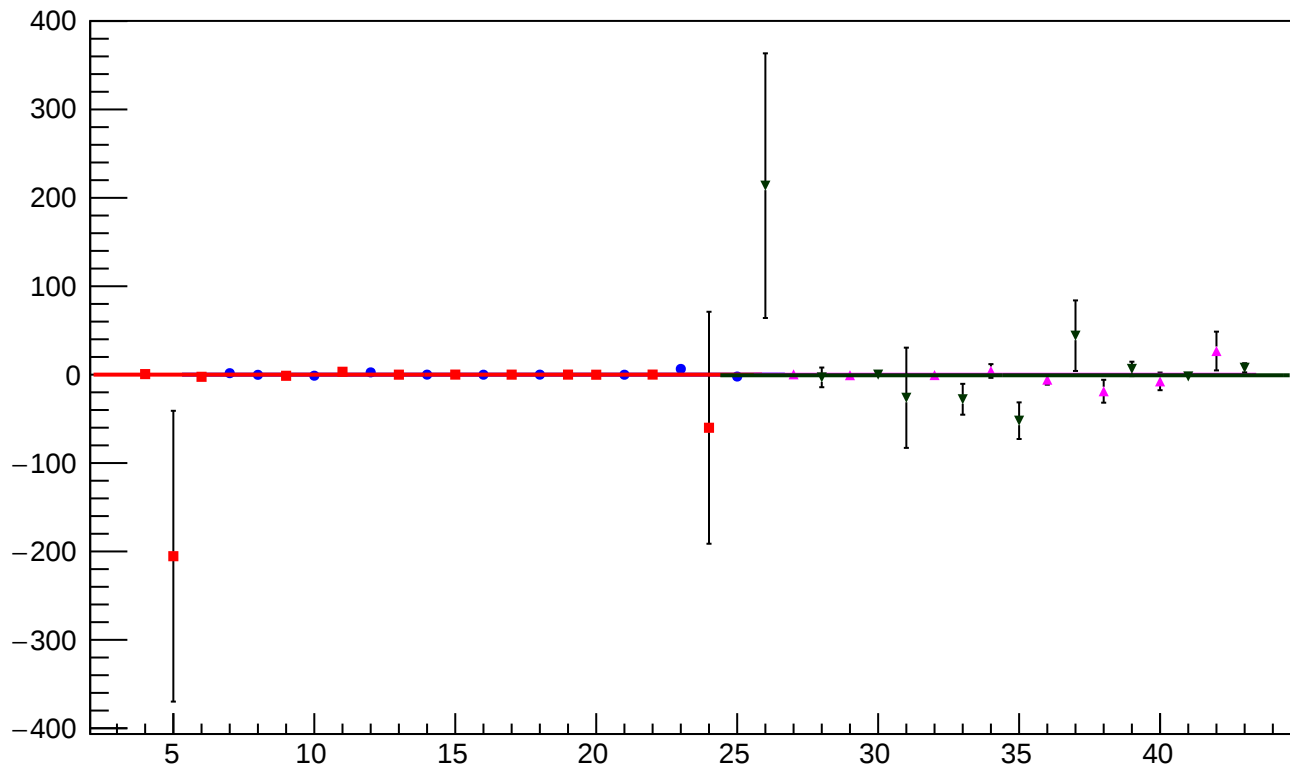


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -0.705 ± 1.554

Right Out: 0.017 ± 0.016

Left In: -0.118 ± 0.170

χ^2/NDF : 18.0/9

χ^2/NDF : 16.1/9

χ^2/NDF : 19.3/11

χ^2/NDF : 13.4/7

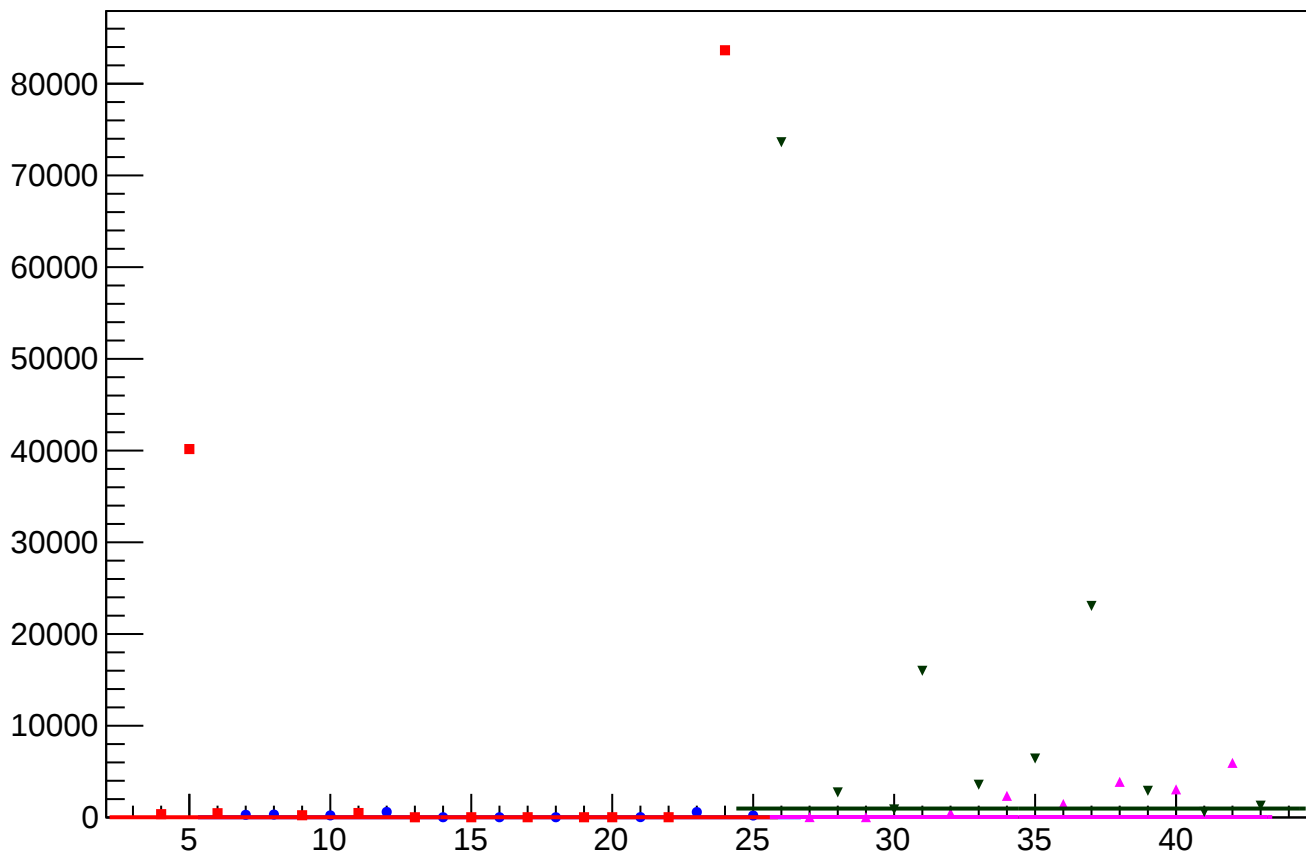
-0.014 ± 0.014

0.016 ± 0.016

χ^2/NDF : 34.2/19

χ^2/NDF : 33.4/19

diff_cav4bX_rms vs slug



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

Left Out: 971.291+/-1.099 χ^2/NDF :1644176.9/9

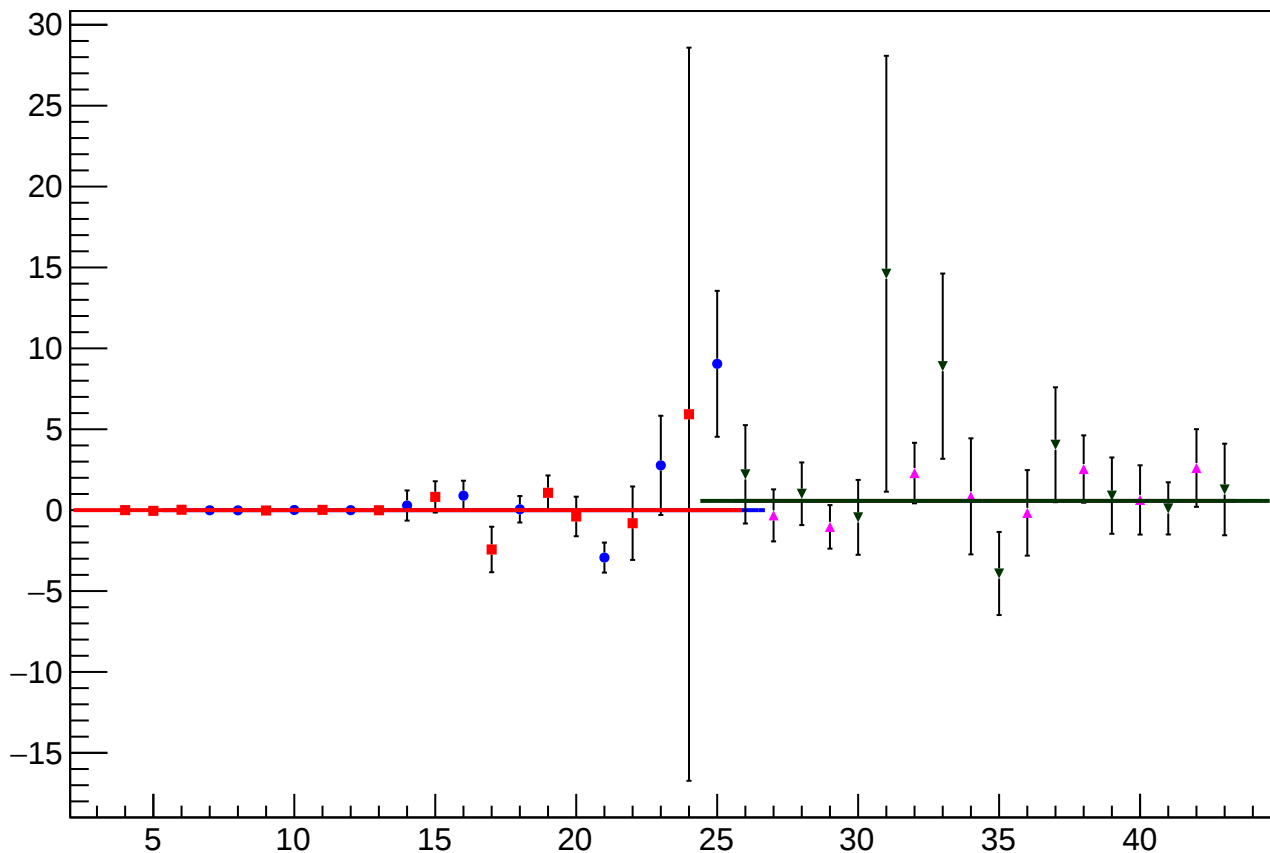
Right Out: 22.575+/-0.011 χ^2/NDF : 1409994.7/11

Left In: 50.209+/-0.120 χ^2/NDF :1048114.1/7

22.479+/-0.010 χ^2/NDF : 3160590.4/19

22.823+/-0.011 χ^2/NDF : 2510693.4/19

diff_cav4bY_mean vs slug



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

Left Out: 0.573+/-0.812 χ^2 /NDF:7.9/9

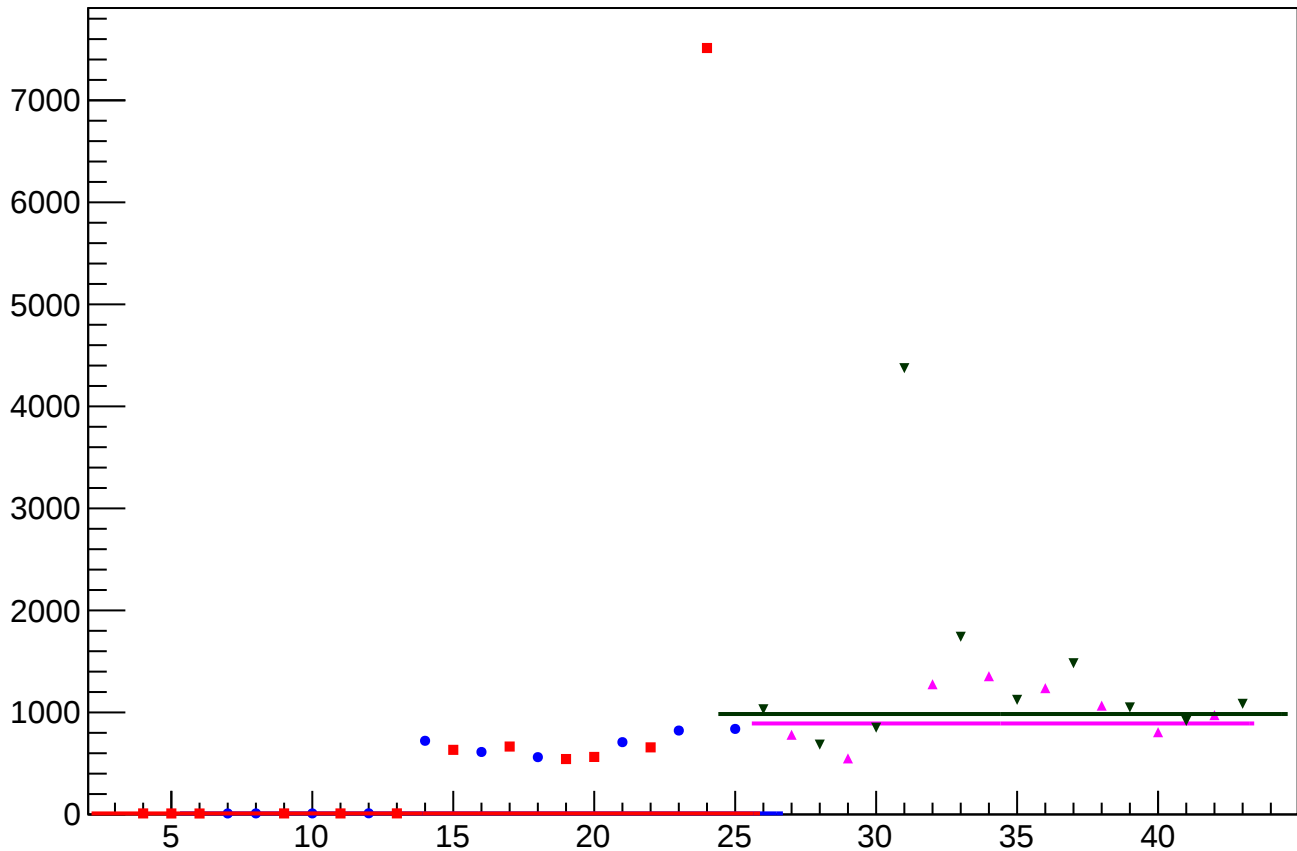
Right Out: 0.002+/-0.005 χ^2 /NDF: 17.0/11

Left In: 0.571+/-0.696 χ^2 /NDF:4.3/7

-0.001+/-0.006 χ^2 /NDF: 26.6/19

0.002+/-0.005 χ^2 /NDF: 21.9/19

diff_cav4bY_rms vs slug



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

Left Out: 984.552+/-0.574 χ^2/NDF : 269608.6/9

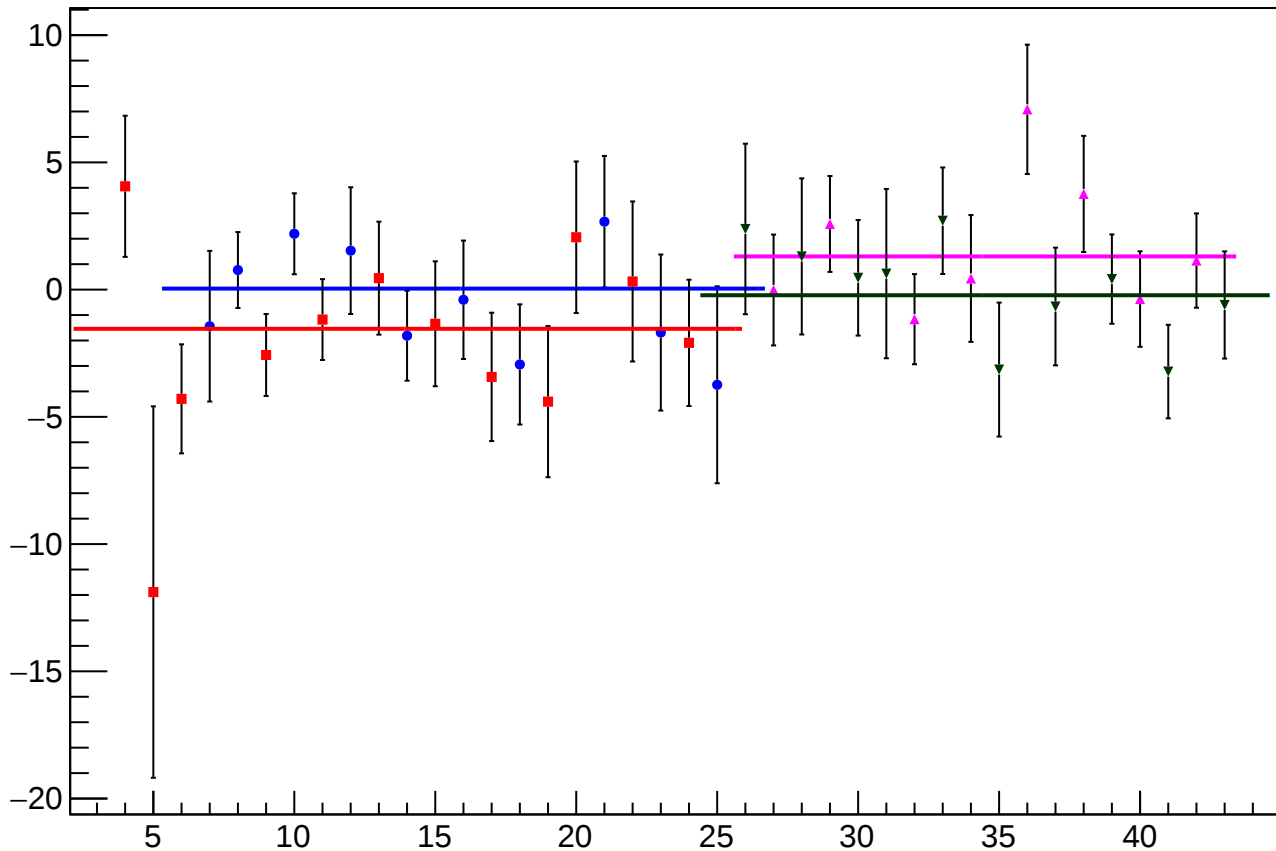
10.552+/-0.005 χ^2/NDF : 7428149.1/19

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

10.128+/-0.004 χ^2/NDF : 6088316.4/19

Left In: 891.879+/-0.492 χ^2/NDF : 310383.6/7

diff_cav4cX_mean vs slug



Right In: 0.040 ± 0.686 $\chi^2/\text{NDF}: 7.7/9$

Left Out: -0.221 ± 0.728 $\chi^2/\text{NDF}: 7.1/9$

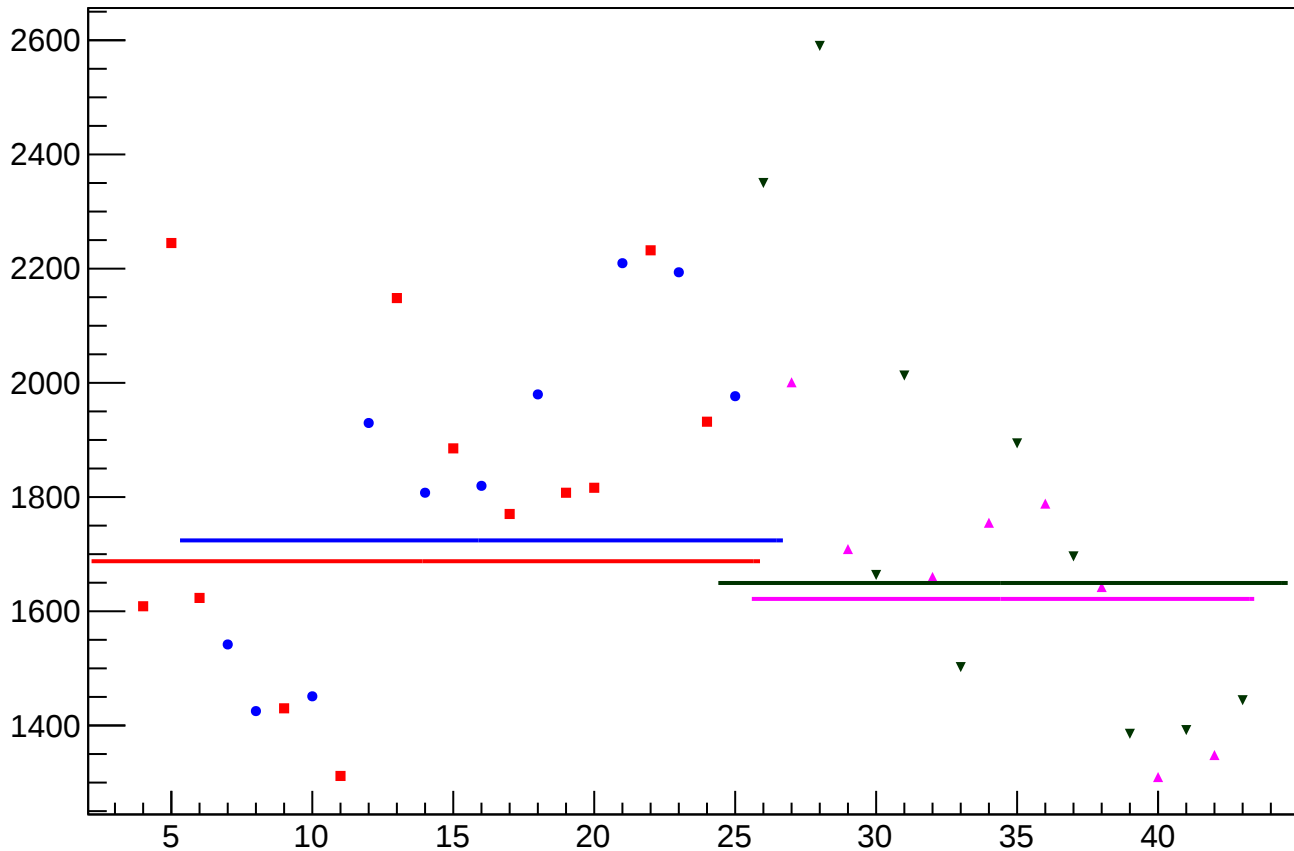
Right Out: -1.539 ± 0.680 $\chi^2/\text{NDF}: 12.4/11$

Left In: 1.304 ± 0.727 $\chi^2/\text{NDF}: 10.0/7$

-0.083 ± 0.499 $\chi^2/\text{NDF}: 14.8/19$

-0.212 ± 0.496 $\chi^2/\text{NDF}: 30.5/19$

diff_cav4cX_rms vs slug



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

Left Out: 1649.544+/-0.515 χ^2/NDF : 430962.0/9

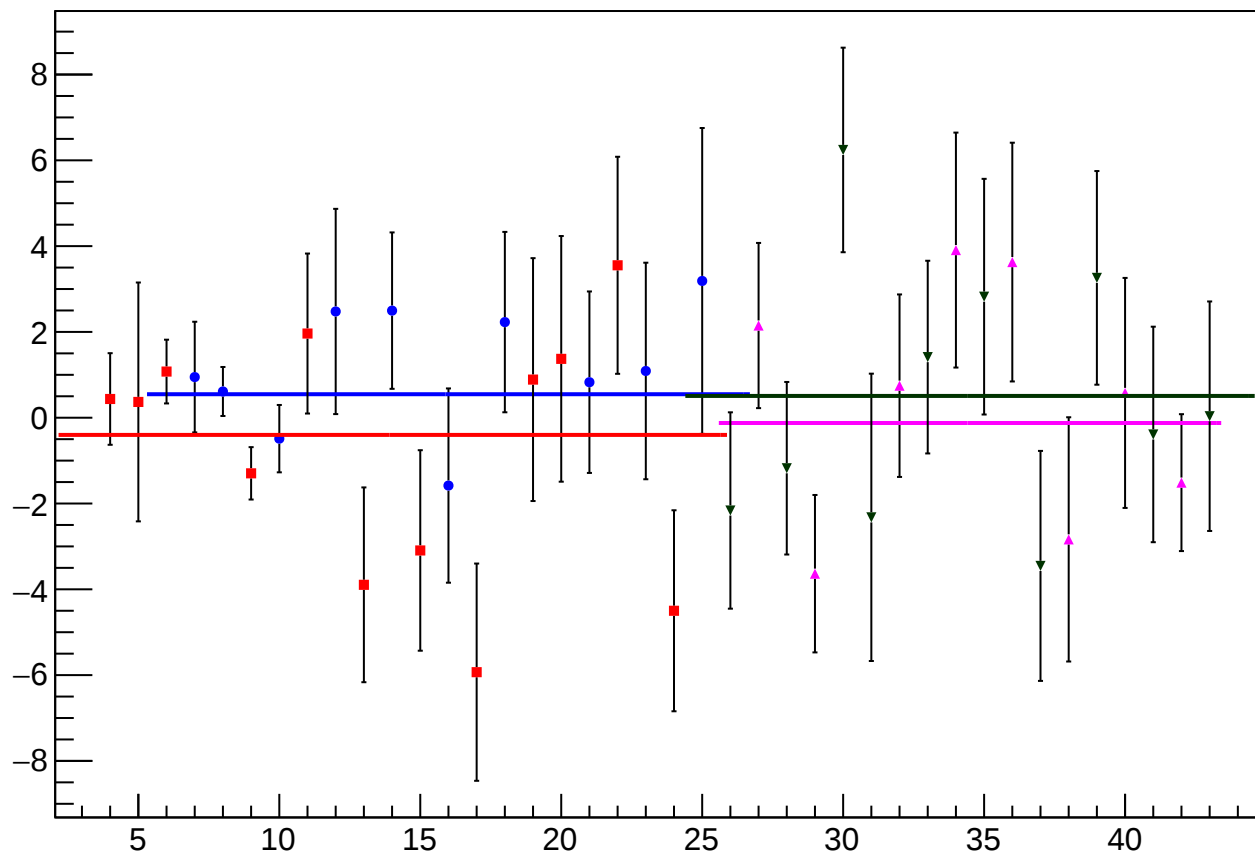
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

Left In: 1621.637+/-0.514 χ^2/NDF : 179286.8/7

1689.070+/-0.353 χ^2/NDF : 759798.6/19

1656.834+/-0.351 χ^2/NDF : 554092.7/19

diff_cav4cY_mean vs slug



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

Left Out: 0.508 ± 0.783 χ^2/NDF : 13.0/9

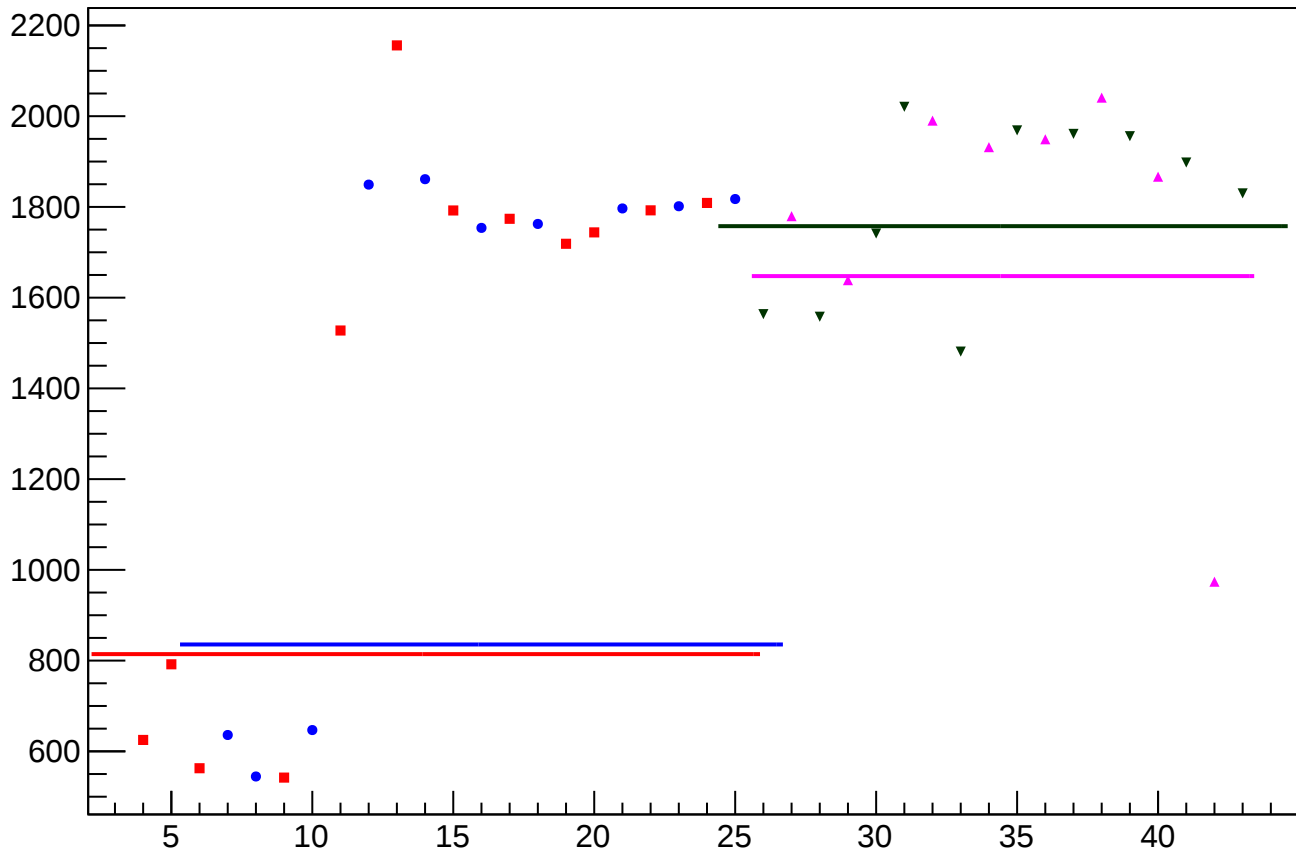
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: -0.123 ± 0.766 χ^2/NDF : 10.9/7

0.540 ± 0.348 χ^2/NDF : 18.8/19

-0.346 ± 0.341 χ^2/NDF : 34.0/19

diff_cav4cY_rms vs slug



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

Left Out: 1757.602+/-0.553 χ^2/NDF :120517.6/9

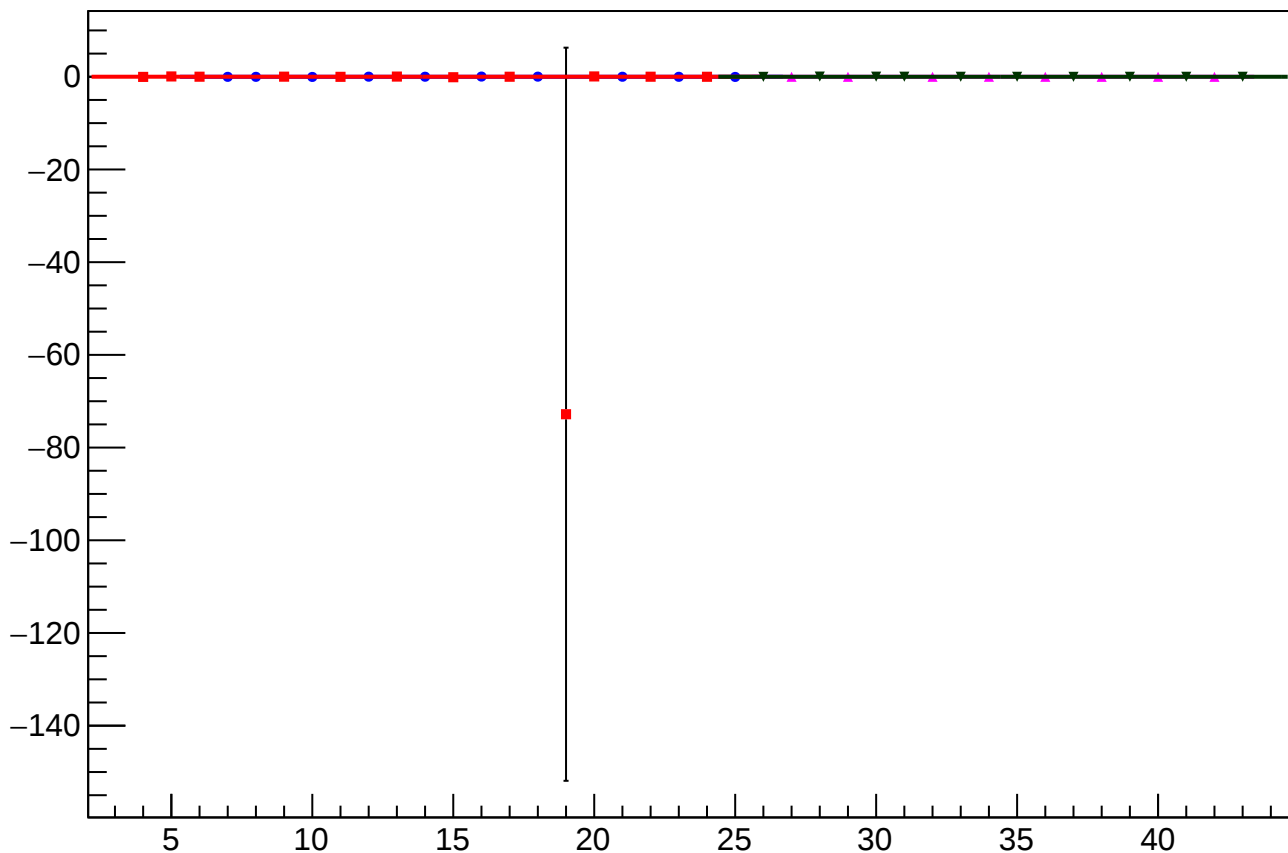
1017.419+/-0.246 χ^2/NDF : 5598805.0/19

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

979.328+/-0.241 χ^2/NDF : 5806048.3/19

Left In: 1647.524+/-0.541 χ^2/NDF :514424.2/7

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: 8.6/9

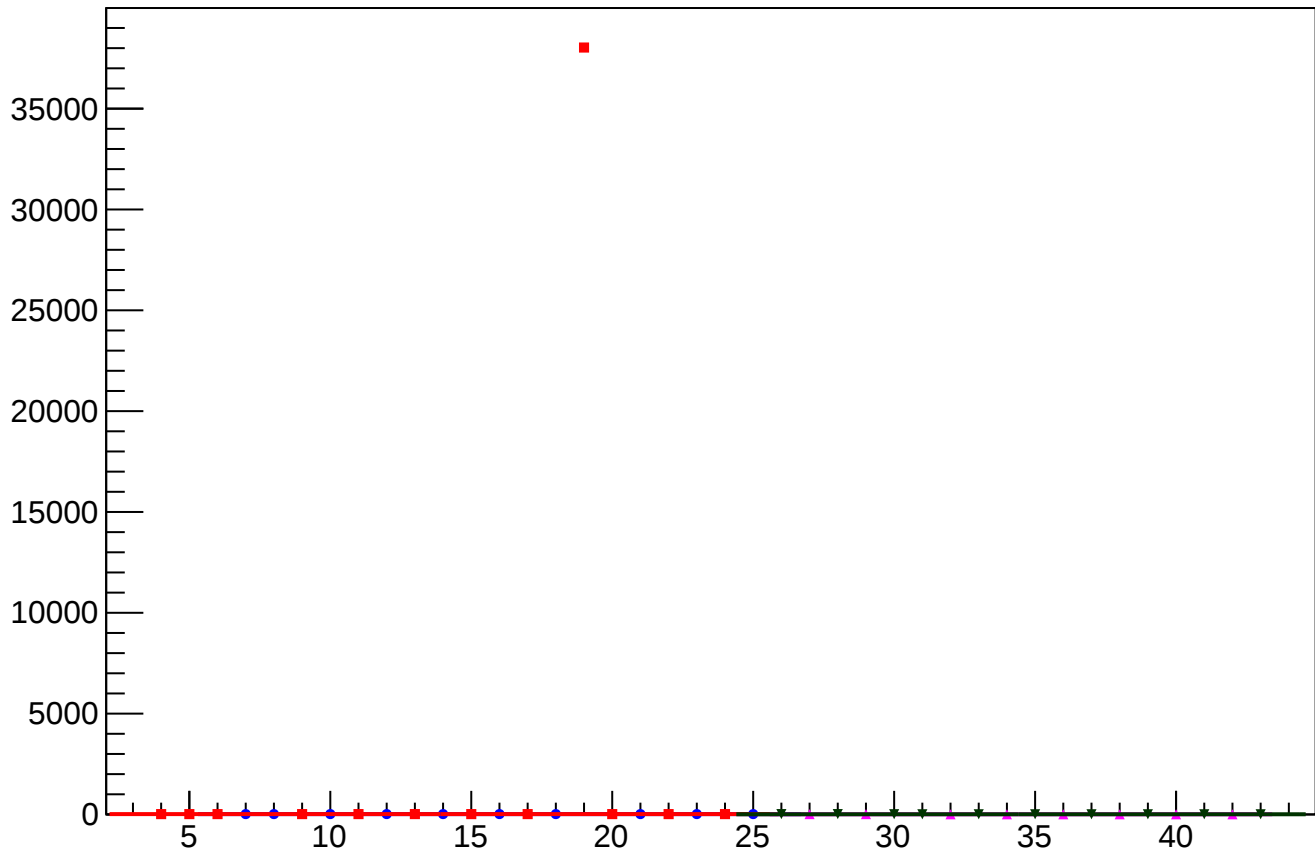
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.1/7

-0.000 $\pm$ 0.004 χ^2 /NDF: 15.1/19

0.000 $\pm$ 0.004 χ^2 /NDF: 14.8/19

diff_cav4dX_rms vs slug



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

Left Out: 9.339 $\pm$ 0.003 χ^2 /NDF: 592494.4/9

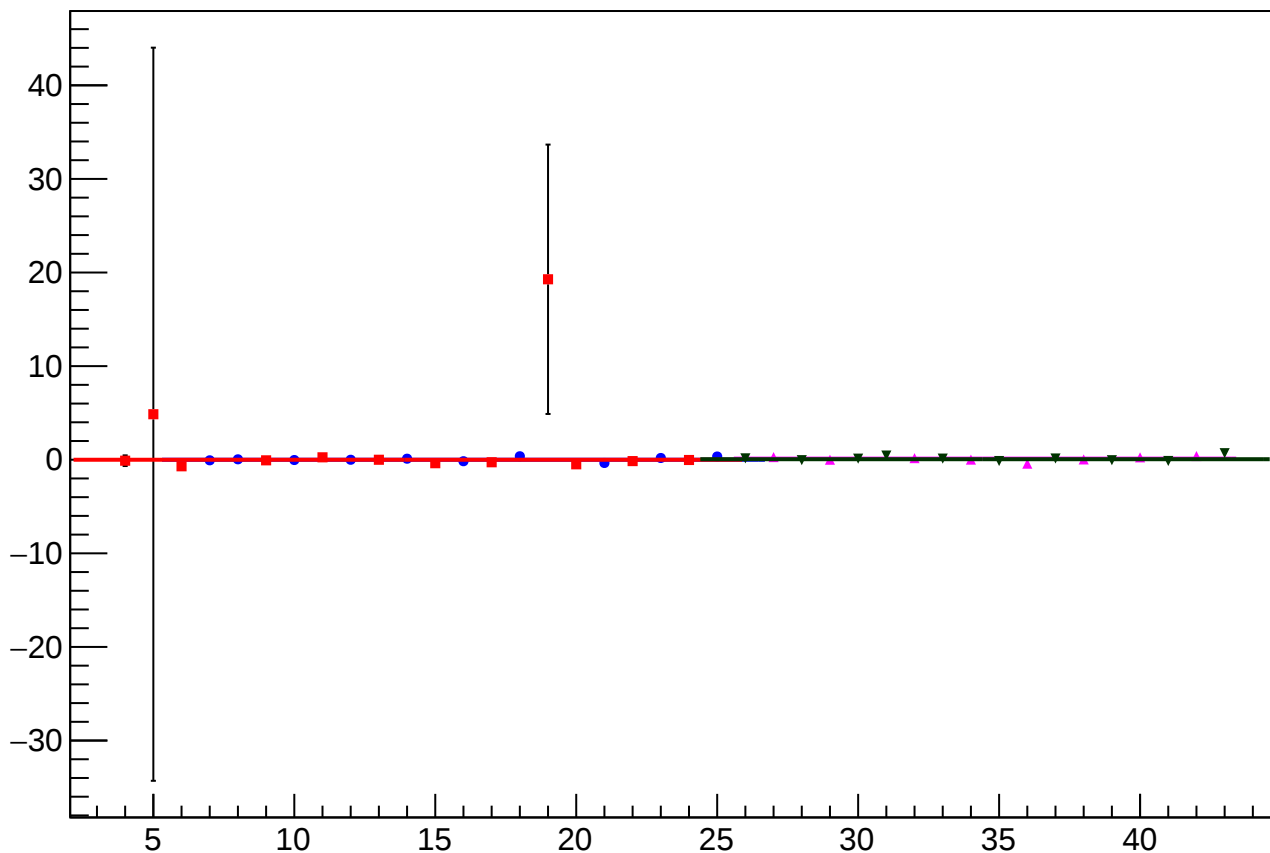
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 9.476 $\pm$ 0.003 χ^2 /NDF: 743888.6/7

11.155 $\pm$ 0.003 χ^2 /NDF: 2268299.1/19

11.358 $\pm$ 0.003 χ^2 /NDF: 2786434.7/19

diff_cav4dY_mean vs slug



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

Left Out: 0.055+/-0.058 χ^2 /NDF:11.5/9

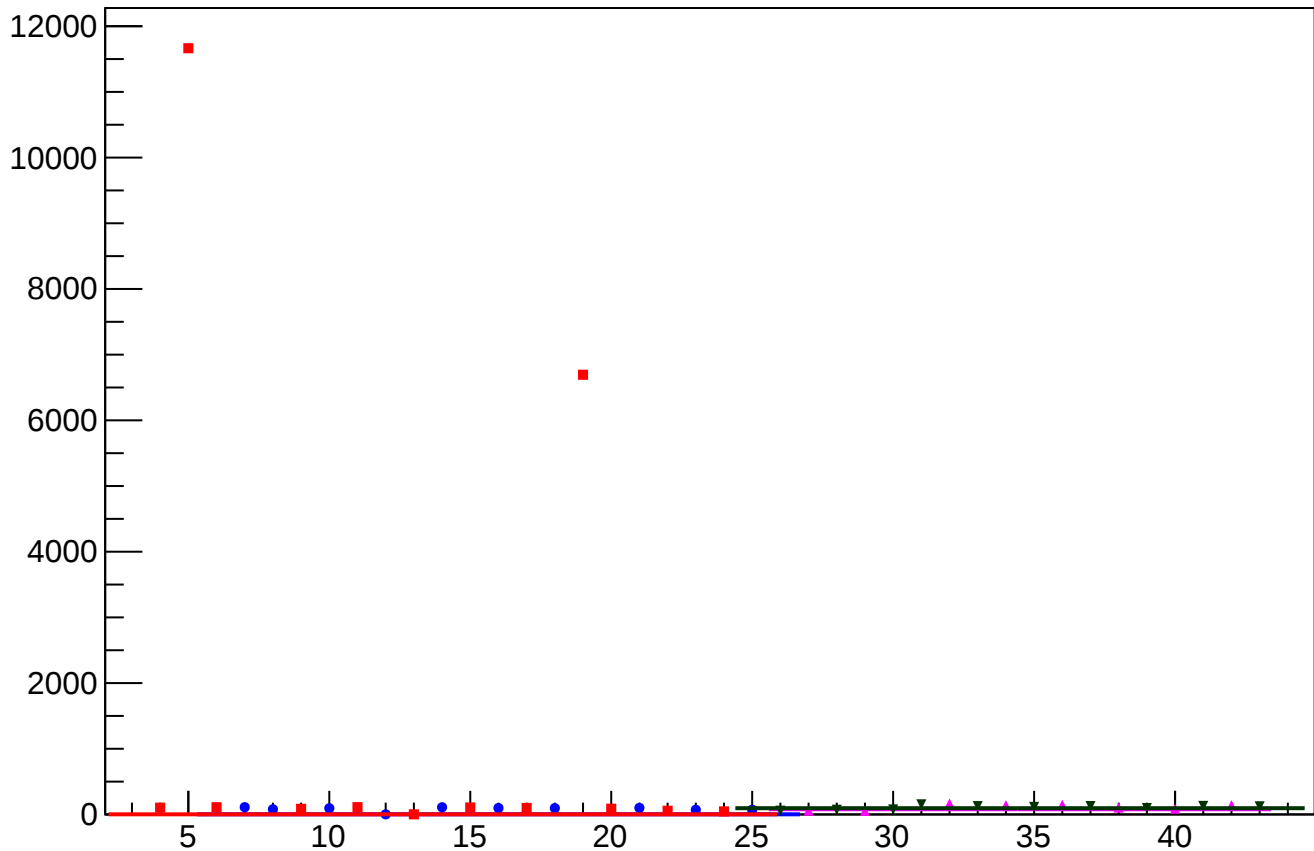
Right Out: -0.003+/-0.003 χ^2 /NDF: 12.3/11

Left In: 0.121+/-0.055 χ^2 /NDF:9.5/7

-0.002+/-0.003 χ^2 /NDF: 27.5/19

-0.002+/-0.003 χ^2 /NDF: 26.8/19

diff_cav4dY_rms vs slug



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

Left Out: 95.280+/-0.041 χ^2/NDF : 442454.1/9

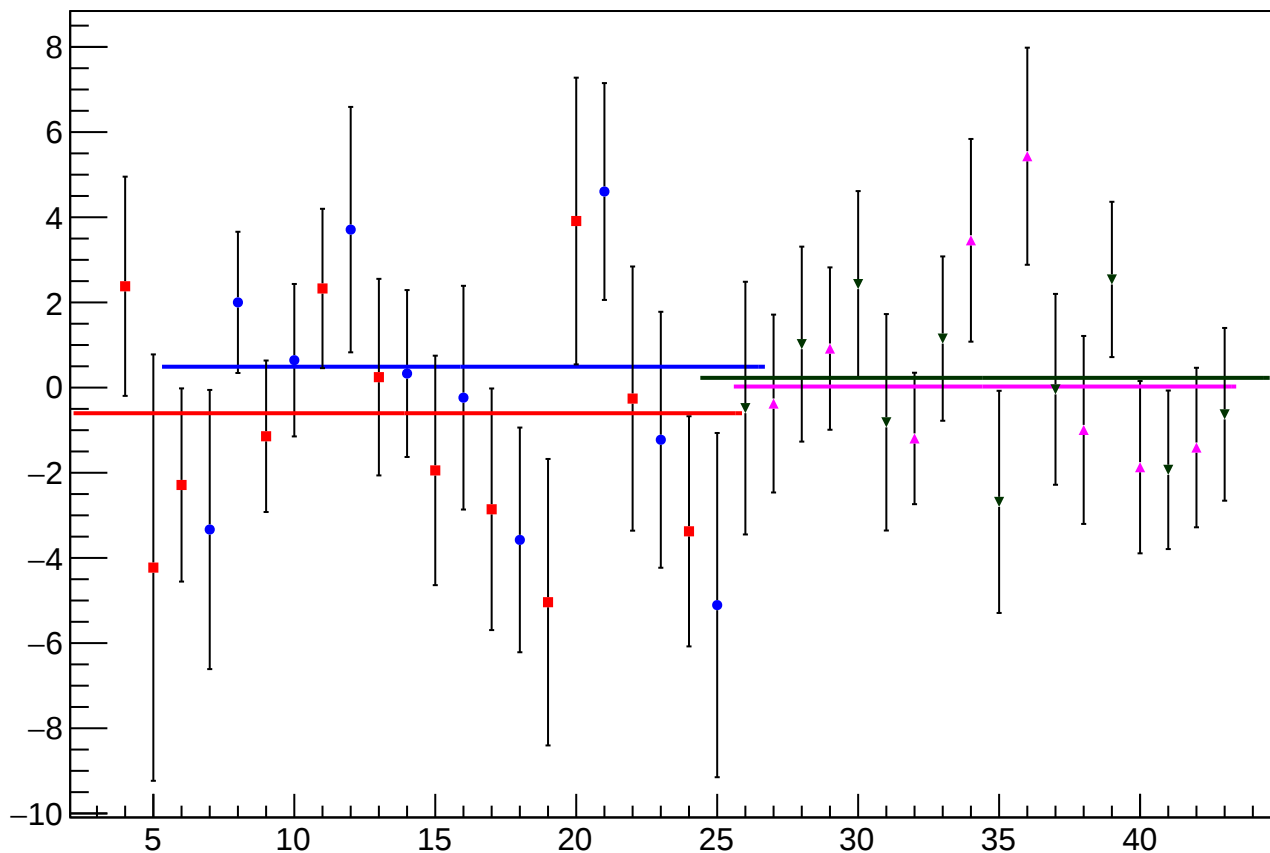
Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

Left In: 79.041+/-0.039 χ^2/NDF : 871491.7/7

2.396+/-0.002 χ^2/NDF : 11430308.0/19

2.291+/-0.002 χ^2/NDF : 9053423.3/19

diff_bpm4aX_mean vs slug



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

Left Out: 0.229 ± 0.687 χ^2/NDF : 6.0/9

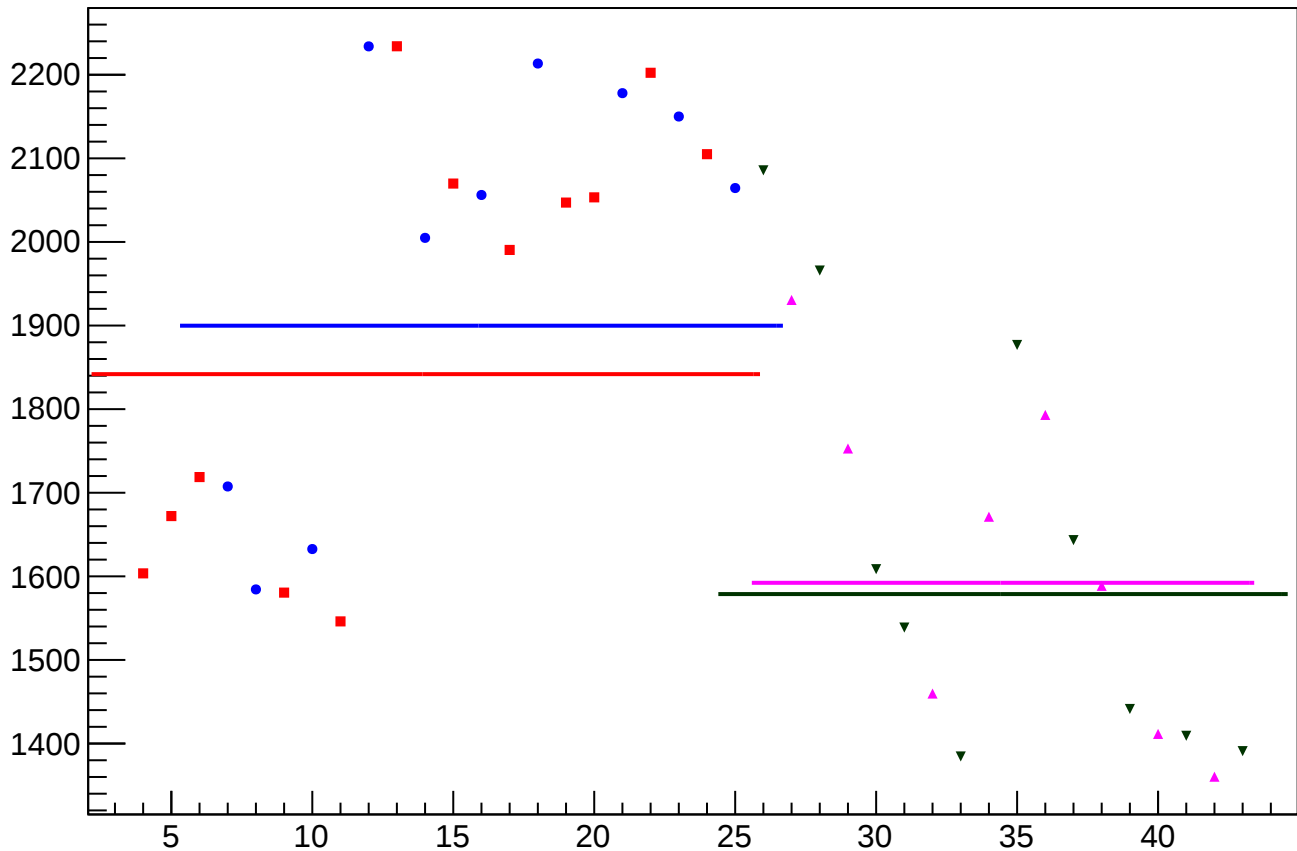
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

Left In: 0.025 ± 0.709 χ^2/NDF : 9.1/7

0.348 ± 0.508 χ^2/NDF : 16.8/19

-0.278 ± 0.510 χ^2/NDF : 20.1/19

diff_bpm4aX_rms vs slug



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

Left Out: 1578.790+/-0.486 χ^2/NDF : 209553.9/9

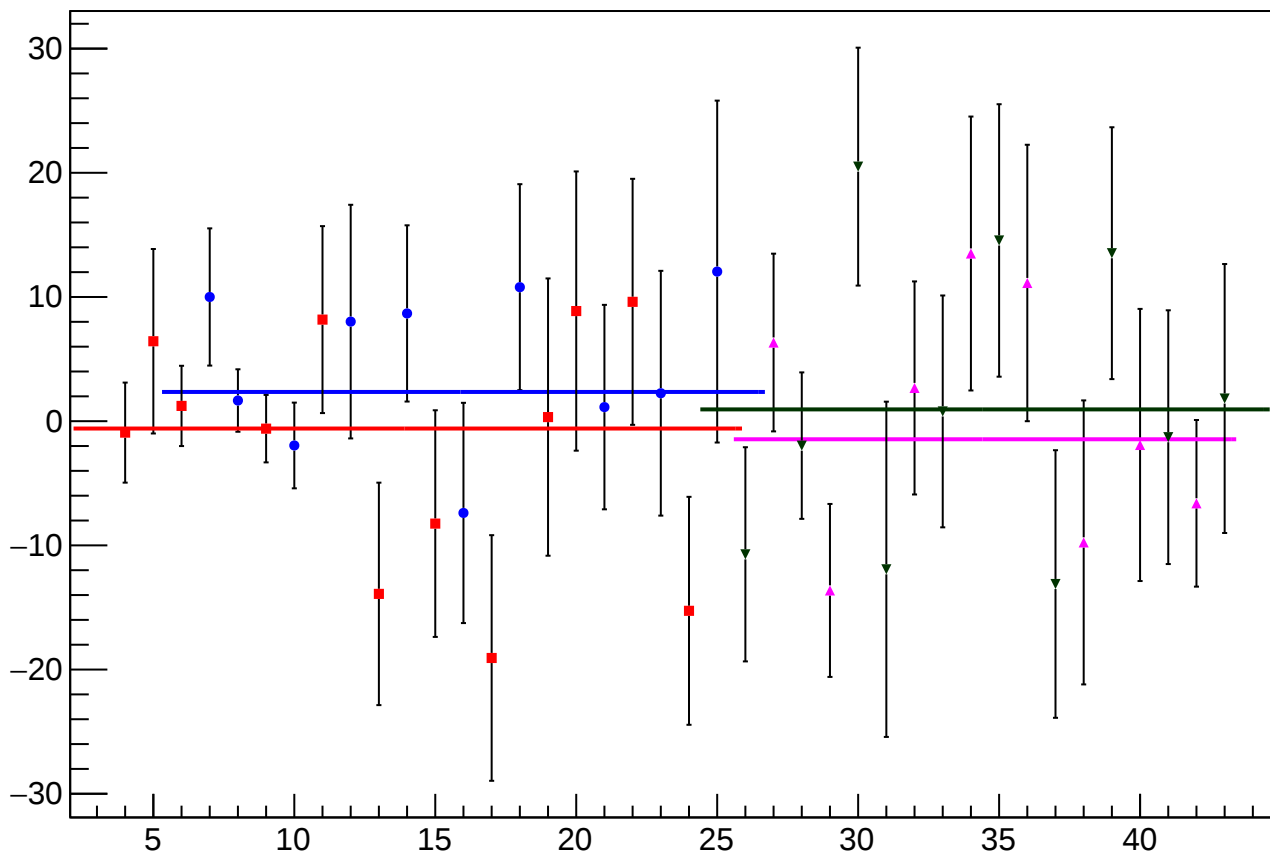
1724.759+/-0.359 χ^2/NDF : 640755.2/19

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

1712.685+/-0.361 χ^2/NDF : 519634.2/19

Left In: 1592.272+/-0.501 χ^2/NDF : 142695.4/7

diff_bpm4aY_mean vs slug



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

Left Out: 0.949+/-2.951 χ^2/NDF : 12.0/9

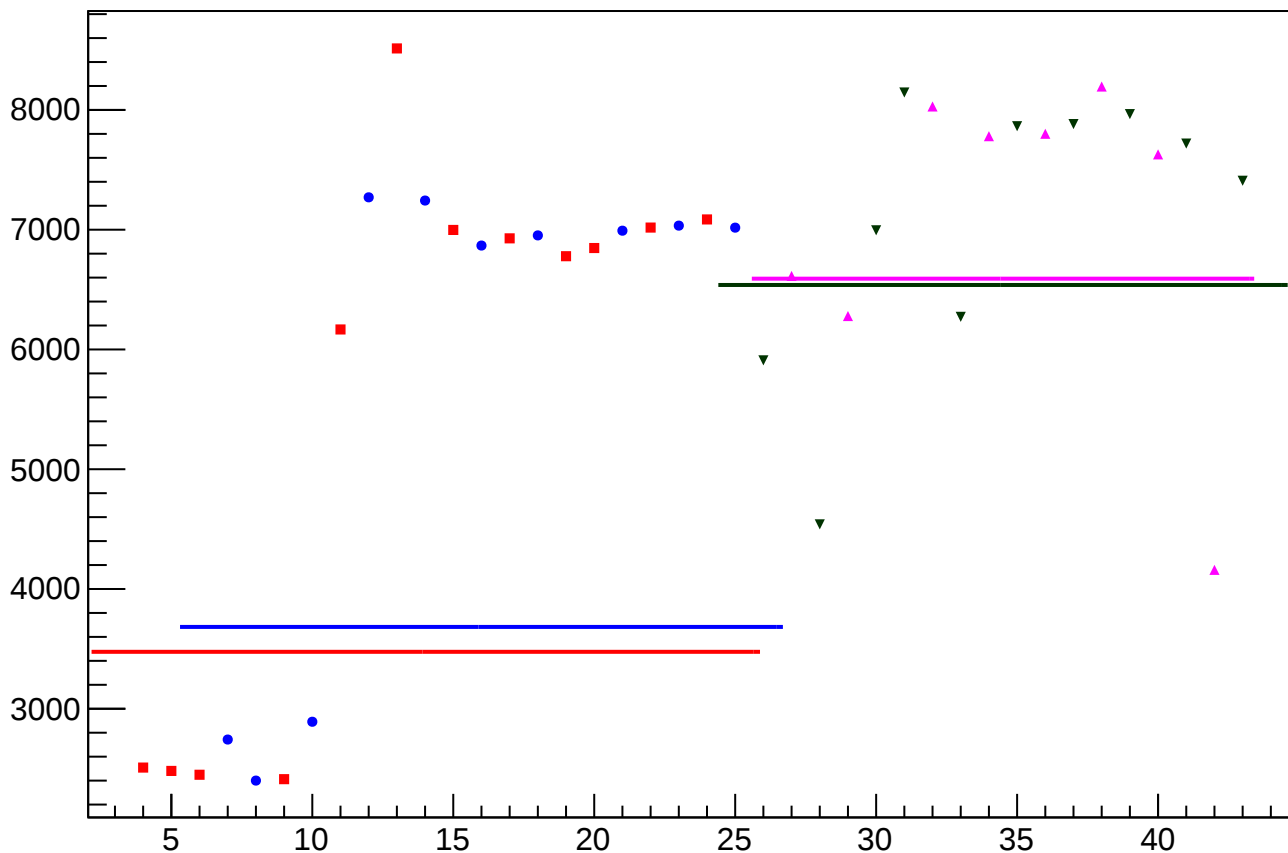
Right Out: -0.592+/-1.578 χ^2/NDF : 13.3/11

Left In: -1.457+/-3.040 χ^2/NDF : 8.7/7

2.017+/-1.446 χ^2/NDF : 19.6/19

-0.776+/-1.401 χ^2/NDF : 22.1/19

diff_bpm4aY_rms vs slug



Right In: 3683.292 $\pm$ 1.173 χ^2 /NDF: 2718531.0/9

Left Out: 6538.498 $\pm$ 2.087 χ^2 /NDF:414494.7/9

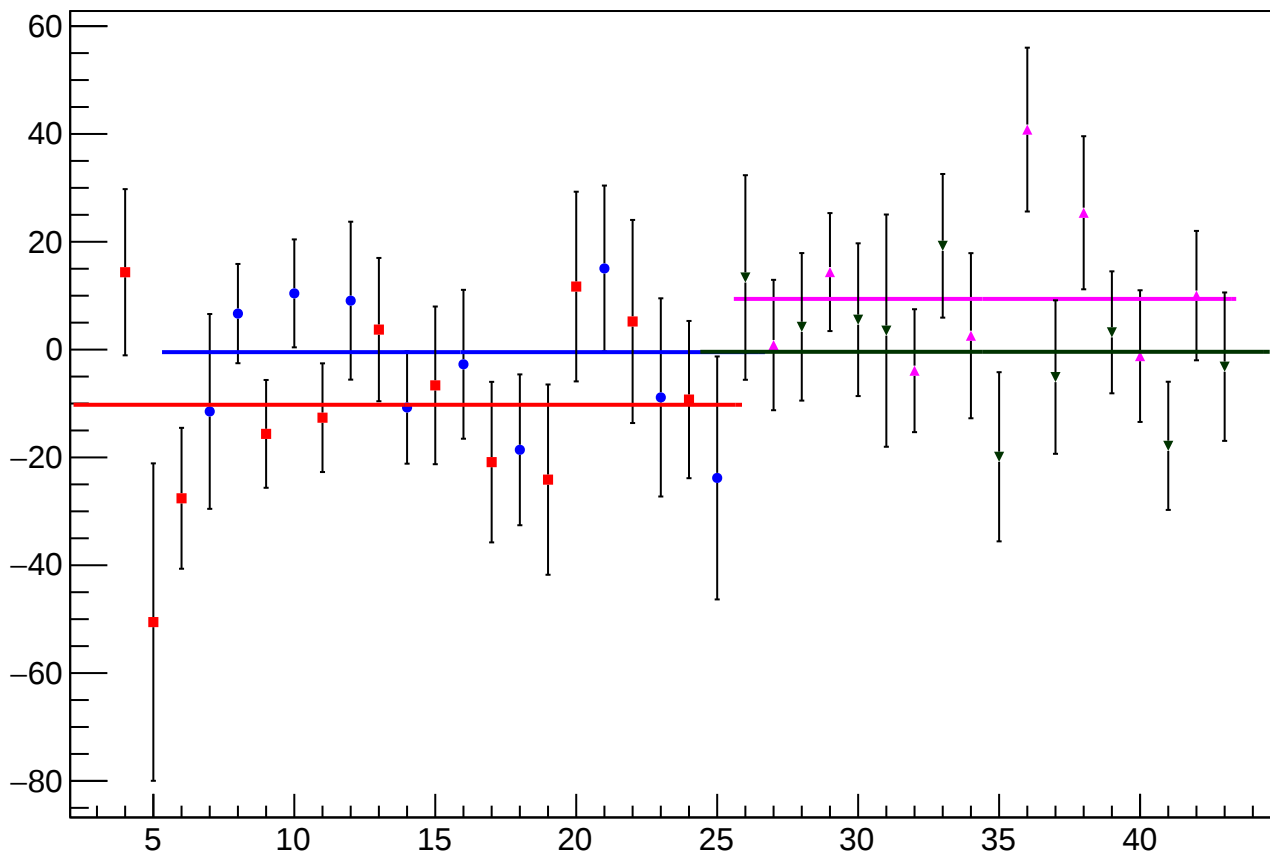
4368.559 $\pm$ 1.022 χ^2 /NDF: 4555934.7/19

Right Out: 3475.466 $\pm$ 1.116 χ^2 /NDF: 3010113.2/11

4137.102 $\pm$ 0.990 χ^2 /NDF: 5092308.9/19

Left In: 6591.137 $\pm$ 2.149 χ^2 /NDF:427105.6/7

diff_bpm4eX_mean vs slug



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

Left Out: -0.408 ± 4.470 χ^2/NDF : 7.0/9

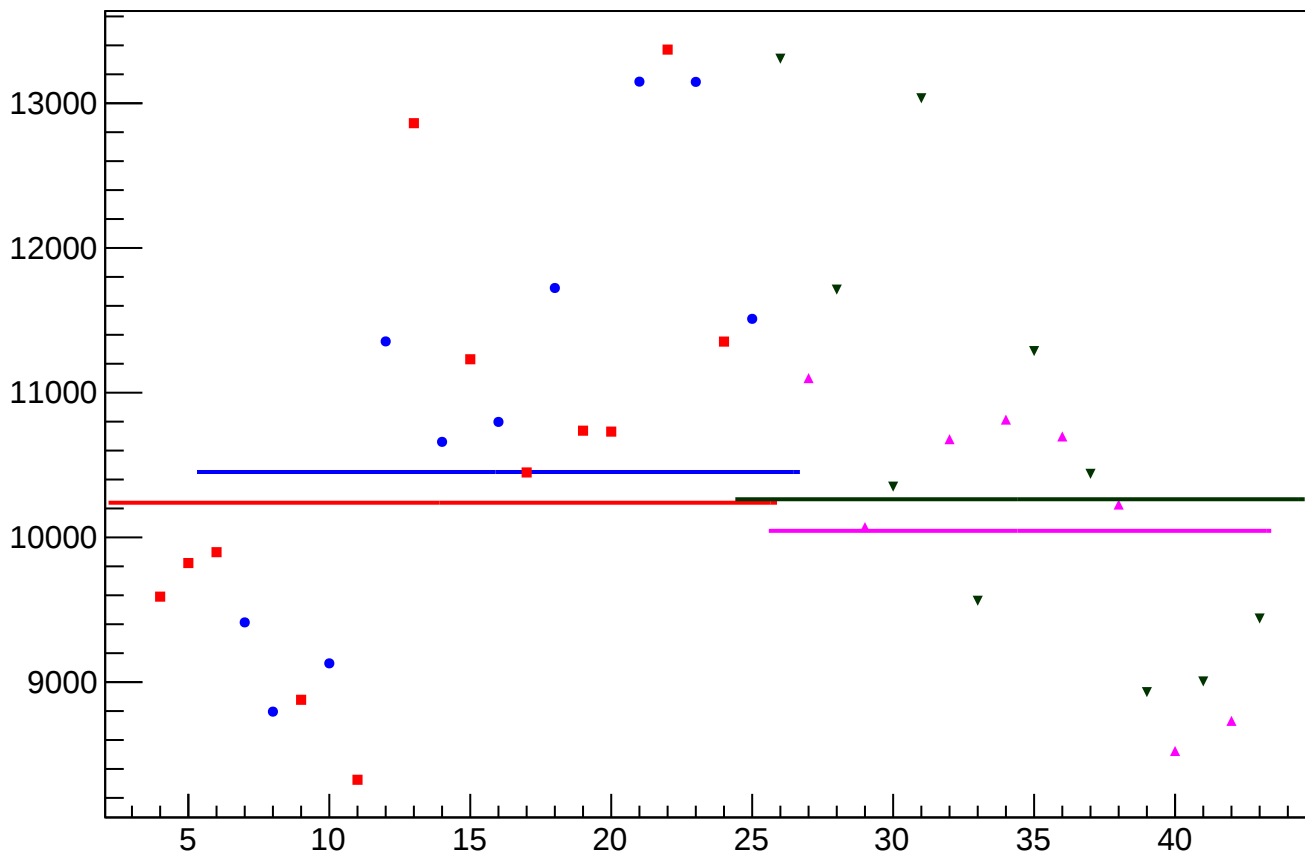
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

Left In: 9.403 ± 4.468 χ^2/NDF : 8.6/7

-0.442 ± 3.039 χ^2/NDF : 14.5/19

-1.289 ± 3.016 χ^2/NDF : 30.1/19

diff_bpm4eX_rms vs slug



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

Left Out: 10263.647+/-3.161 χ^2/NDF : 178797.8/9

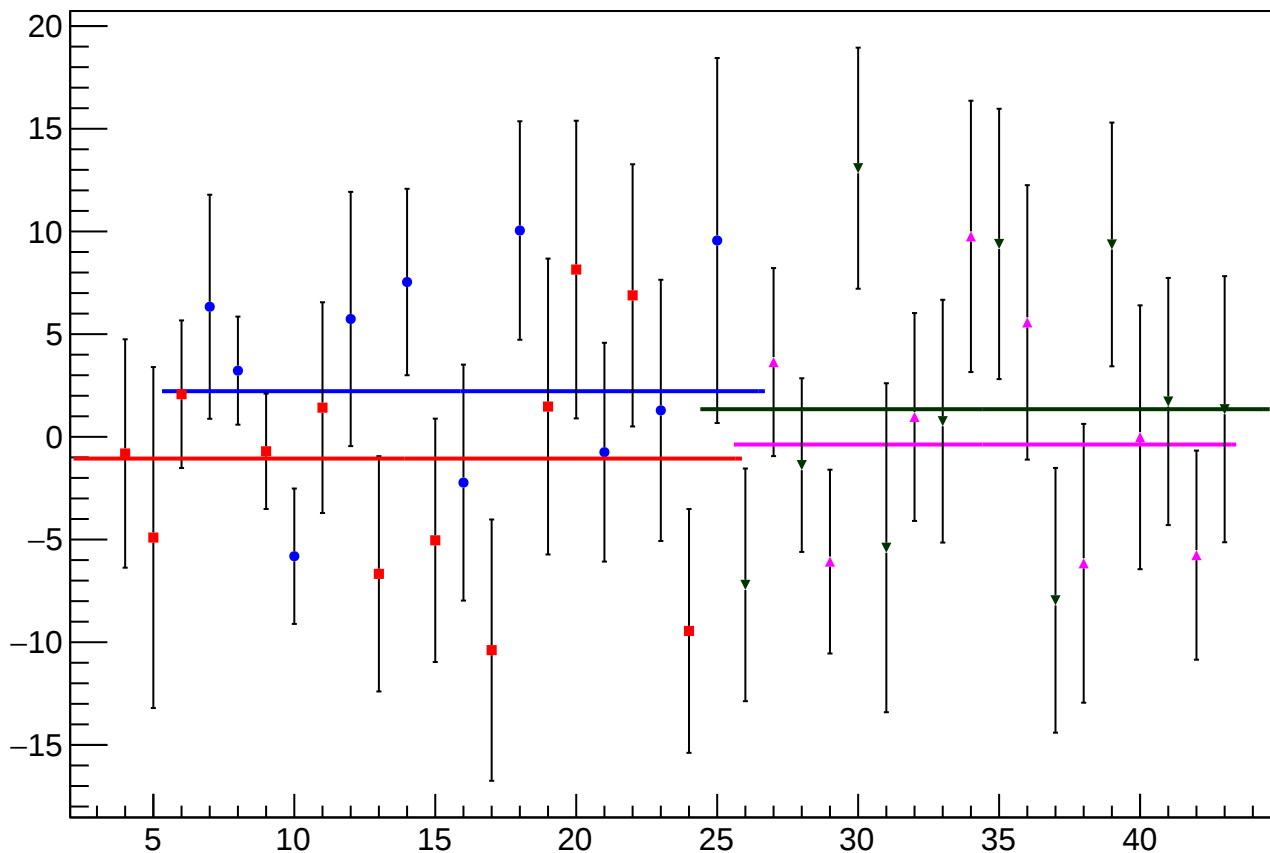
10364.892+/-2.149 χ^2/NDF : 422069.8/19

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

10151.192+/-2.132 χ^2/NDF : 359568.8/19

Left In: 10045.383+/-3.159 χ^2/NDF : 85436.3/7

diff_bpm4eY_mean vs slug



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

Left Out: 1.346 ± 1.865 χ^2/NDF : 12.8/9

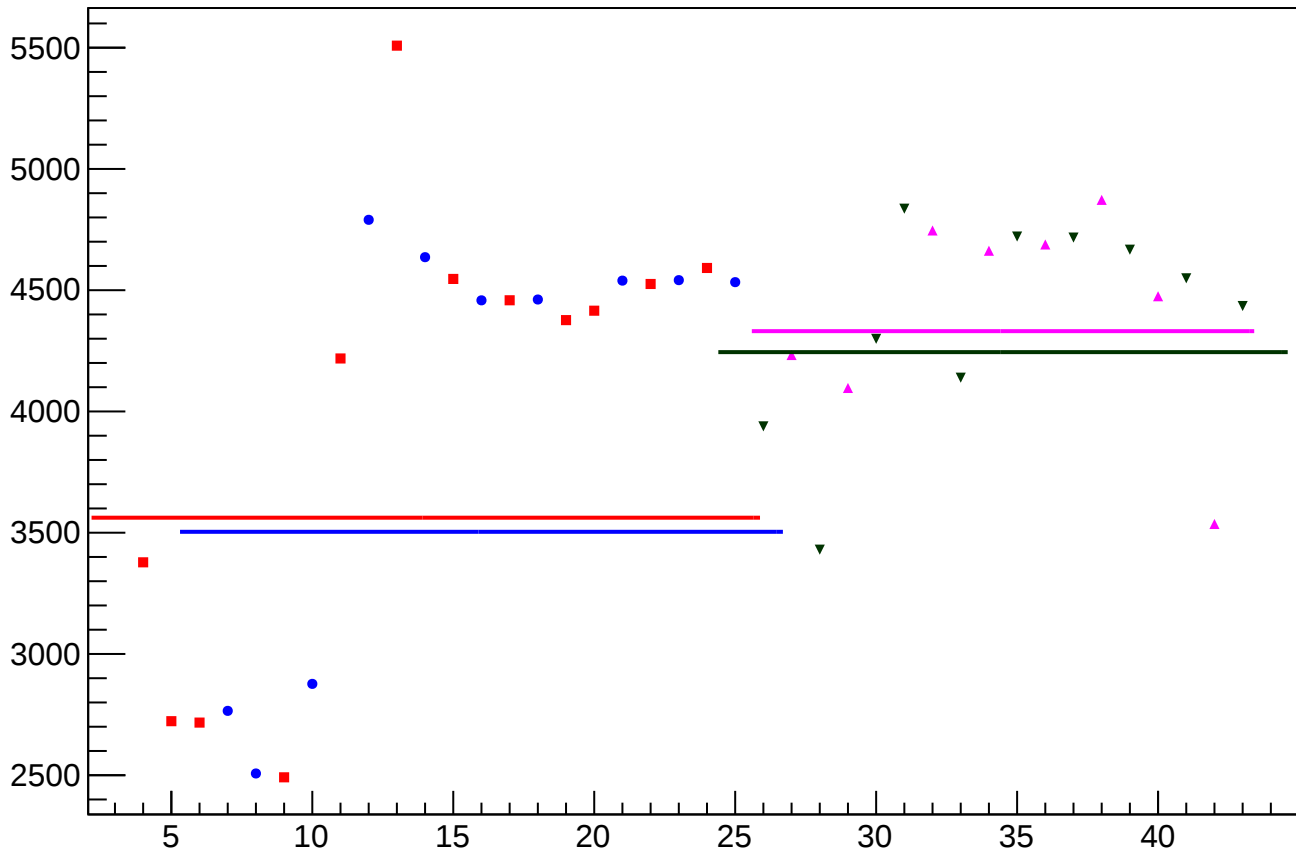
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: -0.374 ± 1.937 χ^2/NDF : 7.5/7

1.895 ± 1.139 χ^2/NDF : 25.1/19

-0.809 ± 1.170 χ^2/NDF : 17.6/19

diff_bpm4eY_rms vs slug



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

Left Out: 4244.655+/-1.319 χ^2/NDF :130015.1/9

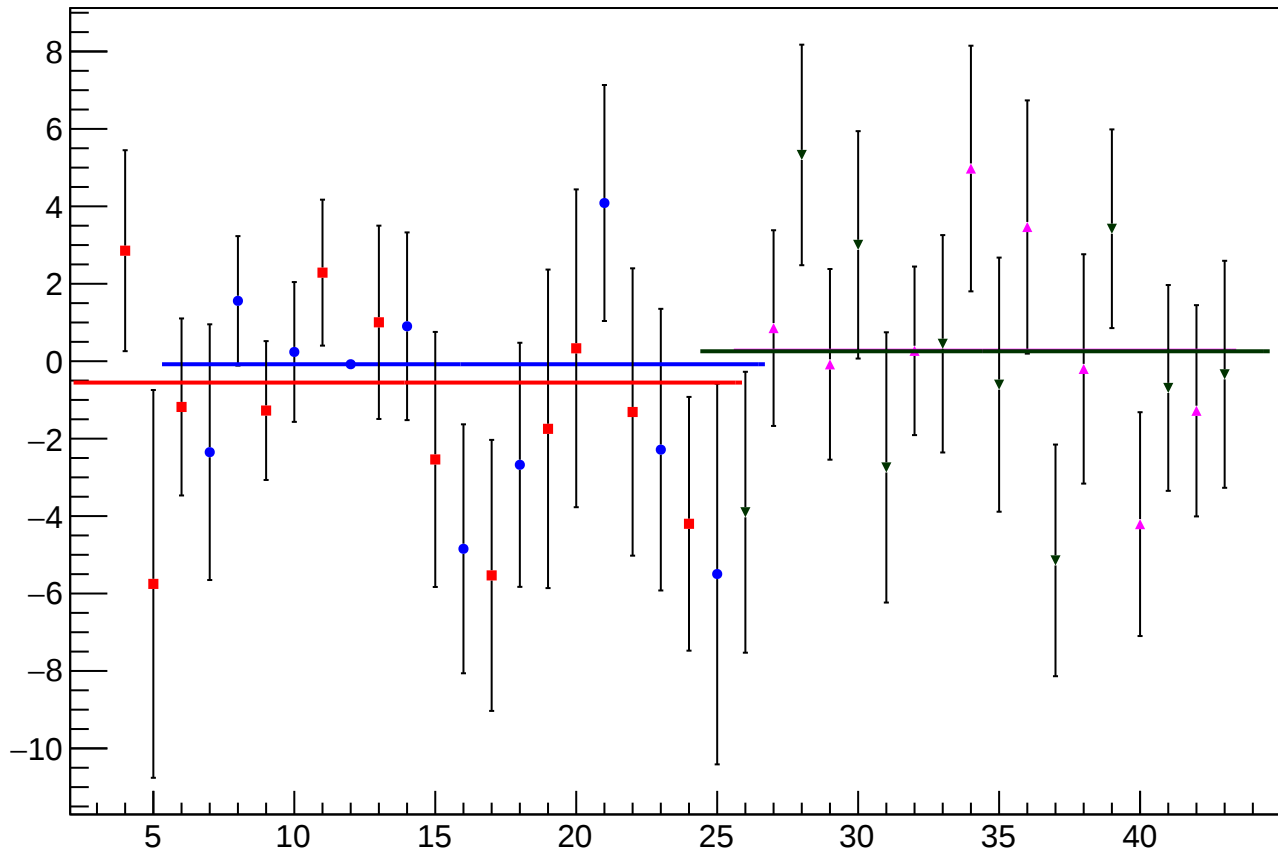
3780.095+/-0.806 χ^2/NDF : 1210703.4/19

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

3842.599+/-0.827 χ^2/NDF : 1235082.4/19

Left In: 4331.120+/-1.370 χ^2/NDF :93155.2/7

diff_bpm4acX_mean vs slug



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

Left Out: 0.257 ± 0.937 χ^2/NDF : 11.1/9

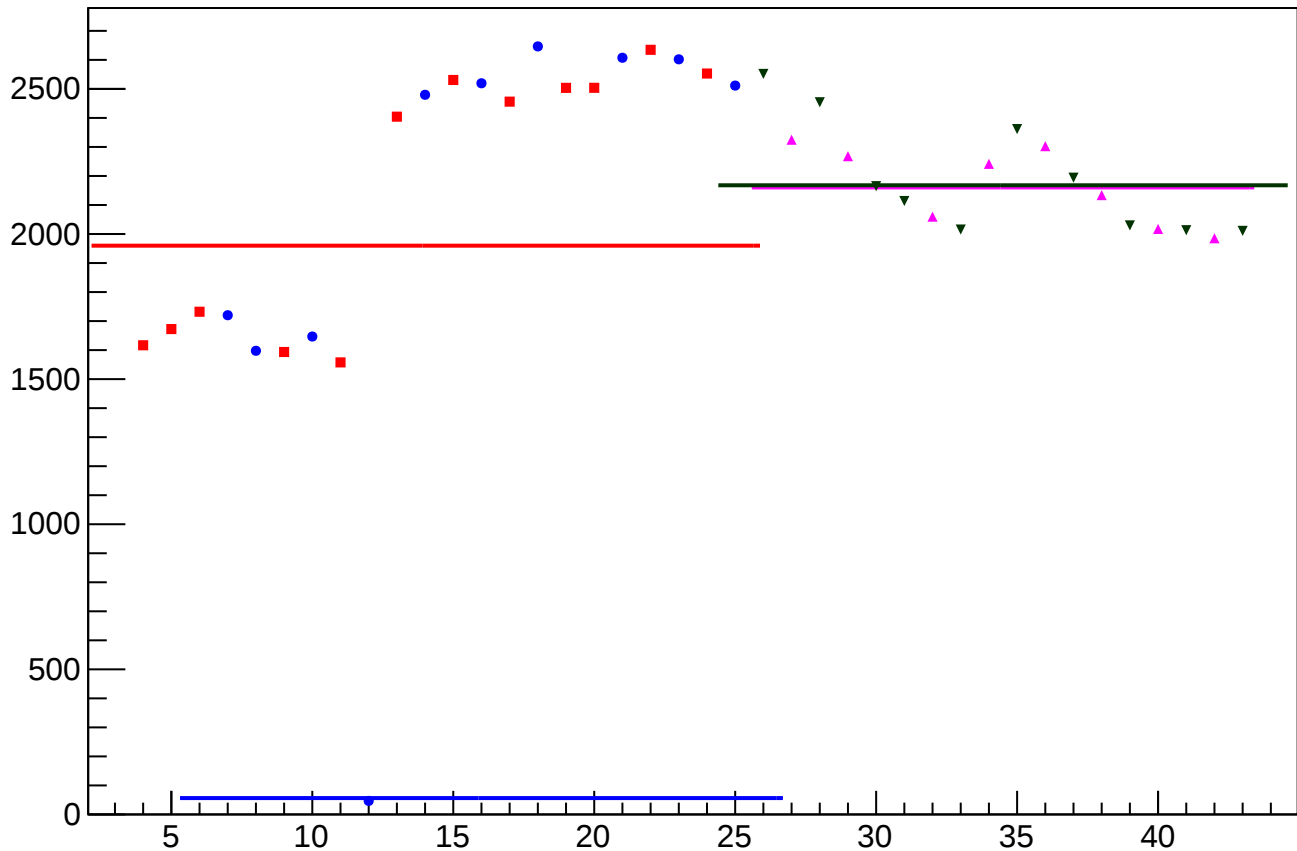
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 0.272 ± 0.956 χ^2/NDF : 6.0/7

-0.077 ± 0.060 χ^2/NDF : 19.2/19

-0.216 ± 0.610 χ^2/NDF : 15.9/19

diff_bpm4acX_rms vs slug



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

Left Out: 2167.933+/-0.663 χ^2 /NDF: 74393.9/9

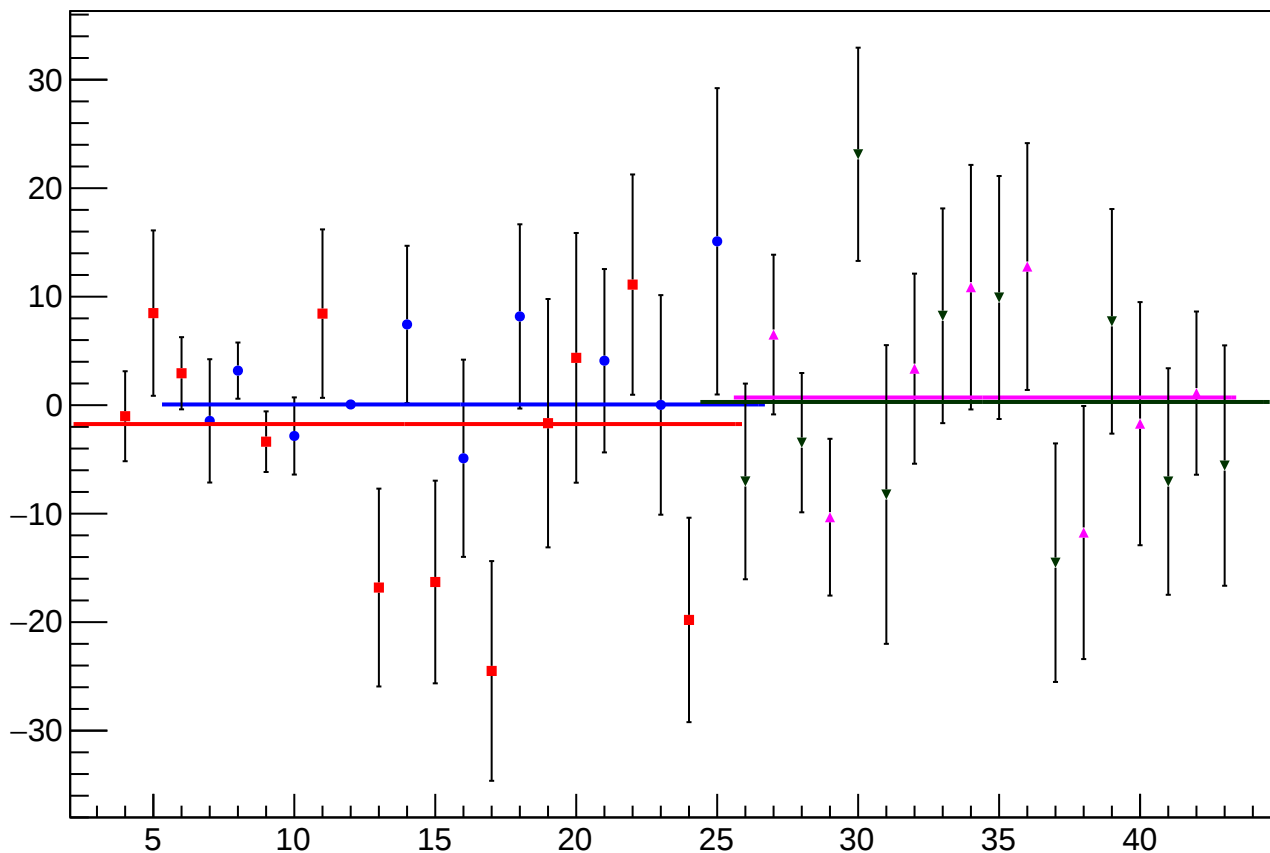
Right Out: 1959.862+/-0.561 χ^2 /NDF: 601394.1/11

Left In: 2160.479+/-0.676 χ^2 /NDF: 34948.9/7

65.096+/-0.042 χ^2 /NDF: 21398587.5/19

2041.588+/-0.432 χ^2 /NDF: 688502.1/19

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 $\chi^2/\text{NDF}: 5.8/9$

Left Out: 0.294 ± 3.082 $\chi^2/\text{NDF}: 11.3/9$

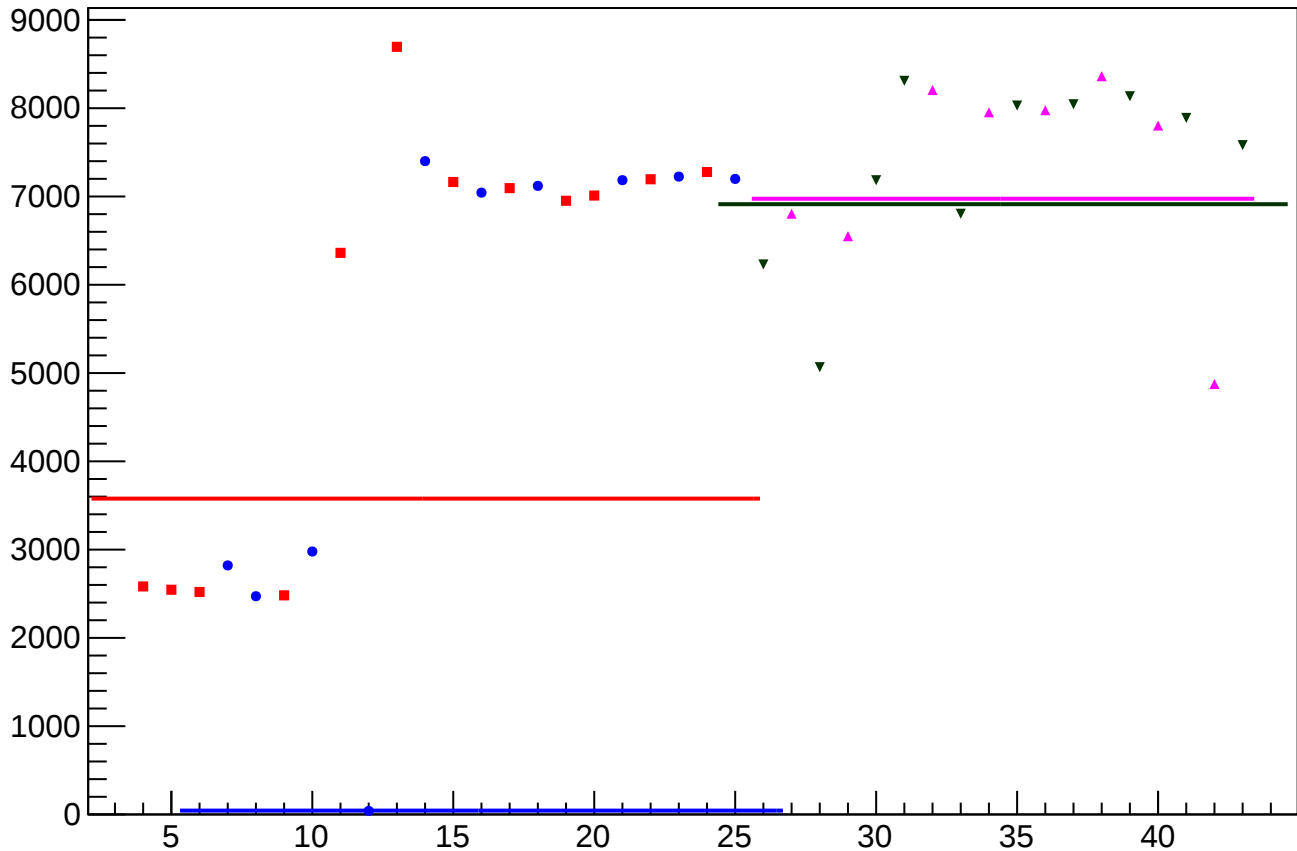
Right Out: -1.741 ± 1.623 $\chi^2/\text{NDF}: 21.6/11$

Left In: 0.709 ± 3.175 $\chi^2/\text{NDF}: 6.2/7$

0.065 ± 0.052 $\chi^2/\text{NDF}: 17.1/19$

-1.234 ± 1.445 $\chi^2/\text{NDF}: 28.3/19$

diff_bpm4acY_rms vs slug



Right In: 43.632+/-0.037 χ^2 /NDF: 11190271.5/9

Left Out: 6912.690+/-2.179 χ^2 /NDF:293013.4/9

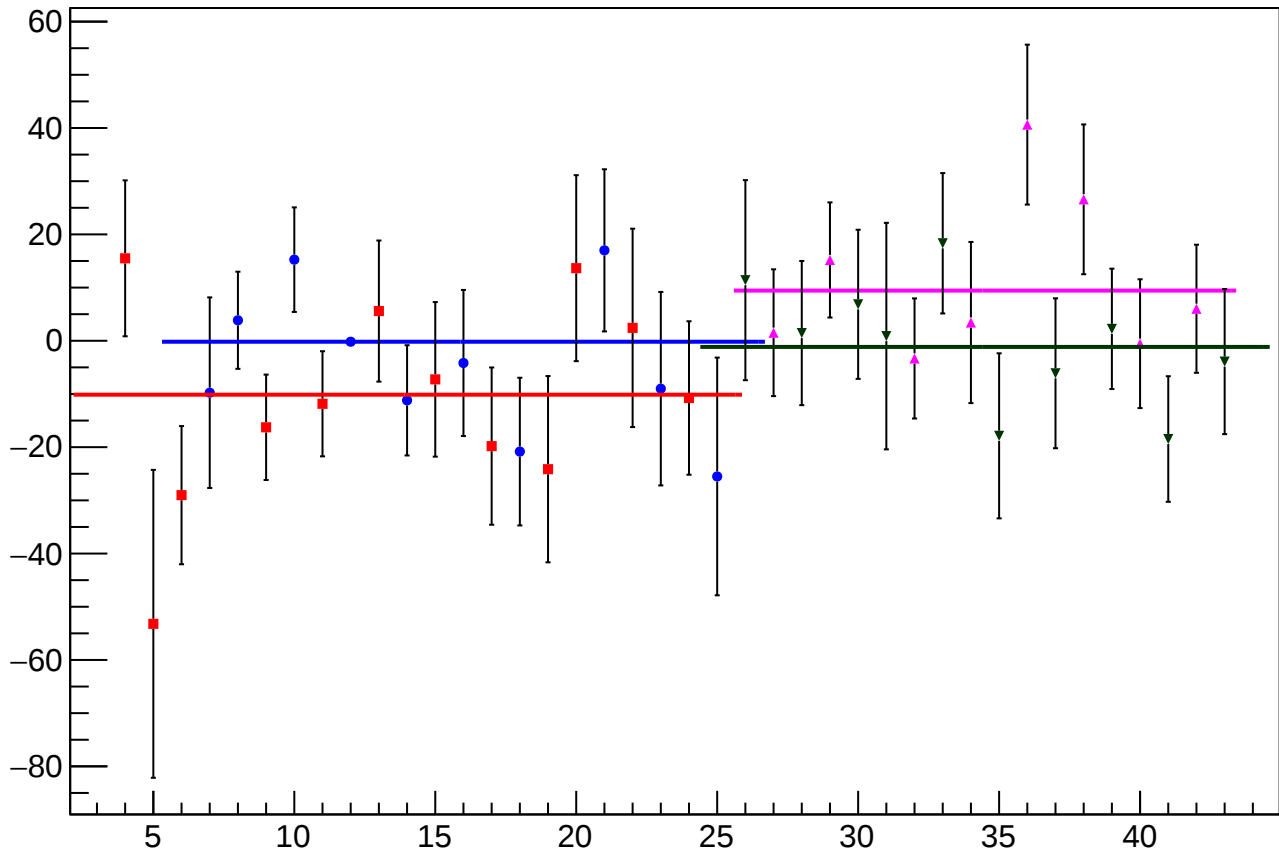
45.594+/-0.037 χ^2 /NDF: 21416578.7/19

Right Out: 3577.880+/-1.147 χ^2 /NDF: 2998842.2/11

4281.490+/-1.022 χ^2 /NDF: 5087202.7/19

Left In: 6974.460+/-2.245 χ^2 /NDF:273086.4/7

diff_bpm4ecX_mean vs slug



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

Left Out: -1.154 ± 4.434 χ^2/NDF : 6.6/9

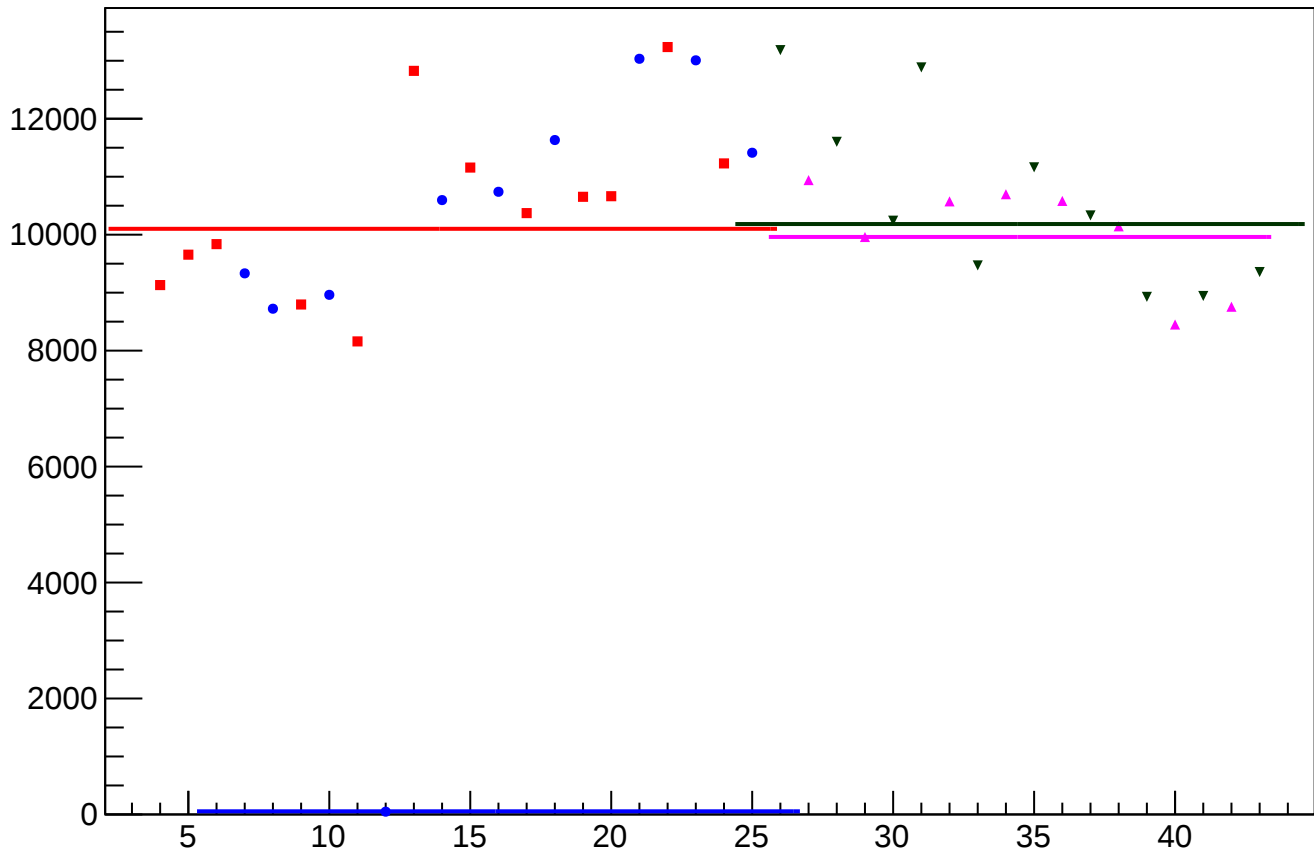
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 9.437 ± 4.429 χ^2/NDF : 8.7/7

-0.178 ± 0.106 χ^2/NDF : 15.8/19

-1.259 ± 2.983 χ^2/NDF : 32.0/19

diff_bpm4ecX_rms vs slug



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

Left Out: 10183.674+/-3.135 χ^2/NDF : 173145.0/9

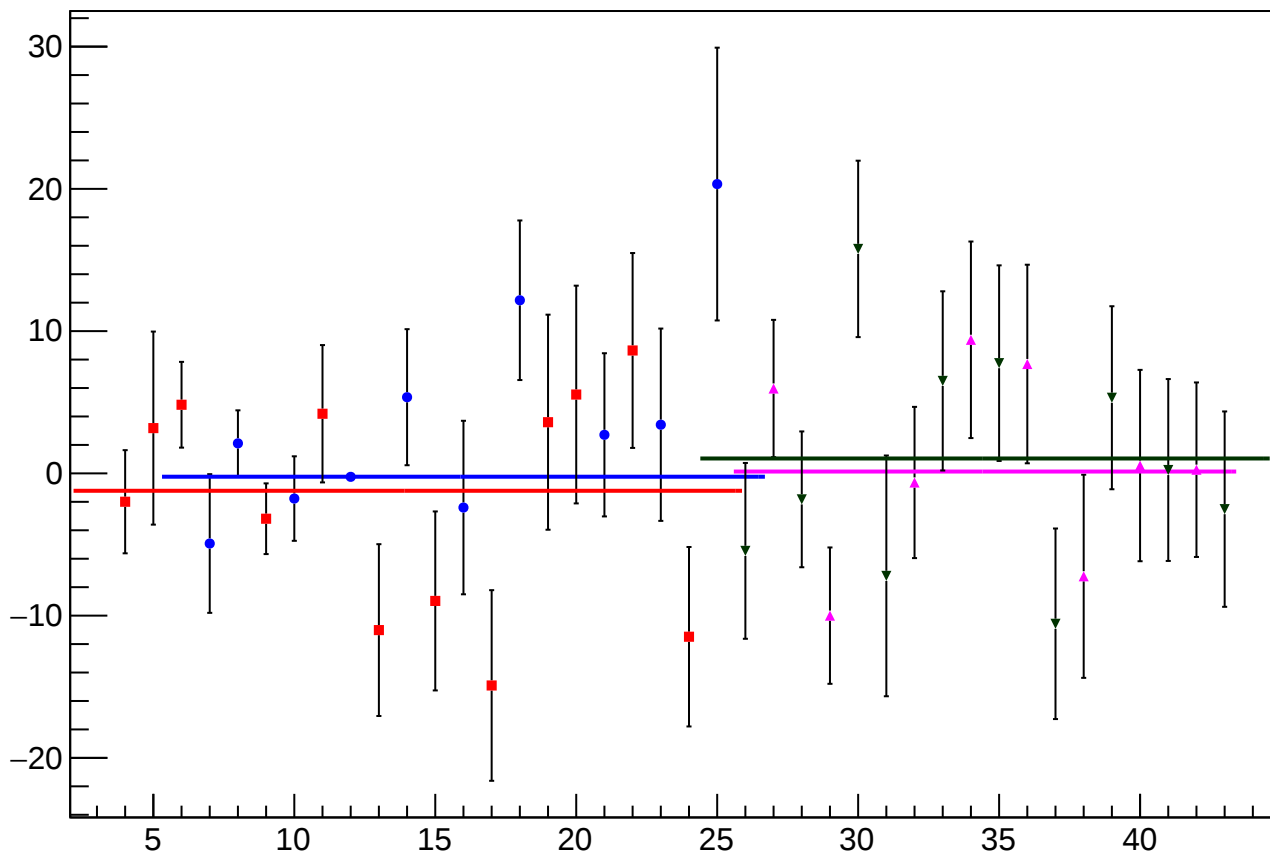
60.201+/-0.075 χ^2/NDF : 22249465.9/19

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

10037.582+/-2.109 χ^2/NDF : 370686.4/19

Left In: 9960.845+/-3.132 χ^2/NDF : 79033.4/7

diff_bpm4ecY_mean vs slug



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

Left Out: 1.047 ± 2.006 χ^2/NDF : 13.5/9

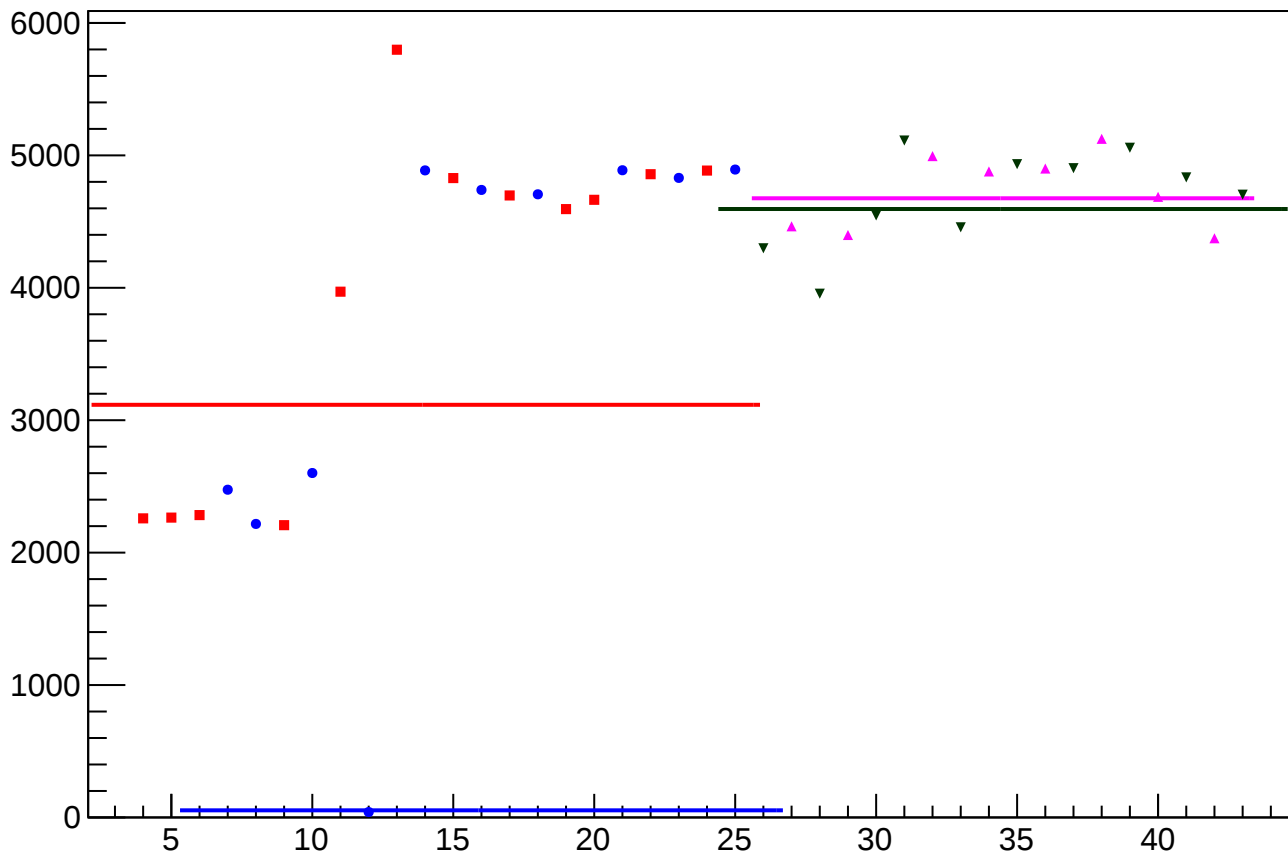
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: 0.129 ± 2.078 χ^2/NDF : 10.0/7

-0.232 ± 0.090 χ^2/NDF : 27.7/19

-0.832 ± 1.118 χ^2/NDF : 30.9/19

diff_bpm4ecY_rms vs slug



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

Left Out: 4595.004+/-1.418 χ^2/NDF : 71786.0/9

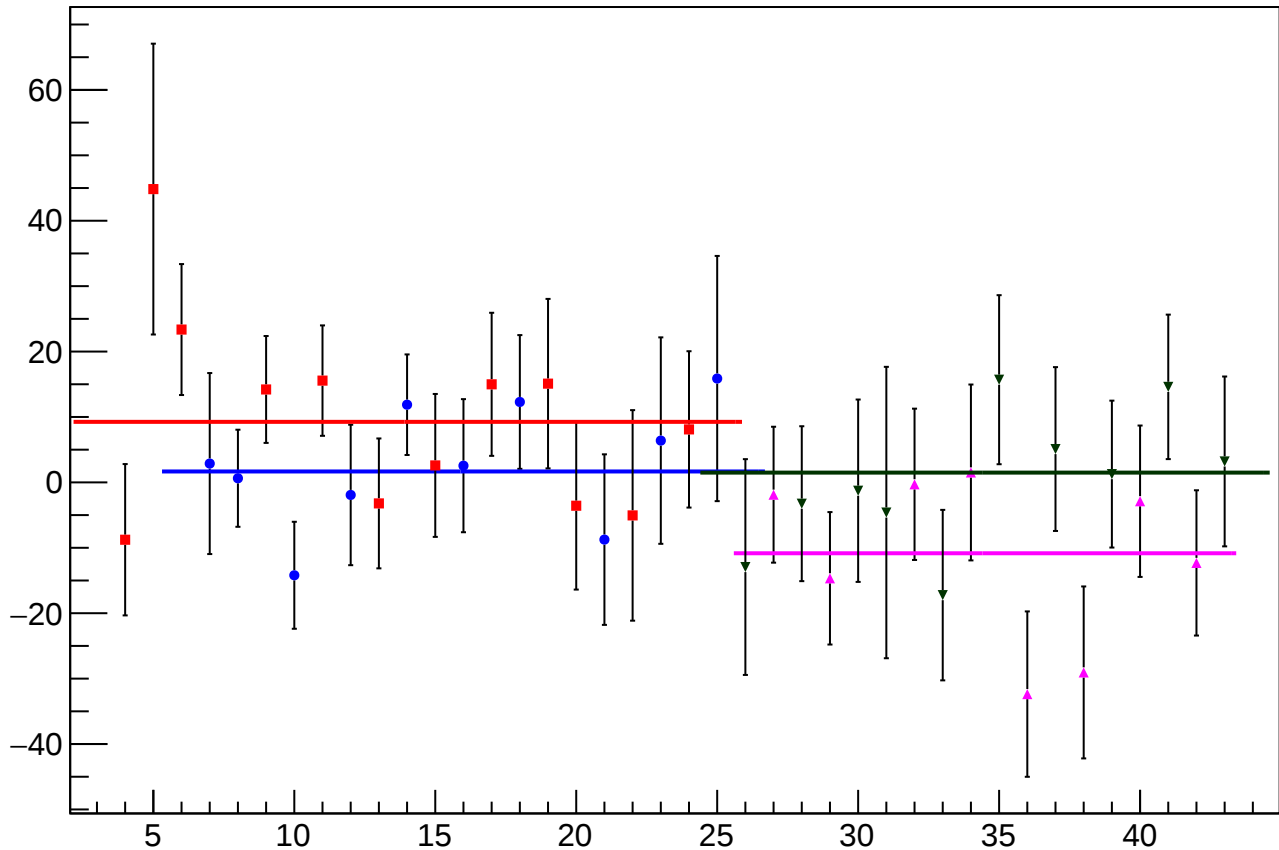
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

Left In: 4675.988+/-1.469 χ^2/NDF : 34275.7/7

62.925+/-0.064 χ^2/NDF : 21570637.3/19

3567.827+/-0.790 χ^2/NDF : 2559842.2/19

diff_bpm1X_mean vs slug



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

Left Out: 1.495 ± 4.142 $\chi^2/\text{NDF}: 5.8/9$

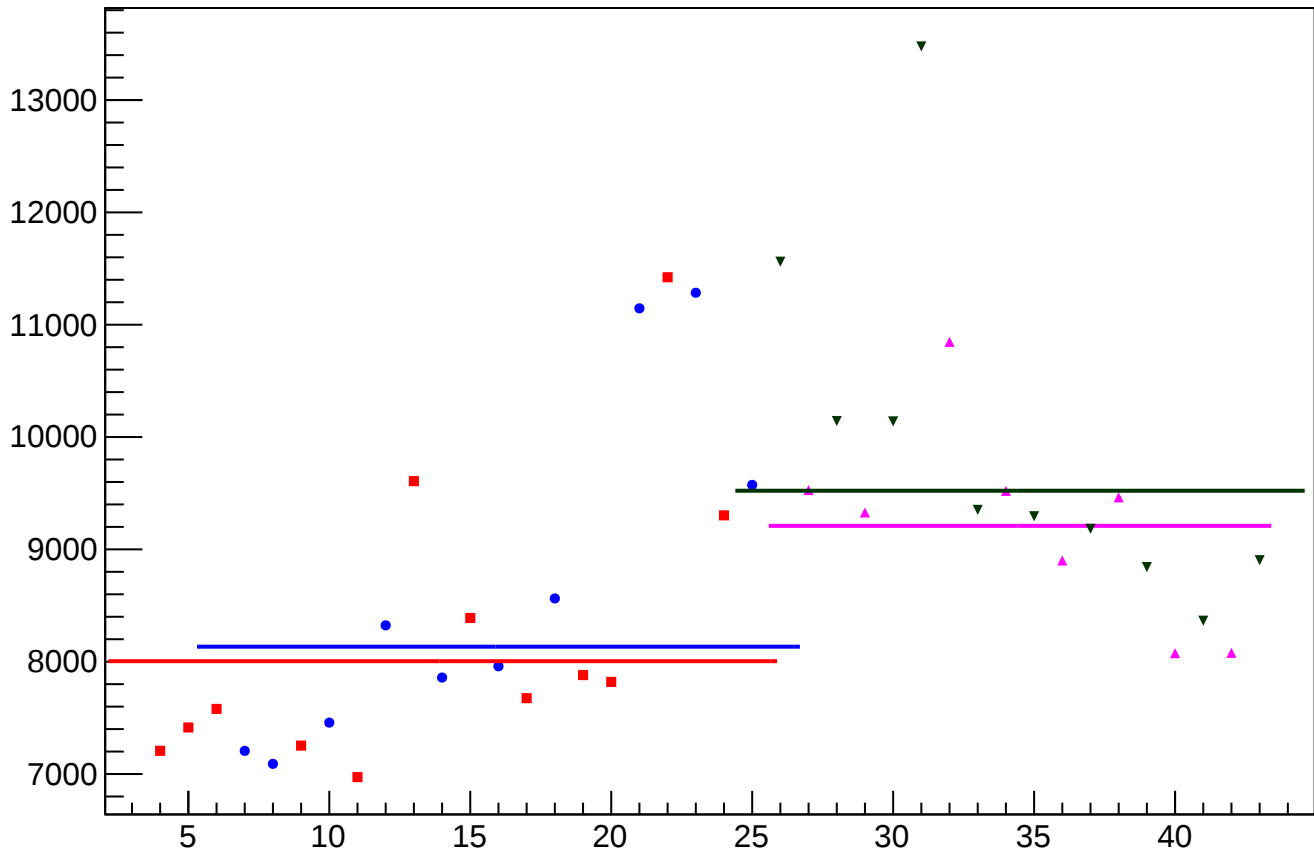
1.604 ± 2.547 $\chi^2/\text{NDF}: 13.9/19$

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

1.667 ± 2.516 $\chi^2/\text{NDF}: 35.0/19$

Left In: -10.836 ± 4.094 $\chi^2/\text{NDF}: 7.9/7$

diff_bpm1X_rms vs slug



Right In: 8133.661+/-2.283 χ^2/NDF : 267771.2/9

Left Out: 9522.004+/-2.929 χ^2/NDF :139291.8/9

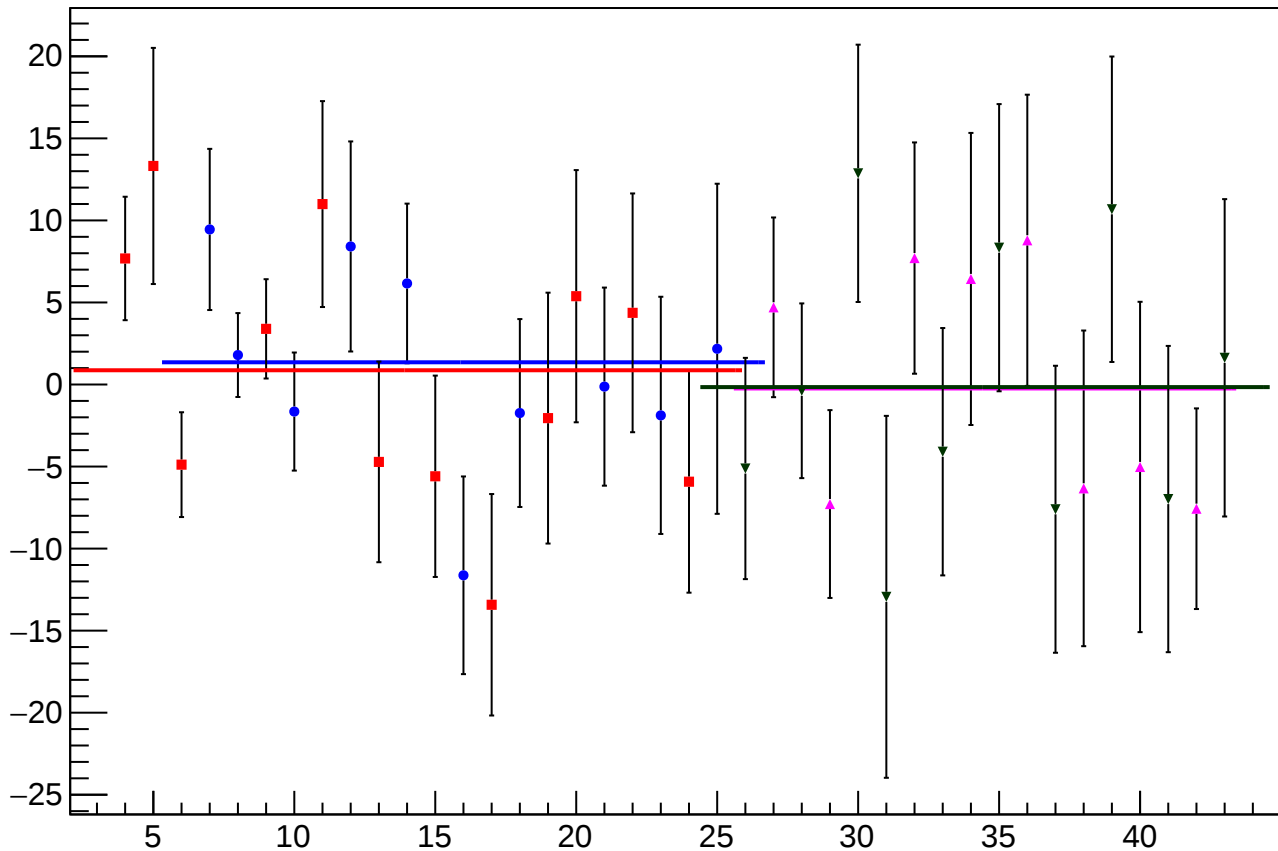
8658.479+/-1.801 χ^2/NDF : 546814.8/19

Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

8459.561+/-1.779 χ^2/NDF : 425129.3/19

Left In: 9209.225+/-2.895 χ^2/NDF :85202.4/7

diff_bpm1Y_mean vs slug



Right In: 1.354+/-1.486 χ^2/NDF : 10.8/9

Left Out: -0.158+/-2.506 χ^2/NDF : 8.5/9

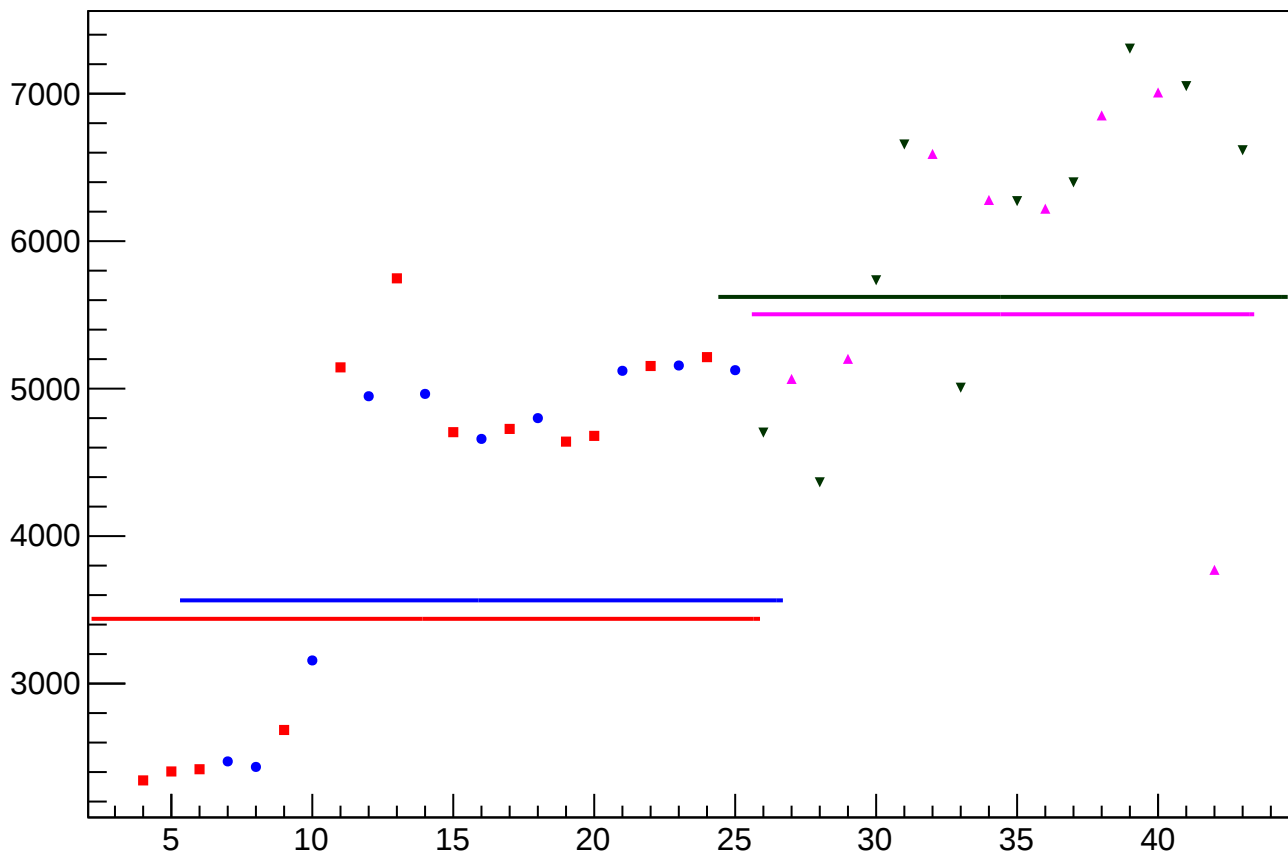
Right Out: 0.868+/-1.454 χ^2/NDF : 21.0/11

Left In: -0.243+/-2.526 χ^2/NDF : 7.3/7

0.961+/-1.278 χ^2/NDF : 19.6/19

0.591+/-1.260 χ^2/NDF : 28.4/19

diff_bpm1Y_rms vs slug



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

Left Out: 5621.962+/-1.772 χ^2/NDF : 340384.5/9

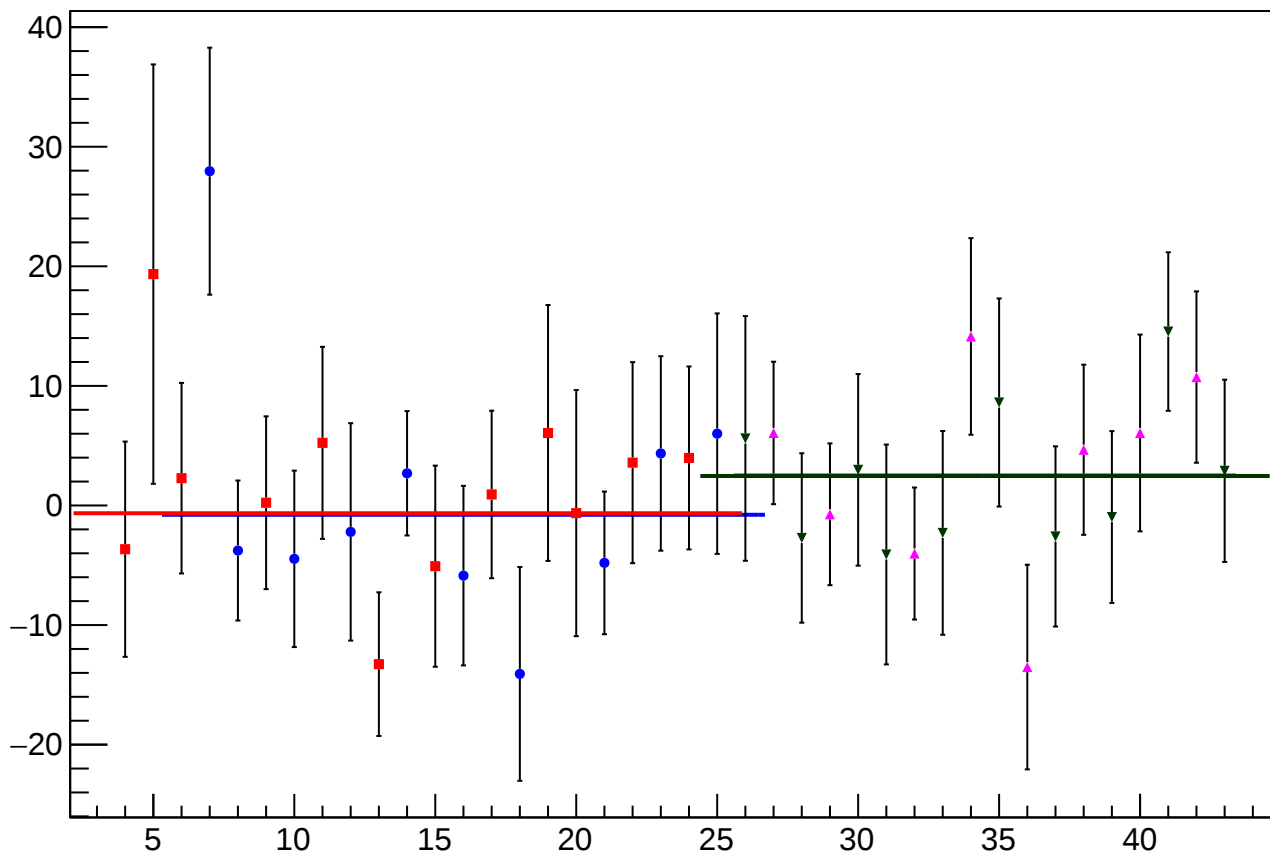
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

Left In: 5504.188+/-1.786 χ^2/NDF : 338868.1/7

4099.527+/-0.904 χ^2/NDF : 2549425.0/19

3953.316+/-0.891 χ^2/NDF : 2823422.4/19

diff_bpm11X_mean vs slug



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

Left Out: 2.463 ± 2.494 χ^2/NDF : 6.0/9

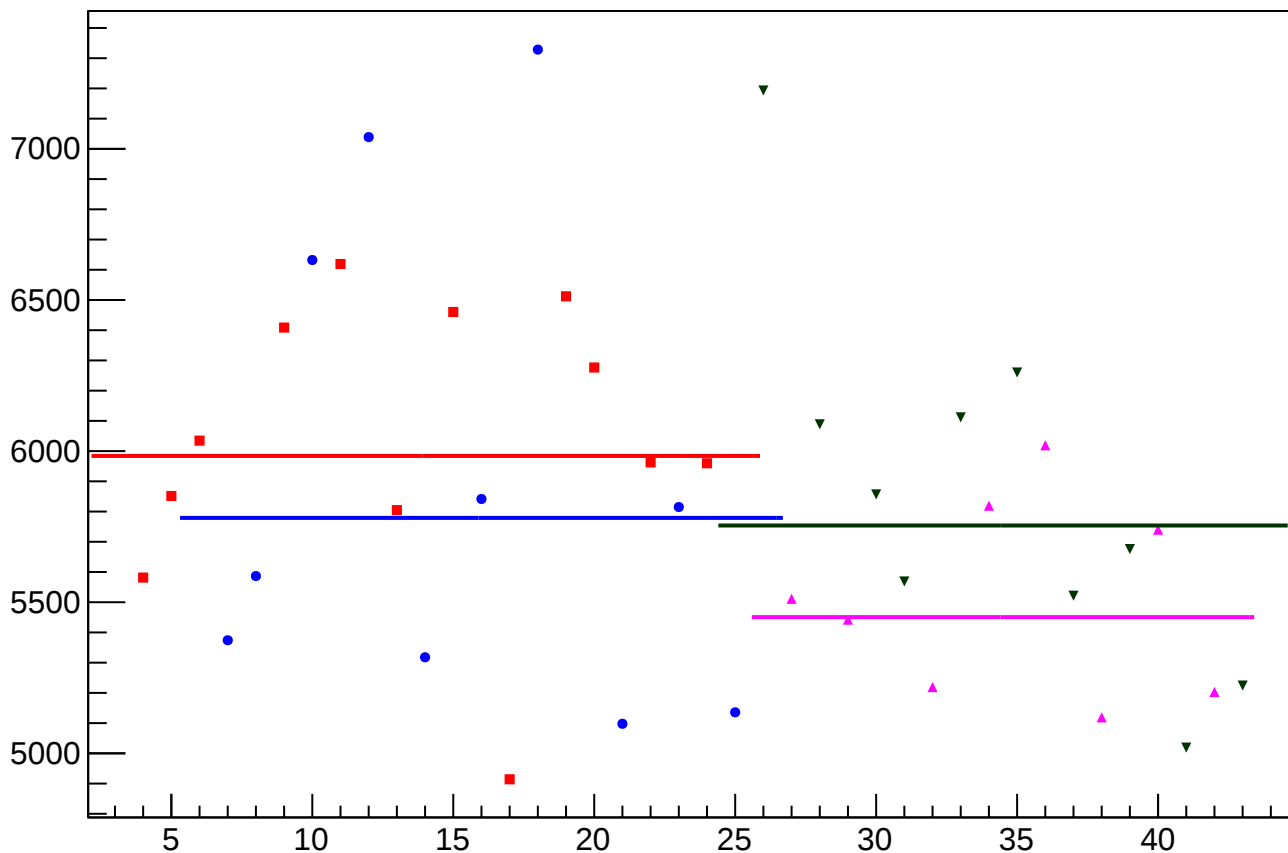
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

Left In: 2.521 ± 2.412 χ^2/NDF : 9.2/7

0.711 ± 1.690 χ^2/NDF : 19.6/19

0.909 ± 1.691 χ^2/NDF : 17.9/19

diff_bpm11X_rms vs slug



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

Left Out: 5753.867+/-1.763 χ^2/NDF : 91874.6/9

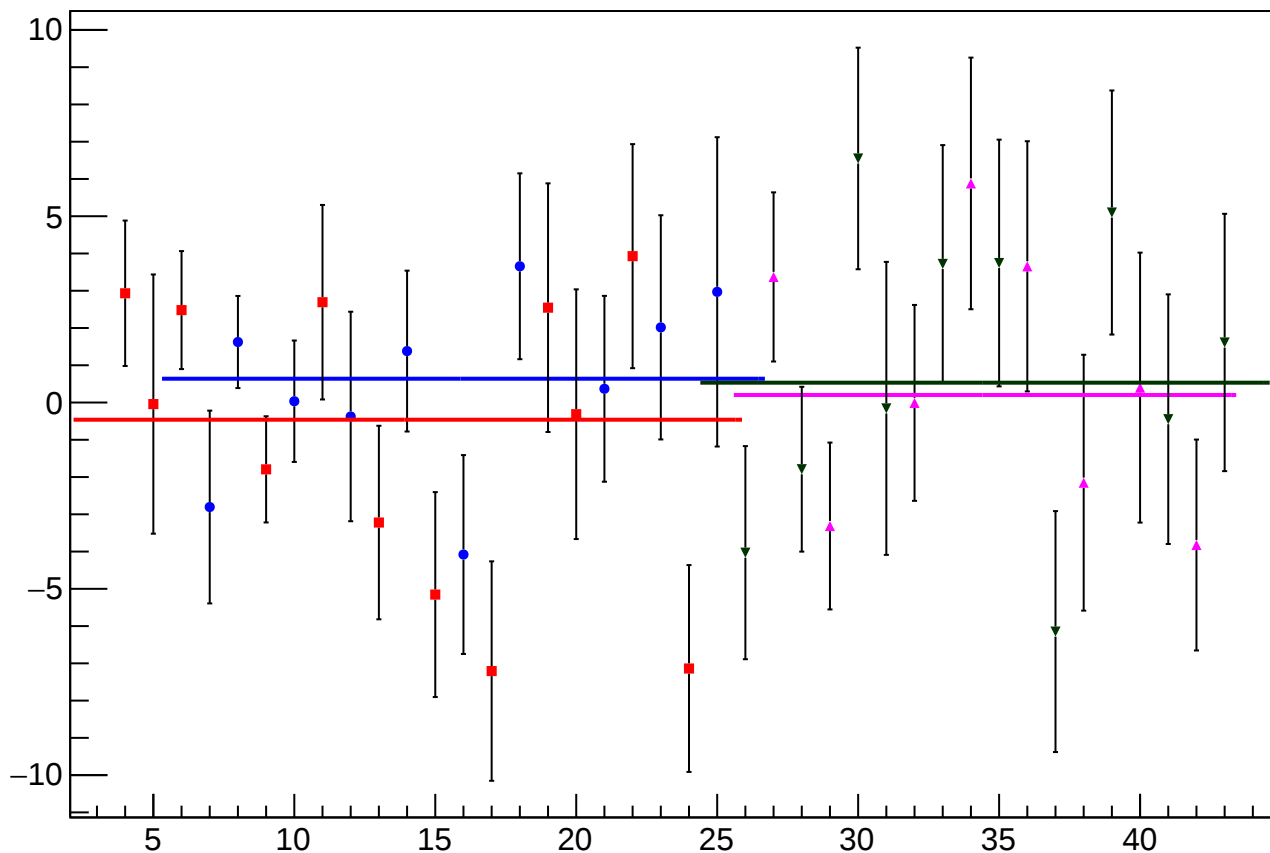
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5450.681+/-1.705 χ^2/NDF : 25792.7/7

5767.474+/-1.195 χ^2/NDF : 272661.5/19

5721.715+/-1.196 χ^2/NDF : 160499.0/19

diff_bpm11Y_mean vs slug



Right In: 0.639 ± 0.682 χ^2/NDF : 7.9/9

Left Out: 0.533 ± 0.973 χ^2/NDF : 16.1/9

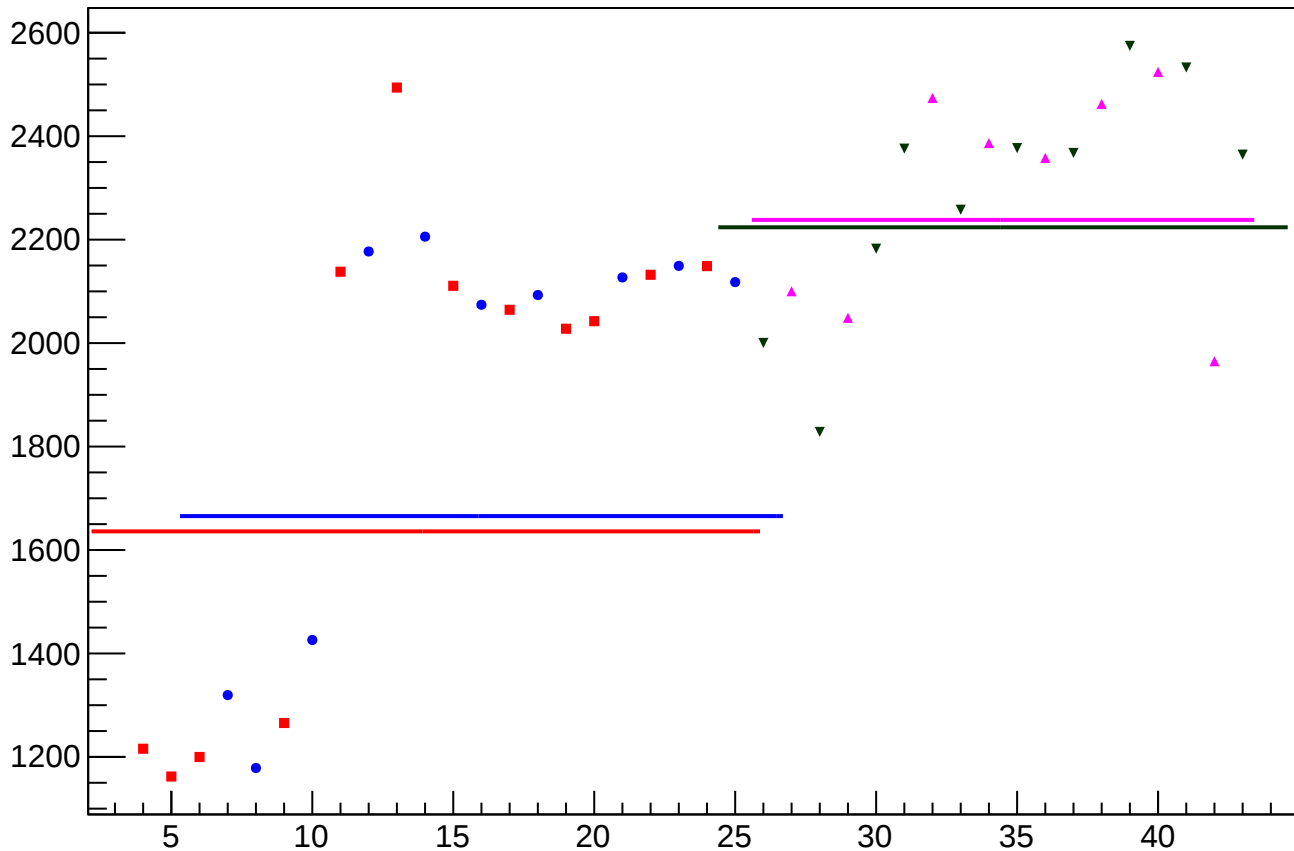
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: 0.202 ± 1.000 χ^2/NDF : 10.8/7

