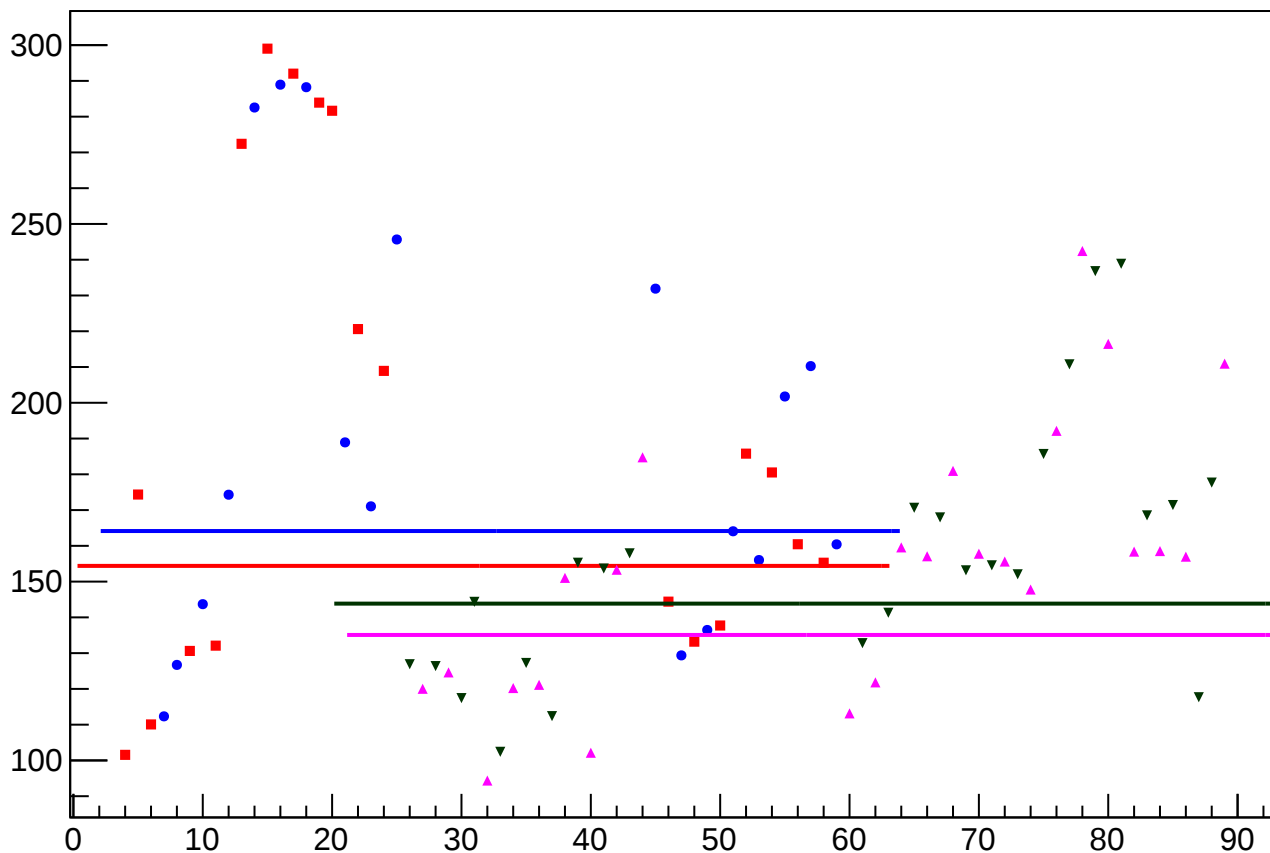
23.758 ± 32.383 χ^2/NDF : 11.0/42

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

5.657 ± 30.842 χ^2/NDF : 16.8/42

Left In: -34.519 ± 38.275 χ^2/NDF : 3.0/23

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 143.844 ± 0.030 χ^2/NDF : 1007140.9/24

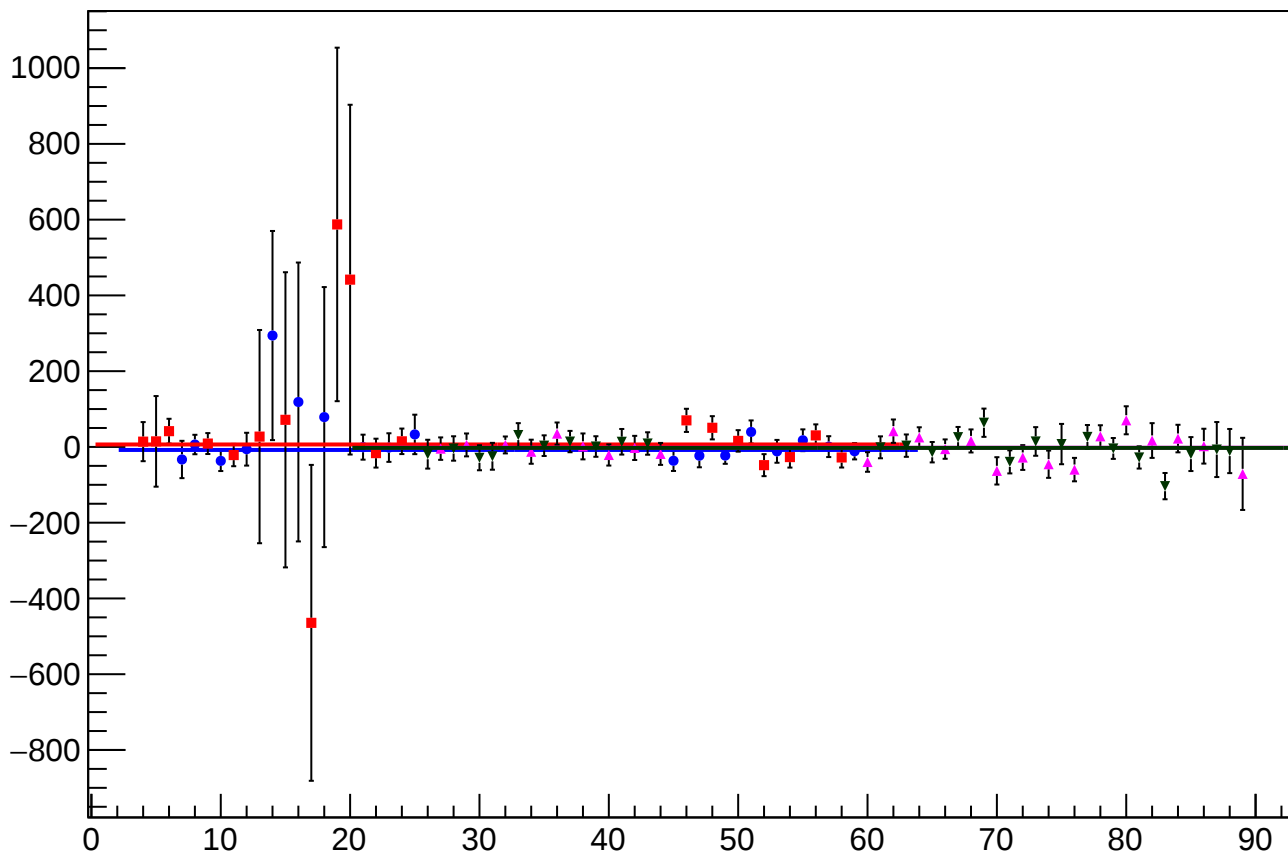
Right Out: 154.395 ± 0.037 χ^2/NDF : 1875575.3/18

Left In: 135.084 ± 0.027 χ^2/NDF : 1405485.5/23

151.921 ± 0.023 χ^2/NDF : 2761917.1/42

141.856 ± 0.022 χ^2/NDF : 3459590.4/42

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: -2.570+/-6.508 χ^2/NDF : 19.6/24

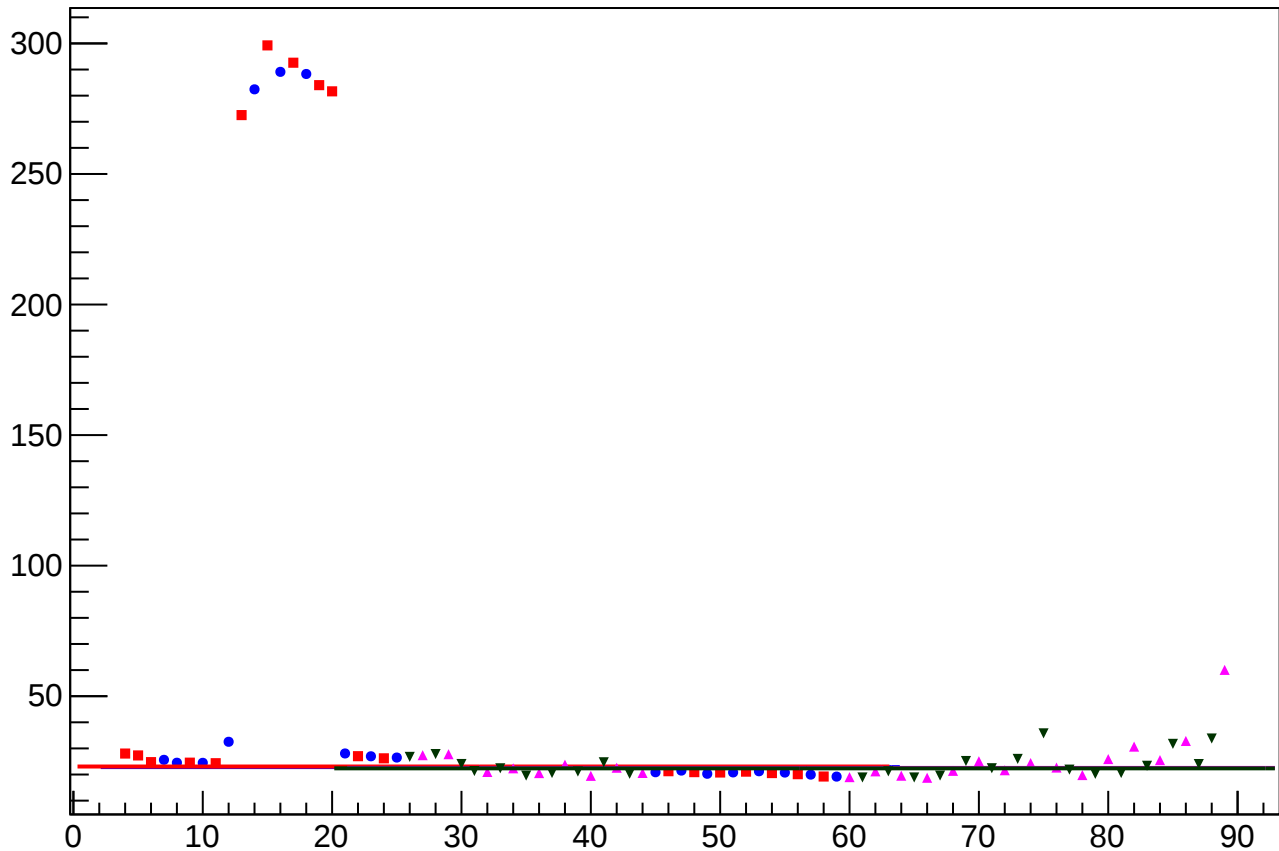
Right Out: 6.463+/-8.479 χ^2/NDF : 20.1/18

Left In: -2.183+/-6.387 χ^2/NDF : 22.7/23

-4.858+/-4.944 χ^2/NDF : 28.9/42

0.947+/-5.102 χ^2/NDF : 43.5/42

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: 22.371+/-0.005 χ^2/NDF : 573121.6/24

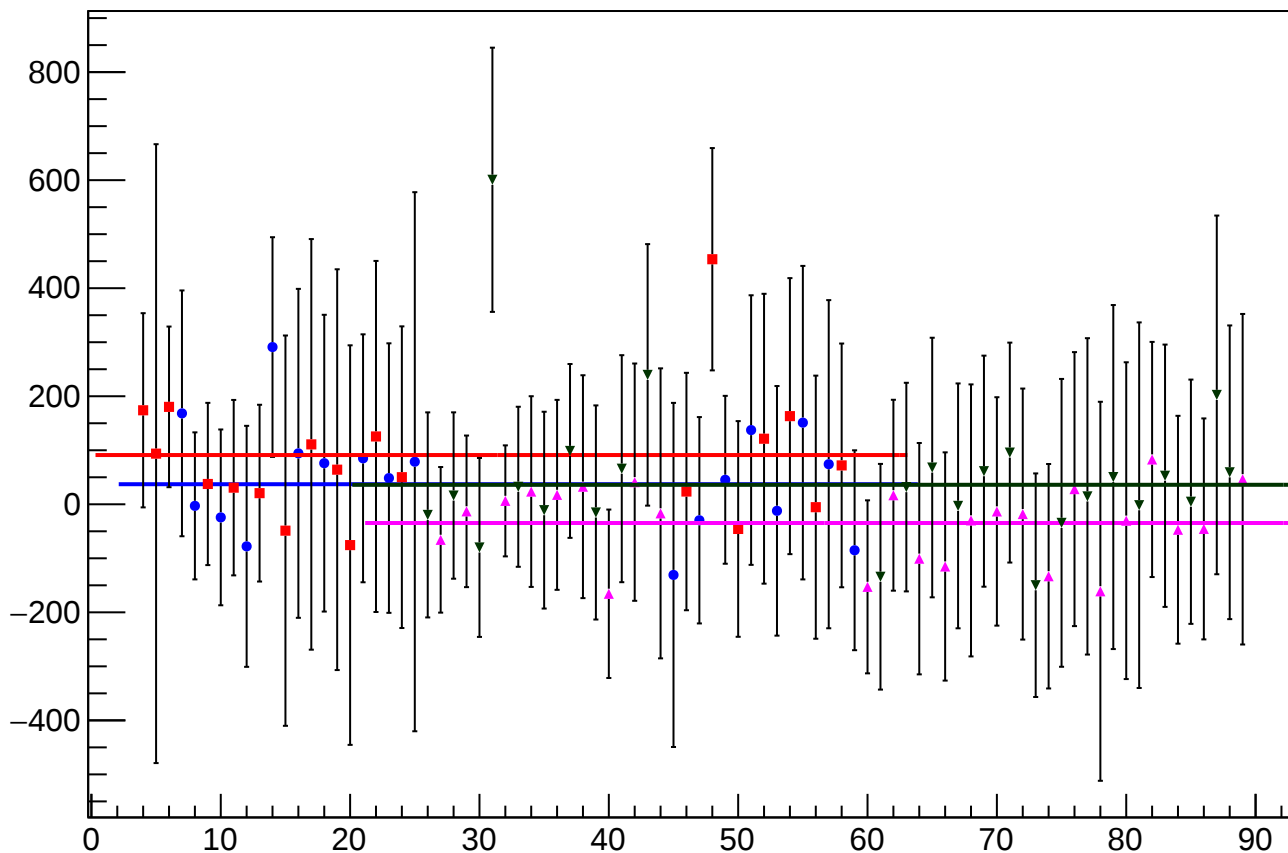
Right Out: 23.069+/-0.006 χ^2/NDF : 4856723.7/18

Left In: 22.535+/-0.005 χ^2/NDF : 820108.0/23

22.575+/-0.003 χ^2/NDF : 4941294.6/42

22.728+/-0.004 χ^2/NDF : 5681888.7/42

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 37.153 $\pm$ 51.038 χ^2/NDF : 3.7/17

Left Out: 36.085 $\pm$ 42.183 χ^2/NDF : 8.9/24

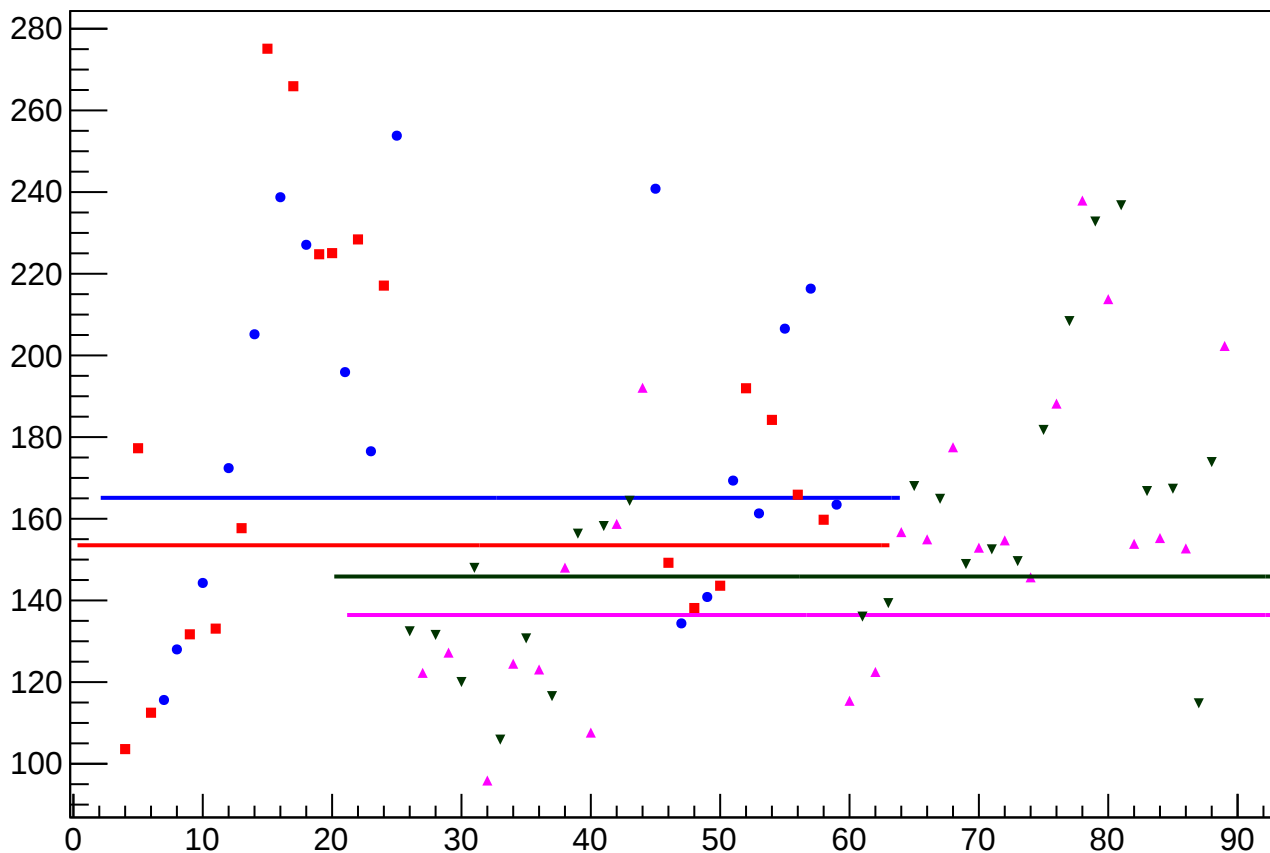
Right Out: 91.157 $\pm$ 50.934 χ^2/NDF : 5.3/18

Left In: -34.650 $\pm$ 38.551 χ^2/NDF : 3.0/23

36.518 $\pm$ 32.515 χ^2/NDF : 12.6/42

11.172 $\pm$ 30.739 χ^2/NDF : 12.3/42

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: 145.860+/-0.030 χ^2/NDF : 859594.0/24

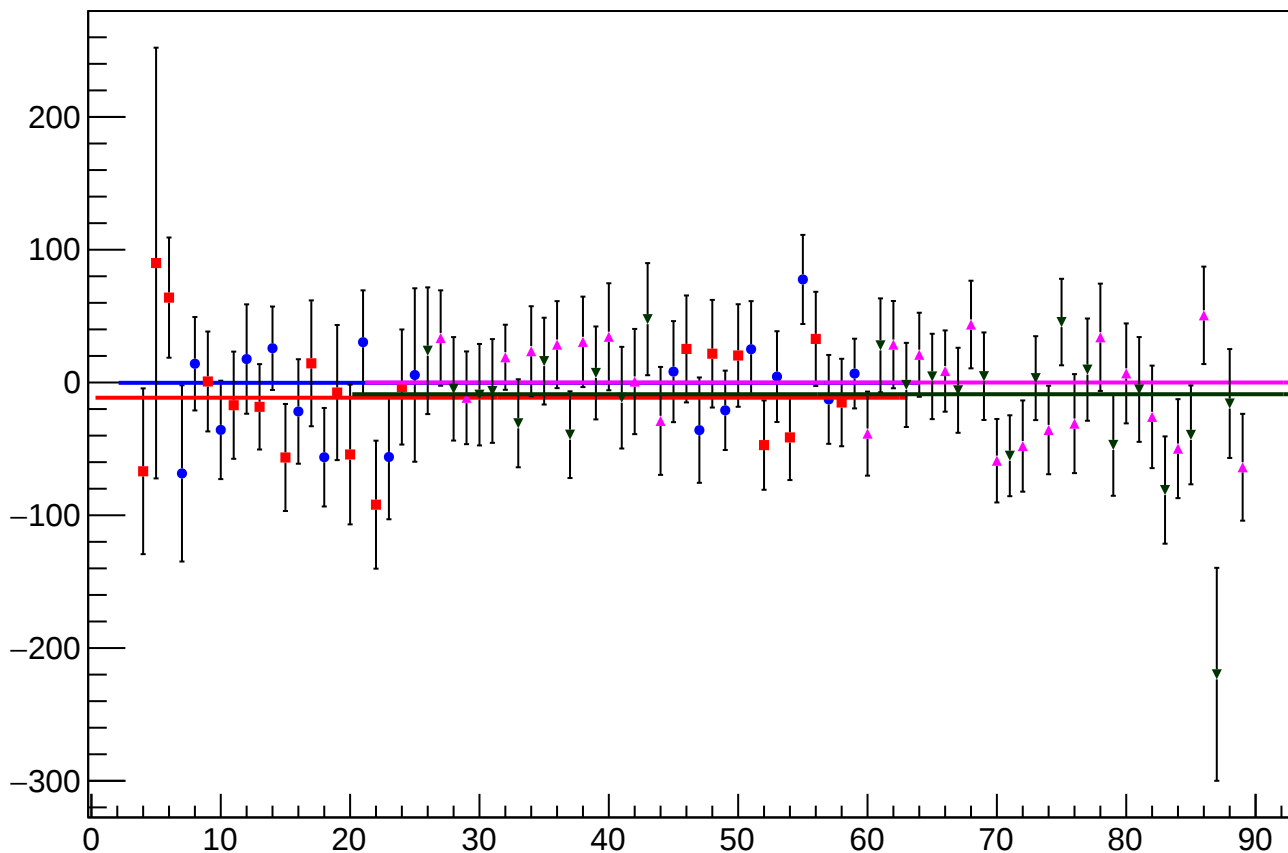
153.679+/-0.023 χ^2/NDF : 2019559.2/42

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

142.651+/-0.022 χ^2/NDF : 2611489.7/42

Left In: 136.431+/-0.027 χ^2/NDF : 1229941.6/23

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: -8.829 ± 7.247 χ^2/NDF : 23.2/24

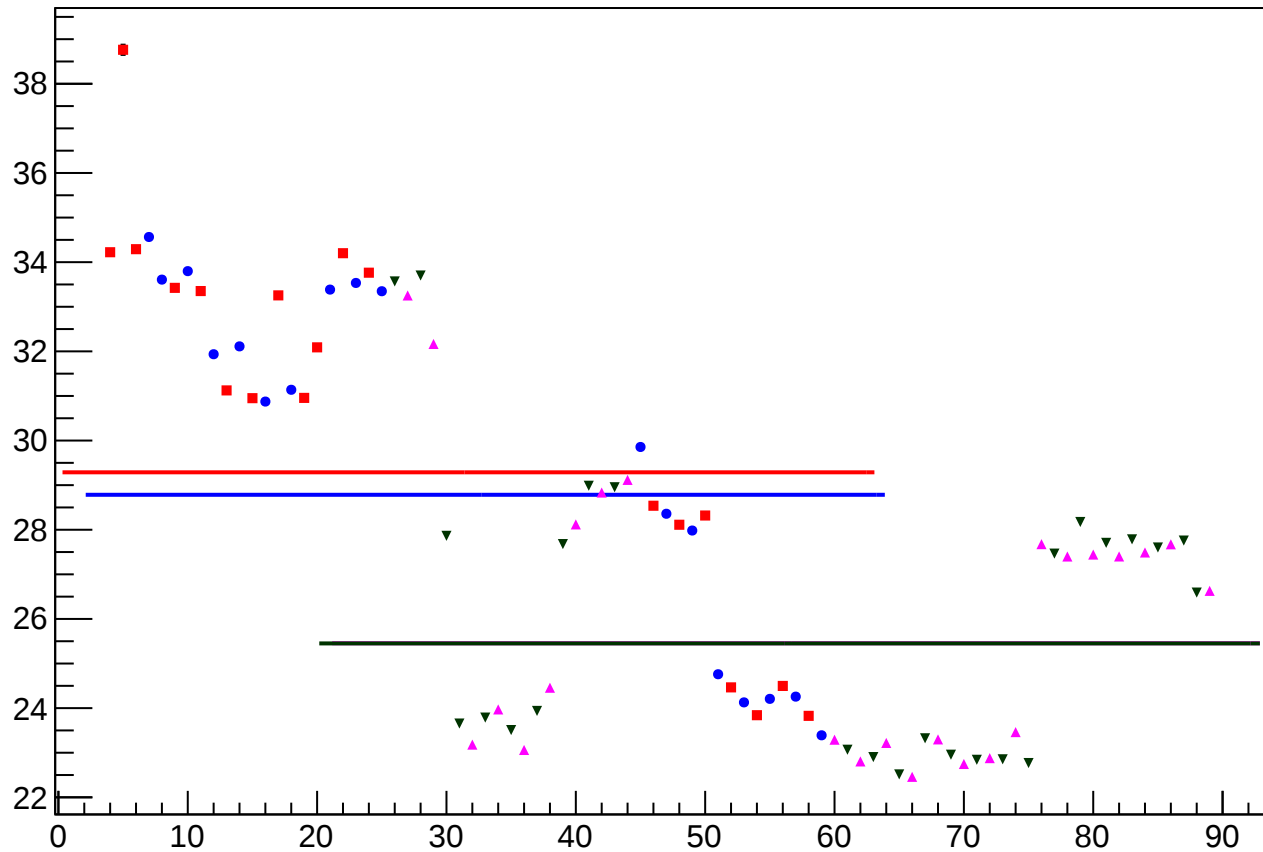
Right Out: -11.462 ± 9.405 χ^2/NDF : 14.9/18

Left In: 0.001 ± 7.029 χ^2/NDF : 24.1/23

-5.284 ± 5.554 χ^2/NDF : 38.8/42

-4.107 ± 5.630 χ^2/NDF : 39.9/42

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 25.451+/-0.005 χ^2/NDF :354430.2/24

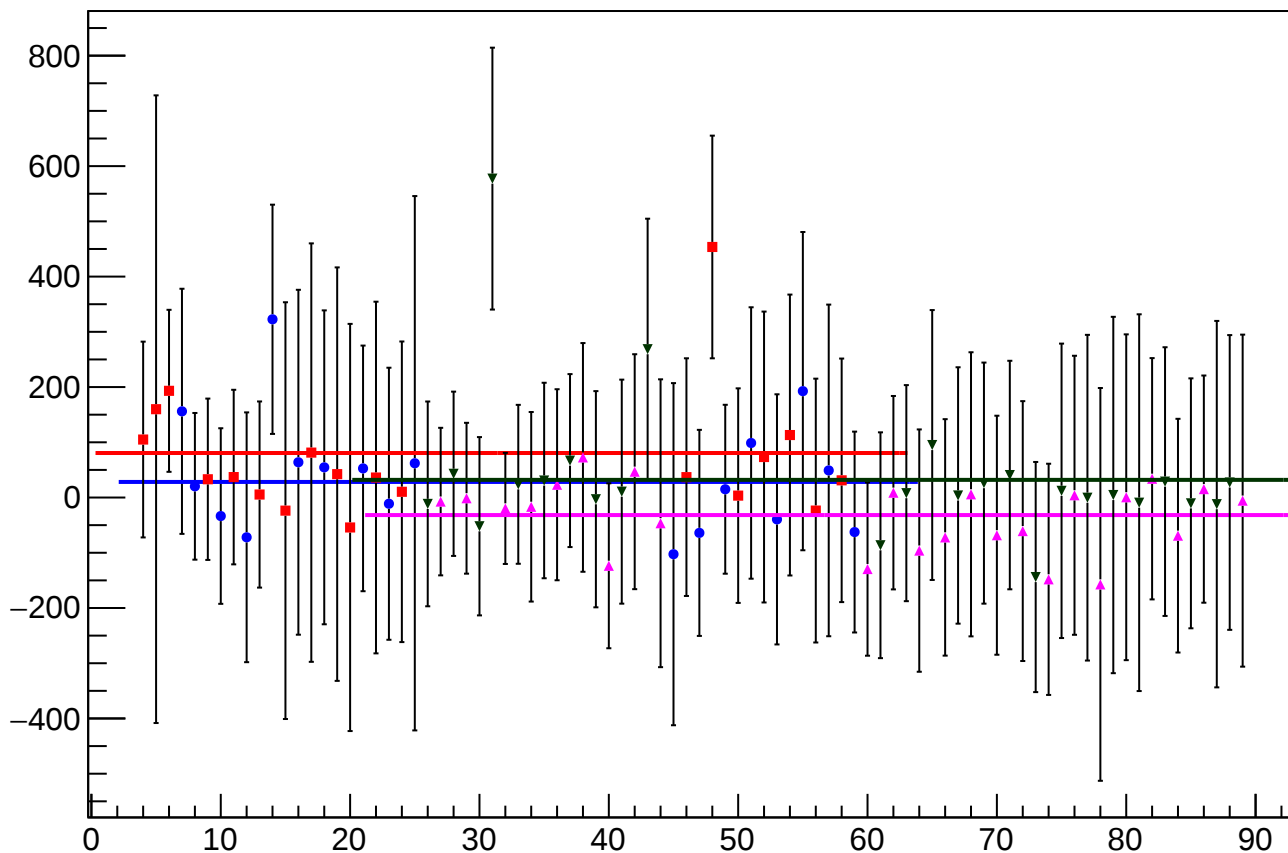
26.826+/-0.004 χ^2/NDF : 947479.7/42

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

26.828+/-0.004 χ^2/NDF : 940626.8/42

Left In: 25.455+/-0.005 χ^2/NDF :371737.4/23

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



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

Left Out: 31.978+/-41.666 χ^2/NDF : 8.0/24

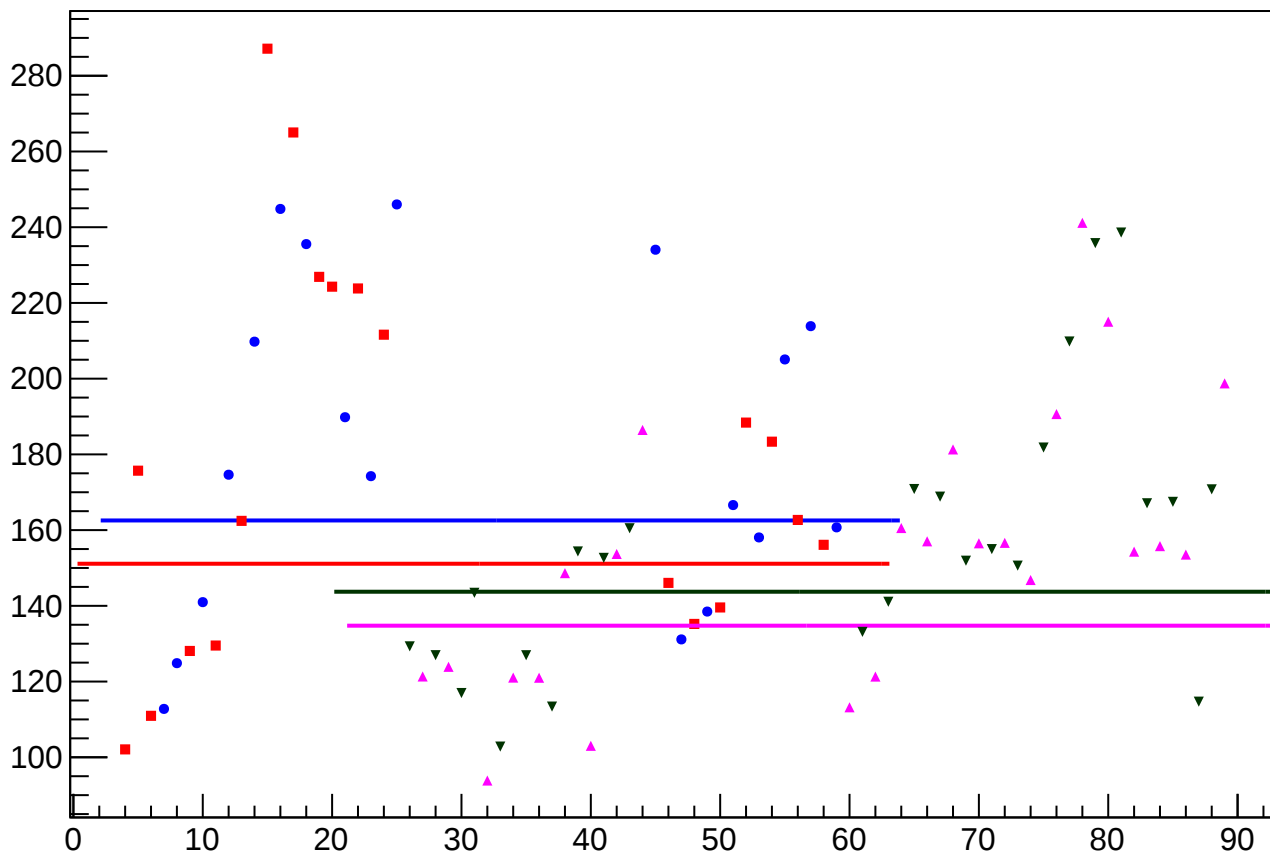
Right Out: 80.614+/-50.242 χ^2/NDF : 5.2/18

Left In: -31.749+/-38.146 χ^2/NDF : 2.3/23

30.453+/-32.101 χ^2/NDF : 11.9/42

9.337+/-30.381 χ^2/NDF : 10.6/42

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: 143.725 $\pm$ 0.029 χ^2 /NDF: 967132.9/24

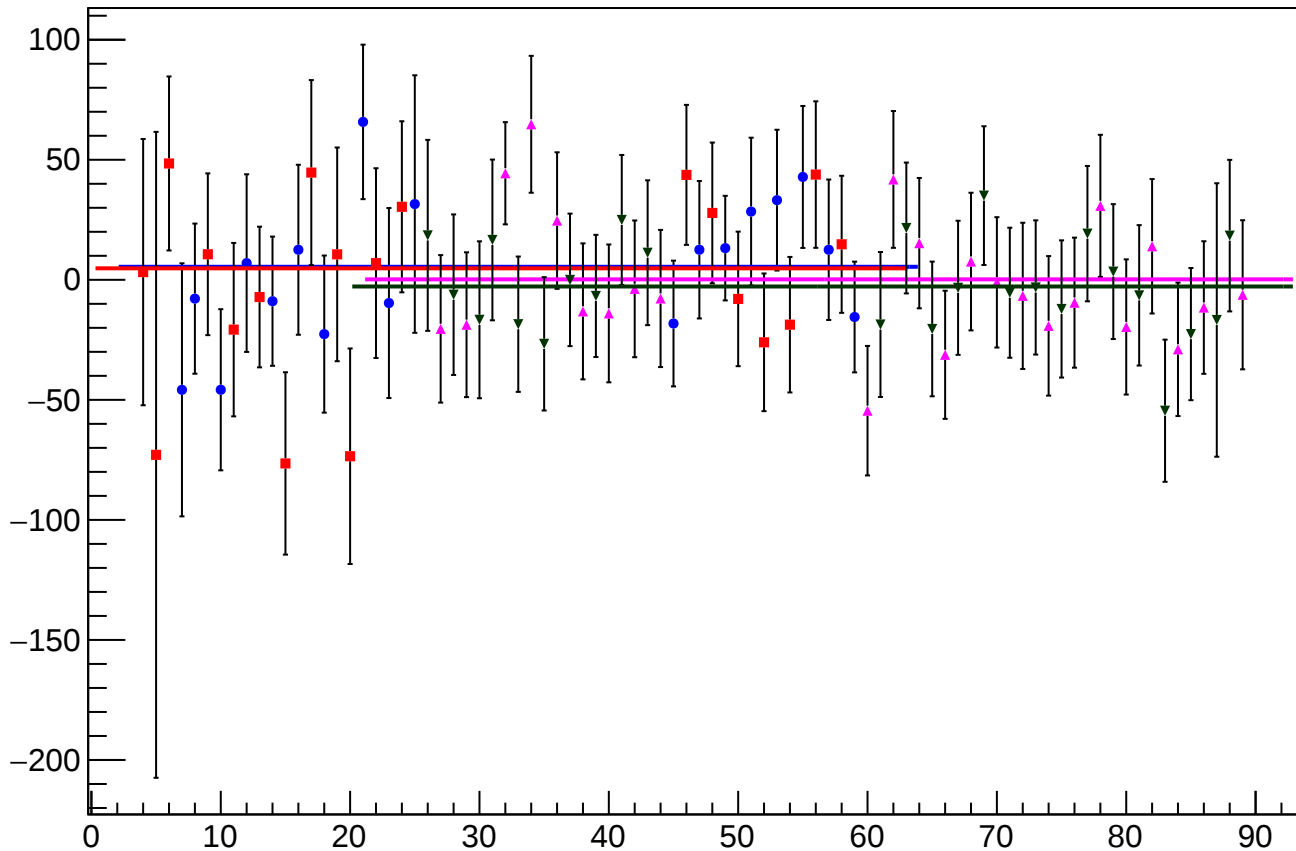
Right Out: 151.117 $\pm$ 0.036 χ^2 /NDF: 1306443.7/18

Left In: 134.757 $\pm$ 0.027 χ^2 /NDF: 1359591.3/23

151.375 $\pm$ 0.023 χ^2 /NDF: 2222341.6/42

140.740 $\pm$ 0.021 χ^2 /NDF: 2800550.6/42

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -2.779 ± 5.896 χ^2/NDF : 11.2/24

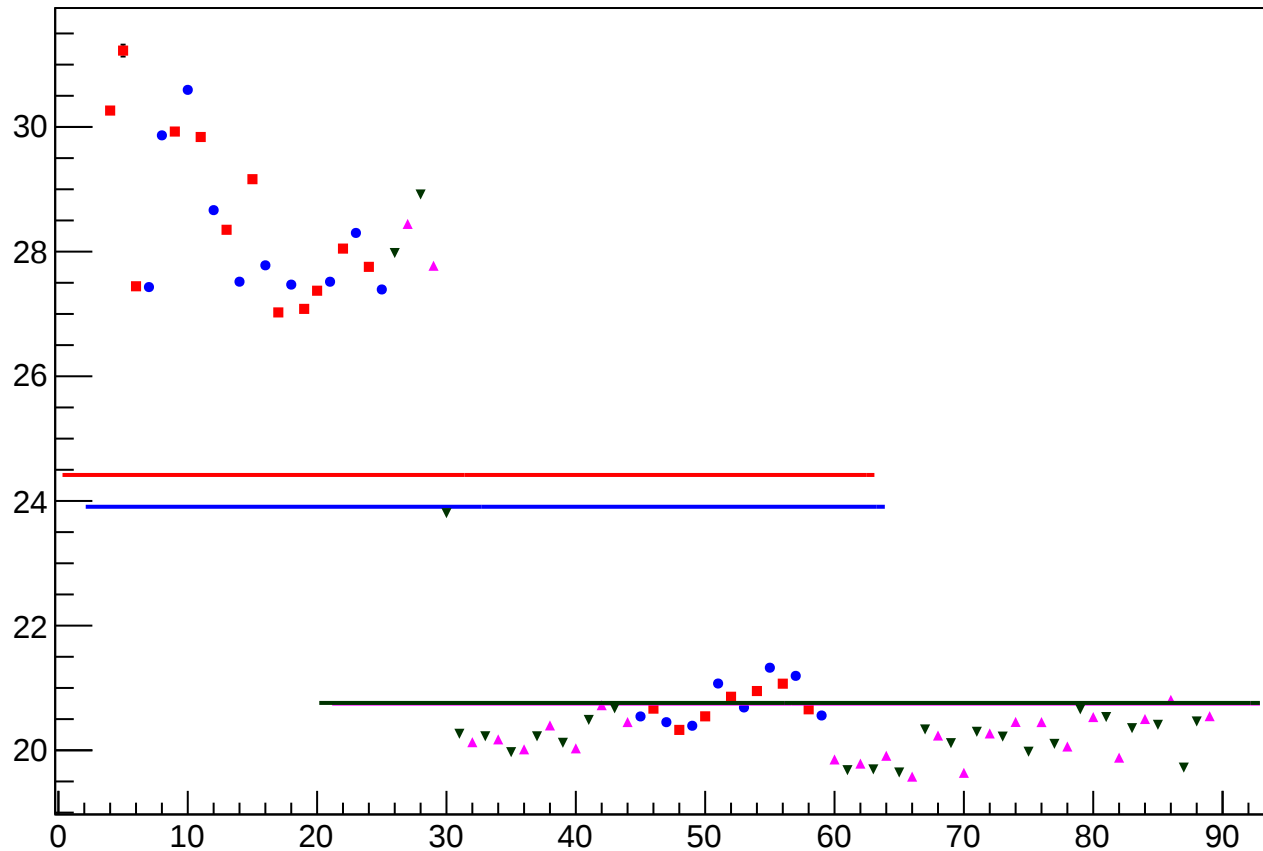
Right Out: 4.784 ± 7.872 χ^2/NDF : 17.9/18

Left In: 0.195 ± 5.713 χ^2/NDF : 23.4/23

0.513 ± 4.563 χ^2/NDF : 25.4/42

1.778 ± 4.624 χ^2/NDF : 41.5/42

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: 20.760 $\pm$ 0.004 χ^2 /NDF:223100.9/24

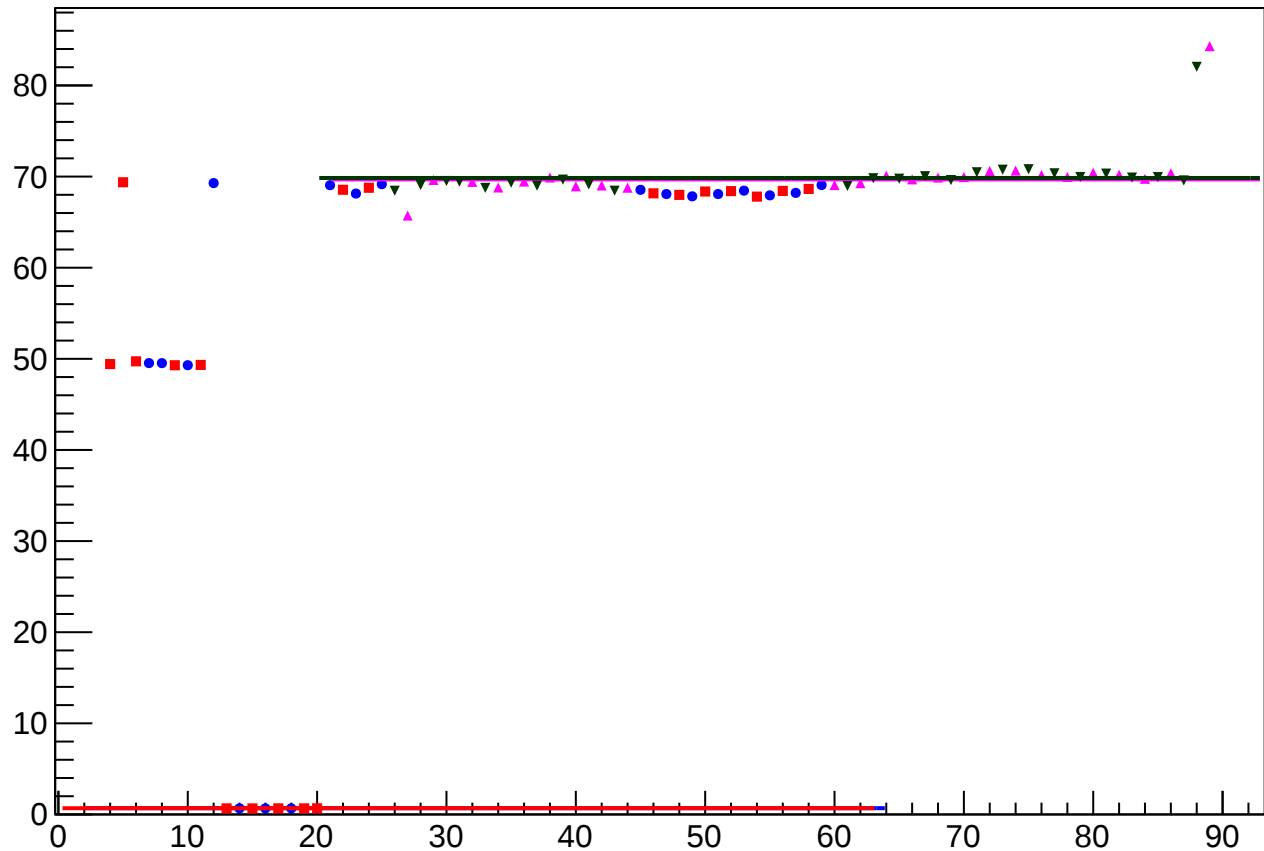
Right Out: 24.417 $\pm$ 0.006 χ^2 /NDF: 496476.9/18

Left In: 20.749 $\pm$ 0.004 χ^2 /NDF:258162.8/23

22.022 $\pm$ 0.003 χ^2 /NDF: 1017525.5/42

22.014 $\pm$ 0.003 χ^2 /NDF: 1039108.0/42

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.848+/-0.000 χ^2/NDF : 1170299126.6/24

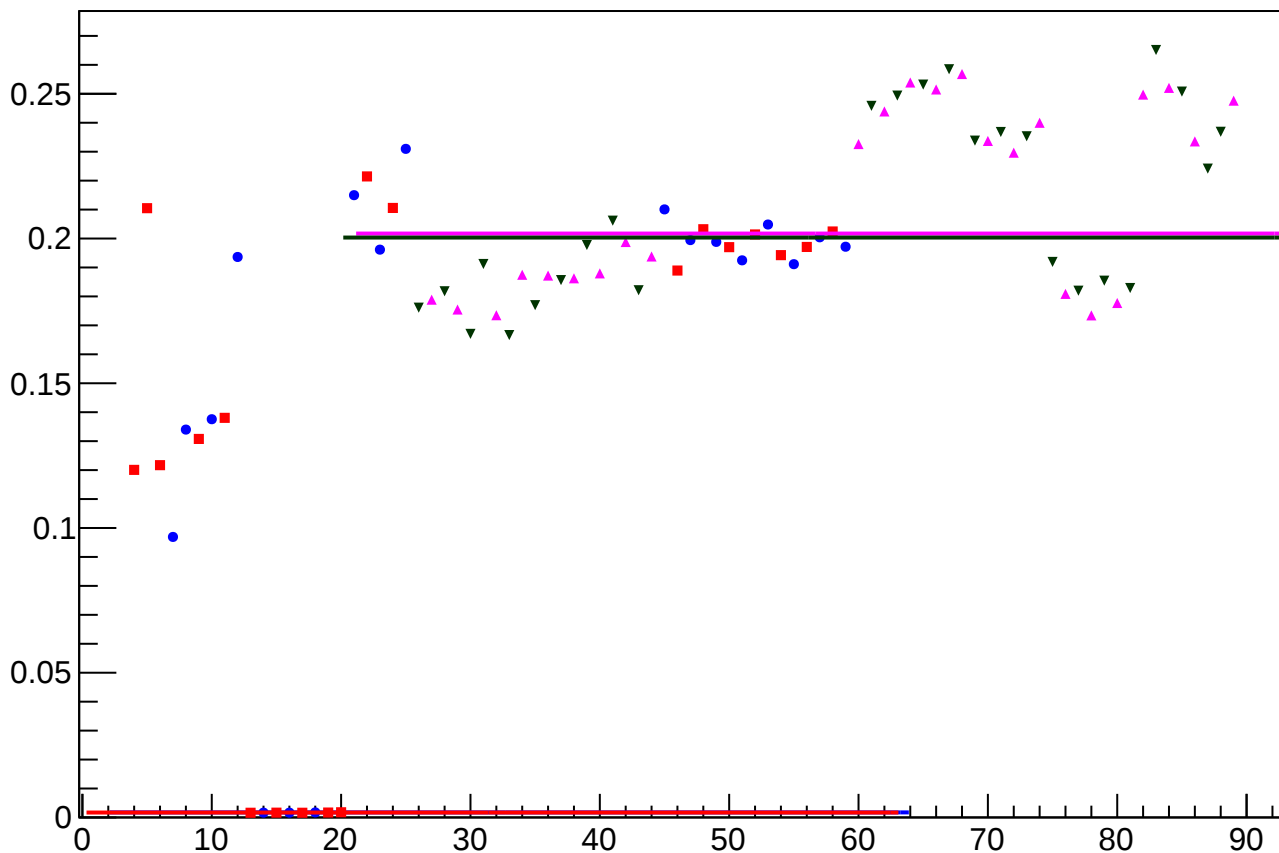
0.713+/-0.000 χ^2/NDF : 2457812802060.4/42

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

0.705+/-0.000 χ^2/NDF : 2335633641359.1/42

Left In: 69.690+/-0.000 χ^2/NDF : 2001708869.2/23

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.200 $\pm$ 0.000 χ^2 /NDF: 529227.6/24

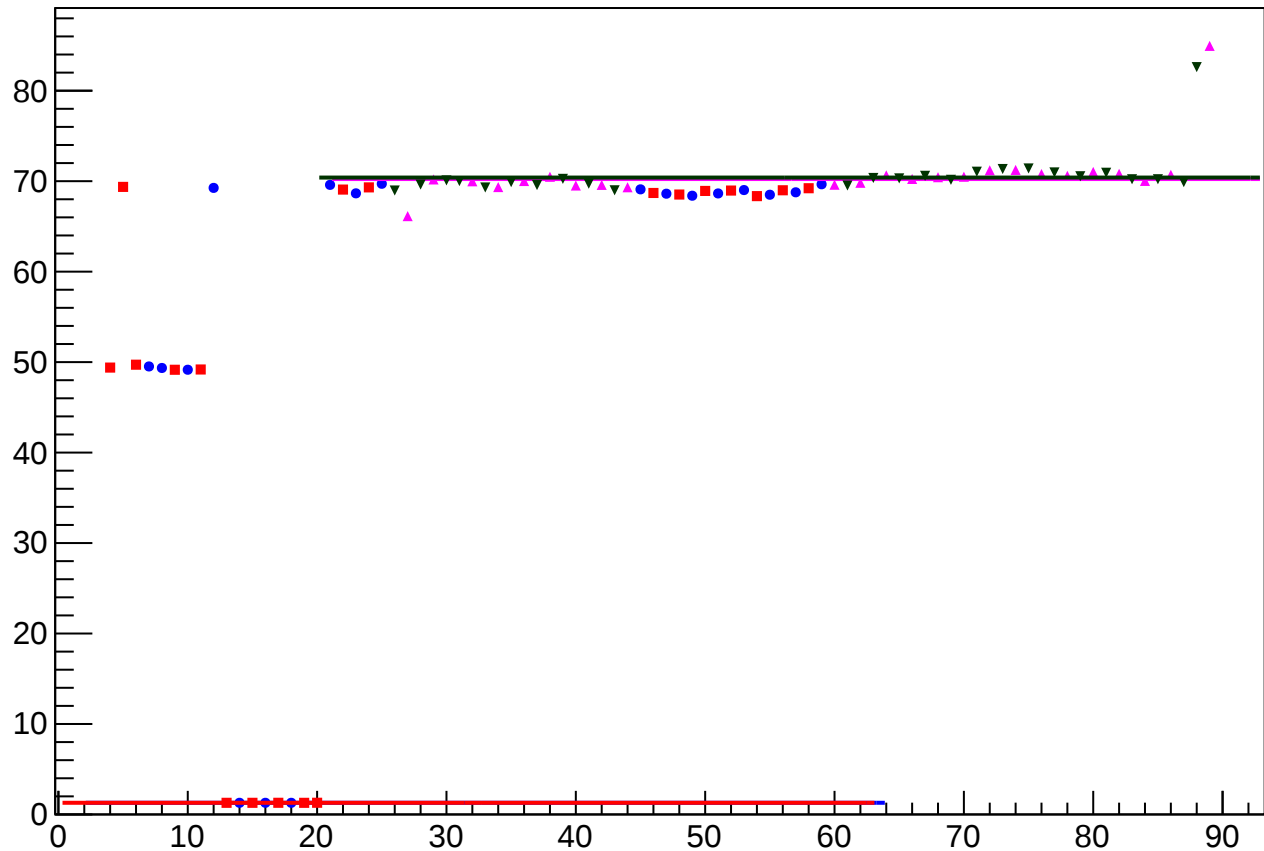
0.002 $\pm$ 0.000 χ^2 /NDF: 40837691.6/42

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

0.002 $\pm$ 0.000 χ^2 /NDF: 39066799.1/42

Left In: 0.202 $\pm$ 0.000 χ^2 /NDF: 557273.6/23

yield_bcm_an_ds3_mean vs slug



Right In: 1.291 $\pm$ 0.000 χ^2 /NDF: 1010041068715.0/17

Left Out: 70.400 $\pm$ 0.000 χ^2 /NDF: 1123151881.5/24

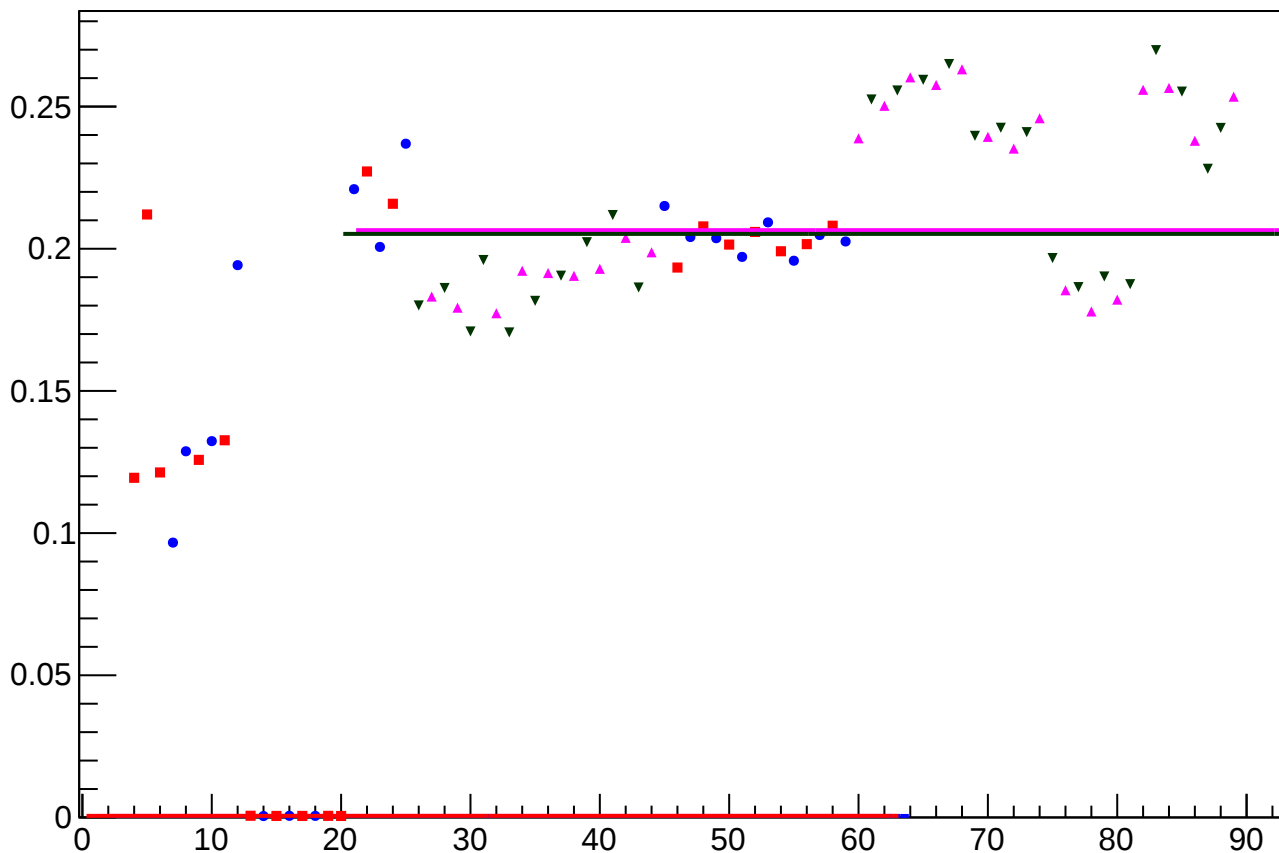
1.293 $\pm$ 0.000 χ^2 /NDF: 2362584256897.0/42

Right Out: 1.290 $\pm$ 0.000 χ^2 /NDF: 826763948171.6/18

1.293 $\pm$ 0.000 χ^2 /NDF: 2245716122181.1/42

Left In: 70.236 $\pm$ 0.000 χ^2 /NDF: 1956477427.8/23

yield_bcm_an_ds3_rms vs slug



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 17142253.8/17

Left Out: 0.205 $\pm$ 0.000 χ^2 /NDF:526120.1/24

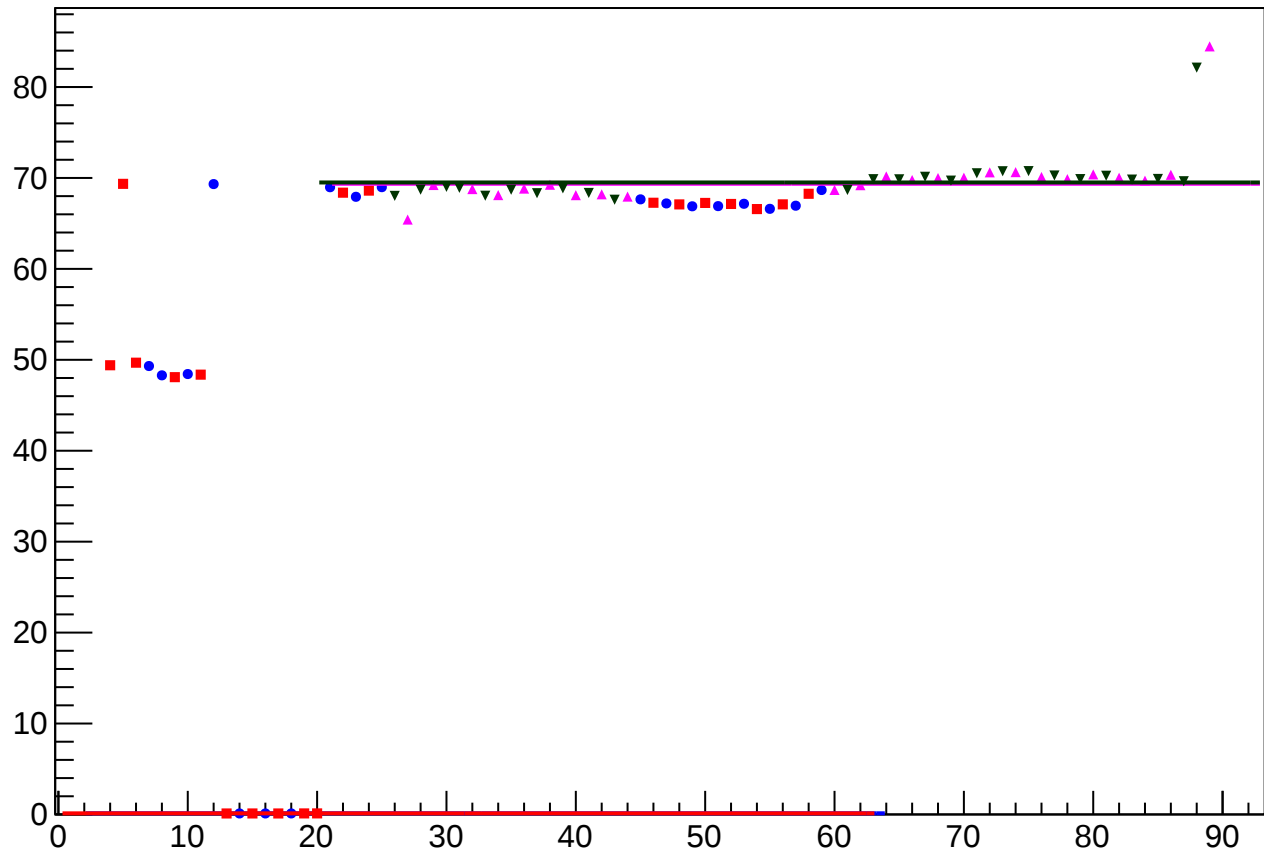
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 13695888.0/18

Left In: 0.207 $\pm$ 0.000 χ^2 /NDF:557187.5/23

0.001 $\pm$ 0.000 χ^2 /NDF: 41378778.5/42

0.001 $\pm$ 0.000 χ^2 /NDF: 39545976.3/42

yield_bcm_an_us_mean vs slug



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

Left Out: 69.503 $\pm$ 0.000 χ^2 /NDF:1348509240.6/24

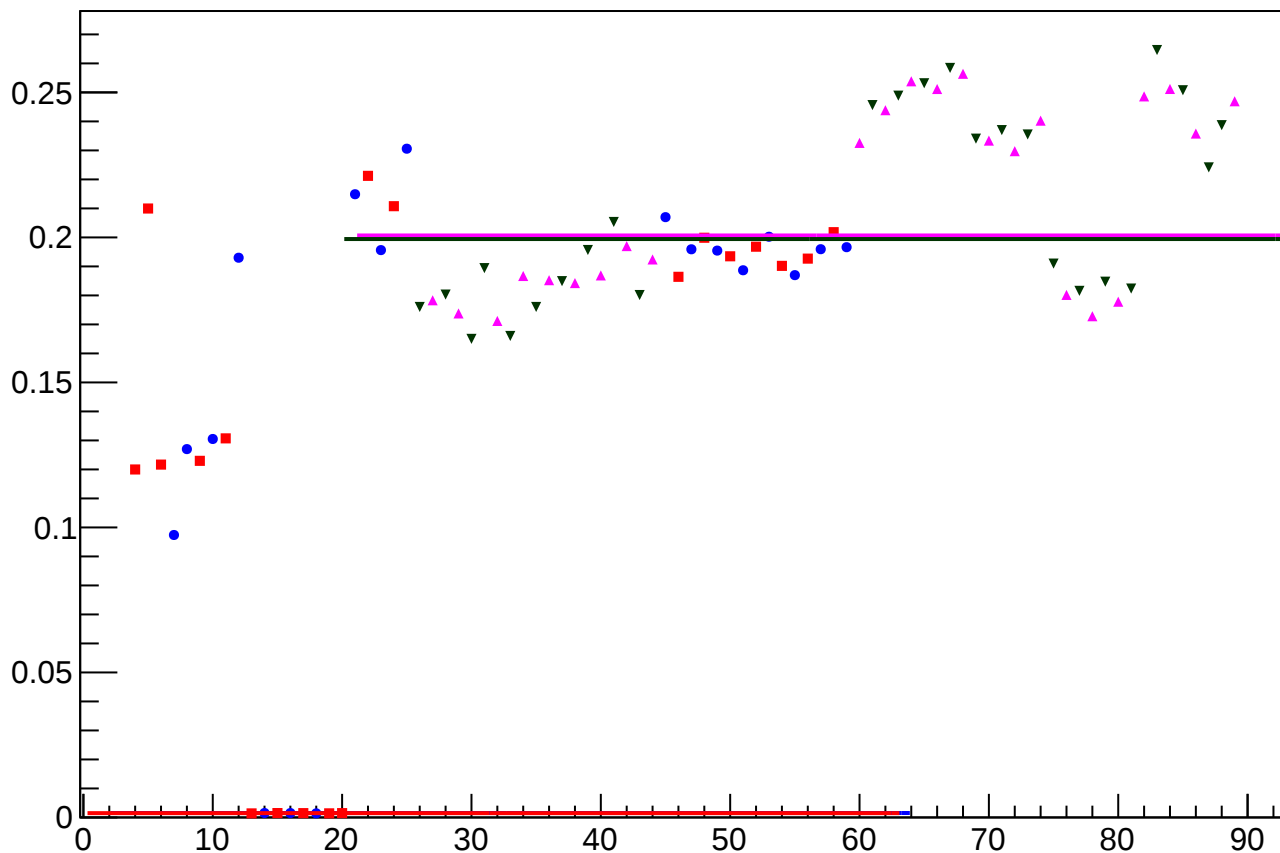
0.146 $\pm$ 0.000 χ^2 /NDF: 2510835575003.4/42

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

0.139 $\pm$ 0.000 χ^2 /NDF: 2390491378142.6/42

Left In: 69.356 $\pm$ 0.000 χ^2 /NDF:2219326091.3/23

yield_bcm_an_us_rms vs slug



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

Left Out: 0.199 $\pm$ 0.000 χ^2 /NDF: 547997.5/24

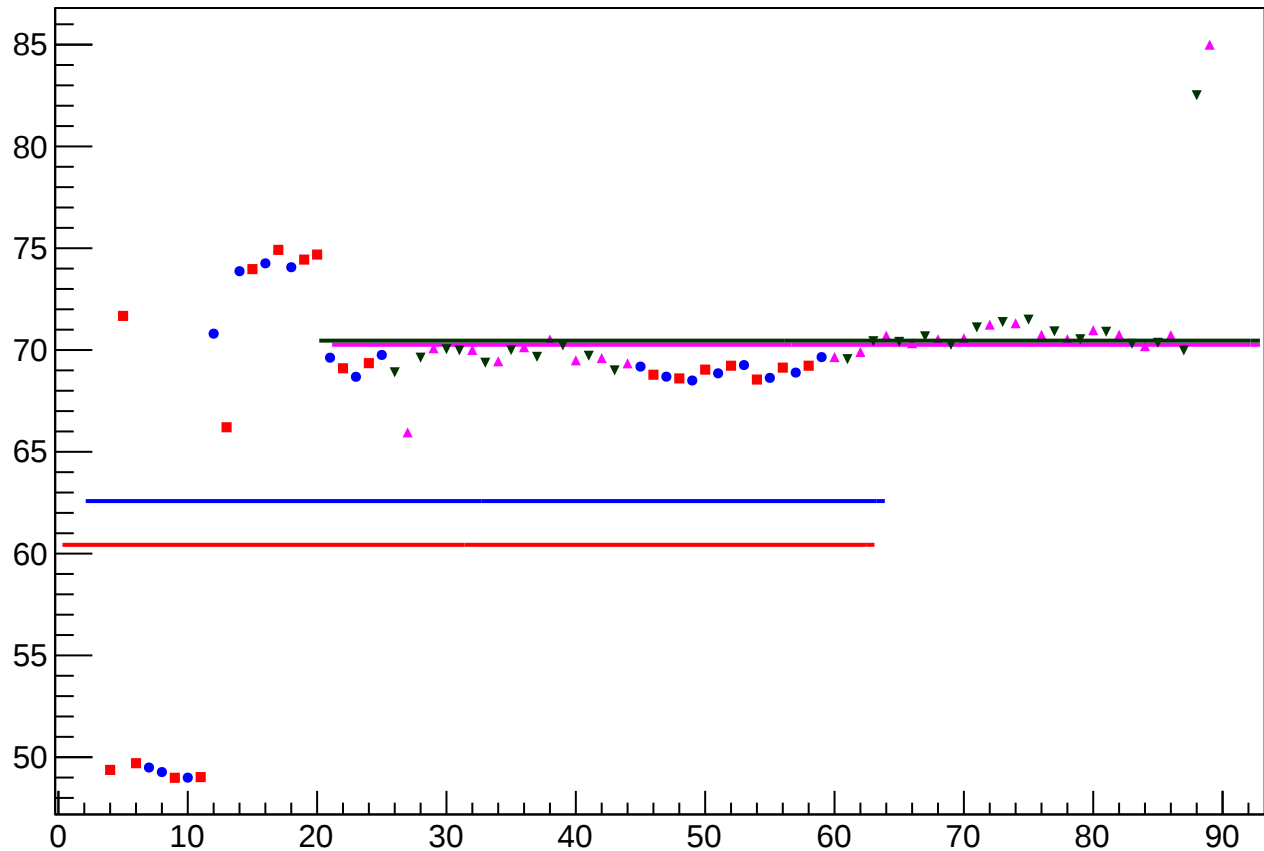
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 13535654.6/18

Left In: 0.201 $\pm$ 0.000 χ^2 /NDF: 579786.2/23

0.002 $\pm$ 0.000 χ^2 /NDF: 40895312.1/42

0.002 $\pm$ 0.000 χ^2 /NDF: 39143136.8/42

yield_bcm_dg_us_mean vs slug



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

Left Out: 70.461+/-0.000 χ^2/NDF :1090347382.1/24

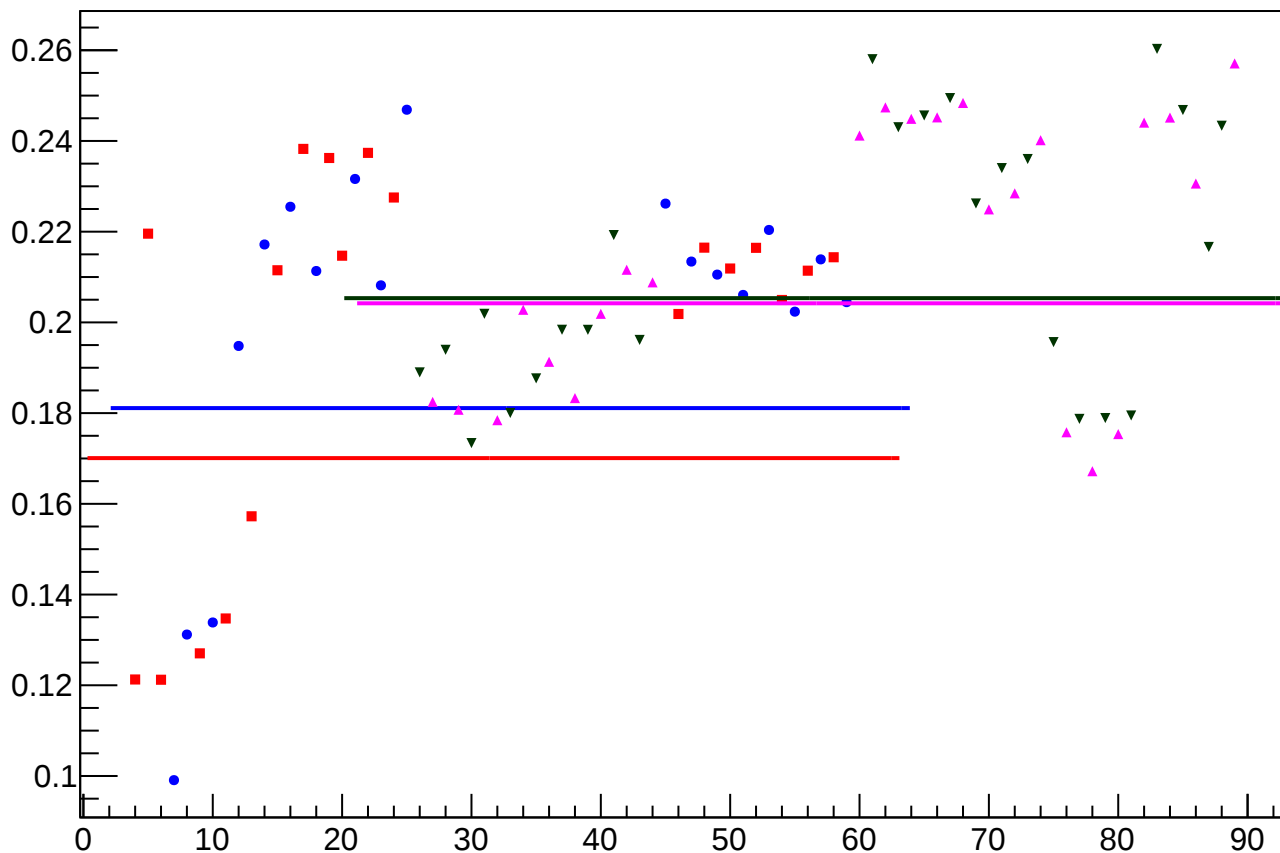
66.325+/-0.000 χ^2/NDF : 44032220440.3/42

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

65.334+/-0.000 χ^2/NDF : 49689280246.4/42

Left In: 70.258+/-0.000 χ^2/NDF :1957454498.7/23

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.205+/-0.000 χ^2/NDF : 404689.0/24

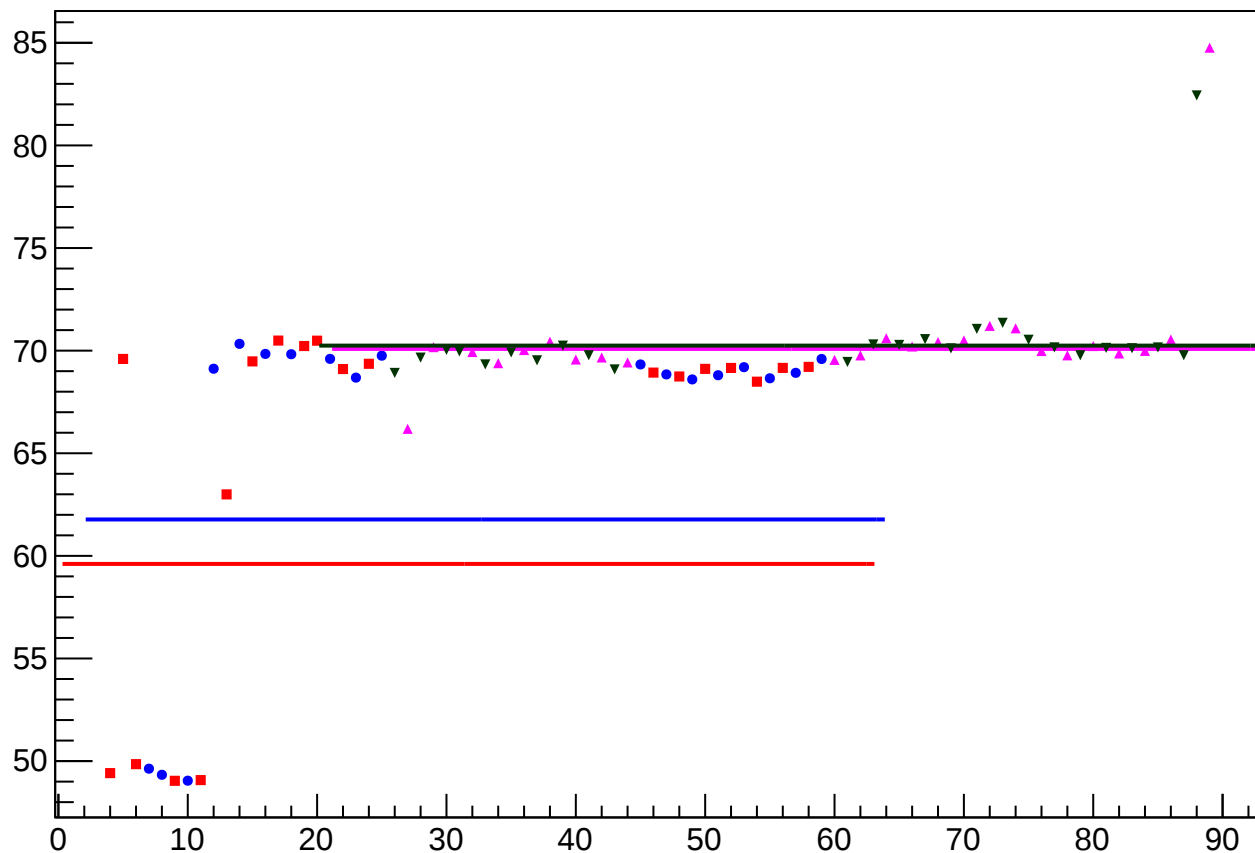
Right Out: 0.170+/-0.000 χ^2/NDF : 1183604.4/18

