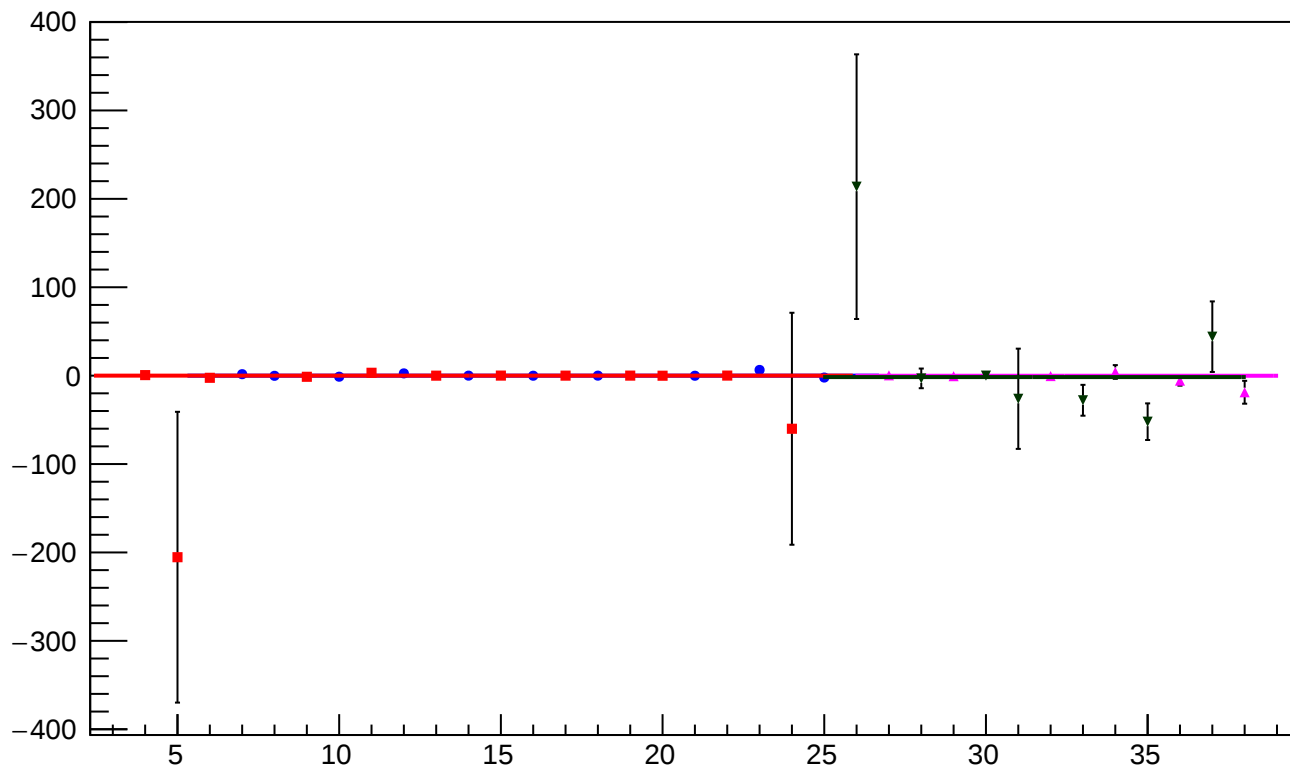


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -1.617 ± 2.815

Right Out: 0.017 ± 0.016

Left In: -0.117 ± 0.170

χ^2/NDF : 18.0/9

χ^2/NDF : 12.1/6

χ^2/NDF : 19.3/11

χ^2/NDF : 11.4/5

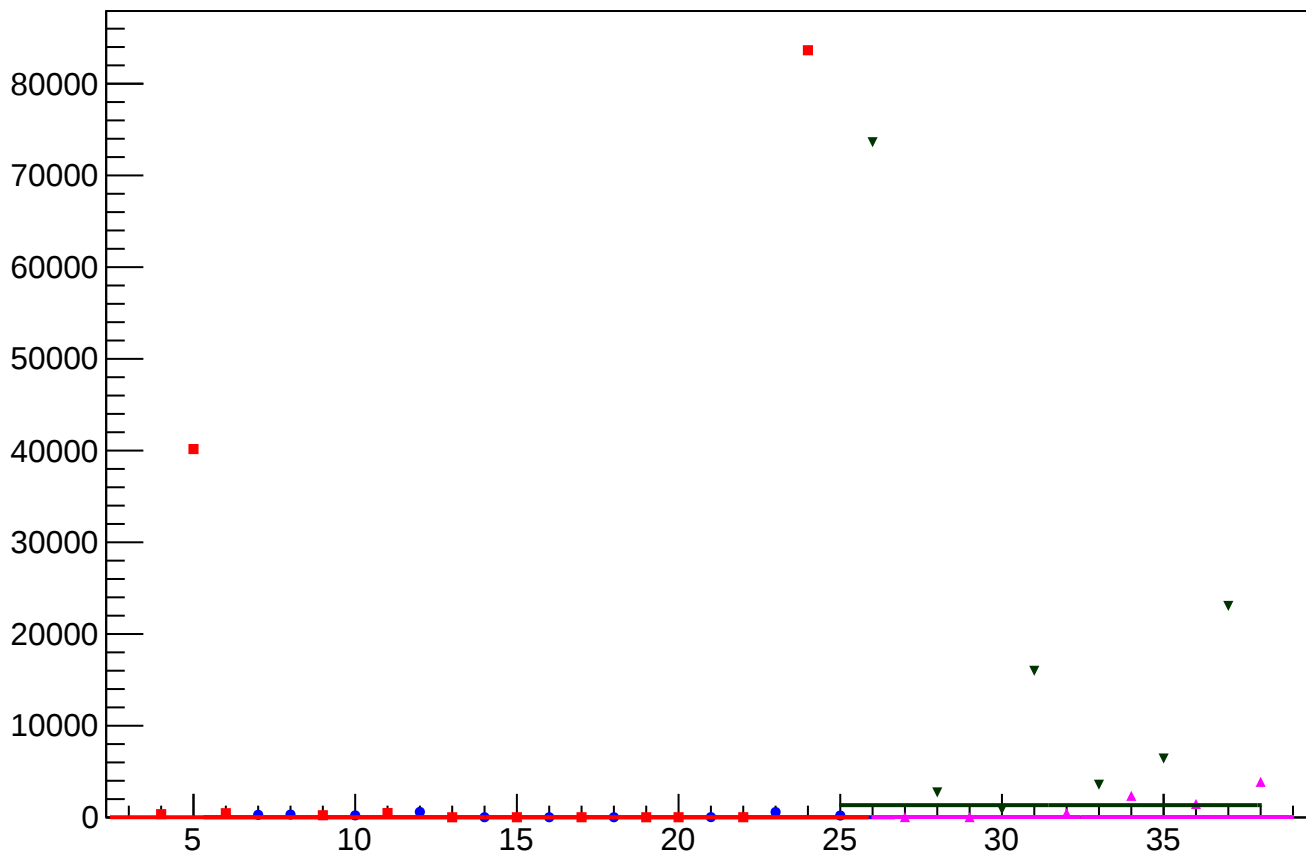
-0.014 ± 0.014

0.016 ± 0.016

χ^2/NDF : 30.4/16

χ^2/NDF : 31.3/17

diff_cav4bX_rms vs slug



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

Left Out: 1341.090+/-1.991 χ^2 /NDF:1424661.4/6

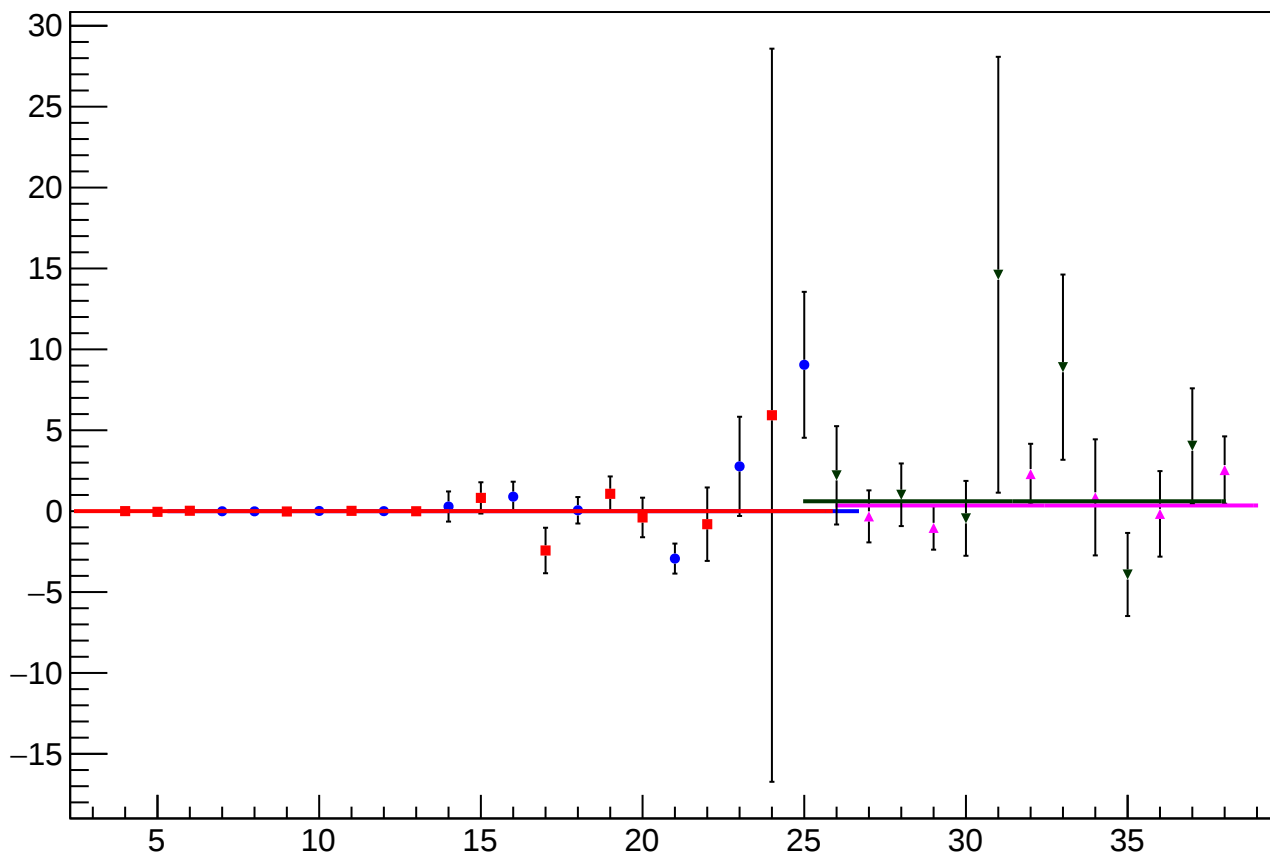
Right Out: 22.575+/-0.011 χ^2 /NDF: 1409994.7/11

Left In: 48.984+/-0.120 χ^2 /NDF:720620.8/5

22.433+/-0.010 χ^2 /NDF: 2633940.3/16

22.812+/-0.011 χ^2 /NDF: 2178625.5/17

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 $\chi^2/\text{NDF}: 18.2/9$

Left Out: 0.611 ± 1.098 $\chi^2/\text{NDF}: 7.7/6$

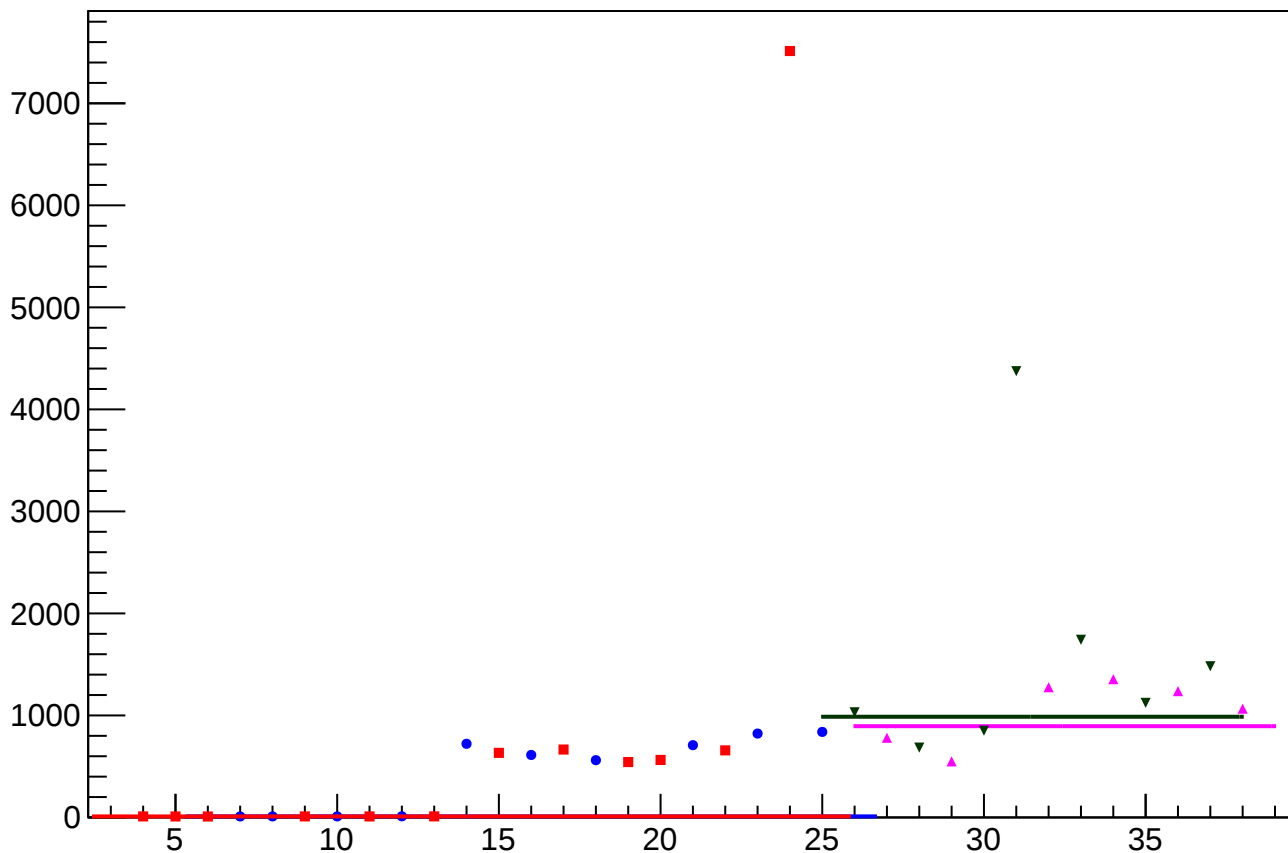
Right Out: 0.002 ± 0.005 $\chi^2/\text{NDF}: 17.0/11$

Left In: 0.352 ± 0.773 $\chi^2/\text{NDF}: 3.5/5$

-0.001 ± 0.006 $\chi^2/\text{NDF}: 26.2/16$

0.002 ± 0.005 $\chi^2/\text{NDF}: 20.6/17$

diff_cav4bY_rms vs slug



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

Left Out: 987.215+/-0.777 χ^2 /NDF: 262009.0/6

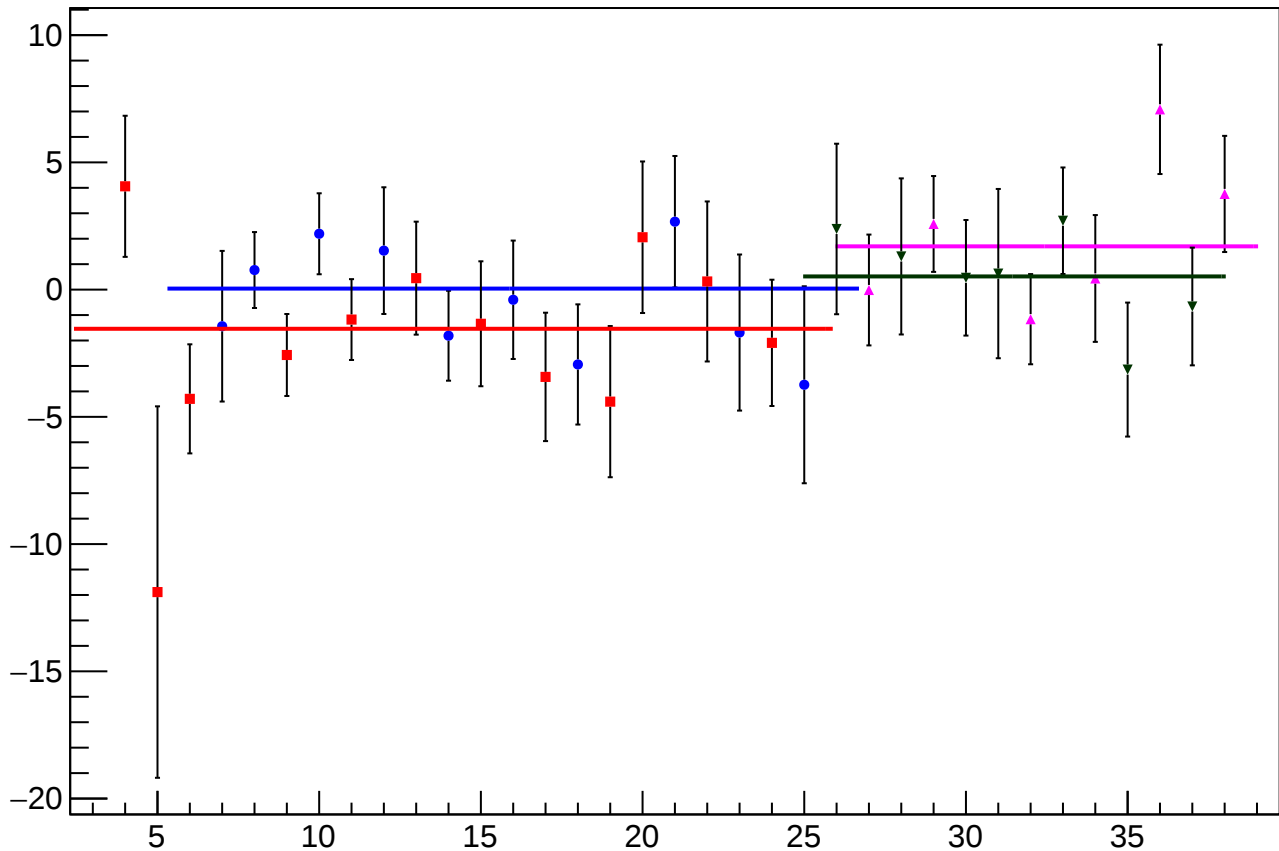
Right Out: 10.074+/-0.004 χ^2 /NDF: 2563210.4/11

Left In: 894.532+/-0.546 χ^2 /NDF: 304841.8/5

10.524+/-0.005 χ^2 /NDF: 6121808.0/16

10.118+/-0.004 χ^2 /NDF: 5489367.3/17

diff_cav4cX_mean vs slug



Right In: 0.040 ± 0.686 χ^2/NDF : 7.7/9

Left Out: 0.518 ± 0.981 χ^2/NDF : 3.7/6

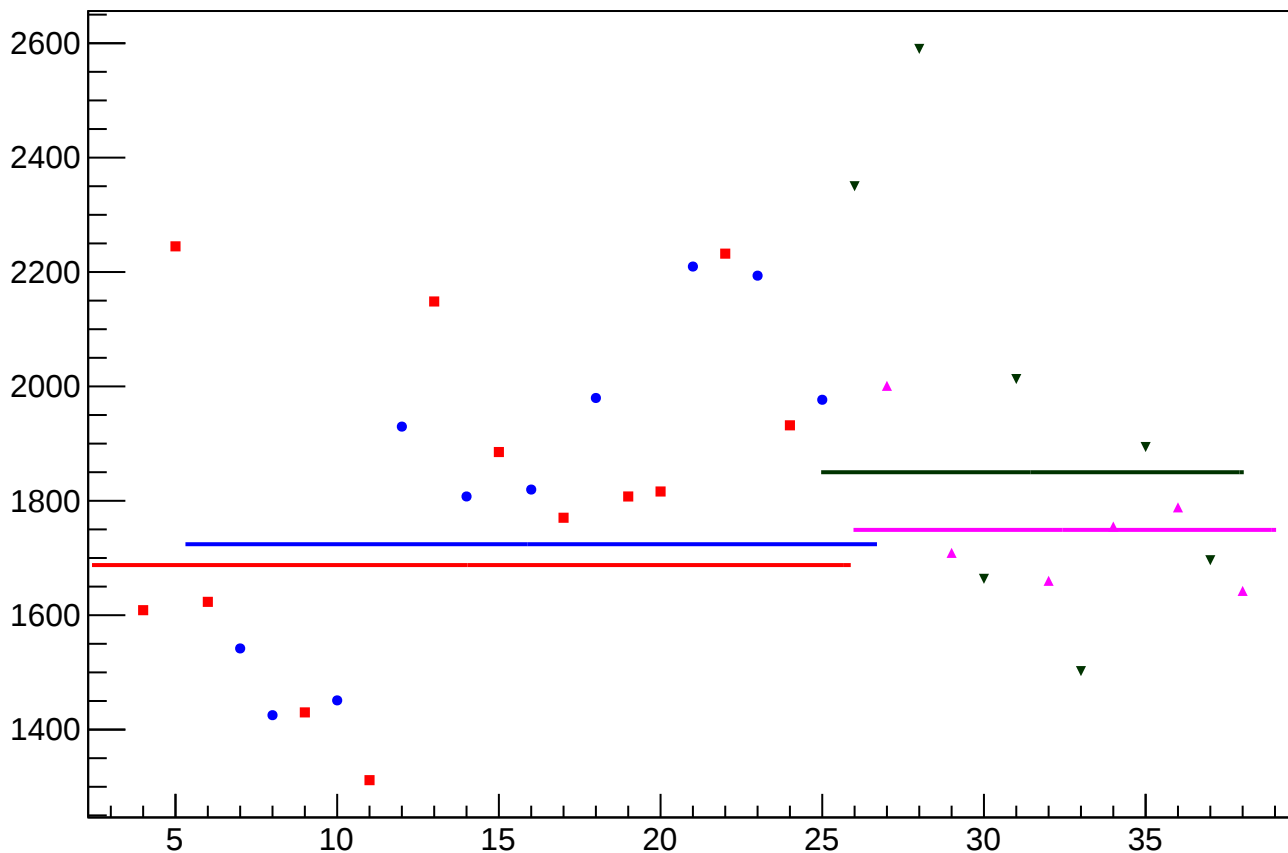
Right Out: -1.539 ± 0.680 χ^2/NDF : 12.4/11

Left In: 1.700 ± 0.871 χ^2/NDF : 9.0/5

0.197 ± 0.562 χ^2/NDF : 11.5/16

-0.312 ± 0.536 χ^2/NDF : 30.0/17

diff_cav4cX_rms vs slug



Right In: 1724.107 $\pm$ 0.485 χ^2 /NDF: 317724.0/9

Left Out: 1849.965 $\pm$ 0.694 χ^2 /NDF: 243888.9/6

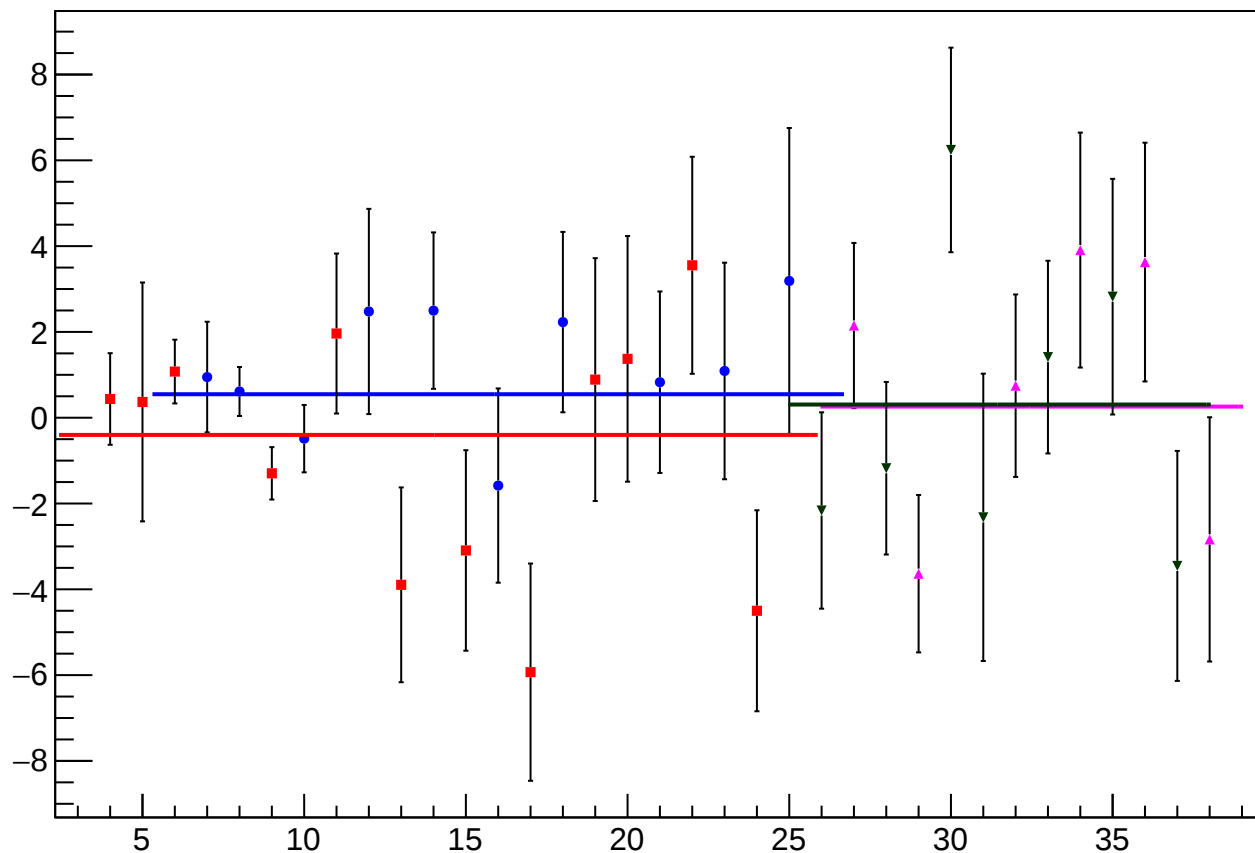
Right Out: 1687.646 $\pm$ 0.481 χ^2 /NDF: 366003.0/11

Left In: 1749.161 $\pm$ 0.616 χ^2 /NDF: 37576.0/5

1765.418 $\pm$ 0.397 χ^2 /NDF: 583729.5/16

1710.943 $\pm$ 0.379 χ^2 /NDF: 409781.5/17

diff_cav4cY_mean vs slug



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

Left Out: 0.307 ± 0.923 χ^2/NDF : 11.6/6

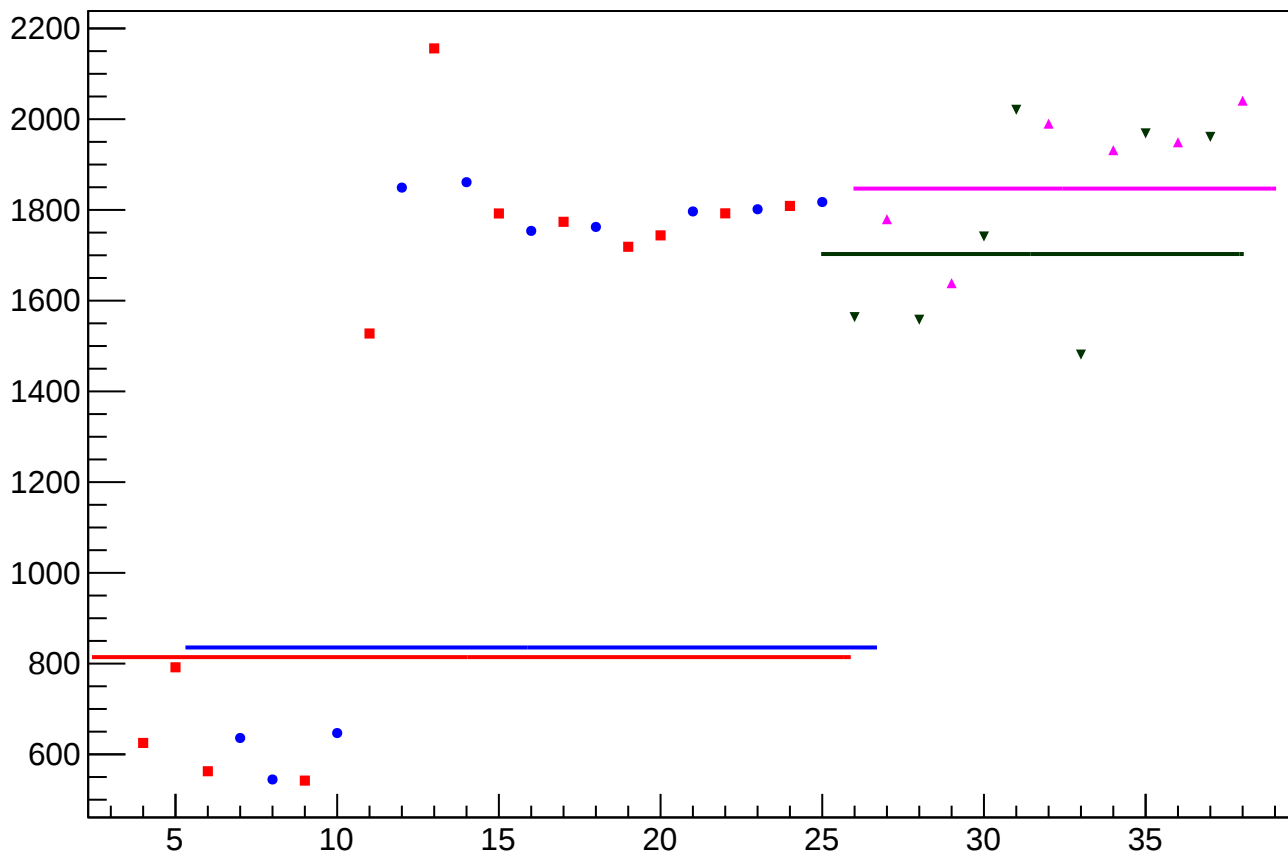
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: 0.259 ± 0.923 χ^2/NDF : 9.9/5

0.512 ± 0.358 χ^2/NDF : 17.4/16

-0.305 ± 0.352 χ^2/NDF : 33.3/17

diff_cav4cY_rms vs slug



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

Left Out: 1702.789+/-0.653 χ^2/NDF :93090.6/6

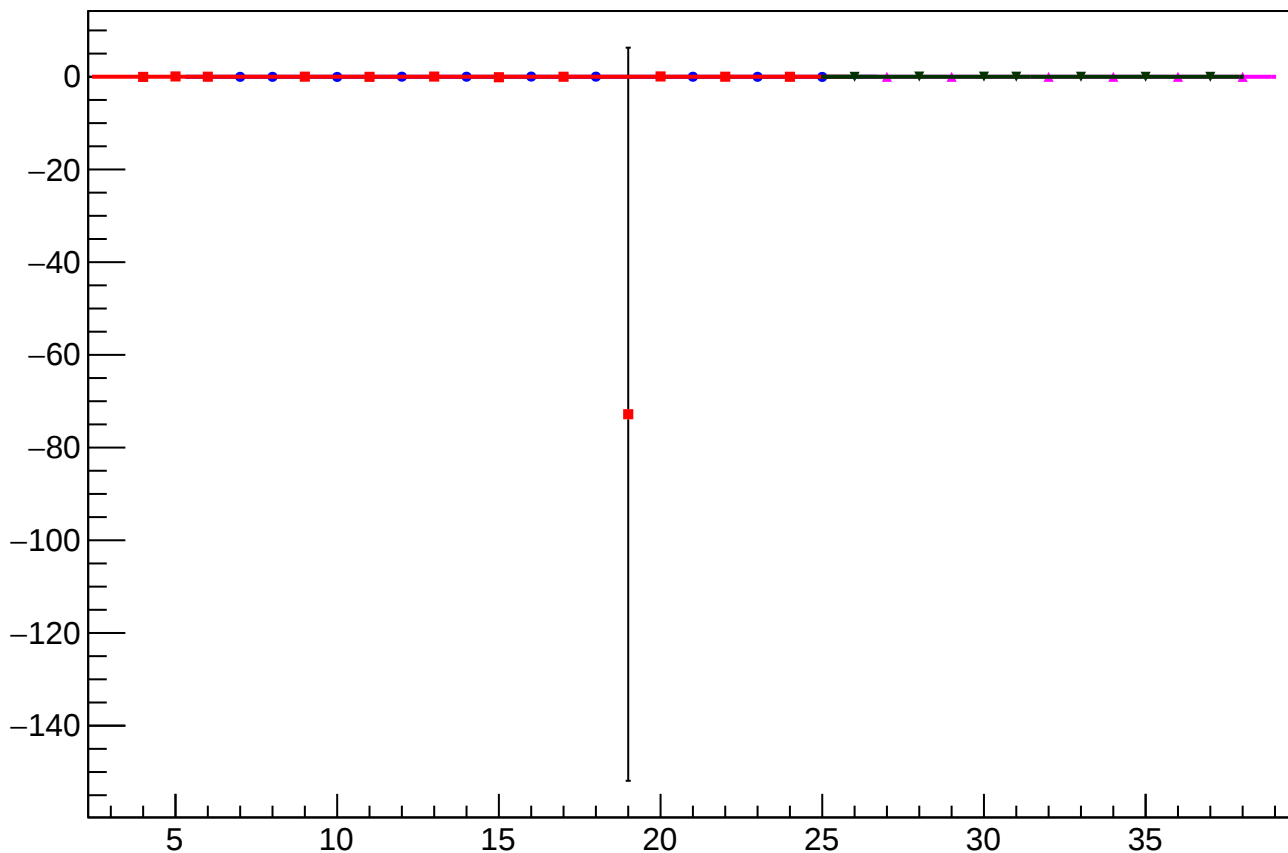
Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

Left In: 1846.990+/-0.653 χ^2/NDF :51216.2/5

965.695+/-0.253 χ^2/NDF : 4842720.1/16

964.310+/-0.249 χ^2/NDF : 5583295.3/17

diff_cav4dX_mean vs slug



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

Left Out: 0.003 $\pm$ 0.005 χ^2 /NDF: 8.2/6

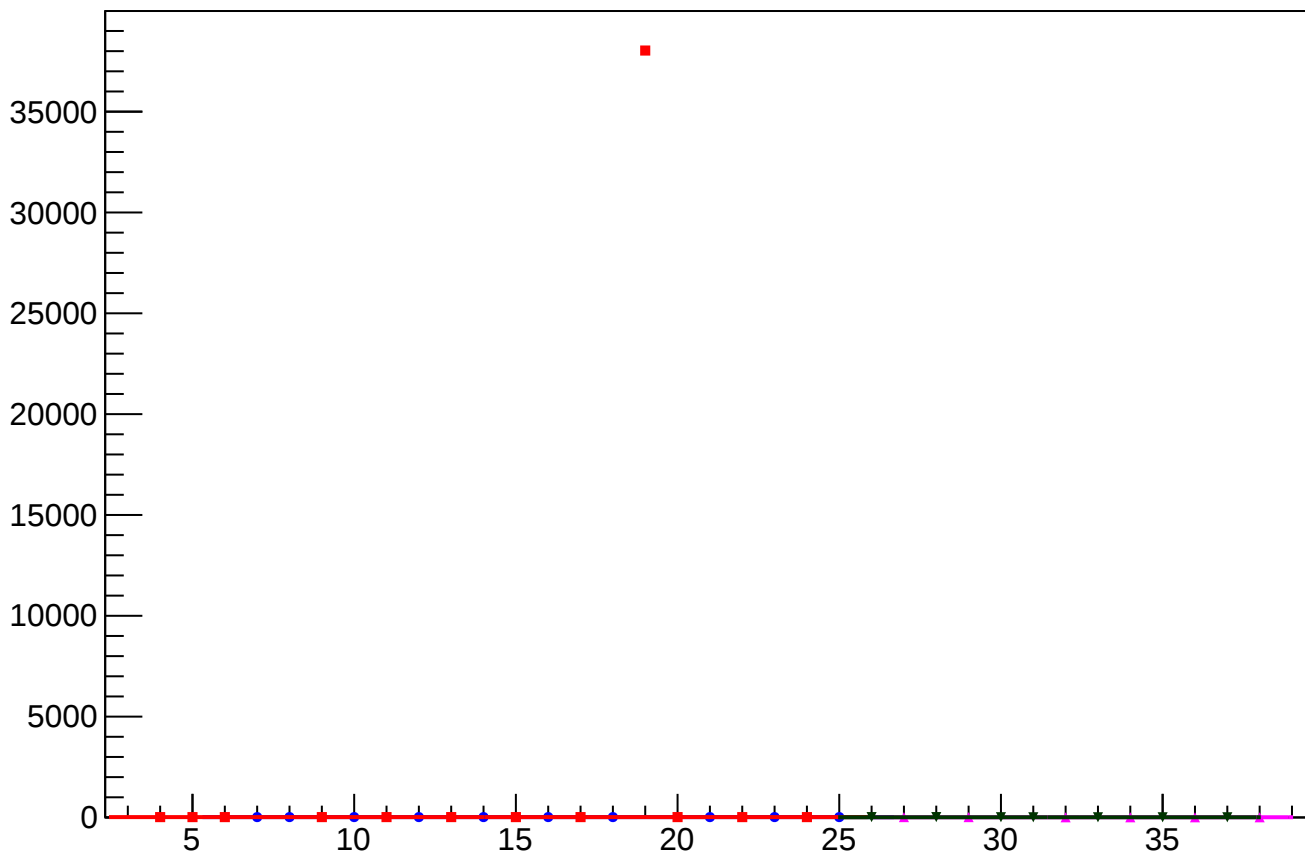
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.002 $\pm$ 0.005 χ^2 /NDF: 0.9/5

0.000 $\pm$ 0.005 χ^2 /NDF: 14.9/16

0.002 $\pm$ 0.004 χ^2 /NDF: 14.1/17

diff_cav4dX_rms vs slug



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

Left Out: 9.888 $\pm$ 0.004 χ^2 /NDF: 543242.9/6

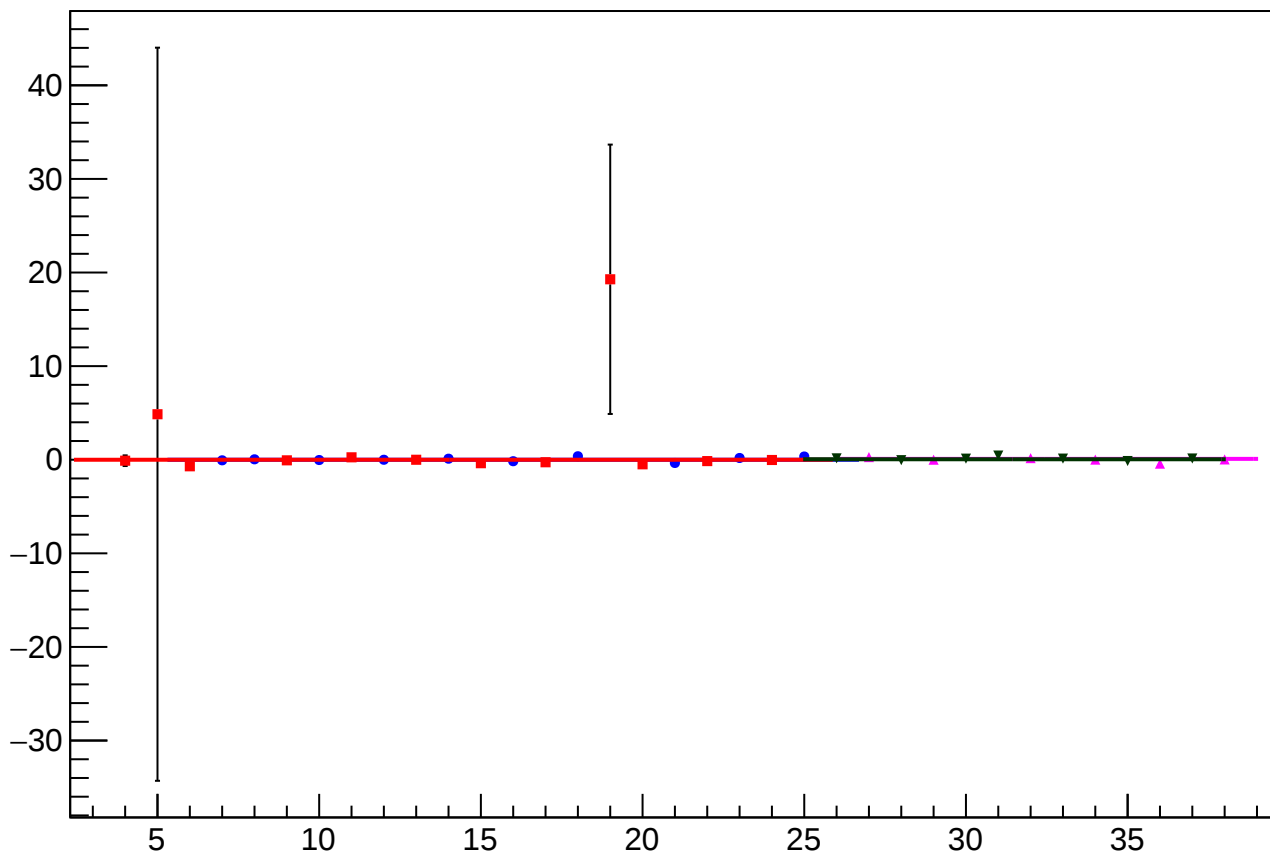
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 9.829 $\pm$ 0.004 χ^2 /NDF: 708356.8/5

12.373 $\pm$ 0.003 χ^2 /NDF: 1809689.8/16

12.093 $\pm$ 0.003 χ^2 /NDF: 2503432.7/17

diff_cav4dY_mean vs slug



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

Left Out: 0.050 ± 0.068 χ^2/NDF : 3.4/6

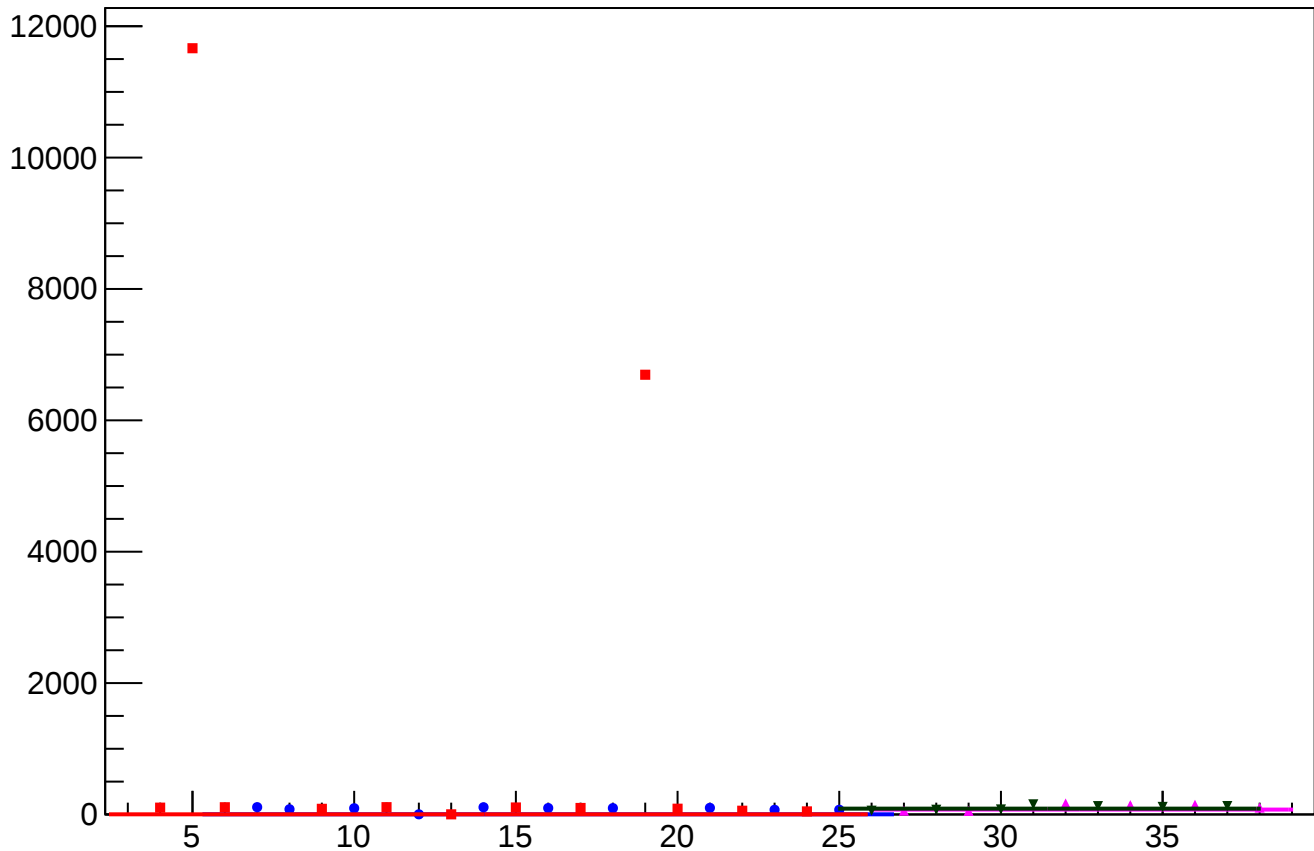
Right Out: -0.003 ± 0.003 χ^2/NDF : 12.3/11

Left In: 0.091 ± 0.059 χ^2/NDF : 7.3/5

-0.003 ± 0.003 χ^2/NDF : 19.1/16

-0.002 ± 0.003 χ^2/NDF : 22.2/17

diff_cav4dY_rms vs slug



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

Left Out: 88.551+/-0.048 χ^2/NDF : 332237.7/6

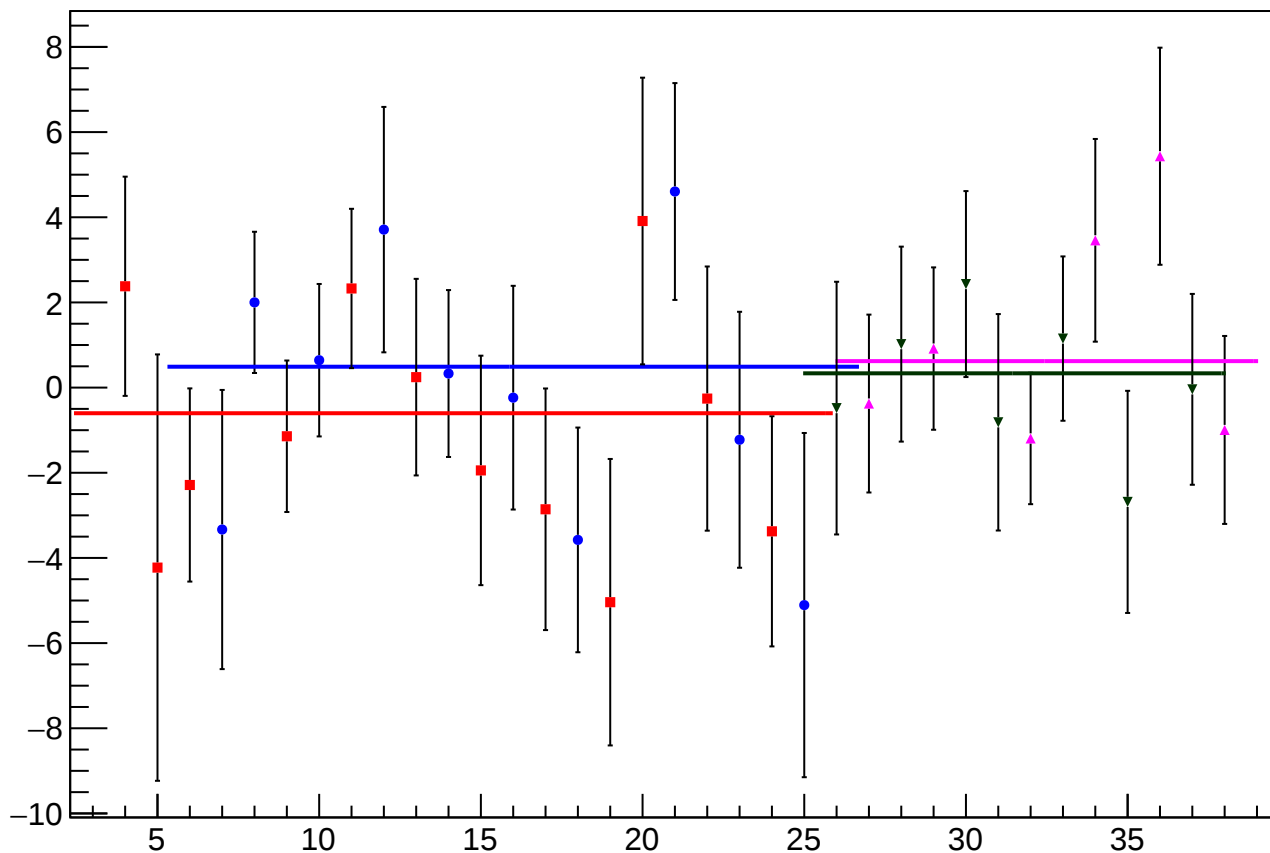
Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

Left In: 74.188+/-0.041 χ^2/NDF : 706342.3/5

2.310+/-0.002 χ^2/NDF : 9382083.0/16

2.247+/-0.002 χ^2/NDF : 7950323.8/17

diff_bpm4aX_mean vs slug



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

Left Out: 0.335 ± 0.883 χ^2/NDF : 2.8/6

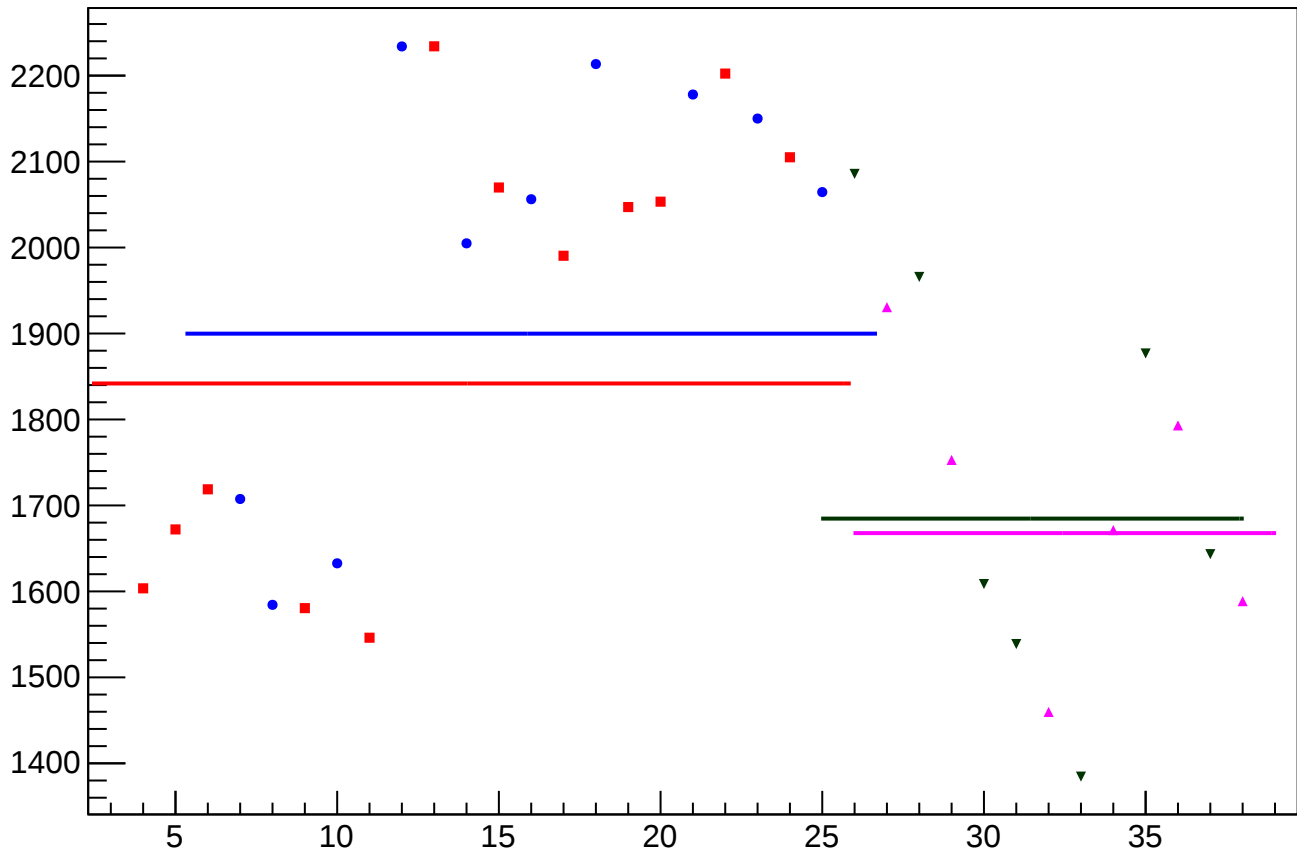
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

Left In: 0.621 ± 0.828 χ^2/NDF : 7.2/5

0.425 ± 0.573 χ^2/NDF : 13.6/16

-0.063 ± 0.549 χ^2/NDF : 19.0/17

diff_bpm4aX_rms vs slug



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

Left Out: 1684.692+/-0.624 χ^2/NDF :135646.2/6

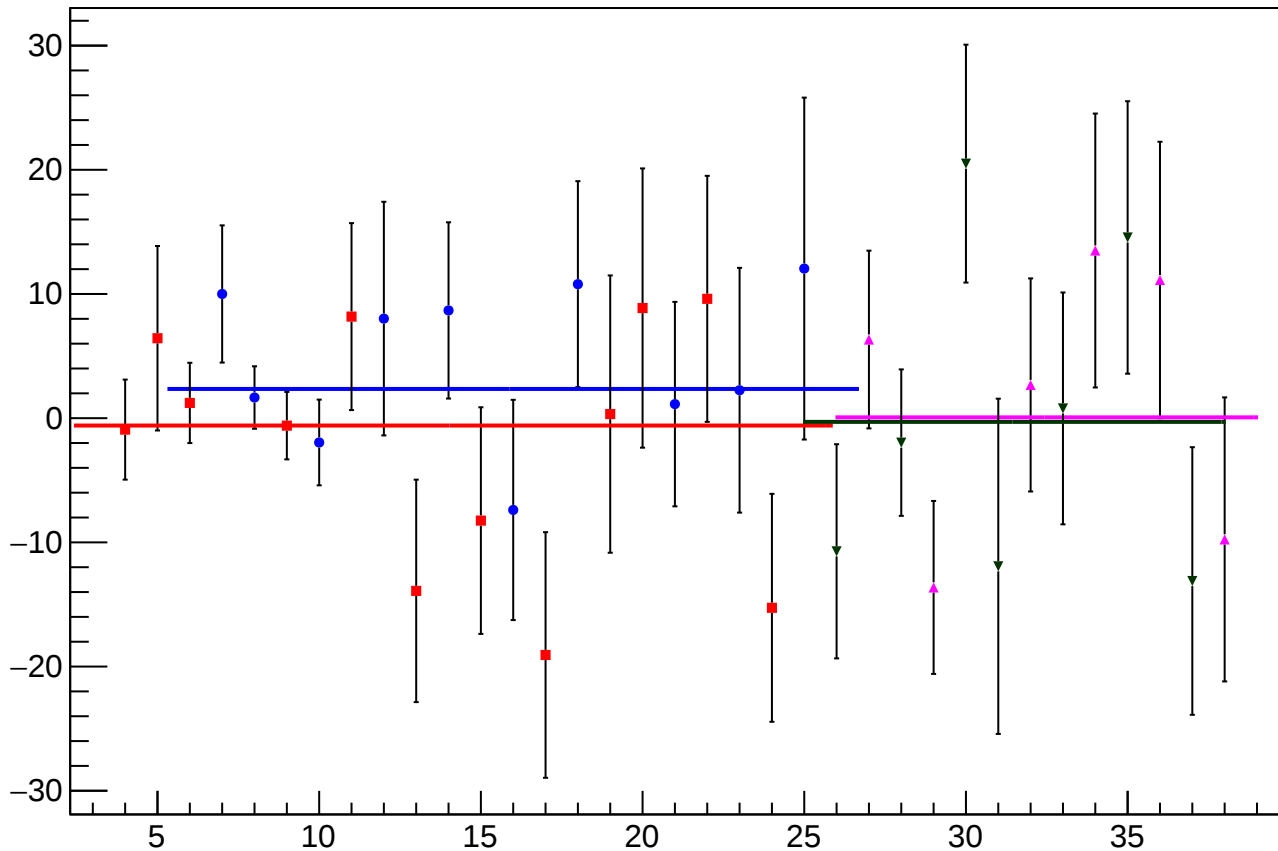
Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

Left In: 1667.809+/-0.585 χ^2/NDF :79403.2/5

1809.225+/-0.405 χ^2/NDF : 437297.3/16

1765.196+/-0.388 χ^2/NDF : 386257.8/17

diff_bpm4aY_mean vs slug



Right In: 2.354 ± 1.658 $\chi^2/\text{NDF}: 7.5/9$

Left Out: -0.297 ± 3.390 $\chi^2/\text{NDF}: 10.3/6$

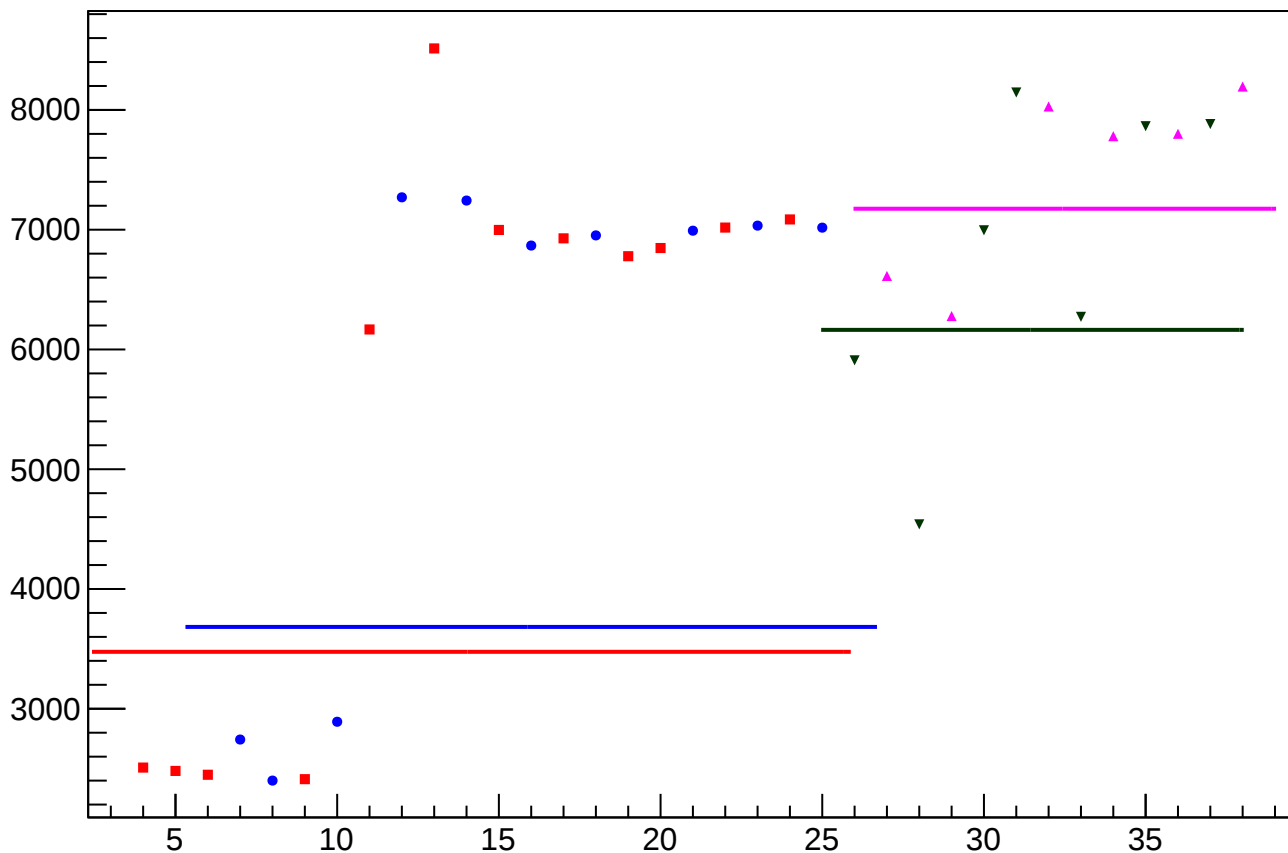
Right Out: -0.592 ± 1.578 $\chi^2/\text{NDF}: 13.3/11$

Left In: 0.068 ± 3.588 $\chi^2/\text{NDF}: 7.9/5$

1.842 ± 1.490 $\chi^2/\text{NDF}: 18.2/16$

-0.485 ± 1.445 $\chi^2/\text{NDF}: 21.3/17$

diff_bpm4aY_rms vs slug



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

Left Out: 6163.660+/-2.397 χ^2/NDF : 310823.3/6

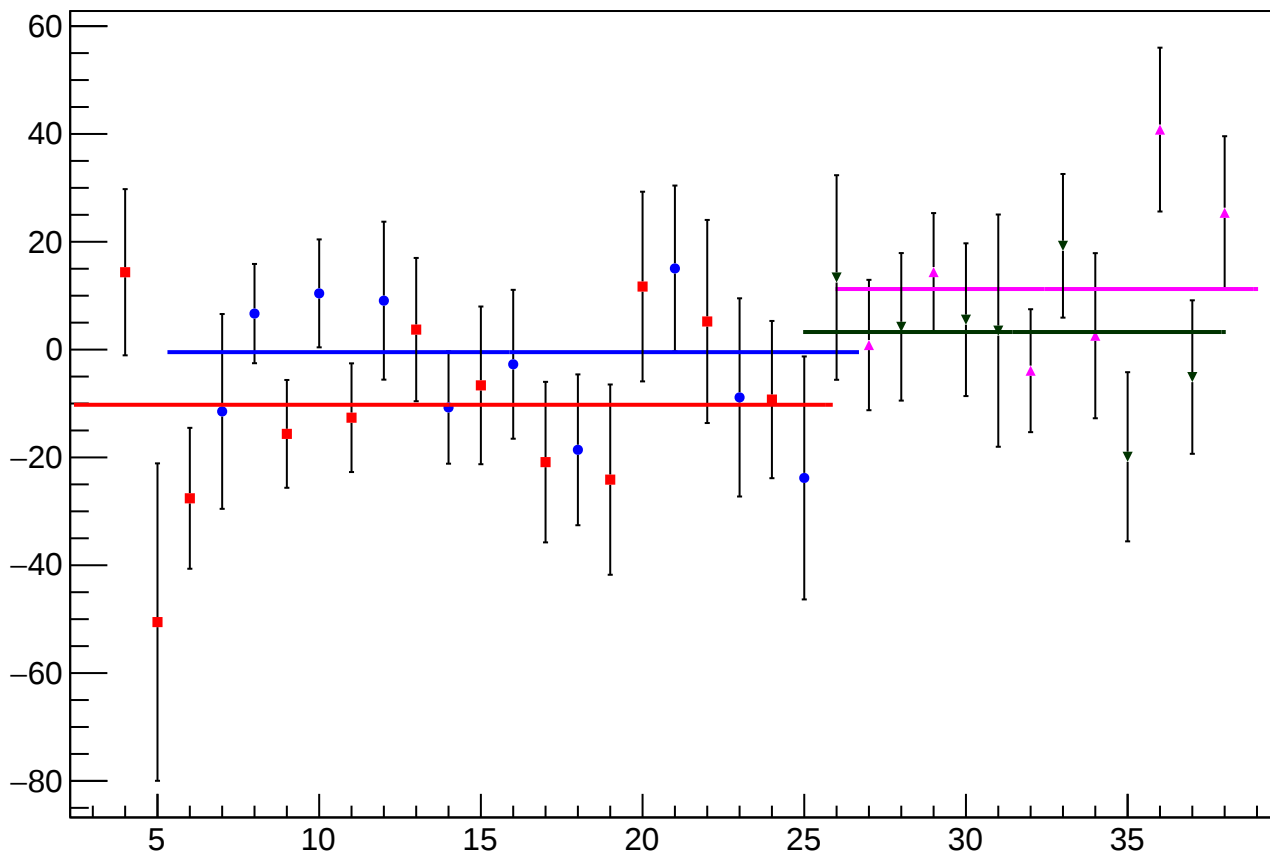
4162.155+/-1.053 χ^2/NDF : 3893141.9/16

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

4075.333+/-1.022 χ^2/NDF : 4885465.7/17

Left In: 7175.150+/-2.537 χ^2/NDF : 93505.1/5

diff_bpm4eX_mean vs slug



Right In: -0.470 ± 4.145 $\chi^2/\text{NDF}: 7.6/9$

Left Out: 3.263 ± 5.784 $\chi^2/\text{NDF}: 4.3/6$

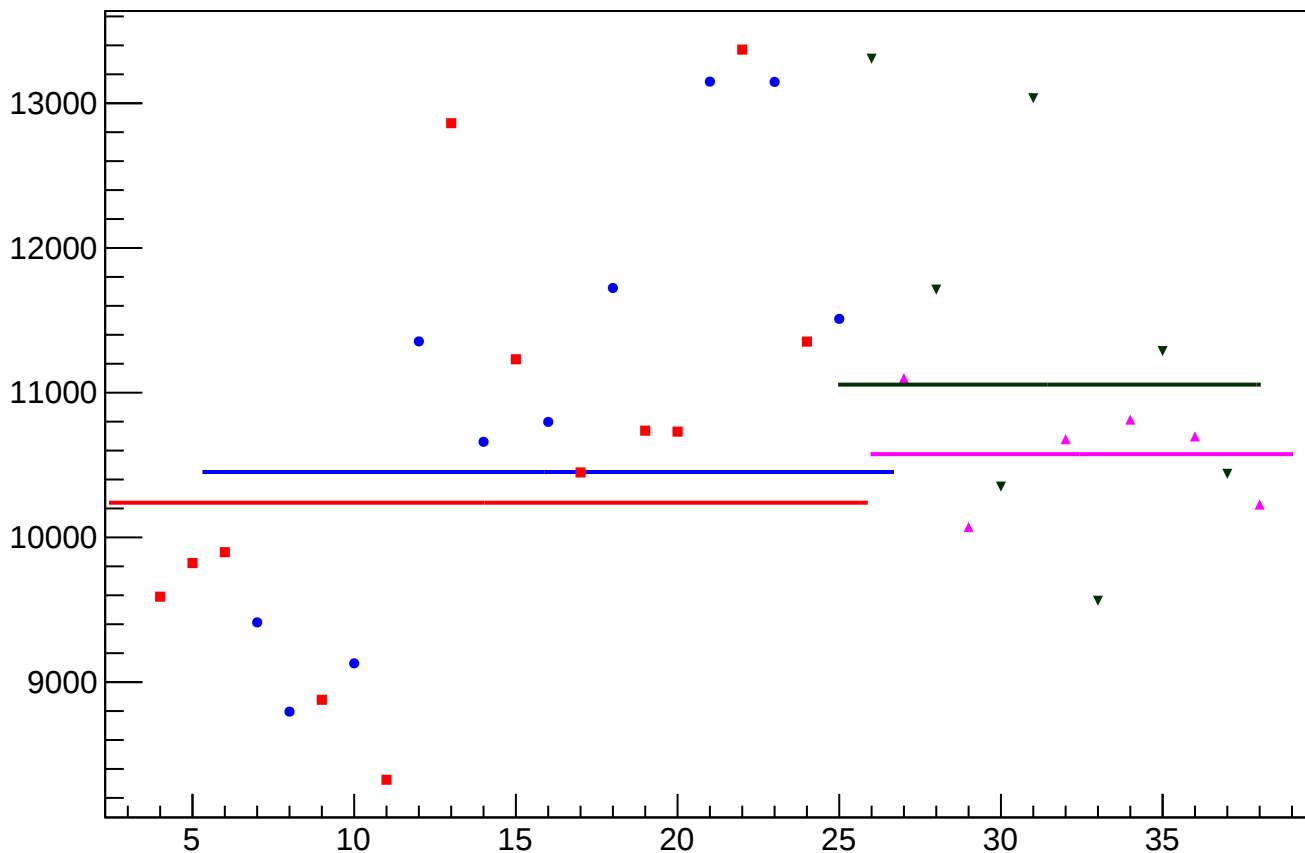
Right Out: -10.234 ± 4.087 $\chi^2/\text{NDF}: 11.1/11$

Left In: 11.237 ± 5.238 $\chi^2/\text{NDF}: 7.7/5$

0.796 ± 3.369 $\chi^2/\text{NDF}: 12.1/16$

-2.110 ± 3.222 $\chi^2/\text{NDF}: 29.2/17$

diff_bpm4eX_rms vs slug



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

Left Out: 11055.719+/-4.090 χ^2/NDF : 83933.5/6

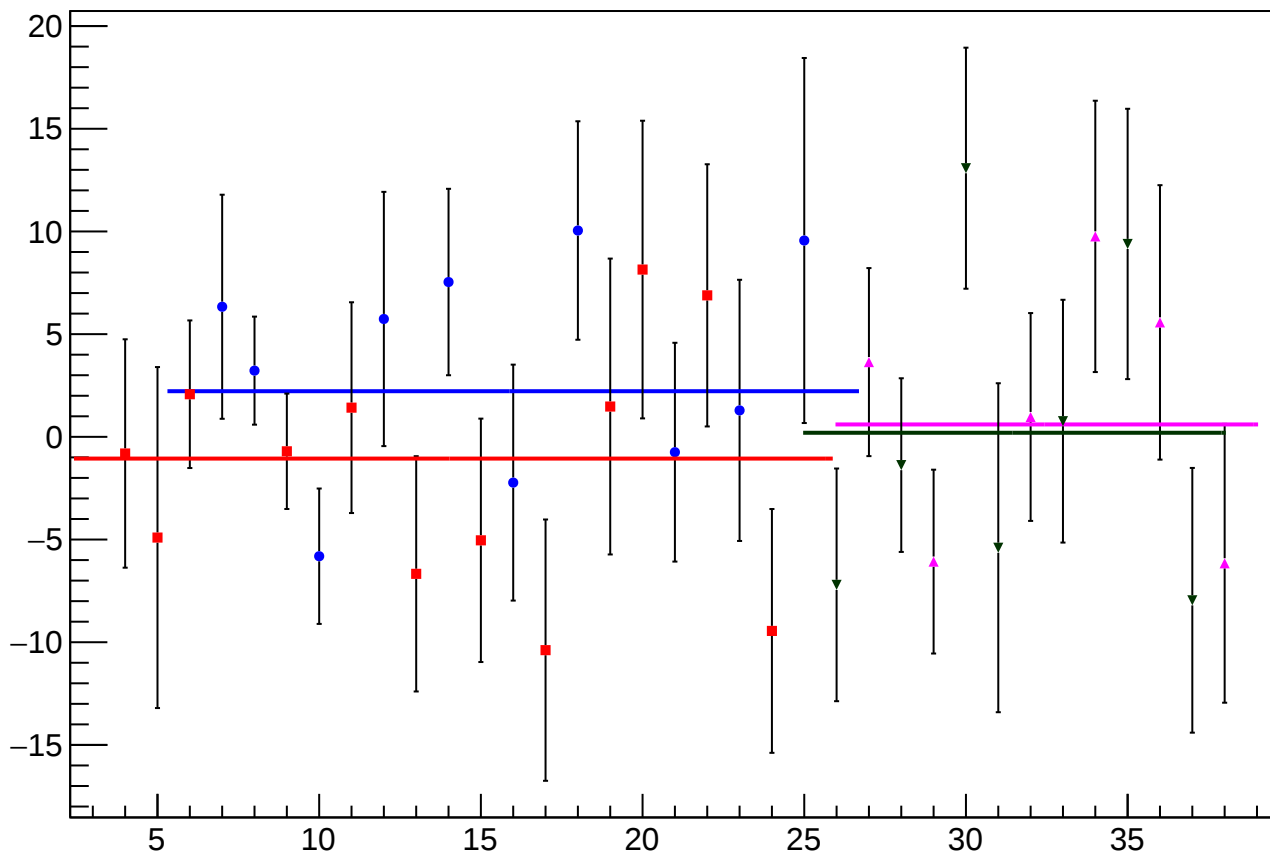
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

Left In: 10575.388+/-3.704 χ^2/NDF : 10001.9/5

10656.773+/-2.382 χ^2/NDF : 339695.0/16

10366.723+/-2.278 χ^2/NDF : 287179.4/17

diff_bpm4eY_mean vs slug



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

Left Out: 0.198 ± 2.195 χ^2/NDF : 10.7/6

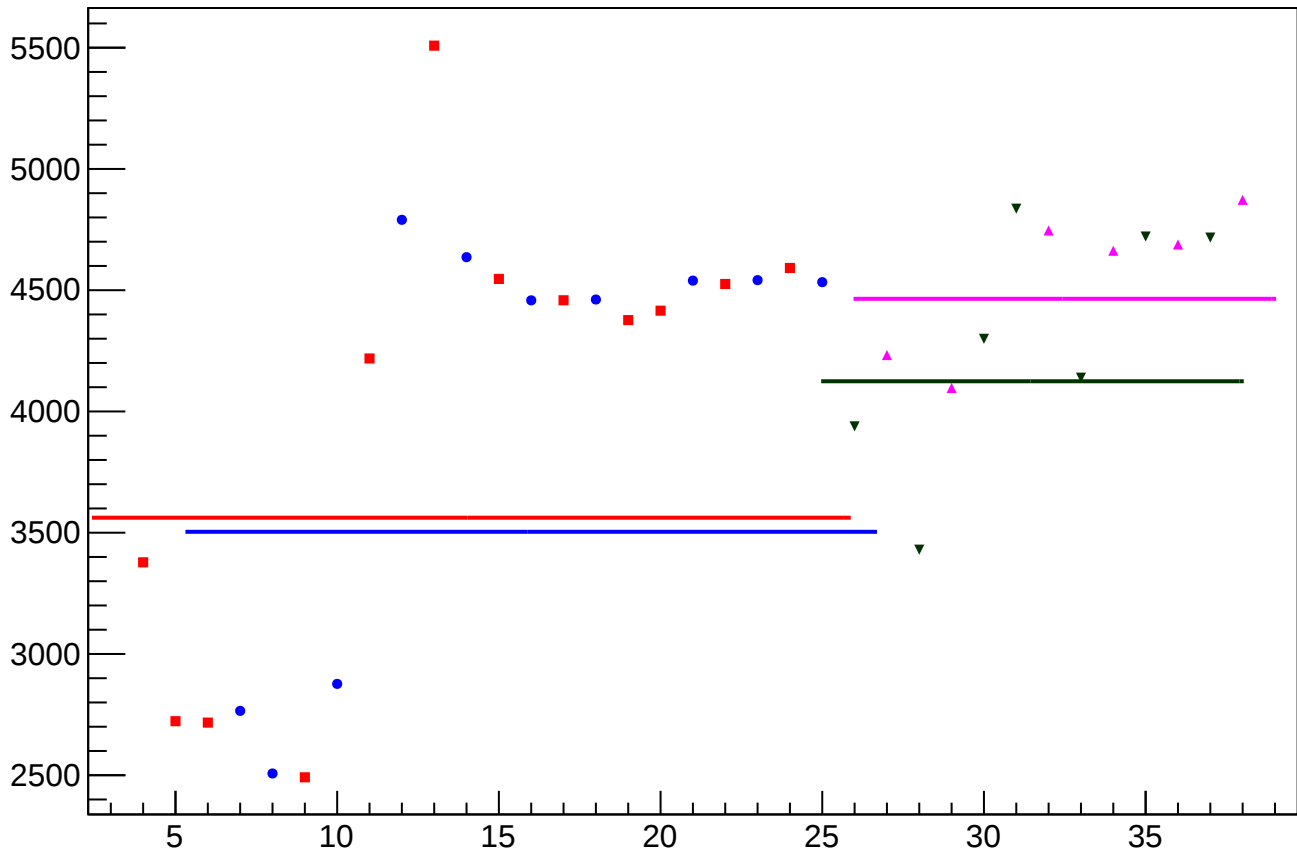
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: 0.604 ± 2.215 χ^2/NDF : 6.1/5

1.614 ± 1.203 χ^2/NDF : 23.4/16

-0.551 ± 1.224 χ^2/NDF : 16.6/17

diff_bpm4eY_rms vs slug



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

Left Out: 4124.489+/-1.552 χ^2/NDF :107042.5/6

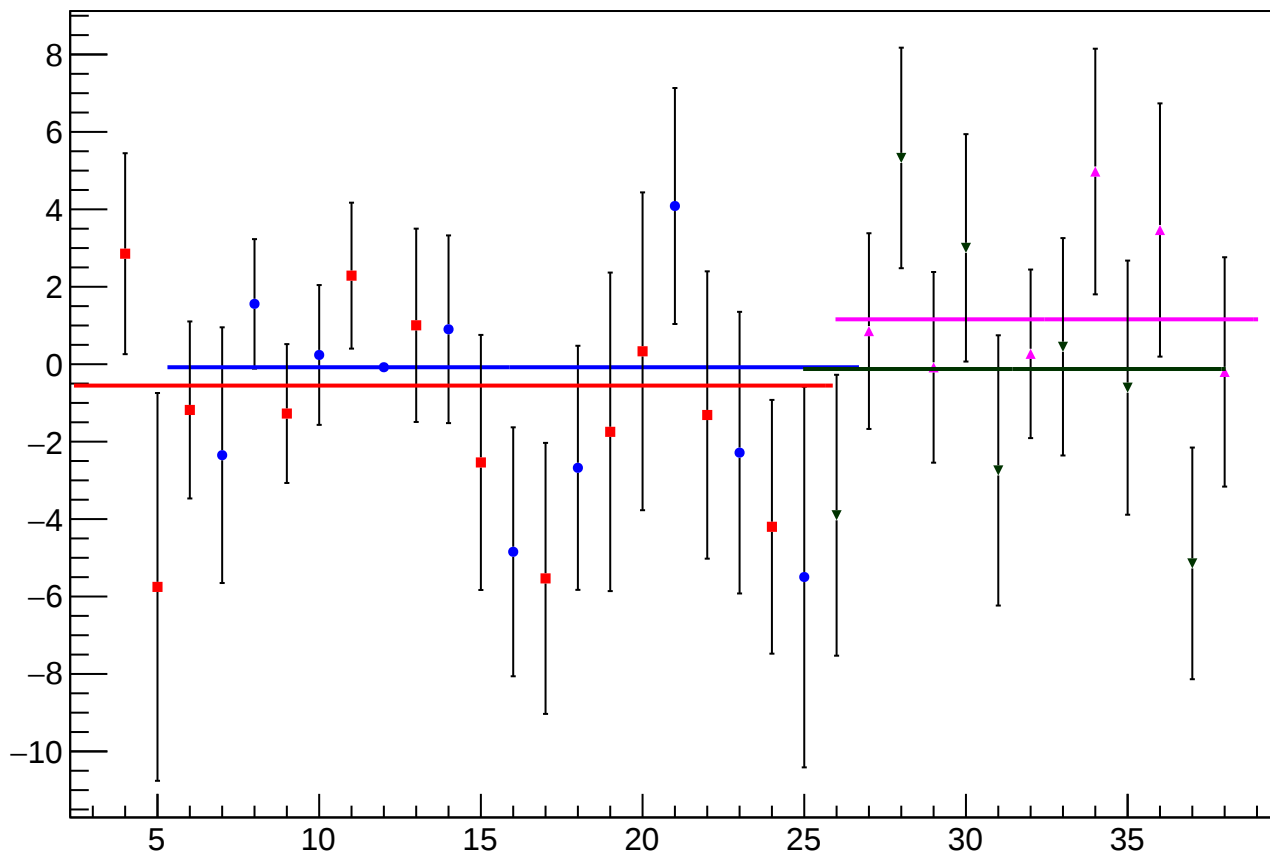
3690.271+/-0.851 χ^2/NDF : 1101765.7/16

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

3837.355+/-0.865 χ^2/NDF : 1208399.7/17

Left In: 4464.579+/-1.567 χ^2/NDF :36105.6/5

diff_bpm4acX_mean vs slug



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

Left Out: -0.124 ± 1.171 χ^2/NDF : 9.3/6

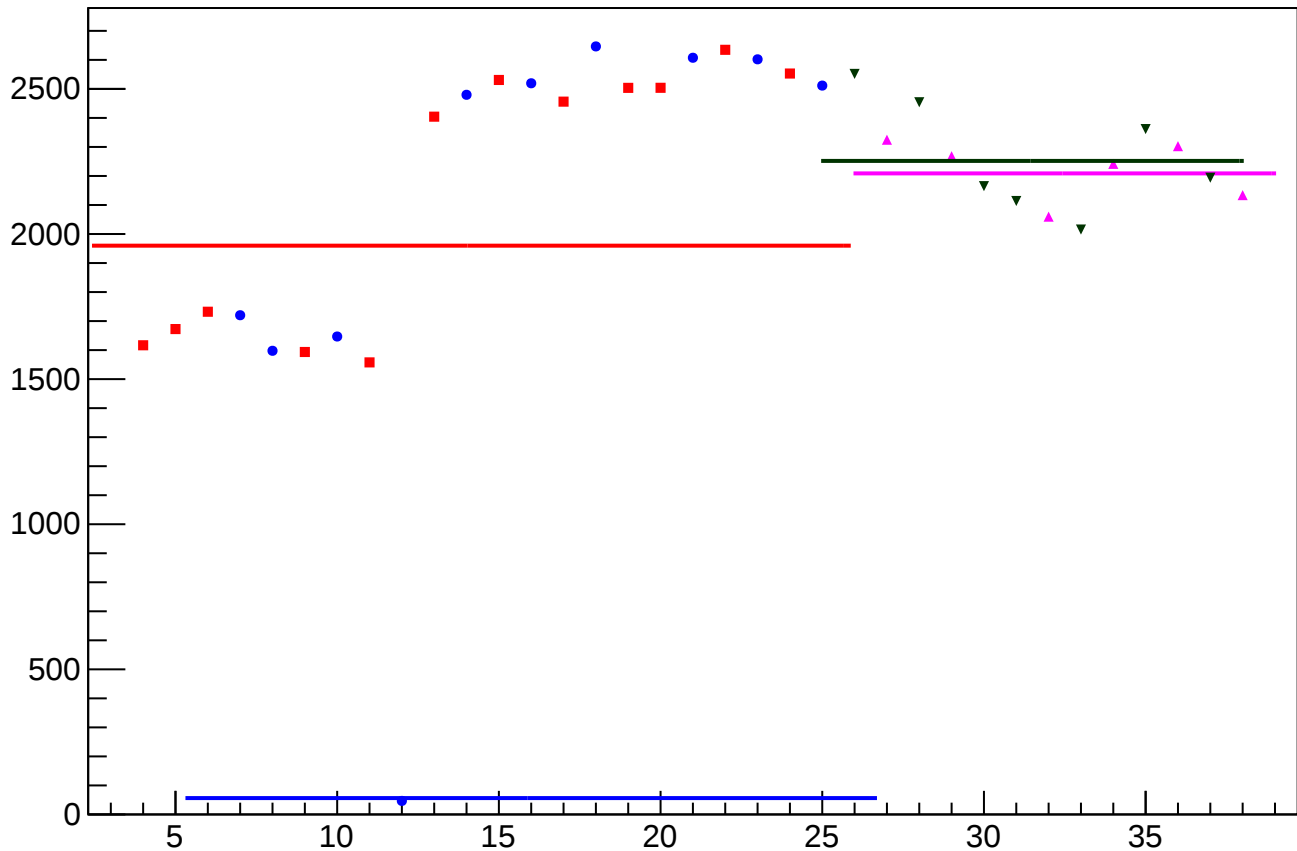
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 1.159 ± 1.091 χ^2/NDF : 2.6/5

-0.078 ± 0.060 χ^2/NDF : 17.3/16

0.039 ± 0.641 χ^2/NDF : 13.7/17

diff_bpm4acX_rms vs slug



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

Left Out: 2251.887+/-0.828 χ^2/NDF : 45791.2/6

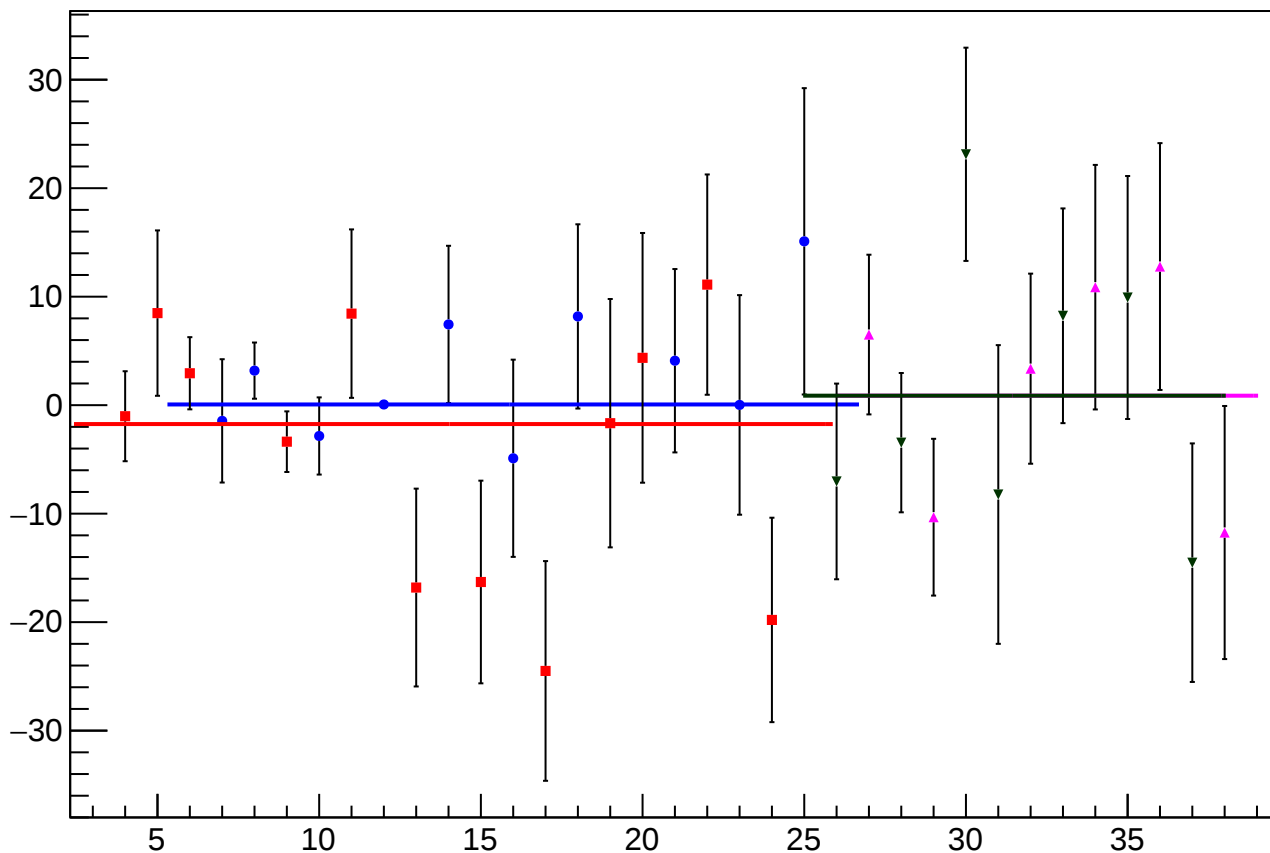
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

Left In: 2208.880+/-0.772 χ^2/NDF : 17890.4/5

62.205+/-0.042 χ^2/NDF : 18266087.6/16

2045.878+/-0.454 χ^2/NDF : 687425.8/17

diff_bpm4acY_mean vs slug



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

Left Out: 0.875 ± 3.566 $\chi^2/\text{NDF}: 10.0/6$

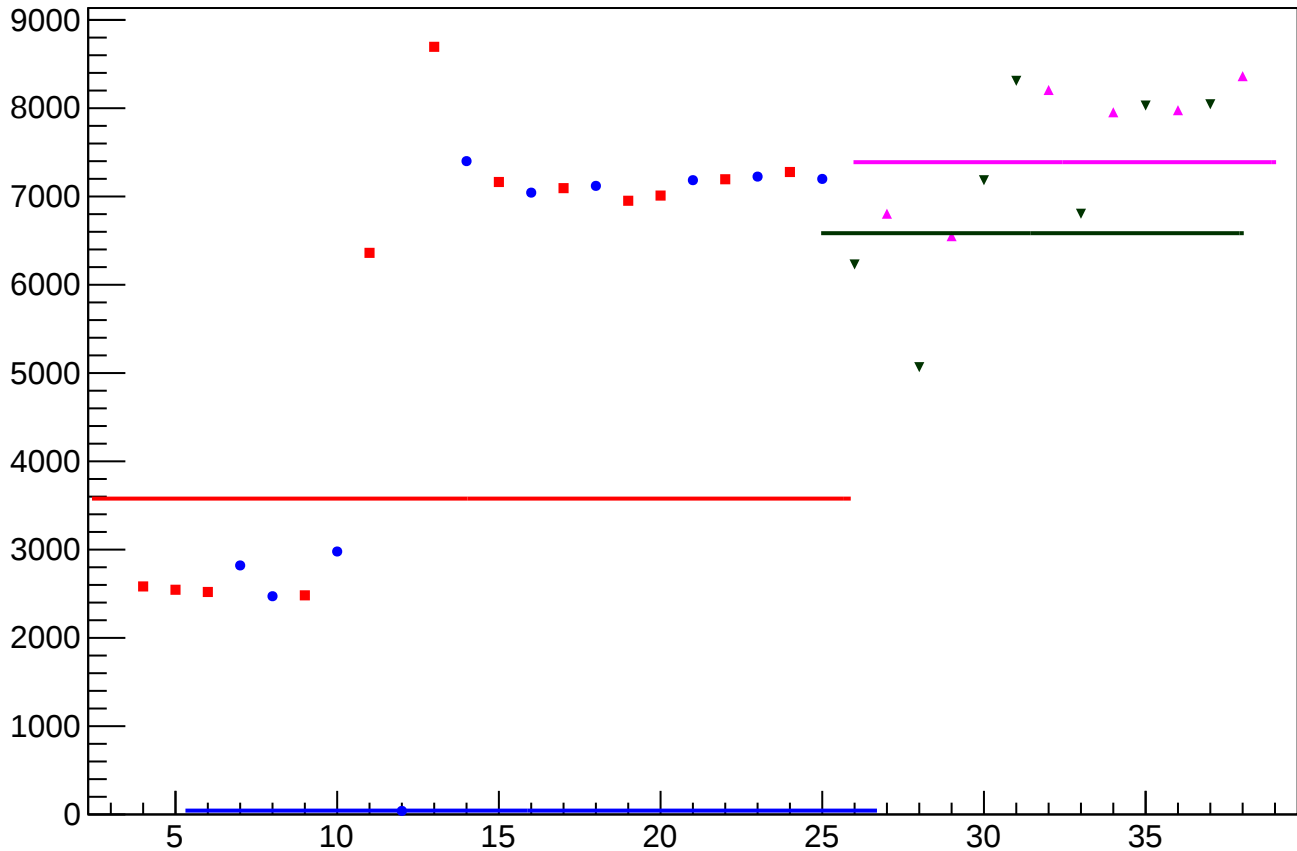
Right Out: -1.741 ± 1.623 $\chi^2/\text{NDF}: 21.6/11$