0.604 ± 0.558 χ^2/NDF : 24.0/19

-0.254 ± 0.559 χ^2/NDF : 38.0/19

diff_bpm11Y_rms vs slug



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

Left Out: 2223.927+/-0.688 χ^2/NDF :131291.4/9

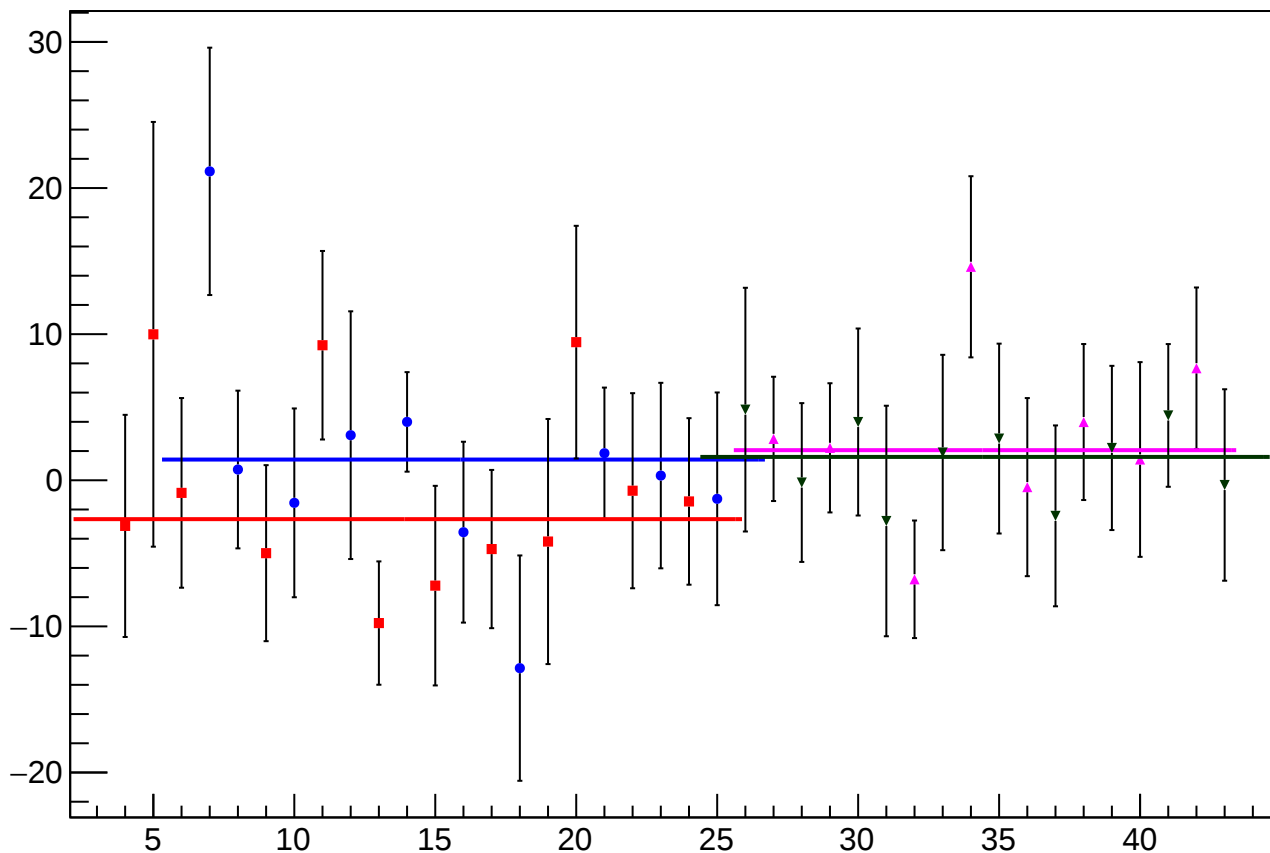
1849.333+/-0.395 χ^2/NDF : 1403378.2/19

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

1824.348+/-0.395 χ^2/NDF : 1573084.1/19

Left In: 2238.160+/-0.707 χ^2/NDF :83831.7/7

diff_bpm12X_mean vs slug



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

Left Out: 1.599 ± 1.970 χ^2/NDF : 1.6/9

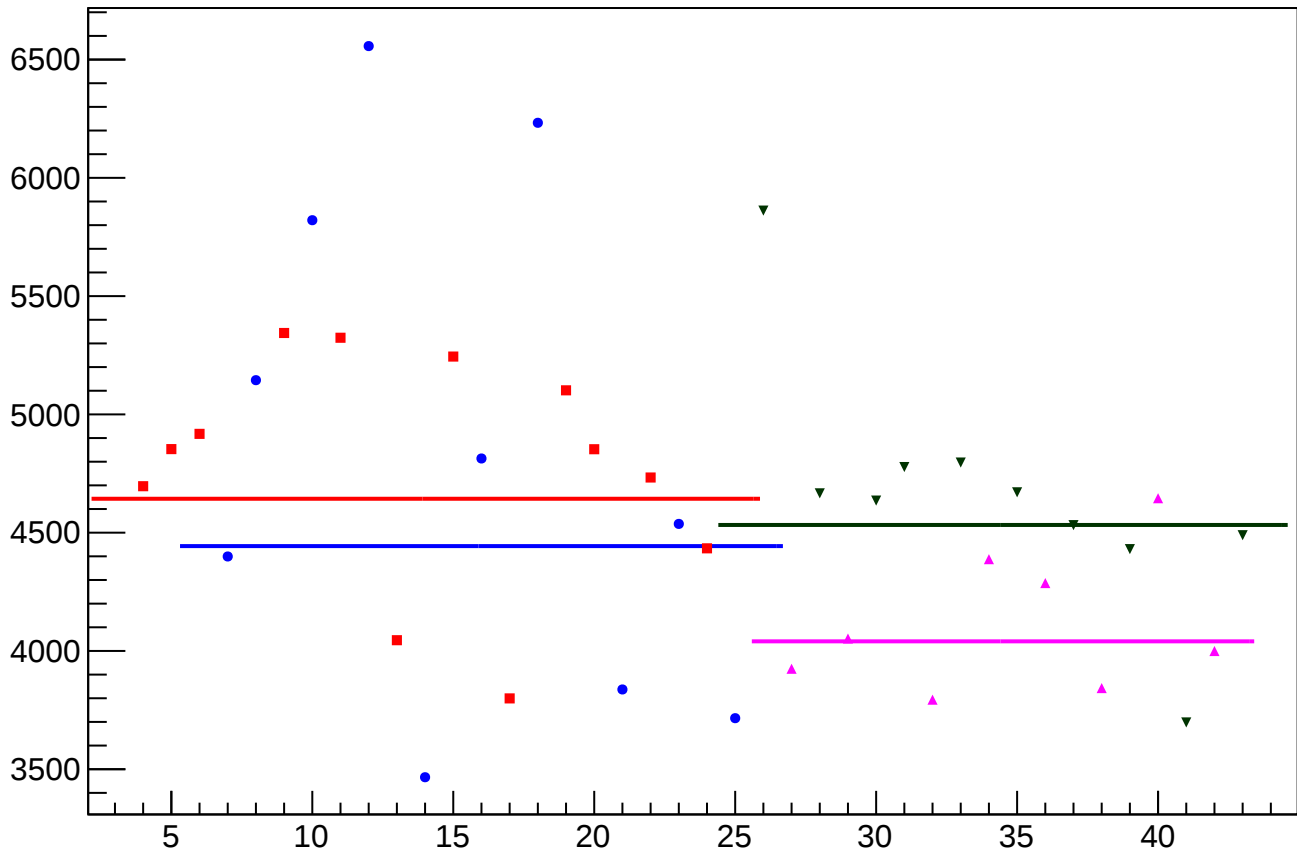
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 2.061 ± 1.792 χ^2/NDF : 10.3/7

1.500 ± 1.329 χ^2/NDF : 12.1/19

-0.224 ± 1.287 χ^2/NDF : 24.0/19

diff_bpm12X_rms vs slug



Right In: 4443.230 $\pm$ 1.273 χ^2 /NDF: 585369.1/9

Left Out: 4532.597 $\pm$ 1.393 χ^2 /NDF:117630.8/9

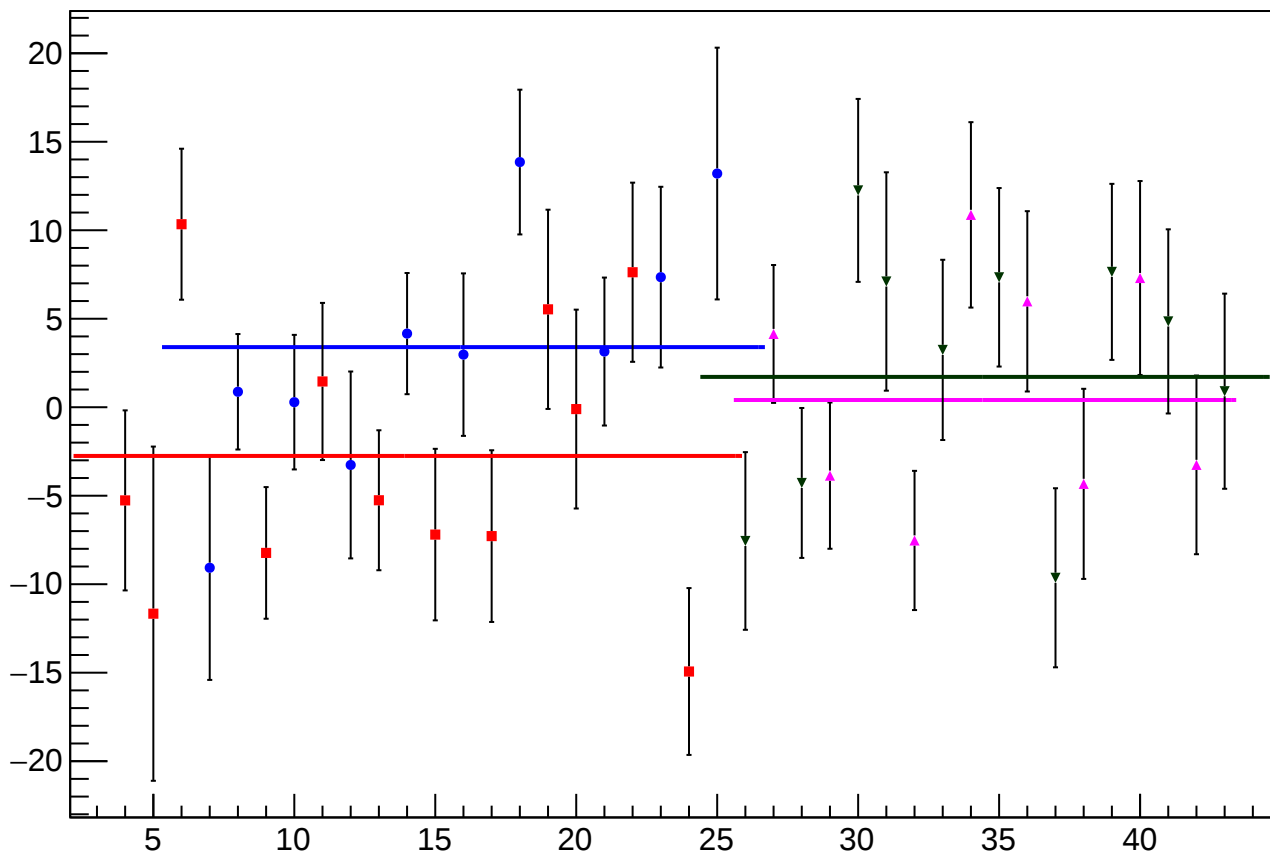
4483.908 $\pm$ 0.940 χ^2 /NDF: 705243.1/19

Right Out: 4643.387 $\pm$ 1.308 χ^2 /NDF: 168050.7/11

4332.358 $\pm$ 0.910 χ^2 /NDF: 315528.6/19

Left In: 4040.592 $\pm$ 1.267 χ^2 /NDF:37895.8/7

diff_bpm12Y_mean vs slug



Right In: 3.397 ± 1.371 $\chi^2/\text{NDF}: 15.8/9$

Left Out: 1.714 ± 1.609 $\chi^2/\text{NDF}: 18.5/9$

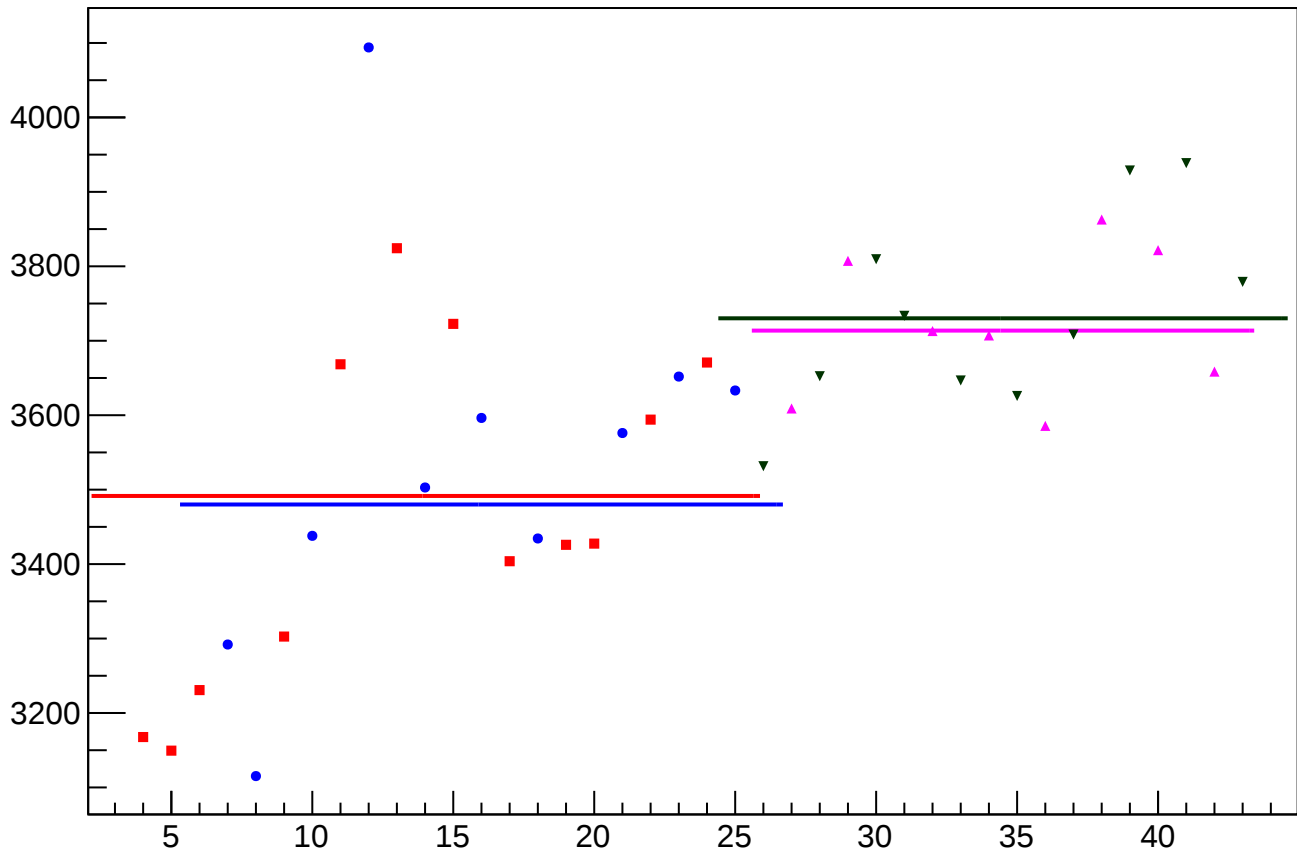
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

Left In: 0.409 ± 1.641 $\chi^2/\text{NDF}: 14.1/7$

2.688 ± 1.044 $\chi^2/\text{NDF}: 35.0/19$

-1.441 ± 1.057 $\chi^2/\text{NDF}: 45.3/19$

diff_bpm12Y_rms vs slug



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

Left Out: 3730.162+/-1.138 χ^2/NDF :12266.4/9

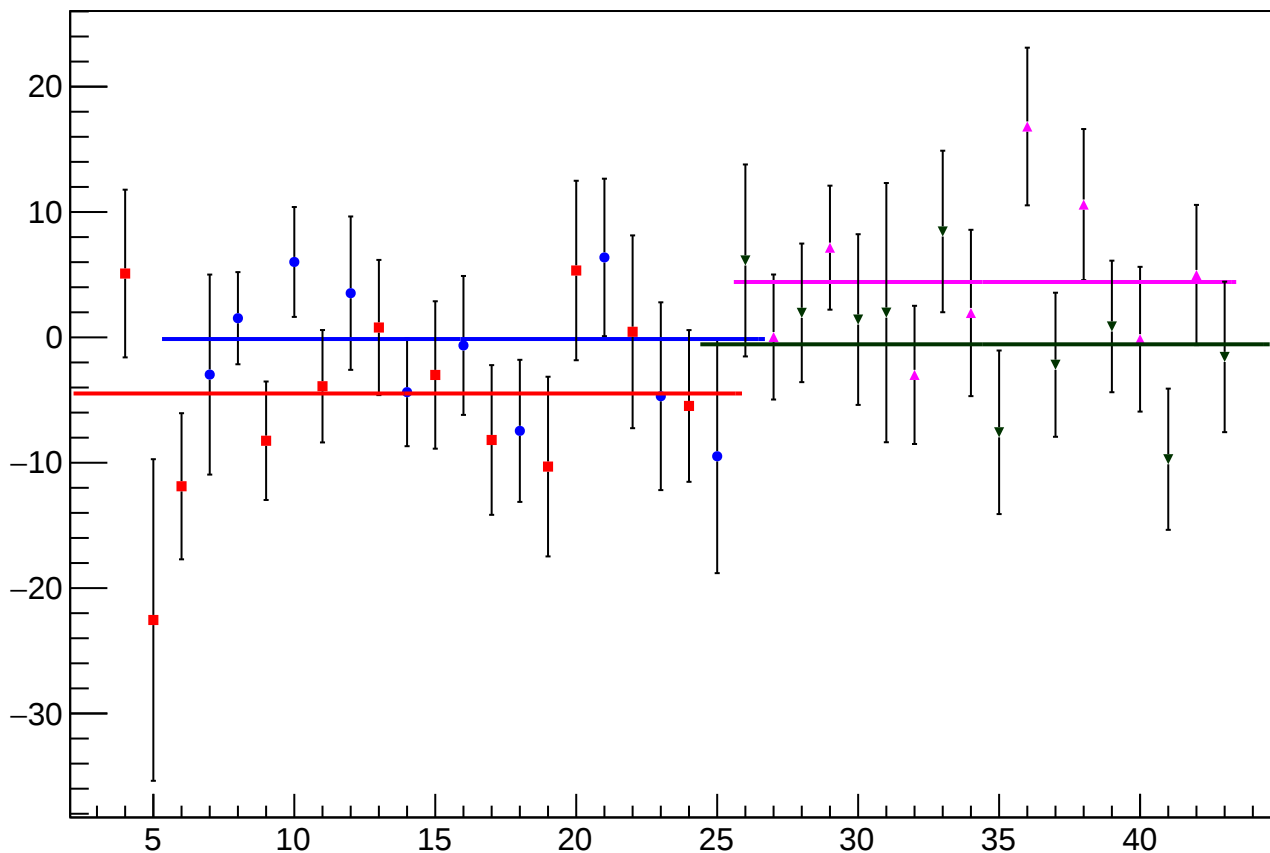
3585.306+/-0.738 χ^2/NDF : 100176.1/19

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

3583.642+/-0.747 χ^2/NDF : 77883.9/19

Left In: 3713.650+/-1.160 χ^2/NDF :6295.2/7

diff_bpm16X_mean vs slug



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

Left Out: -0.553 ± 1.983 χ^2/NDF : 7.1/9

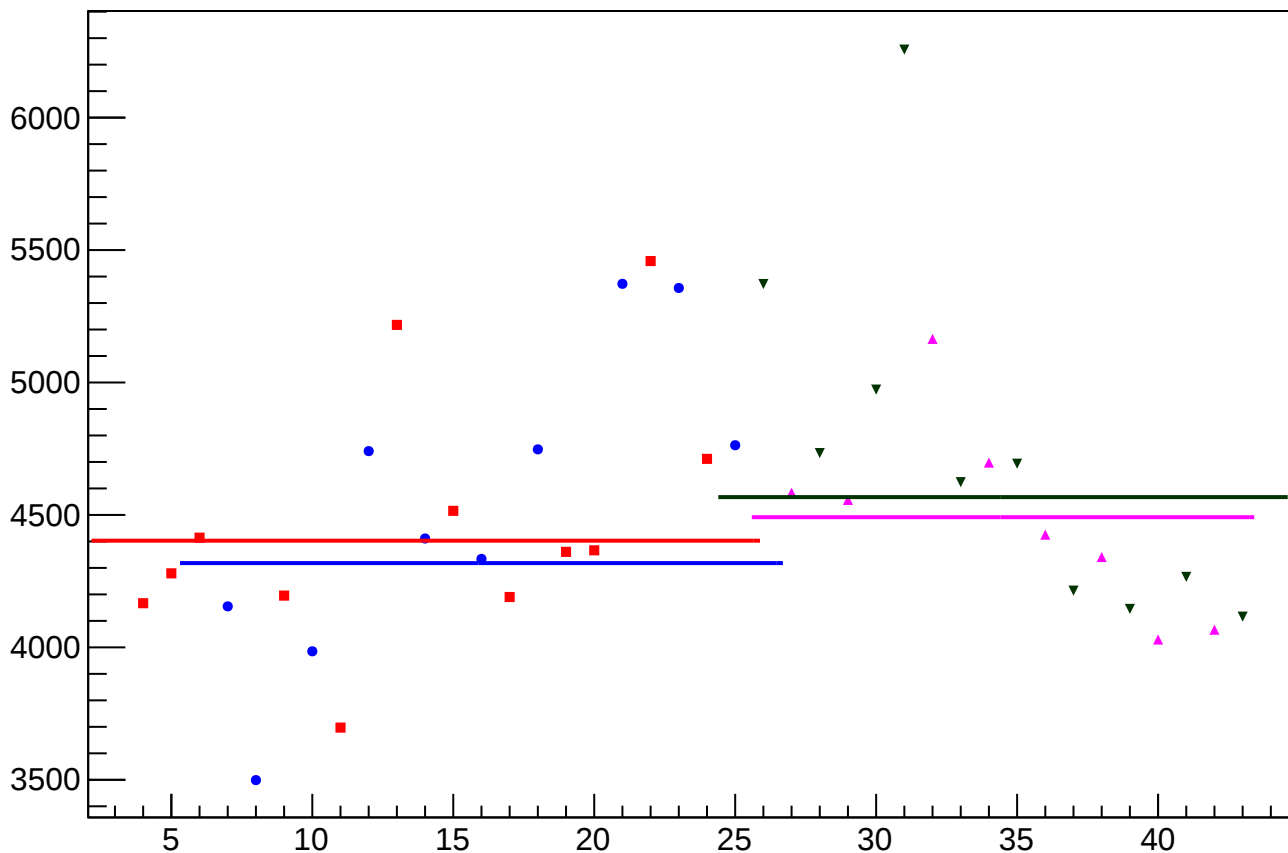
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 4.418 ± 1.994 χ^2/NDF : 8.6/7

-0.311 ± 1.297 χ^2/NDF : 14.8/19

-0.609 ± 1.315 χ^2/NDF : 30.5/19

diff_bpm16X_rms vs slug



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

Left Out: 4567.308+/-1.402 χ^2/NDF :122824.8/9

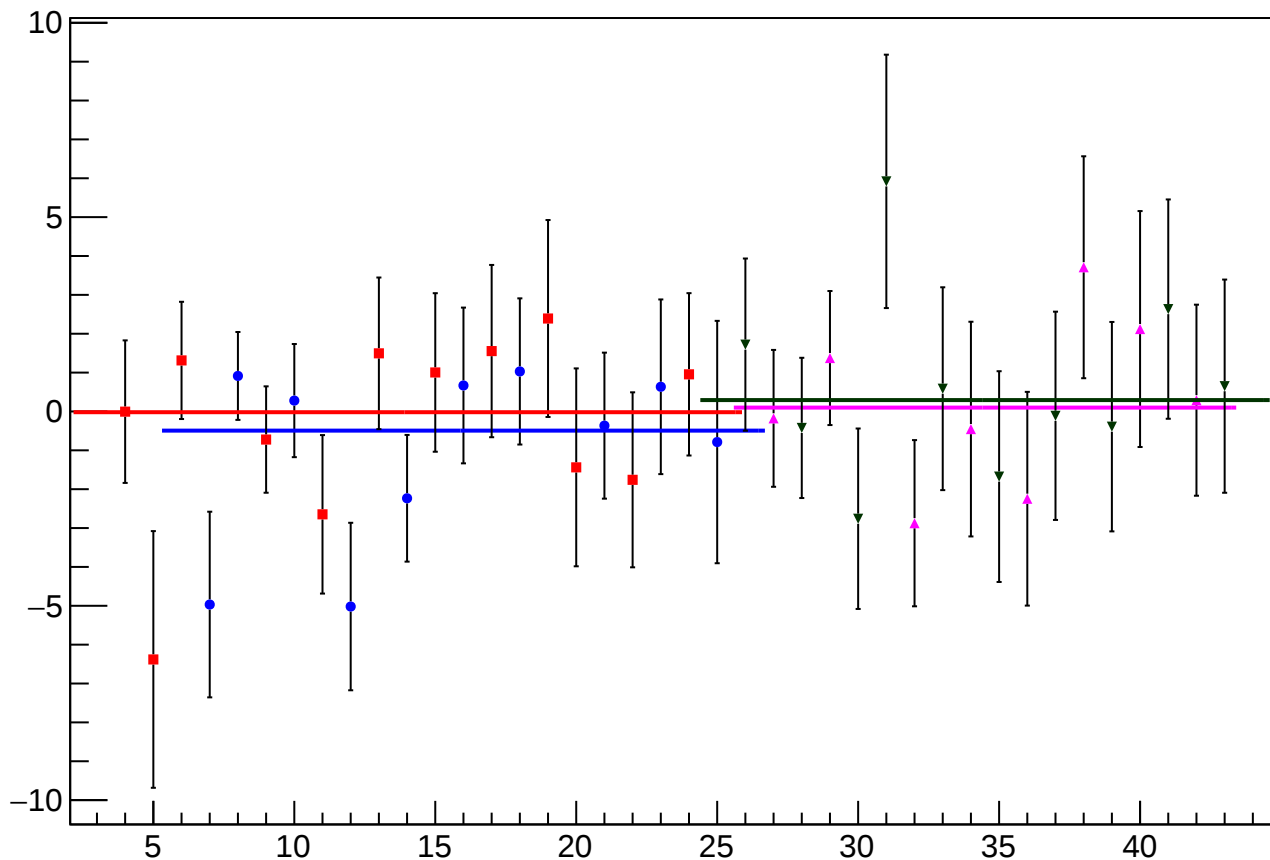
4424.639+/-0.917 χ^2/NDF : 374021.7/19

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

4441.351+/-0.930 χ^2/NDF : 208891.7/19

Left In: 4491.492+/-1.410 χ^2/NDF :58601.8/7

diff_bpm16Y_mean vs slug



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

Left Out: 0.293 ± 0.788 $\chi^2/\text{NDF}: 6.6/9$

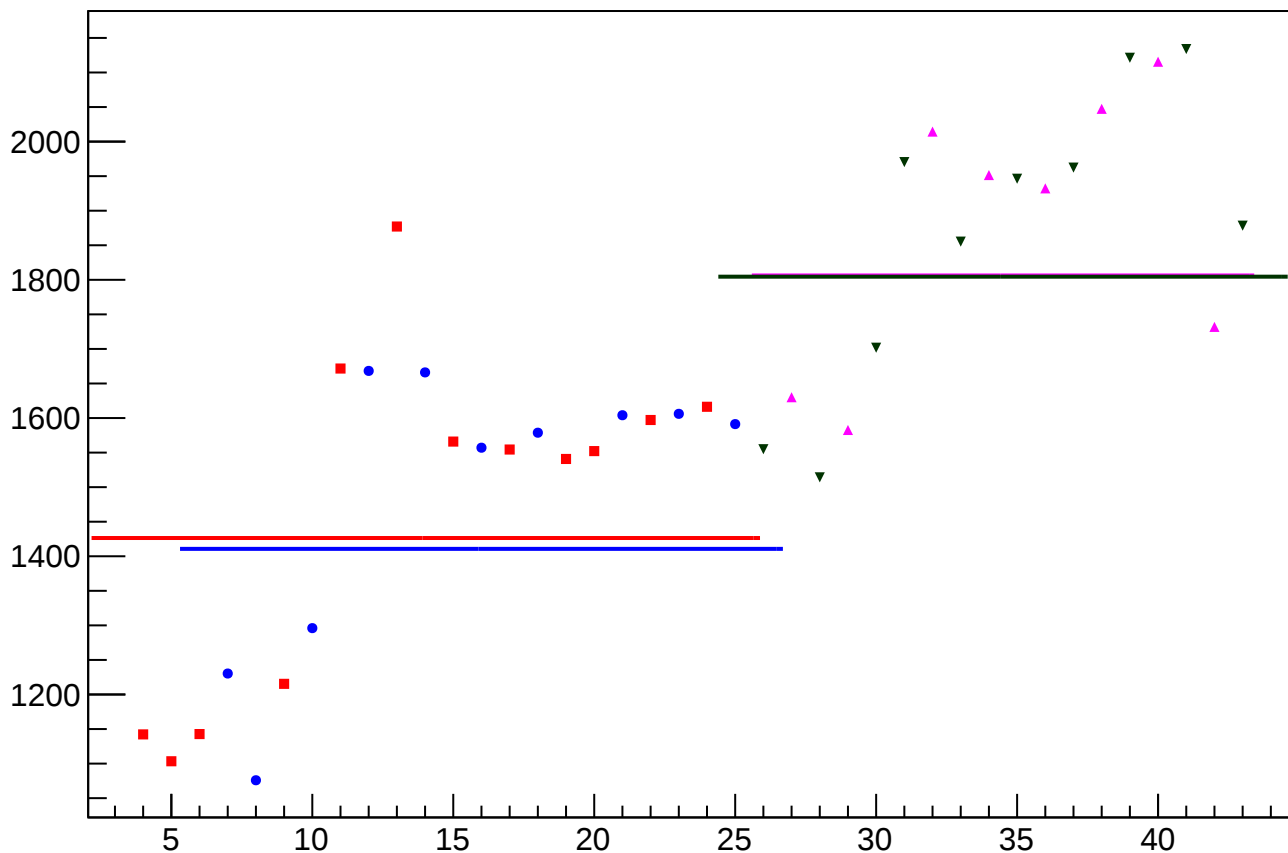
Right Out: -0.019 ± 0.573 $\chi^2/\text{NDF}: 9.8/11$

Left In: 0.099 ± 0.806 $\chi^2/\text{NDF}: 5.3/7$

-0.227 ± 0.459 $\chi^2/\text{NDF}: 19.4/19$

0.021 ± 0.467 $\chi^2/\text{NDF}: 15.1/19$

diff_bpm16Y_rms vs slug



Right In: 1410.712+/-0.399 χ^2/NDF : 346456.4/9

Left Out: 1804.555+/-0.557 χ^2/NDF :155790.9/9

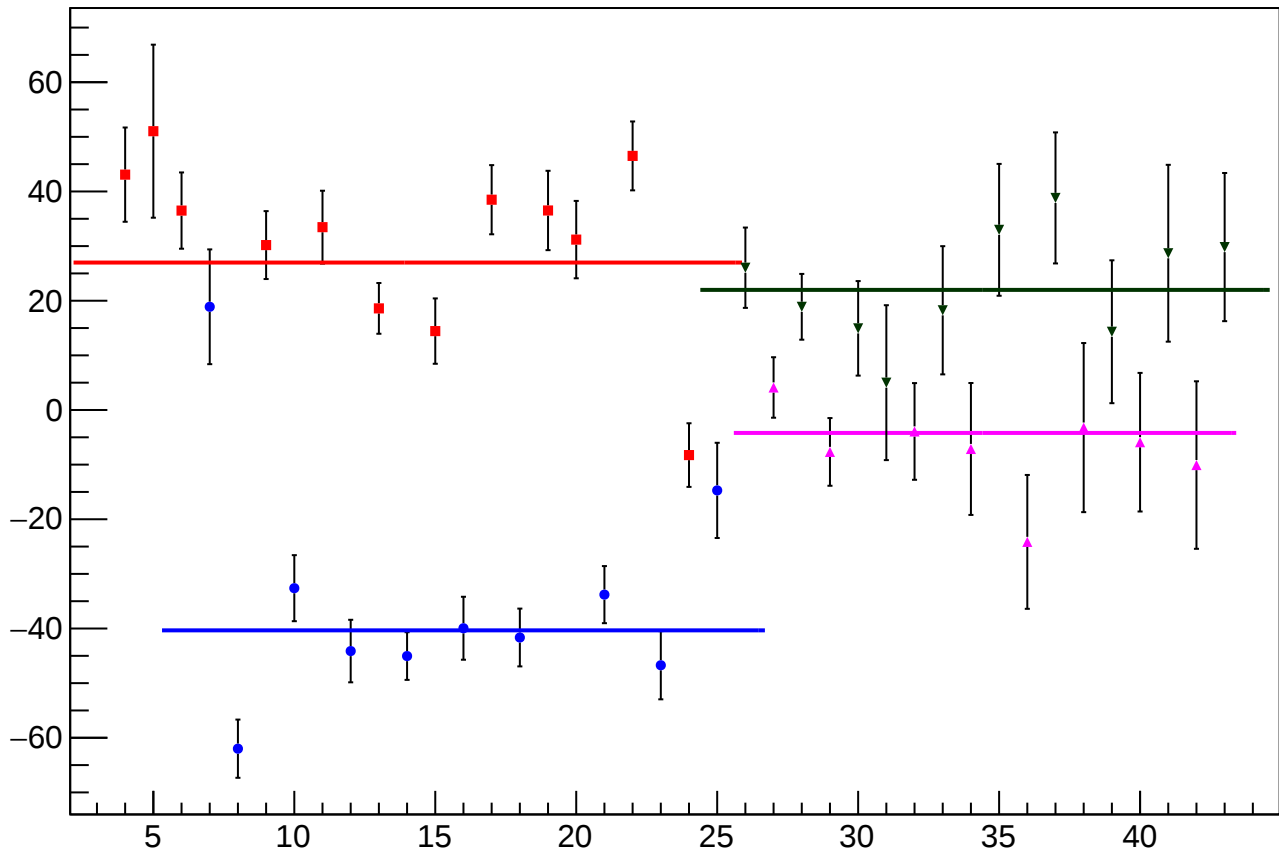
Right Out: 1426.417+/-0.405 χ^2/NDF : 374185.0/11

Left In: 1806.352+/-0.570 χ^2/NDF :119197.1/7

1544.232+/-0.325 χ^2/NDF : 832186.6/19

1553.862+/-0.330 χ^2/NDF : 788400.0/19

diff_bpm0l01X_mean vs slug



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

Left Out: 21.984 ± 3.153 χ^2/NDF : 6.4/9

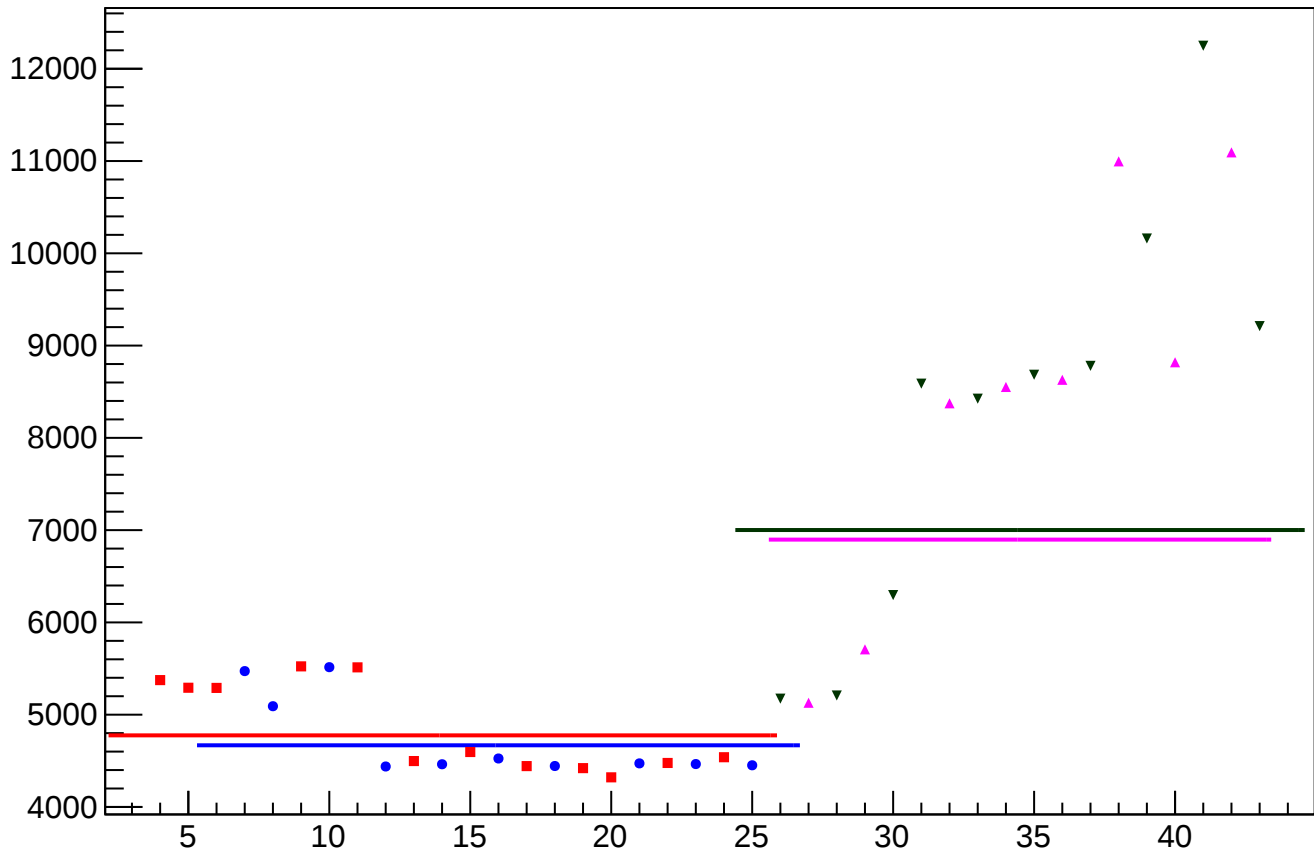
Right Out: 26.988 ± 1.893 χ^2/NDF : 68.1/11

Left In: -4.199 ± 3.169 χ^2/NDF : 5.5/7

-24.531 ± 1.588 χ^2/NDF : 360.9/19

18.785 ± 1.625 χ^2/NDF : 144.9/19

diff_bpm0l01X_rms vs slug



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

Left Out: 7001.132+/-2.229 χ^2/NDF : 831756.0/9

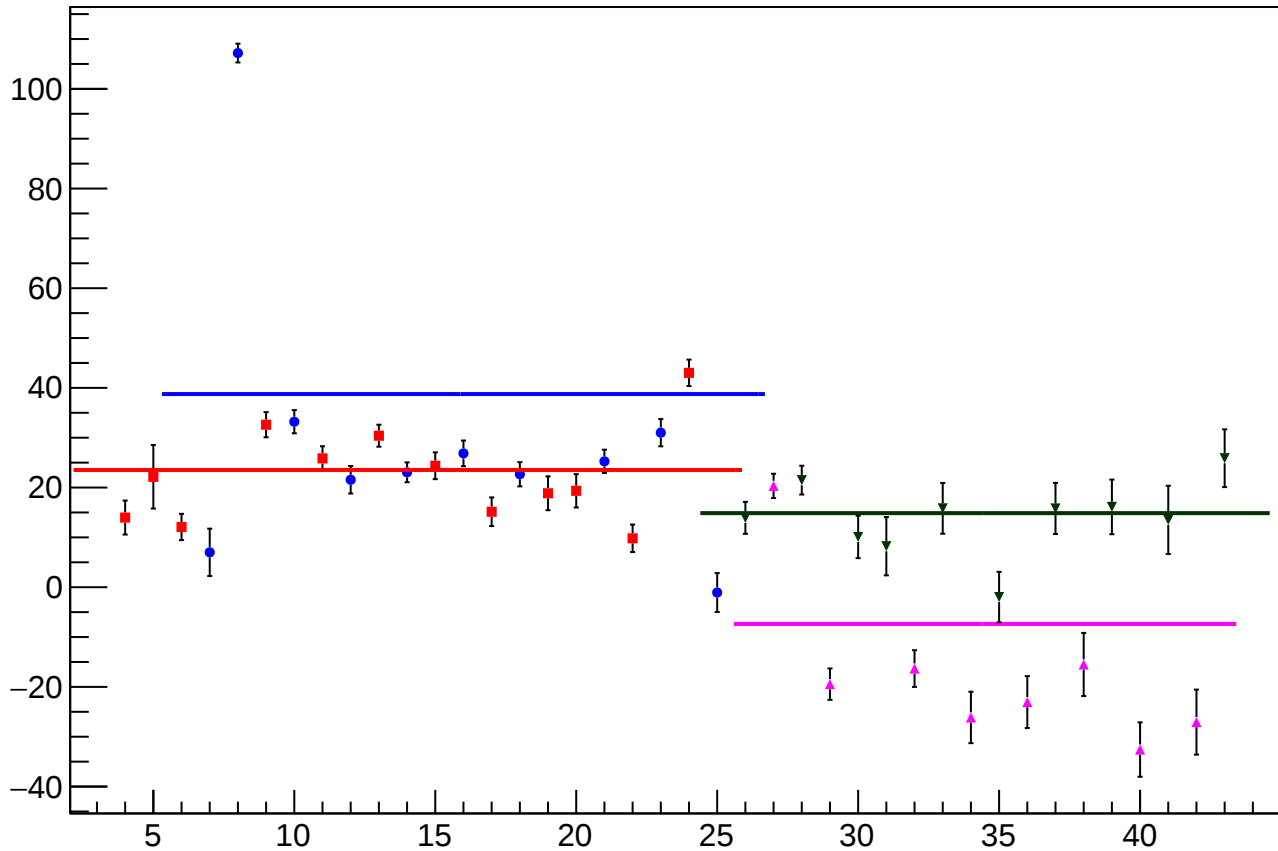
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

Left In: 6897.238+/-2.240 χ^2/NDF : 746920.7/7

5259.944+/-1.123 χ^2/NDF : 1731305.5/19

5333.902+/-1.149 χ^2/NDF : 1518933.6/19

diff_bpm0l01Y_mean vs slug



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

Left Out: 14.865 $\pm$ 1.412 χ^2 /NDF: 22.7/9

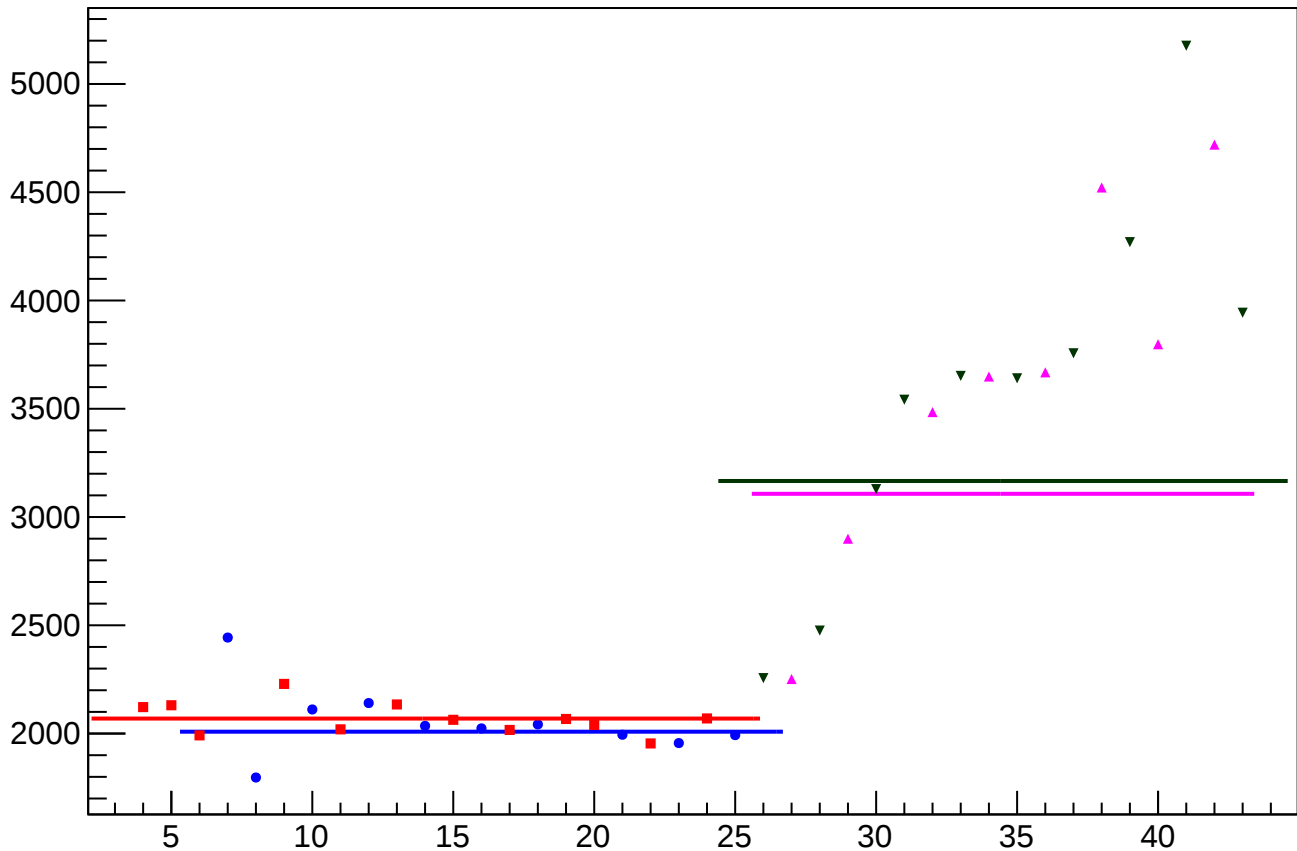
Right Out: 23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

Left In: -7.371 $\pm$ 1.415 χ^2 /NDF: 204.3/7

33.045 $\pm$ 0.691 χ^2 /NDF: 1921.1/19

15.783 $\pm$ 0.708 χ^2 /NDF: 702.6/19

diff_bpm0l01Y_rms vs slug



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

Left Out: 3166.393+/-0.999 χ^2/NDF : 635521.0/9

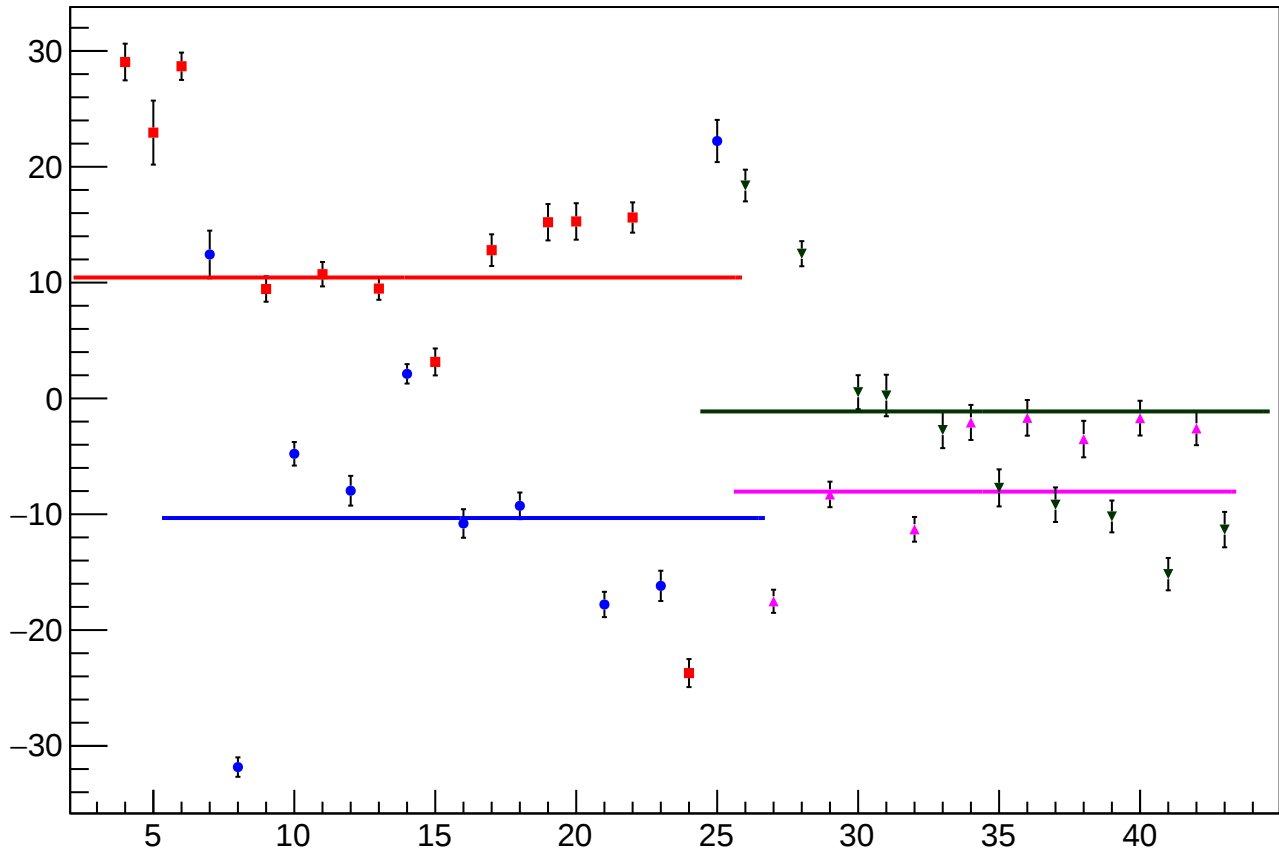
2285.406+/-0.488 χ^2/NDF : 1710534.3/19

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

2329.445+/-0.501 χ^2/NDF : 1399116.9/19

Left In: 3107.202+/-1.001 χ^2/NDF : 575394.2/7

diff_bpm2i01X_mean vs slug



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

Left Out: -1.124 ± 0.453 χ^2/NDF : 599.1/9

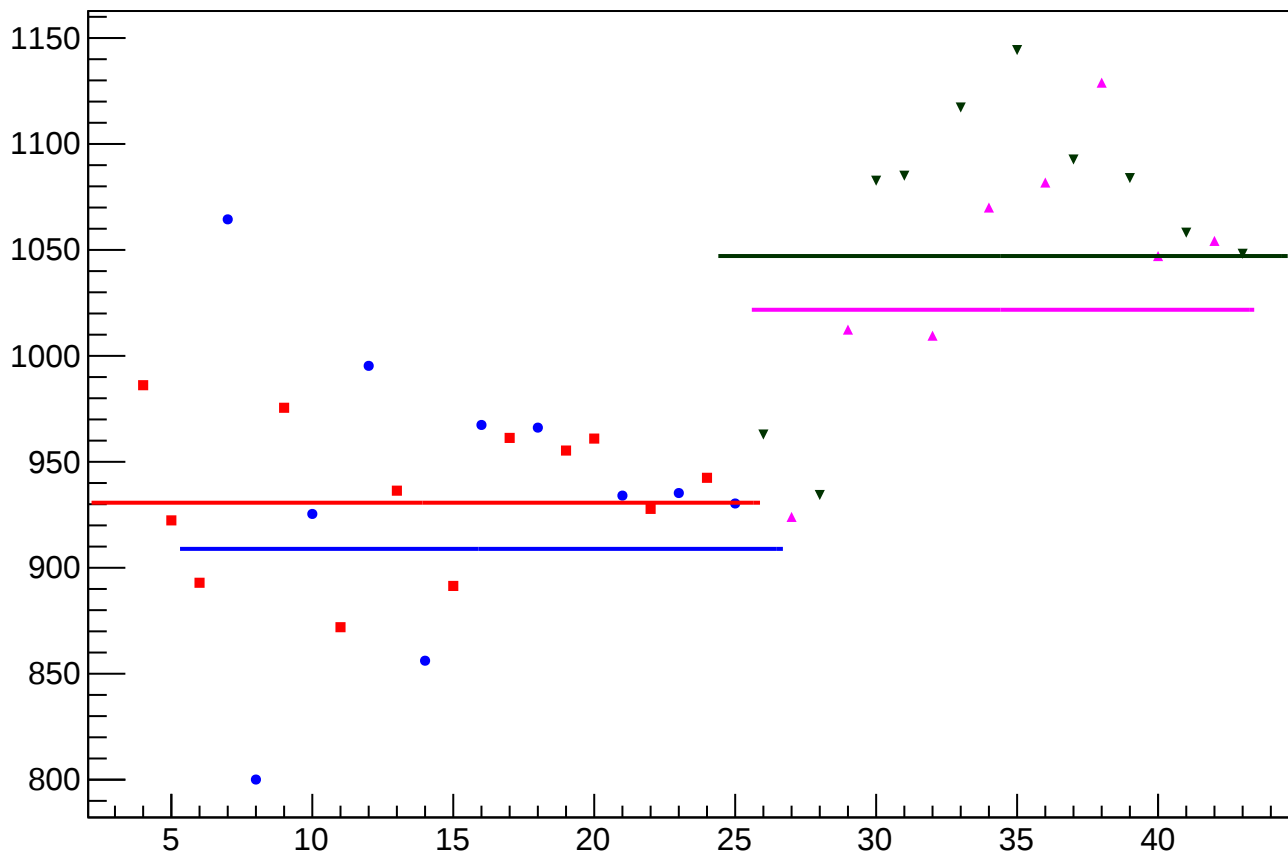
Right Out: 10.440 ± 0.368 χ^2/NDF : 1273.2/11

Left In: -8.046 ± 0.452 χ^2/NDF : 172.2/7

-6.784 ± 0.281 χ^2/NDF : 2273.6/19

3.085 ± 0.285 χ^2/NDF : 2450.5/19

diff_bpm2i01X_rms vs slug



Right In: 908.921 $\pm$ 0.253 χ^2 /NDF: 74231.9/9

Left Out: 1047.121 $\pm$ 0.320 χ^2 /NDF: 46145.4/9

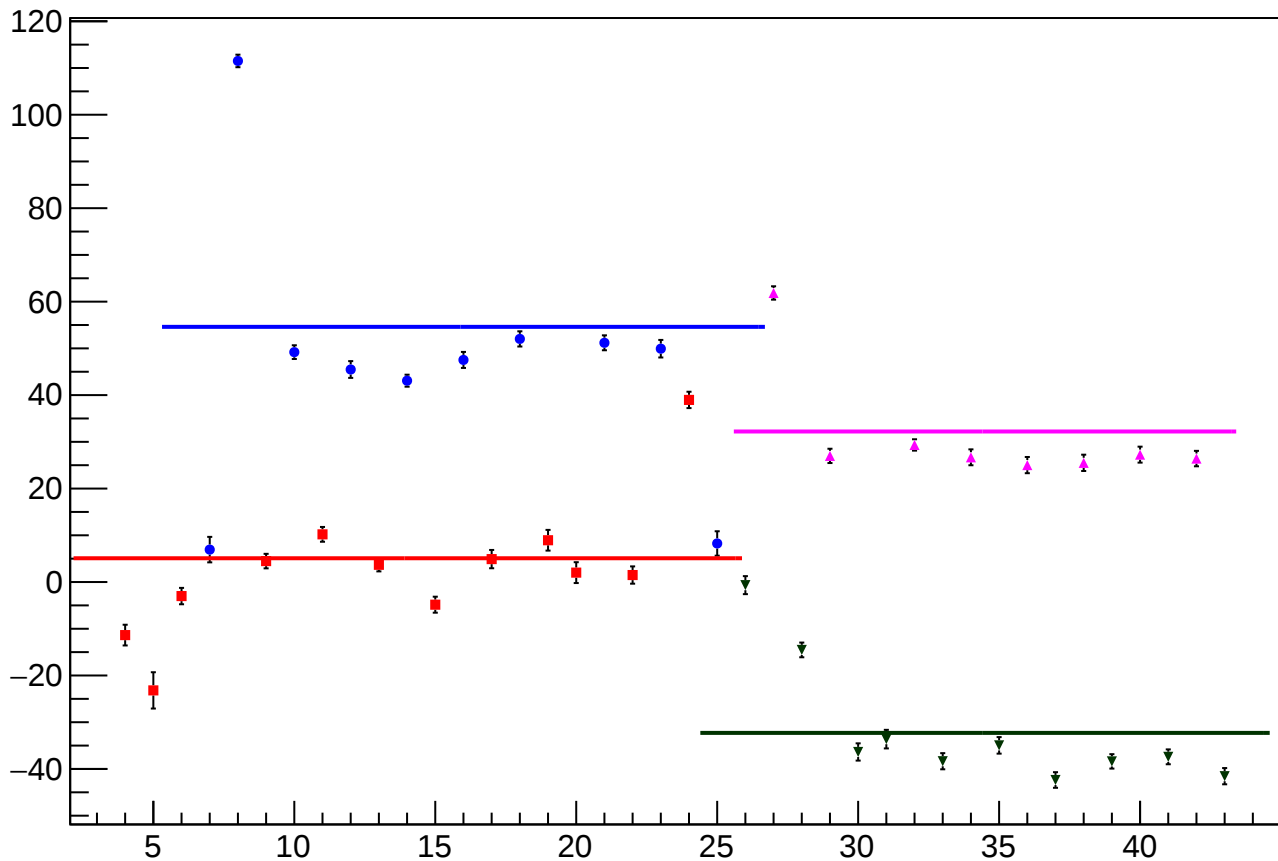
Right Out: 930.706 $\pm$ 0.260 χ^2 /NDF: 18818.7/11

Left In: 1021.758 $\pm$ 0.320 χ^2 /NDF: 35459.8/7

962.114 $\pm$ 0.199 χ^2 /NDF: 235007.8/19

966.934 $\pm$ 0.202 χ^2 /NDF: 103044.7/19

diff_bpm2i01Y_mean vs slug



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

Left Out: -32.284 $\pm$ 0.544 χ^2 /NDF:507.1/9

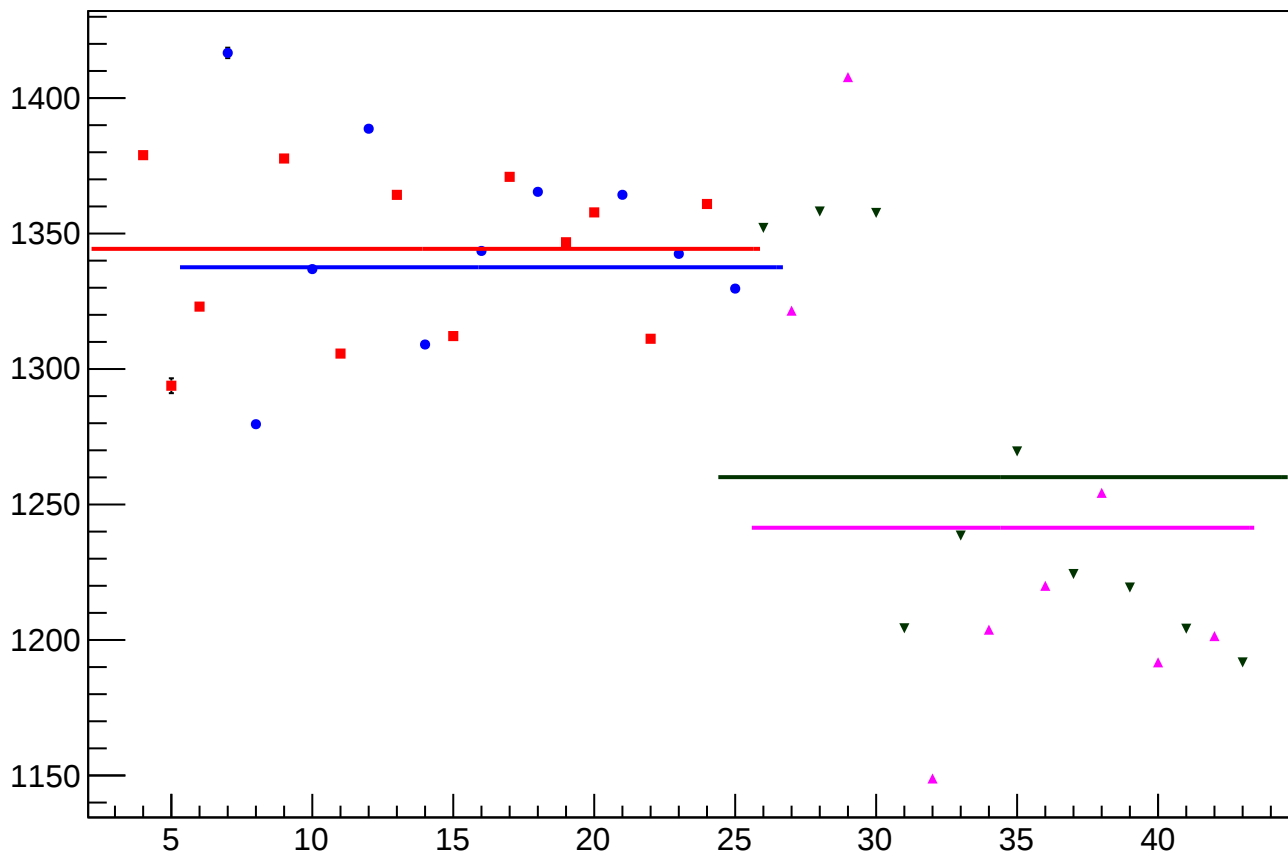
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 32.215 $\pm$ 0.550 χ^2 /NDF:510.7/7

12.618 $\pm$ 0.378 χ^2 /NDF: 16255.1/19

18.202 $\pm$ 0.382 χ^2 /NDF: 2328.5/19

diff_bpm2i01Y_rms vs slug



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

Left Out: 1260.097 ± 0.385 χ^2/NDF : 27715.7/9

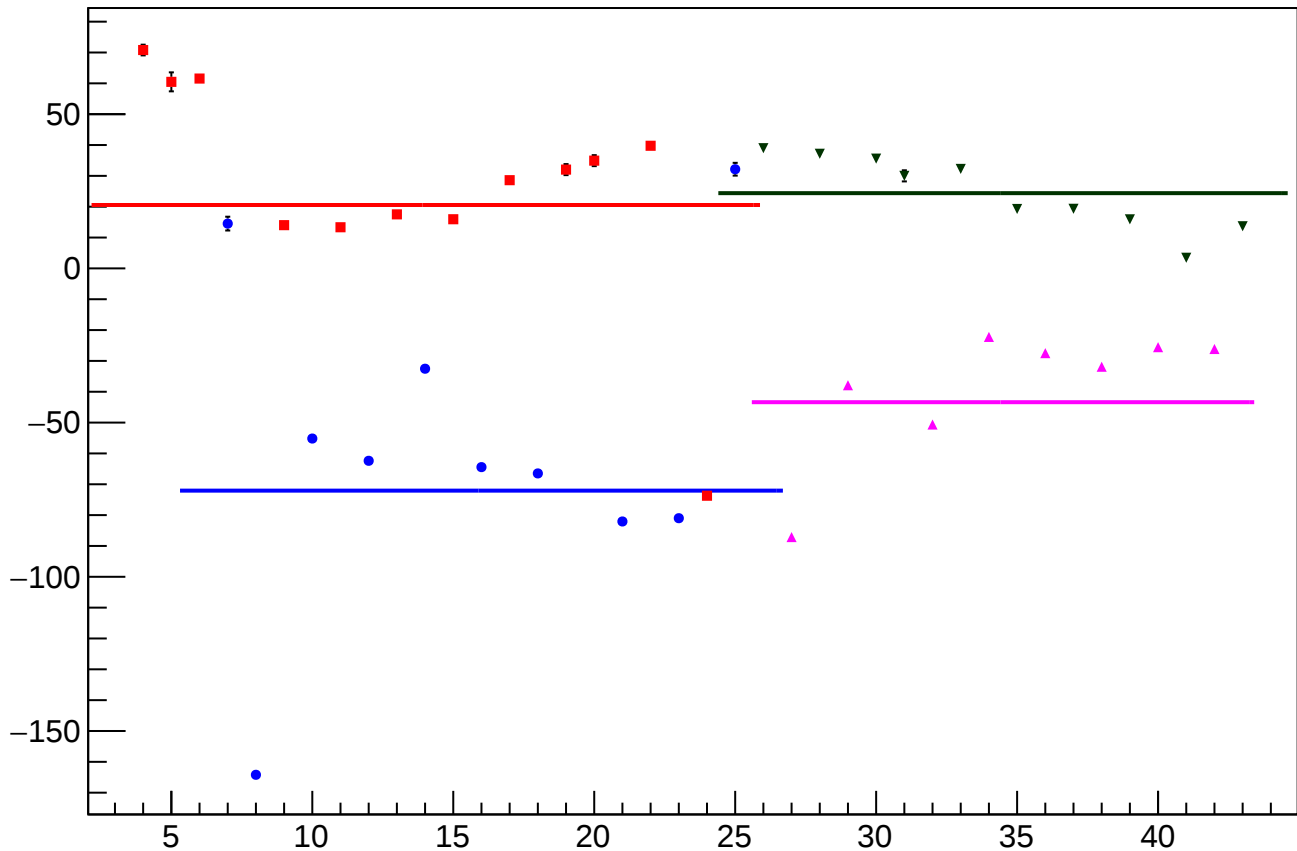
Right Out: 1344.349 ± 0.376 χ^2/NDF : 5607.5/11

Left In: 1241.421 ± 0.389 χ^2/NDF : 45804.0/7

1300.127 ± 0.267 χ^2/NDF : 57890.1/19

1294.587 ± 0.270 χ^2/NDF : 87649.6/19

diff_bpm2i02X_mean vs slug



Right In: -72.062+/-0.408 χ^2/NDF : 15030.6/9

Left Out: 24.394+/-0.474 χ^2/NDF : 609.0/9

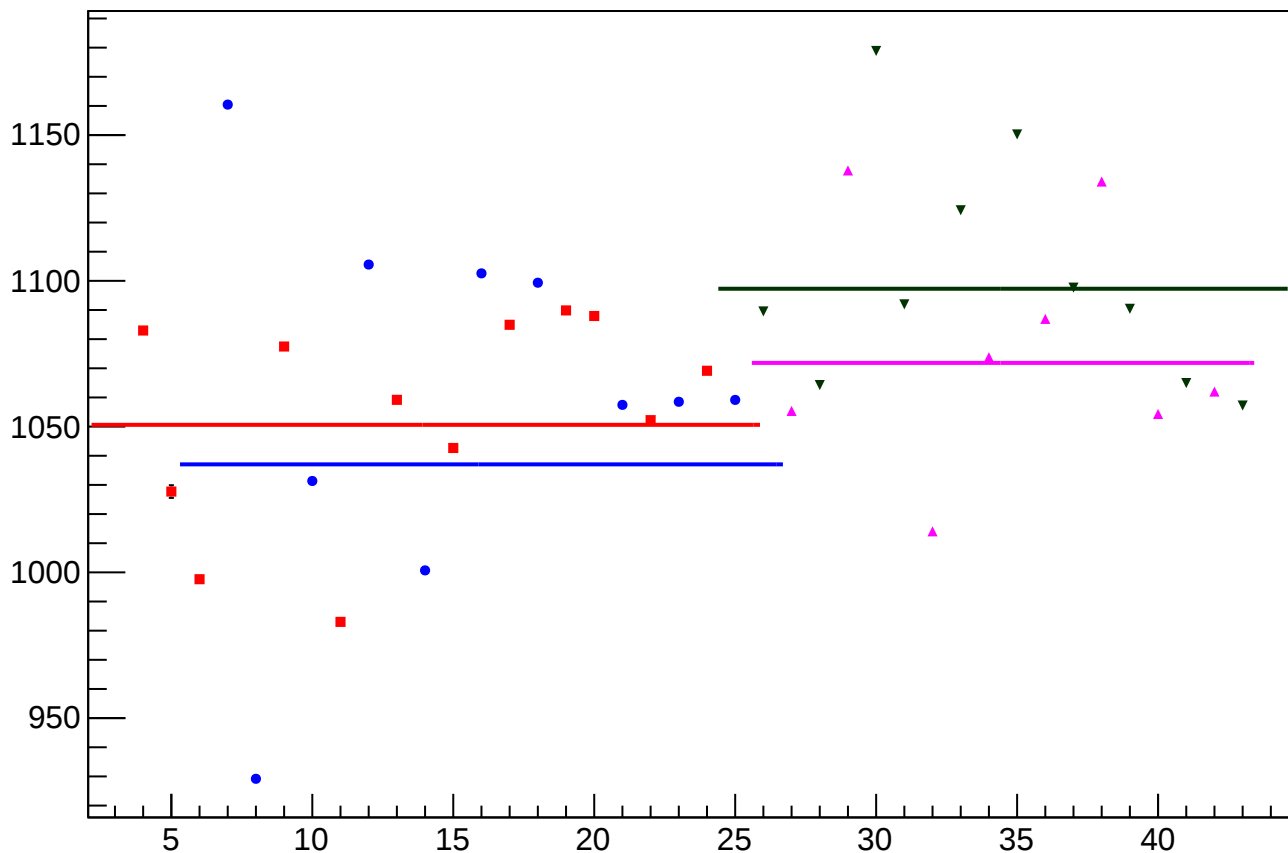
Right Out: 20.554+/-0.415 χ^2/NDF : 7076.4/11

Left In: -43.387+/-0.474 χ^2/NDF : 2167.3/7

-30.961+/-0.309 χ^2/NDF : 39448.6/19

-7.191+/-0.312 χ^2/NDF : 19541.6/19

diff_bpm2i02X_rms vs slug



Right In: 1037.049 $\pm$ 0.289 χ^2 /NDF: 48151.7/9

Left Out: 1097.296 $\pm$ 0.335 χ^2 /NDF:11915.4/9

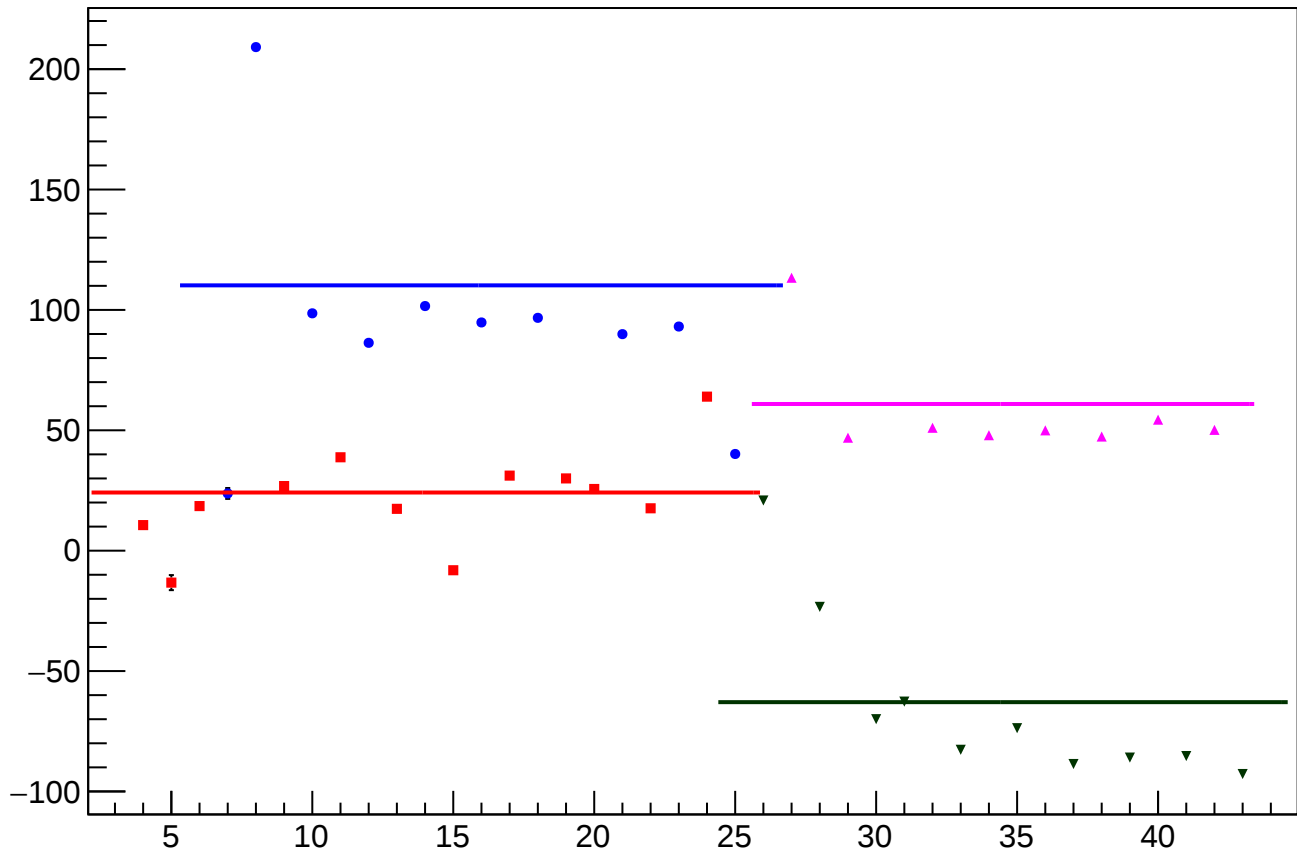
Right Out: 1050.613 $\pm$ 0.293 χ^2 /NDF: 14851.7/11

Left In: 1071.850 $\pm$ 0.335 χ^2 /NDF:15569.2/7

1062.721 $\pm$ 0.219 χ^2 /NDF: 78644.8/19

1059.828 $\pm$ 0.221 χ^2 /NDF: 32692.9/19

diff_bpm2i02Y_mean vs slug



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

Left Out: -62.914 $\pm$ 0.478 χ^2 /NDF: 5328.9/9

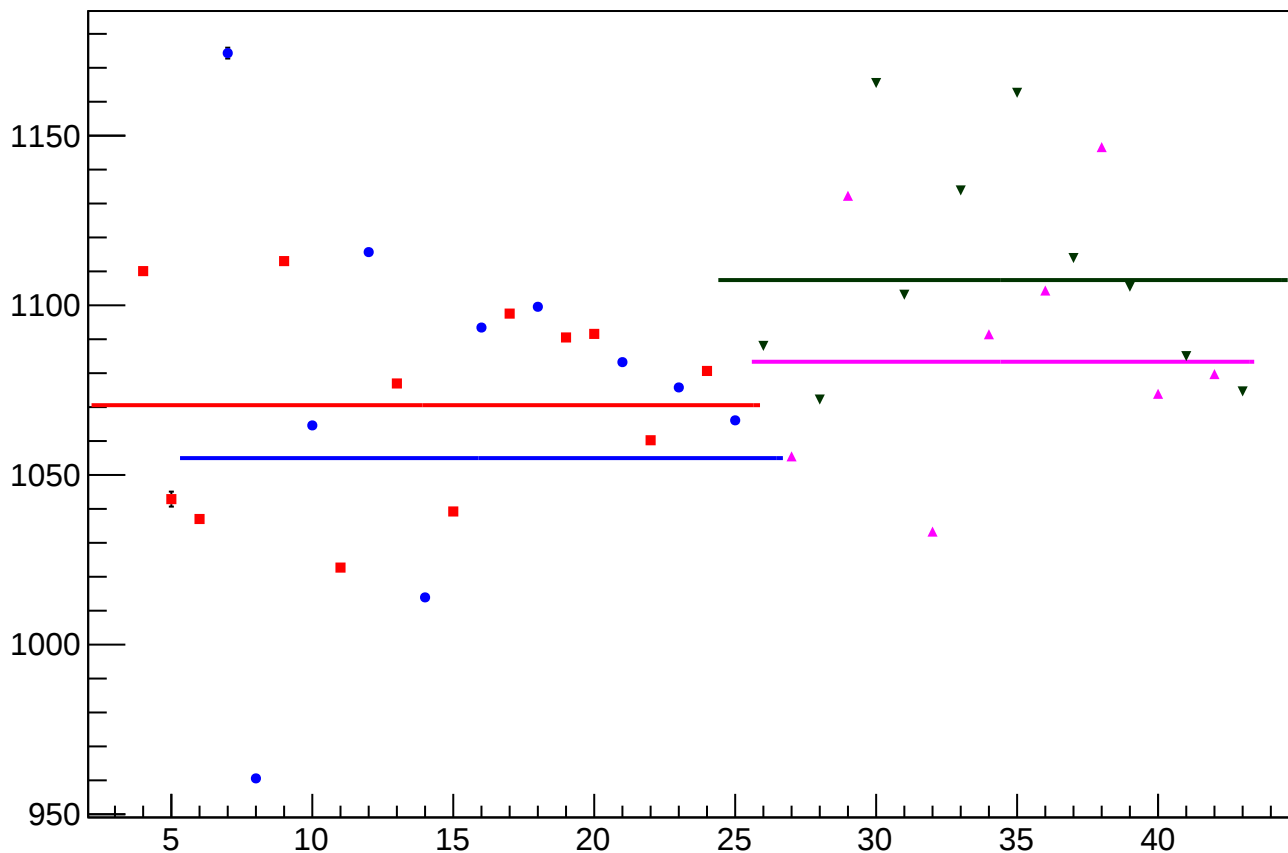
Right Out: 24.160 $\pm$ 0.423 χ^2 /NDF: 1842.7/11

Left In: 60.926 $\pm$ 0.479 χ^2 /NDF: 2585.9/7

35.750 $\pm$ 0.313 χ^2 /NDF: 93459.5/19

40.271 $\pm$ 0.317 χ^2 /NDF: 7739.4/19

diff_bpm2i02Y_rms vs slug



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

Left Out: 1107.440+/-0.338 χ^2/NDF : 8902.6/9

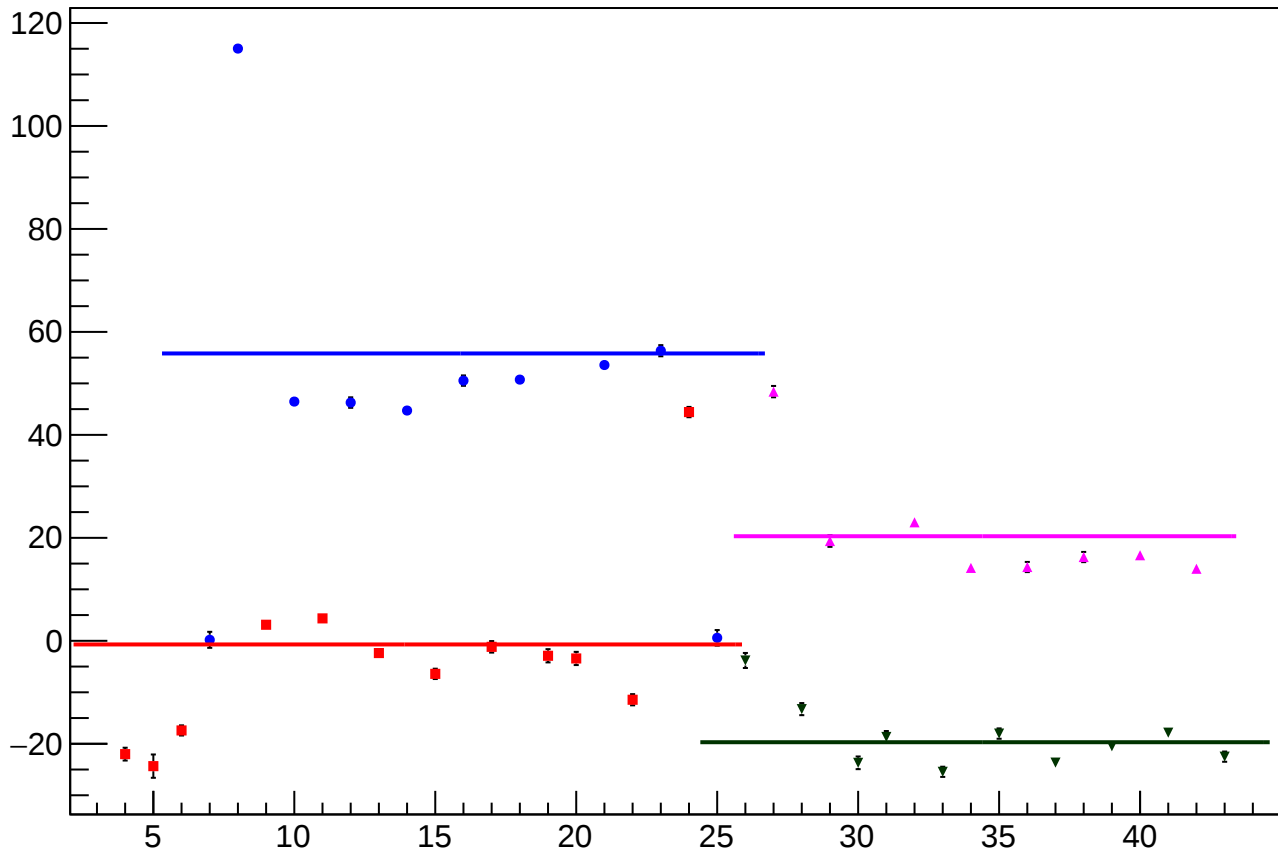
Right Out: 1070.566+/-0.299 χ^2/NDF : 10075.5/11

Left In: 1083.367+/-0.339 χ^2/NDF : 12190.7/7

1077.535+/-0.222 χ^2/NDF : 58190.7/19

1076.176+/-0.224 χ^2/NDF : 23069.0/19

diff_bpm1i04X_mean vs slug



Right In: 55.815 $\pm$ 0.302 χ^2 /NDF: 9212.6/9

Left Out: -19.696 $\pm$ 0.329 χ^2 /NDF:226.0/9

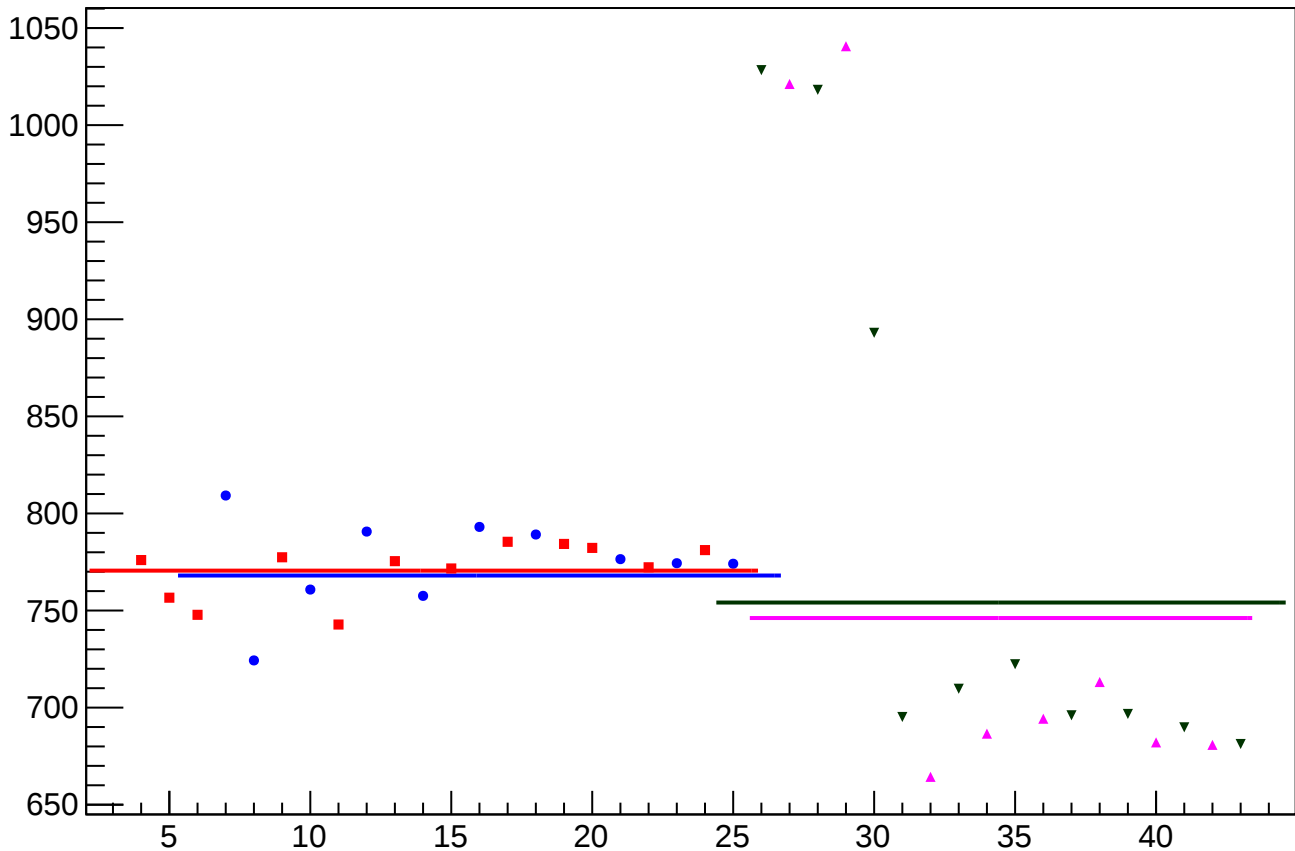
Right Out: -0.705 $\pm$ 0.304 χ^2 /NDF: 2908.1/11

Left In: 20.315 $\pm$ 0.335 χ^2 /NDF:818.3/7

21.362 $\pm$ 0.222 χ^2 /NDF: 38042.0/19

8.804 $\pm$ 0.225 χ^2 /NDF: 5887.1/19

diff_bpm1i04X_rms vs slug



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

Left Out: 754.119+/-0.233 χ^2/NDF : 244495.9/9

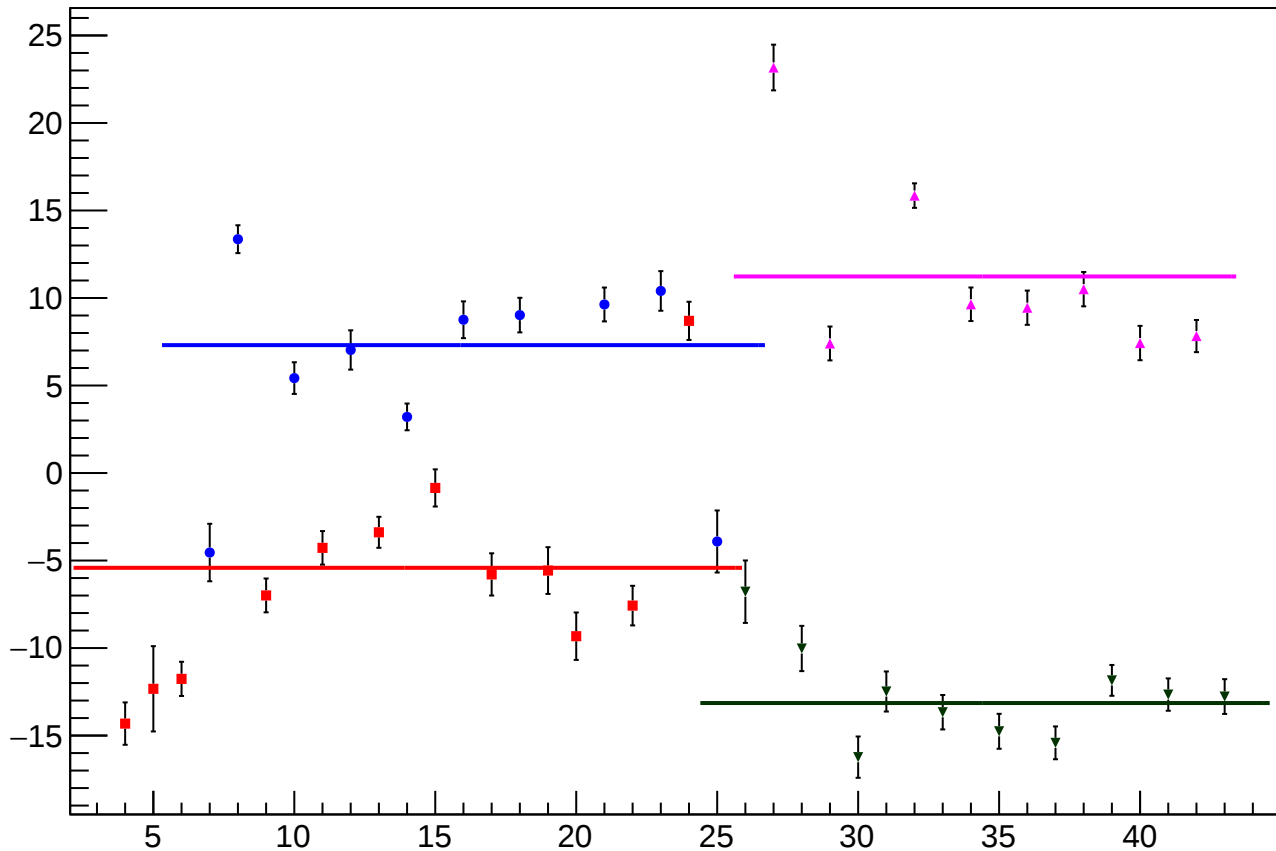
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 746.138+/-0.237 χ^2/NDF : 321383.7/7

761.681+/-0.157 χ^2/NDF : 258548.1/19

759.506+/-0.159 χ^2/NDF : 331471.5/19

diff_bpm1i04Y_mean vs slug



Right In: 7.307 ± 0.320 χ^2/NDF : 201.3/9

Left Out: -13.141 ± 0.333 χ^2/NDF : 37.1/9

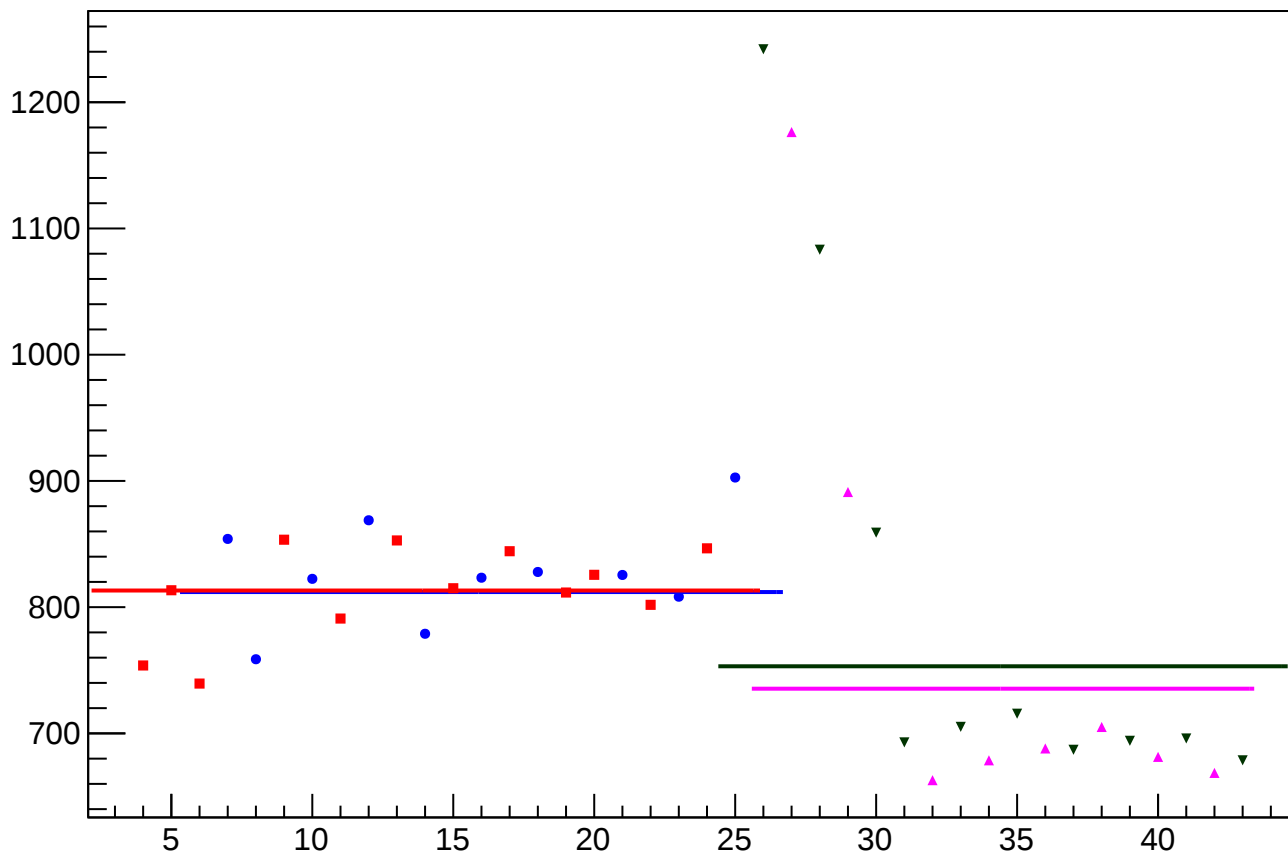
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 11.230 ± 0.332 χ^2/NDF : 178.1/7

-2.517 ± 0.231 χ^2/NDF : 2202.3/19

2.665 ± 0.231 χ^2/NDF : 1784.9/19

diff_bpm1i04Y_rms vs slug



Right In: 811.972 ± 0.226 χ^2/NDF : 25796.5/9

Left Out: 753.162 ± 0.235 χ^2/NDF : 347457.9/9

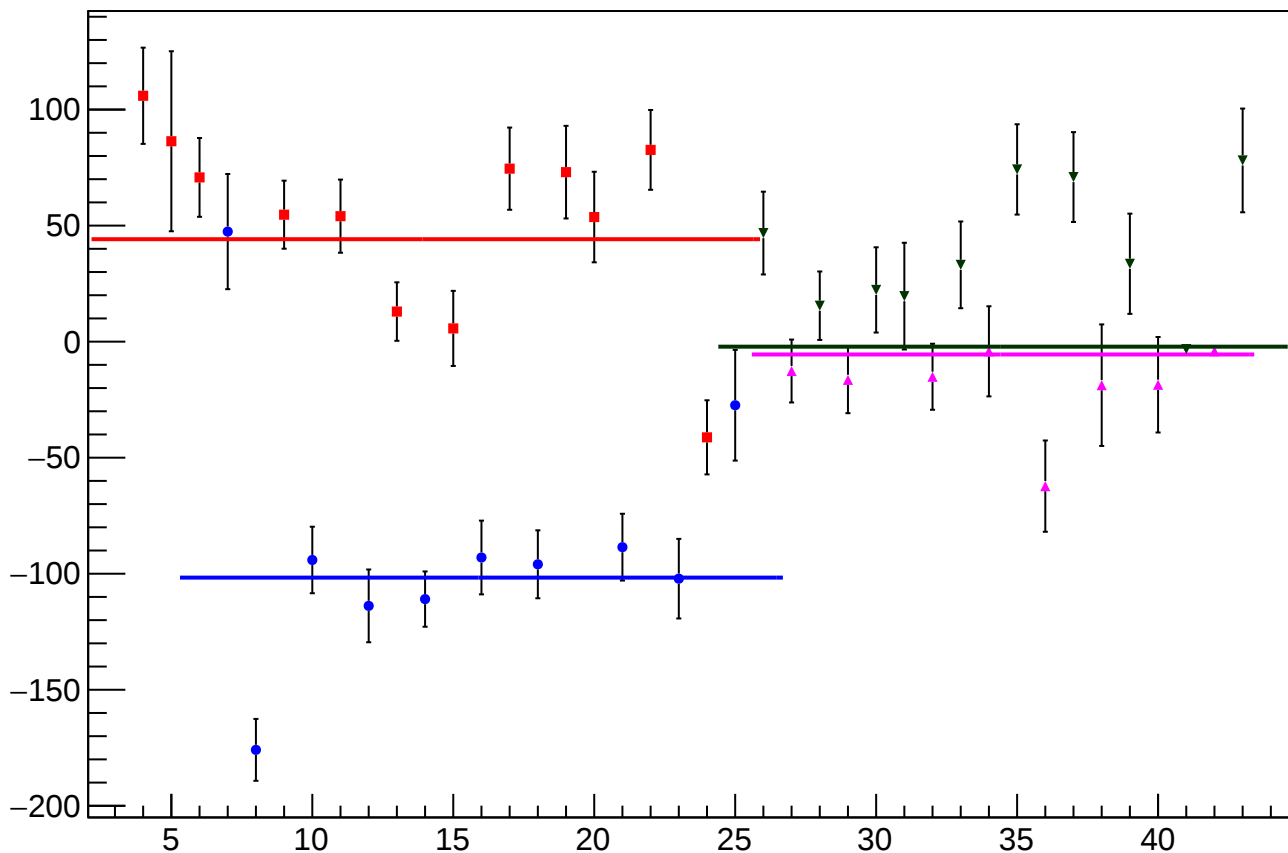
Right Out: 813.189 ± 0.228 χ^2/NDF : 28331.0/11

Left In: 735.412 ± 0.235 χ^2/NDF : 331675.7/7

783.719 ± 0.163 χ^2/NDF : 405743.1/19

775.432 ± 0.163 χ^2/NDF : 416564.2/19

diff_bpm0l02X_mean vs slug



Right In: -101.672 ± 4.889 χ^2/NDF : 79.6/9

Left Out: -2.165 ± 0.972 χ^2/NDF : 61.6/9

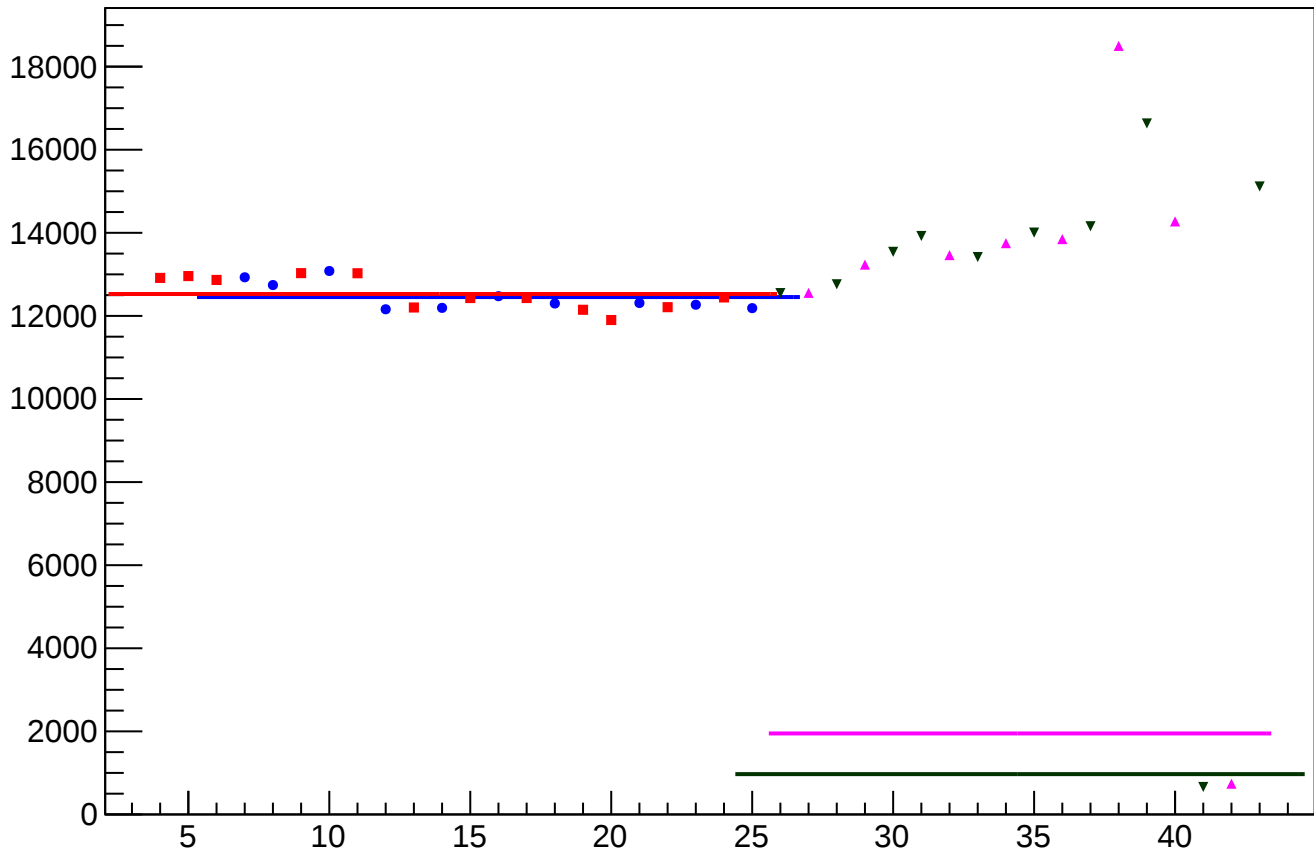
Right Out: 44.144 ± 4.946 χ^2/NDF : 64.1/11

Left In: -5.527 ± 1.962 χ^2/NDF : 10.8/7

-5.948 ± 0.953 χ^2/NDF : 539.7/19

1.229 ± 1.824 χ^2/NDF : 162.0/19

diff_bpm0l02X_rms vs slug



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

Left Out: 970.582 $\pm$ 0.687 χ^2 /NDF:8456735.2/9

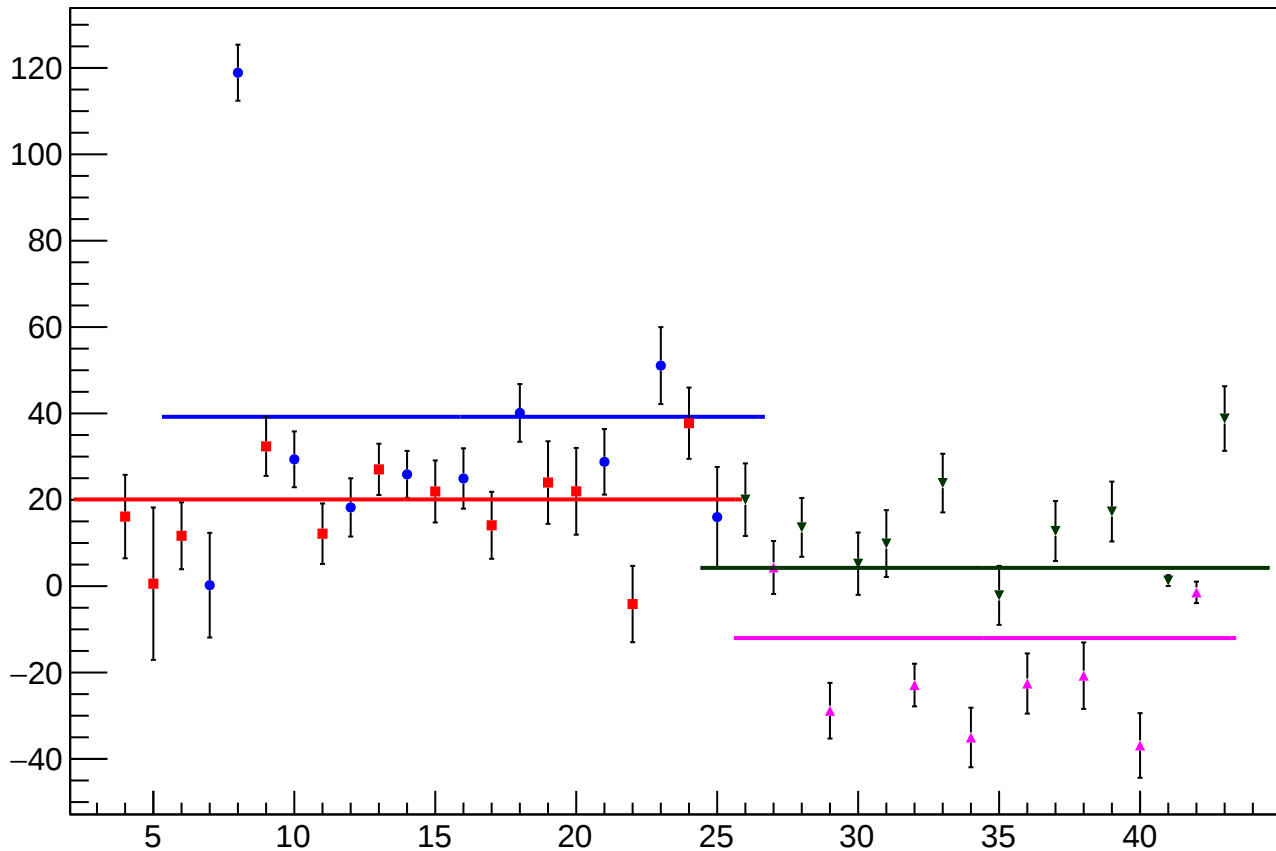
Right Out: 12527.068 $\pm$ 3.497 χ^2 /NDF: 11080.0/11

Left In: 1949.936 $\pm$ 1.388 χ^2 /NDF:7446563.5/7

1407.102 $\pm$ 0.674 χ^2 /NDF: 19080219.2/19

3388.566 $\pm$ 1.290 χ^2 /NDF: 15361334.3/19

diff_bpm0l02Y_mean vs slug



Right In: 39.218 $\pm$ 2.292 χ^2 /NDF: 190.8/9

Left Out: 4.234 $\pm$ 1.105 χ^2 /NDF: 47.2/9

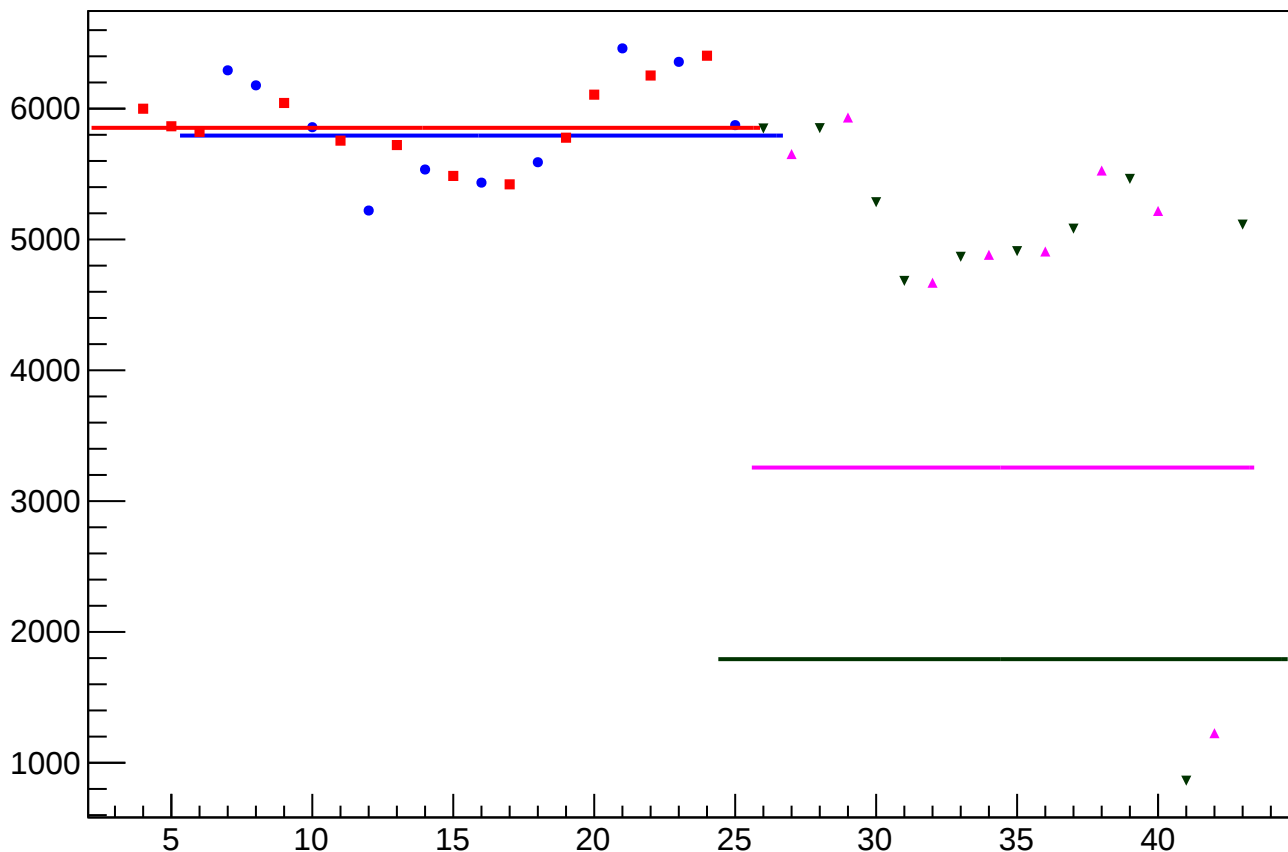
Right Out: 20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

Left In: -12.022 $\pm$ 1.743 χ^2 /NDF: 62.6/7

10.837 $\pm$ 0.996 χ^2 /NDF: 427.1/19

-0.466 $\pm$ 1.394 χ^2 /NDF: 206.1/19

diff_bpm0l02Y_rms vs slug



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

Left Out: 1792.038+/-0.782 χ^2/NDF : 5271430.0/9

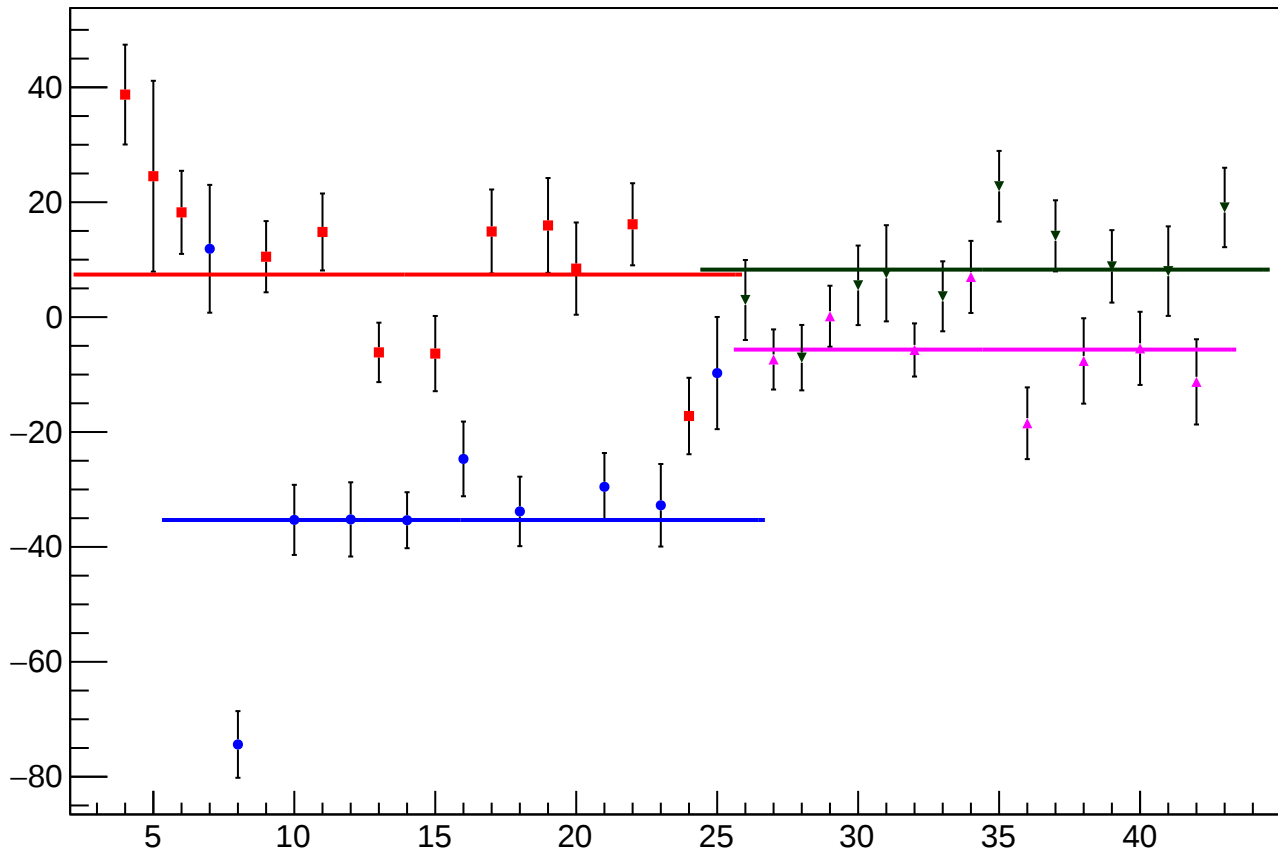
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 3256.566+/-1.232 χ^2/NDF : 2677392.5/7

2547.398+/-0.704 χ^2/NDF : 10280450.1/19

4191.252+/-0.986 χ^2/NDF : 4304893.1/19

diff_bpm0l03X_mean vs slug



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

Left Out: 8.269 ± 2.091 χ^2/NDF : 17.5/9

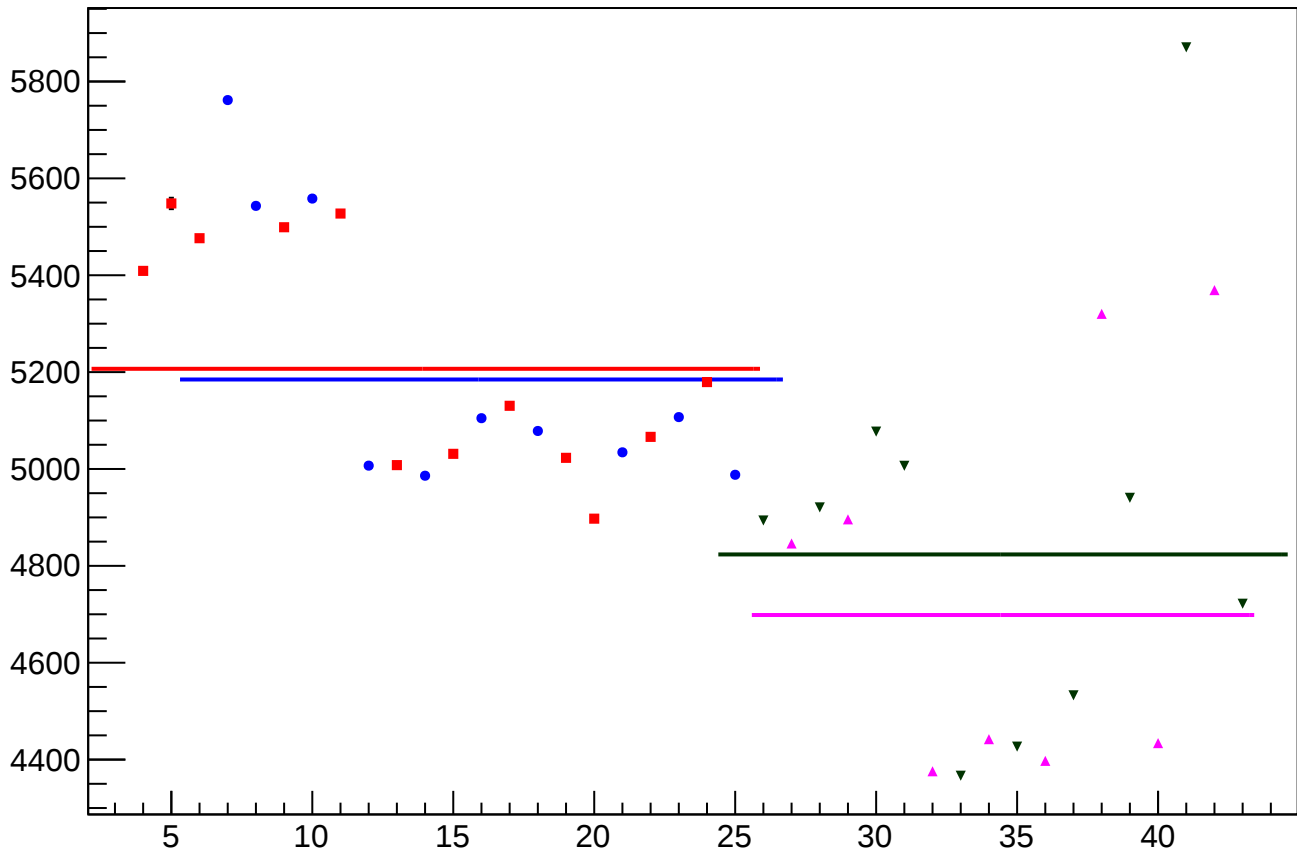
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

Left In: -5.652 ± 2.082 χ^2/NDF : 10.2/7

-14.073 ± 1.460 χ^2/NDF : 314.1/19

0.954 ± 1.464 χ^2/NDF : 76.5/19

diff_bpm0l03X_rms vs slug



Right In: 5184.765 $\pm$ 1.442 χ^2 /NDF: 28614.1/9

Left Out: 4823.564 $\pm$ 1.479 χ^2 /NDF: 65634.4/9

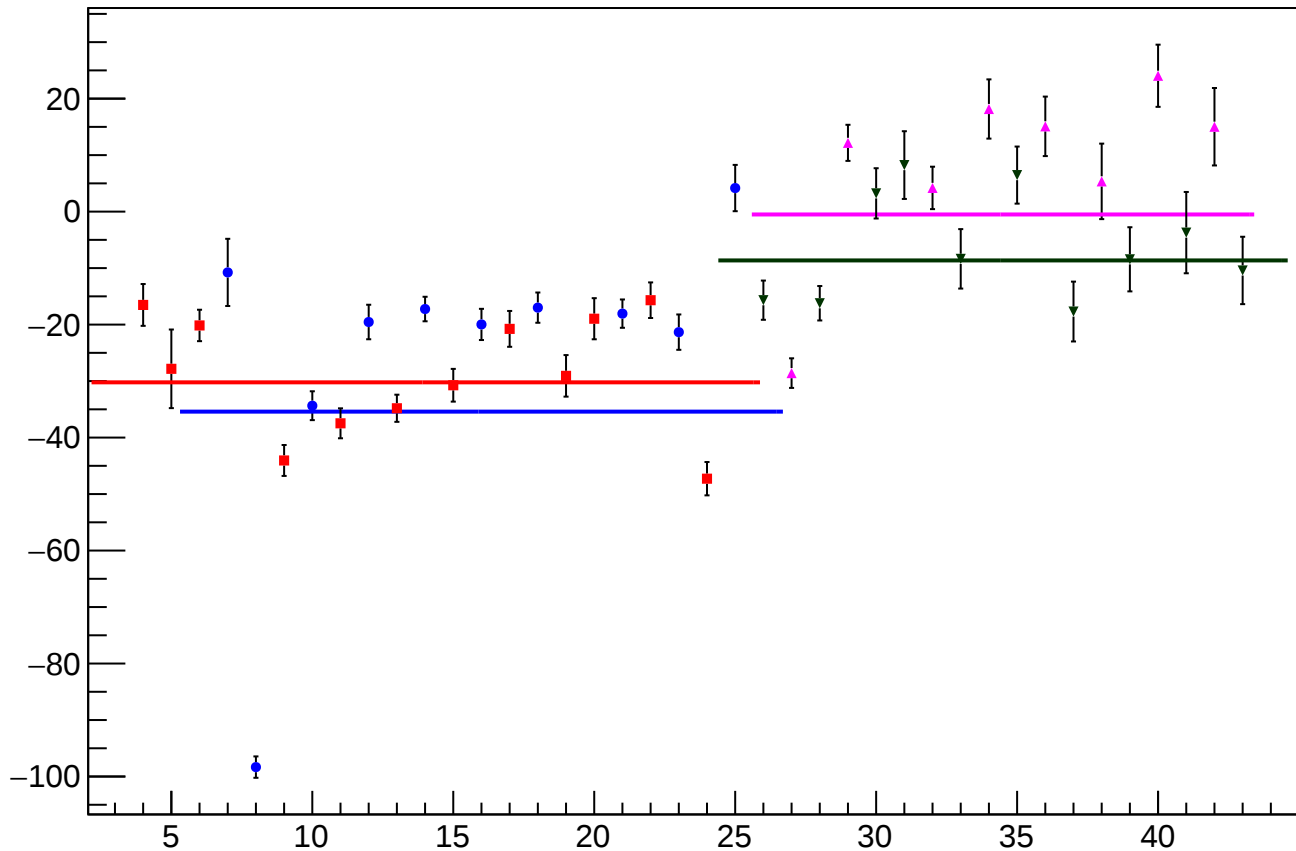
Right Out: 5206.838 $\pm$ 1.455 χ^2 /NDF: 23121.5/11

Left In: 4698.498 $\pm$ 1.472 χ^2 /NDF: 55876.4/7

5008.726 $\pm$ 1.032 χ^2 /NDF: 124828.0/19

4955.612 $\pm$ 1.035 χ^2 /NDF: 139306.3/19

diff_bpm0l03Y_mean vs slug



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

Left Out: -8.640 ± 1.477 χ^2/NDF : 37.8/9

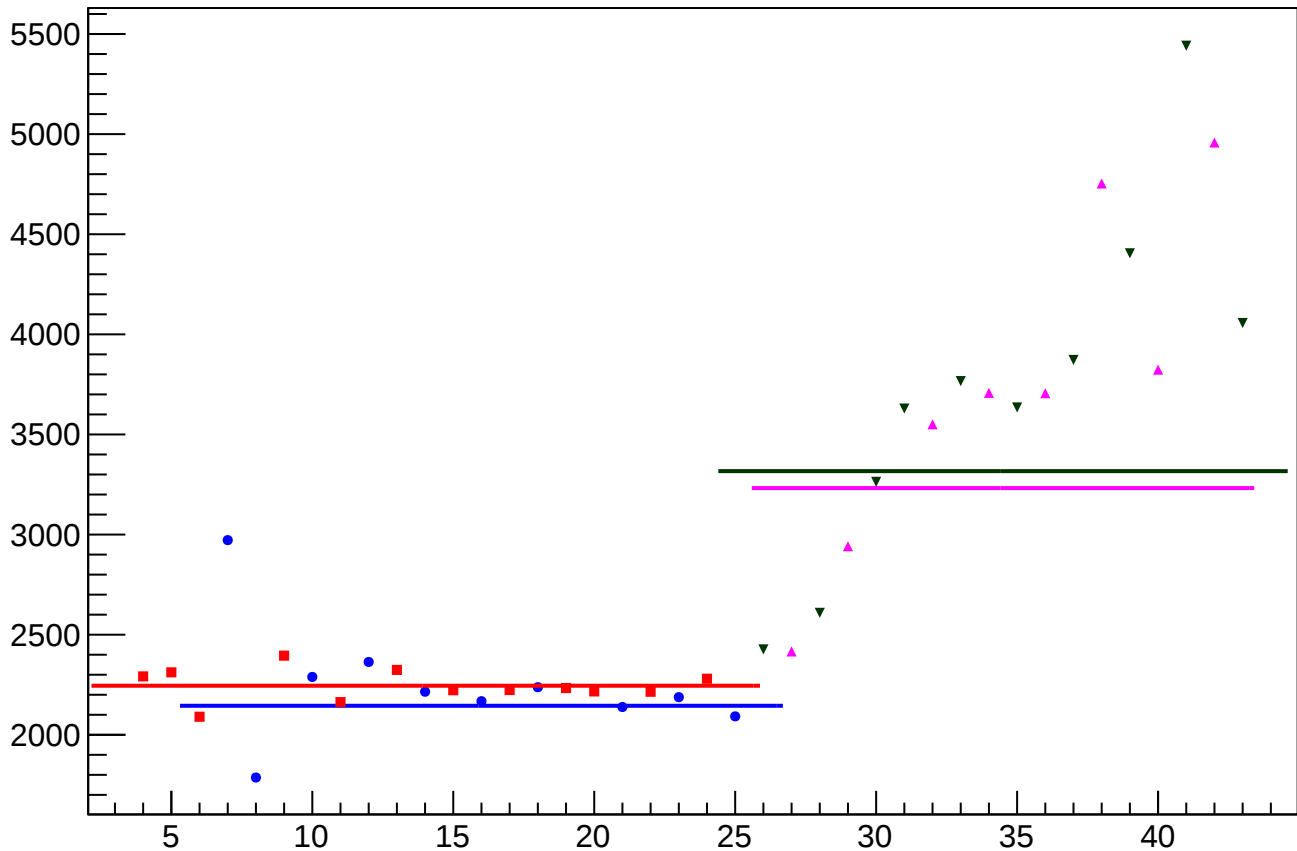
Right Out: -30.222 ± 0.893 χ^2/NDF : 136.9/11

Left In: -0.505 ± 1.468 χ^2/NDF : 179.5/7

-28.703 ± 0.739 χ^2/NDF : 1743.2/19

-22.205 ± 0.763 χ^2/NDF : 615.4/19

diff_bpm0l03Y_rms vs slug



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

Left Out: 3316.868+/-1.044 χ^2/NDF : 568076.0/9

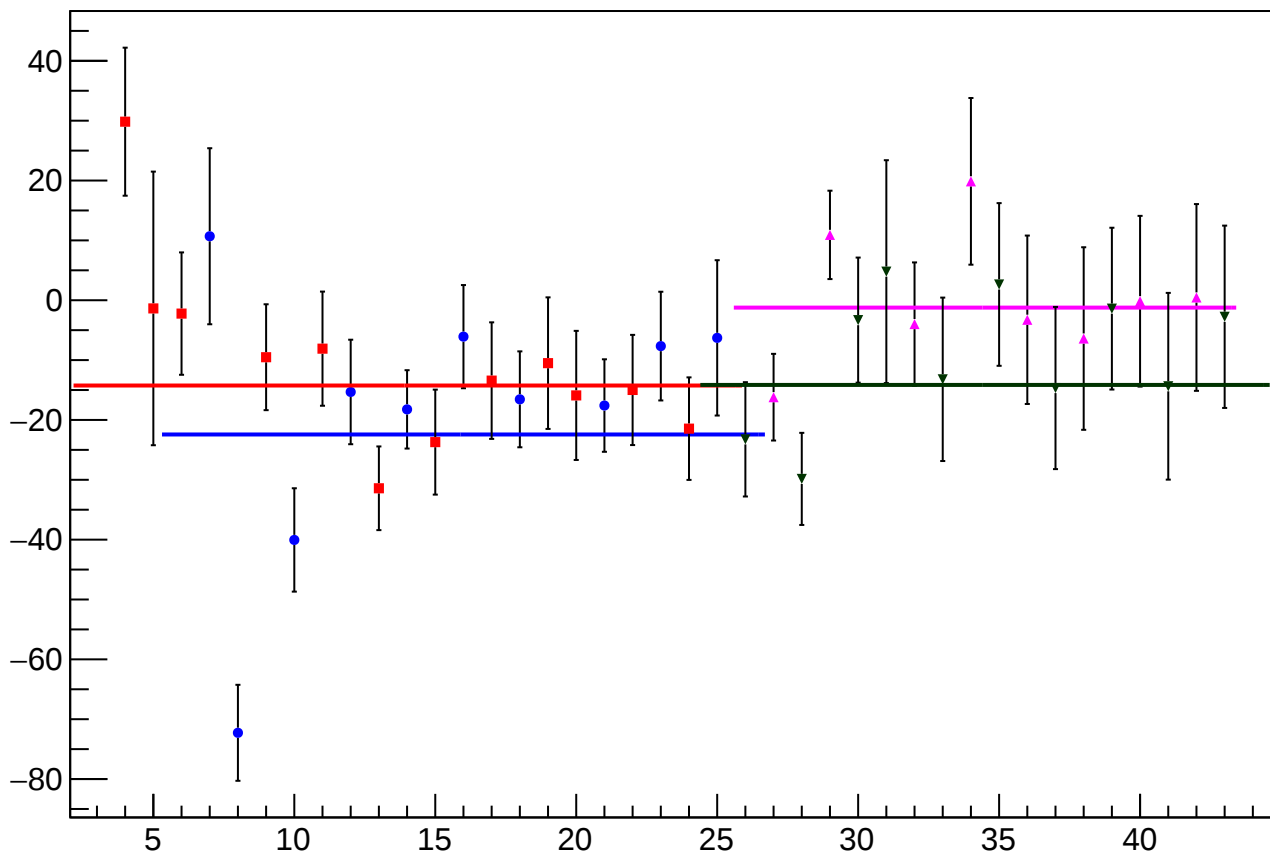
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

Left In: 3232.269+/-1.038 χ^2/NDF : 511106.7/7

2438.481+/-0.523 χ^2/NDF : 1643986.4/19

2511.419+/-0.539 χ^2/NDF : 1188677.1/19

diff_bpm0l04X_mean vs slug



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

Left Out: -14.150 ± 3.779 χ^2/NDF : 10.2/9

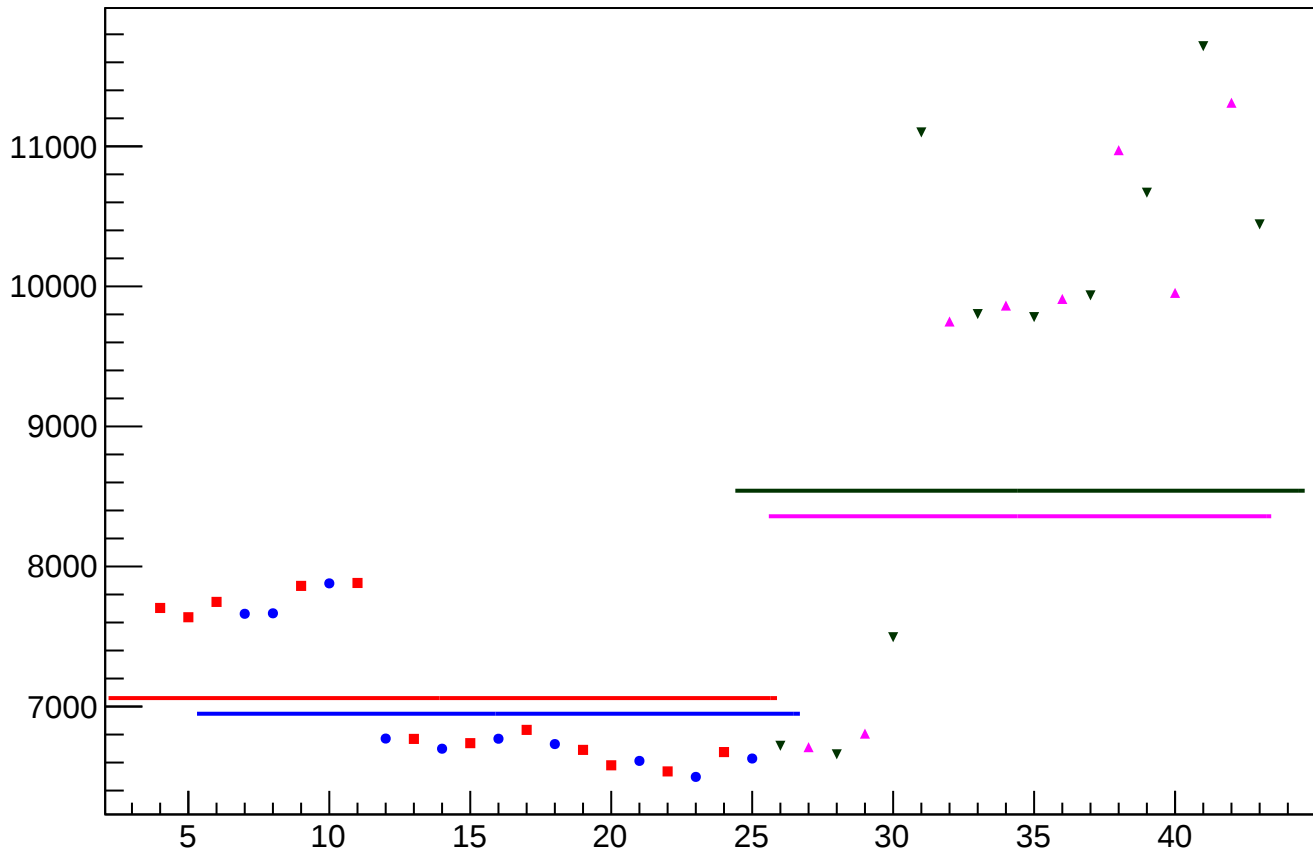
Right Out: -14.248 ± 2.794 χ^2/NDF : 23.2/11