Left In: 0.204+/-0.000 χ^2/NDF : 498467.7/23

0.193+/-0.000 χ^2/NDF : 1796119.1/42

0.187+/-0.000 χ^2/NDF : 2038061.7/42

yield_bcm_dg_ds_mean vs slug



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

Left Out: 70.245+/-0.000 χ^2/NDF :1124227453.4/24

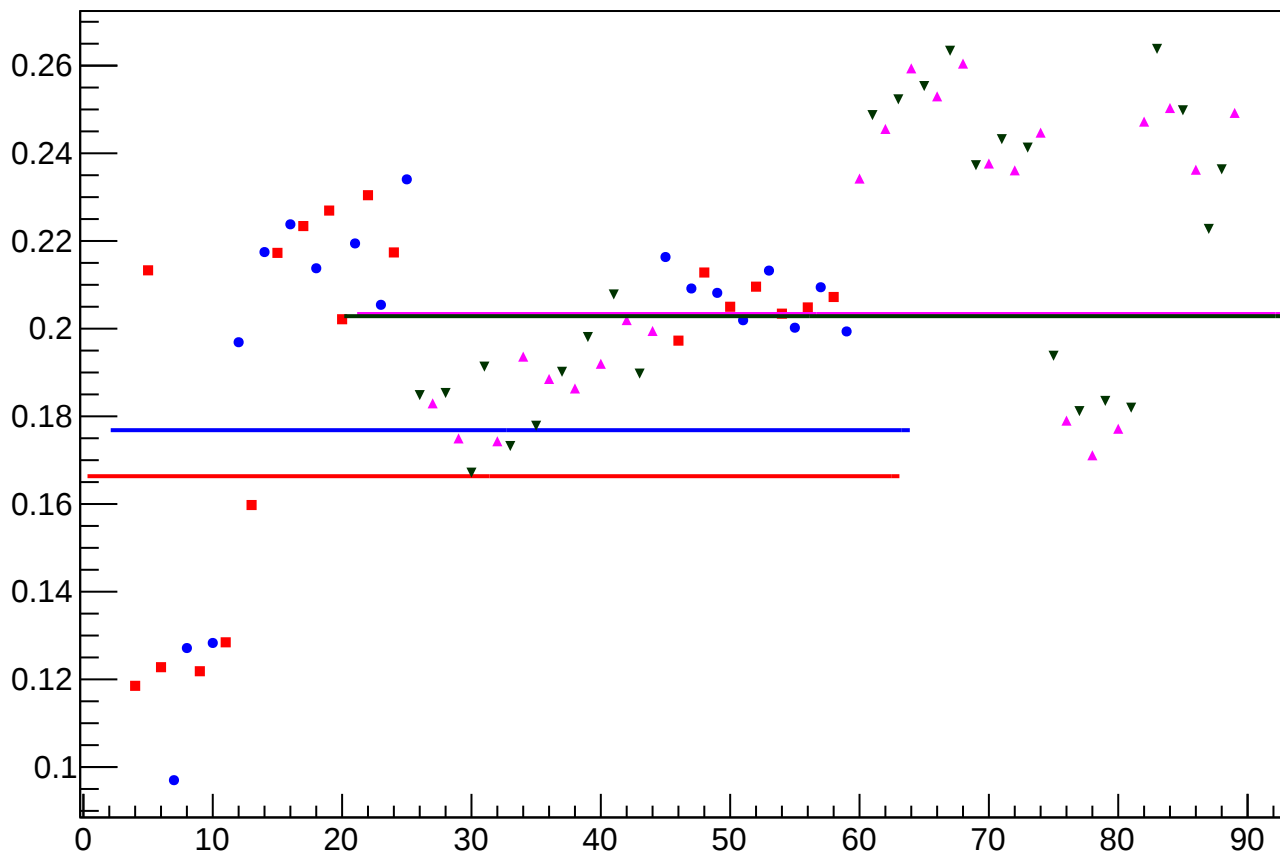
Right Out: 59.608+/-0.000 χ^2/NDF : 29547406430.8/18

Left In: 70.083+/-0.000 χ^2/NDF :1928758289.1/23

65.744+/-0.000 χ^2/NDF : 43143482080.3/42

64.735+/-0.000 χ^2/NDF : 48690733088.6/42

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.203 ± 0.000 χ^2/NDF : 517101.1/24

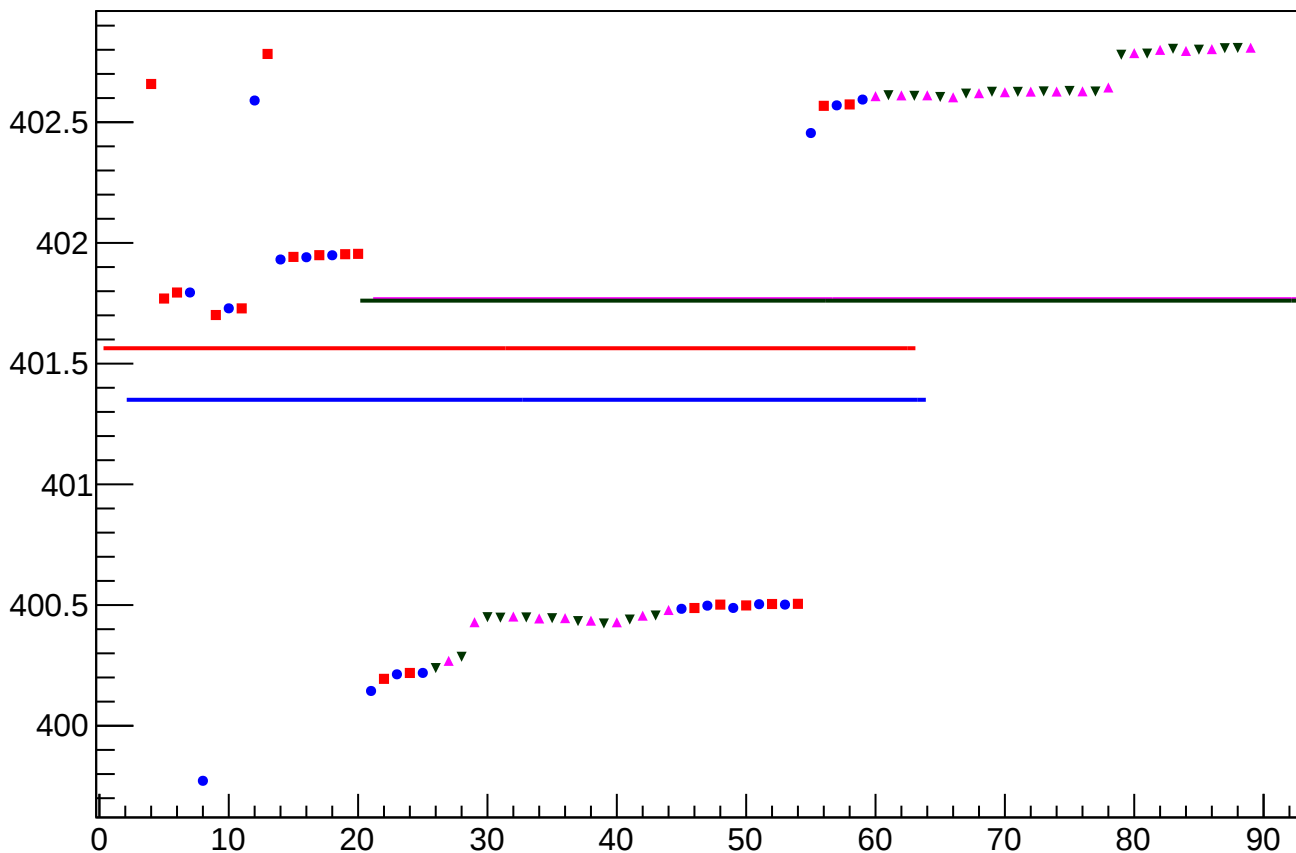
Right Out: 0.166 ± 0.000 χ^2/NDF : 1156468.8/18

Left In: 0.203 ± 0.000 χ^2/NDF : 577182.3/23

0.189 ± 0.000 χ^2/NDF : 2002079.0/42

0.184 ± 0.000 χ^2/NDF : 2163096.8/42

yield_cav4bQ_mean vs slug



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

Left Out: 401.761+/-0.000 χ^2/NDF : 360340755945.6/24

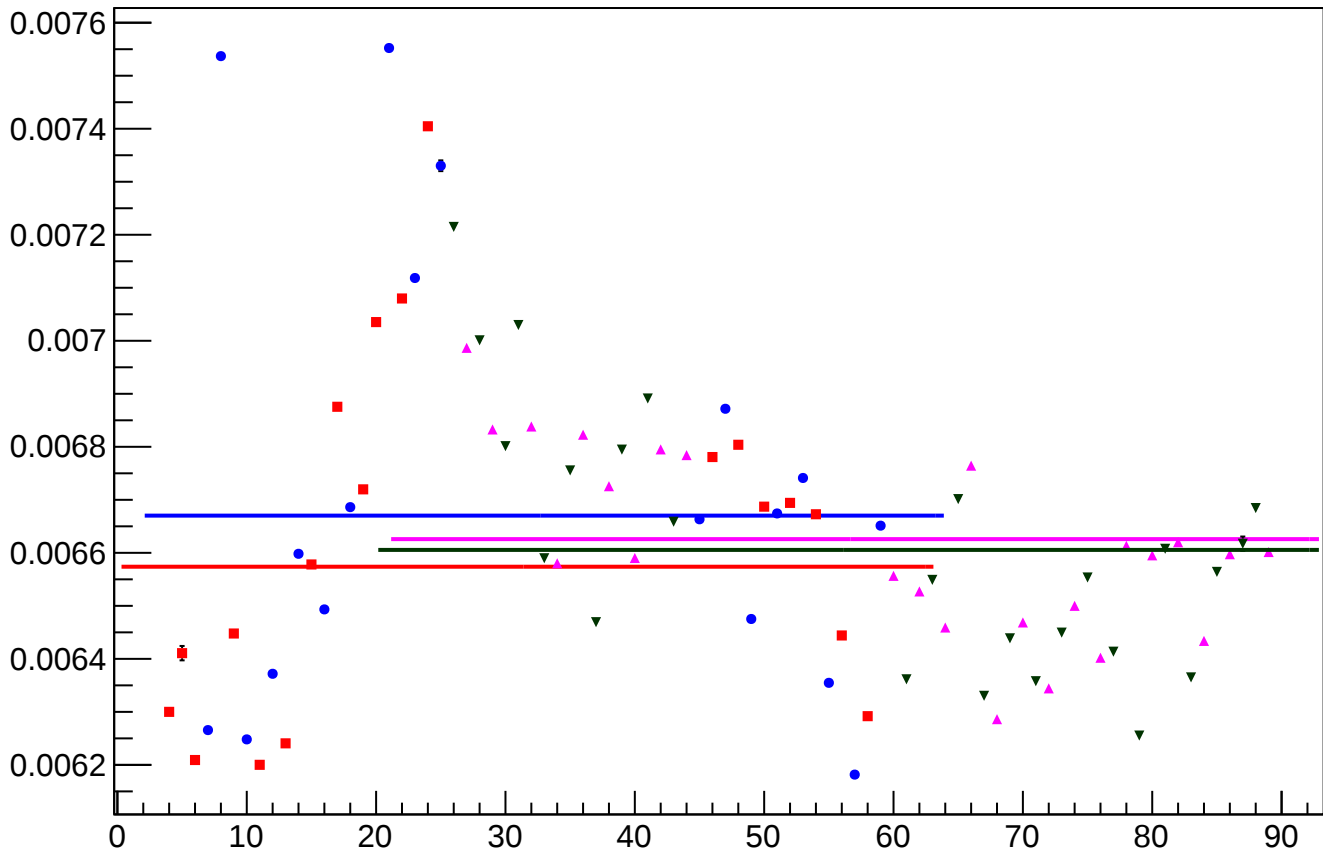
Right Out: 401.564+/-0.000 χ^2/NDF : 183973928948.5/18

Left In: 401.767+/-0.000 χ^2/NDF : 373965671252.0/23

401.569+/-0.000 χ^2/NDF : 618035926427.4/42

401.679+/-0.000 χ^2/NDF : 563357450261.2/42

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 : 31738.5/24

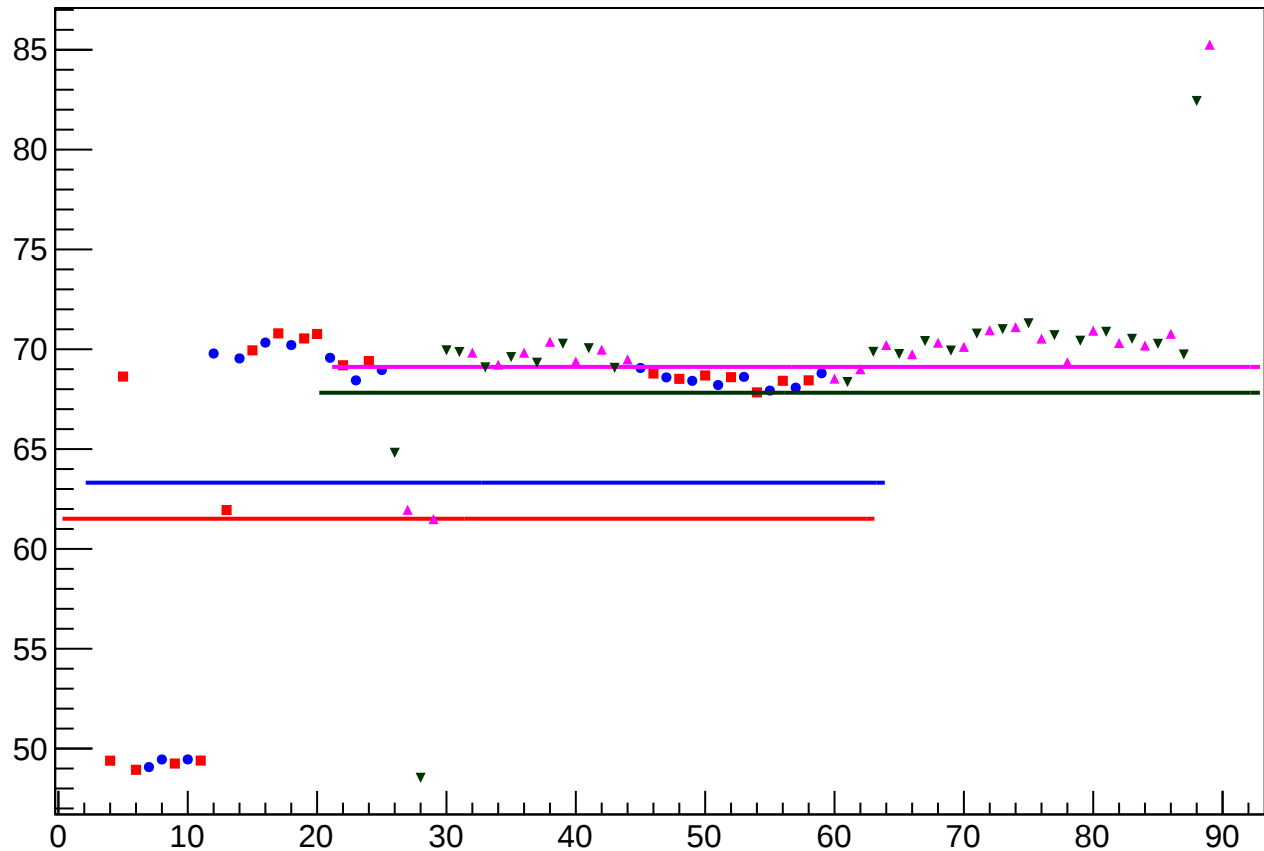
Right Out: 0.007+/-0.000 χ^2/NDF : 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF : 19779.6/23

0.007+/-0.000 χ^2/NDF : 109542.2/42

0.007+/-0.000 χ^2/NDF : 68171.3/42

yield_cav4cQ_mean vs slug



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

Left Out: 67.823+/-0.000 χ^2/NDF : 12122852582.0/24

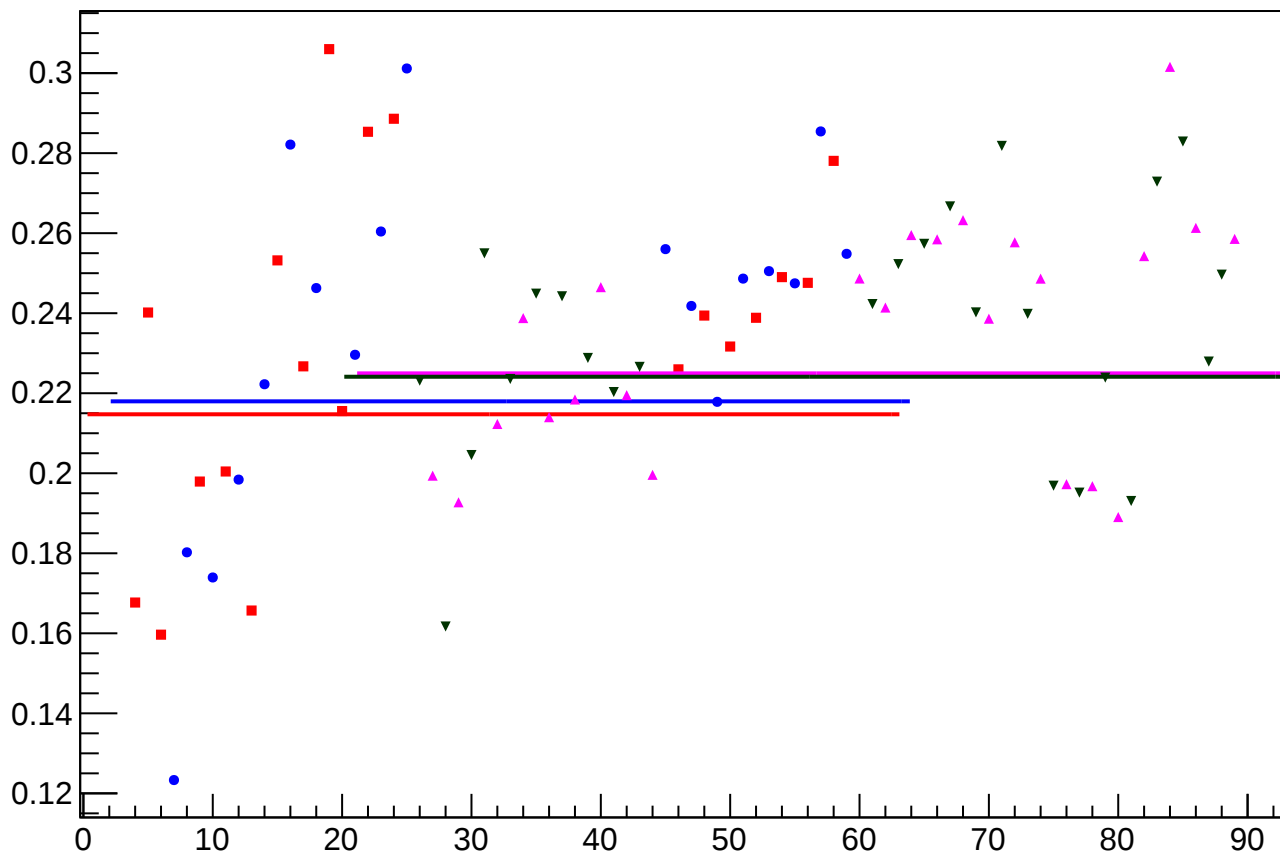
Right Out: 61.513+/-0.000 χ^2/NDF : 15349624825.1/18

Left In: 69.117+/-0.000 χ^2/NDF : 4029262704.4/23

65.664+/-0.000 χ^2/NDF : 31405371697.4/42

65.824+/-0.000 χ^2/NDF : 25484810325.4/42

yield_cav4cQ_rms vs slug



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

Left Out: 0.224 $\pm$ 0.000 χ^2 /NDF: 497141.1/24

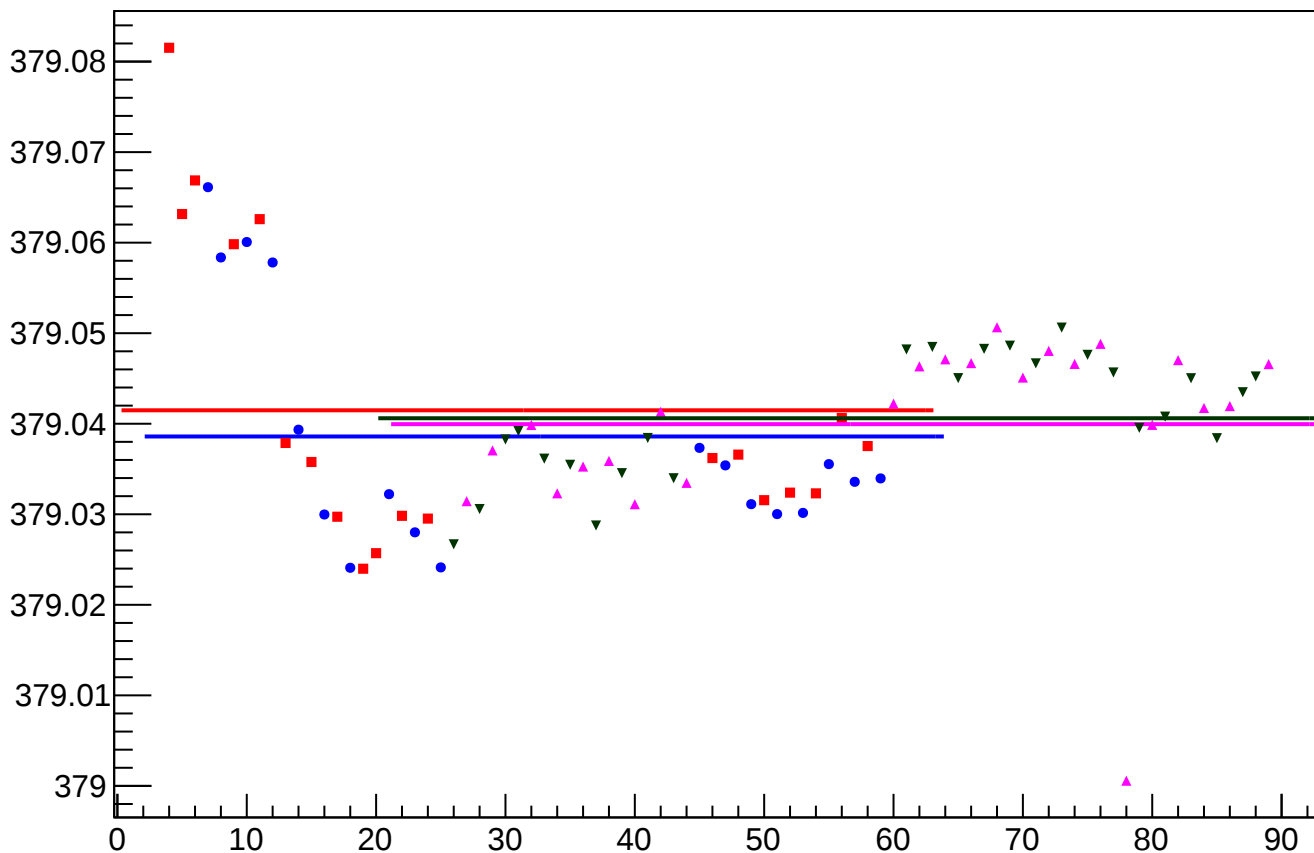
Right Out: 0.215 $\pm$ 0.000 χ^2 /NDF: 631176.3/18

Left In: 0.225 $\pm$ 0.000 χ^2 /NDF: 389879.4/23

0.221 $\pm$ 0.000 χ^2 /NDF: 1240095.8/42

0.221 $\pm$ 0.000 χ^2 /NDF: 1043154.9/42

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:12401056.8/24

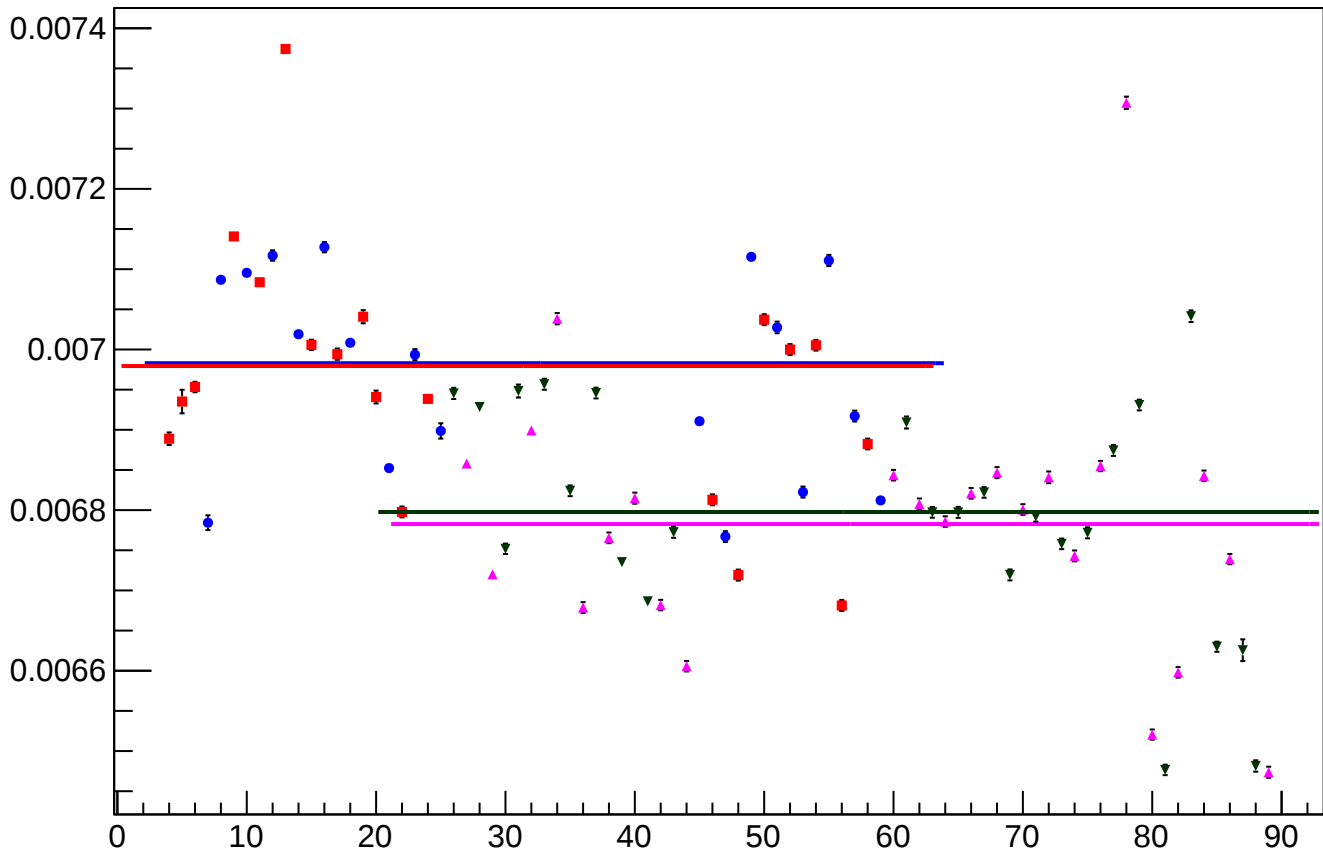
Right Out: 379.041 $\pm$ 0.000 χ^2 /NDF: 46280794.1/18

Left In: 379.040 $\pm$ 0.000 χ^2 /NDF:23439644.9/23

379.040 $\pm$ 0.000 χ^2 /NDF: 46683409.2/42

379.041 $\pm$ 0.000 χ^2 /NDF: 70001809.8/42

yield_cav4dQ_rms vs slug



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

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:10228.8/24

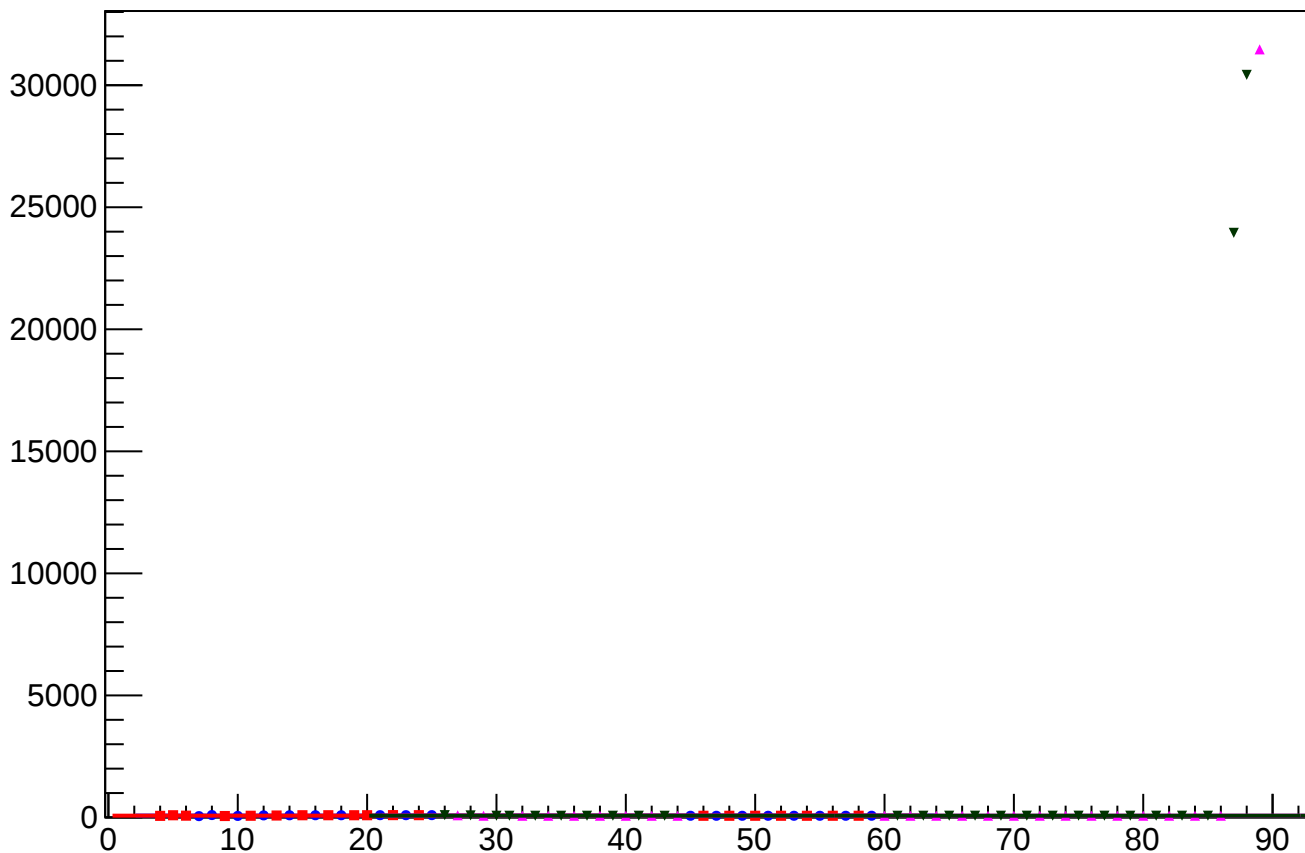
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 11747.2/18

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:13248.6/23

0.007 $\pm$ 0.000 χ^2 /NDF: 25502.2/42

0.007 $\pm$ 0.000 χ^2 /NDF: 34301.8/42

yield_bcm0l02_mean vs slug



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

Left Out: 72.456+/-0.000 χ^2/NDF : 21654466111.1/24

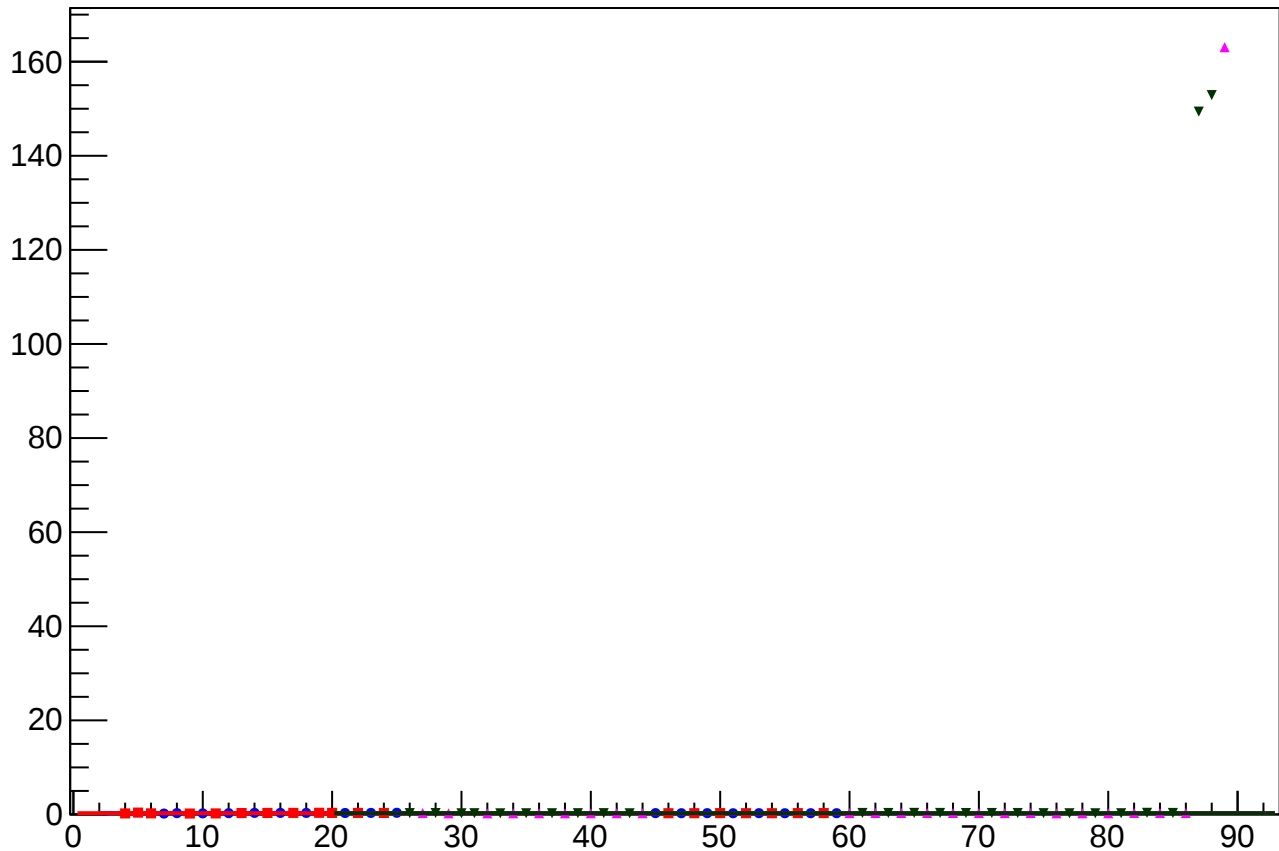
Right Out: 73.439+/-0.000 χ^2/NDF : 14741427319.0/18

Left In: 72.076+/-0.000 χ^2/NDF : 18707035872.8/23

74.169+/-0.000 χ^2/NDF : 43346147059.0/42

72.679+/-0.000 χ^2/NDF : 33577608300.5/42

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 : 1260680.4/24

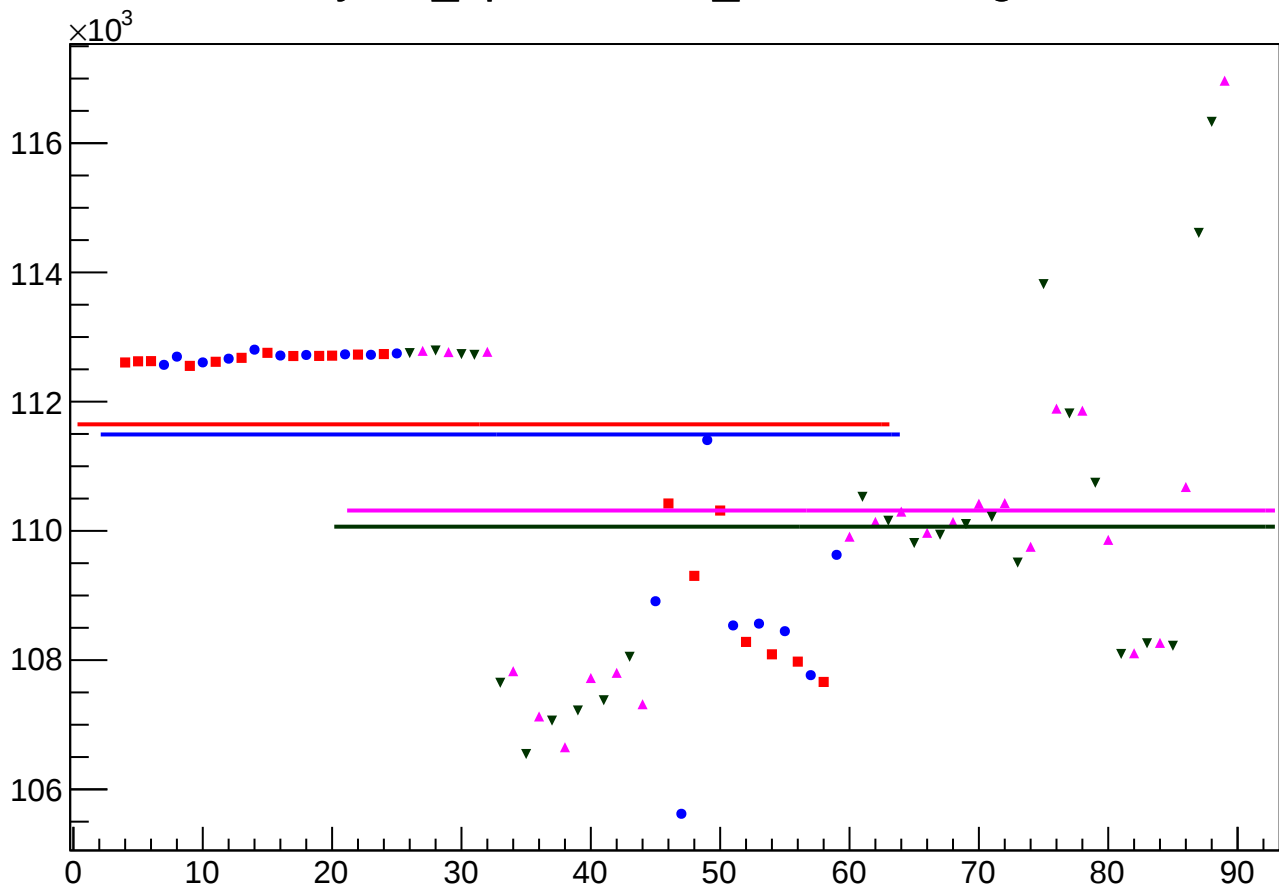
Right Out: 0.265+/-0.000 χ^2/NDF : 503582.7/18

Left In: 0.275+/-0.000 χ^2/NDF : 1123203.8/23

0.277+/-0.000 χ^2/NDF : 1631298.0/42

0.271+/-0.000 χ^2/NDF : 1639870.7/42

yield_bpm2i01WS_mean vs slug



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

Left Out: 110065.243 $\pm$ 0.038 χ^2 /NDF: 4224882039.3/24

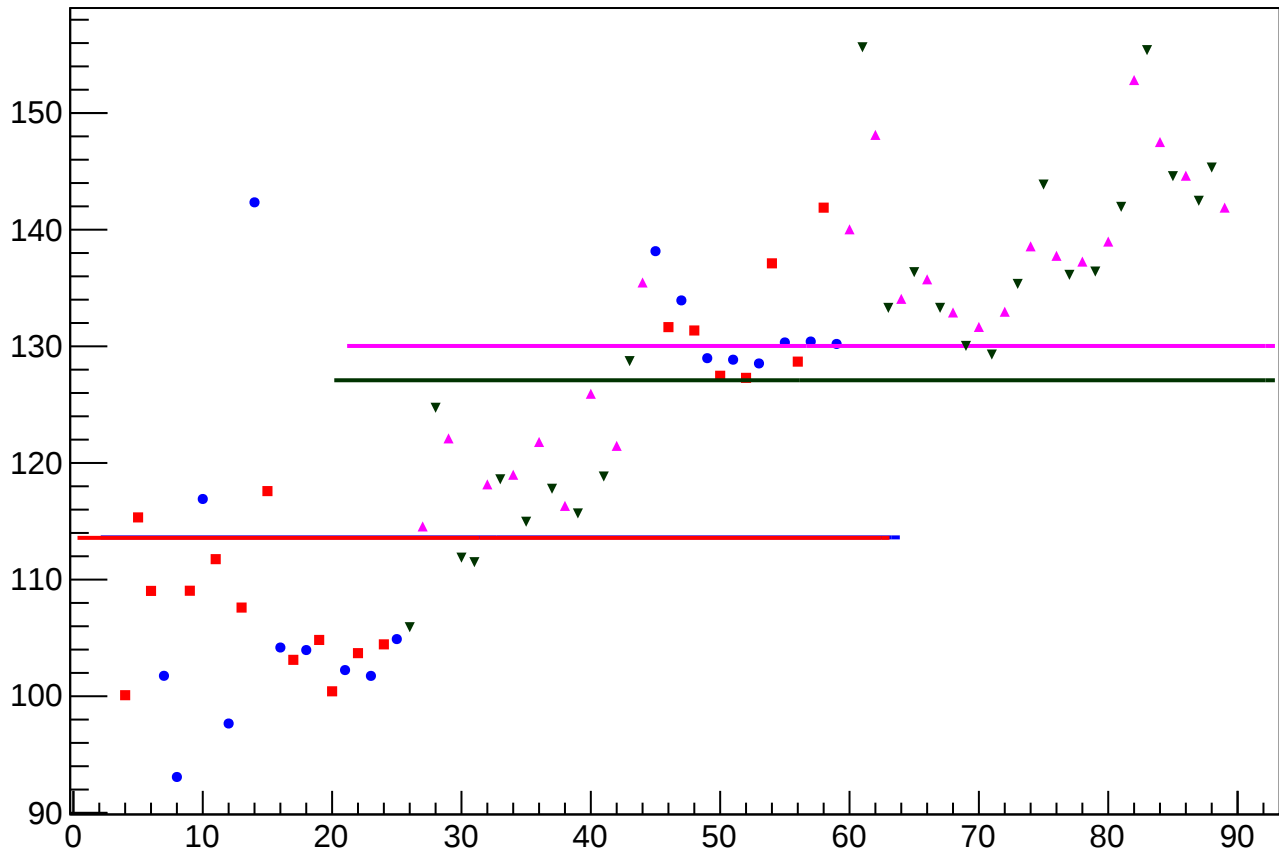
Right Out: 111648.935 $\pm$ 0.037 χ^2 /NDF: 2298631932.7/18

Left In: 110315.311 $\pm$ 0.037 χ^2 /NDF: 3914426040.5/23

110832.338 $\pm$ 0.026 χ^2 /NDF: 8167721779.0/42

110979.069 $\pm$ 0.026 χ^2 /NDF: 6857369997.3/42

yield_bpm2i01WS_rms vs slug



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

Left Out: 127.090 $\pm$ 0.027 χ^2 /NDF: 230973.2/24

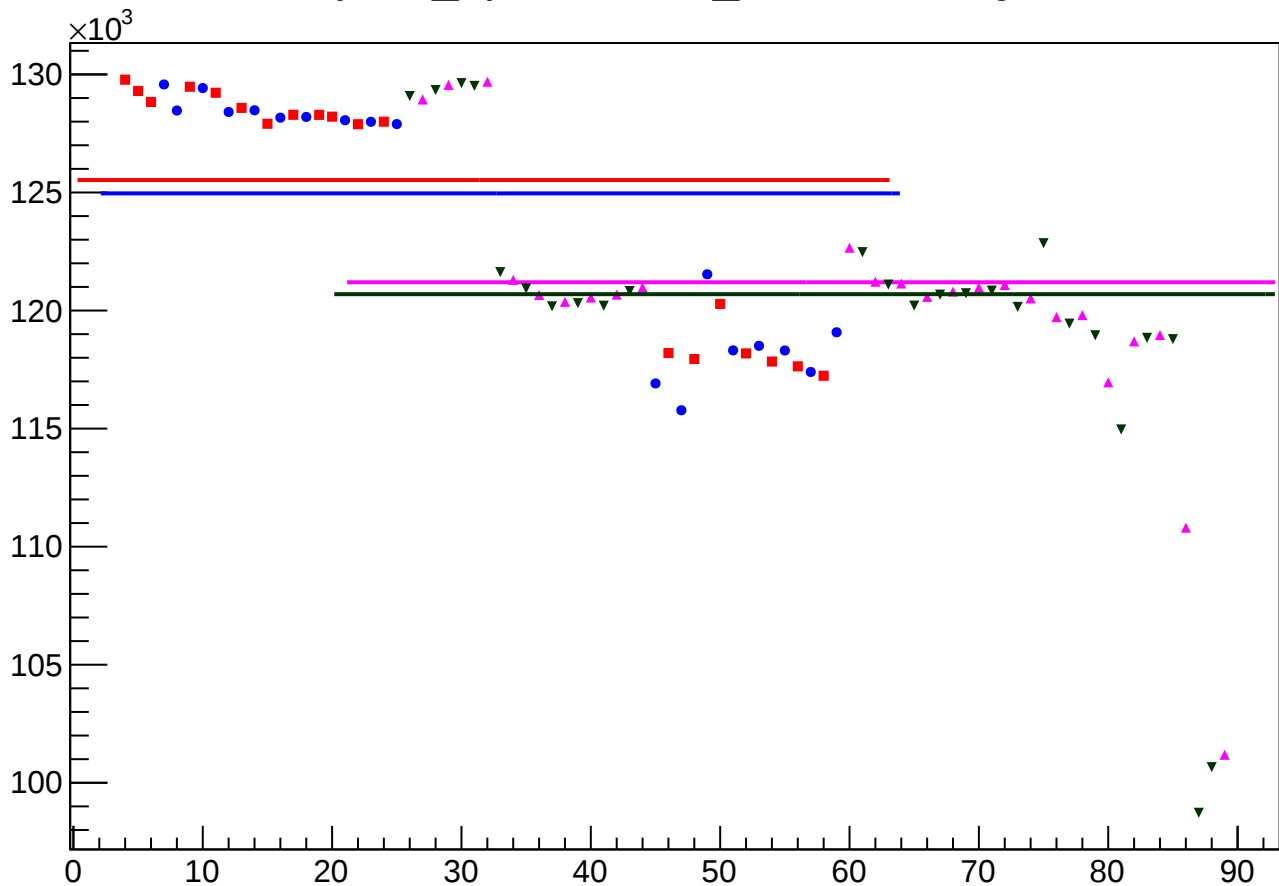
Right Out: 113.579 $\pm$ 0.026 χ^2 /NDF: 206805.2/18

Left In: 130.032 $\pm$ 0.026 χ^2 /NDF: 170136.1/23

119.849 $\pm$ 0.018 χ^2 /NDF: 790778.7/42

121.843 $\pm$ 0.019 χ^2 /NDF: 573058.9/42

yield_bpm0i07WS_mean vs slug



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

Left Out: 120693.116 $\pm$ 0.061 χ^2 /NDF: 9924480363.1/24

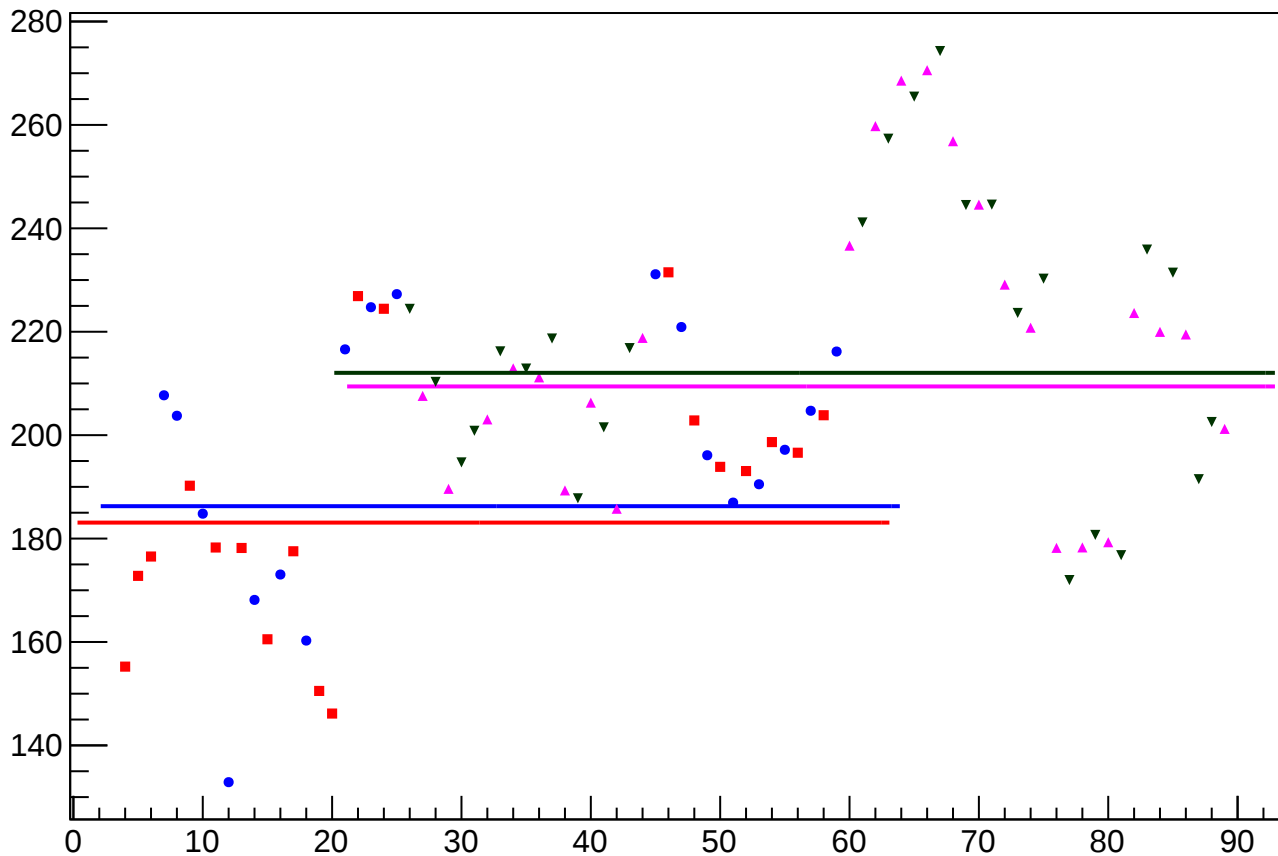
Right Out: 125527.018 $\pm$ 0.060 χ^2 /NDF: 6545248421.9/18

Left In: 121197.407 $\pm$ 0.058 χ^2 /NDF: 10392376380.7/23

122985.237 $\pm$ 0.042 χ^2 /NDF: 19756915272.7/4

123316.066 $\pm$ 0.042 χ^2 /NDF: 19637465568.5/4

yield_bpm0i07WS_rms vs slug



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

Left Out: 212.052+/-0.043 χ^2/NDF : 367865.6/24

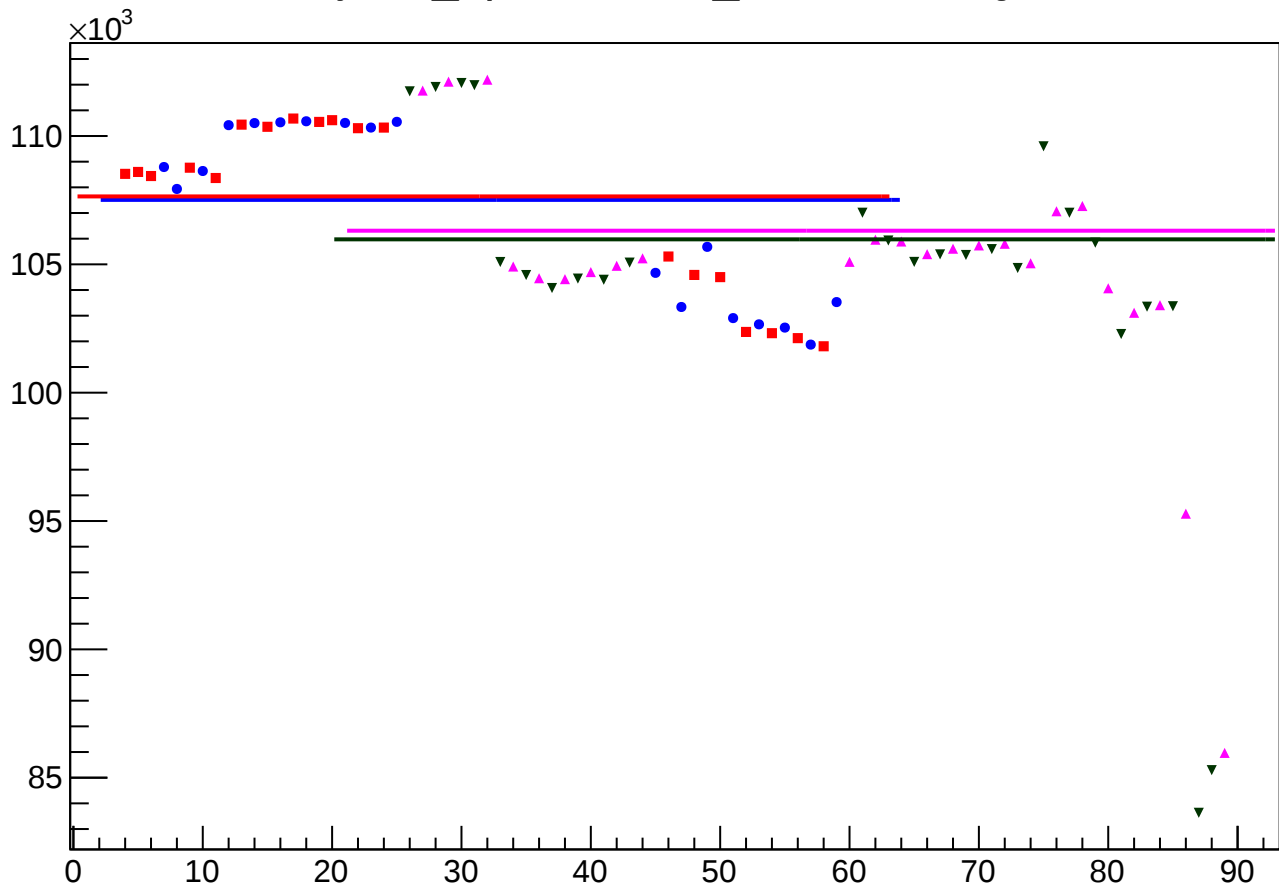
Right Out: 183.088+/-0.042 χ^2/NDF : 276420.3/18

Left In: 209.421+/-0.041 χ^2/NDF : 367989.8/23

198.204+/-0.029 χ^2/NDF : 1021252.3/42

196.536+/-0.029 χ^2/NDF : 844152.7/42

yield_bpm0l01WS_mean vs slug



Right In: 107511.375 $\pm$ 0.037

χ^2 /NDF: 7545366390.6/17

Left Out: 105973.871 $\pm$ 0.037

χ^2 /NDF: 17789049446.5/24

Right Out: 107646.372 $\pm$ 0.039

χ^2 /NDF: 6547636060.9/18

Left In: 106310.580 $\pm$ 0.036

χ^2 /NDF: 18393925301.5/23

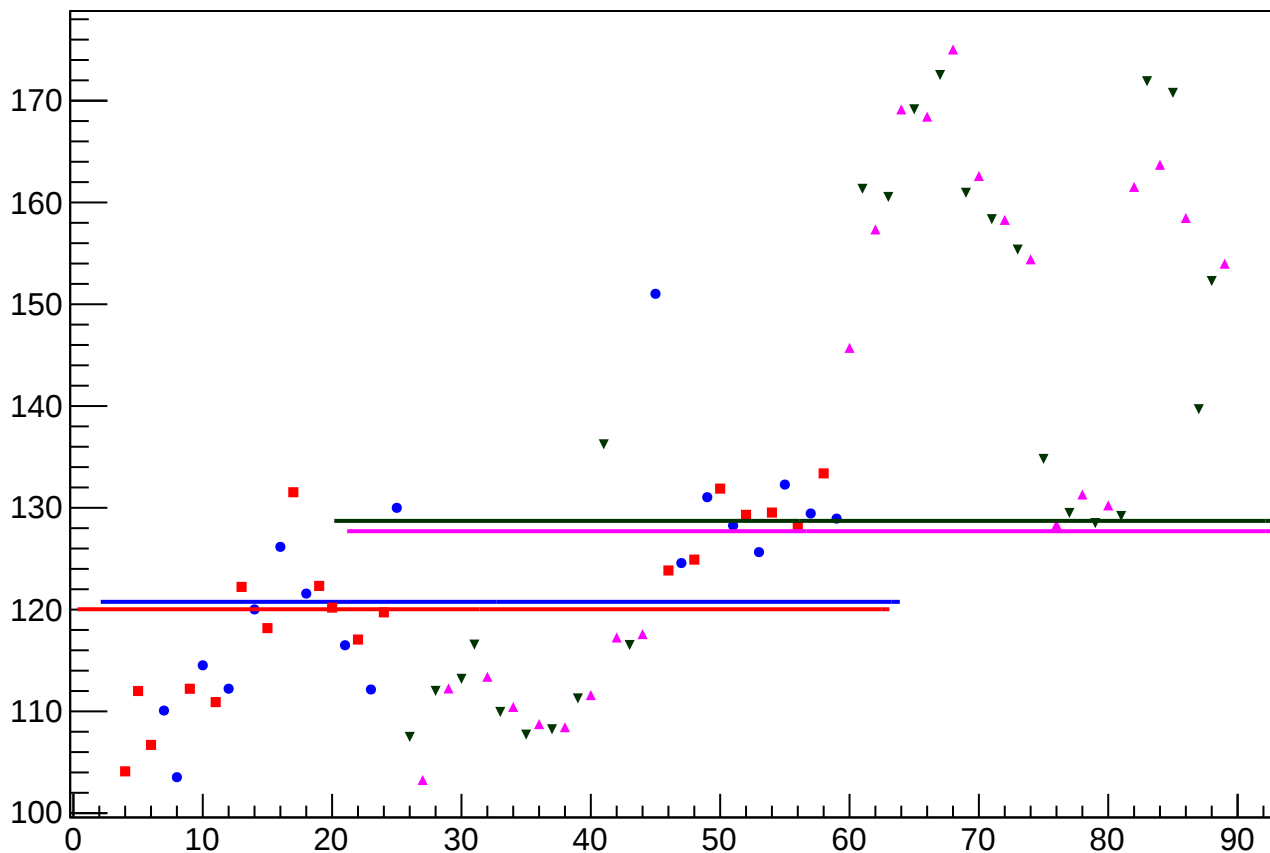
106760.840 $\pm$ 0.026

χ^2 /NDF: 26196349444.8/4

106924.425 $\pm$ 0.026

χ^2 /NDF: 25578104597.6/4

yield_bpm0l01WS_rms vs slug



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

Left Out: 128.717+/-0.026 χ^2/NDF : 692756.8/24

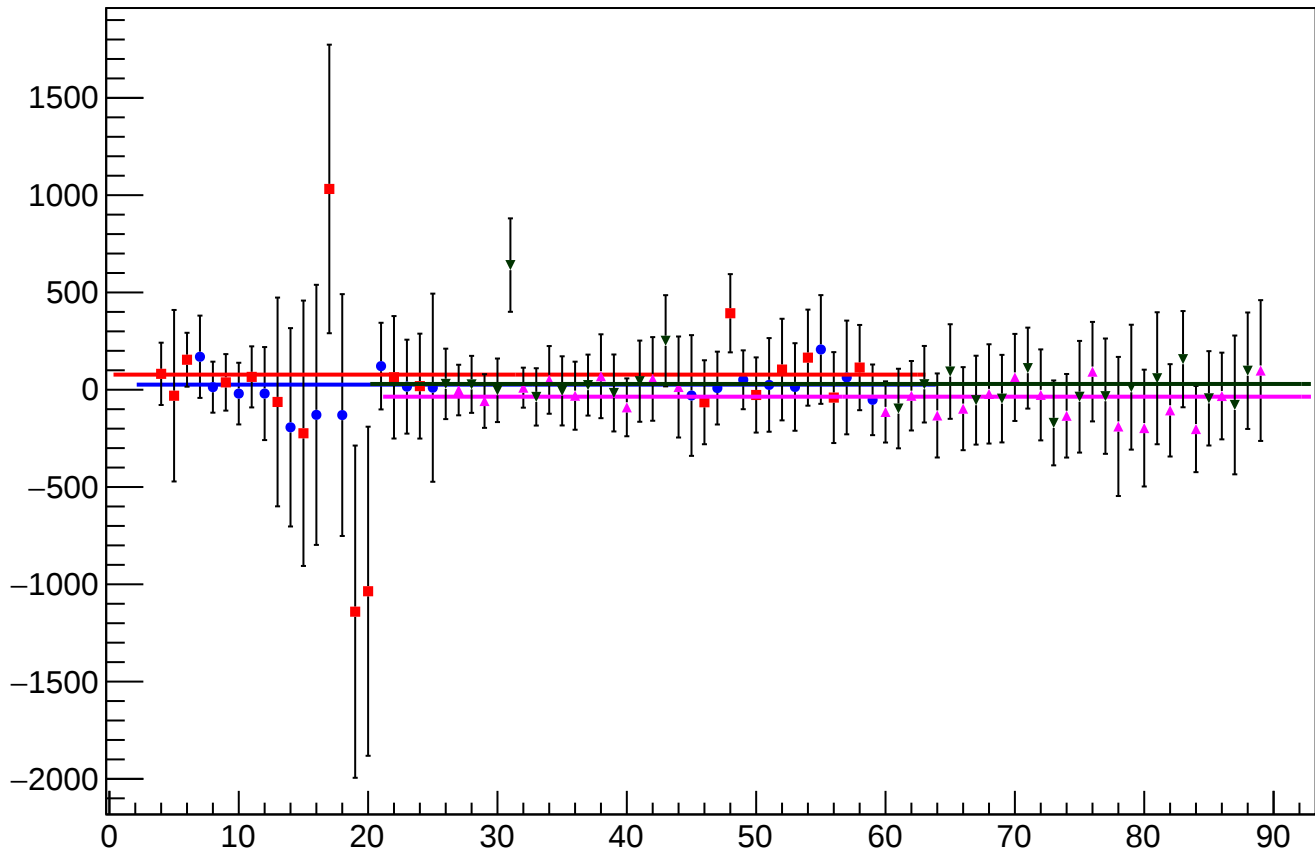
Right Out: 120.035+/-0.028 χ^2/NDF : 93920.3/18

Left In: 127.702+/-0.025 χ^2/NDF : 791767.8/23

124.646+/-0.019 χ^2/NDF : 894624.2/42

124.179+/-0.019 χ^2/NDF : 927630.9/42

asym_bcm_an_ds_mean vs slug



Right In: 26.246 ± 52.510 $\chi^2/\text{NDF}: 1.8/17$

Left Out: 29.663 ± 42.214 $\chi^2/\text{NDF}: 10.0/24$

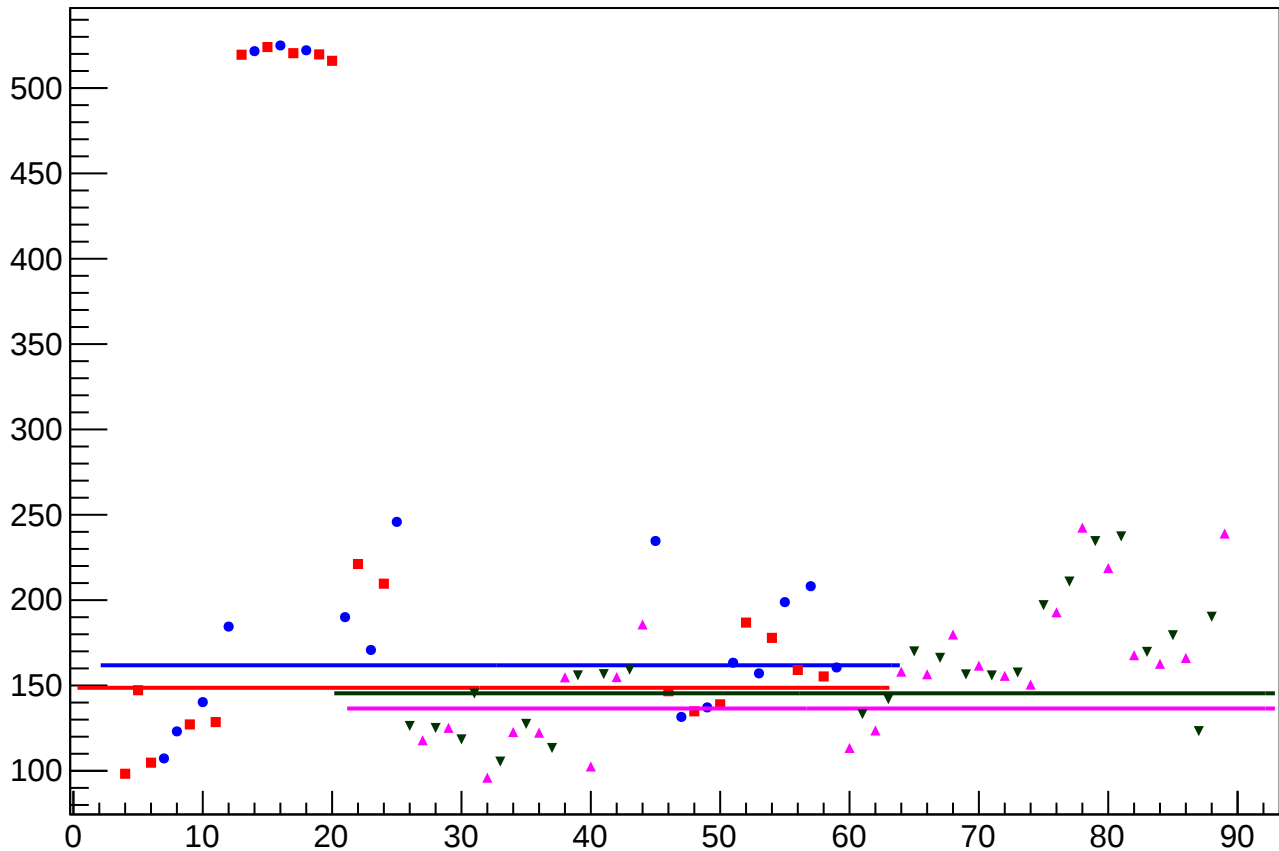
Right Out: 77.703 ± 52.586 $\chi^2/\text{NDF}: 9.8/18$

Left In: -35.726 ± 38.748 $\chi^2/\text{NDF}: 3.6/23$

28.322 ± 32.901 $\chi^2/\text{NDF}: 11.8/42$

4.188 ± 31.194 $\chi^2/\text{NDF}: 16.4/42$

asym_bcm_an_ds_rms vs slug



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

Left Out: 145.421+/-0.030 χ^2/NDF :1020992.9/24

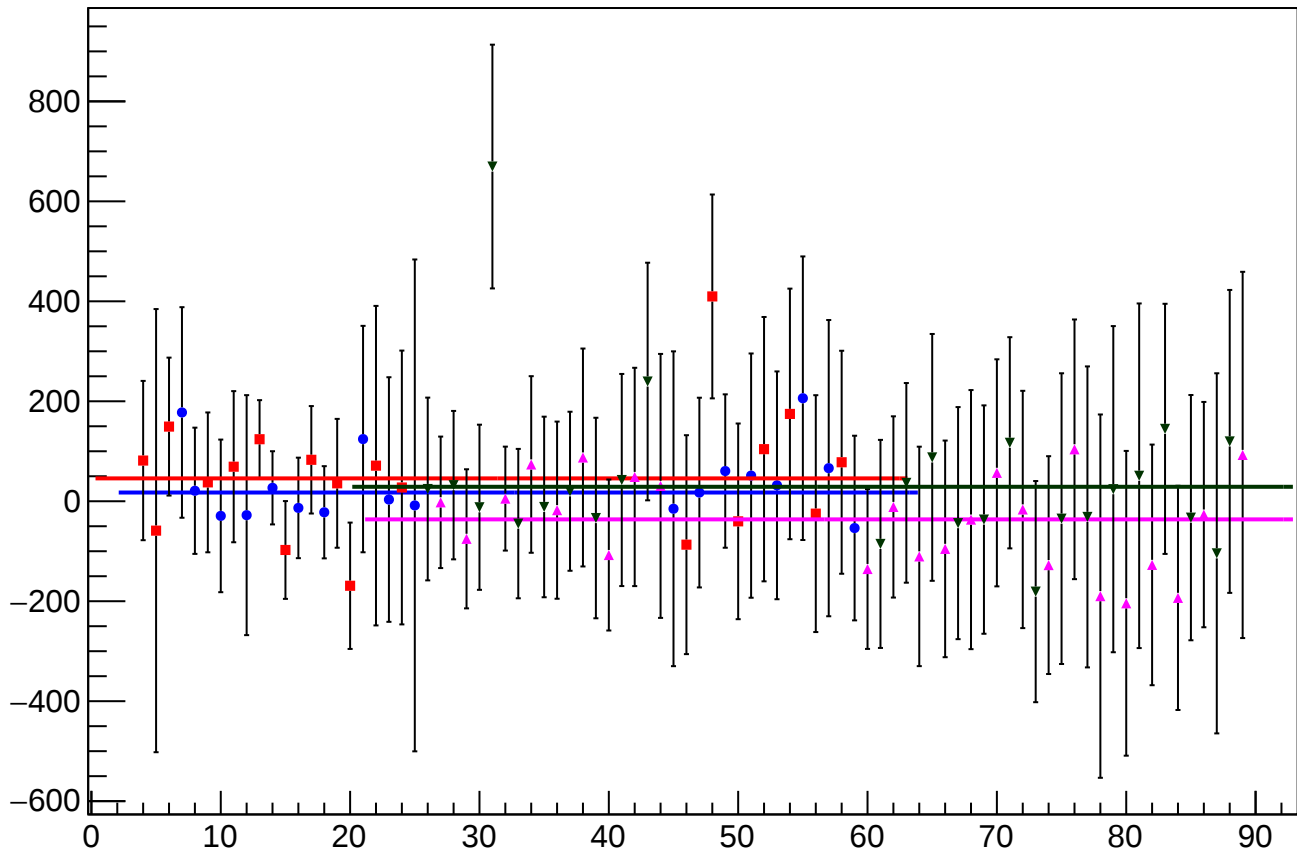
Right Out: 148.646+/-0.037 χ^2/NDF : 3594583.0/18

Left In: 136.516+/-0.027 χ^2/NDF :1474056.2/23

151.865+/-0.023 χ^2/NDF : 4158550.3/42

140.785+/-0.022 χ^2/NDF : 5137611.8/42

asym_bcm_an_ds3_mean vs slug



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

Left Out: 28.927 ± 42.819 χ^2/NDF : 10.4/24

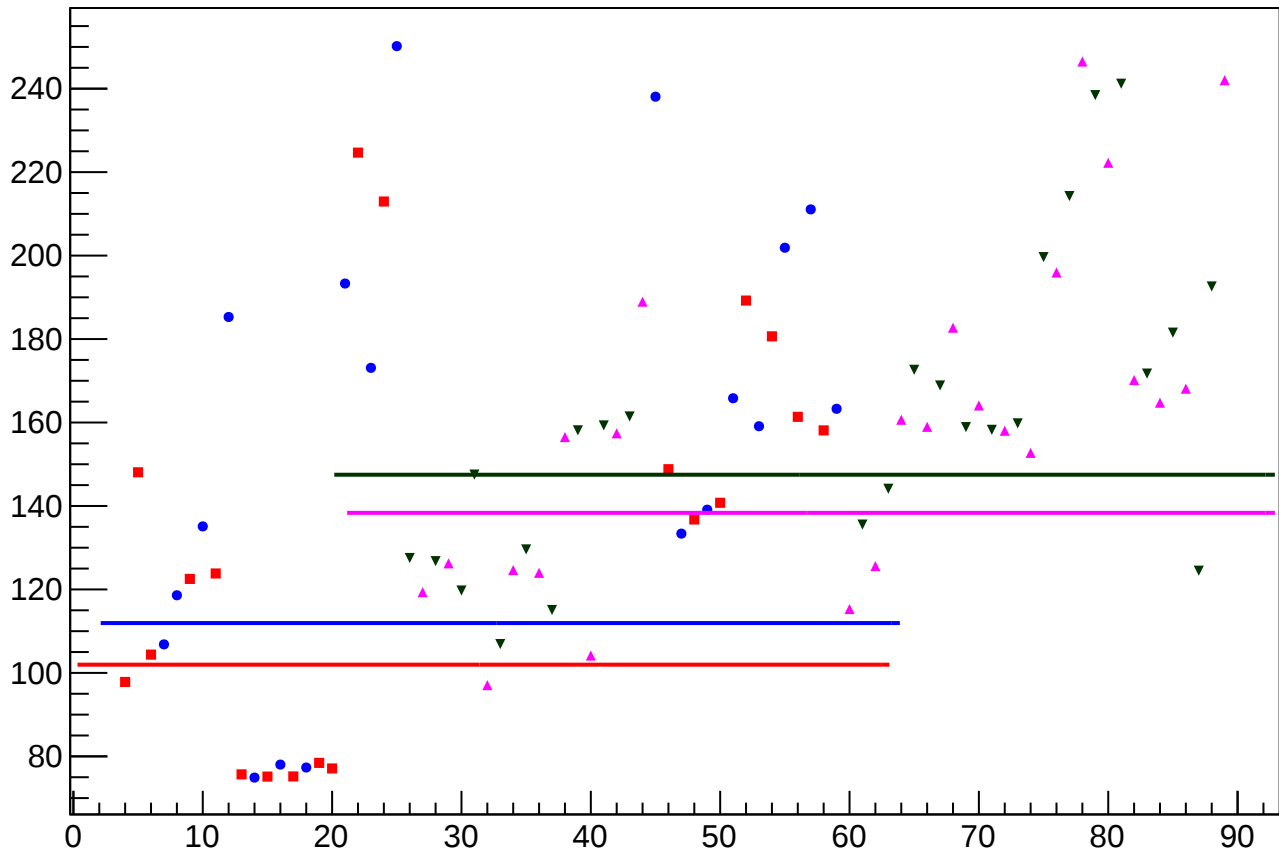
Right Out: 45.735 ± 34.677 χ^2/NDF : 11.0/18