Left In: 0.873 ± 3.686 $\chi^2/\text{NDF}: 6.1/5$

0.066 ± 0.052 $\chi^2/\text{NDF}: 15.8/16$

-1.317 ± 1.485 $\chi^2/\text{NDF}: 28.2/17$

diff_bpm4acY_rms vs slug



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

Left Out: 6584.313+/-2.522 χ^2 /NDF:223342.0/6

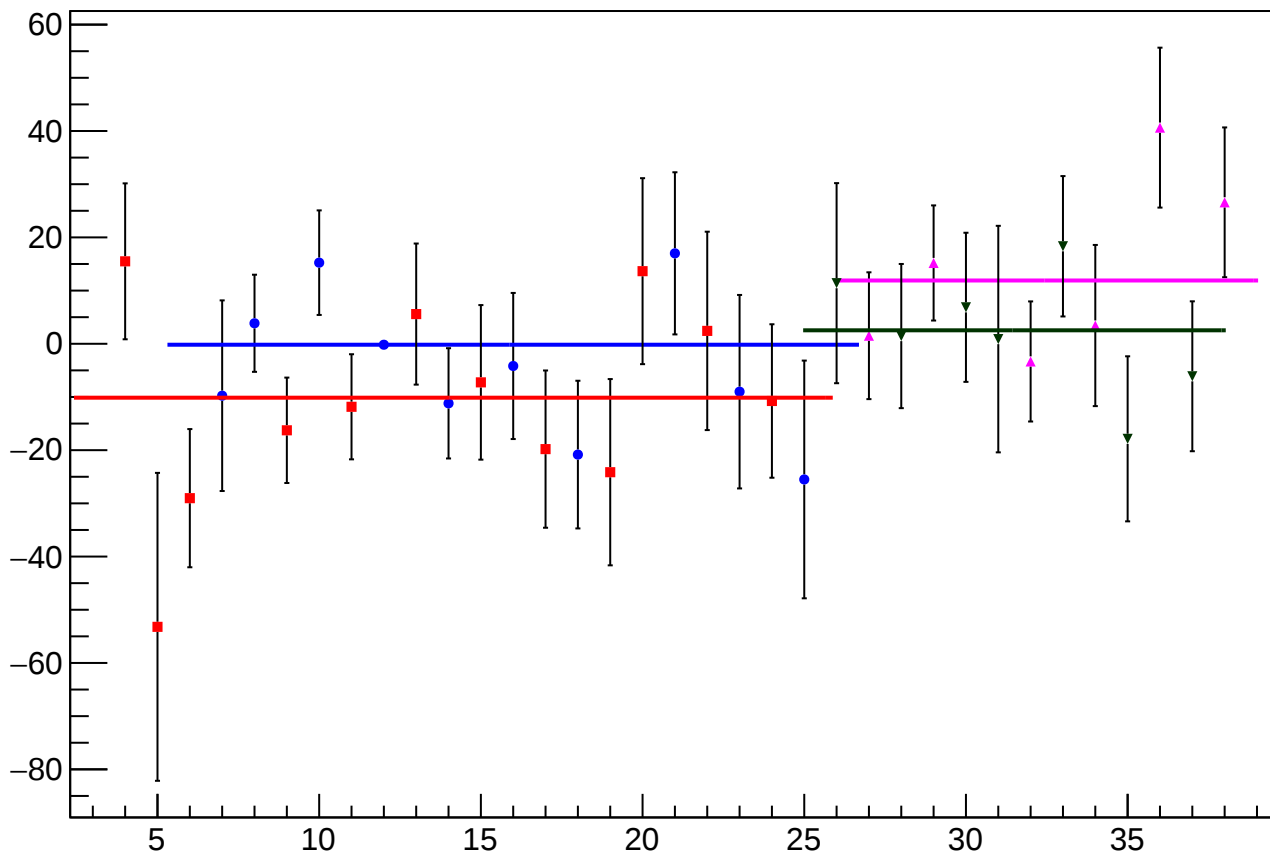
45.027+/-0.037 χ^2 /NDF: 18140693.5/16

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

4196.445+/-1.050 χ^2 /NDF: 4870536.2/17

Left In: 7388.588+/-2.607 χ^2 /NDF:81255.5/5

diff_bpm4ecX_mean vs slug



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

Left Out: 2.533 ± 5.726 χ^2/NDF : 3.9/6

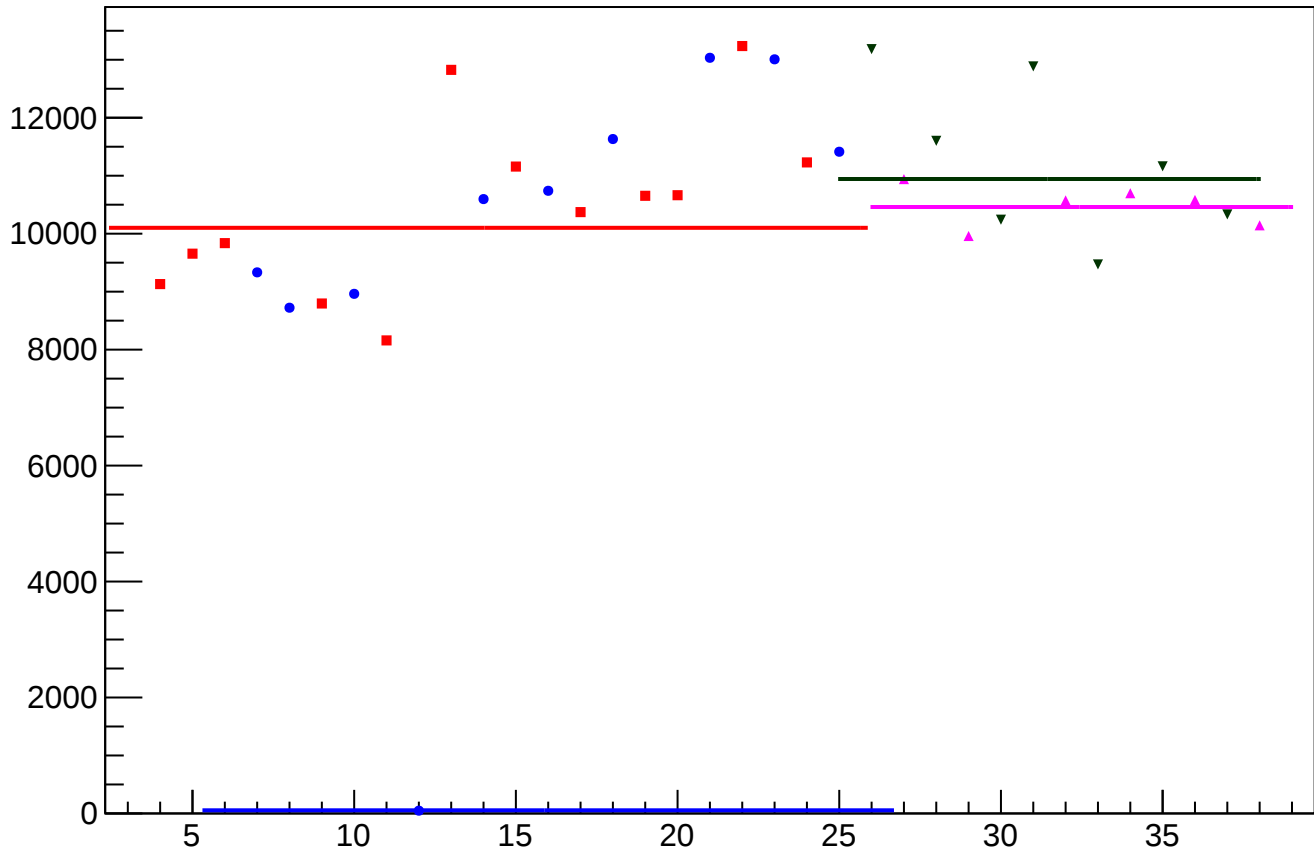
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 11.897 ± 5.181 χ^2/NDF : 7.7/5

-0.177 ± 0.107 χ^2/NDF : 13.3/16

-1.817 ± 3.183 χ^2/NDF : 31.6/17

diff_bpm4ecX_rms vs slug



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

Left Out: 10943.108+/-4.049 χ^2/NDF : 83845.7/6

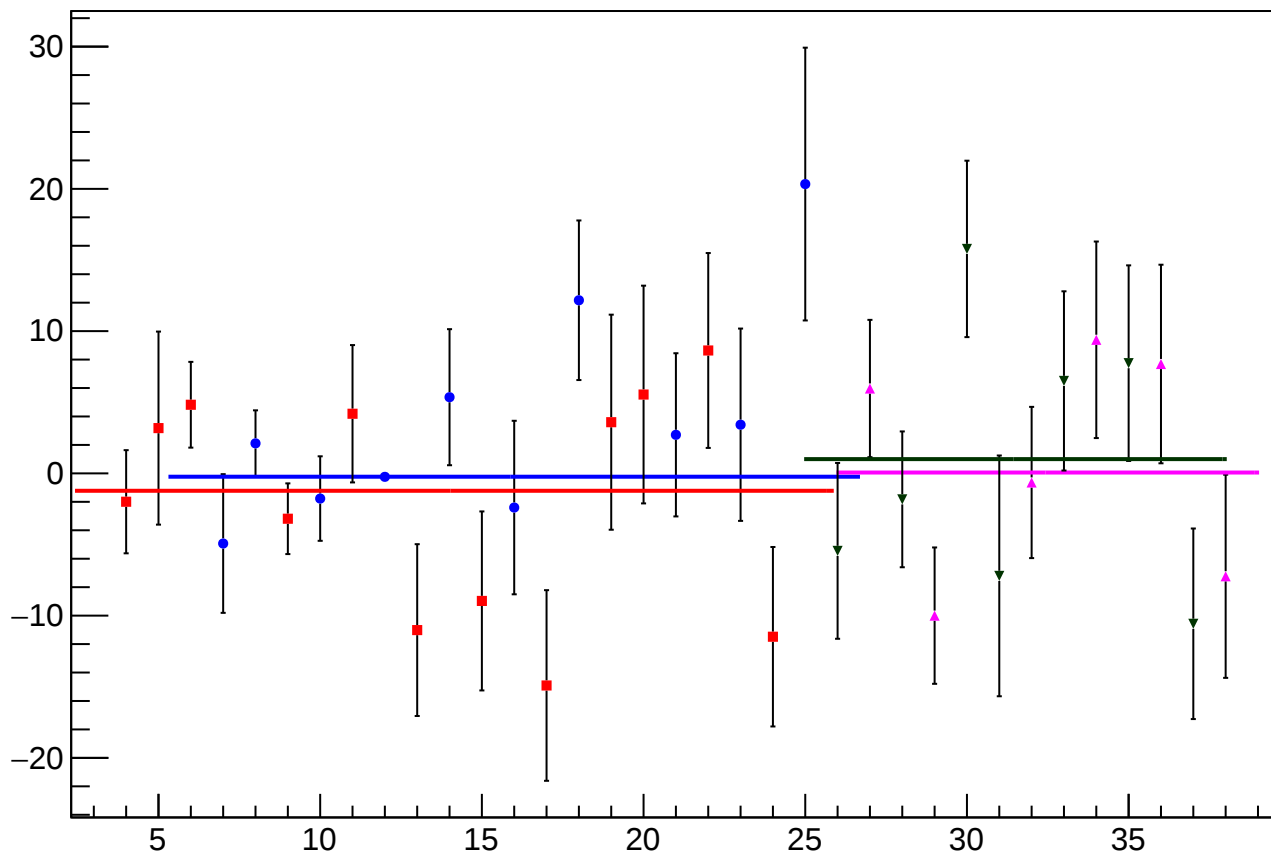
58.125+/-0.075 χ^2/NDF : 18958919.7/16

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

10236.740+/-2.251 χ^2/NDF : 305897.4/17

Left In: 10460.139+/-3.664 χ^2/NDF : 9369.4/5

diff_bpm4ecY_mean vs slug



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

Left Out: 1.003 ± 2.366 χ^2/NDF : 12.8/6

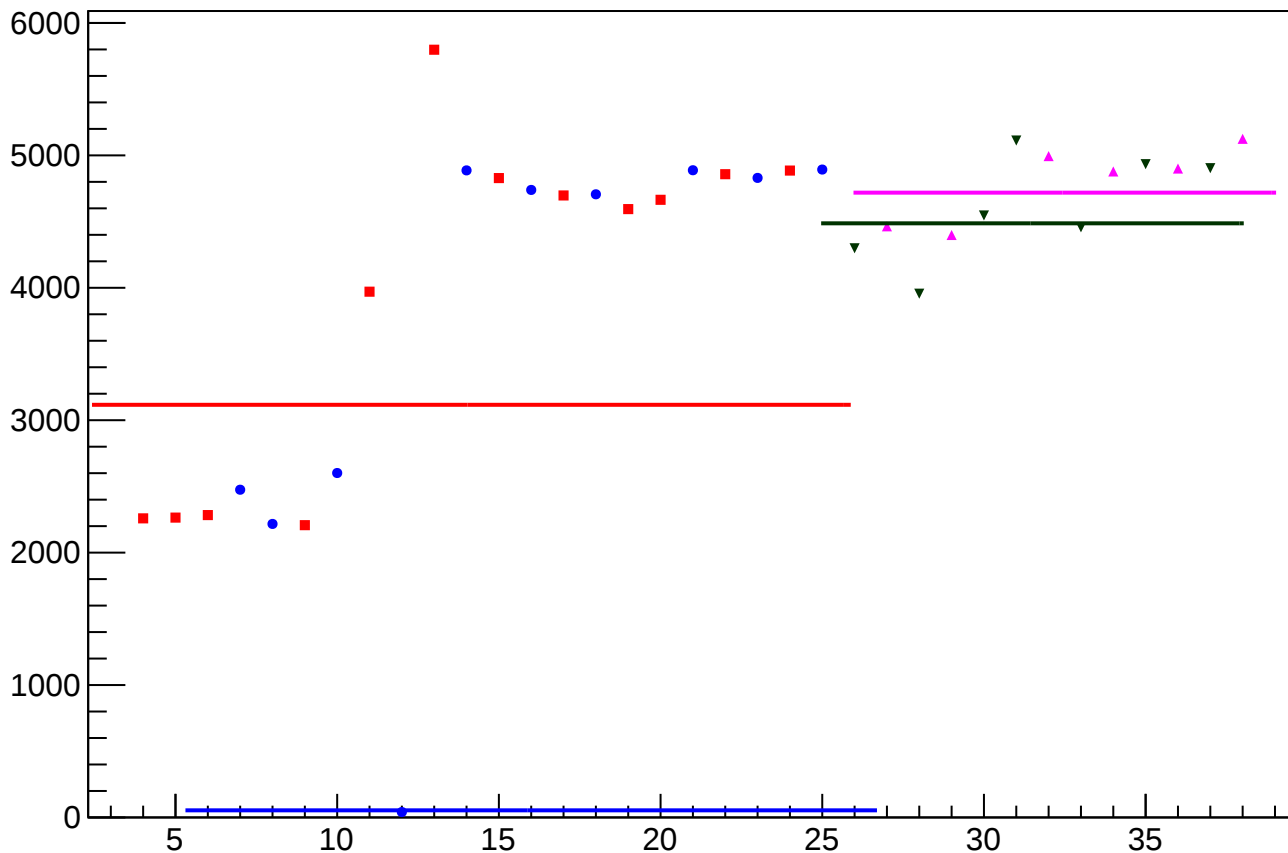
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: 0.060 ± 2.338 χ^2/NDF : 10.0/5

-0.233 ± 0.090 χ^2/NDF : 26.8/16

-0.911 ± 1.154 χ^2/NDF : 30.8/17

diff_bpm4ecY_rms vs slug



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

Left Out: 4486.899+/-1.673 χ^2 /NDF: 53976.2/6

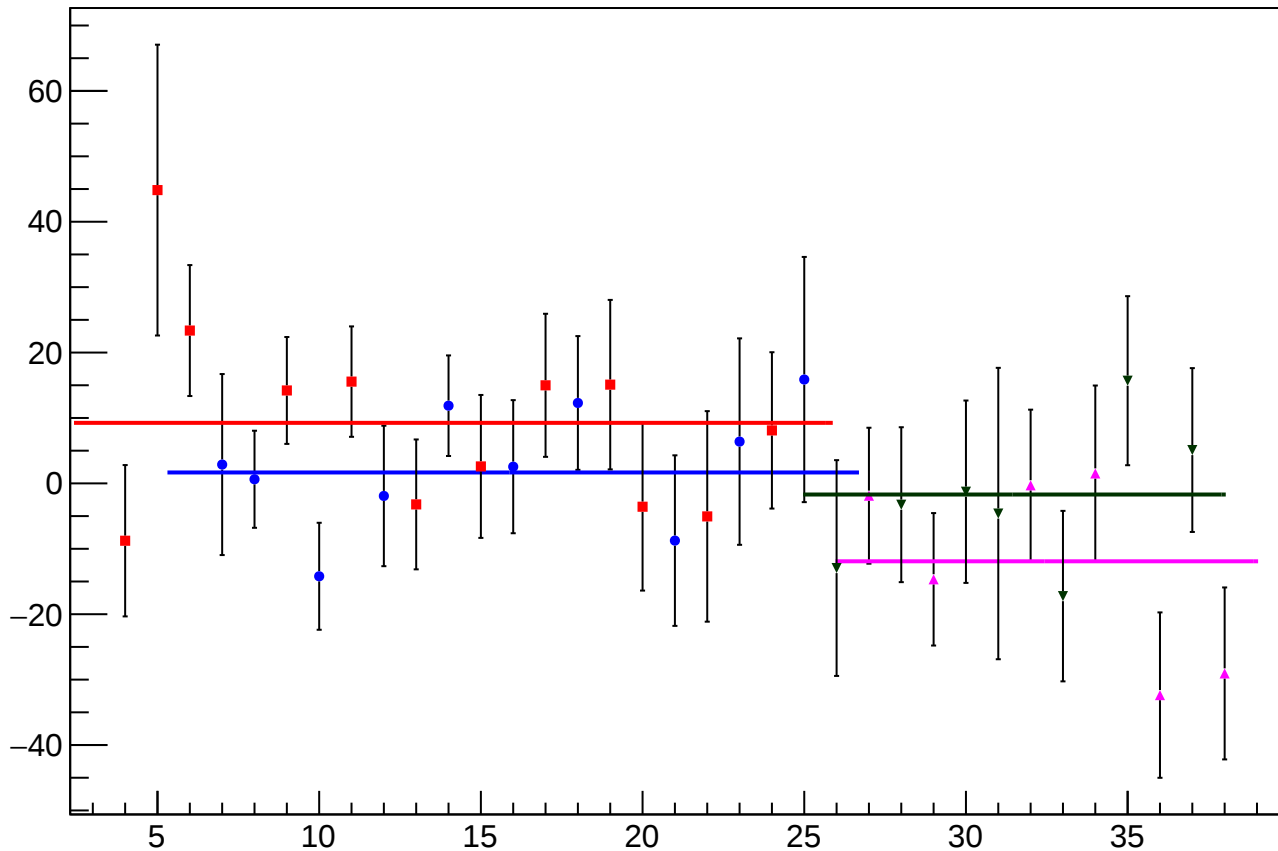
Right Out: 3116.348+/-0.938 χ^2 /NDF: 1724845.4/11

Left In: 4718.525+/-1.653 χ^2 /NDF: 28762.1/5

60.210+/-0.064 χ^2 /NDF: 18336173.6/16

3506.390+/-0.816 χ^2 /NDF: 2464232.8/17

diff_bpm1X_mean vs slug



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

Left Out: -1.701 ± 5.254 $\chi^2/\text{NDF}: 4.0/6$

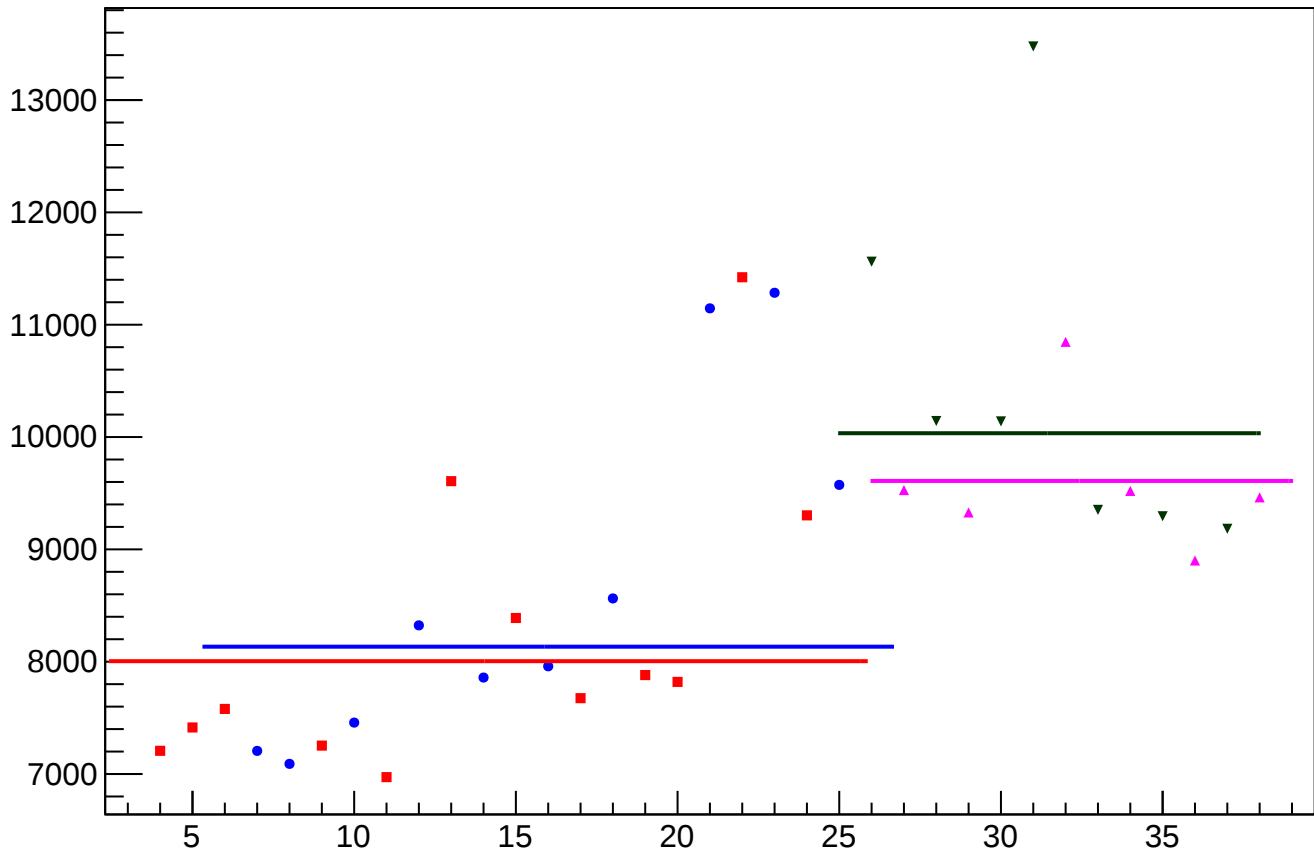
Right Out: 9.254 ± 3.190 $\chi^2/\text{NDF}: 12.1/11$

Left In: -11.912 ± 4.763 $\chi^2/\text{NDF}: 7.3/5$

0.745 ± 2.751 $\chi^2/\text{NDF}: 12.4/16$

2.701 ± 2.650 $\chi^2/\text{NDF}: 33.1/17$

diff_bpm1X_rms vs slug



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

Left Out: 10034.038+/-3.715 χ^2/NDF :86481.1/6

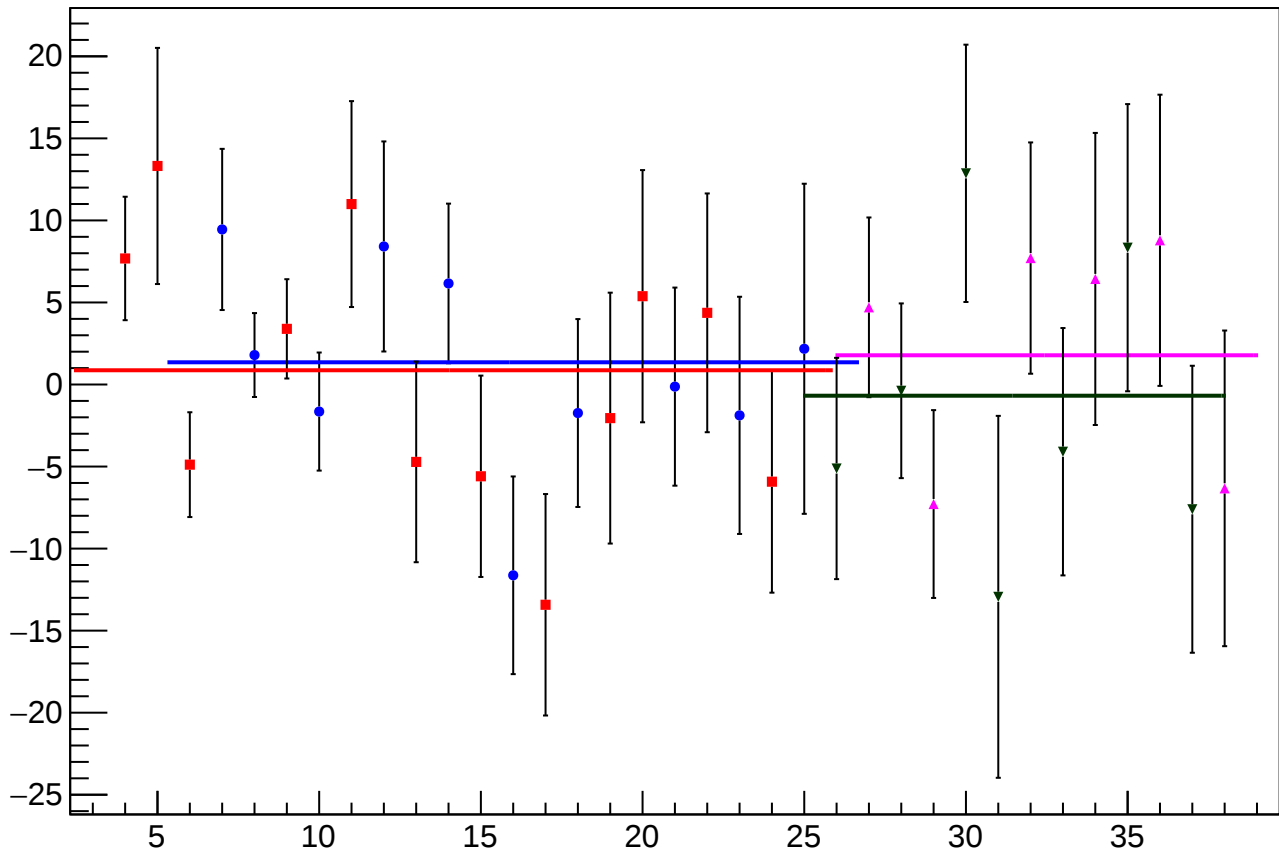
8654.652+/-1.945 χ^2/NDF : 544150.7/16

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

8501.366+/-1.874 χ^2/NDF : 420084.0/17

Left In: 9609.213+/-3.368 χ^2/NDF :31197.9/5

diff_bpm1Y_mean vs slug



Right In: 1.354 $\pm$ 1.486 χ^2 /NDF: 10.8/9

Left Out: -0.683 $\pm$ 2.823 χ^2 /NDF: 6.6/6

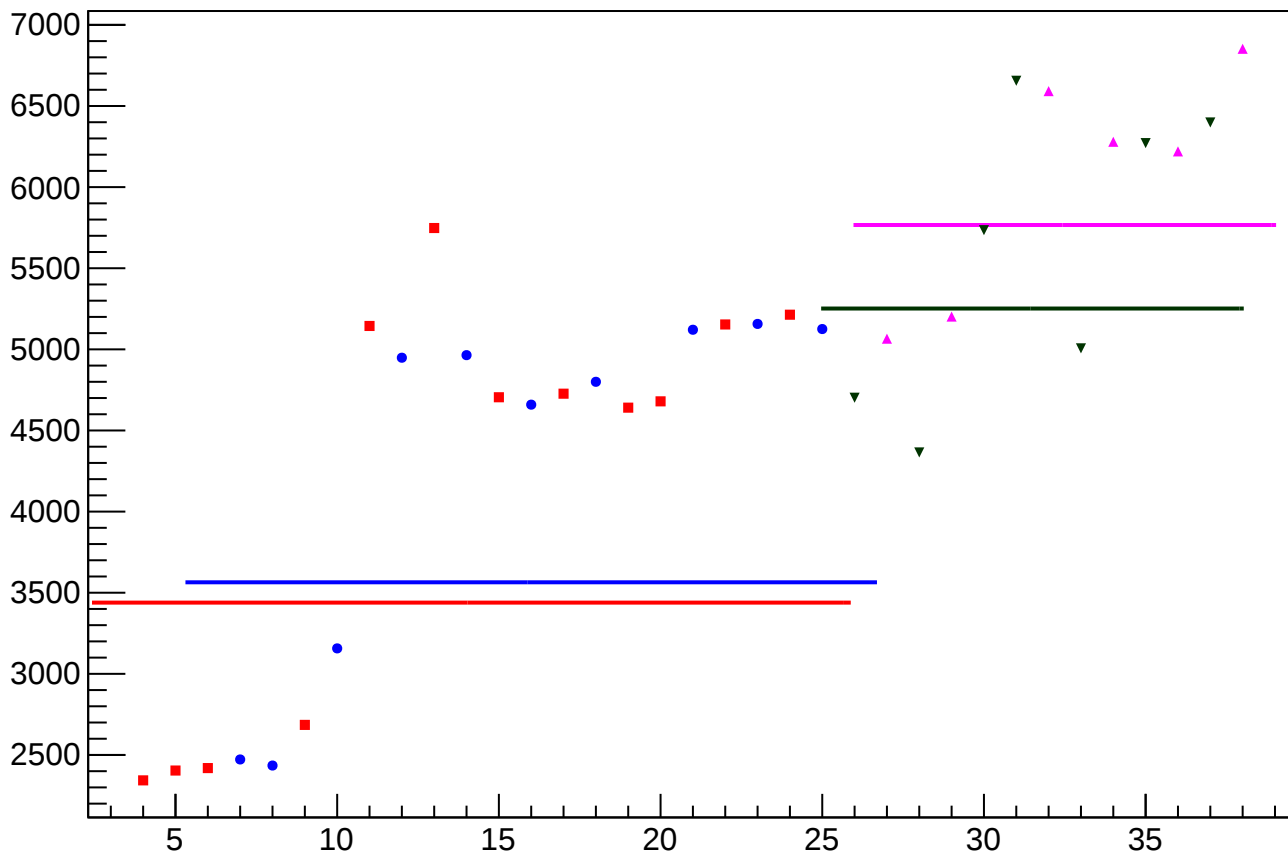
Right Out: 0.868 $\pm$ 1.454 χ^2 /NDF: 21.0/11

Left In: 1.781 $\pm$ 2.885 χ^2 /NDF: 5.1/5

0.912 $\pm$ 1.315 χ^2 /NDF: 17.8/16

1.053 $\pm$ 1.299 χ^2 /NDF: 26.2/17

diff_bpm1Y_rms vs slug



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

Left Out: 5251.656+/-1.996 χ^2/NDF :172483.4/6

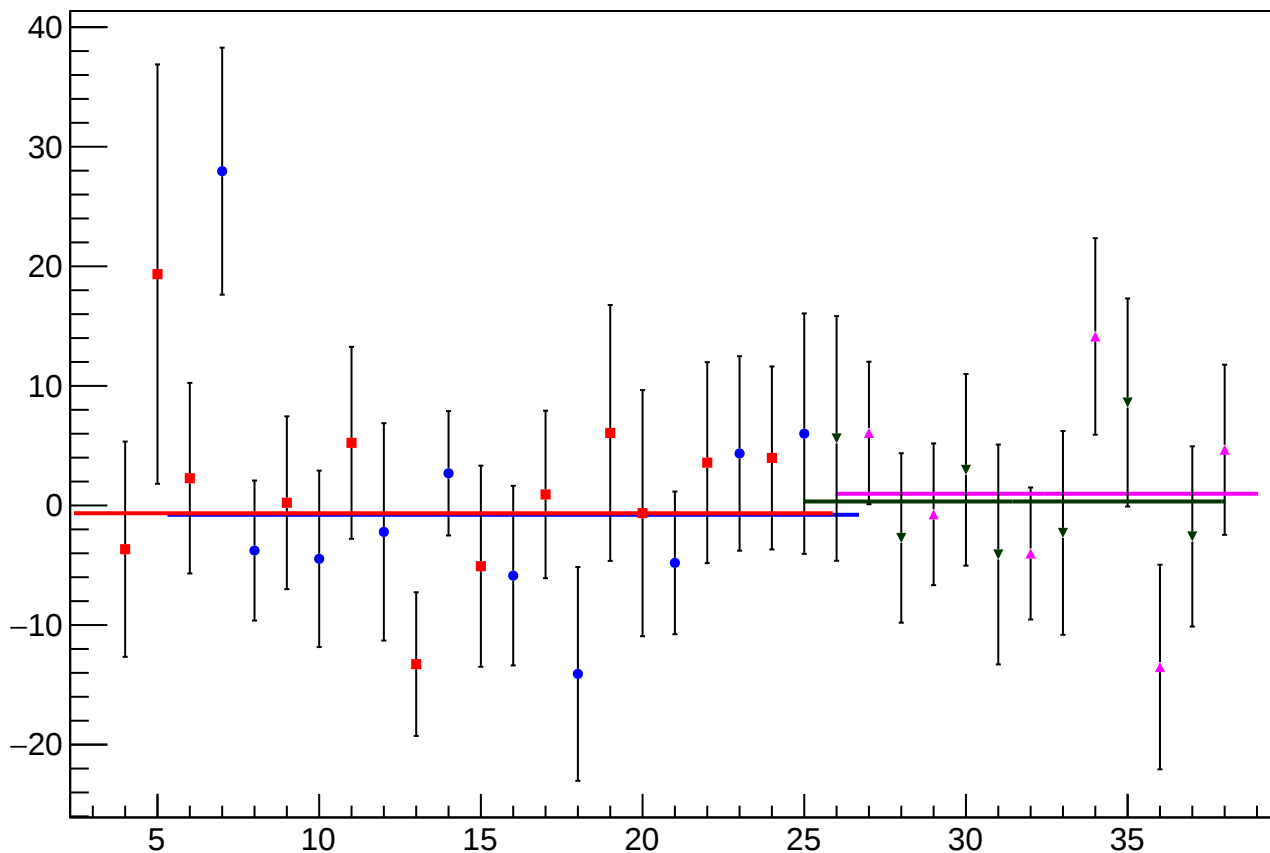
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

Left In: 5766.490+/-2.040 χ^2/NDF :116986.5/5

3930.415+/-0.930 χ^2/NDF : 1943544.0/16

3910.667+/-0.918 χ^2/NDF : 2635232.7/17

diff_bpm11X_mean vs slug



Right In: -0.778 ± 2.298 $\chi^2/\text{NDF}: 12.7/9$

Left Out: 0.334 ± 3.139 $\chi^2/\text{NDF}: 1.9/6$

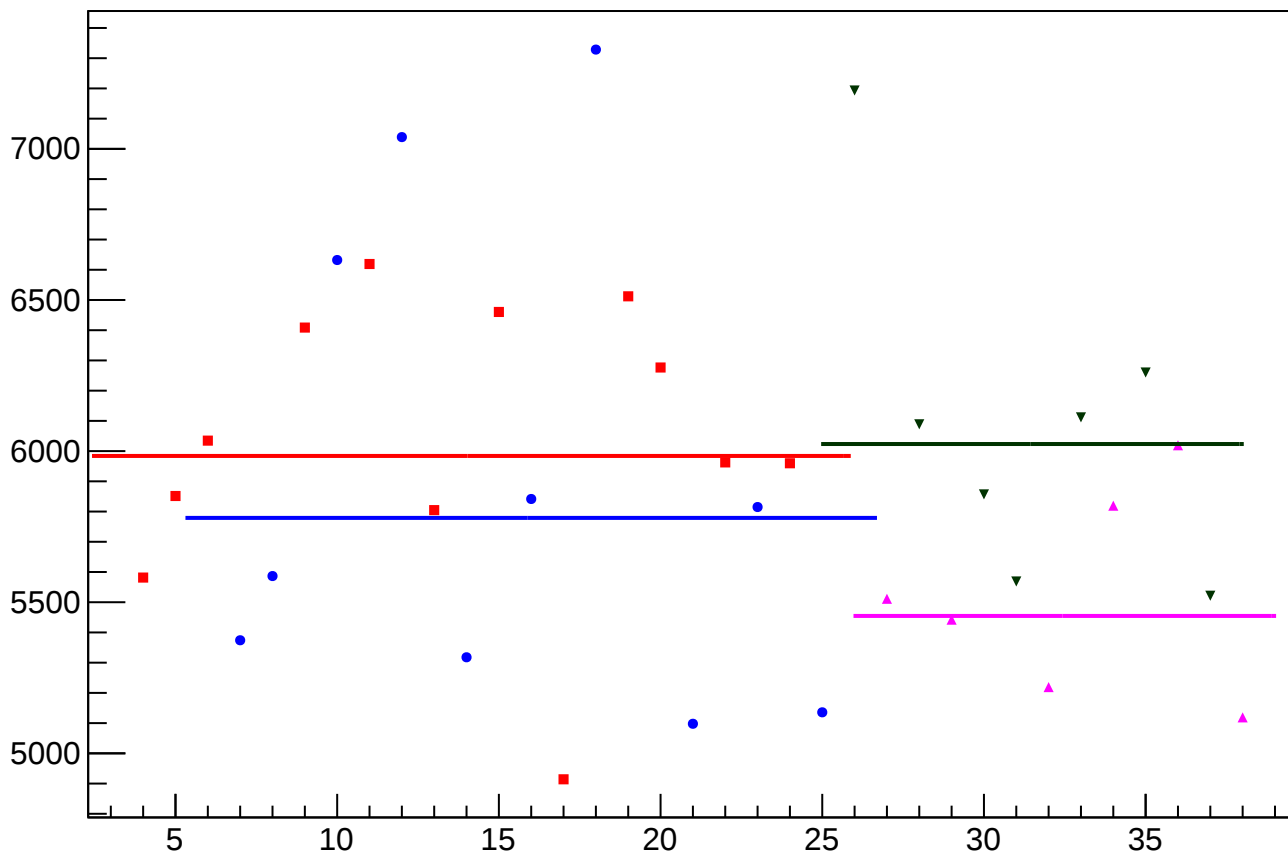
Right Out: -0.650 ± 2.373 $\chi^2/\text{NDF}: 7.8/11$

Left In: 0.979 ± 2.695 $\chi^2/\text{NDF}: 7.3/5$

-0.390 ± 1.854 $\chi^2/\text{NDF}: 14.7/16$

0.061 ± 1.781 $\chi^2/\text{NDF}: 15.4/17$

diff_bpm11X_rms vs slug



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

Left Out: 6023.454+/-2.220 χ^2/NDF : 42642.0/6

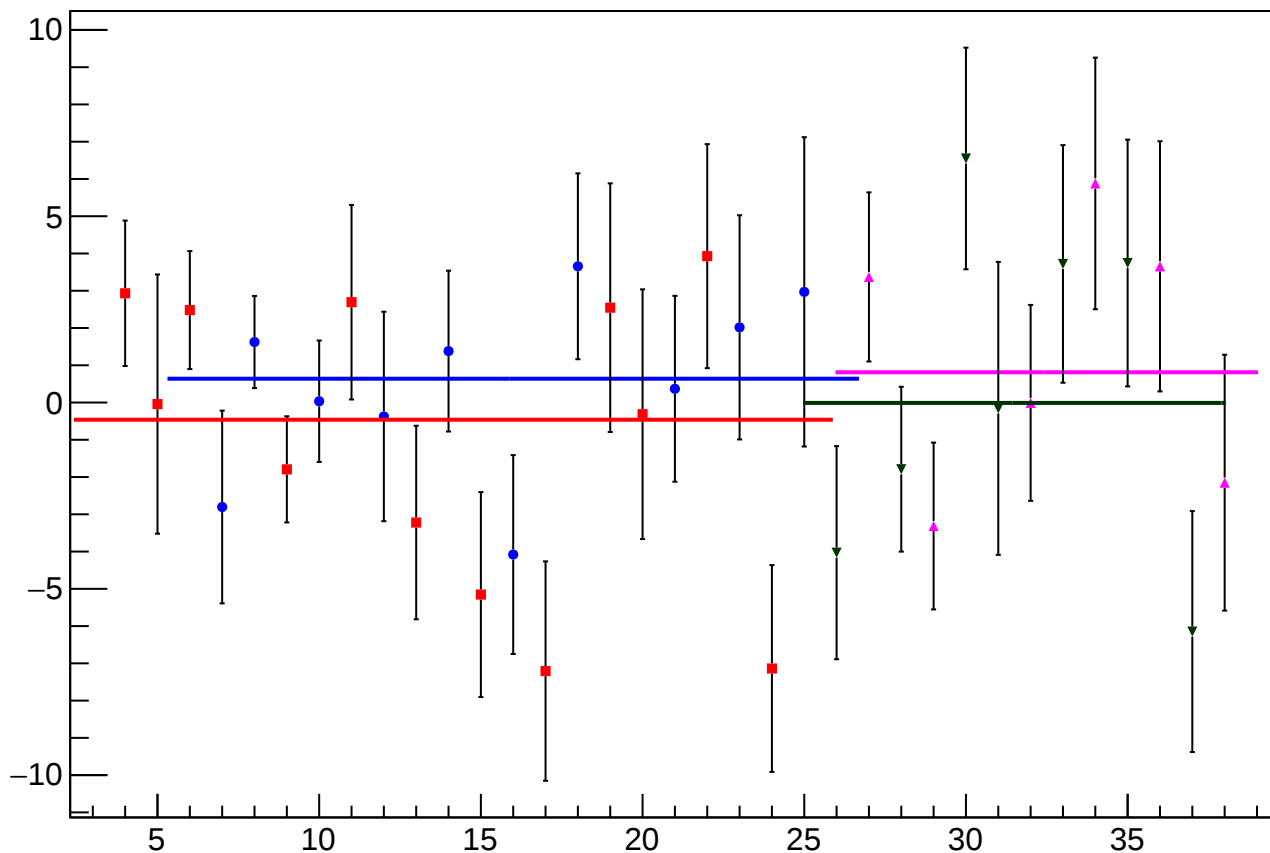
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5454.655+/-1.906 χ^2/NDF : 20929.8/5

5864.314+/-1.311 χ^2/NDF : 231213.4/16

5752.891+/-1.259 χ^2/NDF : 149402.4/17

diff_bpm11Y_mean vs slug



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

Left Out: -0.010 ± 1.125 χ^2/NDF : 13.7/6

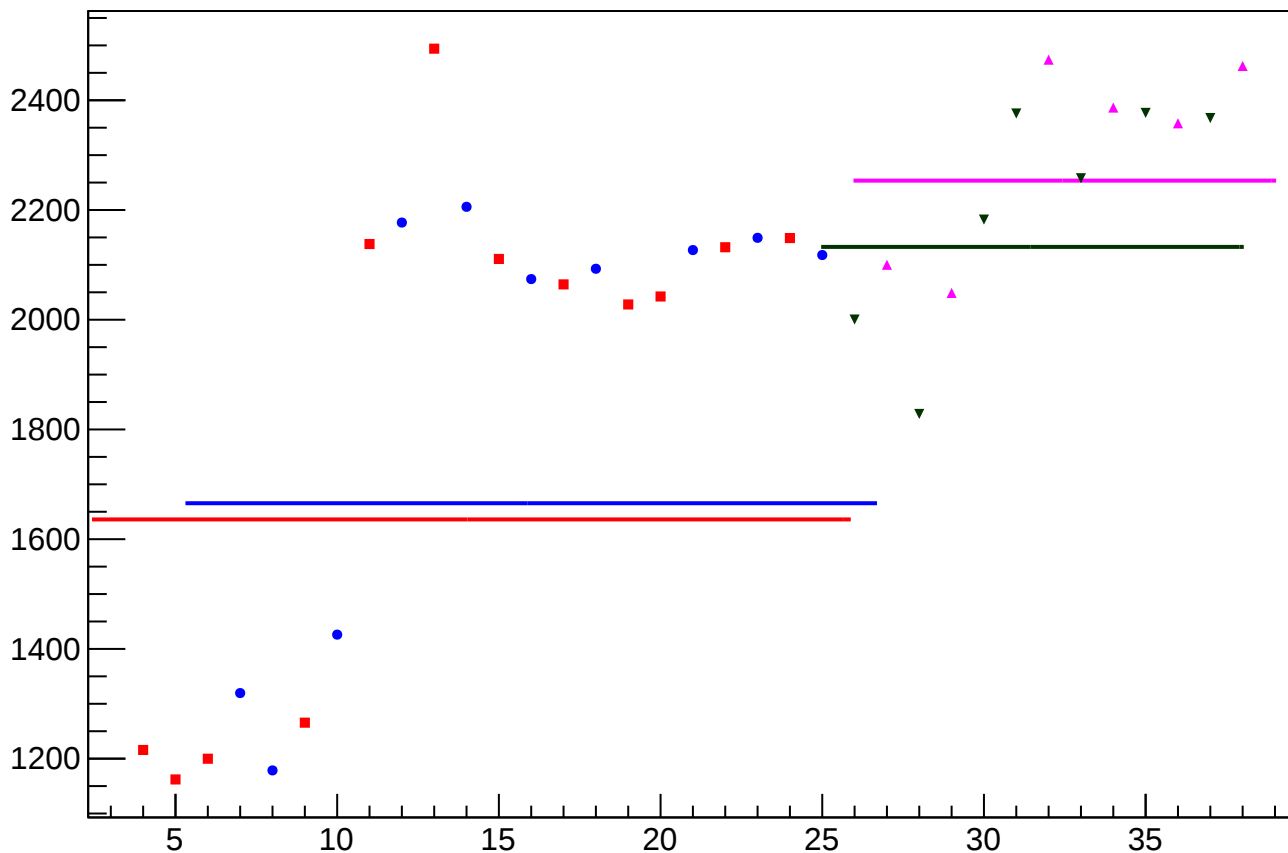
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: 0.812 ± 1.118 χ^2/NDF : 8.5/5

0.465 ± 0.583 χ^2/NDF : 21.9/16

-0.122 ± 0.578 χ^2/NDF : 36.3/17

diff_bpm11Y_rms vs slug



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

Left Out: 2132.745+/-0.796 χ^2/NDF : 74912.9/6

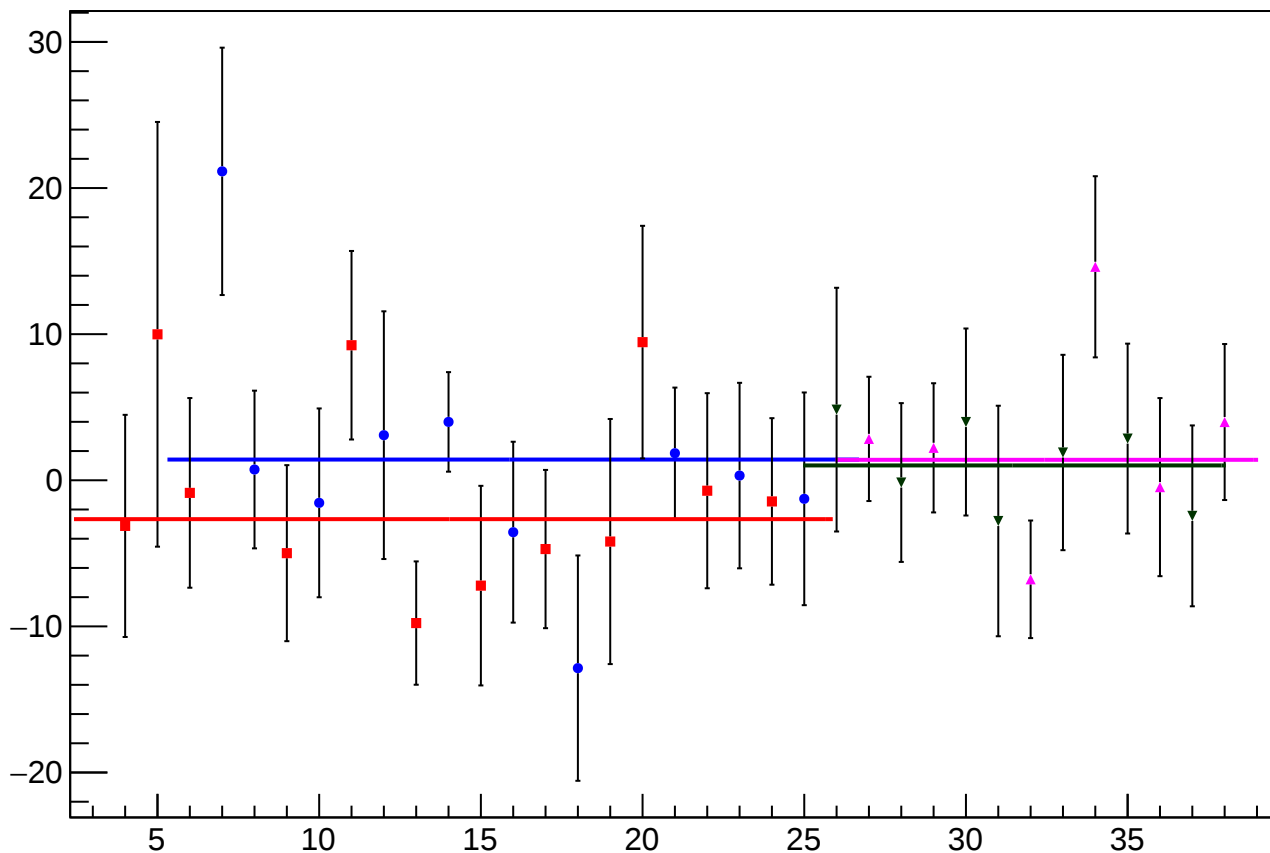
1790.955+/-0.412 χ^2/NDF : 1157478.6/16

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

1800.695+/-0.408 χ^2/NDF : 1490110.9/17

Left In: 2253.527+/-0.791 χ^2/NDF : 52352.9/5

diff_bpm12X_mean vs slug



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

Left Out: 1.016 ± 2.493 χ^2/NDF : 1.1/6

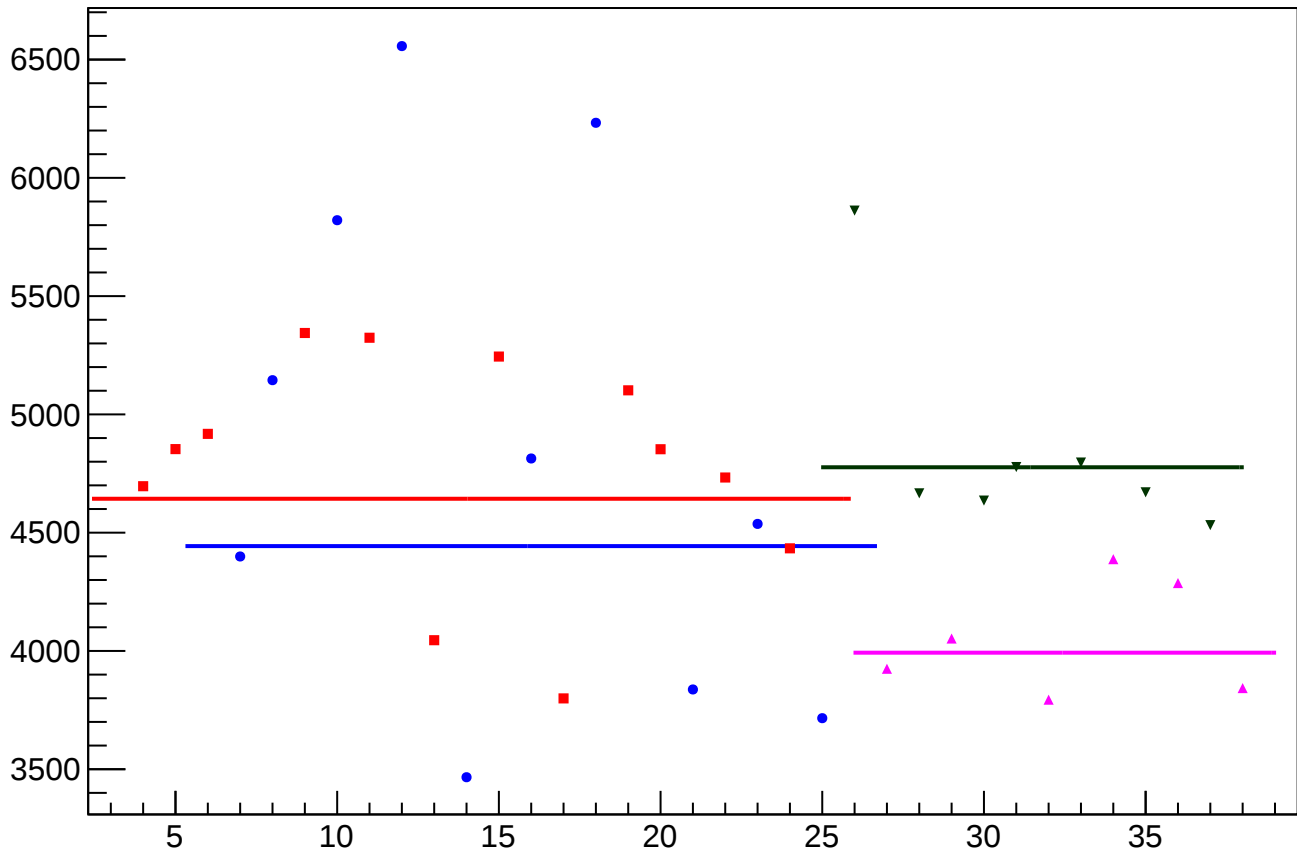
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 1.401 ± 1.975 χ^2/NDF : 9.1/5

1.280 ± 1.460 χ^2/NDF : 11.6/16

-0.763 ± 1.350 χ^2/NDF : 21.7/17

diff_bpm12X_rms vs slug



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

Left Out: 4776.478+/-1.763 χ^2/NDF :39316.6/6

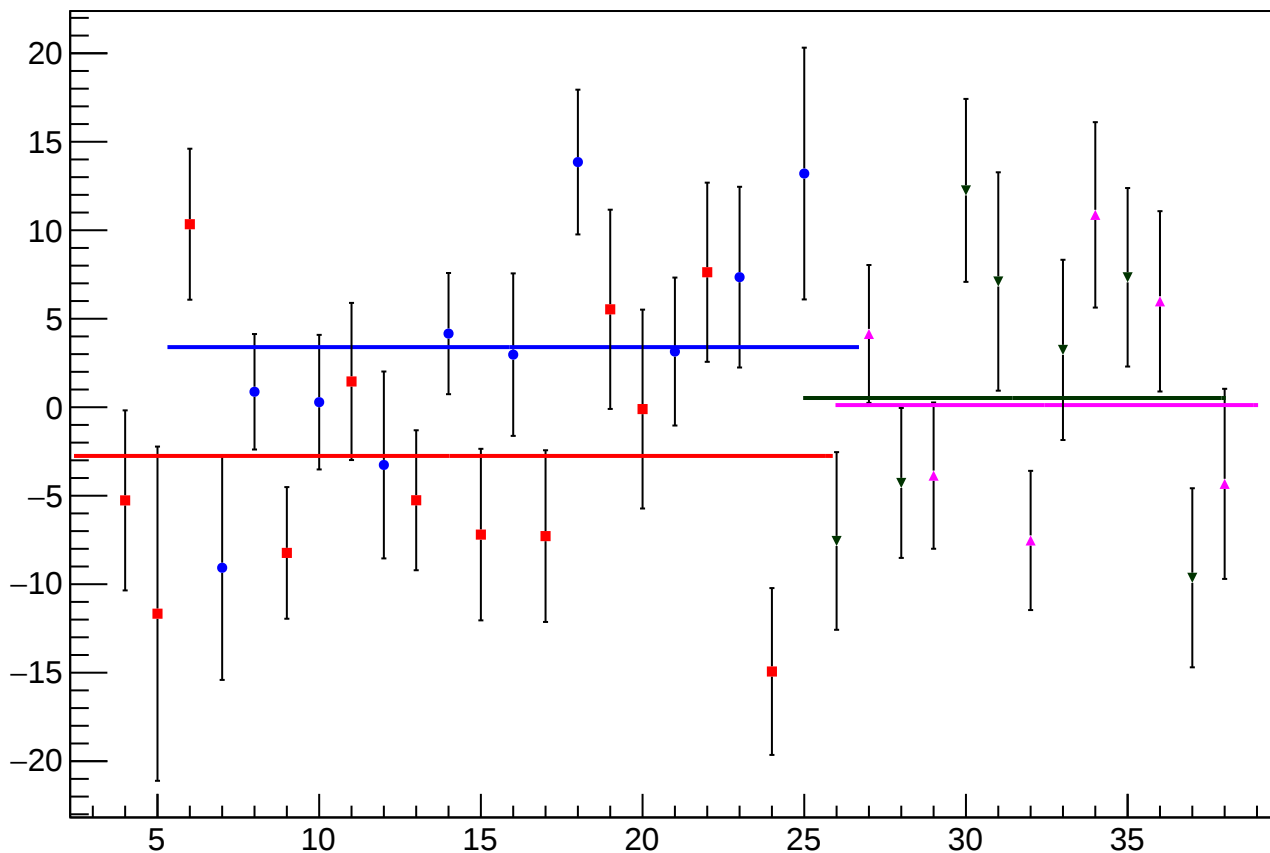
4557.448+/-1.032 χ^2/NDF : 648172.9/16

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

4339.358+/-0.955 χ^2/NDF : 303805.8/17

Left In: 3992.649+/-1.397 χ^2/NDF :20119.7/5

diff_bpm12Y_mean vs slug



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

Left Out: 0.521 ± 1.903 χ^2/NDF : 16.3/6

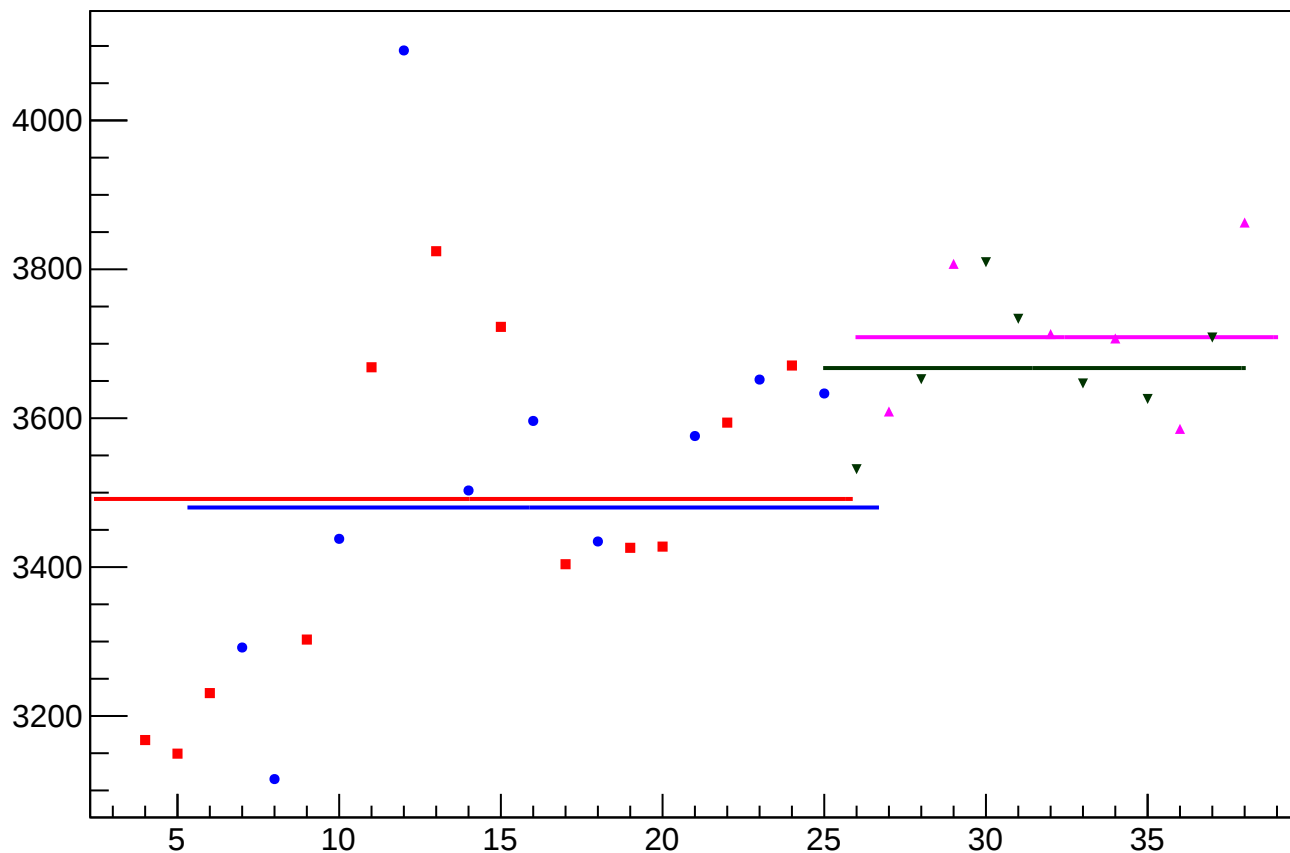
Right Out: -2.752 ± 1.381 χ^2/NDF : 29.0/11

Left In: 0.122 ± 1.830 χ^2/NDF : 12.0/5

2.414 ± 1.113 χ^2/NDF : 33.6/16

-1.709 ± 1.102 χ^2/NDF : 42.6/17

diff_bpm12Y_rms vs slug



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

Left Out: 3667.365+/-1.346 χ^2/NDF : 3533.7/6

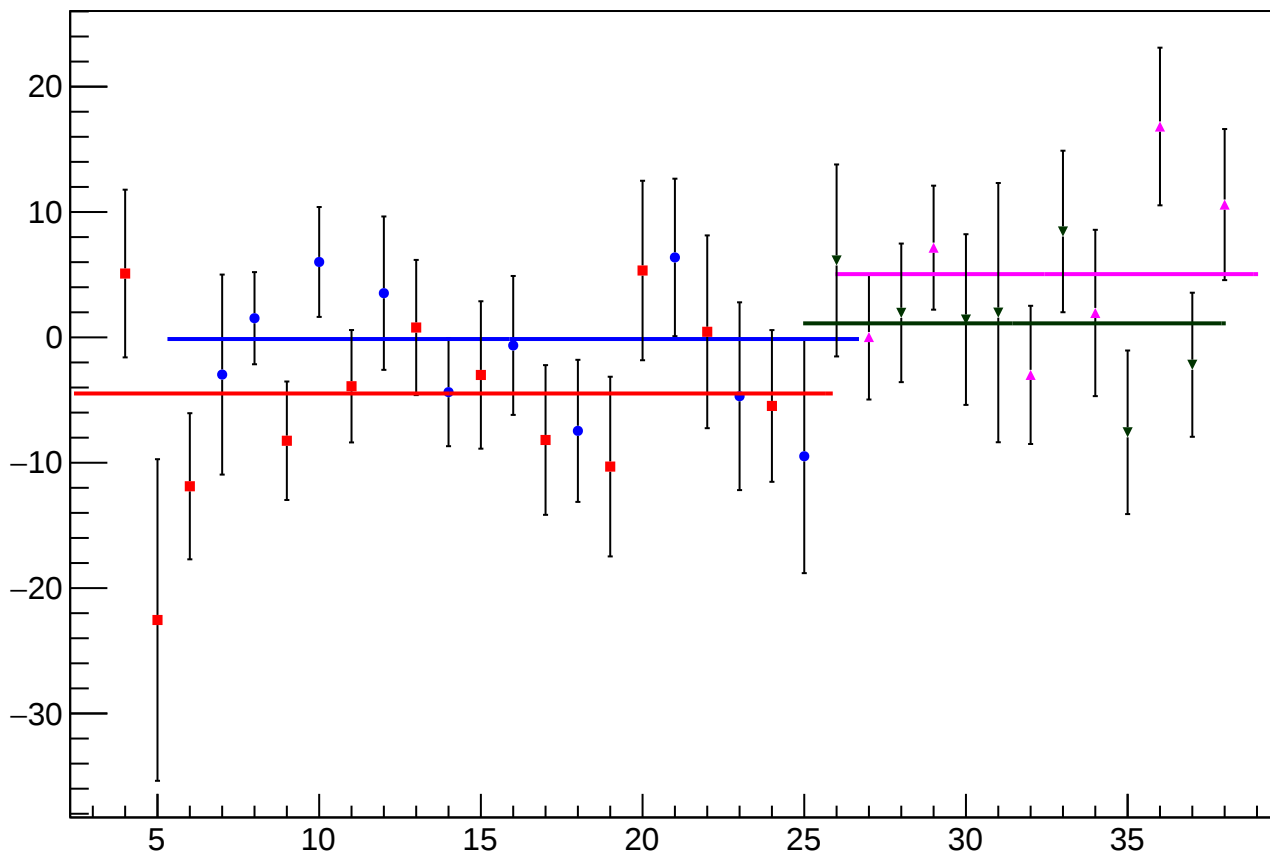
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

Left In: 3708.833+/-1.294 χ^2/NDF : 5265.0/5

3544.073+/-0.787 χ^2/NDF : 76200.6/16

3570.430+/-0.780 χ^2/NDF : 73379.2/17

diff_bpm16X_mean vs slug



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

Left Out: 1.119 ± 2.511 χ^2/NDF : 3.9/6

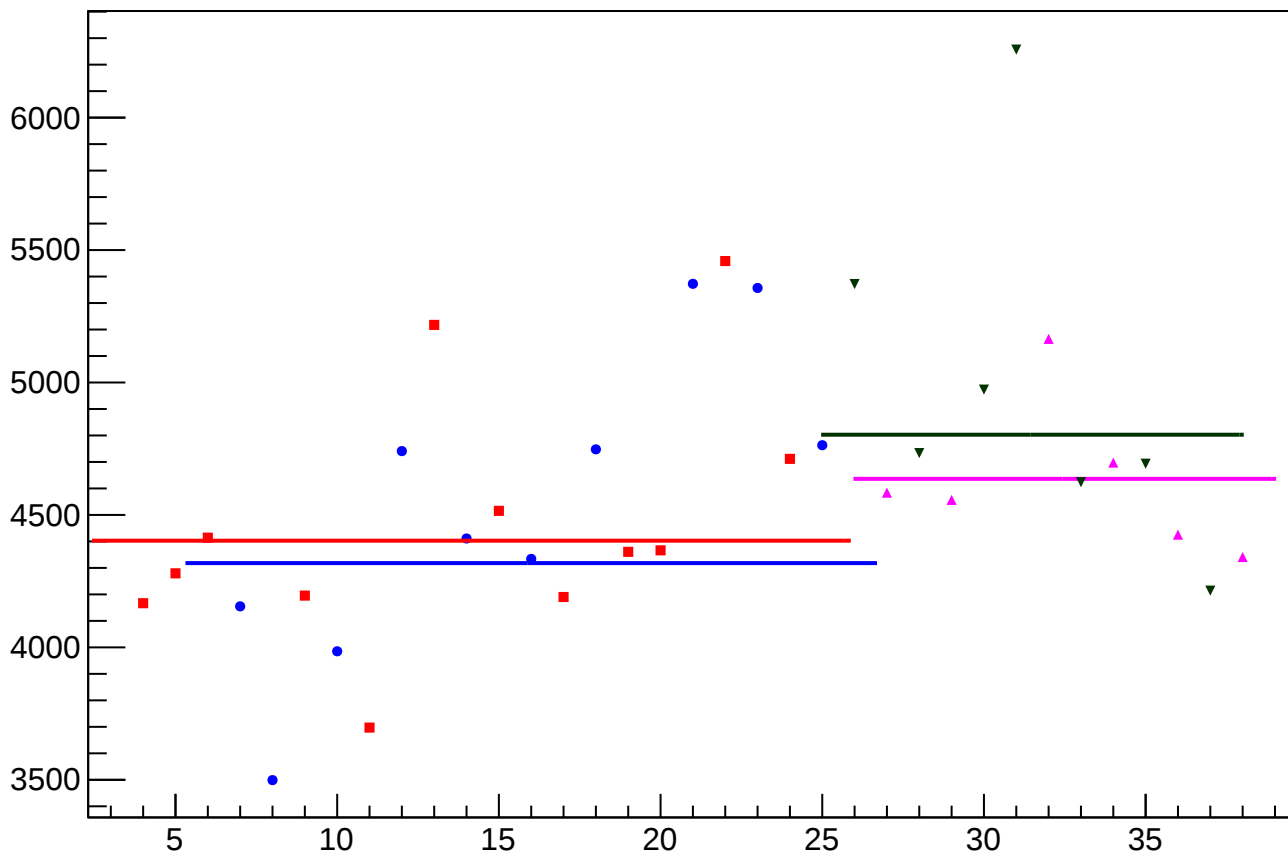
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 5.046 ± 2.297 χ^2/NDF : 7.9/5

0.266 ± 1.415 χ^2/NDF : 11.8/16

-0.981 ± 1.391 χ^2/NDF : 29.4/17

diff_bpm16X_rms vs slug



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

Left Out: 4802.850+/-1.776 χ^2/NDF : 75255.0/6

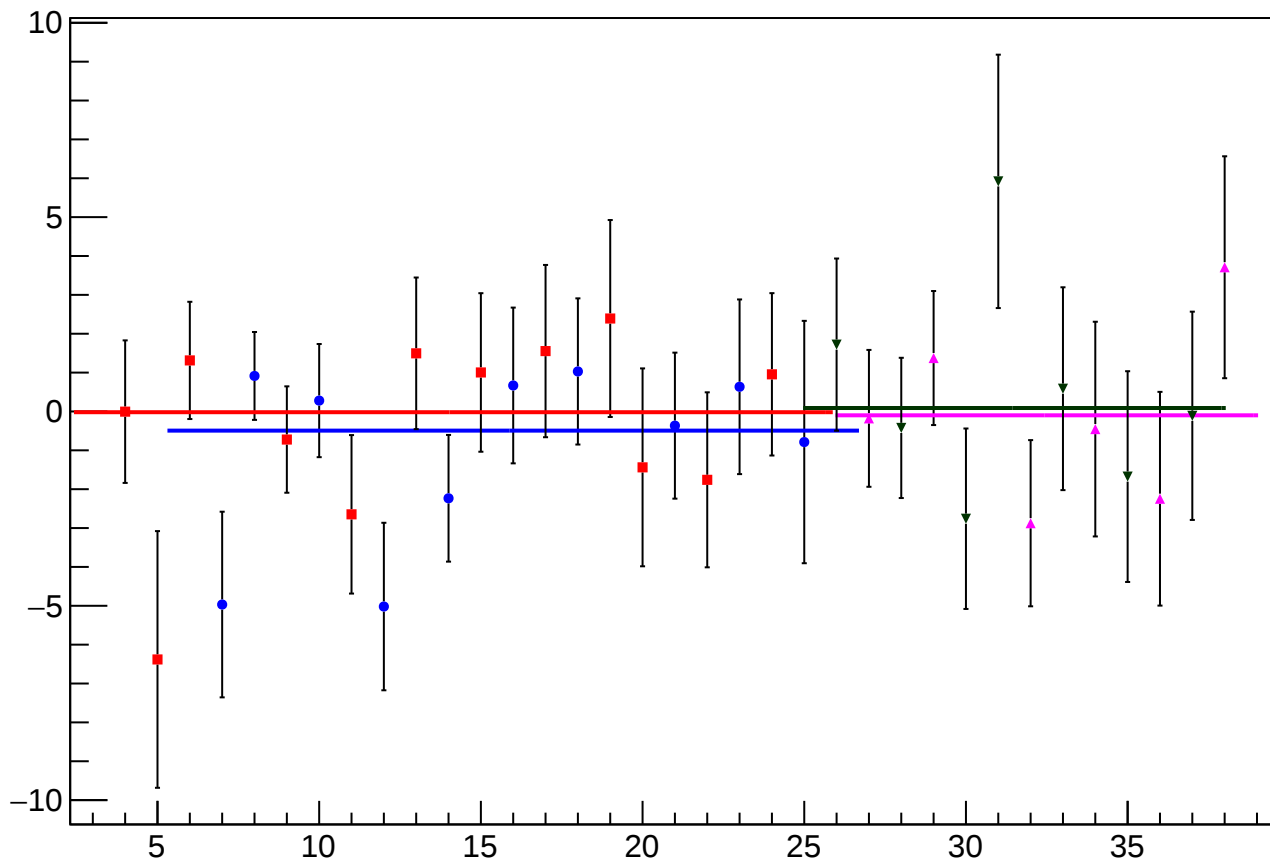
Right Out: 4402.778+/-1.237 χ^2/NDF : 148052.0/11

Left In: 4636.216+/-1.624 χ^2/NDF : 26327.9/5

4472.142+/-1.001 χ^2/NDF : 359223.3/16

4488.448+/-0.984 χ^2/NDF : 187458.7/17

diff_bpm16Y_mean vs slug



Right In: -0.493 ± 0.565 χ^2/NDF : 12.1/9

Left Out: 0.089 ± 0.908 χ^2/NDF : 5.8/6

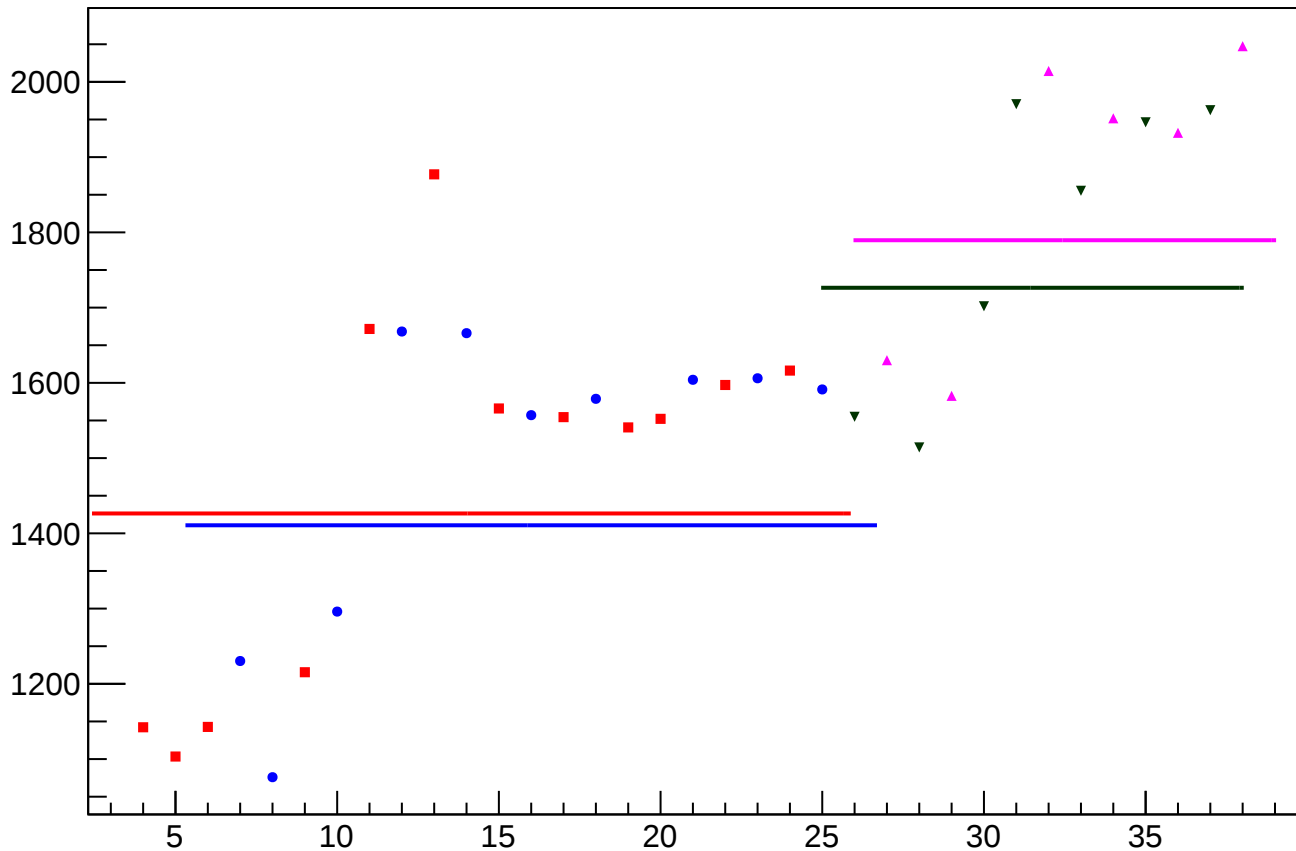
Right Out: -0.019 ± 0.573 χ^2/NDF : 9.8/11

Left In: -0.099 ± 0.890 χ^2/NDF : 4.8/5

-0.331 ± 0.479 χ^2/NDF : 18.2/16

-0.043 ± 0.482 χ^2/NDF : 14.6/17

diff_bpm16Y_rms vs slug



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

Left Out: 1726.366+/-0.642 χ^2/NDF :84617.2/6

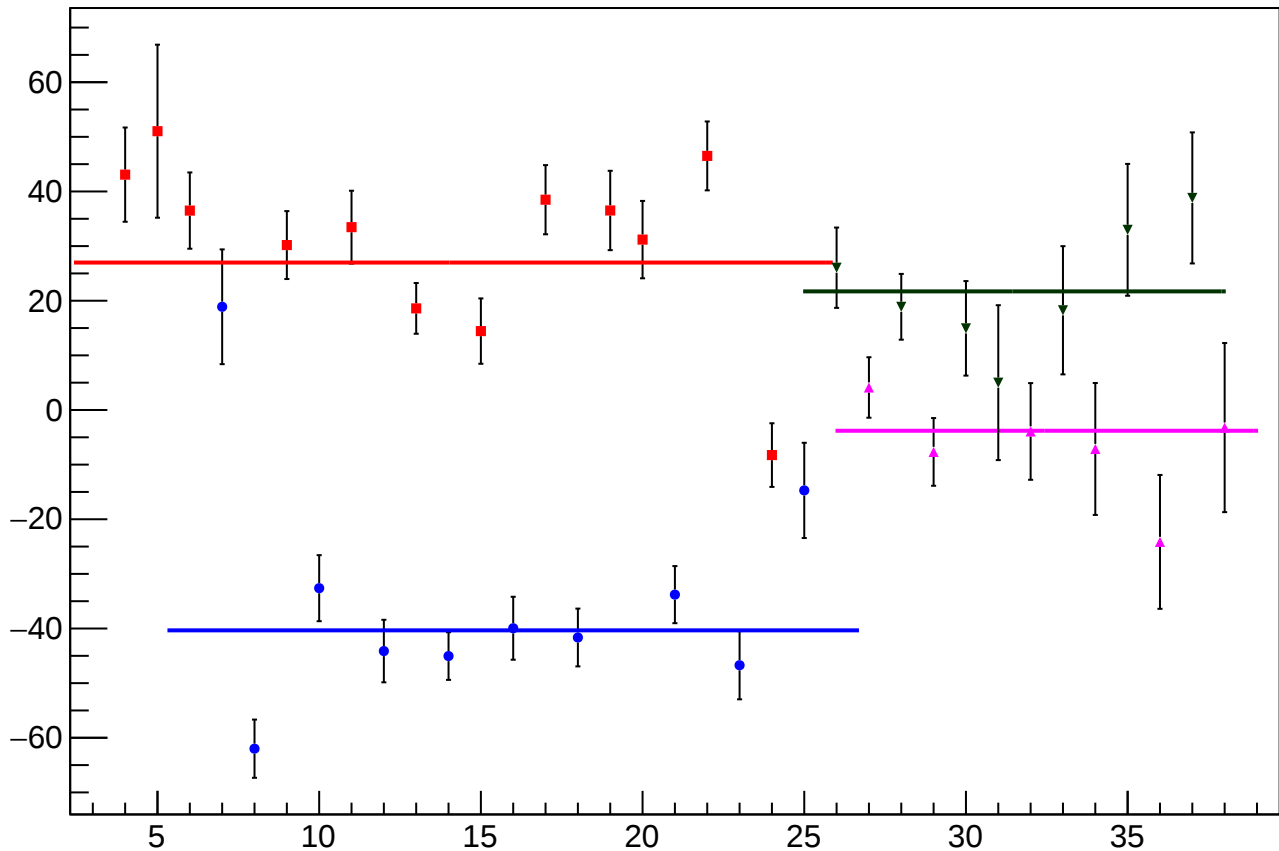
1498.715+/-0.339 χ^2/NDF : 605365.5/16

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

1532.880+/-0.341 χ^2/NDF : 705621.9/17

Left In: 1789.545+/-0.629 χ^2/NDF :95892.4/5

diff_bpm0l01X_mean vs slug



Right In: -40.337 ± 1.838 $\chi^2/\text{NDF}: 62.9/9$

Left Out: 21.711 ± 3.420 $\chi^2/\text{NDF}: 5.6/6$

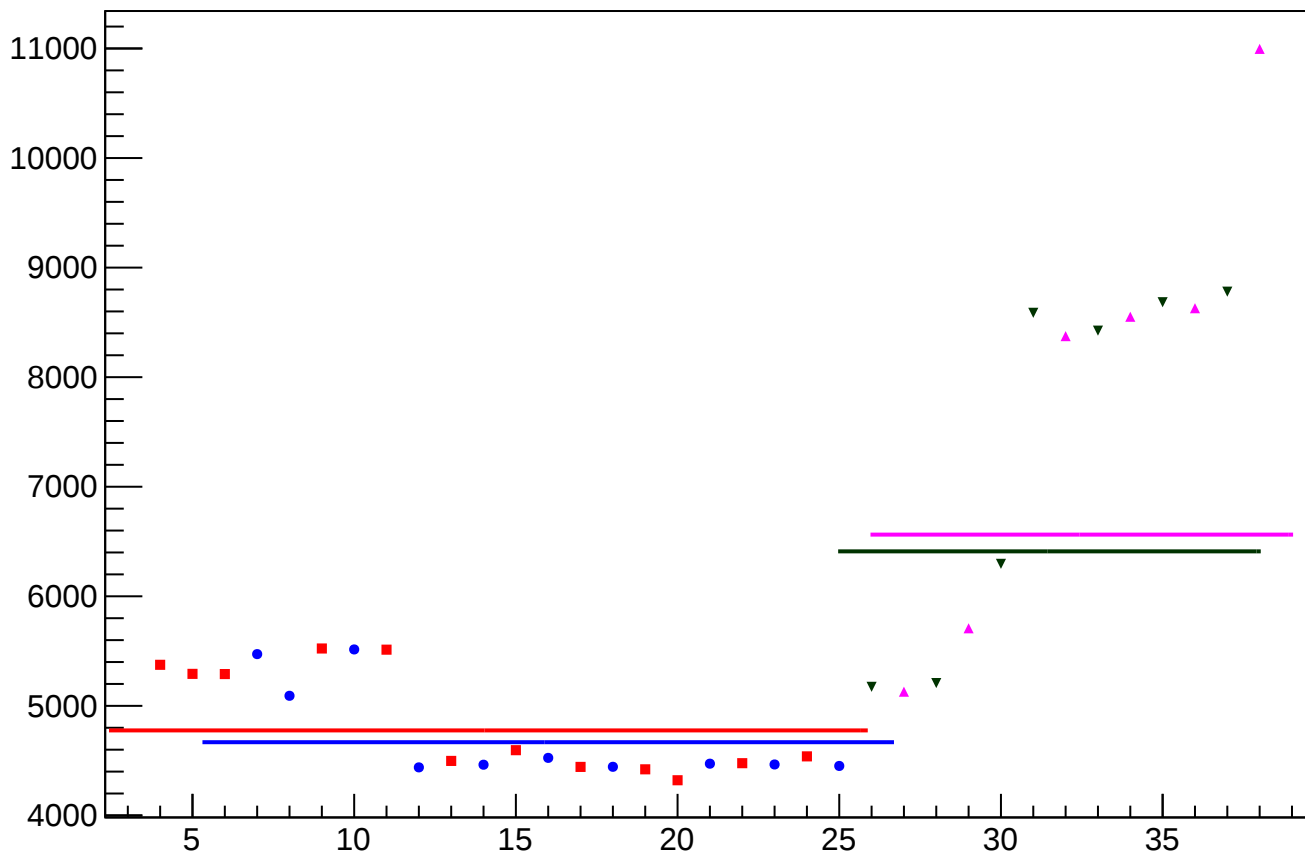
Right Out: 26.988 ± 1.893 $\chi^2/\text{NDF}: 68.1/11$

Left In: -3.800 ± 3.349 $\chi^2/\text{NDF}: 5.3/5$

-26.433 ± 1.619 $\chi^2/\text{NDF}: 323.8/16$

19.535 ± 1.648 $\chi^2/\text{NDF}: 137.4/17$

diff_bpm0l01X_rms vs slug



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

Left Out: 6410.140+/-2.418 χ^2/NDF : 391860.2/6

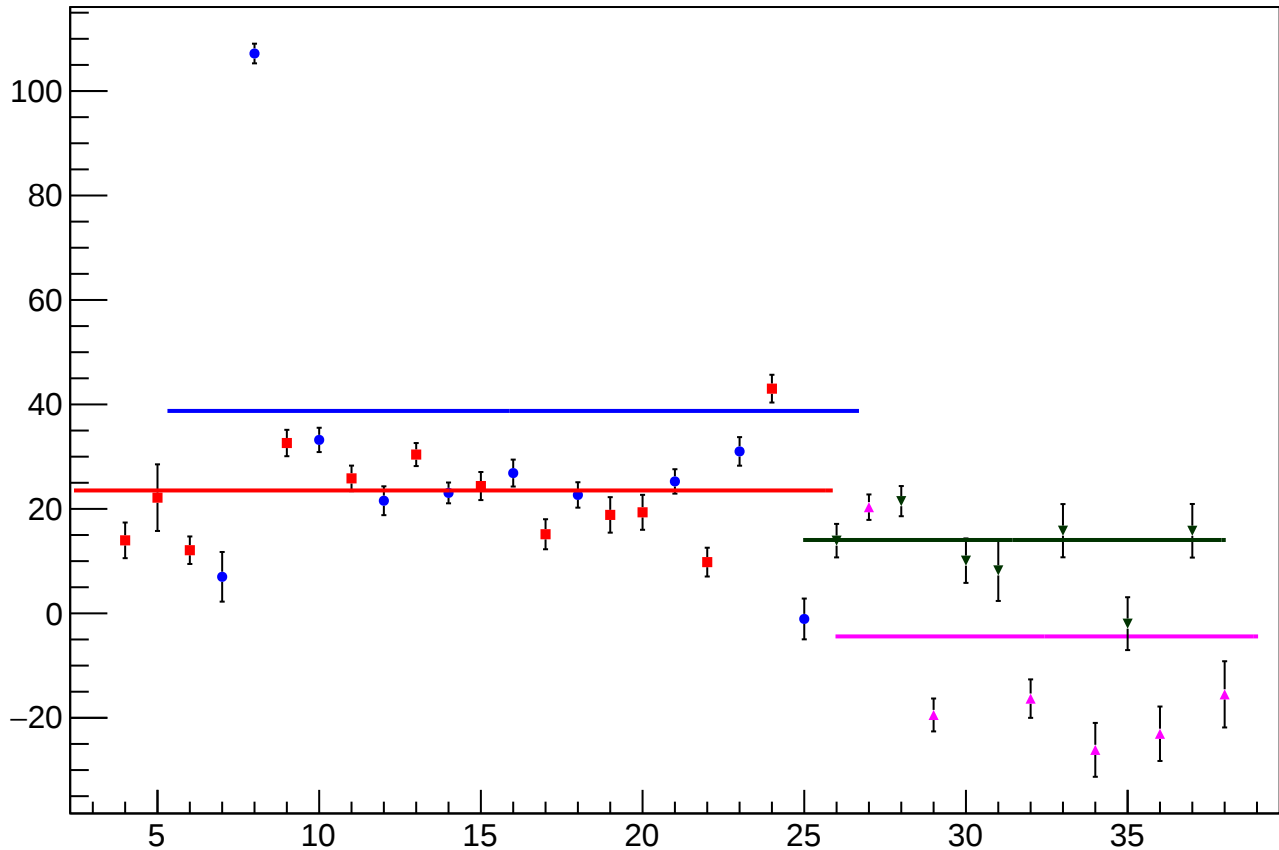
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

Left In: 6562.975+/-2.368 χ^2/NDF : 531253.1/5

5058.589+/-1.145 χ^2/NDF : 876691.9/16

5208.536+/-1.165 χ^2/NDF : 1074119.1/17

diff_bpm0l01Y_mean vs slug



Right In: 38.757+/-0.792 χ^2 /NDF: 1680.6/9

Left Out: 14.048+/-1.549 χ^2 /NDF:18.7/6

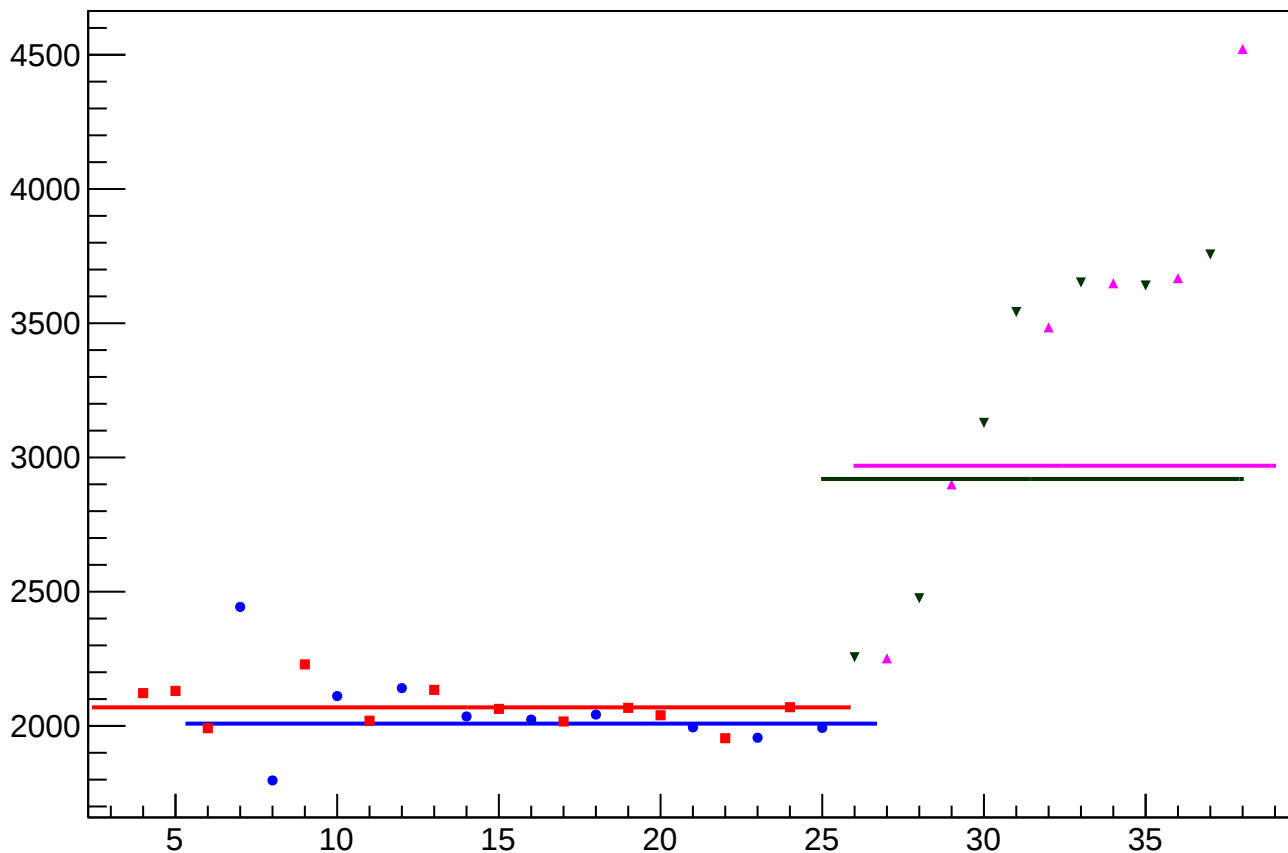
Right Out: 23.530+/-0.818 χ^2 /NDF: 140.9/11

