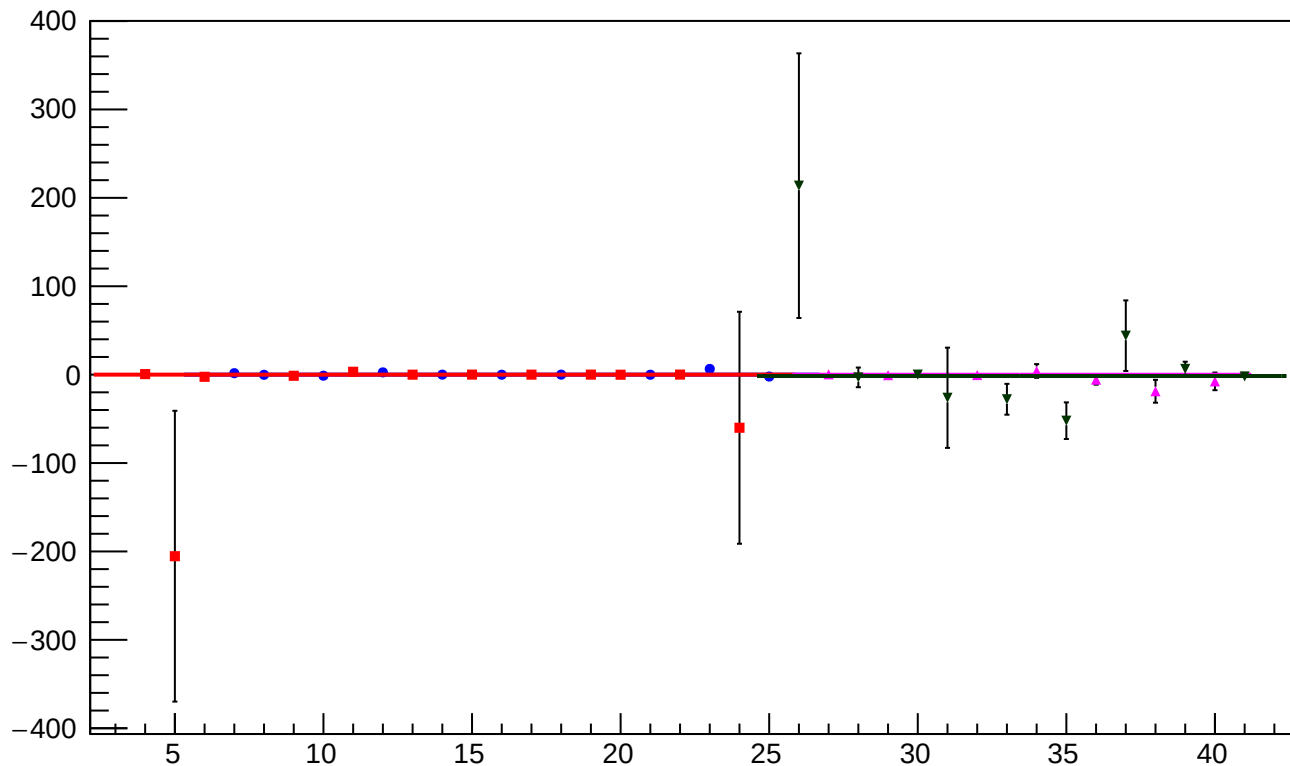


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -1.544 ± 1.629

Right Out: 0.017 ± 0.016

Left In: -0.119 ± 0.170

χ^2/NDF : 18.0/9

χ^2/NDF : 13.1/8

χ^2/NDF : 19.3/11

χ^2/NDF : 11.9/6

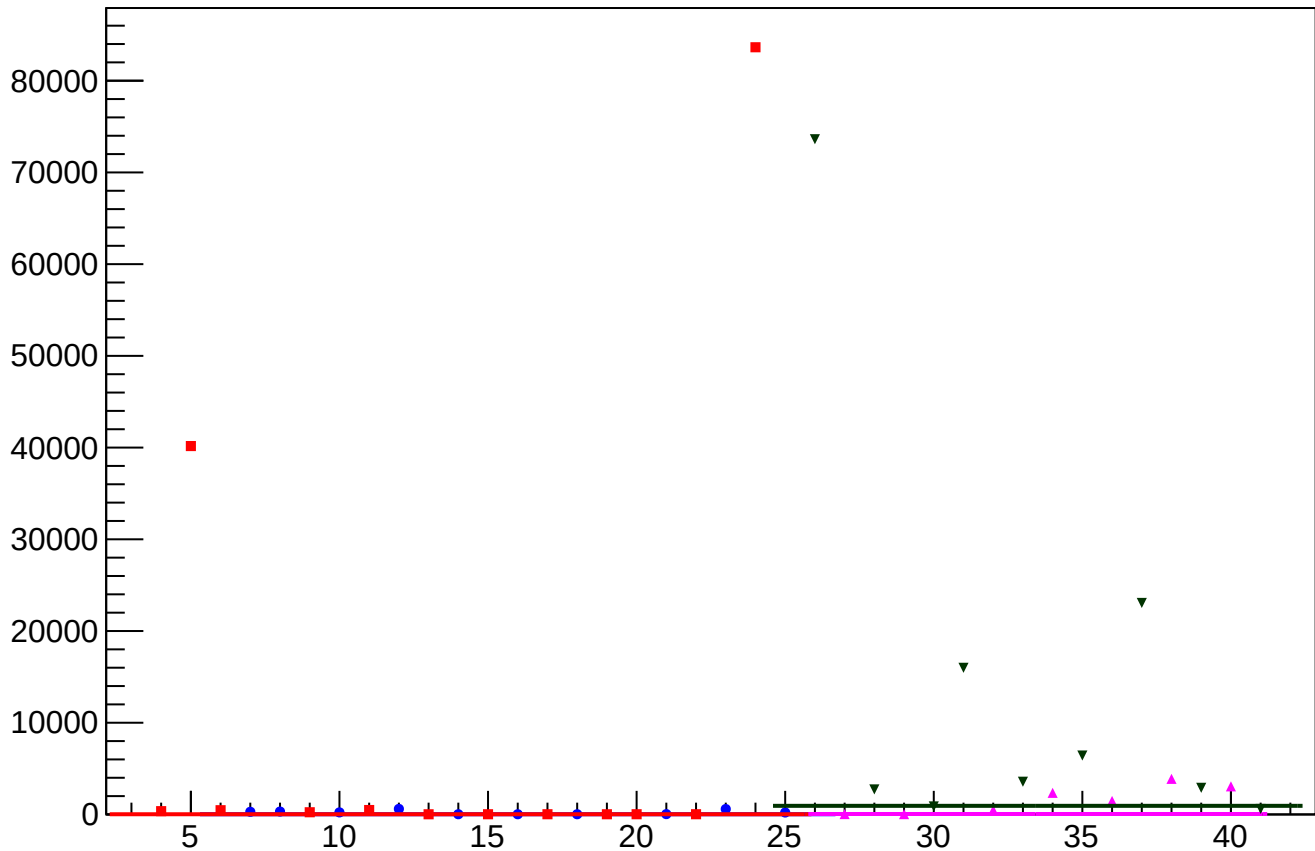
-0.014 ± 0.014

0.016 ± 0.016

χ^2/NDF : 32.0/18

χ^2/NDF : 31.9/18

diff_cav4bX_rms vs slug



Right In: 22.399+/-0.010 χ^2/NDF : 770487.0/9

Left Out: 940.404+/-1.152 χ^2/NDF :1636195.4/8

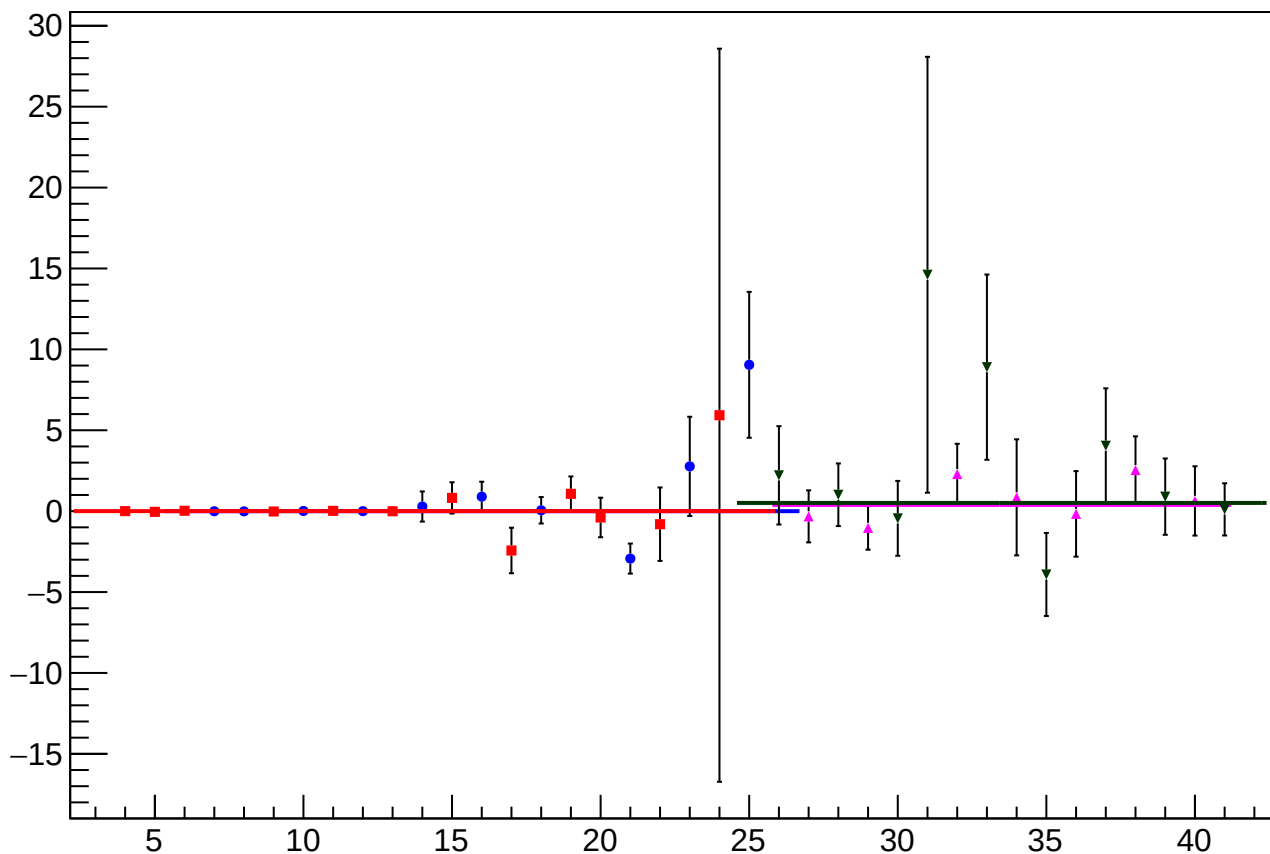
Right Out: 22.575+/-0.011 χ^2/NDF : 1409994.7/11

Left In: 49.856+/-0.120 χ^2/NDF :903119.8/6

22.470+/-0.010 χ^2/NDF : 3041932.4/18

22.820+/-0.011 χ^2/NDF : 2364359.0/18

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 χ^2/NDF : 18.2/9

Left Out: 0.510 ± 0.847 χ^2/NDF : 7.8/8

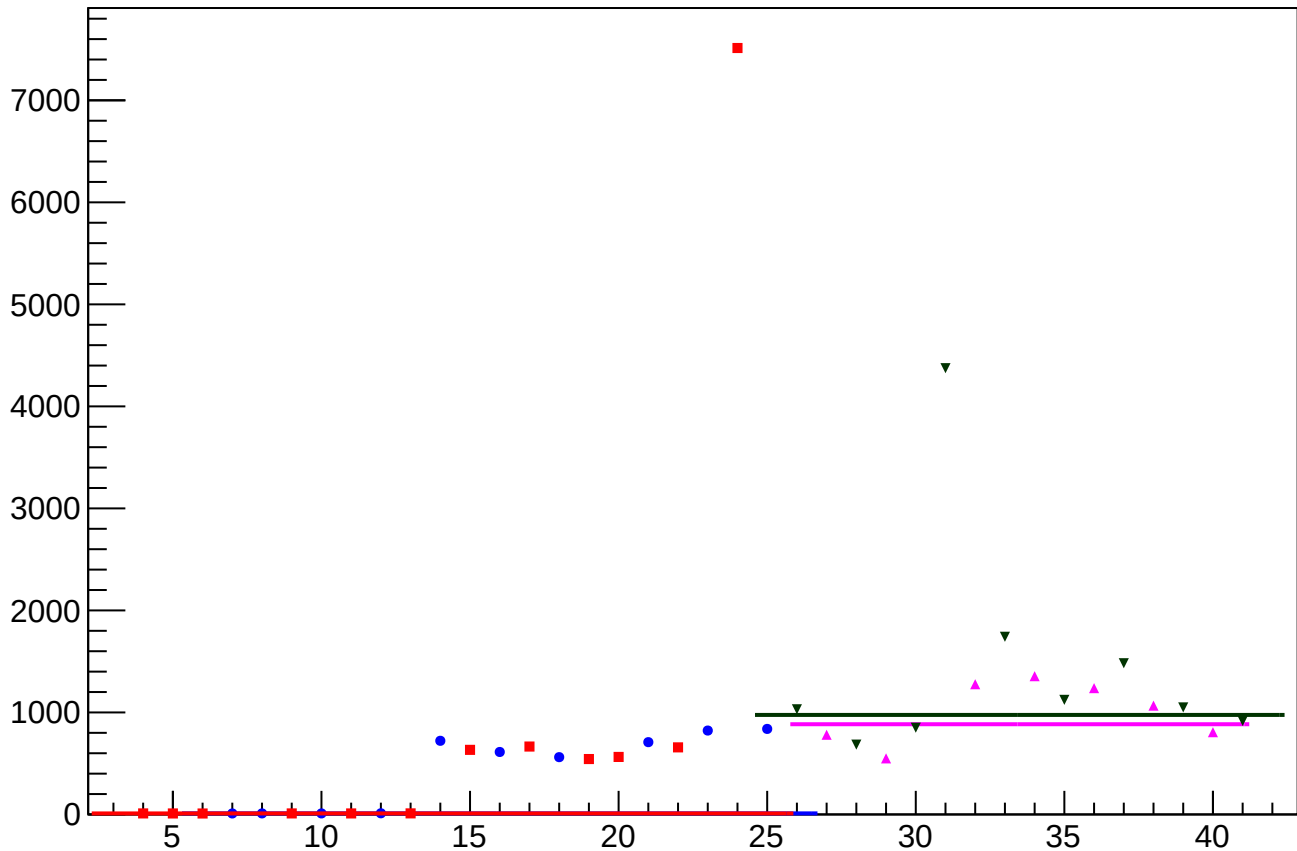
Right Out: 0.002 ± 0.005 χ^2/NDF : 17.0/11

Left In: 0.384 ± 0.727 χ^2/NDF : 3.5/6

-0.001 ± 0.006 χ^2/NDF : 26.4/18

0.002 ± 0.005 χ^2/NDF : 20.7/18

diff_cav4bY_rms vs slug



Right In: 10.490+/-0.005 χ^2/NDF : 4277929.6/9

Left Out: 975.612+/-0.599 χ^2/NDF : 266899.4/8

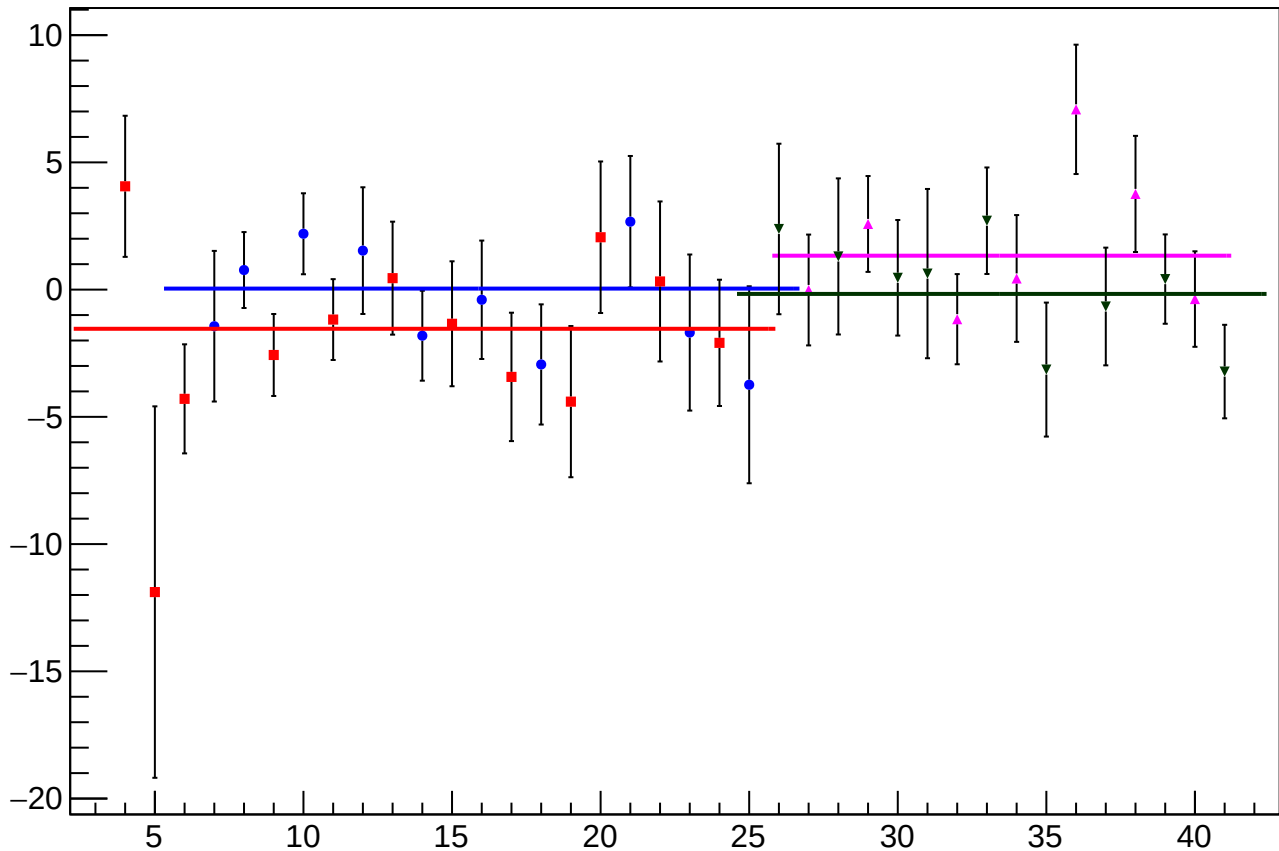
Right Out: 10.074+/-0.004 χ^2/NDF : 2563210.4/11

Left In: 884.374+/-0.514 χ^2/NDF : 307844.9/6

10.546+/-0.005 χ^2/NDF : 7140322.1/18

10.123+/-0.004 χ^2/NDF : 5765817.9/18

diff_cav4cX_mean vs slug



Right In: 0.040 $\pm$ 0.686 χ^2 /NDF: 7.7/9

Left Out: -0.169 $\pm$ 0.776 χ^2 /NDF: 7.0/8

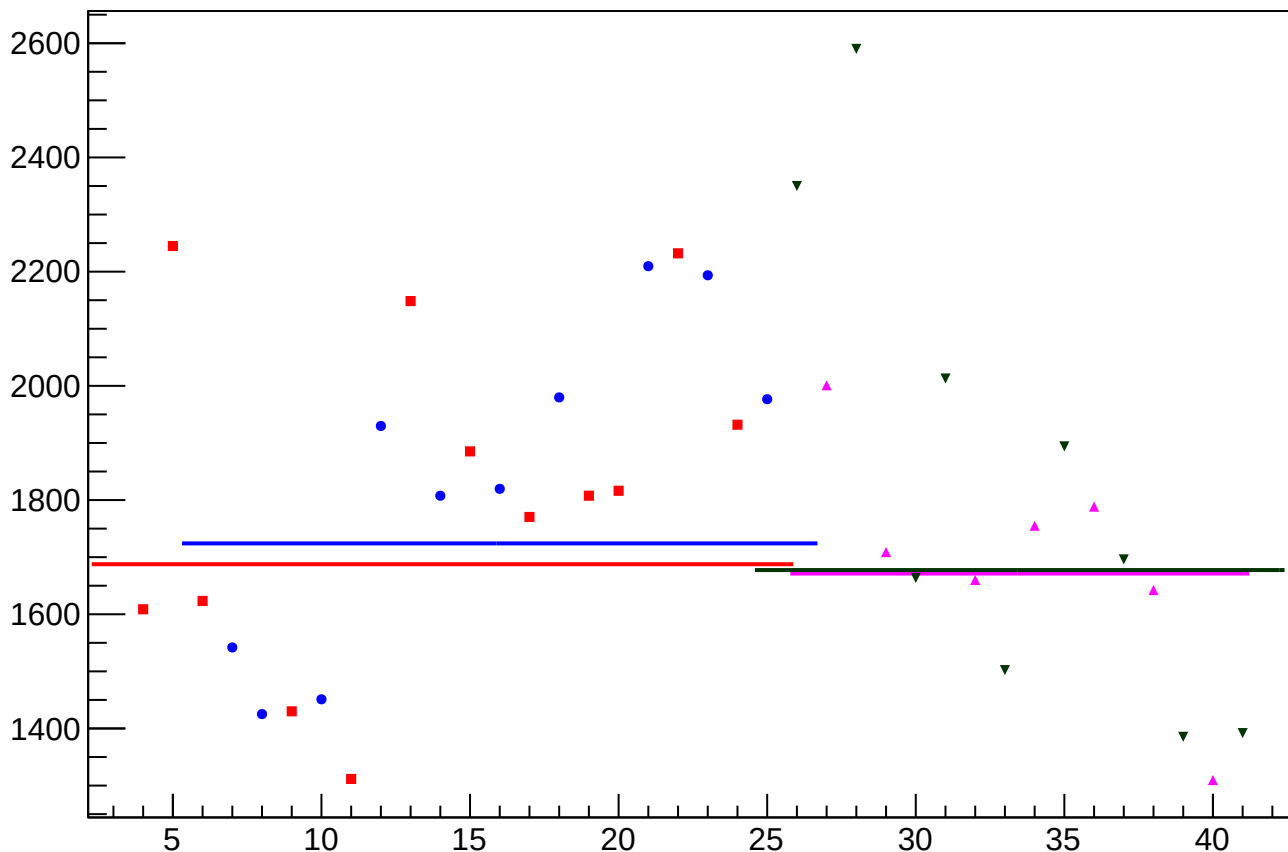
Right Out: -1.539 $\pm$ 0.680 χ^2 /NDF: 12.4/11

Left In: 1.333 $\pm$ 0.790 χ^2 /NDF: 10.0/6

-0.052 $\pm$ 0.514 χ^2 /NDF: 14.8/18

-0.317 $\pm$ 0.515 χ^2 /NDF: 30.0/18

diff_cav4cX_rms vs slug



Right In: 1724.107+/-0.485 χ^2/NDF : 317724.0/9

Left Out: 1677.433+/-0.549 χ^2/NDF : 409372.2/8

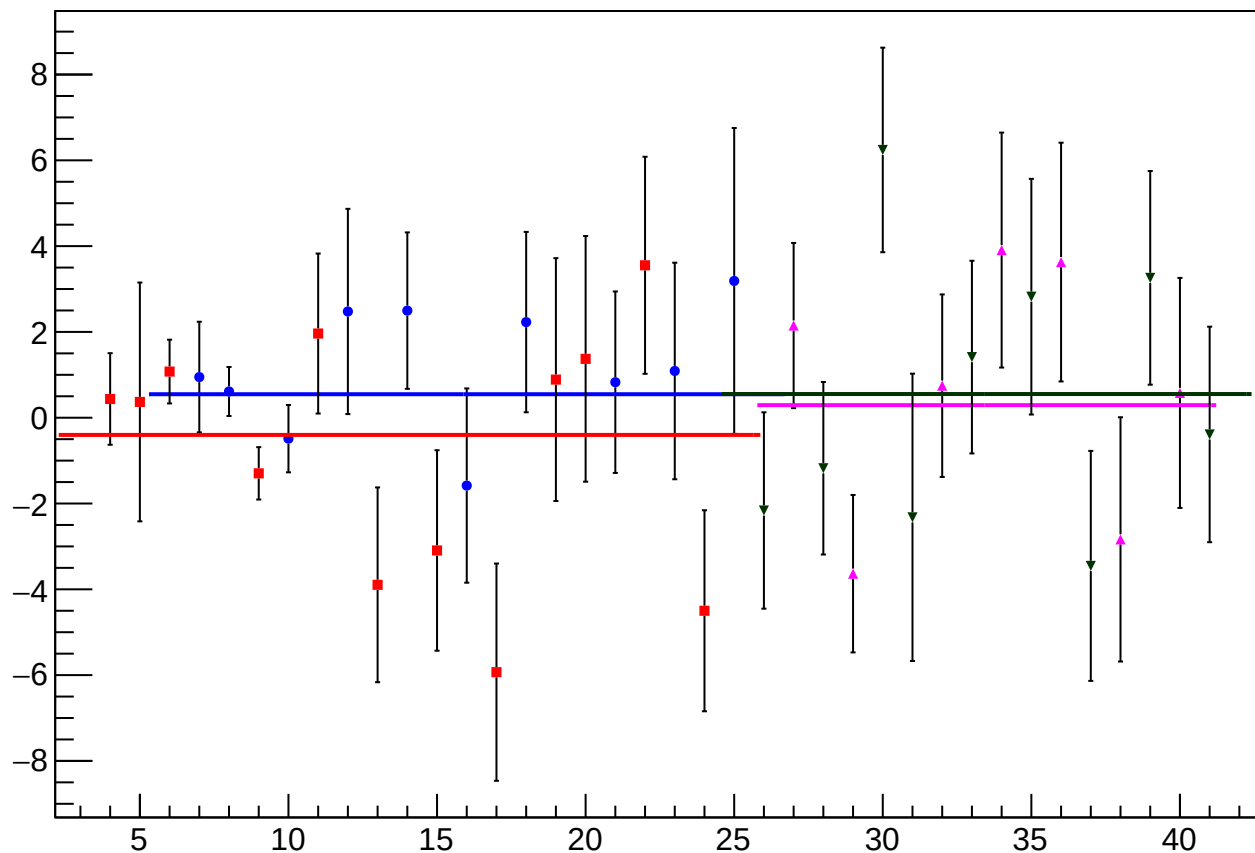
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

Left In: 1671.323+/-0.558 χ^2/NDF : 127822.0/6

1703.648+/-0.363 χ^2/NDF : 731157.9/18

1680.700+/-0.364 χ^2/NDF : 494315.7/18

diff_cav4cY_mean vs slug



Right In: 0.548 ± 0.388 χ^2/NDF : 5.8/9

Left Out: 0.552 ± 0.818 χ^2/NDF : 13.0/8

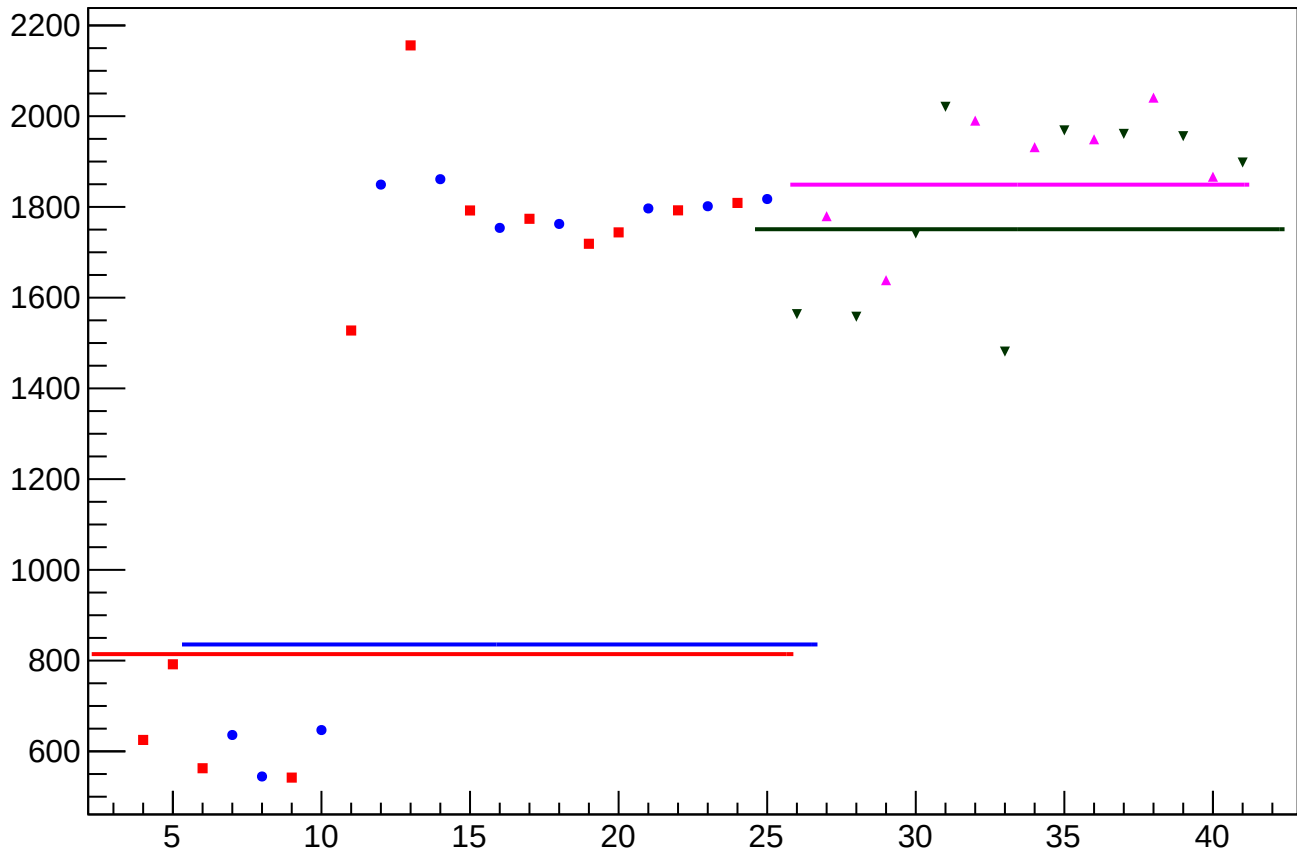
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: 0.293 ± 0.873 χ^2/NDF : 10.0/6

0.549 ± 0.351 χ^2/NDF : 18.7/18

-0.290 ± 0.349 χ^2/NDF : 33.5/18

diff_cav4cY_rms vs slug



Right In: 835.566+/-0.274 χ^2/NDF : 3249765.2/9

Left Out: 1750.837+/-0.579 χ^2/NDF :118921.1/8

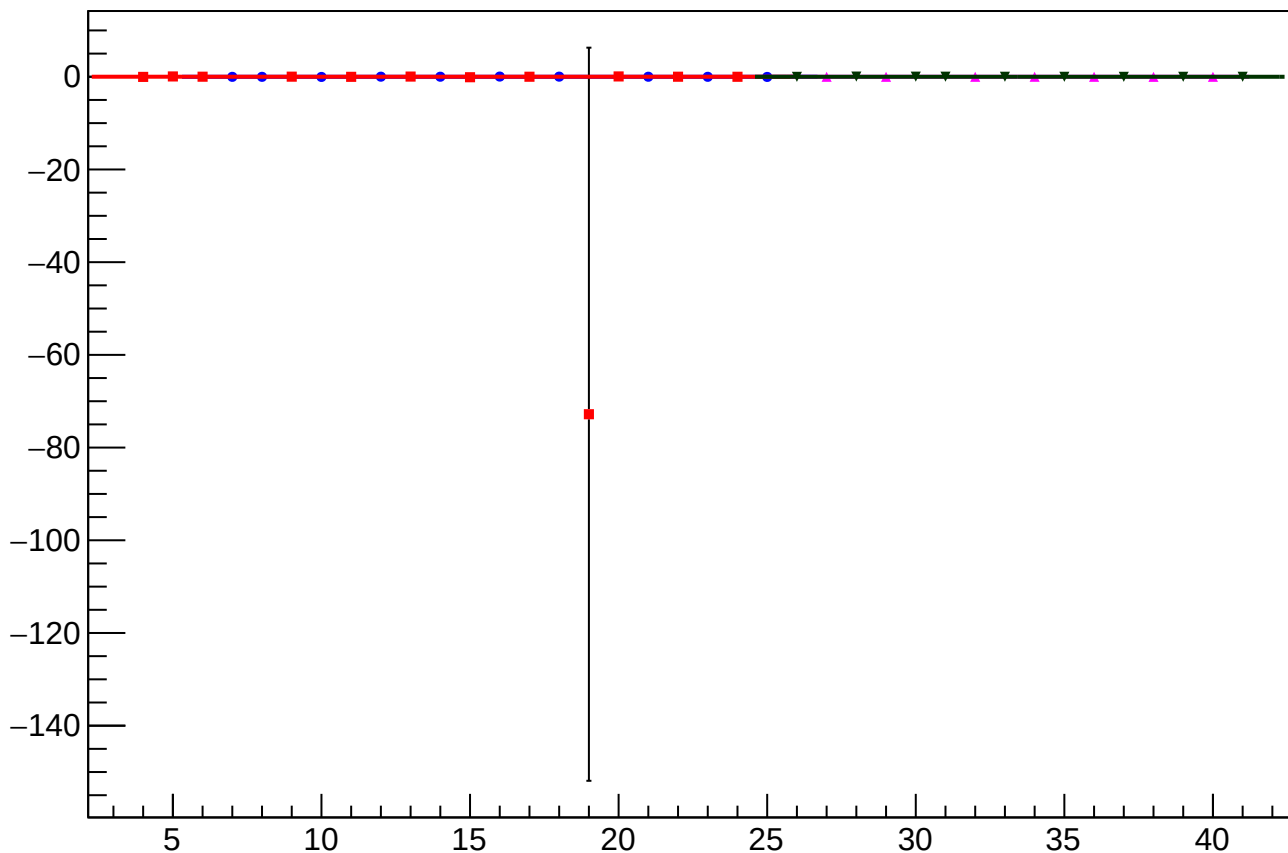
1003.467+/-0.248 χ^2/NDF : 5411134.9/18

Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

979.586+/-0.247 χ^2/NDF : 5806024.2/18

Left In: 1849.073+/-0.617 χ^2/NDF :51312.2/6

diff_cav4dX_mean vs slug



Right In: -0.005 $\pm$ 0.008 χ^2 /NDF: 5.9/9

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.6/8

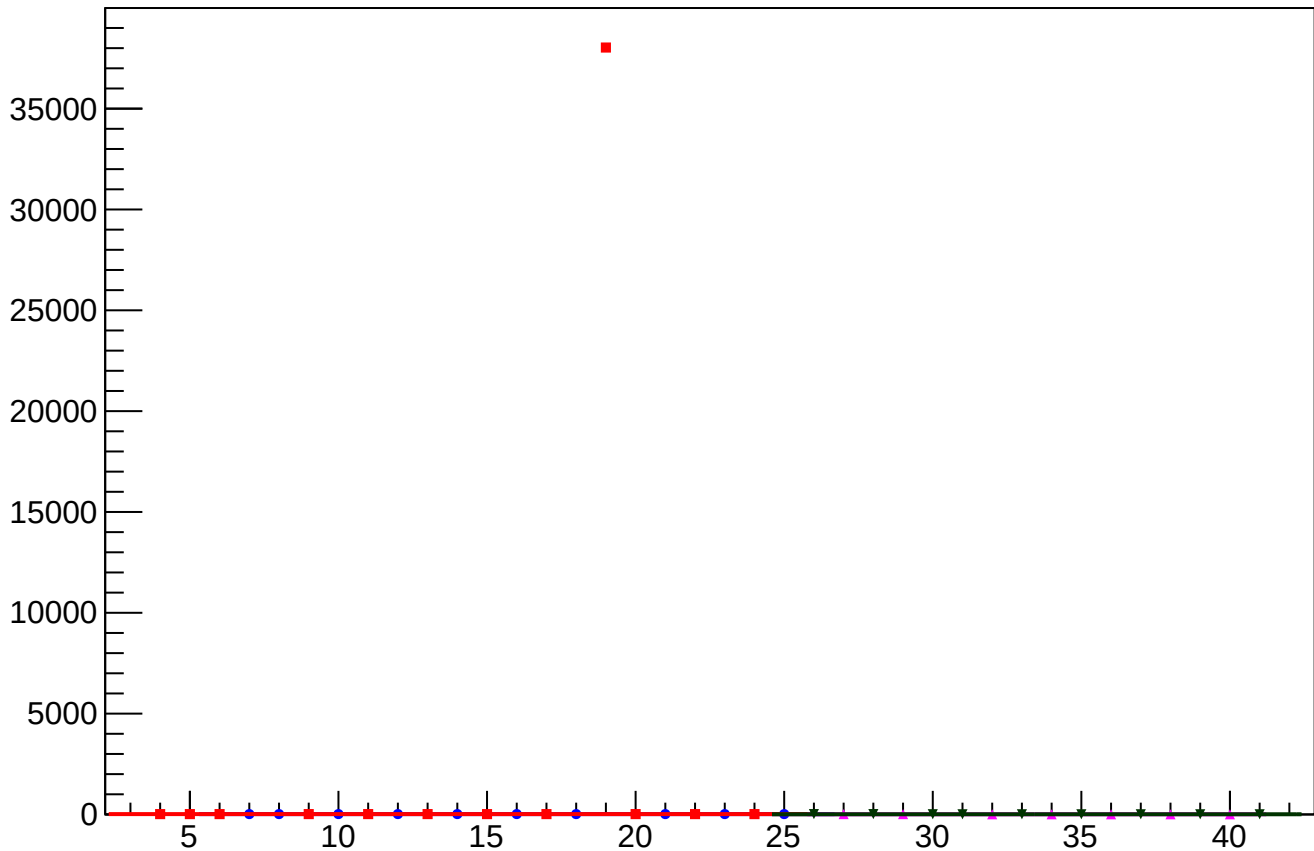
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.002 $\pm$ 0.005 χ^2 /NDF: 0.9/6

-0.001 $\pm$ 0.004 χ^2 /NDF: 15.0/18

0.002 $\pm$ 0.004 χ^2 /NDF: 14.2/18

diff_cav4dX_rms vs slug



Right In: 17.551 $\pm$ 0.006 χ^2 /NDF: 2298.7/9

Left Out: 9.433 $\pm$ 0.003 χ^2 /NDF: 584653.8/8

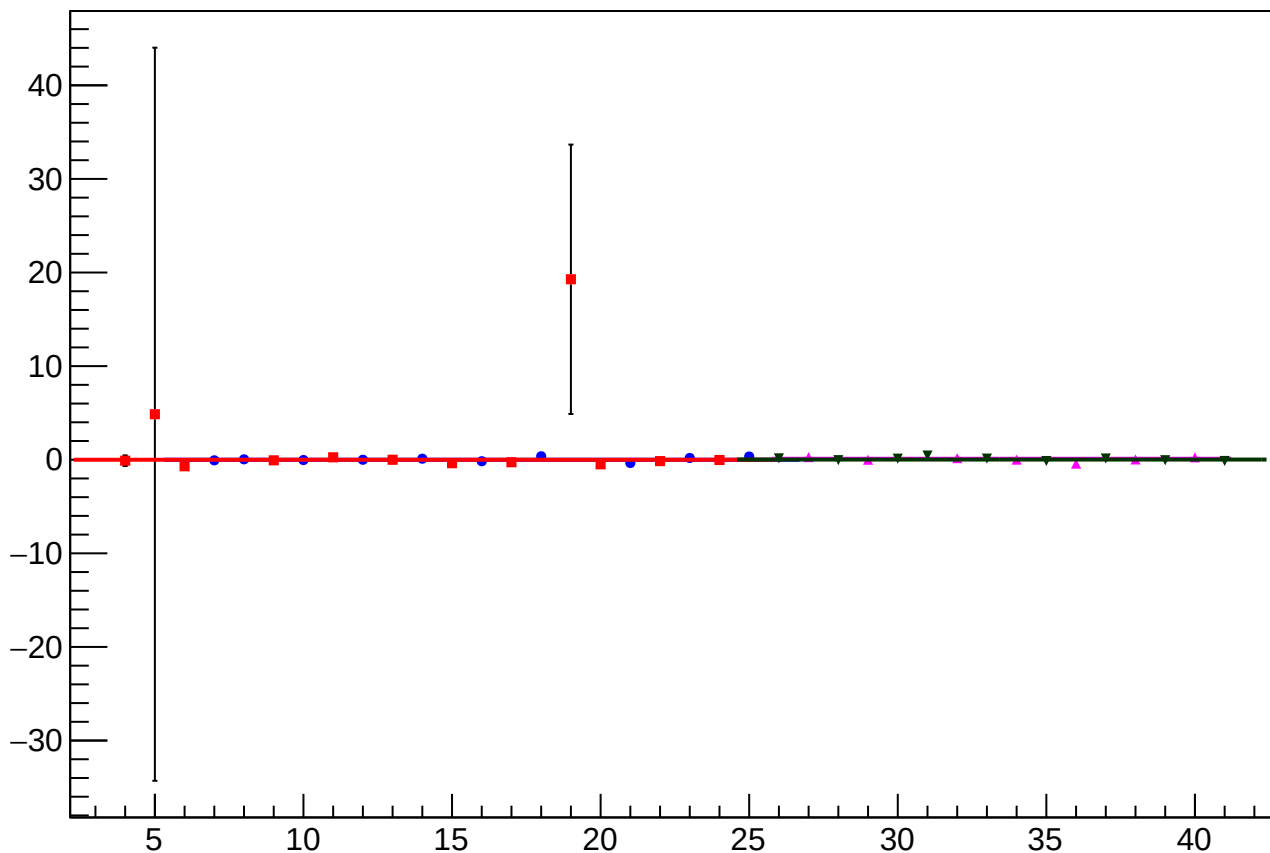
11.403 $\pm$ 0.003 χ^2 /NDF: 2177122.6/18

Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

11.704 $\pm$ 0.003 χ^2 /NDF: 2650934.9/18

Left In: 9.640 $\pm$ 0.003 χ^2 /NDF: 726511.0/6

diff_cav4dY_mean vs slug



Right In: -0.003 ± 0.003 χ^2/NDF : 15.0/9

Left Out: 0.018 ± 0.060 χ^2/NDF : 4.5/8

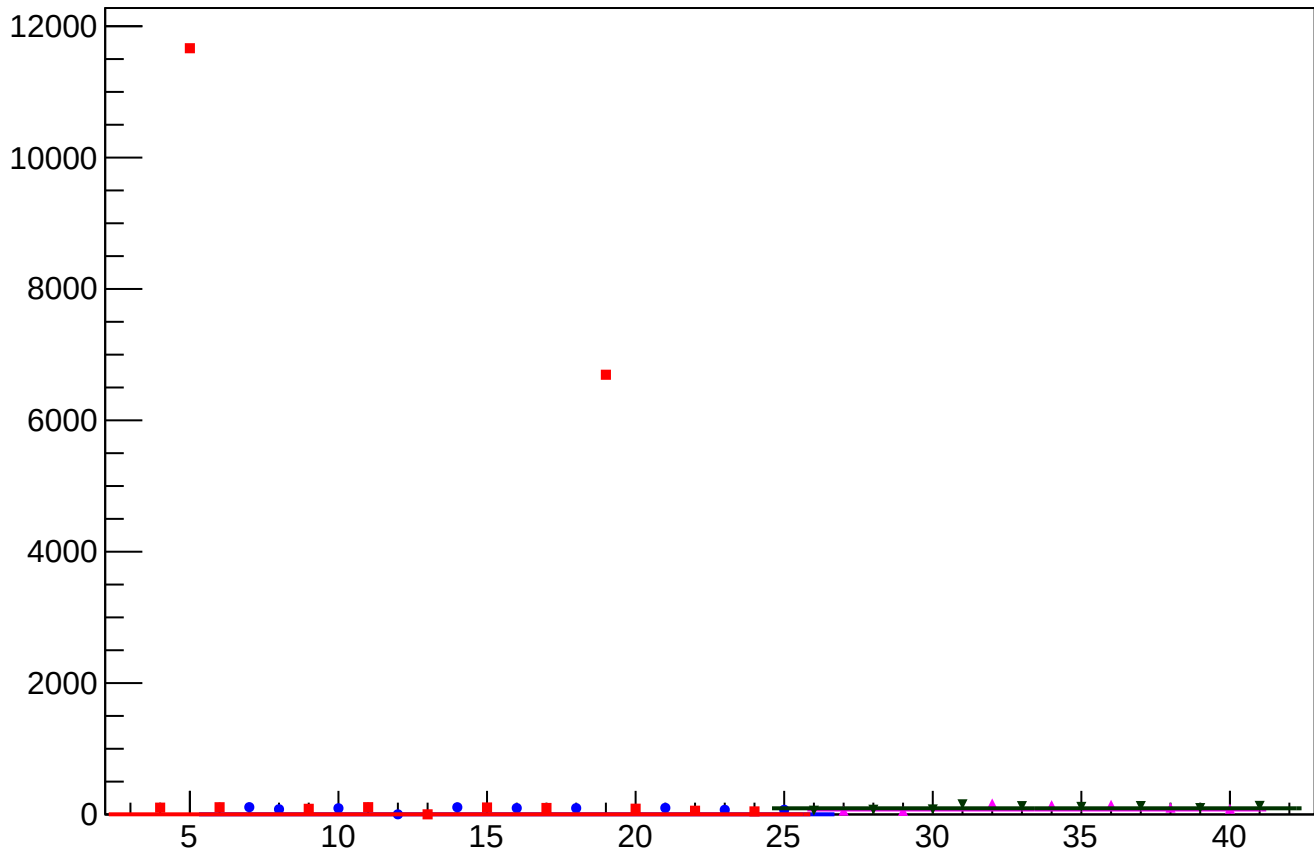
Right Out: -0.003 ± 0.003 χ^2/NDF : 12.3/11

Left In: 0.104 ± 0.056 χ^2/NDF : 7.9/6

-0.003 ± 0.003 χ^2/NDF : 19.6/18

-0.002 ± 0.003 χ^2/NDF : 23.8/18

diff_cav4dY_rms vs slug



Right In: 2.134+/-0.002 χ^2/NDF : 5844248.7/9

Left Out: 93.635+/-0.042 χ^2/NDF : 414378.2/8

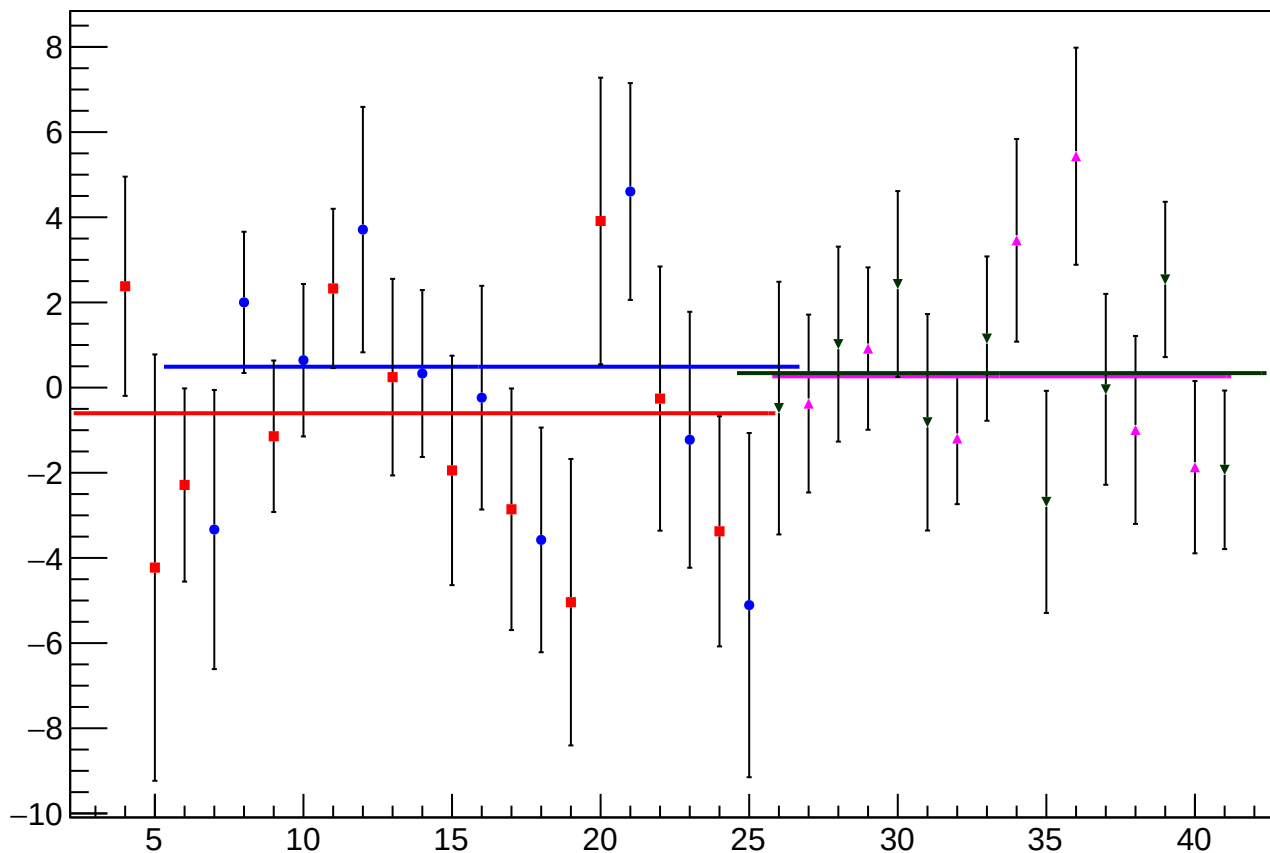
2.378+/-0.002 χ^2/NDF : 10954209.7/18

Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

2.267+/-0.002 χ^2/NDF : 8311169.7/18

Left In: 75.262+/-0.040 χ^2/NDF : 715005.5/6

diff_bpm4aX_mean vs slug



Right In: 0.490 ± 0.753 χ^2/NDF : 10.8/9

Left Out: 0.340 ± 0.731 χ^2/NDF : 5.8/8

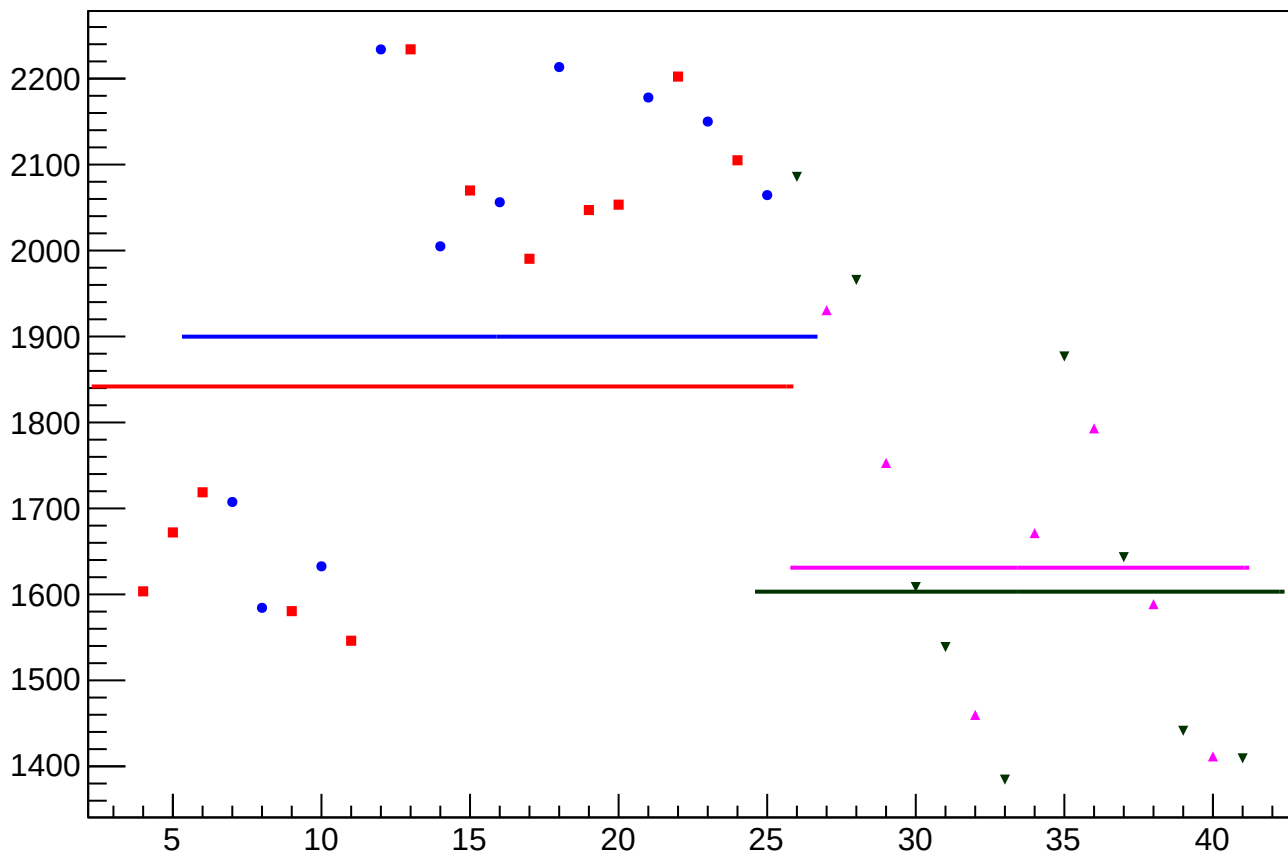
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

Left In: 0.264 ± 0.766 χ^2/NDF : 8.5/6

0.413 ± 0.524 χ^2/NDF : 16.6/18

-0.187 ± 0.530 χ^2/NDF : 19.7/18

diff_bpm4aX_rms vs slug



Right In: 1899.826+/-0.532 χ^2/NDF : 232868.5/9

Left Out: 1603.174+/-0.517 χ^2/NDF :190163.8/8

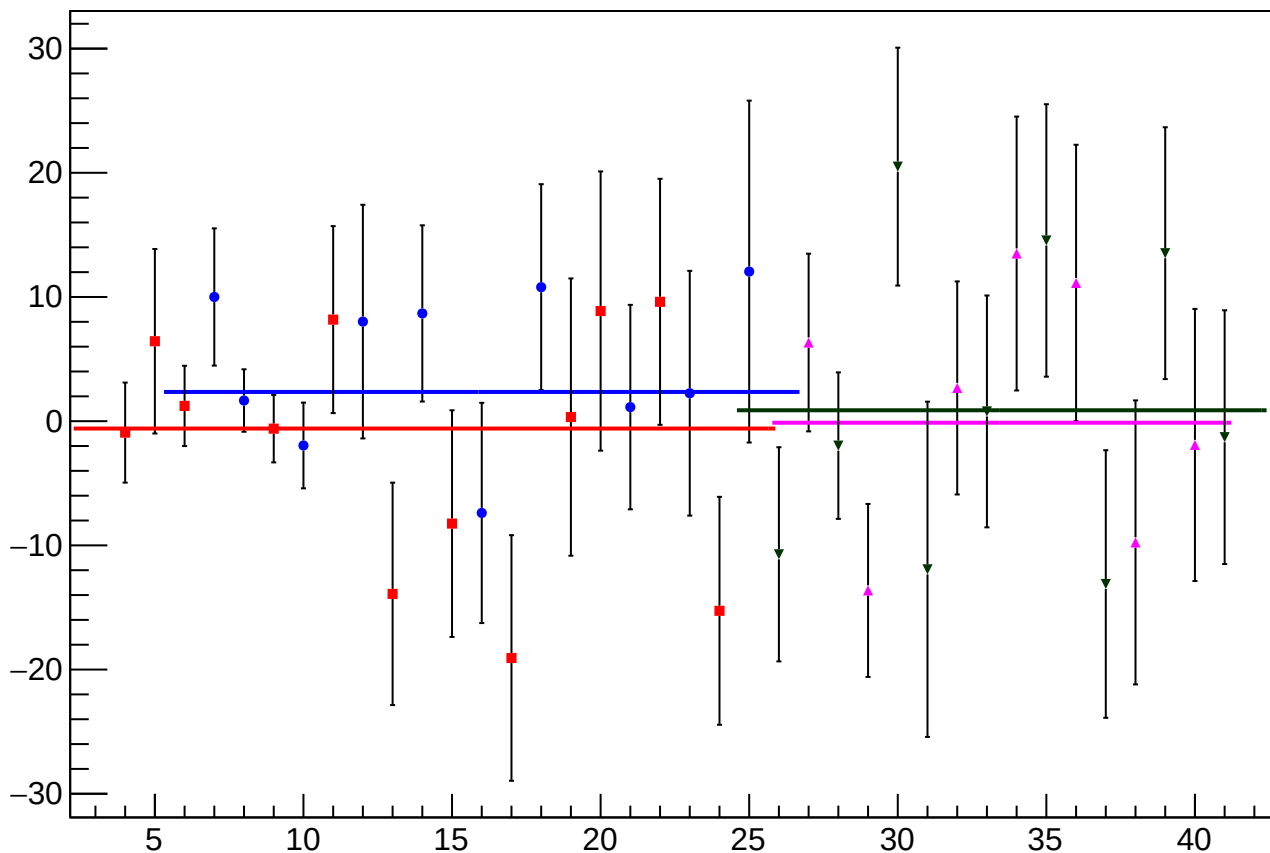
1747.070+/-0.371 χ^2/NDF : 582944.8/18

Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

1740.911+/-0.375 χ^2/NDF : 443187.6/18

Left In: 1631.065+/-0.542 χ^2/NDF :106899.0/6

diff_bpm4aY_mean vs slug



Right In: 2.354 ± 1.658 χ^2/NDF : 7.5/9

Left Out: 0.878 ± 3.067 χ^2/NDF : 12.0/8

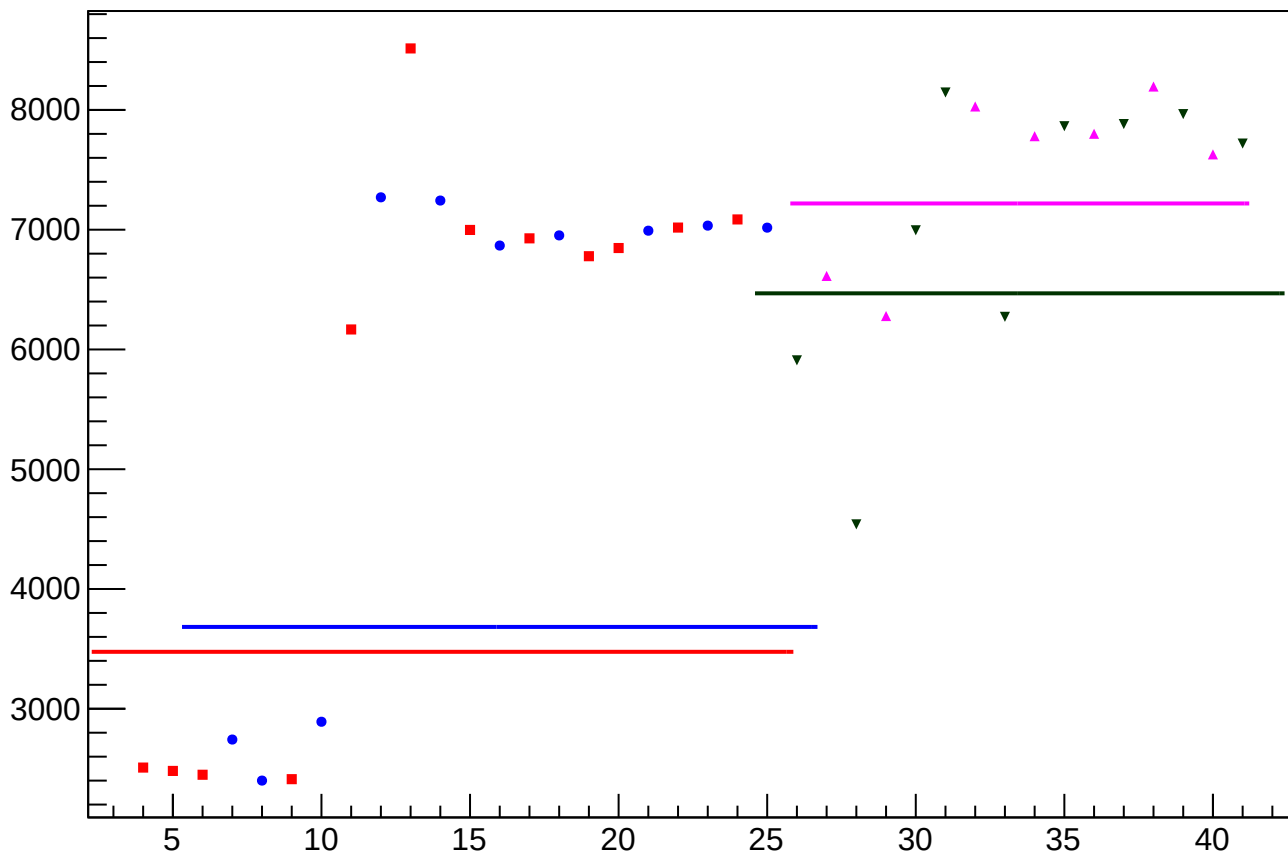
Right Out: -0.592 ± 1.578 χ^2/NDF : 13.3/11

Left In: -0.124 ± 3.410 χ^2/NDF : 8.0/6

2.020 ± 1.459 χ^2/NDF : 19.6/18

-0.510 ± 1.432 χ^2/NDF : 21.3/18

diff_bpm4aY_rms vs slug



Right In: 3683.292+/-1.173 χ^2/NDF : 2718531.0/9

Left Out: 6468.679+/-2.169 χ^2/NDF : 400540.2/8

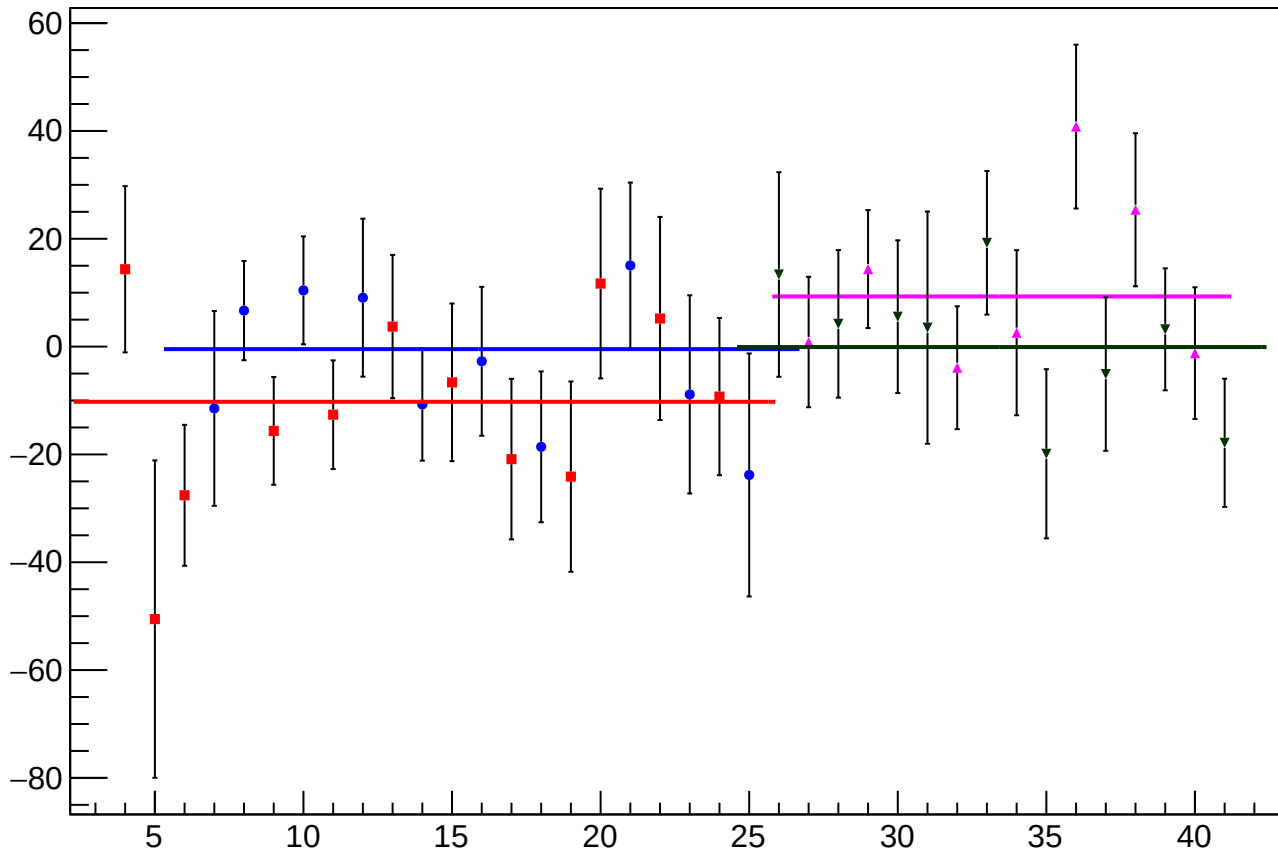
Right Out: 3475.466+/-1.116 χ^2/NDF : 3010113.2/11

Left In: 7219.109+/-2.411 χ^2/NDF : 96605.1/6

4313.383+/-1.032 χ^2/NDF : 4395417.5/18

4136.067+/-1.013 χ^2/NDF : 5092285.0/18

diff_bpm4eX_mean vs slug



Right In: -0.470 ± 4.145 χ^2/NDF : 7.6/9

Left Out: -0.083 ± 4.726 χ^2/NDF : 6.9/8

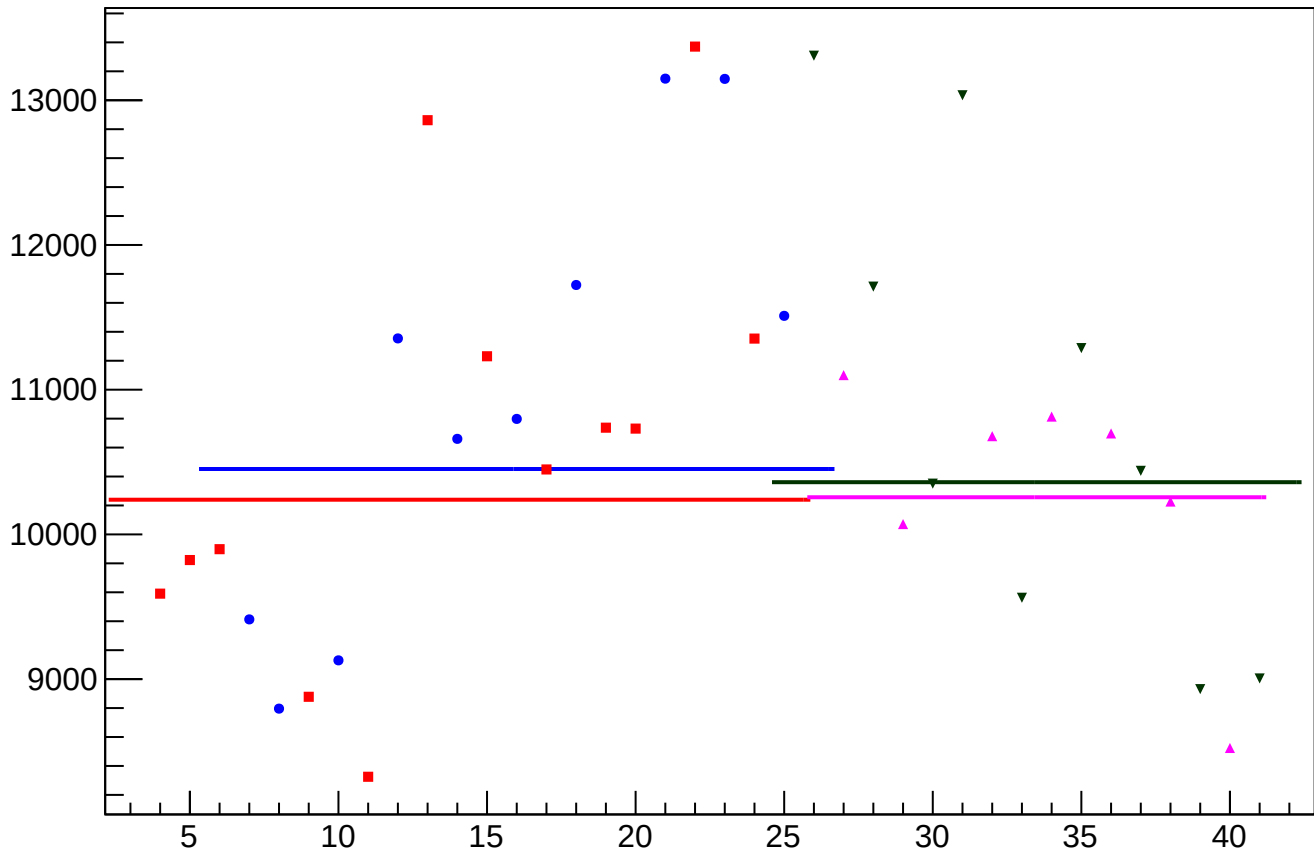
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

Left In: 9.304 ± 4.814 χ^2/NDF : 8.6/6

-0.302 ± 3.116 χ^2/NDF : 14.5/18

-2.051 ± 3.116 χ^2/NDF : 29.2/18

diff_bpm4eX_rms vs slug



Right In: 10451.949+/-2.931 χ^2/NDF : 241363.4/9

Left Out: 10360.794+/-3.342 χ^2/NDF : 170783.1/8

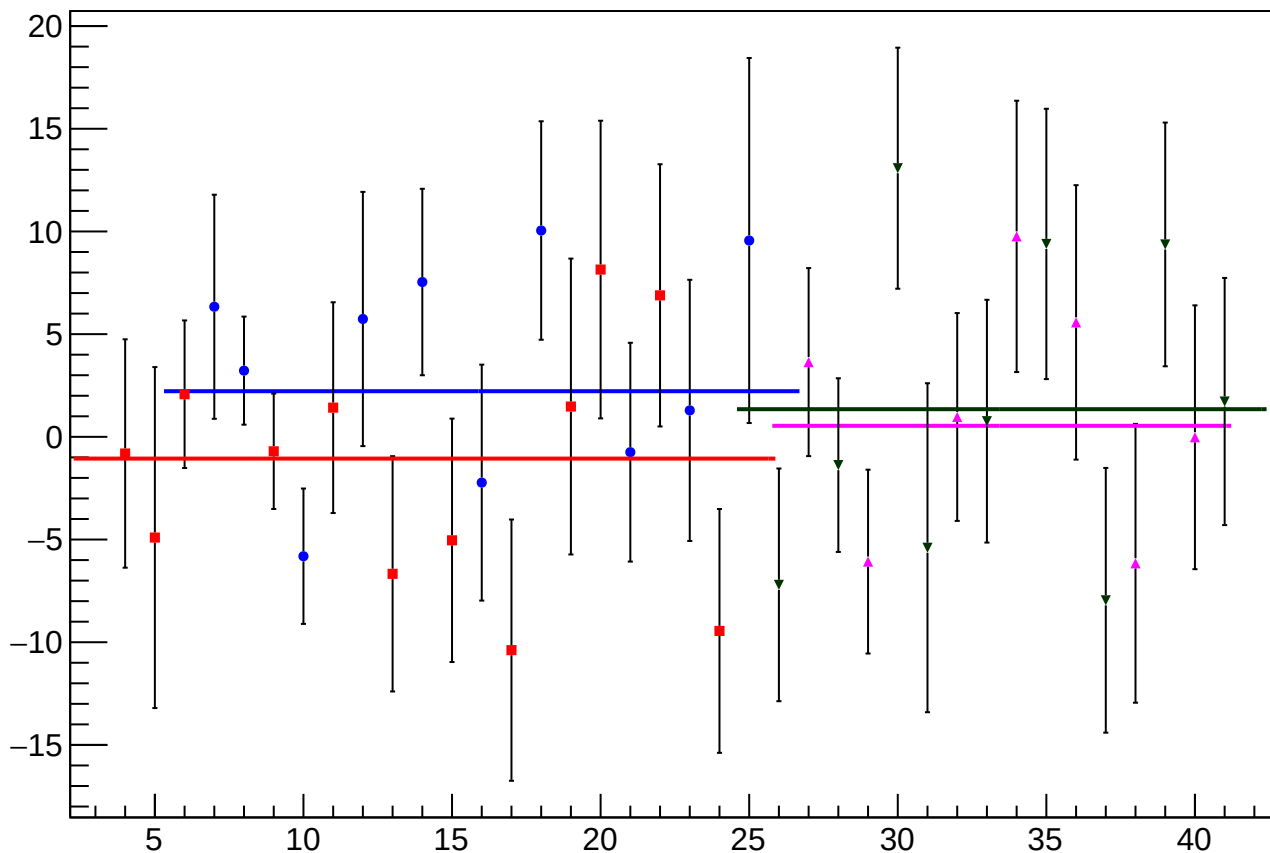
10412.318+/-2.203 χ^2/NDF : 412567.1/18

Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

10246.829+/-2.203 χ^2/NDF : 329729.2/18

Left In: 10256.701+/-3.404 χ^2/NDF : 57642.1/6

diff_bpm4eY_mean vs slug



Right In: 2.222 ± 1.439 χ^2/NDF : 12.1/9

Left Out: 1.346 ± 1.948 χ^2/NDF : 12.8/8

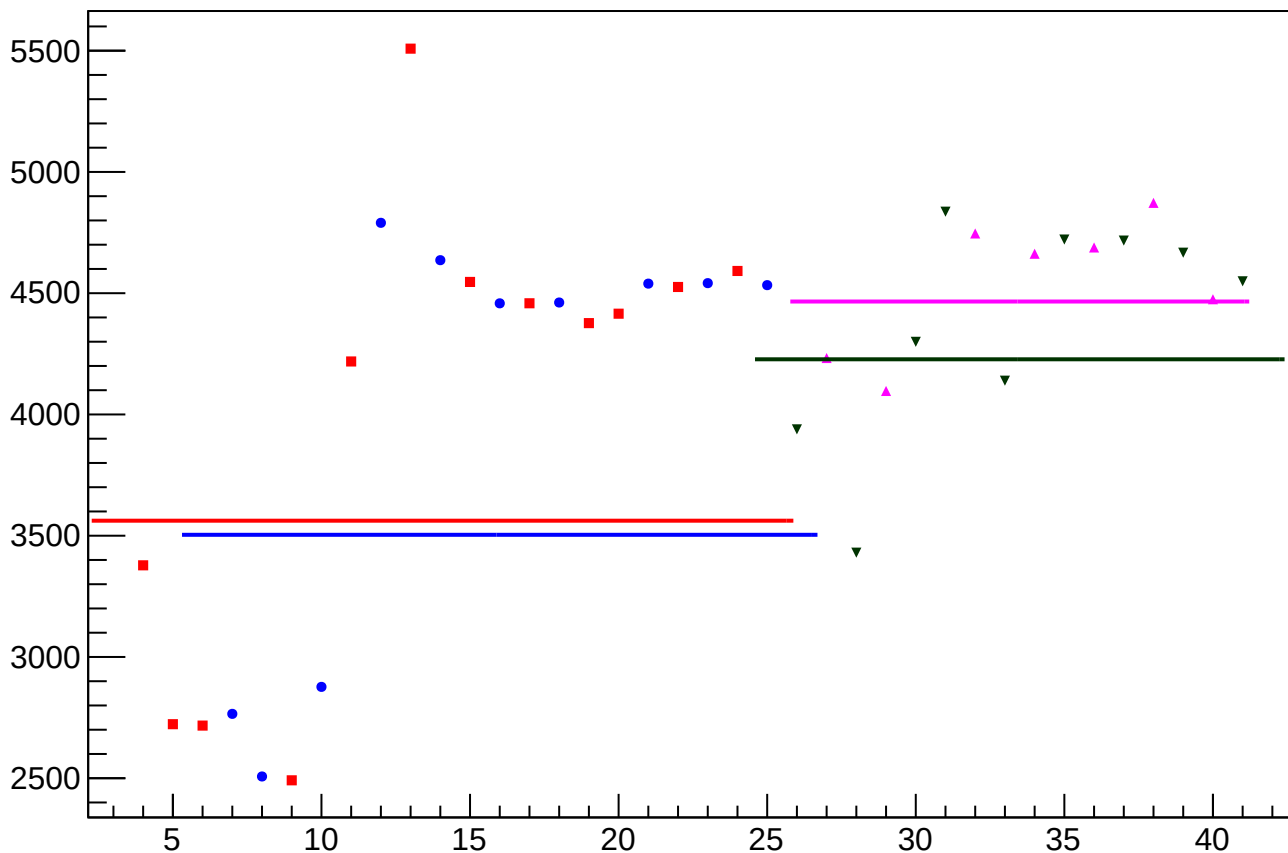
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: 0.537 ± 2.094 χ^2/NDF : 6.1/6

1.913 ± 1.157 χ^2/NDF : 25.1/18

-0.533 ± 1.202 χ^2/NDF : 16.6/18

diff_bpm4eY_rms vs slug



Right In: 3503.752+/-1.017 χ^2/NDF : 882846.4/9

Left Out: 4227.463+/-1.377 χ^2/NDF :128136.3/8

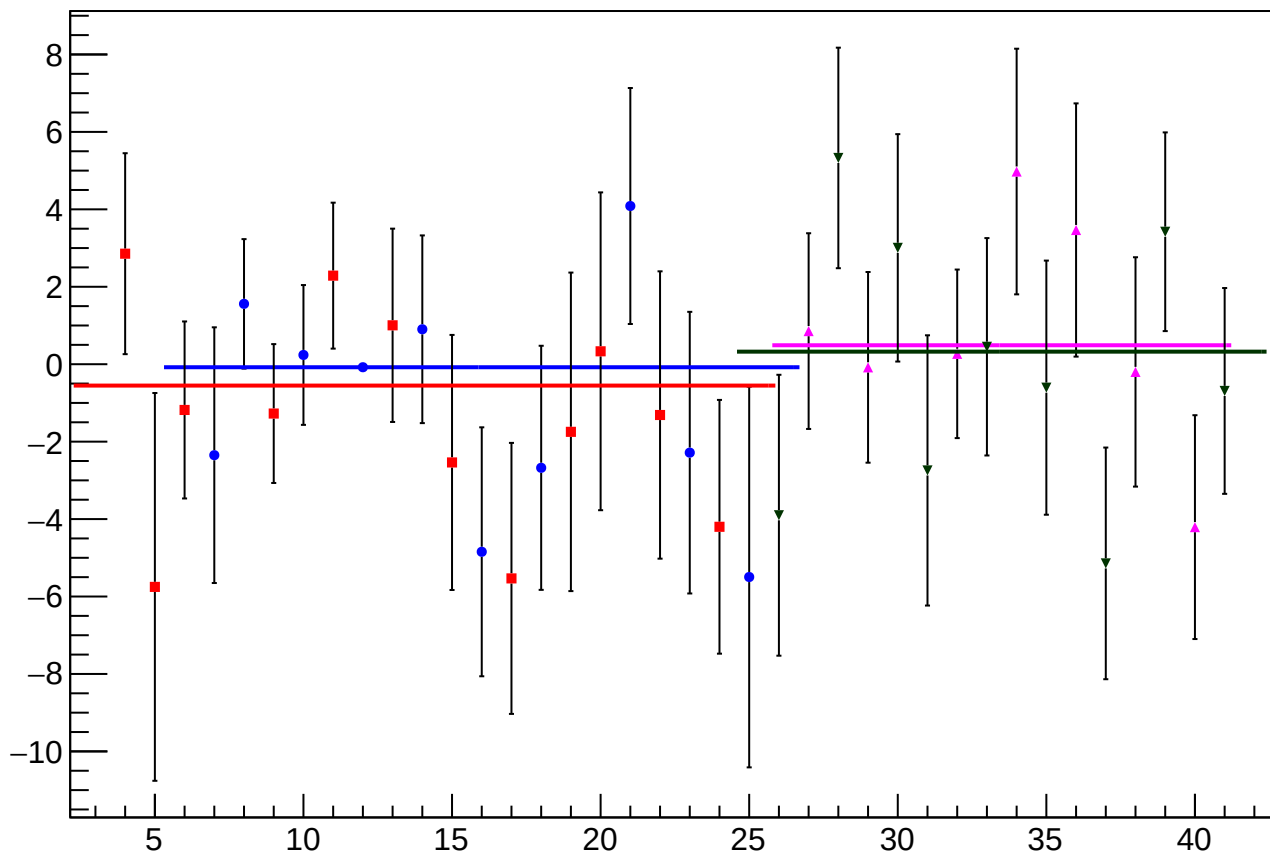
3759.200+/-0.818 χ^2/NDF : 1189621.5/18

Right Out: 3561.943+/-1.038 χ^2/NDF : 941598.3/11

3859.694+/-0.850 χ^2/NDF : 1227424.9/18

Left In: 4465.696+/-1.481 χ^2/NDF :36110.4/6

diff_bpm4acX_mean vs slug



Right In: -0.078 ± 0.060 χ^2/NDF : 8.0/9

Left Out: 0.324 ± 0.989 χ^2/NDF : 11.1/8

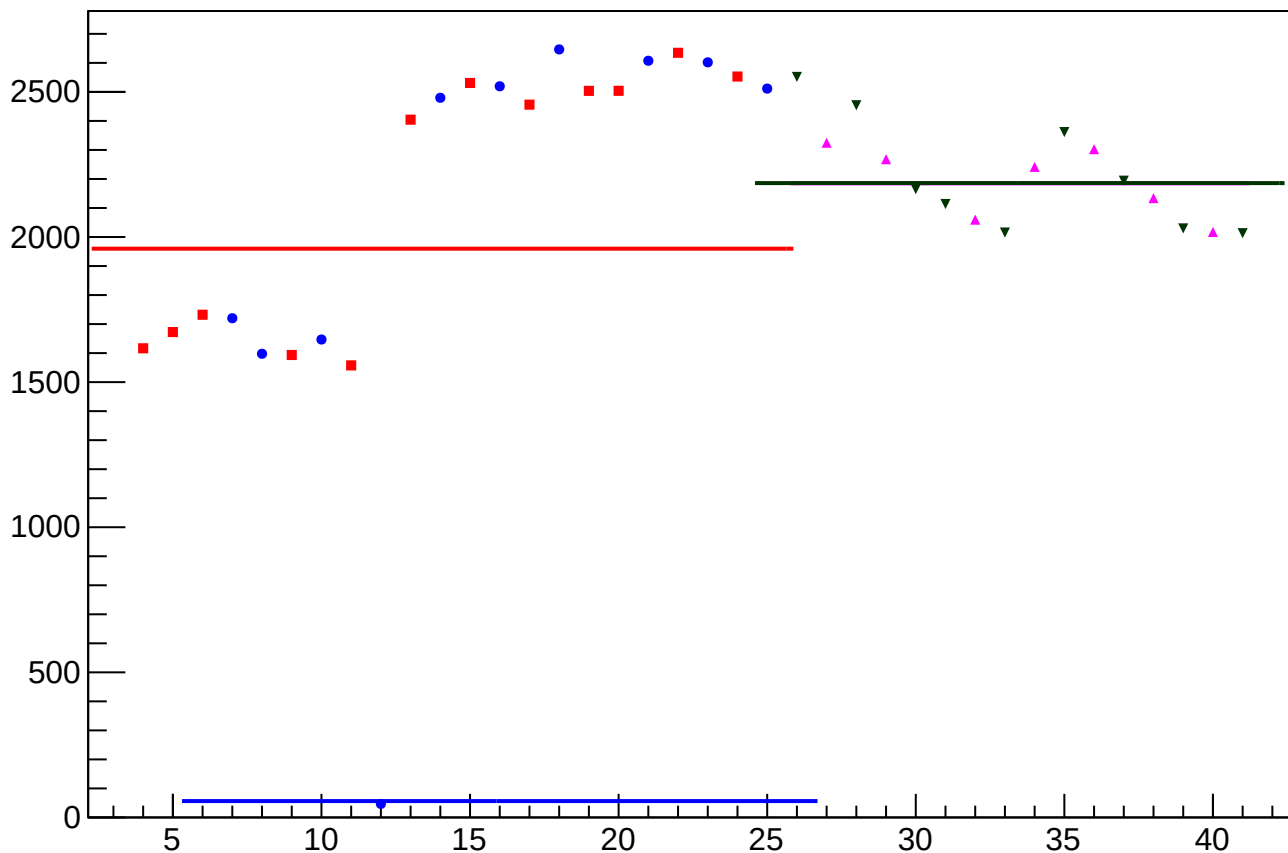
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 0.490 ± 1.021 χ^2/NDF : 5.6/6

-0.077 ± 0.060 χ^2/NDF : 19.2/18

-0.160 ± 0.626 χ^2/NDF : 15.8/18

diff_bpm4acX_rms vs slug



Right In: 56.427+/-0.043 χ^2 /NDF: 11213241.4/9

Left Out: 2185.817+/-0.699 χ^2 /NDF: 67996.4/8

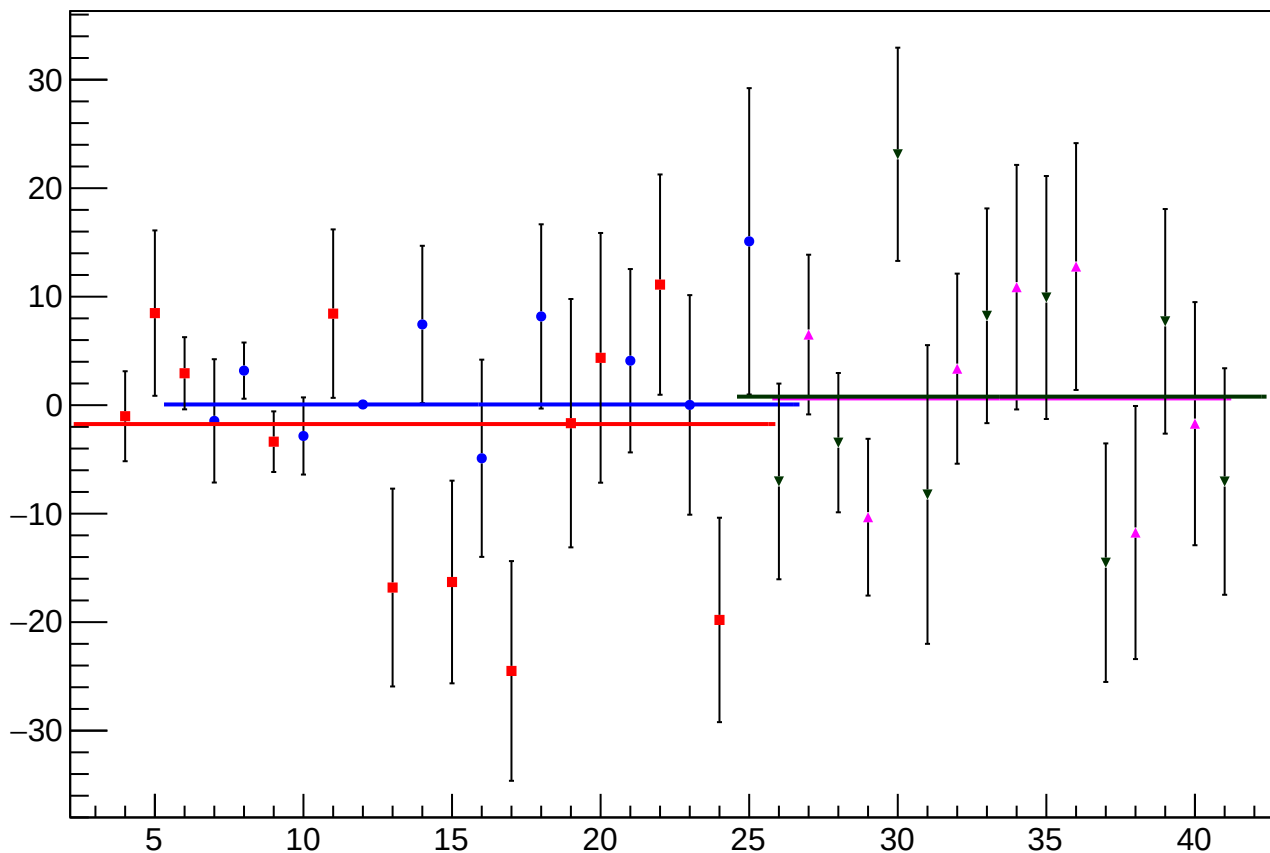
Right Out: 1959.862+/-0.561 χ^2 /NDF: 601394.1/11

Left In: 2185.006+/-0.722 χ^2 /NDF: 25557.5/6

64.279+/-0.042 χ^2 /NDF: 20517076.0/18

2044.549+/-0.443 χ^2 /NDF: 687608.6/18

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 χ^2/NDF : 5.8/9

Left Out: 0.786 ± 3.208 χ^2/NDF : 11.0/8

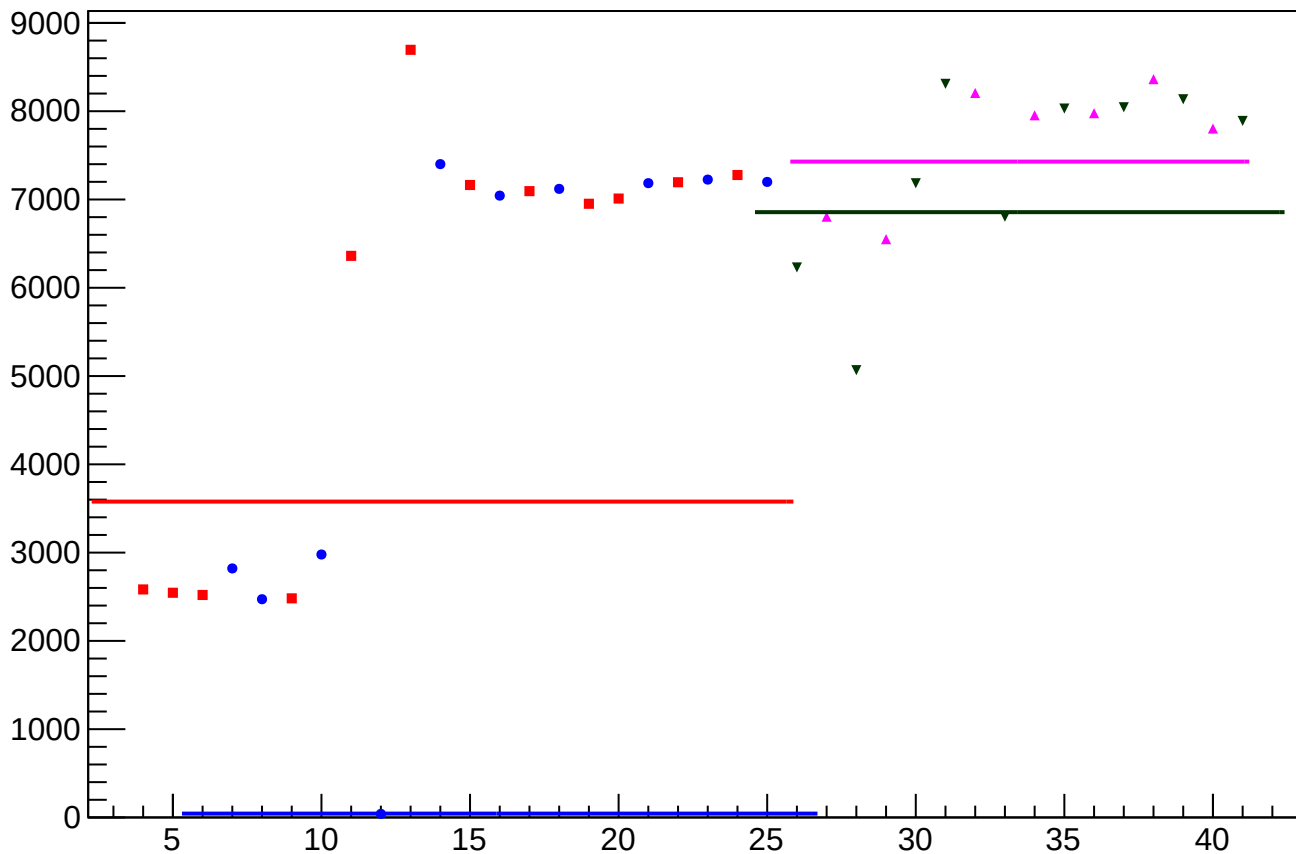
Right Out: -1.741 ± 1.623 χ^2/NDF : 21.6/11

Left In: 0.622 ± 3.502 χ^2/NDF : 6.2/6

0.066 ± 0.052 χ^2/NDF : 16.8/18

-1.324 ± 1.472 χ^2/NDF : 28.2/18

diff_bpm4acY_rms vs slug



Right In: 43.632 $\pm$ 0.037 χ^2 /NDF: 11190271.5/9

Left Out: 6856.592 $\pm$ 2.269 χ^2 /NDF: 285111.1/8

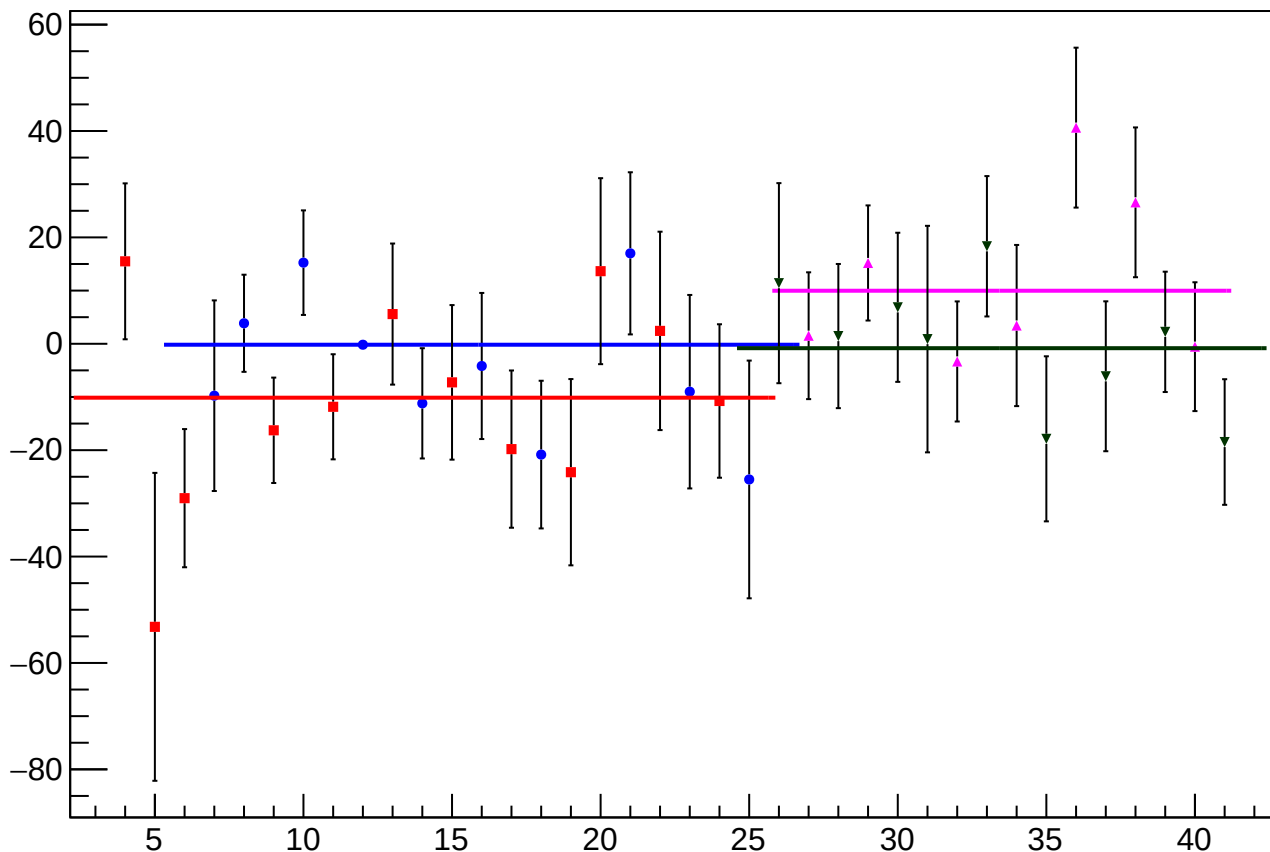
45.428 $\pm$ 0.037 χ^2 /NDF: 20491228.5/18

Right Out: 3577.880 $\pm$ 1.147 χ^2 /NDF: 2998842.2/11

4258.720 $\pm$ 1.041 χ^2 /NDF: 5074234.9/18

Left In: 7429.129 $\pm$ 2.476 χ^2 /NDF: 83732.7/6

diff_bpm4ecX_mean vs slug



Right In: -0.178 ± 0.107 χ^2/NDF : 9.2/9

Left Out: -0.829 ± 4.688 χ^2/NDF : 6.5/8

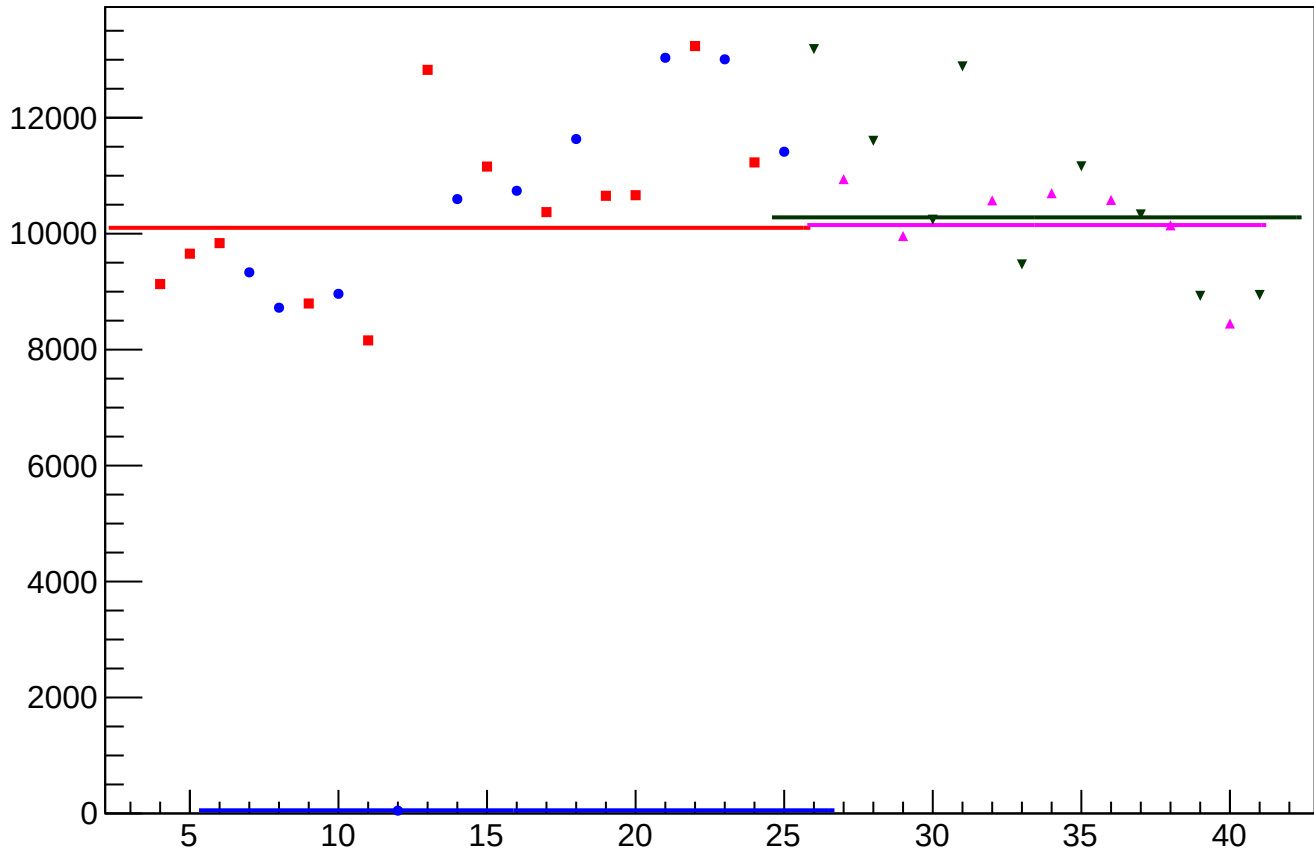
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 9.972 ± 4.763 χ^2/NDF : 8.6/6

-0.178 ± 0.106 χ^2/NDF : 15.7/18

-1.735 ± 3.079 χ^2/NDF : 31.6/18

diff_bpm4ecX_rms vs slug



Right In: 54.358 ± 0.075 χ^2/NDF : 11644039.7/9

Left Out: 10281.478 ± 3.315 χ^2/NDF : 164906.4/8

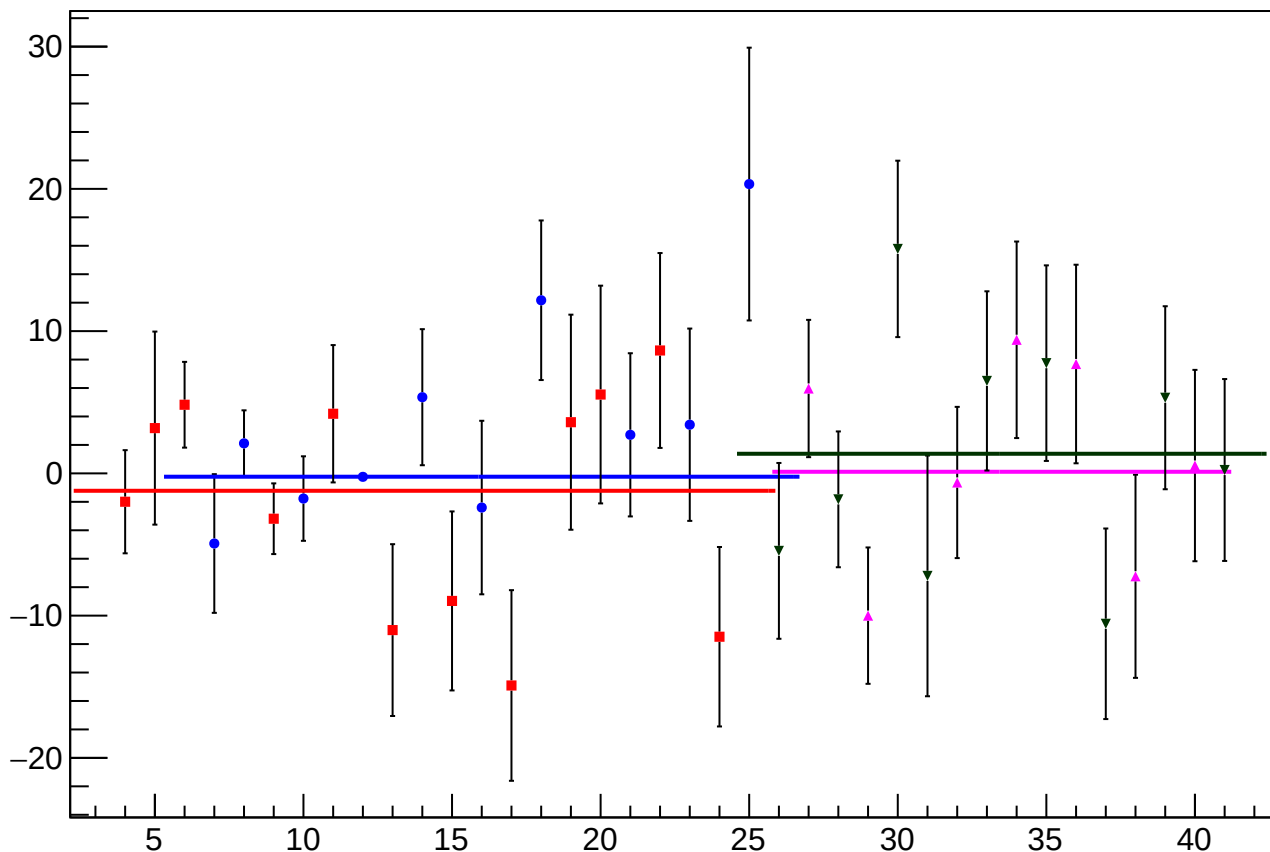
Right Out: 10101.257 ± 2.853 χ^2/NDF : 290554.5/11

Left In: 10149.151 ± 3.368 χ^2/NDF : 55931.4/6

59.634 ± 0.075 χ^2/NDF : 21320748.4/18

10121.265 ± 2.177 χ^2/NDF : 346603.6/18

diff_bpm4ecY_mean vs slug



Right In: -0.234 ± 0.090 χ^2/NDF : 13.8/9

Left Out: 1.379 ± 2.097 χ^2/NDF : 13.2/8

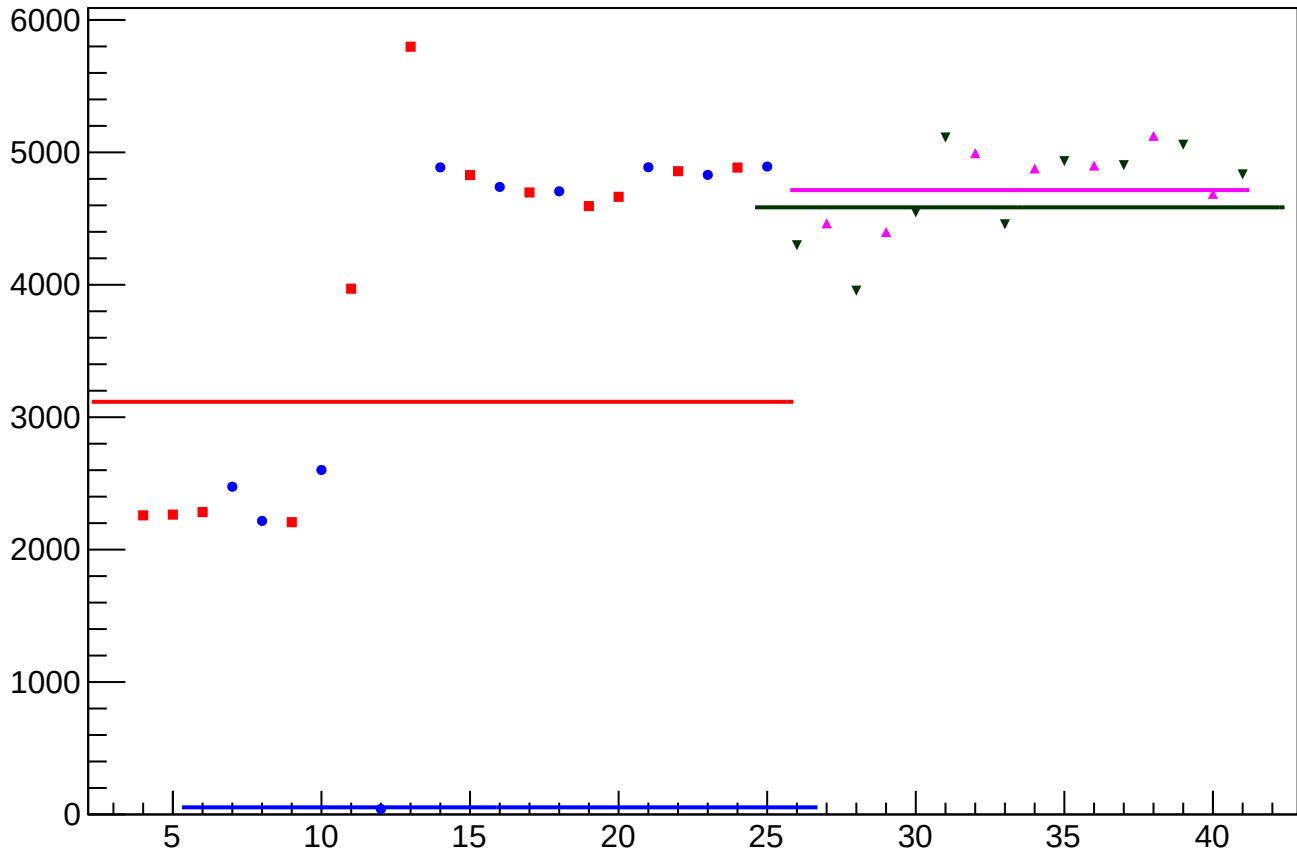
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: 0.113 ± 2.208 χ^2/NDF : 10.0/6

-0.231 ± 0.090 χ^2/NDF : 27.6/18

-0.869 ± 1.137 χ^2/NDF : 30.9/18

diff_bpm4ecY_rms vs slug



Right In: 53.805+/-0.064 χ^2/NDF : 11269015.3/9

Left Out: 4584.910+/-1.483 χ^2/NDF : 71243.1/8

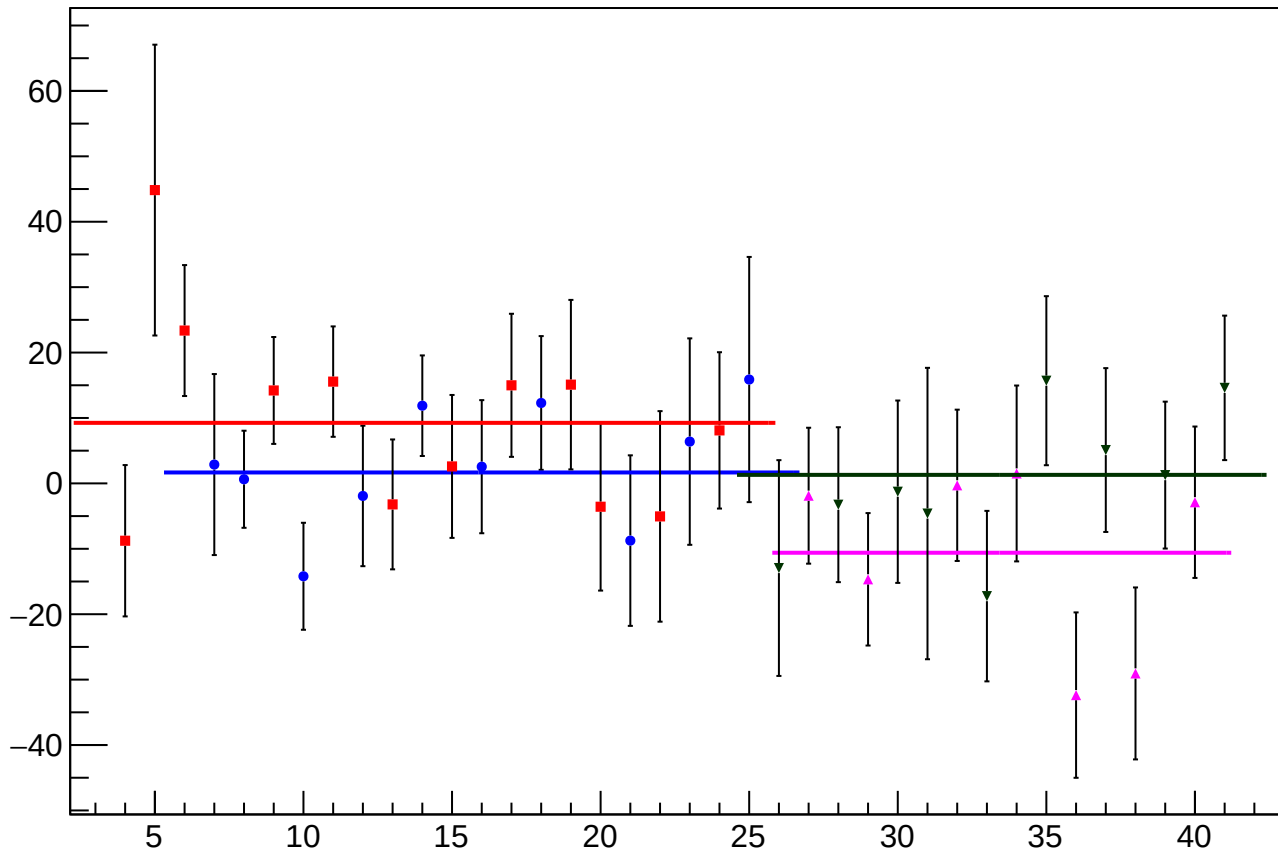
62.130+/-0.064 χ^2/NDF : 20657337.5/18

Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

3540.127+/-0.804 χ^2/NDF : 2524100.3/18

Left In: 4715.124+/-1.561 χ^2/NDF : 28801.4/6

diff_bpm1X_mean vs slug



Right In: 1.669 ± 3.229 $\chi^2/\text{NDF}: 8.1/9$

Left Out: 1.302 ± 4.371 $\chi^2/\text{NDF}: 5.8/8$

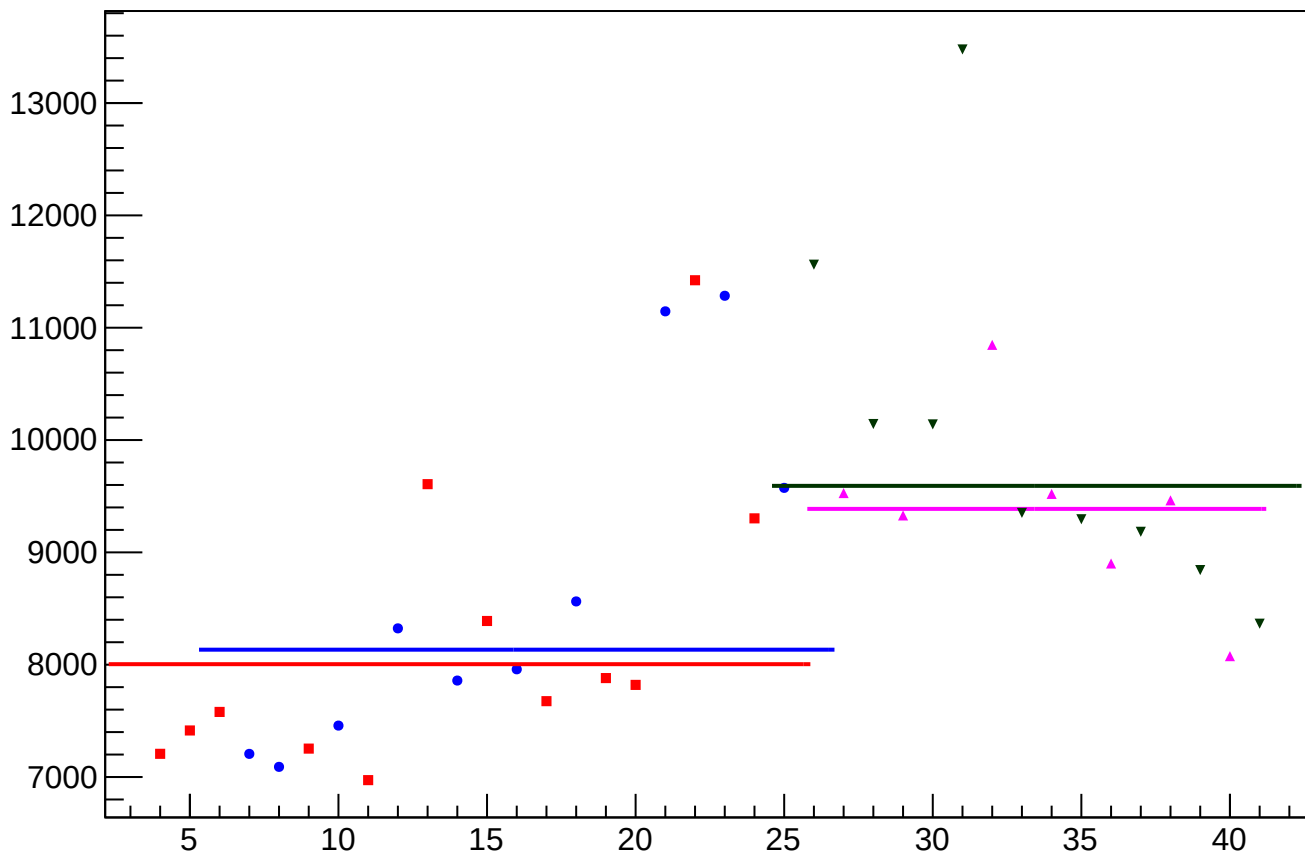
Right Out: 9.254 ± 3.190 $\chi^2/\text{NDF}: 12.1/11$

Left In: -10.603 ± 4.405 $\chi^2/\text{NDF}: 7.9/6$

1.540 ± 2.597 $\chi^2/\text{NDF}: 13.9/18$

2.423 ± 2.583 $\chi^2/\text{NDF}: 33.3/18$

diff_bpm1X_rms vs slug



Right In: 8133.661 ± 2.283 $\chi^2/\text{NDF}: 267771.2/9$

Left Out: 9592.113 ± 3.090 $\chi^2/\text{NDF}: 134236.2/8$

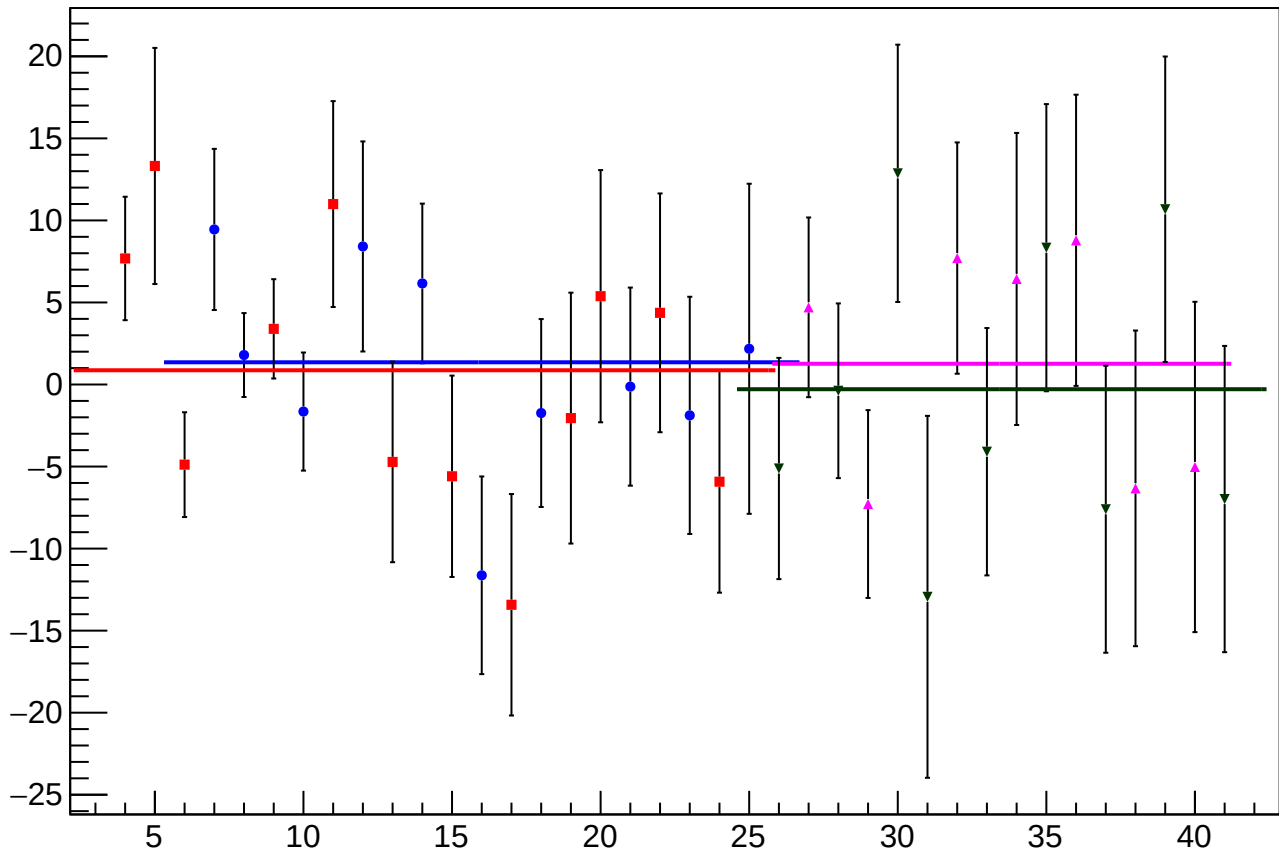
8648.677 ± 1.836 $\chi^2/\text{NDF}: 546074.4/18$

Right Out: 8004.585 ± 2.255 $\chi^2/\text{NDF}: 232190.6/11$

8480.168 ± 1.827 $\chi^2/\text{NDF}: 422650.9/18$

Left In: 9387.074 ± 3.115 $\chi^2/\text{NDF}: 61218.1/6$

diff_bpm1Y_mean vs slug



Right In: 1.354 ± 1.486 $\chi^2/\text{NDF}: 10.8/9$

Left Out: -0.287 ± 2.595 $\chi^2/\text{NDF}: 8.5/8$

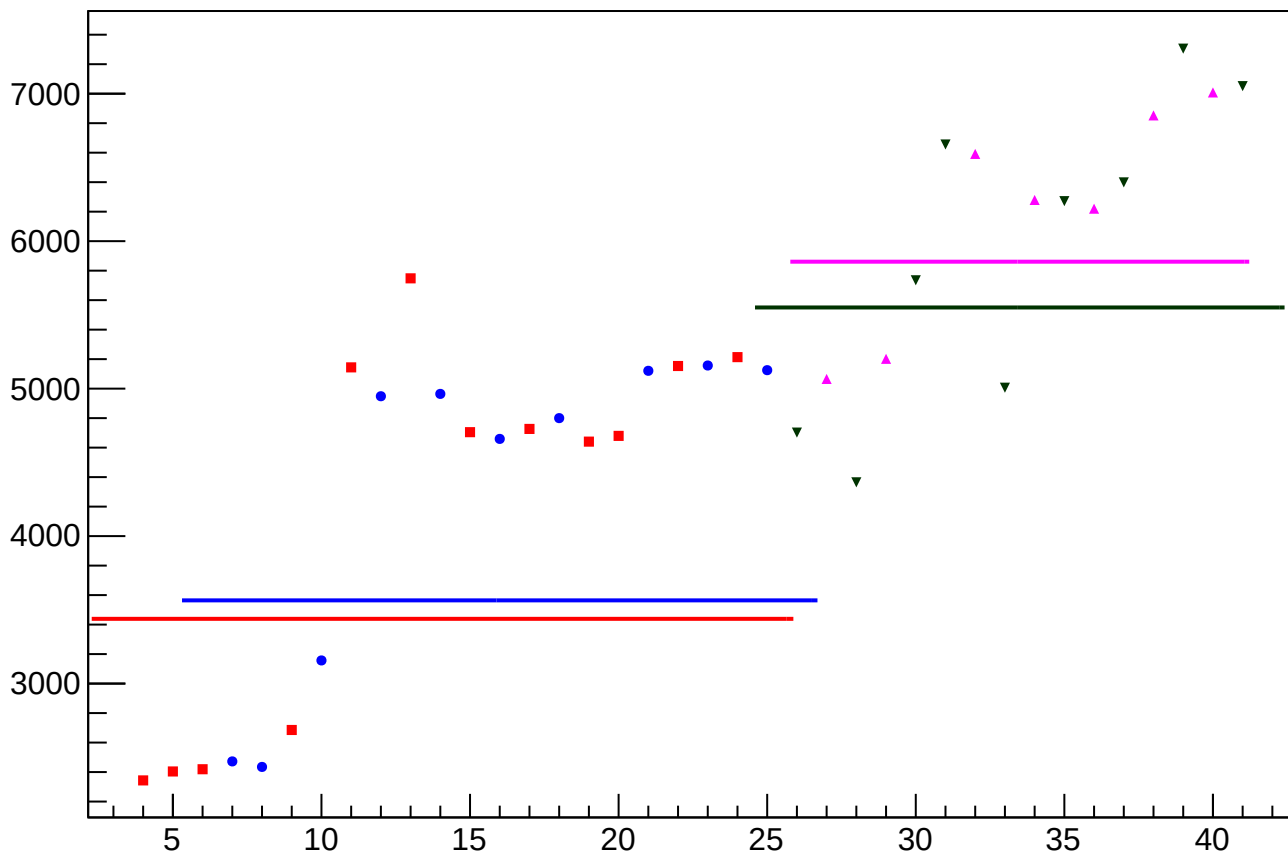
Right Out: 0.868 ± 1.454 $\chi^2/\text{NDF}: 21.0/11$

Left In: 1.265 ± 2.773 $\chi^2/\text{NDF}: 5.5/6$

0.949 ± 1.290 $\chi^2/\text{NDF}: 19.6/18$

0.954 ± 1.288 $\chi^2/\text{NDF}: 26.5/18$

diff_bpm1Y_rms vs slug



Right In: 3564.243+/-1.051 χ^2/NDF : 1211443.4/9

Left Out: 5550.365+/-1.835 χ^2/NDF : 317710.4/8

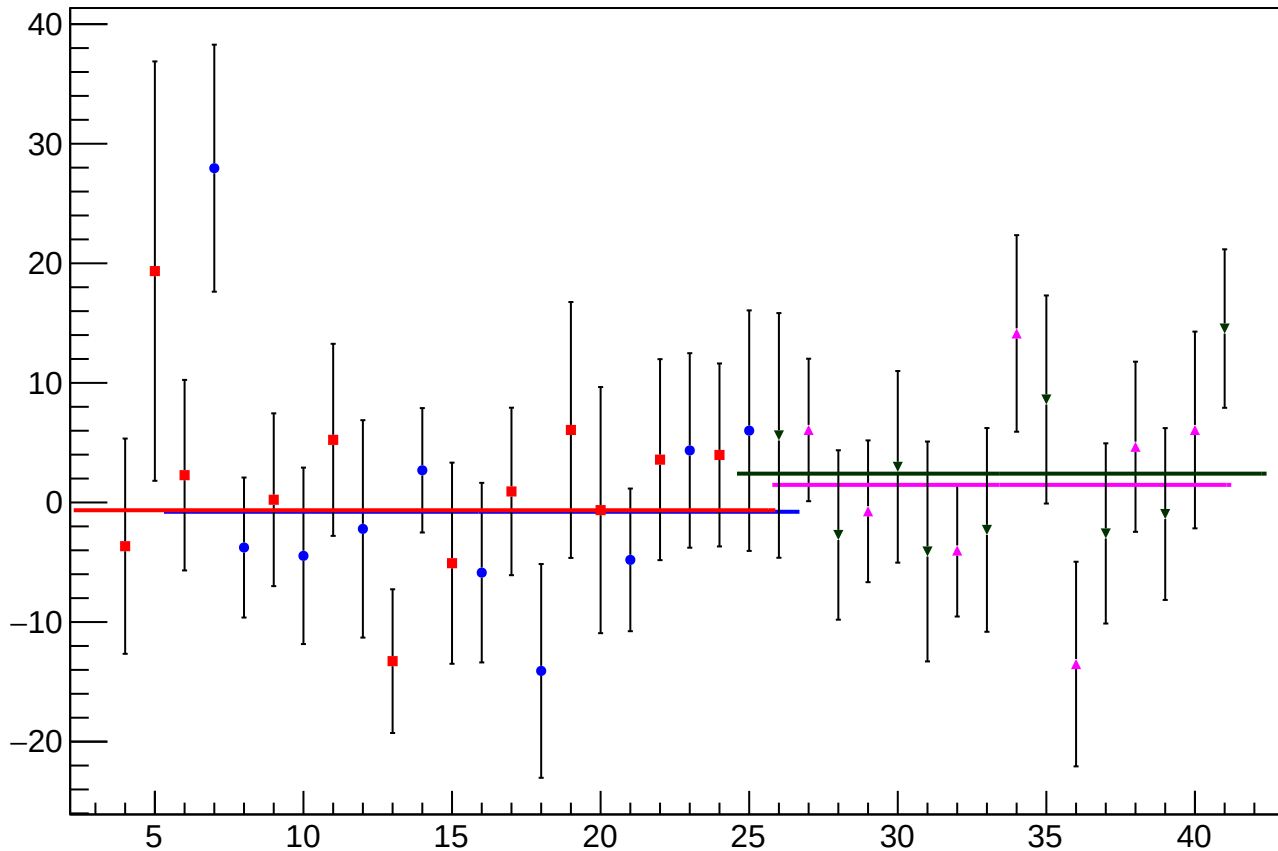
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

Left In: 5860.779+/-1.961 χ^2/NDF : 145125.3/6

4054.773+/-0.912 χ^2/NDF : 2411535.5/18

3961.395+/-0.911 χ^2/NDF : 2821571.1/18

diff_bpm11X_mean vs slug



Right In: -0.778 ± 2.298 χ^2/NDF : 12.7/9

Left Out: 2.411 ± 2.639 χ^2/NDF : 6.0/8

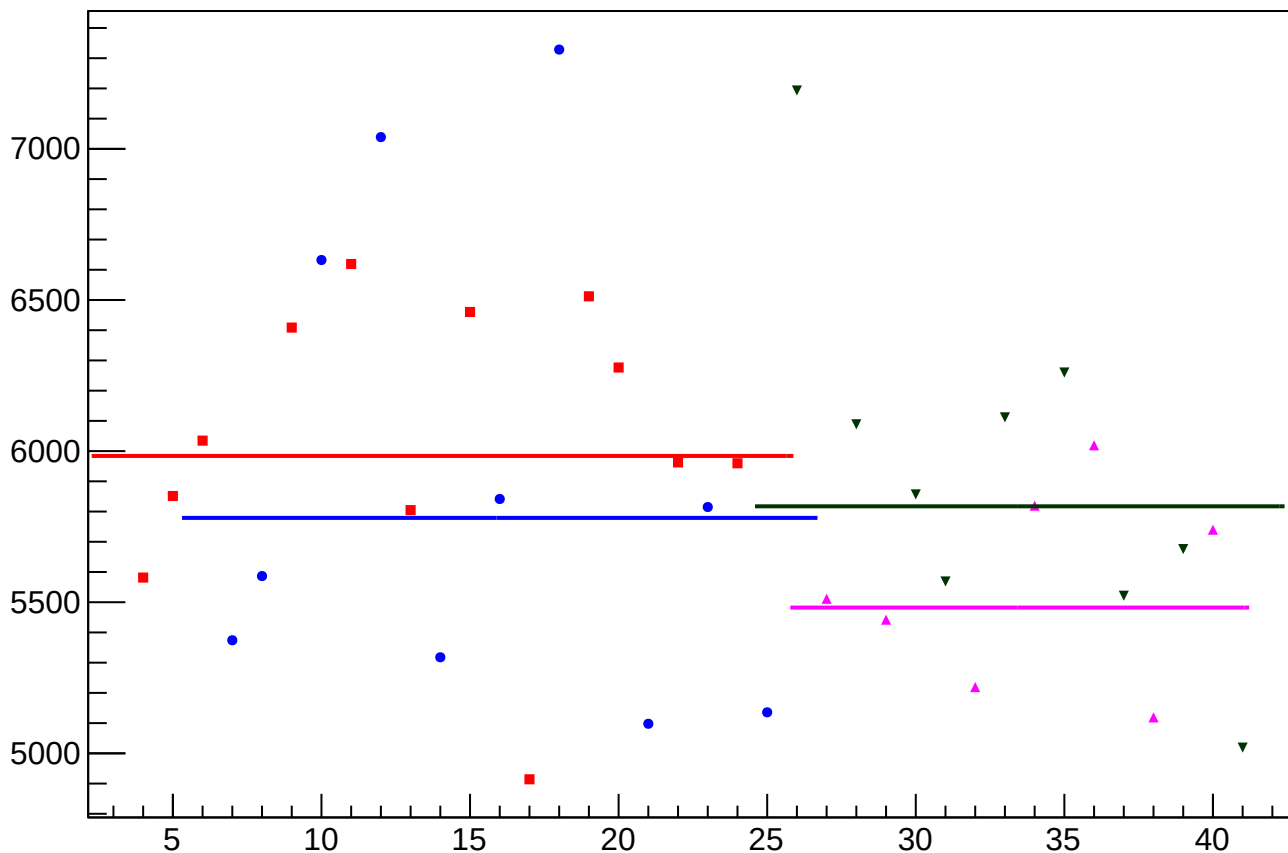
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

Left In: 1.471 ± 2.561 χ^2/NDF : 7.7/6

0.598 ± 1.733 χ^2/NDF : 19.5/18

0.329 ± 1.741 χ^2/NDF : 15.9/18

diff_bpm11X_rms vs slug



Right In: 5779.030+/-1.625 χ^2/NDF : 180676.8/9

Left Out: 5817.335+/-1.866 χ^2/NDF : 81062.4/8

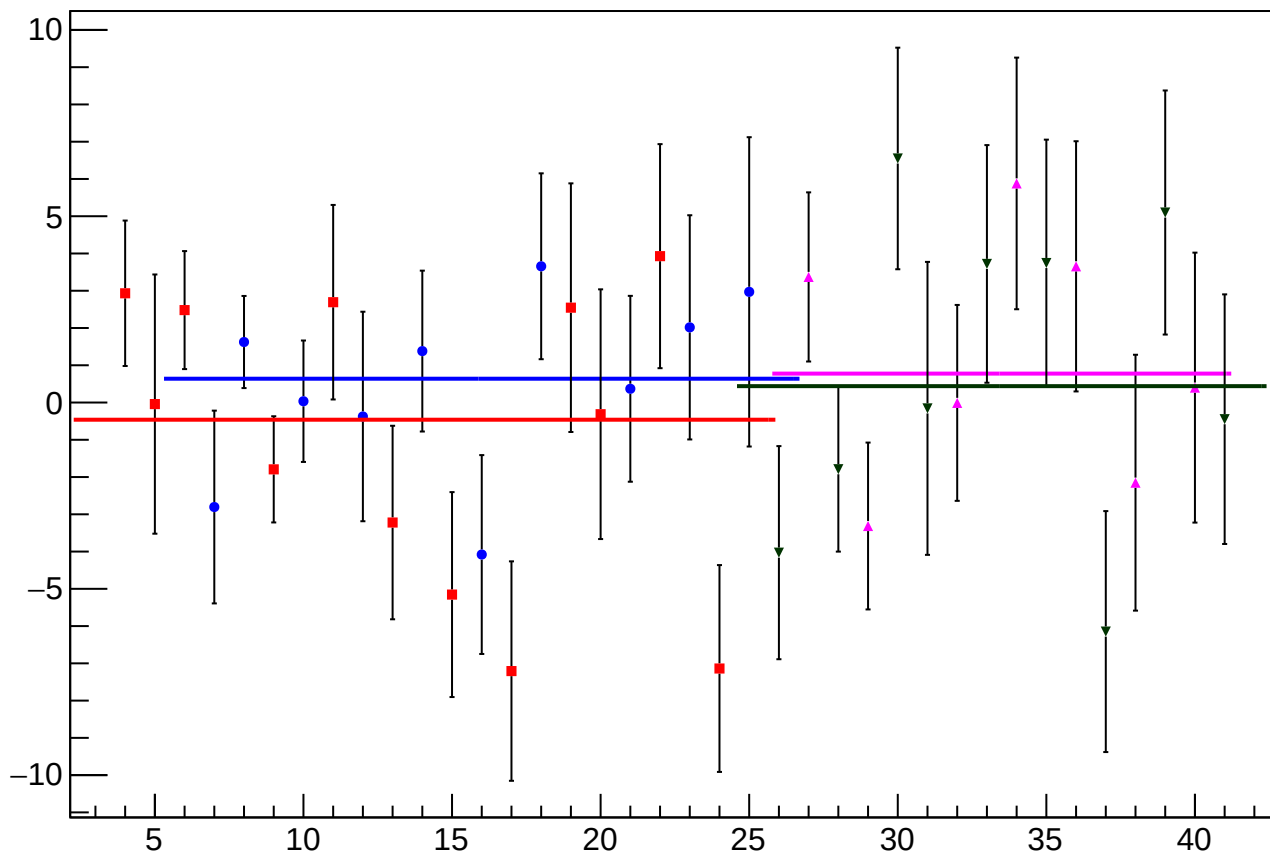
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5482.305+/-1.811 χ^2/NDF : 23101.7/6