Left In: -1.231 ± 3.770 χ^2/NDF : 9.5/7

-19.586 ± 2.215 χ^2/NDF : 71.0/19

-9.633 ± 2.245 χ^2/NDF : 40.4/19

diff_bpm0l04X_rms vs slug



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

Left Out: 8541.053+/-2.672 χ^2/NDF : 468689.9/9

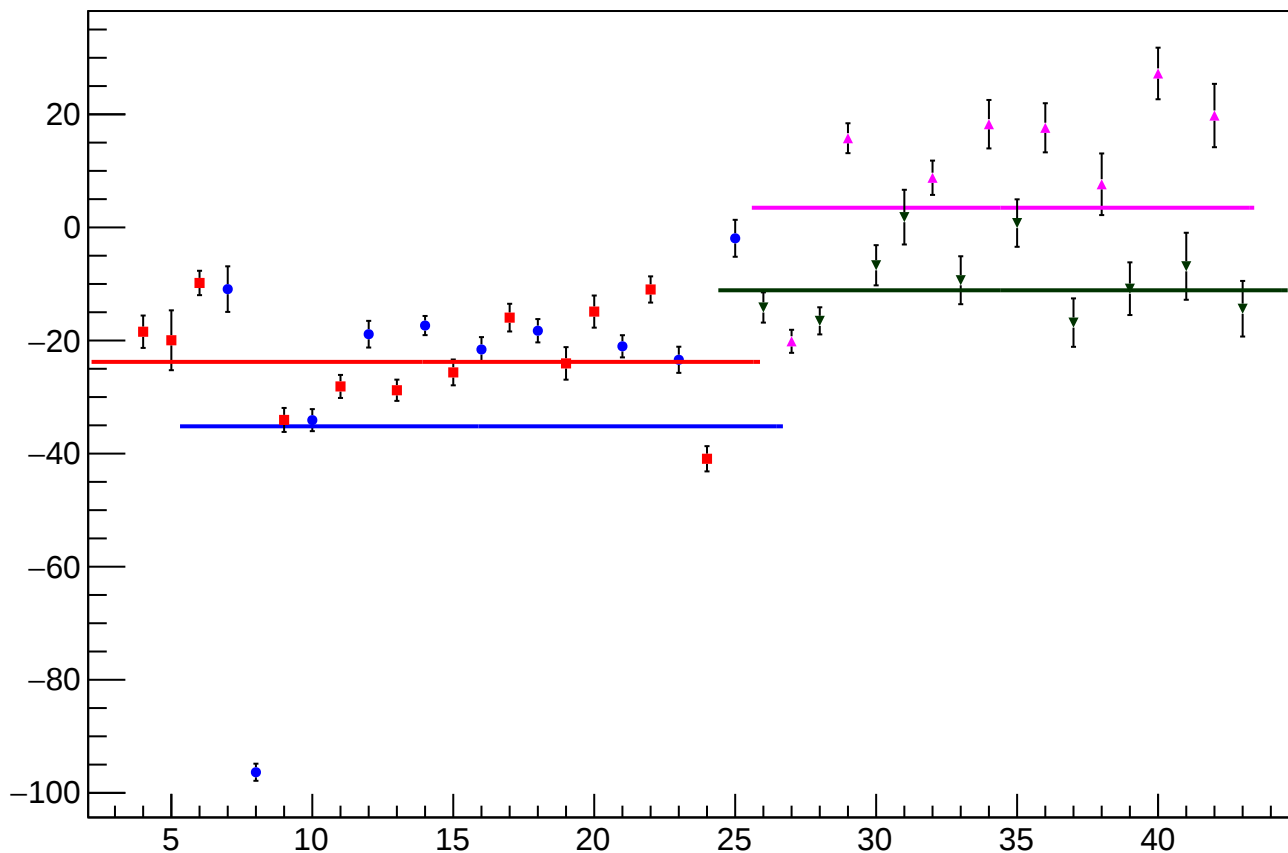
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 8358.629+/-2.665 χ^2/NDF : 431597.2/7

7495.459+/-1.566 χ^2/NDF : 761799.9/19

7520.619+/-1.587 χ^2/NDF : 655714.9/19

diff_bpm0l04Y_mean vs slug



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

Left Out: -11.117+/-1.180 χ^2/NDF : 26.0/9

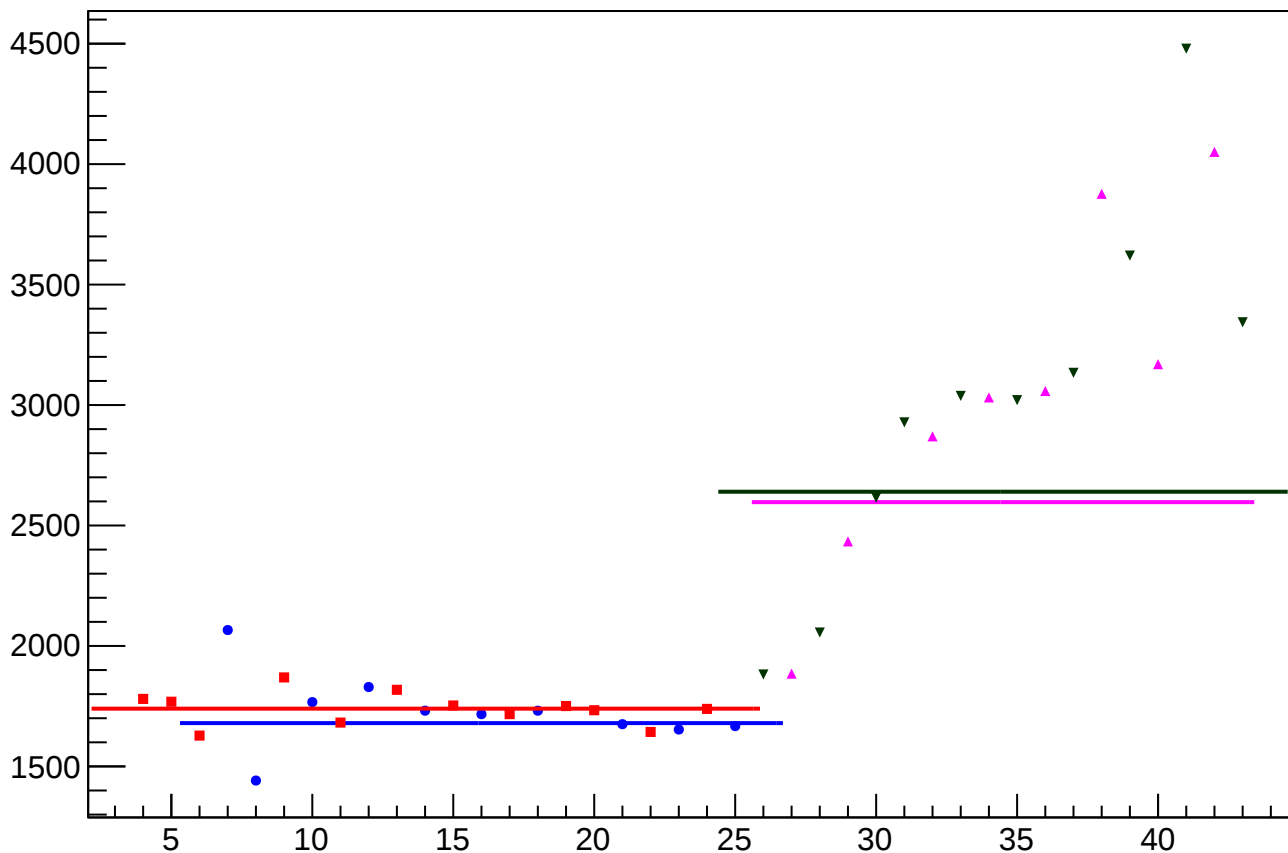
Right Out: -23.778+/-0.688 χ^2/NDF : 191.1/11

Left In: 3.482+/-1.184 χ^2/NDF : 217.7/7

-29.400+/-0.578 χ^2/NDF : 2459.1/19

-16.889+/-0.595 χ^2/NDF : 805.1/19

diff_bpm0l04Y_rms vs slug



Right In: 1679.752+/-0.469 χ^2/NDF : 84058.4/9

Left Out: 2640.174+/-0.834 χ^2/NDF : 669513.9/9

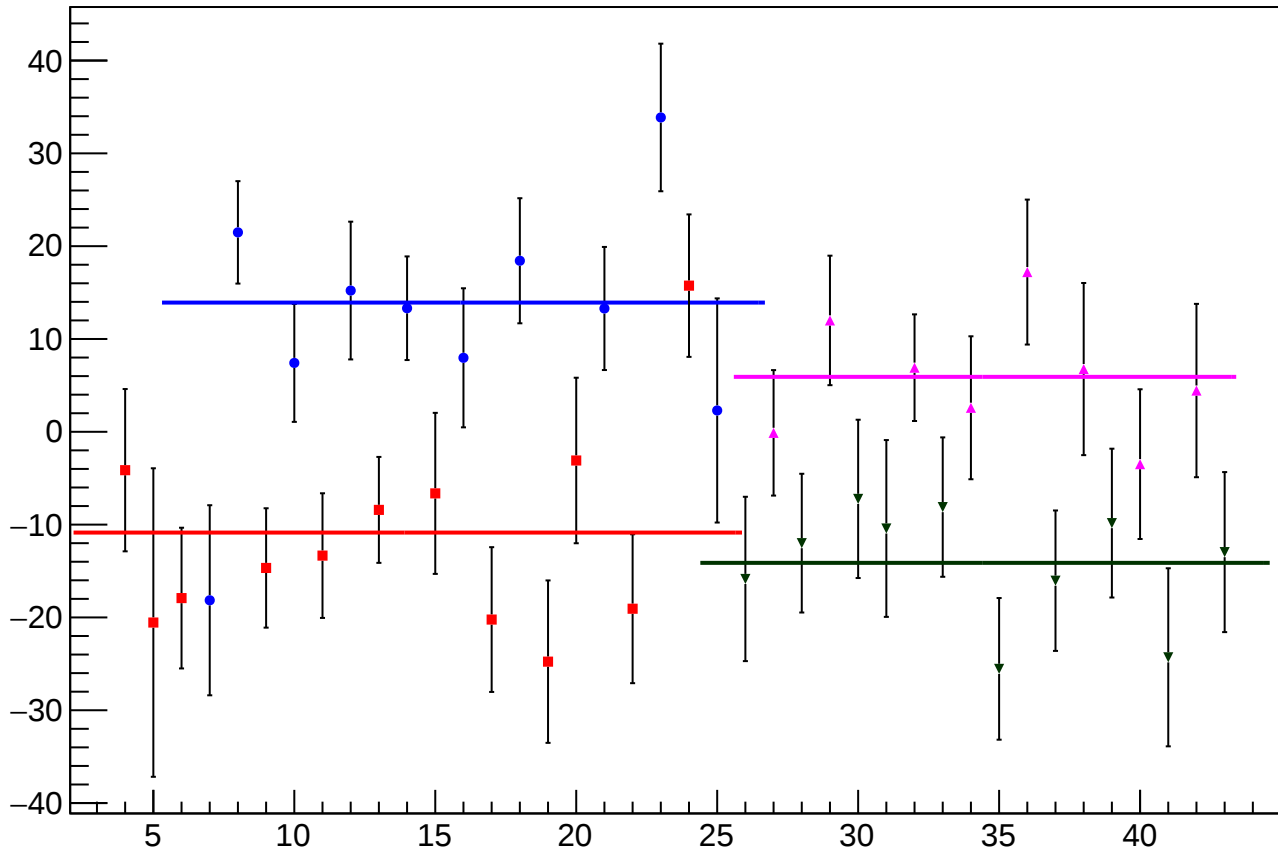
Right Out: 1739.740+/-0.487 χ^2/NDF : 22147.7/11

Left In: 2596.953+/-0.837 χ^2/NDF : 587597.0/7

1910.276+/-0.409 χ^2/NDF : 1760629.0/19

1956.395+/-0.421 χ^2/NDF : 1393417.5/19

diff_bpm0l05X_mean vs slug



Right In: 13.922 ± 2.221 χ^2/NDF : 21.1/9

Left Out: -14.120 ± 2.602 χ^2/NDF : 5.3/9

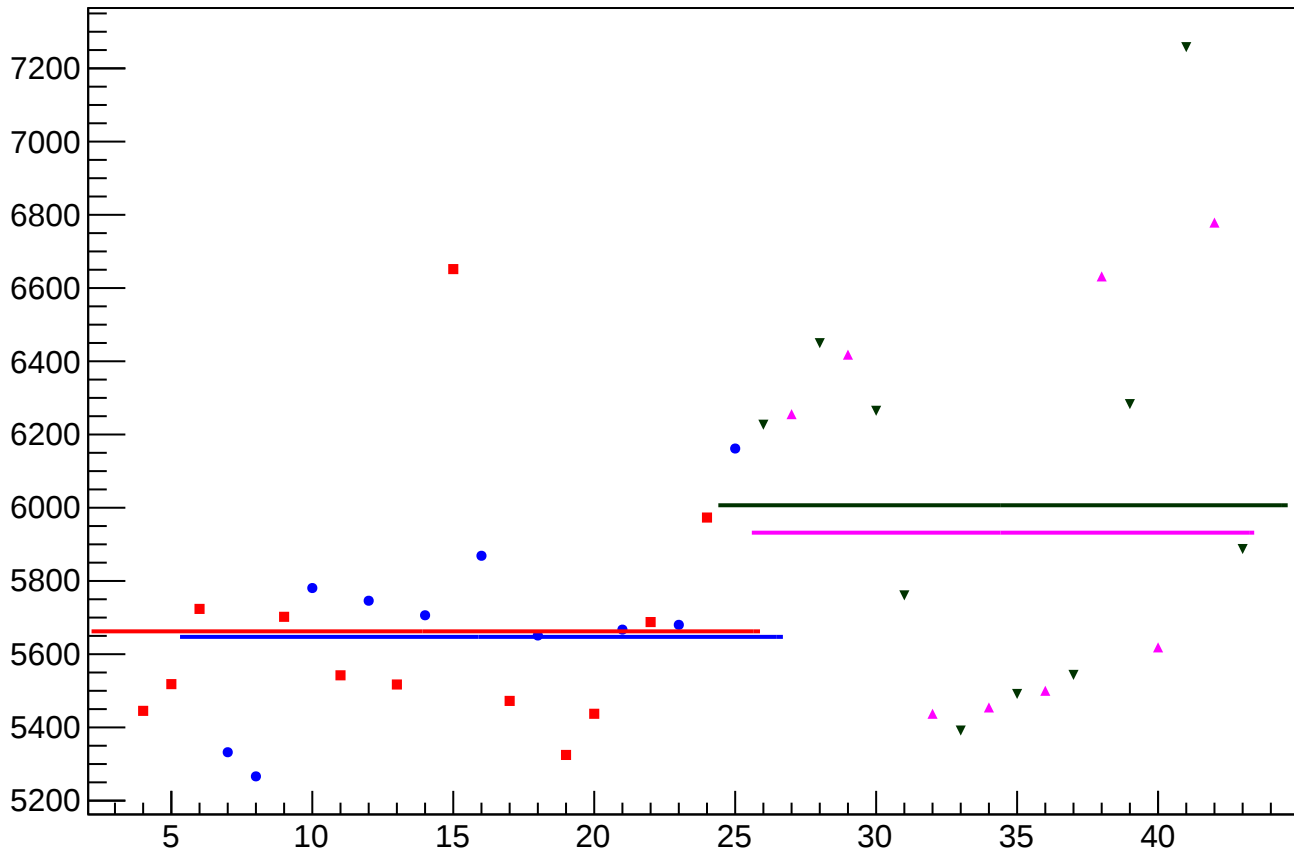
Right Out: -10.857 ± 2.241 χ^2/NDF : 20.5/11

Left In: 5.921 ± 2.631 χ^2/NDF : 5.3/7

2.102 ± 1.689 χ^2/NDF : 93.6/19

-3.801 ± 1.706 χ^2/NDF : 49.3/19

diff_bpm0l05X_rms vs slug



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

Left Out: 6006.744+/-1.840 χ^2/NDF : 78250.5/9

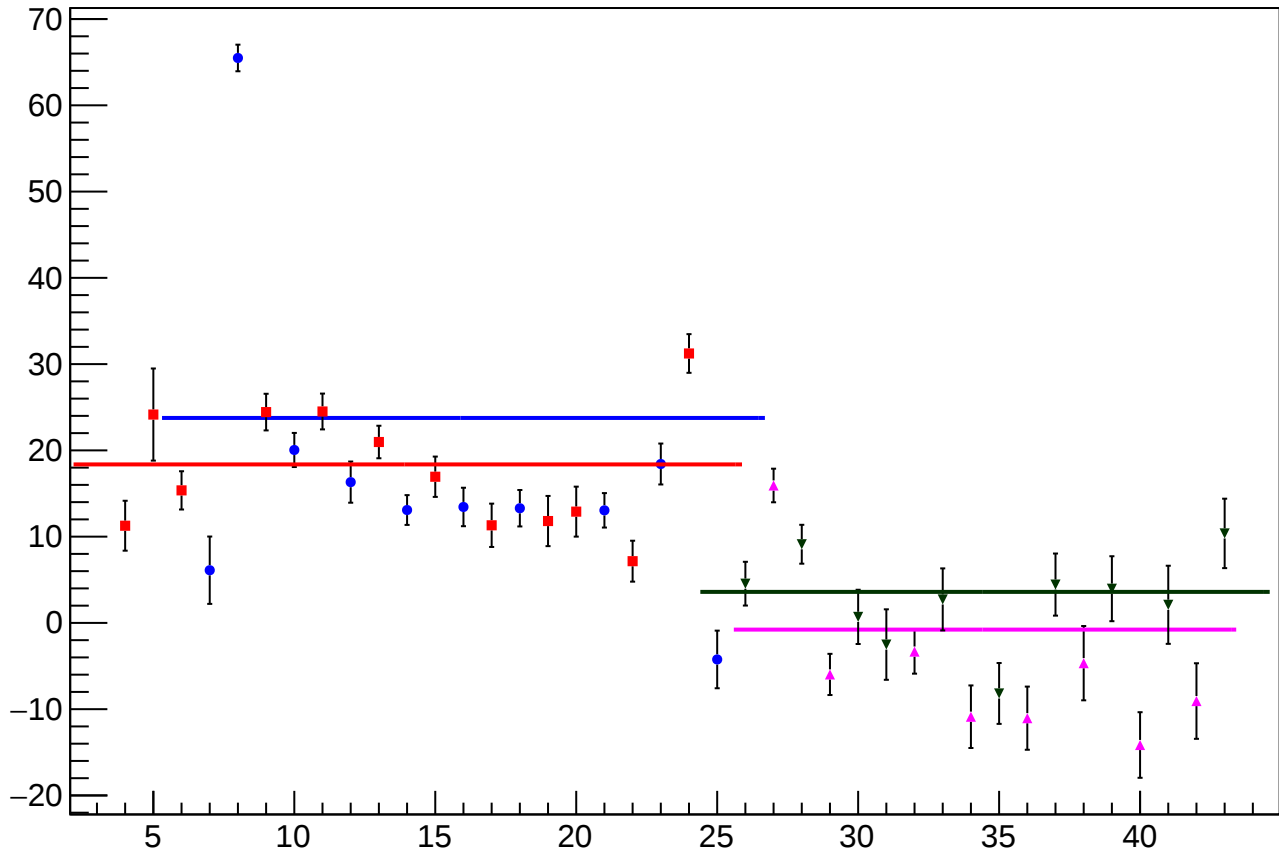
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 5931.899+/-1.860 χ^2/NDF : 73779.4/7

5798.829+/-1.195 χ^2/NDF : 118642.3/19

5775.726+/-1.206 χ^2/NDF : 124217.3/19

diff_bpm0l05Y_mean vs slug



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

Left Out: 3.596 $\pm$ 1.037 χ^2 /NDF: 23.4/9

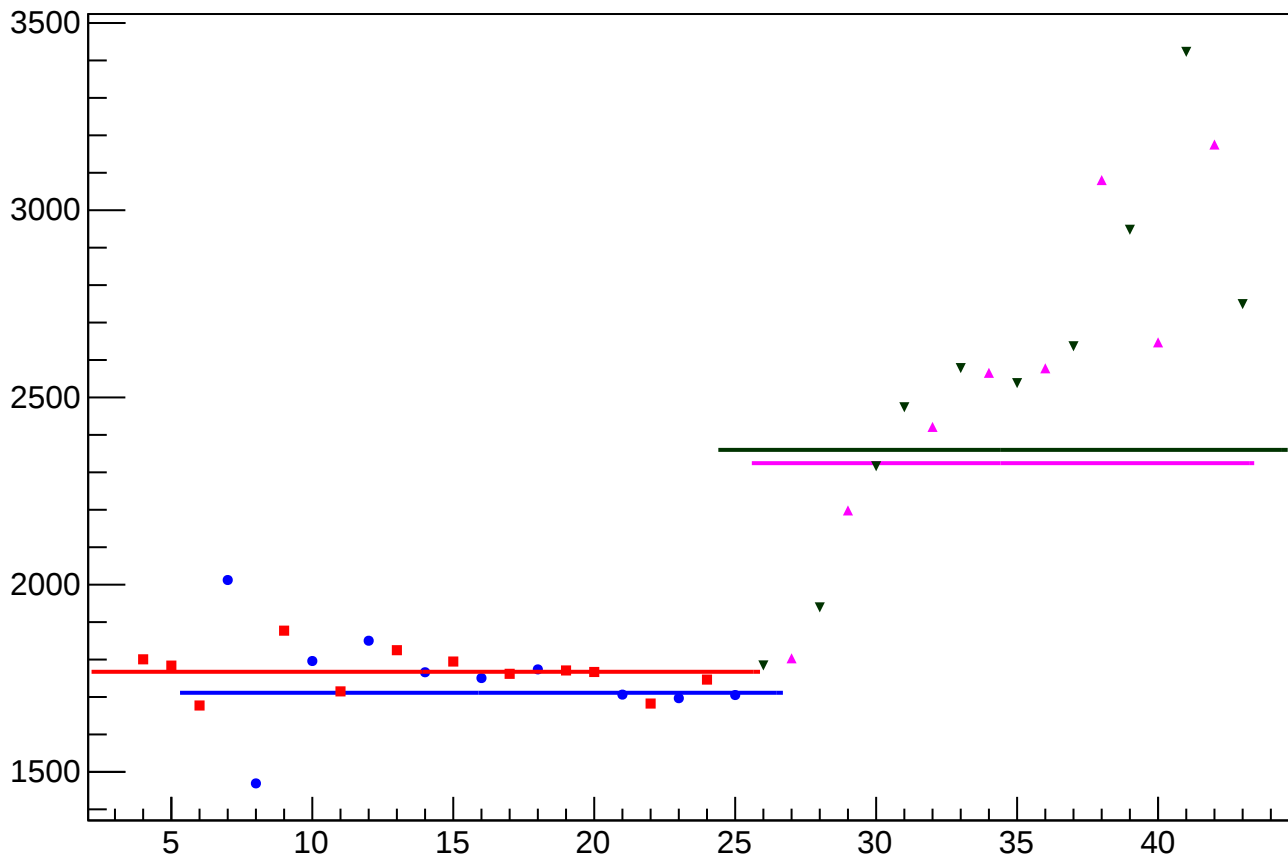
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: -0.776 $\pm$ 1.044 χ^2 /NDF: 111.7/7

17.765 $\pm$ 0.566 χ^2 /NDF: 1243.7/19

12.449 $\pm$ 0.581 χ^2 /NDF: 444.1/19

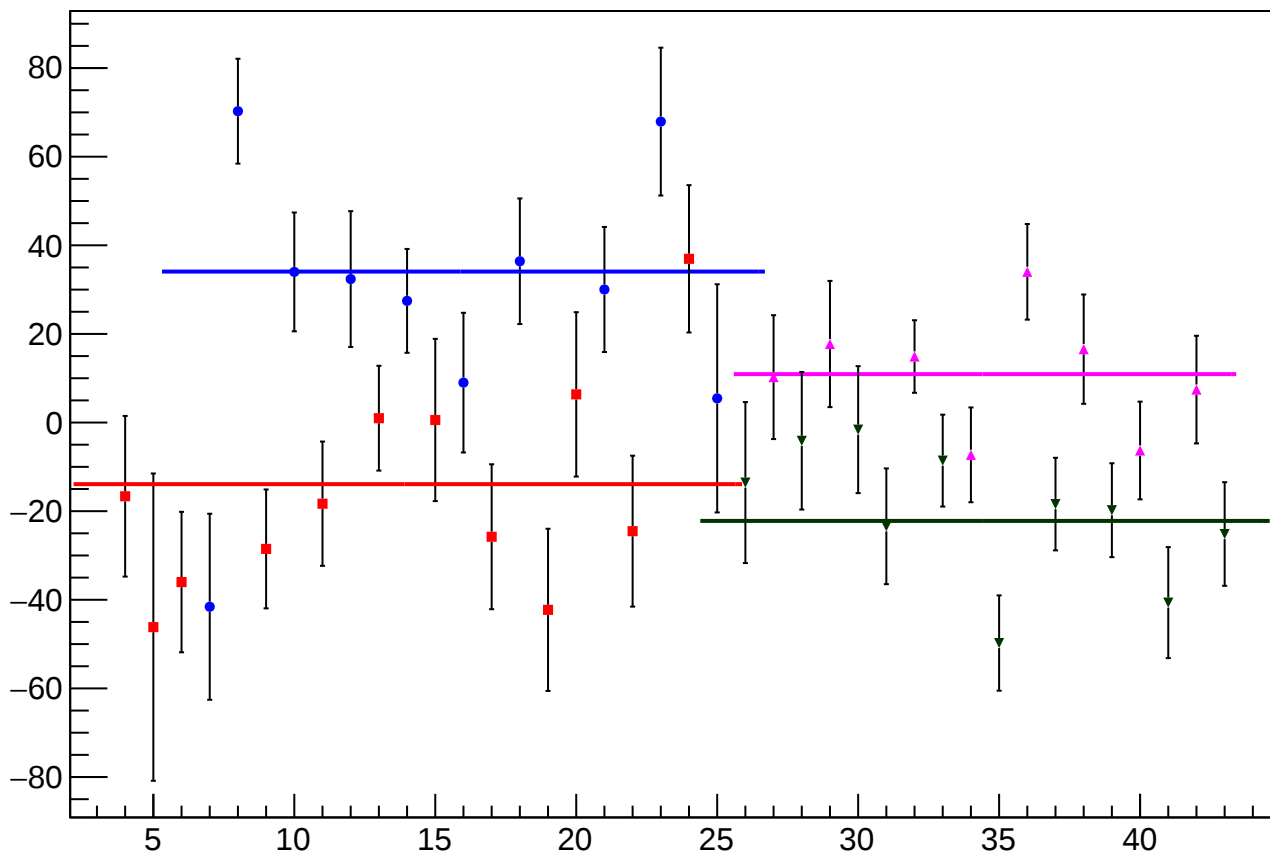
diff_bpm0l05Y_rms vs slug



Right In: 1711.281+/-0.477 χ^2/NDF : 76136.9/9
 Left Out: 2359.972+/-0.733 χ^2/NDF : 376681.6/9
 Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11
 Left In: 2324.496+/-0.738 χ^2/NDF : 321542.6/7

1904.135+/-0.400 χ^2/NDF : 1002467.8/19
 1939.696+/-0.411 χ^2/NDF : 730119.9/19

diff_bpm0l06X_mean vs slug



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

Left Out: -22.199+/-3.845 χ^2 /NDF:14.4/9

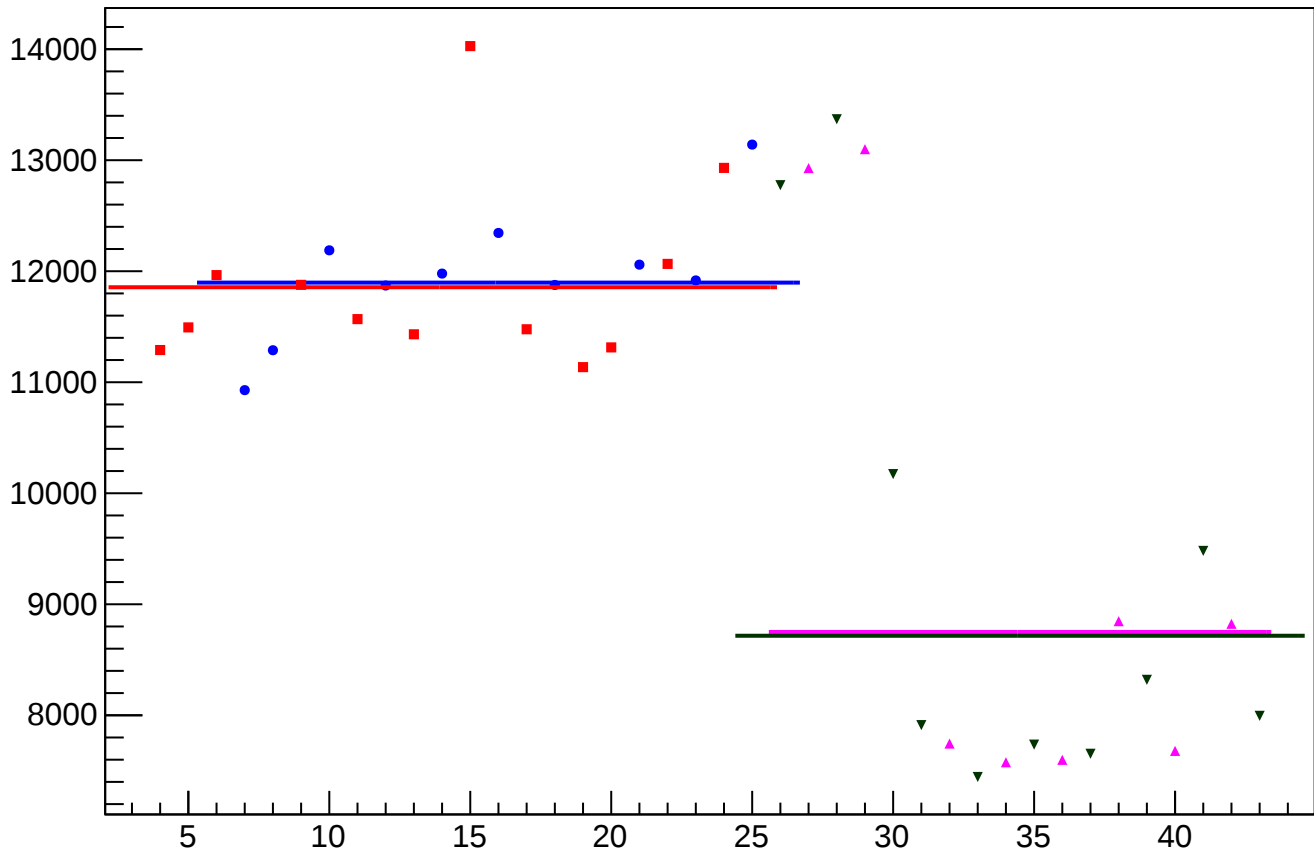
Right Out: -13.904+/-4.697 χ^2 /NDF: 20.2/11

Left In: 10.928+/-3.957 χ^2 /NDF:10.7/7

0.474+/-2.971 χ^2 /NDF: 131.3/19

0.621+/-3.026 χ^2 /NDF: 47.2/19

diff_bpm0l06X_rms vs slug



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

Left Out: 8716.427+/-2.719 χ^2/NDF :393127.4/9

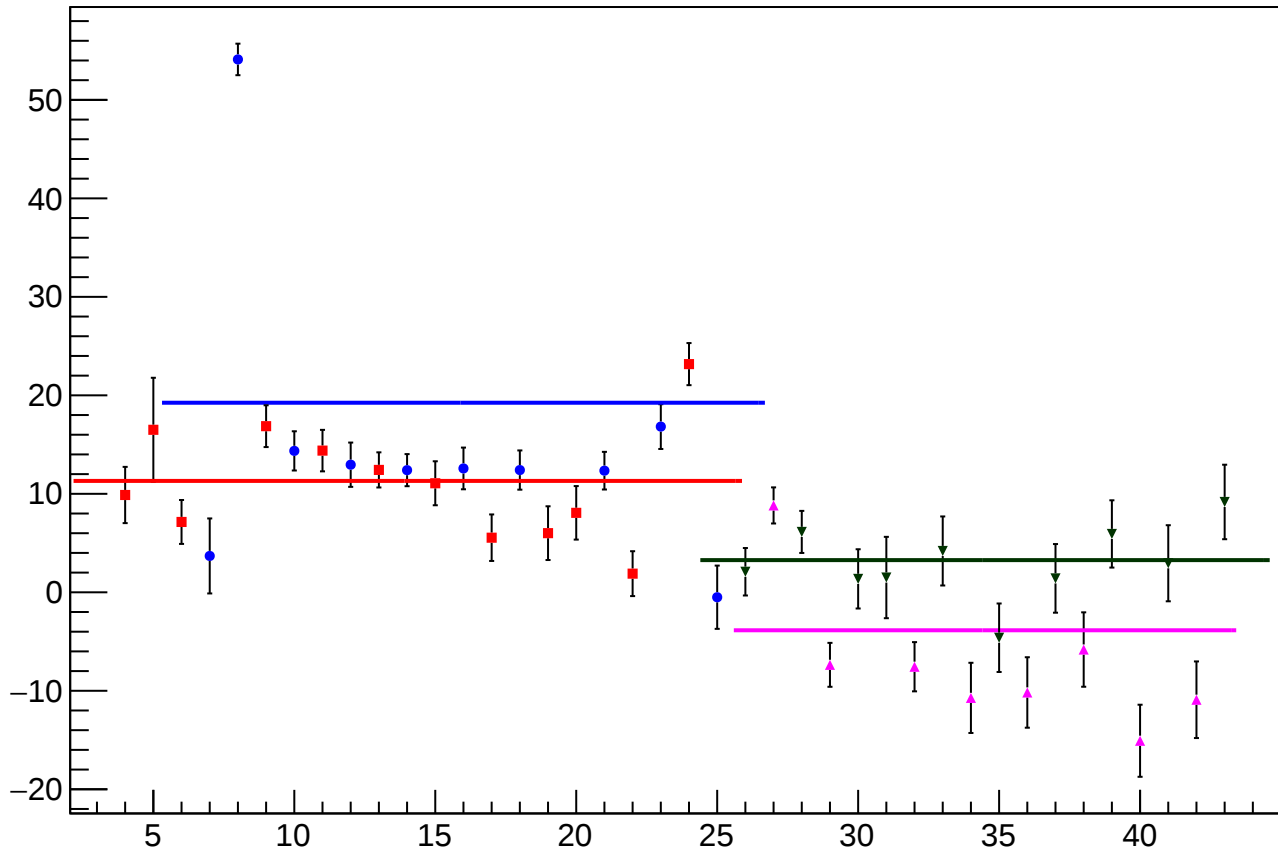
9998.152+/-2.101 χ^2/NDF : 961692.2/19

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

10039.433+/-2.140 χ^2/NDF : 1020749.0/19

Left In: 8750.552+/-2.798 χ^2/NDF :461219.6/7

diff_bpm0l06Y_mean vs slug



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

Left Out: 3.269 ± 0.986 χ^2/NDF : 11.2/9

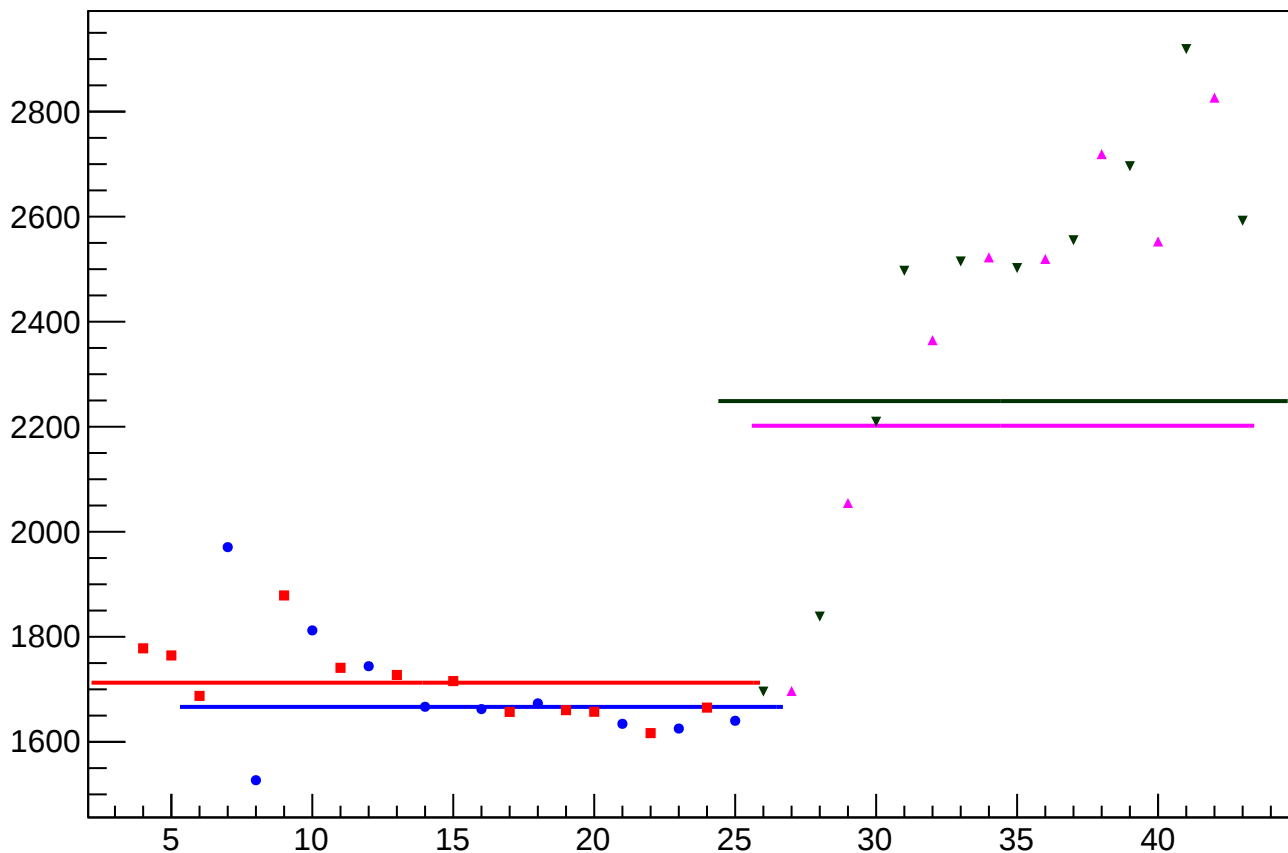
Right Out: 11.311 ± 0.677 χ^2/NDF : 73.1/11

Left In: -3.856 ± 0.987 χ^2/NDF : 72.3/7

14.345 ± 0.546 χ^2/NDF : 789.7/19

6.459 ± 0.558 χ^2/NDF : 306.0/19

diff_bpm0l06Y_rms vs slug



Right In: 1666.575+/-0.464 χ^2/NDF : 42439.0/9

Left Out: 2248.854+/-0.697 χ^2/NDF : 335259.7/9

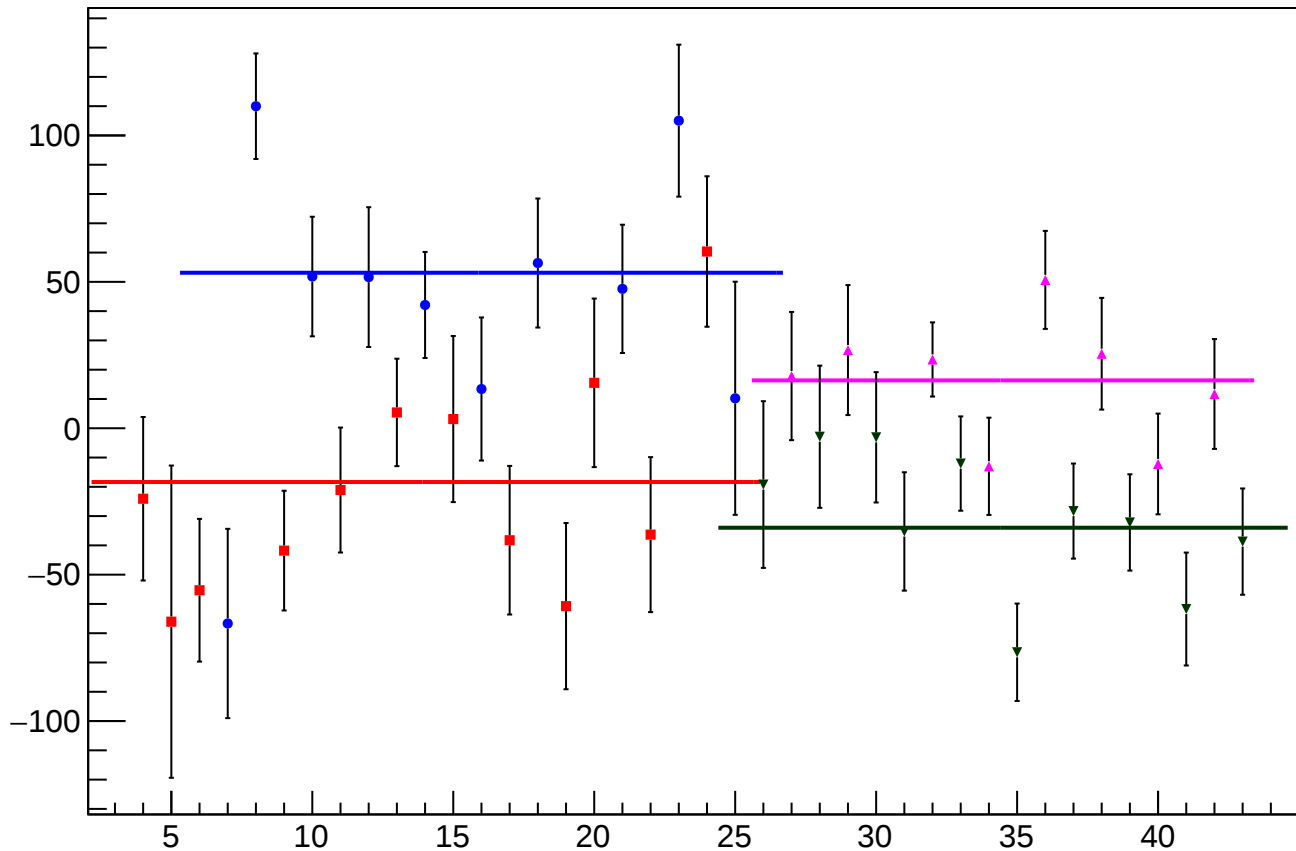
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

Left In: 2201.923+/-0.698 χ^2/NDF : 308417.9/7

1845.280+/-0.386 χ^2/NDF : 861596.5/19

1869.163+/-0.395 χ^2/NDF : 664146.7/19

diff_bpm0l07X_mean vs slug



Right In: 53.110+/-7.223 χ^2/NDF : 31.9/9

Left Out: -33.973+/-5.967 χ^2/NDF : 14.5/9

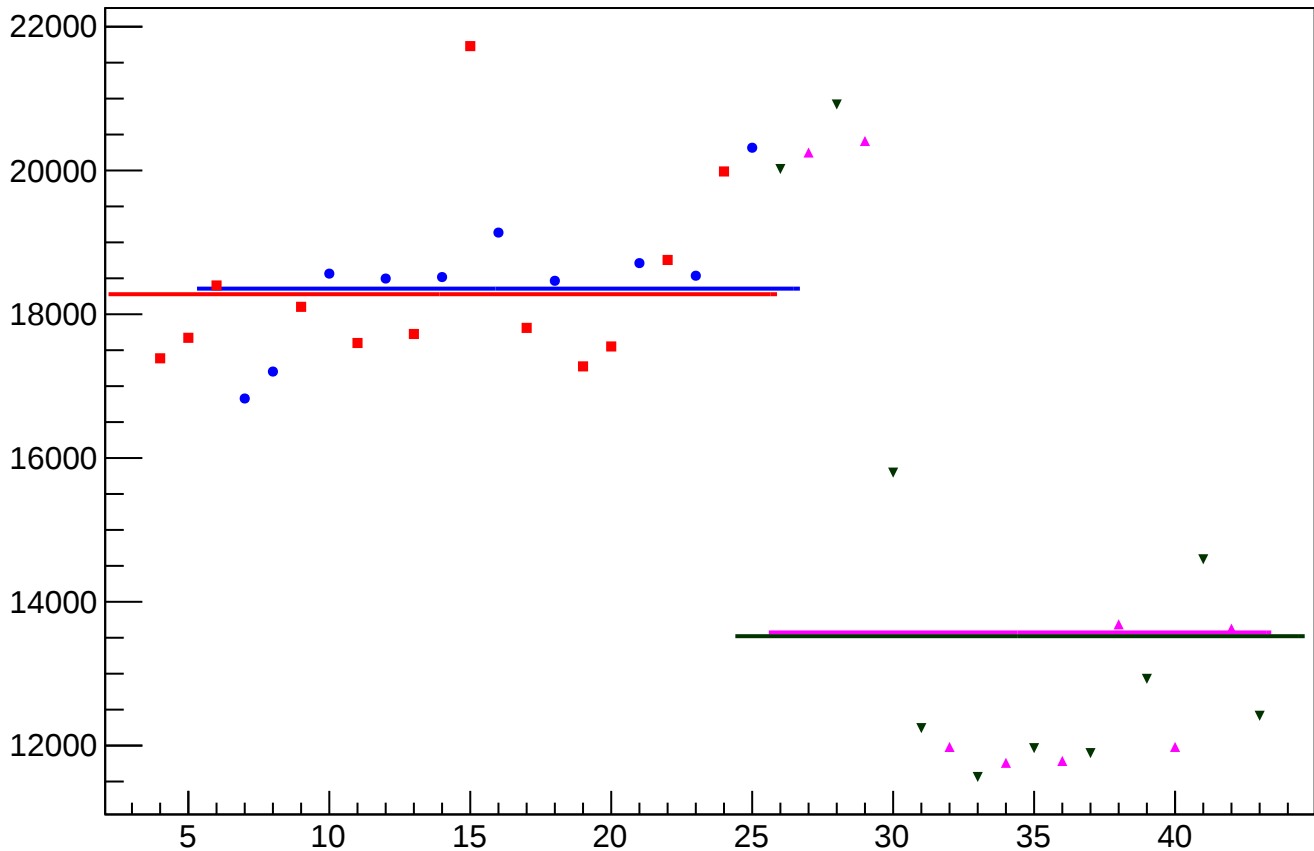
Right Out: -18.361+/-7.243 χ^2/NDF : 20.8/11

Left In: 16.353+/-6.141 χ^2/NDF : 10.9/7

1.351+/-4.601 χ^2/NDF : 132.8/19

1.835+/-4.684 χ^2/NDF : 45.1/19

diff_bpm0l07X_rms vs slug



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

Left Out: 13521.564+/-4.220 χ^2/NDF : 402050.4/9

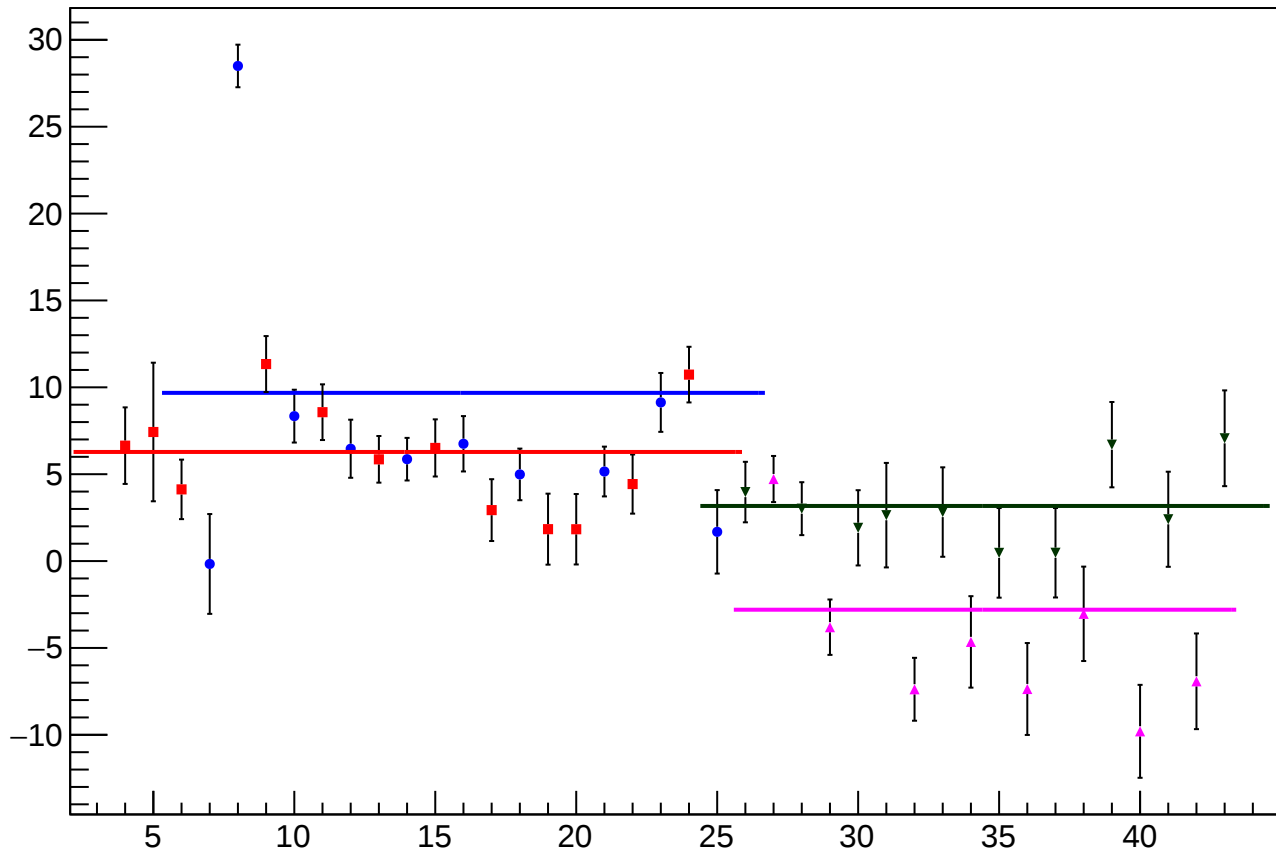
15482.805+/-3.253 χ^2/NDF : 955269.4/19

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

15541.452+/-3.312 χ^2/NDF : 1012232.2/19

Left In: 13573.648+/-4.342 χ^2/NDF : 471259.8/7

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.172 ± 0.713 χ^2/NDF : 6.9/9

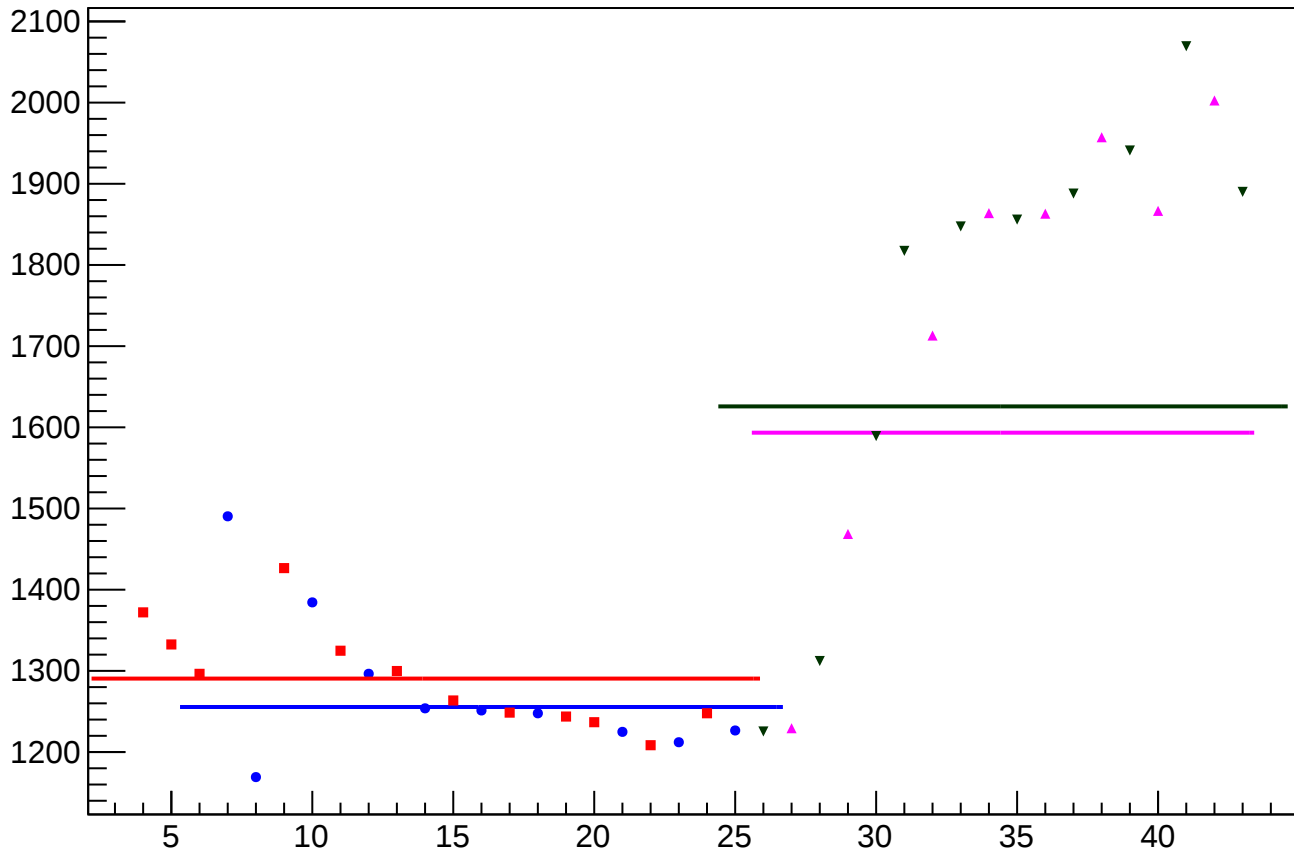
Right Out: 6.280 ± 0.510 χ^2/NDF : 35.7/11

Left In: -2.799 ± 0.714 χ^2/NDF : 51.5/7

7.570 ± 0.406 χ^2/NDF : 359.5/19

3.213 ± 0.415 χ^2/NDF : 194.2/19

diff_bpm0l07Y_rms vs slug



Right In: 1255.503 $\pm$ 0.349 χ^2 /NDF: 41466.5/9

Left Out: 1625.778 $\pm$ 0.504 χ^2 /NDF: 354649.3/9

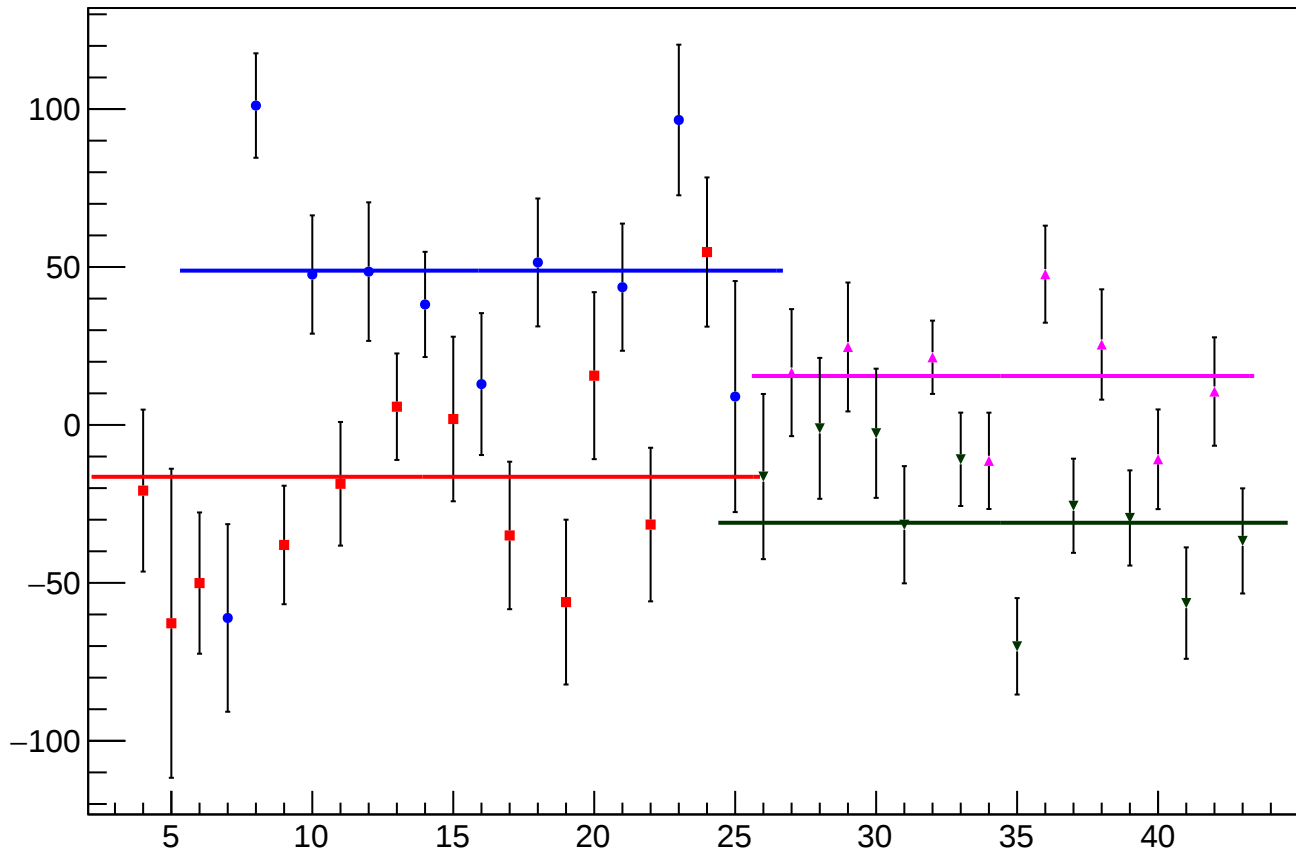
Right Out: 1290.505 $\pm$ 0.361 χ^2 /NDF: 28459.4/11

Left In: 1593.405 $\pm$ 0.505 χ^2 /NDF: 314206.6/7

1375.588 $\pm$ 0.287 χ^2 /NDF: 760714.4/19

1392.818 $\pm$ 0.294 χ^2 /NDF: 580884.5/19

diff_bpm0l08X_mean vs slug



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

Left Out: -30.968 ± 5.475 $\chi^2/\text{NDF}: 14.8/9$

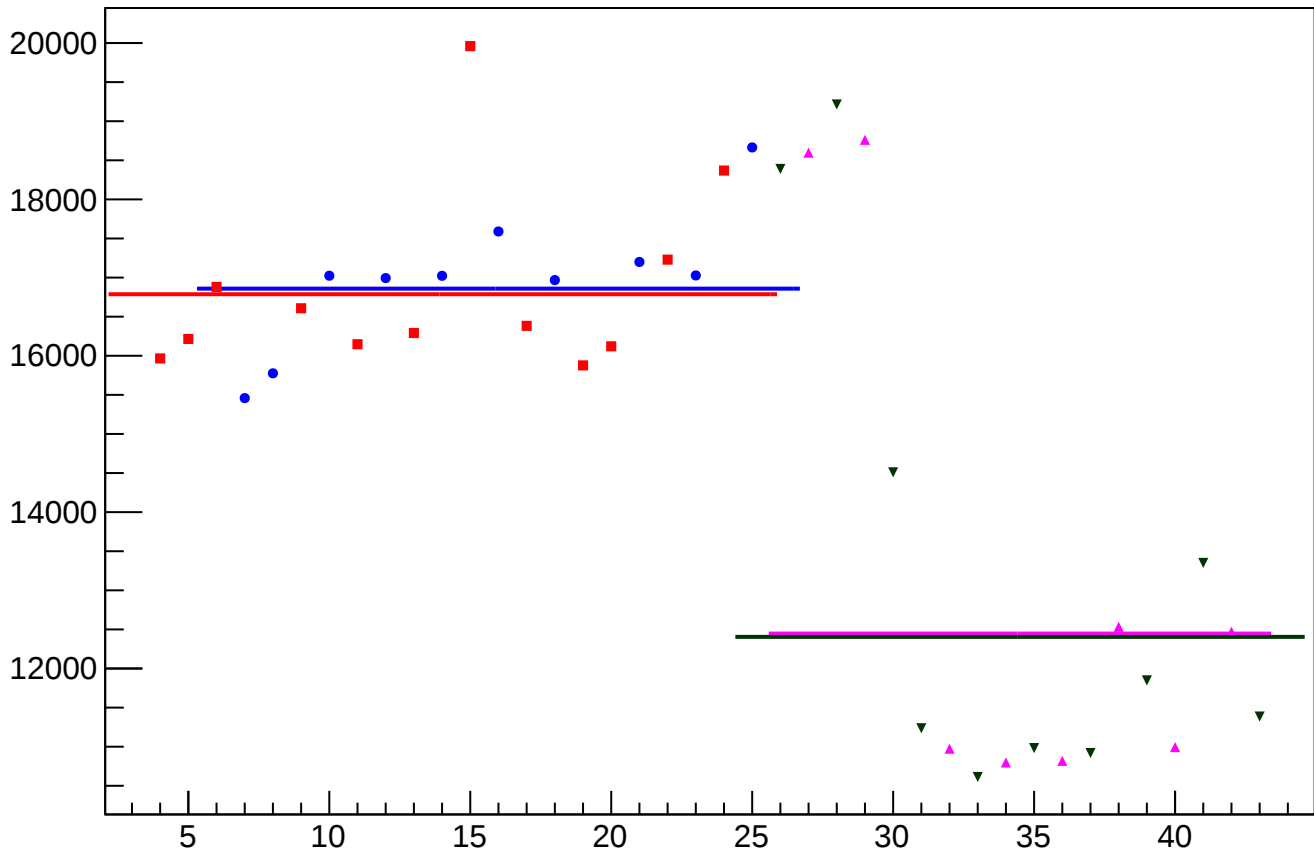
Right Out: -16.413 ± 6.651 $\chi^2/\text{NDF}: 20.6/11$

Left In: 15.493 ± 5.631 $\chi^2/\text{NDF}: 11.2/7$

1.368 ± 4.222 $\chi^2/\text{NDF}: 132.8/19$

2.171 ± 4.298 $\chi^2/\text{NDF}: 45.2/19$

diff_bpm0l08X_rms vs slug



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

Left Out: 12404.651+/-3.871 χ^2/NDF : 402870.2/9

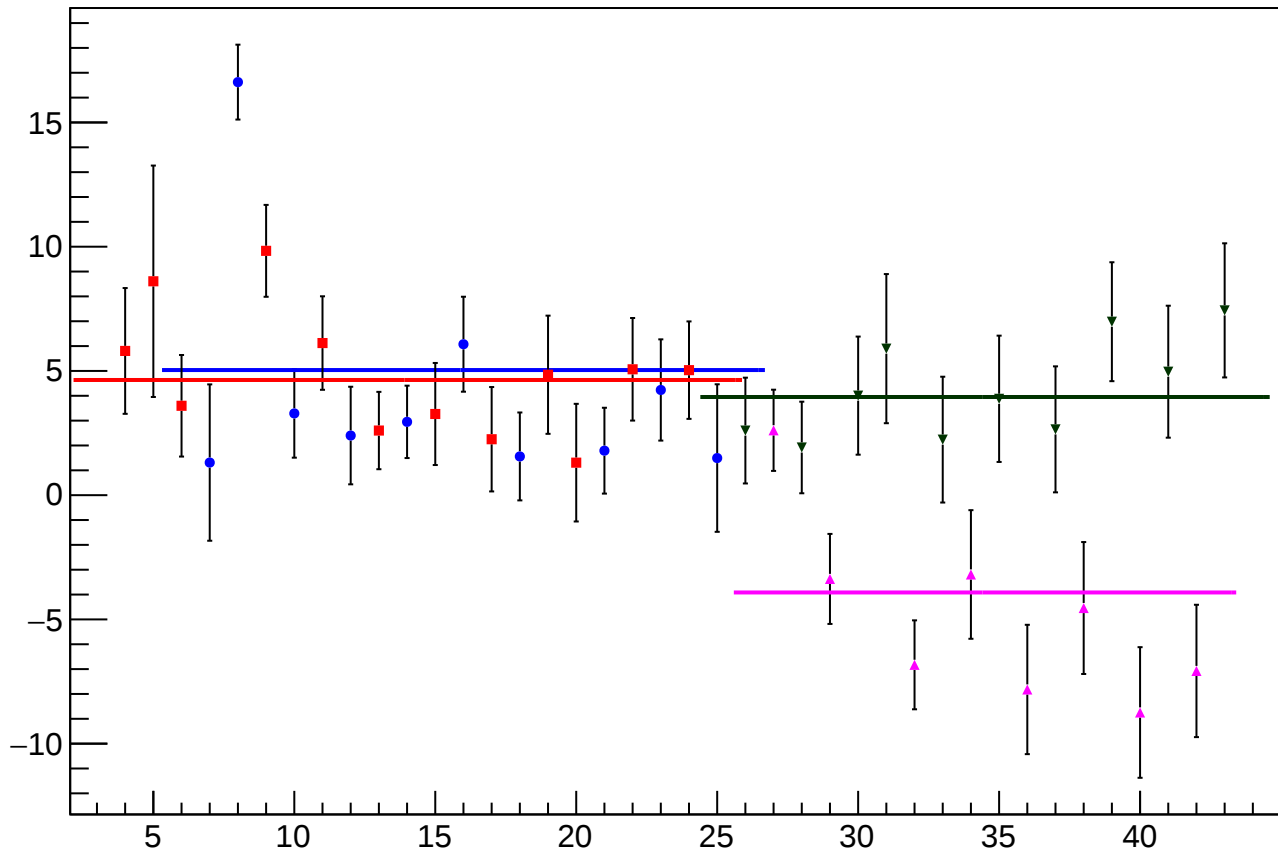
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

Left In: 12446.889+/-3.982 χ^2/NDF : 473793.2/7

14209.027+/-2.986 χ^2/NDF : 960334.0/19

14259.078+/-3.039 χ^2/NDF : 1019849.9/19

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.951 ± 0.762 χ^2/NDF : 6.2/9

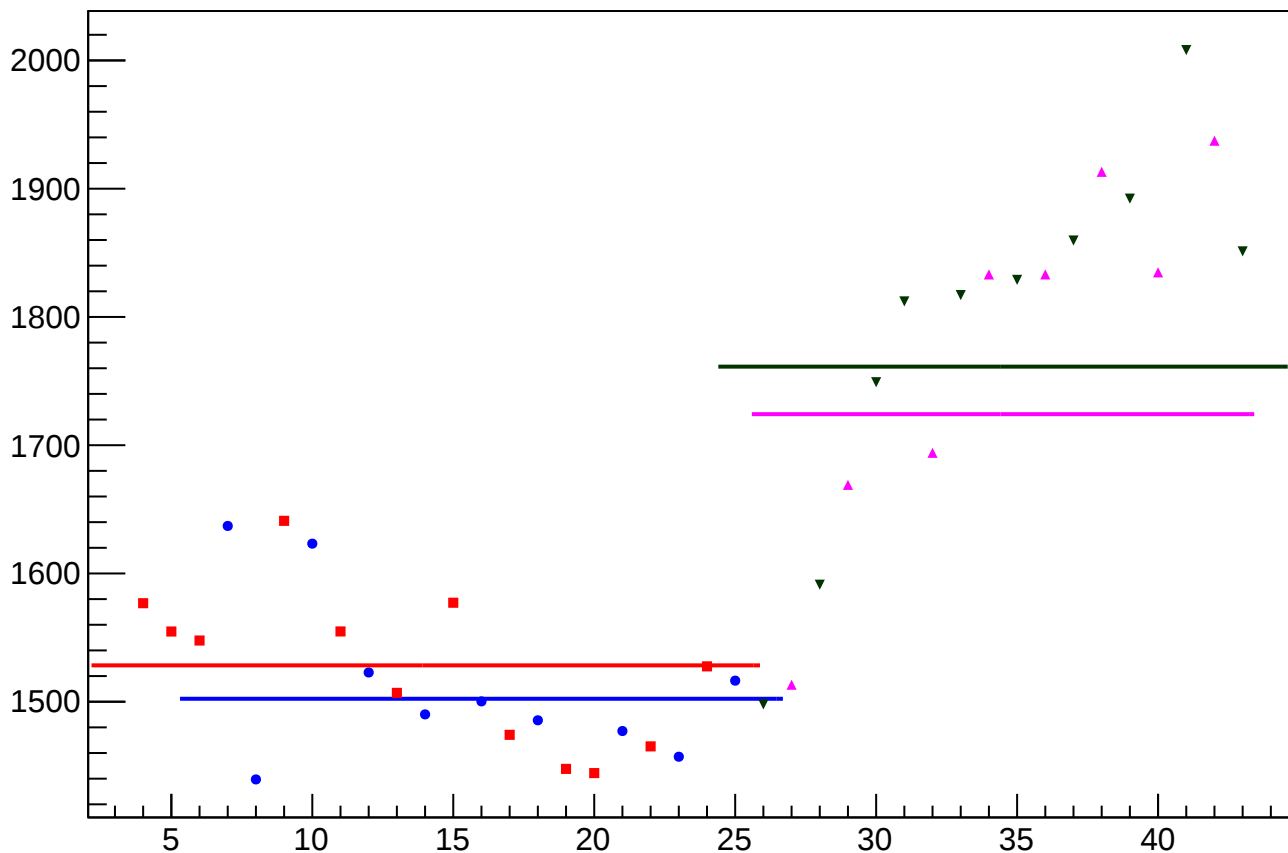
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -3.916 ± 0.763 χ^2/NDF : 25.9/7

4.629 ± 0.467 χ^2/NDF : 82.1/19

1.345 ± 0.474 χ^2/NDF : 118.3/19

diff_bpm0l08Y_rms vs slug



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

Left Out: 1761.262+/-0.539 χ^2/NDF : 79141.5/9

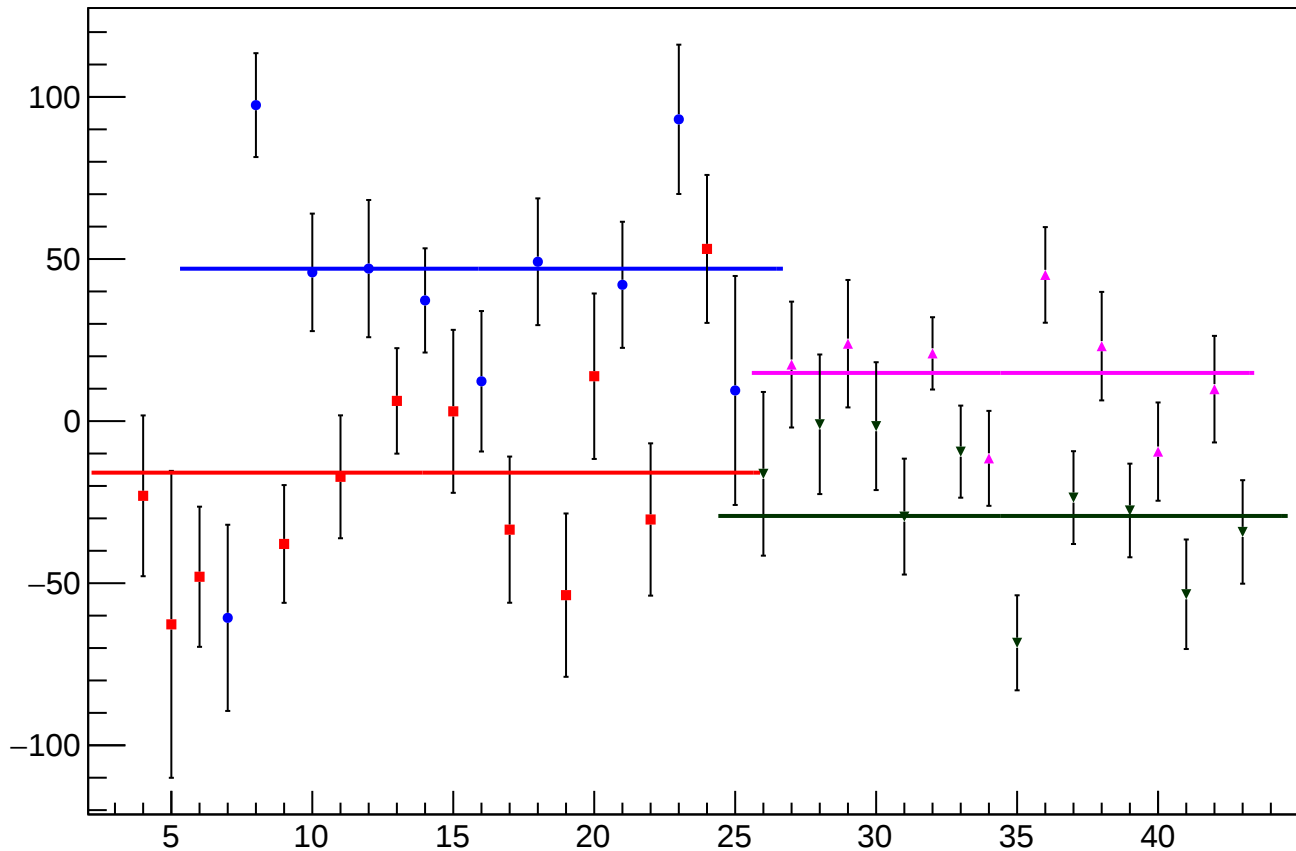
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1724.210+/-0.540 χ^2/NDF : 69288.0/7

1599.450+/-0.330 χ^2/NDF : 241933.3/19

1603.717+/-0.335 χ^2/NDF : 168613.2/19

diff_bpm0l09X_mean vs slug



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

Left Out: -29.254 ± 5.260 χ^2/NDF : 15.3/9

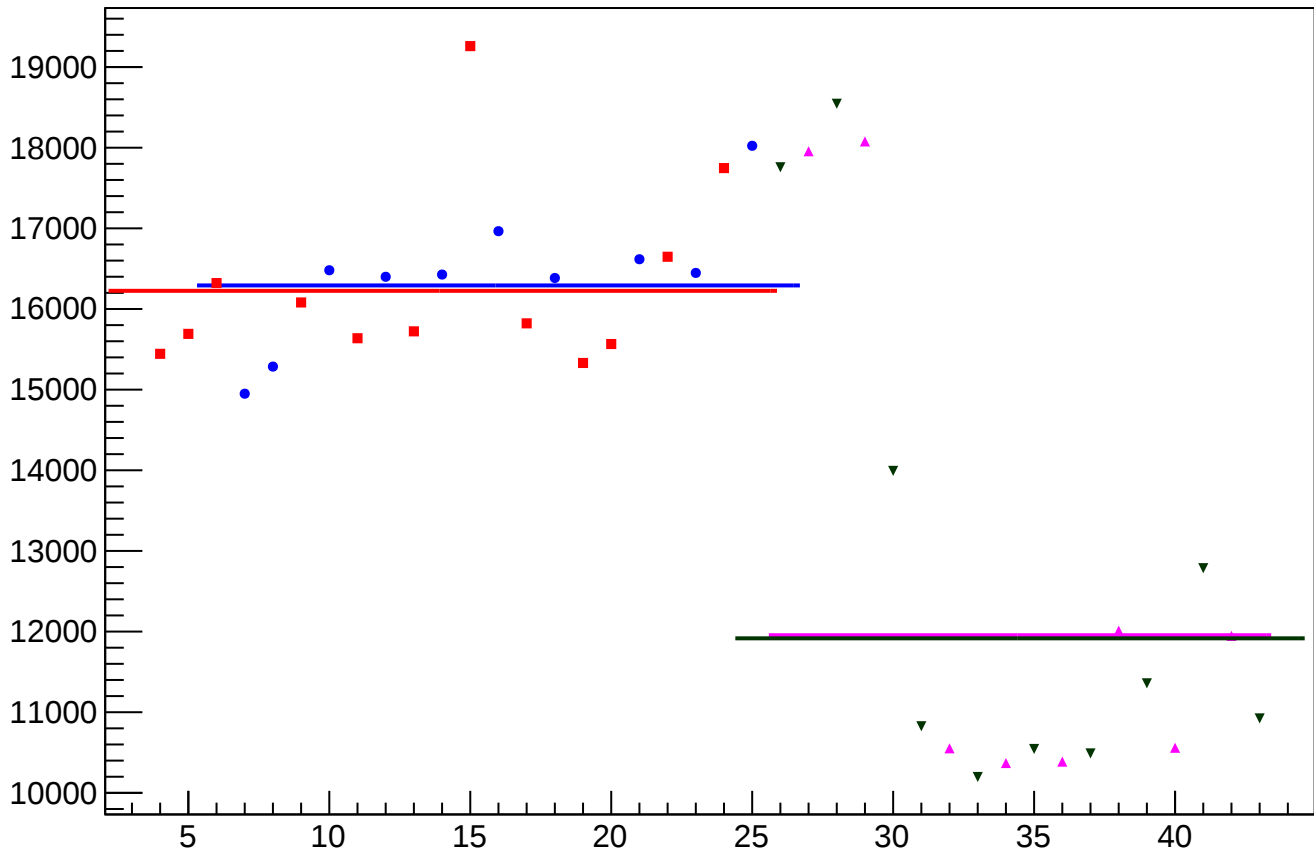
1.435 ± 4.067 χ^2/NDF : 132.1/19

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

2.112 ± 4.139 χ^2/NDF : 45.2/19

Left In: 14.868 ± 5.410 χ^2/NDF : 10.9/7

diff_bpm0l09X_rms vs slug



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

Left Out: 11916.247+/-3.720 χ^2/NDF : 408966.2/9

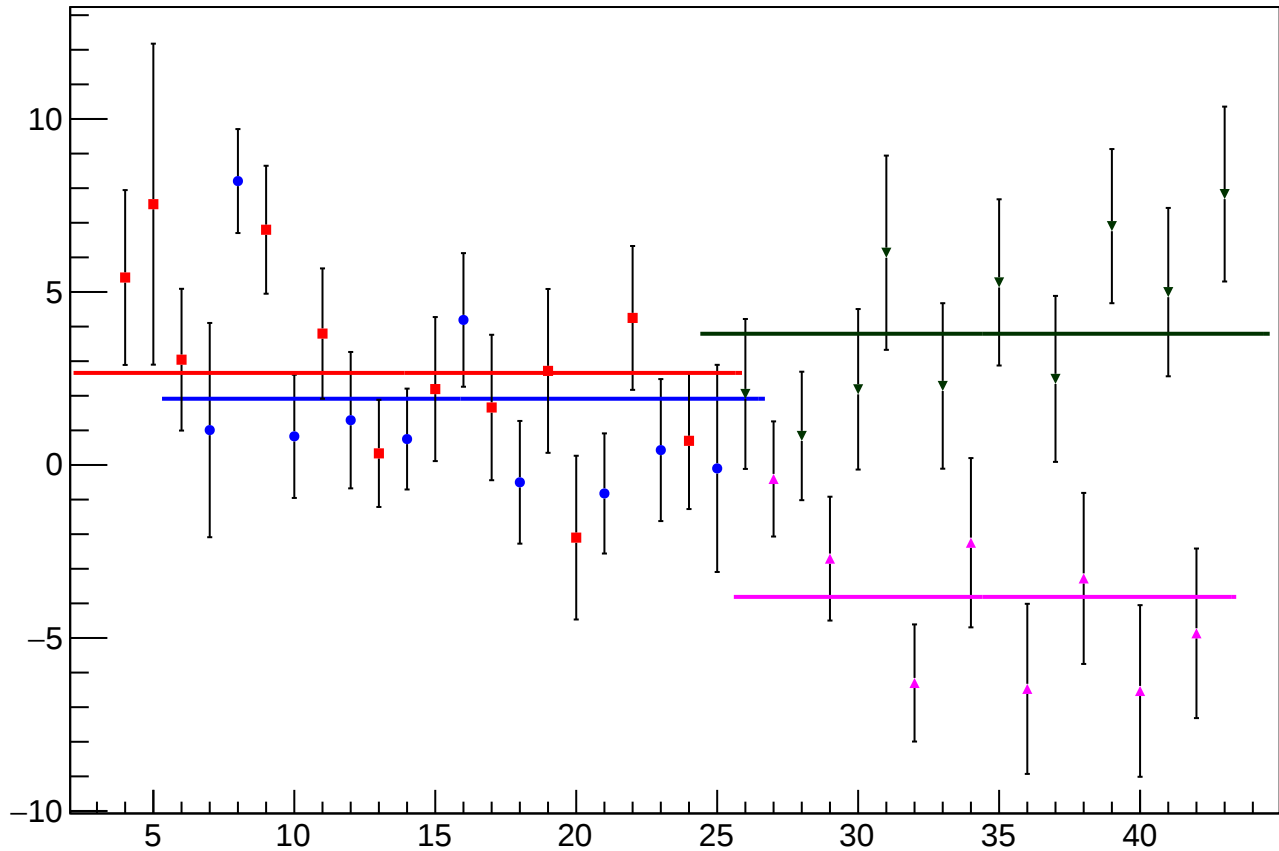
13677.055+/-2.876 χ^2/NDF : 985954.5/19

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

13725.429+/-2.927 χ^2/NDF : 1045827.1/19

Left In: 11954.771+/-3.826 χ^2/NDF : 479739.6/7

diff_bpm0l09Y_mean vs slug



Right In: 1.914 ± 0.592 $\chi^2/\text{NDF}: 25.4/9$

Left Out: 3.793 ± 0.732 $\chi^2/\text{NDF}: 10.2/9$

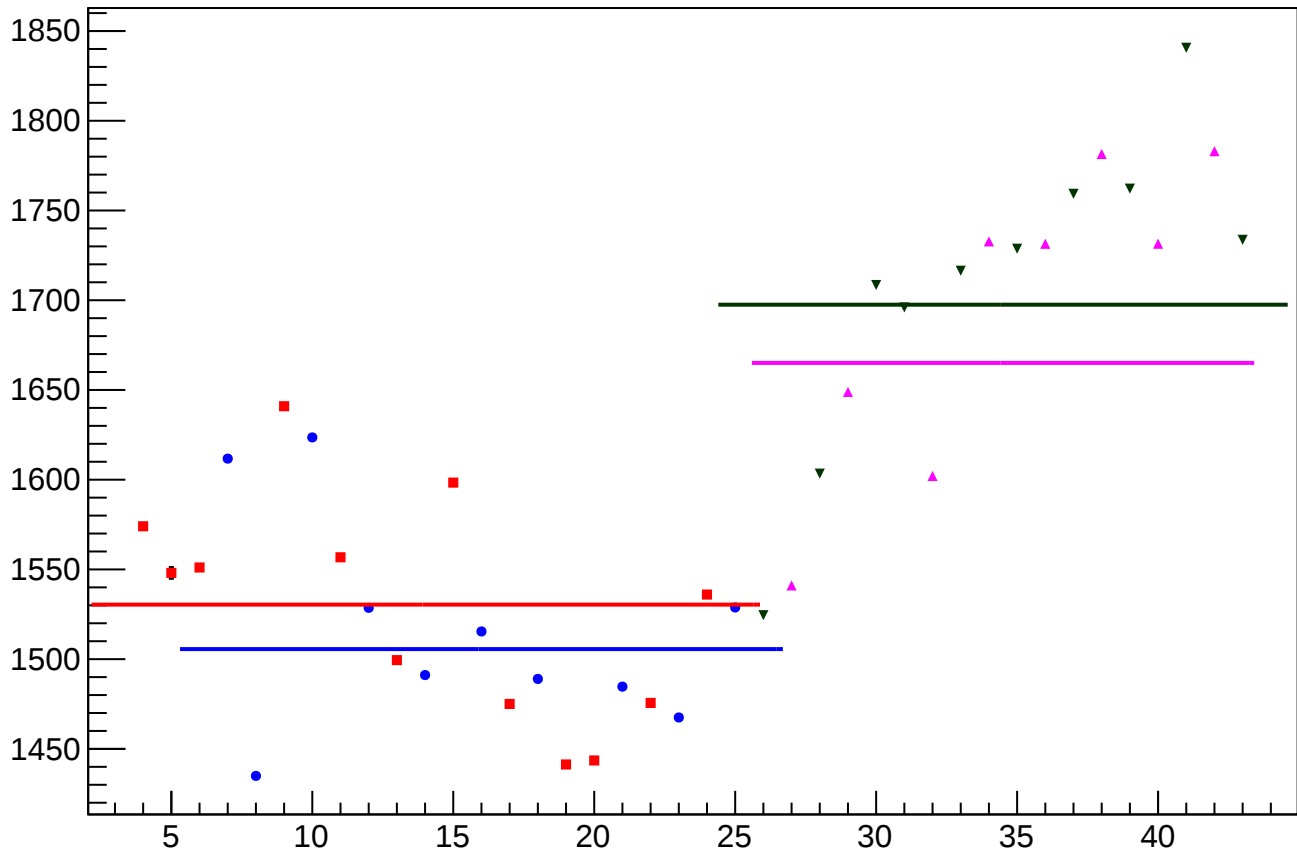
Right Out: 2.661 ± 0.605 $\chi^2/\text{NDF}: 15.9/11$

Left In: -3.813 ± 0.736 $\chi^2/\text{NDF}: 9.7/7$

2.656 ± 0.460 $\chi^2/\text{NDF}: 39.6/19$

0.051 ± 0.467 $\chi^2/\text{NDF}: 71.8/19$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1697.515+/-0.518 χ^2/NDF : 28748.0/9

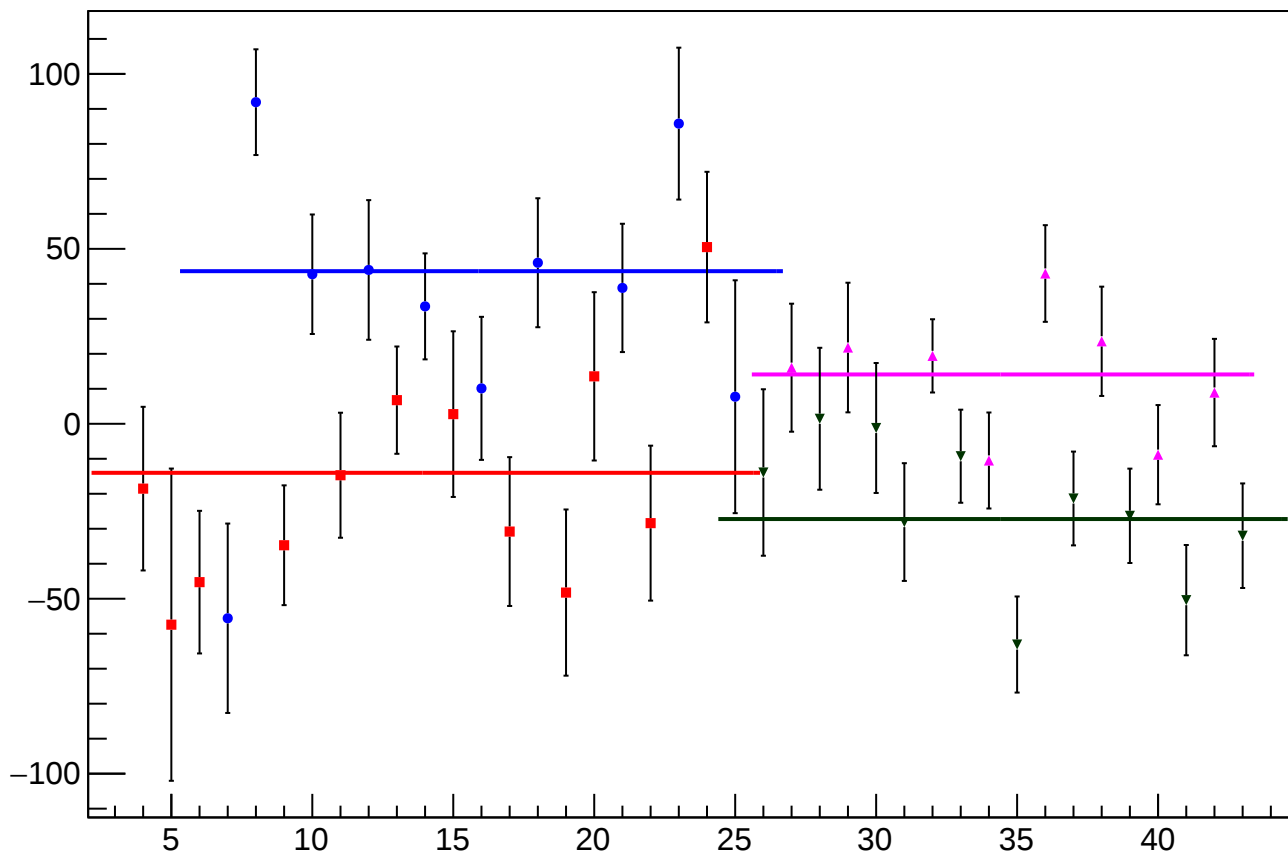
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

Left In: 1665.071+/-0.520 χ^2/NDF : 27535.3/7

1581.393+/-0.325 χ^2/NDF : 129199.0/19

1584.689+/-0.330 χ^2/NDF : 87158.5/19

diff_bpm0l10X_mean vs slug



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

Left Out: -27.224 ± 4.929 $\chi^2/\text{NDF}: 15.4/9$

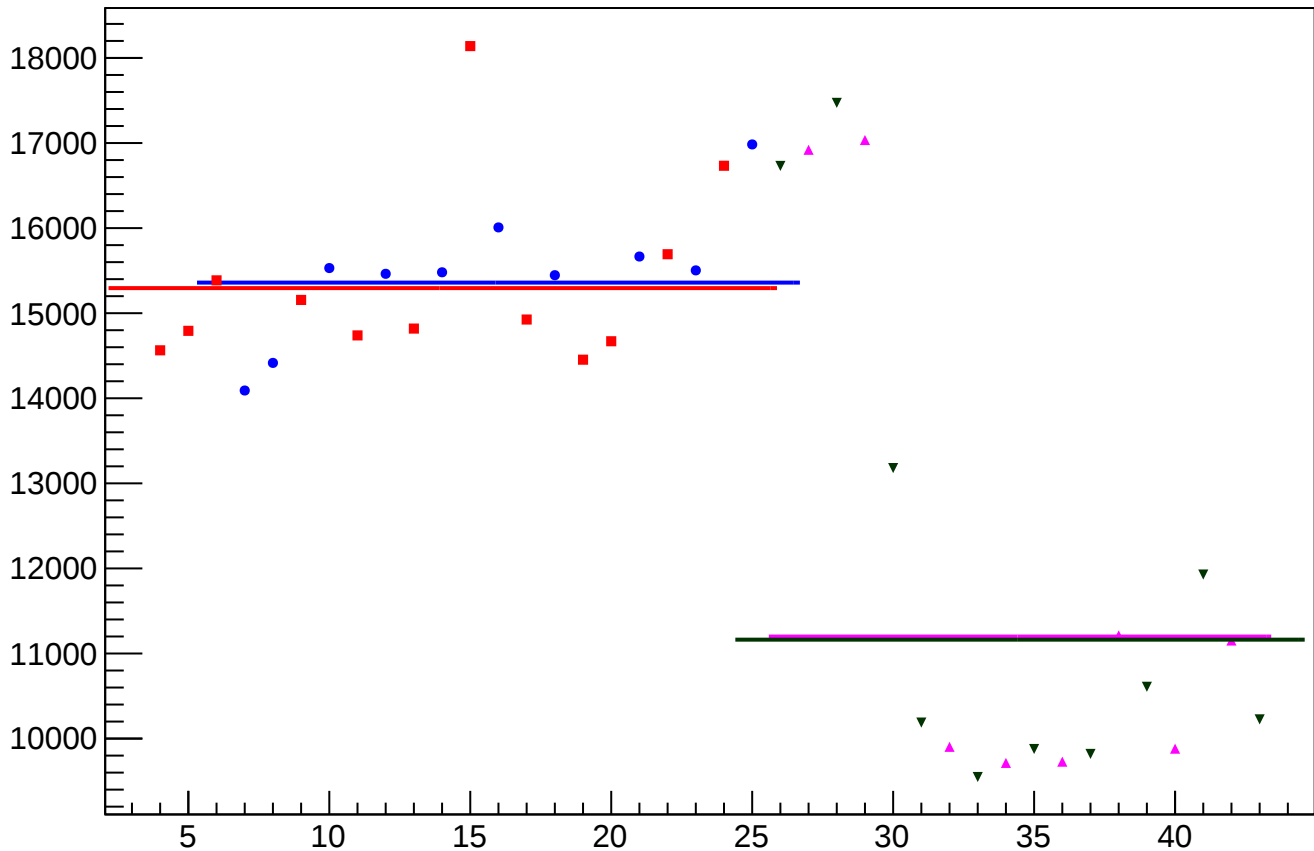
Right Out: -14.010 ± 6.060 $\chi^2/\text{NDF}: 20.6/11$

Left In: 14.102 ± 5.070 $\chi^2/\text{NDF}: 11.1/7$

1.077 ± 3.820 $\chi^2/\text{NDF}: 129.7/19$

2.526 ± 3.889 $\chi^2/\text{NDF}: 44.3/19$

diff_bpm0l10X_rms vs slug



Right In: 15359.560 $\pm$ 4.274 χ^2 /NDF: 20044.9/9

Left Out: 11162.780 $\pm$ 3.486 χ^2 /NDF: 416378.4/9

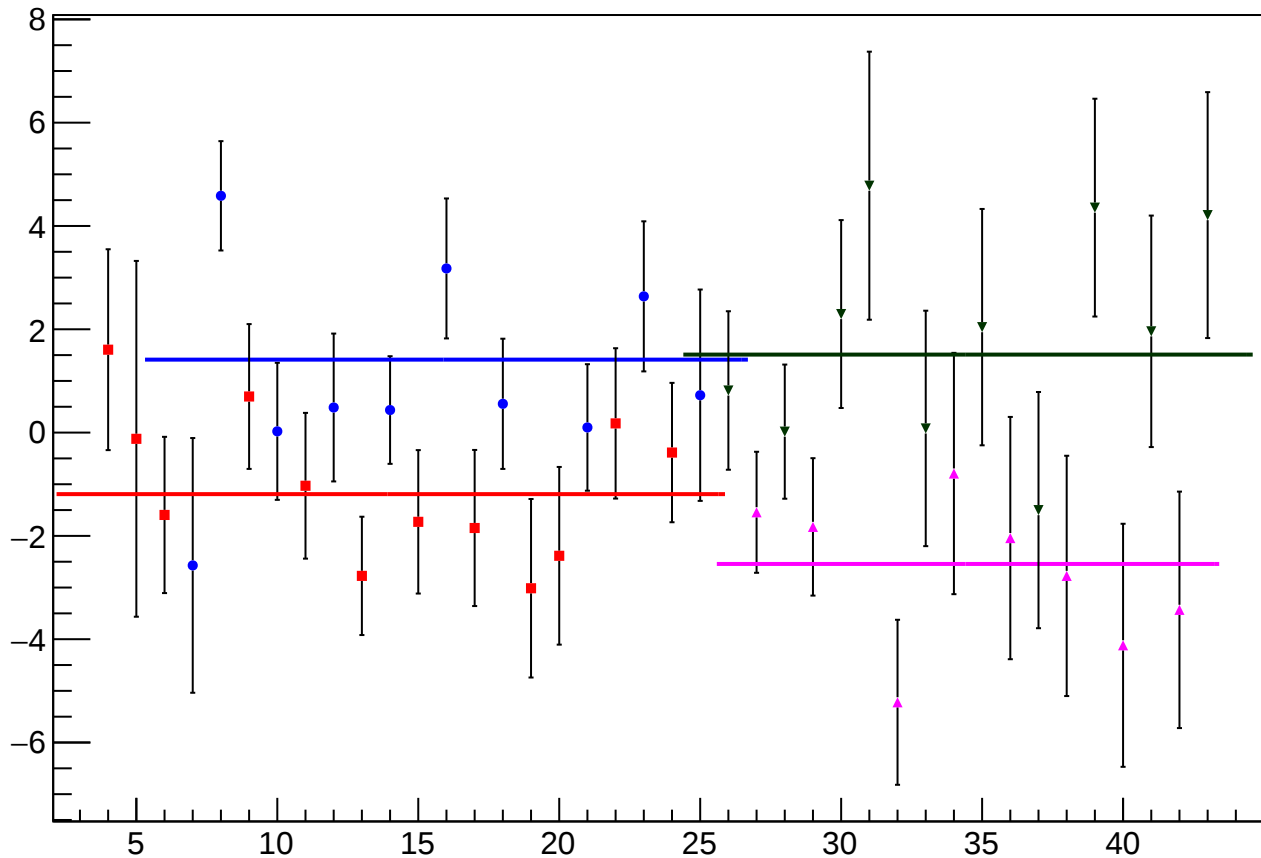
Right Out: 15294.772 $\pm$ 4.285 χ^2 /NDF: 49160.5/11

Left In: 11198.948 $\pm$ 3.585 χ^2 /NDF: 488189.4/7

12839.347 $\pm$ 2.701 χ^2 /NDF: 1015548.1/19

12885.572 $\pm$ 2.750 χ^2 /NDF: 1074786.9/19

diff_bpm0l10Y_mean vs slug



Right In: 1.412 ± 0.423 χ^2/NDF : 18.1/9

Left Out: 1.510 ± 0.615 χ^2/NDF : 8.6/9

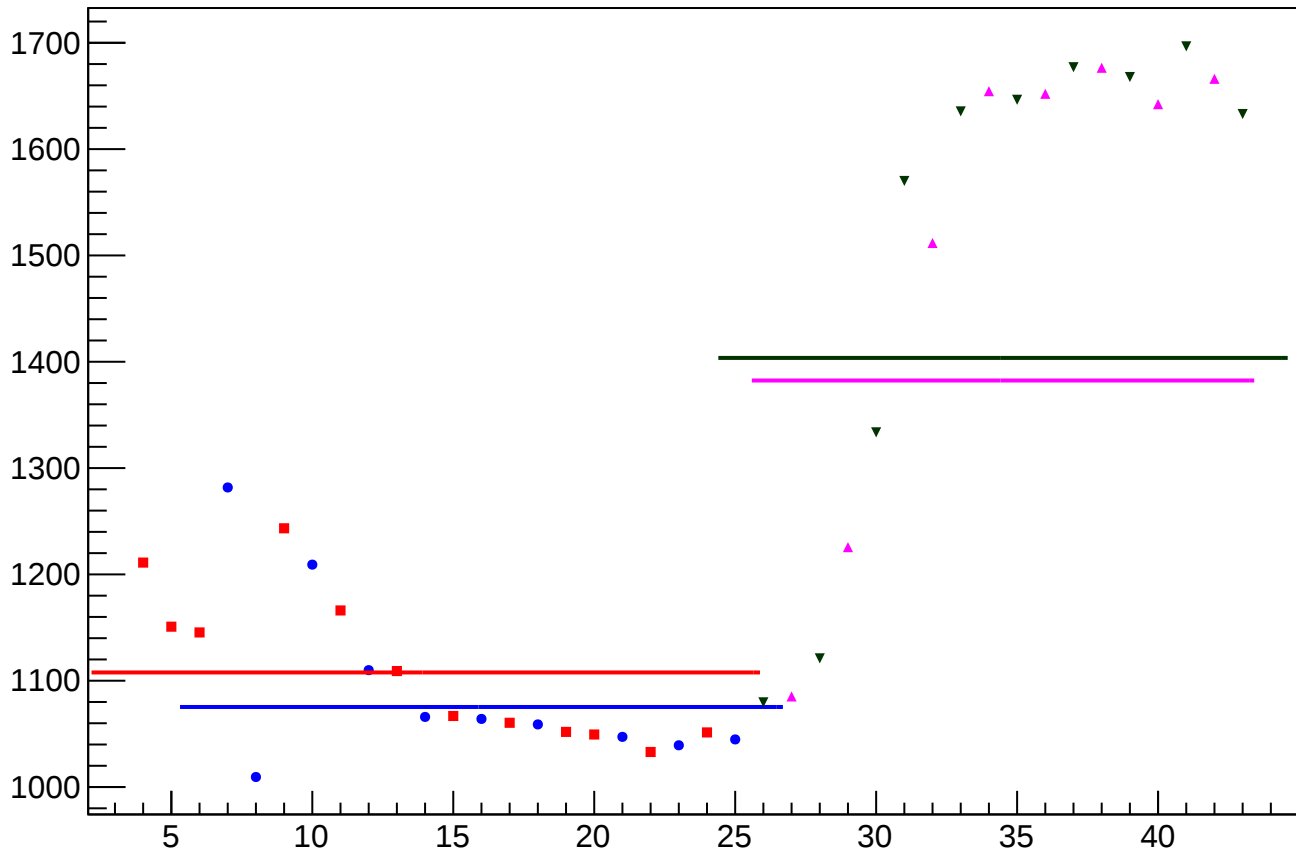
Right Out: -1.191 ± 0.438 χ^2/NDF : 9.1/11

Left In: -2.543 ± 0.619 χ^2/NDF : 5.0/7

1.444 ± 0.349 χ^2/NDF : 26.8/19

-1.642 ± 0.358 χ^2/NDF : 17.4/19

diff_bpm0l10Y_rms vs slug



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

Left Out: 1403.619 $\pm$ 0.435 χ^2 /NDF: 351032.7/9

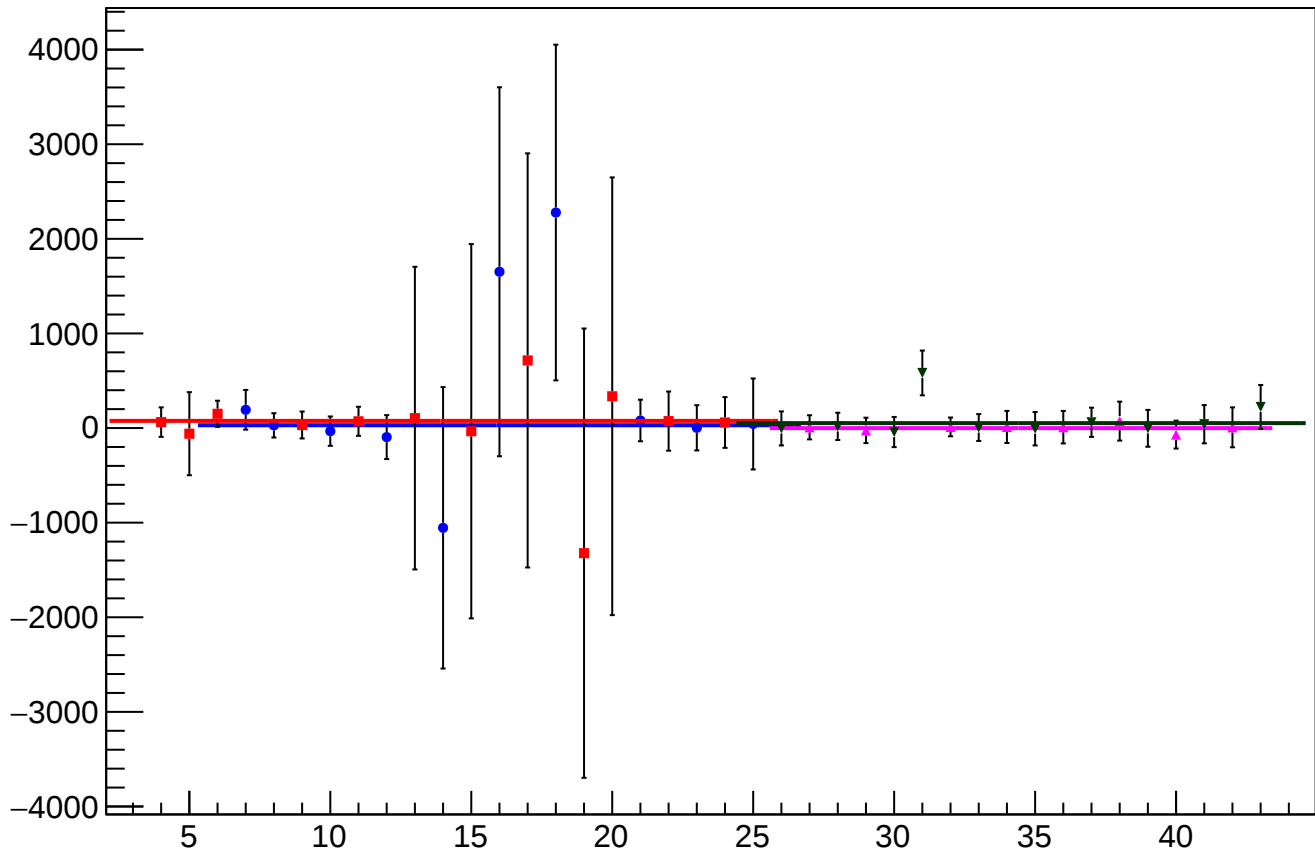
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

Left In: 1382.374 $\pm$ 0.438 χ^2 /NDF: 310261.5/7

1180.739 $\pm$ 0.246 χ^2 /NDF: 784649.0/19

1199.349 $\pm$ 0.253 χ^2 /NDF: 618540.0/19

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 29.643 $\pm$ 73.127 χ^2 /NDF: 4.0/9

Left Out: 51.986 $\pm$ 55.093 χ^2 /NDF:6.4/9

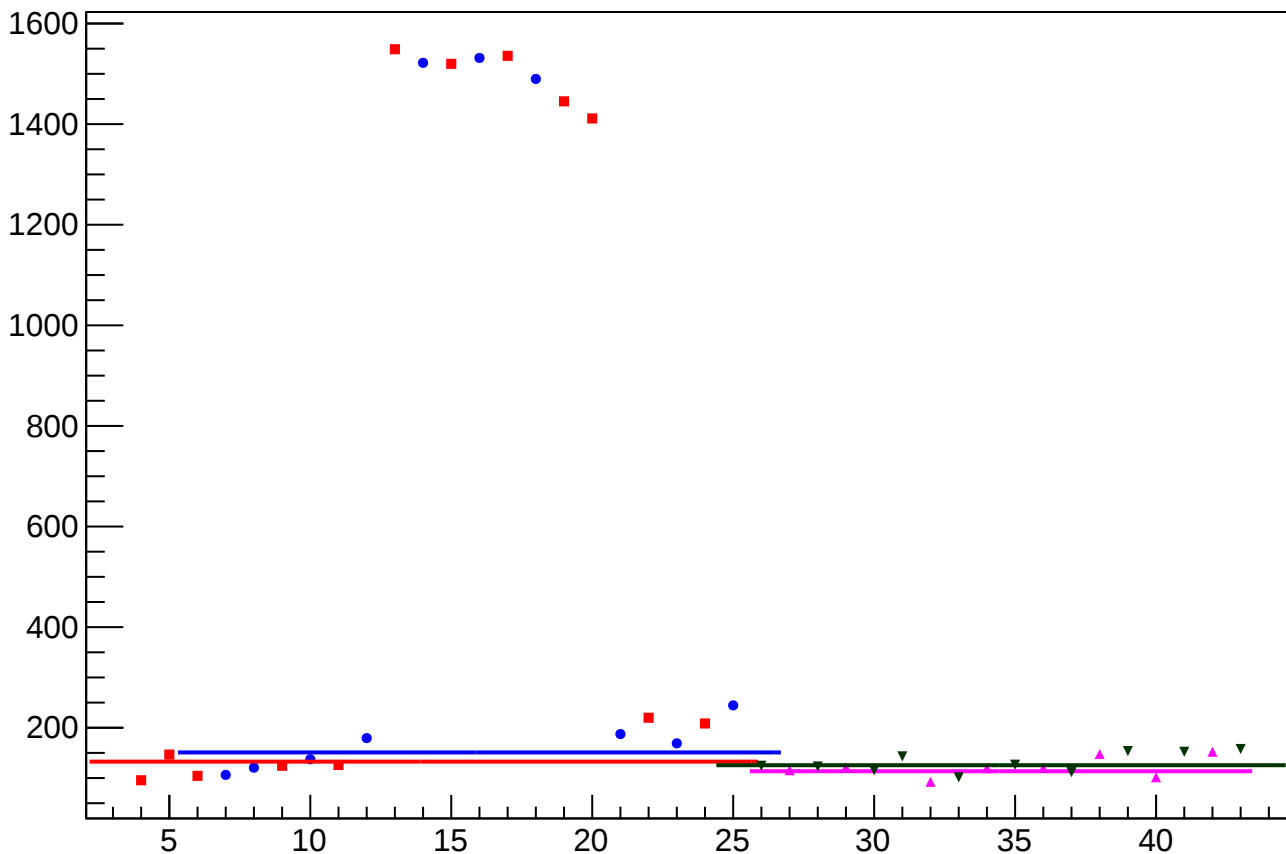
Right Out: 75.901 $\pm$ 68.054 χ^2 /NDF: 0.9/11

Left In: -0.644 $\pm$ 51.352 χ^2 /NDF:0.4/7

43.896 $\pm$ 44.002 χ^2 /NDF: 10.4/19

27.127 $\pm$ 40.991 χ^2 /NDF: 2.2/19

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: 125.526+/-0.039 χ^2/NDF : 209010.8/9

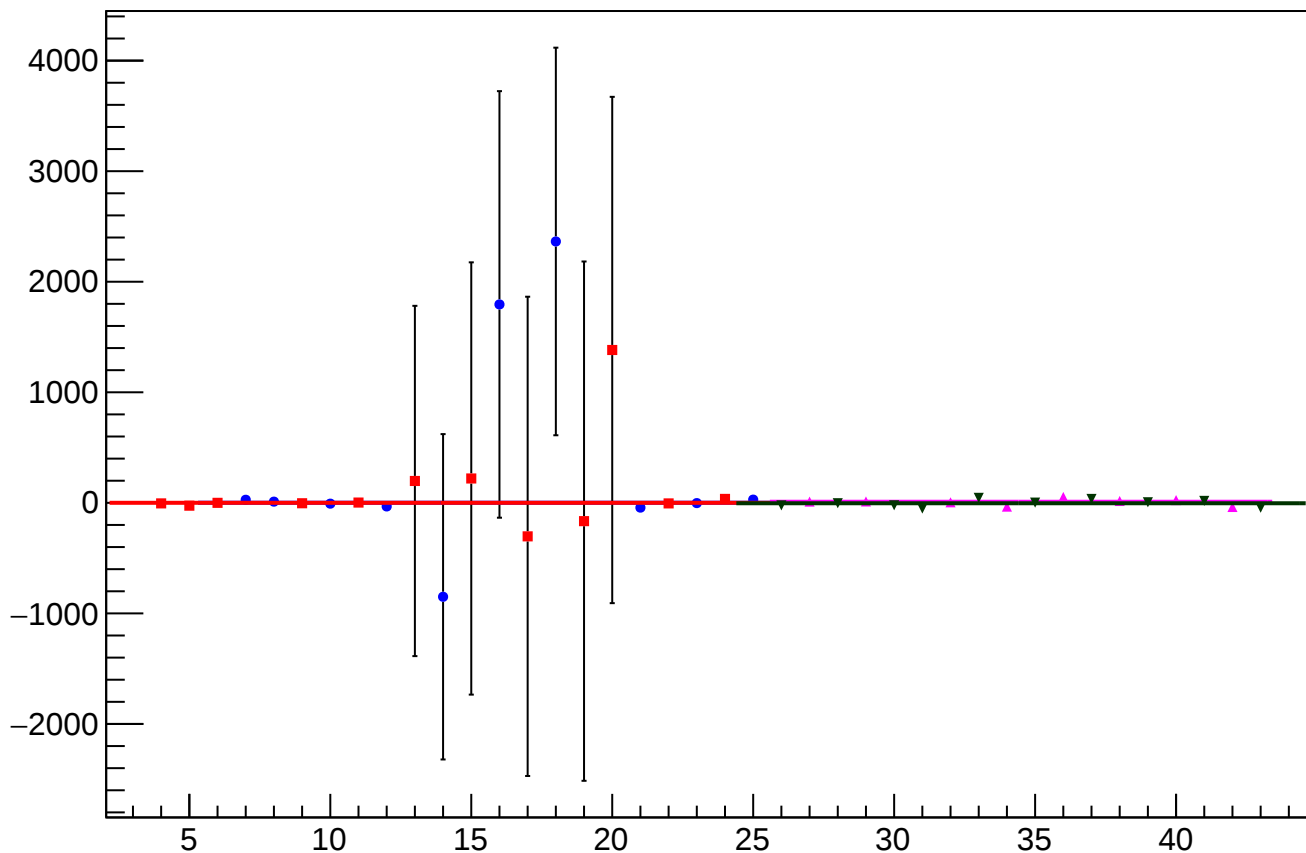
134.723+/-0.031 χ^2/NDF : 4592979.4/19

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

120.513+/-0.029 χ^2/NDF : 5457976.7/19

Left In: 113.604+/-0.036 χ^2/NDF : 238137.3/7

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: -3.746+/-7.432 χ^2/NDF : 14.5/9

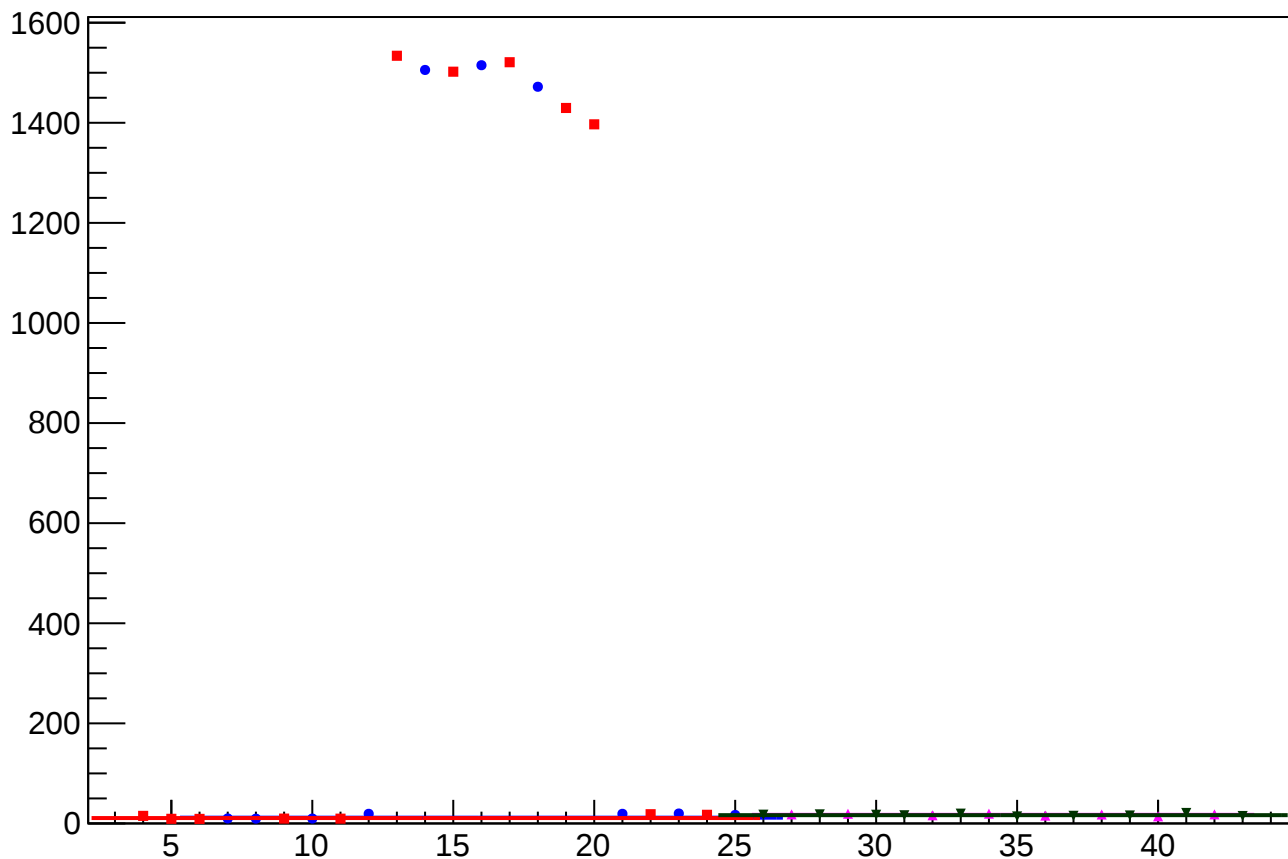
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 9.945+/-7.920 χ^2/NDF : 9.8/7

-0.973+/-4.760 χ^2/NDF : 26.6/19

3.745+/-4.722 χ^2/NDF : 14.7/19

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: 16.582+/-0.005 χ^2/NDF :133569.4/9

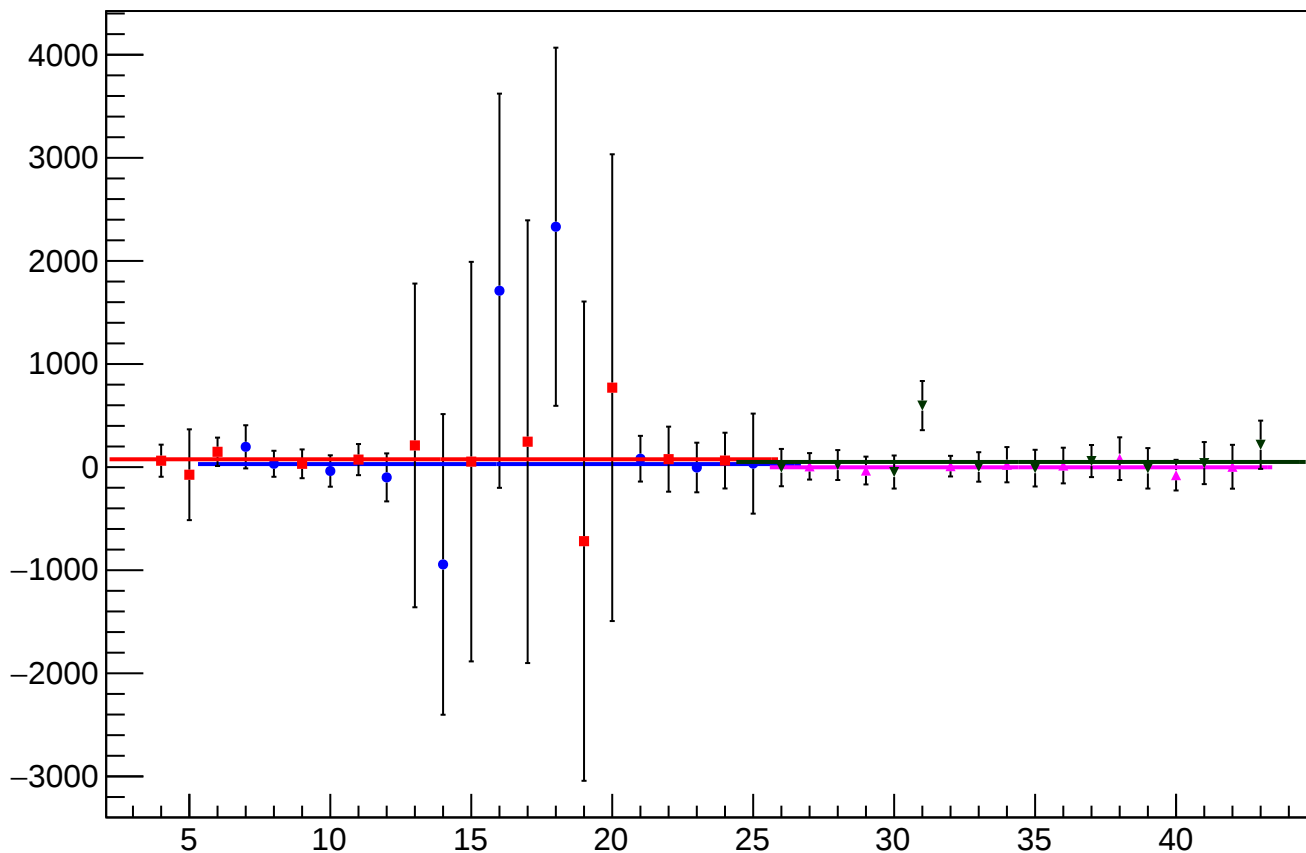
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 17.195+/-0.006 χ^2/NDF :95602.0/7

13.617+/-0.003 χ^2/NDF : 6041490.4/19

13.068+/-0.003 χ^2/NDF : 6860844.7/19

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: 50.113+/-55.521 χ^2/NDF : 6.6/9

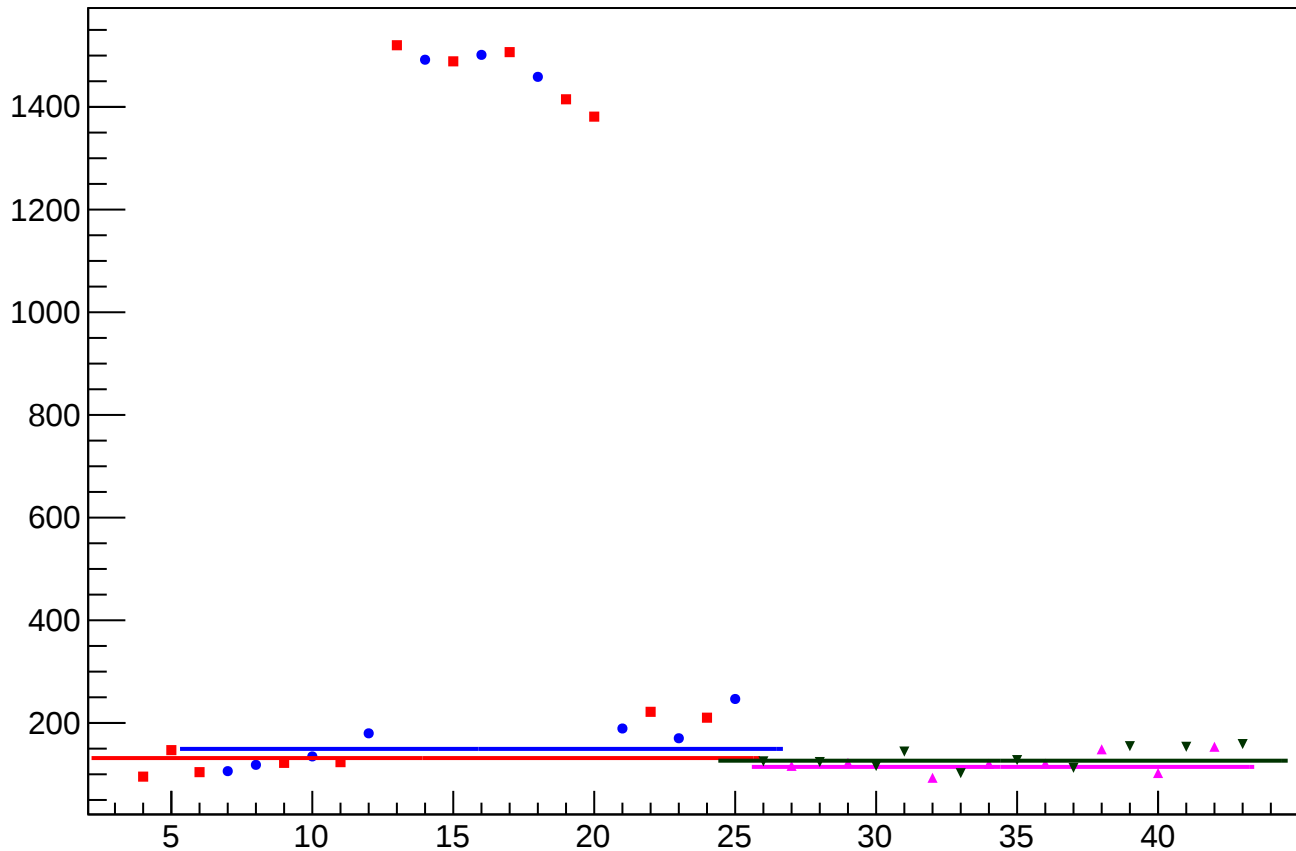
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: -1.698+/-51.720 χ^2/NDF : 0.5/7

42.489+/-44.083 χ^2/NDF : 10.8/19

27.042+/-41.061 χ^2/NDF : 2.1/19

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: 126.498 +/- 0.039 χ^2/NDF : 209198.2/9

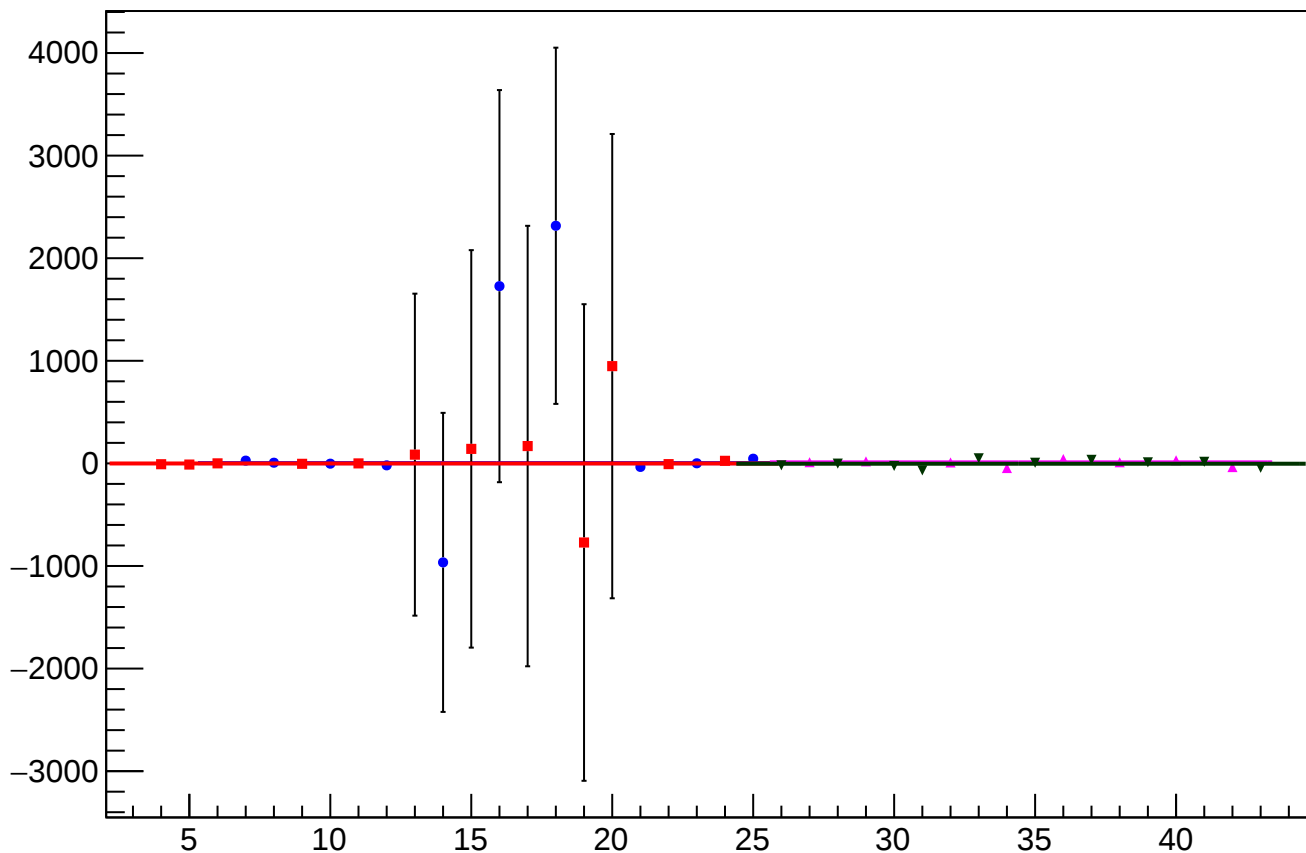
Right Out: 131.616 +/- 0.048 χ^2/NDF : 5120657.7/11

Left In: 114.413 +/- 0.037 χ^2/NDF : 238125.6/7

134.995 +/- 0.031 χ^2/NDF : 4585822.8/19

120.773 +/- 0.029 χ^2/NDF : 5440590.0/19

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: -3.293+/-7.243 χ^2/NDF : 18.2/9

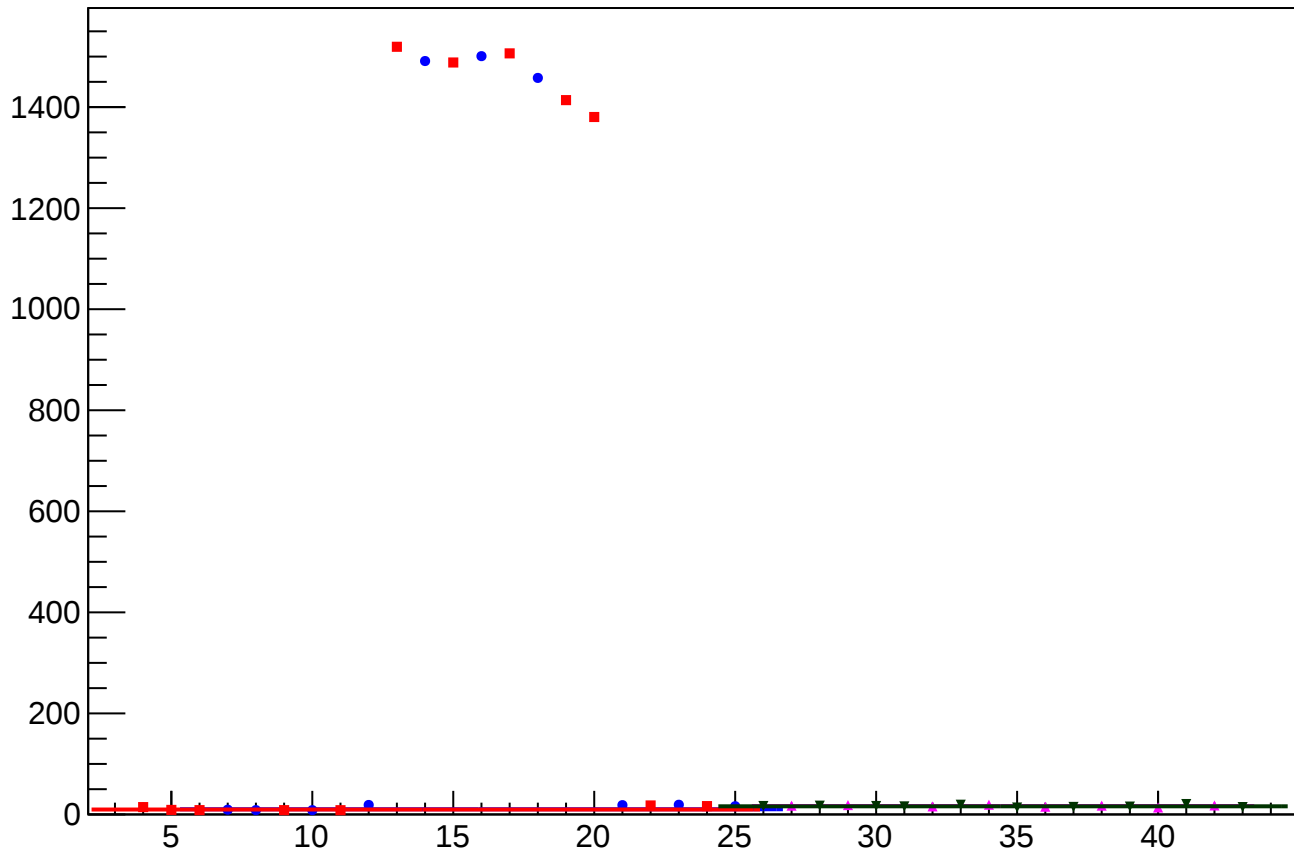
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 10.345+/-7.711 χ^2/NDF : 10.3/7

0.403+/-4.429 χ^2/NDF : 28.7/19

2.837+/-4.403 χ^2/NDF : 13.8/19

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: 16.136+/-0.005 χ^2/NDF : 128057.2/9

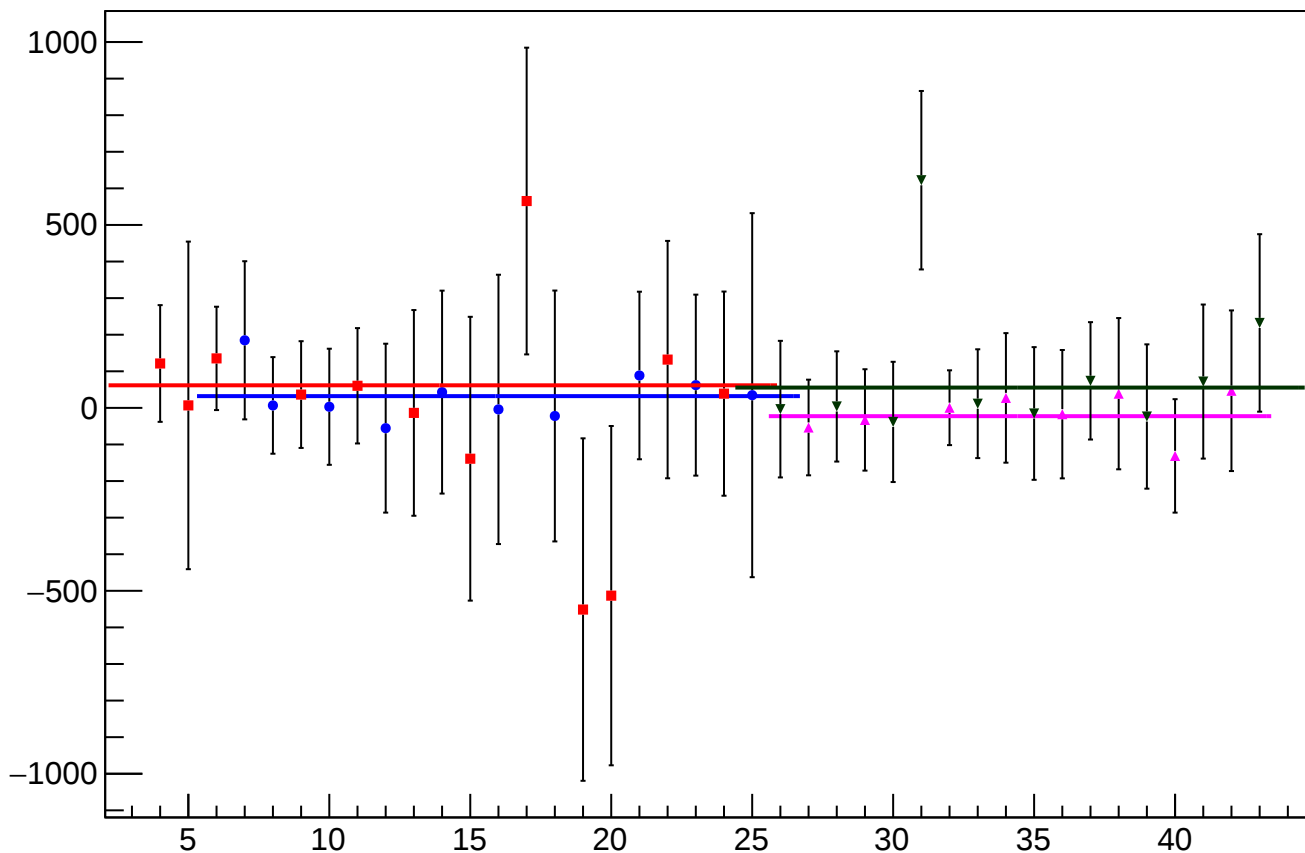
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 16.705+/-0.005 χ^2/NDF : 90228.8/7

12.481+/-0.003 χ^2/NDF : 6457471.1/19

12.028+/-0.003 χ^2/NDF : 7191389.0/19

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: 55.504 ± 57.134 χ^2/NDF : 6.9/9