Left In: -4.416+/-1.503 χ^2 /NDF:170.1/5

33.638+/-0.705 χ^2 /NDF: 1901.1/16

17.141+/-0.719 χ^2 /NDF: 577.5/17

diff_bpm0l01Y_rms vs slug



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

Left Out: 2919.931+/-1.095 χ^2/NDF : 295419.0/6

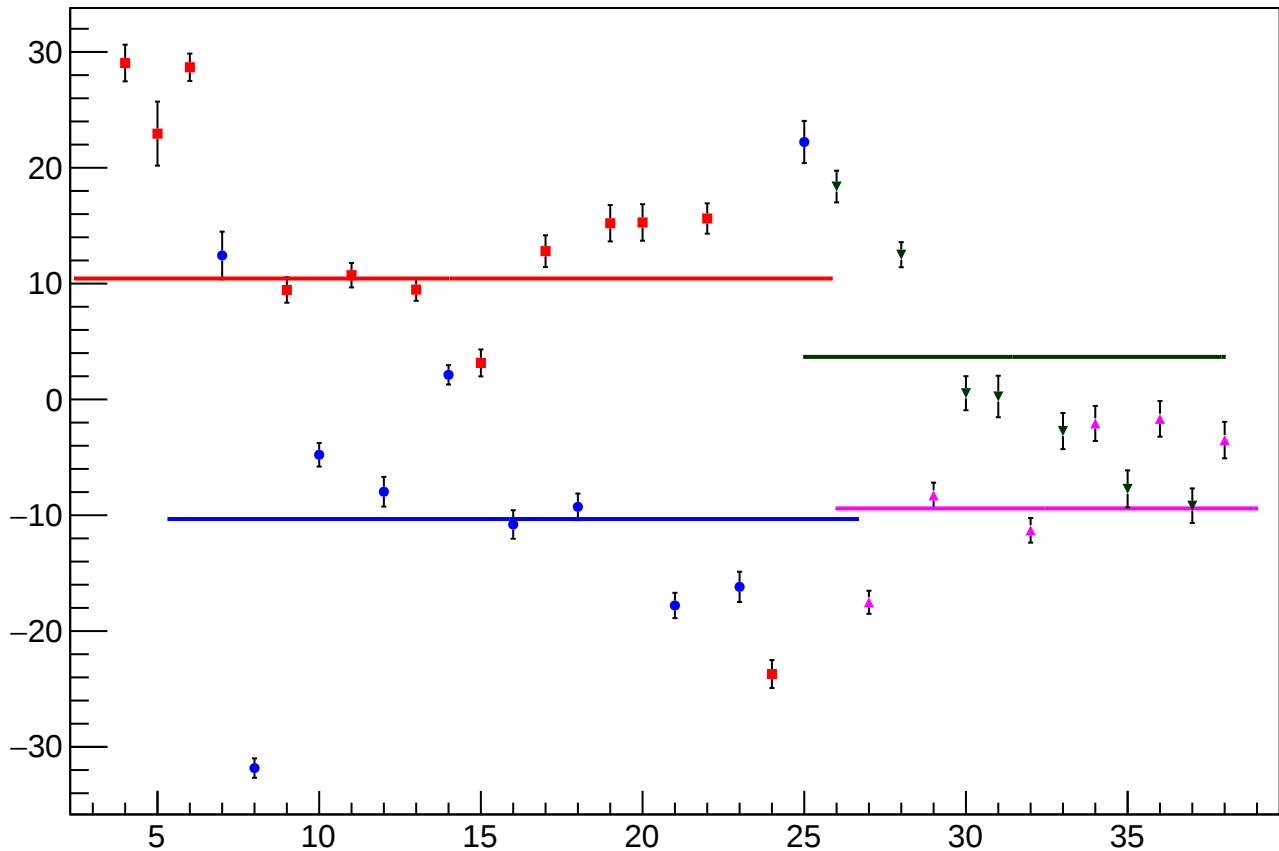
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 2969.221+/-1.063 χ^2/NDF : 404328.7/5

2197.394+/-0.498 χ^2/NDF : 896678.9/16

2274.986+/-0.508 χ^2/NDF : 974522.2/17

diff_bpm2i01X_mean vs slug



Right In: -10.326 ± 0.358 $\chi^2/\text{NDF}: 1420.3/9$

Left Out: 3.672 ± 0.542 $\chi^2/\text{NDF}: 331.7/6$

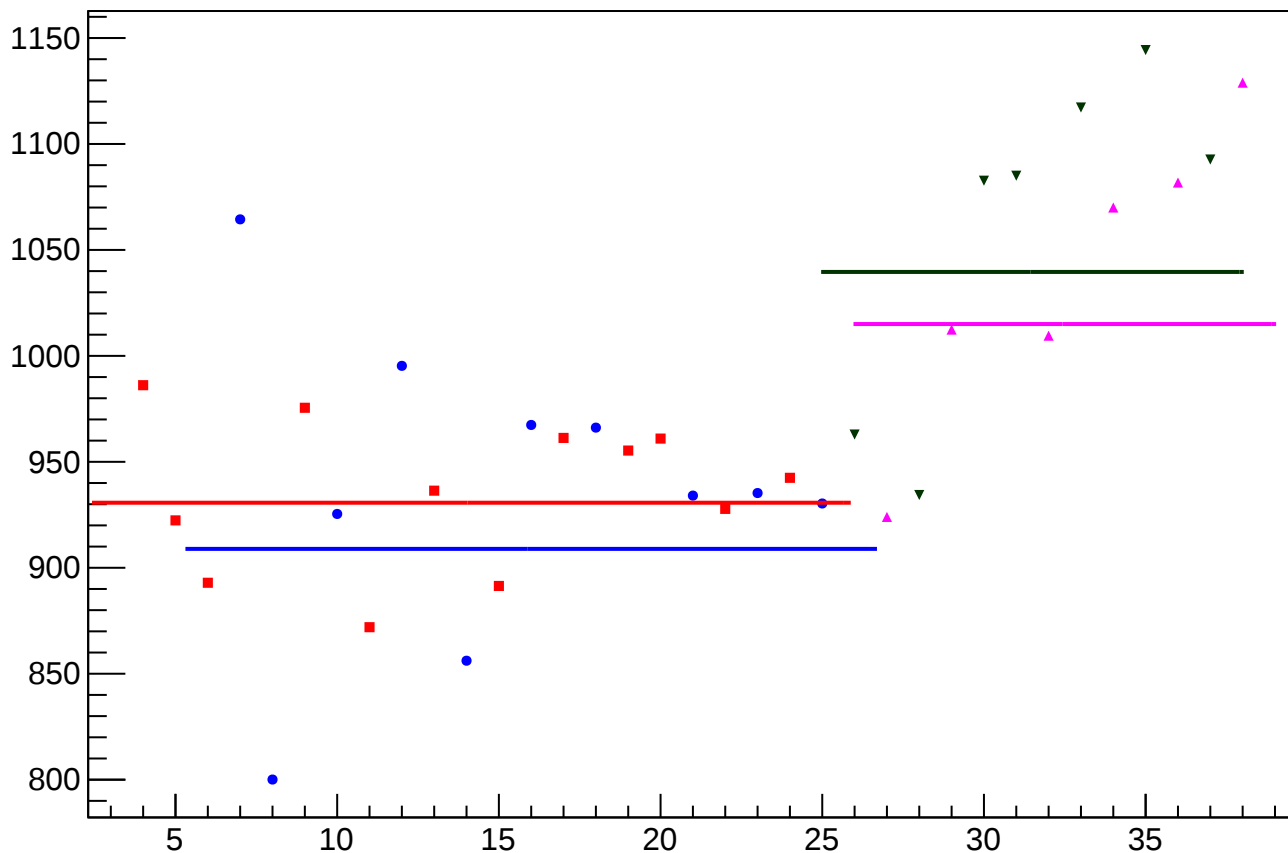
Right Out: 10.440 ± 0.368 $\chi^2/\text{NDF}: 1273.2/11$

Left In: -9.411 ± 0.502 $\chi^2/\text{NDF}: 132.7/5$

-6.067 ± 0.299 $\chi^2/\text{NDF}: 2216.8/16$

3.510 ± 0.297 $\chi^2/\text{NDF}: 2423.0/17$

diff_bpm2i01X_rms vs slug



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

Left Out: 1039.615+/-0.383 χ^2/NDF : 44201.4/6

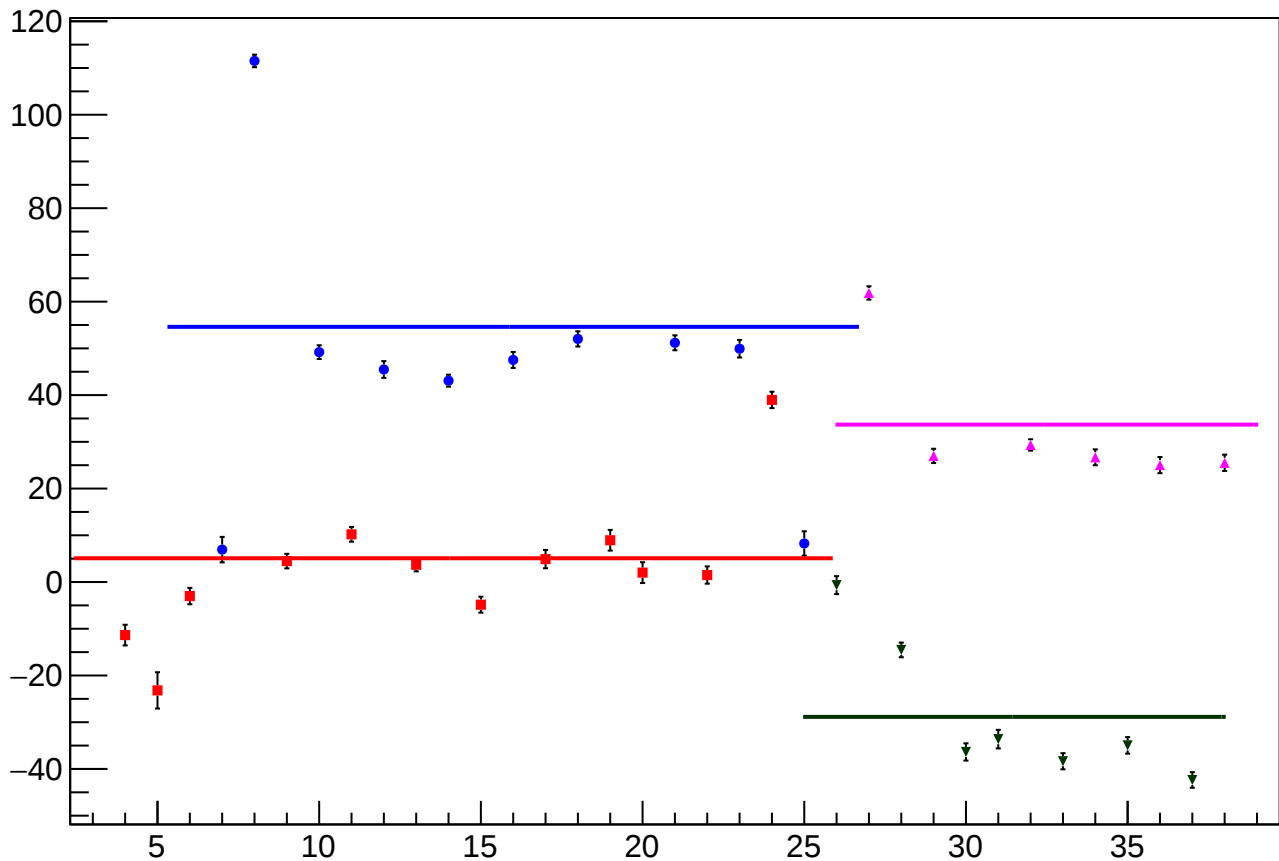
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 1015.023+/-0.355 χ^2/NDF : 33525.3/5

948.685+/-0.211 χ^2/NDF : 199470.4/16

960.143+/-0.210 χ^2/NDF : 89038.6/17

diff_bpm2i01Y_mean vs slug



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

Left Out: -28.856 $\pm$ 0.669 χ^2 /NDF: 426.5/6

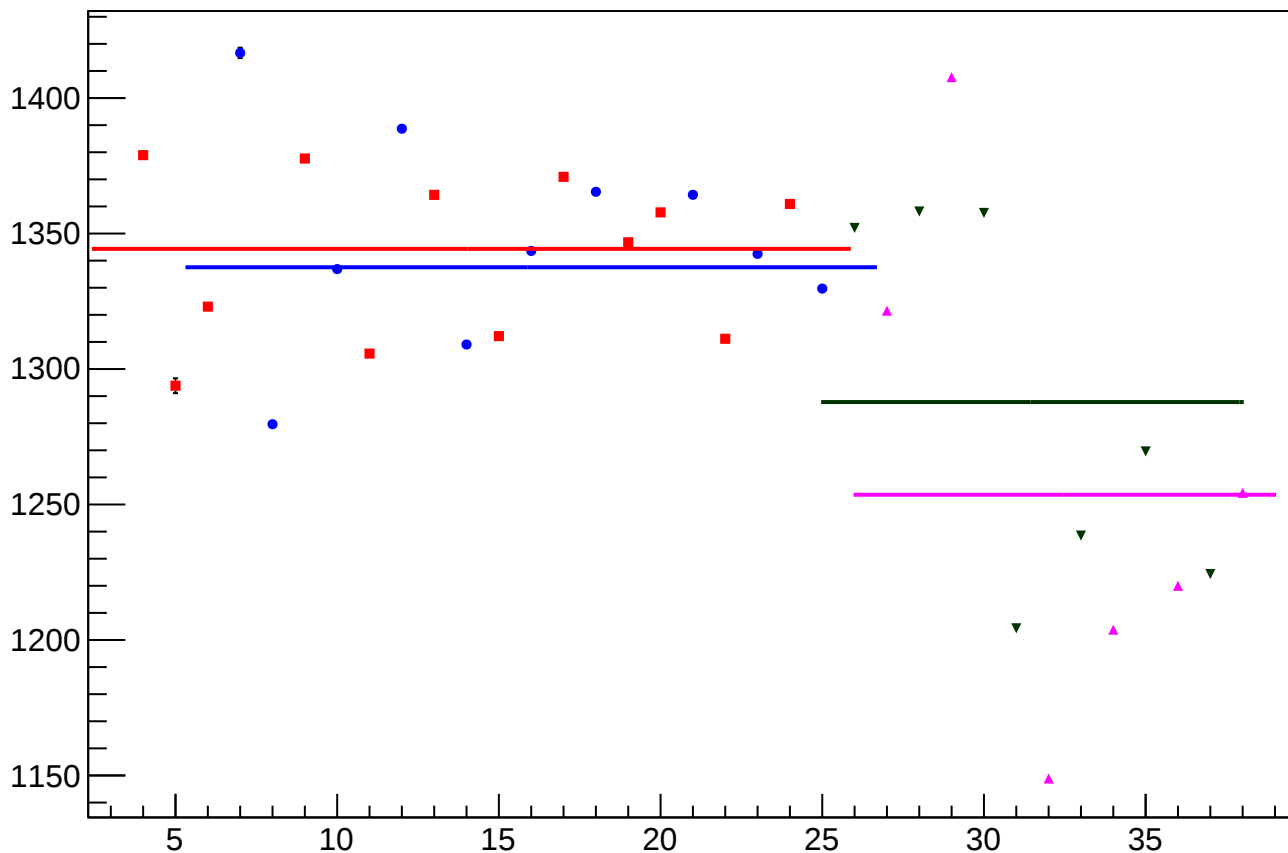
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 33.685 $\pm$ 0.620 χ^2 /NDF: 484.4/5

22.734 $\pm$ 0.414 χ^2 /NDF: 12604.9/16

17.206 $\pm$ 0.404 χ^2 /NDF: 2269.5/17

diff_bpm2i01Y_rms vs slug



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

Left Out: 1287.810+/-0.473 χ^2/NDF :17325.6/6

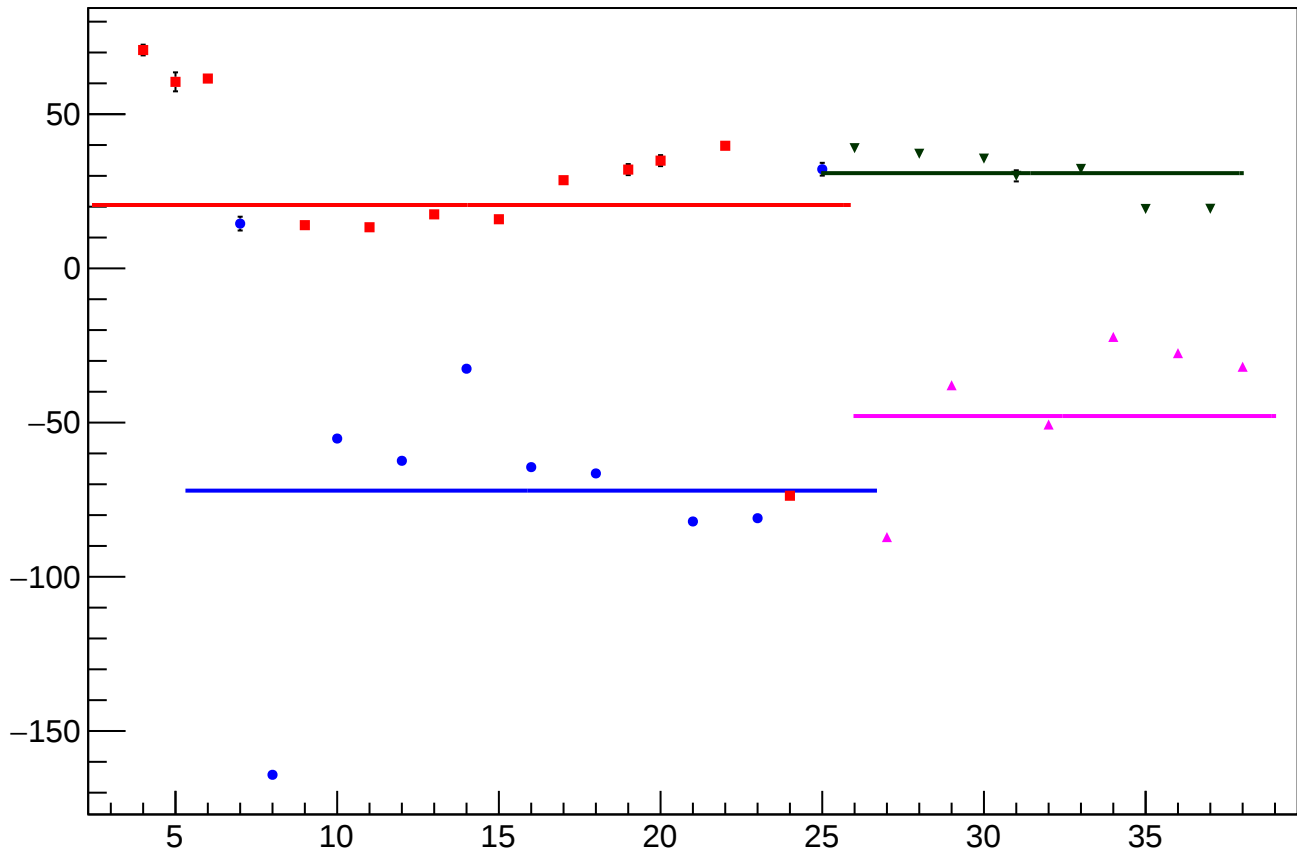
Right Out: 1344.349+/-0.376 χ^2/NDF : 5607.5/11

Left In: 1253.602+/-0.438 χ^2/NDF :42168.2/5

1318.561+/-0.293 χ^2/NDF : 33380.3/16

1305.894+/-0.285 χ^2/NDF : 72465.5/17

diff_bpm2i02X_mean vs slug



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

Left Out: 30.882 $\pm$ 0.576 χ^2 /NDF:174.6/6

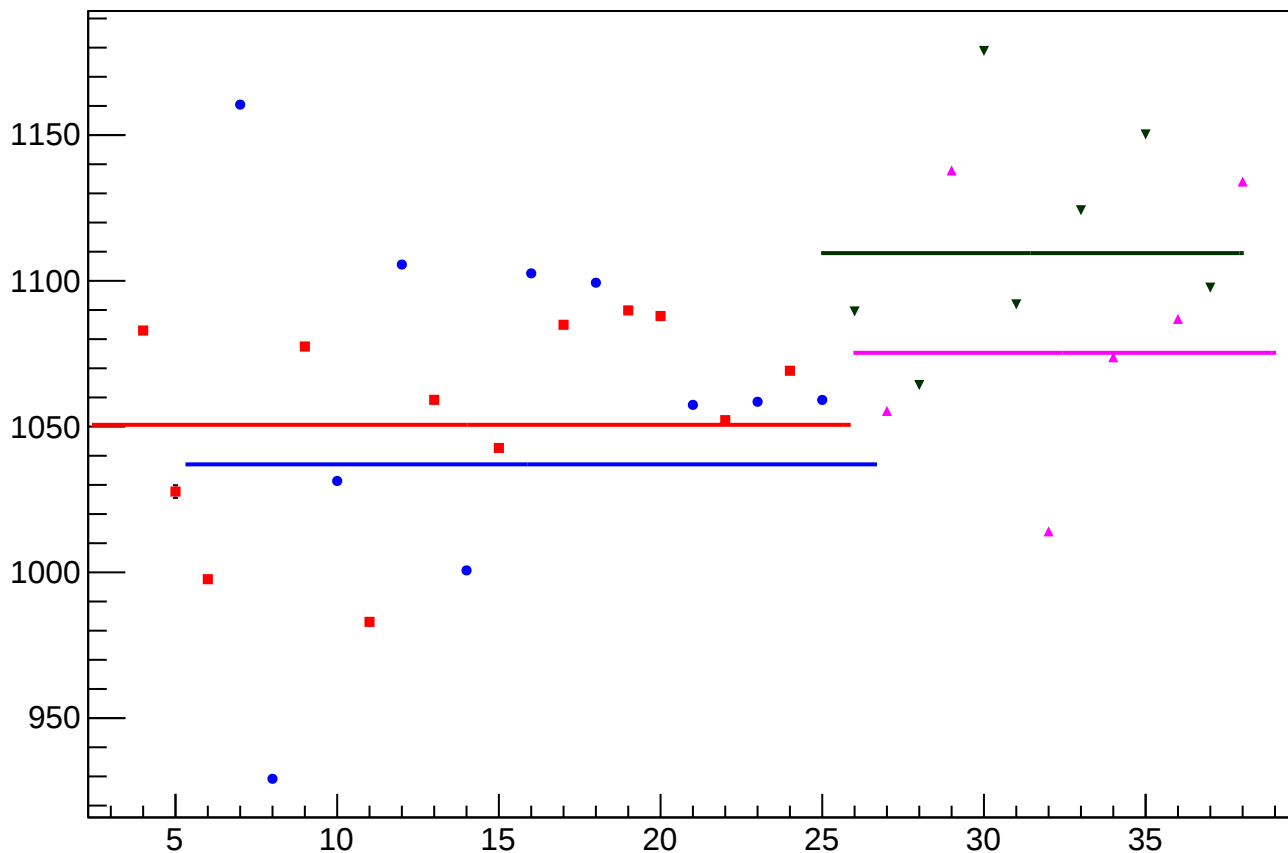
Right Out: 20.554 $\pm$ 0.415 χ^2 /NDF: 7076.4/11

Left In: -47.874 $\pm$ 0.531 χ^2 /NDF:1817.1/5

-37.691 $\pm$ 0.333 χ^2 /NDF: 36454.8/16

-5.382 $\pm$ 0.327 χ^2 /NDF: 19195.3/17

diff_bpm2i02X_rms vs slug



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

Left Out: 1109.515 $\pm$ 0.408 χ^2 /NDF:8560.7/6

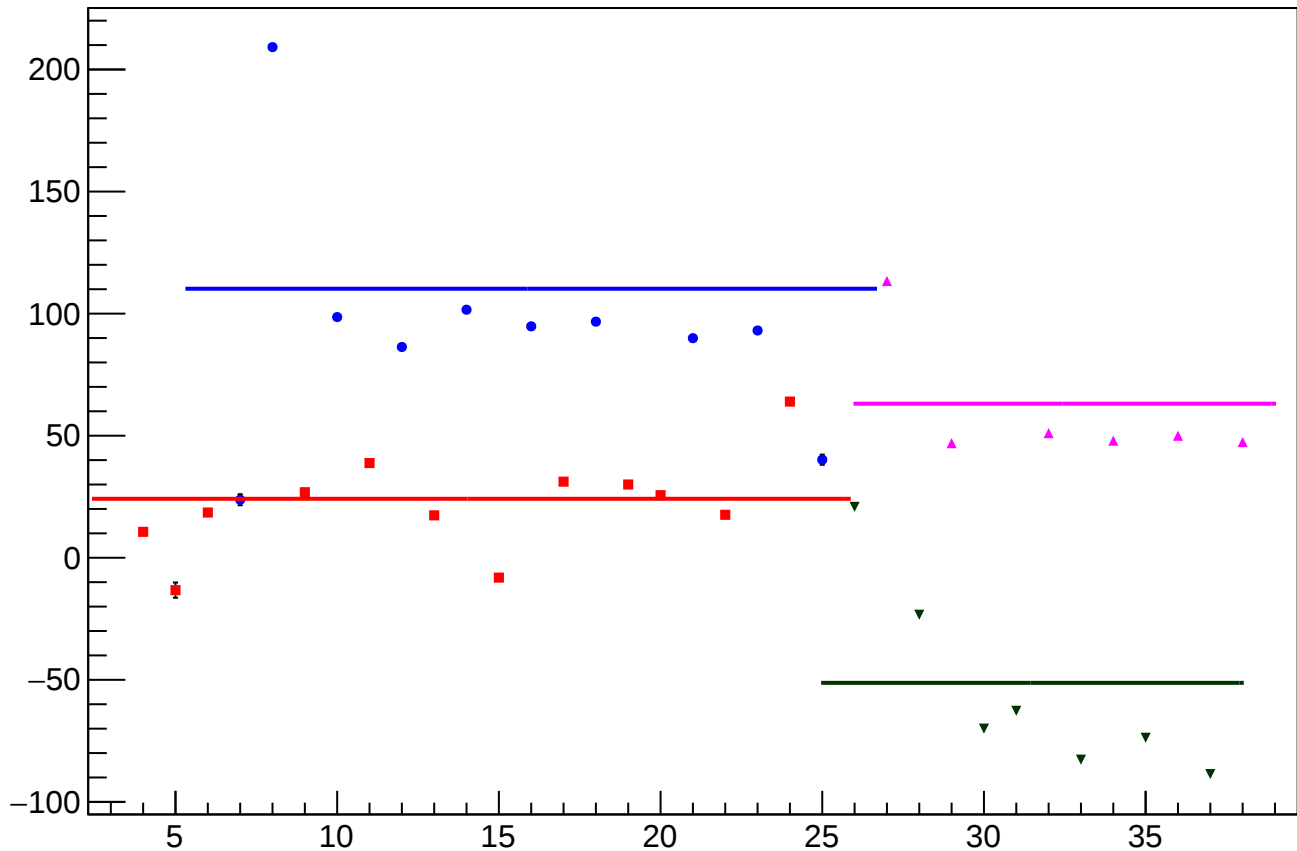
Right Out: 1050.613 $\pm$ 0.293 χ^2 /NDF: 14851.7/11

Left In: 1075.315 $\pm$ 0.376 χ^2 /NDF:15124.8/5

1061.243 $\pm$ 0.235 χ^2 /NDF: 77771.7/16

1059.975 $\pm$ 0.231 χ^2 /NDF: 32661.5/17

diff_bpm2i02Y_mean vs slug



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

Left Out: -51.231 $\pm$ 0.580 χ^2 /NDF: 4045.7/6

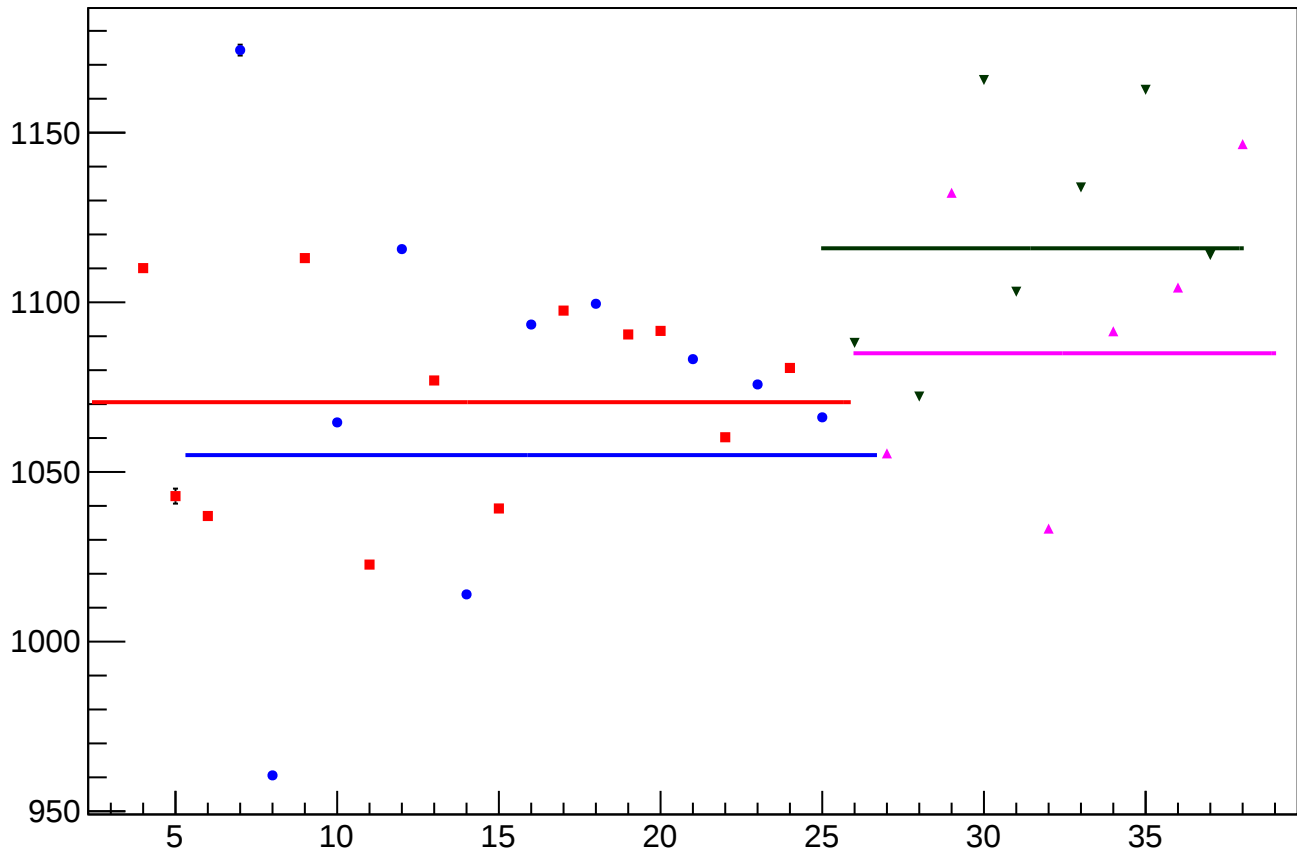
Right Out: 24.160 $\pm$ 0.423 χ^2 /NDF: 1842.7/11

Left In: 63.112 $\pm$ 0.536 χ^2 /NDF: 2499.0/5

55.476 $\pm$ 0.337 χ^2 /NDF: 68639.0/16

39.117 $\pm$ 0.332 χ^2 /NDF: 7598.2/17

diff_bpm2i02Y_rms vs slug



Right In: 1054.969 ± 0.293 $\chi^2/\text{NDF}: 35538.9/9$

Left Out: 1115.923 ± 0.410 $\chi^2/\text{NDF}: 7104.8/6$

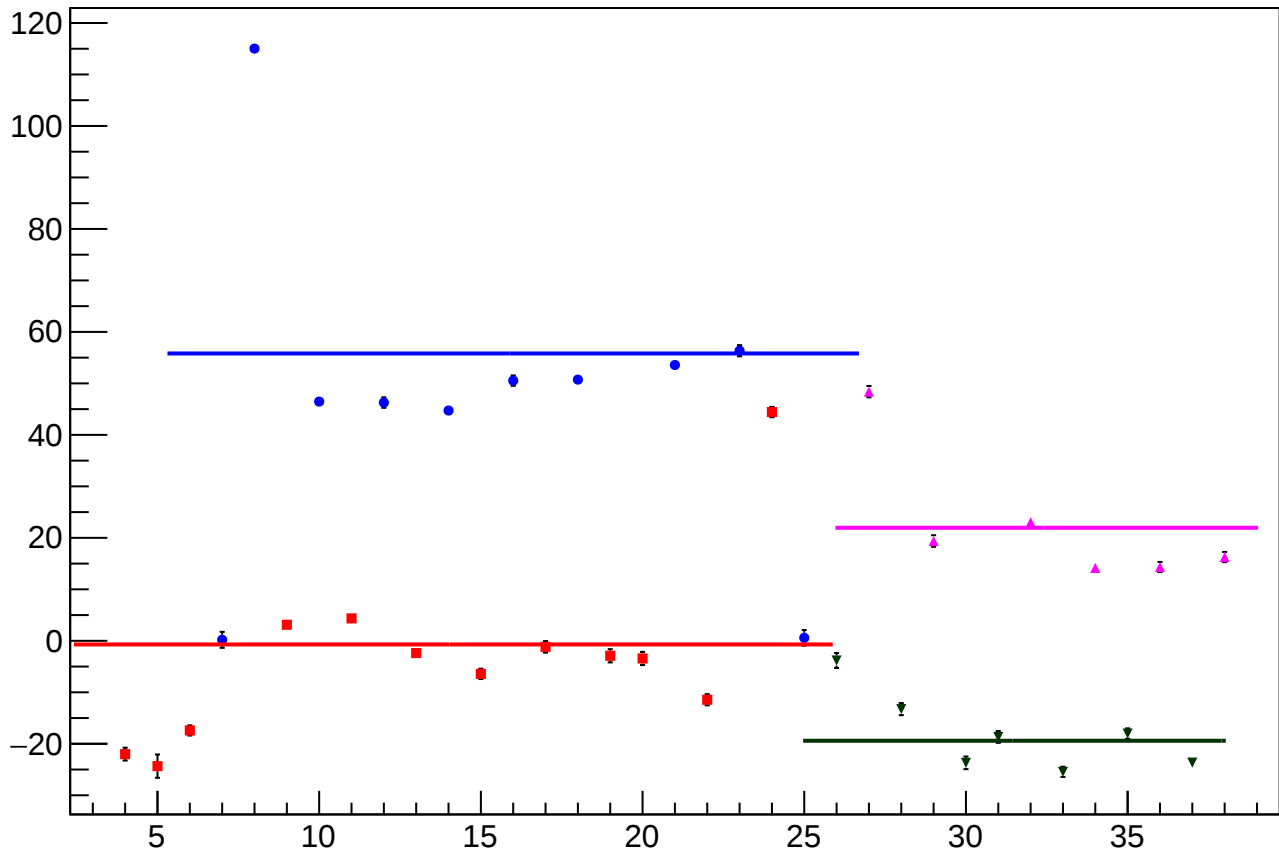
Right Out: 1070.566 ± 0.299 $\chi^2/\text{NDF}: 10075.5/11$

Left In: 1084.984 ± 0.379 $\chi^2/\text{NDF}: 12085.3/5$

1075.632 ± 0.239 $\chi^2/\text{NDF}: 57268.8/16$

1076.103 ± 0.235 $\chi^2/\text{NDF}: 23053.1/17$

diff_bpm1i04X_mean vs slug



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

Left Out: -19.413 $\pm$ 0.418 χ^2 /NDF:212.6/6

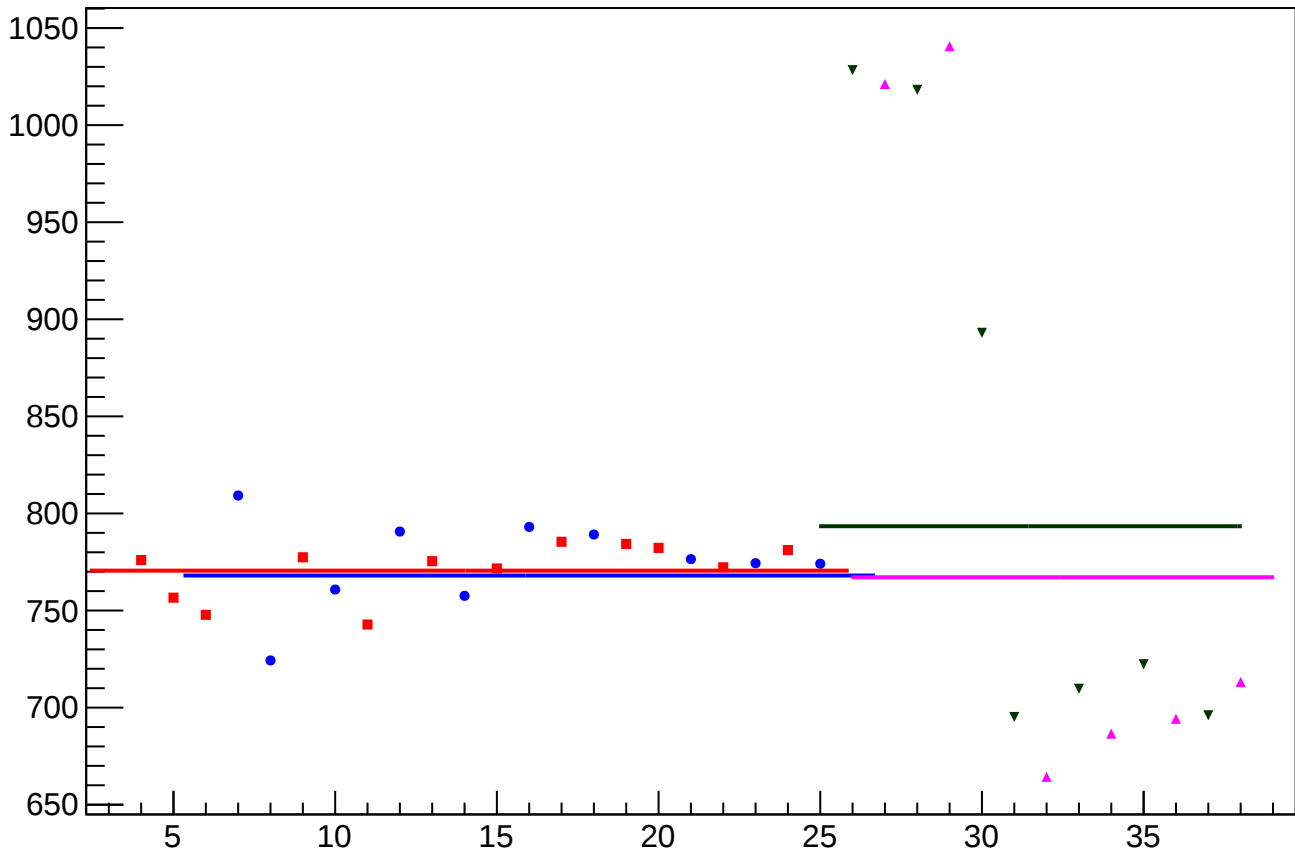
Right Out: -0.705 $\pm$ 0.304 χ^2 /NDF: 2908.1/11

Left In: 21.958 $\pm$ 0.385 χ^2 /NDF:740.2/5

30.058 $\pm$ 0.245 χ^2 /NDF: 30728.4/16

8.000 $\pm$ 0.239 χ^2 /NDF: 5781.0/17

diff_bpm1i04X_rms vs slug



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

Left Out: 793.411+/-0.296 χ^2/NDF : 197658.3/6

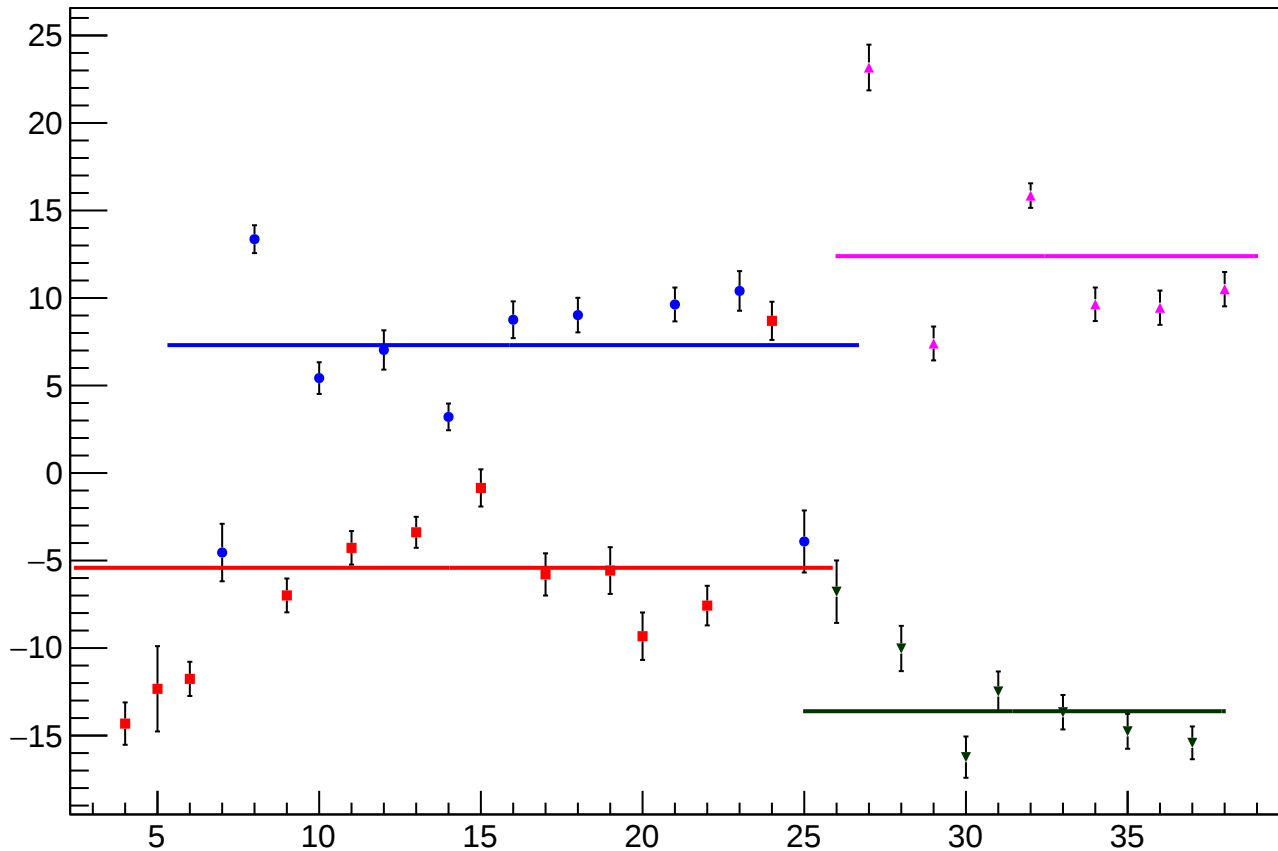
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 767.139+/-0.272 χ^2/NDF : 297112.0/5

776.718+/-0.173 χ^2/NDF : 214620.5/16

769.239+/-0.169 χ^2/NDF : 301468.1/17

diff_bpm1i04Y_mean vs slug



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

Left Out: -13.609 ± 0.424 χ^2/NDF : 33.3/6

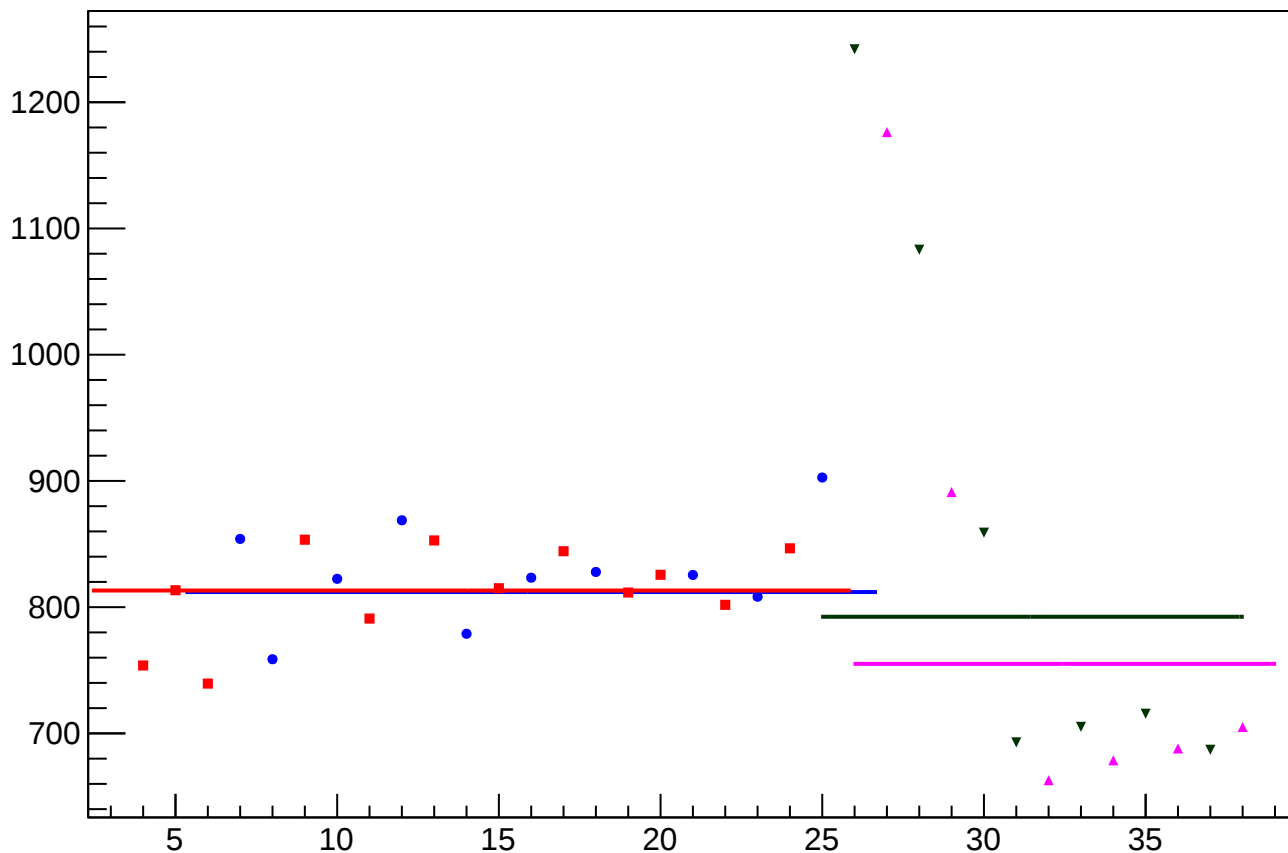
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 12.392 ± 0.382 χ^2/NDF : 140.1/5

-0.283 ± 0.255 χ^2/NDF : 1786.7/16

1.995 ± 0.246 χ^2/NDF : 1722.4/17

diff_bpm1i04Y_rms vs slug



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

Left Out: 792.389 $\pm$ 0.300 χ^2 /NDF:302451.1/6

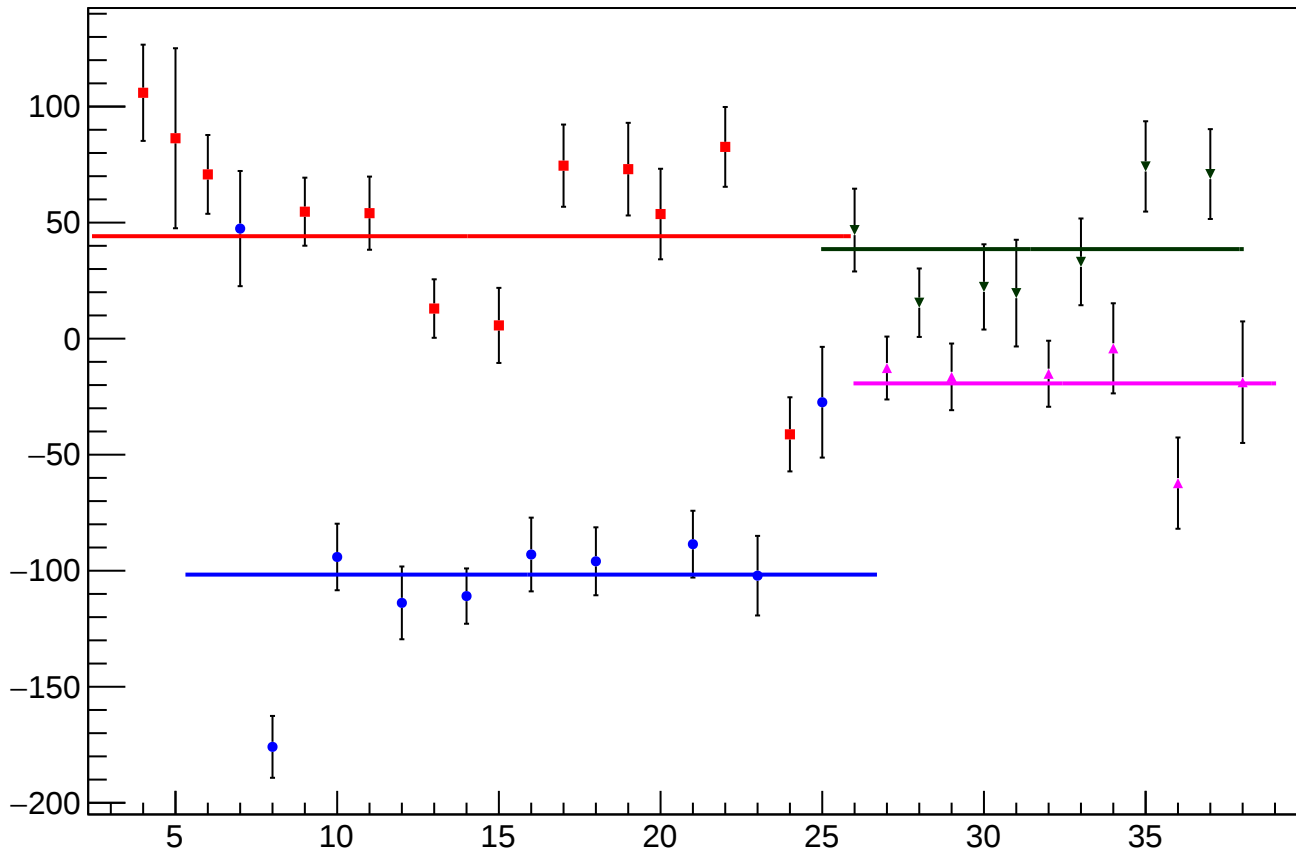
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

Left In: 755.084 $\pm$ 0.270 χ^2 /NDF:309773.4/5

804.866 $\pm$ 0.181 χ^2 /NDF: 330968.6/16

789.009 $\pm$ 0.174 χ^2 /NDF: 365162.6/17

diff_bpm0l02X_mean vs slug



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

Left Out: 38.585 $\pm$ 6.939 χ^2 /NDF:10.4/6

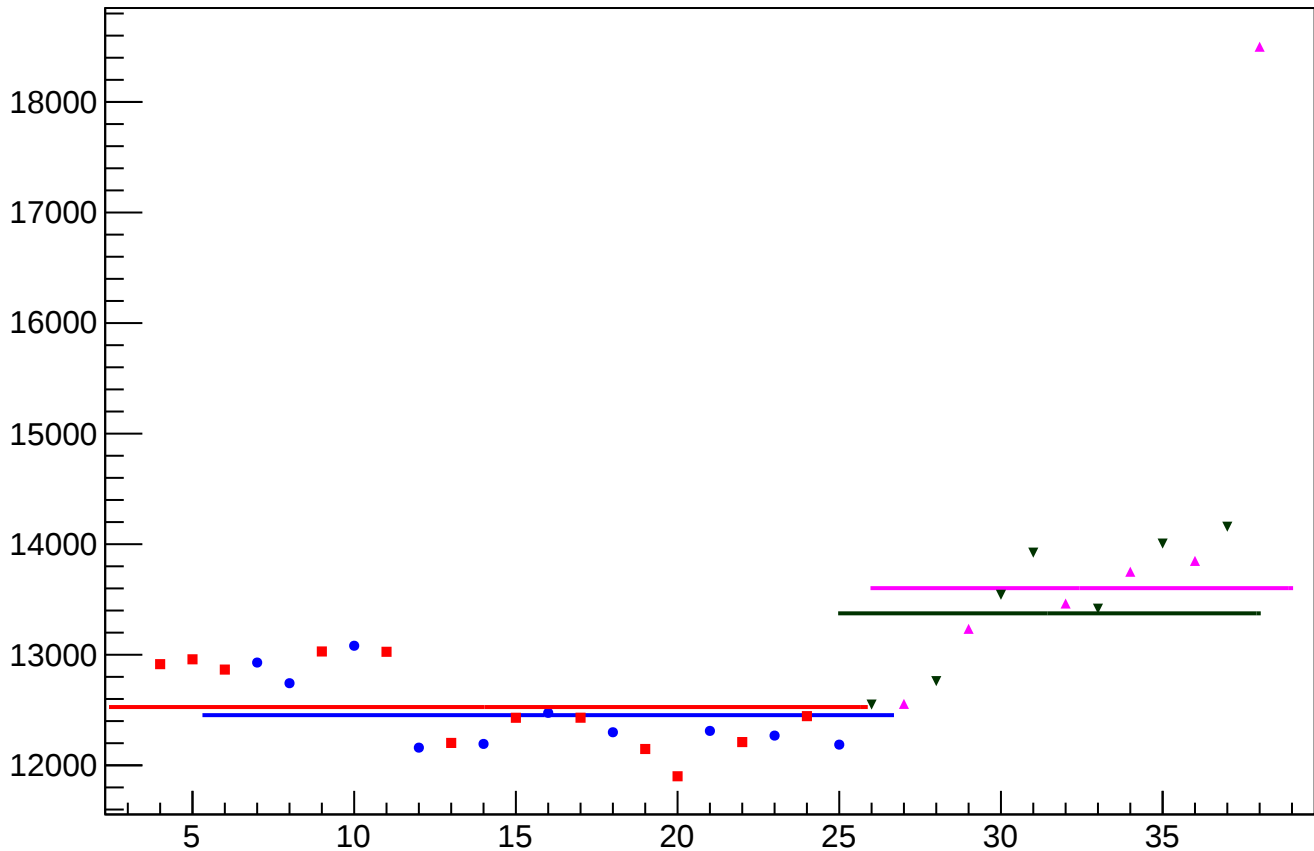
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

Left In: -19.281 $\pm$ 6.752 χ^2 /NDF:5.7/5

-55.147 $\pm$ 3.996 χ^2 /NDF: 363.0/16

21.998 $\pm$ 3.990 χ^2 /NDF: 127.2/17

diff_bpm0l02X_rms vs slug



Right In: 12453.727+/-3.457 χ^2/NDF : 8070.4/9

Left Out: 13374.557+/-4.907 χ^2/NDF :14435.4/6

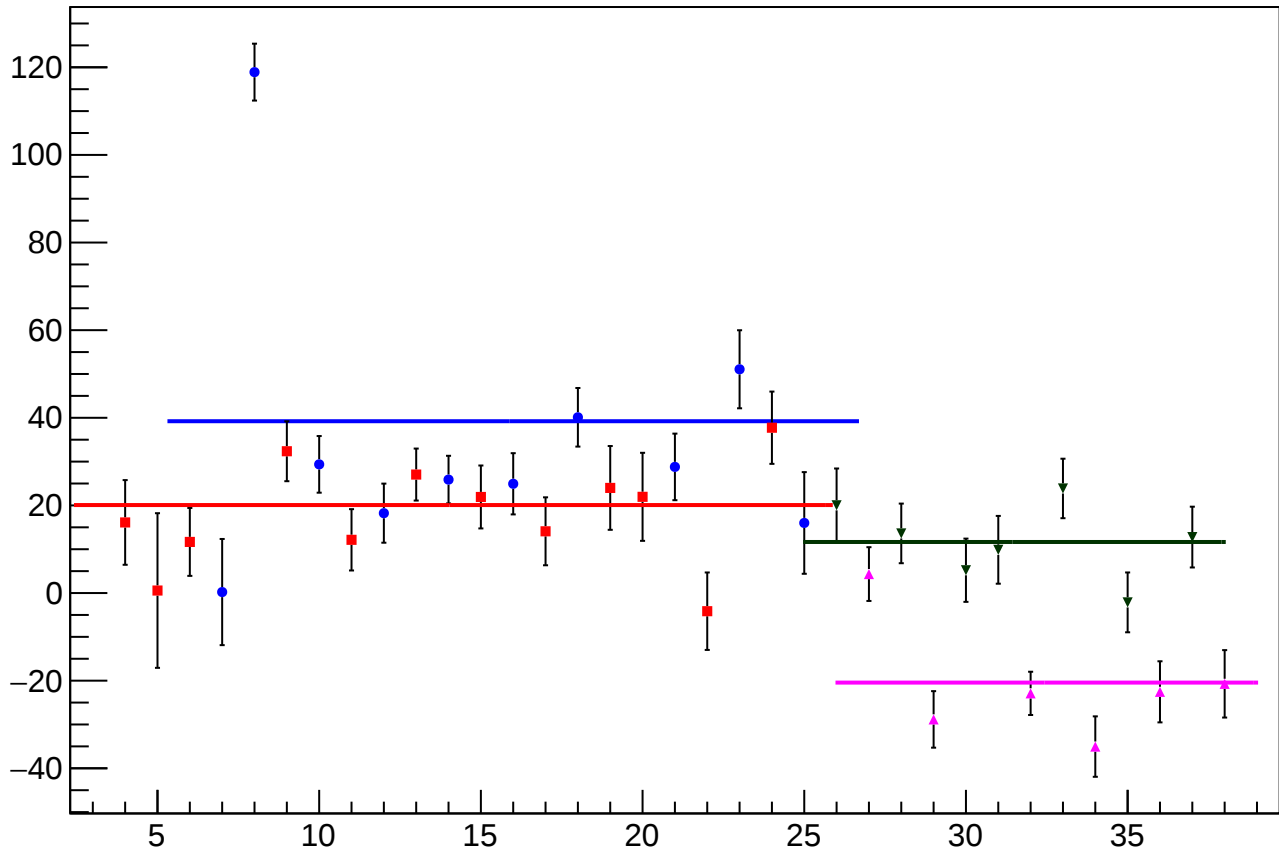
12759.179+/-2.826 χ^2/NDF : 46043.7/16

Right Out: 12527.068+/-3.497 χ^2/NDF : 11080.0/11

12902.562+/-2.821 χ^2/NDF : 127914.6/17

Left In: 13602.465+/-4.774 χ^2/NDF :83816.0/5

diff_bpm0l02Y_mean vs slug



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

Left Out: 11.655 $\pm$ 2.716 χ^2 /NDF: 9.3/6

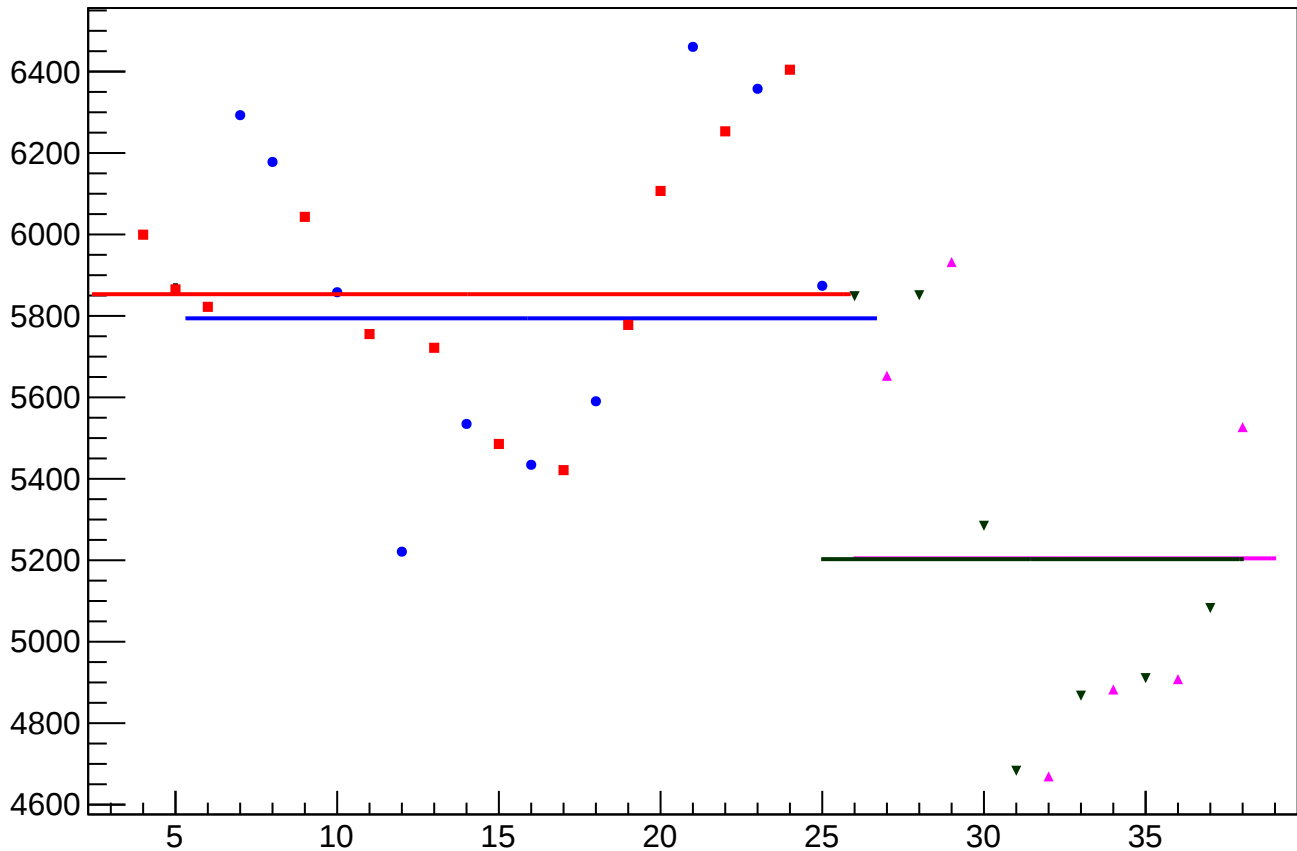
Right Out: 20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

Left In: -20.440 $\pm$ 2.581 χ^2 /NDF: 22.8/5

27.754 $\pm$ 1.751 χ^2 /NDF: 260.2/16

1.939 $\pm$ 1.727 χ^2 /NDF: 180.4/17

diff_bpm0l02Y_rms vs slug



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

Left Out: 5202.748+/-1.920 χ^2/NDF : 48374.1/6

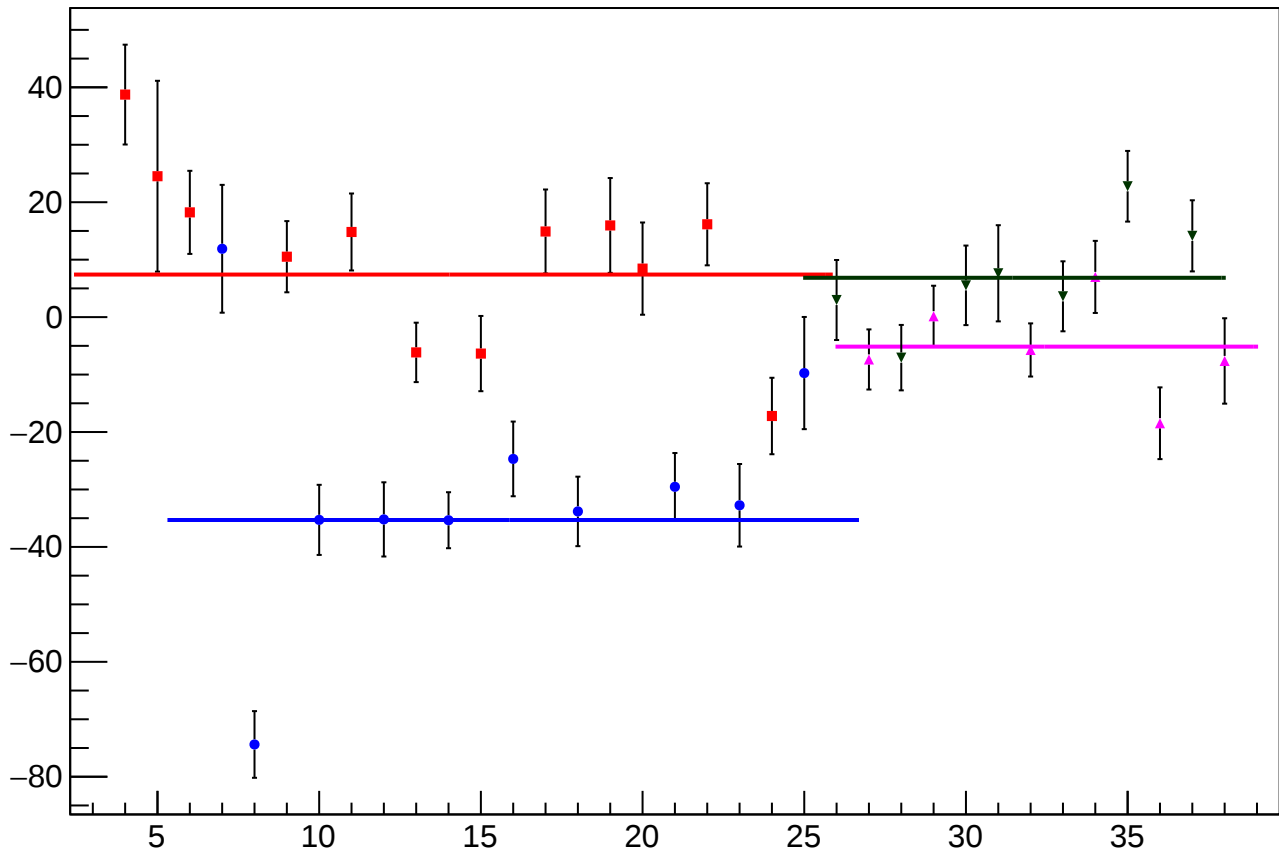
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 5204.687+/-1.825 χ^2/NDF : 71128.5/5

5548.127+/-1.238 χ^2/NDF : 163974.8/16

5562.907+/-1.221 χ^2/NDF : 170172.1/17

diff_bpm0l03X_mean vs slug



Right In: -35.314 ± 2.039 $\chi^2/\text{NDF}: 74.0/9$

Left Out: 6.846 ± 2.454 $\chi^2/\text{NDF}: 14.7/6$

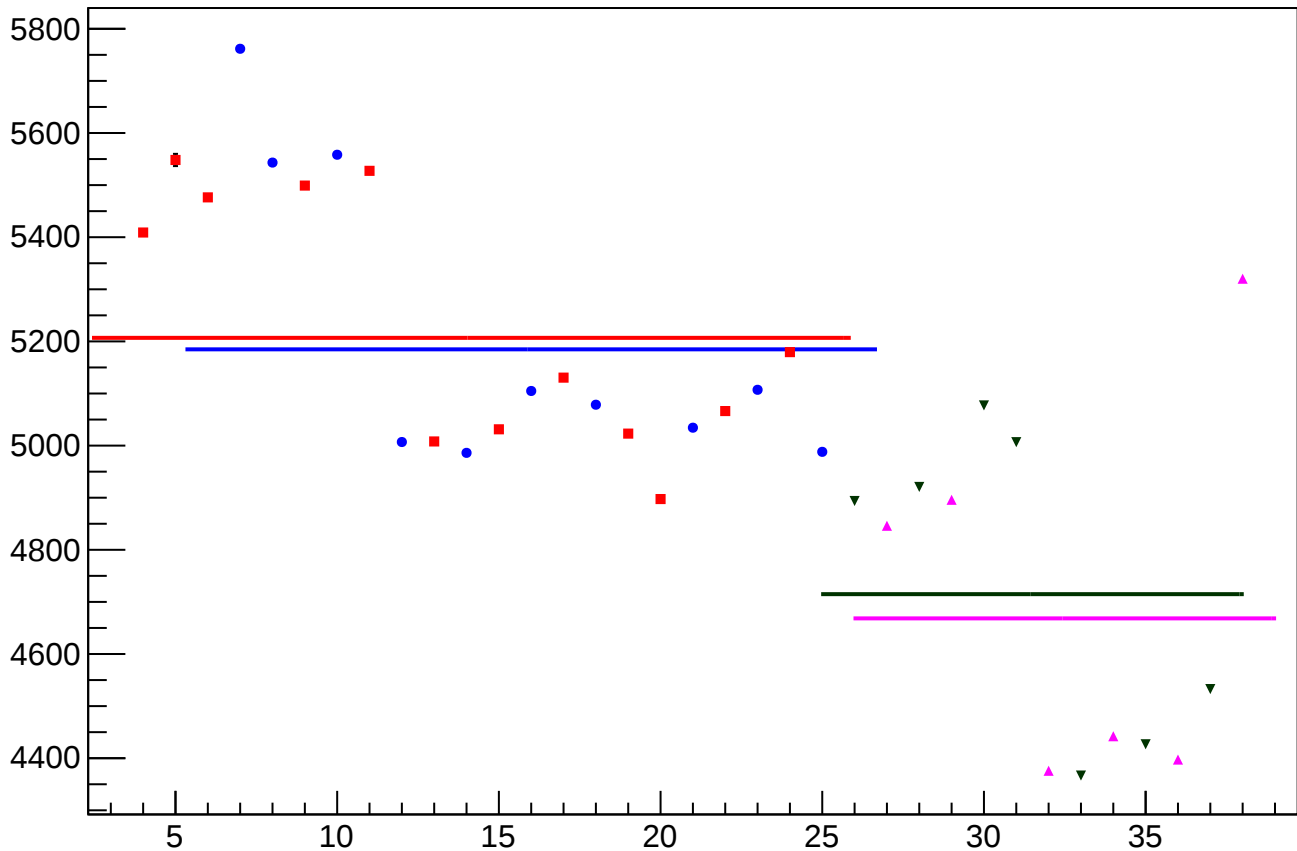
Right Out: 7.409 ± 2.058 $\chi^2/\text{NDF}: 46.4/11$

Left In: -5.137 ± 2.307 $\chi^2/\text{NDF}: 9.6/5$

-18.091 ± 1.568 $\chi^2/\text{NDF}: 263.3/16$

1.850 ± 1.536 $\chi^2/\text{NDF}: 72.5/17$

diff_bpm0l03X_rms vs slug



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

Left Out: 4714.888+/-1.735 χ^2/NDF : 24490.8/6

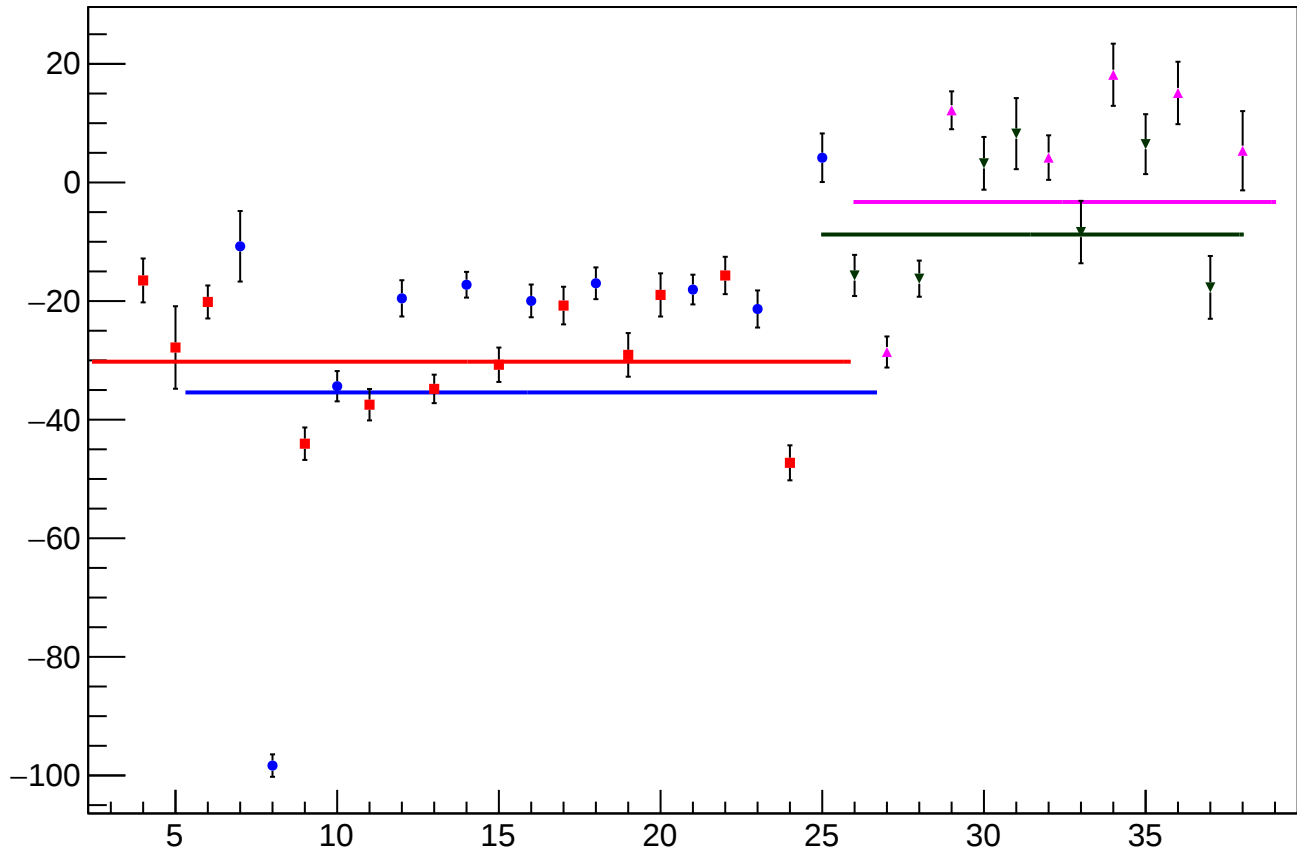
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4668.369+/-1.631 χ^2/NDF : 35735.6/5

4992.810+/-1.109 χ^2/NDF : 96481.7/16

4968.237+/-1.086 χ^2/NDF : 119529.7/17

diff_bpm0l03Y_mean vs slug



Right In: -35.407 $\pm$ 0.854 χ^2 /NDF: 1459.3/9

Left Out: -8.775 $\pm$ 1.622 χ^2 /NDF: 37.2/6

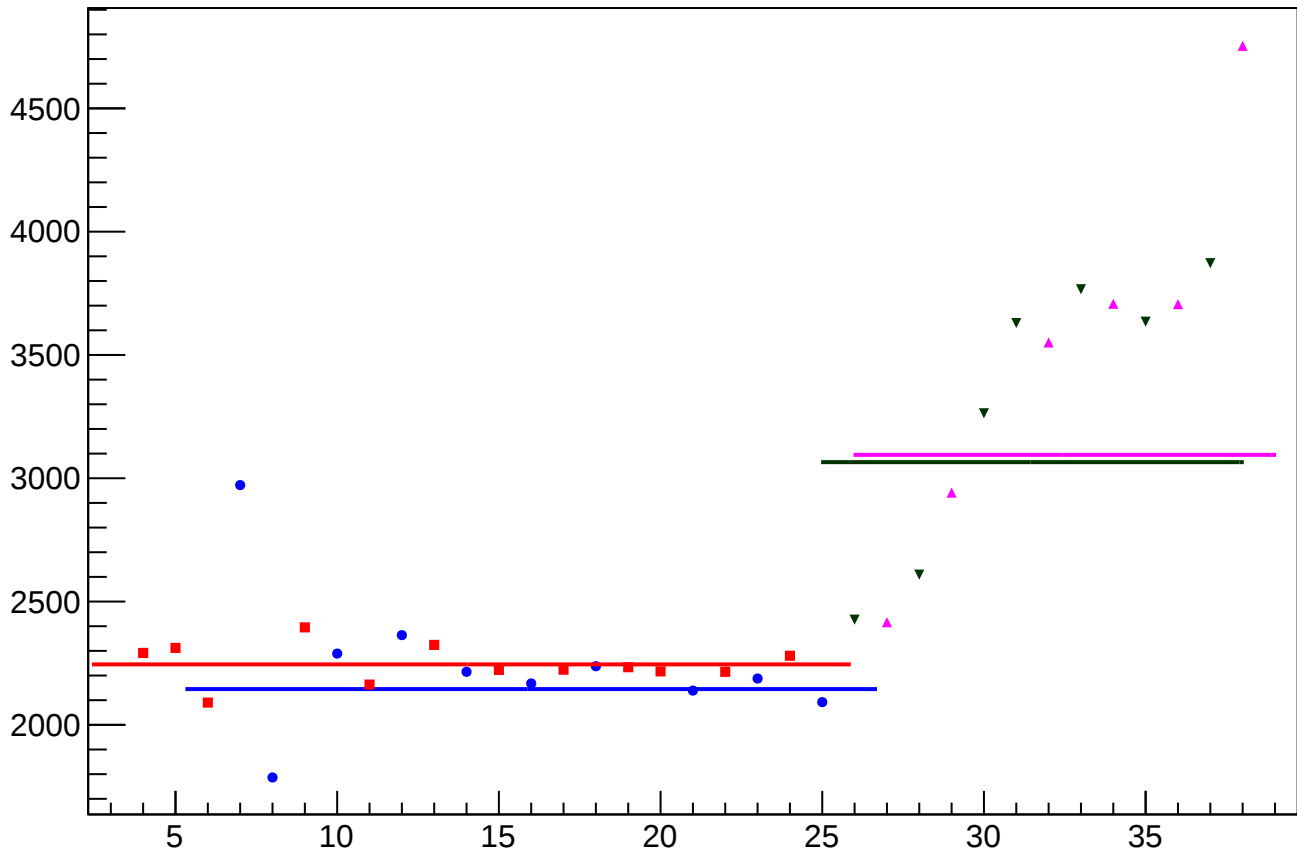
Right Out: -30.222 $\pm$ 0.893 χ^2 /NDF: 136.9/11

Left In: -3.292 $\pm$ 1.563 χ^2 /NDF: 151.2/5

-29.631 $\pm$ 0.756 χ^2 /NDF: 1707.5/16

-23.599 $\pm$ 0.775 χ^2 /NDF: 512.0/17

diff_bpm0l03Y_rms vs slug



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

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

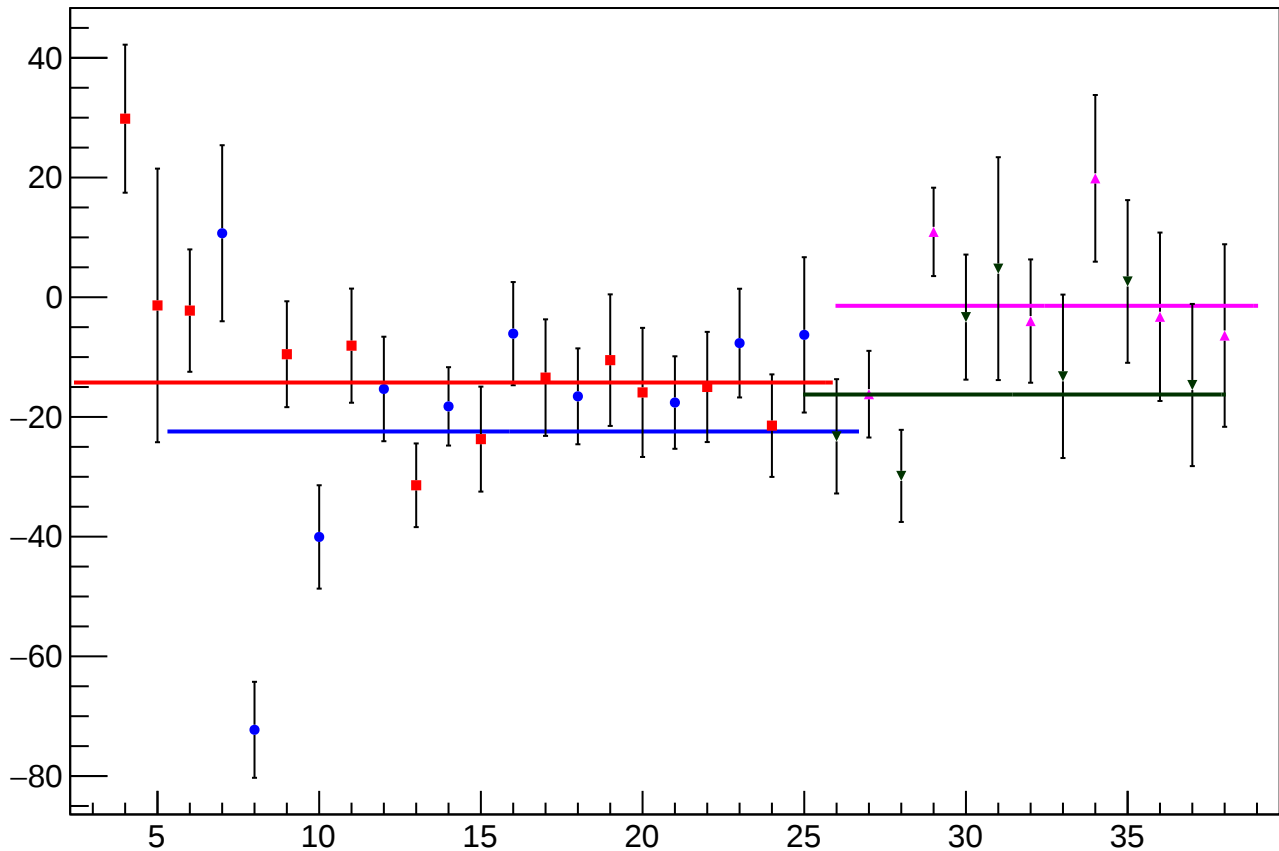
Right Out: 2144.990+/-0.604 χ^2/NDF : 132365.7/9

Left In: 3094.855+/-1.105 χ^2/NDF : 345755.8/5

2344.598+/-0.534 χ^2/NDF : 877861.2/16

2454.108+/-0.548 χ^2/NDF : 809199.4/17

diff_bpm0l04X_mean vs slug



Right In: -22.429 ± 2.733 $\chi^2/\text{NDF}: 57.7/9$

Left Out: -16.252 ± 4.221 $\chi^2/\text{NDF}: 8.5/6$

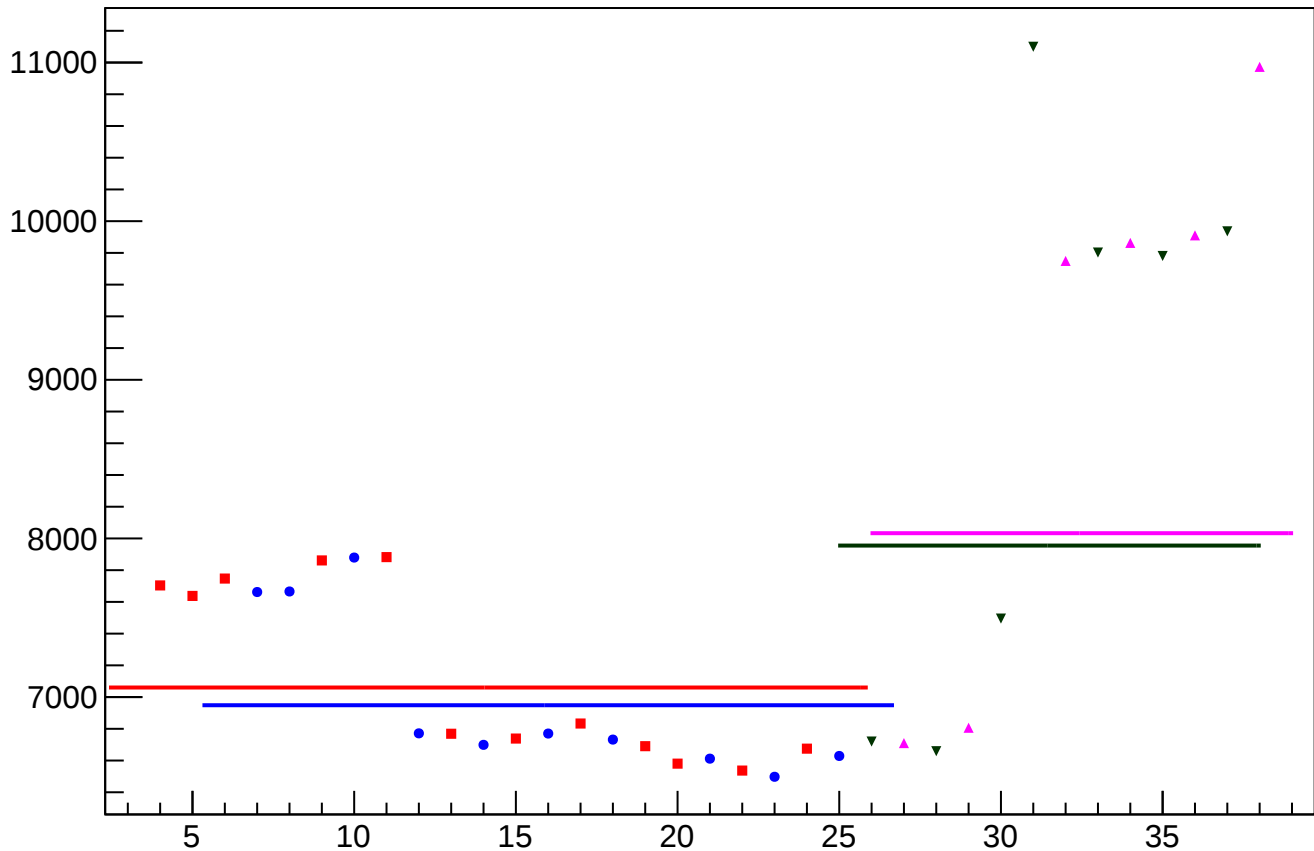
Right Out: -14.248 ± 2.794 $\chi^2/\text{NDF}: 23.2/11$

Left In: -1.430 ± 4.037 $\chi^2/\text{NDF}: 9.5/5$

-20.604 ± 2.294 $\chi^2/\text{NDF}: 67.6/16$

-10.097 ± 2.297 $\chi^2/\text{NDF}: 39.5/17$

diff_bpm0l04X_rms vs slug



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

Left Out: 7955.070+/-2.985 χ^2/NDF : 266602.9/6

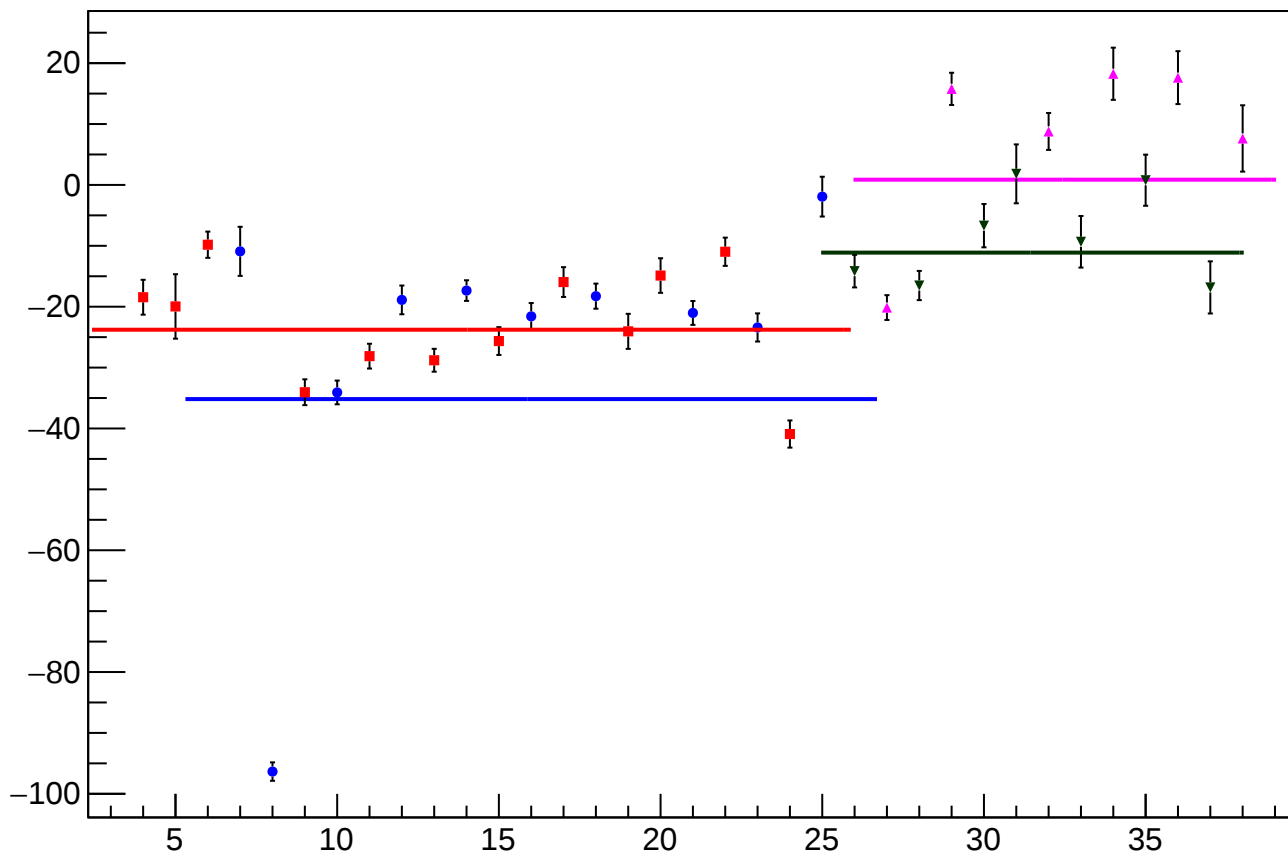
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 8033.125+/-2.855 χ^2/NDF : 321948.8/5