Left In: -36.275 ± 39.280 χ^2/NDF : 3.9/23

22.256 ± 27.695 χ^2/NDF : 12.4/42

9.814 ± 25.996 χ^2/NDF : 17.4/42

asym_bcm_an_ds3_rms vs slug



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

Left Out: 147.488 $\pm$ 0.030 χ^2 /NDF:1024862.7/24

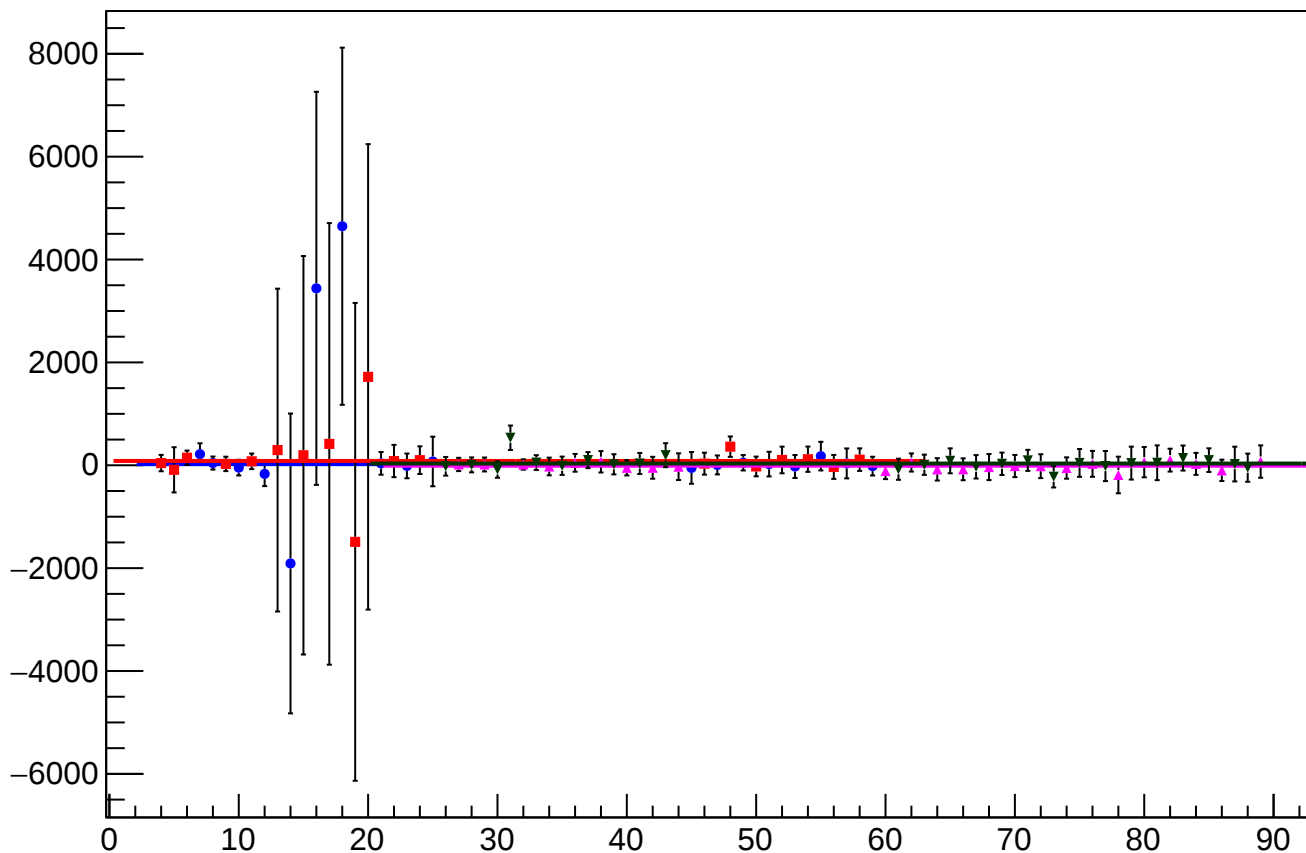
126.812 $\pm$ 0.020 χ^2 /NDF: 4799296.4/42

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

117.909 $\pm$ 0.018 χ^2 /NDF: 4720043.3/42

Left In: 138.355 $\pm$ 0.028 χ^2 /NDF:1483936.5/23

asym_bcm_an_us_mean vs slug



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

Left Out: 33.956 $\pm$ 41.572 χ^2 /NDF: 8.3/24

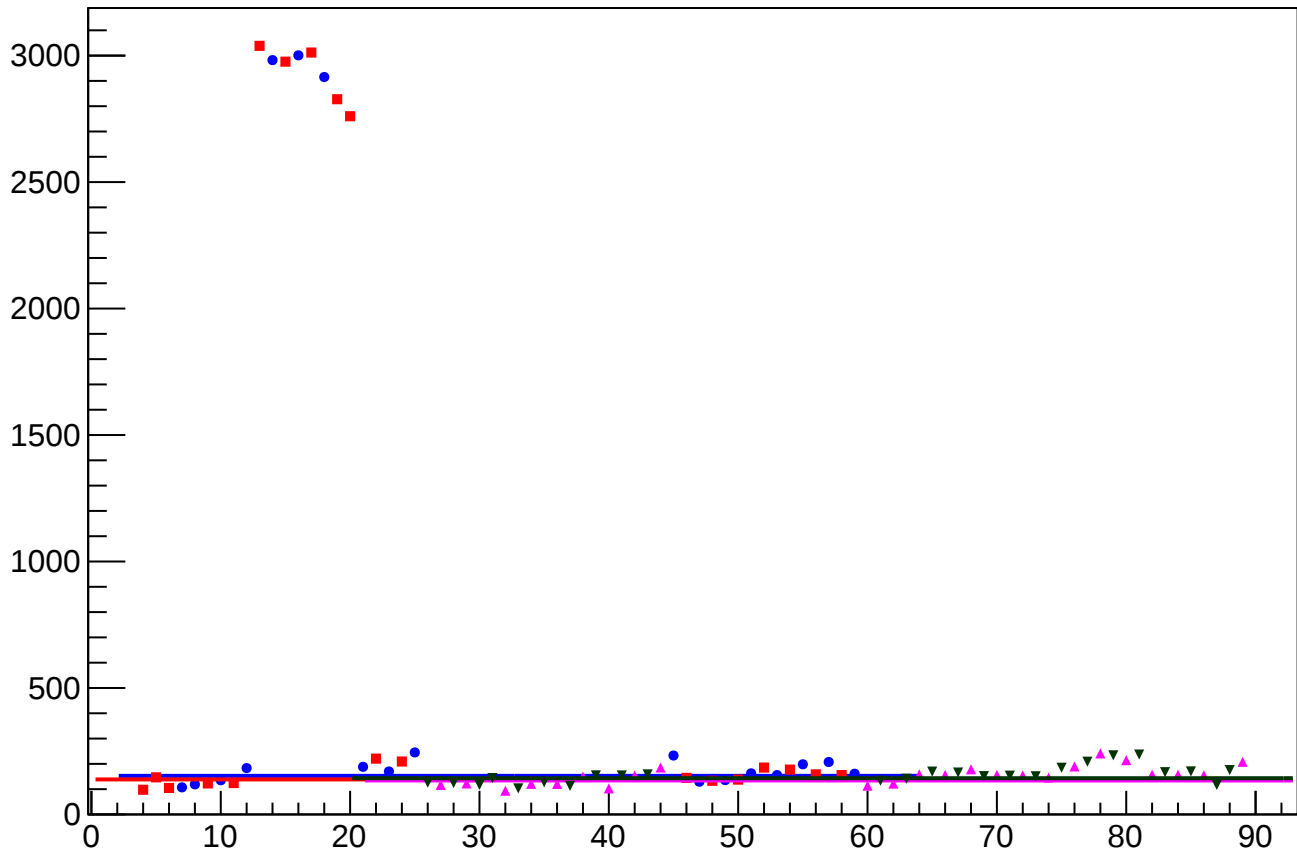
Right Out: 84.092 $\pm$ 52.636 χ^2 /NDF: 3.5/18

Left In: -8.429 $\pm$ 38.048 χ^2 /NDF: 2.2/23

29.245 $\pm$ 32.559 χ^2 /NDF: 13.6/42

23.324 $\pm$ 30.836 χ^2 /NDF: 7.7/42

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF : 5017627.8/17

Left Out: 143.303+/-0.029 χ^2/NDF : 978241.4/24

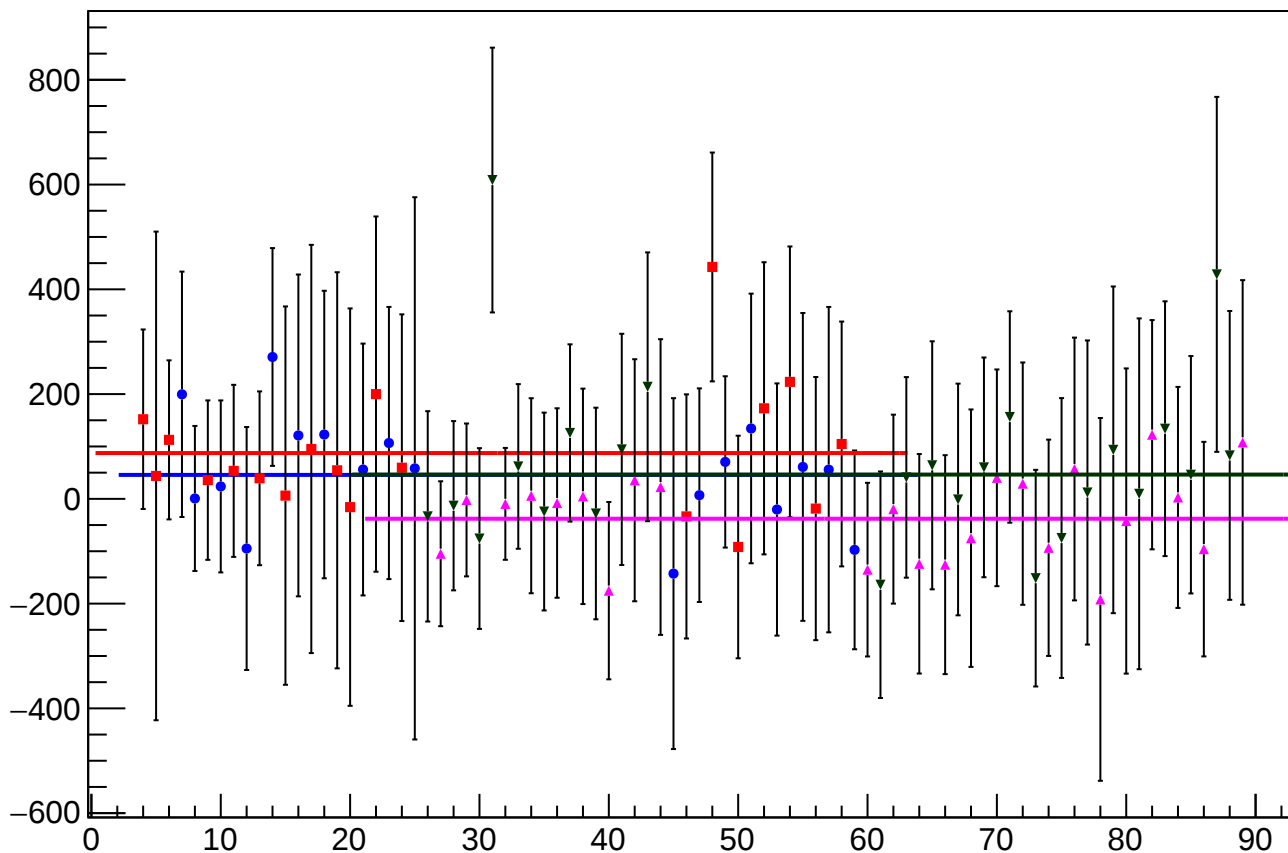
146.908+/-0.023 χ^2/NDF : 6034775.3/42

Right Out: 138.455+/-0.037 χ^2/NDF : 5734578.9/18

135.738+/-0.022 χ^2/NDF : 7123209.1/42

Left In: 134.318+/-0.027 χ^2/NDF : 1380515.8/23

asym_bcm_dg_us_mean vs slug



Right In: 45.739+/-52.604 χ^2/NDF : 3.4/17

Left Out: 46.358+/-43.153 χ^2/NDF :10.6/24

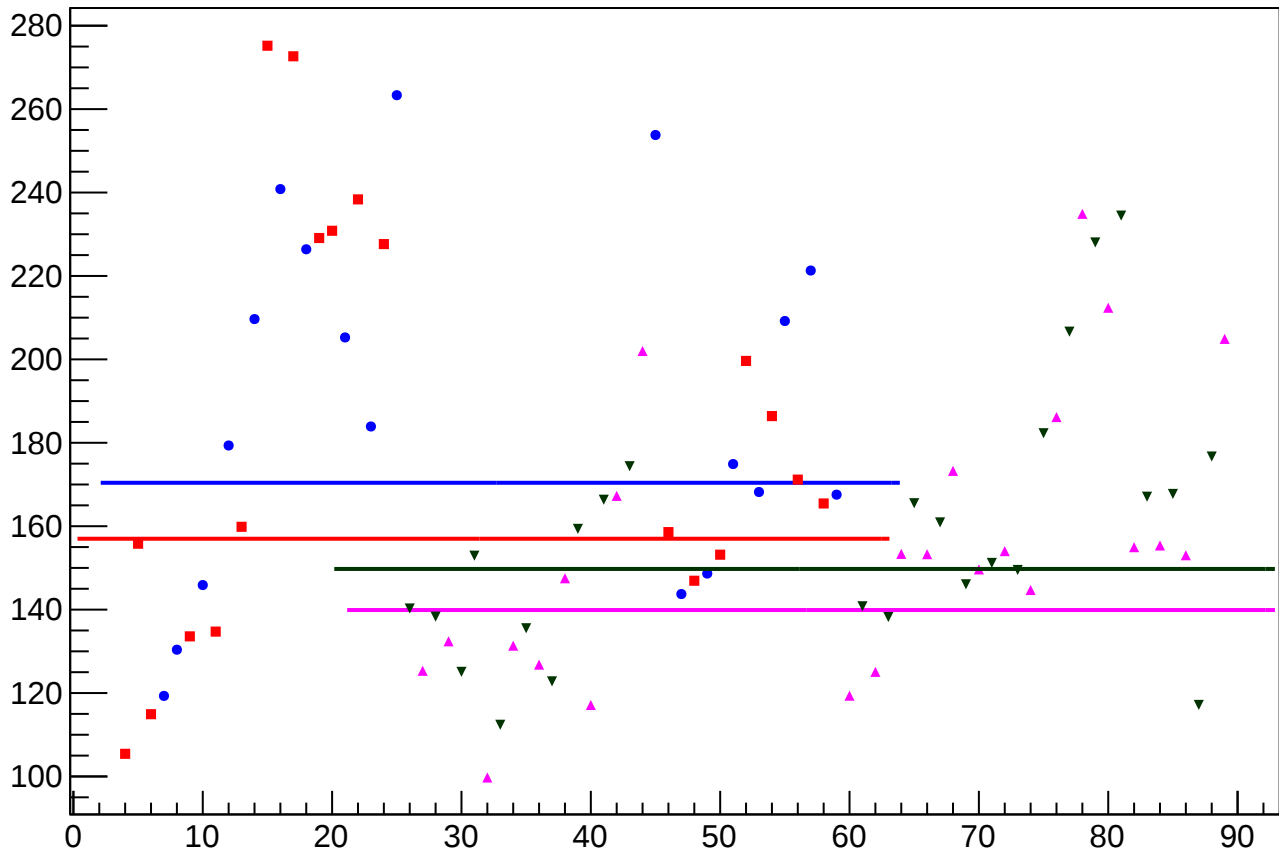
Right Out: 87.434+/-51.940 χ^2/NDF : 4.9/18

Left In: -37.935+/-39.386 χ^2/NDF :3.5/23

46.109+/-33.363 χ^2/NDF : 14.0/42

7.835+/-31.383 χ^2/NDF : 12.1/42

asym_bcm_dg_us_rms vs slug



Right In: 170.412 $\pm$ 0.037 χ^2 /NDF: 964671.4/17

Left Out: 149.753 $\pm$ 0.031 χ^2 /NDF: 711278.1/24

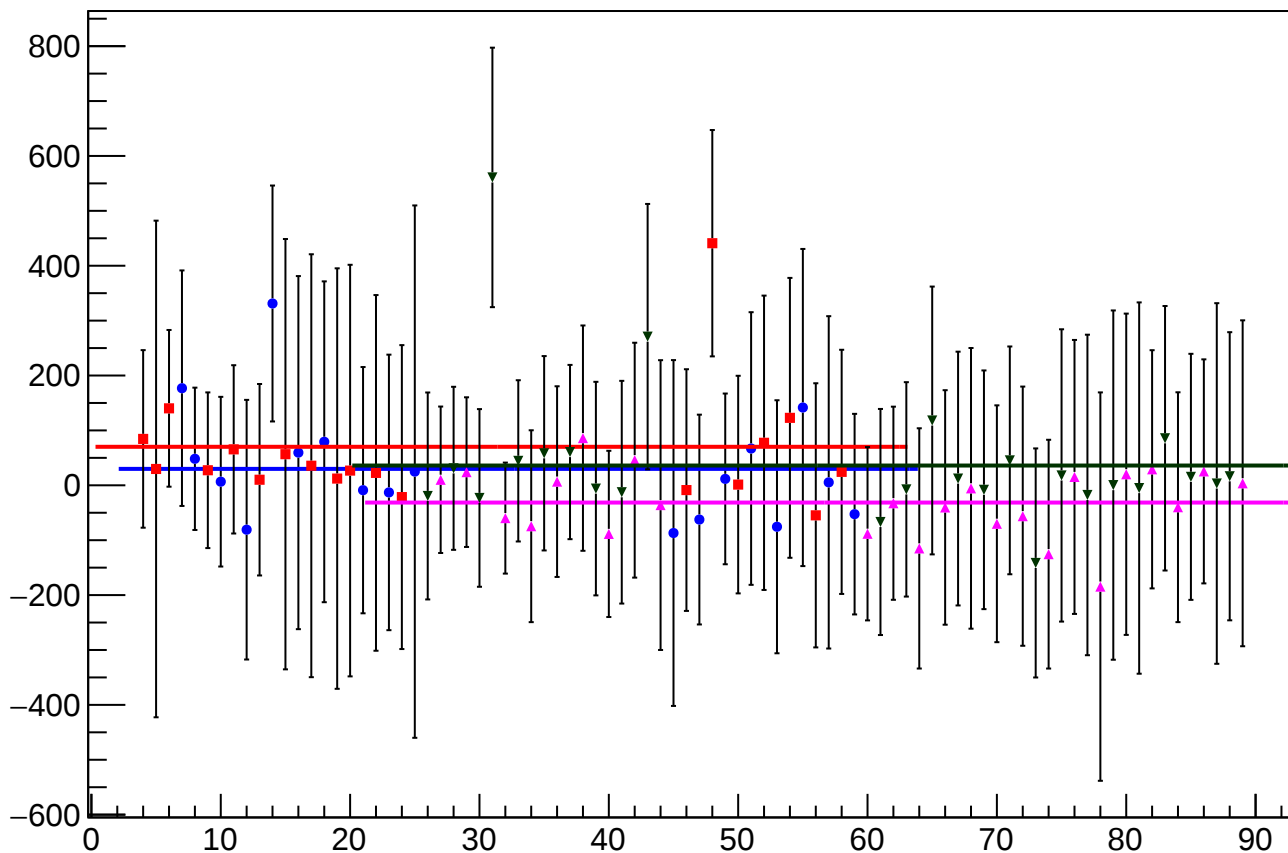
158.063 $\pm$ 0.024 χ^2 /NDF: 1860333.2/42

Right Out: 156.997 $\pm$ 0.037 χ^2 /NDF: 1276447.5/18

146.143 $\pm$ 0.022 χ^2 /NDF: 2472016.3/42

Left In: 139.902 $\pm$ 0.028 χ^2 /NDF: 1058008.4/23

asym_bcm_dg_ds_mean vs slug



Right In: 29.919 ± 50.591 χ^2/NDF : 3.8/17

Left Out: 36.023 ± 41.761 χ^2/NDF : 7.6/24

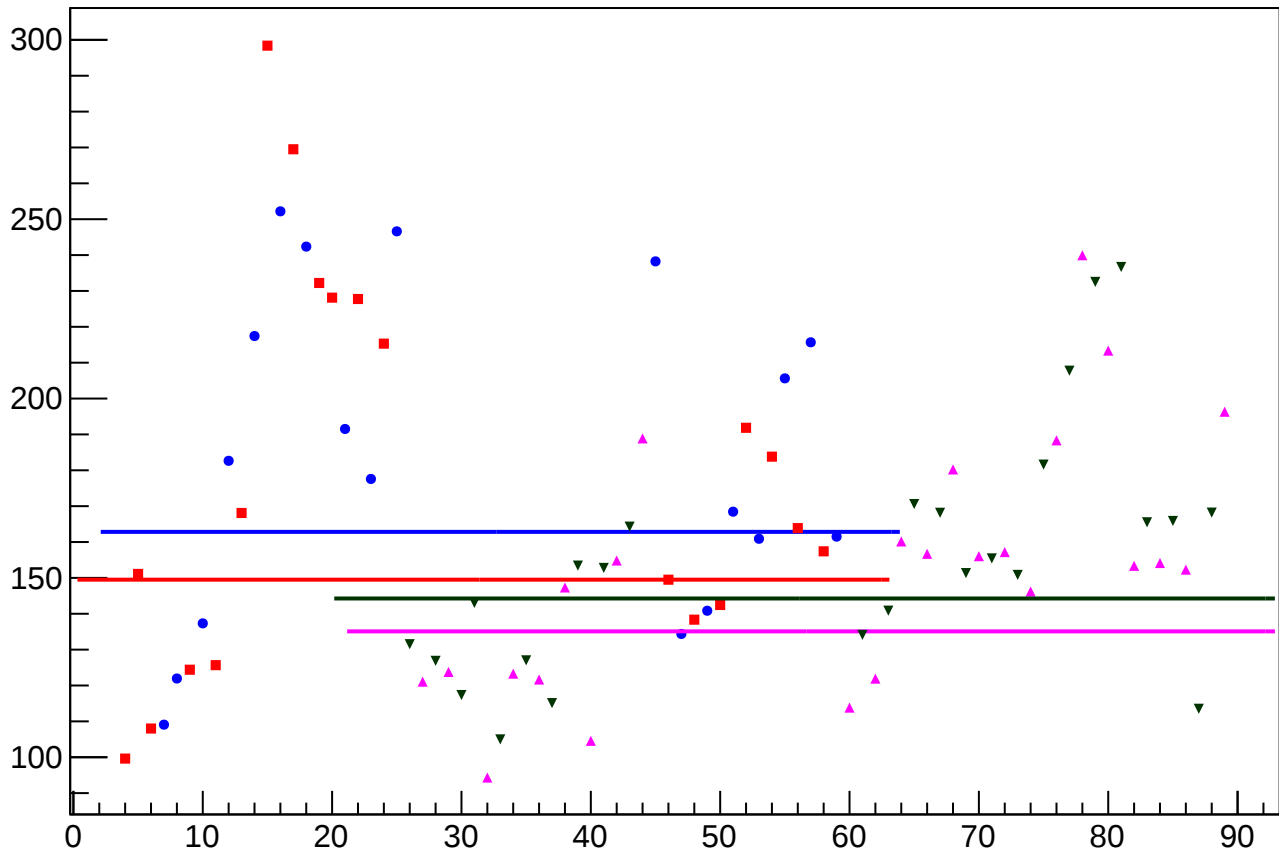
Right Out: 70.155 ± 49.782 χ^2/NDF : 4.5/18

Left In: -31.436 ± 38.196 χ^2/NDF : 2.0/23

33.549 ± 32.206 χ^2/NDF : 11.3/42

6.209 ± 30.304 χ^2/NDF : 9.1/42

asym_bcm_dg_ds_rms vs slug



Right In: 162.833 $\pm$ 0.036 χ^2 /NDF: 1229021.5/17

Left Out: 144.260 $\pm$ 0.030 χ^2 /NDF: 908843.5/24

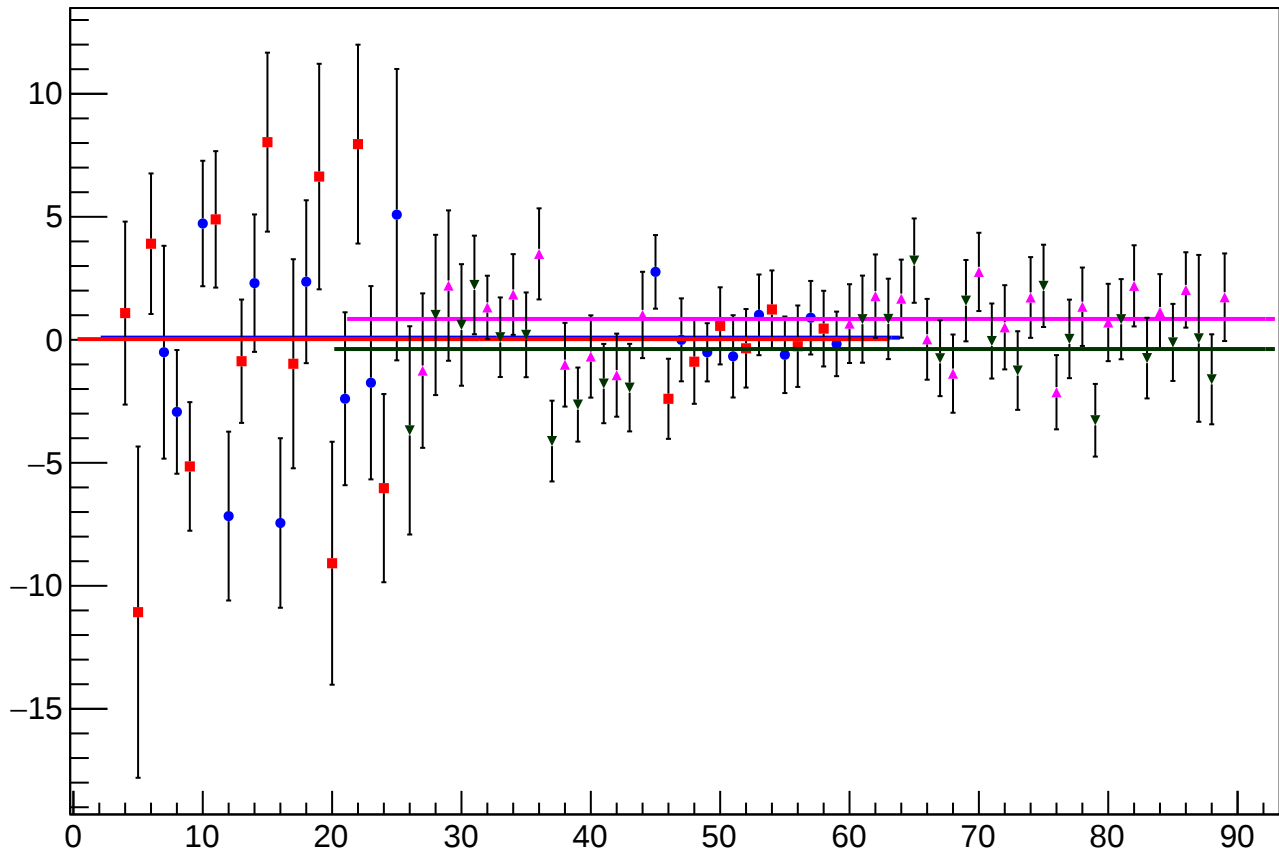
151.787 $\pm$ 0.023 χ^2 /NDF: 2298190.1/42

Right Out: 149.507 $\pm$ 0.035 χ^2 /NDF: 1490705.1/18

140.433 $\pm$ 0.021 χ^2 /NDF: 2905263.5/42

Left In: 135.091 $\pm$ 0.027 χ^2 /NDF: 1308998.5/23

asym_cav4bQ_mean vs slug



Right In: 0.089 ± 0.466 χ^2/NDF : 21.1/17

Left Out: -0.376 ± 0.349 χ^2/NDF : 26.4/24

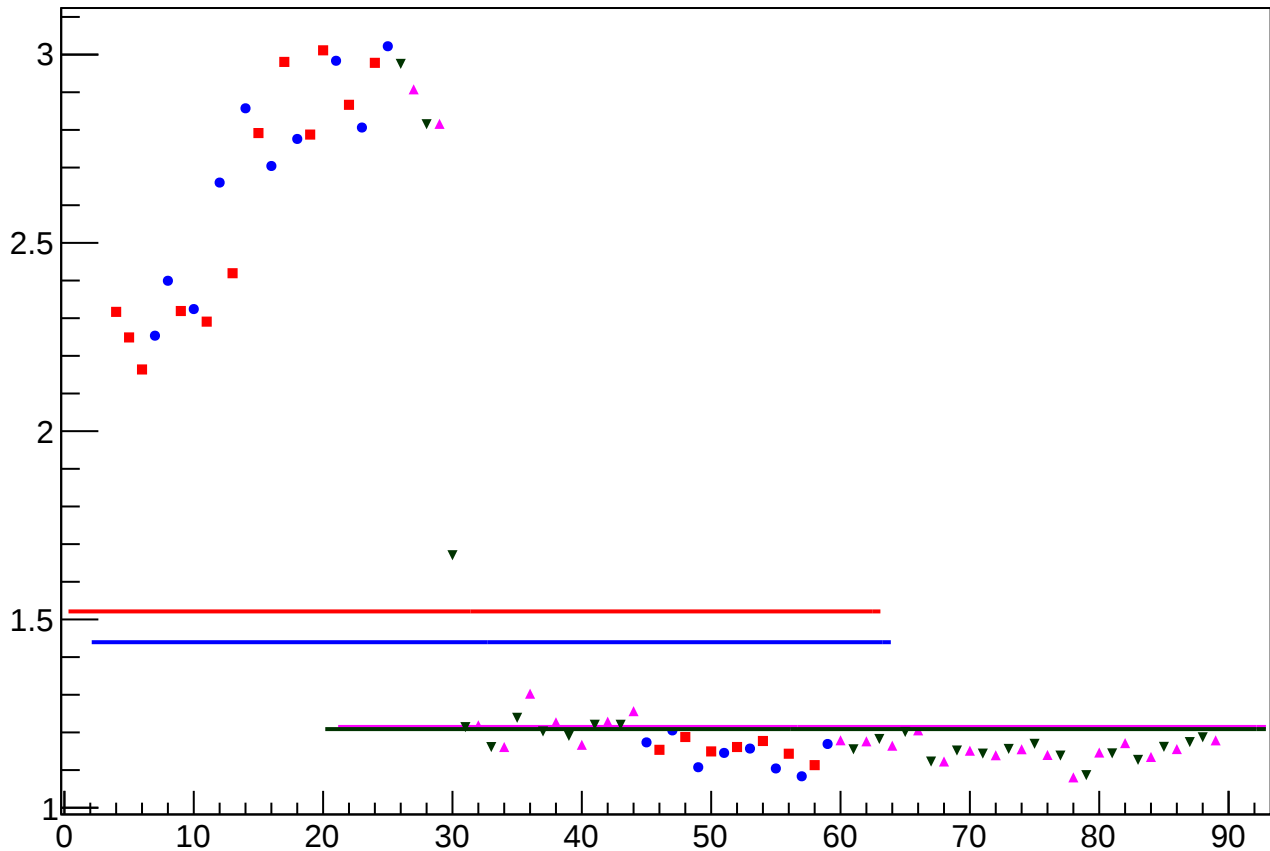
Right Out: 0.028 ± 0.520 χ^2/NDF : 31.9/18

Left In: 0.848 ± 0.340 χ^2/NDF : 17.2/23

-0.208 ± 0.279 χ^2/NDF : 48.1/42

0.602 ± 0.285 χ^2/NDF : 50.8/42

asym_cav4bQ_rms vs slug



Right In: 1.440+/-0.000 χ^2/NDF : 3409388.4/17

Left Out: 1.209+/-0.000 χ^2/NDF :953344.8/24

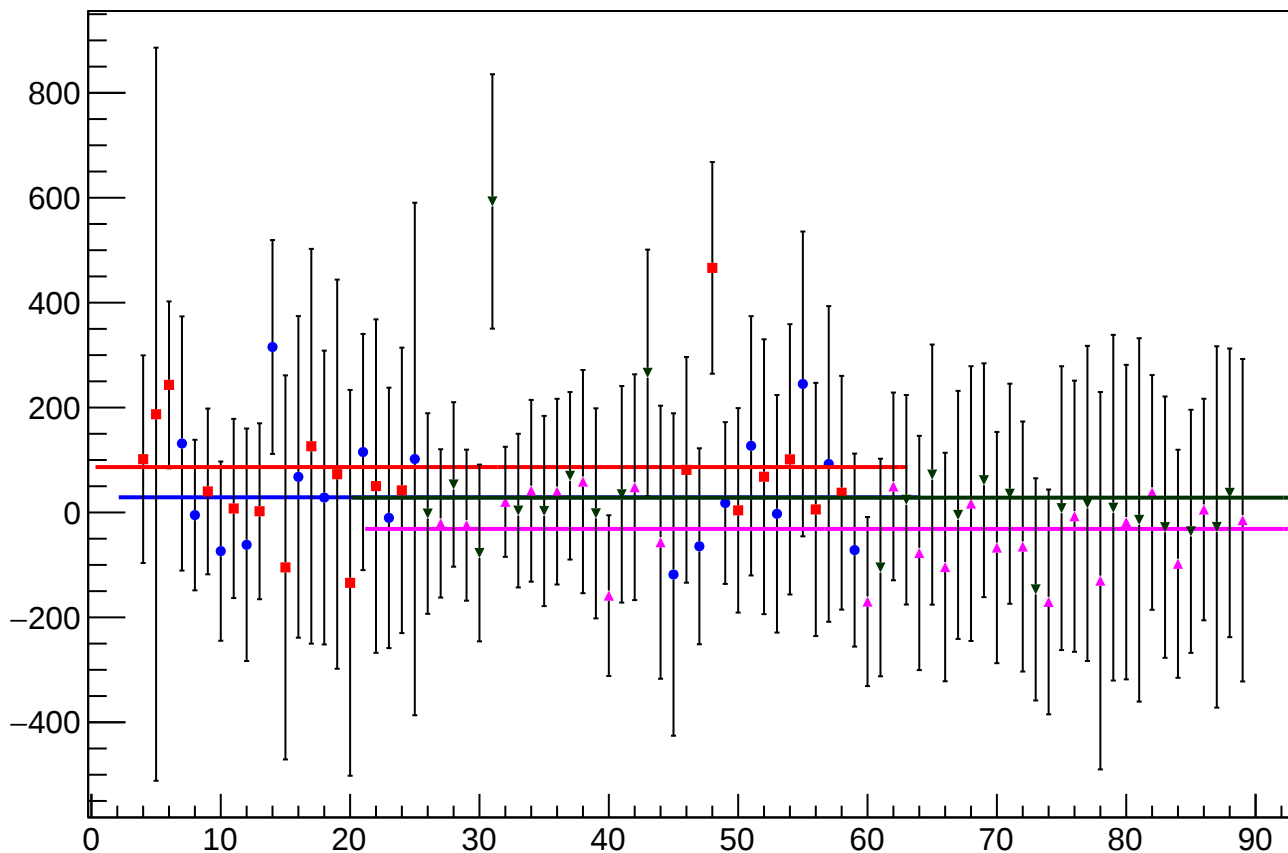
1.292+/-0.000 χ^2/NDF : 4676964.3/42

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

1.307+/-0.000 χ^2/NDF : 4552265.6/42

Left In: 1.215+/-0.000 χ^2/NDF :1193907.2/23

asym_cav4cQ_mean vs slug



Right In: 28.930 $\pm$ 51.478 χ^2 /NDF: 4.5/17

Left Out: 28.239 $\pm$ 42.668 χ^2 /NDF:8.4/24

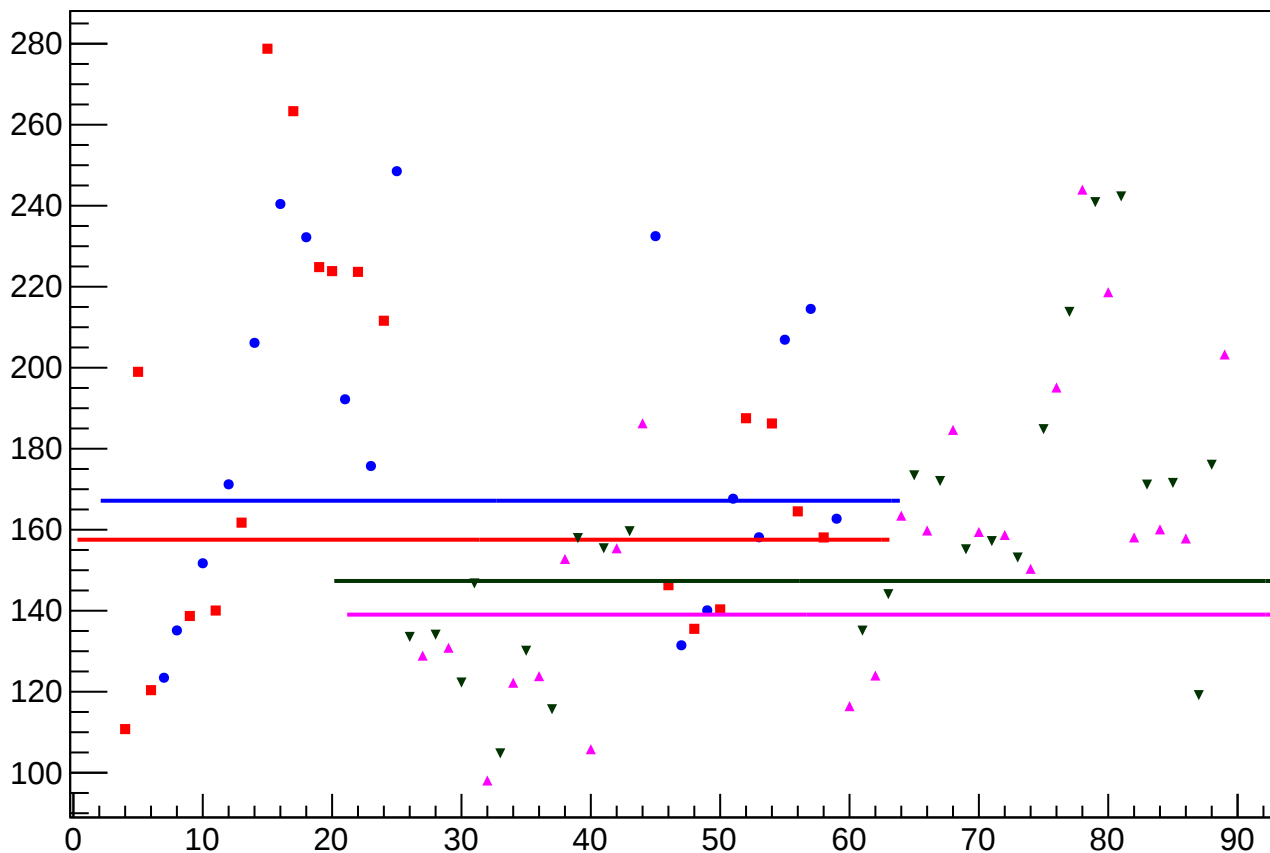
Right Out: 86.558 $\pm$ 52.059 χ^2 /NDF: 6.1/18

Left In: -31.373 $\pm$ 39.261 χ^2 /NDF:3.5/23

28.521 $\pm$ 32.851 χ^2 /NDF: 12.9/42

11.384 $\pm$ 31.346 χ^2 /NDF: 12.9/42

asym_cav4cQ_rms vs slug



Right In: 167.159 ± 0.036 $\chi^2/\text{NDF}: 875808.6/17$

Left Out: 147.347 ± 0.030 $\chi^2/\text{NDF}: 931486.9/24$

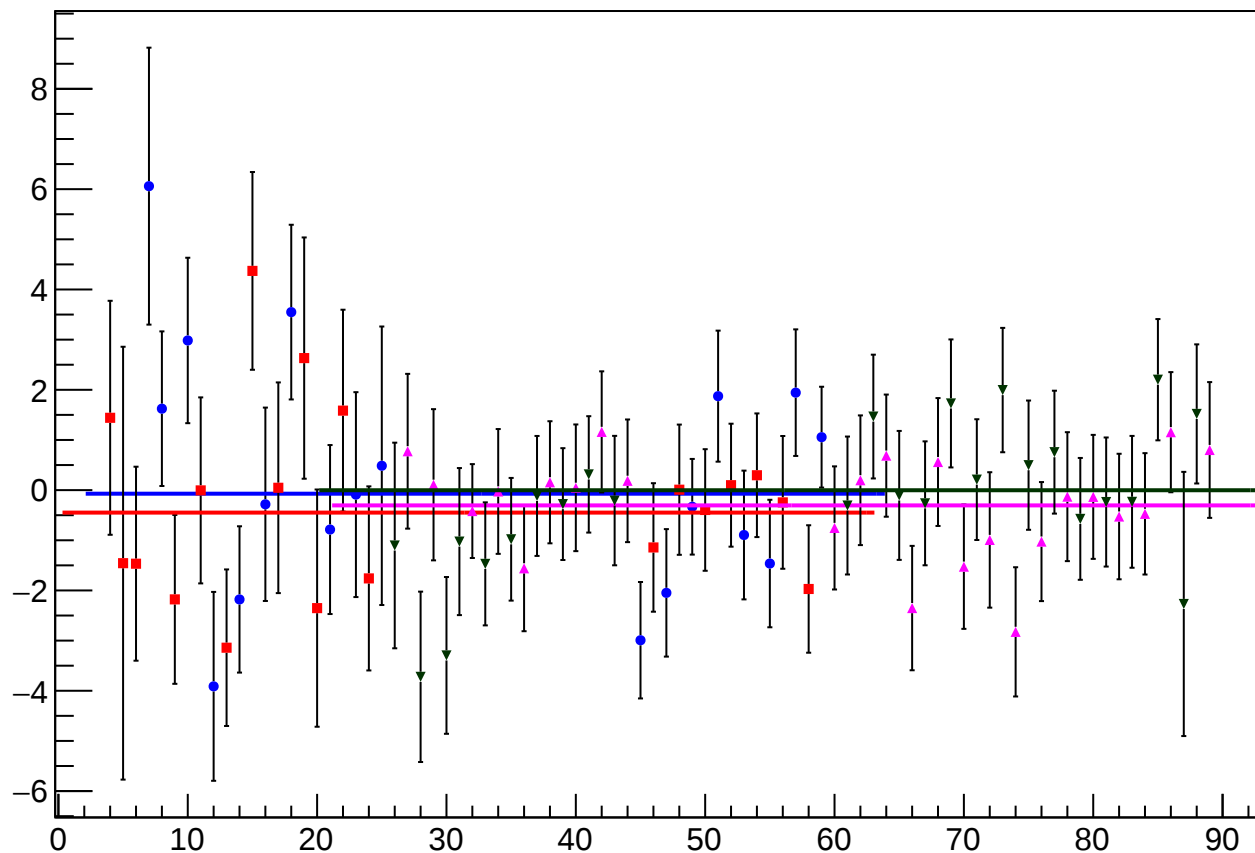
Right Out: 157.534 ± 0.037 $\chi^2/\text{NDF}: 1049684.2/18$

Left In: 139.038 ± 0.028 $\chi^2/\text{NDF}: 1269322.2/23$

155.415 ± 0.023 $\chi^2/\text{NDF}: 1982895.1/42$

145.744 ± 0.022 $\chi^2/\text{NDF}: 2479934.0/42$

asym_cav4dQ_mean vs slug



Right In: -0.071 ± 0.335 χ^2/NDF : 36.8/17

Left Out: -0.002 ± 0.262 χ^2/NDF : 24.3/24

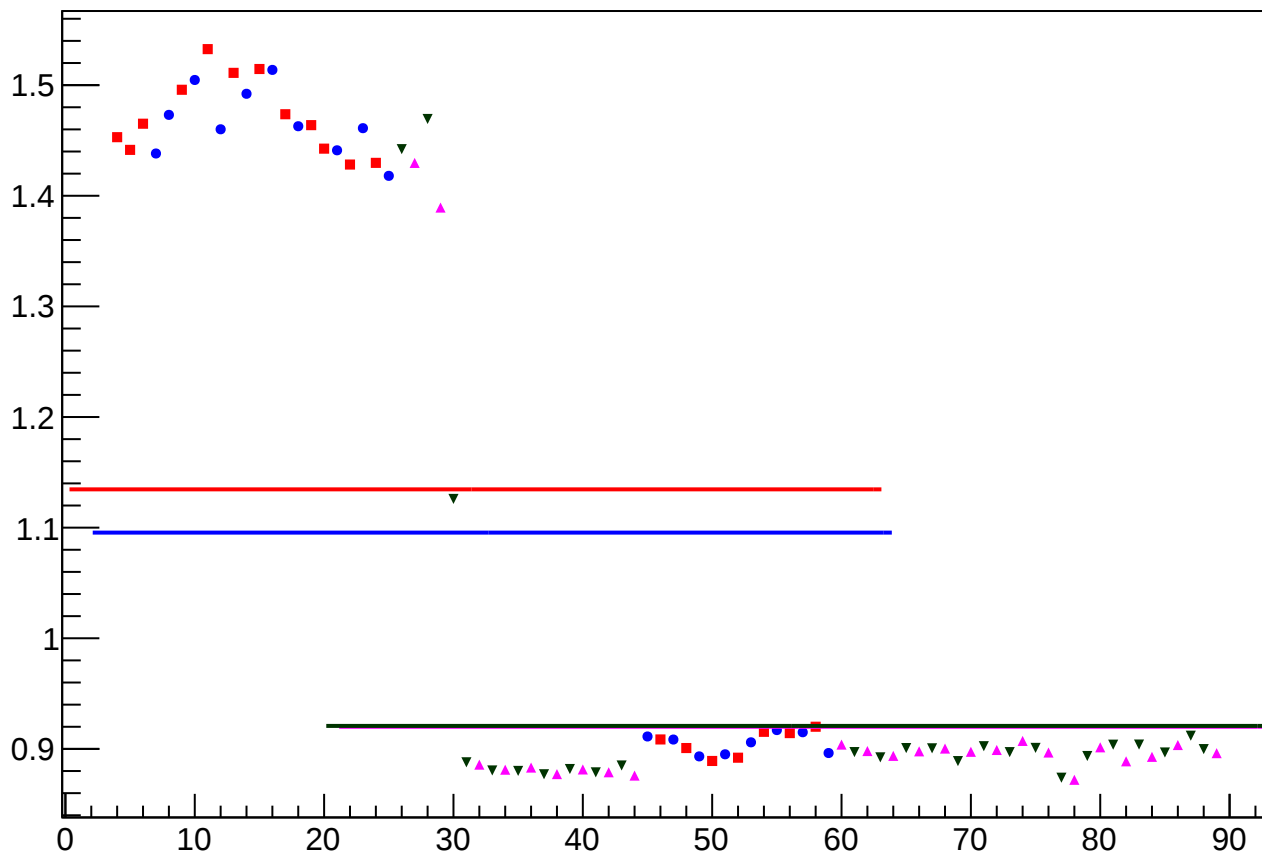
Right Out: -0.448 ± 0.369 χ^2/NDF : 17.4/18

Left In: -0.304 ± 0.254 χ^2/NDF : 15.3/23

-0.028 ± 0.207 χ^2/NDF : 61.2/42

-0.351 ± 0.209 χ^2/NDF : 32.8/42

asym_cav4dQ_rms vs slug



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

Left Out: 0.921+/-0.000 χ^2/NDF : 398666.3/24

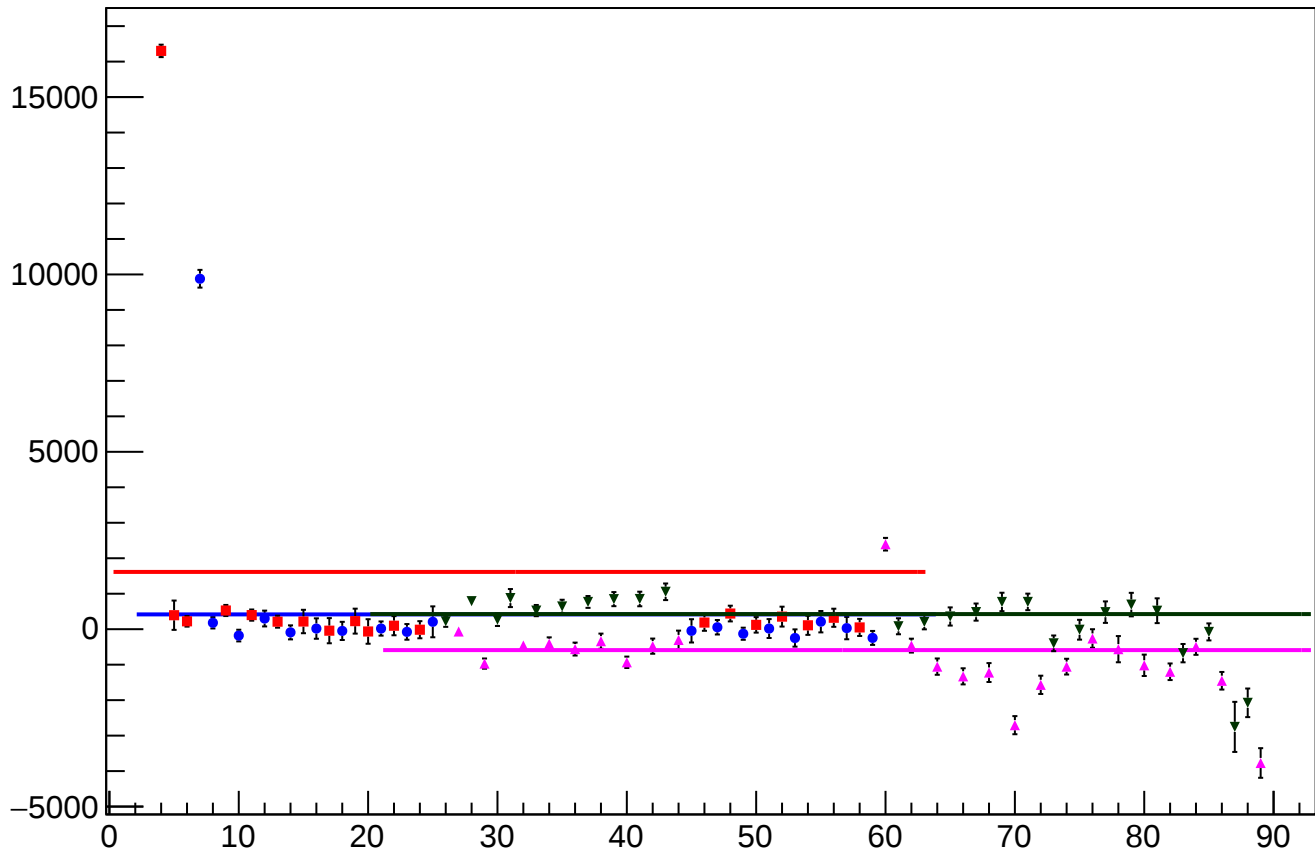
Right Out: 1.135+/-0.000 χ^2/NDF : 1161881.6/18

Left In: 0.920+/-0.000 χ^2/NDF : 439373.2/23

0.987+/-0.000 χ^2/NDF : 2024025.2/42

0.989+/-0.000 χ^2/NDF : 2059895.3/42

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF : 1507.9/17

Left Out: 425.998+/-43.916 χ^2/NDF :140.0/24

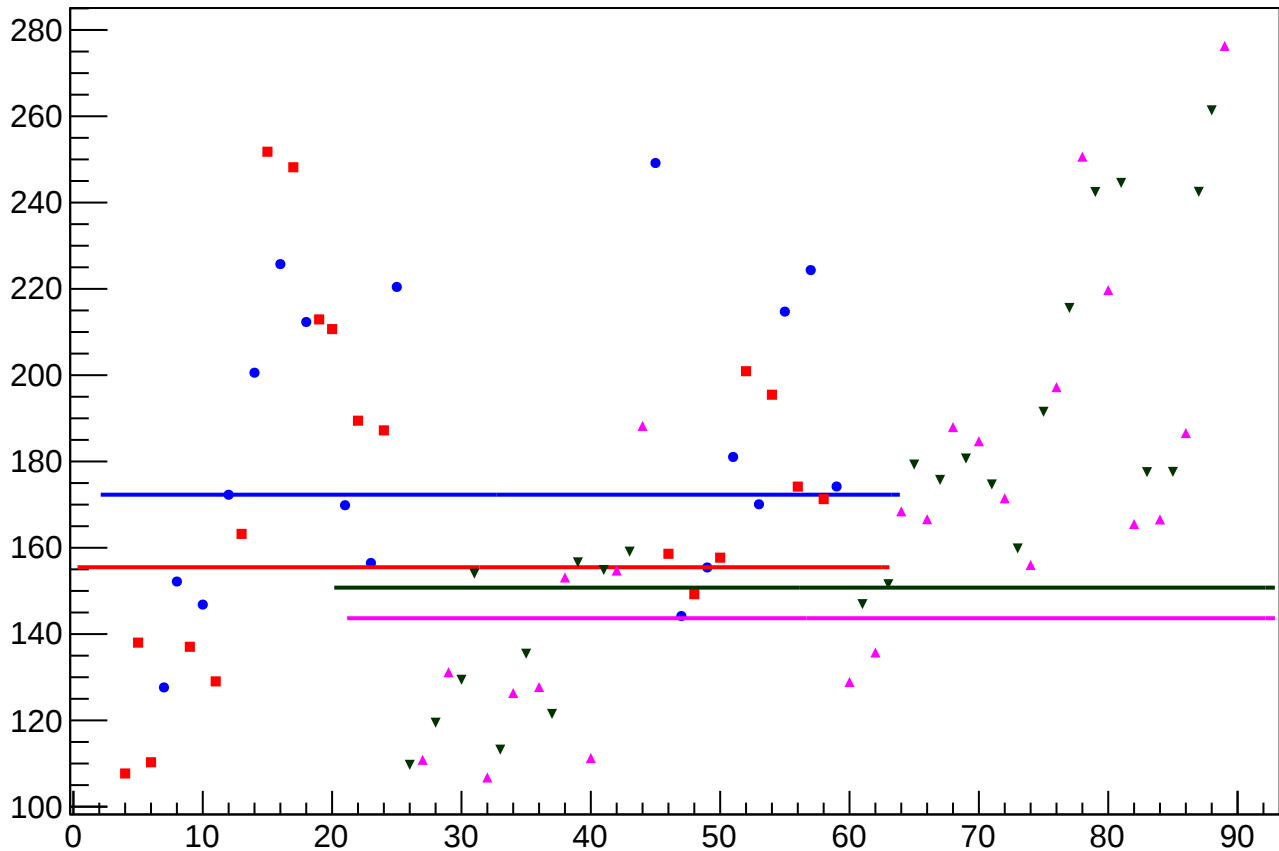
422.381+/-33.720 χ^2/NDF : 1648.0/42

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

263.852+/-31.819 χ^2/NDF : 9309.1/42

Left In: -589.416+/-40.646 χ^2/NDF :505.5/23

asym_bcm0l02_rms vs slug



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

Left Out: 150.764+/-0.031 χ^2/NDF :1215680.0/24

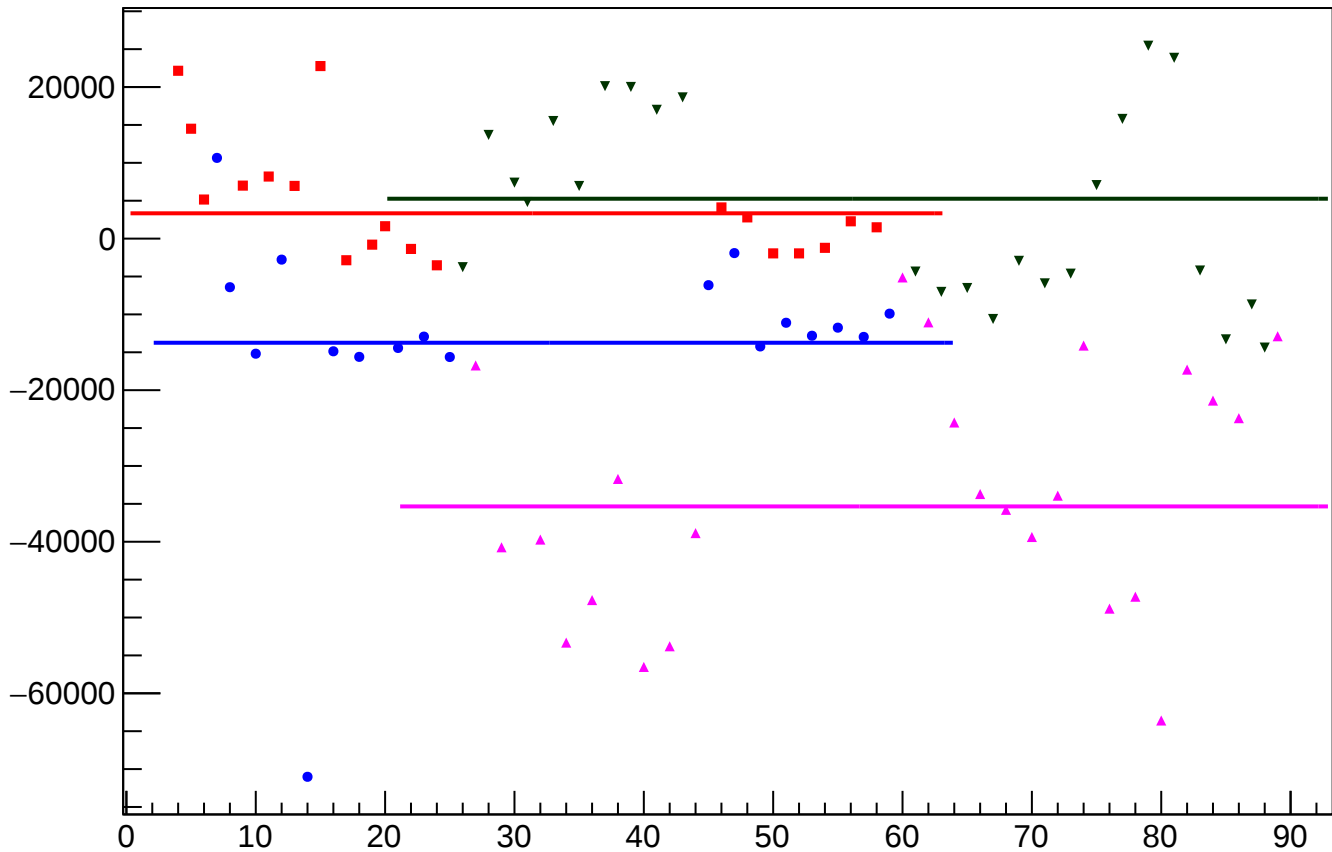
159.604+/-0.024 χ^2/NDF : 2013949.9/42

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

148.253+/-0.022 χ^2/NDF : 2513384.8/42

Left In: 143.678+/-0.029 χ^2/NDF :1429206.4/23

asym_bpm2i01WS_mean vs slug



Right In: -13741.376+/-32.053 χ^2/NDF : 222194.3/17

Left Out: 5263.529+/-27.282 χ^2/NDF : 205572.8/24

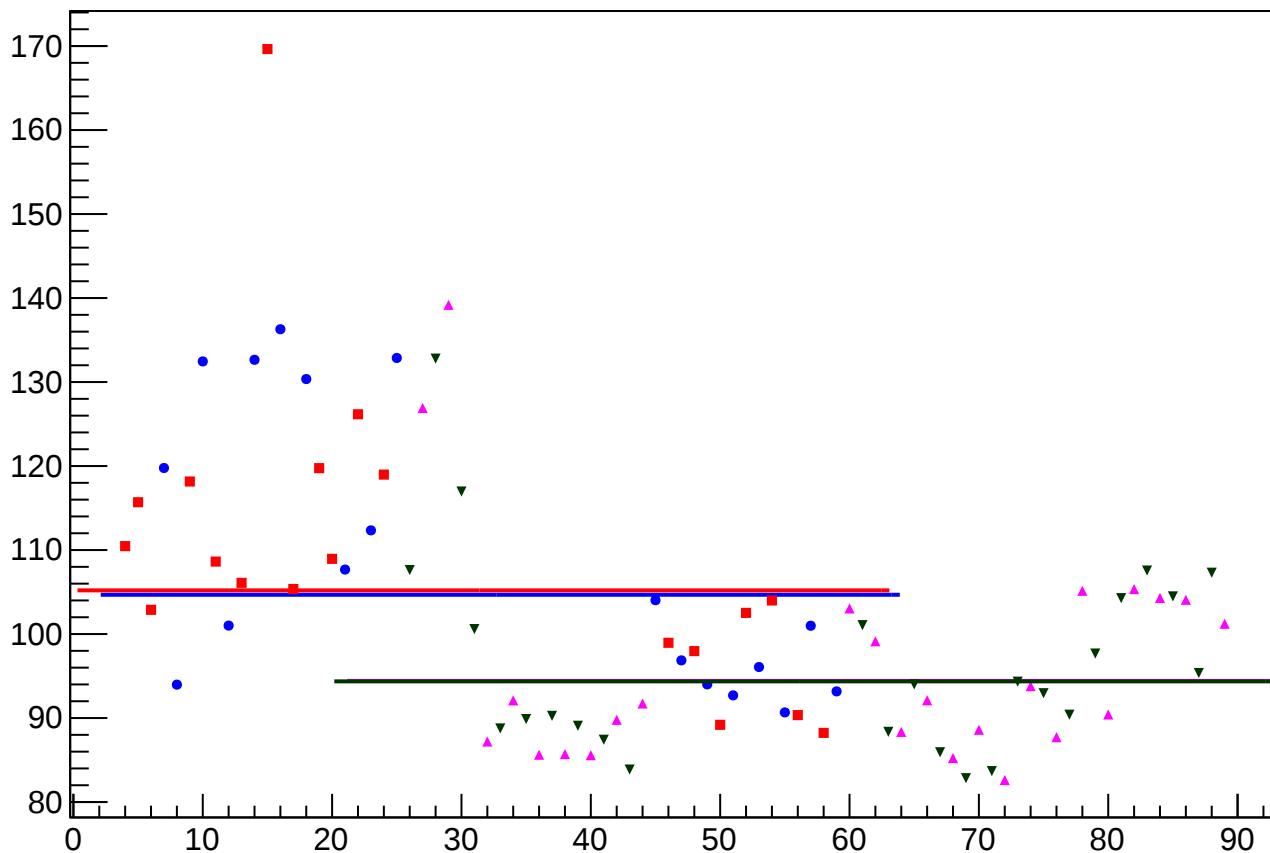
Right Out: 3338.926+/-34.258 χ^2/NDF : 31361.1/18

Left In: -35339.116+/-26.465 χ^2/NDF : 330351.4/23

-2720.590+/-20.775 χ^2/NDF : 631634.4/42

-20883.159+/-20.943 χ^2/NDF : 1160008.2/42

asym_bpm2i01WS_rms vs slug



Right In: 104.677+/-0.023 χ^2/NDF : 431749.6/17

Left Out: 94.366+/-0.019 χ^2/NDF :304892.3/24

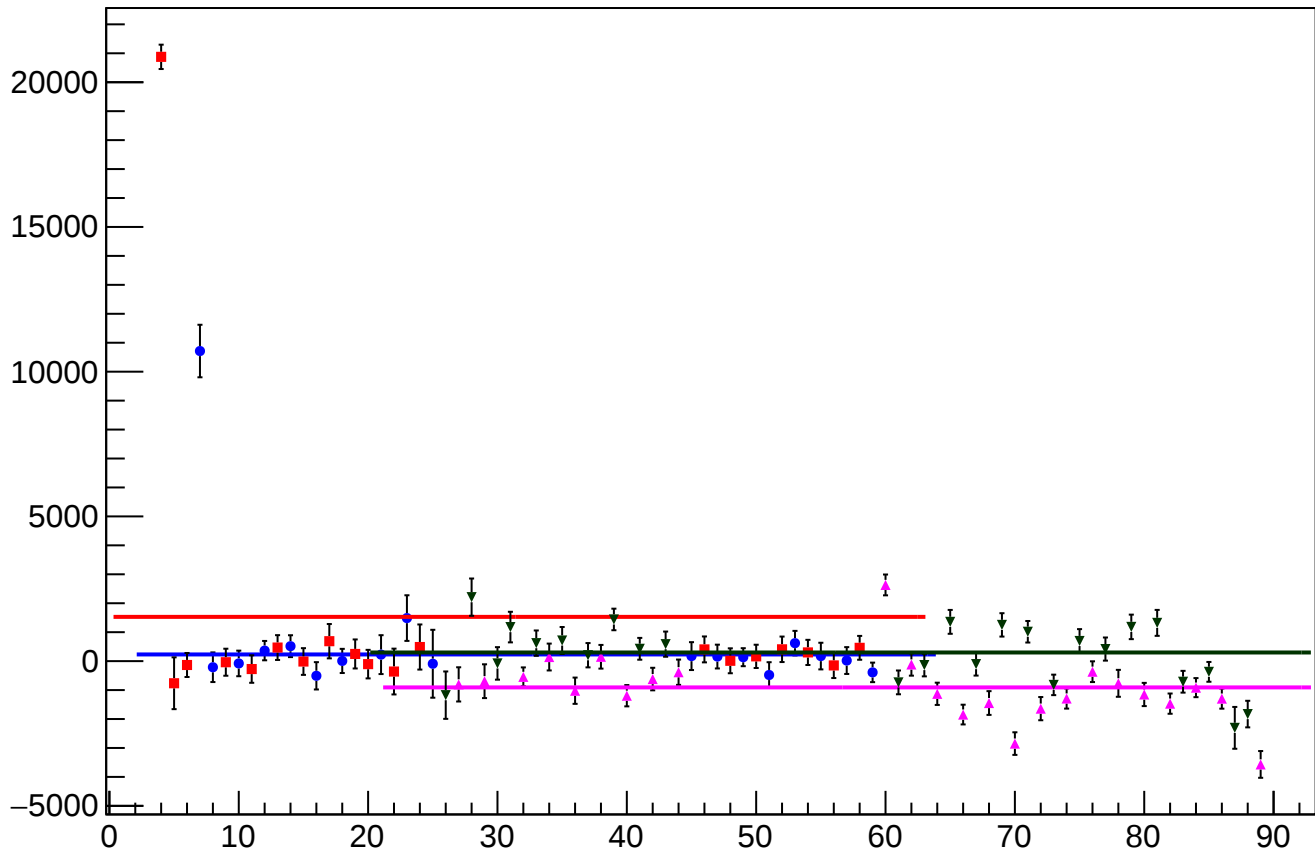
Right Out: 105.200+/-0.024 χ^2/NDF : 336723.5/18

Left In: 94.423+/-0.019 χ^2/NDF :415570.8/23

98.698+/-0.015 χ^2/NDF : 856654.9/42

98.451+/-0.015 χ^2/NDF : 876255.5/42

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF : 148.0/17

Left Out: 298.707+/-85.492 χ^2/NDF : 117.2/24

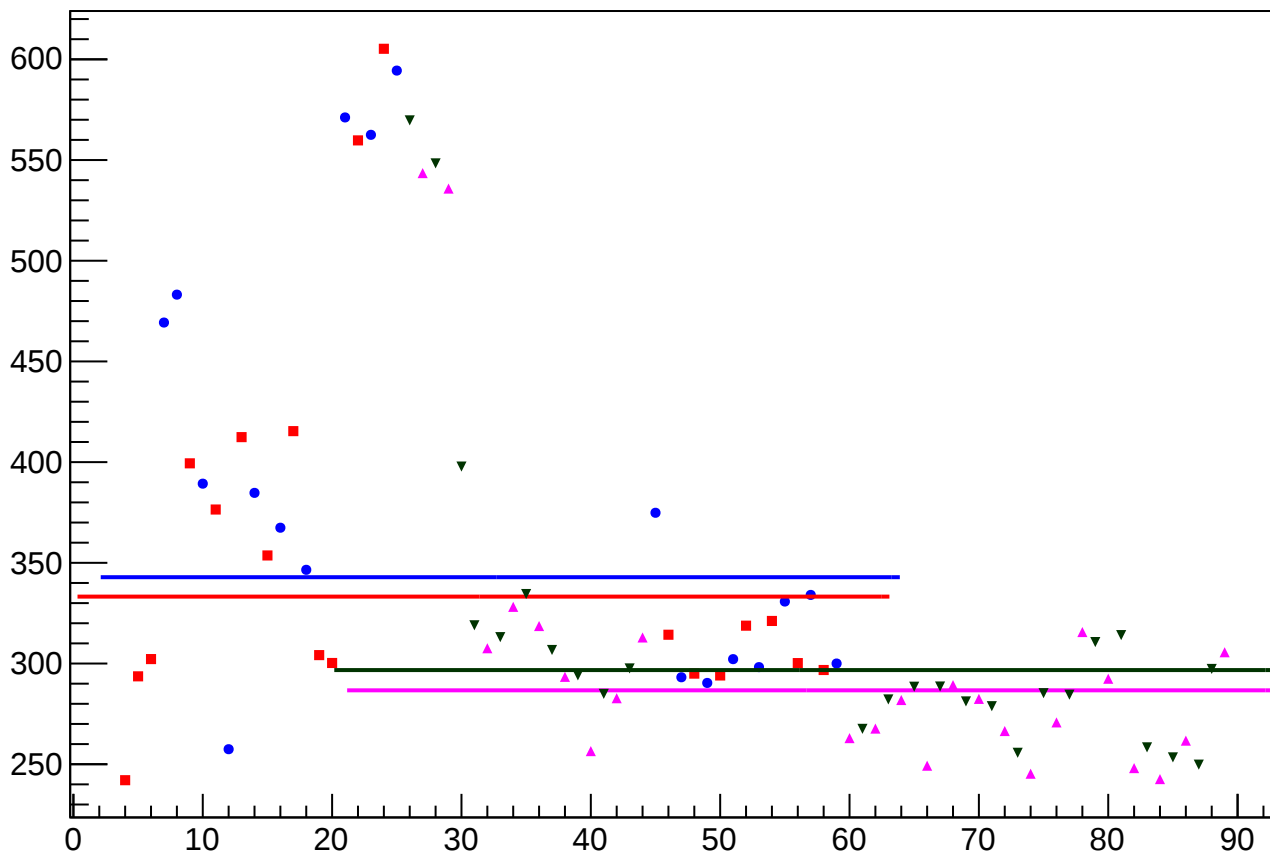
271.774+/-66.355 χ^2/NDF : 265.4/42

Right Out: 1529.045+/-108.949 χ^2/NDF : 2274.0/18

-51.880+/-64.572 χ^2/NDF : 2794.1/42

Left In: -907.918+/-80.170 χ^2/NDF : 195.5/23

asym_bpm0i07WS_rms vs slug



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

Left Out: 296.748 $\pm$ 0.060 χ^2 /NDF: 734214.7/24

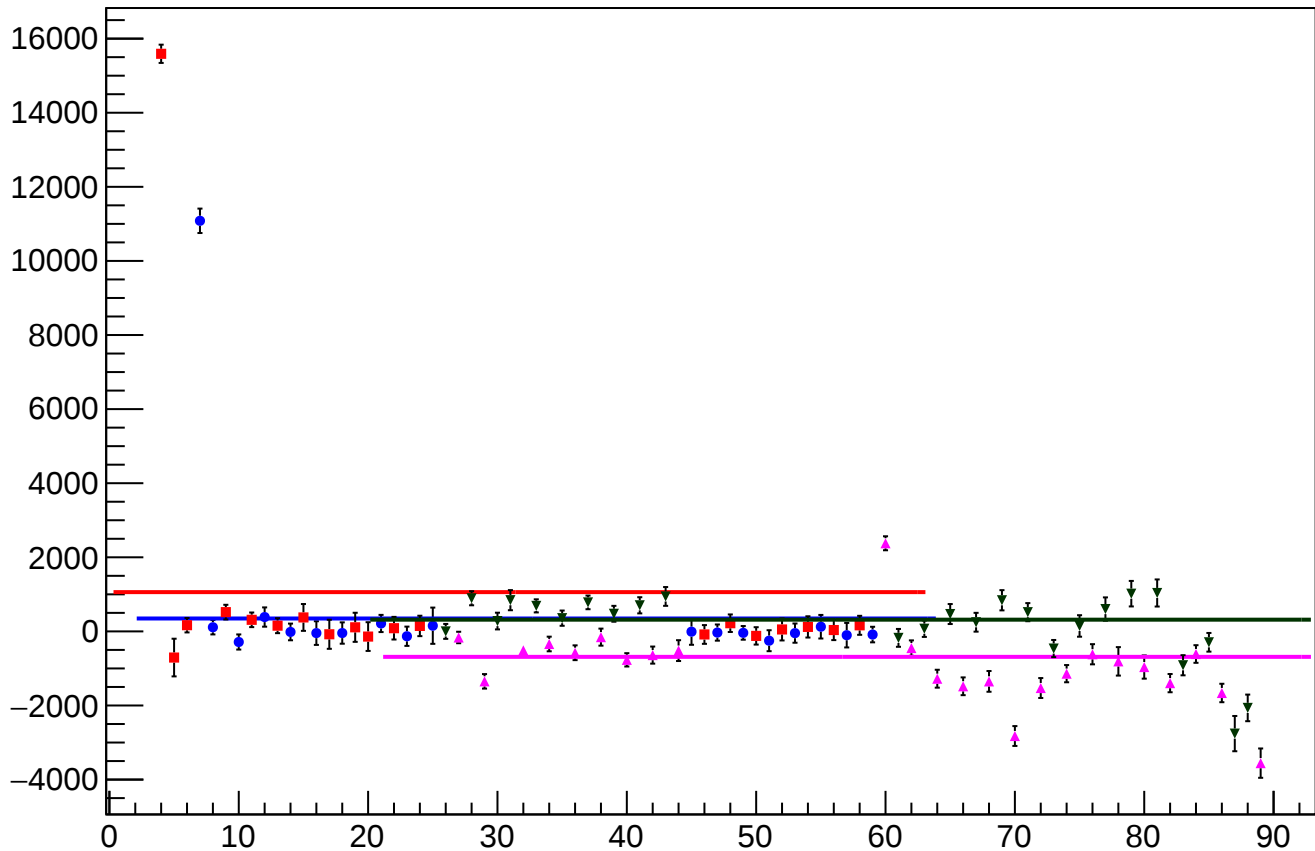
Right Out: 333.230 $\pm$ 0.077 χ^2 /NDF: 768934.3/18