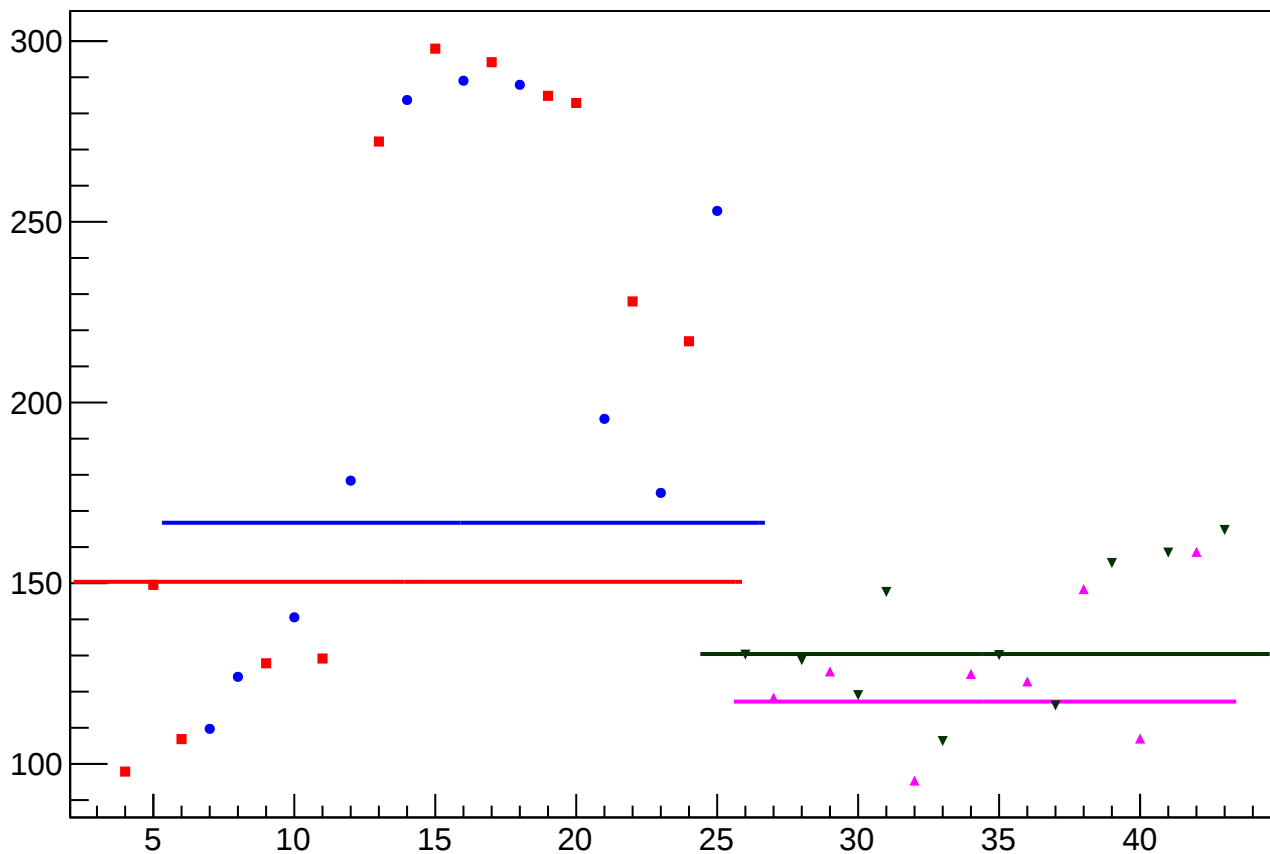
Right Out: 61.700 ± 64.794 χ^2/NDF : 5.5/11

Left In: -22.649 ± 52.967 χ^2/NDF : 0.9/7

46.123 ± 44.197 χ^2/NDF : 7.8/19

11.139 ± 41.009 χ^2/NDF : 7.4/19

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: 130.412 $\pm$ 0.040 χ^2 /NDF: 196128.5/9

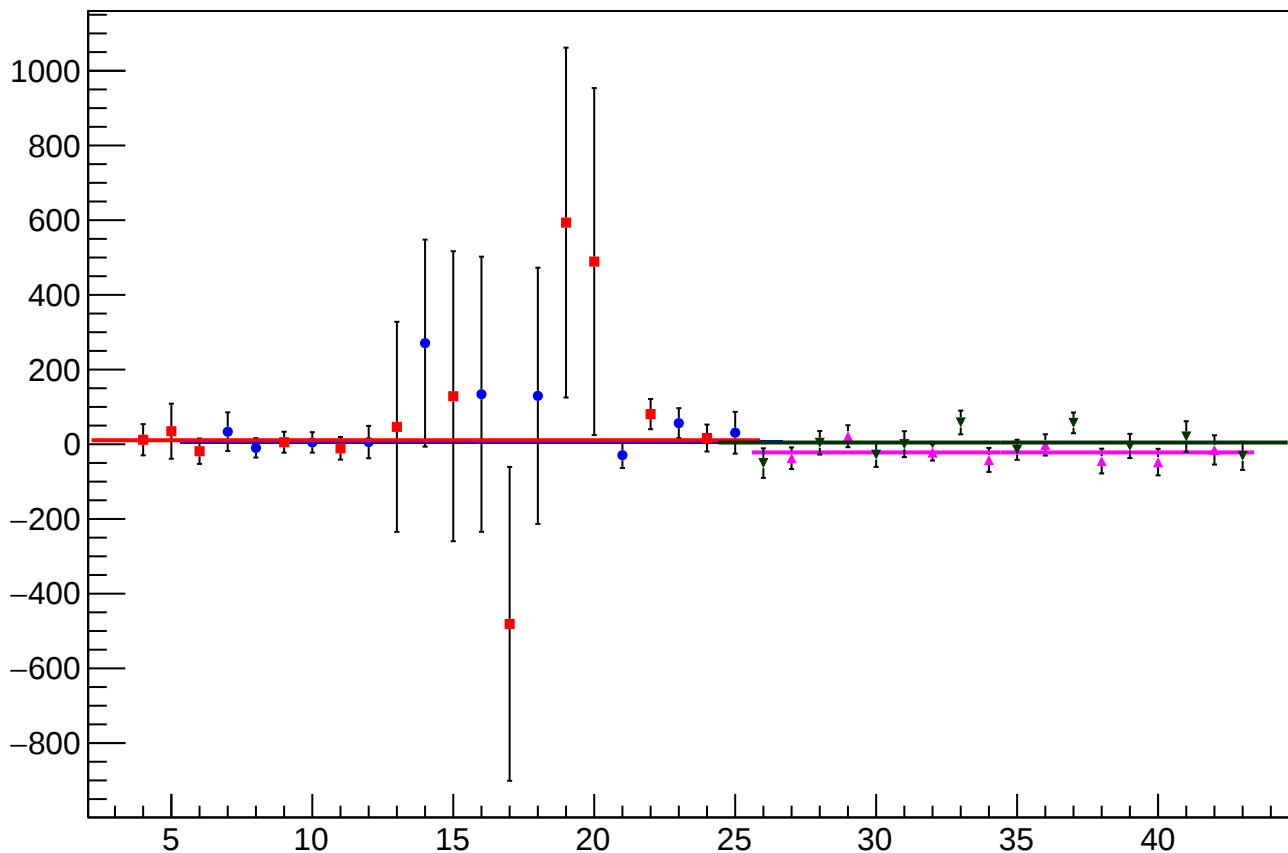
144.999 $\pm$ 0.031 χ^2 /NDF: 1848375.2/19

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

130.525 $\pm$ 0.029 χ^2 /NDF: 2490741.2/19

Left In: 117.248 $\pm$ 0.037 χ^2 /NDF: 229796.6/7

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: 4.706 $\pm$ 10.341 χ^2 /NDF:11.1/9

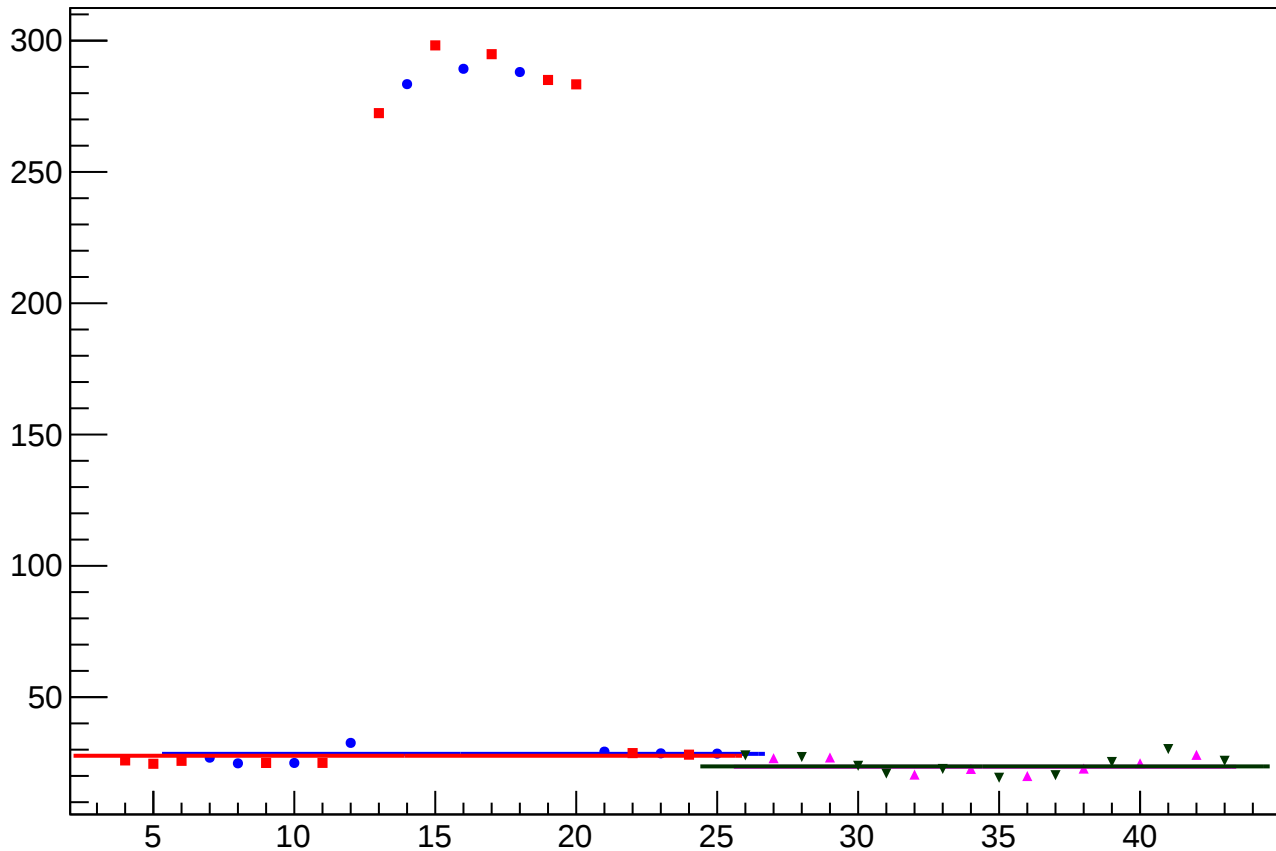
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -21.835 $\pm$ 10.543 χ^2 /NDF:4.4/7

5.248 $\pm$ 8.192 χ^2 /NDF: 15.7/19

-9.597 $\pm$ 8.335 χ^2 /NDF: 16.5/19

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: 23.629+/-0.007 χ^2/NDF : 207433.9/9

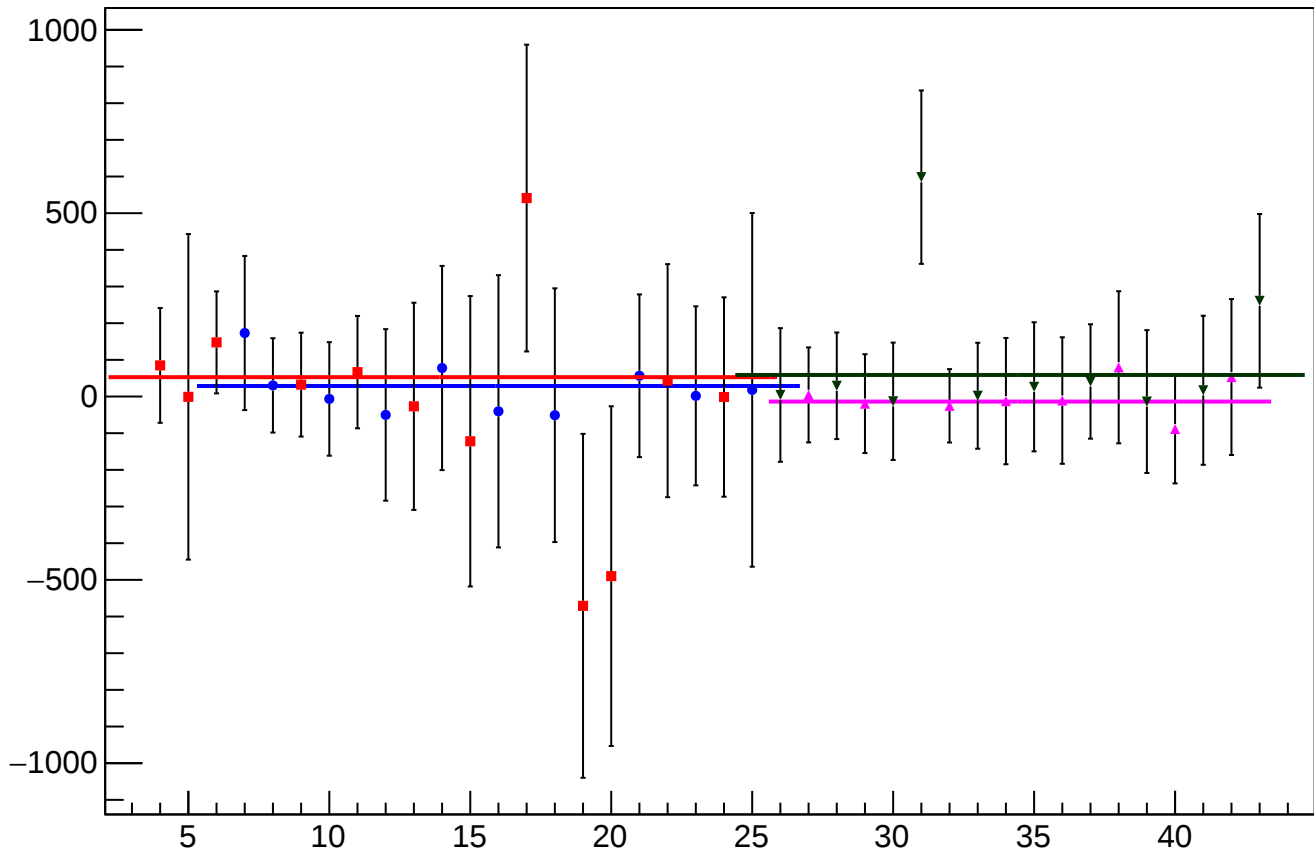
25.408+/-0.006 χ^2/NDF : 4302452.0/19

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

25.061+/-0.006 χ^2/NDF : 4825851.9/19

Left In: 23.487+/-0.007 χ^2/NDF : 153941.7/7

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: 58.807+/-55.552 χ^2/NDF : 6.6/9

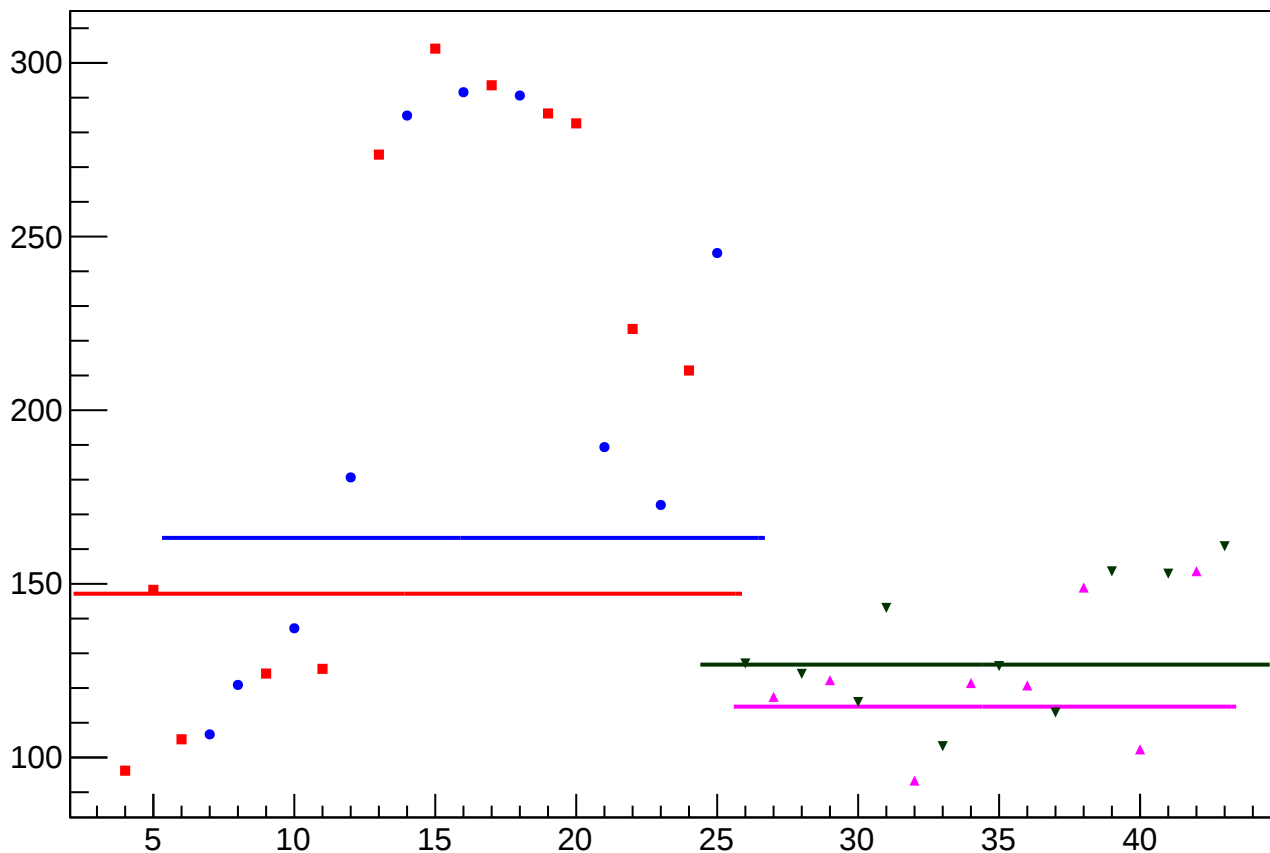
46.868+/-43.155 χ^2/NDF : 7.5/19

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

12.778+/-40.167 χ^2/NDF : 6.6/19

Left In: -13.756+/-51.803 χ^2/NDF : 0.6/7

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: 126.741+/-0.039 χ^2/NDF :200512.0/9

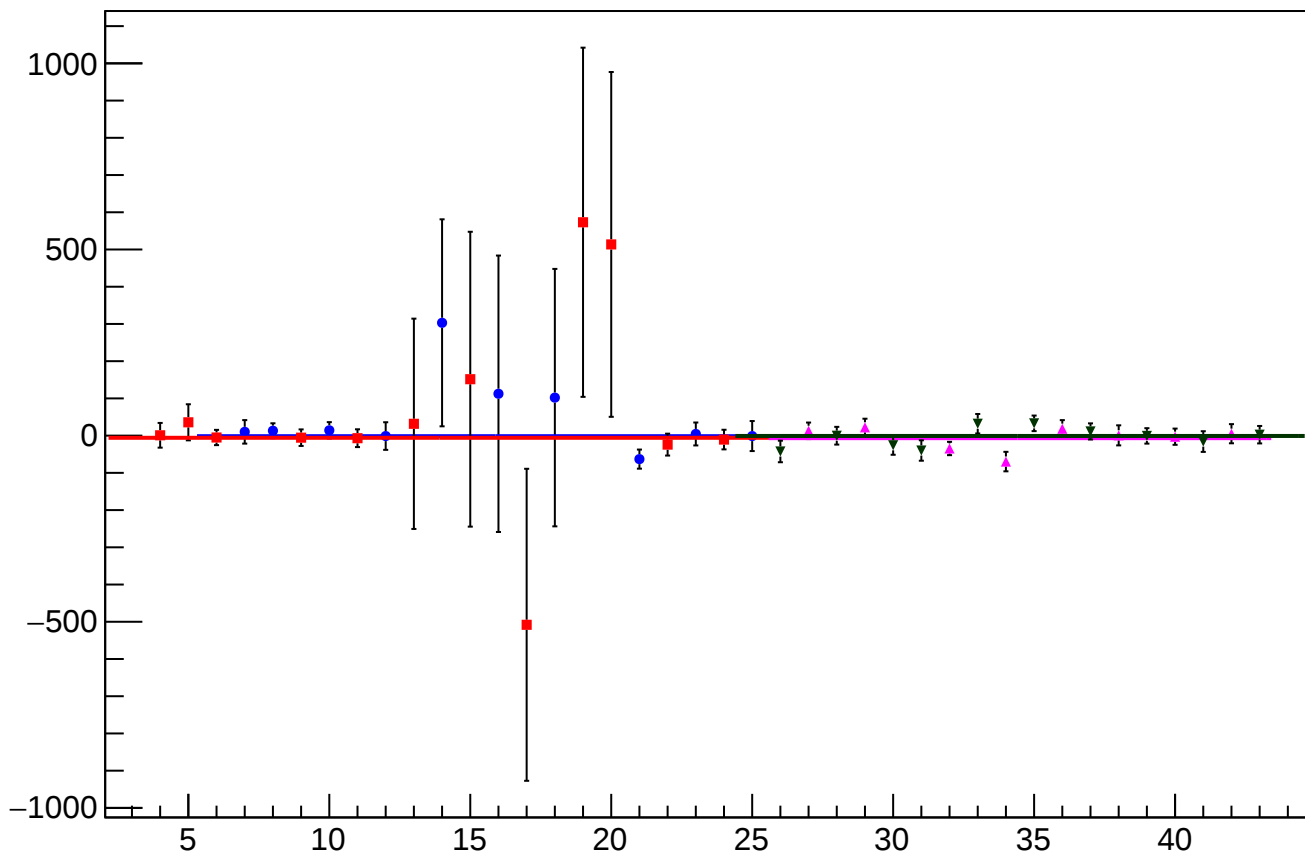
141.213+/-0.031 χ^2/NDF : 1951999.7/19

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

127.608+/-0.028 χ^2/NDF : 2570757.6/19

Left In: 114.640+/-0.037 χ^2/NDF :239225.5/7

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: -0.891 ± 7.638 χ^2/NDF : 9.9/9

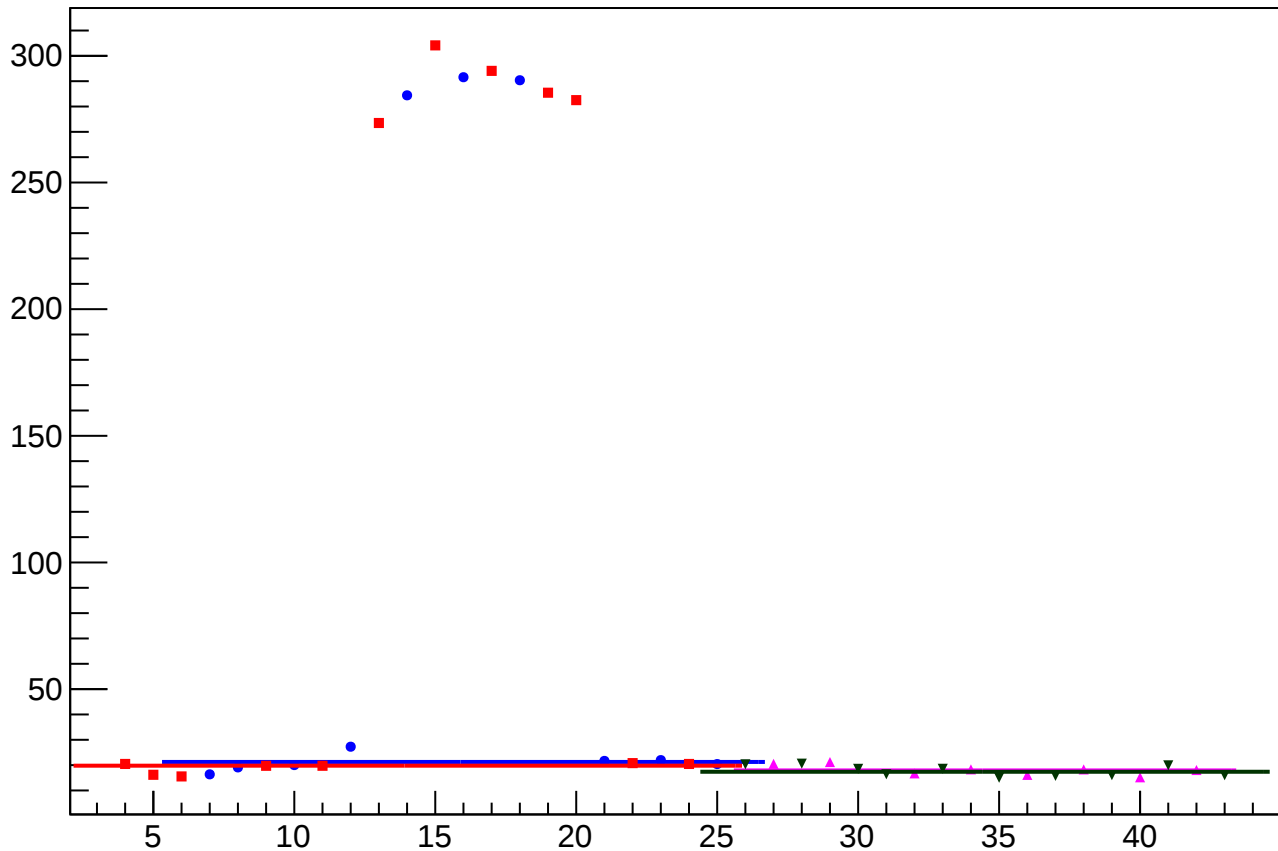
Right Out: -5.806 ± 9.942 χ^2/NDF : 5.6/11

Left In: -6.793 ± 8.078 χ^2/NDF : 12.1/7

-1.115 ± 6.124 χ^2/NDF : 18.3/19

-6.400 ± 6.269 χ^2/NDF : 17.7/19

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: 17.382+/-0.005 χ^2/NDF :136187.2/9

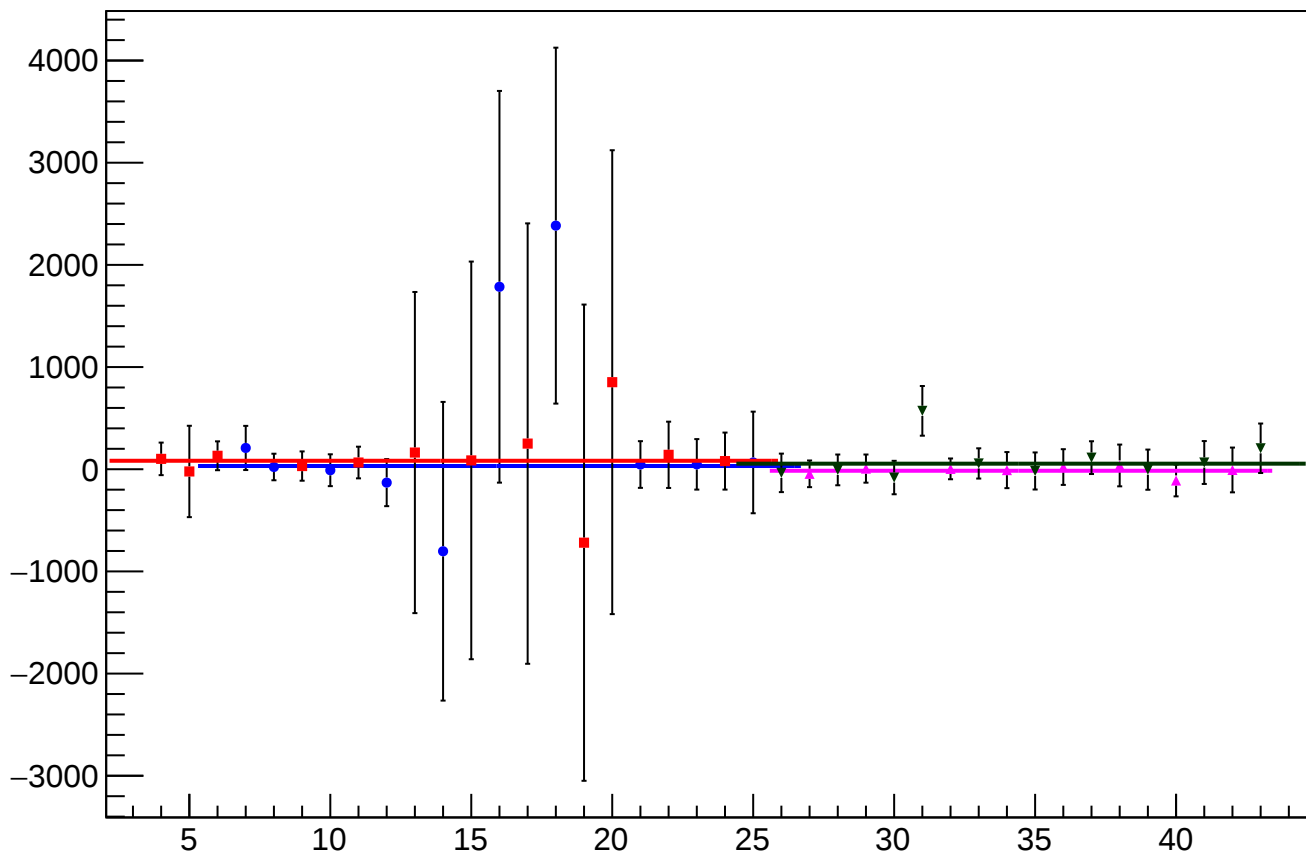
18.765+/-0.004 χ^2/NDF : 4516532.0/19

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

18.660+/-0.004 χ^2/NDF : 5050506.9/19

Left In: 17.922+/-0.006 χ^2/NDF :120113.5/7

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: 54.414 ± 57.060 χ^2/NDF : 6.4/9

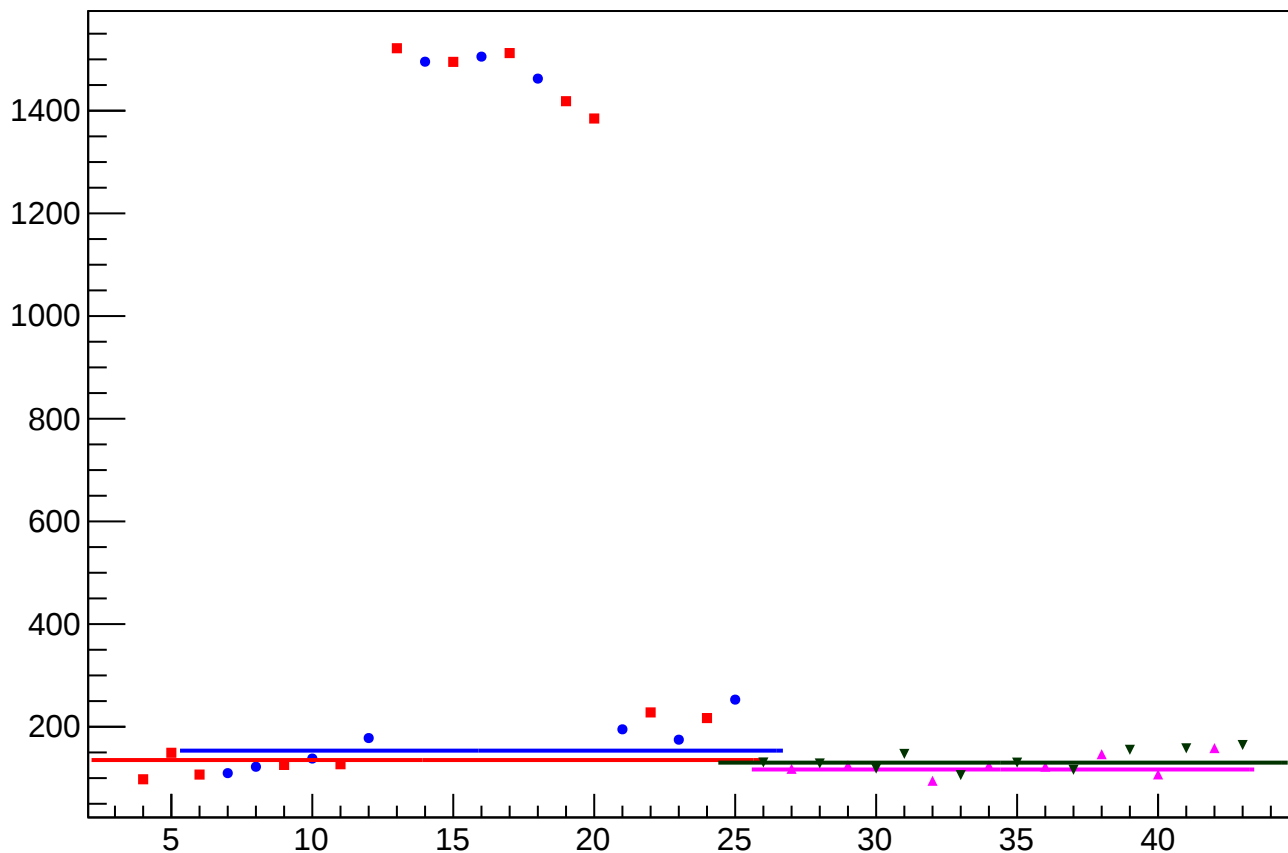
Right Out: 82.898 ± 69.271 χ^2/NDF : 0.6/11

Left In: -14.902 ± 52.762 χ^2/NDF : 0.6/7

45.939 ± 45.246 χ^2/NDF : 10.7/19

21.005 ± 41.973 χ^2/NDF : 2.5/19

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: 130.144+/-0.040 χ^2/NDF :197118.8/9

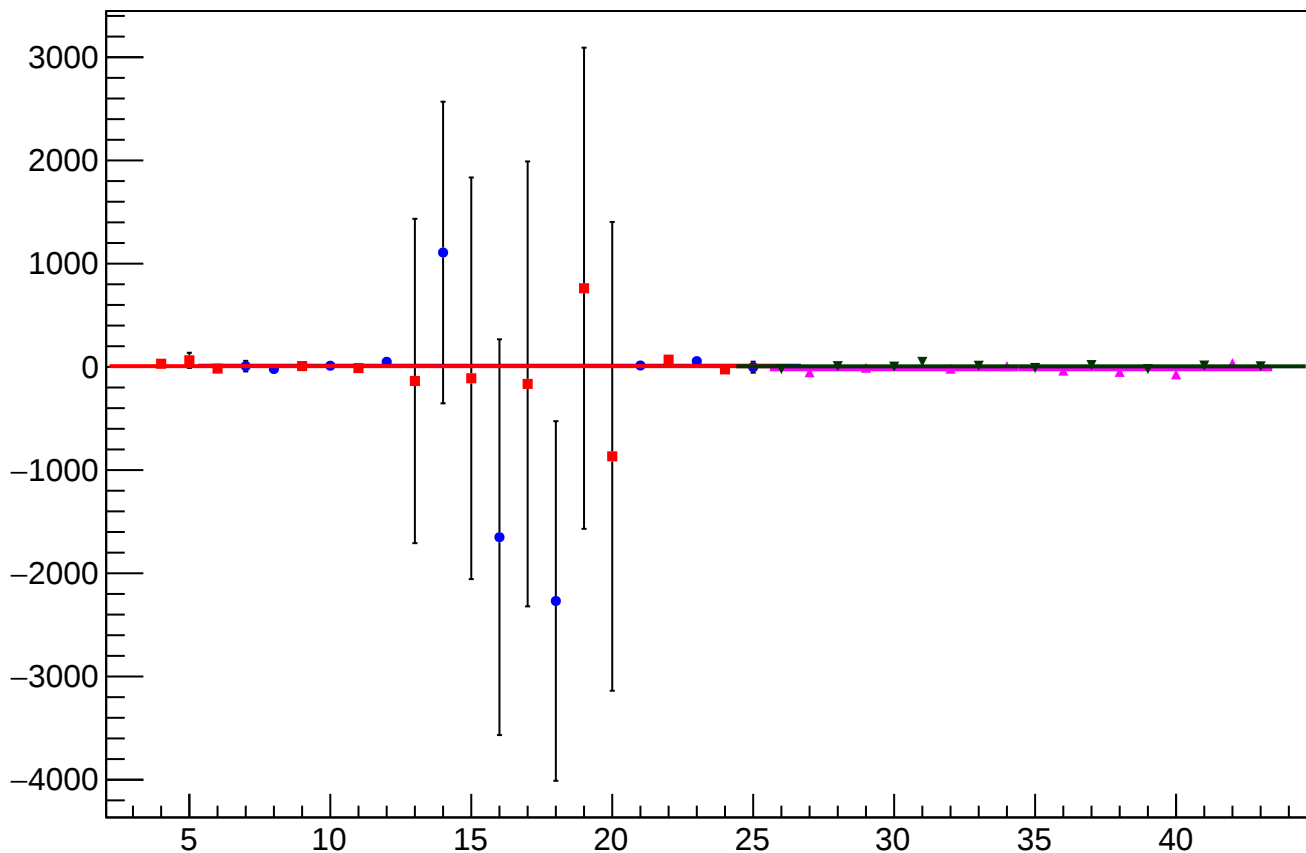
Right Out: 135.194+/-0.049 χ^2/NDF : 5104872.2/11

Left In: 116.788+/-0.037 χ^2/NDF :228721.9/7

138.822+/-0.032 χ^2/NDF : 4534108.4/19

123.545+/-0.030 χ^2/NDF : 5422954.8/19

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: 5.137+/-9.787 χ^2/NDF : 3.6/9

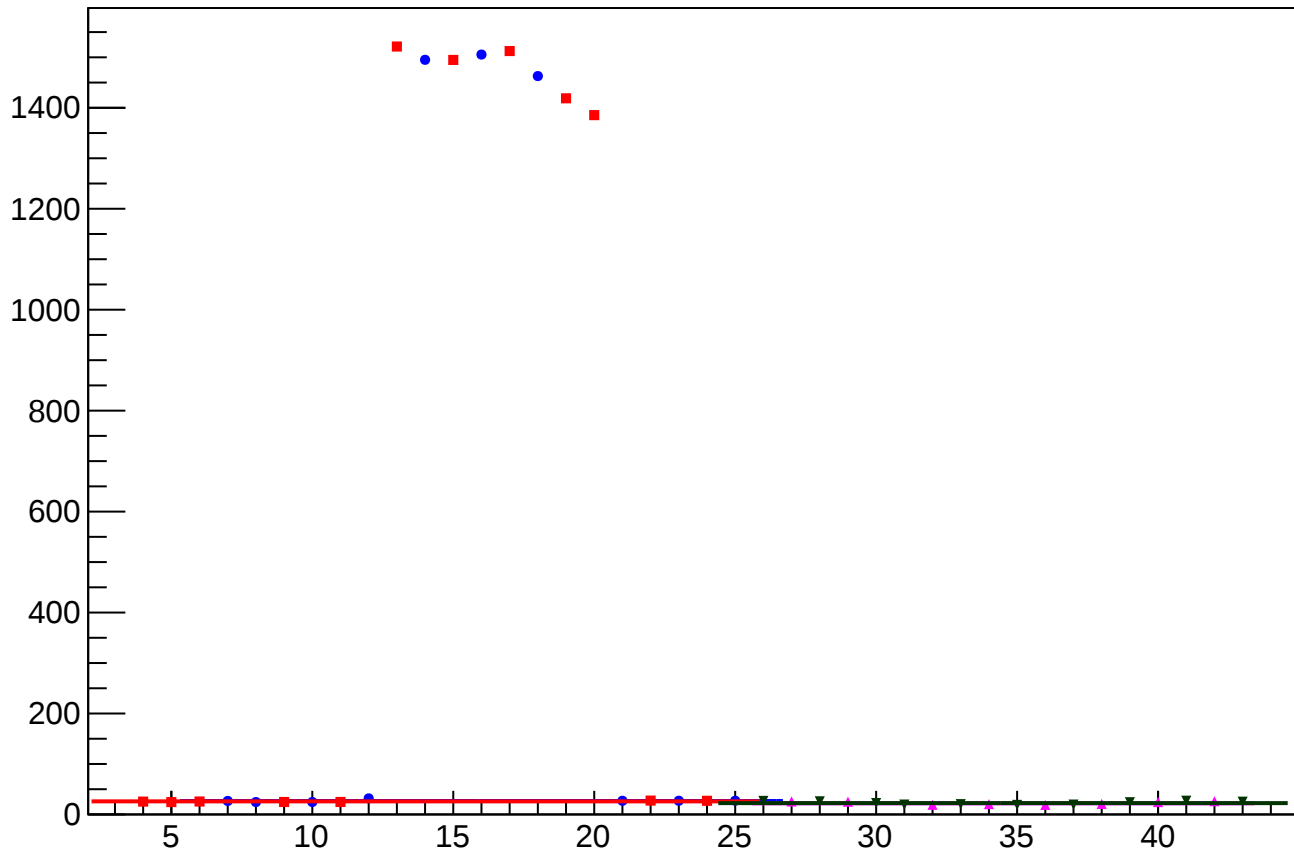
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -23.650+/-9.834 χ^2/NDF : 8.3/7

7.164+/-7.832 χ^2/NDF : 10.6/19

-12.950+/-7.930 χ^2/NDF : 17.2/19

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: 22.469+/-0.007 χ^2/NDF :192593.7/9

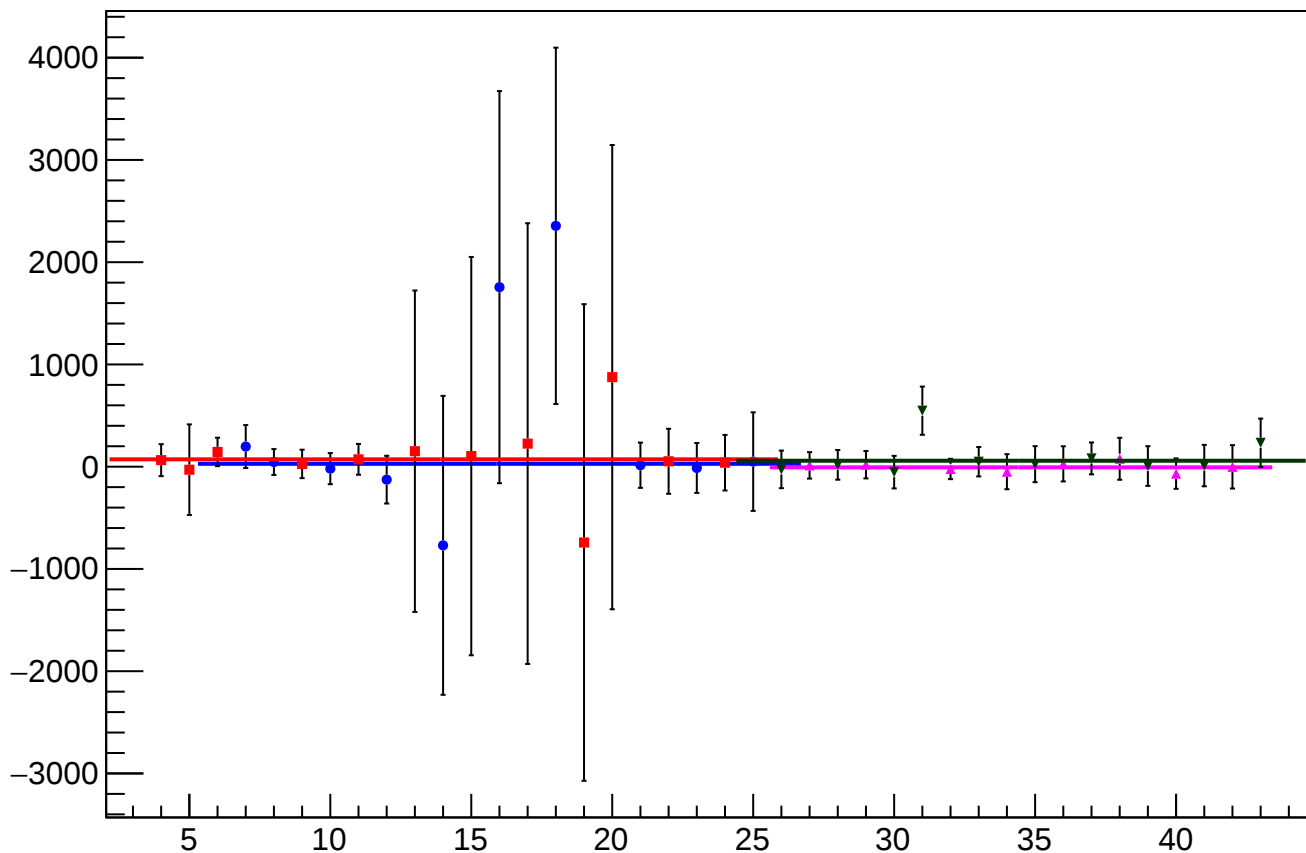
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 22.038+/-0.007 χ^2/NDF :174542.6/7

23.952+/-0.006 χ^2/NDF : 4944289.8/19

23.404+/-0.006 χ^2/NDF : 5631780.1/19

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: 58.282+/-55.472 χ^2/NDF : 5.8/9

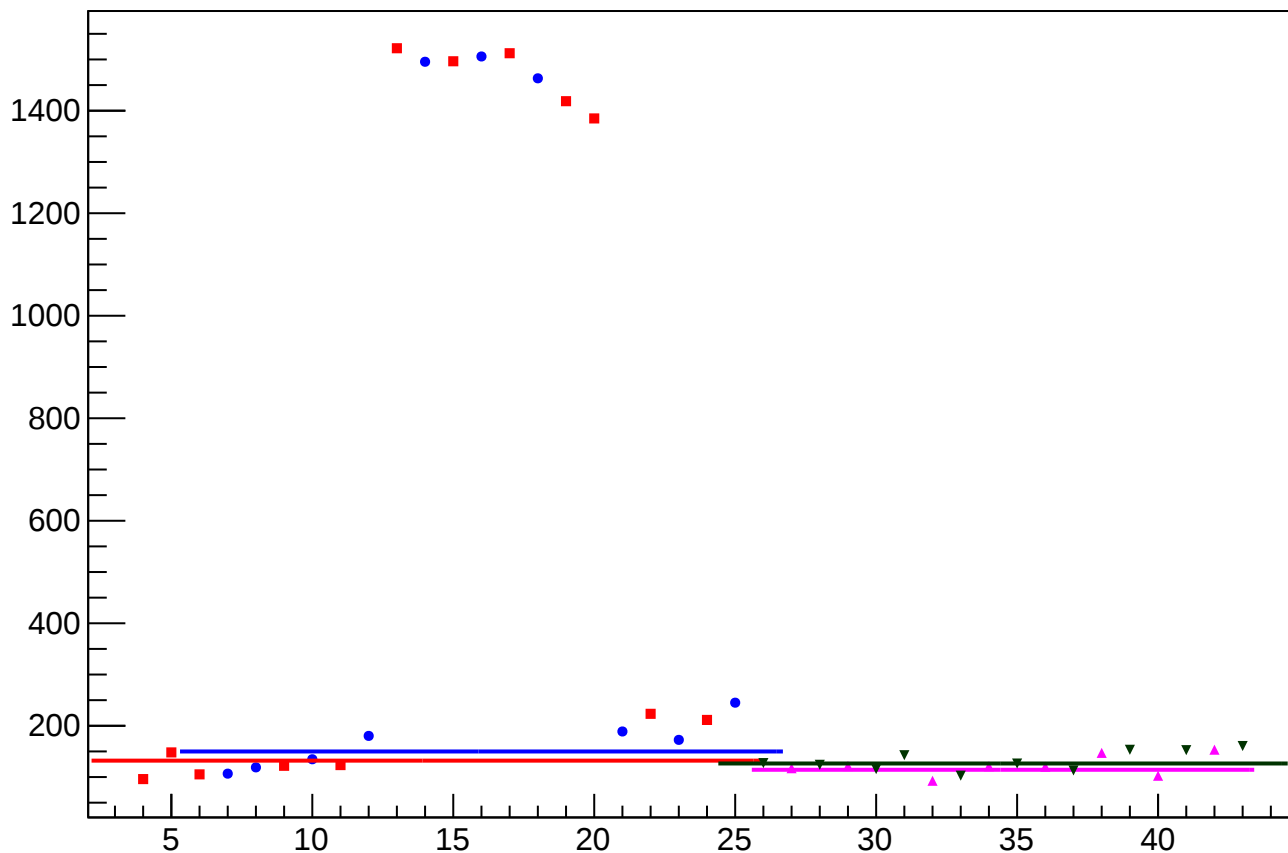
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: -6.378+/-51.597 χ^2/NDF : 0.5/7

47.244+/-44.094 χ^2/NDF : 10.1/19

22.424+/-41.040 χ^2/NDF : 2.1/19

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 149.902+/-0.051 χ^2/NDF : 4247419.3/9

Left Out: 126.462+/-0.039 χ^2/NDF : 201645.3/9

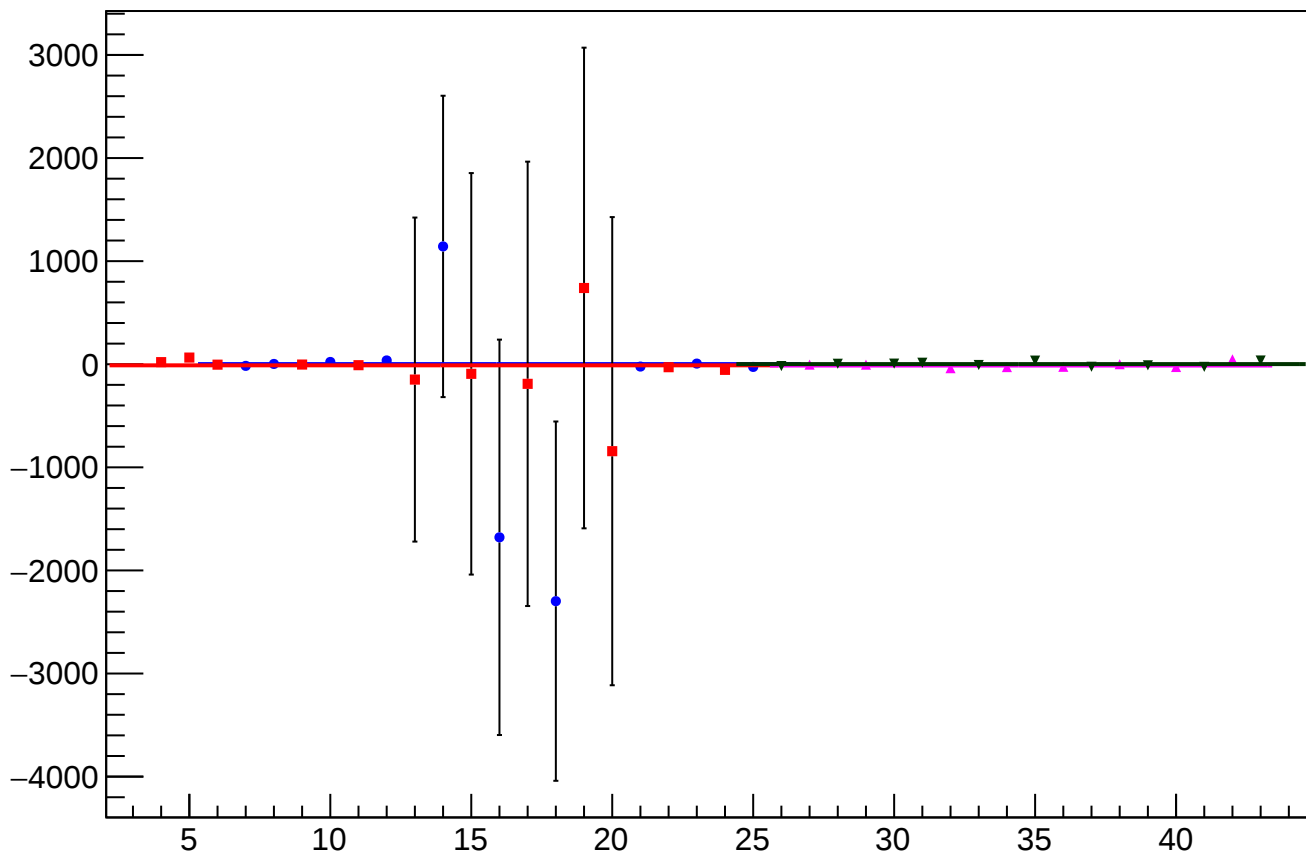
Right Out: 132.035+/-0.048 χ^2/NDF : 5119688.9/11

Left In: 114.179+/-0.036 χ^2/NDF : 237997.1/7

135.091+/-0.031 χ^2/NDF : 4580527.5/19

120.738+/-0.029 χ^2/NDF : 5445675.9/19

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: 1.404+/-7.049 χ^2/NDF : 9.5/9

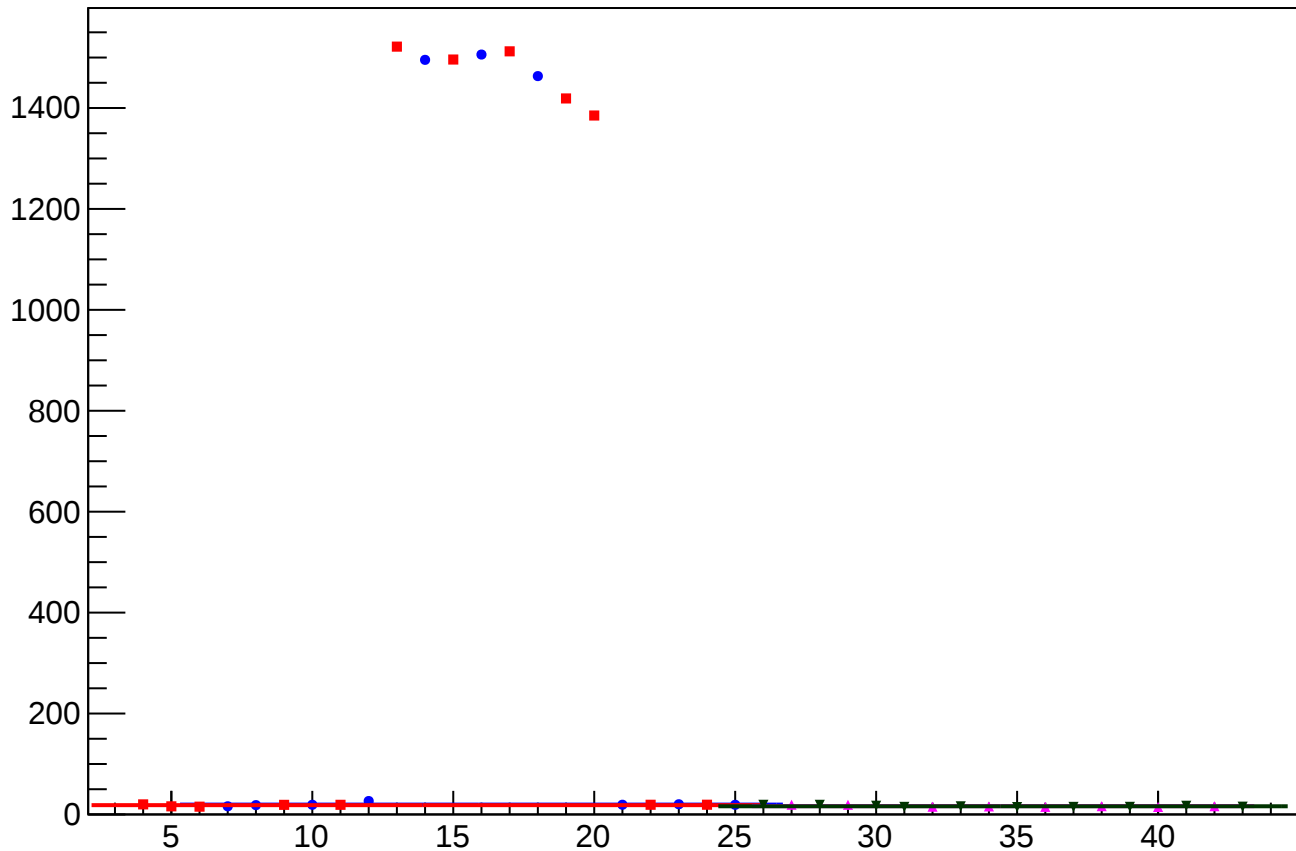
1.411+/-5.698 χ^2/NDF : 16.6/19

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

-11.885+/-5.836 χ^2/NDF : 18.9/19

Left In: -12.671+/-7.349 χ^2/NDF : 11.4/7

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: 16.220+/-0.005 χ^2/NDF : 97219.6/9

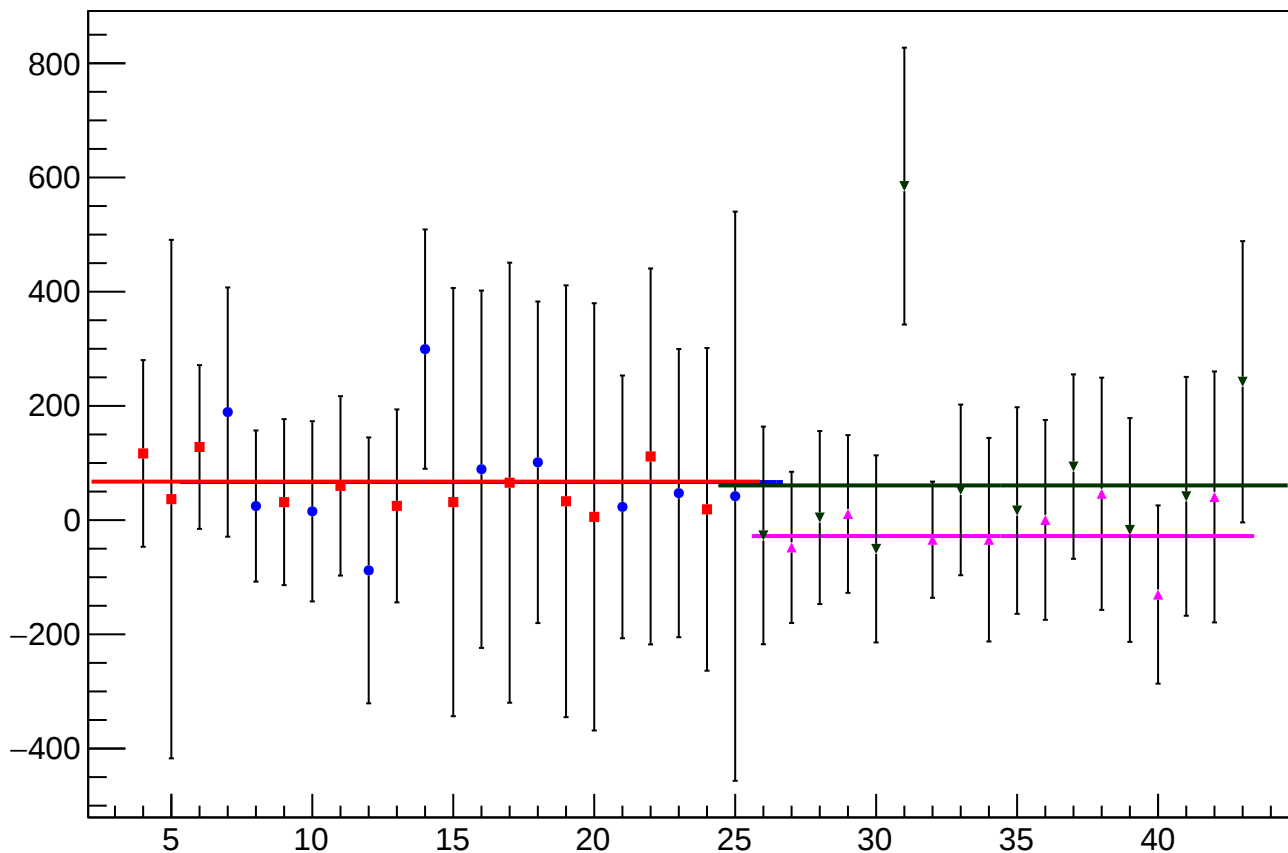
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 16.514+/-0.005 χ^2/NDF : 98139.4/7

17.366+/-0.004 χ^2/NDF : 4971858.3/19

17.226+/-0.004 χ^2/NDF : 5598010.5/19

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 66.691 $\pm$ 67.281 χ^2 /NDF: 2.3/9

Left Out: 60.773 $\pm$ 57.310 χ^2 /NDF: 6.3/9

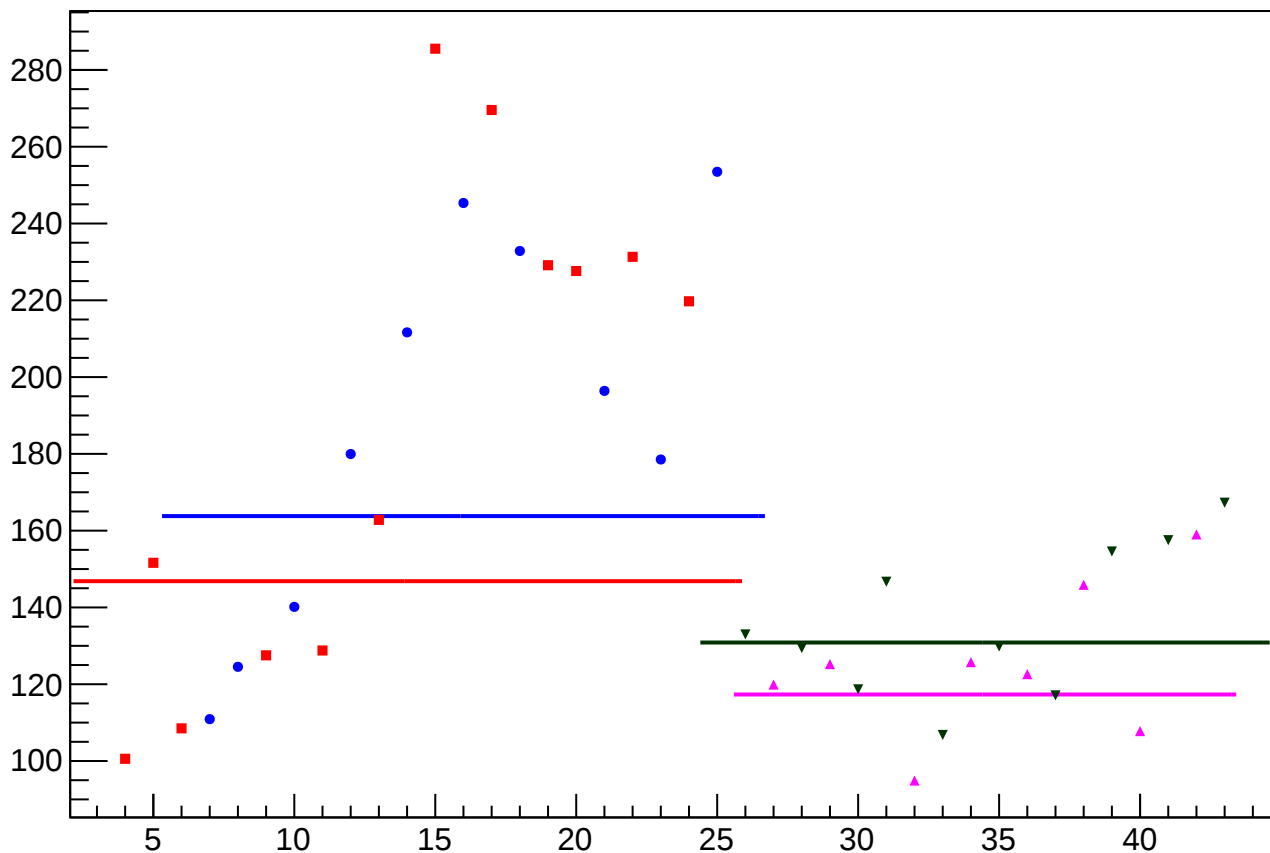
Right Out: 67.441 $\pm$ 61.599 χ^2 /NDF: 0.5/11

Left In: -27.900 $\pm$ 52.994 χ^2 /NDF: 0.8/7

63.261 $\pm$ 43.628 χ^2 /NDF: 8.6/19

12.652 $\pm$ 40.173 χ^2 /NDF: 2.7/19

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: 130.861+/-0.041 χ^2/NDF :192101.4/9

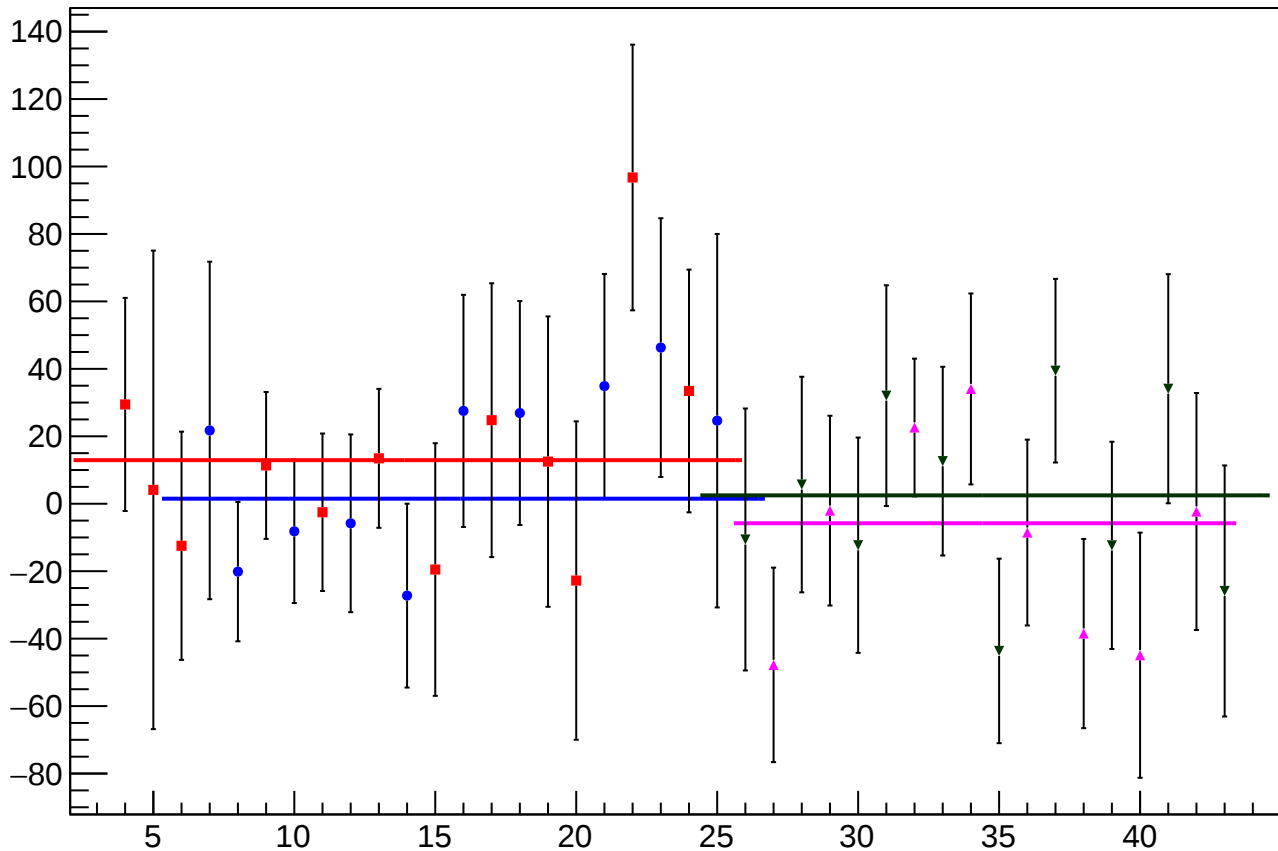
144.708+/-0.031 χ^2/NDF : 1290067.4/19

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

129.880+/-0.028 χ^2/NDF : 1805805.7/19

Left In: 117.326+/-0.037 χ^2/NDF :229585.9/7

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: 2.482 ± 9.918 χ^2/NDF : 7.7/9

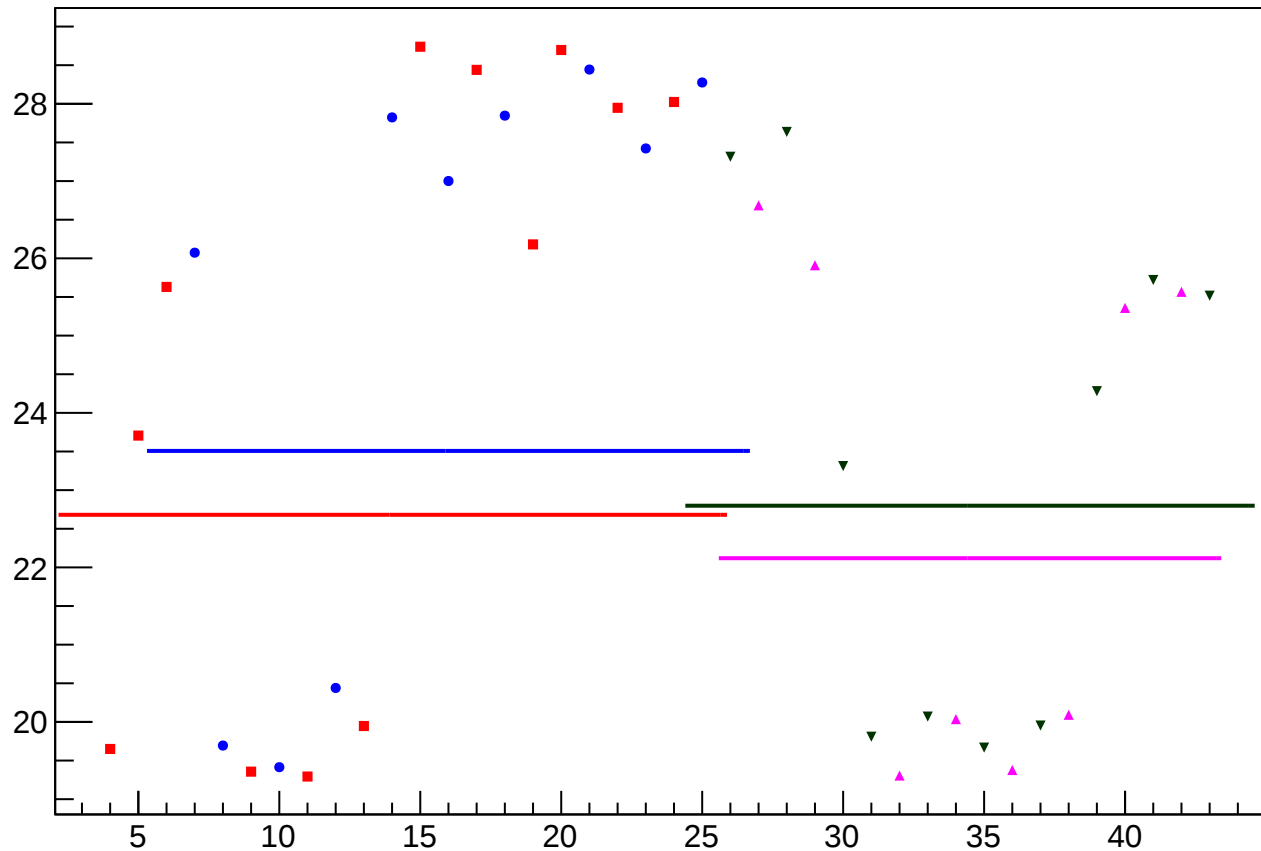
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: -5.786 ± 9.870 χ^2/NDF : 8.6/7

1.962 ± 6.810 χ^2/NDF : 14.0/19

4.334 ± 6.687 χ^2/NDF : 18.1/19

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.508 $\pm$ 0.007 χ^2 /NDF: 359166.3/9

Left Out: 22.798 $\pm$ 0.007 χ^2 /NDF:187251.4/9

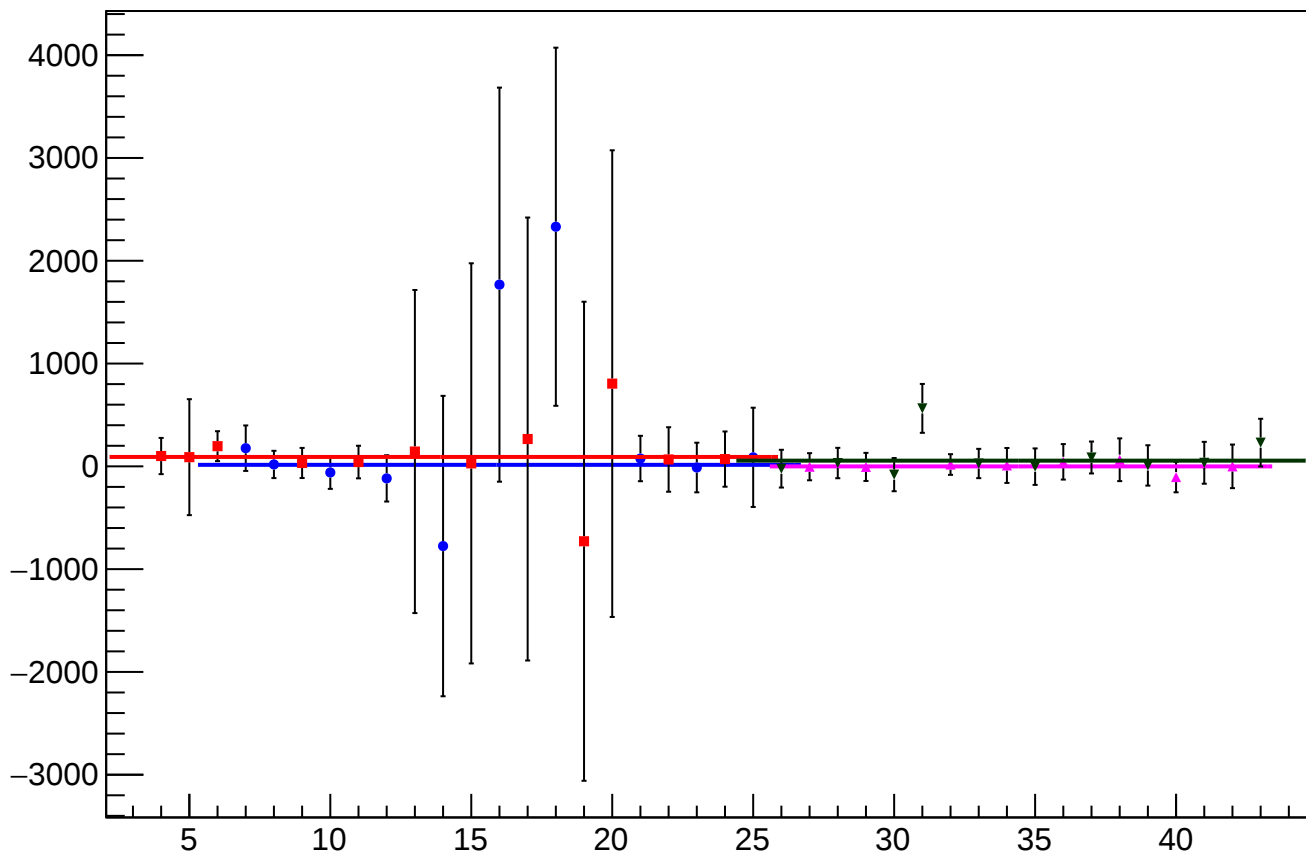
23.173 $\pm$ 0.005 χ^2 /NDF: 551823.0/19

Right Out: 22.681 $\pm$ 0.006 χ^2 /NDF: 376081.4/11

22.423 $\pm$ 0.005 χ^2 /NDF: 580243.2/19

Left In: 22.119 $\pm$ 0.007 χ^2 /NDF:200655.7/7

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 14.663 $\pm$ 74.671 χ^2 /NDF: 4.1/9

Left Out: 55.403 $\pm$ 55.677 χ^2 /NDF:6.3/9

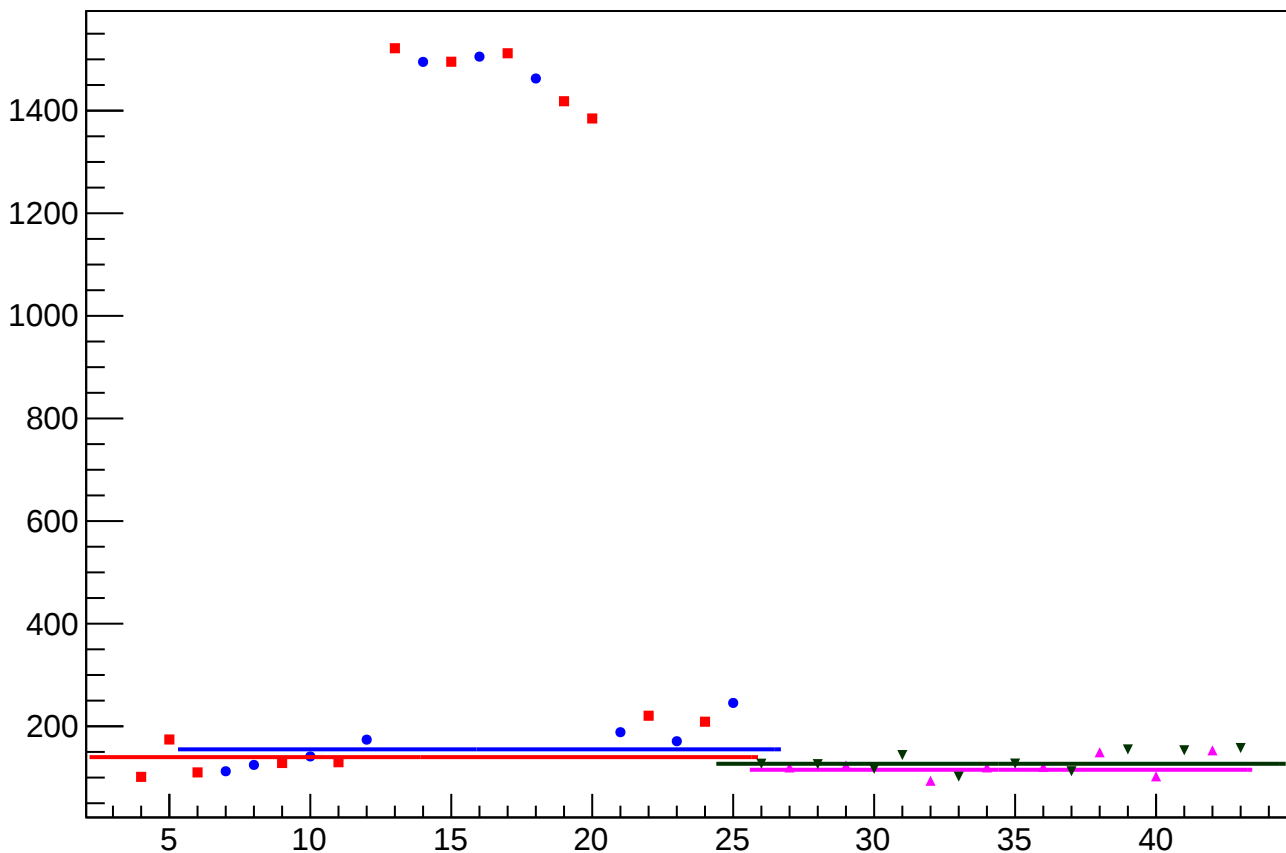
Right Out: 91.524 $\pm$ 71.755 χ^2 /NDF: 1.0/11

Left In: -0.576 $\pm$ 52.057 χ^2 /NDF:0.7/7

40.846 $\pm$ 44.635 χ^2 /NDF: 10.6/19

31.183 $\pm$ 42.136 χ^2 /NDF: 2.8/19

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: 126.898+/-0.039 χ^2/NDF : 206102.9/9

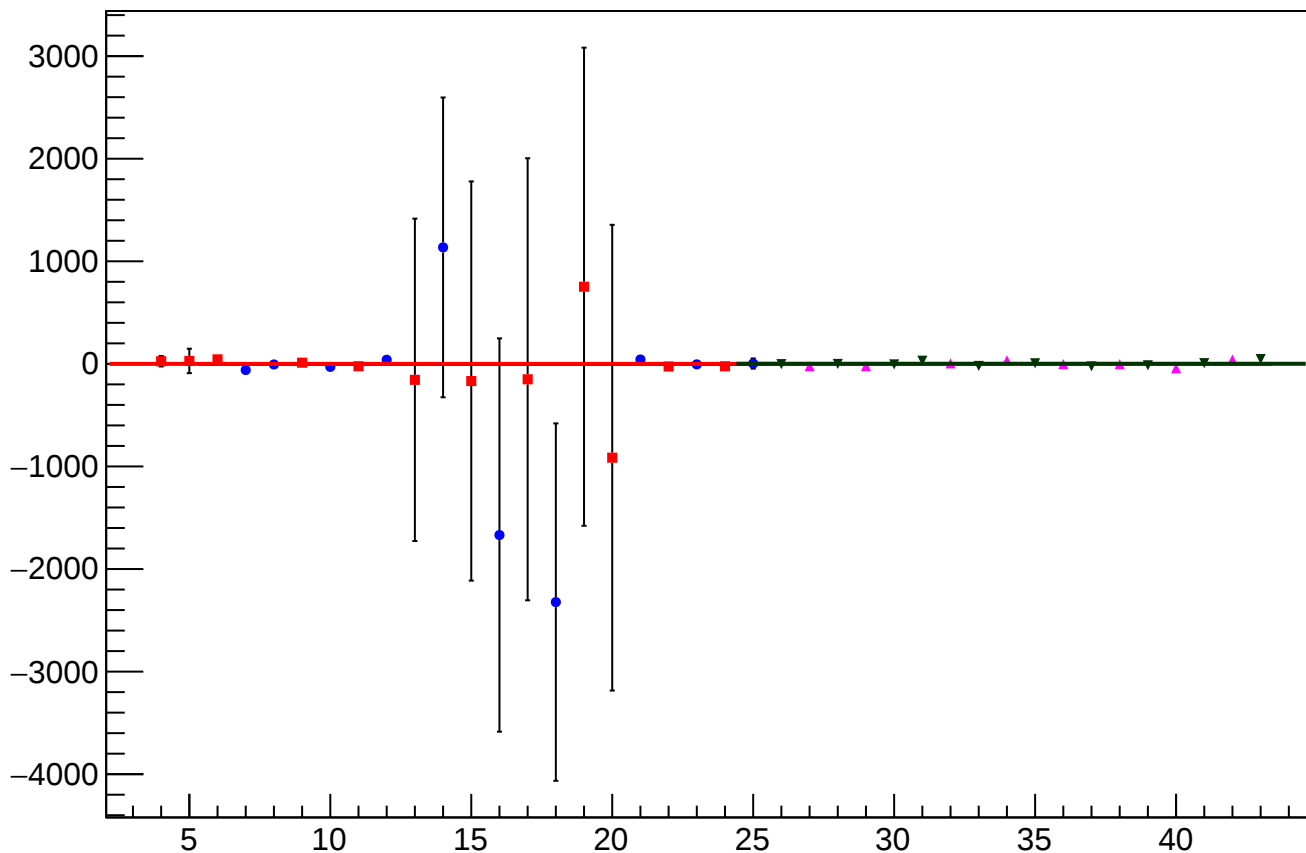
136.957+/-0.032 χ^2/NDF : 4523259.1/19

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

123.724+/-0.030 χ^2/NDF : 5393594.7/19

Left In: 115.226+/-0.037 χ^2/NDF : 237289.1/7

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: 1.170+/-9.255 χ^2/NDF : 5.3/9

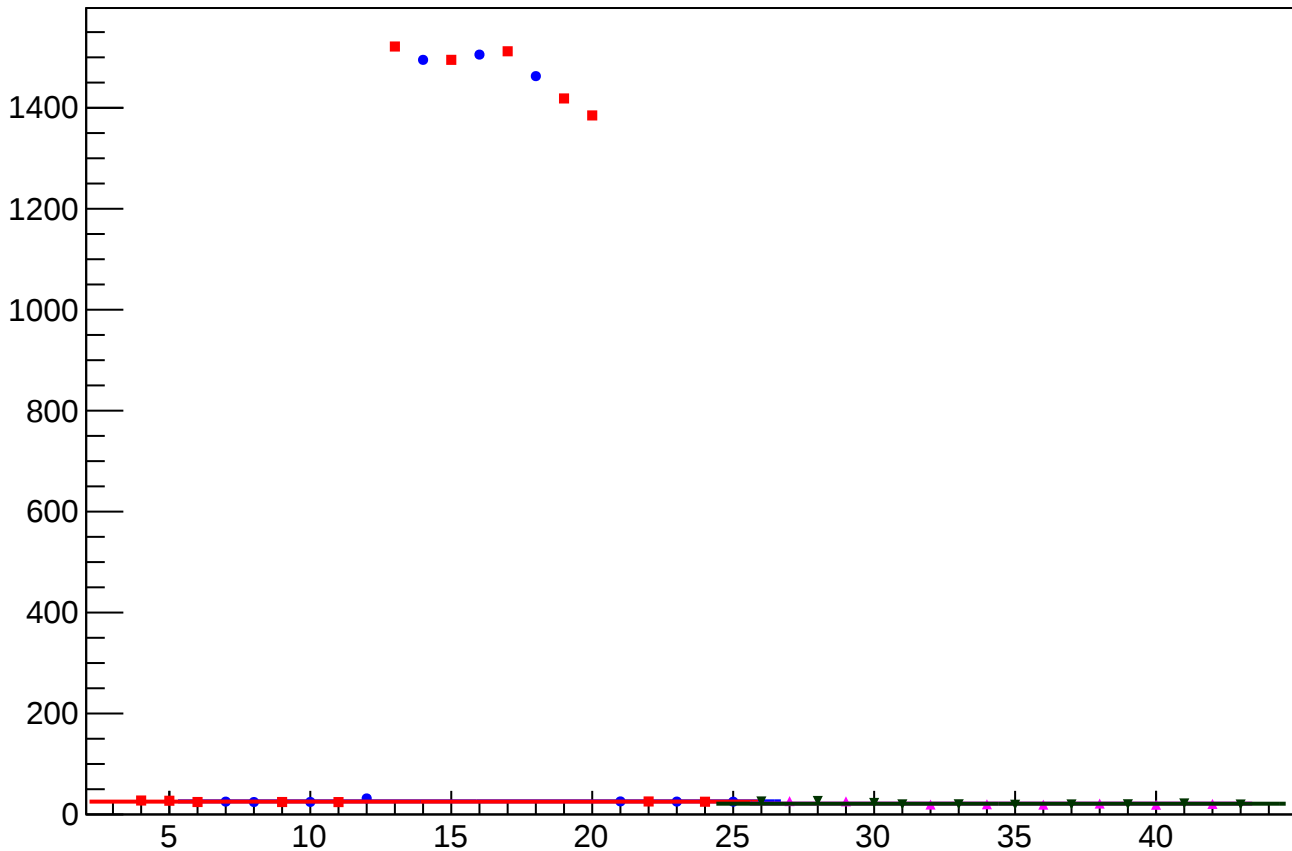
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -1.109+/-9.565 χ^2/NDF : 7.3/7

0.335+/-7.493 χ^2/NDF : 14.1/19

-0.754+/-7.788 χ^2/NDF : 11.5/19

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: 21.296+/-0.007 χ^2/NDF :129006.6/9

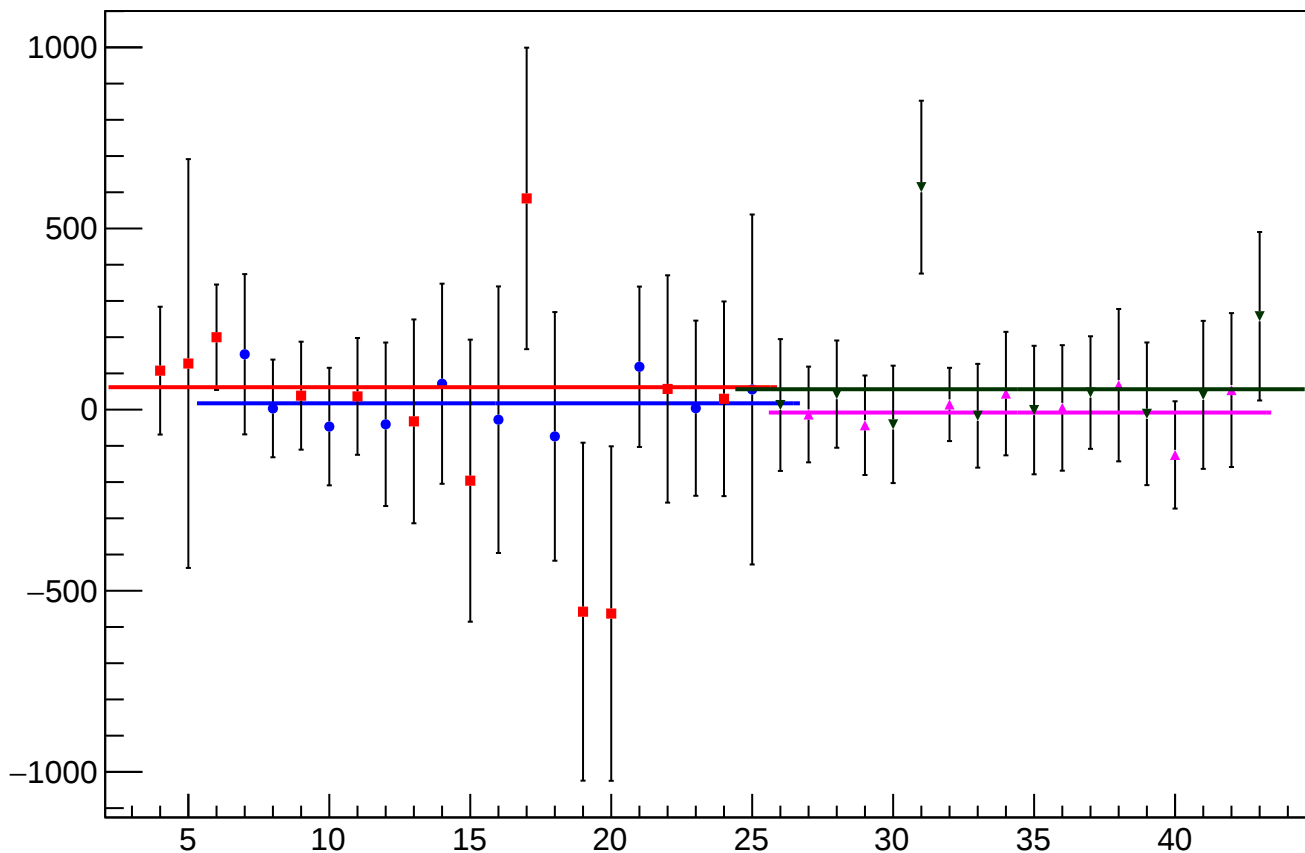
22.916+/-0.005 χ^2/NDF : 4927991.2/19

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

22.807+/-0.006 χ^2/NDF : 5615870.1/19

Left In: 21.473+/-0.007 χ^2/NDF :154169.9/7

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: 56.309+/-55.753 χ^2/NDF : 7.1/9

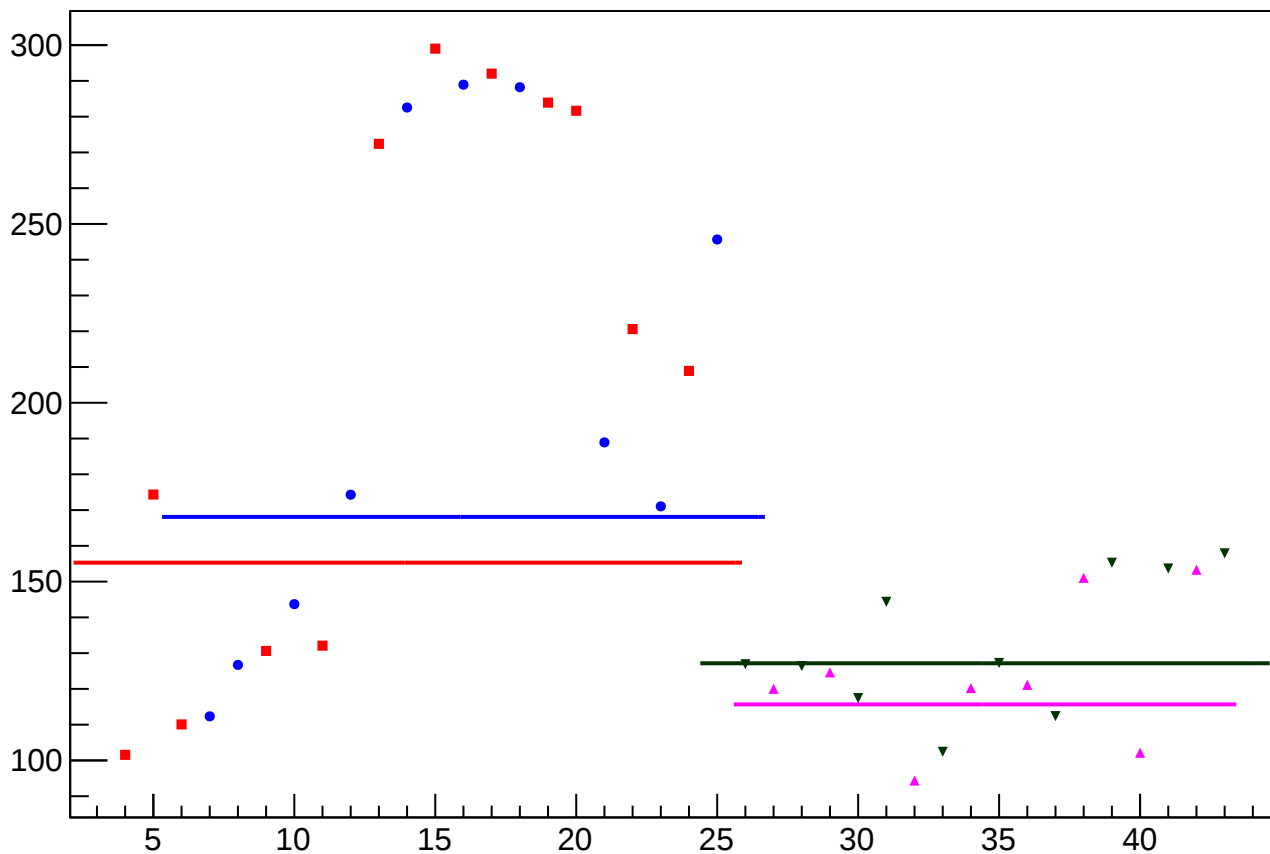
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -8.070+/-52.256 χ^2/NDF : 1.1/7

41.235+/-43.619 χ^2/NDF : 8.3/19

18.514+/-41.151 χ^2/NDF : 8.5/19

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 168.090+/-0.050 χ^2/NDF : 1236302.5/9

Left Out: 127.165+/-0.039 χ^2/NDF : 204883.4/9

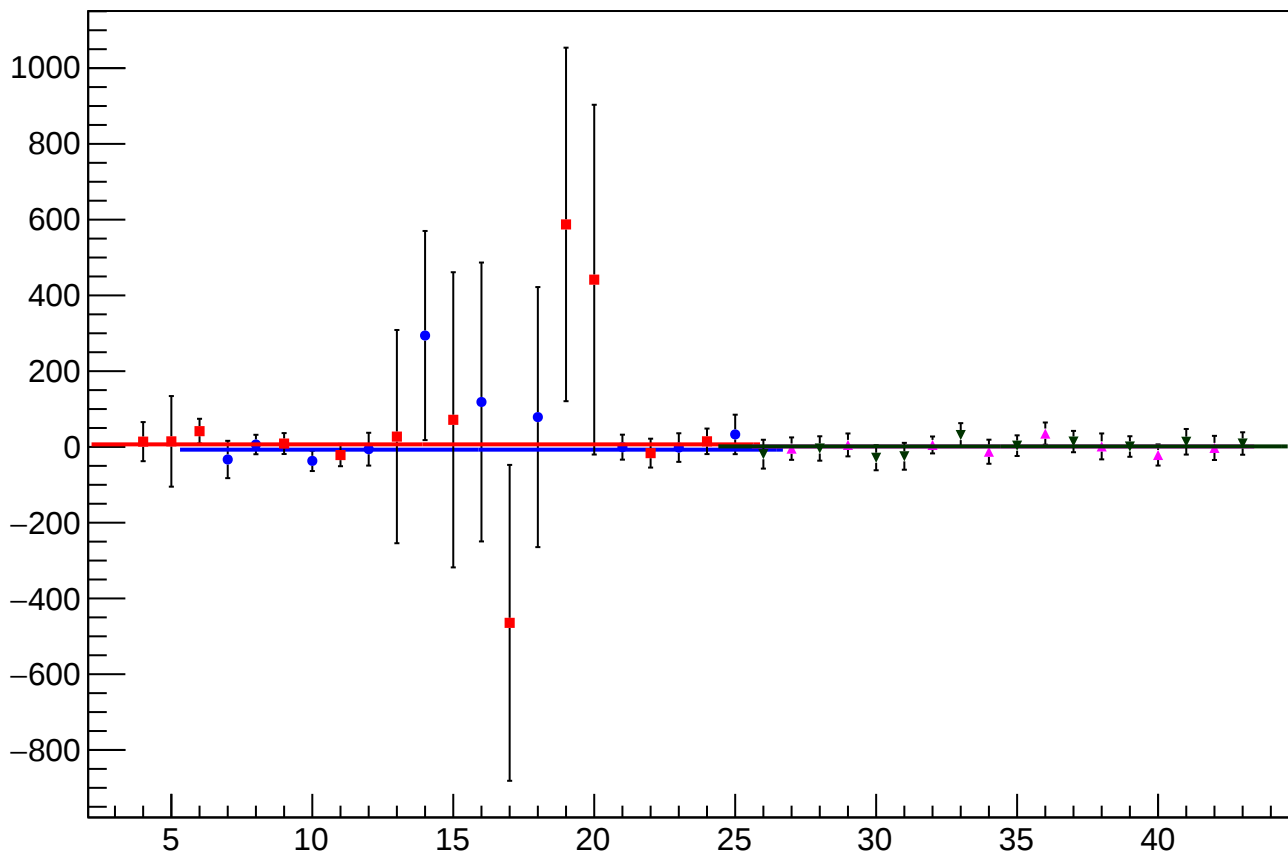
143.040+/-0.031 χ^2/NDF : 1859212.1/19

Right Out: 155.299+/-0.047 χ^2/NDF : 1780534.8/11

130.722+/-0.029 χ^2/NDF : 2456335.6/19

Left In: 115.668+/-0.037 χ^2/NDF : 238850.0/7

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: 1.423+/-9.824 χ^2/NDF : 3.0/9

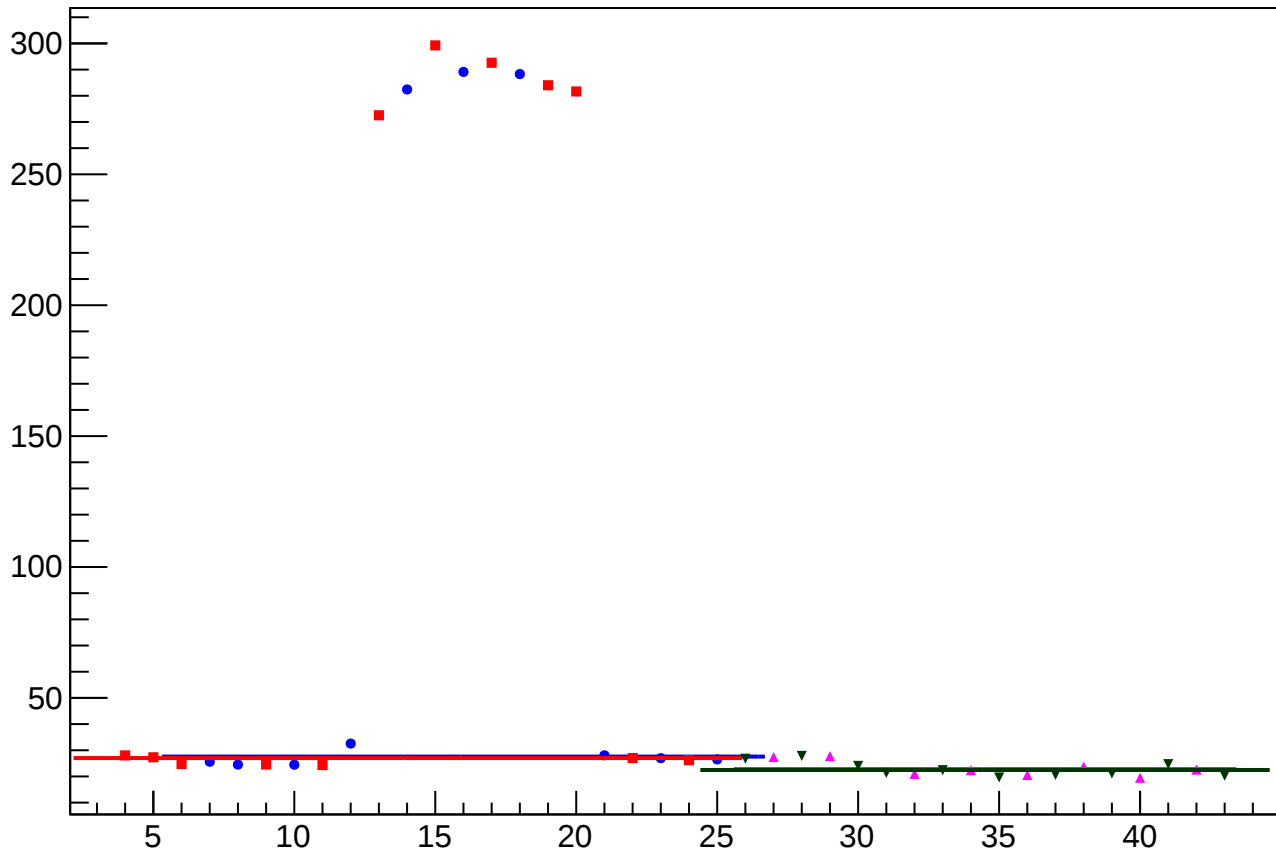
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 1.150+/-10.253 χ^2/NDF : 2.3/7

-1.710+/-7.848 χ^2/NDF : 7.1/19

3.195+/-8.175 χ^2/NDF : 8.7/19

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: 22.469+/-0.007 χ^2 /NDF:142902.0/9

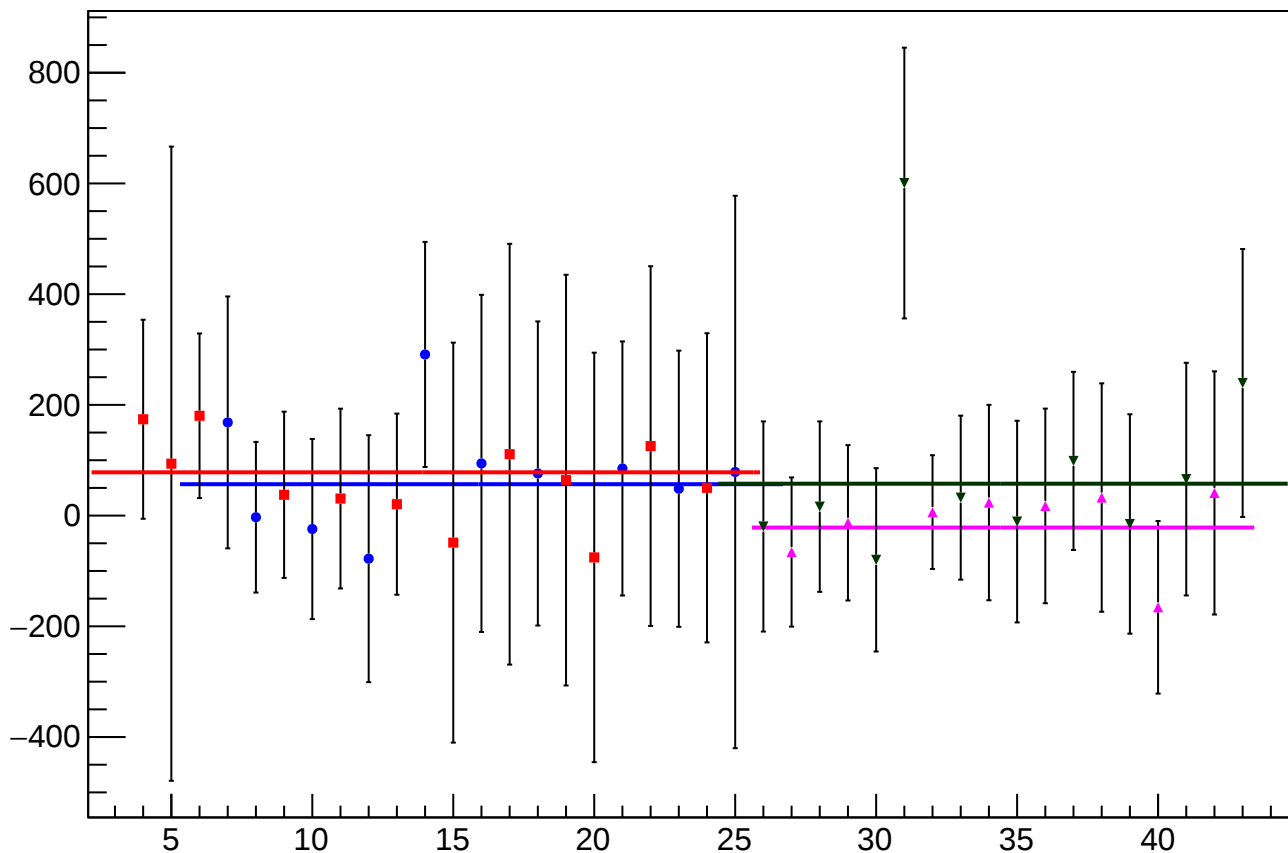
24.318+/-0.006 χ^2 /NDF: 4292731.4/19

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

24.369+/-0.006 χ^2 /NDF: 4847217.4/19

Left In: 22.849+/-0.007 χ^2 /NDF:157536.6/7

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 56.719 $\pm$ 67.654 χ^2 /NDF: 2.4/9

Left Out: 57.595 $\pm$ 57.484 χ^2 /NDF: 6.8/9

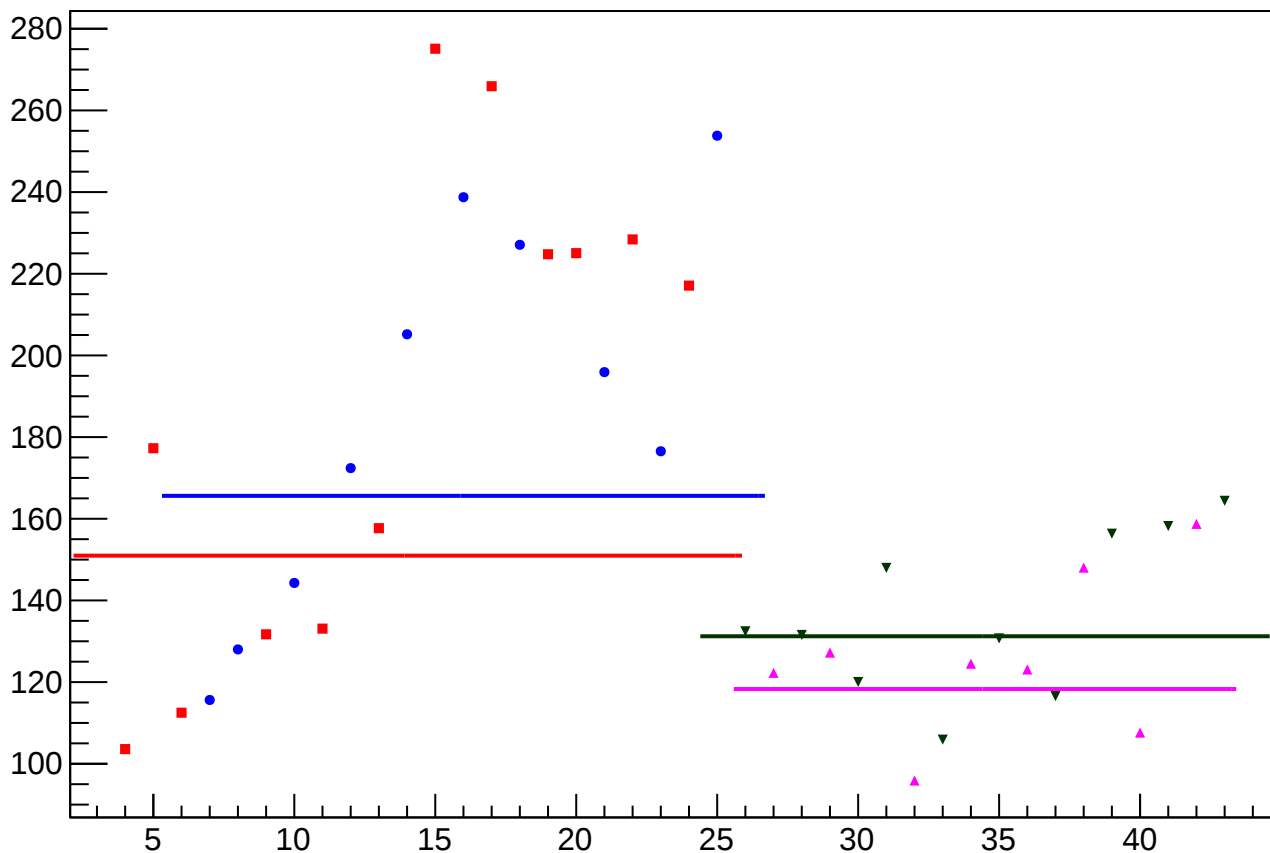
Right Out: 78.185 $\pm$ 63.204 χ^2 /NDF: 1.4/11

Left In: -21.600 $\pm$ 53.421 χ^2 /NDF: 1.3/7

57.227 $\pm$ 43.806 χ^2 /NDF: 9.2/19

19.980 $\pm$ 40.800 χ^2 /NDF: 4.1/19

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: 131.227 $\pm$ 0.041 χ^2 /NDF:196358.6/9

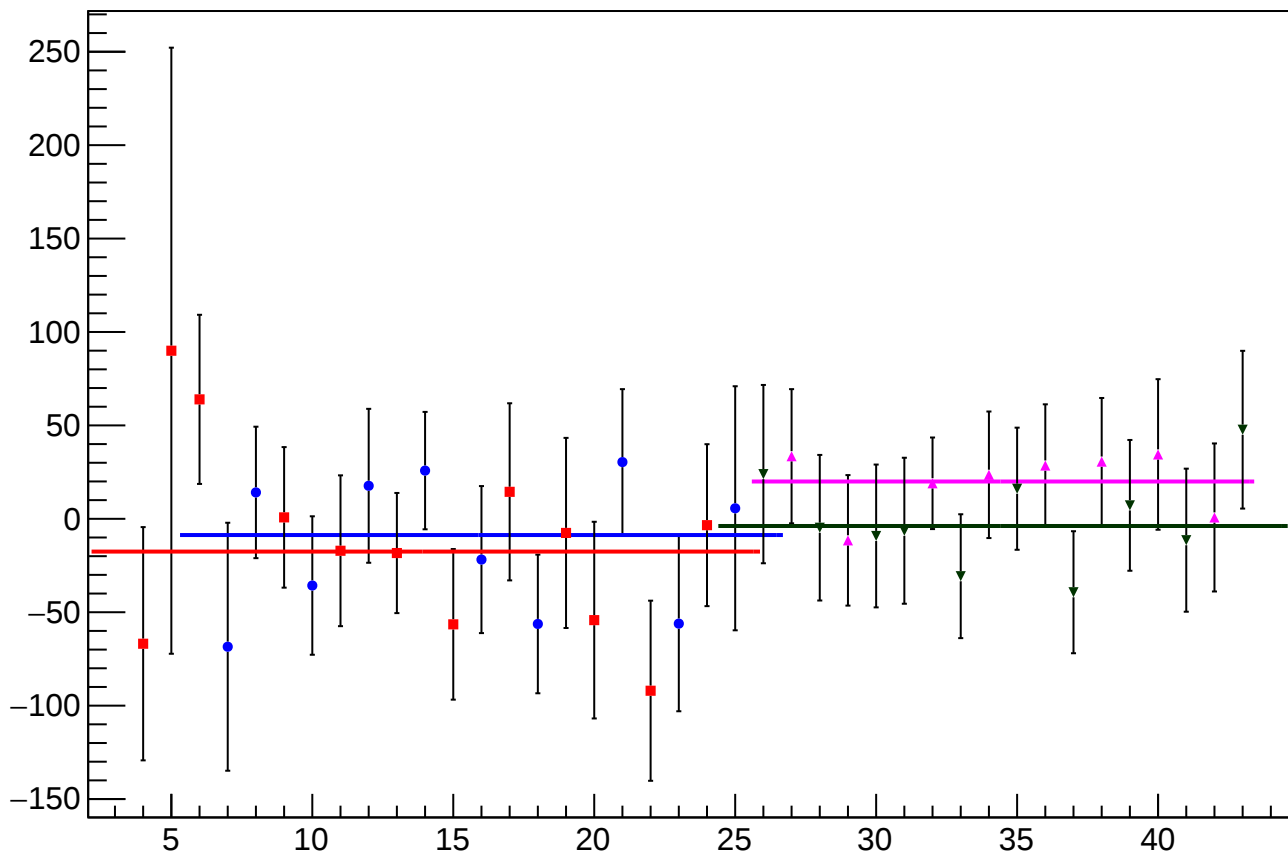
145.644 $\pm$ 0.031 χ^2 /NDF: 1174437.1/19

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

131.919 $\pm$ 0.029 χ^2 /NDF: 1680872.7/19

Left In: 118.311 $\pm$ 0.038 χ^2 /NDF:227563.5/7

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: -3.842 ± 11.719 χ^2/NDF : 4.2/9

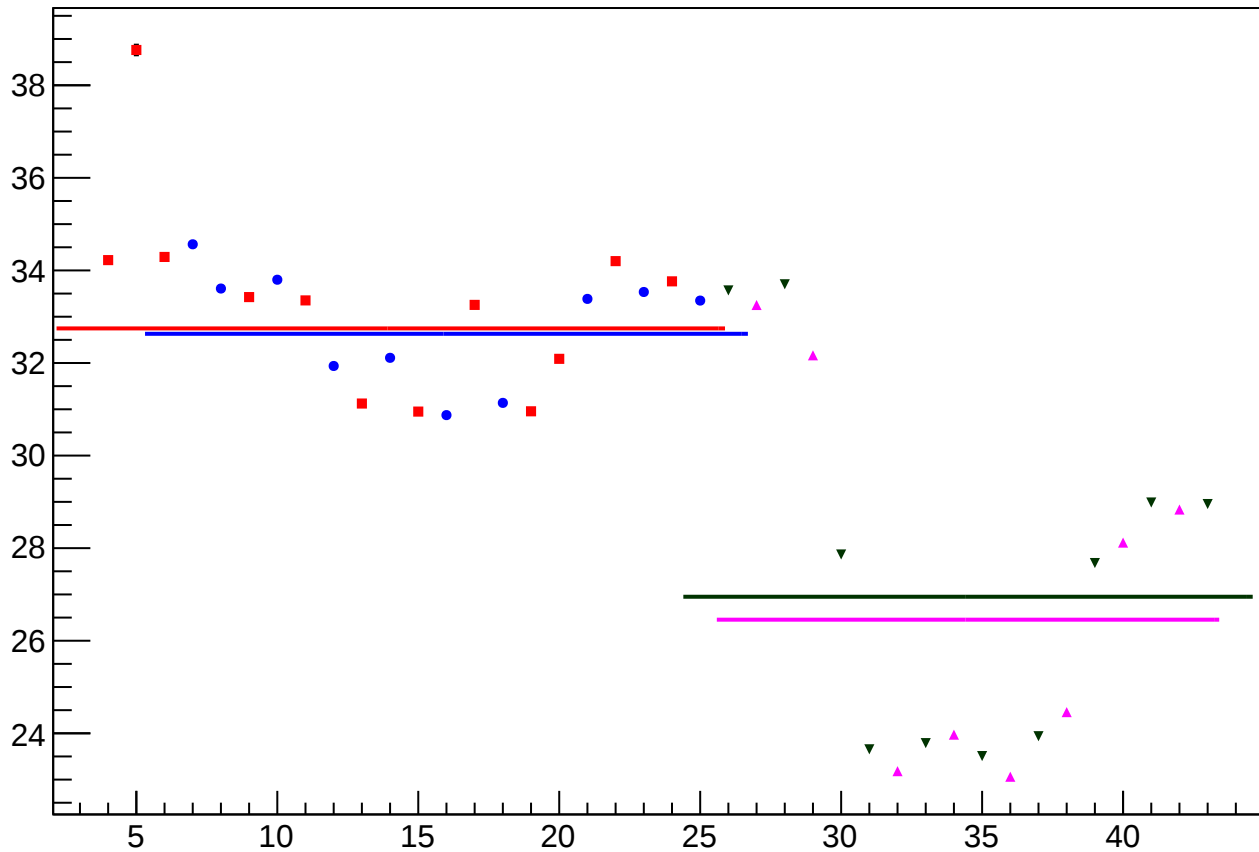
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: 19.971 ± 11.803 χ^2/NDF : 1.5/7

-6.045 ± 8.650 χ^2/NDF : 11.5/19

3.143 ± 8.764 χ^2/NDF : 15.0/19

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 32.631+/-0.009 χ^2/NDF : 15297.1/9

Left Out: 26.950+/-0.008 χ^2/NDF :182300.2/9

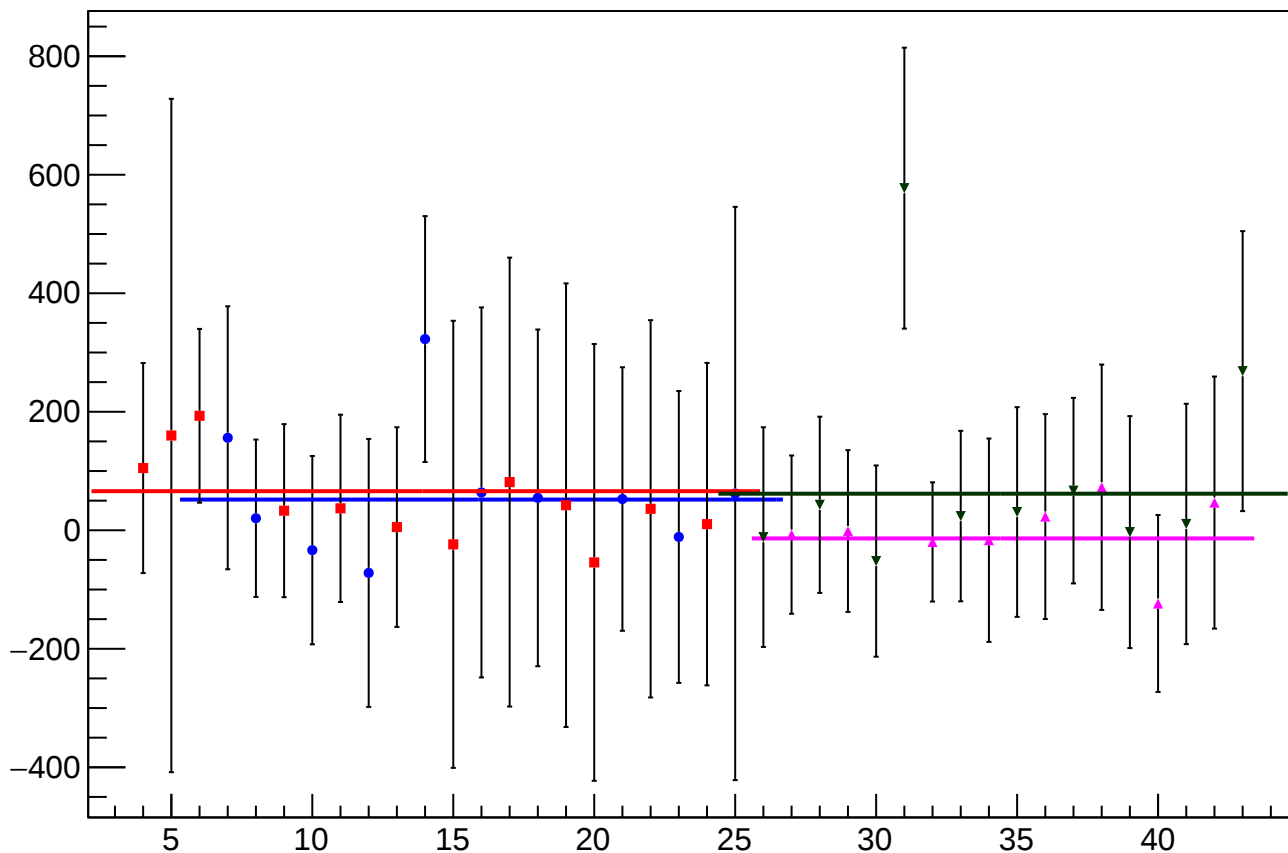
Right Out: 32.747+/-0.009 χ^2/NDF : 22297.5/11

Left In: 26.455+/-0.008 χ^2/NDF :210519.3/7

29.536+/-0.006 χ^2/NDF : 411489.0/19

29.278+/-0.006 χ^2/NDF : 487825.9/19

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: 61.733 $\pm$ 55.913 χ^2 /NDF: 6.4/9

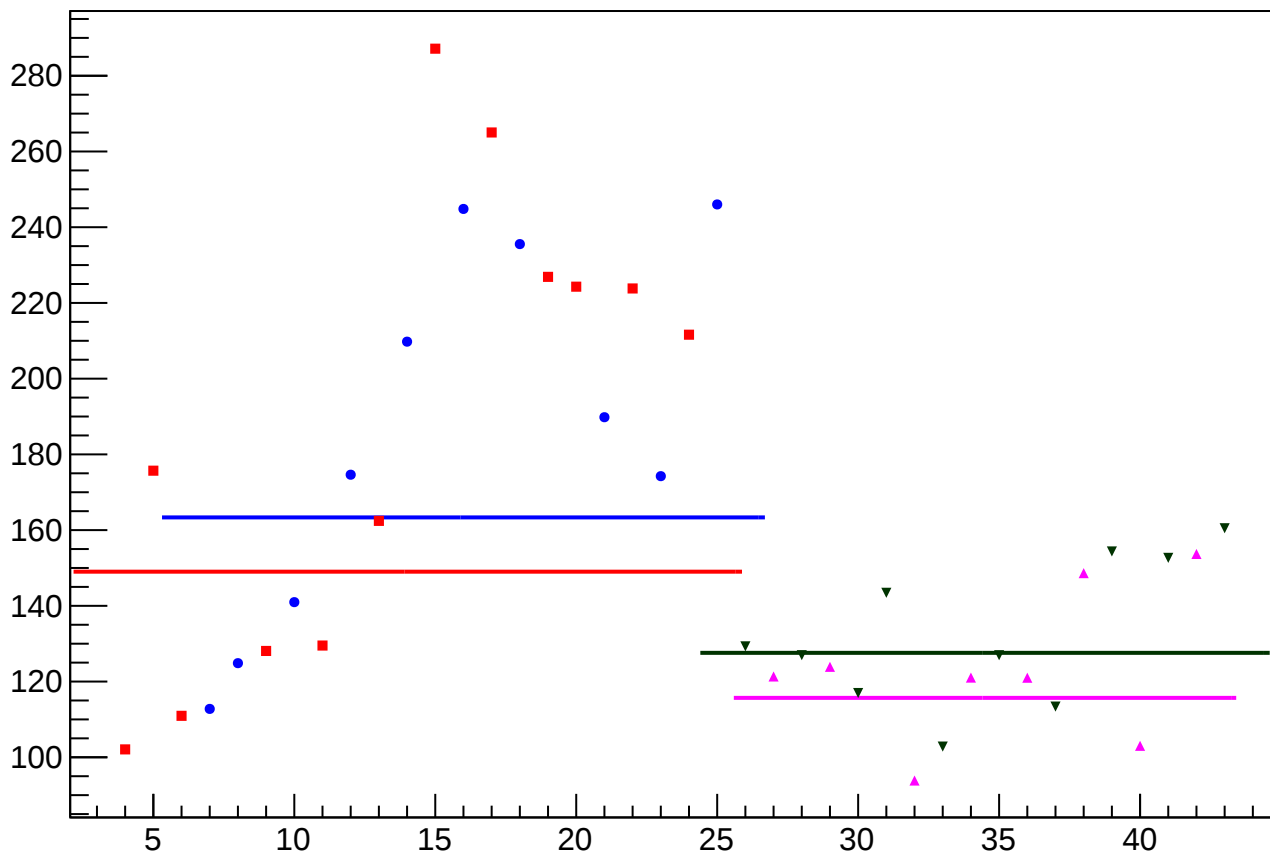
Right Out: 65.954 $\pm$ 62.568 χ^2 /NDF: 1.3/11

Left In: -13.754 $\pm$ 52.256 χ^2 /NDF: 0.9/7

57.667 $\pm$ 42.919 χ^2 /NDF: 9.1/19

18.998 $\pm$ 40.108 χ^2 /NDF: 3.1/19

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: 127.584+/-0.040 χ^2/NDF :200343.9/9

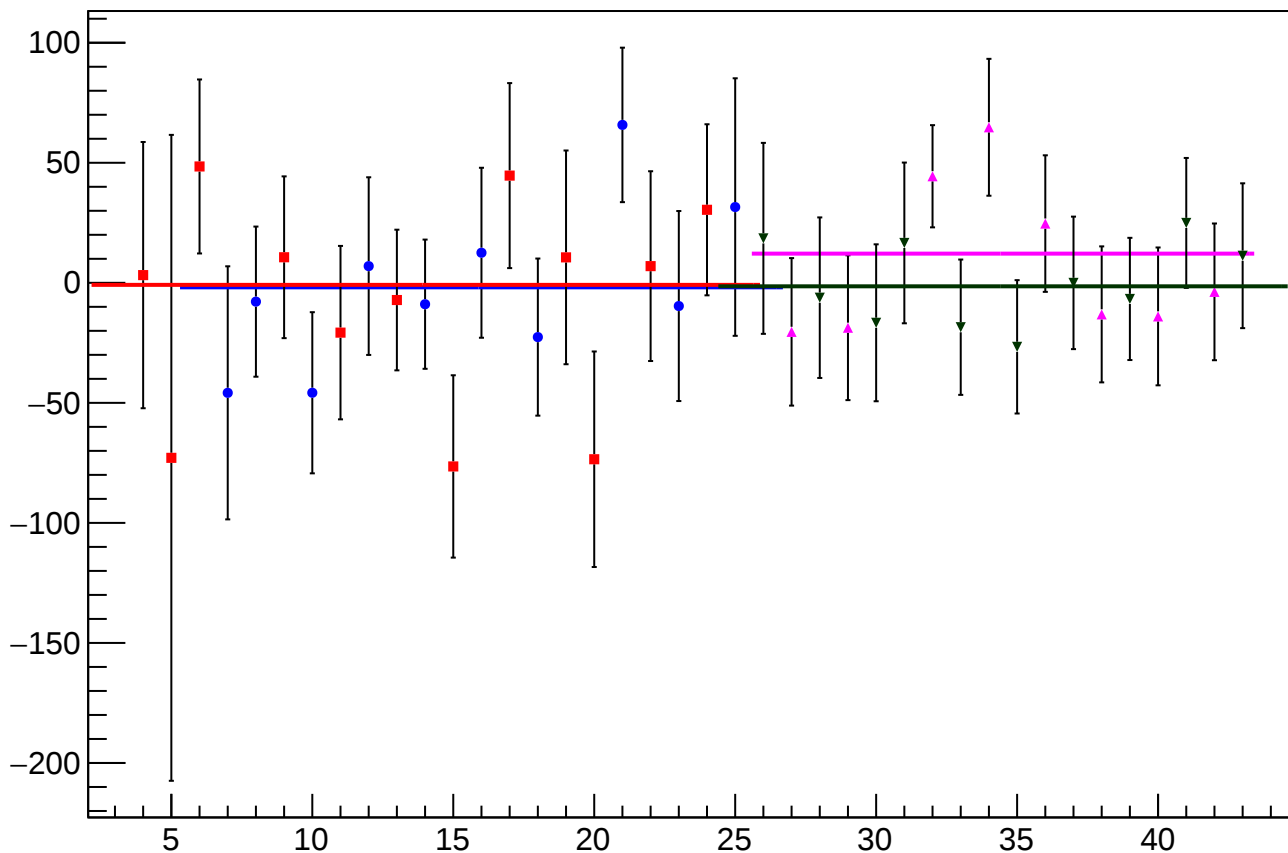
142.279+/-0.030 χ^2/NDF : 1309218.8/19

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

129.388+/-0.028 χ^2/NDF : 1777705.8/19

Left In: 115.692+/-0.037 χ^2/NDF :237752.6/7

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: -1.457 ± 9.435 χ^2/NDF : 3.1/9

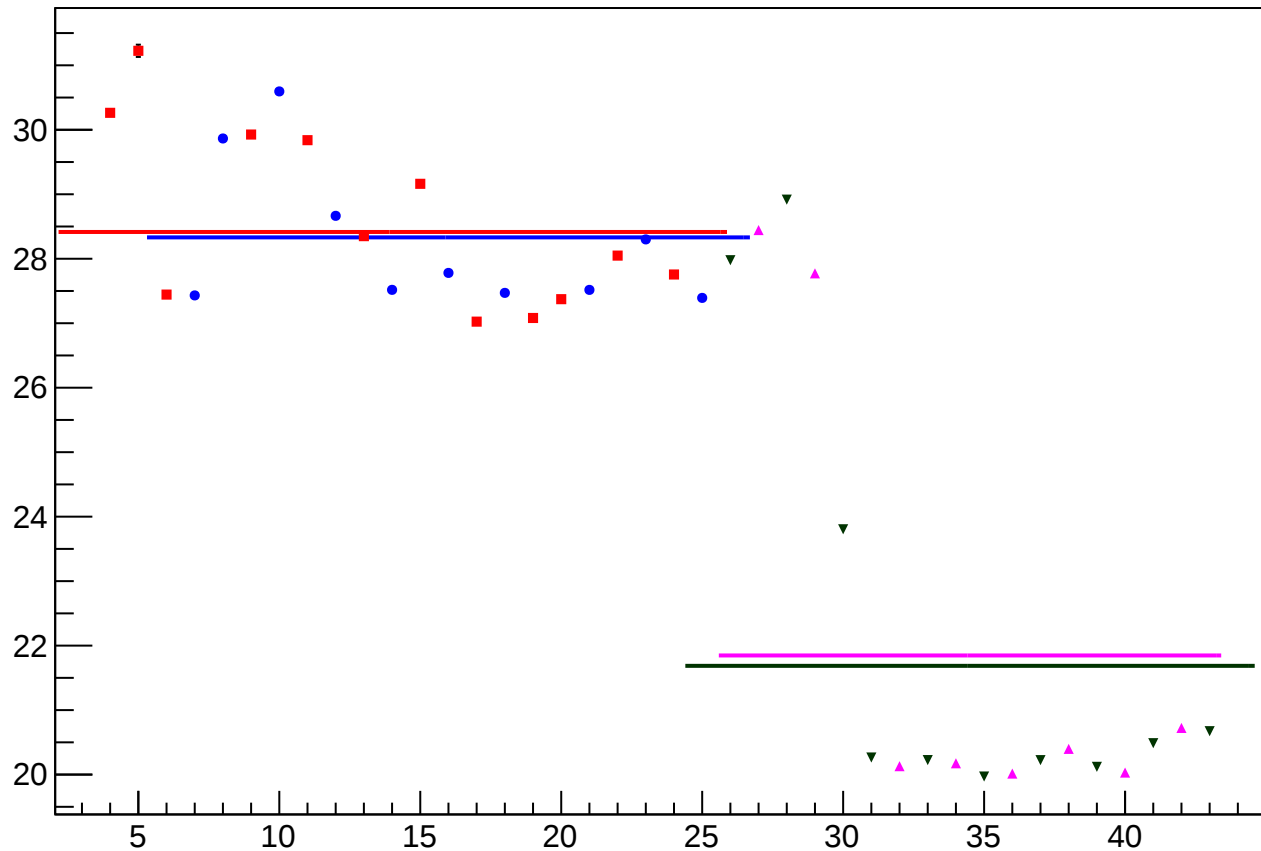
Right Out: -0.853 ± 11.359 χ^2/NDF : 11.5/11

Left In: 12.158 ± 9.747 χ^2/NDF : 10.0/7

-1.634 ± 7.199 χ^2/NDF : 11.1/19

6.640 ± 7.397 χ^2/NDF : 22.2/19

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 28.331+/-0.008 χ^2/NDF : 20249.2/9

Left Out: 21.686+/-0.007 χ^2/NDF : 187956.4/9

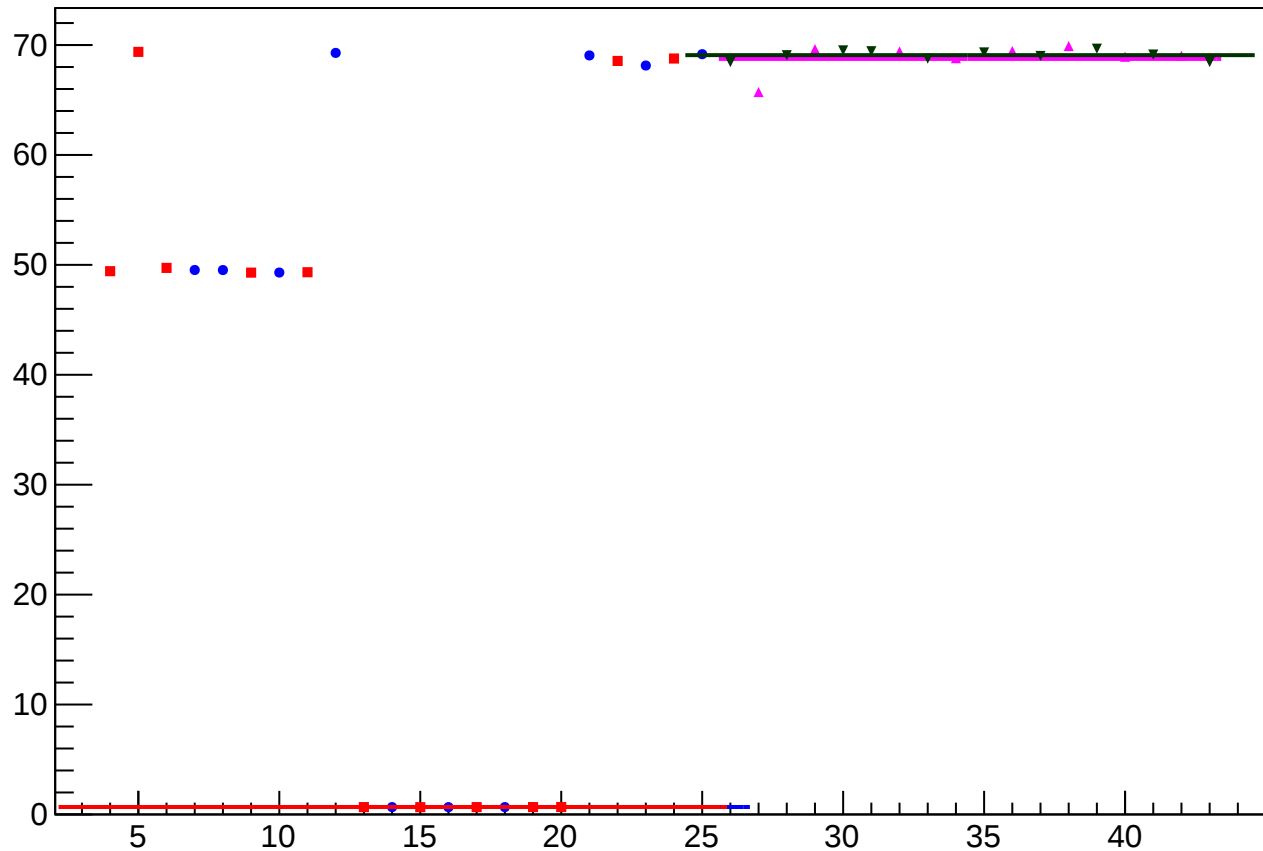
Right Out: 28.415+/-0.008 χ^2/NDF : 18780.8/11