7245.909+/-1.622 χ^2/NDF : 406660.5/16

7375.310+/-1.624 χ^2/NDF : 471452.5/17

diff_bpm0l04Y_mean vs slug



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

Left Out: -11.116+/-1.288 χ^2/NDF : 25.0/6

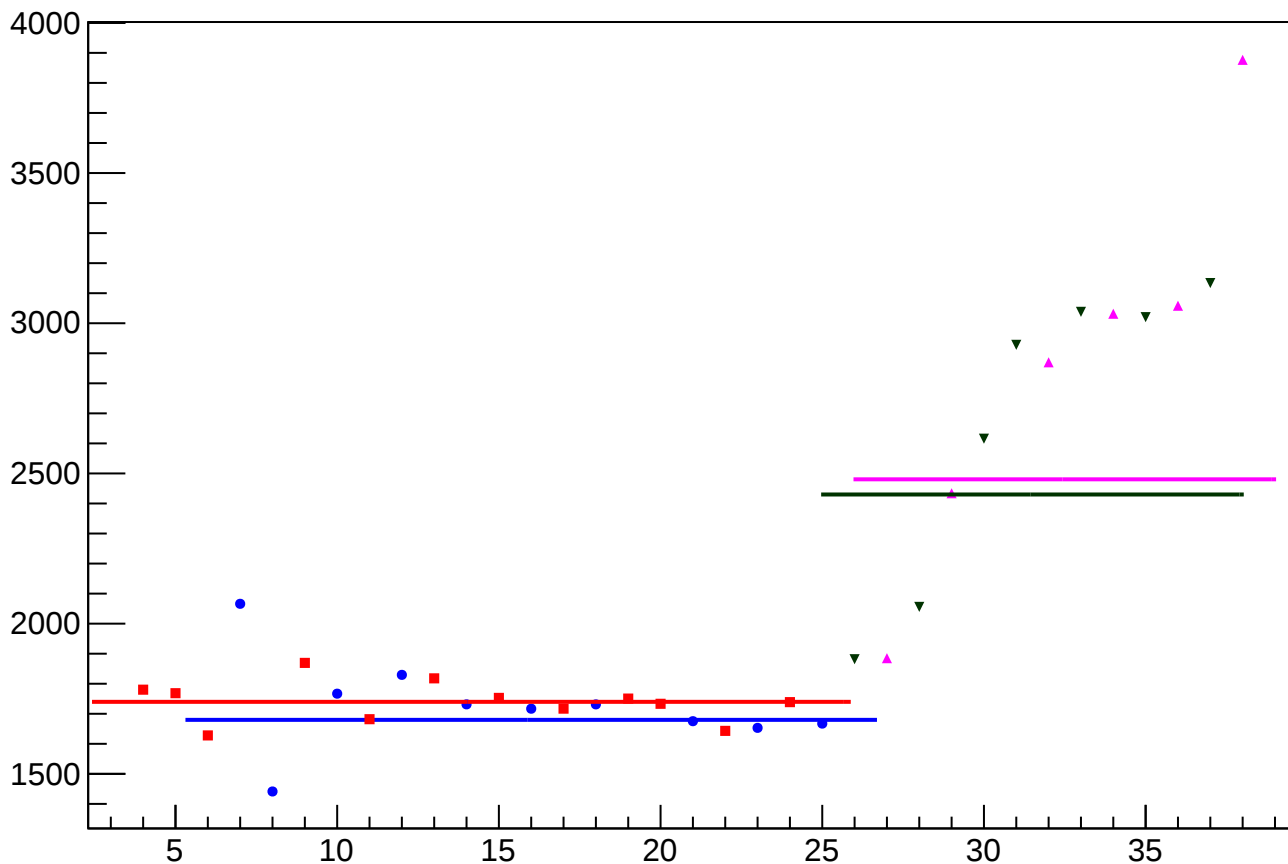
Right Out: -23.778+/-0.688 χ^2/NDF : 191.1/11

Left In: 0.861+/-1.256 χ^2/NDF : 177.8/5

-30.136+/-0.590 χ^2/NDF : 2417.9/16

-18.087+/-0.604 χ^2/NDF : 664.8/17

diff_bpm0l04Y_rms vs slug



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

Left Out: 2429.959+/-0.911 χ^2/NDF :294140.0/6

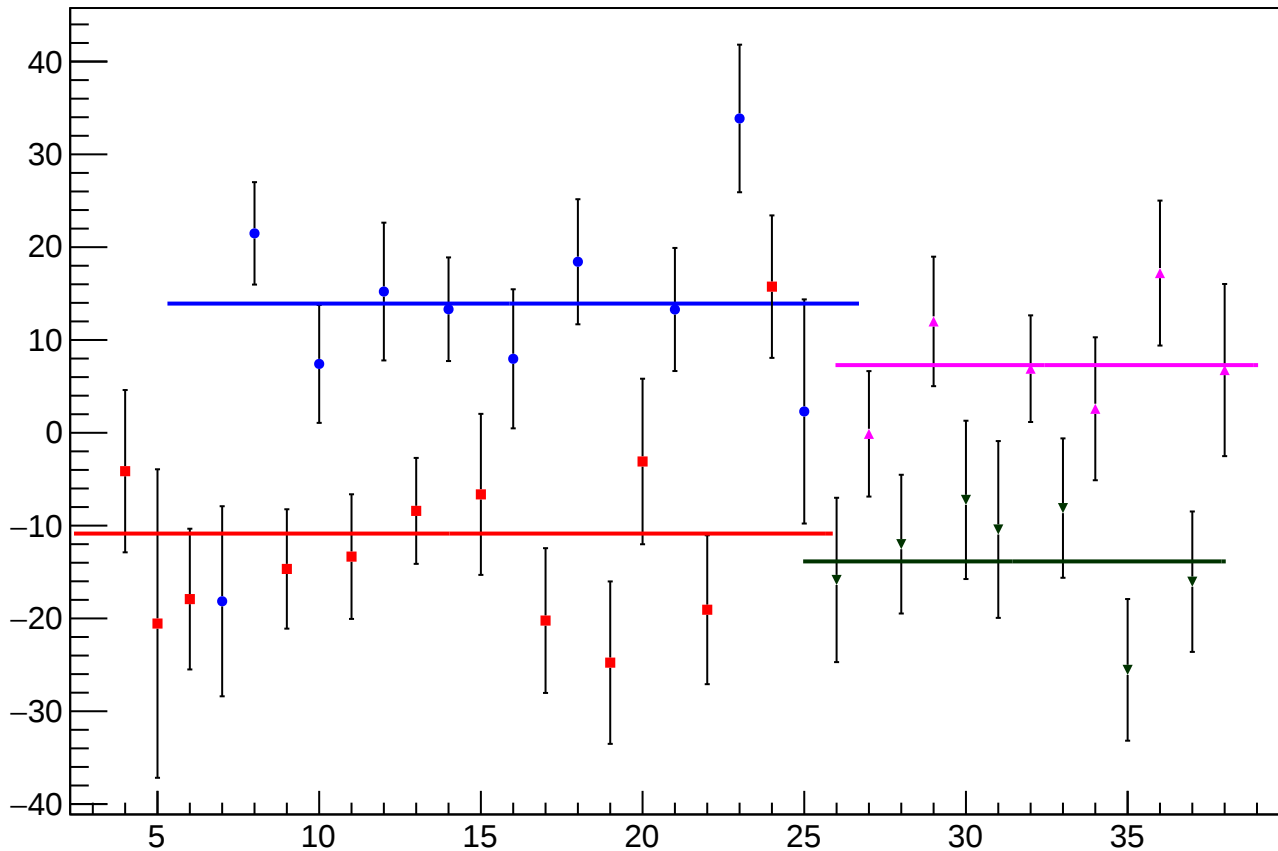
Right Out: 1739.740+/-0.487 χ^2/NDF : 22147.7/11

Left In: 2480.437+/-0.888 χ^2/NDF :404193.7/5

1836.848+/-0.417 χ^2/NDF : 914271.4/16

1910.826+/-0.427 χ^2/NDF : 961069.5/17

diff_bpm0l05X_mean vs slug



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

Left Out: -13.857 ± 3.046 $\chi^2/\text{NDF}: 3.9/6$

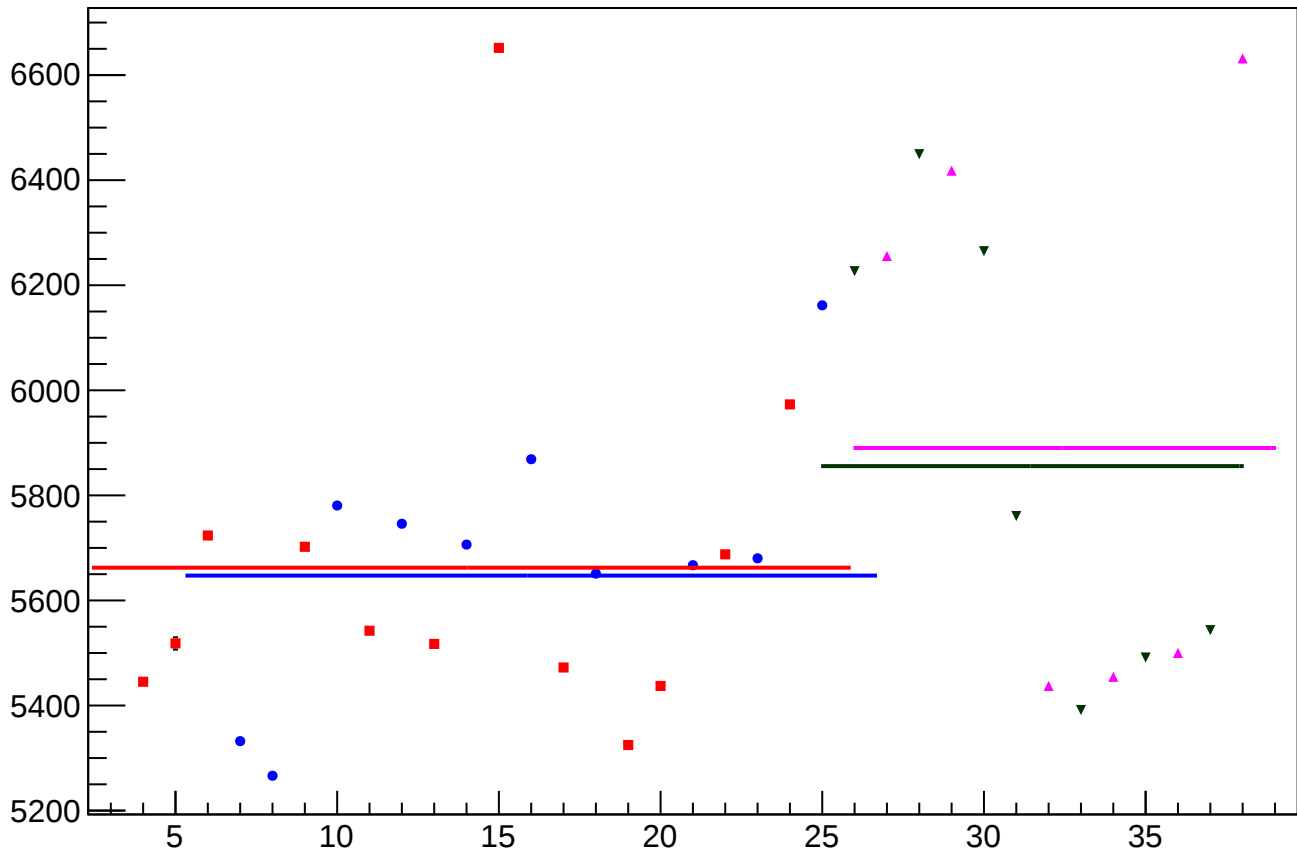
Right Out: -10.857 ± 2.241 $\chi^2/\text{NDF}: 20.5/11$

Left In: 7.294 ± 2.916 $\chi^2/\text{NDF}: 3.6/5$

4.276 ± 1.795 $\chi^2/\text{NDF}: 79.3/16$

-4.115 ± 1.777 $\chi^2/\text{NDF}: 48.5/17$

diff_bpm0l05X_rms vs slug



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

Left Out: 5855.680+/-2.154 χ^2/NDF : 36546.7/6

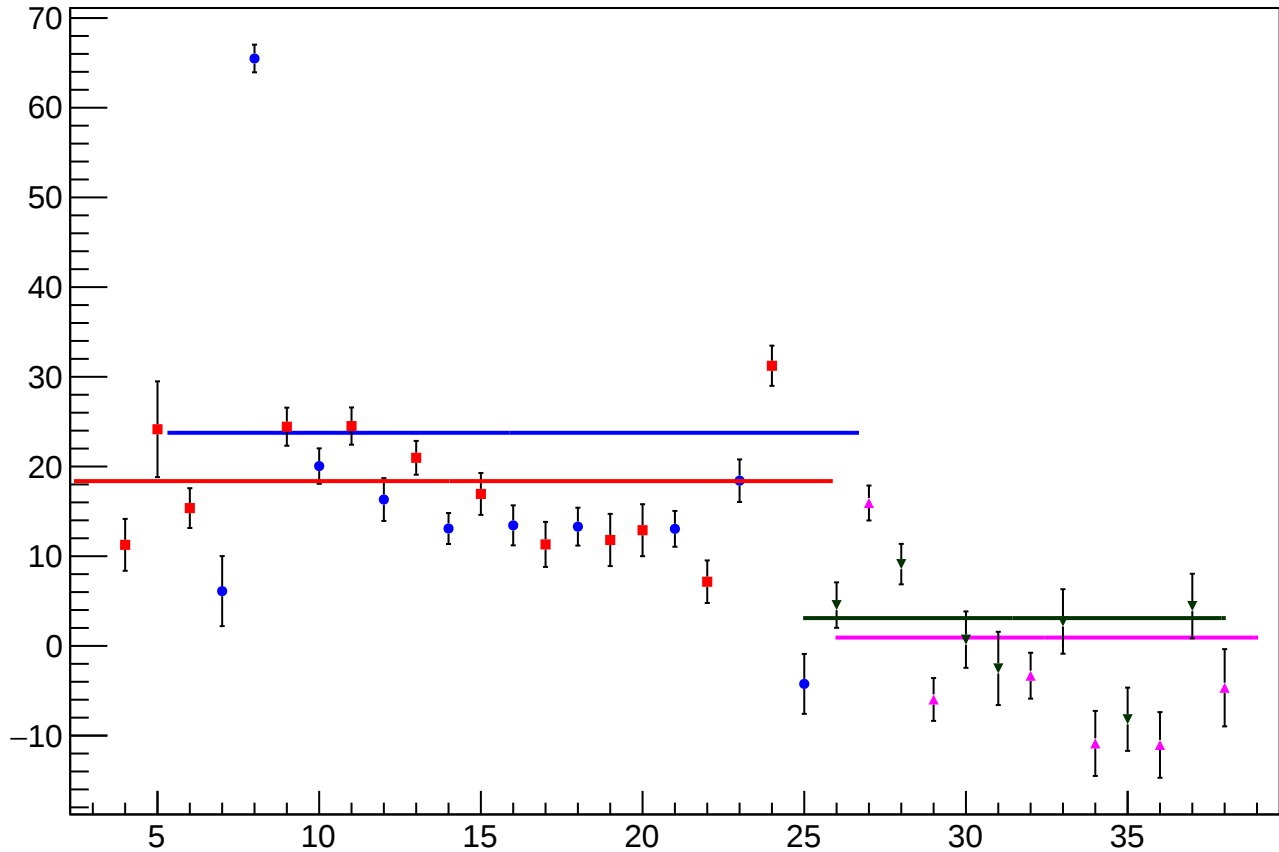
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 5890.269+/-2.062 χ^2/NDF : 53905.0/5

5719.668+/-1.269 χ^2/NDF : 60974.9/16

5747.027+/-1.257 χ^2/NDF : 99860.9/17

diff_bpm0l05Y_mean vs slug



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

Left Out: 3.100 $\pm$ 1.156 χ^2 /NDF: 20.3/6

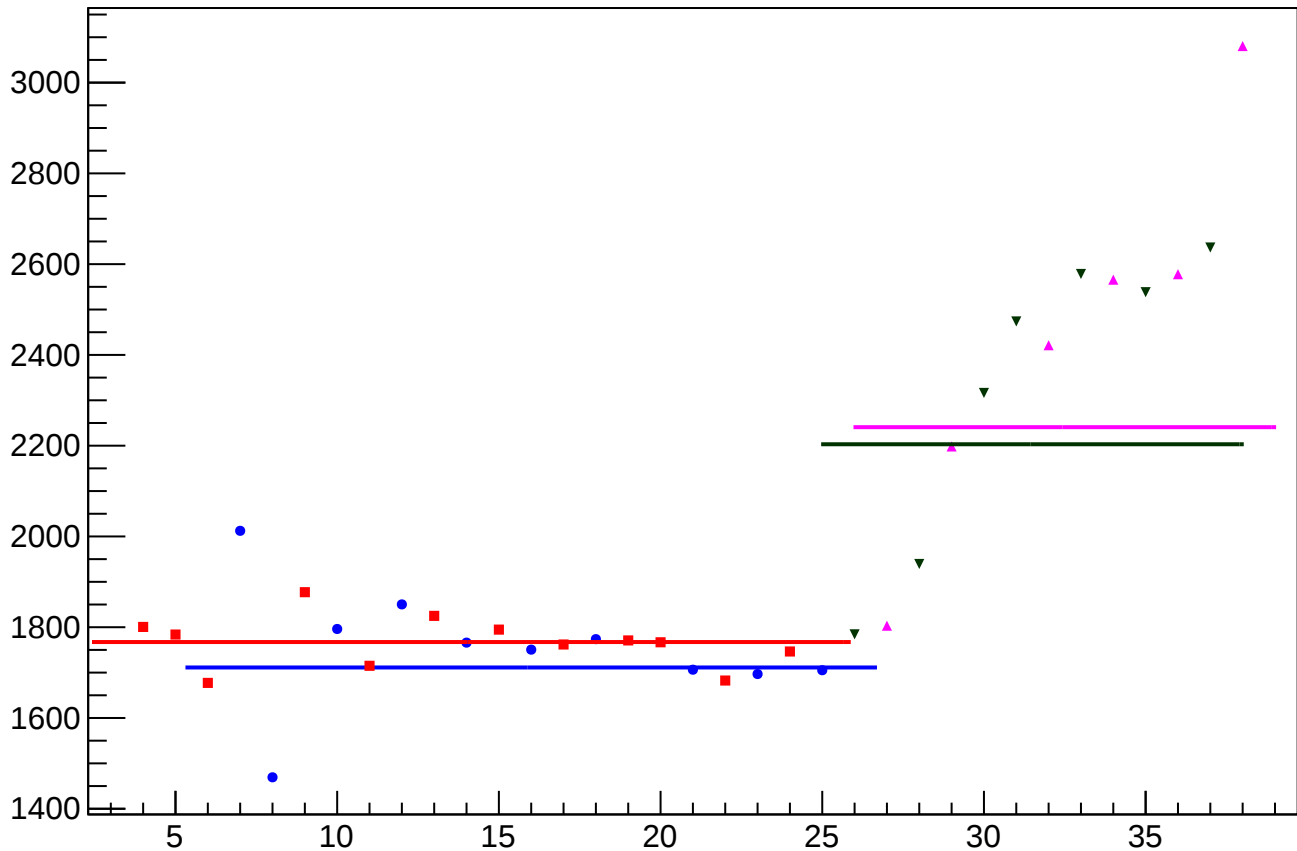
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: 0.928 $\pm$ 1.121 χ^2 /NDF: 93.4/5

18.510 $\pm$ 0.583 χ^2 /NDF: 1213.3/16

13.490 $\pm$ 0.593 χ^2 /NDF: 367.9/17

diff_bpm0l05Y_rms vs slug



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

Left Out: 2203.134+/-0.817 χ^2/NDF :162157.5/6

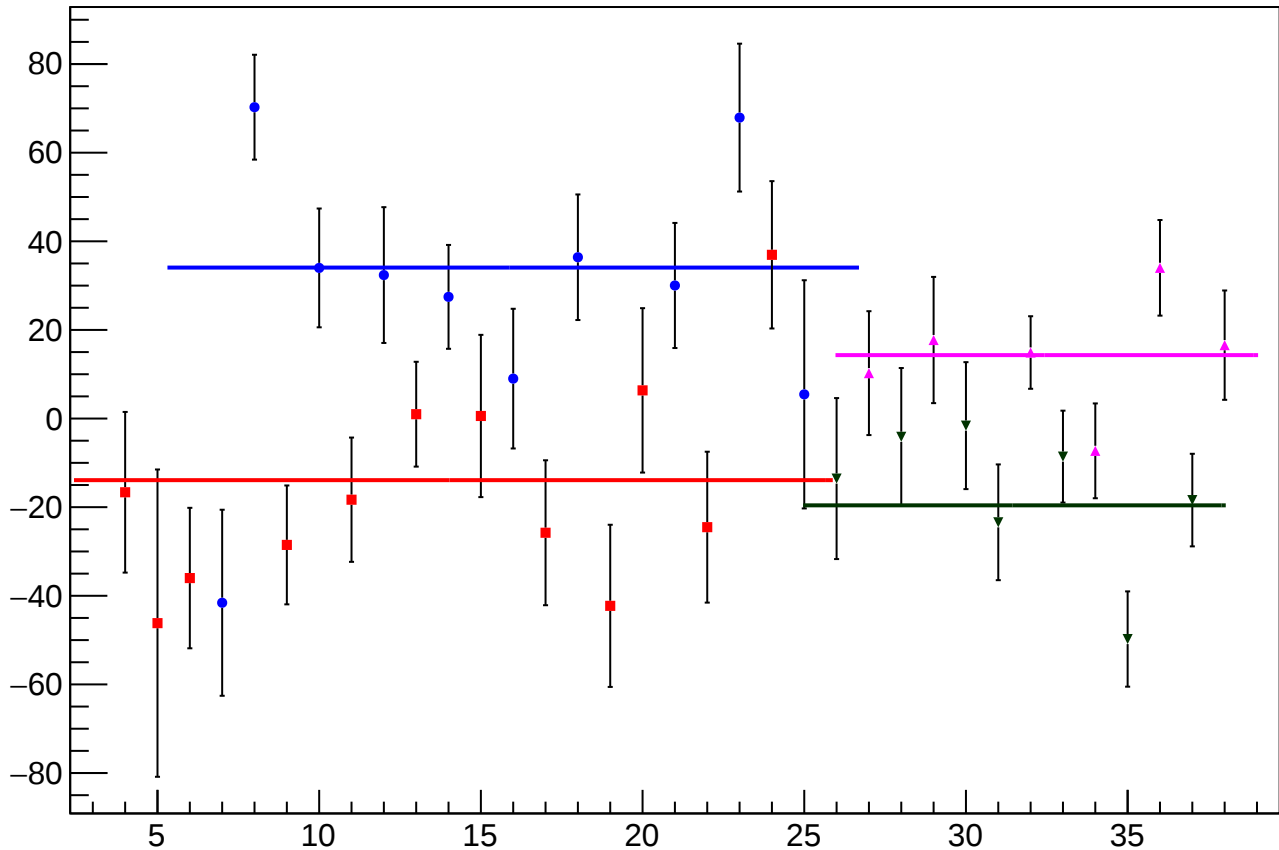
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

Left In: 2240.785+/-0.792 χ^2/NDF :220504.0/5

1836.256+/-0.412 χ^2/NDF : 508365.3/16

1899.861+/-0.419 χ^2/NDF : 492681.8/17

diff_bpm0l06X_mean vs slug



Right In: 34.072 ± 4.681 $\chi^2/\text{NDF}: 30.7/9$

Left Out: -19.588 ± 4.713 $\chi^2/\text{NDF}: 11.8/6$

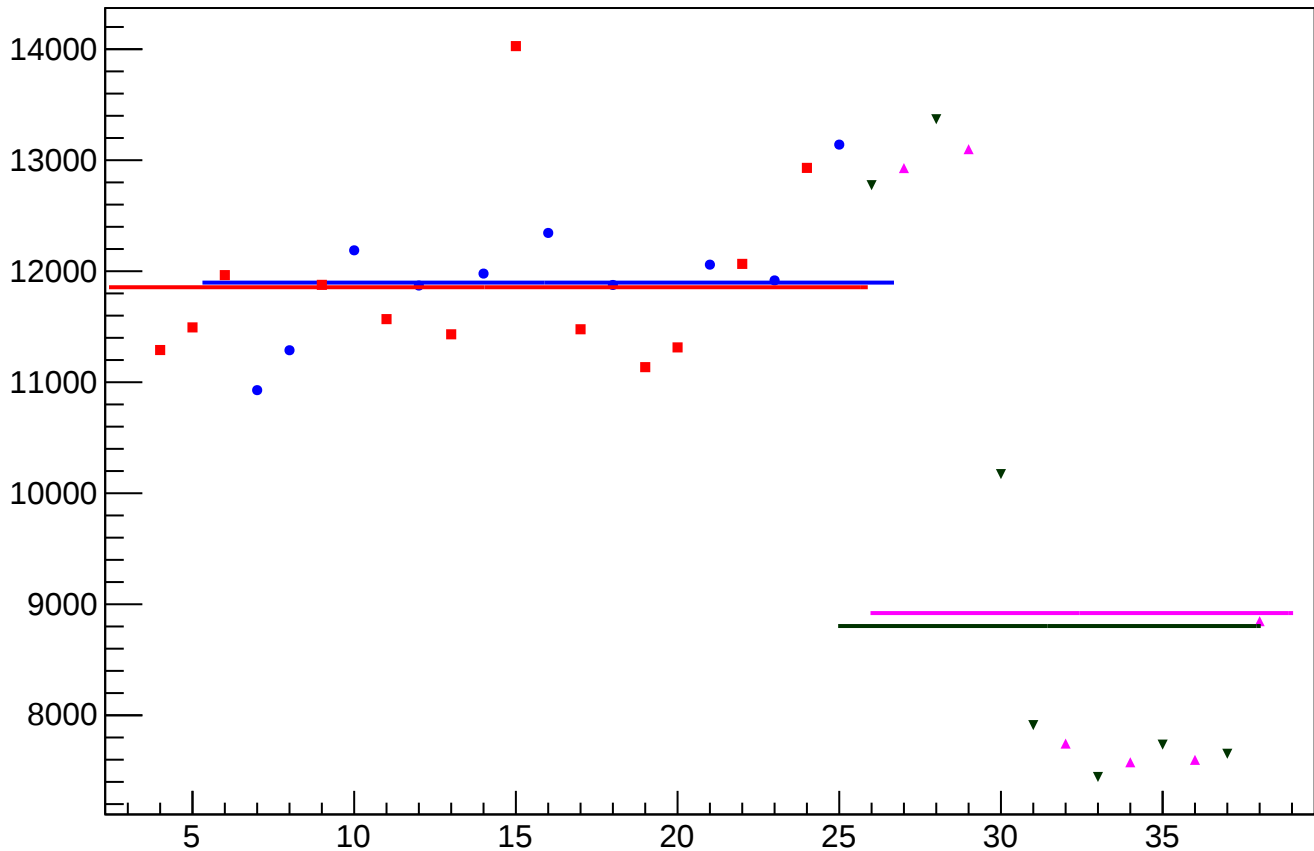
Right Out: -13.904 ± 4.697 $\chi^2/\text{NDF}: 20.2/11$

Left In: 14.315 ± 4.524 $\chi^2/\text{NDF}: 7.6/5$

7.423 ± 3.321 $\chi^2/\text{NDF}: 107.7/16$

0.736 ± 3.258 $\chi^2/\text{NDF}: 46.5/17$

diff_bpm0l06X_rms vs slug



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

Left Out: 8803.974+/-3.332 χ^2/NDF : 374573.8/6

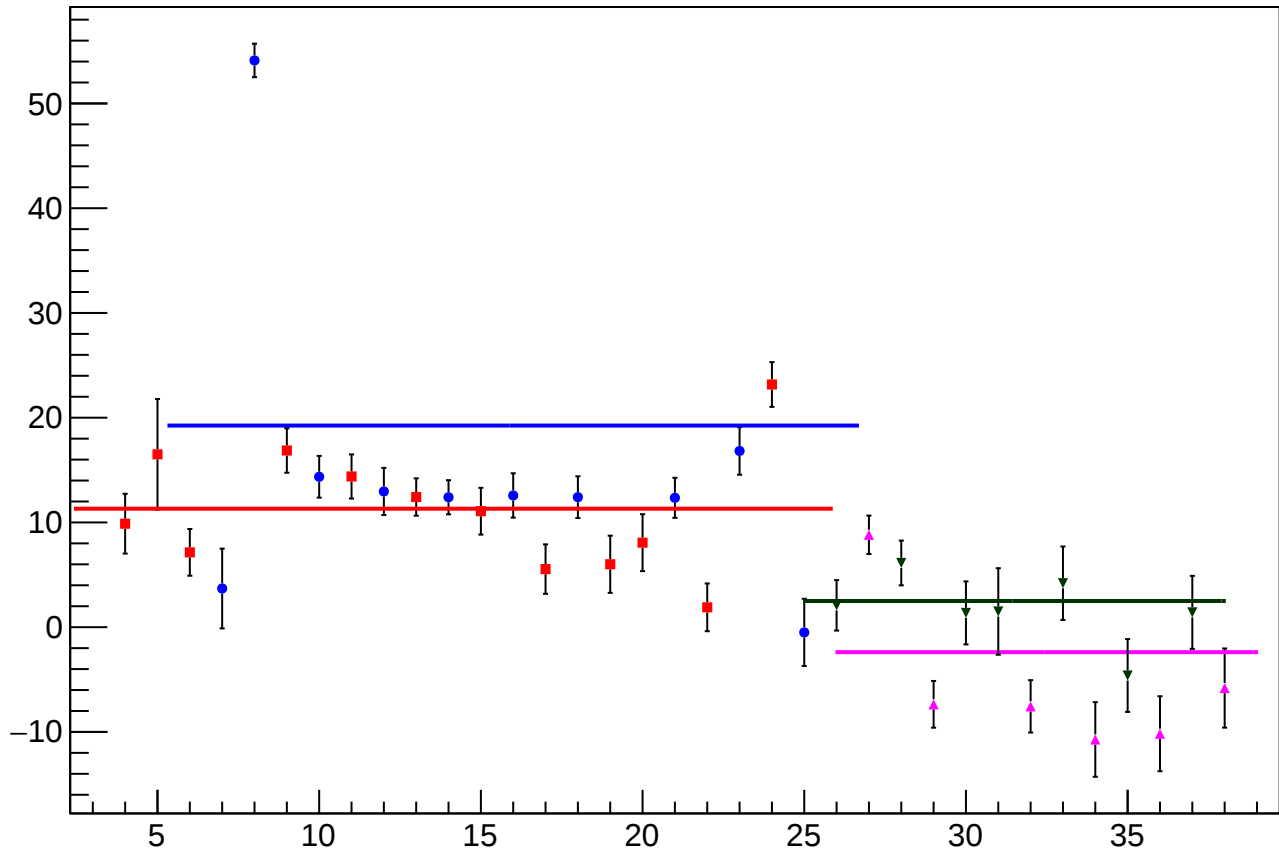
Right Out: 11855.642+/-3.322 χ^2/NDF : 48354.6/11

Left In: 8920.686+/-3.199 χ^2/NDF : 439437.4/5

10361.146+/-2.348 χ^2/NDF : 825474.2/16

10333.017+/-2.304 χ^2/NDF : 892856.3/17

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.501+/-1.113 χ^2/NDF : 7.6/6

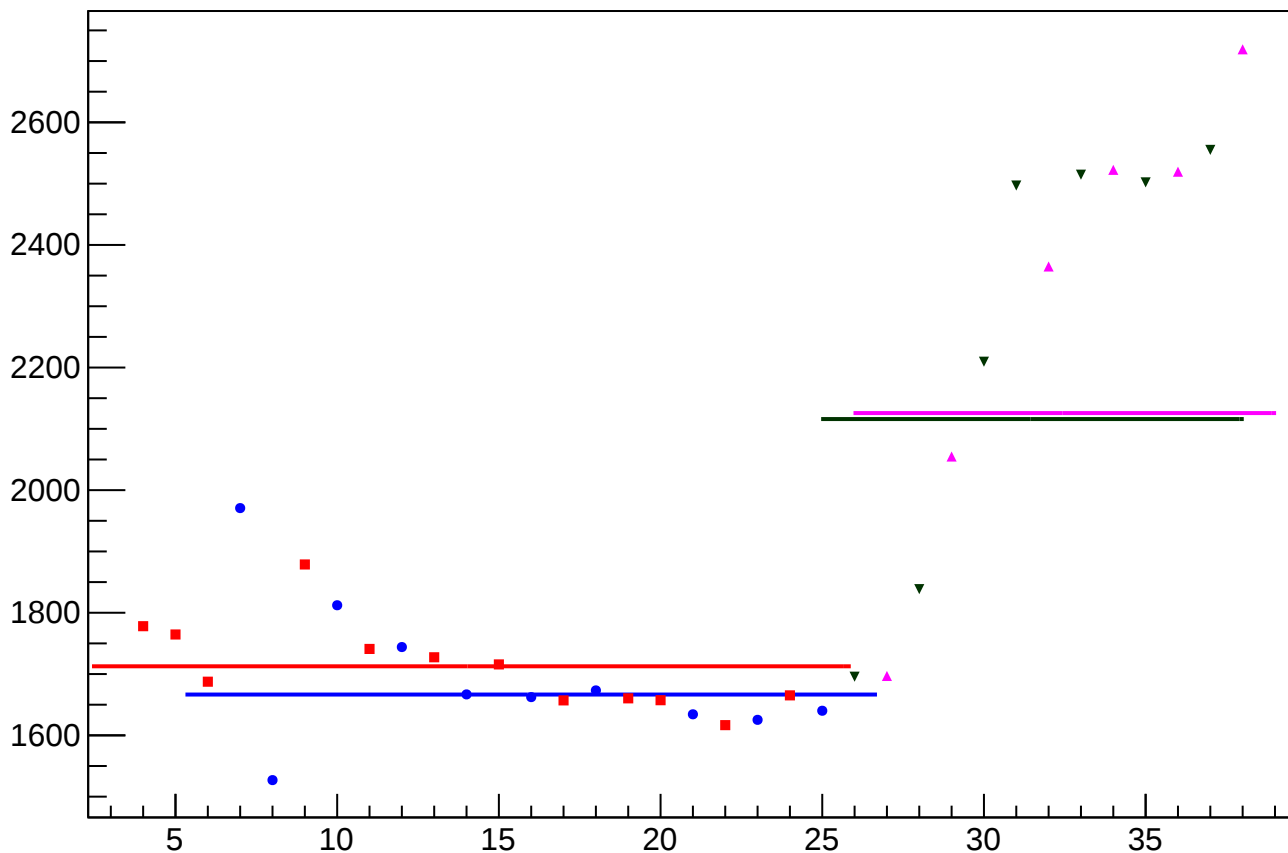
Right Out: 11.311+/-0.677 χ^2/NDF : 73.1/11

Left In: -2.384+/-1.063 χ^2/NDF : 57.7/5

14.934+/-0.565 χ^2/NDF : 772.0/16

7.357+/-0.571 χ^2/NDF : 249.0/17

diff_bpm0l06Y_rms vs slug



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

Left Out: 2115.975+/-0.787 χ^2/NDF :195816.1/6

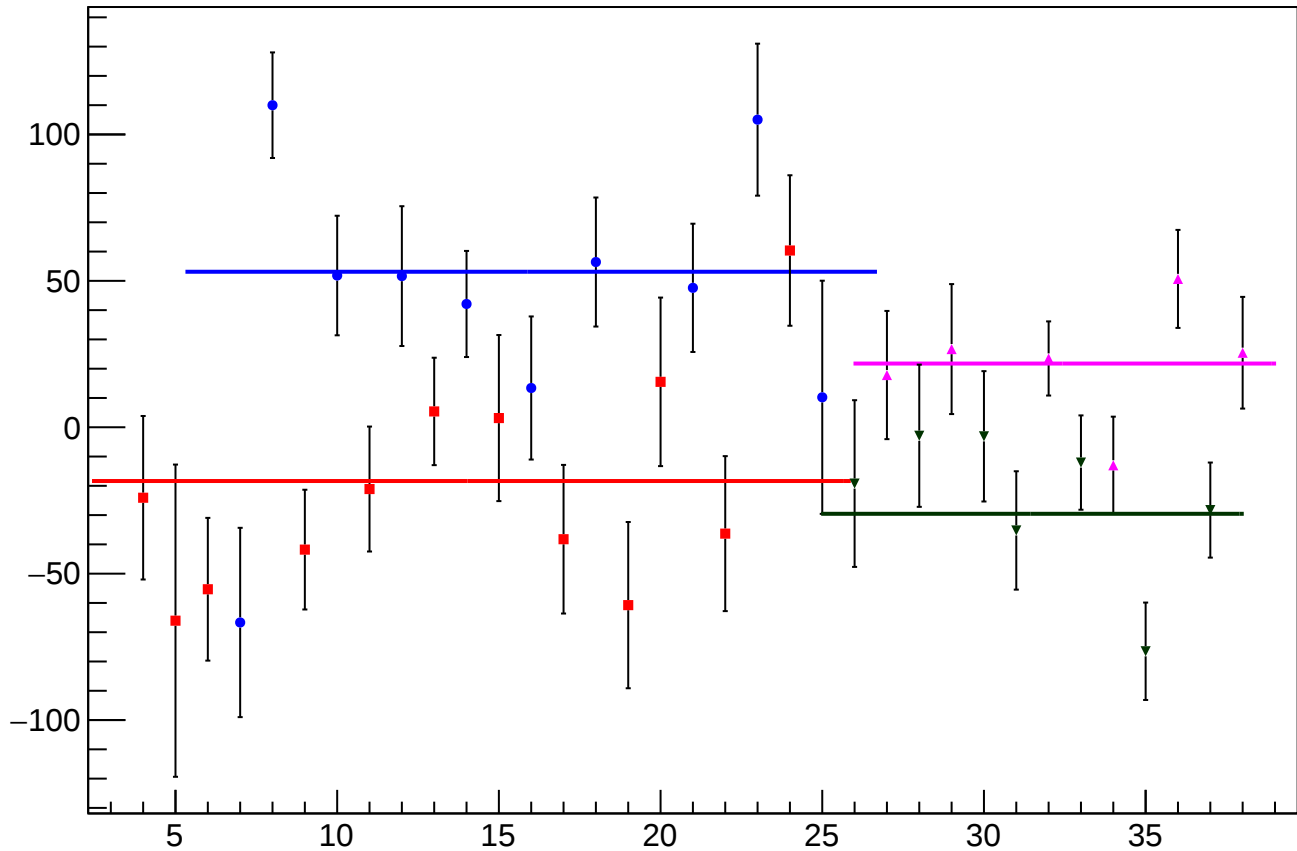
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

Left In: 2125.732+/-0.751 χ^2/NDF :228168.1/5

1782.361+/-0.400 χ^2/NDF : 480233.5/16

1831.900+/-0.404 χ^2/NDF : 464657.6/17

diff_bpm0l07X_mean vs slug



Right In: 53.110 $\pm$ 7.223 χ^2 /NDF: 31.9/9

Left Out: -29.556 $\pm$ 7.321 χ^2 /NDF: 12.0/6

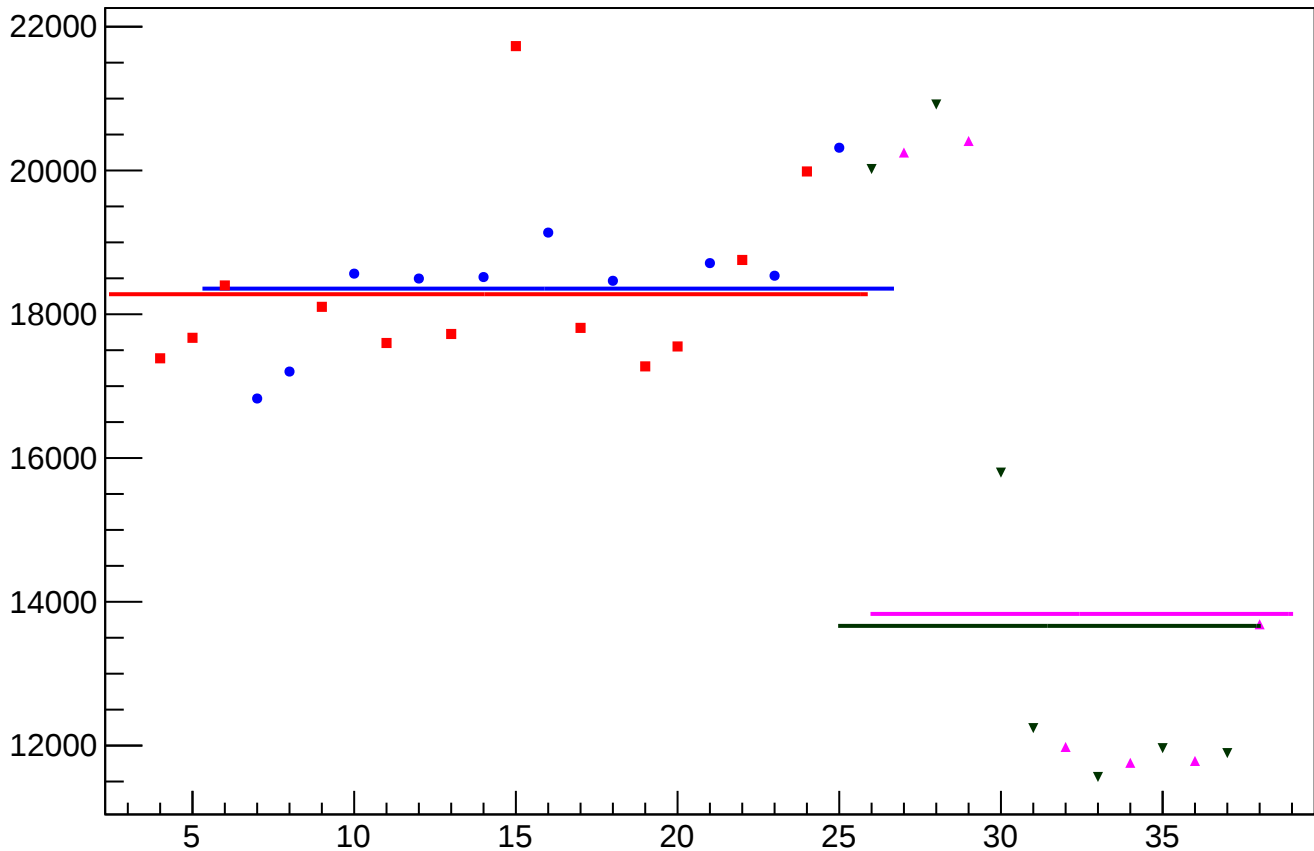
Right Out: -18.361 $\pm$ 7.243 χ^2 /NDF: 20.8/11

Left In: 21.759 $\pm$ 7.019 χ^2 /NDF: 7.5/5

12.332 $\pm$ 5.142 χ^2 /NDF: 108.5/16

2.327 $\pm$ 5.041 χ^2 /NDF: 44.1/17

diff_bpm0l07X_rms vs slug



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

Left Out: 13665.030+/-5.177 χ^2/NDF : 385082.1/6

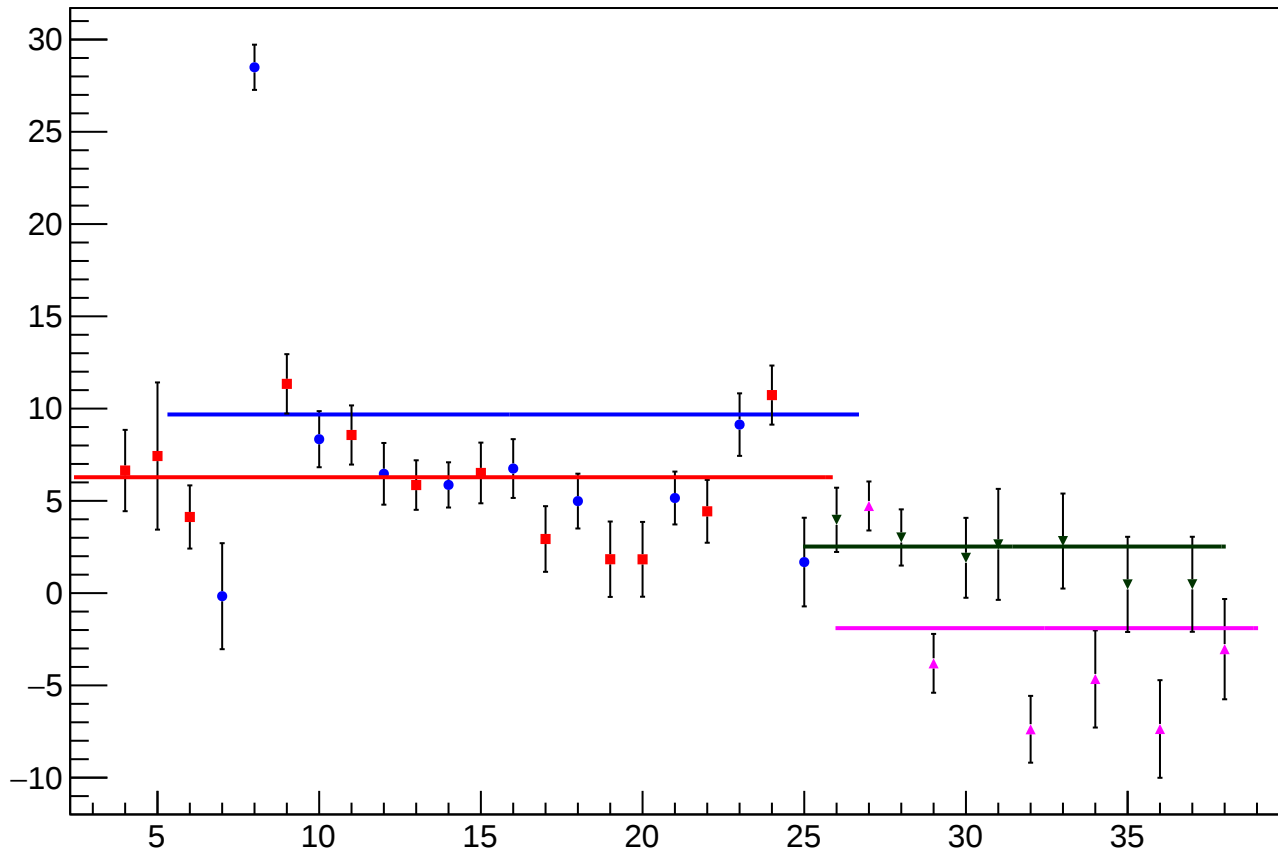
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 13831.455+/-4.963 χ^2/NDF : 451404.5/5

16042.263+/-3.636 χ^2/NDF : 821892.6/16

15985.571+/-3.564 χ^2/NDF : 890160.1/17

diff_bpm0l07Y_mean vs slug



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

Left Out: 2.524 ± 0.807 χ^2/NDF : 2.2/6

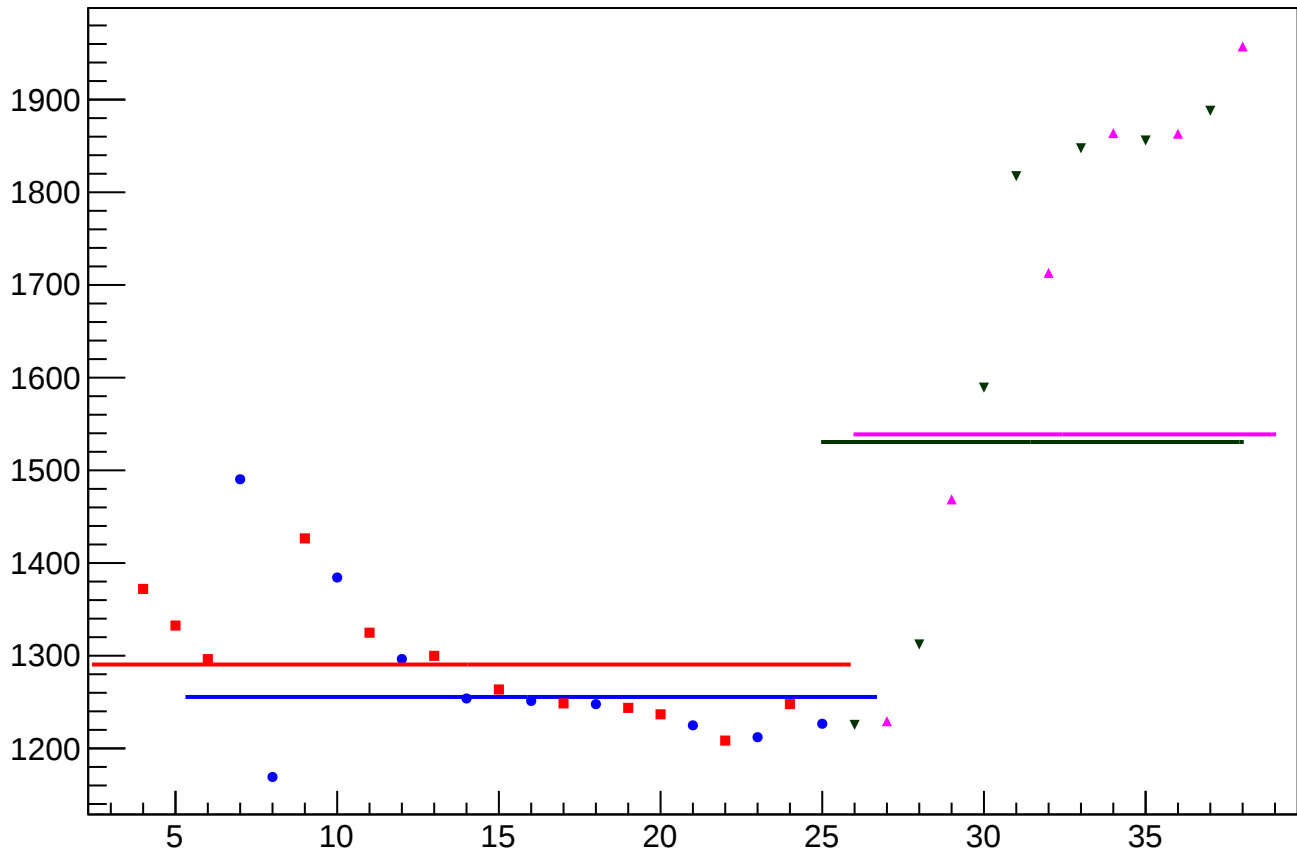
Right Out: 6.280 ± 0.510 χ^2/NDF : 35.7/11

Left In: -1.898 ± 0.770 χ^2/NDF : 41.0/5

7.730 ± 0.421 χ^2/NDF : 355.7/16

3.784 ± 0.425 χ^2/NDF : 155.2/17

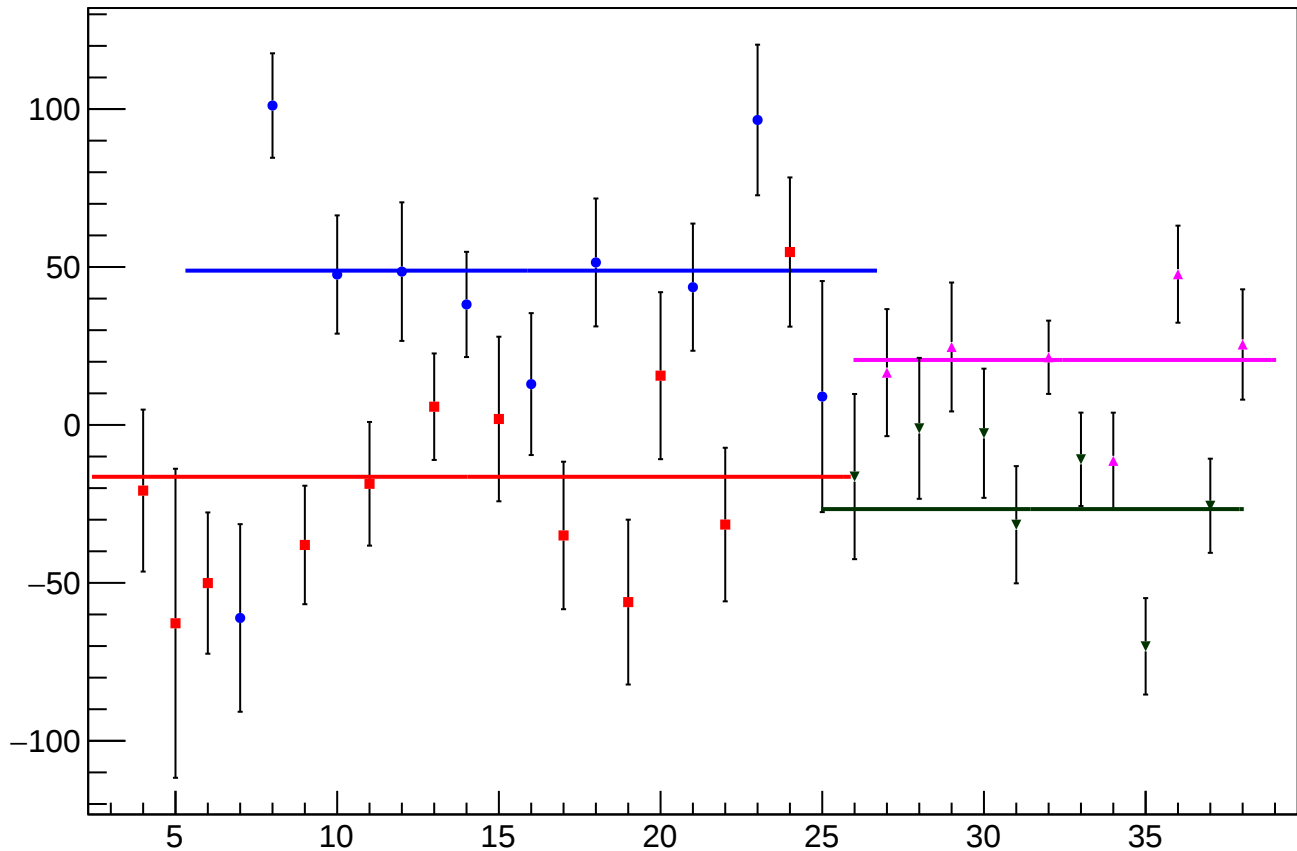
diff_bpm0l07Y_rms vs slug



Right In: 1255.503+/-0.349 χ^2/NDF : 41466.5/9
 Left Out: 1530.591+/-0.570 χ^2/NDF : 222901.8/6
 Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11
 Left In: 1538.827+/-0.544 χ^2/NDF : 239098.3/5

1330.506+/-0.298 χ^2/NDF : 433550.0/16
 1366.307+/-0.301 χ^2/NDF : 412248.6/17

diff_bpm0l08X_mean vs slug



Right In: 48.850 ± 6.634 χ^2/NDF : 31.9/9

Left Out: -26.642 ± 6.721 χ^2/NDF : 12.2/6

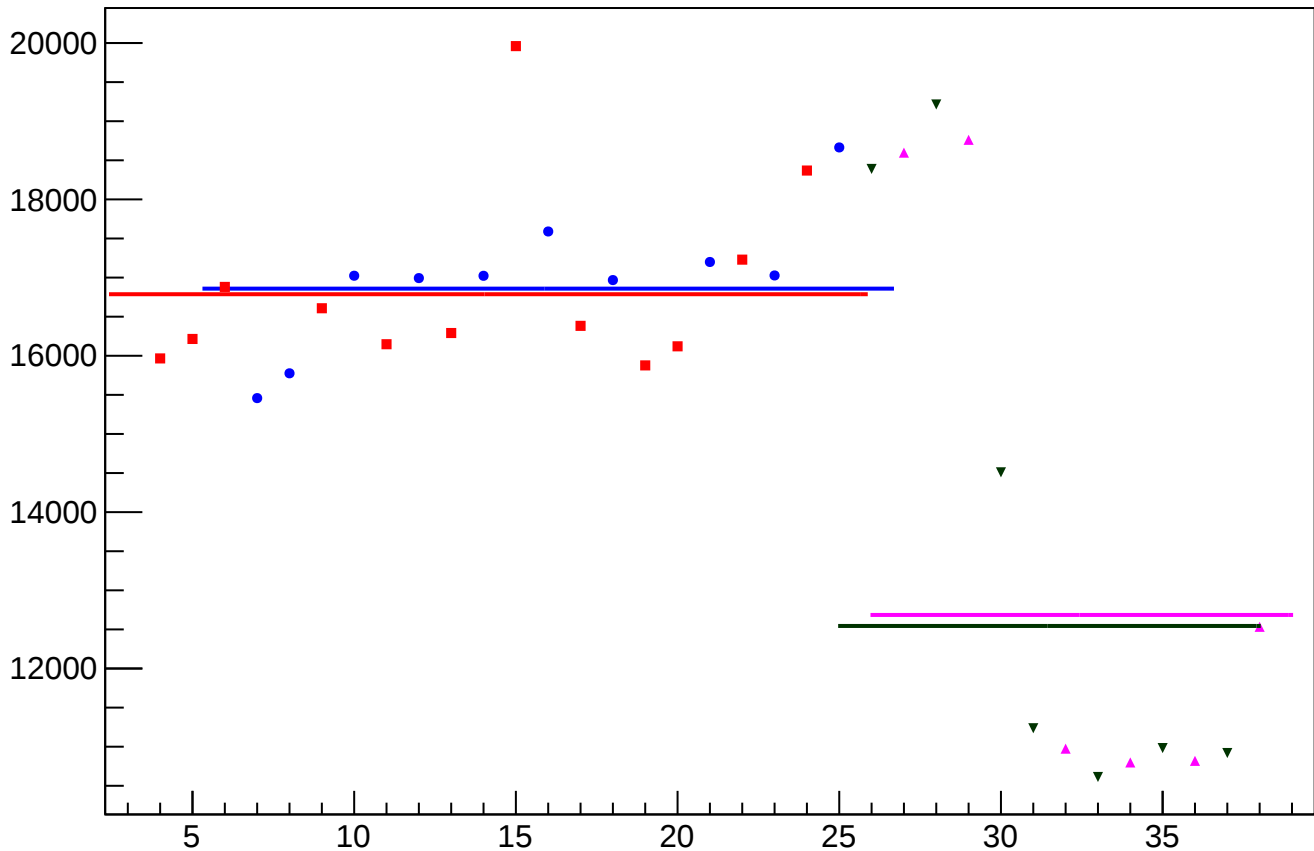
Right Out: -16.413 ± 6.651 χ^2/NDF : 20.6/11

Left In: 20.572 ± 6.439 χ^2/NDF : 7.7/5

11.597 ± 4.721 χ^2/NDF : 108.0/16

2.681 ± 4.626 χ^2/NDF : 44.3/17

diff_bpm0l08X_rms vs slug



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

Left Out: 12544.247+/-4.753 χ^2/NDF : 386030.8/6

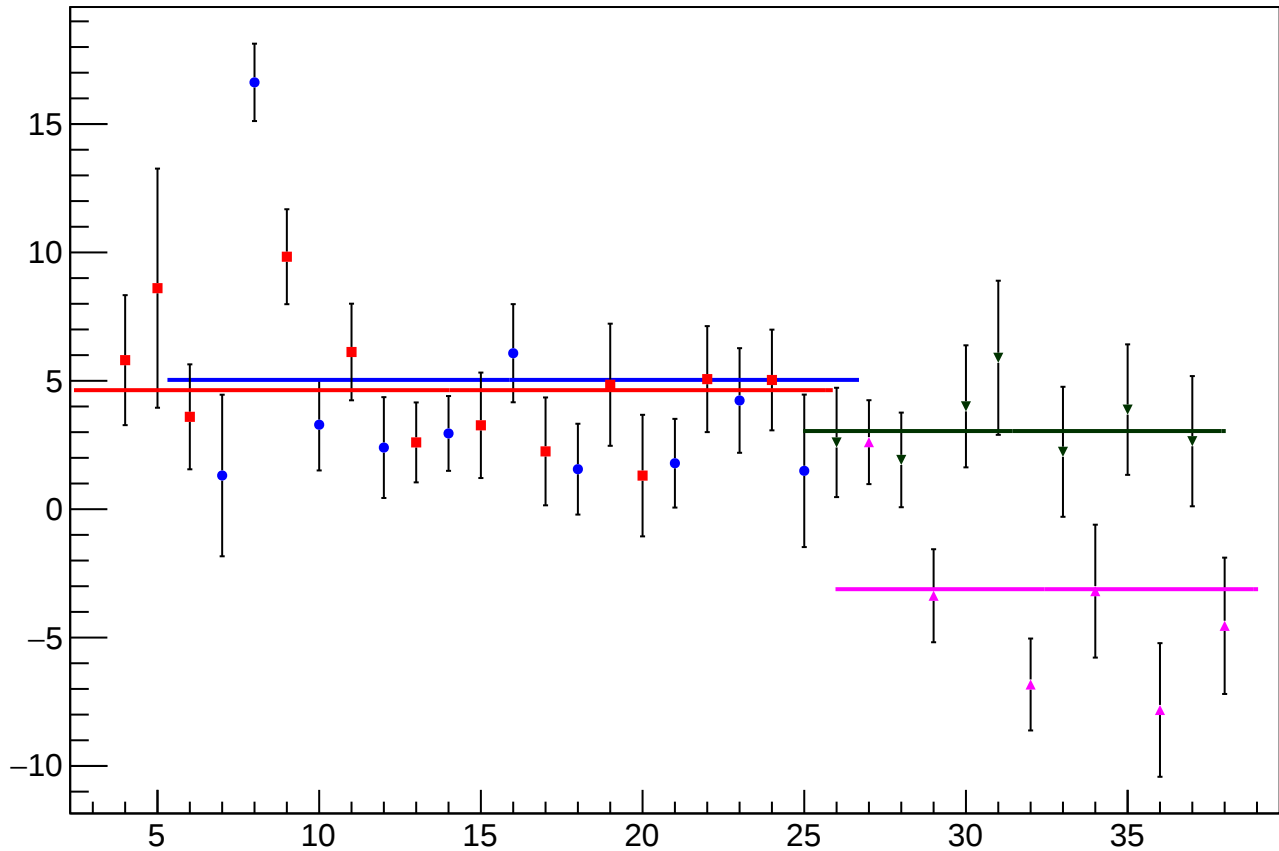
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

Left In: 12685.065+/-4.553 χ^2/NDF : 454122.0/5

14729.585+/-3.339 χ^2/NDF : 824625.6/16

14669.421+/-3.271 χ^2/NDF : 896864.6/17

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.044 ± 0.888 χ^2/NDF : 1.7/6

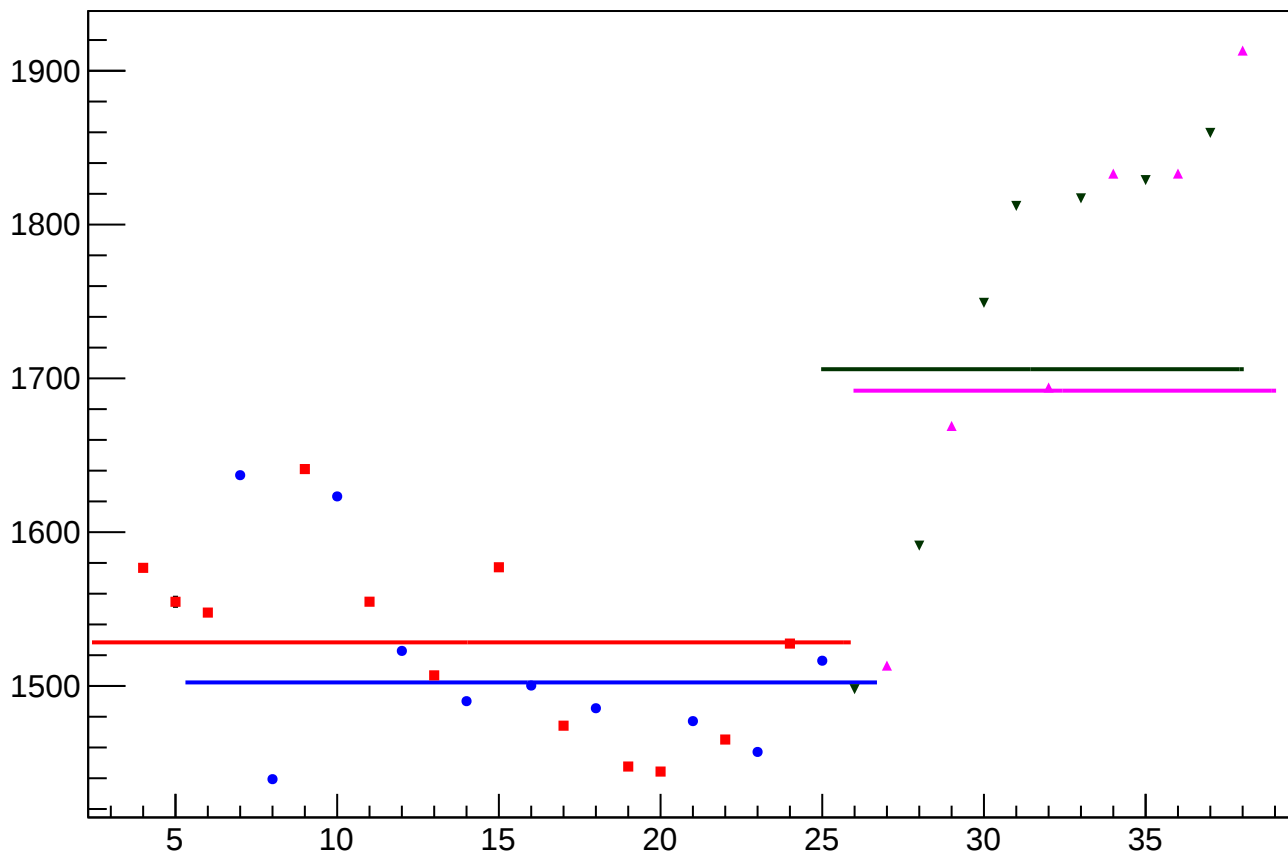
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -3.115 ± 0.836 χ^2/NDF : 20.2/5

4.425 ± 0.491 χ^2/NDF : 79.8/16

1.980 ± 0.490 χ^2/NDF : 91.9/17

diff_bpm0l08Y_rms vs slug



Right In: 1502.304 ± 0.417 $\chi^2/\text{NDF}: 18372.8/9$

Left Out: 1705.962 ± 0.628 $\chi^2/\text{NDF}: 45890.8/6$

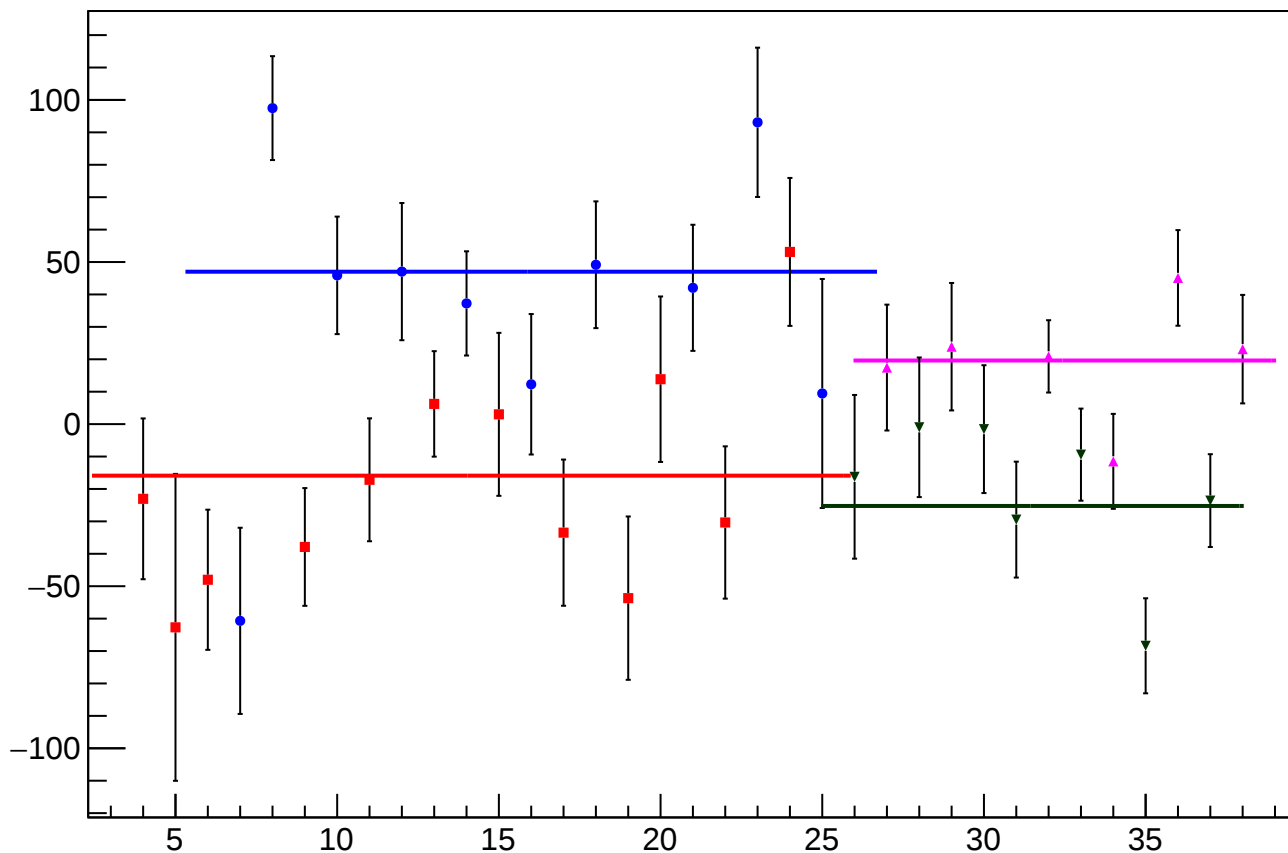
Right Out: 1528.347 ± 0.427 $\chi^2/\text{NDF}: 18336.6/11$

Left In: 1692.006 ± 0.591 $\chi^2/\text{NDF}: 49967.1/5$

1564.759 ± 0.348 $\chi^2/\text{NDF}: 137282.1/16$

1584.432 ± 0.346 $\chi^2/\text{NDF}: 118660.4/17$

diff_bpm0l09X_mean vs slug



Right In: 47.015 ± 6.411 $\chi^2/\text{NDF}: 32.1/9$

Left Out: -25.246 ± 6.466 $\chi^2/\text{NDF}: 12.8/6$

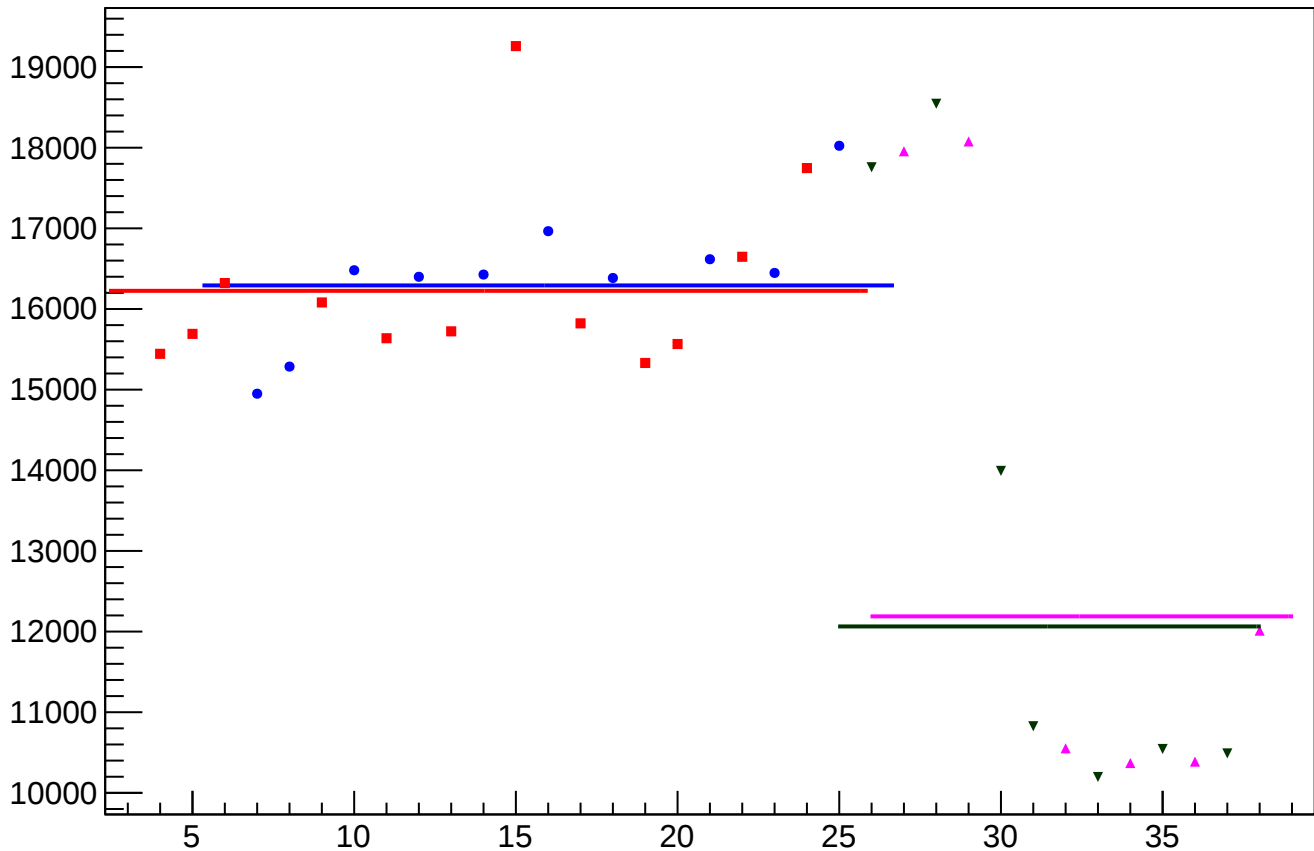
Right Out: -15.898 ± 6.429 $\chi^2/\text{NDF}: 20.9/11$

Left In: 19.624 ± 6.189 $\chi^2/\text{NDF}: 7.6/5$

11.196 ± 4.553 $\chi^2/\text{NDF}: 107.9/16$

2.539 ± 4.458 $\chi^2/\text{NDF}: 44.4/17$

diff_bpm0l09X_rms vs slug



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

Left Out: 12063.569+/-4.572 χ^2/NDF : 391905.8/6

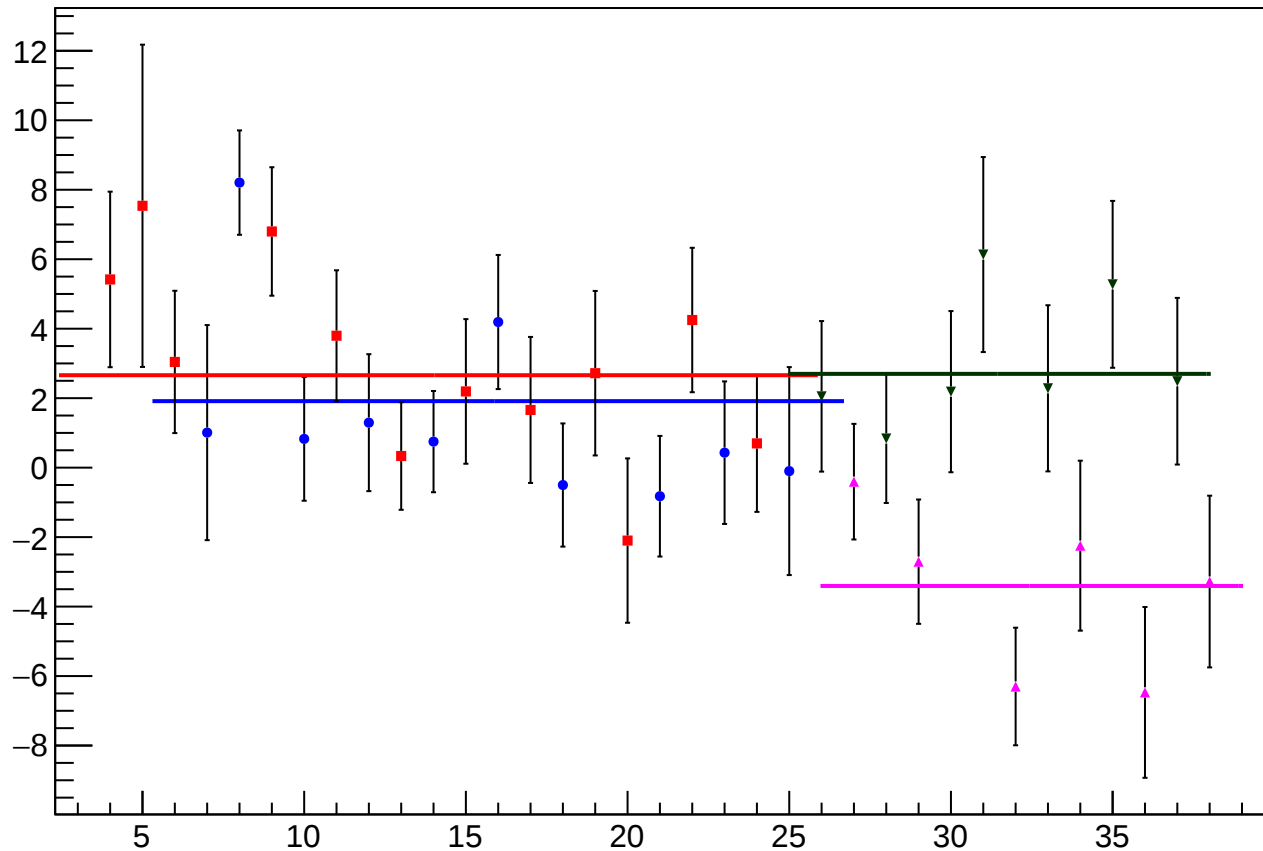
Right Out: 16225.365+/-4.546 χ^2/NDF : 49424.2/11

Left In: 12188.569+/-4.376 χ^2/NDF : 459934.8/5

14196.123+/-3.219 χ^2/NDF : 843332.4/16

14130.236+/-3.153 χ^2/NDF : 918655.5/17

diff_bpm0l09Y_mean vs slug



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

Left Out: 2.700 ± 0.865 $\chi^2/\text{NDF}: 3.8/6$

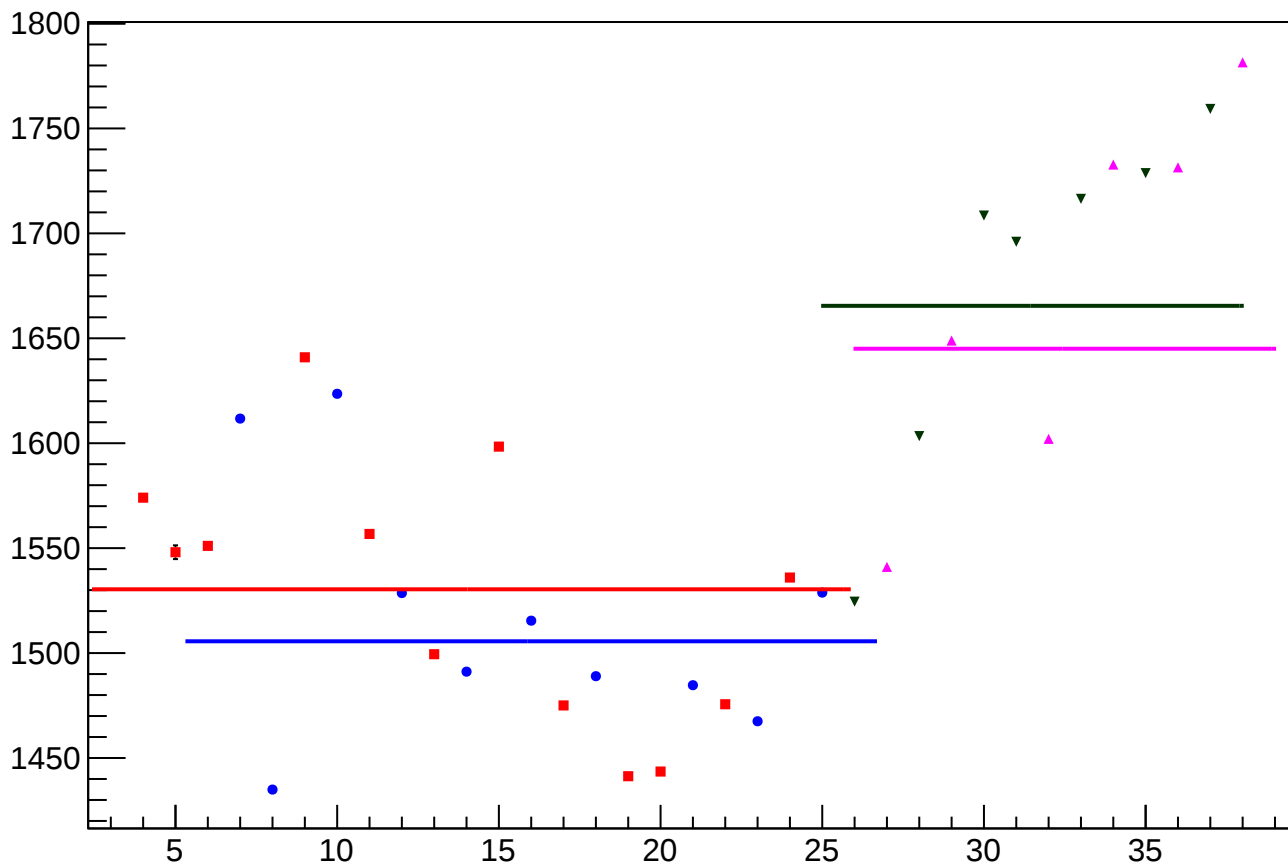
Right Out: 2.661 ± 0.605 $\chi^2/\text{NDF}: 15.9/11$

Left In: -3.406 ± 0.811 $\chi^2/\text{NDF}: 8.1/5$

2.165 ± 0.488 $\chi^2/\text{NDF}: 29.8/16$

0.495 ± 0.485 $\chi^2/\text{NDF}: 59.9/17$

diff_bpm0l09Y_rms vs slug



Right In: 1505.616 $\pm$ 0.418 χ^2 /NDF: 17340.1/9

Left Out: 1665.469 $\pm$ 0.611 χ^2 /NDF:16981.6/6

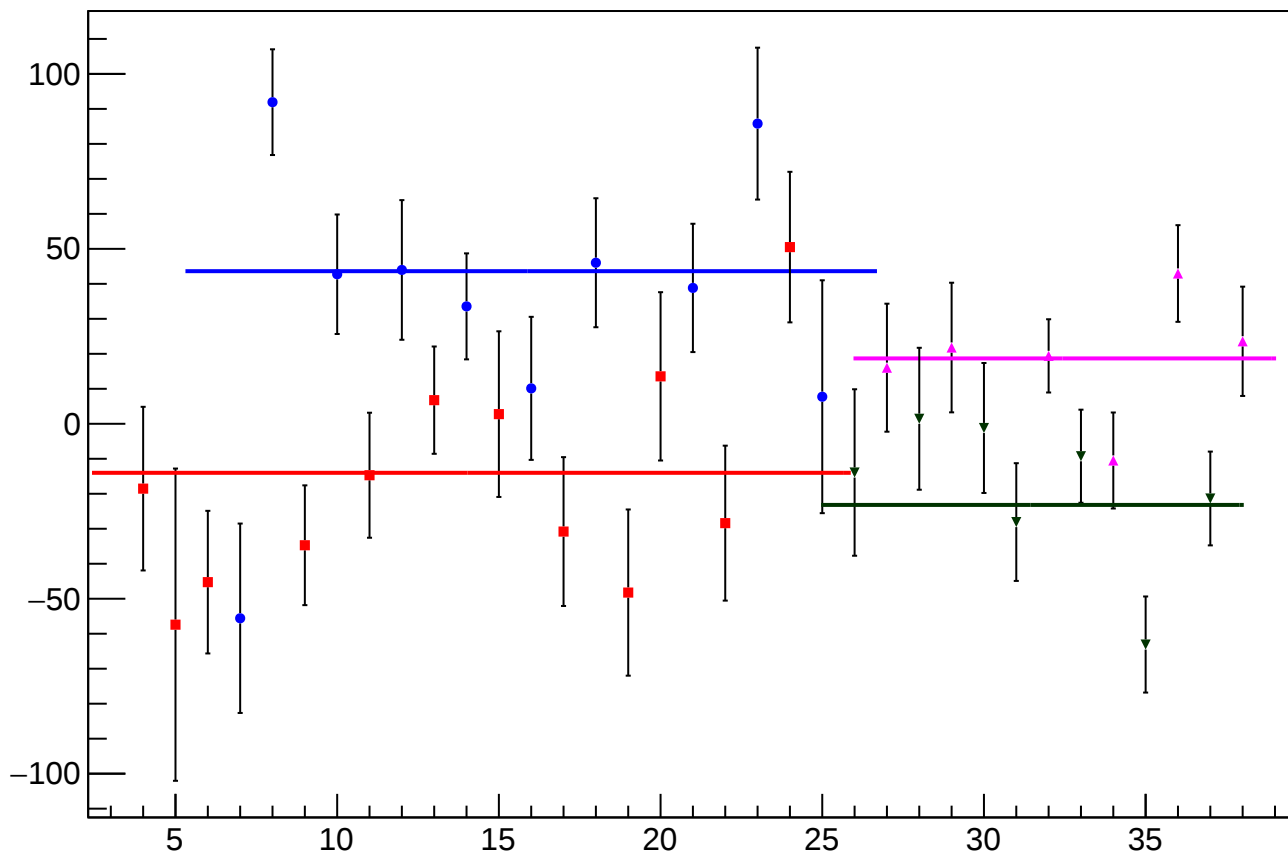
Right Out: 1530.389 $\pm$ 0.428 χ^2 /NDF: 19618.0/11

Left In: 1645.024 $\pm$ 0.574 χ^2 /NDF:20244.8/5

1556.589 $\pm$ 0.345 χ^2 /NDF: 80892.2/16

1571.314 $\pm$ 0.343 χ^2 /NDF: 65526.2/17

diff_bpm0l10X_mean vs slug



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

Left Out: -23.188 ± 6.069 $\chi^2/\text{NDF}: 12.7/6$

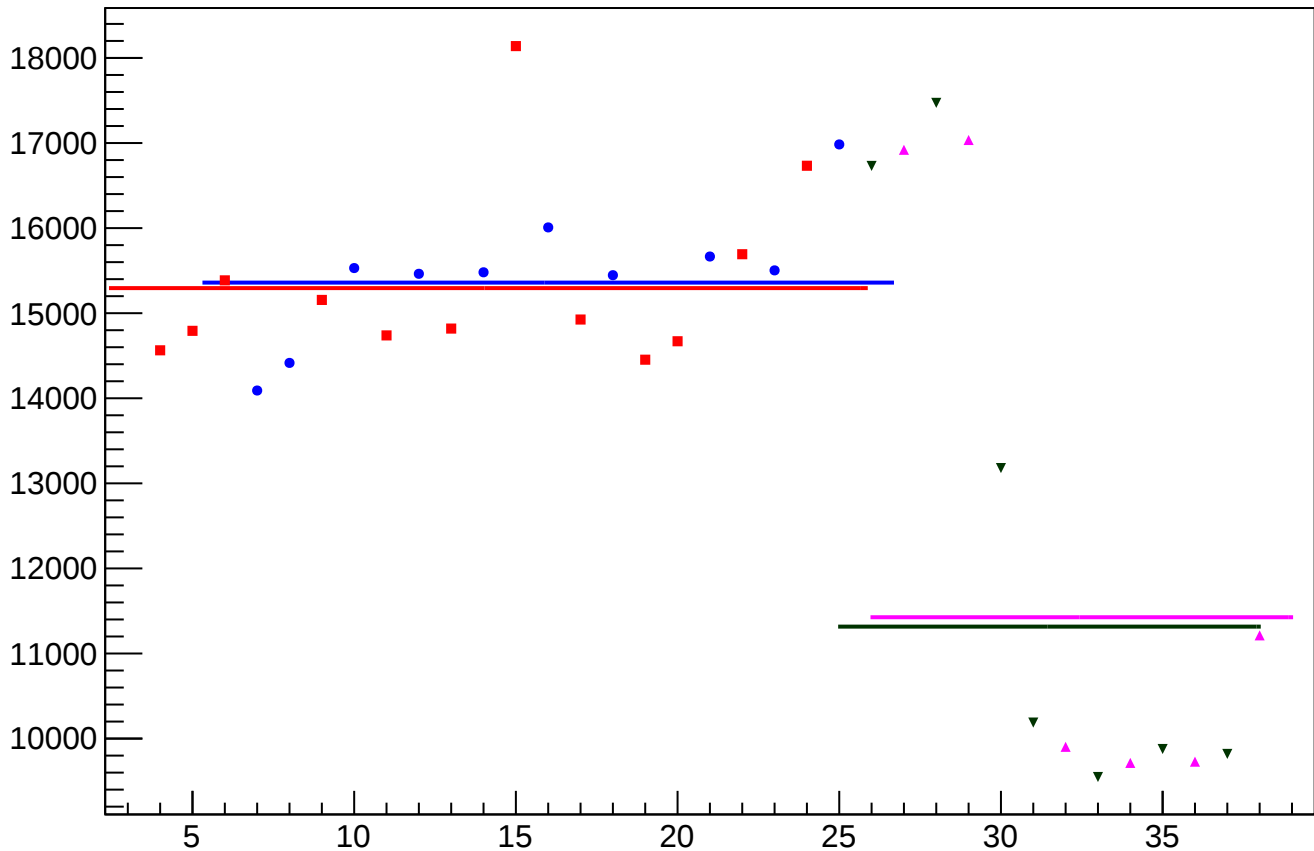
Right Out: -14.010 ± 6.060 $\chi^2/\text{NDF}: 20.6/11$

Left In: 18.683 ± 5.804 $\chi^2/\text{NDF}: 7.8/5$

10.355 ± 4.282 $\chi^2/\text{NDF}: 105.3/16$

3.040 ± 4.192 $\chi^2/\text{NDF}: 43.5/17$

diff_bpm0l10X_rms vs slug



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

Left Out: 11315.988 $\pm$ 4.291 χ^2 /NDF: 399151.2/6

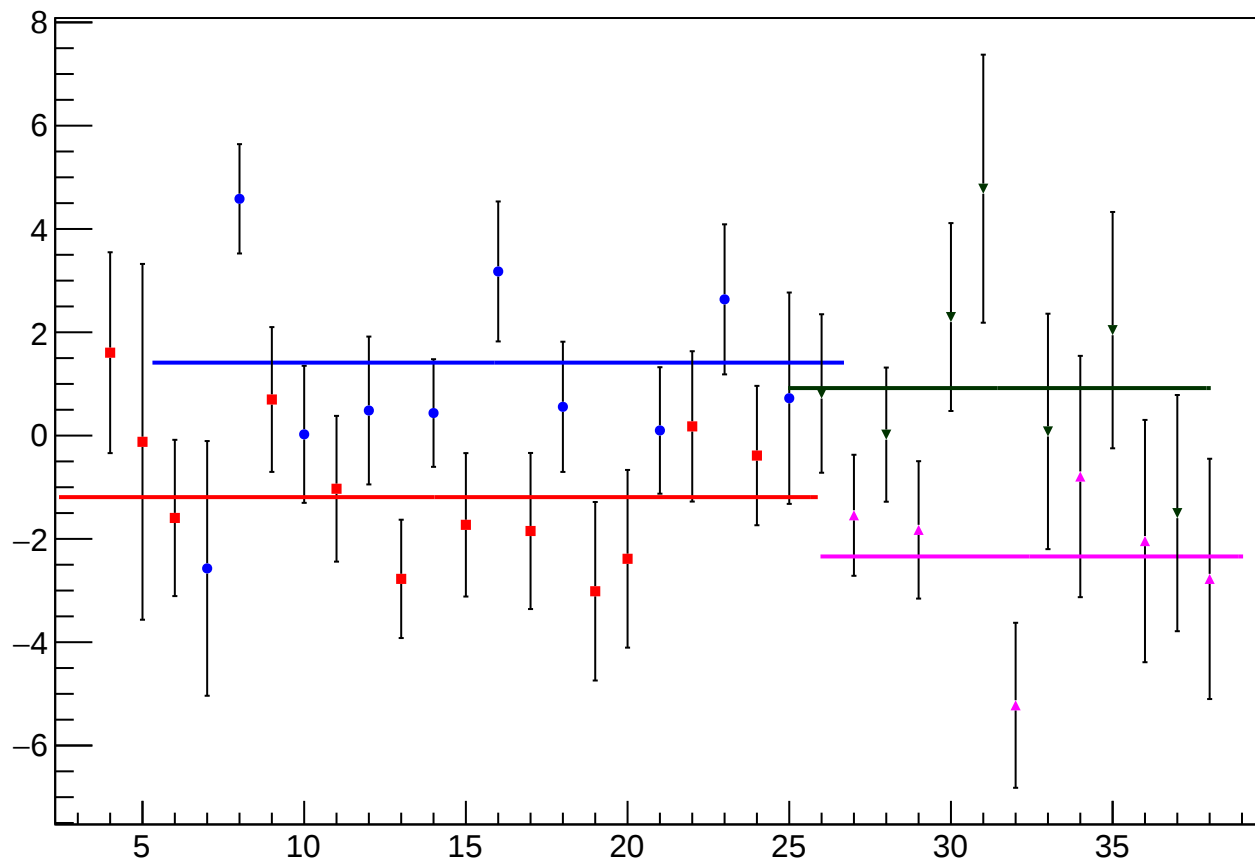
Right Out: 15294.772 $\pm$ 4.285 χ^2 /NDF: 49160.5/11