Left In: 286.694 $\pm$ 0.057 χ^2 /NDF: 954767.9/23

315.084 $\pm$ 0.047 χ^2 /NDF: 1984215.7/42

303.041 $\pm$ 0.046 χ^2 /NDF: 1960423.7/42

asym_bpm0l01WS_mean vs slug



Right In: 348.196 ± 59.644 $\chi^2/\text{NDF}: 1103.2/17$

Left Out: 316.374 ± 48.557 $\chi^2/\text{NDF}: 179.0/24$

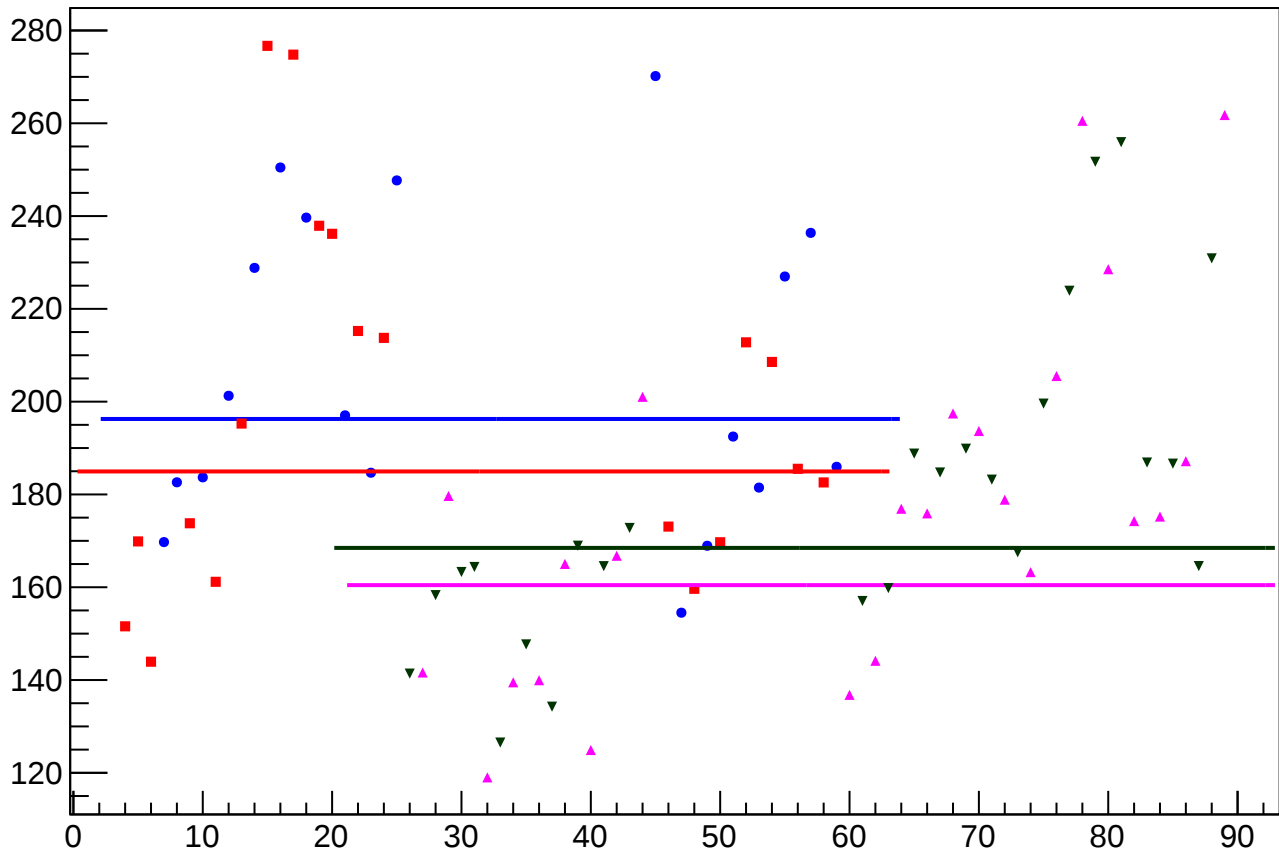
329.058 ± 37.656 $\chi^2/\text{NDF}: 1282.4/42$

Right Out: 1059.962 ± 60.034 $\chi^2/\text{NDF}: 3708.7/18$

-59.000 ± 35.999 $\chi^2/\text{NDF}: 4727.2/42$

Left In: -687.208 ± 44.983 $\chi^2/\text{NDF}: 476.0/23$

asym_bpm0l01WS_rms vs slug



Right In: 196.269 ± 0.042 $\chi^2/\text{NDF}: 466122.9/17$

Left Out: 168.479 ± 0.034 $\chi^2/\text{NDF}: 689794.2/24$

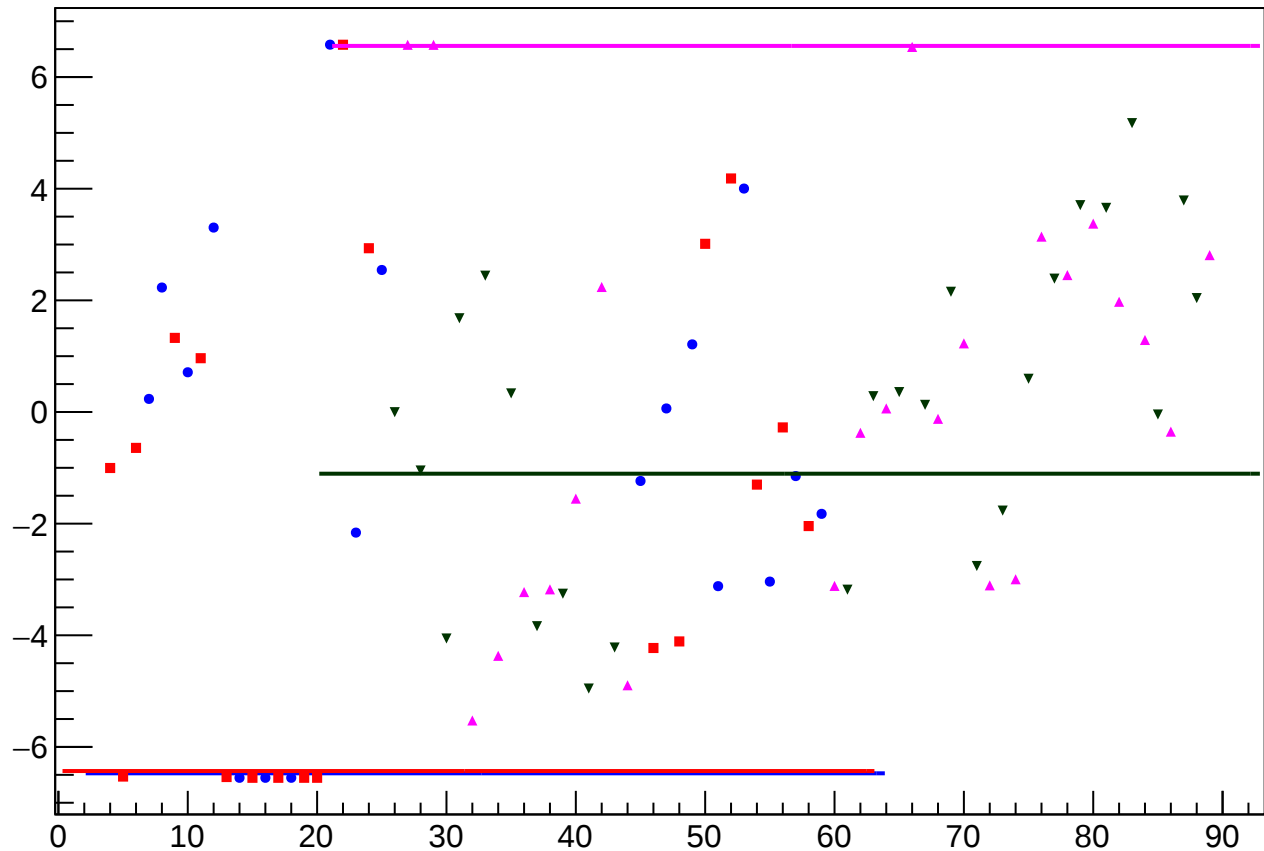
Right Out: 184.956 ± 0.042 $\chi^2/\text{NDF}: 580645.4/18$

Left In: 160.455 ± 0.032 $\chi^2/\text{NDF}: 1018514.2/23$

179.556 ± 0.027 $\chi^2/\text{NDF}: 1417029.4/42$

169.264 ± 0.025 $\chi^2/\text{NDF}: 1812512.8/42$

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847949322838.5/17

Left Out: -1.105+/-0.000 χ^2/NDF : 66920423.7/24

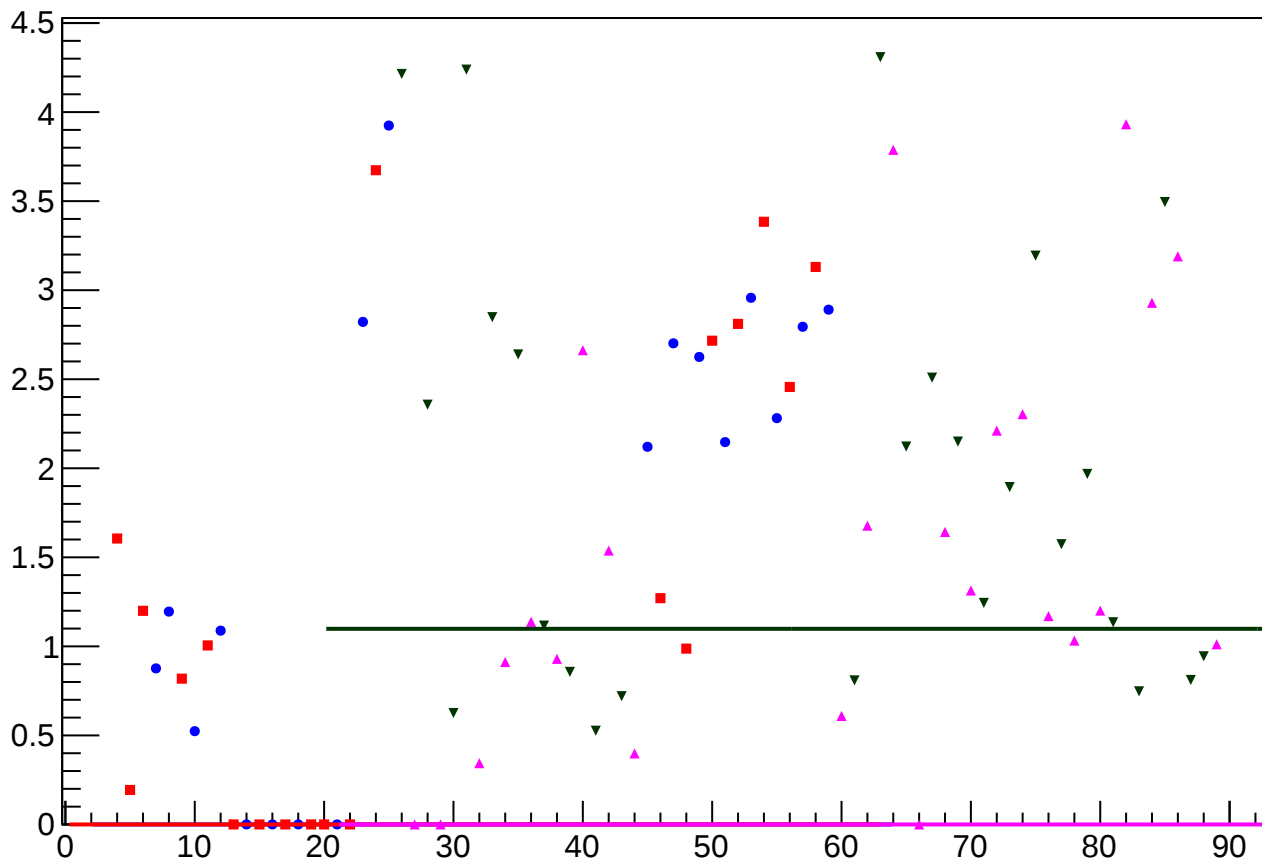
Right Out: -6.432+/-0.000 χ^2/NDF : 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF : 1594288344.3/23

-6.473+/-0.000 χ^2/NDF : 127848169181059.1/4

-6.196+/-0.000 χ^2/NDF : 446402781133453.4/4

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11913804.6/17

Left Out: 1.099+/-0.000 χ^2/NDF :5430999.3/24

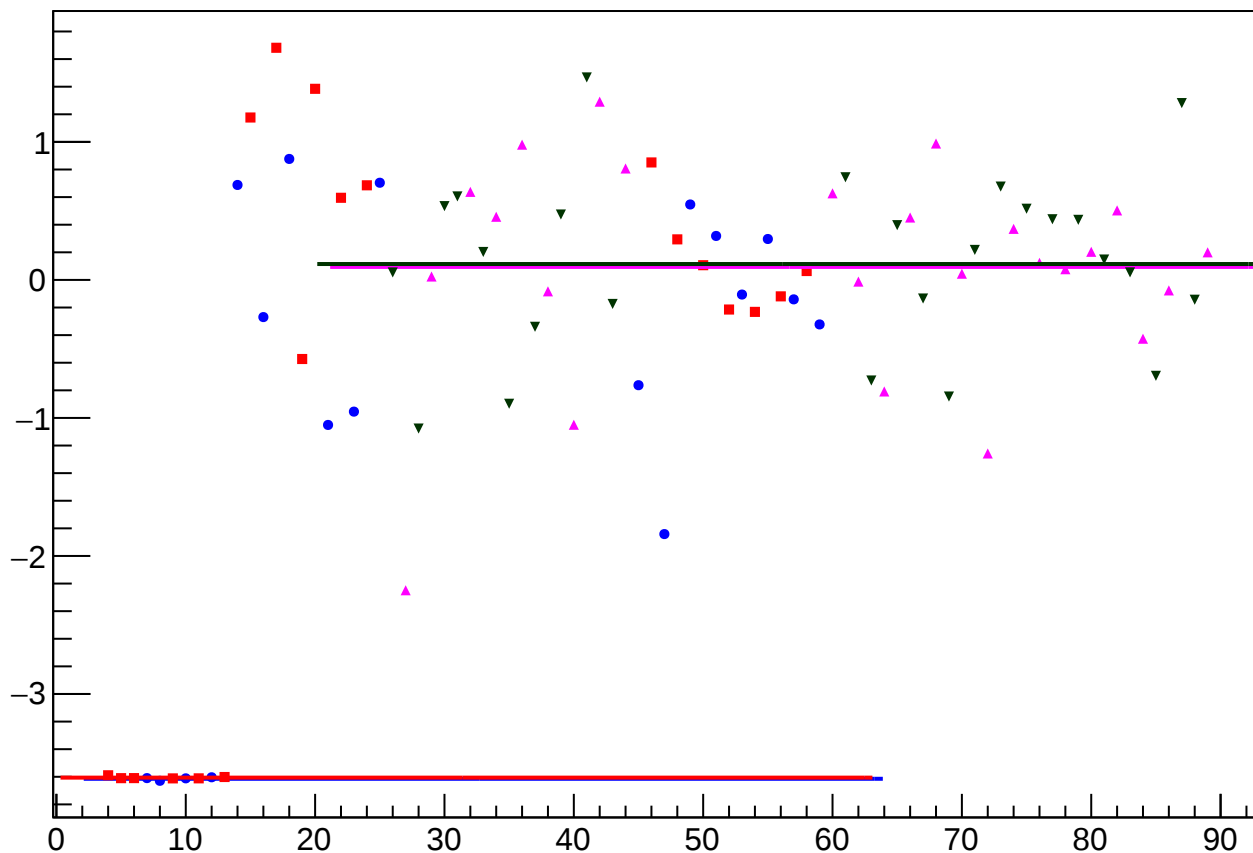
Right Out: 0.000+/-0.000 χ^2/NDF : 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF :15740520.8/23

0.000+/-0.000 χ^2/NDF : 30155027.9/42

0.000+/-0.000 χ^2/NDF : 25367189.1/42

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49086055221.8/17

Left Out: 0.115+/-0.000 χ^2/NDF :11120631.0/24

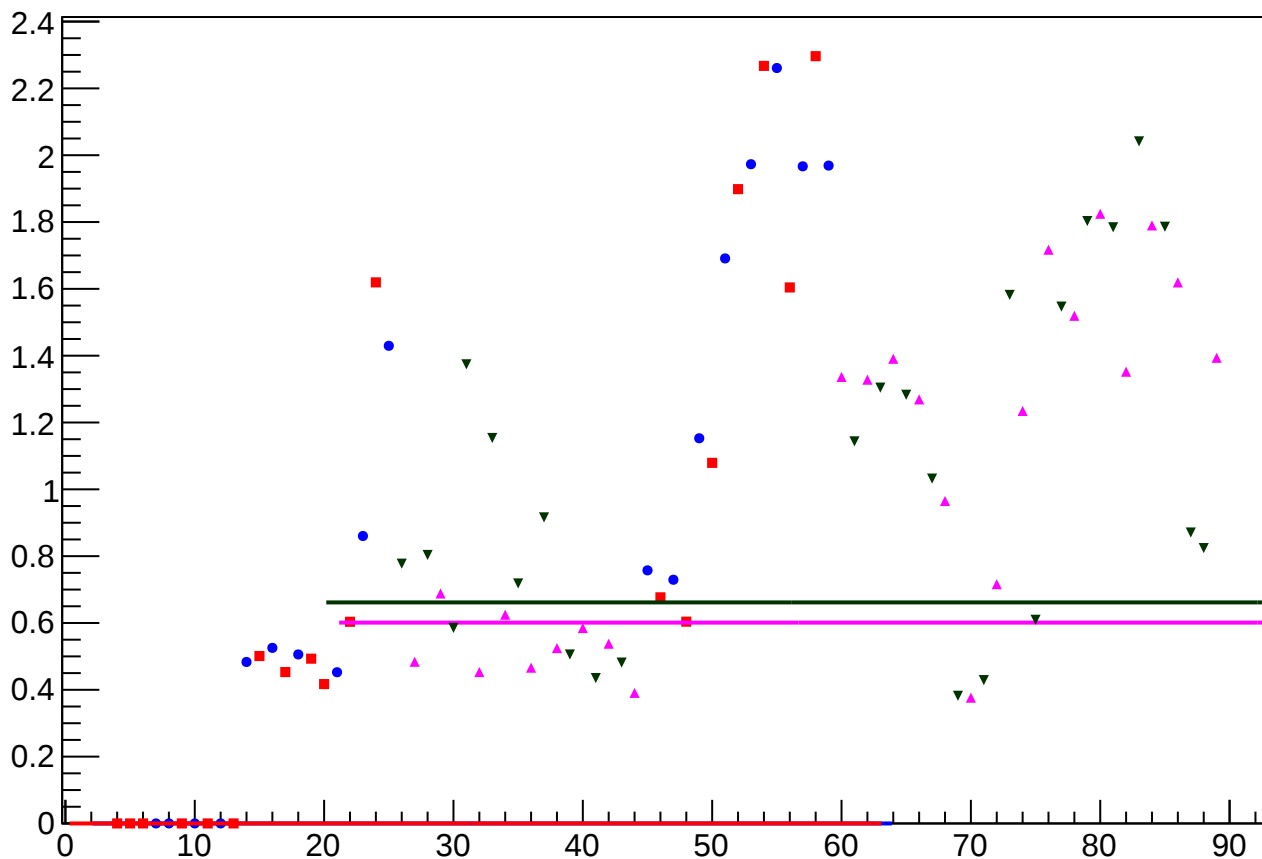
Right Out: -3.606+/-0.000 χ^2/NDF : 37792758949.6/18

Left In: 0.094+/-0.000 χ^2/NDF :21961952.4/23

-3.614+/-0.000 χ^2/NDF : 49352797740.5/42

-3.606+/-0.000 χ^2/NDF : 38131462617.6/42

yield_cav4bY_rms vs slug



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

Left Out: 0.662+/-0.000 χ^2/NDF : 4504982.3/24

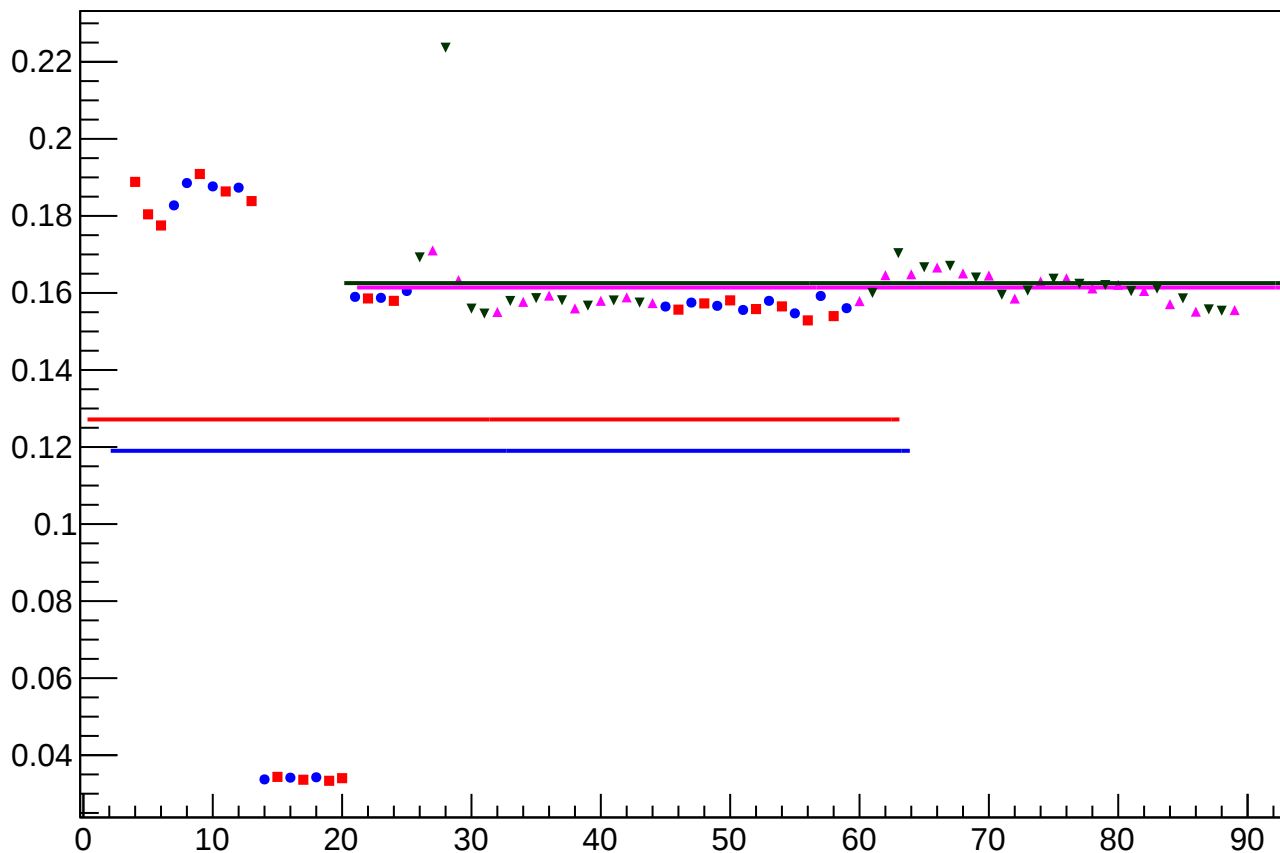
Right Out: 0.000+/-0.000 χ^2/NDF : 10531530.4/18

Left In: 0.601+/-0.000 χ^2/NDF : 5117449.1/23

0.000+/-0.000 χ^2/NDF : 34366920.8/42

0.000+/-0.000 χ^2/NDF : 32363865.8/42

yield_cav4cX_mean vs slug



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

Left Out: 0.163+/-0.000 χ^2/NDF :103993444.8/24

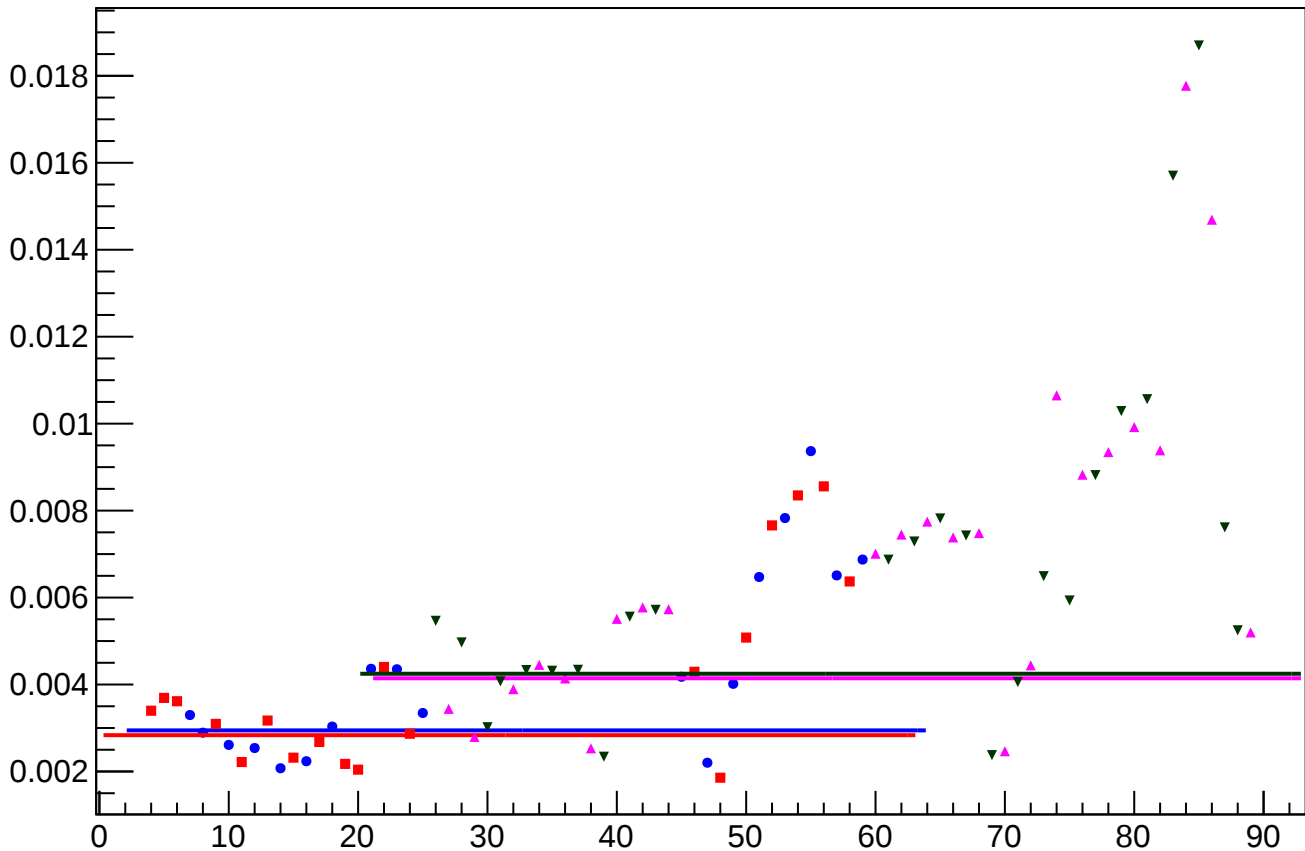
Right Out: 0.127+/-0.000 χ^2/NDF : 4426693928.8/18

Left In: 0.161+/-0.000 χ^2/NDF :14162281.0/23

0.134+/-0.000 χ^2/NDF : 5749268088.7/42

0.140+/-0.000 χ^2/NDF : 4872935052.1/42

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 : 4638781.3/24

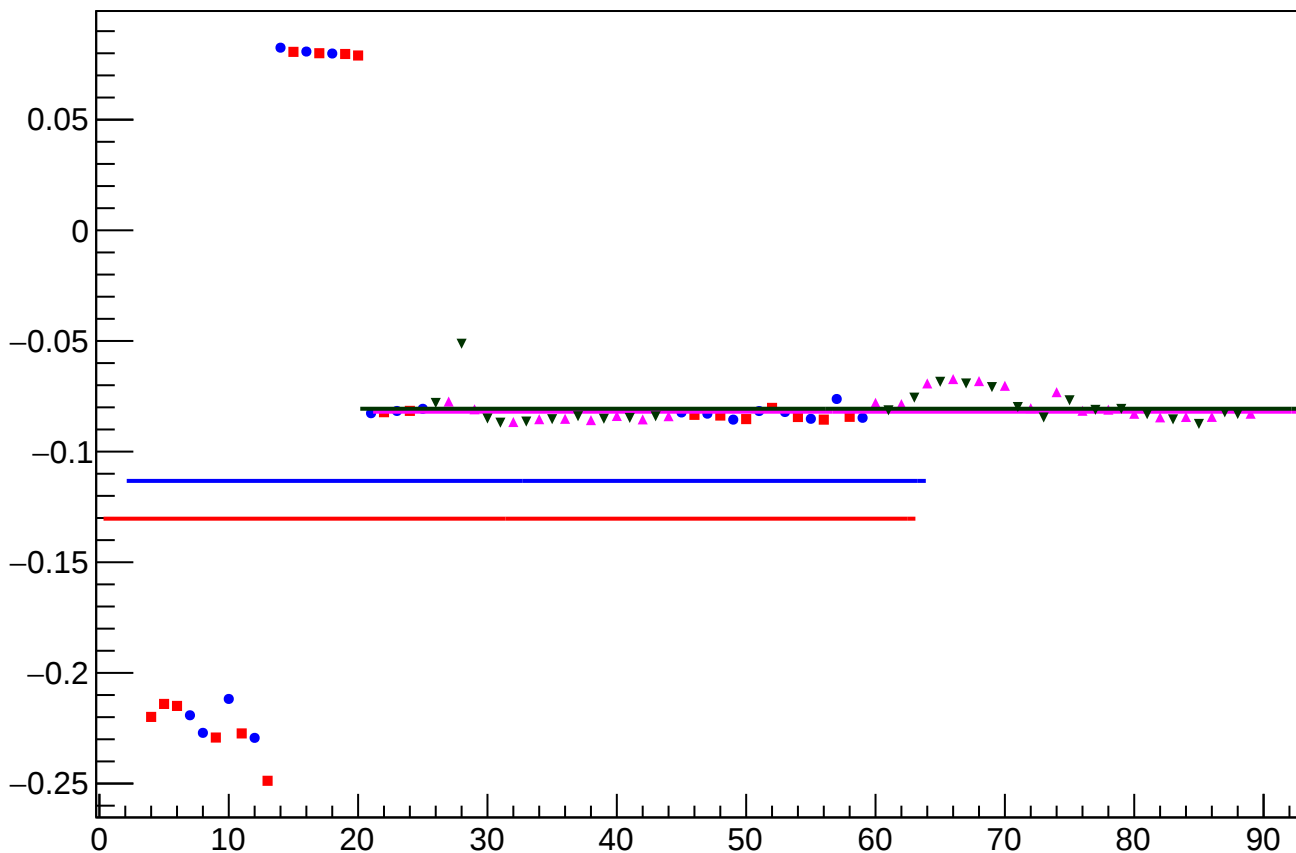
Right Out: 0.003+/-0.000 χ^2/NDF : 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF : 5188365.6/23

0.003+/-0.000 χ^2/NDF : 8824996.0/42

0.003+/-0.000 χ^2/NDF : 9147137.7/42

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 : 42257443.3/24

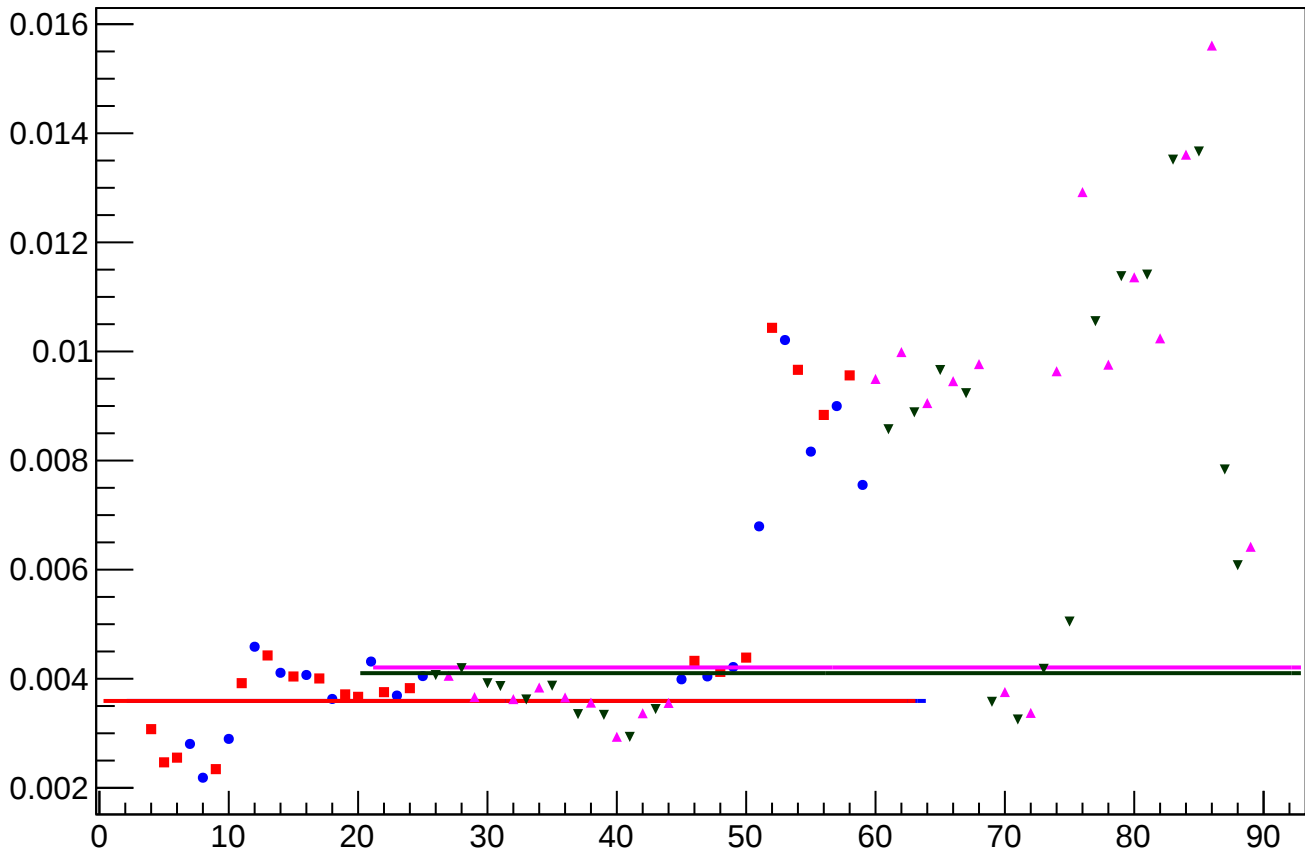
Right Out: -0.130+/-0.000 χ^2/NDF : 8867144829.5/18

Left In: -0.082+/-0.000 χ^2/NDF : 13420540.2/23

-0.099+/-0.000 χ^2/NDF : 10078987127.3/42

-0.108+/-0.000 χ^2/NDF : 9574381572.2/42

yield_cav4cY_rms vs slug



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

Left Out: 0.004+/-0.000 χ^2/NDF :3676004.2/24

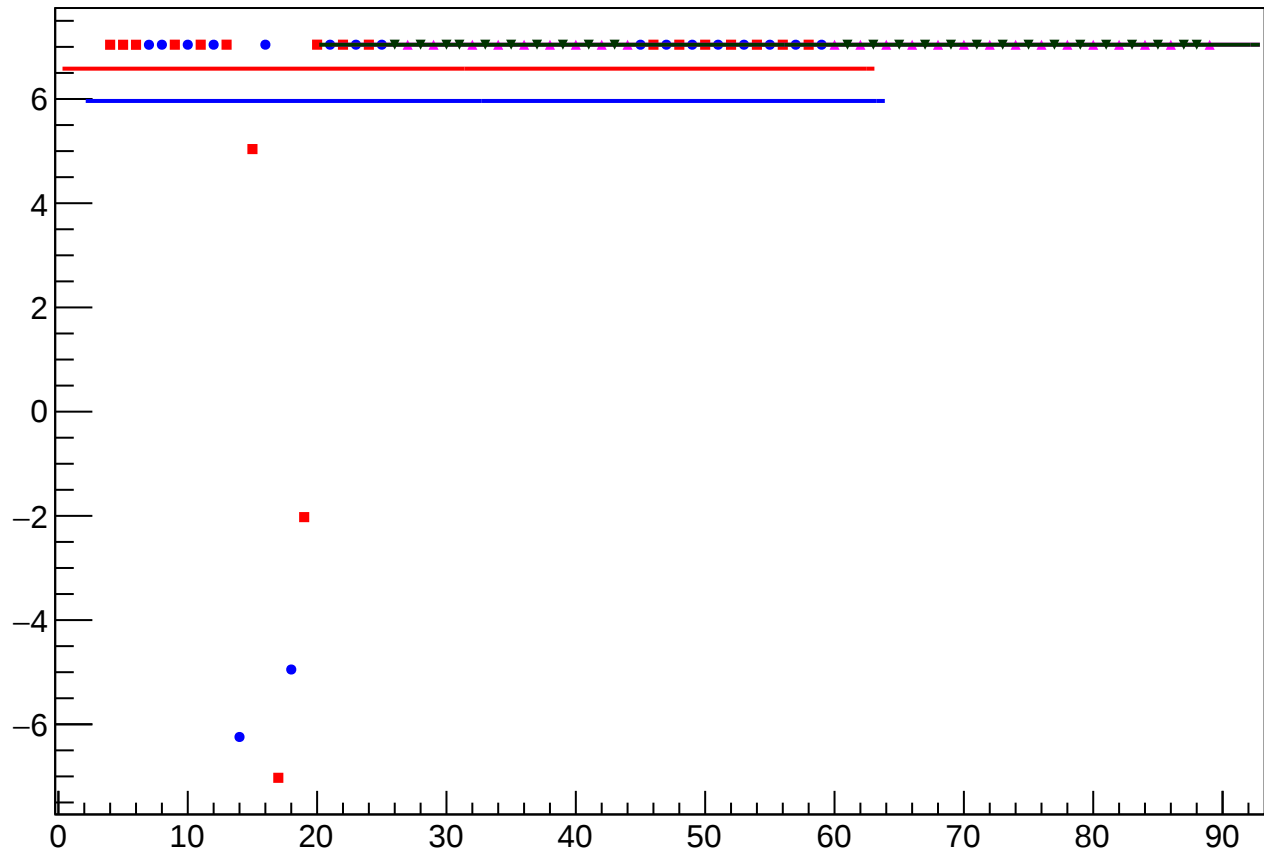
Right Out: 0.004+/-0.000 χ^2/NDF : 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF :4546744.6/23

0.004+/-0.000 χ^2/NDF : 6479153.6/42

0.004+/-0.000 χ^2/NDF : 6996155.5/42

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 : 49975231.7/24

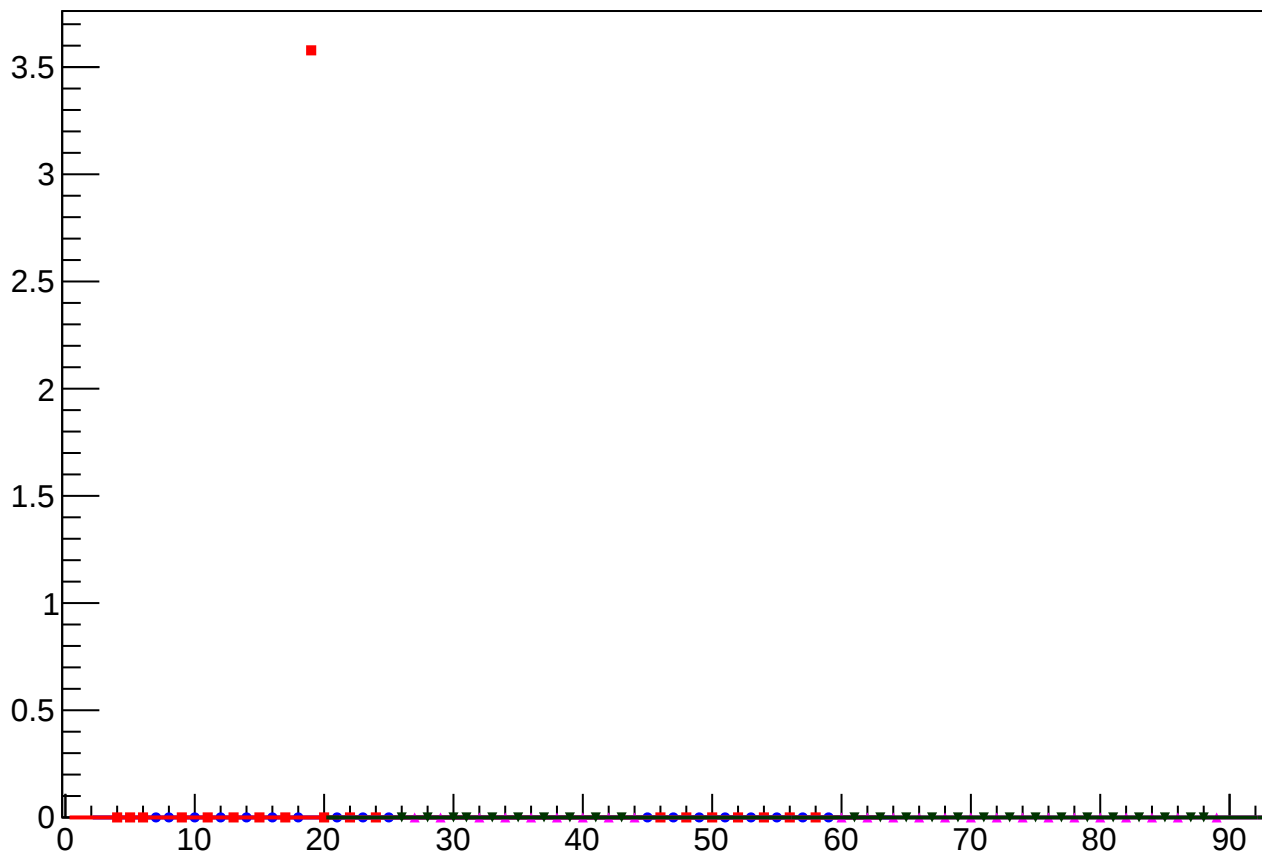
Right Out: 6.582+/-0.000 χ^2/NDF : 1856853993700647.2/18

Left In: 7.042+/-0.000 χ^2/NDF : 49585336.5/23

6.557+/-0.000 χ^2/NDF : 4845432144694303.0/4

6.858+/-0.000 χ^2/NDF : 1895684090688796.0/4

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 : 6721.3/24

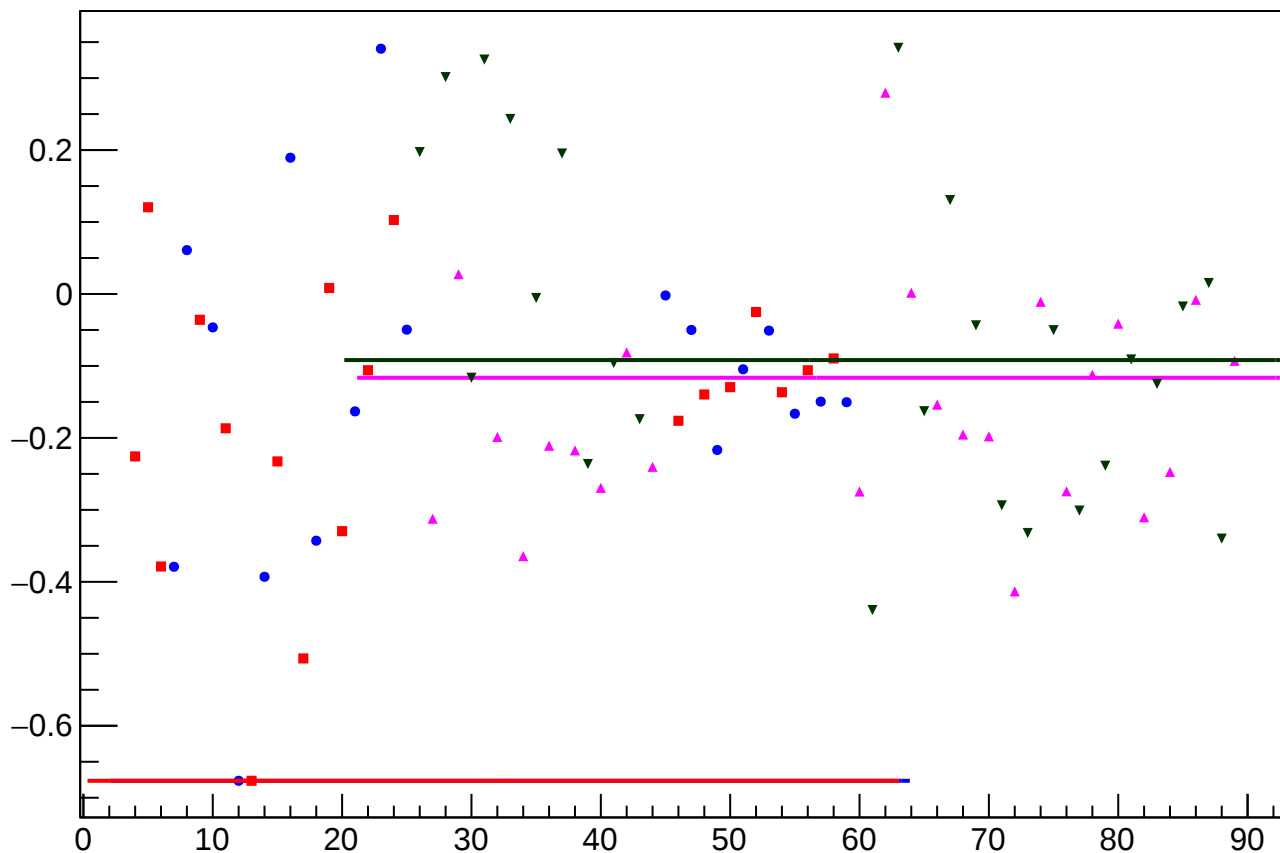
Right Out: 0.000+/-0.000 χ^2/NDF : 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 7205.3/23

0.000+/-0.000 χ^2/NDF : 14236.7/42

0.000+/-0.000 χ^2/NDF : 709398.8/42

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 266364367.2/17

Left Out: -0.092+/-0.000 χ^2/NDF : 37902393.7/24

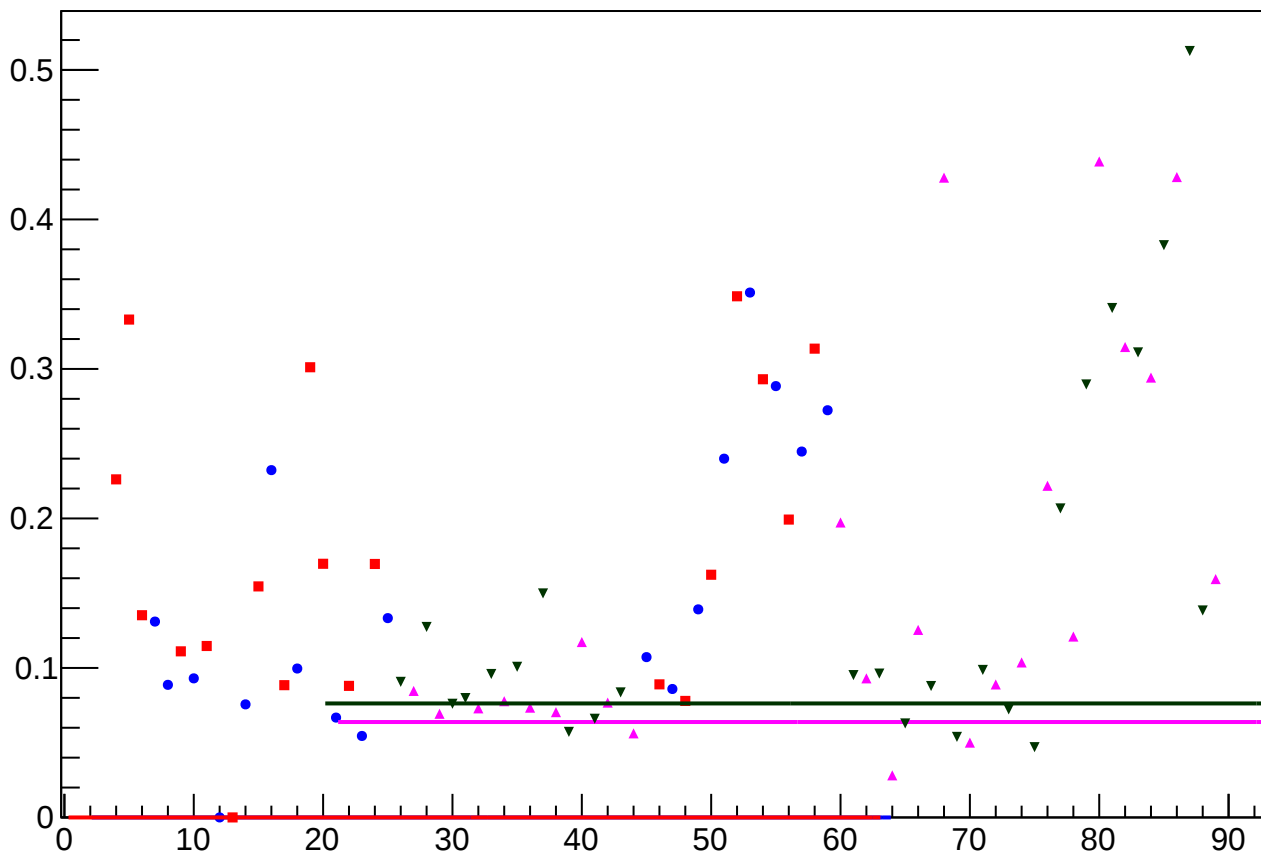
Right Out: -0.676+/-0.000 χ^2/NDF : 102004552.0/18

Left In: -0.116+/-0.000 χ^2/NDF : 29860956.1/23

-0.676+/-0.000 χ^2/NDF : 692252284.9/42

-0.676+/-0.000 χ^2/NDF : 627661956.4/42

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16187995.6/17

Left Out: 0.076+/-0.000 χ^2/NDF : 3894505.2/24

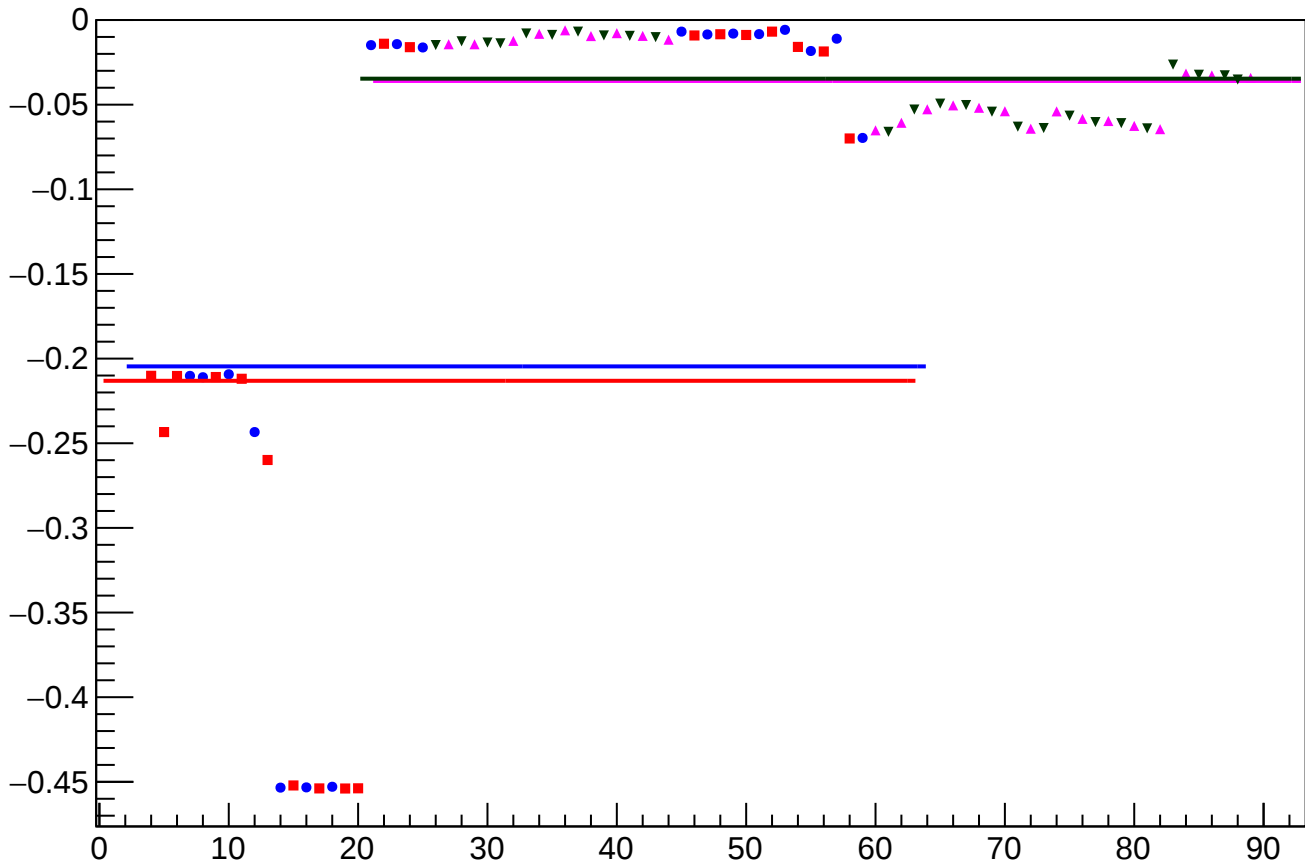
Right Out: 0.000+/-0.000 χ^2/NDF : 13760955.7/18

Left In: 0.064+/-0.000 χ^2/NDF : 6645895.2/23

0.000+/-0.000 χ^2/NDF : 33280929.2/42

0.000+/-0.000 χ^2/NDF : 33282688.6/42

yield_bpm4aX_mean vs slug



Right In: -0.205+/-0.000 χ^2/NDF : 5539981697.6/17

Left Out: -0.035+/-0.000 χ^2/NDF : 68843981.1/24

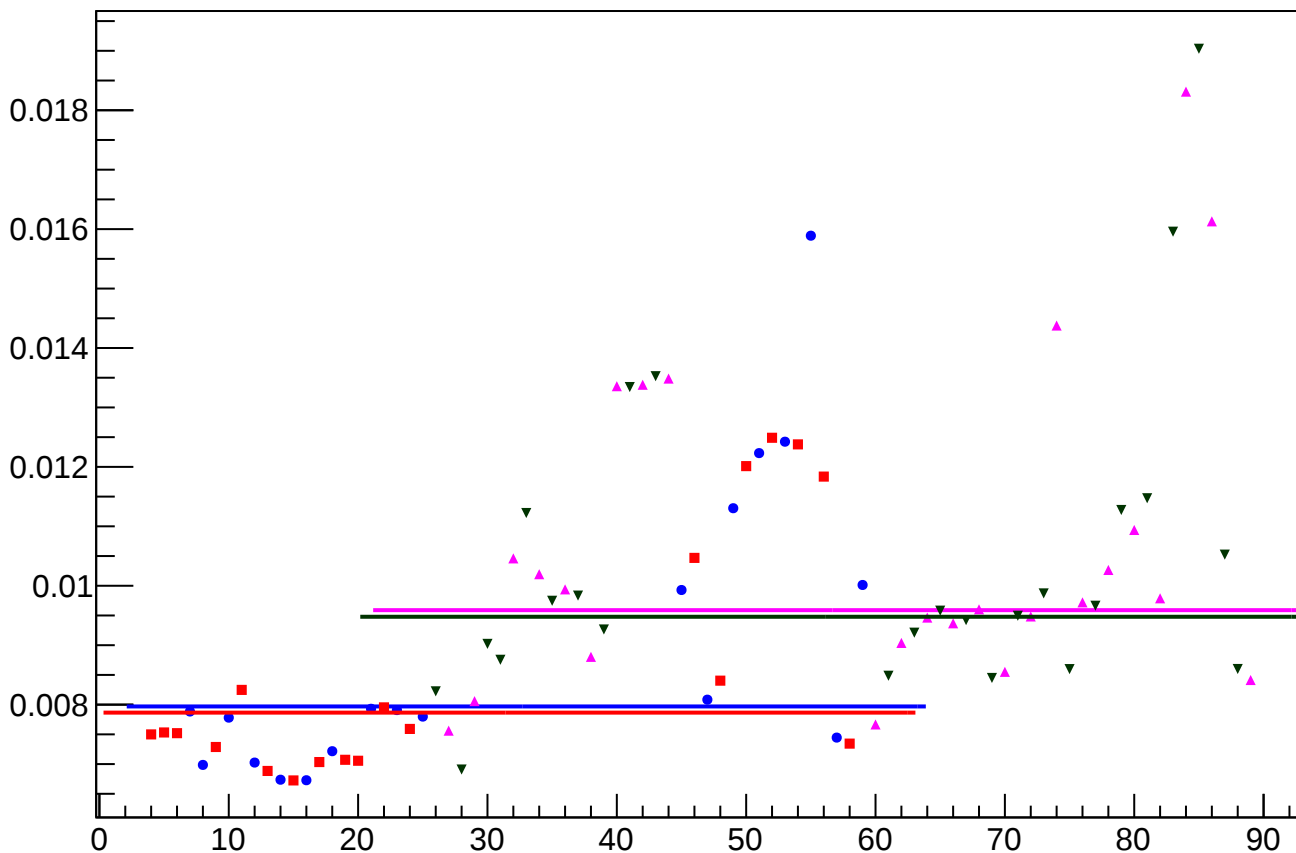
-0.130+/-0.000 χ^2/NDF : 7732358310.3/42

Right Out: -0.213+/-0.000 χ^2/NDF : 4142455601.5/18

-0.130+/-0.000 χ^2/NDF : 6474244692.5/42

Left In: -0.036+/-0.000 χ^2/NDF : 70975252.9/23

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 : 947400.6/24

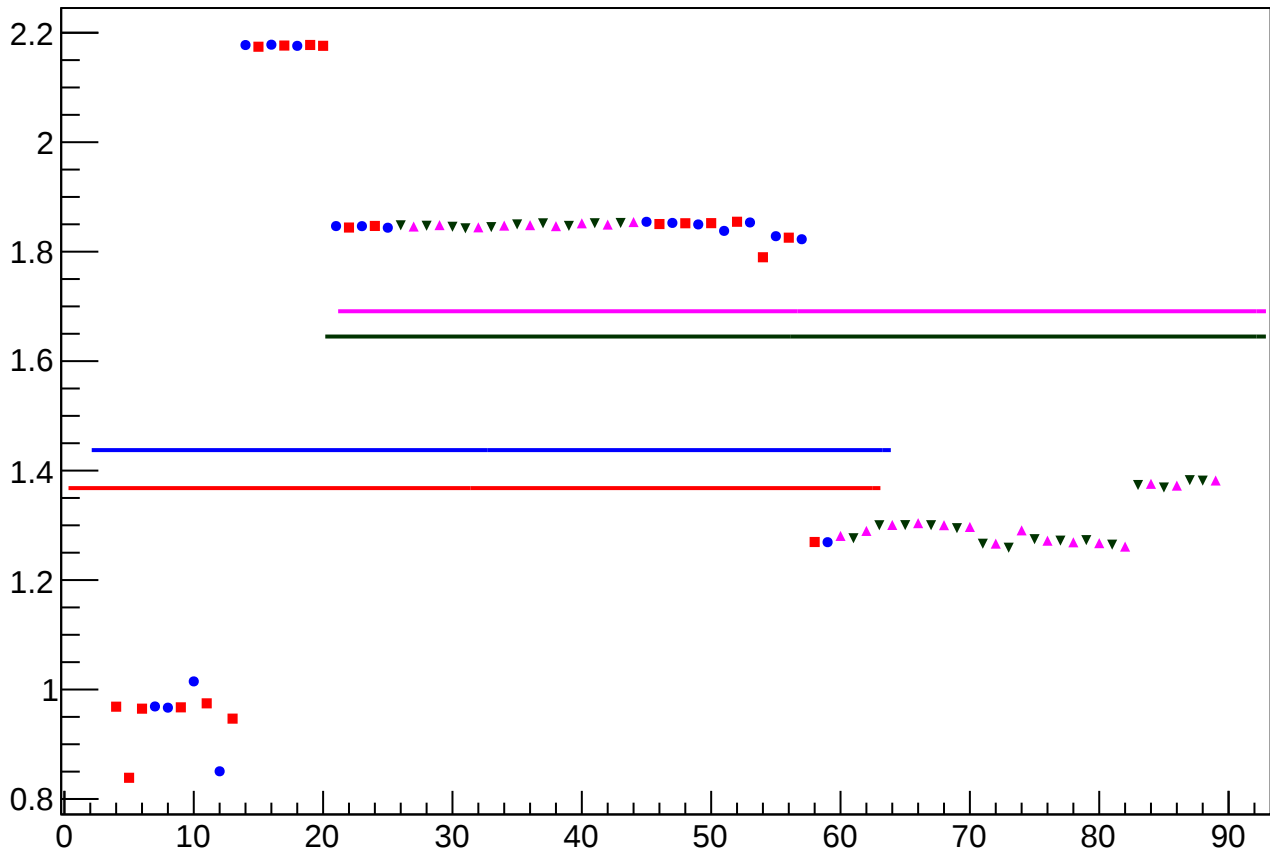
Right Out: 0.008+/-0.000 χ^2/NDF : 696189.4/18

Left In: 0.010+/-0.000 χ^2/NDF : 1087961.4/23

0.009+/-0.000 χ^2/NDF : 2225881.8/42

0.009+/-0.000 χ^2/NDF : 2212488.7/42

yield_bpm4aY_mean vs slug



Right In: 1.437 $\pm$ 0.000 χ^2 /NDF: 14236590294.3/17

Left Out: 1.645 $\pm$ 0.000 χ^2 /NDF: 3197090788.2/24

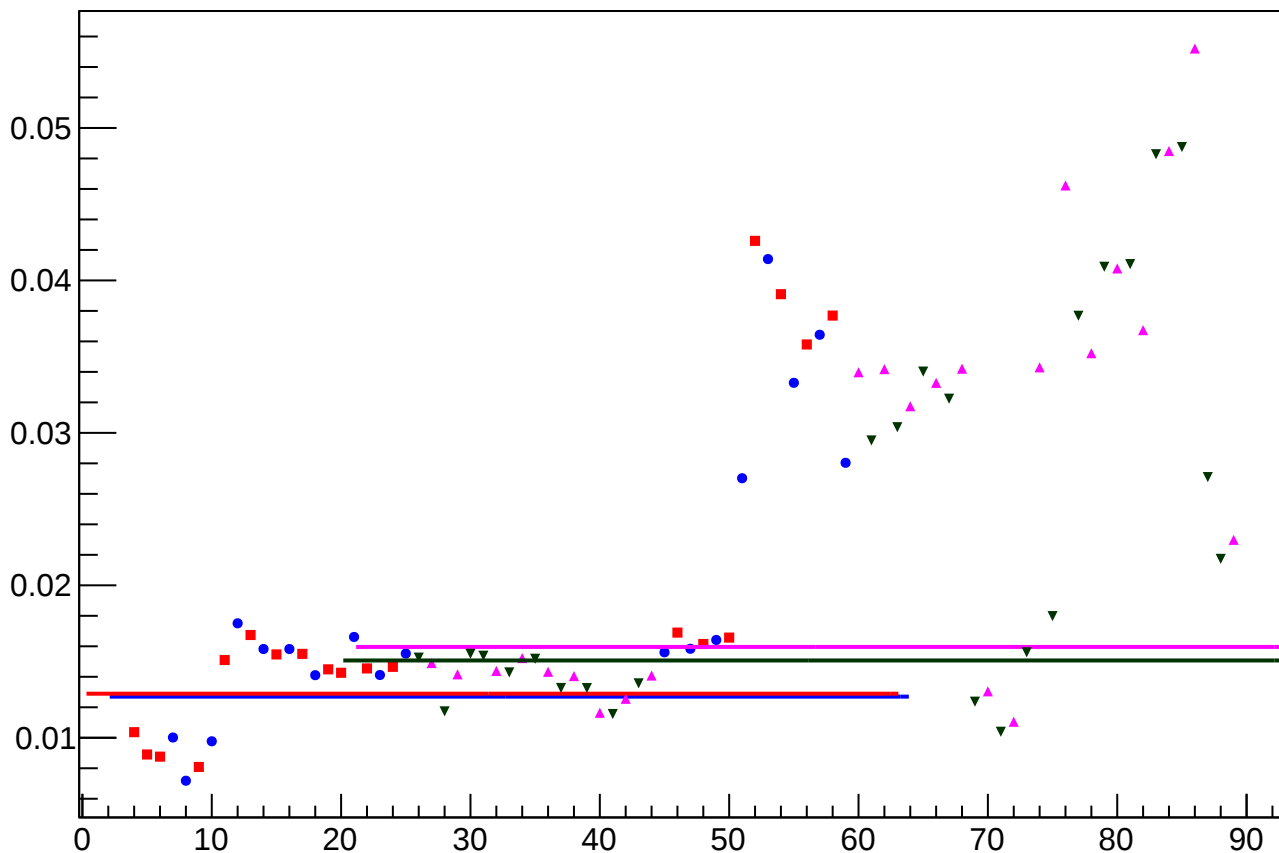
1.529 $\pm$ 0.000 χ^2 /NDF: 18475161496.3/42

Right Out: 1.368 $\pm$ 0.000 χ^2 /NDF: 12592500418.8/18

1.514 $\pm$ 0.000 χ^2 /NDF: 17353602017.3/42

Left In: 1.691 $\pm$ 0.000 χ^2 /NDF: 2491966743.0/23

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 : 3580281.7/24

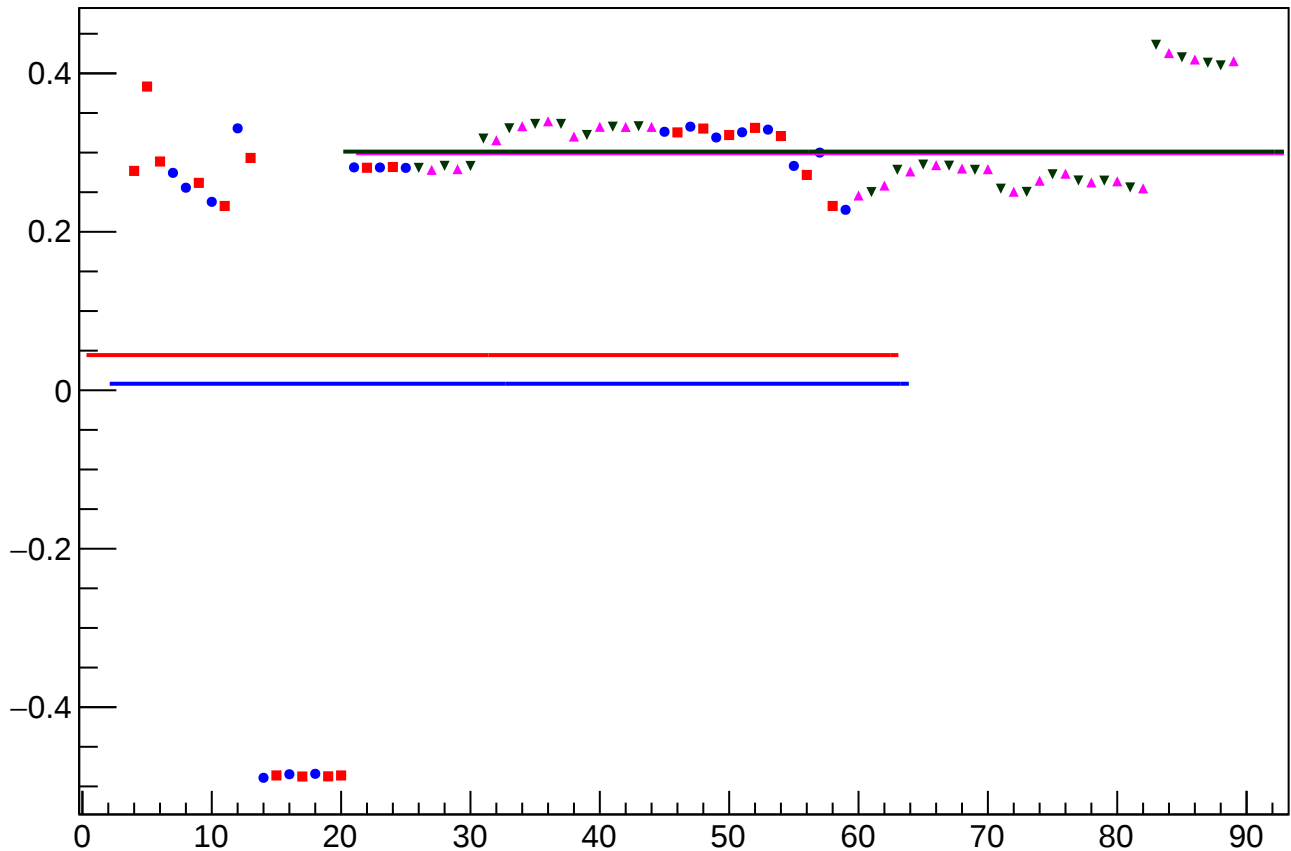
Right Out: 0.013+/-0.000 χ^2/NDF : 2814614.5/18

Left In: 0.016+/-0.000 χ^2/NDF : 4236077.9/23

0.014+/-0.000 χ^2/NDF : 7387450.6/42

0.014+/-0.000 χ^2/NDF : 7459749.5/42

yield_bpm4eX_mean vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 3589016563.4/17

Left Out: 0.301+/-0.000 χ^2/NDF : 22101136.8/24

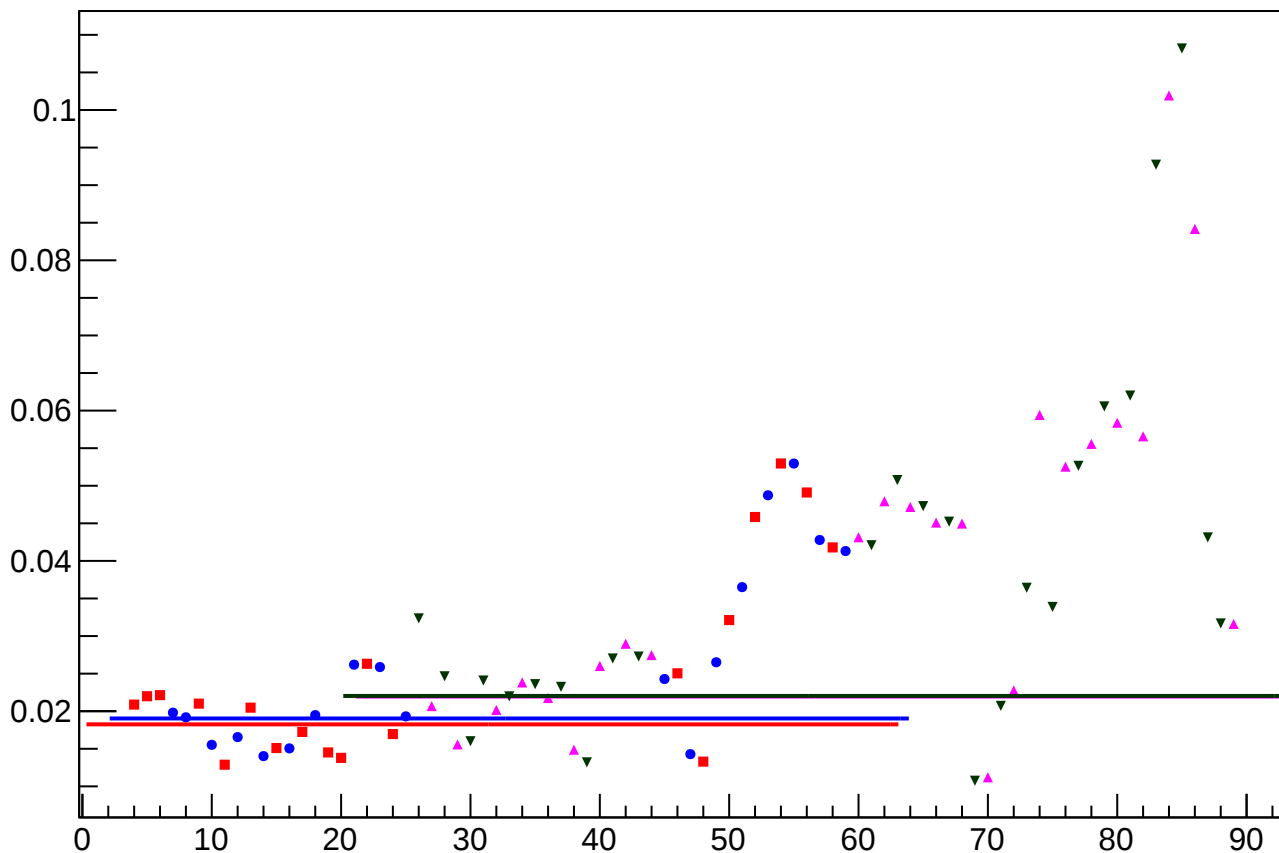
0.132+/-0.000 χ^2/NDF : 4546699812.4/42

Right Out: 0.044+/-0.000 χ^2/NDF : 3156873410.8/18

0.157+/-0.000 χ^2/NDF : 3895251824.3/42

Left In: 0.299+/-0.000 χ^2/NDF : 21706087.9/23

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 : 5535552.8/24

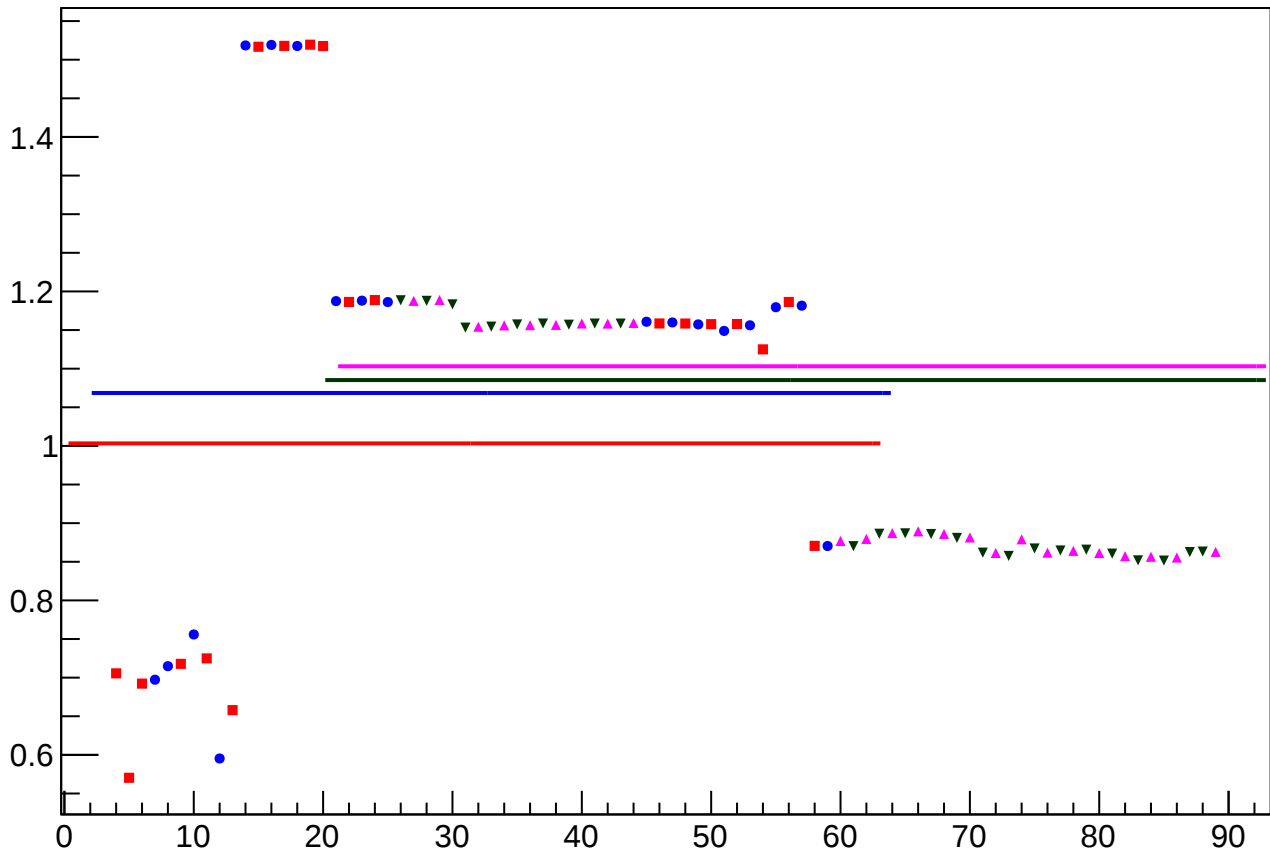
Right Out: 0.018+/-0.000 χ^2/NDF : 2485378.5/18