5795.552+/-1.225 χ^2/NDF : 261978.8/18

5752.312+/-1.231 χ^2/NDF : 149407.2/18

diff_bpm11Y_mean vs slug



Right In: 0.639 ± 0.682 $\chi^2/\text{NDF}: 7.9/9$

Left Out: 0.440 ± 1.014 $\chi^2/\text{NDF}: 16.0/8$

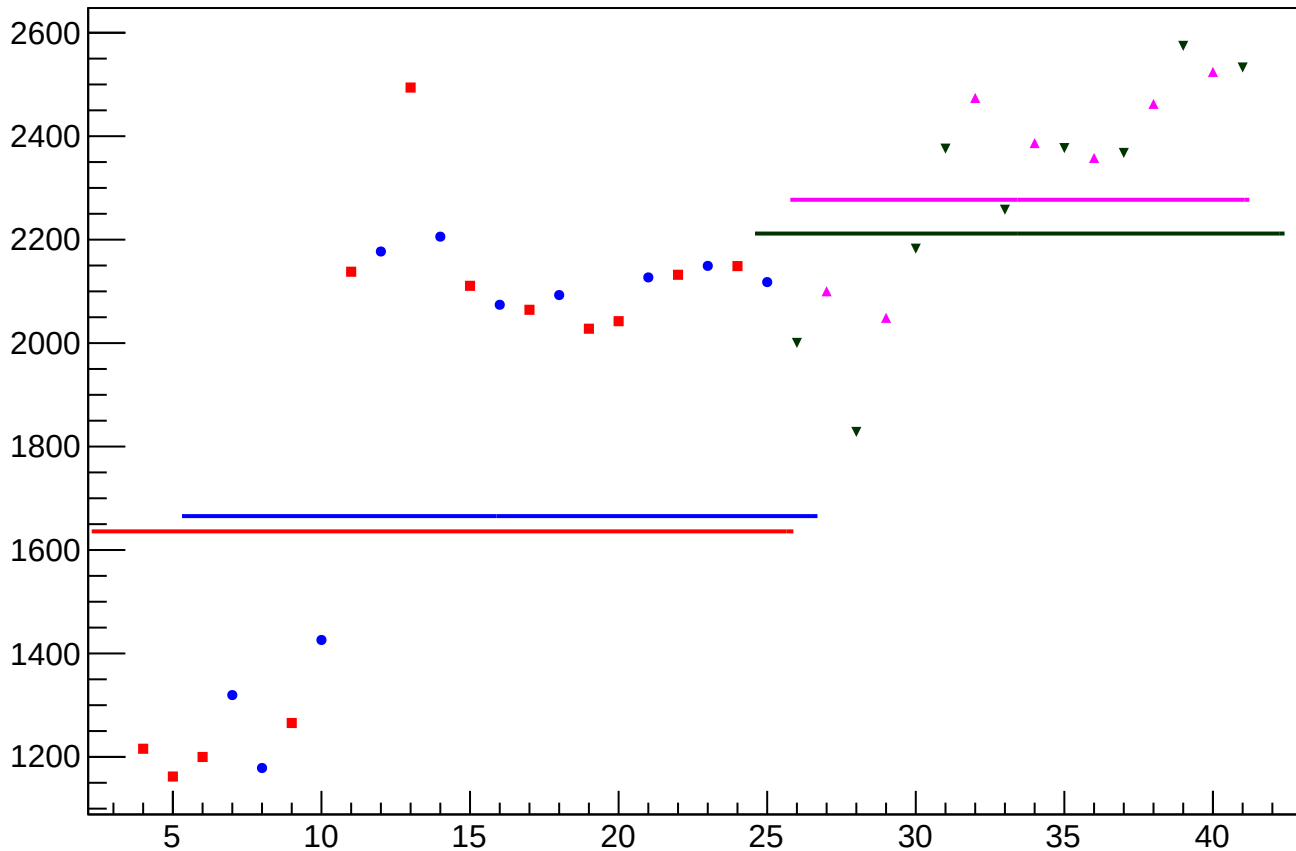
Right Out: -0.461 ± 0.674 $\chi^2/\text{NDF}: 26.8/11$

Left In: 0.776 ± 1.069 $\chi^2/\text{NDF}: 8.5/6$

0.577 ± 0.566 $\chi^2/\text{NDF}: 23.9/18$

-0.109 ± 0.570 $\chi^2/\text{NDF}: 36.3/18$

diff_bpm11Y_rms vs slug



Right In: 1665.539+/-0.482 χ^2/NDF : 830367.8/9

Left Out: 2211.809+/-0.717 χ^2/NDF :127697.6/8

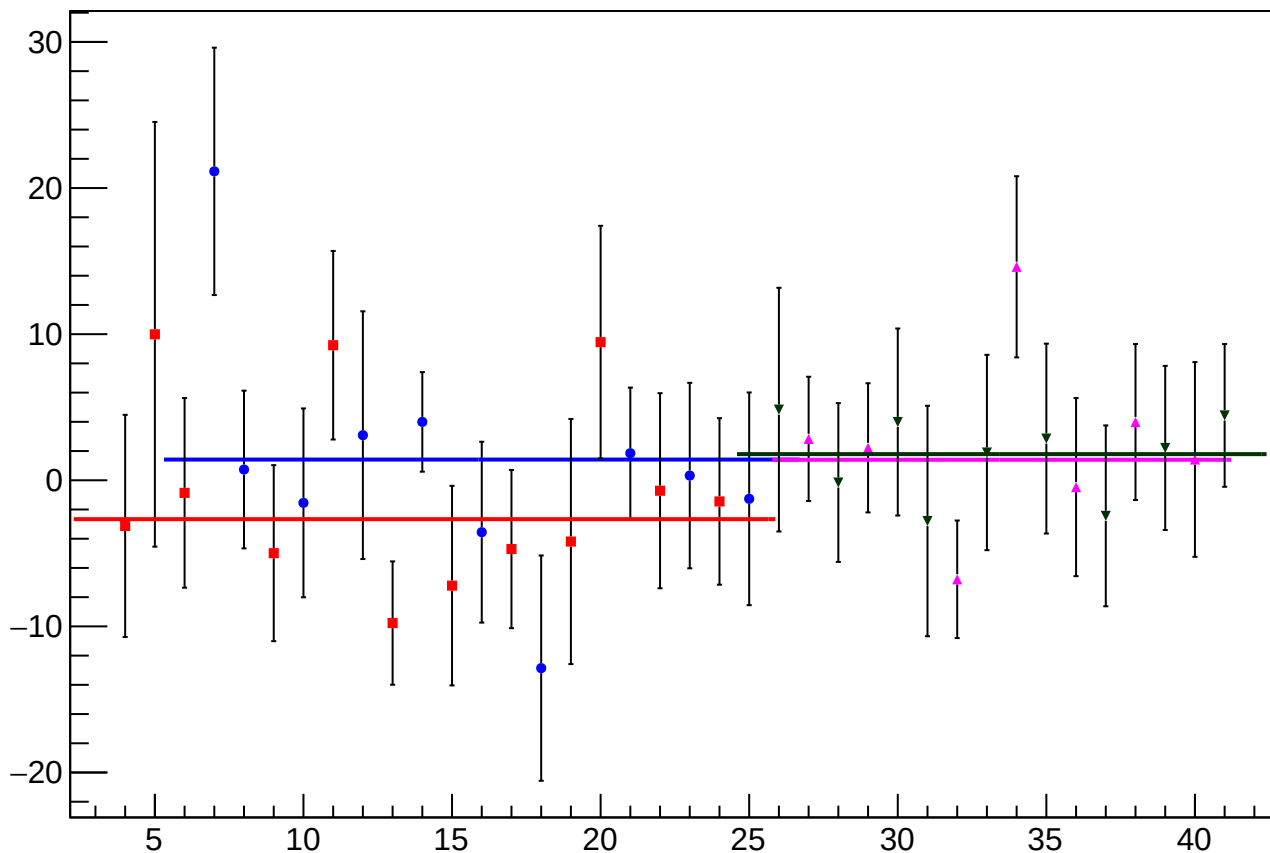
1835.505+/-0.400 χ^2/NDF : 1357687.1/18

Right Out: 1636.018+/-0.477 χ^2/NDF : 990659.4/11

1818.634+/-0.403 χ^2/NDF : 1567939.3/18

Left In: 2277.093+/-0.756 χ^2/NDF :62556.7/6

diff_bpm12X_mean vs slug



Right In: 1.418 ± 1.800 χ^2/NDF : 10.5/9

Left Out: 1.789 ± 2.065 χ^2/NDF : 1.5/8

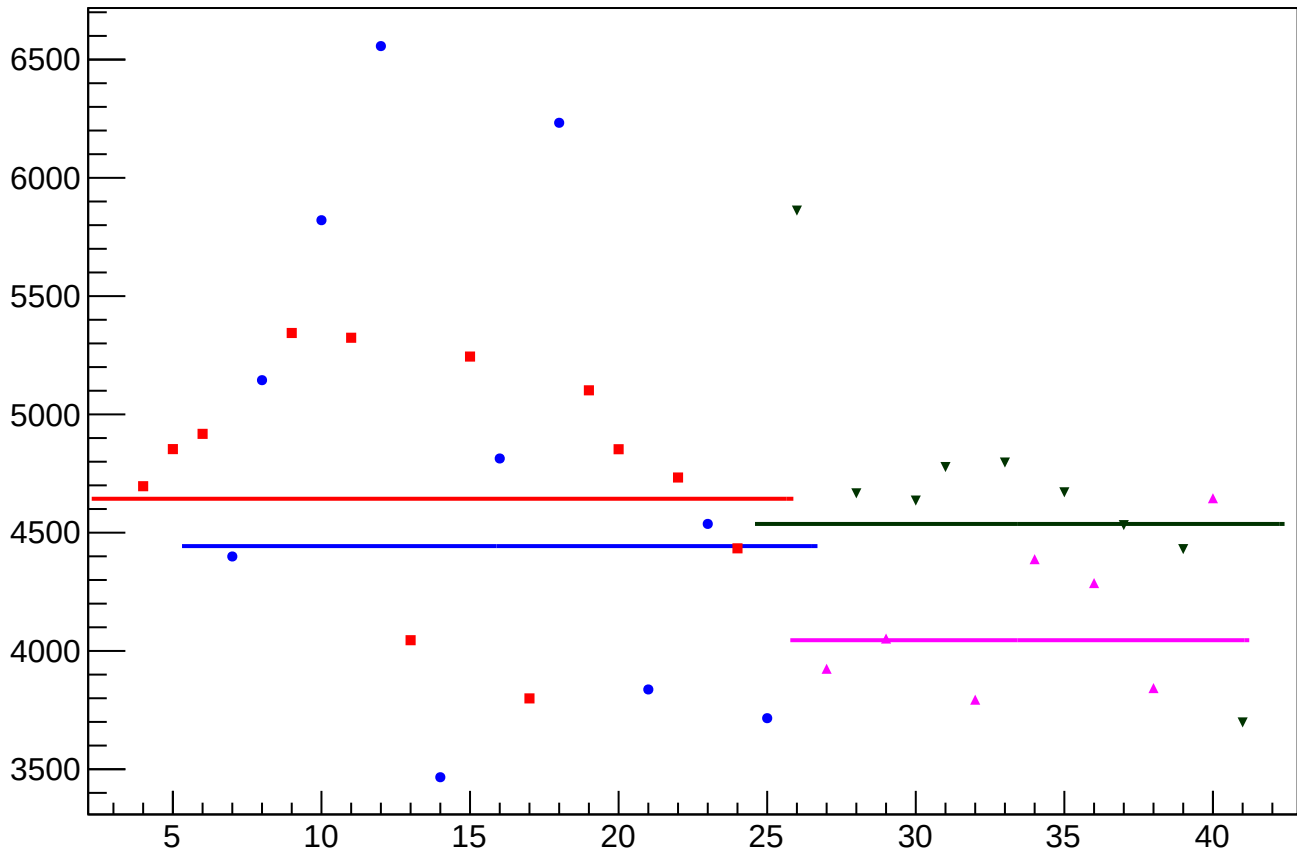
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 1.402 ± 1.894 χ^2/NDF : 9.1/6

1.578 ± 1.357 χ^2/NDF : 12.0/18

-0.677 ± 1.323 χ^2/NDF : 21.8/18

diff_bpm12X_rms vs slug



Right In: 4443.230+/-1.273 χ^2/NDF : 585369.1/9

Left Out: 4536.899+/-1.460 χ^2/NDF : 117534.8/8

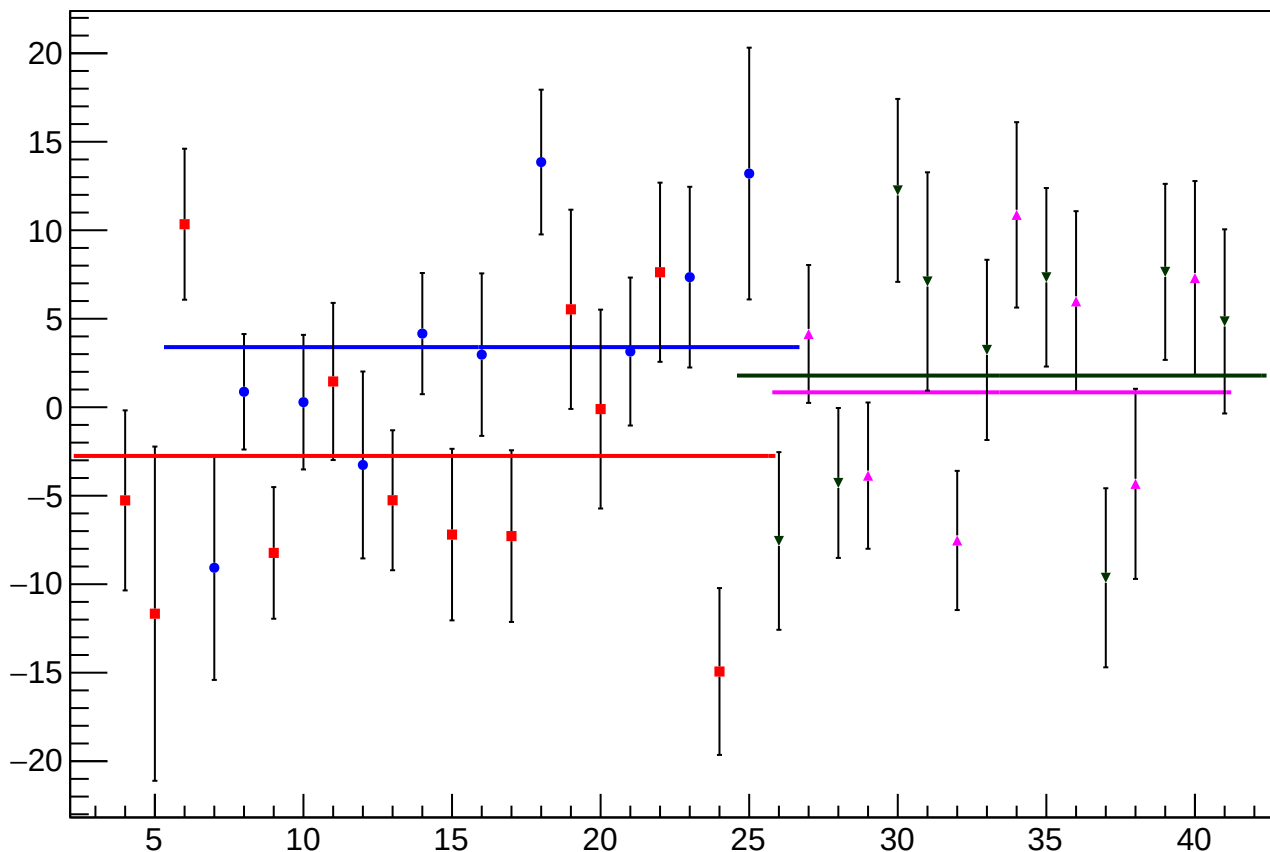
4483.677+/-0.960 χ^2/NDF : 705241.7/18

Right Out: 4643.387+/-1.308 χ^2/NDF : 168050.7/11

4351.437+/-0.936 χ^2/NDF : 307864.2/18

Left In: 4045.398+/-1.339 χ^2/NDF : 37773.2/6

diff_bpm12Y_mean vs slug



Right In: 3.397 ± 1.371 χ^2/NDF : 15.8/9

Left Out: 1.789 ± 1.682 χ^2/NDF : 18.5/8

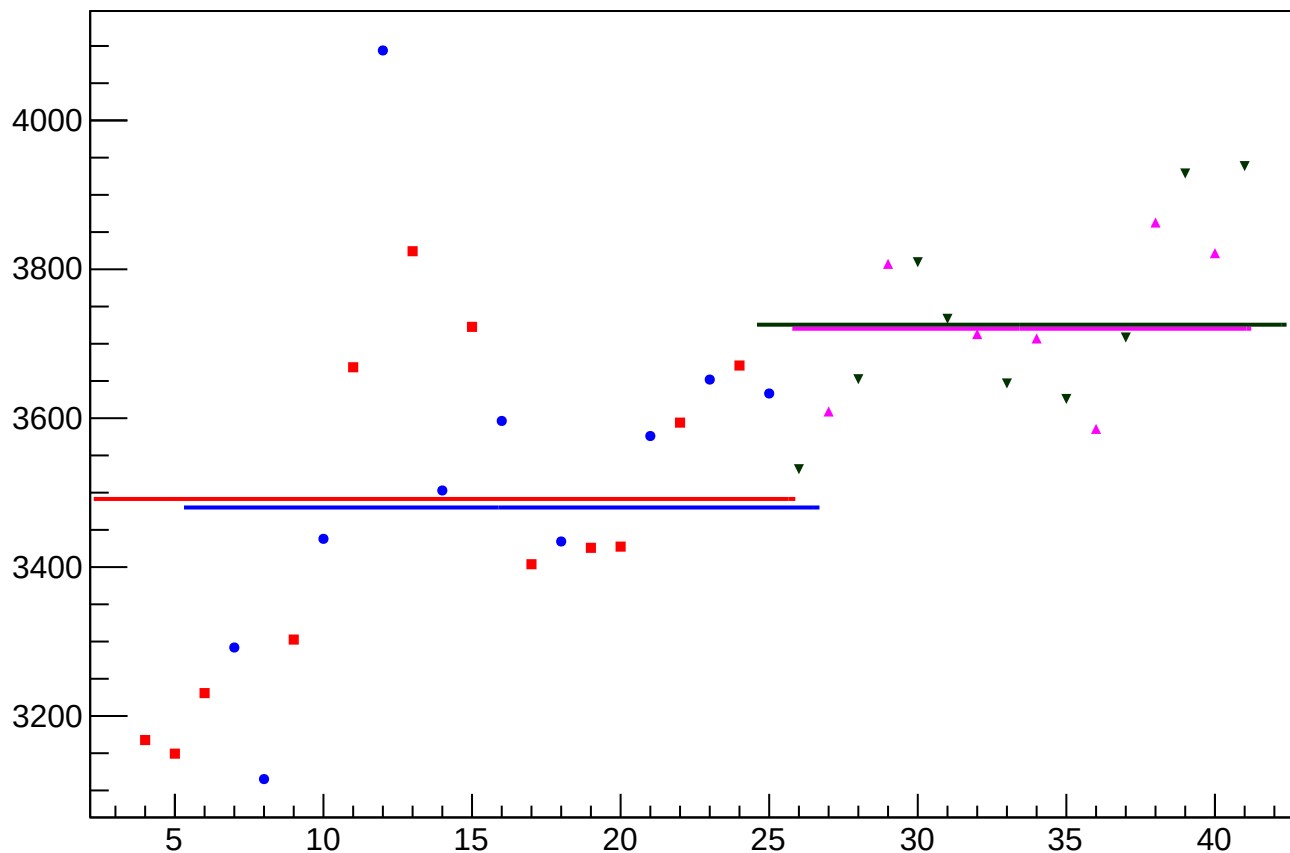
Right Out: -2.752 ± 1.381 χ^2/NDF : 29.0/11

Left In: 0.842 ± 1.735 χ^2/NDF : 13.5/6

2.755 ± 1.063 χ^2/NDF : 34.9/18

-1.358 ± 1.081 χ^2/NDF : 45.2/18

diff_bpm12Y_rms vs slug



Right In: 3480.066 ± 0.970 χ^2/NDF : 59916.3/9

Left Out: 3725.610 ± 1.189 χ^2/NDF : 12094.4/8

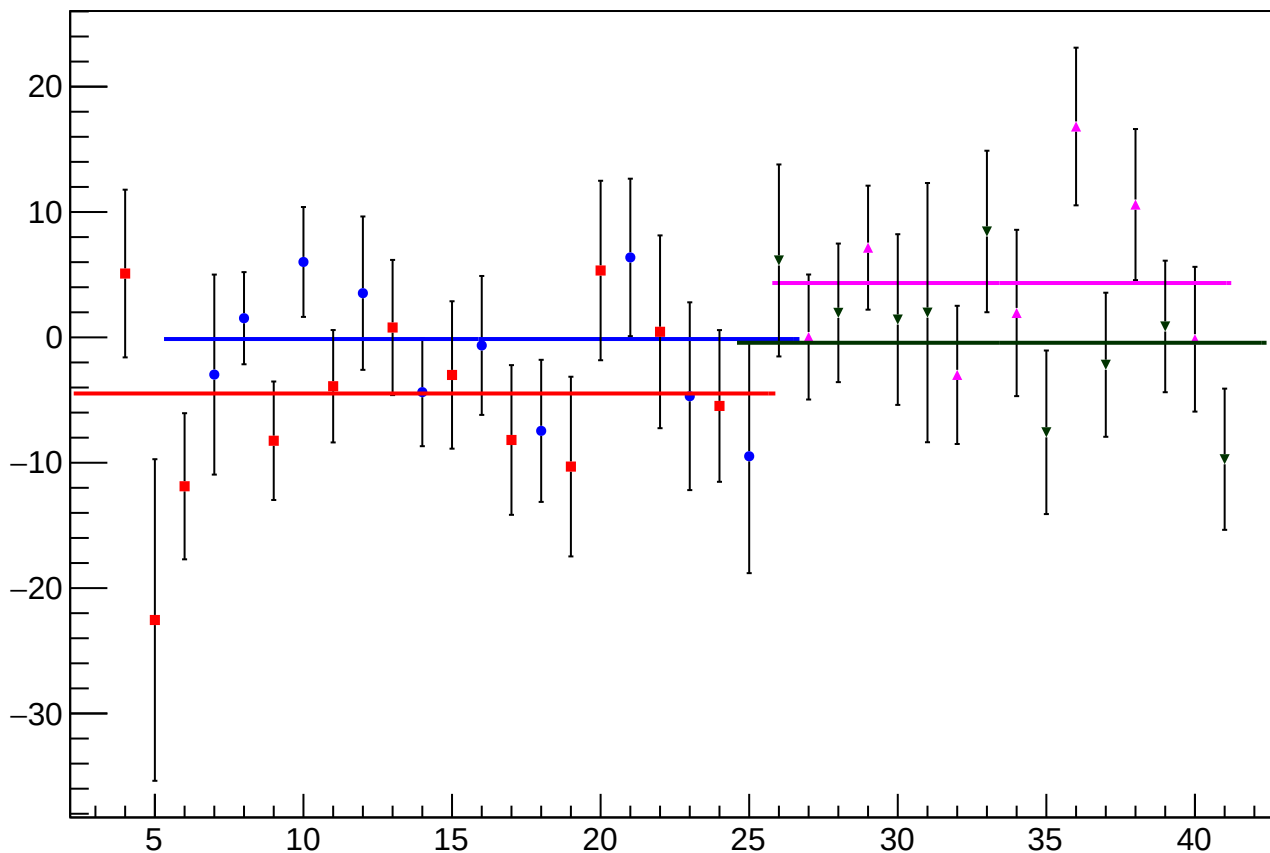
Right Out: 3491.537 ± 0.977 χ^2/NDF : 50144.5/11

Left In: 3720.159 ± 1.227 χ^2/NDF : 6029.0/6

3578.105 ± 0.752 χ^2/NDF : 97614.0/18

3580.208 ± 0.764 χ^2/NDF : 77423.1/18

diff_bpm16X_mean vs slug



Right In: -0.131 ± 1.713 χ^2/NDF : 7.7/9

Left Out: -0.430 ± 2.101 χ^2/NDF : 7.0/8

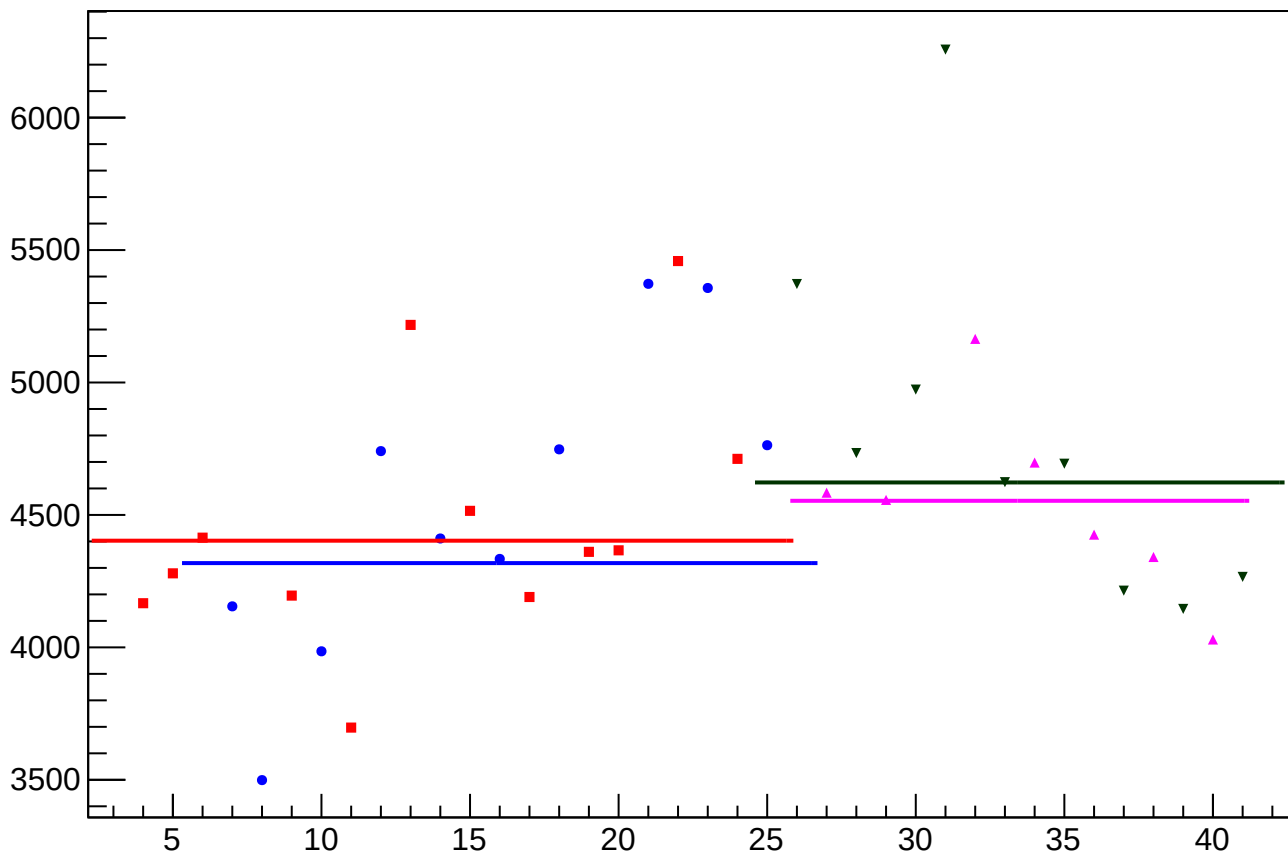
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 4.337 ± 2.134 χ^2/NDF : 8.6/6

-0.250 ± 1.328 χ^2/NDF : 14.8/18

-0.936 ± 1.353 χ^2/NDF : 29.5/18

diff_bpm16X_rms vs slug



Right In: 4318.170+/-1.212 χ^2/NDF : 233125.4/9

Left Out: 4622.636+/-1.486 χ^2/NDF :110130.1/8

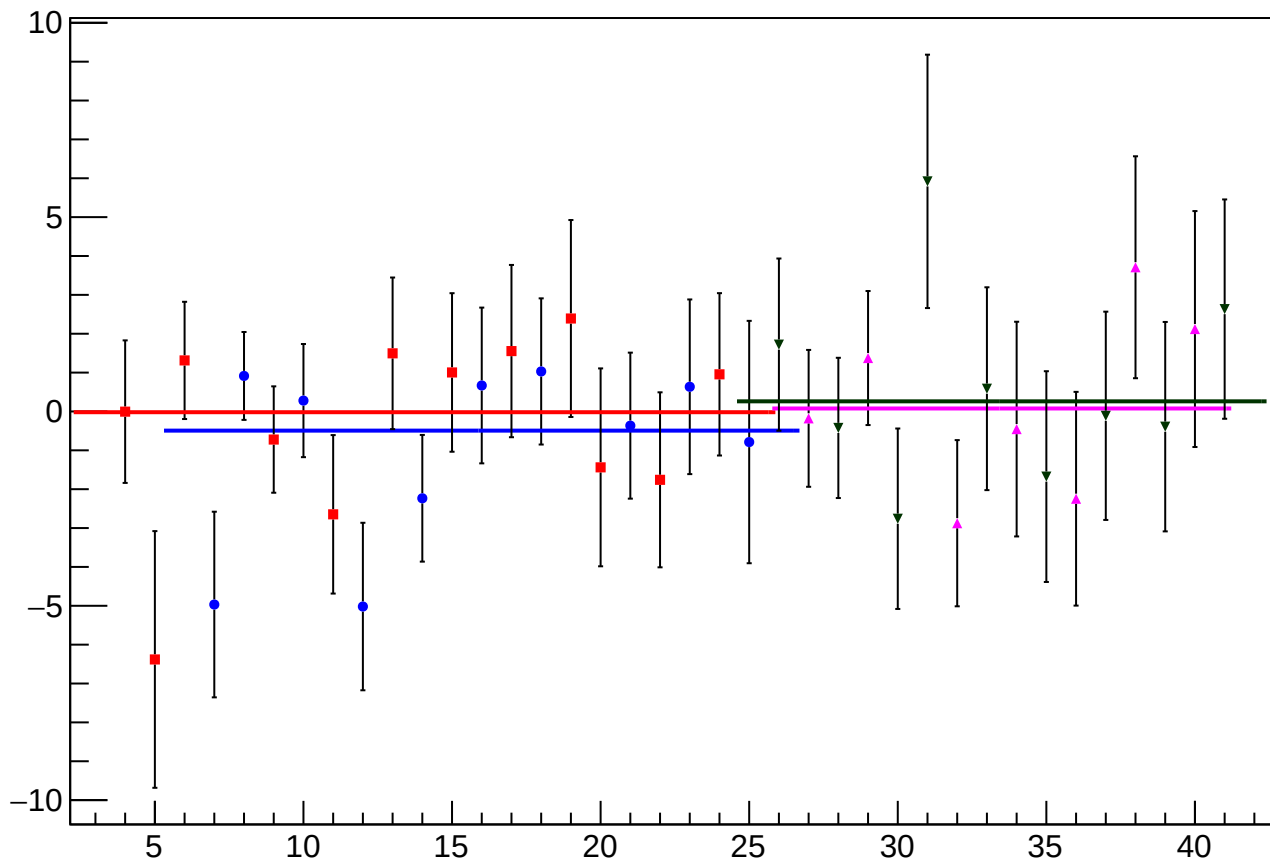
Right Out: 4402.778+/-1.237 χ^2/NDF : 148052.0/11

Left In: 4553.360+/-1.509 χ^2/NDF :45381.1/6

4439.748+/-0.939 χ^2/NDF : 368474.4/18

4463.272+/-0.956 χ^2/NDF : 199390.4/18

diff_bpm16Y_mean vs slug



Right In: -0.493 ± 0.565 $\chi^2/\text{NDF}: 12.1/9$

Left Out: 0.261 ± 0.823 $\chi^2/\text{NDF}: 6.6/8$

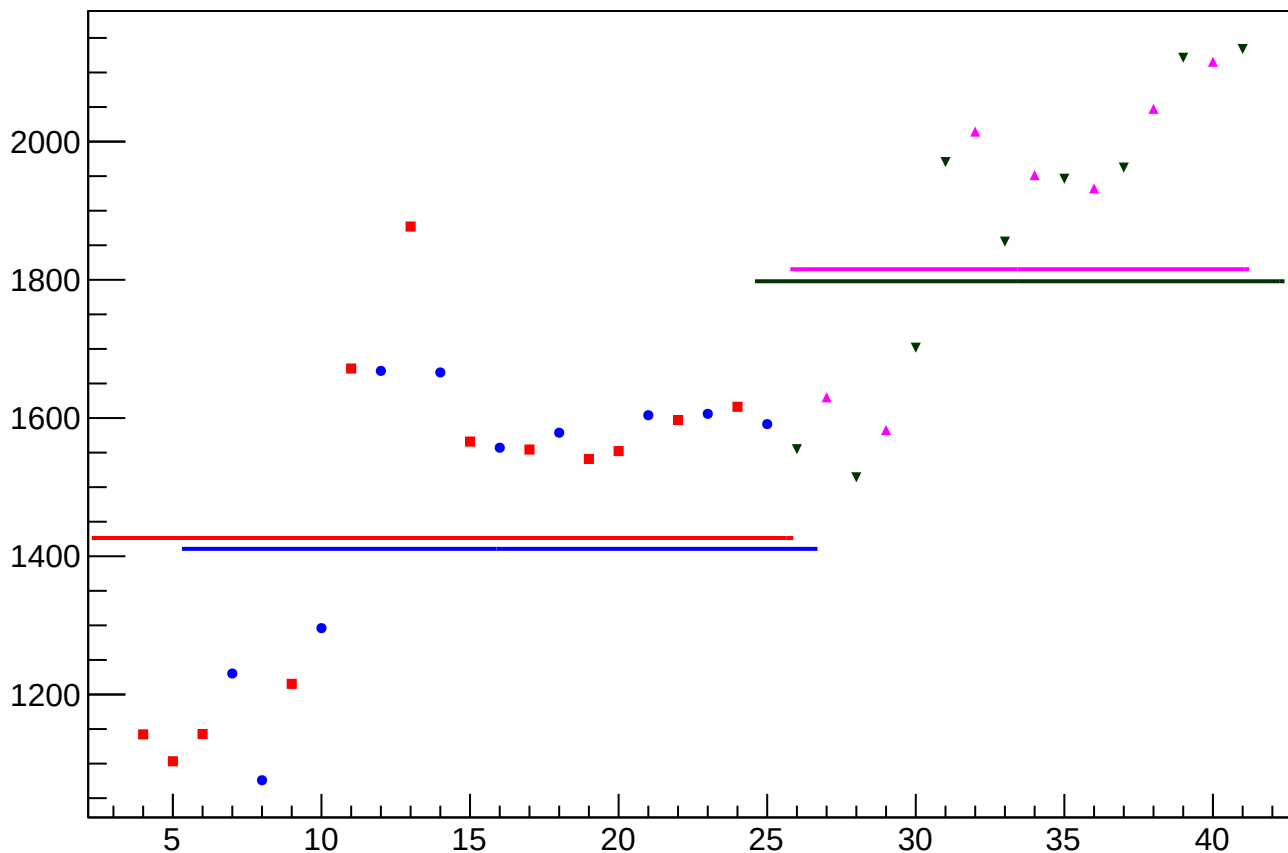
Right Out: -0.019 ± 0.573 $\chi^2/\text{NDF}: 9.8/11$

Left In: 0.077 ± 0.854 $\chi^2/\text{NDF}: 5.3/6$

-0.252 ± 0.466 $\chi^2/\text{NDF}: 19.3/18$

0.011 ± 0.476 $\chi^2/\text{NDF}: 15.1/18$

diff_bpm16Y_rms vs slug



Right In: 1410.712 $\pm$ 0.399 χ^2 /NDF: 346456.4/9

Left Out: 1797.908 $\pm$ 0.582 χ^2 /NDF:154212.1/8

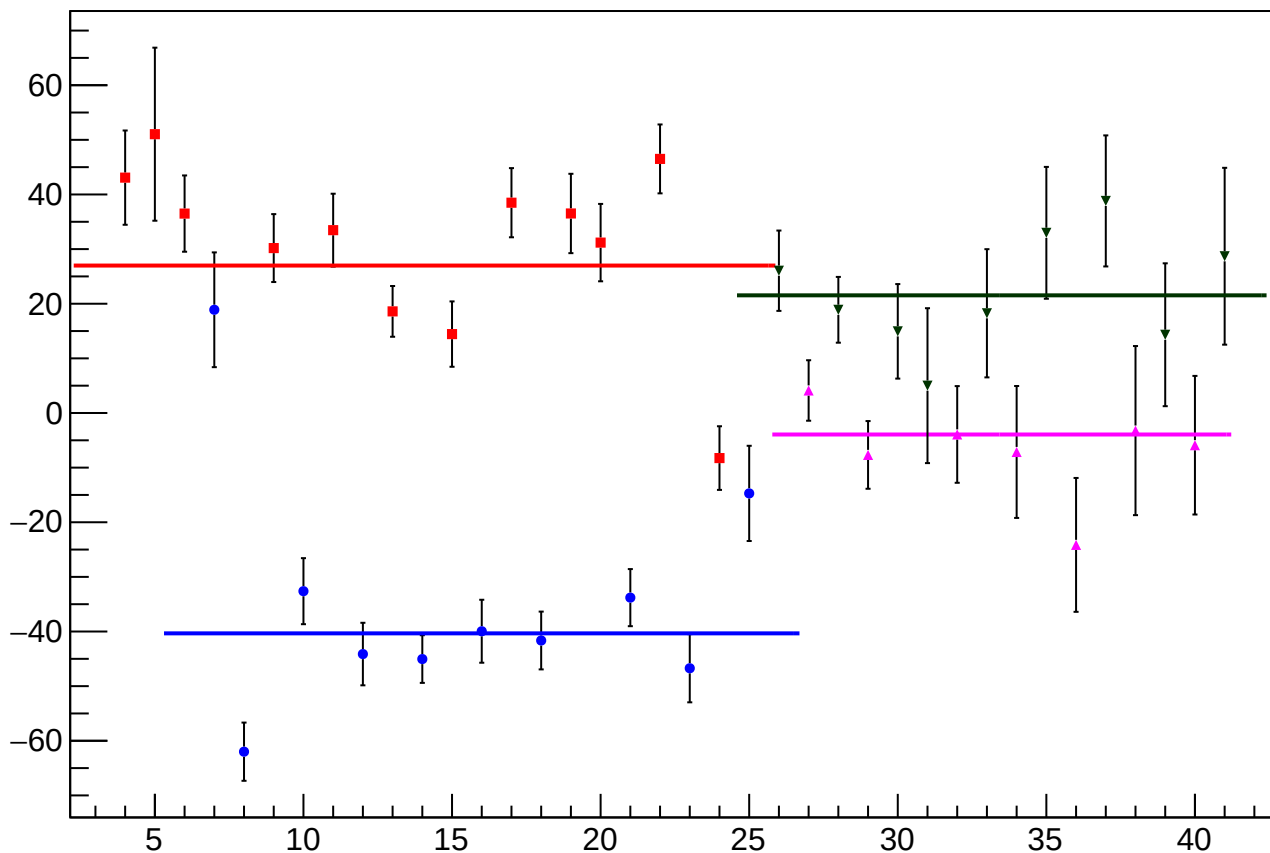
Right Out: 1426.417 $\pm$ 0.405 χ^2 /NDF: 374185.0/11

Left In: 1815.333 $\pm$ 0.604 χ^2 /NDF:117140.8/6

1534.603 $\pm$ 0.329 χ^2 /NDF: 801648.6/18

1547.193 $\pm$ 0.336 χ^2 /NDF: 777513.7/18

diff_bpm0l01X_mean vs slug



Right In: -40.337 ± 1.838 χ^2/NDF : 62.9/9

Left Out: 21.537 ± 3.242 χ^2/NDF : 6.1/8

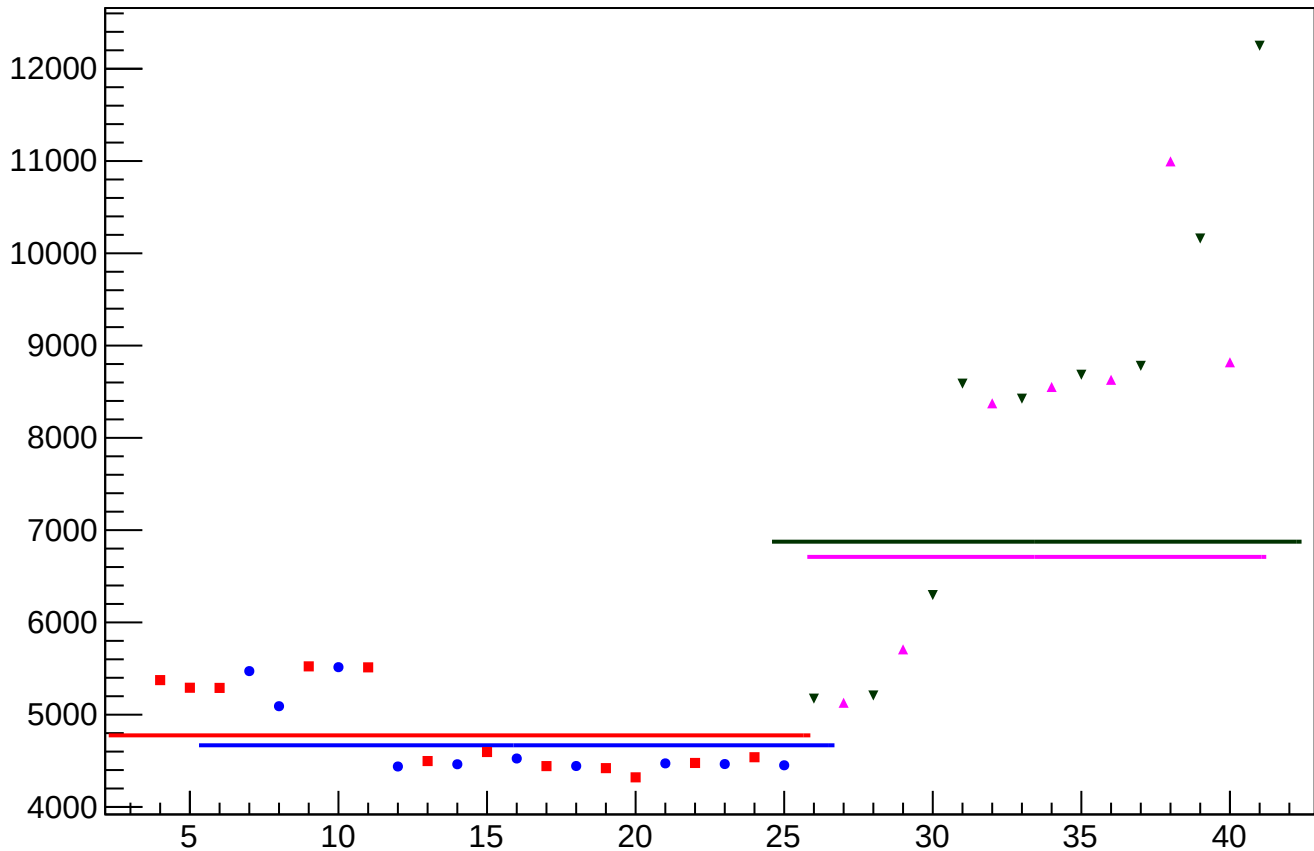
Right Out: 26.988 ± 1.893 χ^2/NDF : 68.1/11

Left In: -3.937 ± 3.238 χ^2/NDF : 5.3/6

-25.286 ± 1.599 χ^2/NDF : 344.6/18

19.112 ± 1.634 χ^2/NDF : 141.3/18

diff_bpm0l01X_rms vs slug



Right In: 4668.263+/-1.300 χ^2/NDF : 82261.6/9

Left Out: 6874.860+/-2.292 χ^2/NDF : 775609.6/8

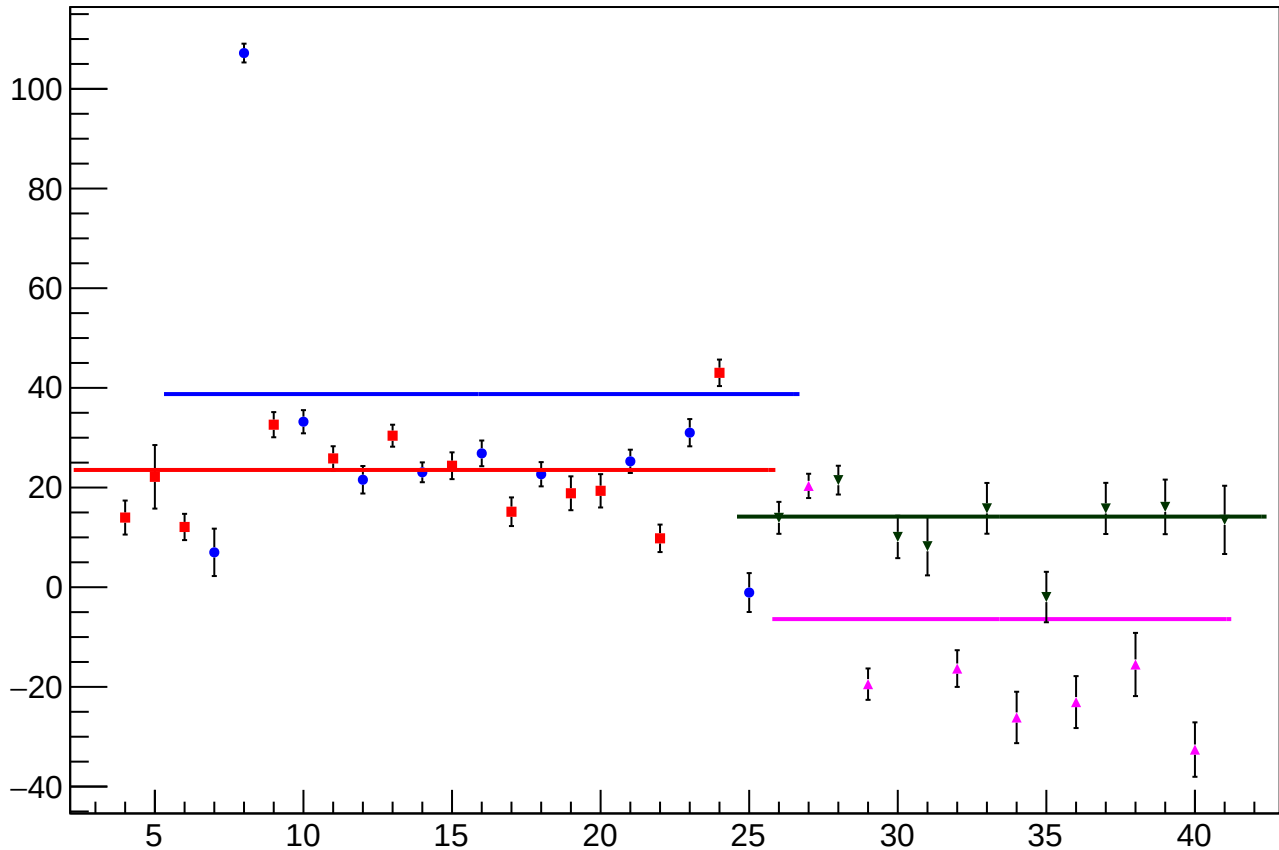
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

Left In: 6710.022+/-2.290 χ^2/NDF : 590398.6/6

5205.027+/-1.131 χ^2/NDF : 1559170.2/18

5268.464+/-1.156 χ^2/NDF : 1233464.7/18

diff_bpm0l01Y_mean vs slug



Right In: 38.757 $\pm$ 0.792 χ^2 /NDF: 1680.6/9

Left Out: 14.170 $\pm$ 1.456 χ^2 /NDF: 18.9/8

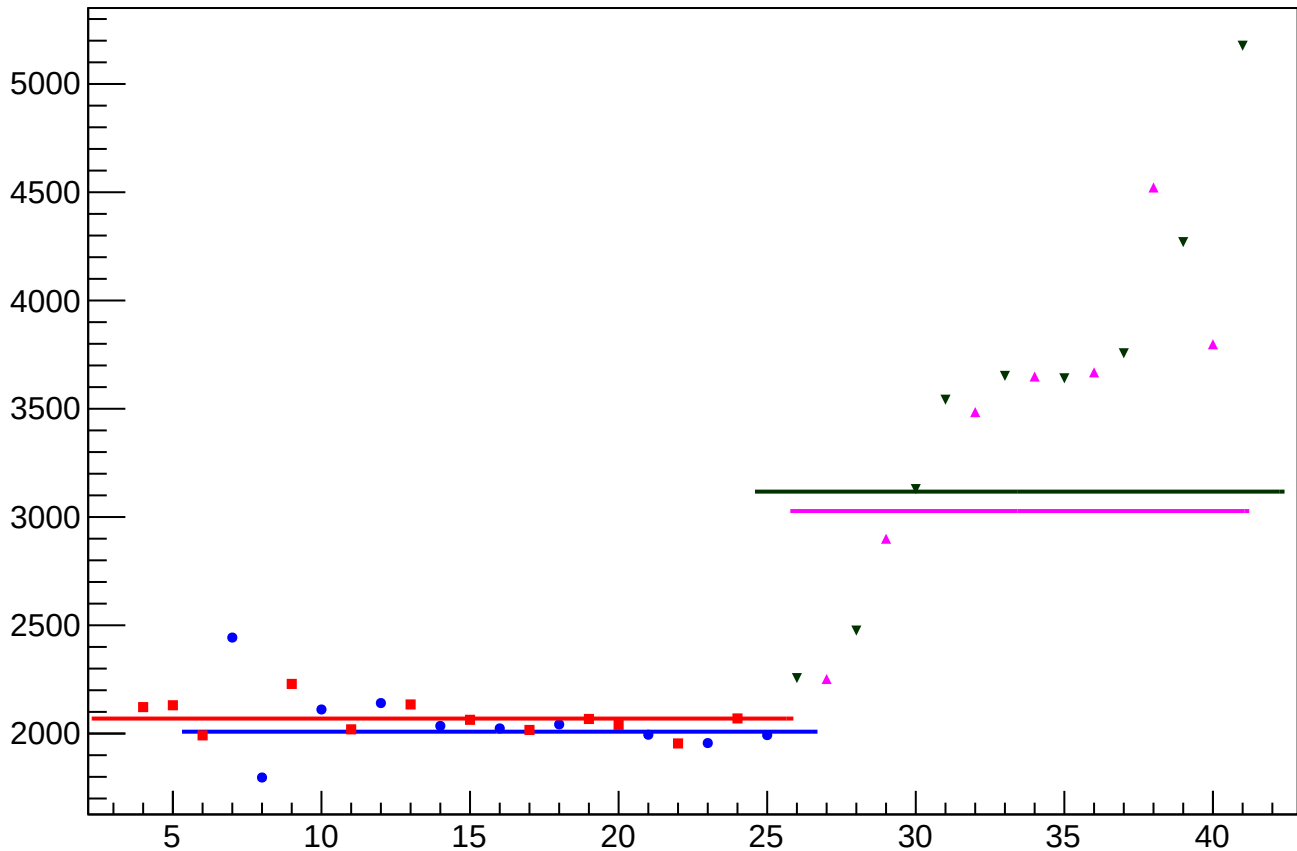
Right Out: 23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

Left In: -6.399 $\pm$ 1.449 χ^2 /NDF: 194.8/6

33.148 $\pm$ 0.695 χ^2 /NDF: 1919.5/18

16.294 $\pm$ 0.713 χ^2 /NDF: 658.9/18

diff_bpm0l01Y_rms vs slug



Right In: 2008.589+/-0.560 χ^2/NDF : 52078.5/9

Left Out: 3117.360+/-1.030 χ^2/NDF : 597303.1/8

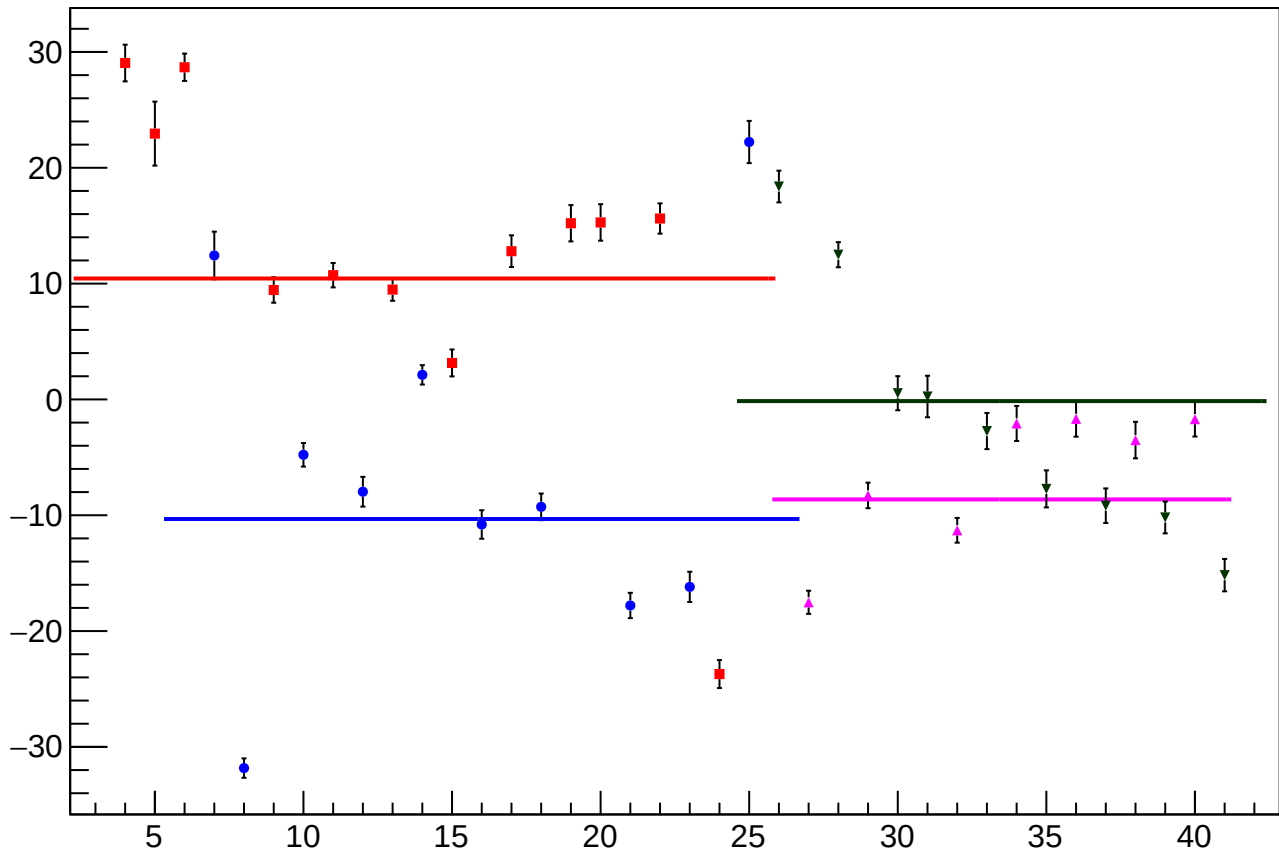
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 3027.581+/-1.025 χ^2/NDF : 447127.7/6

2261.540+/-0.492 χ^2/NDF : 1544538.7/18

2300.913+/-0.504 χ^2/NDF : 1127356.2/18

diff_bpm2i01X_mean vs slug



Right In: -10.326 ± 0.358 χ^2/NDF : 1420.3/9

Left Out: -0.144 ± 0.474 χ^2/NDF : 550.4/8

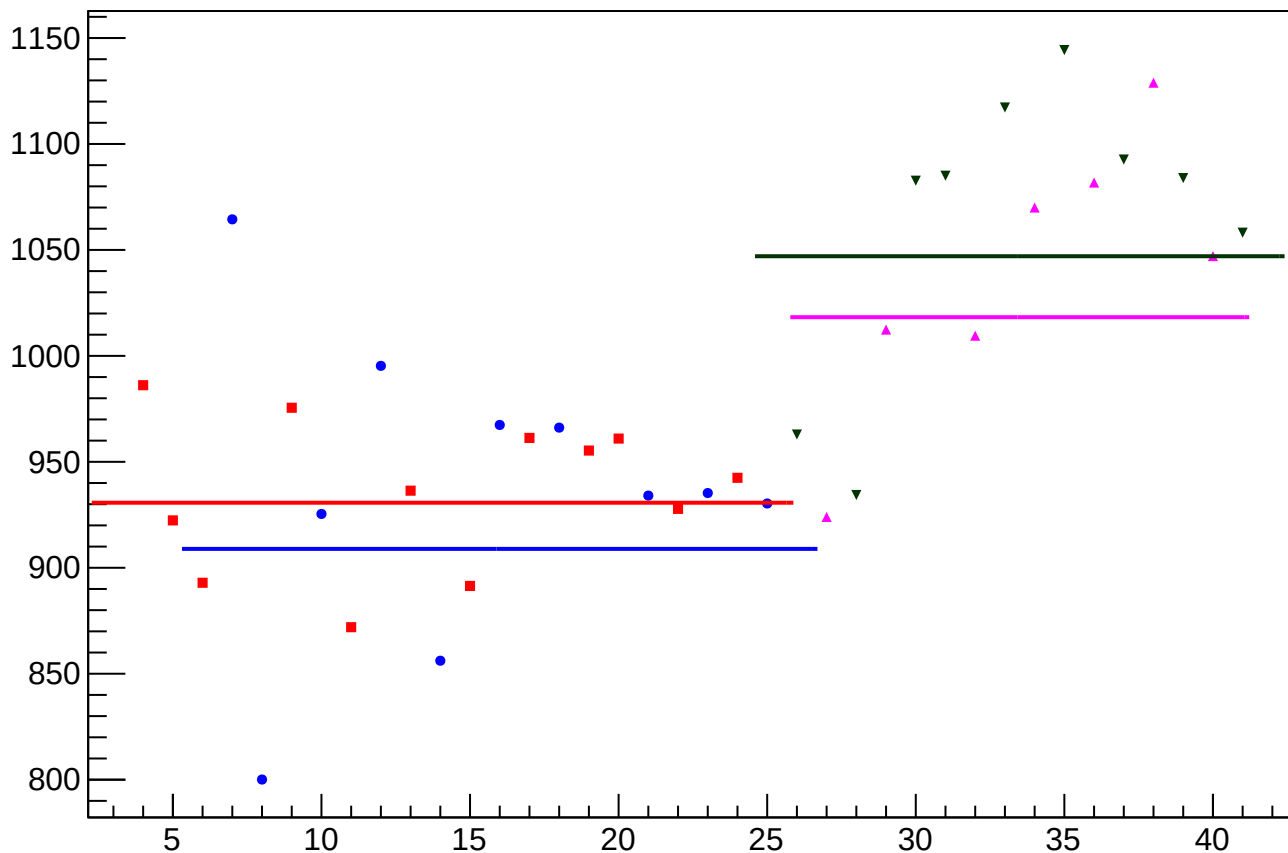
-6.625 ± 0.286 χ^2/NDF : 2264.4/18

Right Out: 10.440 ± 0.368 χ^2/NDF : 1273.2/11

3.313 ± 0.291 χ^2/NDF : 2434.6/18

Left In: -8.634 ± 0.476 χ^2/NDF : 156.5/6

diff_bpm2i01X_rms vs slug



Right In: 908.921+/-0.253 χ^2/NDF : 74231.9/9

Left Out: 1047.019+/-0.335 χ^2/NDF : 46144.3/8

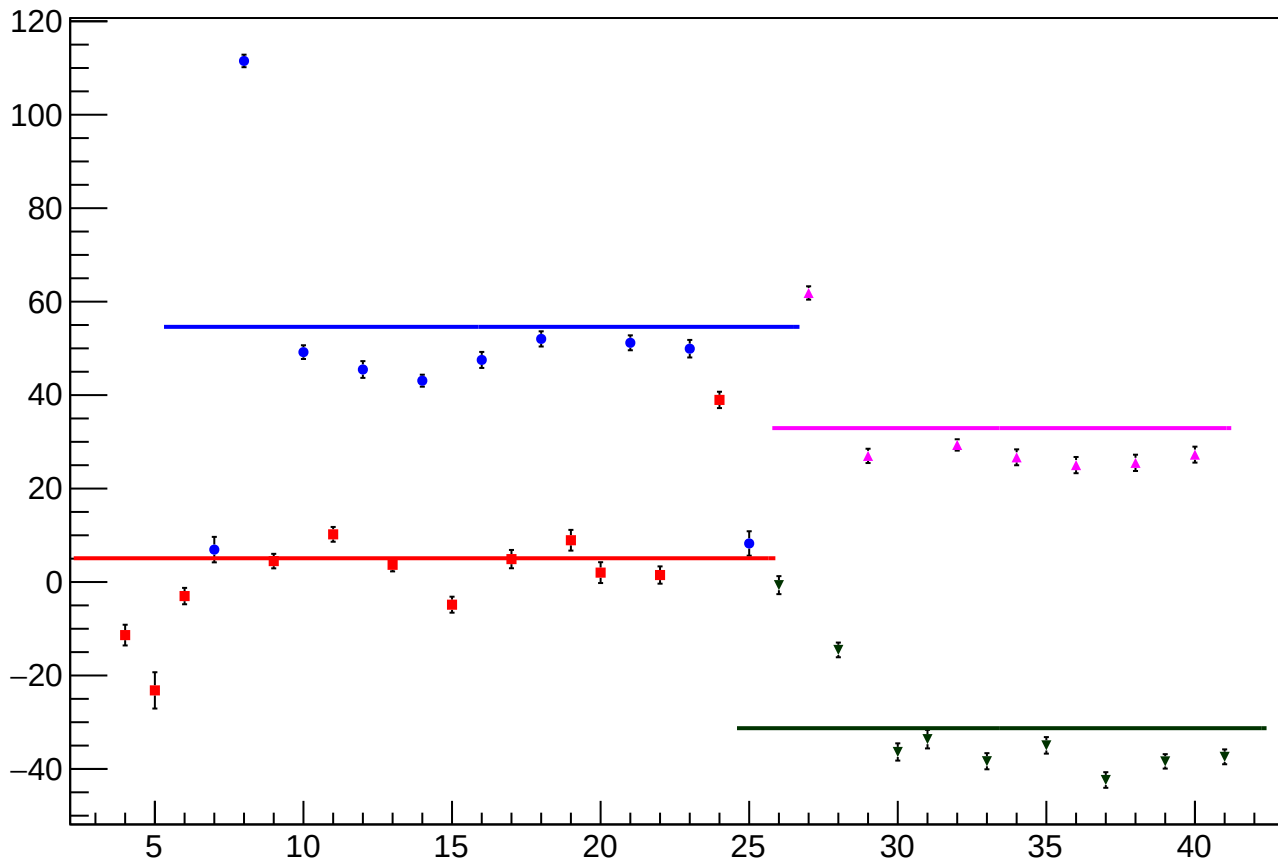
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 1018.256+/-0.337 χ^2/NDF : 34348.0/6

959.109+/-0.202 χ^2/NDF : 228452.1/18

963.418+/-0.206 χ^2/NDF : 95506.9/18

diff_bpm2i01Y_mean vs slug



Right In: 54.607 $\pm$ 0.526 χ^2 /NDF: 2569.1/9

Left Out: -31.277 $\pm$ 0.573 χ^2 /NDF: 475.6/8

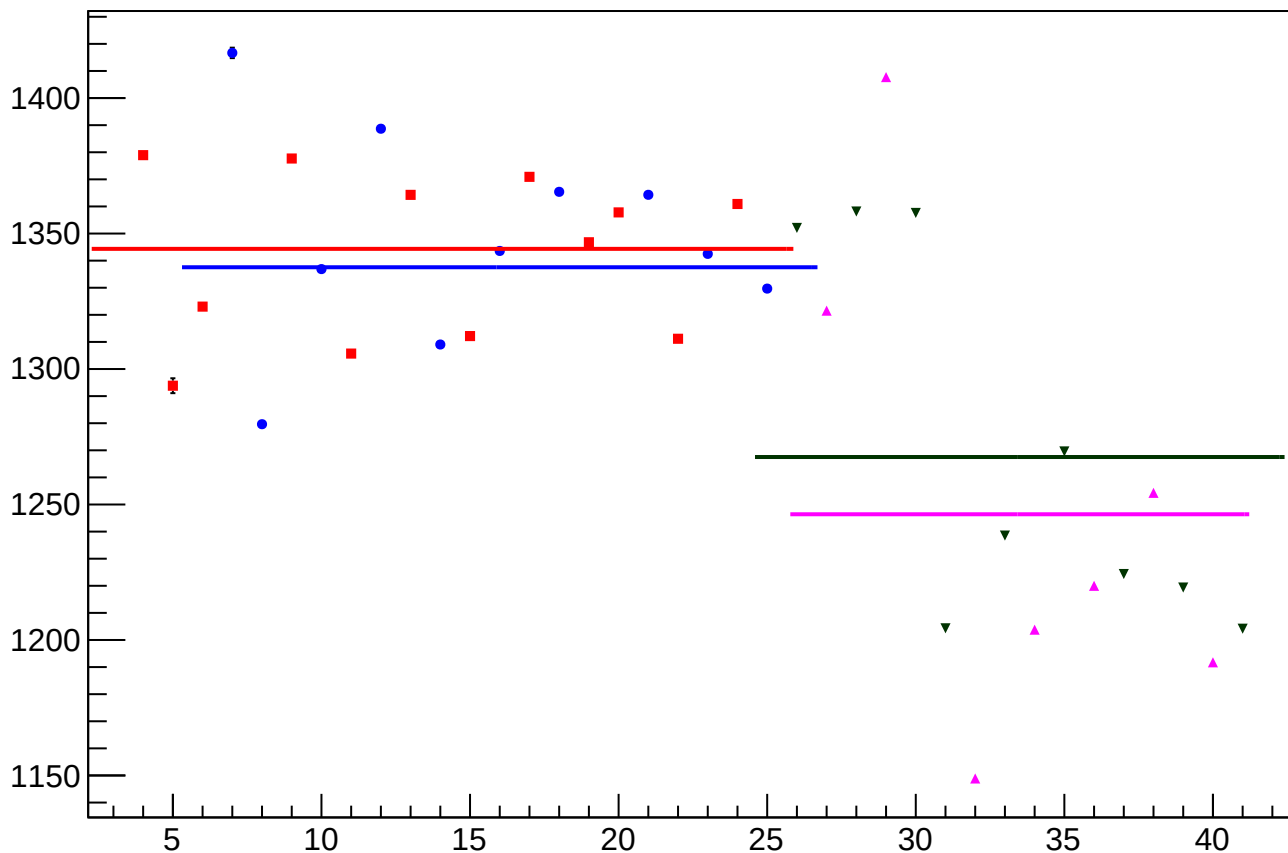
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 32.936 $\pm$ 0.583 χ^2 /NDF: 496.9/6

15.311 $\pm$ 0.388 χ^2 /NDF: 15235.6/18

17.738 $\pm$ 0.393 χ^2 /NDF: 2302.3/18

diff_bpm2i01Y_rms vs slug



Right In: 1337.560+/-0.372 χ^2/NDF : 9226.5/9

Left Out: 1267.526+/-0.405 χ^2/NDF : 24284.2/8

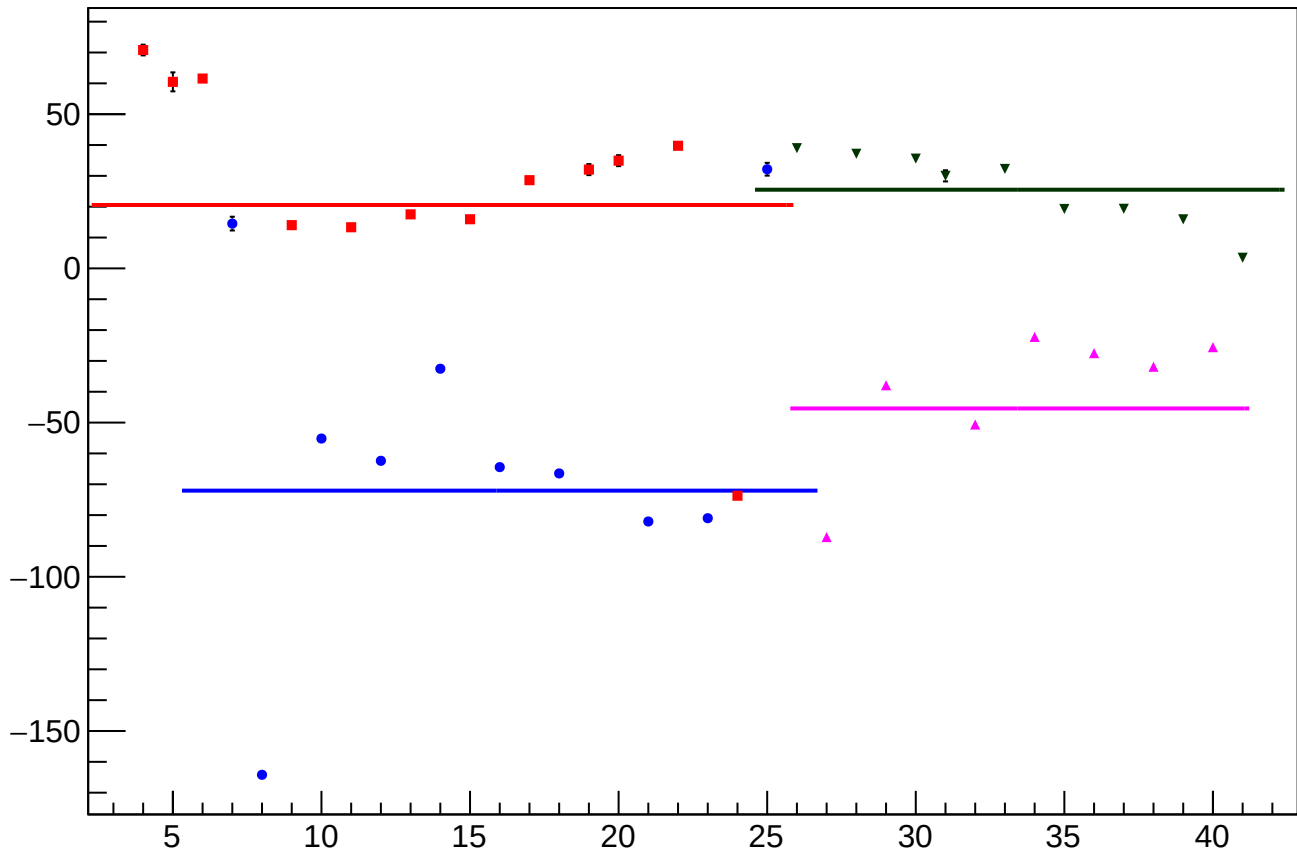
Right Out: 1344.349+/-0.376 χ^2/NDF : 5607.5/11

Left In: 1246.397+/-0.412 χ^2/NDF : 44486.5/6

1305.516+/-0.274 χ^2/NDF : 49723.2/18

1299.853+/-0.278 χ^2/NDF : 80929.9/18

diff_bpm2i02X_mean vs slug



Right In: -72.062 $\pm$ 0.408 χ^2 /NDF: 15030.6/9

Left Out: 25.510 $\pm$ 0.498 χ^2 /NDF: 555.5/8

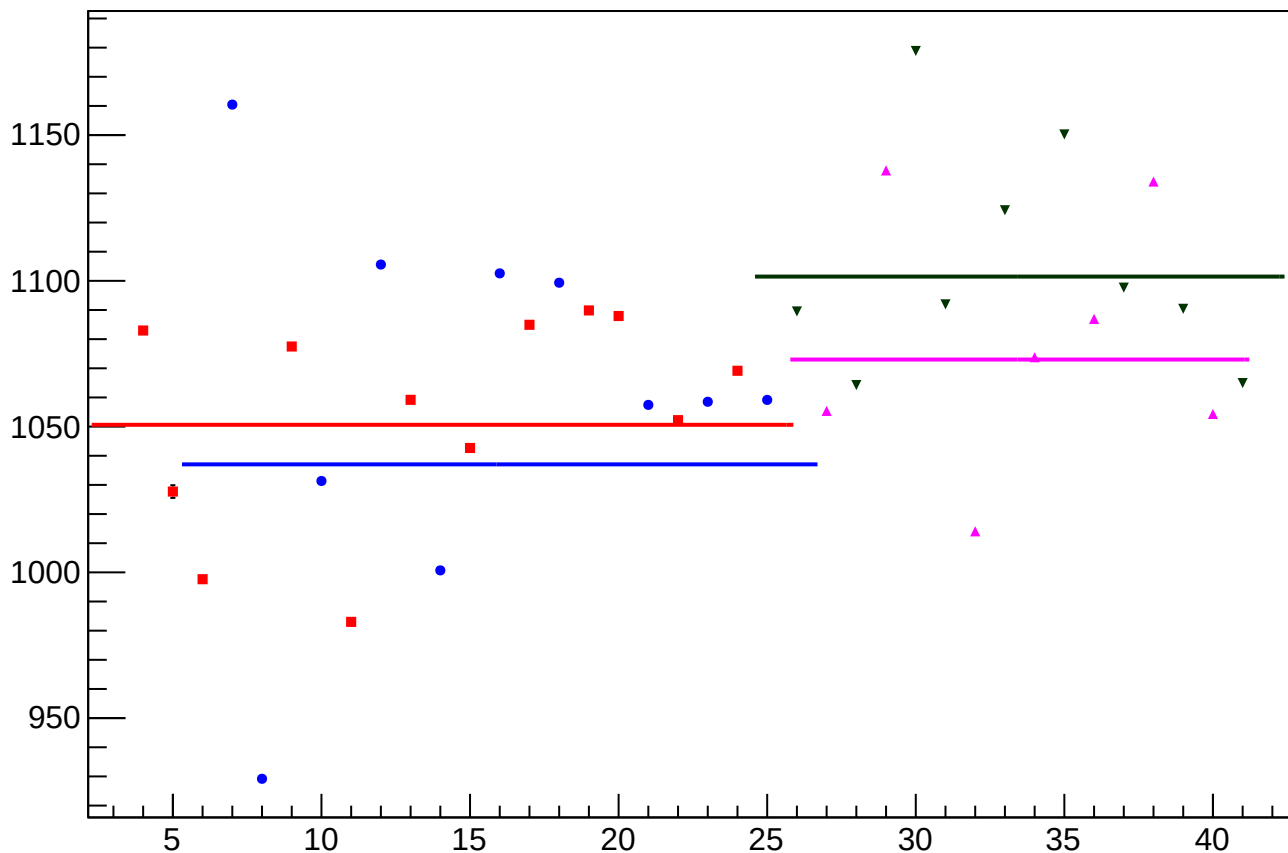
Right Out: 20.554 $\pm$ 0.415 χ^2 /NDF: 7076.4/11

Left In: -45.416 $\pm$ 0.501 χ^2 /NDF: 2011.6/6

-32.828 $\pm$ 0.316 χ^2 /NDF: 38576.6/18

-6.285 $\pm$ 0.320 χ^2 /NDF: 19365.5/18

diff_bpm2i02X_rms vs slug



Right In: 1037.049 ± 0.289 χ^2/NDF : 48151.7/9

Left Out: 1101.465 ± 0.352 χ^2/NDF : 10425.9/8

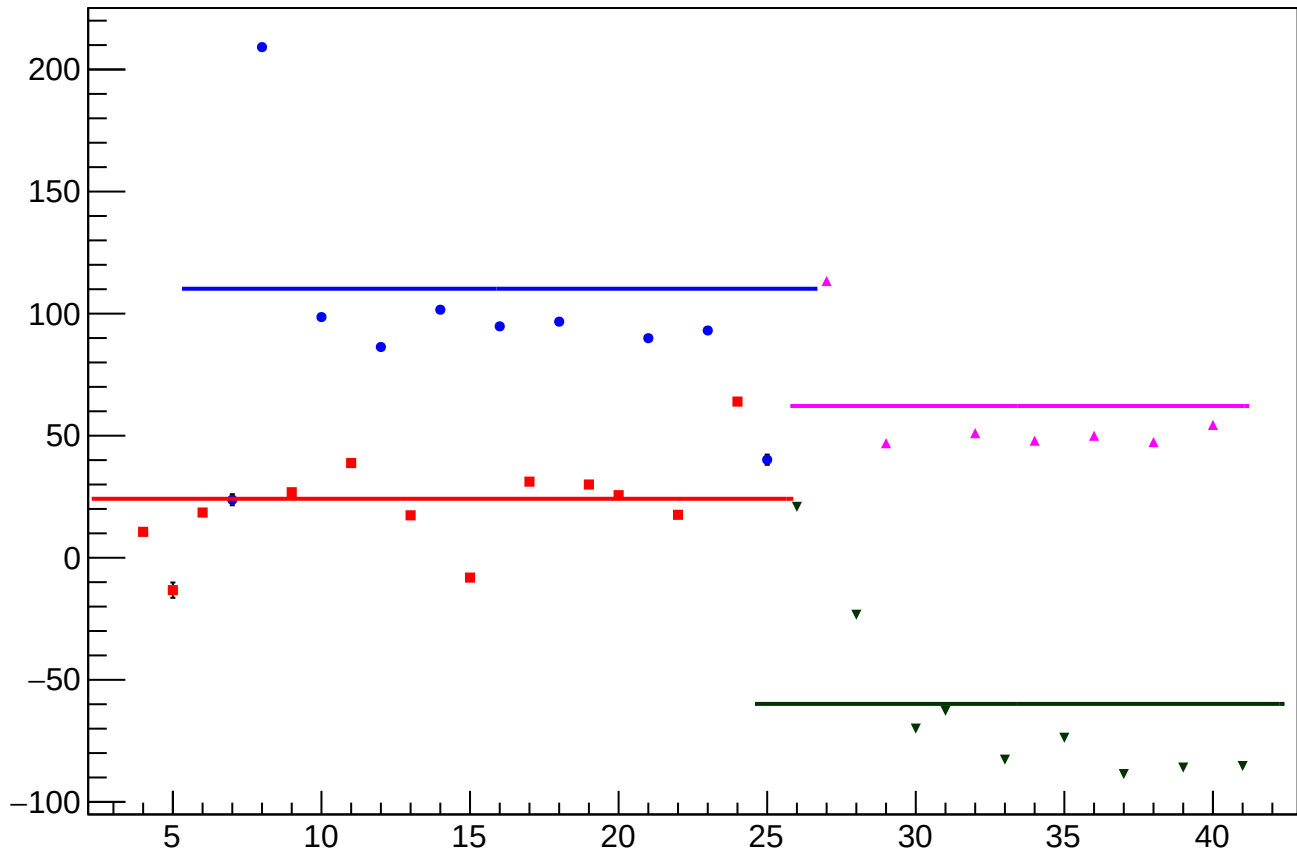
Right Out: 1050.613 ± 0.293 χ^2/NDF : 14851.7/11

Left In: 1073.005 ± 0.354 χ^2/NDF : 15468.2/6

1062.950 ± 0.223 χ^2/NDF : 78618.4/18

1059.722 ± 0.226 χ^2/NDF : 32688.1/18

diff_bpm2i02Y_mean vs slug



Right In: 110.199 $\pm$ 0.415 χ^2 /NDF: 13303.9/9

Left Out: -59.858 $\pm$ 0.502 χ^2 /NDF: 4929.3/8

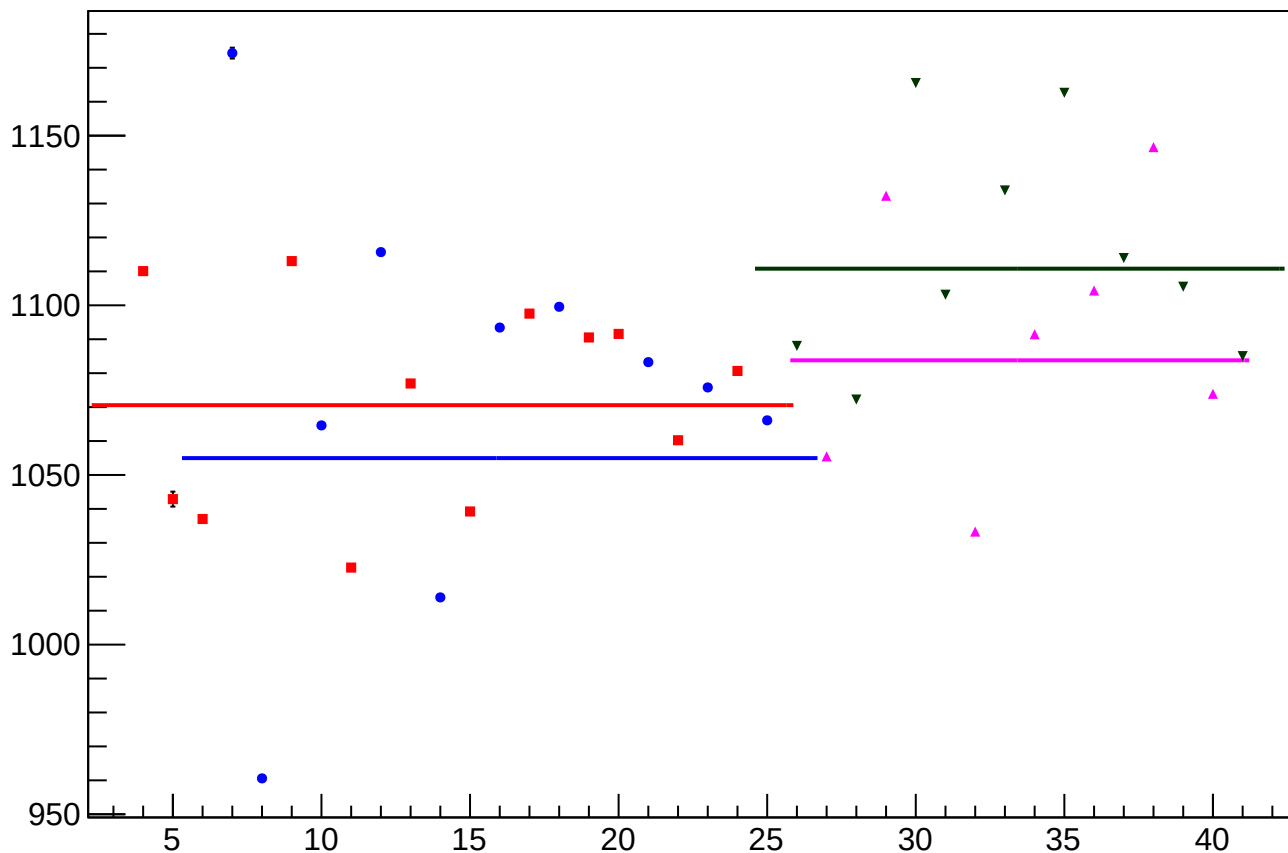
Right Out: 24.160 $\pm$ 0.423 χ^2 /NDF: 1842.7/11

Left In: 62.173 $\pm$ 0.506 χ^2 /NDF: 2527.4/6

41.097 $\pm$ 0.320 χ^2 /NDF: 86460.1/18

39.798 $\pm$ 0.325 χ^2 /NDF: 7692.8/18

diff_bpm2i02Y_rms vs slug



Right In: 1054.969+/-0.293 χ^2/NDF : 35538.9/9

Left Out: 1110.800+/-0.355 χ^2/NDF : 7936.7/8

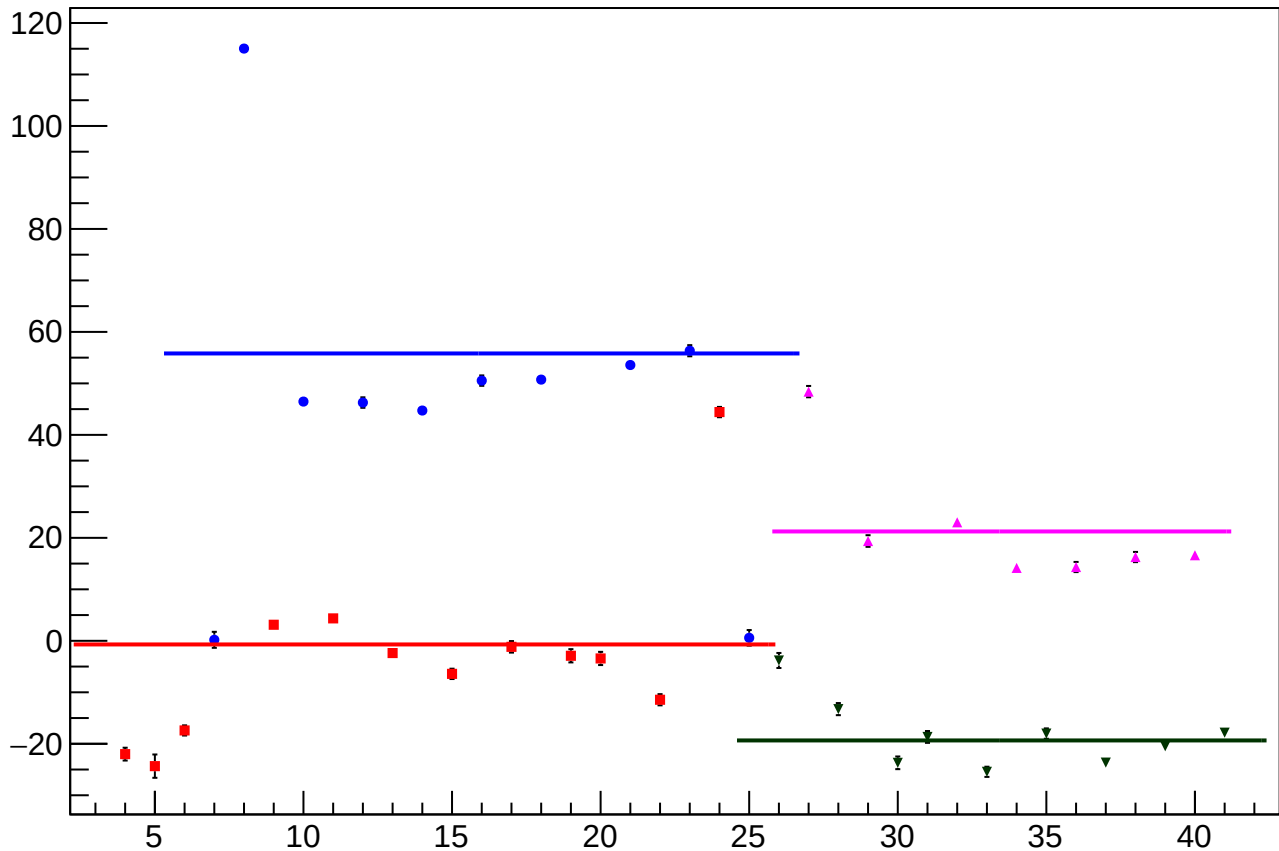
Right Out: 1070.566+/-0.299 χ^2/NDF : 10075.5/11

Left In: 1083.789+/-0.358 χ^2/NDF : 12177.4/6

1077.656+/-0.226 χ^2/NDF : 58183.5/18

1076.006+/-0.229 χ^2/NDF : 23056.9/18

diff_bpm1i04X_mean vs slug



Right In: 55.815 ± 0.302 $\chi^2/\text{NDF}: 9212.6/9$

Left Out: -19.350 ± 0.349 $\chi^2/\text{NDF}: 217.0/8$

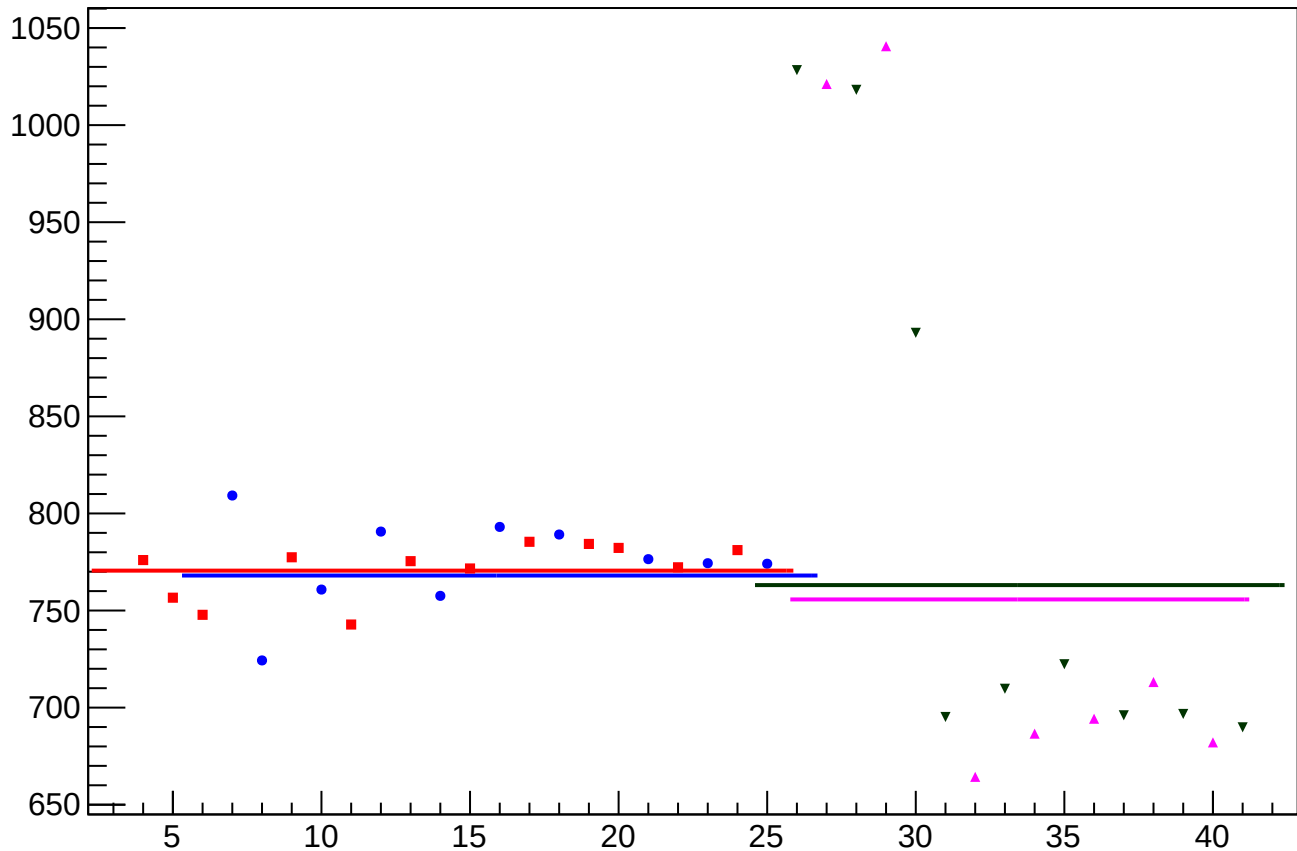
Right Out: -0.705 ± 0.304 $\chi^2/\text{NDF}: 2908.1/11$

Left In: 21.241 ± 0.358 $\chi^2/\text{NDF}: 766.0/6$

23.674 ± 0.228 $\chi^2/\text{NDF}: 35991.3/18$

8.485 ± 0.232 $\chi^2/\text{NDF}: 5854.4/18$

diff_bpm1i04X_rms vs slug



Right In: 768.028+/-0.213 χ^2/NDF : 12111.2/9

Left Out: 763.101+/-0.247 χ^2/NDF : 232419.0/8

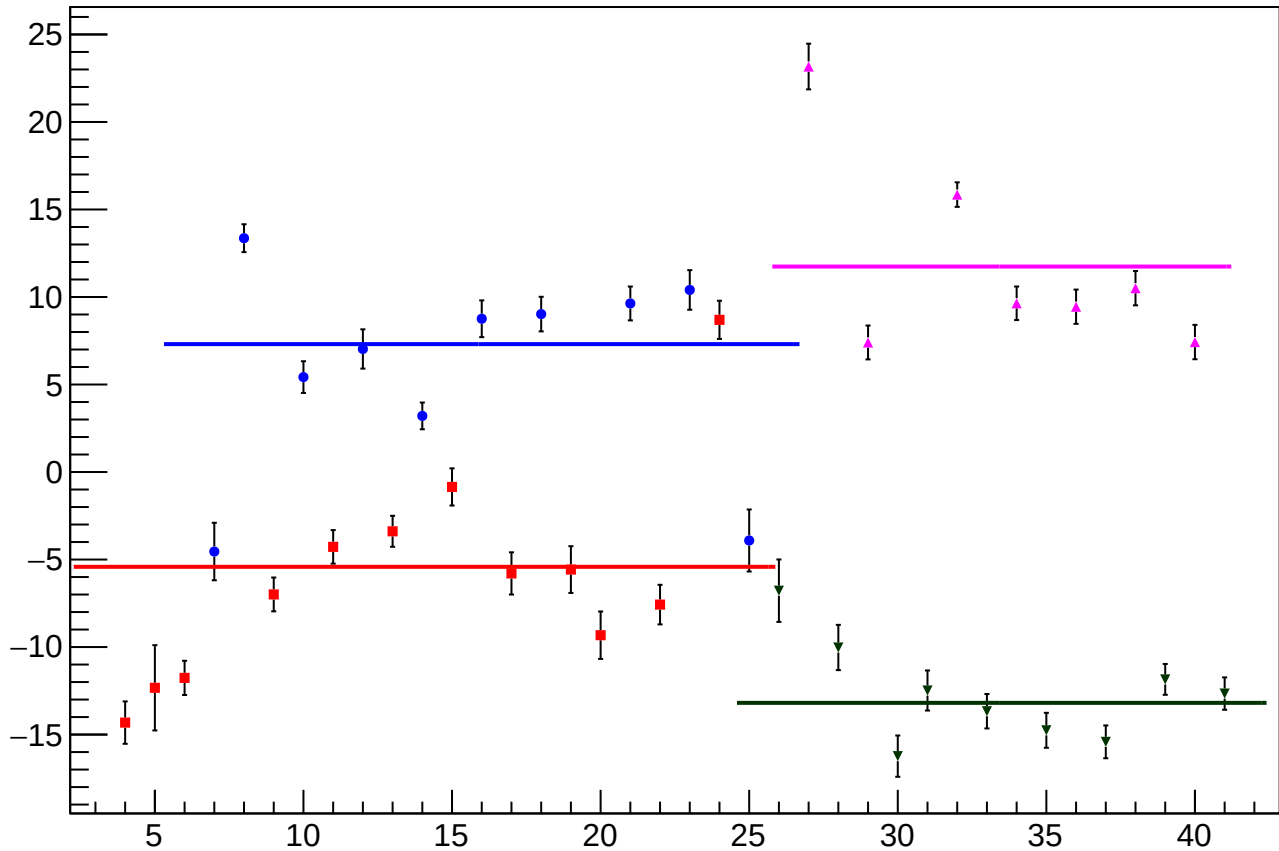
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 755.714+/-0.253 χ^2/NDF : 310212.9/6

765.921+/-0.161 χ^2/NDF : 244758.4/18

764.337+/-0.164 χ^2/NDF : 316465.0/18

diff_bpm1i04Y_mean vs slug



Right In: 7.307 $\pm$ 0.320 χ^2/NDF : 201.3/9

Left Out: -13.188 $\pm$ 0.353 χ^2/NDF : 36.9/8

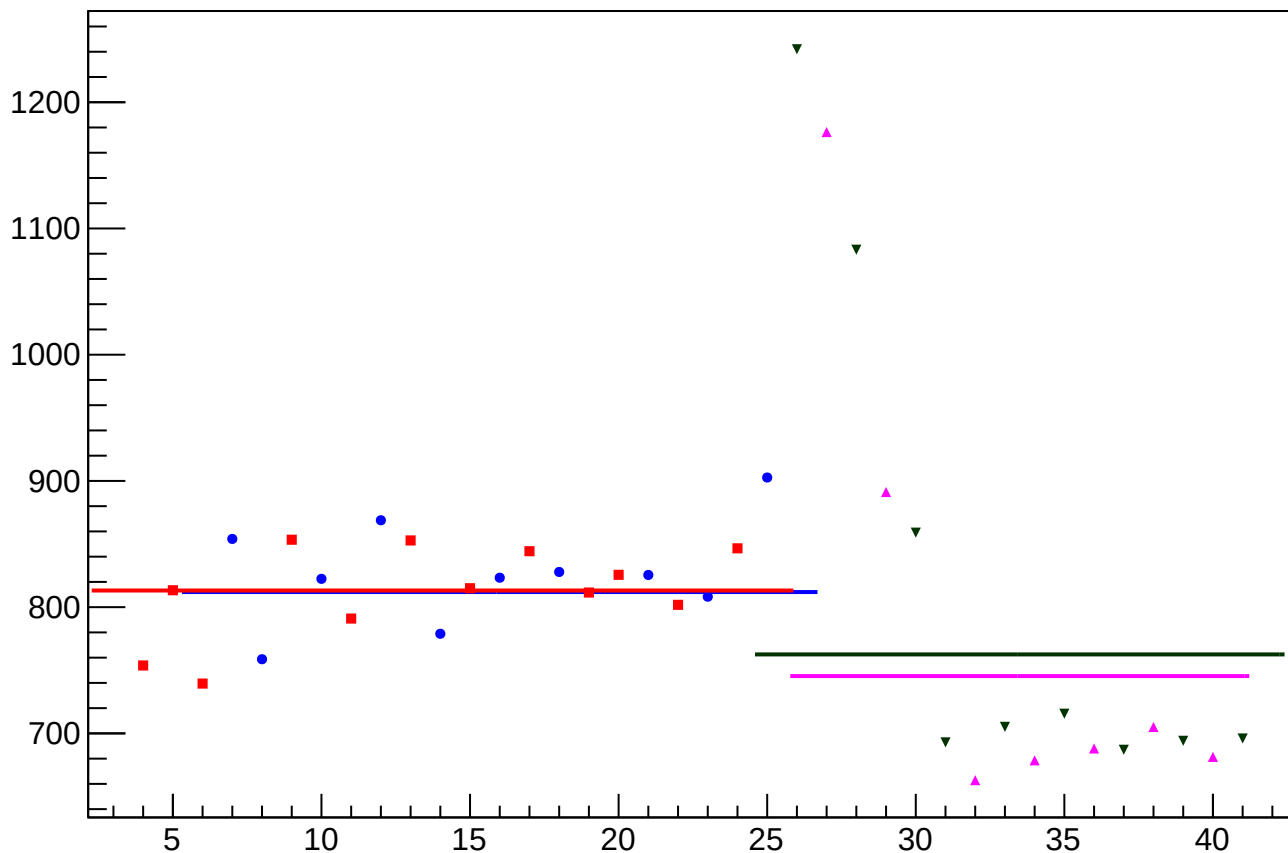
Right Out: -5.416 $\pm$ 0.322 χ^2/NDF : 311.5/11

Left In: 11.740 $\pm$ 0.356 χ^2/NDF : 162.4/6

-1.933 $\pm$ 0.237 χ^2/NDF : 2089.7/18

2.316 $\pm$ 0.239 χ^2/NDF : 1751.2/18

diff_bpm1i04Y_rms vs slug



Right In: 811.972 $\pm$ 0.226 χ^2 /NDF: 25796.5/9

Left Out: 762.563 $\pm$ 0.250 χ^2 /NDF: 334795.8/8

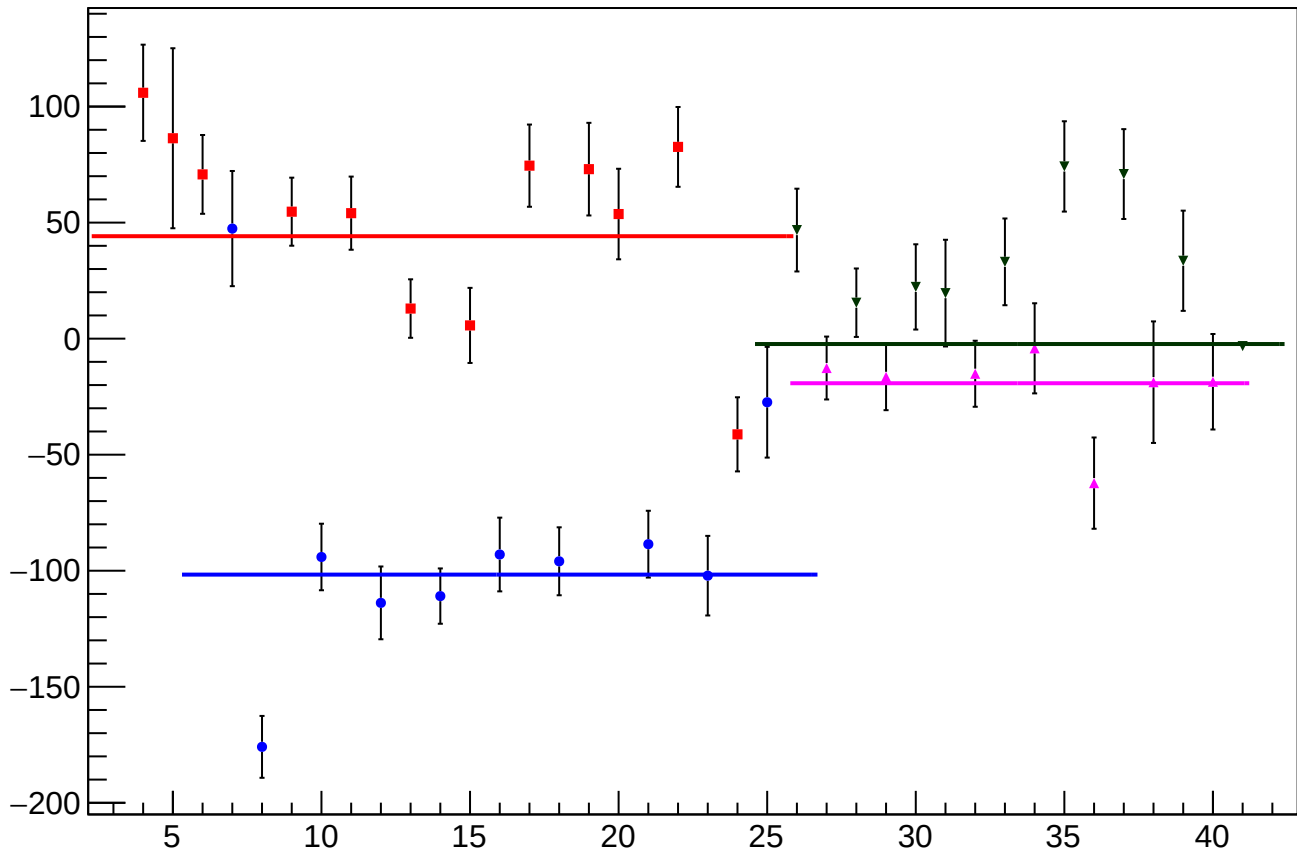
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

Left In: 745.401 $\pm$ 0.252 χ^2 /NDF: 319567.2/6

789.696 $\pm$ 0.168 χ^2 /NDF: 382112.6/18

782.636 $\pm$ 0.169 χ^2 /NDF: 387786.9/18

diff_bpm0l02X_mean vs slug



Right In: -101.672 $\pm$ 4.889 χ^2 /NDF: 79.6/9

Left Out: -2.317 $\pm$ 0.973 χ^2 /NDF: 48.7/8

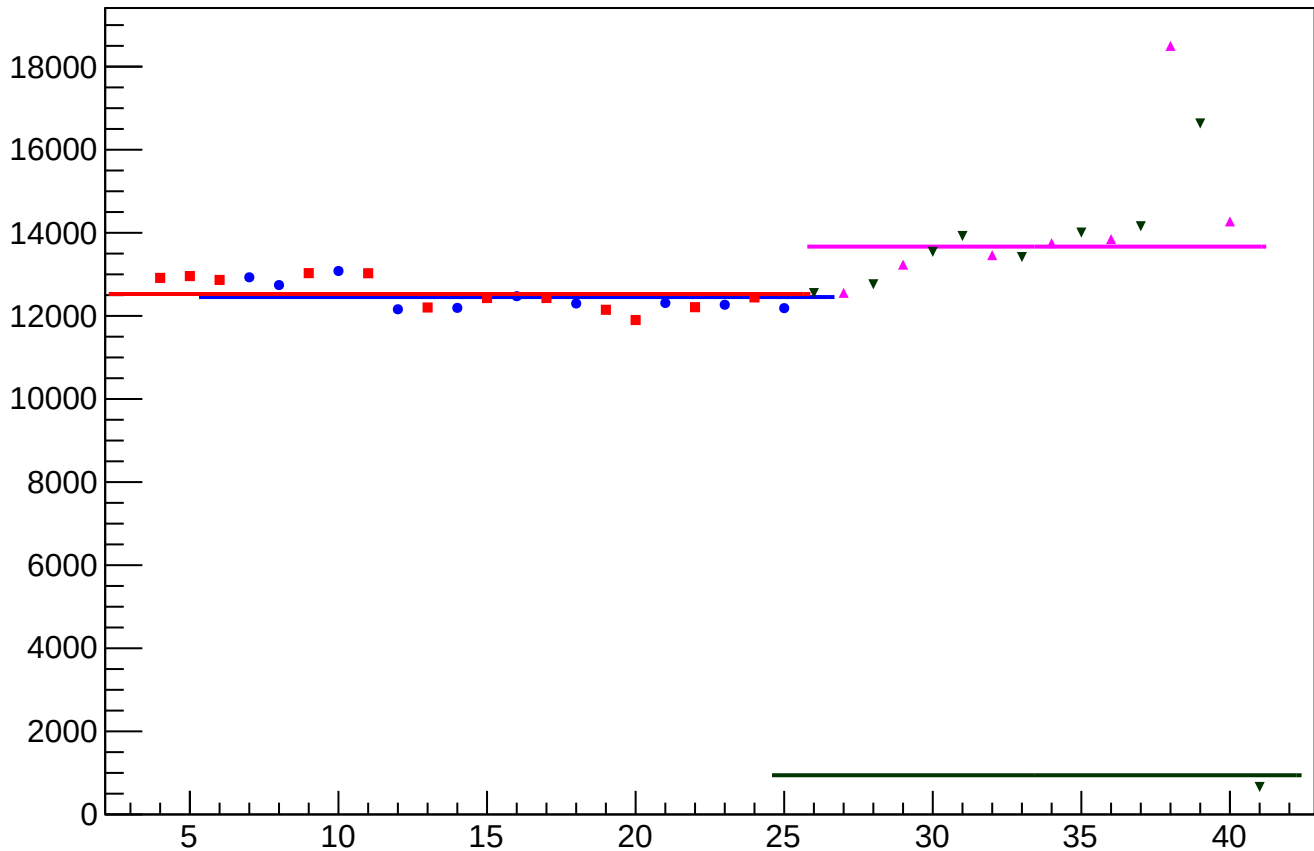
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

Left In: -19.212 $\pm$ 6.415 χ^2 /NDF: 5.7/6

-6.101 $\pm$ 0.954 χ^2 /NDF: 525.6/18

20.528 $\pm$ 3.917 χ^2 /NDF: 131.0/18

diff_bpm0l02X_rms vs slug



Right In: 12453.727 $\pm$ 3.457 χ^2 /NDF: 8070.4/9

Left Out: 943.782 $\pm$ 0.688 χ^2 /NDF: 7653901.2/8

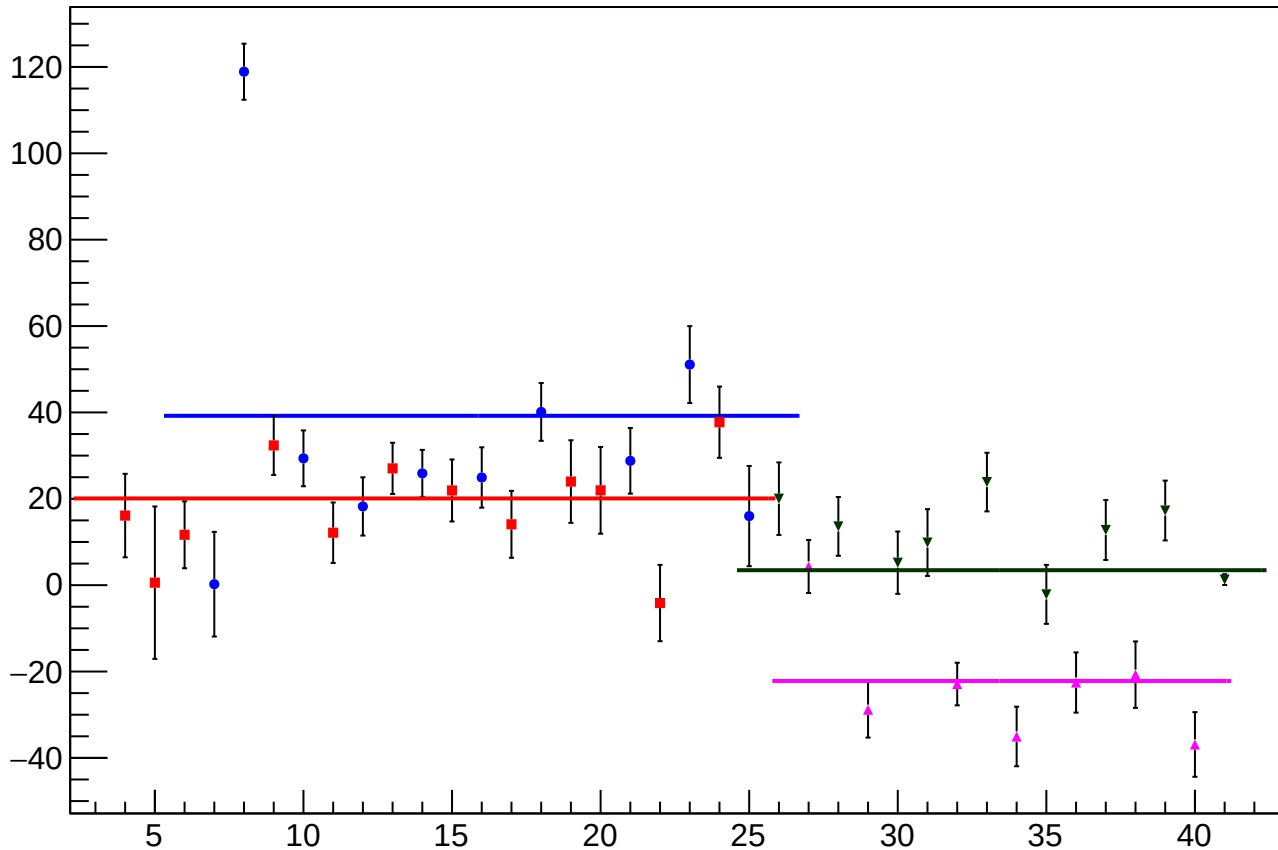
Right Out: 12527.068 $\pm$ 3.497 χ^2 /NDF: 11080.0/11

Left In: 13667.837 $\pm$ 4.536 χ^2 /NDF: 85744.4/6

1382.118 $\pm$ 0.675 χ^2 /NDF: 18326224.8/18

12952.292 $\pm$ 2.770 χ^2 /NDF: 136489.0/18

diff_bpm0l02Y_mean vs slug



Right In: 39.218+/-2.292 χ^2/NDF : 190.8/9

Left Out: 3.463+/-1.118 χ^2/NDF : 25.4/8

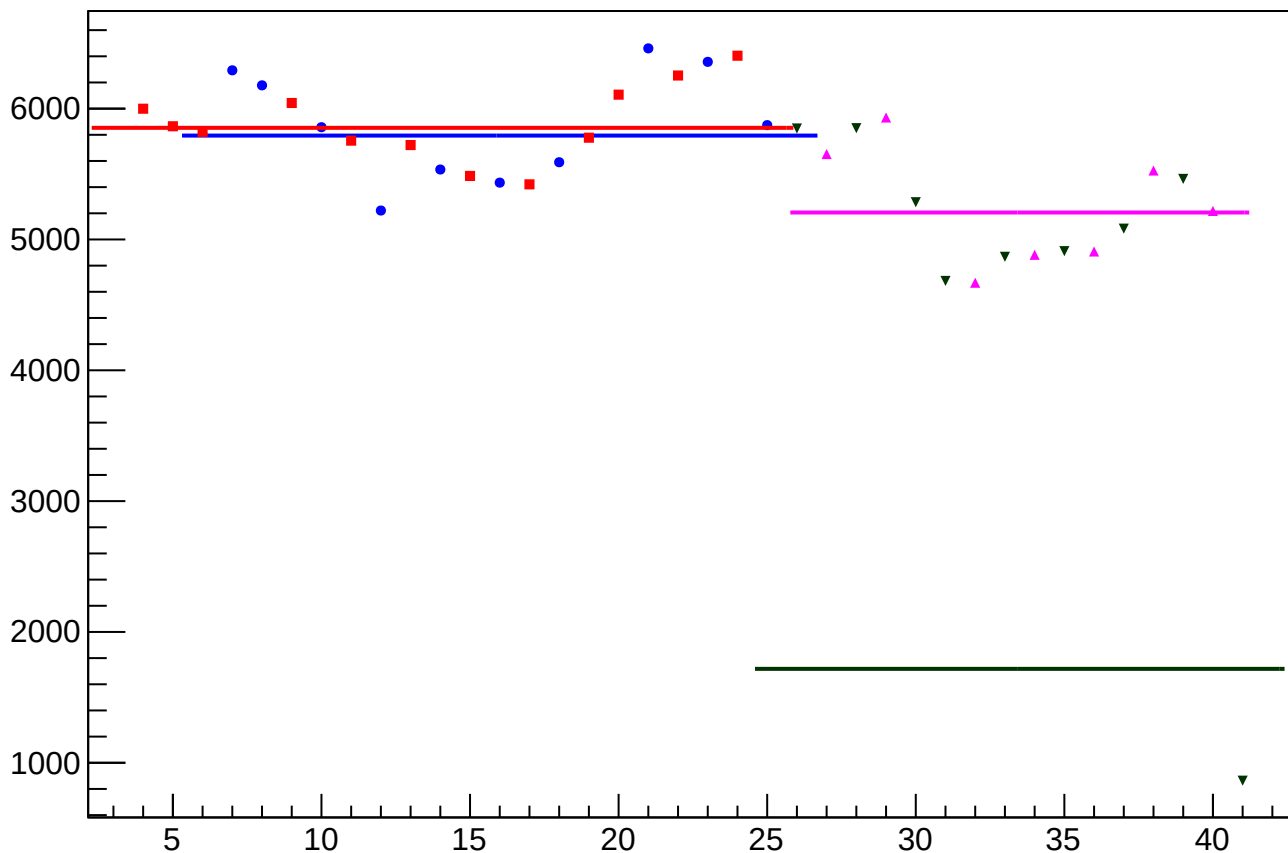
Right Out: 20.083+/-2.324 χ^2/NDF : 21.4/11

Left In: -22.187+/-2.440 χ^2/NDF : 27.1/6

10.333+/-1.004 χ^2/NDF : 412.9/18

-0.023+/-1.683 χ^2/NDF : 205.9/18

diff_bpm0l02Y_rms vs slug



Right In: 5794.071+/-1.620 χ^2/NDF : 60209.2/9

Left Out: 1717.935+/-0.790 χ^2/NDF : 4868491.0/8

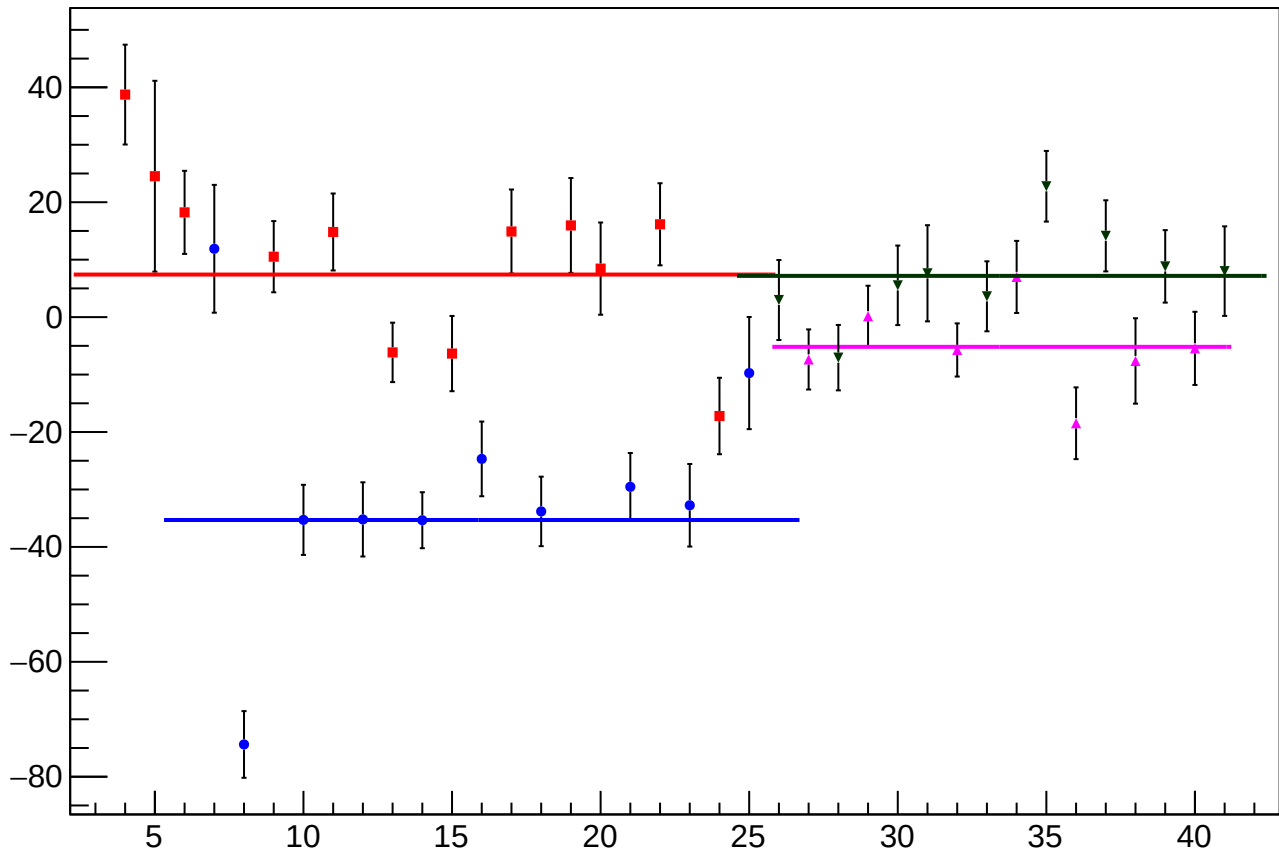
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 5206.106+/-1.725 χ^2/NDF : 71134.2/6

2501.148+/-0.710 χ^2/NDF : 10040948.4/18

5545.481+/-1.190 χ^2/NDF : 174201.7/18

diff_bpm0l03X_mean vs slug



Right In: -35.314 ± 2.039 χ^2/NDF : 74.0/9

Left Out: 7.179 ± 2.194 χ^2/NDF : 14.8/8

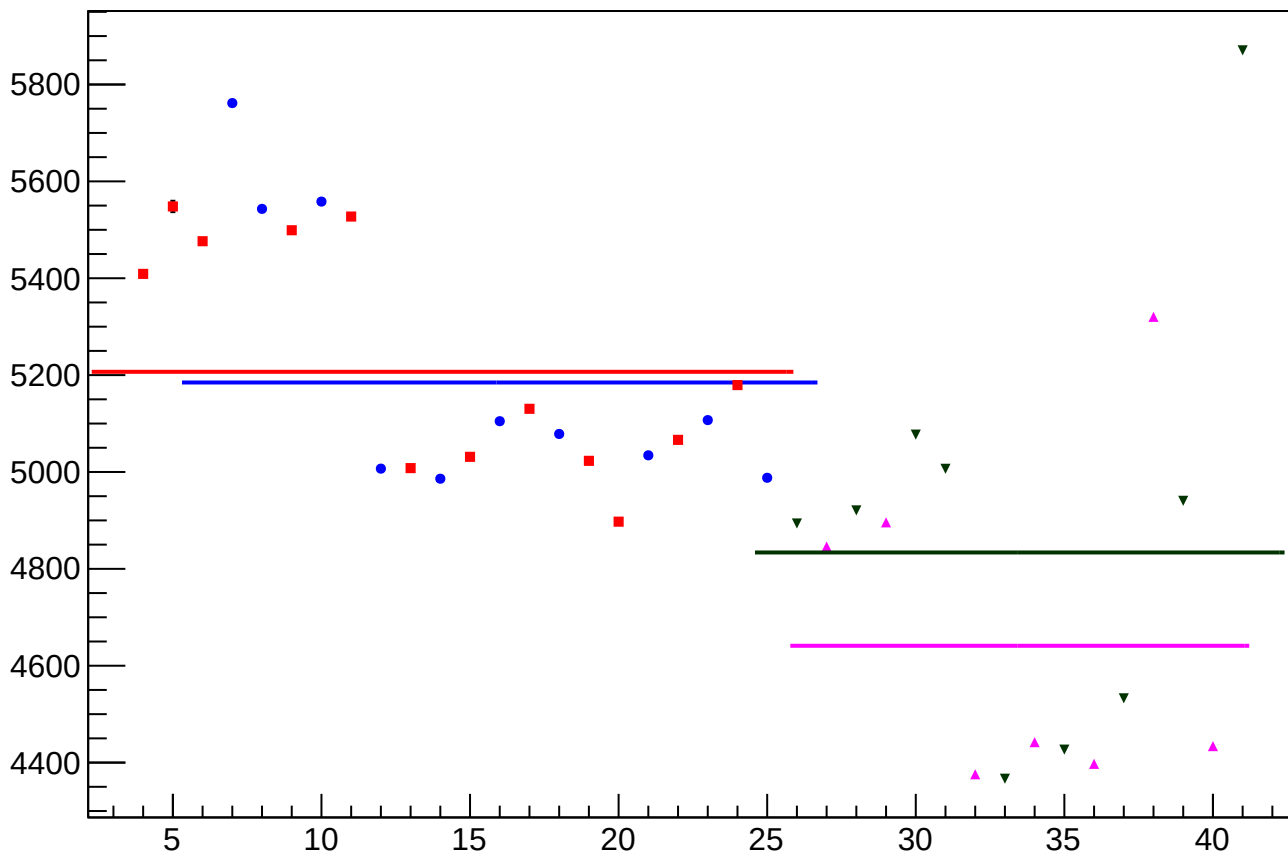
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

Left In: -5.172 ± 2.169 χ^2/NDF : 9.6/6

-15.622 ± 1.494 χ^2/NDF : 290.0/18

1.449 ± 1.493 χ^2/NDF : 73.7/18

diff_bpm0l03X_rms vs slug



Right In: 5184.765+/-1.442 χ^2/NDF : 28614.1/9

Left Out: 4833.819+/-1.552 χ^2/NDF : 65157.2/8

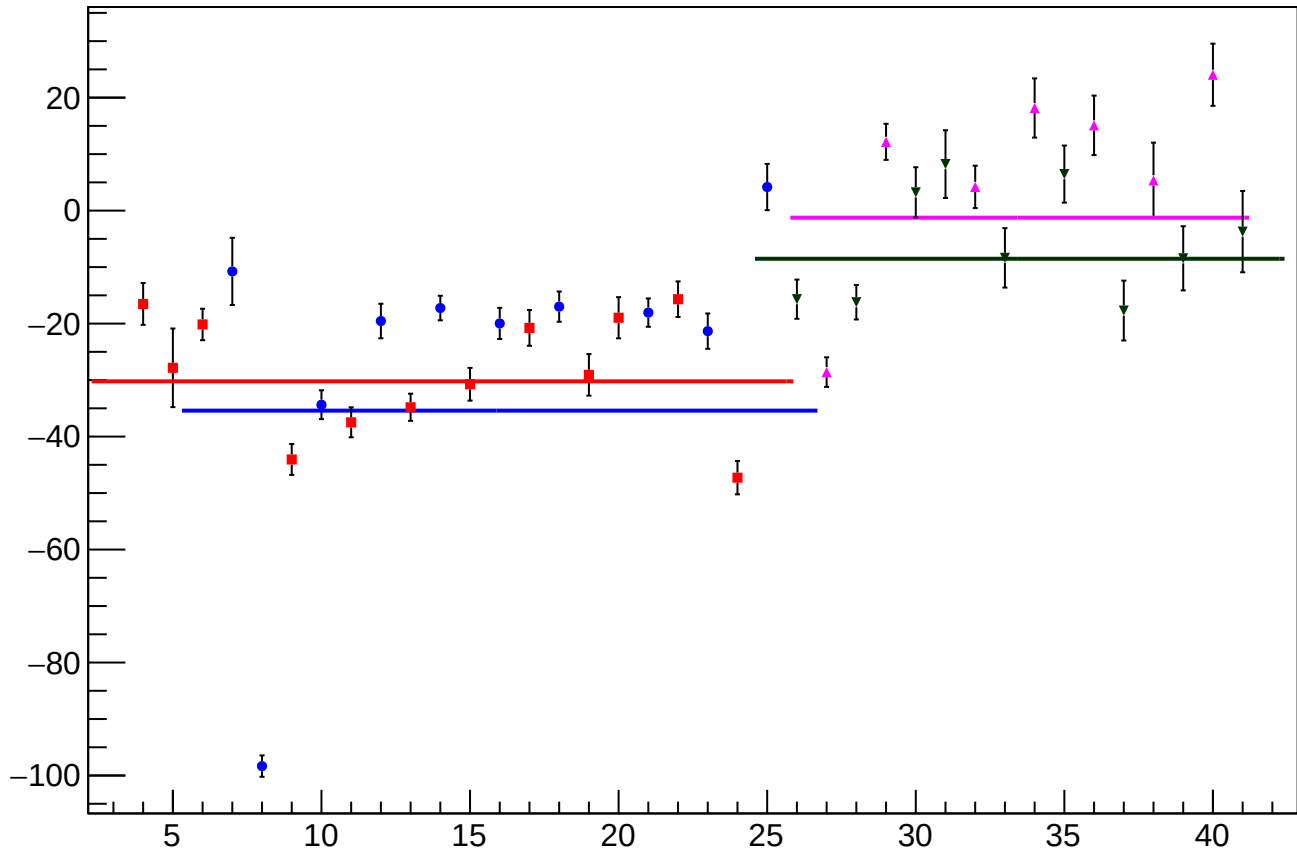
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4641.168+/-1.534 χ^2/NDF : 38130.9/6

5022.126+/-1.056 χ^2/NDF : 121221.1/18

4938.863+/-1.056 χ^2/NDF : 132836.7/18

diff_bpm0l03Y_mean vs slug



Right In: -35.407 ± 0.854 χ^2/NDF : 1459.3/9

Left Out: -8.524 ± 1.525 χ^2/NDF : 37.7/8

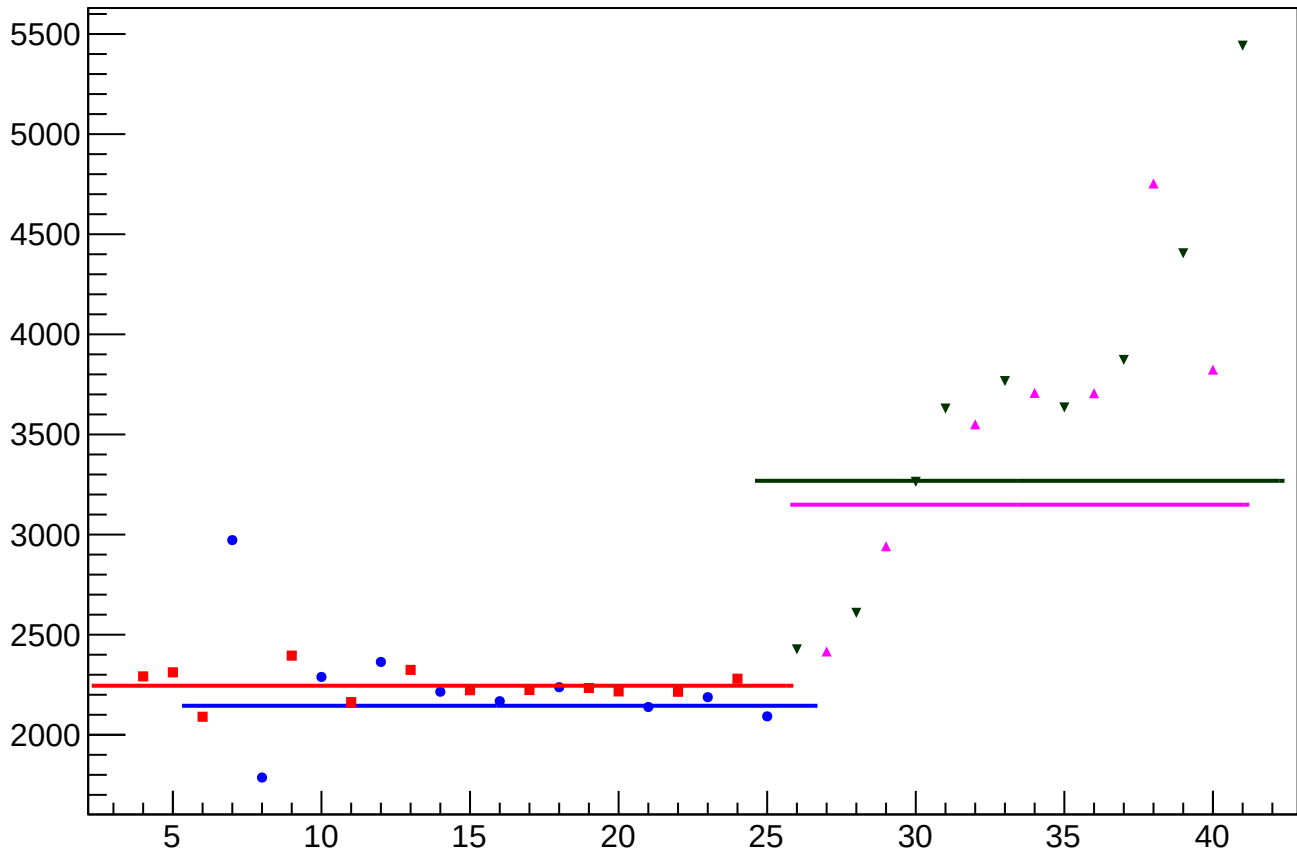
Right Out: -30.222 ± 0.893 χ^2/NDF : 136.9/11

Left In: -1.252 ± 1.503 χ^2/NDF : 174.1/6

-28.988 ± 0.745 χ^2/NDF : 1733.6/18

-22.672 ± 0.767 χ^2/NDF : 585.5/18

diff_bpm0l03Y_rms vs slug



Right In: 2144.990+/-0.604 χ^2/NDF : 132365.7/9

Left Out: 3268.536+/-1.078 χ^2/NDF : 535301.1/8

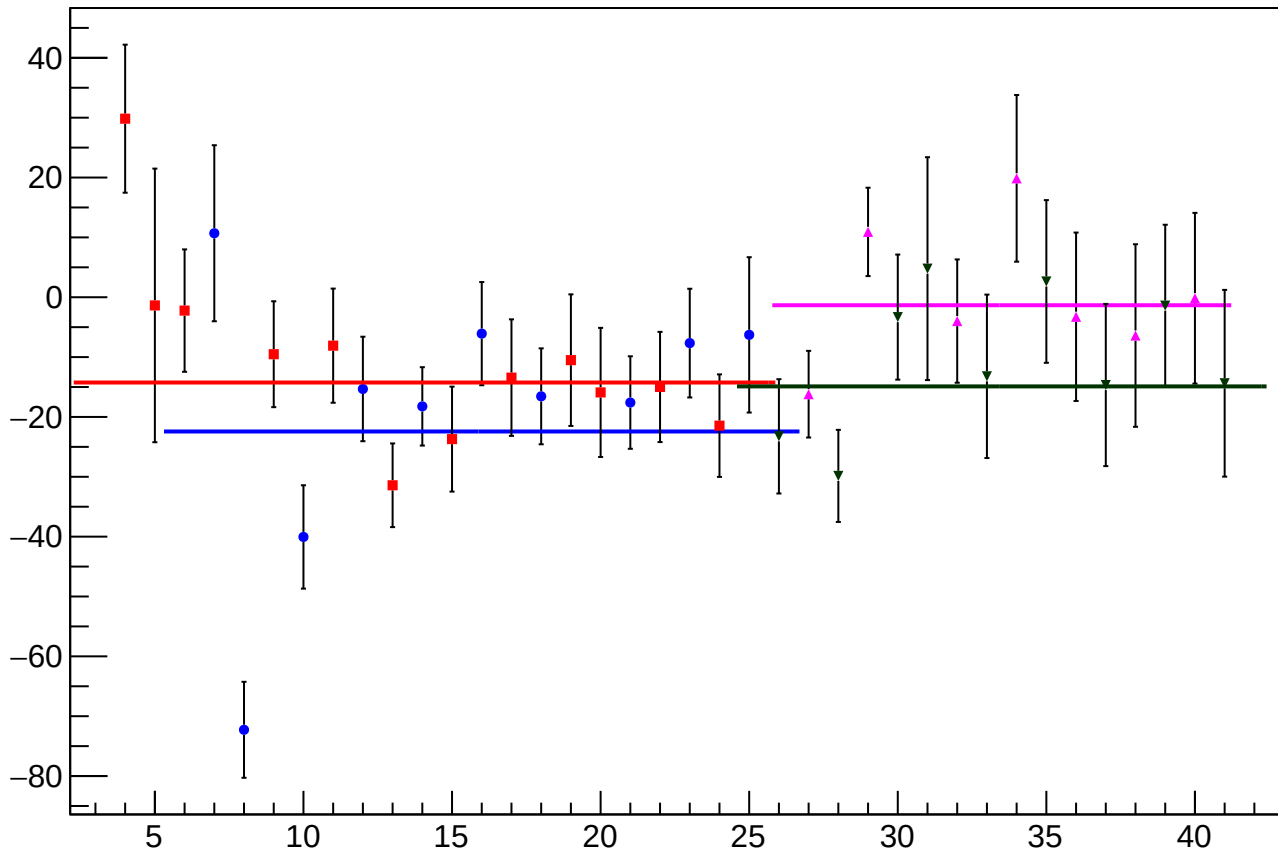
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

Left In: 3149.254+/-1.063 χ^2/NDF : 378222.7/6

2413.240+/-0.527 χ^2/NDF : 1494498.8/18

2480.748+/-0.543 χ^2/NDF : 930675.3/18

diff_bpm0l04X_mean vs slug



Right In: -22.429 ± 2.733 χ^2/NDF : 57.7/9

-19.949 ± 2.238 χ^2/NDF : 69.7/18

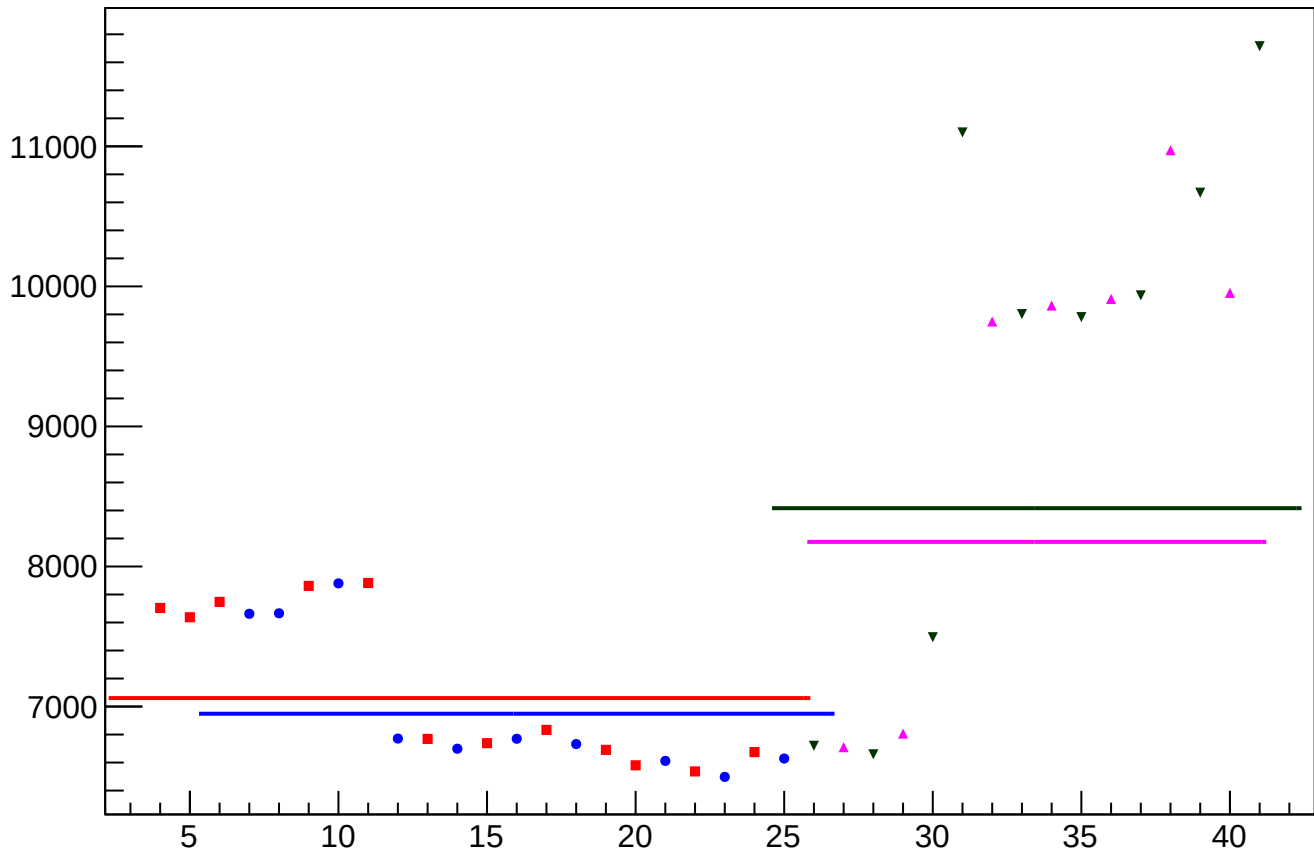
Left Out: -14.897 ± 3.901 χ^2/NDF : 9.6/8