Left In: 11426.215 $\pm$ 4.104 χ^2 /NDF: 467849.2/5

13346.173 $\pm$ 3.028 χ^2 /NDF: 864966.5/16

13277.270 $\pm$ 2.964 χ^2 /NDF: 942095.3/17

diff_bpm0l10Y_mean vs slug



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

Left Out: 0.920 ± 0.700 χ^2/NDF : 4.8/6

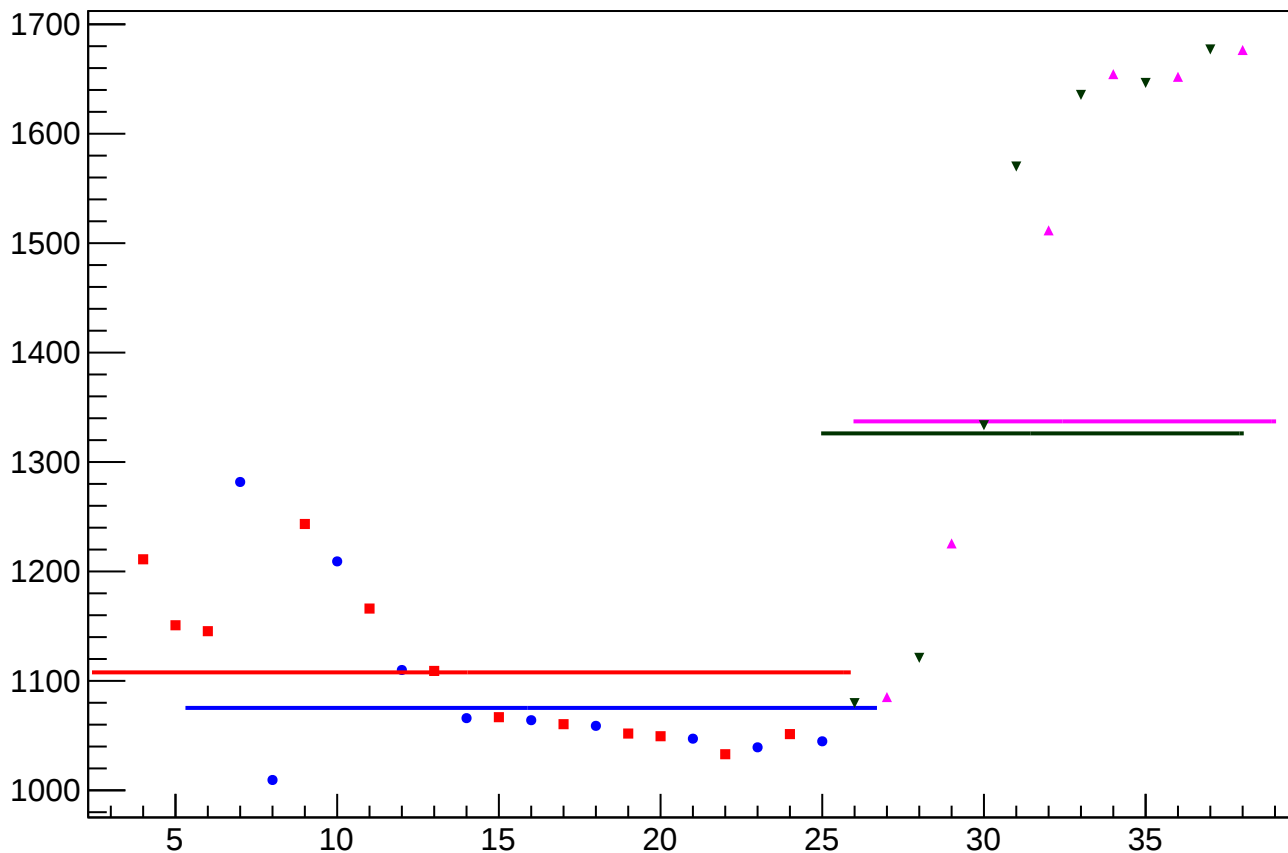
Right Out: -1.191 ± 0.438 χ^2/NDF : 9.1/11

Left In: -2.340 ± 0.669 χ^2/NDF : 4.4/5

1.280 ± 0.362 χ^2/NDF : 23.2/16

-1.536 ± 0.366 χ^2/NDF : 15.6/17

diff_bpm0l10Y_rms vs slug



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

Left Out: 1326.161 $\pm$ 0.495 χ^2 /NDF: 242333.9/6

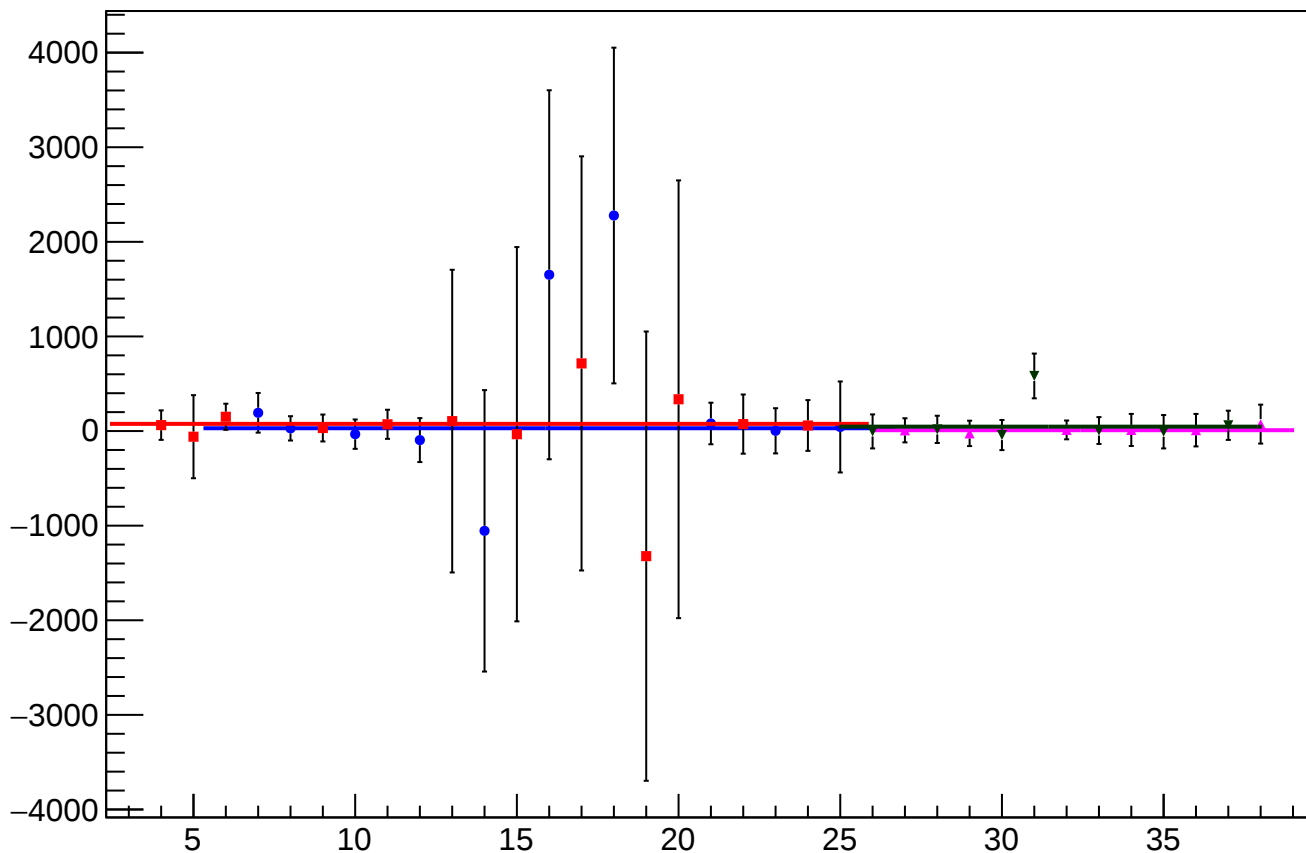
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

Left In: 1337.143 $\pm$ 0.473 χ^2 /NDF: 245963.7/5

1142.463 $\pm$ 0.256 χ^2 /NDF: 477333.4/16

1176.637 $\pm$ 0.259 χ^2 /NDF: 456786.8/17

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: 46.444+/-62.001 χ^2/NDF : 5.7/6

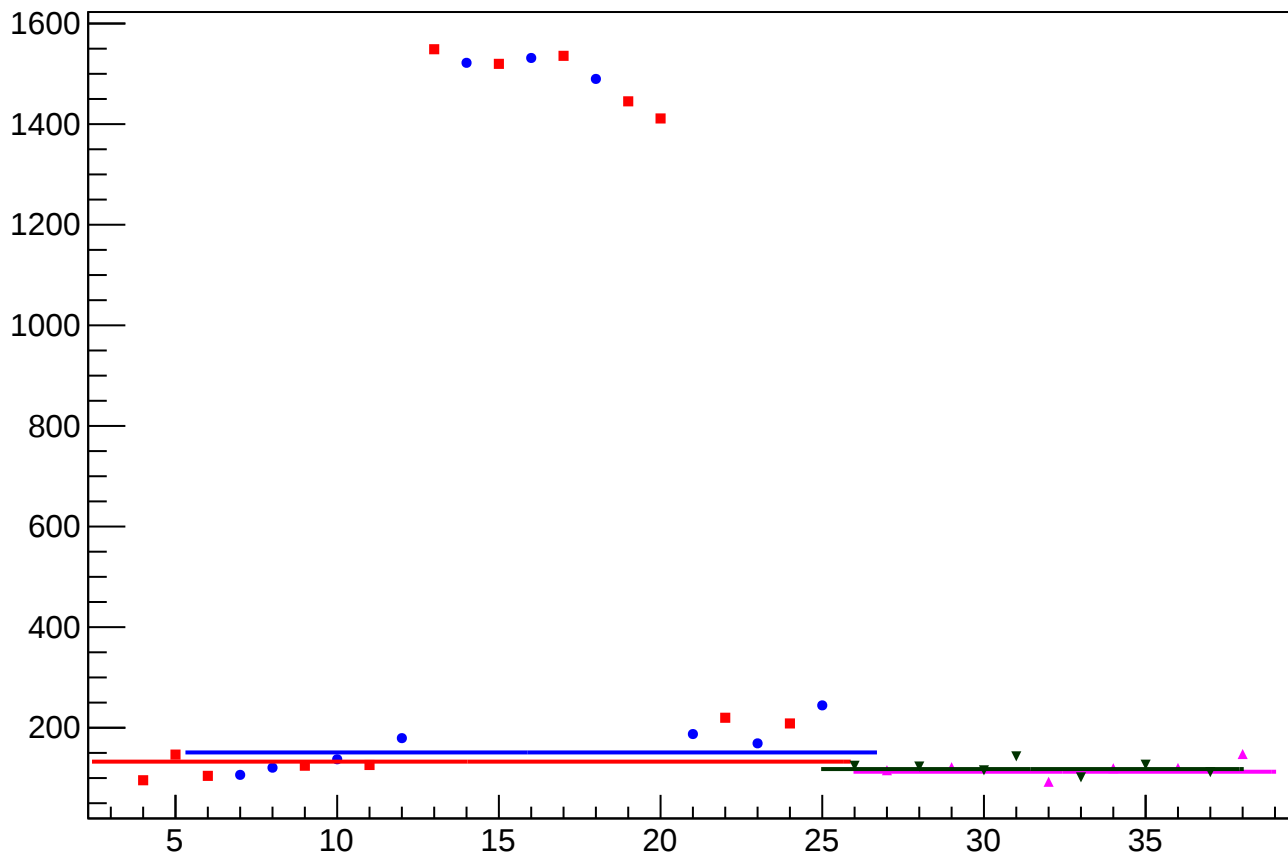
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: 8.909+/-56.729 χ^2/NDF : 0.2/5

39.417+/-47.291 χ^2/NDF : 9.7/16

36.375+/-43.575 χ^2/NDF : 1.7/17

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: 117.873+/-0.044 χ^2/NDF : 63539.5/6

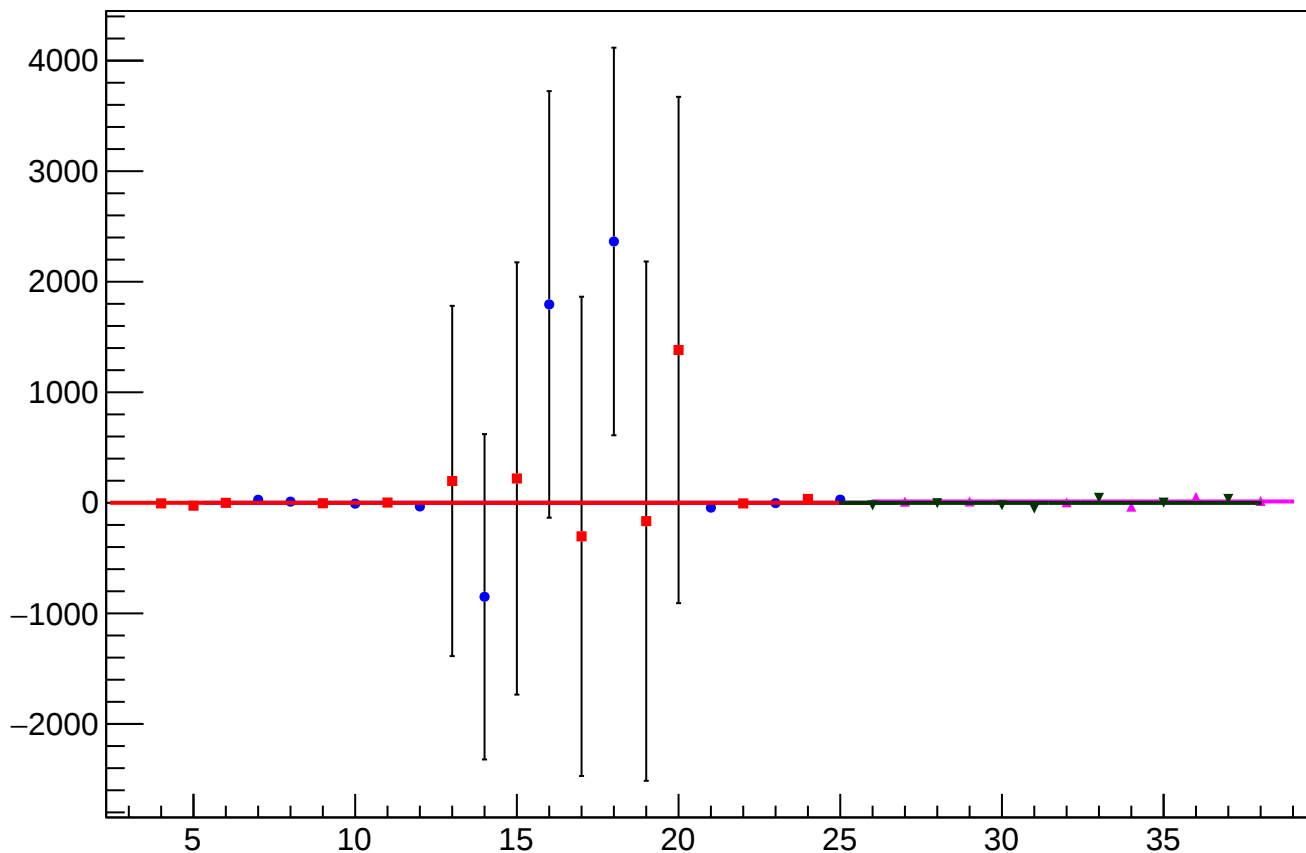
Right Out: 132.646+/-0.048 χ^2/NDF : 5120067.3/11

Left In: 112.569+/-0.040 χ^2/NDF : 156686.9/5

131.697+/-0.033 χ^2/NDF : 4531292.3/16

120.800+/-0.031 χ^2/NDF : 5379460.2/17

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: -0.559+/-8.866 χ^2/NDF : 10.4/6

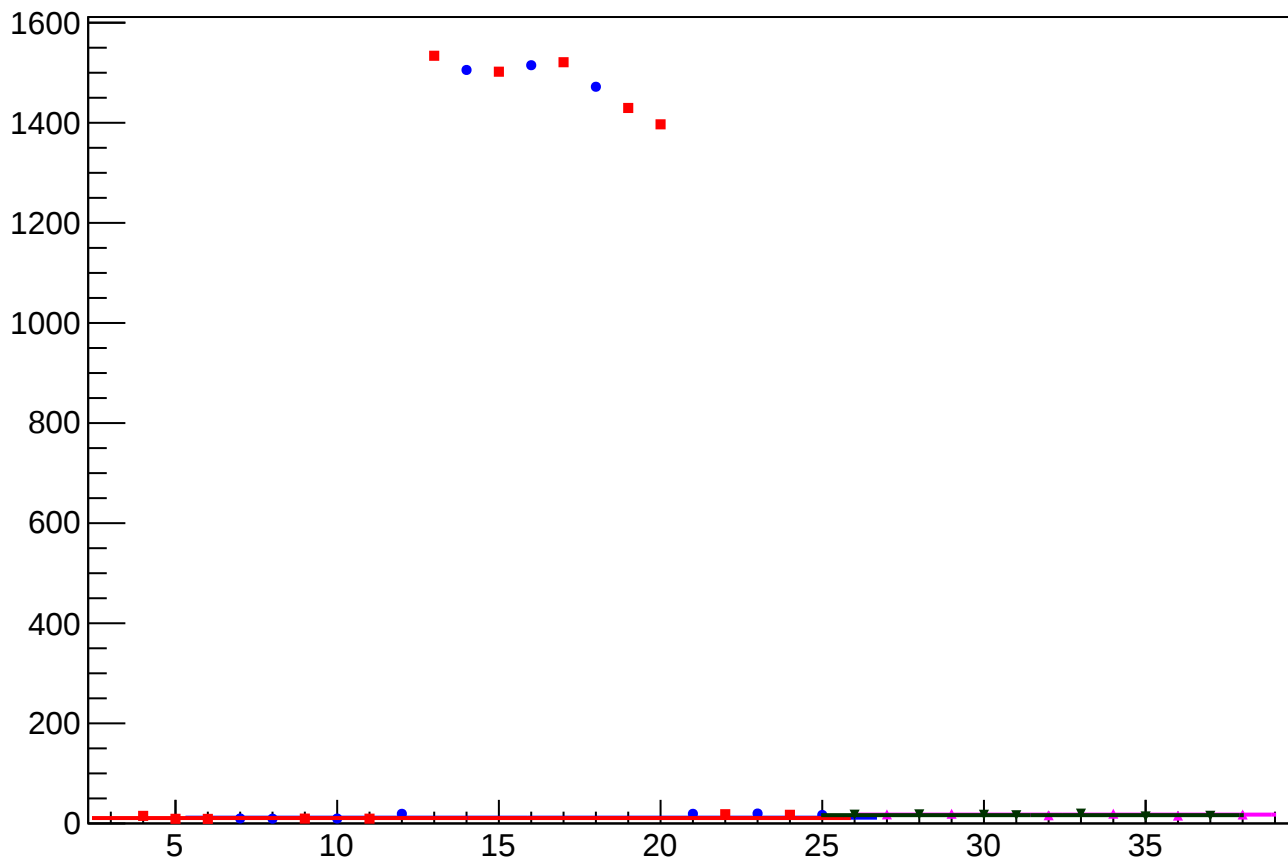
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 12.453+/-9.066 χ^2/NDF : 6.0/5

0.458+/-5.080 χ^2/NDF : 22.2/16

3.918+/-4.935 χ^2/NDF : 11.3/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 11.555 $\pm$ 0.004 χ^2 /NDF: 5368102.9/9

Left Out: 16.606 $\pm$ 0.006 χ^2 /NDF: 78862.0/6

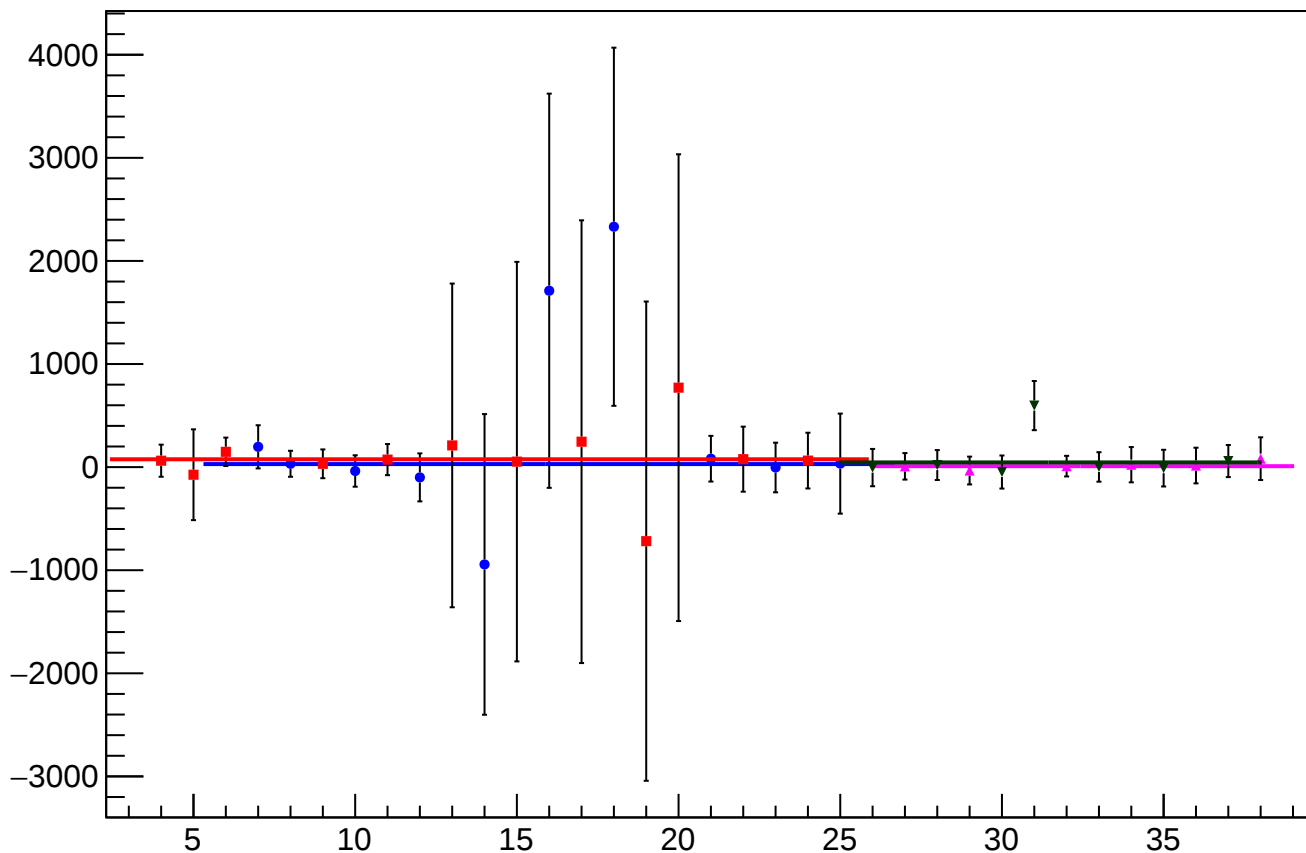
Right Out: 10.792 $\pm$ 0.004 χ^2 /NDF: 5922898.5/11

Left In: 17.657 $\pm$ 0.006 χ^2 /NDF: 46376.1/5

13.213 $\pm$ 0.004 χ^2 /NDF: 5882913.2/16

12.826 $\pm$ 0.003 χ^2 /NDF: 6776379.1/17

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: 45.524 ± 62.478 χ^2/NDF : 6.0/6

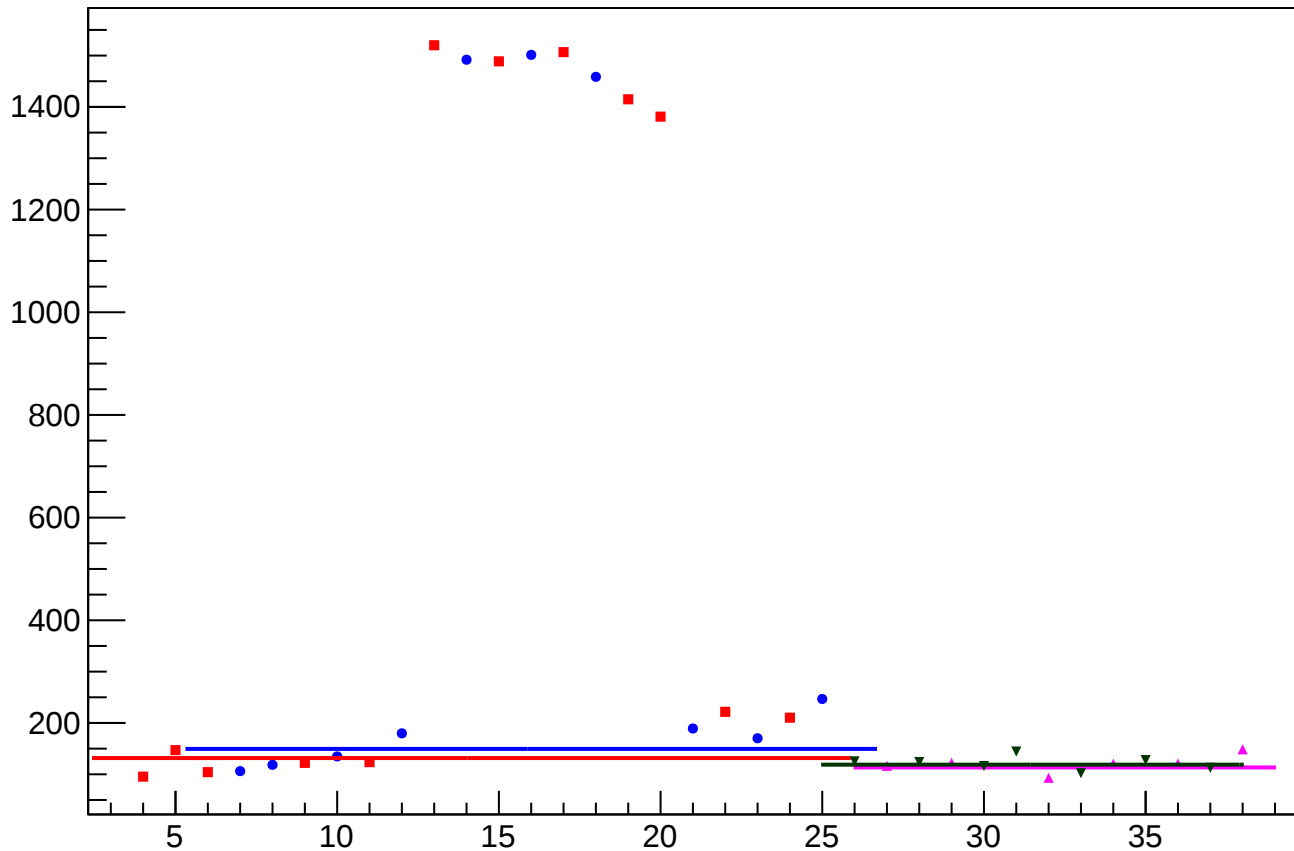
Right Out: 76.035 ± 67.528 χ^2/NDF : 0.7/11

Left In: 9.162 ± 57.119 χ^2/NDF : 0.2/5

38.690 ± 47.333 χ^2/NDF : 10.2/16

37.053 ± 43.610 χ^2/NDF : 1.5/17

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: 118.780+/-0.044 χ^2/NDF : 63470.2/6

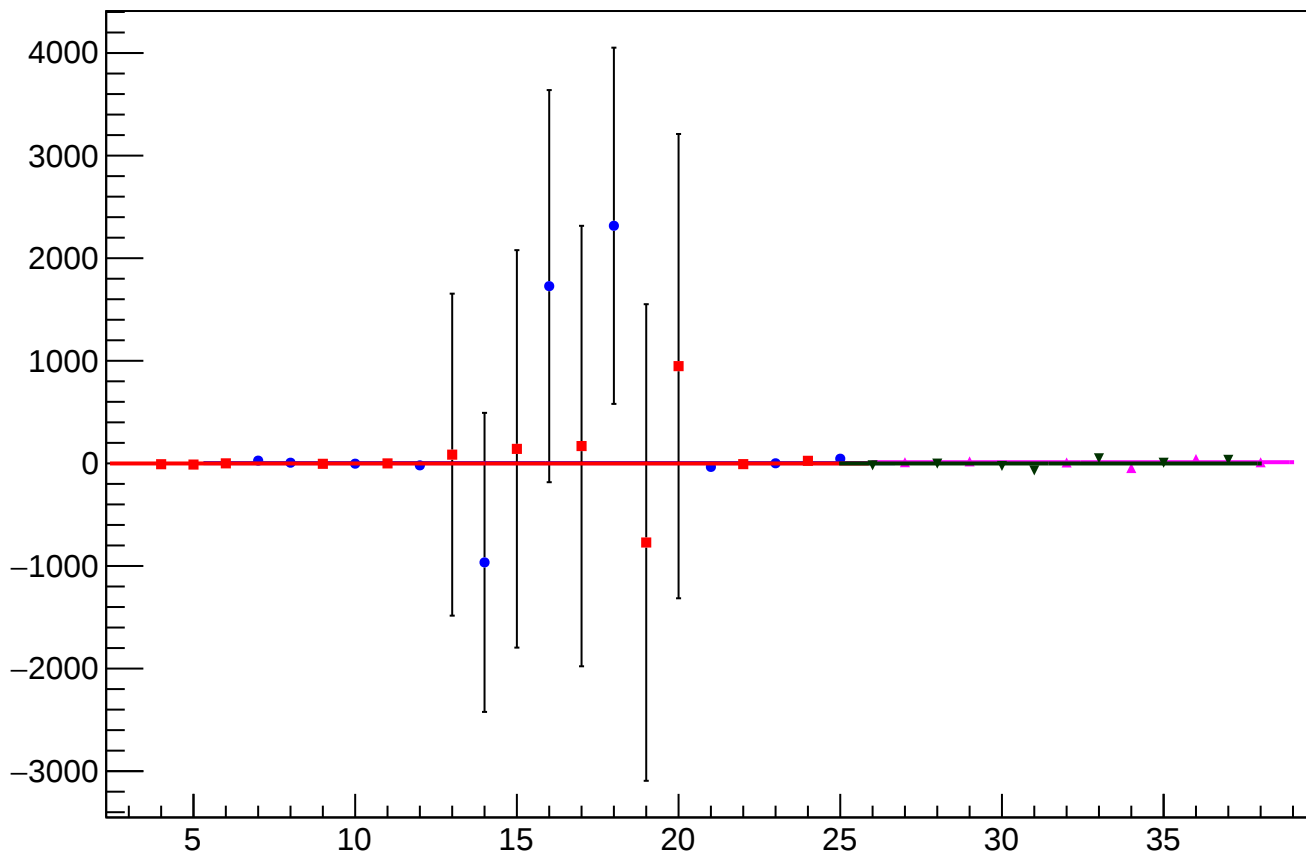
Right Out: 131.616+/-0.048 χ^2/NDF : 5120657.7/11

Left In: 113.337+/-0.040 χ^2/NDF : 156470.7/5

131.864+/-0.033 χ^2/NDF : 4519210.6/16

120.961+/-0.031 χ^2/NDF : 5362544.7/17

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: -0.913+/-8.613 χ^2/NDF : 13.9/6

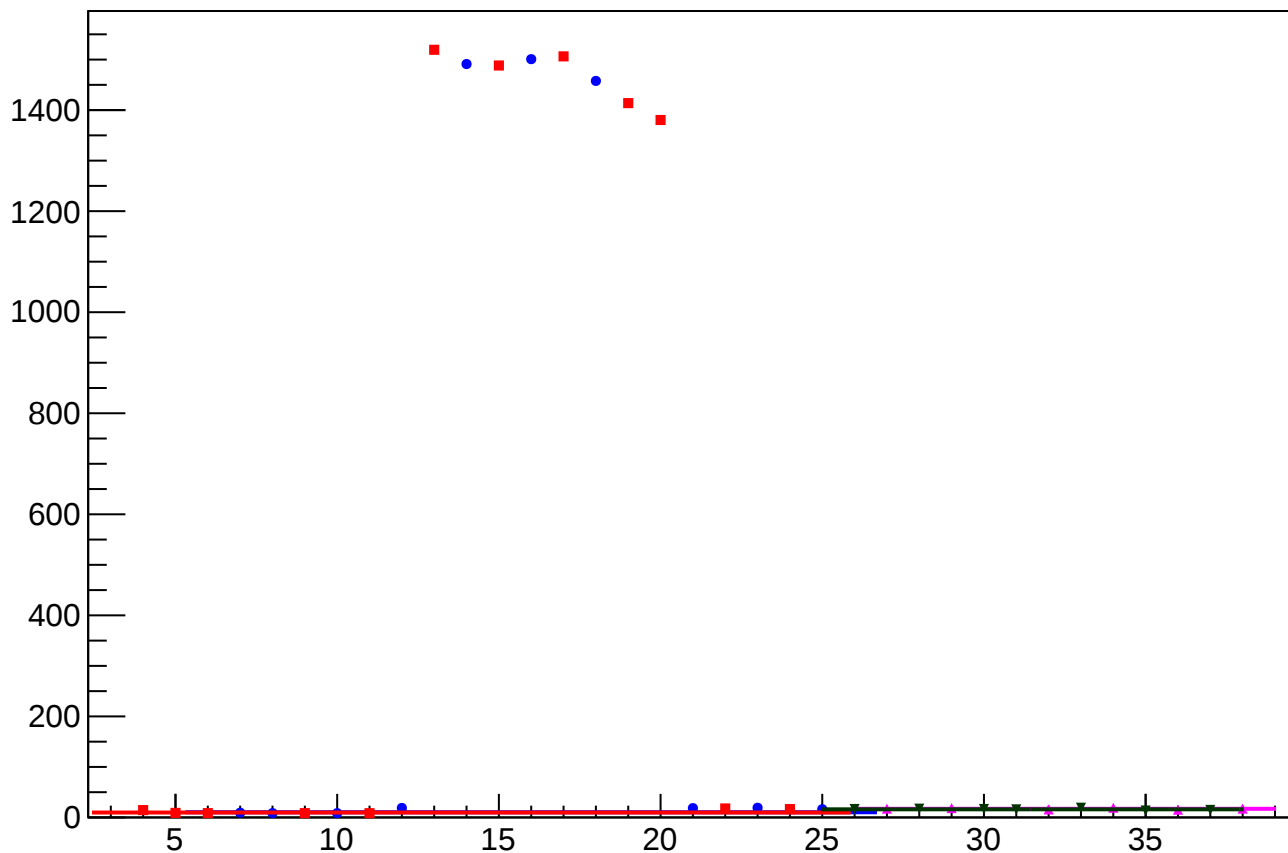
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 11.641+/-8.814 χ^2/NDF : 6.1/5

1.564+/-4.693 χ^2/NDF : 24.1/16

2.565+/-4.582 χ^2/NDF : 9.7/17

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: 16.108+/-0.006 χ^2/NDF : 72792.6/6

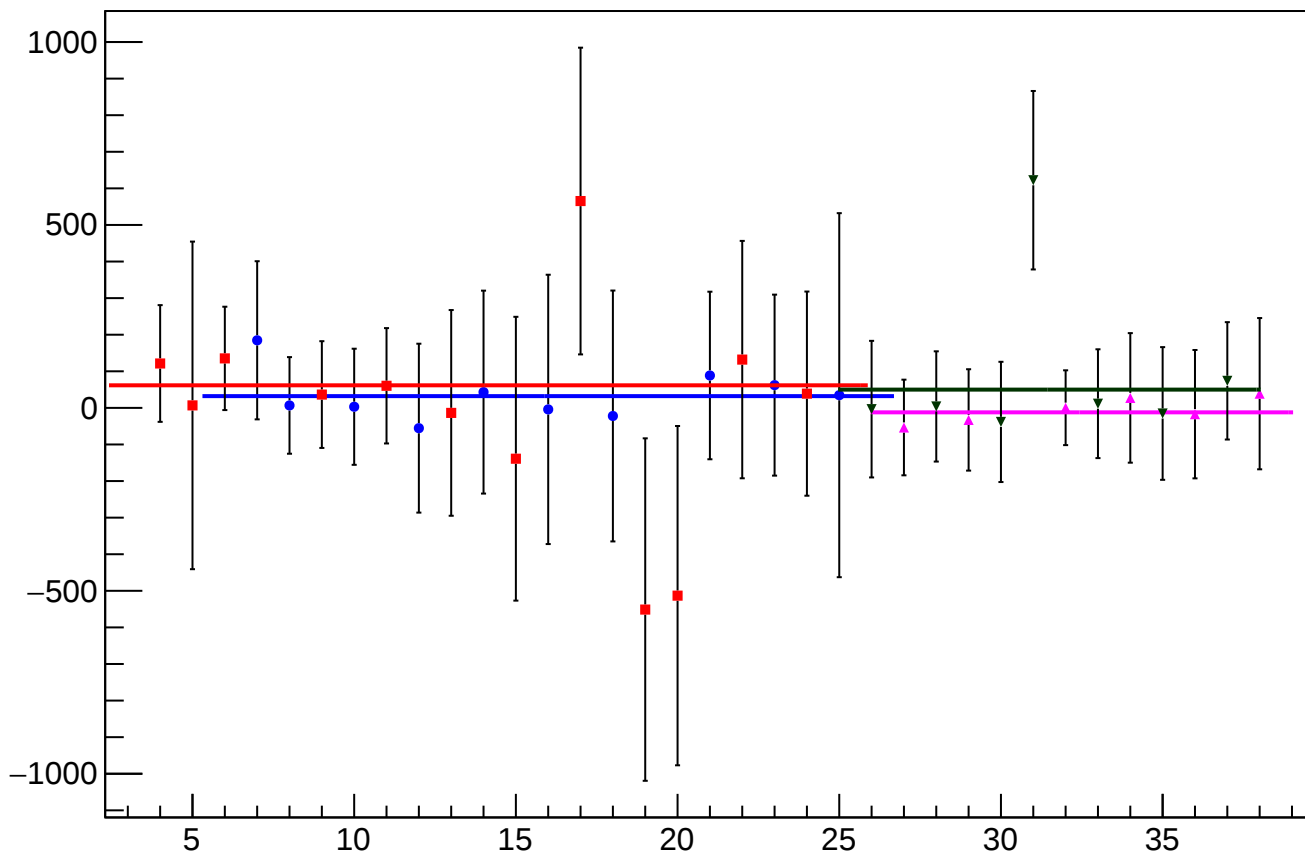
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 17.128+/-0.006 χ^2/NDF : 42375.1/5

12.023+/-0.003 χ^2/NDF : 6228544.7/16

11.754+/-0.003 χ^2/NDF : 7069997.5/17

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: 49.942+/-64.404 χ^2/NDF : 6.2/6

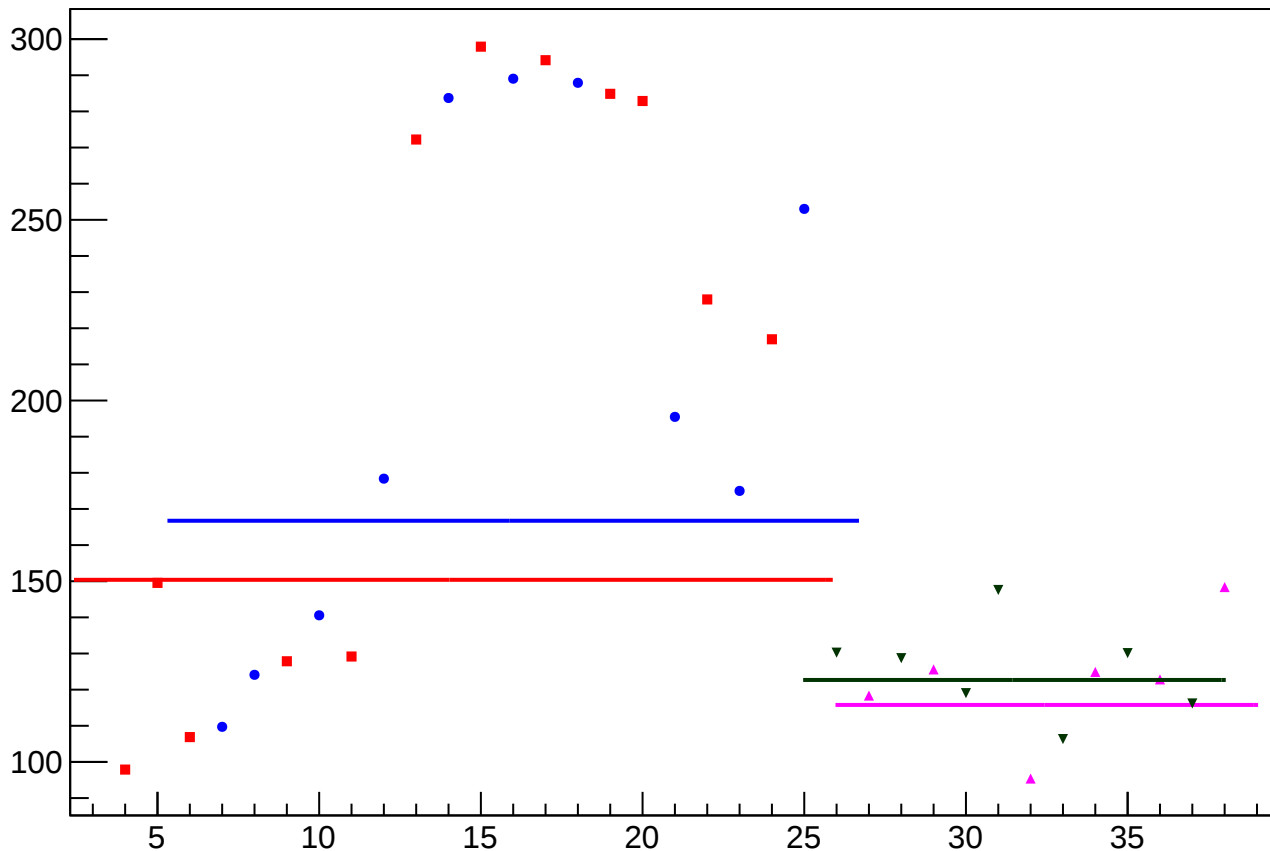
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -12.190+/-58.313 χ^2/NDF : 0.2/5

41.750+/-47.315 χ^2/NDF : 7.0/16

20.876+/-43.344 χ^2/NDF : 6.5/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 166.735+/-0.049 χ^2/NDF : 1327603.0/9

Left Out: 122.681+/-0.046 χ^2/NDF : 59142.3/6

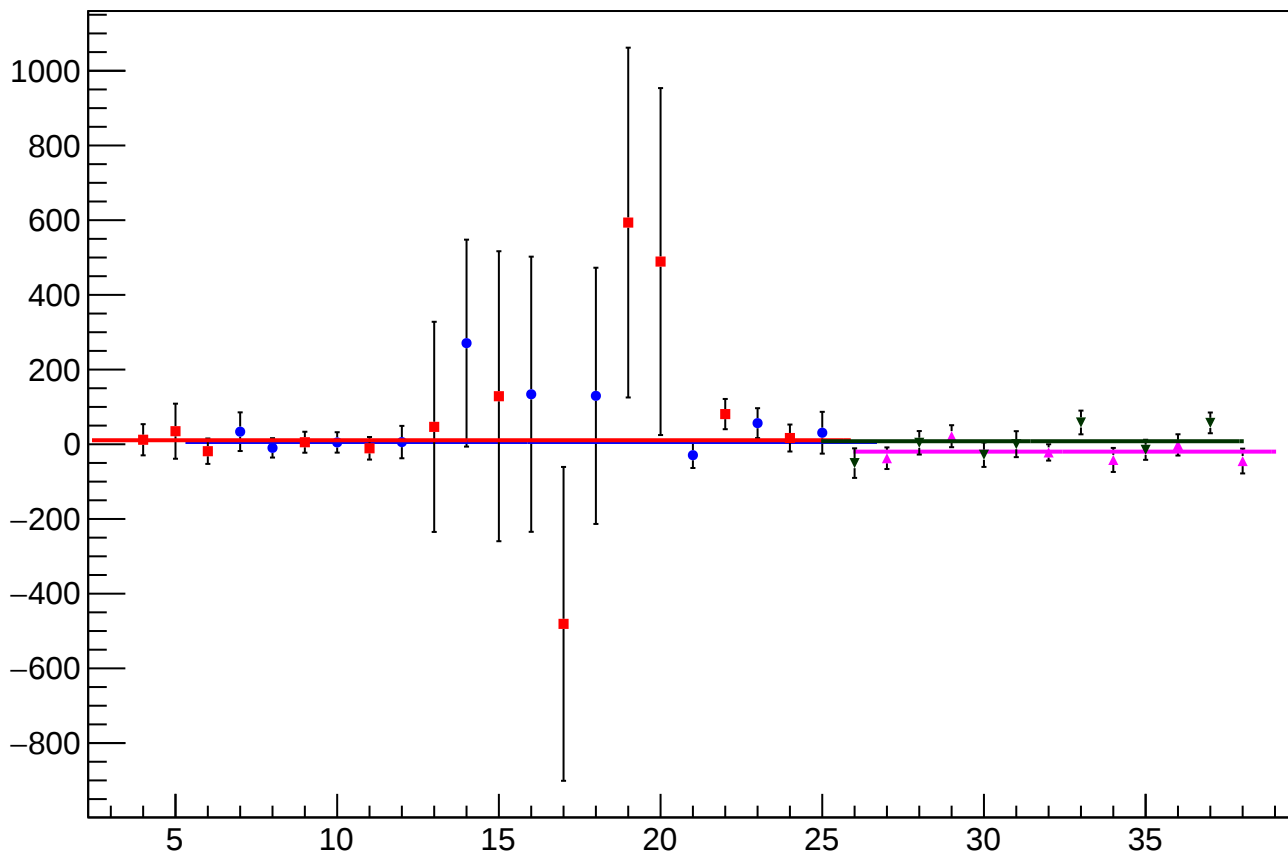
142.958+/-0.033 χ^2/NDF : 1817451.7/16

Right Out: 150.393+/-0.046 χ^2/NDF : 1947233.7/11

131.264+/-0.031 χ^2/NDF : 2411305.6/17

Left In: 115.771+/-0.041 χ^2/NDF : 148585.7/5

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: 8.156 $\pm$ 11.878 χ^2 /NDF: 9.8/6

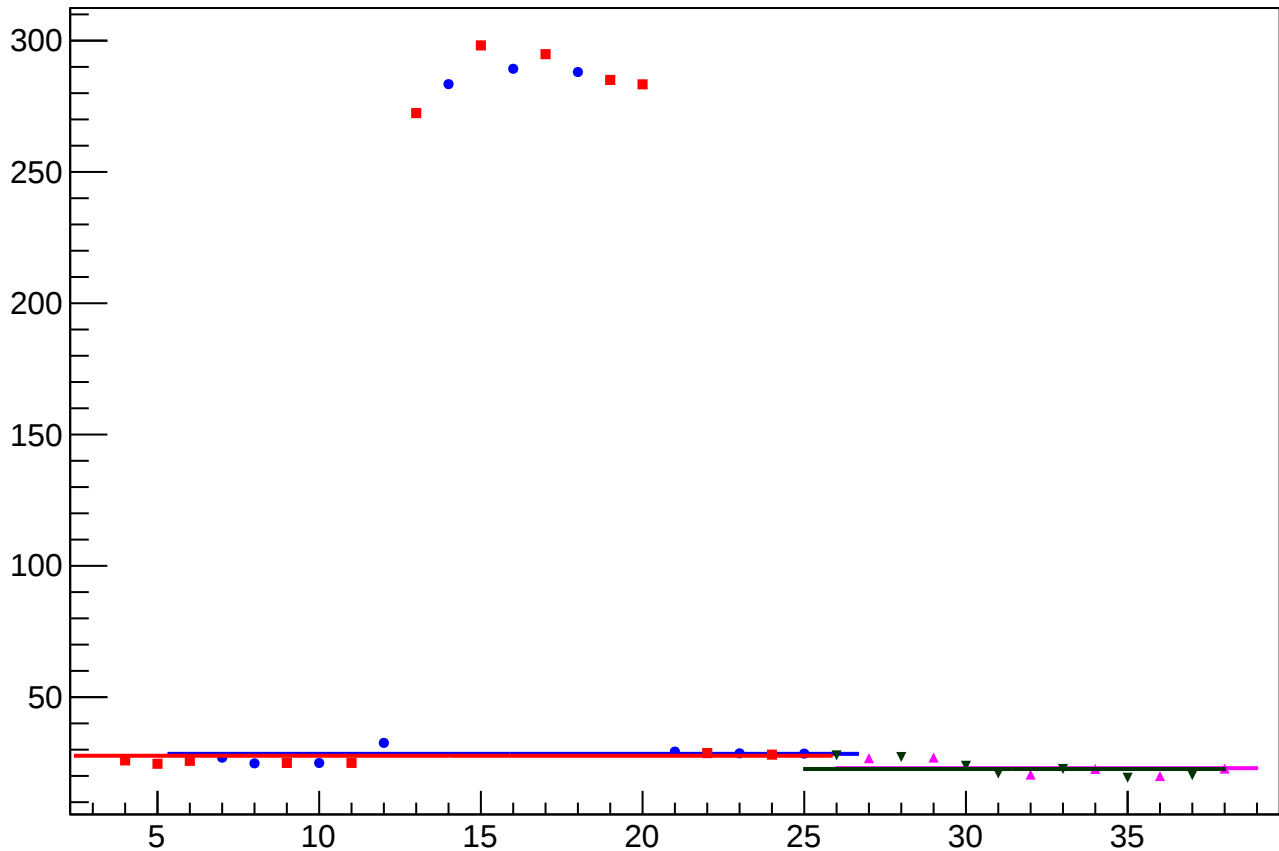
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -19.705 $\pm$ 11.507 χ^2 /NDF: 3.8/5

7.280 $\pm$ 8.896 χ^2 /NDF: 14.5/16

-6.990 $\pm$ 8.787 χ^2 /NDF: 15.2/17

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: 22.631+/-0.008 χ^2/NDF : 129280.9/6

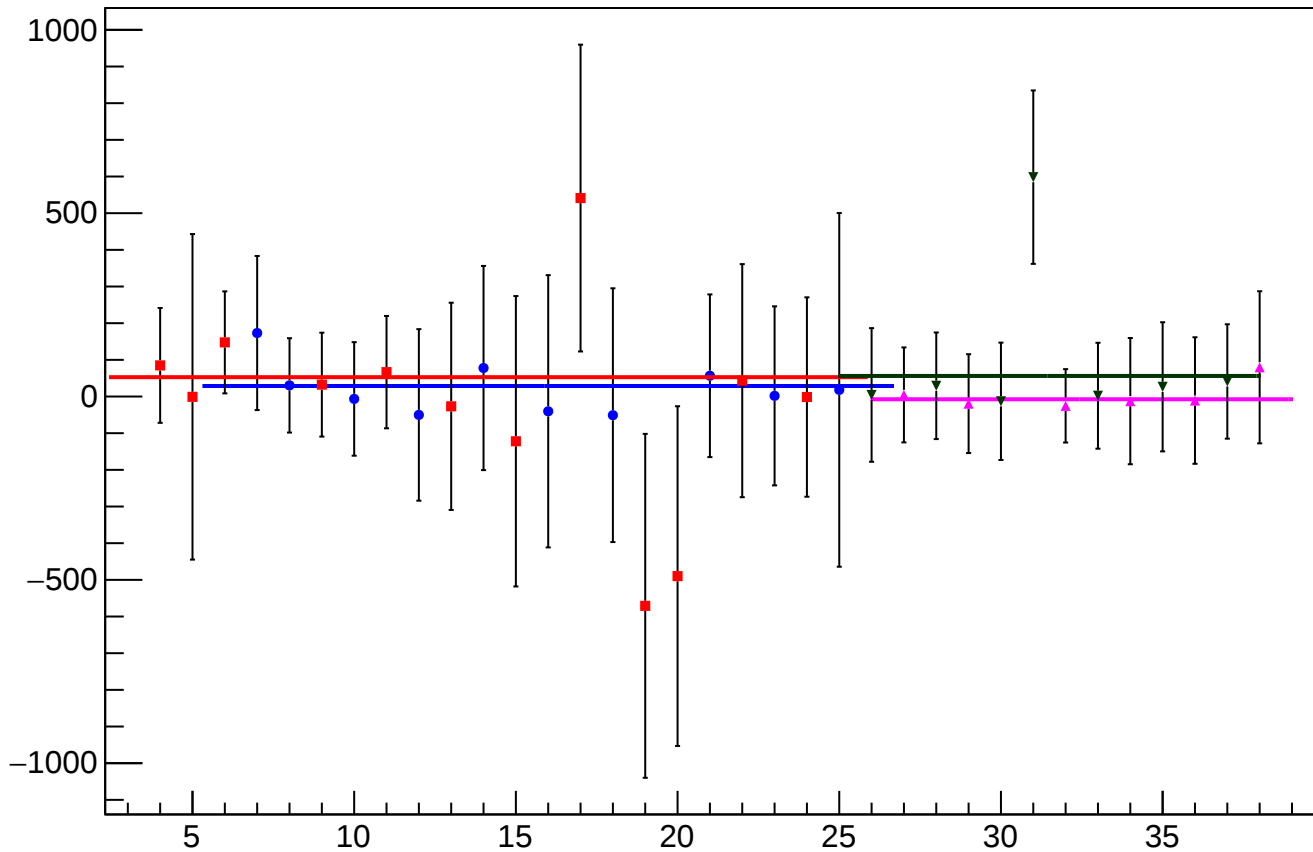
25.167+/-0.006 χ^2/NDF : 4272946.4/16

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

24.927+/-0.006 χ^2/NDF : 4813835.5/17

Left In: 22.957+/-0.008 χ^2/NDF : 120094.9/5

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: 56.131+/-62.546 χ^2/NDF : 5.7/6

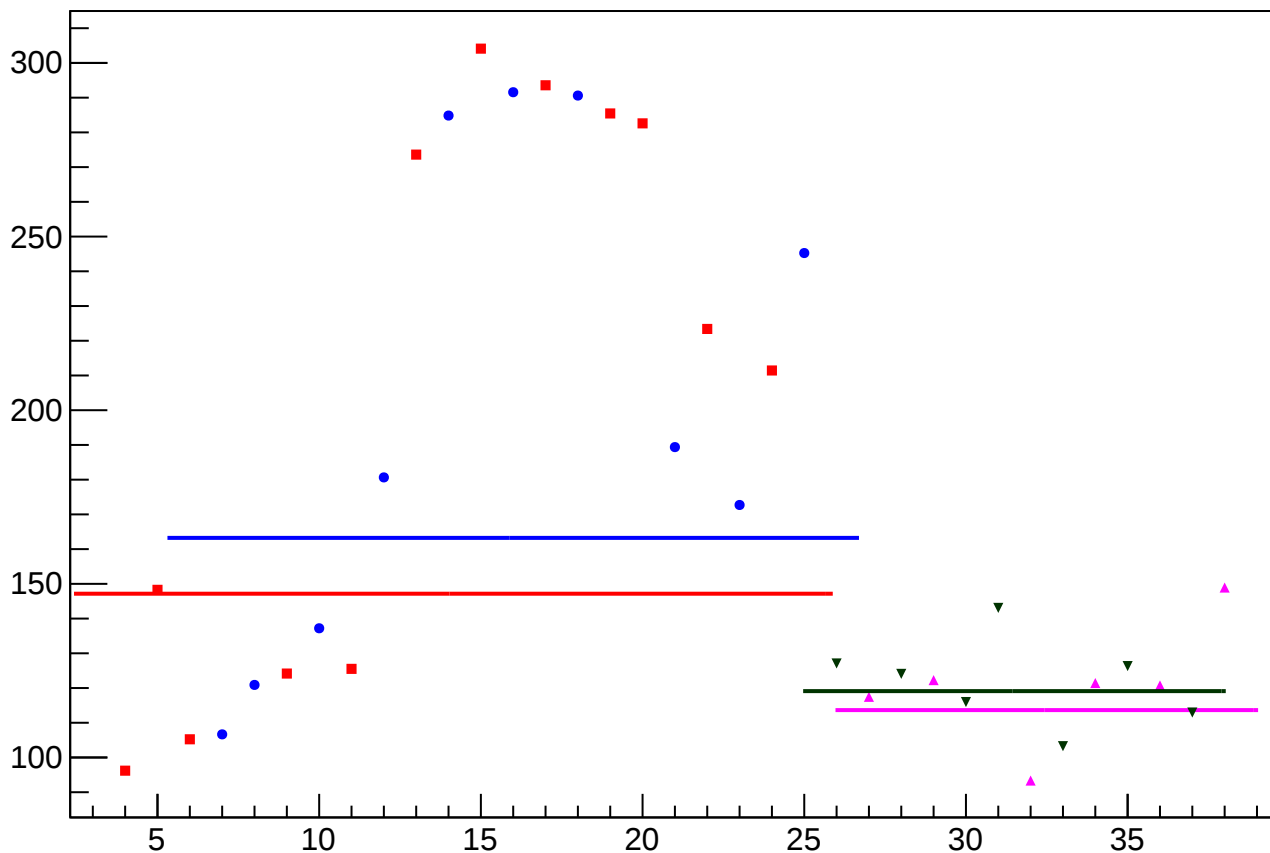
Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

Left In: -7.452+/-57.255 χ^2/NDF : 0.2/5

43.664+/-46.198 χ^2/NDF : 6.6/16

19.508+/-42.554 χ^2/NDF : 6.1/17

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: 119.111+/-0.044 χ^2/NDF : 58042.1/6

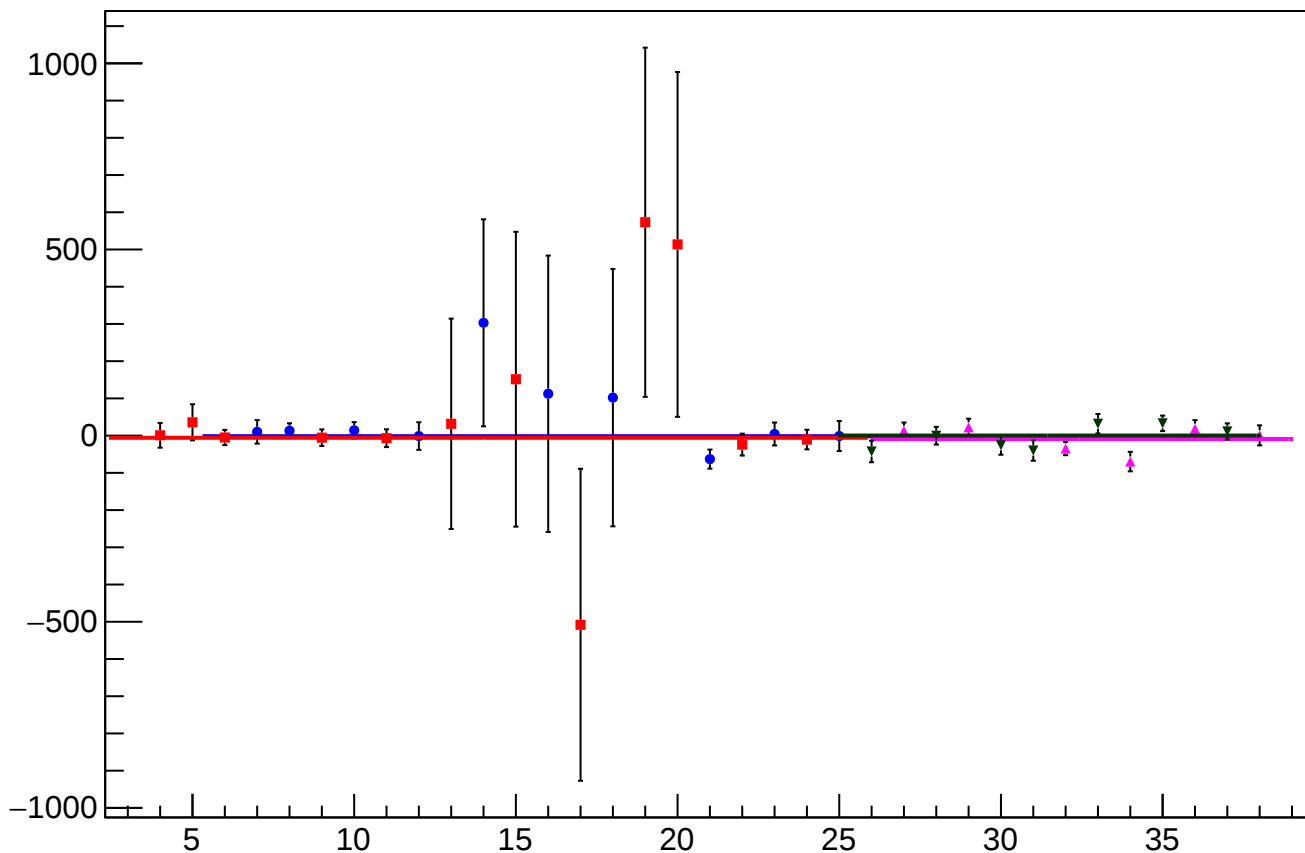
139.164+/-0.033 χ^2/NDF : 1919597.8/16

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

128.646+/-0.030 χ^2/NDF : 2481482.0/17

Left In: 113.645+/-0.040 χ^2/NDF : 157519.2/5

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: 0.211+/-9.246 χ^2/NDF : 9.6/6

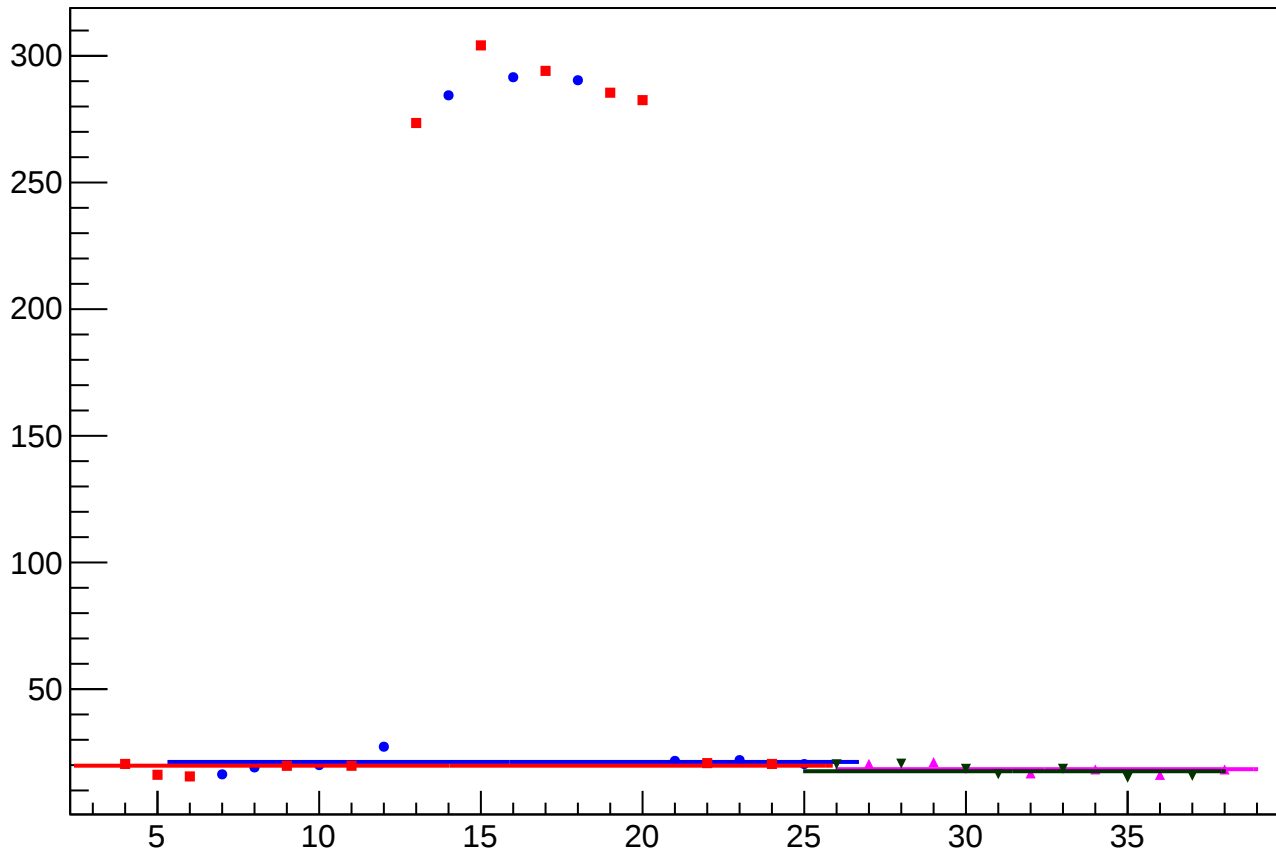
Right Out: -5.806+/-9.942 χ^2/NDF : 5.6/11

Left In: -9.035+/-9.241 χ^2/NDF : 11.7/5

-0.565+/-6.865 χ^2/NDF : 18.0/16

-7.538+/-6.769 χ^2/NDF : 17.4/17

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: 17.585+/-0.007 χ^2 /NDF:103236.3/6

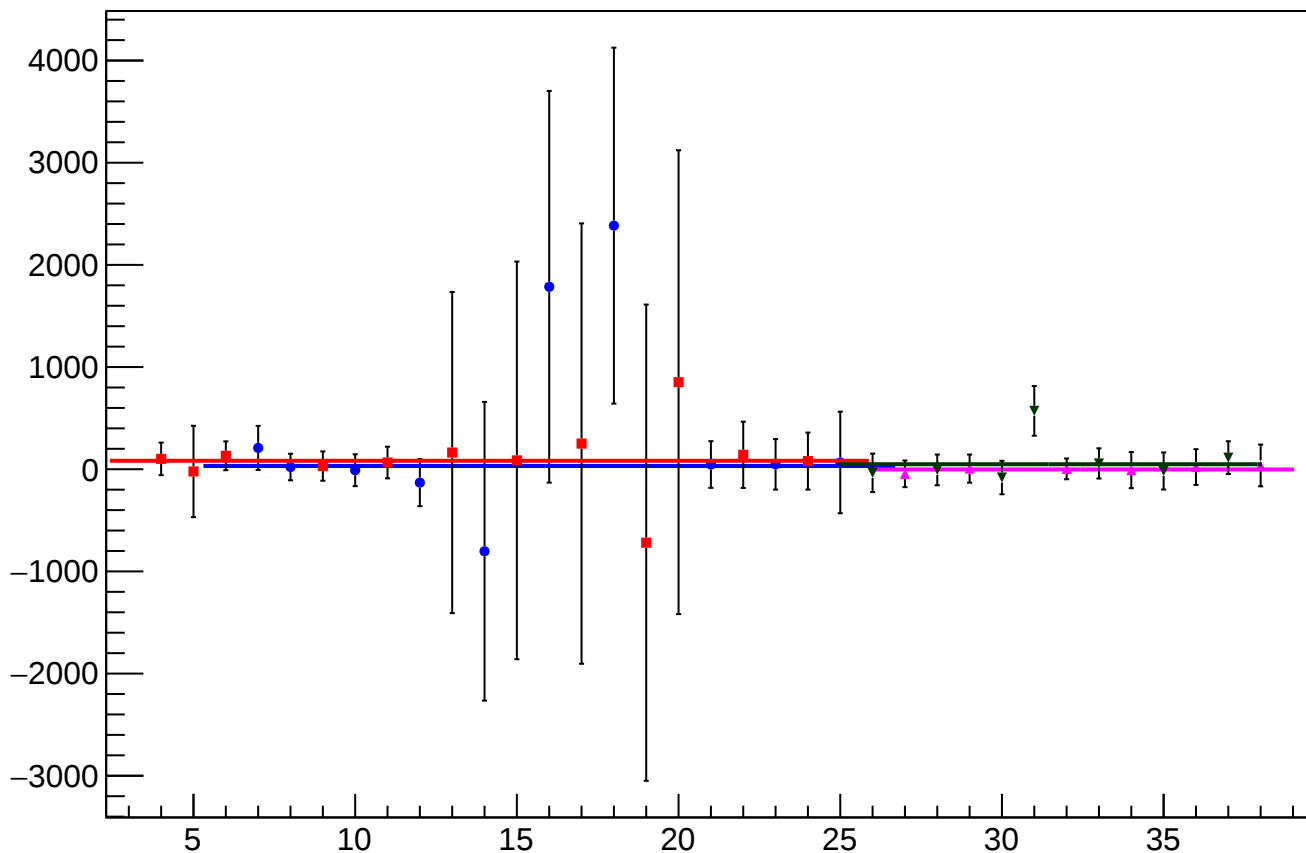
Right Out: 19.779+/-0.007 χ^2 /NDF: 4888350.3/11

Left In: 18.393+/-0.007 χ^2 /NDF:83566.7/5

19.232+/-0.005 χ^2 /NDF: 4441295.7/16

19.036+/-0.005 χ^2 /NDF: 4992765.0/17

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: 48.975+/-64.345 χ^2/NDF : 5.9/6

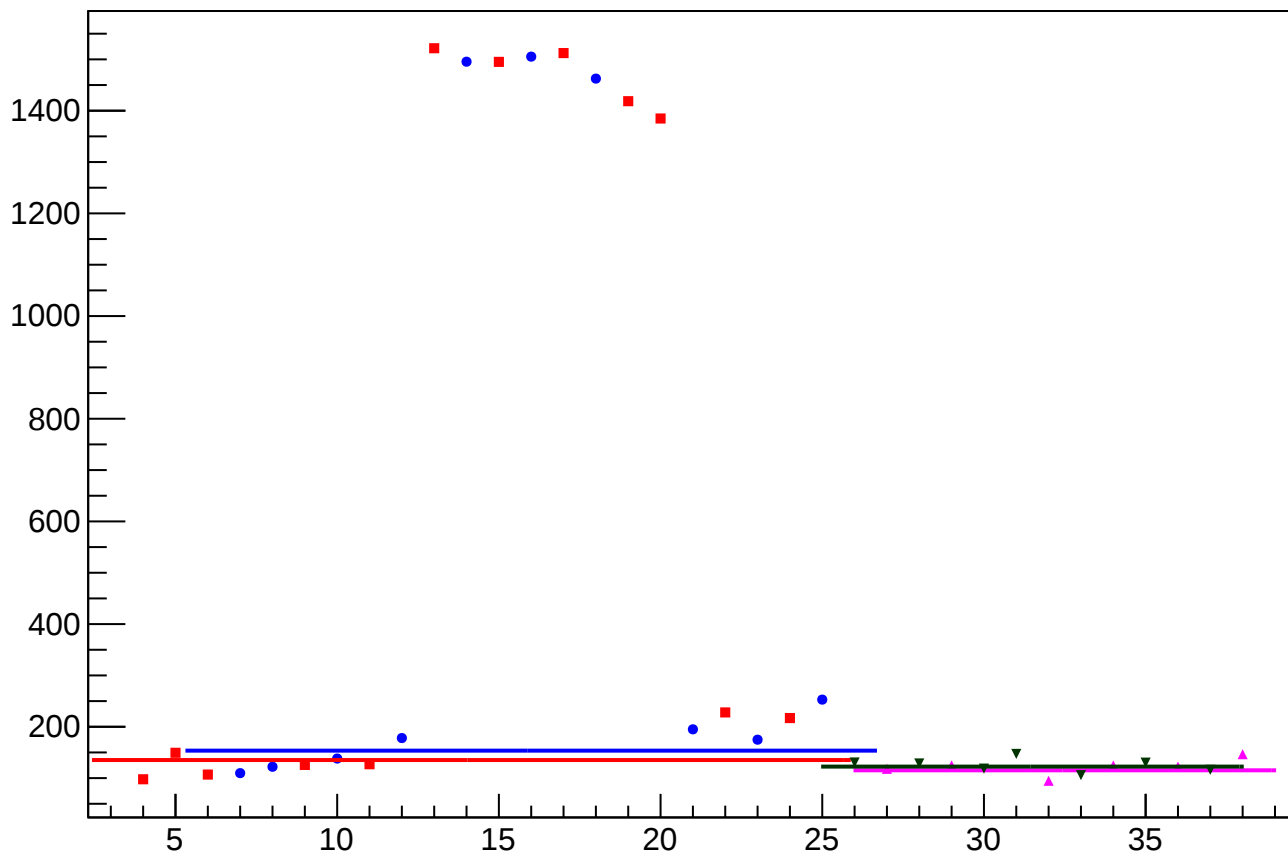
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -2.173+/-58.028 χ^2/NDF : 0.2/5

41.517+/-48.630 χ^2/NDF : 10.2/16

32.907+/-44.483 χ^2/NDF : 1.7/17

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: 122.425+/-0.045 χ^2/NDF : 60583.5/6

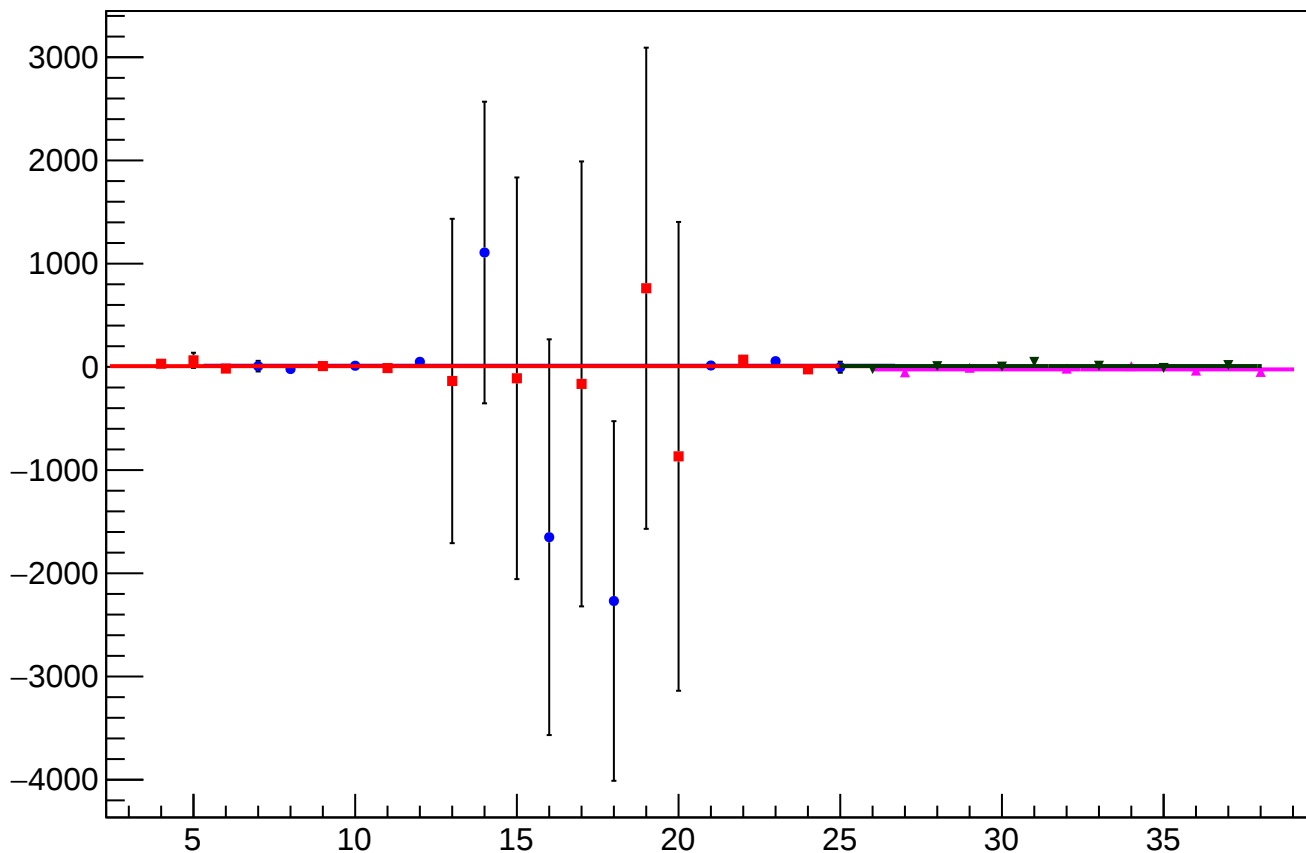
Right Out: 135.194+/-0.049 χ^2/NDF : 5104872.2/11

Left In: 115.193+/-0.041 χ^2/NDF : 147410.6/5

135.760+/-0.034 χ^2/NDF : 4473259.6/16

123.441+/-0.031 χ^2/NDF : 5350258.8/17

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: 7.981+/-11.270 χ^2/NDF : 2.8/6

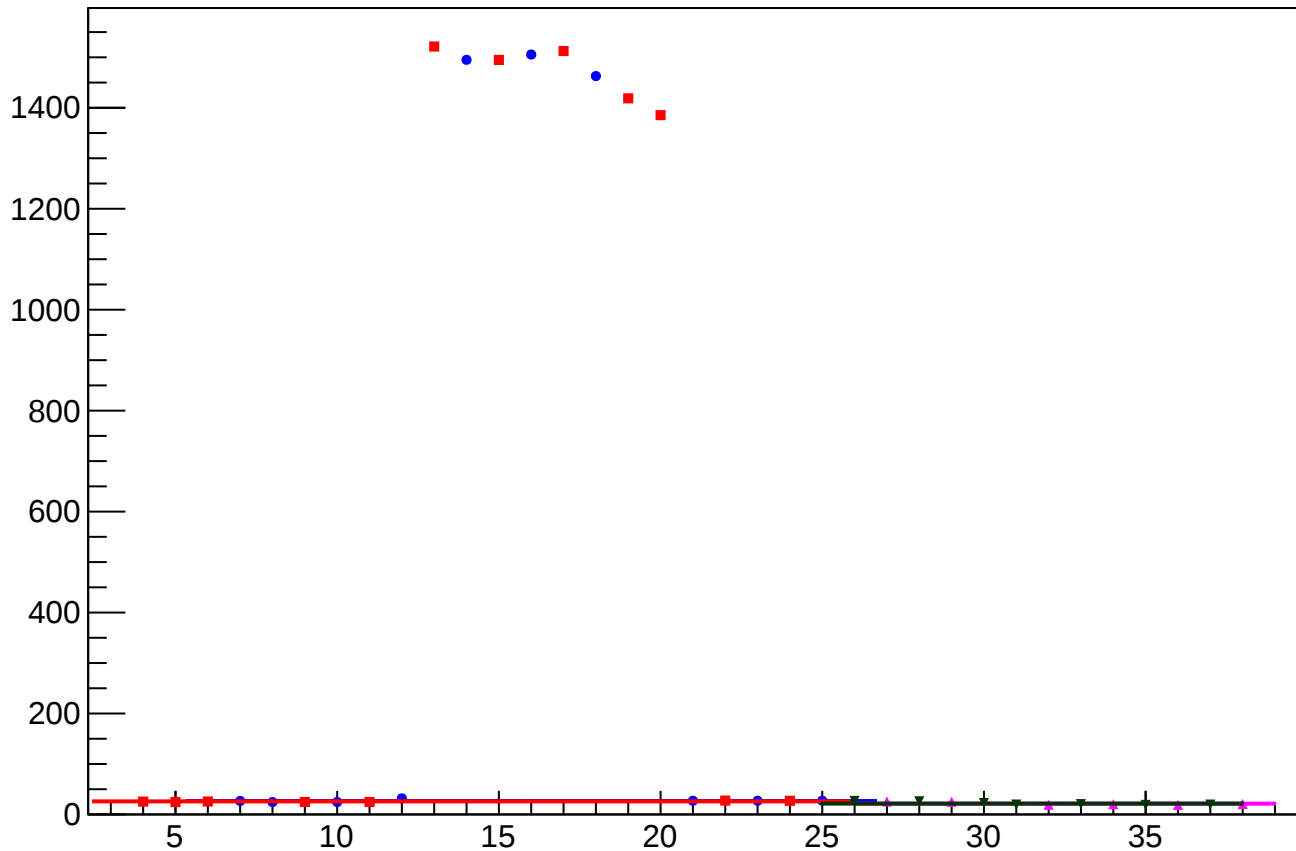
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -24.458+/-10.680 χ^2/NDF : 3.6/5

9.173+/-8.532 χ^2/NDF : 9.6/16

-12.269+/-8.354 χ^2/NDF : 12.4/17

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: 21.510+/-0.008 χ^2/NDF : 125791.1/6

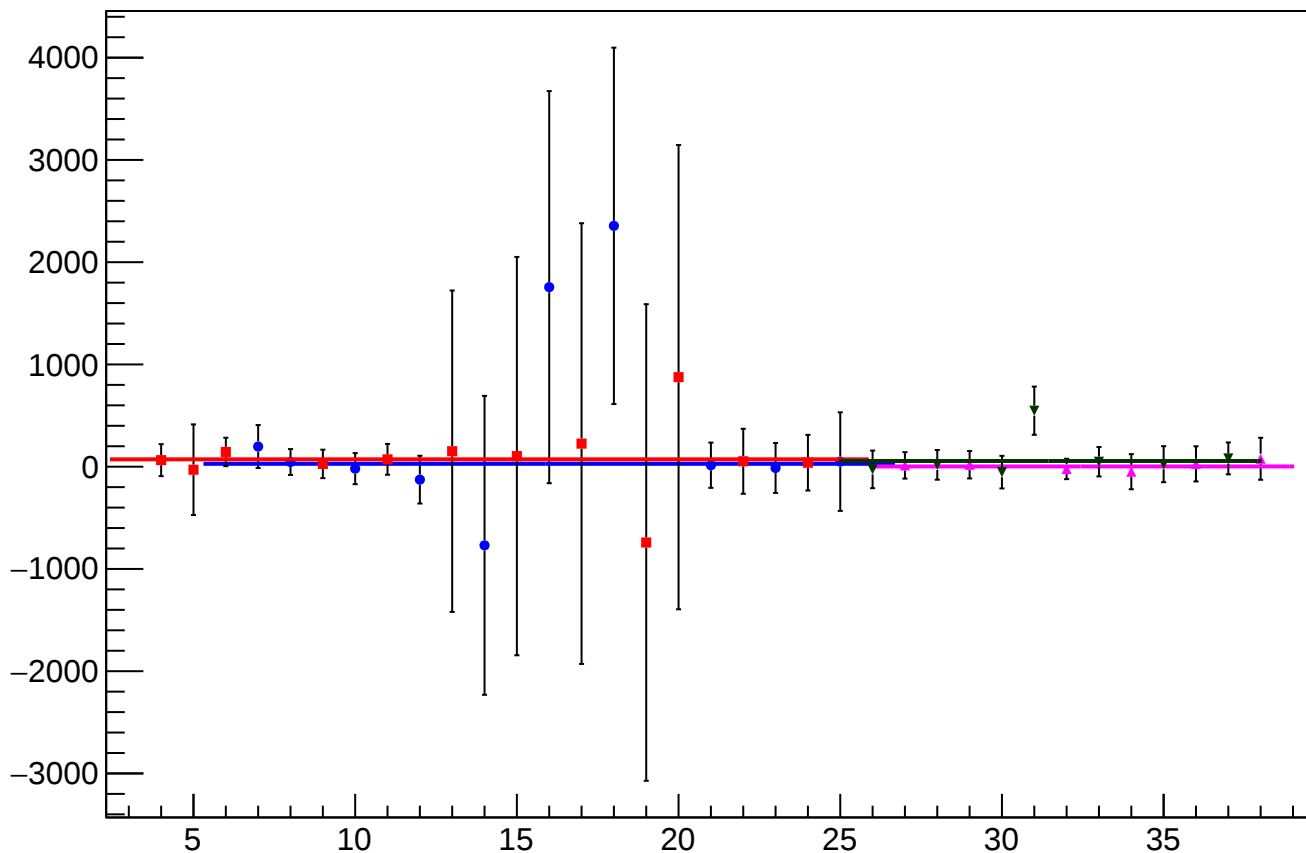
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 21.442+/-0.008 χ^2/NDF : 131276.5/5

23.679+/-0.006 χ^2/NDF : 4923399.5/16

23.189+/-0.006 χ^2/NDF : 5616094.1/17

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: 55.895+/-62.477 χ^2/NDF : 5.2/6

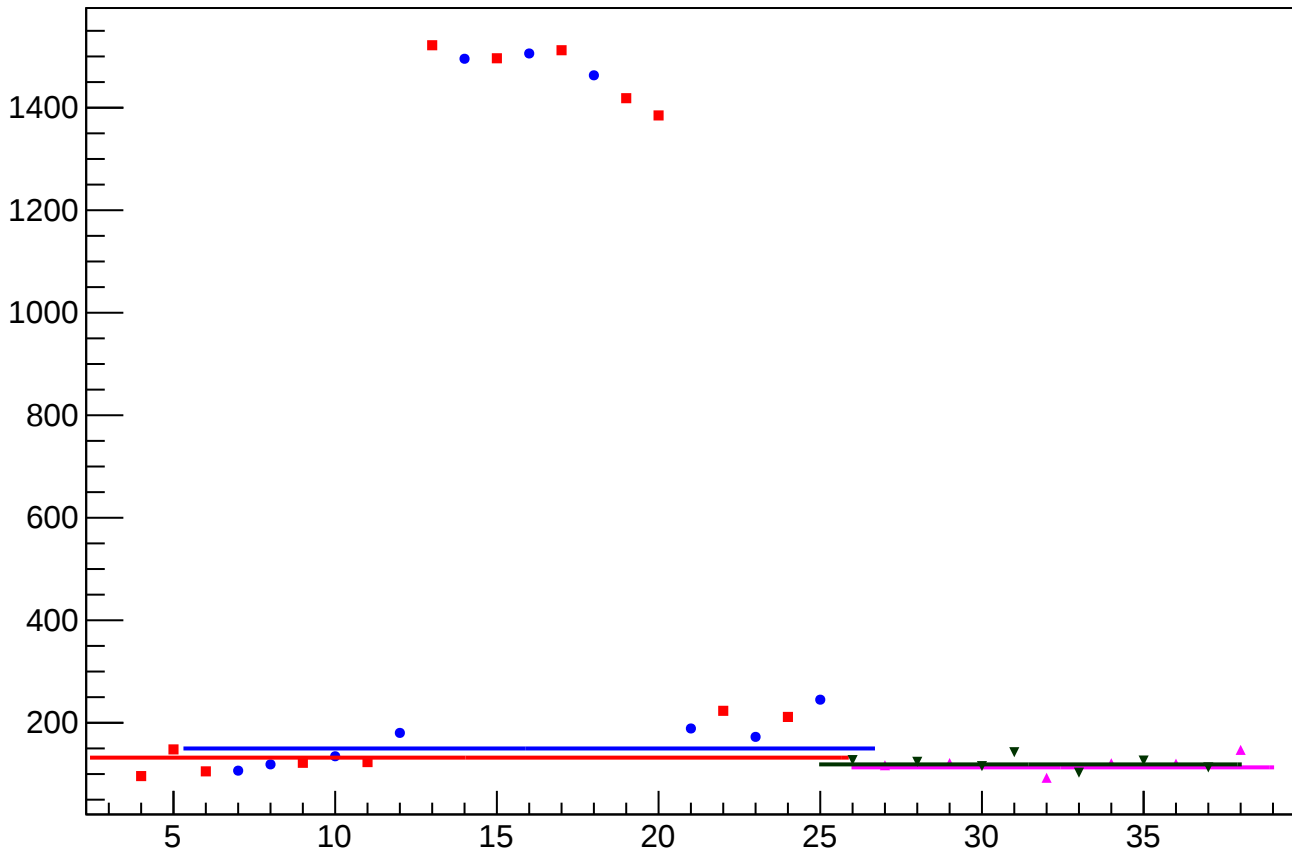
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: 2.274+/-56.965 χ^2/NDF : 0.3/5

44.167+/-47.376 χ^2/NDF : 9.4/16

31.182+/-43.591 χ^2/NDF : 1.7/17

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: 118.842+/-0.044 χ^2/NDF : 59520.4/6

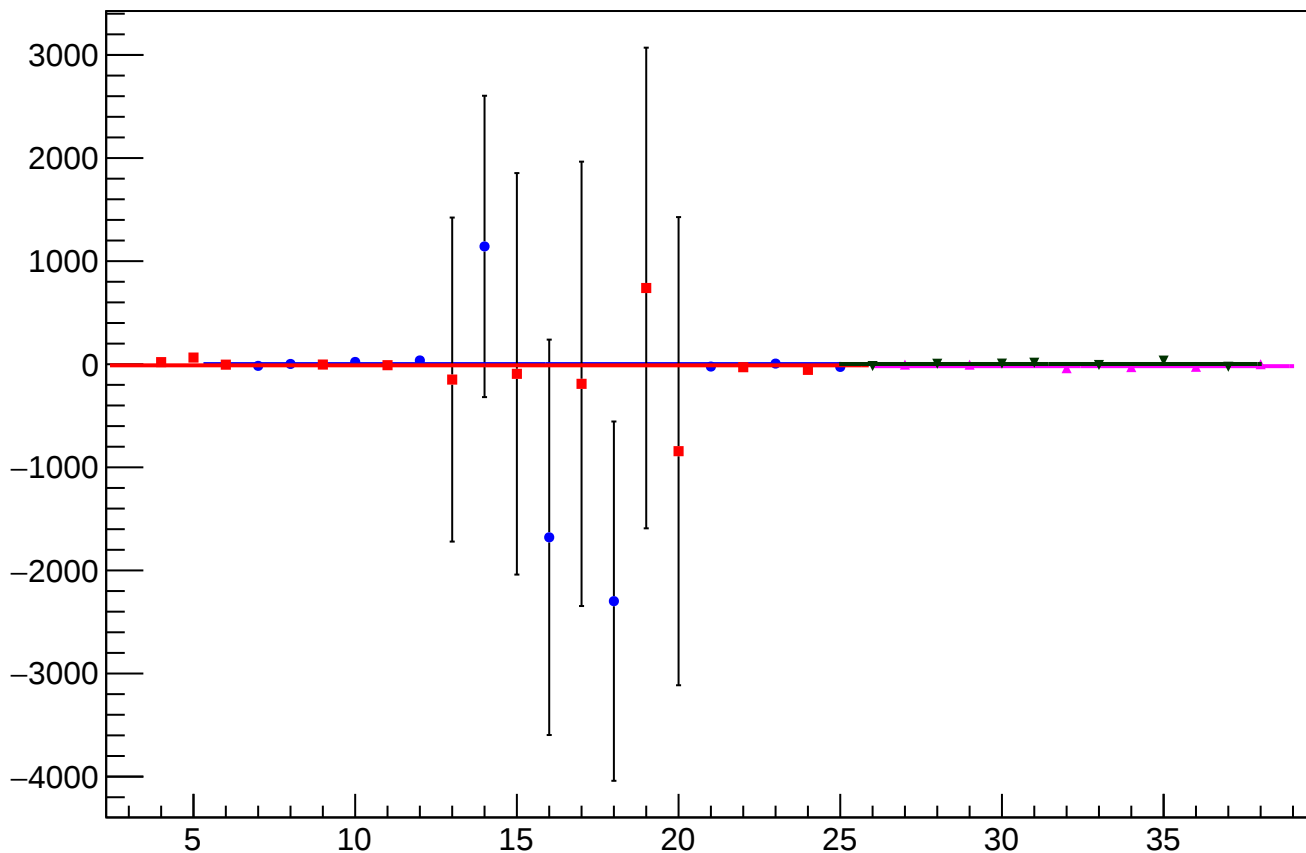
132.042+/-0.033 χ^2/NDF : 4517005.5/16

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

120.921+/-0.031 χ^2/NDF : 5368389.6/17

Left In: 113.055+/-0.040 χ^2/NDF : 156688.6/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