Left In: 21.847+/-0.007 χ^2/NDF : 214019.0/7

24.464+/-0.005 χ^2/NDF : 622780.7/19

24.633+/-0.005 χ^2/NDF : 617899.6/19

yield_bcm_an_ds_mean vs slug



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

0.691+/-0.000 χ^2/NDF : 1222969717667.3/19

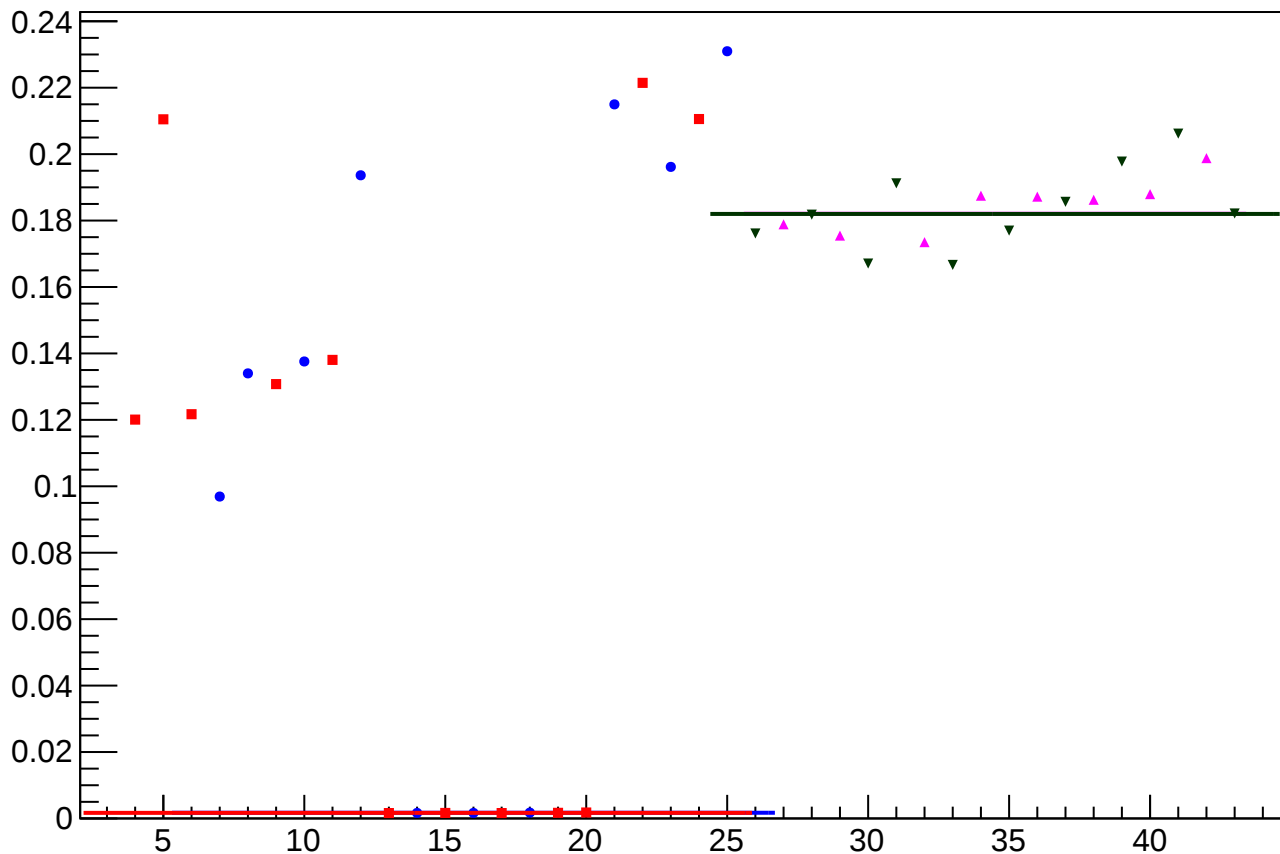
Left Out: 69.081+/-0.000 χ^2/NDF : 24626539.5/9

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

0.688+/-0.000 χ^2/NDF : 1124714674893.4/19

Left In: 68.736+/-0.000 χ^2/NDF : 294524900.7/7

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 :43515.3/9

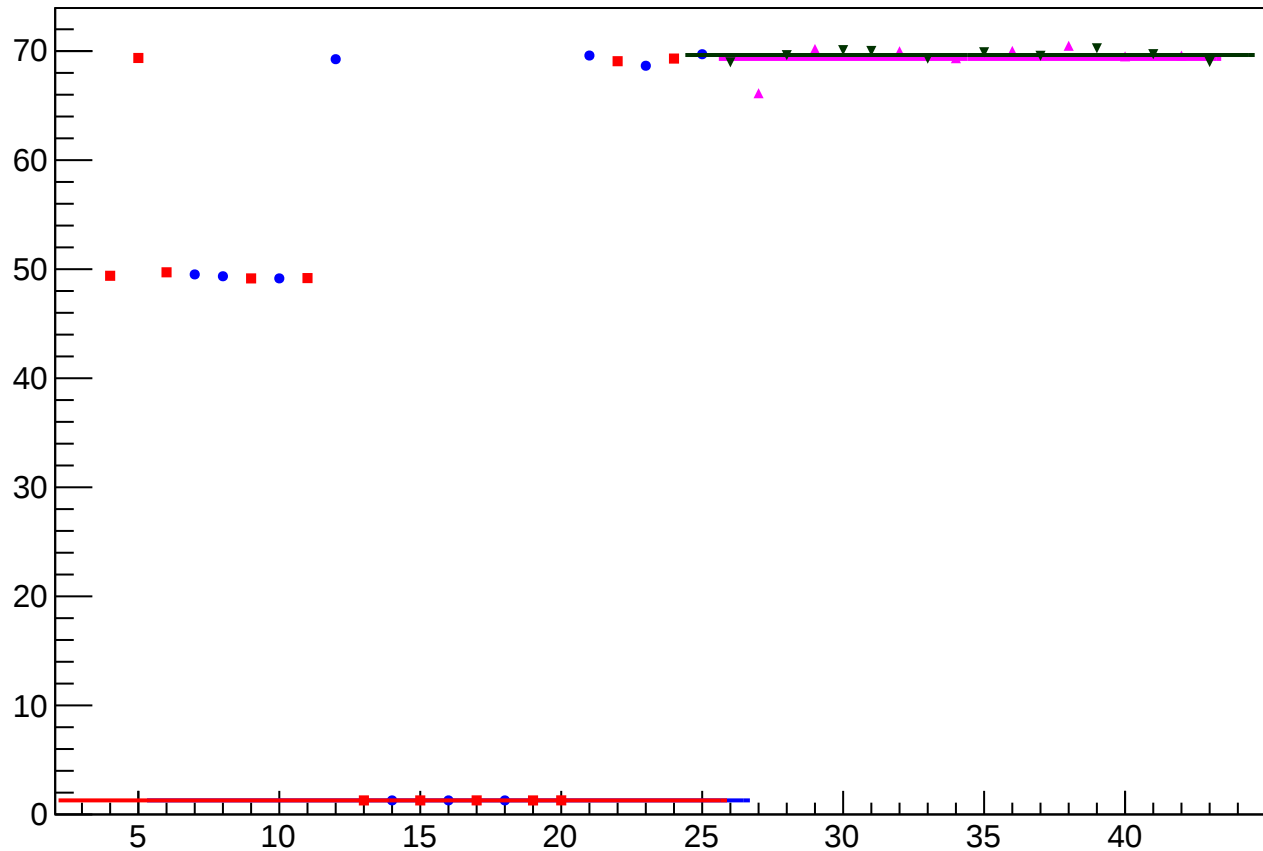
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.182+/-0.000 χ^2/NDF :17042.0/7

0.002+/-0.000 χ^2/NDF : 17802849.5/19

0.002+/-0.000 χ^2/NDF : 16309564.5/19

yield_bcm_an_ds3_mean vs slug



Right In: 1.290+/-0.000 χ^2/NDF : 493068682652.8/9

Left Out: 69.640+/-0.000 χ^2/NDF : 25576787.7/9

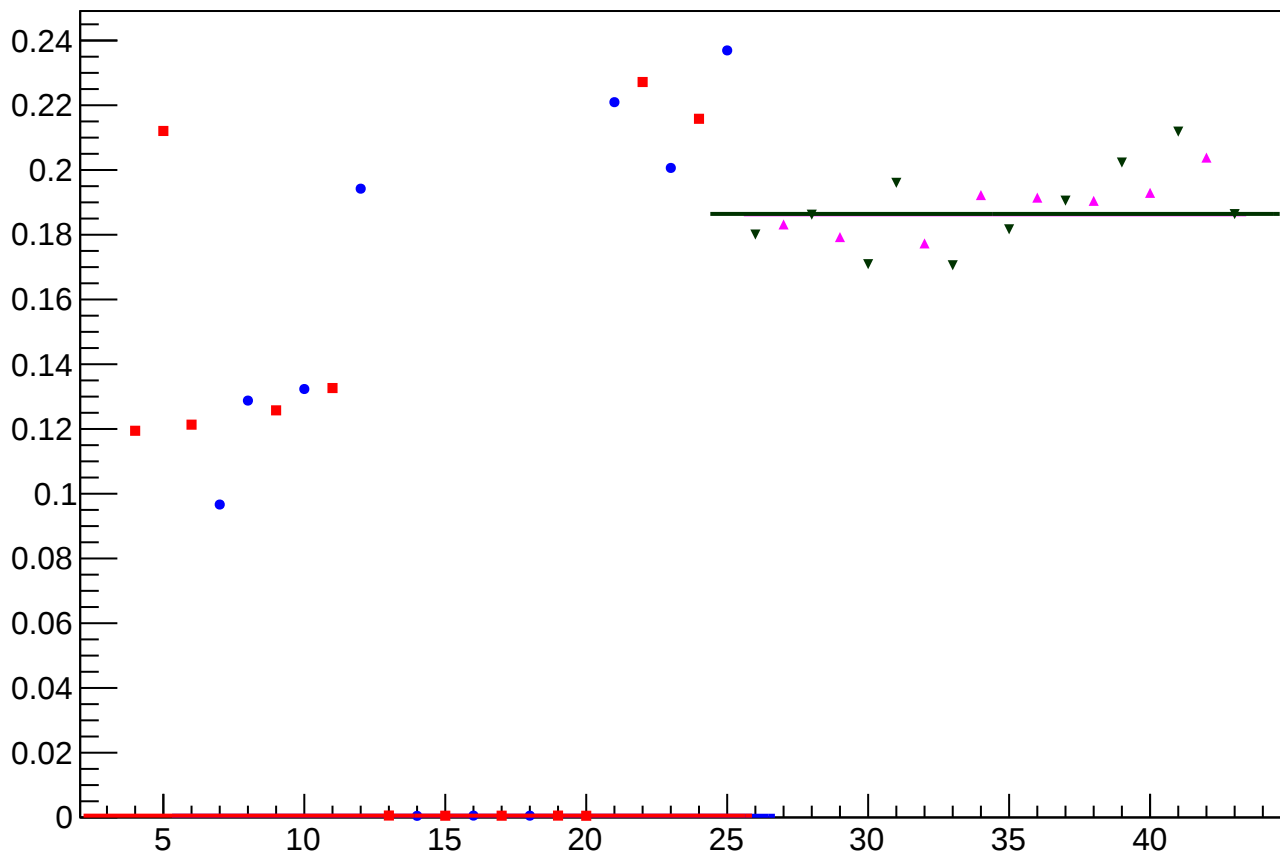
1.291+/-0.000 χ^2/NDF : 1186642506281.0/19

Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

1.291+/-0.000 χ^2/NDF : 1092645902198.1/19

Left In: 69.279+/-0.000 χ^2/NDF : 304549862.7/7

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 :44561.5/9

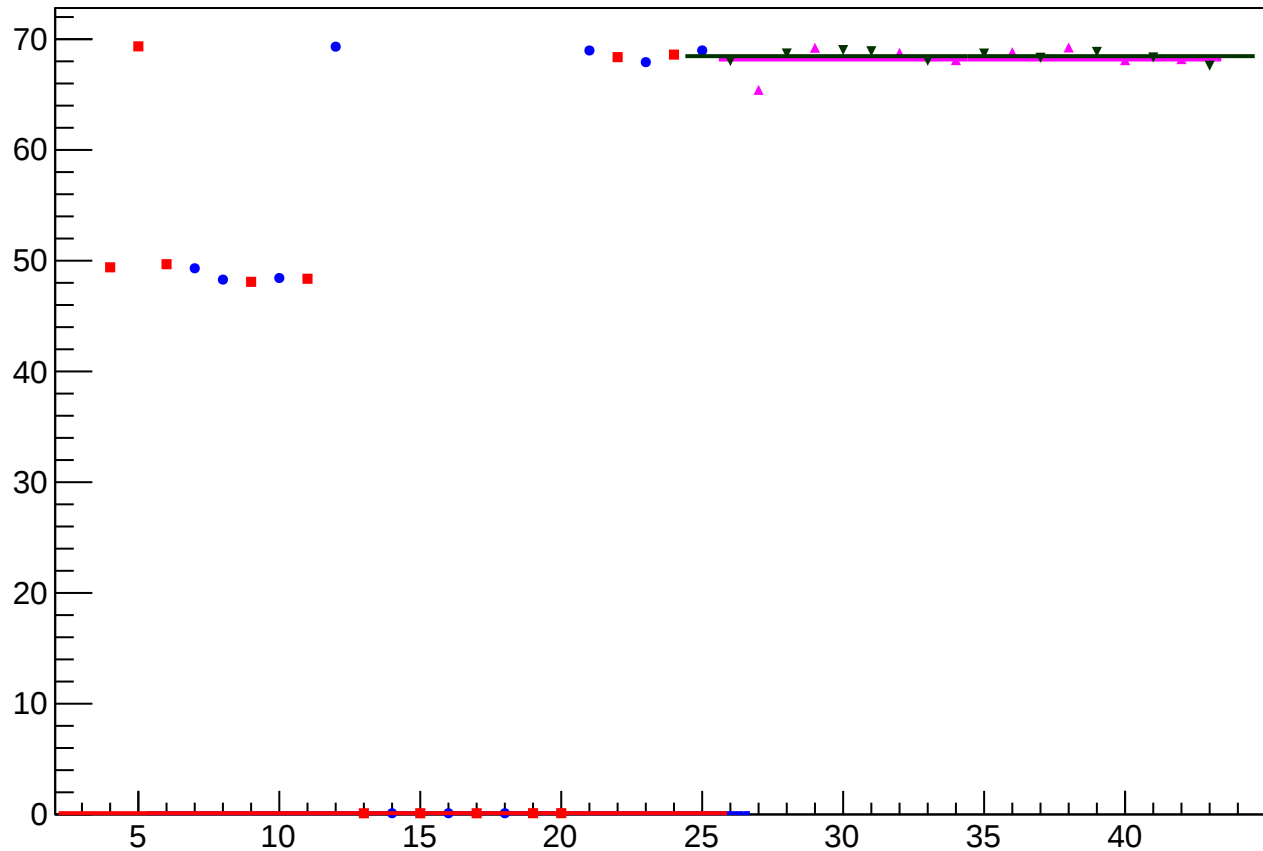
Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

Left In: 0.186+/-0.000 χ^2/NDF :17985.9/7

0.001+/-0.000 χ^2/NDF : 18068748.3/19

0.001+/-0.000 χ^2/NDF : 16536182.1/19

yield_bcm_an_us_mean vs slug



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

Left Out: 68.467+/-0.000 χ^2/NDF : 29247560.9/9

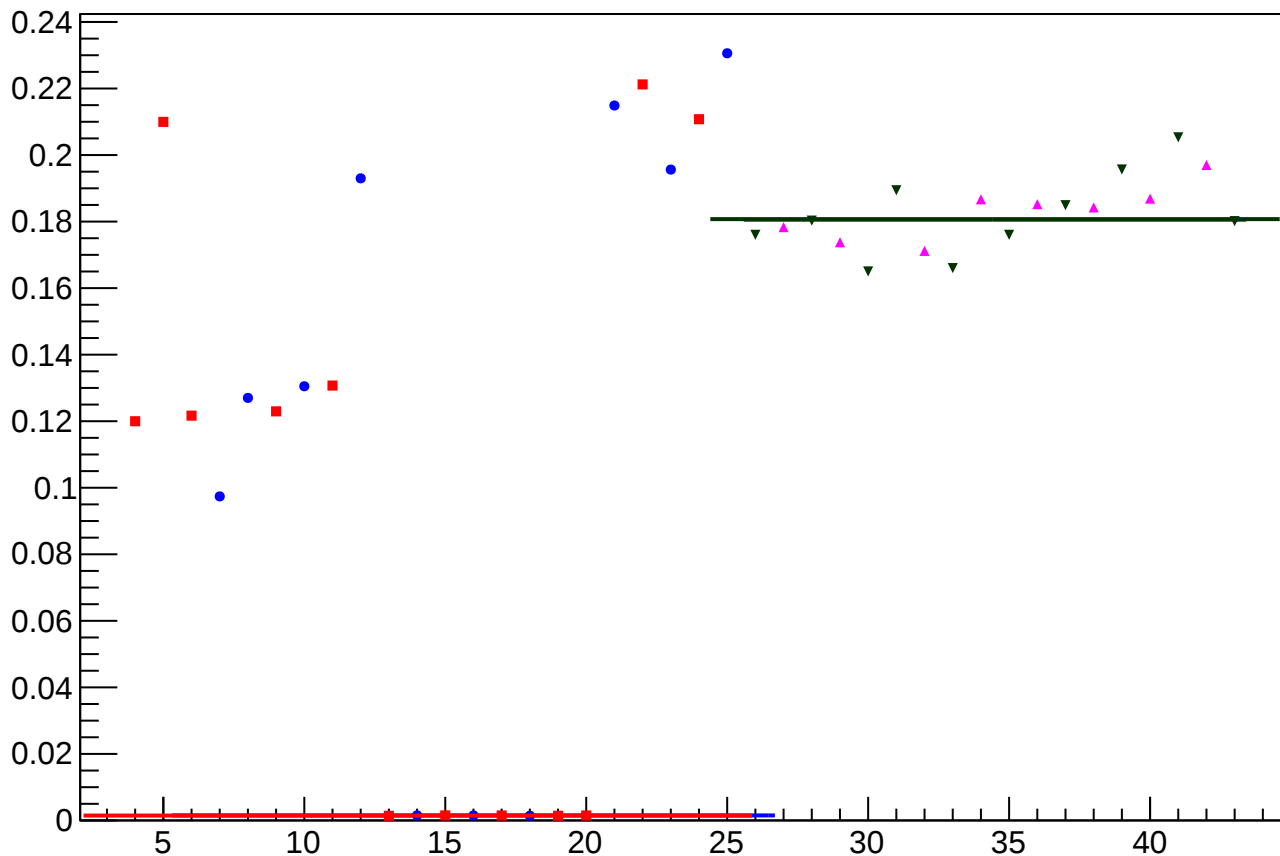
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 68.166+/-0.000 χ^2/NDF : 257569501.3/7

0.129+/-0.000 χ^2/NDF : 1252791411996.4/19

0.125+/-0.000 χ^2/NDF : 1158389525308.0/19

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 :43552.7/9

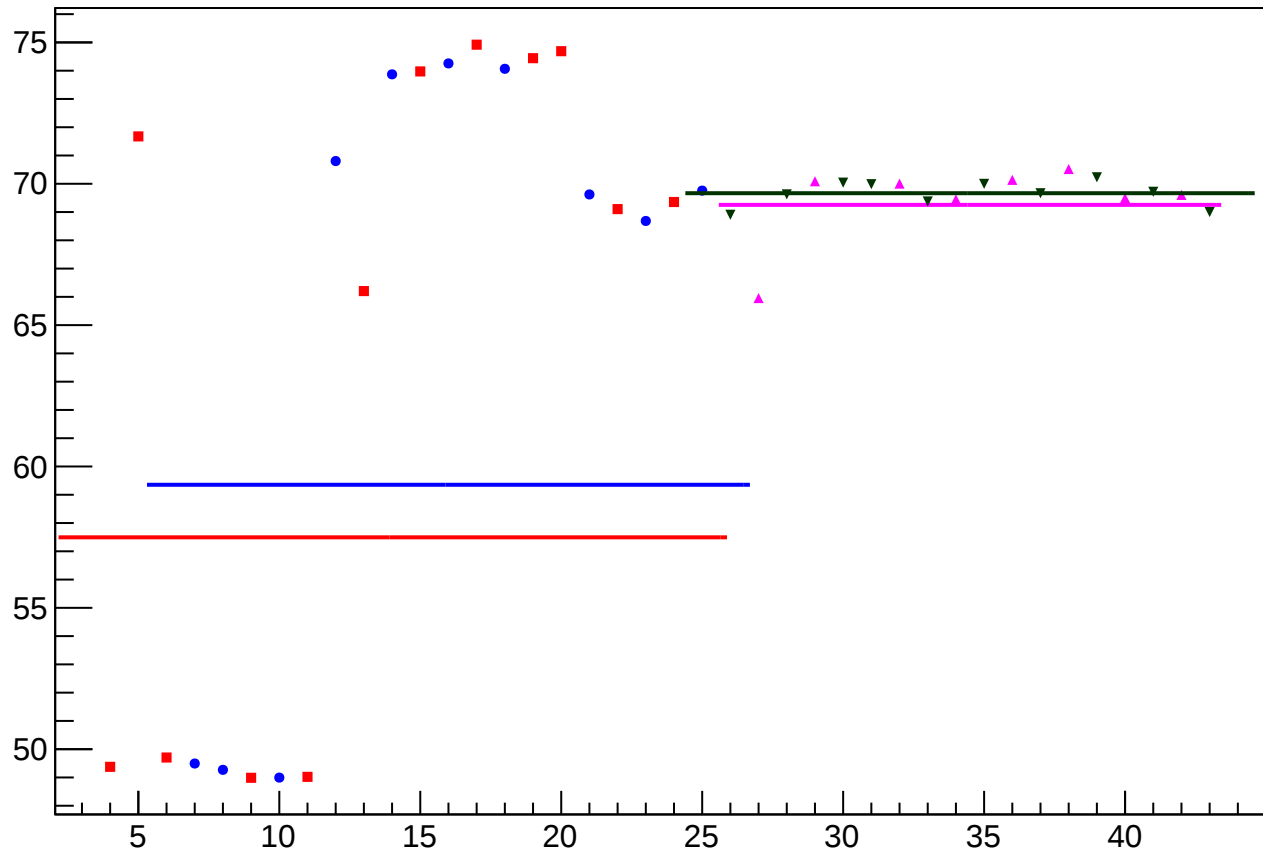
Right Out: 0.001+/-0.000 χ^2/NDF : 6649150.6/11

Left In: 0.180+/-0.000 χ^2/NDF :17979.7/7

0.002+/-0.000 χ^2/NDF : 17816610.2/19

0.001+/-0.000 χ^2/NDF : 16340977.9/19

yield_bcm_dg_us_mean vs slug



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

63.484+/-0.000 χ^2/NDF : 36100307620.2/19

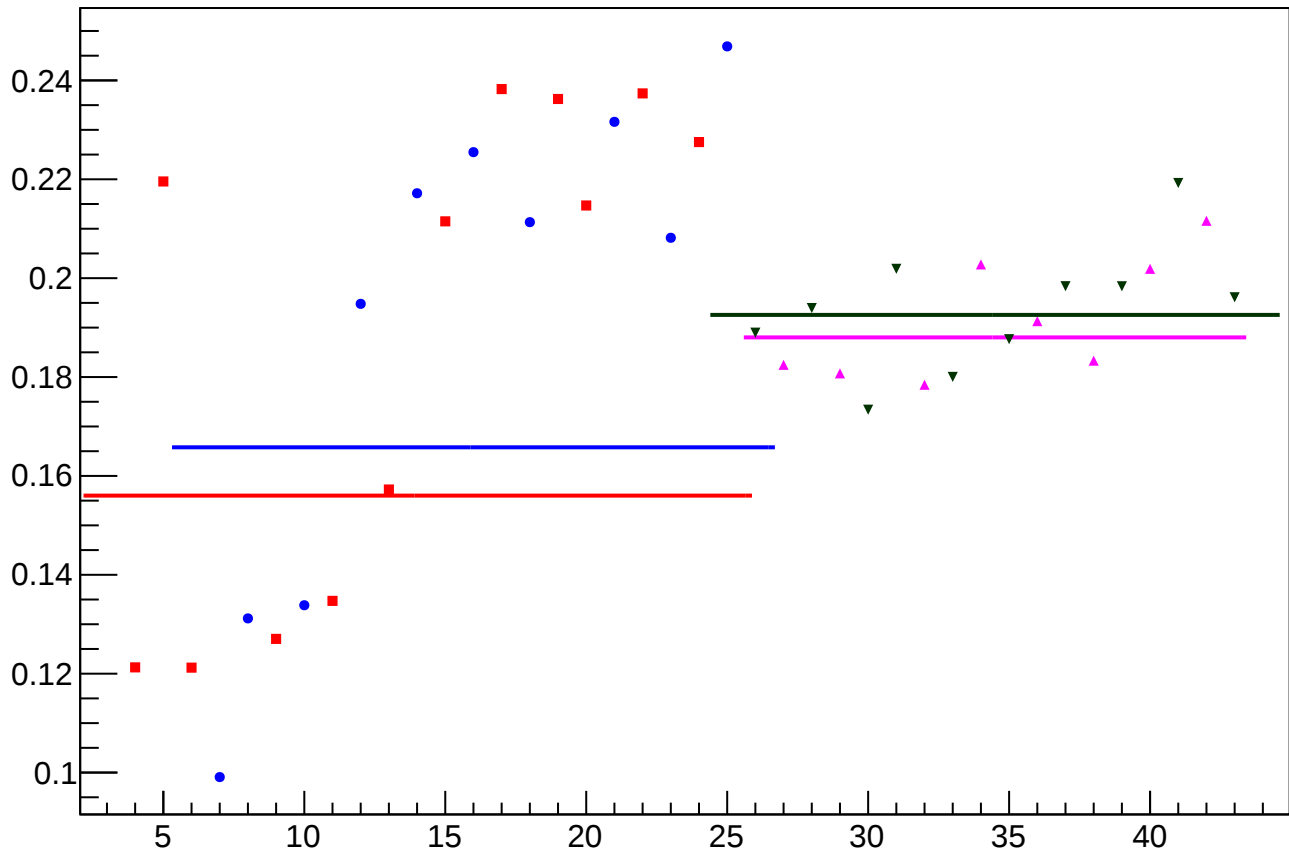
Left Out: 69.667+/-0.000 χ^2/NDF : 24128815.3/9

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

61.944+/-0.000 χ^2/NDF : 37568266703.1/19

Left In: 69.254+/-0.000 χ^2/NDF : 334006302.0/7

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.193+/-0.000 χ^2/NDF : 38713.5/9

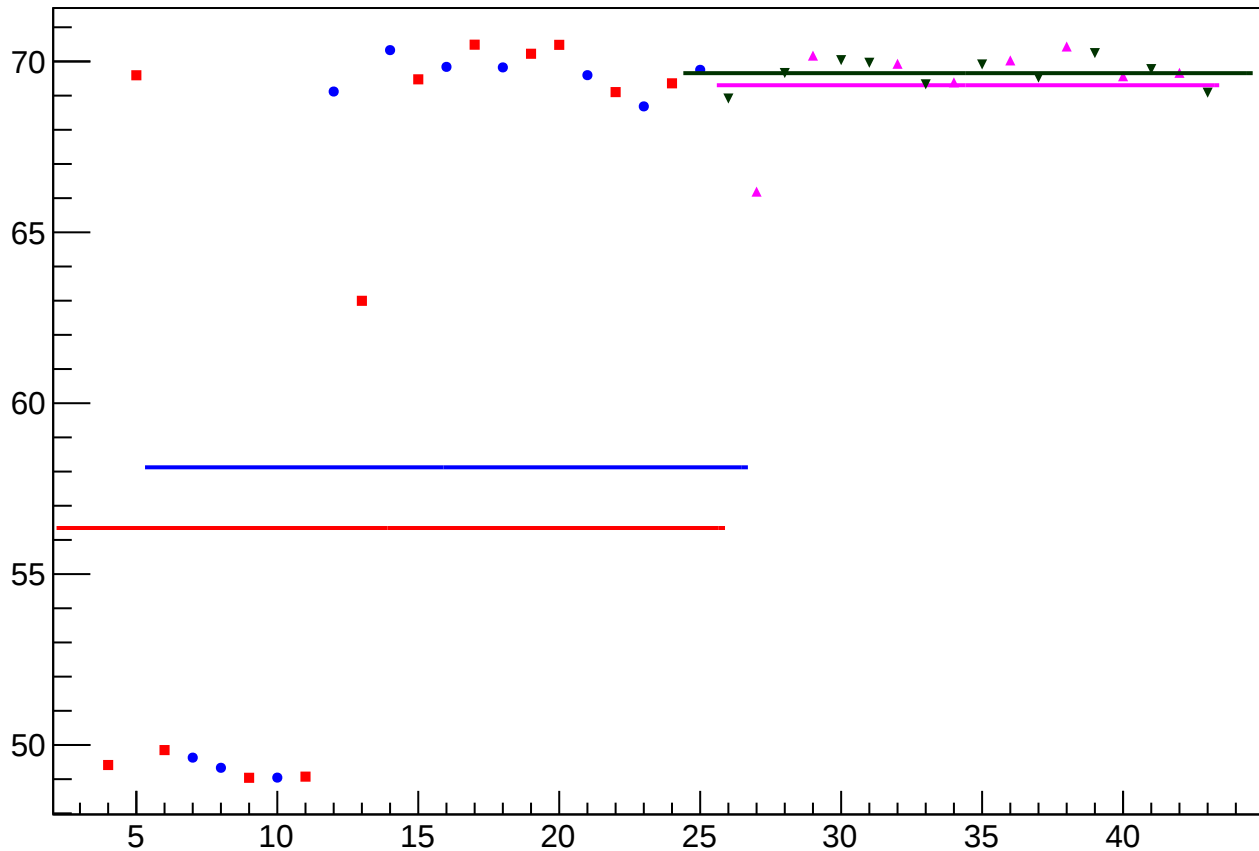
0.177+/-0.000 χ^2/NDF : 1071719.6/19

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

0.168+/-0.000 χ^2/NDF : 1037146.0/19

Left In: 0.188+/-0.000 χ^2/NDF : 32108.8/7

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.657+/-0.000 χ^2/NDF : 23922100.2/9

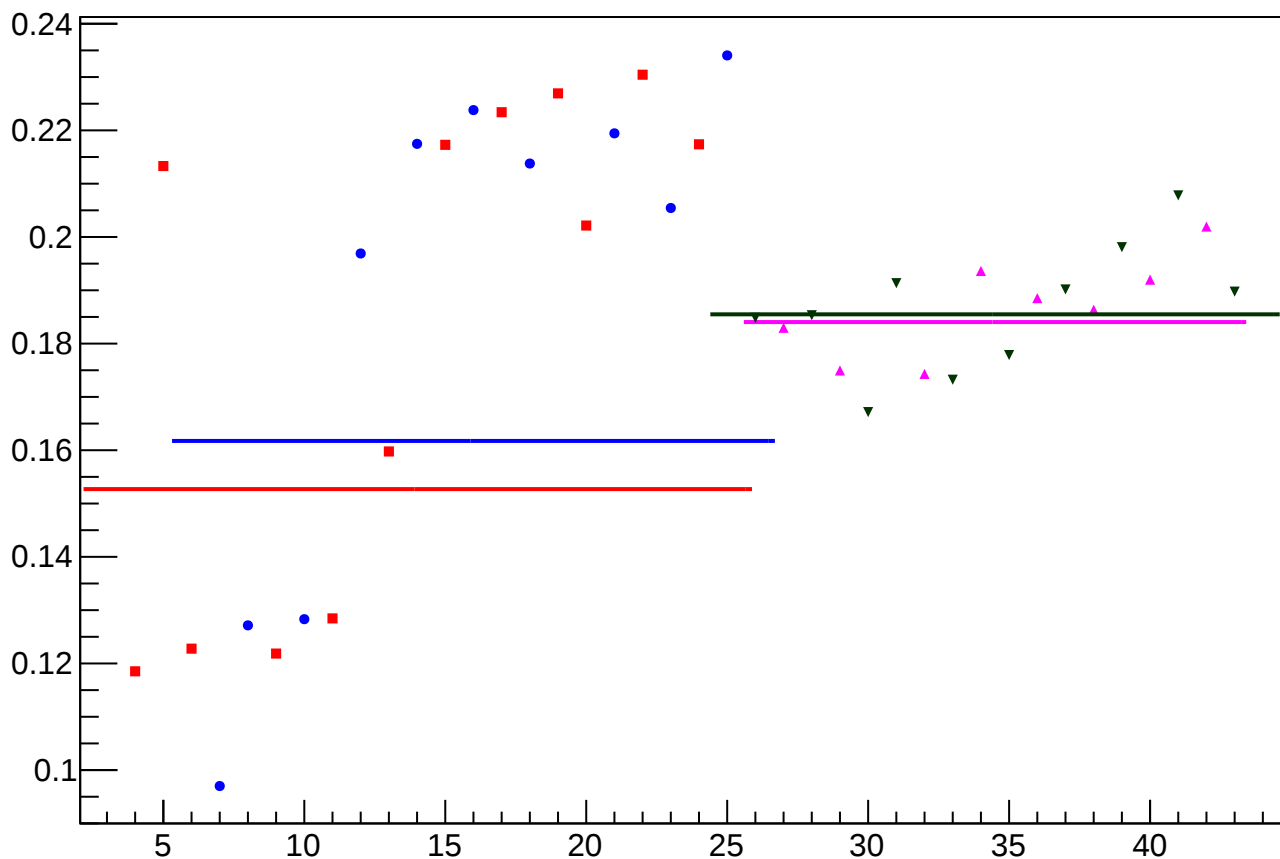
62.825+/-0.000 χ^2/NDF : 34142512514.7/19

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

61.258+/-0.000 χ^2/NDF : 35179406753.6/19

Left In: 69.304+/-0.000 χ^2/NDF : 294923648.2/7

yield_bcm_dg_ds_rms vs slug



Right In: 0.162+/-0.000 χ^2/NDF : 972291.9/9

Left Out: 0.185+/-0.000 χ^2/NDF : 38669.2/9

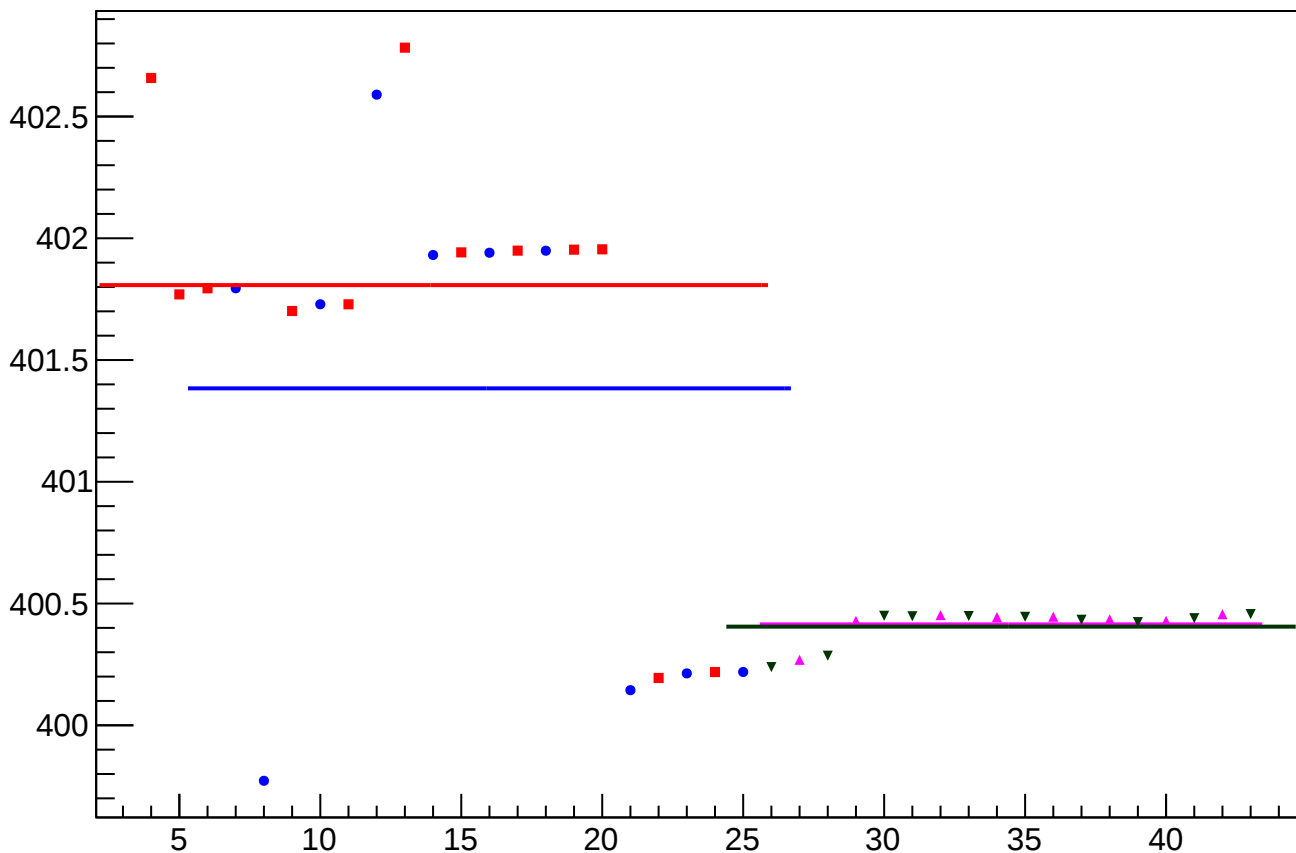
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

Left In: 0.184+/-0.000 χ^2/NDF : 22335.9/7

0.171+/-0.000 χ^2/NDF : 1111362.2/19

0.165+/-0.000 χ^2/NDF : 1009881.0/19

yield_cav4bQ_mean vs slug



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

Left Out: 400.405+/-0.000 χ^2/NDF : 614198257.0/9

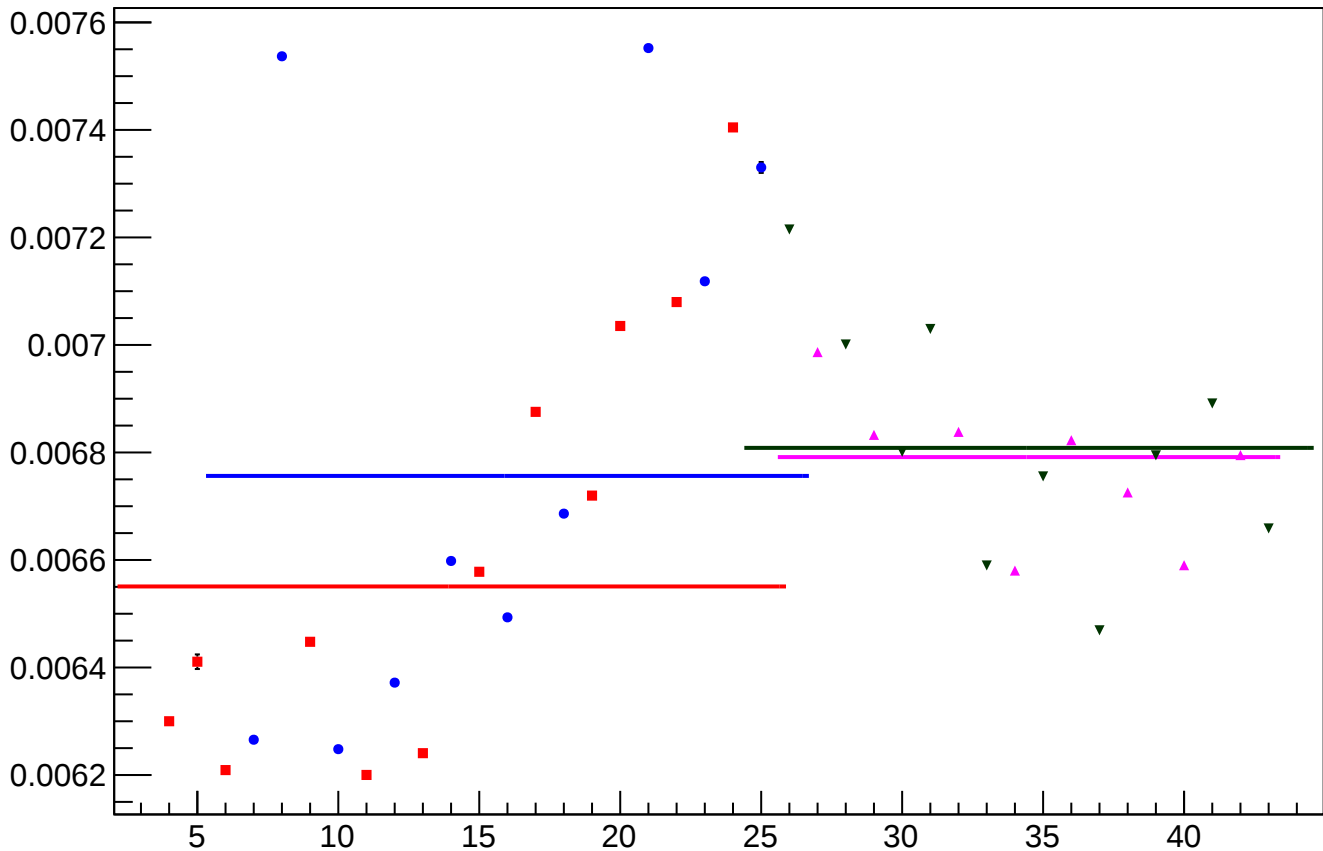
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

Left In: 400.414+/-0.000 χ^2/NDF : 450965051.9/7

400.941+/-0.000 χ^2/NDF : 183938945659.2/19

401.211+/-0.000 χ^2/NDF : 208897453522.3/19

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 : 9783.1/9

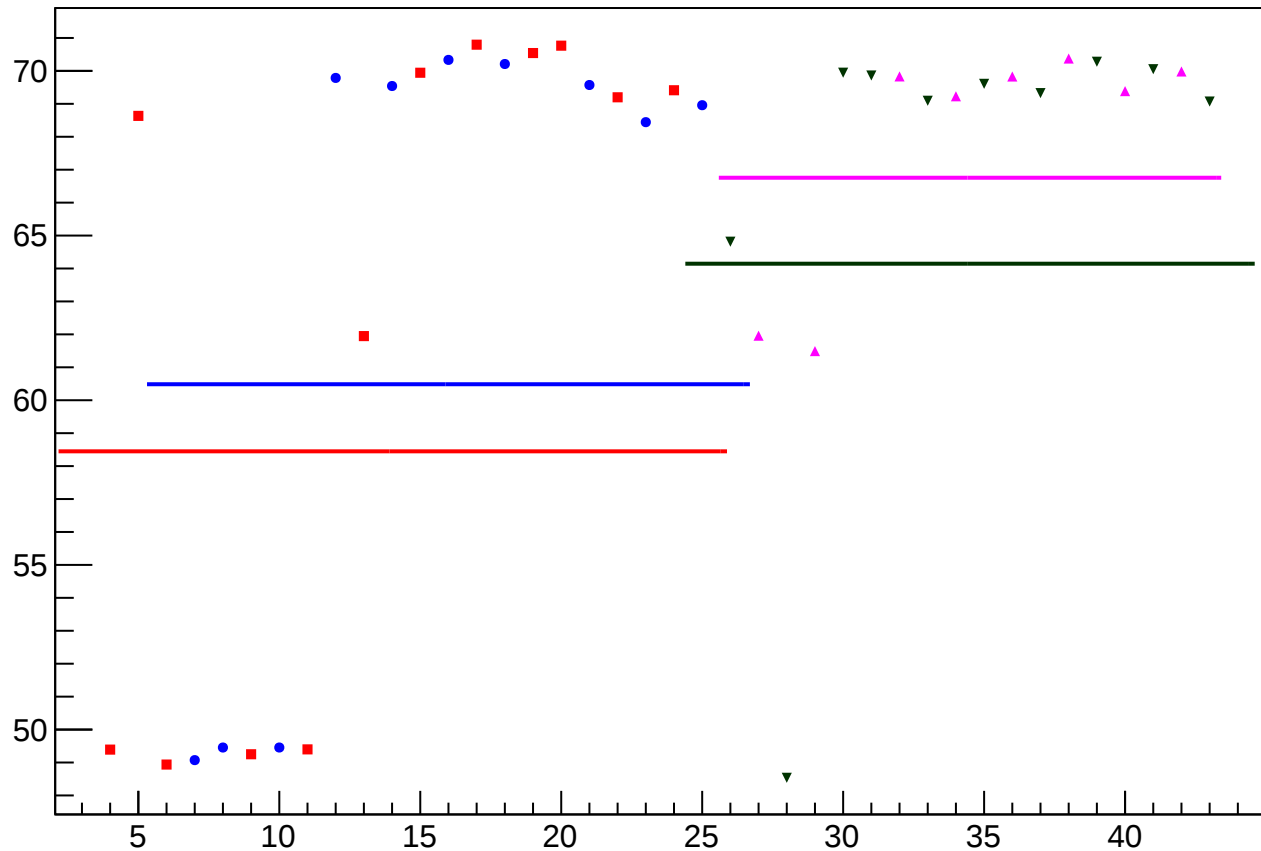
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

Left In: 0.007+/-0.000 χ^2/NDF : 3543.3/7

0.007+/-0.000 χ^2/NDF : 73112.1/19

0.007+/-0.000 χ^2/NDF : 53018.9/19

yield_cav4cQ_mean vs slug



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

Left Out: 64.145+/-0.000 χ^2/NDF : 8533420736.0/9

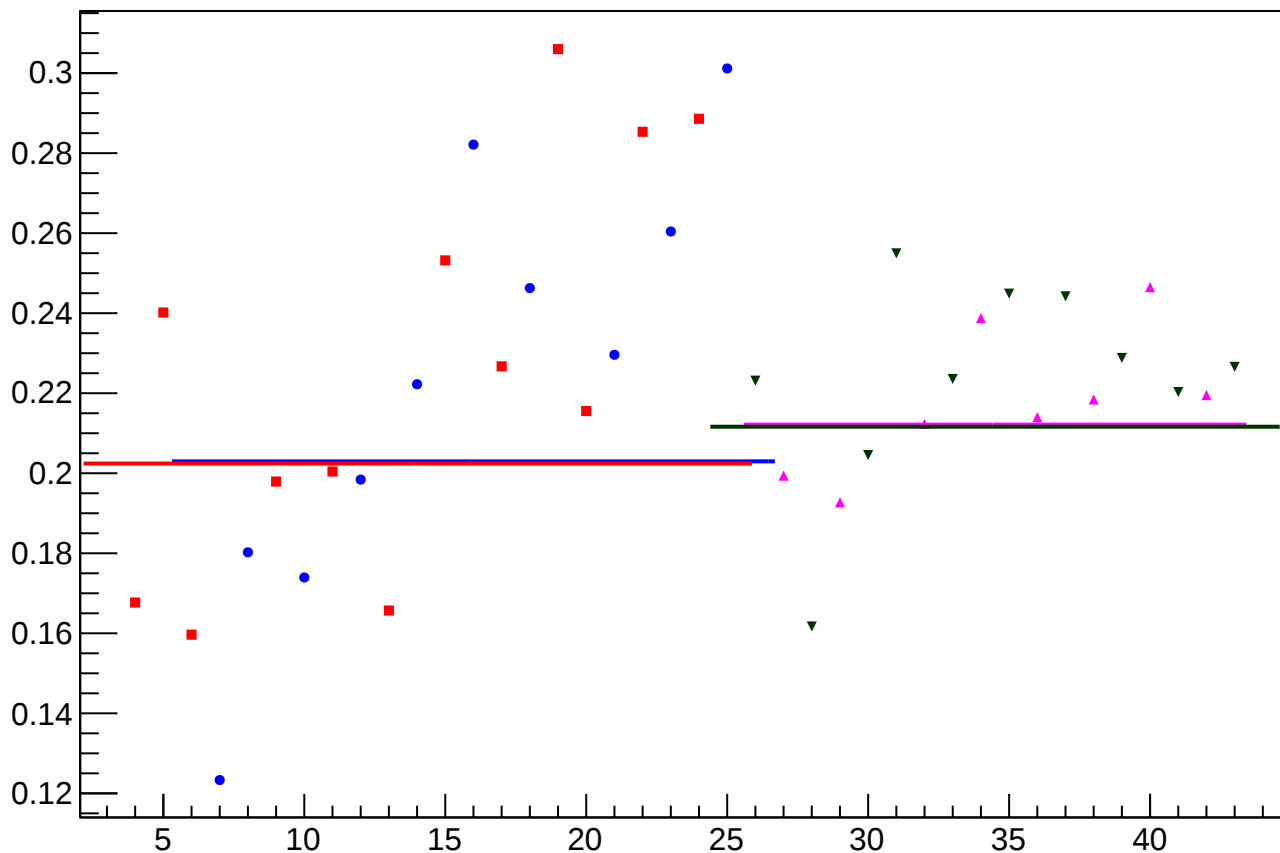
62.089+/-0.000 χ^2/NDF : 23276832348.1/19

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

62.098+/-0.000 χ^2/NDF : 16858392087.7/19

Left In: 66.756+/-0.000 χ^2/NDF : 1568639515.7/7

yield_cav4cQ_rms vs slug



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

Left Out: 0.212+/-0.000 χ^2/NDF : 201414.9/9

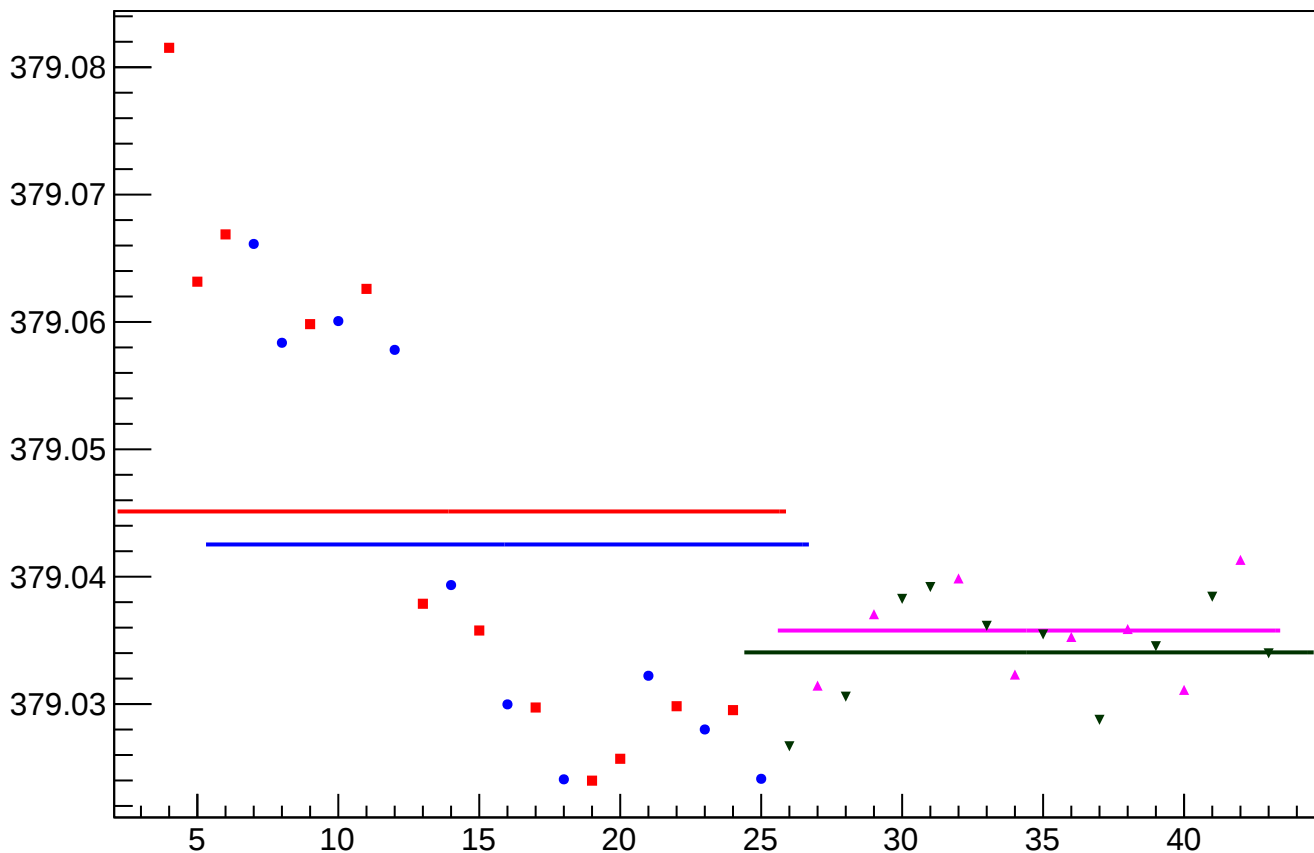
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.212+/-0.000 χ^2/NDF : 51049.5/7

0.207+/-0.000 χ^2/NDF : 719776.8/19

0.207+/-0.000 χ^2/NDF : 539467.7/19

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 :1785889.4/9

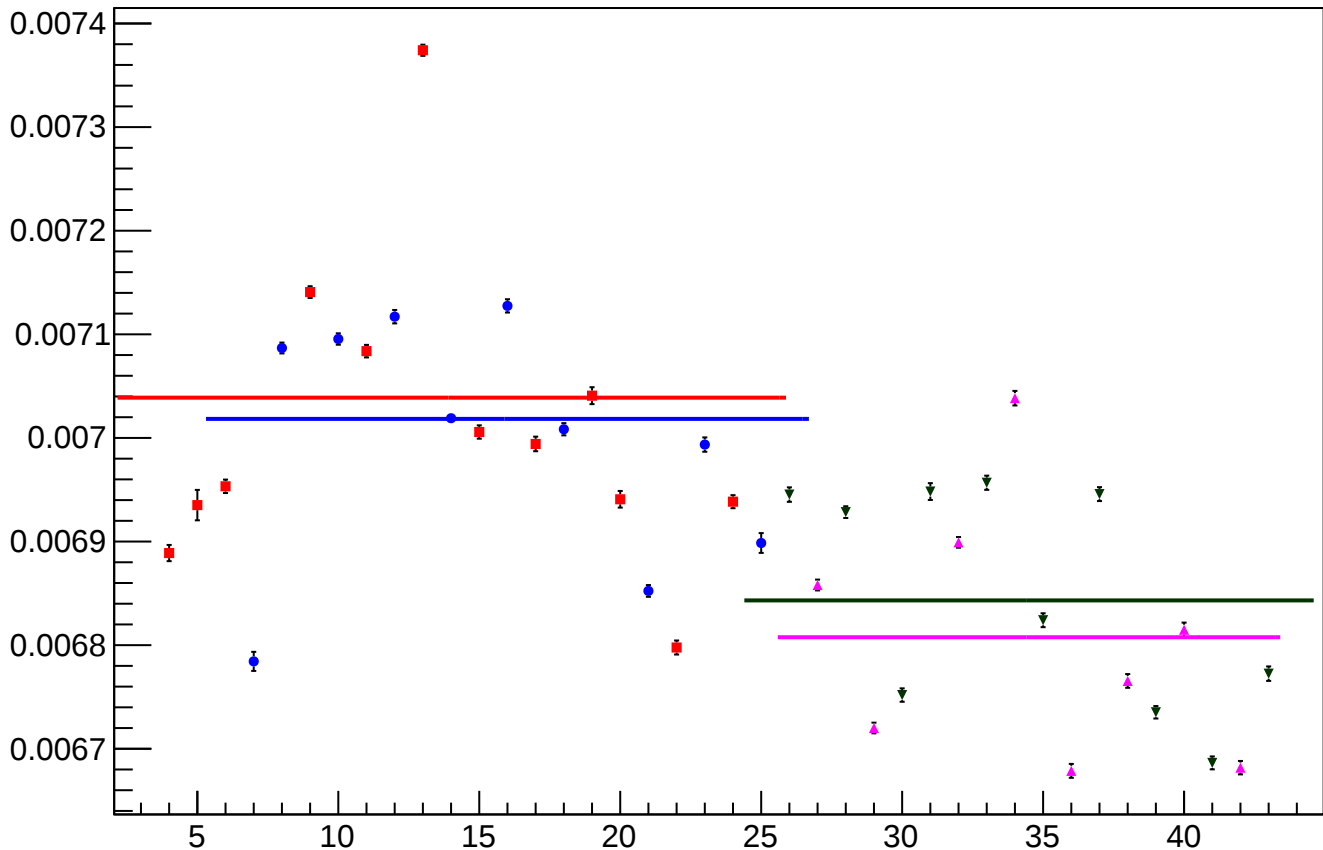
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

Left In: 379.036+/-0.000 χ^2/NDF :1404144.6/7

379.039+/-0.000 χ^2/NDF : 34629094.4/19

379.041+/-0.000 χ^2/NDF : 47546679.1/19

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 :2379.4/9

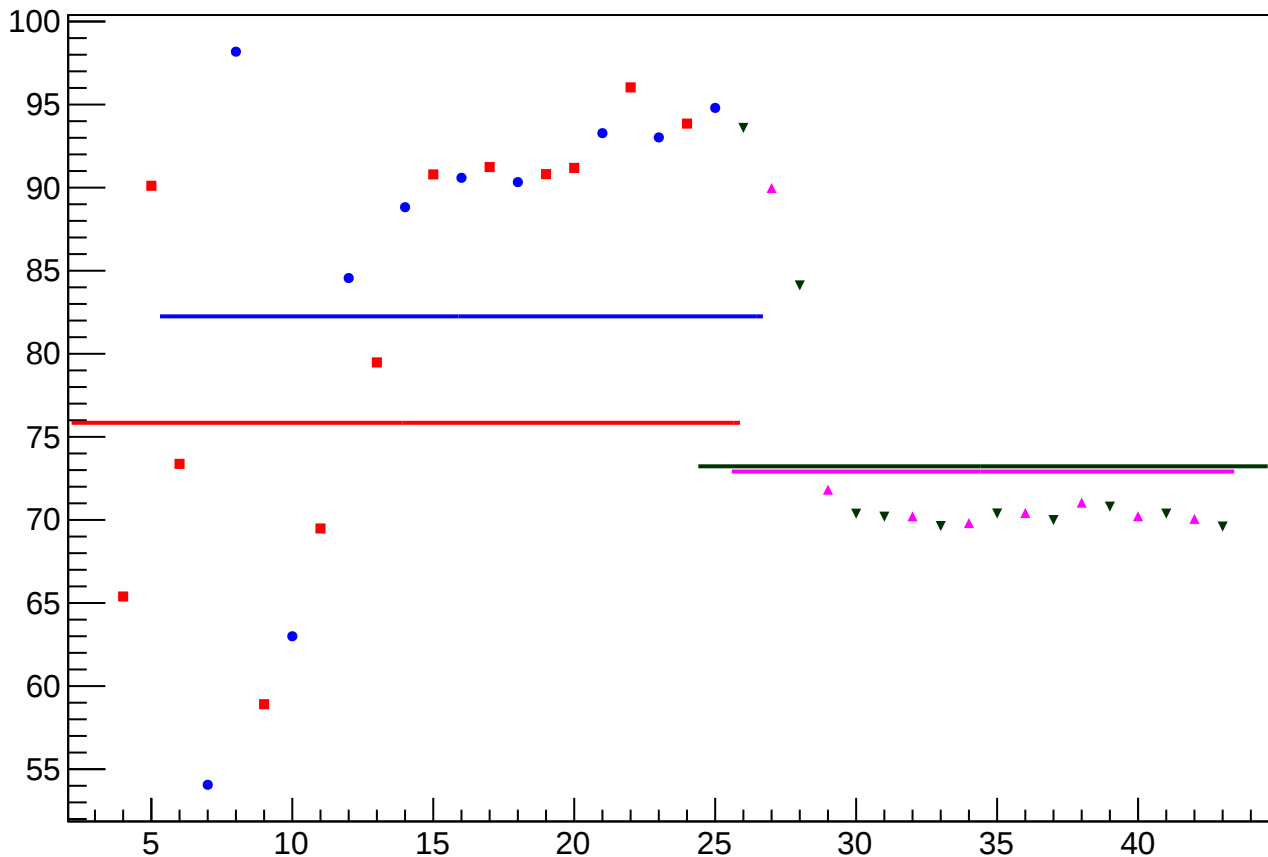
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF :2561.9/7

0.007+/-0.000 χ^2/NDF : 8715.5/19

0.007+/-0.000 χ^2/NDF : 15528.8/19

yield_bcm0l02_mean vs slug



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

Left Out: 73.228+/-0.000 χ^2/NDF : 3731942896.0/9

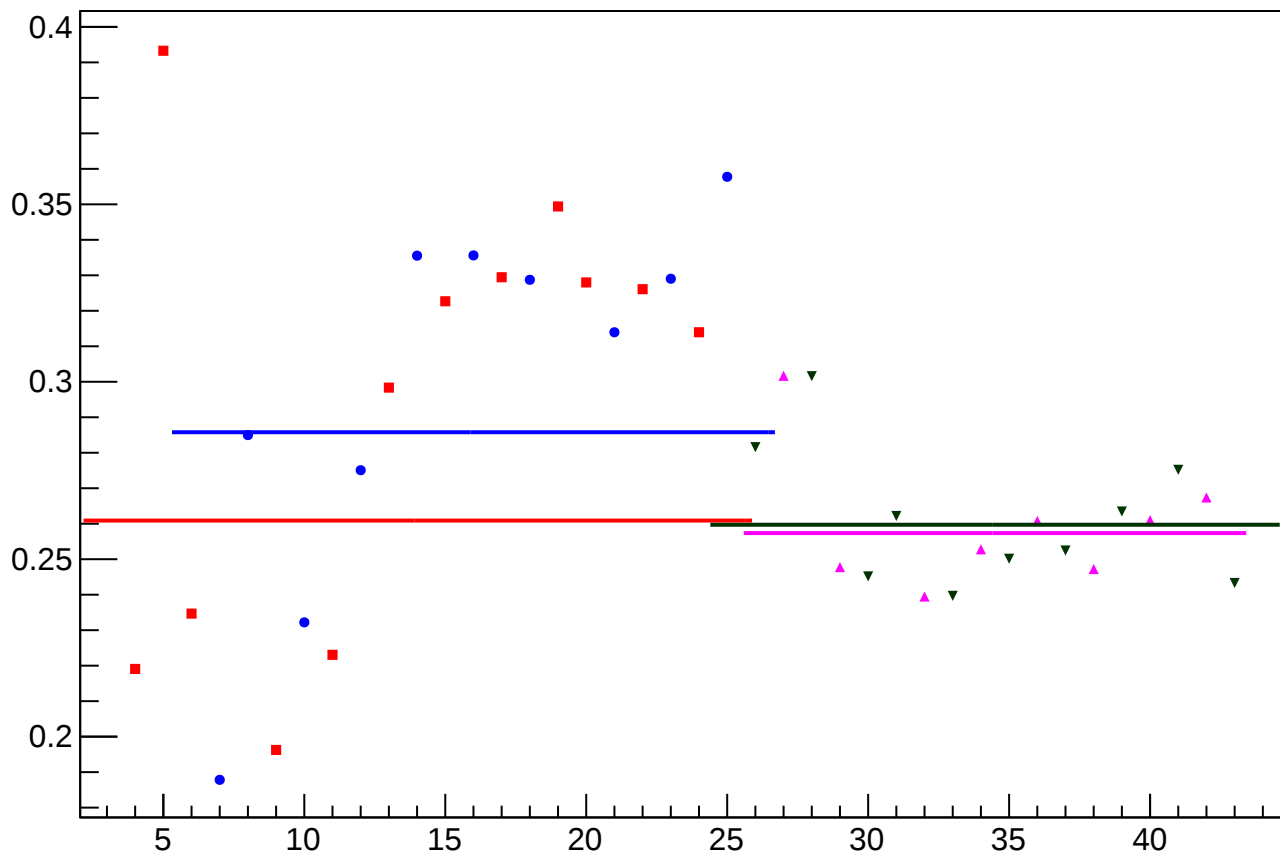
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 72.913+/-0.000 χ^2/NDF : 2864462249.5/7

77.606+/-0.000 χ^2/NDF : 21885238168.6/19

74.450+/-0.000 χ^2/NDF : 16671056844.8/19

yield_bcm0l02_rms vs slug



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

Left Out: 0.260+/-0.000 χ^2/NDF : 47918.7/9

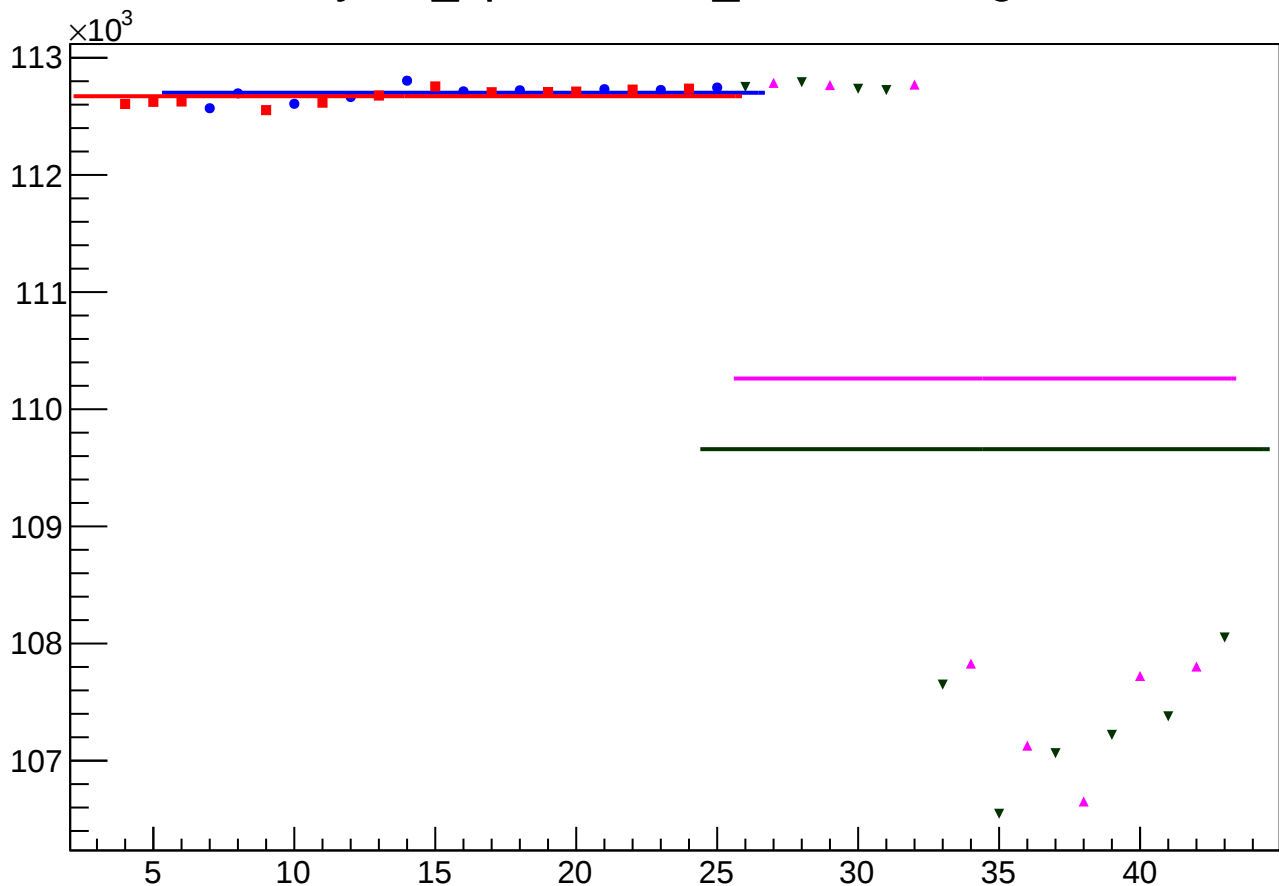
Right Out: 0.261+/-0.000 χ^2/NDF : 481520.7/11

Left In: 0.257+/-0.000 χ^2/NDF : 48948.6/7

0.272+/-0.000 χ^2/NDF : 440493.1/19

0.259+/-0.000 χ^2/NDF : 531404.8/19

yield_bpm2i01WS_mean vs slug



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

Left Out: 109659.144 $\pm$ 0.053 χ^2/NDF : 2686861752.7/9

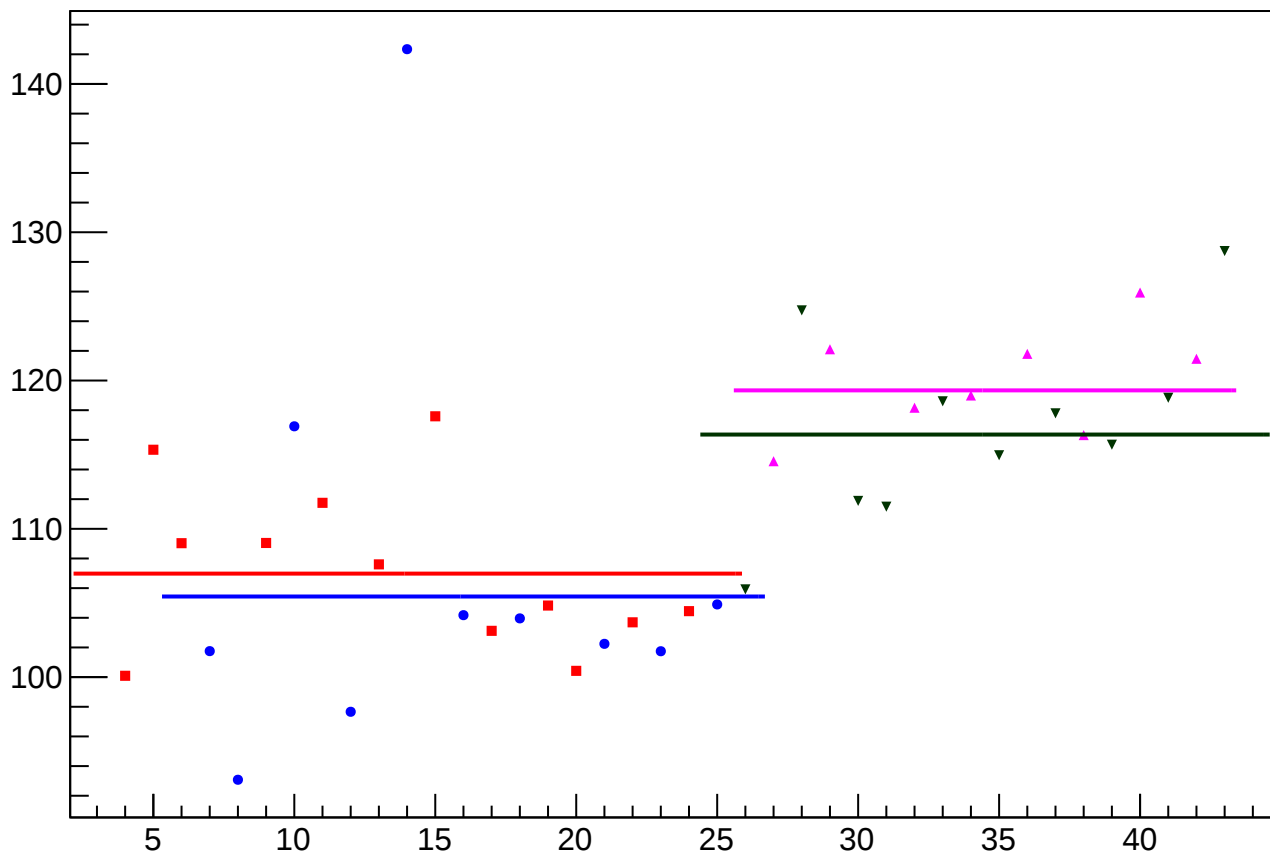
Right Out: 112671.936 $\pm$ 0.043 χ^2/NDF : 2021453.7/11

Left In: 110262.181 $\pm$ 0.055 χ^2/NDF : 2396459808.5/7

111507.186 $\pm$ 0.033 χ^2/NDF : 4703489348.8/19

111749.979 $\pm$ 0.034 χ^2/NDF : 3576311236.4/19

yield_bpm2i01WS_rms vs slug



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

Left Out: 116.357 $\pm$ 0.037 χ^2 /NDF: 26817.0/9

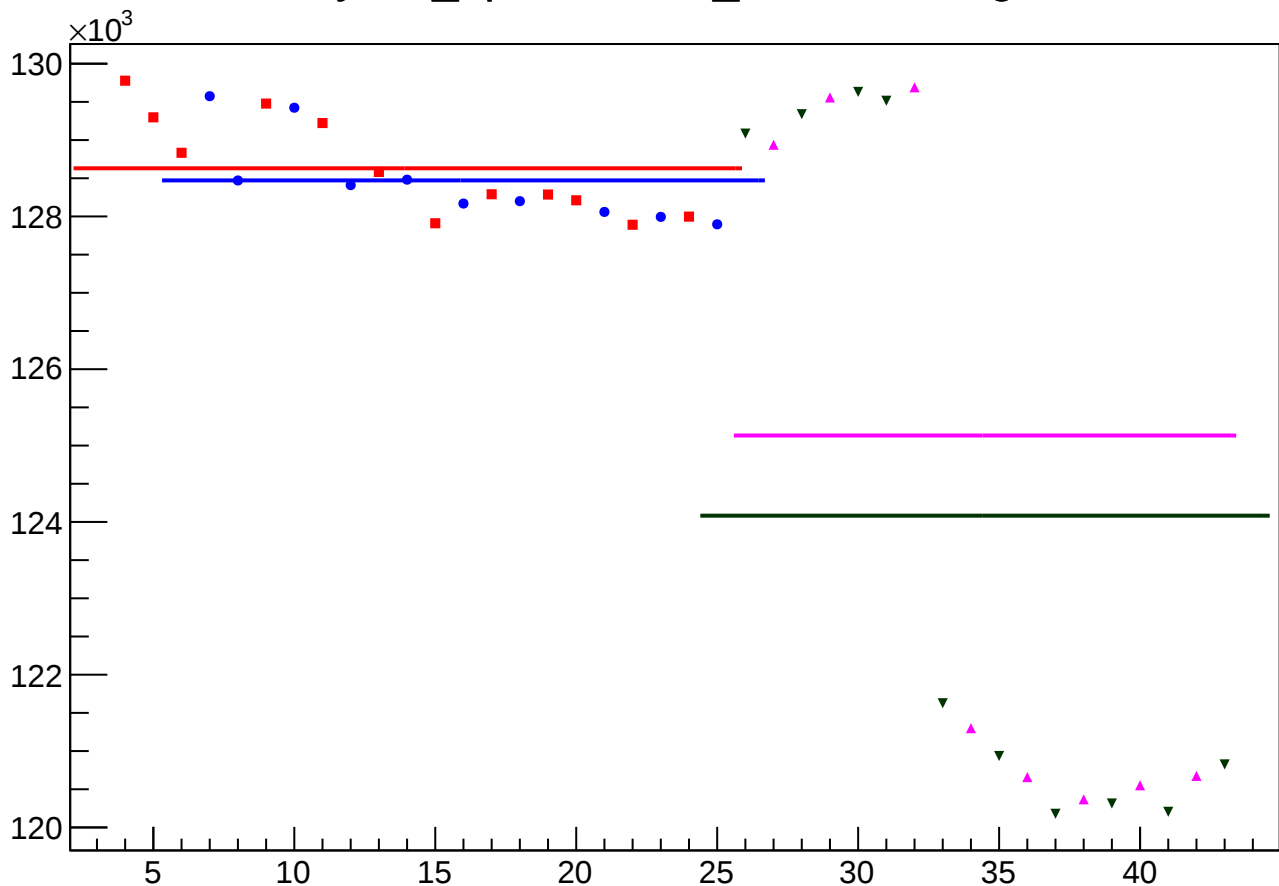
Right Out: 106.980 $\pm$ 0.031 χ^2 /NDF: 22698.2/11

Left In: 119.336 $\pm$ 0.039 χ^2 /NDF: 7303.9/7

109.723 $\pm$ 0.023 χ^2 /NDF: 267081.6/19

111.707 $\pm$ 0.024 χ^2 /NDF: 91940.8/19

yield_bpm0i07WS_mean vs slug



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

Left Out: 124081.986 $\pm$ 0.090 χ^2 /NDF: 2292578151.5/9

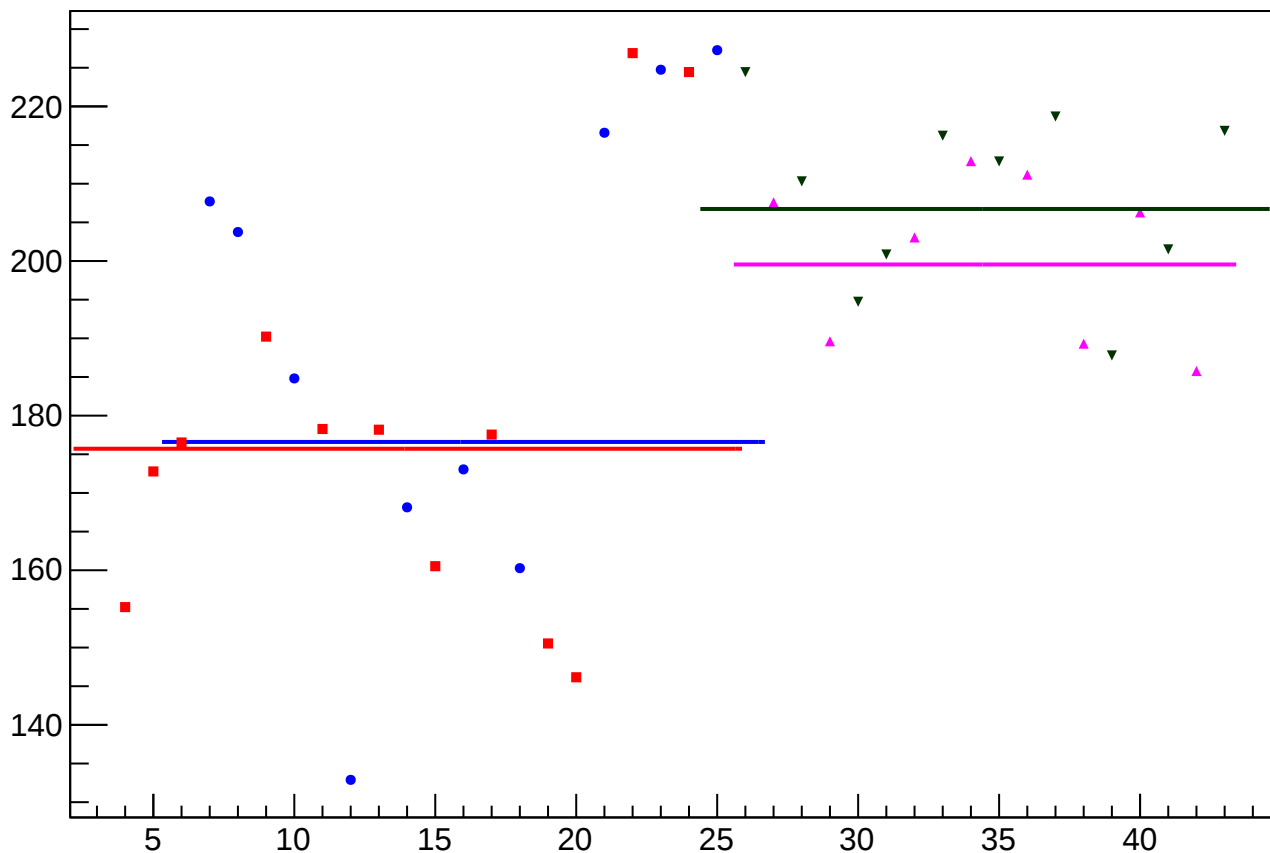
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

Left In: 125131.625 $\pm$ 0.089 χ^2 /NDF: 2438063734.1/7

126793.265 $\pm$ 0.056 χ^2 /NDF: 3799483152.3/19

127259.925 $\pm$ 0.055 χ^2 /NDF: 3457315416.5/19

yield_bpm0i07WS_rms vs slug



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

Left Out: 206.733 $\pm$ 0.064 χ^2 /NDF: 32612.0/9

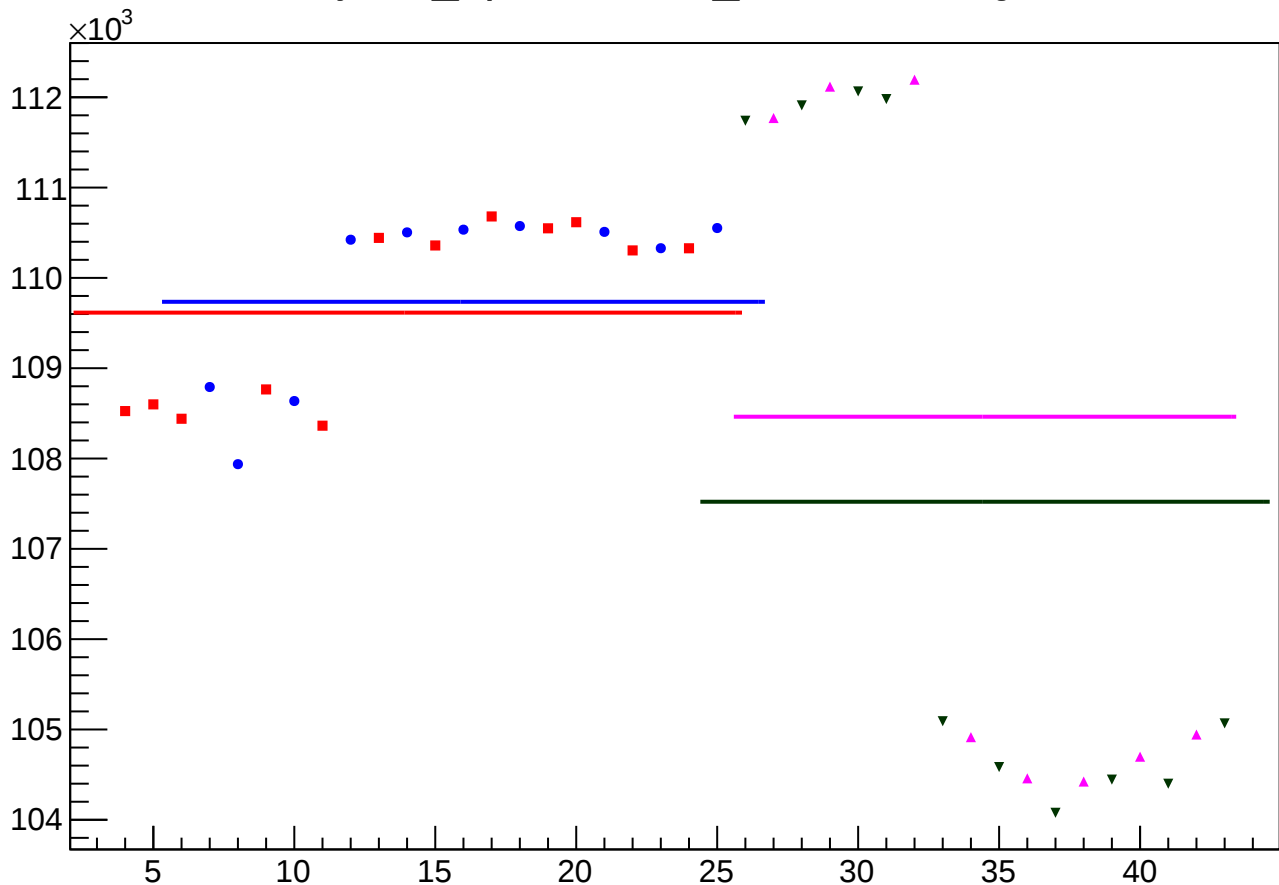
Right Out: 175.718 $\pm$ 0.050 χ^2 /NDF: 188443.6/11

Left In: 199.553 $\pm$ 0.063 χ^2 /NDF: 24312.2/7

188.121 $\pm$ 0.039 χ^2 /NDF: 487478.1/19

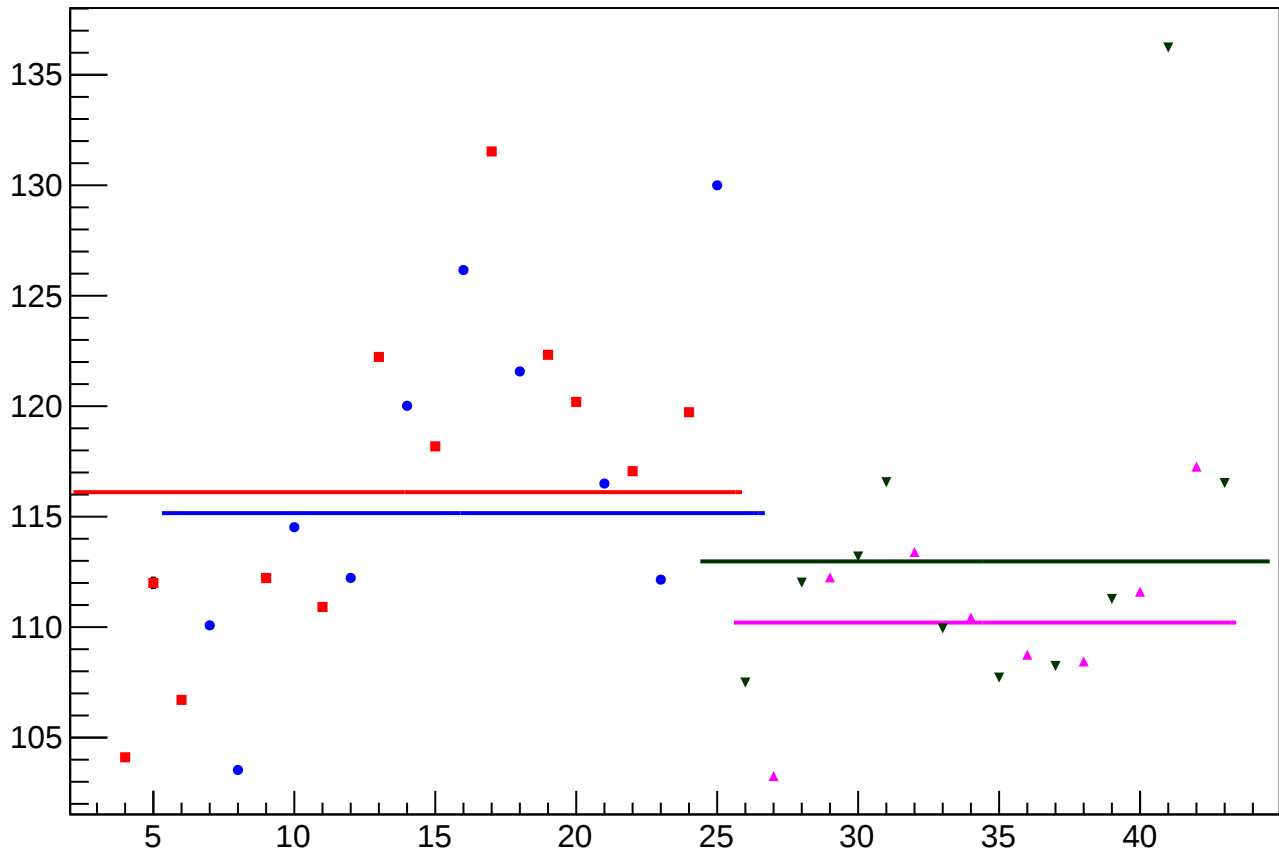
185.054 $\pm$ 0.039 χ^2 /NDF: 300864.2/19

yield_bpm0l01WS_mean vs slug



Right In: 109735.295 $\pm$ 0.046	χ^2 /NDF: 537097563.8/9	108714.026 $\pm$ 0.034	χ^2 /NDF: 6940647863.3/19
Left Out: 107521.561 $\pm$ 0.049	χ^2 /NDF: 5321162353.6/9		
Right Out: 109615.412 $\pm$ 0.047	χ^2 /NDF: 419274077.4/11	109065.606 $\pm$ 0.034	χ^2 /NDF: 6341845276.3/19
Left In: 108463.027 $\pm$ 0.049	χ^2 /NDF: 5632551080.1/7		

yield_bpm0l01WS_rms vs slug



Right In: 115.160 ± 0.032 $\chi^2/\text{NDF}: 48108.4/9$

Left Out: 112.975 ± 0.035 $\chi^2/\text{NDF}: 42849.8/9$

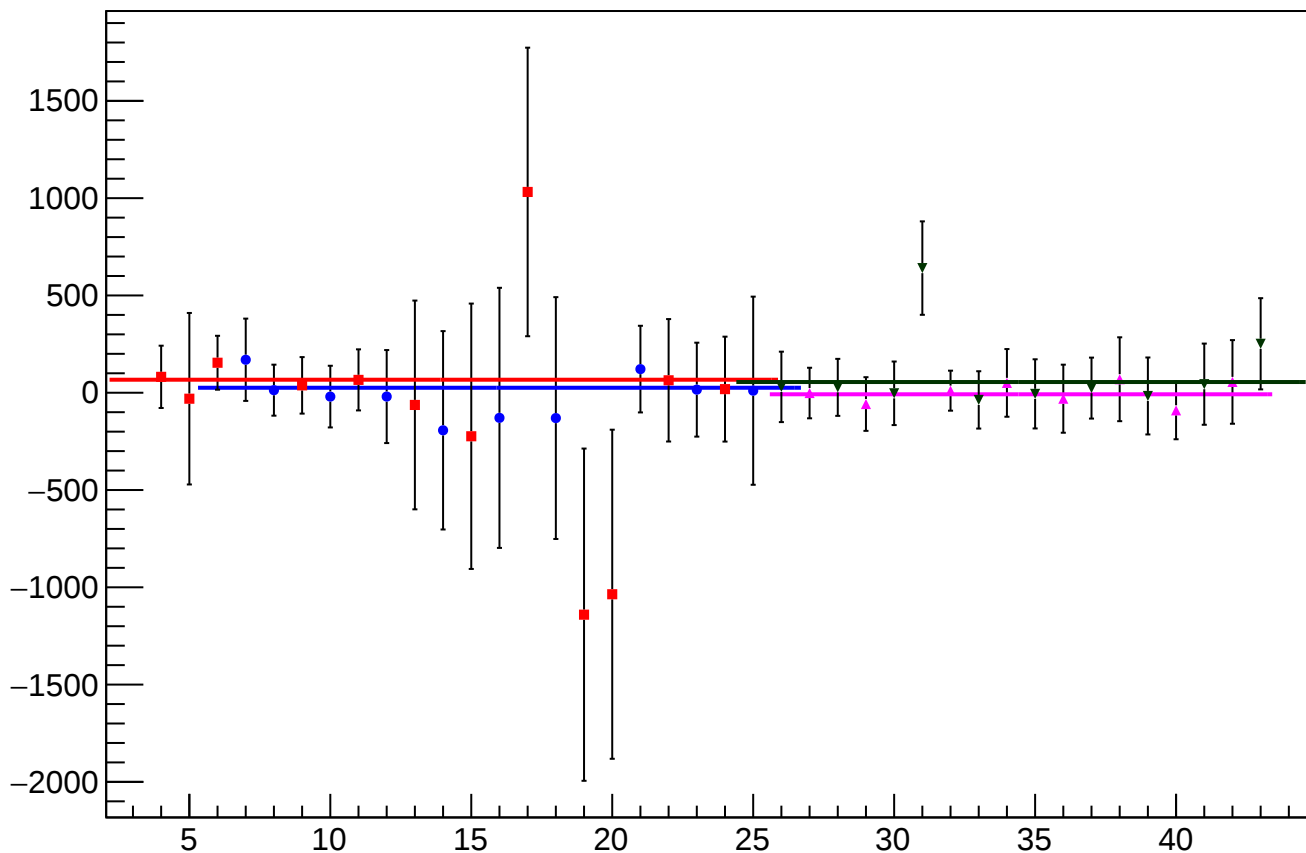
114.152 ± 0.024 $\chi^2/\text{NDF}: 93067.0/19$

Right Out: 116.109 ± 0.033 $\chi^2/\text{NDF}: 44081.8/11$

113.293 ± 0.024 $\chi^2/\text{NDF}: 73151.2/19$

Left In: 110.206 ± 0.035 $\chi^2/\text{NDF}: 13852.1/7$

asym_bcm_an_ds_mean vs slug



Right In: 25.622 ± 72.900 $\chi^2/\text{NDF}: 1.1/9$

Left Out: 55.055 ± 56.152 $\chi^2/\text{NDF}: 7.5/9$

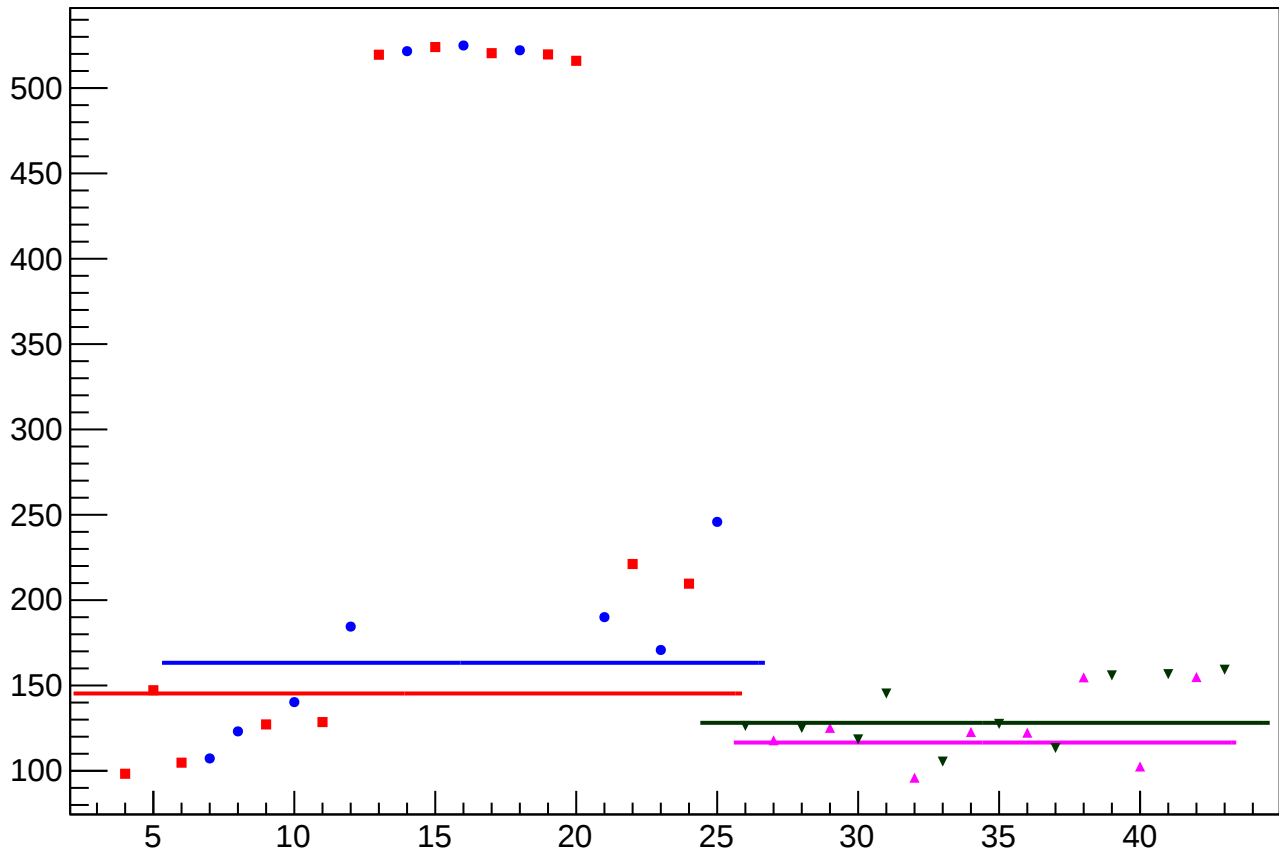
Right Out: 66.920 ± 67.669 $\chi^2/\text{NDF}: 6.2/11$

Left In: -7.945 ± 52.663 $\chi^2/\text{NDF}: 0.8/7$

44.095 ± 44.485 $\chi^2/\text{NDF}: 8.7/19$

20.295 ± 41.560 $\chi^2/\text{NDF}: 7.7/19$

asym_bcm_an_ds_rms vs slug



Right In: 163.298+/-0.052 χ^2/NDF : 2716025.4/9

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

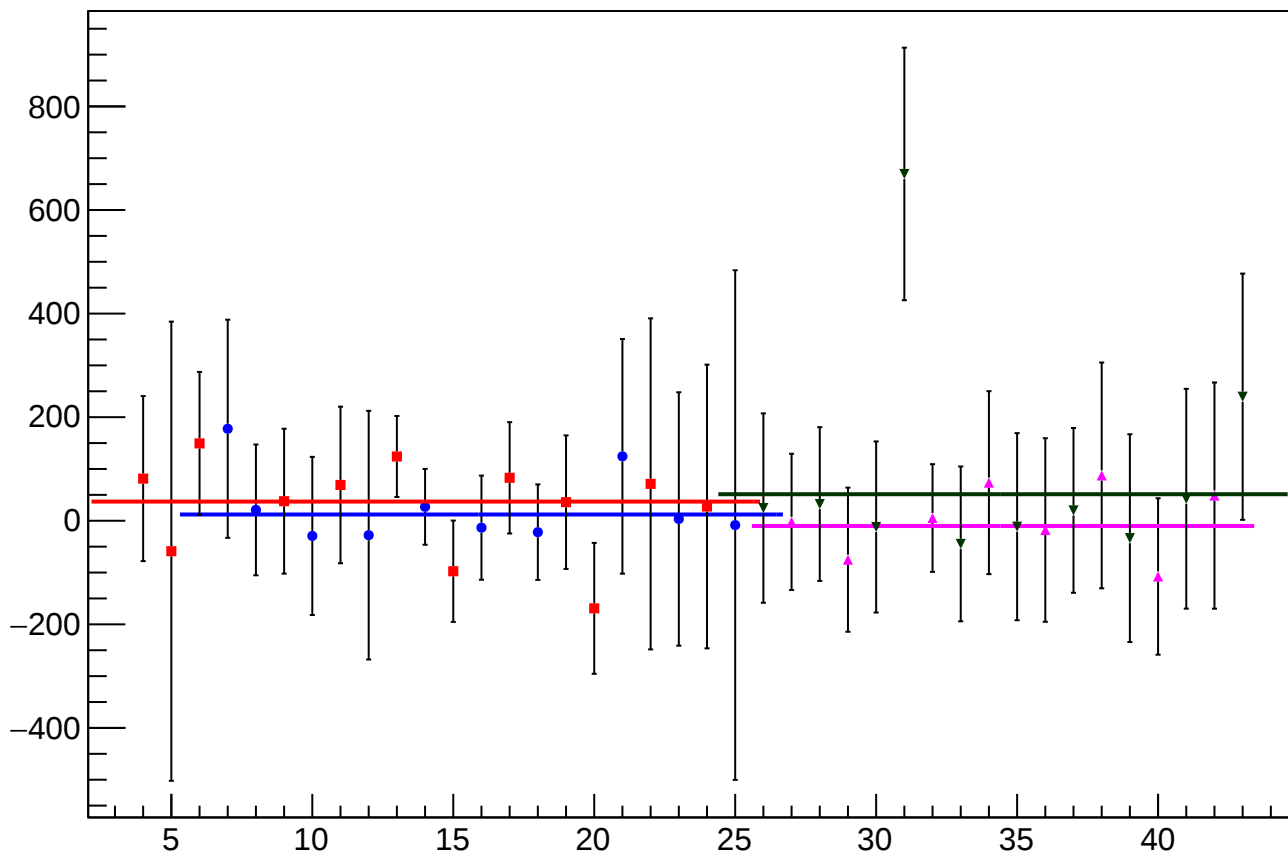
141.223+/-0.031 χ^2/NDF : 3204009.7/19

Right Out: 145.320+/-0.048 χ^2/NDF : 3498392.4/11

127.414+/-0.029 χ^2/NDF : 3960468.7/19

Left In: 116.569+/-0.037 χ^2/NDF :237229.9/7

asym_bcm_an_ds3_mean vs slug



Right In: 12.098 ± 41.208 $\chi^2/\text{NDF}: 1.2/9$

Left Out: 51.240 ± 56.939 $\chi^2/\text{NDF}: 8.0/9$

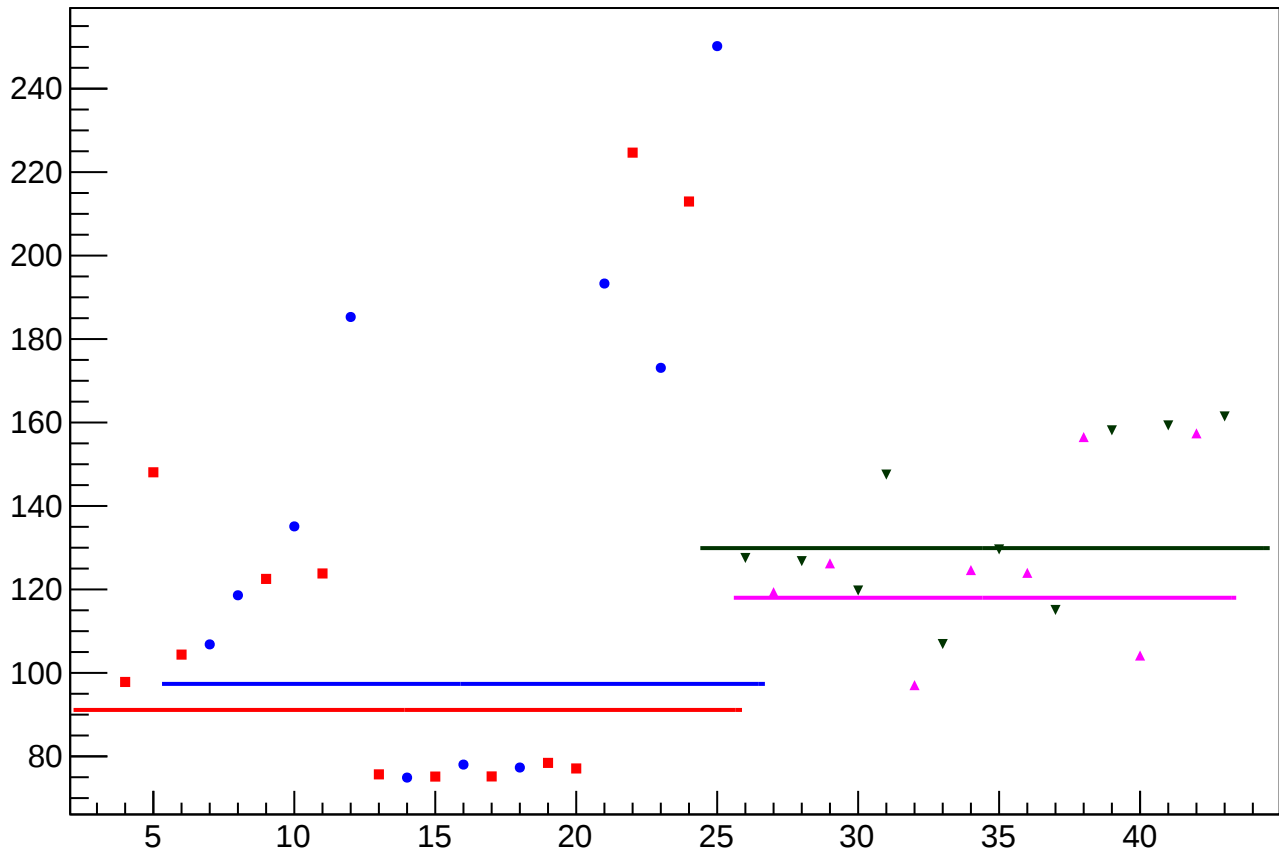
Right Out: 37.031 ± 38.001 $\chi^2/\text{NDF}: 6.8/11$

Left In: -10.192 ± 53.323 $\chi^2/\text{NDF}: 1.2/7$

25.553 ± 33.383 $\chi^2/\text{NDF}: 9.5/19$

21.125 ± 30.947 $\chi^2/\text{NDF}: 8.5/19$

asym_bcm_an_ds3_rms vs slug



Right In: 97.366+/-0.029 χ^2/NDF : 1551052.0/9

Left Out: 129.904+/-0.040 χ^2/NDF :197170.8/9

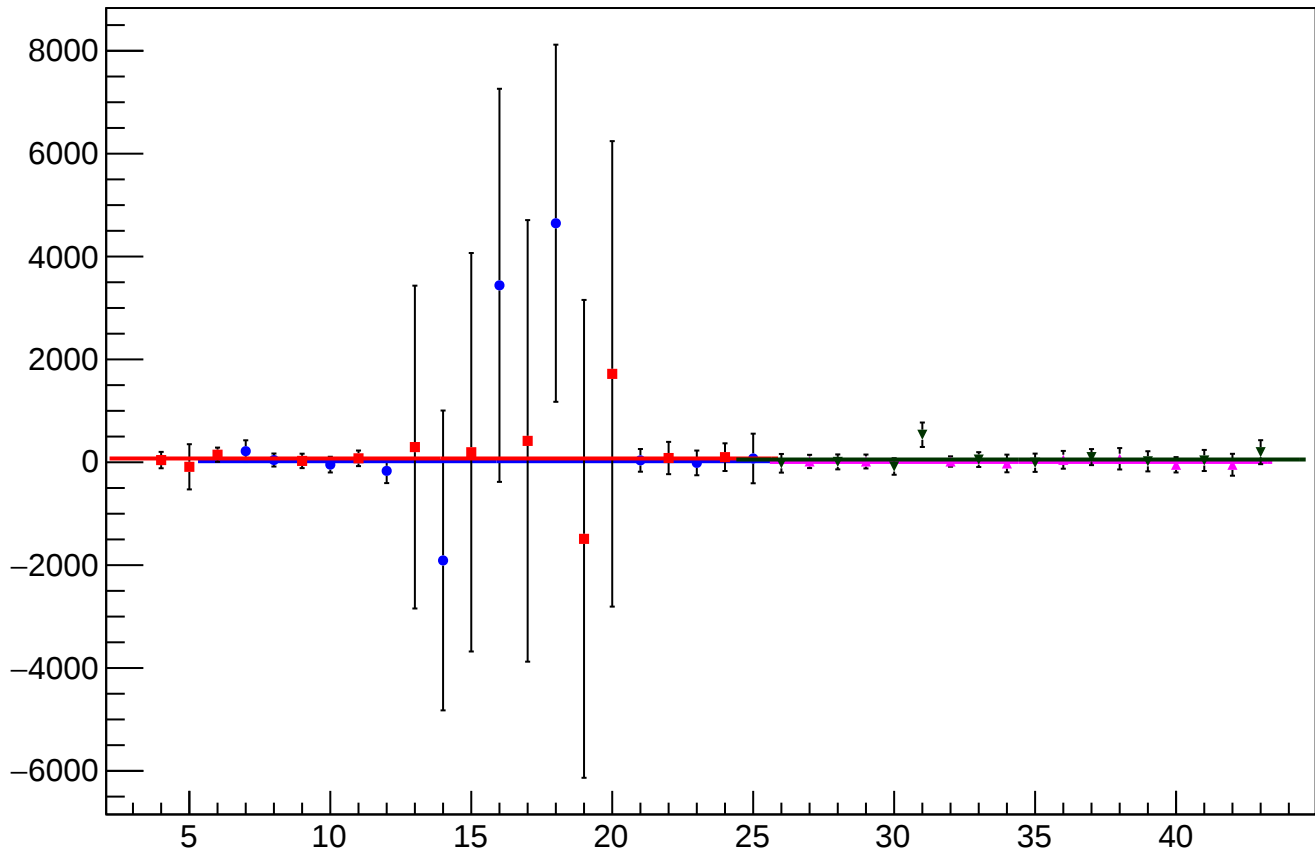
Right Out: 91.126+/-0.027 χ^2/NDF : 1213529.6/11

Left In: 118.006+/-0.038 χ^2/NDF :237743.7/7

108.550+/-0.024 χ^2/NDF : 2176829.3/19

100.180+/-0.022 χ^2/NDF : 1788331.3/19

asym_bcm_an_us_mean vs slug



Right In: 20.924 ± 72.964 $\chi^2/\text{NDF}: 4.8/9$

Left Out: 53.832 ± 55.648 $\chi^2/\text{NDF}: 5.7/9$

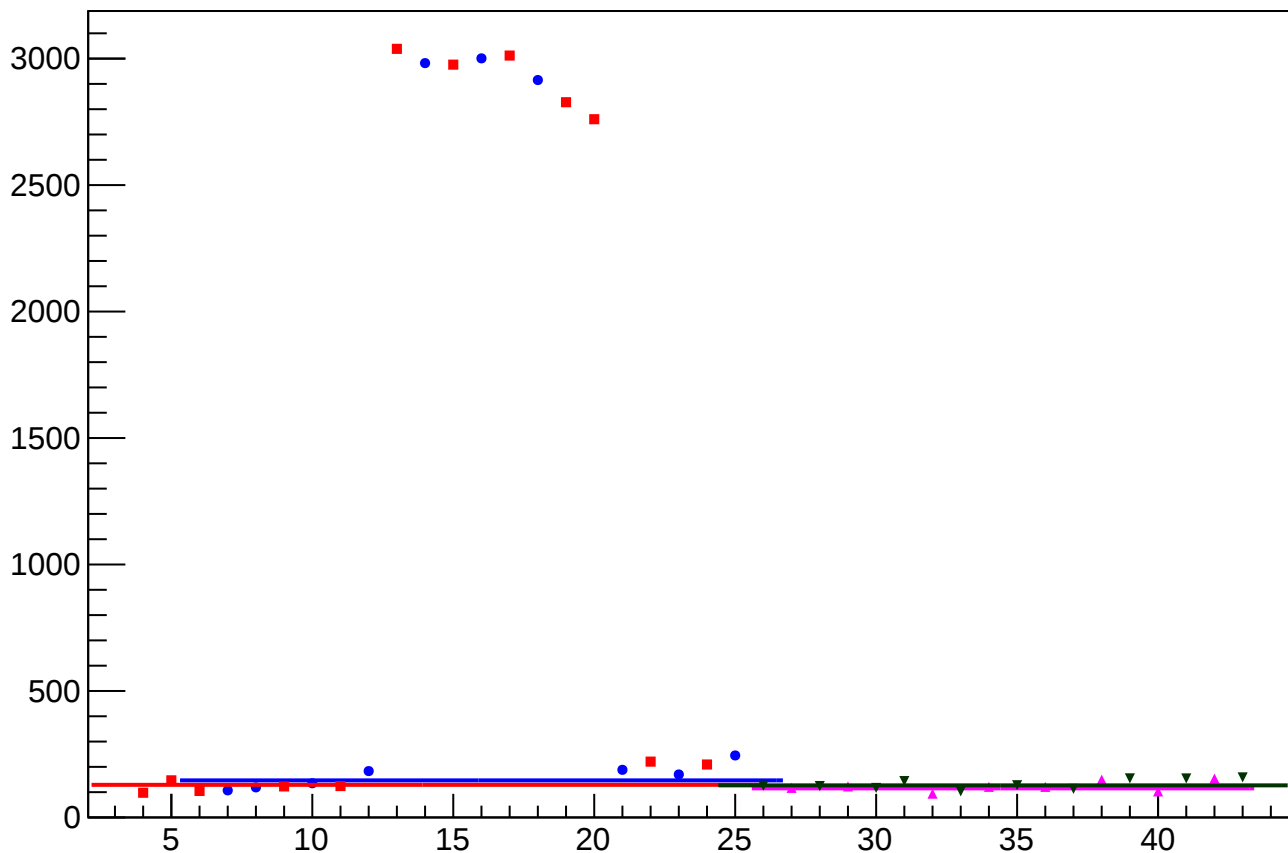
Right Out: 73.751 ± 68.100 $\chi^2/\text{NDF}: 0.8/11$

Left In: 6.477 ± 51.940 $\chi^2/\text{NDF}: 0.4/7$

41.729 ± 44.248 $\chi^2/\text{NDF}: 10.6/19$

31.218 ± 41.299 $\chi^2/\text{NDF}: 1.8/19$

asym_bcm_an_us_rms vs slug



Right In: 146.572+/-0.052 χ^2/NDF : 4679005.5/9

Left Out: 126.861+/-0.039 χ^2/NDF :201202.8/9

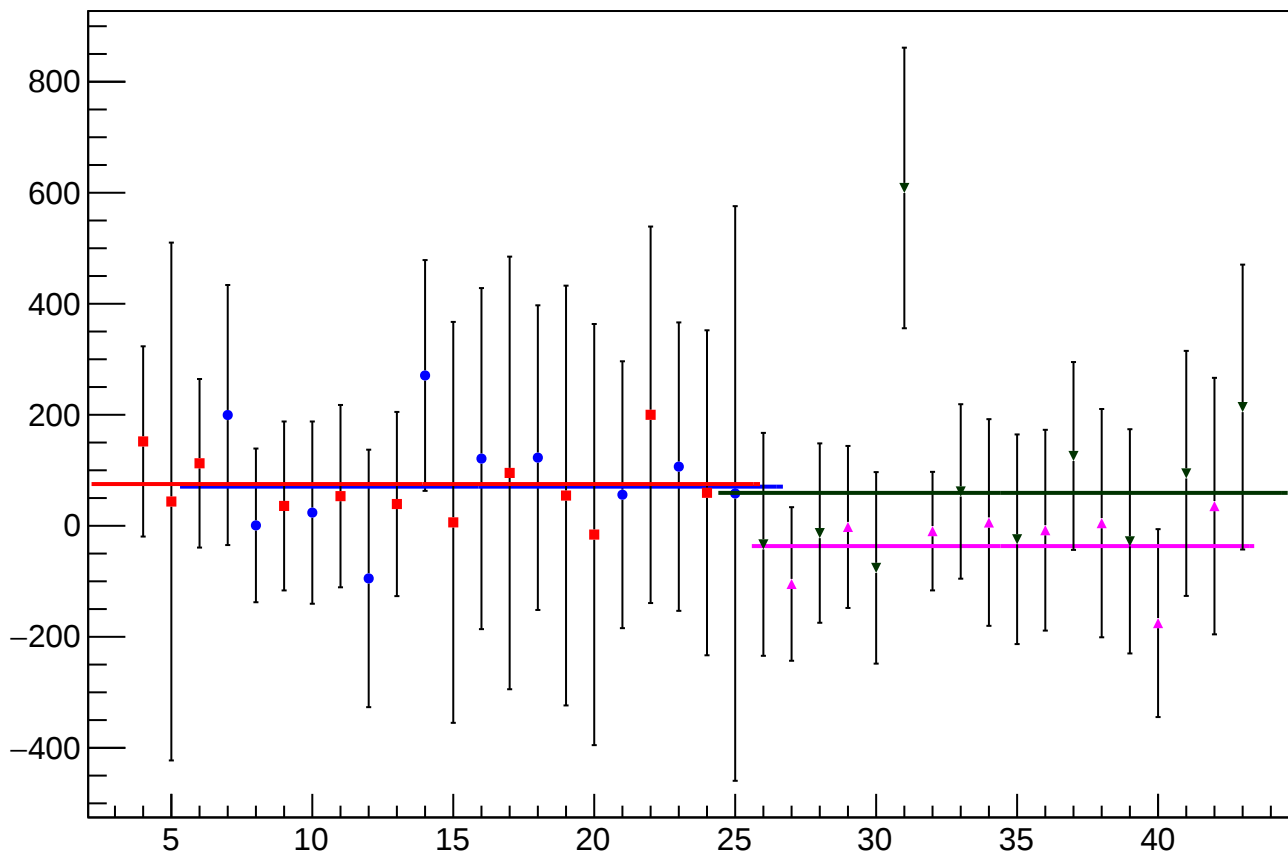
Right Out: 128.952+/-0.048 χ^2/NDF : 5549811.0/11

Left In: 114.986+/-0.037 χ^2/NDF :232243.7/7

134.110+/-0.031 χ^2/NDF : 4972489.6/19

120.123+/-0.029 χ^2/NDF : 5835230.9/19

asym_bcm_dg_us_mean vs slug



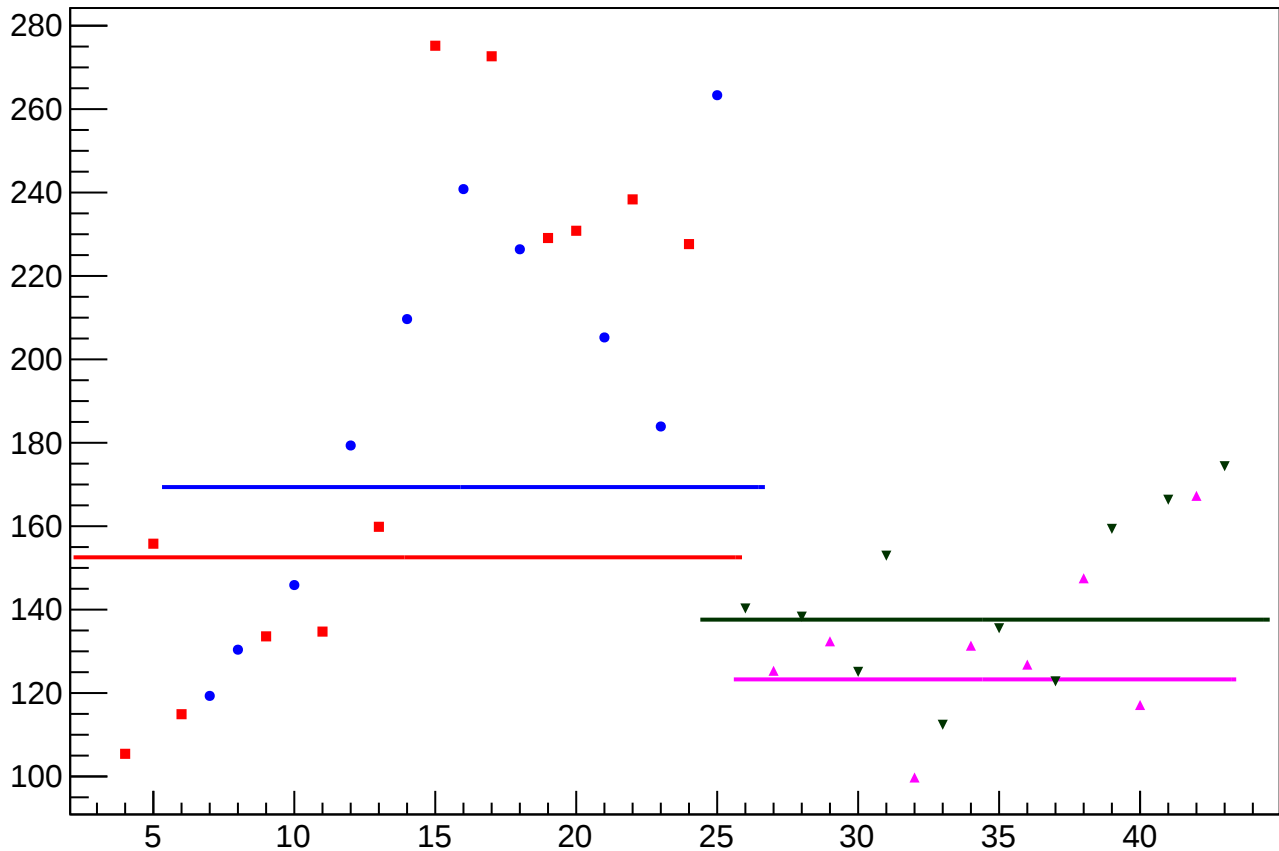
Right In: 70.544 ± 69.178 $\chi^2/\text{NDF}: 2.2/9$

Left Out: 64.154 ± 45.407 $\chi^2/\text{NDF}: 8.9/19$

Right Out: 75.223 ± 63.607 $\chi^2/\text{NDF}: 0.6/11$

Left In: 11.862 ± 41.857 $\chi^2/\text{NDF}: 3.6/19$

asym_bcm_dg_us_rms vs slug



Right In: 169.383+/-0.049 χ^2/NDF : 680872.4/9

Left Out: 137.600+/-0.043 χ^2/NDF : 183507.0/9

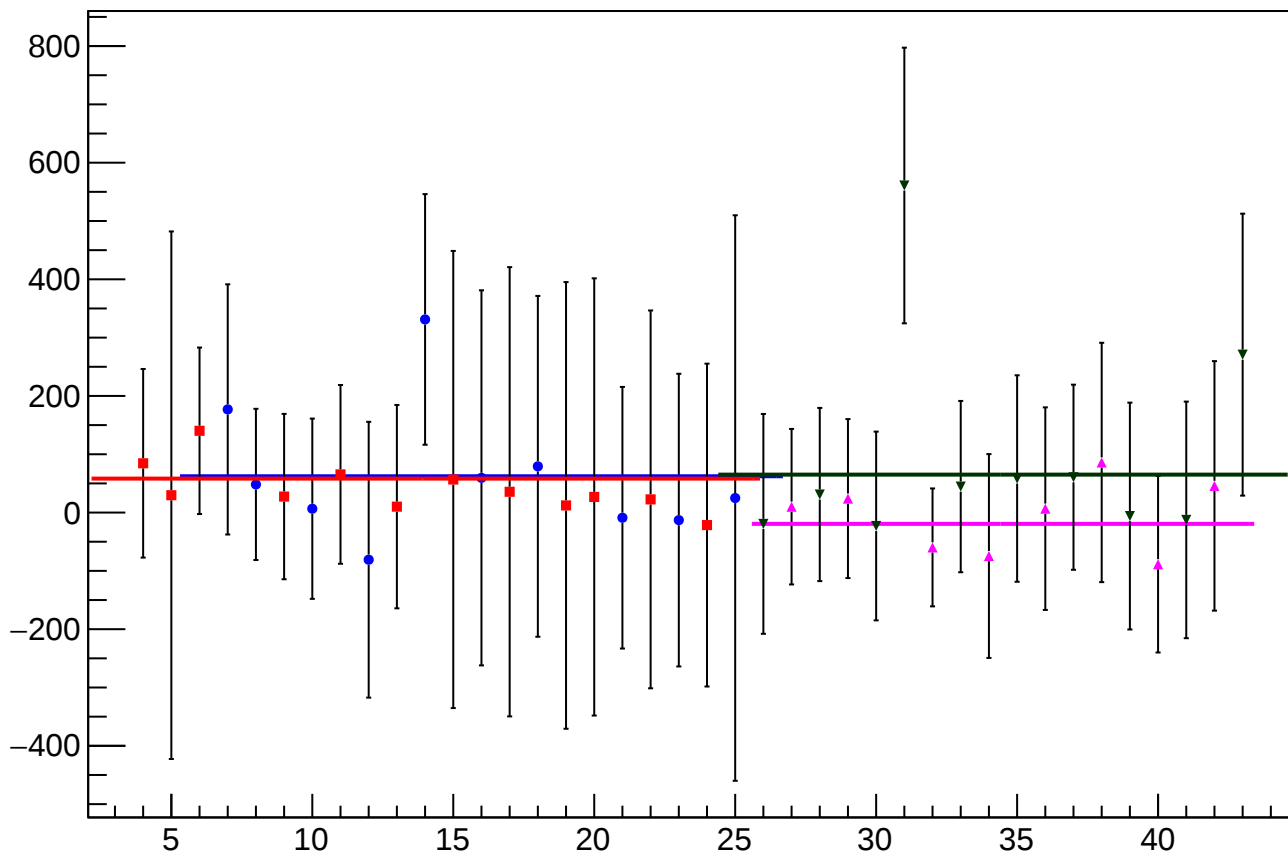
151.293+/-0.032 χ^2/NDF : 1104648.5/19

Right Out: 152.541+/-0.045 χ^2/NDF : 1180030.6/11

135.947+/-0.030 χ^2/NDF : 1632936.0/19

Left In: 123.272+/-0.039 χ^2/NDF : 212808.7/7

asym_bcm_dg_ds_mean vs slug



Right In: 62.253+/-66.815 χ^2/NDF : 2.6/9

Left Out: 65.067+/-56.313 χ^2/NDF : 6.0/9

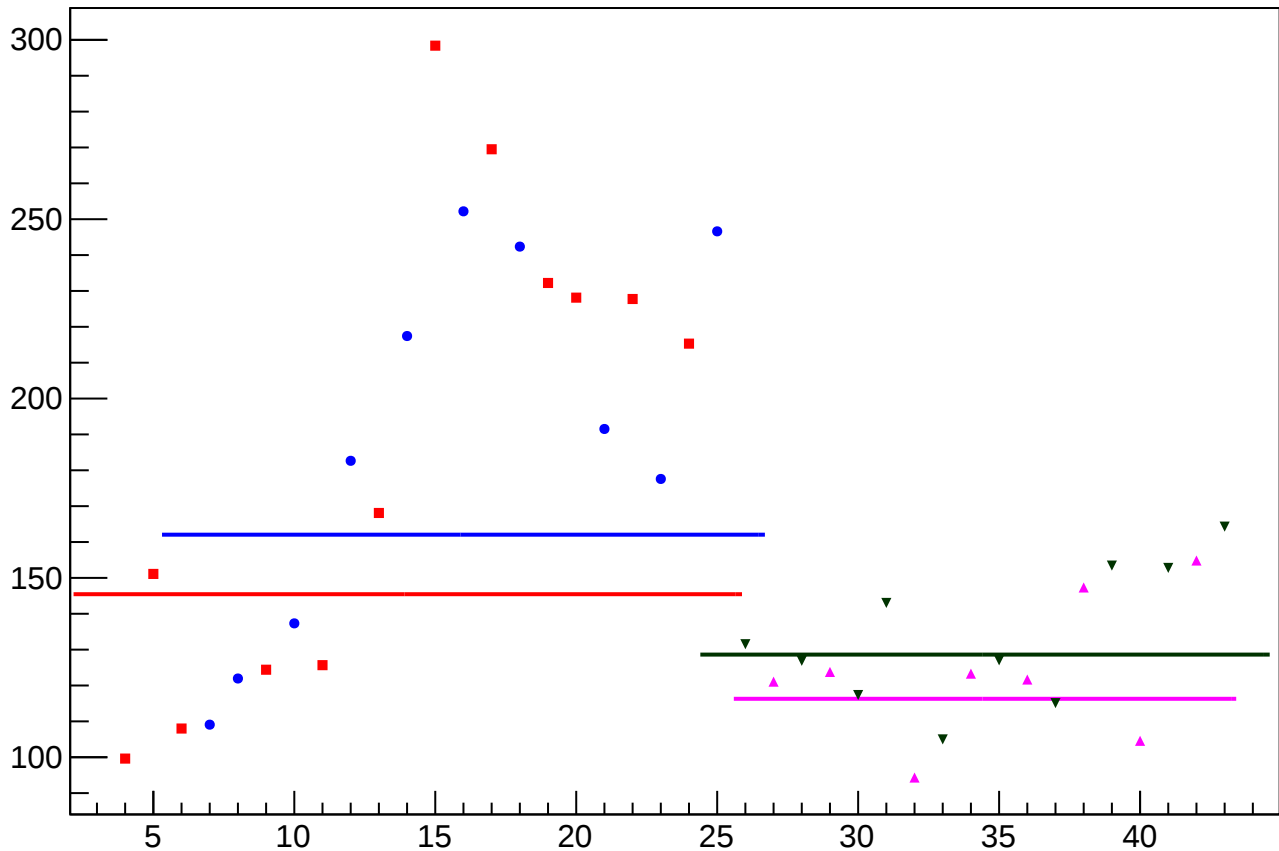
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

Left In: -19.360+/-52.491 χ^2/NDF : 1.0/7

63.898+/-43.059 χ^2/NDF : 8.5/19

13.544+/-39.840 χ^2/NDF : 2.5/19

asym_bcm_dg_ds_rms vs slug



Right In: 162.048+/-0.047 χ^2/NDF : 923631.2/9

Left Out: 128.616+/-0.040 χ^2/NDF : 188850.5/9

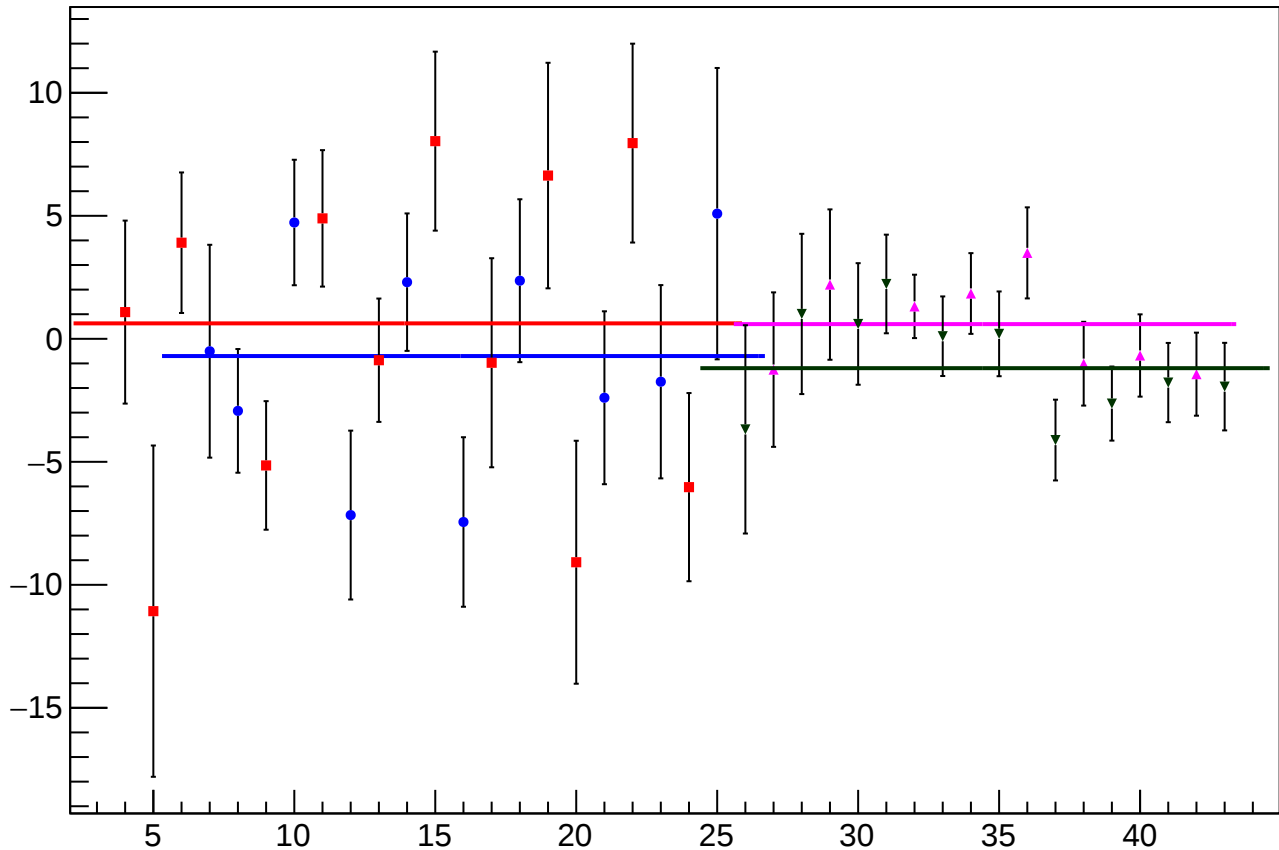
142.501+/-0.030 χ^2/NDF : 1405240.4/19

Right Out: 145.454+/-0.043 χ^2/NDF : 1377812.6/11

128.656+/-0.028 χ^2/NDF : 1870187.2/19

Left In: 116.292+/-0.037 χ^2/NDF : 230677.3/7

asym_cav4bQ_mean vs slug



Right In: -0.701 ± 1.038 $\chi^2/\text{NDF}: 16.0/9$

Left Out: -1.193 ± 0.598 $\chi^2/\text{NDF}: 9.9/9$

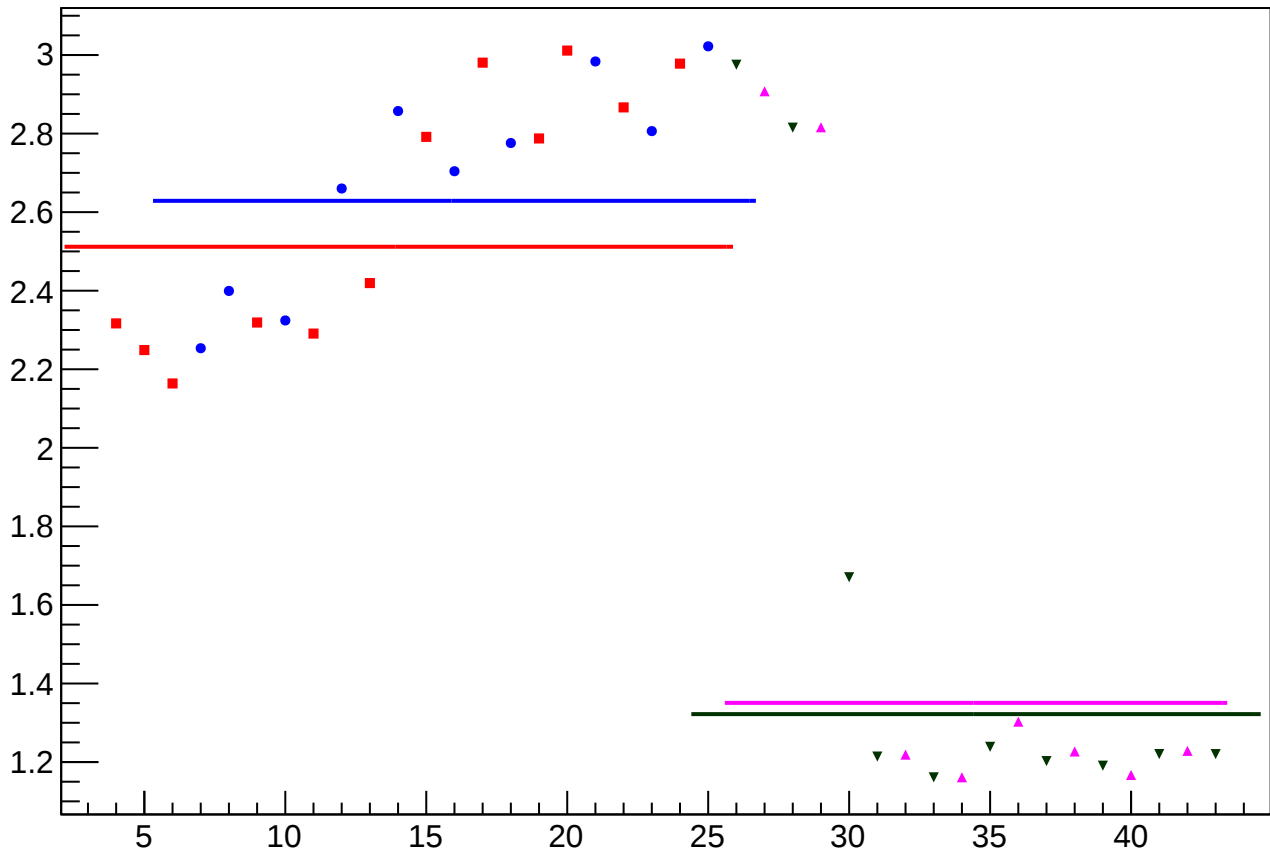
Right Out: 0.628 ± 0.999 $\chi^2/\text{NDF}: 28.1/11$