Right Out: -14.248 ± 2.794 χ^2/NDF : 23.2/11

-9.846 ± 2.268 χ^2/NDF : 39.9/18

Left In: -1.336 ± 3.885 χ^2/NDF : 9.5/6

diff_bpm0l04X_rms vs slug



Right In: 6948.614+/-1.933 χ^2/NDF : 59940.1/9

Left Out: 8416.290+/-2.759 χ^2/NDF : 435462.3/8

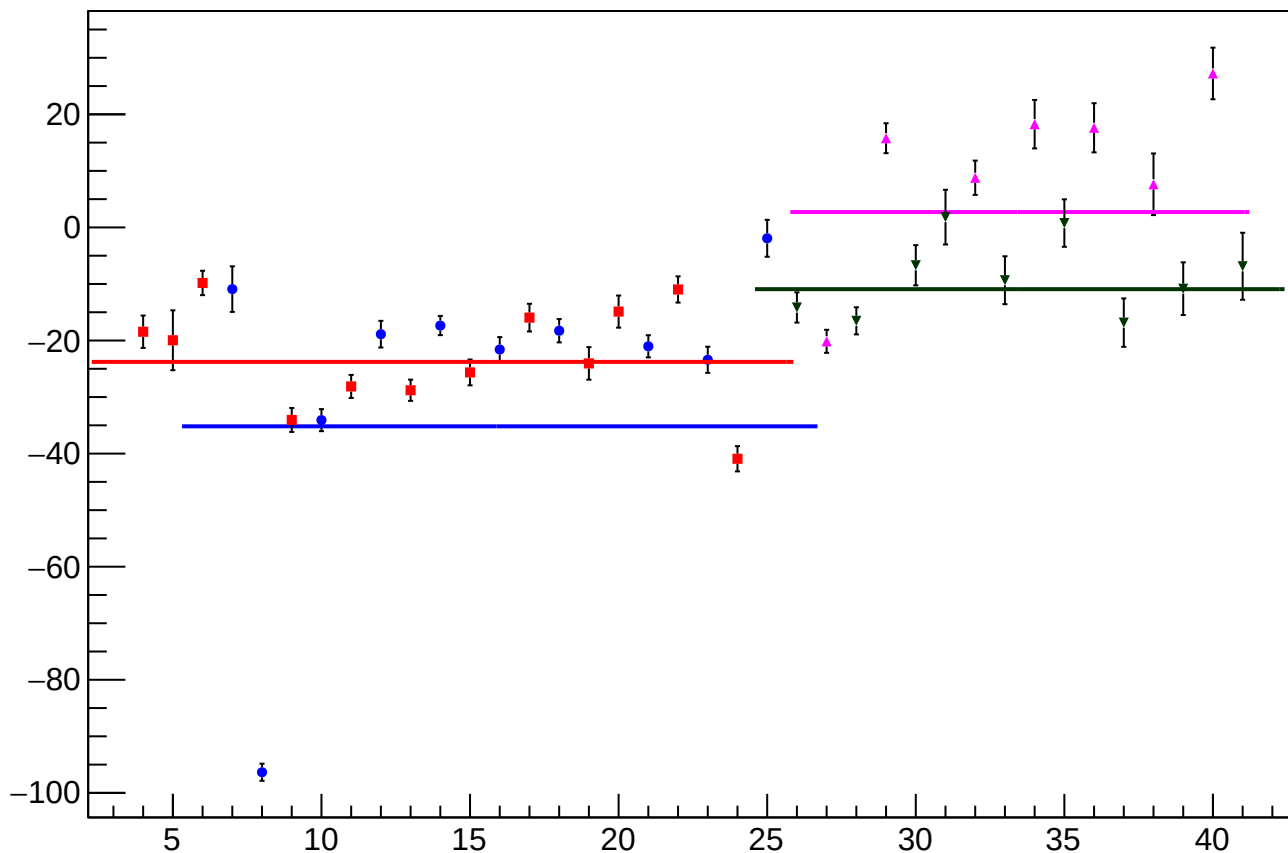
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 8175.583+/-2.747 χ^2/NDF : 355521.1/6

7431.802+/-1.583 χ^2/NDF : 685287.8/18

7440.508+/-1.604 χ^2/NDF : 535155.3/18

diff_bpm0l04Y_mean vs slug



Right In: -35.174+/-0.663 χ^2/NDF : 2117.2/9

Left Out: -10.918+/-1.215 χ^2/NDF : 25.5/8

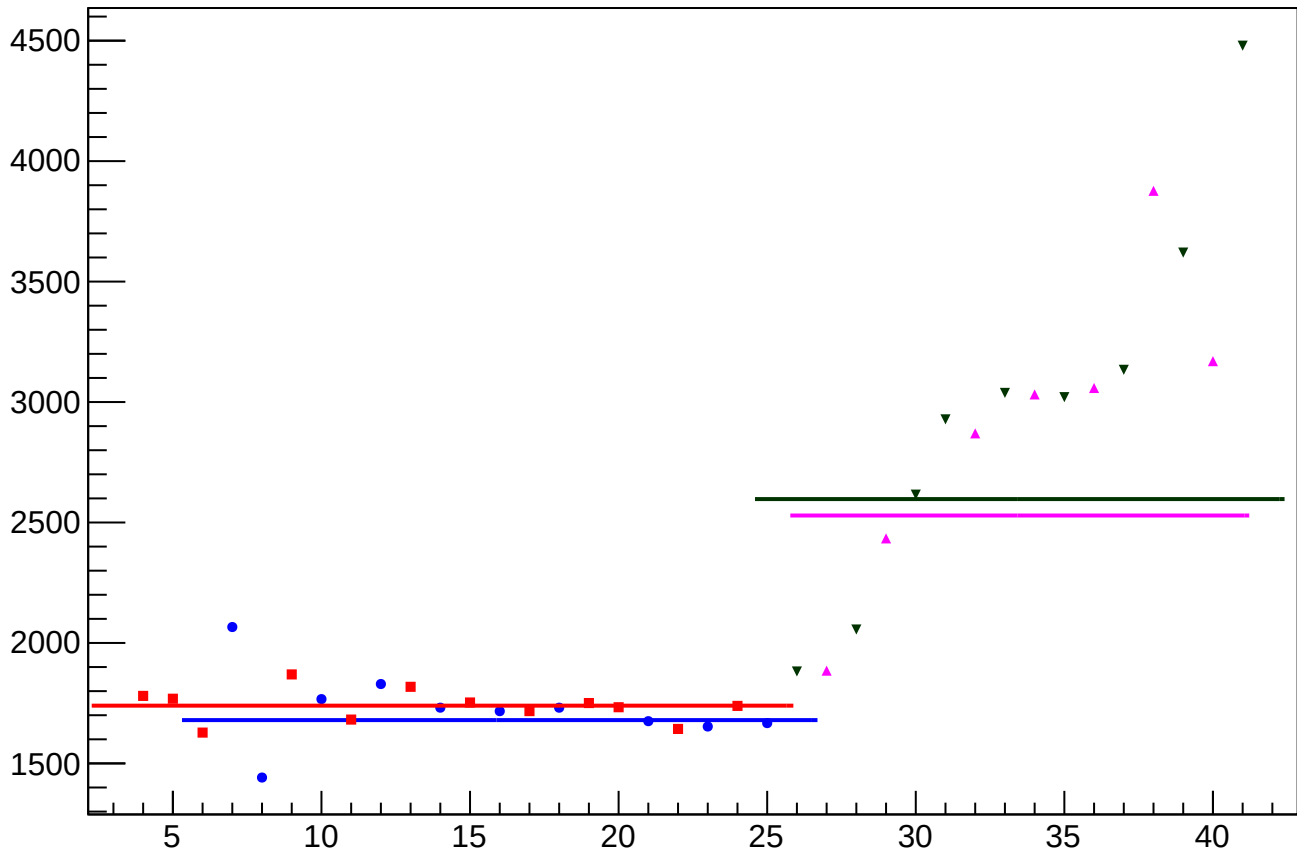
Right Out: -23.778+/-0.688 χ^2/NDF : 191.1/11

Left In: 2.720+/-1.211 χ^2/NDF : 208.8/6

-29.610+/-0.582 χ^2/NDF : 2449.6/18

-17.307+/-0.599 χ^2/NDF : 761.8/18

diff_bpm0l04Y_rms vs slug



Right In: 1679.752 $\pm$ 0.469 χ^2 /NDF: 84058.4/9

Left Out: 2597.216 $\pm$ 0.859 χ^2 /NDF:626104.2/8

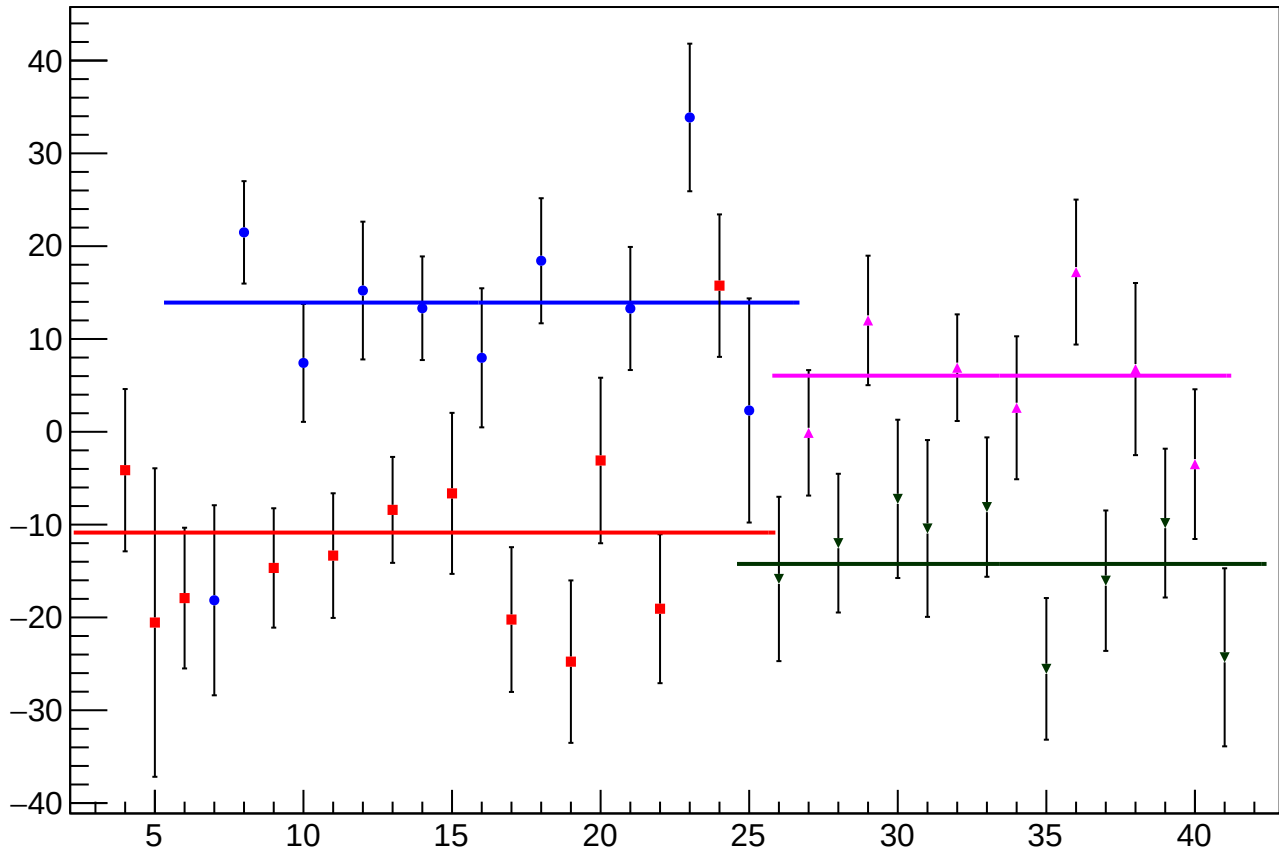
Right Out: 1739.740 $\pm$ 0.487 χ^2 /NDF: 22147.7/11

Left In: 2529.019 $\pm$ 0.856 χ^2 /NDF:446636.6/6

1890.198 $\pm$ 0.412 χ^2 /NDF: 1588386.9/18

1932.495 $\pm$ 0.423 χ^2 /NDF: 1110751.3/18

diff_bpm0l05X_mean vs slug



Right In: 13.922 ± 2.221 $\chi^2/\text{NDF}: 21.1/9$

Left Out: -14.236 ± 2.729 $\chi^2/\text{NDF}: 5.3/8$

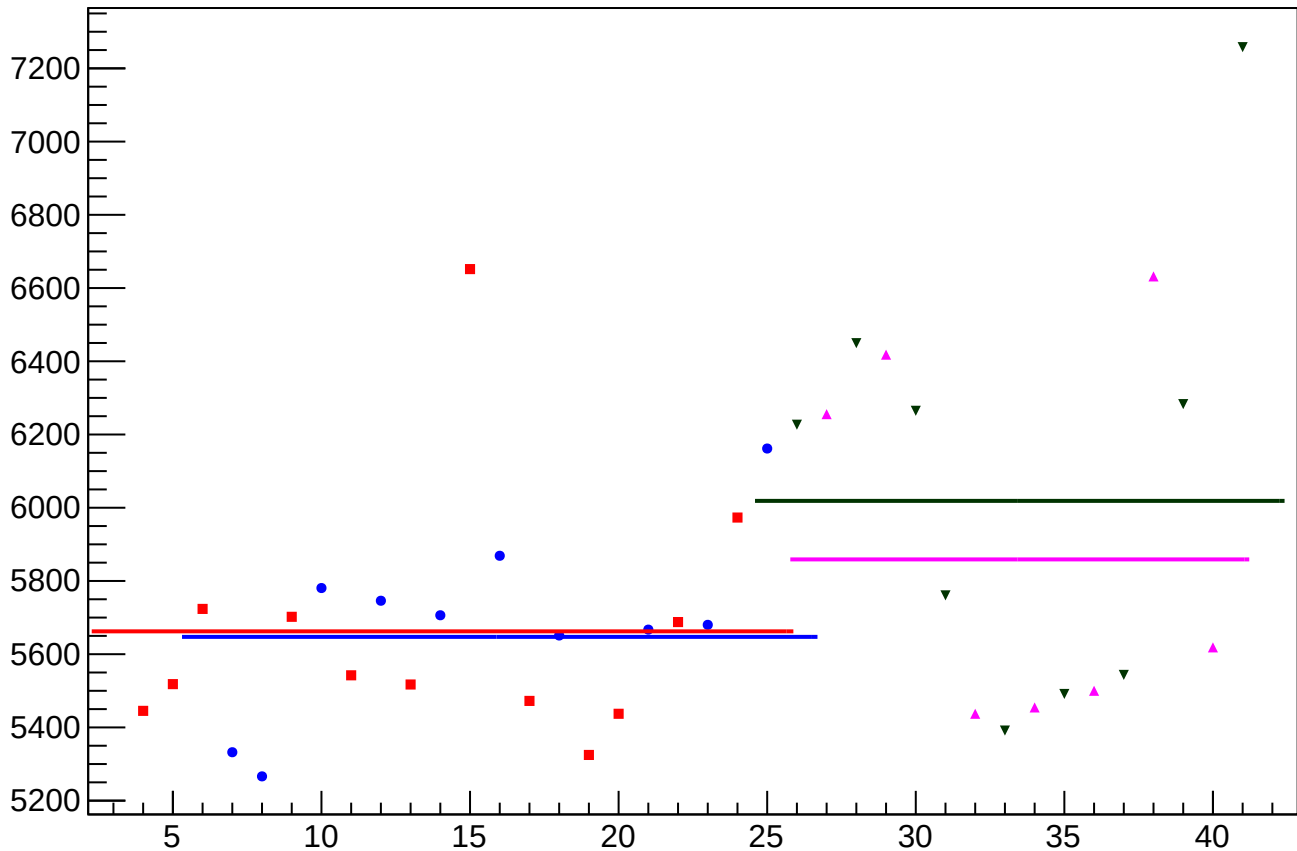
Right Out: -10.857 ± 2.241 $\chi^2/\text{NDF}: 20.5/11$

Left In: 6.048 ± 2.742 $\chi^2/\text{NDF}: 5.2/6$

2.703 ± 1.723 $\chi^2/\text{NDF}: 90.4/18$

-4.086 ± 1.735 $\chi^2/\text{NDF}: 48.5/18$

diff_bpm0l05X_rms vs slug



Right In: 5647.317+/-1.571 χ^2/NDF : 18317.5/9

Left Out: 6018.727+/-1.930 χ^2/NDF : 77827.3/8

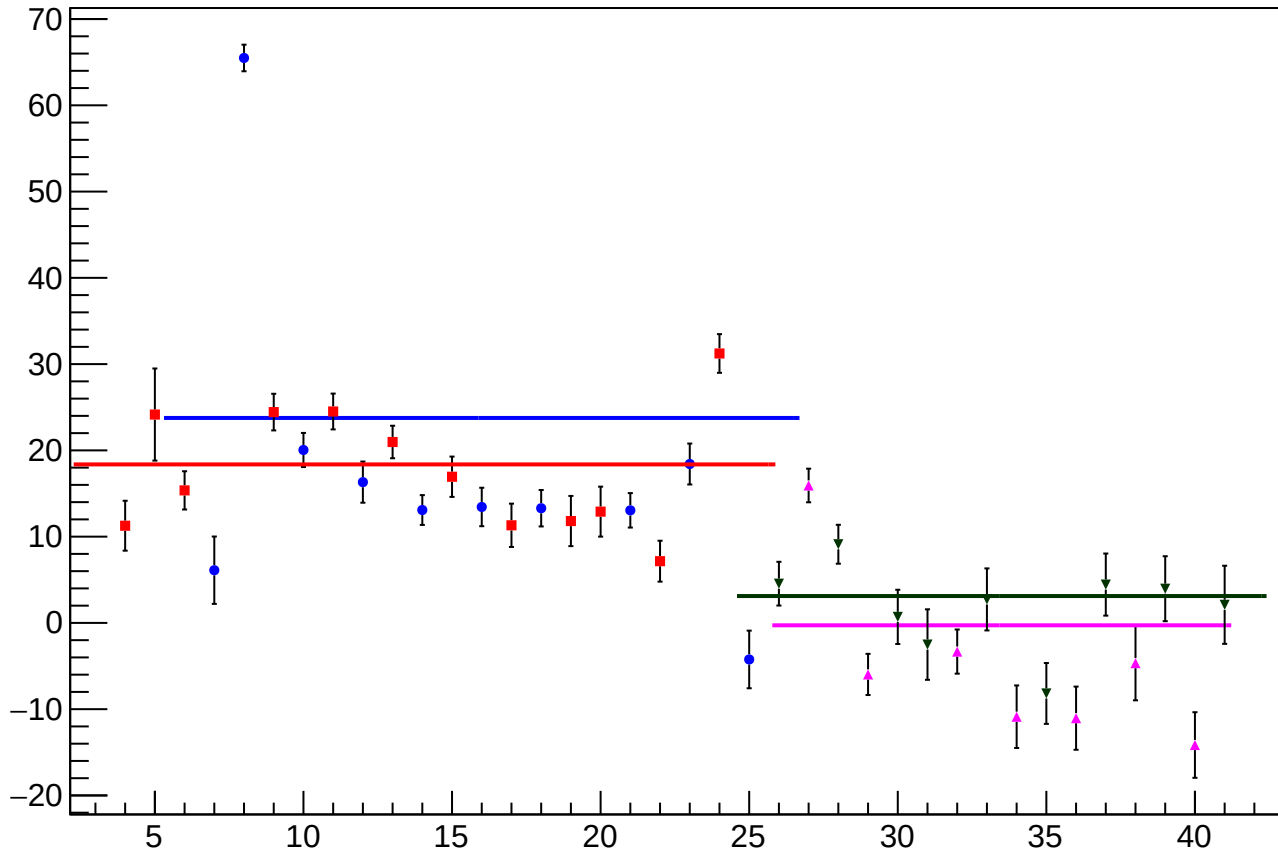
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 5858.873+/-1.939 χ^2/NDF : 55911.1/6

5795.300+/-1.218 χ^2/NDF : 118423.8/18

5741.083+/-1.227 χ^2/NDF : 100344.2/18

diff_bpm0l05Y_mean vs slug



Right In: 23.760 $\pm$ 0.675 χ^2 /NDF: 954.7/9

Left Out: 3.114 $\pm$ 1.074 χ^2 /NDF: 20.4/8

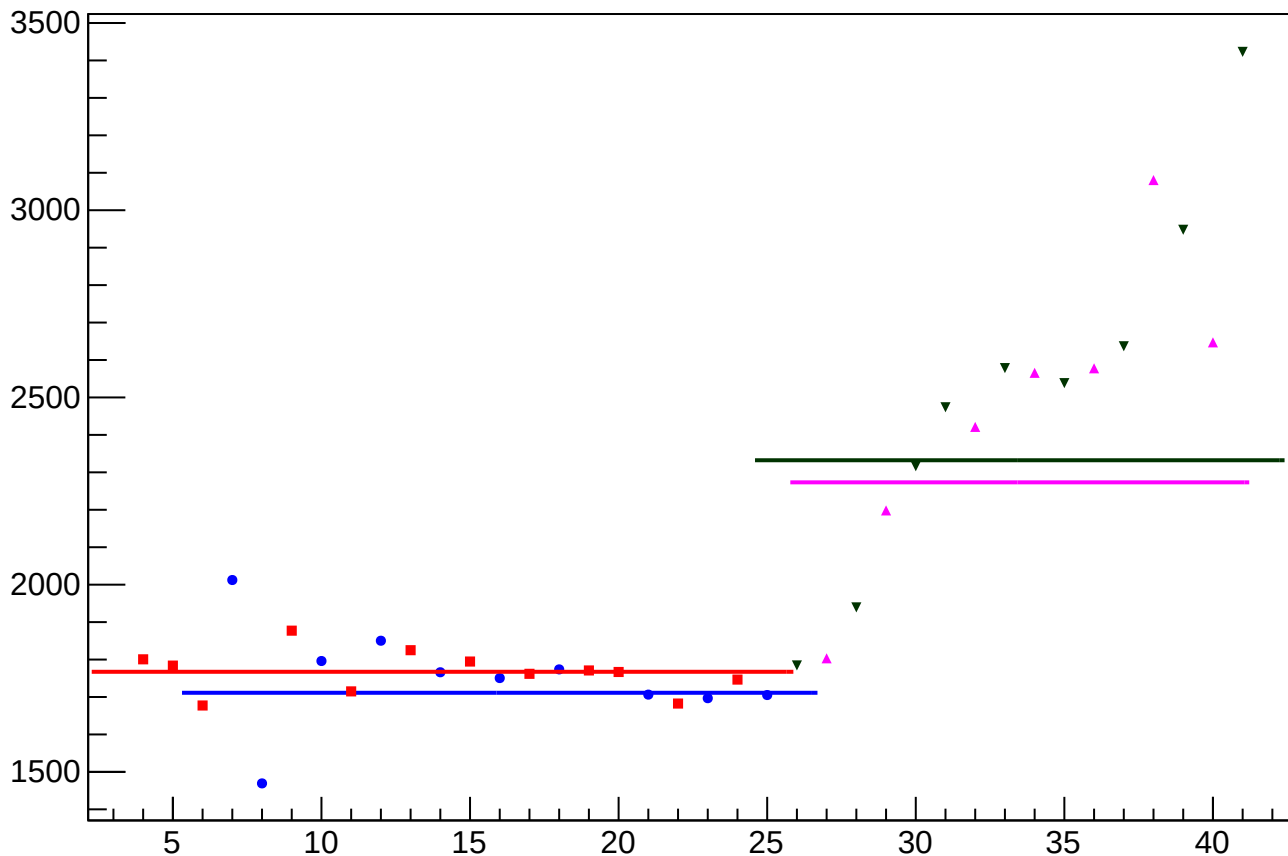
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: -0.277 $\pm$ 1.075 χ^2 /NDF: 107.9/6

17.914 $\pm$ 0.571 χ^2 /NDF: 1240.2/18

12.834 $\pm$ 0.586 χ^2 /NDF: 419.5/18

diff_bpm0l05Y_rms vs slug



Right In: 1711.281+/-0.477 χ^2/NDF : 76136.9/9

Left Out: 2332.270+/-0.759 χ^2/NDF : 356637.8/8

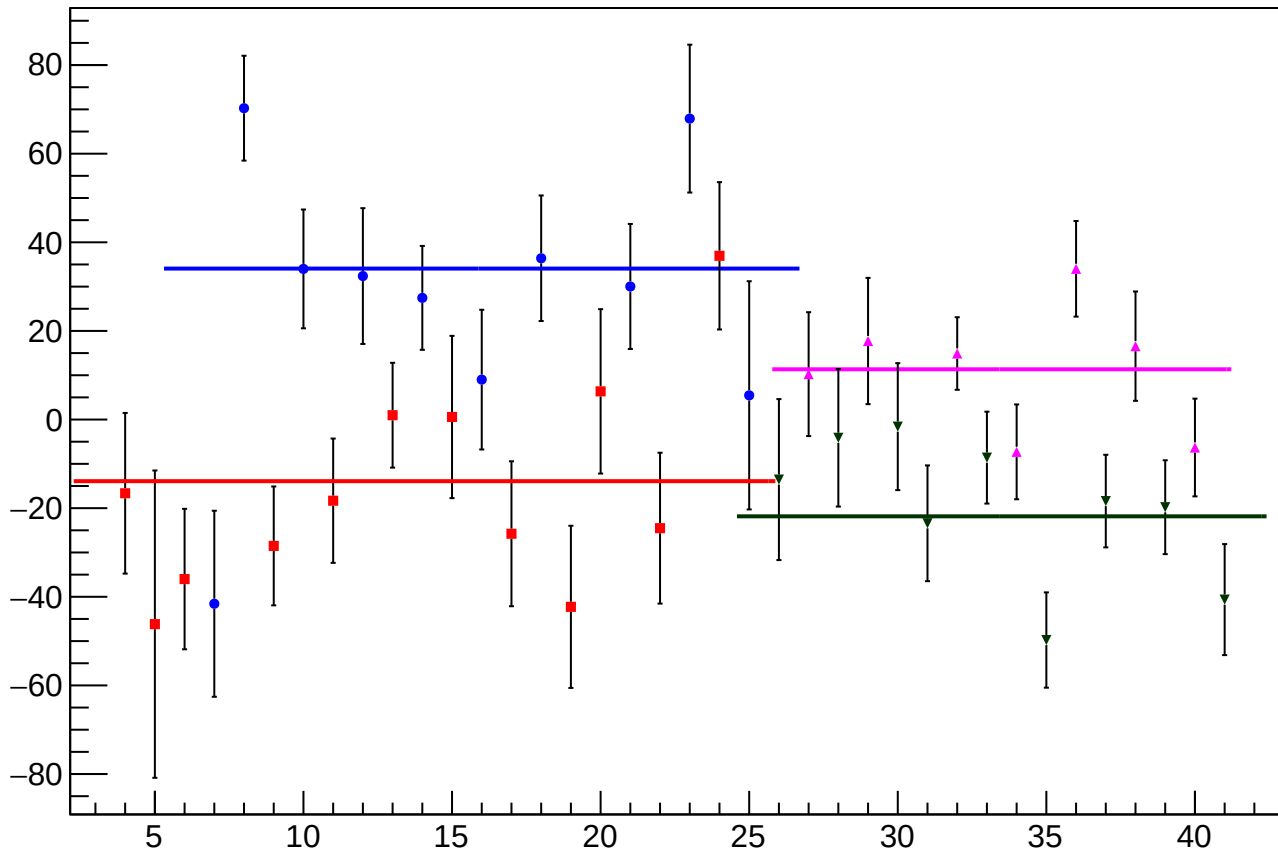
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

Left In: 2273.262+/-0.760 χ^2/NDF : 241524.6/6

1887.107+/-0.404 χ^2/NDF : 912491.7/18

1917.599+/-0.414 χ^2/NDF : 568110.7/18

diff_bpm0l06X_mean vs slug



Right In: 34.072+/-4.681 χ^2/NDF : 30.7/9

Left Out: -21.841+/-4.072 χ^2/NDF : 14.3/8

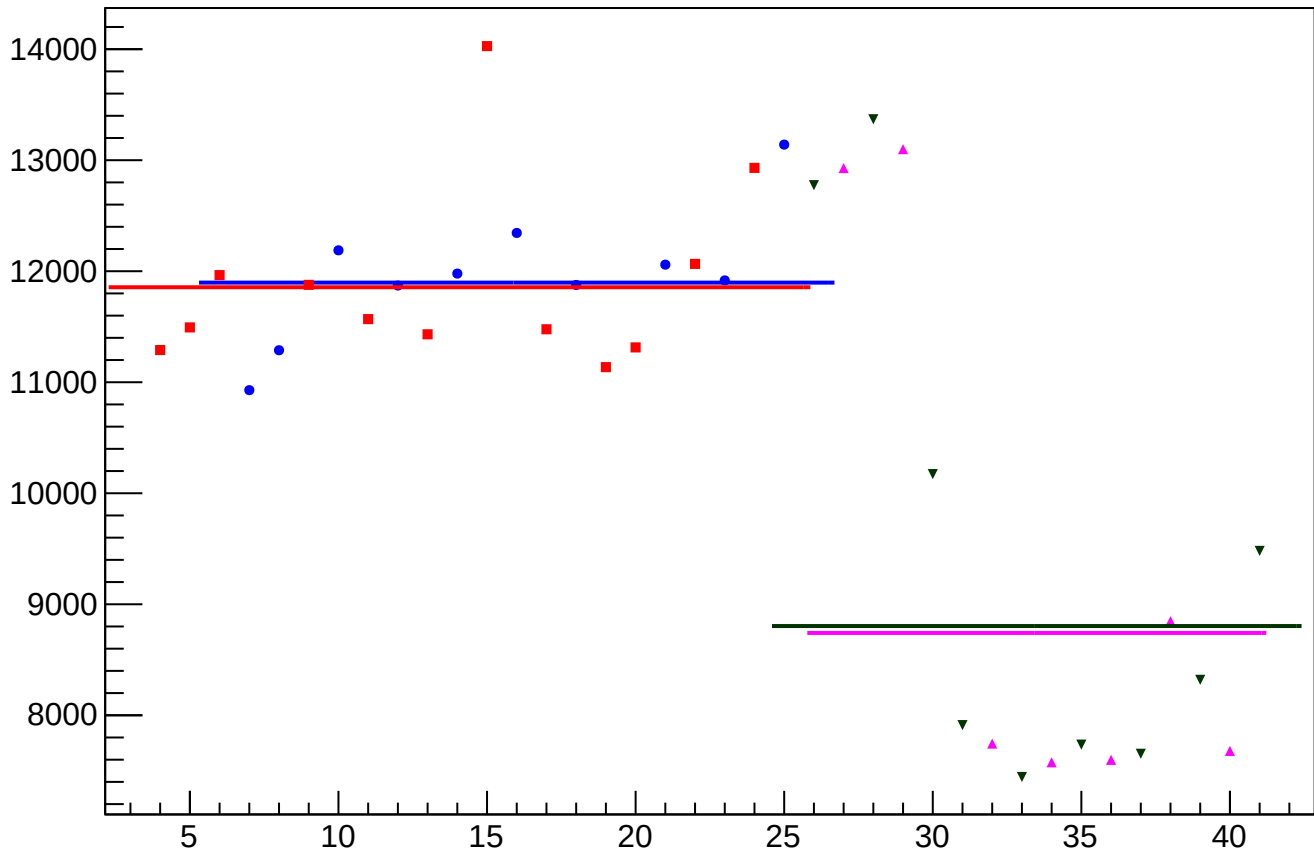
Right Out: -13.904+/-4.697 χ^2/NDF : 20.2/11

Left In: 11.343+/-4.185 χ^2/NDF : 10.6/6

2.243+/-3.072 χ^2/NDF : 126.2/18

0.170+/-3.125 χ^2/NDF : 46.9/18

diff_bpm0l06X_rms vs slug



Right In: 11897.425+/-3.310 χ^2/NDF : 17144.3/9

Left Out: 8803.879+/-2.879 χ^2/NDF : 384596.7/8

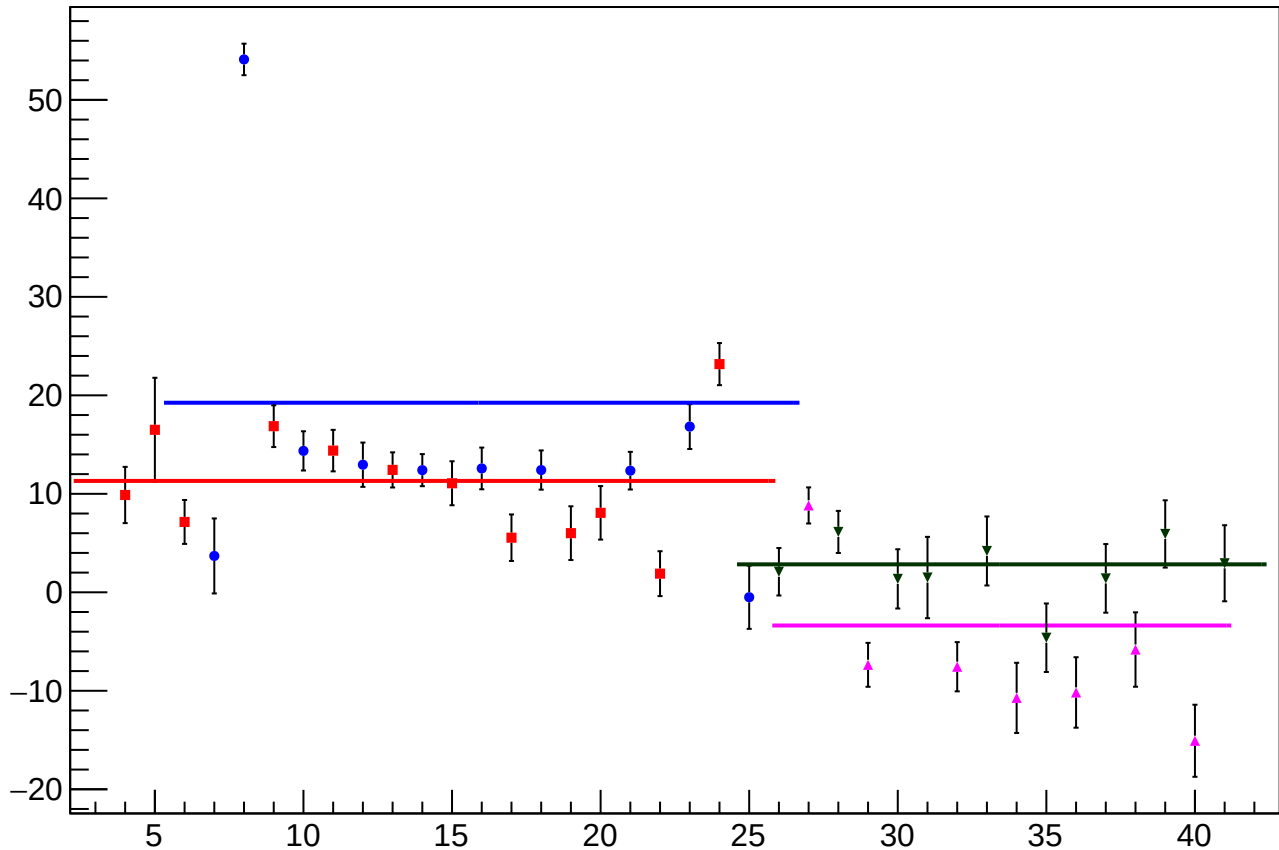
Right Out: 11855.642+/-3.322 χ^2/NDF : 48354.6/11

Left In: 8741.810+/-2.960 χ^2/NDF : 461137.4/6

10136.402+/-2.172 χ^2/NDF : 898966.8/18

10119.866+/-2.210 χ^2/NDF : 999404.4/18

diff_bpm0l06Y_mean vs slug



Right In: 19.249+/-0.656 χ^2 /NDF: 596.3/9

Left Out: 2.839+/-1.021 χ^2 /NDF: 8.5/8

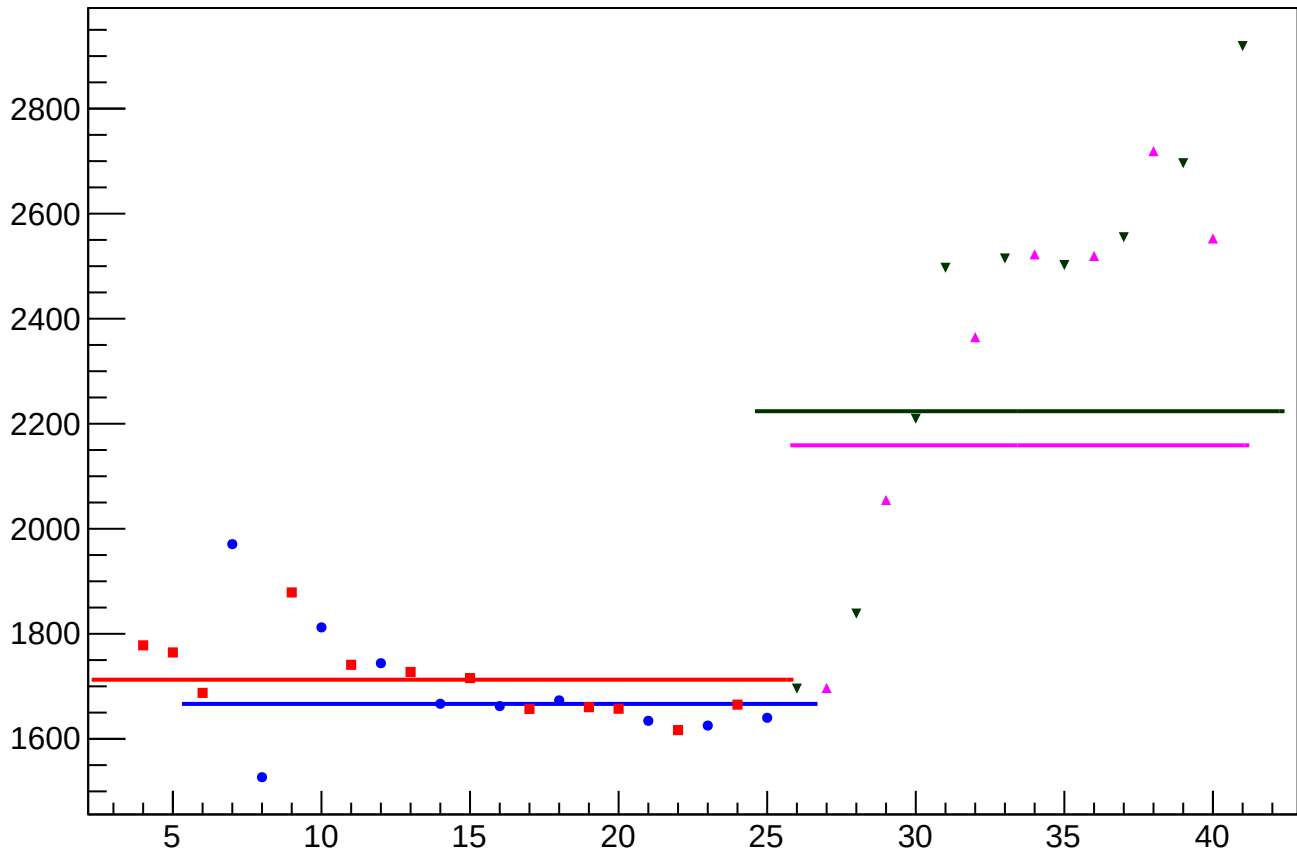
Right Out: 11.311+/-0.677 χ^2 /NDF: 73.1/11

Left In: -3.371+/-1.020 χ^2 /NDF: 68.8/6

14.455+/-0.552 χ^2 /NDF: 787.8/18

6.824+/-0.564 χ^2 /NDF: 285.7/18

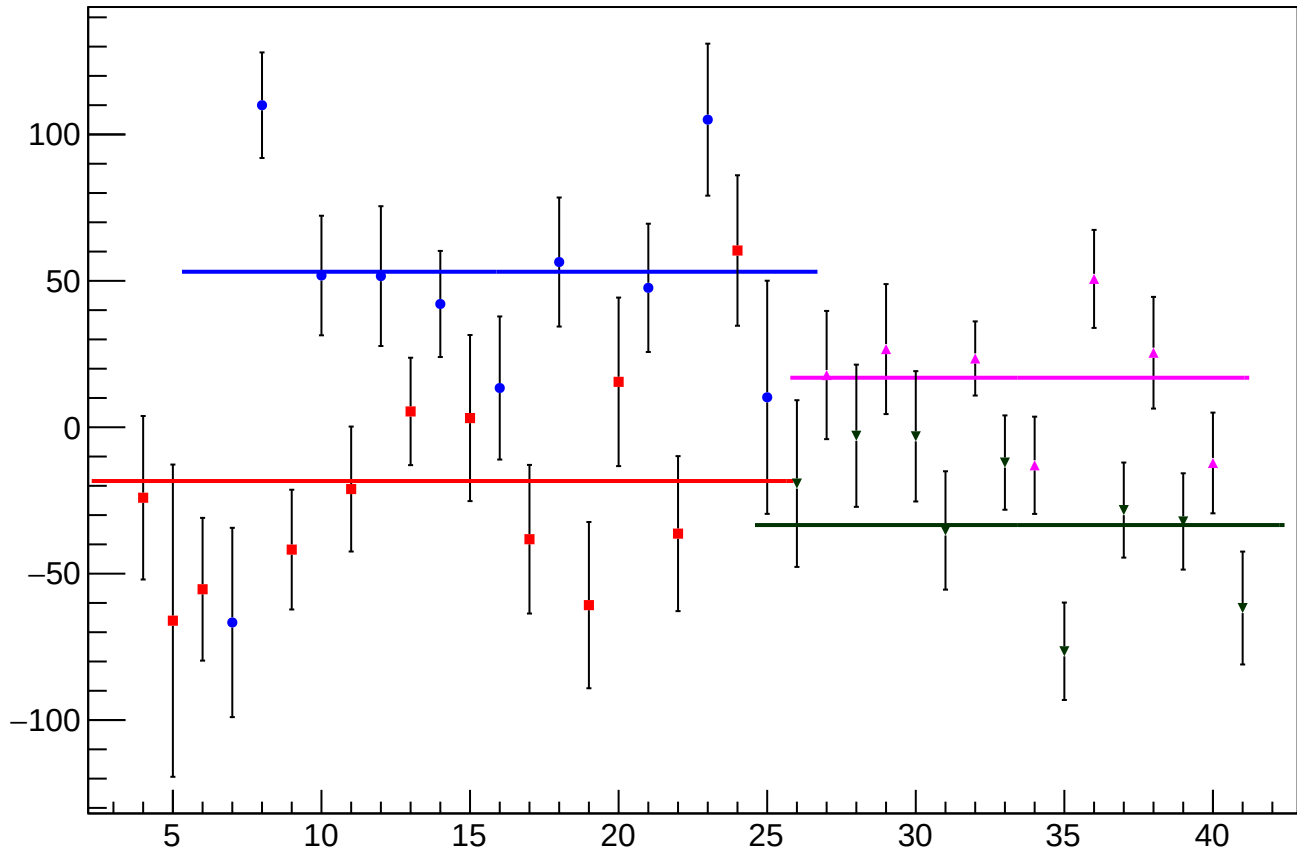
diff_bpm0l06Y_rms vs slug



Right In: 1666.575+/-0.464 χ^2/NDF : 42439.0/9
 Left Out: 2223.845+/-0.722 χ^2/NDF : 317576.8/8
 Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11
 Left In: 2158.939+/-0.722 χ^2/NDF : 253290.4/6

1829.386+/-0.390 χ^2/NDF : 781940.2/18
 1849.030+/-0.399 χ^2/NDF : 540433.9/18

diff_bpm0l07X_mean vs slug



Right In: 53.110 ± 7.223 $\chi^2/\text{NDF}: 31.9/9$

Left Out: -33.399 ± 6.319 $\chi^2/\text{NDF}: 14.4/8$

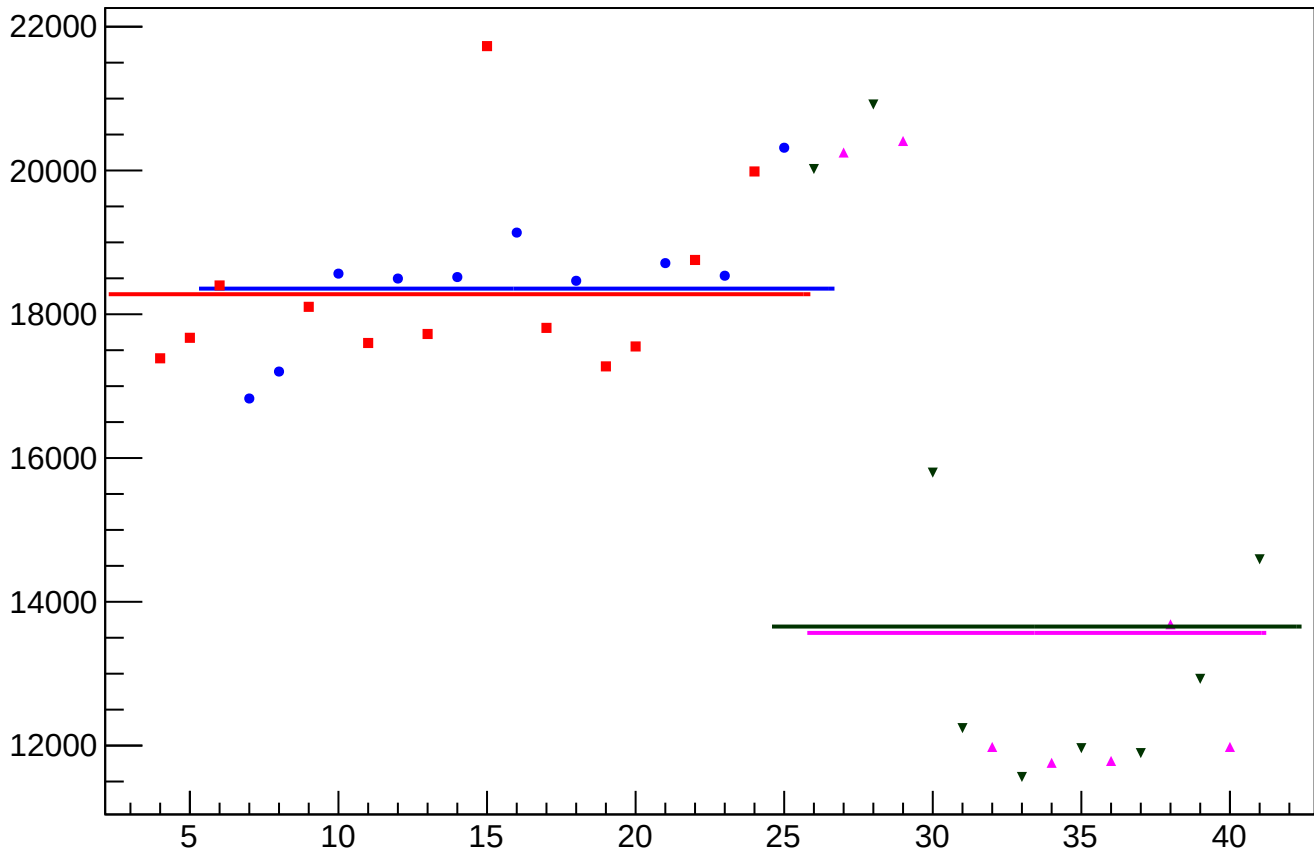
Right Out: -18.361 ± 7.243 $\chi^2/\text{NDF}: 20.8/11$

Left In: 16.911 ± 6.499 $\chi^2/\text{NDF}: 10.8/6$

4.102 ± 4.756 $\chi^2/\text{NDF}: 127.6/18$

1.178 ± 4.837 $\chi^2/\text{NDF}: 44.8/18$

diff_bpm0l07X_rms vs slug



Right In: 18356.519+/-5.108 χ^2/NDF : 20645.2/9

Left Out: 13655.742+/-4.468 χ^2/NDF : 393708.8/8

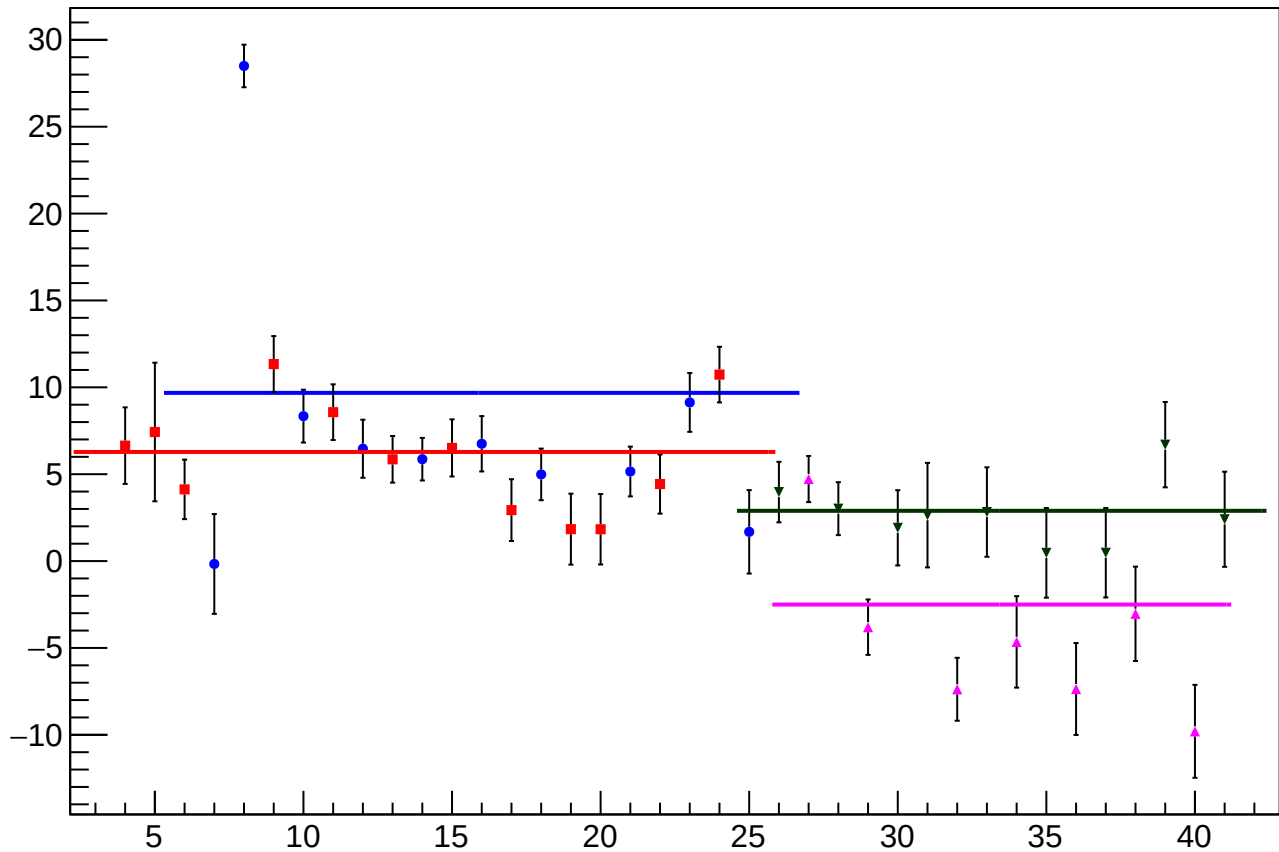
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 13567.294+/-4.595 χ^2/NDF : 471242.0/6

15693.497+/-3.363 χ^2/NDF : 894184.9/18

15668.860+/-3.420 χ^2/NDF : 989989.7/18

diff_bpm0l07Y_mean vs slug



Right In: 9.681 ± 0.494 χ^2/NDF : 296.3/9

Left Out: 2.893 ± 0.738 χ^2/NDF : 4.8/8

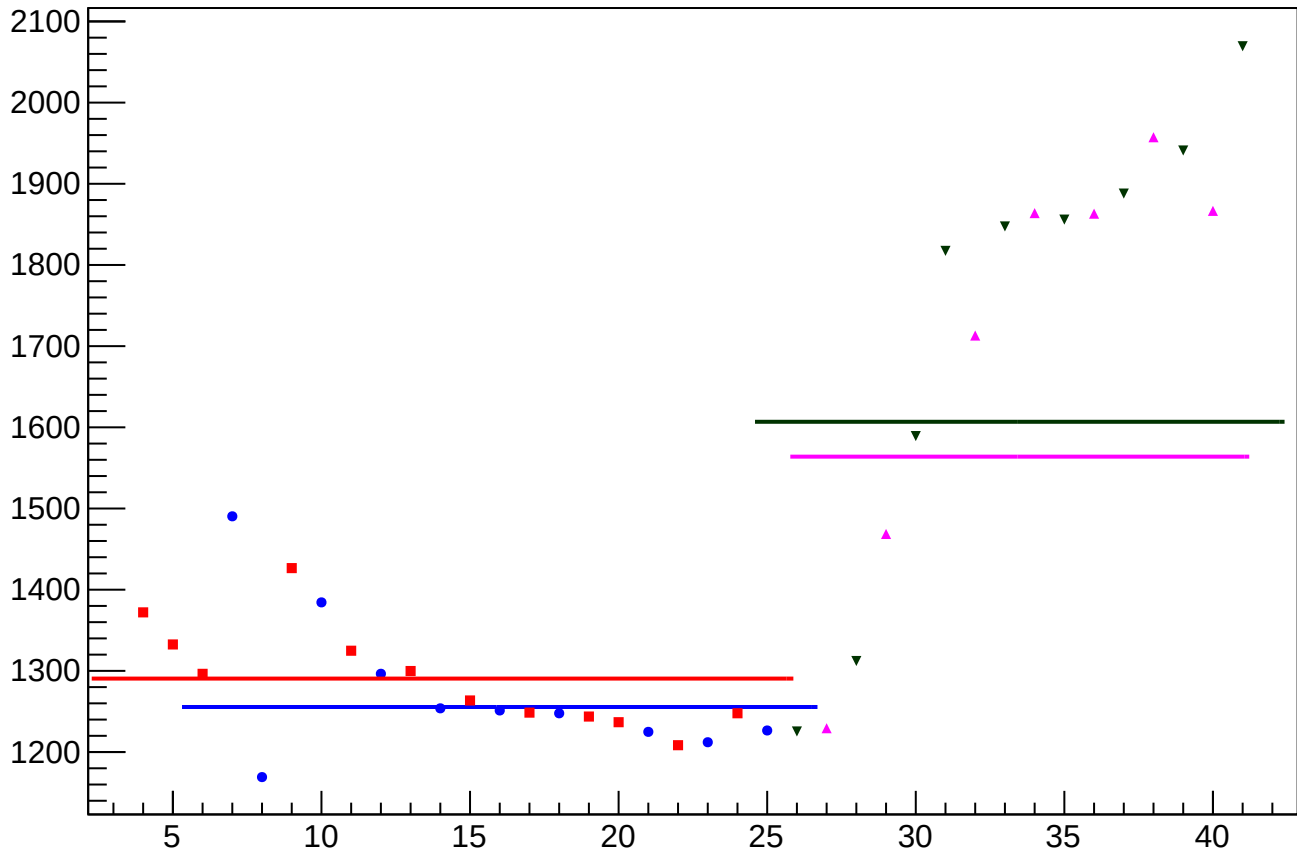
Right Out: 6.280 ± 0.510 χ^2/NDF : 35.7/11

Left In: -2.502 ± 0.740 χ^2/NDF : 49.1/6

7.582 ± 0.410 χ^2/NDF : 359.5/18

3.449 ± 0.420 χ^2/NDF : 180.3/18

diff_bpm0l07Y_rms vs slug



Right In: 1255.503+/-0.349 χ^2/NDF : 41466.5/9

Left Out: 1606.834+/-0.522 χ^2/NDF : 334946.9/8

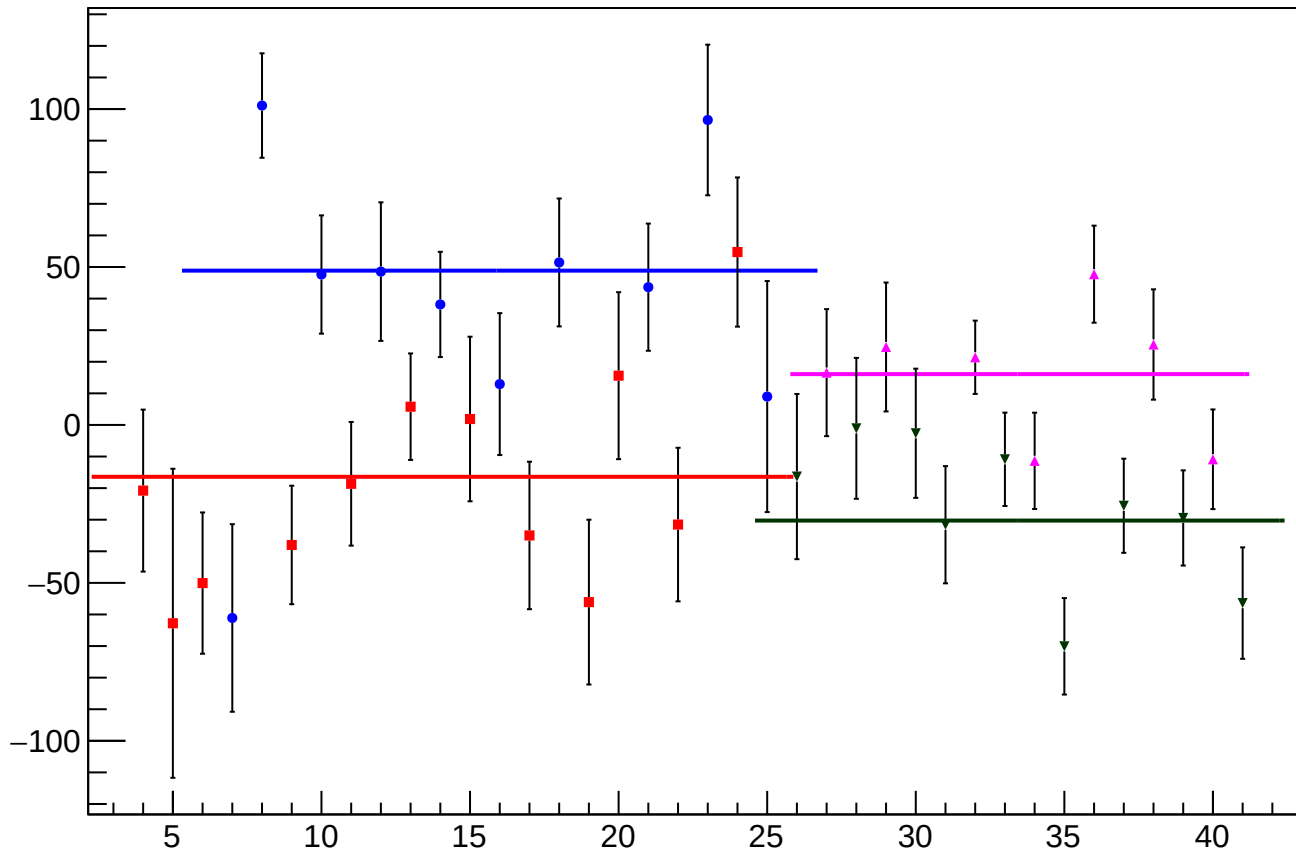
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

Left In: 1563.888+/-0.523 χ^2/NDF : 266845.8/6

1364.180+/-0.290 χ^2/NDF : 689494.1/18

1378.638+/-0.297 χ^2/NDF : 480510.7/18

diff_bpm0l08X_mean vs slug



Right In: 48.850 ± 6.634 $\chi^2/\text{NDF}: 31.9/9$

Left Out: -30.271 ± 5.797 $\chi^2/\text{NDF}: 14.6/8$

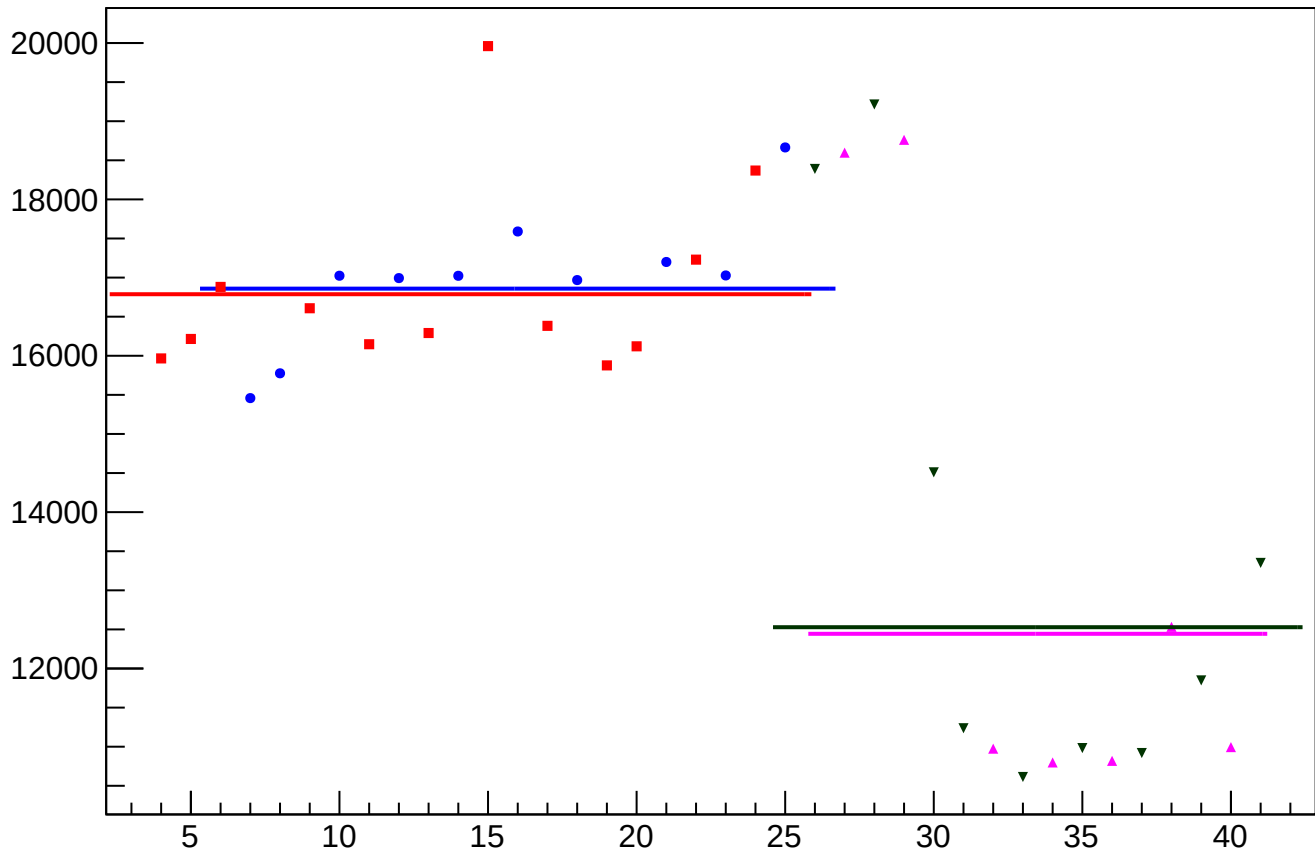
Right Out: -16.413 ± 6.651 $\chi^2/\text{NDF}: 20.6/11$

Left In: 16.086 ± 5.962 $\chi^2/\text{NDF}: 11.1/6$

3.988 ± 4.365 $\chi^2/\text{NDF}: 127.2/18$

1.609 ± 4.439 $\chi^2/\text{NDF}: 44.9/18$

diff_bpm0l08X_rms vs slug



Right In: 16858.609+/-4.691 χ^2/NDF : 21176.8/9

Left Out: 12528.268+/-4.099 χ^2/NDF : 394466.2/8

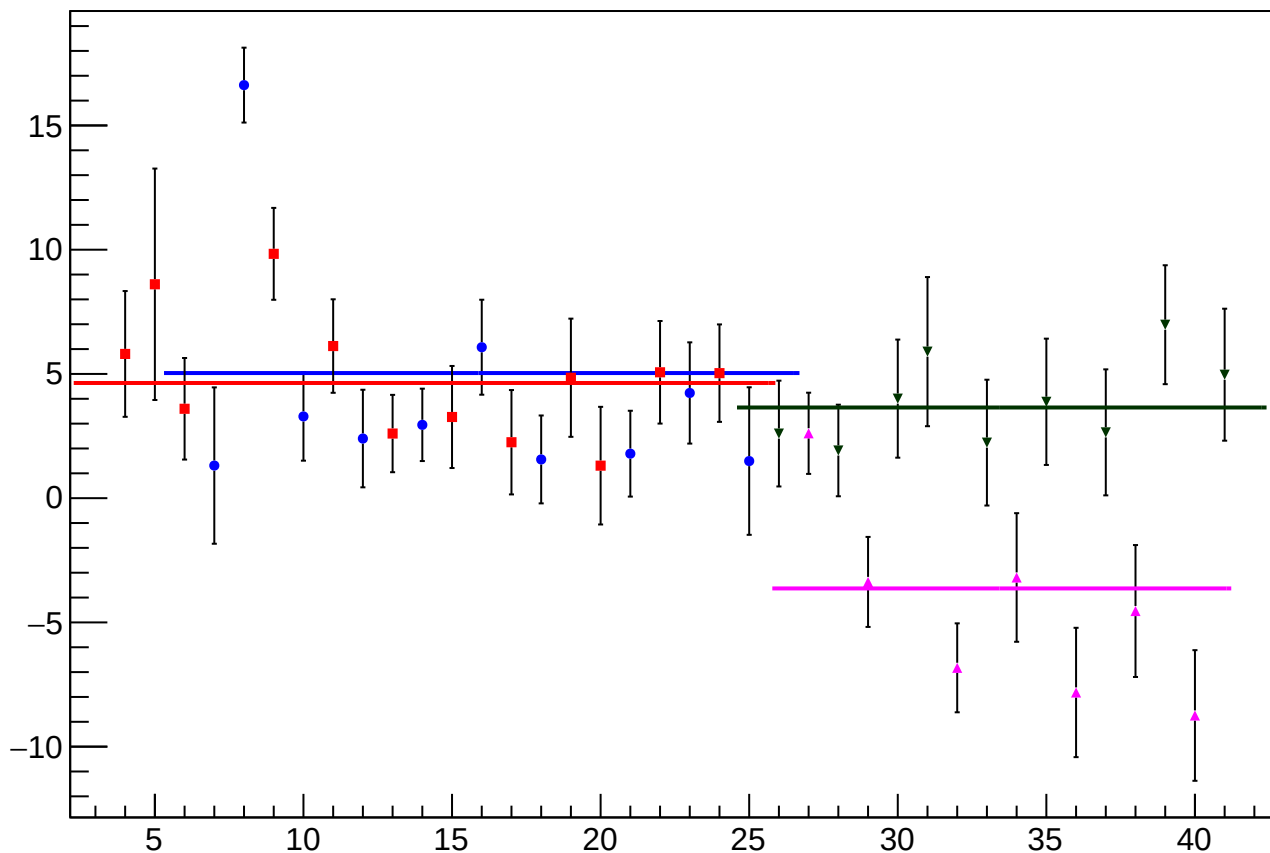
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

Left In: 12443.894+/-4.215 χ^2/NDF : 473788.5/6

14403.258+/-3.087 χ^2/NDF : 898823.8/18

14378.676+/-3.139 χ^2/NDF : 996705.4/18

diff_bpm0l08Y_mean vs slug



Right In: 5.036 ± 0.590 χ^2/NDF : 74.6/9

Left Out: 3.649 ± 0.794 χ^2/NDF : 4.4/8

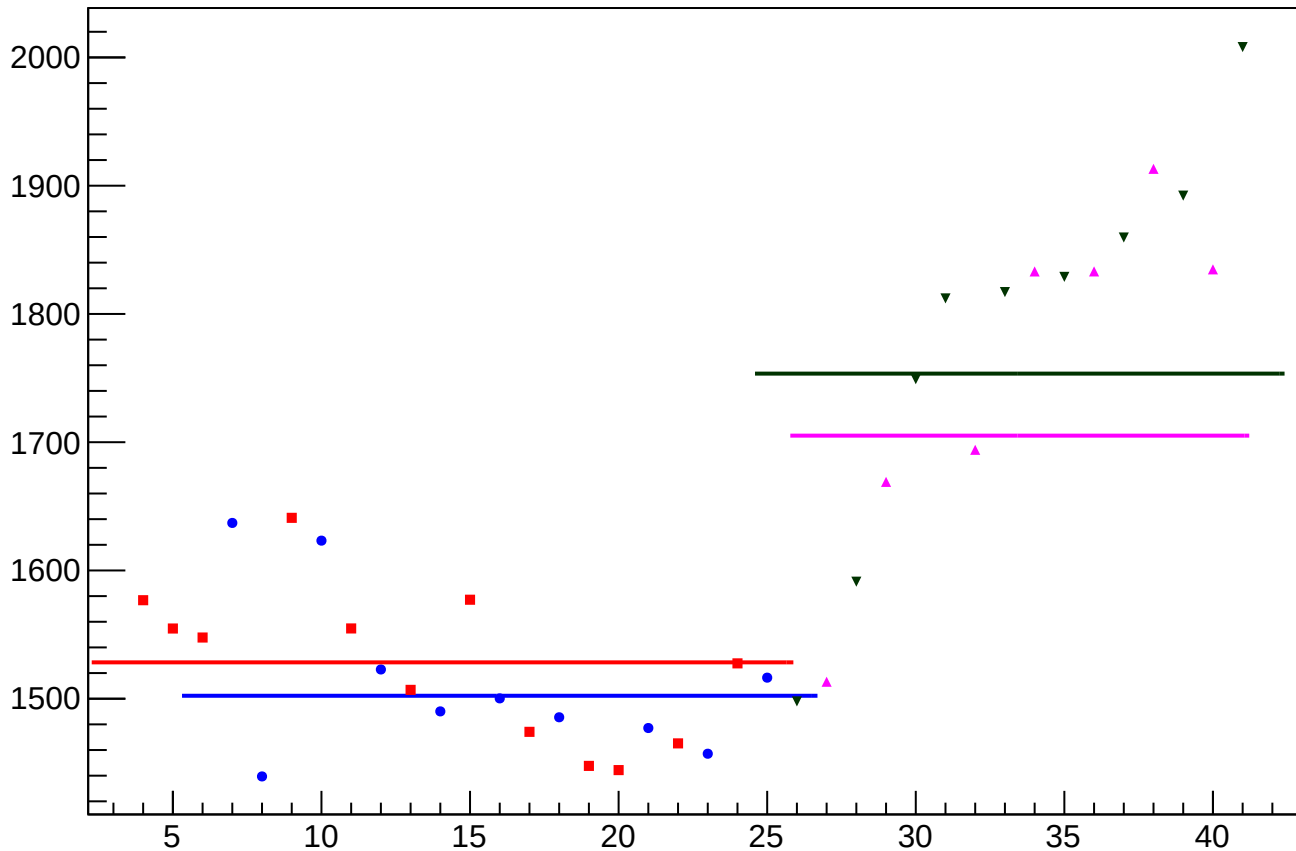
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -3.633 ± 0.797 χ^2/NDF : 24.3/6

4.542 ± 0.474 χ^2/NDF : 80.9/18

1.620 ± 0.481 χ^2/NDF : 108.0/18

diff_bpm0l08Y_rms vs slug



Right In: 1502.304+/-0.417 χ^2/NDF : 18372.8/9

Left Out: 1753.483+/-0.561 χ^2/NDF : 76731.9/8

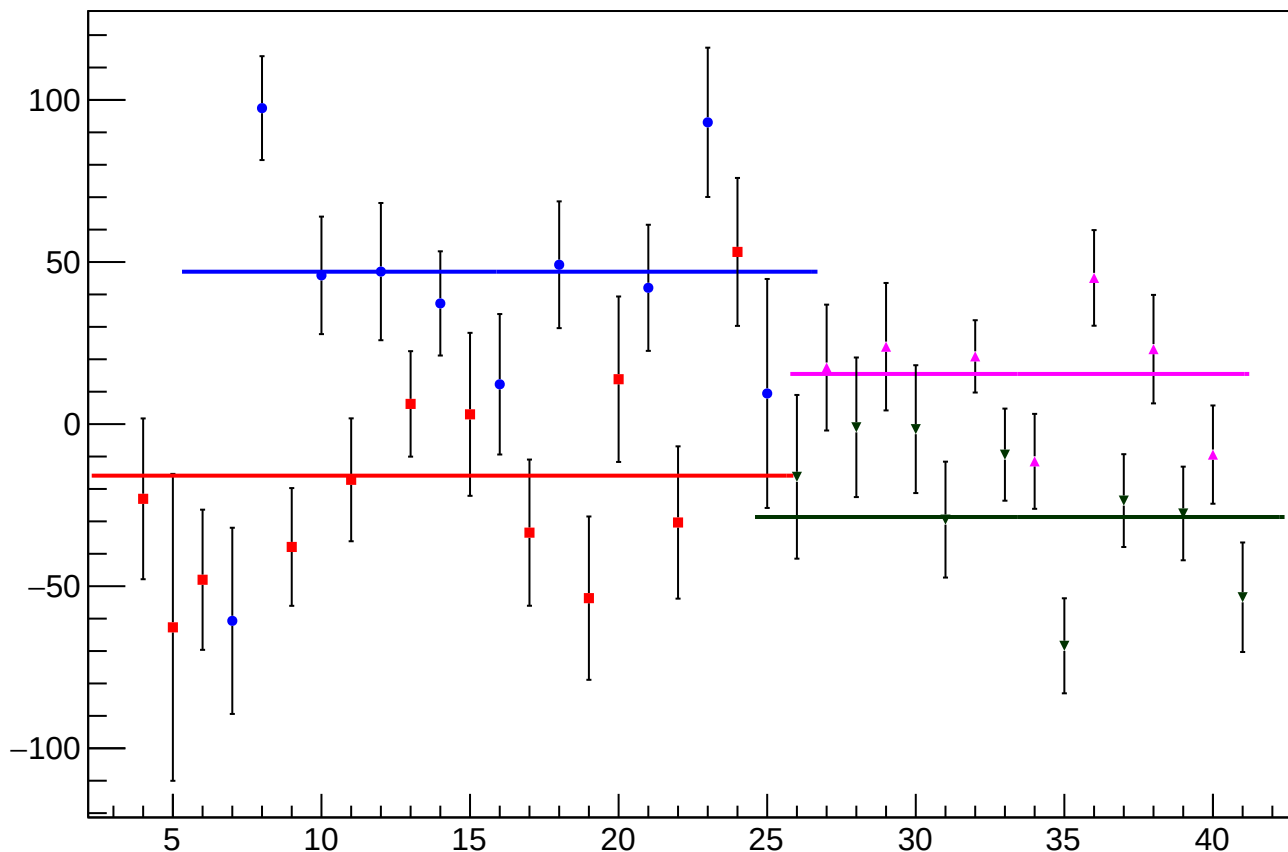
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1705.124+/-0.563 χ^2/NDF : 55324.1/6

1591.697+/-0.335 χ^2/NDF : 224005.3/18

1592.822+/-0.340 χ^2/NDF : 136190.7/18

diff_bpm0l09X_mean vs slug



Right In: 47.015+/-6.411 χ^2/NDF : 32.1/9

Left Out: -28.654+/-5.572 χ^2/NDF :15.2/8

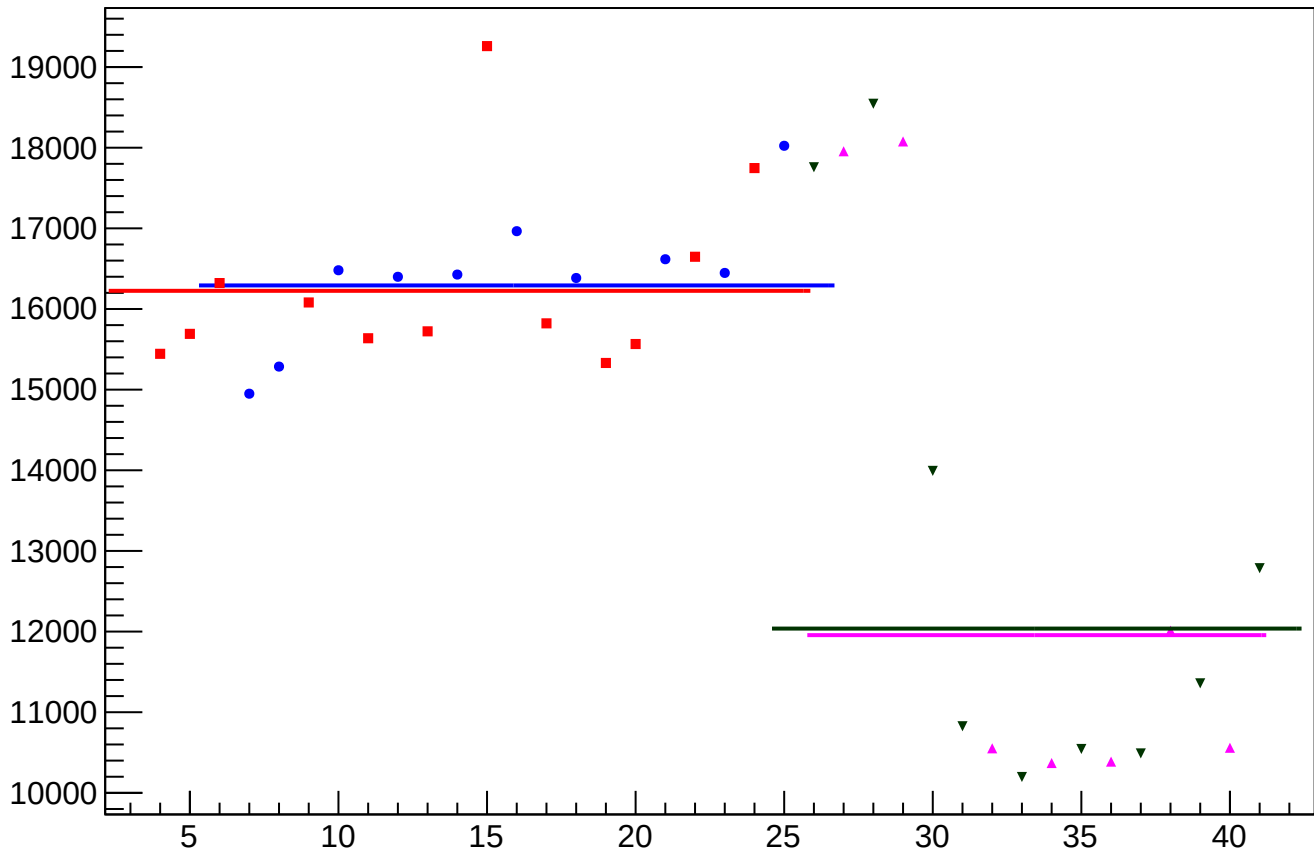
Right Out: -15.898+/-6.429 χ^2/NDF : 20.9/11

Left In: 15.476+/-5.730 χ^2/NDF :10.8/6

3.907+/-4.205 χ^2/NDF : 126.8/18

1.588+/-4.277 χ^2/NDF : 44.9/18

diff_bpm0l09X_rms vs slug



Right In: 16292.193+/-4.533 χ^2/NDF : 20100.0/9

Left Out: 12037.158+/-3.940 χ^2/NDF : 400290.3/8

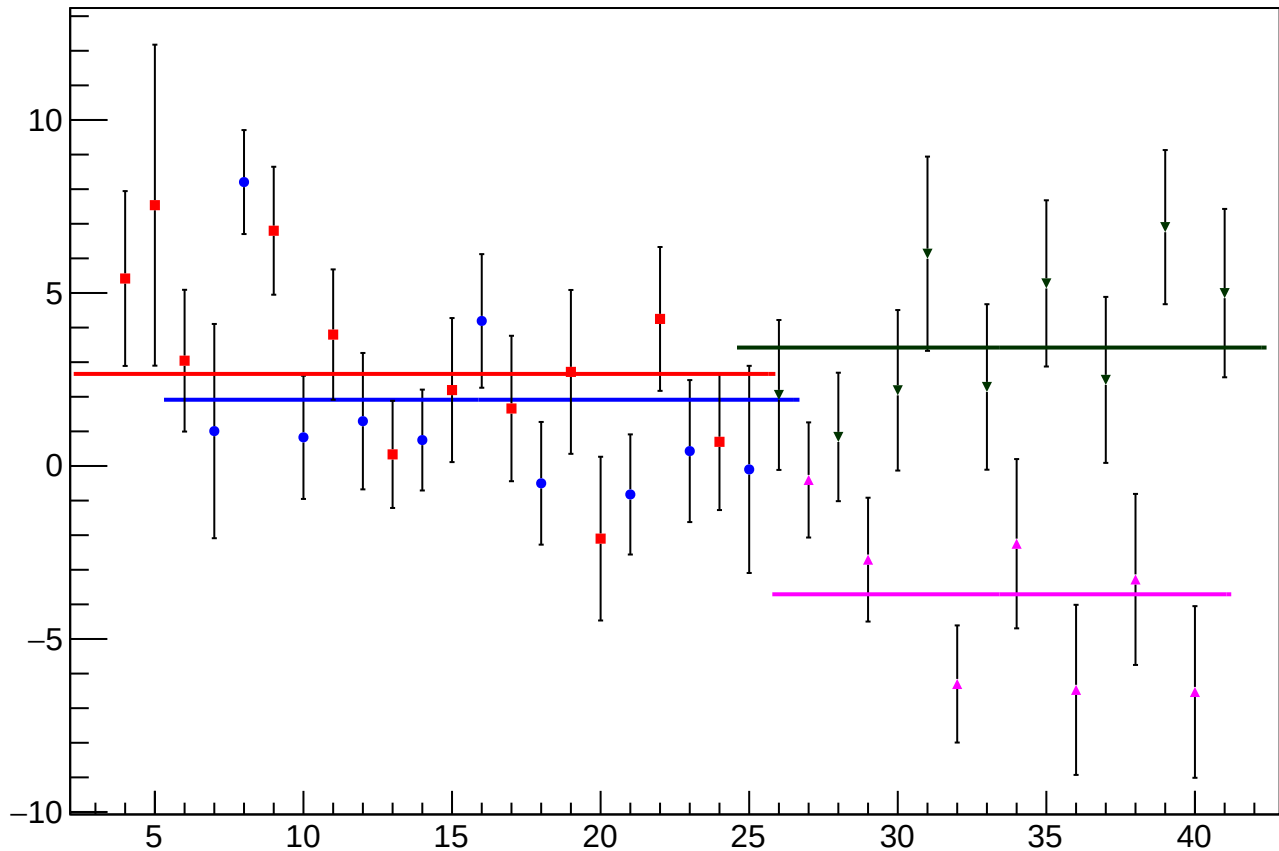
Right Out: 16225.365+/-4.546 χ^2/NDF : 49424.2/11

Left In: 11955.773+/-4.051 χ^2/NDF : 479739.1/6

13868.106+/-2.974 χ^2/NDF : 922331.5/18

13845.867+/-3.024 χ^2/NDF : 1020820.2/18

diff_bpm0l09Y_mean vs slug



Right In: 1.914 ± 0.592 χ^2/NDF : 25.4/9

Left Out: 3.423 ± 0.765 χ^2/NDF : 7.4/8

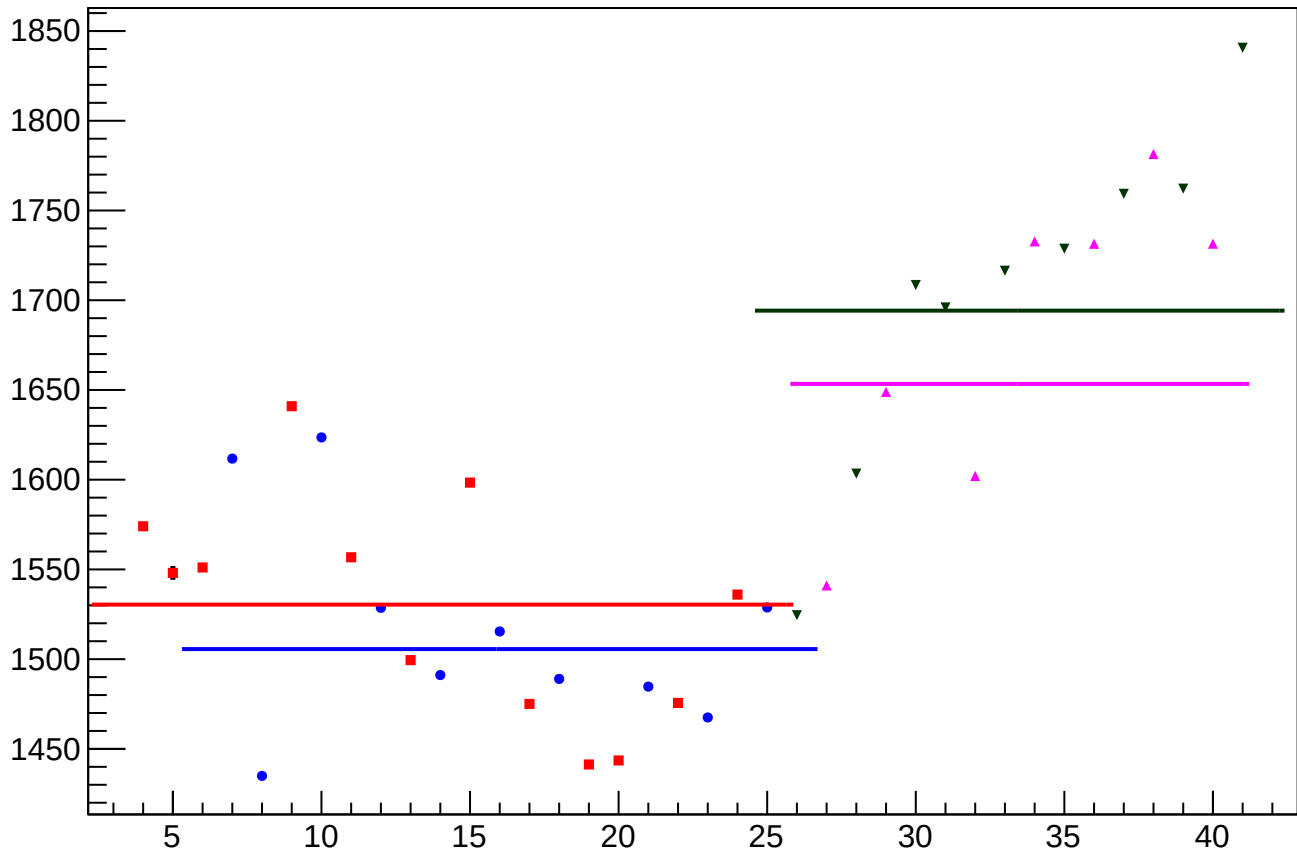
Right Out: 2.661 ± 0.605 χ^2/NDF : 15.9/11

Left In: -3.708 ± 0.771 χ^2/NDF : 9.5/6

2.479 ± 0.468 χ^2/NDF : 35.3/18

0.236 ± 0.476 χ^2/NDF : 67.6/18

diff_bpm0l09Y_rms vs slug



Right In: 1505.616+/-0.418 χ^2/NDF : 17340.1/9

Left Out: 1694.201+/-0.541 χ^2/NDF : 28301.3/8

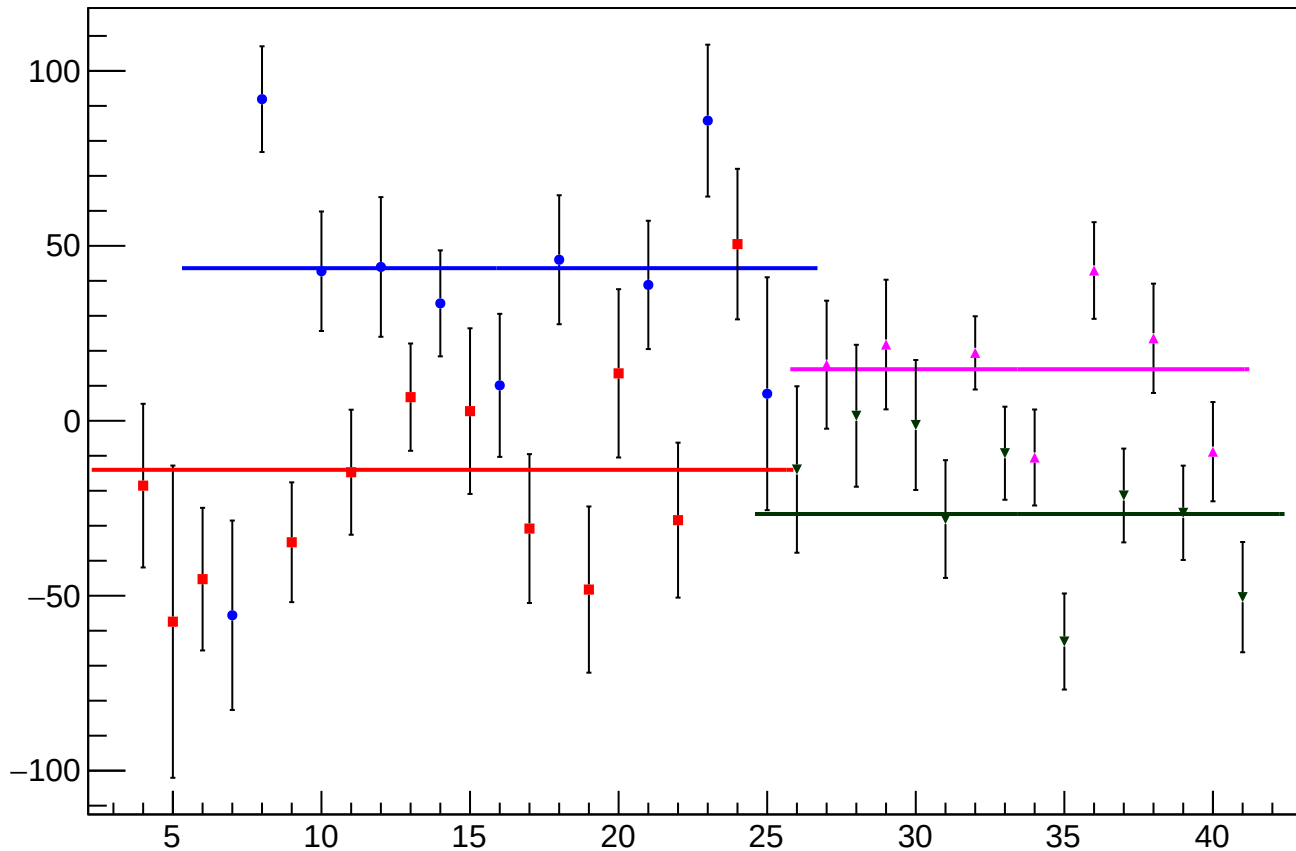
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

Left In: 1653.384+/-0.545 χ^2/NDF : 22440.5/6

1576.171+/-0.331 χ^2/NDF : 121689.2/18

1577.209+/-0.336 χ^2/NDF : 73559.7/18

diff_bpm0l10X_mean vs slug



Right In: 43.620 ± 6.044 $\chi^2/\text{NDF}: 31.8/9$

Left Out: -26.642 ± 5.222 $\chi^2/\text{NDF}: 15.3/8$

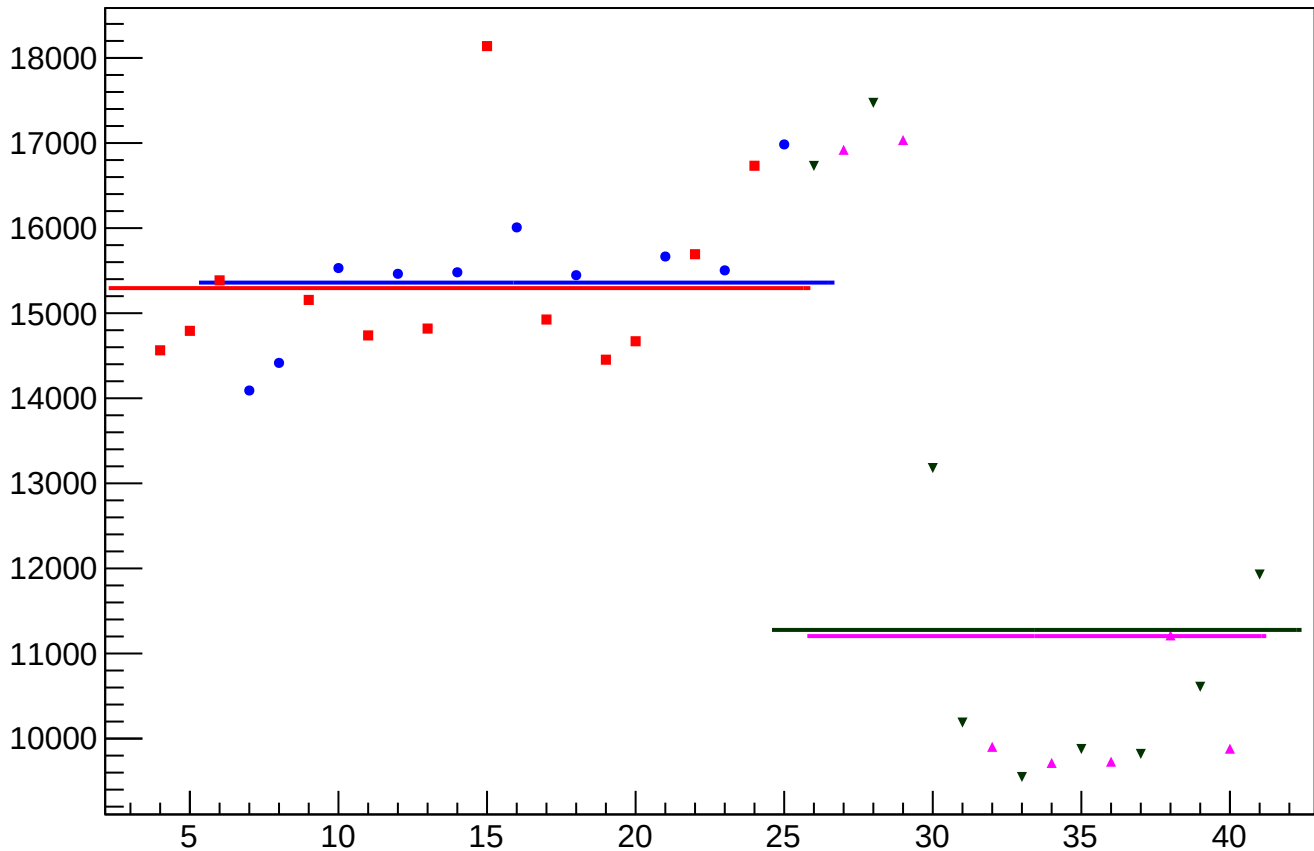
Right Out: -14.010 ± 6.060 $\chi^2/\text{NDF}: 20.6/11$

Left In: 14.736 ± 5.372 $\chi^2/\text{NDF}: 11.0/6$

3.389 ± 3.951 $\chi^2/\text{NDF}: 124.5/18$

2.086 ± 4.020 $\chi^2/\text{NDF}: 44.1/18$

diff_bpm0l10X_rms vs slug



Right In: 15359.560 +/- 4.274 $\chi^2/\text{NDF}: 20044.9/9$

Left Out: 11277.168 +/- 3.692 $\chi^2/\text{NDF}: 407558.1/8$

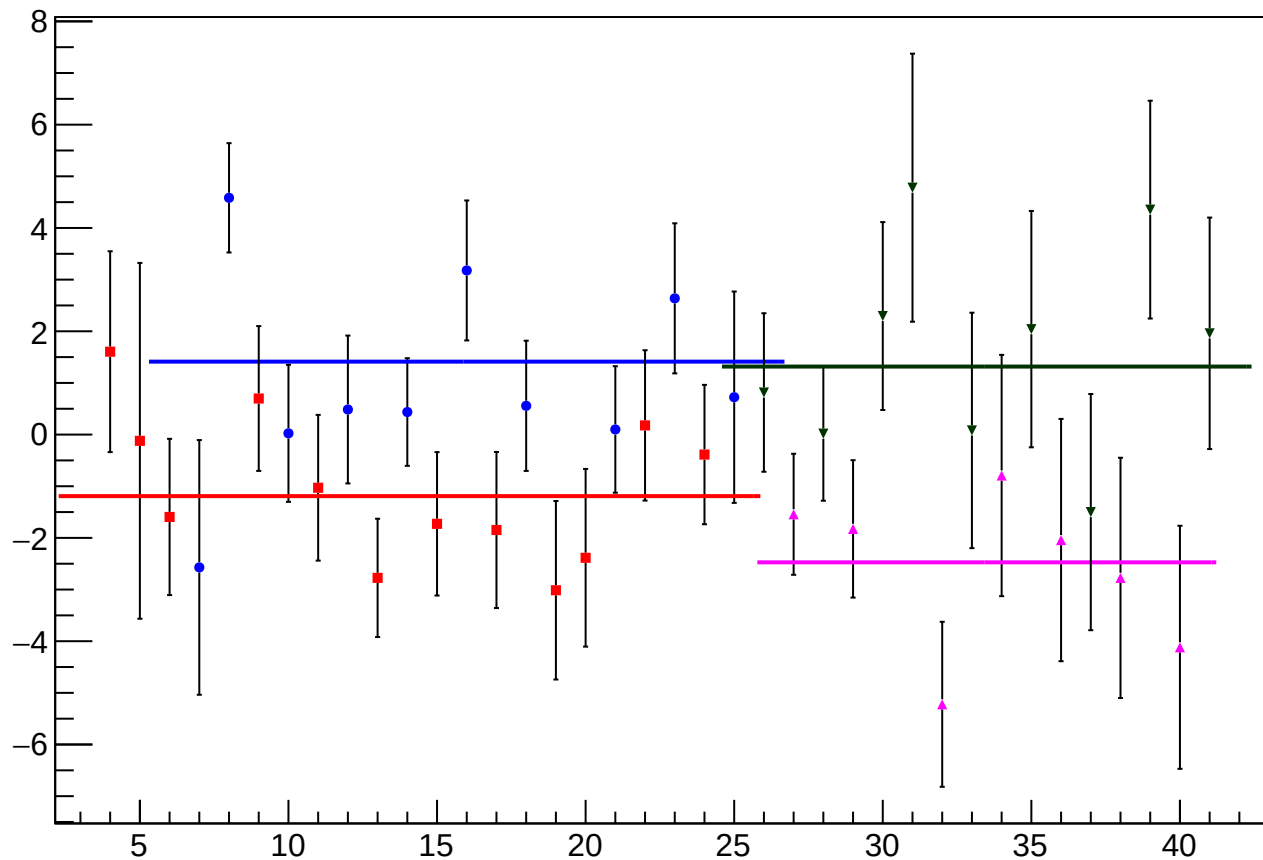
Right Out: 15294.772 +/- 4.285 $\chi^2/\text{NDF}: 49160.5/11$

Left In: 11204.615 +/- 3.799 $\chi^2/\text{NDF}: 488169.0/6$

13022.057 +/- 2.794 $\chi^2/\text{NDF}: 950102.3/18$

13004.491 +/- 2.842 $\chi^2/\text{NDF}: 1047531.5/18$

diff_bpm0l10Y_mean vs slug



Right In: 1.412 ± 0.423 $\chi^2/\text{NDF}: 18.1/9$

Left Out: 1.317 ± 0.637 $\chi^2/\text{NDF}: 7.2/8$

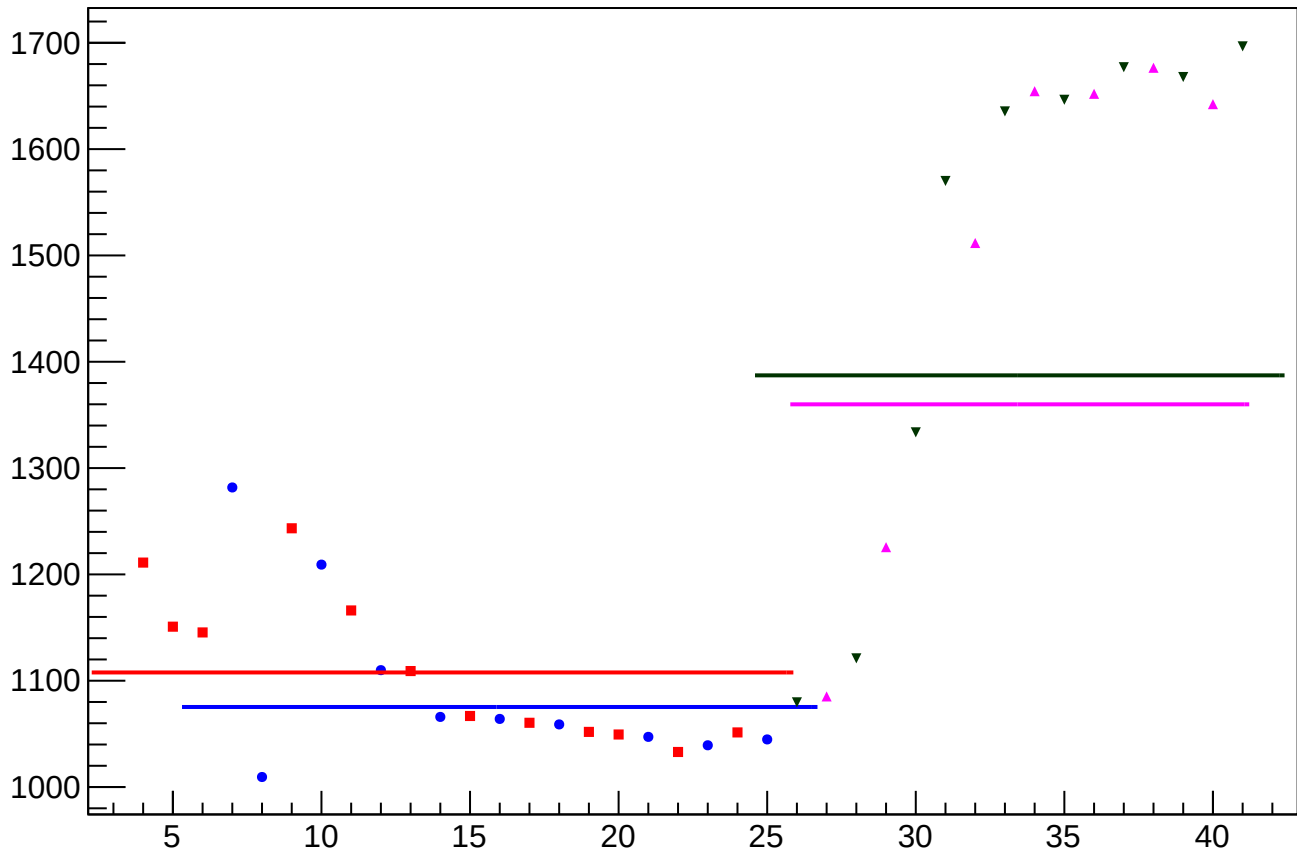
Right Out: -1.191 ± 0.438 $\chi^2/\text{NDF}: 9.1/11$

Left In: -2.473 ± 0.643 $\chi^2/\text{NDF}: 4.9/6$

1.383 ± 0.352 $\chi^2/\text{NDF}: 25.4/18$

-1.597 ± 0.362 $\chi^2/\text{NDF}: 16.7/18$

diff_bpm0l10Y_rms vs slug



Right In: 1075.302 $\pm$ 0.299 χ^2 /NDF: 46677.3/9

Left Out: 1387.213 $\pm$ 0.450 χ^2 /NDF:331132.0/8

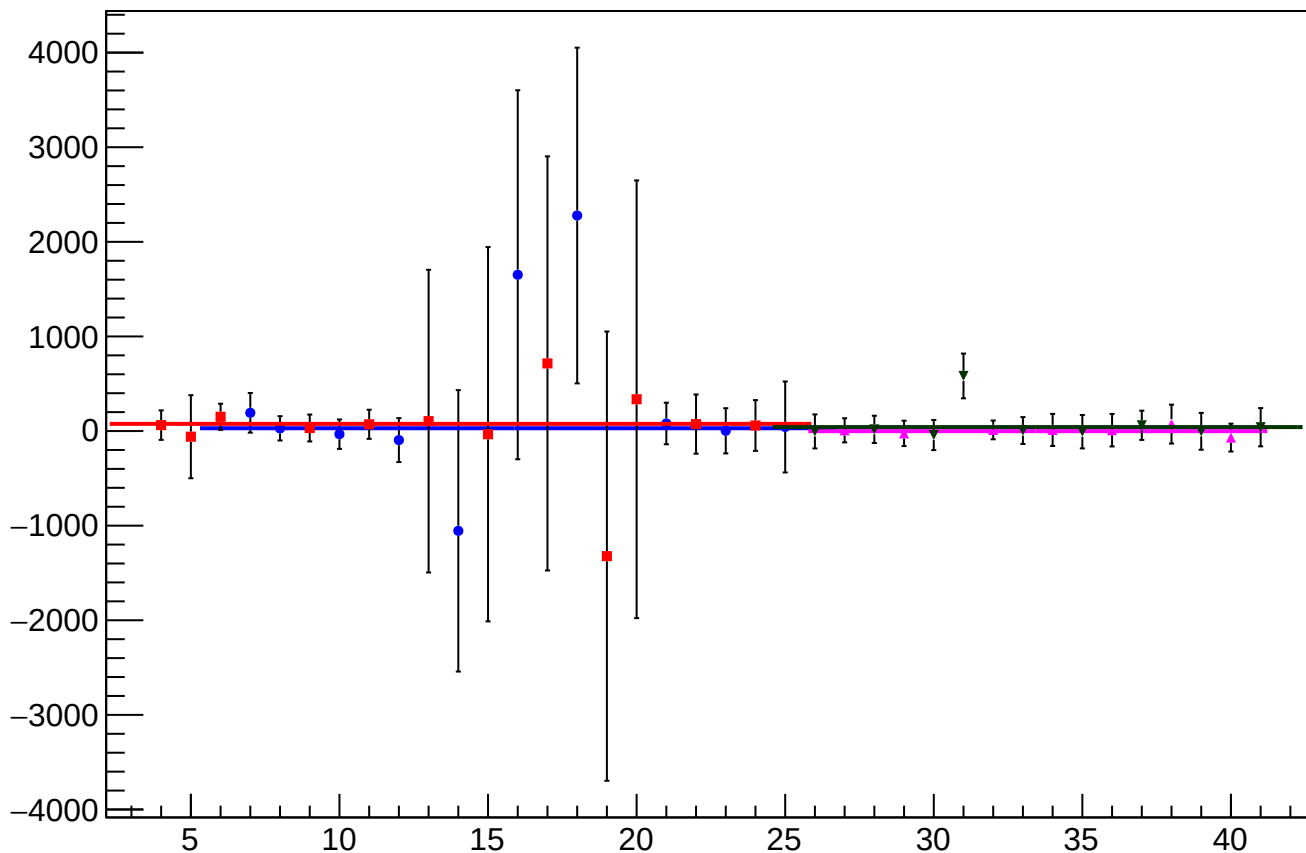
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

Left In: 1359.960 $\pm$ 0.455 χ^2 /NDF:277096.1/6

1170.832 $\pm$ 0.249 χ^2 /NDF: 710872.7/18

1187.668 $\pm$ 0.256 χ^2 /NDF: 533283.7/18

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 29.643+/-73.127 χ^2/NDF : 4.0/9

Left Out: 41.800+/-56.710 χ^2/NDF : 5.8/8

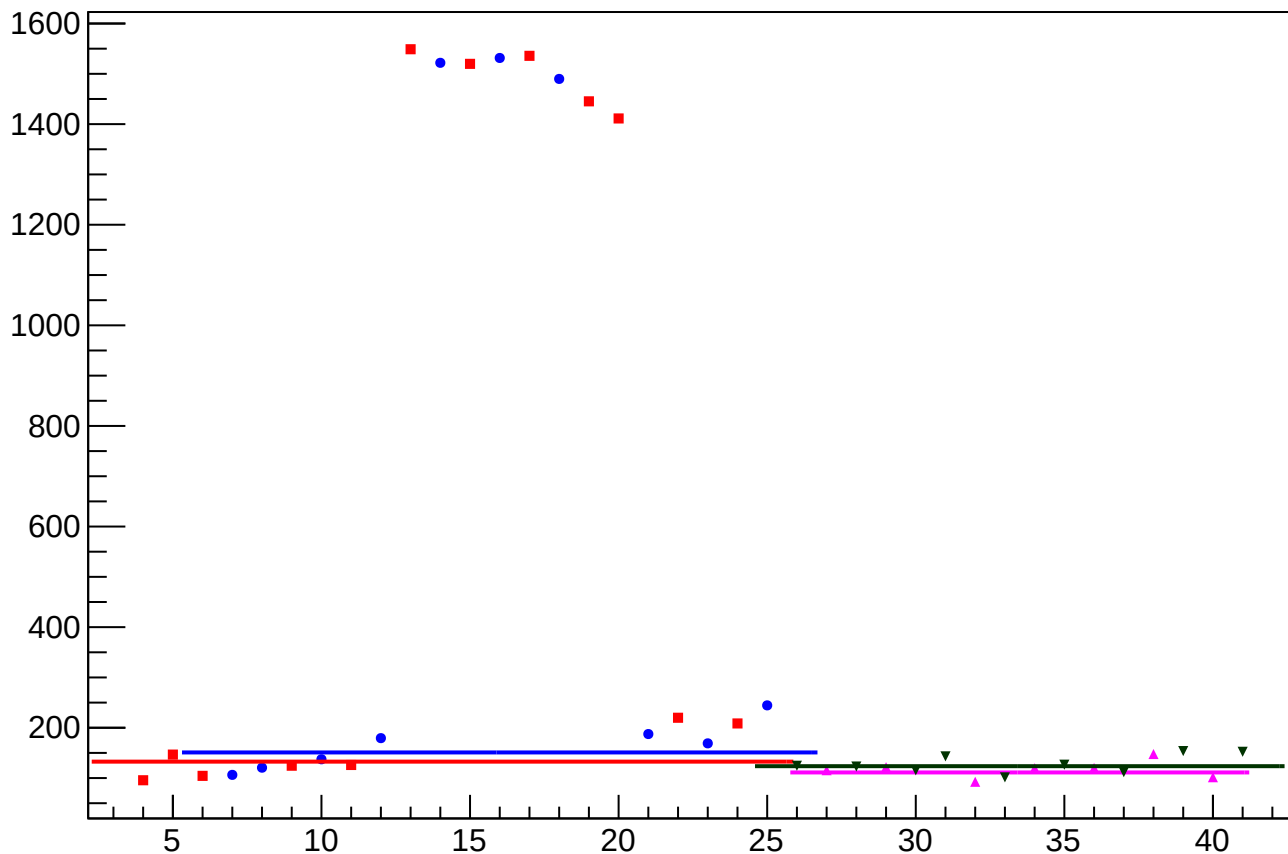
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: -1.157+/-52.944 χ^2/NDF : 0.4/6

37.235+/-44.813 χ^2/NDF : 9.8/18

27.897+/-41.788 χ^2/NDF : 2.2/18

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 150.926+/-0.052 χ^2/NDF : 4230041.1/9

Left Out: 123.606+/-0.040 χ^2/NDF : 168228.5/8

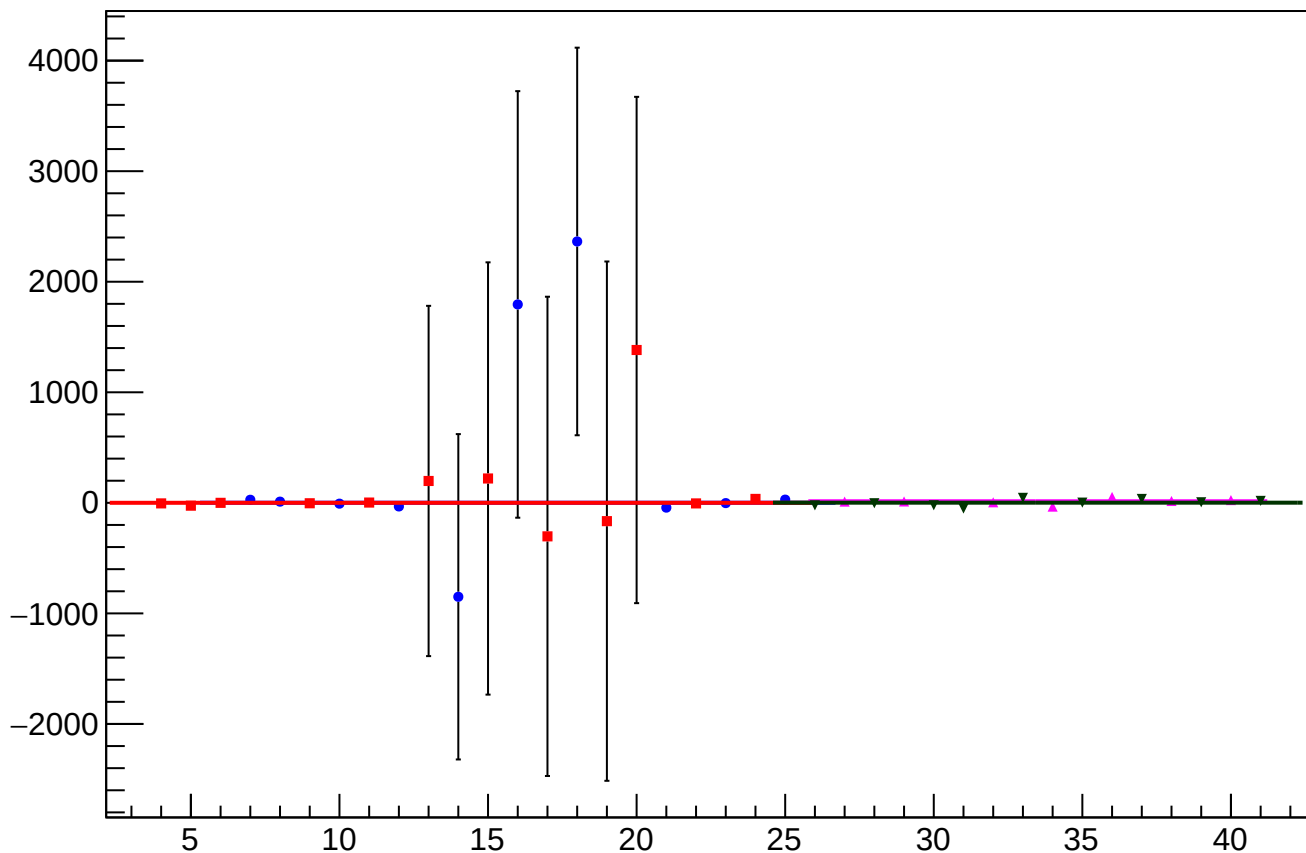
Right Out: 132.646+/-0.048 χ^2/NDF : 5120067.3/11

Left In: 111.161+/-0.037 χ^2/NDF : 166237.5/6

133.866+/-0.032 χ^2/NDF : 4572588.8/18

119.262+/-0.030 χ^2/NDF : 5410487.4/18

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.955+/-6.198 χ^2/NDF : 11.8/9

Left Out: 1.447+/-7.894 χ^2/NDF : 10.7/8

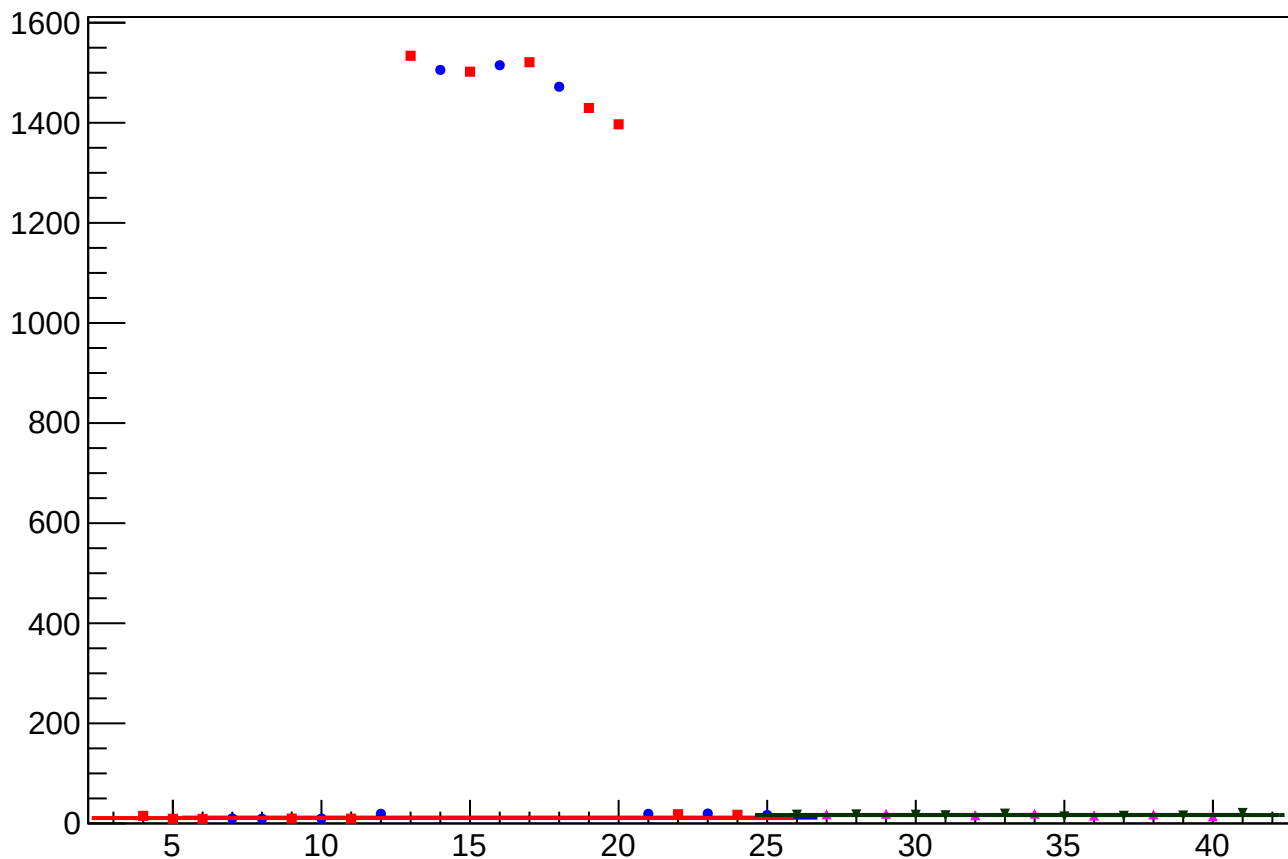
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 14.489+/-8.291 χ^2/NDF : 6.3/6

1.143+/-4.875 χ^2/NDF : 22.5/18

5.067+/-4.798 χ^2/NDF : 12.2/18

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 11.555+/-0.004 χ^2/NDF : 5368102.9/9

Left Out: 16.800+/-0.006 χ^2/NDF :120256.1/8

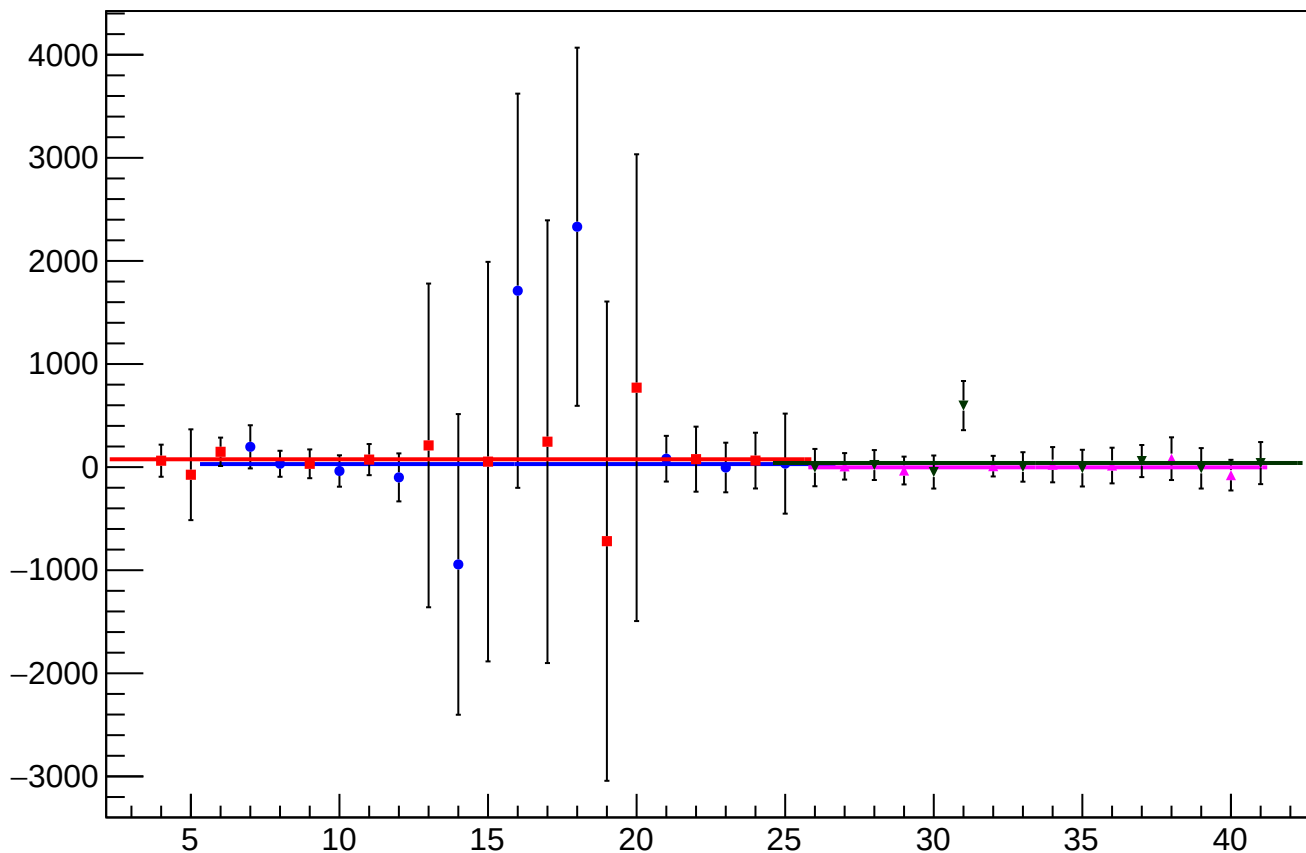
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 17.100+/-0.006 χ^2/NDF :92622.7/6

13.555+/-0.003 χ^2/NDF : 6034511.8/18

12.904+/-0.003 χ^2/NDF : 6785477.2/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 29.483+/-72.516 χ^2/NDF : 4.2/9

Left Out: 40.173+/-57.152 χ^2/NDF : 6.1/8

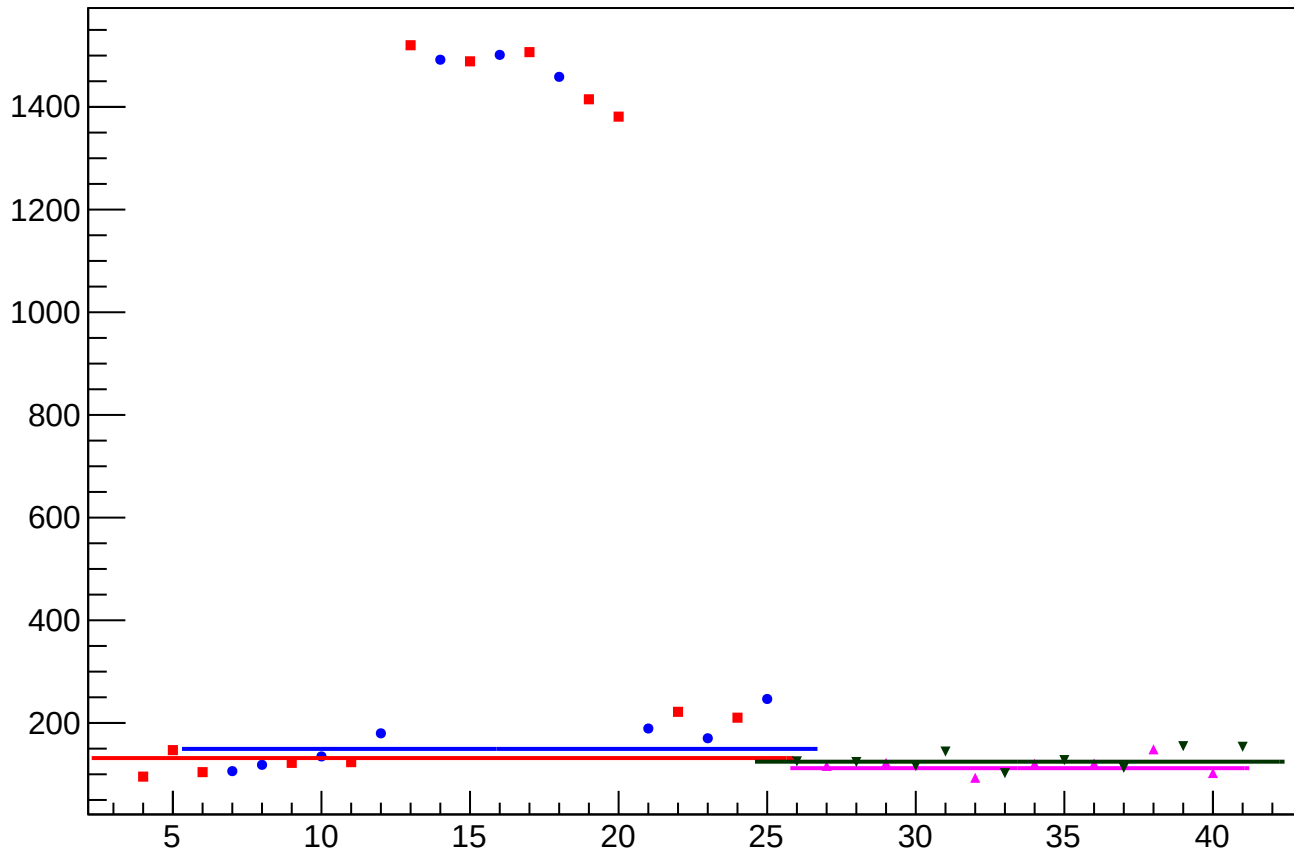
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: -2.026+/-53.320 χ^2/NDF : 0.5/6

36.077+/-44.887 χ^2/NDF : 10.3/18

27.952+/-41.847 χ^2/NDF : 2.1/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 149.490 +/- 0.051 χ^2/NDF : 4249870.3/9

Left Out: 124.566 +/- 0.040 χ^2/NDF : 168557.0/8

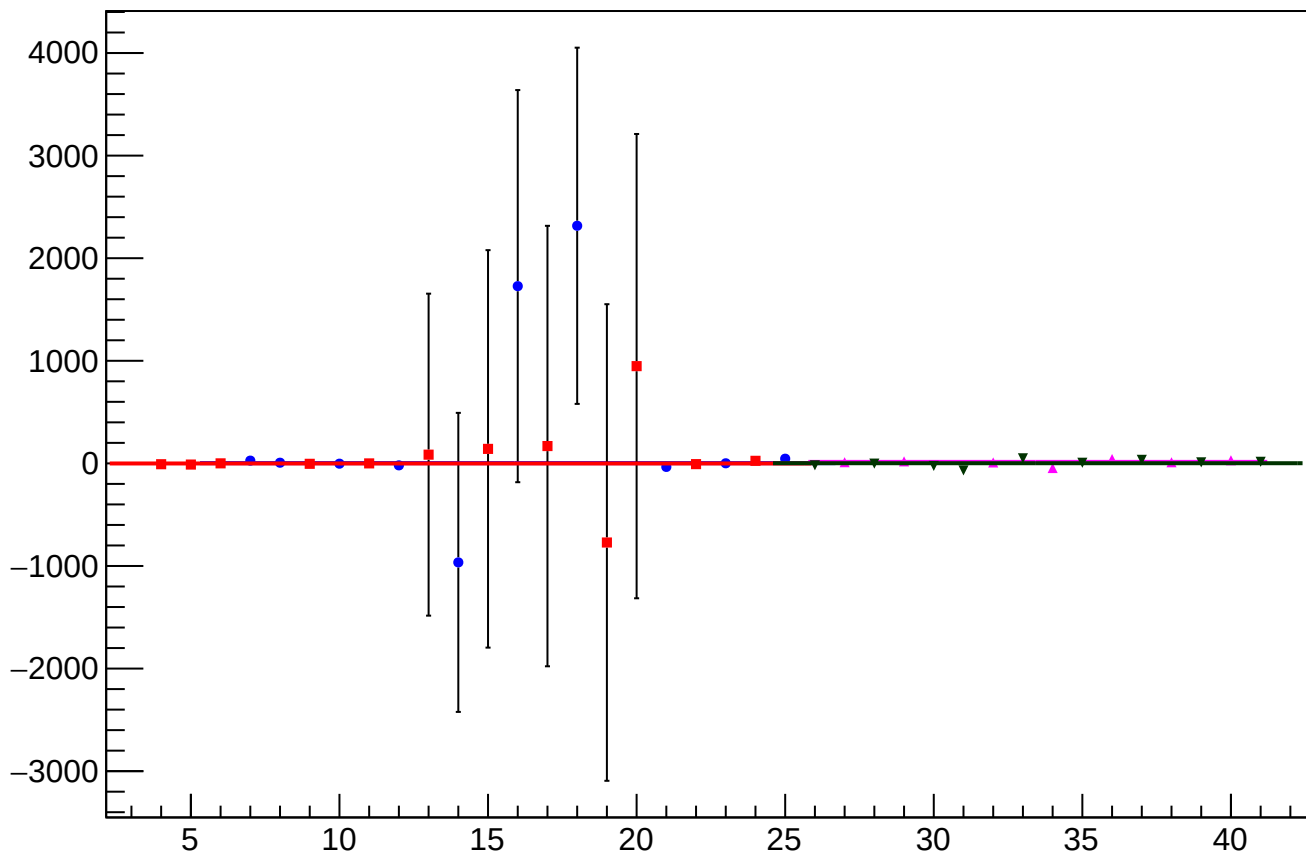
Right Out: 131.616 +/- 0.048 χ^2/NDF : 5120657.7/11

Left In: 111.946 +/- 0.038 χ^2/NDF : 165696.6/6

134.115 +/- 0.032 χ^2/NDF : 4564173.8/18

119.500 +/- 0.030 χ^2/NDF : 5390874.5/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 2.611+/-5.597 χ^2/NDF : 10.1/9

Left Out: 1.694+/-7.685 χ^2/NDF : 14.4/8

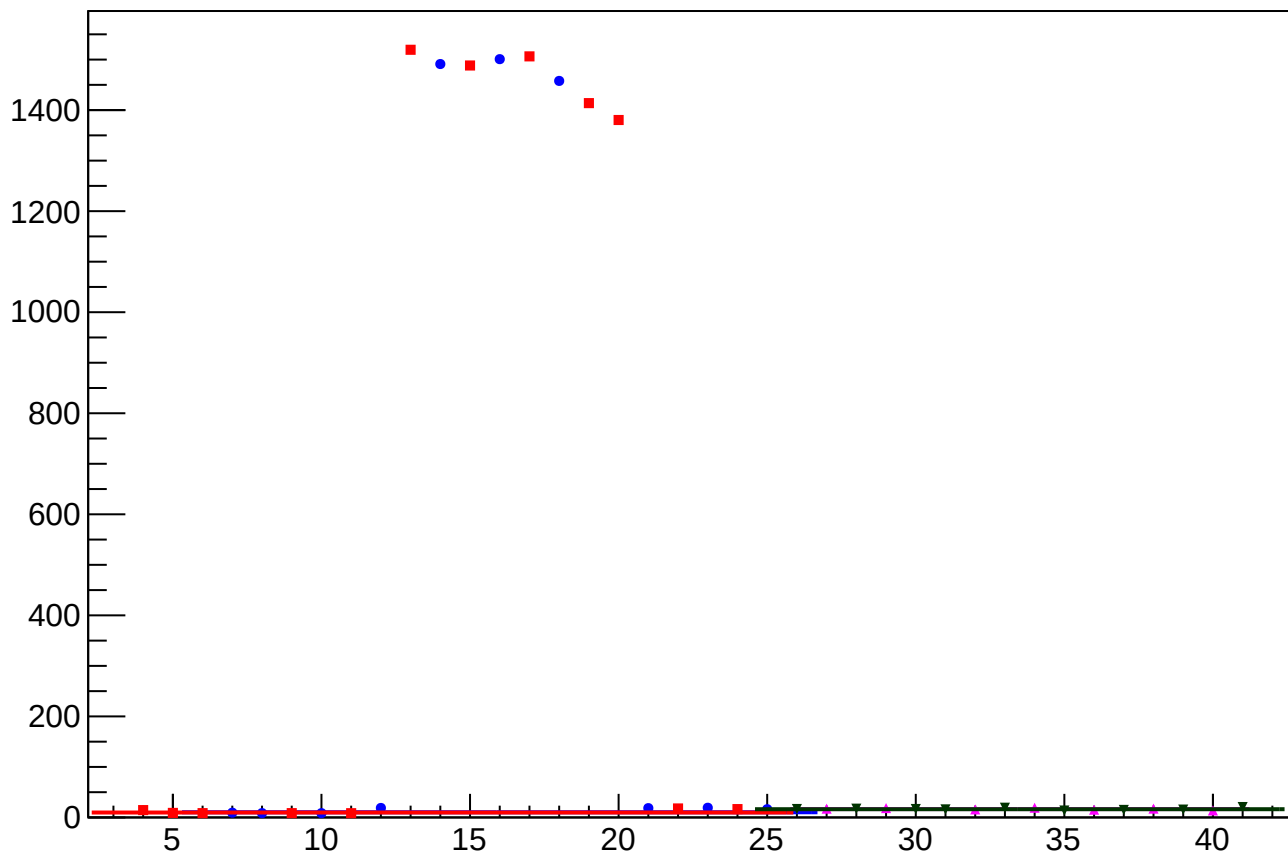
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 14.699+/-8.065 χ^2/NDF : 6.9/6

2.293+/-4.524 χ^2/NDF : 24.5/18

3.956+/-4.466 χ^2/NDF : 11.6/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 10.298+/-0.004 χ^2/NDF : 5515958.7/9

Left Out: 16.326+/-0.005 χ^2/NDF : 117127.3/8

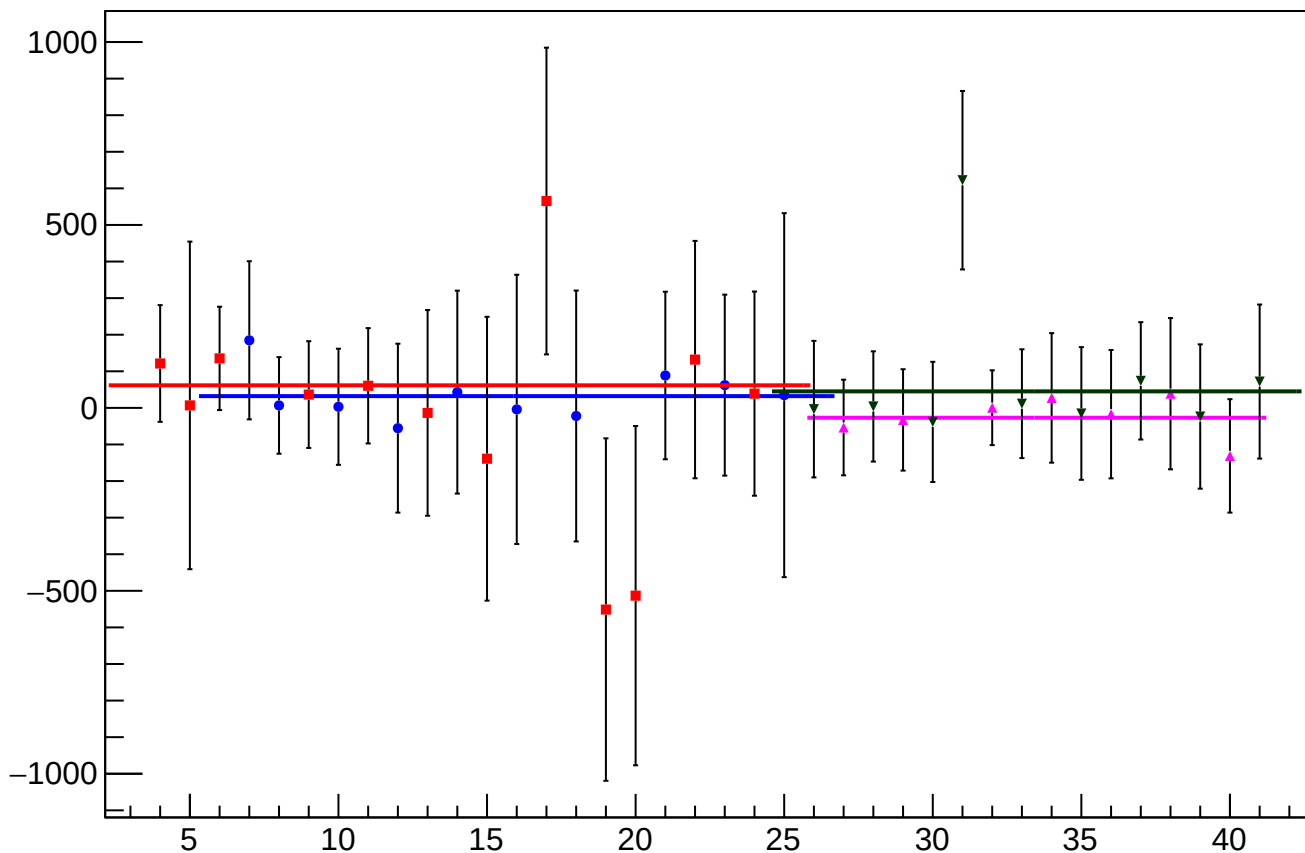
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 16.601+/-0.006 χ^2/NDF : 86319.3/6

12.387+/-0.003 χ^2/NDF : 6437017.5/18

11.861+/-0.003 χ^2/NDF : 7091654.4/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 32.145+/-69.741 χ^2/NDF : 0.8/9