1.982+/-6.424 χ^2/NDF : 12.4/16

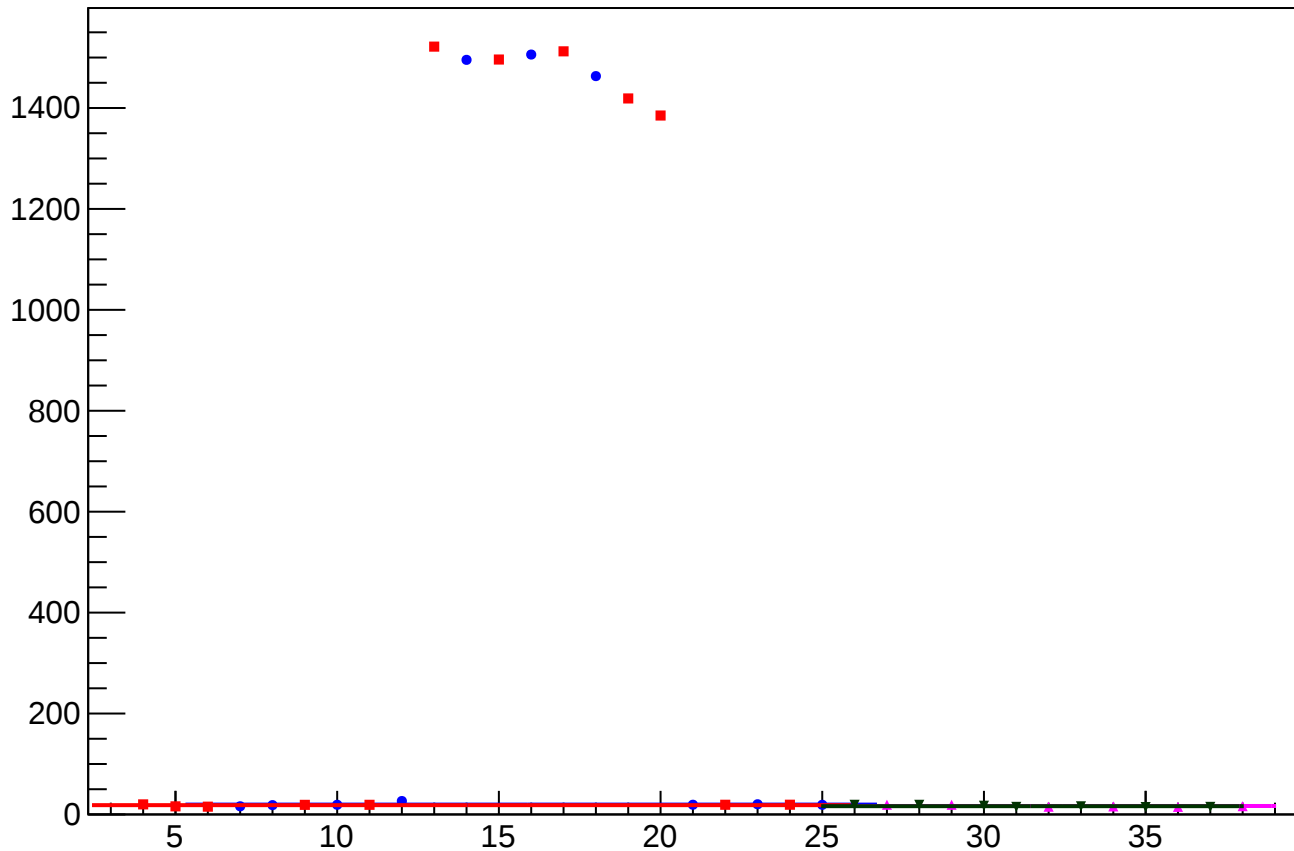
Left Out: 2.421+/-8.587 χ^2/NDF : 5.3/6

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

-15.162+/-6.295 χ^2/NDF : 11.2/17

Left In: -18.639+/-8.335 χ^2/NDF : 3.4/5

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: 16.432+/-0.006 χ^2/NDF : 82701.3/6

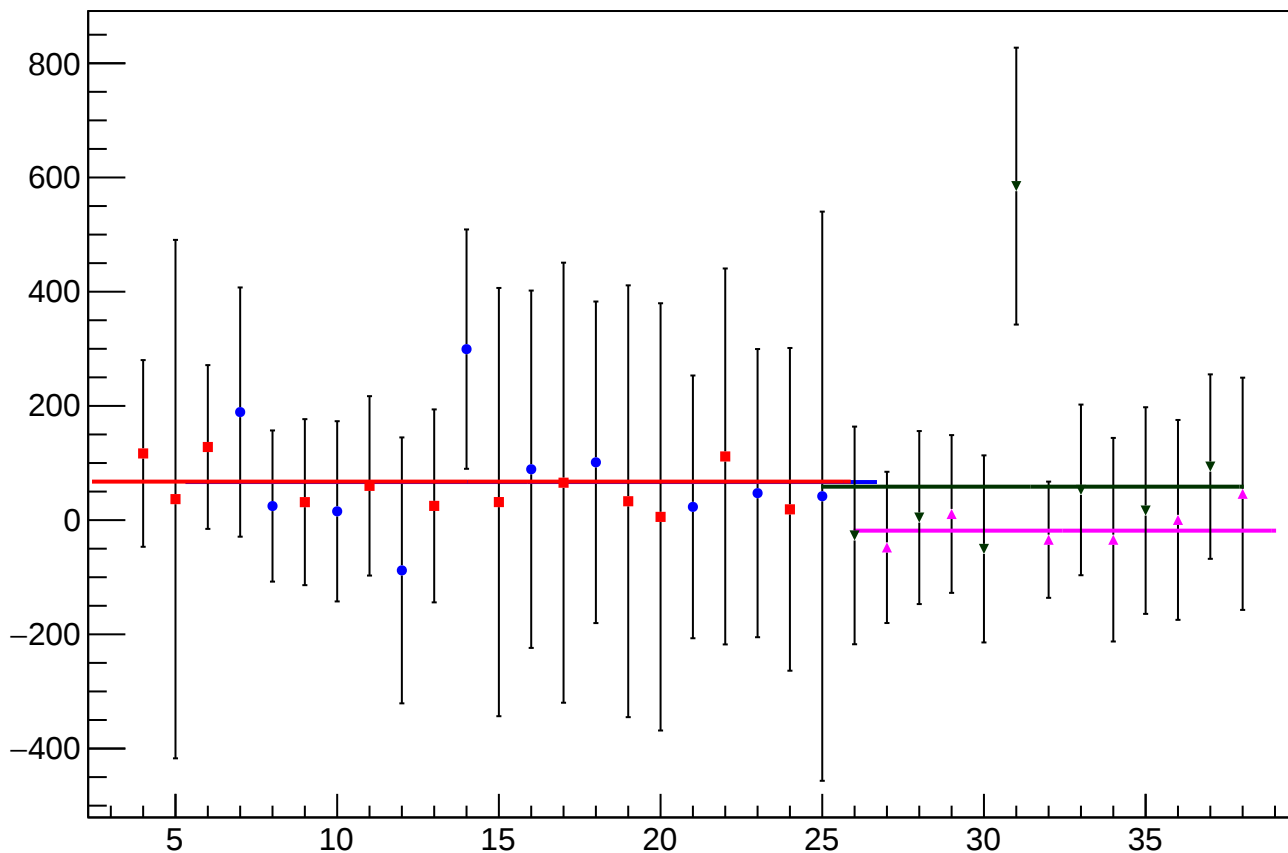
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 16.779+/-0.006 χ^2/NDF : 84603.5/5

17.795+/-0.005 χ^2/NDF : 4919251.2/16

17.493+/-0.004 χ^2/NDF : 5567861.0/17

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: 58.581 $\pm$ 64.676 χ^2 /NDF: 5.6/6

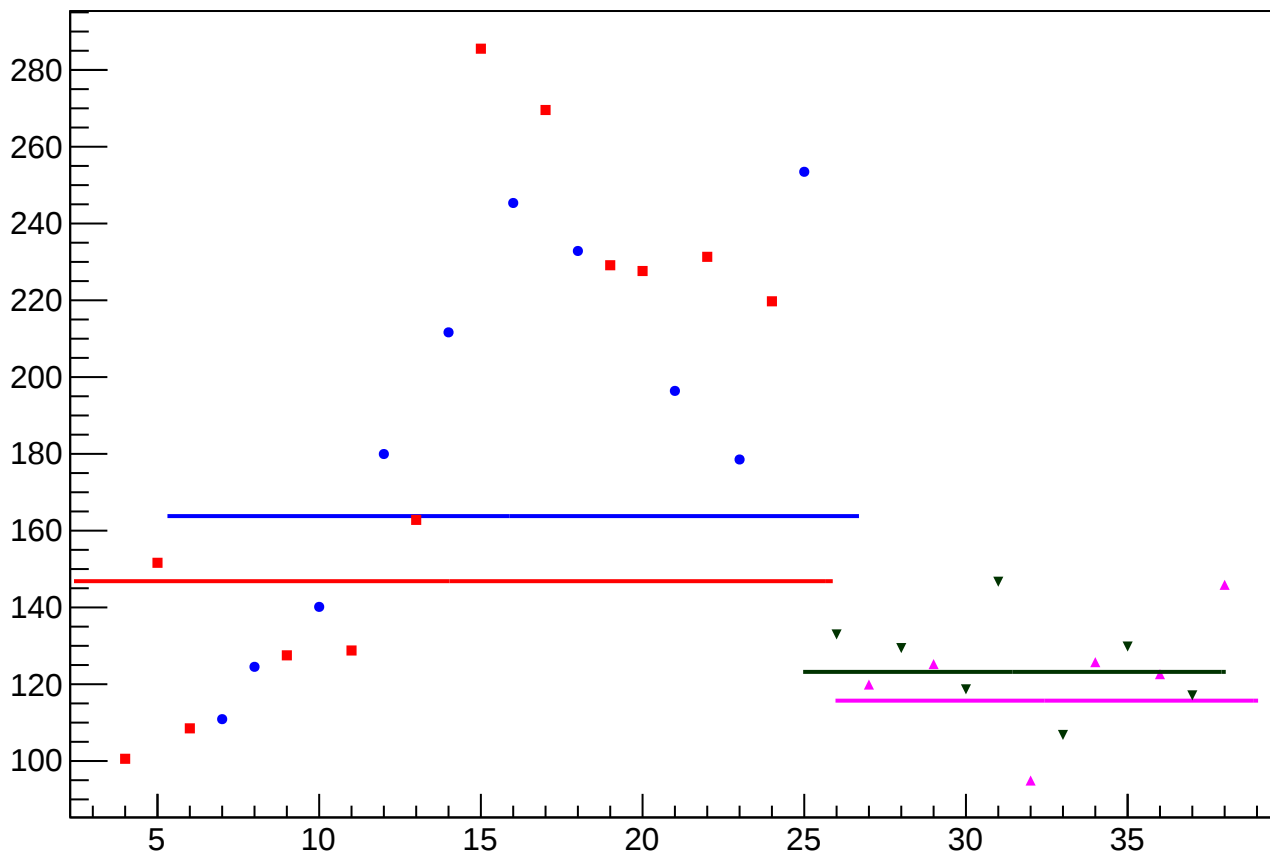
Right Out: 67.441 $\pm$ 61.599 χ^2 /NDF: 0.5/11

Left In: -18.437 $\pm$ 58.290 χ^2 /NDF: 0.2/5

62.476 $\pm$ 46.627 χ^2 /NDF: 7.9/16

22.134 $\pm$ 42.339 χ^2 /NDF: 1.8/17

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: 123.215+/-0.046 χ^2/NDF : 58601.4/6

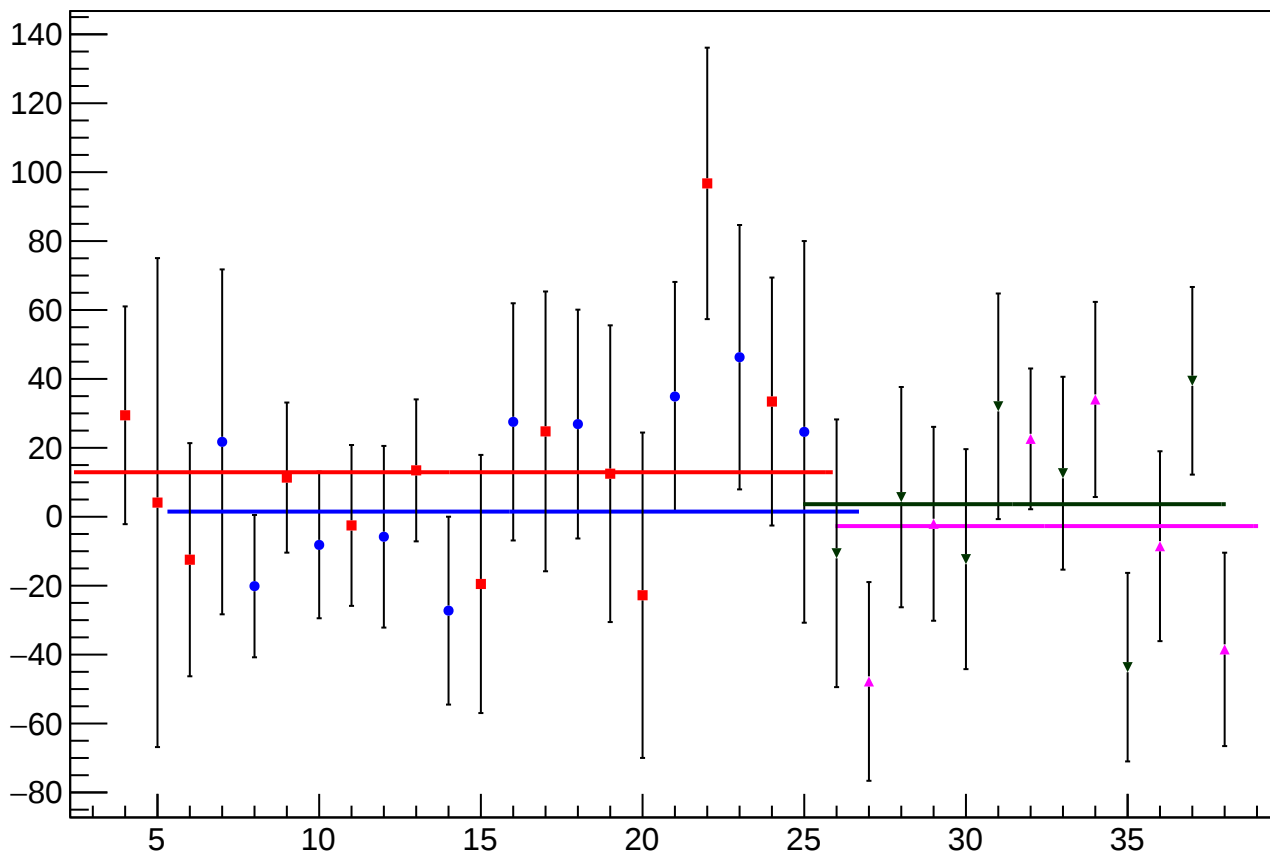
142.703+/-0.033 χ^2/NDF : 1256979.8/16

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

130.423+/-0.030 χ^2/NDF : 1730242.1/17

Left In: 115.722+/-0.041 χ^2/NDF : 148596.9/5

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: 3.648 ± 11.533 χ^2/NDF : 6.0/6

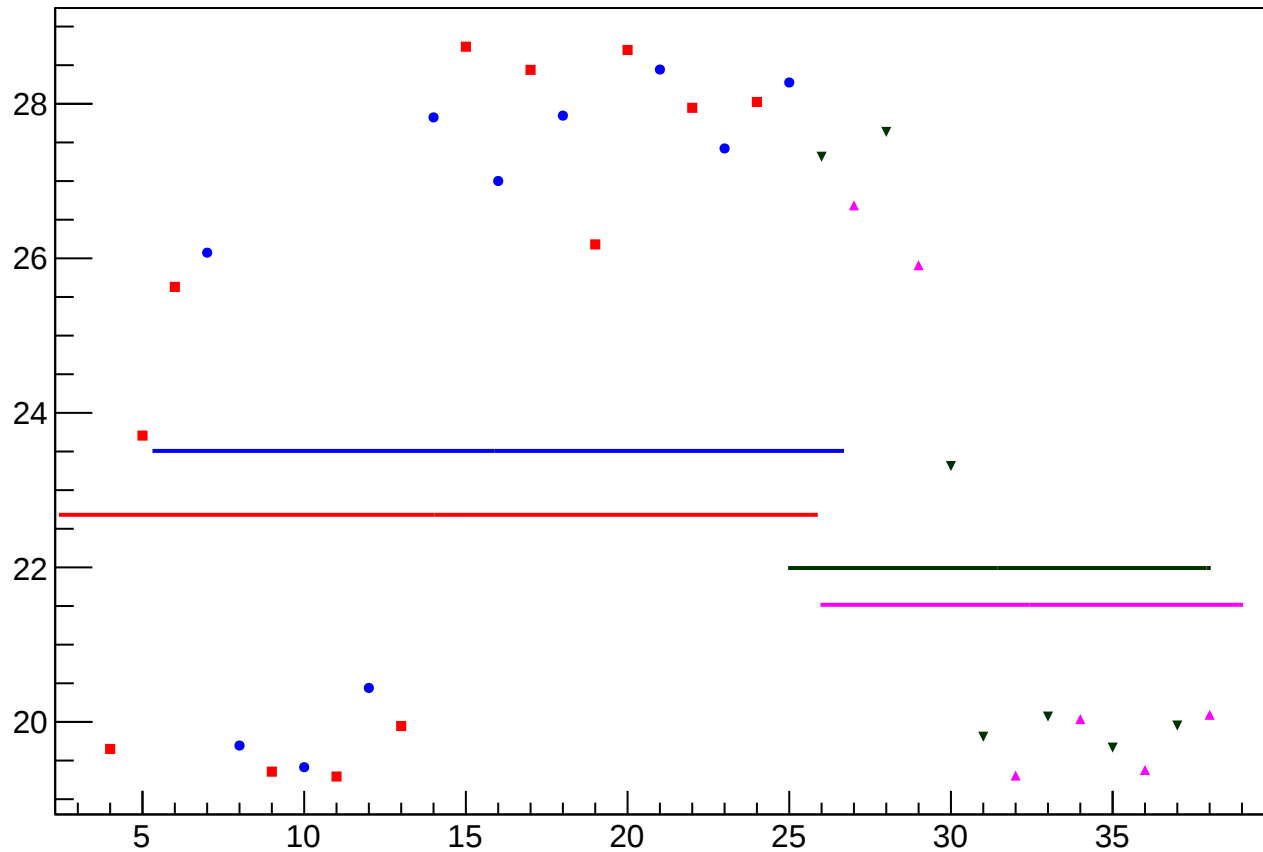
2.353 ± 7.271 χ^2/NDF : 12.3/16

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

6.384 ± 6.934 χ^2/NDF : 16.1/17

Left In: -2.705 ± 10.722 χ^2/NDF : 7.3/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 21.992+/-0.008 χ^2/NDF : 147349.9/6

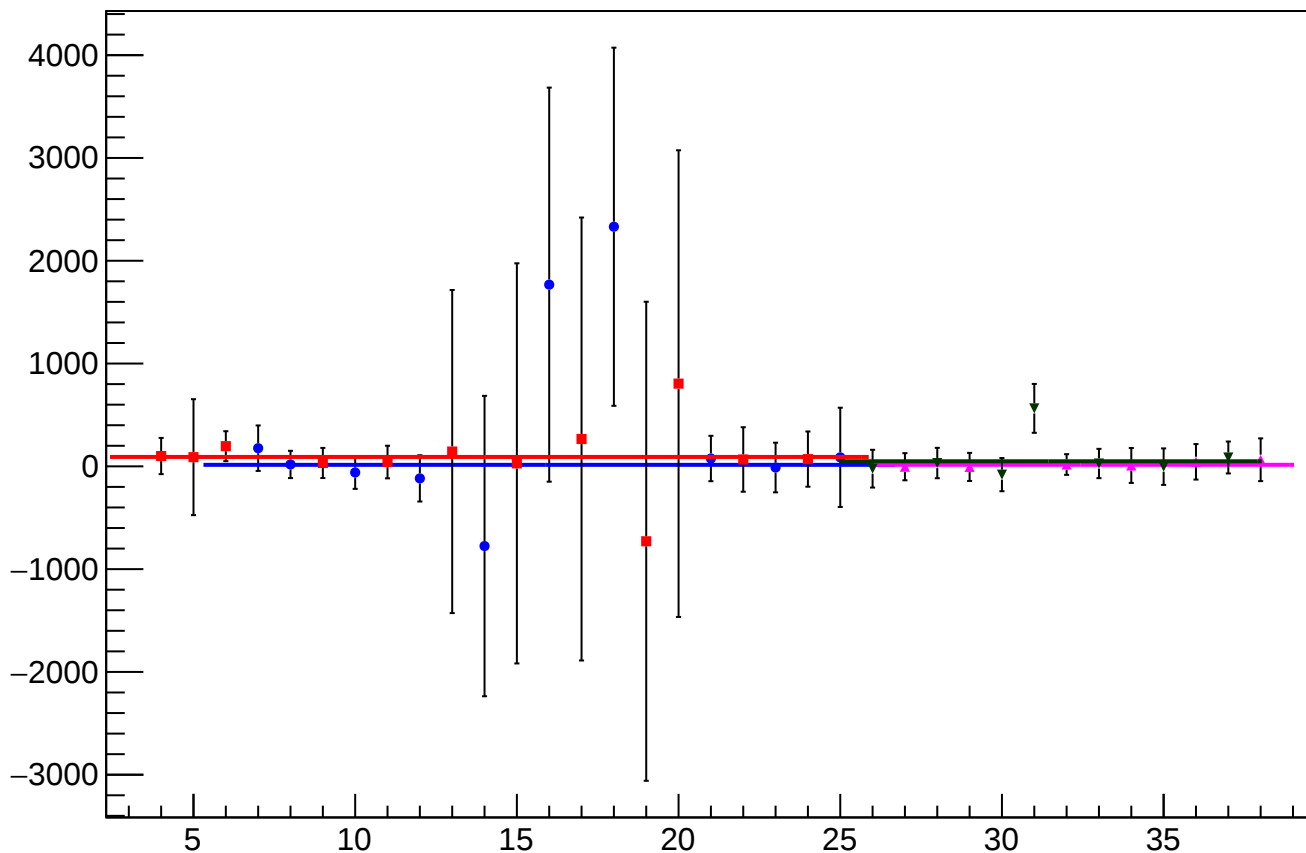
22.905+/-0.005 χ^2/NDF : 527334.4/16

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

22.194+/-0.005 χ^2/NDF : 548999.7/17

Left In: 21.516+/-0.008 χ^2/NDF : 159188.5/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



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

Left Out: 49.322+/-62.750 χ^2/NDF : 5.7/6

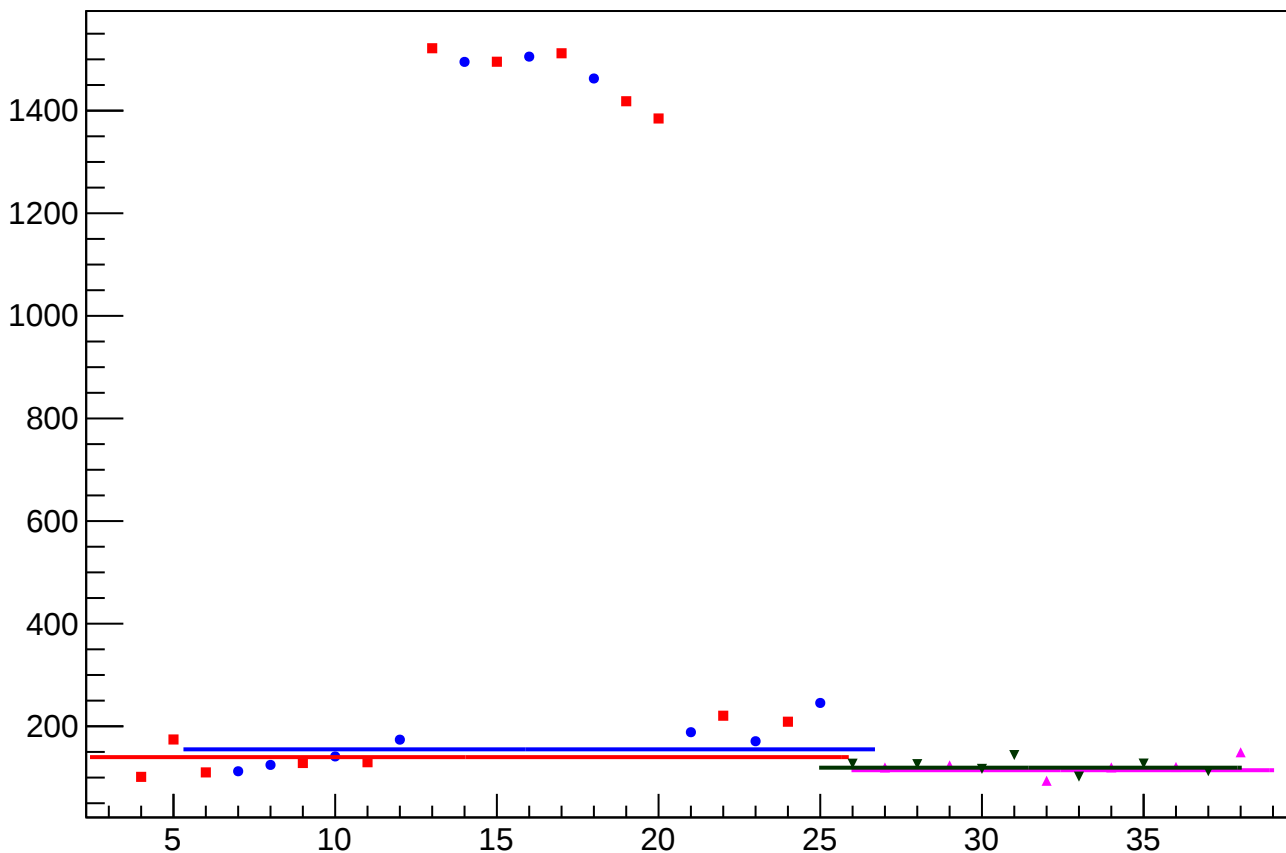
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: 14.976+/-57.600 χ^2/NDF : 0.1/5

34.977+/-48.040 χ^2/NDF : 9.9/16

44.973+/-44.918 χ^2/NDF : 1.8/17

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: 119.296+/-0.044 χ^2/NDF : 67677.1/6

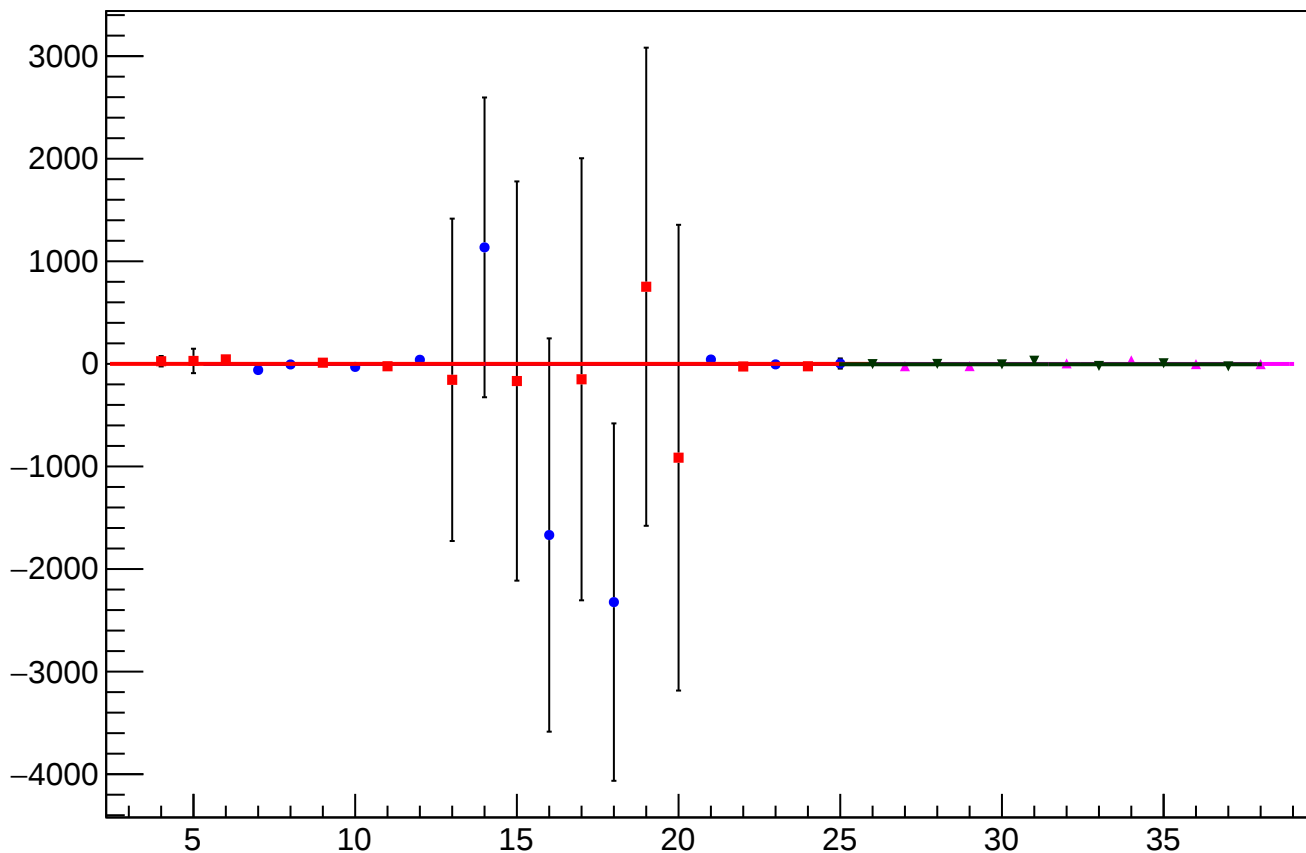
134.094+/-0.034 χ^2/NDF : 4470890.1/16

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

124.358+/-0.032 χ^2/NDF : 5313546.4/17

Left In: 114.362+/-0.041 χ^2/NDF : 158108.3/5

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: -3.874+/-11.354 χ^2/NDF : 2.2/6

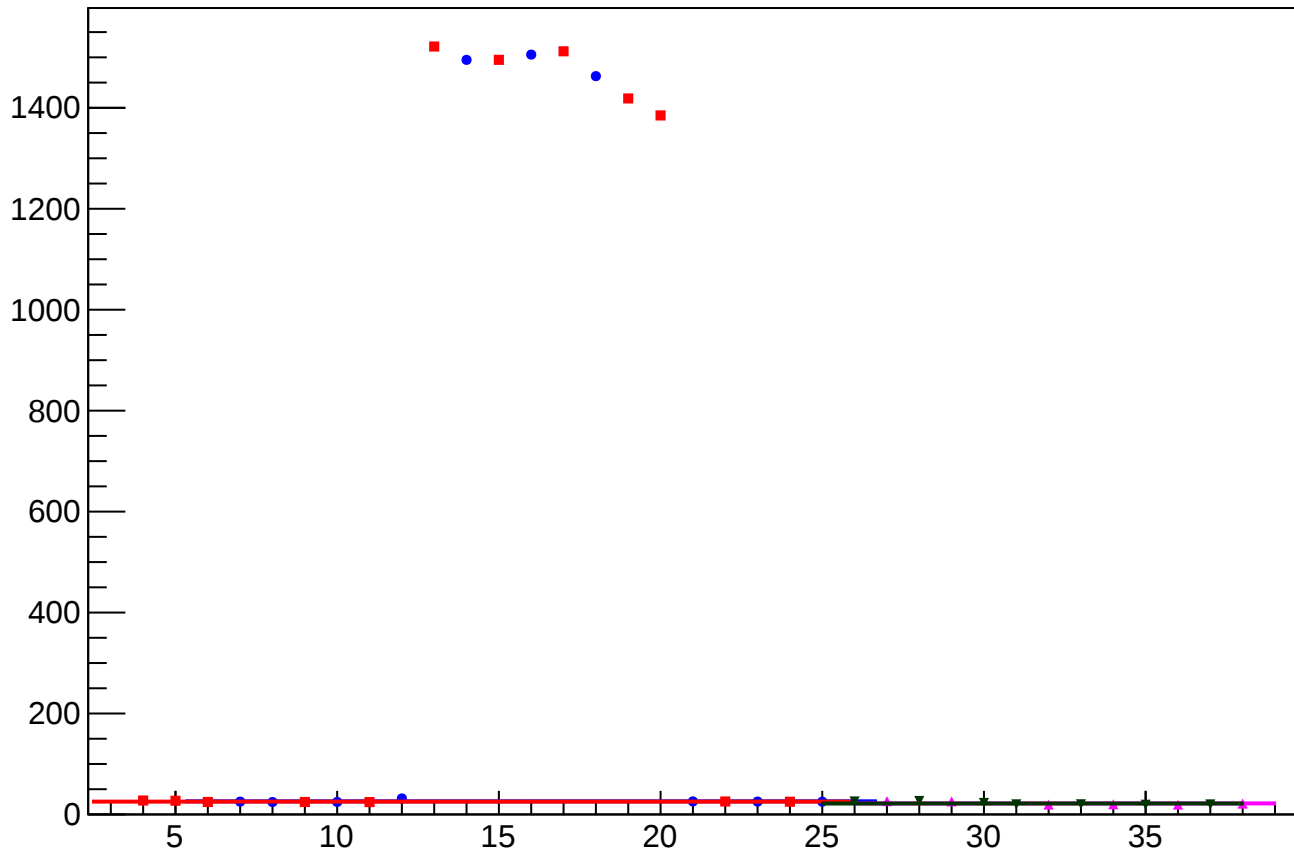
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -0.827+/-10.899 χ^2/NDF : 2.8/5

-2.717+/-8.484 χ^2/NDF : 10.9/16

-0.521+/-8.459 χ^2/NDF : 7.0/17

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: 21.682+/-0.008 χ^2 /NDF:116206.8/6

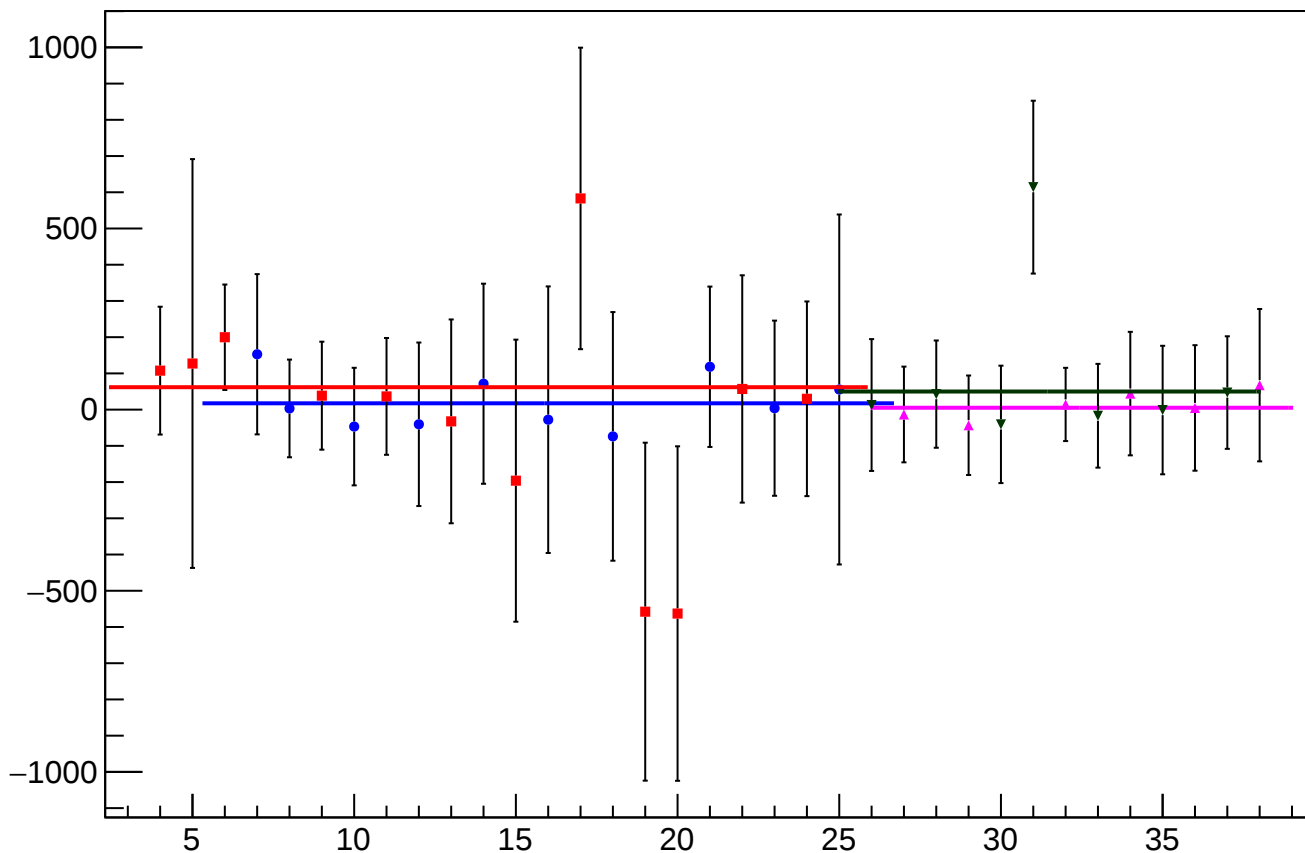
Right Out: 25.431+/-0.009 χ^2 /NDF: 5346262.0/11

Left In: 21.902+/-0.008 χ^2 /NDF:137205.9/5

23.588+/-0.006 χ^2 /NDF: 4864947.1/16

23.305+/-0.006 χ^2 /NDF: 5566837.4/17

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: 49.975 ± 62.813 χ^2/NDF : 6.3/6

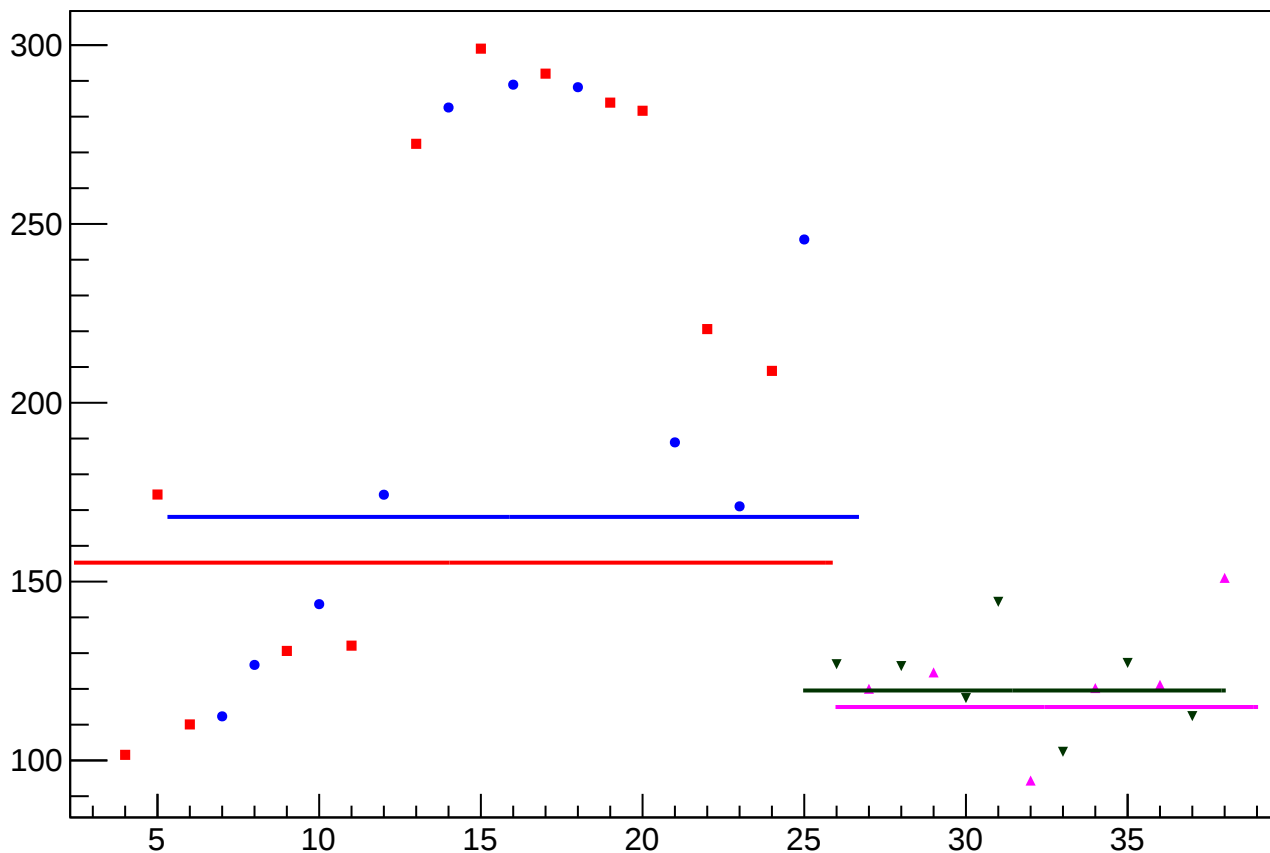
35.475 ± 46.760 χ^2/NDF : 7.3/16

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

29.530 ± 43.736 χ^2/NDF : 7.5/17

Left In: 5.189 ± 57.883 χ^2/NDF : 0.3/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 119.555 $\pm$ 0.044 χ^2 /NDF: 66127.9/6

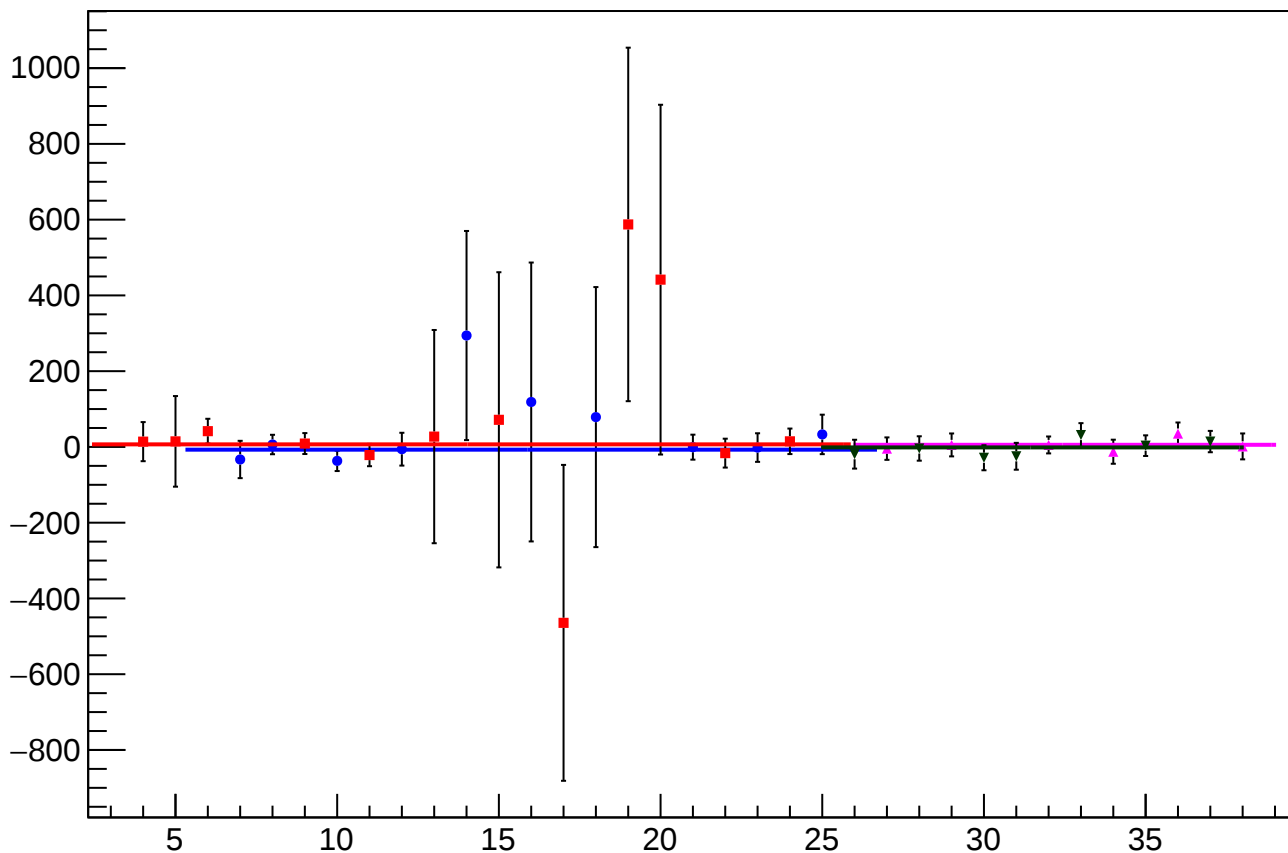
141.192 $\pm$ 0.033 χ^2 /NDF: 1834771.9/16

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

132.256 $\pm$ 0.031 χ^2 /NDF: 2356833.5/17

Left In: 114.937 $\pm$ 0.041 χ^2 /NDF: 159051.5/5

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: -1.275+/-11.961 χ^2/NDF : 2.8/6

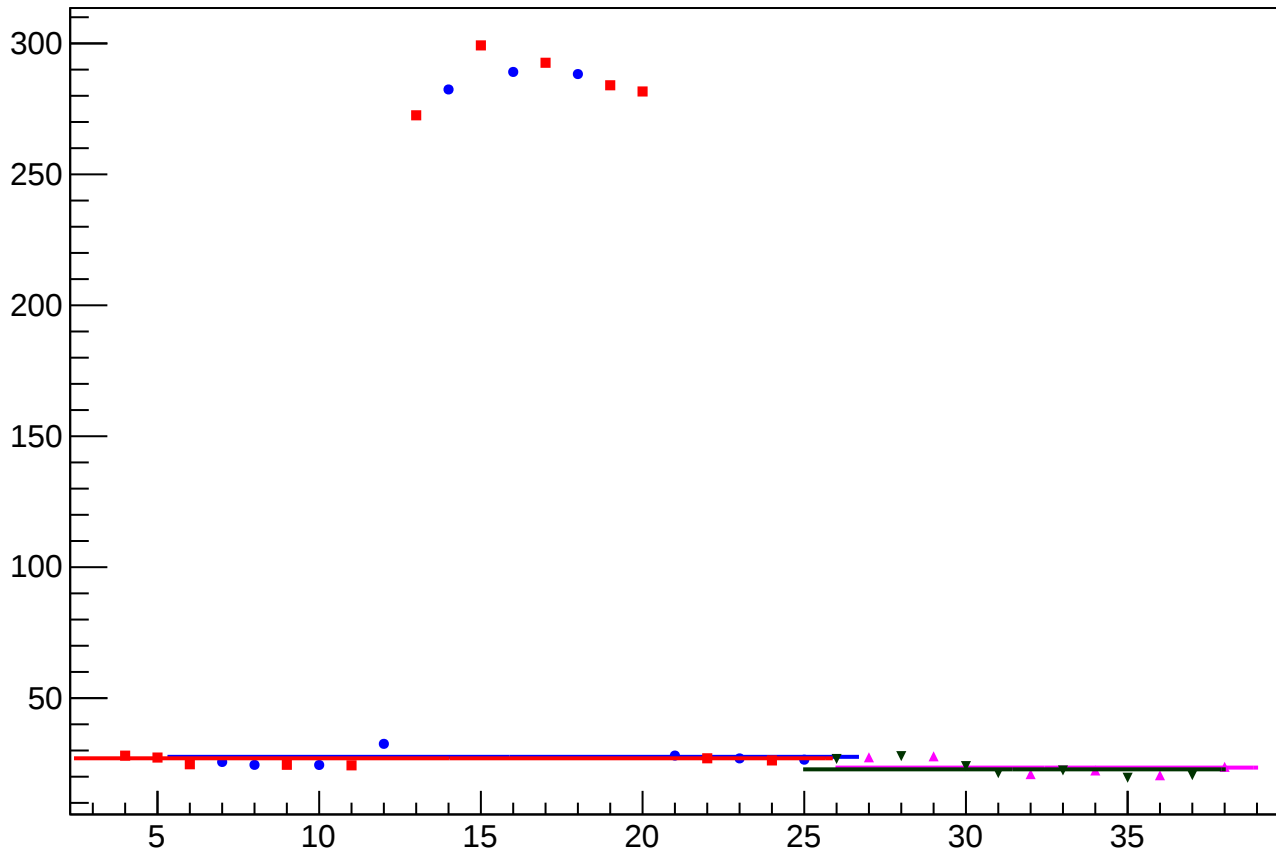
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 5.621+/-11.747 χ^2/NDF : 1.5/5

-3.997+/-8.818 χ^2/NDF : 6.7/16

6.111+/-8.875 χ^2/NDF : 7.7/17

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: 22.805+/-0.008 χ^2/NDF : 117061.3/6

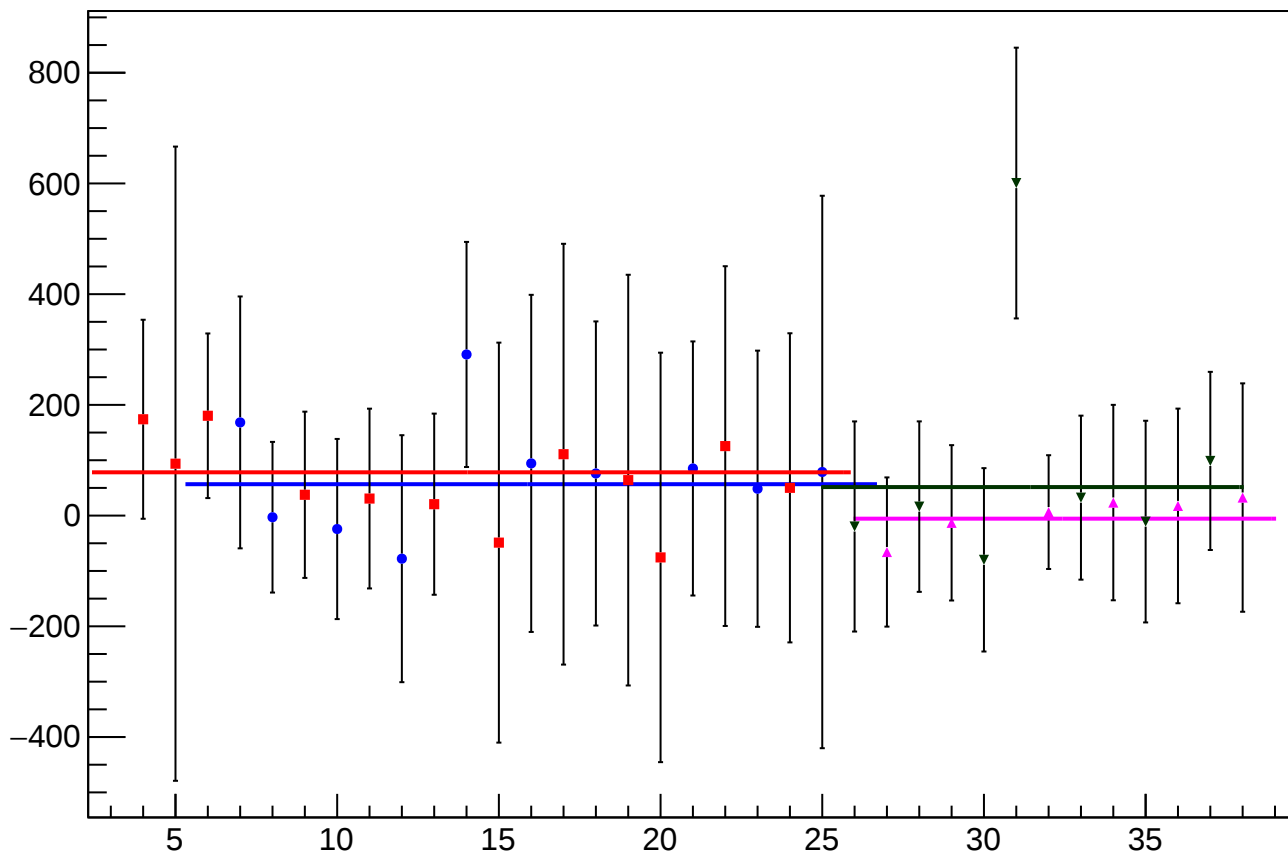
Right Out: 27.023+/-0.010 χ^2/NDF : 4568943.2/11

Left In: 23.473+/-0.008 χ^2/NDF : 123067.4/5

24.986+/-0.006 χ^2/NDF : 4216559.0/16

24.997+/-0.006 χ^2/NDF : 4770411.8/17

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: 51.524 $\pm$ 64.896 χ^2 /NDF: 6.1/6

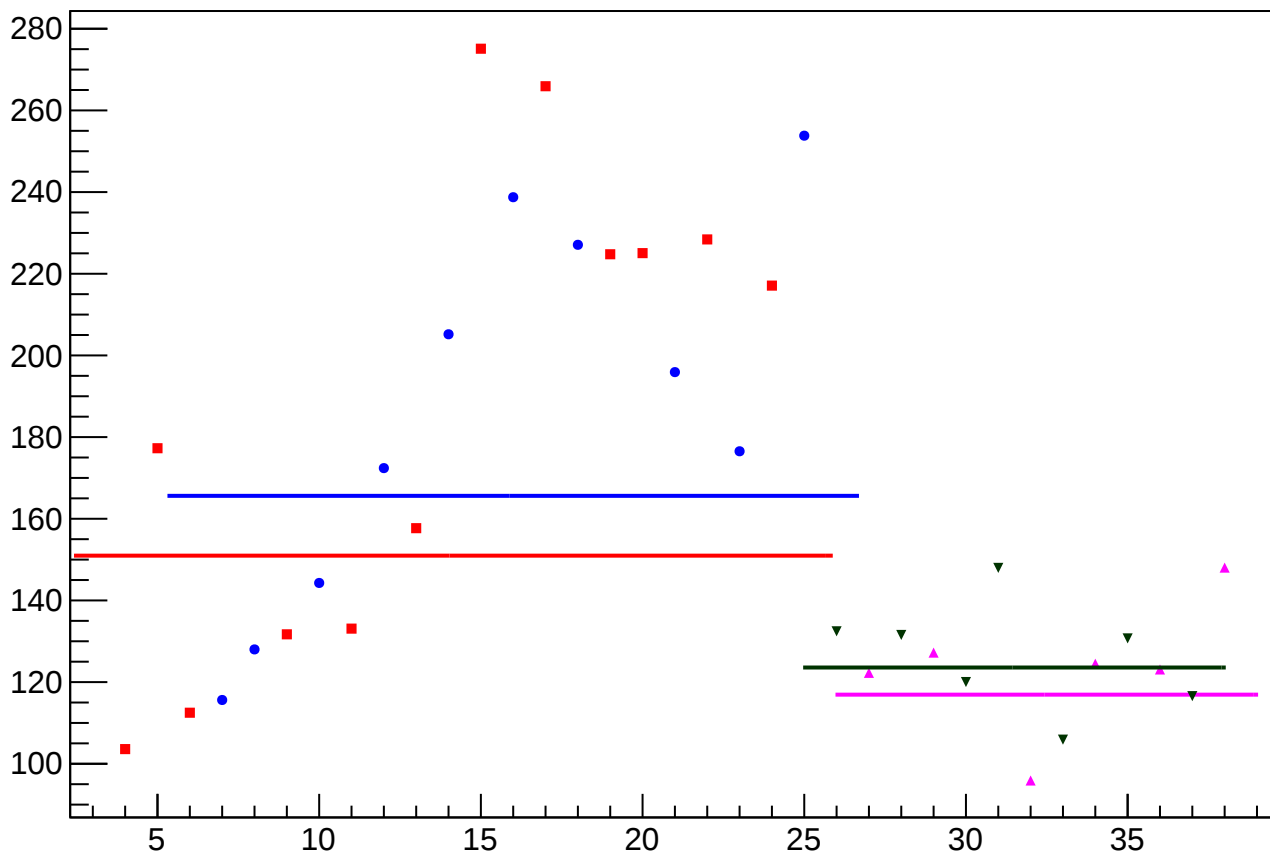
Right Out: 78.185 $\pm$ 63.204 χ^2 /NDF: 1.4/11

Left In: -5.551 $\pm$ 58.871 χ^2 /NDF: 0.3/5

54.013 $\pm$ 46.833 χ^2 /NDF: 8.5/16

33.349 $\pm$ 43.079 χ^2 /NDF: 2.6/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 165.614+/-0.048 χ^2/NDF : 678005.1/9

Left Out: 123.574+/-0.046 χ^2/NDF : 65853.9/6

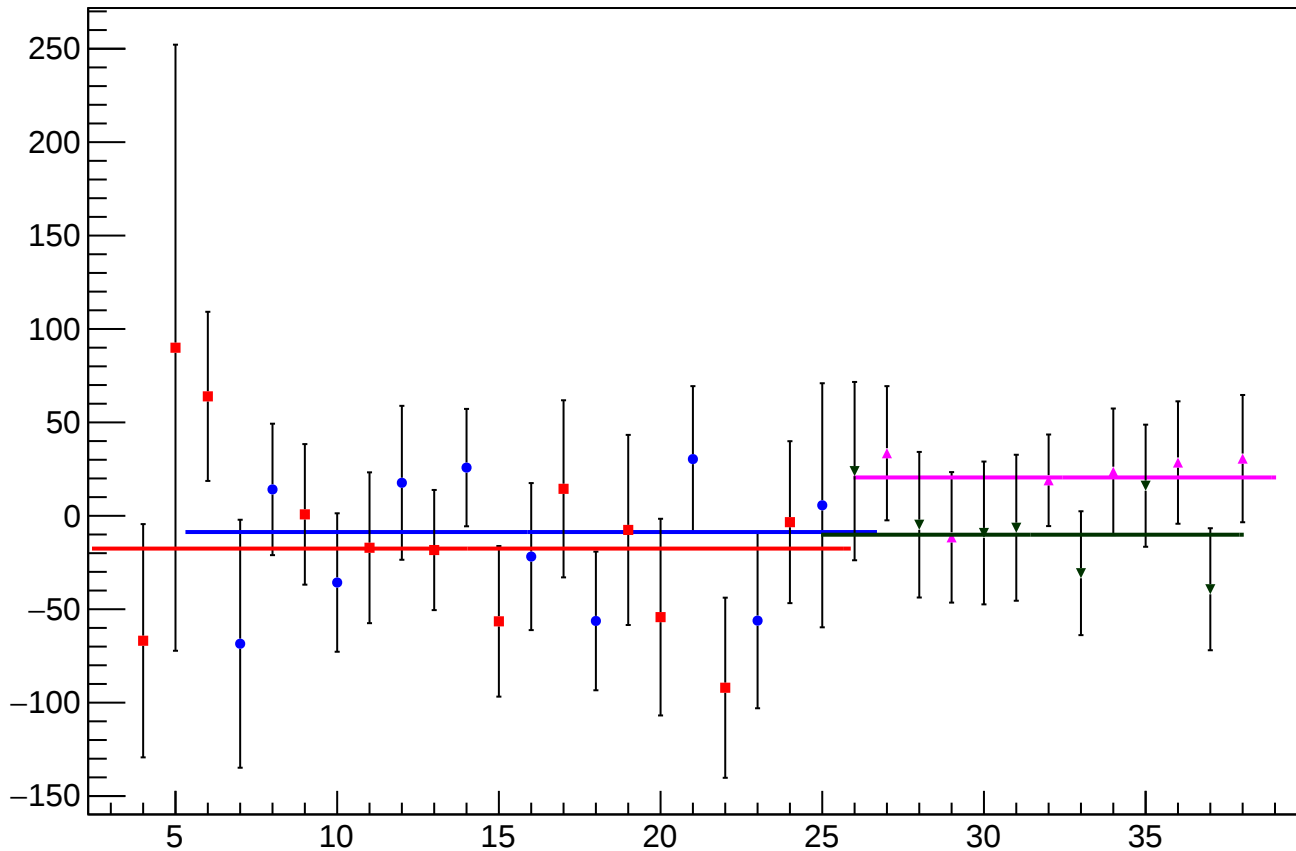
143.720+/-0.033 χ^2/NDF : 1146061.9/16

Right Out: 150.968+/-0.045 χ^2/NDF : 1141850.9/11

132.741+/-0.030 χ^2/NDF : 1601782.9/17

Left In: 116.927+/-0.042 χ^2/NDF : 149284.7/5

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: -10.114 ± 13.839 χ^2/NDF : 2.4/6

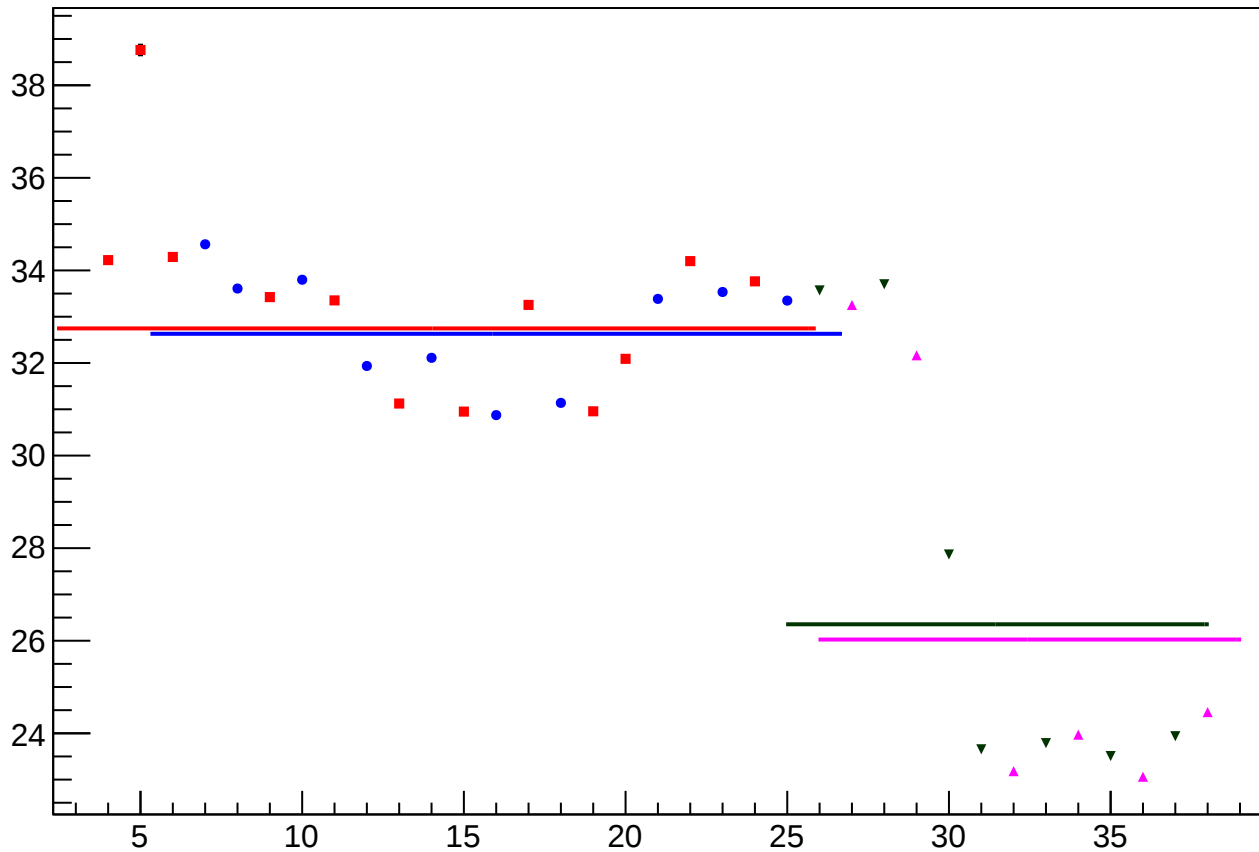
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: 20.536 ± 12.991 χ^2/NDF : 1.1/5

-9.343 ± 9.405 χ^2/NDF : 9.6/16

1.636 ± 9.219 χ^2/NDF : 14.3/17

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: 26.355+/-0.010 χ^2/NDF :167578.6/6

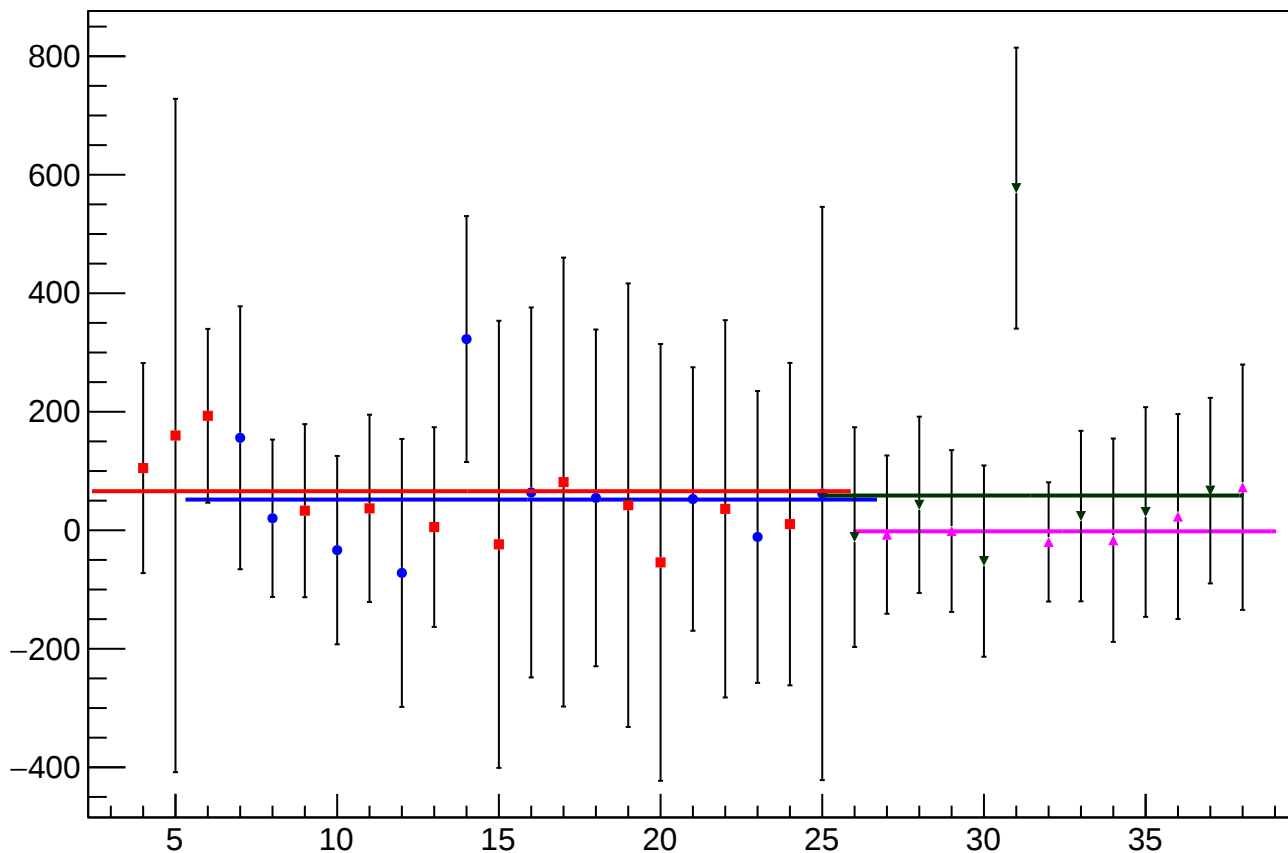
Right Out: 32.747+/-0.009 χ^2/NDF : 22297.5/11

Left In: 26.026+/-0.009 χ^2/NDF :197708.1/5

29.732+/-0.007 χ^2/NDF : 404192.3/16

29.362+/-0.007 χ^2/NDF : 485755.8/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.834 ± 66.963 χ^2/NDF : 2.6/9

Left Out: 58.662 ± 63.053 χ^2/NDF : 5.5/6

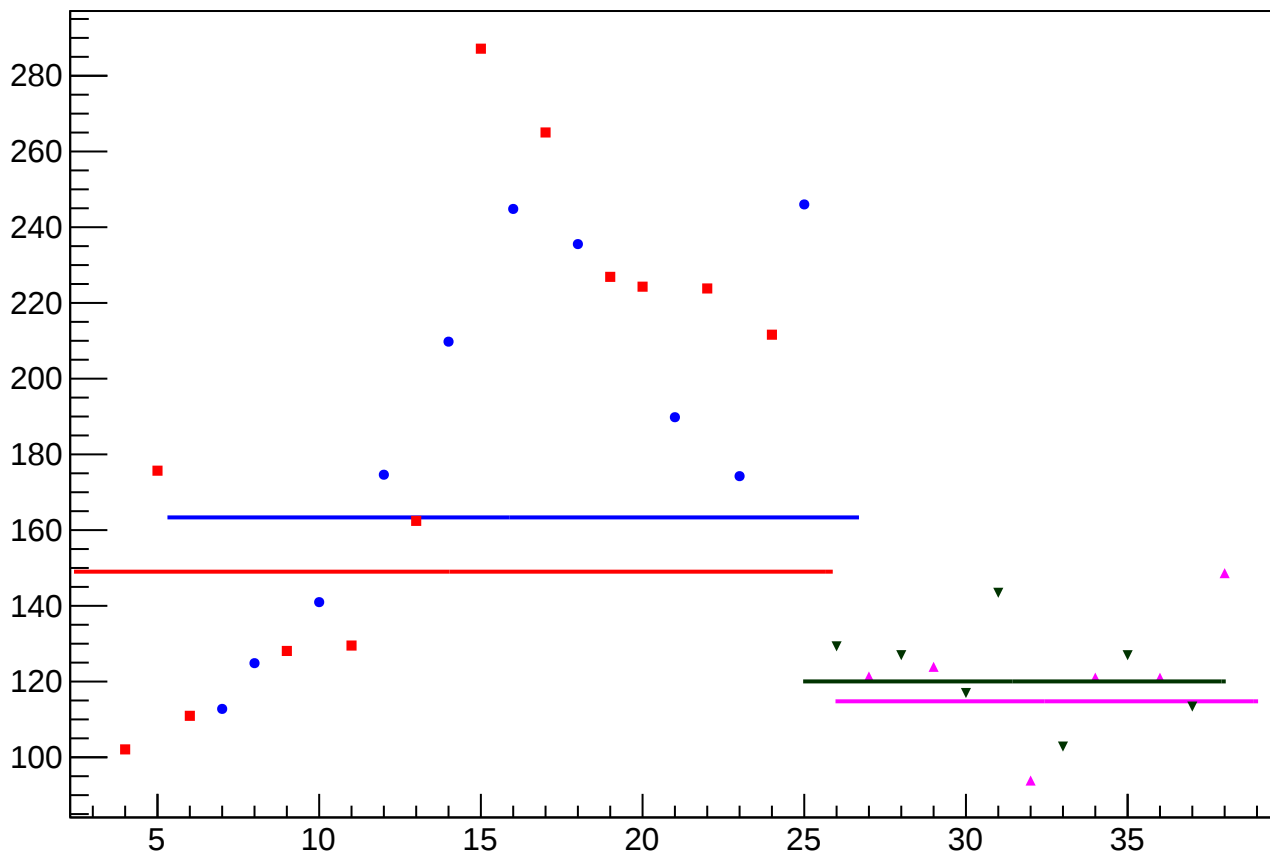
Right Out: 65.954 ± 62.568 χ^2/NDF : 1.3/11

Left In: -1.759 ± 57.809 χ^2/NDF : 0.2/5

55.453 ± 45.905 χ^2/NDF : 8.1/16

29.424 ± 42.460 χ^2/NDF : 2.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 163.355 $\pm$ 0.047 χ^2 /NDF: 772602.2/9

Left Out: 120.036 $\pm$ 0.045 χ^2 /NDF: 64831.8/6

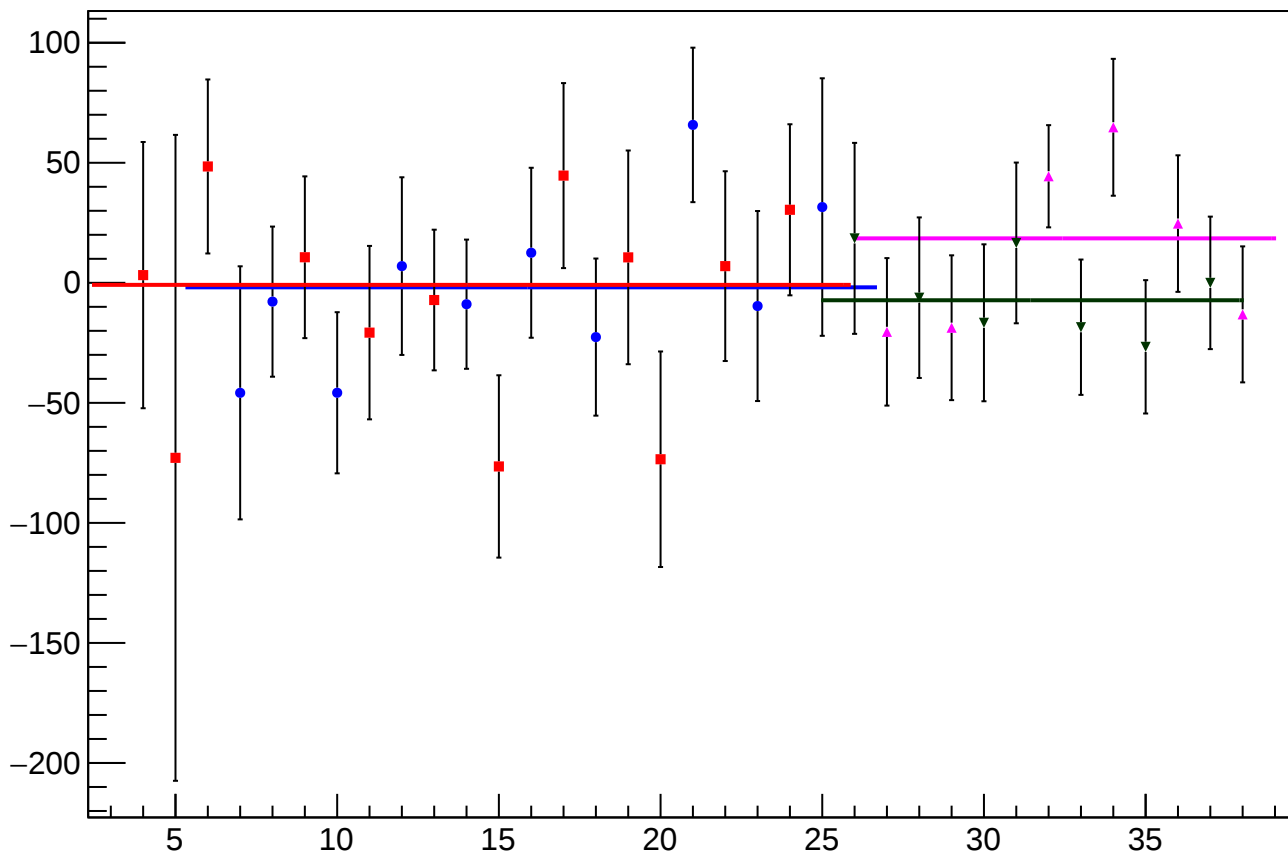
140.394 $\pm$ 0.032 χ^2 /NDF: 1281085.1/16

Right Out: 149.022 $\pm$ 0.044 χ^2 /NDF: 1205634.3/11

130.550 $\pm$ 0.030 χ^2 /NDF: 1687721.6/17

Left In: 114.782 $\pm$ 0.041 χ^2 /NDF: 158978.7/5

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: -7.263+/-11.766 χ^2/NDF : 1.7/6

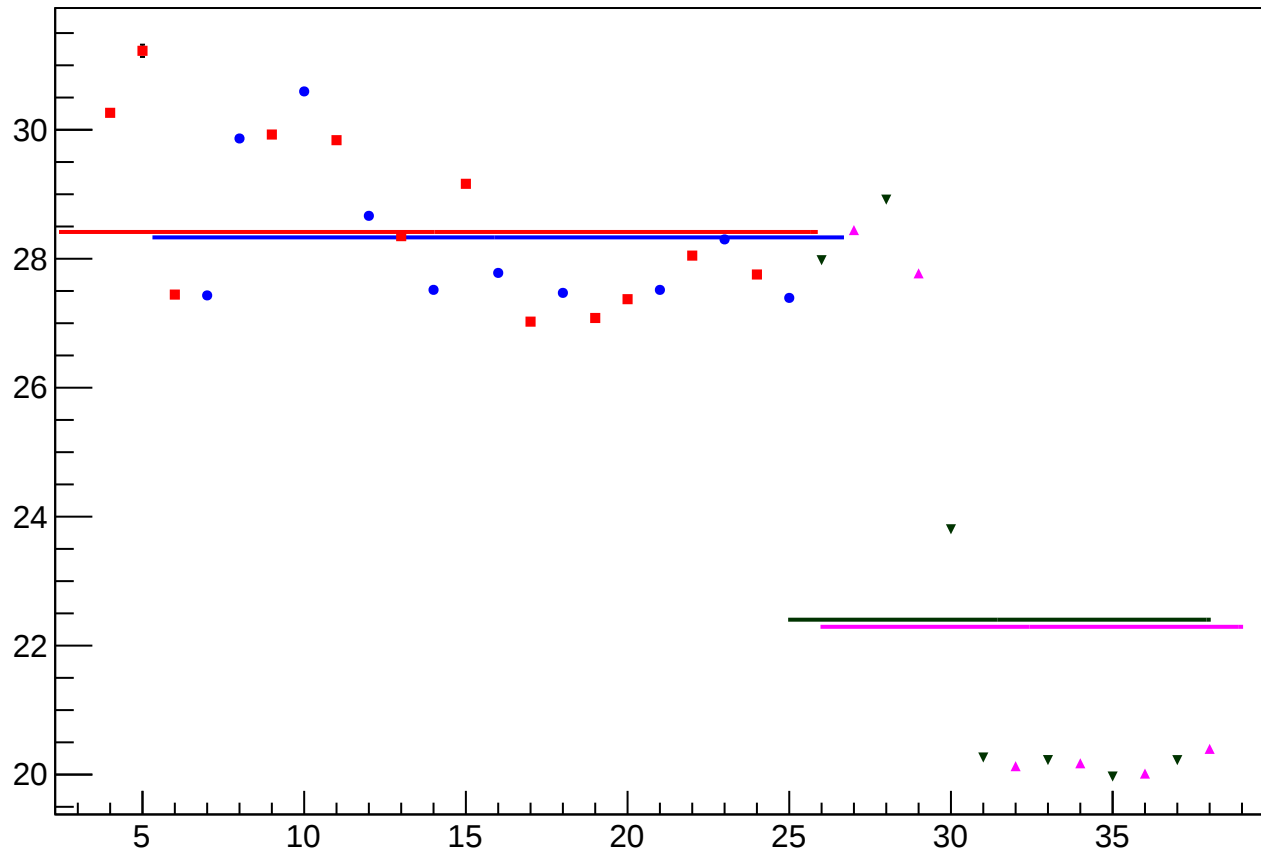
Right Out: -0.853+/-11.359 χ^2/NDF : 11.5/11

Left In: 18.515+/-11.125 χ^2/NDF : 8.5/5

-4.424+/-8.087 χ^2/NDF : 9.8/16

9.032+/-7.948 χ^2/NDF : 21.5/17

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: 22.402+/-0.008 χ^2 /NDF:166791.3/6

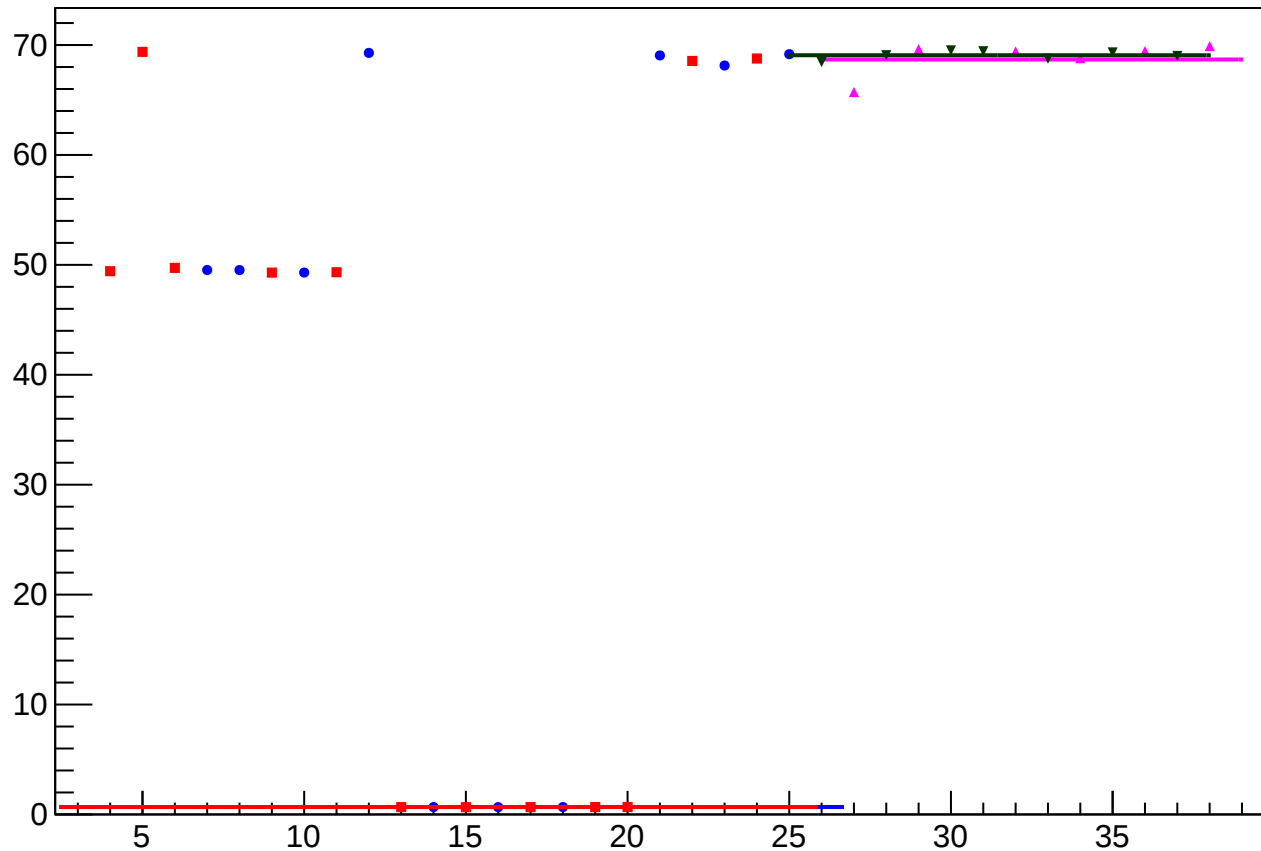
Right Out: 28.415+/-0.008 χ^2 /NDF: 18780.8/11

Left In: 22.292+/-0.008 χ^2 /NDF:199710.5/5

25.530+/-0.006 χ^2 /NDF: 454974.0/16

25.290+/-0.006 χ^2 /NDF: 515161.3/17

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.070+/-0.000 χ^2/NDF :13690609.4/6

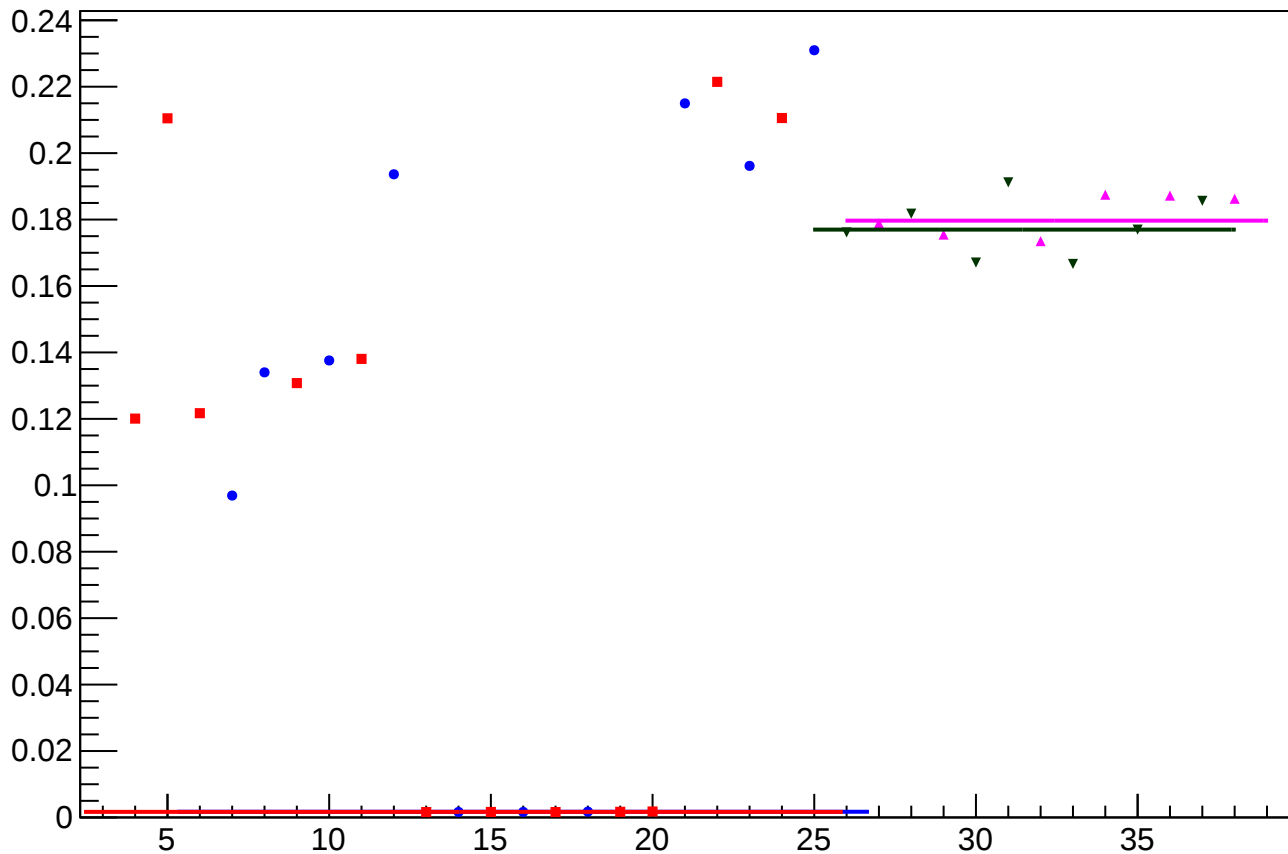
Right Out: 0.677+/-0.000 χ^2/NDF : 436954244556.0/11

Left In: 68.684+/-0.000 χ^2/NDF :292604120.0/5

0.687+/-0.000 χ^2/NDF : 1022998706068.8/16

0.686+/-0.000 χ^2/NDF : 1003283453108.1/17

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.177+/-0.000 χ^2/NDF :14602.5/6

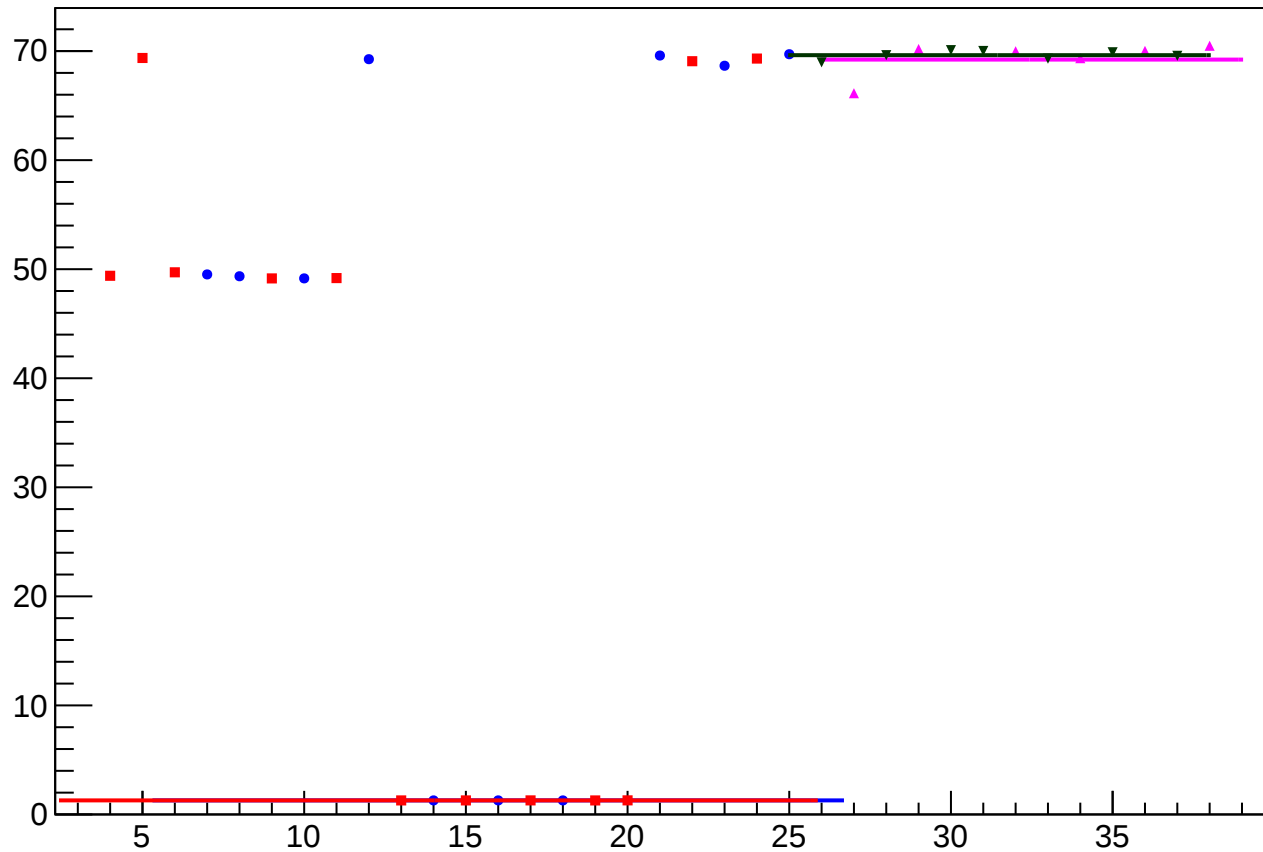
0.002+/-0.000 χ^2/NDF : 14594604.8/16

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

0.002+/-0.000 χ^2/NDF : 14398240.7/17

Left In: 0.180+/-0.000 χ^2/NDF :7639.7/5

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.626+/-0.000 χ^2/NDF :14250382.2/6