Left In: 0.022+/-0.000 χ^2/NDF : 5904359.8/23

0.020+/-0.000 χ^2/NDF : 8326334.8/42

0.020+/-0.000 χ^2/NDF : 8691448.2/42

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10548206682.3/17

Left Out: 1.085+/-0.000 χ^2/NDF :1626024941.3/24

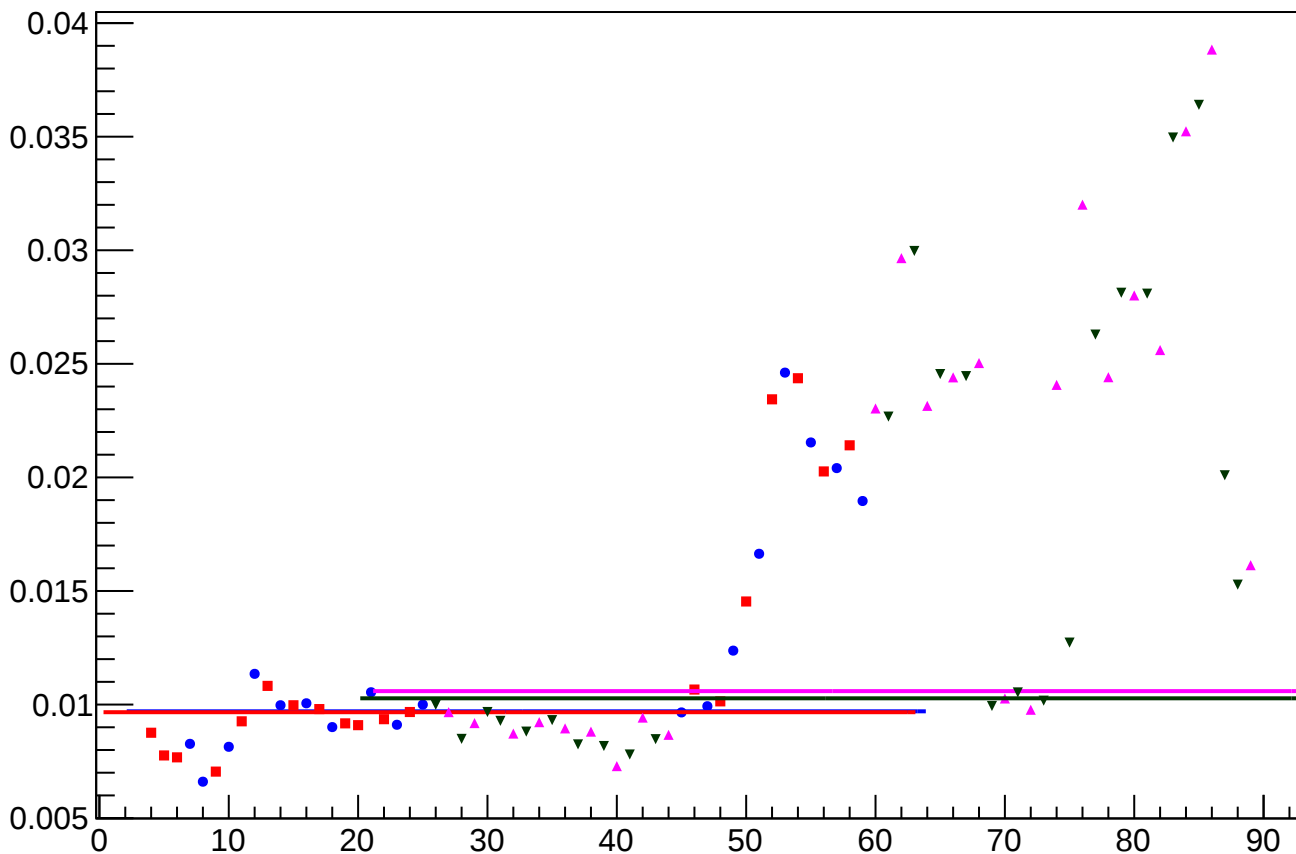
1.076+/-0.000 χ^2/NDF : 12187746227.9/42

Right Out: 1.003+/-0.000 χ^2/NDF : 10291656361.5/18

1.052+/-0.000 χ^2/NDF : 12009623223.8/42

Left In: 1.103+/-0.000 χ^2/NDF :1271644812.5/23

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 : 3839840.3/24

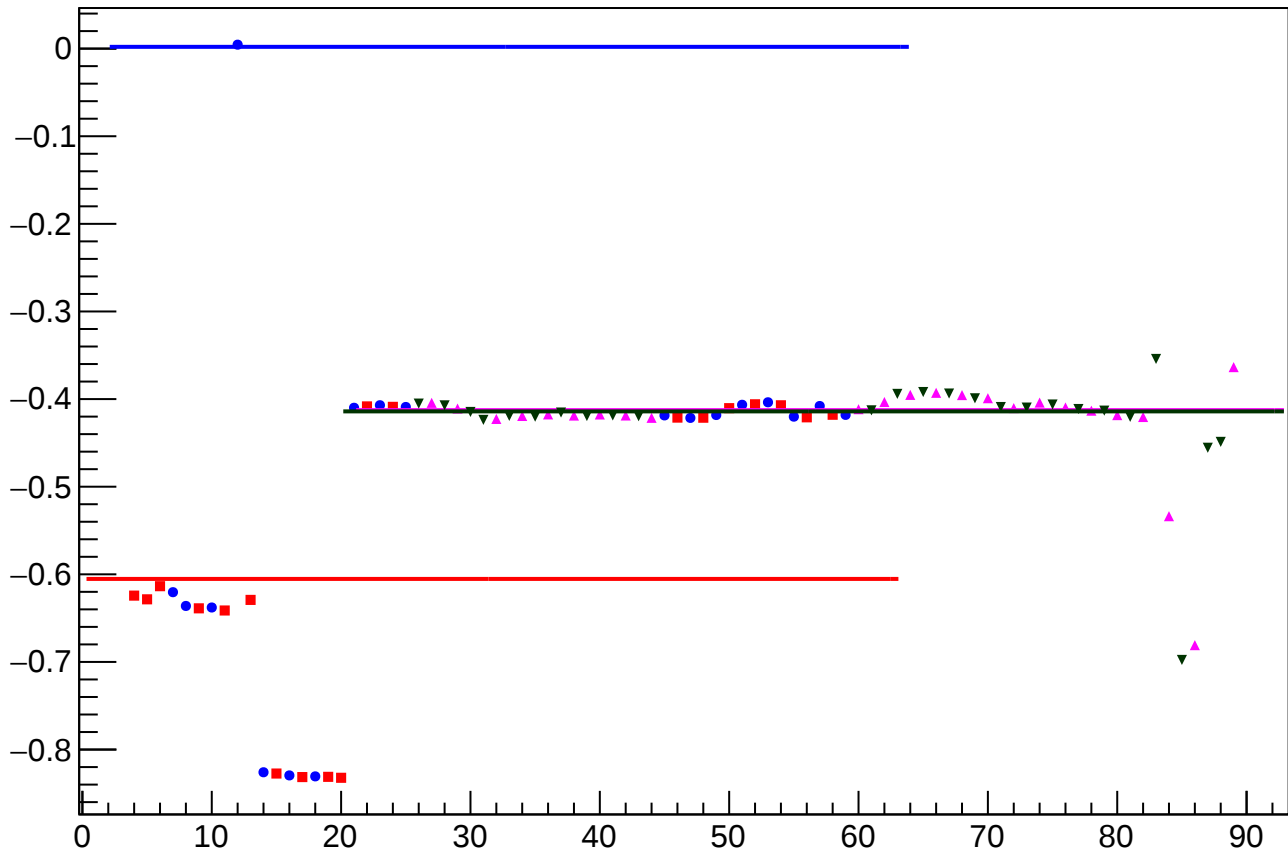
Right Out: 0.010+/-0.000 χ^2/NDF : 1597012.3/18

Left In: 0.011+/-0.000 χ^2/NDF : 4614263.7/23

0.010+/-0.000 χ^2/NDF : 5777244.9/42

0.010+/-0.000 χ^2/NDF : 6288436.5/42

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59749781854.5/17

Left Out: -0.414 $\pm$ 0.000 χ^2 /NDF: 148436106.5/24

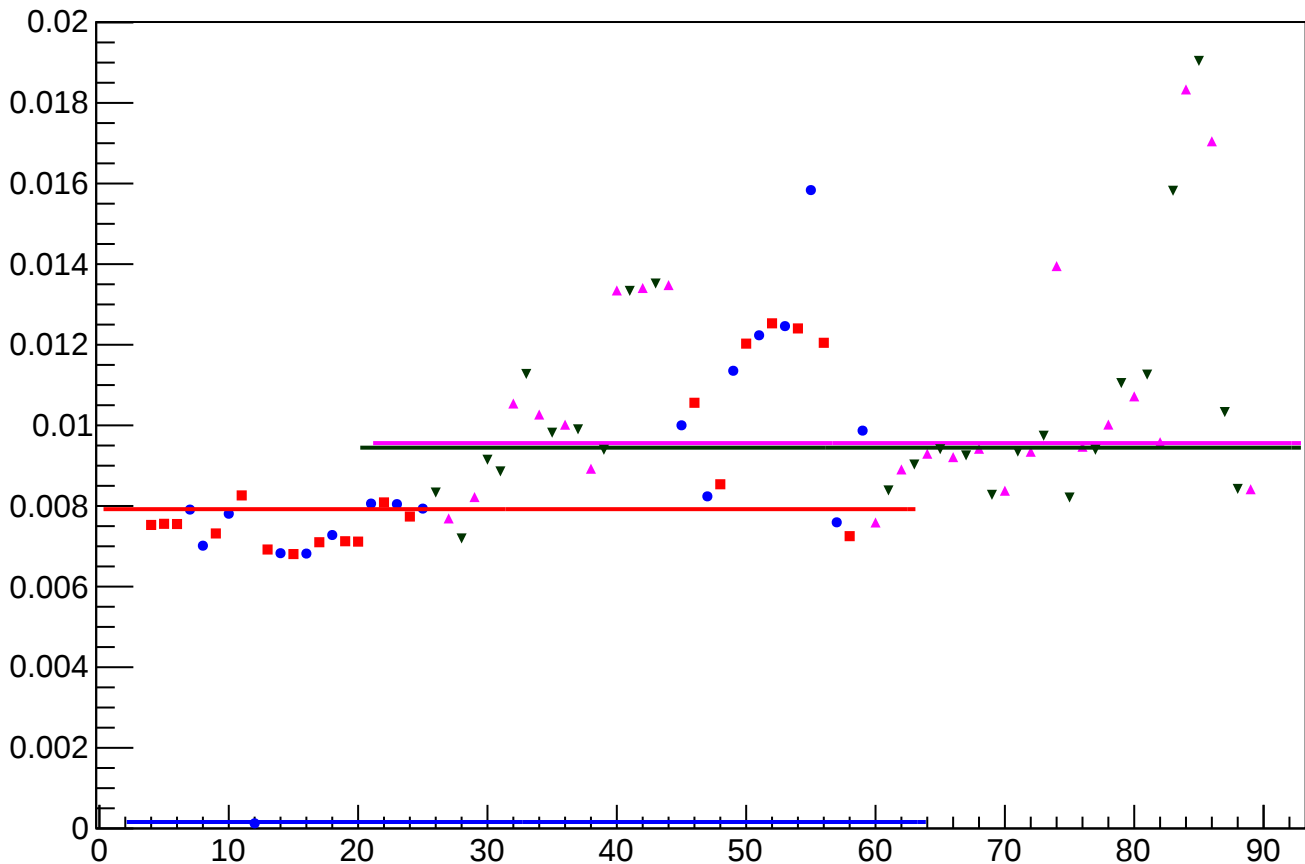
Right Out: -0.605 $\pm$ 0.000 χ^2 /NDF: 3819629229.5/18

Left In: -0.413 $\pm$ 0.000 χ^2 /NDF: 178454717.3/23

0.001 $\pm$ 0.000 χ^2 /NDF: 82753191803.6/42

-0.514 $\pm$ 0.000 χ^2 /NDF: 6662790836.7/42

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 :904610.6/24

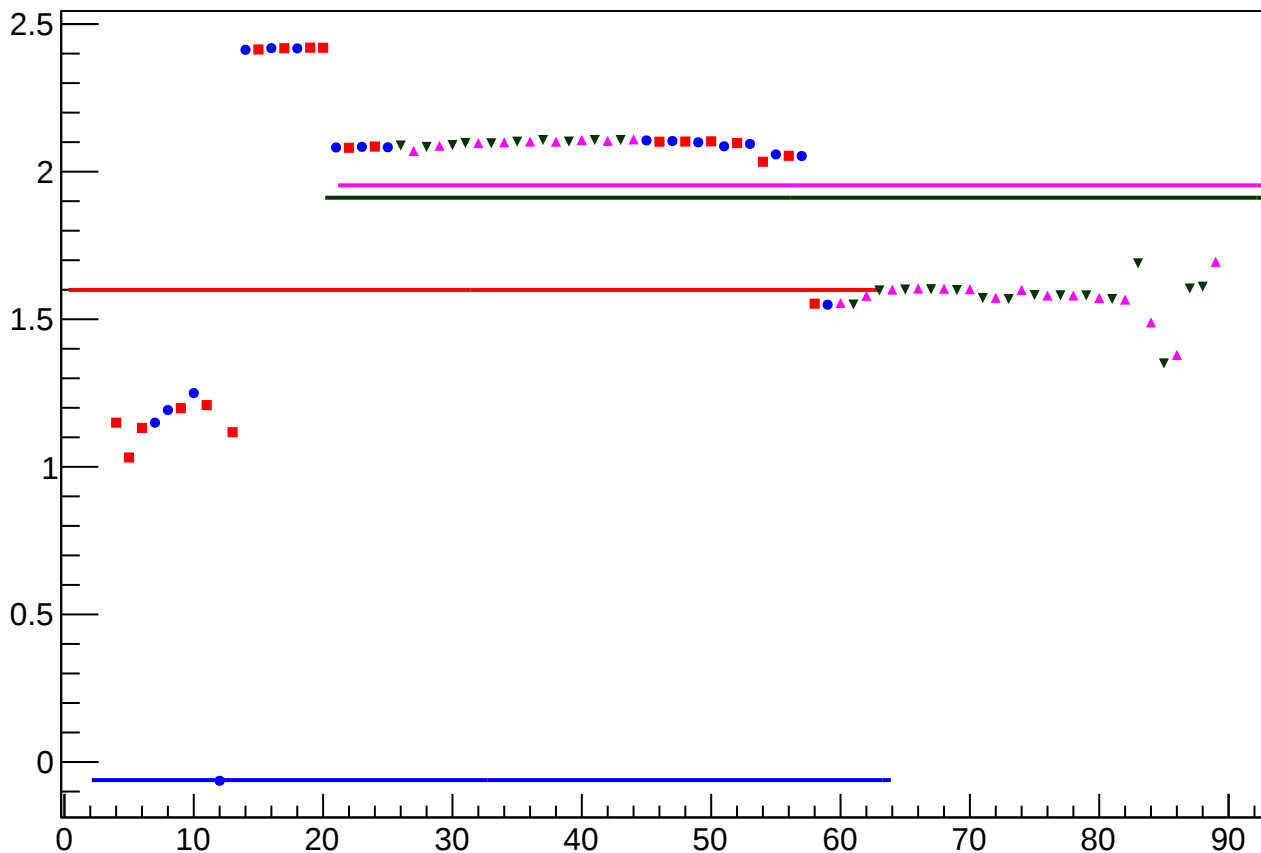
Right Out: 0.008+/-0.000 χ^2/NDF : 697414.3/18

Left In: 0.010+/-0.000 χ^2/NDF :1084014.4/23

0.000+/-0.000 χ^2/NDF : 43940259.1/42

0.009+/-0.000 χ^2/NDF : 2167236.8/42

yield_bpm4acY_mean vs slug



Right In: -0.061 ± 0.000 χ^2/NDF : 171003968524.2/17

Left Out: 1.912 ± 0.000 χ^2/NDF : 2616305215.6/24

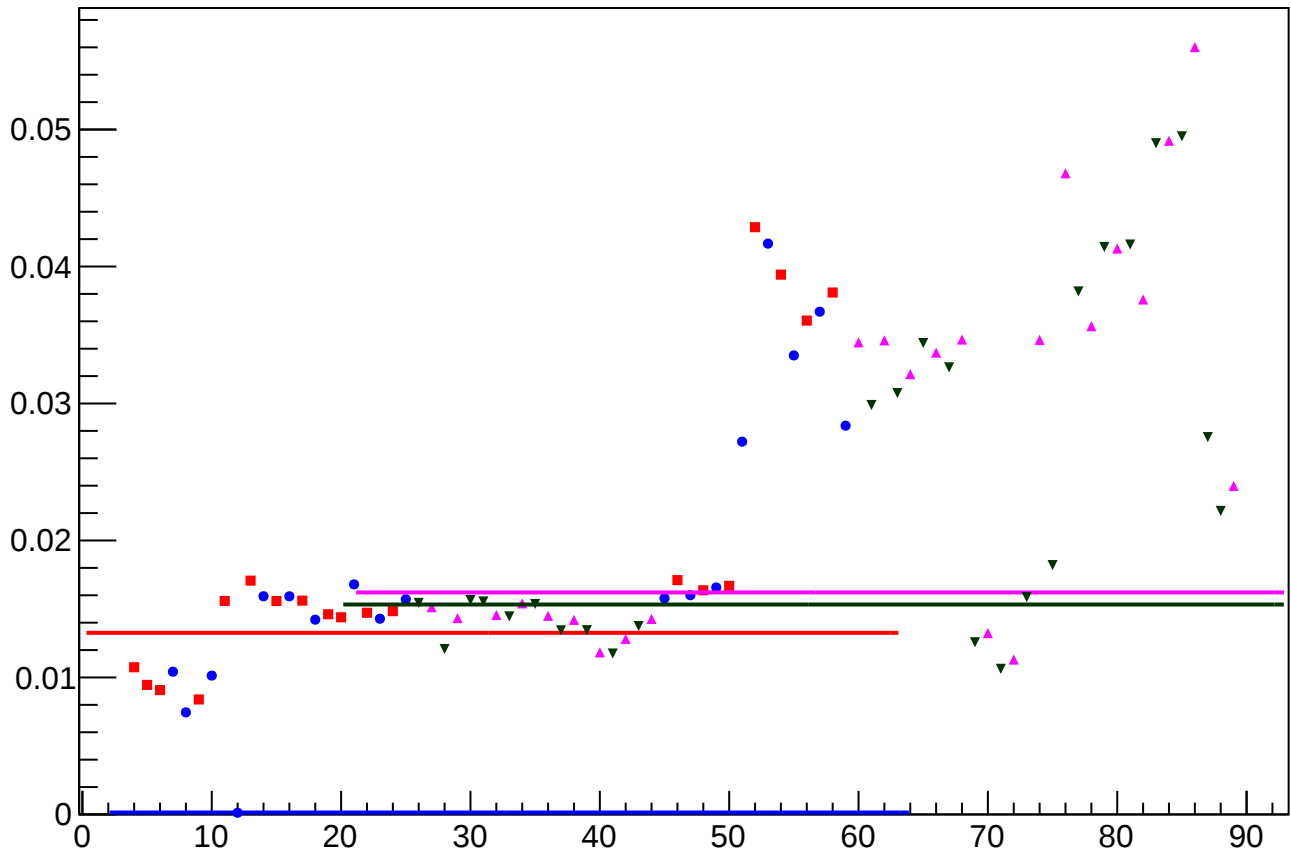
-0.059 ± 0.000 χ^2/NDF : 337030635266.2/42

Right Out: 1.599 ± 0.000 χ^2/NDF : 13096029057.2/18

1.761 ± 0.000 χ^2/NDF : 17737936175.4/42

Left In: 1.954 ± 0.000 χ^2/NDF : 2020155291.3/23

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19632783.5/17

Left Out: 0.015+/-0.000 χ^2/NDF : 3553425.2/24

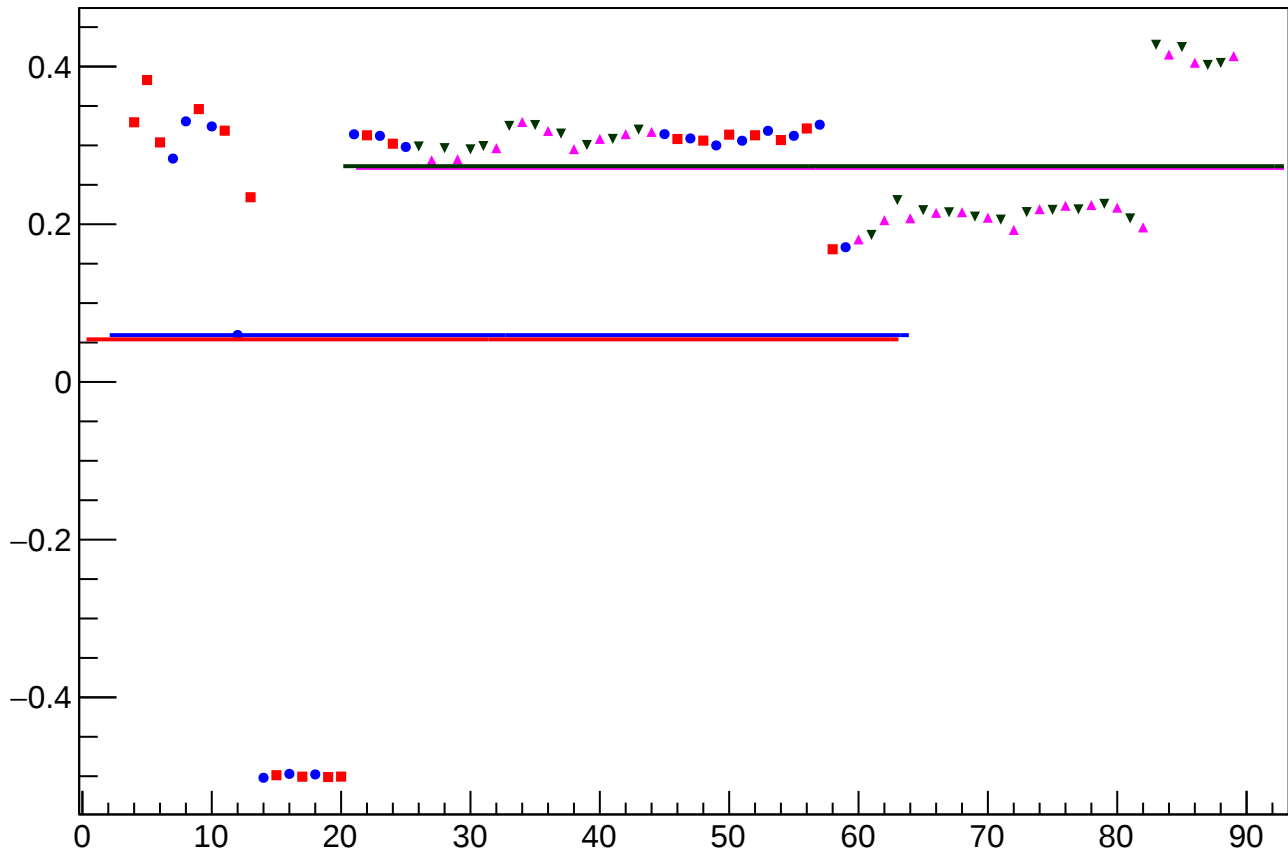
Right Out: 0.013+/-0.000 χ^2/NDF : 2690130.8/18

Left In: 0.016+/-0.000 χ^2/NDF : 4226593.1/23

0.000+/-0.000 χ^2/NDF : 42539791.0/42

0.015+/-0.000 χ^2/NDF : 7279359.6/42

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3888801914.2/17

Left Out: 0.274+/-0.000 χ^2/NDF : 51864231.2/24

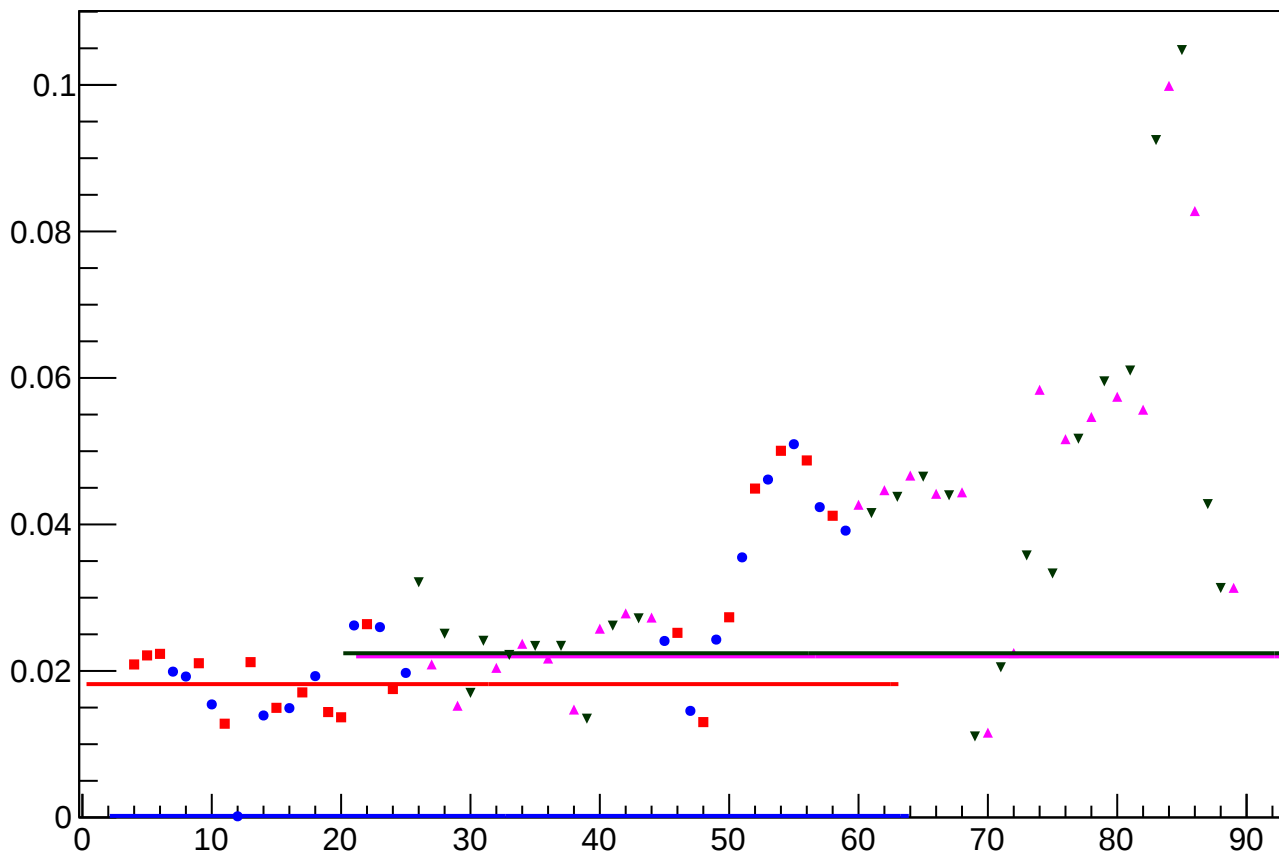
0.060+/-0.000 χ^2/NDF : 4793672024.6/42

Right Out: 0.054+/-0.000 χ^2/NDF : 3509628523.3/18

0.150+/-0.000 χ^2/NDF : 4087174067.4/42

Left In: 0.271+/-0.000 χ^2/NDF : 50469557.3/23

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 19749394.2/17

Left Out: 0.022+/-0.000 χ^2/NDF : 5173609.7/24

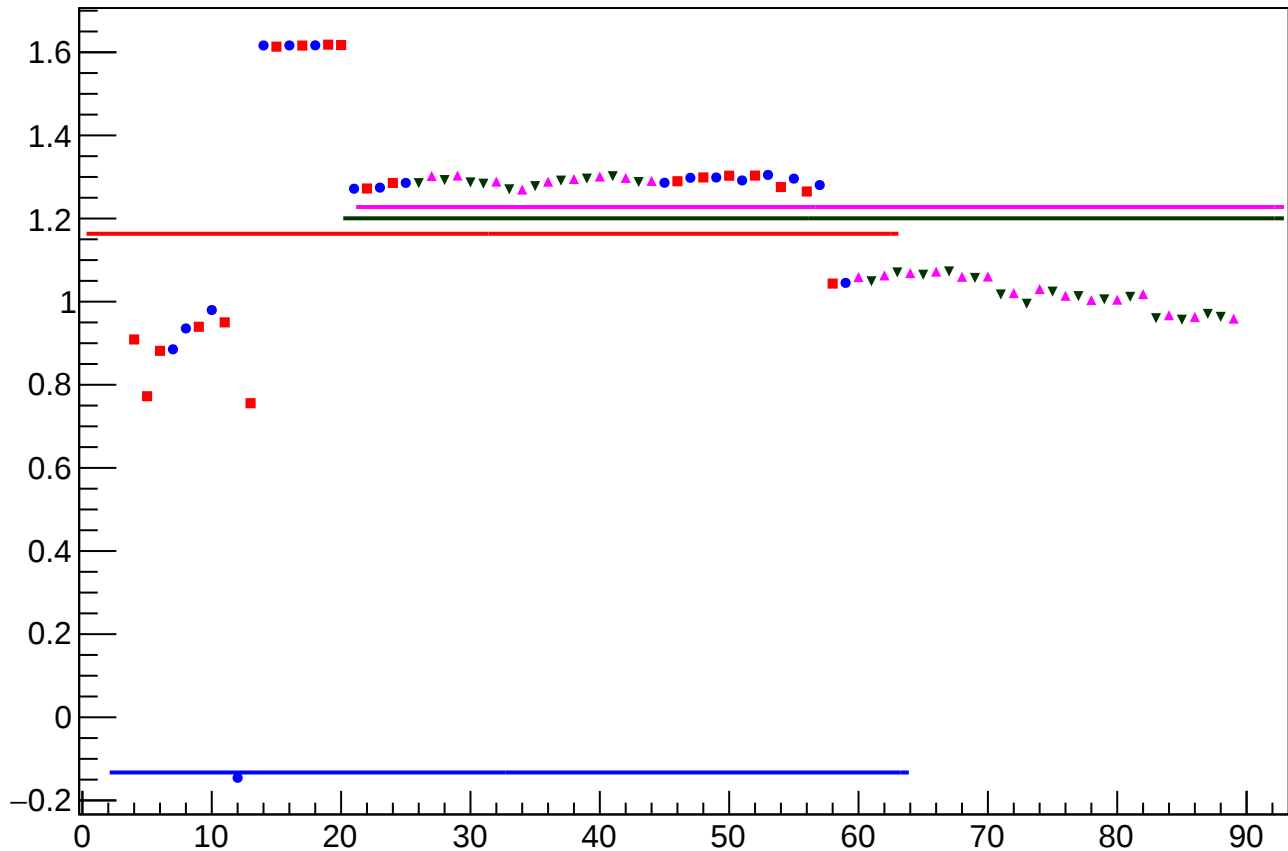
Right Out: 0.018+/-0.000 χ^2/NDF : 2422437.2/18

Left In: 0.022+/-0.000 χ^2/NDF : 5720632.3/23

0.000+/-0.000 χ^2/NDF : 43238323.9/42

0.020+/-0.000 χ^2/NDF : 8463135.2/42

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 169320914657.8/17

Left Out: 1.200+/-0.000 χ^2/NDF : 1215029543.4/24

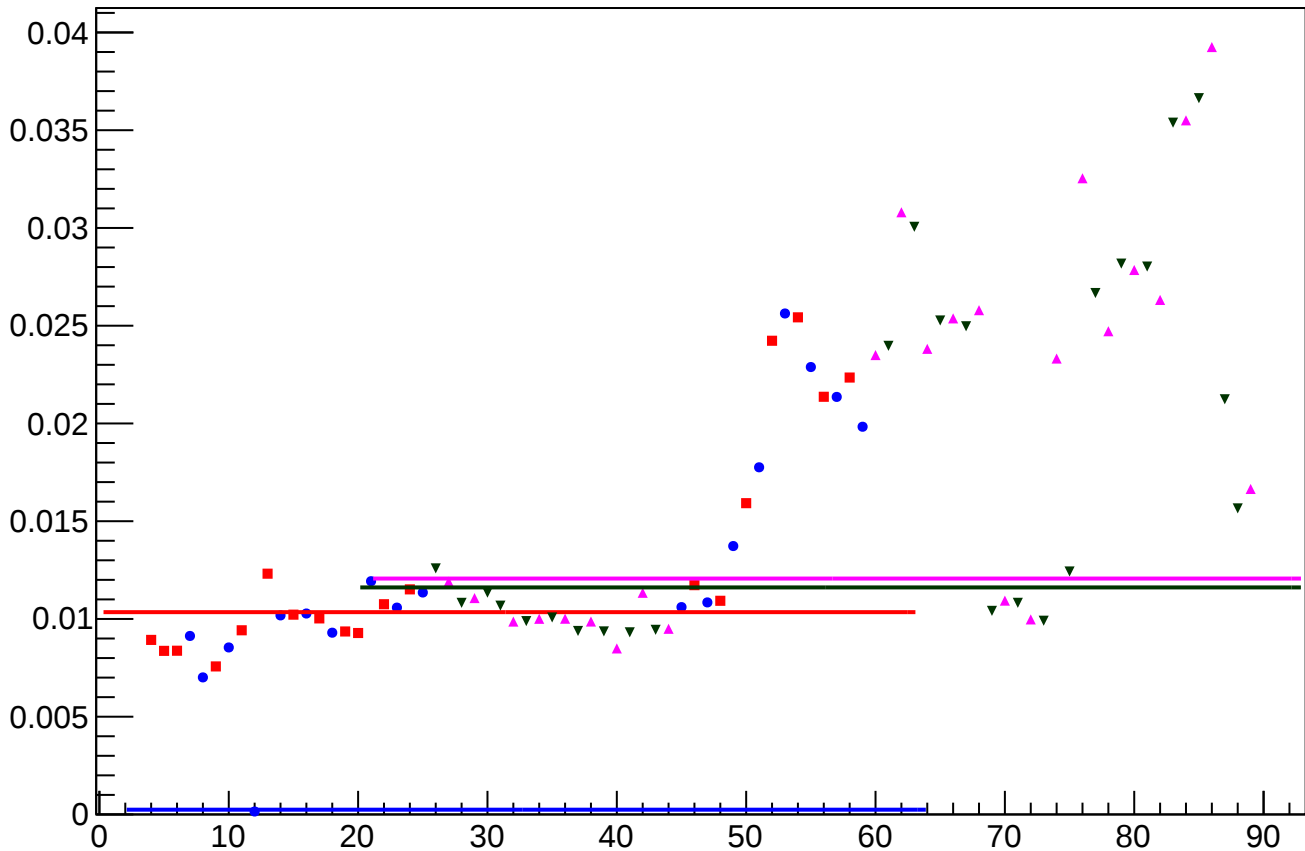
-0.122+/-0.000 χ^2/NDF : 301762564573.5/42

Right Out: 1.163+/-0.000 χ^2/NDF : 7253036603.9/18

1.193+/-0.000 χ^2/NDF : 8331185559.2/42

Left In: 1.228+/-0.000 χ^2/NDF : 924343133.1/23

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 : 3311223.8/24

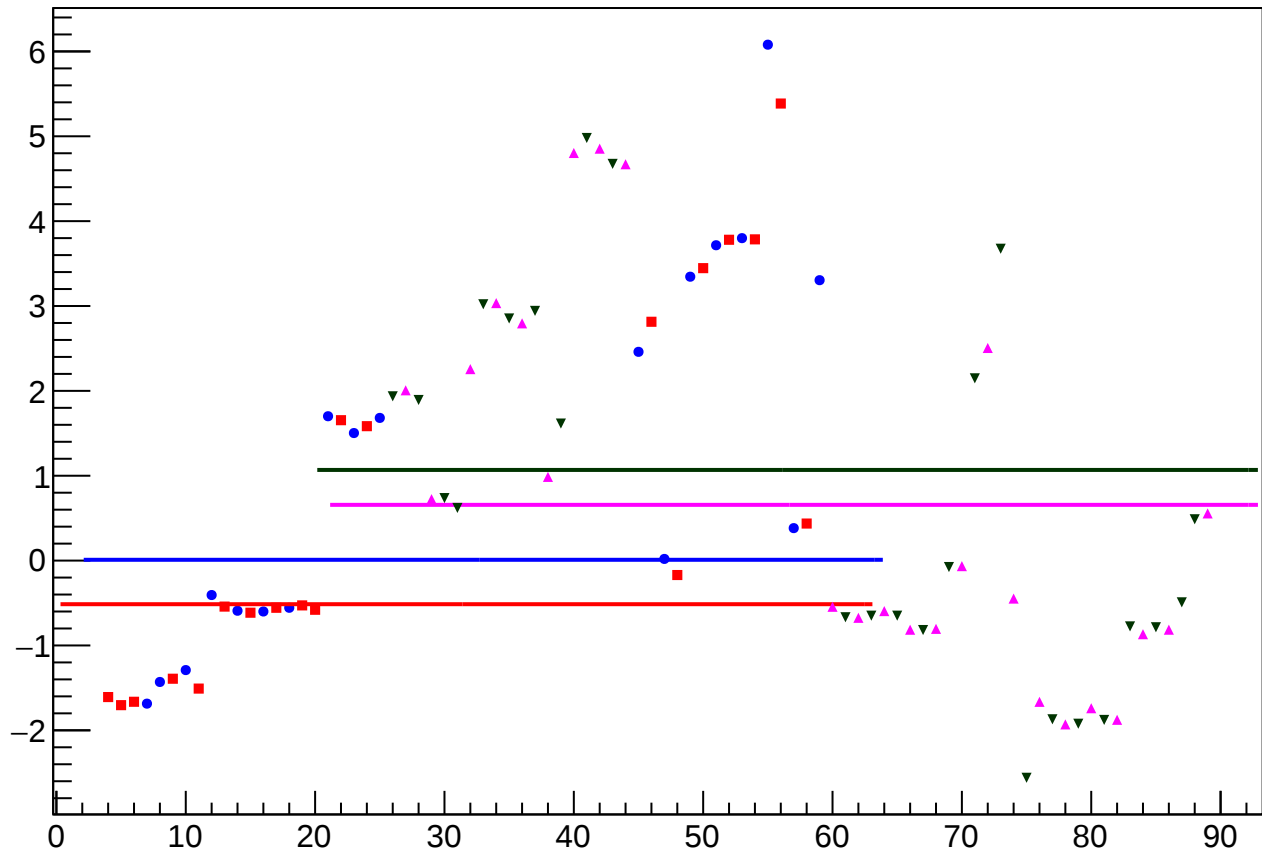
Right Out: 0.010+/-0.000 χ^2/NDF : 1619353.0/18

Left In: 0.012+/-0.000 χ^2/NDF : 4043956.0/23

0.000+/-0.000 χ^2/NDF : 41600560.6/42

0.011+/-0.000 χ^2/NDF : 5882659.8/42

yield_bpm1X_mean vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 18135045883.2/17

Left Out: 1.068+/-0.000 χ^2/NDF : 3696994017.0/24

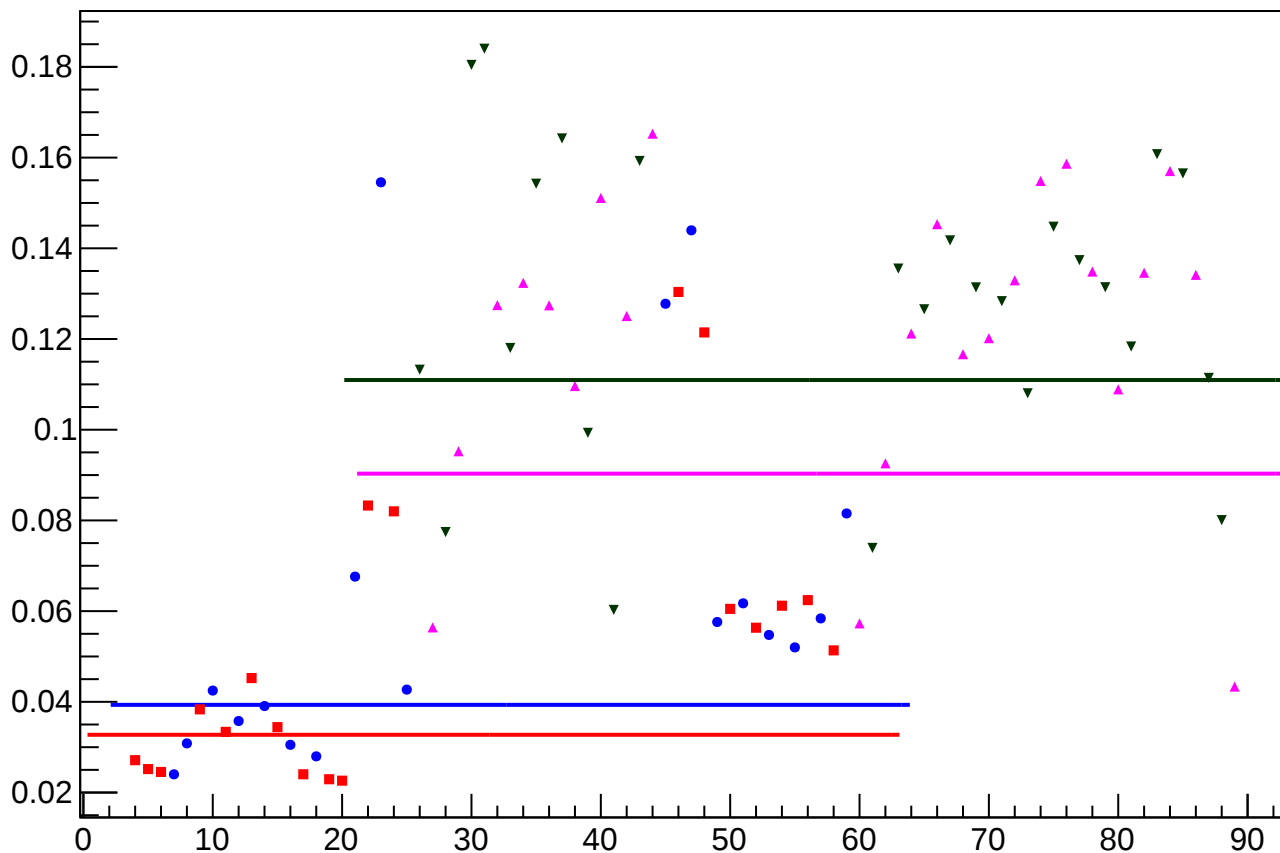
0.155+/-0.000 χ^2/NDF : 22569181607.4/42

Right Out: -0.514+/-0.000 χ^2/NDF : 14474436949.2/18

-0.331+/-0.000 χ^2/NDF : 18834542028.5/42

Left In: 0.657+/-0.000 χ^2/NDF : 3050555387.4/23

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 3078164.7/17

Left Out: 0.111+/-0.000 χ^2/NDF :1812496.9/24

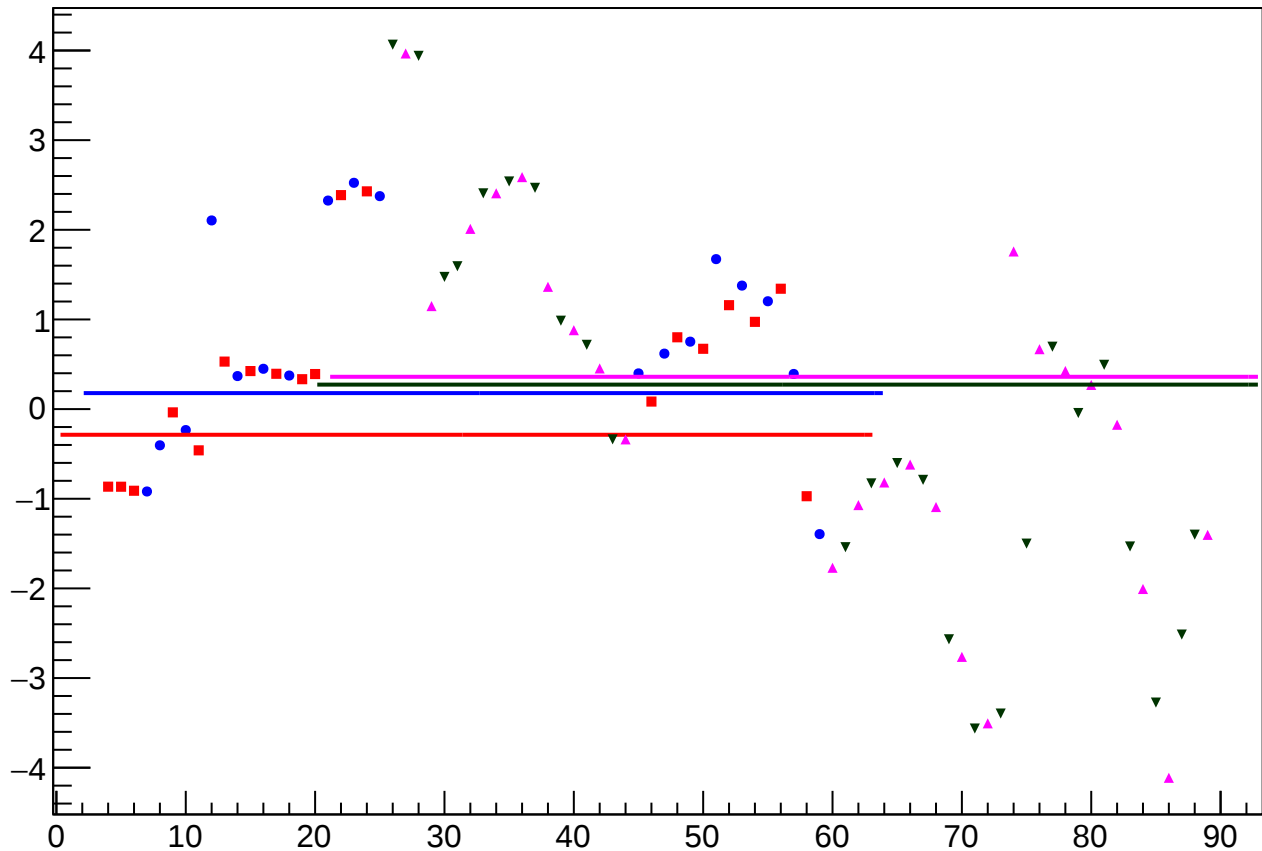
Right Out: 0.033+/-0.000 χ^2/NDF : 2838022.5/18

Left In: 0.090+/-0.000 χ^2/NDF :3632945.4/23

0.049+/-0.000 χ^2/NDF : 11635564.6/42

0.042+/-0.000 χ^2/NDF : 12805322.1/42

yield_bpm1Y_mean vs slug



Right In: 0.178 ± 0.000 χ^2/NDF : 9482704623.3/17

Left Out: 0.273 ± 0.000 χ^2/NDF : 7620970699.9/24

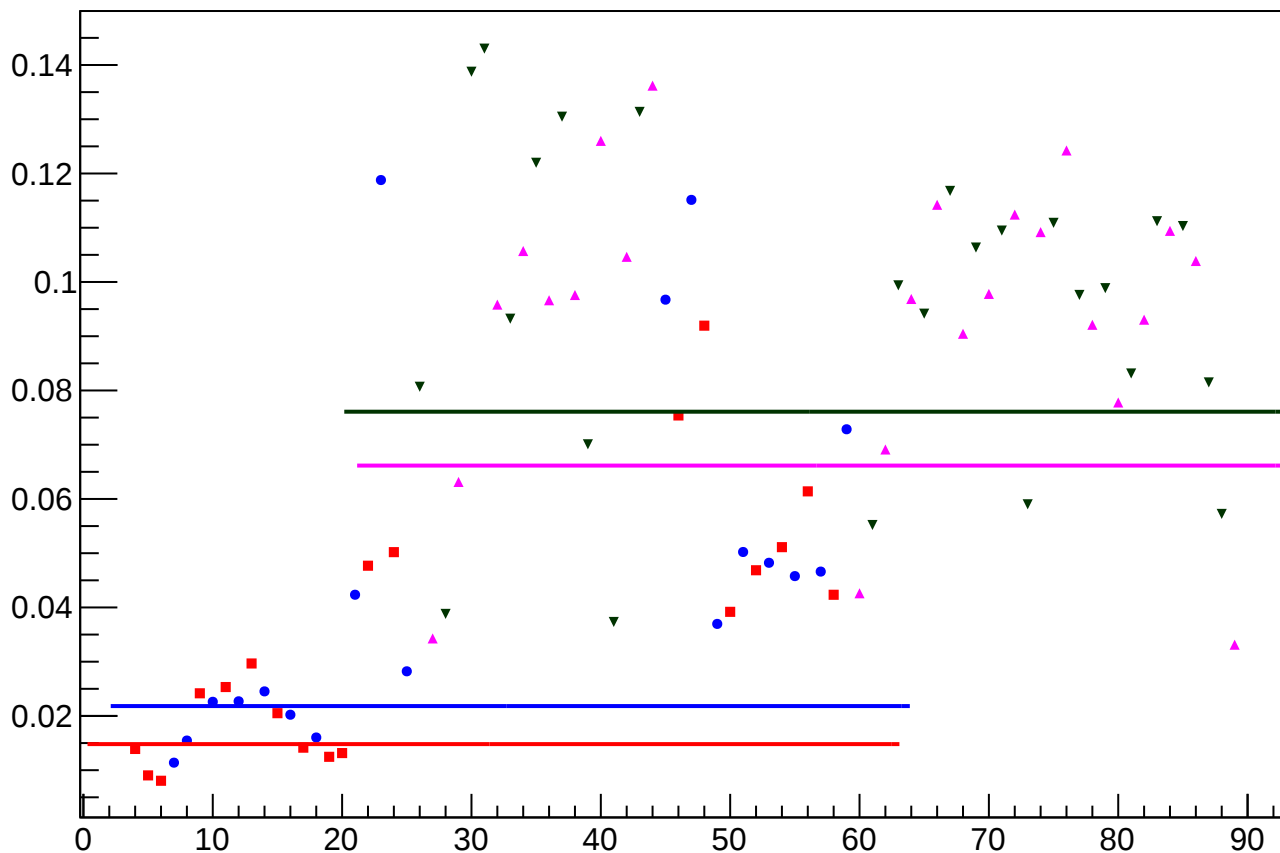
0.188 ± 0.000 χ^2/NDF : 17115270037.0/42

Right Out: -0.286 ± 0.000 χ^2/NDF : 10734675455.5/18

-0.233 ± 0.000 χ^2/NDF : 21927587034.5/42

Left In: 0.360 ± 0.000 χ^2/NDF : 10435916382.7/23

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 4669284.8/17

Left Out: 0.076+/-0.000 χ^2/NDF : 2851372.5/24

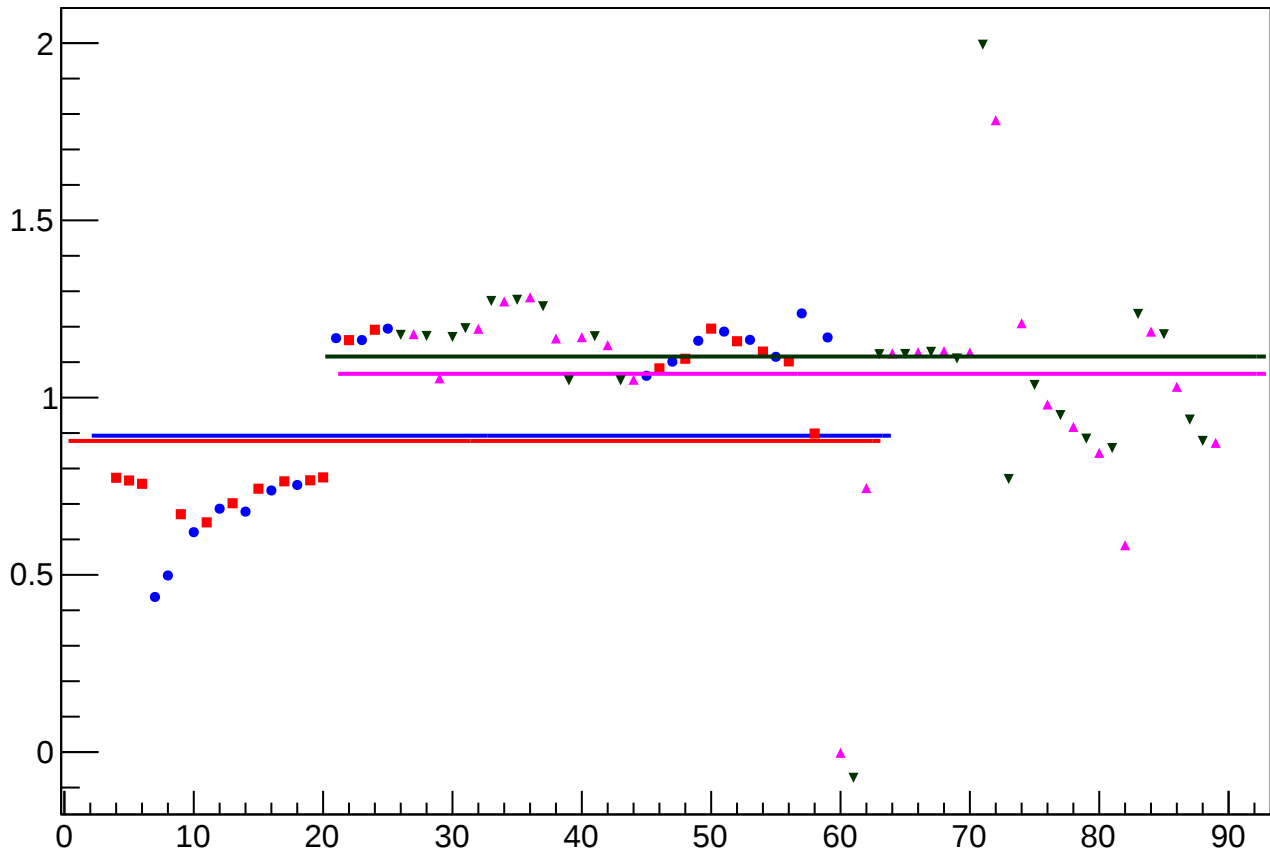
Right Out: 0.015+/-0.000 χ^2/NDF : 4938559.5/18

Left In: 0.066+/-0.000 χ^2/NDF : 4142303.0/23

0.027+/-0.000 χ^2/NDF : 15128565.6/42

0.019+/-0.000 χ^2/NDF : 18623545.8/42

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF : 1629156385.0/17

Left Out: 1.116+/-0.000 χ^2/NDF : 2184867735.3/24

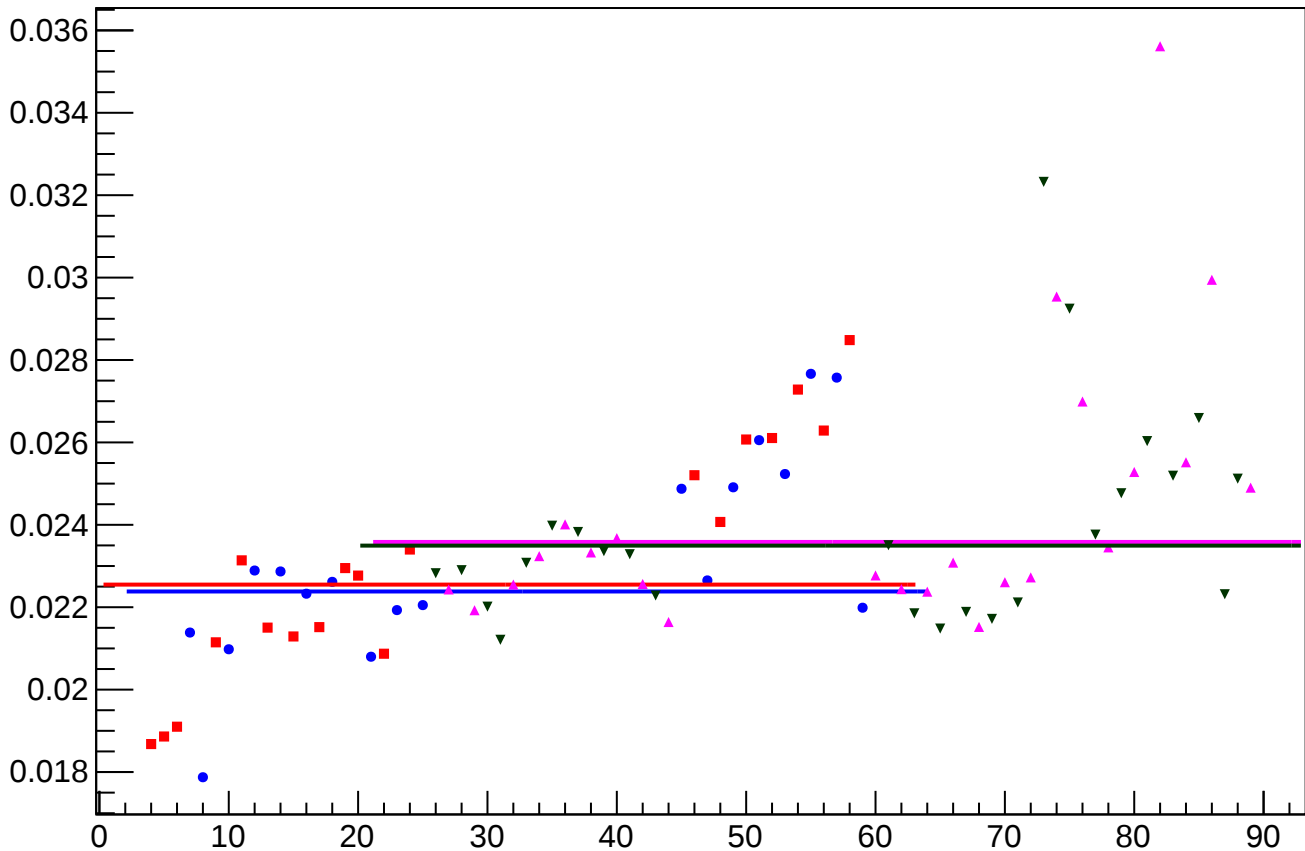
Right Out: 0.878+/-0.000 χ^2/NDF : 761495098.5/18

Left In: 1.067+/-0.000 χ^2/NDF : 1957138227.5/23

1.005+/-0.000 χ^2/NDF : 4352680658.8/42

0.982+/-0.000 χ^2/NDF : 3085162012.6/42

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 :193935.5/24

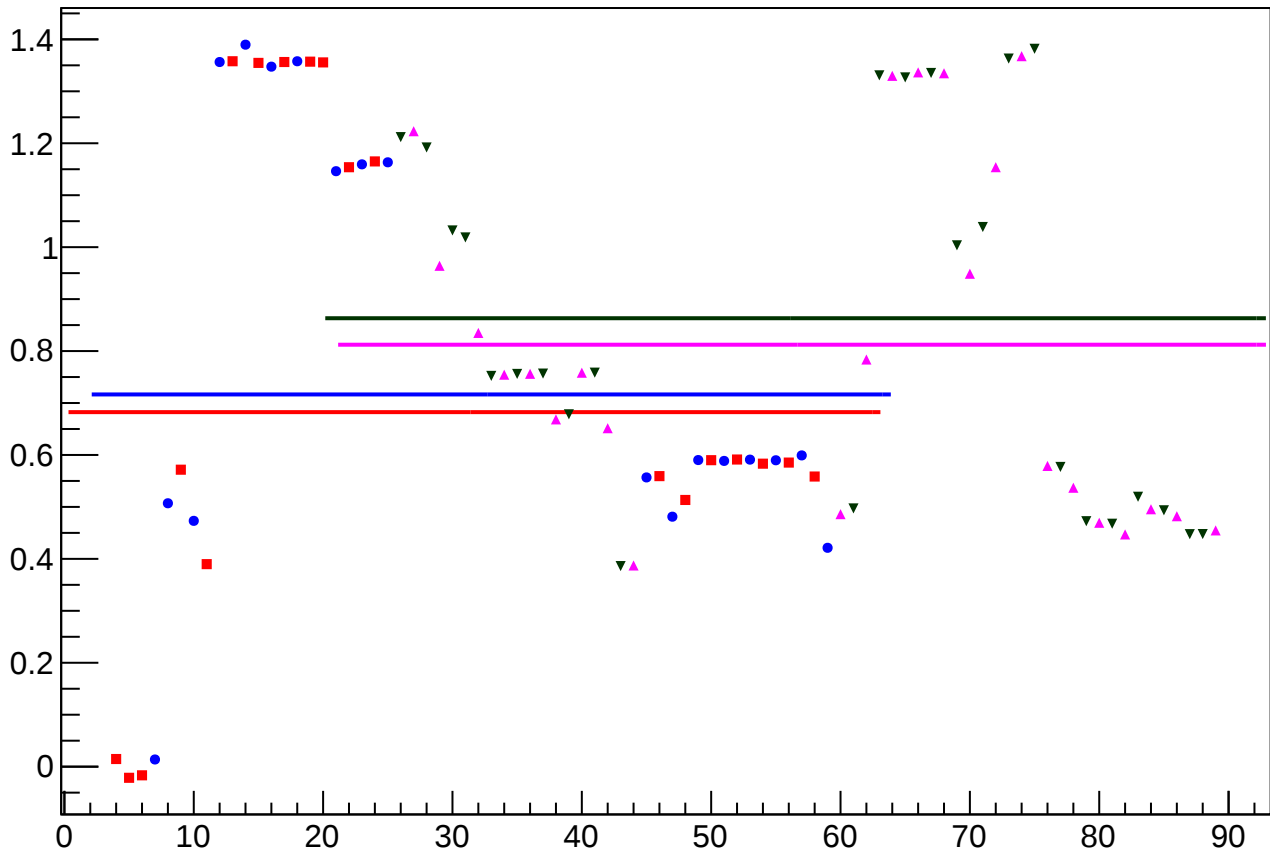
Right Out: 0.023+/-0.000 χ^2/NDF : 246194.4/18

Left In: 0.024+/-0.000 χ^2/NDF :258200.7/23

0.023+/-0.000 χ^2/NDF : 485326.7/42

0.023+/-0.000 χ^2/NDF : 526315.3/42

yield_bpm11Y_mean vs slug



Right In: 0.716+/-0.000 χ^2/NDF : 131330740430.7/17

Left Out: 0.863+/-0.000 χ^2/NDF : 124933832077.9/24

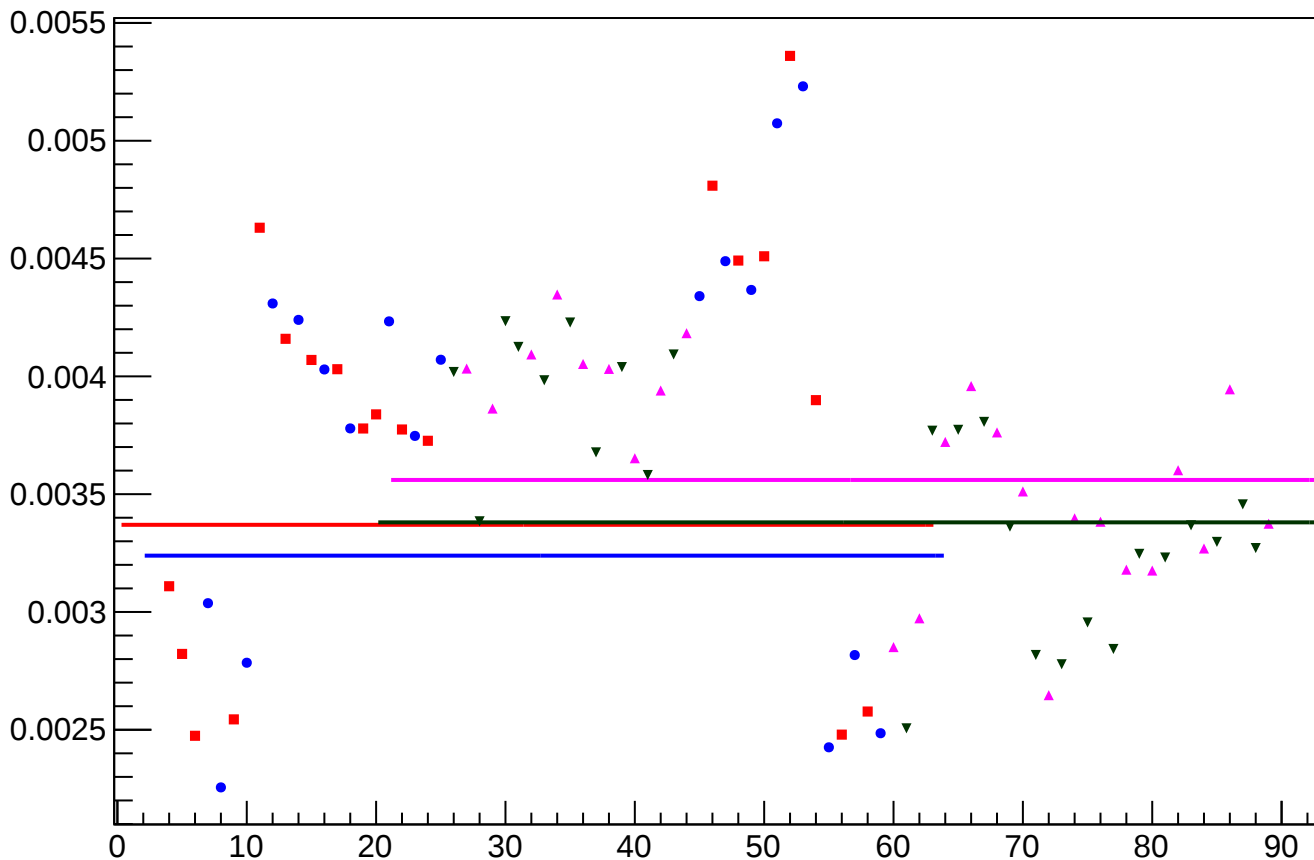
Right Out: 0.682+/-0.000 χ^2/NDF : 168328456976.2/18

Left In: 0.812+/-0.000 χ^2/NDF : 101049343170.5/23

0.793+/-0.000 χ^2/NDF : 266925673727.9/42

0.754+/-0.000 χ^2/NDF : 276744051505.3/42

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 : 495811.7/24

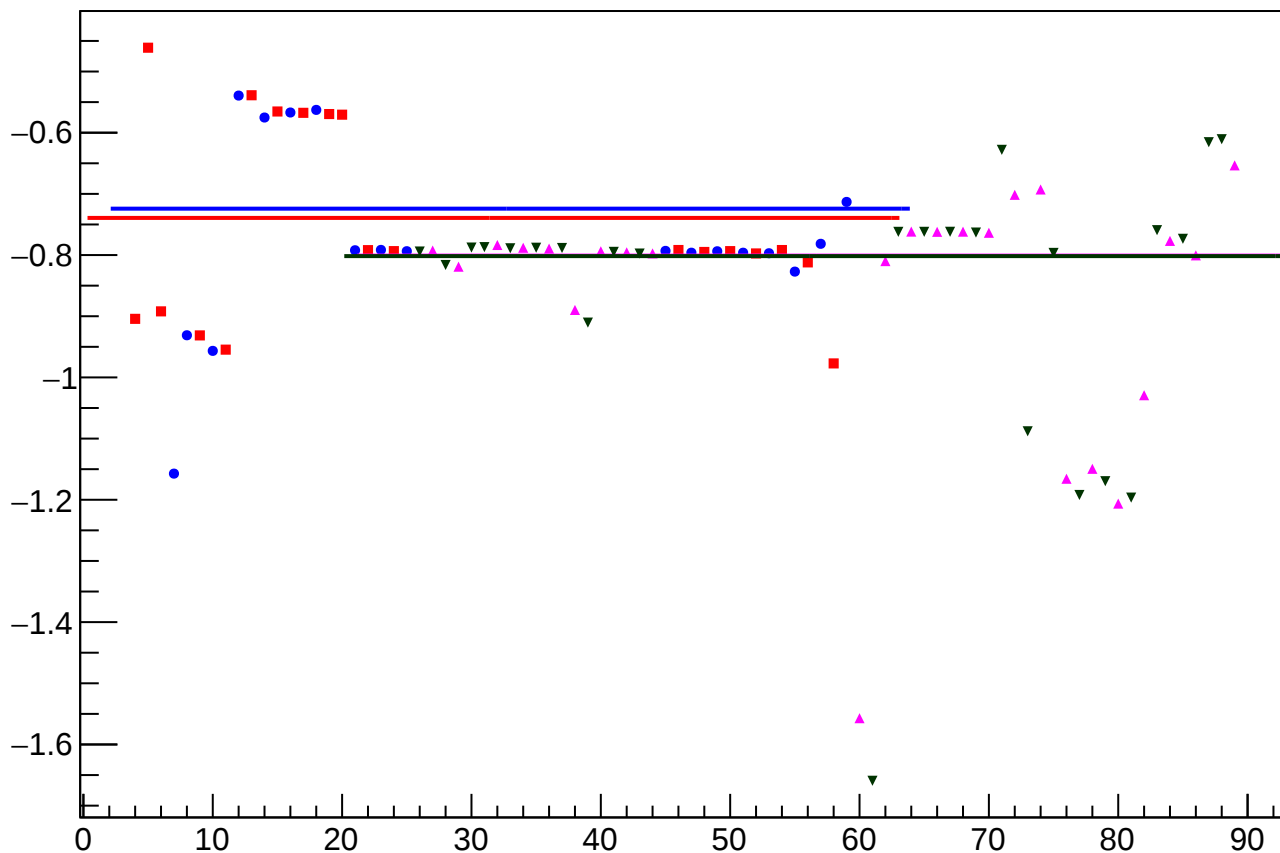
Right Out: 0.003+/-0.000 χ^2/NDF : 1158167.7/18

Left In: 0.004+/-0.000 χ^2/NDF : 407707.7/23

0.003+/-0.000 χ^2/NDF : 2068392.4/42

0.003+/-0.000 χ^2/NDF : 1597597.4/42

yield_bpm12X_mean vs slug



Right In: -0.724 ± 0.000 χ^2/NDF : 2243966662.4/17

Left Out: -0.802 ± 0.000 χ^2/NDF : 1029063300.2/24

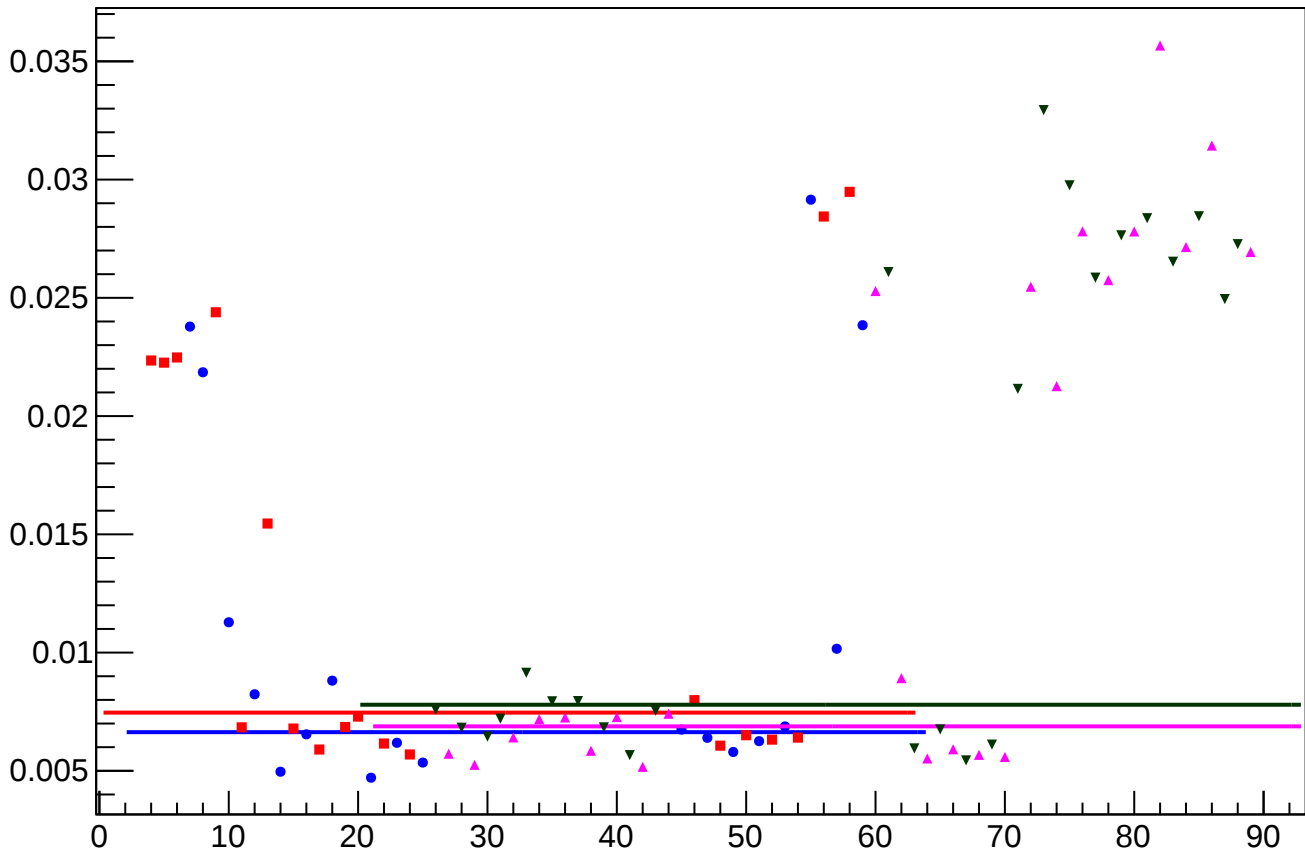
Right Out: -0.739 ± 0.000 χ^2/NDF : 1945829237.2/18