Left Out: 45.126+/-58.788 χ^2/NDF : 6.3/8

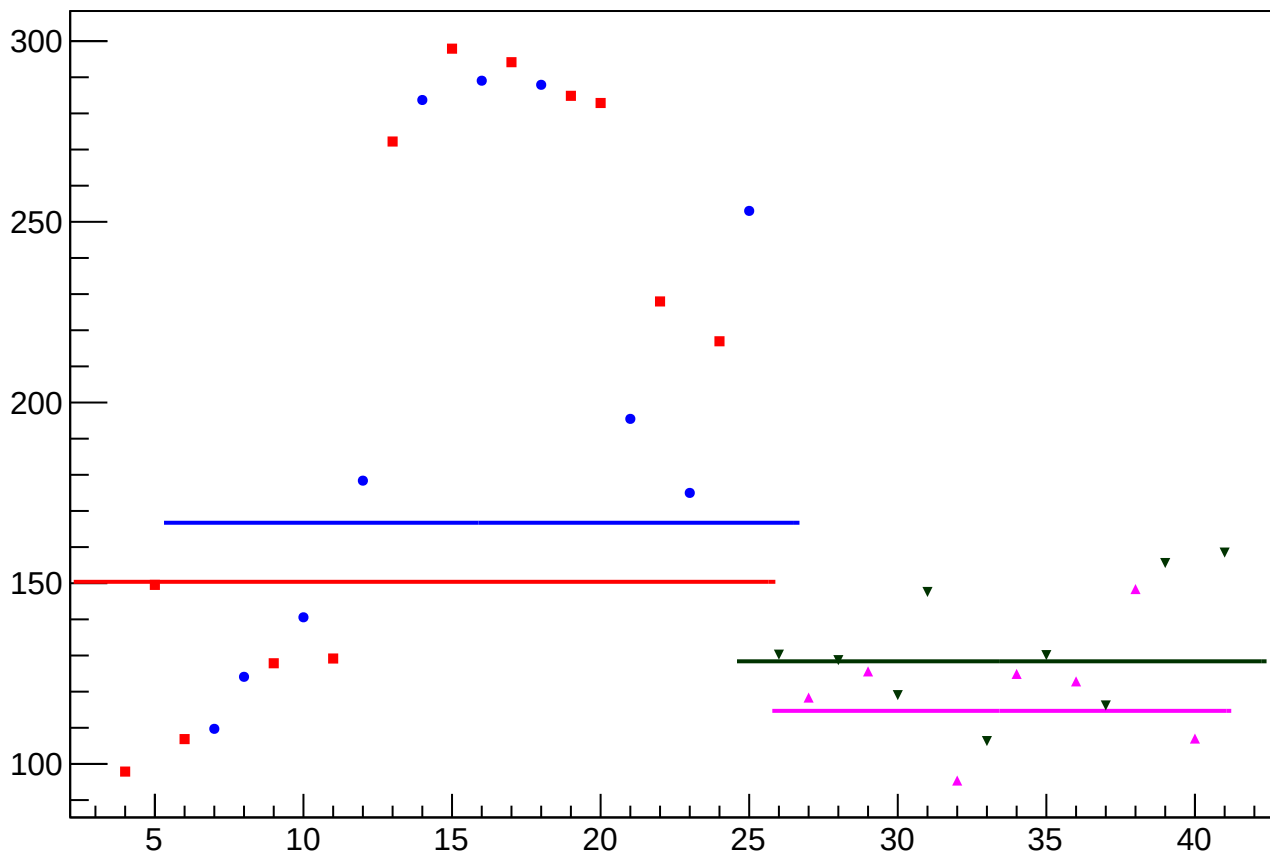
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -26.945+/-54.579 χ^2/NDF : 0.8/6

39.734+/-44.949 χ^2/NDF : 7.2/18

9.847+/-41.743 χ^2/NDF : 7.4/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 166.735 $\pm$ 0.049 χ^2 /NDF: 1327603.0/9

Left Out: 128.396 $\pm$ 0.042 χ^2 /NDF:153729.3/8

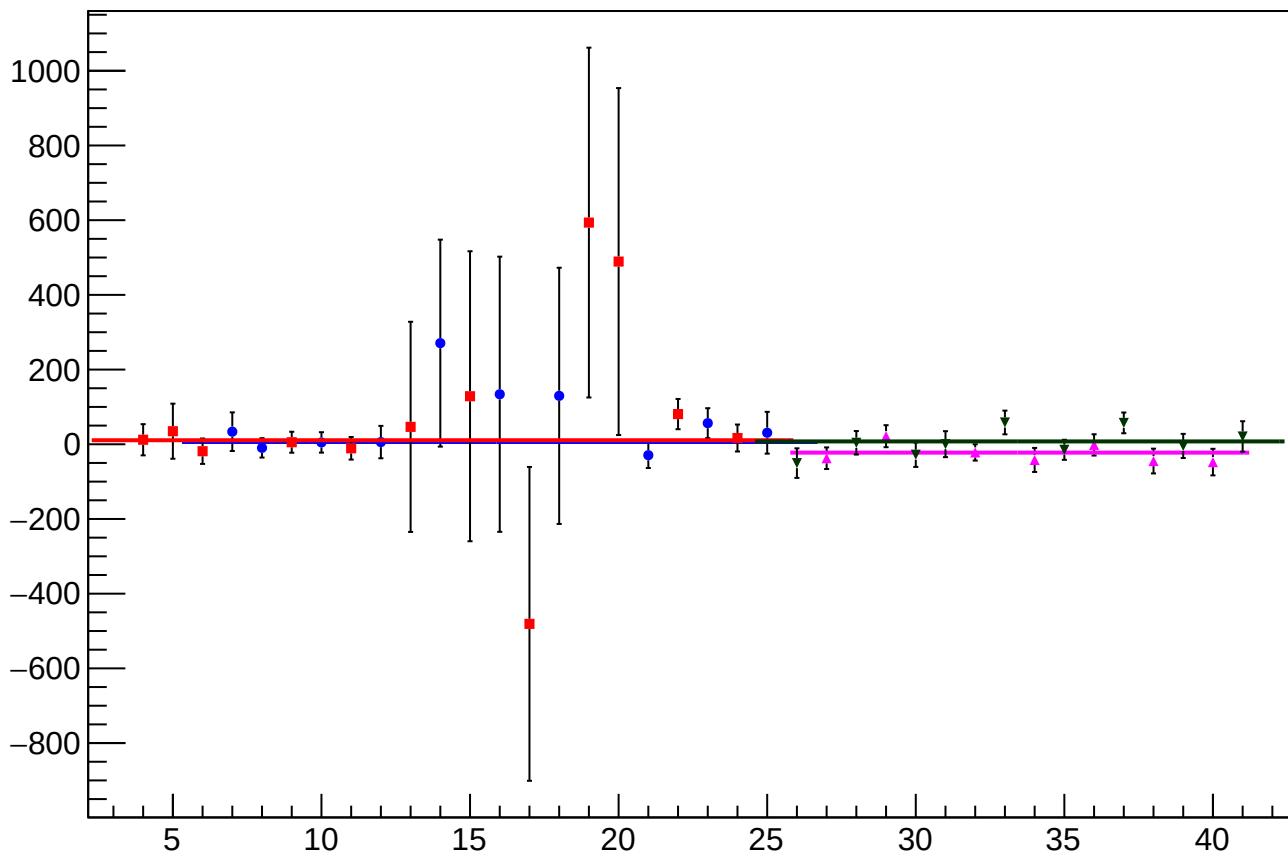
144.322 $\pm$ 0.032 χ^2 /NDF: 1834679.6/18

Right Out: 150.393 $\pm$ 0.046 χ^2 /NDF: 1947233.7/11

129.507 $\pm$ 0.030 χ^2 /NDF: 2456659.9/18

Left In: 114.687 $\pm$ 0.039 χ^2 /NDF:154164.5/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 6.162 $\pm$ 13.425 χ^2 /NDF: 4.7/9

Left Out: 7.637 $\pm$ 10.756 χ^2 /NDF:10.1/8

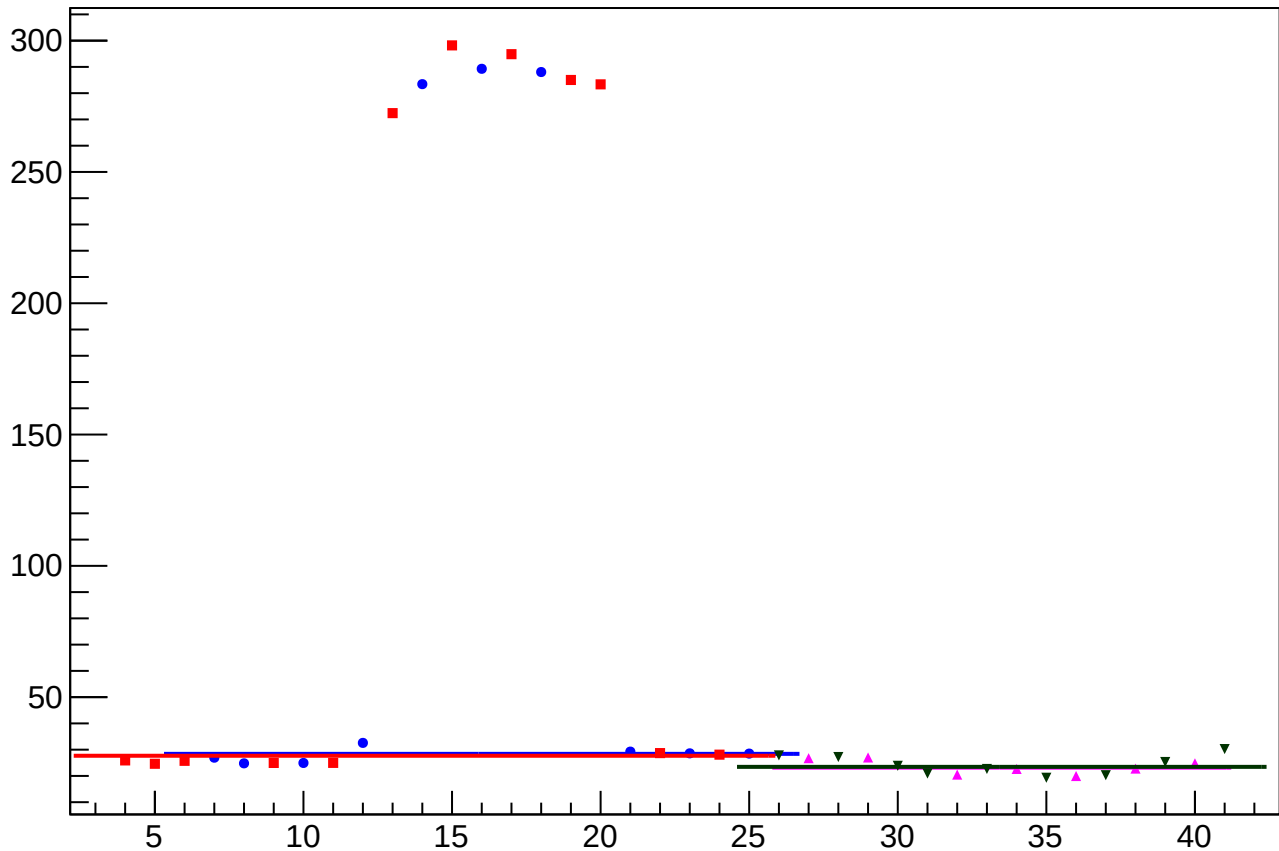
7.061 $\pm$ 8.394 χ^2 /NDF: 14.8/18

Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

-9.335 $\pm$ 8.530 χ^2 /NDF: 16.5/18

Left In: -22.361 $\pm$ 10.948 χ^2 /NDF:4.4/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 28.406+/-0.009 χ^2/NDF : 3936040.7/9

Left Out: 23.454+/-0.008 χ^2/NDF : 200445.8/8

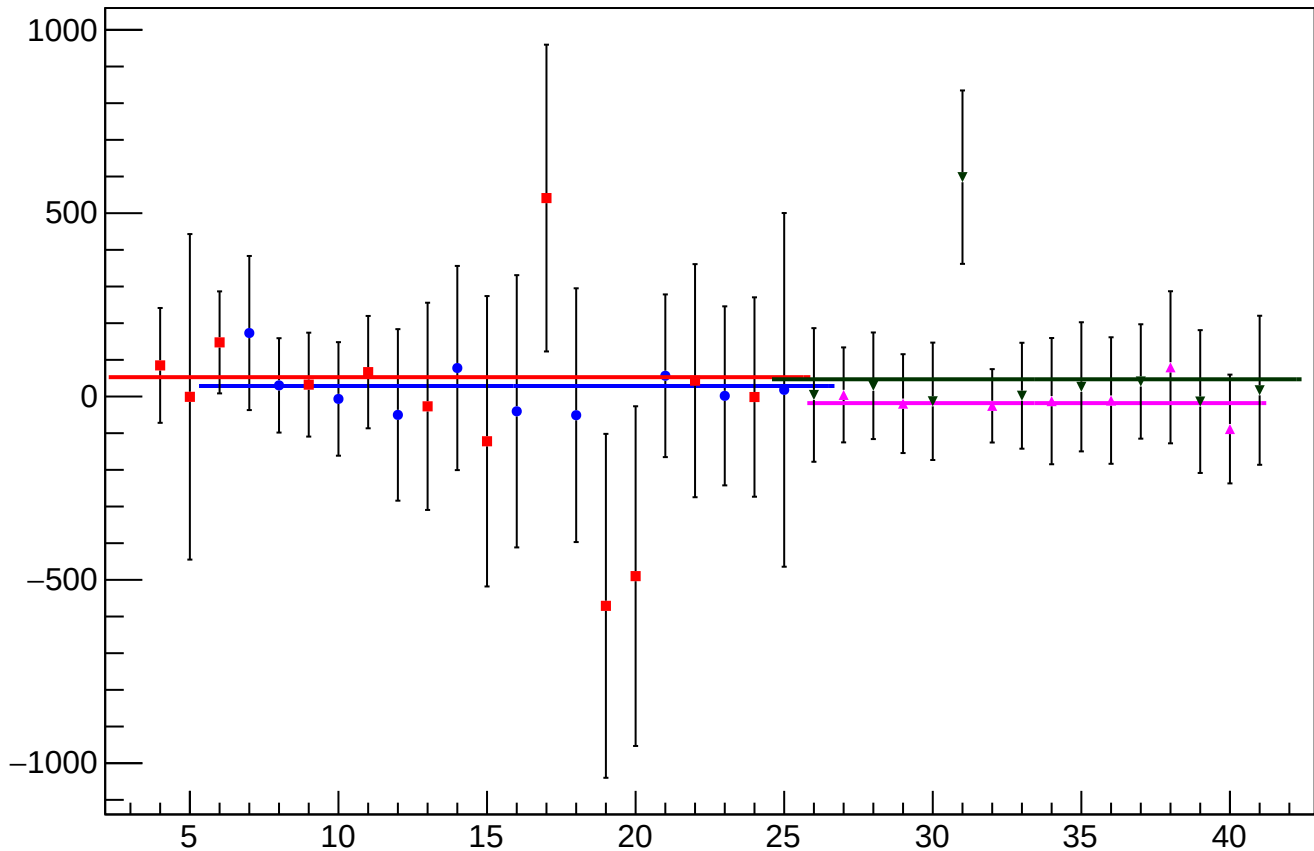
25.390+/-0.006 χ^2/NDF : 4302261.8/18

Right Out: 27.683+/-0.010 χ^2/NDF : 4553149.3/11

24.920+/-0.006 χ^2/NDF : 4813856.7/18

Left In: 23.133+/-0.008 χ^2/NDF : 125001.3/6

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 28.697+/-68.531 χ^2/NDF : 0.8/9

Left Out: 47.026+/-57.148 χ^2/NDF : 5.9/8

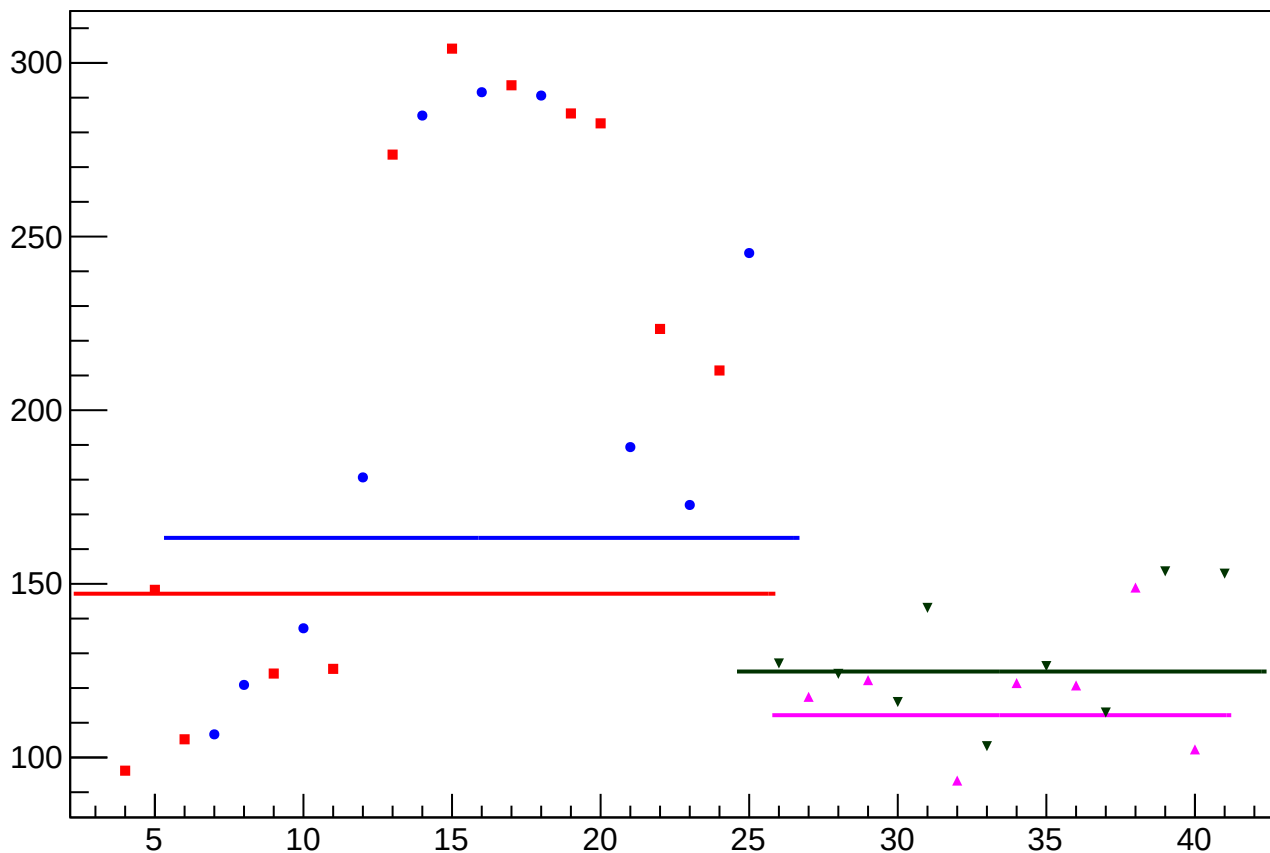
39.508+/-43.890 χ^2/NDF : 6.7/18

Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

11.285+/-40.904 χ^2/NDF : 6.6/18

Left In: -17.978+/-53.413 χ^2/NDF : 0.5/6

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.238+/-0.048 χ^2/NDF : 1409159.9/9

Left Out: 124.754+/-0.040 χ^2/NDF :156636.4/8

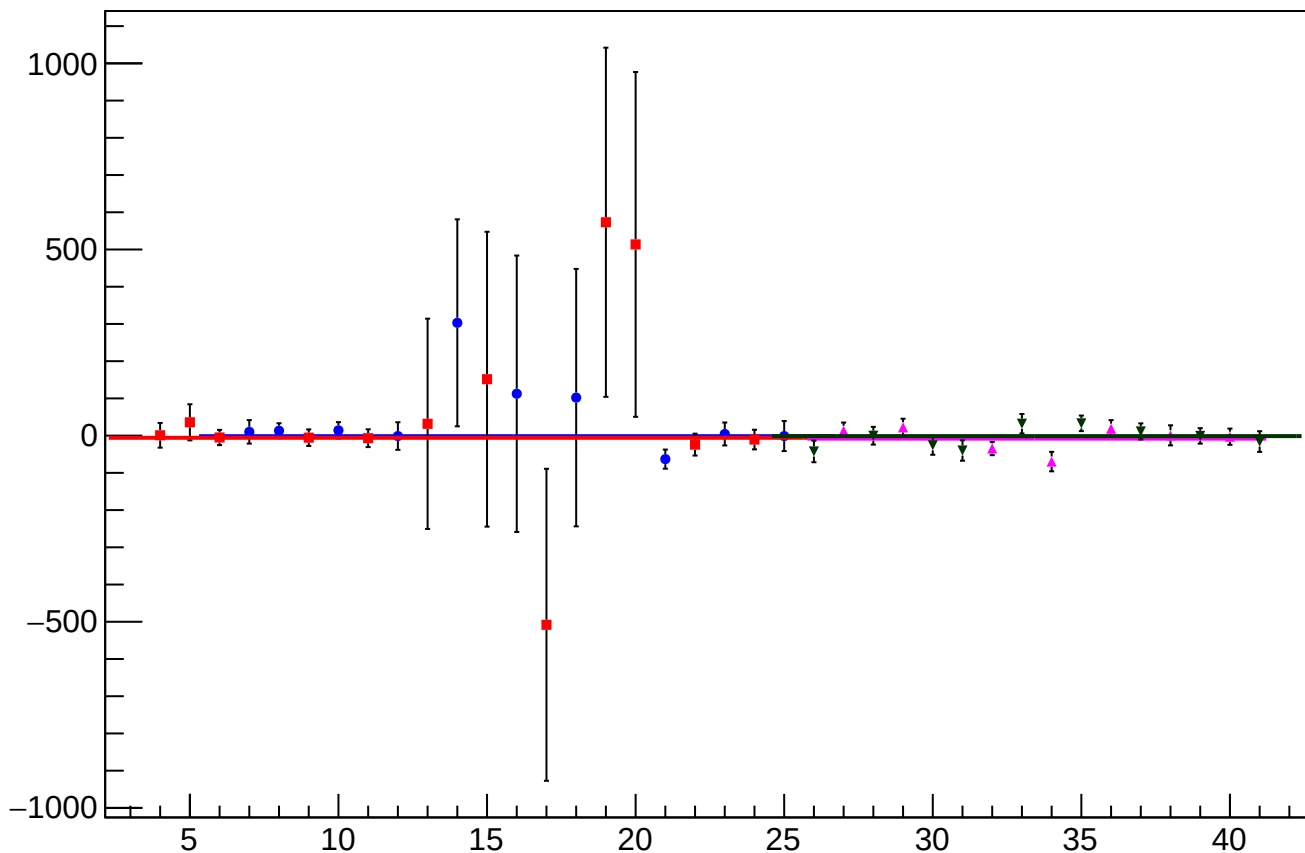
140.539+/-0.031 χ^2/NDF : 1937799.7/18

Right Out: 147.160+/-0.045 χ^2/NDF : 2017224.8/11

126.644+/-0.029 χ^2/NDF : 2539643.6/18

Left In: 112.178+/-0.038 χ^2/NDF :167645.2/6

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.518+/-10.249 χ^2/NDF : 8.4/9

Left Out: -1.296+/-8.079 χ^2/NDF : 9.9/8

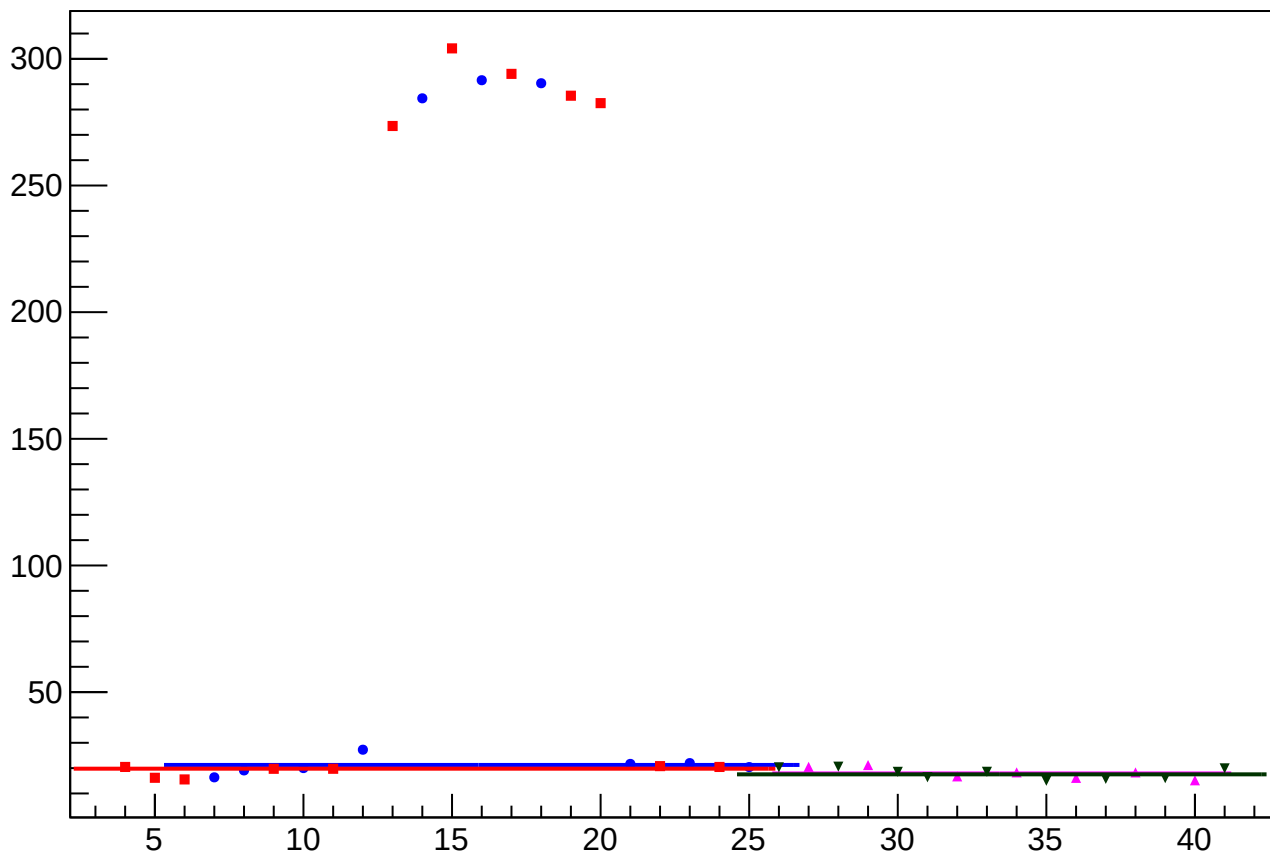
Right Out: -5.806+/-9.942 χ^2/NDF : 5.6/11

Left In: -8.098+/-8.508 χ^2/NDF : 11.8/6

-1.381+/-6.345 χ^2/NDF : 18.2/18

-7.129+/-6.464 χ^2/NDF : 17.4/18

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.255+/-0.007 χ^2/NDF : 4196684.5/9

Left Out: 17.546+/-0.006 χ^2/NDF :128442.9/8

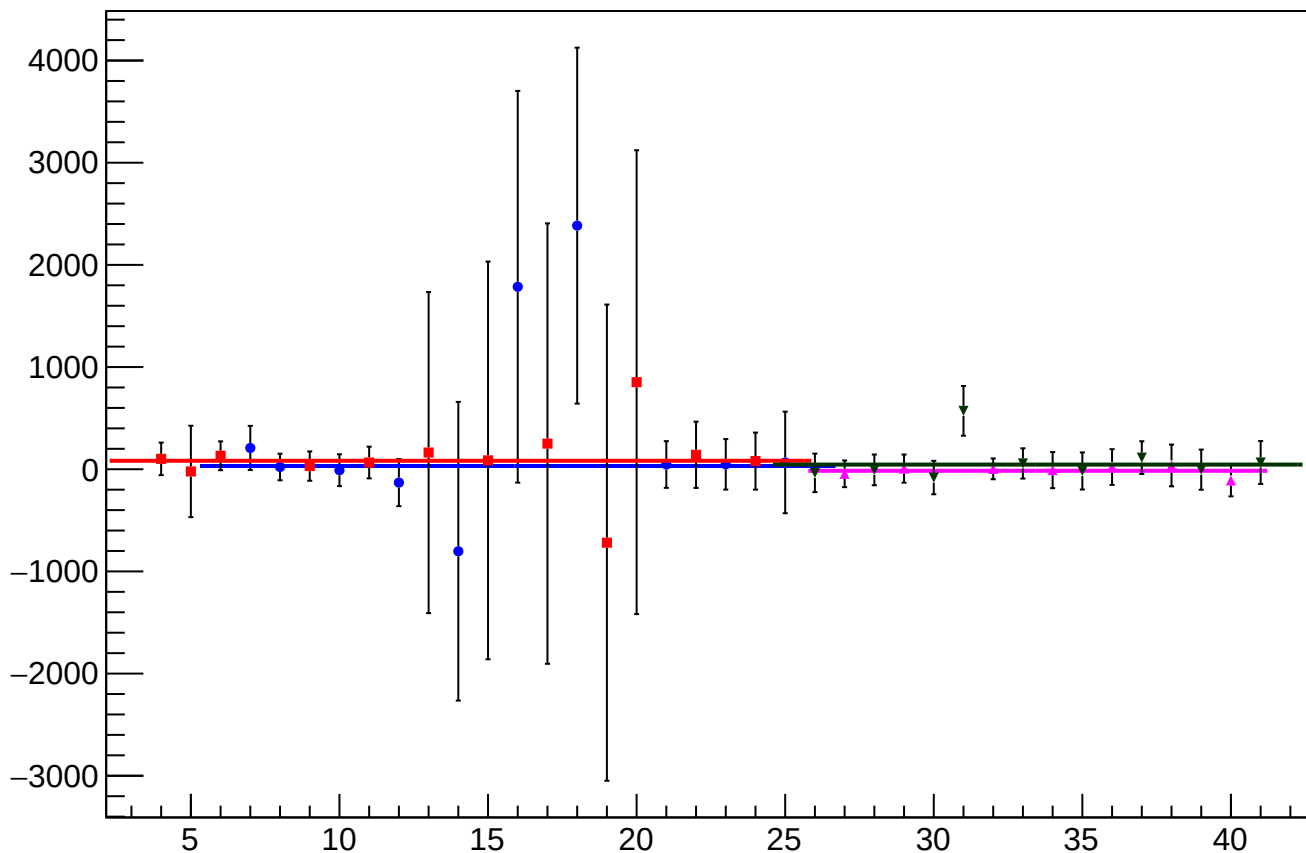
Right Out: 19.779+/-0.007 χ^2/NDF : 4888350.3/11

Left In: 17.906+/-0.006 χ^2/NDF :120043.7/6

18.967+/-0.004 χ^2/NDF : 4486722.9/18

18.698+/-0.005 χ^2/NDF : 5049372.7/18

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 31.584+/-74.262 χ^2/NDF : 4.2/9

Left Out: 45.554+/-58.713 χ^2/NDF : 6.0/8

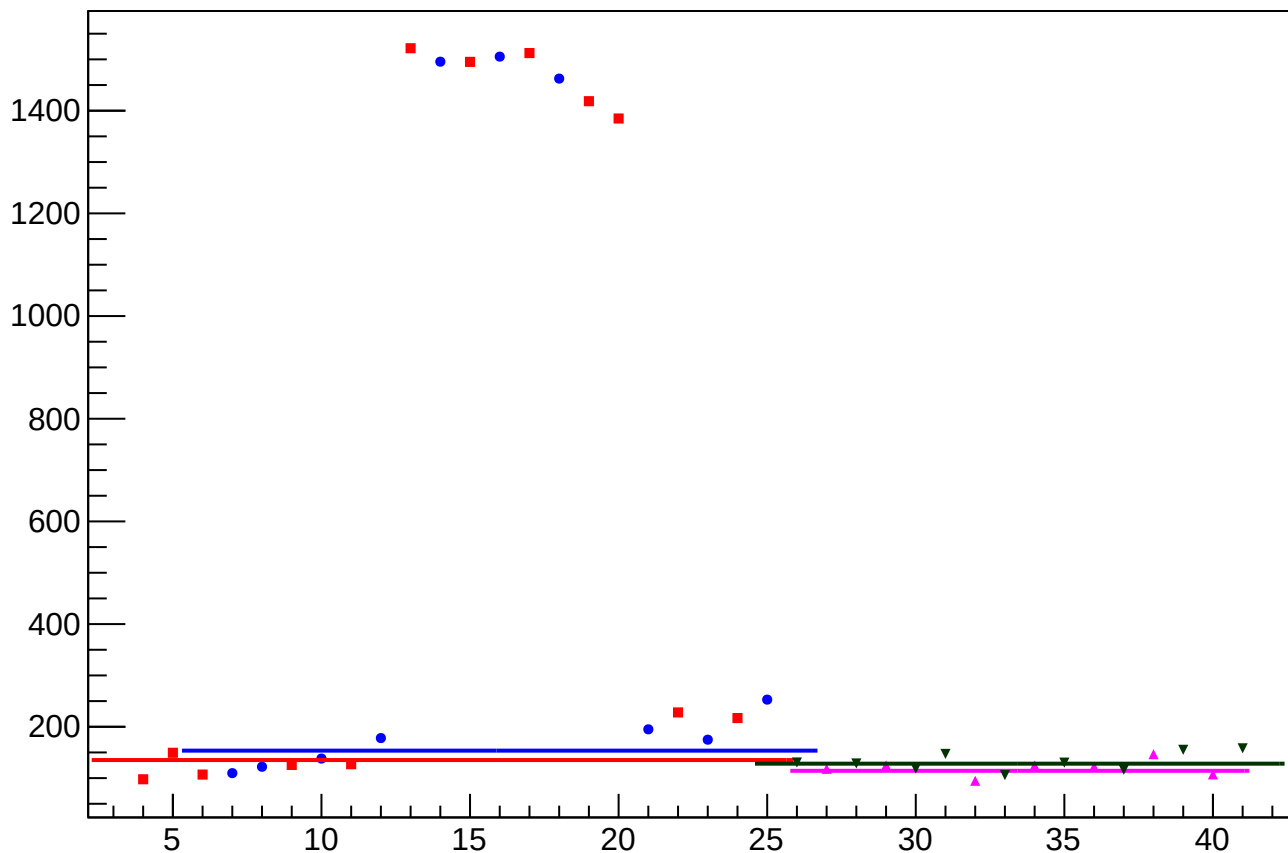
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -15.385+/-54.361 χ^2/NDF : 0.6/6

40.180+/-46.057 χ^2/NDF : 10.2/18

22.074+/-42.765 χ^2/NDF : 2.4/18

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 153.522+/-0.053 χ^2/NDF : 4212358.6/9

Left Out: 128.127+/-0.042 χ^2/NDF :154631.2/8

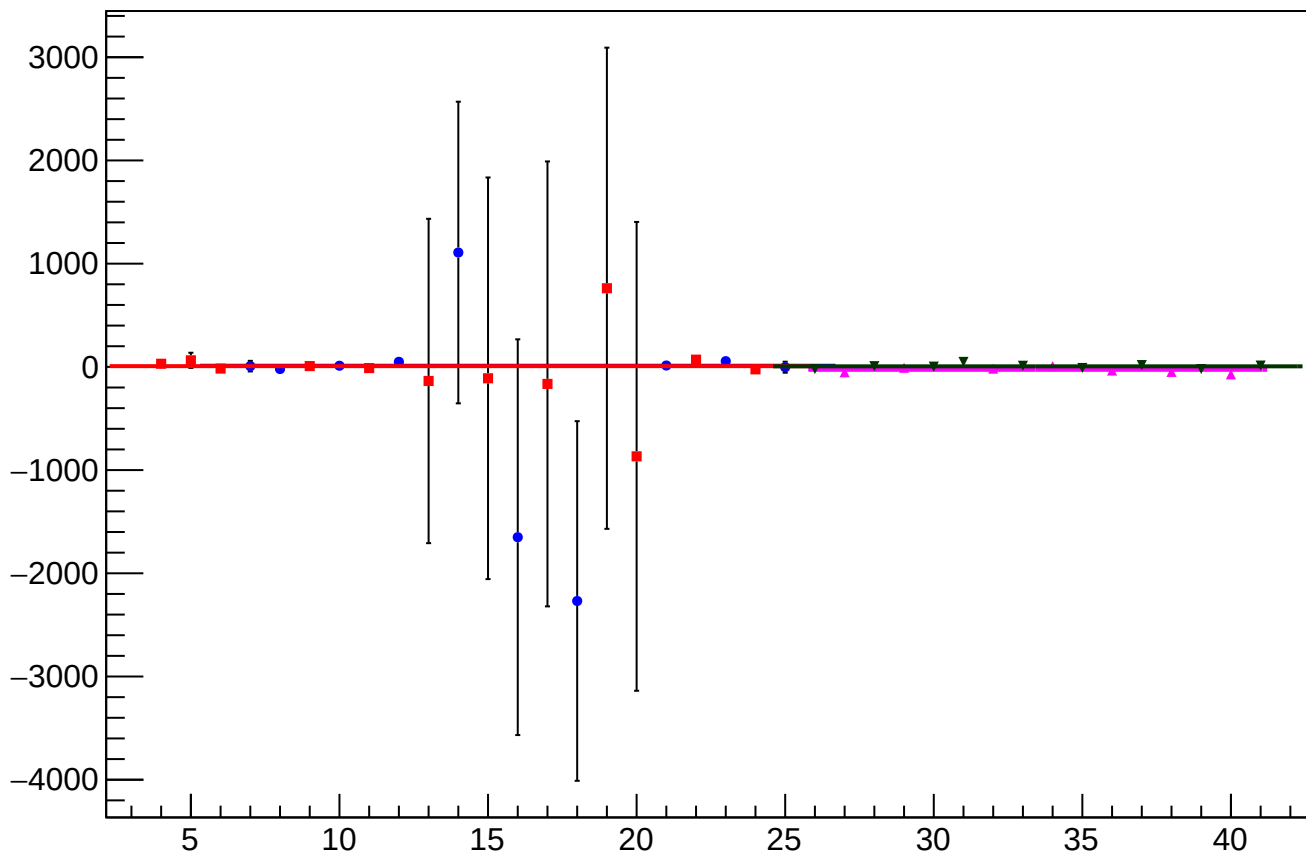
Right Out: 135.194+/-0.049 χ^2/NDF : 5104872.2/11

Left In: 114.224+/-0.038 χ^2/NDF :151969.4/6

137.895+/-0.033 χ^2/NDF : 4510904.8/18

122.216+/-0.030 χ^2/NDF : 5370268.3/18

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 10.773+/-13.060 χ^2/NDF : 6.8/9

Left Out: 5.142+/-10.151 χ^2/NDF : 3.6/8

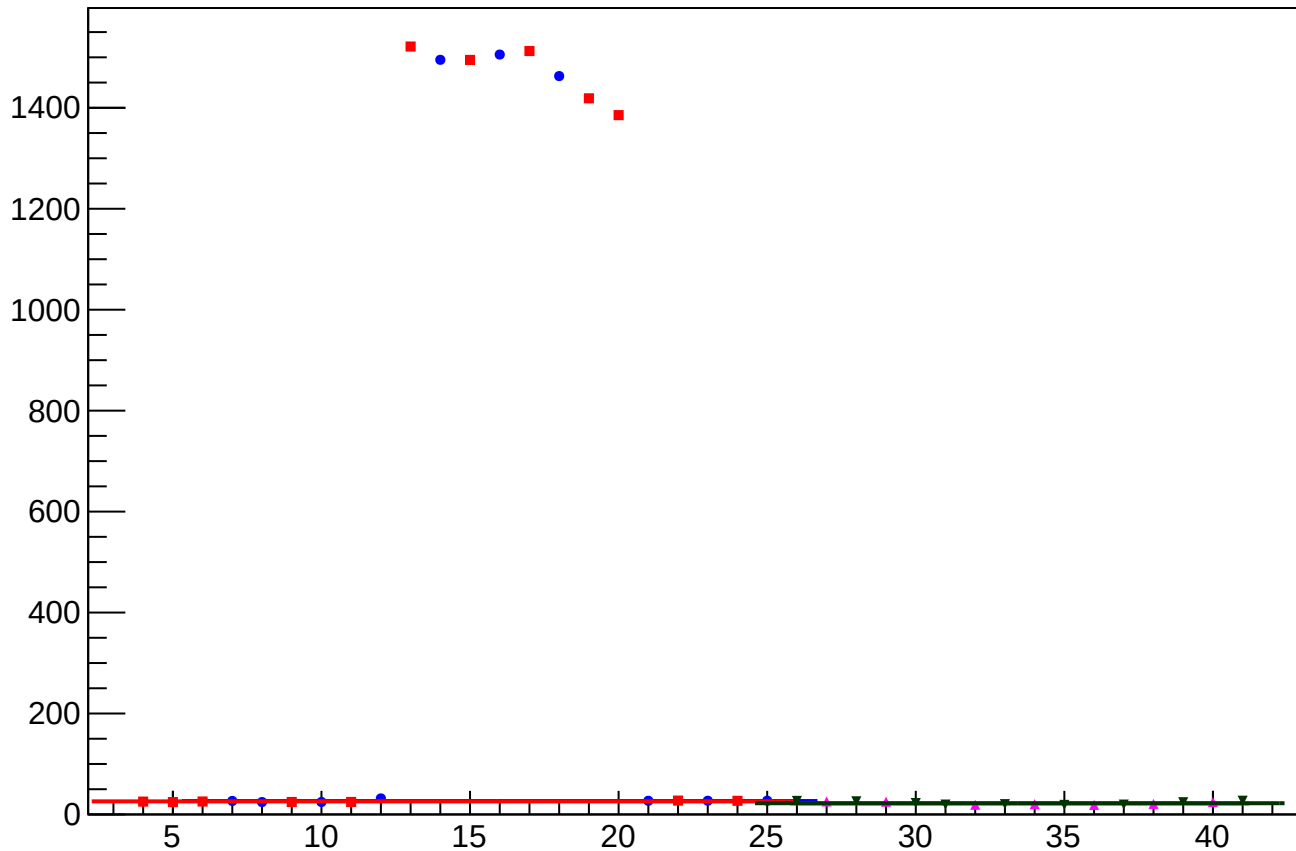
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -28.496+/-10.218 χ^2/NDF : 5.2/6

7.263+/-8.015 χ^2/NDF : 10.5/18

-15.476+/-8.128 χ^2/NDF : 15.2/18

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 26.593+/-0.009 χ^2/NDF : 4623998.2/9

Left Out: 22.256+/-0.007 χ^2/NDF :180099.6/8

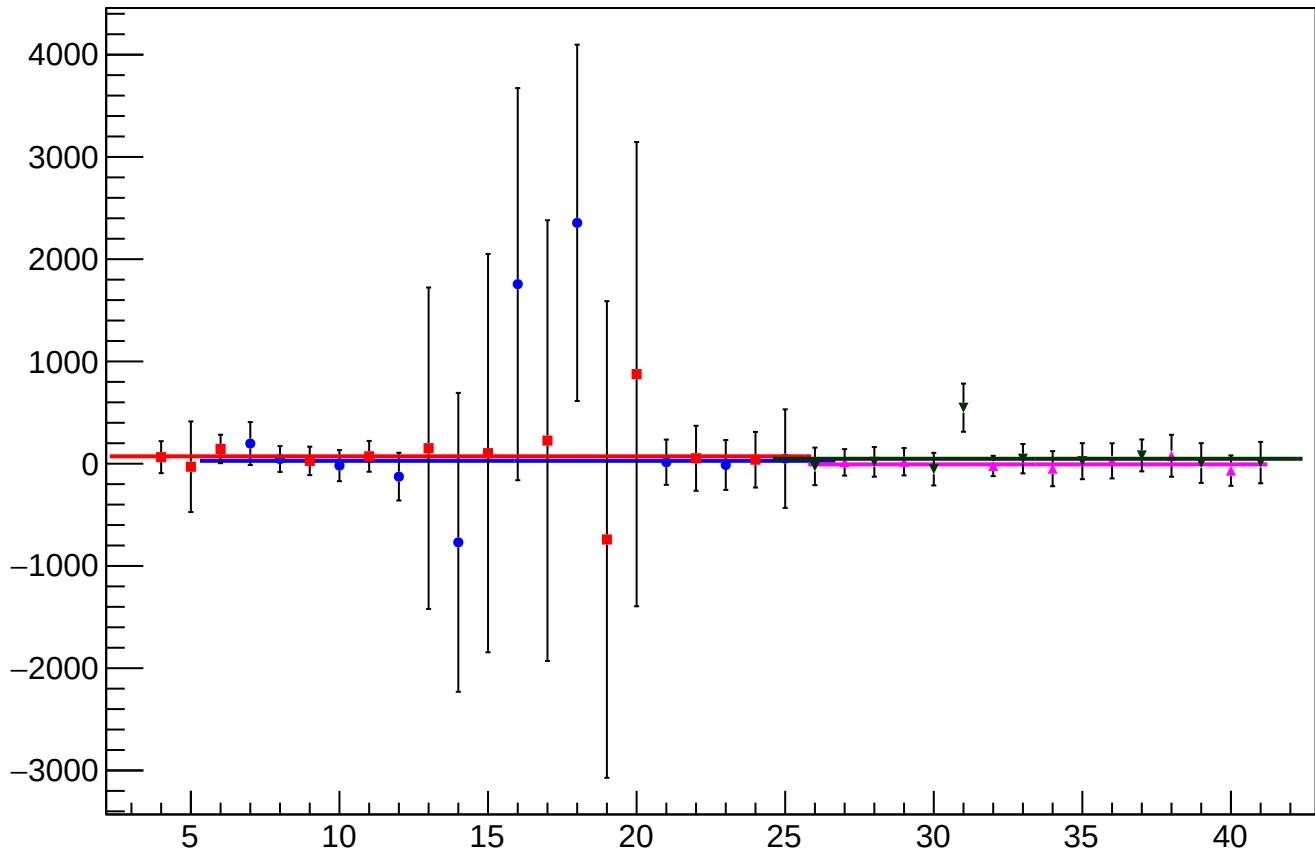
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 21.703+/-0.007 χ^2/NDF :145352.3/6

23.889+/-0.006 χ^2/NDF : 4941580.1/18

23.261+/-0.006 χ^2/NDF : 5618822.7/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 28.299+/-72.672 χ^2/NDF : 4.1/9

Left Out: 48.053+/-57.066 χ^2/NDF : 5.2/8

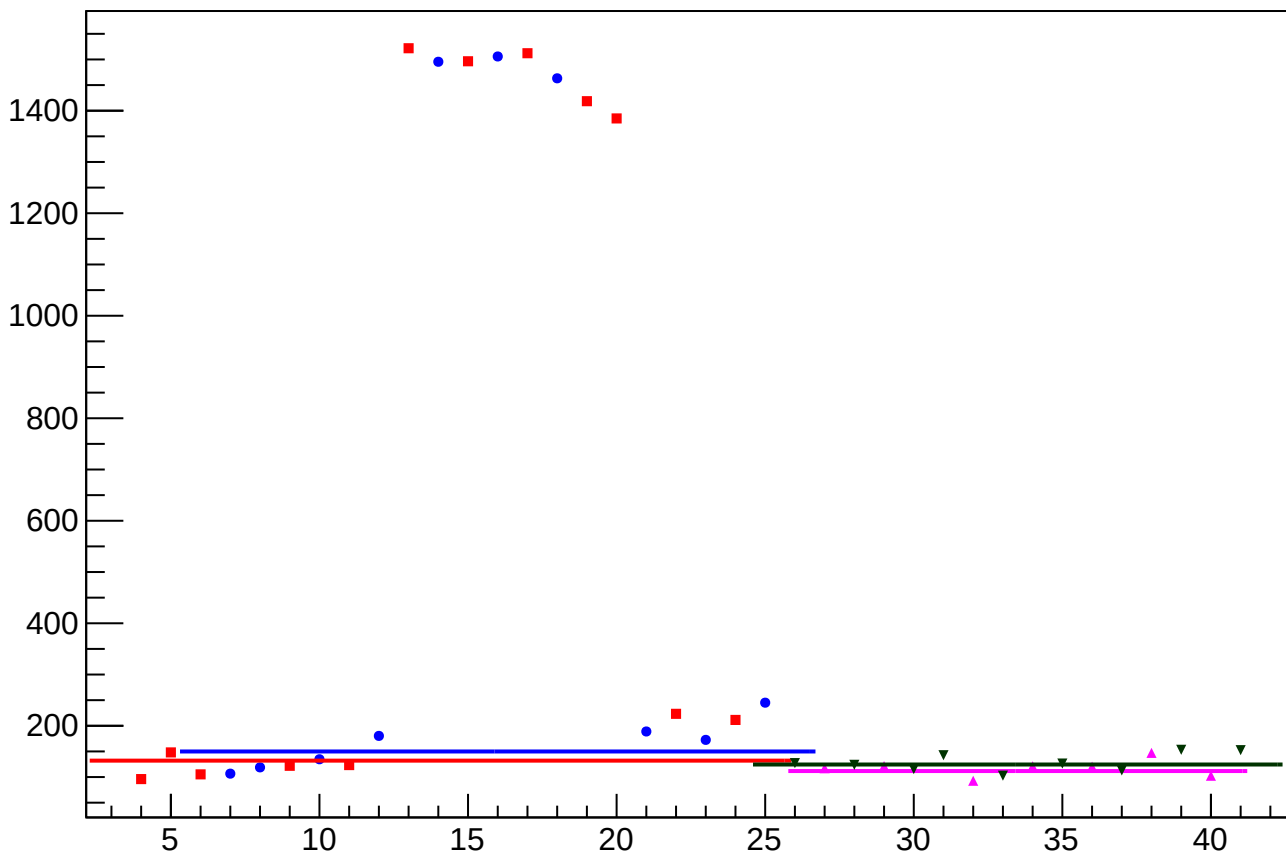
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: -6.696+/-53.193 χ^2/NDF : 0.5/6

40.518+/-44.882 χ^2/NDF : 9.4/18

23.347+/-41.830 χ^2/NDF : 2.1/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 149.902 $\pm$ 0.051 χ^2 /NDF: 4247419.3/9

Left Out: 124.476 $\pm$ 0.040 χ^2 /NDF: 157658.4/8

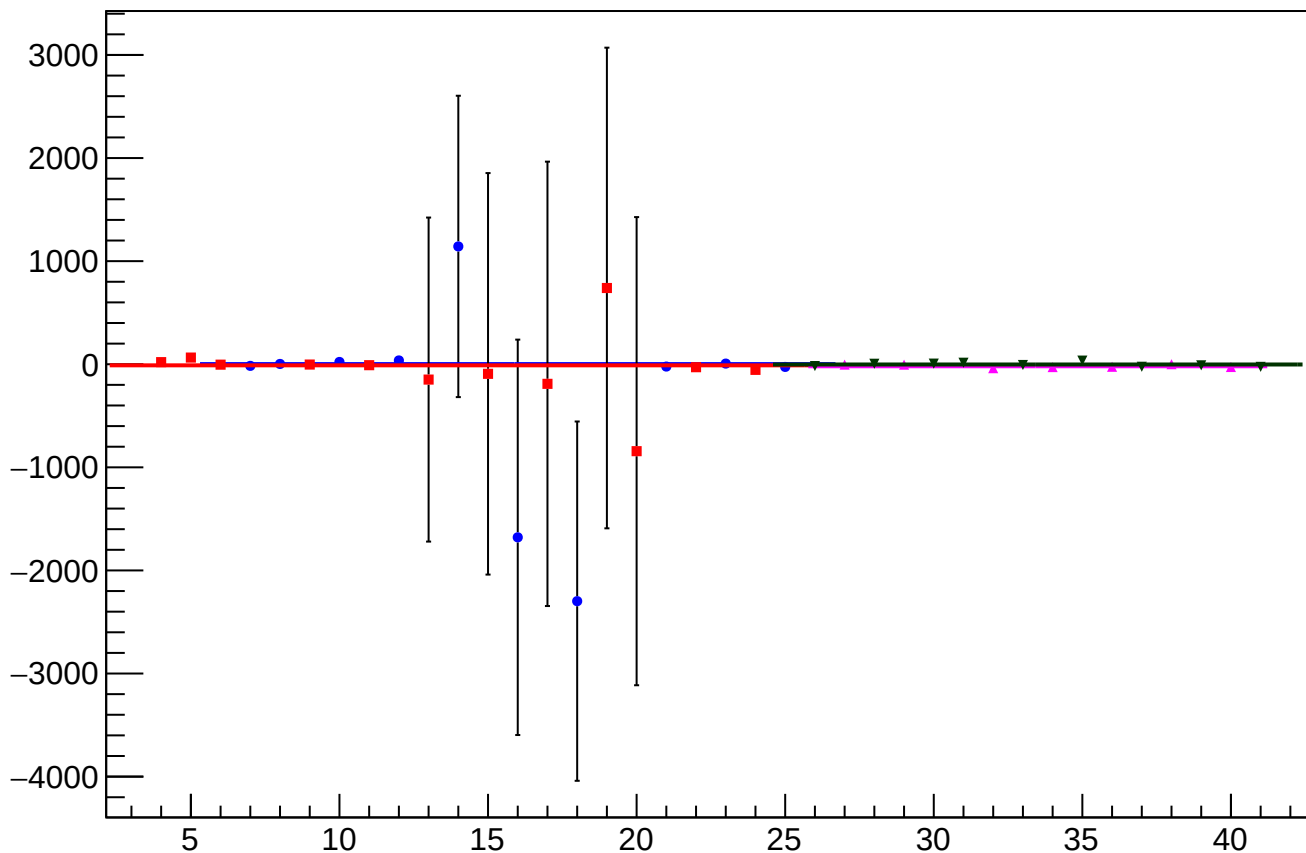
134.174 $\pm$ 0.032 χ^2 /NDF: 4556514.0/18

Right Out: 132.035 $\pm$ 0.048 χ^2 /NDF: 5119688.9/11

119.468 $\pm$ 0.030 χ^2 /NDF: 5396434.9/18

Left In: 111.713 $\pm$ 0.038 χ^2 /NDF: 165355.3/6

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: 1.423+/-9.681 χ^2/NDF : 7.1/9

Left Out: -2.396+/-7.423 χ^2/NDF : 6.8/8

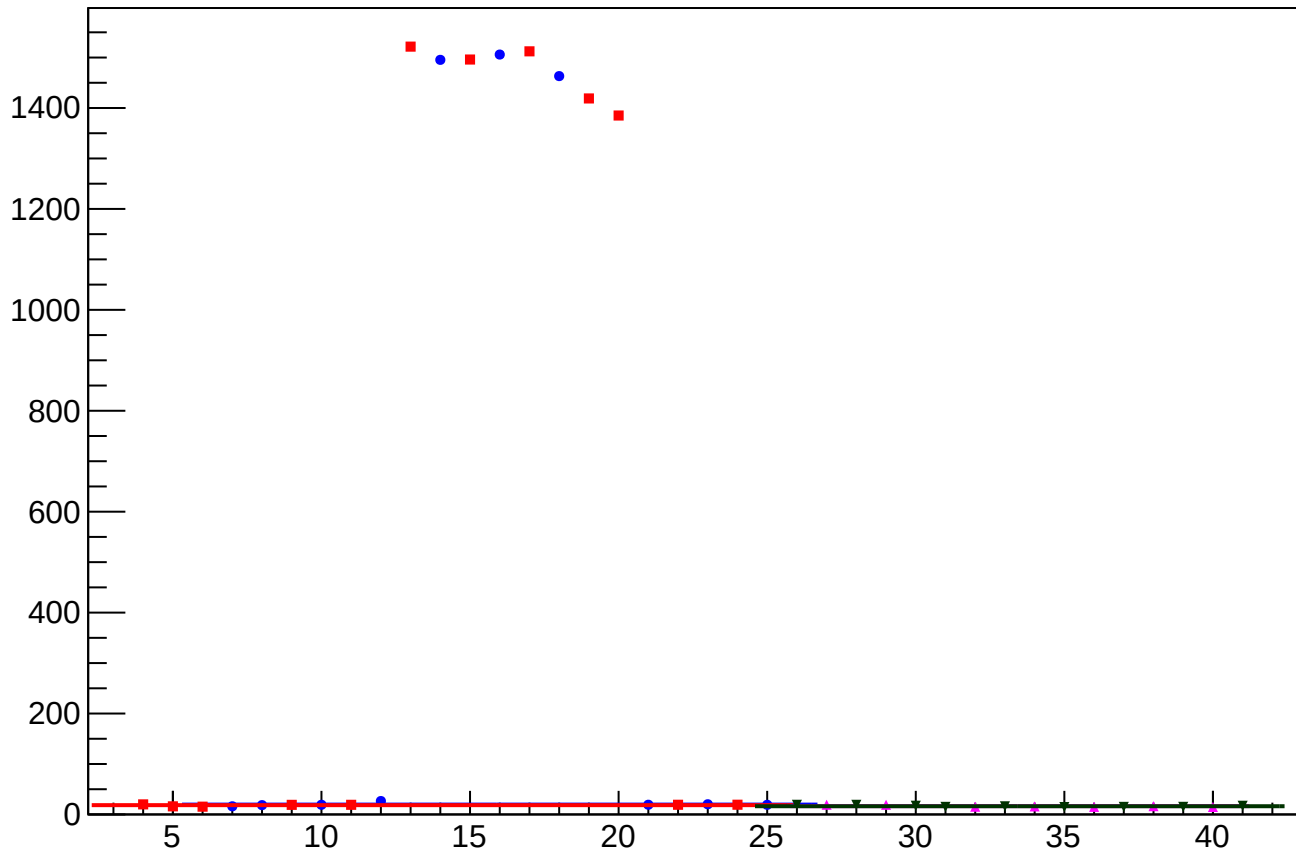
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

Left In: -19.704+/-7.764 χ^2/NDF : 3.5/6

-0.982+/-5.891 χ^2/NDF : 14.0/18

-16.084+/-6.038 χ^2/NDF : 11.5/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 19.527+/-0.007 χ^2/NDF : 4722121.9/9

Left Out: 16.308+/-0.005 χ^2/NDF : 94358.8/8

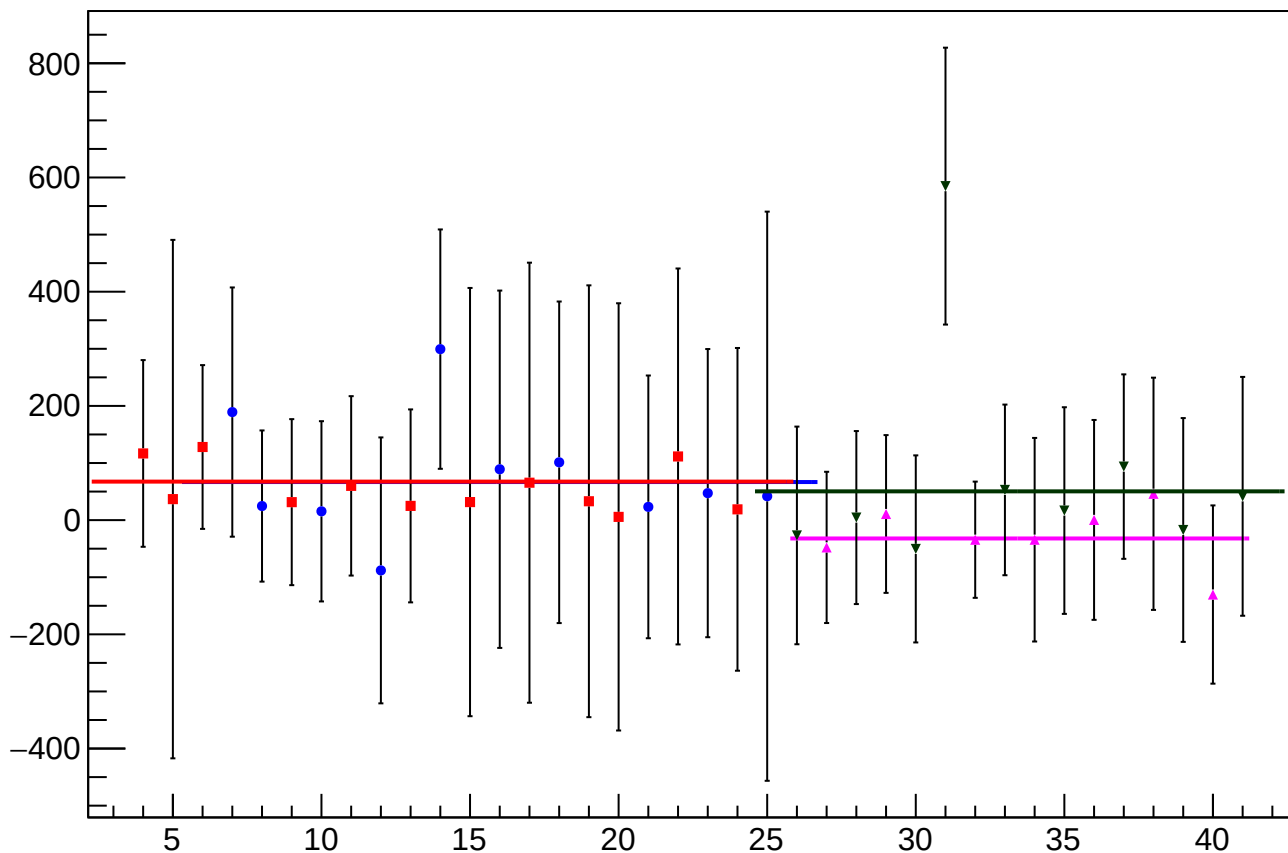
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 16.530+/-0.005 χ^2/NDF : 98055.2/6

17.500+/-0.004 χ^2/NDF : 4955725.3/18

17.286+/-0.004 χ^2/NDF : 5595017.1/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 66.691+/-67.281 χ^2/NDF : 2.3/9

Left Out: 50.382+/-58.928 χ^2/NDF : 5.7/8

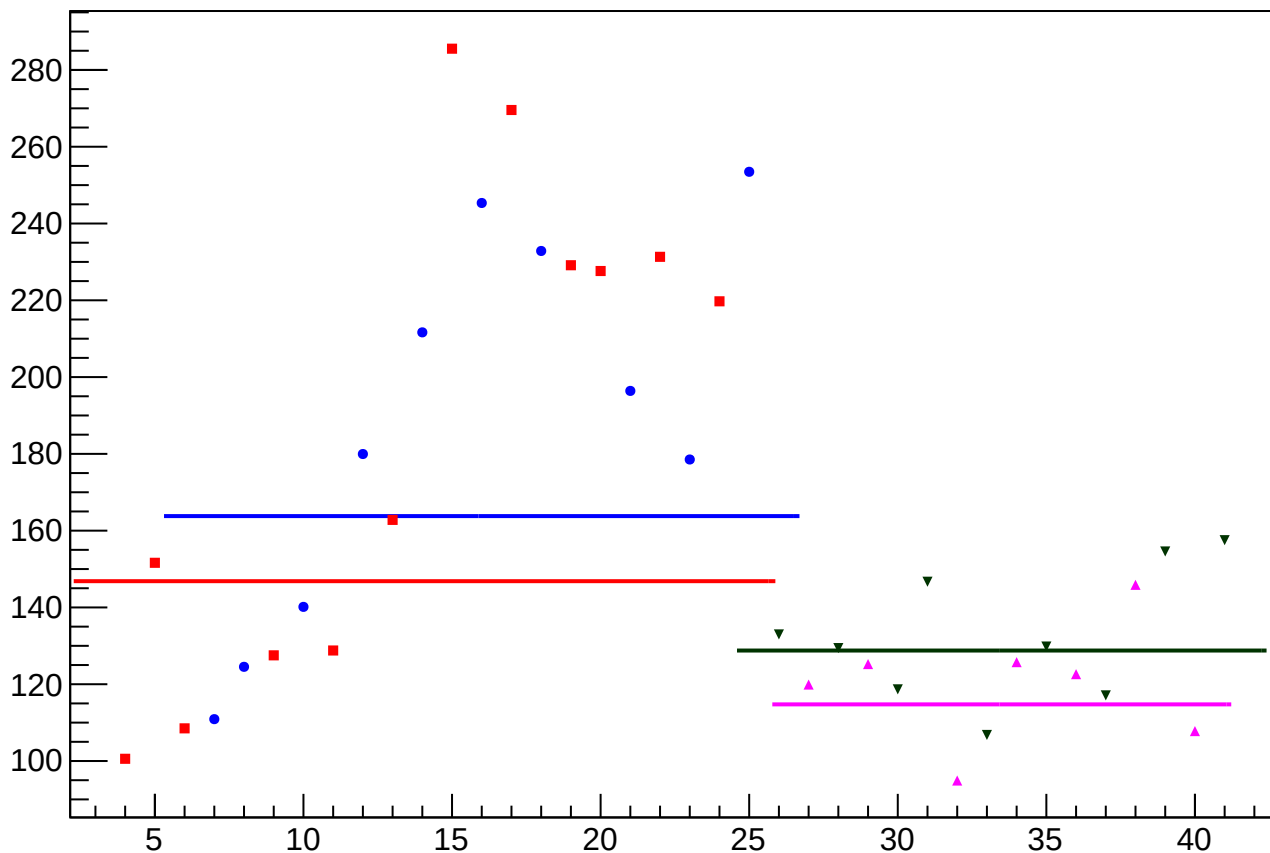
Right Out: 67.441+/-61.599 χ^2/NDF : 0.5/11

Left In: -32.131+/-54.606 χ^2/NDF : 0.7/6

57.461+/-44.329 χ^2/NDF : 8.0/18

11.685+/-40.862 χ^2/NDF : 2.6/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 163.792+/-0.048 χ^2/NDF : 820296.7/9

Left Out: 128.776+/-0.042 χ^2/NDF :145841.9/8

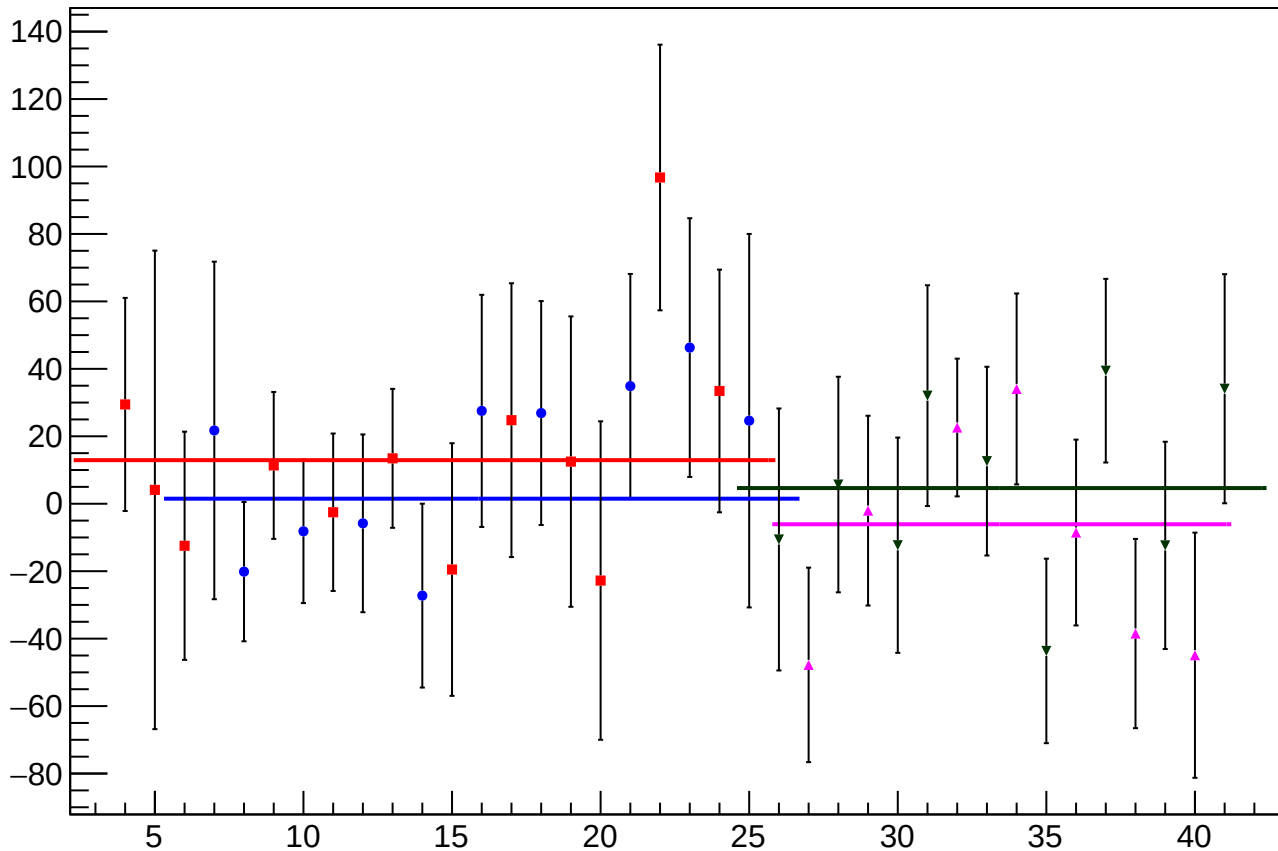
143.977+/-0.031 χ^2/NDF : 1272711.3/18

Right Out: 146.841+/-0.044 χ^2/NDF : 1312358.0/11

128.872+/-0.029 χ^2/NDF : 1769410.5/18

Left In: 114.751+/-0.039 χ^2/NDF :153127.1/6

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 1.499 ± 9.367 χ^2/NDF : 6.4/9

Left Out: 4.649 ± 10.290 χ^2/NDF : 7.0/8

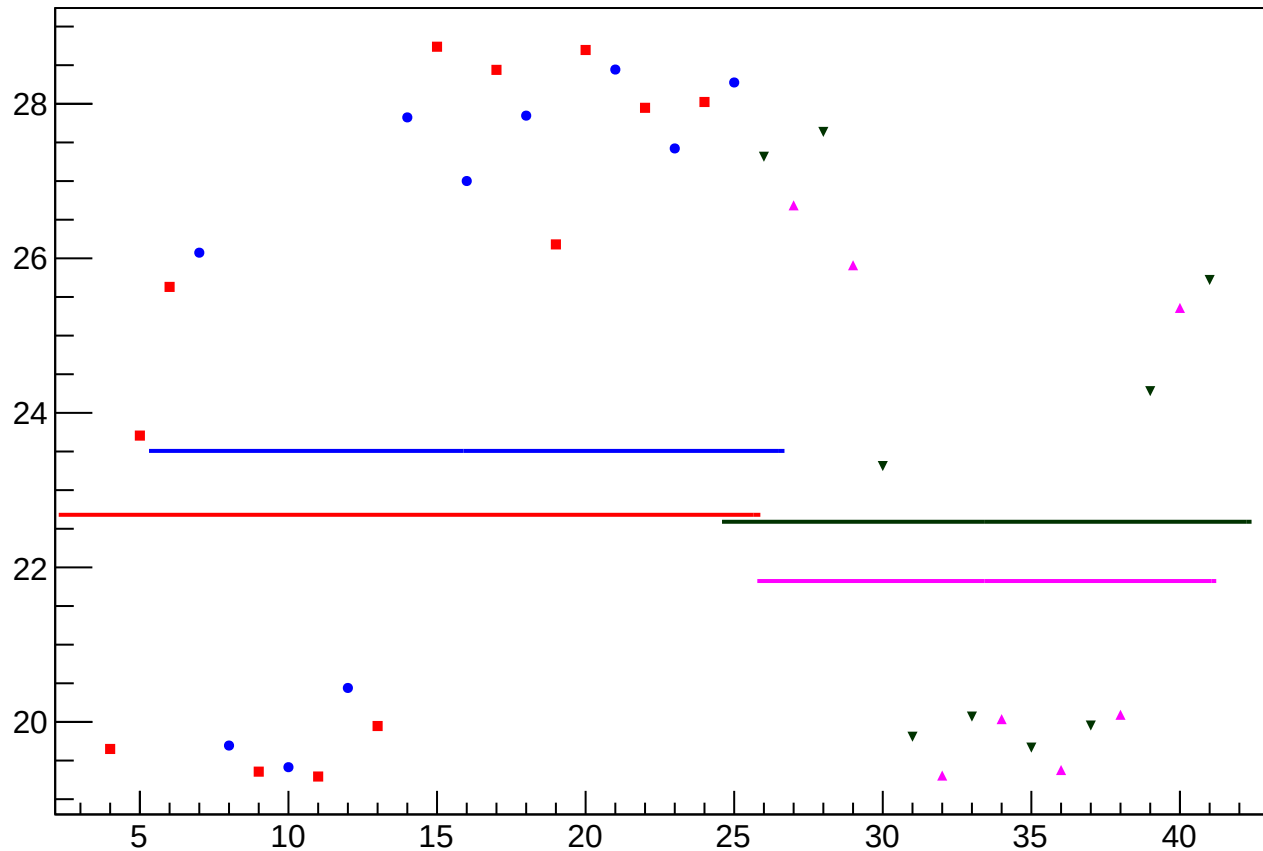
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: -6.084 ± 10.284 χ^2/NDF : 8.6/6

2.926 ± 6.927 χ^2/NDF : 13.4/18

4.583 ± 6.811 χ^2/NDF : 18.0/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.508+/-0.007 χ^2/NDF : 359166.3/9

Left Out: 22.591+/-0.007 χ^2/NDF : 175765.5/8

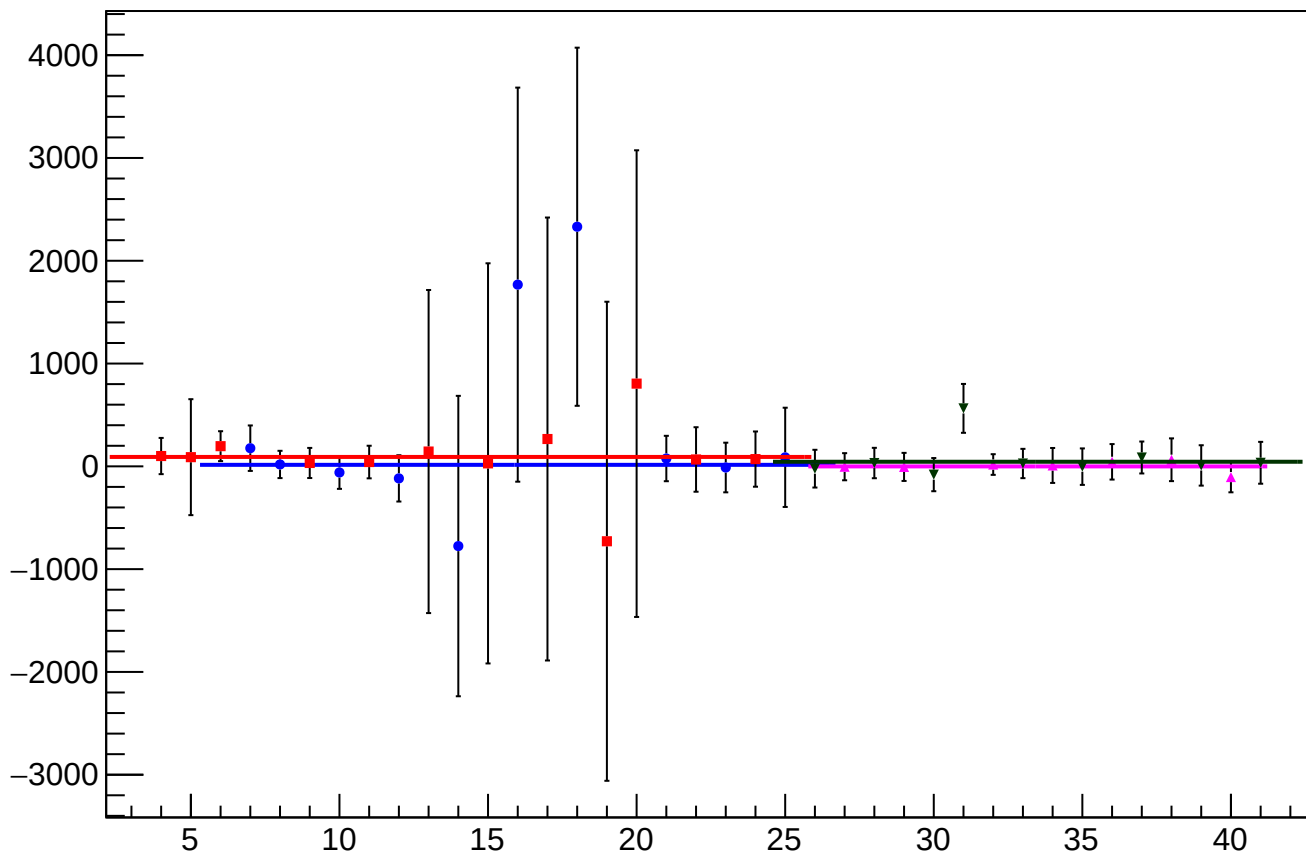
23.092+/-0.005 χ^2/NDF : 543618.0/18

Right Out: 22.681+/-0.006 χ^2/NDF : 376081.4/11

22.305+/-0.005 χ^2/NDF : 563631.3/18

Left In: 21.824+/-0.007 χ^2/NDF : 179750.9/6

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 14.663+/-74.671 χ^2/NDF : 4.1/9

Left Out: 44.708+/-57.352 χ^2/NDF : 5.7/8

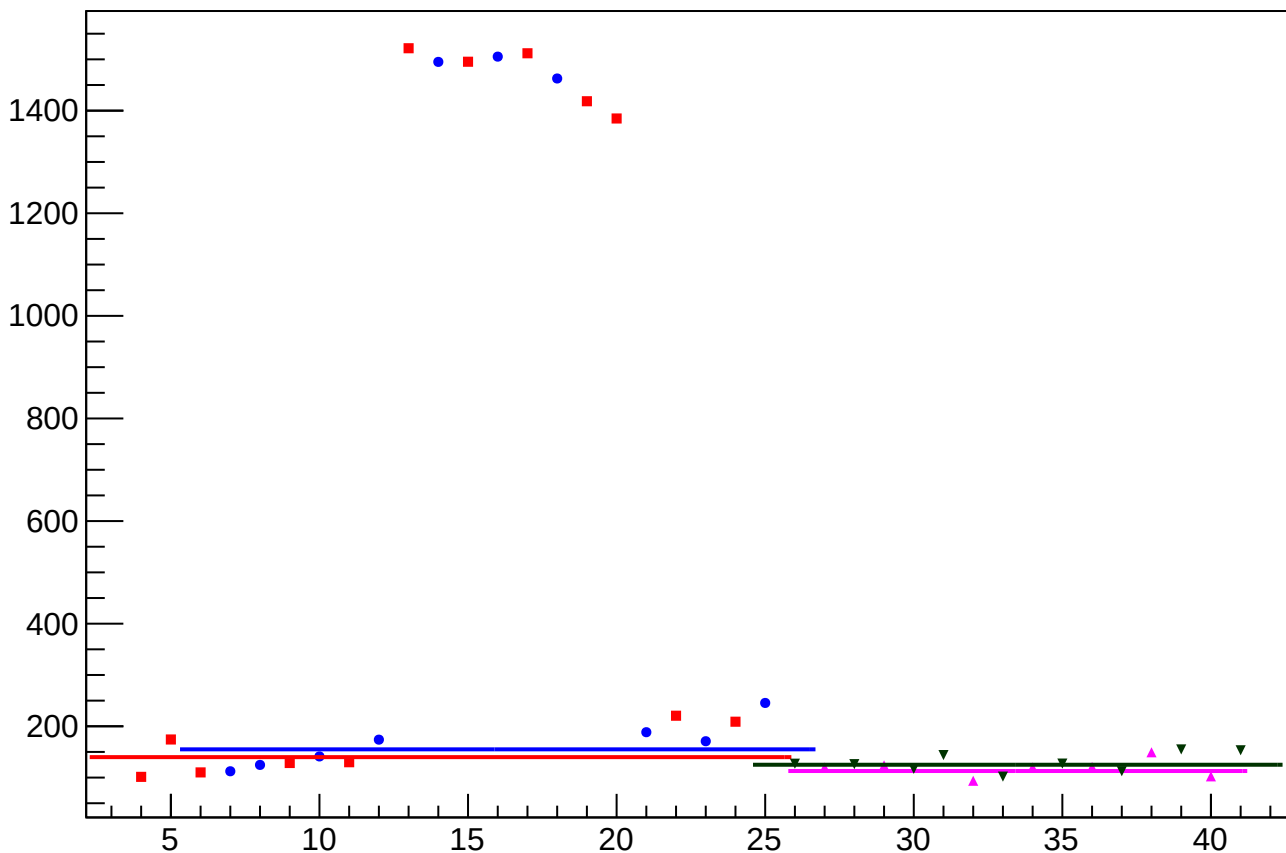
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: -0.607+/-53.700 χ^2/NDF : 0.7/6

33.560+/-45.484 χ^2/NDF : 9.9/18

32.468+/-42.994 χ^2/NDF : 2.8/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 155.050+/-0.053 χ^2/NDF : 4134456.6/9

Left Out: 125.023+/-0.041 χ^2/NDF : 168941.7/8

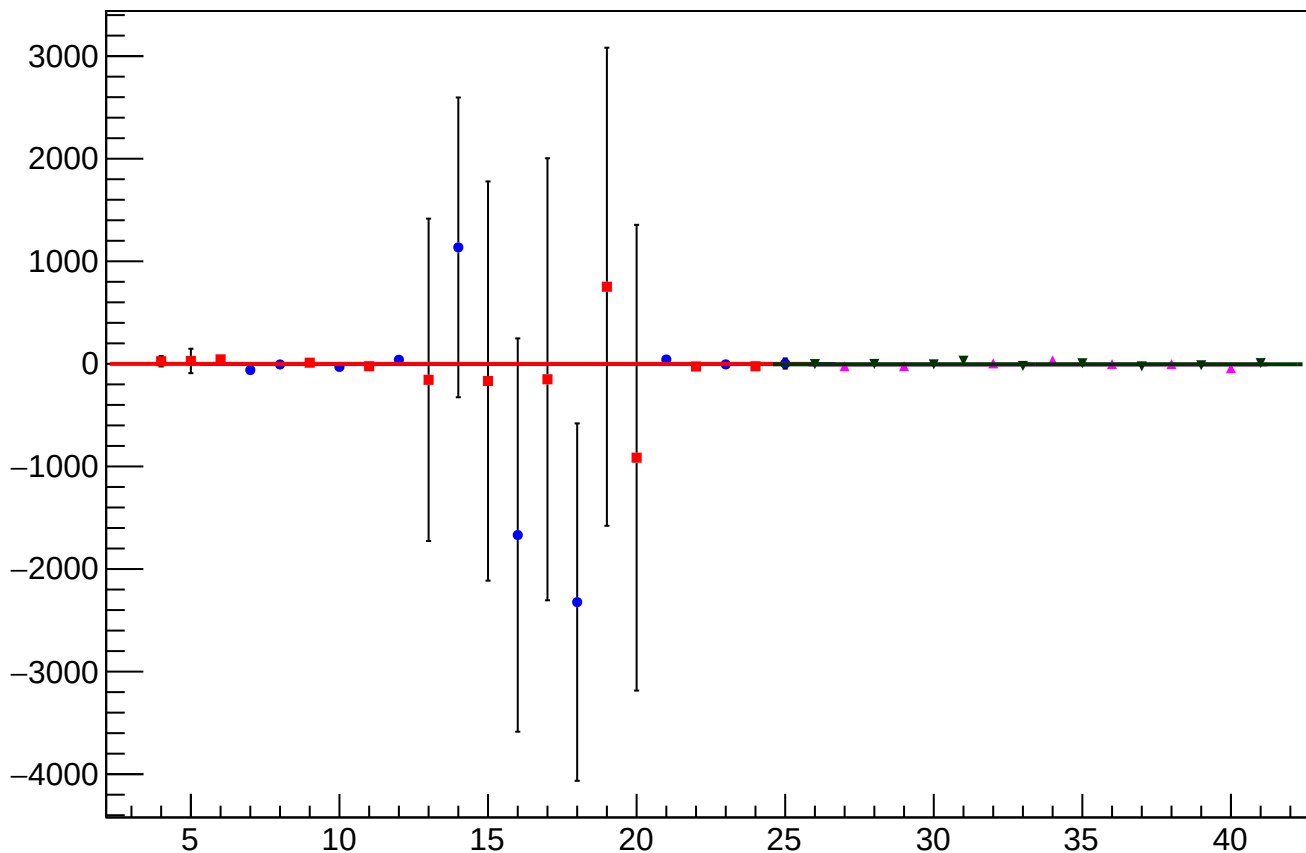
136.164+/-0.032 χ^2/NDF : 4506811.4/18

Right Out: 139.869+/-0.051 χ^2/NDF : 5001746.3/11

122.516+/-0.030 χ^2/NDF : 5353634.9/18

Left In: 112.797+/-0.038 χ^2/NDF : 169397.4/6

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -1.253+/-12.766 χ^2/NDF : 8.8/9

Left Out: -4.118+/-9.775 χ^2/NDF : 2.5/8

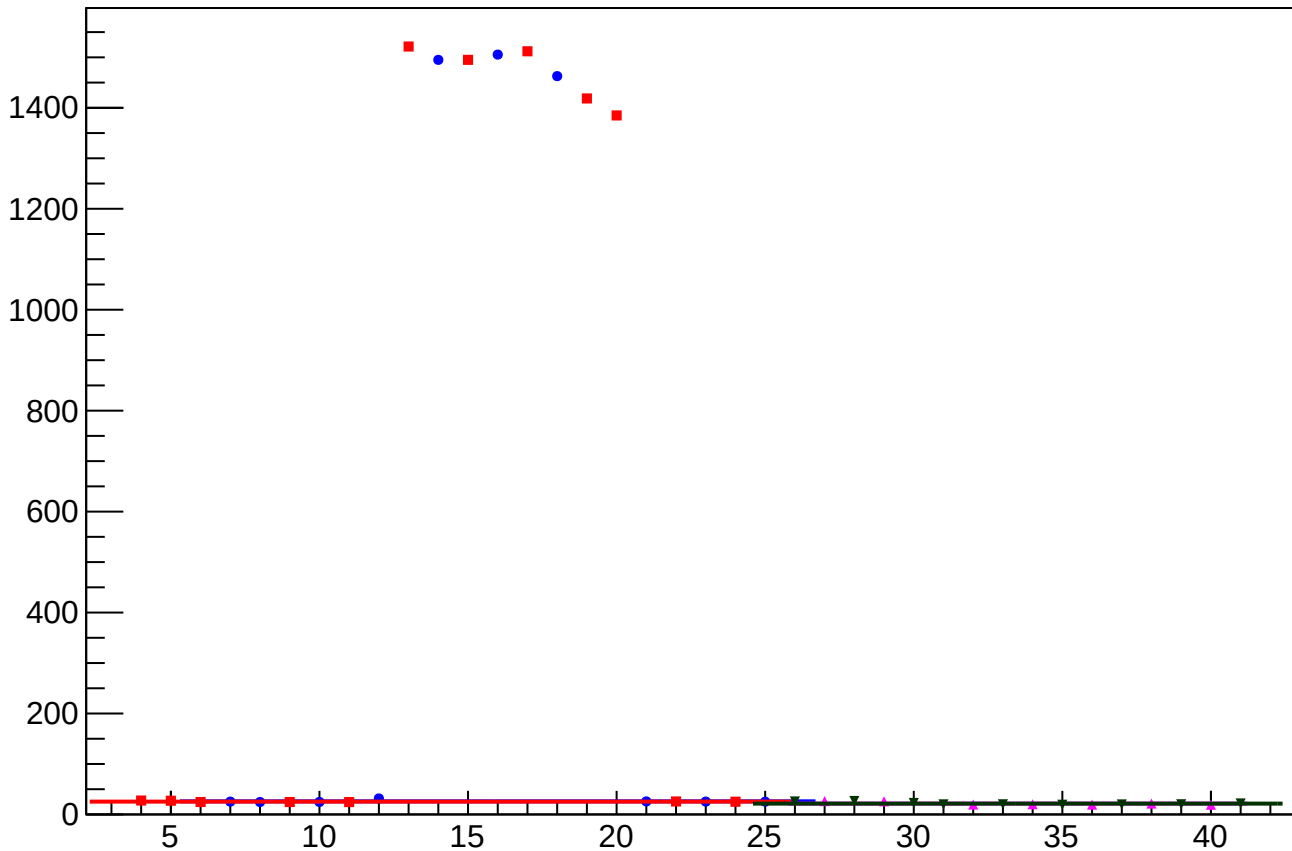
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -6.459+/-10.136 χ^2/NDF : 4.7/6

-3.059+/-7.761 χ^2/NDF : 11.3/18

-4.132+/-8.087 χ^2/NDF : 9.1/18

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 25.998+/-0.009 χ^2/NDF : 4621099.1/9

Left Out: 21.475+/-0.007 χ^2/NDF :122469.6/8

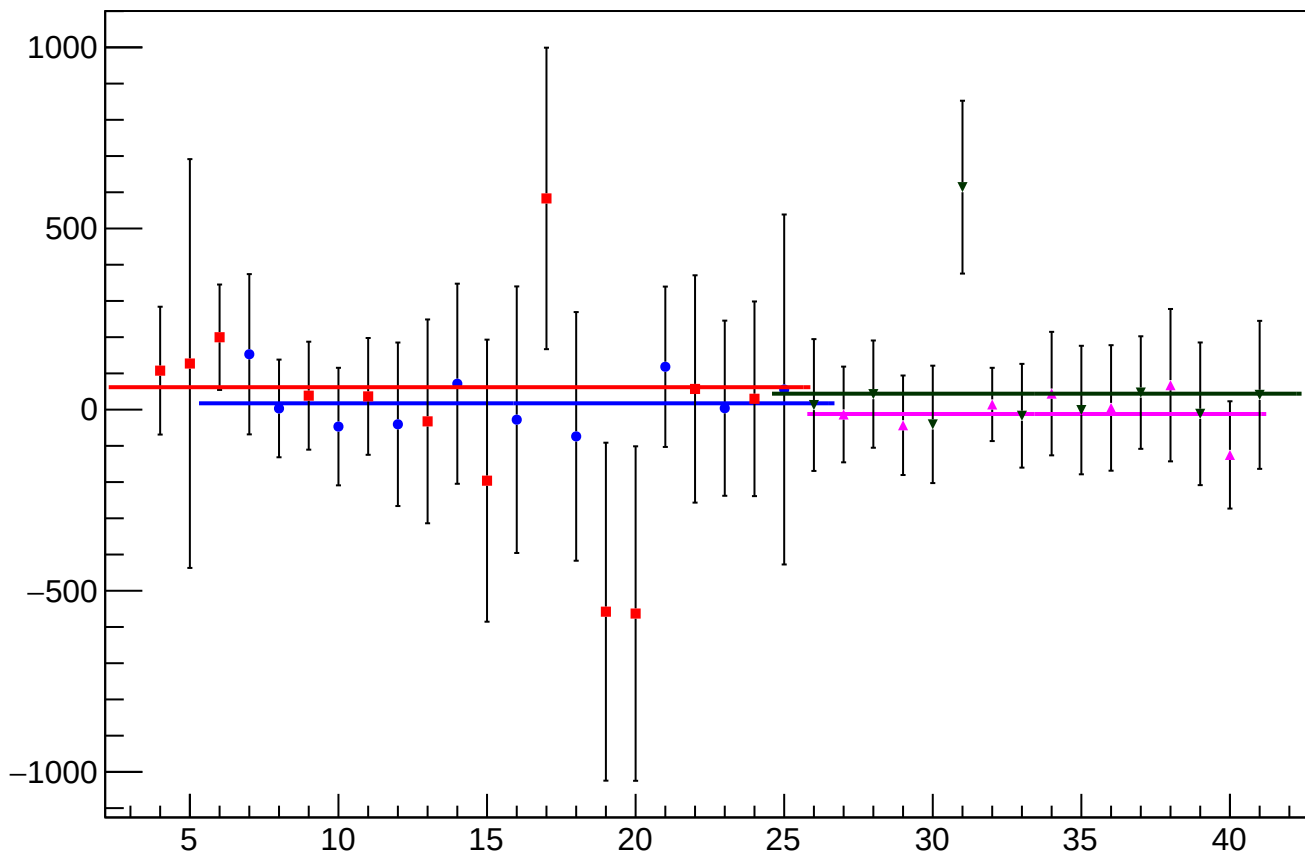
23.147+/-0.005 χ^2/NDF : 4901831.5/18

Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

22.956+/-0.006 χ^2/NDF : 5606525.3/18

Left In: 21.543+/-0.007 χ^2/NDF :153298.8/6

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 17.450+/-70.034 χ^2/NDF : 0.9/9

Left Out: 44.016+/-57.428 χ^2/NDF : 6.3/8

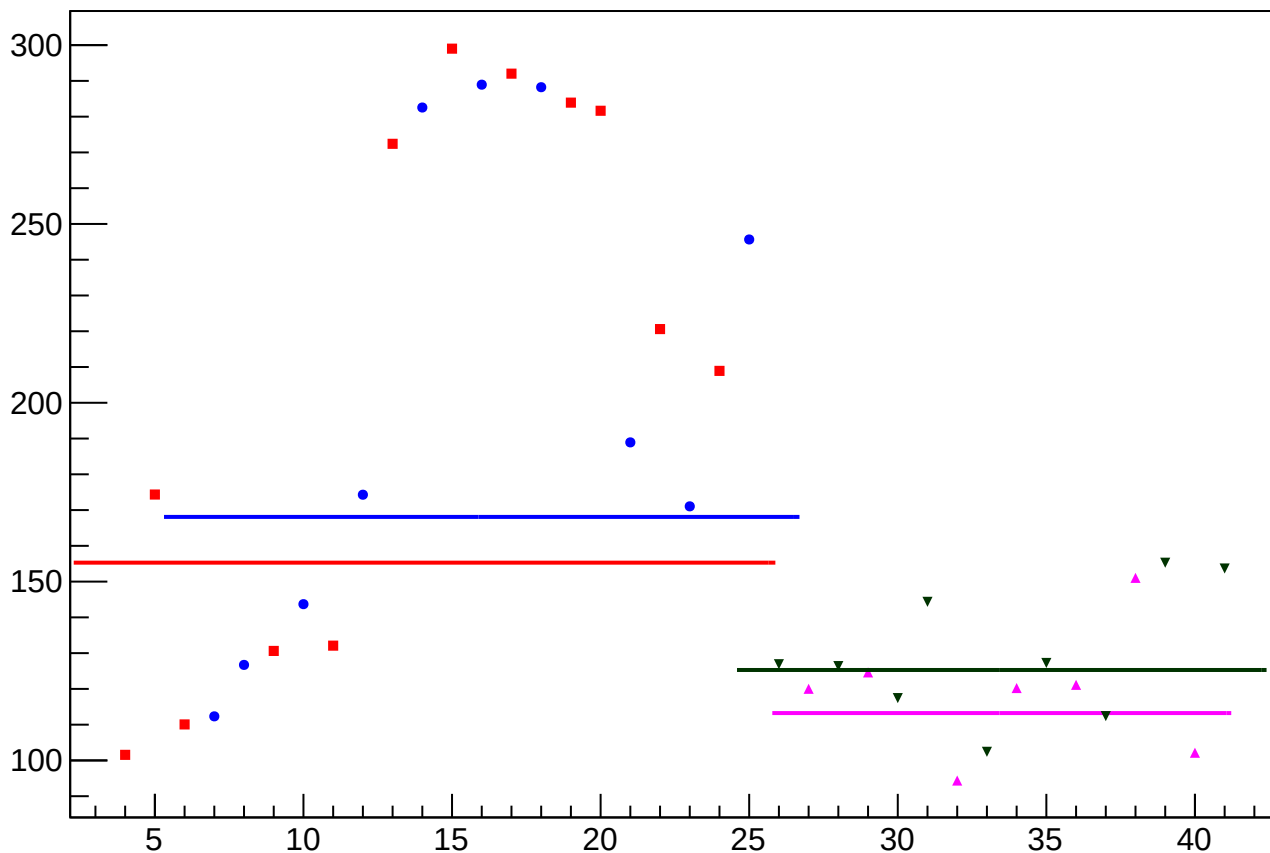
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -12.066+/-53.912 χ^2/NDF : 1.0/6

33.335+/-44.407 χ^2/NDF : 7.4/18

17.132+/-41.946 χ^2/NDF : 8.5/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 168.090 $\pm$ 0.050 χ^2 /NDF: 1236302.5/9

Left Out: 125.290 $\pm$ 0.041 χ^2 /NDF: 167787.5/8

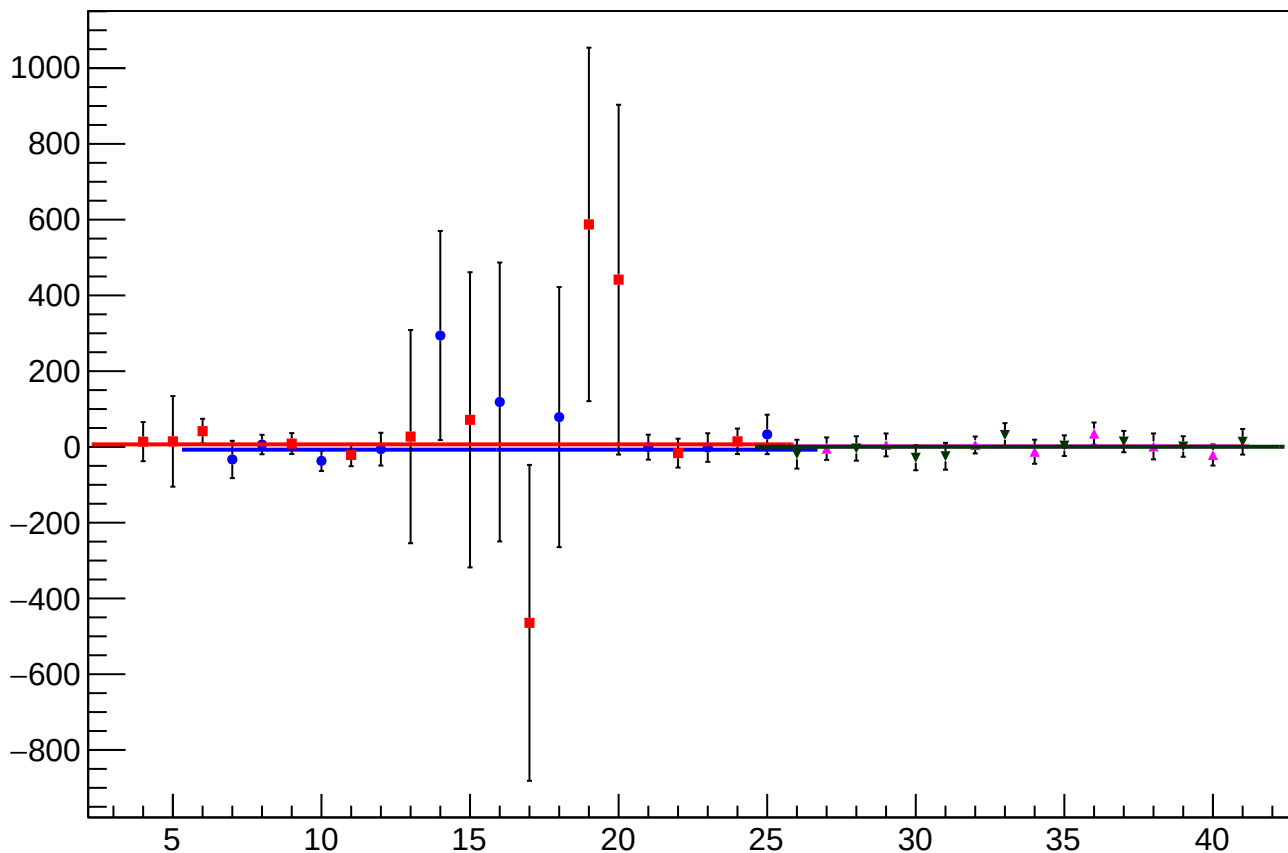
142.498 $\pm$ 0.031 χ^2 /NDF: 1850738.1/18

Right Out: 155.299 $\pm$ 0.047 χ^2 /NDF: 1780534.8/11

129.841 $\pm$ 0.030 χ^2 /NDF: 2432820.7/18

Left In: 113.243 $\pm$ 0.038 χ^2 /NDF: 171976.6/6

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.237+/-13.049 χ^2/NDF : 3.8/9

Left Out: 0.485+/-10.412 χ^2/NDF : 2.9/8

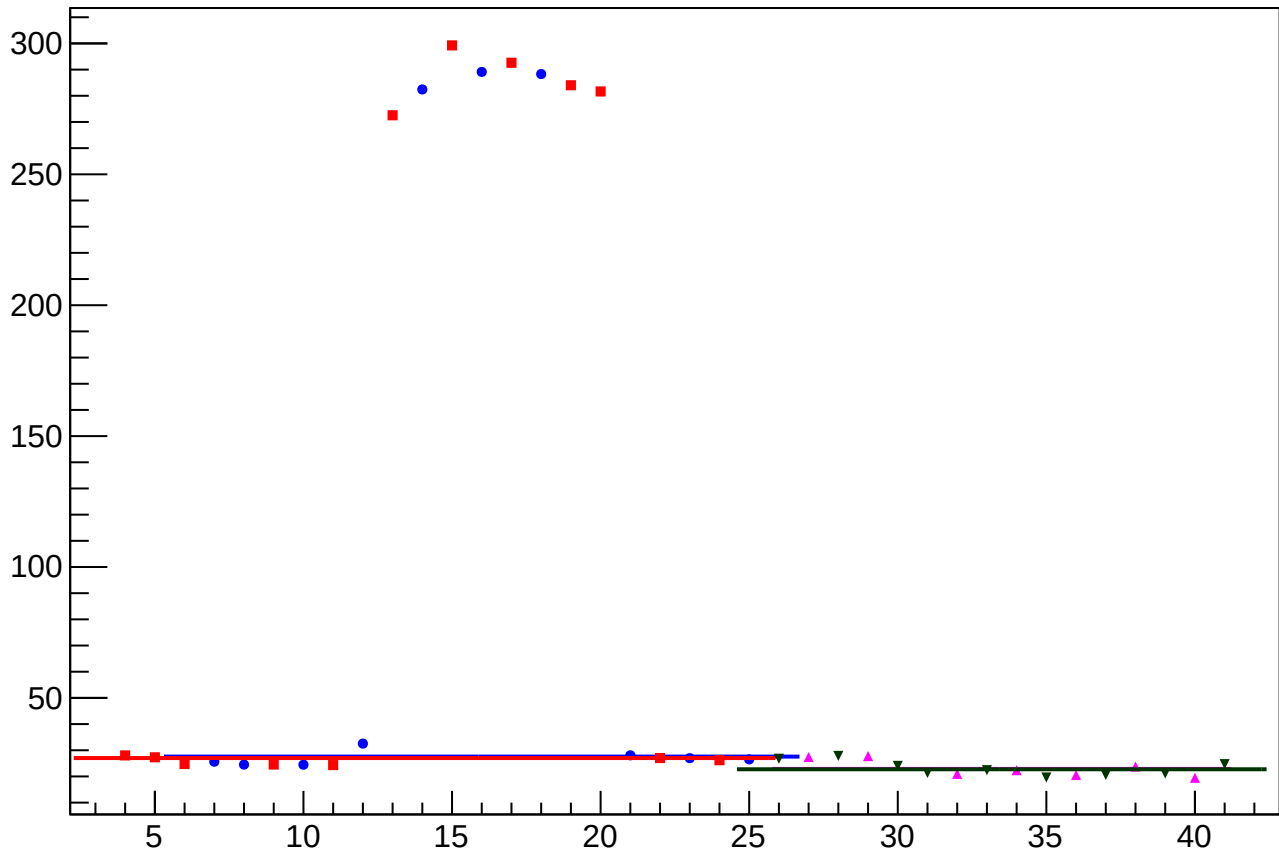
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 1.585+/-10.829 χ^2/NDF : 2.3/6

-2.519+/-8.139 χ^2/NDF : 7.0/18

3.604+/-8.458 χ^2/NDF : 8.6/18

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.582+/-0.009 χ^2/NDF : 3953856.3/9

Left Out: 22.738+/-0.007 χ^2/NDF : 130693.6/8

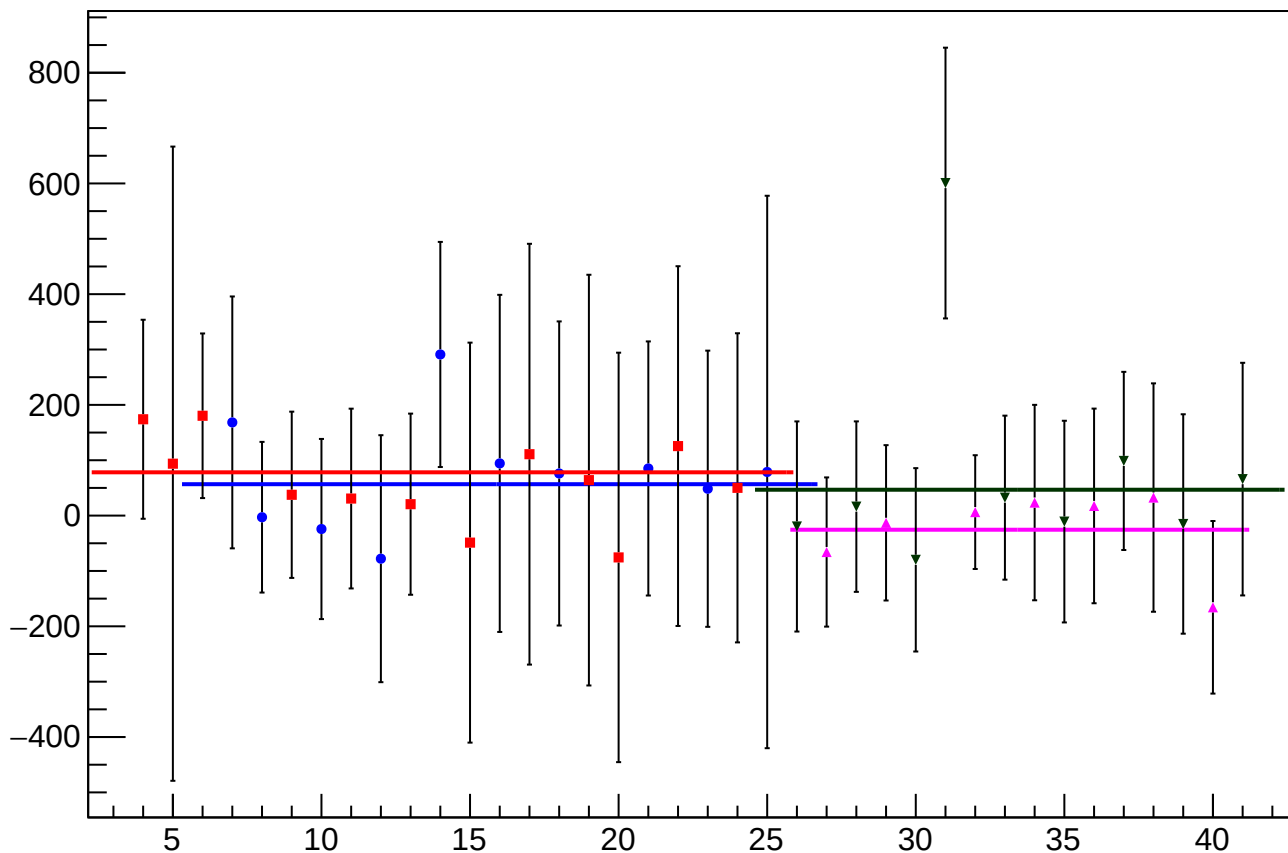
24.622+/-0.006 χ^2/NDF : 4252891.3/18

Right Out: 27.023+/-0.010 χ^2/NDF : 4568943.2/11

24.493+/-0.006 χ^2/NDF : 4840681.3/18

Left In: 22.877+/-0.008 χ^2/NDF : 157410.3/6

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 56.719+/-67.654 χ^2/NDF : 2.4/9

Left Out: 46.720+/-59.177 χ^2/NDF : 6.2/8

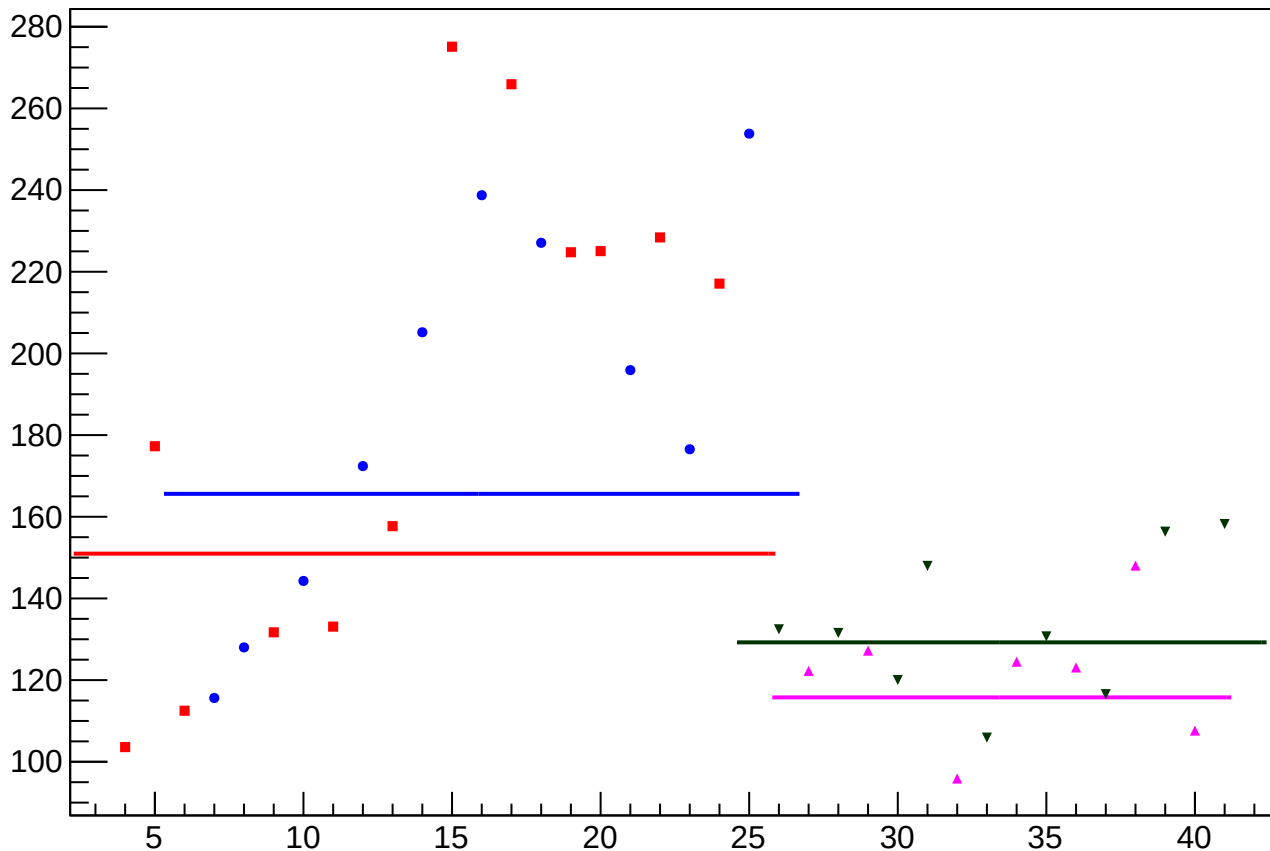
Right Out: 78.185+/-63.204 χ^2/NDF : 1.4/11

Left In: -25.534+/-55.075 χ^2/NDF : 1.2/6

51.054+/-44.542 χ^2/NDF : 8.6/18

19.230+/-41.522 χ^2/NDF : 4.1/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.614 $\pm$ 0.048 χ^2 /NDF: 678005.1/9

Left Out: 129.244 $\pm$ 0.042 χ^2 /NDF:156557.9/8

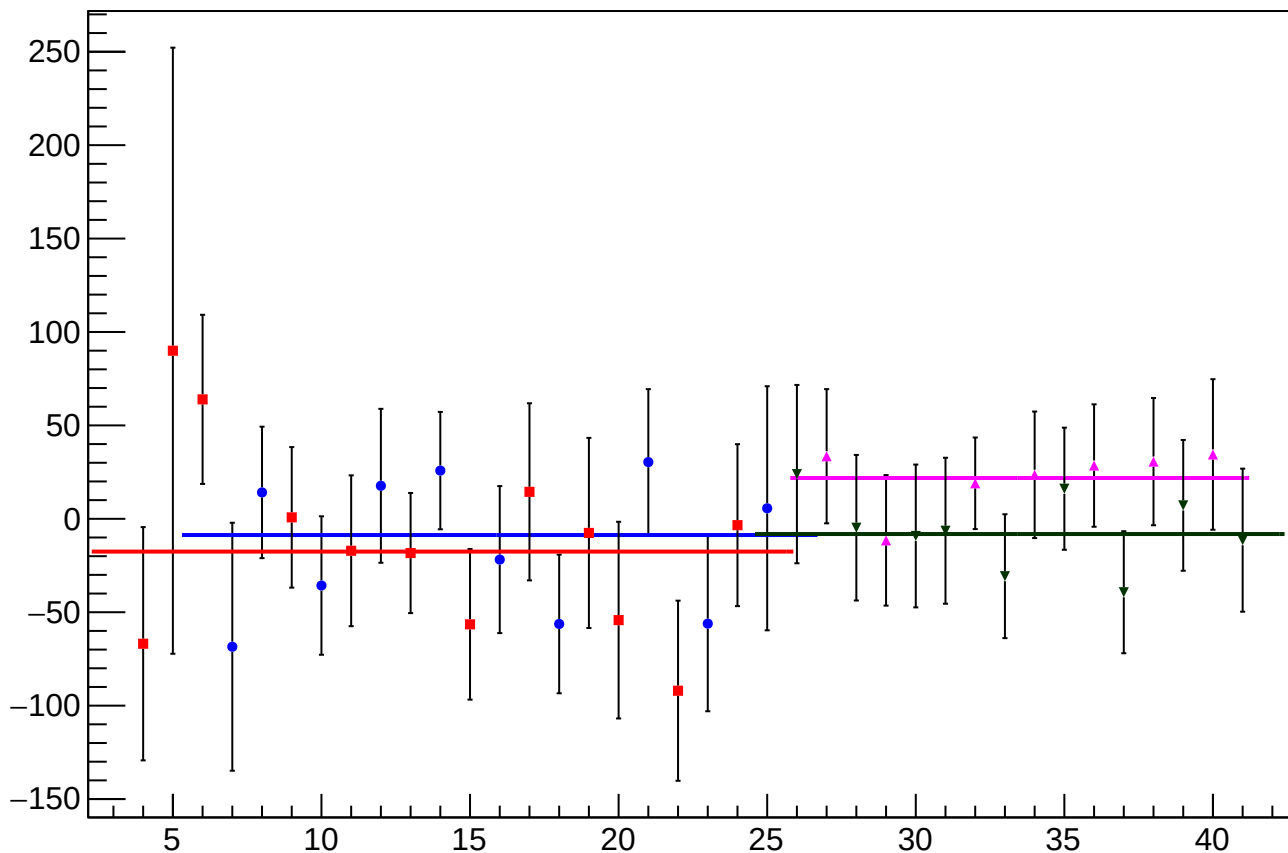
145.009 $\pm$ 0.031 χ^2 /NDF: 1162027.6/18

Right Out: 150.968 $\pm$ 0.045 χ^2 /NDF: 1141850.9/11

130.960 $\pm$ 0.029 χ^2 /NDF: 1649957.7/18

Left In: 115.768 $\pm$ 0.039 χ^2 /NDF:155497.2/6

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -8.681 ± 12.821 χ^2/NDF : 7.2/9

Left Out: -8.145 ± 12.199 χ^2/NDF : 2.6/8

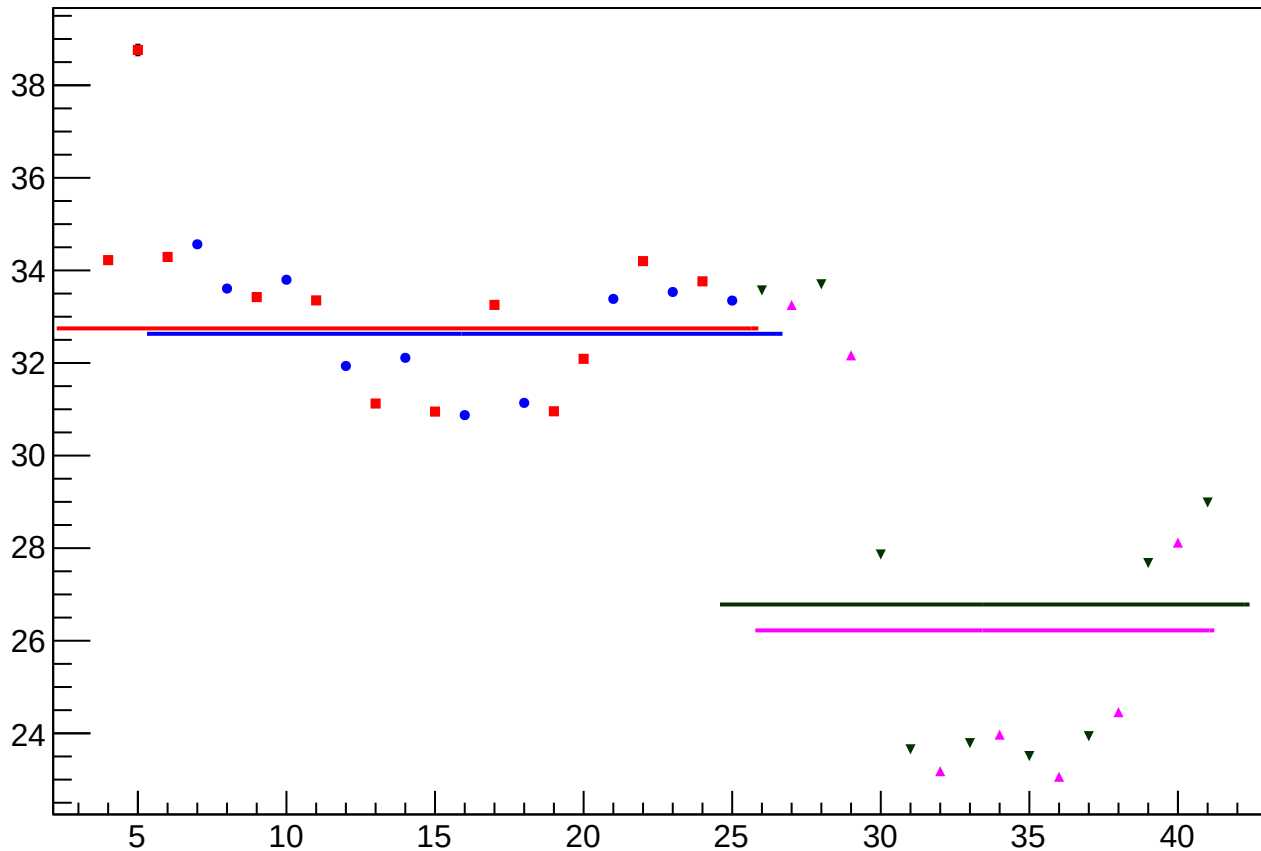
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: 21.846 ± 12.365 χ^2/NDF : 1.2/6

-8.400 ± 8.838 χ^2/NDF : 9.8/18

3.268 ± 8.987 χ^2/NDF : 15.0/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 32.631 $\pm$ 0.009 χ^2 /NDF: 15297.1/9

Left Out: 26.783 $\pm$ 0.009 χ^2 /NDF:177423.5/8

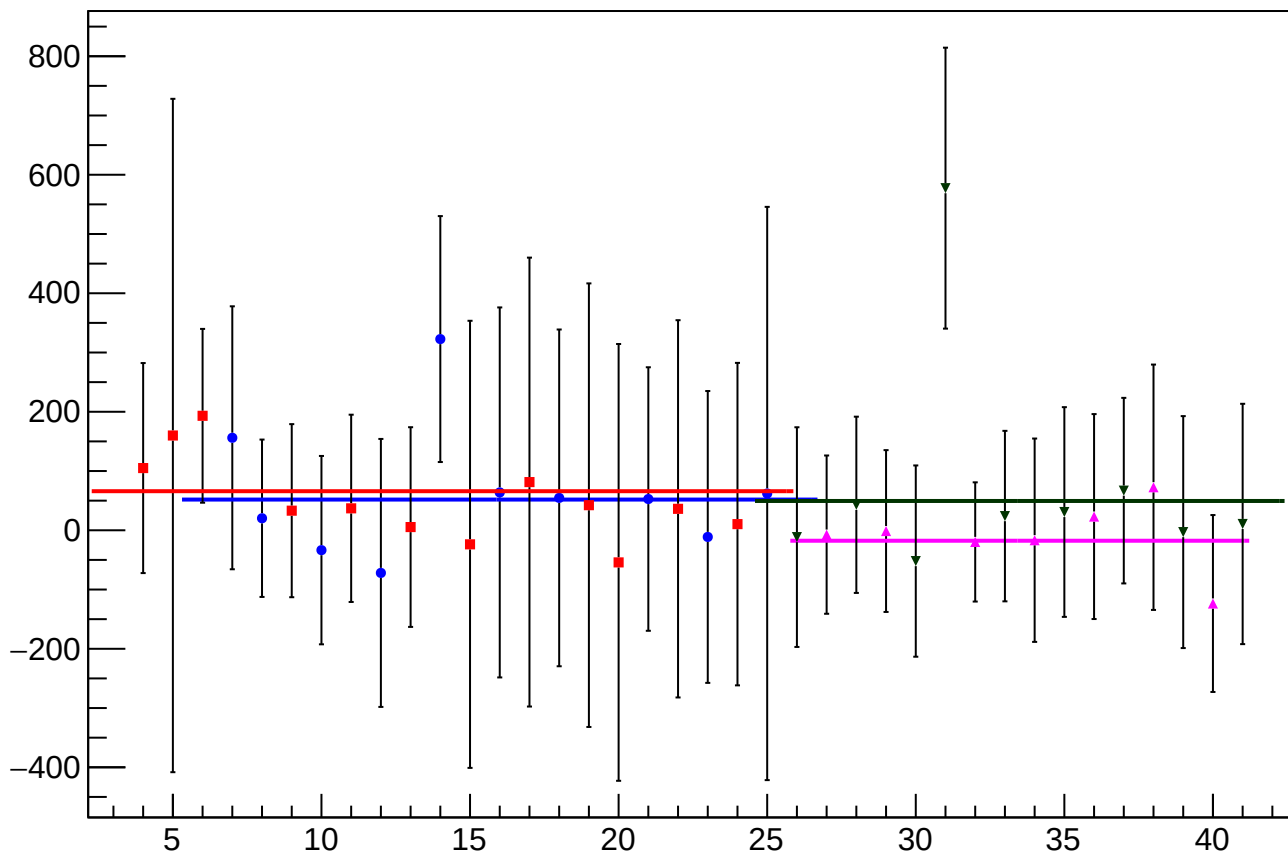
Right Out: 32.747 $\pm$ 0.009 χ^2 /NDF: 22297.5/11

Left In: 26.223 $\pm$ 0.009 χ^2 /NDF:202601.4/6

29.562 $\pm$ 0.006 χ^2 /NDF: 411091.0/18

29.301 $\pm$ 0.006 χ^2 /NDF: 487562.5/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.834 $\pm$ 66.963 χ^2/NDF : 2.6/9

Left Out: 49.460 $\pm$ 57.548 χ^2/NDF : 5.6/8

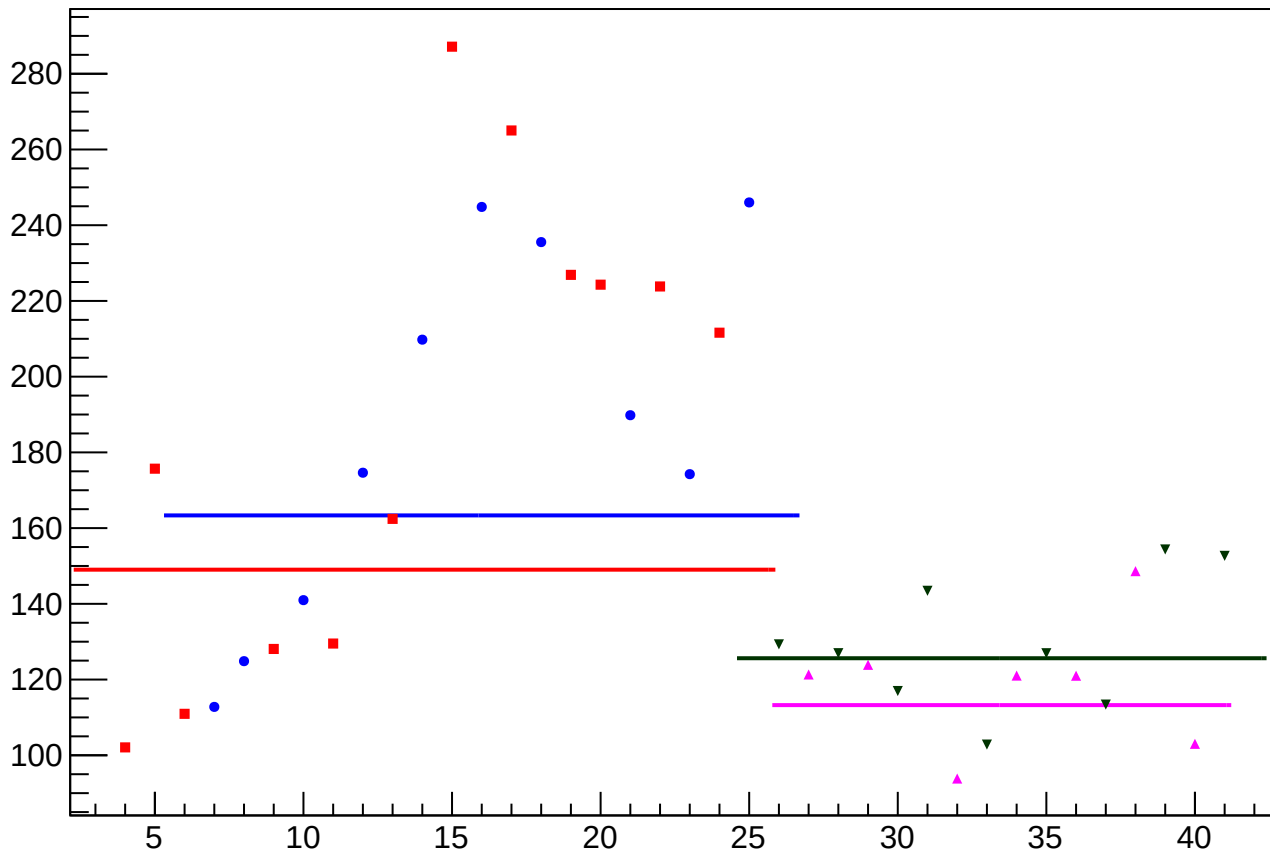
Right Out: 65.954 $\pm$ 62.568 χ^2/NDF : 1.3/11

Left In: -17.643 $\pm$ 53.908 χ^2/NDF : 0.8/6

50.468 $\pm$ 43.645 χ^2/NDF : 8.3/18

17.974 $\pm$ 40.840 χ^2/NDF : 3.1/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 163.355+/-0.047 χ^2/NDF : 772602.2/9

Left Out: 125.632+/-0.041 χ^2/NDF :159237.2/8

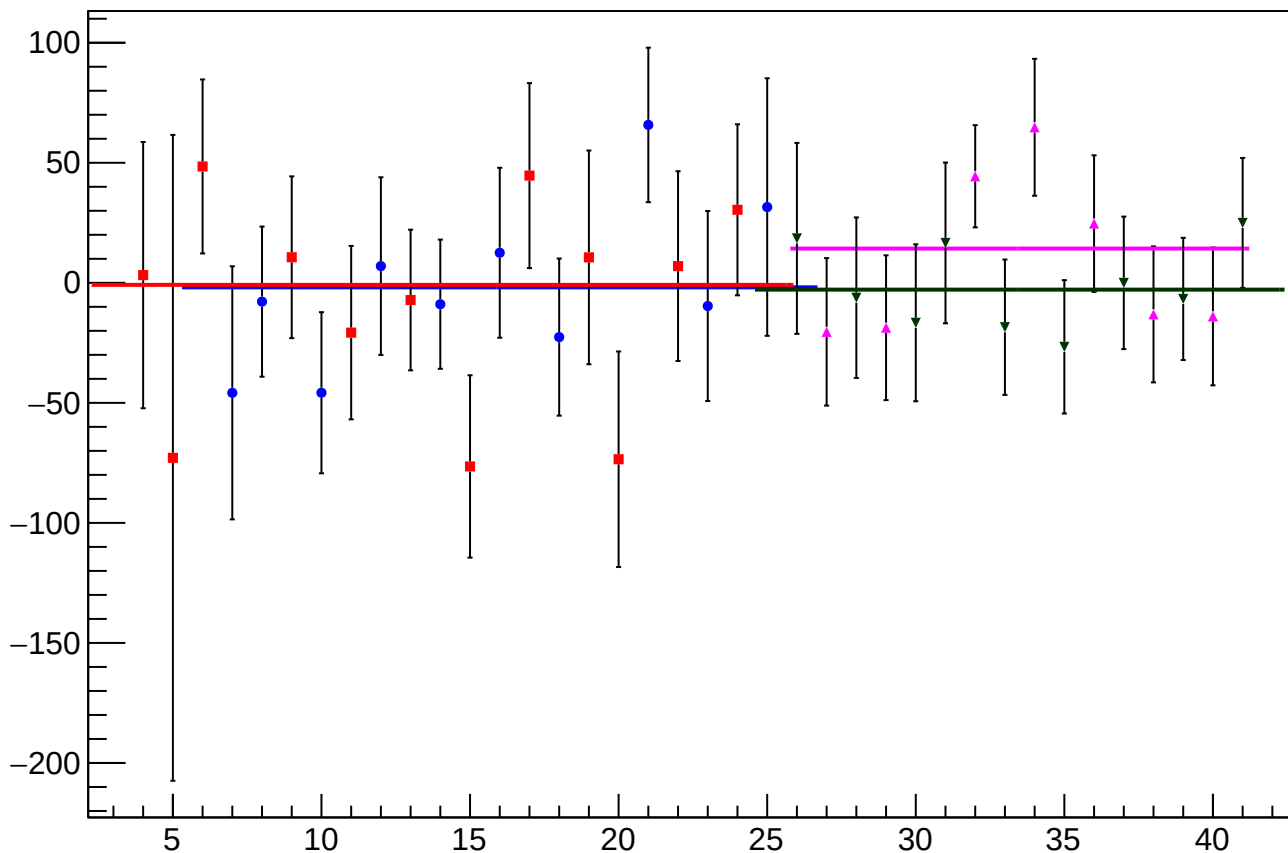
141.657+/-0.031 χ^2/NDF : 1296926.7/18

Right Out: 149.022+/-0.044 χ^2/NDF : 1205634.3/11

128.491+/-0.029 χ^2/NDF : 1750595.7/18

Left In: 113.250+/-0.038 χ^2/NDF :169755.5/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -1.881 ± 11.135 χ^2/NDF : 8.0/9

Left Out: -2.839 ± 9.934 χ^2/NDF : 2.9/8

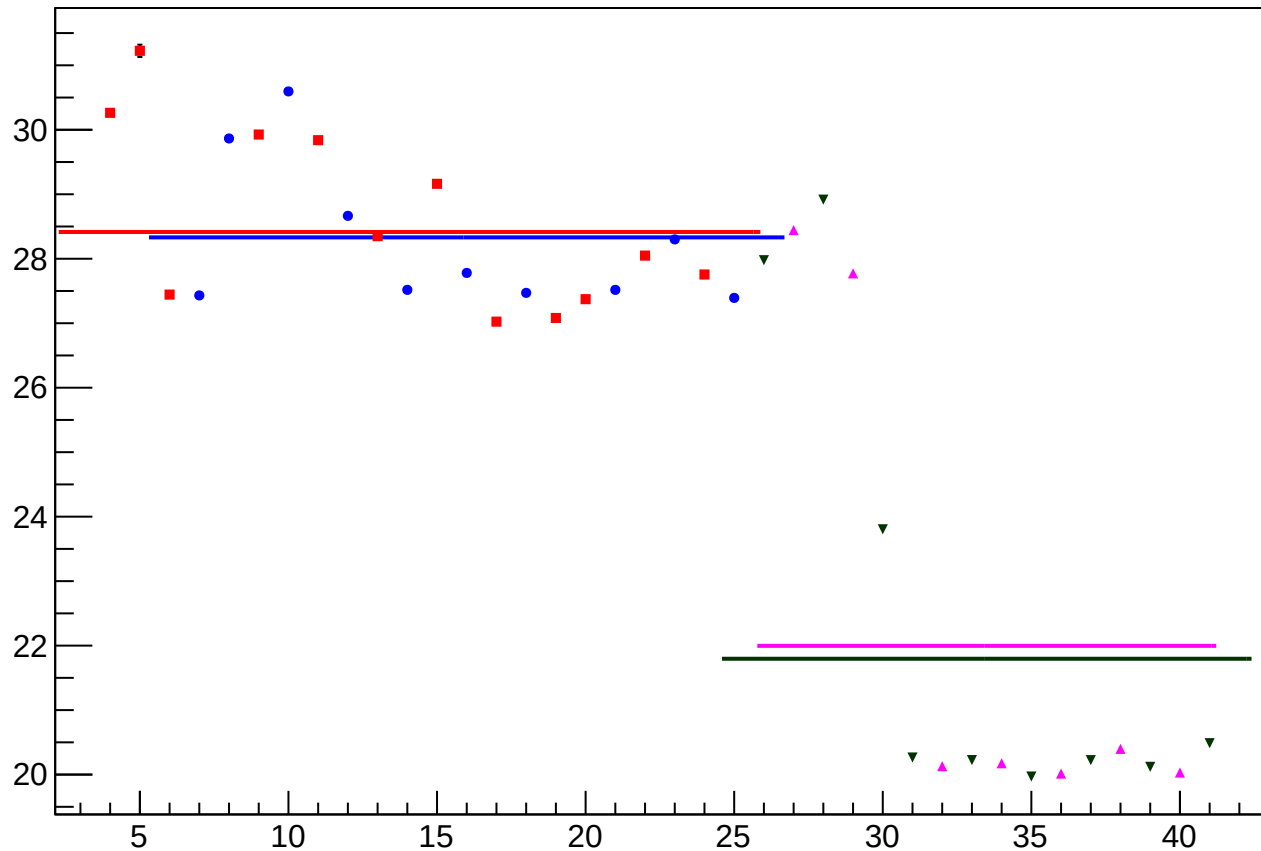
Right Out: -0.853 ± 11.359 χ^2/NDF : 11.5/11

Left In: 14.271 ± 10.374 χ^2/NDF : 9.7/6

-2.414 ± 7.413 χ^2/NDF : 10.9/18

7.393 ± 7.660 χ^2/NDF : 22.1/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 28.331 $\pm$ 0.008 χ^2/NDF : 20249.2/9

Left Out: 21.796 $\pm$ 0.007 χ^2/NDF : 185453.1/8

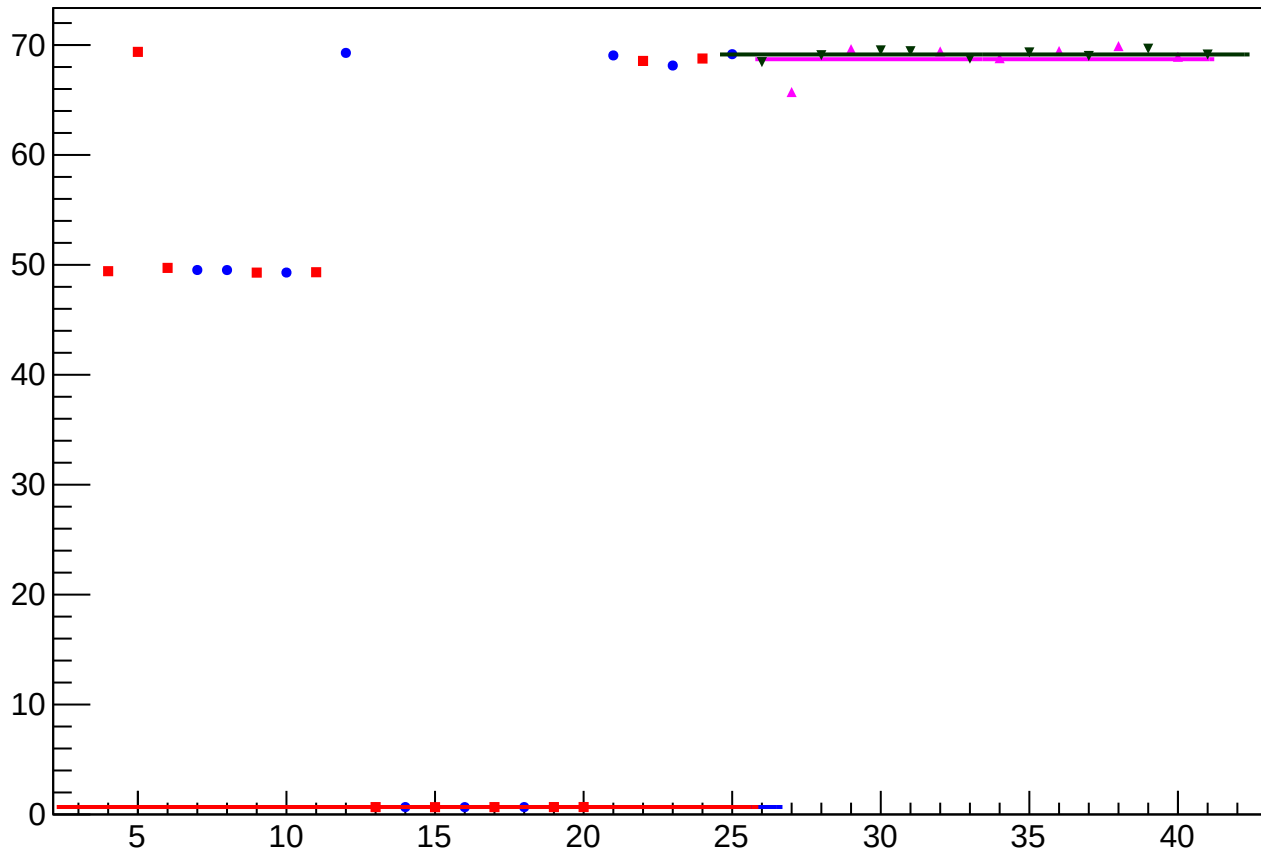
24.693 $\pm$ 0.005 χ^2/NDF : 589283.0/18