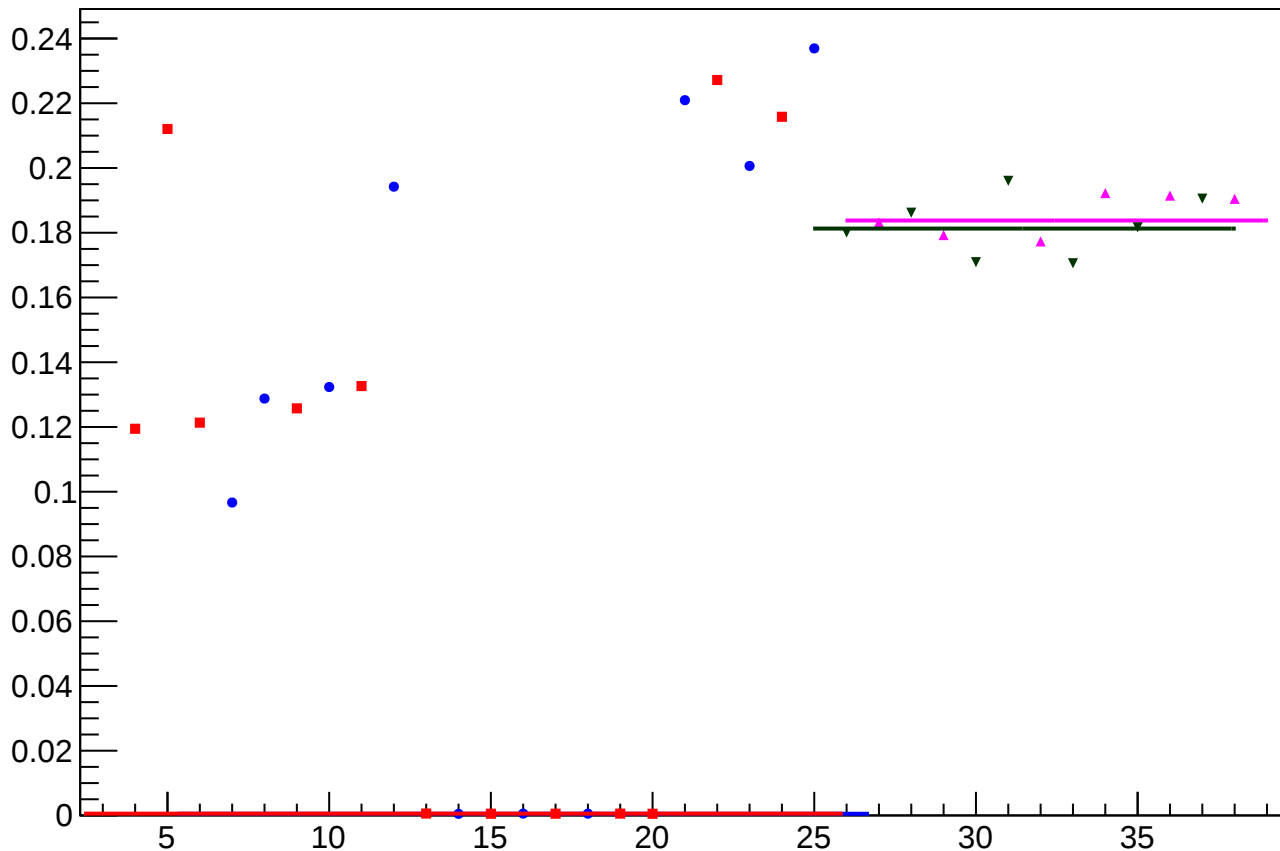
1.291+/-0.000 χ^2/NDF : 996309501539.0/16

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

1.290+/-0.000 χ^2/NDF : 977413530357.0/17

Left In: 69.220+/-0.000 χ^2/NDF :302239147.4/5

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.181+/-0.000 χ^2/NDF :15164.9/6

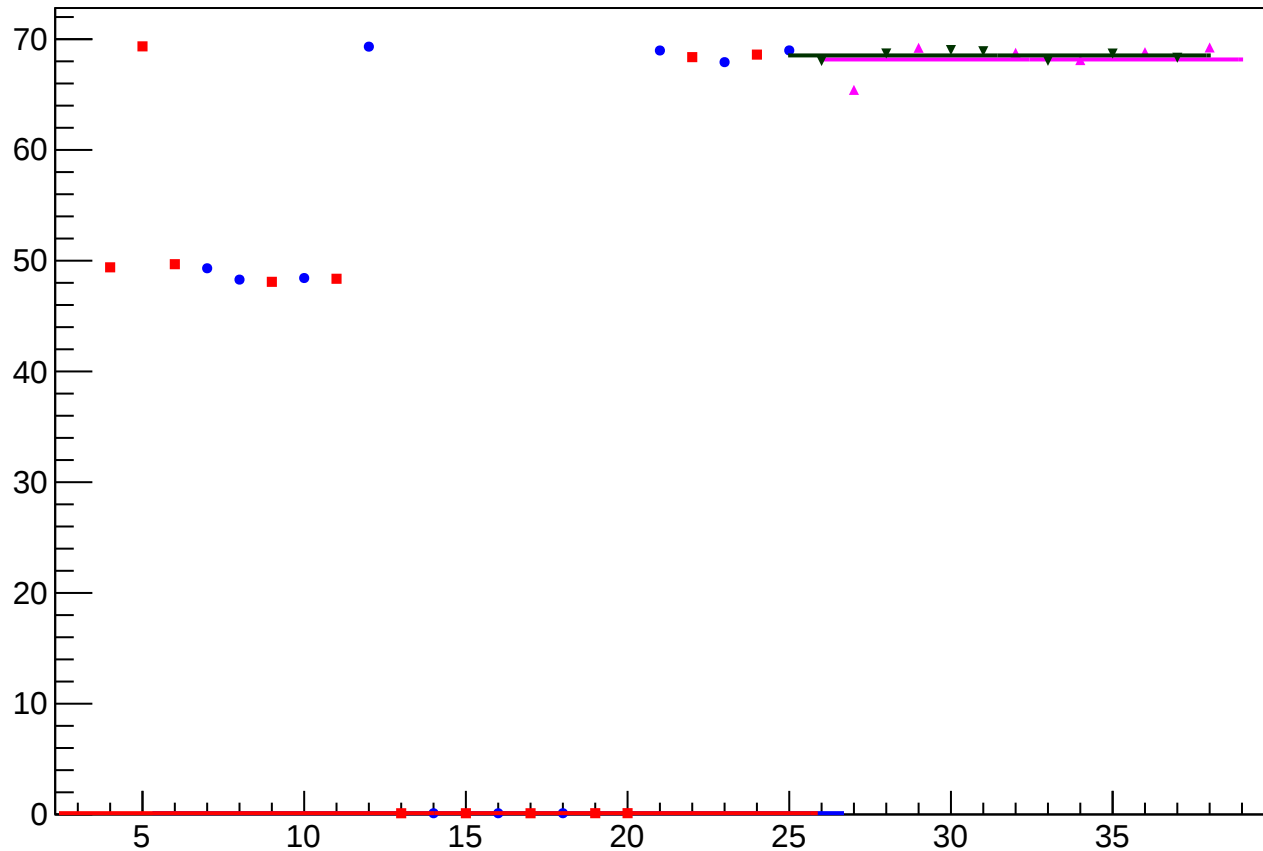
0.001+/-0.000 χ^2/NDF : 14820219.5/16

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

0.001+/-0.000 χ^2/NDF : 14602411.8/17

Left In: 0.184+/-0.000 χ^2/NDF :8005.8/5

yield_bcm_an_us_mean vs slug



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

Left Out: 68.533+/-0.000 χ^2/NDF :15643279.8/6

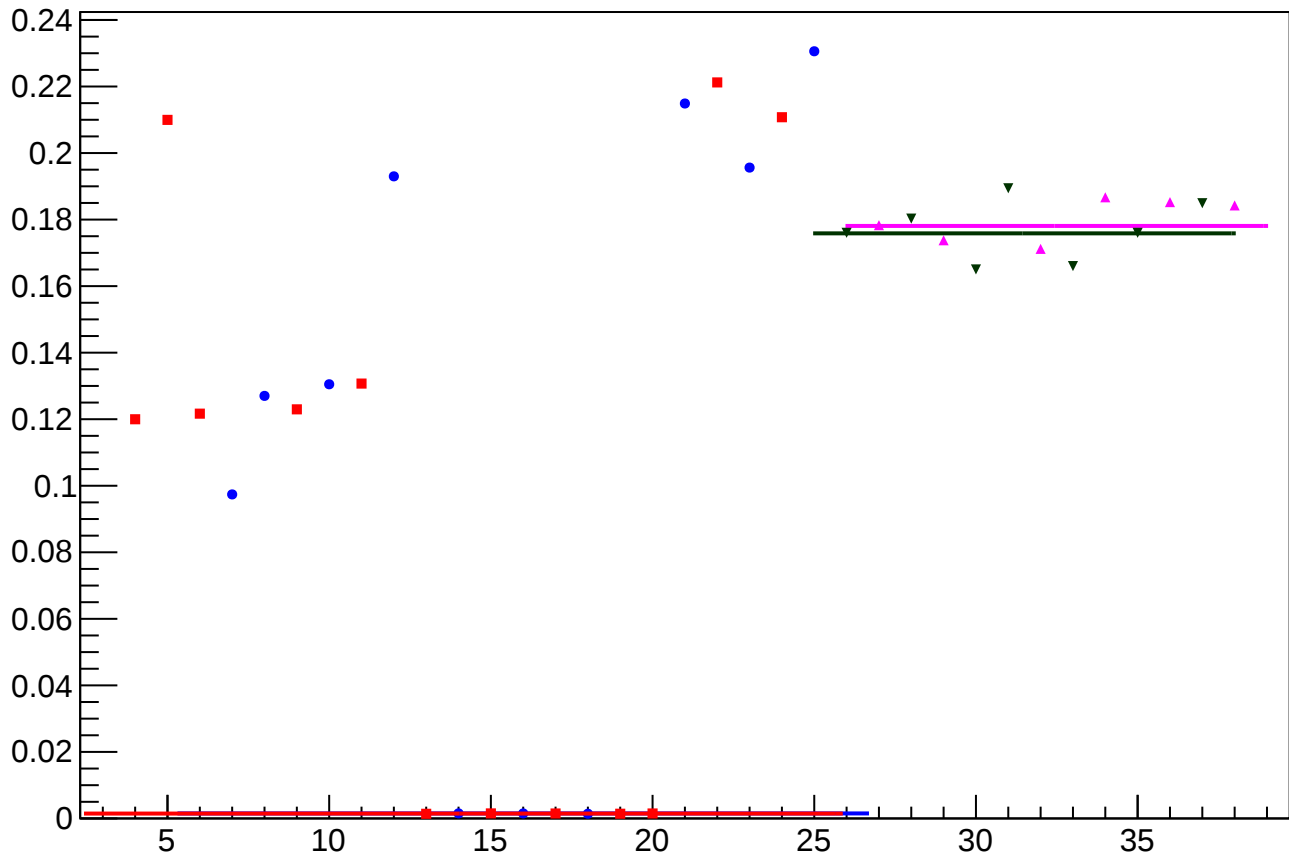
0.126+/-0.000 χ^2/NDF : 1050742883840.3/16

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

0.123+/-0.000 χ^2/NDF : 1036154441014.9/17

Left In: 68.168+/-0.000 χ^2/NDF :257506150.7/5

yield_bcm_an_us_rms vs slug



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

Left Out: 0.176+/-0.000 χ^2/NDF :14872.7/6

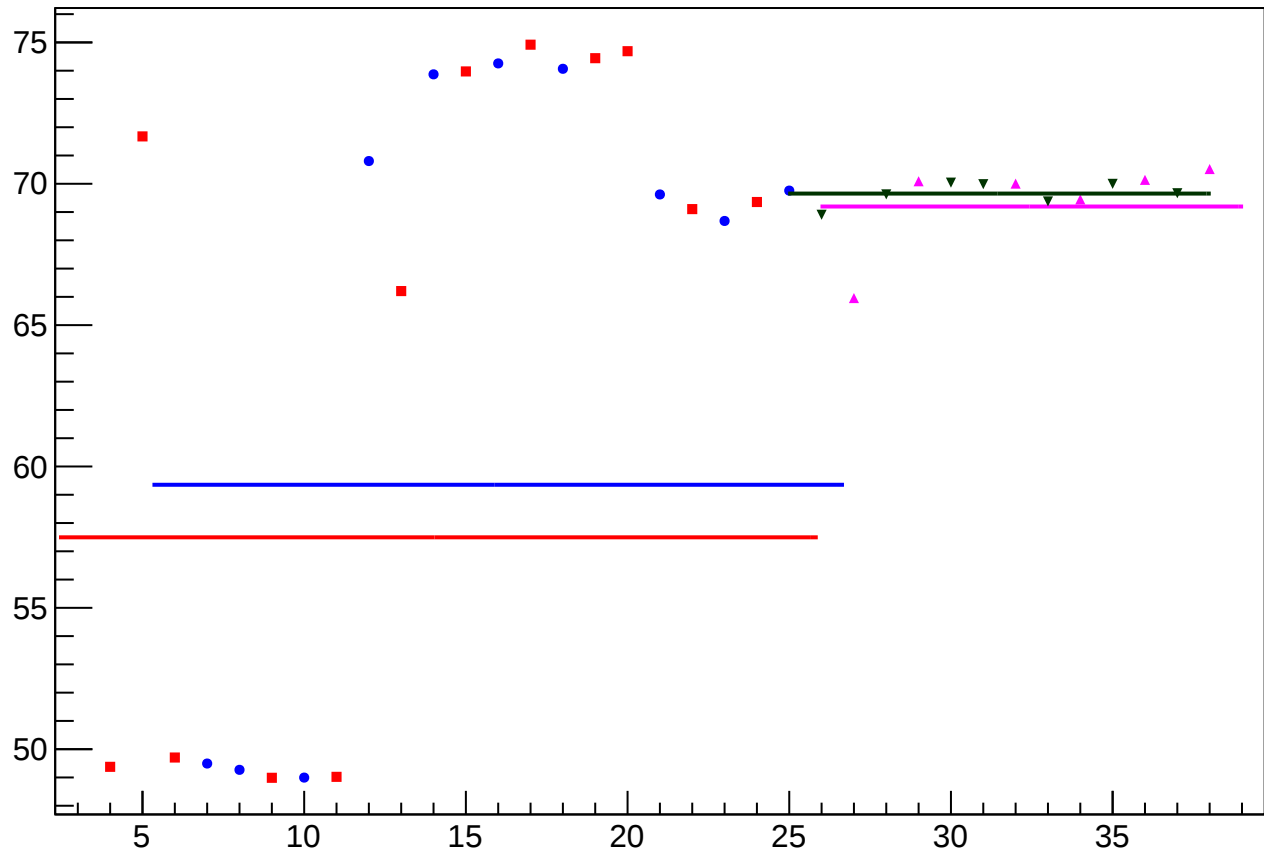
0.002+/-0.000 χ^2/NDF : 14600942.0/16

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

0.001+/-0.000 χ^2/NDF : 14426153.6/17

Left In: 0.178+/-0.000 χ^2/NDF :8425.8/5

yield_bcm_dg_us_mean vs slug



Right In: 59.353 $\pm$ 0.000 χ^2/NDF : 27193338504.5/9

Left Out: 69.653 $\pm$ 0.000 χ^2/NDF :13842798.0/6

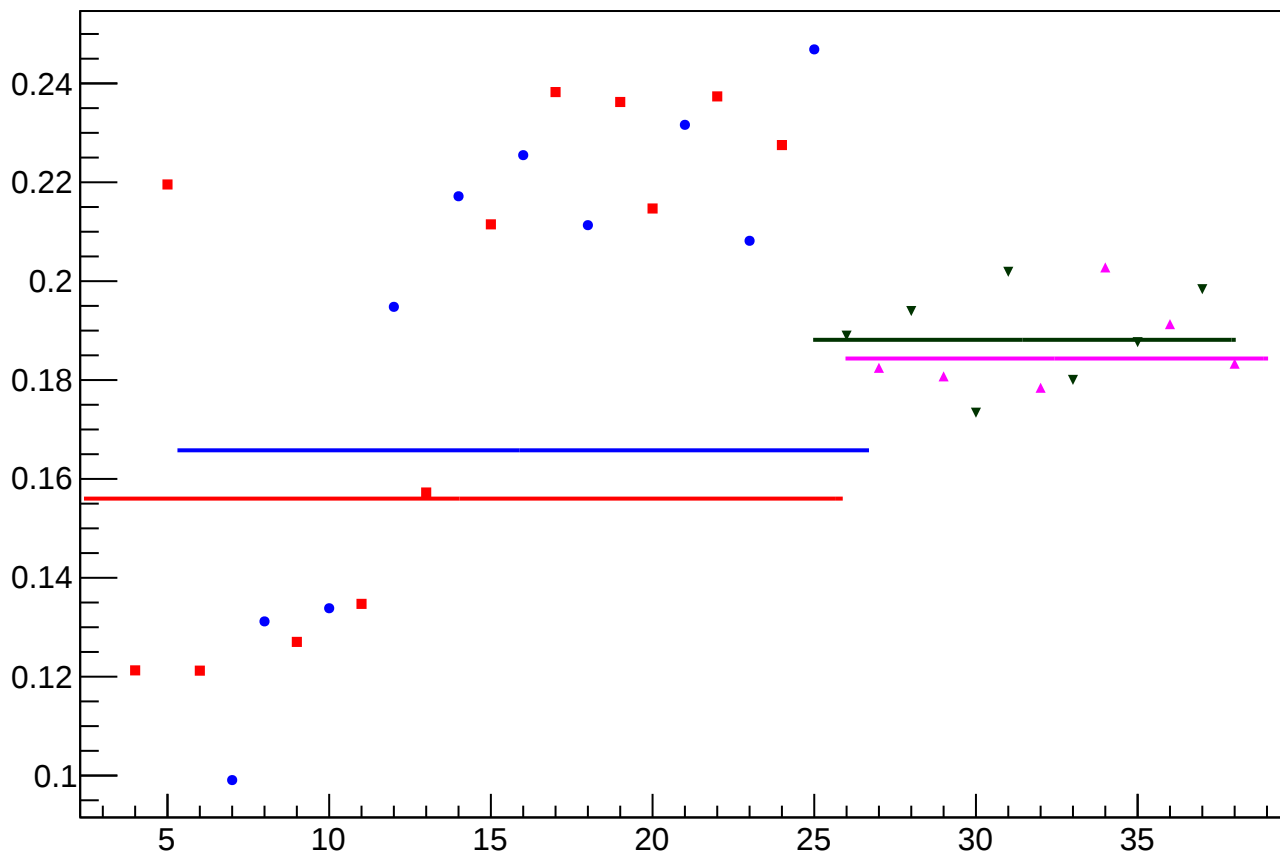
62.696 $\pm$ 0.000 χ^2/NDF : 34386173164.2/16

Right Out: 57.494 $\pm$ 0.000 χ^2/NDF : 25320800059.8/11

61.440 $\pm$ 0.000 χ^2/NDF : 36162909904.1/17

Left In: 69.196 $\pm$ 0.000 χ^2/NDF :331555872.6/5

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.188+/-0.000 χ^2/NDF : 16784.8/6

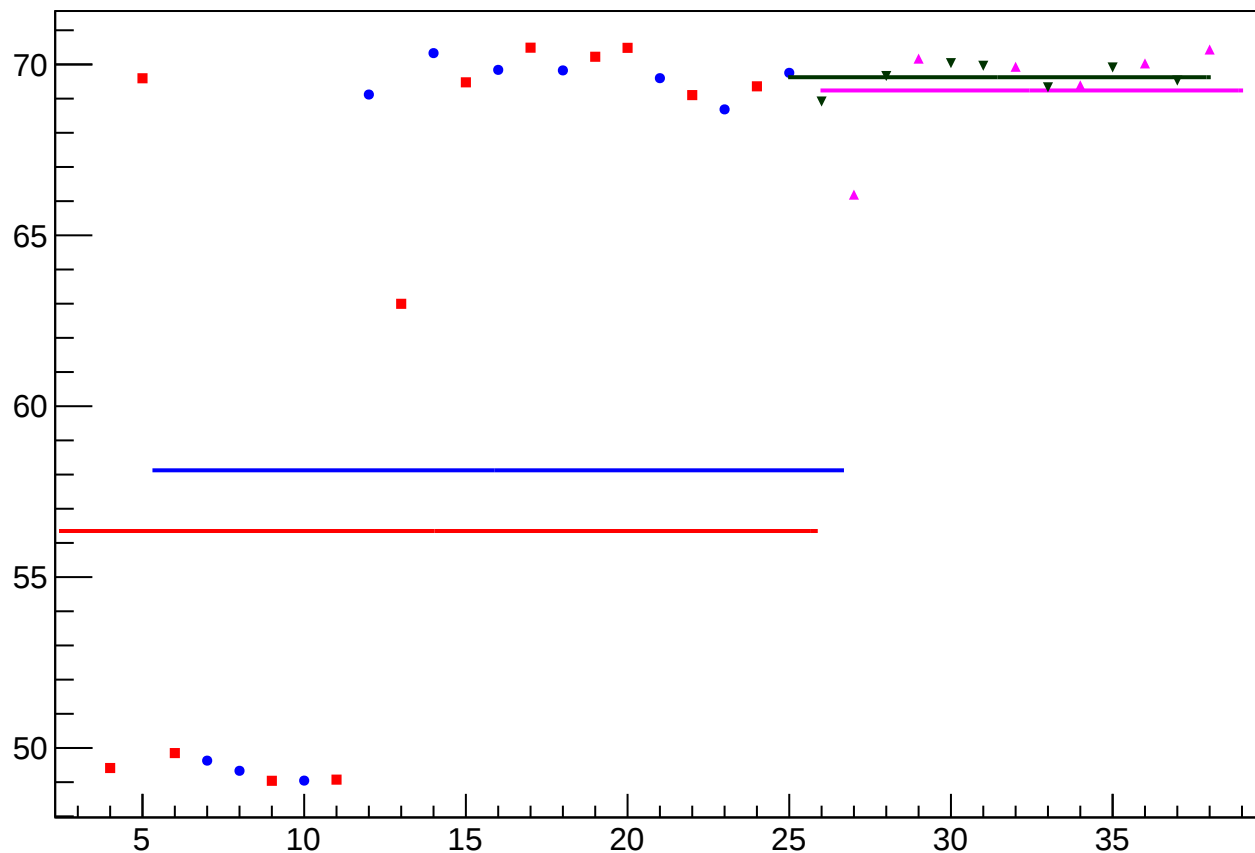
Right Out: 0.156+/-0.000 χ^2/NDF : 828596.5/11

Left In: 0.184+/-0.000 χ^2/NDF : 12113.2/5

0.173+/-0.000 χ^2/NDF : 997568.8/16

0.166+/-0.000 χ^2/NDF : 963975.6/17

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.626+/-0.000 χ^2/NDF : 14109503.9/6

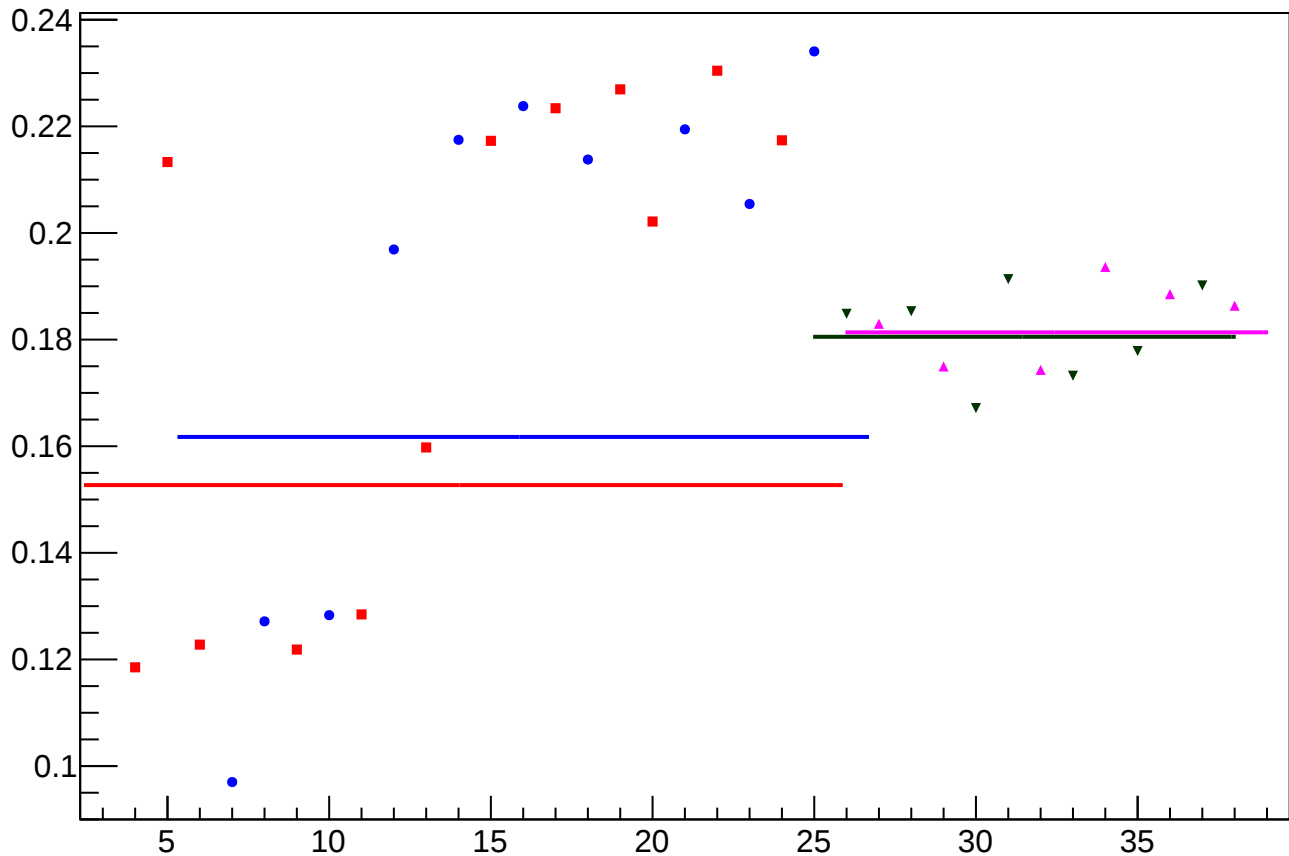
Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

Left In: 69.239+/-0.000 χ^2/NDF : 291907133.0/5

61.951+/-0.000 χ^2/NDF : 31906327695.6/16

60.672+/-0.000 χ^2/NDF : 33303024950.5/17

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.181+/-0.000 χ^2/NDF : 14945.0/6

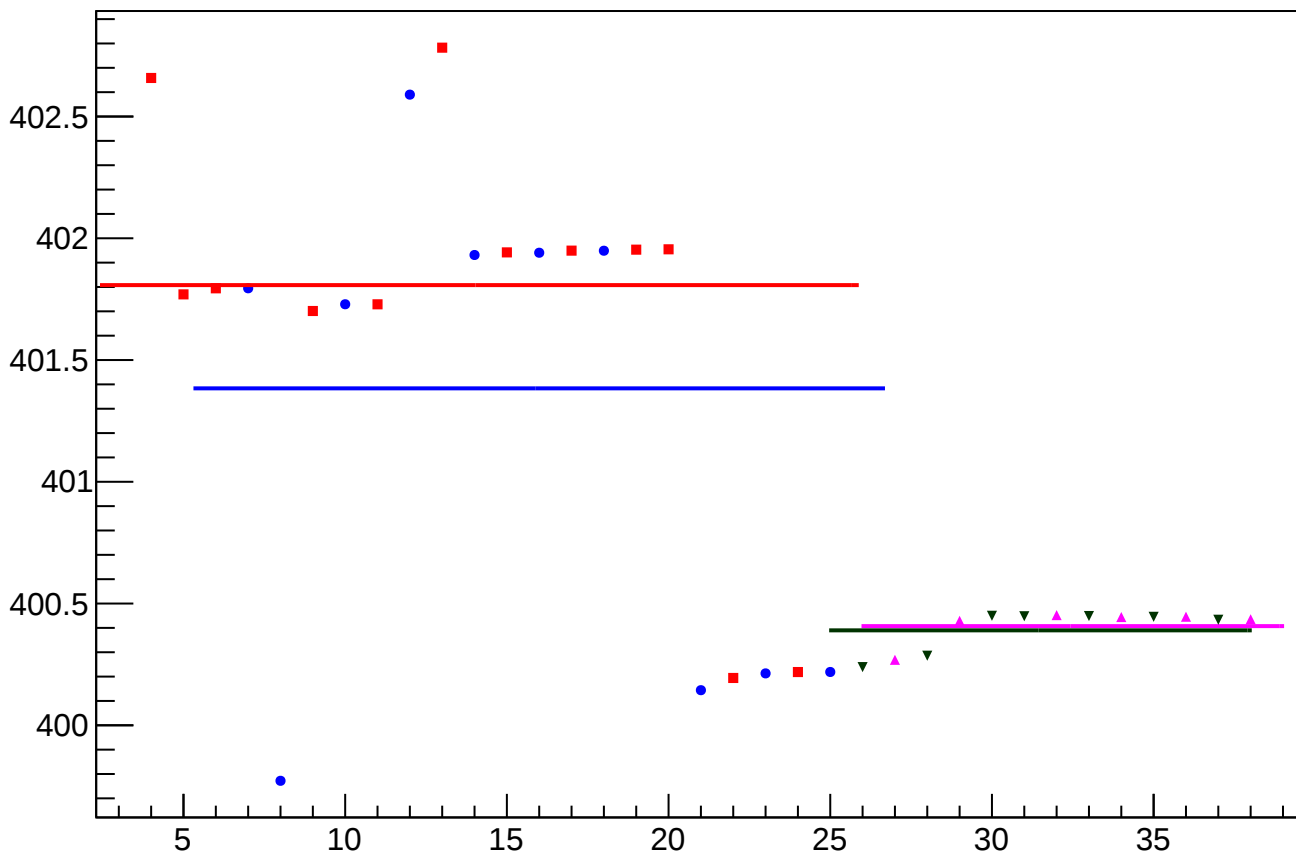
0.168+/-0.000 χ^2/NDF : 1038501.8/16

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

0.162+/-0.000 χ^2/NDF : 952704.6/17

Left In: 0.181+/-0.000 χ^2/NDF : 11133.8/5

yield_cav4bQ_mean vs slug



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

Left Out: 400.390+/-0.000 χ^2/NDF : 548326636.7/6

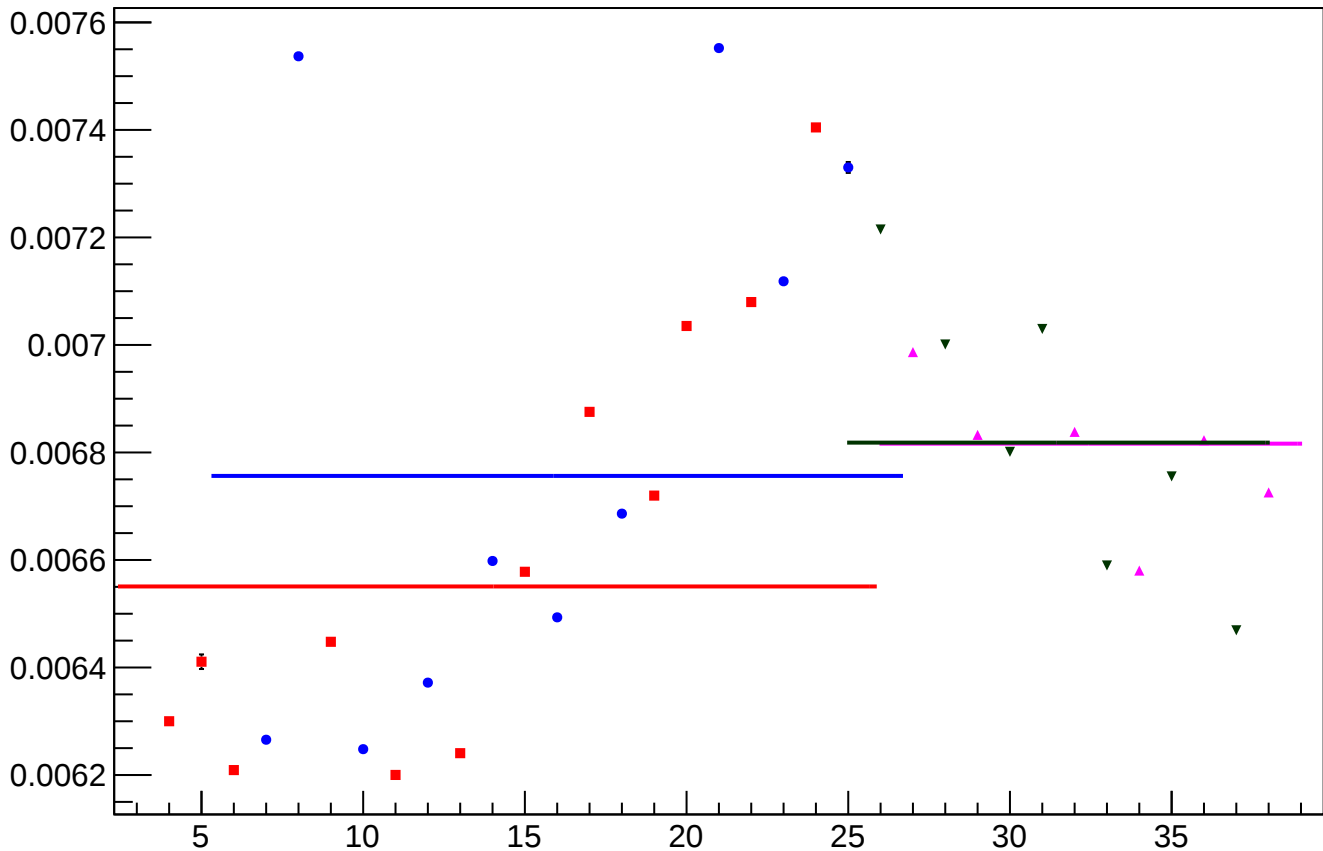
401.024+/-0.000 χ^2/NDF : 173301864695.4/16

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

401.285+/-0.000 χ^2/NDF : 194218063991.6/17

Left In: 400.407+/-0.000 χ^2/NDF : 424165806.8/5

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 : 9122.1/6

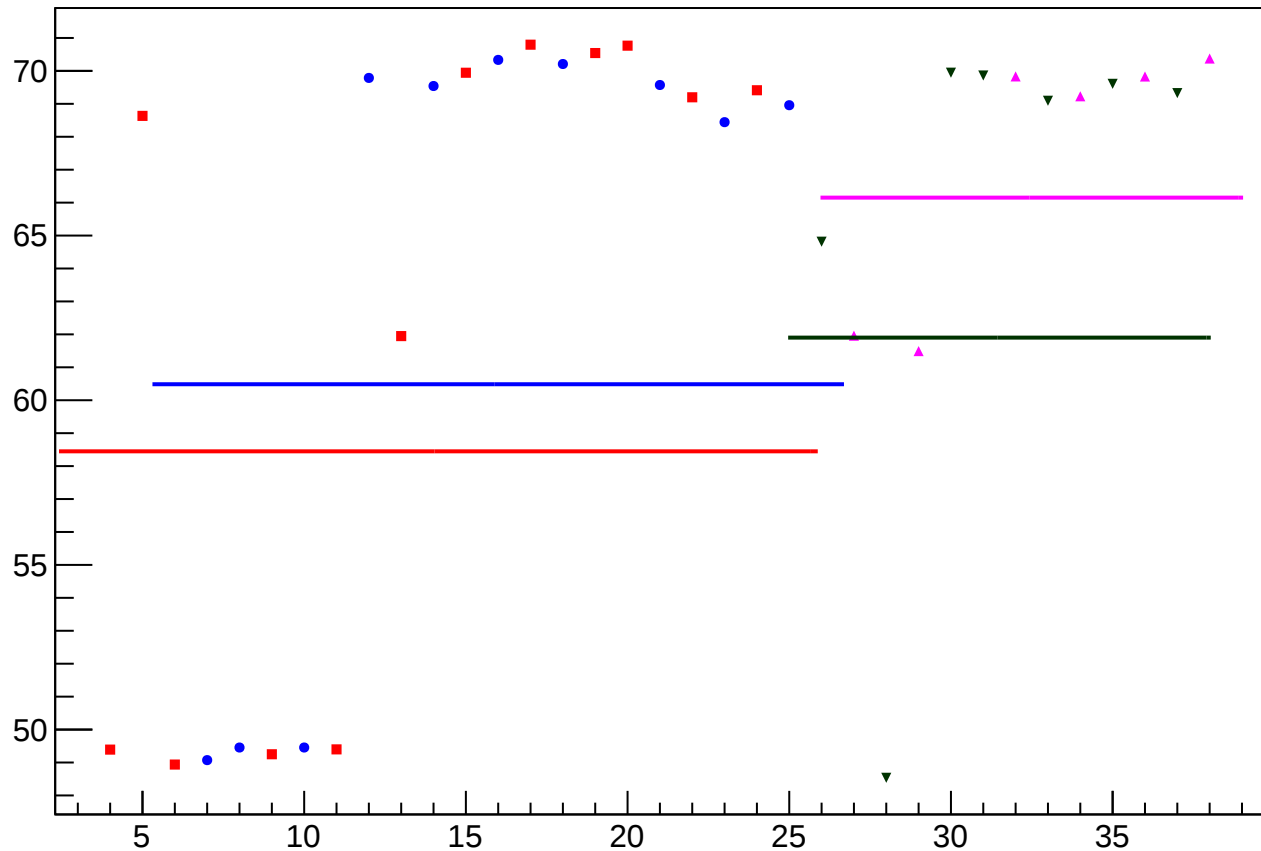
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

Left In: 0.007+/-0.000 χ^2/NDF : 2525.6/5

0.007+/-0.000 χ^2/NDF : 72496.0/16

0.007+/-0.000 χ^2/NDF : 52463.4/17

yield_cav4cQ_mean vs slug



Right In: 60.486 $\pm$ 0.000 χ^2 /NDF: 13941426151.6/9

Left Out: 61.901 $\pm$ 0.000 χ^2 /NDF: 7157197644.5/6

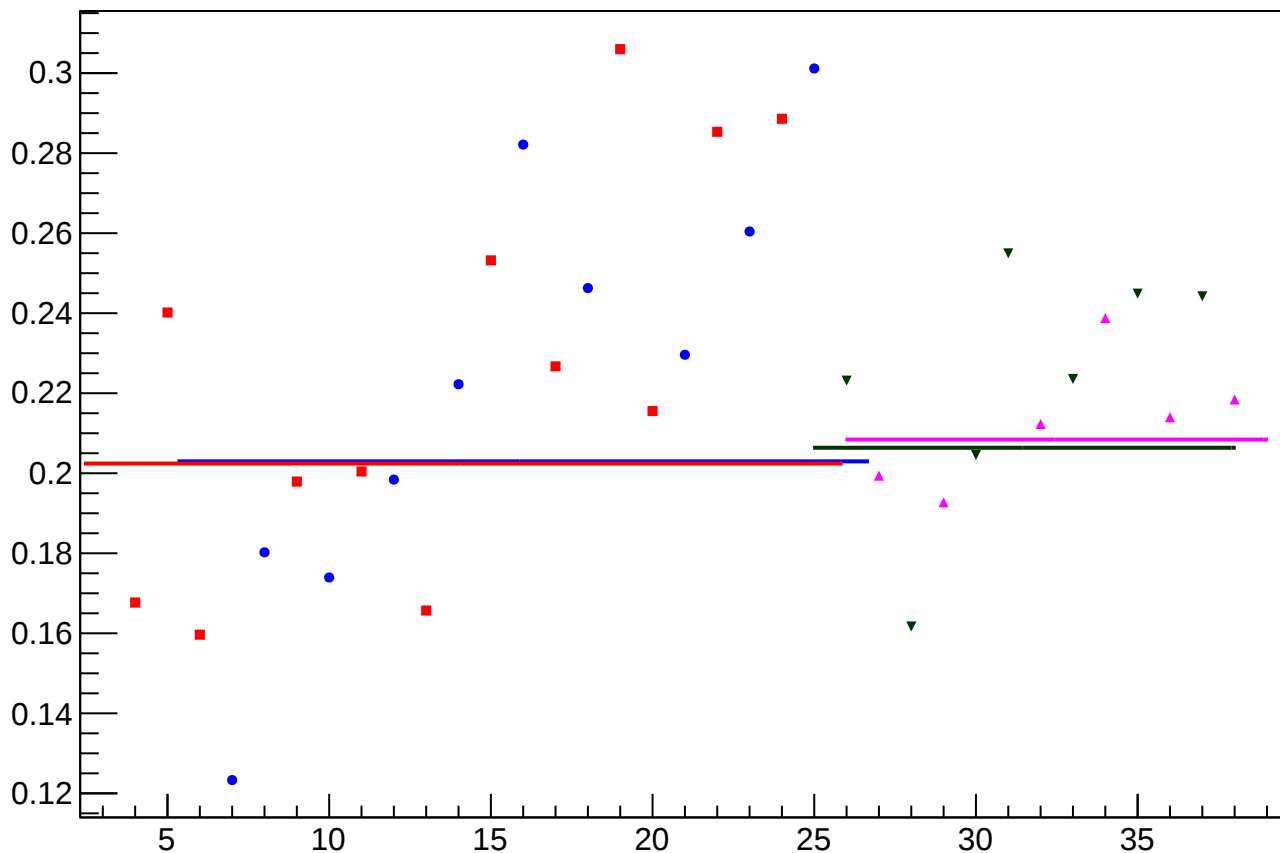
60.994 $\pm$ 0.000 χ^2 /NDF: 21196955862.2/16

Right Out: 58.449 $\pm$ 0.000 χ^2 /NDF: 11367122273.9/11

61.488 $\pm$ 0.000 χ^2 /NDF: 15780694049.2/17

Left In: 66.152 $\pm$ 0.000 χ^2 /NDF: 1384574993.5/5

yield_cav4cQ_rms vs slug



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

Left Out: 0.206+/-0.000 χ^2/NDF : 185533.8/6

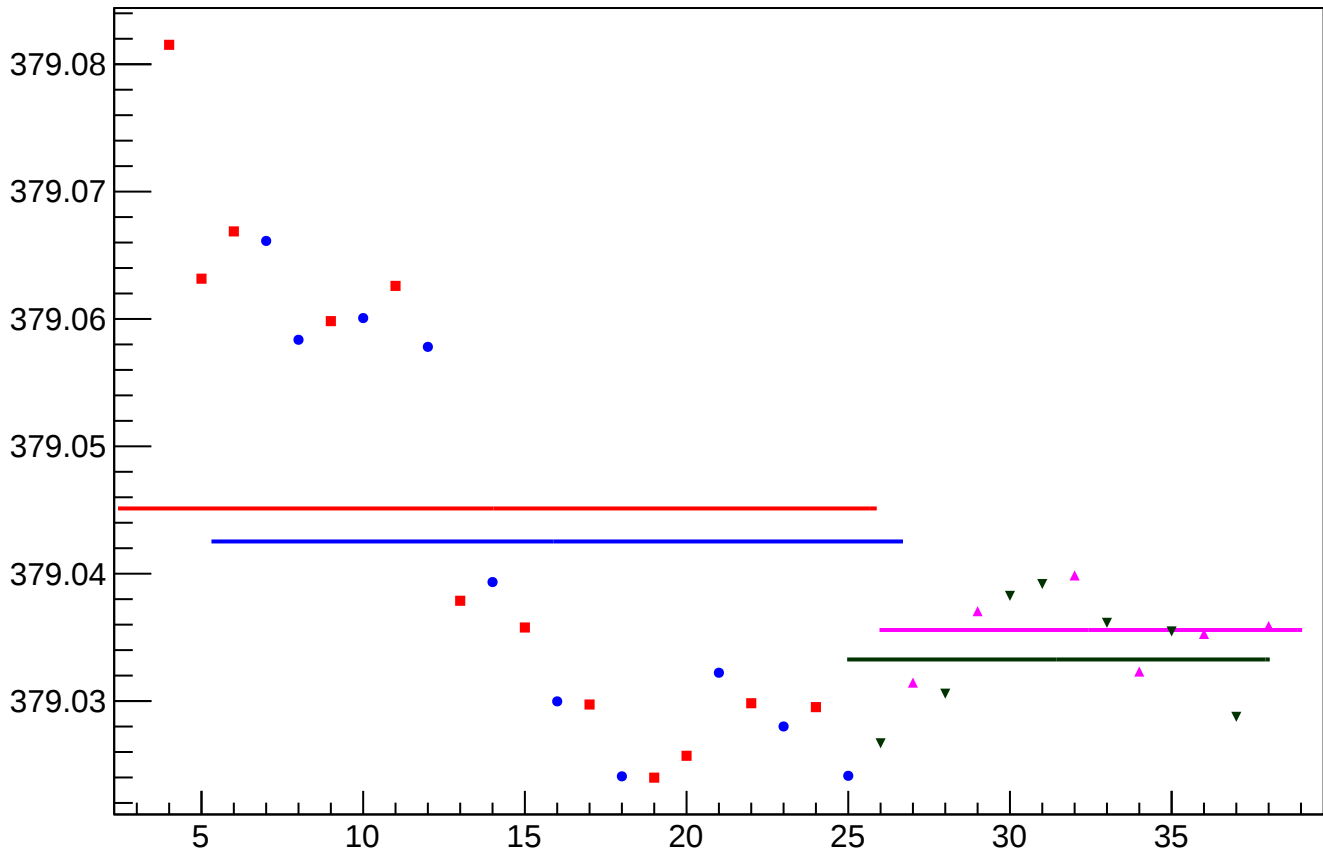
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.208+/-0.000 χ^2/NDF : 31082.5/5

0.204+/-0.000 χ^2/NDF : 696056.2/16

0.205+/-0.000 χ^2/NDF : 512404.1/17

yield_cav4dQ_mean vs slug



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

Left Out: 379.033+/-0.000 χ^2/NDF :1488482.5/6

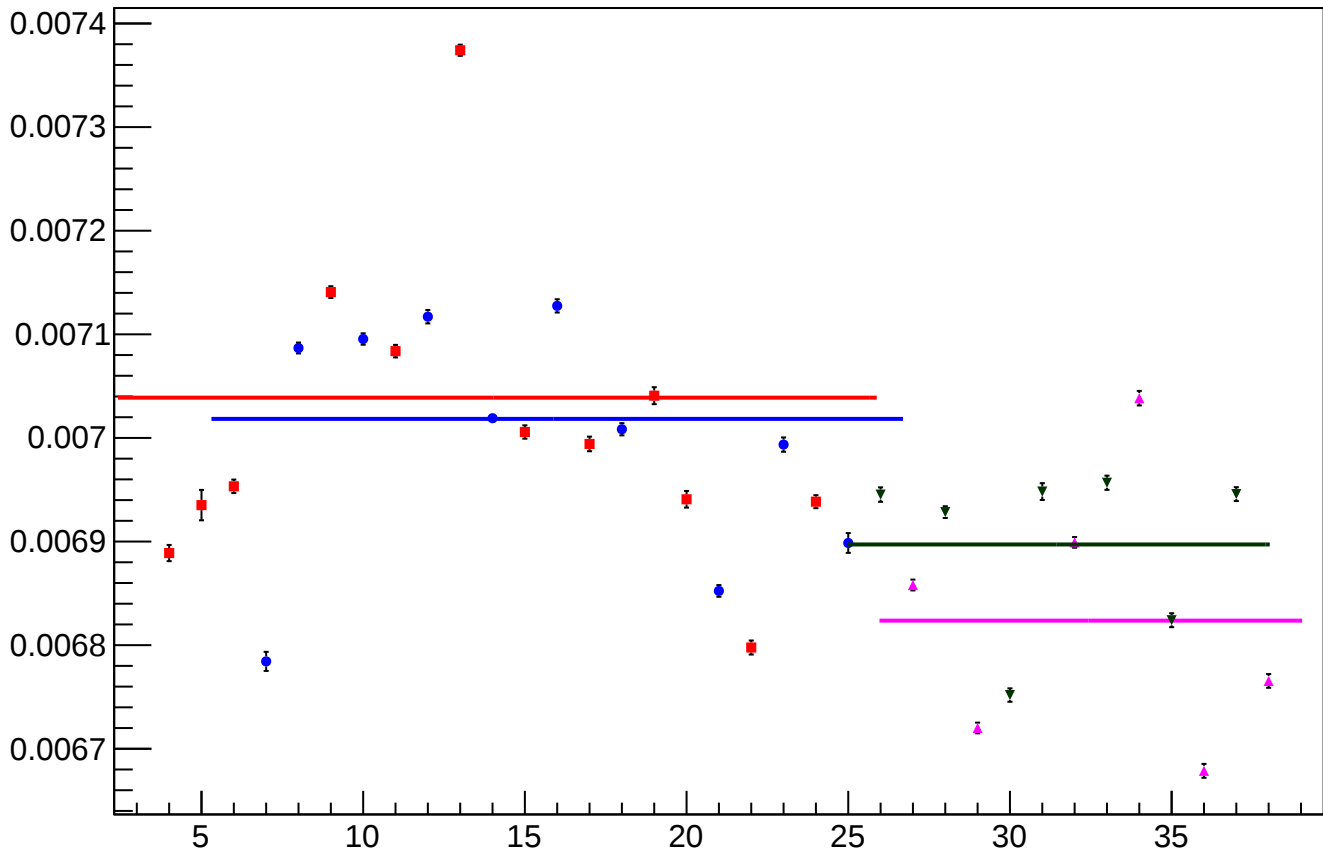
379.039+/-0.000 χ^2/NDF : 34134972.4/16

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

379.041+/-0.000 χ^2/NDF : 46515582.8/17

Left In: 379.036+/-0.000 χ^2/NDF :807744.1/5

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 : 868.0/6

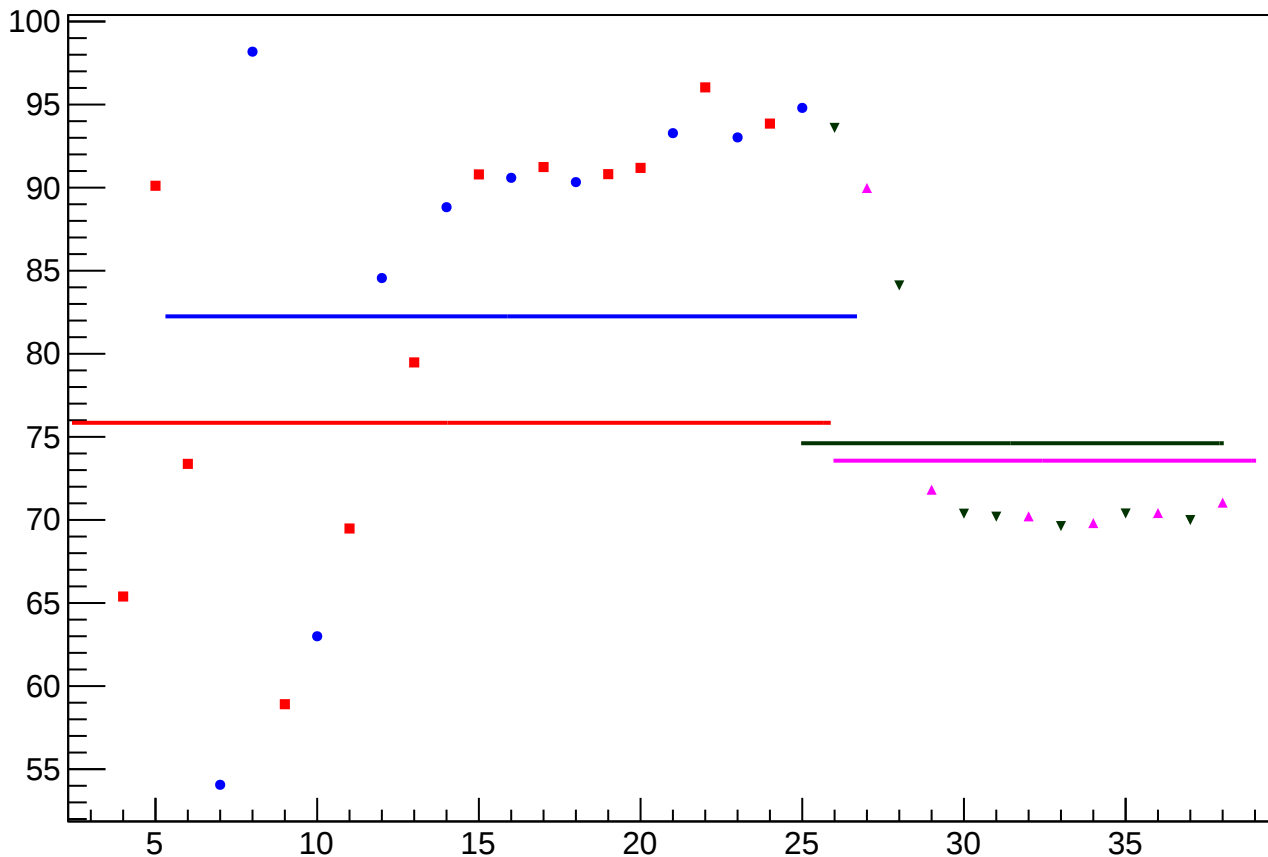
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF : 2139.1/5

0.007+/-0.000 χ^2/NDF : 4875.1/16

0.007+/-0.000 χ^2/NDF : 13588.2/17

yield_bcm0l02_mean vs slug



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

Left Out: 74.616+/-0.000 χ^2/NDF : 3426764240.5/6

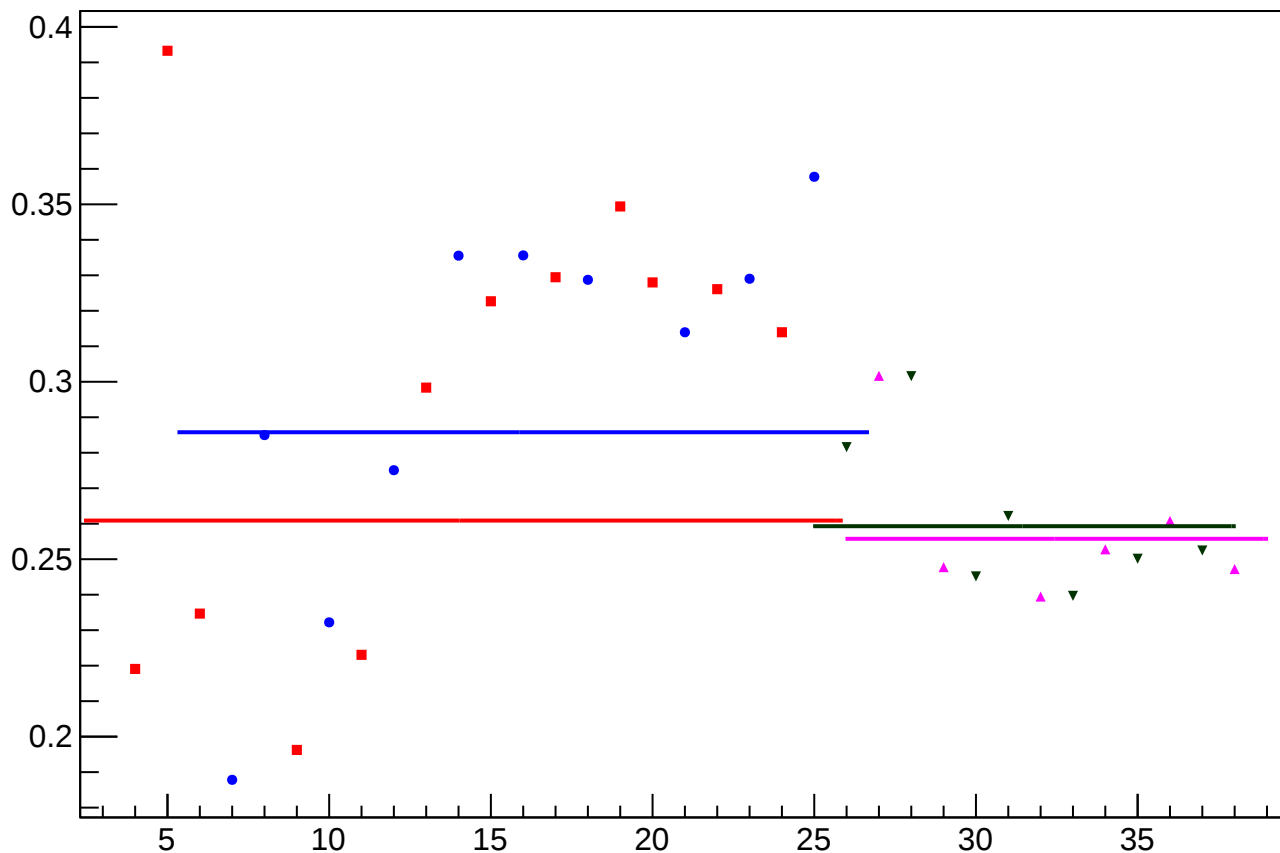
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 73.568+/-0.000 χ^2/NDF : 2734248623.7/5

79.053+/-0.000 χ^2/NDF : 20373697720.5/16

74.881+/-0.000 χ^2/NDF : 16391003444.5/17

yield_bcm0l02_rms vs slug



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

Left Out: 0.259+/-0.000 χ^2/NDF : 40065.3/6

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

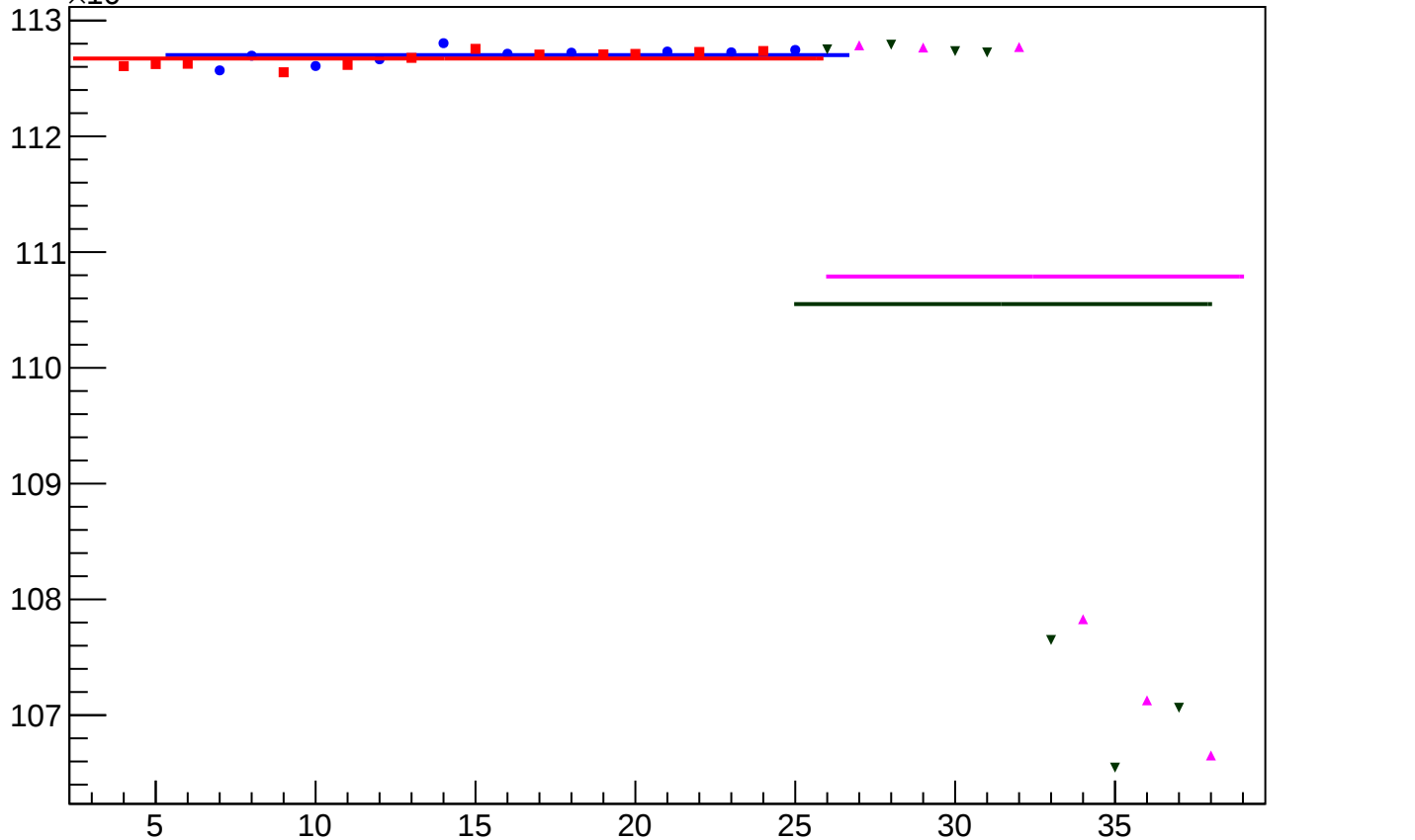
Left In: 0.256+/-0.000 χ^2/NDF : 47080.5/5

0.275+/-0.000 χ^2/NDF : 424915.9/16

0.259+/-0.000 χ^2/NDF : 530371.3/17

yield_bpm2i01WS_mean vs slug

$\times 10^3$



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

Left Out: 110550.901 $\pm$ 0.063 χ^2 /NDF: 1976278113.4/6

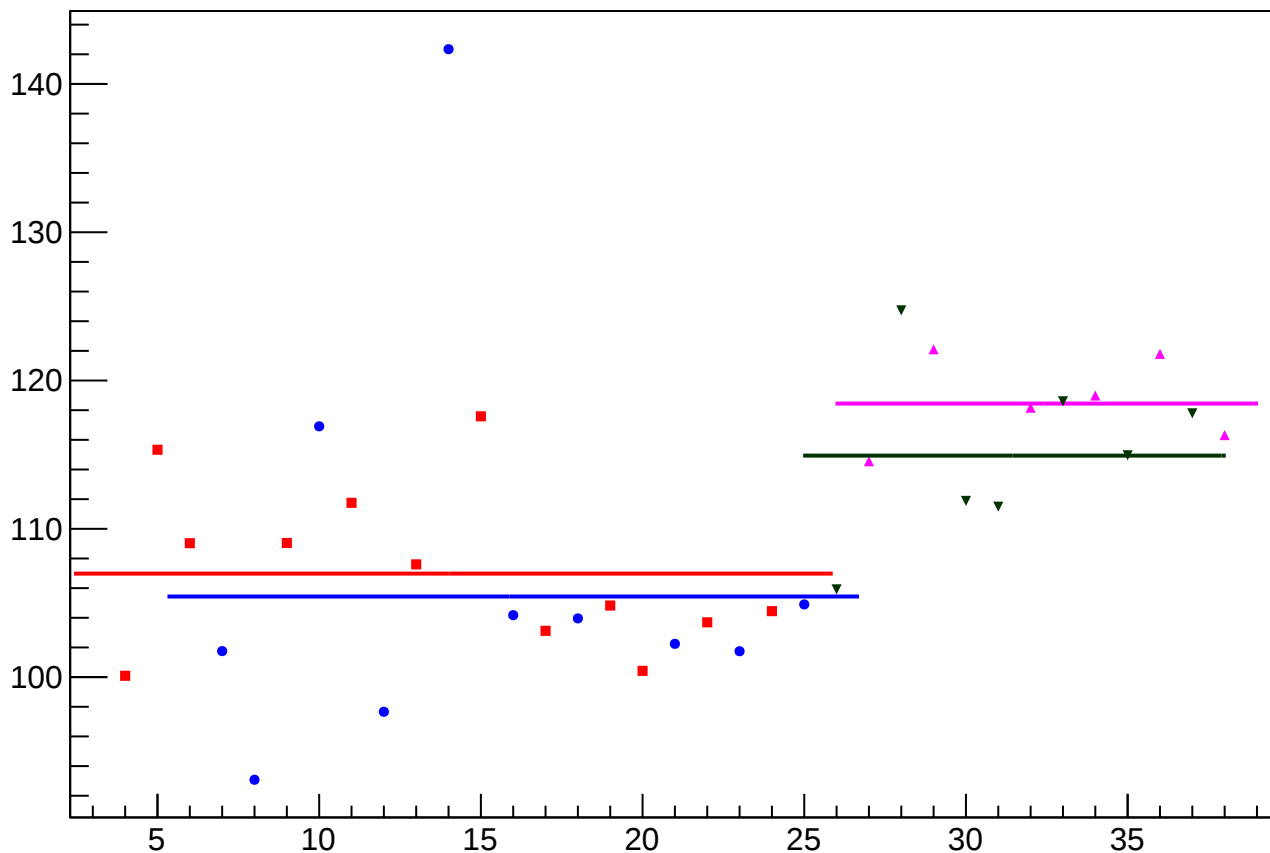
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 110789.105 $\pm$ 0.061 χ^2 /NDF: 1964309365.8/5

112024.814 $\pm$ 0.035 χ^2 /NDF: 2785071530.9/16

112034.643 $\pm$ 0.035 χ^2 /NDF: 2602465311.9/17

yield_bpm2i01WS_rms vs slug



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

Left Out: 114.937 $\pm$ 0.044 χ^2 /NDF:17819.0/6

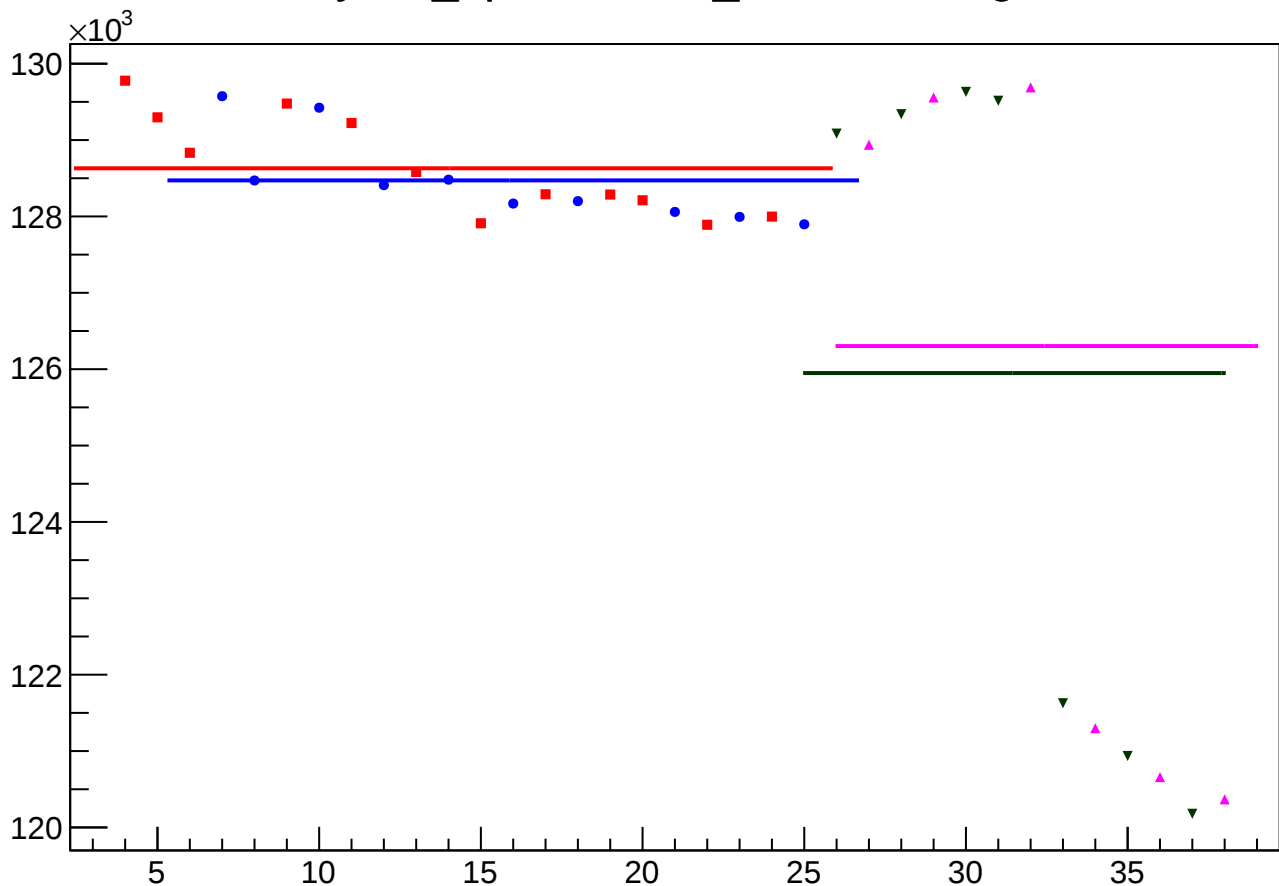
Right Out: 106.980 $\pm$ 0.031 χ^2 /NDF: 22698.2/11

Left In: 118.448 $\pm$ 0.043 χ^2 /NDF:4276.9/5

108.426 $\pm$ 0.025 χ^2 /NDF: 237656.2/16

110.861 $\pm$ 0.025 χ^2 /NDF: 74172.3/17

yield_bpm0i07WS_mean vs slug



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

Left Out: 125949.507 $\pm$ 0.111 χ^2 /NDF:1441884455.2/6

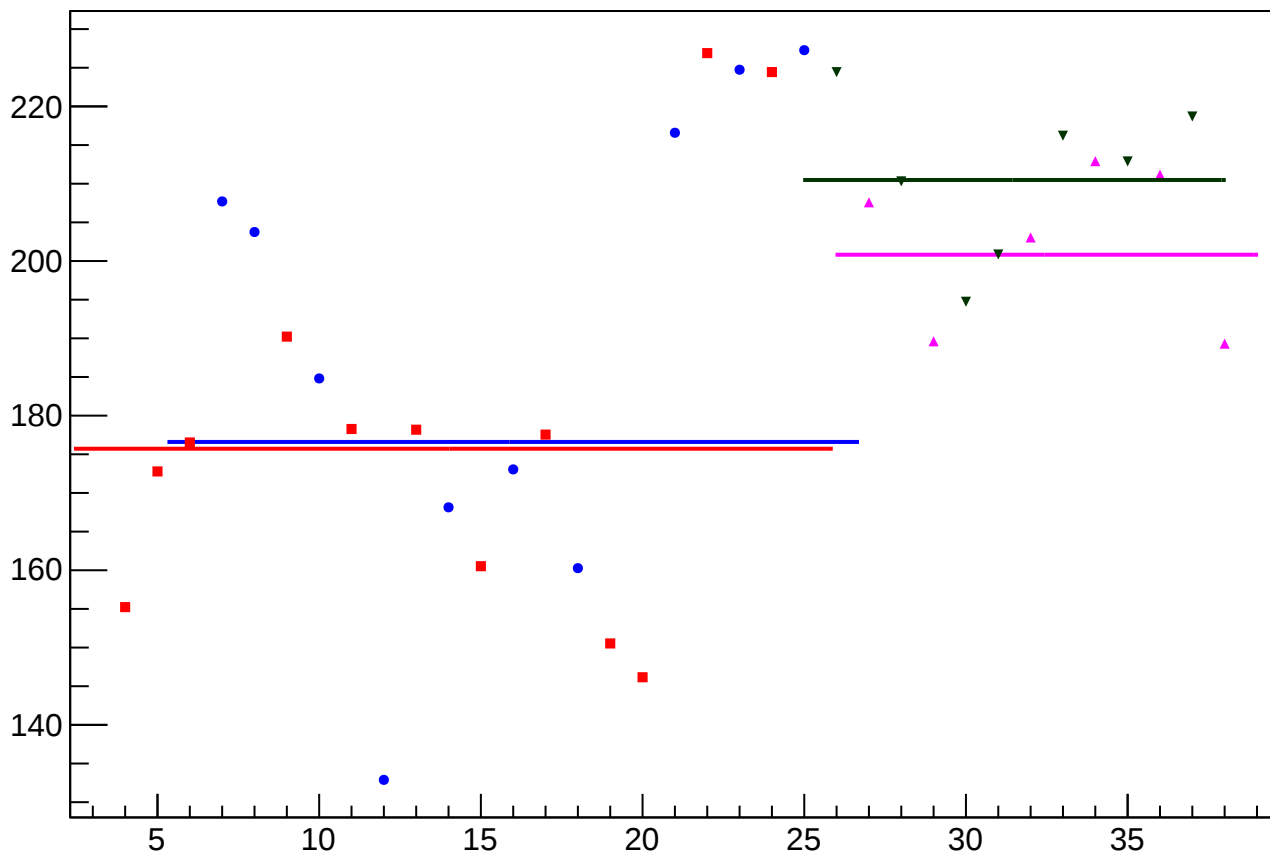
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

Left In: 126302.932 $\pm$ 0.099 χ^2 /NDF:1764493871.5/5

127737.377 $\pm$ 0.060 χ^2 /NDF: 1850190387.6/10

127843.081 $\pm$ 0.058 χ^2 /NDF: 2197228468.3/17

yield_bpm0i07WS_rms vs slug



Right In: 176.597 ± 0.050 χ^2/NDF : 316543.8/9

Left Out: 210.483 ± 0.078 χ^2/NDF : 14921.2/6

Right Out: 175.718 ± 0.050 χ^2/NDF : 188443.6/11

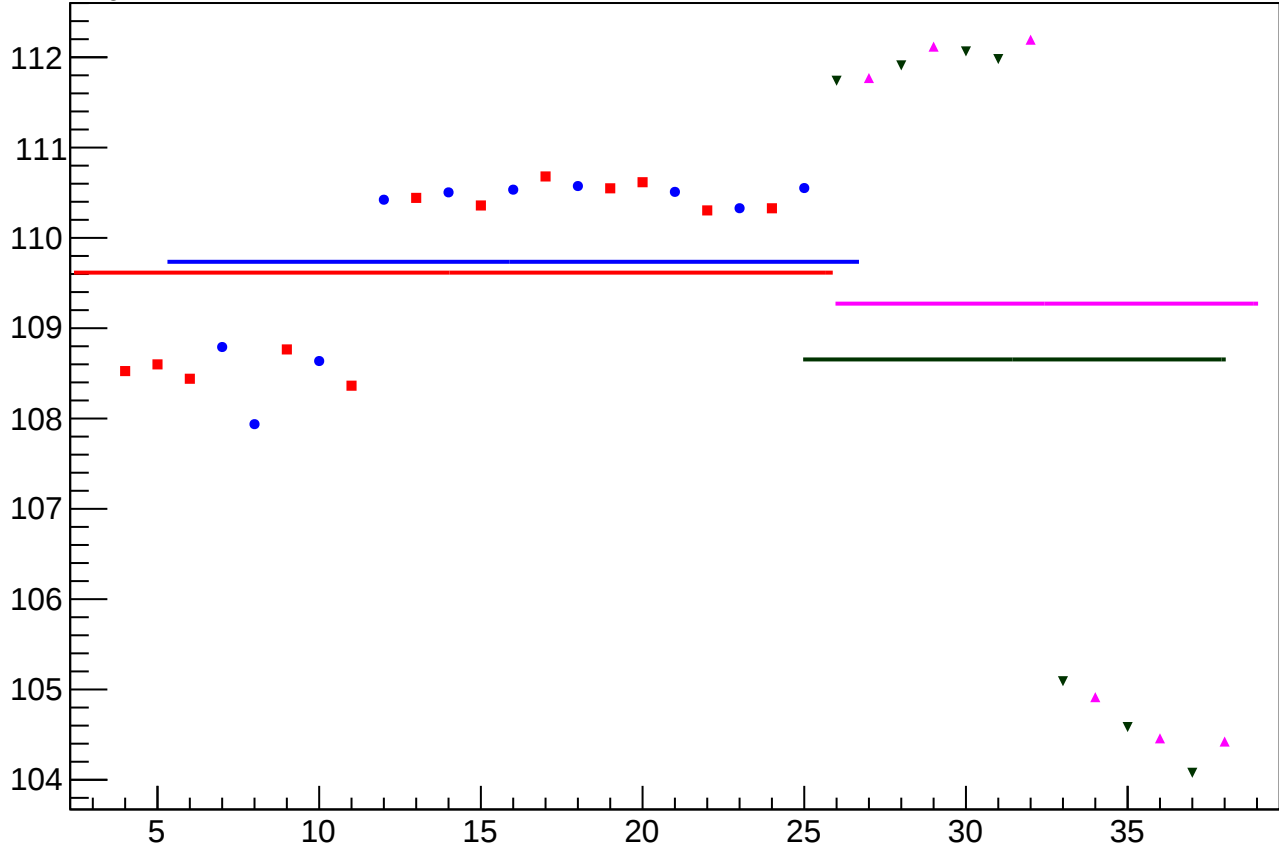
Left In: 200.815 ± 0.070 χ^2/NDF : 17309.1/5

186.465 ± 0.042 χ^2/NDF : 464648.3/16

184.207 ± 0.041 χ^2/NDF : 290112.1/17

yield_bpm0l01WS_mean vs slug

$\times 10^3$



Right In: 109735.295 $\pm$ 0.046 χ^2 /NDF: 537097563.8/9

Left Out: 108654.138 $\pm$ 0.058 χ^2 /NDF: 3962538997.1/6

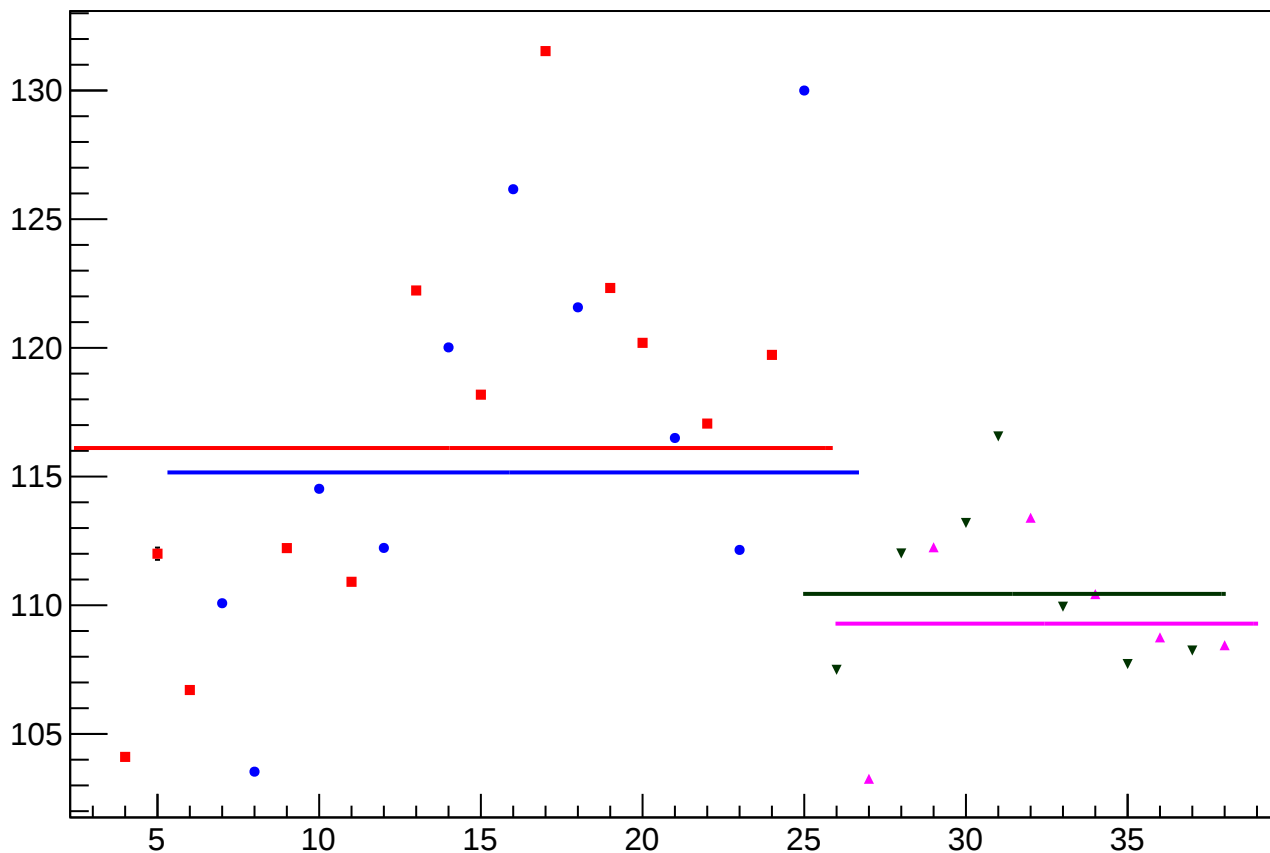
Right Out: 109615.412 $\pm$ 0.047 χ^2 /NDF: 419274077.4/11

Left In: 109272.030 $\pm$ 0.054 χ^2 /NDF: 4399847304.2/5

109323.104 $\pm$ 0.036 χ^2 /NDF: 4712992755.4/16

109468.620 $\pm$ 0.035 χ^2 /NDF: 4842194270.5/17

yield_bpm0l01WS_rms vs slug



Right In: 115.160 $\pm$ 0.032 χ^2 /NDF: 48108.4/9

Left Out: 110.442 $\pm$ 0.041 χ^2 /NDF:4774.4/6

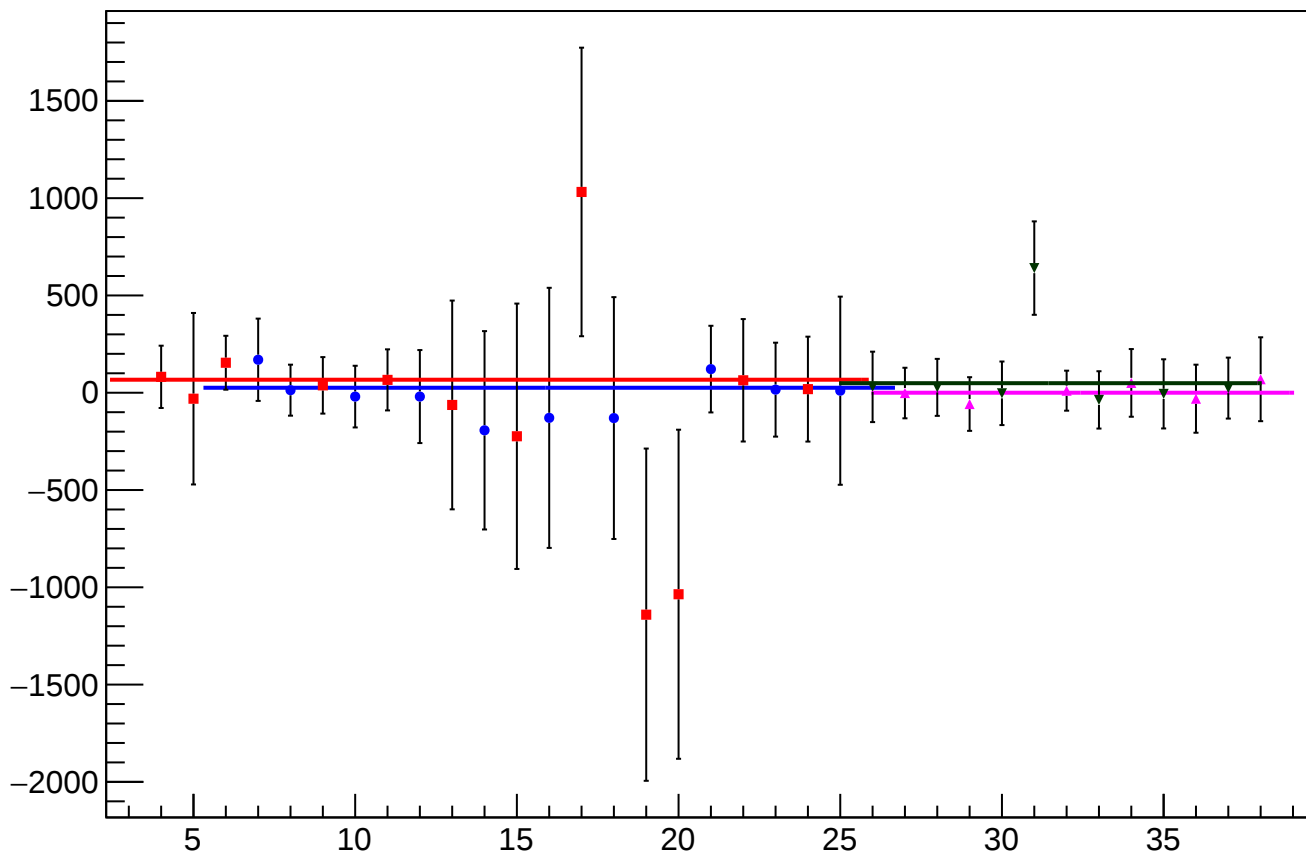
113.361 $\pm$ 0.025 χ^2 /NDF: 61011.4/16

Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

113.192 $\pm$ 0.025 χ^2 /NDF: 71748.9/17

Left In: 109.285 $\pm$ 0.038 χ^2 /NDF:9445.3/5

asym_bcm_an_ds_mean vs slug



Right In: 25.622+/-72.900 χ^2/NDF : 1.1/9

Left Out: 49.098+/-63.193 χ^2/NDF : 6.7/6

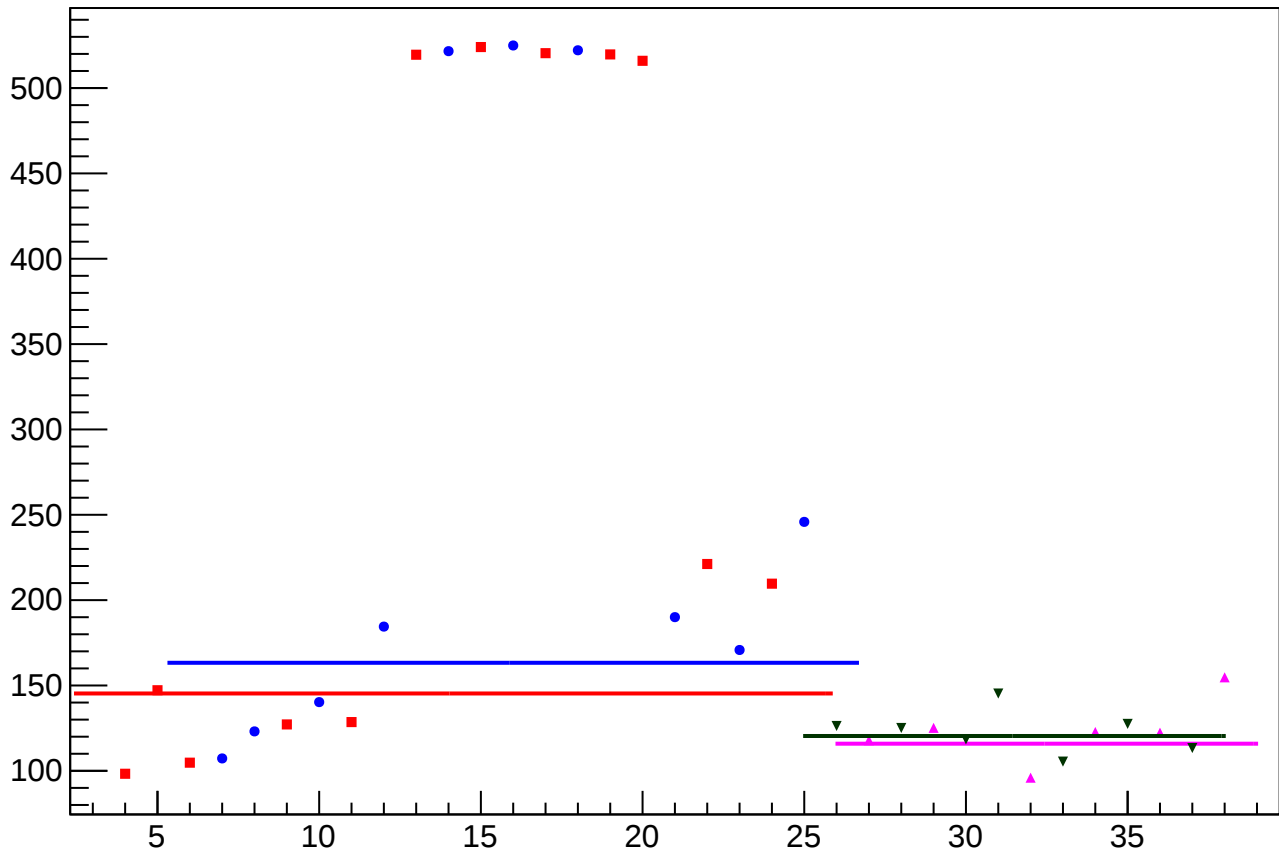
Right Out: 66.920+/-67.669 χ^2/NDF : 6.2/11

Left In: 0.080+/-58.352 χ^2/NDF : 0.4/5

39.026+/-47.750 χ^2/NDF : 7.8/16

28.585+/-44.191 χ^2/NDF : 7.1/17

asym_bcm_an_ds_rms vs slug



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

Left Out: 120.411+/-0.045 χ^2/NDF :53901.8/6

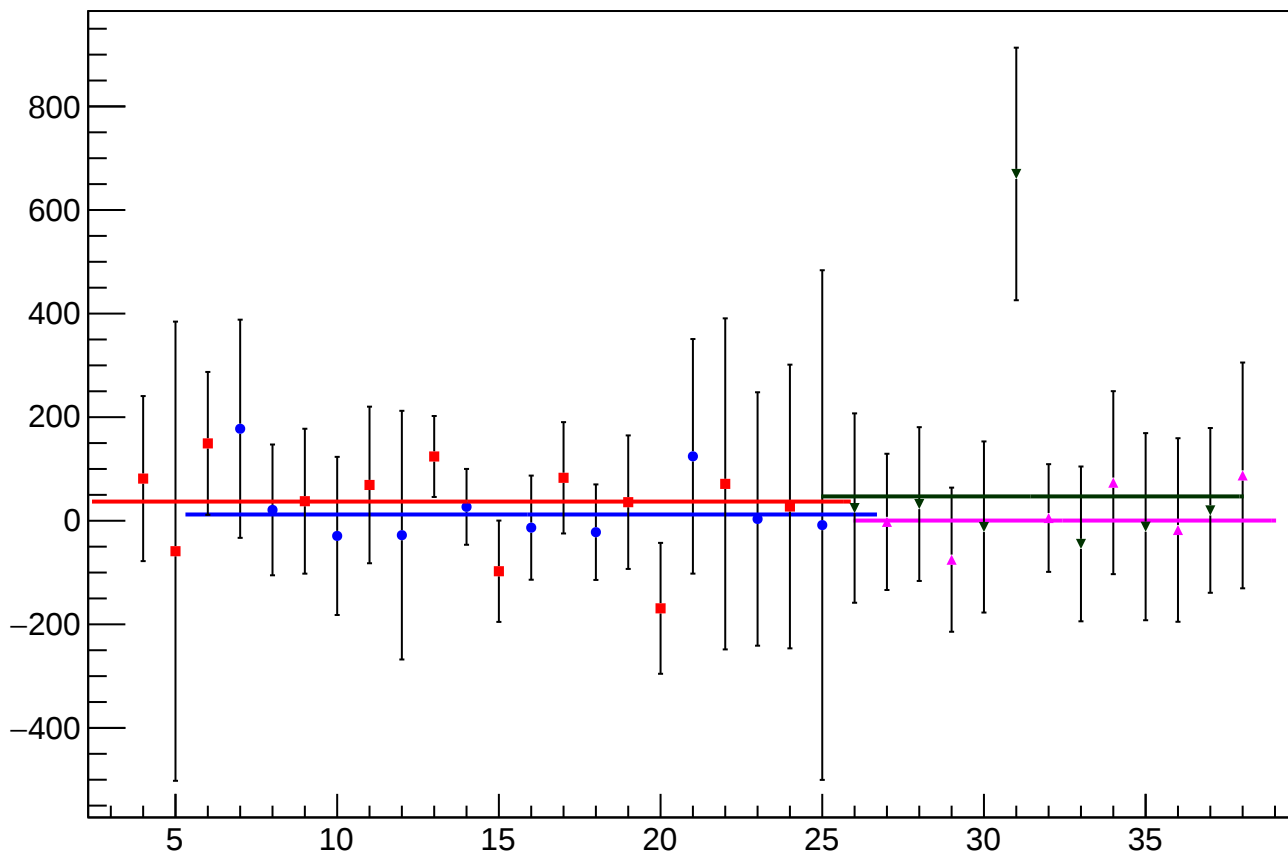
138.811+/-0.034 χ^2/NDF : 3165142.3/16

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

128.446+/-0.031 χ^2/NDF : 3870687.6/17

Left In: 115.899+/-0.041 χ^2/NDF :155466.3/5

asym_bcm_an_ds3_mean vs slug



Right In: 12.098 $\pm$ 41.208 χ^2 /NDF: 1.2/9

Left Out: 47.010 $\pm$ 64.060 χ^2 /NDF: 7.2/6

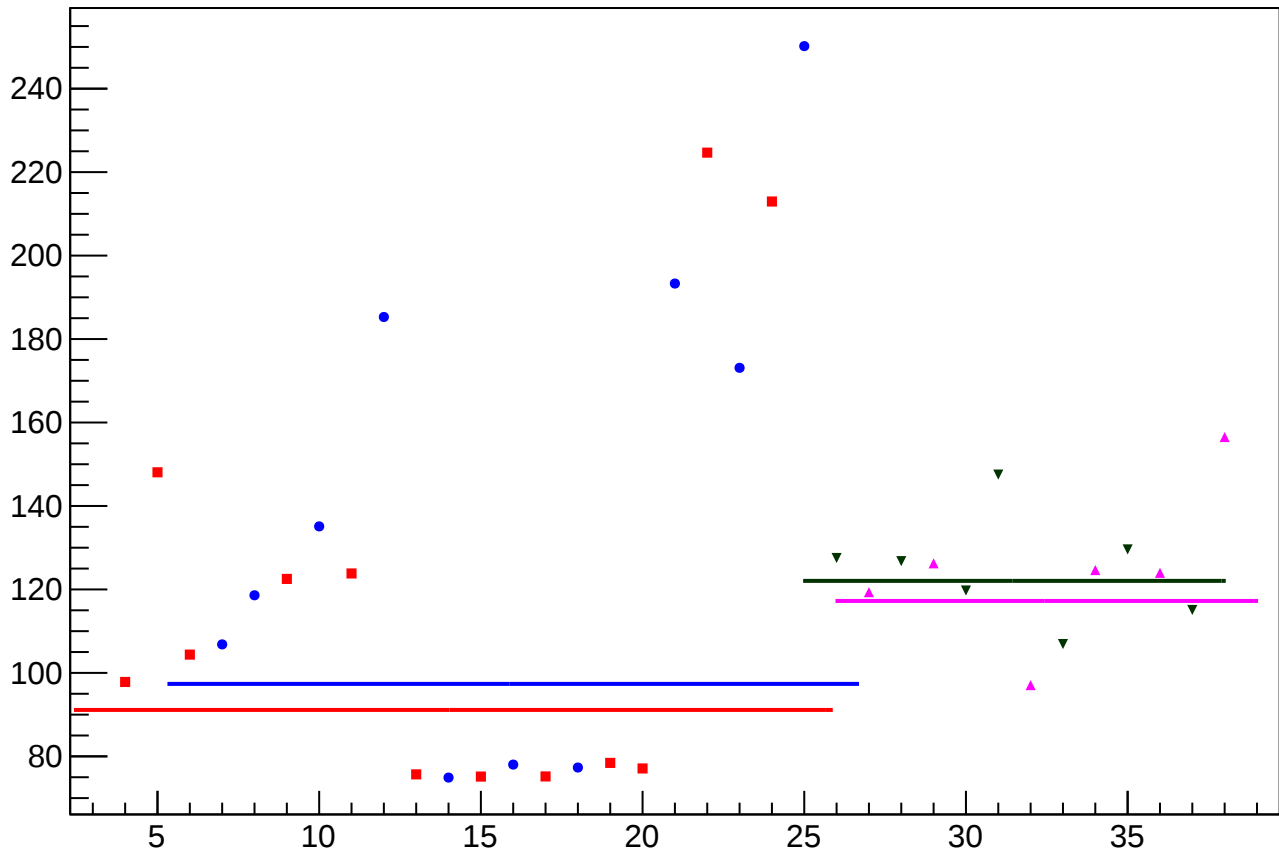
Right Out: 37.031 $\pm$ 38.001 χ^2 /NDF: 6.8/11