Left In: 0.598 ± 0.629 $\chi^2/\text{NDF}: 6.9/7$

-1.070 ± 0.518 $\chi^2/\text{NDF}: 26.1/19$

0.606 ± 0.532 $\chi^2/\text{NDF}: 35.0/19$

asym_cav4bQ_rms vs slug



Right In: 2.629 $\pm$ 0.001 χ^2 /NDF: 111982.4/9

Left Out: 1.322 $\pm$ 0.000 χ^2 /NDF: 835682.2/9

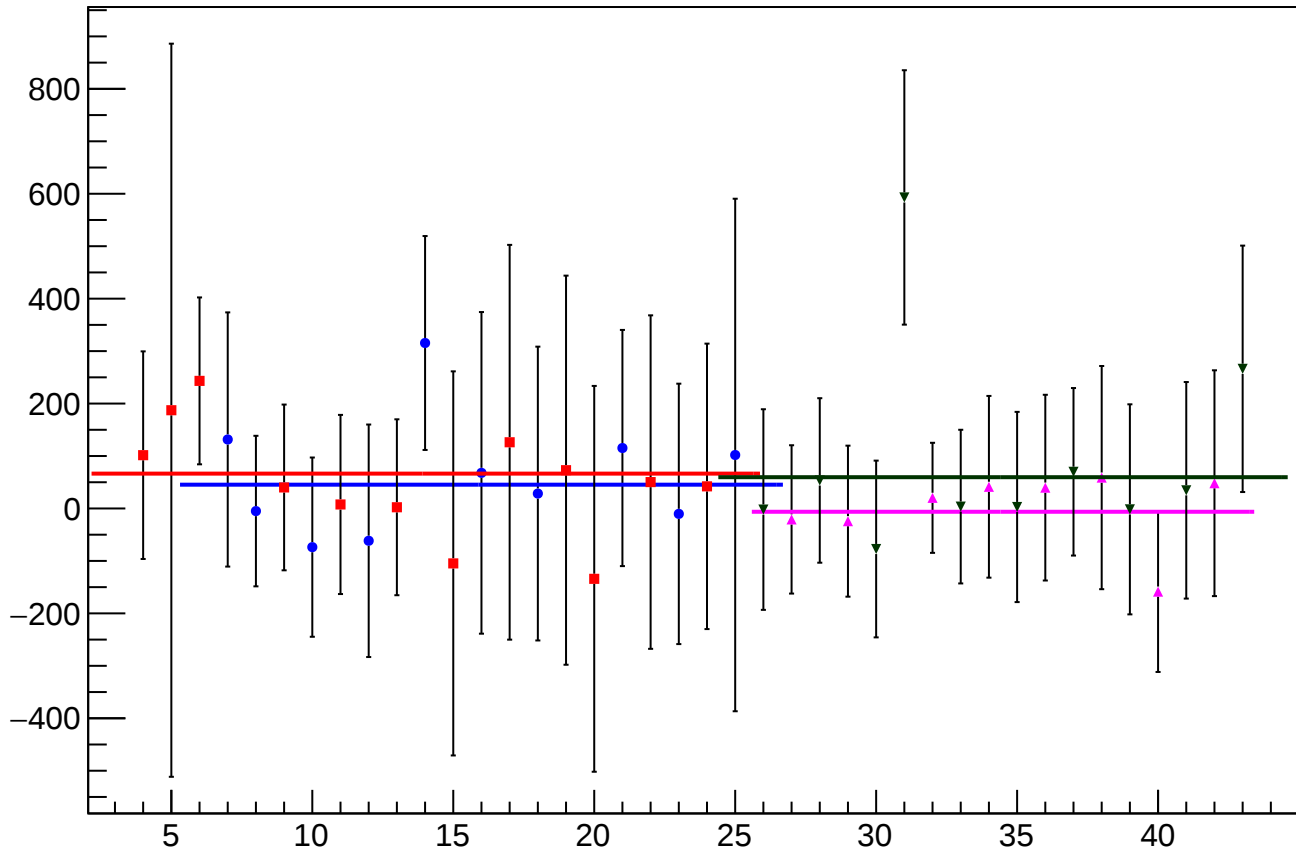
1.648 $\pm$ 0.000 χ^2 /NDF: 3327332.6/19

Right Out: 2.512 $\pm$ 0.001 χ^2 /NDF: 173540.5/11

1.680 $\pm$ 0.000 χ^2 /NDF: 3153669.1/19

Left In: 1.351 $\pm$ 0.000 χ^2 /NDF: 1045600.1/7

asym_cav4cQ_mean vs slug



Right In: 45.350 ± 69.374 χ^2/NDF : 2.9/9

Left Out: 59.618 ± 57.448 χ^2/NDF : 6.7/9

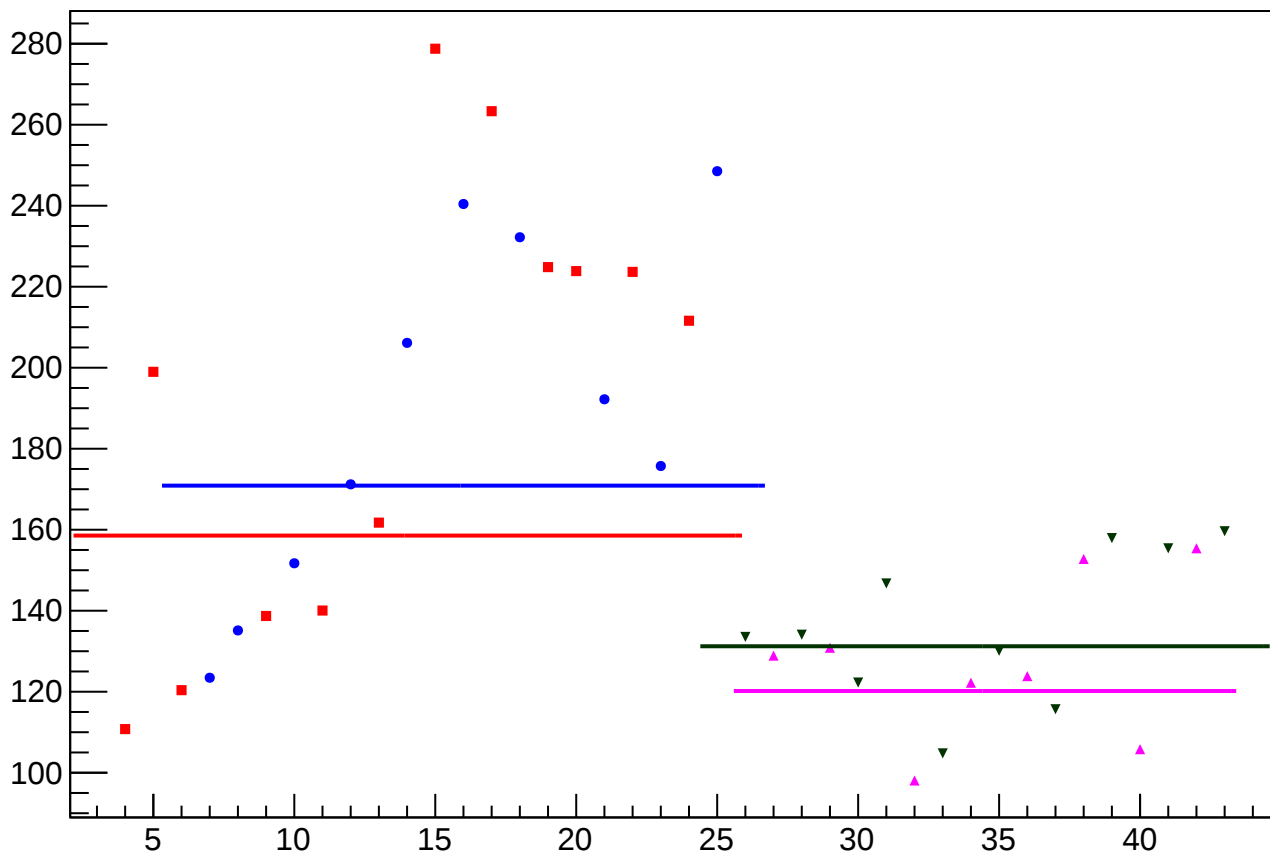
53.814 ± 44.247 χ^2/NDF : 9.7/19

Right Out: 66.444 ± 65.999 χ^2/NDF : 2.1/11

22.996 ± 41.878 χ^2/NDF : 4.2/19

Left In: -6.287 ± 54.182 χ^2/NDF : 1.4/7

asym_cav4cQ_rms vs slug



Right In: 170.886+/-0.049 χ^2/NDF : 553736.6/9

Left Out: 131.224+/-0.041 χ^2/NDF :191308.6/9

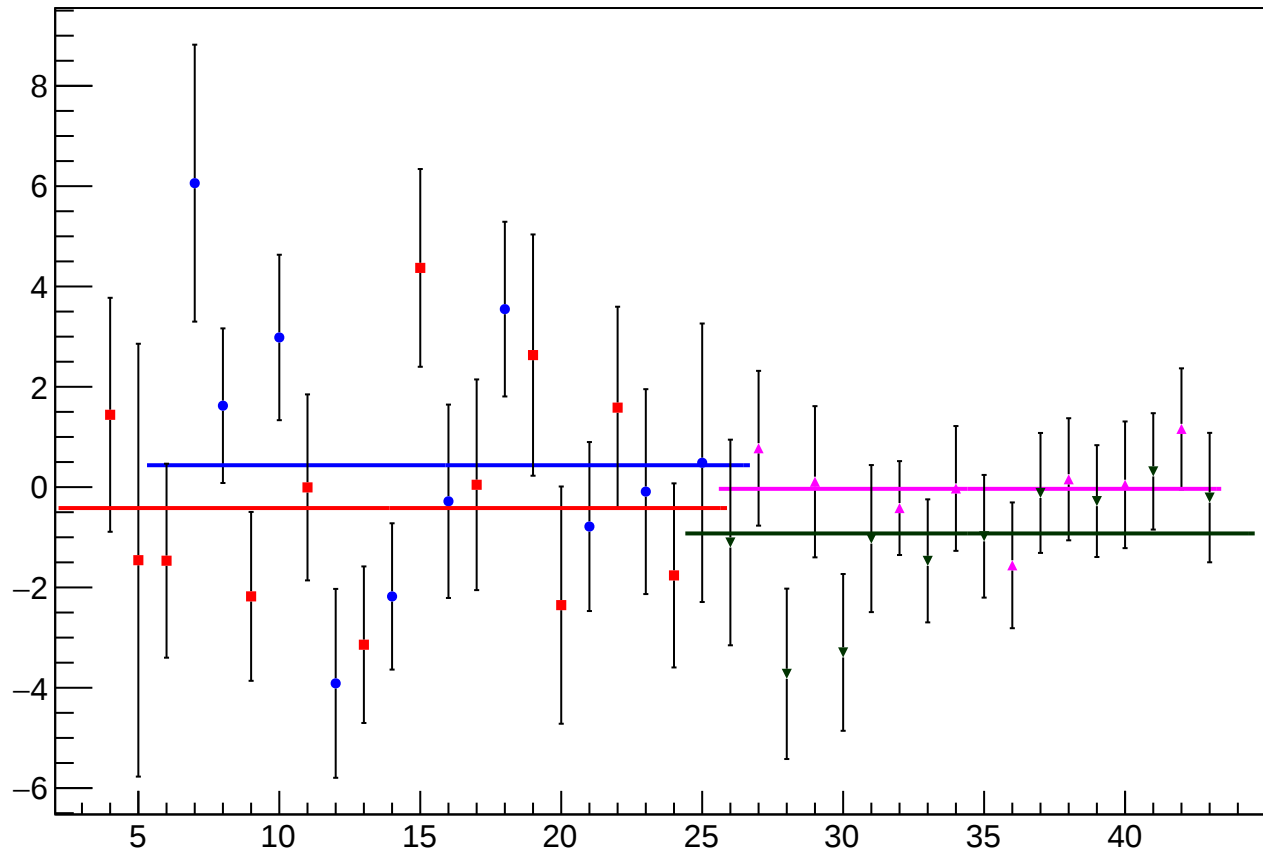
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 120.175+/-0.038 χ^2/NDF :226706.6/7

147.358+/-0.031 χ^2/NDF : 1132833.0/19

135.628+/-0.030 χ^2/NDF : 1582444.9/19

asym_cav4dQ_mean vs slug



Right In: 0.437 $\pm$ 0.578 χ^2/NDF : 19.6/9

-0.452 $\pm$ 0.340 χ^2/NDF : 30.7/19

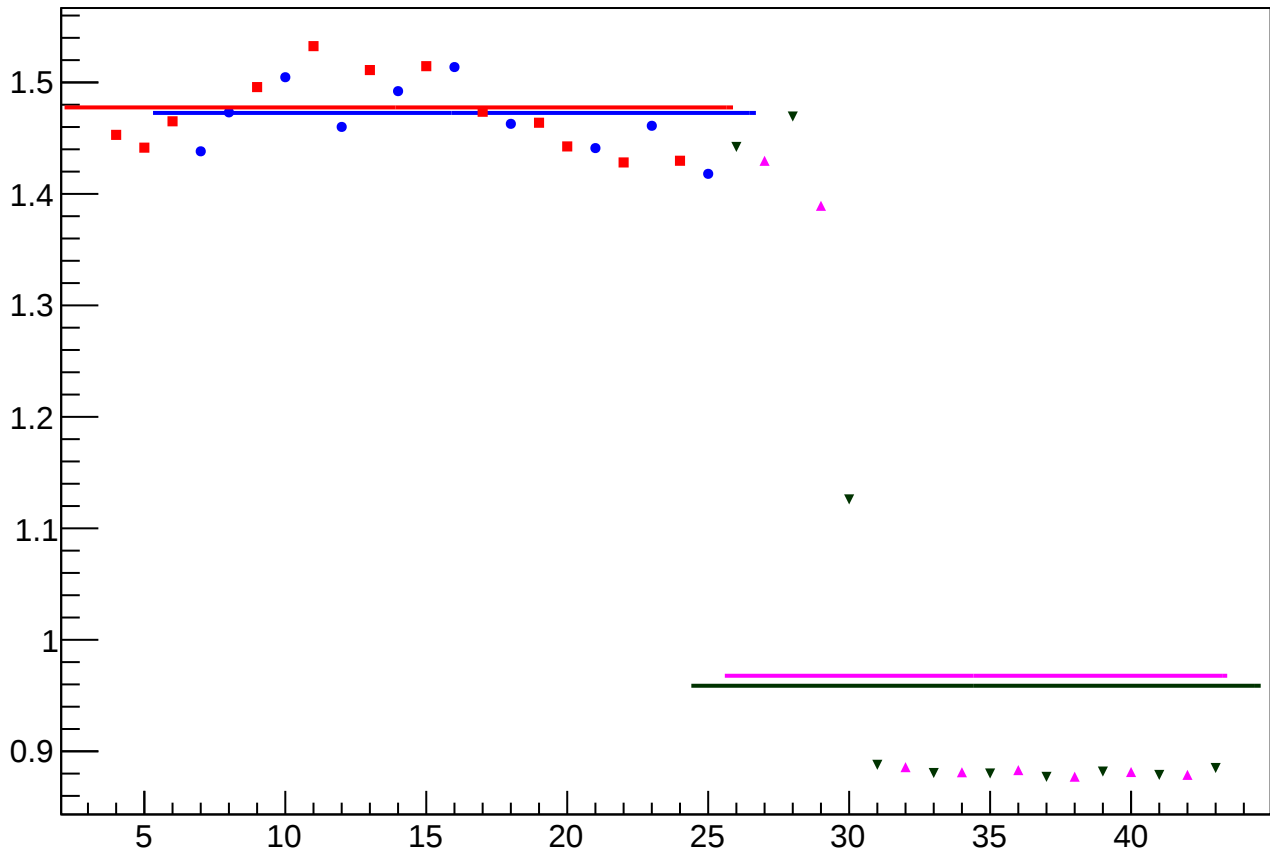
Left Out: -0.924 $\pm$ 0.421 χ^2/NDF : 7.5/9

Right Out: -0.417 $\pm$ 0.583 χ^2/NDF : 14.9/11

-0.171 $\pm$ 0.349 χ^2/NDF : 18.1/19

Left In: -0.034 $\pm$ 0.436 χ^2/NDF : 2.9/7

asym_cav4dQ_rms vs slug



Right In: 1.473+/-0.000 χ^2/NDF : 4027.5/9

Left Out: 0.959+/-0.000 χ^2/NDF : 370902.6/9

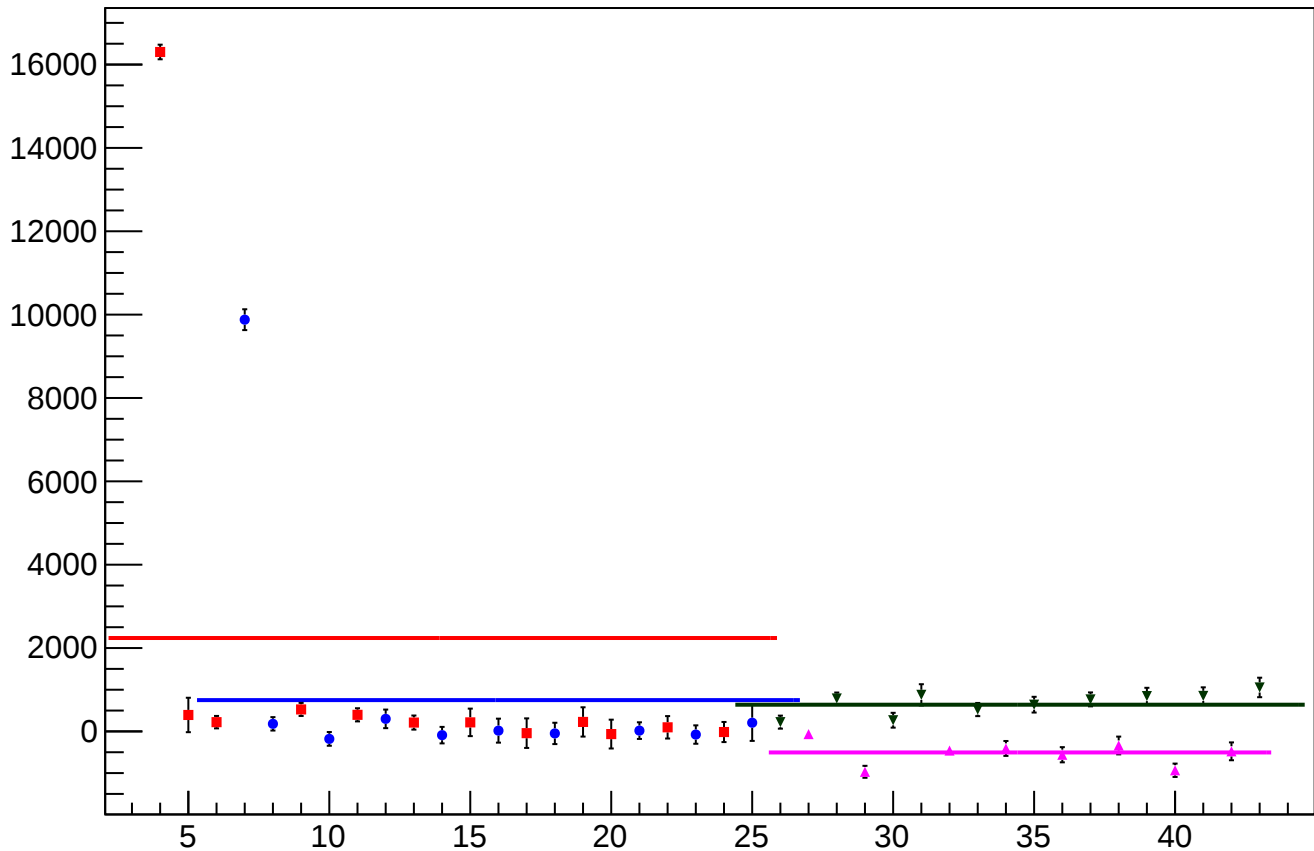
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 0.968+/-0.000 χ^2/NDF : 401139.1/7

1.137+/-0.000 χ^2/NDF : 1407513.4/19

1.150+/-0.000 χ^2/NDF : 1389283.3/19

asym_bcm0l02_mean vs slug



Right In: 750.803 $\pm$ 68.130 χ^2/NDF : 1445.6/9

Left Out: 640.376 $\pm$ 56.927 χ^2/NDF : 19.9/9

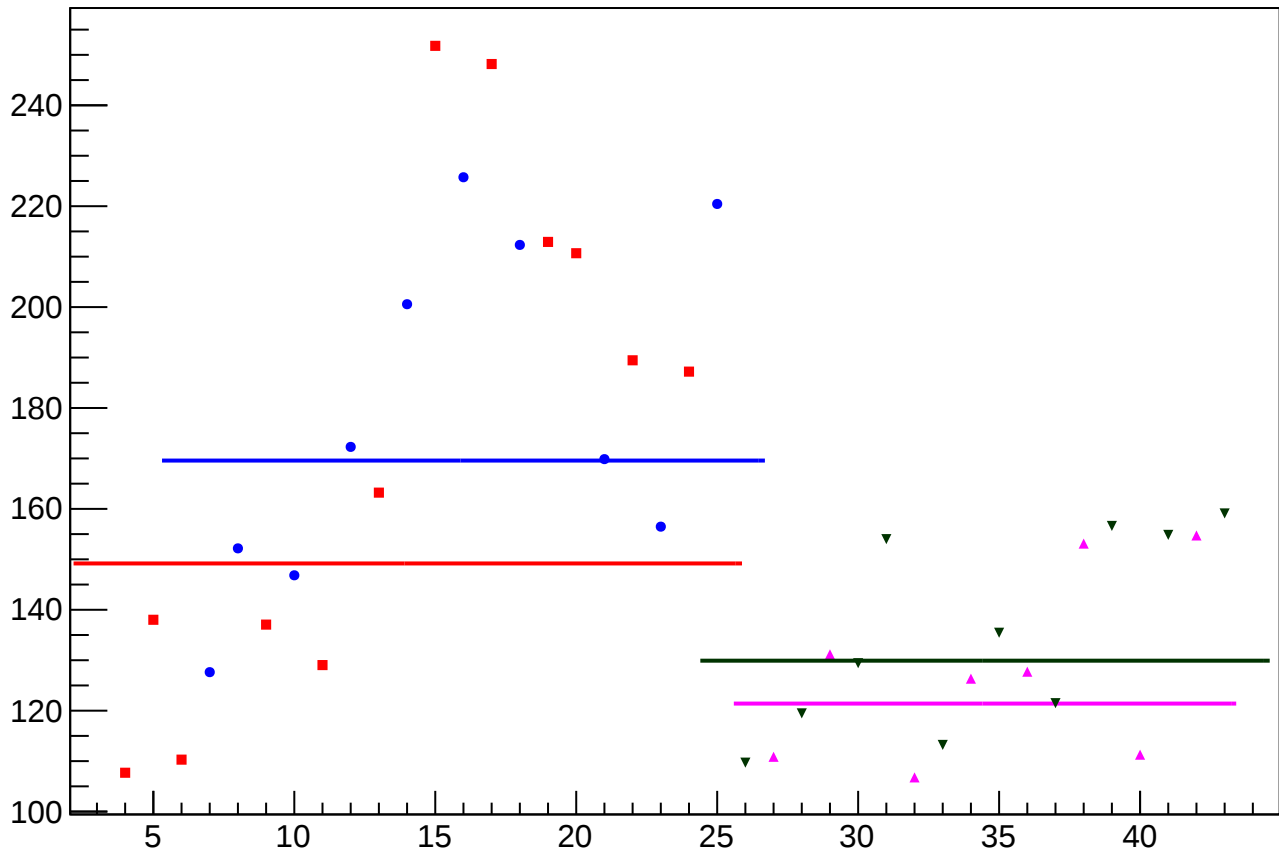
685.776 $\pm$ 43.684 χ^2/NDF : 1467.0/19

Right Out: 2240.760 $\pm$ 61.598 χ^2/NDF : 7330.5/11

Left In: -505.086 $\pm$ 54.442 χ^2/NDF : 31.9/7

699.146 $\pm$ 40.793 χ^2/NDF : 8477.9/19

asym_bcm0l02_rms vs slug



Right In: 169.579+/-0.048 χ^2/NDF : 333569.7/9

Left Out: 129.911+/-0.040 χ^2/NDF :188039.4/9

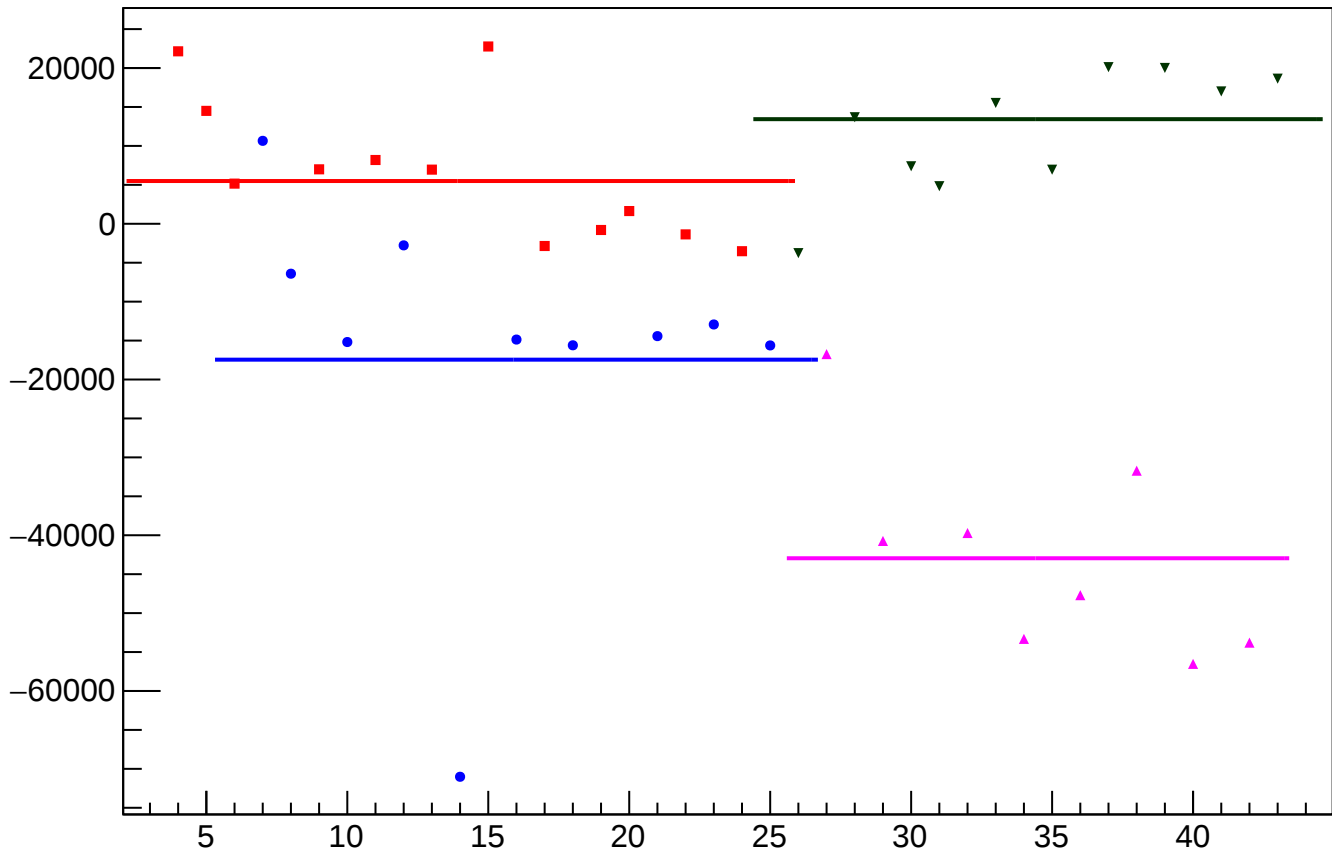
146.219+/-0.031 χ^2/NDF : 920868.5/19

Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

133.589+/-0.029 χ^2/NDF : 1270047.7/19

Left In: 121.407+/-0.038 χ^2/NDF :161882.9/7

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 13435.021+/-42.371 χ^2/NDF : 28229.6/9

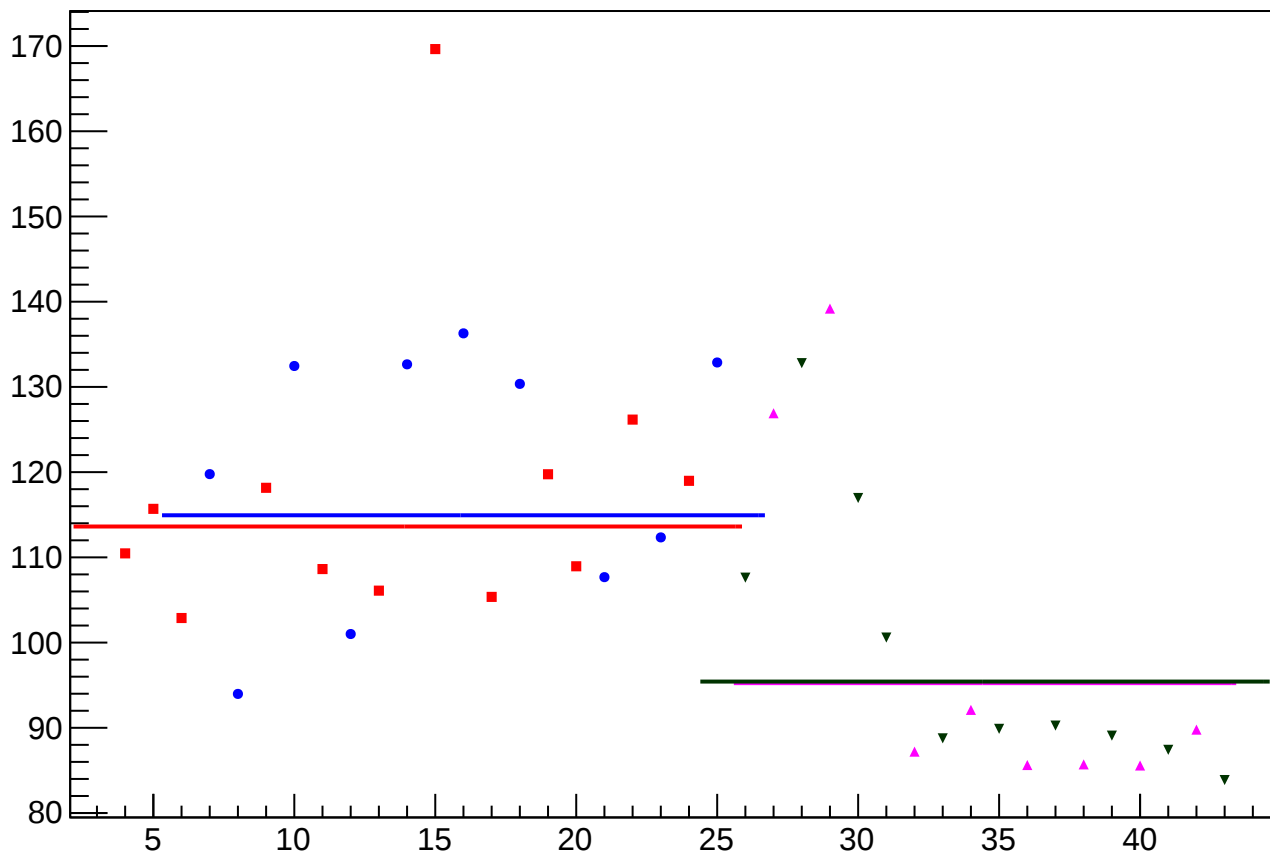
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -42955.121+/-43.681 χ^2/NDF : 70524.7/7

-489.815+/-31.399 χ^2/NDF : 471115.6/19

-20178.649+/-31.796 χ^2/NDF : 673477.6/19

asym_bpm2i01WS_rms vs slug



Right In: 114.939+/-0.033 χ^2/NDF : 233540.9/9

Left Out: 95.426+/-0.030 χ^2/NDF :200660.2/9

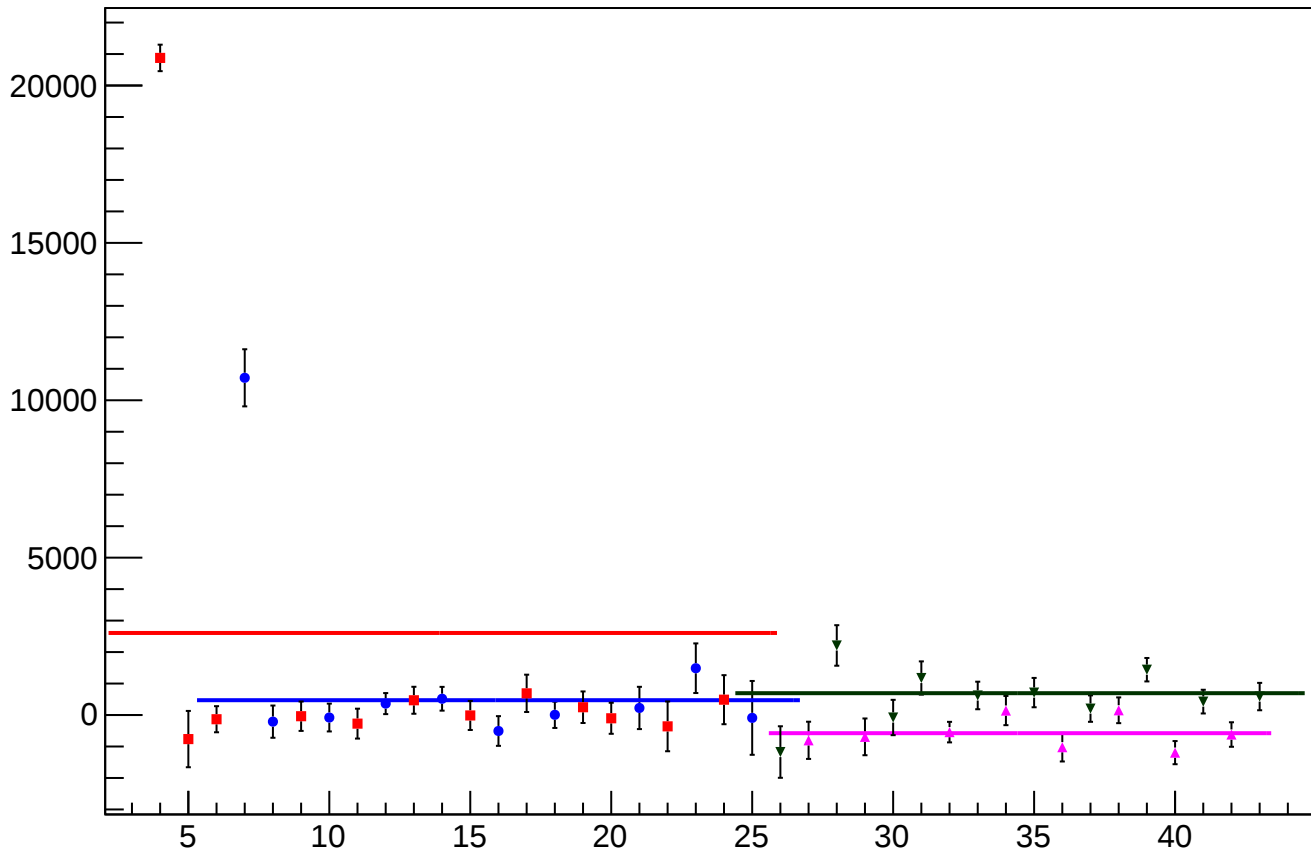
Right Out: 113.621+/-0.033 χ^2/NDF : 162658.1/11

Left In: 95.241+/-0.031 χ^2/NDF :313340.7/7

104.223+/-0.022 χ^2/NDF : 625440.6/19

103.882+/-0.022 χ^2/NDF : 642475.5/19

asym_bpm0i07WS_mean vs slug



Right In: 470.960 $\pm$ 156.387 χ^2 /NDF: 138.4/9

Left Out: 693.815 $\pm$ 147.932 χ^2 /NDF: 19.5/9

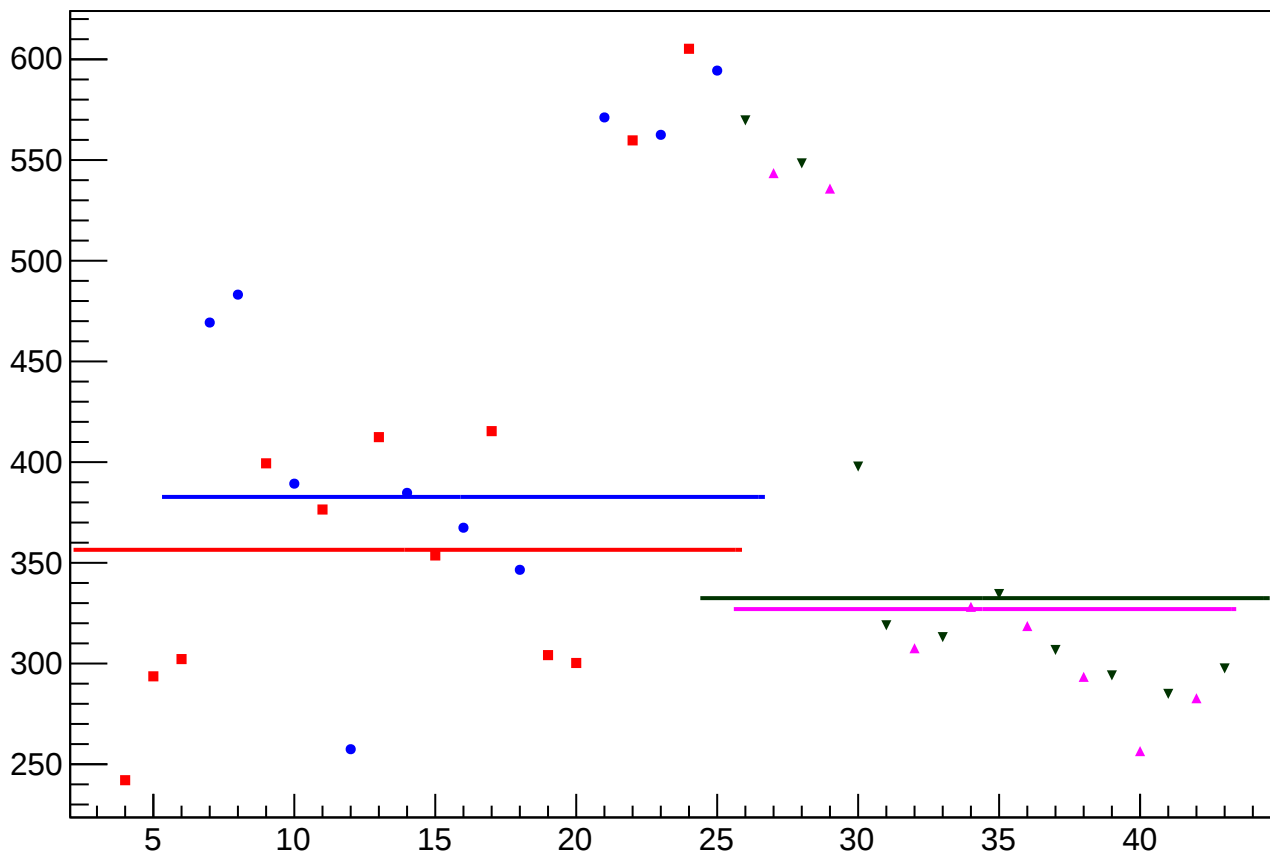
588.574 $\pm$ 107.469 χ^2 /NDF: 159.0/19

Right Out: 2606.972 $\pm$ 147.343 χ^2 /NDF: 2154.3/11

1039.847 $\pm$ 104.995 χ^2 /NDF: 2393.6/19

Left In: -576.877 $\pm$ 149.656 χ^2 /NDF: 9.6/7

asym_bpm0i07WS_rms vs slug



Right In: 382.730 $\pm$ 0.111 χ^2 /NDF: 720132.6/9

Left Out: 332.466 $\pm$ 0.105 χ^2 /NDF:498518.7/9

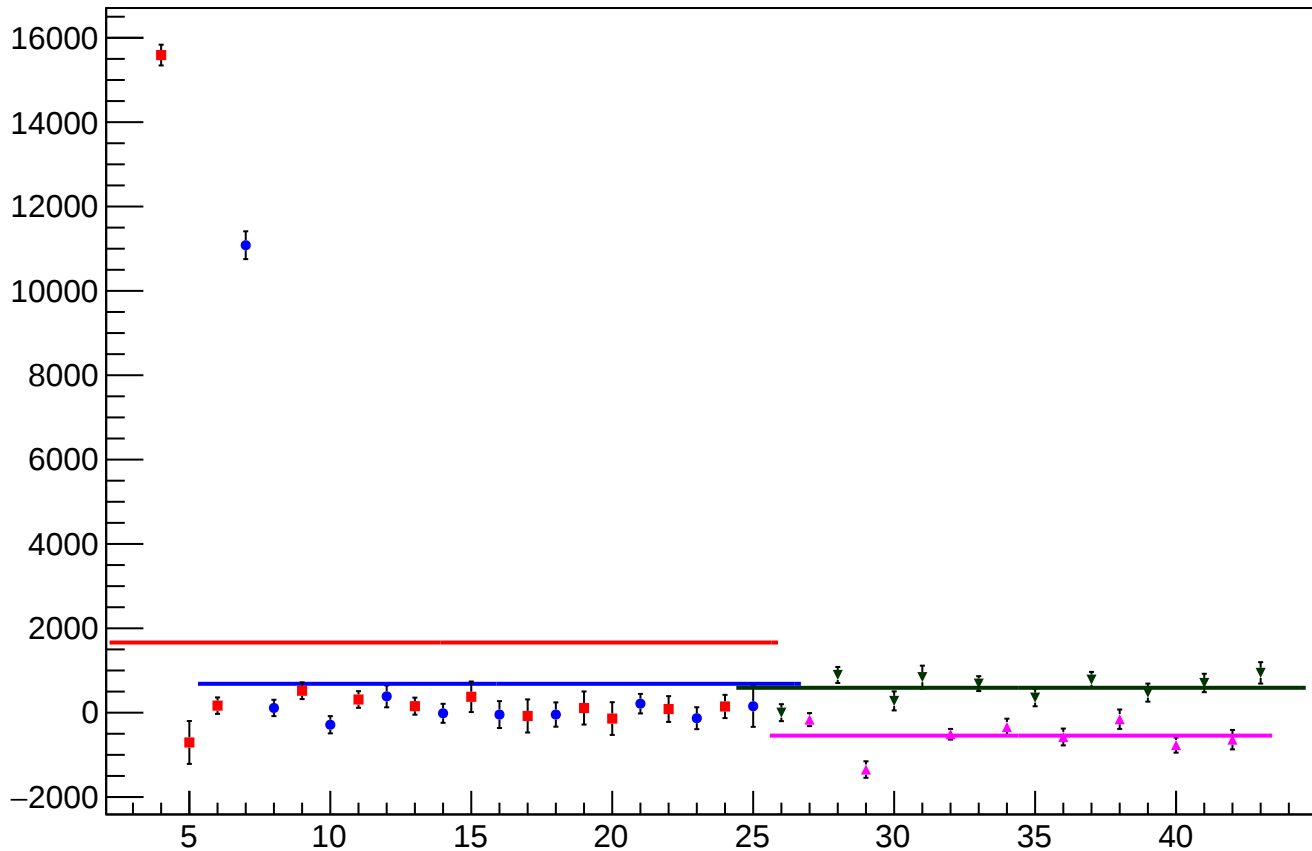
Right Out: 356.465 $\pm$ 0.104 χ^2 /NDF: 650032.0/11

Left In: 327.035 $\pm$ 0.106 χ^2 /NDF:644730.2/7

356.202 $\pm$ 0.076 χ^2 /NDF: 1327688.6/19

341.979 $\pm$ 0.074 χ^2 /NDF: 1334035.3/19

asym_bpm0l01WS_mean vs slug



Right In: 684.597+/-80.654 χ^2/NDF : 1063.9/9

Left Out: 589.690+/-66.057 χ^2/NDF : 19.1/9

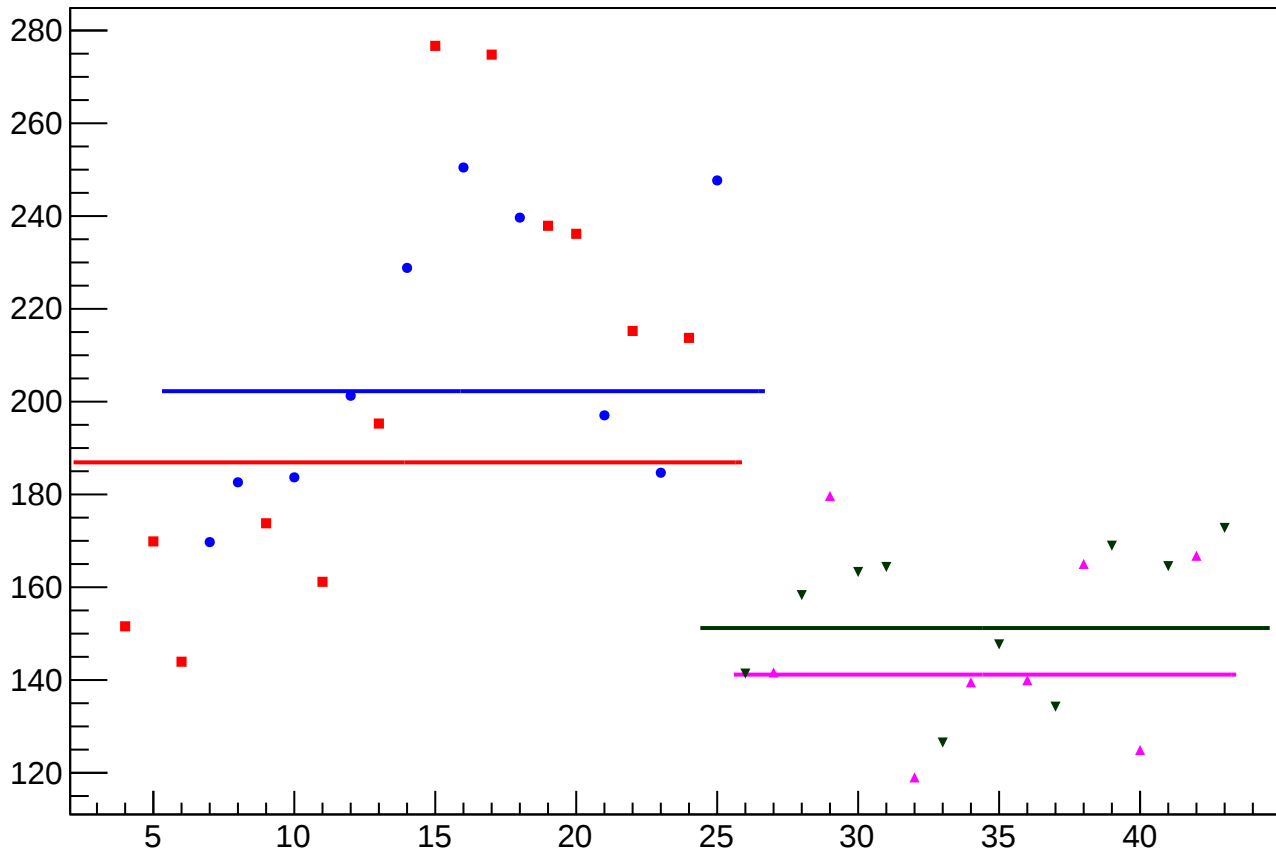
627.793+/-51.105 χ^2/NDF : 1083.9/19

Right Out: 1663.245+/-75.915 χ^2/NDF : 3538.6/11

361.035+/-48.613 χ^2/NDF : 4066.0/19

Left In: -544.144+/-63.293 χ^2/NDF : 28.6/7

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 151.207+/-0.047 χ^2/NDF :110209.2/9

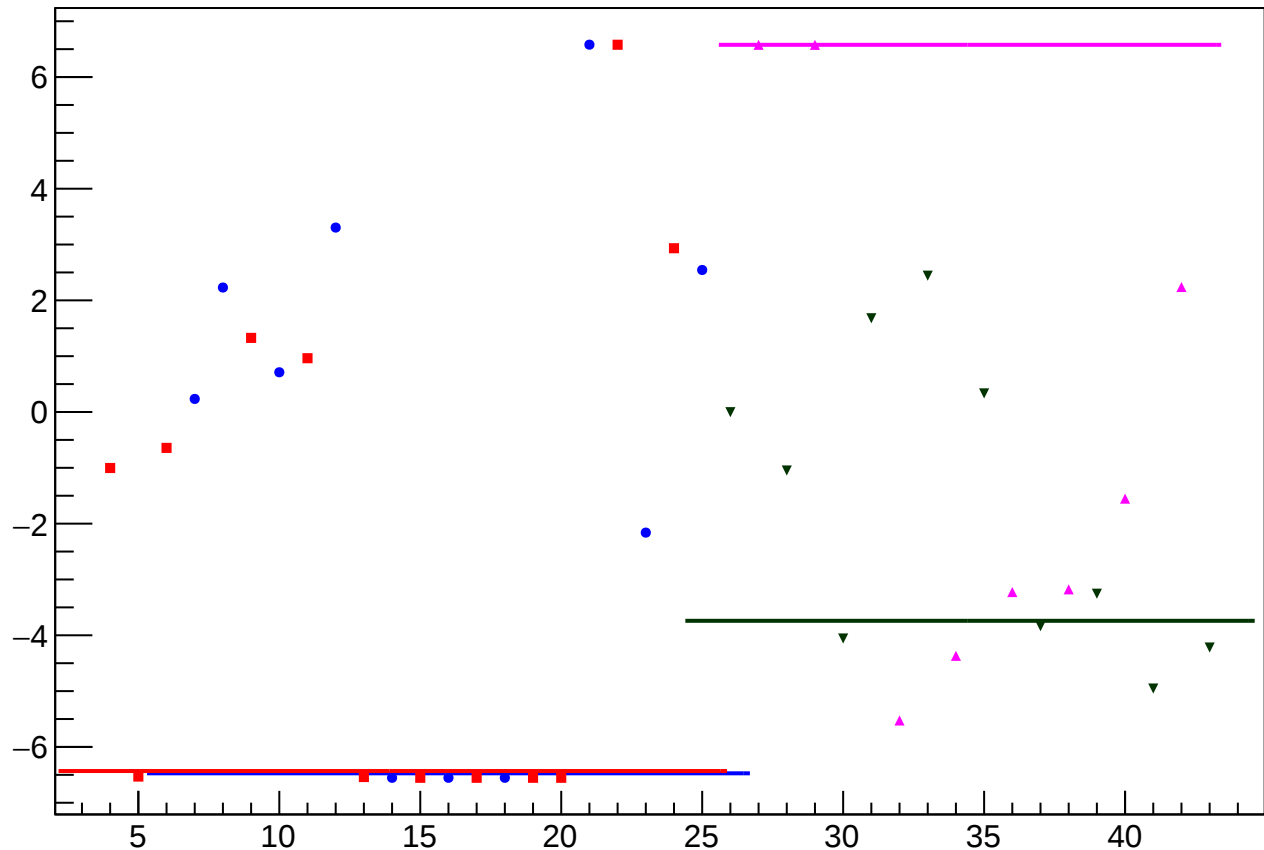
171.702+/-0.036 χ^2/NDF : 780989.1/19

Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

159.929+/-0.034 χ^2/NDF : 1142026.0/19

Left In: 141.172+/-0.045 χ^2/NDF :201380.2/7

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -3.741+/-0.001 χ^2/NDF : 5731885.1/9

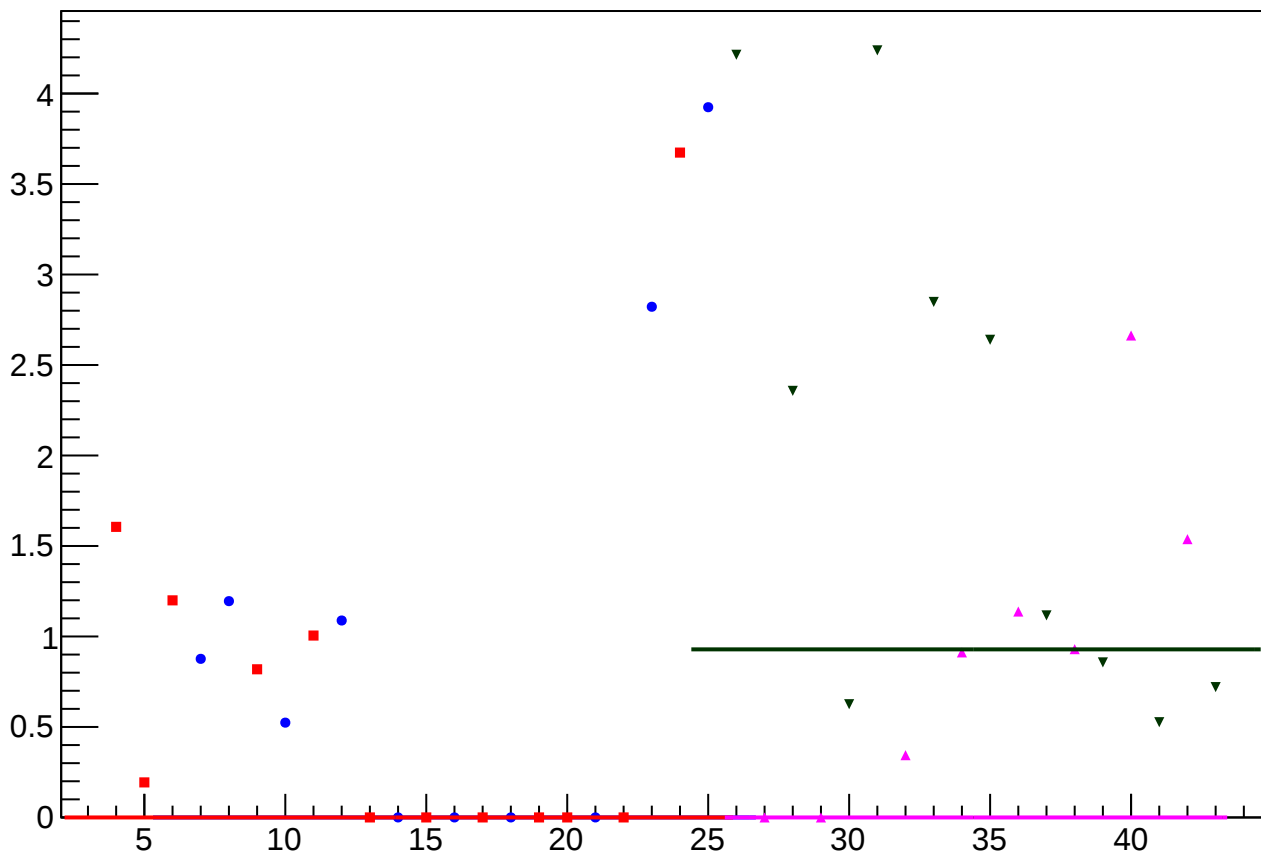
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 470250072.4/7

-6.473+/-0.000 χ^2/NDF : 127847951967704.6/1

-6.315+/-0.000 χ^2/NDF : 297092105892681.7/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 0.929+/-0.000 χ^2/NDF :2482114.1/9

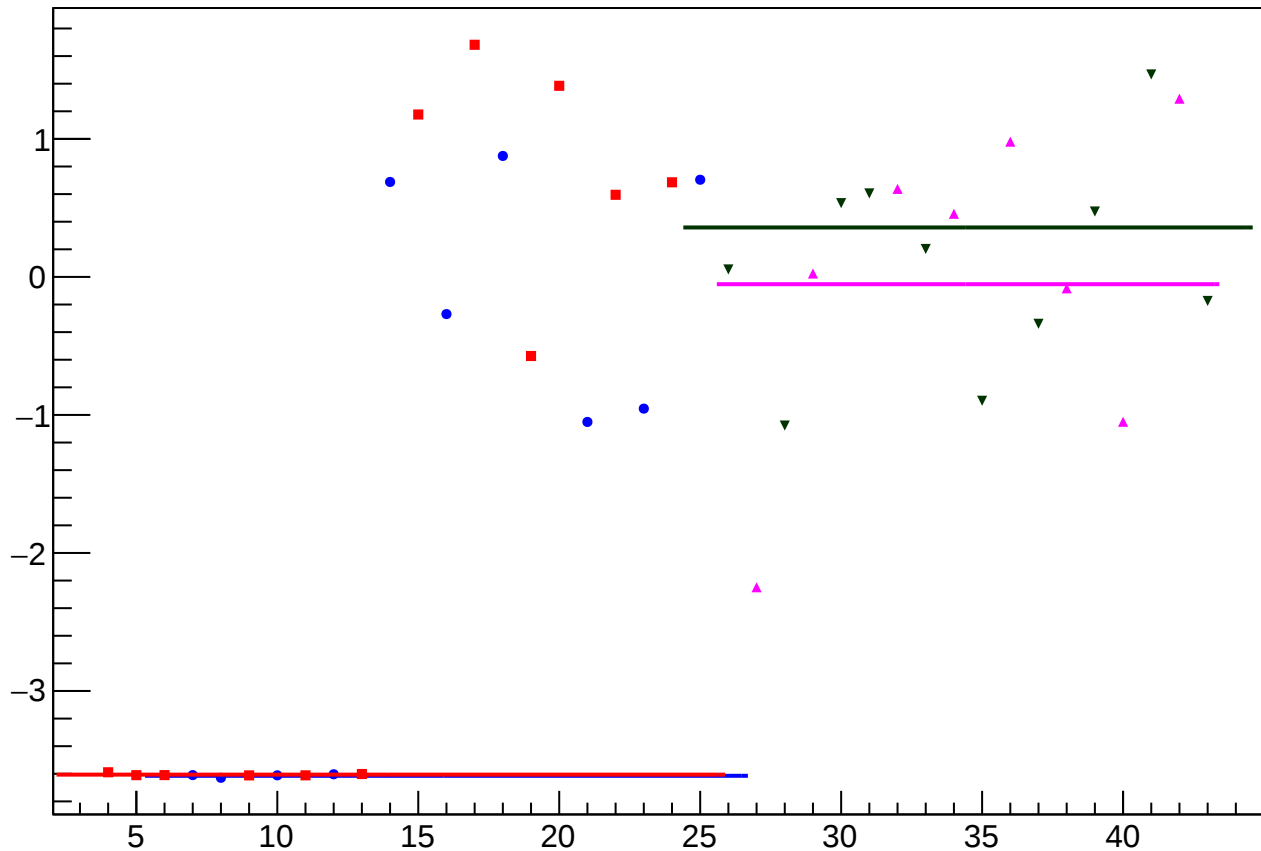
Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

Left In: 0.000+/-0.000 χ^2/NDF :3780526.1/7

0.000+/-0.000 χ^2/NDF : 11056021.0/19

0.000+/-0.000 χ^2/NDF : 7853587.1/19

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

Left Out: 0.358+/-0.000 χ^2/NDF : 6673360.6/9

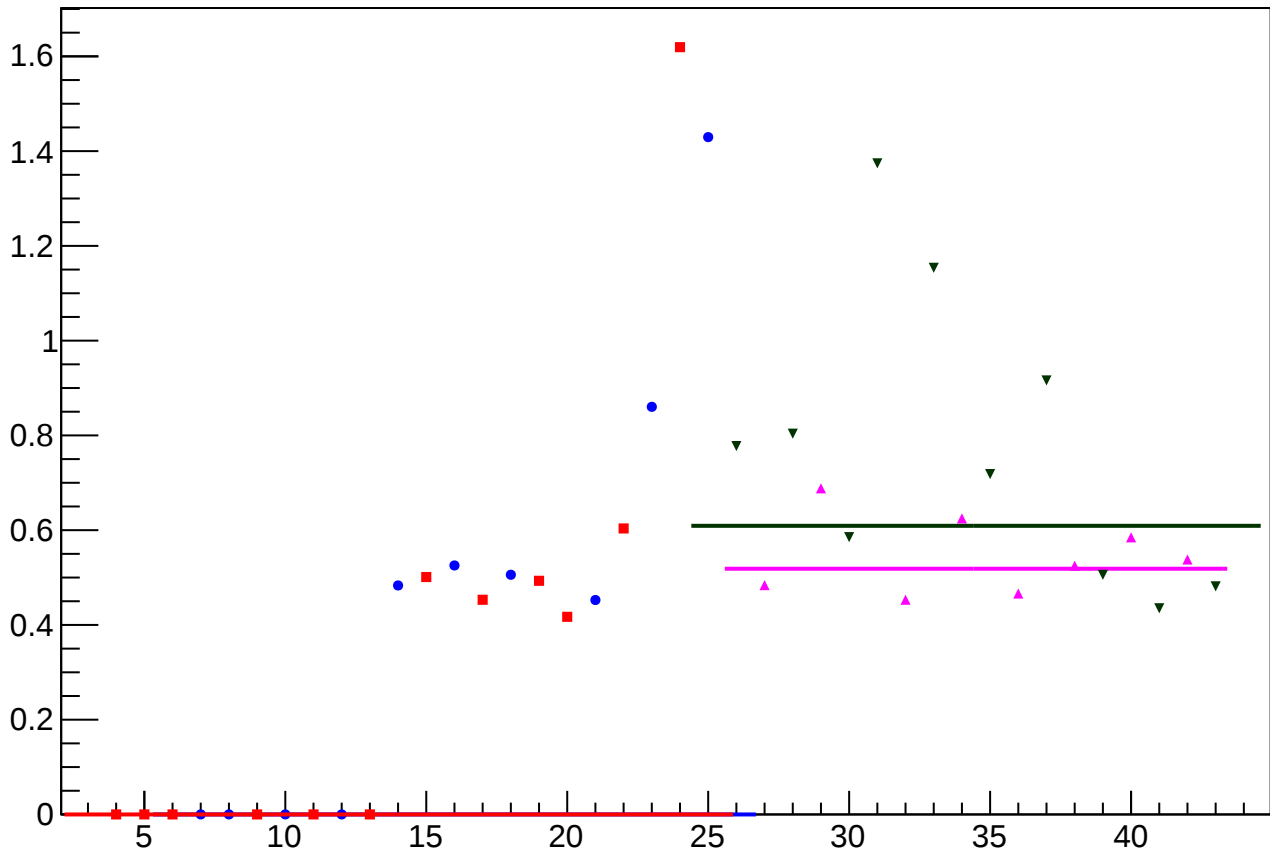
-3.614+/-0.000 χ^2/NDF : 49215868601.9/19

Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

-3.606+/-0.000 χ^2/NDF : 37928206720.5/19

Left In: -0.053+/-0.000 χ^2/NDF : 18254650.1/7

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

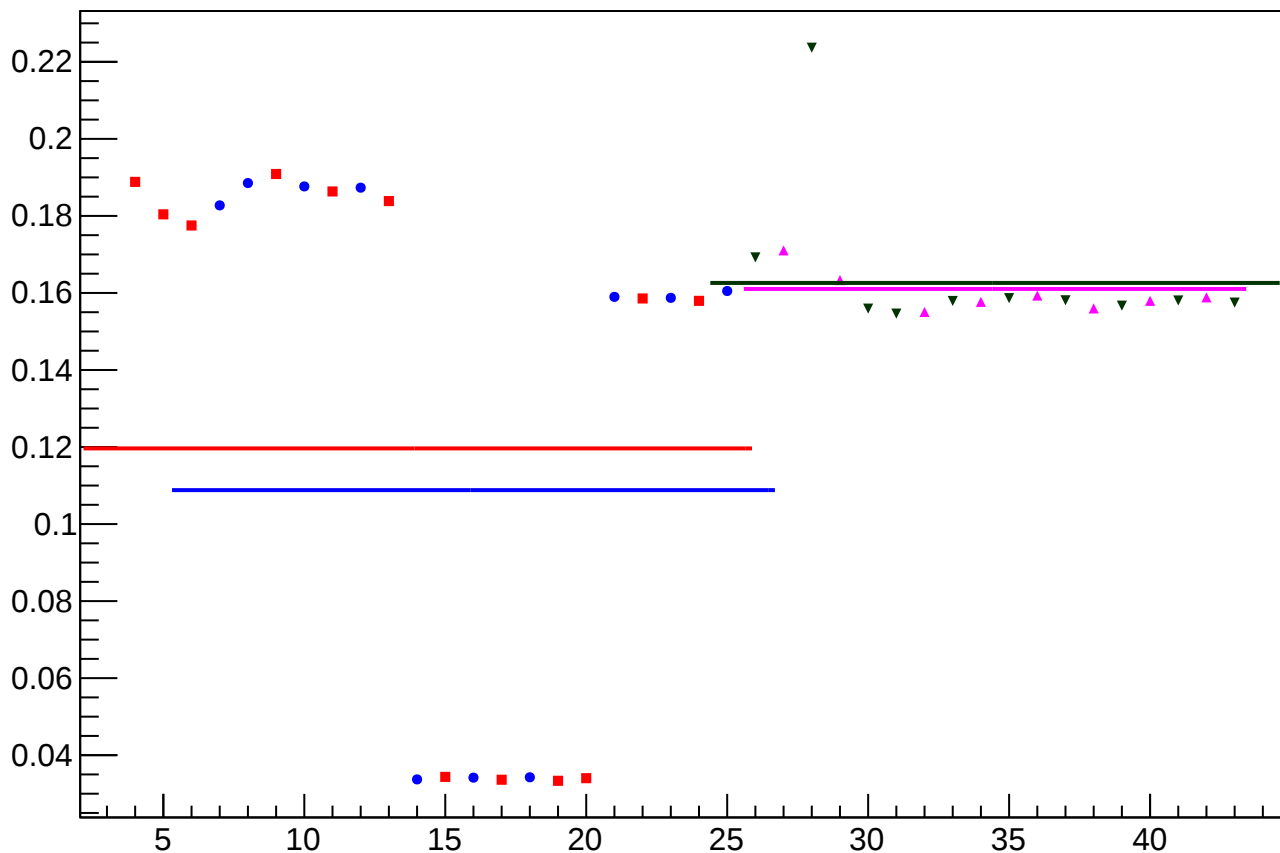
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.519+/-0.000 χ^2/NDF : 131670.1/7

0.000+/-0.000 χ^2/NDF : 13540477.9/19

0.000+/-0.000 χ^2/NDF : 11148983.1/19

yield_cav4cX_mean vs slug



Right In: 0.109 $\pm$ 0.000 χ^2 /NDF: 4567388624.2/9

Left Out: 0.163 $\pm$ 0.000 χ^2 /NDF: 101593637.2/9

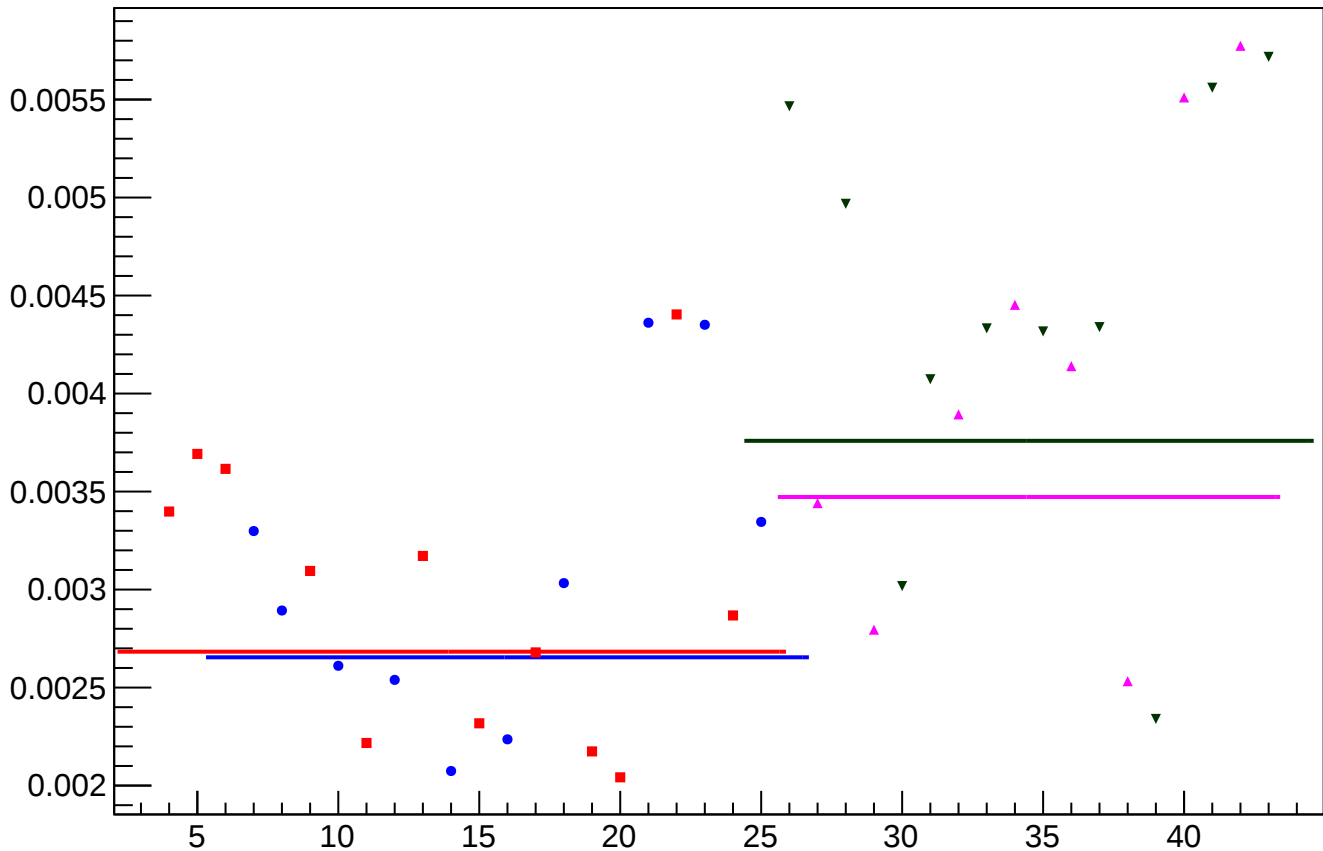
Right Out: 0.120 $\pm$ 0.000 χ^2 /NDF: 4203649870.8/11

Left In: 0.161 $\pm$ 0.000 χ^2 /NDF: 11469824.9/7

0.124 $\pm$ 0.000 χ^2 /NDF: 5343601437.1/19

0.133 $\pm$ 0.000 χ^2 /NDF: 4649857769.2/19

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 :884952.0/9

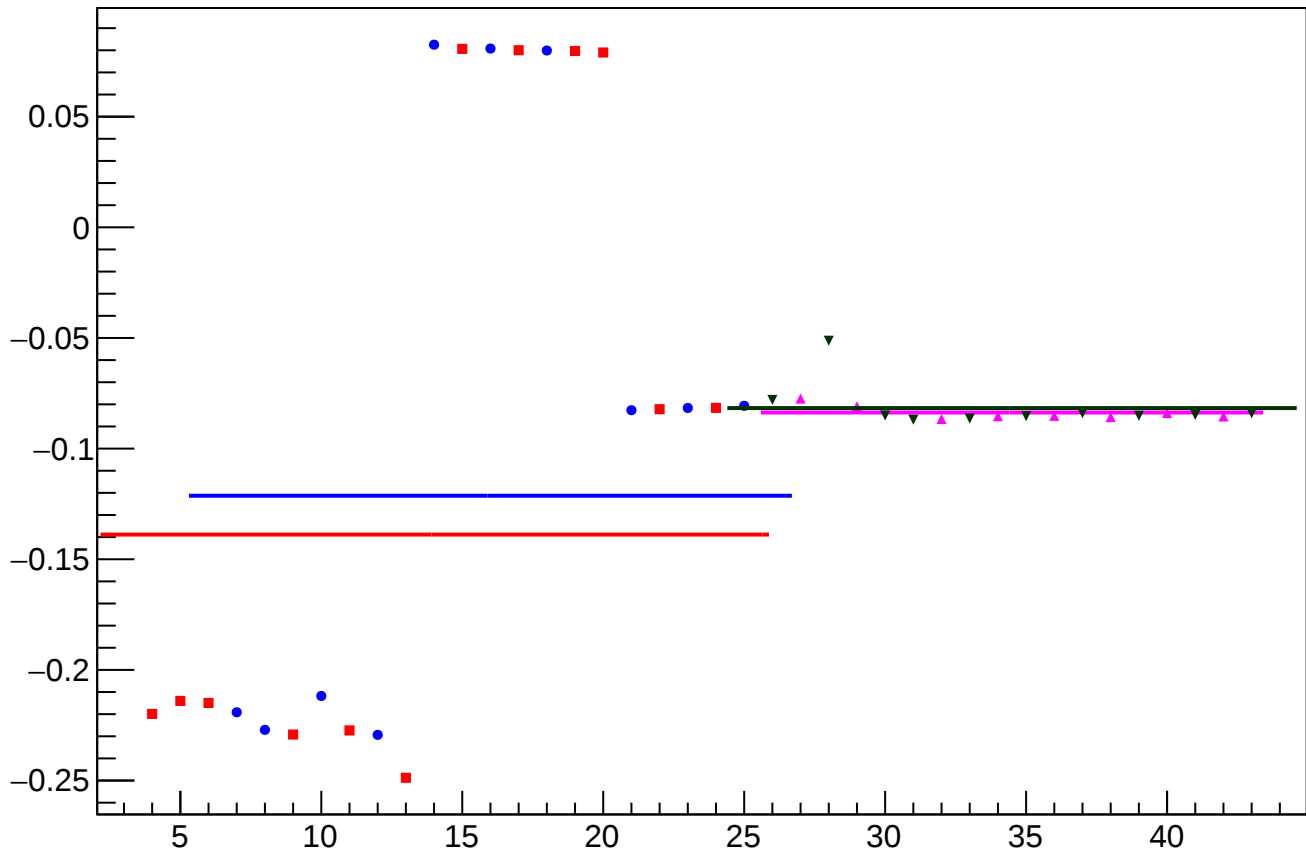
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF :599259.4/7

0.003+/-0.000 χ^2/NDF : 2093316.5/19

0.003+/-0.000 χ^2/NDF : 1441418.5/19

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.082+/-0.000 χ^2/NDF : 35856752.9/9

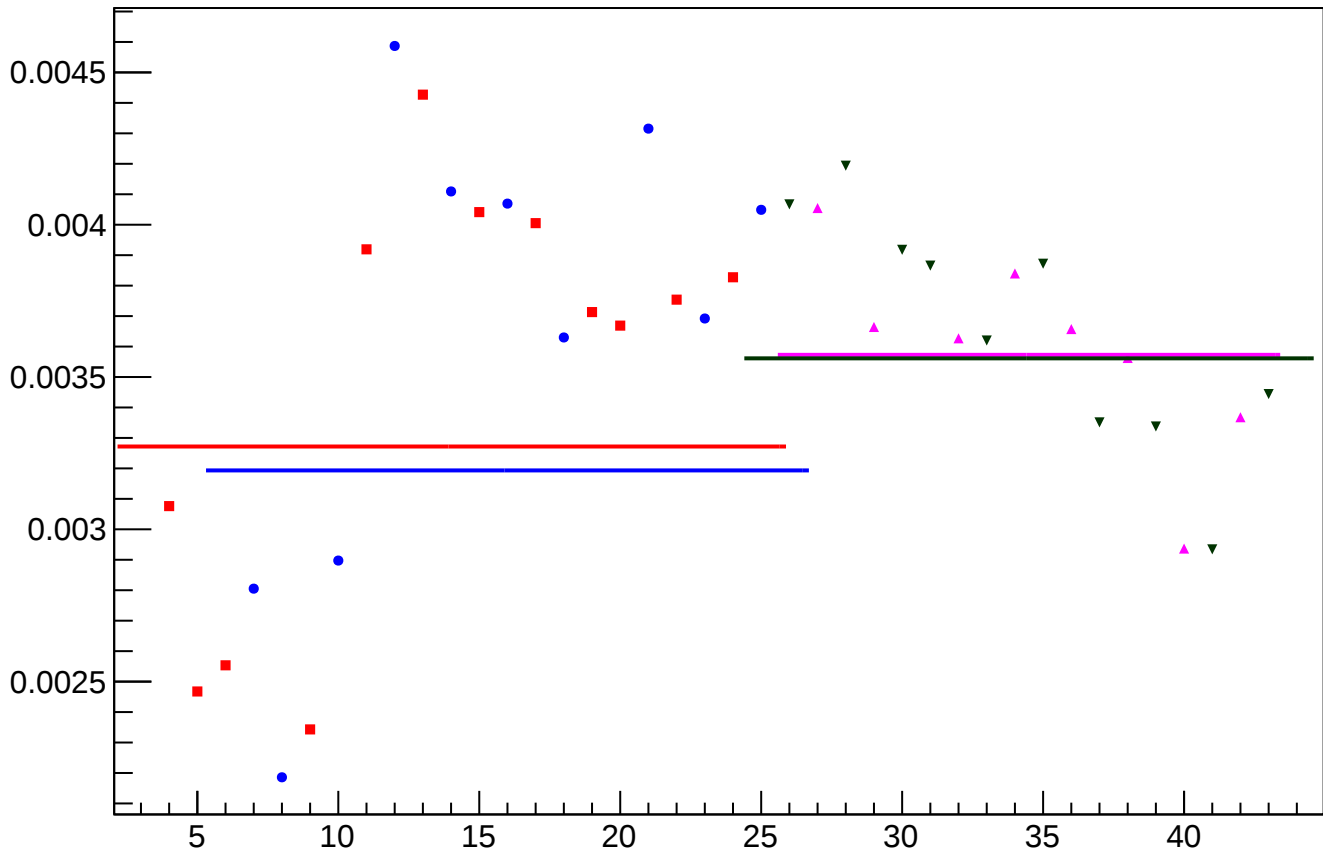
-0.105+/-0.000 χ^2/NDF : 9923536733.6/19

Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

-0.116+/-0.000 χ^2/NDF : 9301962531.0/19

Left In: -0.084+/-0.000 χ^2/NDF : 3518059.1/7

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 :124023.6/9

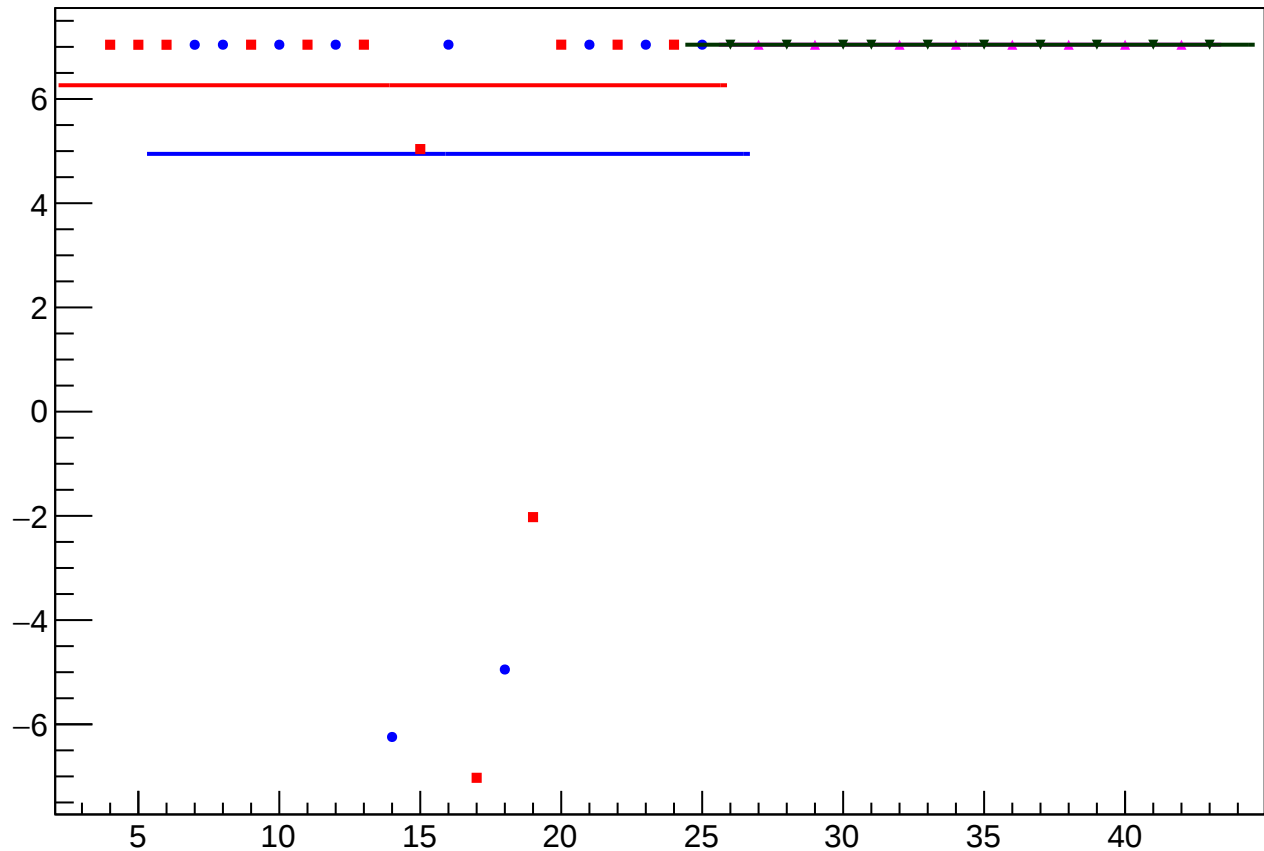
0.003+/-0.000 χ^2/NDF : 1003303.0/19

Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

0.003+/-0.000 χ^2/NDF : 735076.4/19

Left In: 0.004+/-0.000 χ^2/NDF :79188.5/7

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 : 765209.6/9

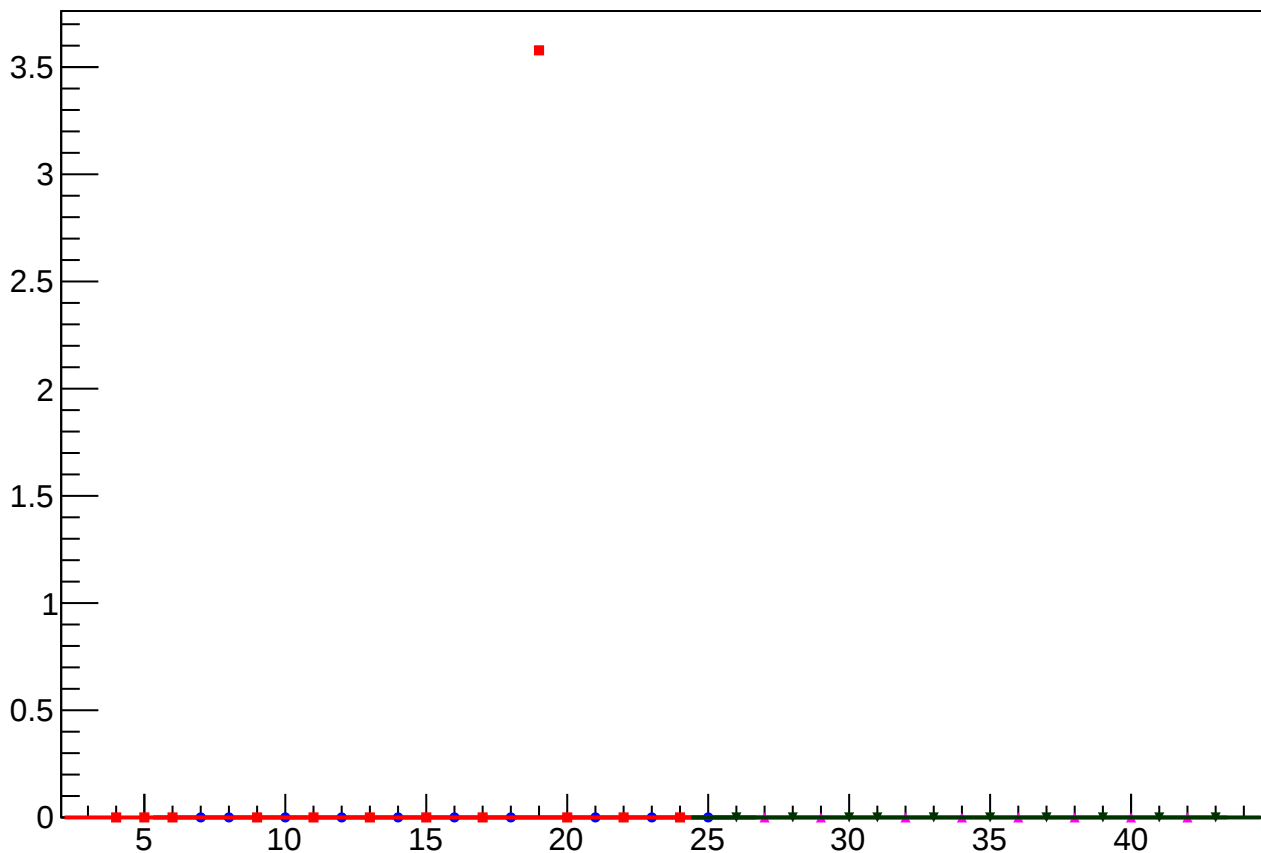
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF : 540456.3/7

6.044+/-0.000 χ^2/NDF : 4647574866906655.0/1

6.669+/-0.000 χ^2/NDF : 1869126007293191.0/1

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:1535.6/9

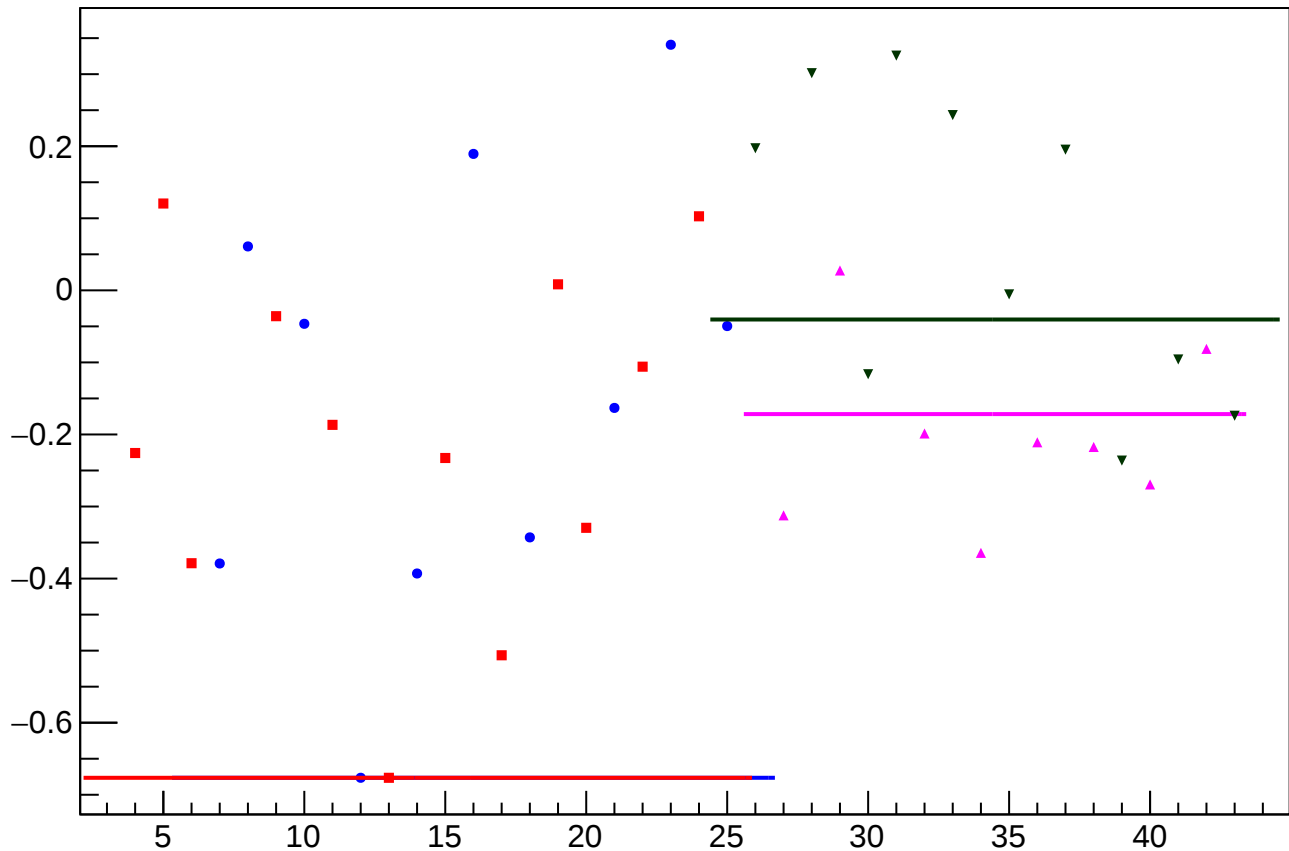
Right Out: 0.000+/-0.000 χ^2 /NDF: 696528.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:1428.8/7

0.000+/-0.000 χ^2 /NDF: 5103.0/19

0.000+/-0.000 χ^2 /NDF: 700924.7/19

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: -0.040+/-0.000 χ^2/NDF : 16704113.3/9

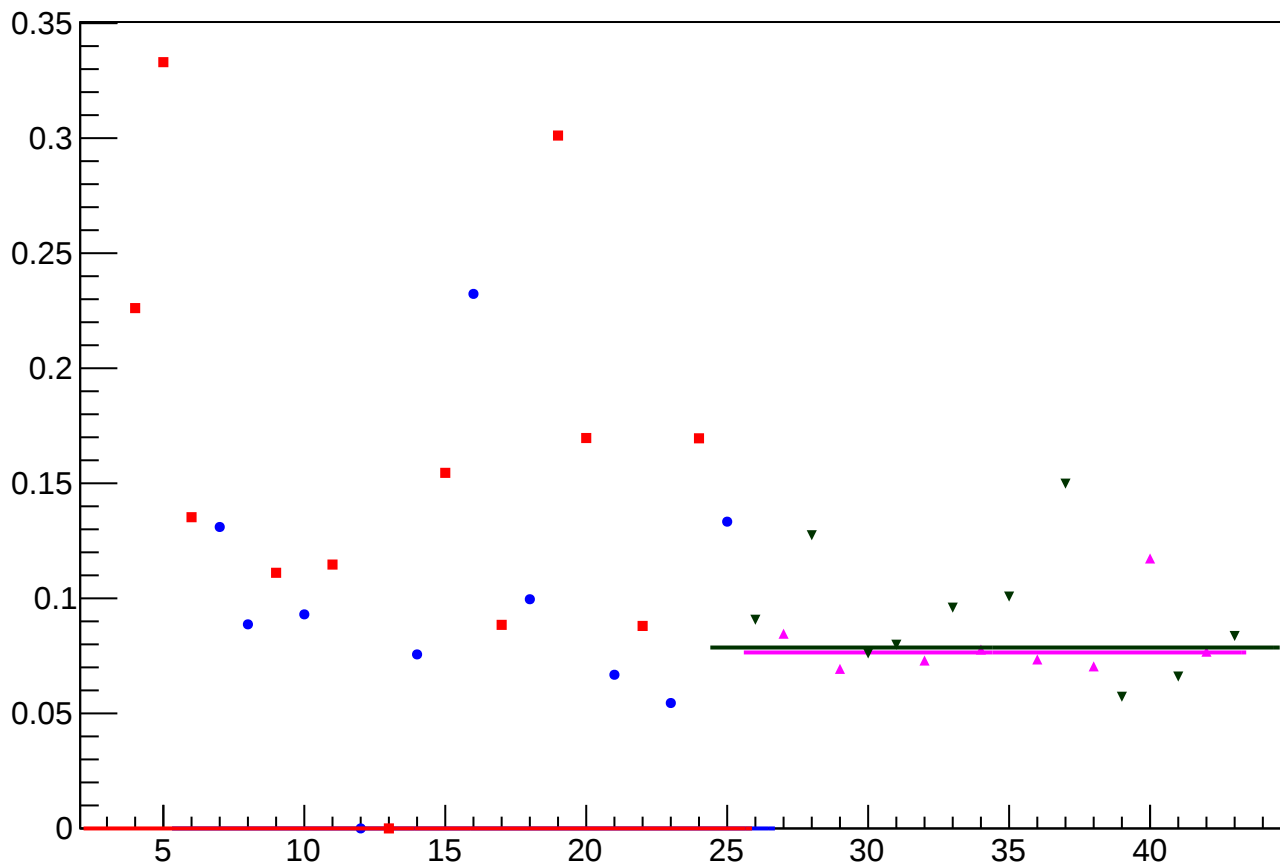
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: -0.172+/-0.000 χ^2/NDF : 7849993.9/7

-0.676+/-0.000 χ^2/NDF : 419557132.0/19

-0.676+/-0.000 χ^2/NDF : 205138847.7/19

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

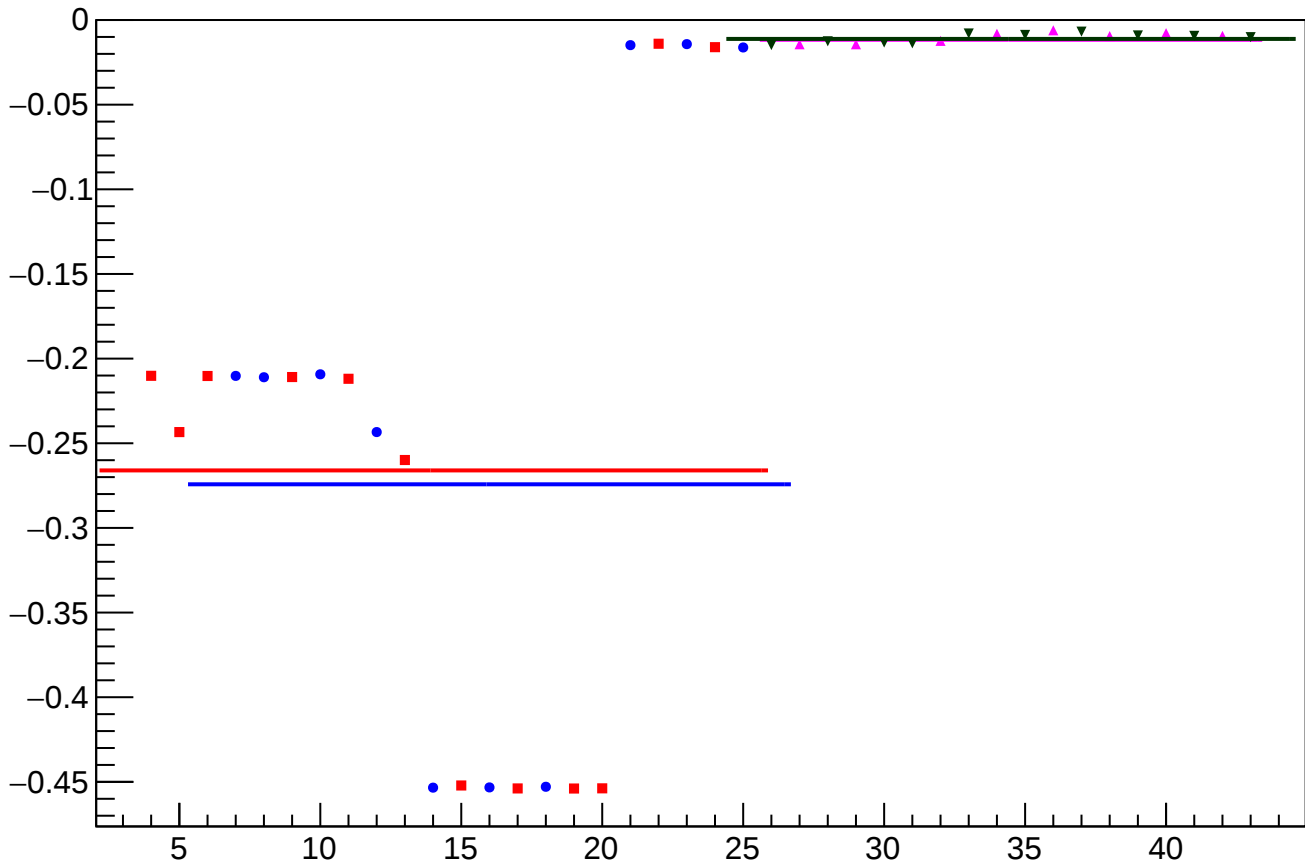
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.076+/-0.000 χ^2/NDF : 102723.9/7

0.000+/-0.000 χ^2/NDF : 14529416.0/19

0.000+/-0.000 χ^2/NDF : 14218887.9/19

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 : 401443.1/9

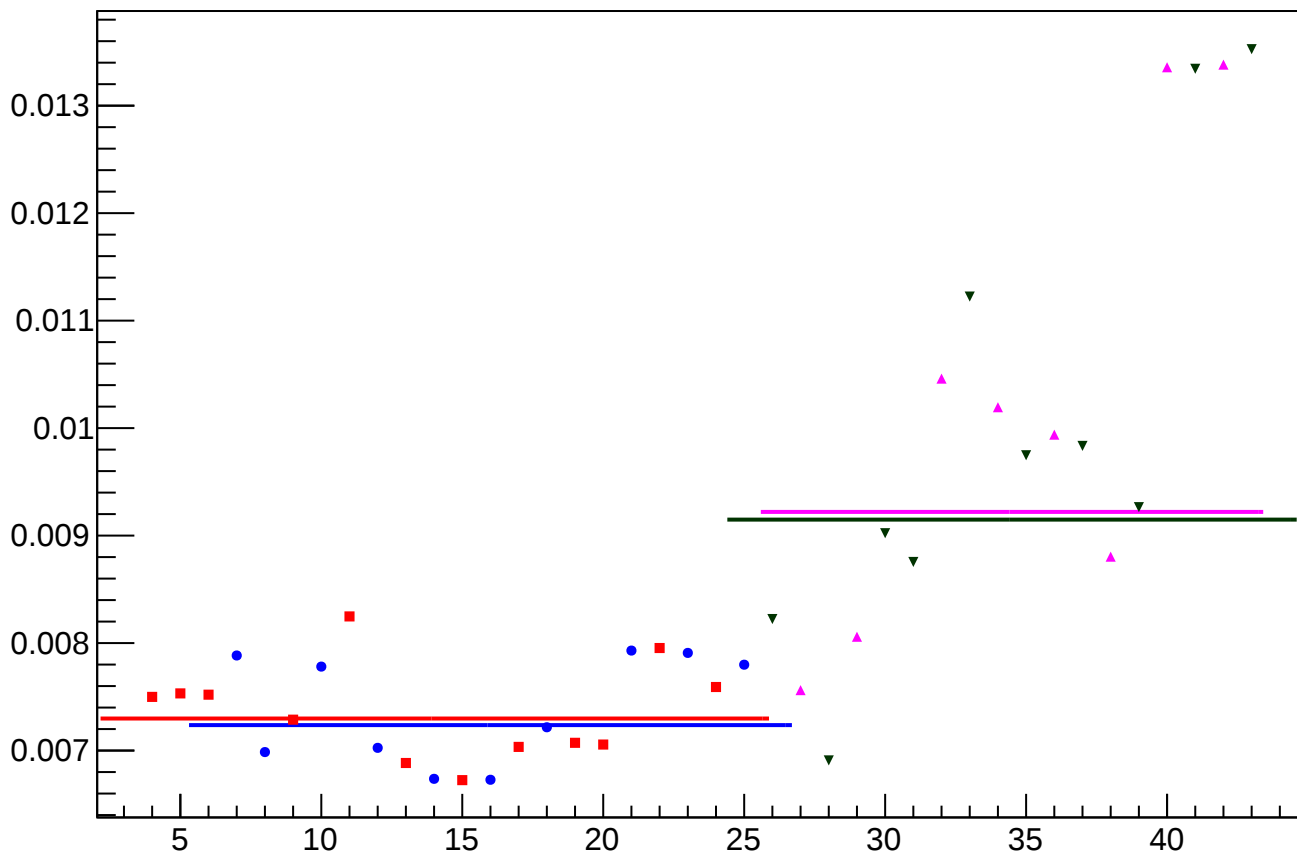
-0.187+/-0.000 χ^2/NDF : 6137507531.5/19

Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

-0.184+/-0.000 χ^2/NDF : 5108810712.2/19

Left In: -0.012+/-0.000 χ^2/NDF : 495453.5/7

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 : 410320.9/9

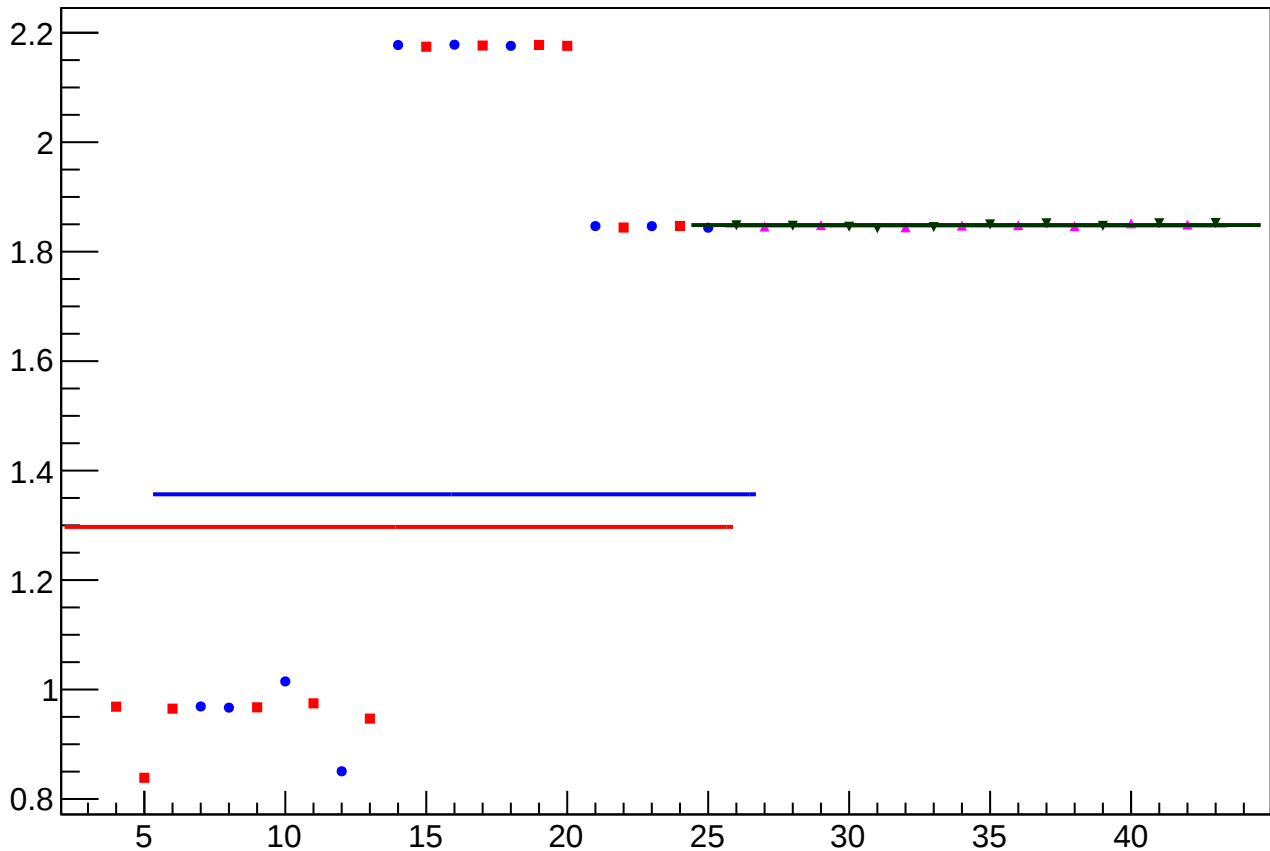
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 351249.4/7

0.008+/-0.000 χ^2/NDF : 758228.3/19

0.008+/-0.000 χ^2/NDF : 683454.6/19

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.849+/-0.000 χ^2/NDF : 239961.3/9

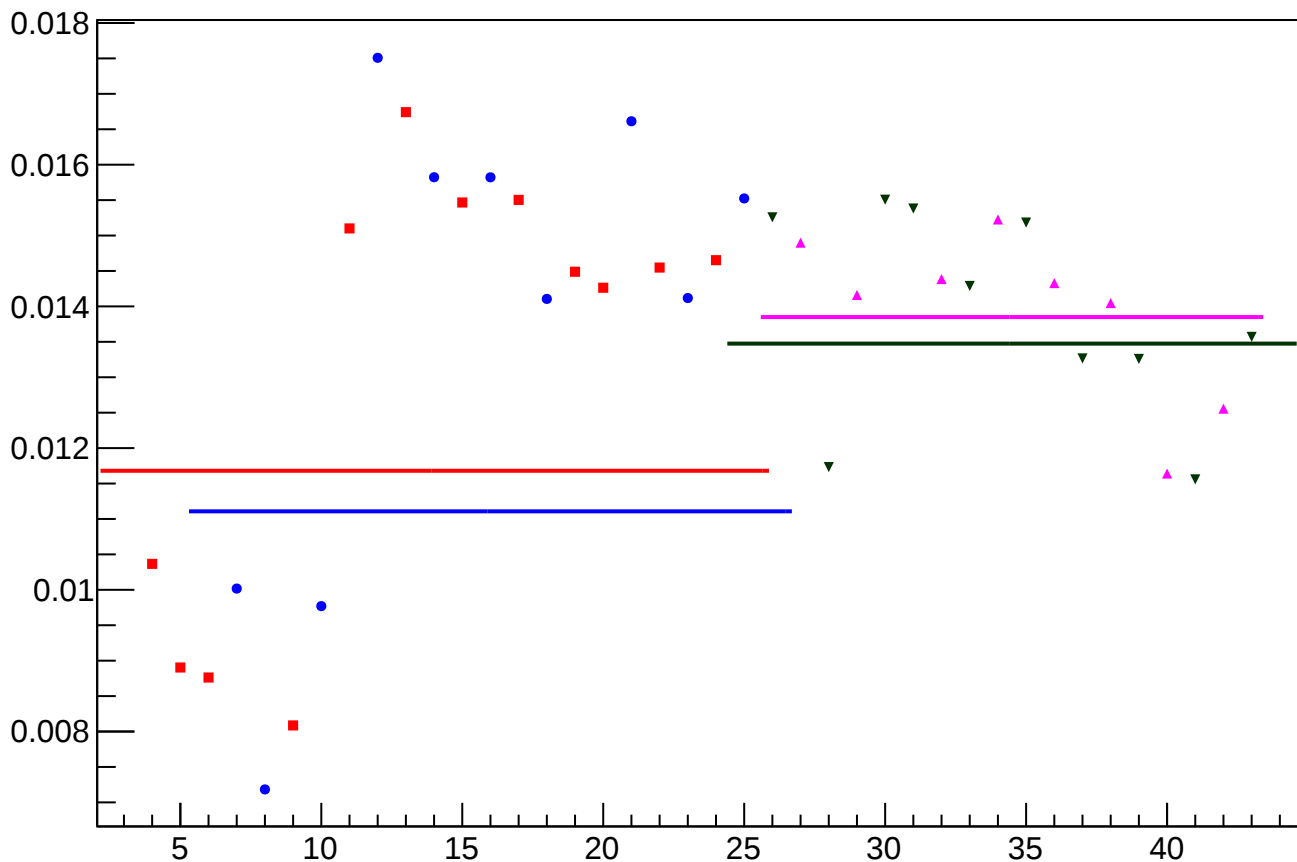
1.545+/-0.000 χ^2/NDF : 16510749748.0/19

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.507+/-0.000 χ^2/NDF : 15779923098.7/19

Left In: 1.848+/-0.000 χ^2/NDF : 132729.5/7

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 :115364.2/9

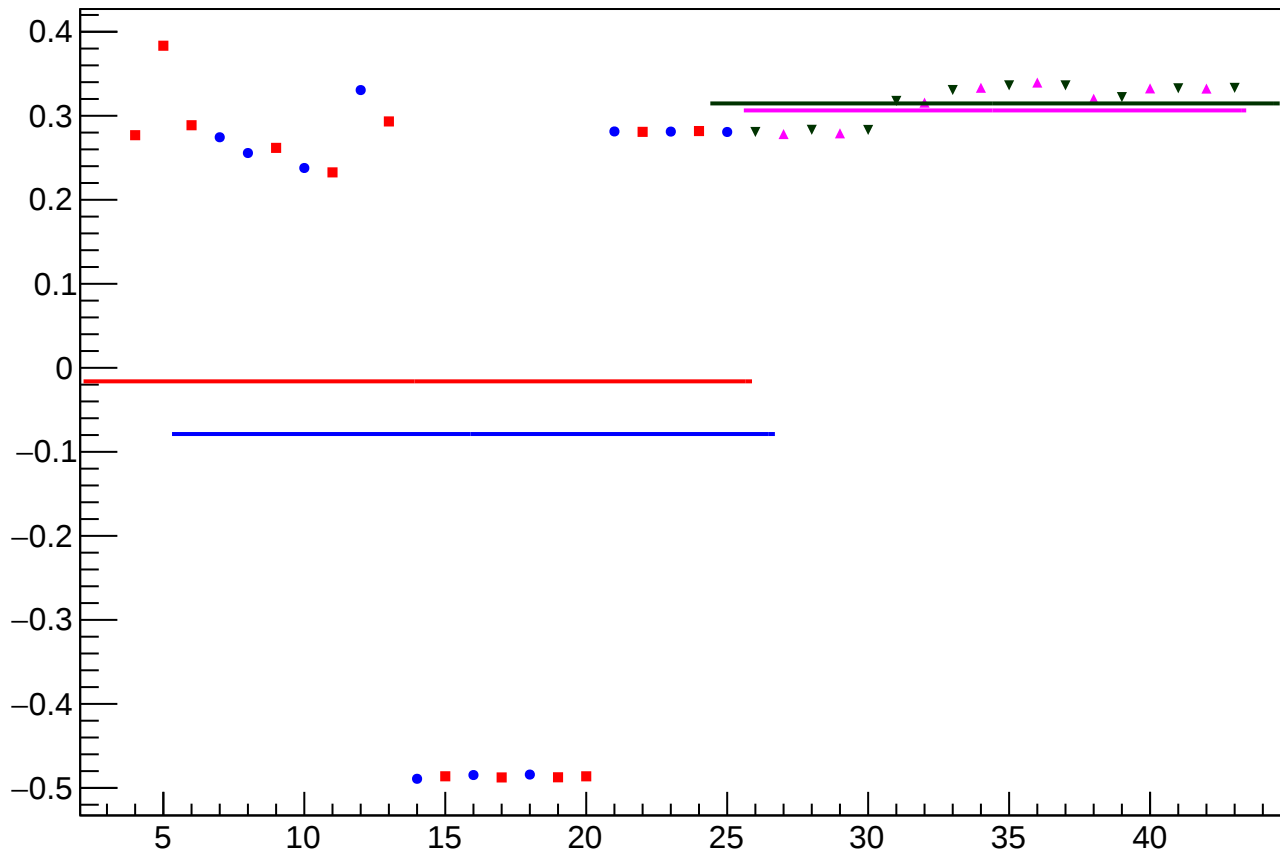
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.014+/-0.000 χ^2/NDF :66358.8/7

0.012+/-0.000 χ^2/NDF : 1609631.7/19

0.013+/-0.000 χ^2/NDF : 1146924.5/19

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.315+/-0.000 χ^2/NDF : 5189197.9/9

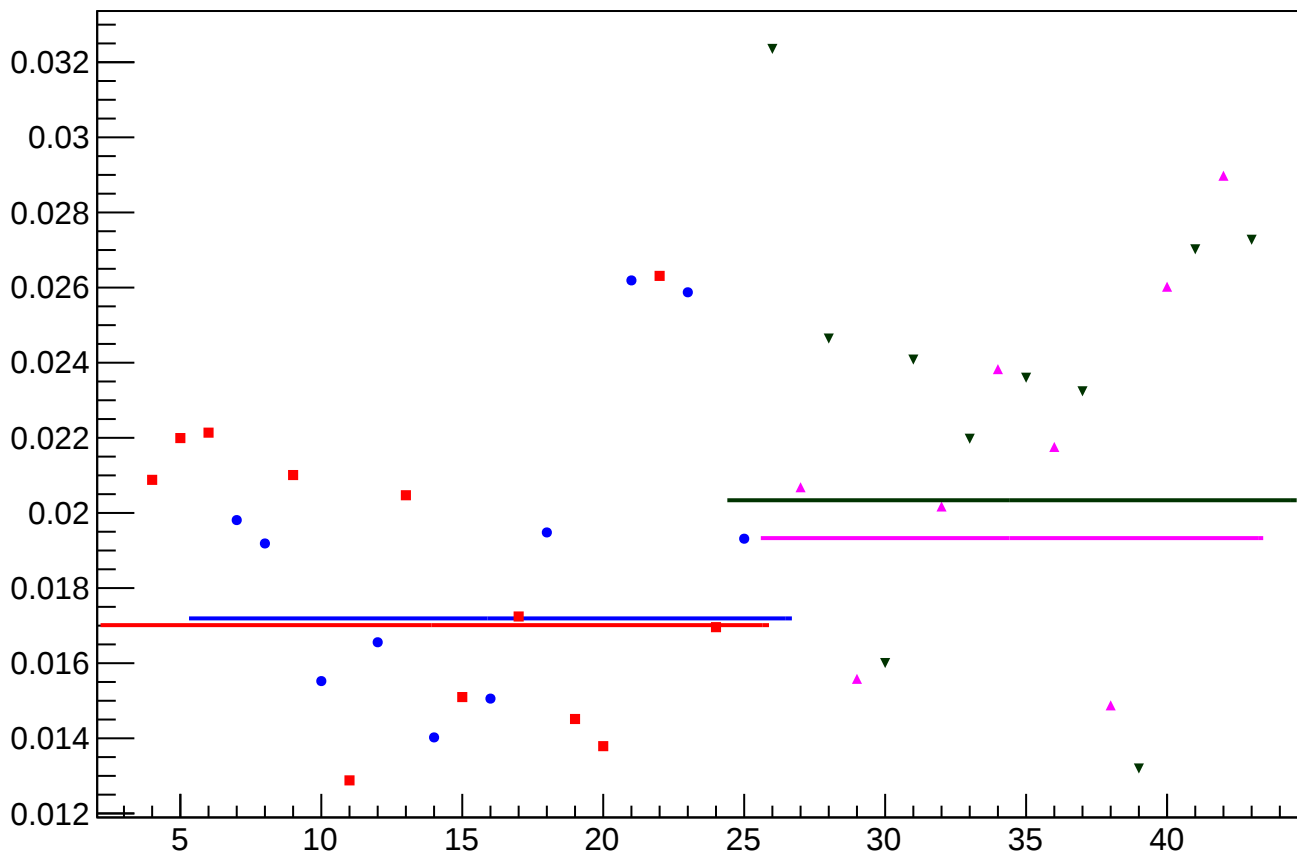
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.306+/-0.000 χ^2/NDF : 6947683.1/7

0.063+/-0.000 χ^2/NDF : 4016483334.0/19

0.104+/-0.000 χ^2/NDF : 3537354423.0/19

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 : 733336.7/9

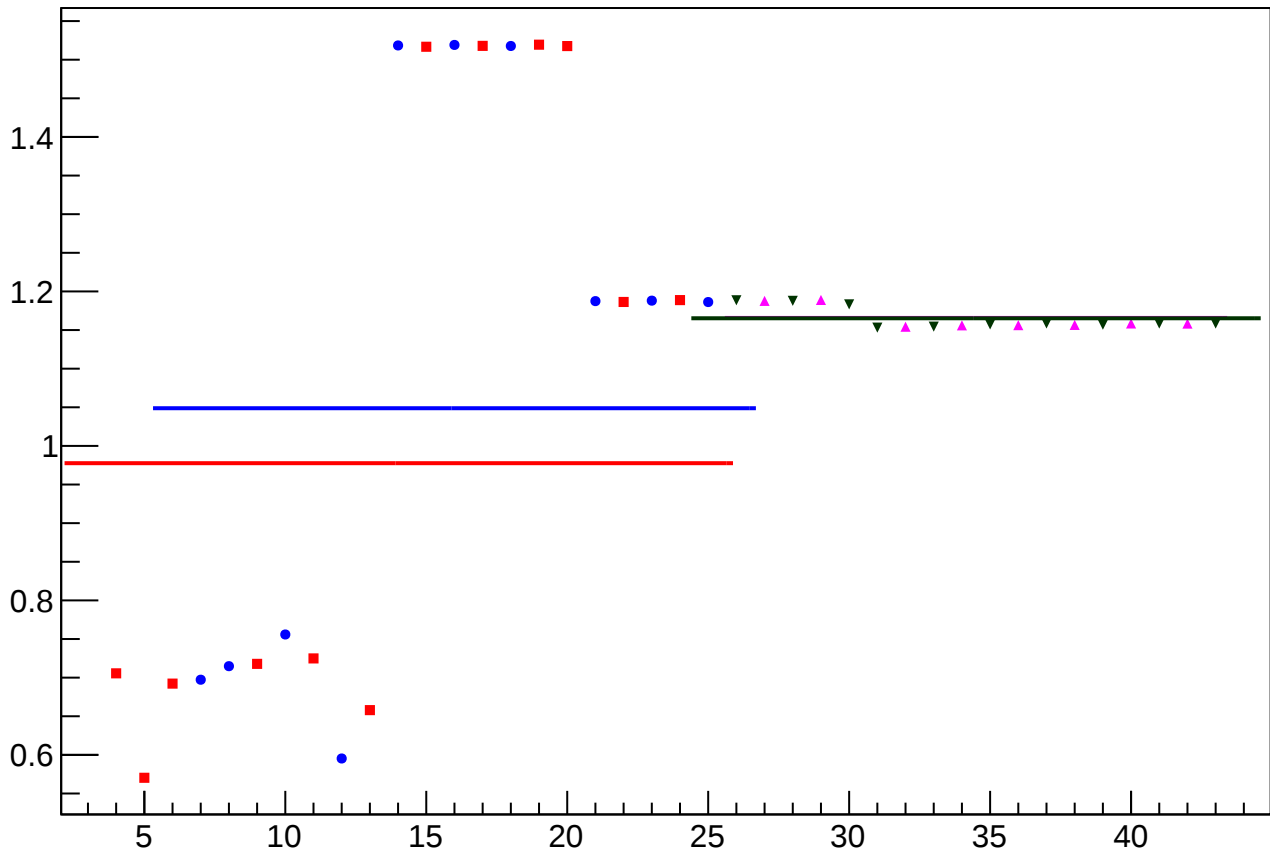
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.019+/-0.000 χ^2/NDF : 397106.7/7

0.018+/-0.000 χ^2/NDF : 1355506.7/19

0.018+/-0.000 χ^2/NDF : 1020778.8/19

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

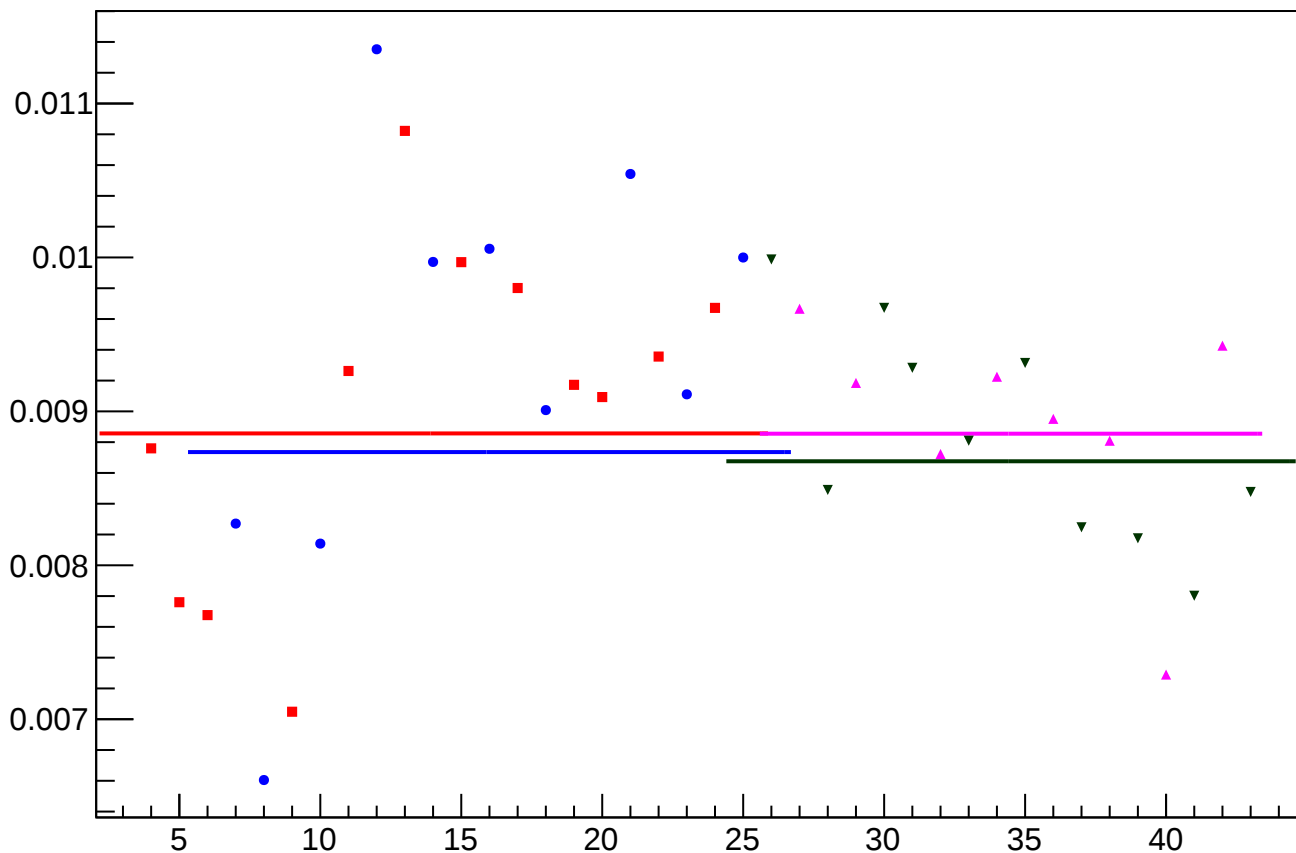
1.102+/-0.000 χ^2/NDF : 10773255908.3/19

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

1.062+/-0.000 χ^2/NDF : 11129835987.8/19

Left In: 1.166+/-0.000 χ^2/NDF :13092642.0/7

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 : 57413.1/9

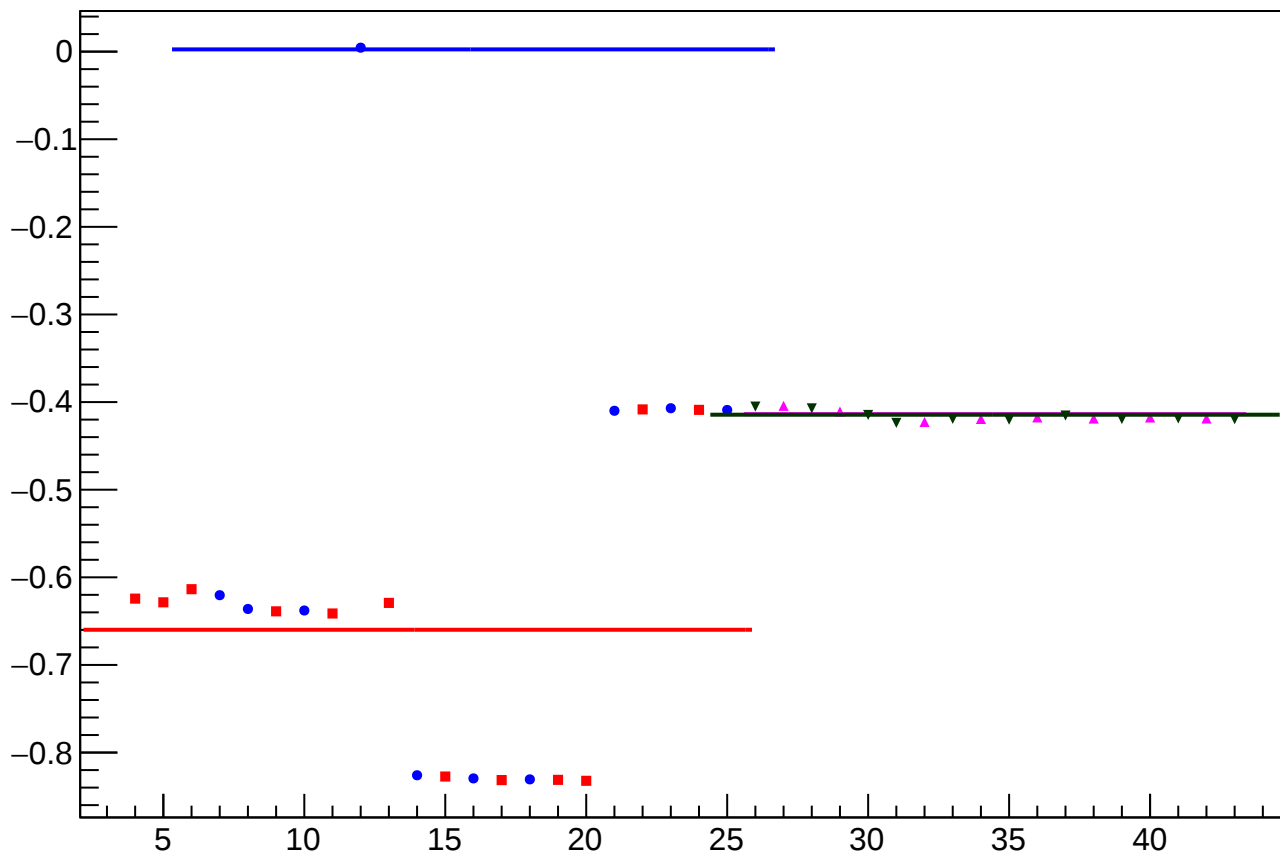
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 63329.4/7

0.009+/-0.000 χ^2/NDF : 417171.0/19

0.009+/-0.000 χ^2/NDF : 287176.1/19

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 : 2260145.2/9

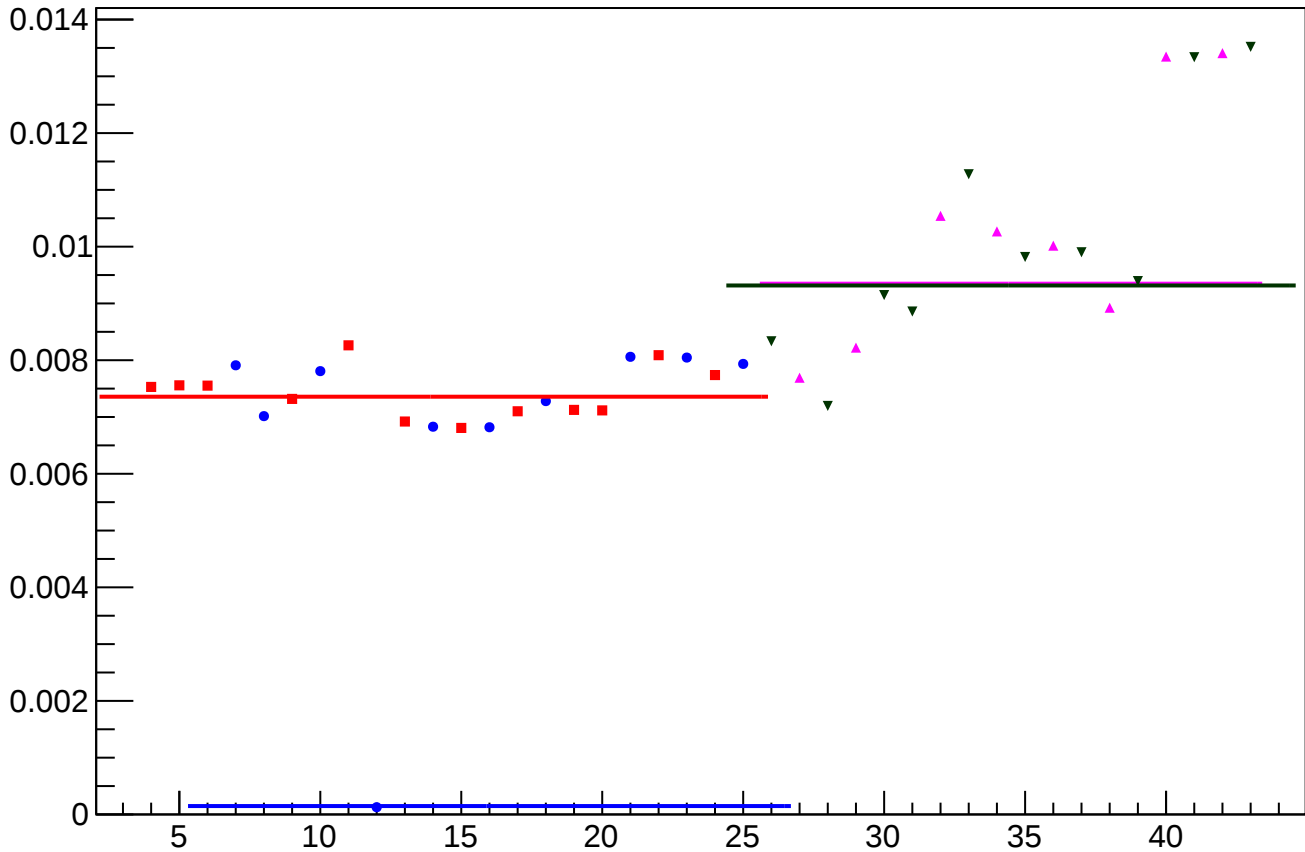
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.414+/-0.000 χ^2/NDF : 2495344.5/7

0.002+/-0.000 χ^2/NDF : 62045615819.7/19

-0.581+/-0.000 χ^2/NDF : 4545536356.0/19

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 : 365508.7/9

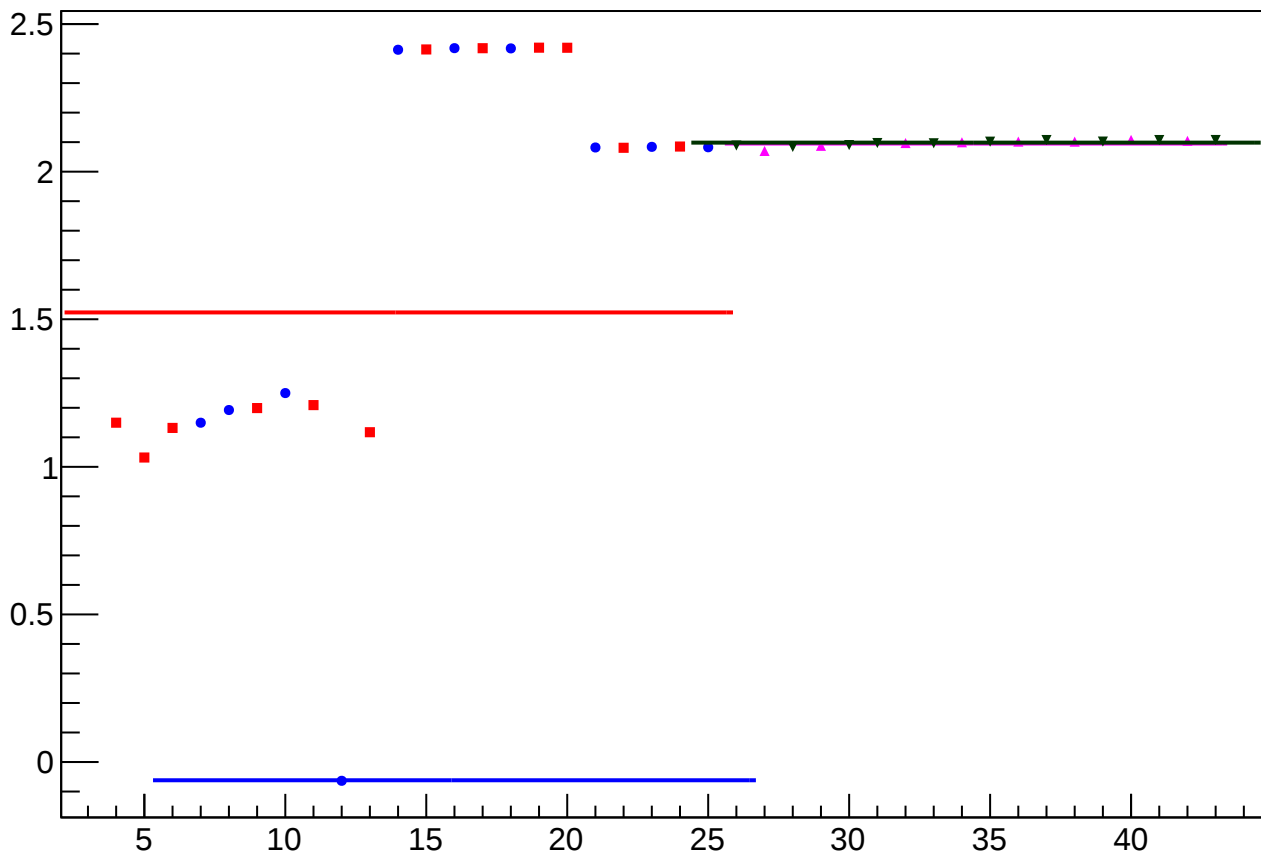
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.009+/-0.000 χ^2/NDF : 330082.7/7

0.000+/-0.000 χ^2/NDF : 21306548.5/19

0.008+/-0.000 χ^2/NDF : 676430.6/19

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.098+/-0.000 χ^2/NDF : 2018647.6/9

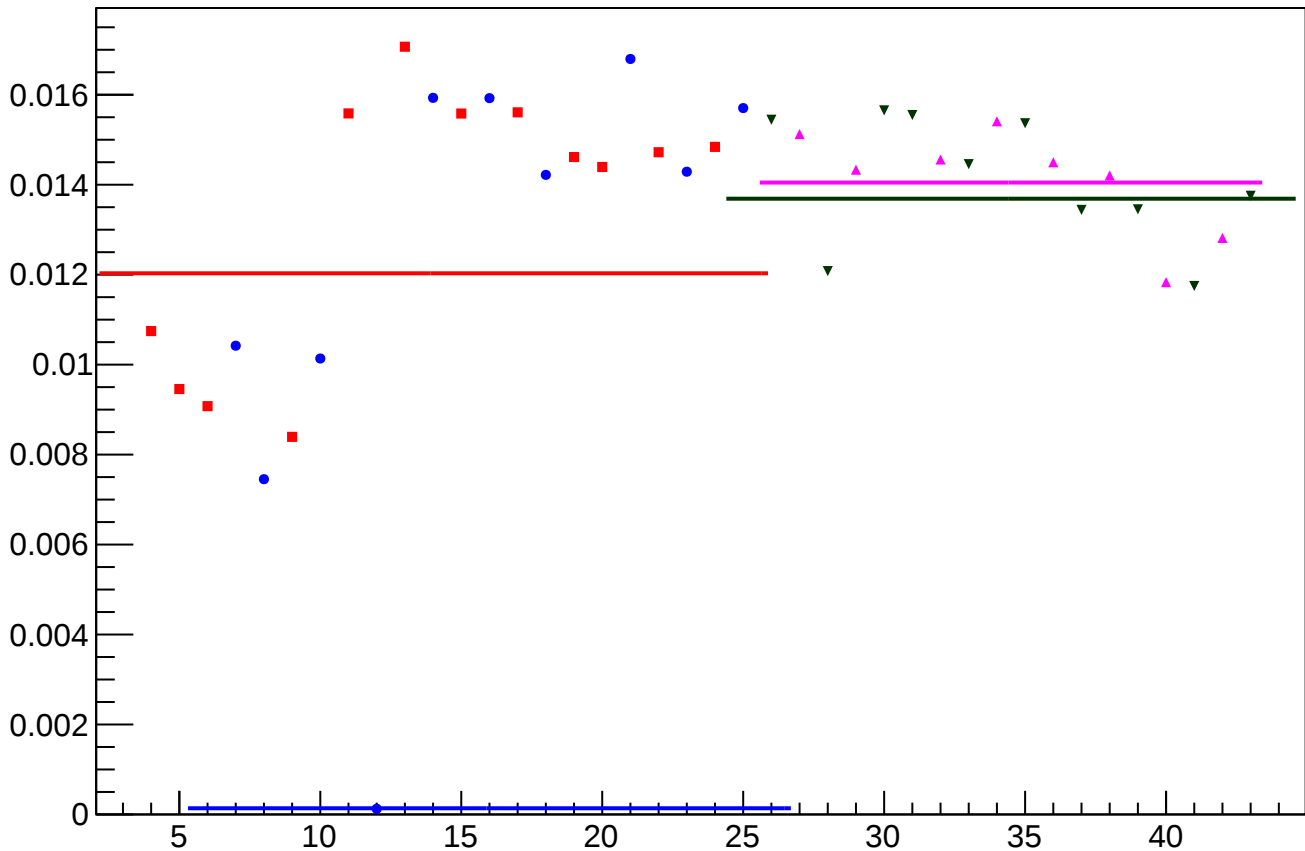
-0.060+/-0.000 χ^2/NDF : 252361408805.2/19

Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

1.745+/-0.000 χ^2/NDF : 16380507599.9/19

Left In: 2.095+/-0.000 χ^2/NDF : 3543910.0/7

yield_bpm4acY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10894753.2/9

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:106273.7/9

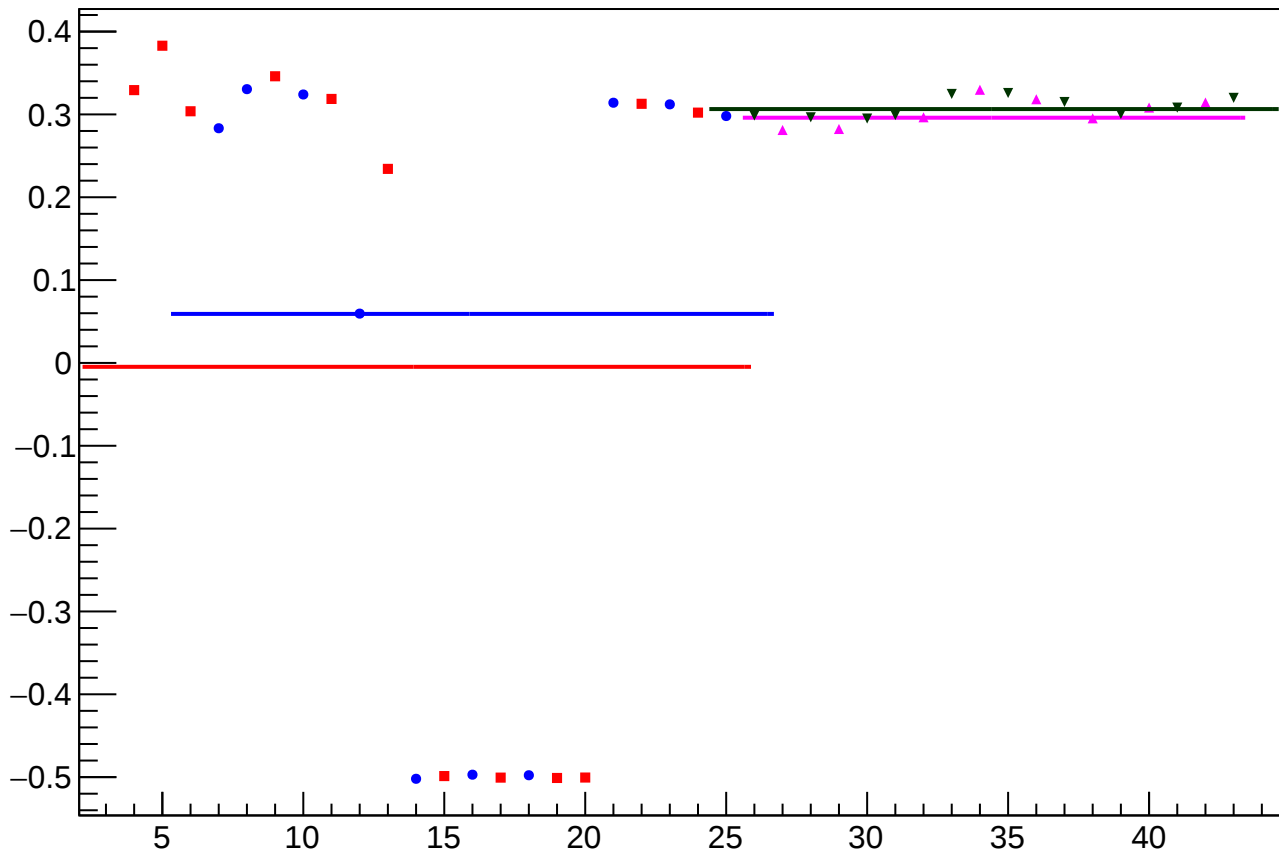
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 858730.1/11

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:63128.5/7

0.000 $\pm$ 0.000 χ^2 /NDF: 20867894.3/19

0.013 $\pm$ 0.000 χ^2 /NDF: 1046552.8/19

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 :1355327.7/9

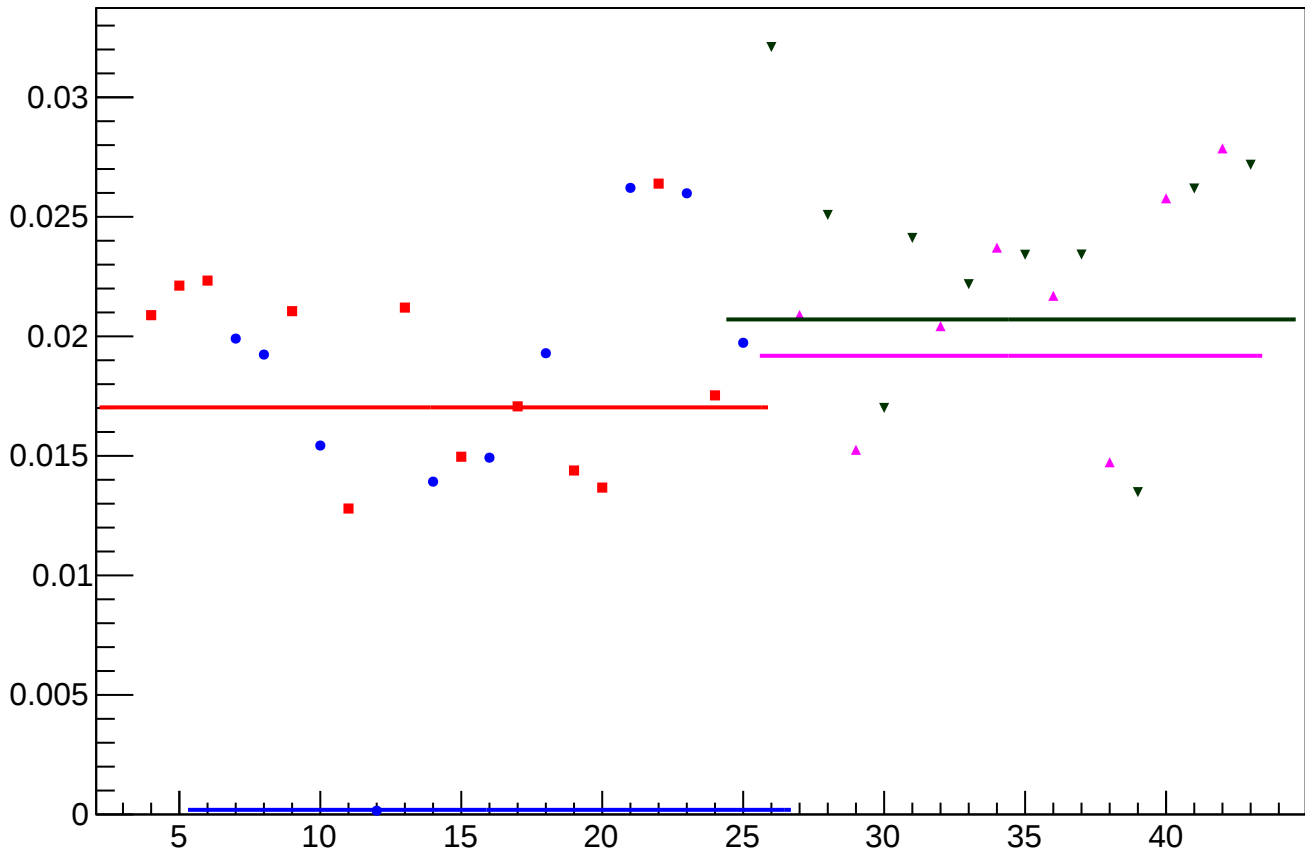
0.059+/-0.000 χ^2/NDF : 4215322750.2/19

Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

0.109+/-0.000 χ^2/NDF : 3838891709.9/19

Left In: 0.296+/-0.000 χ^2/NDF :2825274.2/7

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10989835.4/9

Left Out: 0.021+/-0.000 χ^2/NDF : 655279.7/9

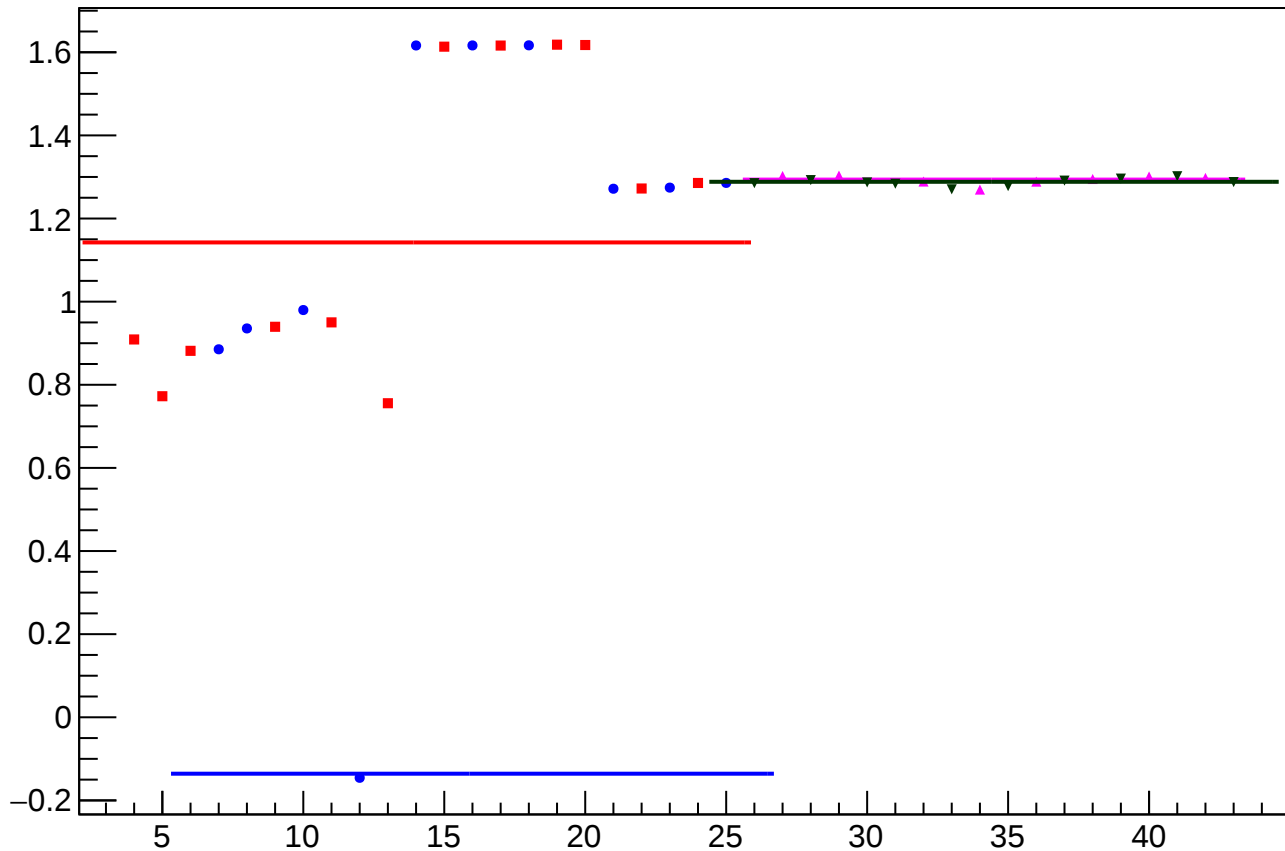
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.019+/-0.000 χ^2/NDF : 408175.3/7

0.000+/-0.000 χ^2/NDF : 20906695.5/19

0.018+/-0.000 χ^2/NDF : 1064330.0/19

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 : 3982202.6/9

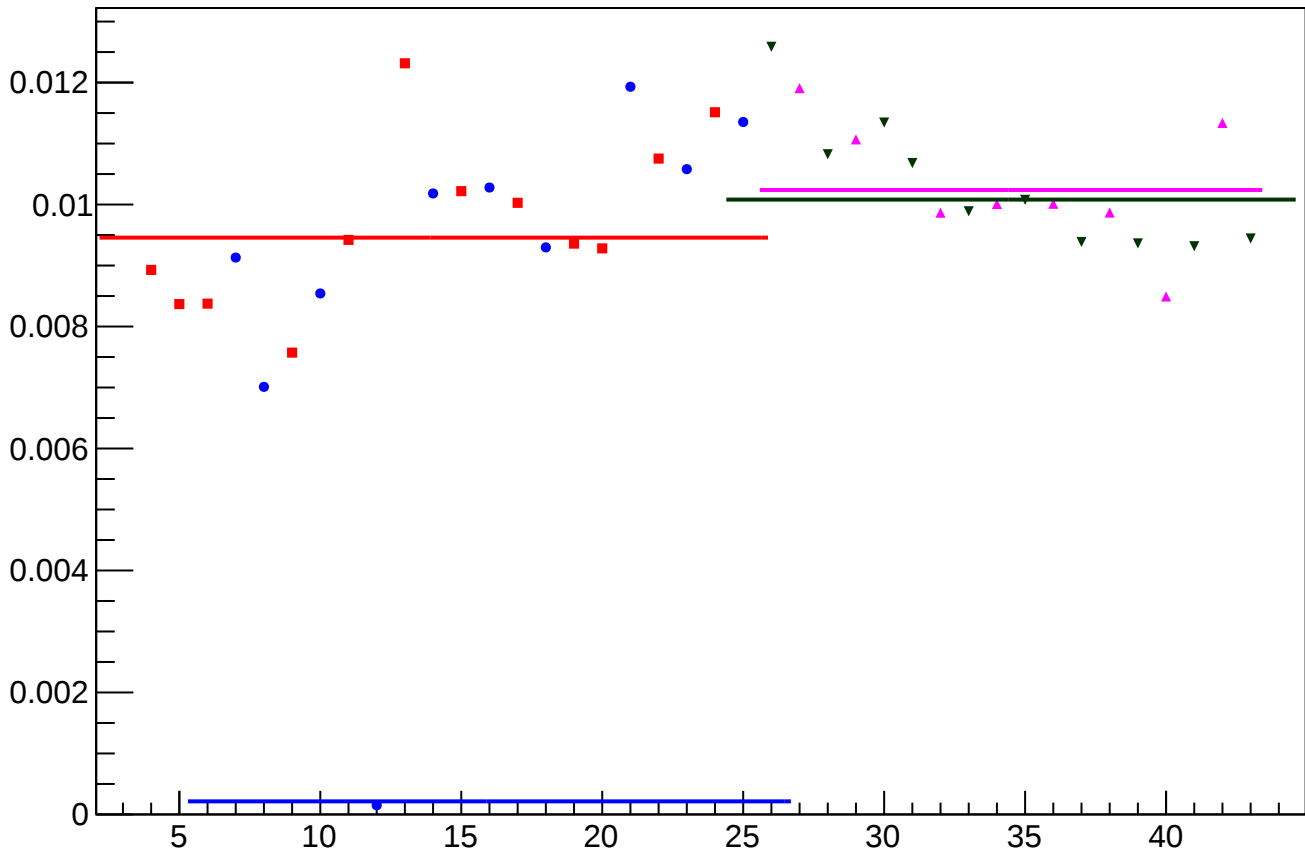
-0.128+/-0.000 χ^2/NDF : 232295201756.6/19

Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

1.204+/-0.000 χ^2/NDF : 7648183908.7/19

Left In: 1.294+/-0.000 χ^2/NDF : 4635094.3/7

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10811399.3/9

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:82741.5/9

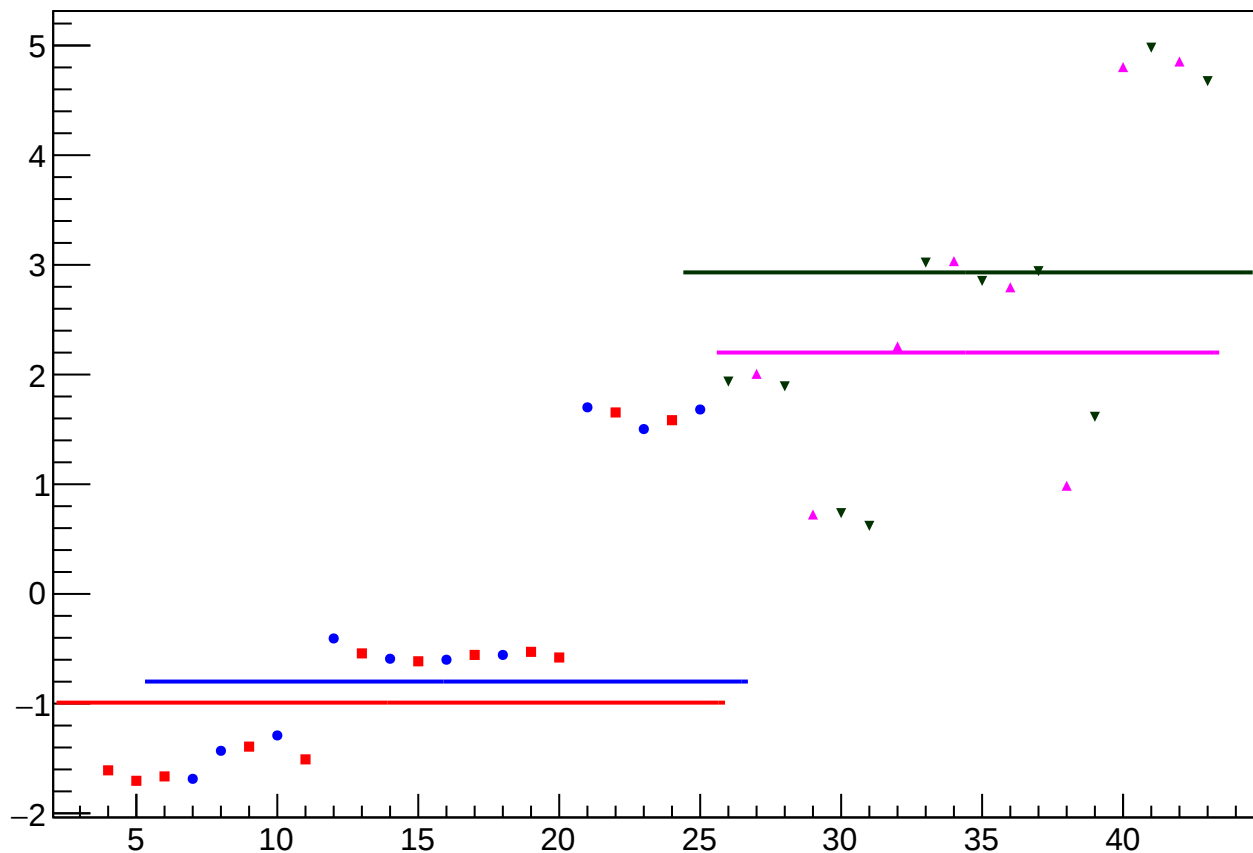
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 269492.1/11

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:95418.9/7

0.000 $\pm$ 0.000 χ^2 /NDF: 20604289.8/19

0.010 $\pm$ 0.000 χ^2 /NDF: 398505.9/19

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 2.931+/-0.000 χ^2/NDF : 696767729.4/9

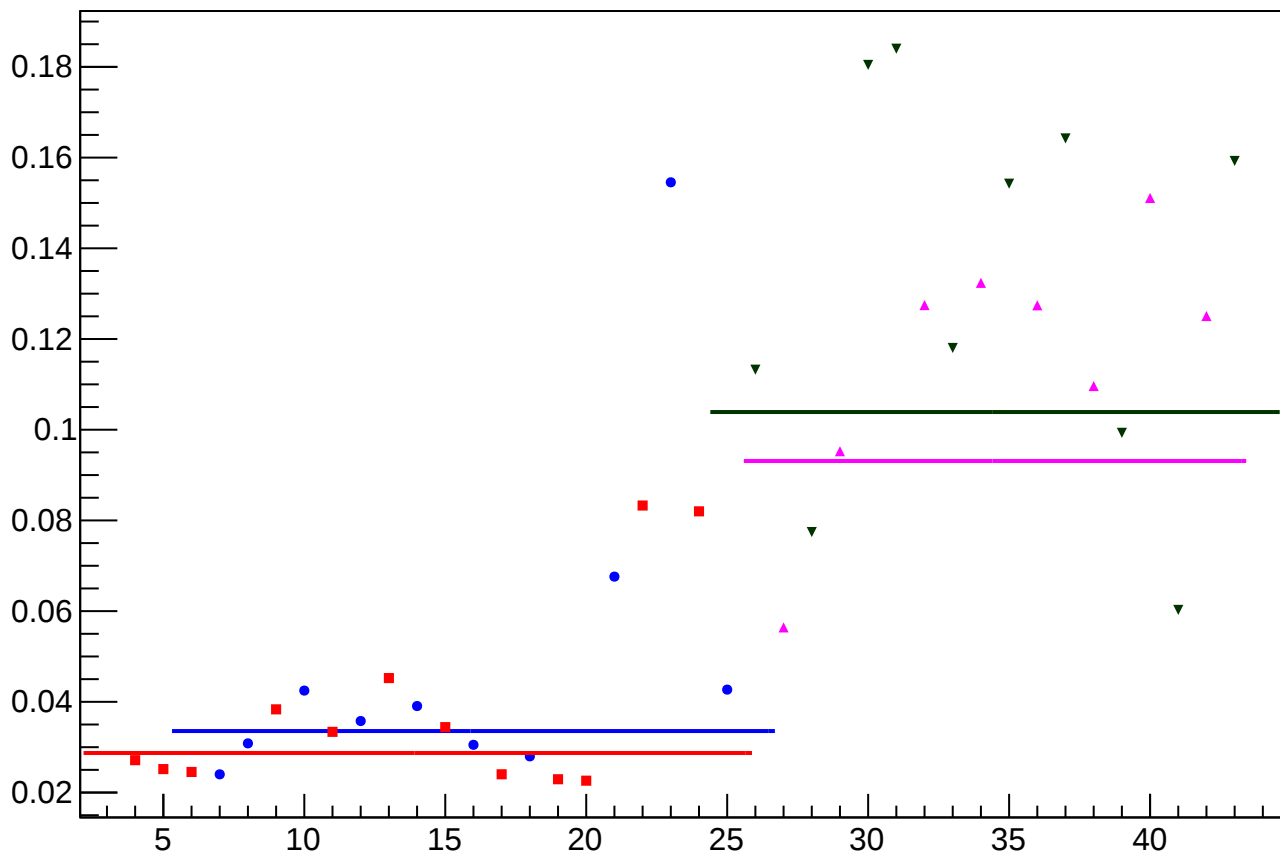
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 2.201+/-0.000 χ^2/NDF : 532579984.2/7

-0.507+/-0.000 χ^2/NDF : 6998108641.9/19

-0.771+/-0.000 χ^2/NDF : 6322905516.5/19

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.104+/-0.000 χ^2/NDF :1068598.5/9

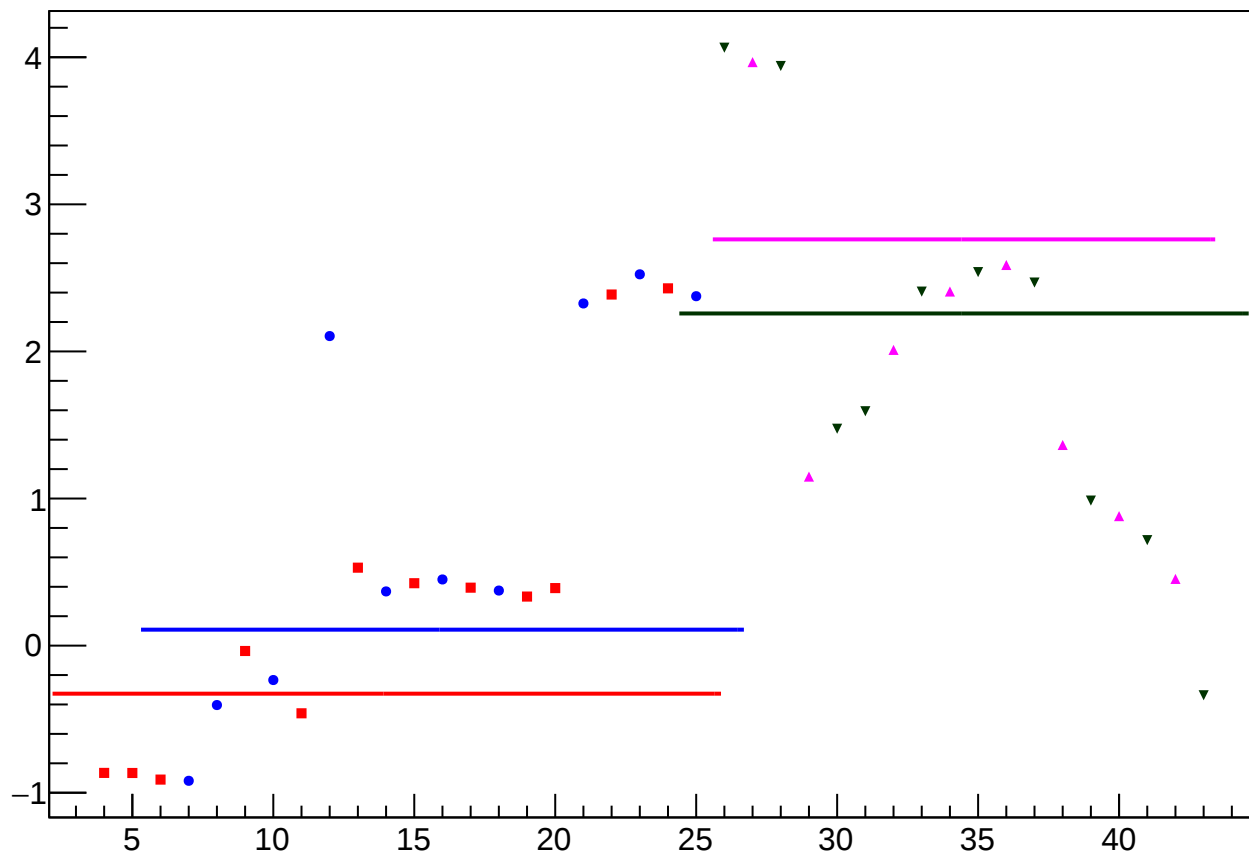
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.093+/-0.000 χ^2/NDF :883849.9/7

0.039+/-0.000 χ^2/NDF : 5084396.8/19

0.033+/-0.000 χ^2/NDF : 4920047.4/19

yield_bpm1Y_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 8111501728.9/9

Left Out: 2.258+/-0.000 χ^2/NDF :1464188140.1/9

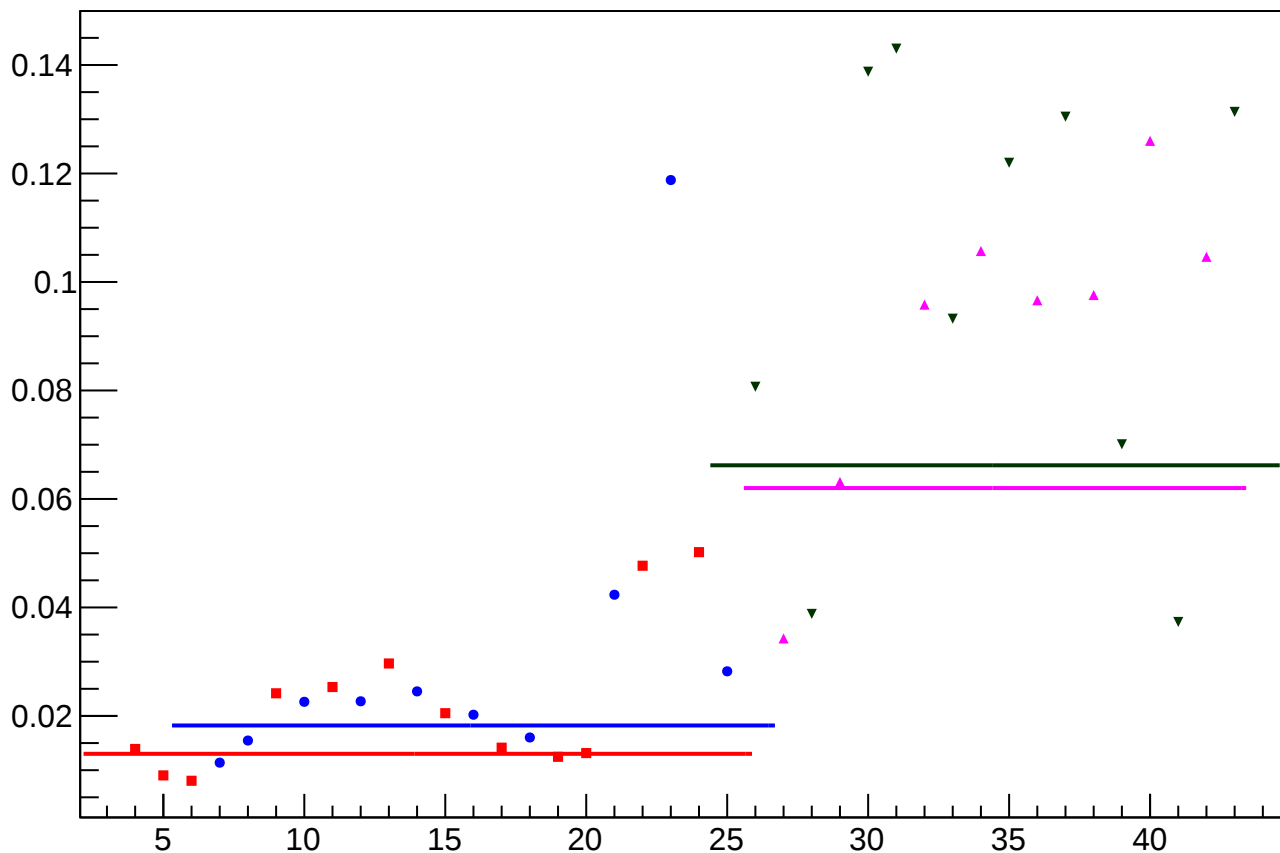
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 2.762+/-0.000 χ^2/NDF :1333082834.2/7

0.232+/-0.000 χ^2/NDF : 12493992567.5/19

-0.214+/-0.000 χ^2/NDF : 17841607104.3/19

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.066+/-0.000 χ^2/NDF : 1777792.9/9

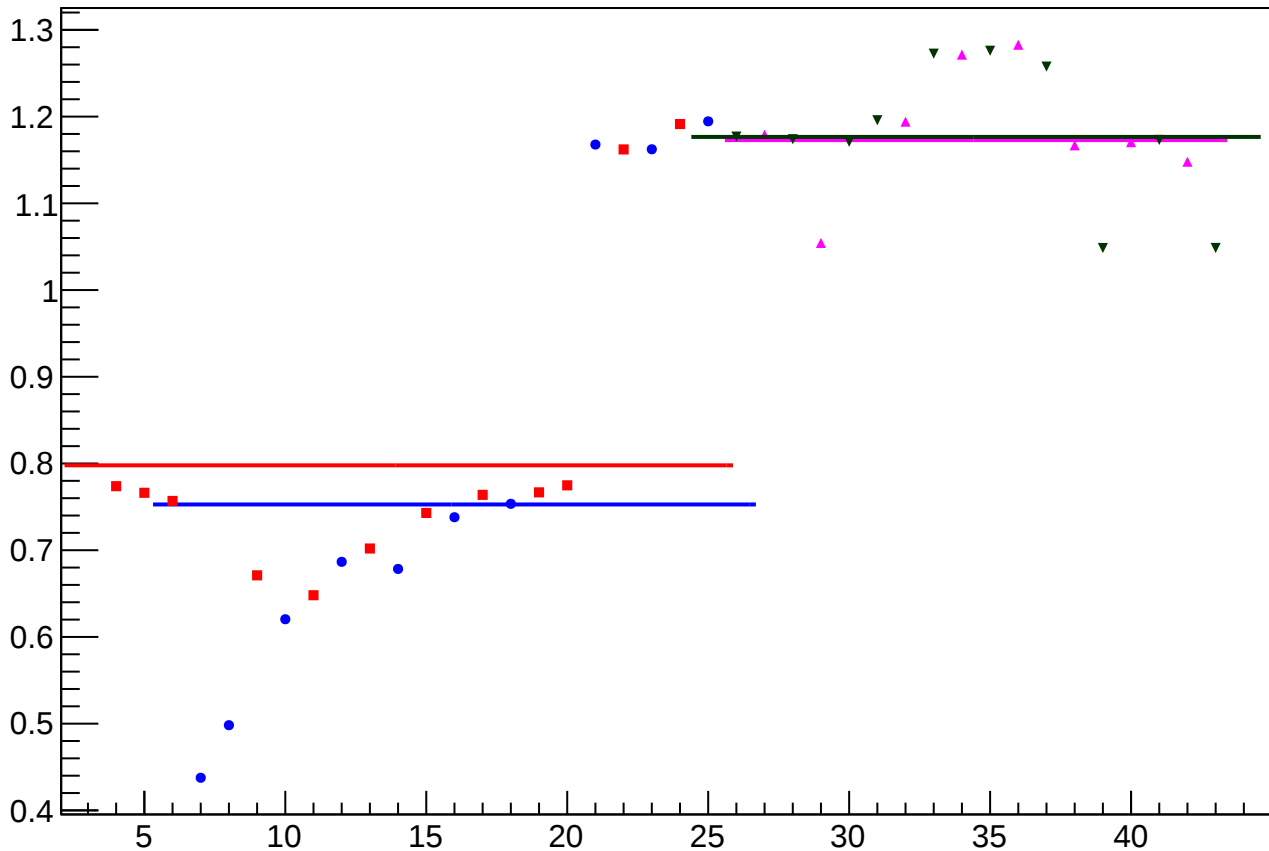
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.062+/-0.000 χ^2/NDF : 1520285.5/7

0.021+/-0.000 χ^2/NDF : 6004180.1/19

0.015+/-0.000 χ^2/NDF : 7012553.8/19

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.177+/-0.000 χ^2/NDF :56492661.1/9

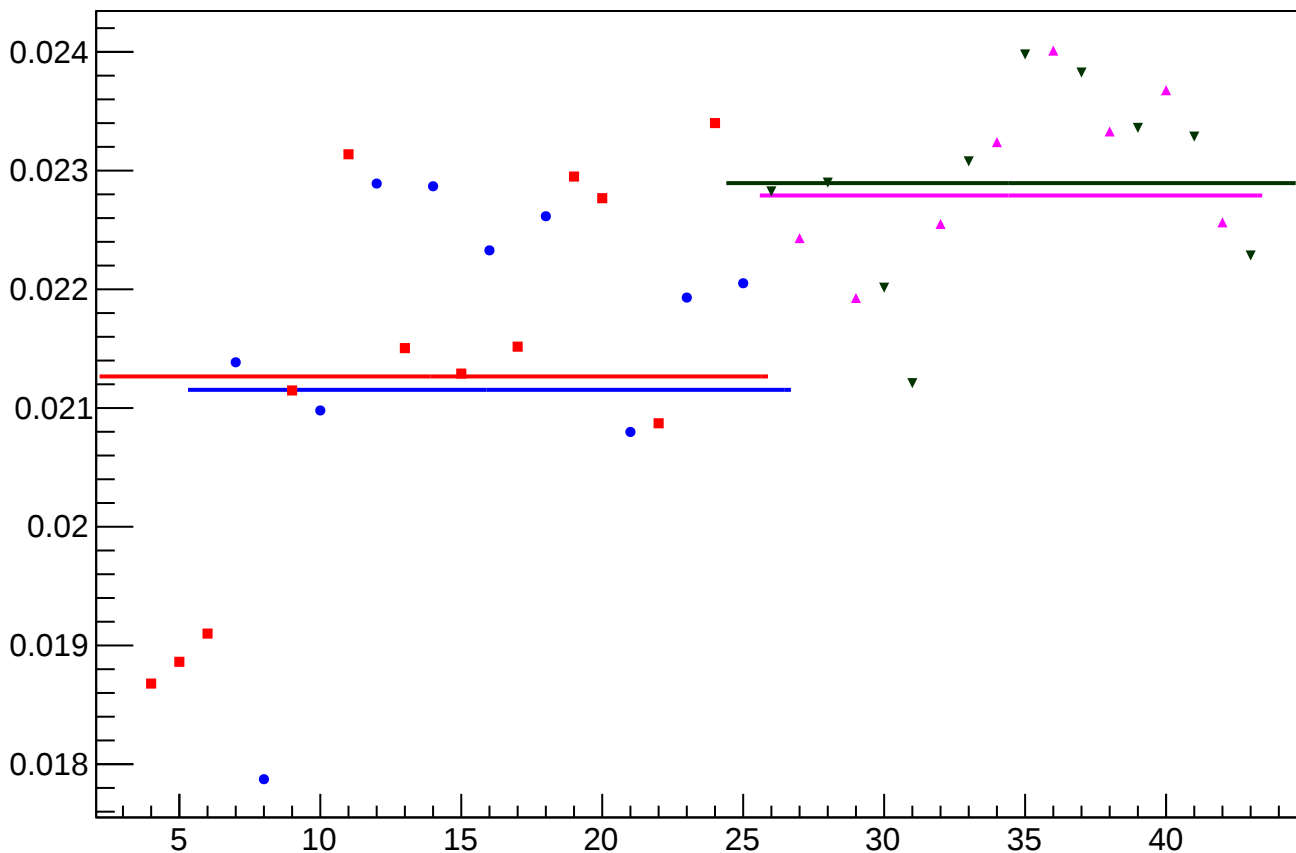
0.929+/-0.000 χ^2/NDF : 1935707717.8/19

Right Out: 0.798+/-0.000 χ^2/NDF : 394047843.5/11

0.952+/-0.000 χ^2/NDF : 1227453647.0/19

Left In: 1.173+/-0.000 χ^2/NDF :43573994.2/7

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 :11436.5/9

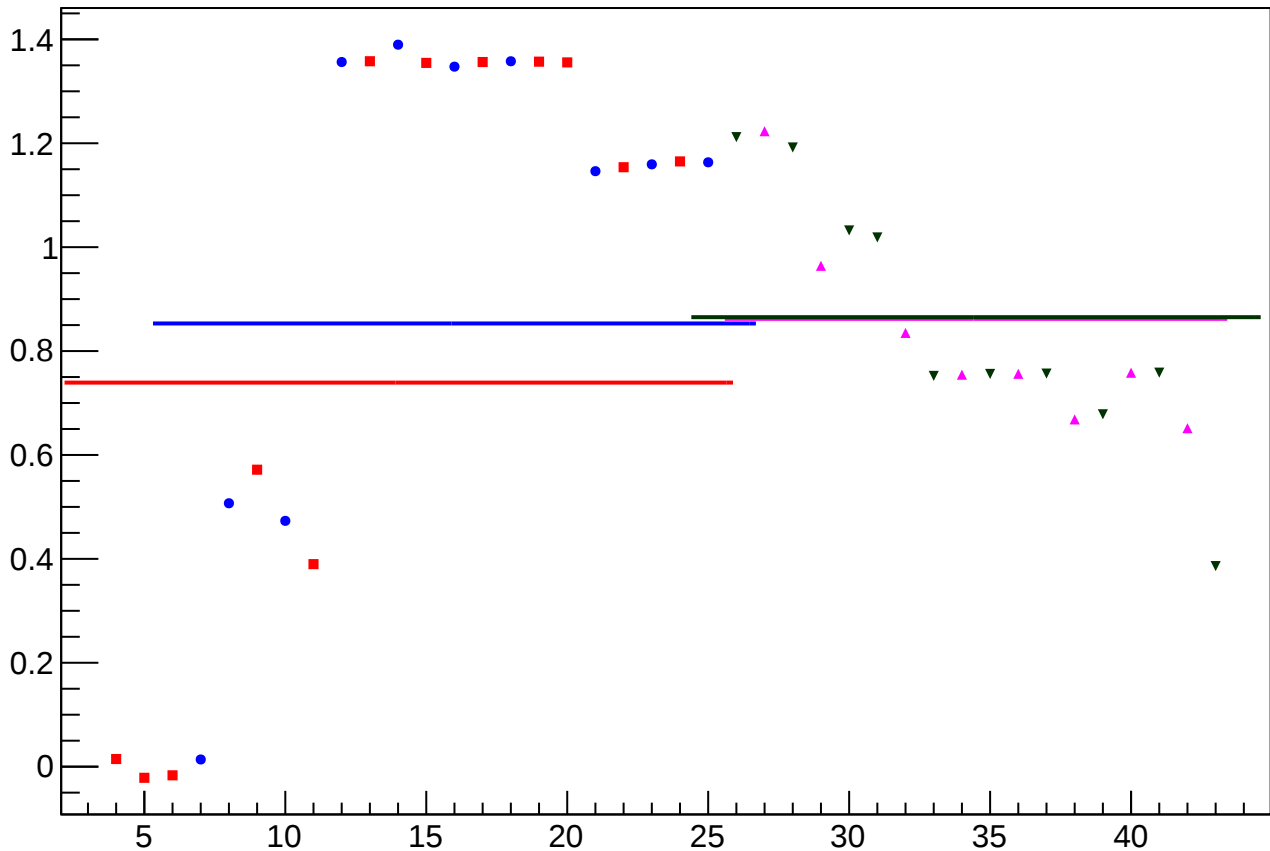
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.023+/-0.000 χ^2/NDF :7884.0/7

0.022+/-0.000 χ^2/NDF : 135716.0/19

0.022+/-0.000 χ^2/NDF : 92588.4/19

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 0.865+/-0.000 χ^2/NDF : 19769026573.0/9

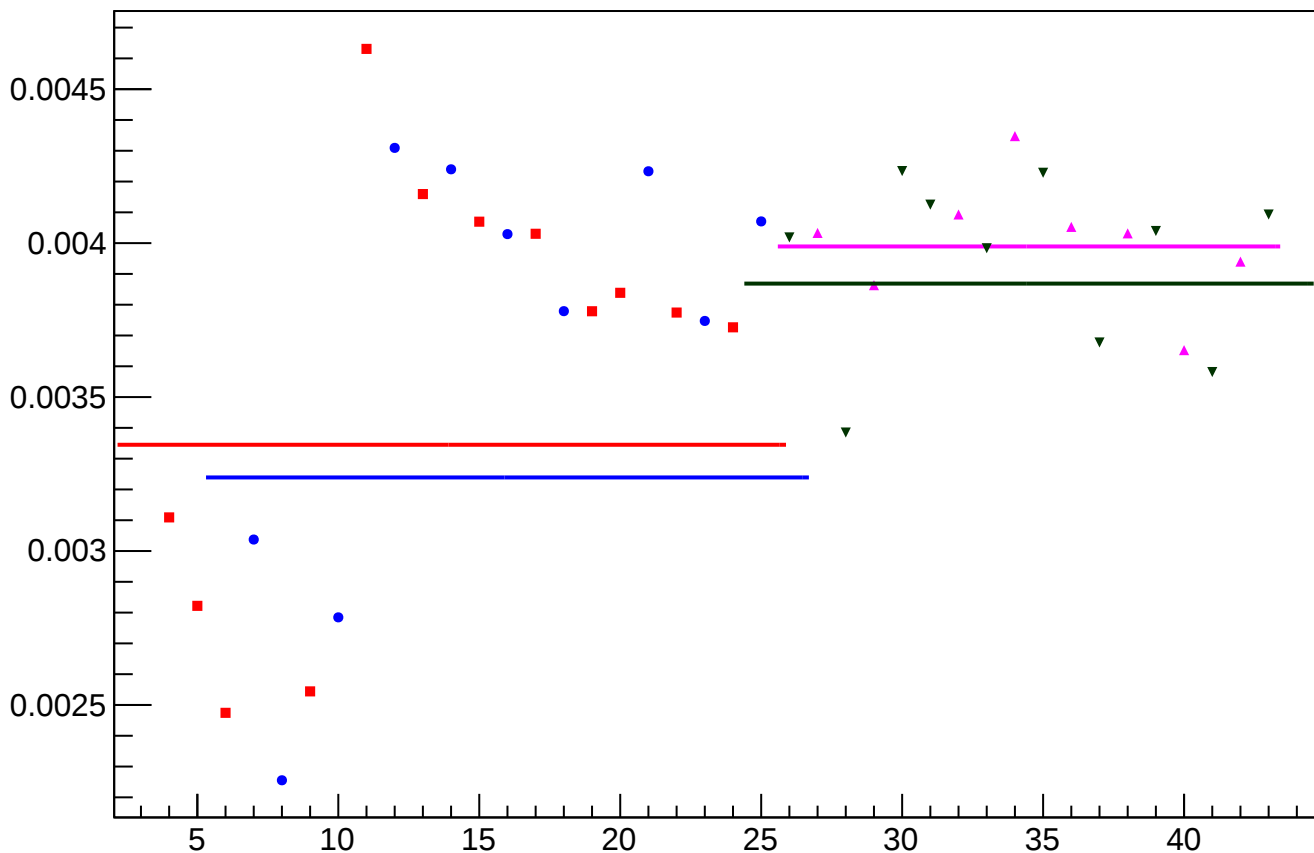
0.858+/-0.000 χ^2/NDF : 124563938415.9/19

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.785+/-0.000 χ^2/NDF : 177001017249.0/19

Left In: 0.862+/-0.000 χ^2/NDF : 10910599719.1/7

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 :59617.0/9

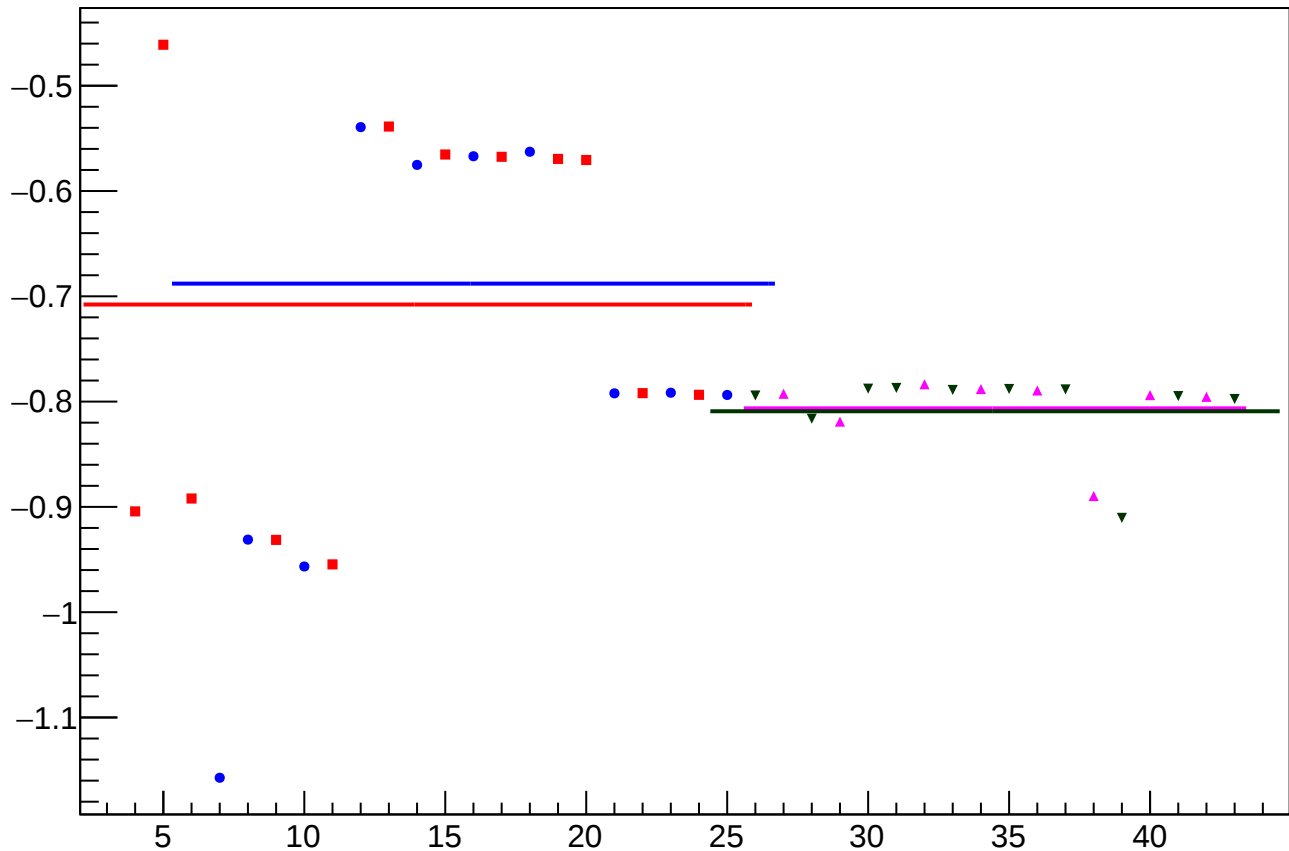
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF :18470.7/7

0.003+/-0.000 χ^2/NDF : 970898.7/19

0.004+/-0.000 χ^2/NDF : 755047.2/19

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

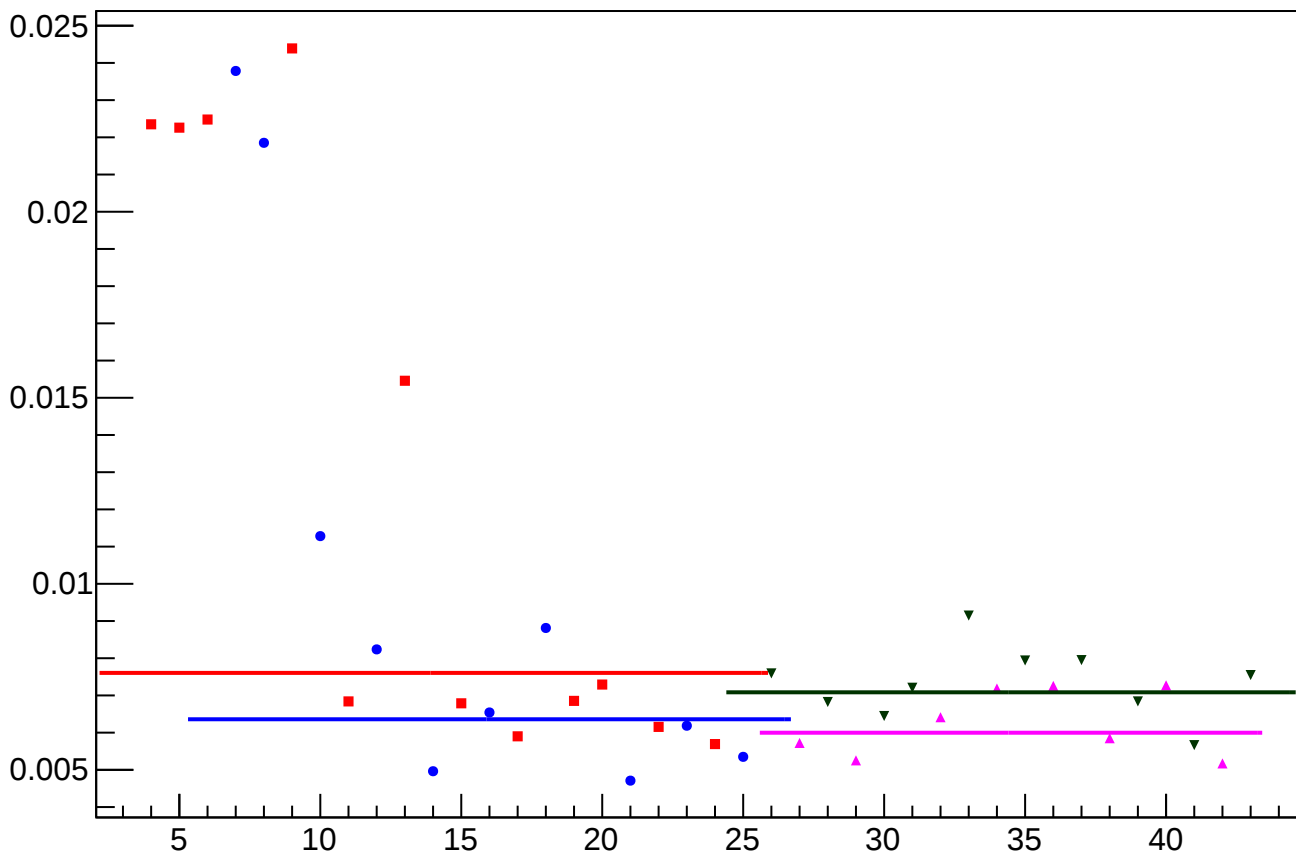
Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

Left In: -0.806+/-0.000 χ^2/NDF : 94870207.0/7

-0.740+/-0.000 χ^2/NDF : 2614585272.0/19

-0.765+/-0.000 χ^2/NDF : 2227512807.7/19

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 :128168.7/9

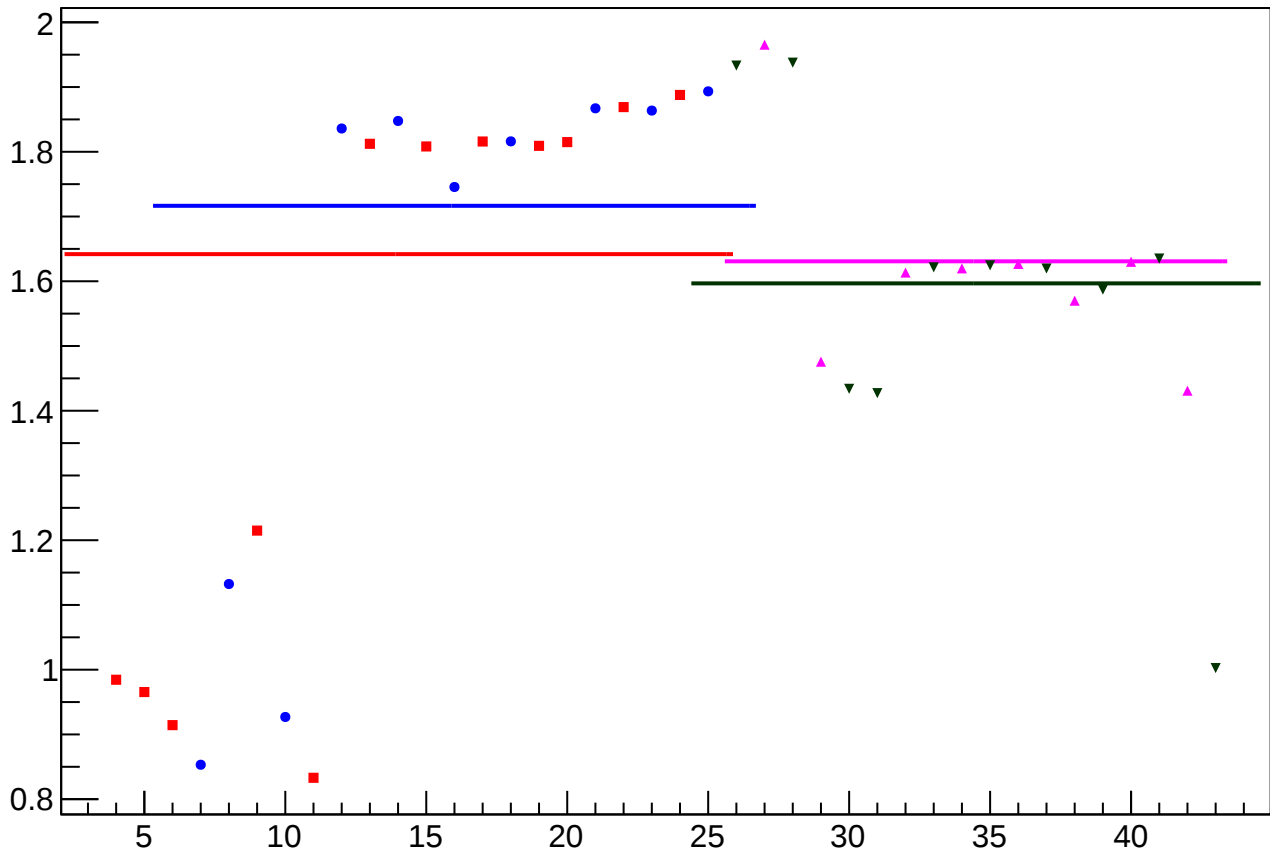
0.007+/-0.000 χ^2/NDF : 2008514.7/19

Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

0.007+/-0.000 χ^2/NDF : 2628847.2/19

Left In: 0.006+/-0.000 χ^2/NDF :115247.9/7

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2 /NDF: 10938016030.0/9

Left Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 6672070685.1/9

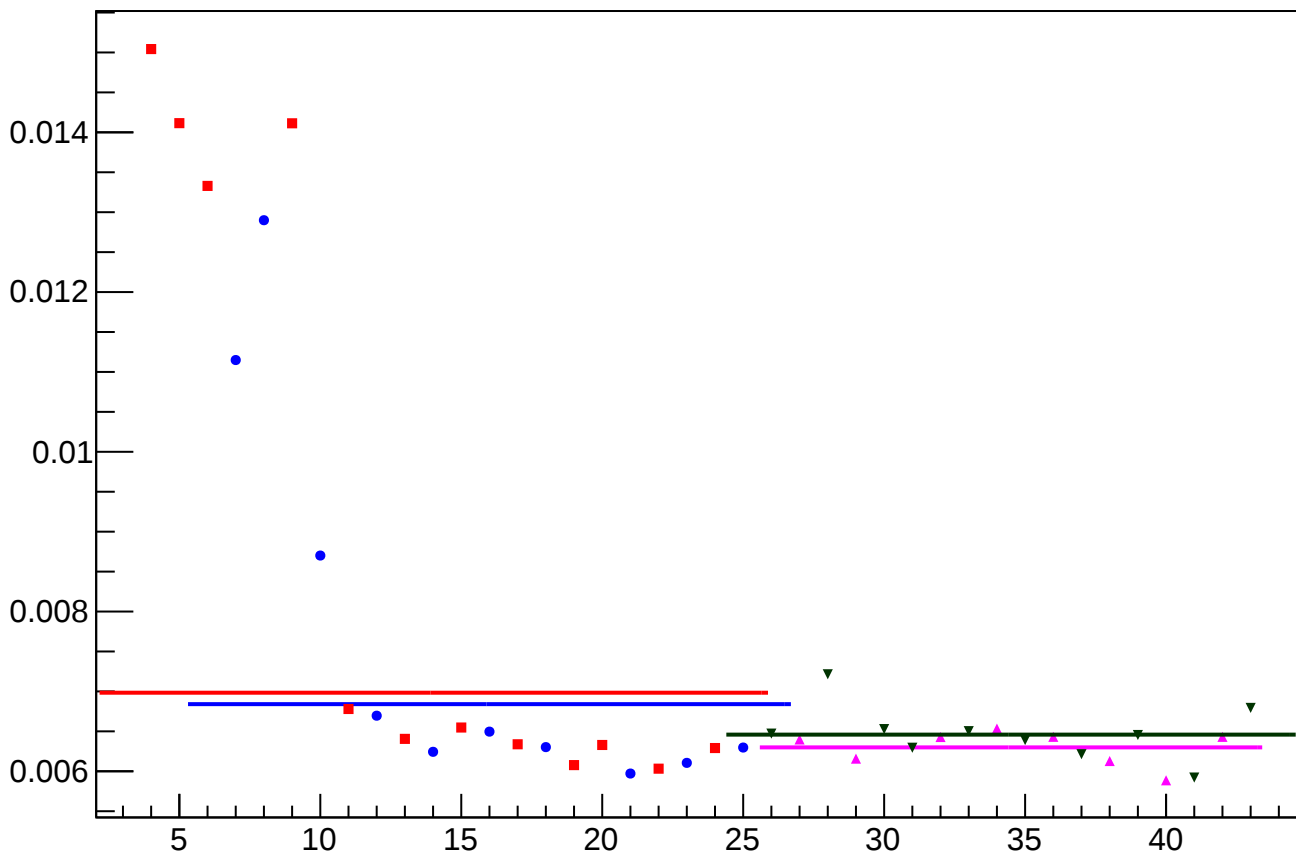
1.657 $\pm$ 0.000 χ^2 /NDF: 18461903960.4/19

Right Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 15751478429.4/11

1.636 $\pm$ 0.000 χ^2 /NDF: 18886691459.4/19

Left In: 1.631 $\pm$ 0.000 χ^2 /NDF: 3128196413.4/7

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 : 26704.2/9

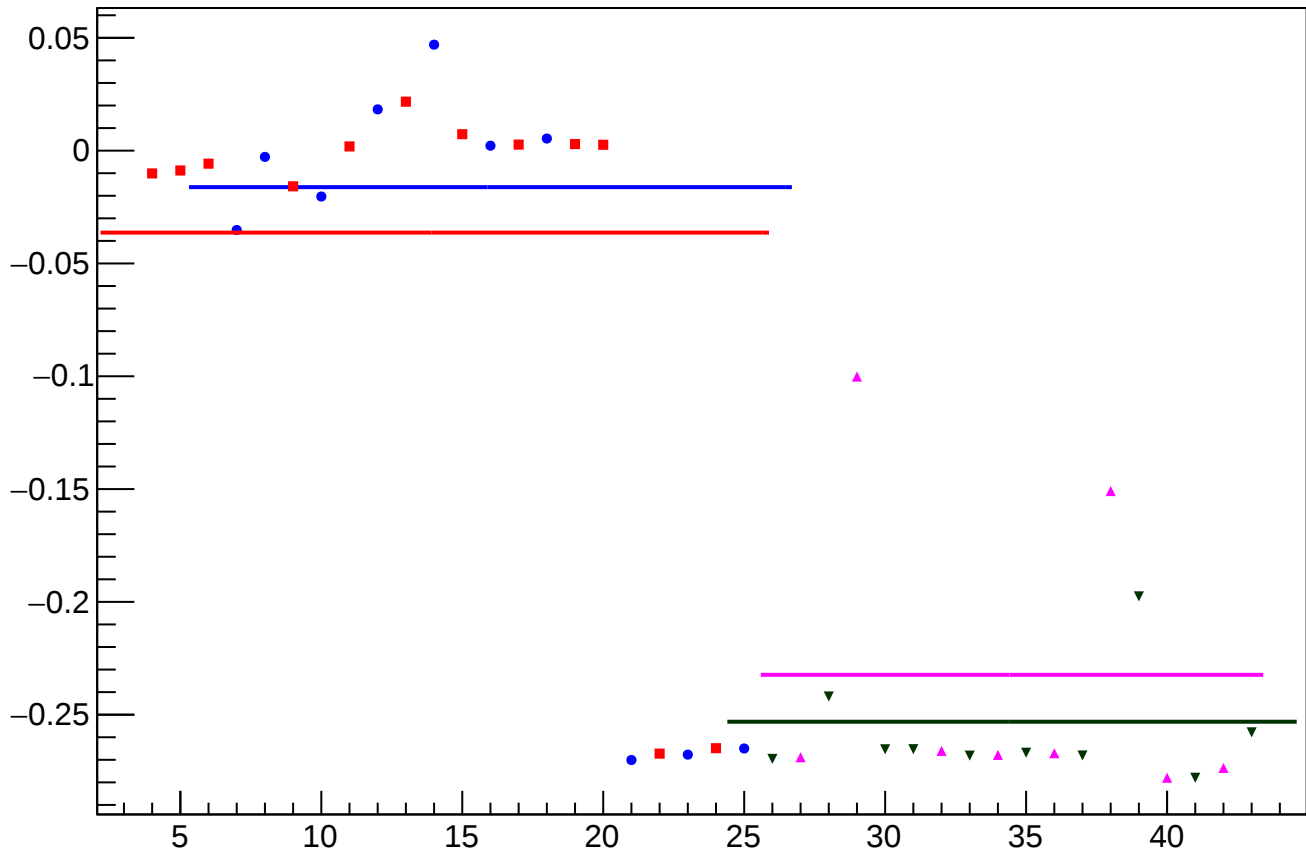
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF : 8957.1/7

0.007+/-0.000 χ^2/NDF : 644945.4/19

0.007+/-0.000 χ^2/NDF : 1036004.0/19

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 : 114103318.3/9

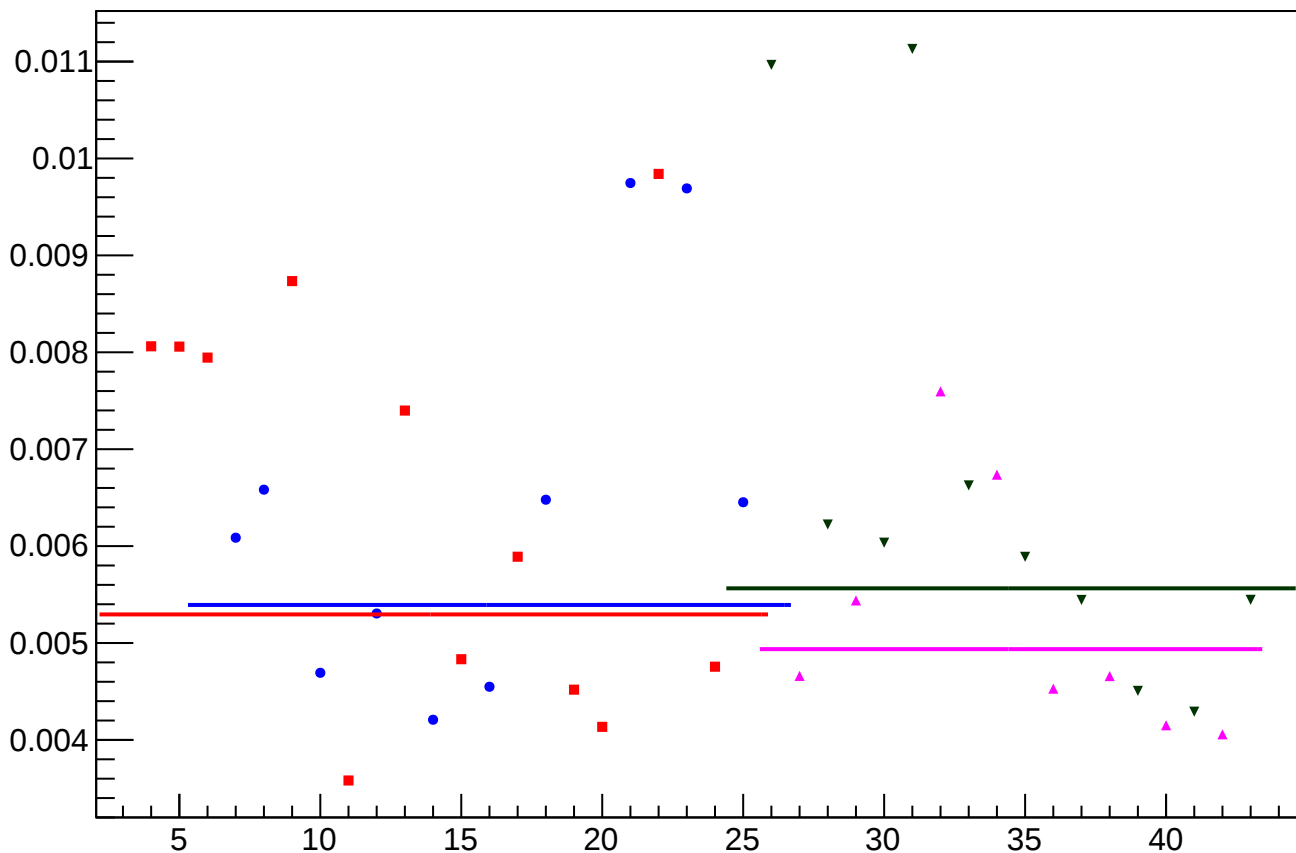
-0.119+/-0.000 χ^2/NDF : 6173337226.2/19

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.130+/-0.000 χ^2/NDF : 6063071708.6/19

Left In: -0.232+/-0.000 χ^2/NDF : 777212544.8/7

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 : 608011.7/9

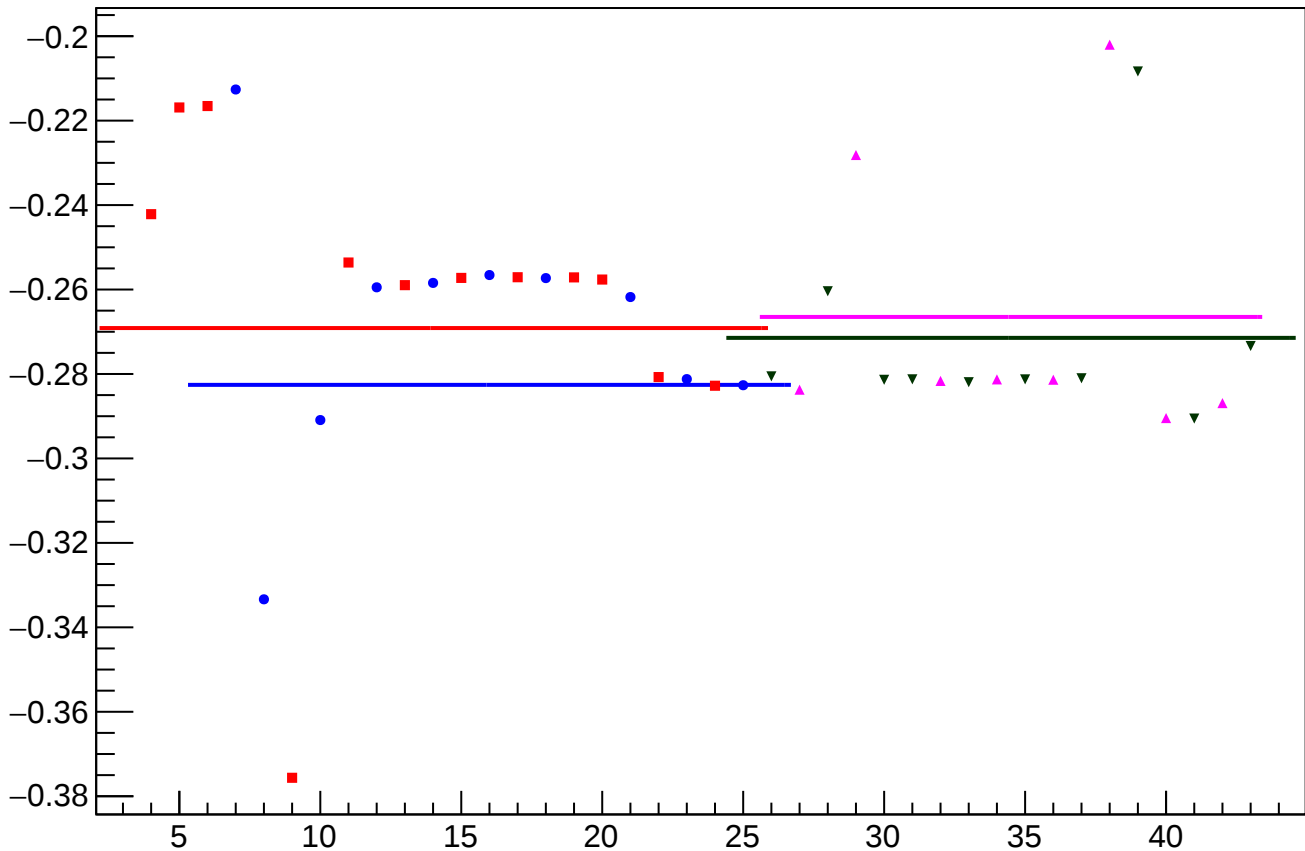
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF : 362501.8/7

0.005+/-0.000 χ^2/NDF : 1421985.7/19

0.005+/-0.000 χ^2/NDF : 1592958.0/19

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 : 349277523.0/9

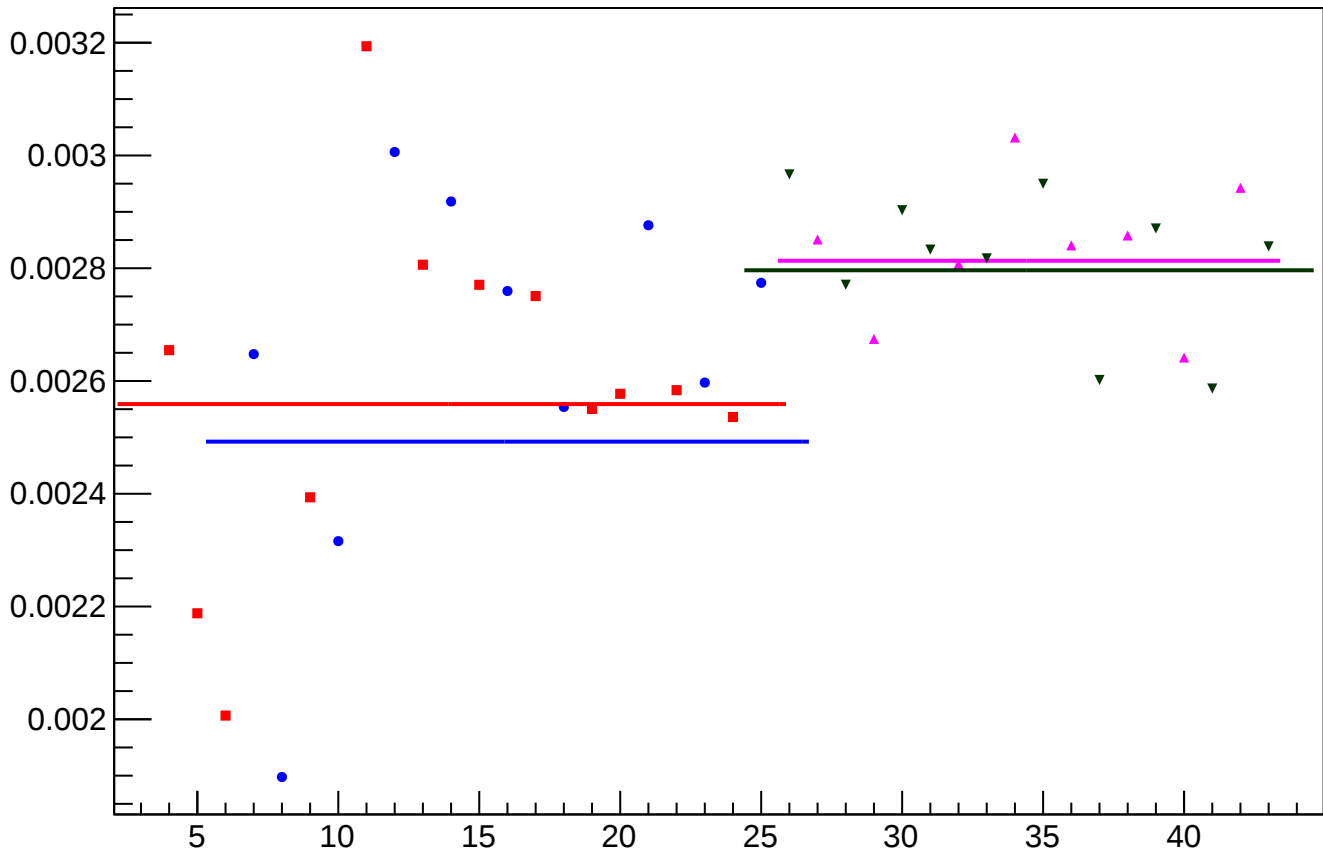
-0.278+/-0.000 χ^2/NDF : 1464927787.3/19

Right Out: -0.269+/-0.000 χ^2/NDF : 1935701786.6/11

-0.268+/-0.000 χ^2/NDF : 2489310672.8/19

Left In: -0.266+/-0.000 χ^2/NDF : 551026676.1/7

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 :22003.3/9

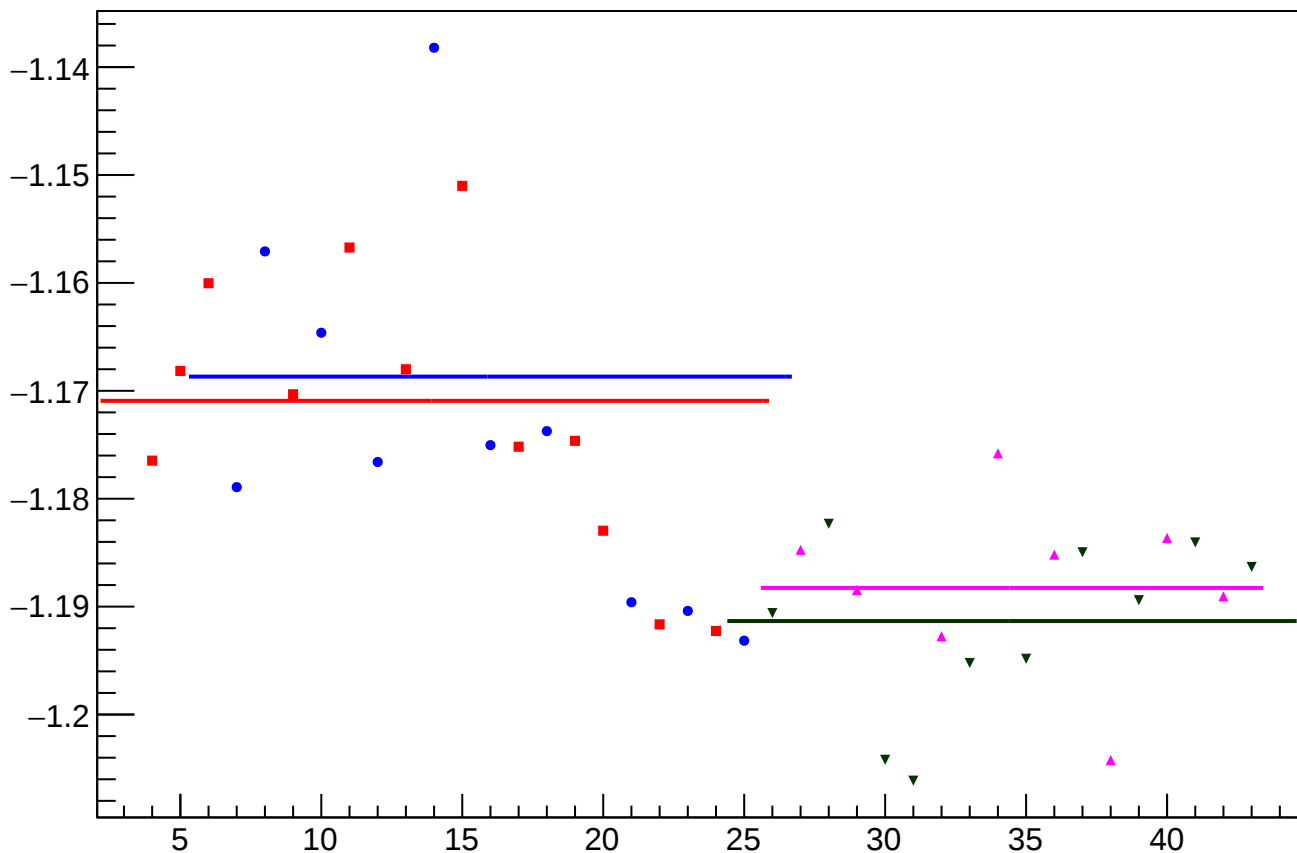
0.003+/-0.000 χ^2/NDF : 398562.0/19

Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

0.003+/-0.000 χ^2/NDF : 240442.8/19

Left In: 0.003+/-0.000 χ^2/NDF :15899.3/7

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.191+/-0.000 χ^2/NDF : 4812748.3/9

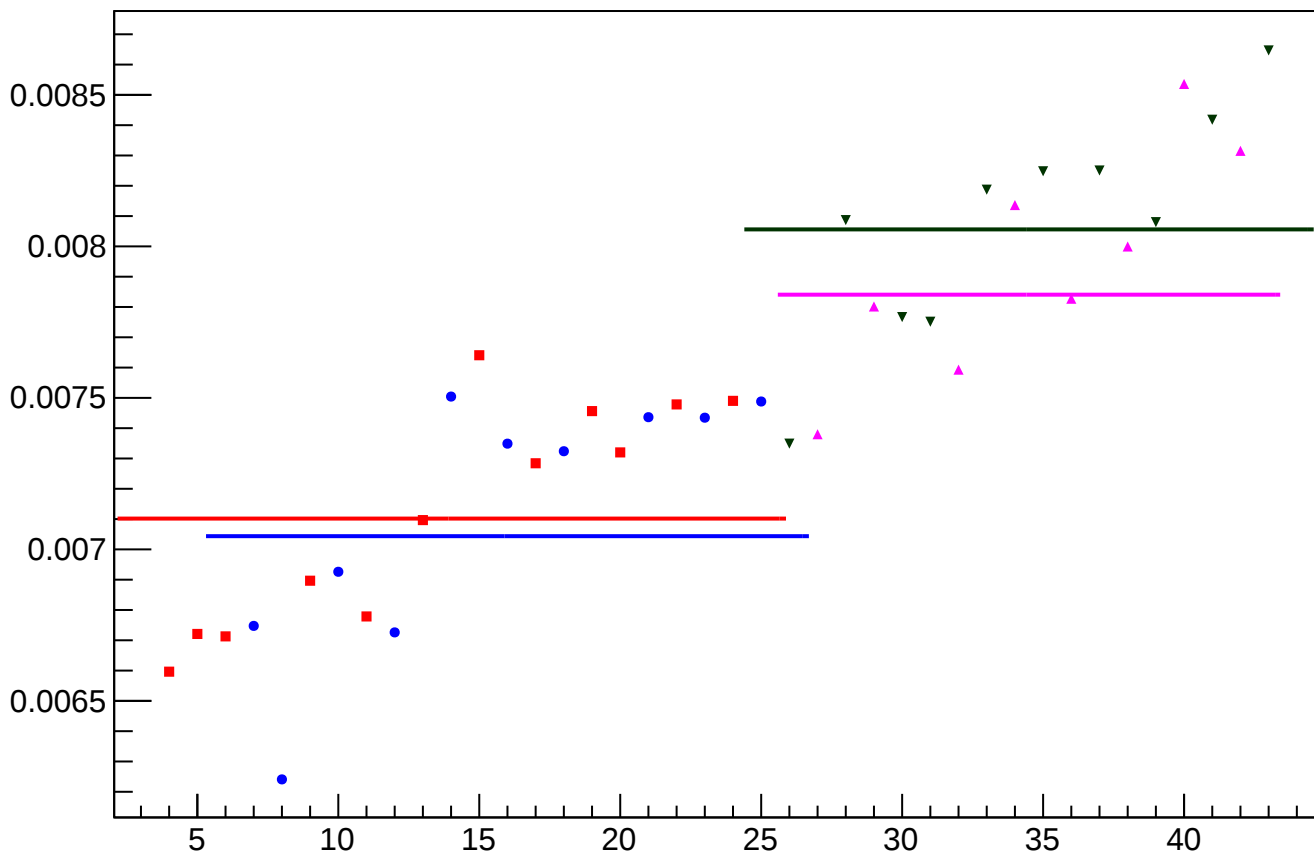
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.188+/-0.000 χ^2/NDF : 3874777.2/7

-1.177+/-0.000 χ^2/NDF : 65838215.0/19

-1.178+/-0.000 χ^2/NDF : 37585894.5/19

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 :19479.9/9

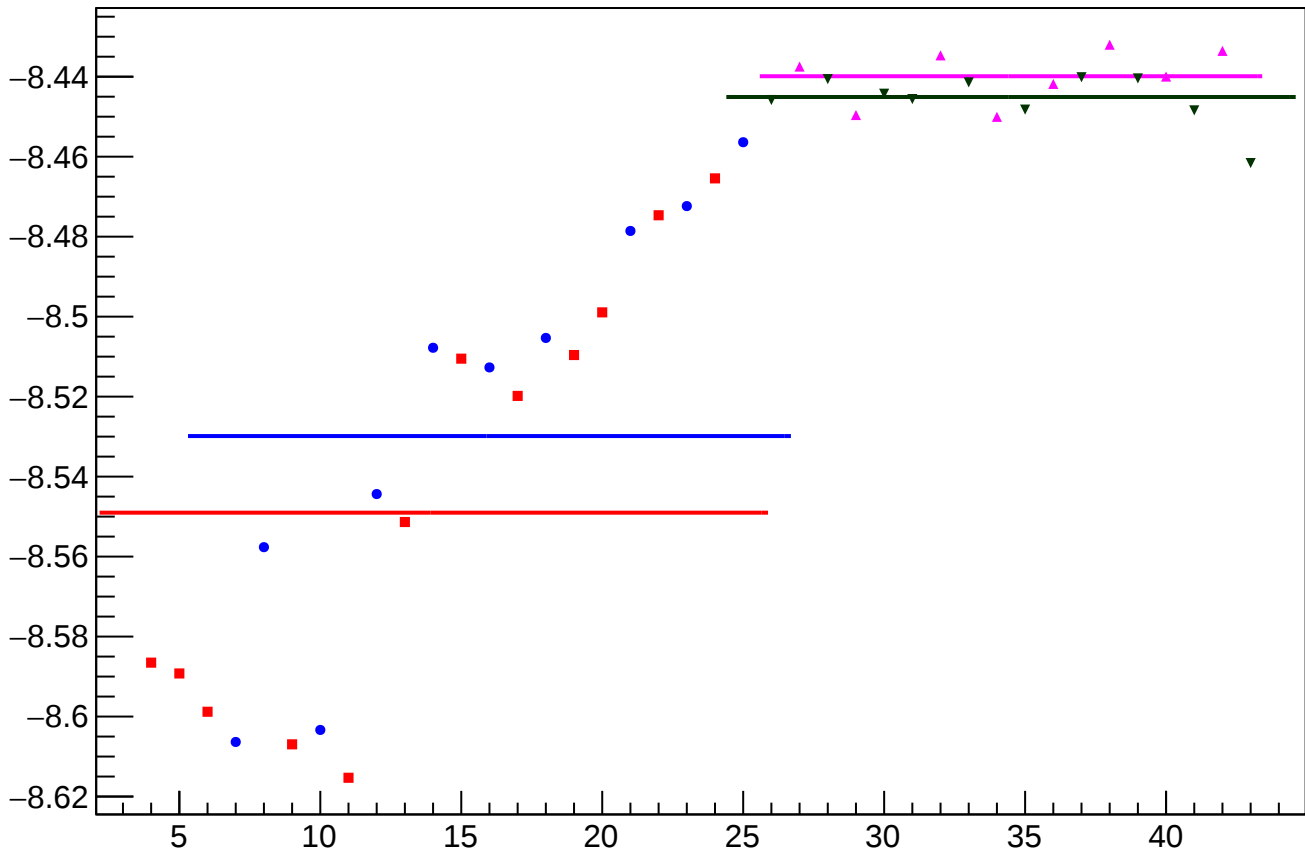
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.008+/-0.000 χ^2/NDF :19902.8/7

0.007+/-0.000 χ^2/NDF : 175936.6/19

0.007+/-0.000 χ^2/NDF : 101892.8/19

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

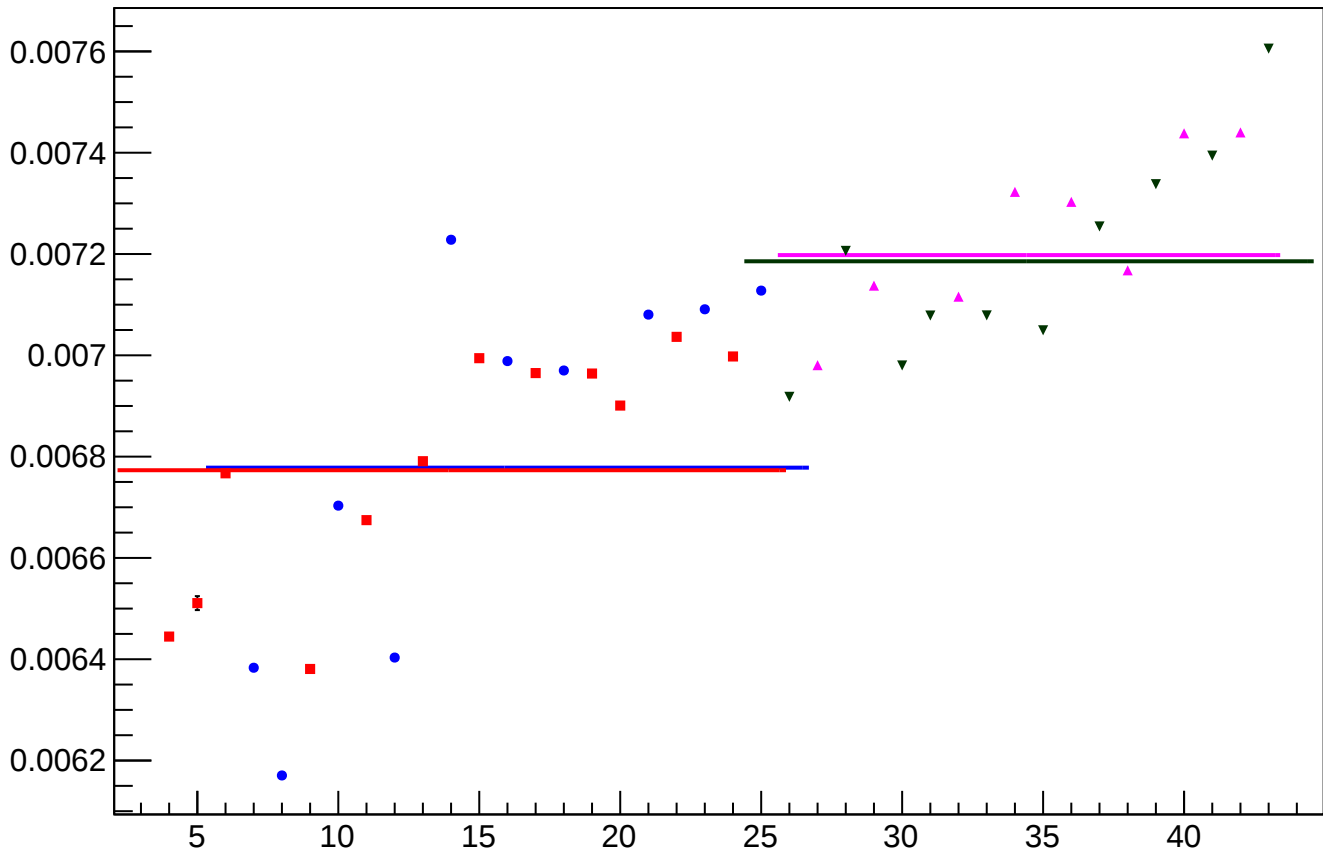
-8.494+/-0.000 χ^2/NDF : 712123354.4/19

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.504+/-0.000 χ^2/NDF : 1071568602.9/19

Left In: -8.440+/-0.000 χ^2/NDF : 4159465.7/7

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 : 7631.6/9

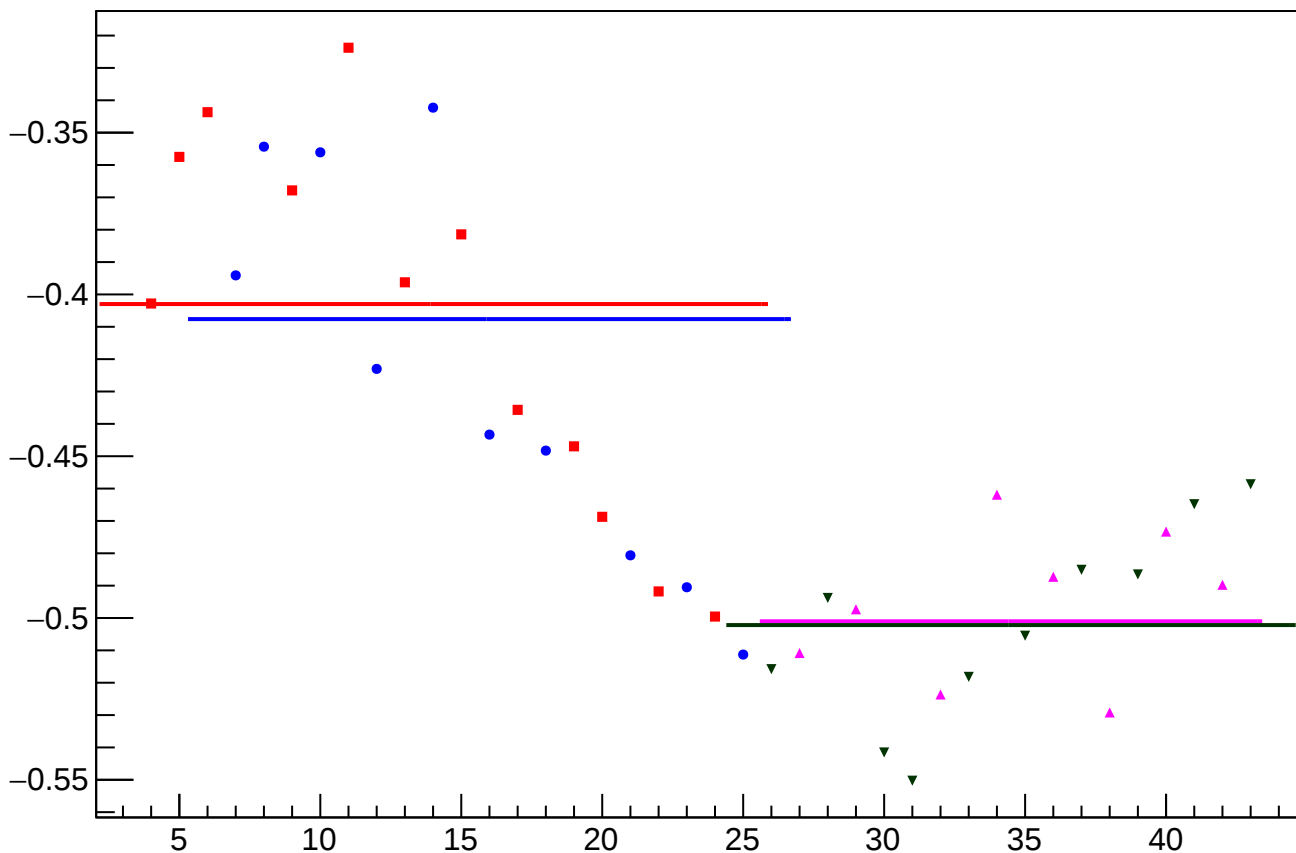
0.007+/-0.000 χ^2/NDF : 67261.2/19

Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

0.007+/-0.000 χ^2/NDF : 39477.3/19

Left In: 0.007+/-0.000 χ^2/NDF : 4672.0/7

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.502+/-0.000 χ^2/NDF : 9337230.3/9

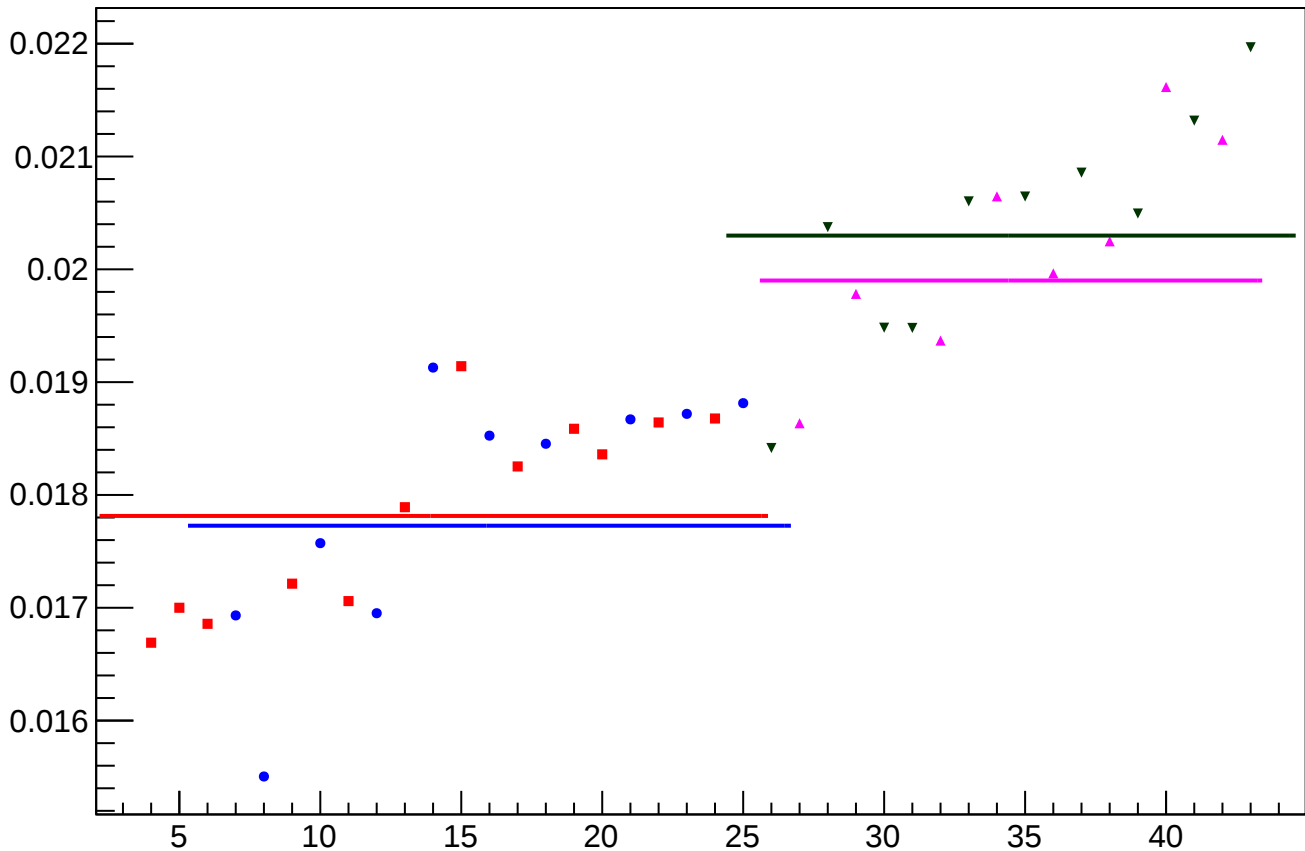
Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.501+/-0.000 χ^2/NDF : 5389659.8/7

-0.444+/-0.000 χ^2/NDF : 144435205.7/19

-0.441+/-0.000 χ^2/NDF : 142559659.3/19

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 :22702.3/9

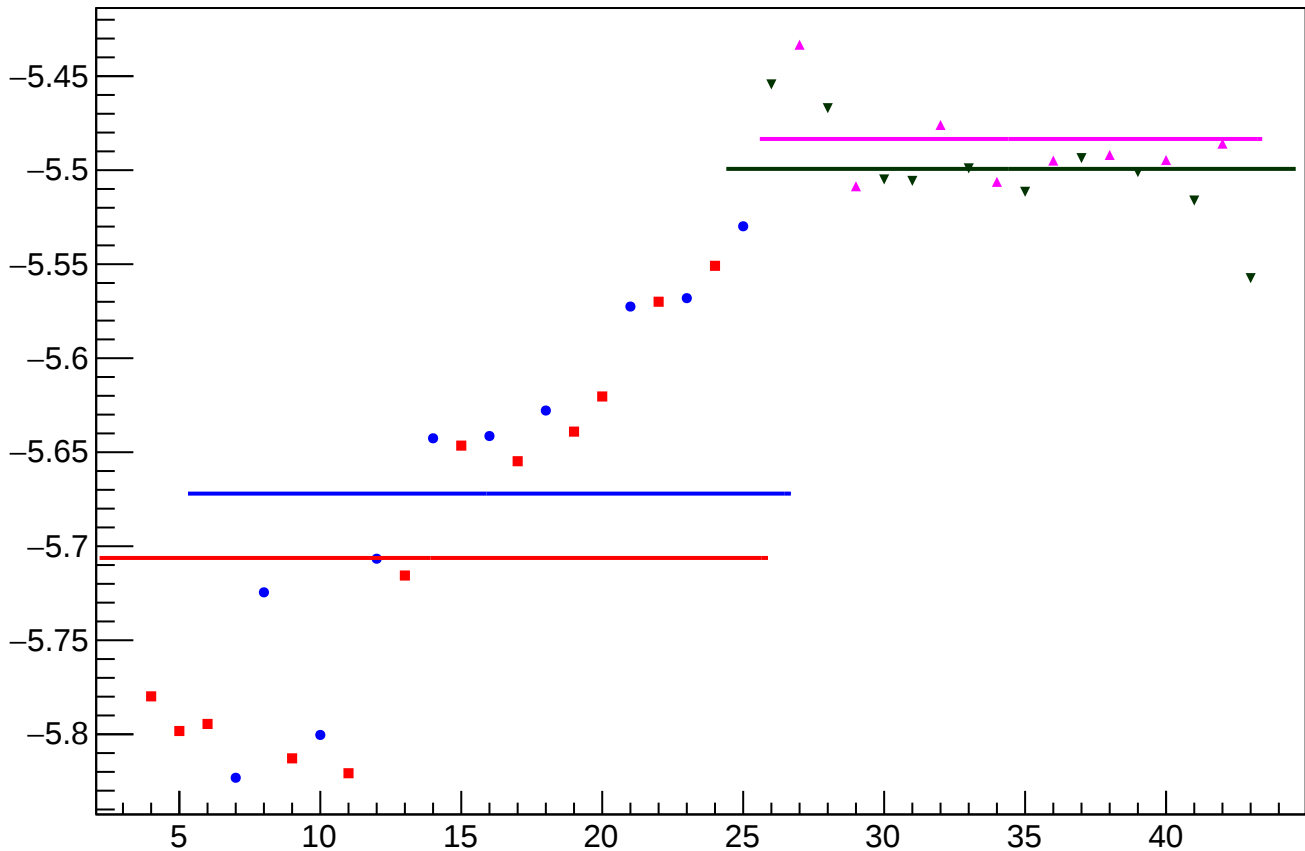
0.019+/-0.000 χ^2/NDF : 191225.0/19

Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

0.019+/-0.000 χ^2/NDF : 112865.2/19

Left In: 0.020+/-0.000 χ^2/NDF :20406.1/7

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

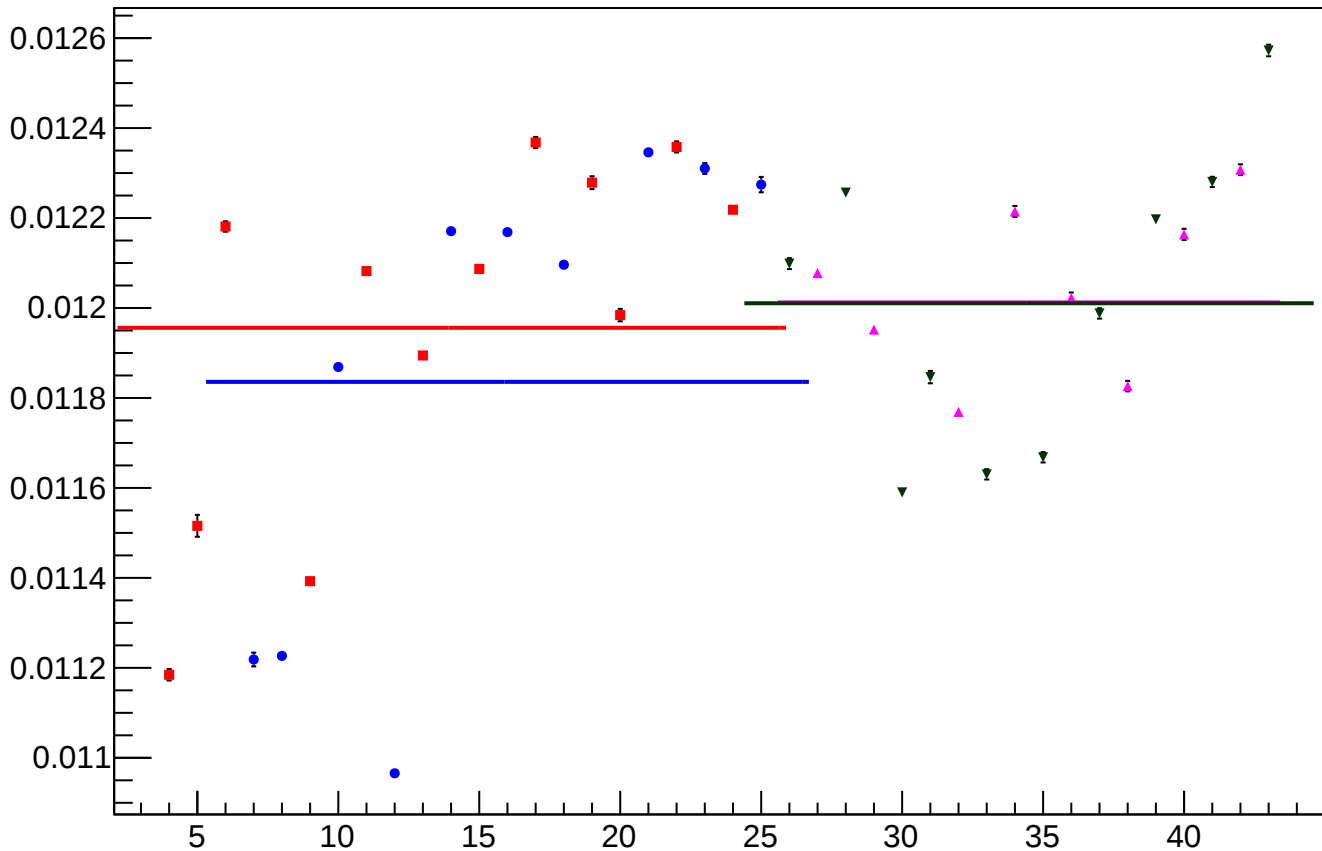
-5.595+/-0.000 χ^2/NDF : 943798312.6/19

Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

-5.607+/-0.000 χ^2/NDF : 1395030506.3/19

Left In: -5.483+/-0.000 χ^2/NDF : 21745460.8/7

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 : 6913.8/9

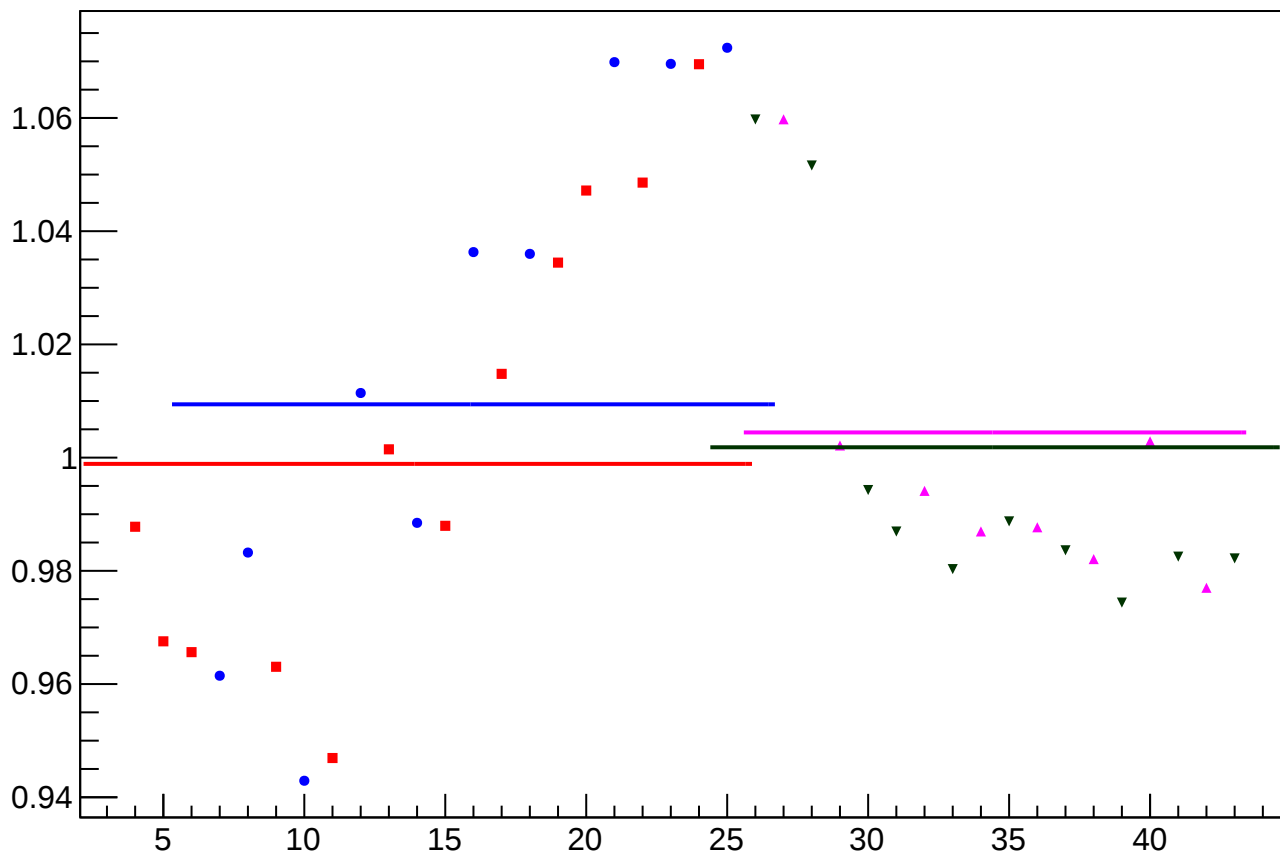
0.012+/-0.000 χ^2/NDF : 30434.8/19

Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

0.012+/-0.000 χ^2/NDF : 13981.0/19

Left In: 0.012+/-0.000 χ^2/NDF : 2145.7/7

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.002+/-0.000 χ^2/NDF : 93267140.0/9

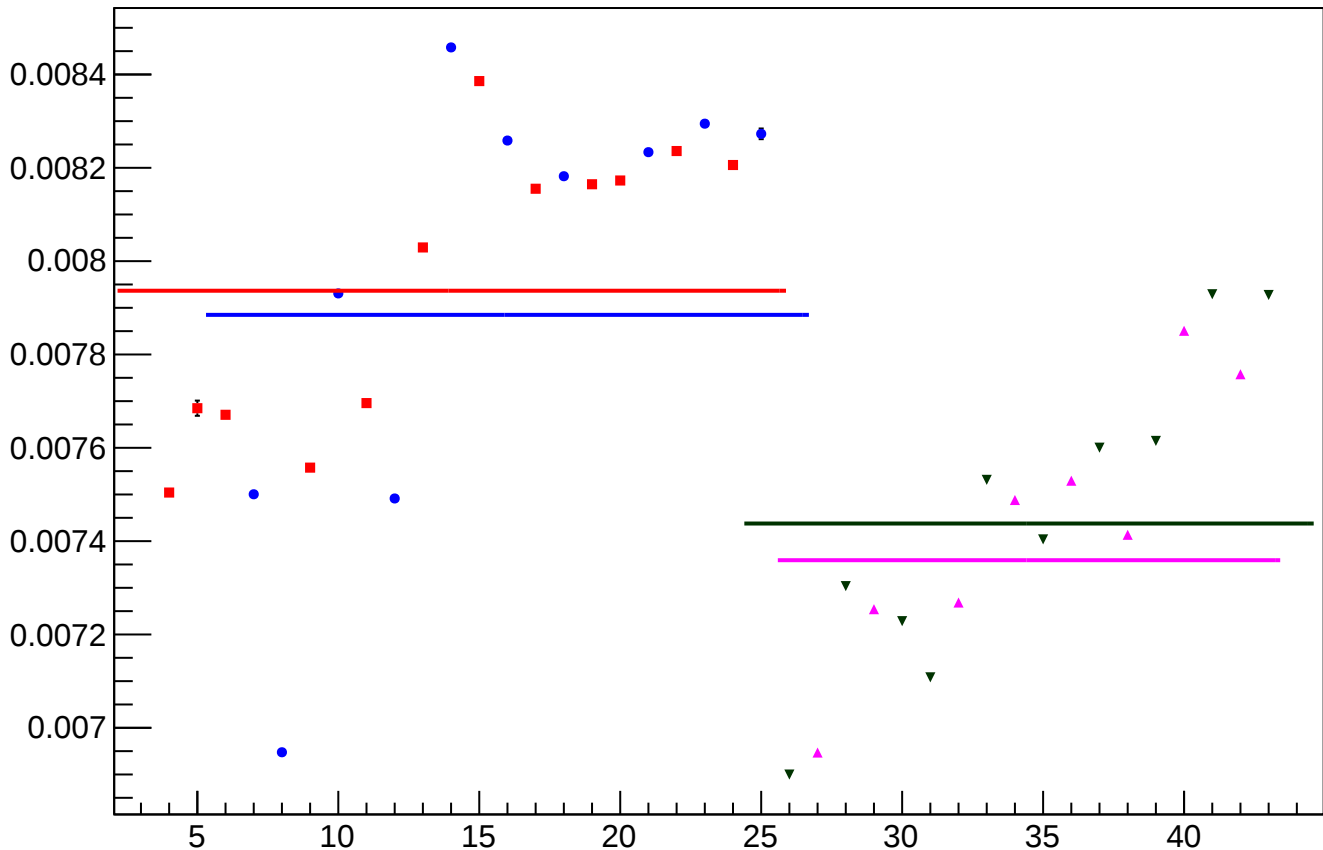
Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

Left In: 1.004+/-0.000 χ^2/NDF : 71357127.0/7

1.006+/-0.000 χ^2/NDF : 278335387.5/19

1.002+/-0.000 χ^2/NDF : 220435877.4/19

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 :18100.0/9

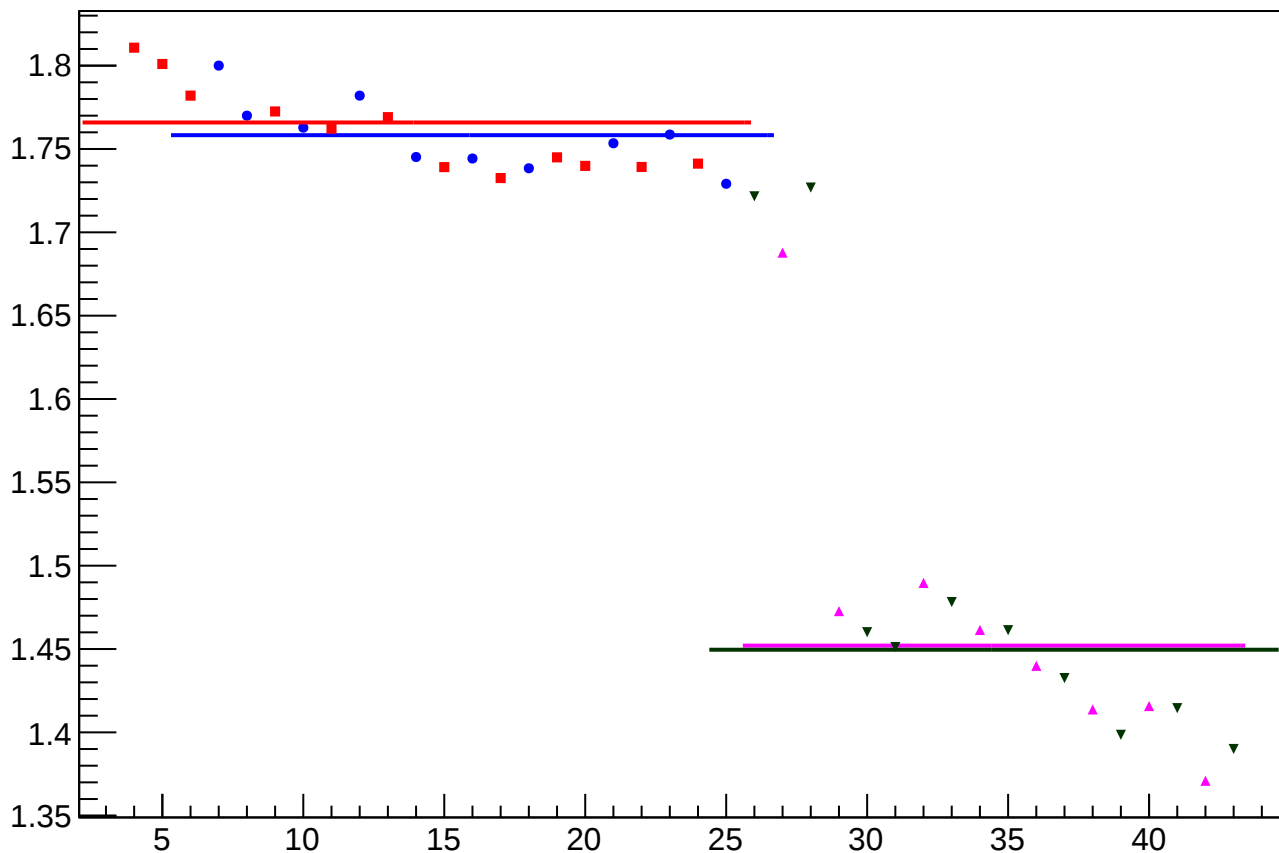
0.008+/-0.000 χ^2/NDF : 95841.8/19

Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

0.008+/-0.000 χ^2/NDF : 63634.2/19

Left In: 0.007+/-0.000 χ^2/NDF :13903.5/7

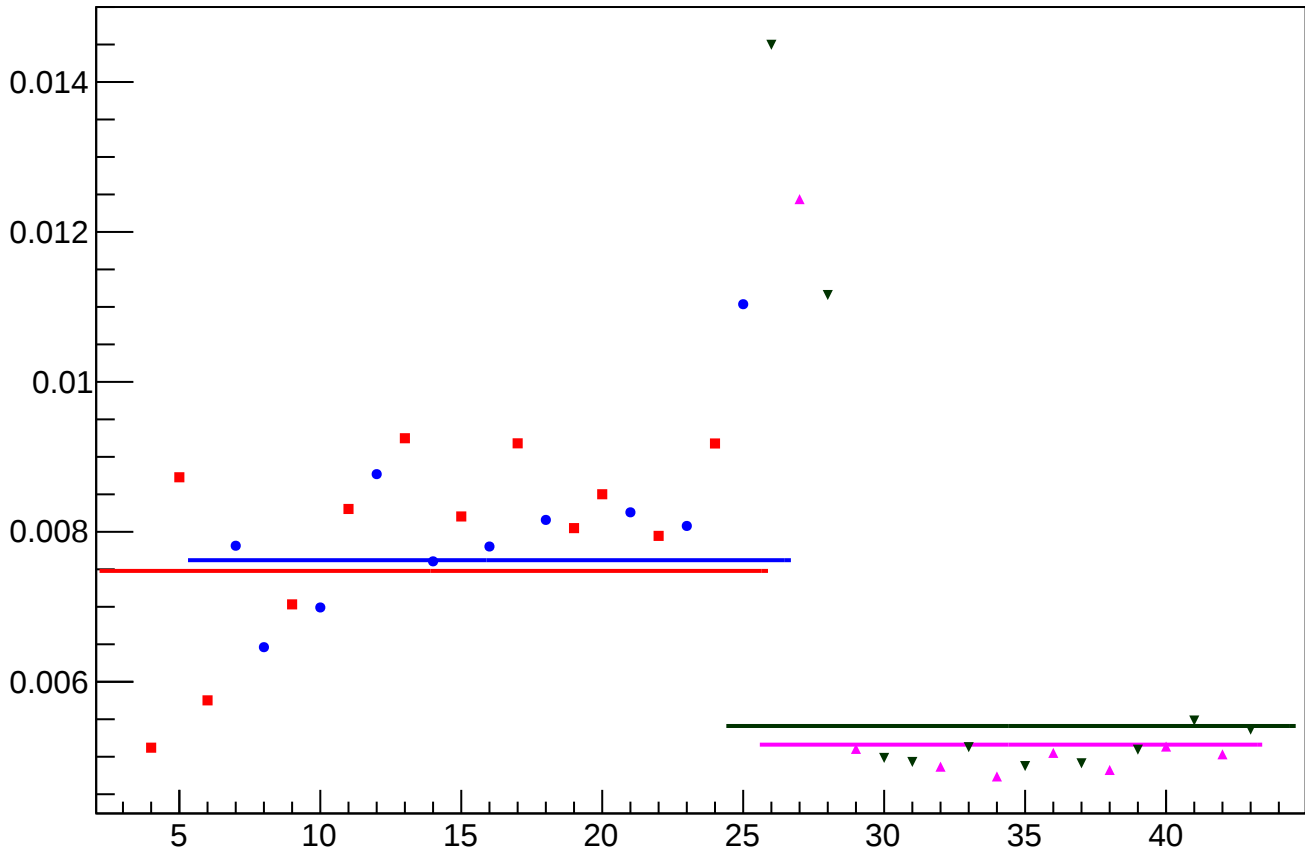
yield_bpm1i04Y_mean vs slug



Right In: 1.758+/-0.000 χ^2/NDF : 25411176.0/9
 Left Out: 1.450+/-0.000 χ^2/NDF : 719591225.9/9
 Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11
 Left In: 1.452+/-0.000 χ^2/NDF : 514898252.7/7

1.571+/-0.000 χ^2/NDF : 6727511214.2/19
 1.572+/-0.000 χ^2/NDF : 6969891326.6/19

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 : 753040.6/9

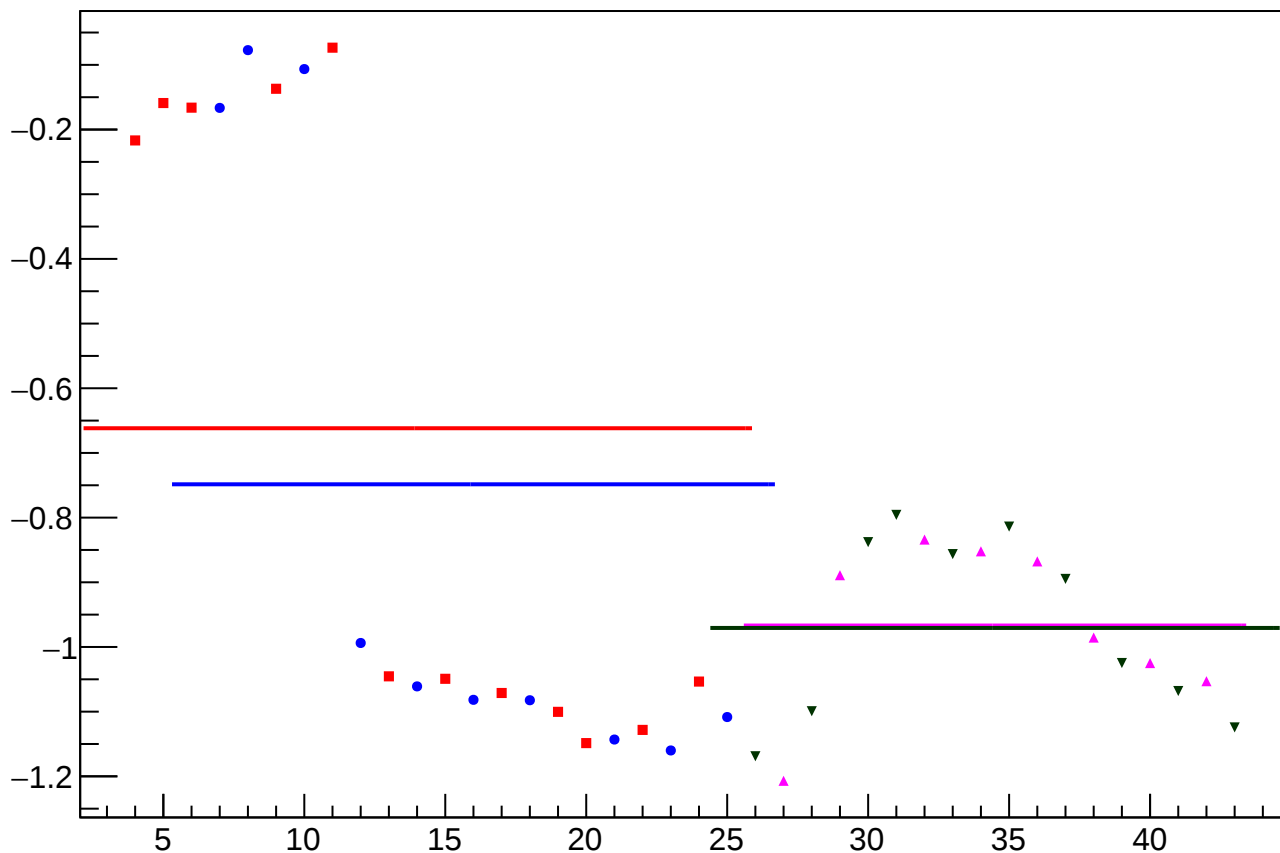
0.006+/-0.000 χ^2/NDF : 1519485.2/19

Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

0.006+/-0.000 χ^2/NDF : 1647501.8/19

Left In: 0.005+/-0.000 χ^2/NDF : 513342.4/7

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -0.971+/-0.000 χ^2/NDF : 1156218036.6/9

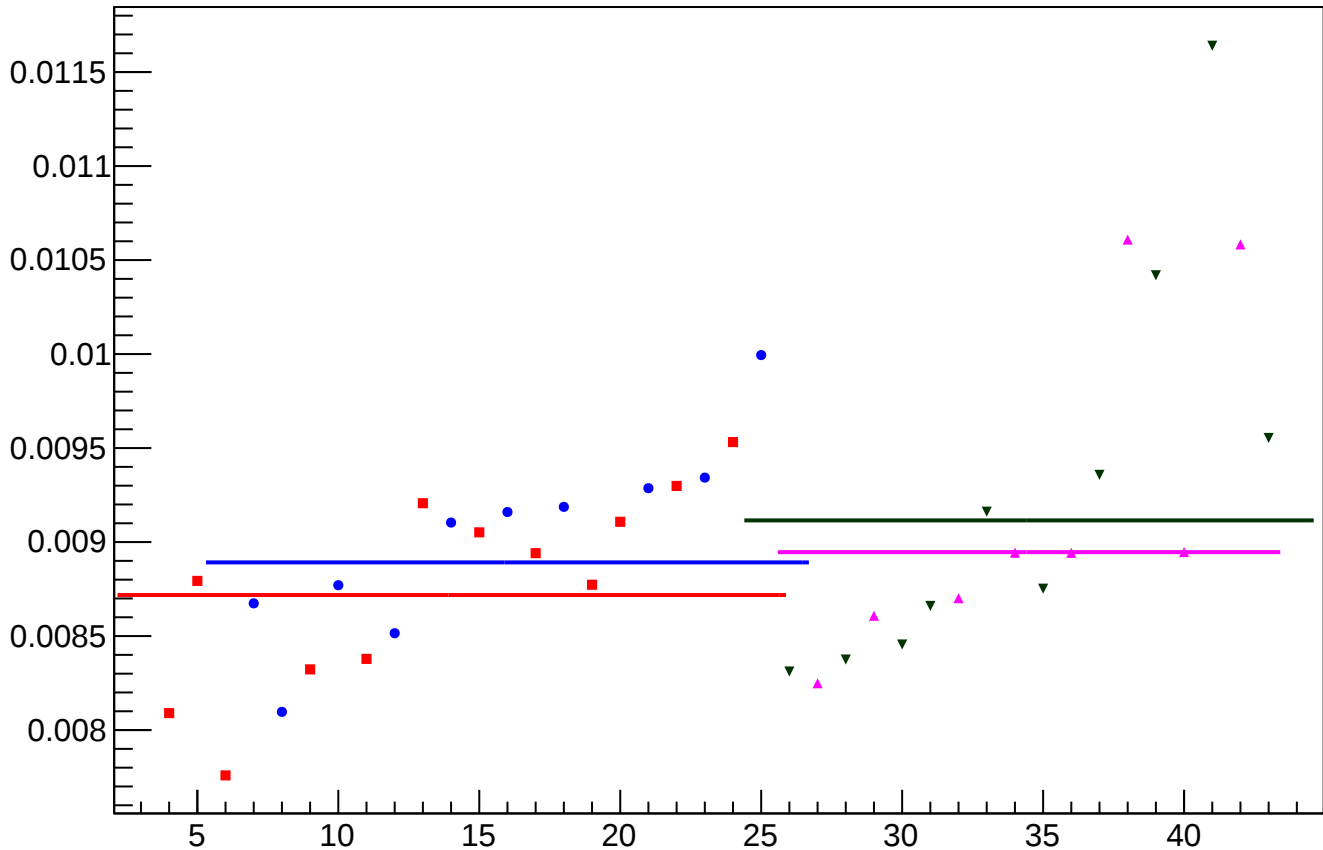
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -0.967+/-0.000 χ^2/NDF : 1170271821.4/7

-0.846+/-0.000 χ^2/NDF : 20313821193.1/19

-0.794+/-0.000 χ^2/NDF : 22217605987.1/19

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 :104201.5/9

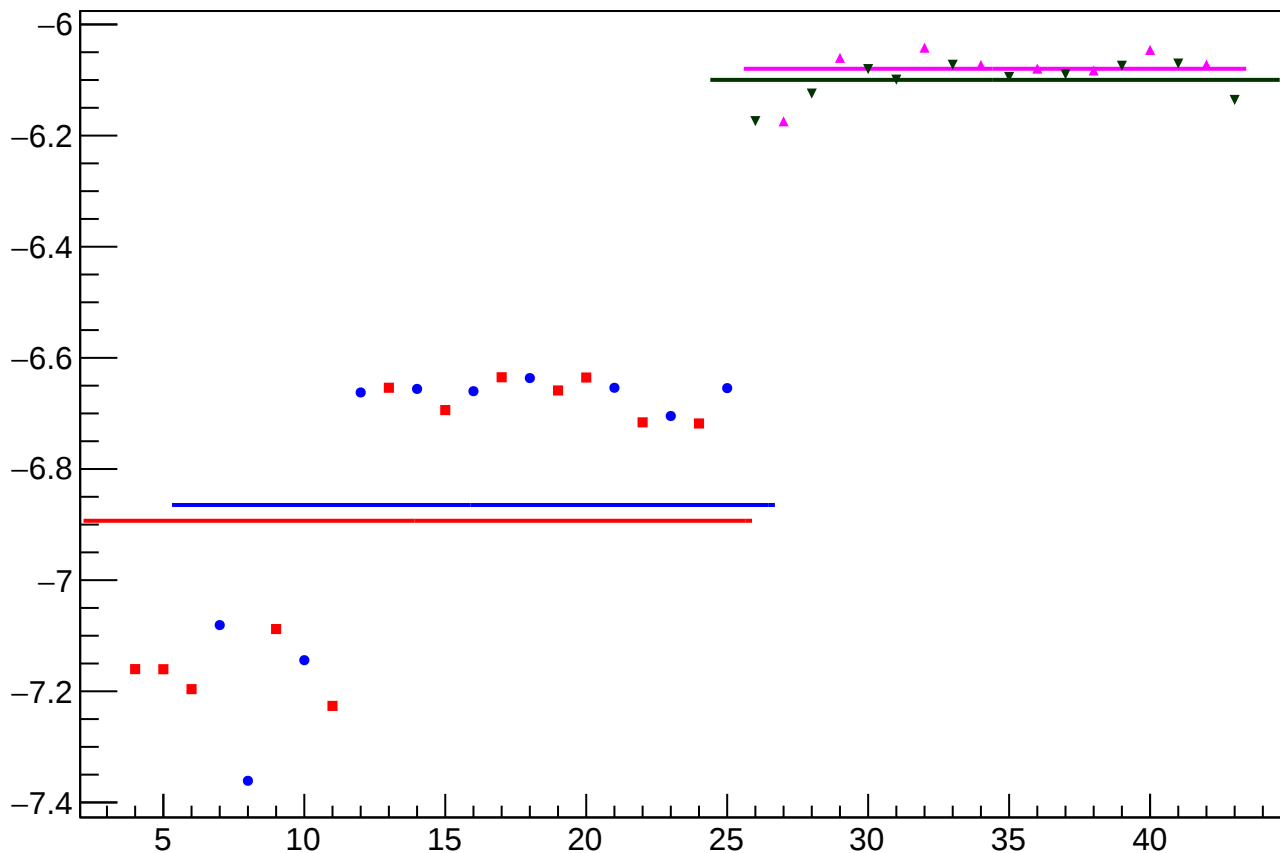
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.009+/-0.000 χ^2/NDF :65771.9/7

0.009+/-0.000 χ^2/NDF : 142014.9/19

0.009+/-0.000 χ^2/NDF : 117099.1/19

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

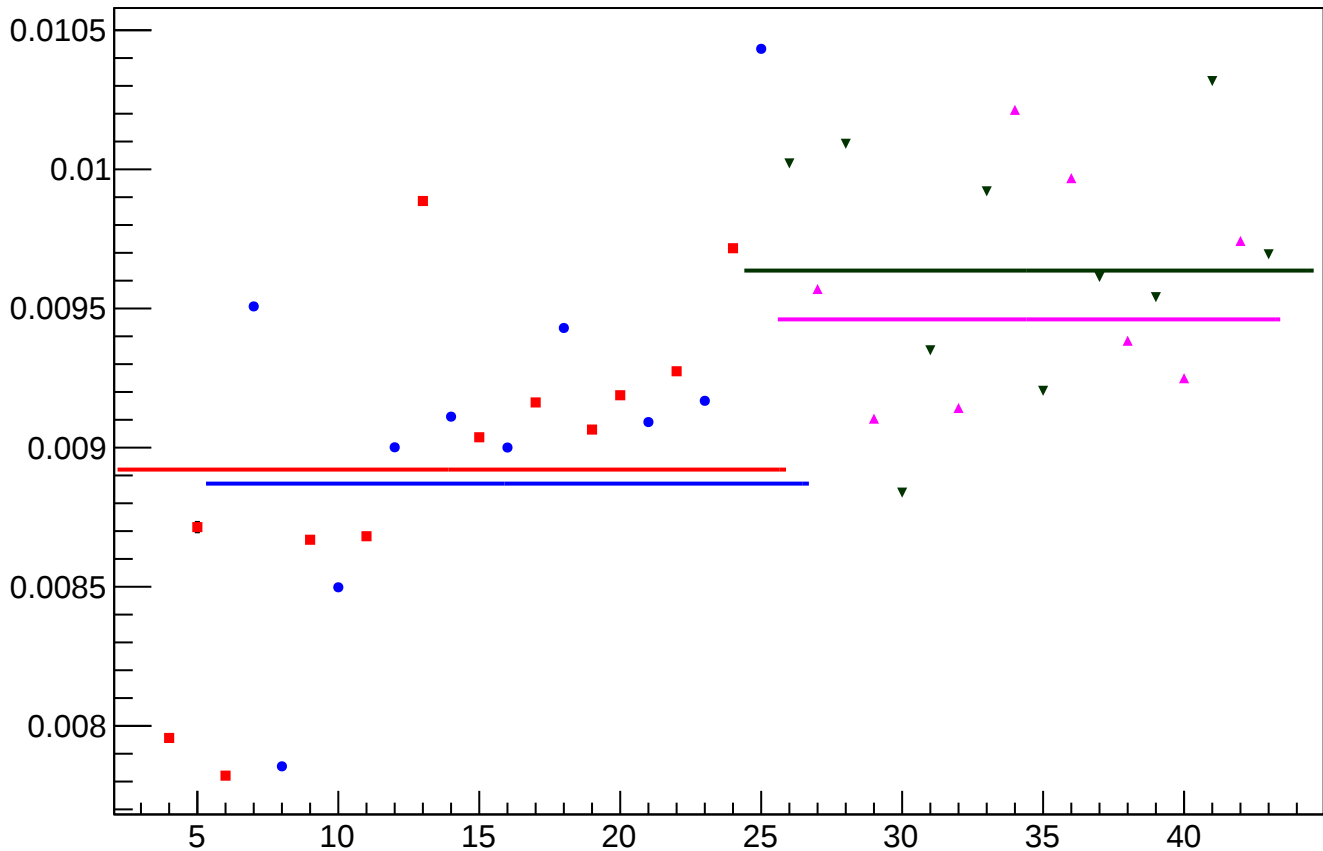
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.080+/-0.000 χ^2/NDF : 104960035.7/7