Right Out: 28.415 $\pm$ 0.008 χ^2/NDF : 18780.8/11

24.915 $\pm$ 0.005 χ^2/NDF : 577487.5/18

Left In: 21.997 $\pm$ 0.007 χ^2/NDF : 210490.8/6

yield_bcm_an_ds_mean vs slug



Right In: 0.678+/-0.000 χ^2/NDF : 493978436701.3/9

Left Out: 69.142+/-0.000 χ^2/NDF :18584114.9/8

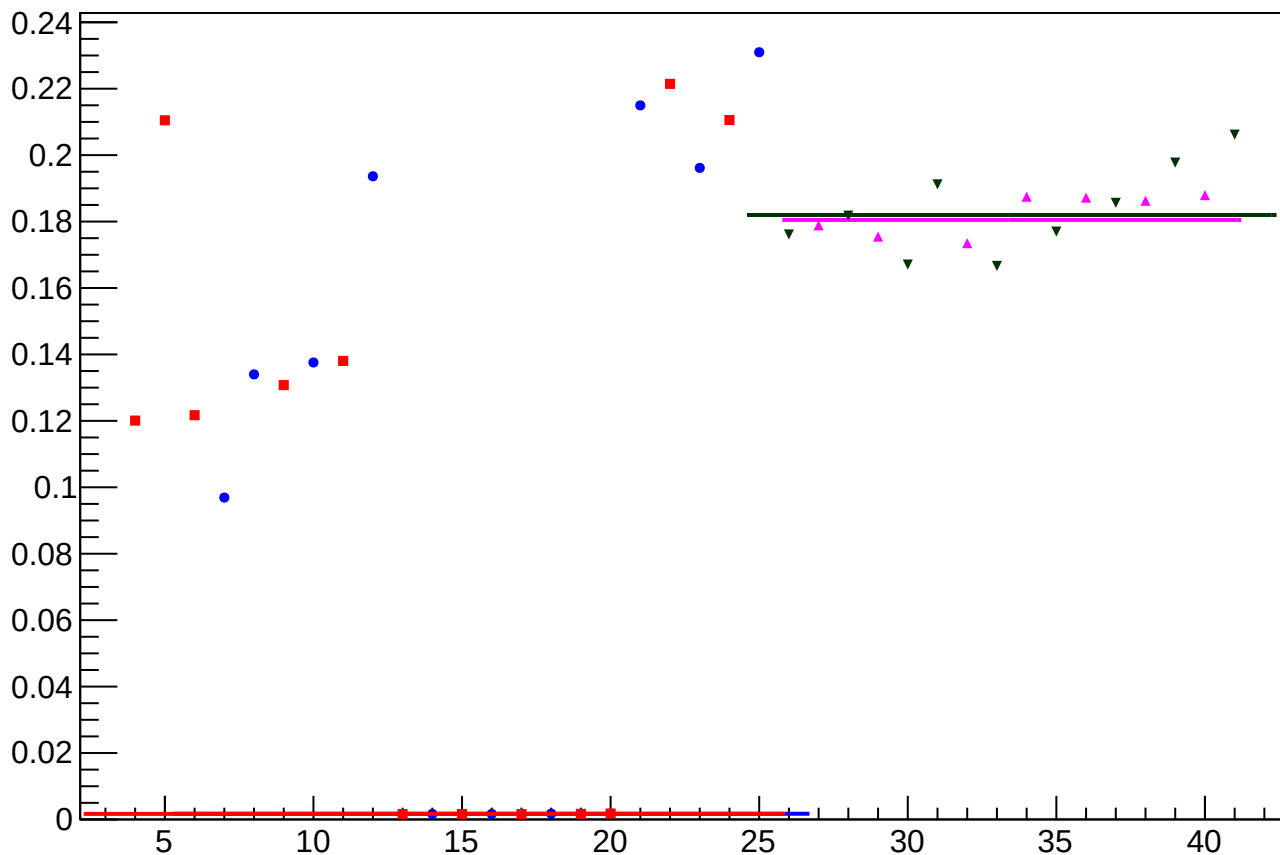
0.690+/-0.000 χ^2/NDF : 1159252254278.9/18

Right Out: 0.677+/-0.000 χ^2/NDF : 436954244556.0/11

0.687+/-0.000 χ^2/NDF : 1065773706021.1/18

Left In: 68.709+/-0.000 χ^2/NDF :293355571.8/6

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 7632381.8/9

Left Out: 0.182+/-0.000 χ^2/NDF : 43514.7/8

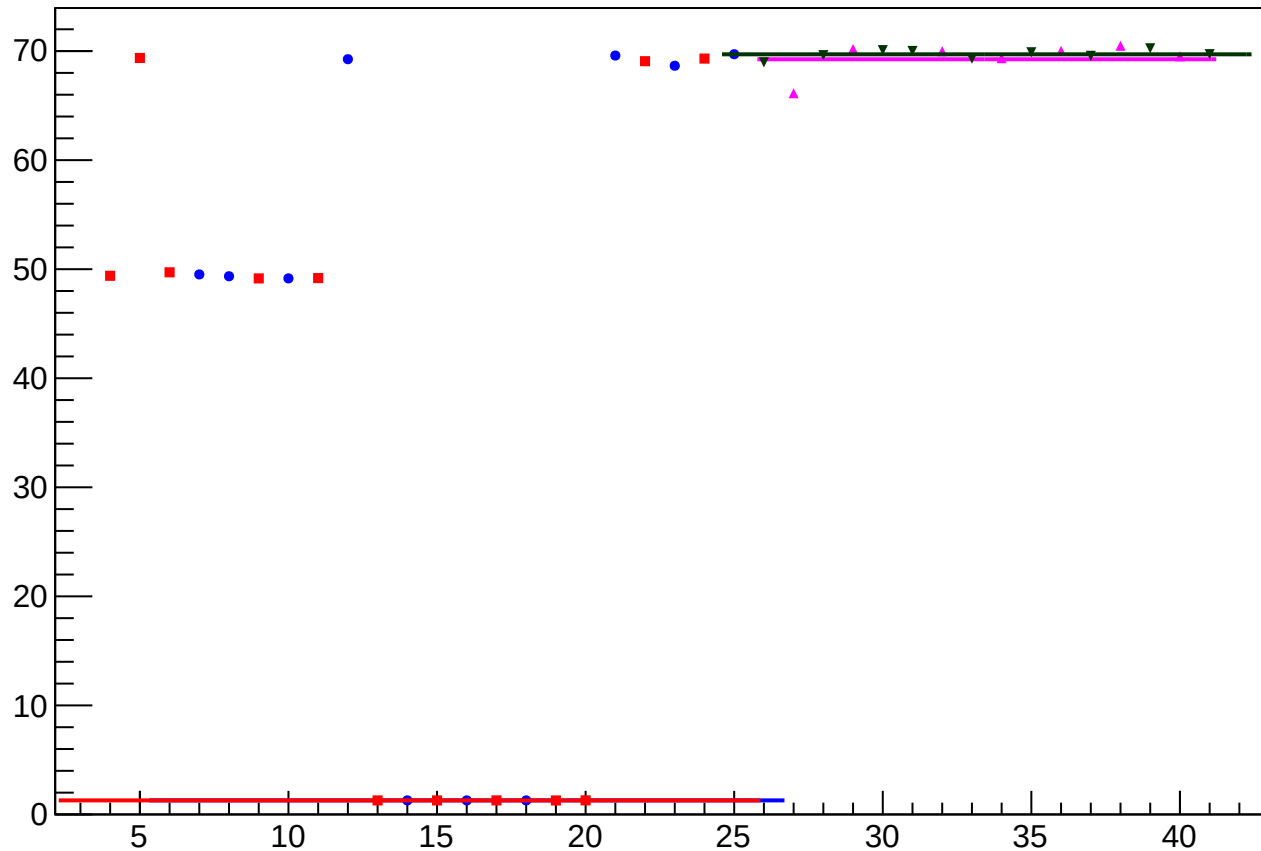
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.180+/-0.000 χ^2/NDF : 9301.7/6

0.002+/-0.000 χ^2/NDF : 16899741.7/18

0.002+/-0.000 χ^2/NDF : 15329115.7/18

yield_bcm_an_ds3_mean vs slug



Right In: 1.290 $\pm$ 0.000 χ^2/NDF : 493068682652.8/9

Left Out: 69.704 $\pm$ 0.000 χ^2/NDF : 19458732.4/8

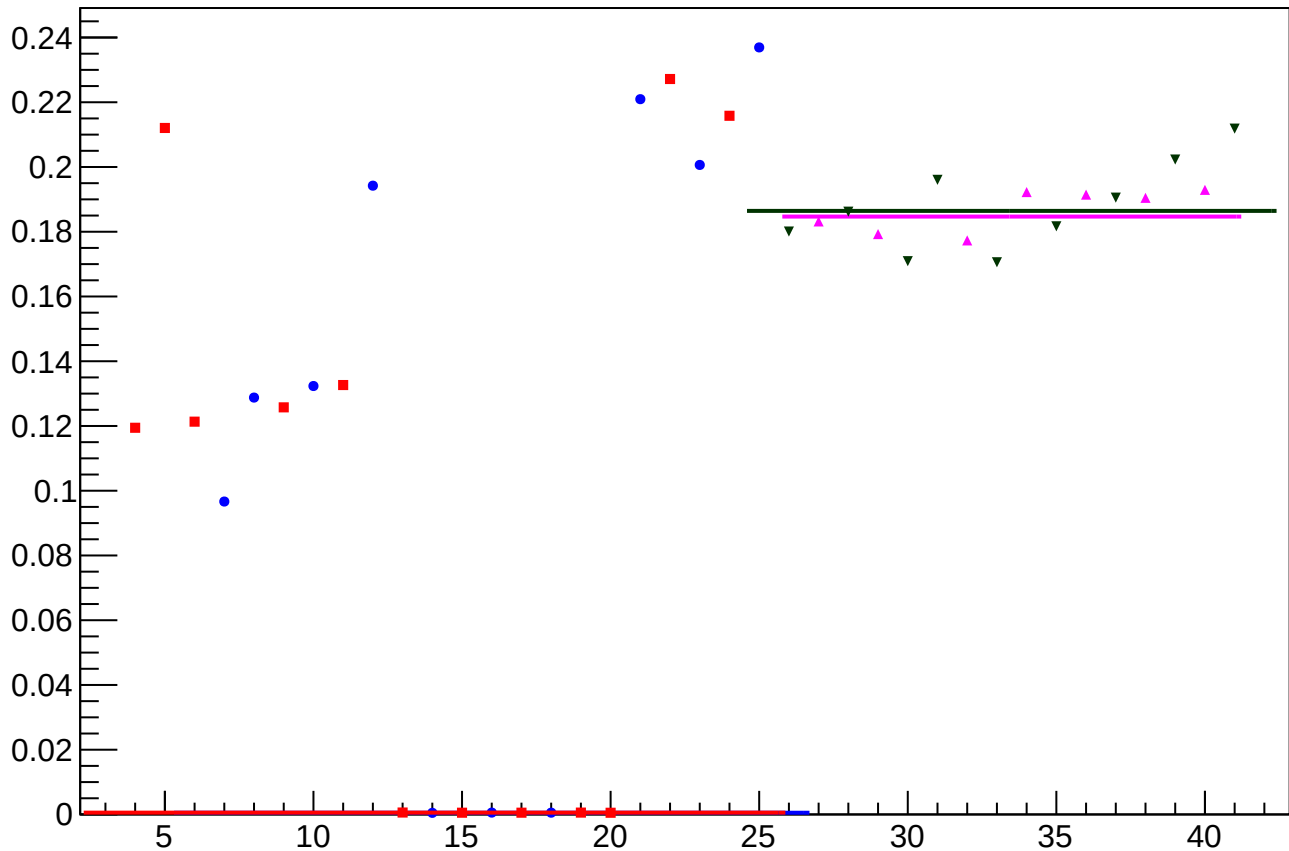
1.291 $\pm$ 0.000 χ^2/NDF : 1125896072098.8/18

Right Out: 1.289 $\pm$ 0.000 χ^2/NDF : 437398241389.8/11

1.291 $\pm$ 0.000 χ^2/NDF : 1036660604044.6/18

Left In: 69.250 $\pm$ 0.000 χ^2/NDF : 303269716.3/6

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 7762890.0/9

Left Out: 0.186+/-0.000 χ^2/NDF : 44561.4/8

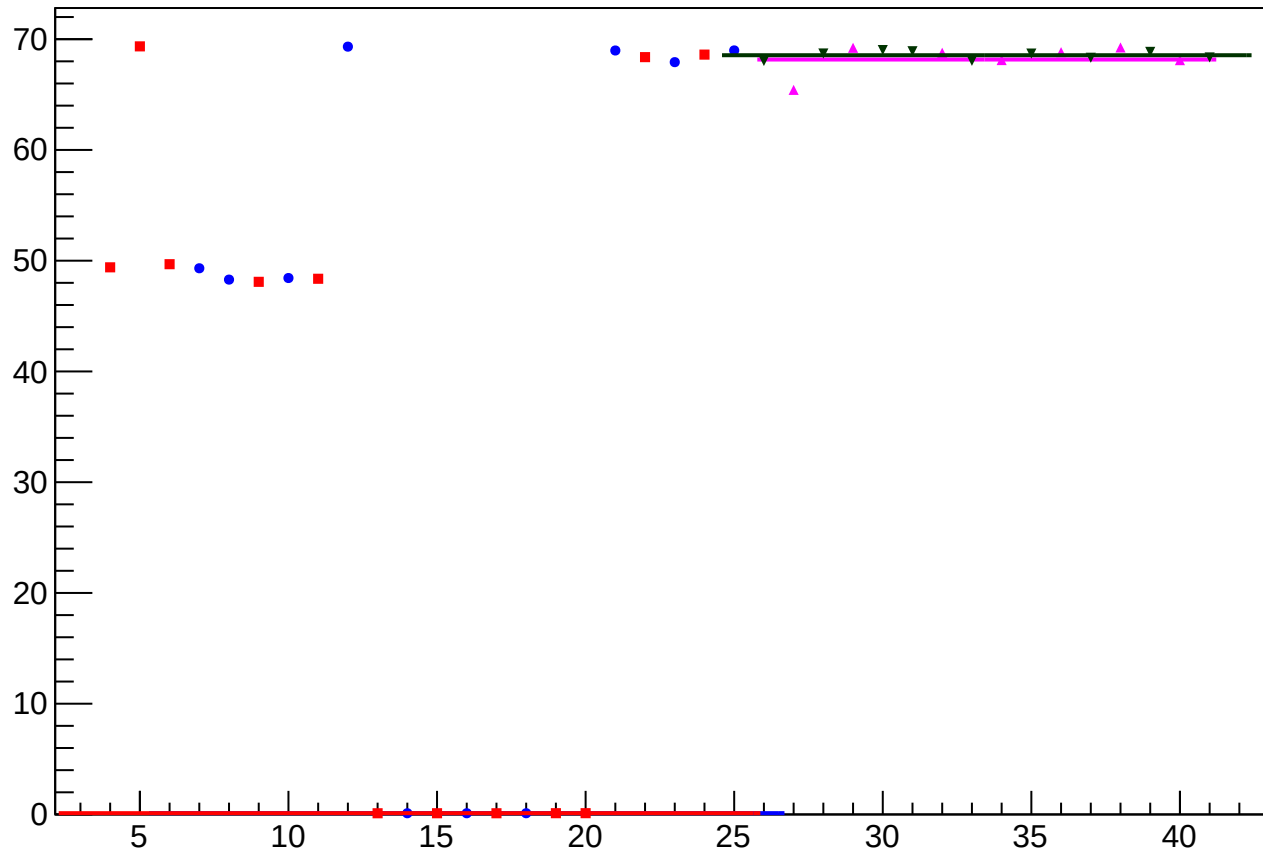
0.001+/-0.000 χ^2/NDF : 17153295.4/18

Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

0.001+/-0.000 χ^2/NDF : 15544429.9/18

Left In: 0.185+/-0.000 χ^2/NDF : 9929.6/6

yield_bcm_an_us_mean vs slug



Right In: 0.119+/-0.000 χ^2/NDF : 516062815172.8/9

Left Out: 68.552+/-0.000 χ^2/NDF :17672025.6/8

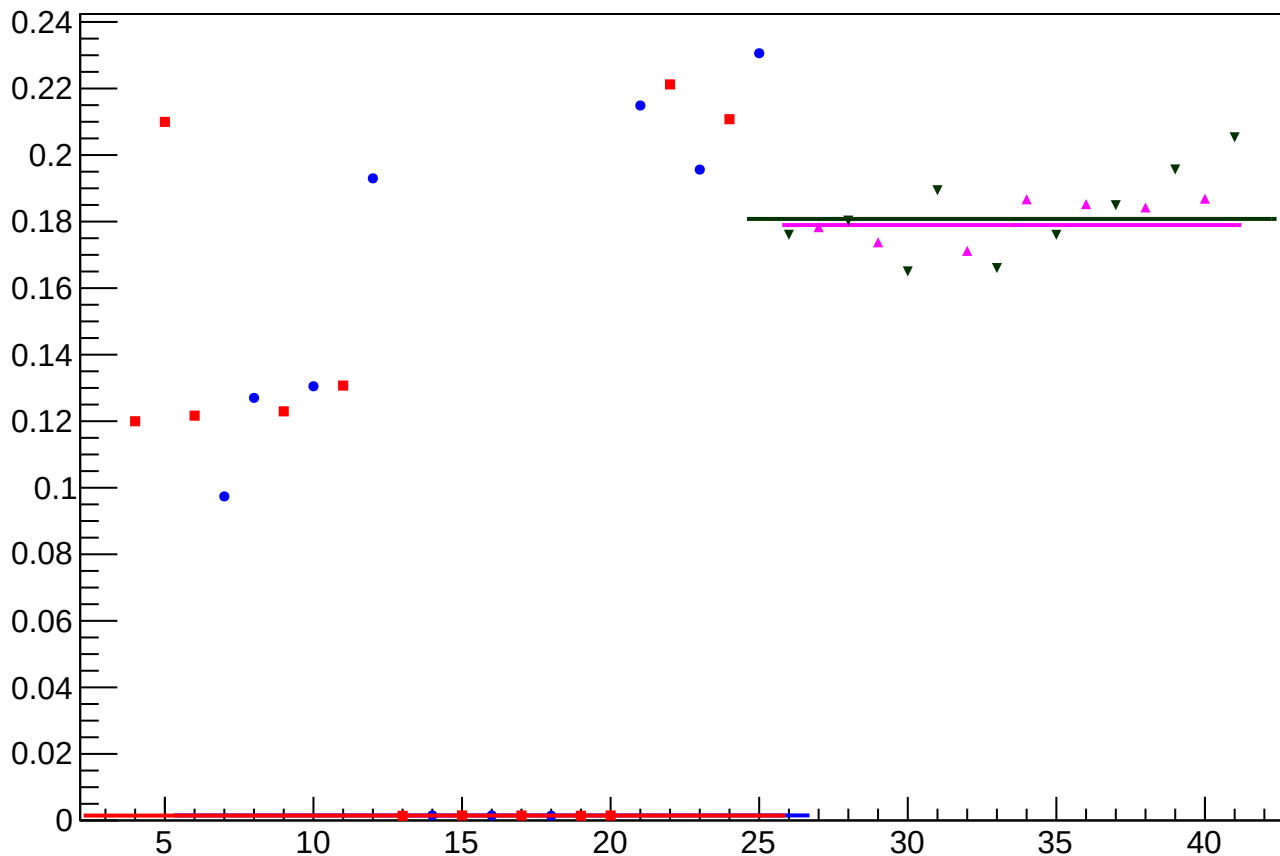
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 68.162+/-0.000 χ^2/NDF :257551083.3/6

0.128+/-0.000 χ^2/NDF : 1188176146182.5/18

0.124+/-0.000 χ^2/NDF : 1098879554327.9/18

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 7641271.5/9

Left Out: 0.181+/-0.000 χ^2/NDF :43541.4/8

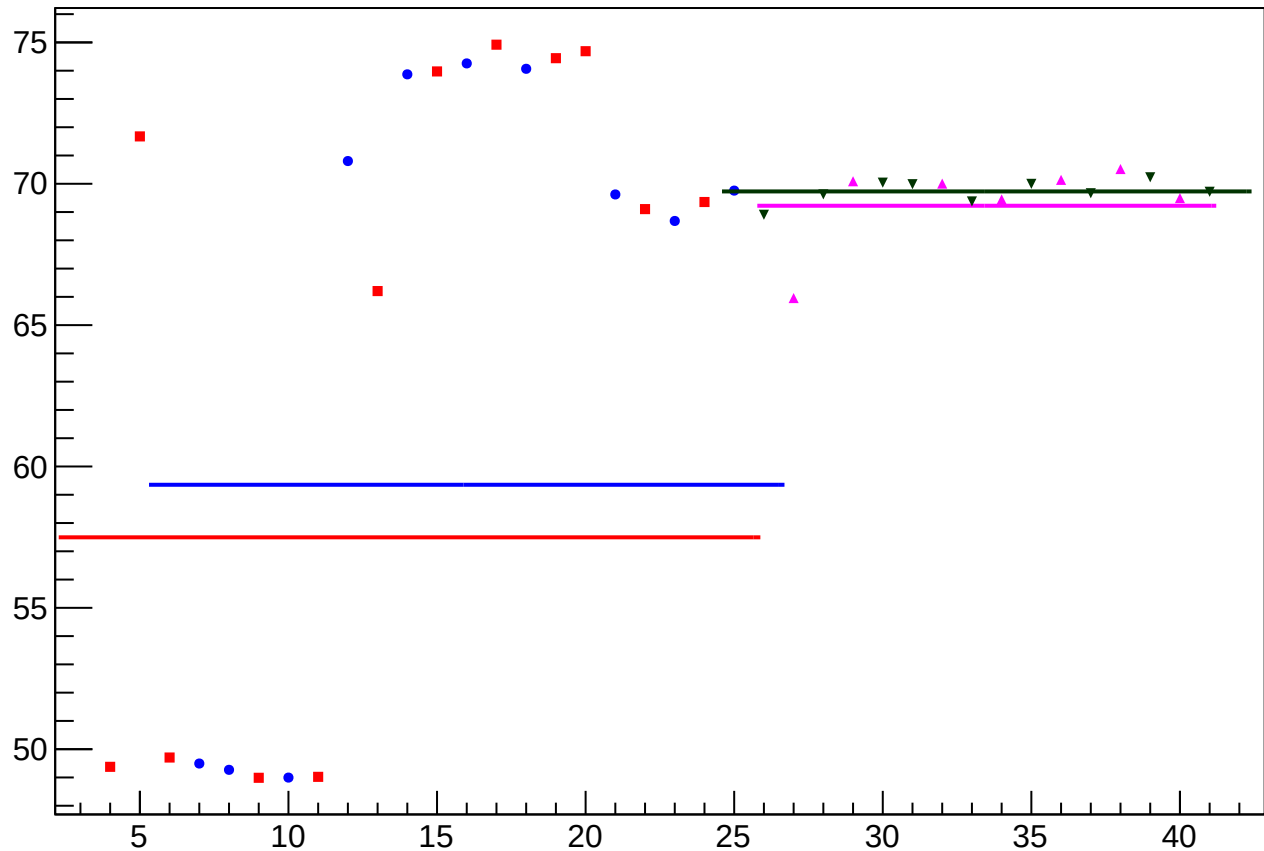
Right Out: 0.001+/-0.000 χ^2/NDF : 6649150.6/11

Left In: 0.179+/-0.000 χ^2/NDF :10323.5/6

0.002+/-0.000 χ^2/NDF : 16911256.7/18

0.001+/-0.000 χ^2/NDF : 15359247.1/18

yield_bcm_dg_us_mean vs slug



Right In: 59.353+/-0.000 χ^2/NDF : 27193338504.5/9

63.287+/-0.000 χ^2/NDF : 35723270549.5/18

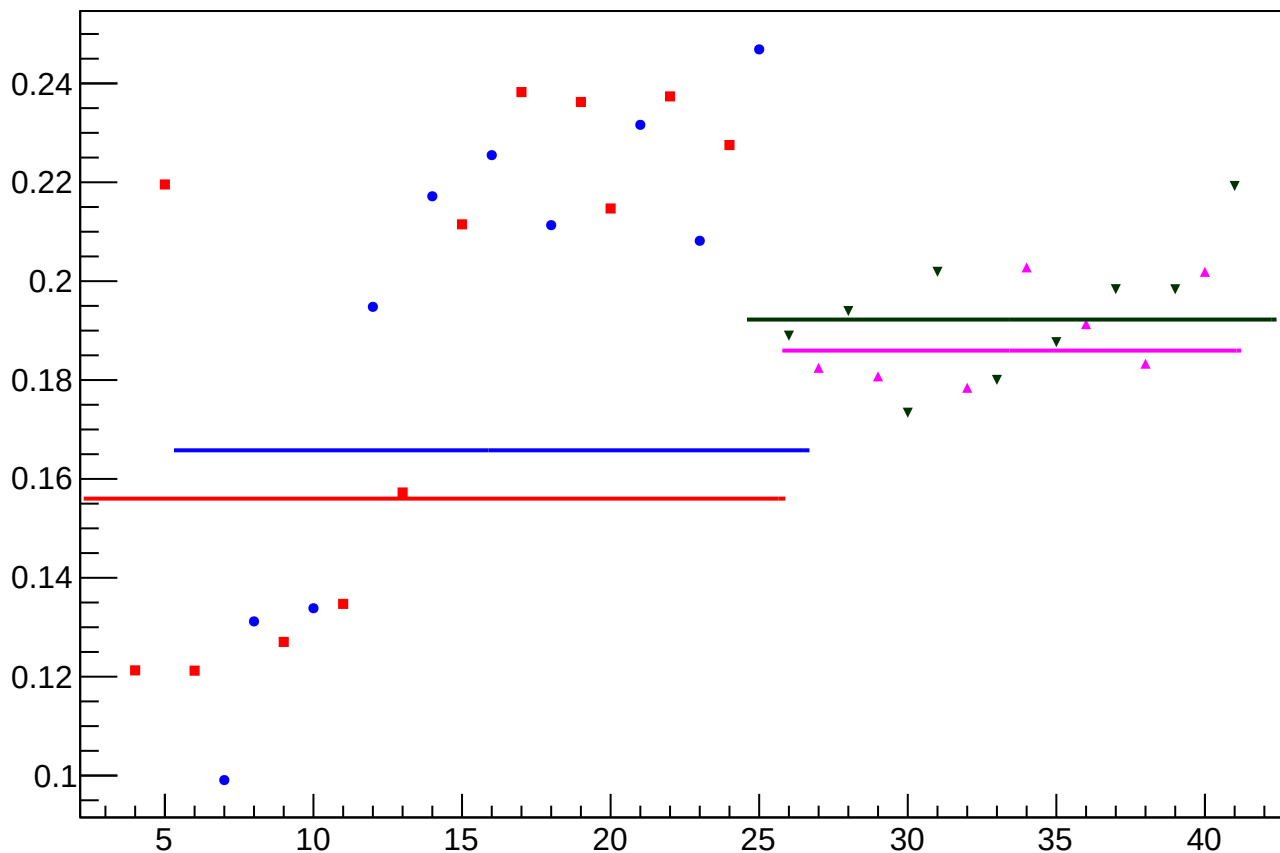
Left Out: 69.729+/-0.000 χ^2/NDF : 18291465.3/8

Right Out: 57.494+/-0.000 χ^2/NDF : 25320800059.8/11

61.704+/-0.000 χ^2/NDF : 36893270802.2/18

Left In: 69.223+/-0.000 χ^2/NDF : 332496224.4/6

yield_bcm_dg_us_rms vs slug



Right In: 0.166+/-0.000 χ^2/NDF : 913187.1/9

Left Out: 0.192+/-0.000 χ^2/NDF : 38380.6/8

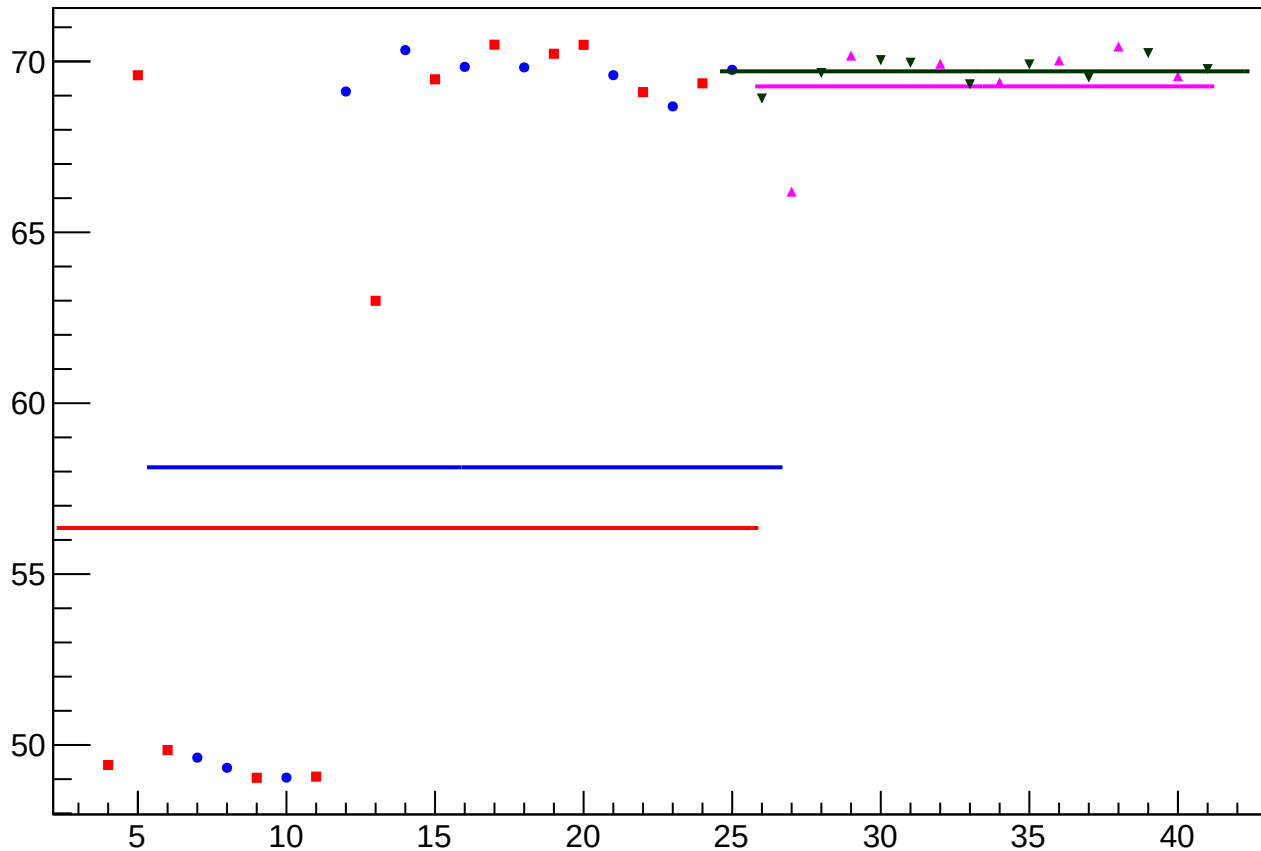
Right Out: 0.156+/-0.000 χ^2/NDF : 828596.5/11

Left In: 0.186+/-0.000 χ^2/NDF : 18620.7/6

0.176+/-0.000 χ^2/NDF : 1062174.3/18

0.167+/-0.000 χ^2/NDF : 993680.8/18

yield_bcm_dg_ds_mean vs slug



Right In: 58.124+/-0.000 χ^2/NDF : 22280726970.9/9

Left Out: 69.710+/-0.000 χ^2/NDF :19363520.7/8

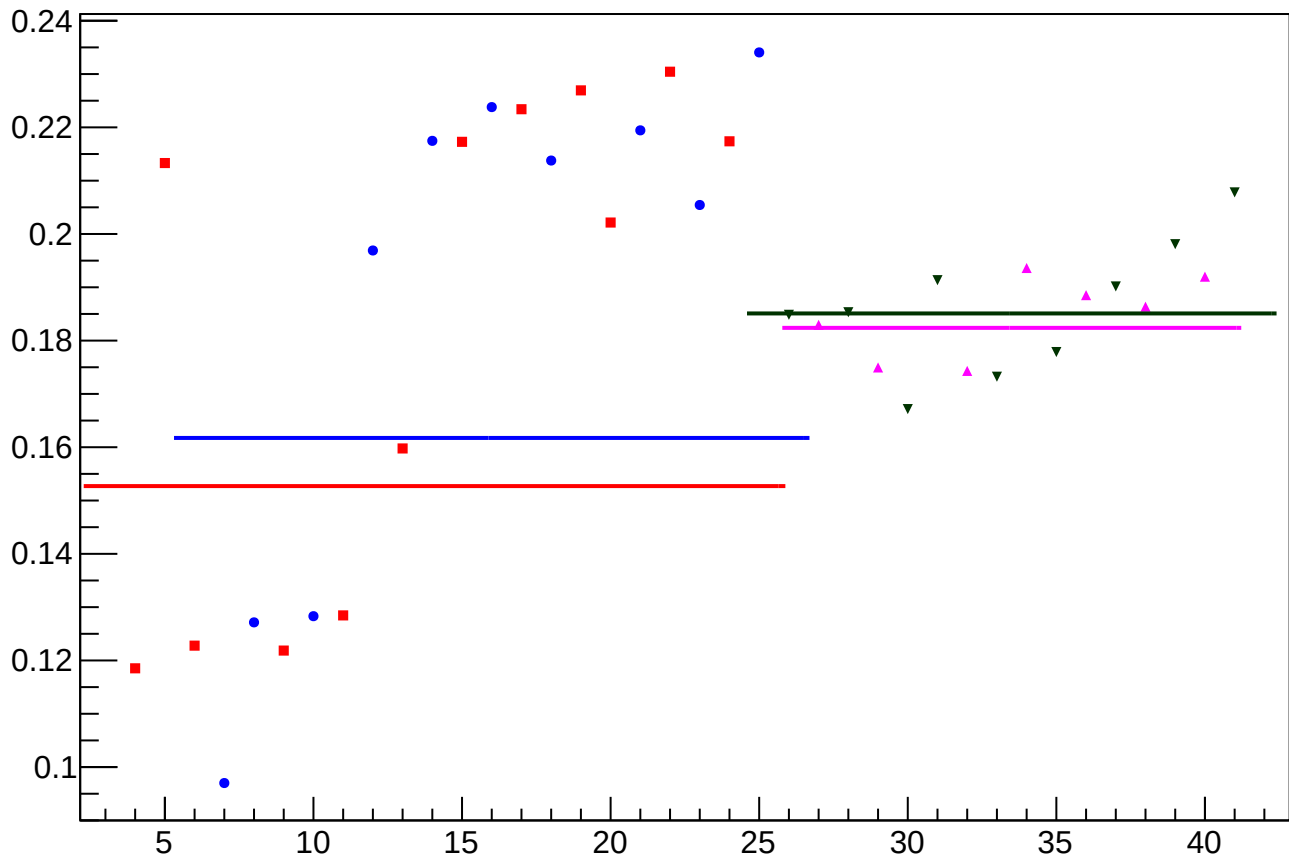
62.600+/-0.000 χ^2/NDF : 33623518509.4/18

Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

60.981+/-0.000 χ^2/NDF : 34286072058.0/18

Left In: 69.270+/-0.000 χ^2/NDF :293160201.6/6

yield_bcm_dg_ds_rms vs slug



Right In: 0.162 $\pm$ 0.000 χ^2 /NDF: 972291.9/9

Left Out: 0.185 $\pm$ 0.000 χ^2 /NDF: 38162.8/8

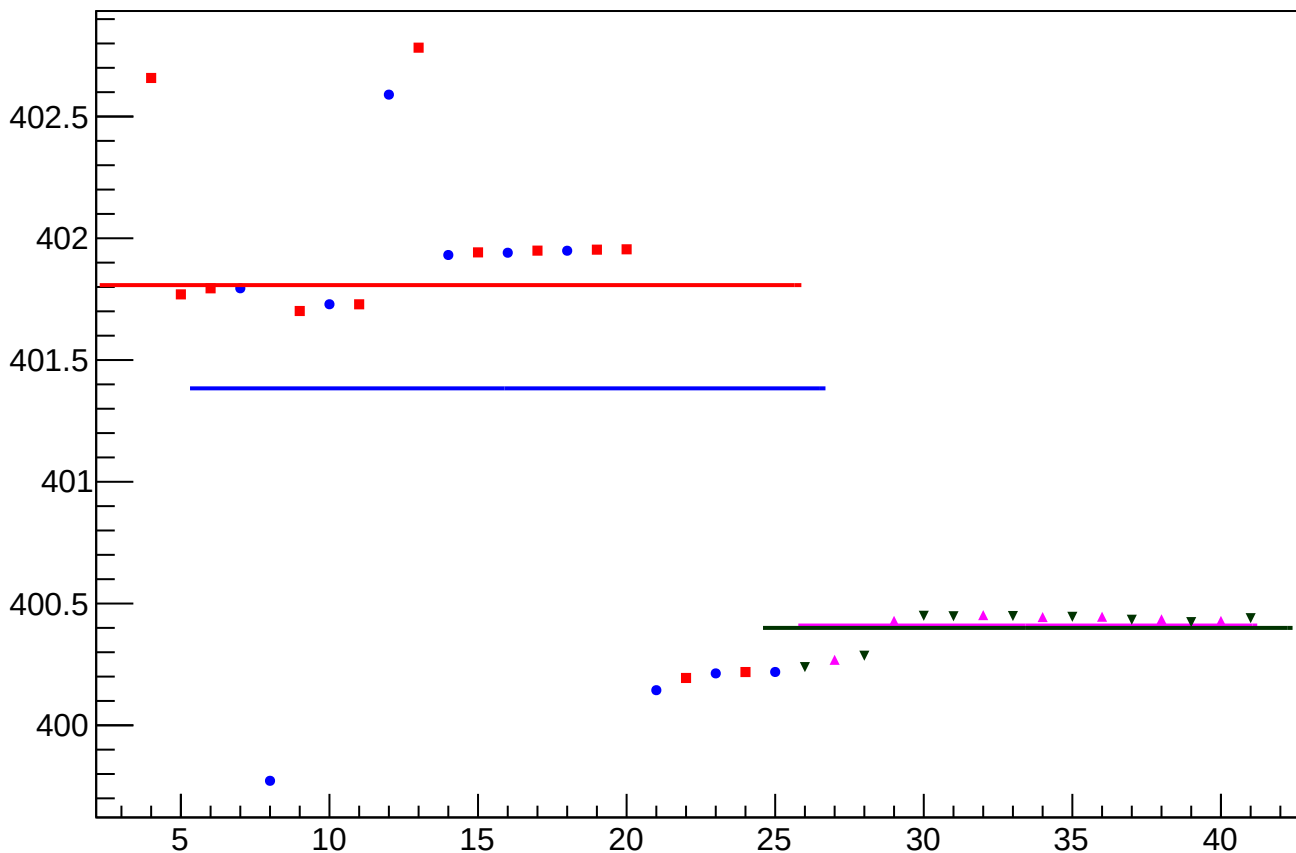
Right Out: 0.153 $\pm$ 0.000 χ^2 /NDF: 810658.6/11

Left In: 0.182 $\pm$ 0.000 χ^2 /NDF: 13761.9/6

0.171 $\pm$ 0.000 χ^2 /NDF: 1102468.1/18

0.163 $\pm$ 0.000 χ^2 /NDF: 974586.7/18

yield_cav4bQ_mean vs slug



Right In: 401.384+/-0.000 χ^2/NDF : 122440333667.5/9

Left Out: 400.400+/-0.000 χ^2/NDF : 583202068.3/8

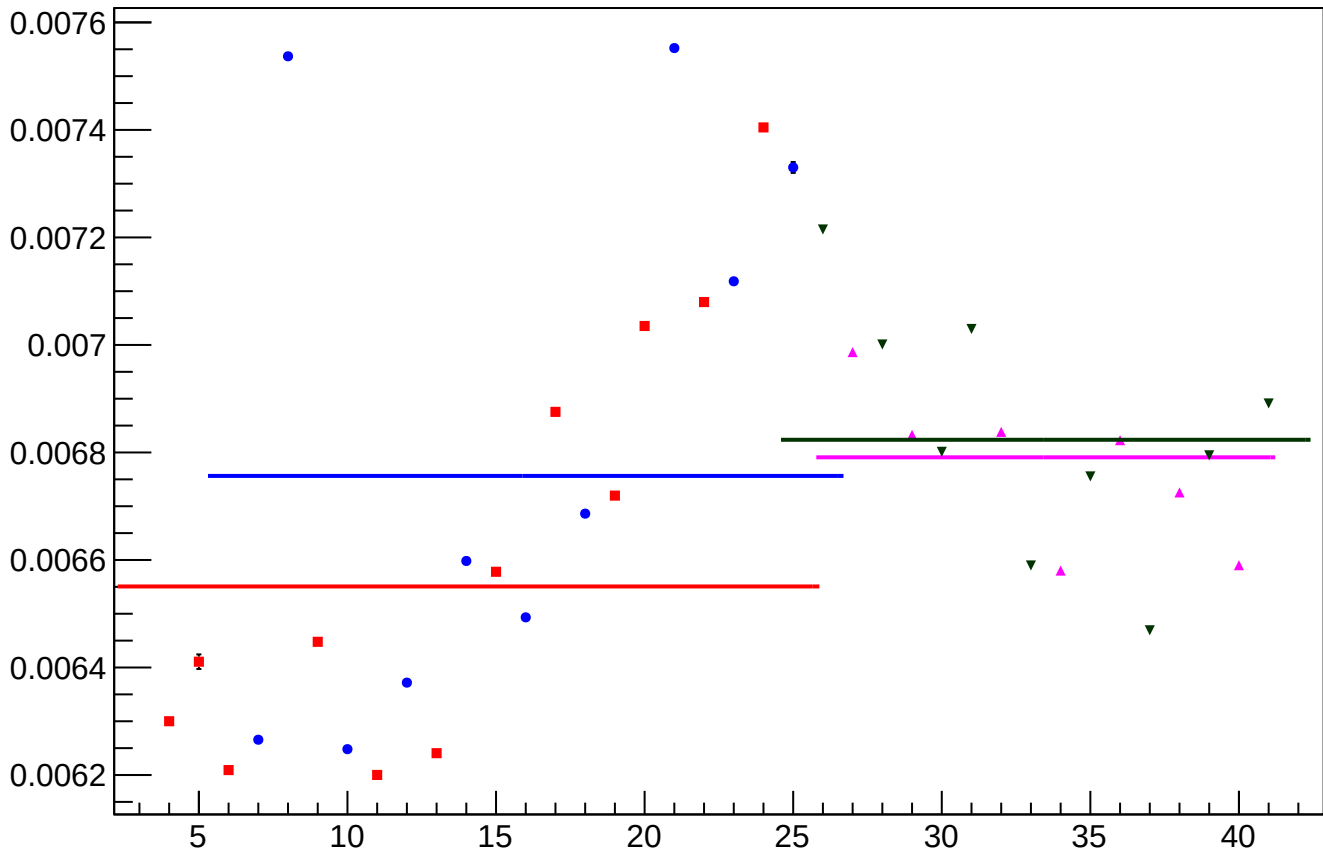
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

Left In: 400.410+/-0.000 χ^2/NDF : 428756766.7/6

400.962+/-0.000 χ^2/NDF : 181342902283.4/18

401.246+/-0.000 χ^2/NDF : 202059980033.0/18

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 62983.1/9

Left Out: 0.007+/-0.000 χ^2/NDF : 9259.2/8

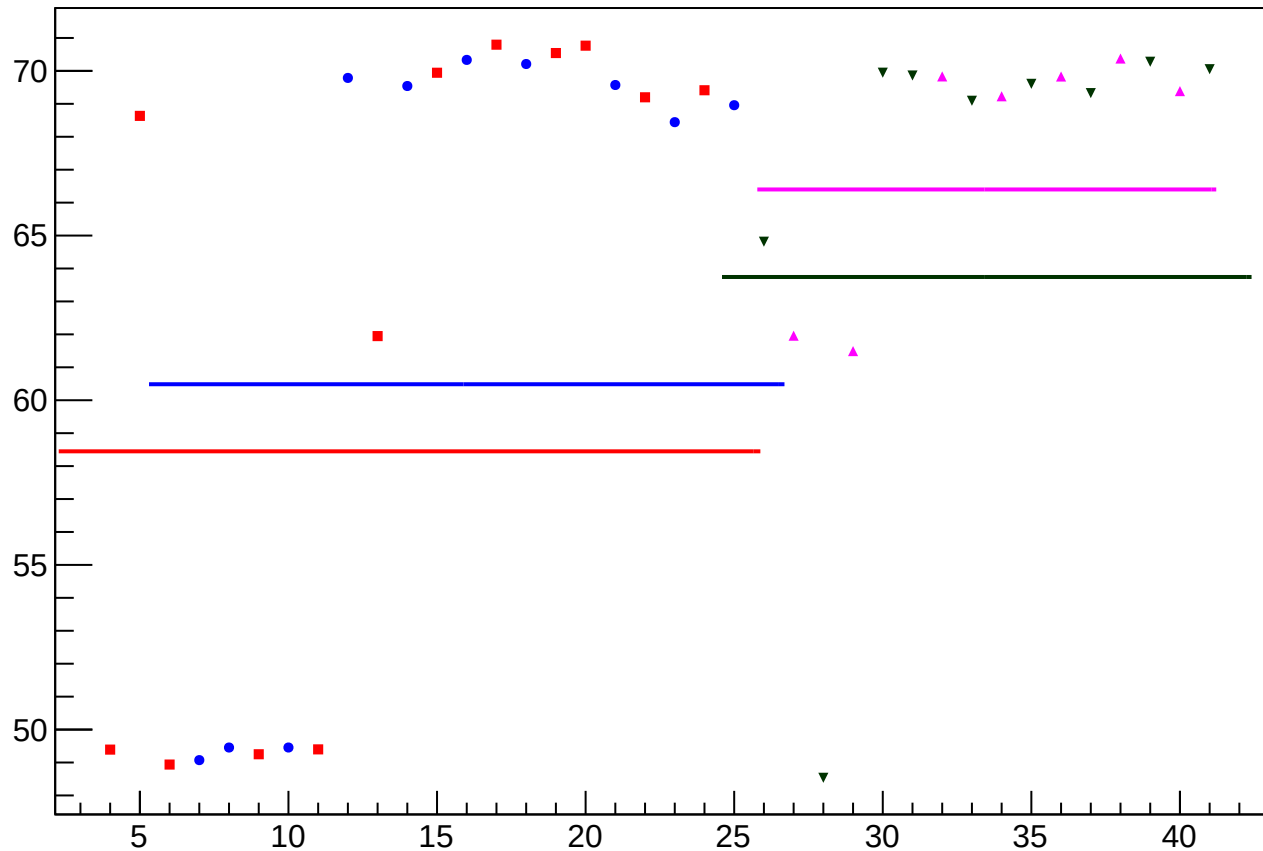
0.007+/-0.000 χ^2/NDF : 72786.8/18

Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

0.007+/-0.000 χ^2/NDF : 52539.6/18

Left In: 0.007+/-0.000 χ^2/NDF : 3542.9/6

yield_cav4cQ_mean vs slug



Right In: 60.486+/-0.000 χ^2/NDF : 13941426151.6/9

Left Out: 63.742+/-0.000 χ^2/NDF : 8321848357.1/8

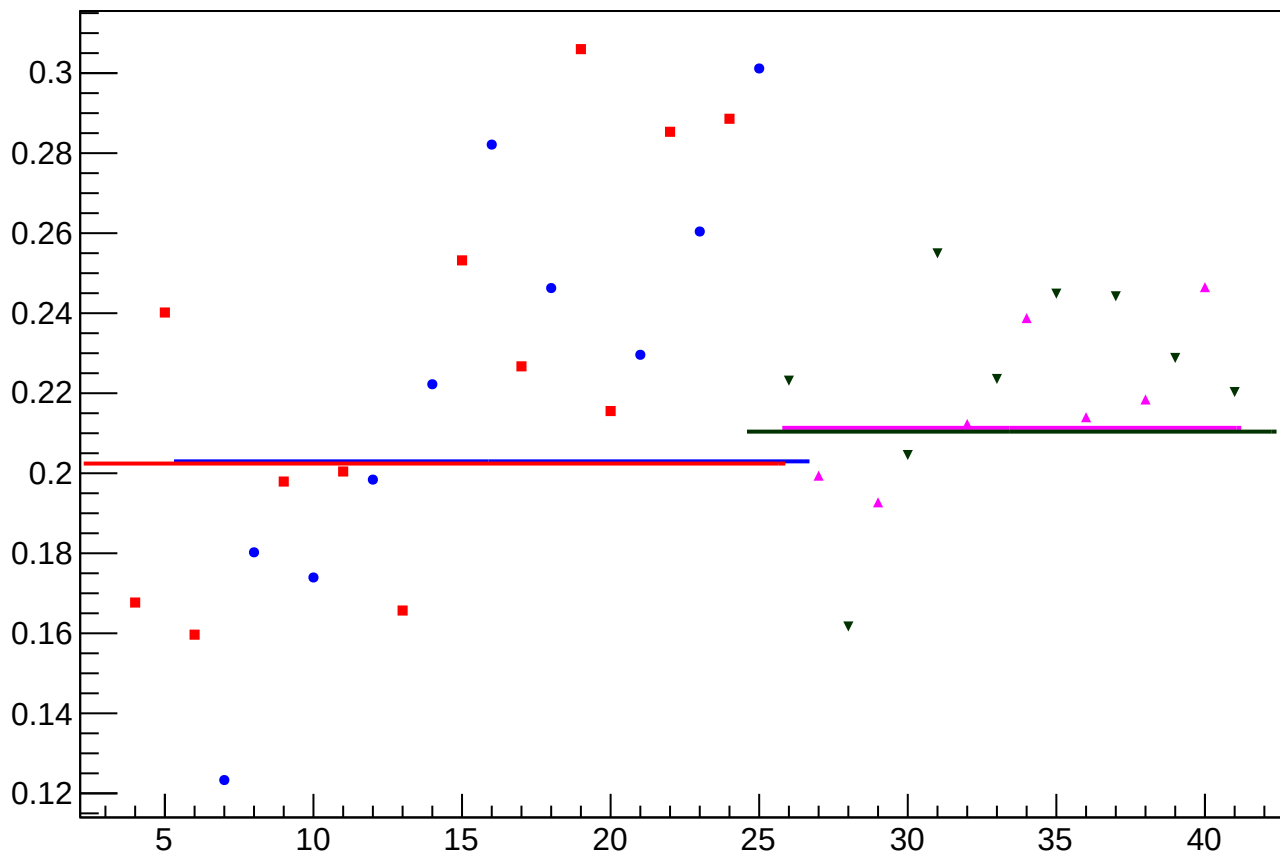
61.850+/-0.000 χ^2/NDF : 22870382763.3/18

Right Out: 58.449+/-0.000 χ^2/NDF : 11367122273.9/11

61.738+/-0.000 χ^2/NDF : 16203618660.5/18

Left In: 66.400+/-0.000 χ^2/NDF : 1452195190.7/6

yield_cav4cQ_rms vs slug



Right In: 0.203+/-0.000 χ^2/NDF : 509389.5/9

Left Out: 0.210+/-0.000 χ^2/NDF : 197509.9/8

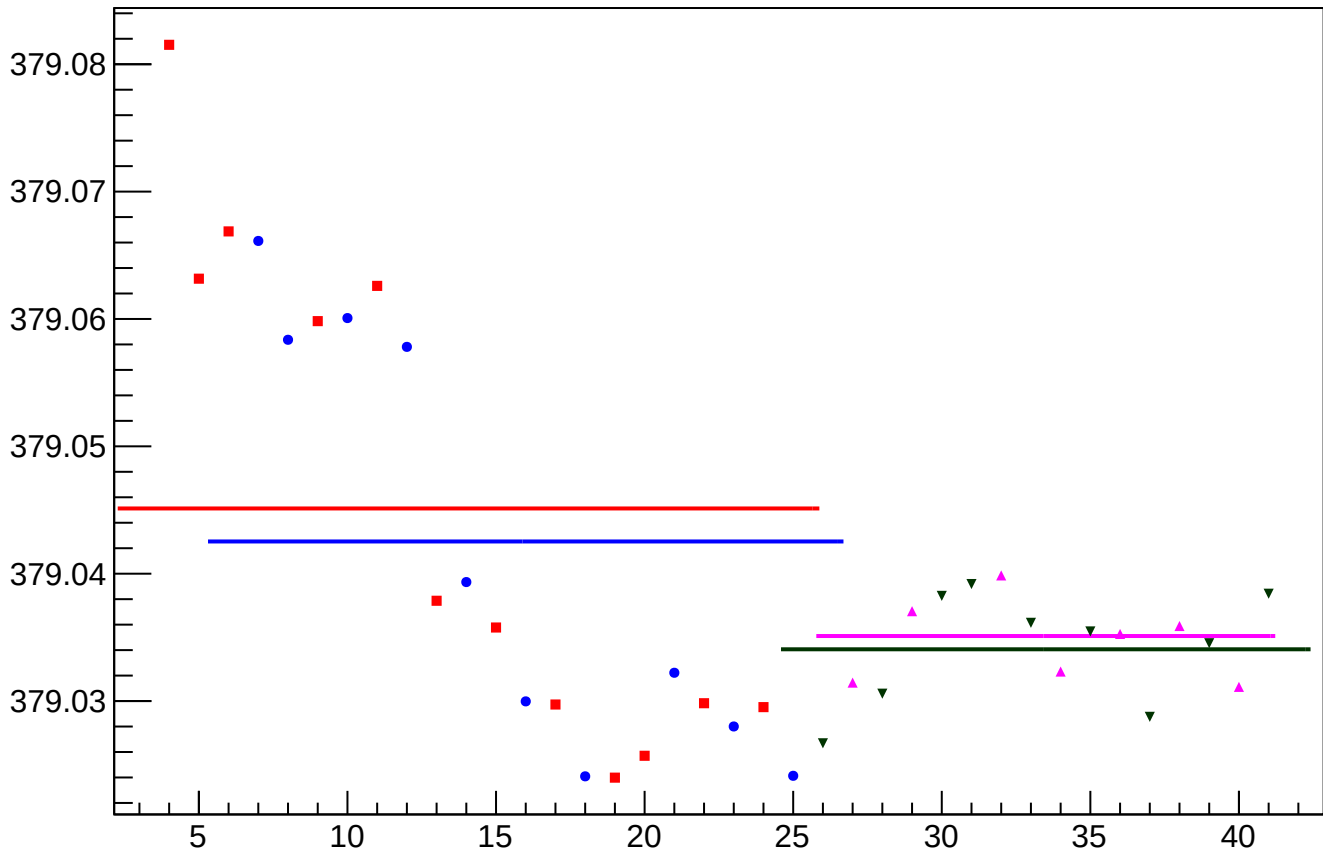
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.211+/-0.000 χ^2/NDF : 49835.2/6

0.206+/-0.000 χ^2/NDF : 713221.7/18

0.206+/-0.000 χ^2/NDF : 536002.1/18

yield_cav4dQ_mean vs slug



Right In: 379.043+/-0.000 χ^2/NDF : 28431706.3/9

Left Out: 379.034+/-0.000 χ^2/NDF :1785823.7/8

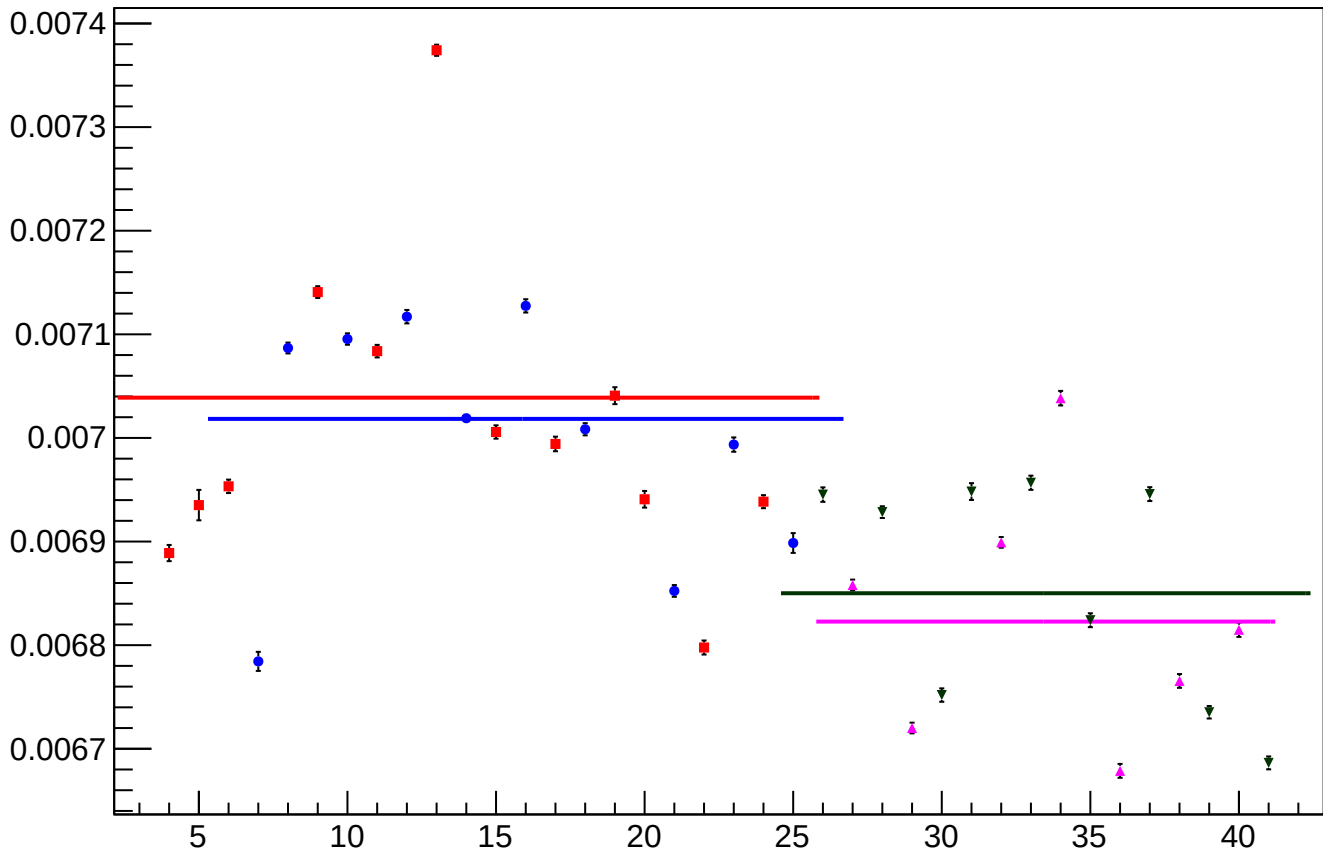
379.039+/-0.000 χ^2/NDF : 34402954.2/18

Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

379.041+/-0.000 χ^2/NDF : 47543409.8/18

Left In: 379.035+/-0.000 χ^2/NDF :994731.8/6

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2564.7/9

Left Out: 0.007+/-0.000 χ^2/NDF :2266.9/8

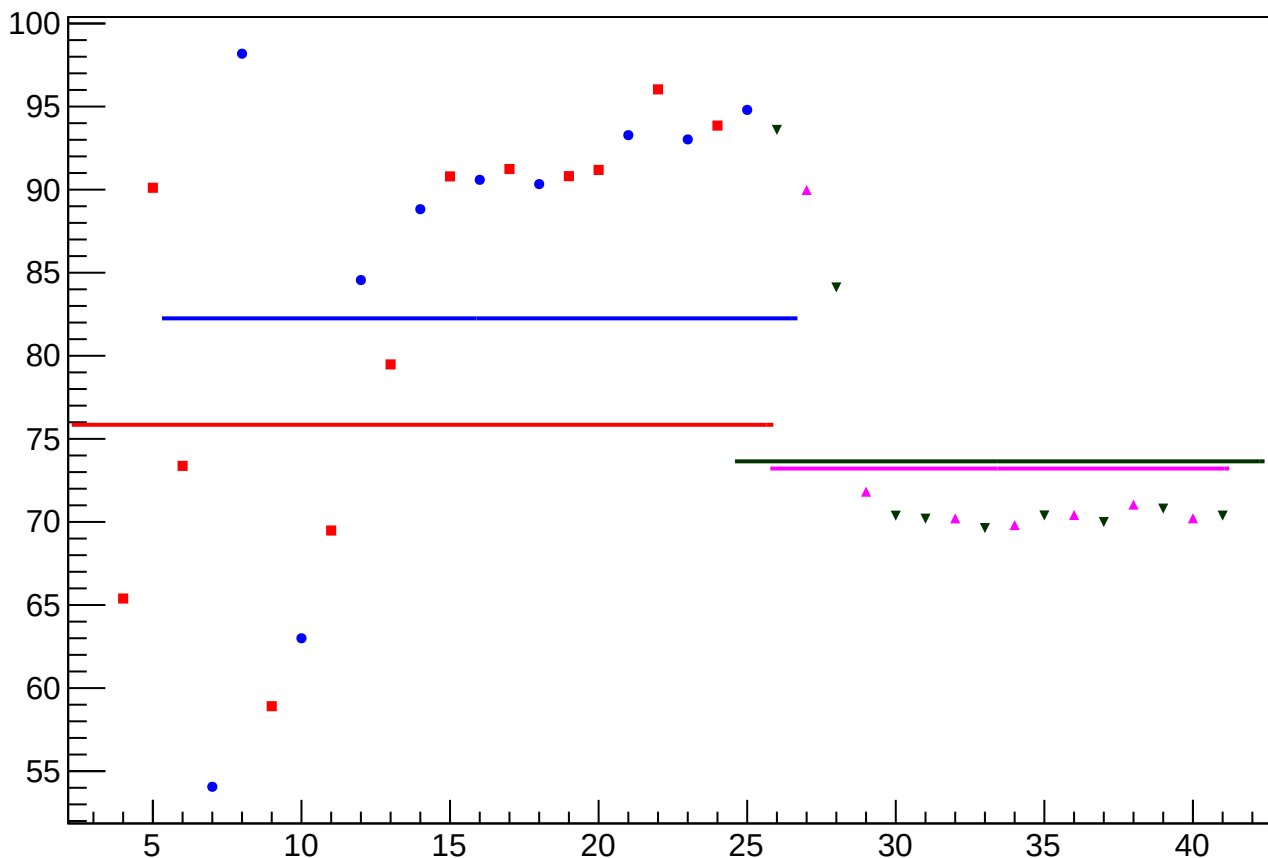
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF :2140.6/6

0.007+/-0.000 χ^2/NDF : 8138.8/18

0.007+/-0.000 χ^2/NDF : 13962.0/18

yield_bcm0l02_mean vs slug



Right In: 82.252+/-0.000 χ^2/NDF : 15262784556.8/9

Left Out: 73.647+/-0.000 χ^2/NDF : 3620597332.0/8

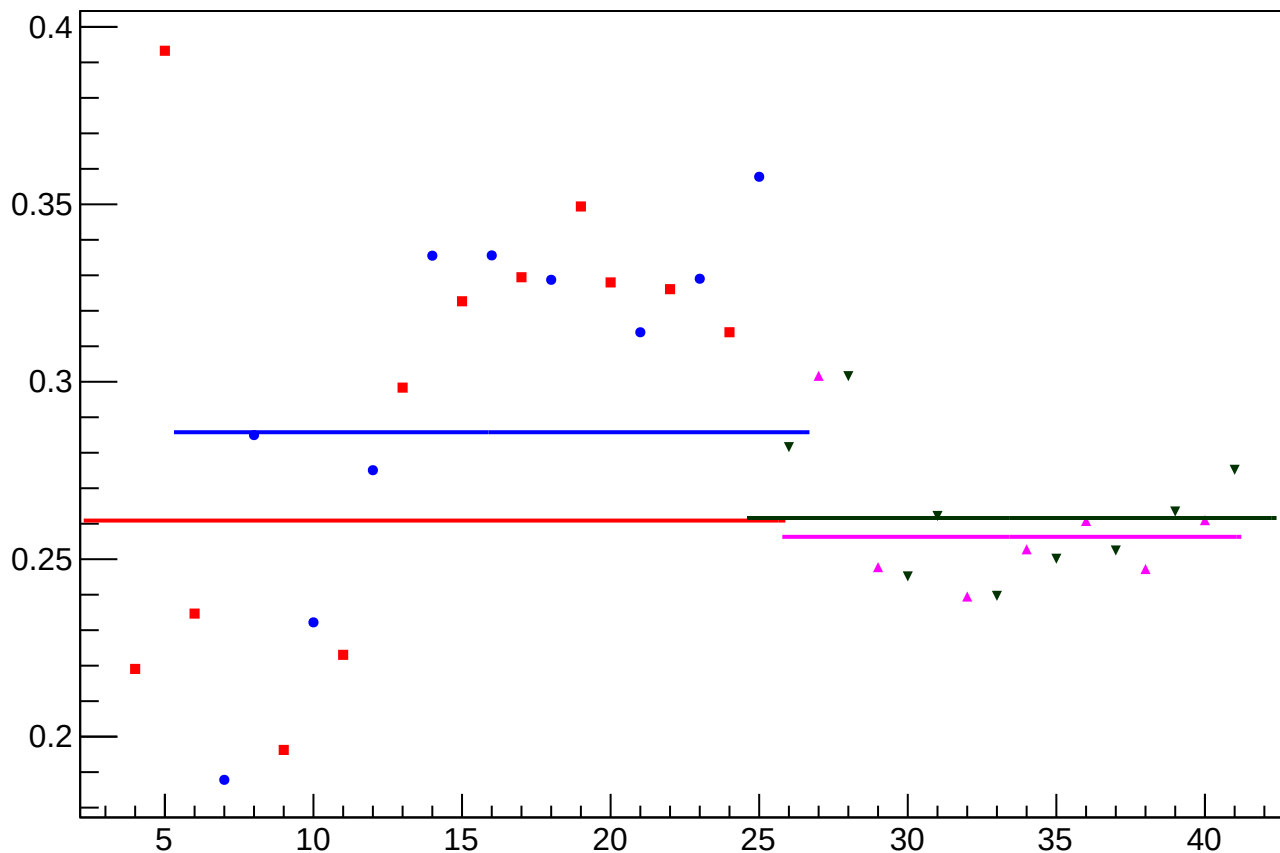
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 73.214+/-0.000 χ^2/NDF : 2803017337.3/6

78.058+/-0.000 χ^2/NDF : 21371391991.5/18

74.658+/-0.000 χ^2/NDF : 16533015408.2/18

yield_bcm0l02_rms vs slug



Right In: 0.286 ± 0.000 χ^2/NDF : 344343.4/9

Left Out: 0.262 ± 0.000 χ^2/NDF : 43355.0/8

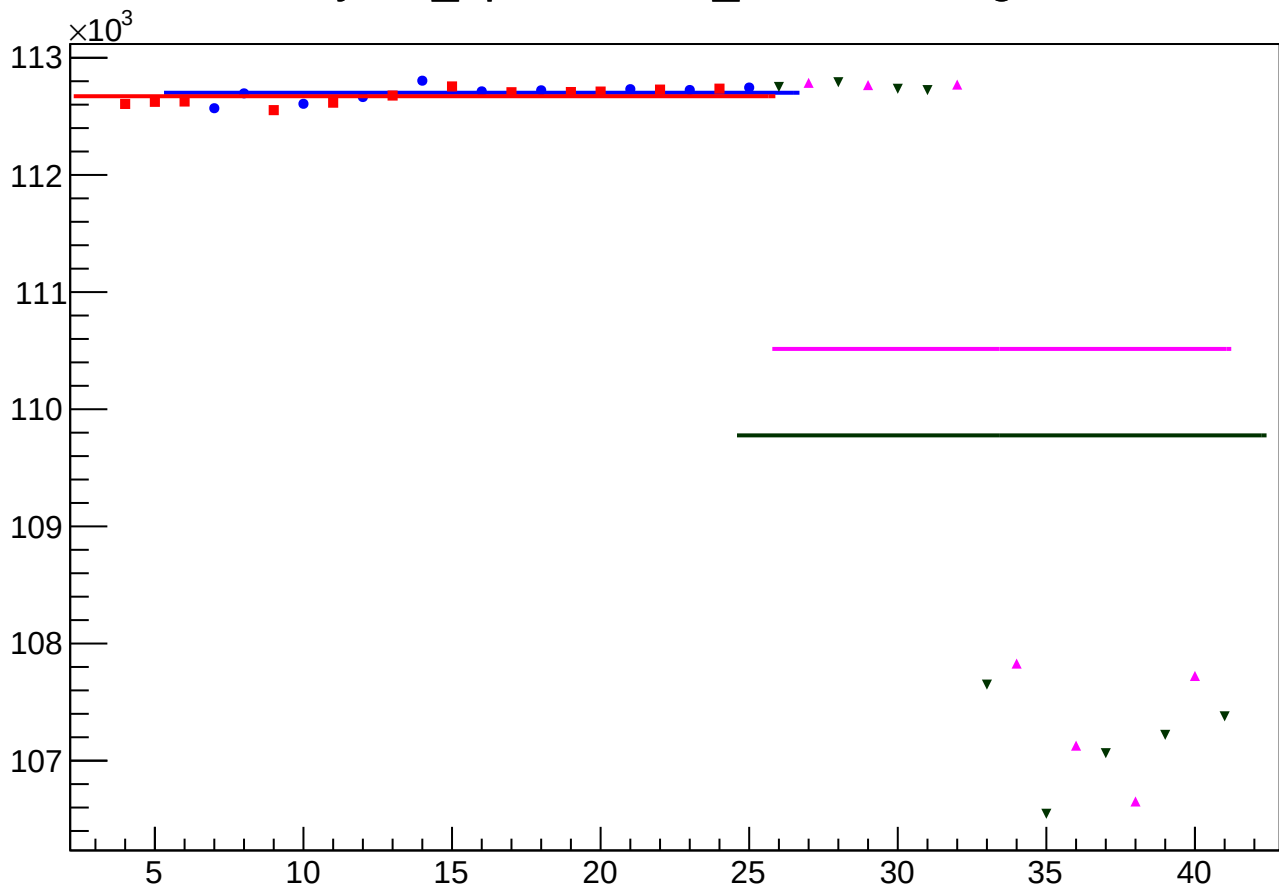
Right Out: 0.261 ± 0.000 χ^2/NDF : 481520.7/11

Left In: 0.256 ± 0.000 χ^2/NDF : 47419.9/6

0.274 ± 0.000 χ^2/NDF : 426946.9/18

0.259 ± 0.000 χ^2/NDF : 530440.1/18

yield_bpm2i01WS_mean vs slug



Right In: 112701.637 $\pm$ 0.042 χ^2 /NDF: 1698384.2/9

Left Out: 109776.884 $\pm$ 0.055 χ^2 /NDF: 2619025905.6/8

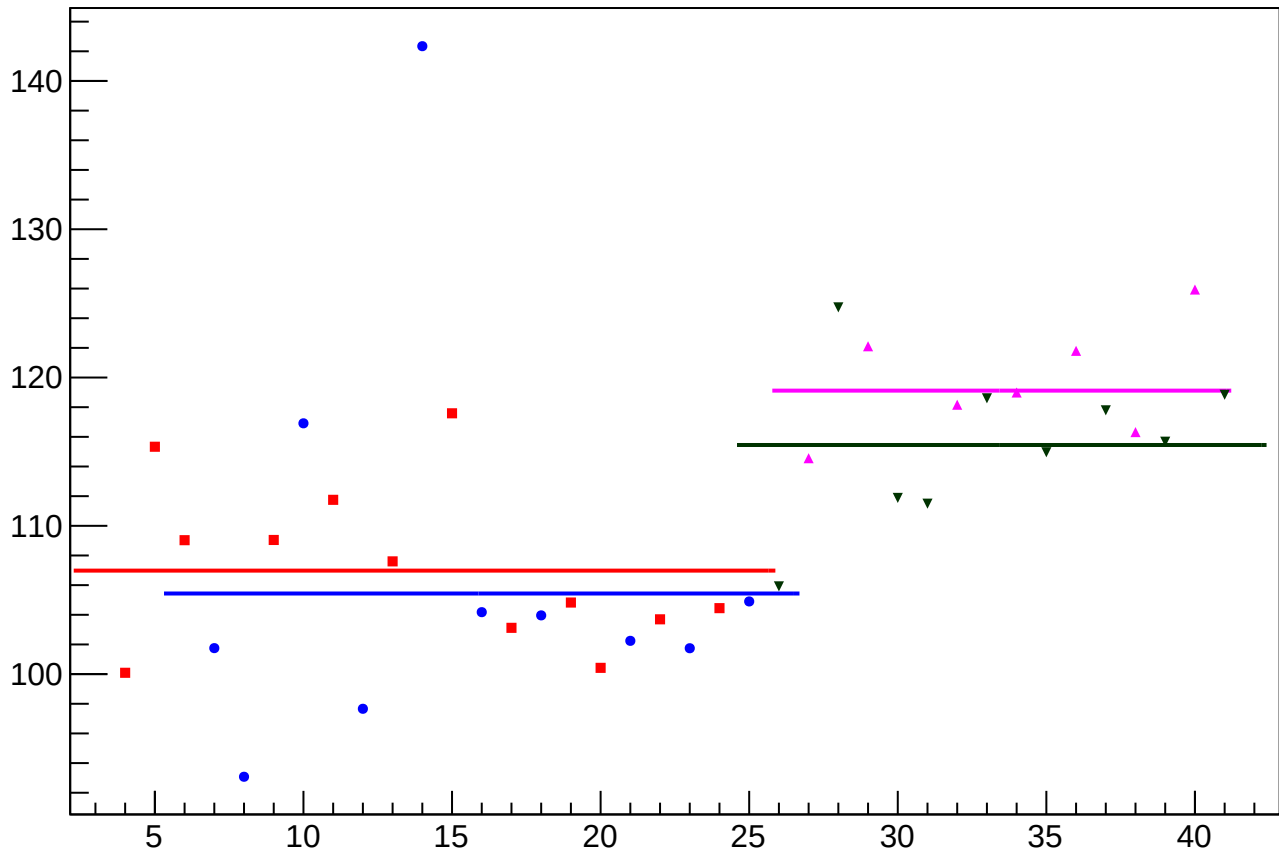
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 110514.875 $\pm$ 0.058 χ^2 /NDF: 2192360982.6/6

111602.311 $\pm$ 0.034 χ^2 /NDF: 4403422083.9/18

111895.903 $\pm$ 0.035 χ^2 /NDF: 3081826862.7/18

yield_bpm2i01WS_rms vs slug



Right In: 105.436 $\pm$ 0.030 χ^2 /NDF: 188338.4/9

Left Out: 115.451 $\pm$ 0.039 χ^2 /NDF: 18780.1/8

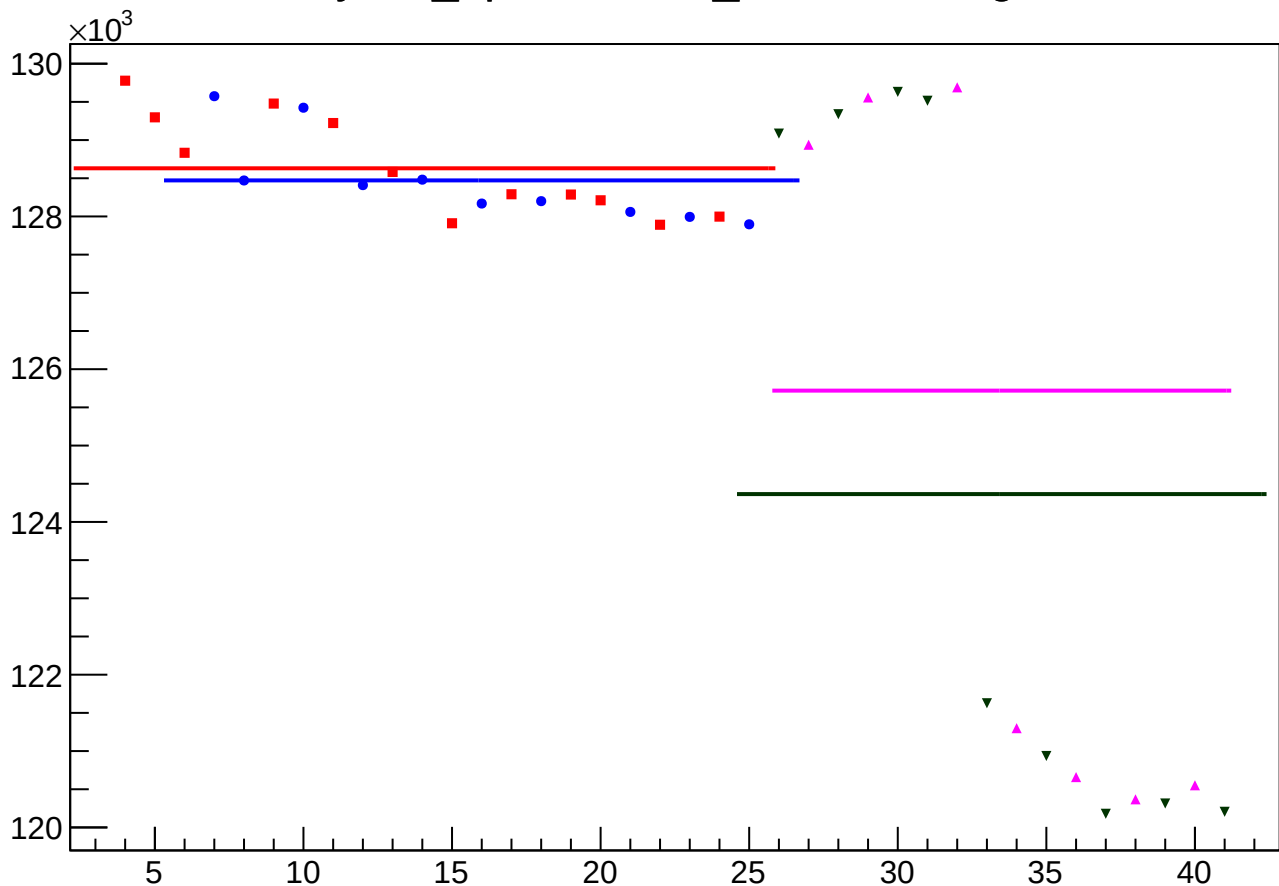
Right Out: 106.980 $\pm$ 0.031 χ^2 /NDF: 22698.2/11

Left In: 119.117 $\pm$ 0.041 χ^2 /NDF: 6997.3/6

109.200 $\pm$ 0.024 χ^2 /NDF: 248925.4/18

111.346 $\pm$ 0.025 χ^2 /NDF: 85891.6/18

yield_bpm0i07WS_mean vs slug



Right In: 128471.922 $\pm$ 0.071 χ^2 /NDF: 39310525.0/9

Left Out: 124364.703 $\pm$ 0.094 χ^2 /NDF: 2179055204.7/8

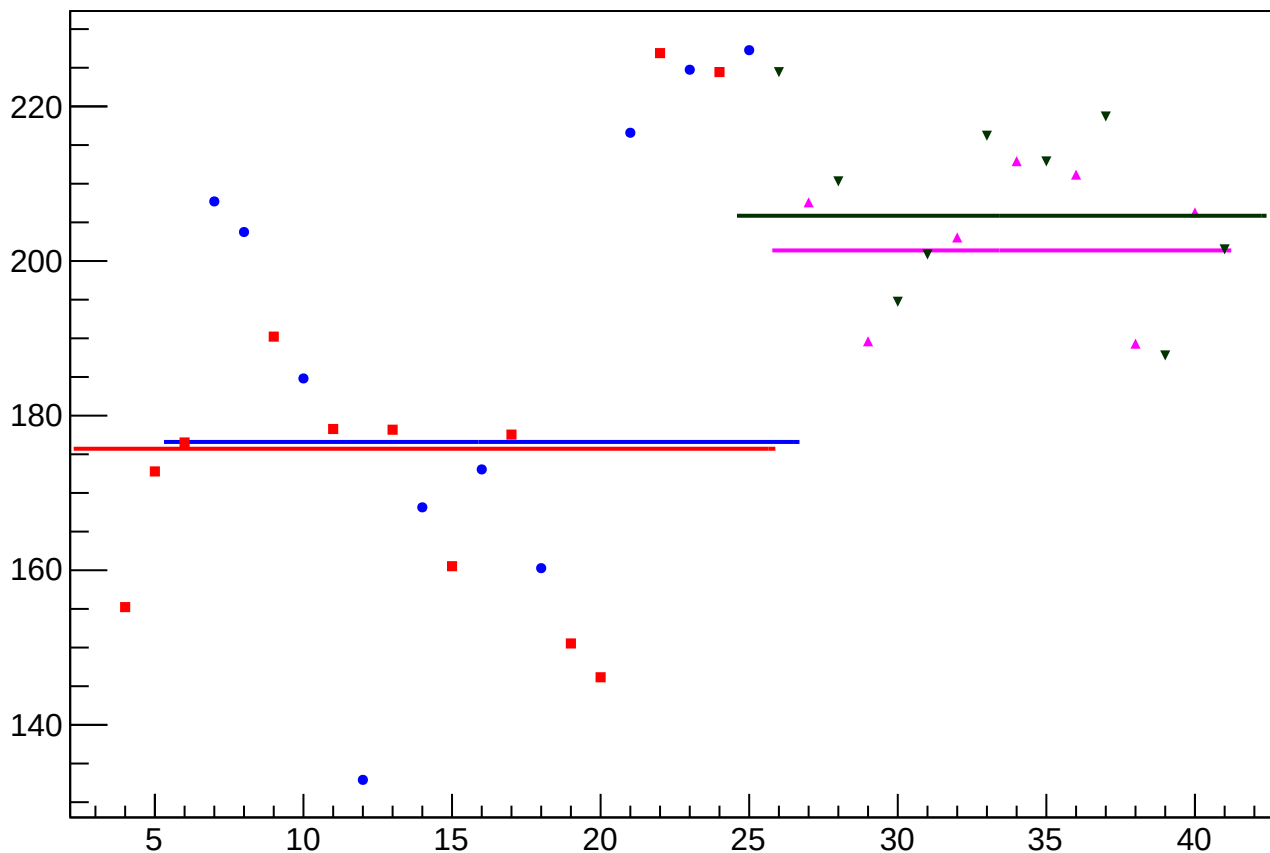
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

Left In: 125719.439 $\pm$ 0.094 χ^2 /NDF: 2104086310.7/6

126981.297 $\pm$ 0.057 χ^2 /NDF: 3437642860.9/18

127574.847 $\pm$ 0.057 χ^2 /NDF: 2782355556.1/18

yield_bpm0i07WS_rms vs slug



Right In: 176.597 $\pm$ 0.050 χ^2 /NDF: 316543.8/9

Left Out: 205.856 $\pm$ 0.066 χ^2 /NDF: 30426.5/8

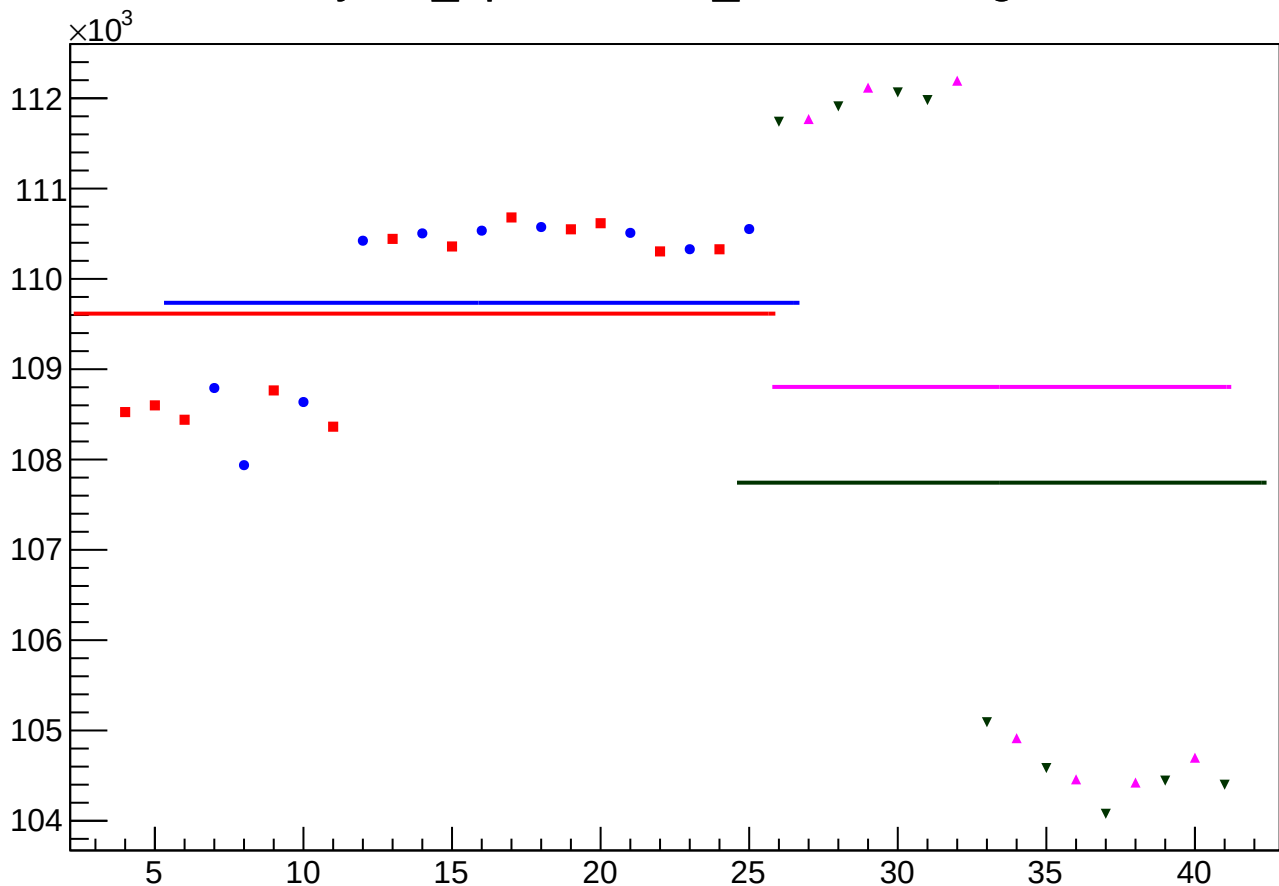
Right Out: 175.718 $\pm$ 0.050 χ^2 /NDF: 188443.6/11

Left In: 201.370 $\pm$ 0.067 χ^2 /NDF: 17925.0/6

187.216 $\pm$ 0.040 χ^2 /NDF: 470722.4/18

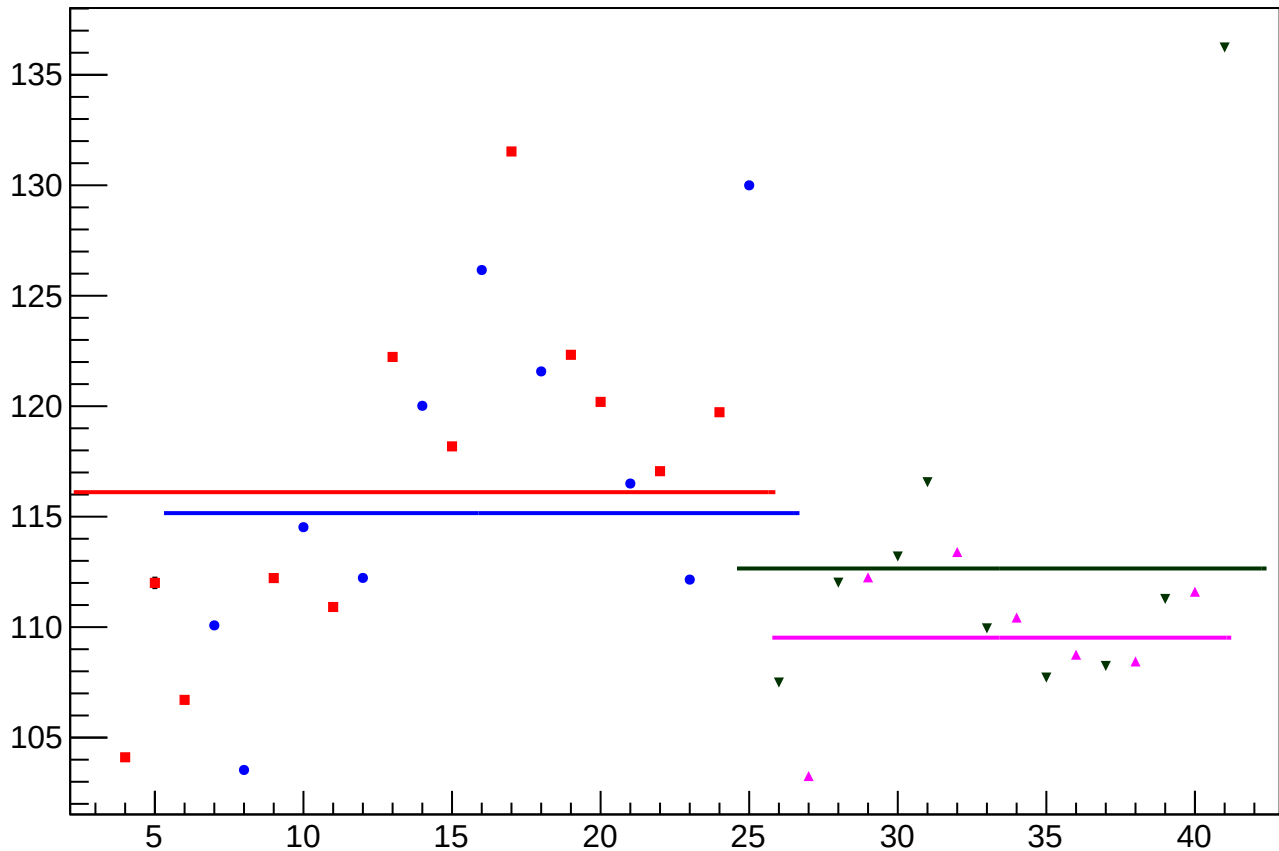
185.020 $\pm$ 0.040 χ^2 /NDF: 300848.2/18

yield_bpm0l01WS_mean vs slug



Right In: 109735.295 $\pm$ 0.046	χ^2 /NDF: 537097563.8/9	108859.336 $\pm$ 0.034	χ^2 /NDF: 6469694223.7/18
Left Out: 107743.883 $\pm$ 0.052	χ^2 /NDF: 5097450655.5/8		
Right Out: 109615.412 $\pm$ 0.047	χ^2 /NDF: 419274077.4/11	109246.909 $\pm$ 0.035	χ^2 /NDF: 5687717172.0/18
Left In: 108803.912 $\pm$ 0.051	χ^2 /NDF: 5131559990.3/6		

yield_bpm0l01WS_rms vs slug



Right In: 115.160 $\pm$ 0.032 χ^2 /NDF: 48108.4/9

Left Out: 112.654 $\pm$ 0.036 χ^2 /NDF: 41916.0/8

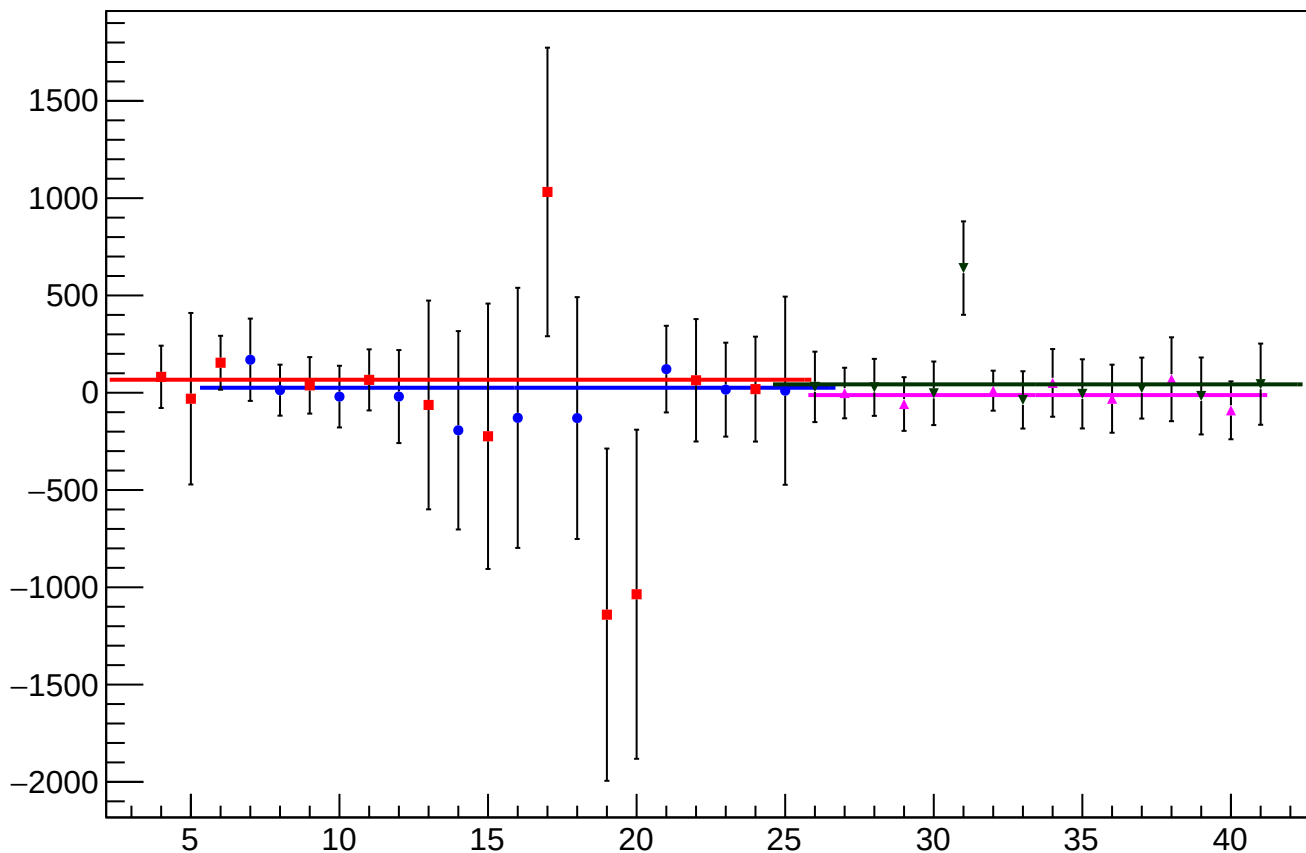
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

Left In: 109.523 $\pm$ 0.036 χ^2 /NDF: 9821.3/6

114.058 $\pm$ 0.024 χ^2 /NDF: 92669.7/18

113.118 $\pm$ 0.024 χ^2 /NDF: 71936.5/18

asym_bcm_an_ds_mean vs slug



Right In: 25.622+/-72.900 χ^2/NDF : 1.1/9

Left Out: 43.086+/-57.836 χ^2/NDF : 6.8/8

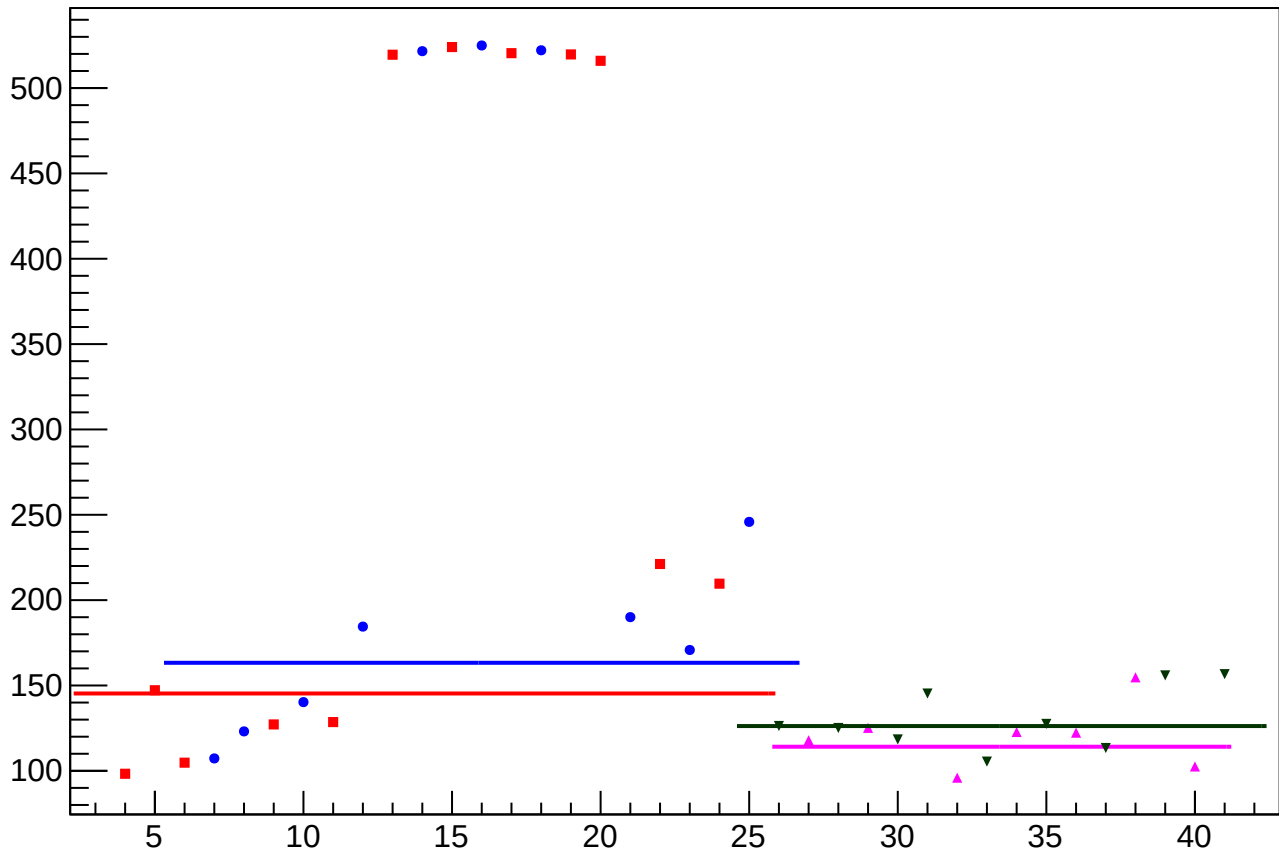
Right Out: 66.920+/-67.669 χ^2/NDF : 6.2/11

Left In: -12.000+/-54.319 χ^2/NDF : 0.7/6

36.340+/-45.309 χ^2/NDF : 7.9/18

18.926+/-42.360 χ^2/NDF : 7.7/18

asym_bcm_an_ds_rms vs slug



Right In: 163.298+/-0.052 χ^2/NDF : 2716025.4/9

Left Out: 126.231+/-0.041 χ^2/NDF :158392.0/8

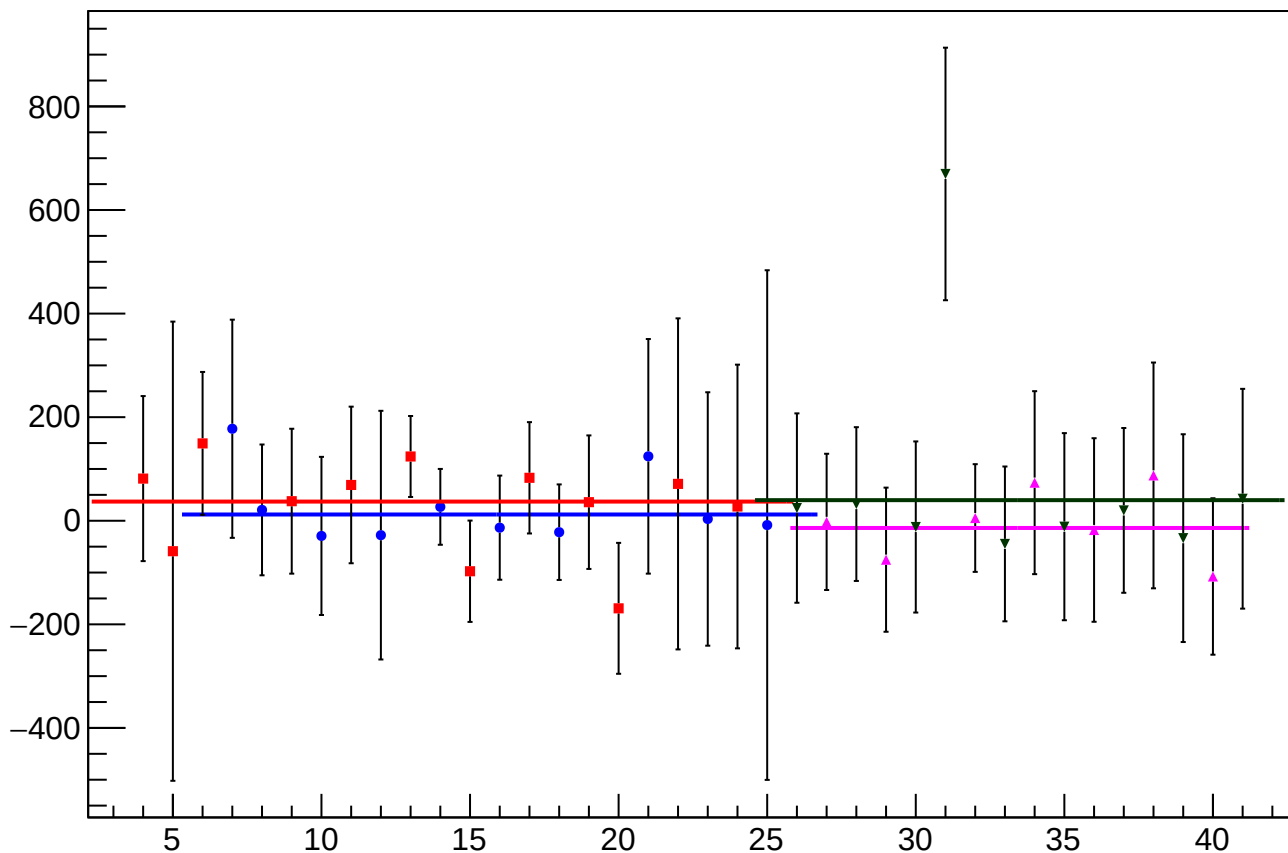
140.550+/-0.032 χ^2/NDF : 3191754.6/18

Right Out: 145.320+/-0.048 χ^2/NDF : 3498392.4/11

126.345+/-0.030 χ^2/NDF : 3926390.6/18

Left In: 114.119+/-0.038 χ^2/NDF :169415.0/6

asym_bcm_an_ds3_mean vs slug



Right In: 12.098 $\pm$ 41.208 χ^2 /NDF: 1.2/9

Left Out: 39.778 $\pm$ 58.647 χ^2 /NDF: 7.3/8

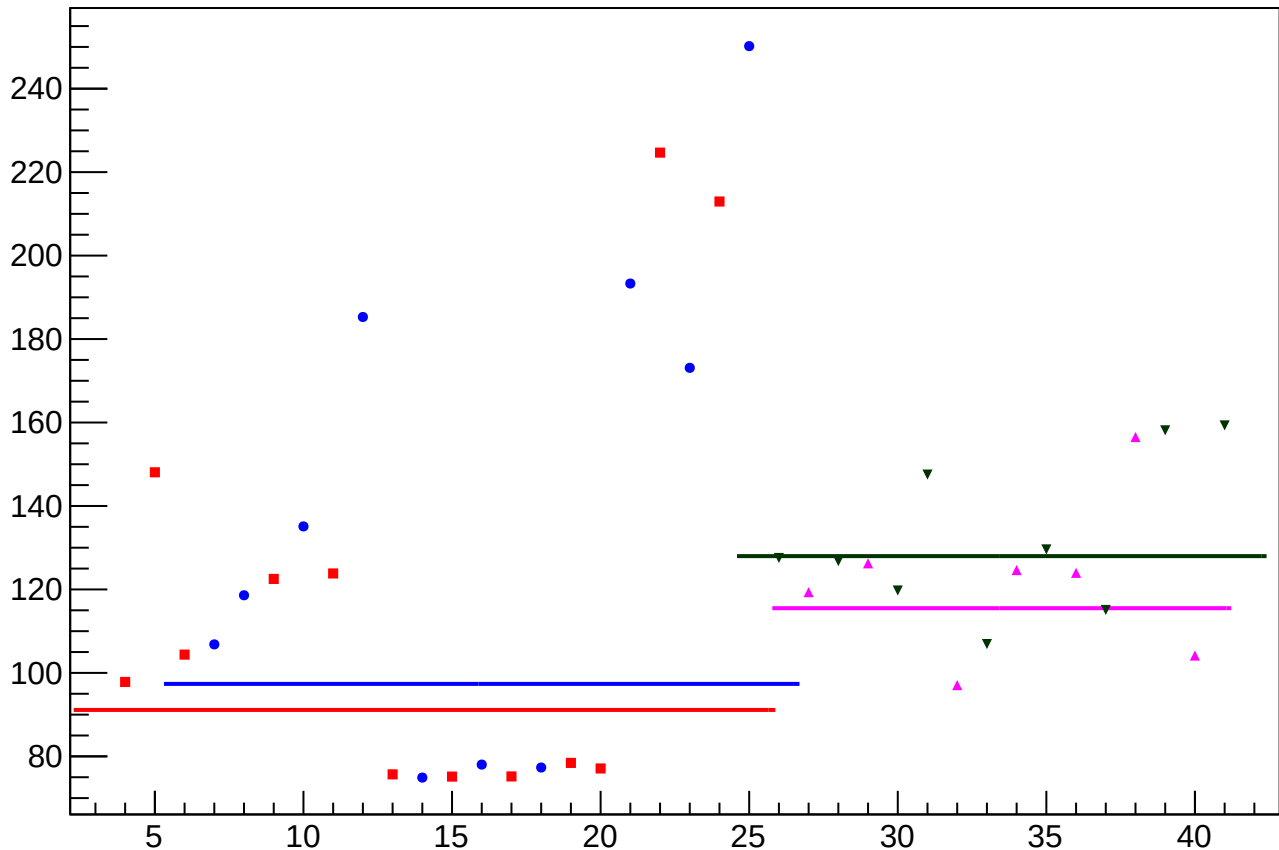
Right Out: 37.031 $\pm$ 38.001 χ^2 /NDF: 6.8/11

Left In: -13.920 $\pm$ 54.987 χ^2 /NDF: 1.1/6

21.247 $\pm$ 33.717 χ^2 /NDF: 8.7/18

20.562 $\pm$ 31.262 χ^2 /NDF: 8.5/18

asym_bcm_an_ds3_rms vs slug



Right In: 97.366+/-0.029 χ^2/NDF : 1551052.0/9

Left Out: 127.983+/-0.041 χ^2/NDF :159779.8/8

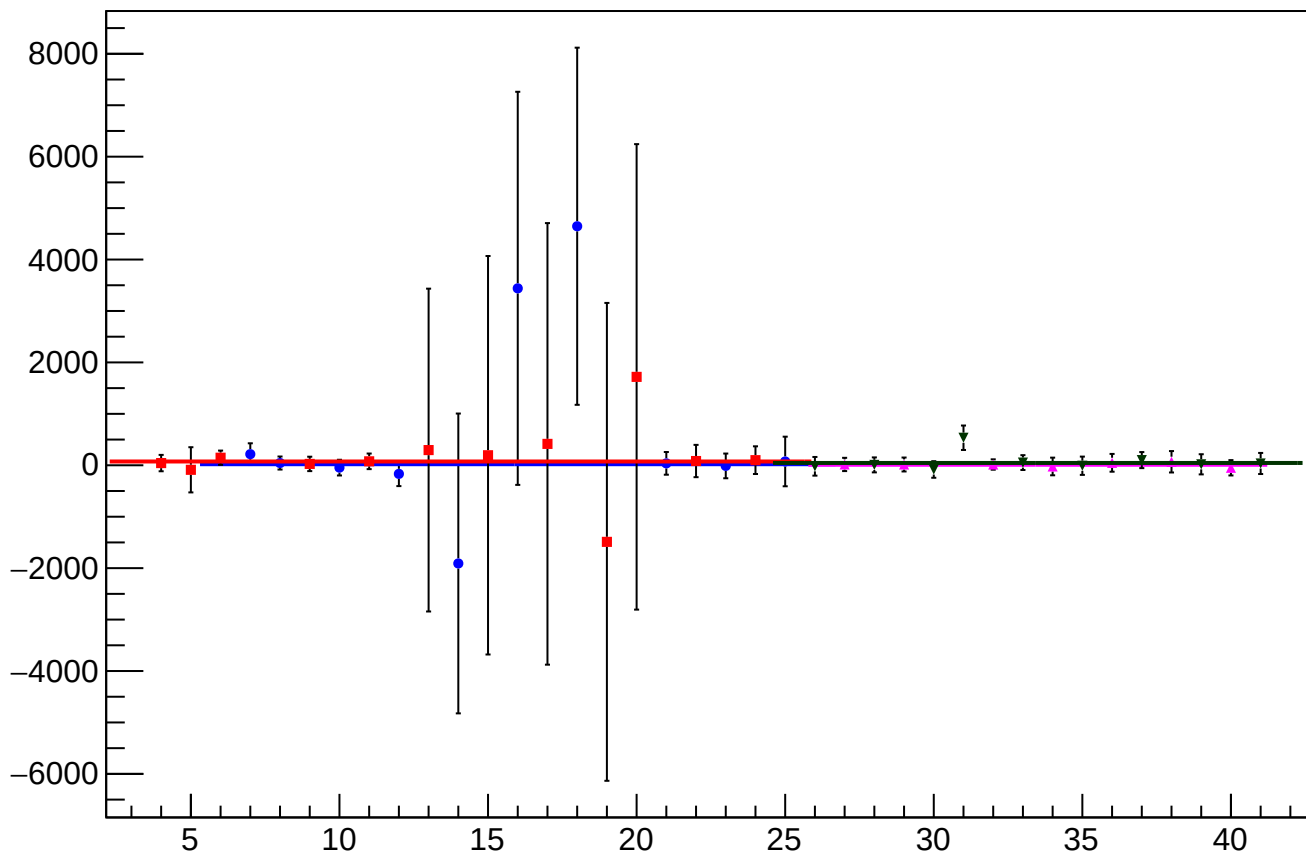
107.486+/-0.024 χ^2/NDF : 2075745.3/18

Right Out: 91.126+/-0.027 χ^2/NDF : 1213529.6/11

99.007+/-0.022 χ^2/NDF : 1648170.3/18

Left In: 115.508+/-0.039 χ^2/NDF :168509.1/6

asym_bcm_an_us_mean vs slug



Right In: 20.924+/-72.964 χ^2/NDF : 4.8/9

Left Out: 45.227+/-57.303 χ^2/NDF : 5.3/8

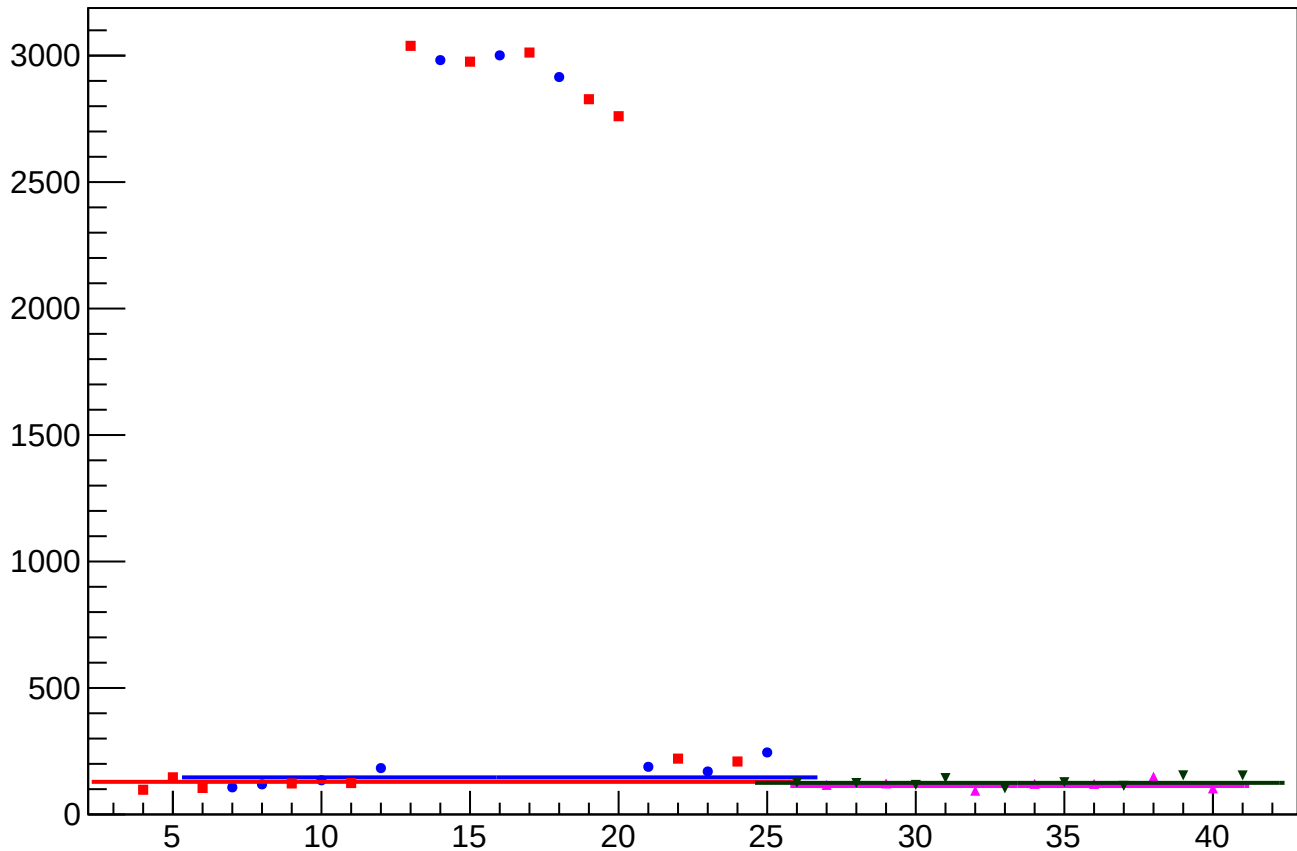
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 9.944+/-53.557 χ^2/NDF : 0.3/6

35.956+/-45.066 χ^2/NDF : 10.1/18

34.327+/-42.098 χ^2/NDF : 1.7/18

asym_bcm_an_us_rms vs slug



Right In: 146.572 $\pm$ 0.052 χ^2 /NDF: 4679005.5/9

Left Out: 124.959 $\pm$ 0.041 χ^2 /NDF: 162492.6/8

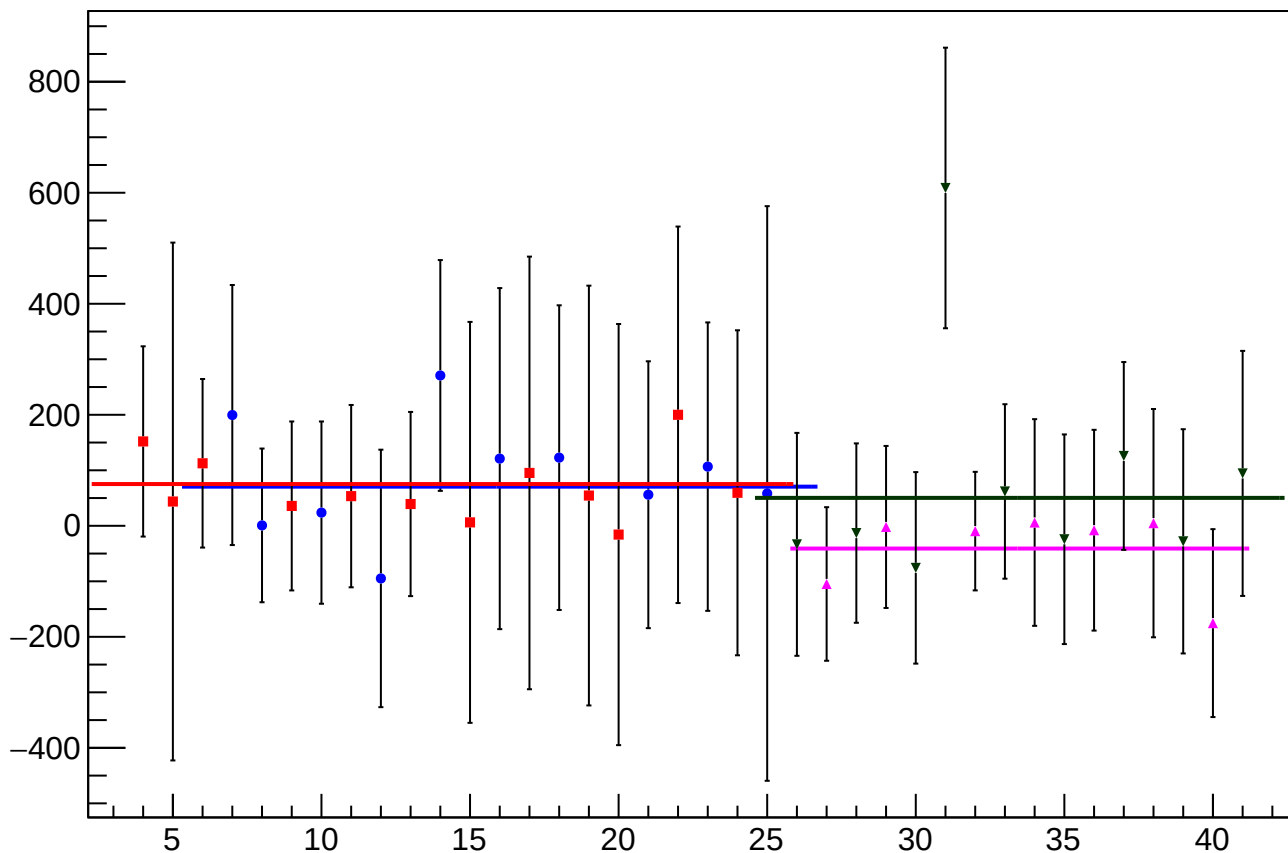
133.204 $\pm$ 0.032 χ^2 /NDF: 4950040.0/18

Right Out: 128.952 $\pm$ 0.048 χ^2 /NDF: 5549811.0/11

118.808 $\pm$ 0.030 χ^2 /NDF: 5783346.5/18

Left In: 112.533 $\pm$ 0.038 χ^2 /NDF: 161706.2/6

asym_bcm_dg_us_mean vs slug



Right In: 70.544 ± 69.178 χ^2/NDF : 2.2/9

Left Out: 59.313 ± 46.136 χ^2/NDF : 8.5/18

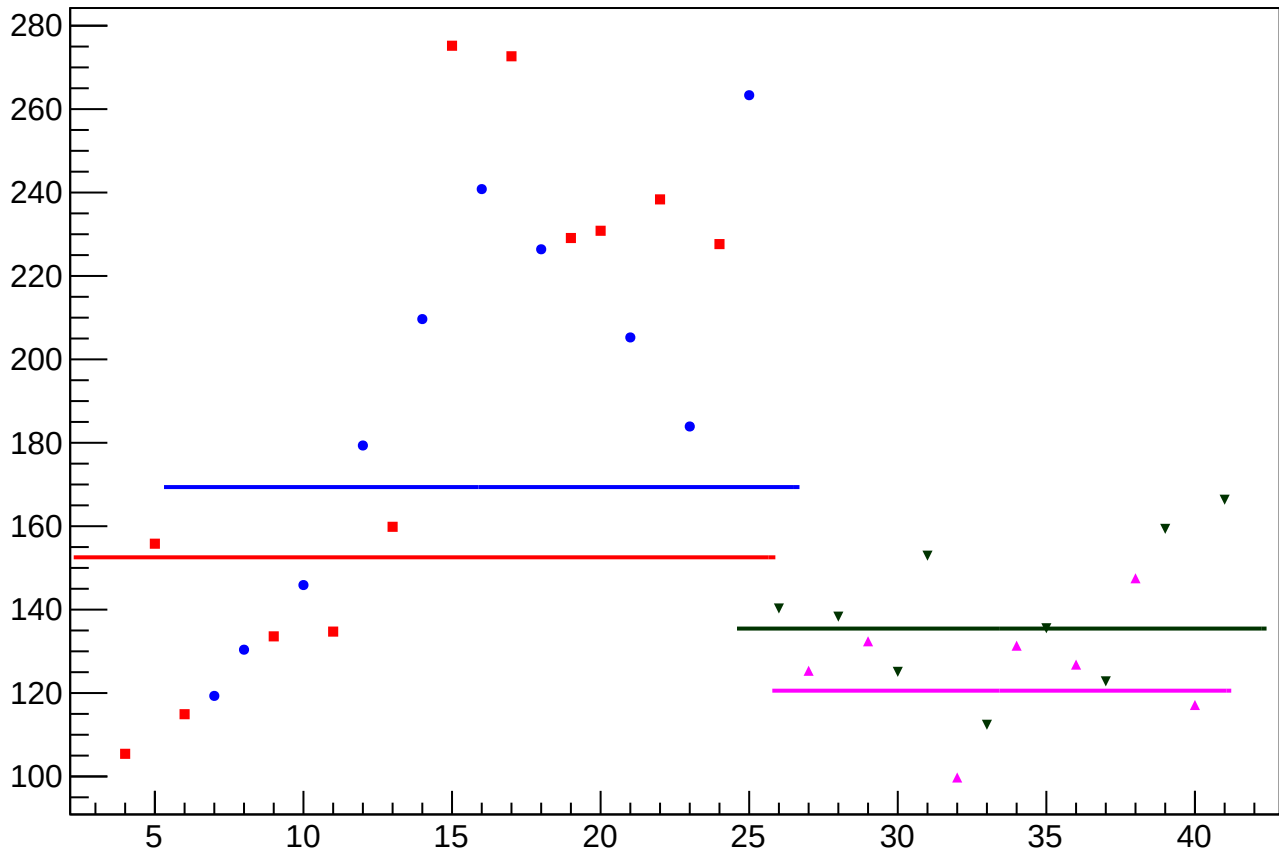
Right Out: 75.223 ± 63.607 χ^2/NDF : 0.6/11

Left In: -40.959 ± 57.272 χ^2/NDF : 1.1/6

59.313 $\pm$ 46.136 χ^2/NDF : 8.5/18

11.060 $\pm$ 42.562 χ^2/NDF : 3.6/18

asym_bcm_dg_us_rms vs slug



Right In: 169.383+/-0.049 χ^2/NDF : 680872.4/9

Left Out: 135.459+/-0.044 χ^2/NDF :140017.0/8

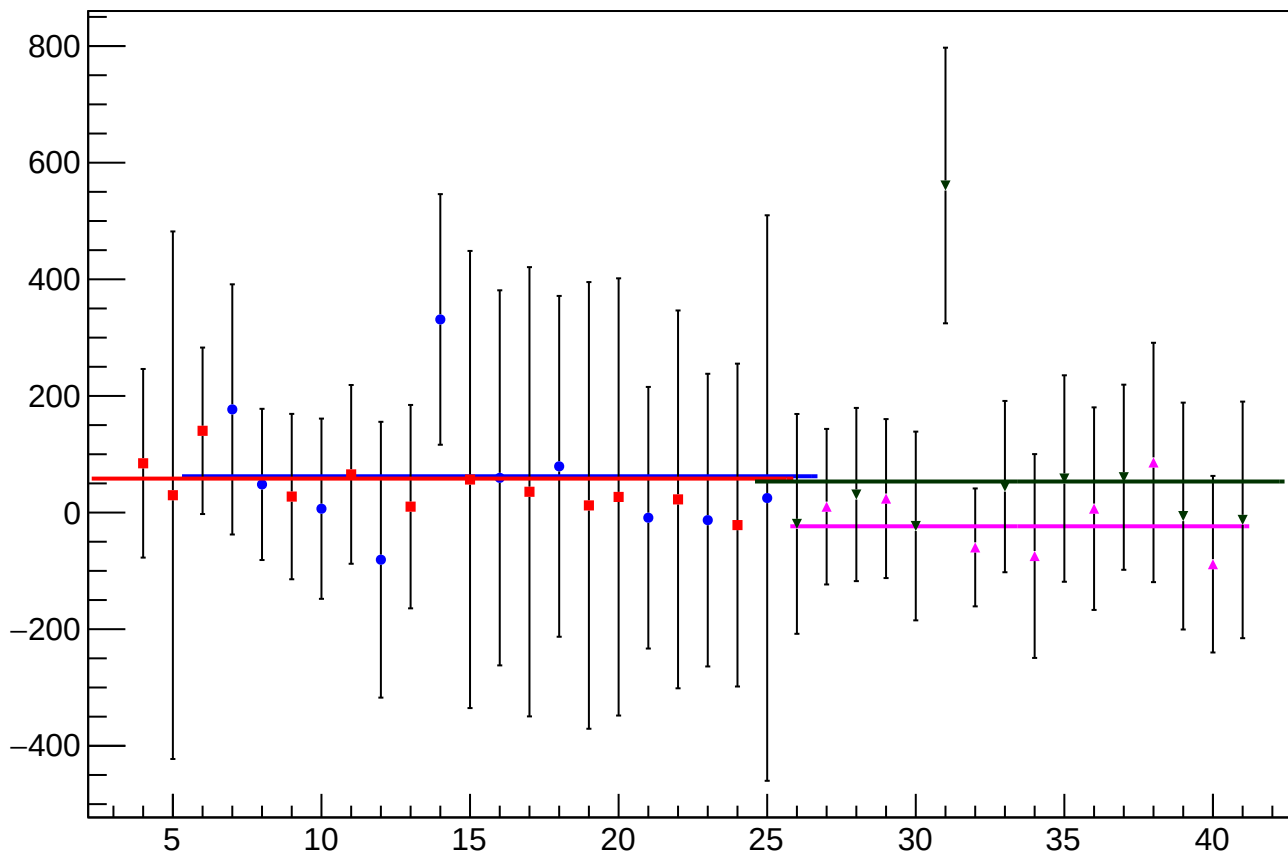
150.547+/-0.033 χ^2/NDF : 1087930.6/18

Right Out: 152.541+/-0.045 χ^2/NDF : 1180030.6/11

134.884+/-0.030 χ^2/NDF : 1594905.4/18

Left In: 120.568+/-0.040 χ^2/NDF :135792.2/6

asym_bcm_dg_ds_mean vs slug



Right In: 62.253 ± 66.815 $\chi^2/\text{NDF}: 2.6/9$

Left Out: 57.119 ± 43.759 $\chi^2/\text{NDF}: 7.8/18$

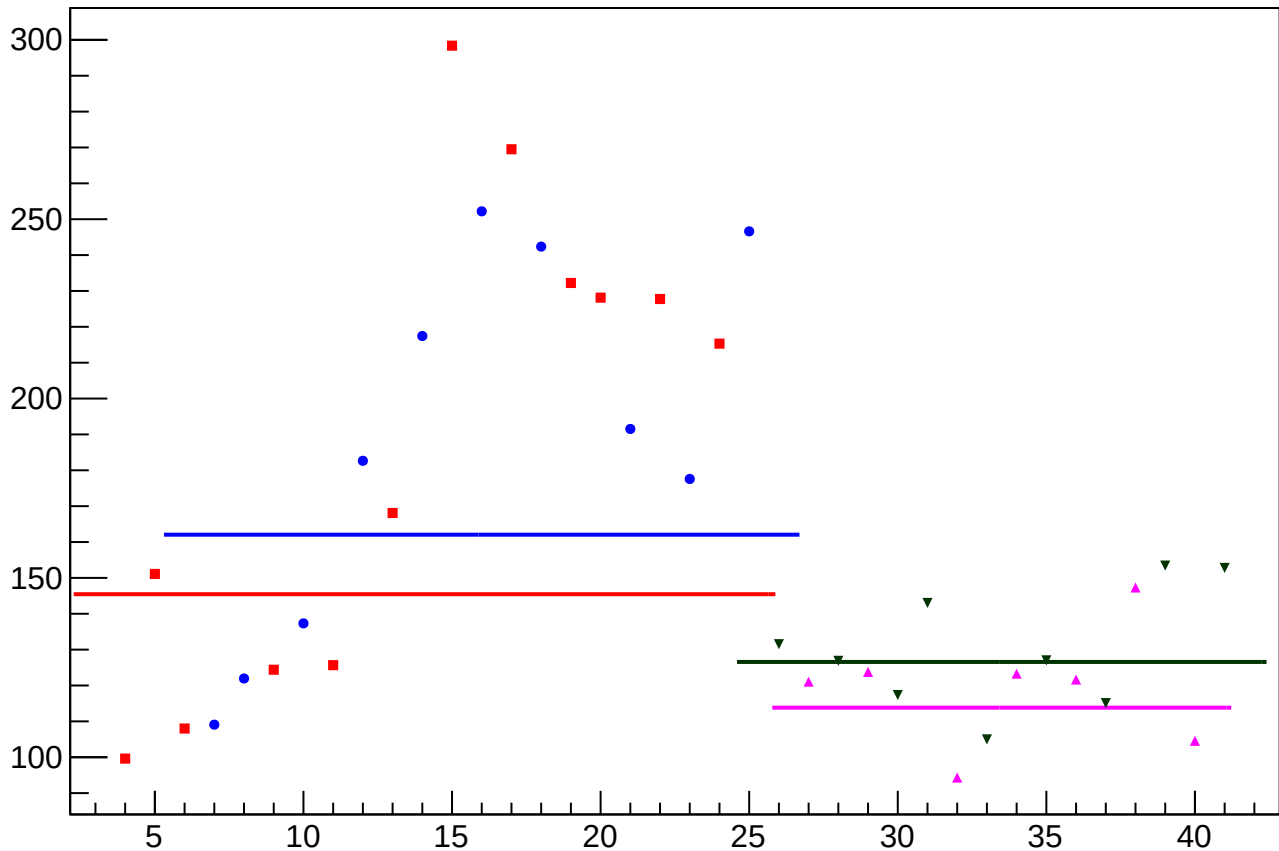
Right Out: 58.253 ± 61.187 $\chi^2/\text{NDF}: 0.6/11$

Left In: -23.531 ± 54.146 $\chi^2/\text{NDF}: 0.9/6$

57.119 $\pm$ 43.759 $\chi^2/\text{NDF}: 7.8/18$

12.387 $\pm$ 40.549 $\chi^2/\text{NDF}: 2.5/18$

asym_bcm_dg_ds_rms vs slug



Right In: 162.048+/-0.047 χ^2/NDF : 923631.2/9

Left Out: 126.570+/-0.041 χ^2/NDF :142797.9/8

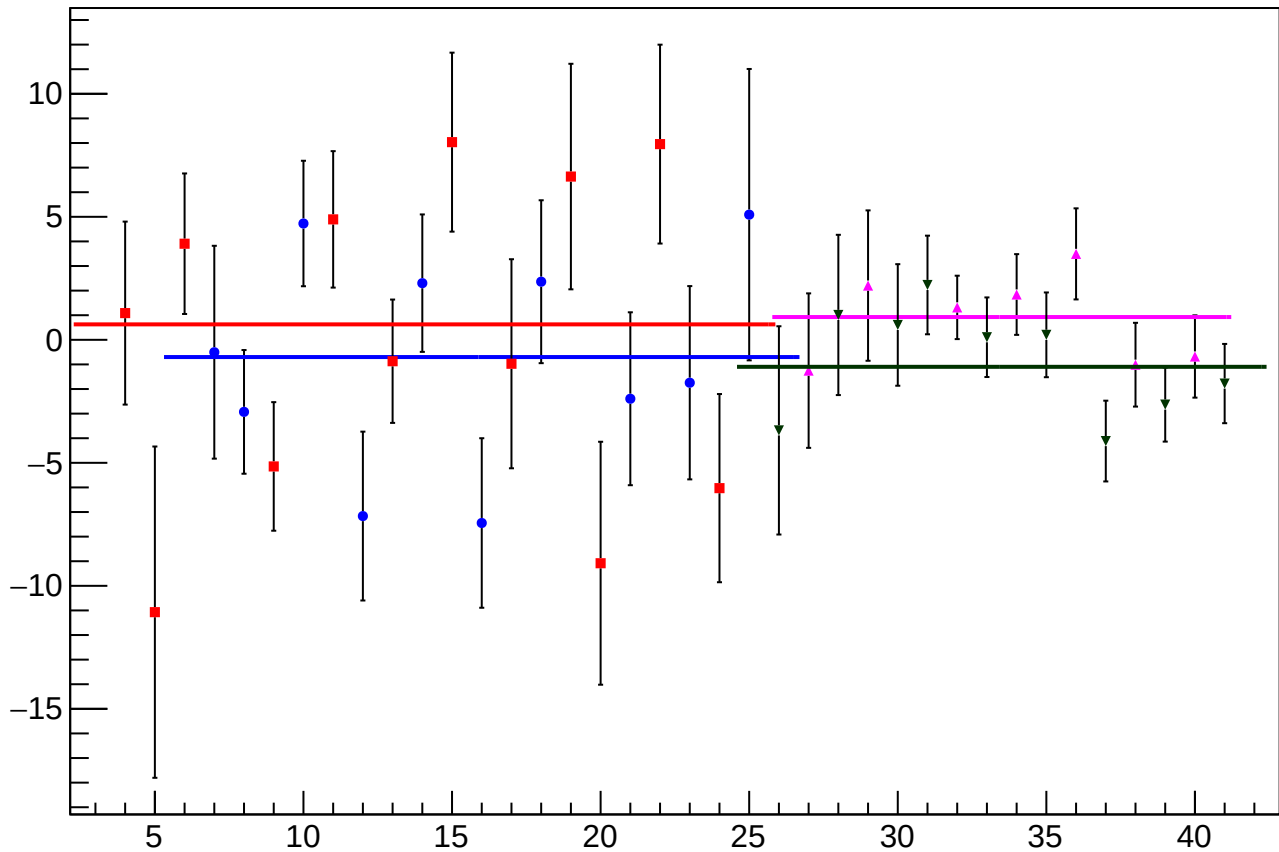
141.787+/-0.031 χ^2/NDF : 1388459.1/18

Right Out: 145.454+/-0.043 χ^2/NDF : 1377812.6/11

127.715+/-0.029 χ^2/NDF : 1839145.9/18

Left In: 113.823+/-0.038 χ^2/NDF :161582.3/6

asym_cav4bQ_mean vs slug



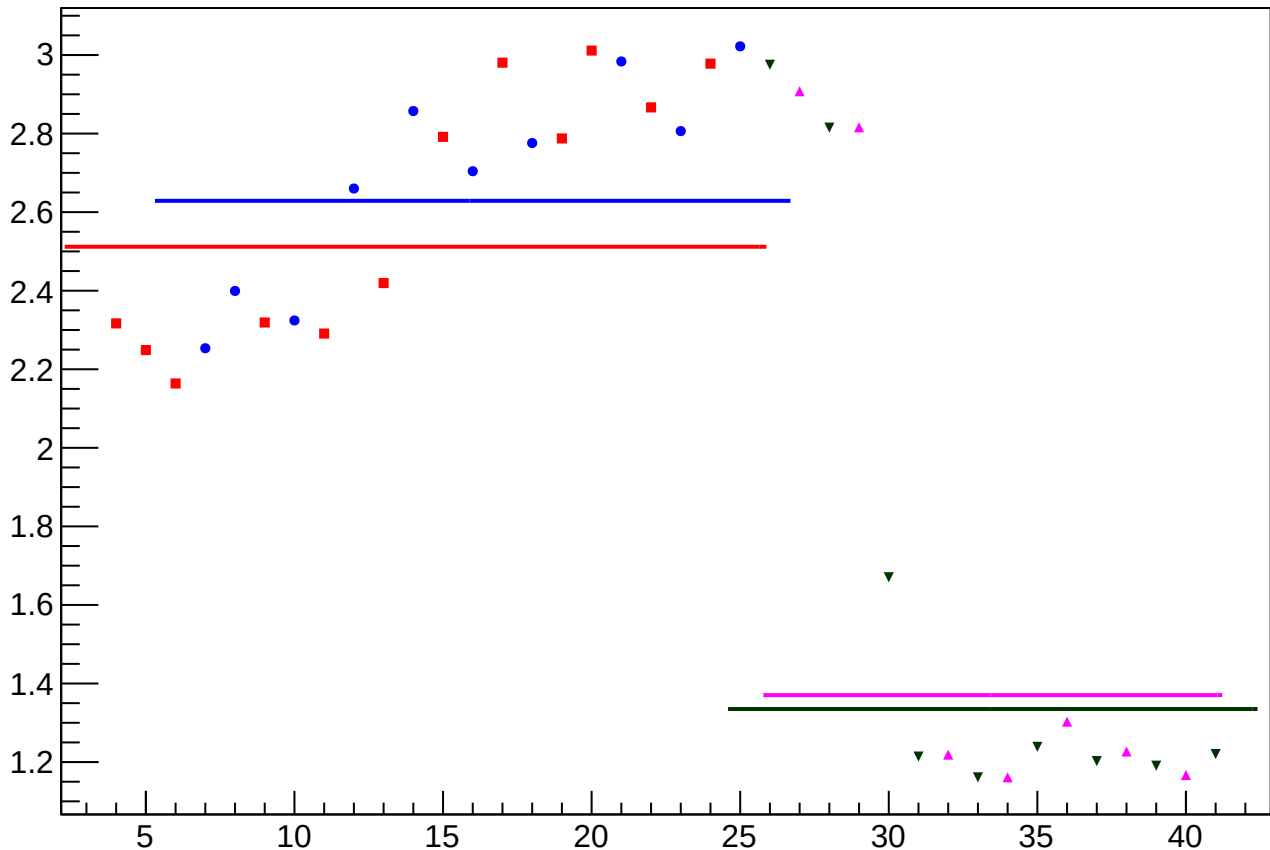
Right In: -0.701 ± 1.038 χ^2/NDF : 16.0/9