Left In: -0.801 ± 0.000 χ^2/NDF : 975087354.0/23

-0.758 ± 0.000 χ^2/NDF : 3698873267.7/42

-0.776 ± 0.000 χ^2/NDF : 3175435760.1/42

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 : 5527191.7/24

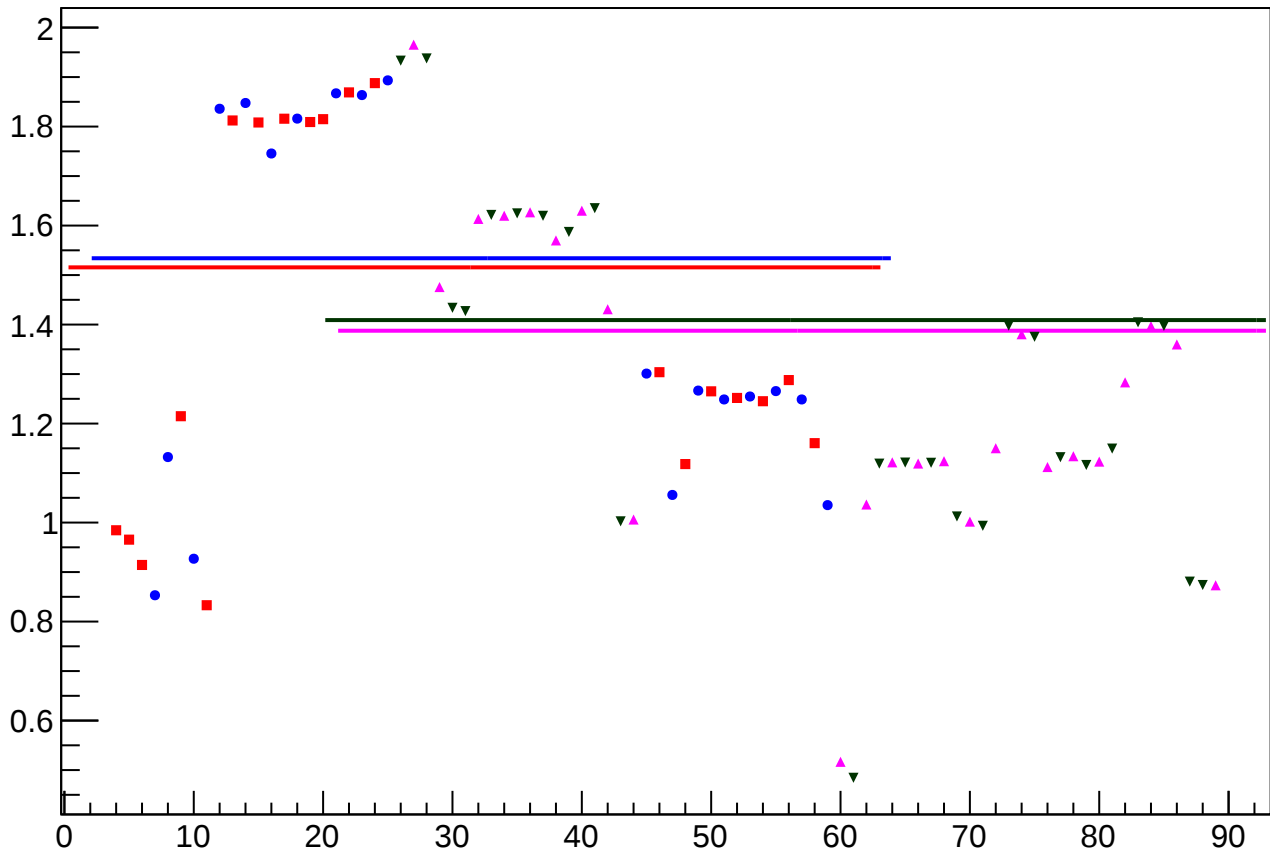
Right Out: 0.007+/-0.000 χ^2/NDF : 3478880.3/18

Left In: 0.007+/-0.000 χ^2/NDF : 5860331.5/23

0.007+/-0.000 χ^2/NDF : 9064936.7/42

0.007+/-0.000 χ^2/NDF : 9384468.5/42

yield_bpm12Y_mean vs slug



Right In: 1.534+/-0.000 χ^2/NDF : 22395382646.2/17

Left Out: 1.409+/-0.000 χ^2/NDF :19220528879.8/24

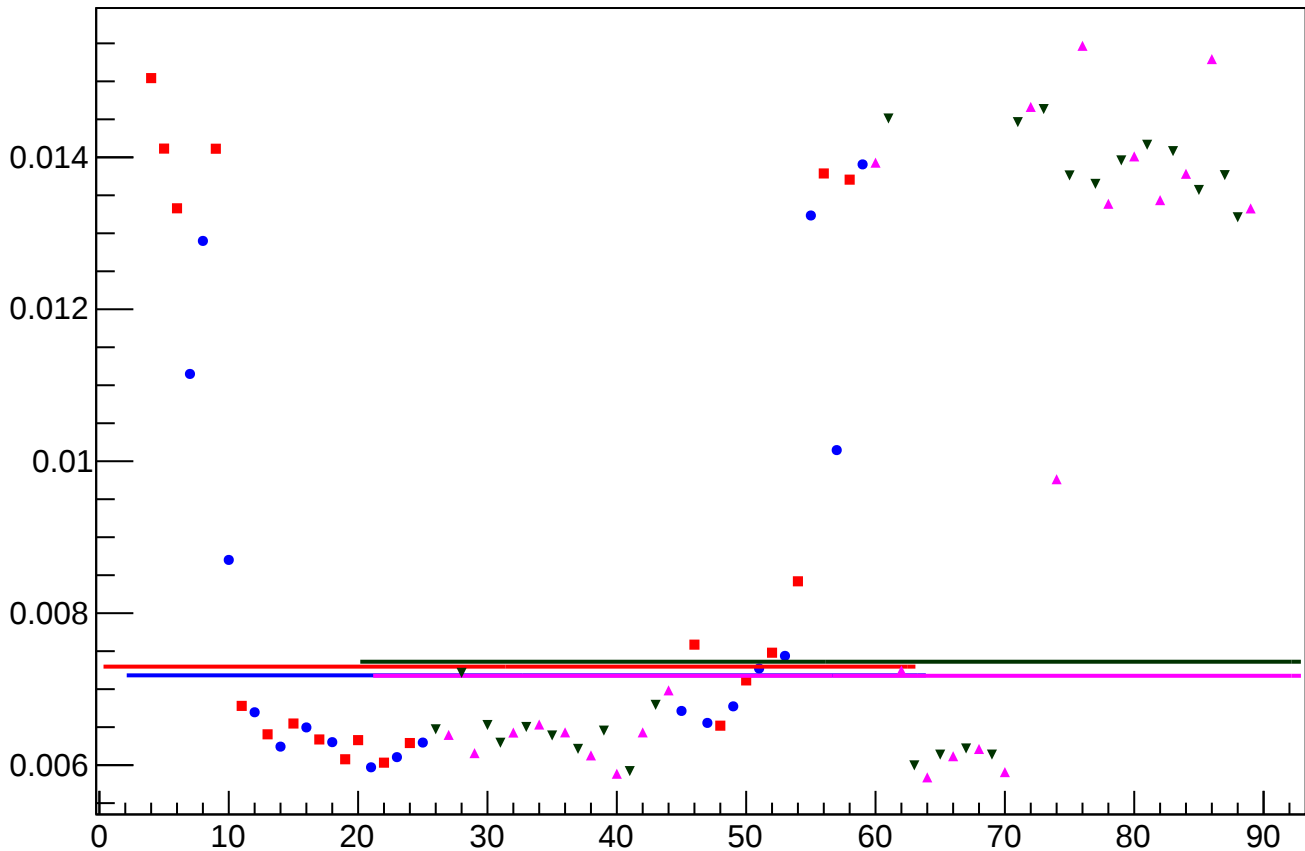
1.471+/-0.000 χ^2/NDF : 43105084431.7/42

Right Out: 1.516+/-0.000 χ^2/NDF : 21754735470.0/18

1.442+/-0.000 χ^2/NDF : 43803489441.2/42

Left In: 1.388+/-0.000 χ^2/NDF :20546153810.3/23

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 1305539.8/17

Left Out: 0.007+/-0.000 χ^2/NDF : 2573973.7/24

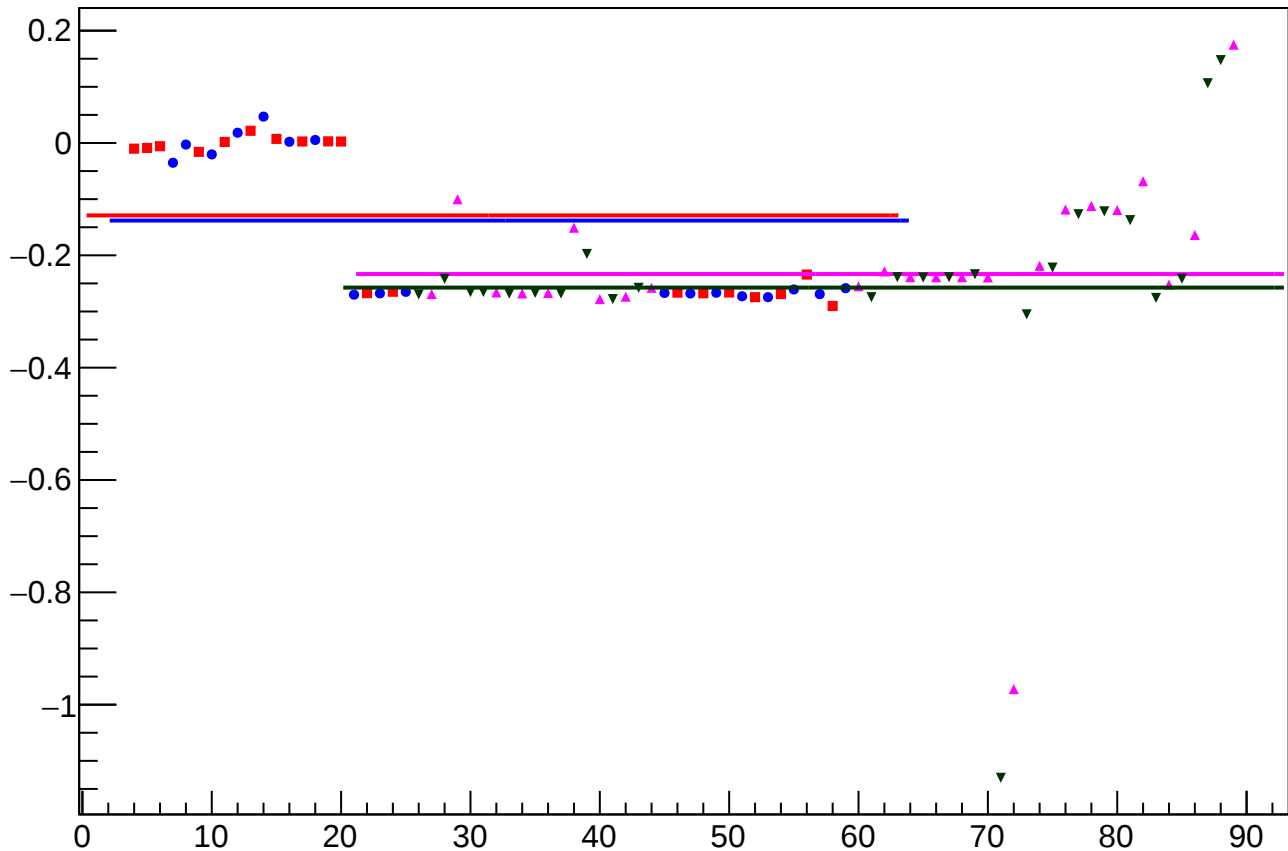
Right Out: 0.007+/-0.000 χ^2/NDF : 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 2560945.2/23

0.007+/-0.000 χ^2/NDF : 3885658.0/42

0.007+/-0.000 χ^2/NDF : 4021466.1/42

yield_bpm16X_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 7275574194.7/17

Left Out: -0.257+/-0.000 χ^2/NDF : 7175386380.5/24

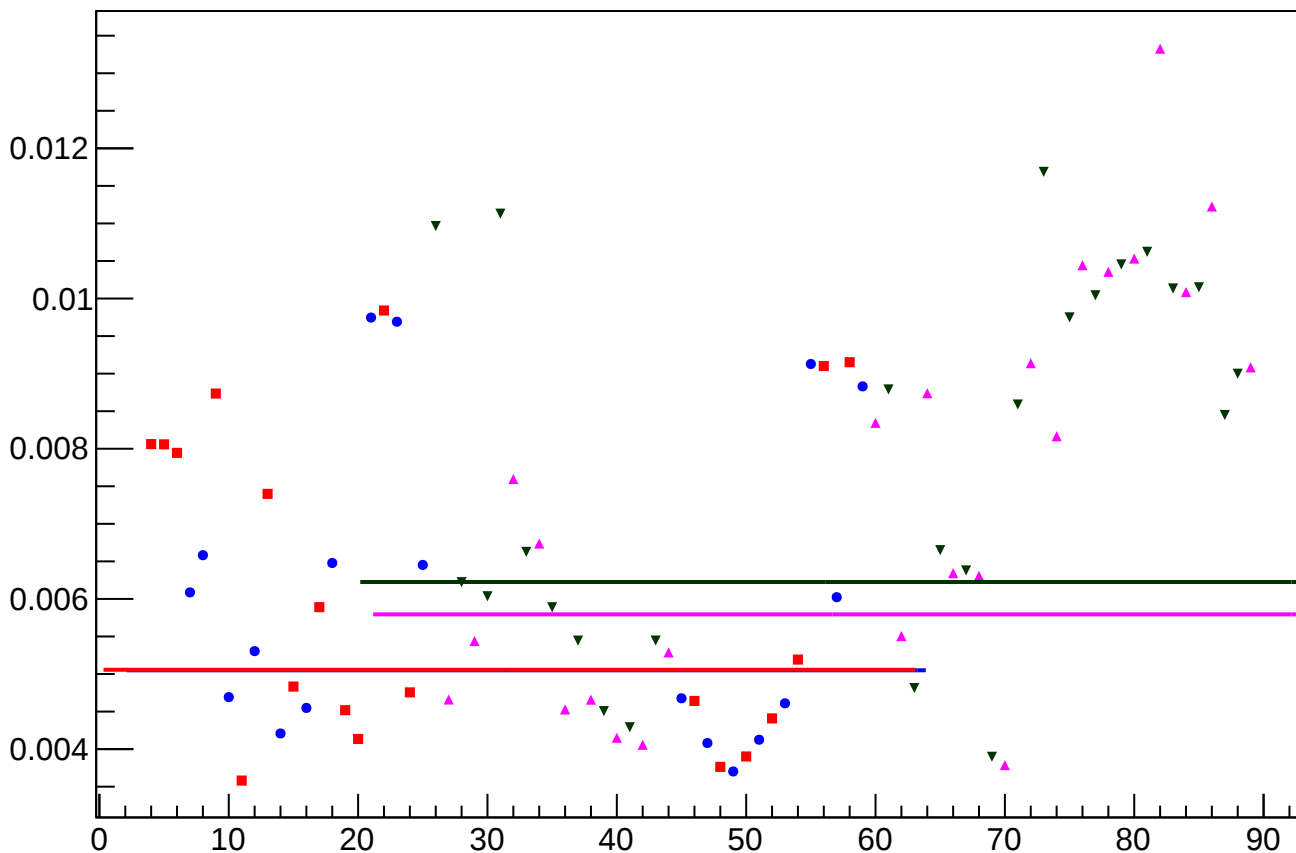
Right Out: -0.129+/-0.000 χ^2/NDF : 5878929515.5/18

Left In: -0.233+/-0.000 χ^2/NDF : 4777589217.1/23

-0.189+/-0.000 χ^2/NDF : 16663093219.2/42

-0.181+/-0.000 χ^2/NDF : 12411330508.1/42

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 :2512150.0/24

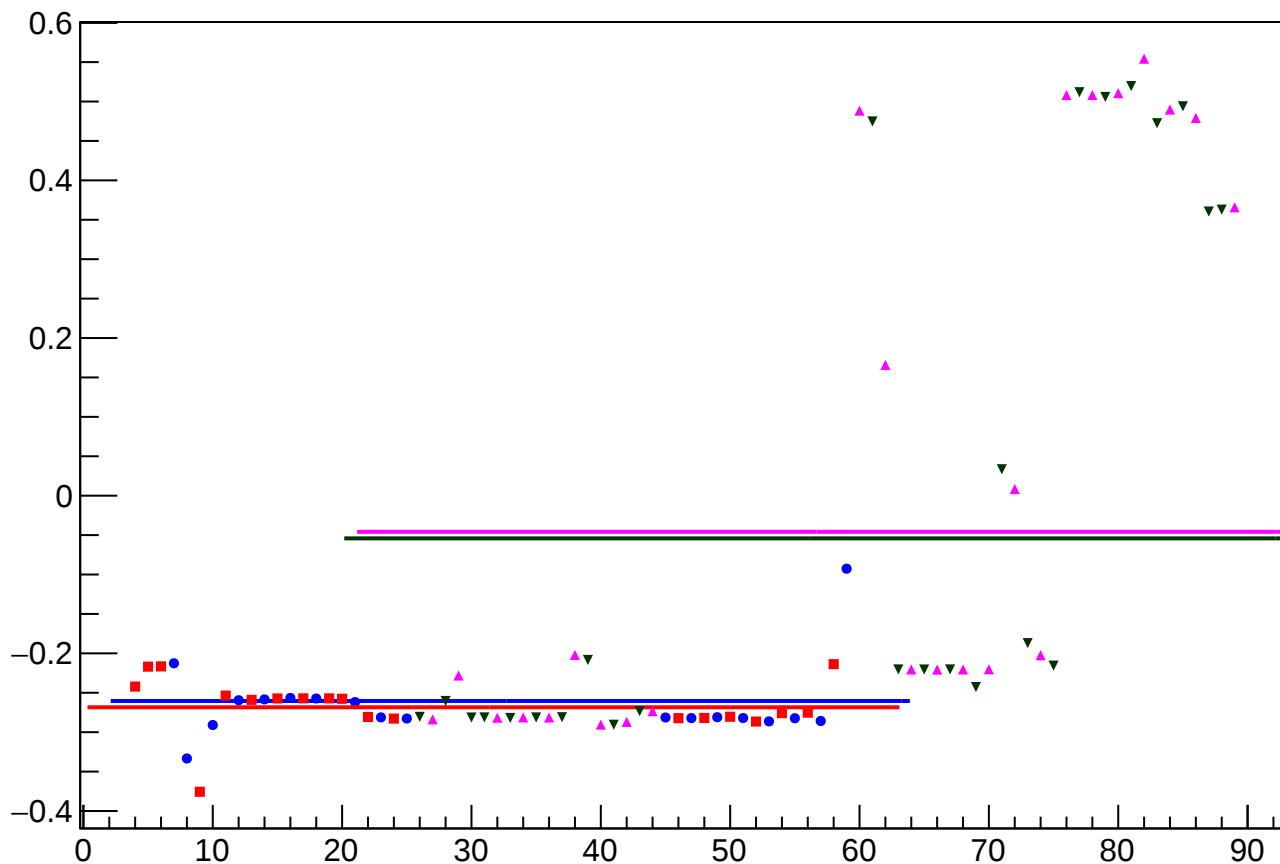
Right Out: 0.005+/-0.000 χ^2/NDF : 1822469.4/18

Left In: 0.006+/-0.000 χ^2/NDF :2777297.5/23

0.006+/-0.000 χ^2/NDF : 4605922.1/42

0.005+/-0.000 χ^2/NDF : 4774972.5/42

yield_bpm16Y_mean vs slug



Right In: -0.260+/-0.000 χ^2/NDF : 6878369368.1/17

Left Out: -0.054+/-0.000 χ^2/NDF : 148071617187.0/24

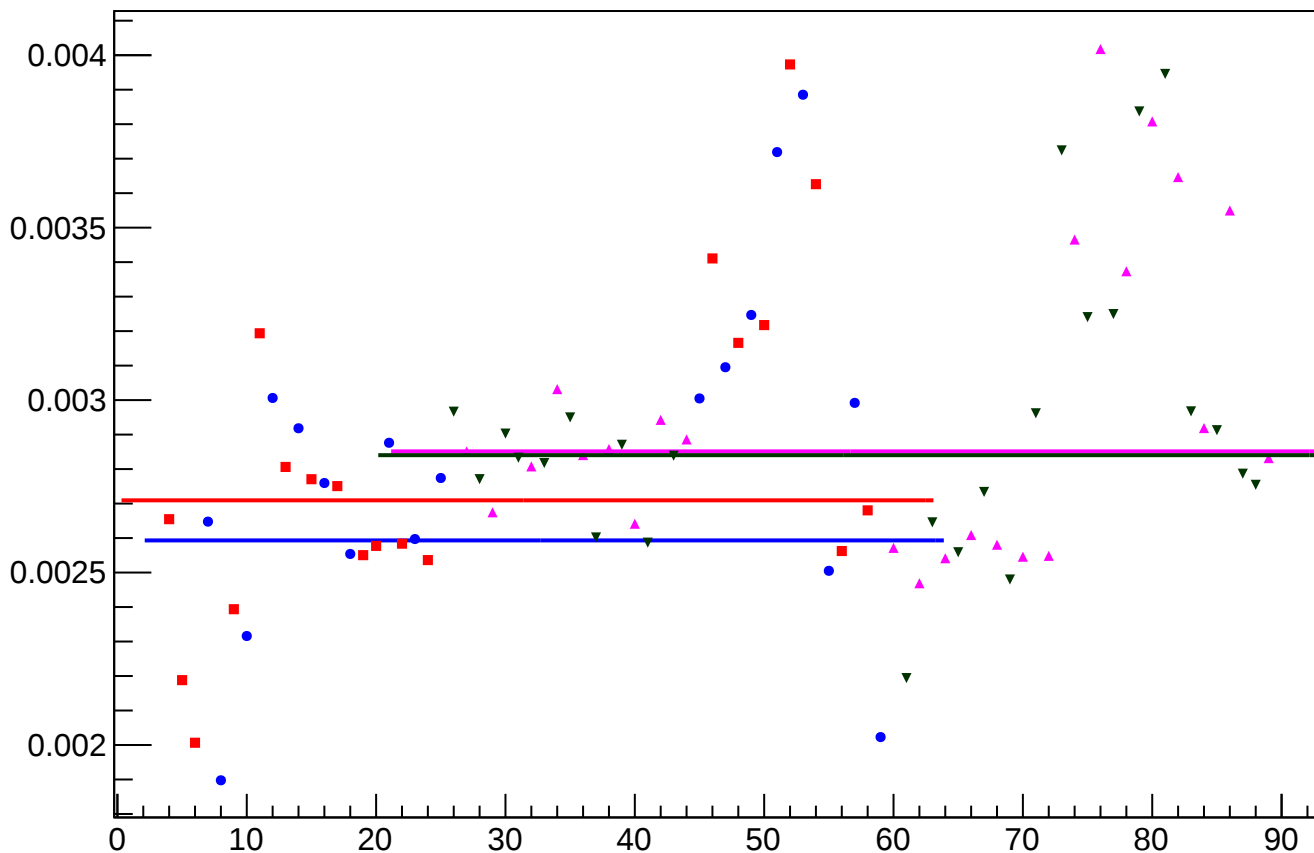
Right Out: -0.268+/-0.000 χ^2/NDF : 2185355194.4/18

Left In: -0.046+/-0.000 χ^2/NDF : 150986511803.1/23

-0.160+/-0.000 χ^2/NDF : 187228069718.1/42

-0.147+/-0.000 χ^2/NDF : 187751670782.4/42

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 : 373477.8/24

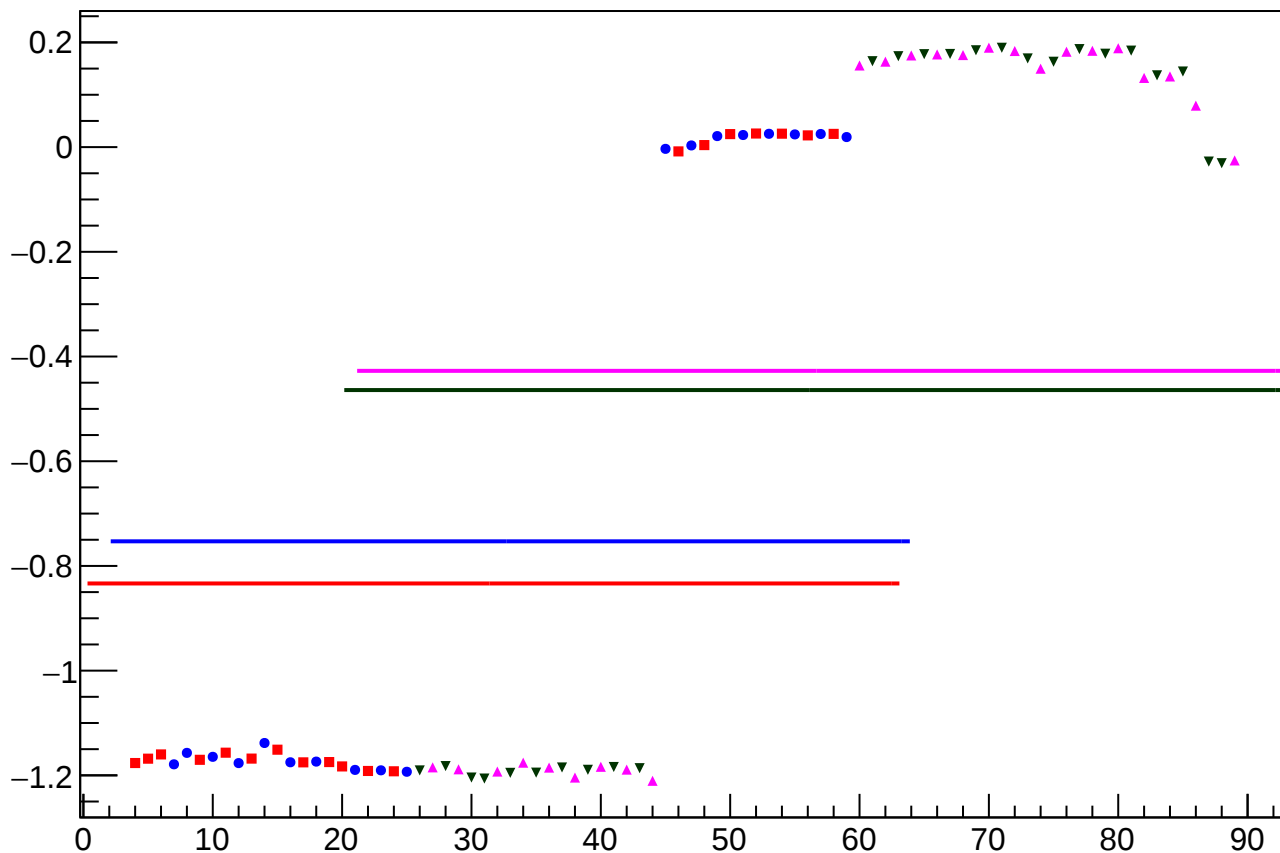
Right Out: 0.003+/-0.000 χ^2/NDF : 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF : 401214.7/23

0.003+/-0.000 χ^2/NDF : 1240266.0/42

0.003+/-0.000 χ^2/NDF : 905579.4/42

yield_bpm2i01X_mean vs slug



Right In: -0.753+/-0.000 χ^2/NDF : 63524502695.2/17

Left Out: -0.464+/-0.000 χ^2/NDF : 79540402281.6/24

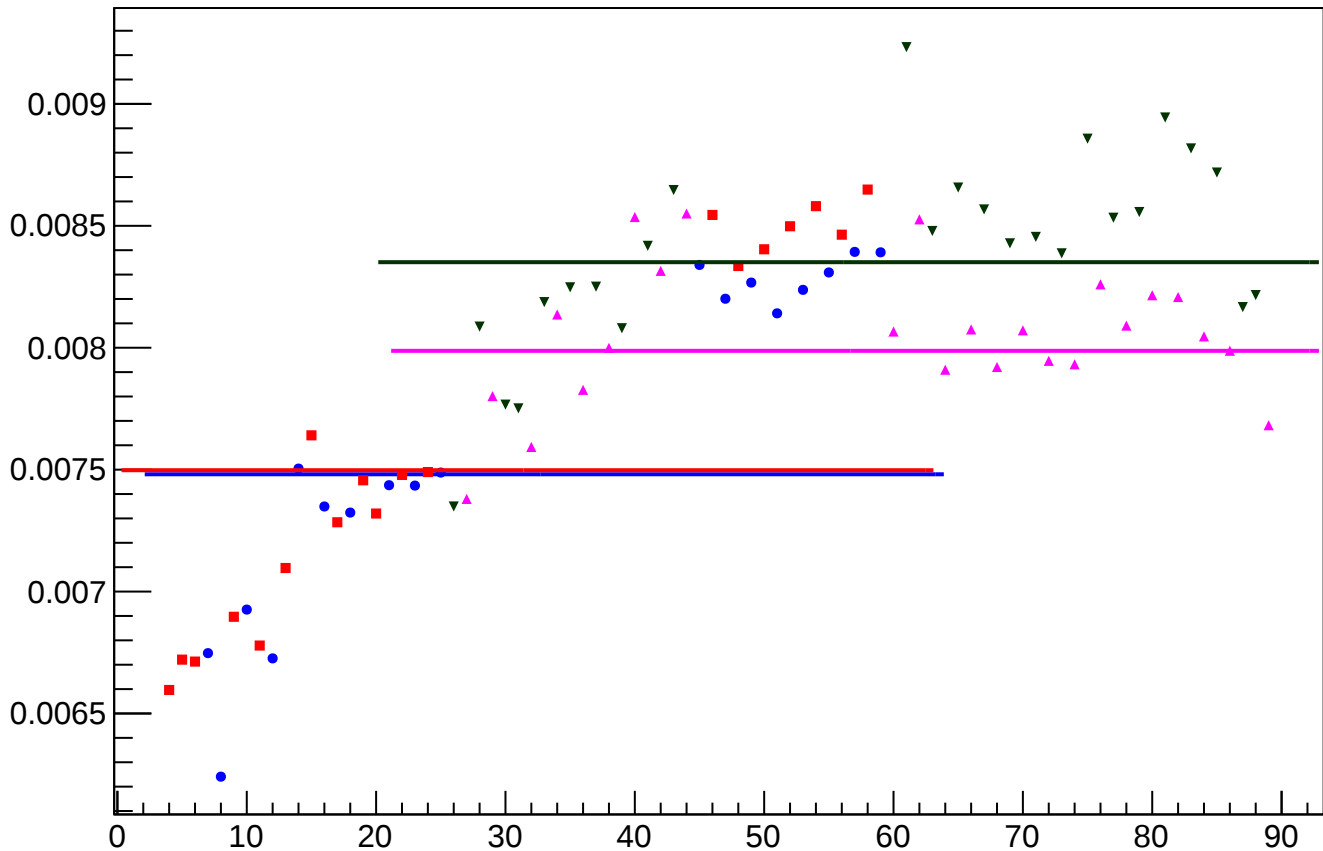
Right Out: -0.833+/-0.000 χ^2/NDF : 50332816661.3/18

Left In: -0.427+/-0.000 χ^2/NDF : 90899566421.9/23

-0.617+/-0.000 χ^2/NDF : 150845421951.1/42

-0.614+/-0.000 χ^2/NDF : 156841670613.7/42

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 :56619.4/24

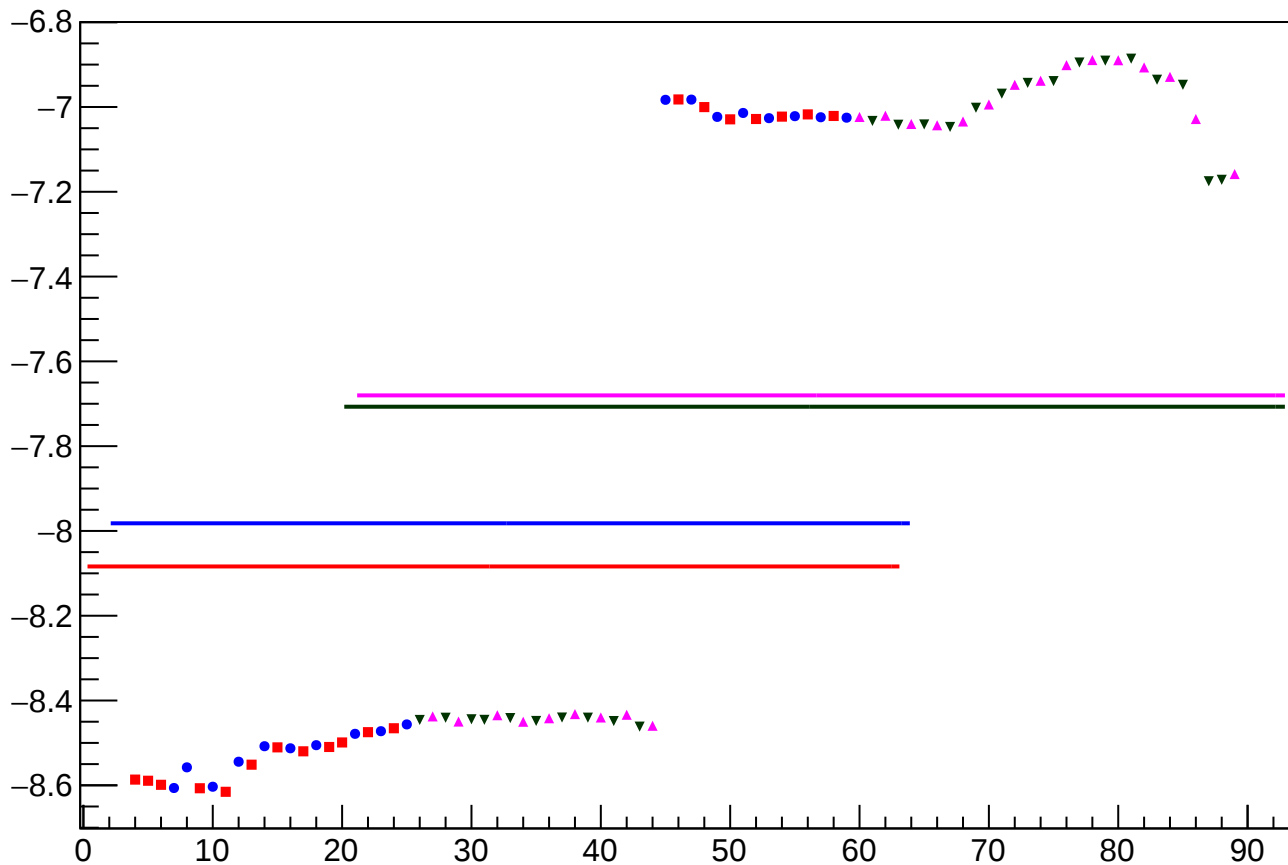
0.008+/-0.000 χ^2/NDF : 393749.5/42

Right Out: 0.007+/-0.000 χ^2/NDF : 167417.2/18

0.008+/-0.000 χ^2/NDF : 249175.6/42

Left In: 0.008+/-0.000 χ^2/NDF :36386.3/23

yield_bpm2i01Y_mean vs slug



Right In: -7.982+/-0.000 χ^2/NDF : 116524136897.0/17

Left Out: -7.707+/-0.000 χ^2/NDF : 112684175955.5/24

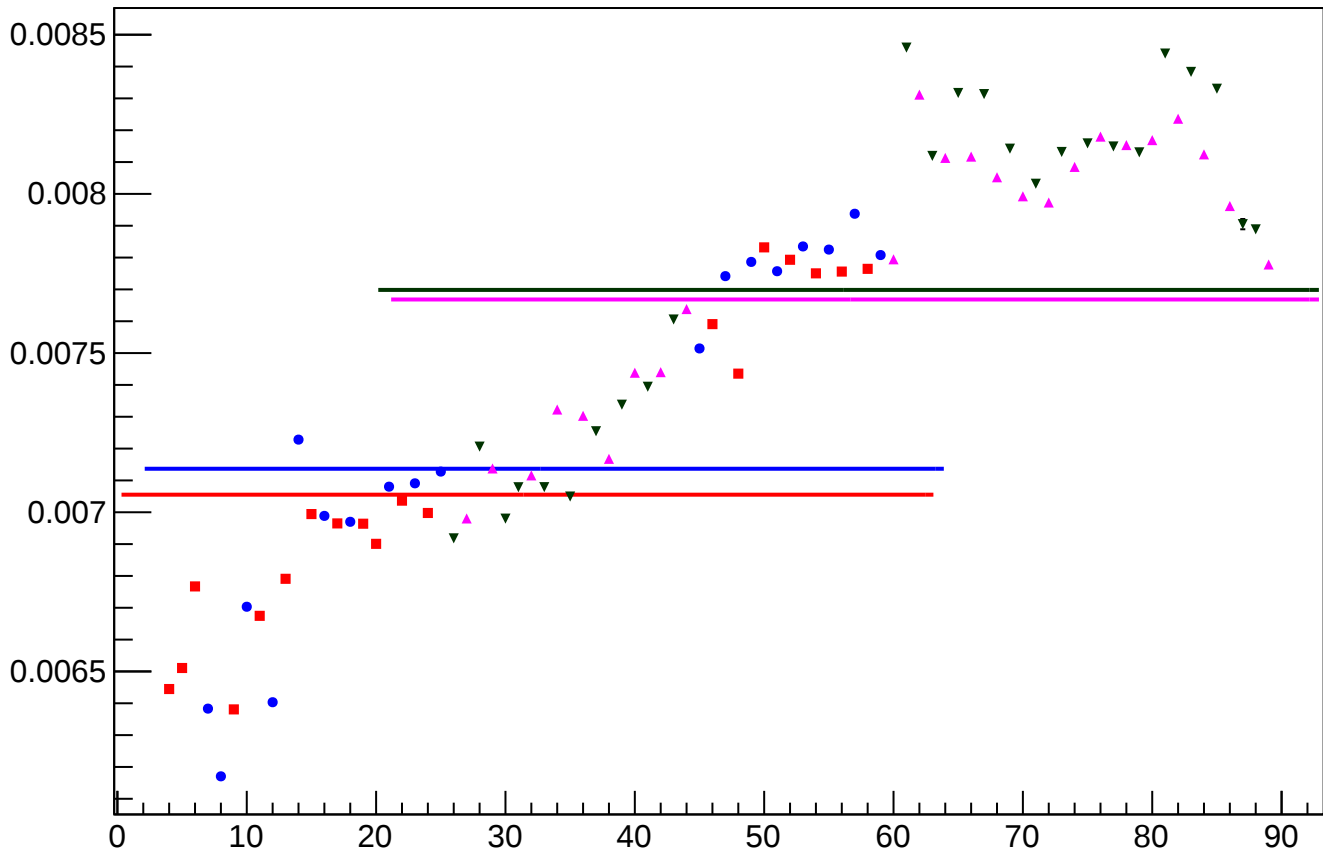
-7.847+/-0.000 χ^2/NDF : 237308385170.6/42

Right Out: -8.084+/-0.000 χ^2/NDF : 99506540389.5/18

-7.870+/-0.000 χ^2/NDF : 236963864446.0/42

Left In: -7.680+/-0.000 χ^2/NDF : 120235478193.0/23

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 :120972.3/24

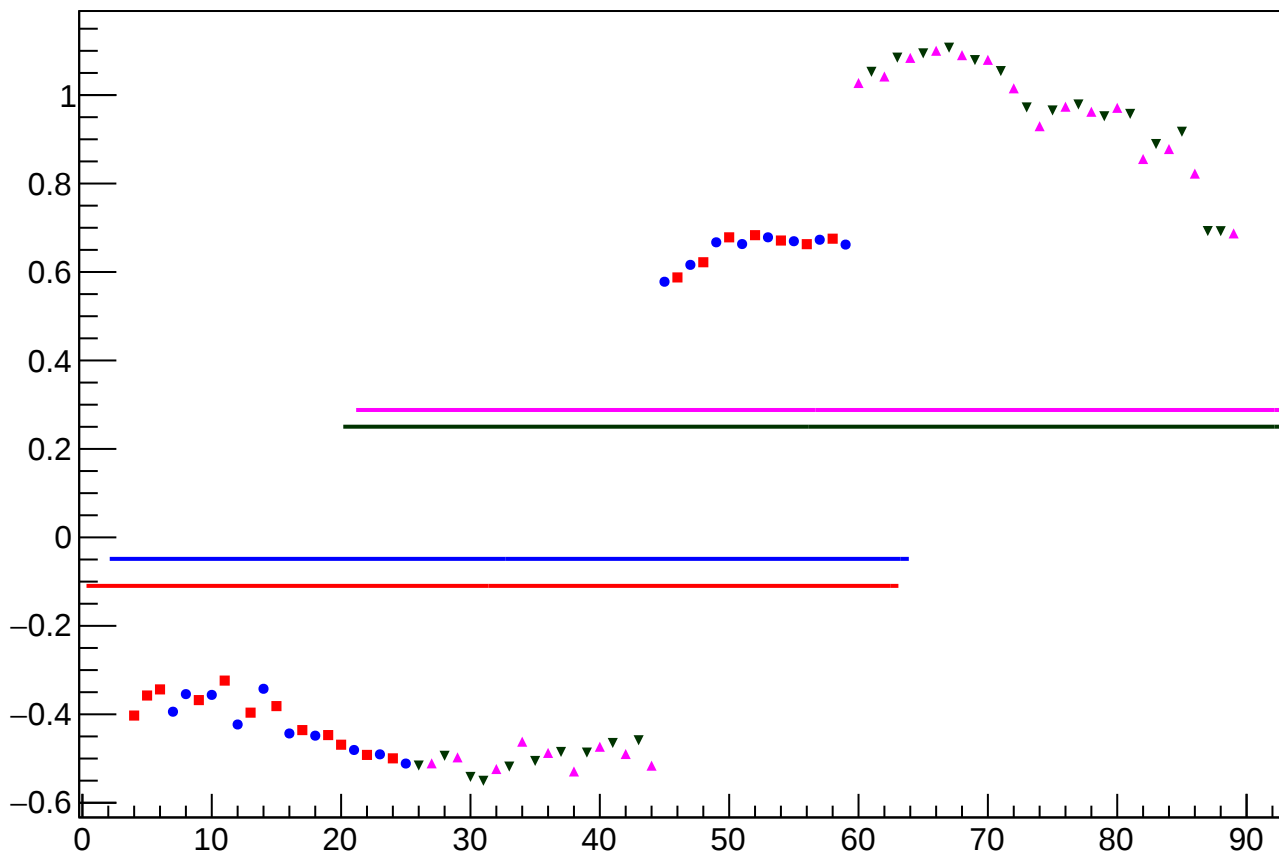
Right Out: 0.007+/-0.000 χ^2/NDF : 88863.4/18

Left In: 0.008+/-0.000 χ^2/NDF :90554.5/23

0.007+/-0.000 χ^2/NDF : 329957.9/42

0.007+/-0.000 χ^2/NDF : 258937.6/42

yield_bpm2i02X_mean vs slug



Right In: -0.049+/-0.000 χ^2/NDF : 7806391272.8/17

Left Out: 0.250+/-0.000 χ^2/NDF :14419169634.6/24

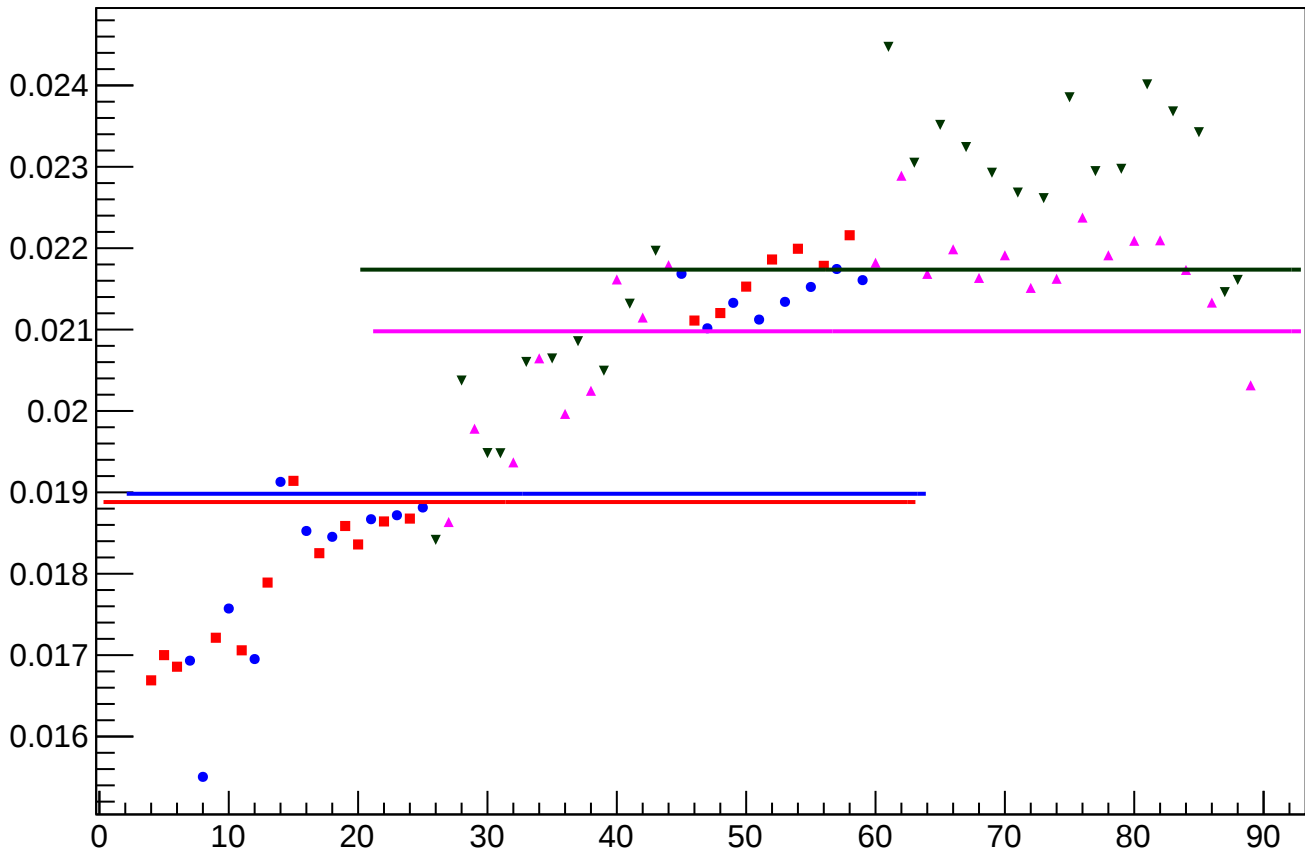
Right Out: -0.110+/-0.000 χ^2/NDF : 6259069670.0/18

Left In: 0.288+/-0.000 χ^2/NDF :16210173206.9/23

0.088+/-0.000 χ^2/NDF : 23481784973.2/42

0.097+/-0.000 χ^2/NDF : 24737092510.7/42

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 :139056.5/24

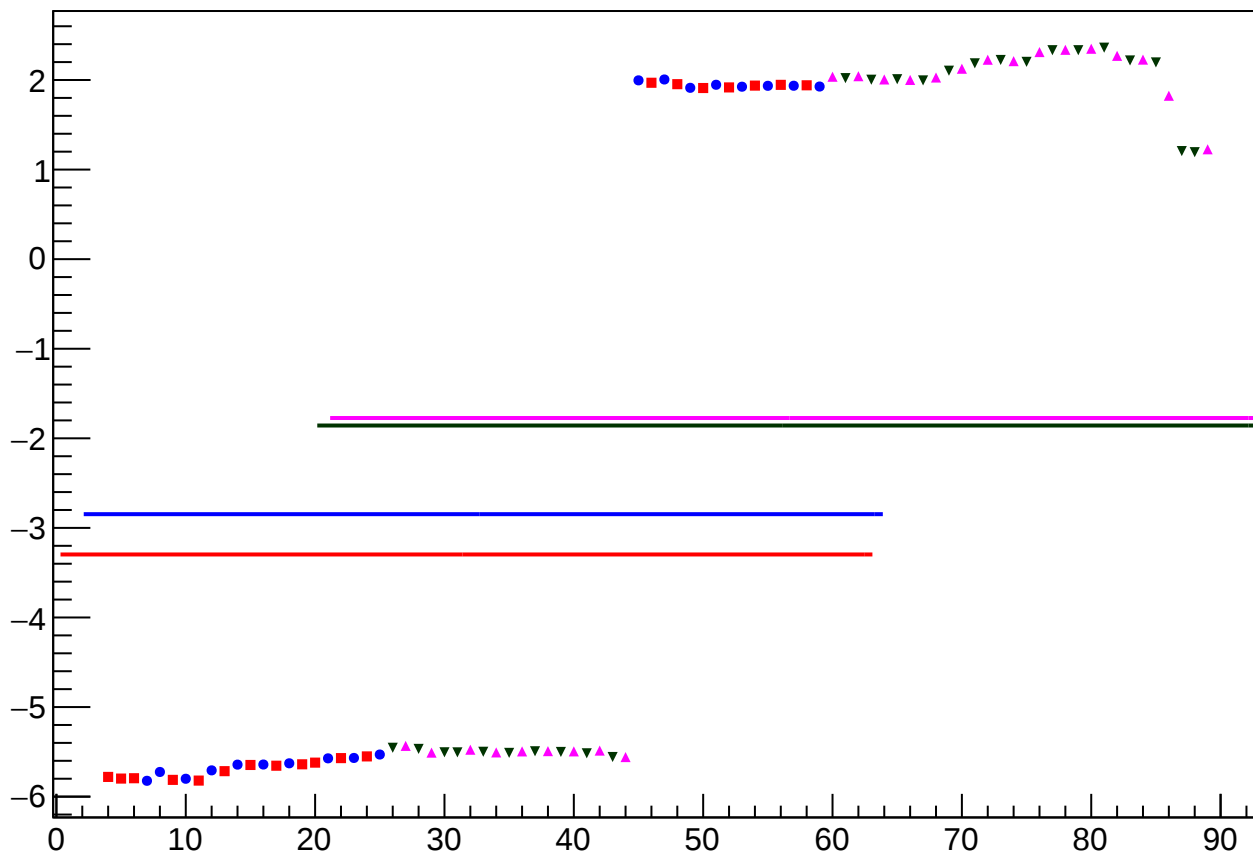
Right Out: 0.019+/-0.000 χ^2/NDF : 190553.3/18

Left In: 0.021+/-0.000 χ^2/NDF :81019.0/23

0.020+/-0.000 χ^2/NDF : 607345.2/42

0.020+/-0.000 χ^2/NDF : 397802.2/42

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF : 988085675921.2/17

Left Out: -1.857+/-0.000 χ^2/NDF : 1029114671282.8/24

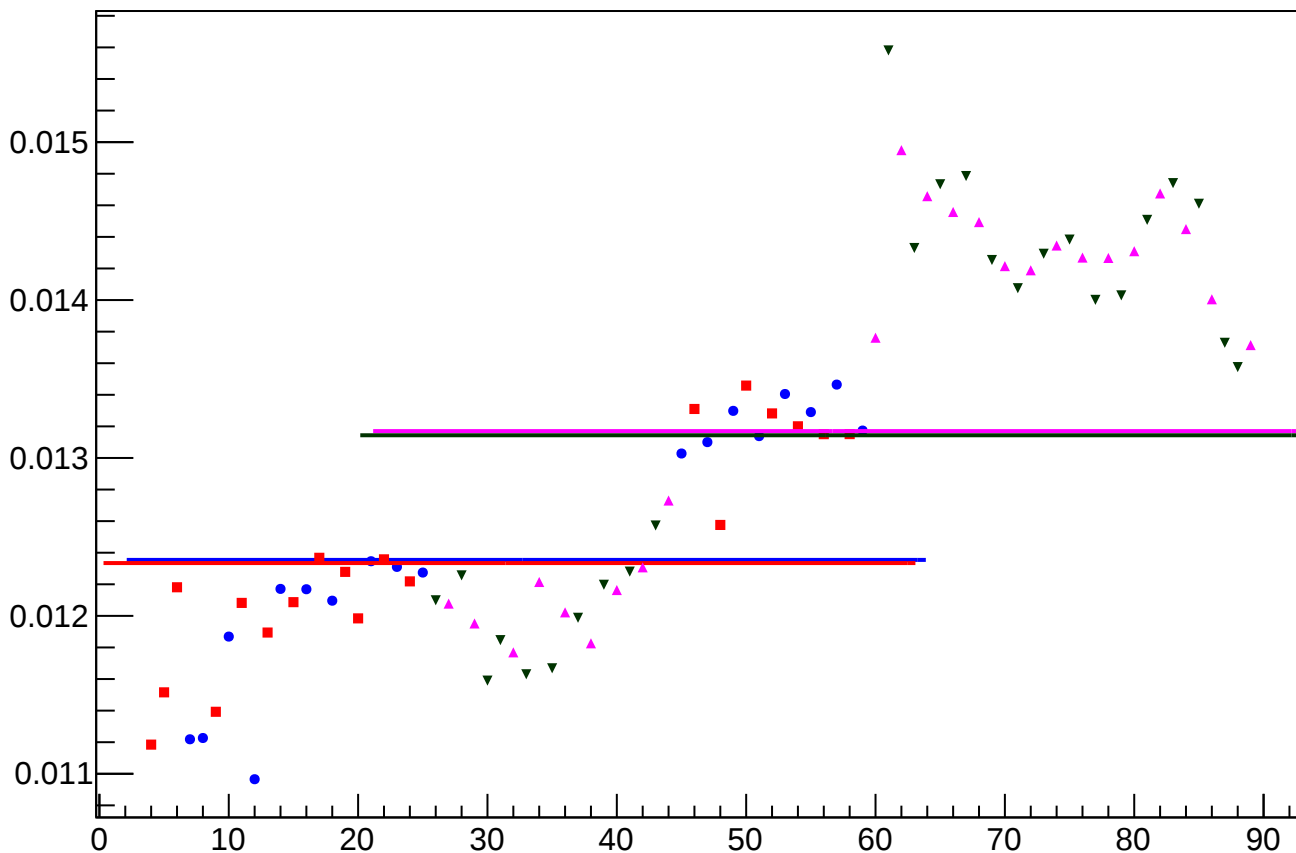
Right Out: -3.297+/-0.000 χ^2/NDF : 819050975647.4/18

Left In: -1.773+/-0.000 χ^2/NDF : 1090343008809.1/23

-2.357+/-0.000 χ^2/NDF : 2052532119099.3/42

-2.475+/-0.000 χ^2/NDF : 1990580266672.7/42

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 89844.3/17

Left Out: 0.013+/-0.000 χ^2/NDF :218135.5/24

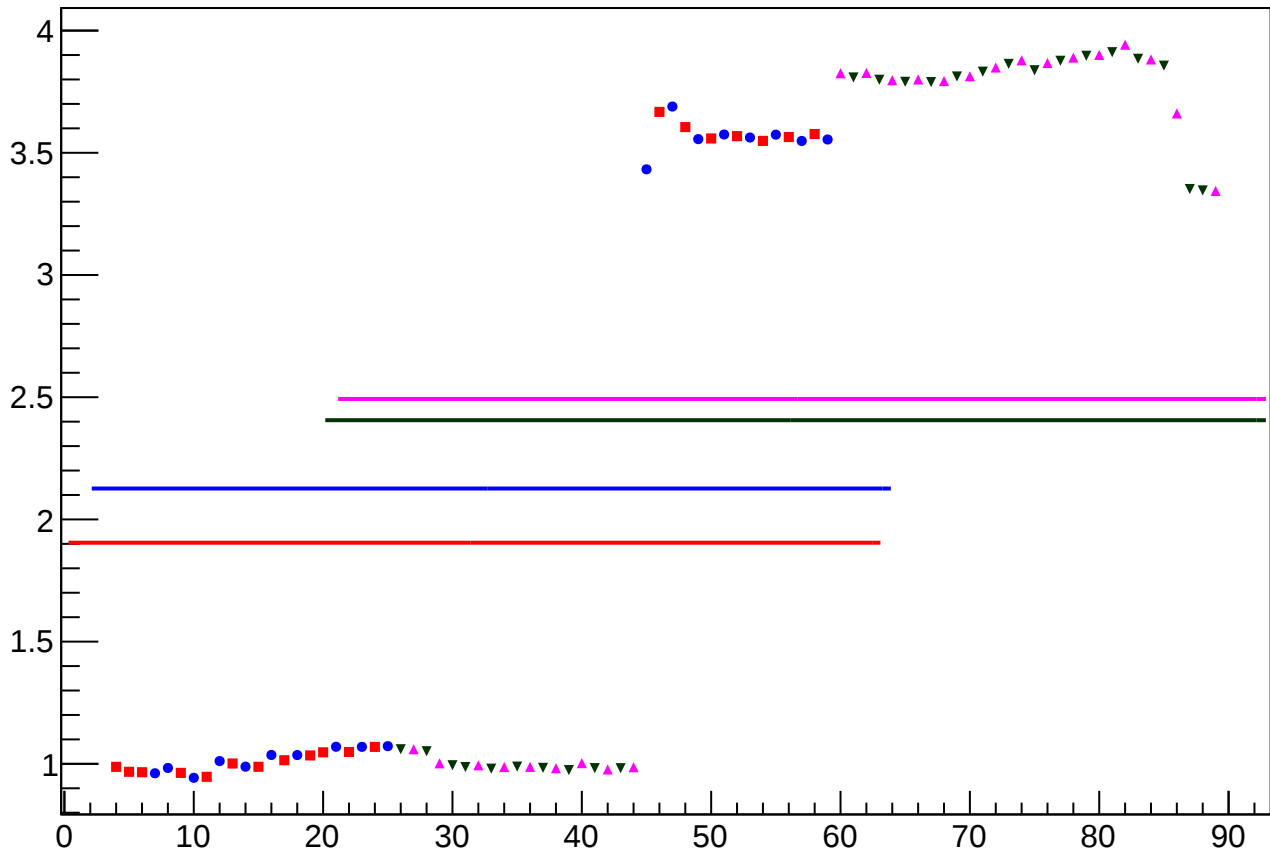
Right Out: 0.012+/-0.000 χ^2/NDF : 54886.5/18

Left In: 0.013+/-0.000 χ^2/NDF :202912.7/23

0.013+/-0.000 χ^2/NDF : 352933.4/42

0.013+/-0.000 χ^2/NDF : 306672.6/42

yield_bpm1i04X_mean vs slug



Right In: 2.126 $\pm$ 0.000 χ^2/NDF : 292632575878.4/17

Left Out: 2.406 $\pm$ 0.000 χ^2/NDF : 377188205274.1/24

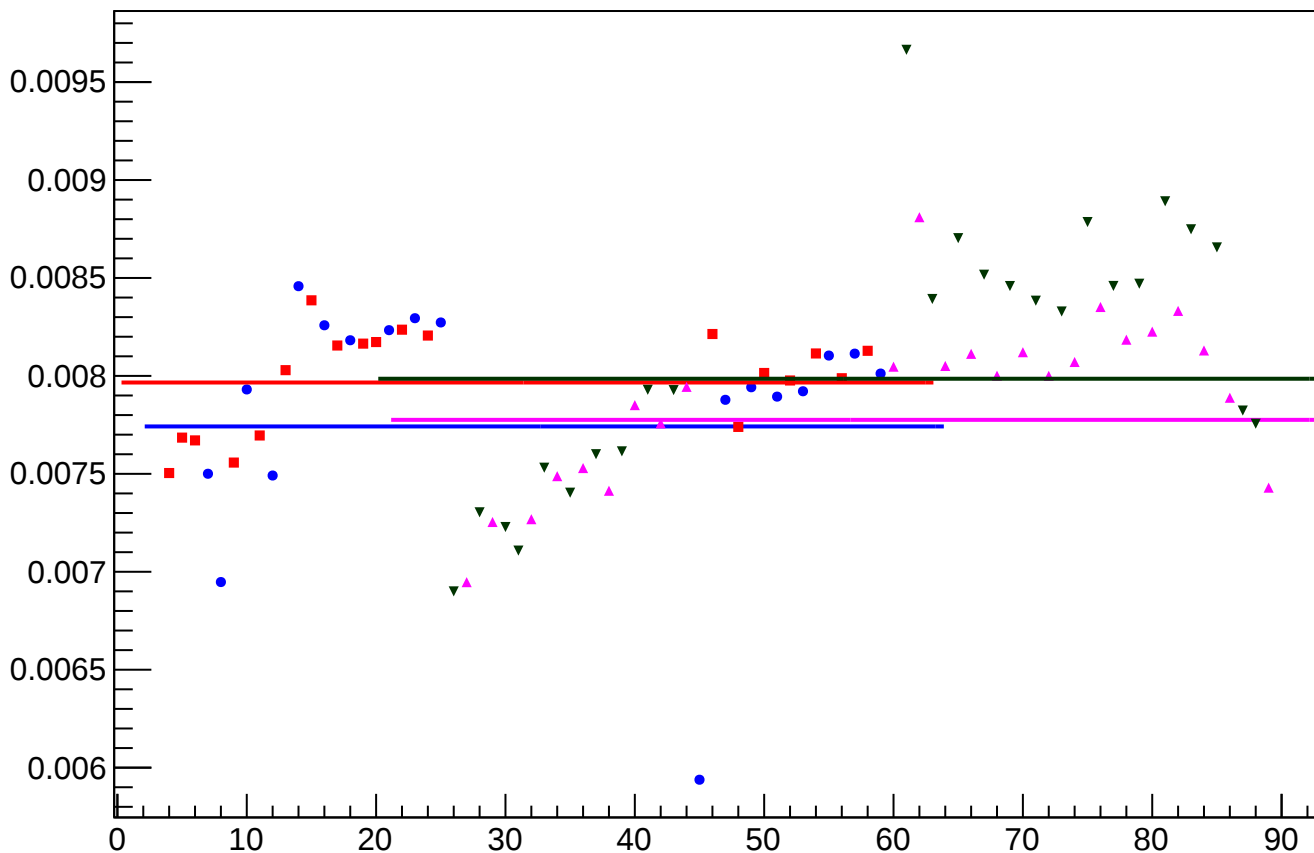
Right Out: 1.905 $\pm$ 0.000 χ^2/NDF : 236022966001.2/18

Left In: 2.493 $\pm$ 0.000 χ^2/NDF : 424143044836.8/23

2.269 $\pm$ 0.000 χ^2/NDF : 677161503815.5/42

2.247 $\pm$ 0.000 χ^2/NDF : 691424610544.2/42

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 :158388.3/24

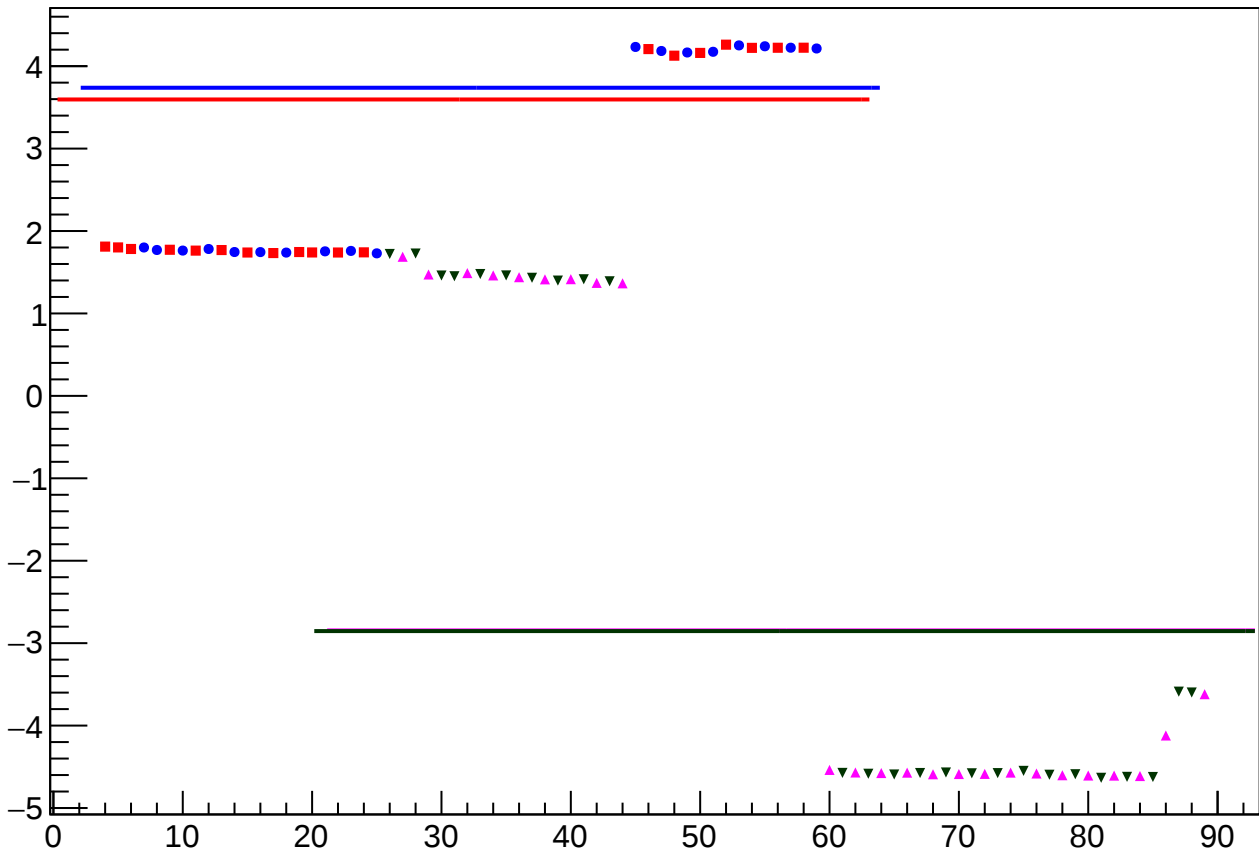
Right Out: 0.008+/-0.000 χ^2/NDF : 20073.5/18

Left In: 0.008+/-0.000 χ^2/NDF :87303.4/23

0.008+/-0.000 χ^2/NDF : 348442.3/42

0.008+/-0.000 χ^2/NDF : 113946.2/42

yield_bpm1i04Y_mean vs slug



Right In: 3.738+/-0.000 χ^2/NDF : 502669373965.6/17

Left Out: -2.854+/-0.000 χ^2/NDF : 4105891701691.0/24

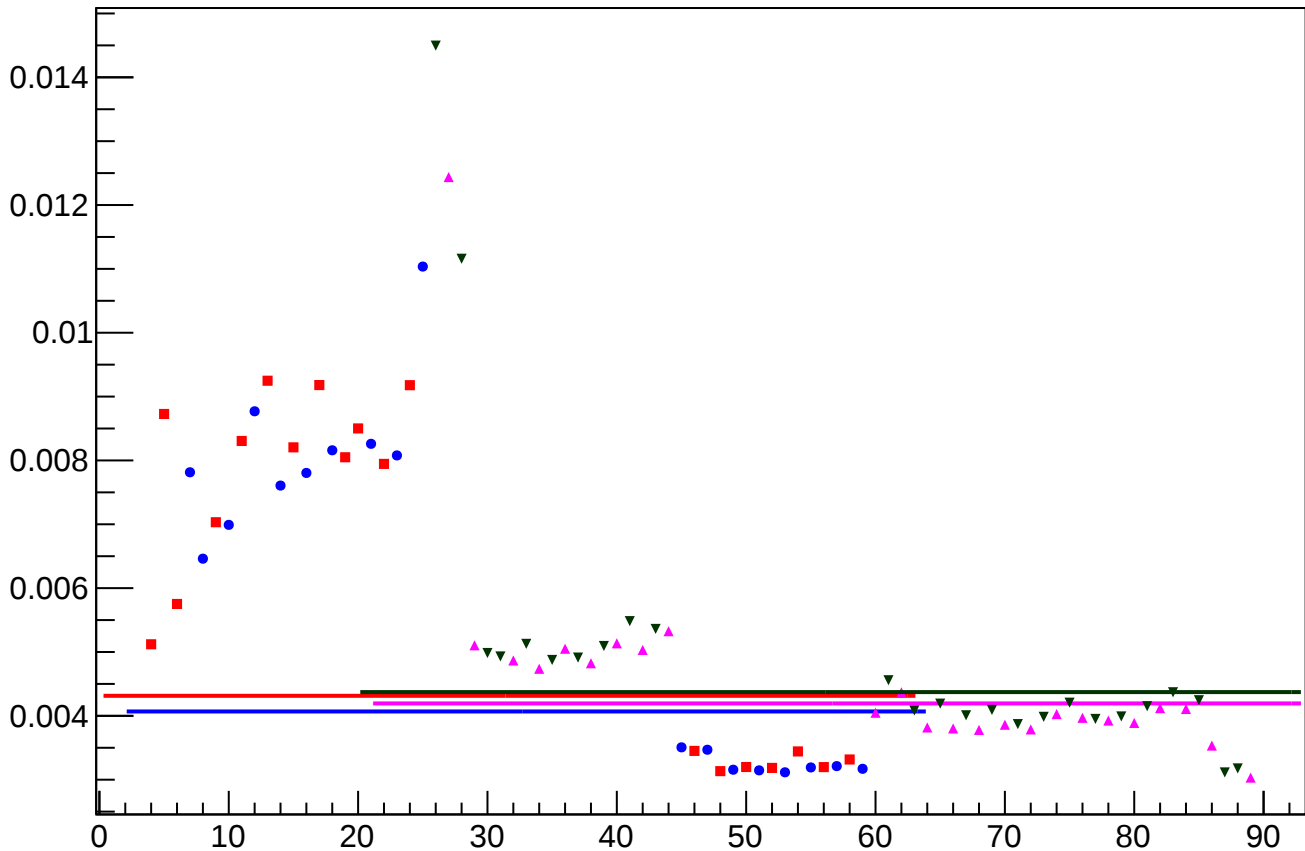
0.309+/-0.000 χ^2/NDF : 16805639652198.8/42

Right Out: 3.596+/-0.000 χ^2/NDF : 468031292414.6/18

-0.402+/-0.000 χ^2/NDF : 16098980438111.4/42

Left In: -2.845+/-0.000 χ^2/NDF : 4799878391638.6/23

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 :1327591.8/24

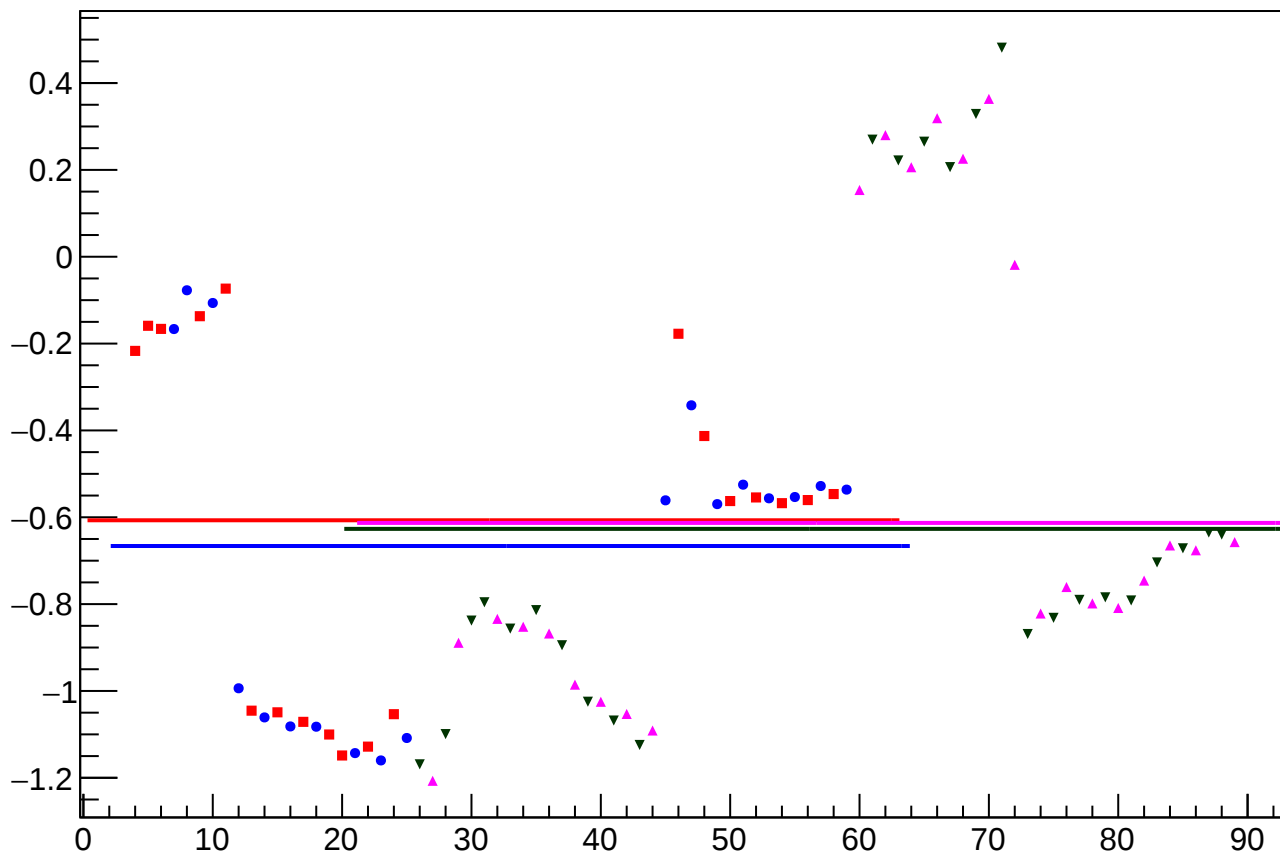
Right Out: 0.004+/-0.000 χ^2/NDF : 3241260.9/18