-6.551+/-0.000 χ^2/NDF : 25703309803.3/19

-6.551+/-0.000 χ^2/NDF : 26113072084.5/19

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 : 21331.0/9

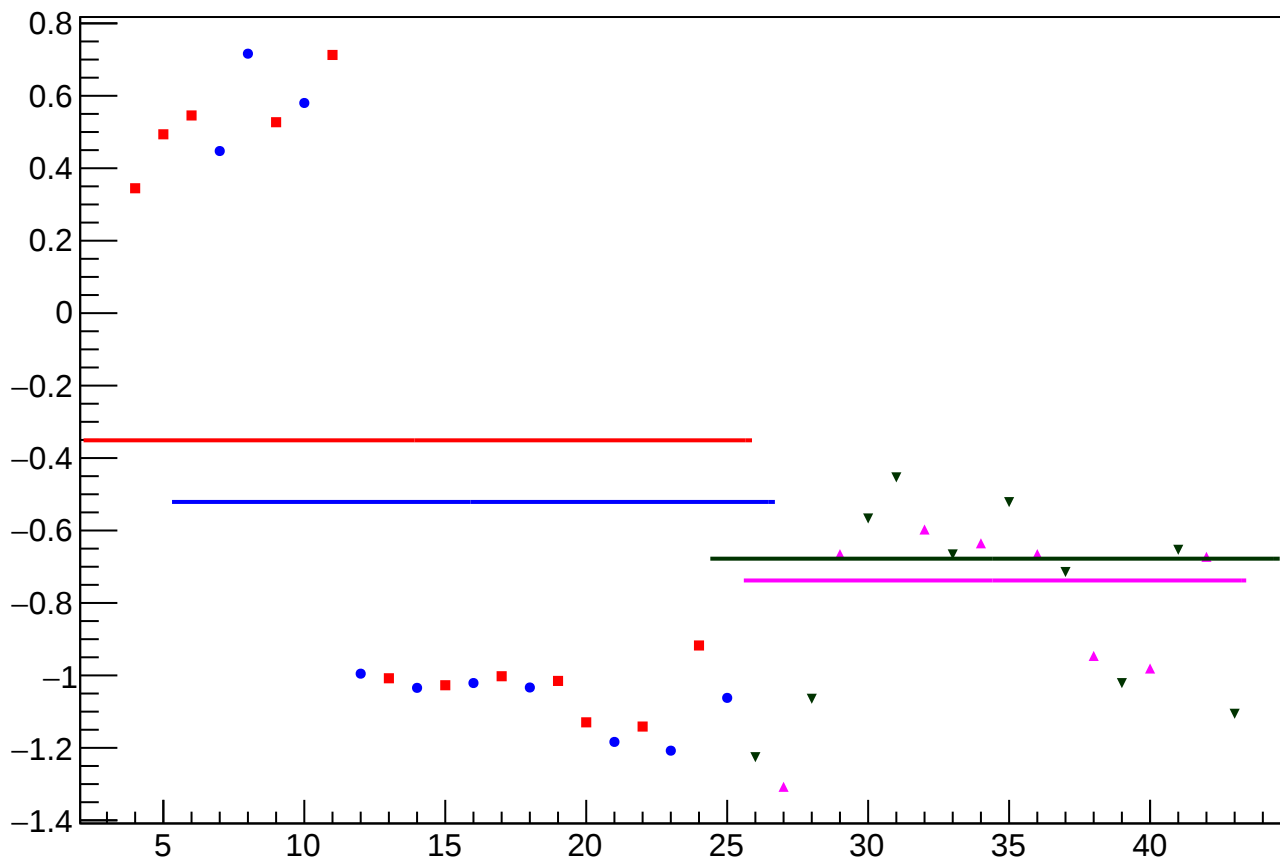
0.009+/-0.000 χ^2/NDF : 113399.9/19

Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

0.009+/-0.000 χ^2/NDF : 94068.3/19

Left In: 0.009+/-0.000 χ^2/NDF : 14105.9/7

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -0.678+/-0.000 χ^2/NDF : 1358570765.2/9

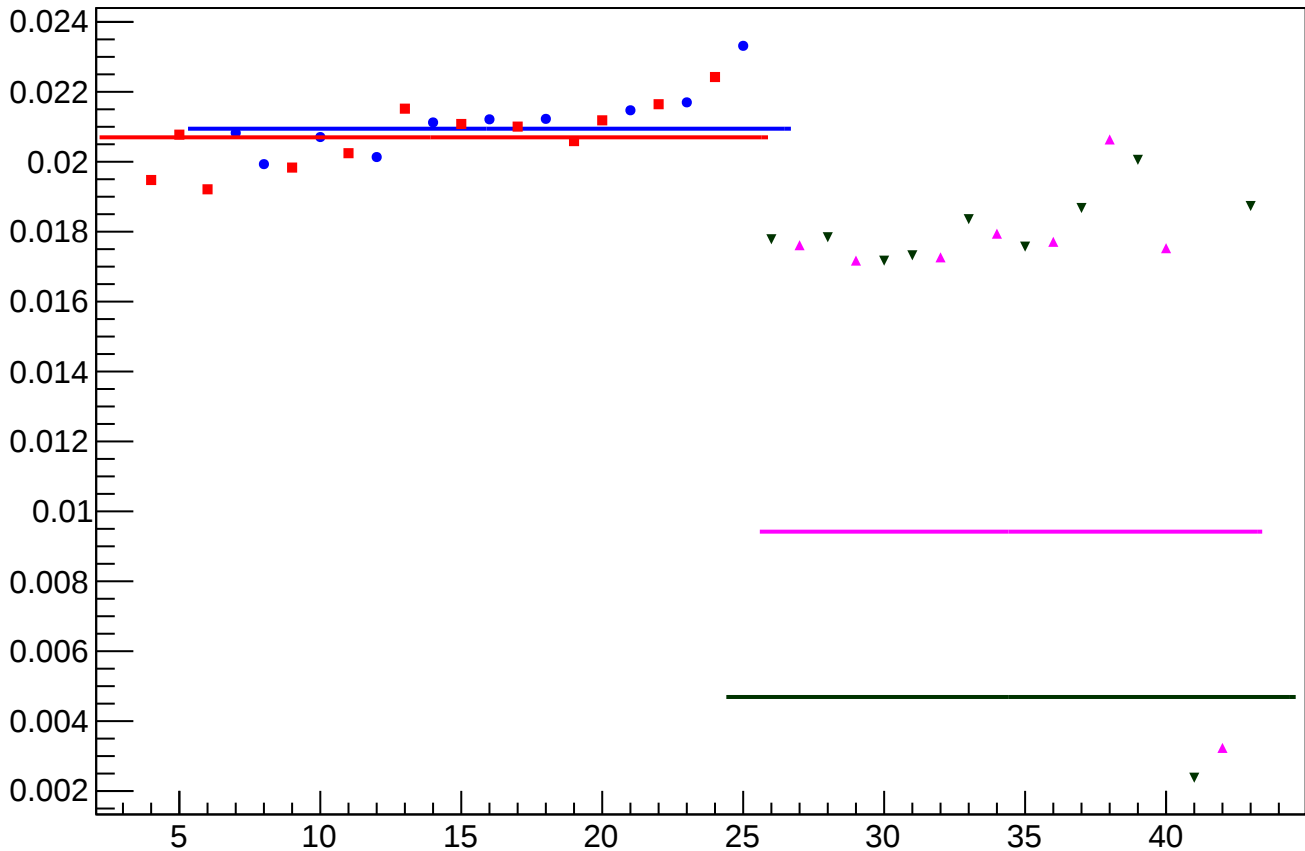
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.738+/-0.000 χ^2/NDF : 1193947105.1/7

-0.657+/-0.000 χ^2/NDF : 10888038797.3/19

-0.621+/-0.000 χ^2/NDF : 11702627727.1/19

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 14569.8/9

Left Out: 0.005+/-0.000 χ^2/NDF : 5998219.6/9

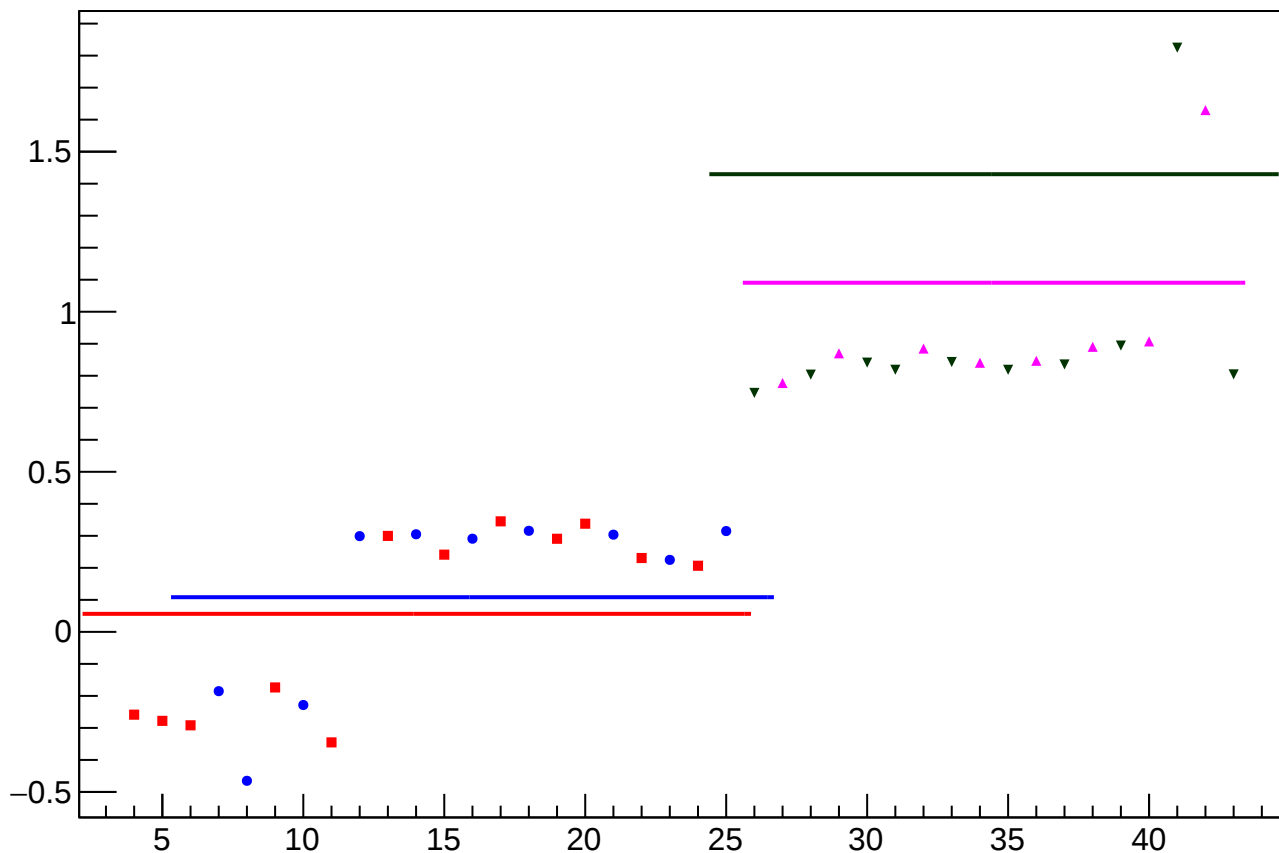
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.009+/-0.000 χ^2/NDF : 3487330.2/7

0.007+/-0.000 χ^2/NDF : 12658809.2/19

0.013+/-0.000 χ^2/NDF : 6099200.2/19

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 1.430+/-0.000 χ^2/NDF : 20131817794.8/9

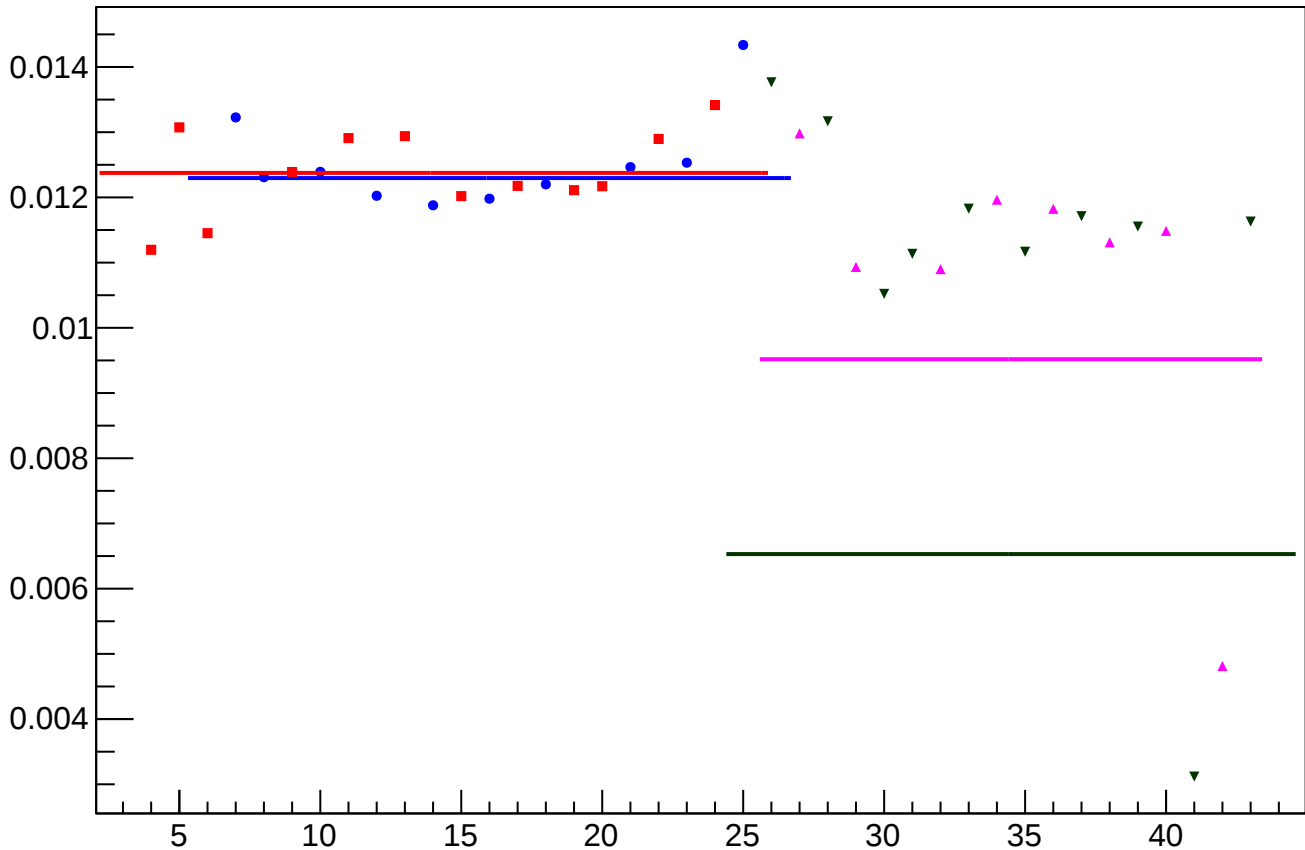
0.994+/-0.000 χ^2/NDF : 72373337015.9/19

Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

0.621+/-0.000 χ^2/NDF : 32360590624.0/19

Left In: 1.091+/-0.000 χ^2/NDF : 6006067492.9/7

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.007+/-0.000 χ^2/NDF : 3050338.6/9

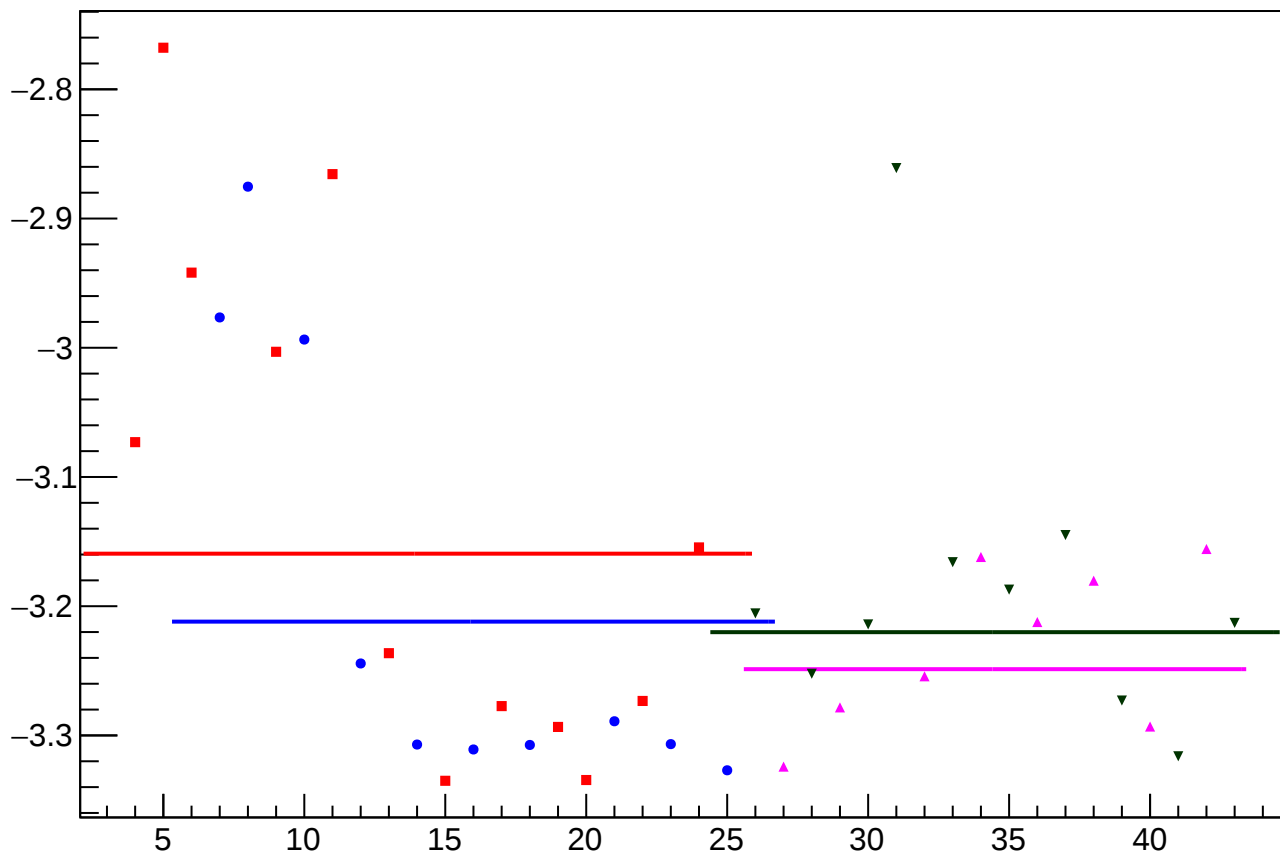
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.010+/-0.000 χ^2/NDF : 939693.3/7

0.008+/-0.000 χ^2/NDF : 4919150.3/19

0.011+/-0.000 χ^2/NDF : 1328231.0/19

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

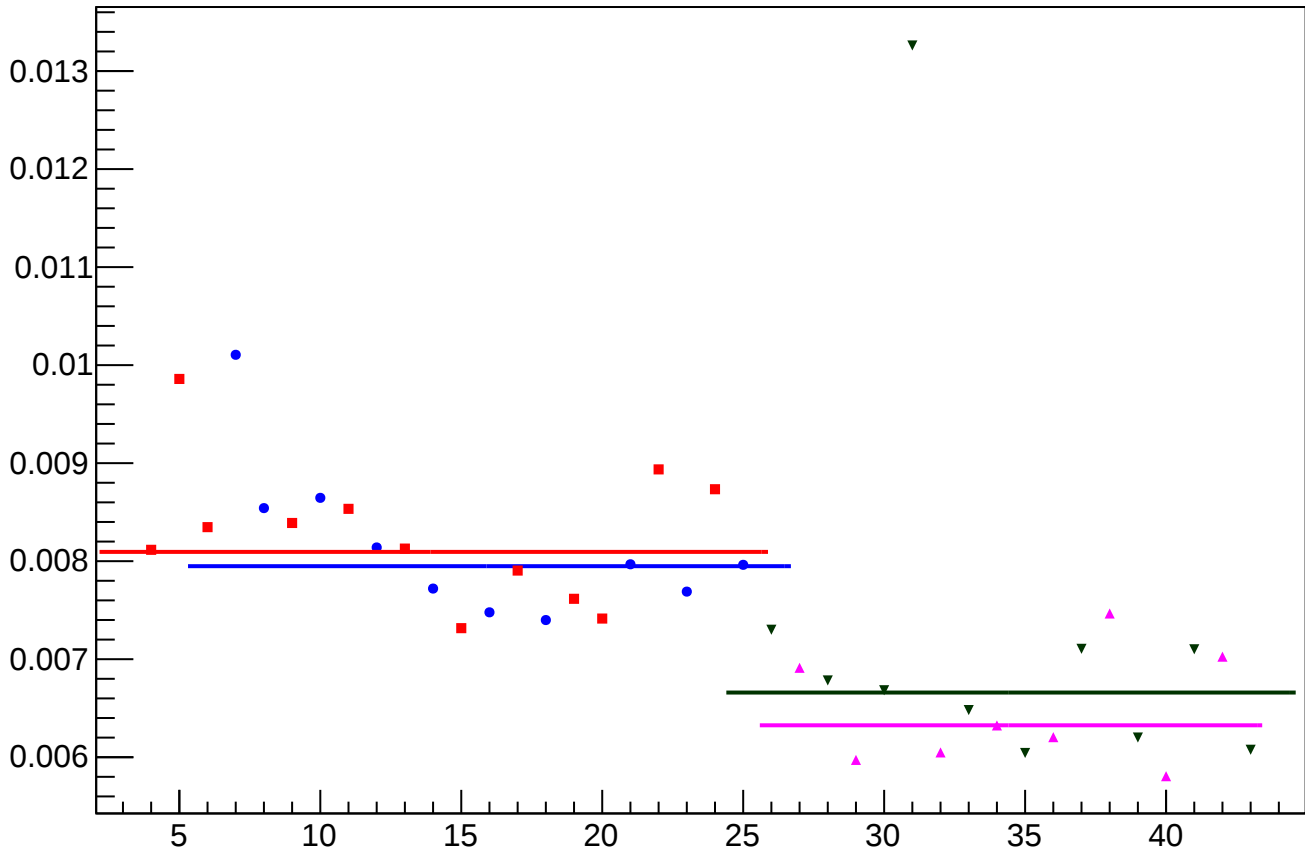
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.249+/-0.000 χ^2/NDF : 330666551.4/7

-3.216+/-0.000 χ^2/NDF : 2663417664.9/19

-3.211+/-0.000 χ^2/NDF : 2895039040.0/19

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 : 169219.9/9

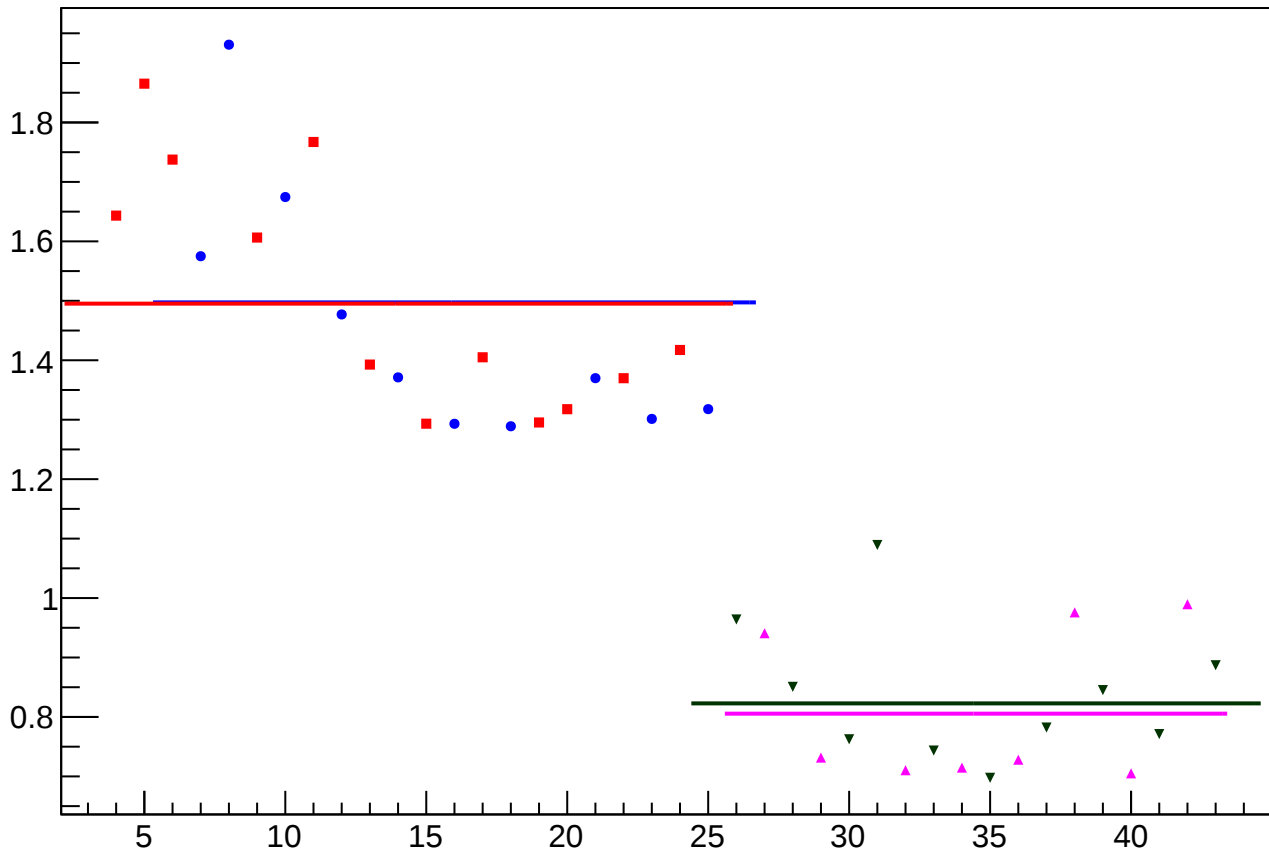
Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

Left In: 0.006+/-0.000 χ^2/NDF : 54093.9/7

0.007+/-0.000 χ^2/NDF : 366109.8/19

0.007+/-0.000 χ^2/NDF : 386651.2/19

yield_bpm0l03Y_mean vs slug



Right In: 1.497 $\pm$ 0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.823 $\pm$ 0.000 χ^2/NDF : 373202951.2/9

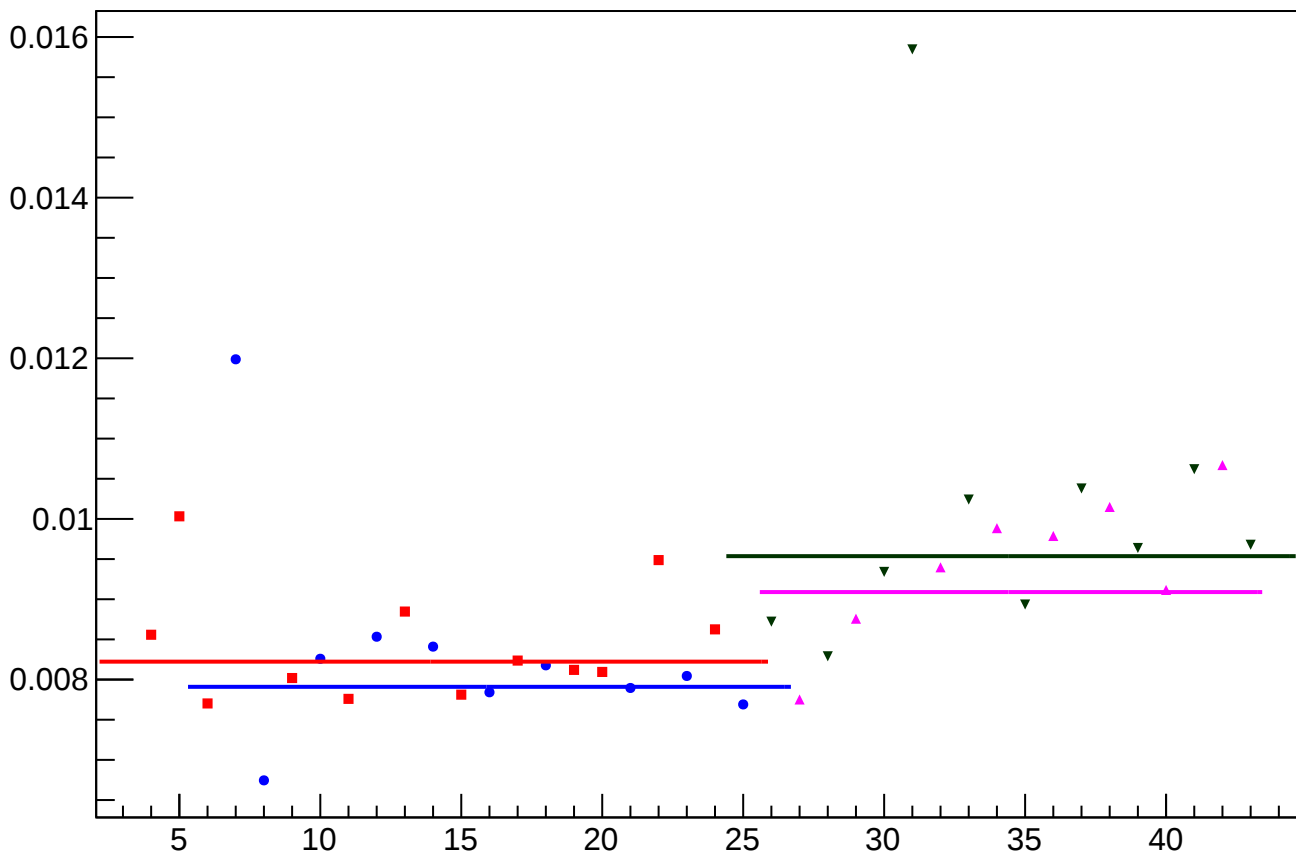
1.257 $\pm$ 0.000 χ^2/NDF : 19473068444.4/19

Right Out: 1.495 $\pm$ 0.000 χ^2/NDF : 2404671234.5/11

1.209 $\pm$ 0.000 χ^2/NDF : 18059359281.8/19

Left In: 0.806 $\pm$ 0.000 χ^2/NDF : 713423943.1/7

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 :144258.2/9

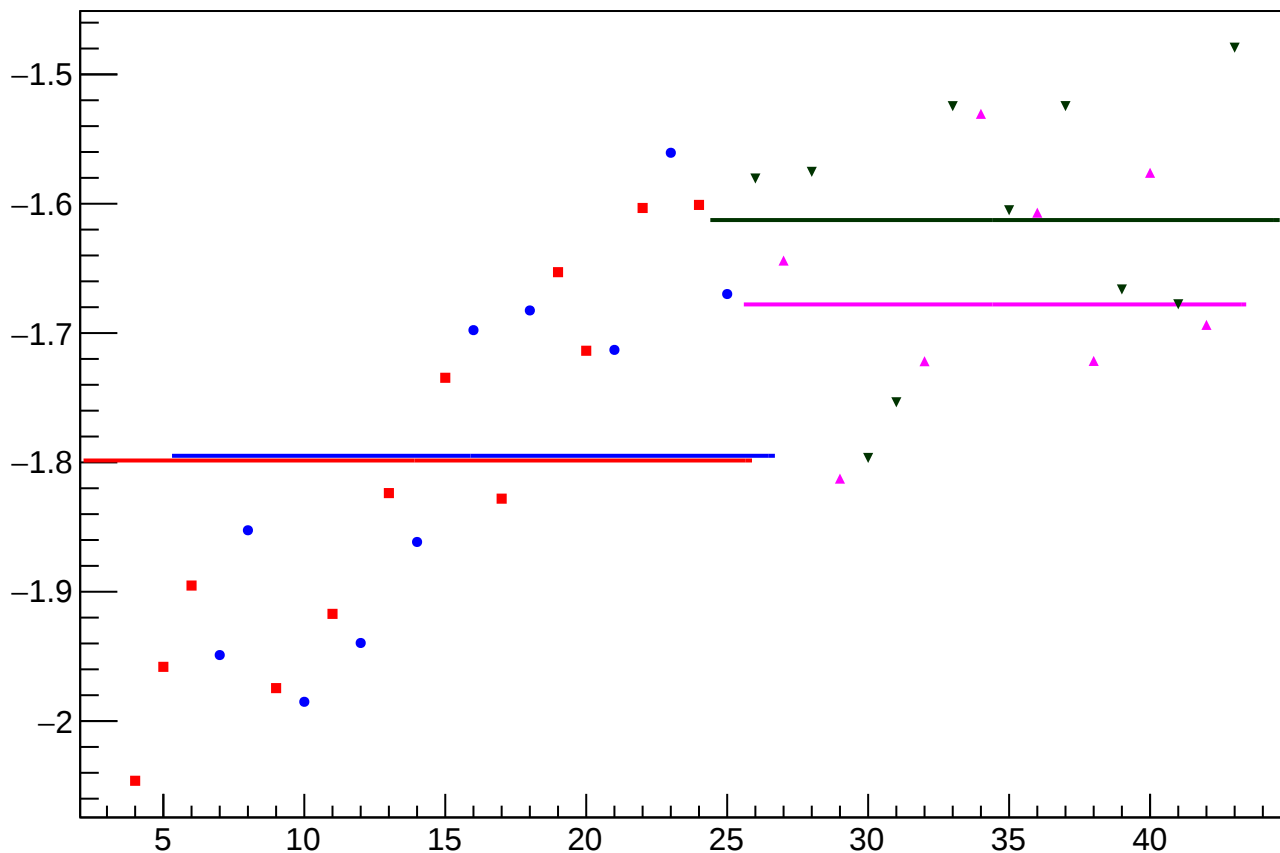
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-0.000 χ^2/NDF :83413.0/7

0.008+/-0.000 χ^2/NDF : 399625.1/19

0.009+/-0.000 χ^2/NDF : 168726.9/19

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.613+/-0.000 χ^2/NDF : 327148879.4/9

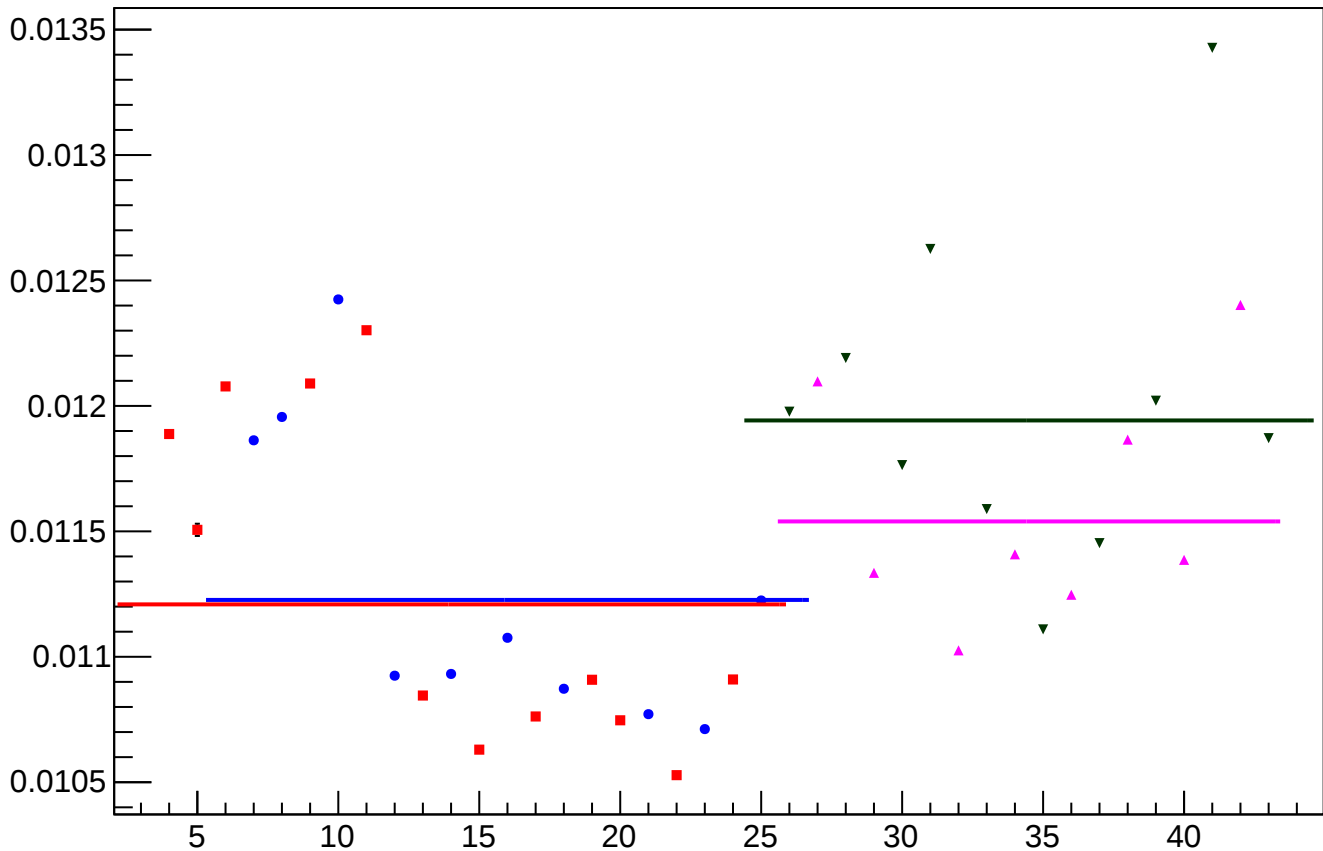
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.678+/-0.000 χ^2/NDF : 288146840.5/7

-1.718+/-0.000 χ^2/NDF : 1867774021.8/19

-1.746+/-0.000 χ^2/NDF : 1533394271.7/19

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 :25348.0/9

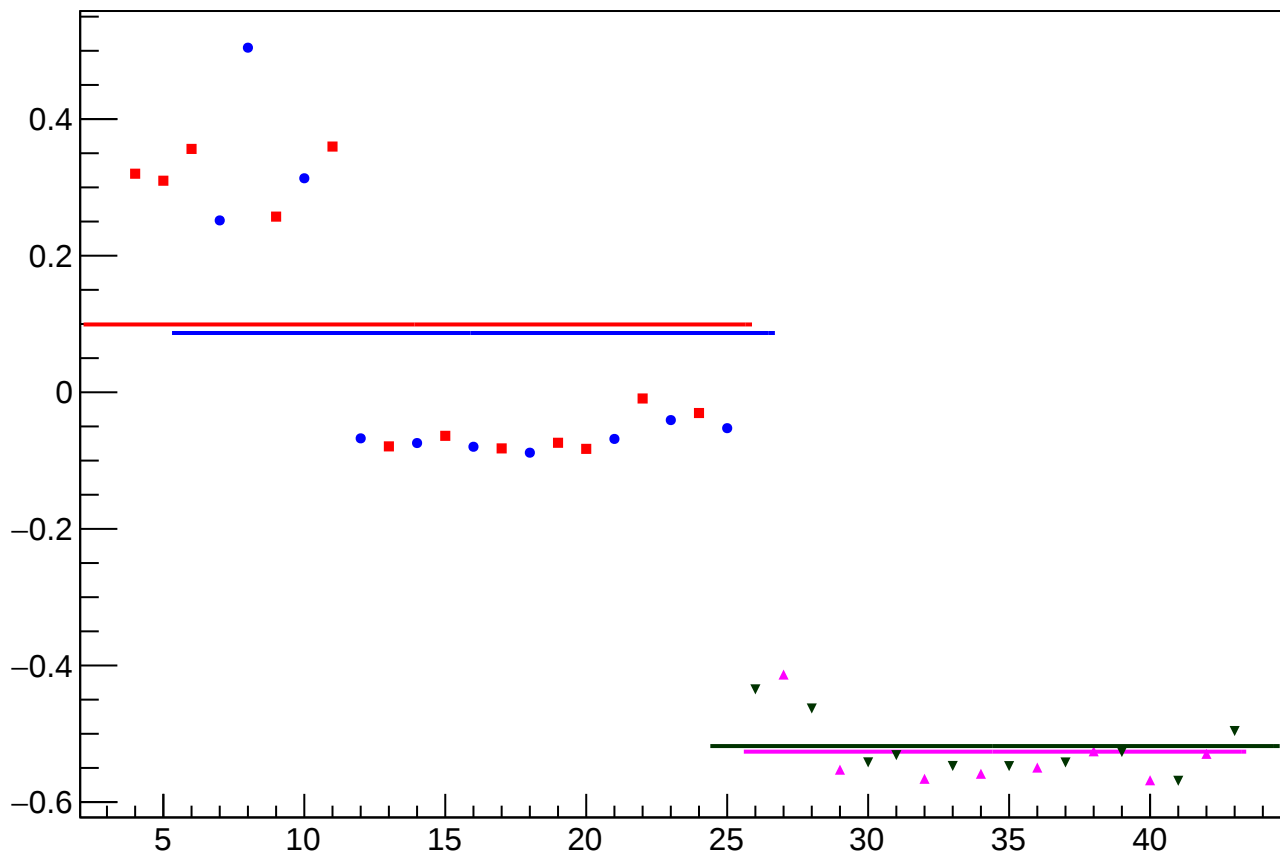
0.012+/-0.000 χ^2/NDF : 79278.2/19

Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

0.011+/-0.000 χ^2/NDF : 60595.0/19

Left In: 0.012+/-0.000 χ^2/NDF :14760.1/7

yield_bpm0l04Y_mean vs slug



Right In: 0.087+/-0.000 χ^2/NDF : 6587794227.2/9

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

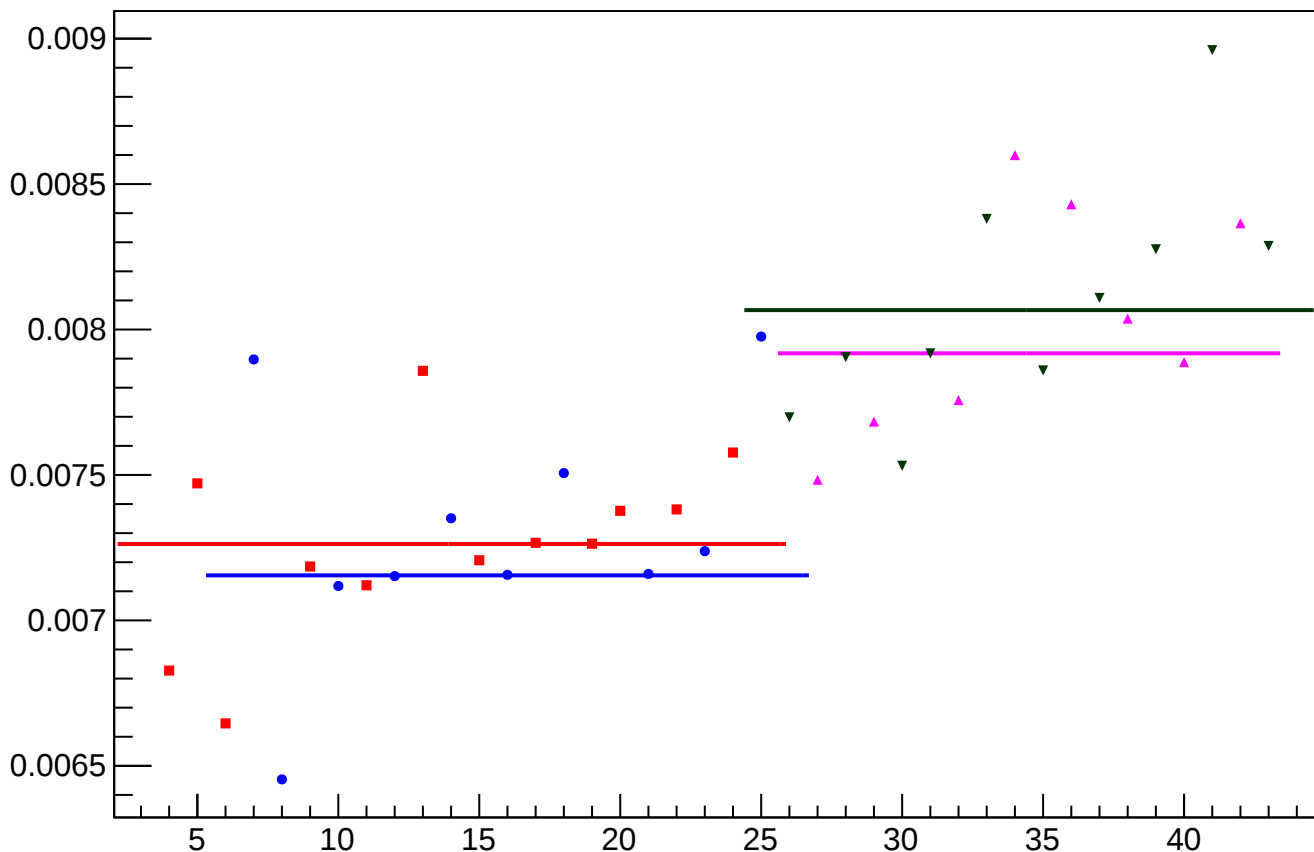
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.526+/-0.000 χ^2/NDF : 244167712.9/7

-0.150+/-0.000 χ^2/NDF : 24276194844.1/19

-0.155+/-0.000 χ^2/NDF : 22973396420.6/19

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 :23022.1/9

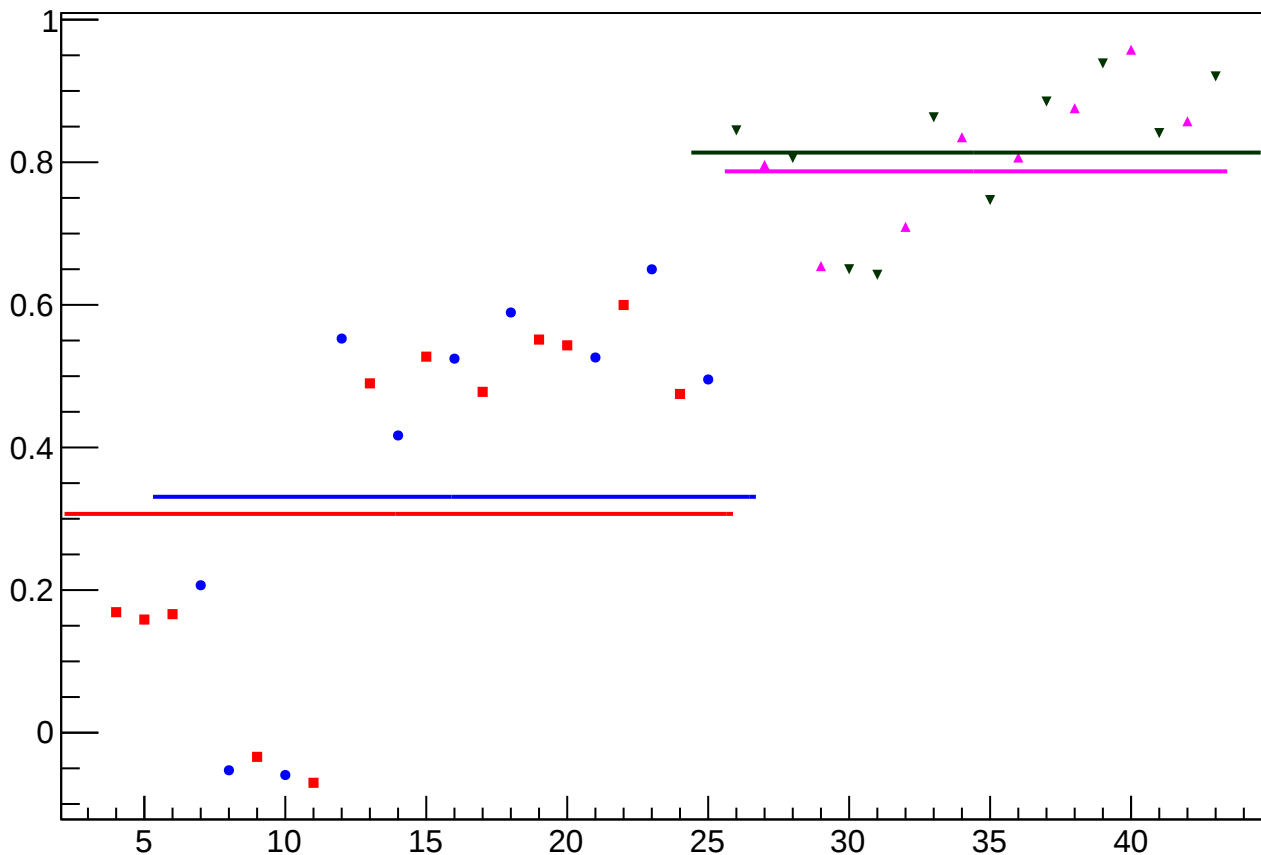
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-0.000 χ^2/NDF :20798.9/7

0.008+/-0.000 χ^2/NDF : 137844.7/19

0.008+/-0.000 χ^2/NDF : 86860.8/19

yield_bpm0l05X_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 10288533334.9/9

Left Out: 0.814+/-0.000 χ^2/NDF : 993349923.9/9

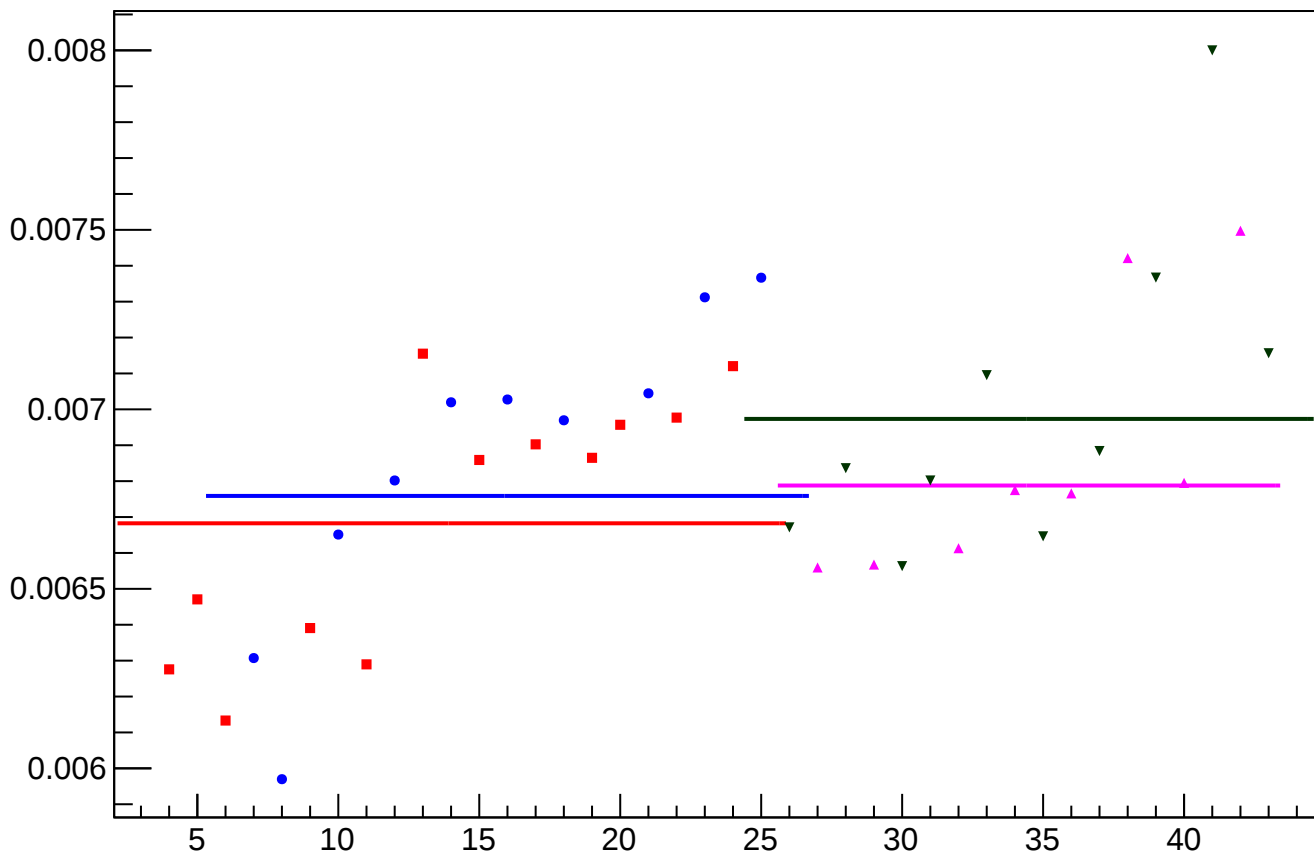
0.542+/-0.000 χ^2/NDF : 25353882323.3/19

Right Out: 0.307+/-0.000 χ^2/NDF : 8592627222.1/11

0.518+/-0.000 χ^2/NDF : 23622992254.6/19

Left In: 0.787+/-0.000 χ^2/NDF : 915149692.7/7

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 : 32912.7/9

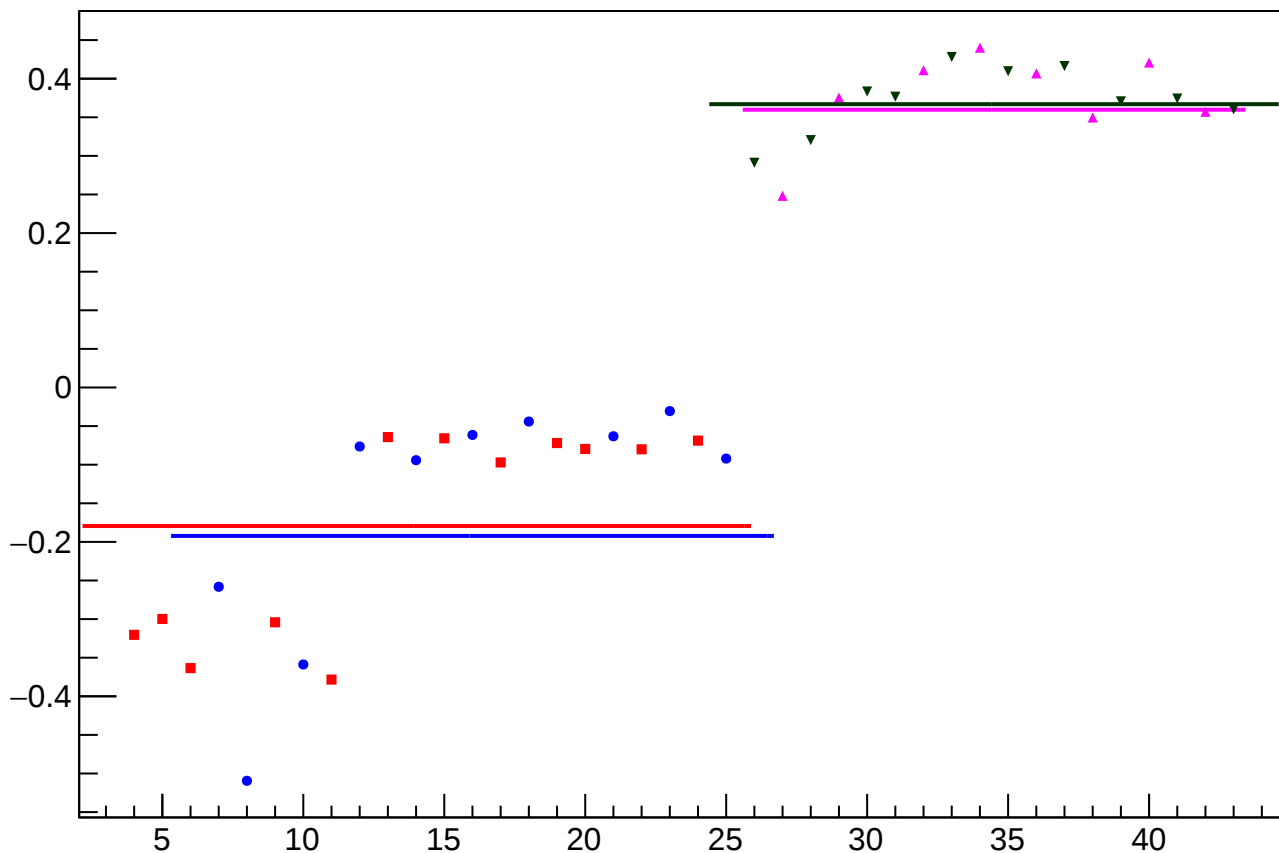
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 22020.4/7

0.007+/-0.000 χ^2/NDF : 89569.7/19

0.007+/-0.000 χ^2/NDF : 61298.3/19

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.367+/-0.000 χ^2/NDF :258003359.9/9

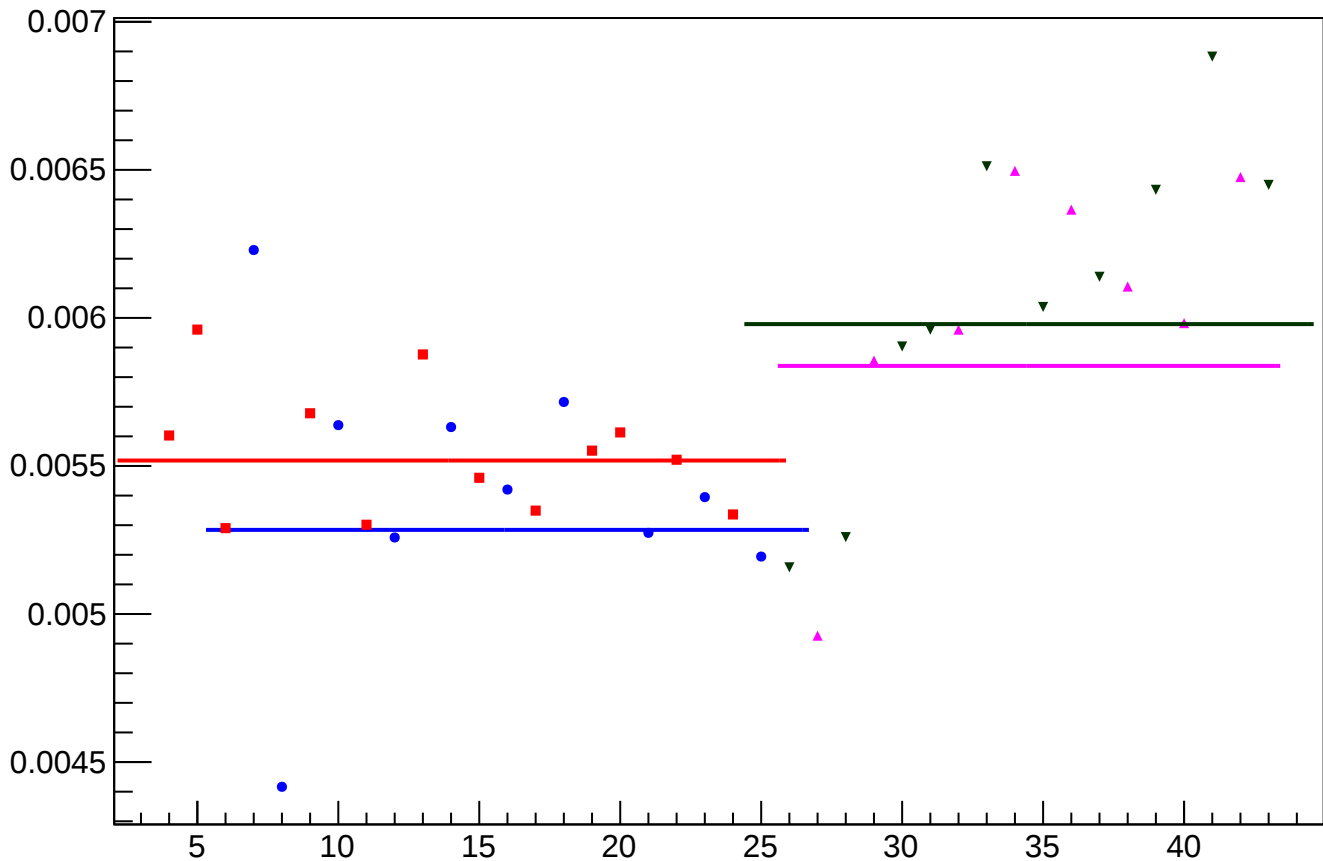
0.025+/-0.000 χ^2/NDF : 34765738602.8/19

Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

0.047+/-0.000 χ^2/NDF : 28486016668.3/19

Left In: 0.360+/-0.000 χ^2/NDF :637355192.3/7

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 : 84407.0/9

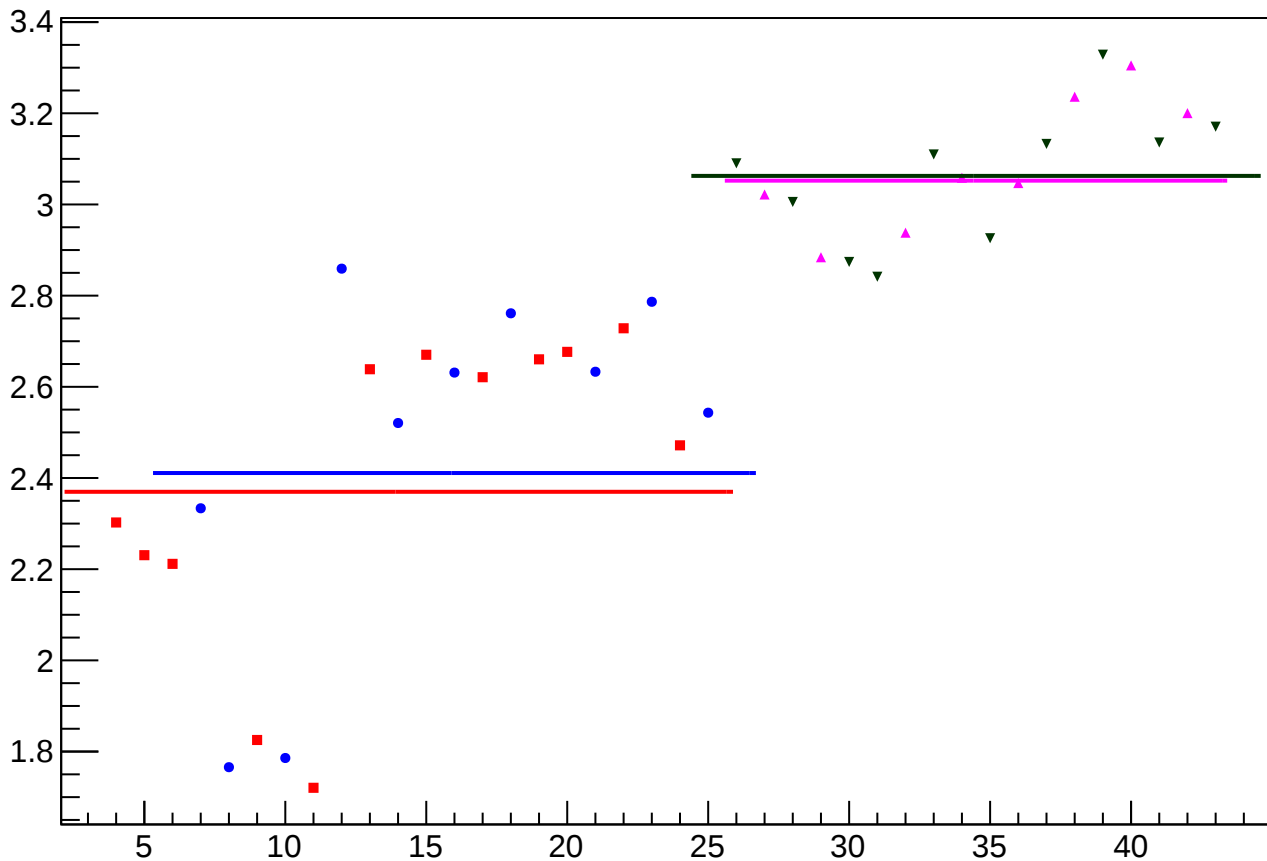
0.006+/-0.000 χ^2/NDF : 269059.8/19

Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

0.006+/-0.000 χ^2/NDF : 118365.4/19

Left In: 0.006+/-0.000 χ^2/NDF : 85390.5/7

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 3.063+/-0.000 χ^2/NDF : 1107067165.5/9

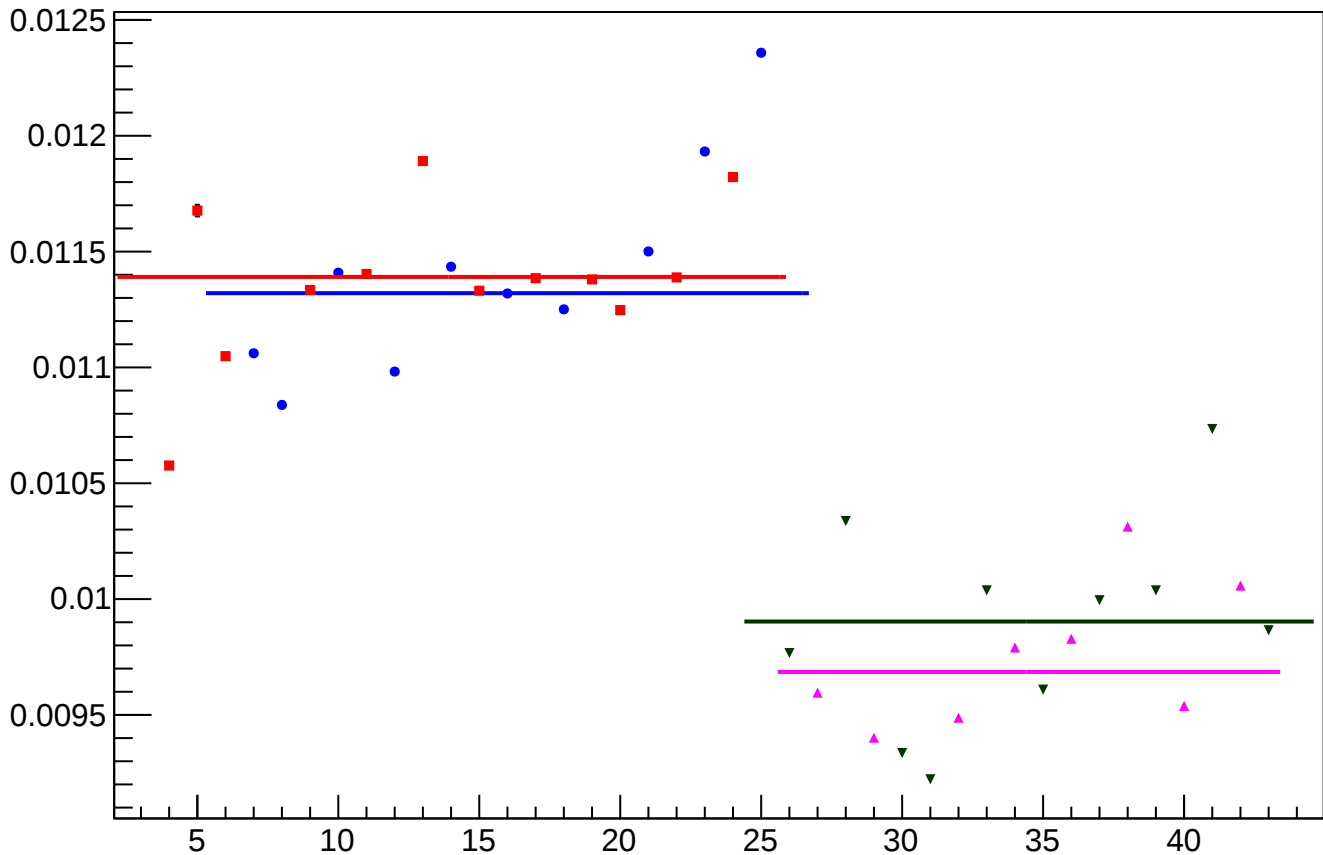
2.750+/-0.000 χ^2/NDF : 20309216782.4/19

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.731+/-0.000 χ^2/NDF : 18933657616.7/19

Left In: 3.052+/-0.000 χ^2/NDF : 1015675821.9/7

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 : 18813.8/9

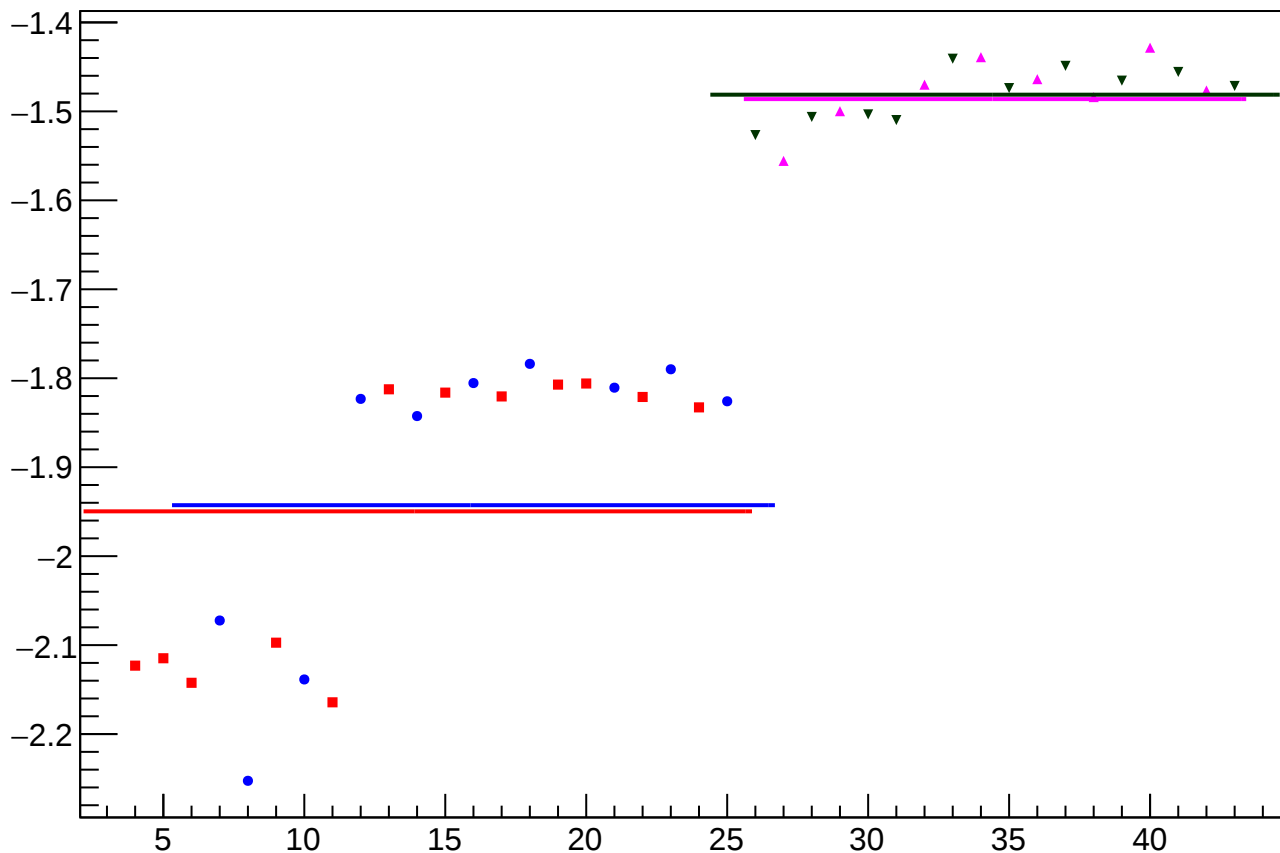
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.010+/-0.000 χ^2/NDF : 8194.4/7

0.011+/-0.000 χ^2/NDF : 133718.9/19

0.010+/-0.000 χ^2/NDF : 165637.3/19

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.481+/-0.000 χ^2/NDF : 133314200.9/9

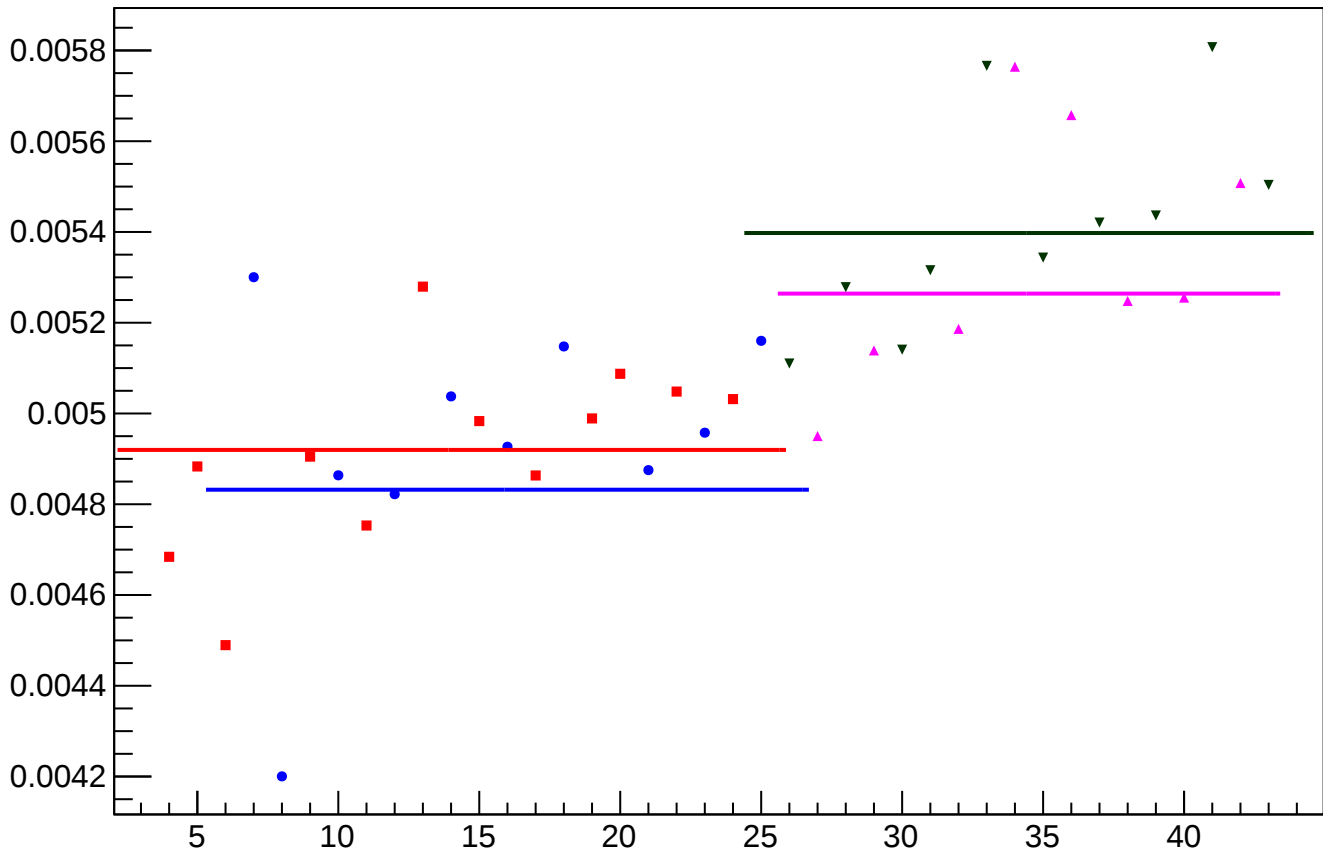
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.486+/-0.000 χ^2/NDF : 276291967.8/7

-1.760+/-0.000 χ^2/NDF : 31972675813.2/19

-1.757+/-0.000 χ^2/NDF : 29088235418.5/19

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 :16600.8/9

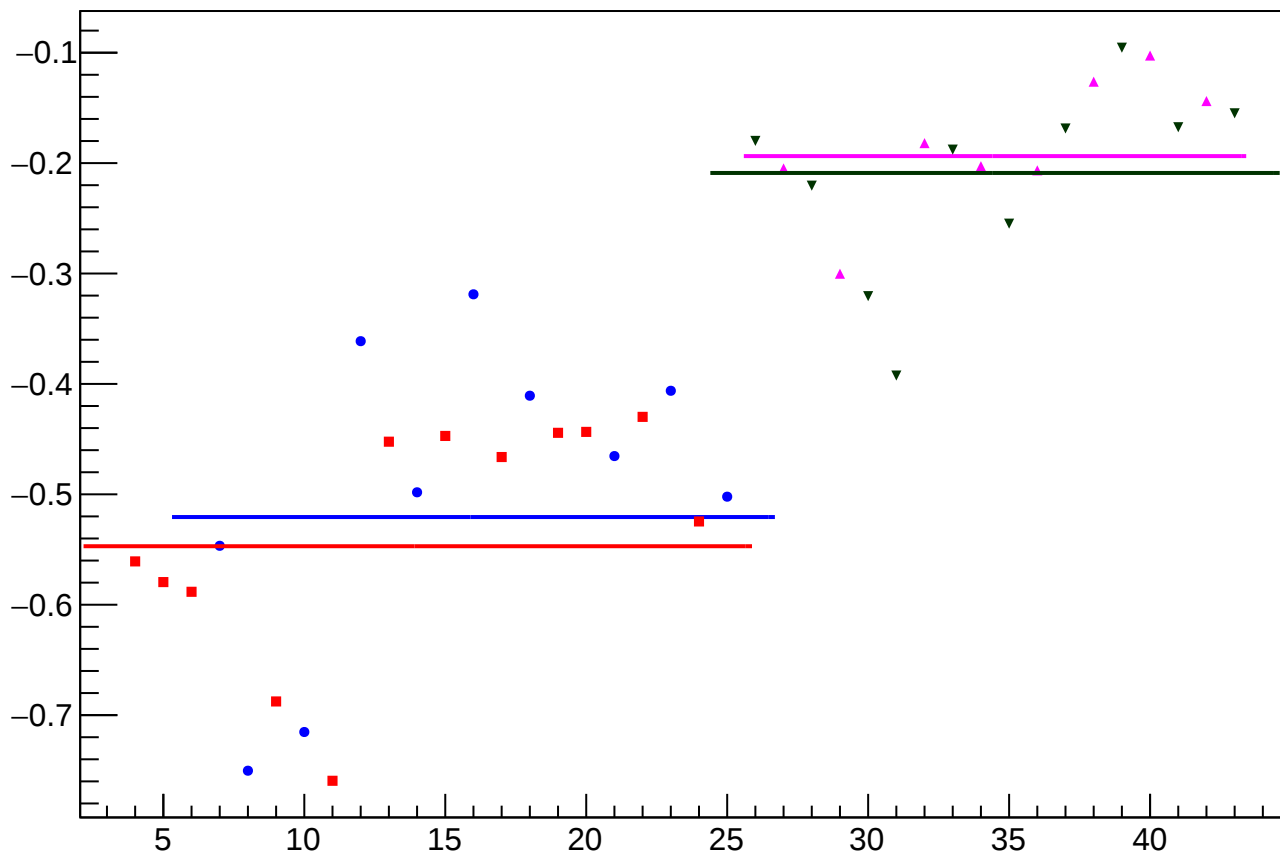
0.005+/-0.000 χ^2/NDF : 139938.5/19

Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

0.005+/-0.000 χ^2/NDF : 70931.2/19

Left In: 0.005+/-0.000 χ^2/NDF :22088.8/7

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.209+/-0.000 χ^2/NDF : 145606796.2/9

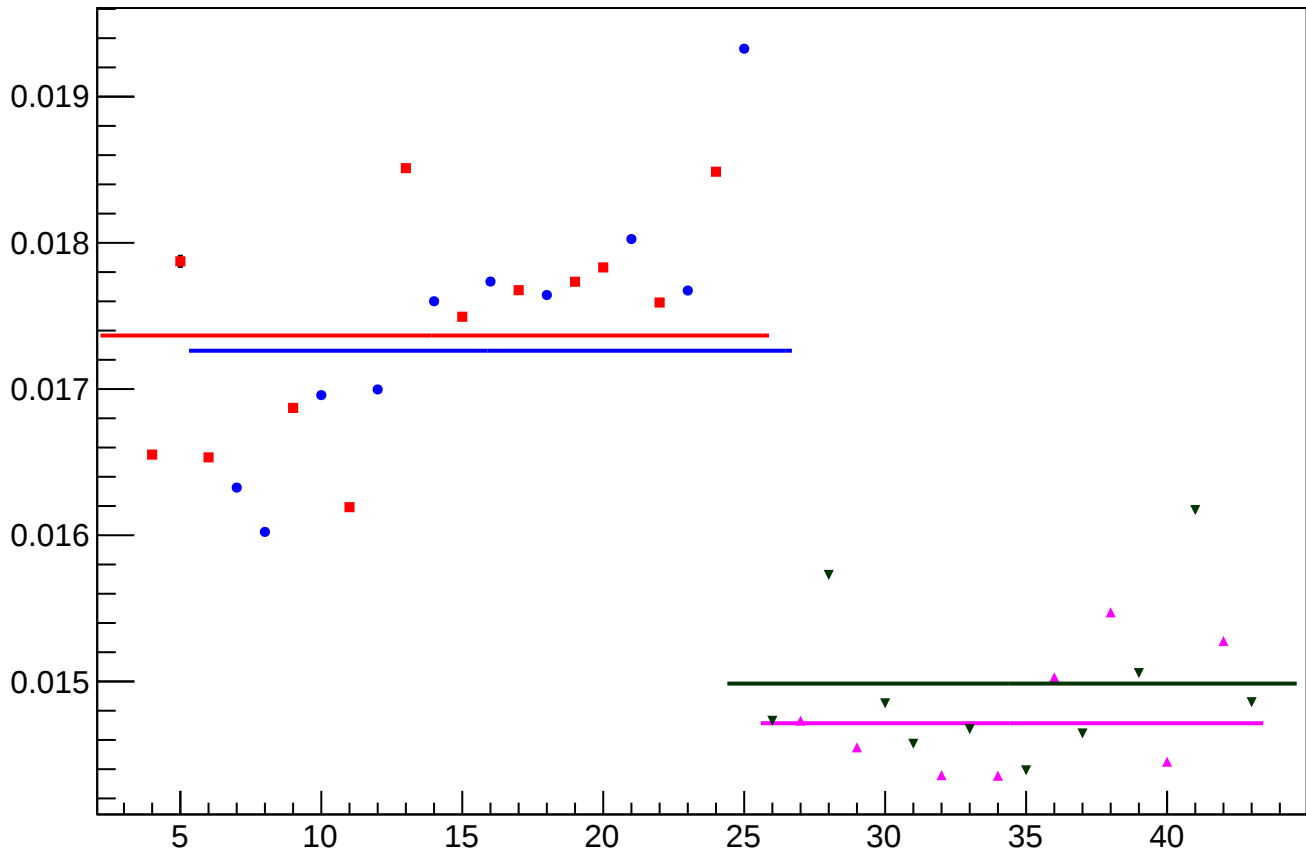
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.194+/-0.000 χ^2/NDF : 81542532.0/7

-0.356+/-0.000 χ^2/NDF : 1706214366.8/19

-0.358+/-0.000 χ^2/NDF : 1713622504.2/19

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 :13214.2/9

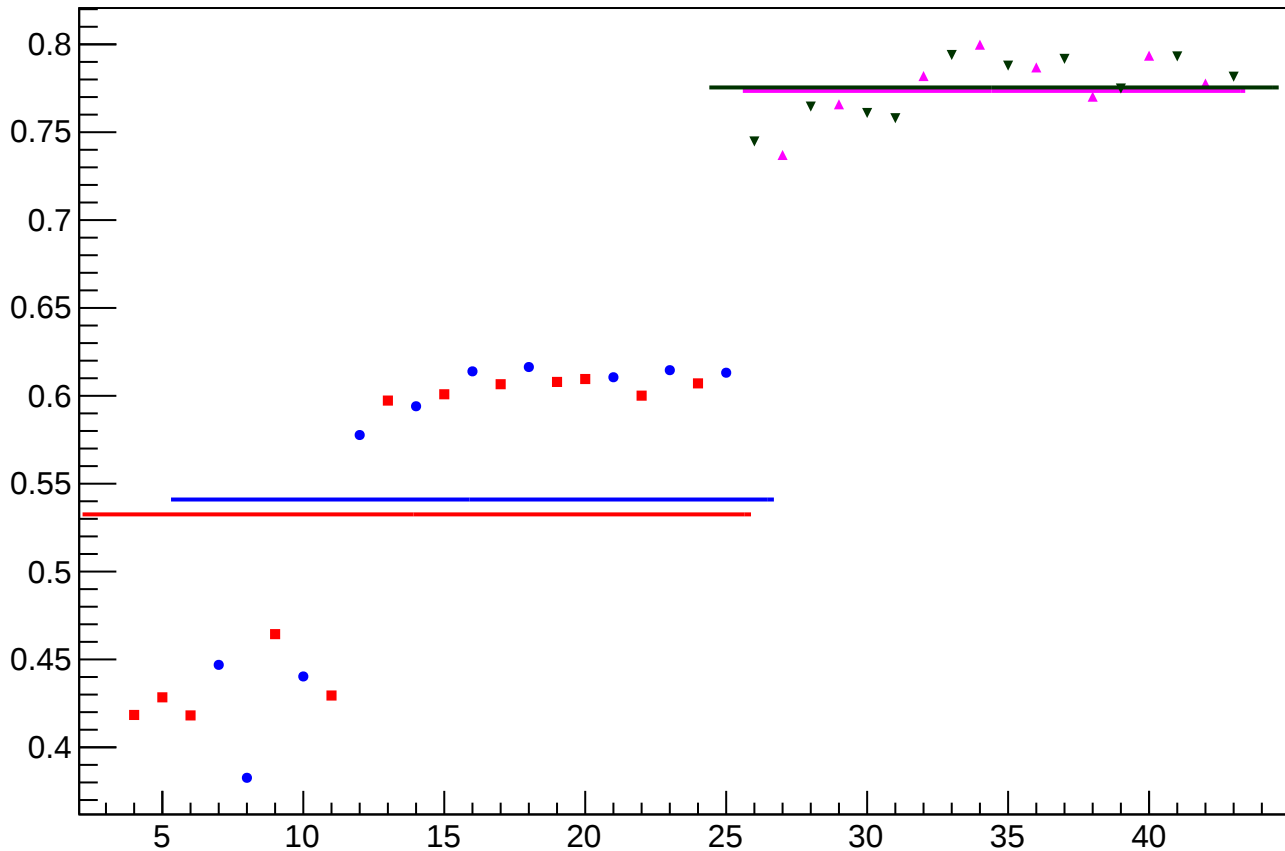
0.016+/-0.000 χ^2/NDF : 153395.6/19

Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

0.016+/-0.000 χ^2/NDF : 185222.2/19

Left In: 0.015+/-0.000 χ^2/NDF :6566.5/7

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 : 122038329.5/9

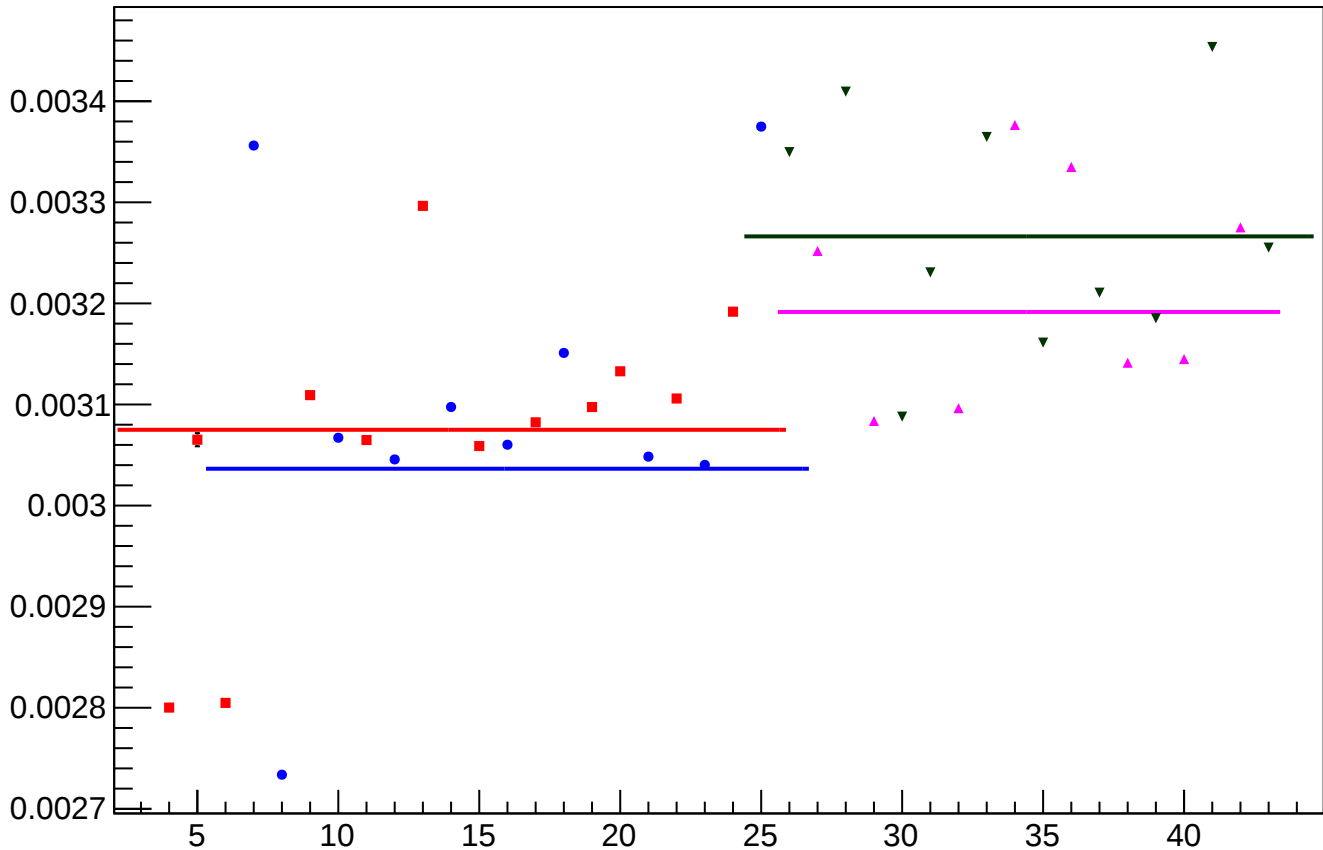
0.639+/-0.000 χ^2/NDF : 21569081624.4/19

Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

0.636+/-0.000 χ^2/NDF : 21082724986.4/19

Left In: 0.774+/-0.000 χ^2/NDF : 173540815.8/7

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 :12873.3/9

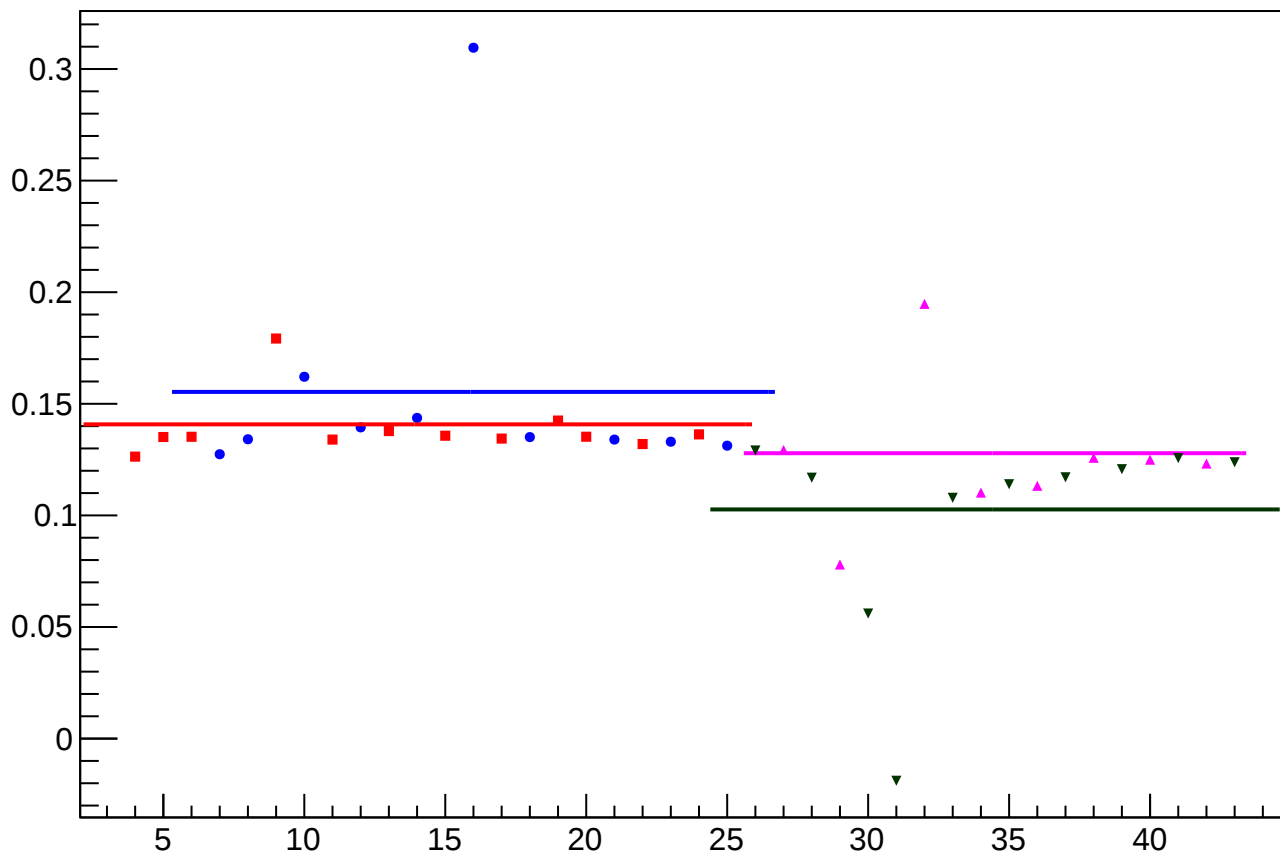
Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

Left In: 0.003+/-0.000 χ^2/NDF :10187.5/7

0.003+/-0.000 χ^2/NDF : 76682.1/19

0.003+/-0.000 χ^2/NDF : 44965.3/19

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.103+/-0.000 χ^2/NDF : 42575286.2/9

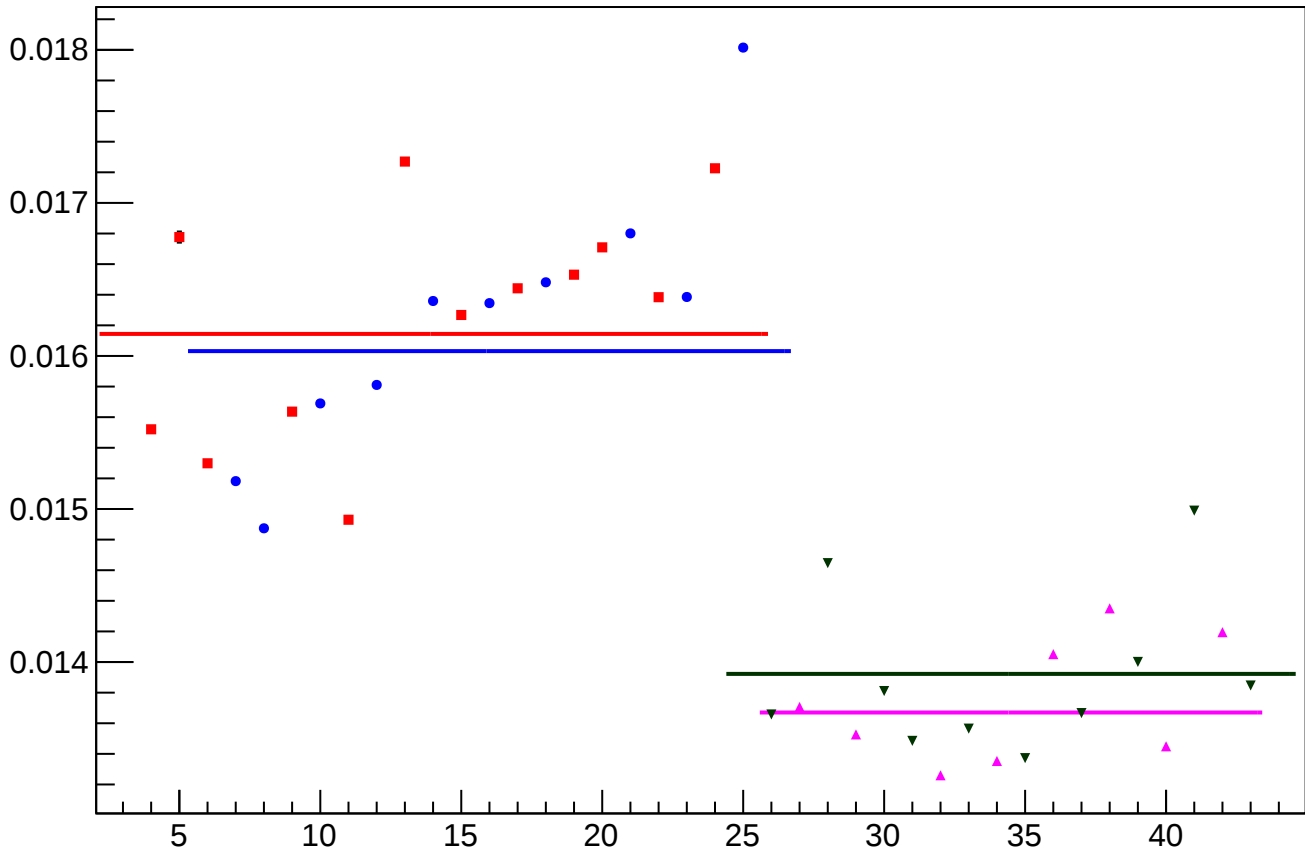
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.128+/-0.000 χ^2/NDF : 35319157.9/7

0.127+/-0.000 χ^2/NDF : 139035121.0/19

0.134+/-0.000 χ^2/NDF : 42886259.1/19

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 :13410.6/9

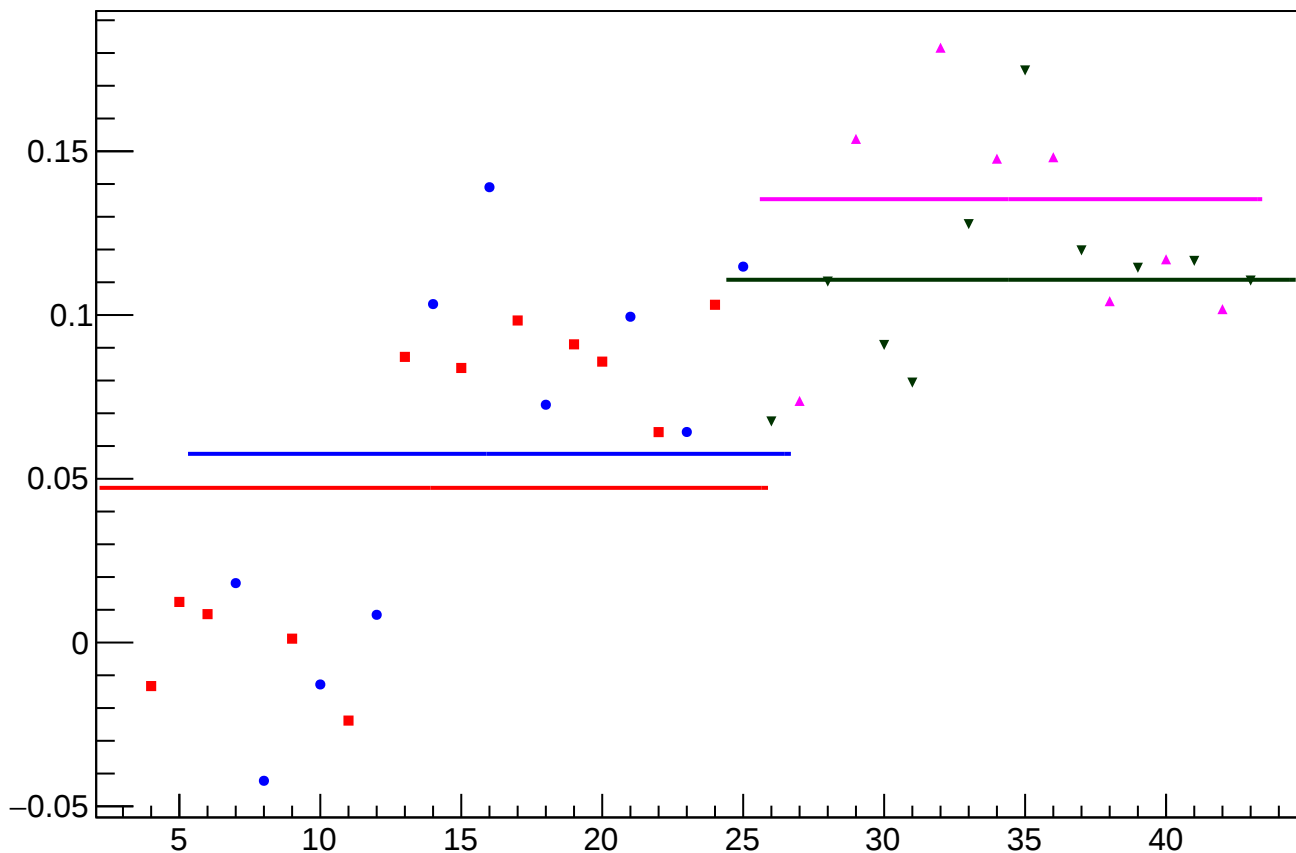
0.015+/-0.000 χ^2/NDF : 153768.5/19

Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

0.015+/-0.000 χ^2/NDF : 190099.4/19

Left In: 0.014+/-0.000 χ^2/NDF :7180.5/7

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 : 325634113.5/9

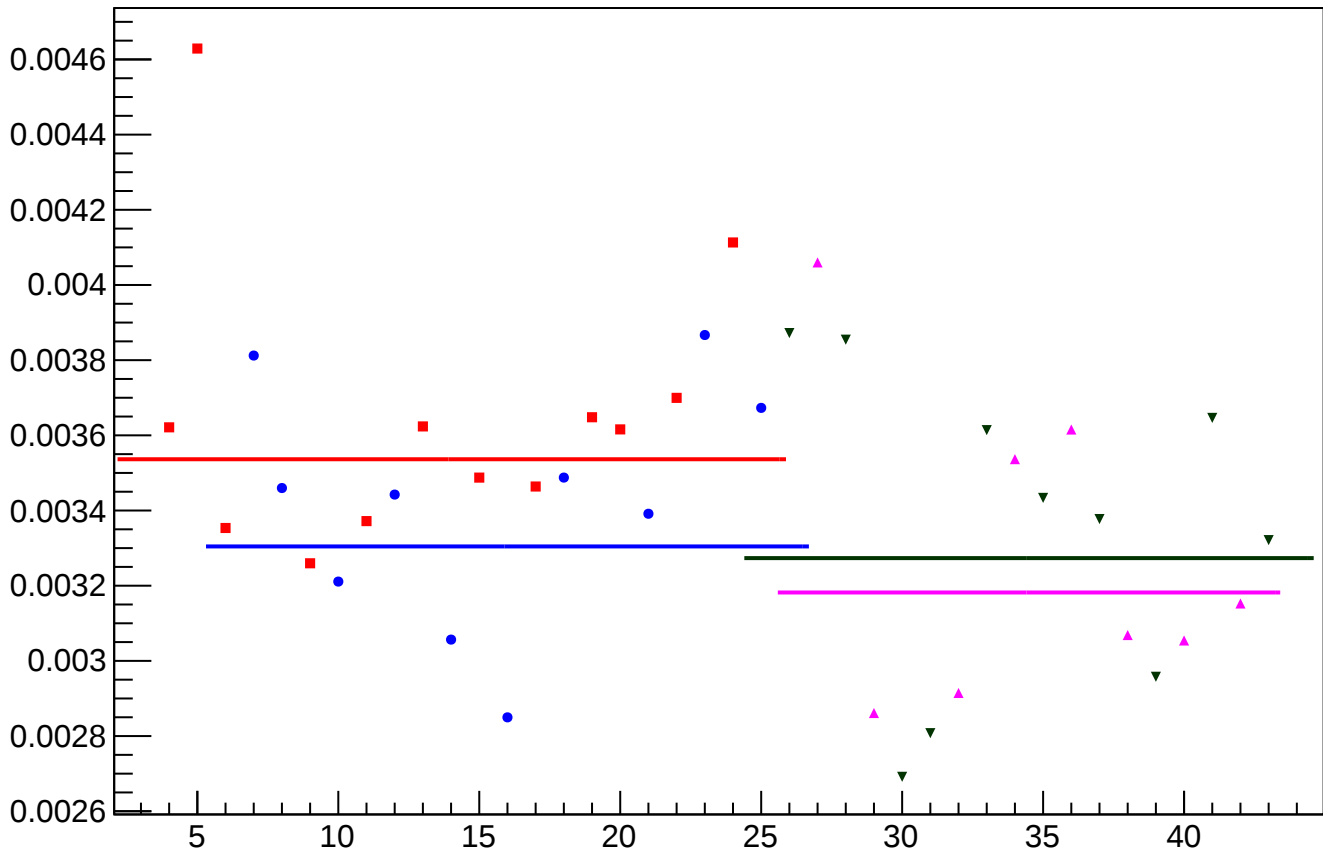
Right Out: 0.047+/-0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.135+/-0.000 χ^2/NDF : 578457909.1/7

0.082+/-0.000 χ^2/NDF : 3152287471.1/19

0.092+/-0.000 χ^2/NDF : 3514612027.1/19

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 :157067.3/9

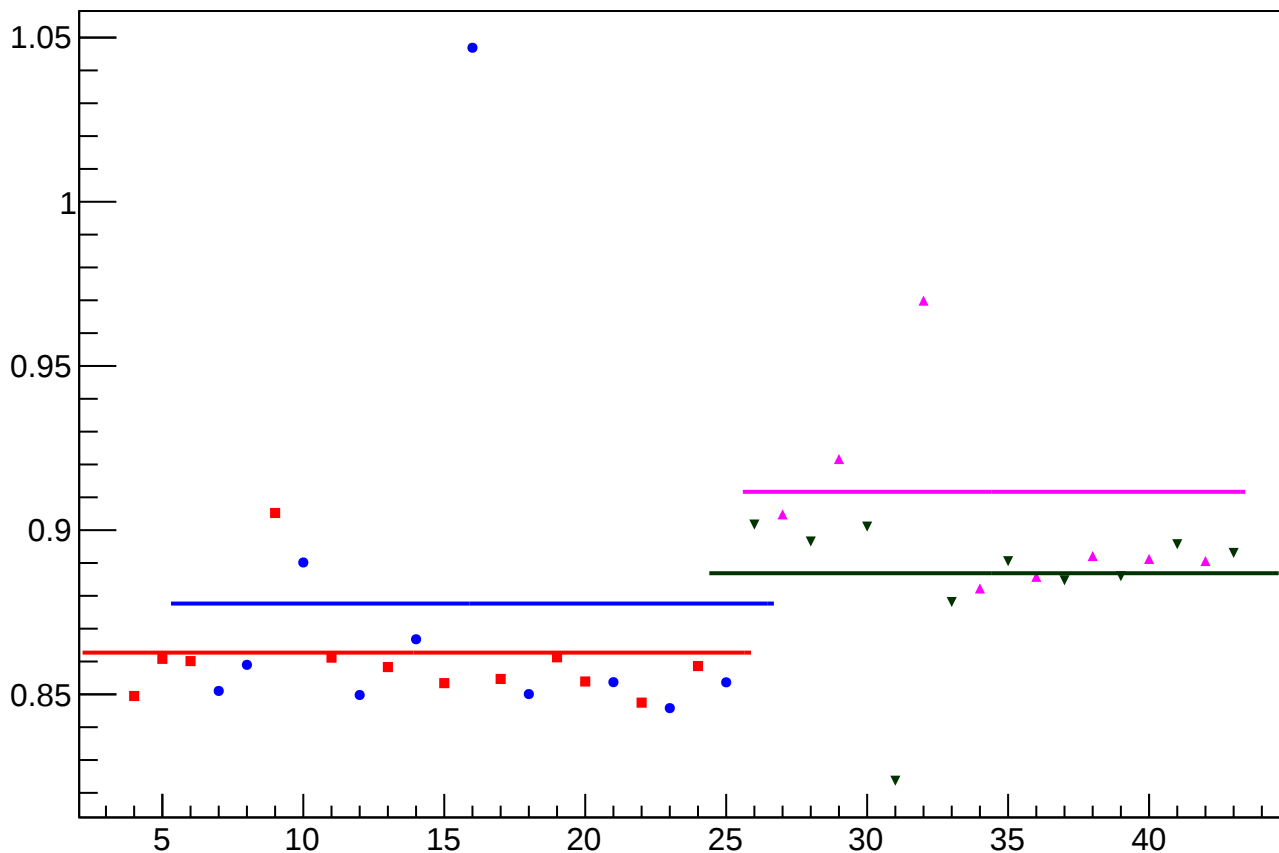
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.003+/-0.000 χ^2/NDF :138813.6/7

0.003+/-0.000 χ^2/NDF : 246462.8/19

0.003+/-0.000 χ^2/NDF : 253024.0/19

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.887+/-0.000 χ^2/NDF : 10371268.3/9

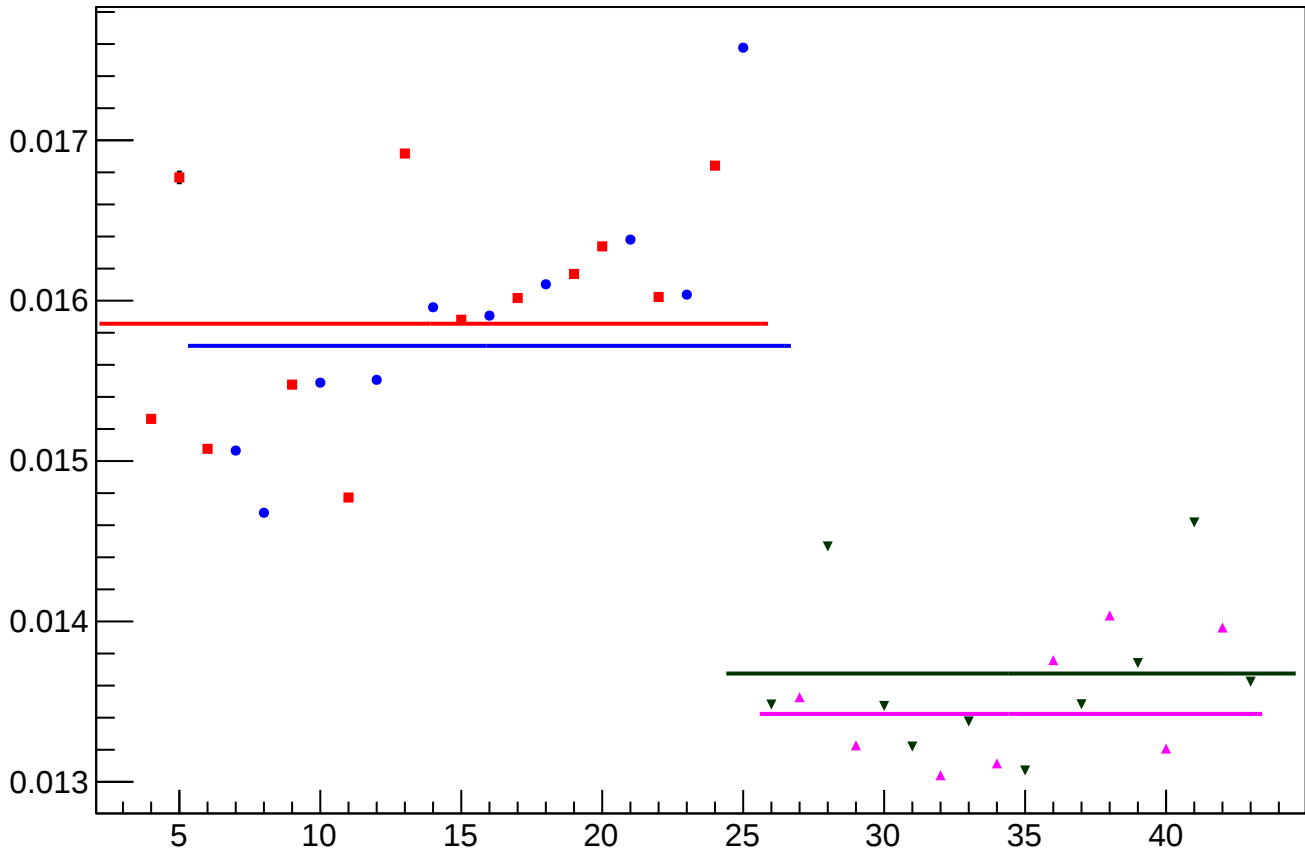
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.912+/-0.000 χ^2/NDF : 25775120.6/7

0.883+/-0.000 χ^2/NDF : 90083616.8/19

0.889+/-0.000 χ^2/NDF : 63979772.7/19

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 :13316.5/9

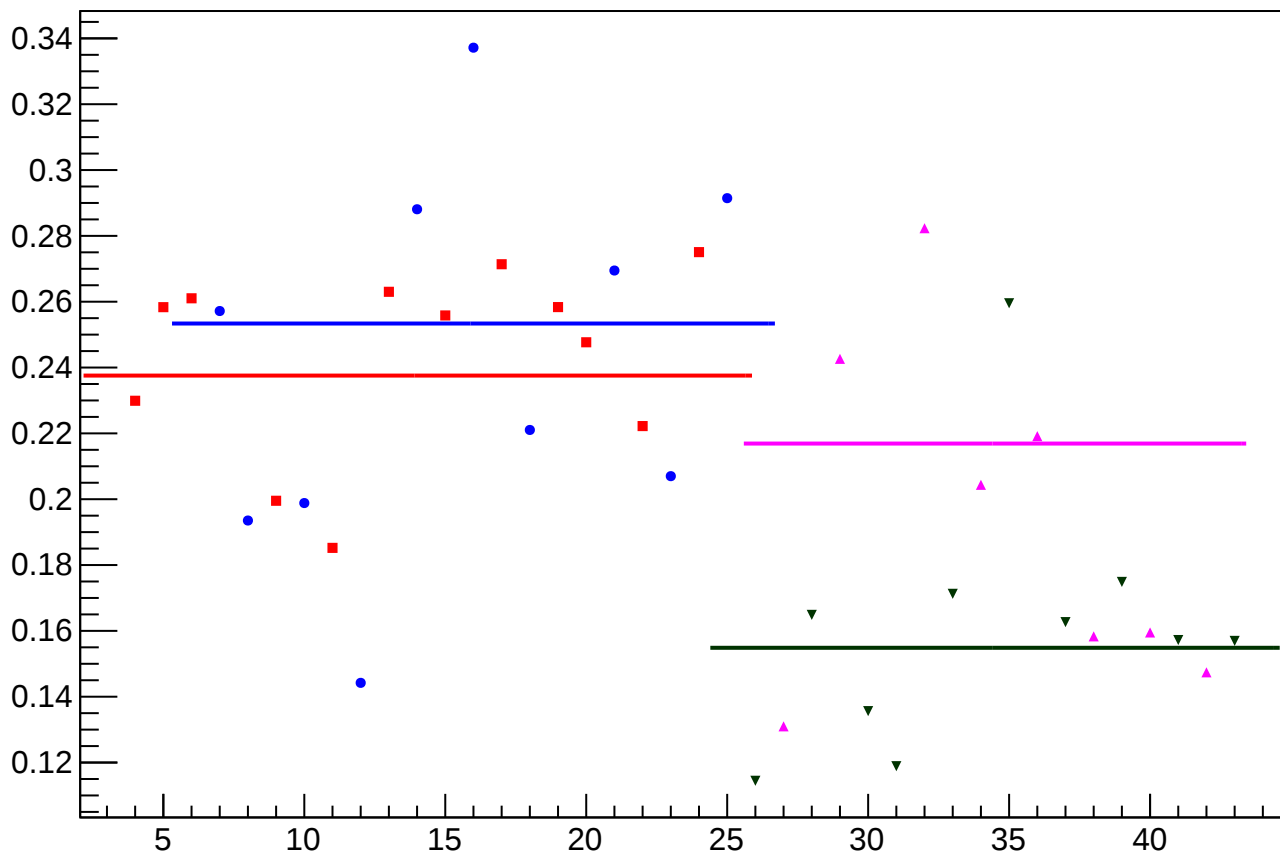
0.015+/-0.000 χ^2/NDF : 145660.4/19

Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

0.015+/-0.000 χ^2/NDF : 185727.2/19

Left In: 0.013+/-0.000 χ^2/NDF :6903.7/7

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 : 491584814.3/9

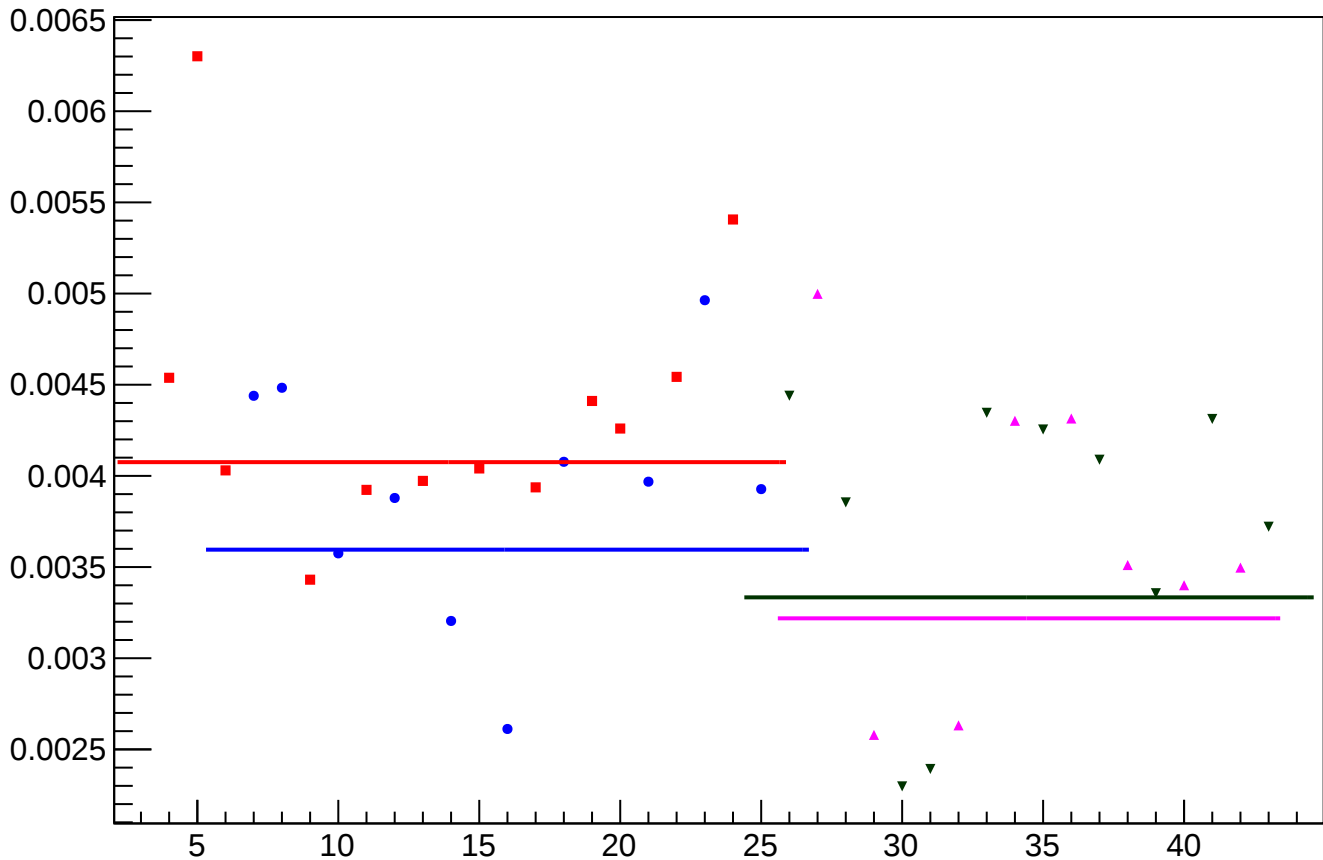
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.217+/-0.000 χ^2/NDF : 1280767644.3/7

0.206+/-0.000 χ^2/NDF : 4210807807.5/19

0.226+/-0.000 χ^2/NDF : 1701304082.3/19

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 : 596508.1/9

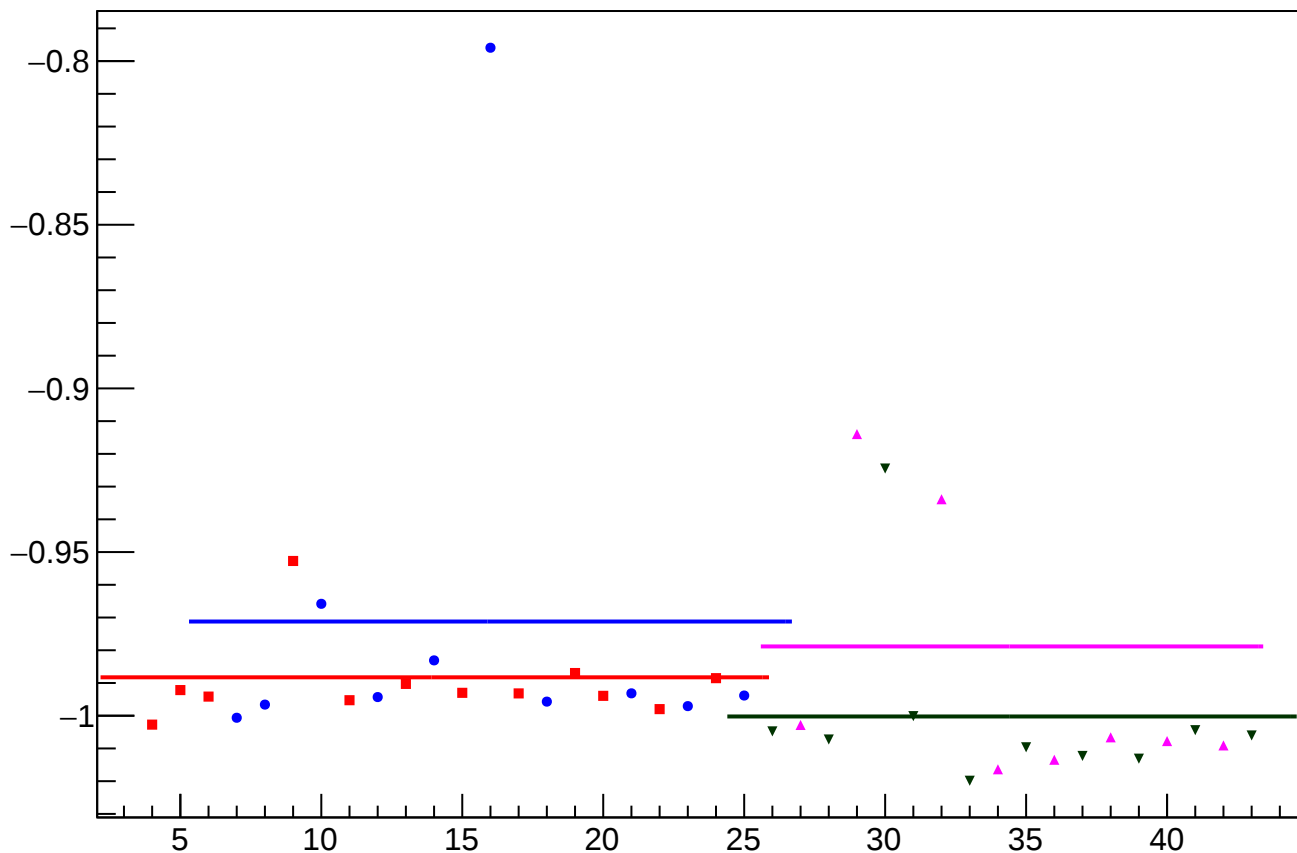
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 514317.0/7

0.003+/-0.000 χ^2/NDF : 1017019.7/19

0.004+/-0.000 χ^2/NDF : 960590.6/19

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 : 20984094.7/9

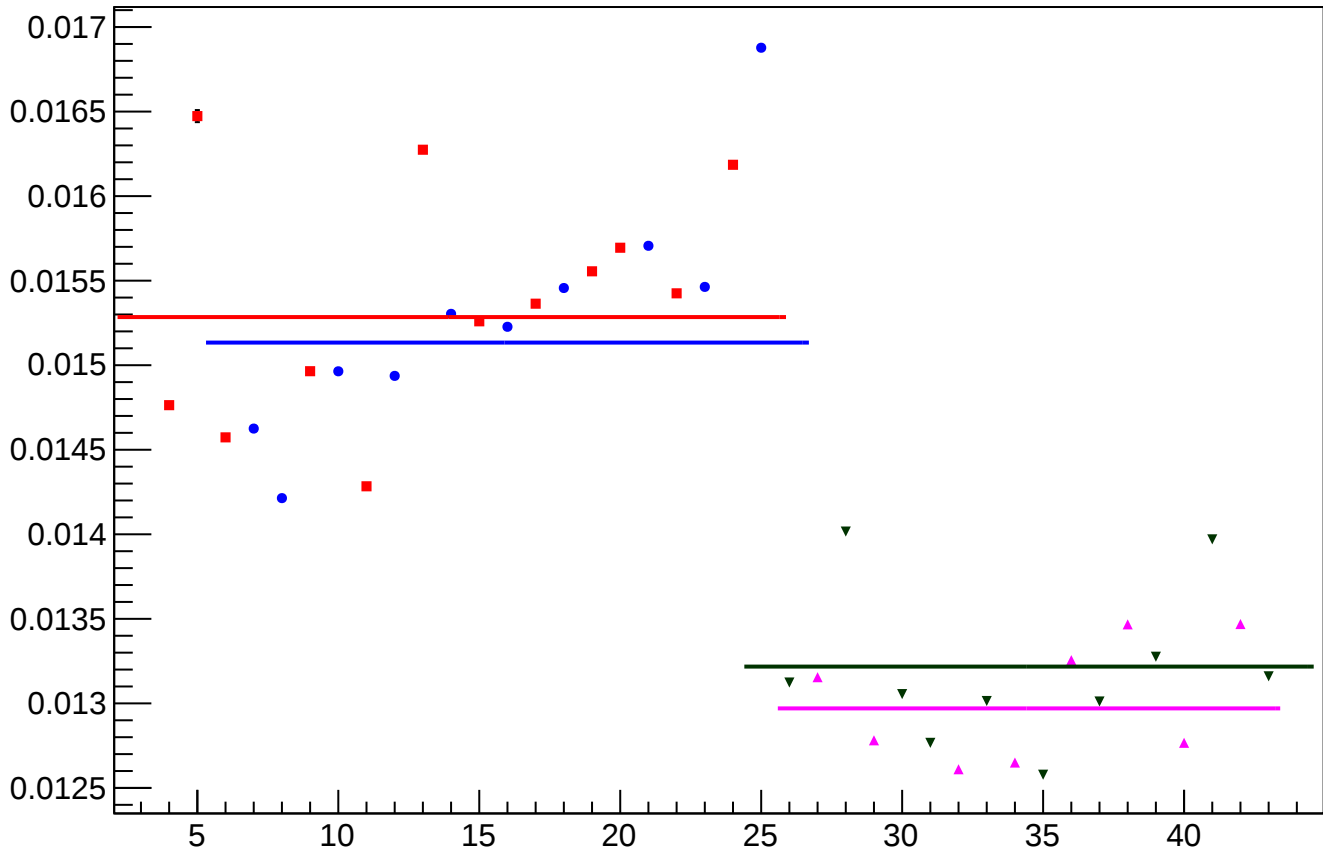
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.979+/-0.000 χ^2/NDF : 50679064.9/7

-0.986+/-0.000 χ^2/NDF : 123041271.8/19

-0.983+/-0.000 χ^2/NDF : 57119438.7/19

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 :12265.8/9

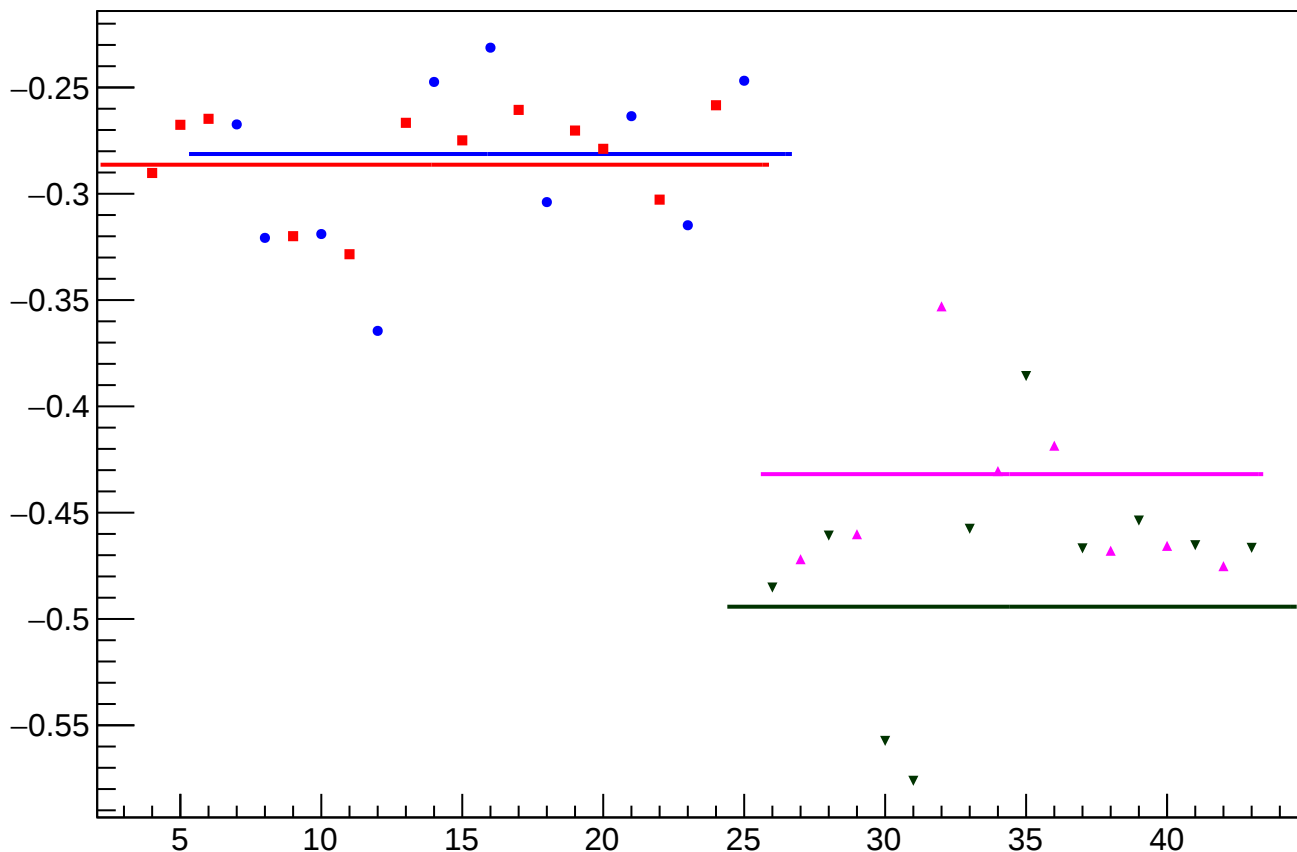
Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

Left In: 0.013+/-0.000 χ^2/NDF :6296.9/7

0.014+/-0.000 χ^2/NDF : 135218.0/19

0.014+/-0.000 χ^2/NDF : 178552.9/19

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.494+/-0.000 χ^2/NDF : 1568805763.5/9

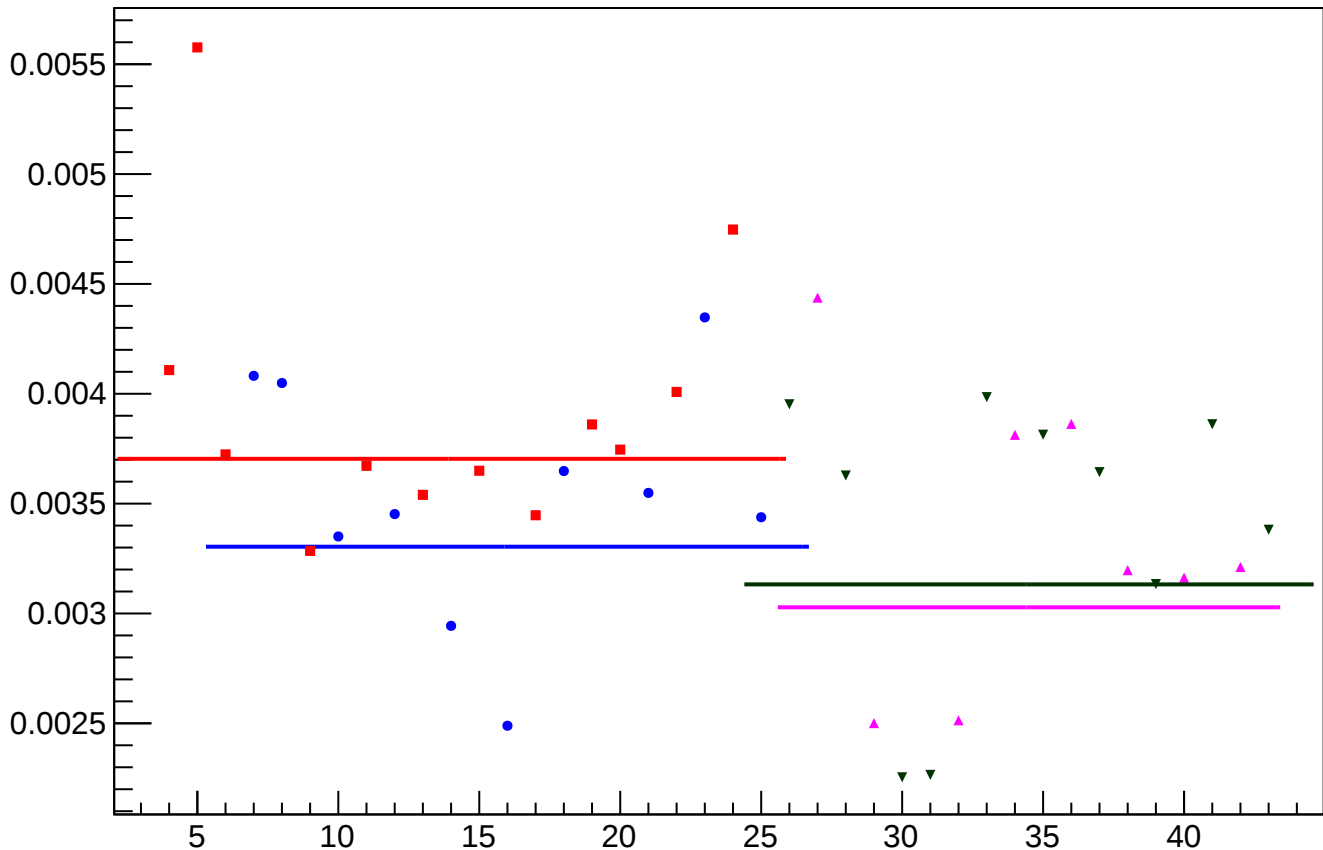
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.432+/-0.000 χ^2/NDF : 1182672554.3/7

-0.382+/-0.000 χ^2/NDF : 14170674895.5/19

-0.366+/-0.000 χ^2/NDF : 6315590365.5/19

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 : 463941.8/9

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF : 391869.2/7

0.003+/-0.000 χ^2/NDF : 786735.7/19

0.003+/-0.000 χ^2/NDF : 720769.1/19