Left Out: -0.989 ± 0.542 χ^2/NDF : 25.8/18

Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

Left In: 0.832 ± 0.561 χ^2/NDF : 33.4/18

asym_cav4bQ_rms vs slug



Right In: 2.629 $\pm$ 0.001 χ^2 /NDF: 111982.4/9

Left Out: 1.335 $\pm$ 0.000 χ^2 /NDF:828309.7/8

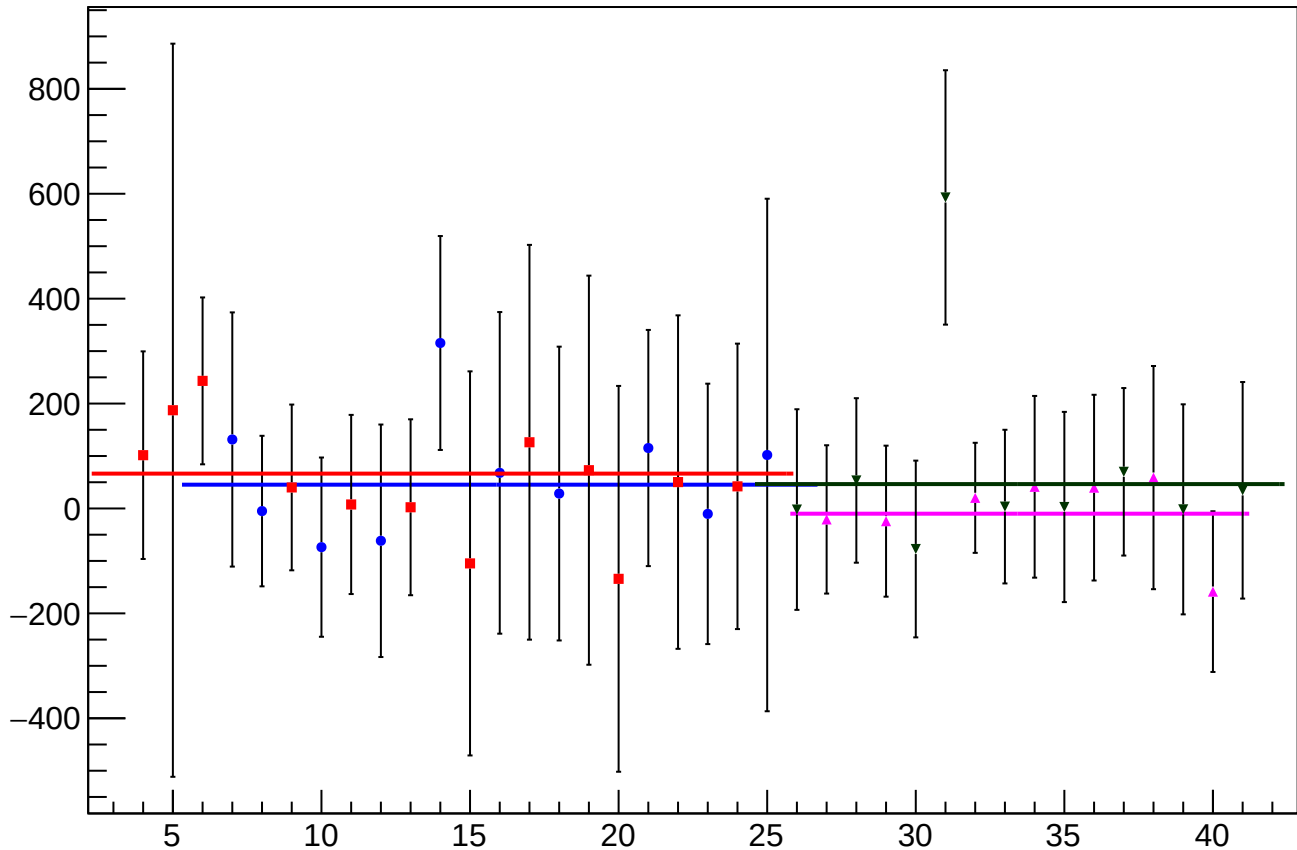
1.687 $\pm$ 0.000 χ^2 /NDF: 3201208.3/18

Right Out: 2.512 $\pm$ 0.001 χ^2 /NDF: 173540.5/11

1.730 $\pm$ 0.000 χ^2 /NDF: 2994662.2/18

Left In: 1.370 $\pm$ 0.000 χ^2 /NDF:1033445.3/6

asym_cav4cQ_mean vs slug



Right In: 45.350 ± 69.374 χ^2/NDF : 2.9/9

Left Out: 46.474 ± 59.248 χ^2/NDF : 5.9/8

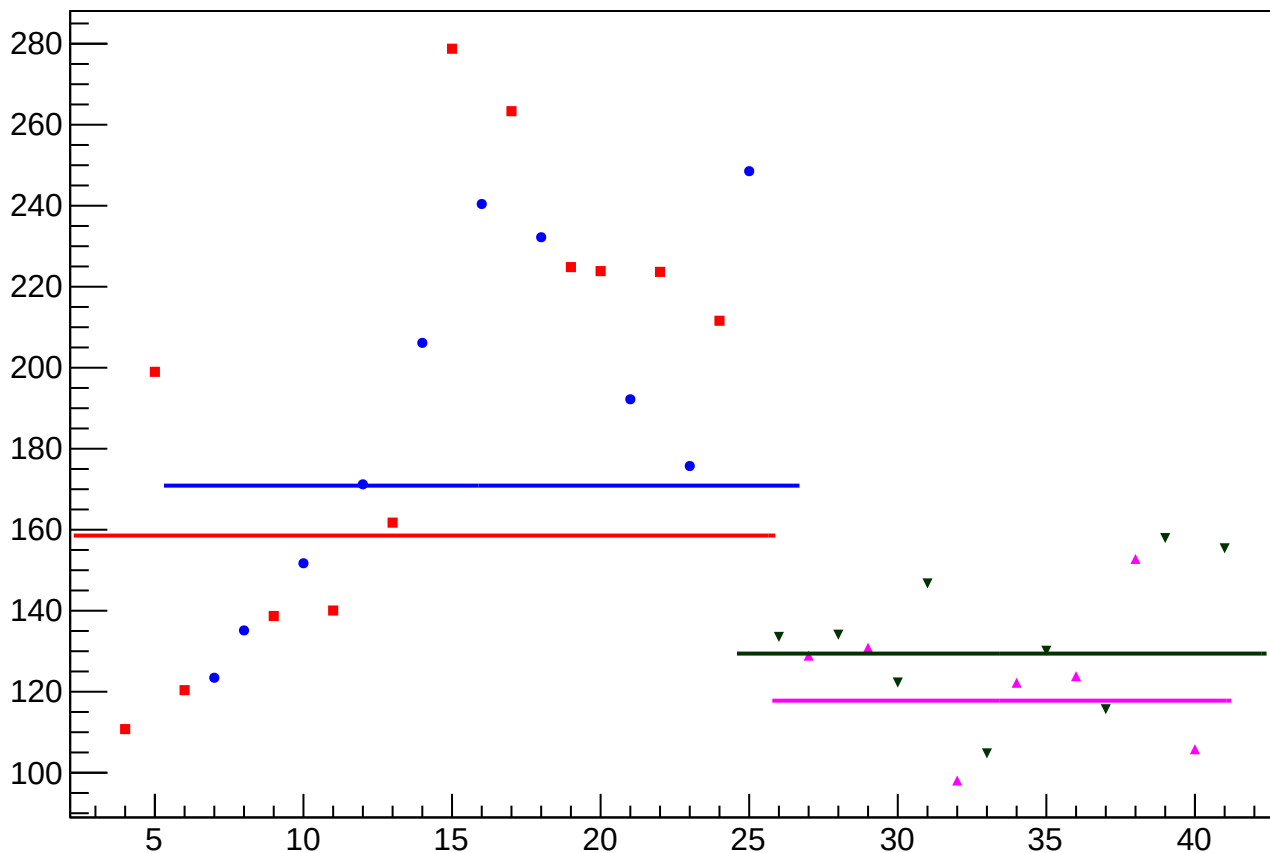
46.000 ± 45.053 χ^2/NDF : 8.8/18

Right Out: 66.444 ± 65.999 χ^2/NDF : 2.1/11

22.006 ± 42.693 χ^2/NDF : 4.2/18

Left In: -9.970 ± 55.985 χ^2/NDF : 1.3/6

asym_cav4cQ_rms vs slug



Right In: 170.886+/-0.049 χ^2/NDF : 553736.6/9

Left Out: 129.417+/-0.042 χ^2/NDF : 160206.5/8

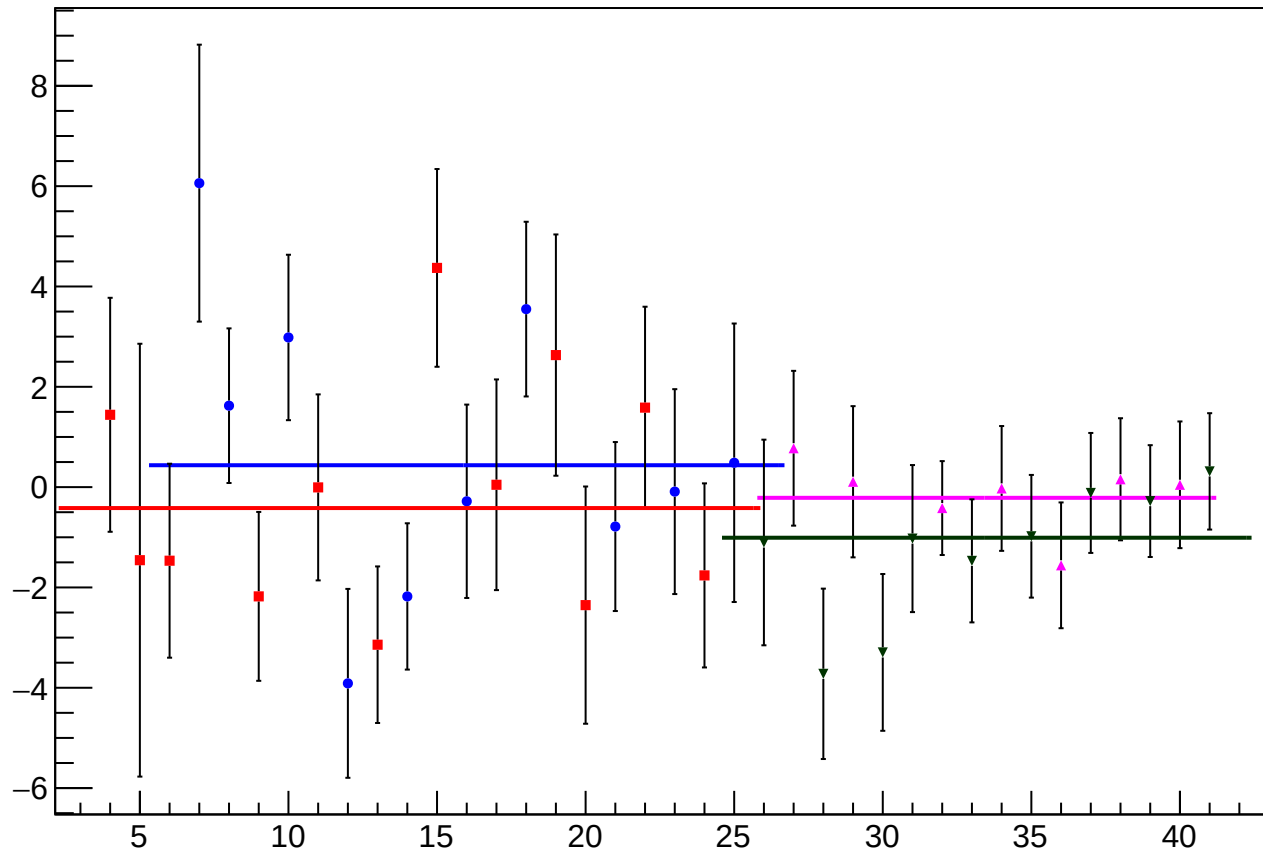
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 117.791+/-0.040 χ^2/NDF : 169472.7/6

146.907+/-0.032 χ^2/NDF : 1127175.9/18

134.850+/-0.030 χ^2/NDF : 1564876.9/18

asym_cav4dQ_mean vs slug



Right In: 0.437+/-0.578 χ^2/NDF : 19.6/9

Left Out: -1.009+/-0.445 χ^2/NDF : 7.1/8

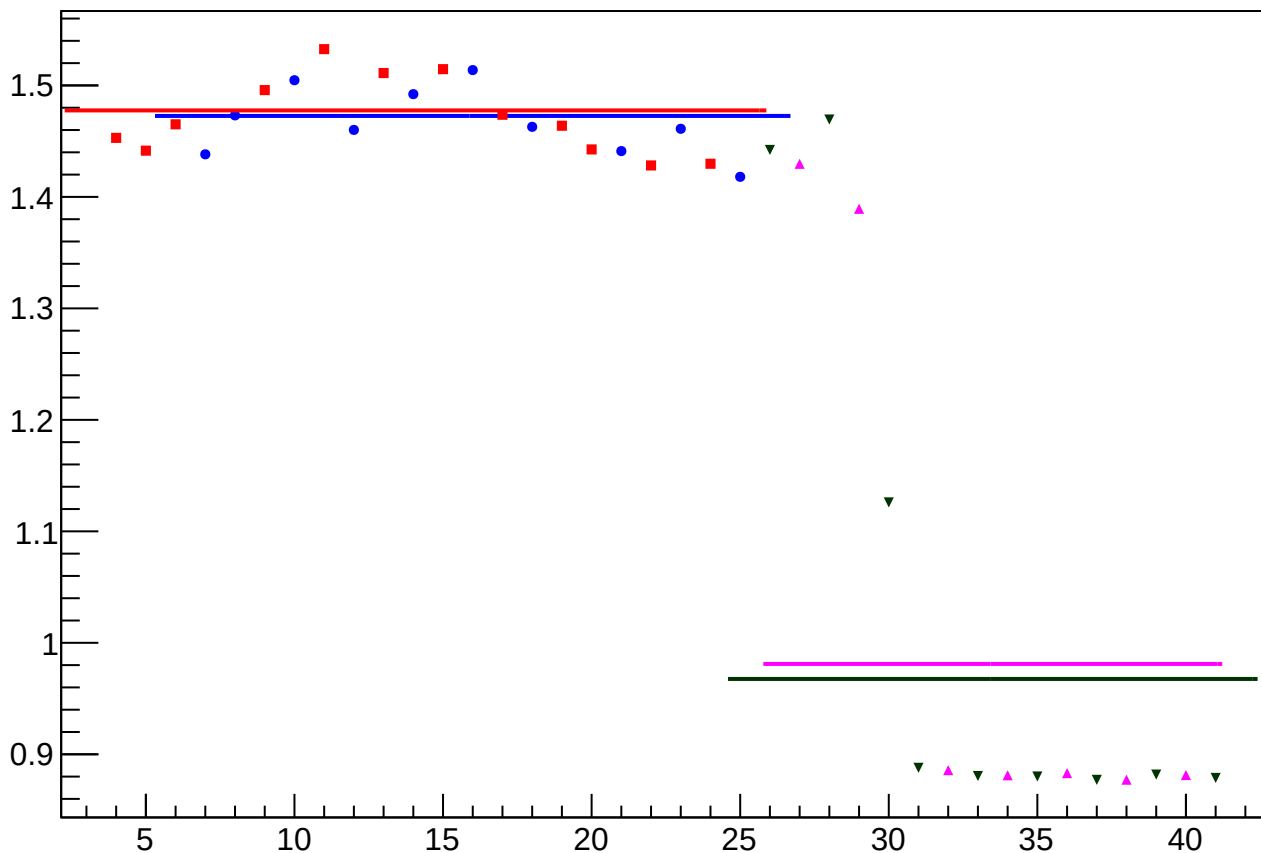
Right Out: -0.417+/-0.583 χ^2/NDF : 14.9/11

Left In: -0.213+/-0.467 χ^2/NDF : 1.8/6

-0.470+/-0.353 χ^2/NDF : 30.7/18

-0.293+/-0.365 χ^2/NDF : 16.8/18

asym_cav4dQ_rms vs slug



Right In: 1.473+/-0.000 χ^2/NDF : 4027.5/9

Left Out: 0.968+/-0.000 χ^2/NDF :363583.2/8

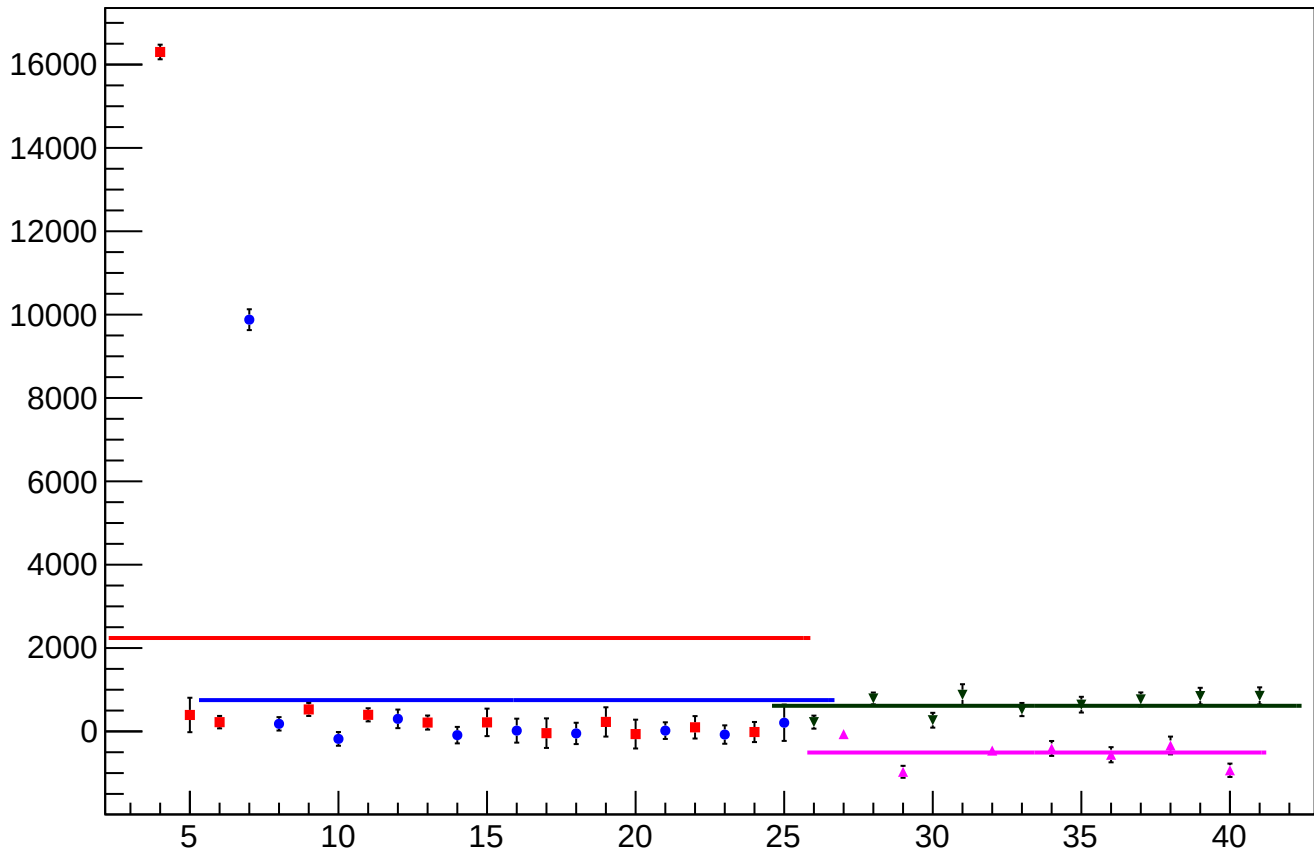
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 0.981+/-0.000 χ^2/NDF :388672.4/6

1.156+/-0.000 χ^2/NDF : 1325568.7/18

1.175+/-0.000 χ^2/NDF : 1279001.2/18

asym_bcm0l02_mean vs slug



Right In: 750.803+/-68.130 χ^2/NDF : 1445.6/9

Left Out: 614.323+/-58.690 χ^2/NDF :16.6/8

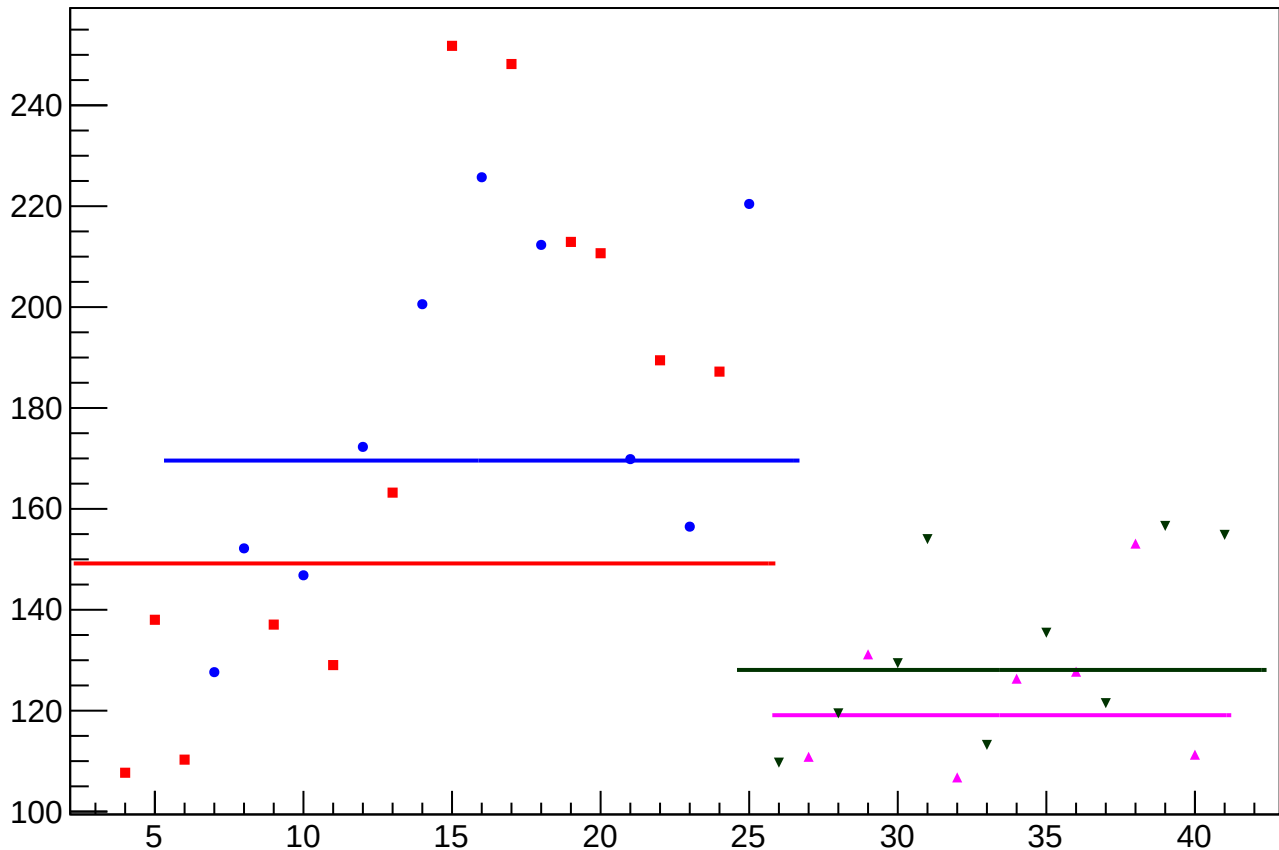
672.461+/-44.466 χ^2/NDF : 1464.4/18

Right Out: 2240.760+/-61.598 χ^2/NDF : 7330.5/11

743.495+/-41.554 χ^2/NDF : 8446.6/18

Left In: -506.949+/-56.293 χ^2/NDF :31.8/6

asym_bcm0l02_rms vs slug



Right In: 169.579+/-0.048 χ^2/NDF : 333569.7/9

Left Out: 128.074+/-0.042 χ^2/NDF :154960.0/8

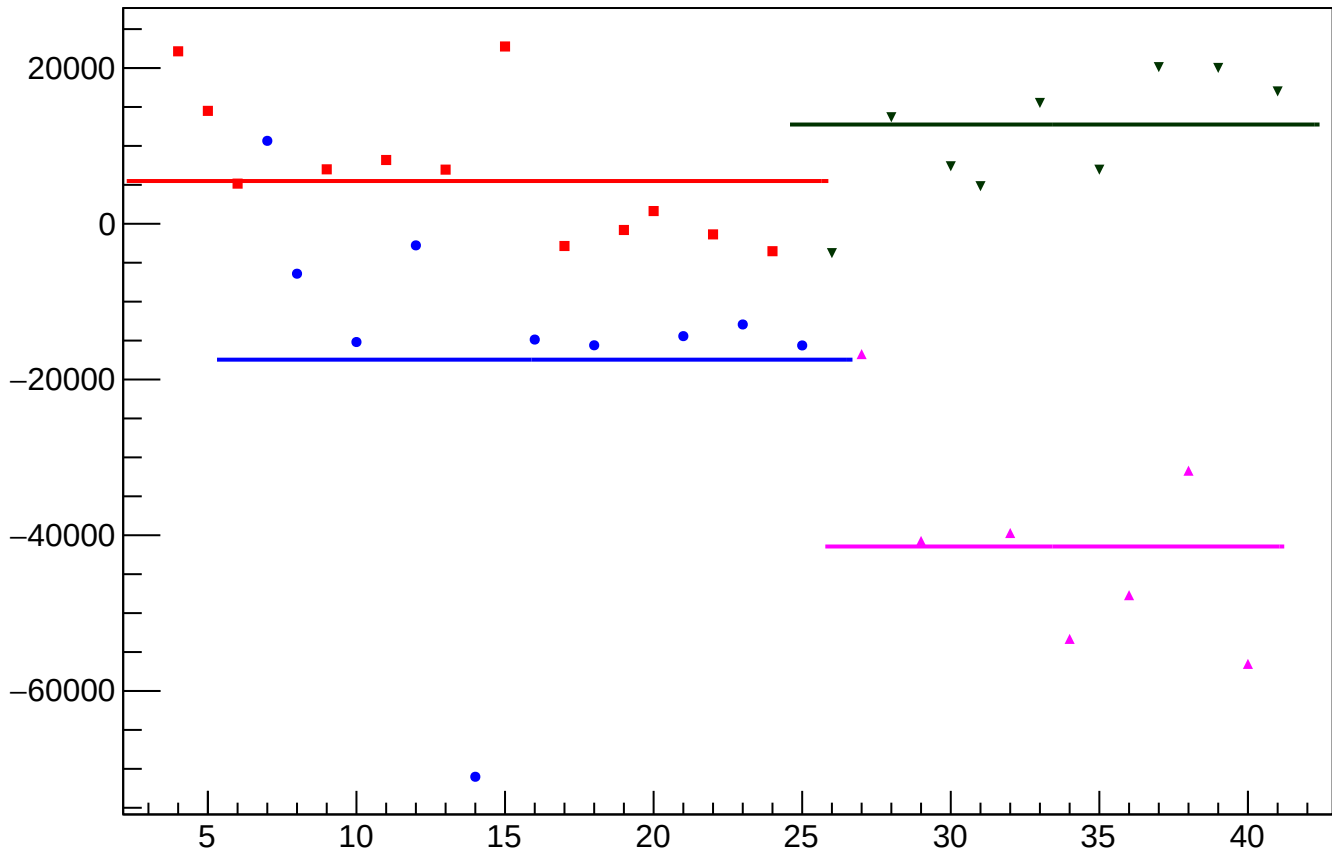
145.754+/-0.031 χ^2/NDF : 914590.1/18

Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

132.792+/-0.029 χ^2/NDF : 1249810.2/18

Left In: 119.103+/-0.040 χ^2/NDF :110080.7/6

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 12747.116+/-45.086 χ^2/NDF : 26236.4/8

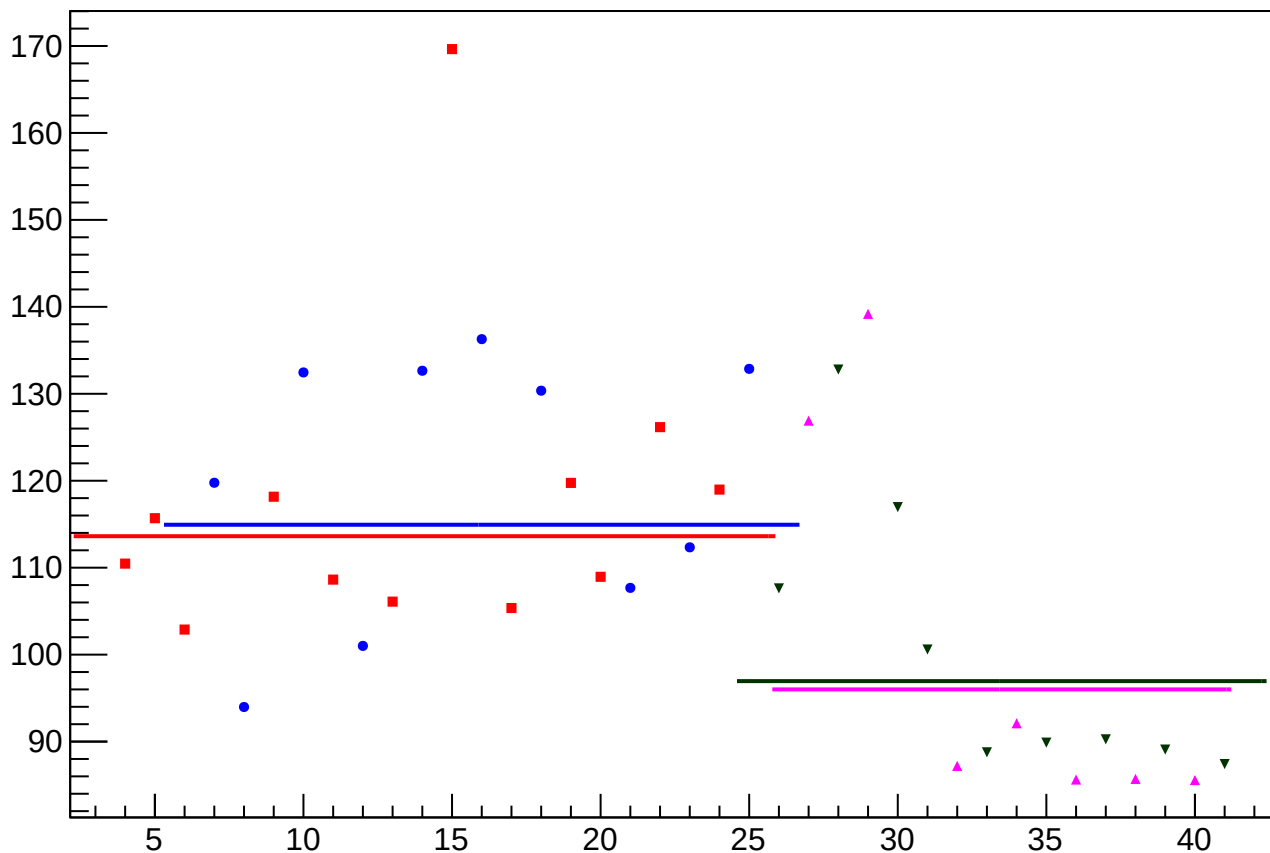
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -41444.937+/-46.626 χ^2/NDF : 61947.2/6

-1800.649+/-32.457 χ^2/NDF : 445685.3/18

-17849.357+/-32.879 χ^2/NDF : 596032.6/18

asym_bpm2i01WS_rms vs slug



Right In: 114.939+/-0.033 χ^2/NDF : 233540.9/9

Left Out: 96.954+/-0.032 χ^2/NDF :180989.3/8

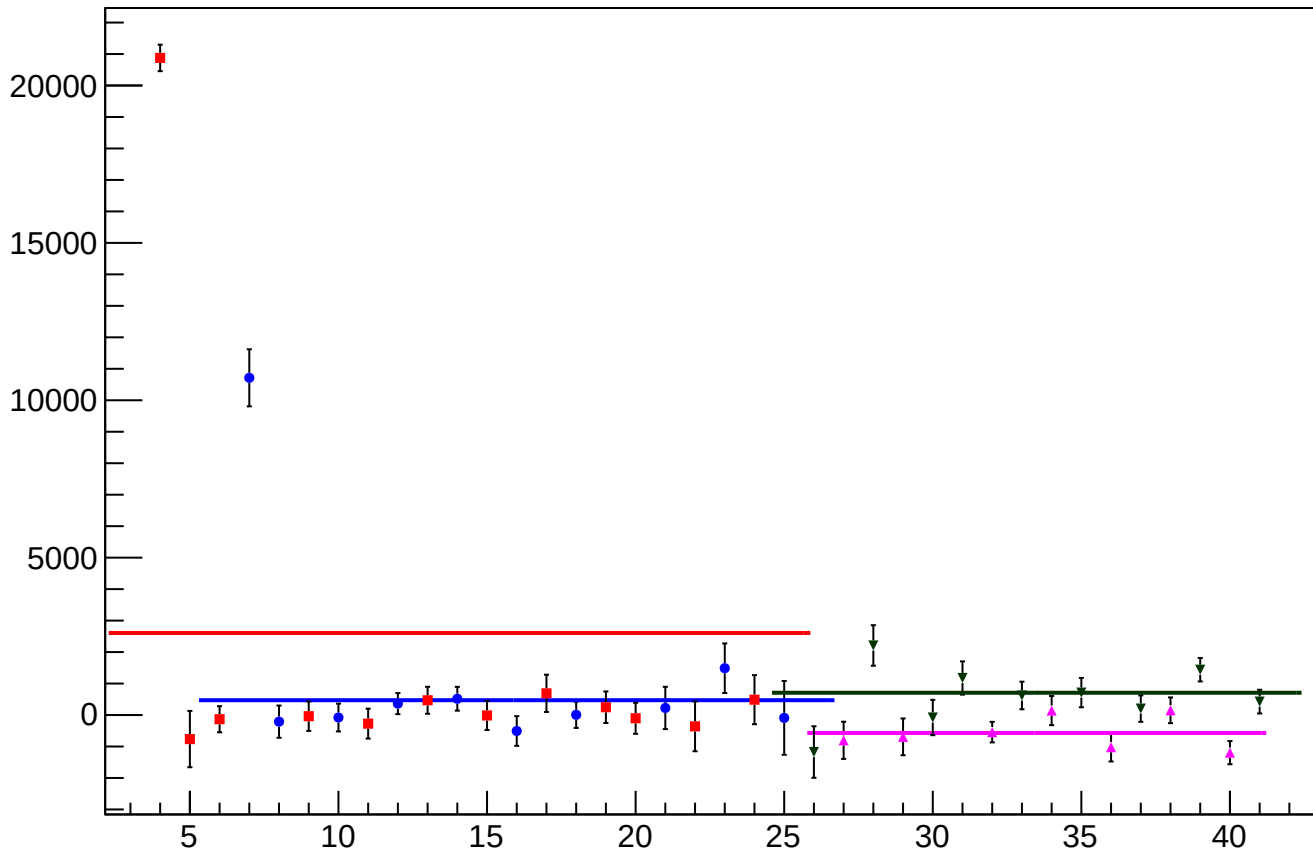
Right Out: 113.621+/-0.033 χ^2/NDF : 162658.1/11

Left In: 96.001+/-0.033 χ^2/NDF :308996.3/6

105.618+/-0.023 χ^2/NDF : 567849.4/18

104.859+/-0.023 χ^2/NDF : 615241.7/18

asym_bpm0i07WS_mean vs slug



Right In: 470.960 ± 156.387 $\chi^2/\text{NDF}: 138.4/9$

Left Out: 707.832 ± 157.303 $\chi^2/\text{NDF}: 19.4/8$

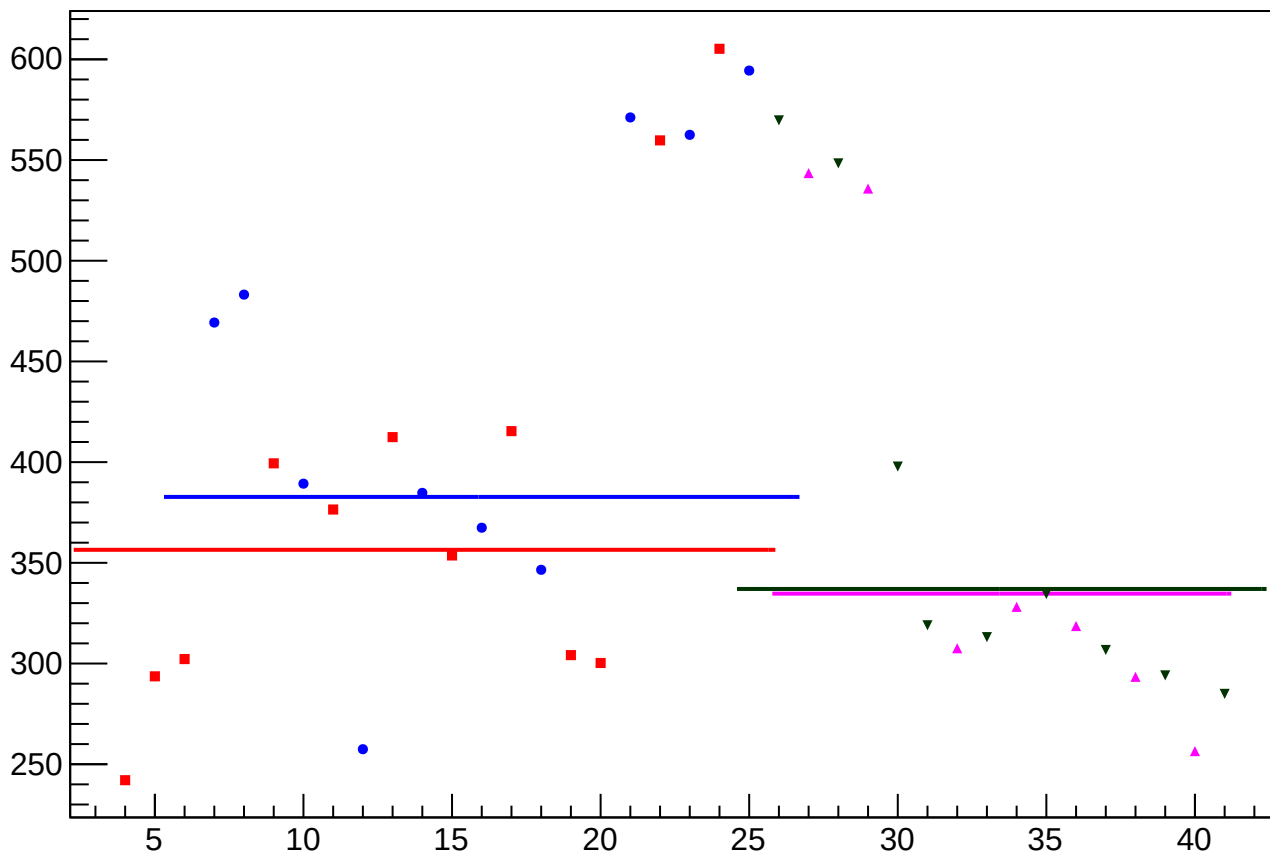
Right Out: 2606.972 ± 147.343 $\chi^2/\text{NDF}: 2154.3/11$

Left In: -569.494 ± 162.100 $\chi^2/\text{NDF}: 9.5/6$

588.704 ± 110.905 $\chi^2/\text{NDF}: 159.0/18$

1169.876 ± 109.032 $\chi^2/\text{NDF}: 2374.1/18$

asym_bpm0i07WS_rms vs slug



Right In: 382.730 ± 0.111 $\chi^2/\text{NDF}: 720132.6/9$

Left Out: 337.026 ± 0.111 $\chi^2/\text{NDF}: 483976.0/8$

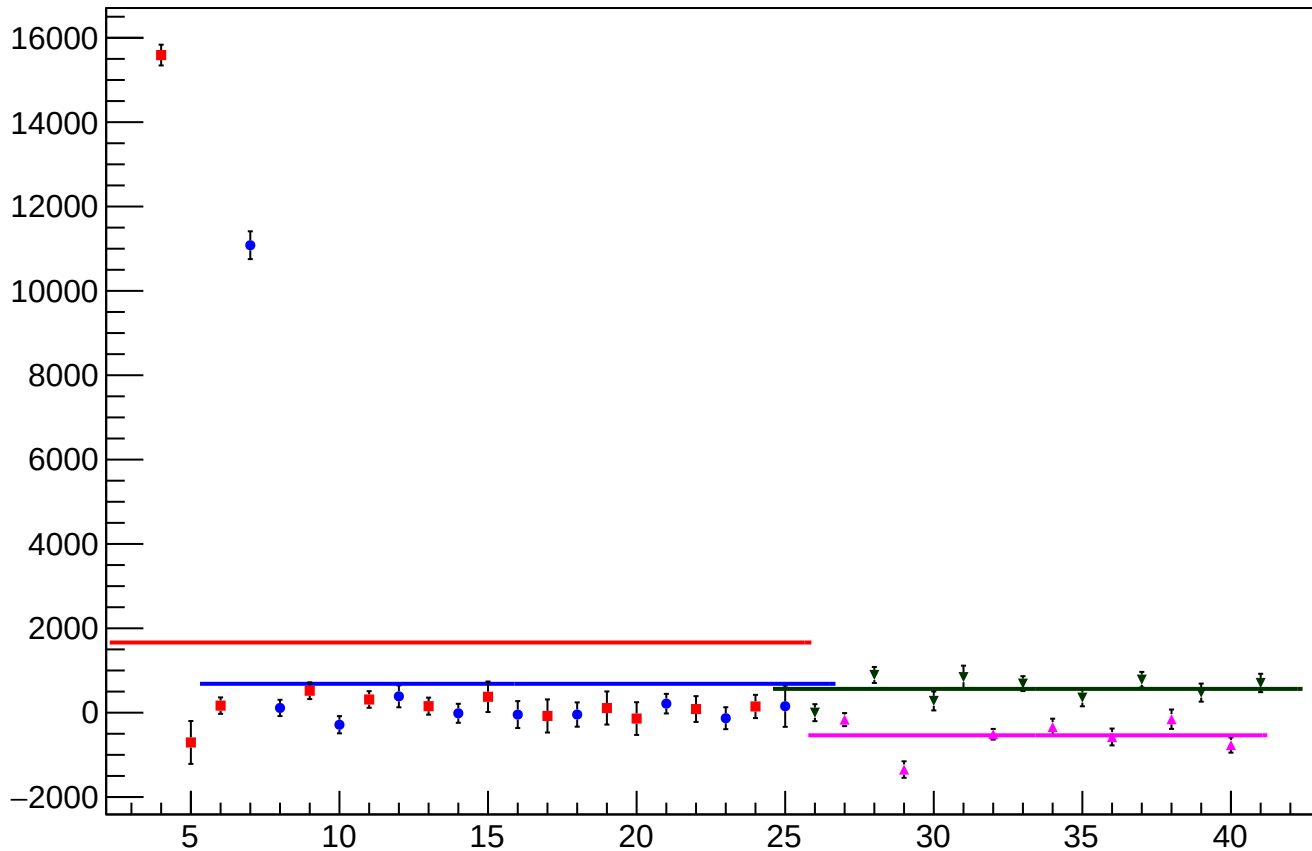
Right Out: 356.465 ± 0.104 $\chi^2/\text{NDF}: 650032.0/11$

Left In: 334.701 ± 0.115 $\chi^2/\text{NDF}: 614429.5/6$

360.011 ± 0.078 $\chi^2/\text{NDF}: 1289016.4/18$

346.619 ± 0.077 $\chi^2/\text{NDF}: 1284202.4/18$

asym_bpm0l01WS_mean vs slug



Right In: 684.597+/-80.654 χ^2/NDF : 1063.9/9

Left Out: 563.974+/-68.415 χ^2/NDF : 17.0/8

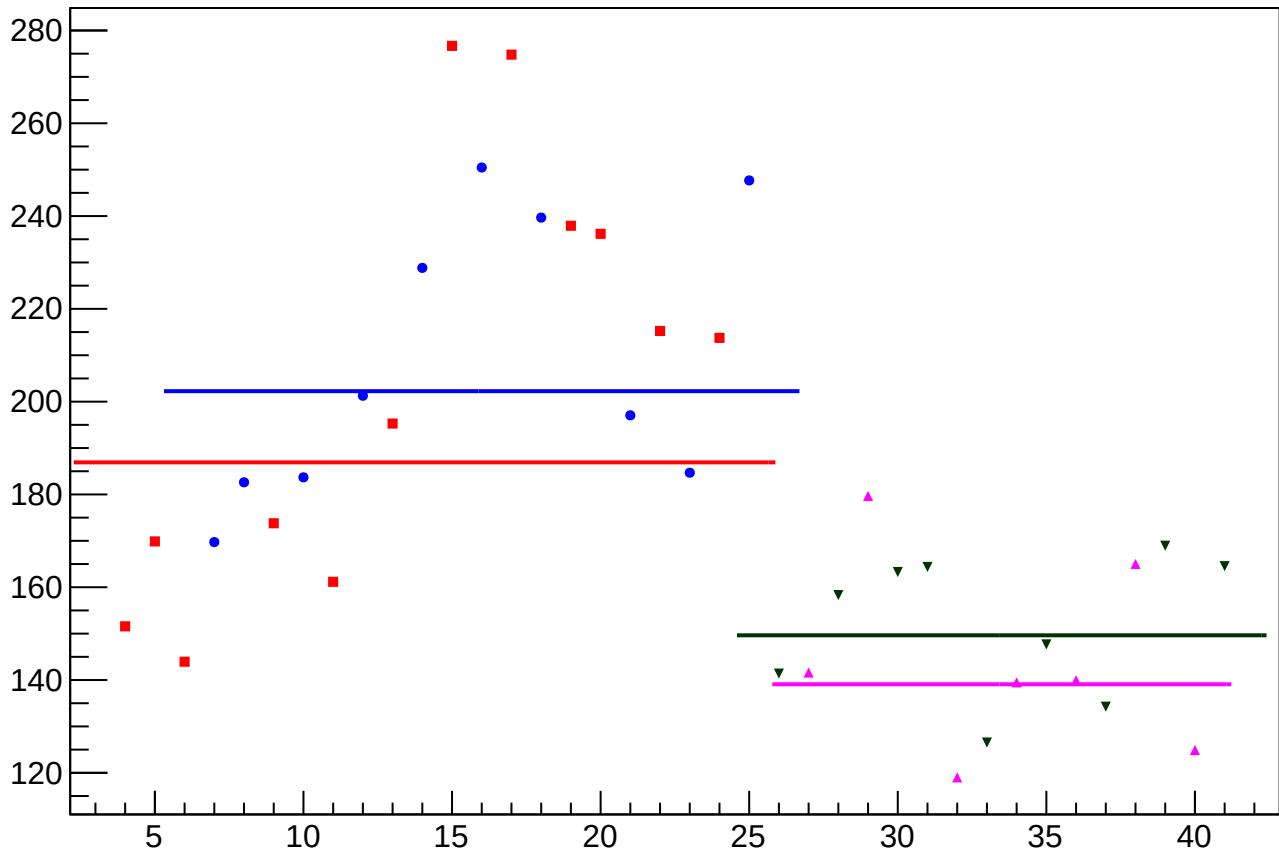
614.448+/-52.173 χ^2/NDF : 1082.3/18

Right Out: 1663.245+/-75.915 χ^2/NDF : 3538.6/11

407.636+/-49.732 χ^2/NDF : 4046.2/18

Left In: -536.349+/-65.824 χ^2/NDF : 28.4/6

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 149.639+/-0.048 χ^2/NDF : 94707.4/8

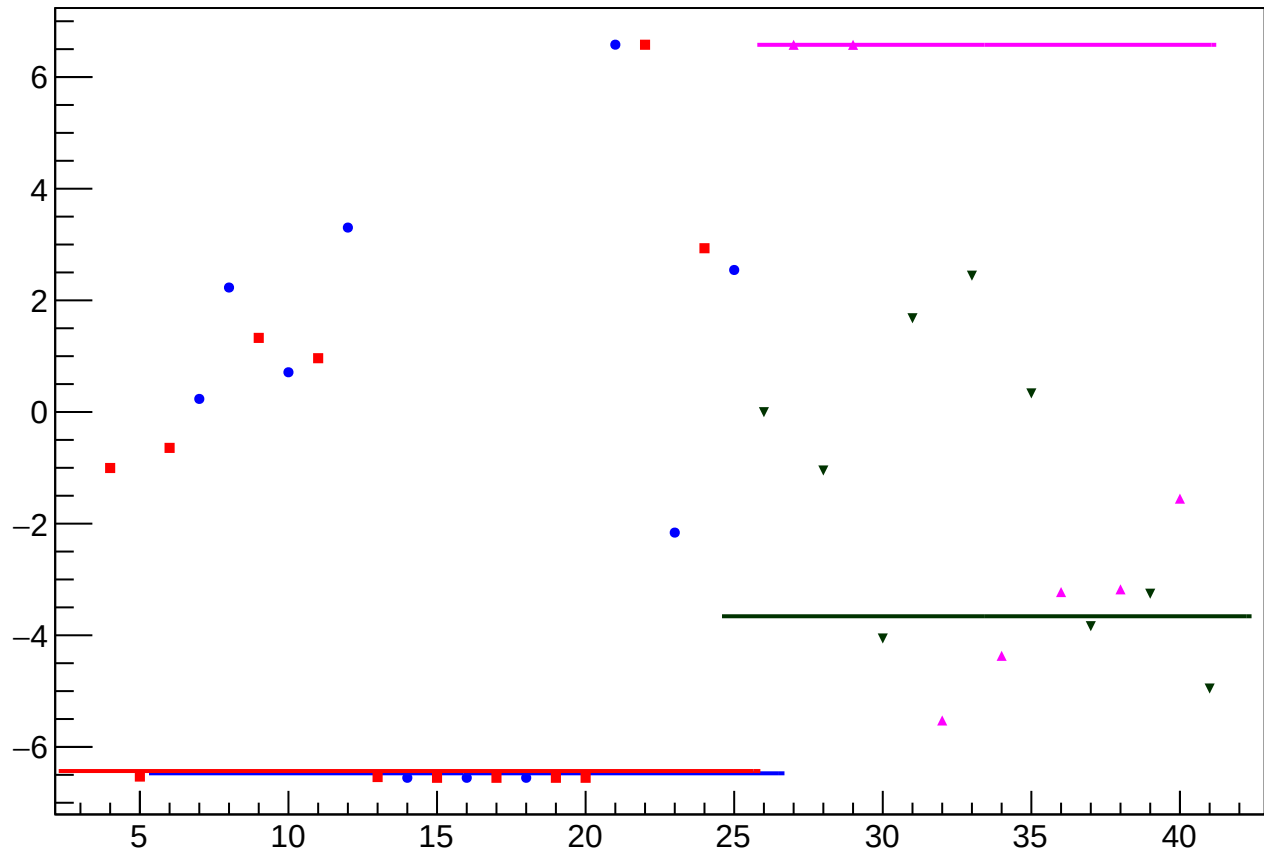
171.657+/-0.037 χ^2/NDF : 780951.4/18

Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

159.610+/-0.035 χ^2/NDF : 1140172.0/18

Left In: 139.082+/-0.047 χ^2/NDF : 174655.5/6

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -3.659+/-0.001 χ^2/NDF : 5634679.2/8

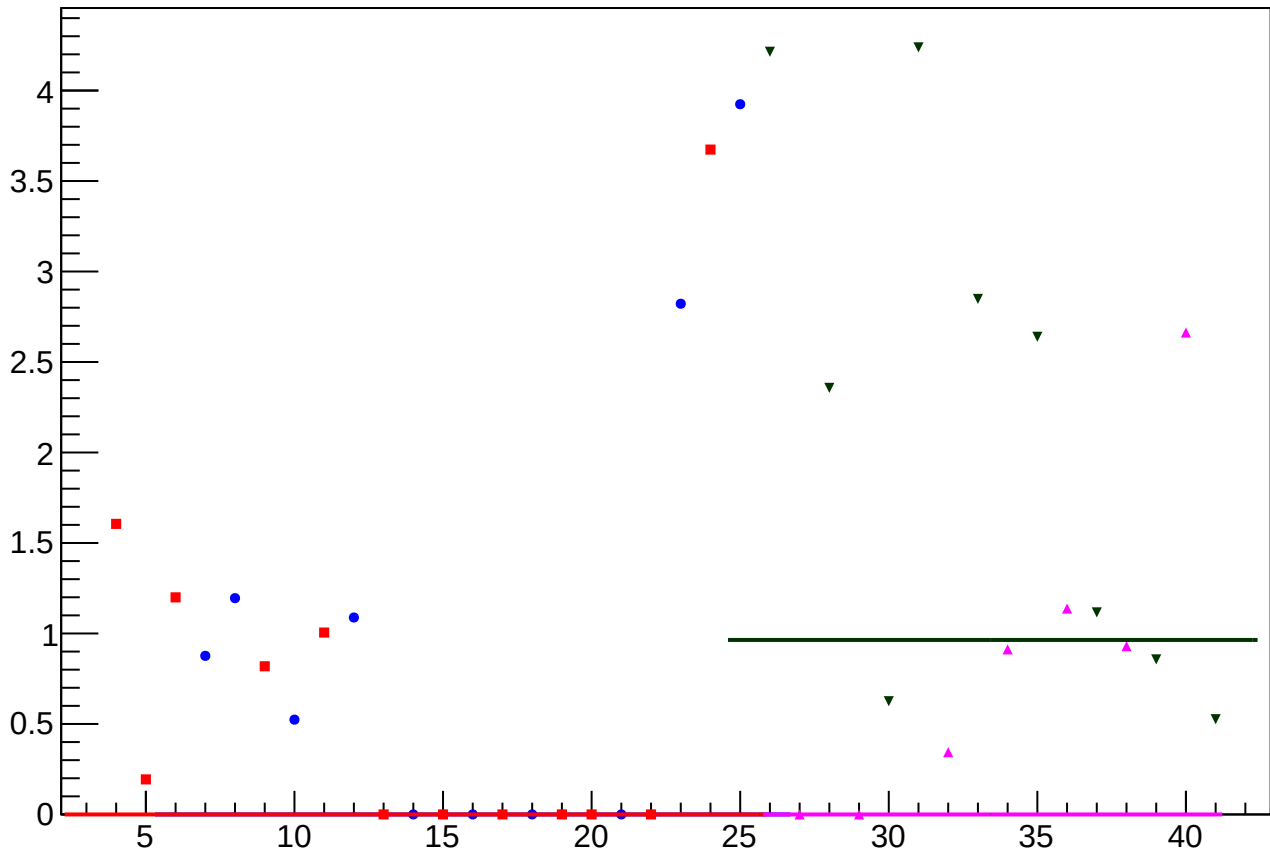
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 467460169.0/6

-6.473+/-0.000 χ^2/NDF : 127847950124621.2/1

-6.315+/-0.000 χ^2/NDF : 297092095042702.0/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 0.964+/-0.000 χ^2/NDF :2445200.3/8

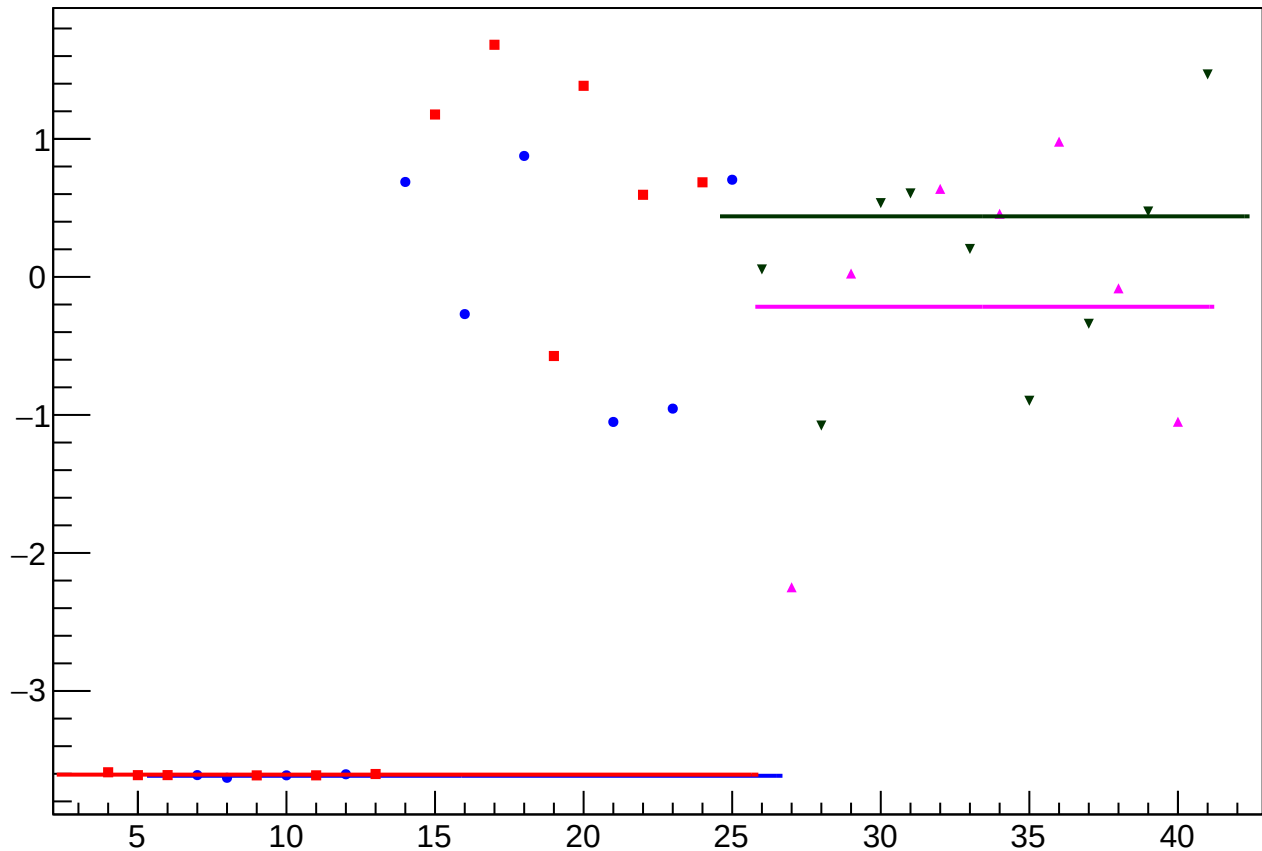
0.000+/-0.000 χ^2/NDF : 10679629.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

0.000+/-0.000 χ^2/NDF : 7152488.1/18

Left In: 0.000+/-0.000 χ^2/NDF :3079432.7/6

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

Left Out: 0.439+/-0.000 χ^2/NDF : 6272312.2/8

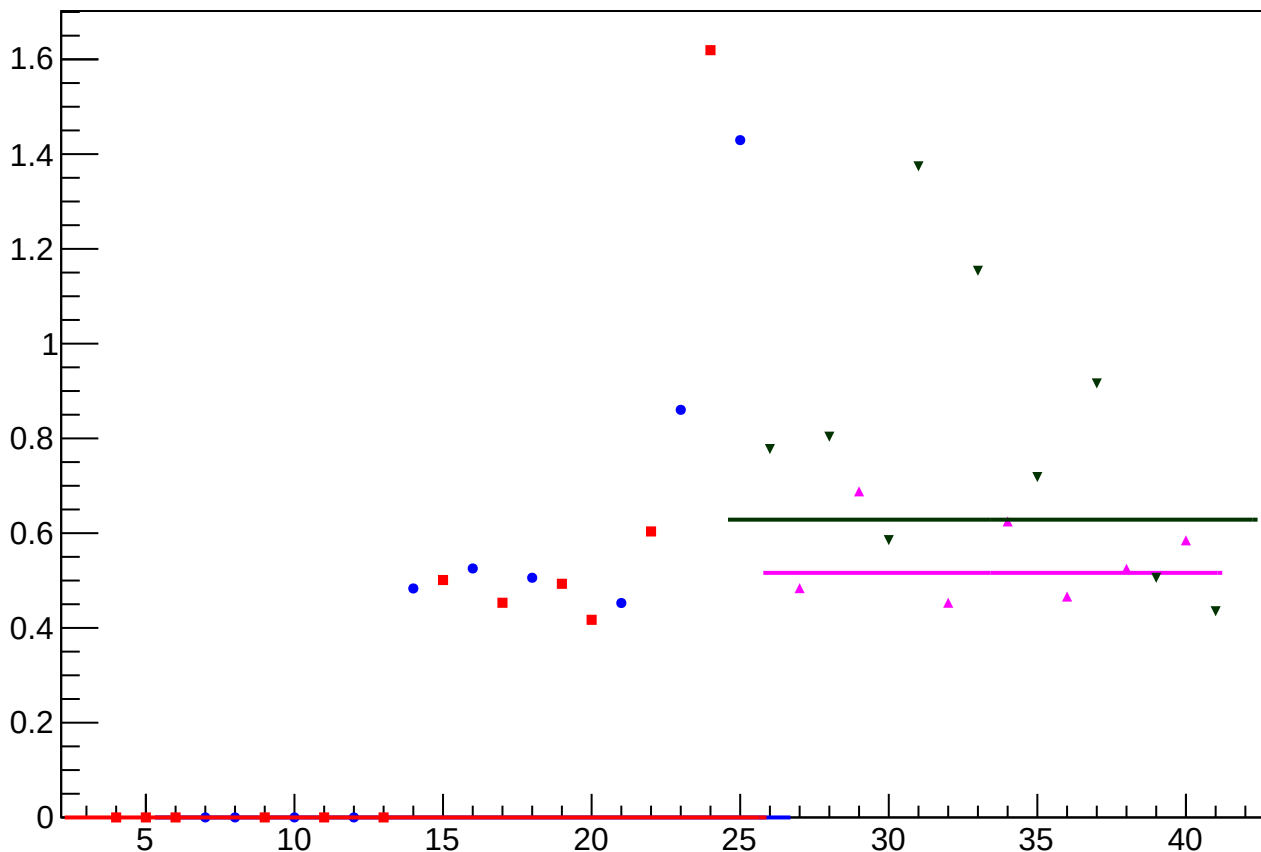
Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

Left In: -0.216+/-0.000 χ^2/NDF : 15472276.1/6

-3.614+/-0.000 χ^2/NDF : 49201320365.1/18

-3.606+/-0.000 χ^2/NDF : 37895274176.1/18

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.629+/-0.000 χ^2/NDF : 753174.7/8

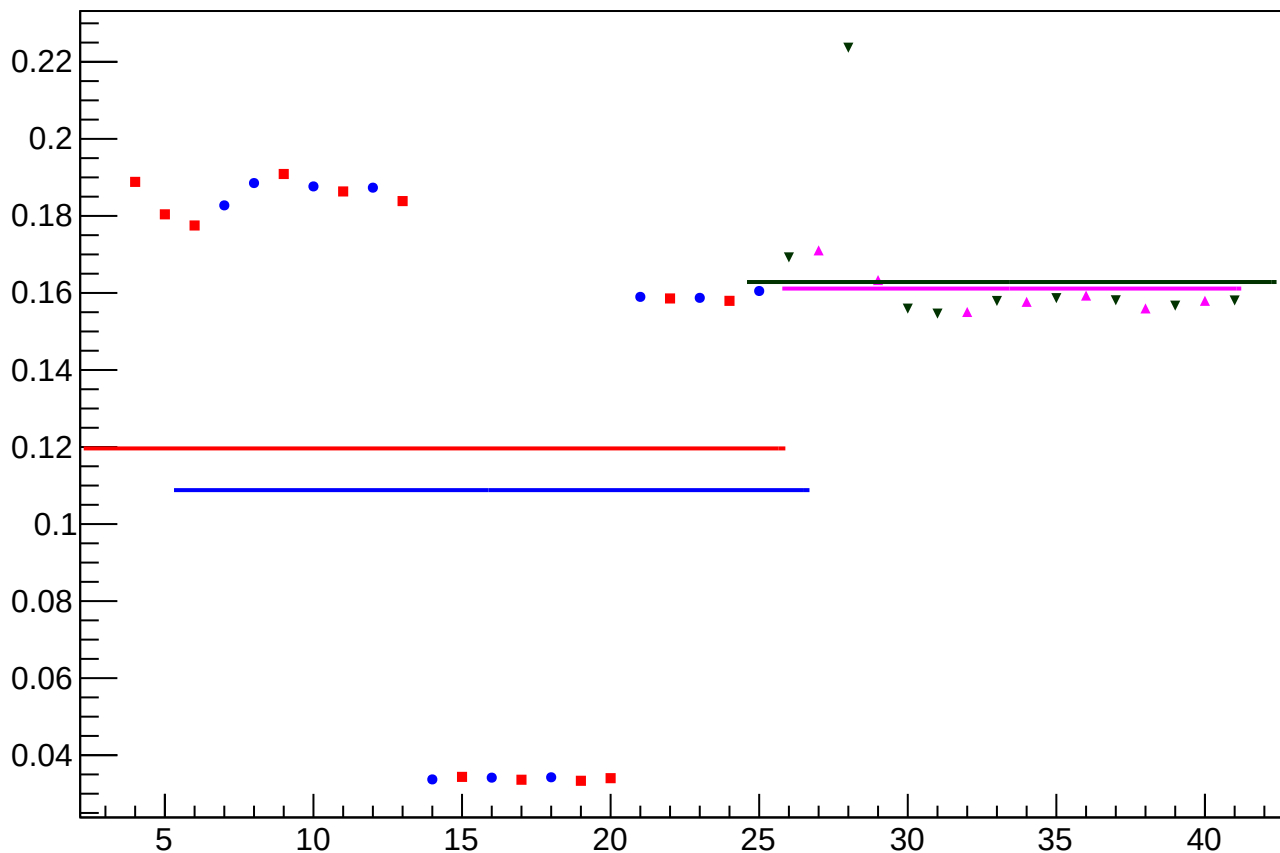
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.516+/-0.000 χ^2/NDF : 130505.4/6

0.000+/-0.000 χ^2/NDF : 12970796.2/18

0.000+/-0.000 χ^2/NDF : 10354189.5/18

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.163+/-0.000 χ^2/NDF : 101202959.0/8

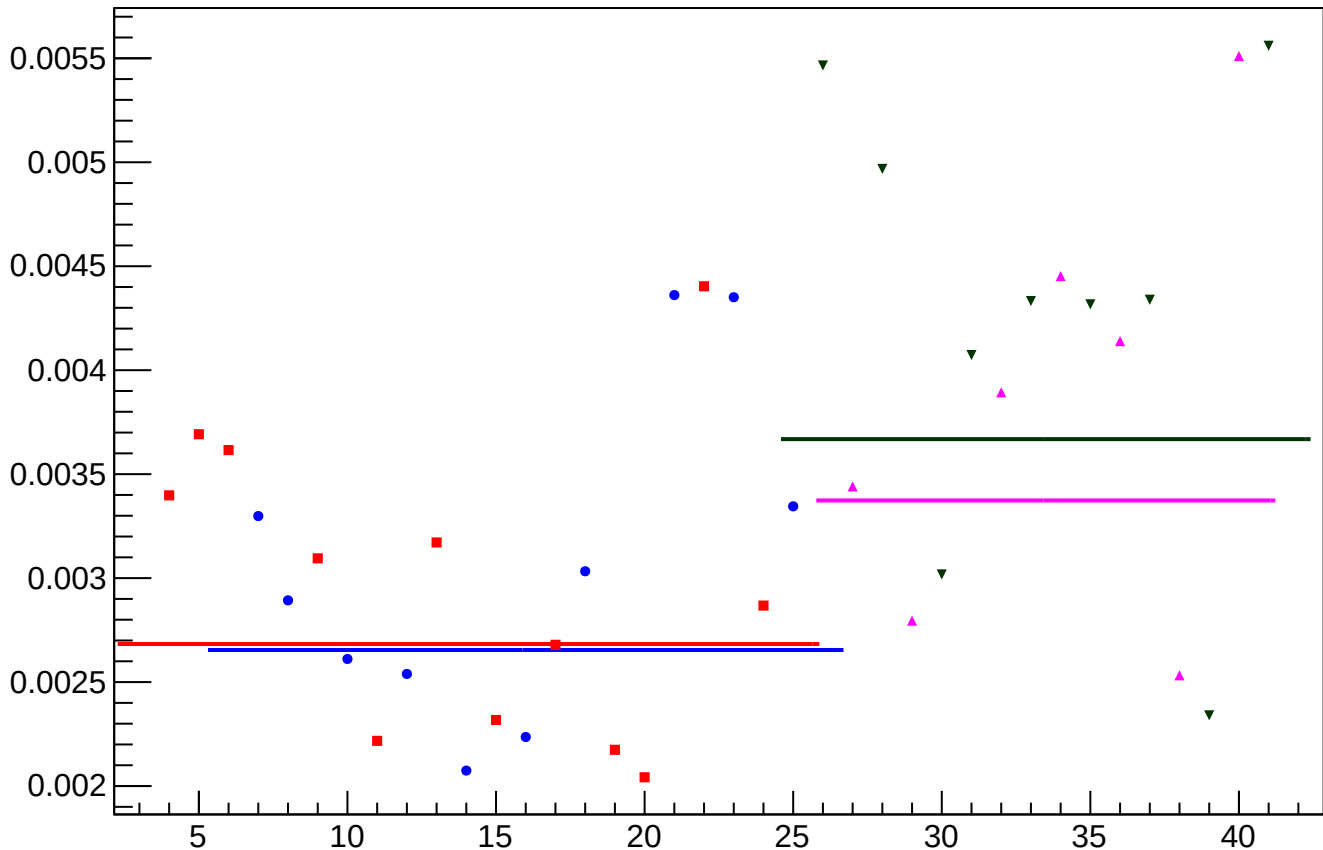
Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

Left In: 0.161+/-0.000 χ^2/NDF : 11393839.1/6

0.124+/-0.000 χ^2/NDF : 5327290418.0/18

0.132+/-0.000 χ^2/NDF : 4639327709.0/18

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 639601.2/9

Left Out: 0.004+/-0.000 χ^2/NDF : 769879.0/8

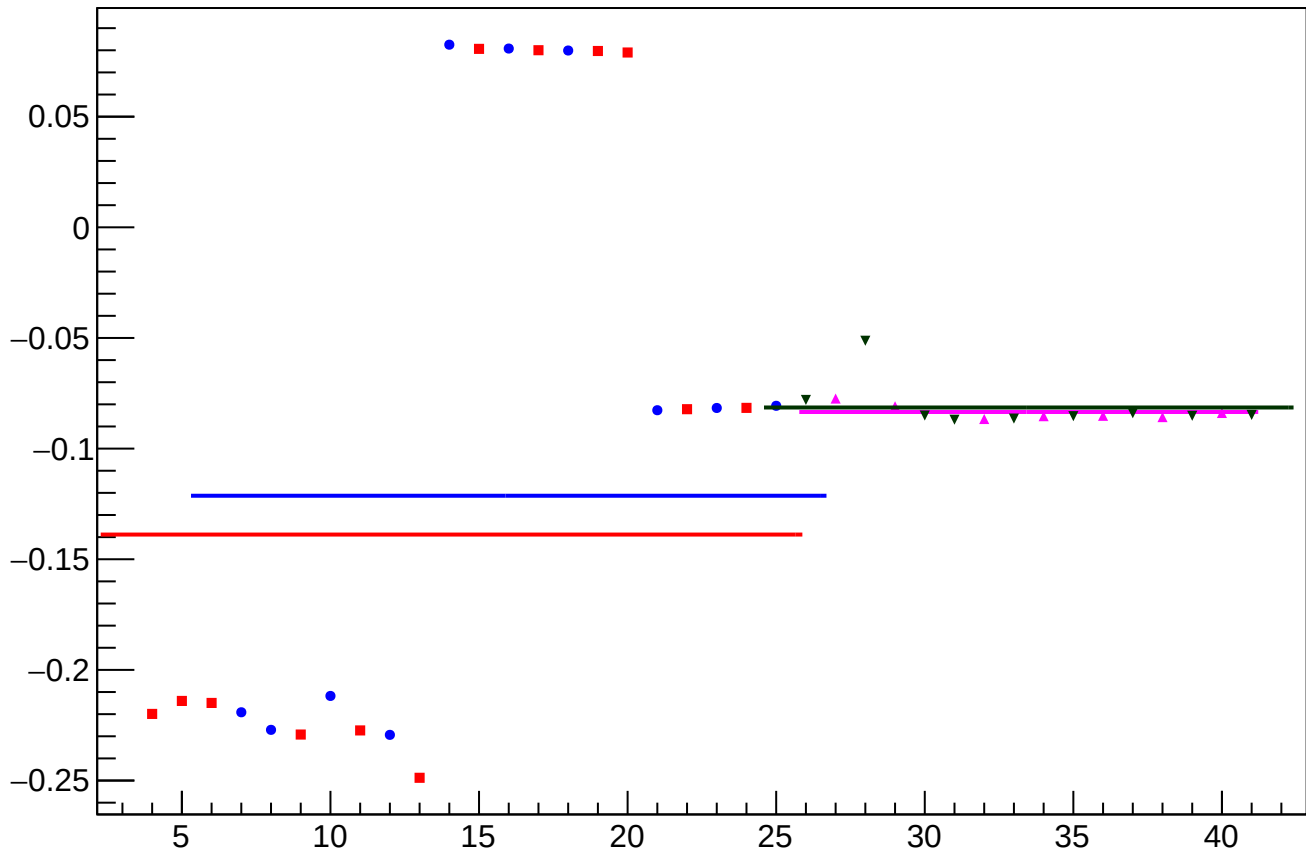
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF : 430208.6/6

0.003+/-0.000 χ^2/NDF : 1873489.4/18

0.003+/-0.000 χ^2/NDF : 1191358.3/18

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.081+/-0.000 χ^2/NDF : 35610741.4/8

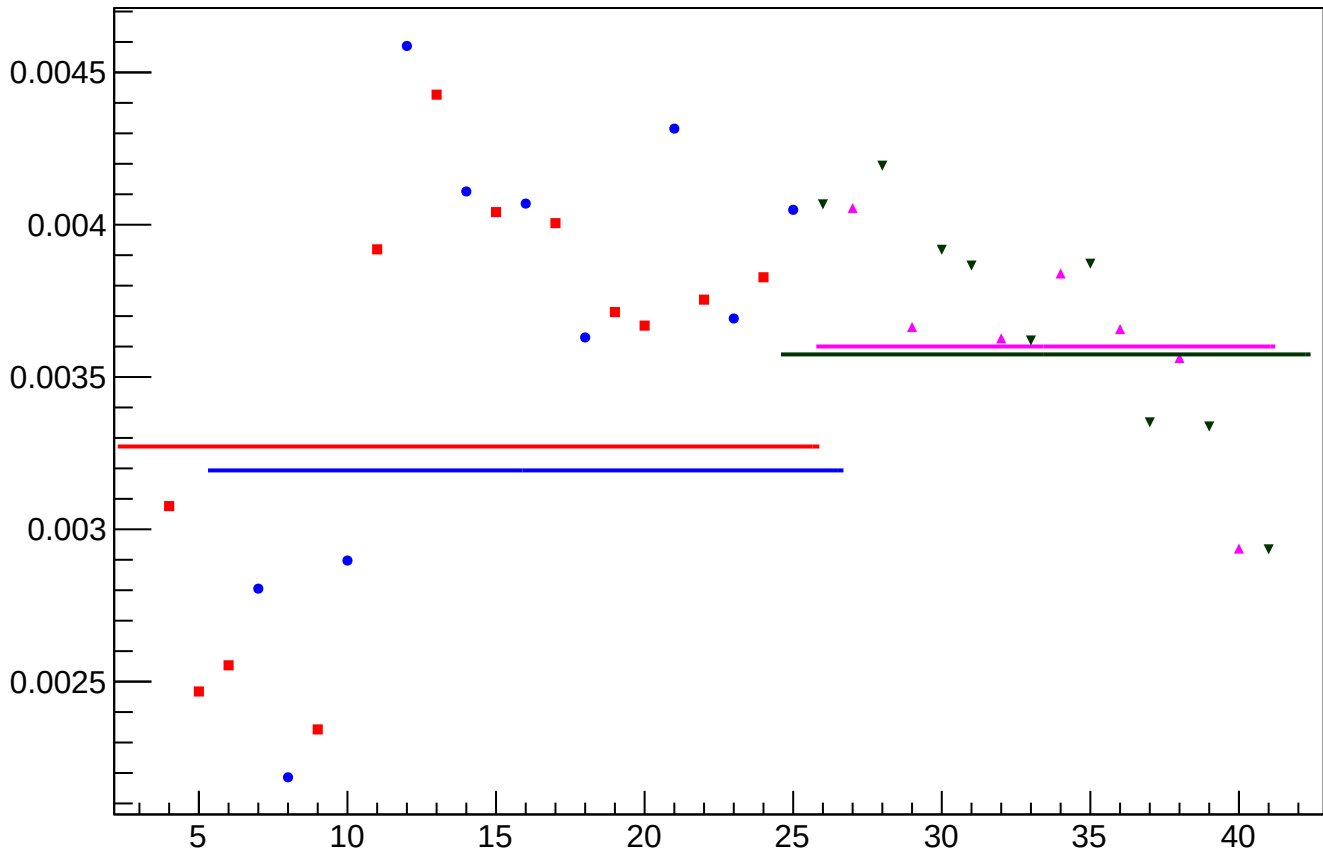
-0.106+/-0.000 χ^2/NDF : 9905610650.3/18

Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

-0.117+/-0.000 χ^2/NDF : 9258056680.7/18

Left In: -0.083+/-0.000 χ^2/NDF : 3361252.5/6

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 816109.2/9

Left Out: 0.004+/-0.000 χ^2/NDF :122820.4/8

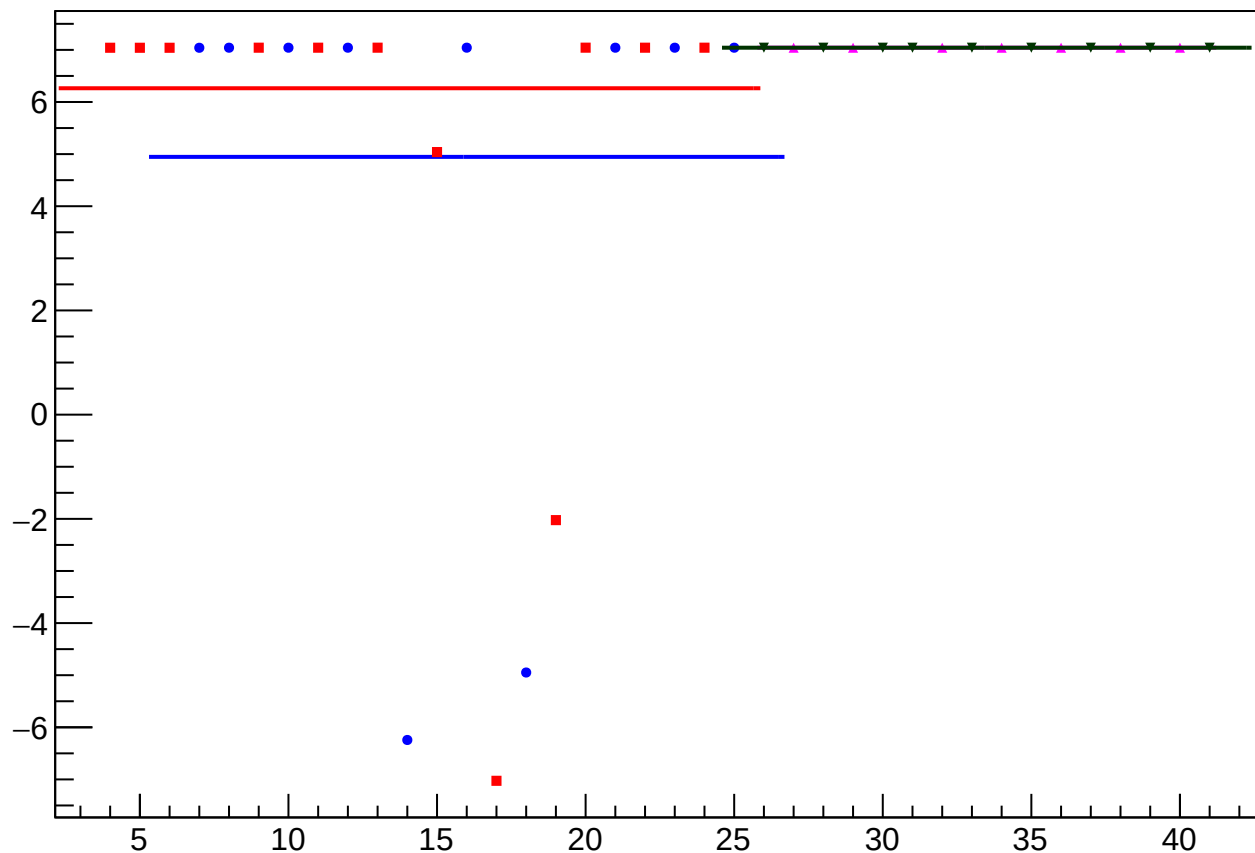
0.003+/-0.000 χ^2/NDF : 1002501.9/18

Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

0.003+/-0.000 χ^2/NDF : 734991.0/18

Left In: 0.004+/-0.000 χ^2/NDF :74867.7/6

yield_cav4dX_mean vs slug



Right In: 4.947+/-0.000 χ^2/NDF : 4224474165211712.0/9

Left Out: 7.042+/-0.000 χ^2/NDF : 742743.2/8

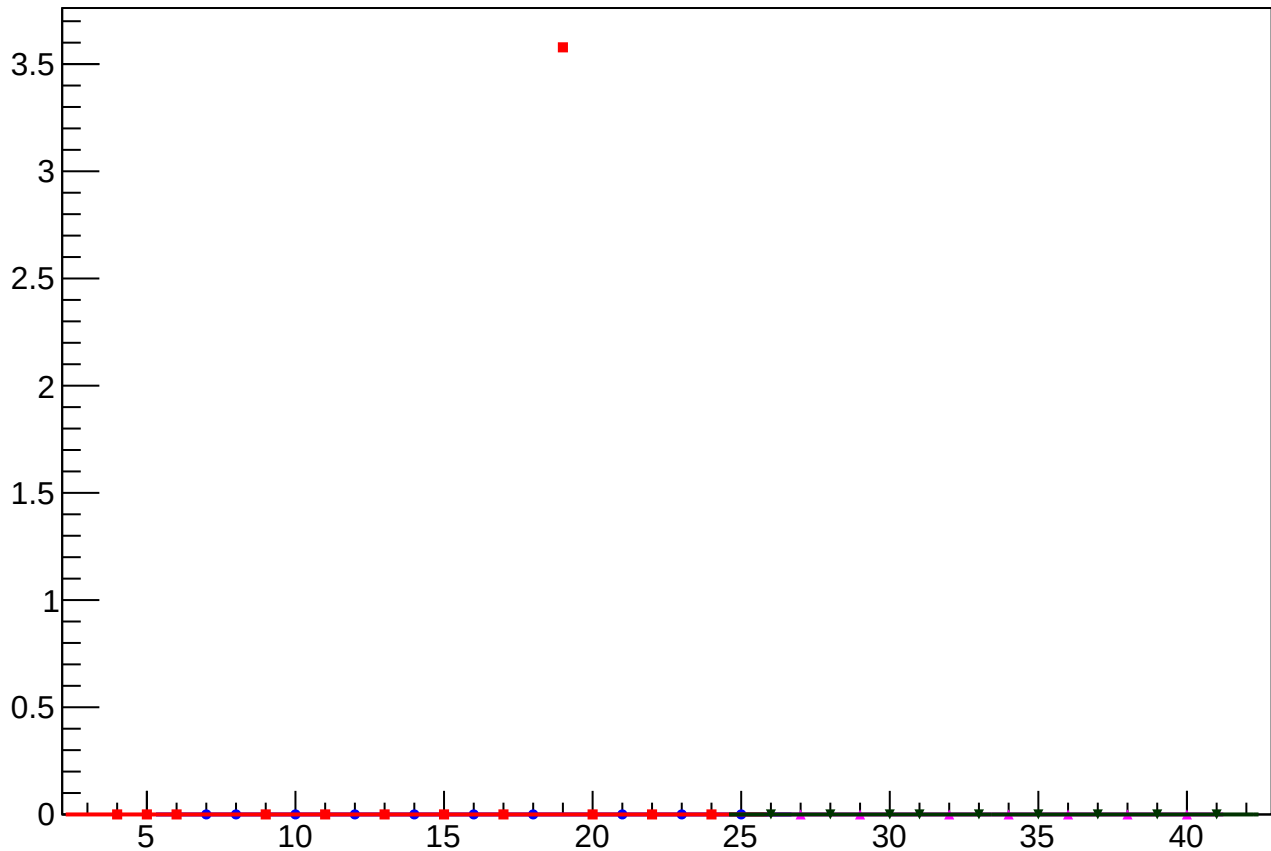
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF : 512220.8/6

5.994+/-0.000 χ^2/NDF : 4628428220359261.0/1

6.648+/-0.000 χ^2/NDF : 1866087633338637.5/1

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 2529.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :1517.6/8

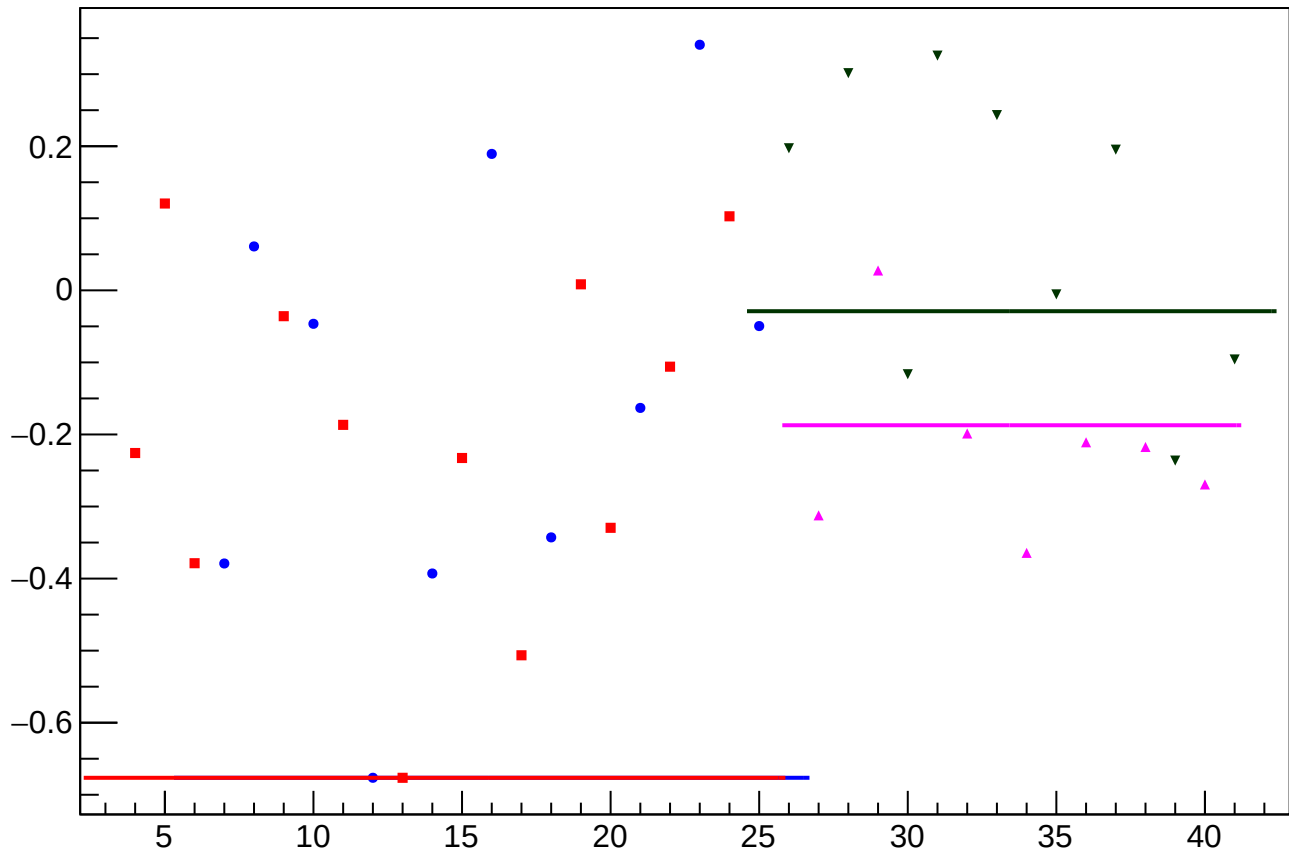
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

Left In: 0.000+/-0.000 χ^2/NDF :1199.2/6

0.000+/-0.000 χ^2/NDF : 4982.1/18

0.000+/-0.000 χ^2/NDF : 700178.6/18

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: -0.029+/-0.000 χ^2/NDF : 15989113.9/8

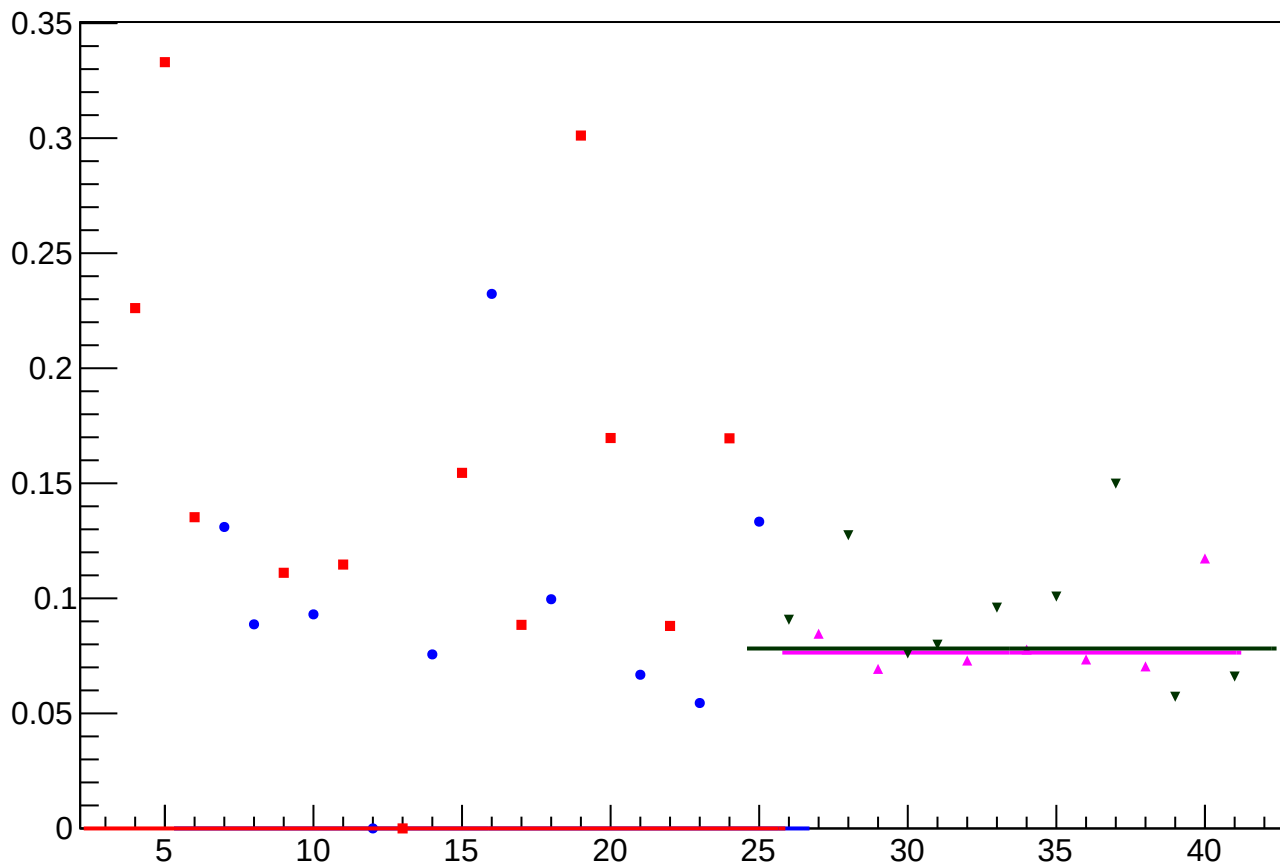
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: -0.187+/-0.000 χ^2/NDF : 7127151.3/6

-0.676+/-0.000 χ^2/NDF : 410241927.0/18

-0.676+/-0.000 χ^2/NDF : 178444686.4/18

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.078+/-0.000 χ^2/NDF :450853.1/8

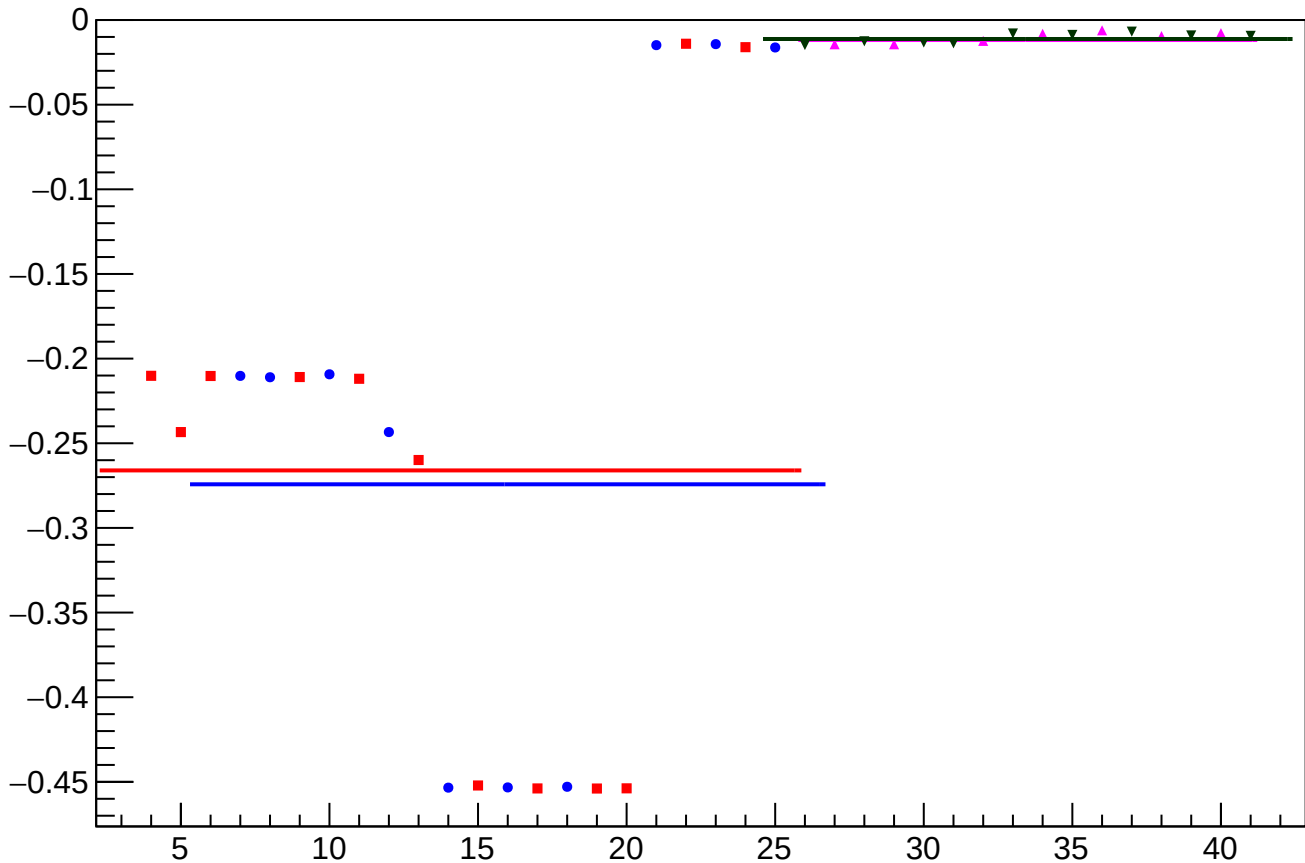
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.076+/-0.000 χ^2/NDF :102703.3/6

0.000+/-0.000 χ^2/NDF : 14013299.5/18

0.000+/-0.000 χ^2/NDF : 13329871.1/18

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.011+/-0.000 χ^2/NDF : 398544.7/8

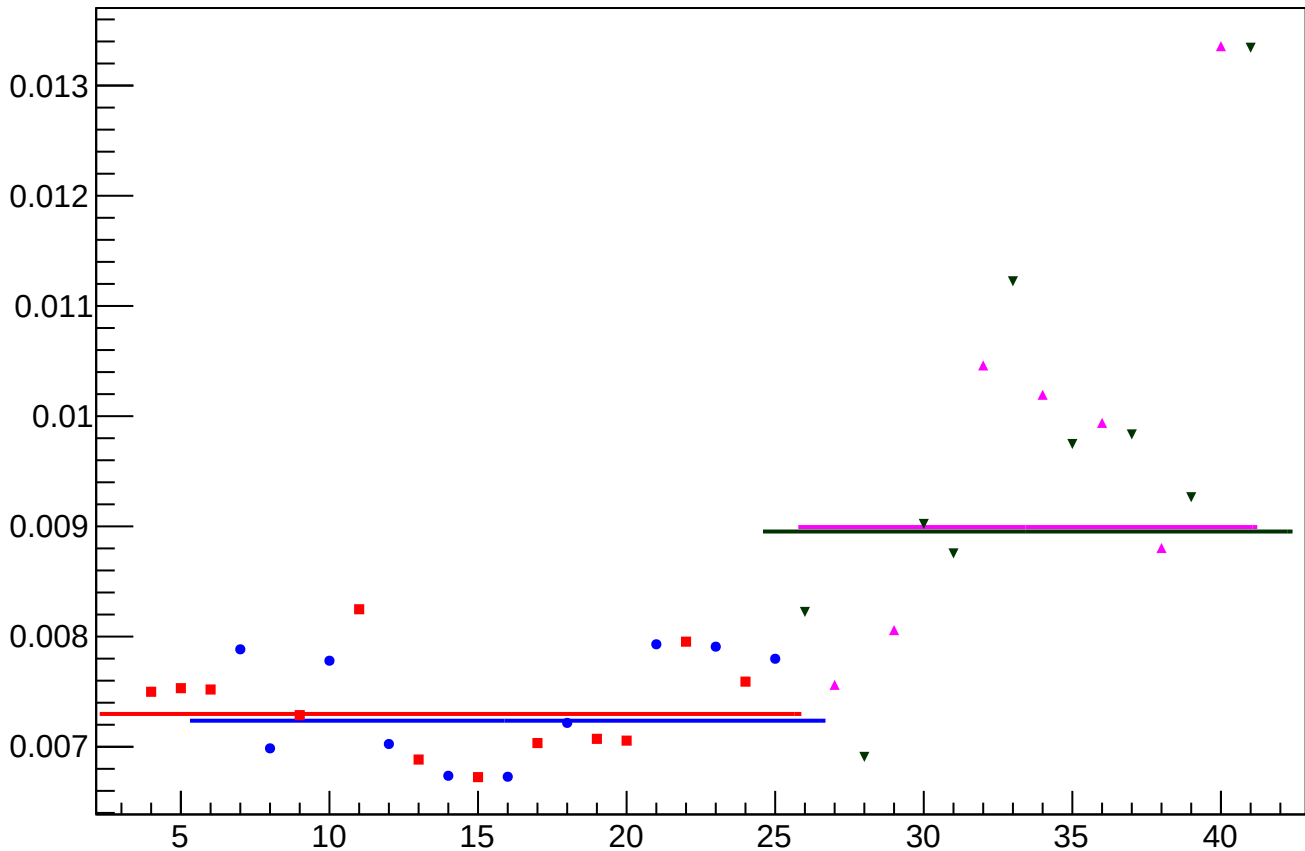
-0.190+/-0.000 χ^2/NDF : 6055873991.7/18

Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

-0.187+/-0.000 χ^2/NDF : 5017695656.0/18

Left In: -0.012+/-0.000 χ^2/NDF : 478706.1/6

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54029.4/9

Left Out: 0.009+/-0.000 χ^2/NDF :307606.7/8

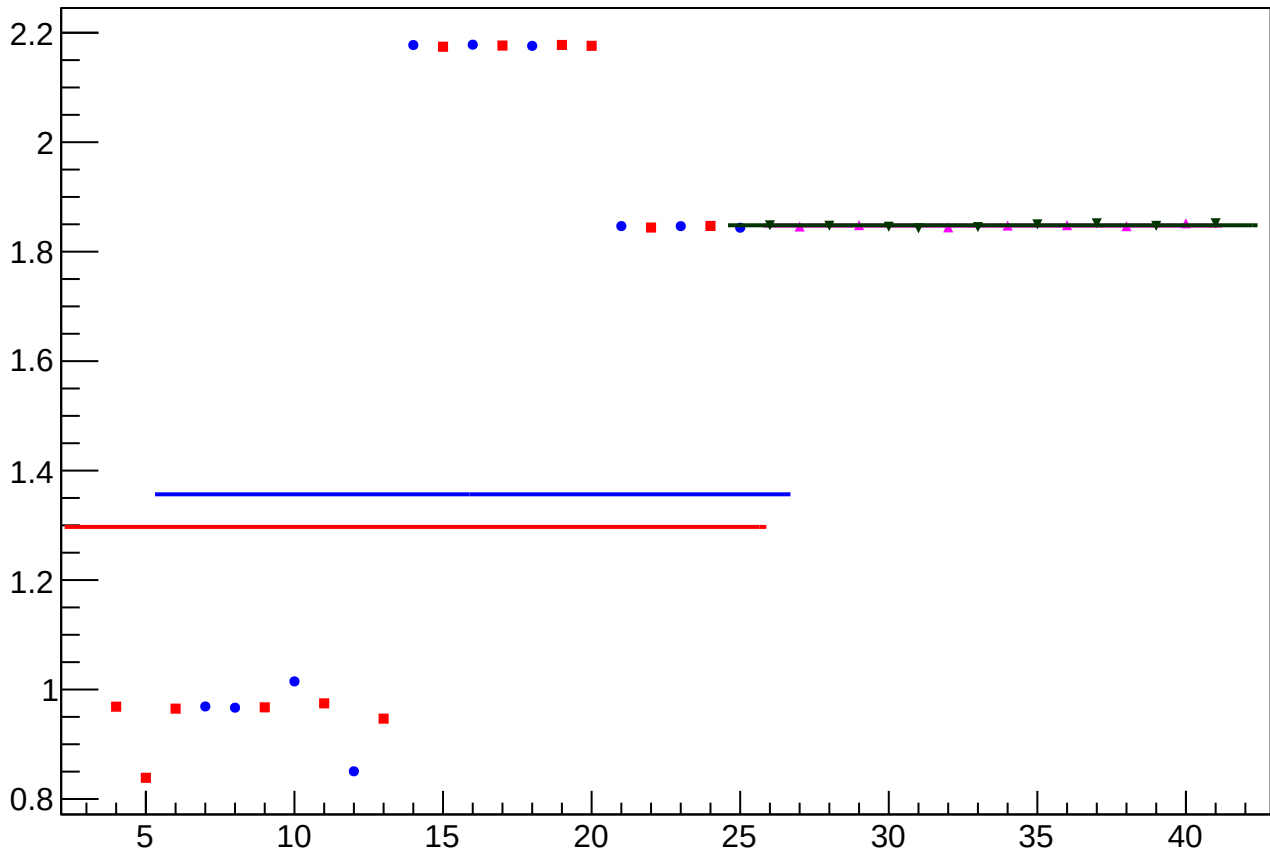
0.008+/-0.000 χ^2/NDF : 591661.5/18

Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

0.008+/-0.000 χ^2/NDF : 504743.6/18

Left In: 0.009+/-0.000 χ^2/NDF :243695.8/6

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.848+/-0.000 χ^2/NDF : 199441.1/8

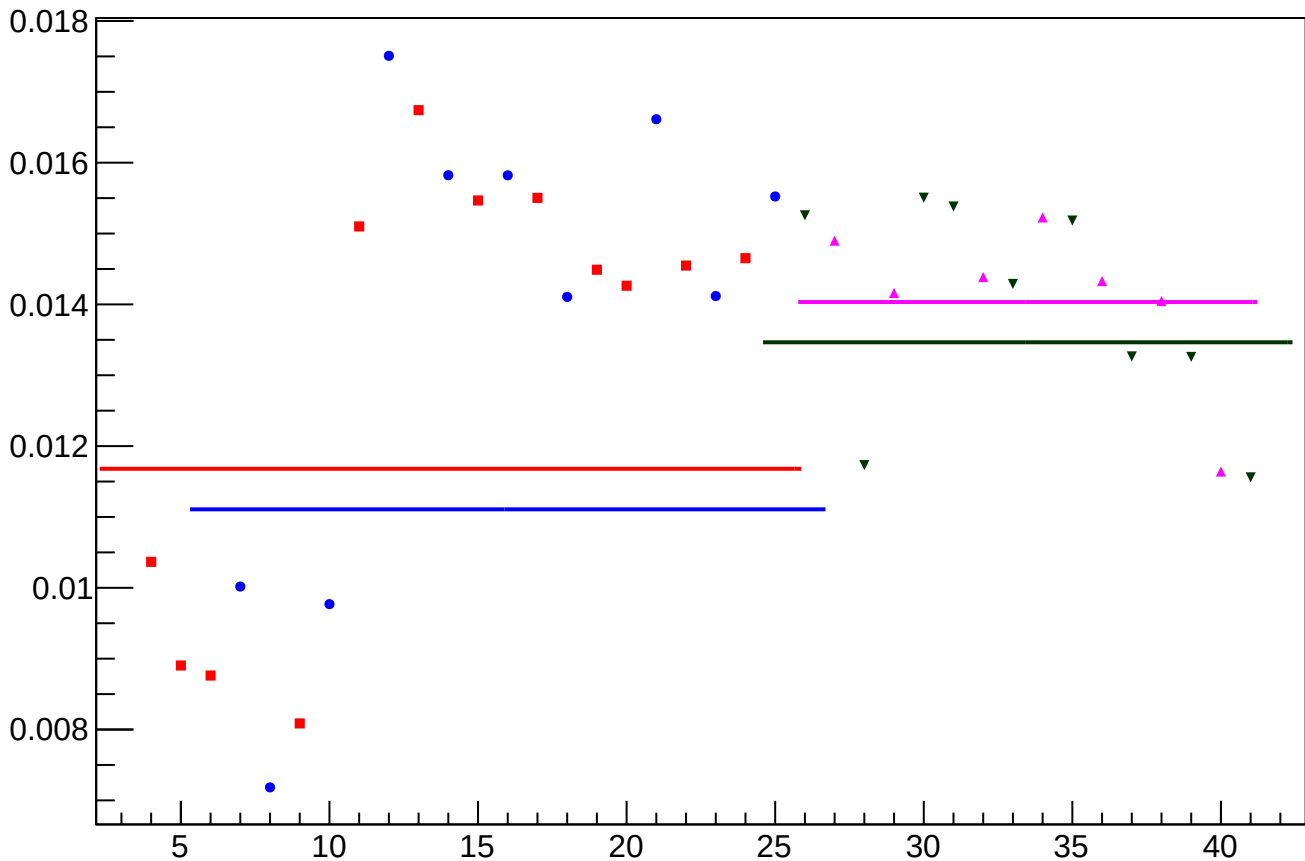
1.534+/-0.000 χ^2/NDF : 16262404771.0/18

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.490+/-0.000 χ^2/NDF : 15385090224.6/18

Left In: 1.848+/-0.000 χ^2/NDF : 122055.5/6

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1302674.8/9

Left Out: 0.013+/-0.000 χ^2/NDF : 115313.6/8

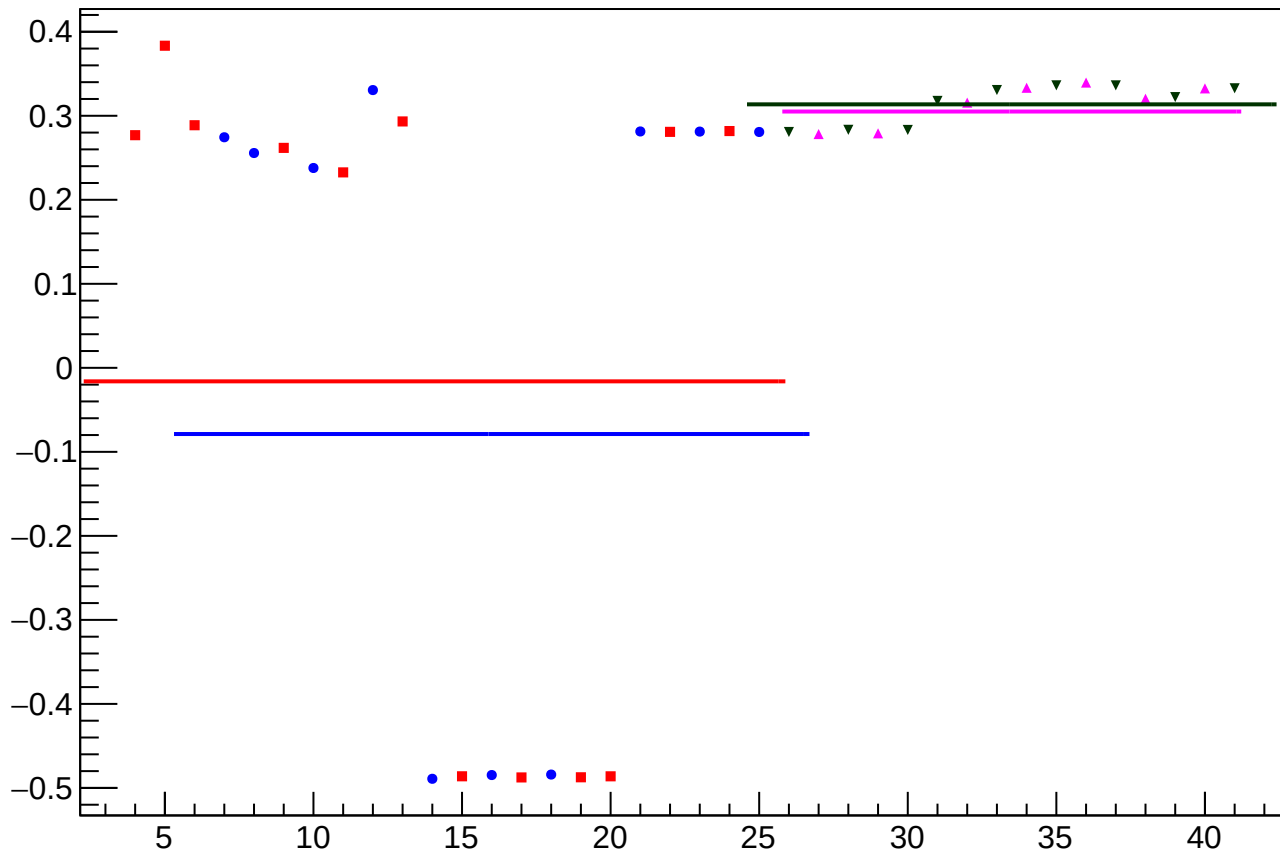
0.012+/-0.000 χ^2/NDF : 1596904.6/18

Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

0.013+/-0.000 χ^2/NDF : 1146908.7/18

Left In: 0.014+/-0.000 χ^2/NDF : 54092.4/6

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.314+/-0.000 χ^2/NDF : 4961064.4/8

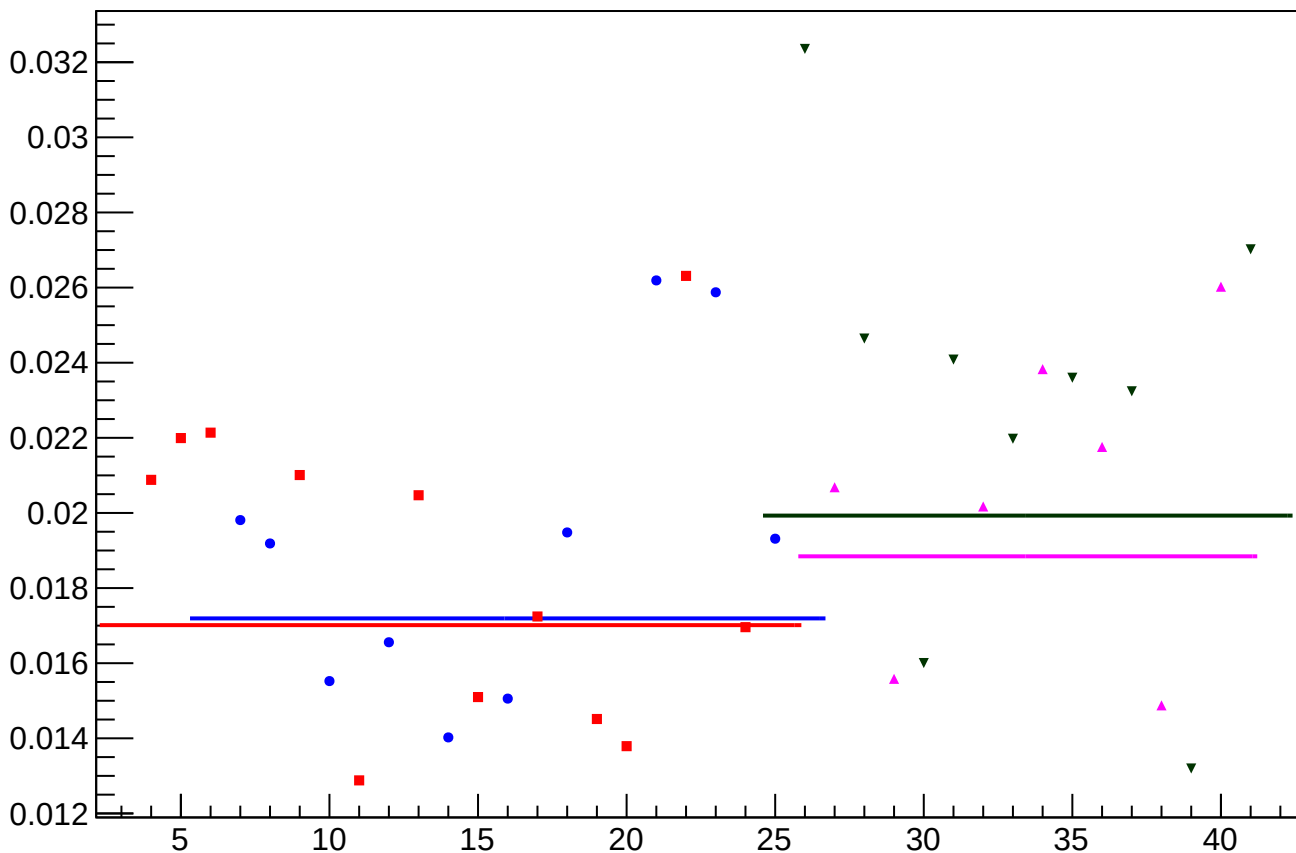
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.305+/-0.000 χ^2/NDF : 6535082.0/6

0.057+/-0.000 χ^2/NDF : 3969563611.1/18

0.100+/-0.000 χ^2/NDF : 3506543484.7/18

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.020+/-0.000 χ^2/NDF : 669312.1/8

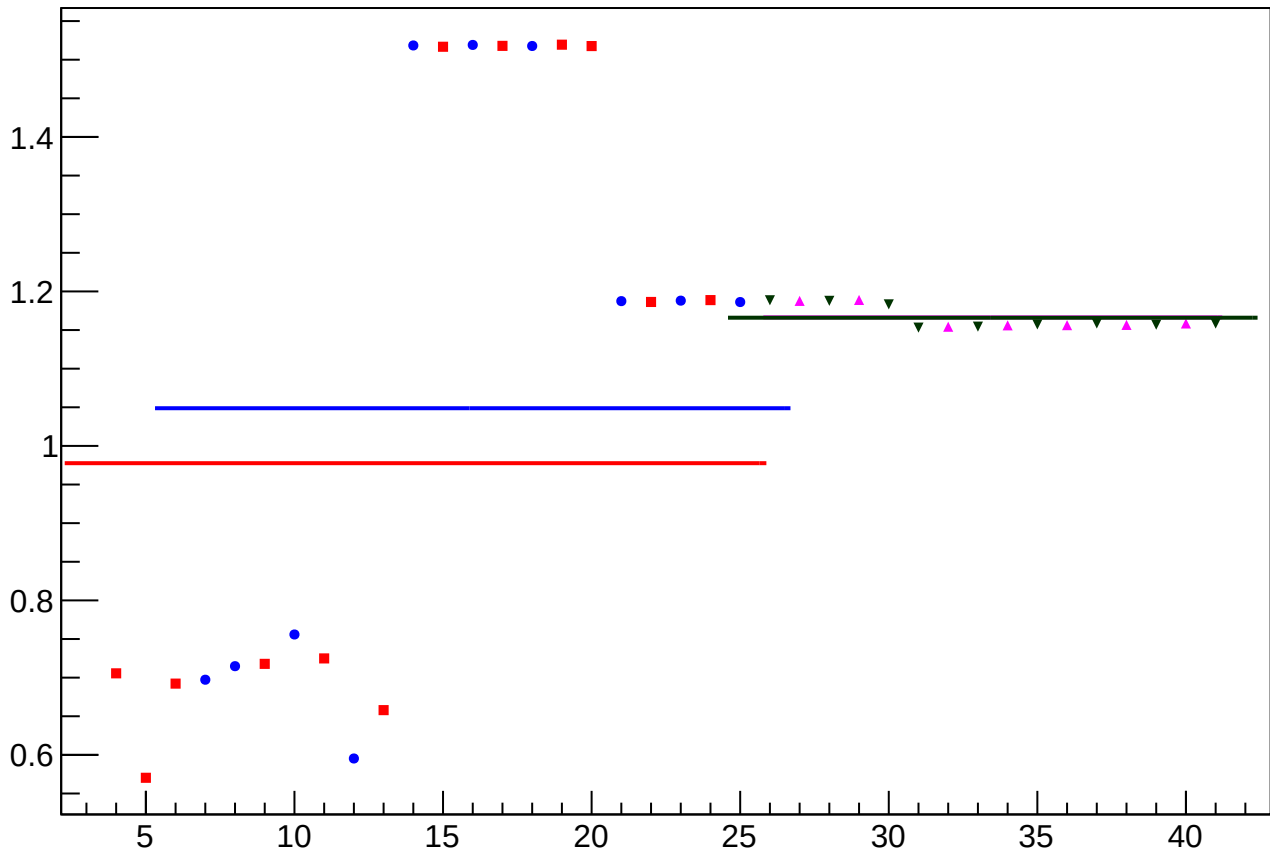
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.019+/-0.000 χ^2/NDF : 283622.0/6

0.018+/-0.000 χ^2/NDF : 1252767.3/18

0.018+/-0.000 χ^2/NDF : 875112.5/18

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.166+/-0.000 χ^2/NDF : 11804206.0/8

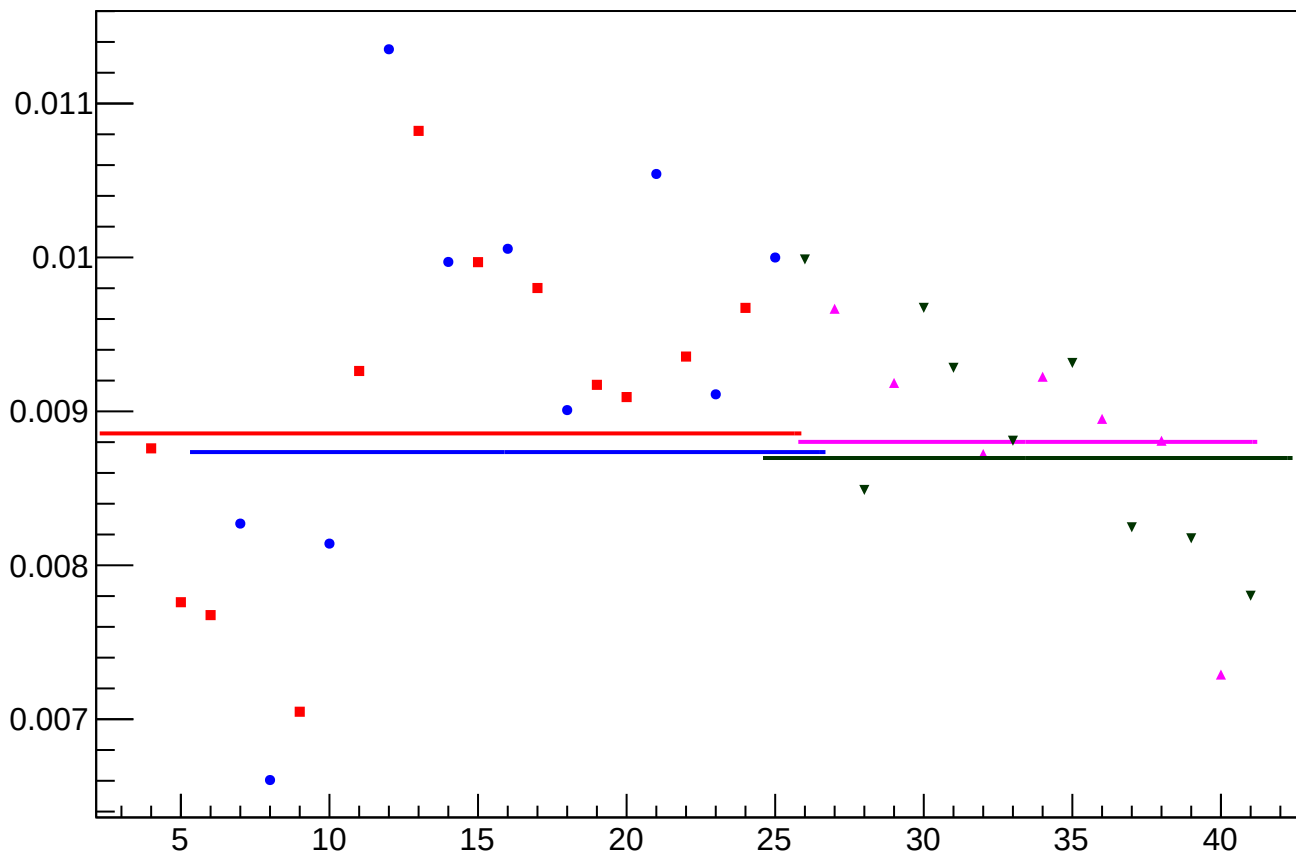
1.100+/-0.000 χ^2/NDF : 10751921289.4/18

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

1.058+/-0.000 χ^2/NDF : 11078226999.1/18

Left In: 1.166+/-0.000 χ^2/NDF : 12781344.0/6

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 359497.5/9

Left Out: 0.009+/-0.000 χ^2/NDF : 56840.3/8

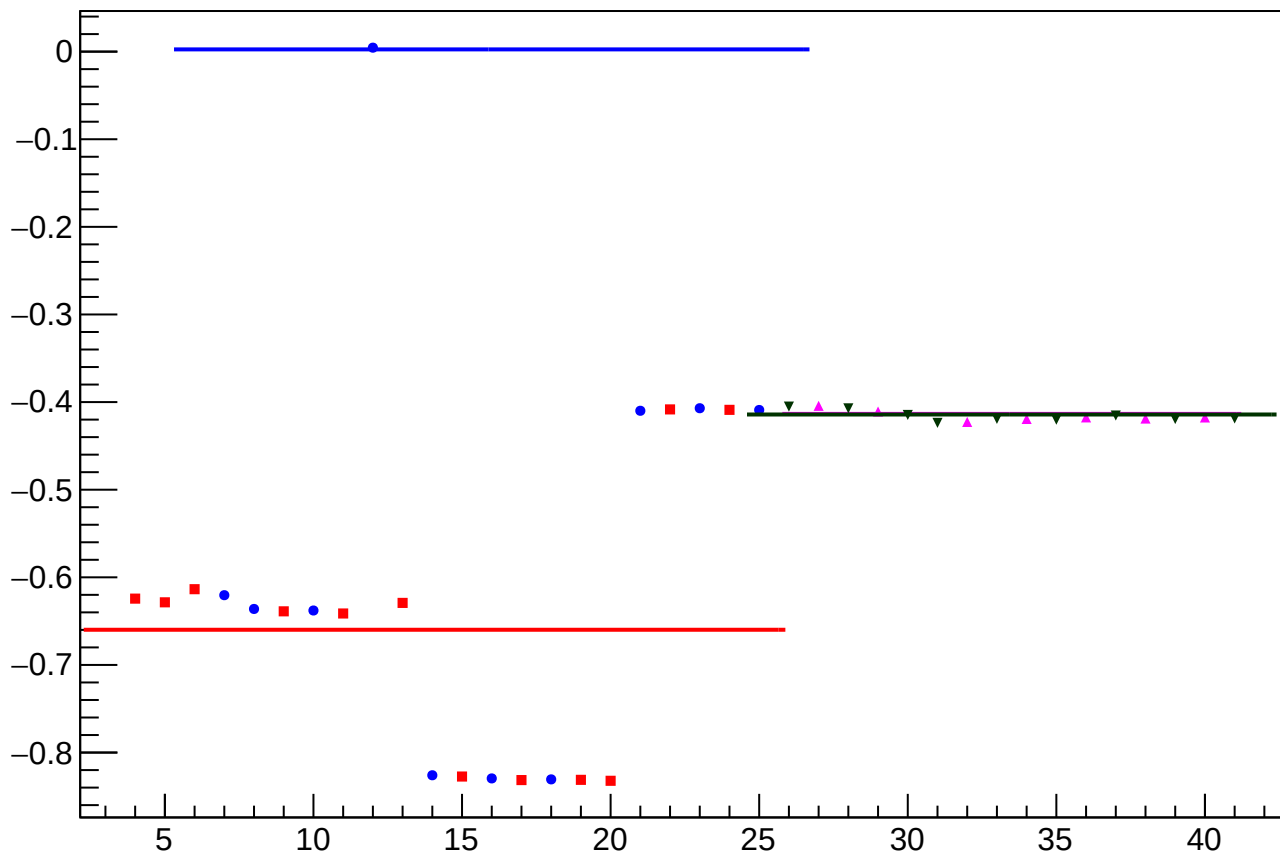
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 59541.6/6

0.009+/-0.000 χ^2/NDF : 416440.0/18

0.009+/-0.000 χ^2/NDF : 283586.1/18

yield_bpm4acX_mean vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 51925247581.1/9

Left Out: -0.414+/-0.000 χ^2/NDF : 2188409.6/8

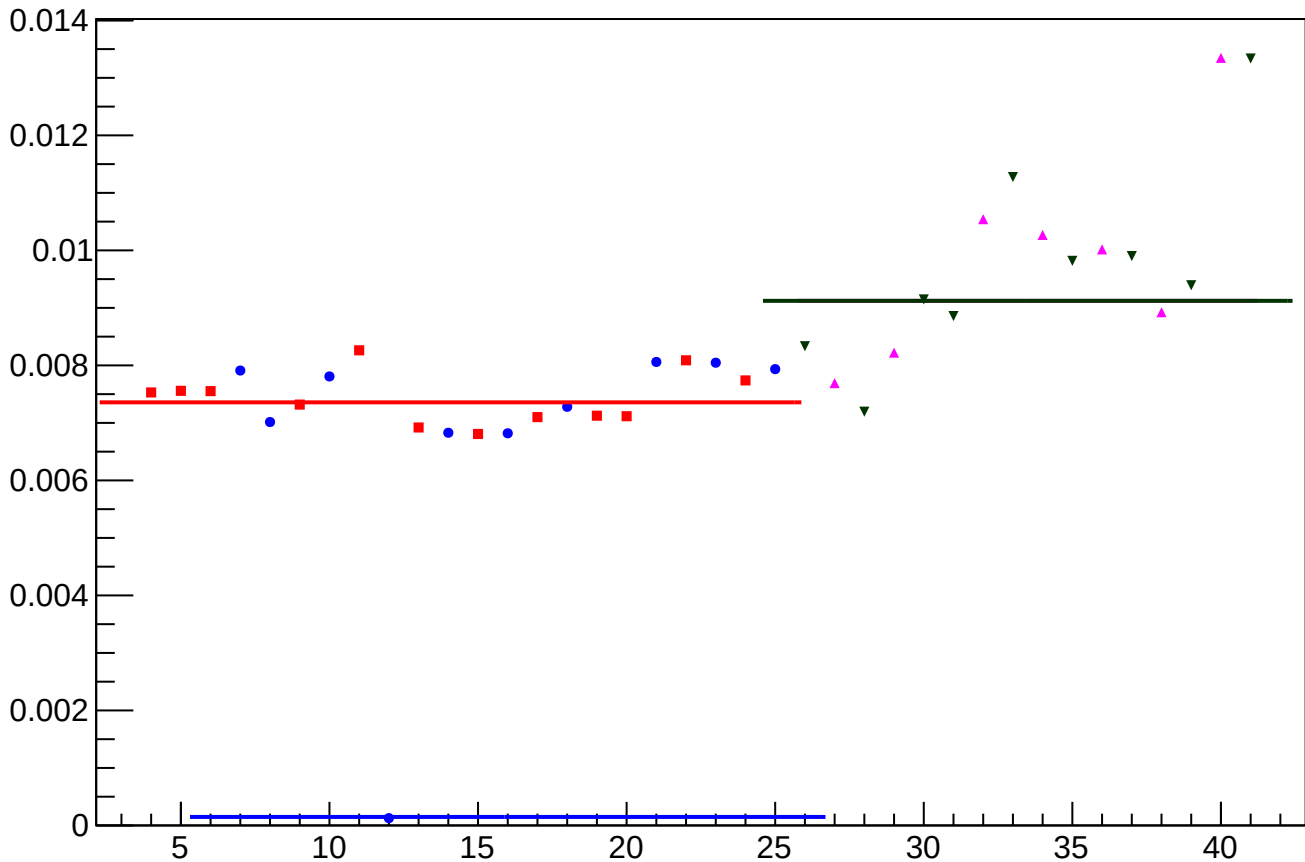
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.413+/-0.000 χ^2/NDF : 2418924.1/6

0.002+/-0.000 χ^2/NDF : 61589261431.3/18

-0.583+/-0.000 χ^2/NDF : 4467234432.0/18

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11156093.4/9

Left Out: 0.009+/-0.000 χ^2/NDF : 270587.1/8

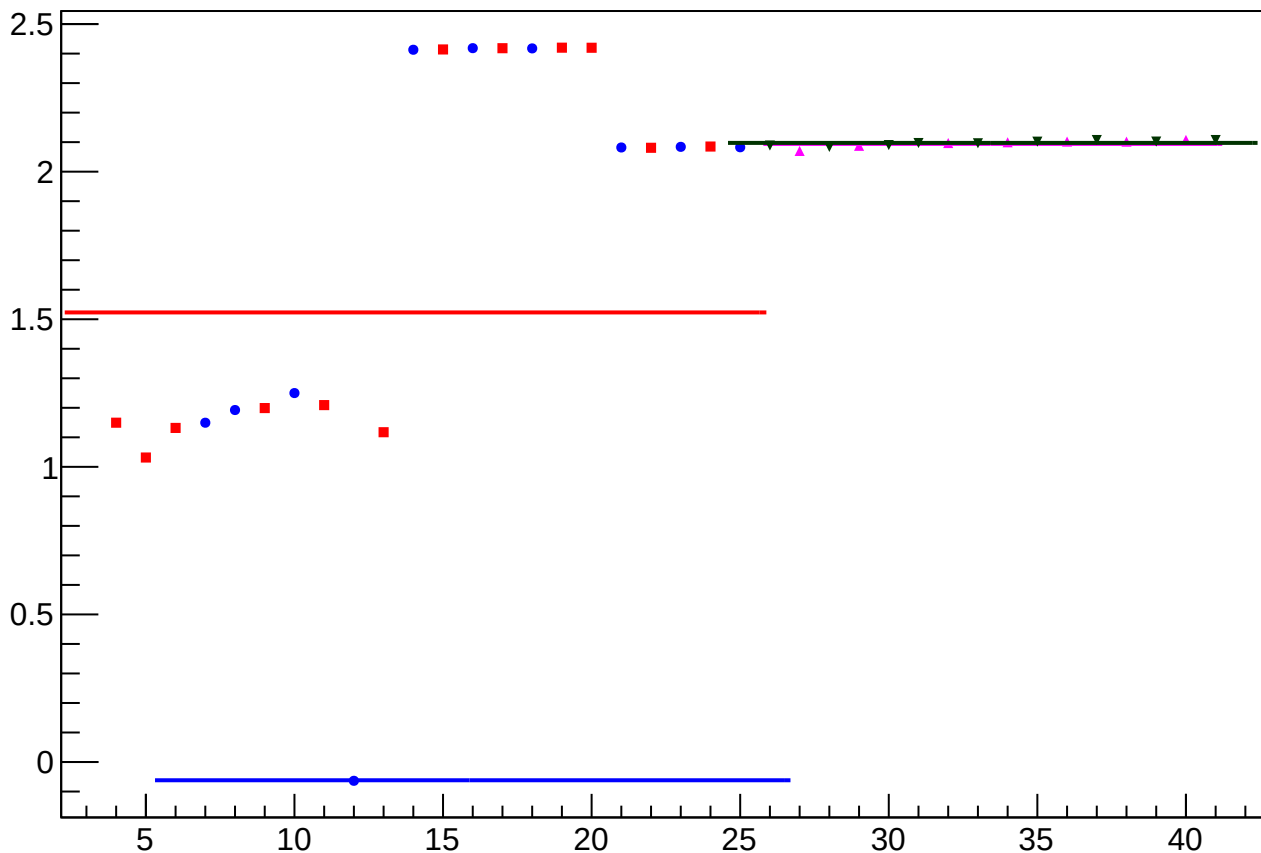
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.009+/-0.000 χ^2/NDF : 227958.7/6

0.000+/-0.000 χ^2/NDF : 20389895.3/18

0.008+/-0.000 χ^2/NDF : 501682.8/18

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.097+/-0.000 χ^2/NDF : 1803804.0/8

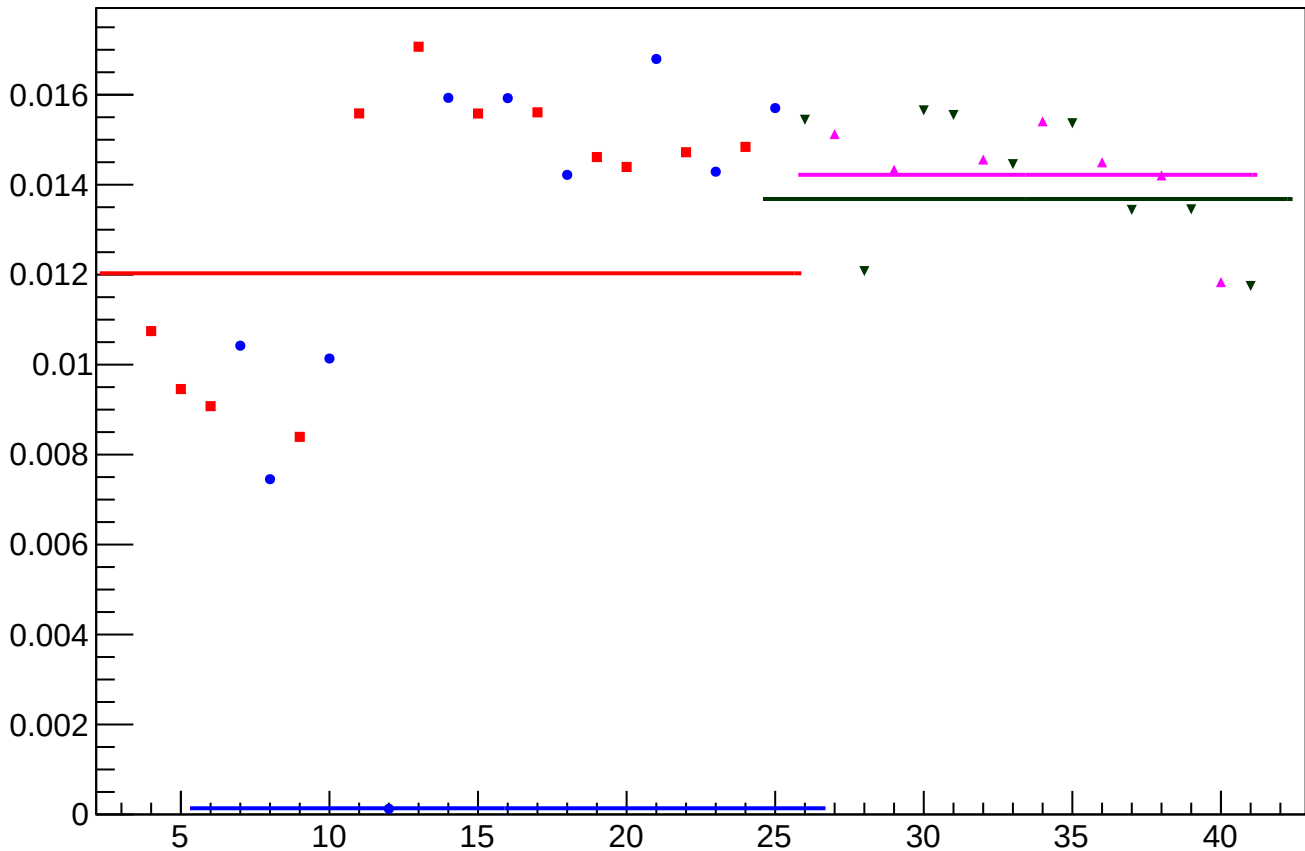
-0.060+/-0.000 χ^2/NDF : 240760979756.9/18

Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

1.727+/-0.000 χ^2/NDF : 15964194459.5/18

Left In: 2.094+/-0.000 χ^2/NDF : 3246640.9/6

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 106250.3/8

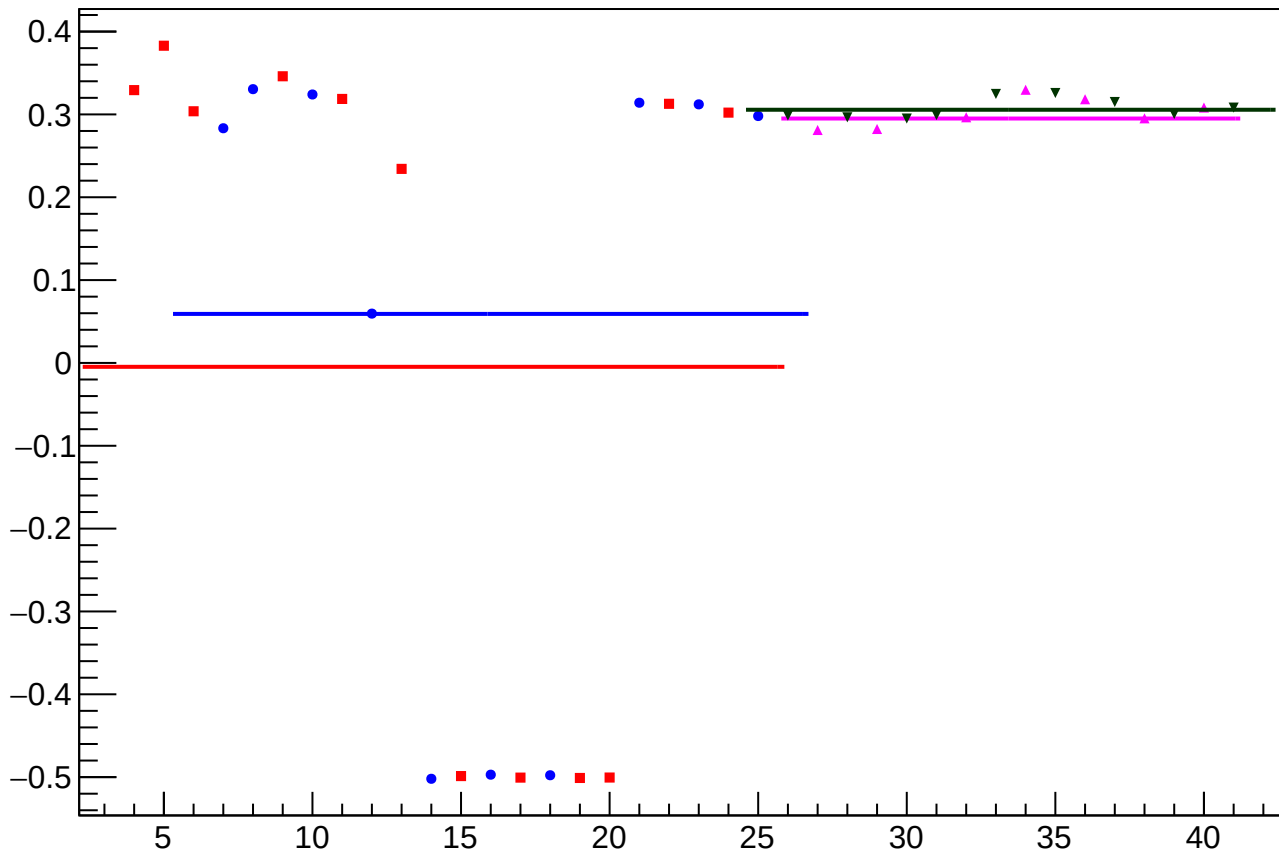
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.014+/-0.000 χ^2/NDF : 52520.9/6

0.000+/-0.000 χ^2/NDF : 19953539.8/18

0.013+/-0.000 χ^2/NDF : 1046552.7/18

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3541111693.7/9

Left Out: 0.306+/-0.000 χ^2/NDF :1232409.3/8

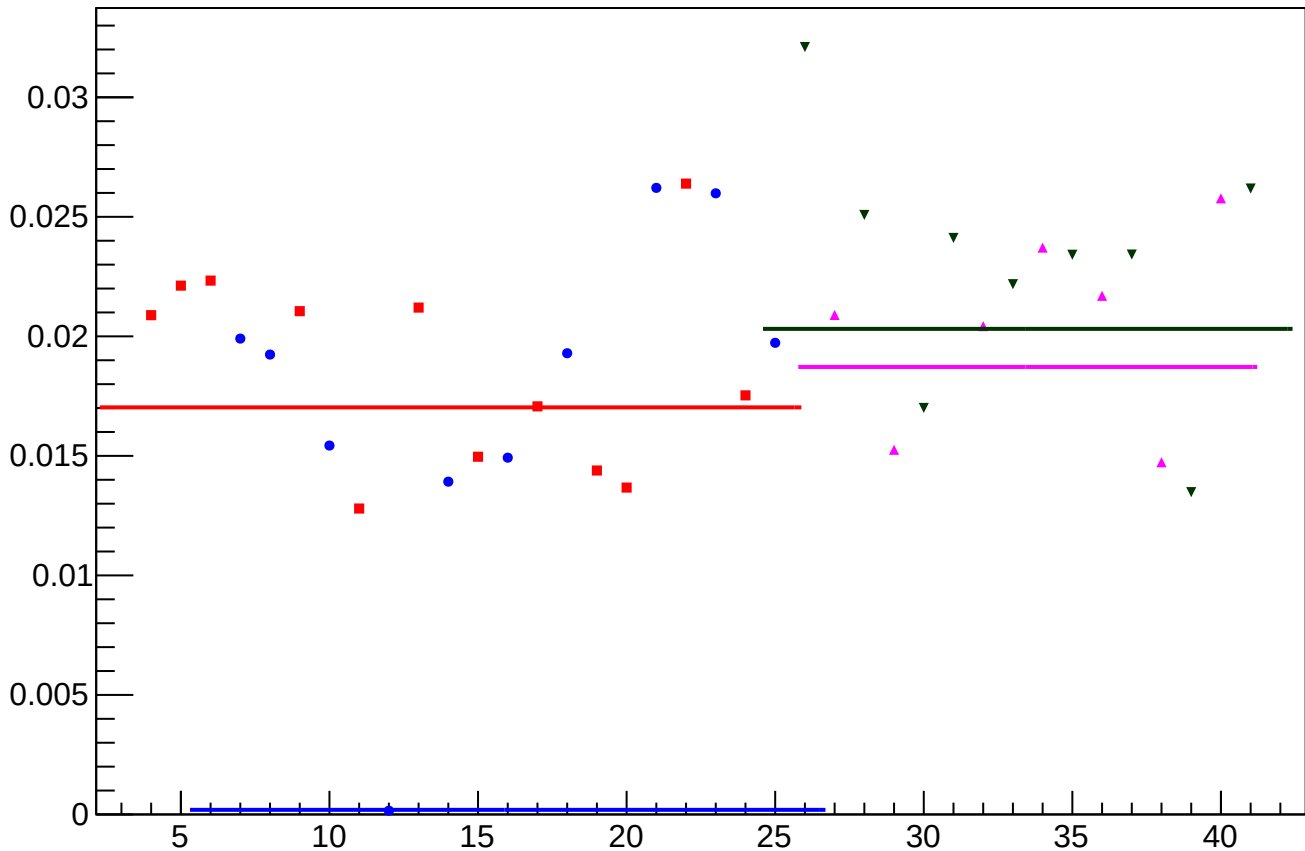
0.059+/-0.000 χ^2/NDF : 4172401133.2/18

Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

0.105+/-0.000 χ^2/NDF : 3811720891.6/18

Left In: 0.295+/-0.000 χ^2/NDF :2601027.8/6

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10989835.4/9

Left Out: 0.020+/-0.000 χ^2/NDF : 599070.4/8

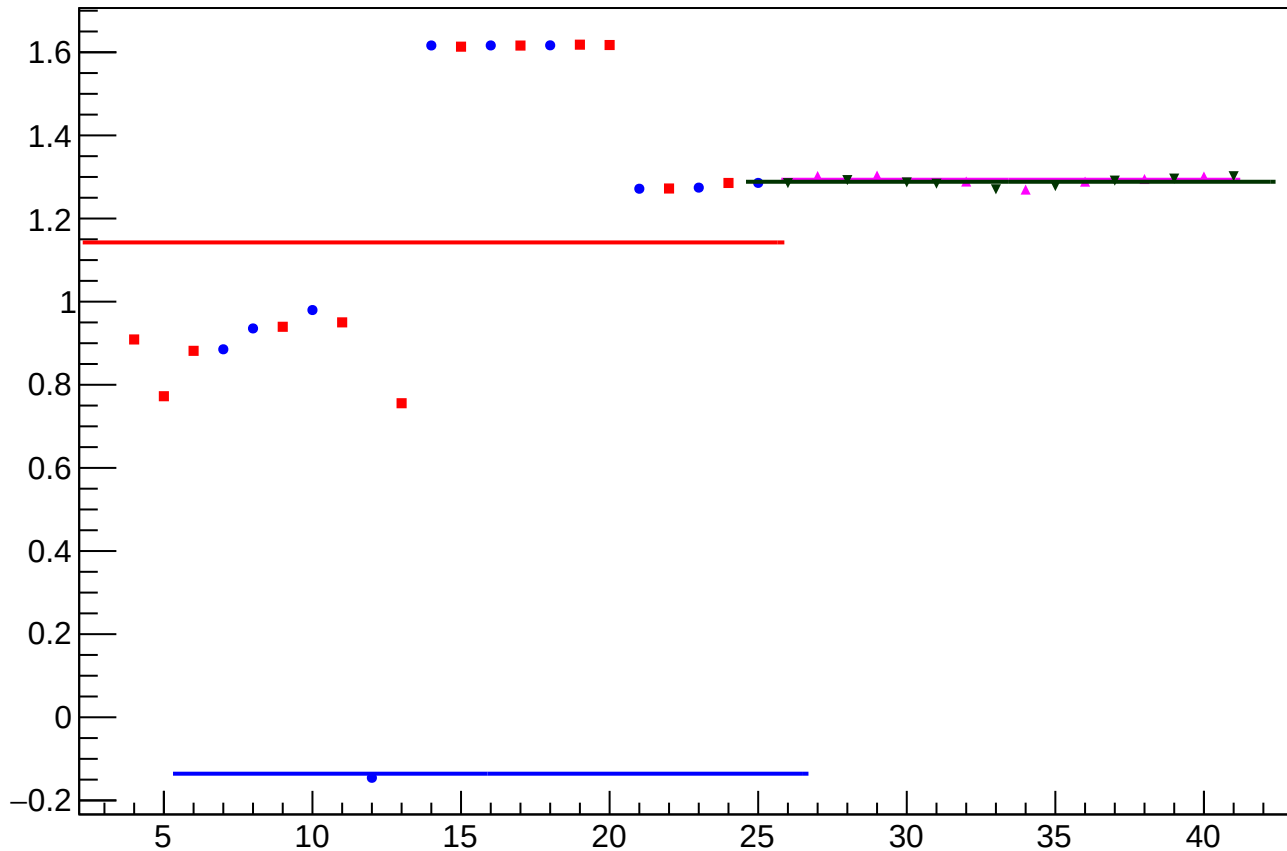
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.019+/-0.000 χ^2/NDF : 307742.7/6

0.000+/-0.000 χ^2/NDF : 19987233.6/18

0.018+/-0.000 χ^2/NDF : 934805.5/18

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.288+/-0.000 χ^2/NDF : 3979481.0/8

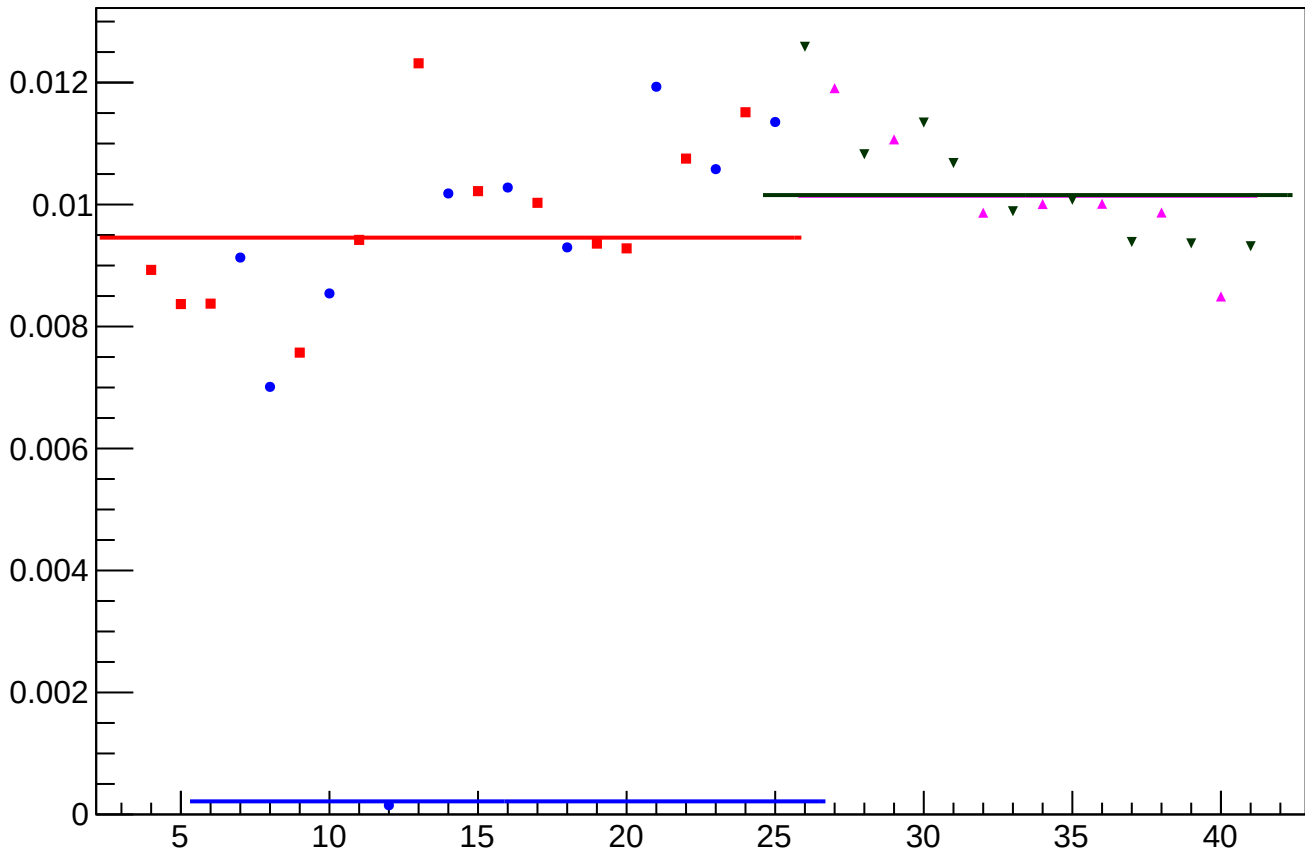
-0.129+/-0.000 χ^2/NDF : 221839817928.4/18

Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

1.201+/-0.000 χ^2/NDF : 7614672570.2/18

Left In: 1.293+/-0.000 χ^2/NDF : 4566443.3/6

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10811399.3/9

Left Out: 0.010+/-0.000 χ^2/NDF : 78016.7/8

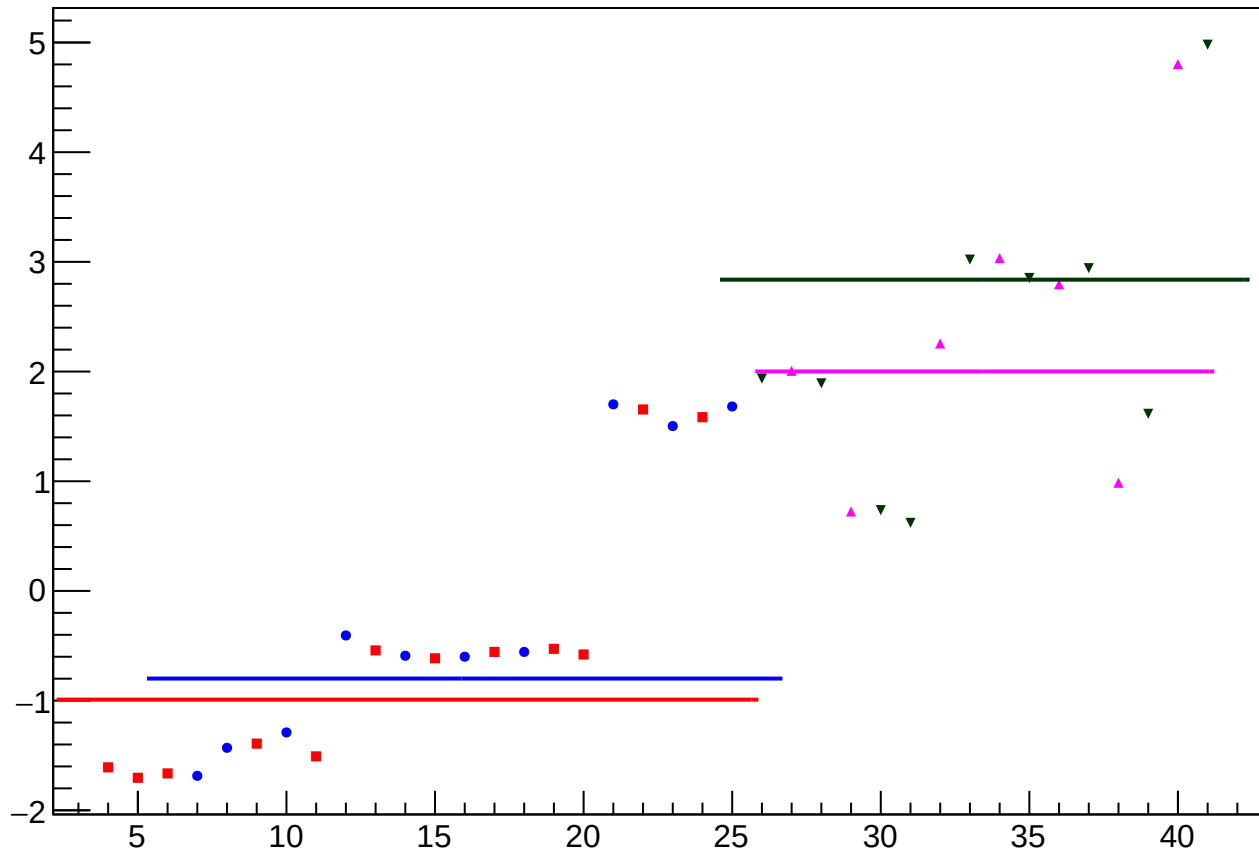
Right Out: 0.009+/-0.000 χ^2/NDF : 269492.1/11

Left In: 0.010+/-0.000 χ^2/NDF : 85665.4/6

0.000+/-0.000 χ^2/NDF : 19725817.5/18

0.010+/-0.000 χ^2/NDF : 379797.0/18

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 2.838+/-0.000 χ^2/NDF : 643483736.0/8

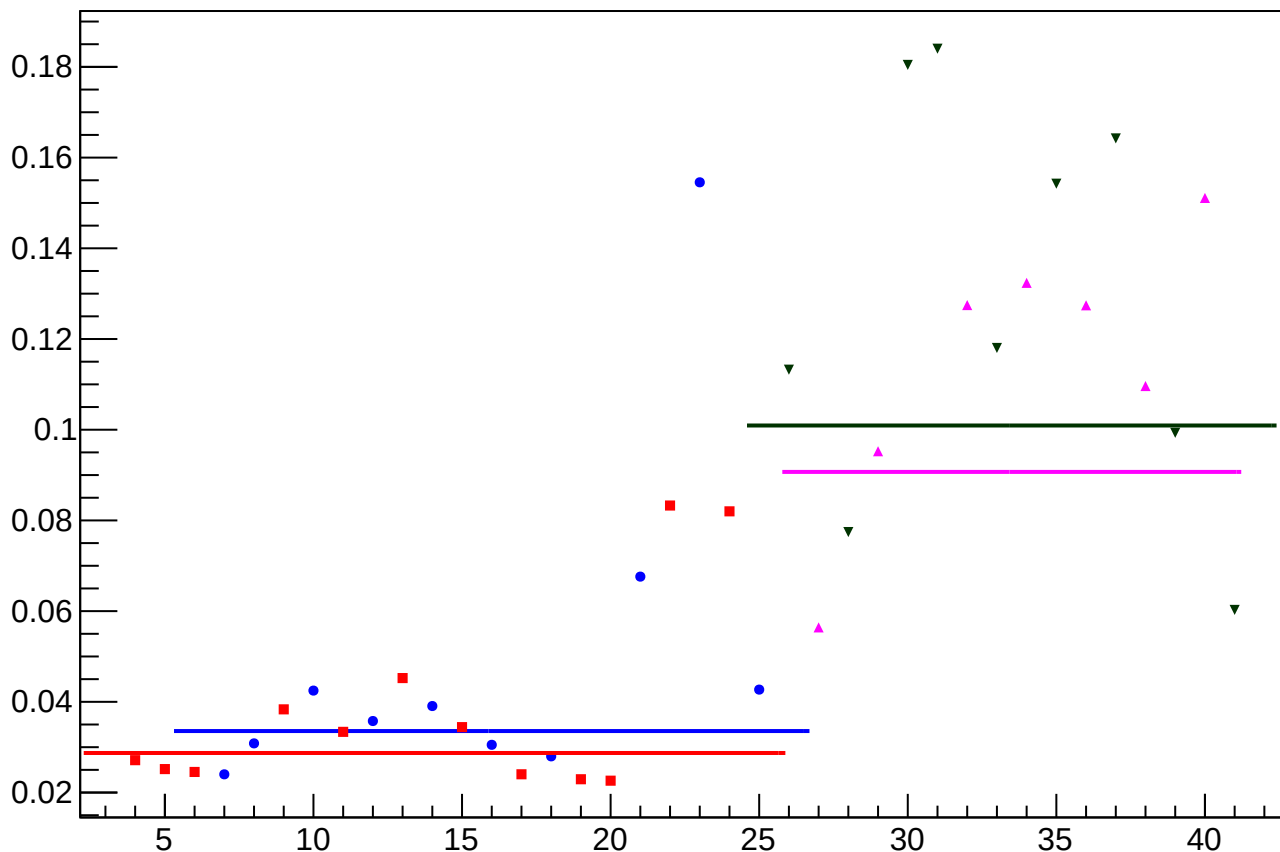
-0.528+/-0.000 χ^2/NDF : 6549576249.6/18

Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

-0.799+/-0.000 χ^2/NDF : 5437242702.5/18

Left In: 2.001+/-0.000 χ^2/NDF : 321722381.9/6

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.101+/-0.000 χ^2/NDF : 961143.5/8

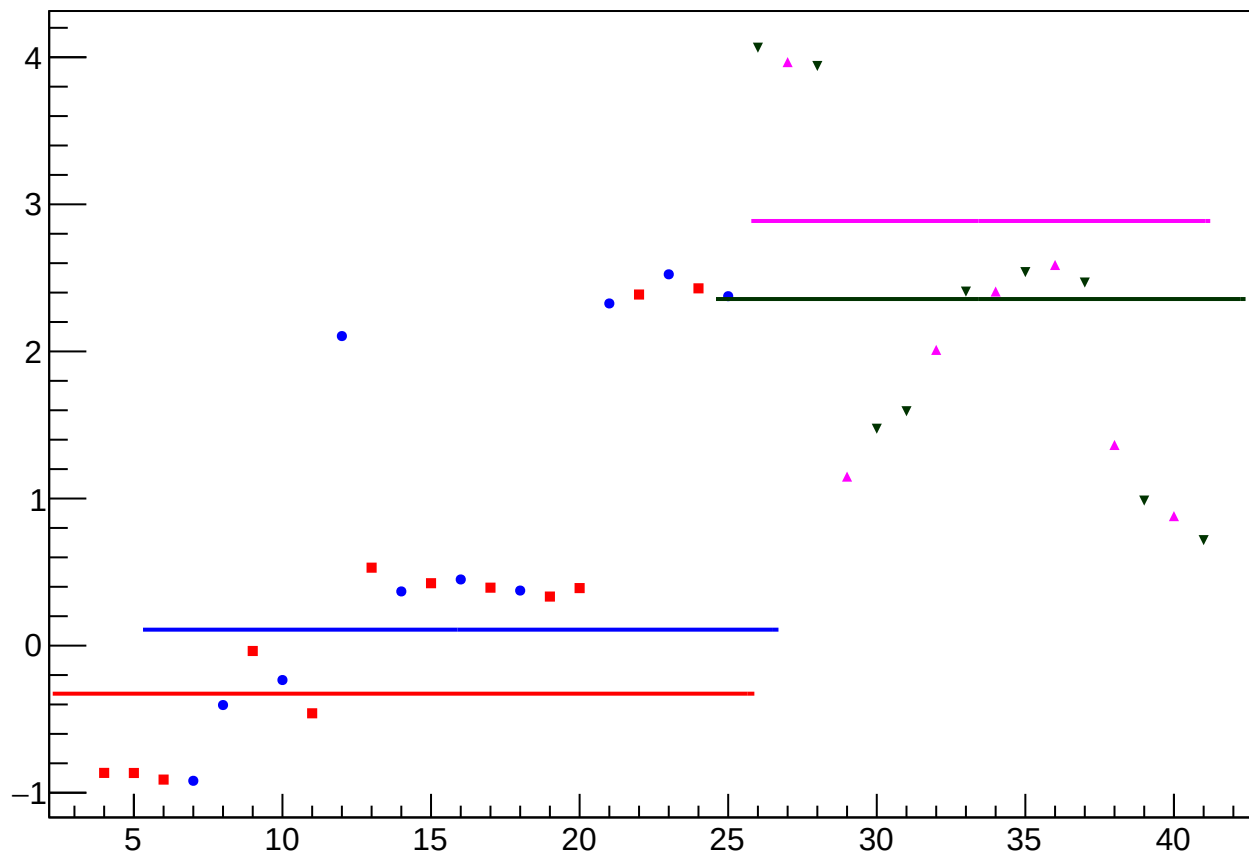
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.091+/-0.000 χ^2/NDF : 822654.8/6

0.039+/-0.000 χ^2/NDF : 4601713.2/18

0.033+/-0.000 χ^2/NDF : 4447159.5/18

yield_bpm1Y_mean vs slug



Right In: 0.109 $\pm$ 0.000 χ^2 /NDF: 8111501728.9/9

Left Out: 2.356 $\pm$ 0.000 χ^2 /NDF:1293477665.4/8

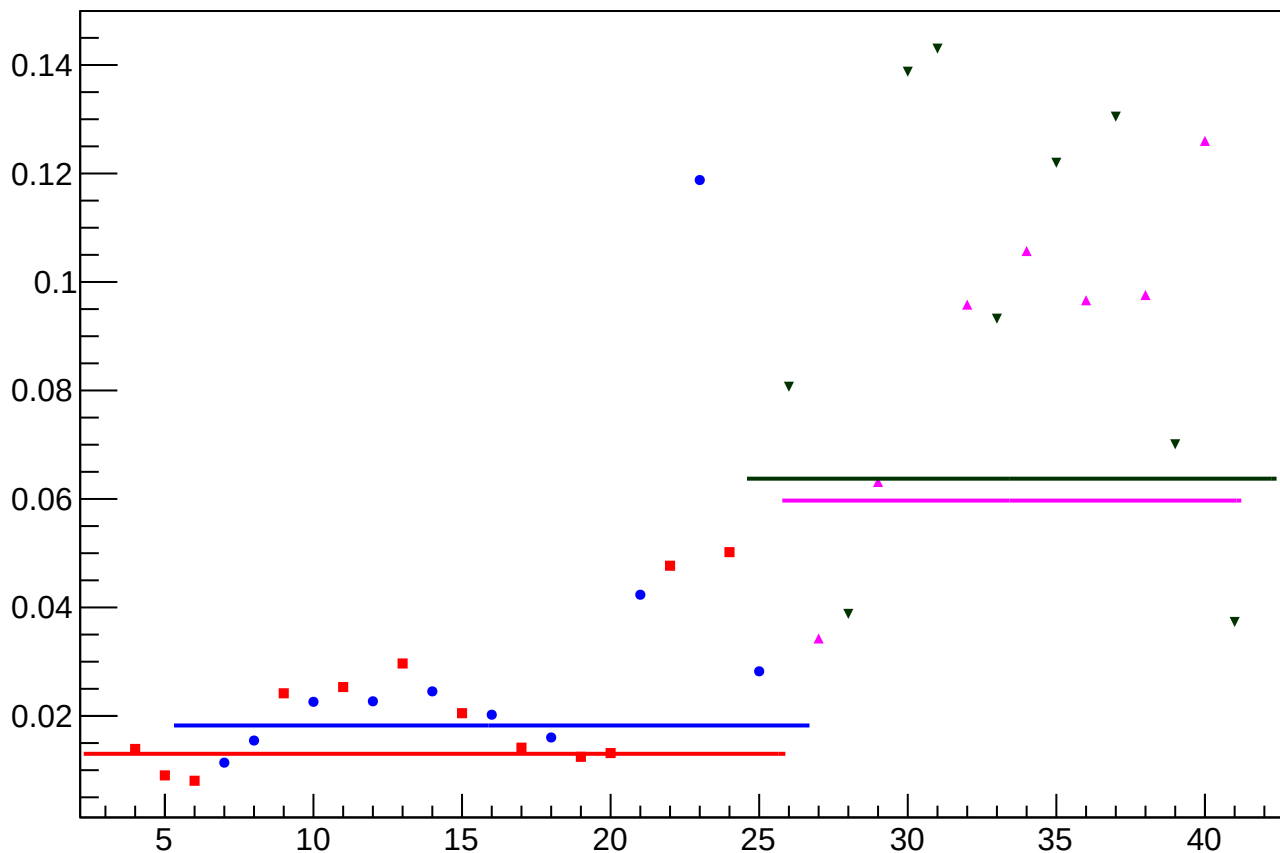
Right Out: -0.327 $\pm$ 0.000 χ^2 /NDF: 9287320551.8/11

Left In: 2.887 $\pm$ 0.000 χ^2 /NDF:1106154677.8/6

0.233 $\pm$ 0.000 χ^2 /NDF: 12486059968.2/18

-0.216 $\pm$ 0.000 χ^2 /NDF: 17823548777.9/18

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.064+/-0.000 χ^2/NDF :1562665.1/8

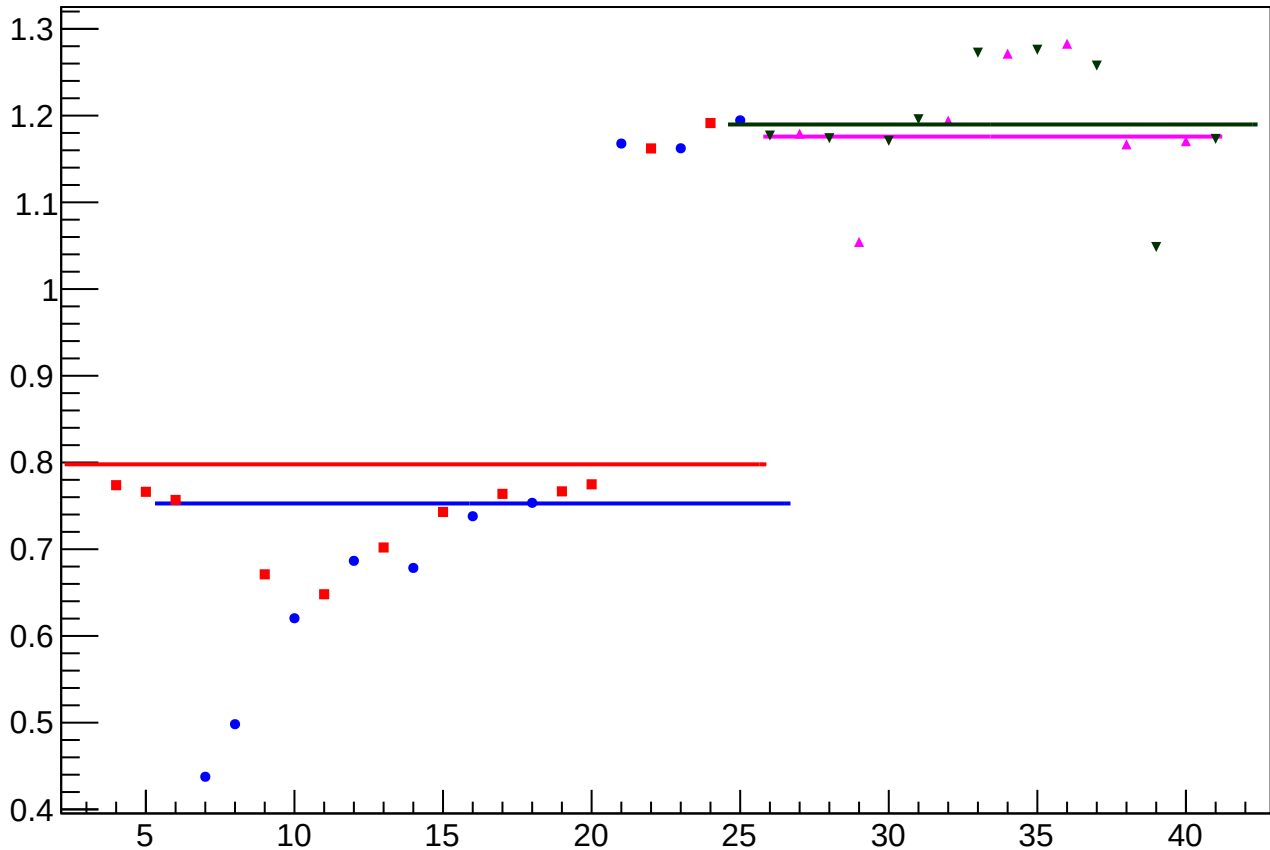
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.060+/-0.000 χ^2/NDF :1365471.3/6

0.021+/-0.000 χ^2/NDF : 5408159.5/18

0.015+/-0.000 χ^2/NDF : 6359070.0/18

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.190+/-0.000 χ^2/NDF : 39886316.4/8

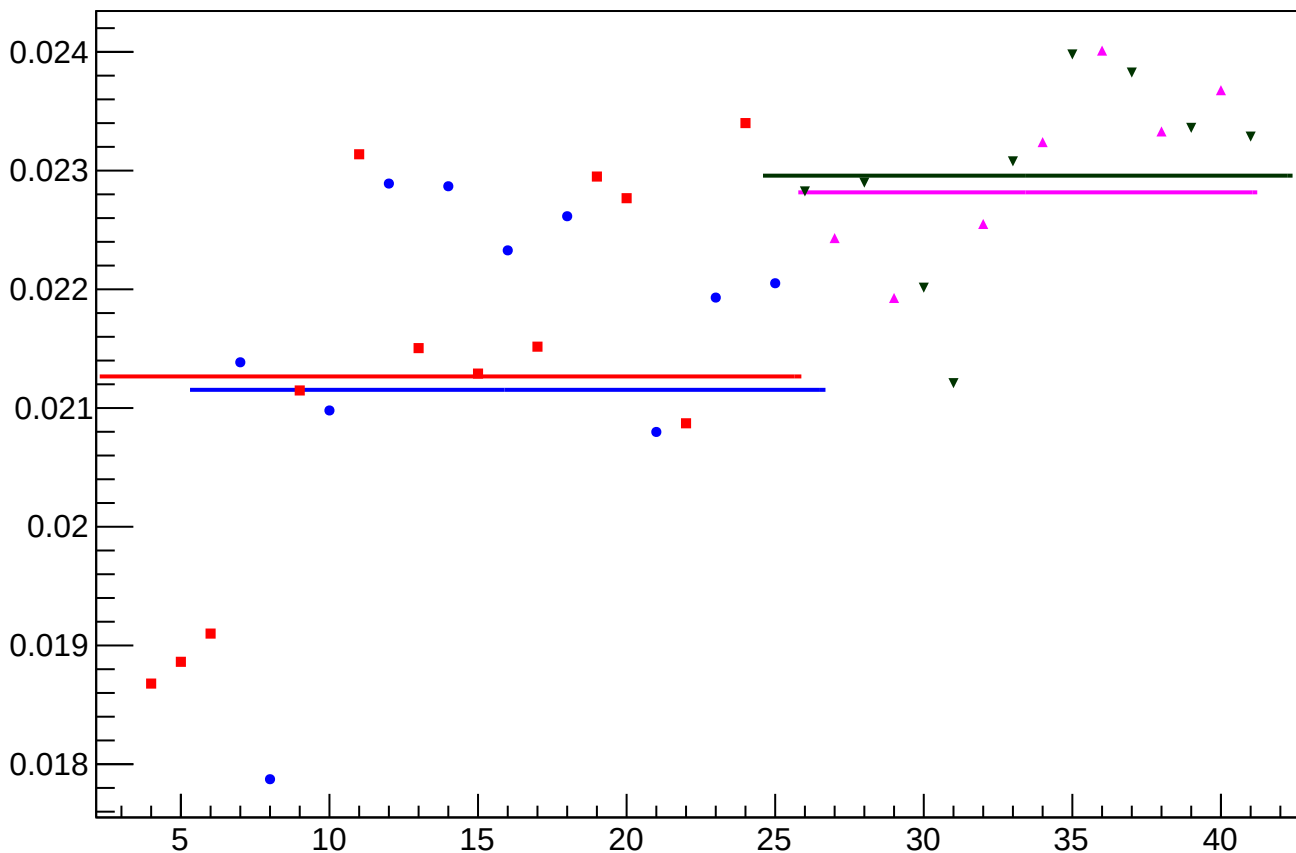
0.924+/-0.000 χ^2/NDF : 1921952806.0/18

Right Out: 0.798+/-0.000 χ^2/NDF : 394047843.5/11

0.943+/-0.000 χ^2/NDF : 1187461385.2/18

Left In: 1.176+/-0.000 χ^2/NDF : 42888295.9/6

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 89384.0/9

Left Out: 0.023+/-0.000 χ^2/NDF :10682.9/8

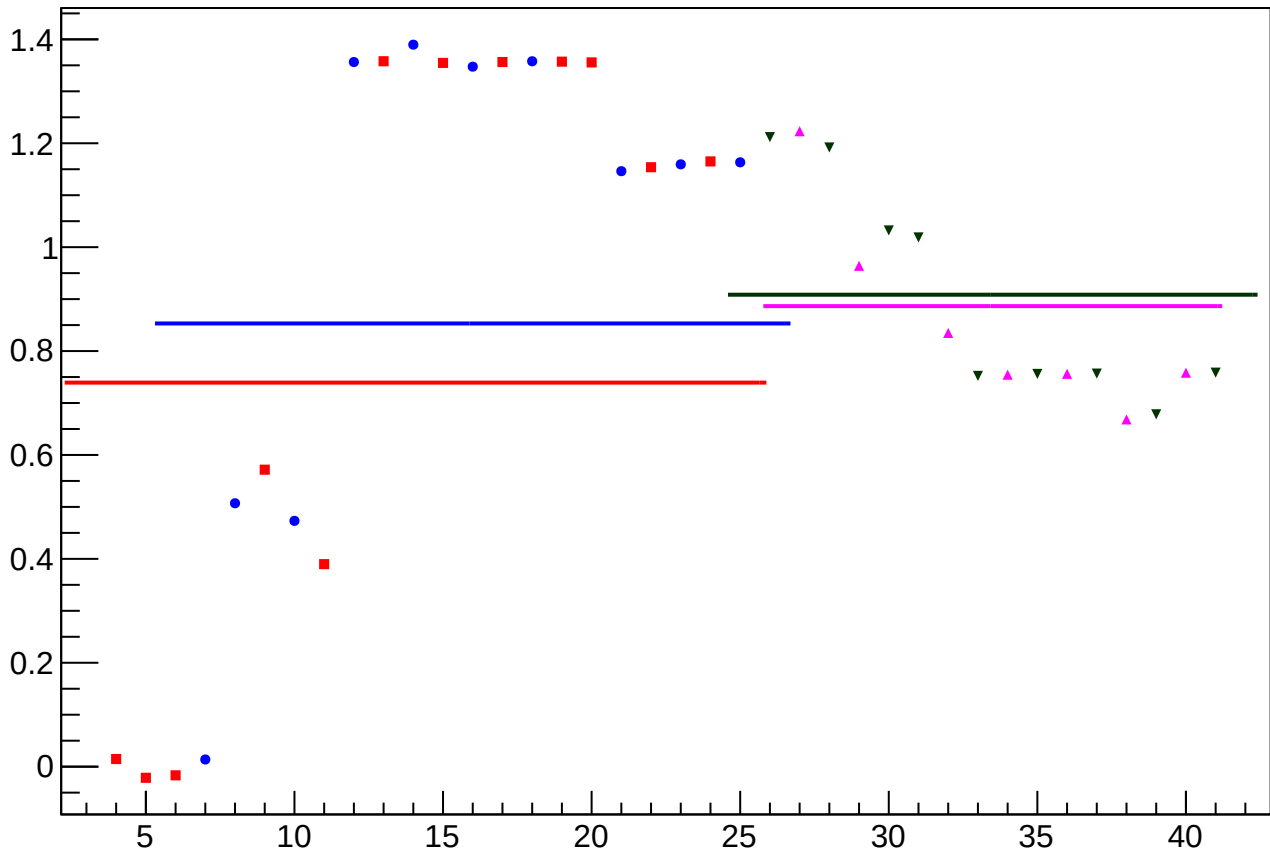
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.023+/-0.000 χ^2/NDF :7770.7/6

0.022+/-0.000 χ^2/NDF : 135396.2/18

0.022+/-0.000 χ^2/NDF : 91648.3/18

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 0.908+/-0.000 χ^2/NDF : 12785649260.1/8

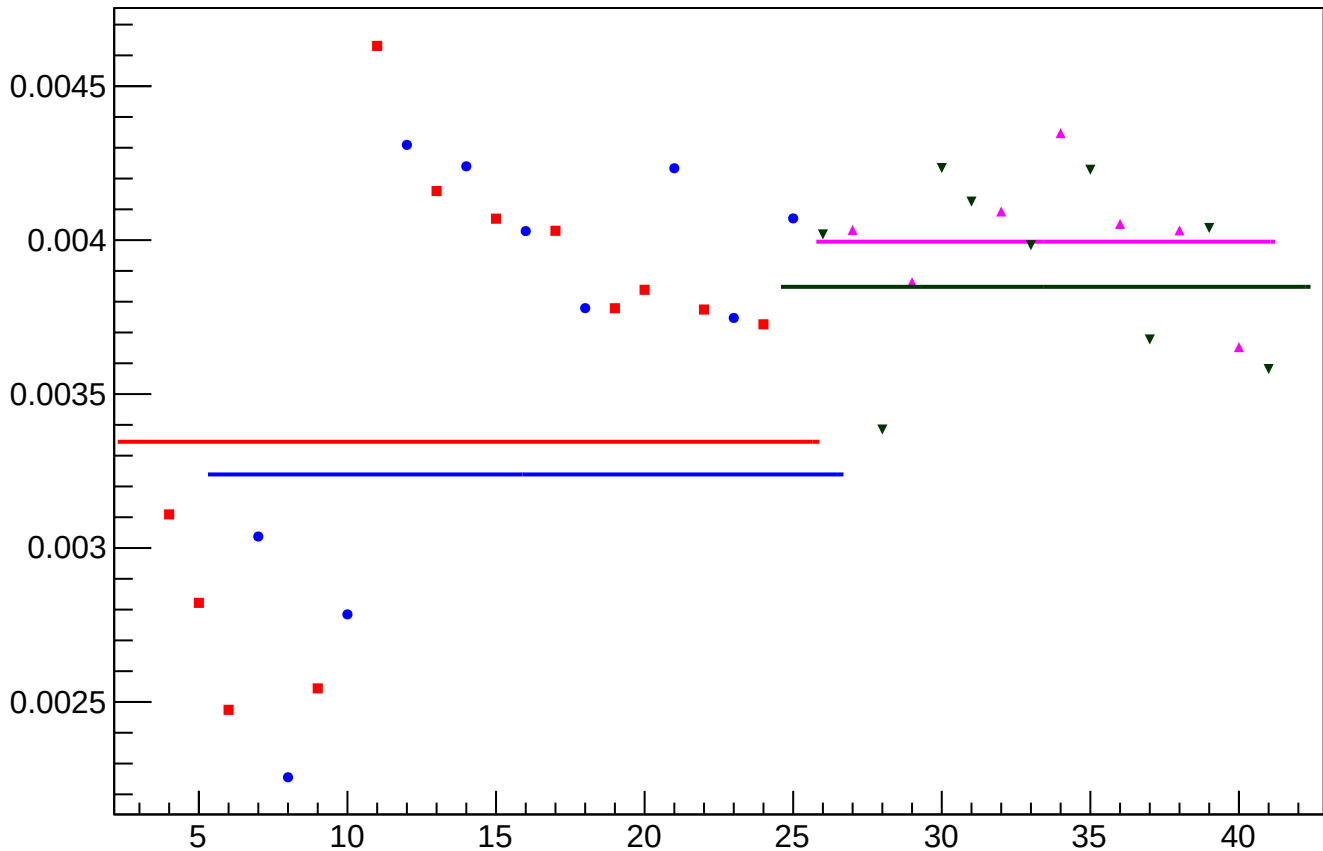
0.873+/-0.000 χ^2/NDF : 118156244766.7/18

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.790+/-0.000 χ^2/NDF : 176402241000.9/18

Left In: 0.886+/-0.000 χ^2/NDF : 9310387572.4/6

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 745700.6/9

Left Out: 0.004+/-0.000 χ^2/NDF :56554.6/8

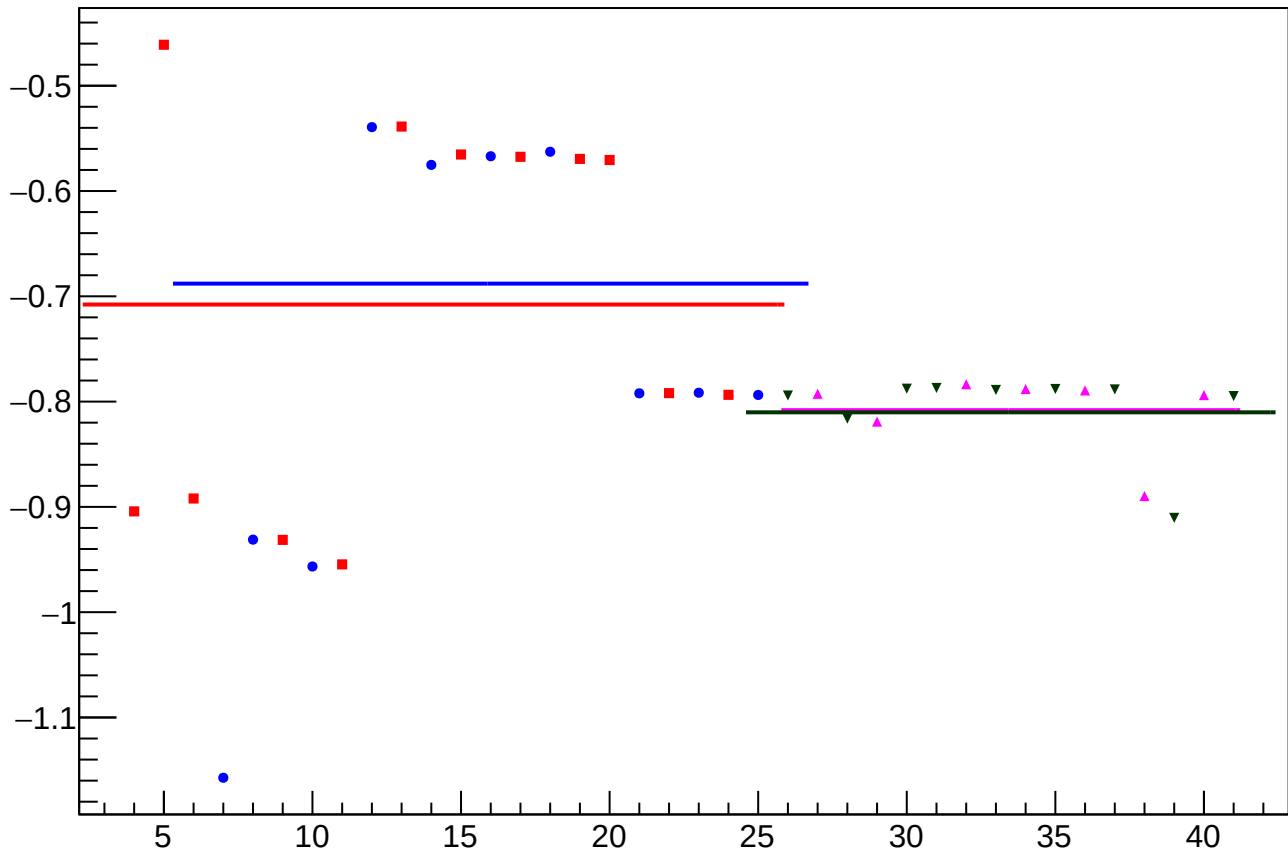
0.003+/-0.000 χ^2/NDF : 949138.2/18

Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

0.004+/-0.000 χ^2/NDF : 746543.9/18

Left In: 0.004+/-0.000 χ^2/NDF :18295.5/6

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.810+/-0.000 χ^2/NDF : 118106374.1/8

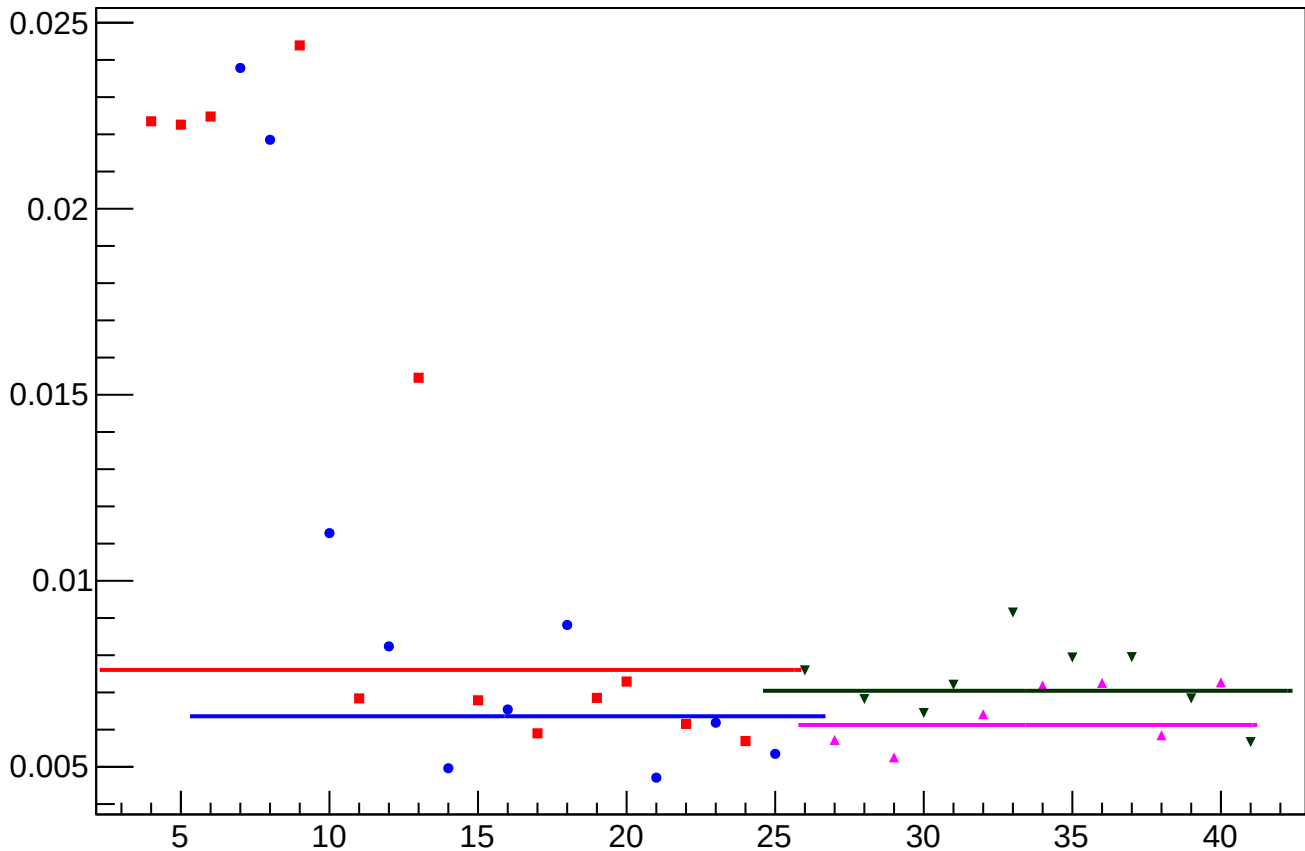
-0.738+/-0.000 χ^2/NDF : 2592989310.1/18

Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

-0.762+/-0.000 χ^2/NDF : 2213748642.3/18

Left In: -0.808+/-0.000 χ^2/NDF : 93000063.9/6

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1833155.9/9

Left Out: 0.007+/-0.000 χ^2/NDF :125249.4/8

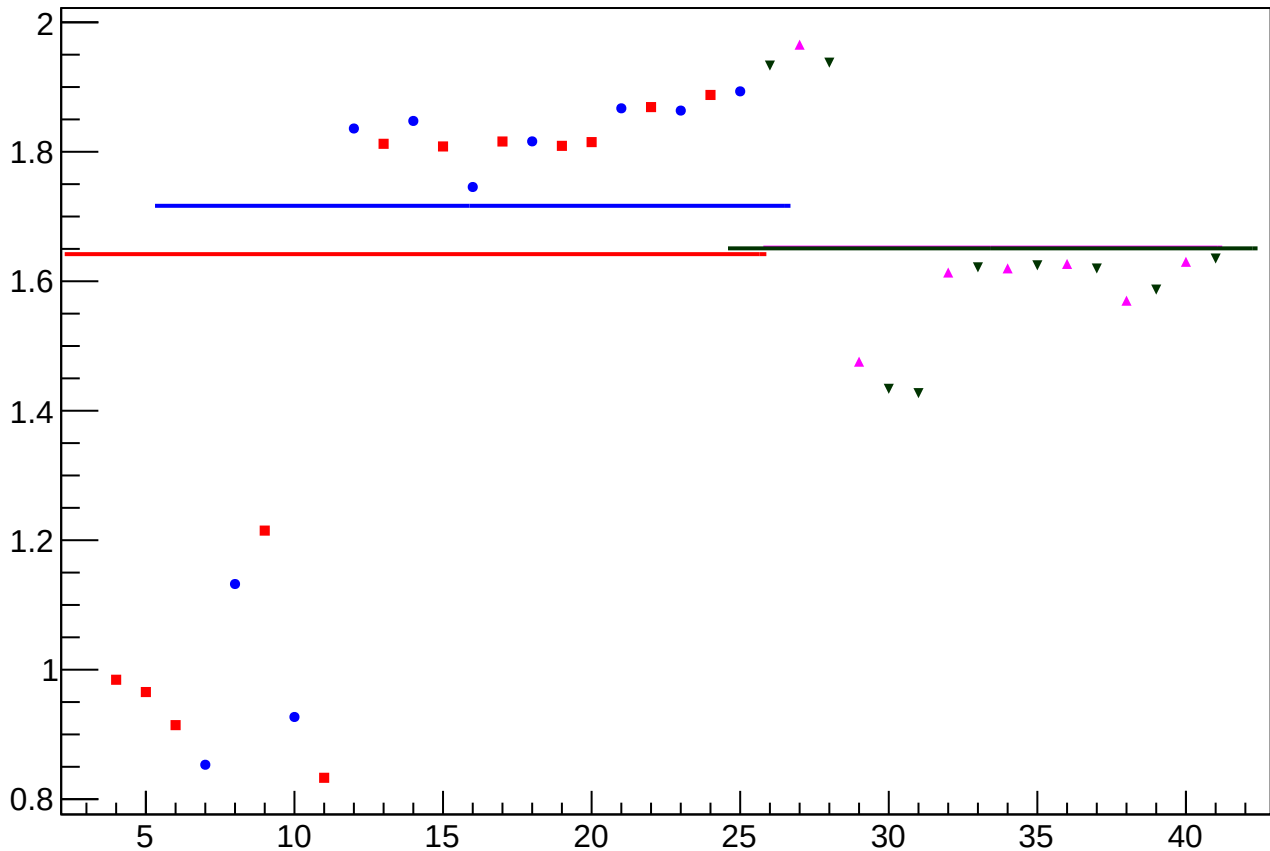
0.007+/-0.000 χ^2/NDF : 1998524.5/18

Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

0.007+/-0.000 χ^2/NDF : 2562454.7/18

Left In: 0.006+/-0.000 χ^2/NDF :93898.2/6

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2 /NDF: 10938016030.0/9

Left Out: 1.651 $\pm$ 0.000 χ^2 /NDF: 2909942036.1/8

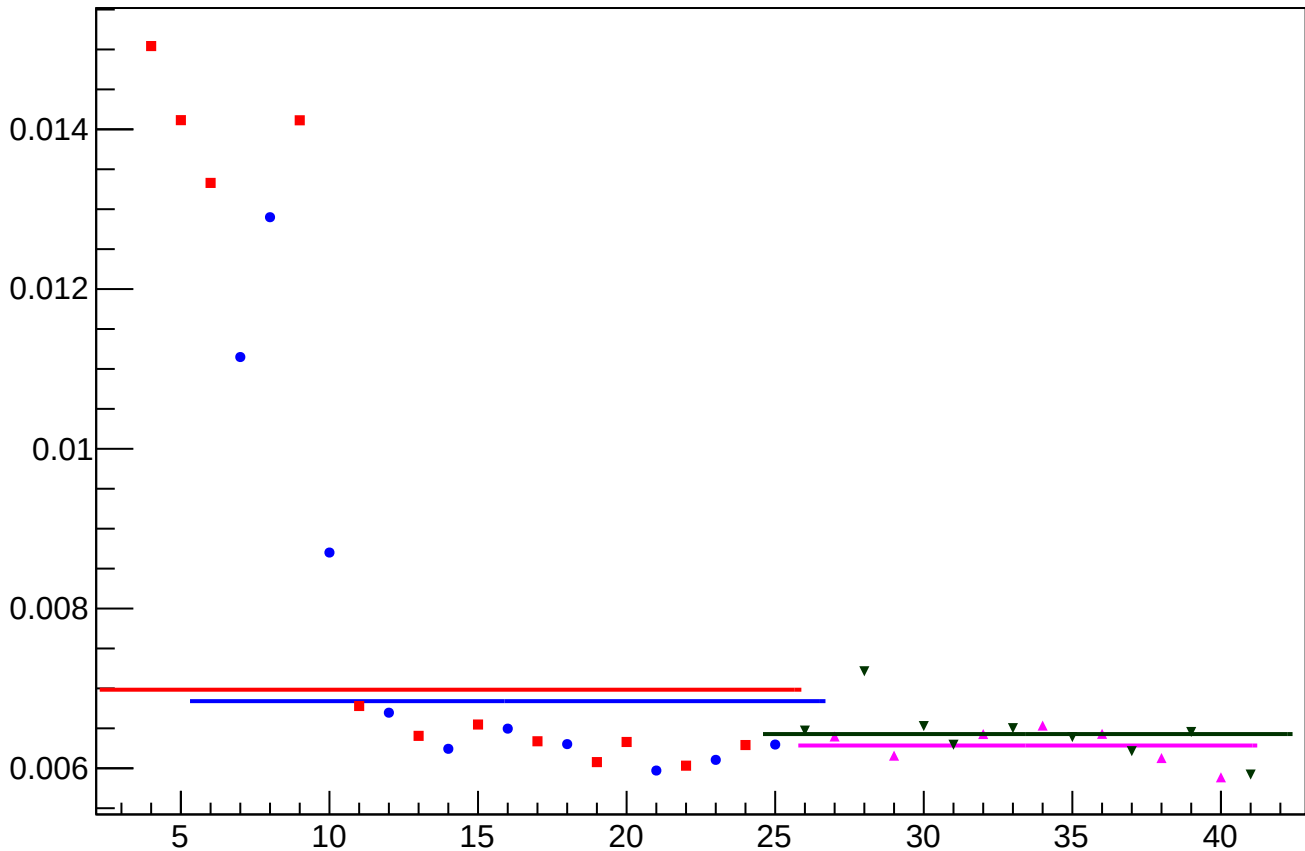
1.686 $\pm$ 0.000 χ^2 /NDF: 14093055439.6/18

Right Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 15751478429.4/11

1.647 $\pm$ 0.000 χ^2 /NDF: 18388514156.8/18

Left In: 1.652 $\pm$ 0.000 χ^2 /NDF: 2631499799.1/6

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 600956.3/9

Left Out: 0.006+/-0.000 χ^2/NDF :24319.3/8

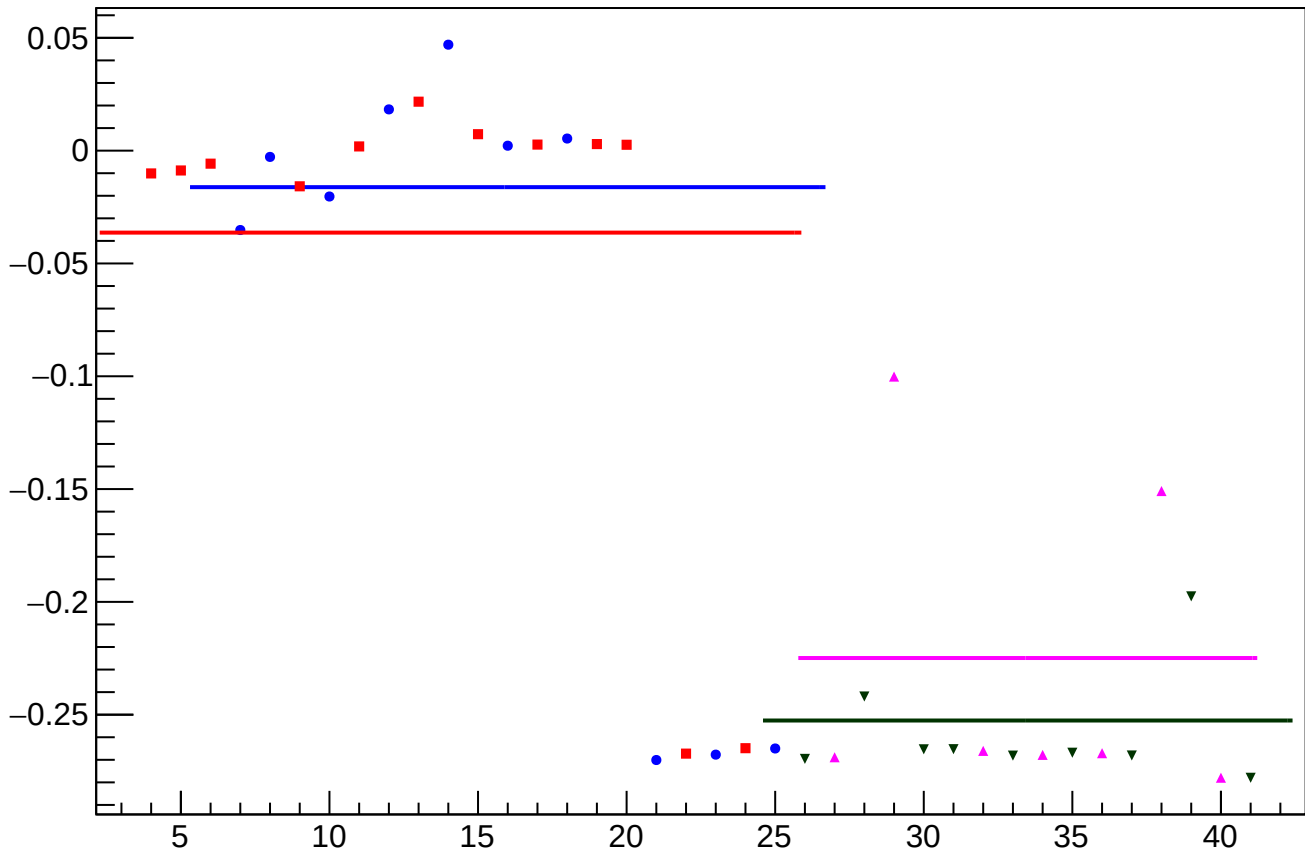
0.007+/-0.000 χ^2/NDF : 644539.8/18

Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

0.007+/-0.000 χ^2/NDF : 1035050.4/18

Left In: 0.006+/-0.000 χ^2/NDF :8522.4/6

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.253+/-0.000 χ^2/NDF : 113733319.6/8

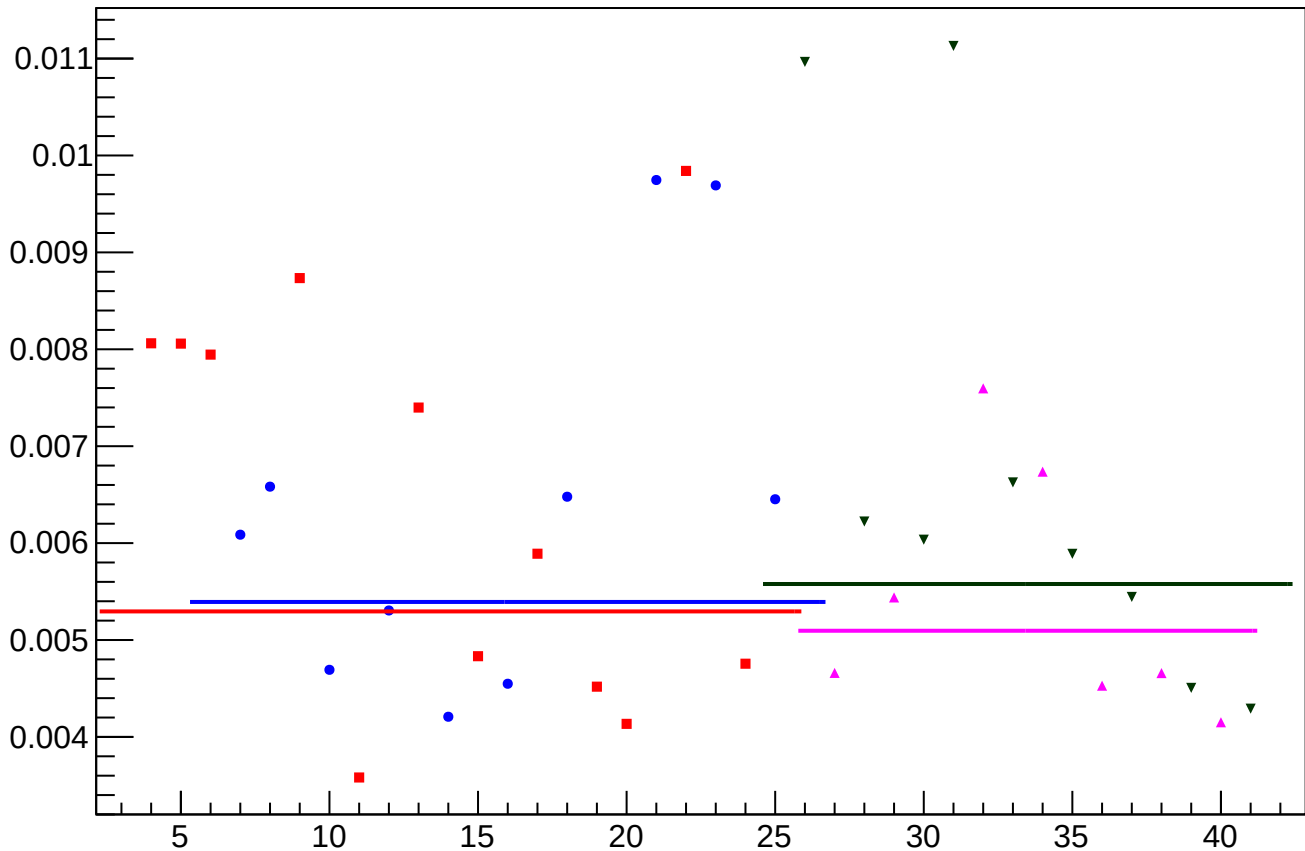
-0.112+/-0.000 χ^2/NDF : 5869931282.1/18

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.119+/-0.000 χ^2/NDF : 5462831929.2/18

Left In: -0.225+/-0.000 χ^2/NDF : 722731025.5/6

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 809148.4/9

Left Out: 0.006+/-0.000 χ^2/NDF :607542.0/8

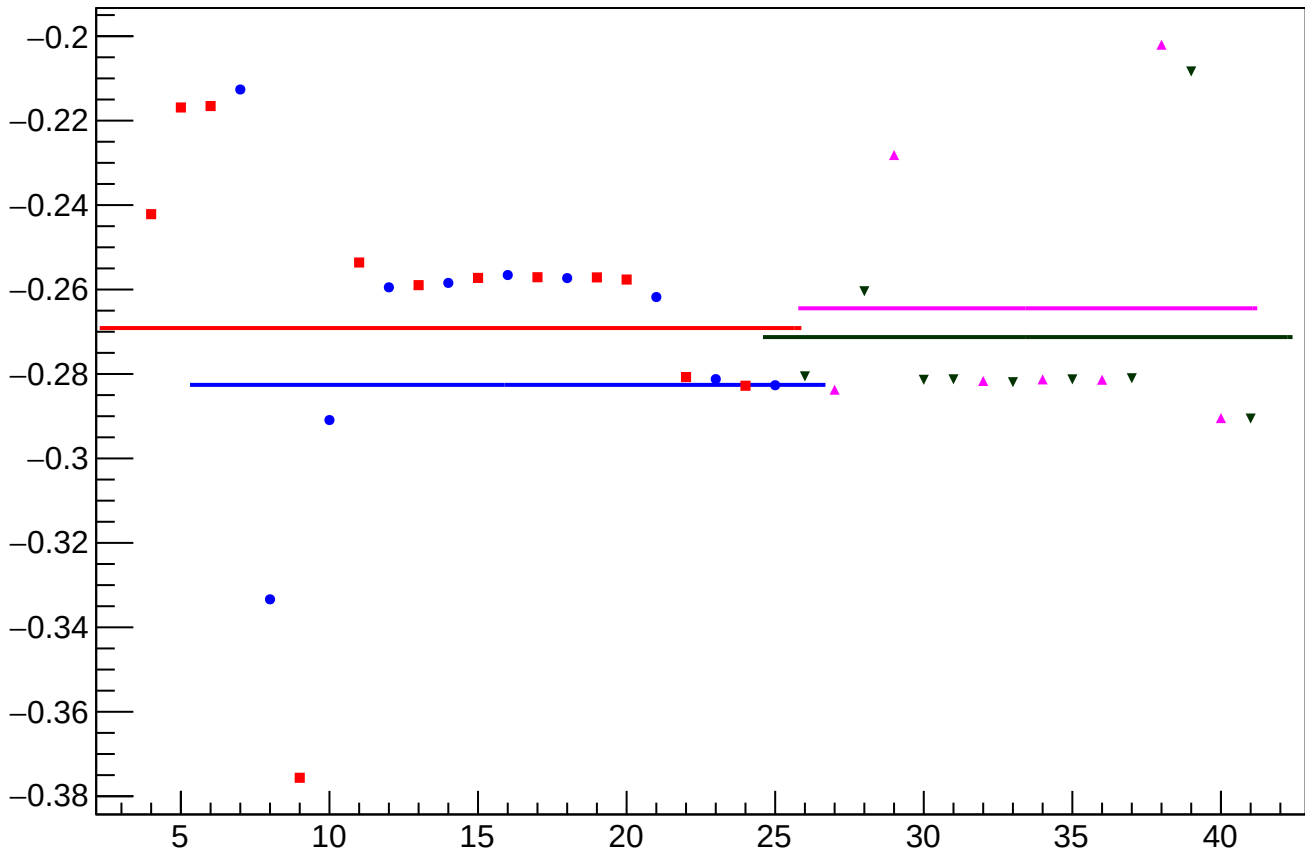
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :313036.1/6

0.005+/-0.000 χ^2/NDF : 1421971.5/18

0.005+/-0.000 χ^2/NDF : 1526535.9/18

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.271+/-0.000 χ^2/NDF : 349042192.5/8

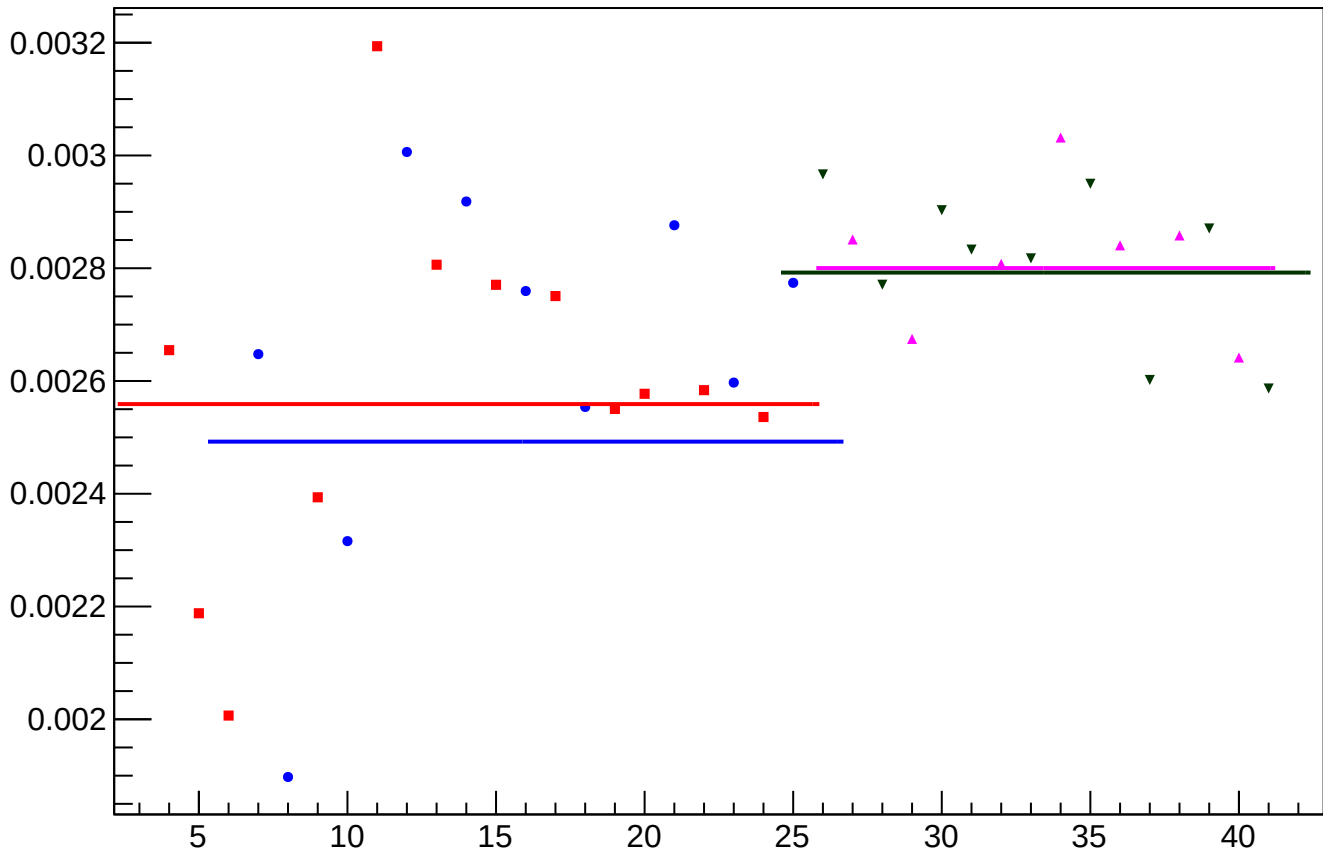
-0.278+/-0.000 χ^2/NDF : 1463582691.1/18

Right Out: -0.269+/-0.000 χ^2/NDF : 1935701786.6/11

-0.267+/-0.000 χ^2/NDF : 2468495210.8/18

Left In: -0.264+/-0.000 χ^2/NDF : 525115092.1/6

yield_bpm16Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 304066.1/9

Left Out: 0.003+/-0.000 χ^2/NDF :21775.6/8

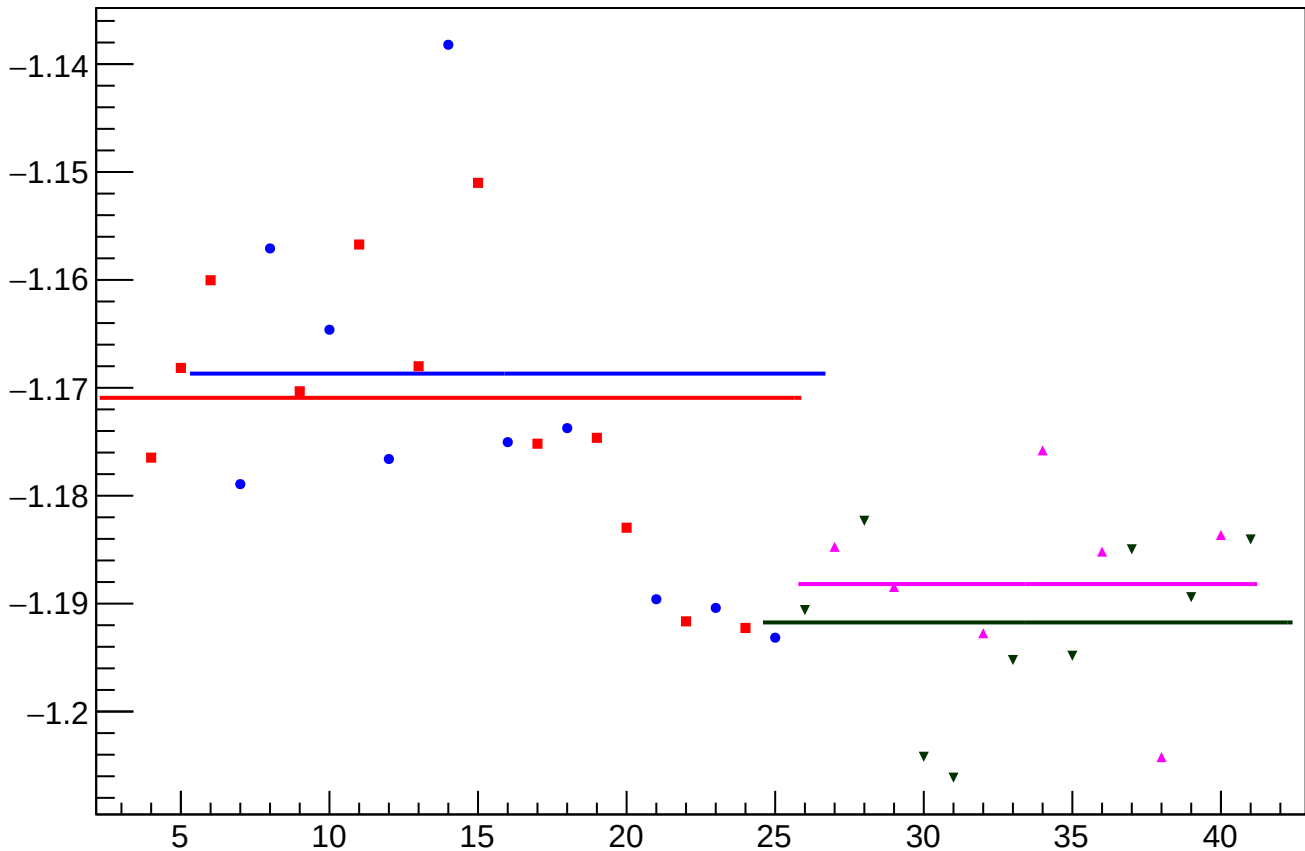
0.003+/-0.000 χ^2/NDF : 392529.0/18

Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

0.003+/-0.000 χ^2/NDF : 231134.0/18

Left In: 0.003+/-0.000 χ^2/NDF :13814.4/6

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.192+/-0.000 χ^2/NDF : 4647112.7/8

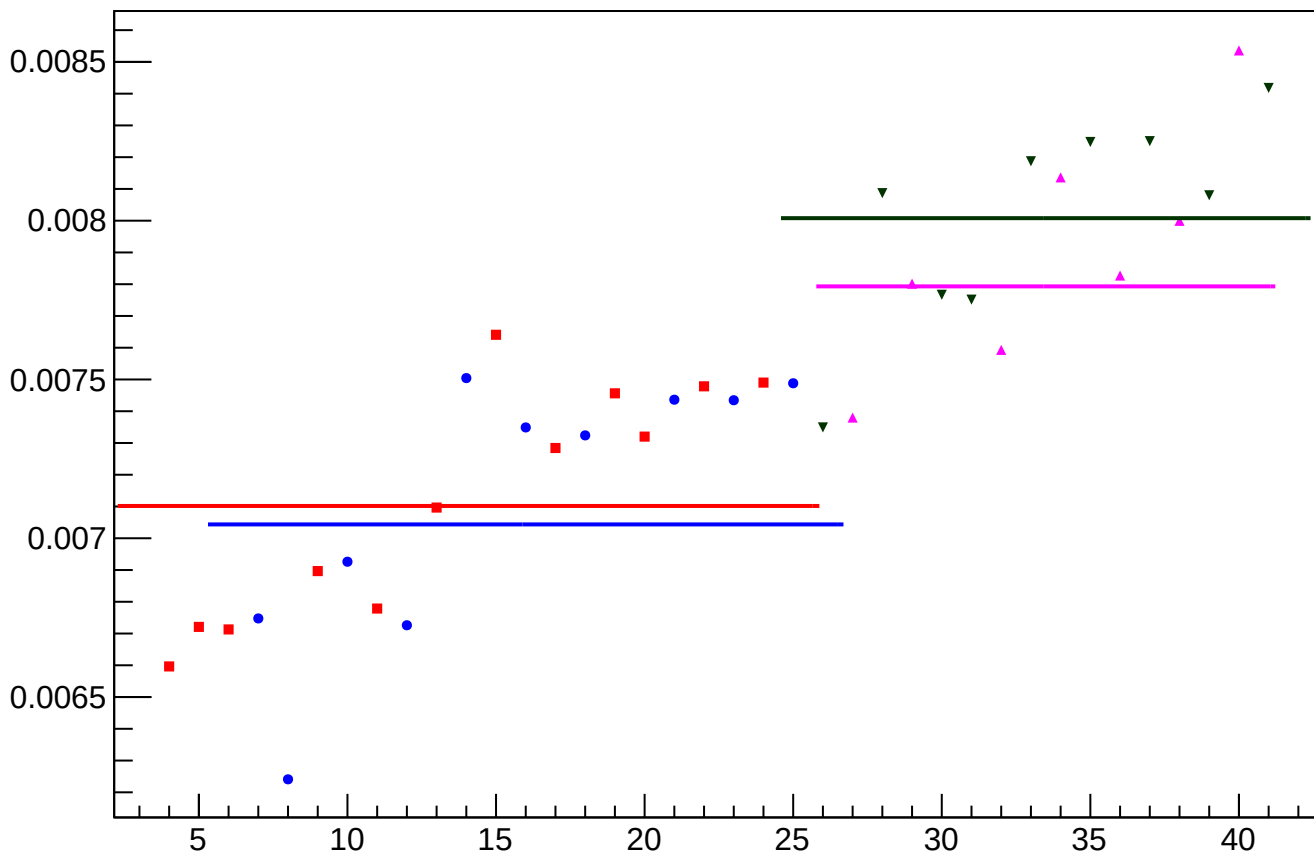
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.188+/-0.000 χ^2/NDF : 3869883.5/6

-1.177+/-0.000 χ^2/NDF : 65341314.5/18

-1.177+/-0.000 χ^2/NDF : 36606477.1/18

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54602.2/9

Left Out: 0.008+/-0.000 χ^2/NDF :14882.0/8

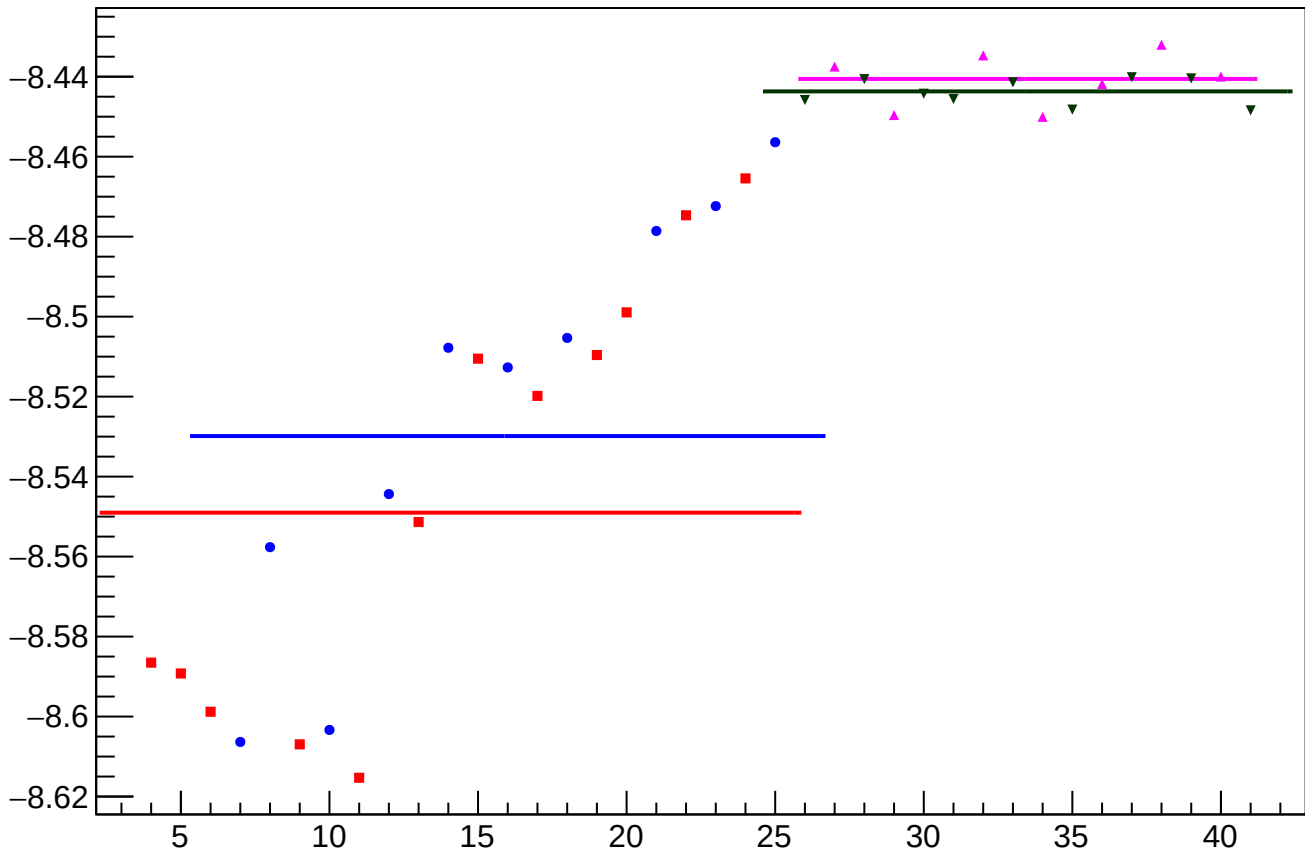
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.008+/-0.000 χ^2/NDF :16211.5/6

0.007+/-0.000 χ^2/NDF : 157486.0/18

0.007+/-0.000 χ^2/NDF : 88769.8/18

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.444+/-0.000 χ^2/NDF : 964333.0/8

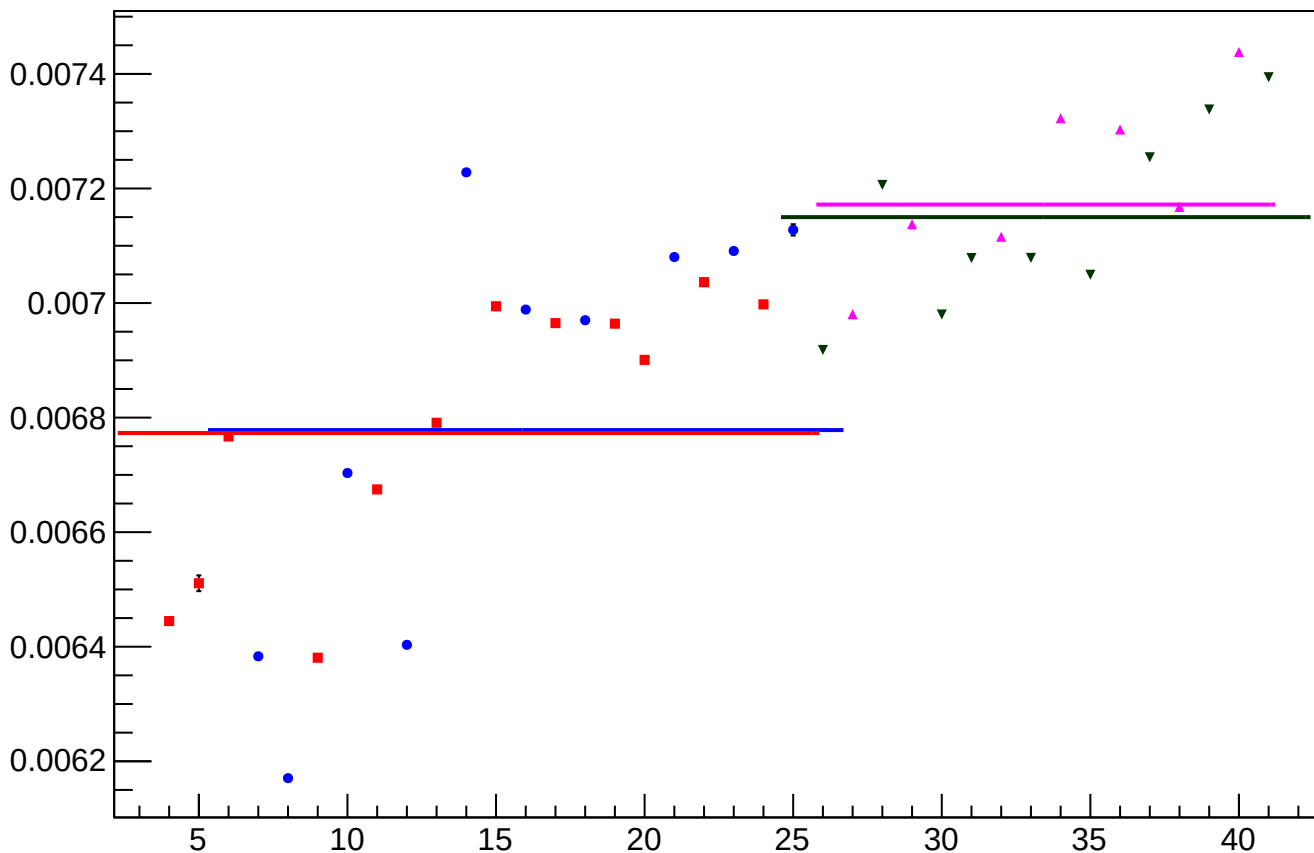
-8.495+/-0.000 χ^2/NDF : 703439501.5/18

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.507+/-0.000 χ^2/NDF : 1022664284.3/18

Left In: -8.441+/-0.000 χ^2/NDF : 3733359.4/6

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 39850.7/9

Left Out: 0.007+/-0.000 χ^2/NDF :4526.0/8

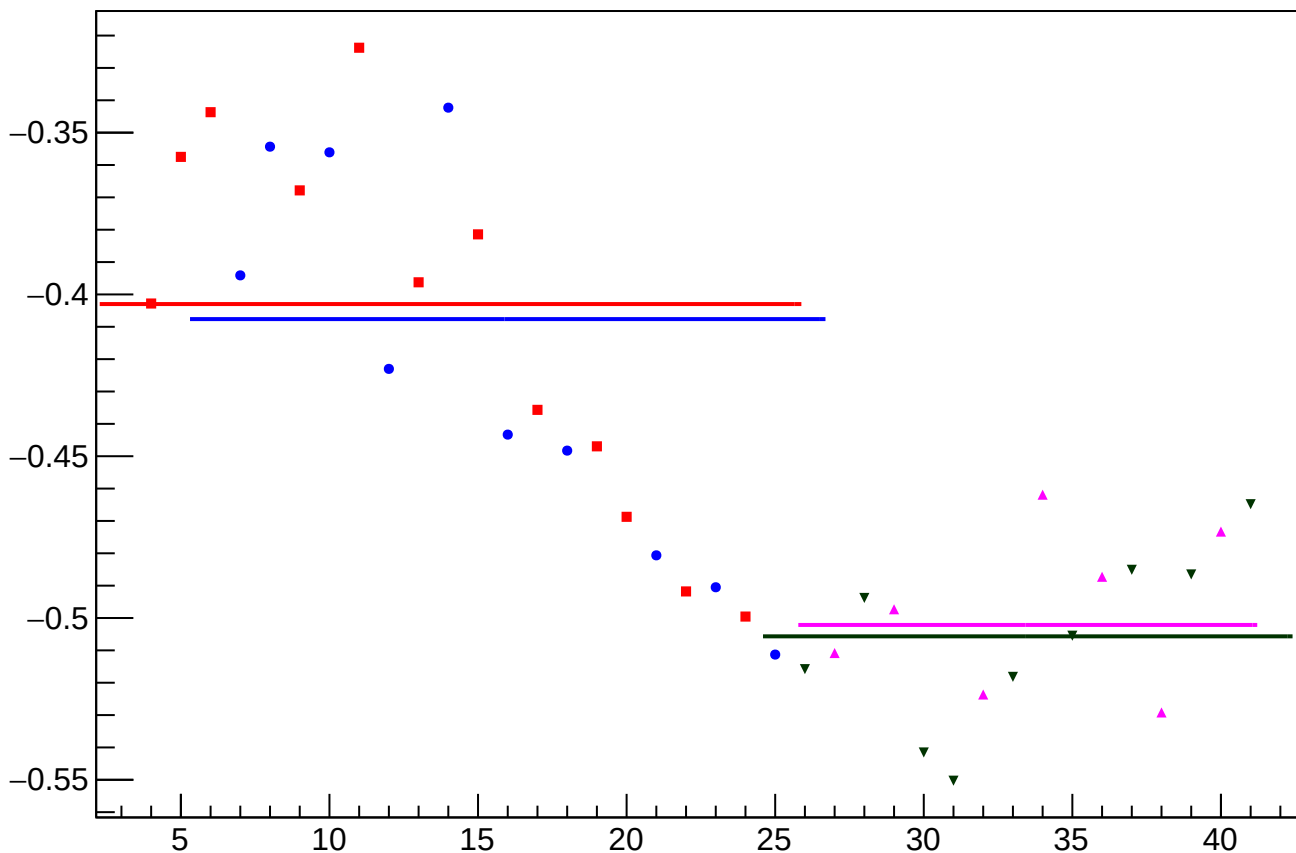
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

Left In: 0.007+/-0.000 χ^2/NDF :3429.8/6

0.007+/-0.000 χ^2/NDF : 60081.9/18

0.007+/-0.000 χ^2/NDF : 34688.9/18

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.506+/-0.000 χ^2/NDF : 7401125.2/8

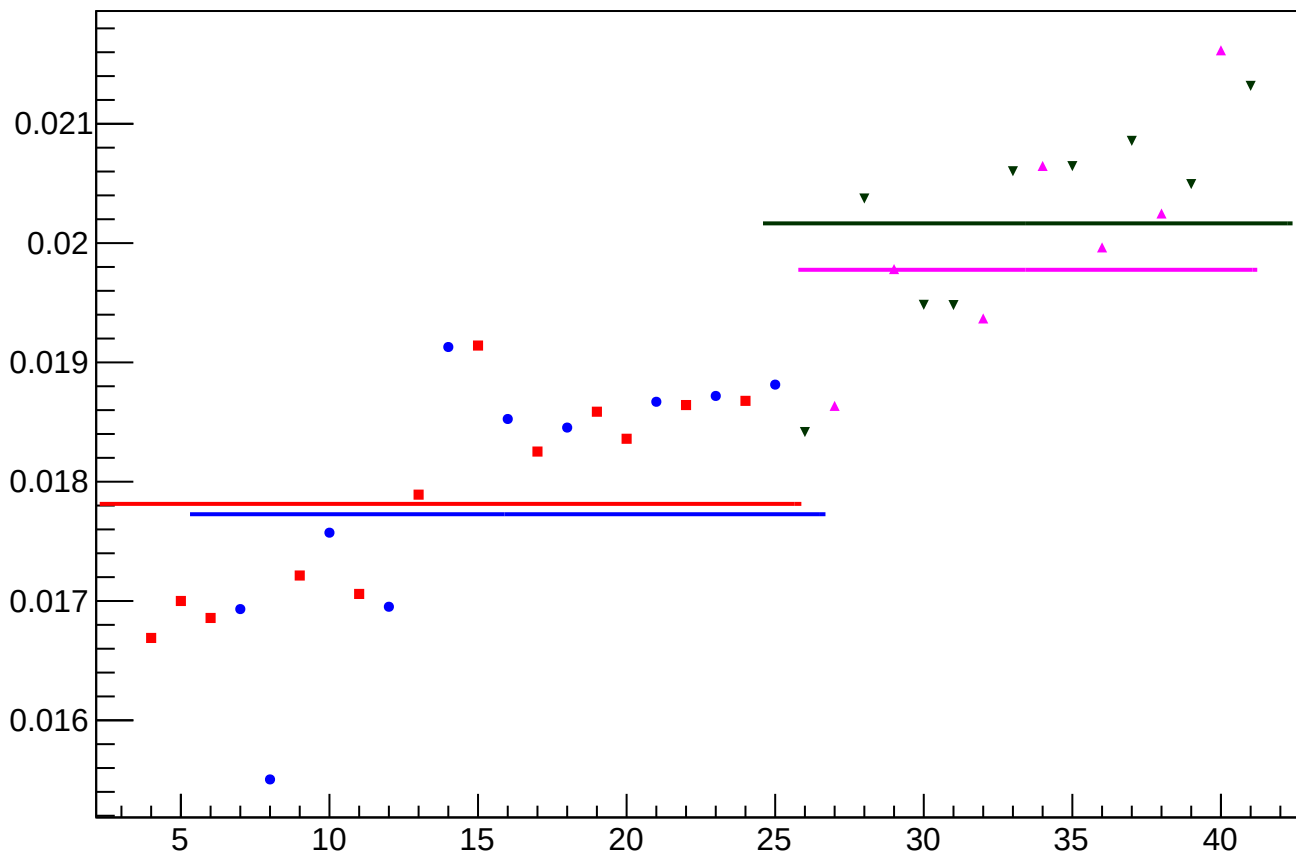
Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.502+/-0.000 χ^2/NDF : 5227546.5/6

-0.444+/-0.000 χ^2/NDF : 144228509.0/18

-0.439+/-0.000 χ^2/NDF : 139735241.1/18

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 64790.3/9

Left Out: 0.020+/-0.000 χ^2/NDF :17005.3/8

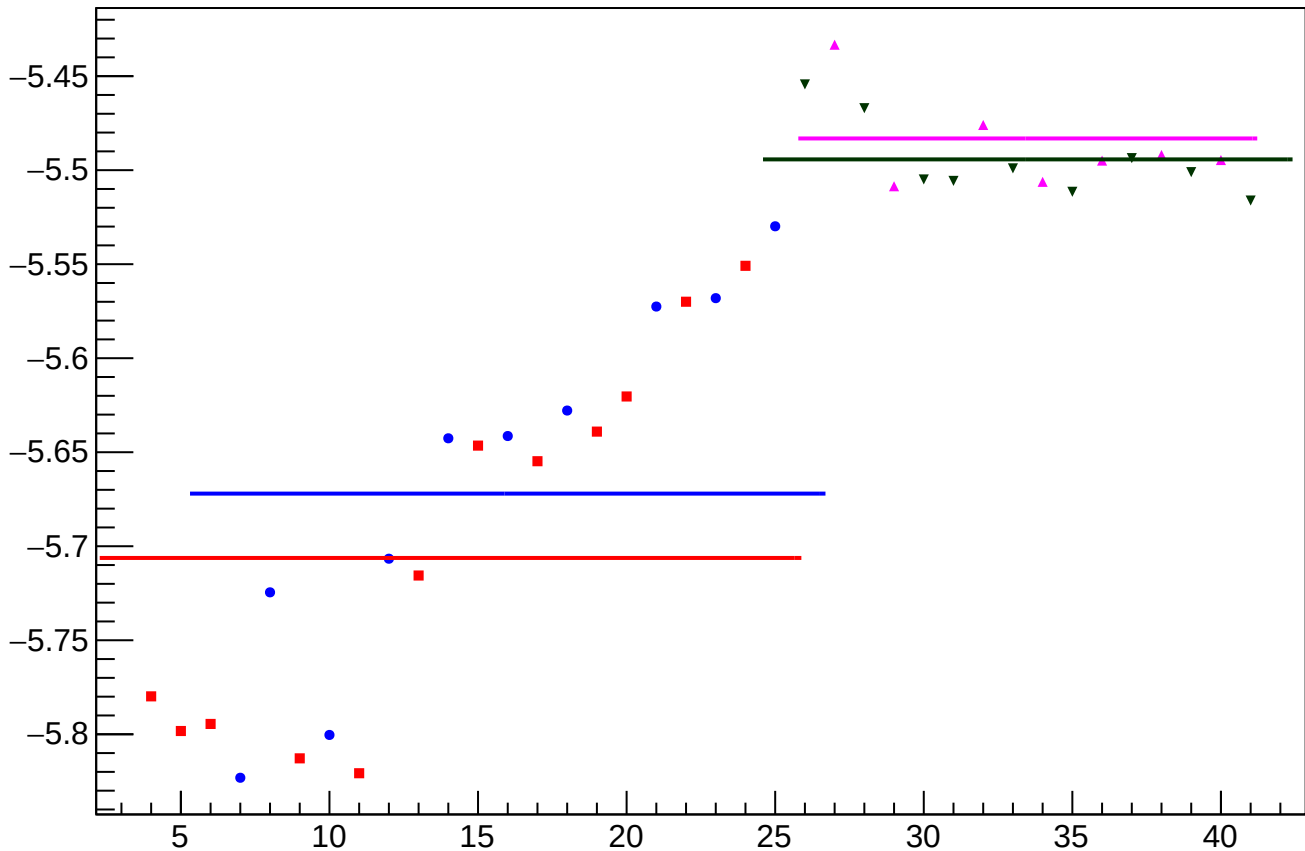
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.020+/-0.000 χ^2/NDF :16447.9/6

0.019+/-0.000 χ^2/NDF : 170655.2/18

0.019+/-0.000 χ^2/NDF : 97629.3/18

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.494+/-0.000 χ^2/NDF :12961890.6/8

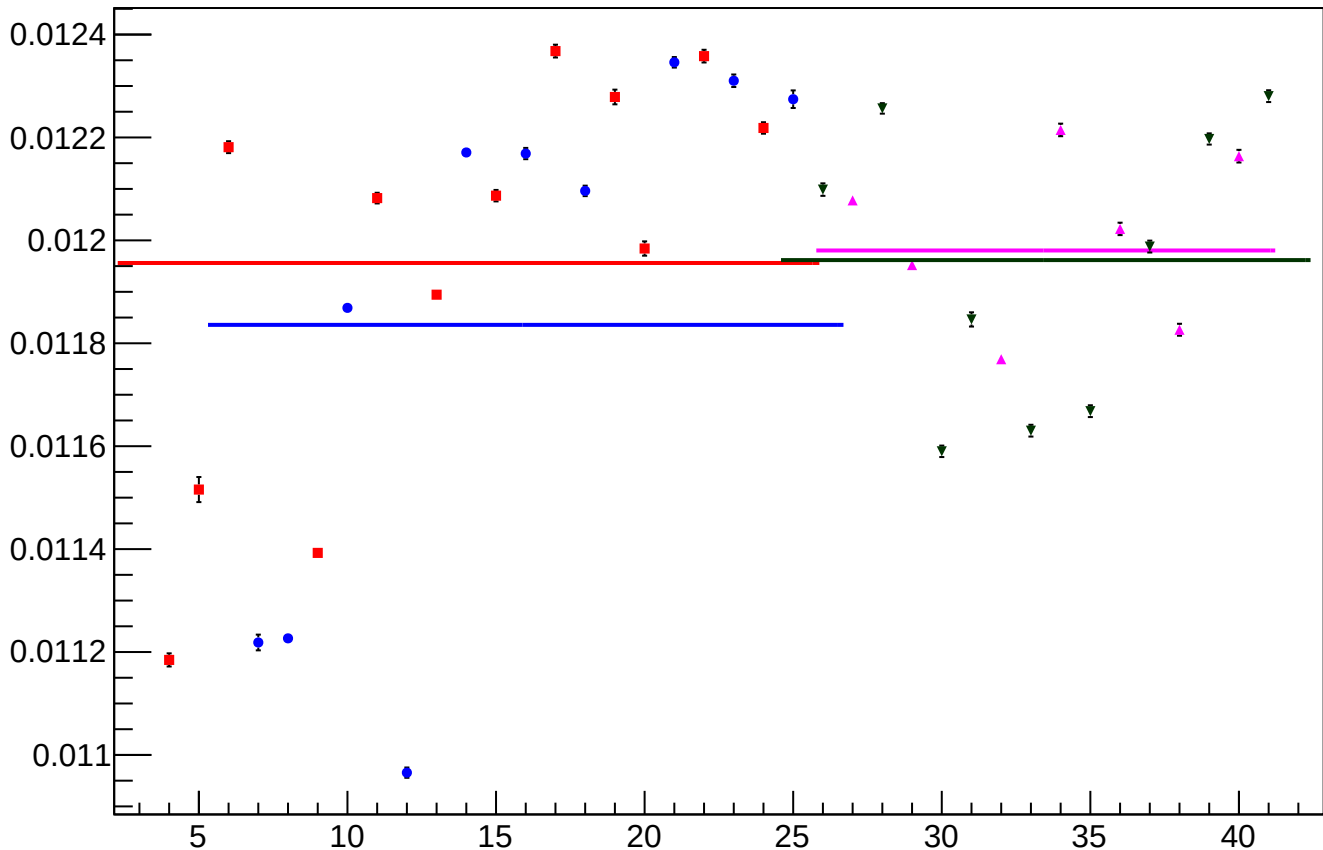
-5.596+/-0.000 χ^2/NDF : 939495911.3/18

Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

-5.613+/-0.000 χ^2/NDF : 1341304978.9/18

Left In: -5.483+/-0.000 χ^2/NDF :21721873.2/6

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 22267.5/9

Left Out: 0.012+/-0.000 χ^2/NDF : 4875.2/8

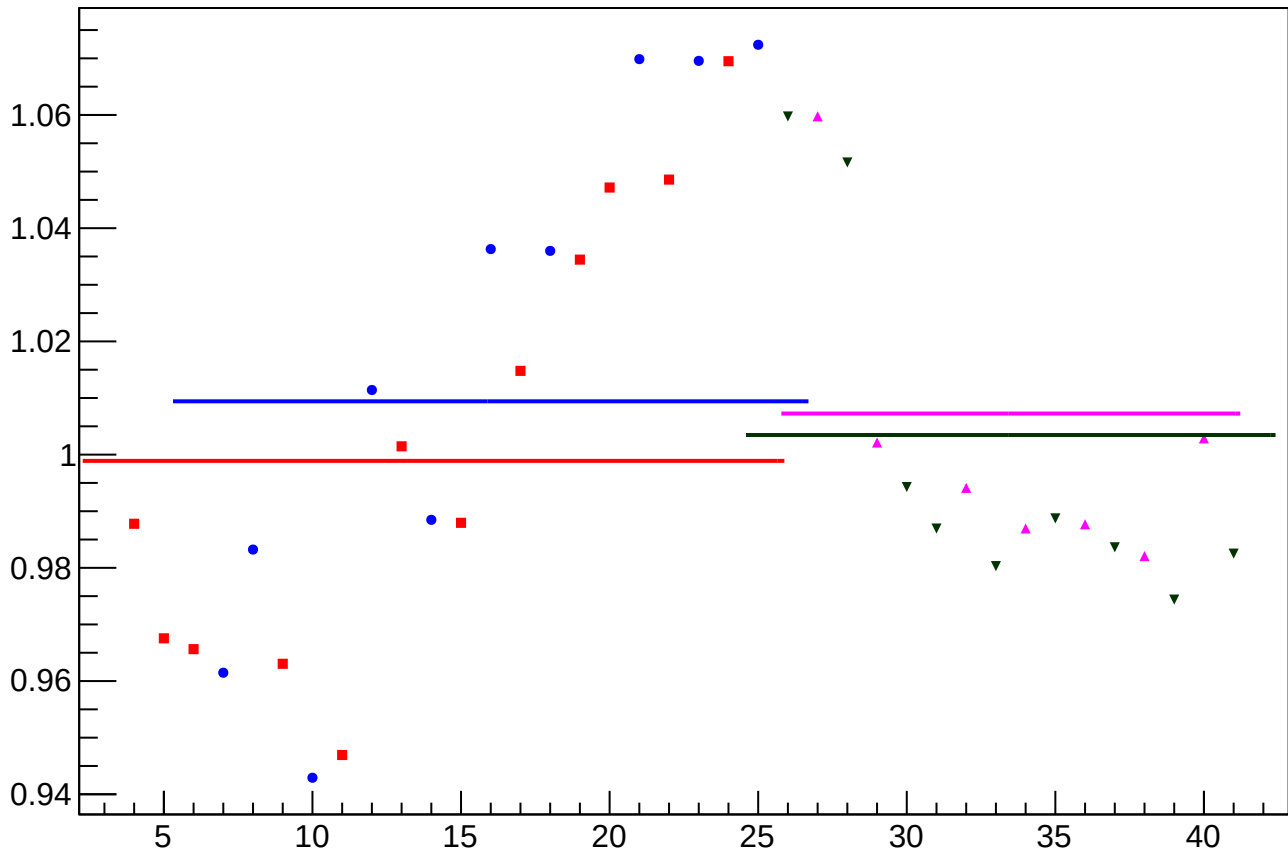
0.012+/-0.000 χ^2/NDF : 27763.2/18

Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

0.012+/-0.000 χ^2/NDF : 13204.8/18

Left In: 0.012+/-0.000 χ^2/NDF : 1473.2/6

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.003+/-0.000 χ^2/NDF : 90193346.9/8

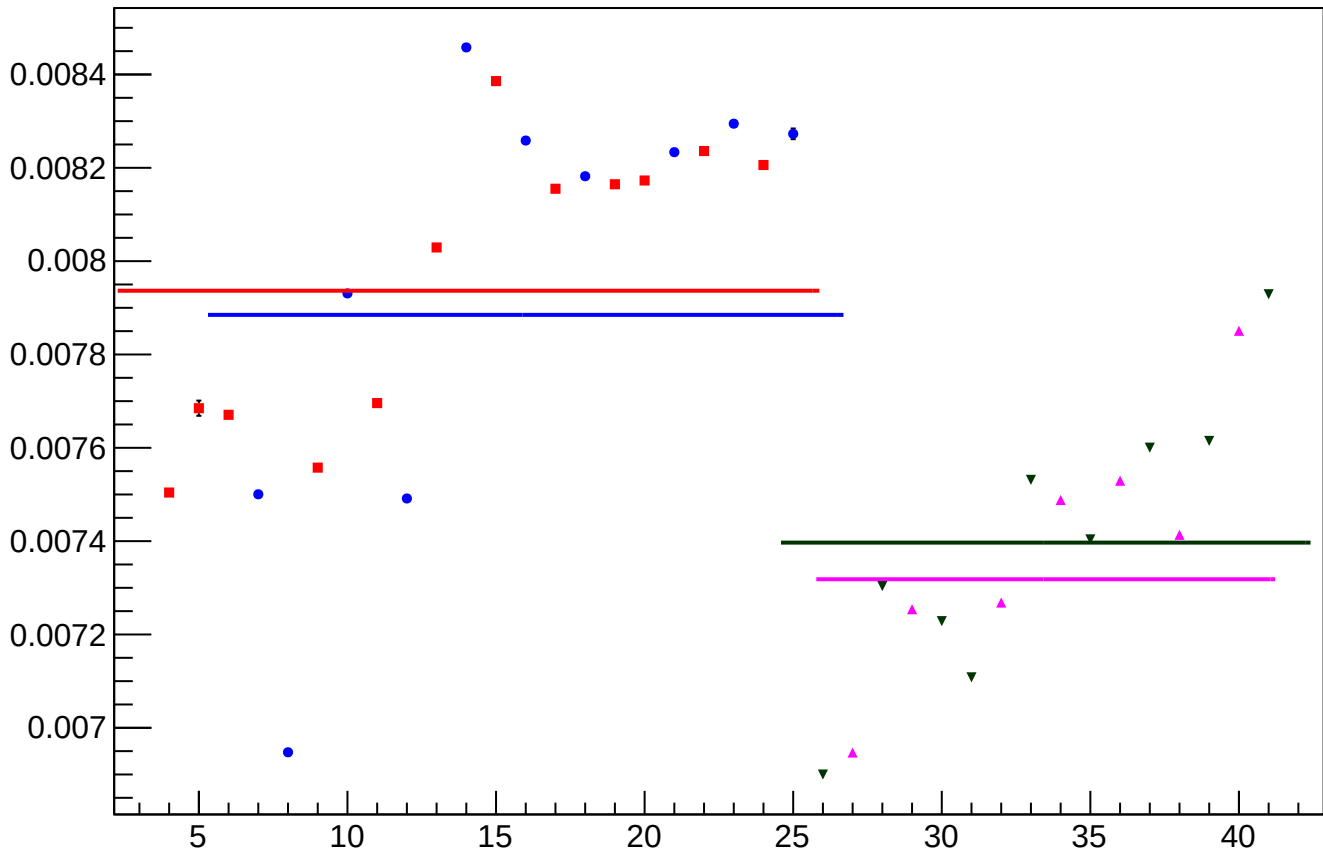
1.007+/-0.000 χ^2/NDF : 274088219.5/18

Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

1.003+/-0.000 χ^2/NDF : 214973242.9/18

Left In: 1.007+/-0.000 χ^2/NDF : 64171830.1/6

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 57917.9/9

Left Out: 0.007+/-0.000 χ^2/NDF :14273.3/8

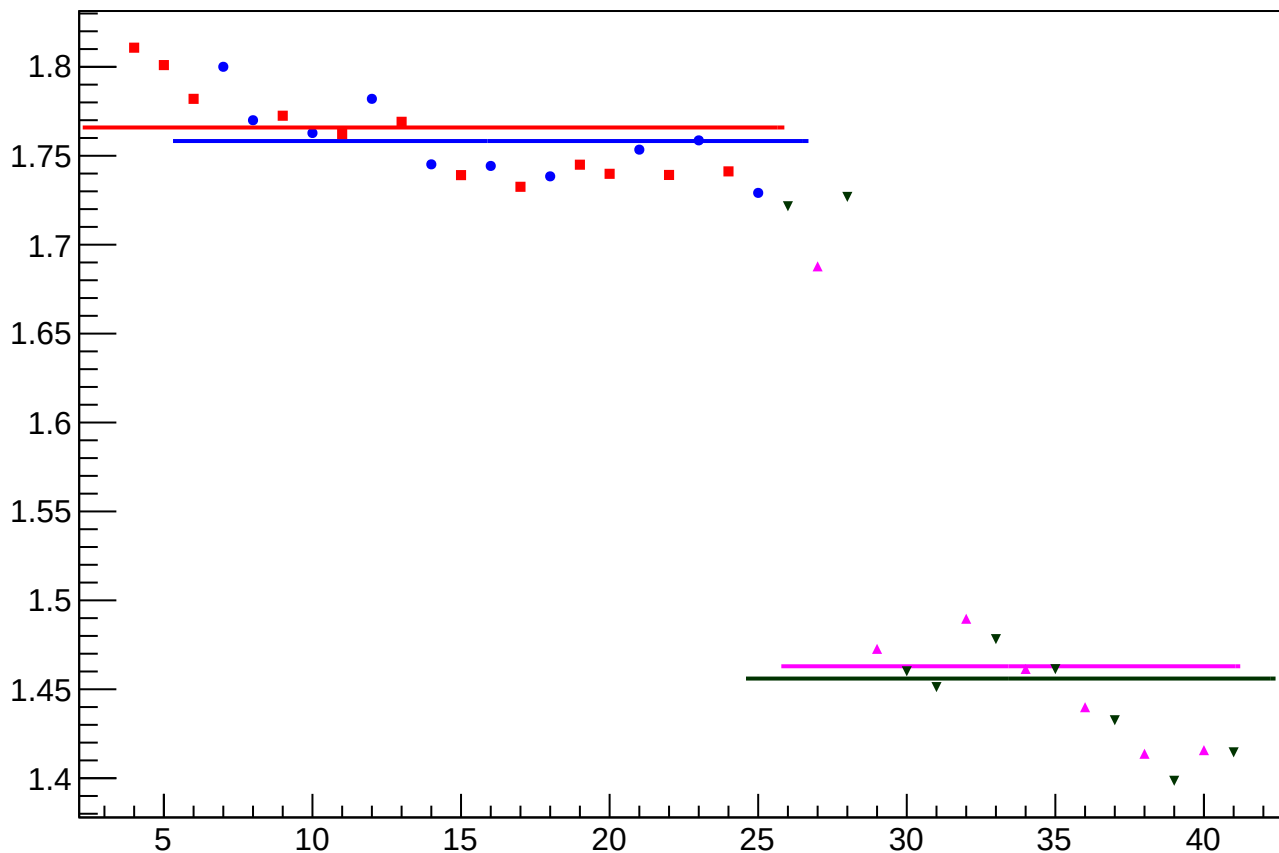
0.008+/-0.000 χ^2/NDF : 94826.5/18

Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

0.008+/-0.000 χ^2/NDF : 63458.3/18

Left In: 0.007+/-0.000 χ^2/NDF :10872.4/6

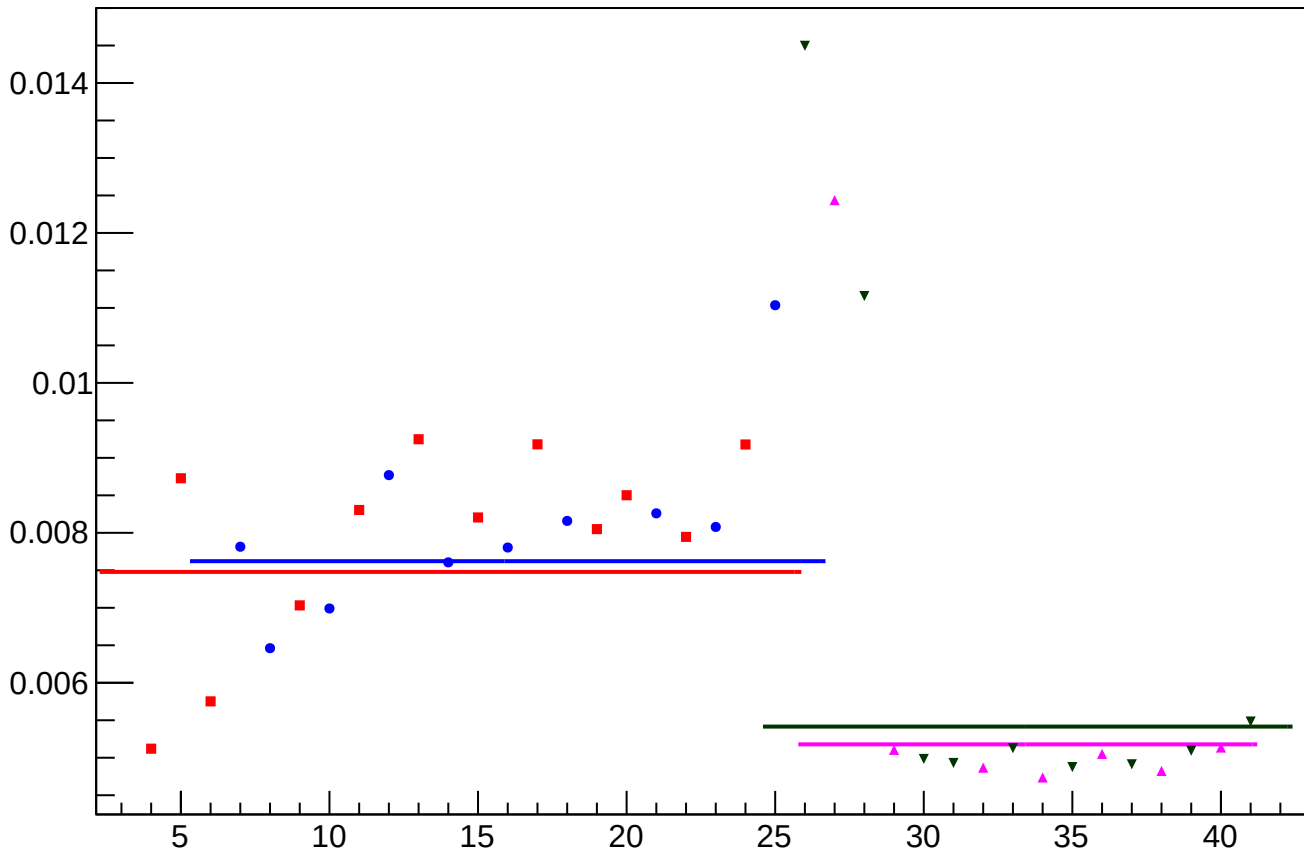
yield_bpm1i04Y_mean vs slug



Right In: 1.758+/-0.000 χ^2/NDF : 25411176.0/9
 Left Out: 1.456+/-0.000 χ^2/NDF : 658383739.0/8
 Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11
 Left In: 1.463+/-0.000 χ^2/NDF : 364438035.3/6

1.583+/-0.000 χ^2/NDF : 6184705636.3/18
 1.587+/-0.000 χ^2/NDF : 6094350520.9/18

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.005+/-0.000 χ^2/NDF : 752957.8/8

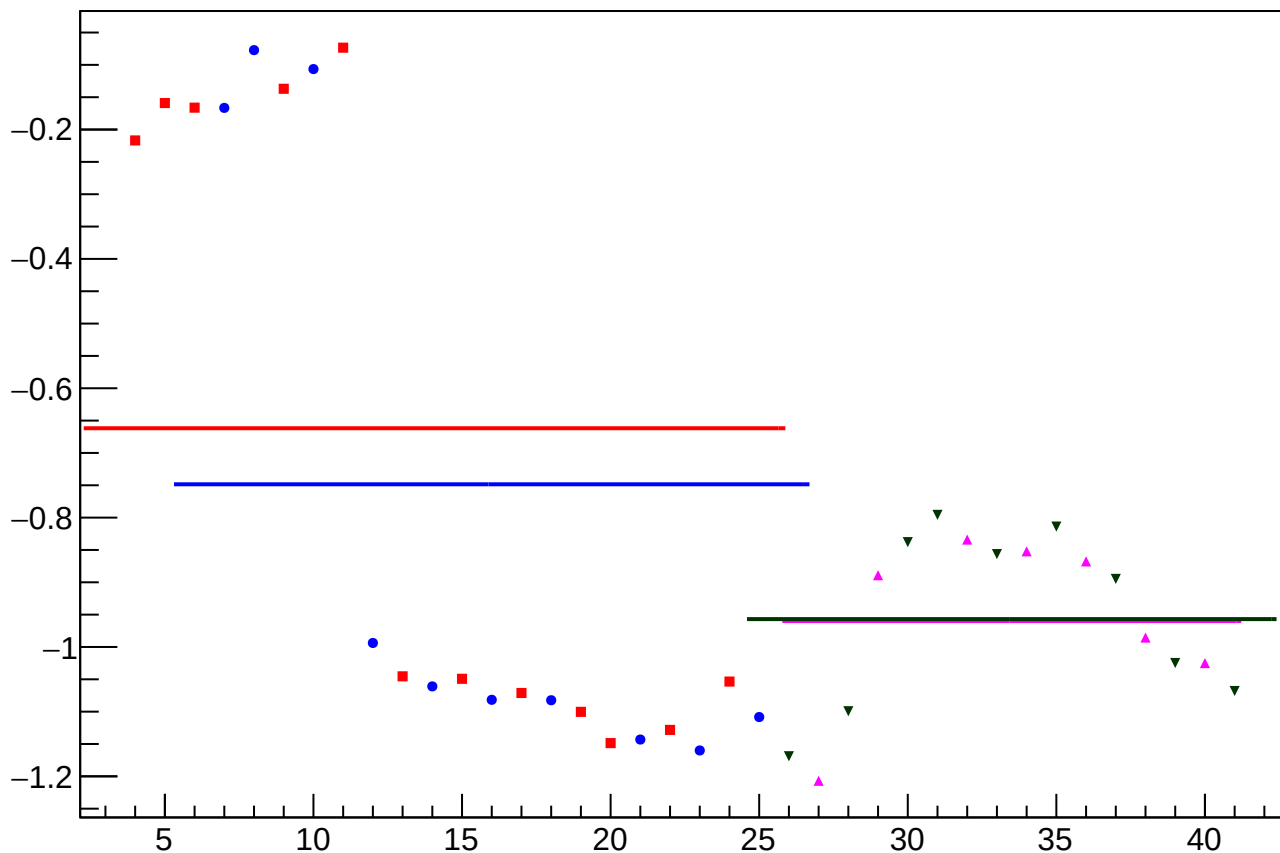
0.006+/-0.000 χ^2/NDF : 1491490.4/18

Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

0.006+/-0.000 χ^2/NDF : 1603024.3/18

Left In: 0.005+/-0.000 χ^2/NDF : 512584.6/6

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -0.957+/-0.000 χ^2/NDF : 1026152730.1/8

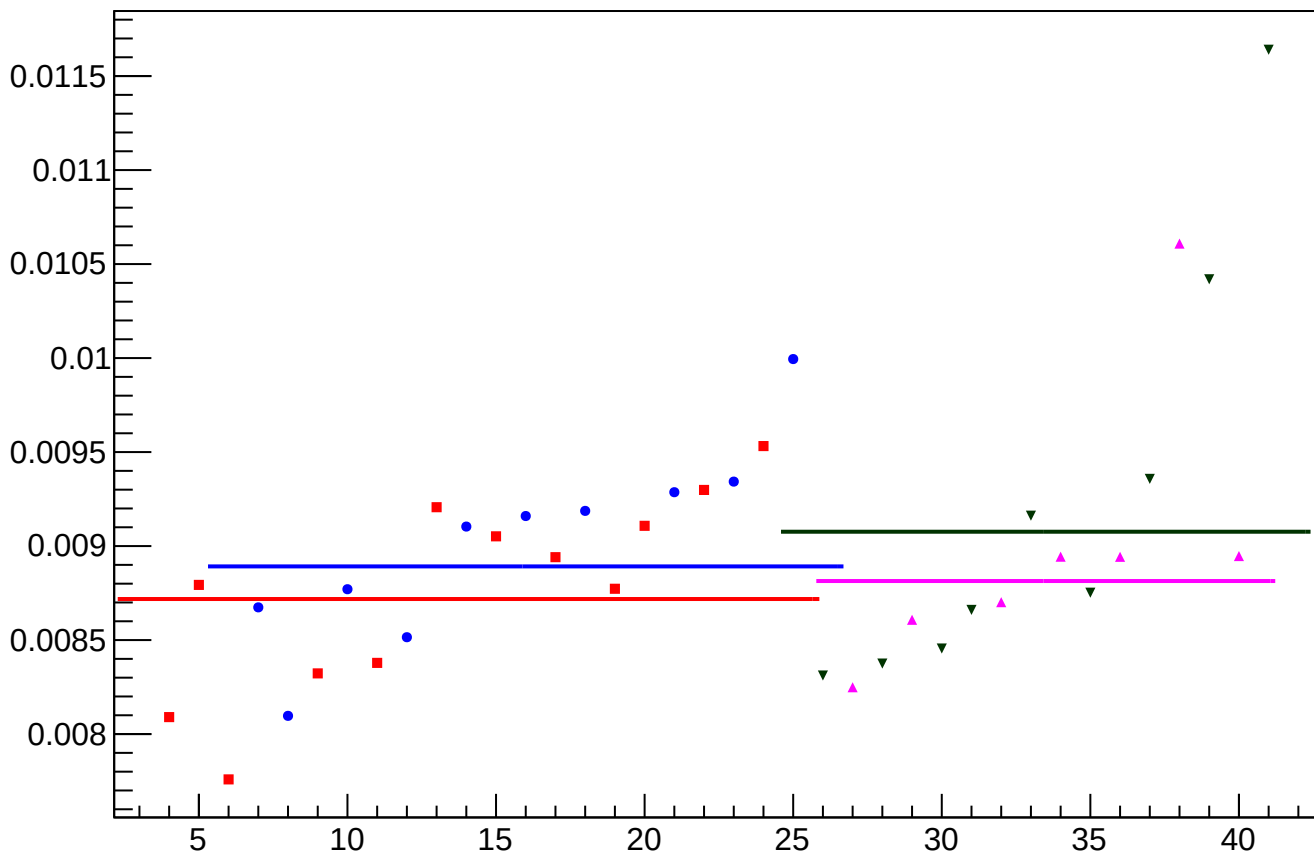
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -0.960+/-0.000 χ^2/NDF : 1132887588.6/6

-0.835+/-0.000 χ^2/NDF : 19906708342.2/18

-0.785+/-0.000 χ^2/NDF : 21894335100.3/18

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 34334.5/9

Left Out: 0.009+/-0.000 χ^2/NDF :102086.7/8

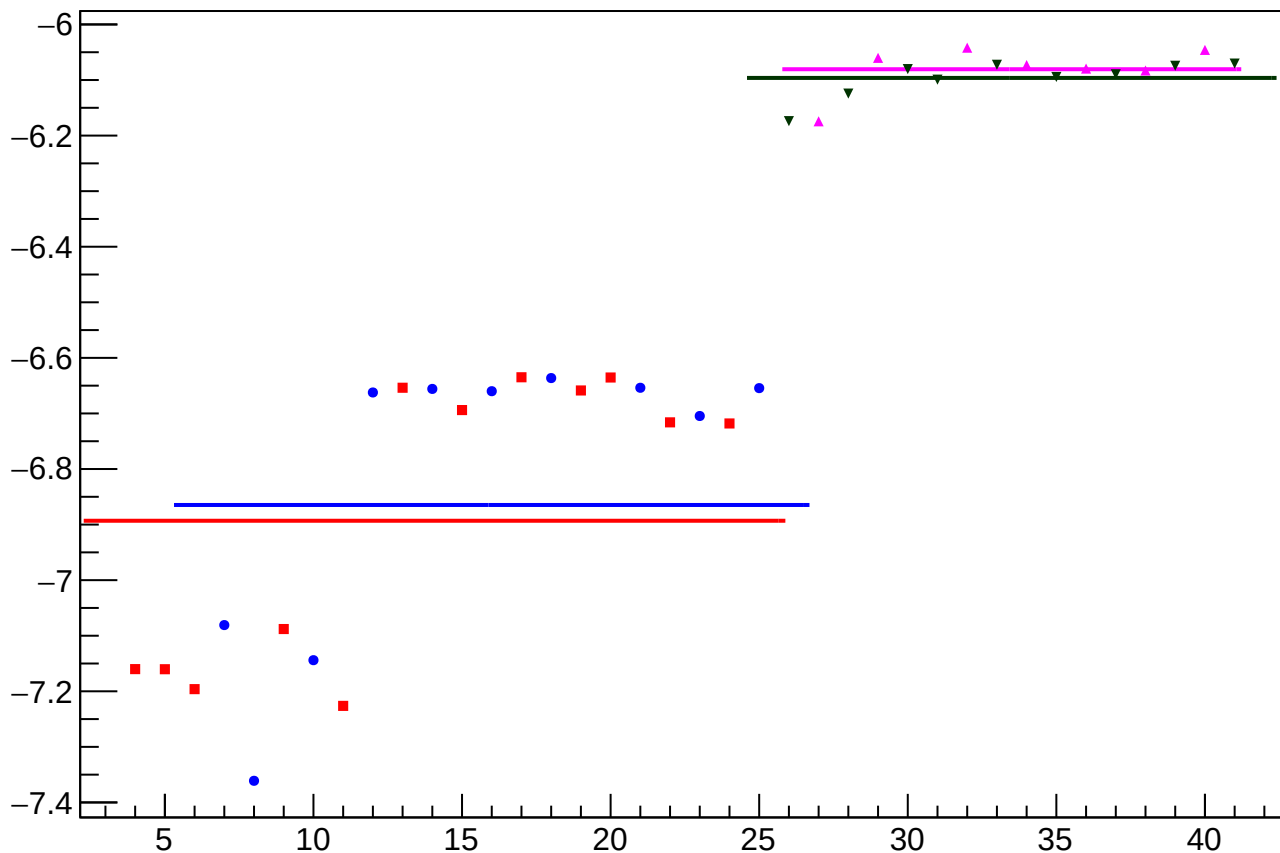
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.009+/-0.000 χ^2/NDF :38723.3/6

0.009+/-0.000 χ^2/NDF : 138679.8/18

0.009+/-0.000 χ^2/NDF : 86993.6/18

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.096+/-0.000 χ^2/NDF : 45177042.5/8

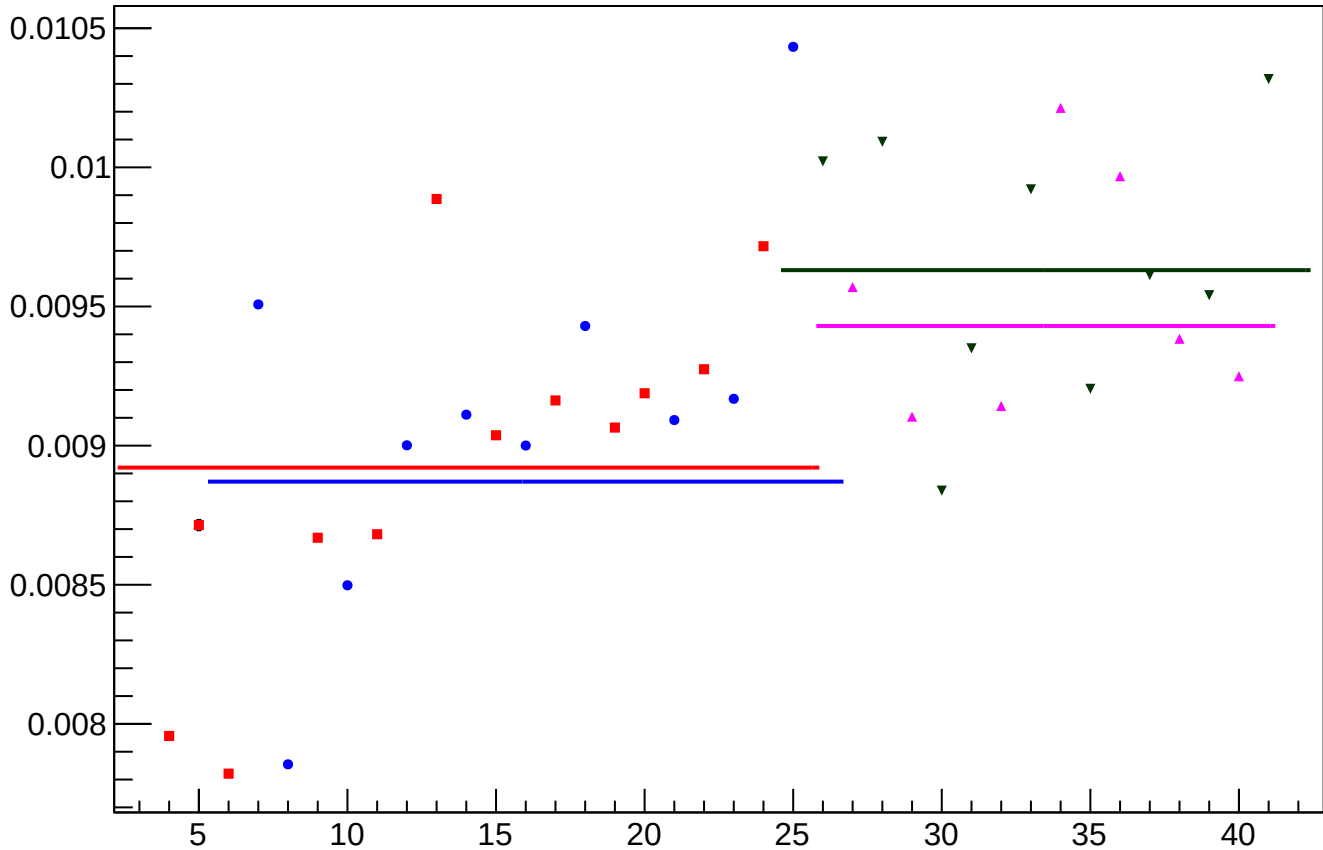
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.081+/-0.000 χ^2/NDF : 104614004.9/6