Left In: 0.004+/-0.000 χ^2/NDF :1108143.2/23

0.004+/-0.000 χ^2/NDF : 4781000.8/42

0.004+/-0.000 χ^2/NDF : 4356836.8/42

yield_bpm0l01X_mean vs slug



Right In: -0.666+/-0.000 χ^2/NDF : 19135534349.5/17

Left Out: -0.627+/-0.000 χ^2/NDF : 40327017269.1/24

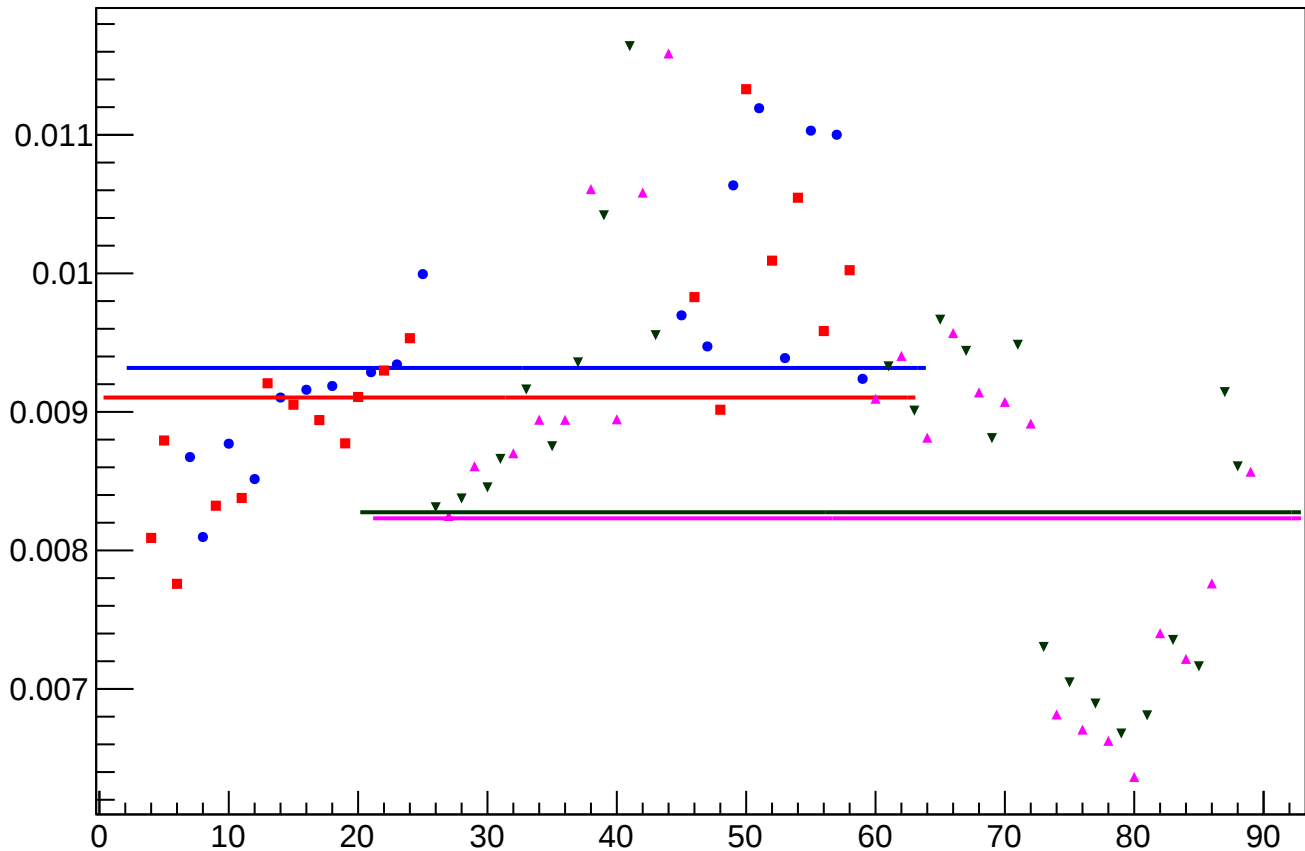
Right Out: -0.607+/-0.000 χ^2/NDF : 19217252419.4/18

Left In: -0.613+/-0.000 χ^2/NDF : 41379818849.9/23

-0.643+/-0.000 χ^2/NDF : 59576464626.0/42

-0.611+/-0.000 χ^2/NDF : 60599721910.7/42

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 : 503864.2/24

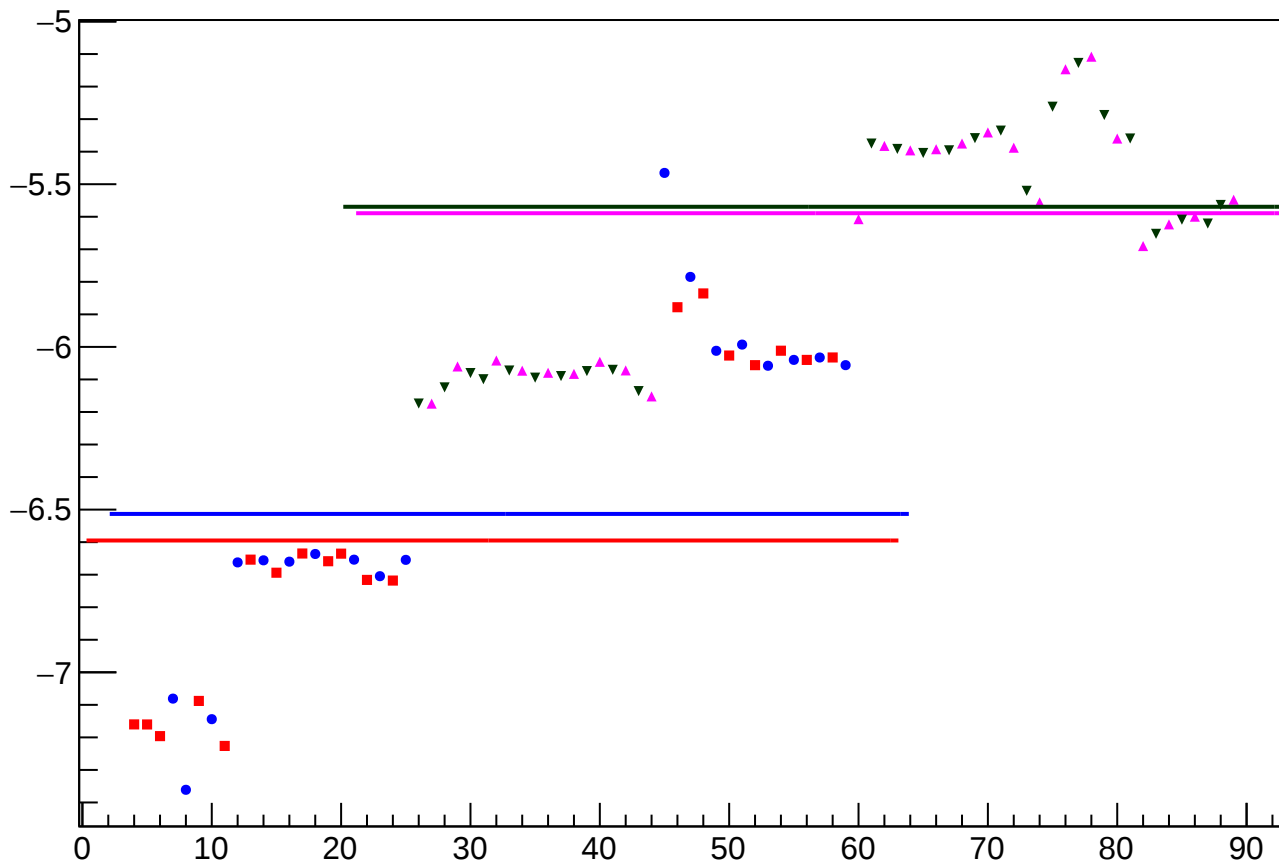
Right Out: 0.009+/-0.000 χ^2/NDF : 159092.9/18

Left In: 0.008+/-0.000 χ^2/NDF : 571680.6/23

0.009+/-0.000 χ^2/NDF : 828304.7/42

0.009+/-0.000 χ^2/NDF : 840396.1/42

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 : 23144776309.6/24

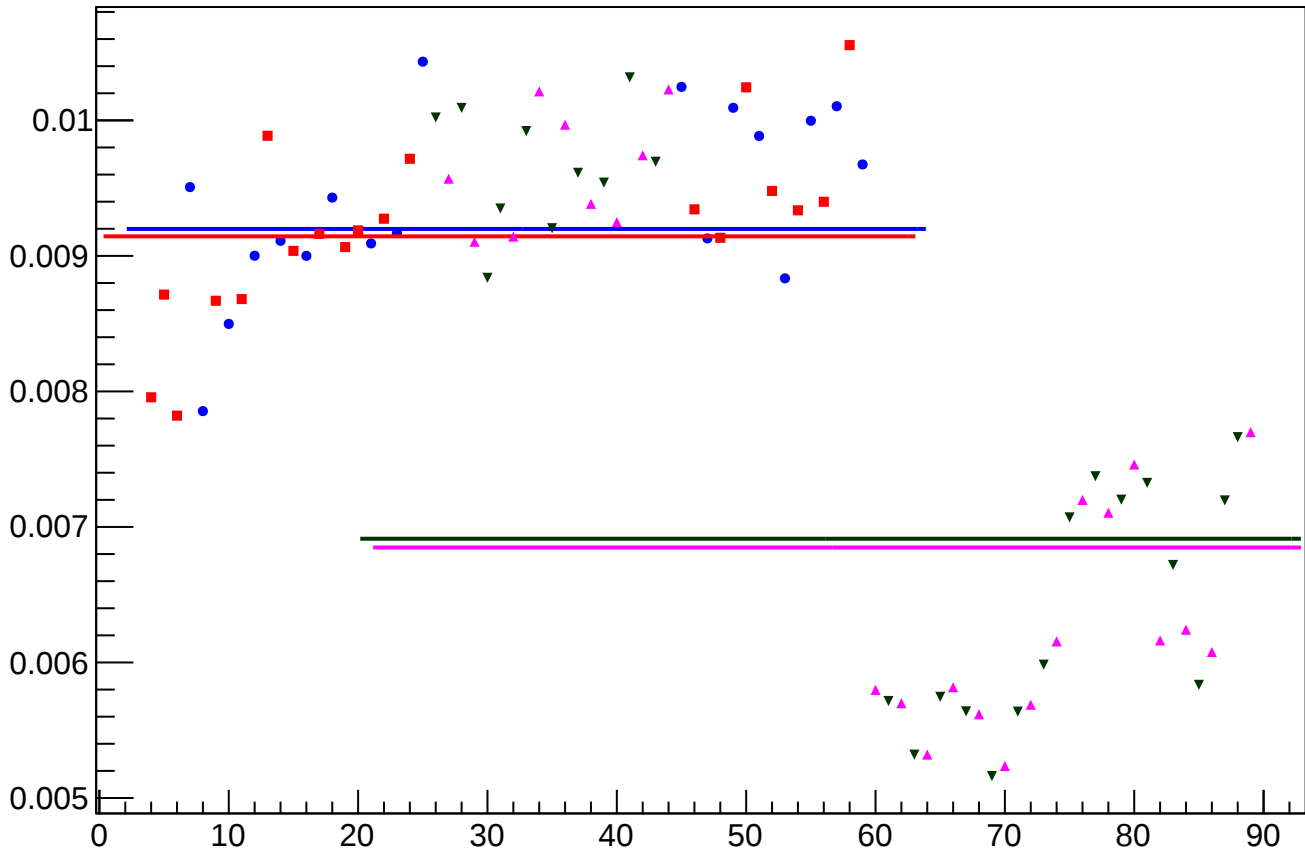
-5.899+/-0.000 χ^2/NDF : 131420645907.8/42

Right Out: -6.595+/-0.000 χ^2/NDF : 25777696502.6/18

-5.894+/-0.000 χ^2/NDF : 130095522404.5/42

Left In: -5.589+/-0.000 χ^2/NDF : 24135363869.2/23

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 :1305899.0/24

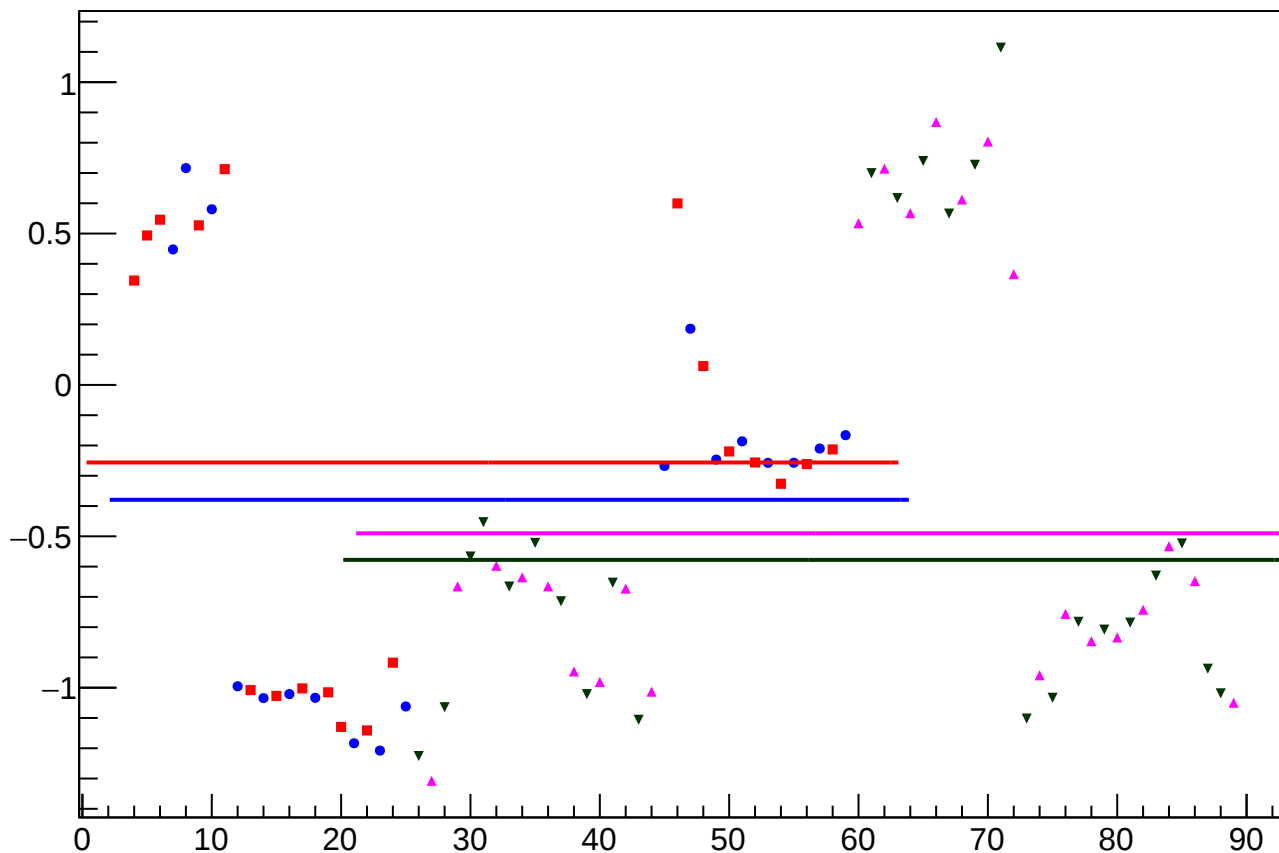
Right Out: 0.009+/-0.000 χ^2/NDF : 101222.8/18

Left In: 0.007+/-0.000 χ^2/NDF :1327063.8/23

0.008+/-0.000 χ^2/NDF : 2296436.5/42

0.008+/-0.000 χ^2/NDF : 2264053.7/42

yield_bpm0l02X_mean vs slug



Right In: -0.379+/-0.000 χ^2/NDF : 10136750548.1/17

Left Out: -0.578+/-0.000 χ^2/NDF : 23593592663.0/24

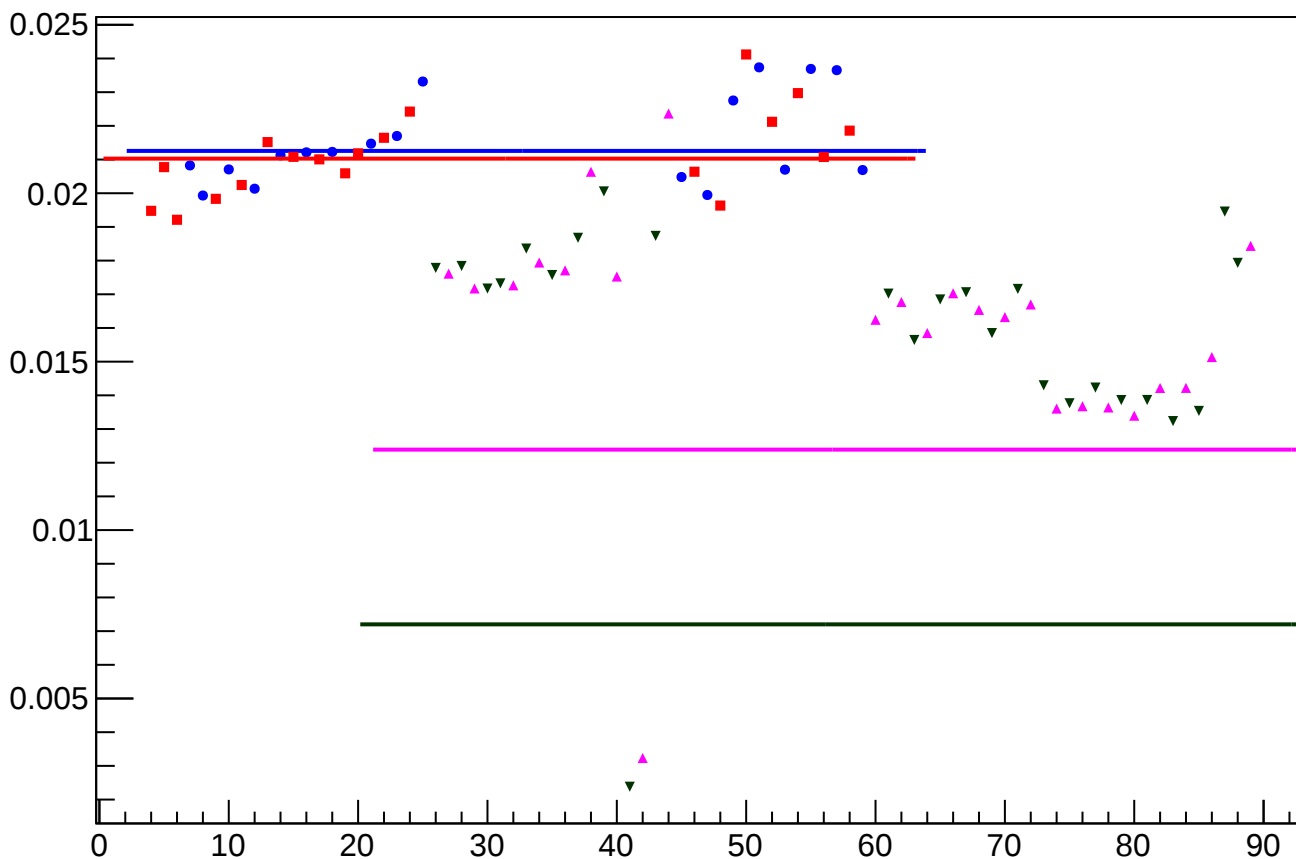
Right Out: -0.256+/-0.000 χ^2/NDF : 10103342122.6/18

Left In: -0.490+/-0.000 χ^2/NDF : 22480926035.5/23

-0.546+/-0.000 χ^2/NDF : 34537473112.5/42

-0.432+/-0.000 χ^2/NDF : 33493209764.9/42

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 :11135510.7/24

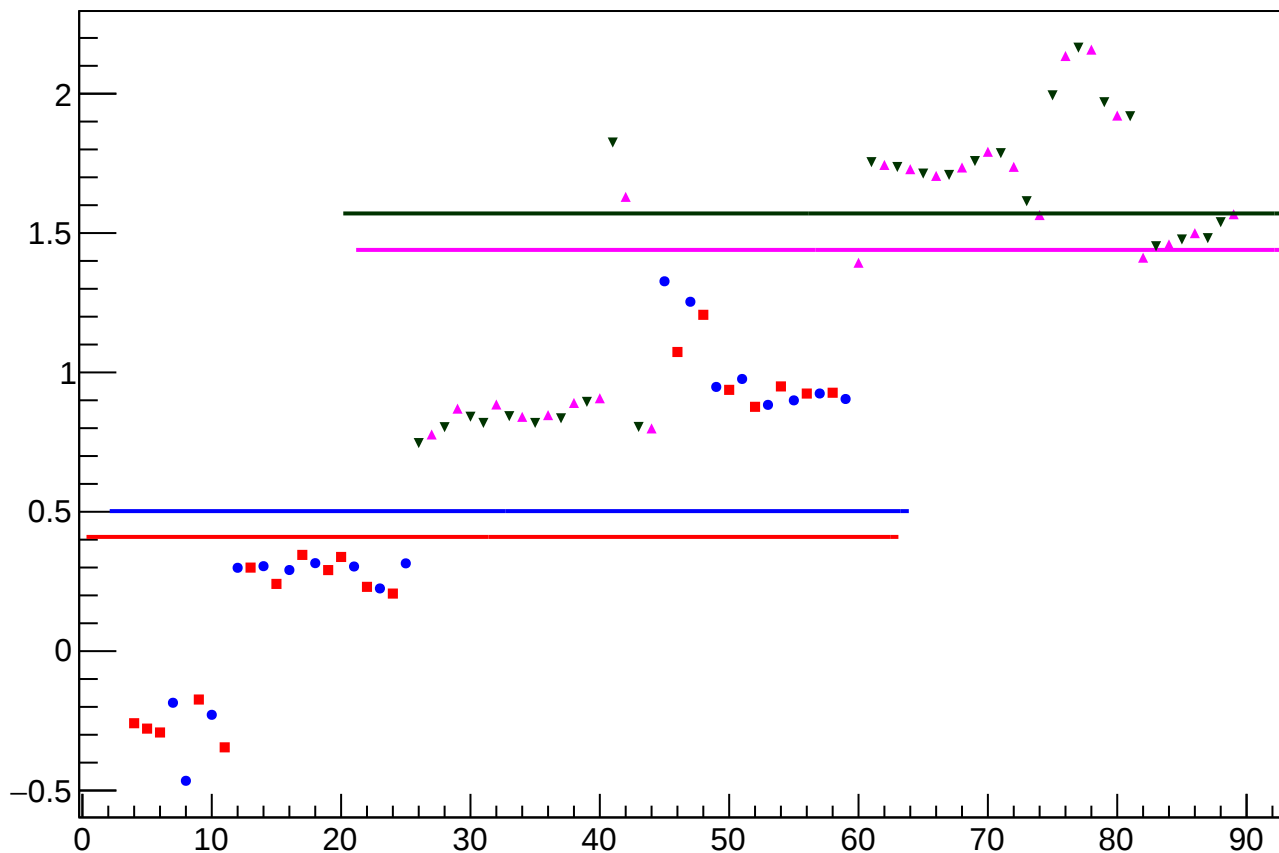
0.009+/-0.000 χ^2/NDF : 19291715.2/42

Right Out: 0.021+/-0.000 χ^2/NDF : 62886.6/18

0.015+/-0.000 χ^2/NDF : 7456893.2/42

Left In: 0.012+/-0.000 χ^2/NDF :4913415.3/23

yield_bpm0l02Y_mean vs slug



Right In: 0.502 $\pm$ 0.000 χ^2 /NDF: 19155654908.3/17

Left Out: 1.570 $\pm$ 0.000 χ^2 /NDF: 26304432368.5/24

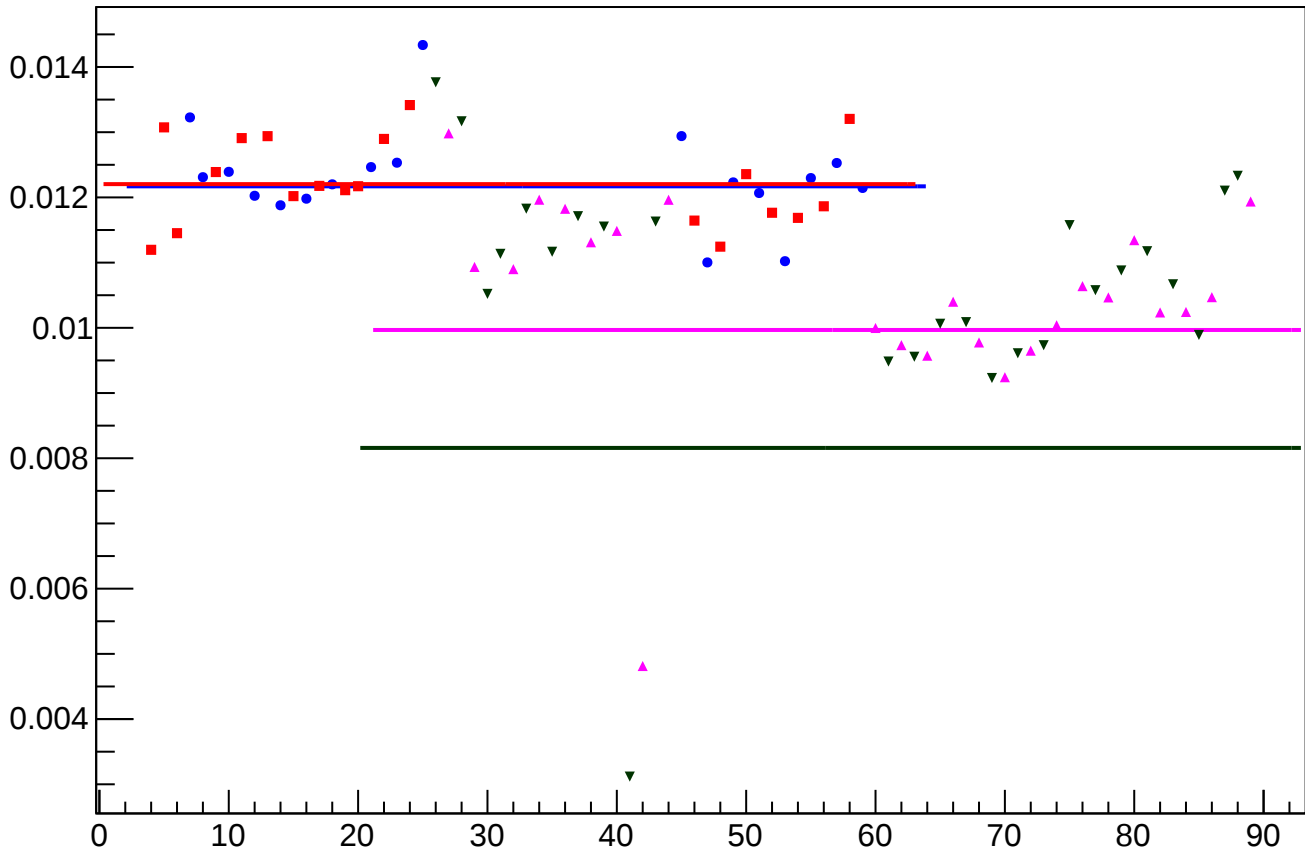
Right Out: 0.410 $\pm$ 0.000 χ^2 /NDF: 16439315084.0/18

Left In: 1.440 $\pm$ 0.000 χ^2 /NDF: 21906240488.2/23

1.220 $\pm$ 0.000 χ^2 /NDF: 102115579460.6/42

1.088 $\pm$ 0.000 χ^2 /NDF: 83478597591.3/42

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:4149672.7/24

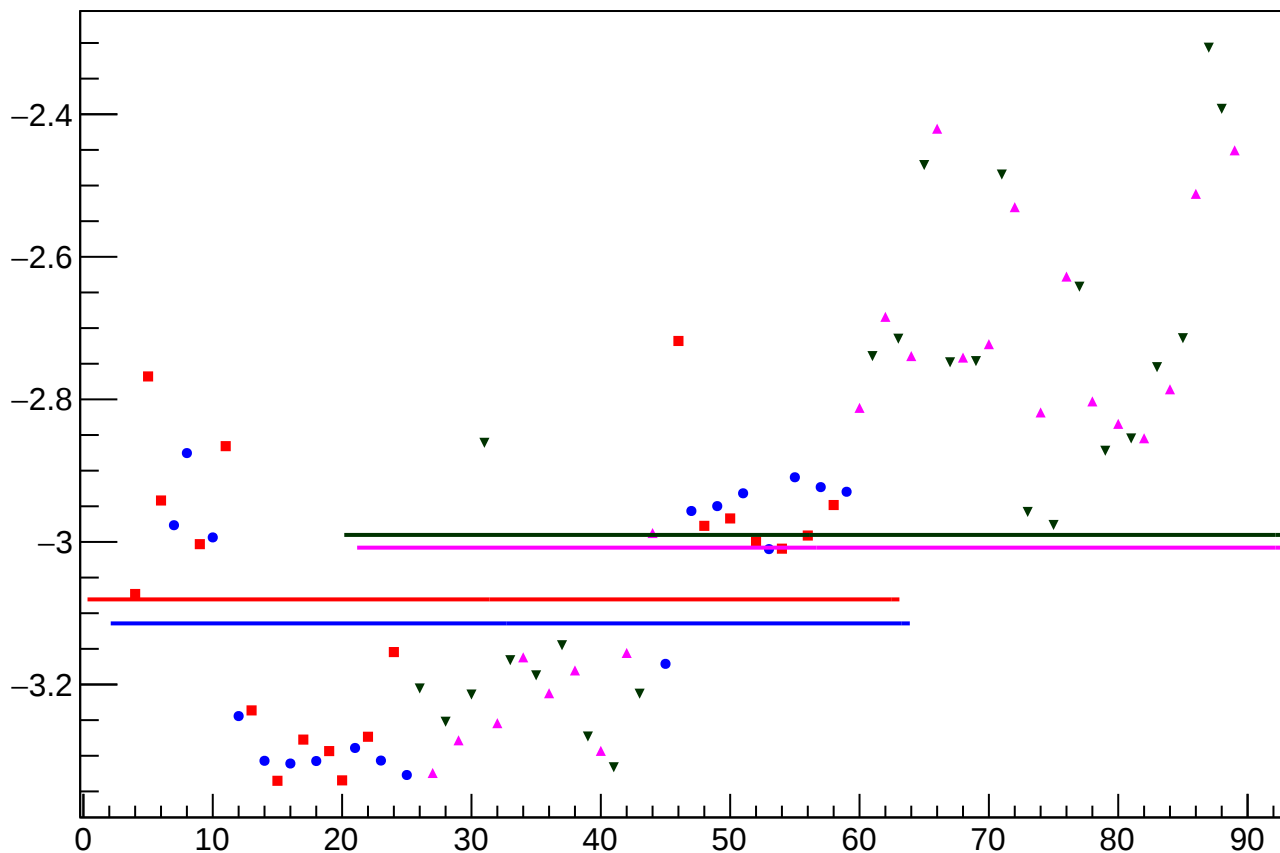
0.009 $\pm$ 0.000 χ^2 /NDF: 5794028.7/42

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 53181.0/18

0.011 $\pm$ 0.000 χ^2 /NDF: 1527756.2/42

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:1048721.2/23

yield_bpm0l03X_mean vs slug



Right In: -3.114+/-0.000 χ^2/NDF : 4627659924.1/17

Left Out: -2.990+/-0.000 χ^2/NDF :13917703704.8/24

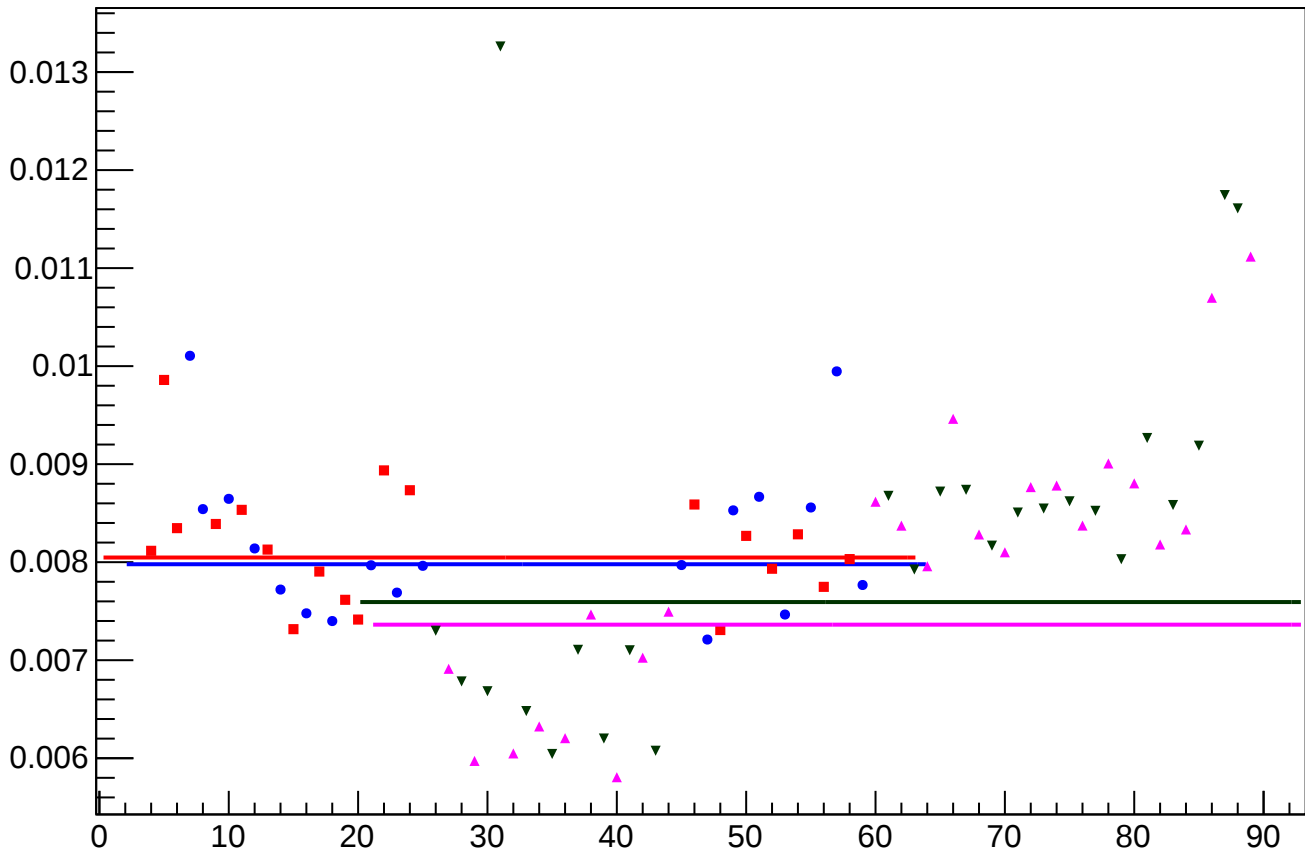
Right Out: -3.081+/-0.000 χ^2/NDF : 3839311184.0/18

Left In: -3.008+/-0.000 χ^2/NDF :16164481087.8/23

-3.045+/-0.000 χ^2/NDF : 19824388417.2/42

-3.036+/-0.000 χ^2/NDF : 20423114077.1/42

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 : 630385.9/24

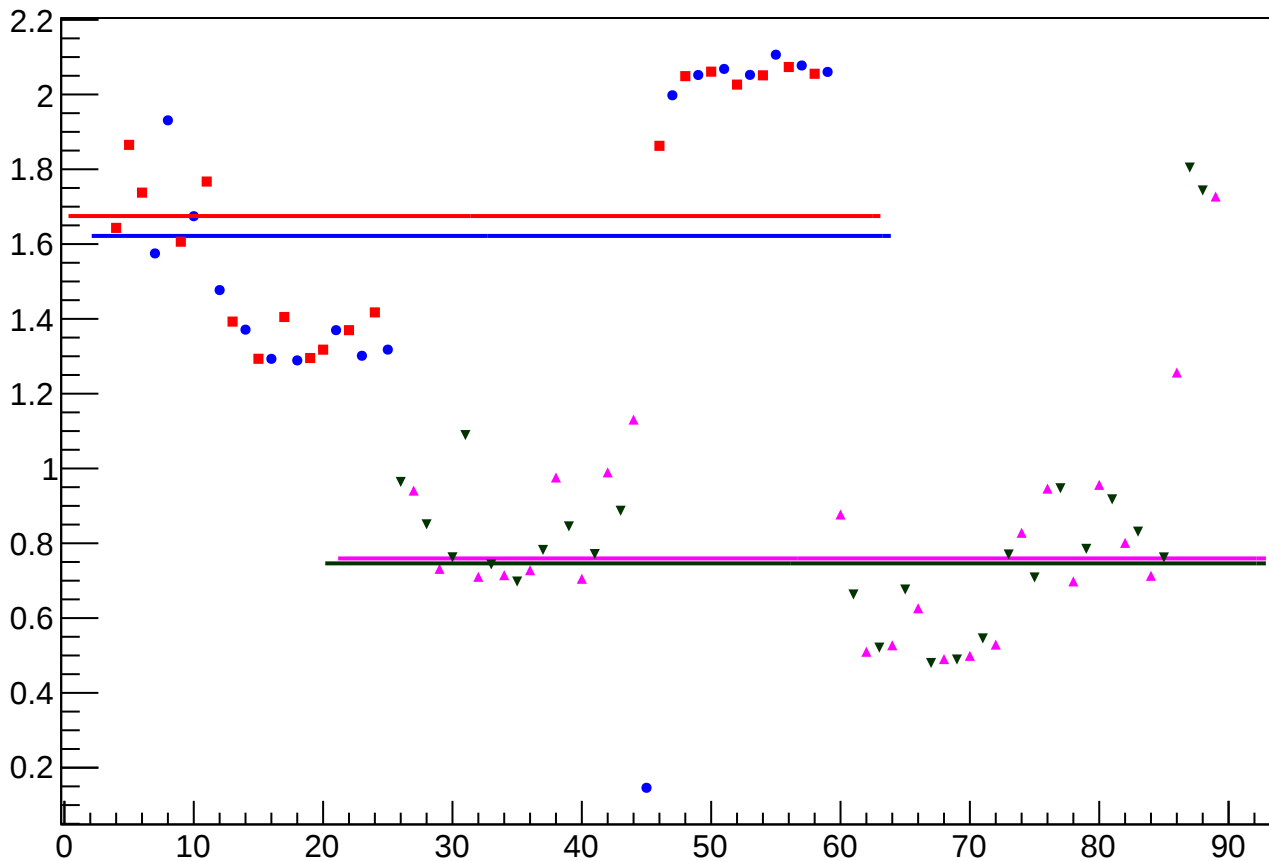
Right Out: 0.008+/-0.000 χ^2/NDF : 57509.8/18

Left In: 0.007+/-0.000 χ^2/NDF : 686355.4/23

0.008+/-0.000 χ^2/NDF : 750332.3/42

0.008+/-0.000 χ^2/NDF : 818526.7/42

yield_bpm0l03Y_mean vs slug



Right In: 1.622 $\pm$ 0.000 χ^2 /NDF: 26006902897.9/17

Left Out: 0.746 $\pm$ 0.000 χ^2 /NDF:11161275872.3/24

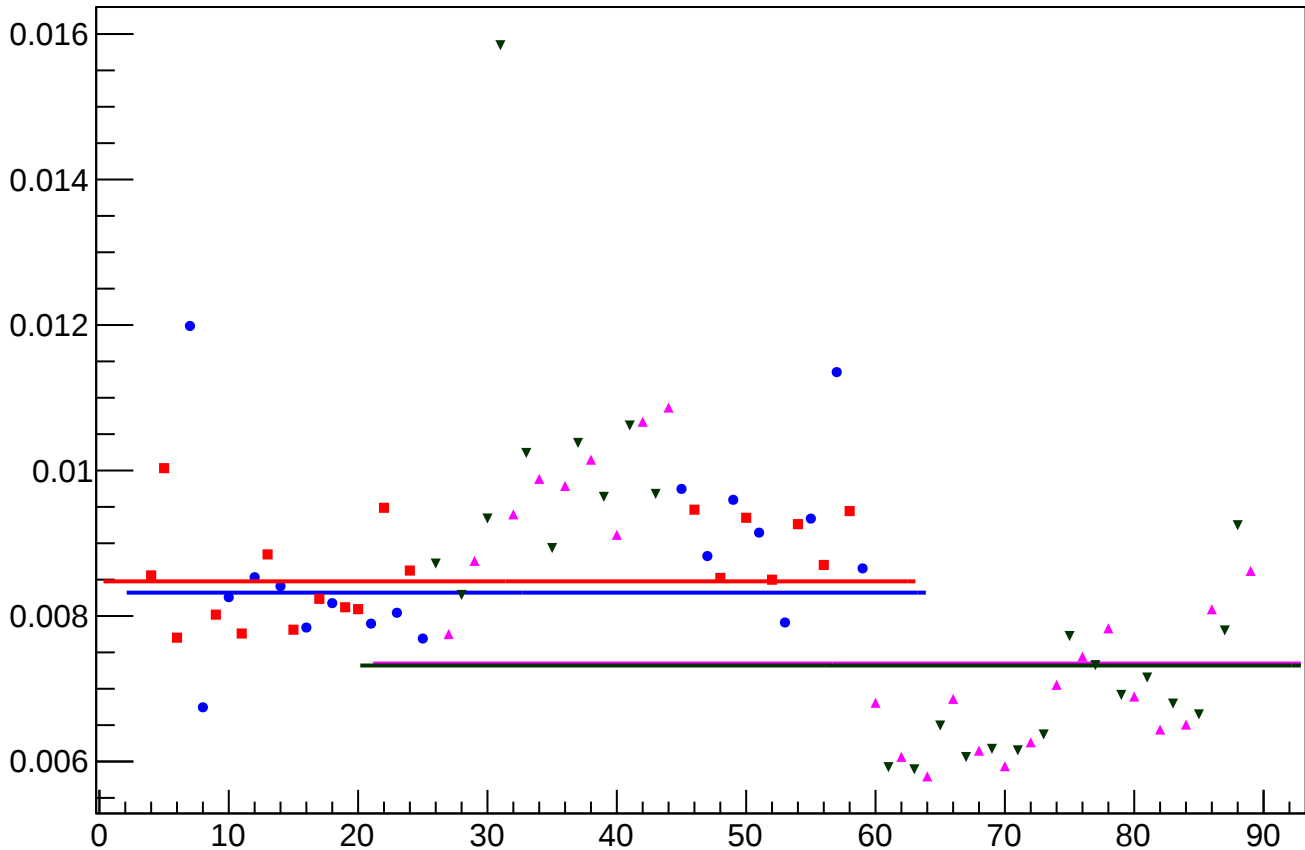
1.106 $\pm$ 0.000 χ^2 /NDF: 98190037279.2/42

Right Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 9809193440.2/18

1.088 $\pm$ 0.000 χ^2 /NDF: 84021785314.2/42

Left In: 0.759 $\pm$ 0.000 χ^2 /NDF:12993681228.6/23

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 : 920889.6/24

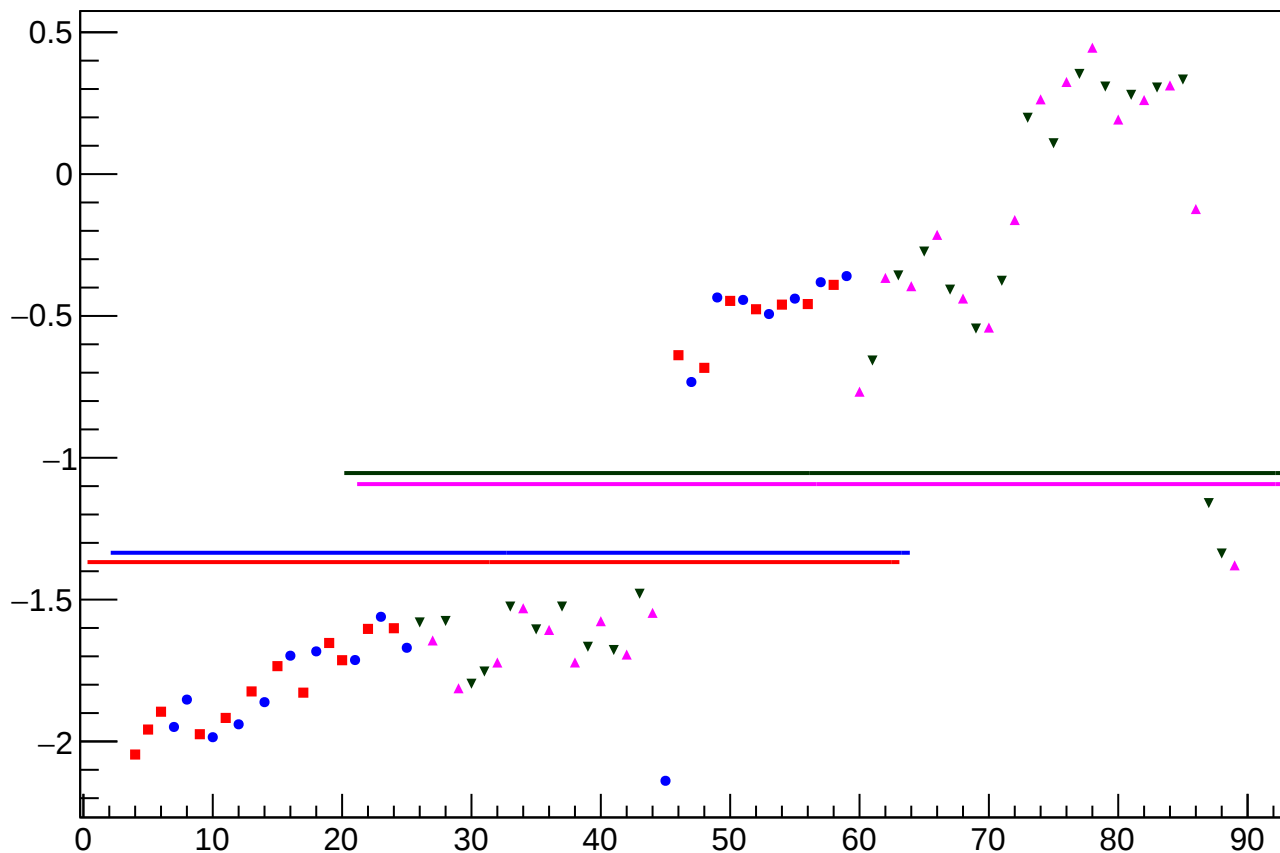
Right Out: 0.008+/-0.000 χ^2/NDF : 80155.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 800454.4/23

0.008+/-0.000 χ^2/NDF : 1311829.1/42

0.008+/-0.000 χ^2/NDF : 1066889.3/42

yield_bpm0l04X_mean vs slug



Right In: -1.335+/-0.000 χ^2/NDF : 38397269291.9/17

Left Out: -1.054+/-0.000 χ^2/NDF : 35263938267.8/24

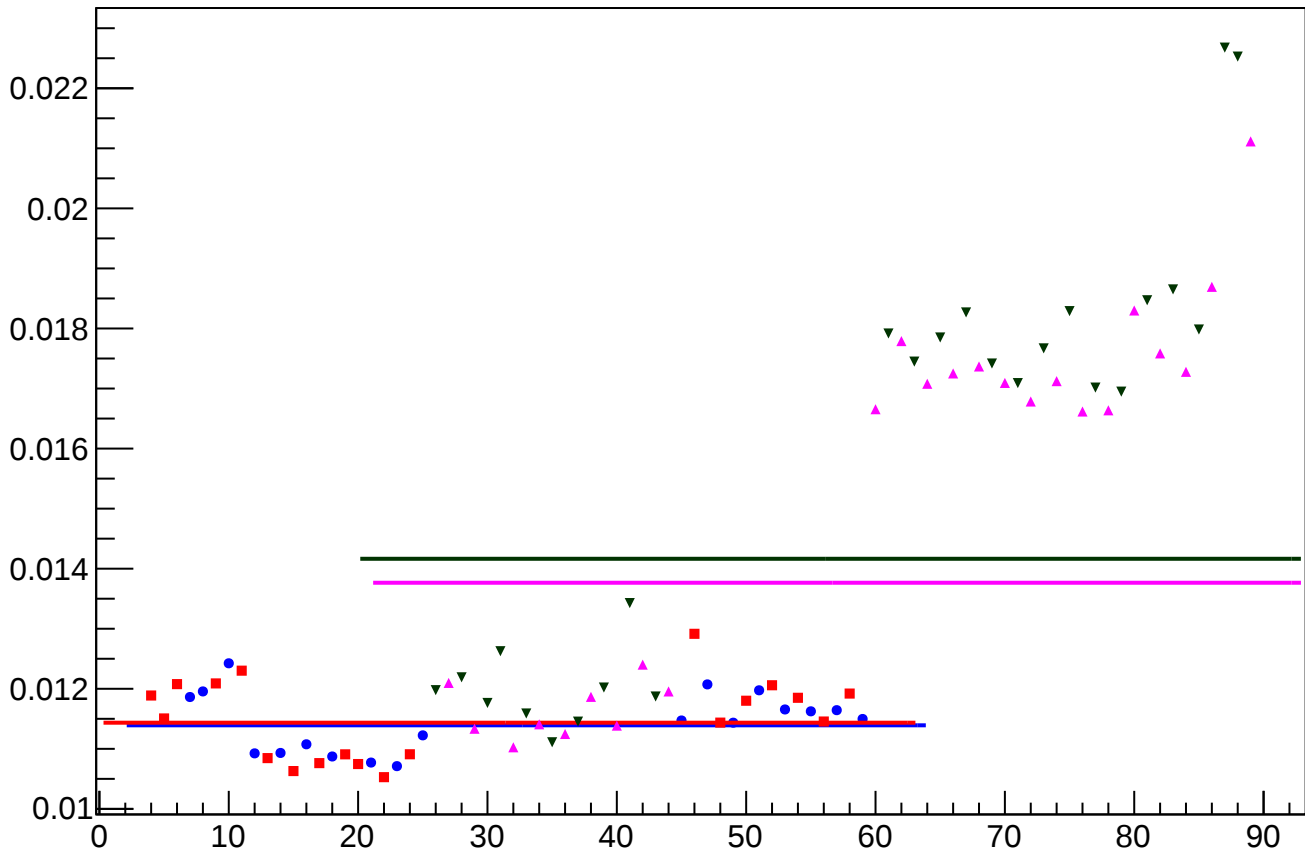
Right Out: -1.368+/-0.000 χ^2/NDF : 29057521992.7/18

Left In: -1.093+/-0.000 χ^2/NDF : 41776777682.1/23

-1.221+/-0.000 χ^2/NDF : 76396744312.2/42

-1.238+/-0.000 χ^2/NDF : 73498630780.9/42

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 :1054610.2/24

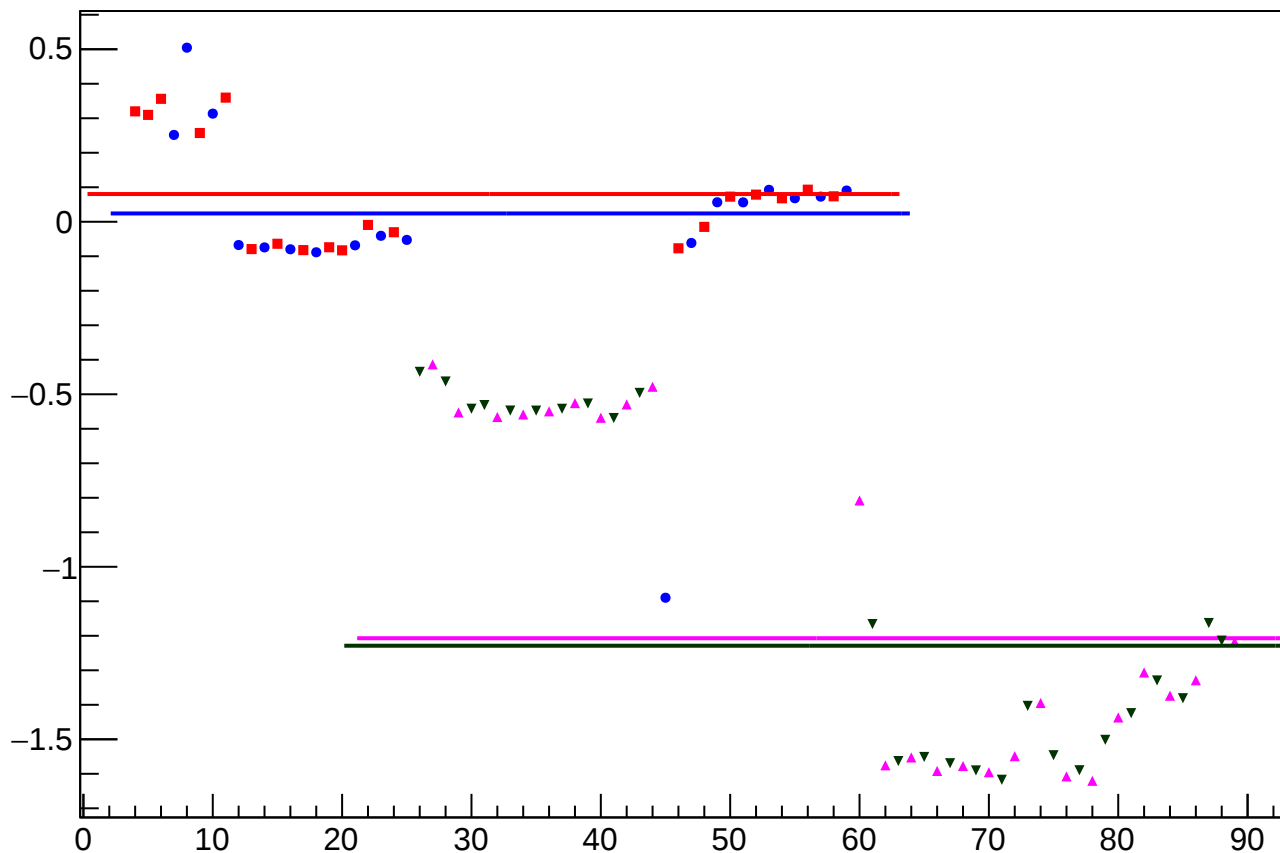
Right Out: 0.011+/-0.000 χ^2/NDF : 65676.1/18

Left In: 0.014+/-0.000 χ^2/NDF :1123251.7/23

0.013+/-0.000 χ^2/NDF : 1629447.6/42

0.013+/-0.000 χ^2/NDF : 1571718.0/42

yield_bpm0l04Y_mean vs slug



Right In: 0.024+/-0.000 χ^2/NDF : 18234538167.9/17

Left Out: -1.229+/-0.000 χ^2/NDF : 57834135911.8/24

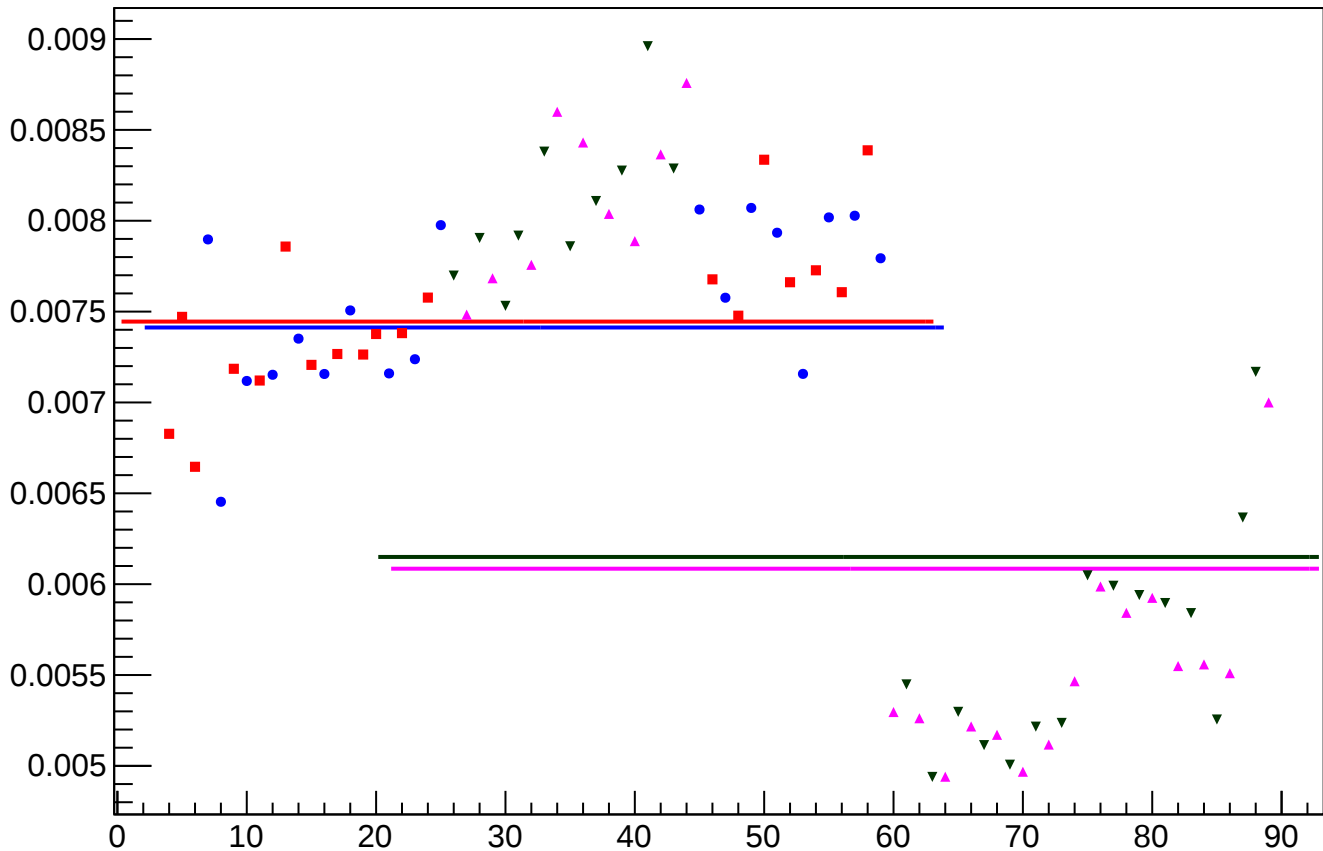
Right Out: 0.080+/-0.000 χ^2/NDF : 4561023053.2/18

Left In: -1.207+/-0.000 χ^2/NDF : 66022894766.9/23

-0.737+/-0.000 χ^2/NDF : 265132498861.6/42

-0.772+/-0.000 χ^2/NDF : 260006363601.0/42

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 : 916350.5/24

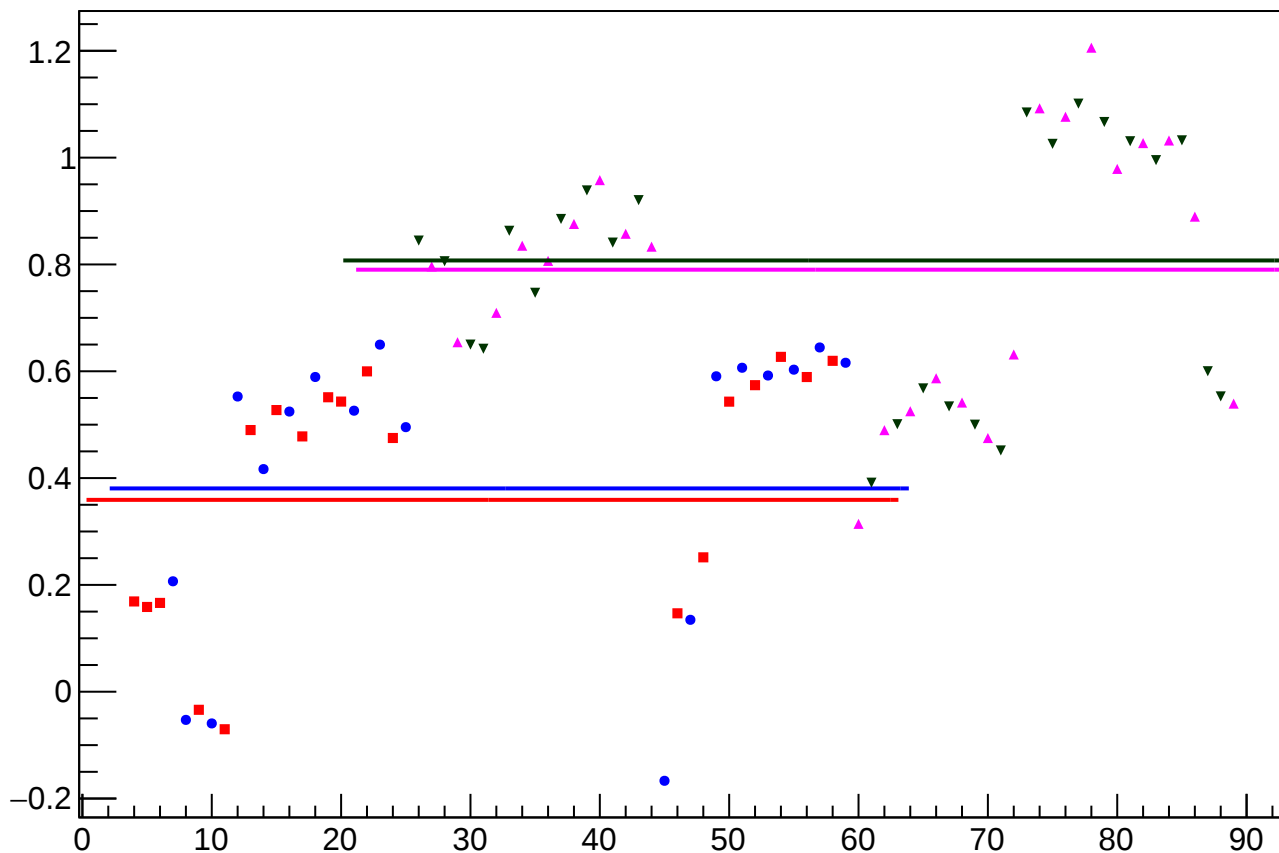
Right Out: 0.007+/-0.000 χ^2/NDF : 61122.7/18

Left In: 0.006+/-0.000 χ^2/NDF : 956447.0/23

0.007+/-0.000 χ^2/NDF : 1391589.8/42

0.007+/-0.000 χ^2/NDF : 1440310.9/42

yield_bpm0l05X_mean vs slug



Right In: 0.381+/-0.000 χ^2/NDF : 17766233664.3/17

Left Out: 0.807+/-0.000 χ^2/NDF : 10982426626.2/24

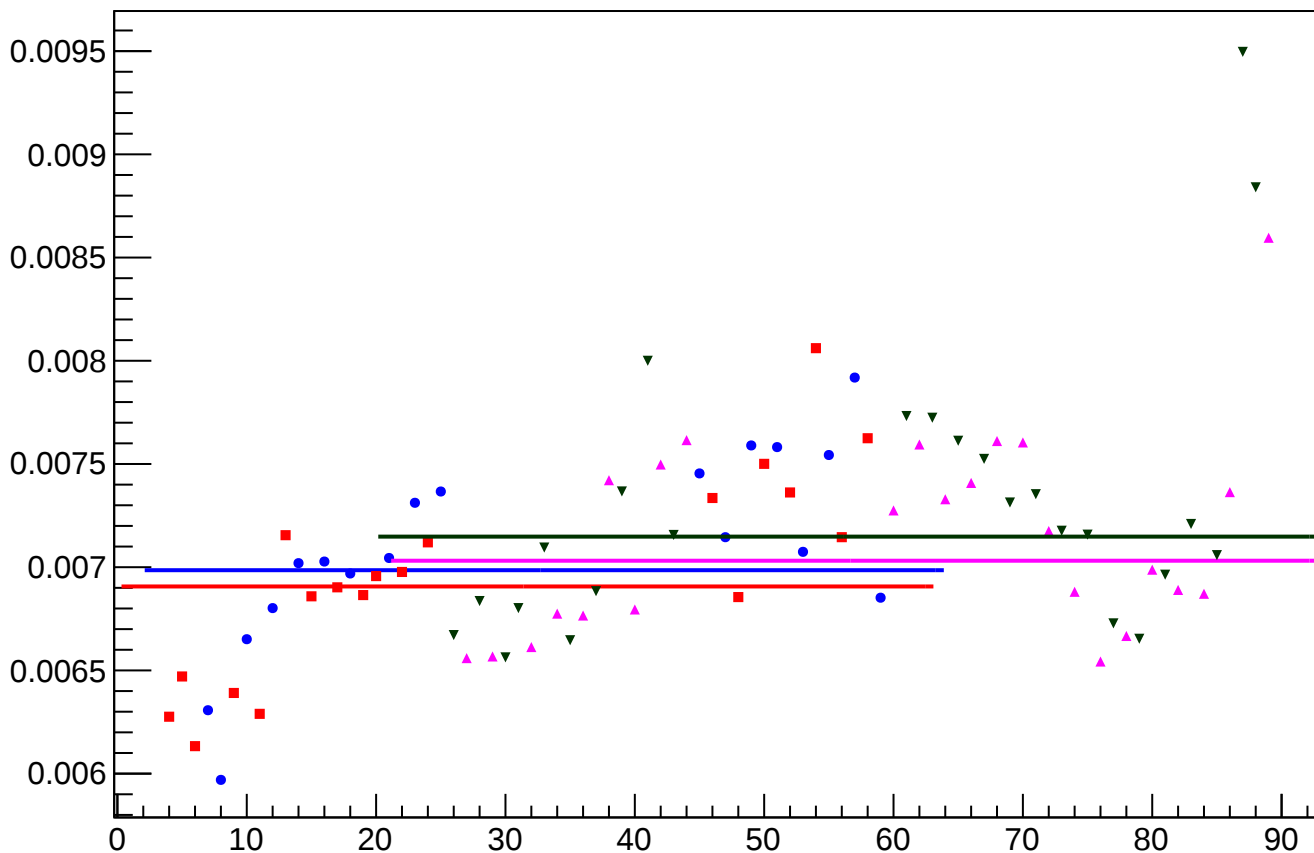
0.600+/-0.000 χ^2/NDF : 49767152751.3/42

Right Out: 0.359+/-0.000 χ^2/NDF : 11904326957.3/18

0.603+/-0.000 χ^2/NDF : 45721721091.1/42

Left In: 0.790+/-0.000 χ^2/NDF : 12532234848.7/23

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 :109214.6/24

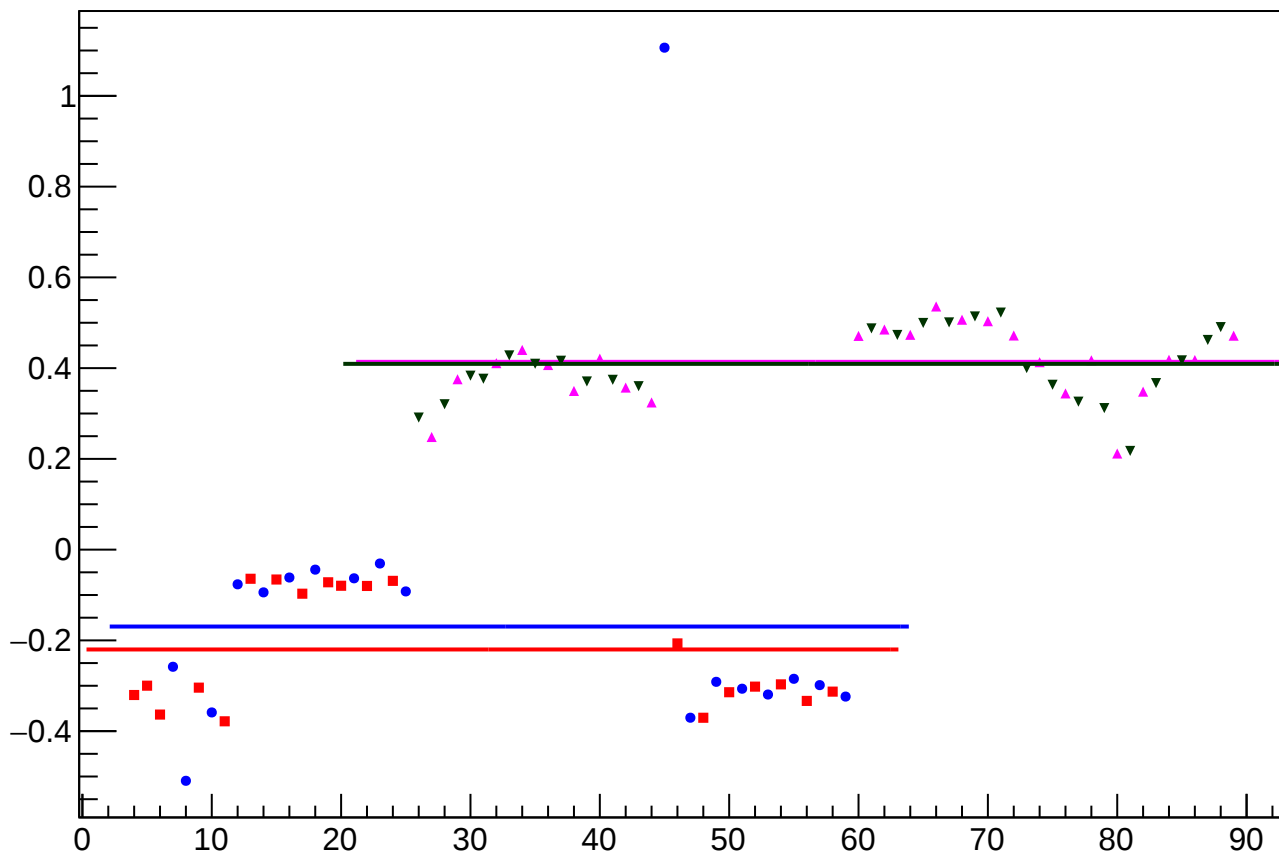
Right Out: 0.007+/-0.000 χ^2/NDF : 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF :103807.4/23

0.007+/-0.000 χ^2/NDF : 222477.3/42

0.007+/-0.000 χ^2/NDF : 204927.9/42

yield_bpm0l05Y_mean vs slug



Right In: -0.169+/-0.000 χ^2/NDF : 37135565875.9/17

Left Out: 0.409+/-0.000 χ^2/NDF :3283549055.2/24

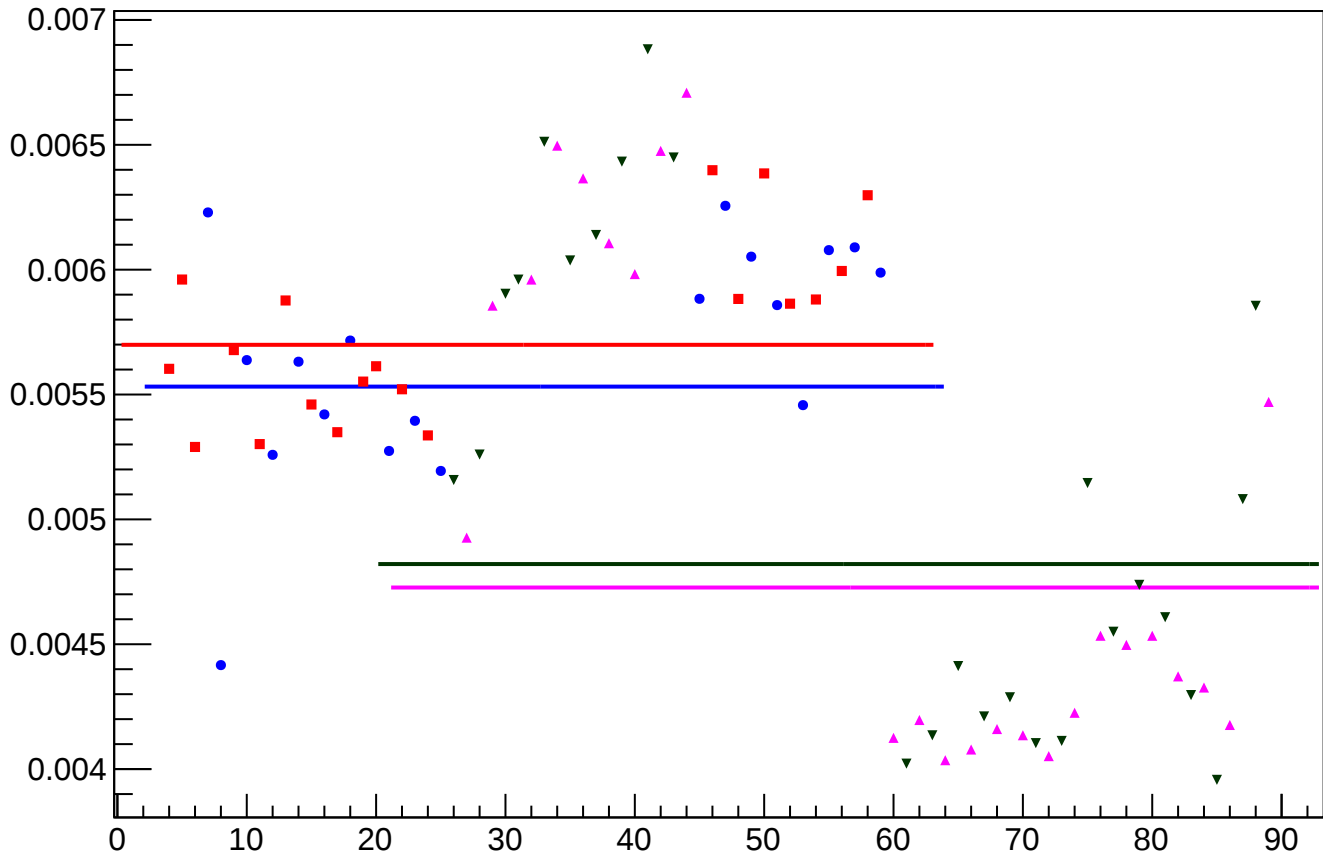
0.170+/-0.000 χ^2/NDF : 109613782468.6/42

Right Out: -0.220+/-0.000 χ^2/NDF : 4721801975.9/18

0.196+/-0.000 χ^2/NDF : 85861291325.1/42

Left In: 0.414+/-0.000 χ^2/NDF :3846302358.0/23

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 : 731054.8/24

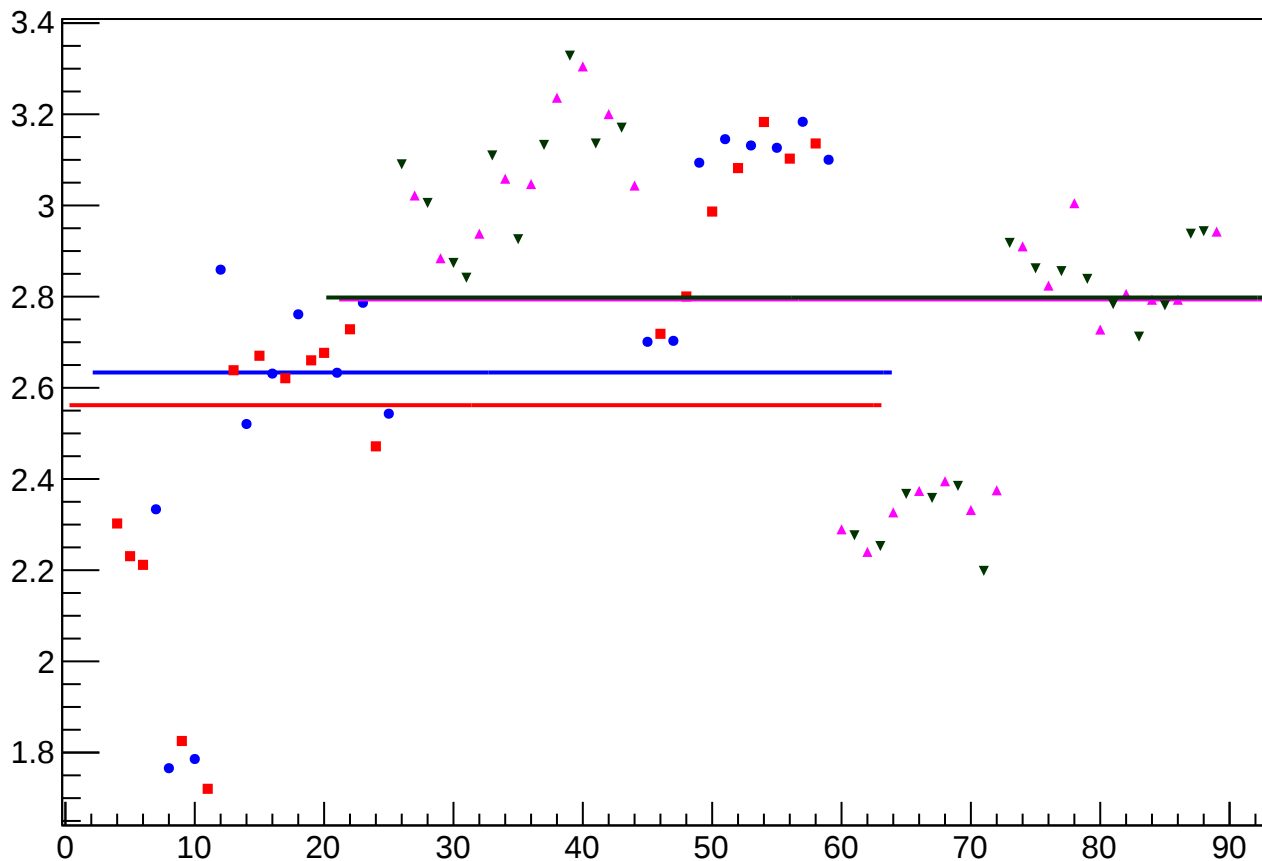
Right Out: 0.006+/-0.000 χ^2/NDF : 66415.4/18