-6.567+/-0.000 χ^2/NDF : 24832229472.6/18

-6.572+/-0.000 χ^2/NDF : 24803562806.4/18

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 53944.1/9

Left Out: 0.010+/-0.000 χ^2/NDF : 21294.5/8

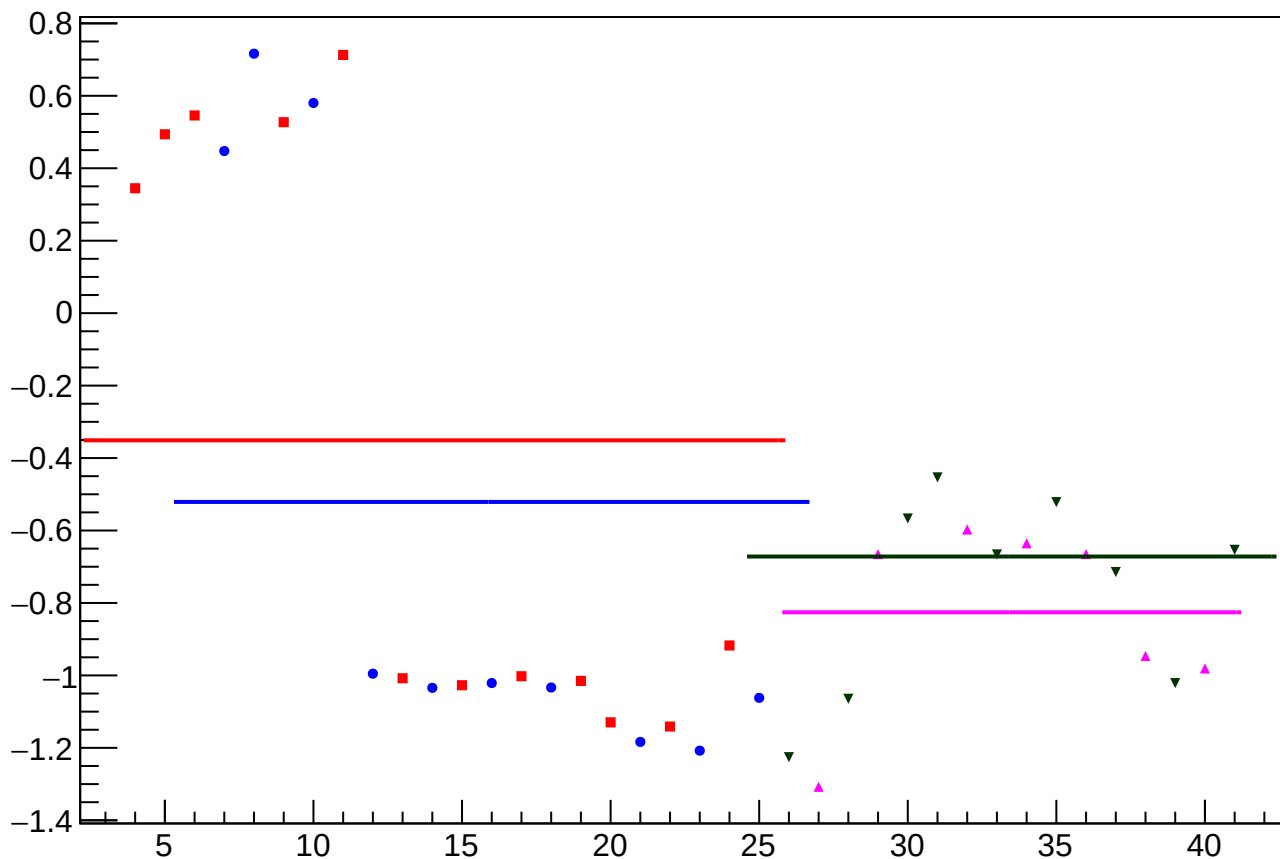
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF : 13141.1/6

0.009+/-0.000 χ^2/NDF : 110770.6/18

0.009+/-0.000 χ^2/NDF : 90029.8/18

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -0.672+/-0.000 χ^2/NDF :1113679112.8/8

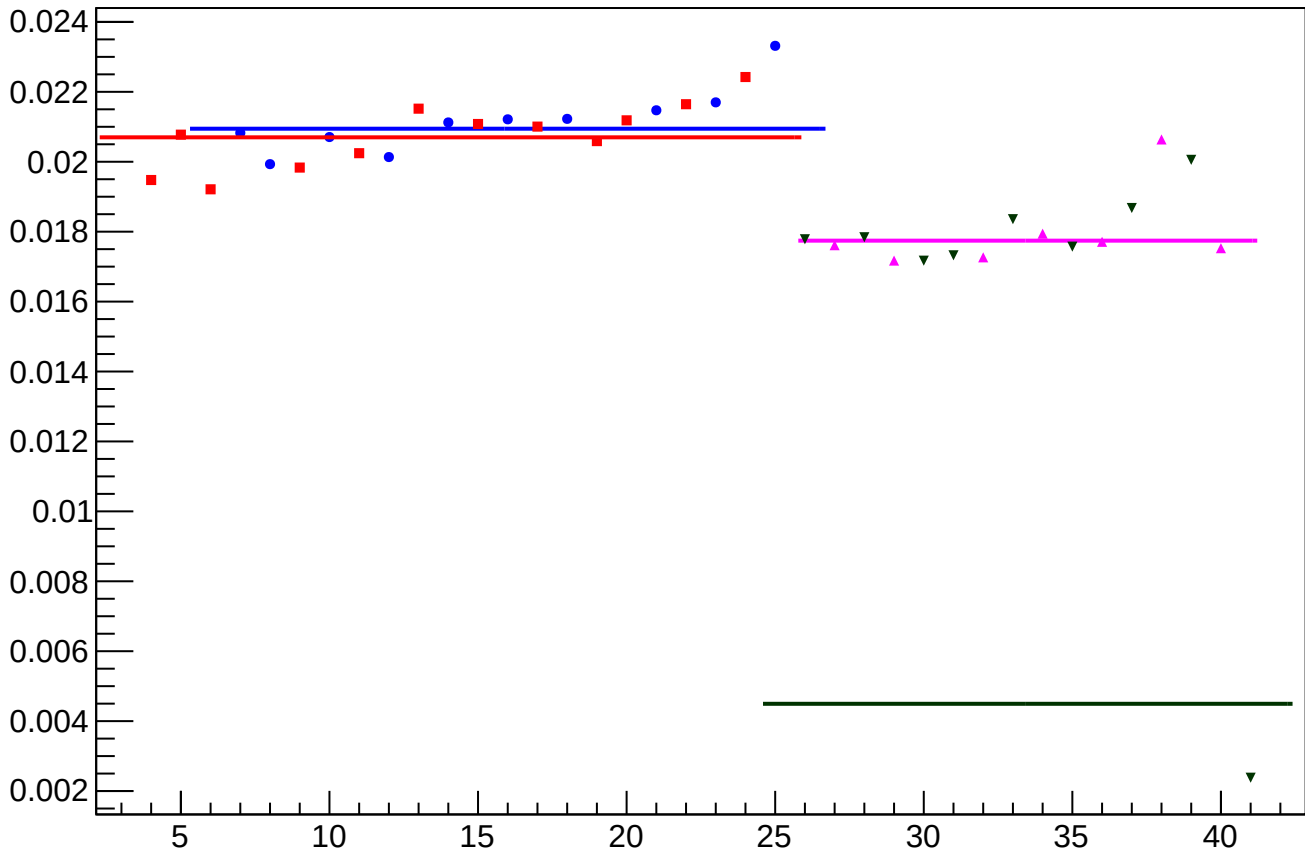
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.826+/-0.000 χ^2/NDF :1000978384.8/6

-0.652+/-0.000 χ^2/NDF : 10619663401.6/18

-0.587+/-0.000 χ^2/NDF : 11616902408.2/18

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 14569.8/9

Left Out: 0.004+/-0.000 χ^2/NDF : 5471312.1/8

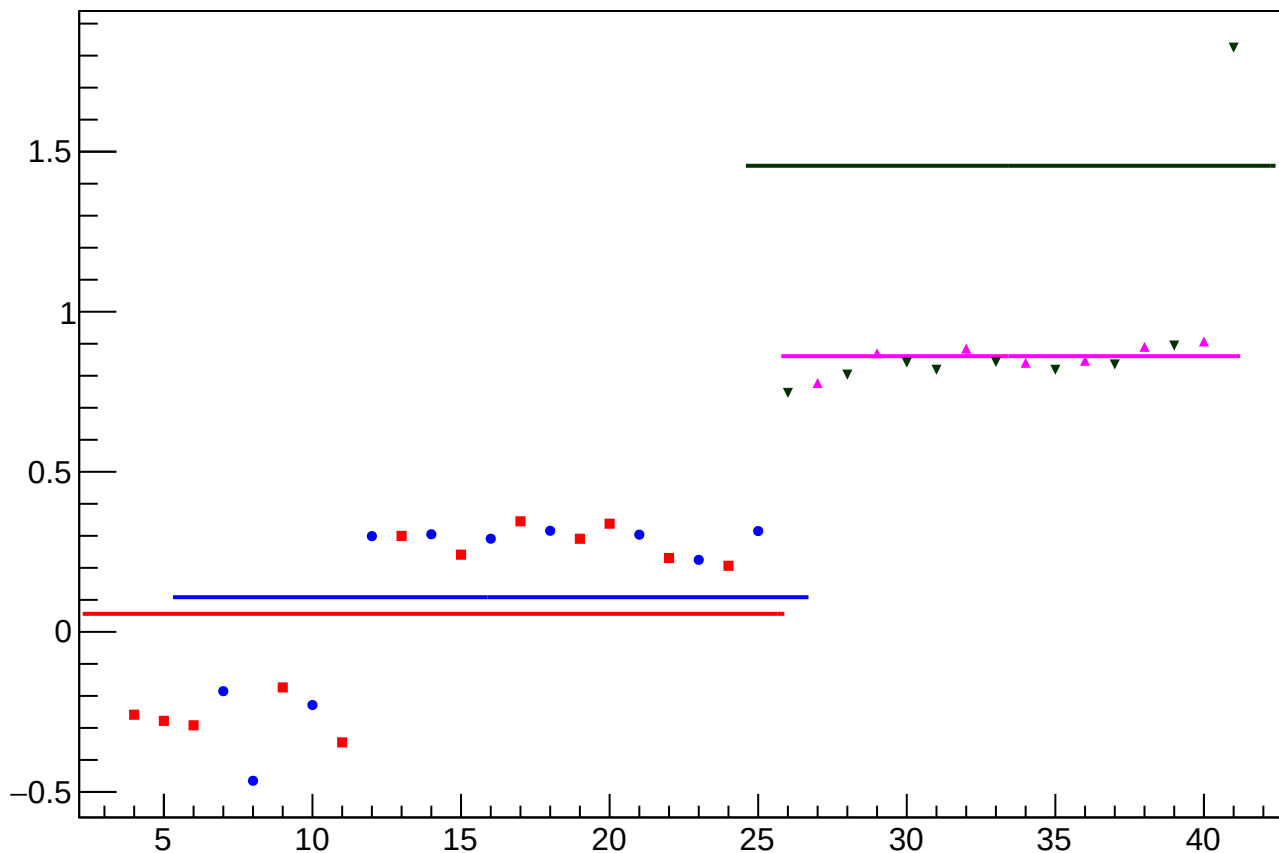
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.018+/-0.000 χ^2/NDF : 23619.9/6

0.007+/-0.000 χ^2/NDF : 12279923.8/18

0.019+/-0.000 χ^2/NDF : 175400.0/18

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 1.456+/-0.000 χ^2/NDF :18739632625.3/8

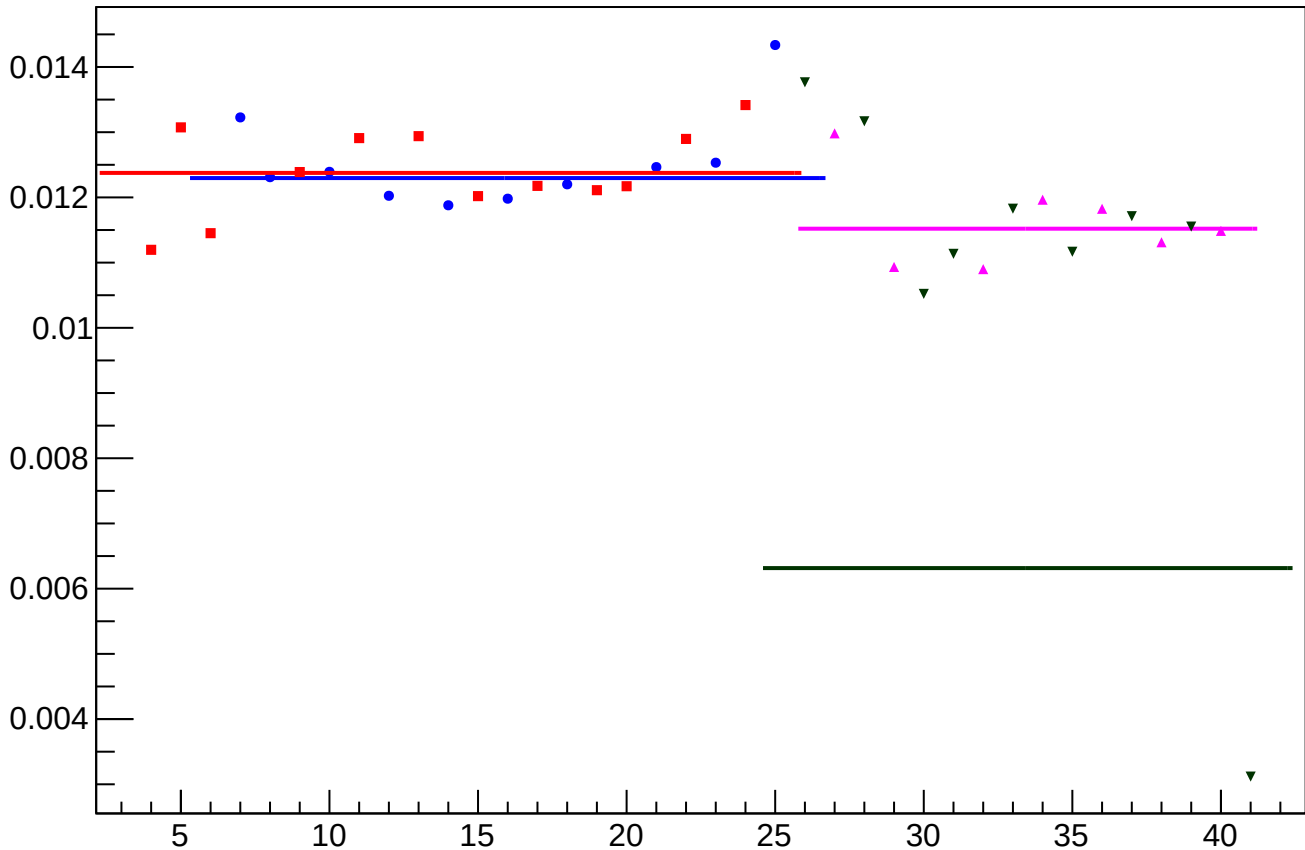
1.000+/-0.000 χ^2/NDF : 72246572557.6/18

Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

0.424+/-0.000 χ^2/NDF : 14885558520.5/18

Left In: 0.861+/-0.000 χ^2/NDF :51843089.4/6

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.006+/-0.000 χ^2/NDF : 2865161.9/8

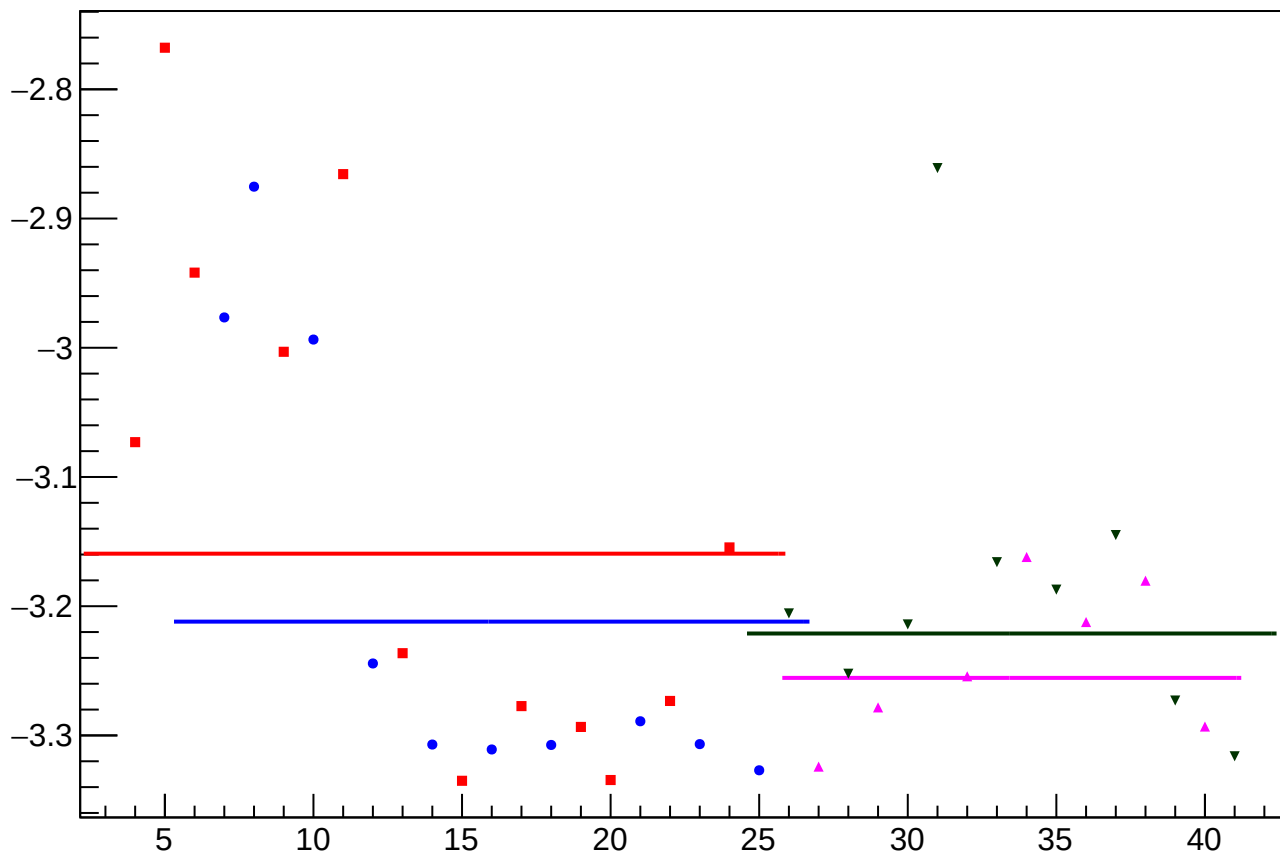
0.008+/-0.000 χ^2/NDF : 4847242.5/18

Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

0.012+/-0.000 χ^2/NDF : 91811.5/18

Left In: 0.012+/-0.000 χ^2/NDF : 33422.8/6

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.221+/-0.000 χ^2/NDF : 427576660.4/8

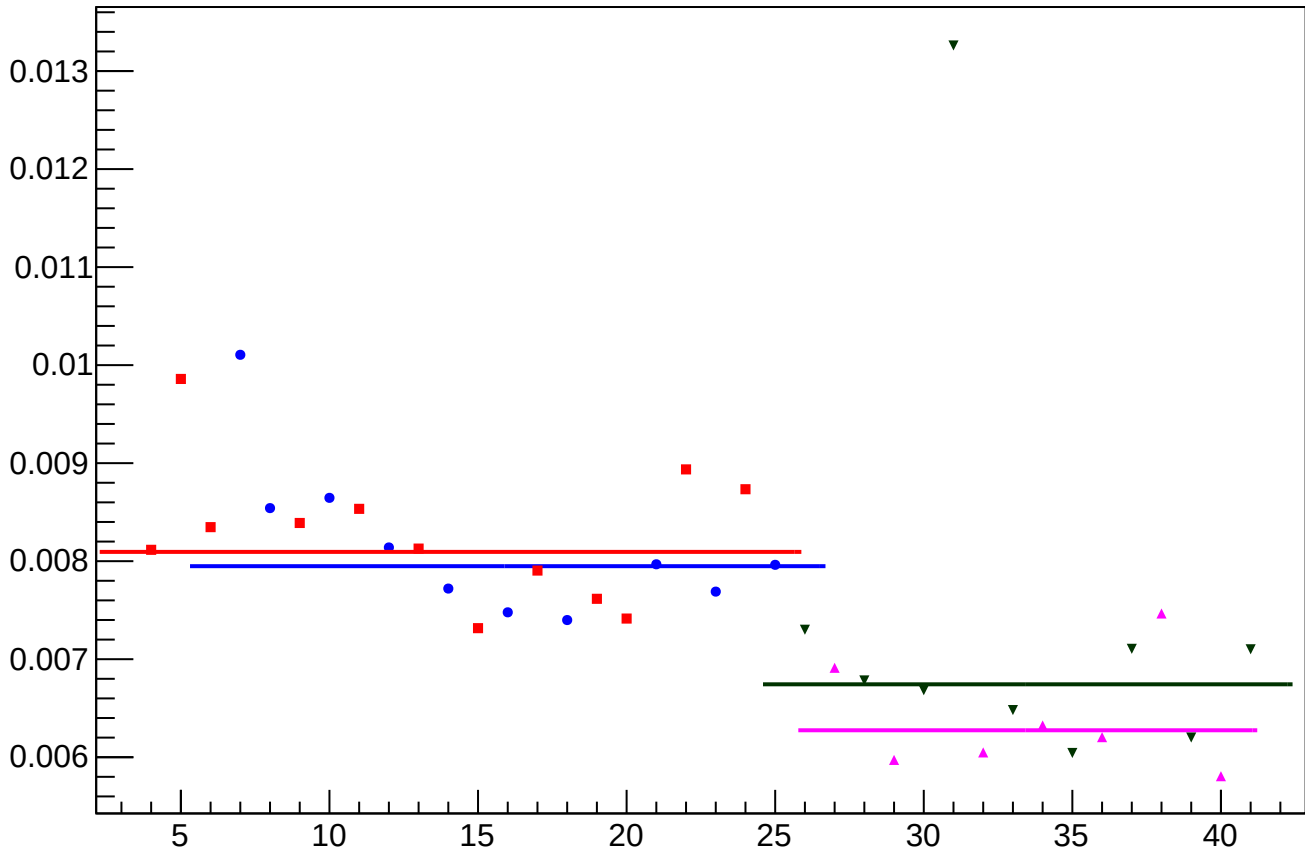
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.255+/-0.000 χ^2/NDF : 260851093.7/6

-3.217+/-0.000 χ^2/NDF : 2663267052.9/18

-3.214+/-0.000 χ^2/NDF : 2870781146.3/18

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 42380.1/9

Left Out: 0.007+/-0.000 χ^2/NDF :159489.0/8

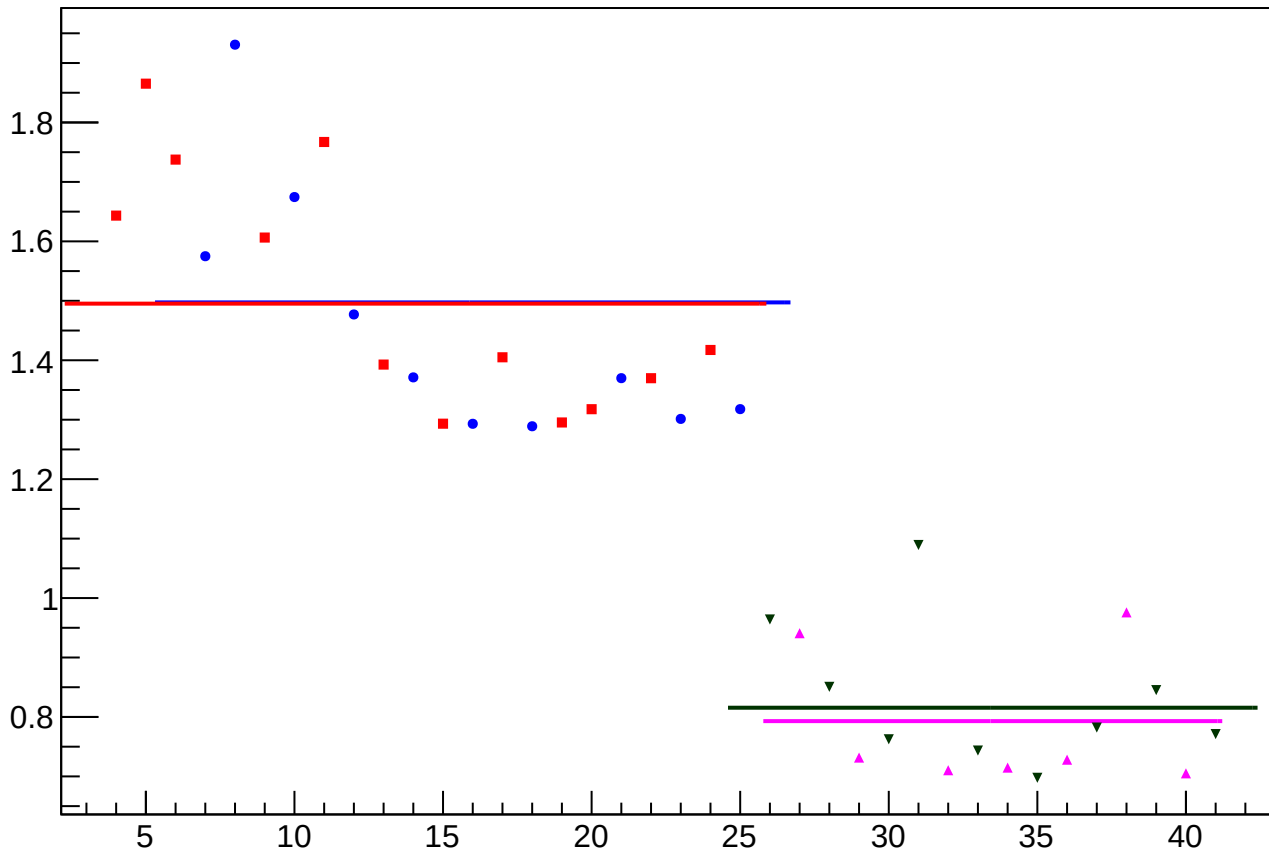
0.007+/-0.000 χ^2/NDF : 328383.0/18

Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

0.007+/-0.000 χ^2/NDF : 386627.1/18

Left In: 0.006+/-0.000 χ^2/NDF :46179.4/6

yield_bpm0l03Y_mean vs slug



Right In: 1.497+/-0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.816+/-0.000 χ^2/NDF : 350713158.0/8

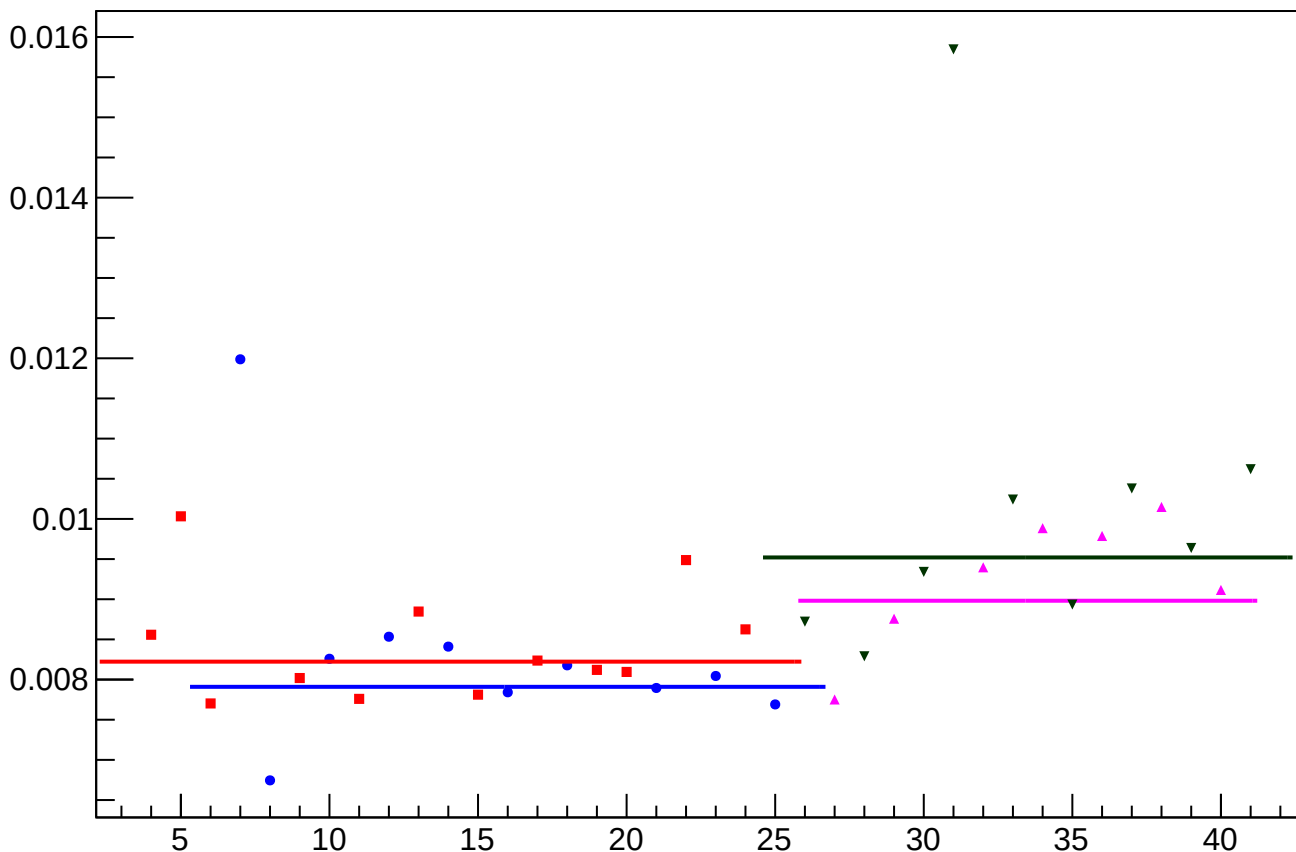
1.271+/-0.000 χ^2/NDF : 18776221097.7/18

Right Out: 1.495+/-0.000 χ^2/NDF : 2404671234.5/11

1.215+/-0.000 χ^2/NDF : 17890229581.0/18

Left In: 0.793+/-0.000 χ^2/NDF : 589086253.9/6

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91526.9/9

Left Out: 0.010+/-0.000 χ^2/NDF :144037.7/8

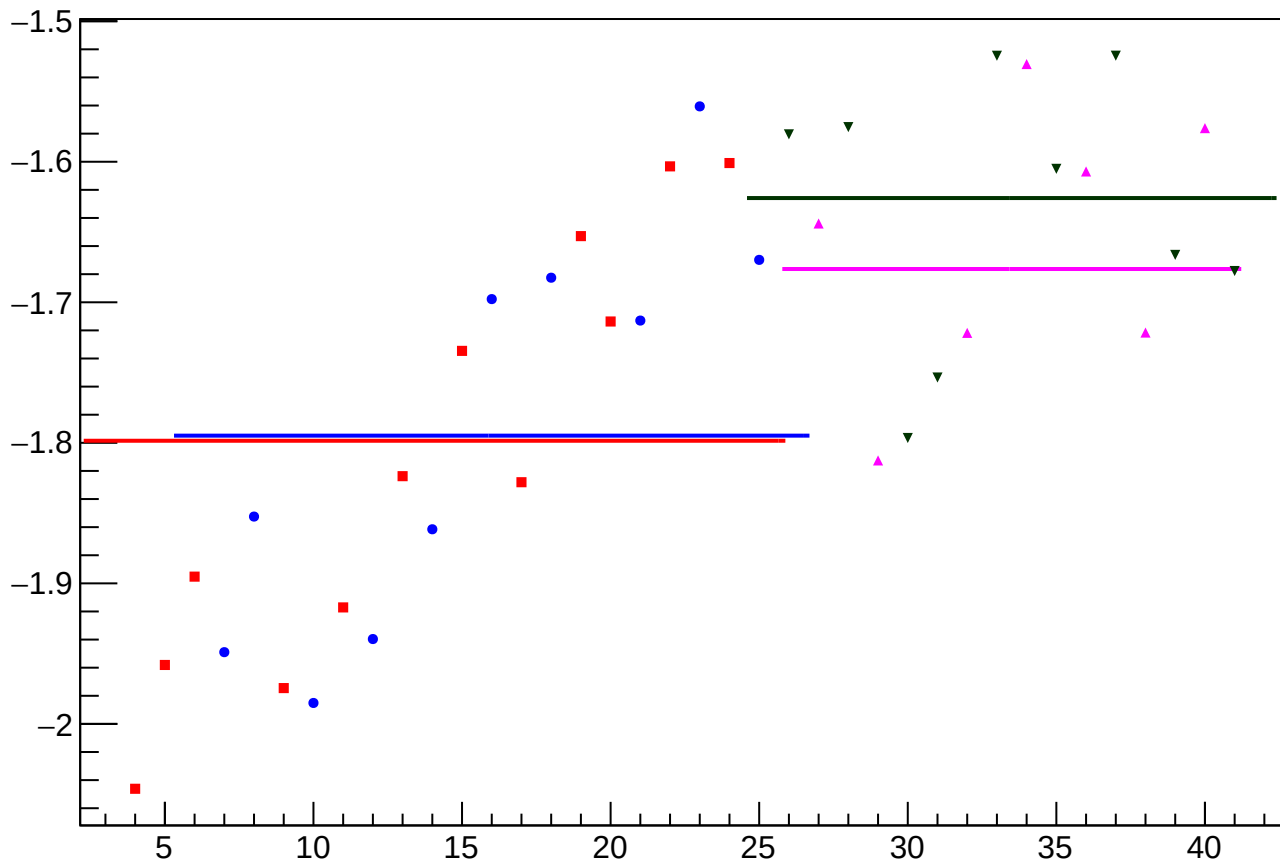
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-0.000 χ^2/NDF :65063.7/6

0.008+/-0.000 χ^2/NDF : 385225.1/18

0.009+/-0.000 χ^2/NDF : 137975.3/18

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.626+/-0.000 χ^2/NDF : 262678177.4/8

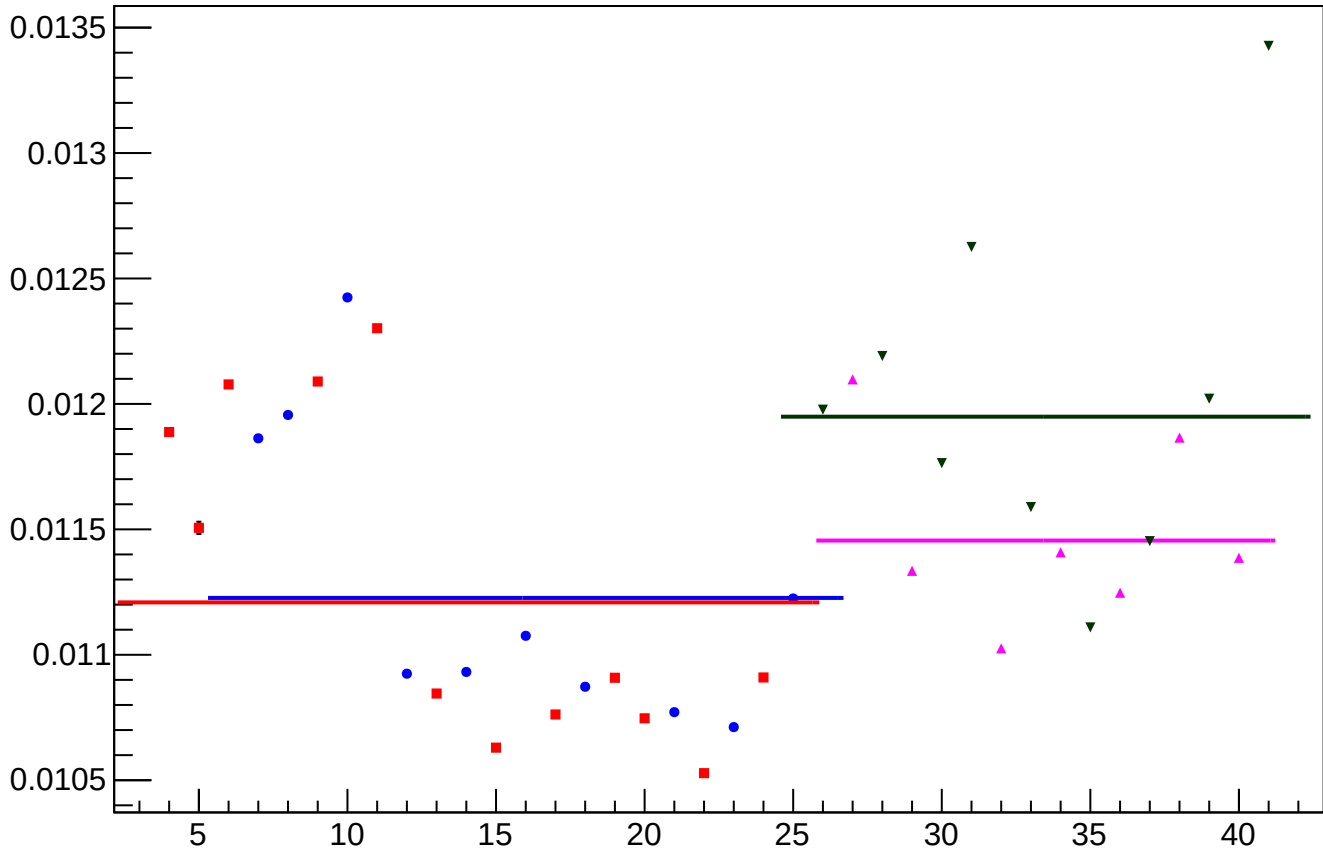
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.676+/-0.000 χ^2/NDF : 287219050.0/6

-1.728+/-0.000 χ^2/NDF : 1671837611.3/18

-1.748+/-0.000 χ^2/NDF : 1523628593.9/18

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 32205.5/9

Left Out: 0.012+/-0.000 χ^2/NDF :25311.9/8

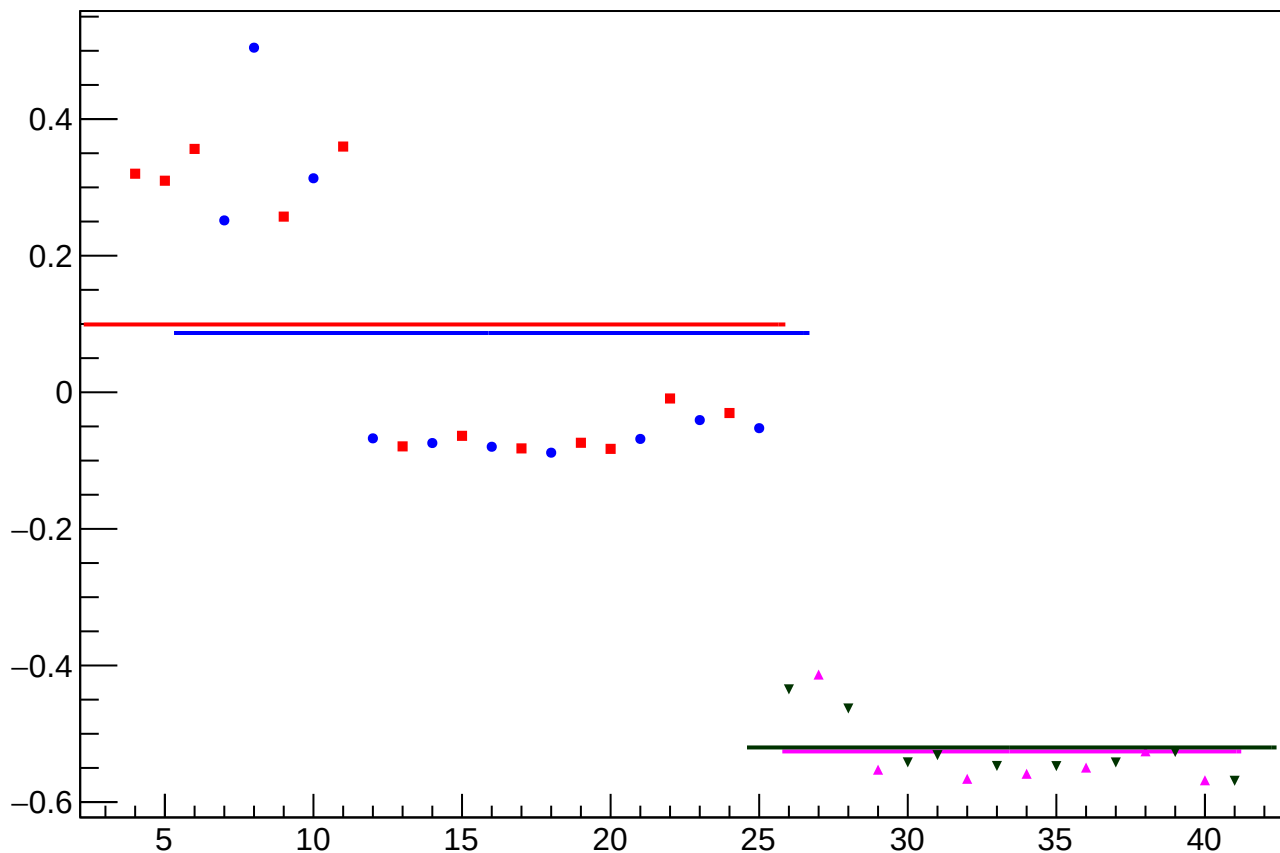
0.012+/-0.000 χ^2/NDF : 78465.3/18

Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

0.011+/-0.000 χ^2/NDF : 52831.5/18

Left In: 0.011+/-0.000 χ^2/NDF :9232.9/6

yield_bpm0l04Y_mean vs slug



Right In: 0.087+/-0.000 χ^2/NDF : 6587794227.2/9

Left Out: -0.520+/-0.000 χ^2/NDF : 128334891.9/8

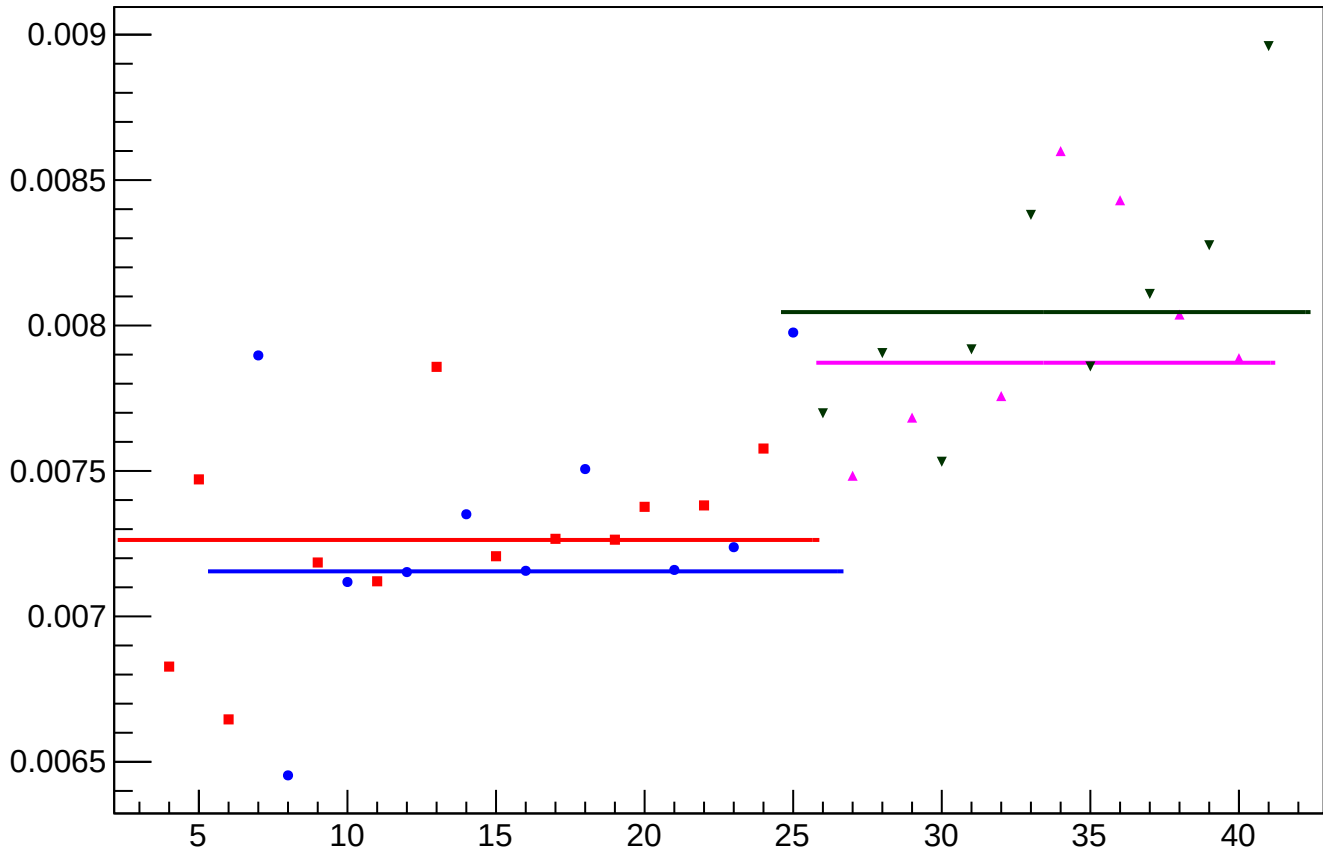
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.526+/-0.000 χ^2/NDF : 244084988.3/6

-0.138+/-0.000 χ^2/NDF : 23446043936.6/18

-0.141+/-0.000 χ^2/NDF : 21888725453.9/18

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 35013.6/9

Left Out: 0.008+/-0.000 χ^2/NDF :22308.8/8

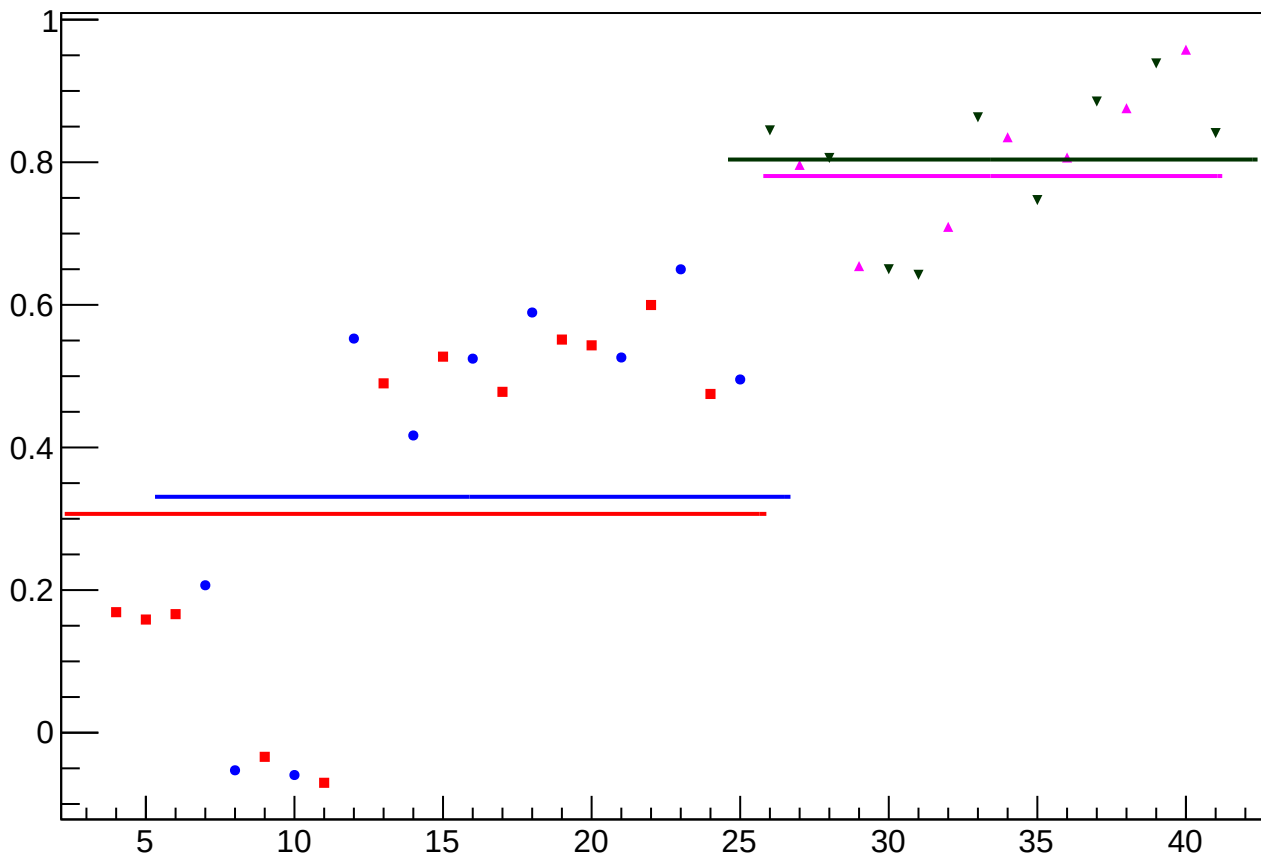
0.007+/-0.000 χ^2/NDF : 129505.5/18

Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

0.007+/-0.000 χ^2/NDF : 76028.3/18

Left In: 0.008+/-0.000 χ^2/NDF :17507.9/6

yield_bpm0l05X_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 10288533334.9/9

Left Out: 0.804+/-0.000 χ^2/NDF : 881249438.6/8

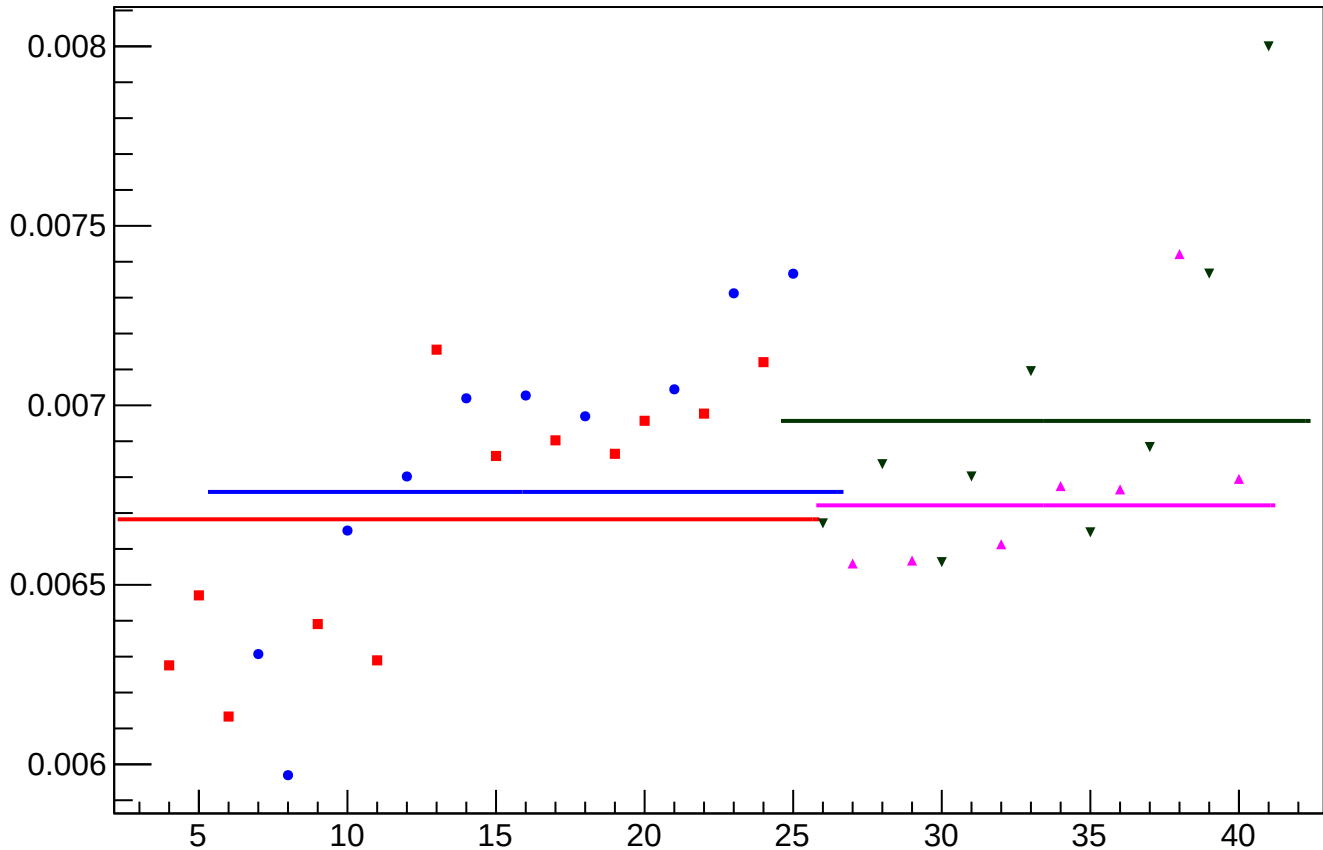
0.528+/-0.000 χ^2/NDF : 24015495006.2/18

Right Out: 0.307+/-0.000 χ^2/NDF : 8592627222.1/11

0.505+/-0.000 χ^2/NDF : 22506406616.0/18

Left In: 0.781+/-0.000 χ^2/NDF : 864743153.6/6

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 51100.4/9

Left Out: 0.007+/-0.000 χ^2/NDF : 32255.0/8

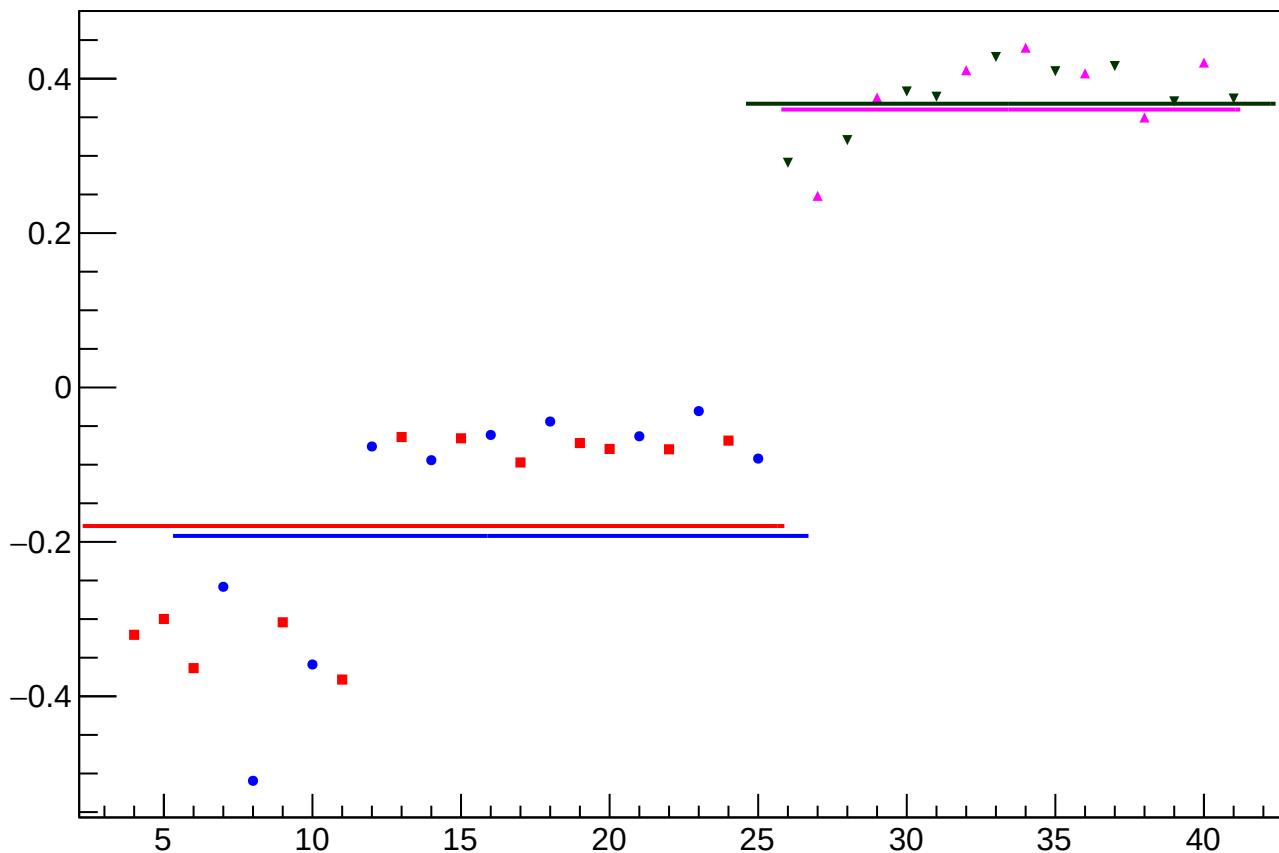
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 11728.0/6

0.007+/-0.000 χ^2/NDF : 87846.6/18

0.007+/-0.000 χ^2/NDF : 49826.8/18

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.368+/-0.000 χ^2/NDF : 257449426.5/8

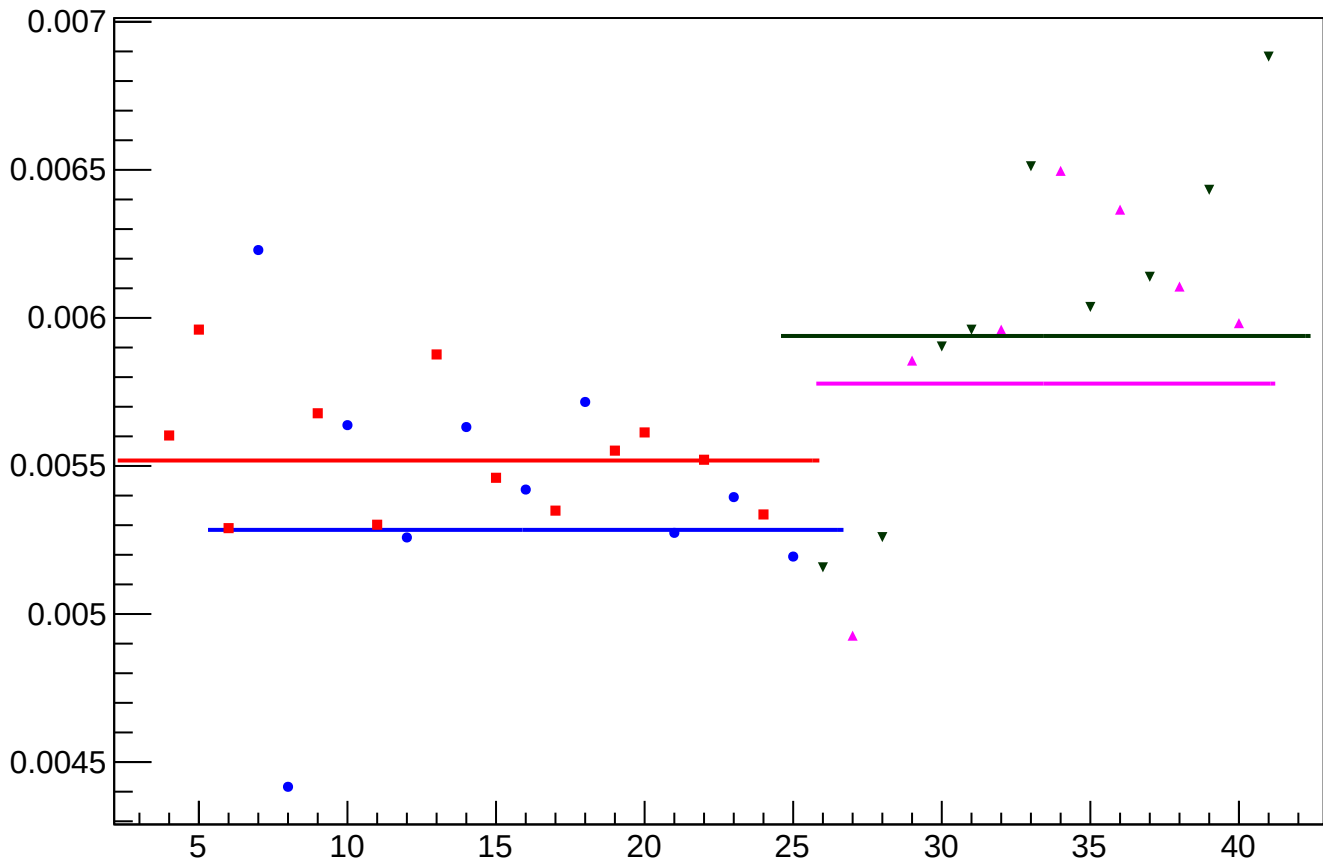
Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

Left In: 0.360+/-0.000 χ^2/NDF : 637263543.9/6

0.014+/-0.000 χ^2/NDF : 33482414911.2/18

0.035+/-0.000 χ^2/NDF : 27250766109.4/18

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 101310.2/9

Left Out: 0.006+/-0.000 χ^2/NDF : 79092.0/8

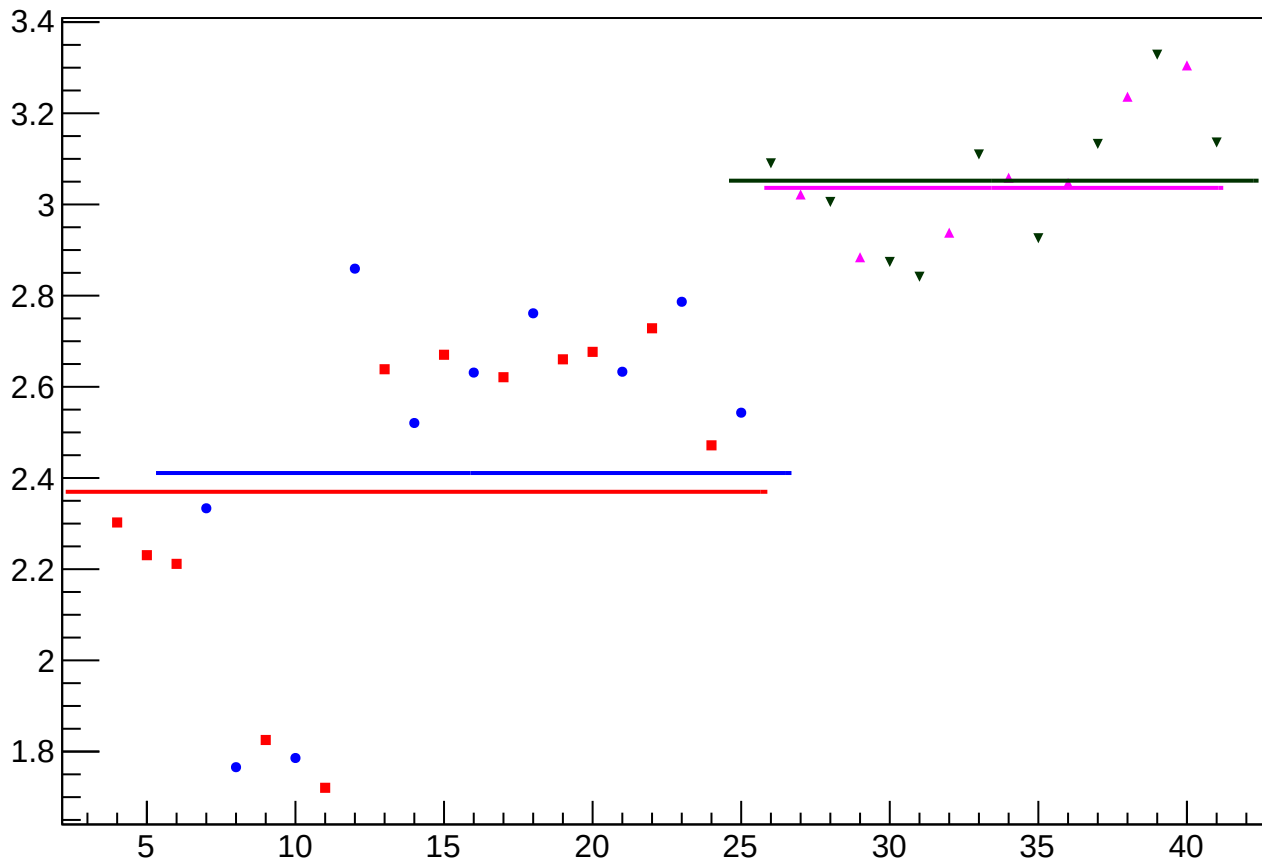
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.006+/-0.000 χ^2/NDF : 74380.6/6

0.006+/-0.000 χ^2/NDF : 250752.3/18

0.006+/-0.000 χ^2/NDF : 100972.0/18

yield_bpm0l06X_mean vs slug



Right In: 2.411 $\pm$ 0.000 χ^2 /NDF: 8288488350.8/9

Left Out: 3.052 $\pm$ 0.000 χ^2 /NDF:1046350808.6/8

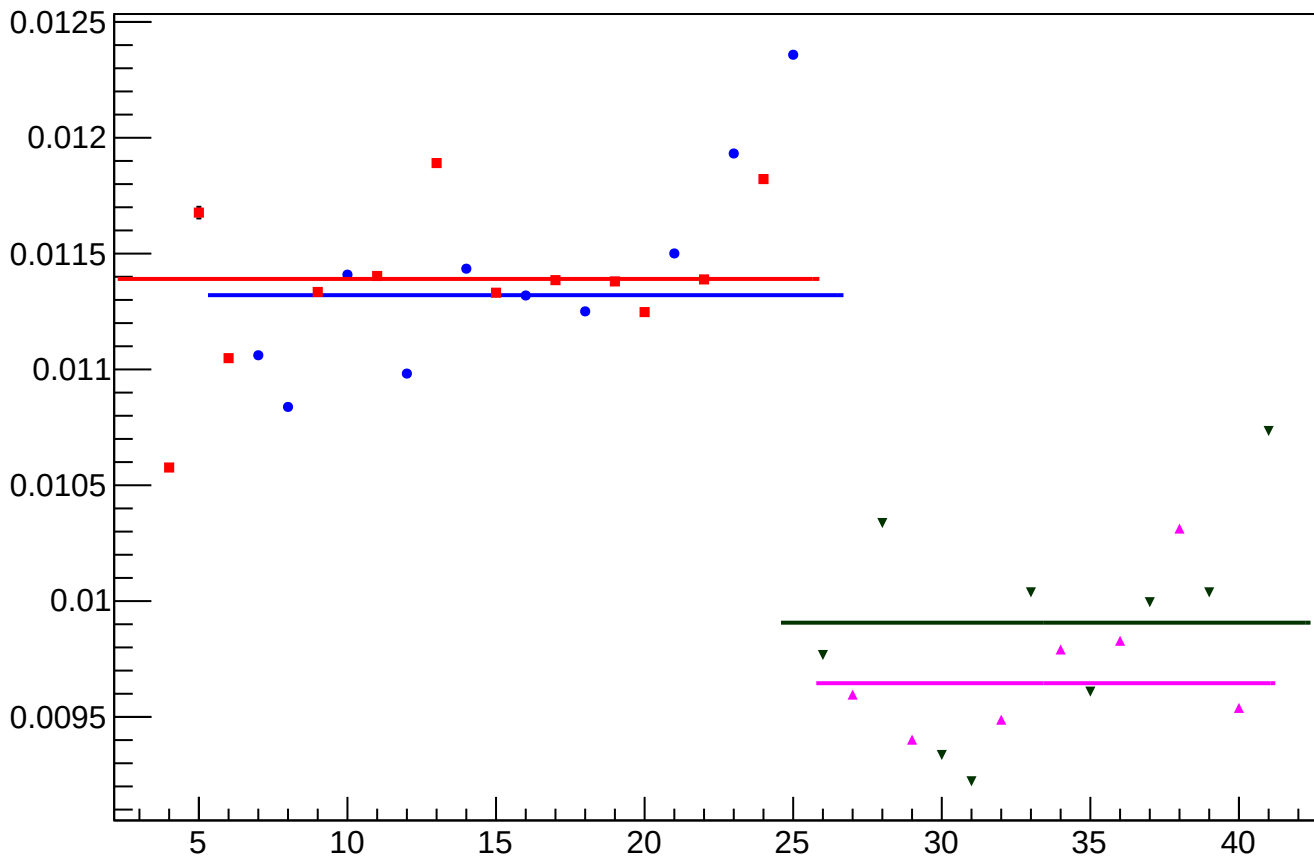
2.730 $\pm$ 0.000 χ^2 /NDF: 19429235231.1/18

Right Out: 2.370 $\pm$ 0.000 χ^2 /NDF: 6148614256.2/11

2.706 $\pm$ 0.000 χ^2 /NDF: 17729451111.6/18

Left In: 3.036 $\pm$ 0.000 χ^2 /NDF:889483074.6/6

yield_bpm0l06X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 11666.9/9

Left Out: 0.010+/-0.000 χ^2/NDF :18799.1/8

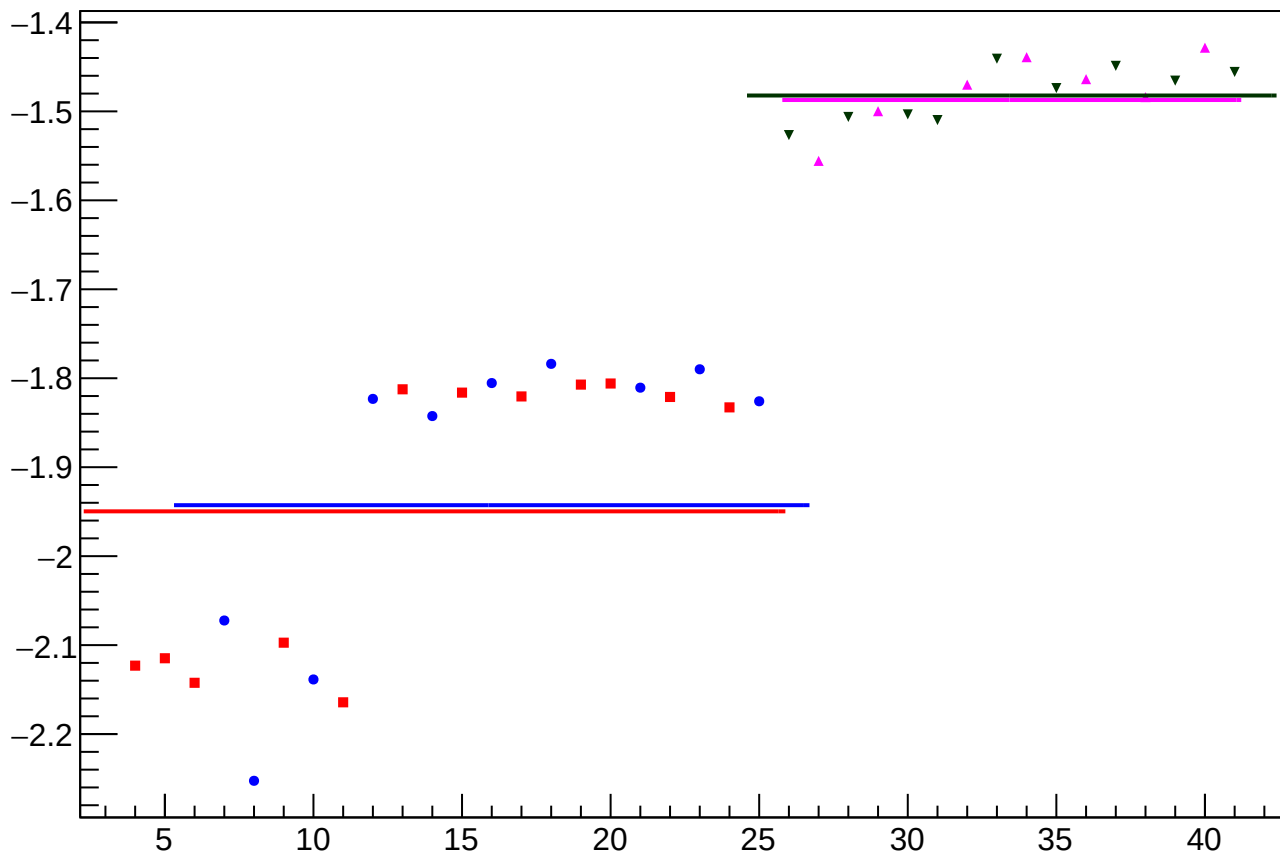
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.010+/-0.000 χ^2/NDF :6596.4/6

0.011+/-0.000 χ^2/NDF : 128597.7/18

0.011+/-0.000 χ^2/NDF : 163623.2/18

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.482+/-0.000 χ^2/NDF : 131705643.9/8

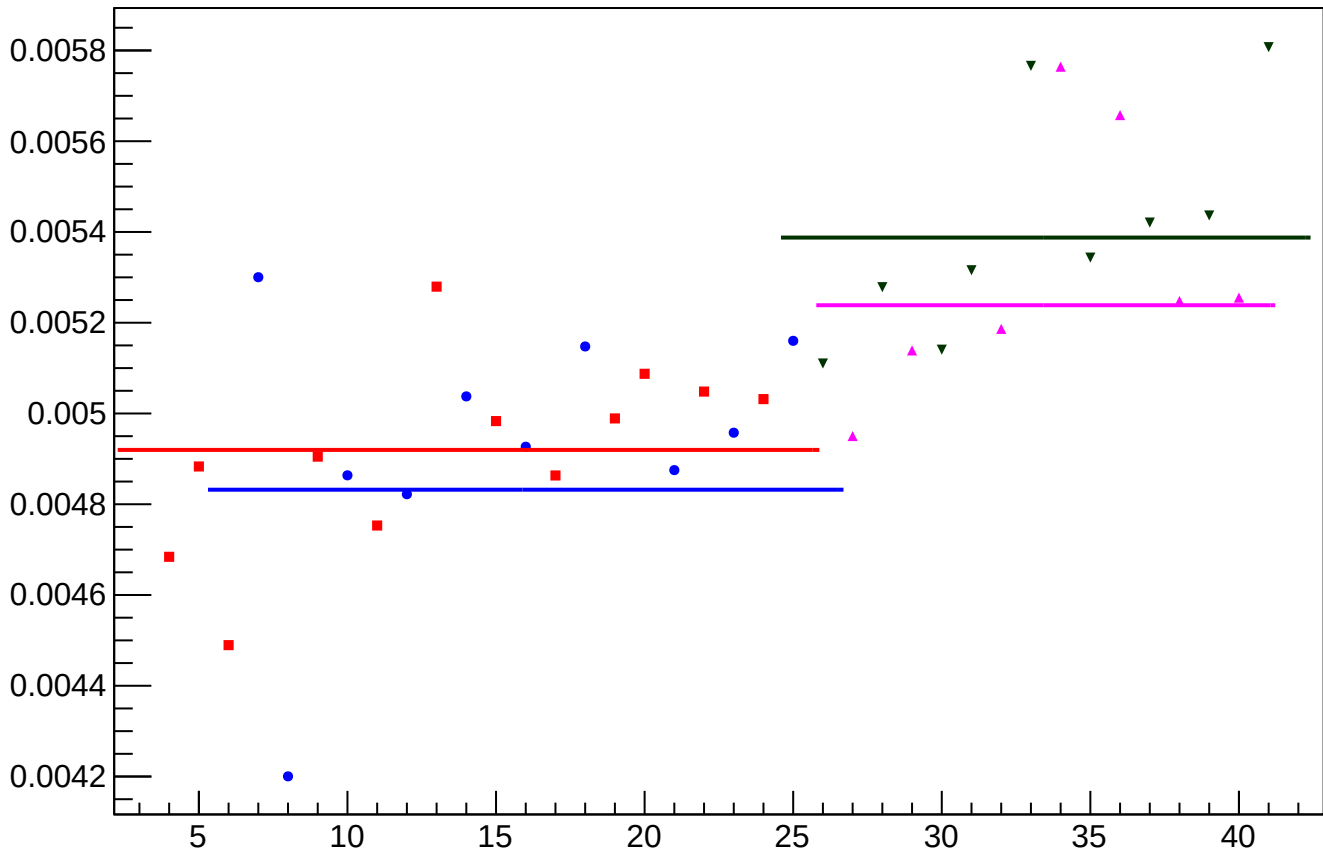
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.487+/-0.000 χ^2/NDF : 274507482.6/6

-1.770+/-0.000 χ^2/NDF : 30657919329.9/18

-1.769+/-0.000 χ^2/NDF : 27679993882.8/18

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 55245.9/9

Left Out: 0.005+/-0.000 χ^2/NDF : 16225.5/8

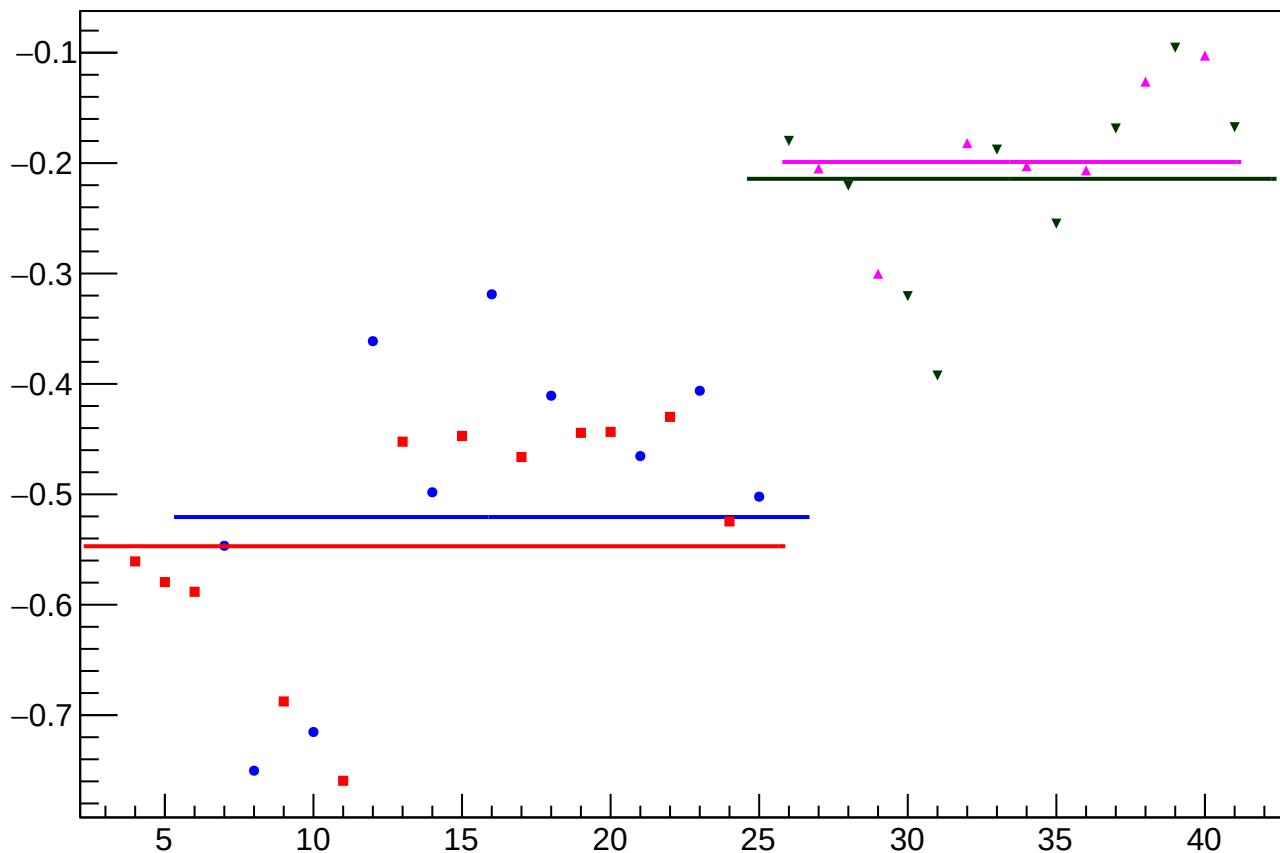
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 19834.3/6

0.005+/-0.000 χ^2/NDF : 133608.6/18

0.005+/-0.000 χ^2/NDF : 63847.1/18

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.214+/-0.000 χ^2/NDF :138814401.4/8

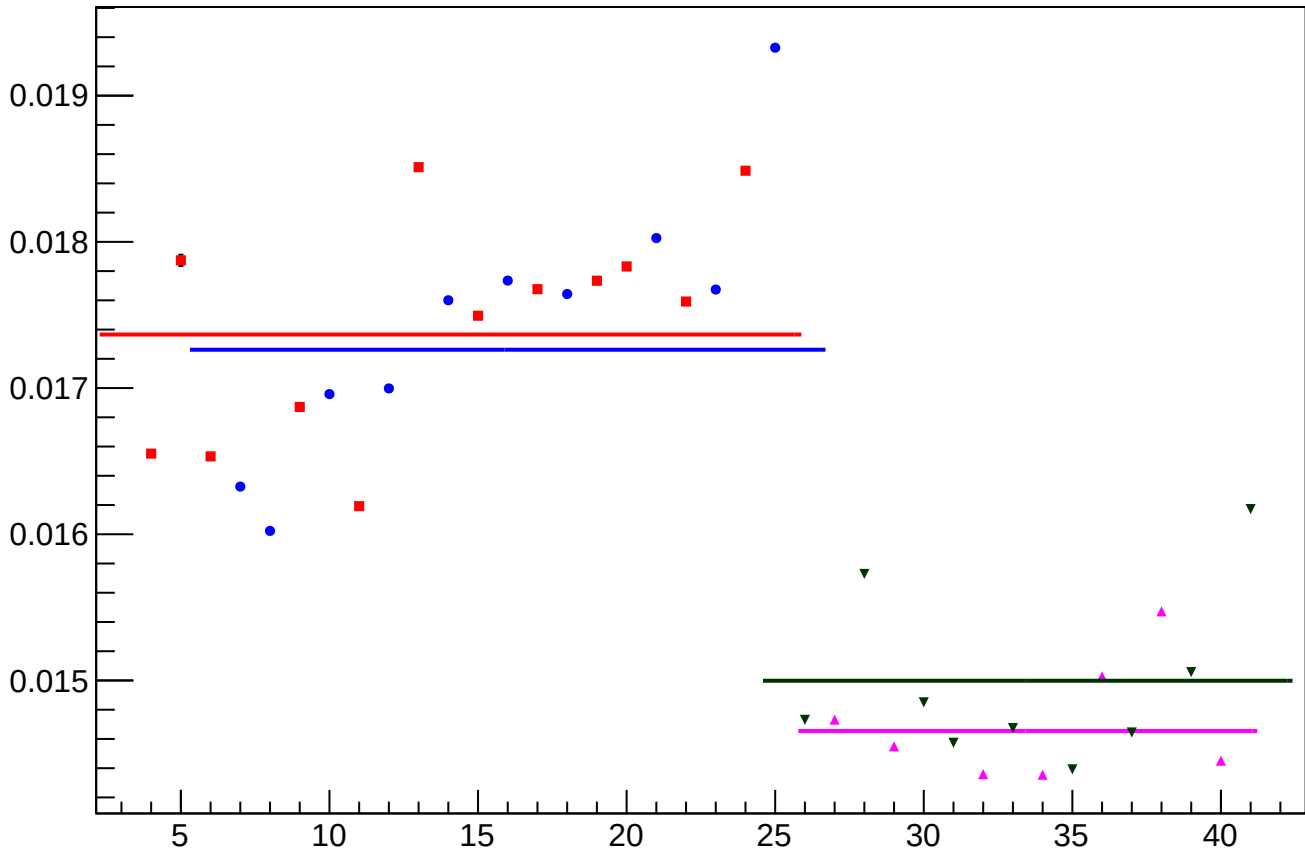
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.199+/-0.000 χ^2/NDF :75324706.2/6

-0.366+/-0.000 χ^2/NDF : 1616289062.5/18

-0.369+/-0.000 χ^2/NDF : 1604485000.1/18

yield_bpm0l07X_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 24130.4/9

Left Out: 0.015+/-0.000 χ^2/NDF :13138.6/8

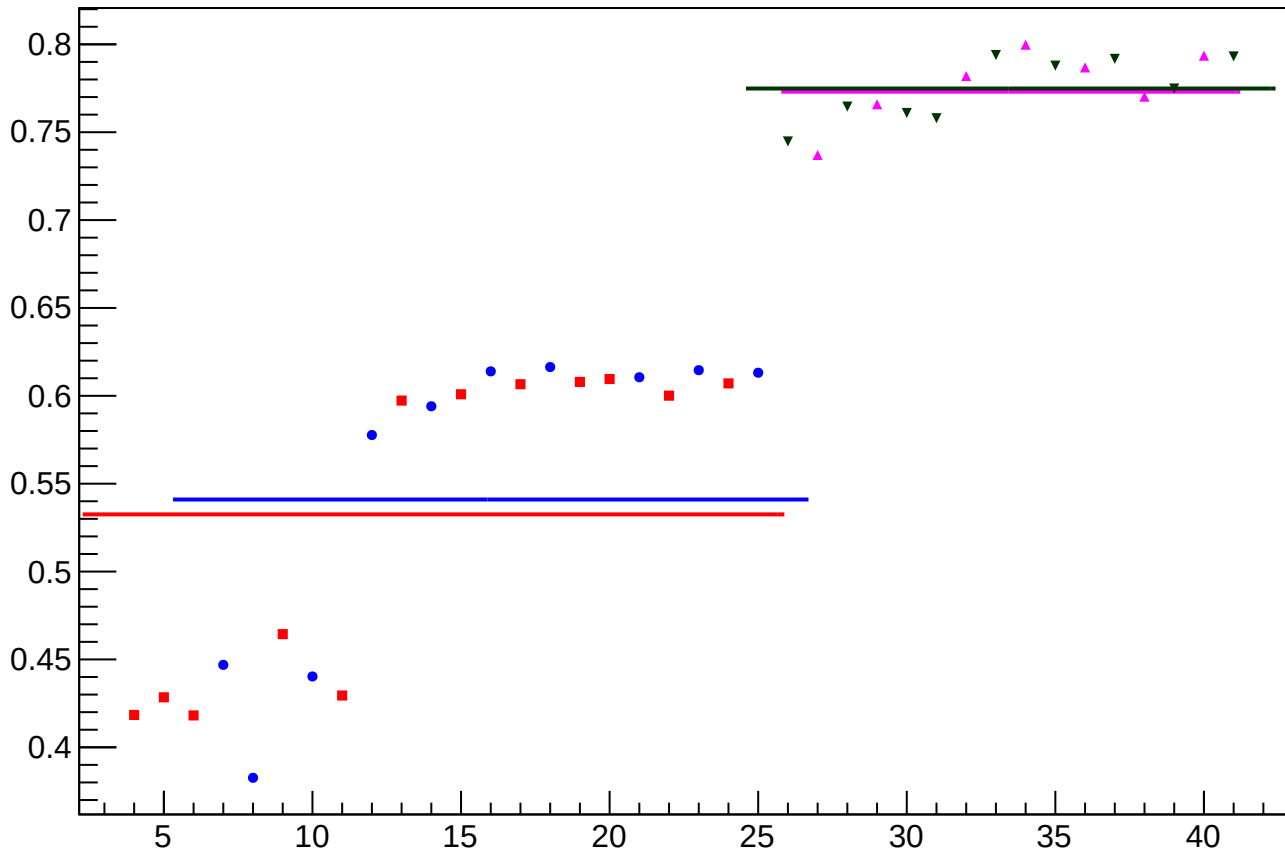
0.016+/-0.000 χ^2/NDF : 146971.4/18

Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

0.016+/-0.000 χ^2/NDF : 183085.2/18

Left In: 0.015+/-0.000 χ^2/NDF :4985.6/6

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.775+/-0.000 χ^2/NDF : 120236143.7/8

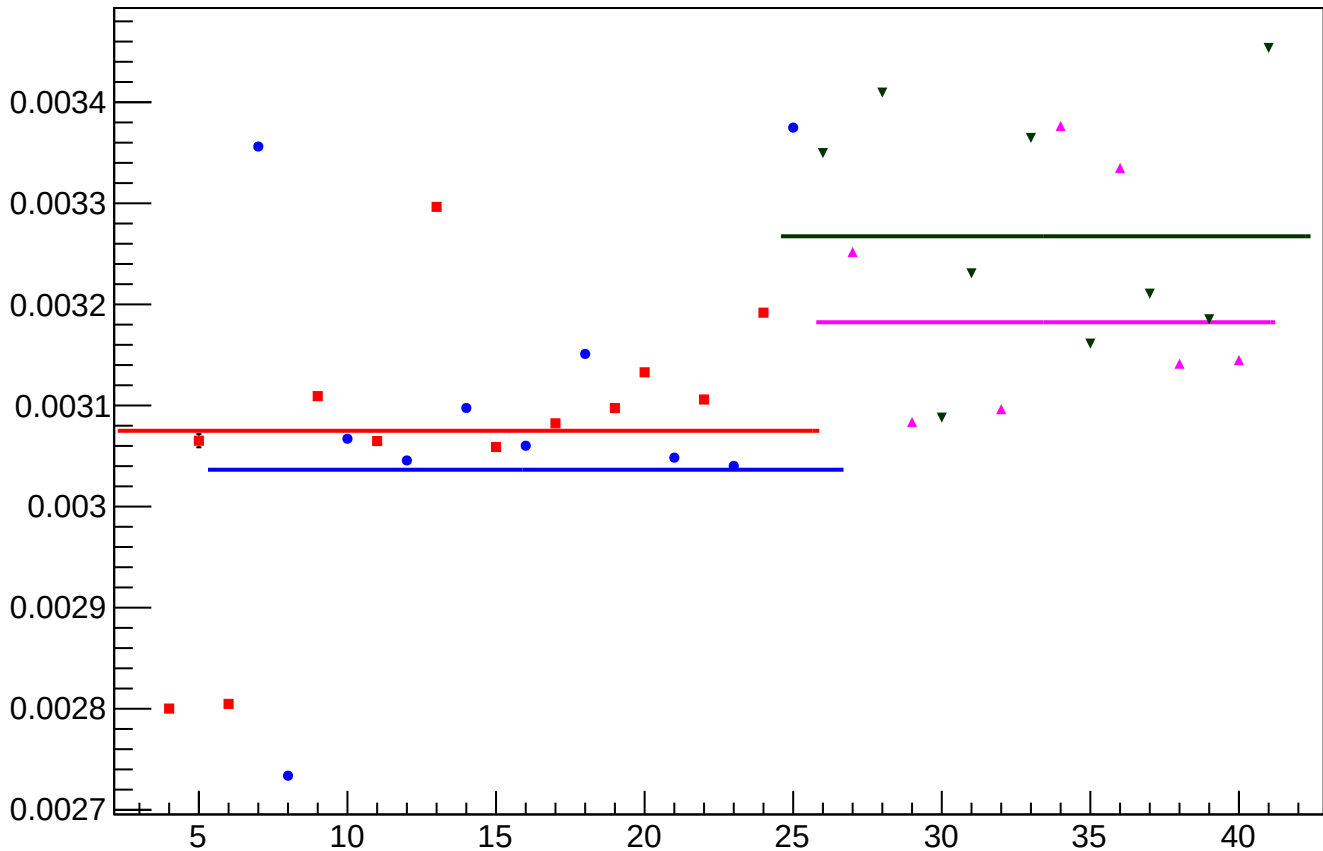
0.633+/-0.000 χ^2/NDF : 20640375045.1/18

Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

0.630+/-0.000 χ^2/NDF : 20065910811.9/18

Left In: 0.773+/-0.000 χ^2/NDF : 172582466.4/6

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 33871.1/9

Left Out: 0.003+/-0.000 χ^2/NDF :12861.6/8

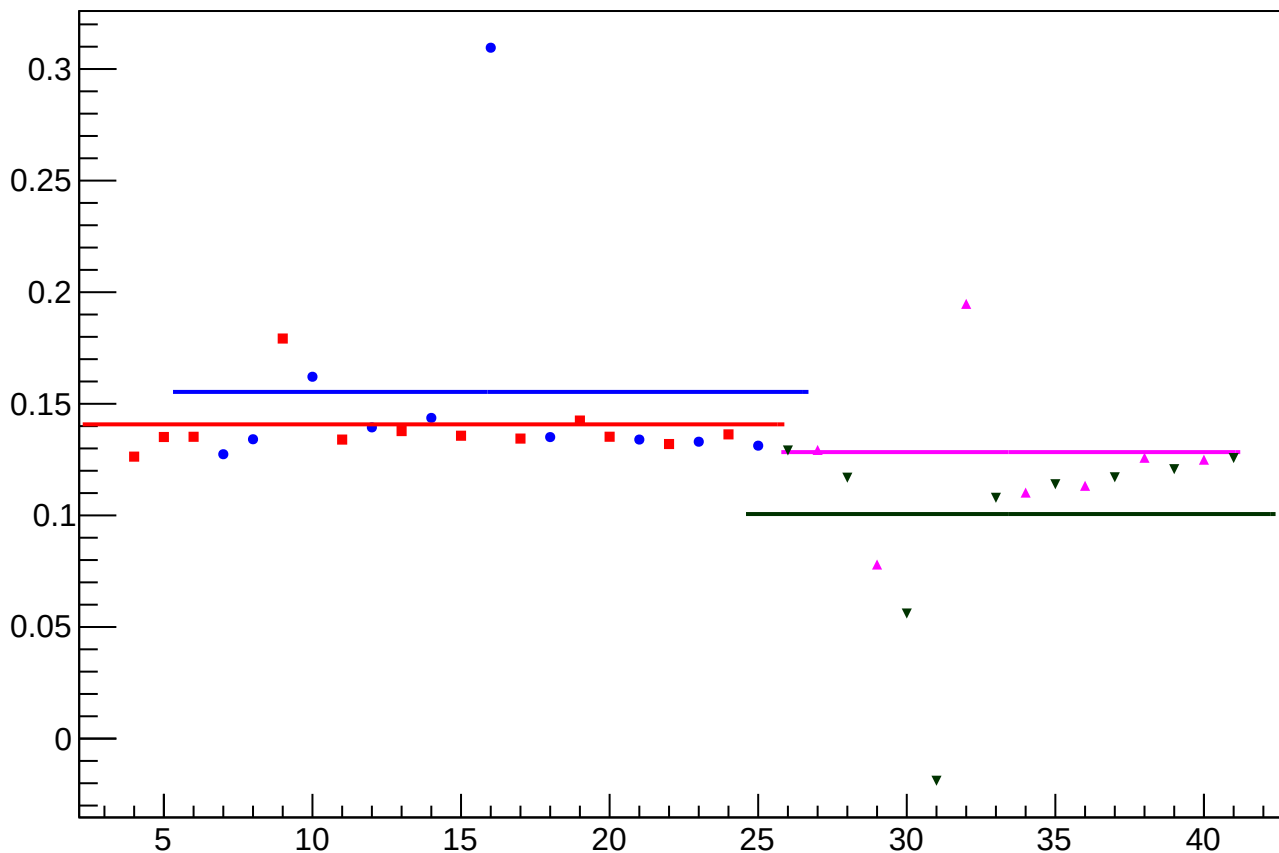
0.003+/-0.000 χ^2/NDF : 75305.7/18

Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

0.003+/-0.000 χ^2/NDF : 42673.3/18

Left In: 0.003+/-0.000 χ^2/NDF :9429.4/6

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.101+/-0.000 χ^2/NDF : 41377557.0/8

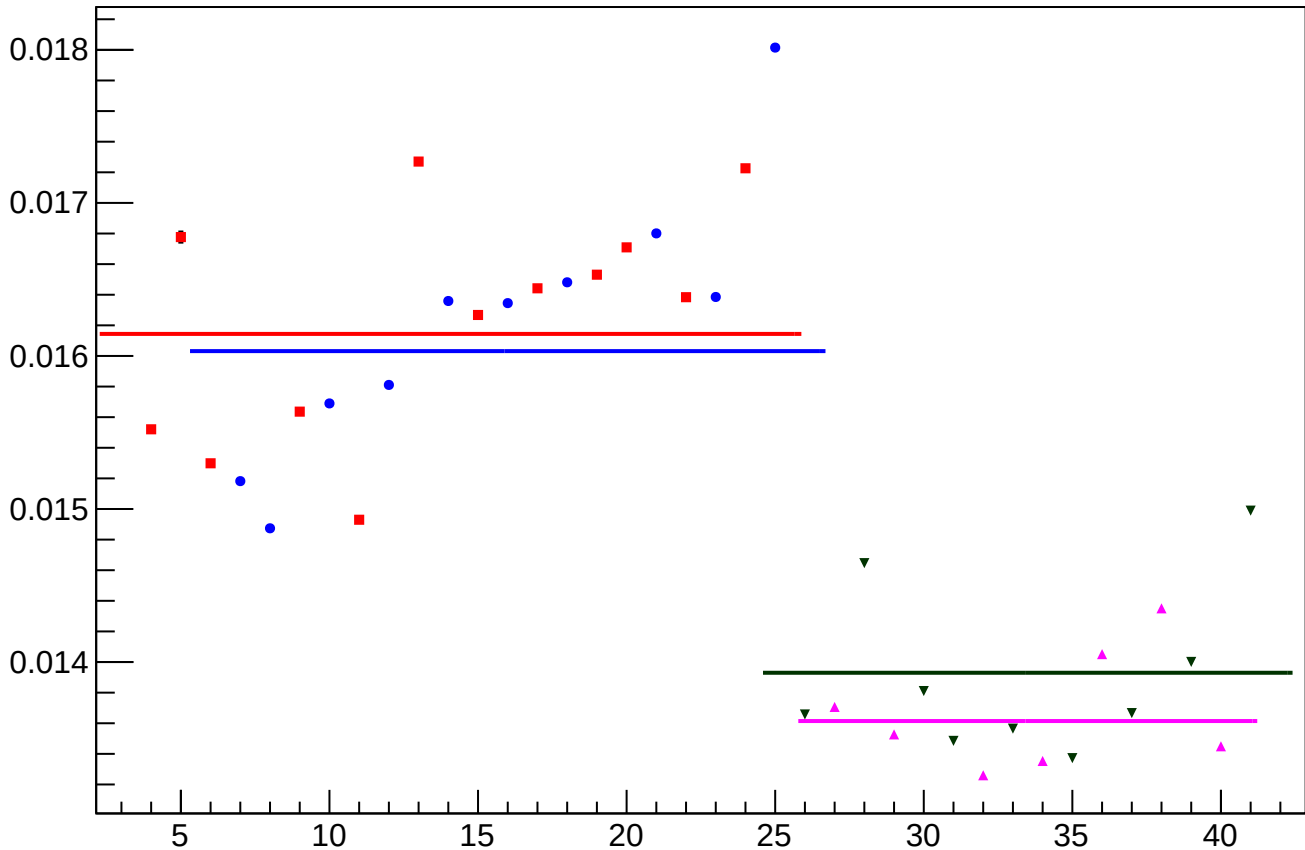
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.128+/-0.000 χ^2/NDF : 35256850.1/6

0.128+/-0.000 χ^2/NDF : 139000475.4/18

0.134+/-0.000 χ^2/NDF : 42575079.4/18

yield_bpm0l08X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 25086.5/9

Left Out: 0.014+/-0.000 χ^2/NDF :13379.7/8

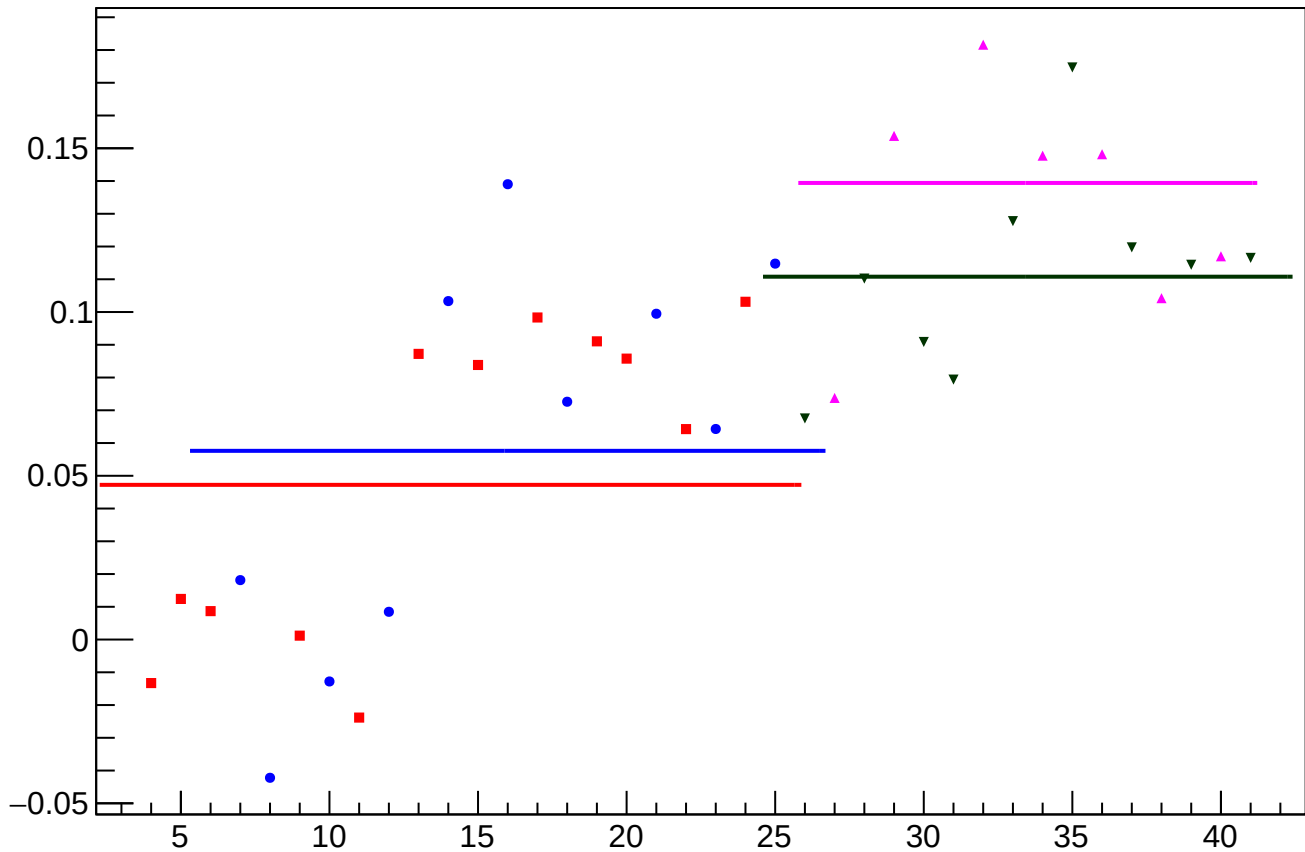
0.015+/-0.000 χ^2/NDF : 147902.6/18

Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

0.015+/-0.000 χ^2/NDF : 187980.5/18

Left In: 0.014+/-0.000 χ^2/NDF :5585.2/6

yield_bpm0l08Y_mean vs slug



Right In: 0.058+/-0.000 χ^2/NDF : 2106835310.3/9

Left Out: 0.111+/-0.000 χ^2/NDF : 325631544.3/8

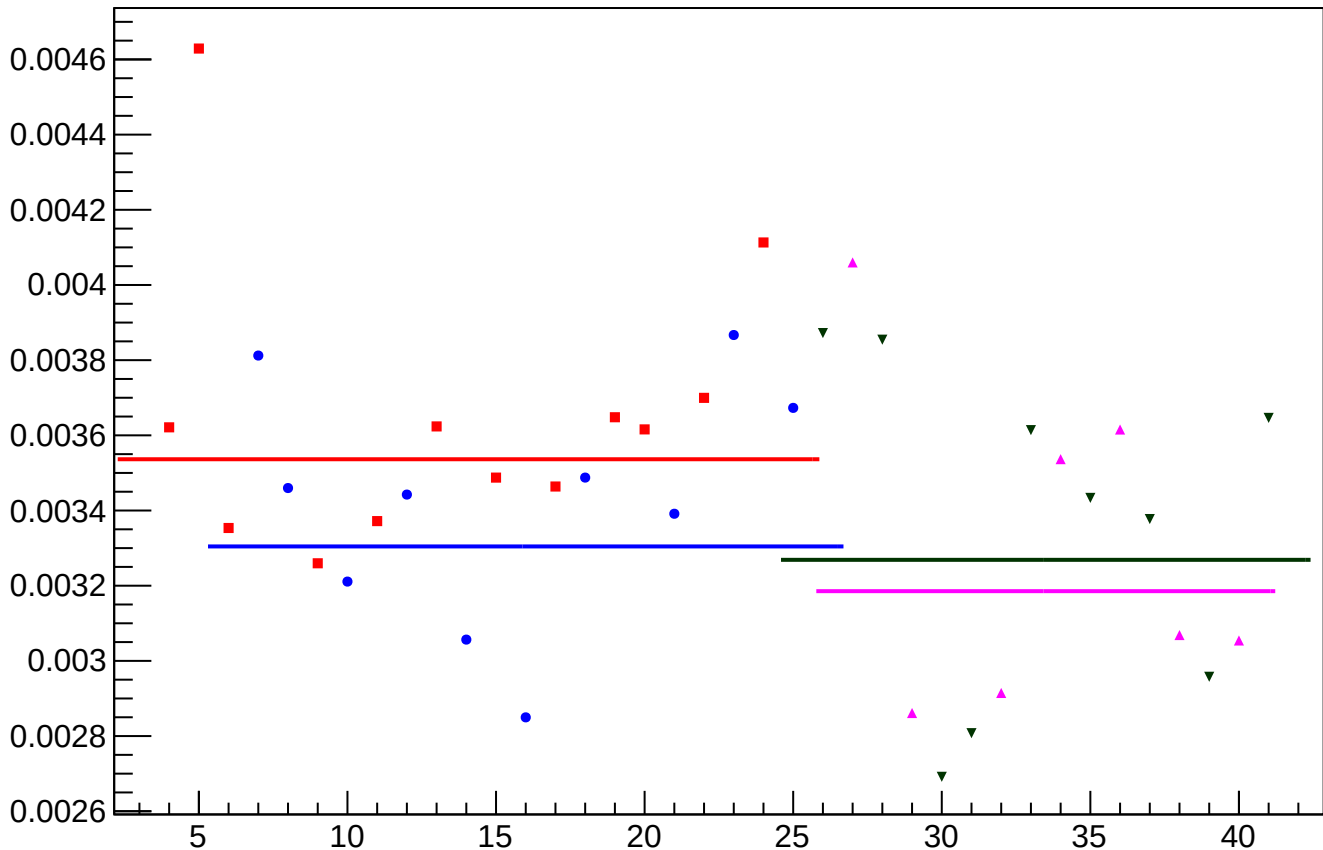
0.081+/-0.000 χ^2/NDF : 3117409413.9/18

Right Out: 0.047+/-0.000 χ^2/NDF : 1076949152.4/11

0.091+/-0.000 χ^2/NDF : 3509079646.8/18

Left In: 0.139+/-0.000 χ^2/NDF : 512833828.1/6

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 88903.2/9

Left Out: 0.003+/-0.000 χ^2/NDF :156861.7/8

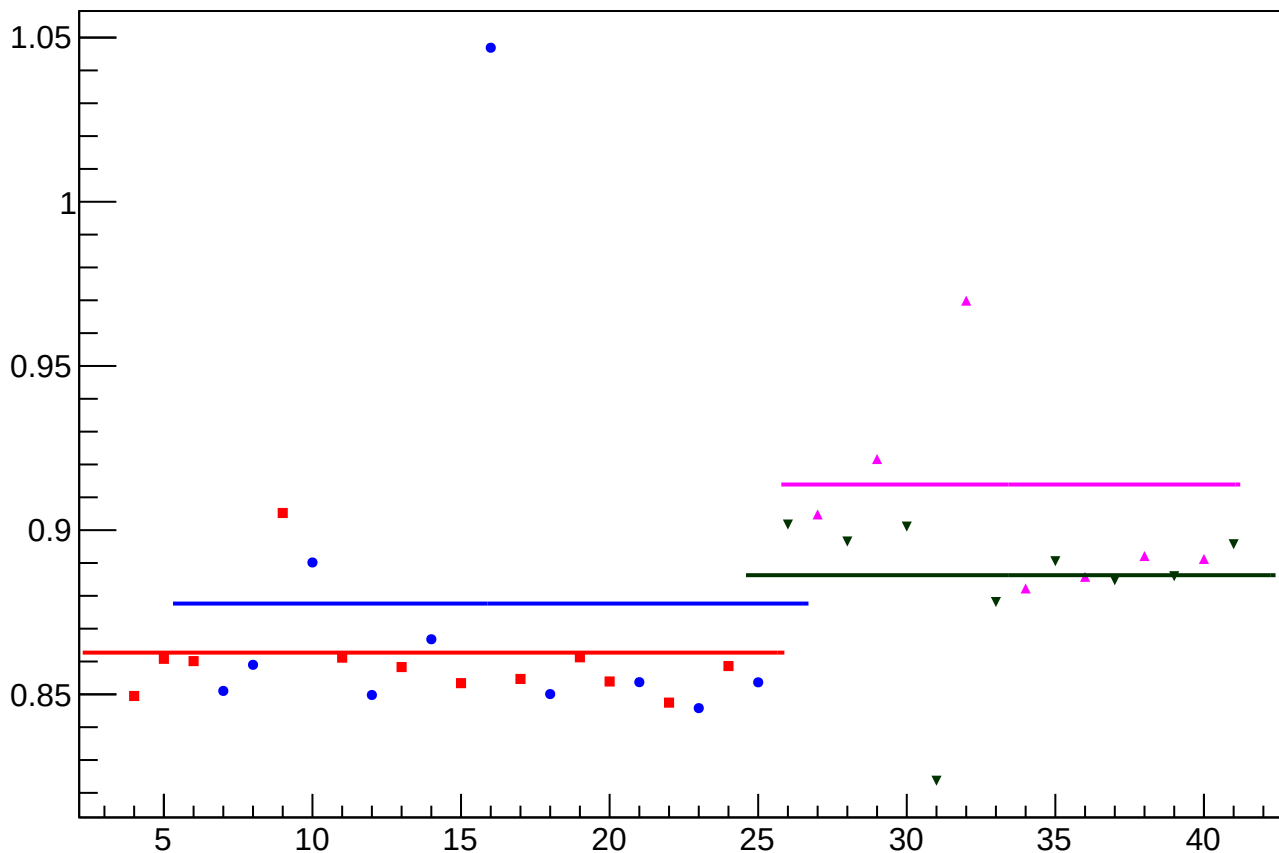
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.003+/-0.000 χ^2/NDF :138714.1/6

0.003+/-0.000 χ^2/NDF : 246380.8/18

0.003+/-0.000 χ^2/NDF : 248422.9/18

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.886+/-0.000 χ^2/NDF :10265938.1/8

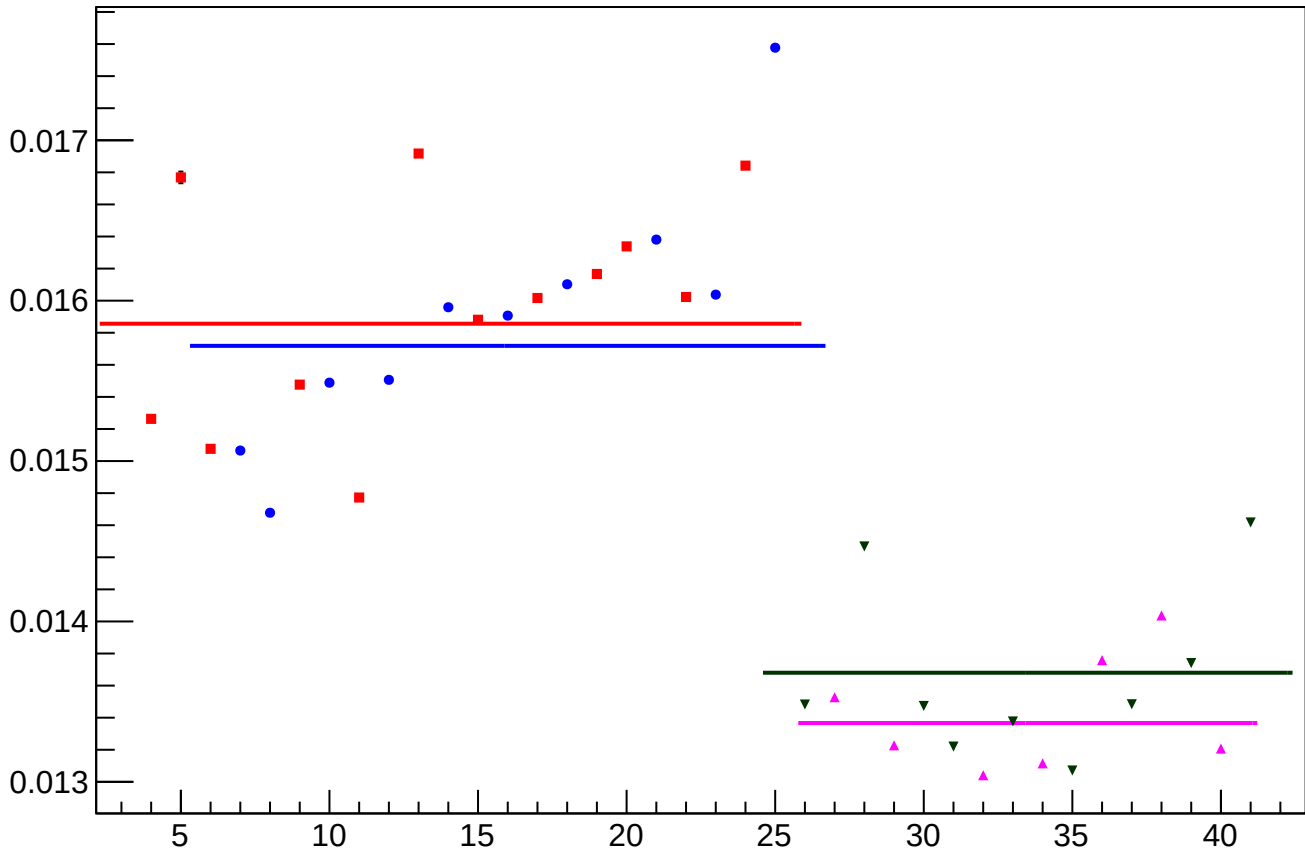
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.914+/-0.000 χ^2/NDF :24452006.1/6

0.882+/-0.000 χ^2/NDF : 89790306.5/18

0.889+/-0.000 χ^2/NDF : 63972697.2/18

yield_bpm0l09X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 20126.2/9

Left Out: 0.014+/-0.000 χ^2/NDF :13302.2/8

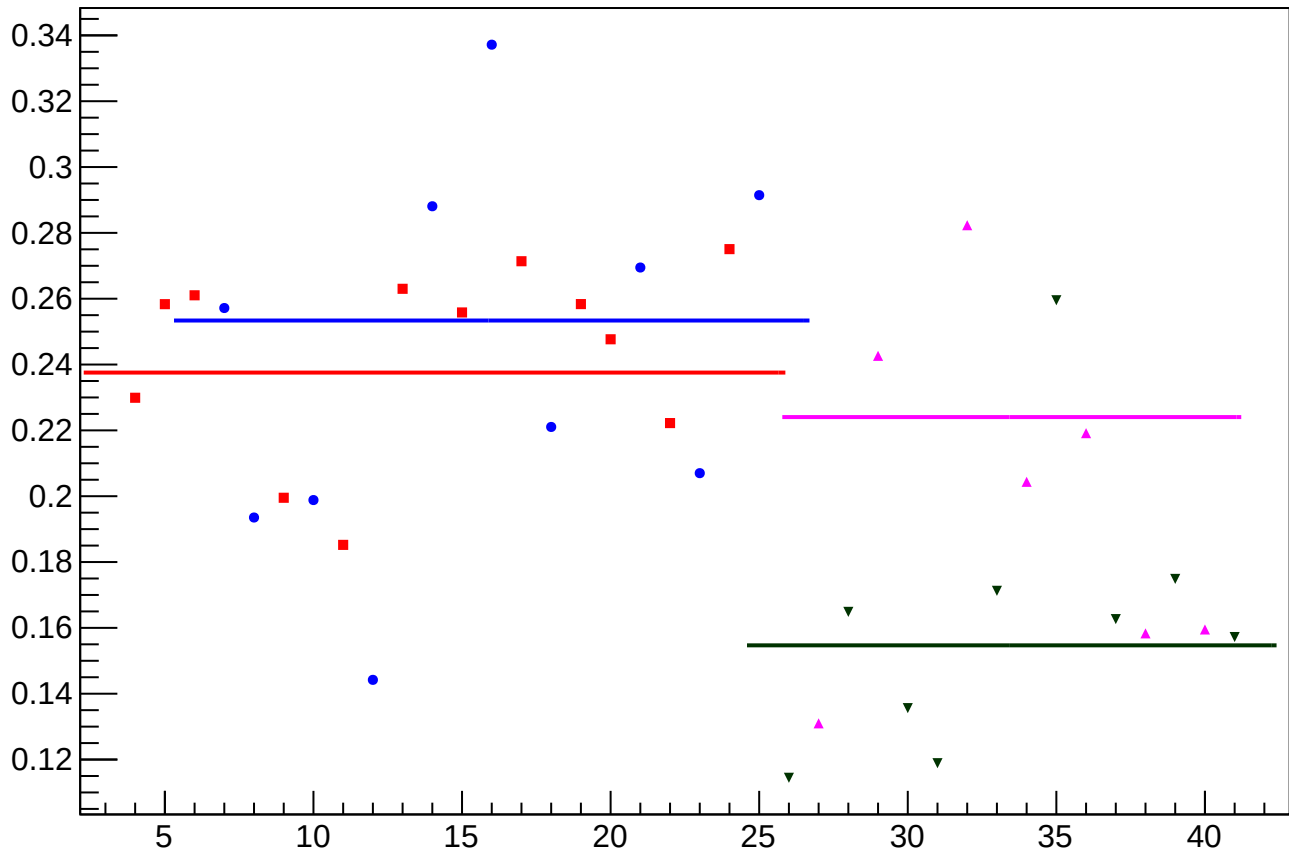
0.015+/-0.000 χ^2/NDF : 140212.6/18

Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

0.015+/-0.000 χ^2/NDF : 183773.7/18

Left In: 0.013+/-0.000 χ^2/NDF :5172.4/6

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.155+/-0.000 χ^2/NDF : 491437179.4/8

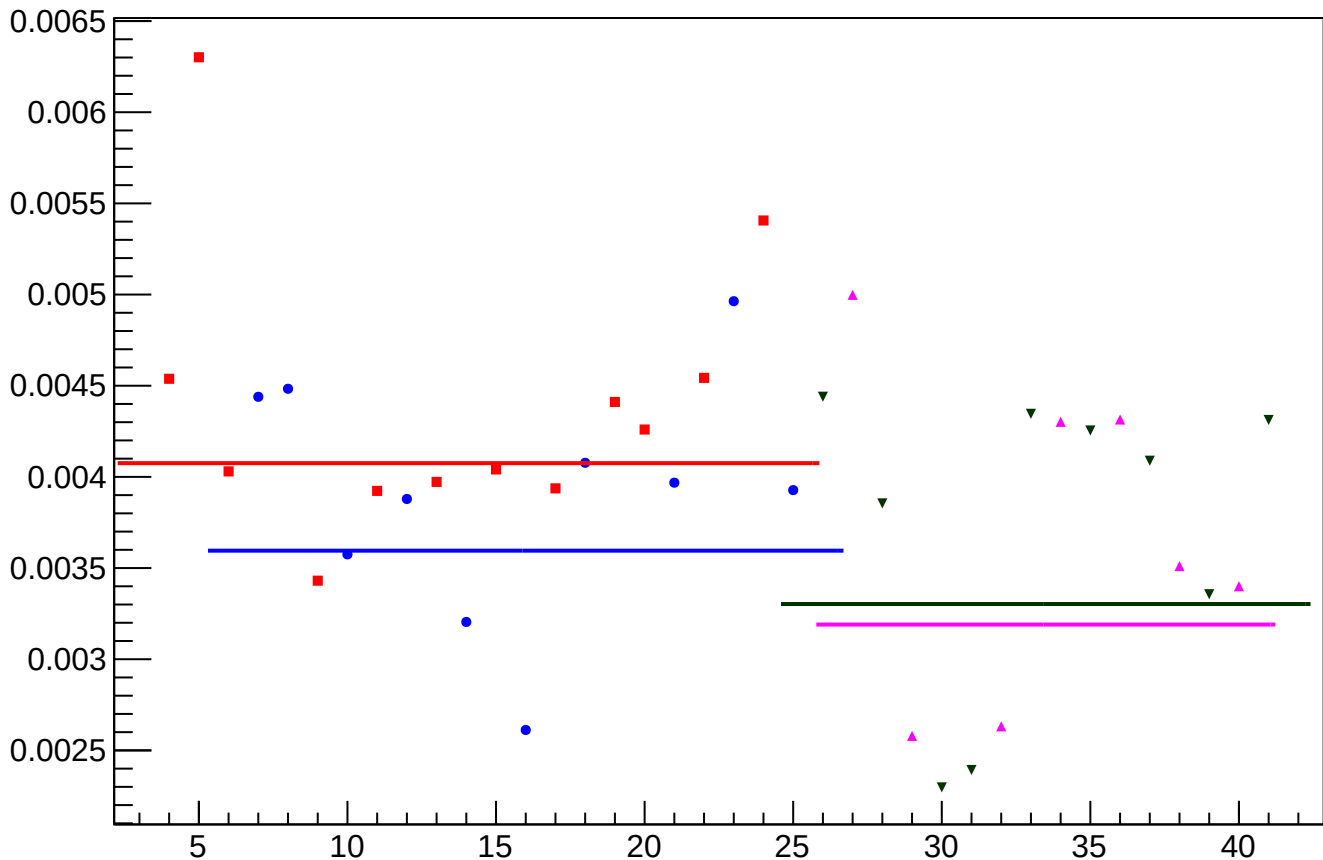
0.208+/-0.000 χ^2/NDF : 4133375635.0/18

Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

0.230+/-0.000 χ^2/NDF : 1436673243.8/18

Left In: 0.224+/-0.000 χ^2/NDF : 1064479945.8/6

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 390761.3/9

Left Out: 0.003+/-0.000 χ^2/NDF : 586409.4/8

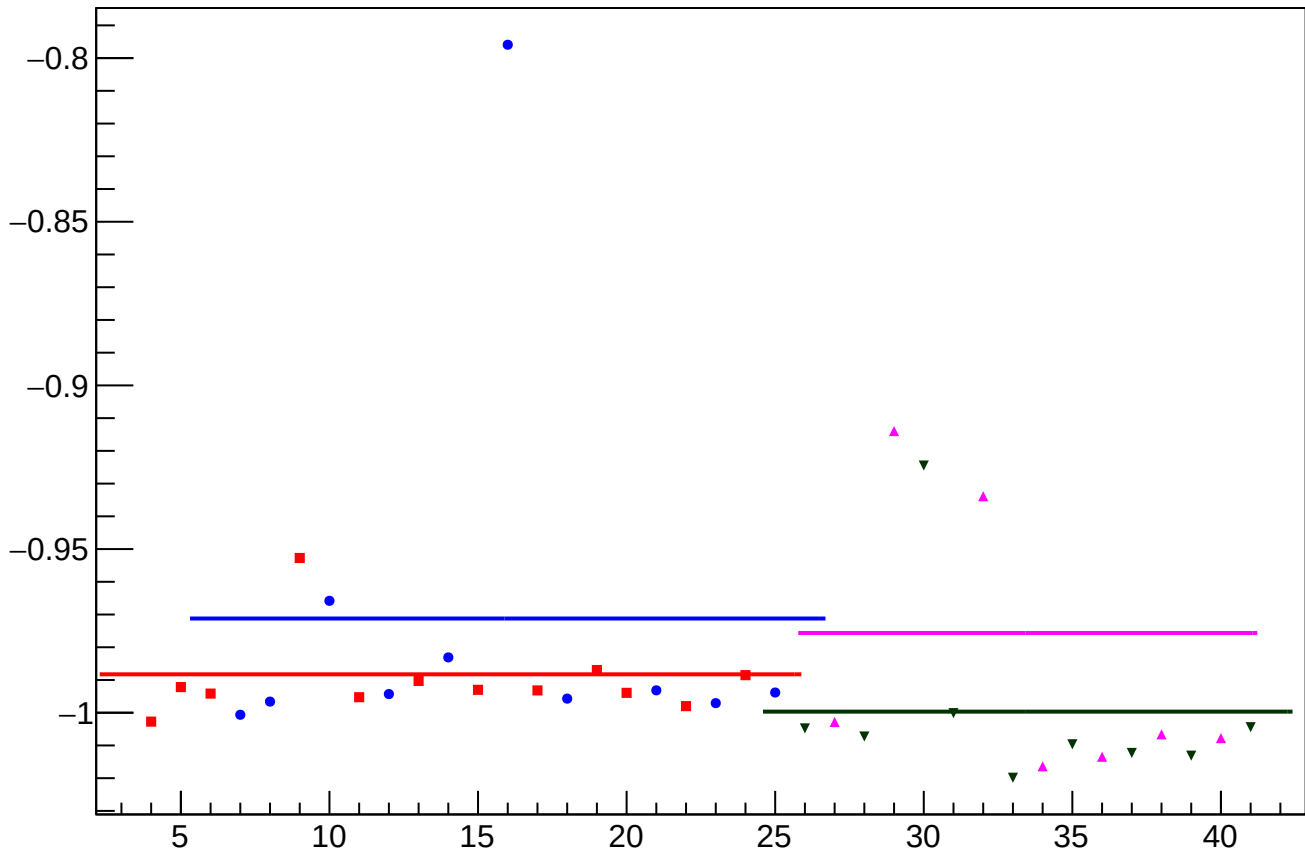
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 507382.0/6

0.003+/-0.000 χ^2/NDF : 1012922.9/18

0.004+/-0.000 χ^2/NDF : 959752.5/18

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -1.000+/-0.000 χ^2/NDF : 20884852.8/8

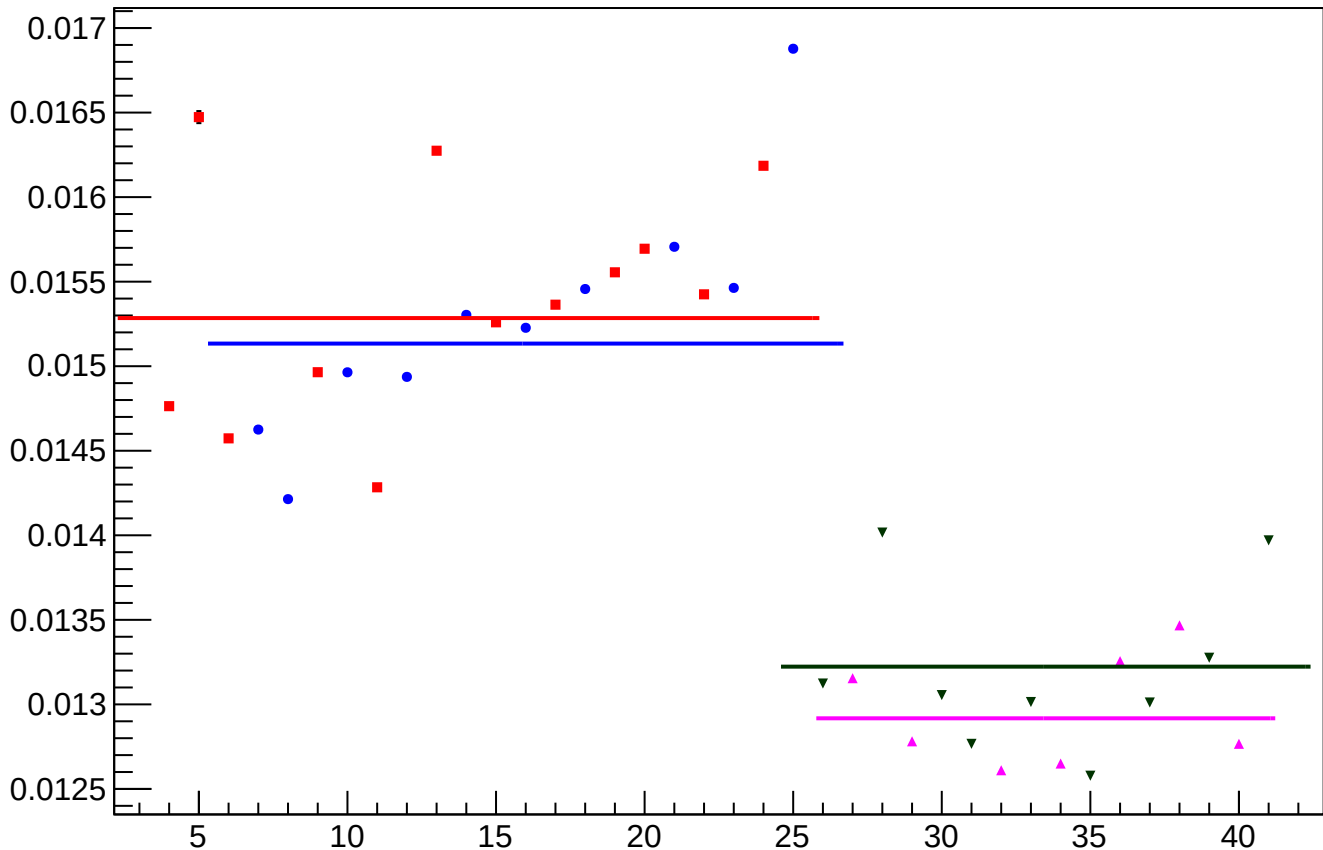
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.976+/-0.000 χ^2/NDF : 47766406.7/6

-0.986+/-0.000 χ^2/NDF : 121961159.5/18

-0.982+/-0.000 χ^2/NDF : 55088566.9/18

yield_bpm0l10X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 16984.1/9

Left Out: 0.013+/-0.000 χ^2/NDF :12246.3/8

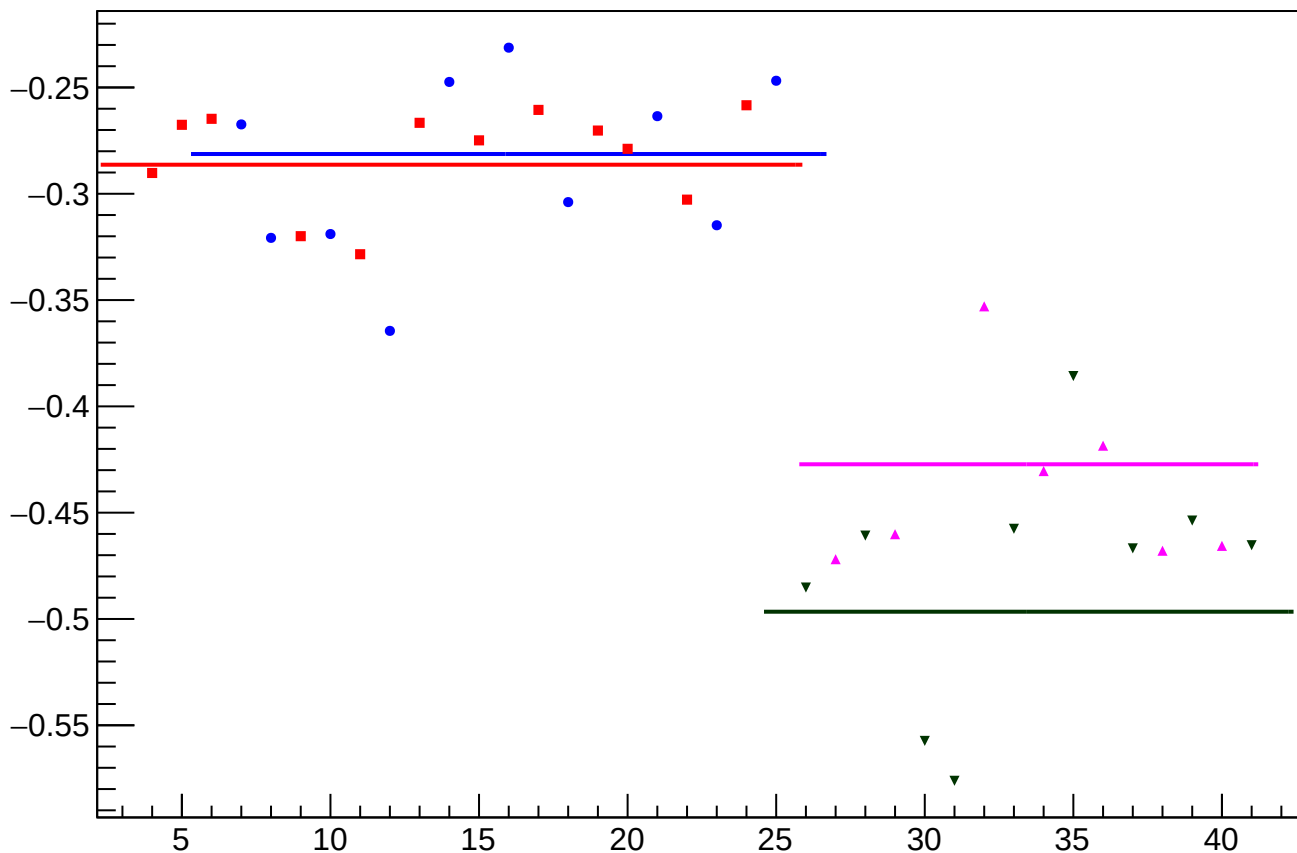
0.014+/-0.000 χ^2/NDF : 129942.0/18

Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

0.014+/-0.000 χ^2/NDF : 176546.5/18

Left In: 0.013+/-0.000 χ^2/NDF :4711.0/6

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.497+/-0.000 χ^2/NDF : 1537077578.5/8

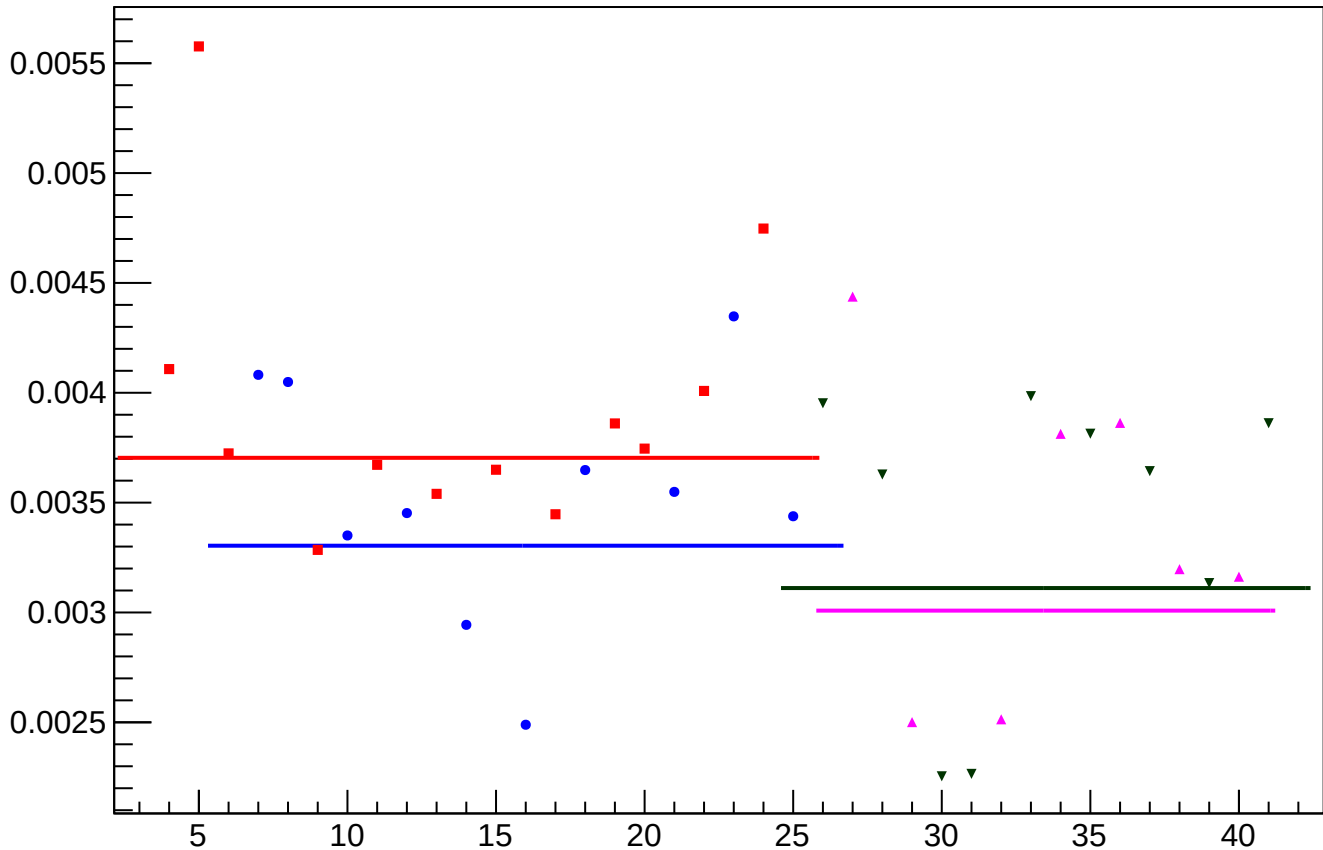
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.427+/-0.000 χ^2/NDF : 1081601547.4/6

-0.379+/-0.000 χ^2/NDF : 13885804180.6/18

-0.359+/-0.000 χ^2/NDF : 5697301226.7/18

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 307709.2/9

Left Out: 0.003+/-0.000 χ^2/NDF : 458814.4/8

0.003+/-0.000 χ^2/NDF : 784751.8/18

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

0.003+/-0.000 χ^2/NDF : 719172.0/18

Left In: 0.003+/-0.000 χ^2/NDF : 388236.1/6