Left In: 0.005+/-0.000 χ^2/NDF : 756489.5/23

0.005+/-0.000 χ^2/NDF : 1126574.4/42

0.005+/-0.000 χ^2/NDF : 1186327.1/42

yield_bpm0l06X_mean vs slug



Right In: 2.634+/-0.000 χ^2/NDF : 15879791998.3/17

Left Out: 2.798+/-0.000 χ^2/NDF : 13040675716.5/24

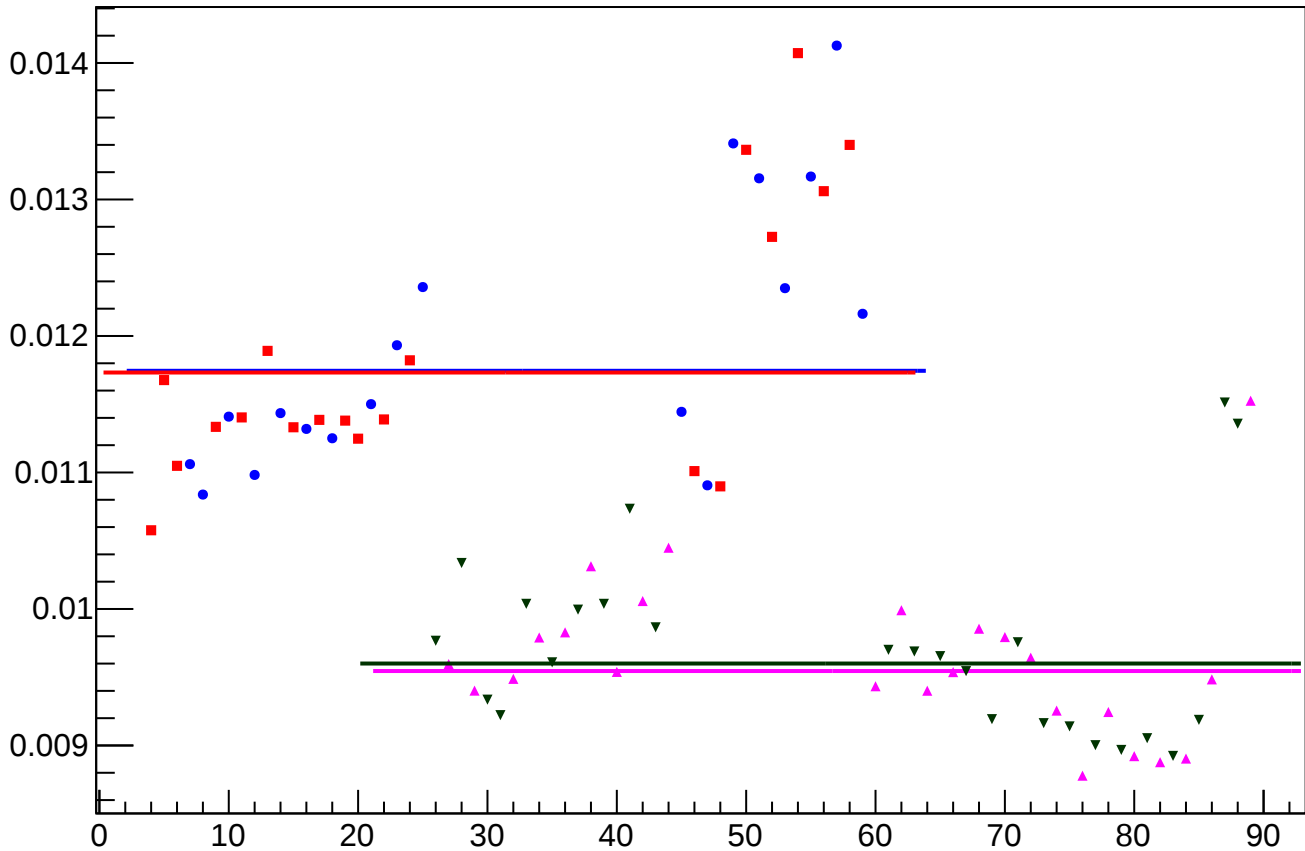
Right Out: 2.562+/-0.000 χ^2/NDF : 12349960173.0/18

Left In: 2.794+/-0.000 χ^2/NDF : 13285379393.9/23

2.737+/-0.000 χ^2/NDF : 30262496353.5/42

2.718+/-0.000 χ^2/NDF : 28159694093.1/42

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: 82938.4/24

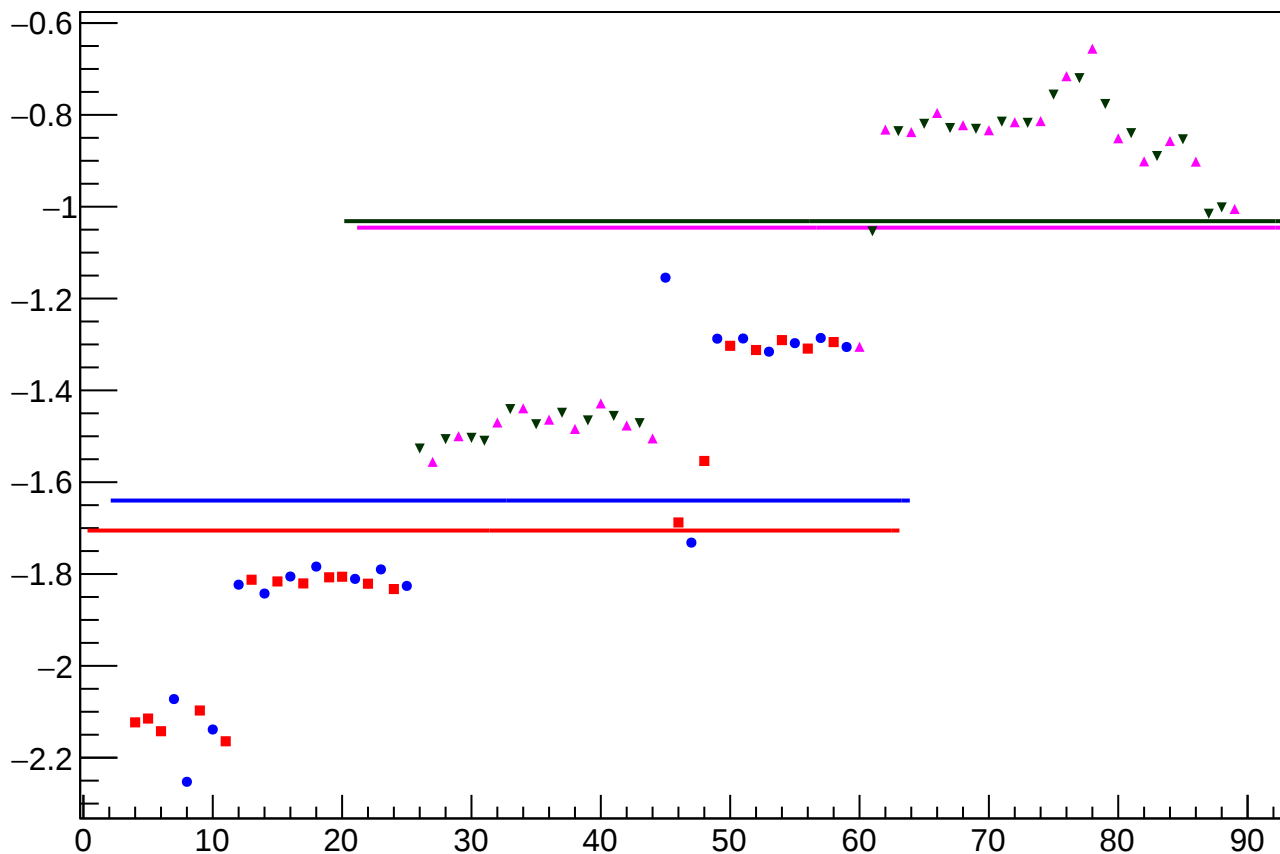
0.010 $\pm$ 0.000 χ^2 /NDF: 656733.2/42

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 107336.5/18

0.010 $\pm$ 0.000 χ^2 /NDF: 629934.2/42

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 73753.7/23

yield_bpm0l06Y_mean vs slug



Right In: -1.640+/-0.000 χ^2/NDF : 63862011114.5/17

Left Out: -1.031+/-0.000 χ^2/NDF : 53430815245.1/24

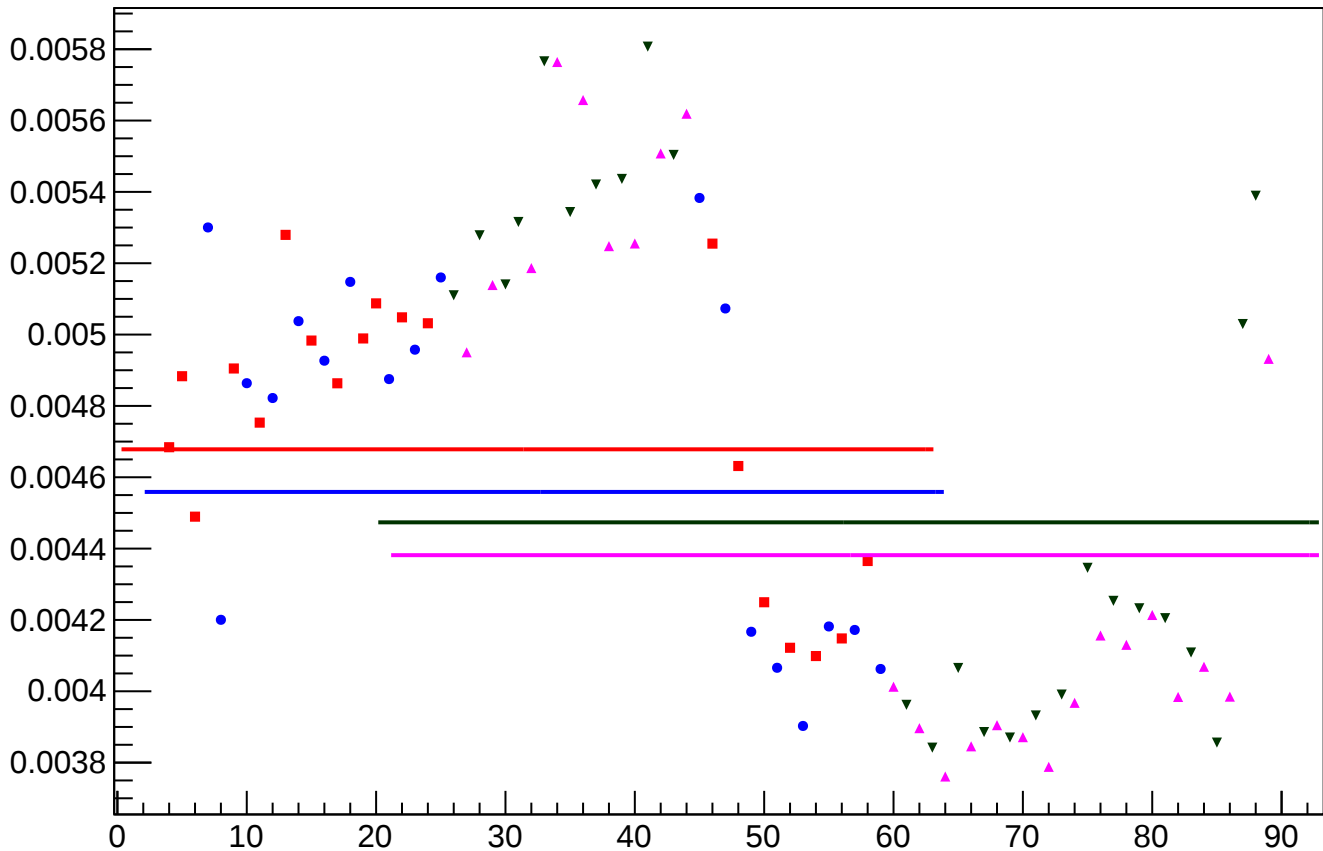
Right Out: -1.705+/-0.000 χ^2/NDF : 45414052250.2/18

Left In: -1.046+/-0.000 χ^2/NDF : 63733949925.6/23

-1.317+/-0.000 χ^2/NDF : 219933330813.8/42

-1.308+/-0.000 χ^2/NDF : 223977799615.0/42

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 : 523885.6/24

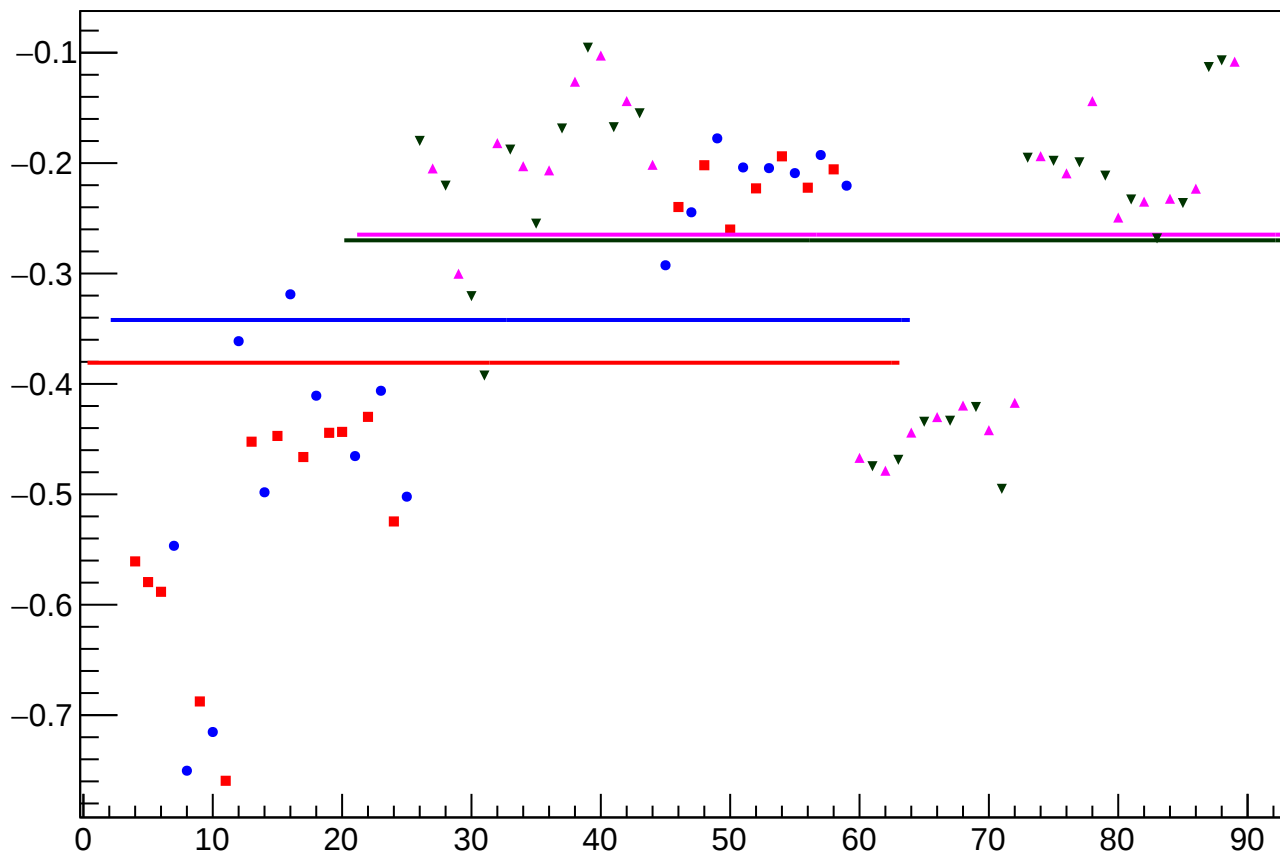
Right Out: 0.005+/-0.000 χ^2/NDF : 136426.0/18

Left In: 0.004+/-0.000 χ^2/NDF : 535339.1/23

0.005+/-0.000 χ^2/NDF : 756507.8/42

0.004+/-0.000 χ^2/NDF : 718234.1/42

yield_bpm0l07X_mean vs slug



Right In: -0.342+/-0.000 χ^2/NDF : 1669772673.5/17

Left Out: -0.270+/-0.000 χ^2/NDF : 820559609.1/24

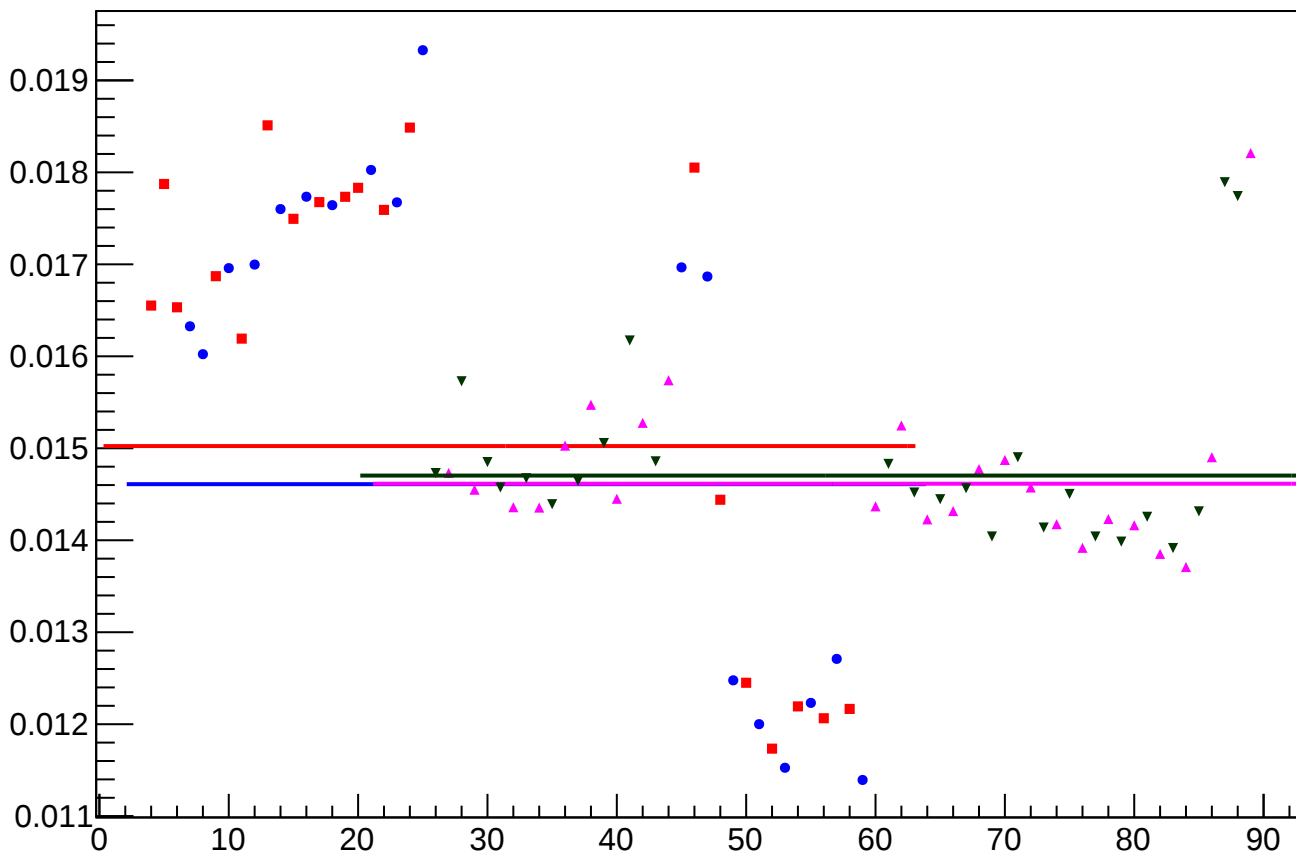
Right Out: -0.381+/-0.000 χ^2/NDF : 1387002500.9/18

Left In: -0.265+/-0.000 χ^2/NDF : 831352981.3/23

-0.304+/-0.000 χ^2/NDF : 2629053500.7/42

-0.312+/-0.000 χ^2/NDF : 2551495943.3/42

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 : 63228.8/24

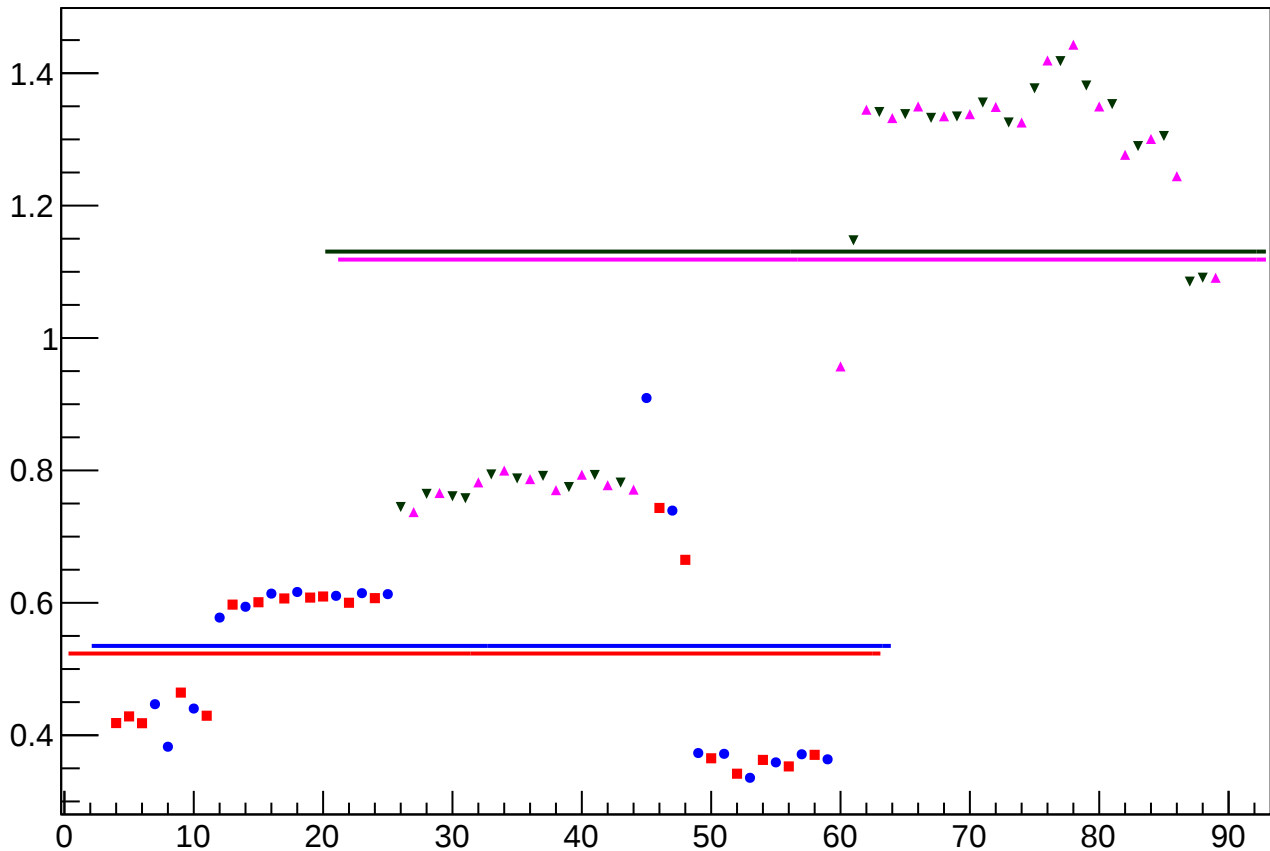
Right Out: 0.015+/-0.000 χ^2/NDF : 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF : 62739.9/23

0.015+/-0.000 χ^2/NDF : 775620.7/42

0.015+/-0.000 χ^2/NDF : 644820.2/42

yield_bpm0l07Y_mean vs slug



Right In: 0.535+/-0.000 χ^2/NDF : 21231144094.8/17

Left Out: 1.131+/-0.000 χ^2/NDF :99265988203.8/24

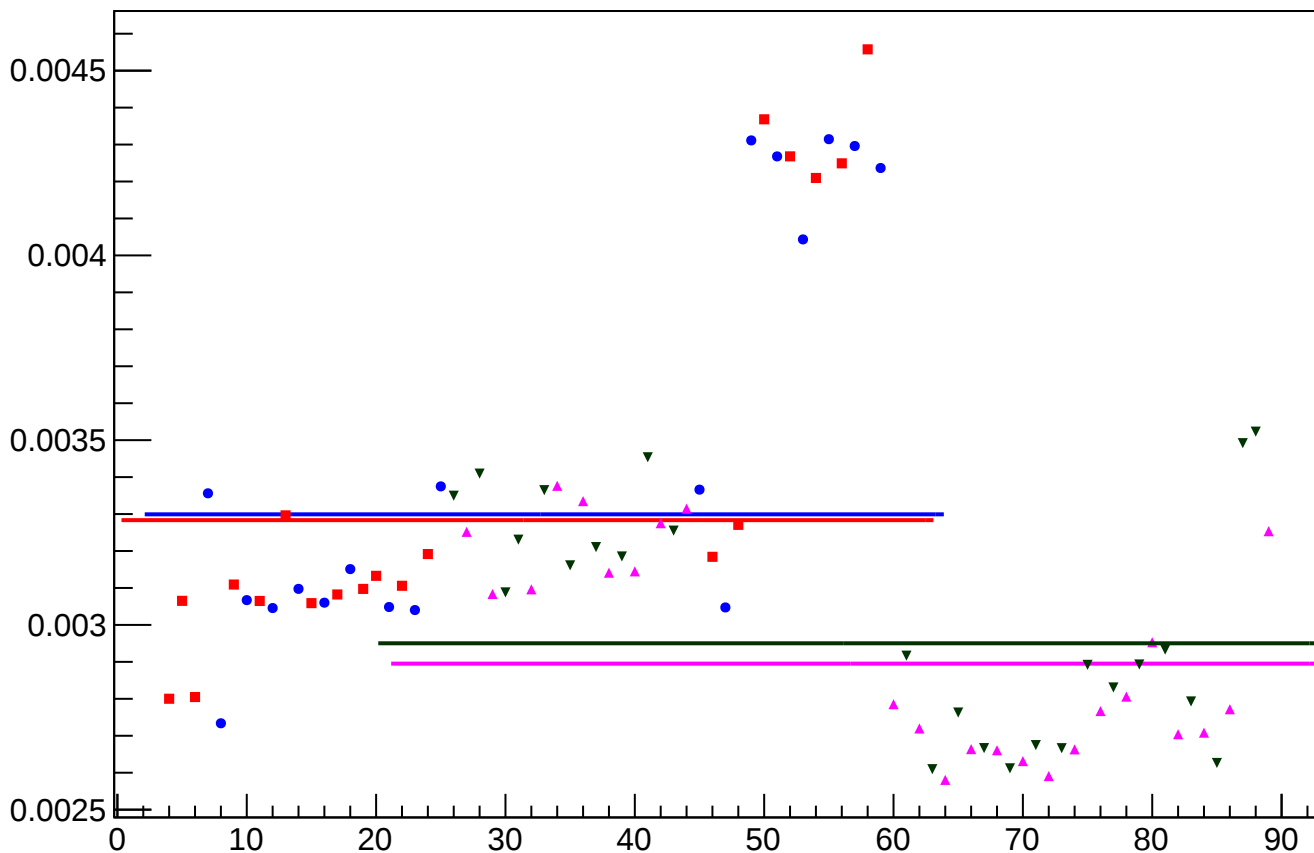
0.883+/-0.000 χ^2/NDF : 324680549337.2/42

Right Out: 0.523+/-0.000 χ^2/NDF : 11523934099.1/18

0.903+/-0.000 χ^2/NDF : 321412589513.1/42

Left In: 1.118+/-0.000 χ^2/NDF :111689211758.5/23

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 :232542.5/24

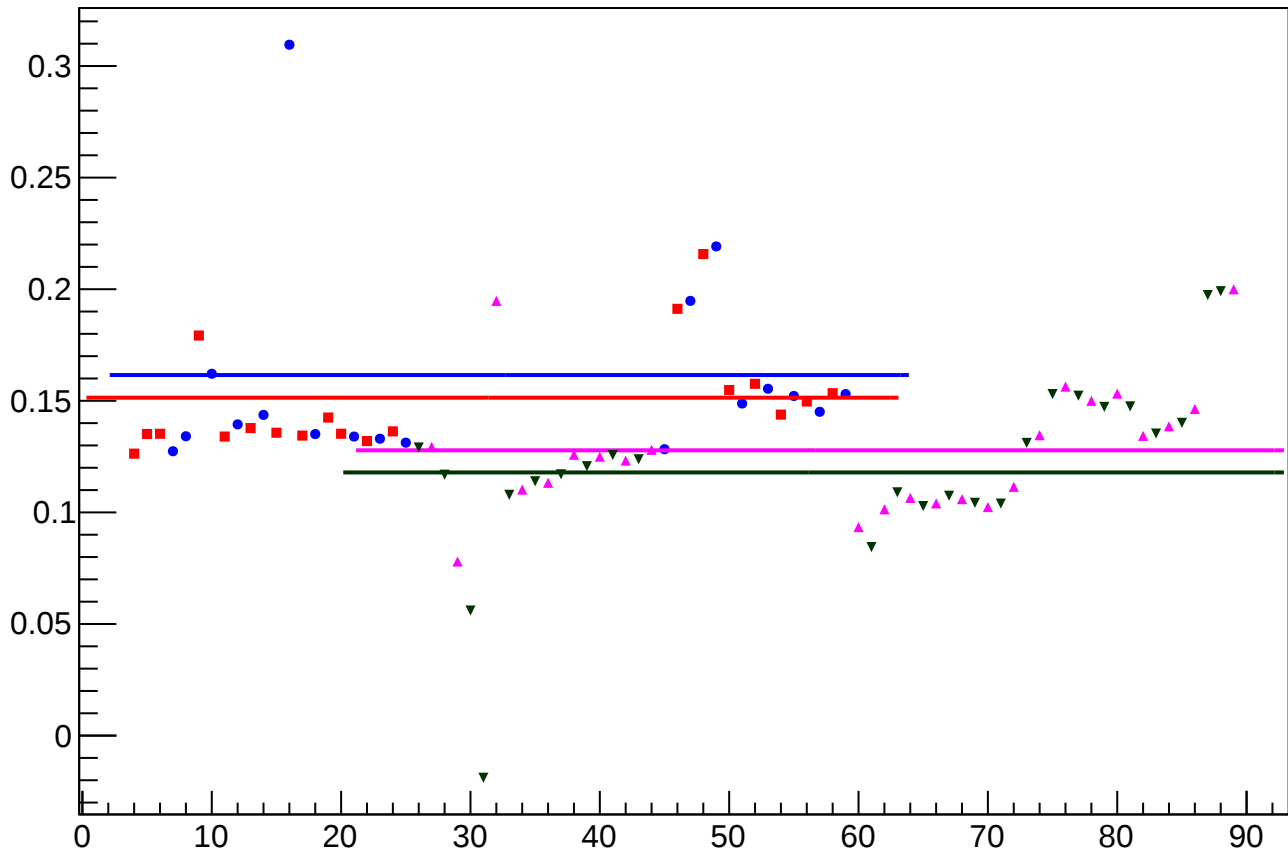
Right Out: 0.003+/-0.000 χ^2/NDF : 382277.8/18

Left In: 0.003+/-0.000 χ^2/NDF :206417.8/23

0.003+/-0.000 χ^2/NDF : 870315.9/42

0.003+/-0.000 χ^2/NDF : 757503.3/42

yield_bpm0l08X_mean vs slug



Right In: 0.162 $\pm$ 0.000 χ^2 /NDF: 94764439.1/17

Left Out: 0.118 $\pm$ 0.000 χ^2 /NDF:80066609.4/24

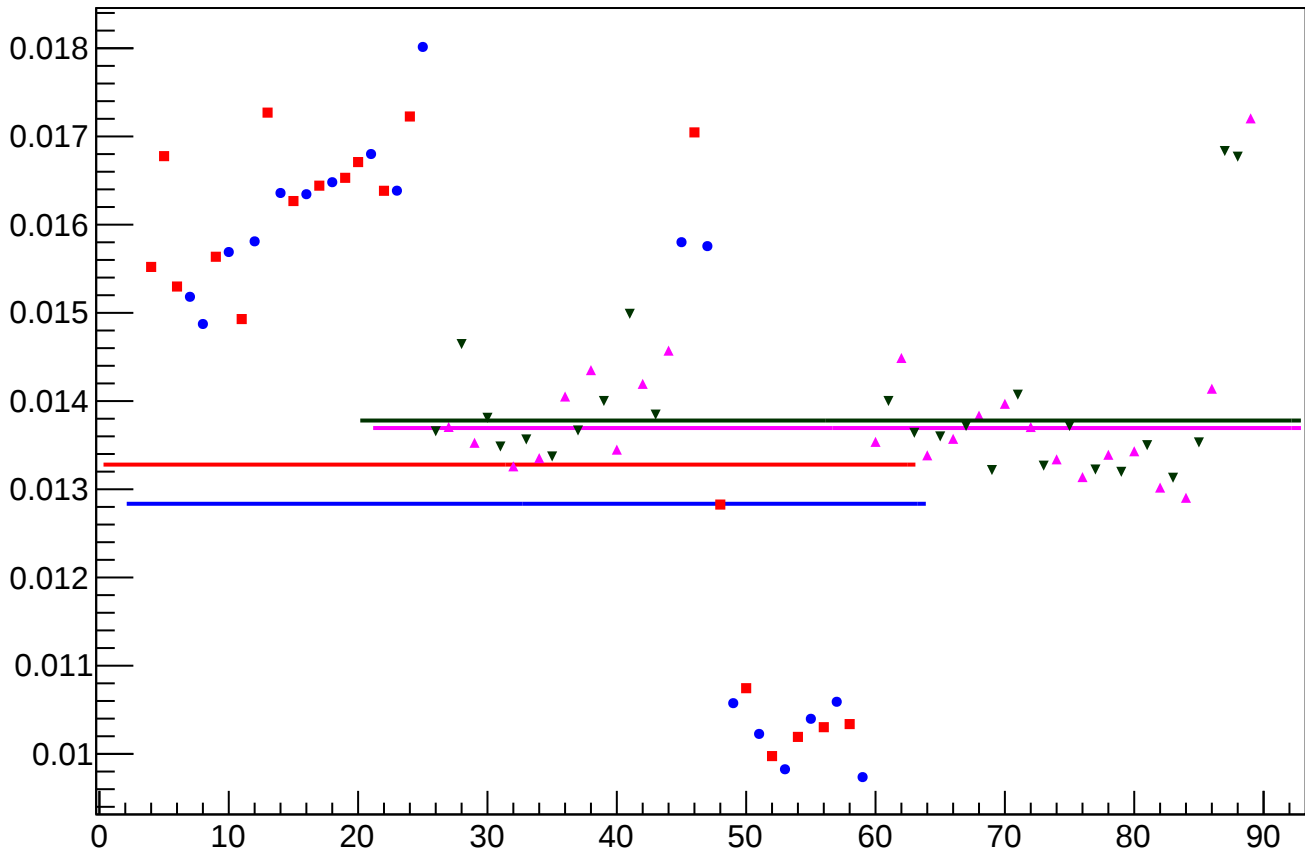
Right Out: 0.151 $\pm$ 0.000 χ^2 /NDF: 22463584.0/18

Left In: 0.128 $\pm$ 0.000 χ^2 /NDF:61602746.0/23

0.139 $\pm$ 0.000 χ^2 /NDF: 235934716.5/42

0.138 $\pm$ 0.000 χ^2 /NDF: 100624330.2/42

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 : 59511.0/24

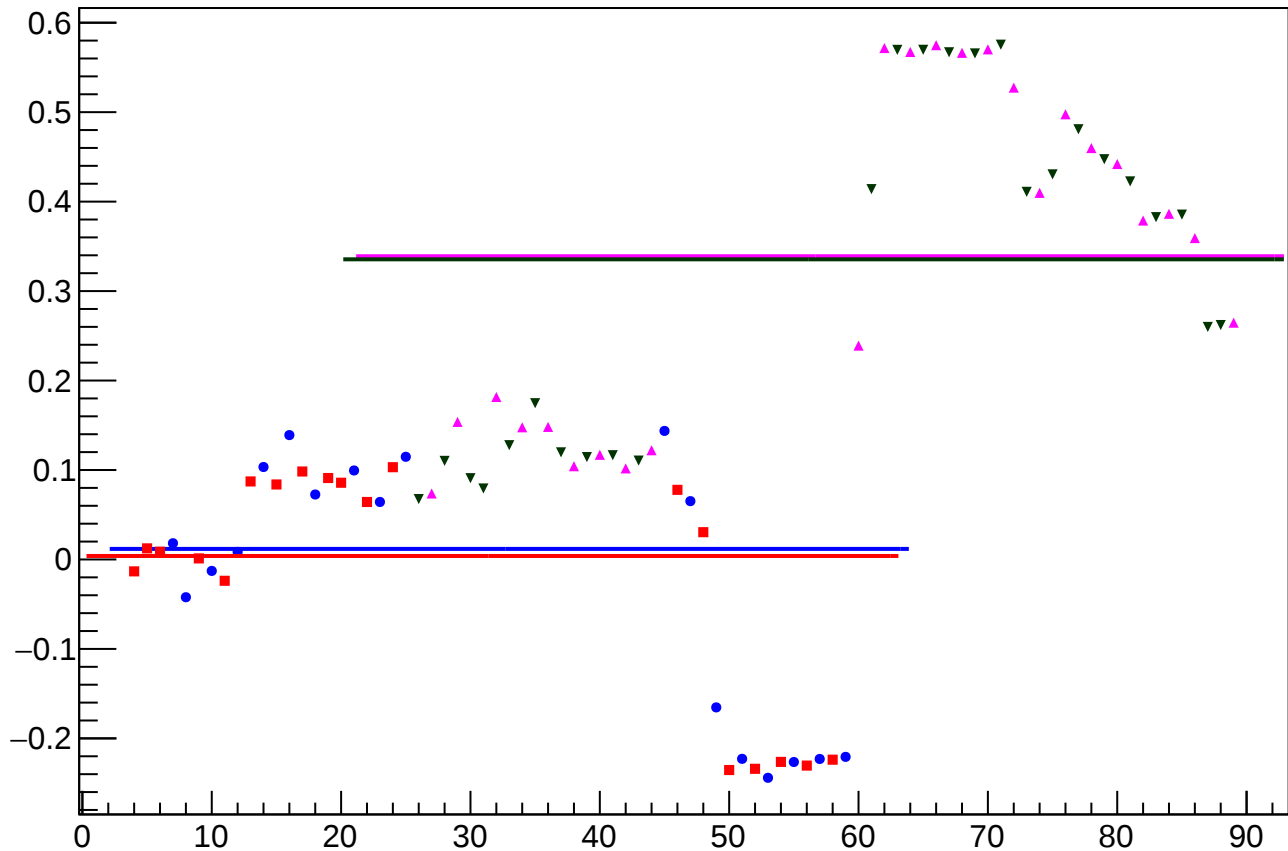
Right Out: 0.013+/-0.000 χ^2/NDF : 890007.3/18

Left In: 0.014+/-0.000 χ^2/NDF : 61907.5/23

0.013+/-0.000 χ^2/NDF : 1204923.4/42

0.014+/-0.000 χ^2/NDF : 962148.4/42

yield_bpm0l08Y_mean vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 12179192870.2/17

Left Out: 0.336 $\pm$ 0.000 χ^2 /NDF: 45677104590.3/24

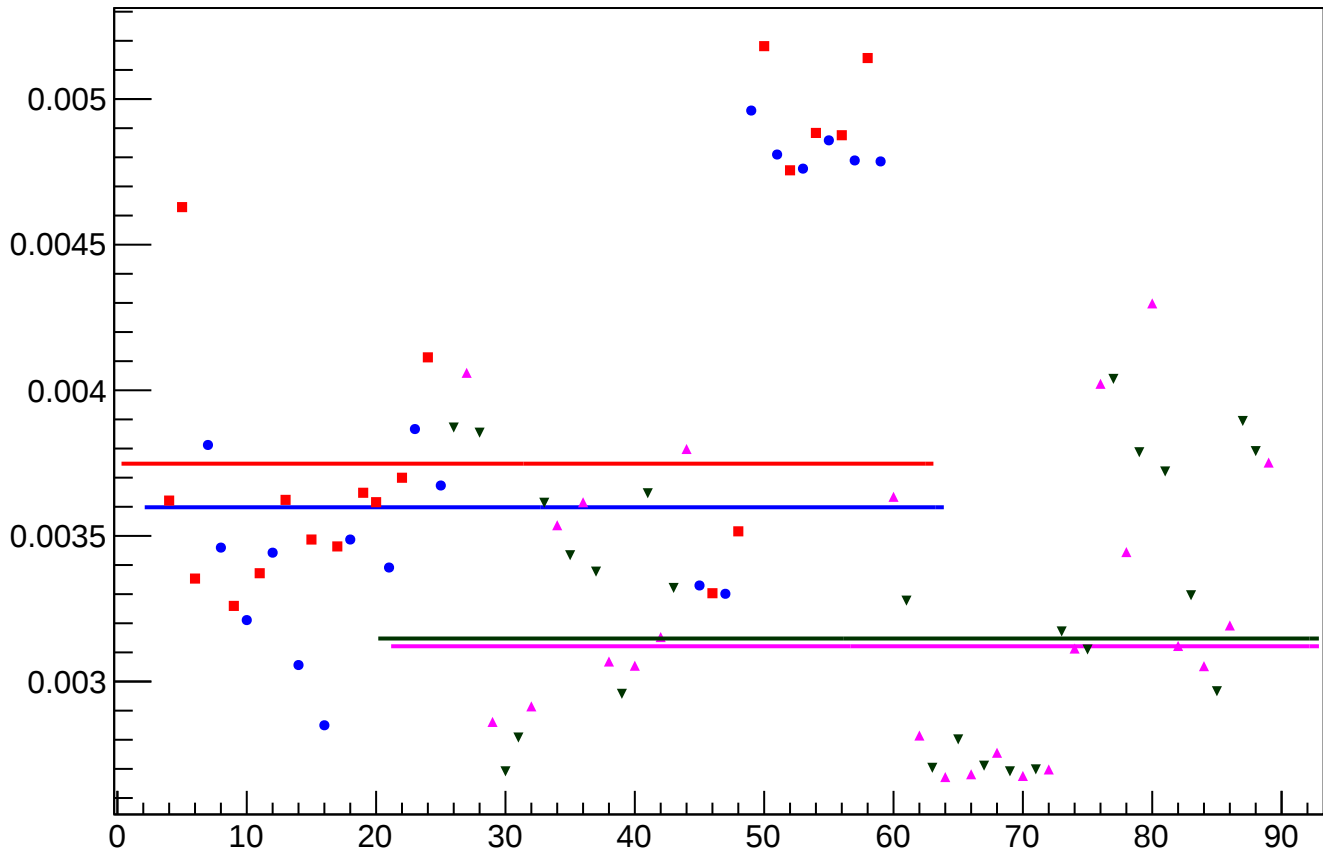
0.204 $\pm$ 0.000 χ^2 /NDF: 108090698538.6/42

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 7924148421.7/18

0.226 $\pm$ 0.000 χ^2 /NDF: 101881415410.0/42

Left In: 0.339 $\pm$ 0.000 χ^2 /NDF: 45242299720.9/23

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 : 434373.7/24

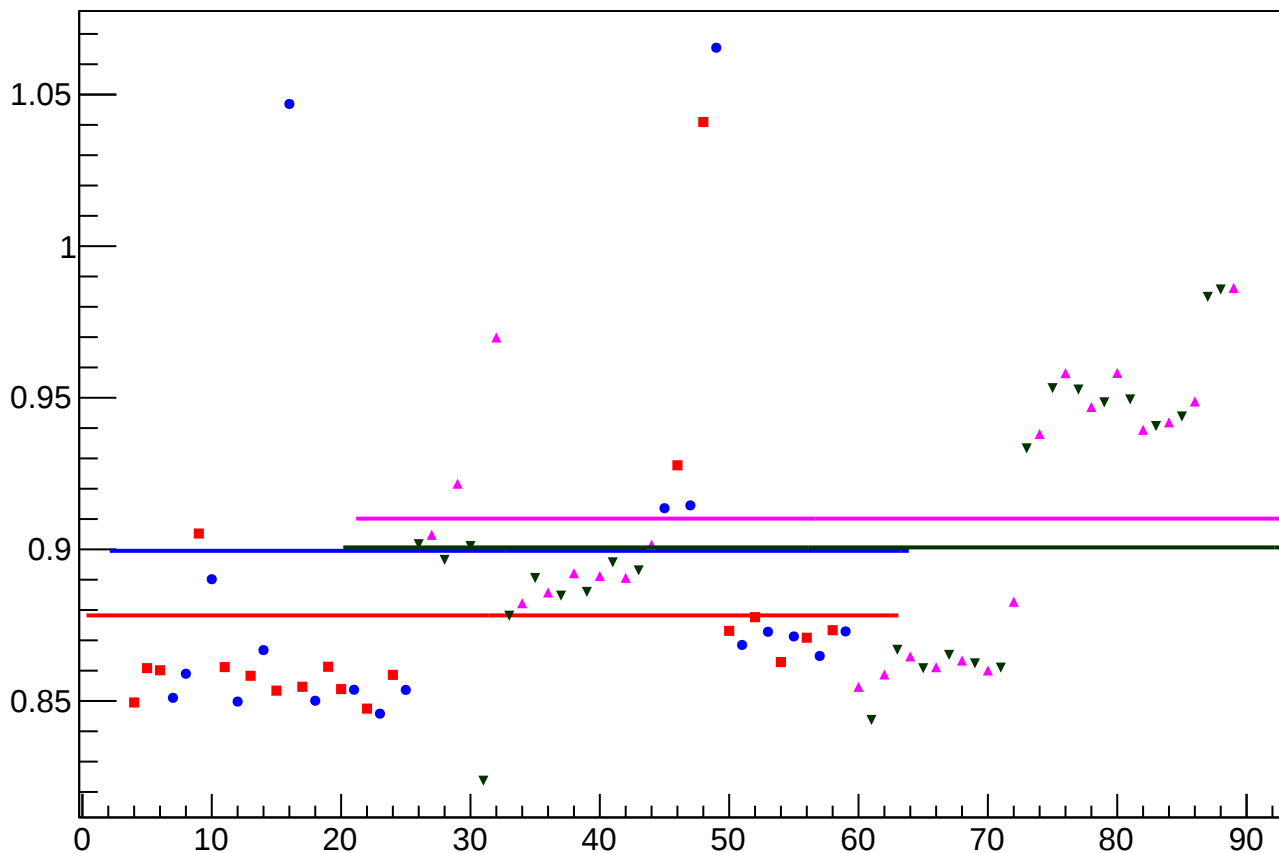
Right Out: 0.004+/-0.000 χ^2/NDF : 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF : 491192.0/23

0.003+/-0.000 χ^2/NDF : 1302068.0/42

0.003+/-0.000 χ^2/NDF : 1259642.5/42

yield_bpm0l09X_mean vs slug



Right In: 0.900+/-0.000 χ^2/NDF : 324904340.4/17

Left Out: 0.901+/-0.000 χ^2/NDF : 96400164.9/24

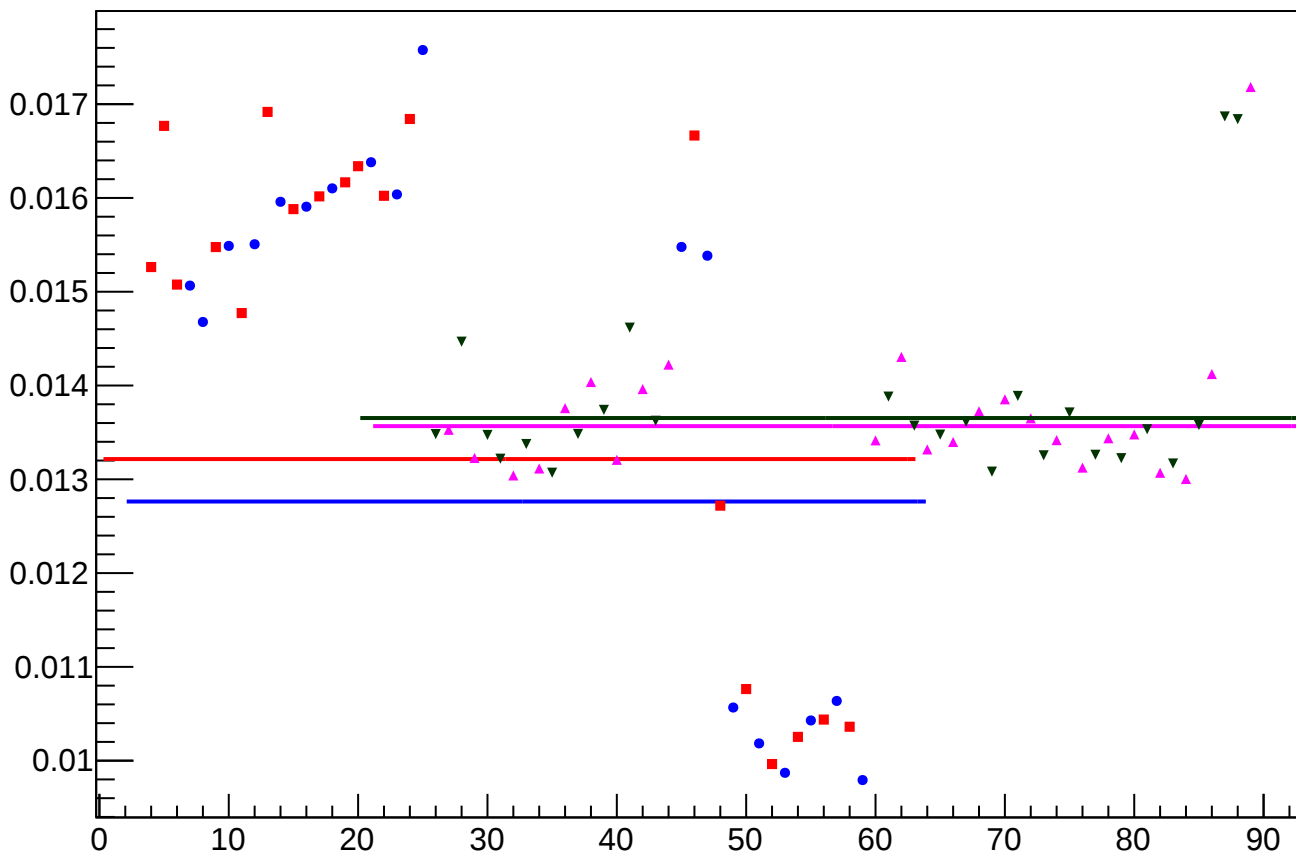
Right Out: 0.878+/-0.000 χ^2/NDF : 92356263.0/18

Left In: 0.910+/-0.000 χ^2/NDF : 106169575.2/23

0.900+/-0.000 χ^2/NDF : 421345599.0/42

0.897+/-0.000 χ^2/NDF : 229292194.0/42

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 : 57656.8/24

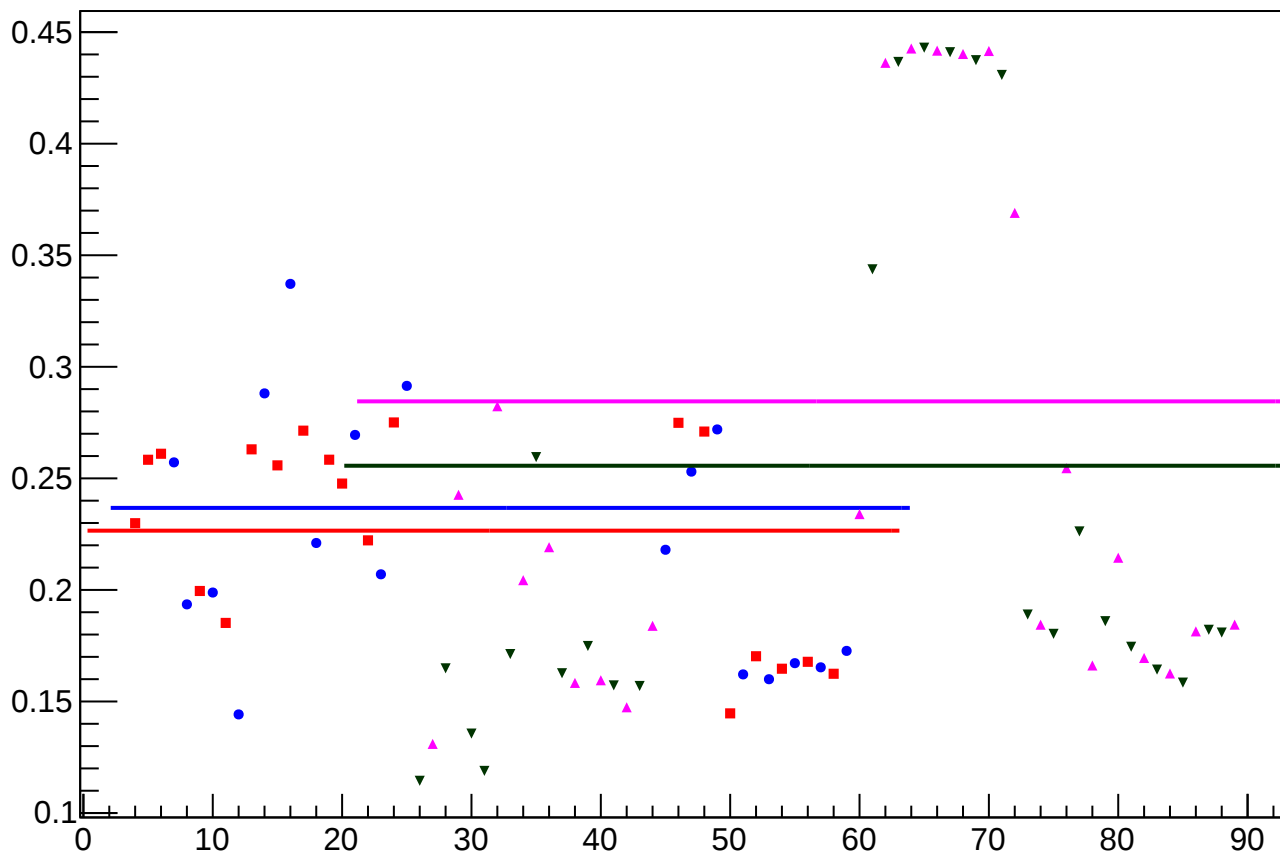
Right Out: 0.013+/-0.000 χ^2/NDF : 798846.8/18

Left In: 0.014+/-0.000 χ^2/NDF : 57995.4/23

0.013+/-0.000 χ^2/NDF : 1089455.5/42

0.013+/-0.000 χ^2/NDF : 864282.9/42

yield_bpm0l09Y_mean vs slug



Right In: 0.237 $\pm$ 0.000 χ^2/NDF : 2411617824.9/17

Left Out: 0.256 $\pm$ 0.000 χ^2/NDF :16849960063.7/24

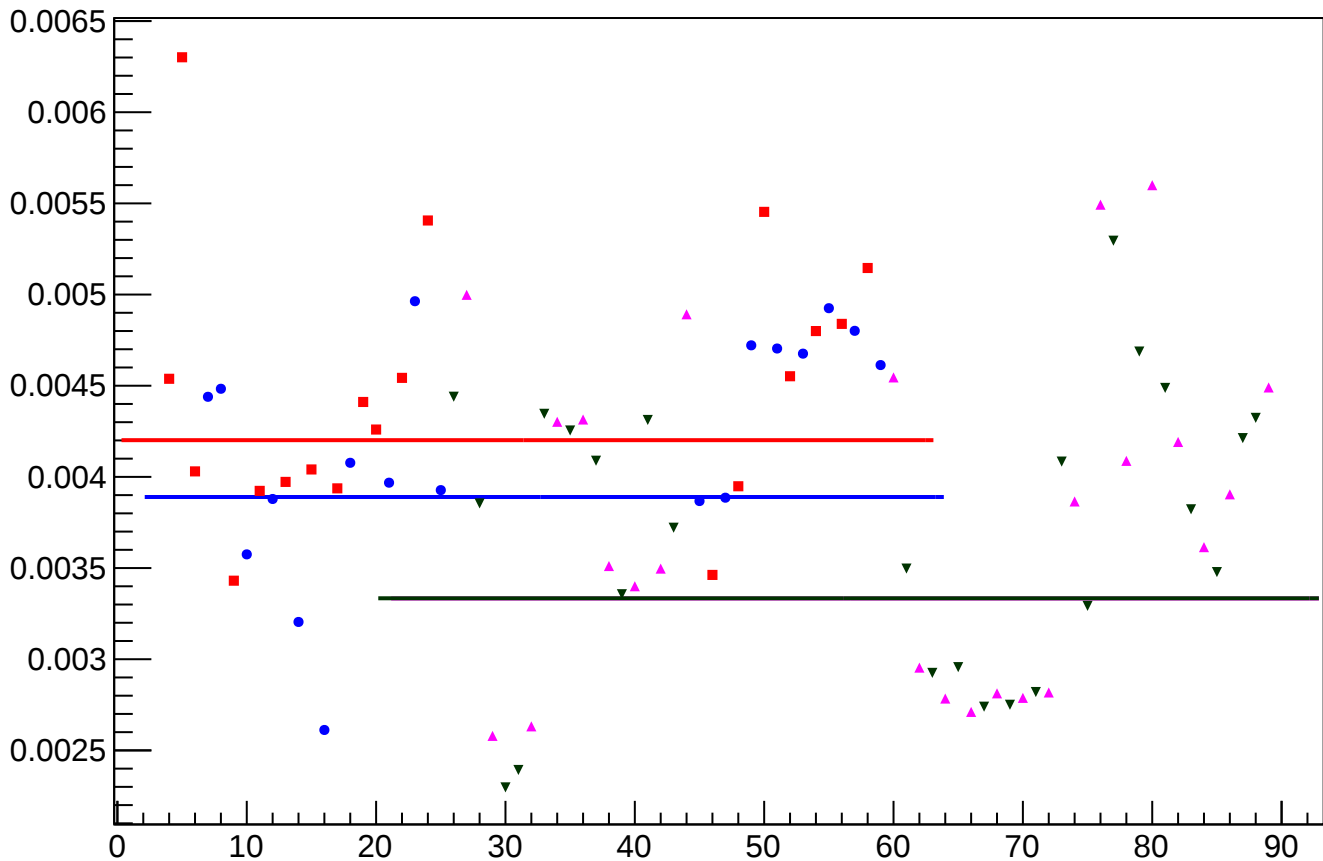
Right Out: 0.227 $\pm$ 0.000 χ^2/NDF : 943883207.4/18

Left In: 0.285 $\pm$ 0.000 χ^2/NDF :13872305697.7/23

0.248 $\pm$ 0.000 χ^2/NDF : 19405477394.5/42

0.266 $\pm$ 0.000 χ^2/NDF : 15970336611.4/42

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:1123681.5/24

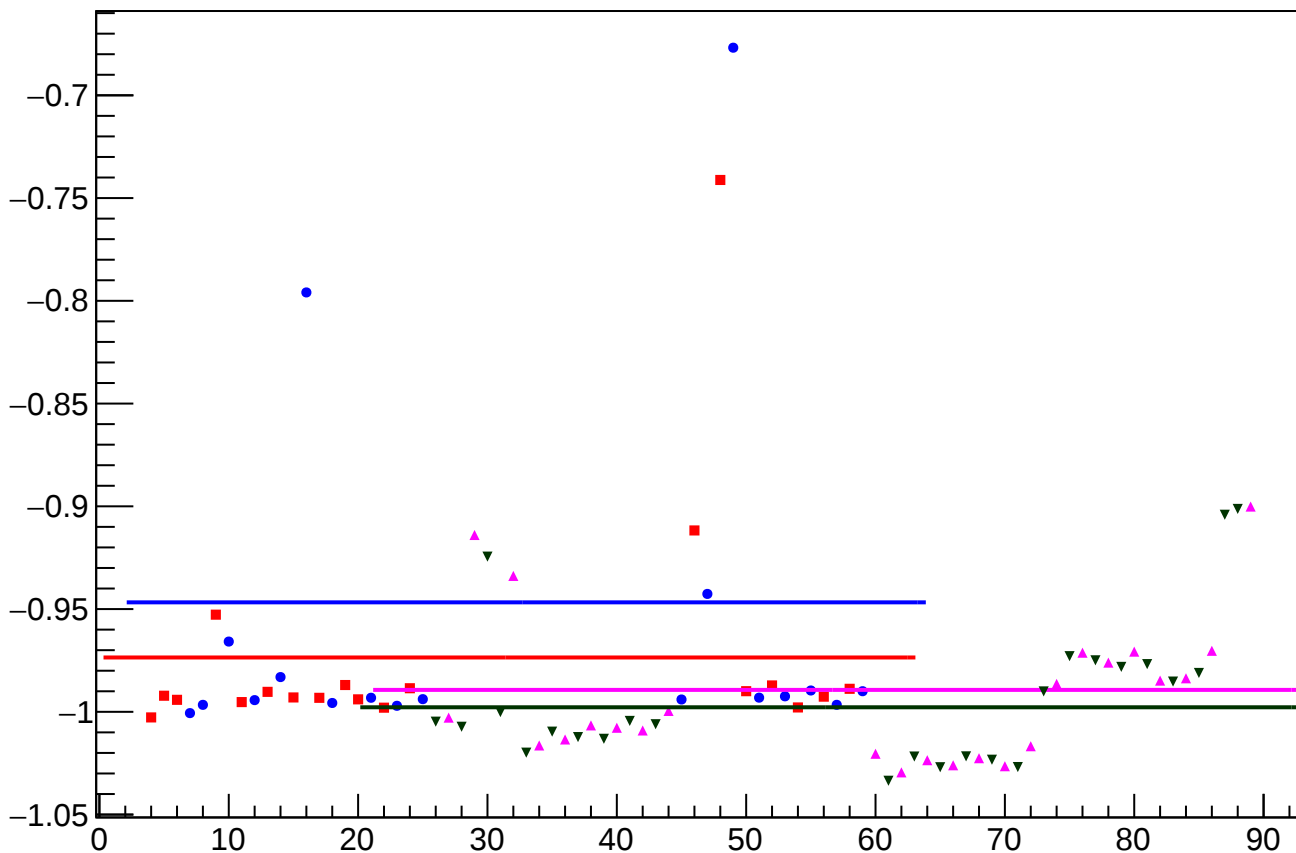
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 341340.8/18

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:1394998.2/23

0.004 $\pm$ 0.000 χ^2 /NDF: 2068201.7/42

0.004 $\pm$ 0.000 χ^2 /NDF: 2254571.3/42

yield_bpm0l10X_mean vs slug



Right In: -0.947 ± 0.000 χ^2/NDF : 662253046.3/17

Left Out: -0.998 ± 0.000 χ^2/NDF : 57859507.3/24

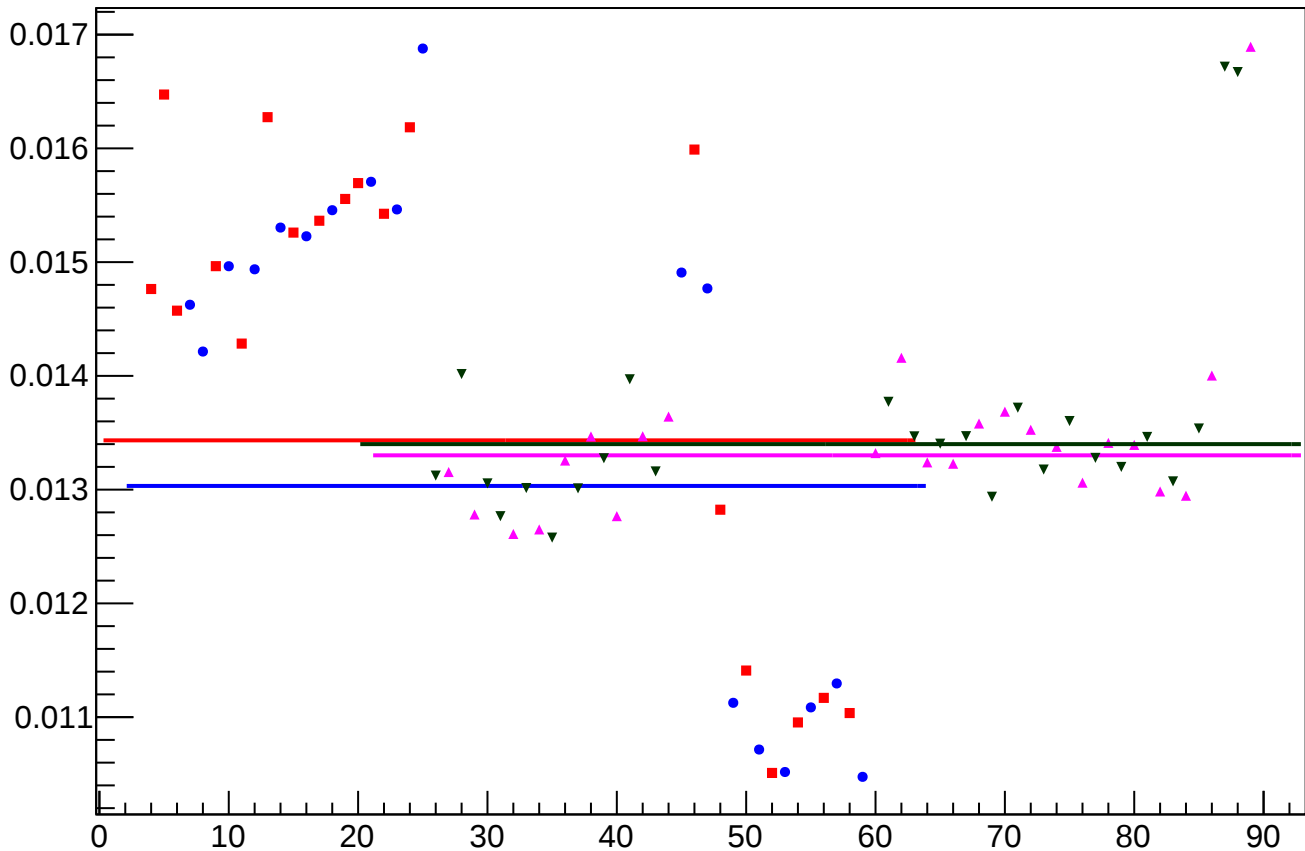
Right Out: -0.974 ± 0.000 χ^2/NDF : 174691792.1/18

Left In: -0.989 ± 0.000 χ^2/NDF : 92407724.7/23

-0.973 ± 0.000 χ^2/NDF : 805446809.7/42

-0.983 ± 0.000 χ^2/NDF : 274644929.1/42

yield_bpm0l10X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 587832.0/17

Left Out: 0.013+/-0.000 χ^2/NDF : 58339.2/24

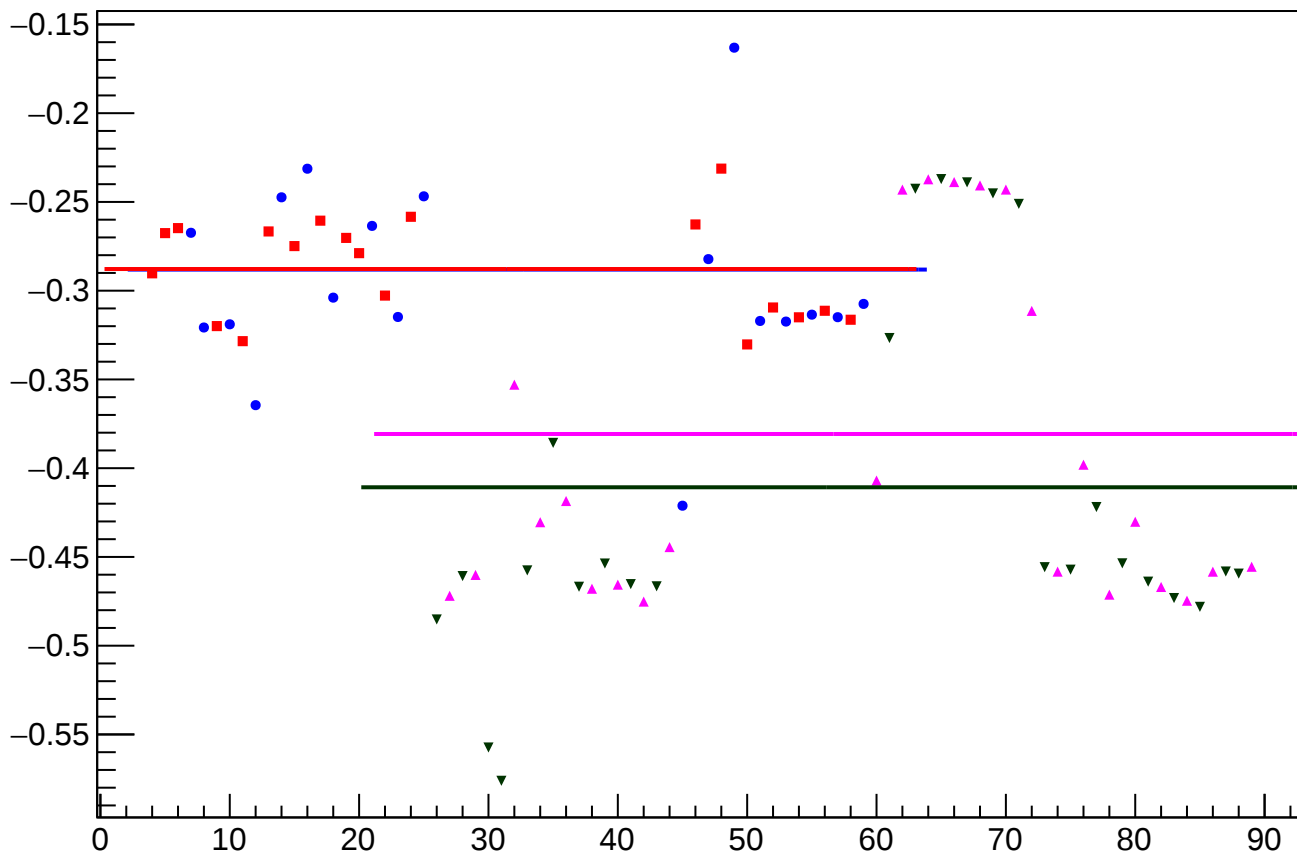
Right Out: 0.013+/-0.000 χ^2/NDF : 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF : 60939.1/23

0.013+/-0.000 χ^2/NDF : 655012.5/42

0.013+/-0.000 χ^2/NDF : 541235.4/42

yield_bpm0l10Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 2601289511.6/17

Left Out: -0.411+/-0.000 χ^2/NDF : 14365239008.3/24

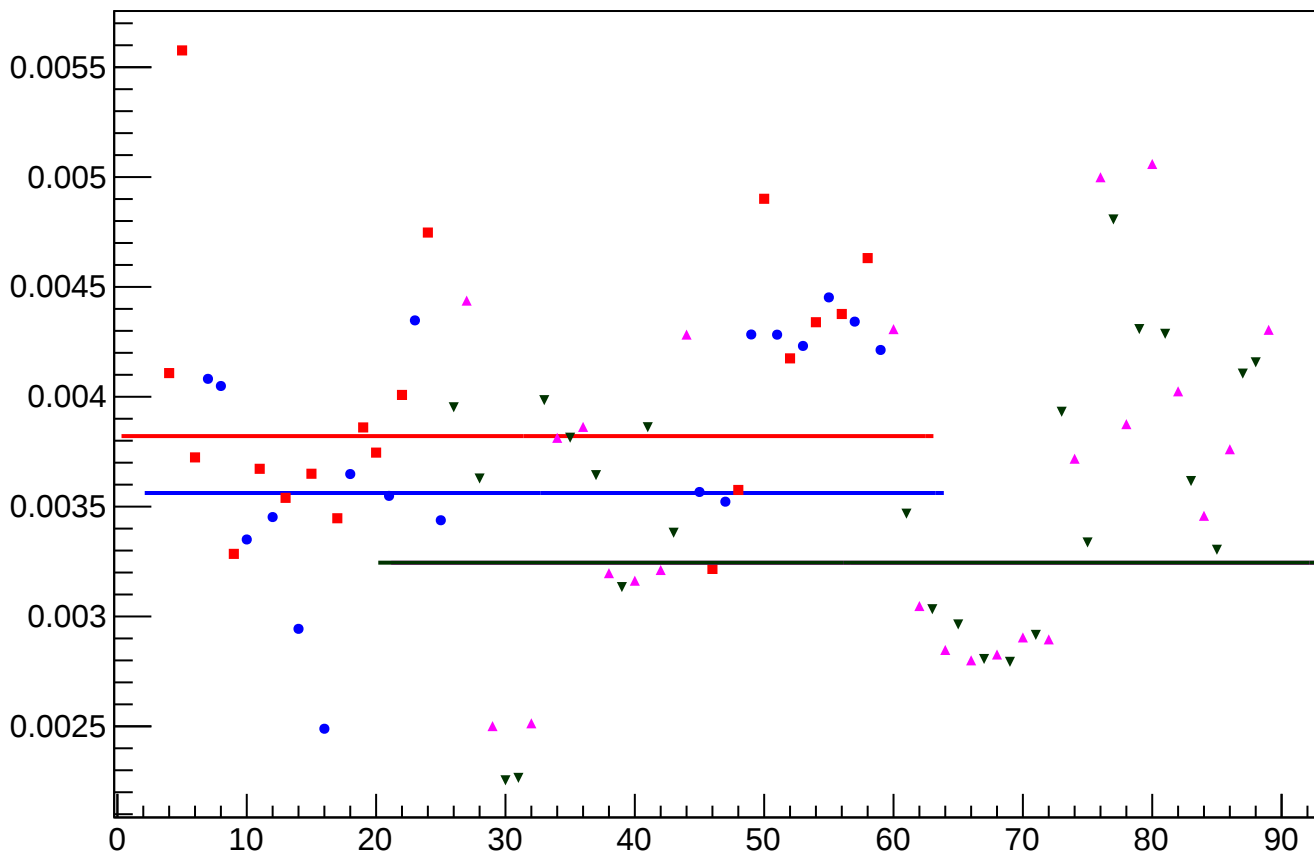
Right Out: -0.288+/-0.000 χ^2/NDF : 515794849.9/18

Left In: -0.381+/-0.000 χ^2/NDF : 10263501036.8/23

-0.358+/-0.000 χ^2/NDF : 23957987969.8/42

-0.348+/-0.000 χ^2/NDF : 14267454473.9/42

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 : 857087.0/24

Right Out: 0.004+/-0.000 χ^2/NDF : 282191.6/18

Left In: 0.003+/-0.000 χ^2/NDF : 1061790.0/23

0.003+/-0.000 χ^2/NDF : 1539284.5/42

0.003+/-0.000 χ^2/NDF : 1612578.8/42