Left In: 0.389 $\pm$ 59.039 χ^2 /NDF: 0.6/5

22.316 $\pm$ 34.657 χ^2 /NDF: 8.6/16

26.297 $\pm$ 31.954 χ^2 /NDF: 7.7/17

asym_bcm_an_ds3_rms vs slug



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

Left Out: 122.053+/-0.045 χ^2/NDF : 53892.7/6

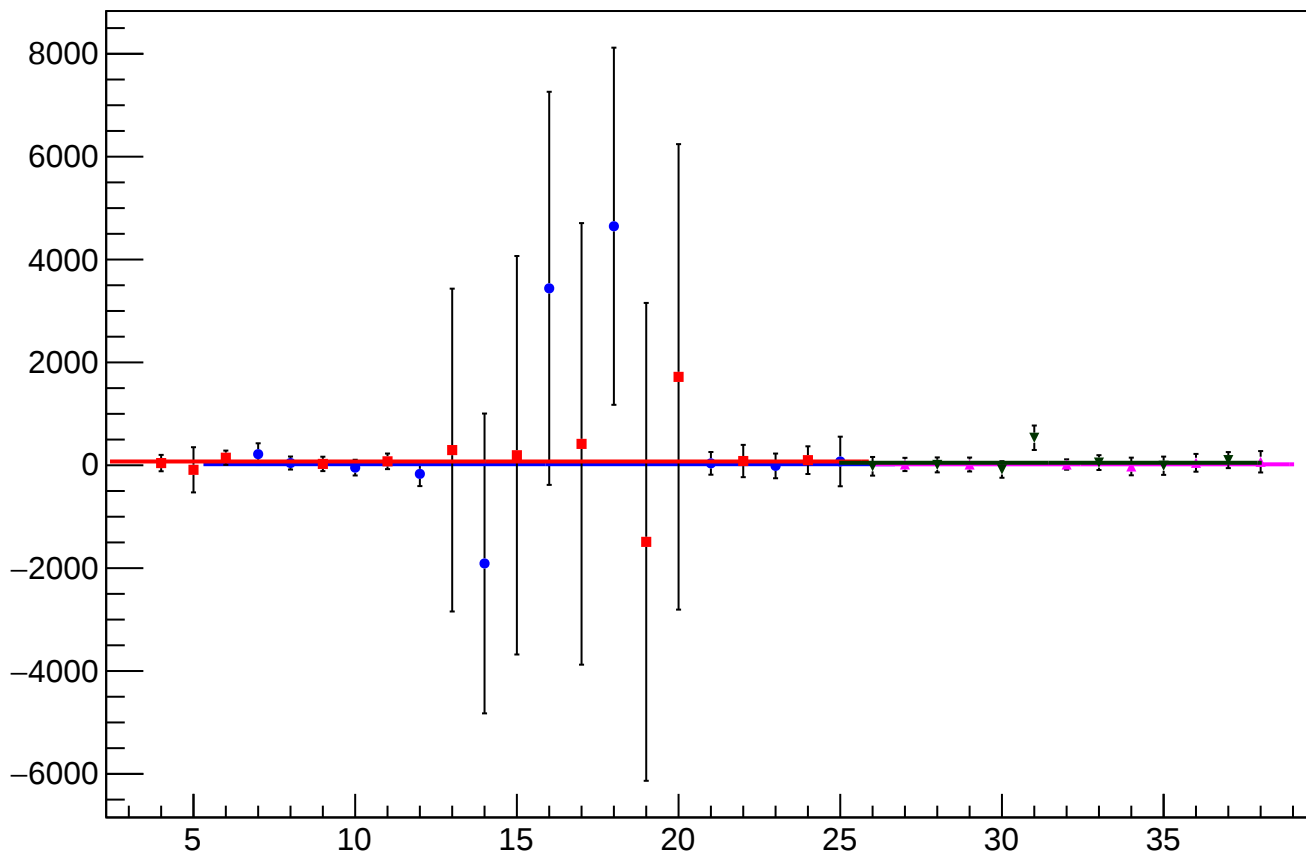
Right Out: 91.126+/-0.027 χ^2/NDF : 1213529.6/11

Left In: 117.242+/-0.042 χ^2/NDF : 155501.8/5

104.592+/-0.025 χ^2/NDF : 1815036.9/16

98.776+/-0.023 χ^2/NDF : 1645734.4/17

asym_bcm_an_us_mean vs slug



Right In: 20.924+/-72.964 χ^2/NDF : 4.8/9

Left Out: 48.881+/-62.659 χ^2/NDF : 5.3/6

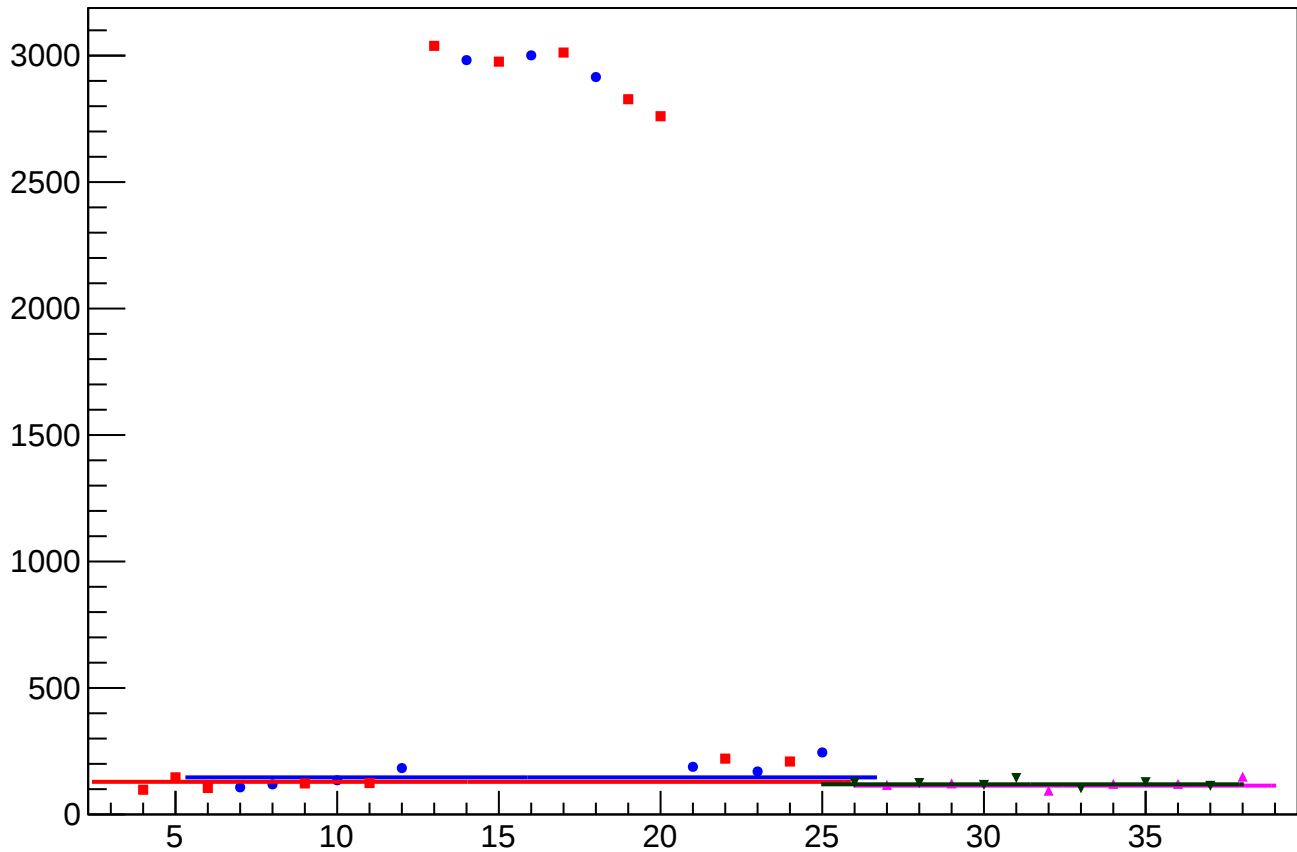
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 18.610+/-57.378 χ^2/NDF : 0.1/5

37.014+/-47.536 χ^2/NDF : 10.1/16

41.503+/-43.879 χ^2/NDF : 1.4/17

asym_bcm_an_us_rms vs slug



Right In: 146.572 $\pm$ 0.052 χ^2 /NDF: 4679005.5/9

Left Out: 119.196 $\pm$ 0.044 χ^2 /NDF: 59085.8/6

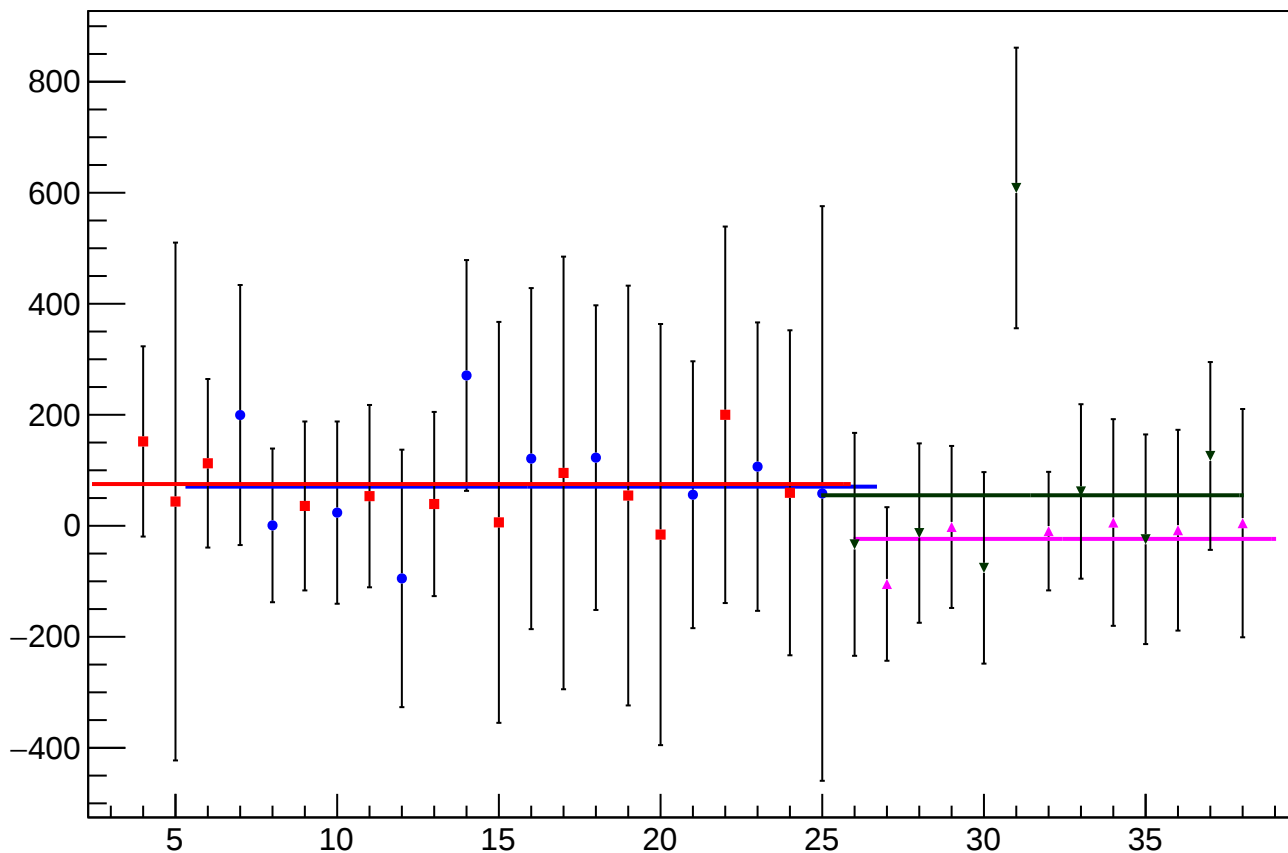
130.816 $\pm$ 0.034 χ^2 /NDF: 4900142.5/16

Right Out: 128.952 $\pm$ 0.048 χ^2 /NDF: 5549811.0/11

120.177 $\pm$ 0.031 χ^2 /NDF: 5758873.4/17

Left In: 113.947 $\pm$ 0.041 χ^2 /NDF: 152276.8/5

asym_bcm_dg_us_mean vs slug



Right In: 70.544+/-69.178 χ^2/NDF : 2.2/9

Left Out: 55.014+/-68.069 χ^2/NDF : 6.1/6

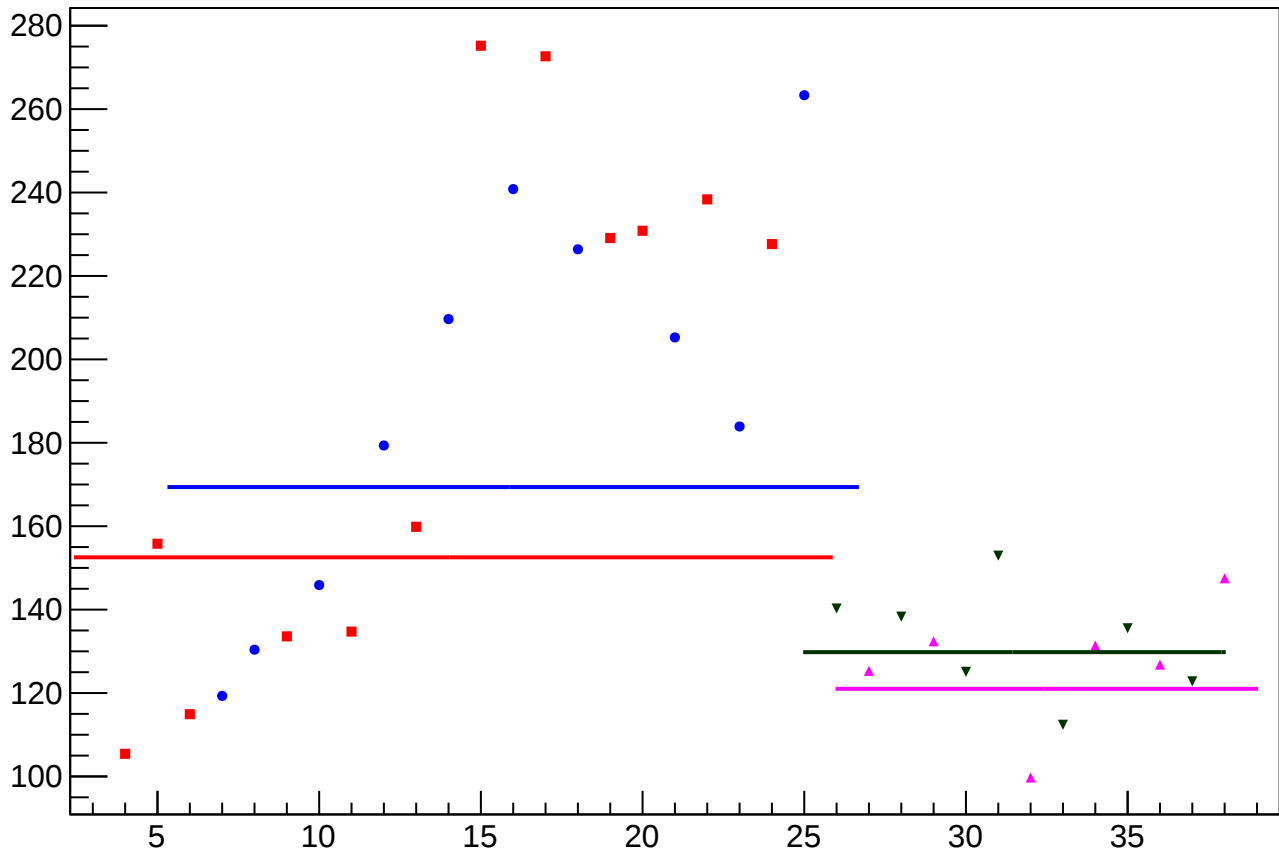
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

Left In: -23.594+/-60.862 χ^2/NDF : 0.4/5

62.653+/-48.520 χ^2/NDF : 8.3/16

23.636+/-43.974 χ^2/NDF : 2.3/17

asym_bcm_dg_us_rms vs slug



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

Left Out: 129.806+/-0.048 χ^2/NDF : 59043.3/6

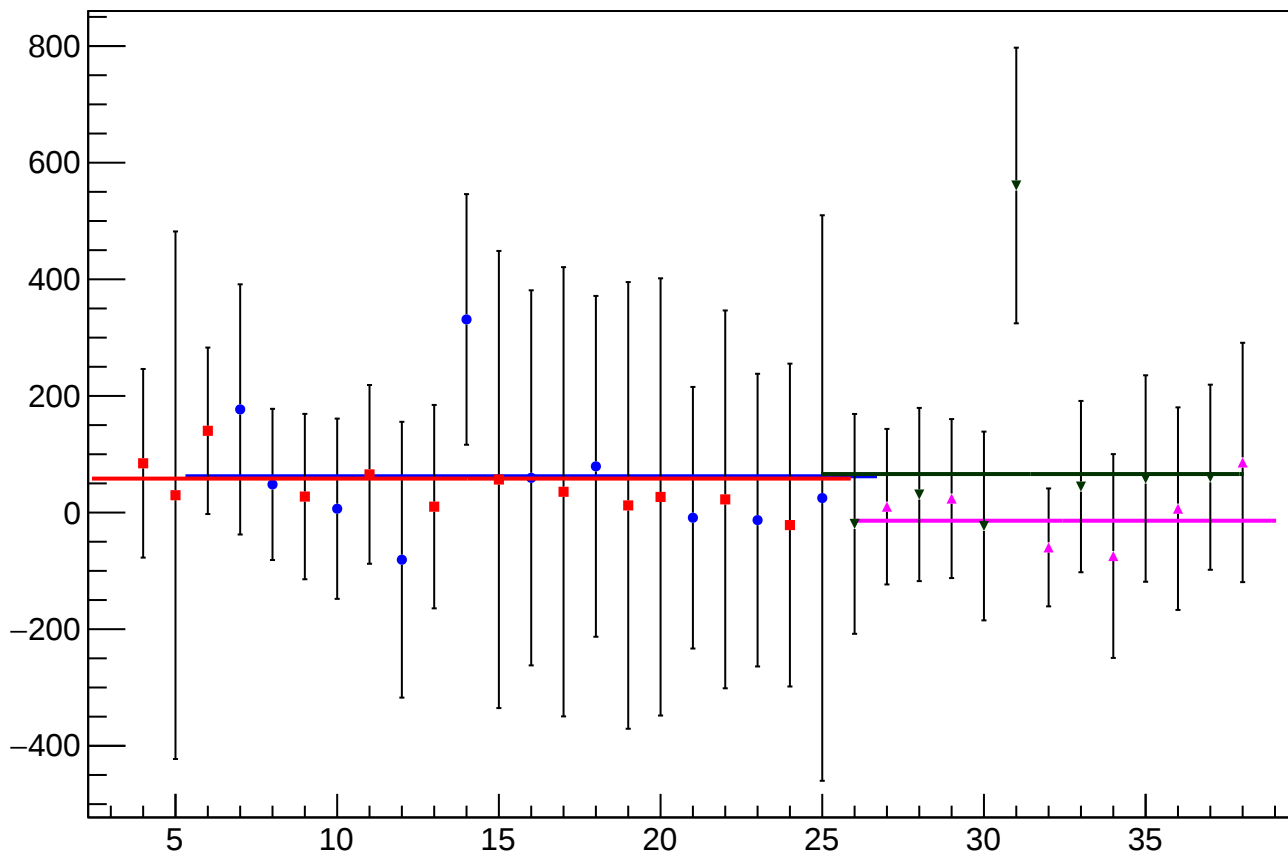
149.275+/-0.034 χ^2/NDF : 1072494.4/16

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

136.081+/-0.031 χ^2/NDF : 1571436.9/17

Left In: 121.012+/-0.043 χ^2/NDF : 134863.8/5

asym_bcm_dg_ds_mean vs slug



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

Left Out: 66.055+/-63.564 χ^2/NDF : 5.0/6

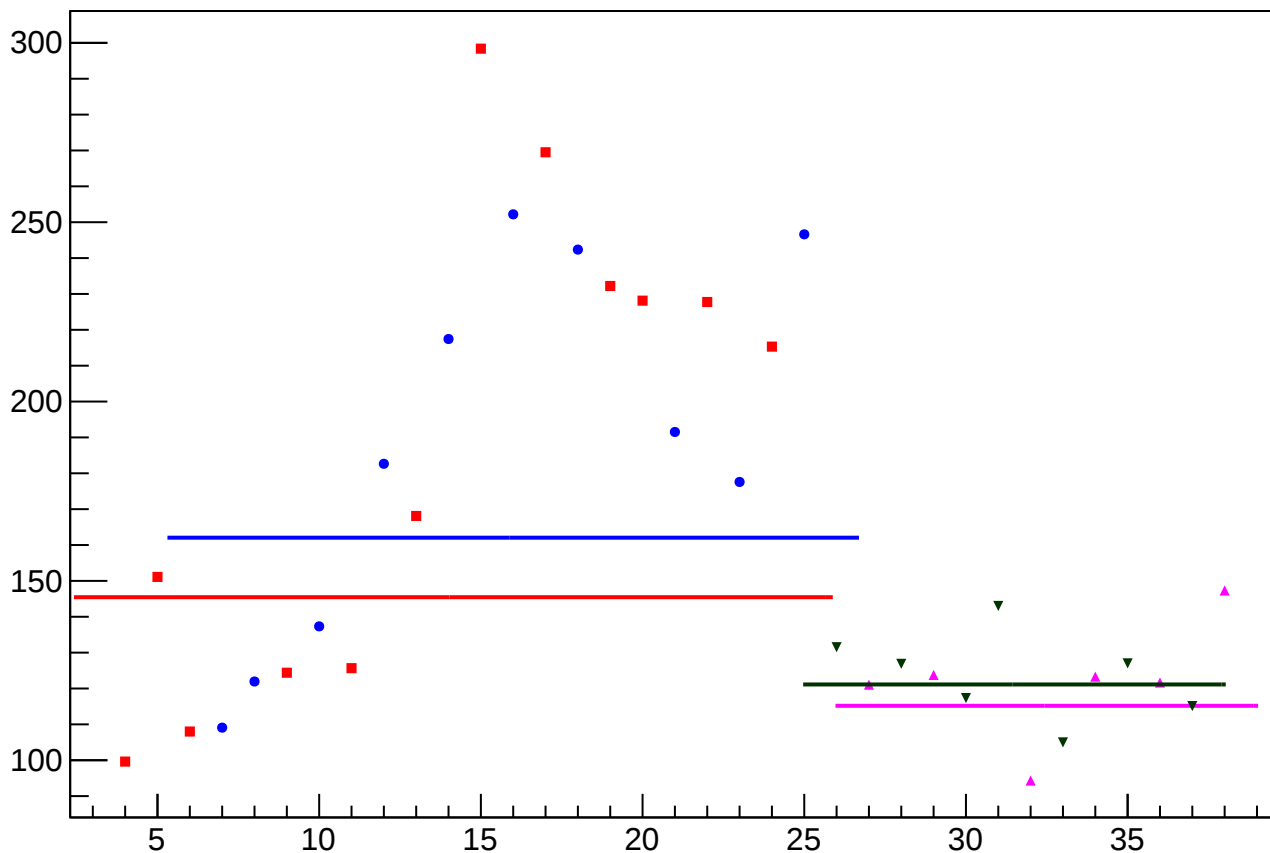
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

Left In: -13.997+/-57.980 χ^2/NDF : 0.7/5

64.249+/-46.053 χ^2/NDF : 7.5/16

20.185+/-42.086 χ^2/NDF : 2.0/17

asym_bcm_dg_ds_rms vs slug



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

Left Out: 121.128+/-0.045 χ^2/NDF : 56609.4/6

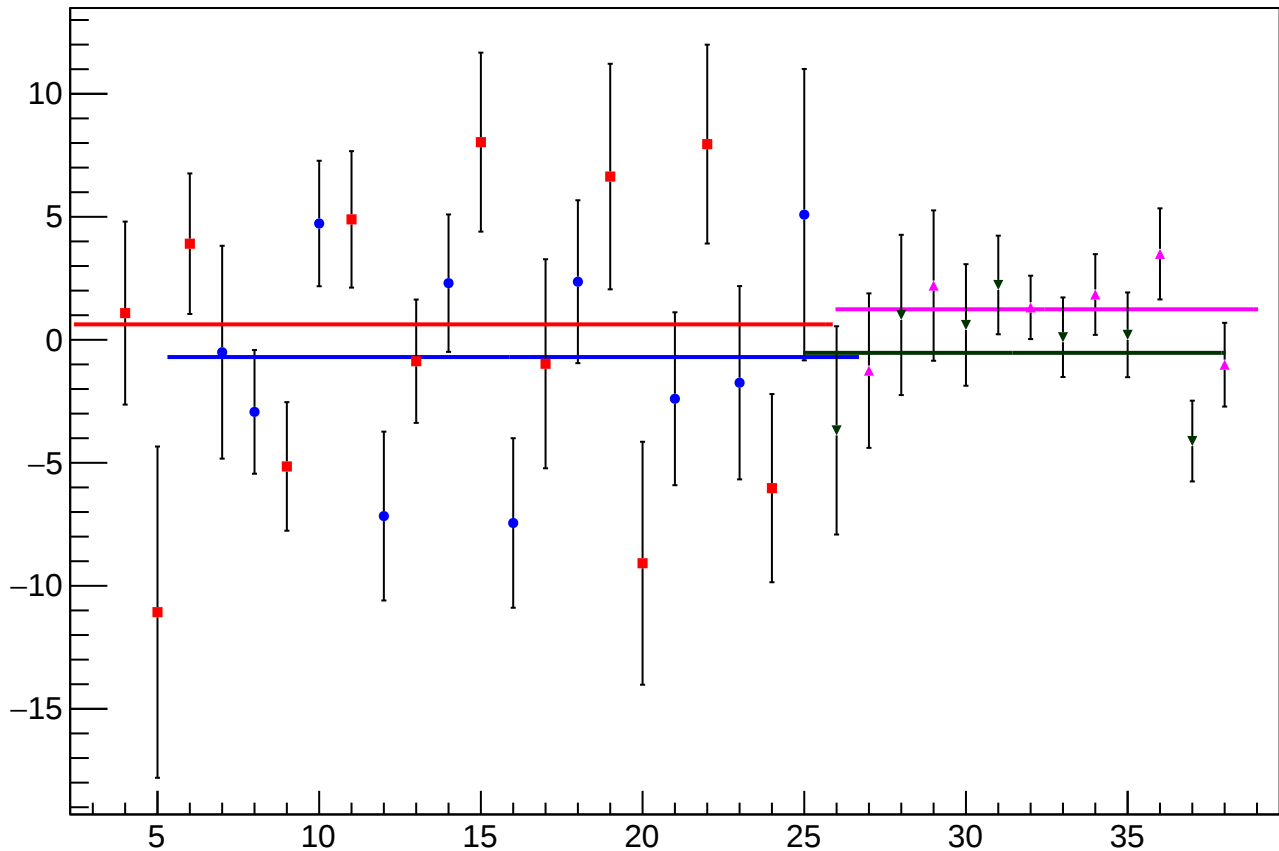
140.568+/-0.033 χ^2/NDF : 1374017.0/16

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

129.502+/-0.030 χ^2/NDF : 1788843.6/17

Left In: 115.179+/-0.041 χ^2/NDF : 153035.9/5

asym_cav4bQ_mean vs slug



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

Left Out: -0.529 ± 0.778 $\chi^2/\text{NDF}: 8.0/6$

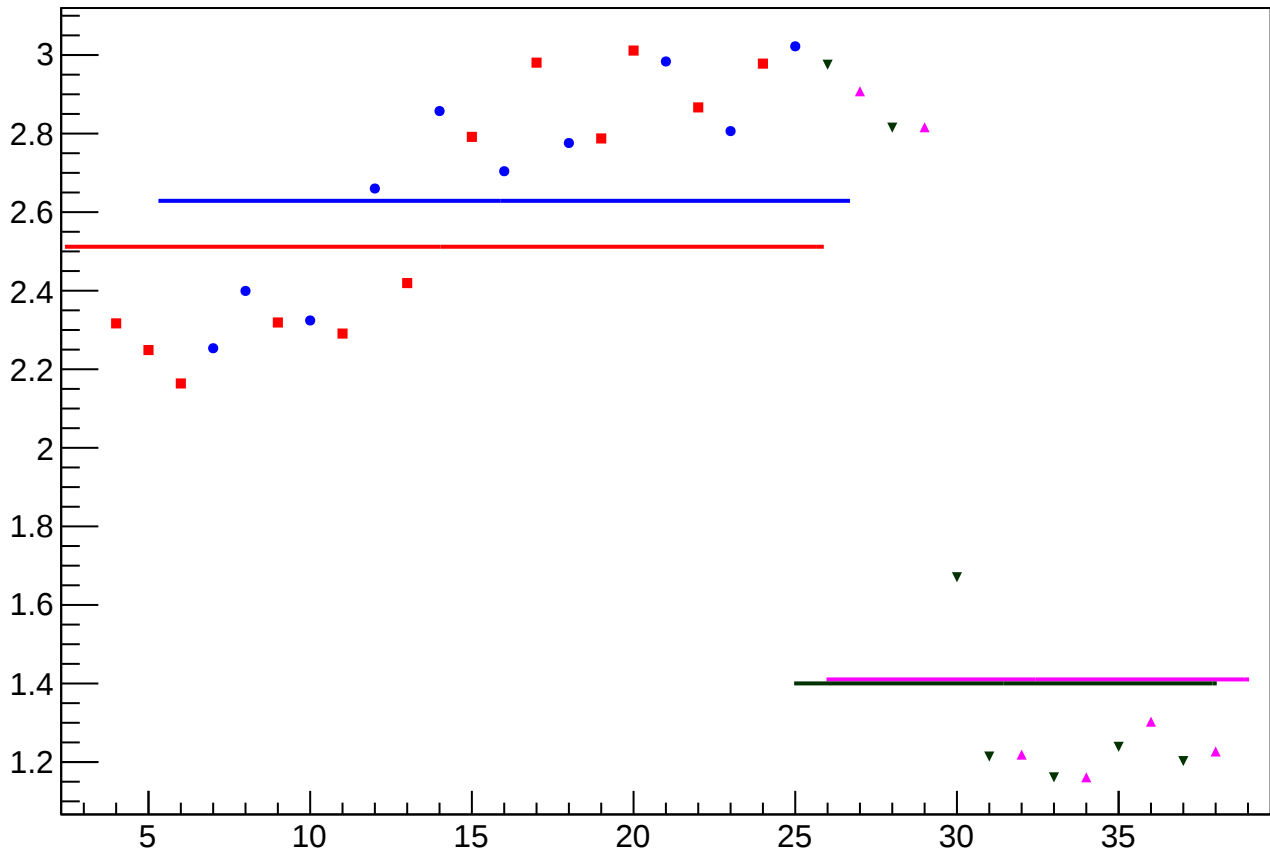
Right Out: 0.628 ± 0.999 $\chi^2/\text{NDF}: 28.1/11$

Left In: 1.241 ± 0.741 $\chi^2/\text{NDF}: 4.1/5$

-0.591 ± 0.622 $\chi^2/\text{NDF}: 24.0/16$

1.023 ± 0.595 $\chi^2/\text{NDF}: 32.5/17$

asym_cav4bQ_rms vs slug



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

Left Out: 1.400 $\pm$ 0.001 χ^2 /NDF: 785768.2/6

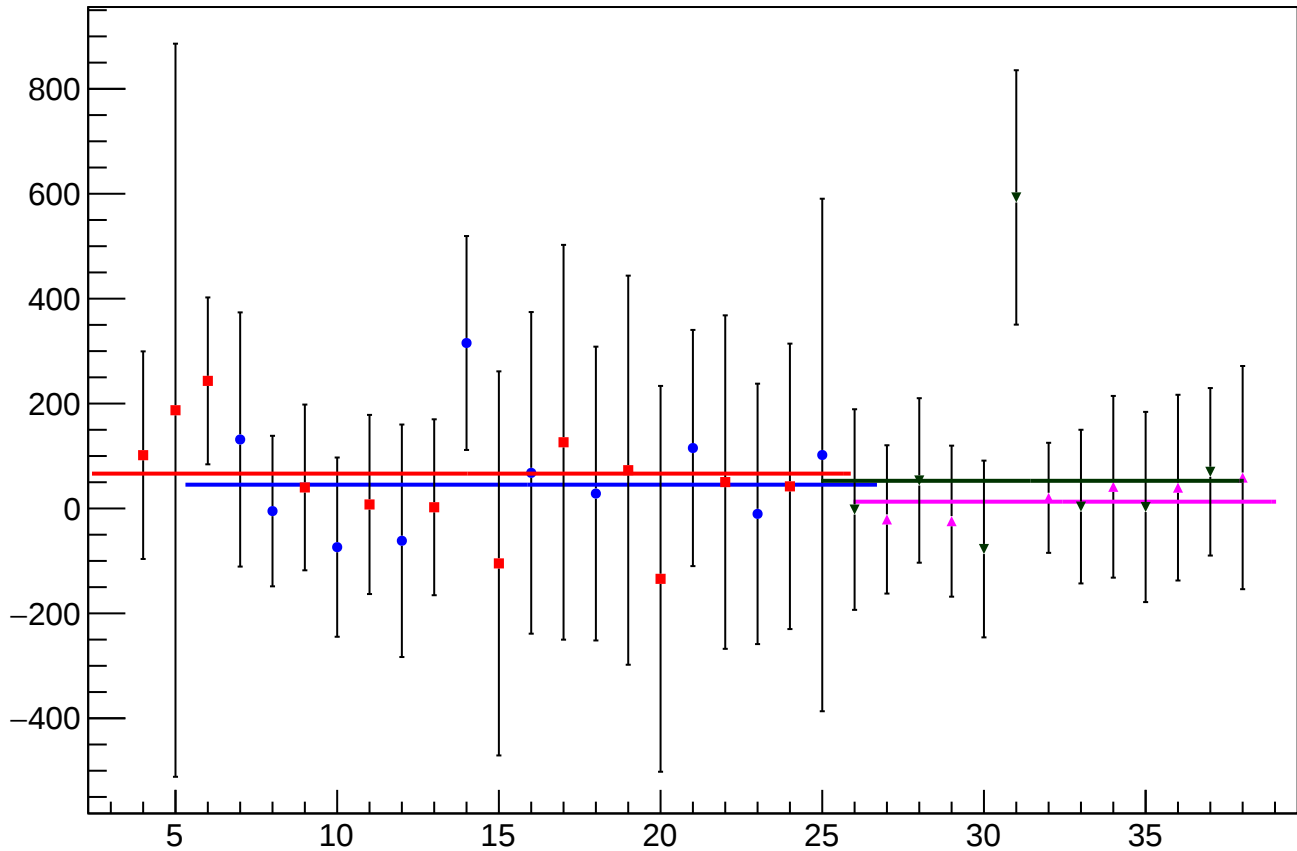
1.842 $\pm$ 0.000 χ^2 /NDF: 2692151.9/16

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

1.802 $\pm$ 0.000 χ^2 /NDF: 2739321.1/17

Left In: 1.410 $\pm$ 0.001 χ^2 /NDF: 998110.4/5

asym_cav4cQ_mean vs slug



Right In: 45.350 $\pm$ 69.374 χ^2 /NDF: 2.9/9

Left Out: 52.728 $\pm$ 65.029 χ^2 /NDF: 5.8/6

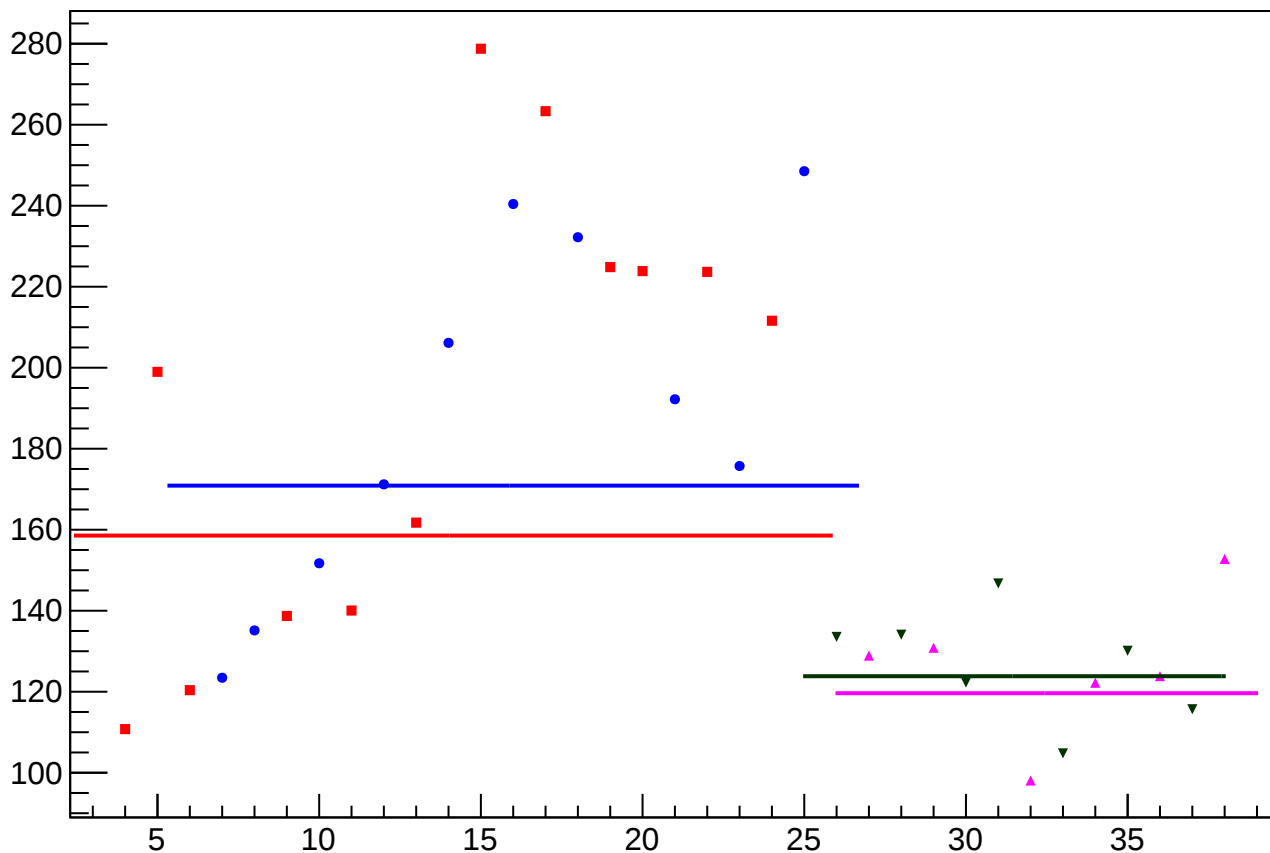
Right Out: 66.444 $\pm$ 65.999 χ^2 /NDF: 2.1/11

Left In: 12.933 $\pm$ 60.145 χ^2 /NDF: 0.2/5

49.277 $\pm$ 47.444 χ^2 /NDF: 8.7/16

37.211 $\pm$ 44.455 χ^2 /NDF: 2.7/17

asym_cav4cQ_rms vs slug



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

Left Out: 123.830+/-0.046 χ^2/NDF : 73167.2/6

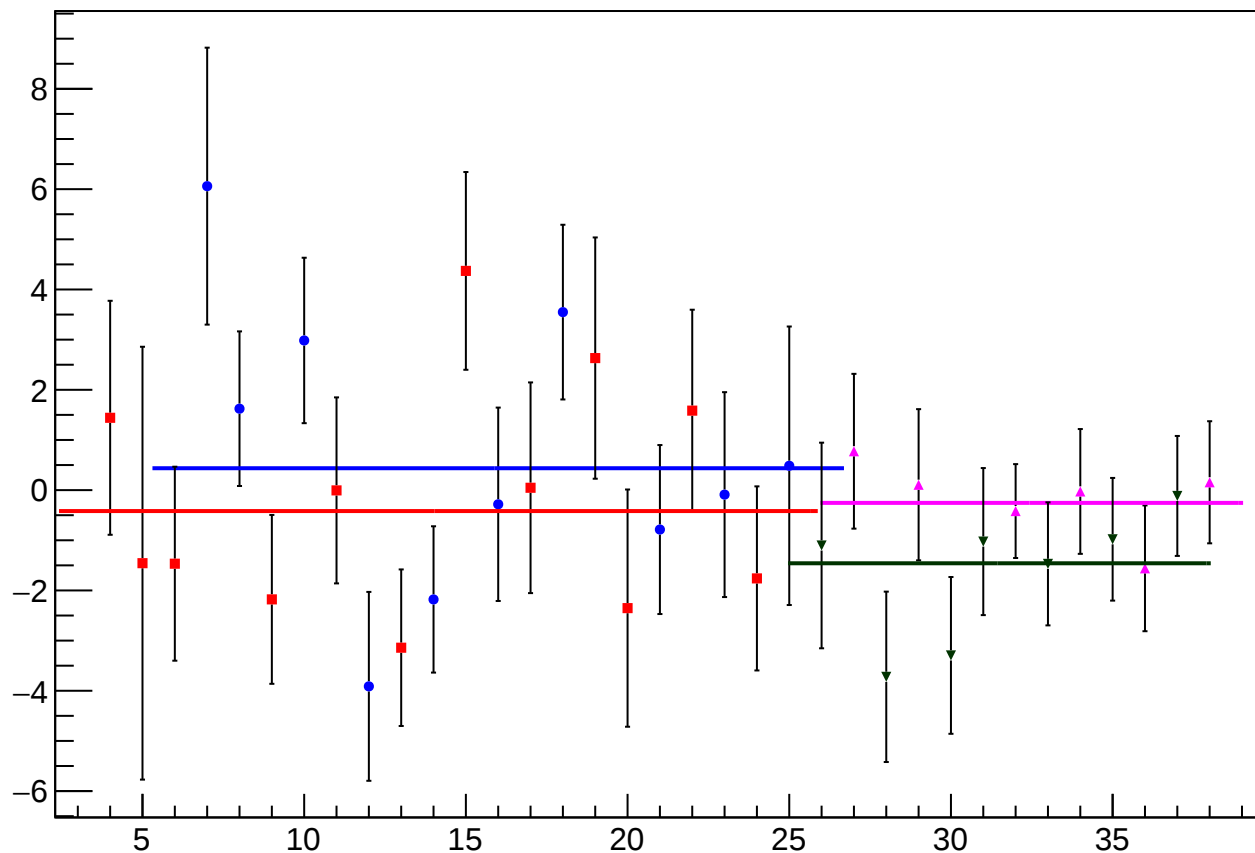
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 119.639+/-0.043 χ^2/NDF : 155349.0/5

145.838+/-0.034 χ^2/NDF : 1116700.5/16

137.296+/-0.031 χ^2/NDF : 1486941.2/17

asym_cav4dQ_mean vs slug



Right In: 0.437 $\pm$ 0.578 χ^2 /NDF: 19.6/9

Left Out: -1.458 $\pm$ 0.535 χ^2 /NDF: 4.7/6

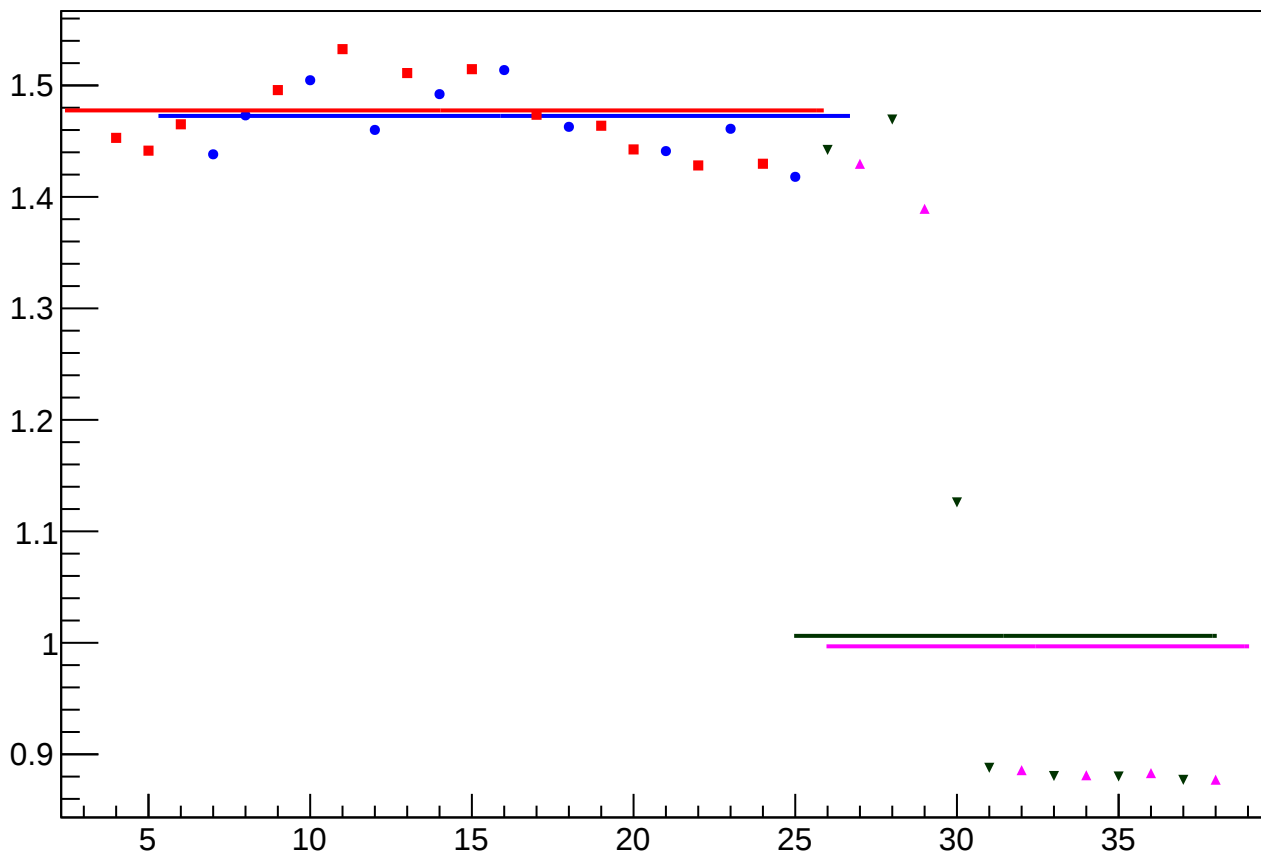
Right Out: -0.417 $\pm$ 0.583 χ^2 /NDF: 14.9/11

Left In: -0.254 $\pm$ 0.503 χ^2 /NDF: 1.8/5

-0.584 $\pm$ 0.393 χ^2 /NDF: 30.1/16

-0.324 $\pm$ 0.381 χ^2 /NDF: 16.7/17

asym_cav4dQ_rms vs slug



Right In: 1.473+/-0.000 χ^2/NDF : 4027.5/9

Left Out: 1.006+/-0.000 χ^2/NDF : 329593.7/6

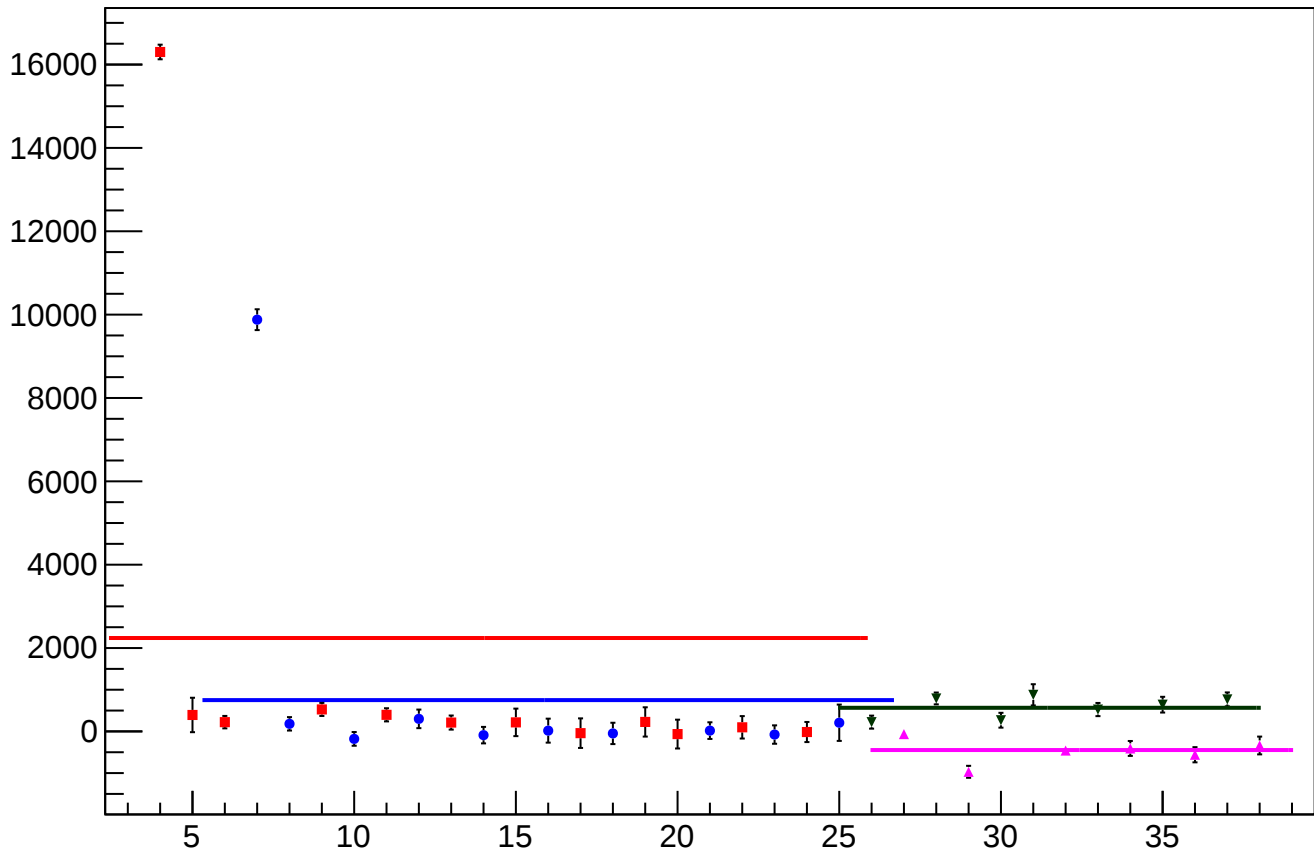
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 0.997+/-0.000 χ^2/NDF : 374247.5/5

1.221+/-0.000 χ^2/NDF : 1034783.9/16

1.202+/-0.000 χ^2/NDF : 1161086.6/17

asym_bcm0l02_mean vs slug



Right In: 750.803+/-68.130 χ^2 /NDF: 1445.6/9

Left Out: 566.497+/-64.381 χ^2 /NDF:13.3/6

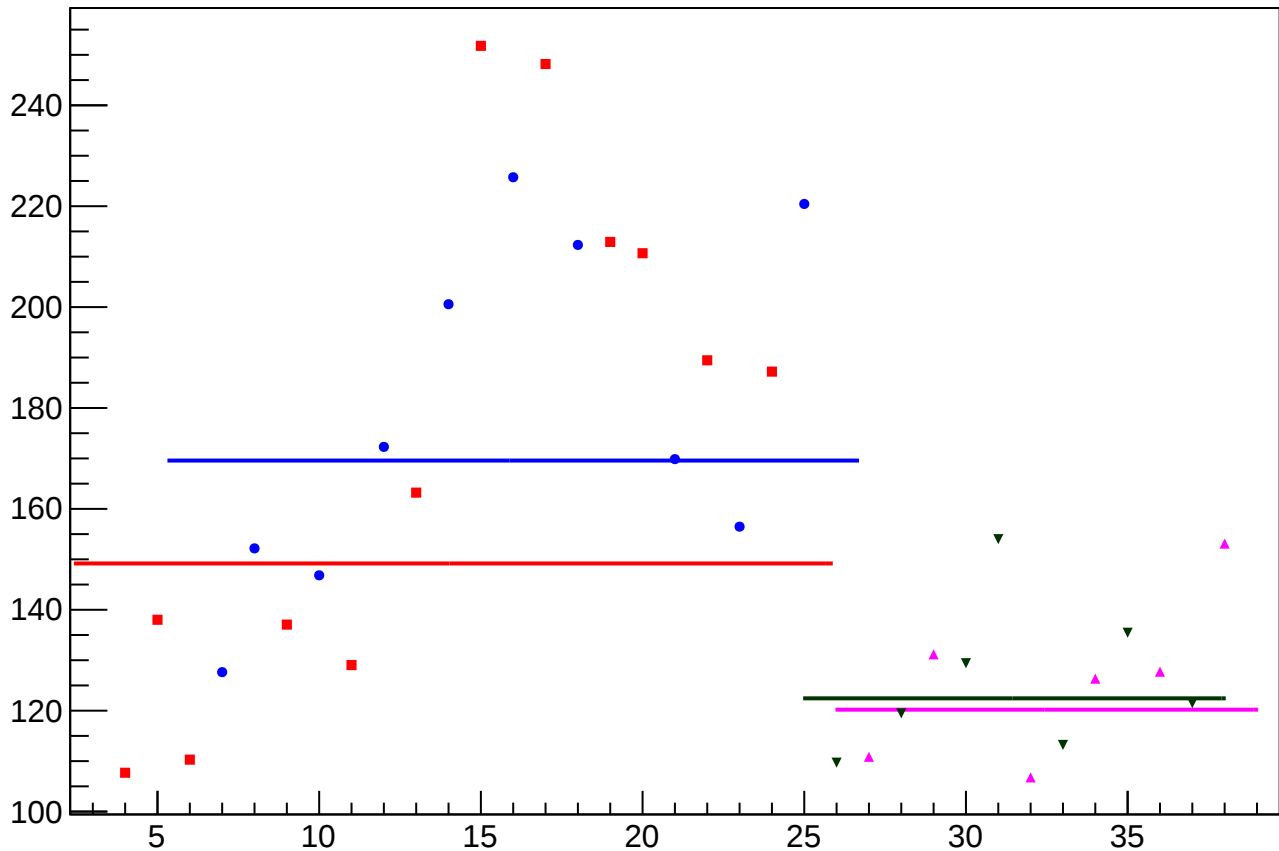
653.440+/-46.793 χ^2 /NDF: 1462.7/16

Right Out: 2240.760+/-61.598 χ^2 /NDF: 7330.5/11

863.768+/-43.019 χ^2 /NDF: 8329.8/17

Left In: -447.286+/-60.105 χ^2 /NDF:23.8/5

asym_bcm0l02_rms vs slug



Right In: 169.579+/-0.048 χ^2/NDF : 333569.7/9

Left Out: 122.444+/-0.046 χ^2/NDF : 64364.4/6

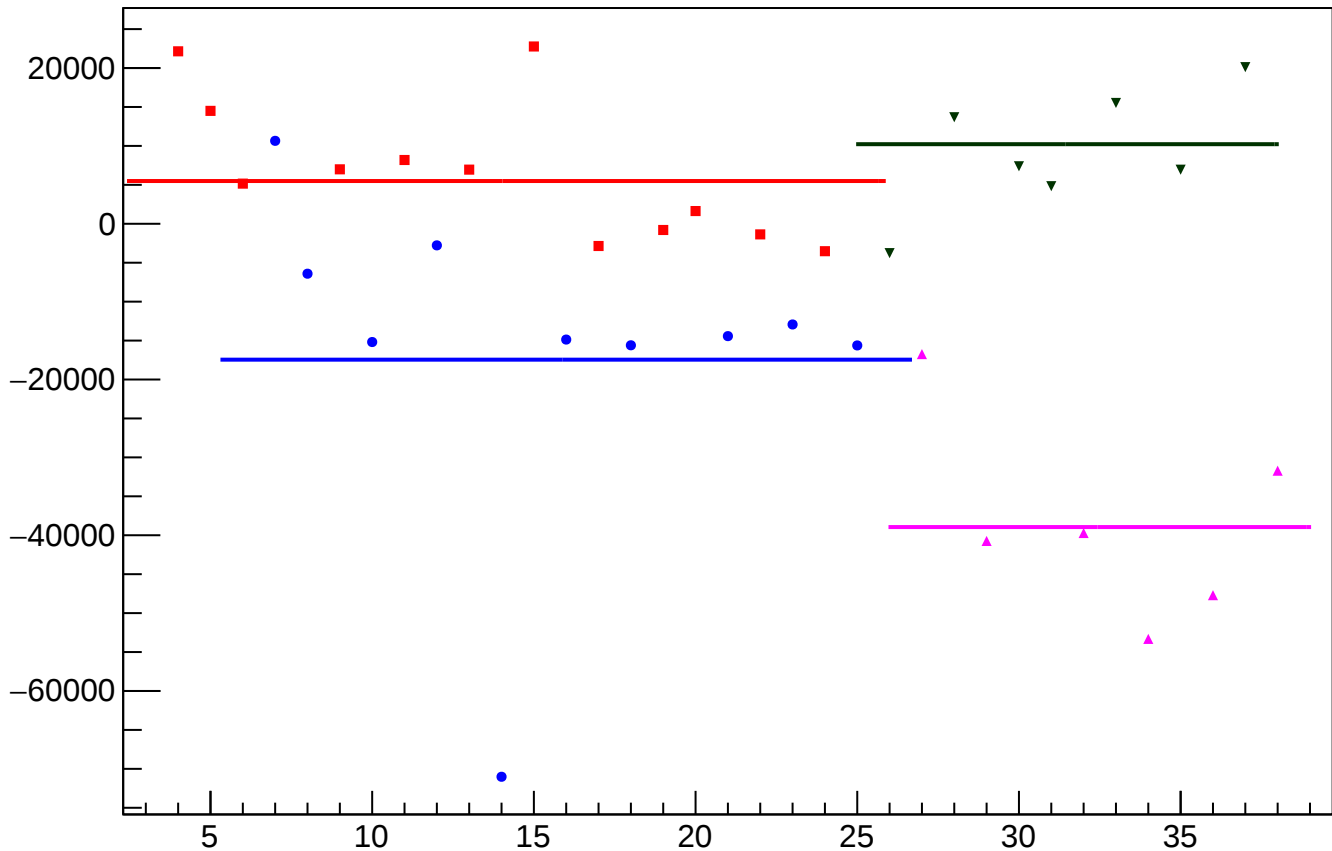
144.679+/-0.033 χ^2/NDF : 903626.3/16

Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

134.336+/-0.030 χ^2/NDF : 1211348.4/17

Left In: 120.199+/-0.043 χ^2/NDF : 104668.4/5

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 10221.256+/-54.051 χ^2/NDF :18717.5/6

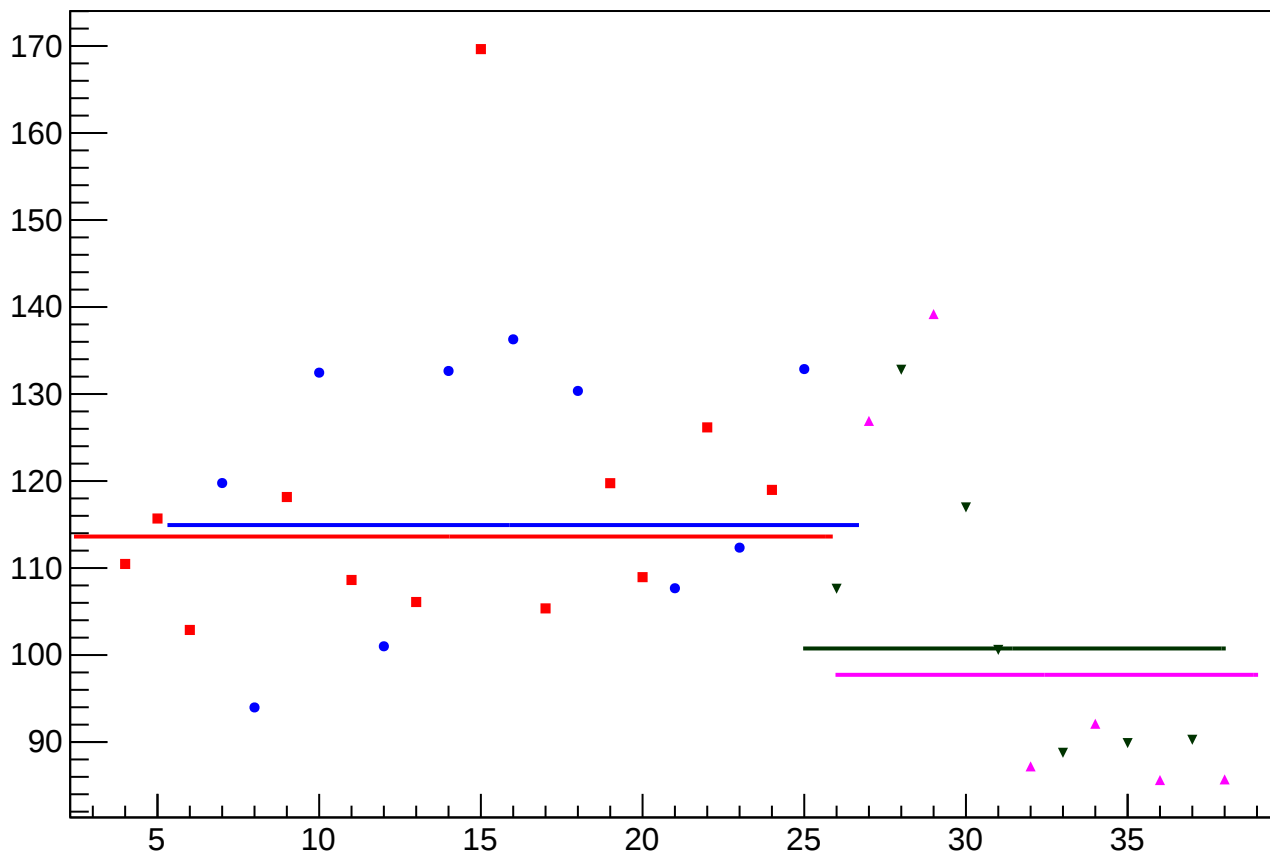
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -38949.150+/-50.338 χ^2/NDF :44642.3/5

-5604.702+/-35.364 χ^2/NDF : 371952.2/16

-14910.123+/-34.106 χ^2/NDF : 490897.1/17

asym_bpm2i01WS_rms vs slug



Right In: 114.939 ± 0.033 χ^2/NDF : 233540.9/9

Left Out: 100.755 ± 0.038 χ^2/NDF : 148270.6/6

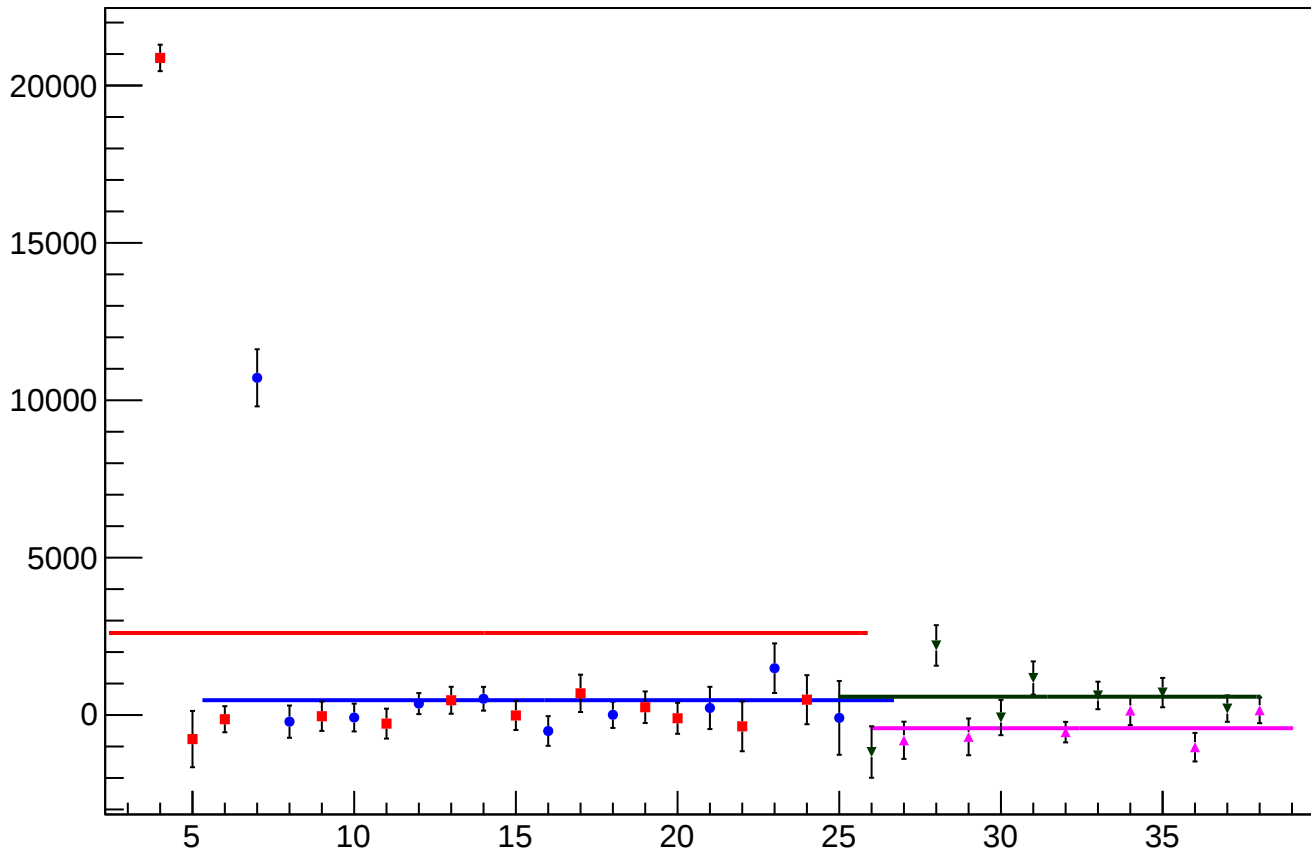
Right Out: 113.621 ± 0.033 χ^2/NDF : 162658.1/11

Left In: 97.727 ± 0.036 χ^2/NDF : 292447.0/5

108.867 ± 0.025 χ^2/NDF : 460584.3/16

106.324 ± 0.024 χ^2/NDF : 562963.7/17

asym_bpm0i07WS_mean vs slug



Right In: 470.960+/-156.387 χ^2/NDF : 138.4/9

Left Out: 582.009+/-195.538 χ^2/NDF : 14.6/6

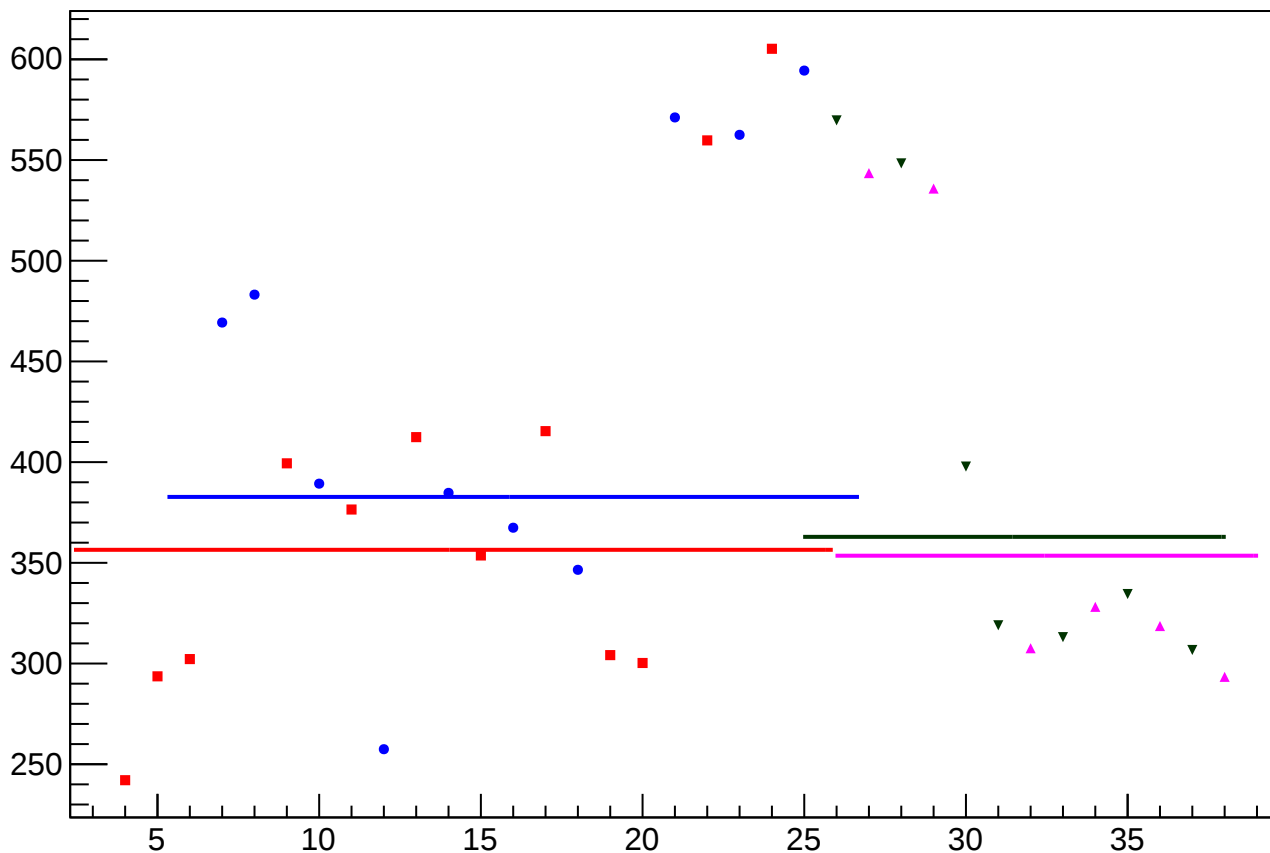
514.281+/-122.131 χ^2/NDF : 153.2/16

Right Out: 2606.972+/-147.343 χ^2/NDF : 2154.3/11

1397.608+/-114.161 χ^2/NDF : 2328.8/17

Left In: -418.816+/-180.576 χ^2/NDF : 6.0/5

asym_bpm0i07WS_rms vs slug



Right In: 382.730+/-0.111 χ^2/NDF : 720132.6/9

Left Out: 362.898+/-0.138 χ^2/NDF : 384145.0/6

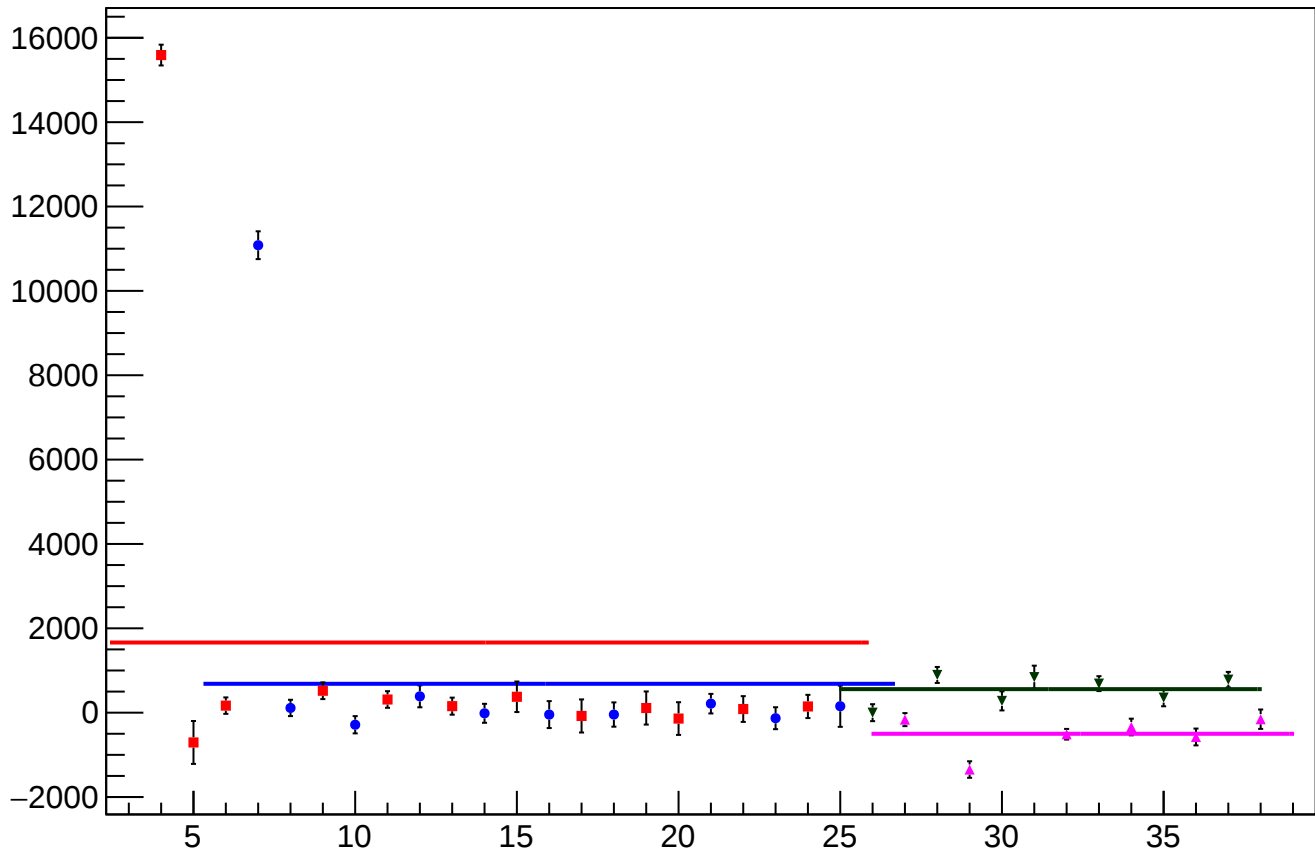
374.993+/-0.086 χ^2/NDF : 1116823.8/16

Right Out: 356.465+/-0.104 χ^2/NDF : 650032.0/11

355.296+/-0.081 χ^2/NDF : 1152654.6/17

Left In: 353.541+/-0.128 χ^2/NDF : 502307.8/5

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 $\chi^2/\text{NDF}: 1063.9/9$

Left Out: 558.042 ± 76.515 $\chi^2/\text{NDF}: 16.5/6$

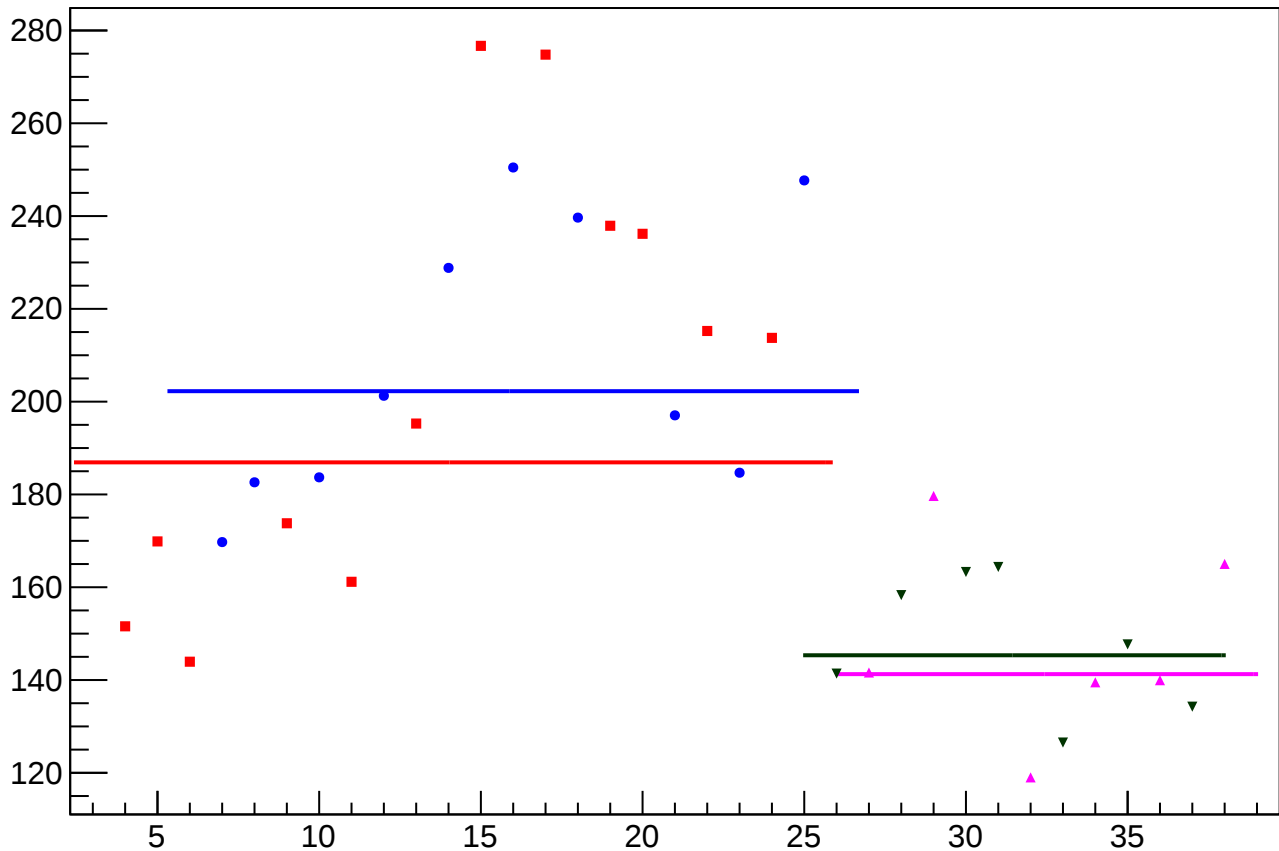
617.989 ± 55.510 $\chi^2/\text{NDF}: 1081.7/16$

Right Out: 1663.245 ± 75.915 $\chi^2/\text{NDF}: 3538.6/11$

504.835 ± 51.748 $\chi^2/\text{NDF}: 4000.0/17$

Left In: -500.600 ± 70.725 $\chi^2/\text{NDF}: 26.5/5$

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 145.337+/-0.054 χ^2/NDF : 62765.8/6

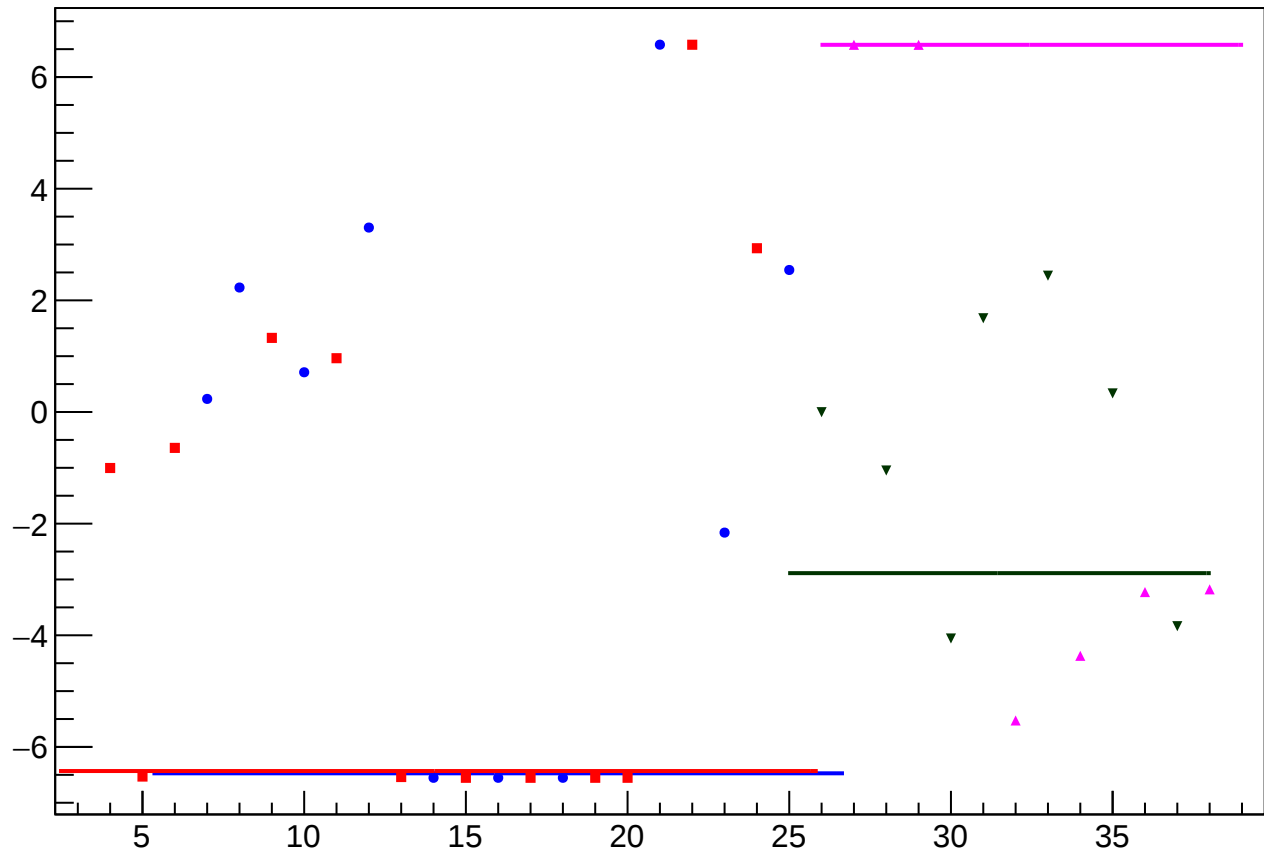
Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

Left In: 141.271+/-0.050 χ^2/NDF : 160346.5/5

172.299+/-0.039 χ^2/NDF : 778237.0/16

162.479+/-0.037 χ^2/NDF : 1059685.4/17

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -2.887+/-0.001 χ^2/NDF : 3767764.5/6

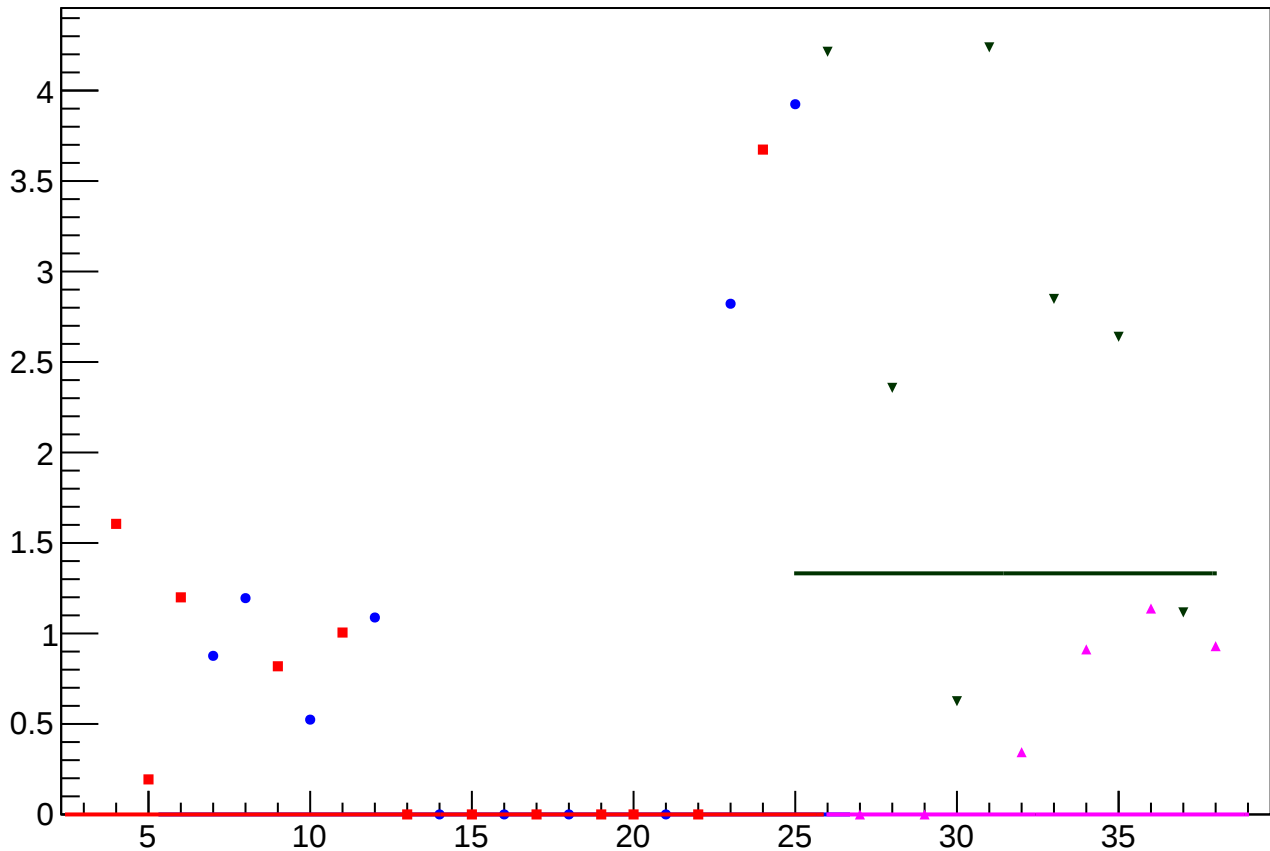
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 463311489.5/5

-6.473+/-0.000 χ^2/NDF : 127847944006869.1/1

-6.315+/-0.000 χ^2/NDF : 297092093618499.3/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 1.332+/-0.001 χ^2/NDF : 1892064.2/6

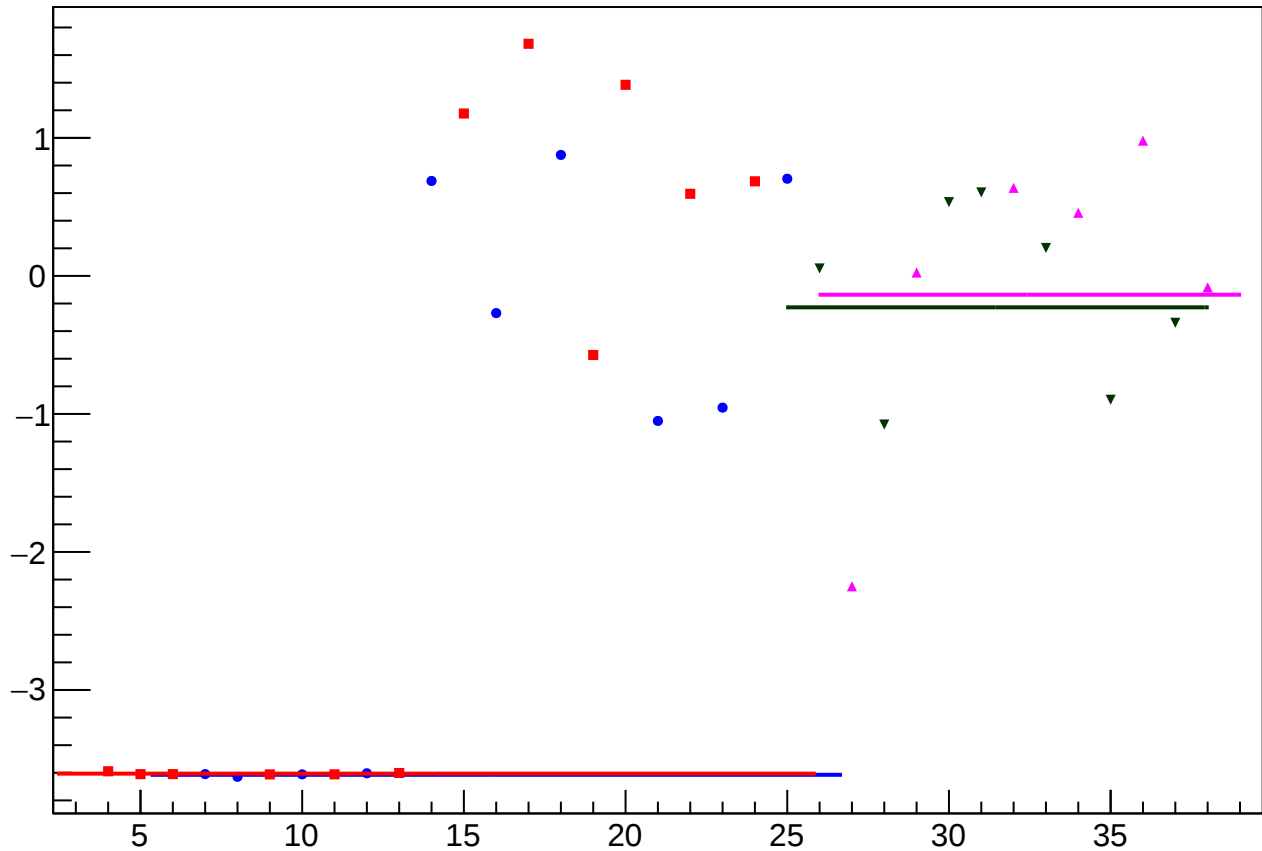
0.000+/-0.000 χ^2/NDF : 9648690.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

0.000+/-0.000 χ^2/NDF : 6262241.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 2189189.7/5

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

-3.614+/-0.000 χ^2/NDF : 49110486855.1/16

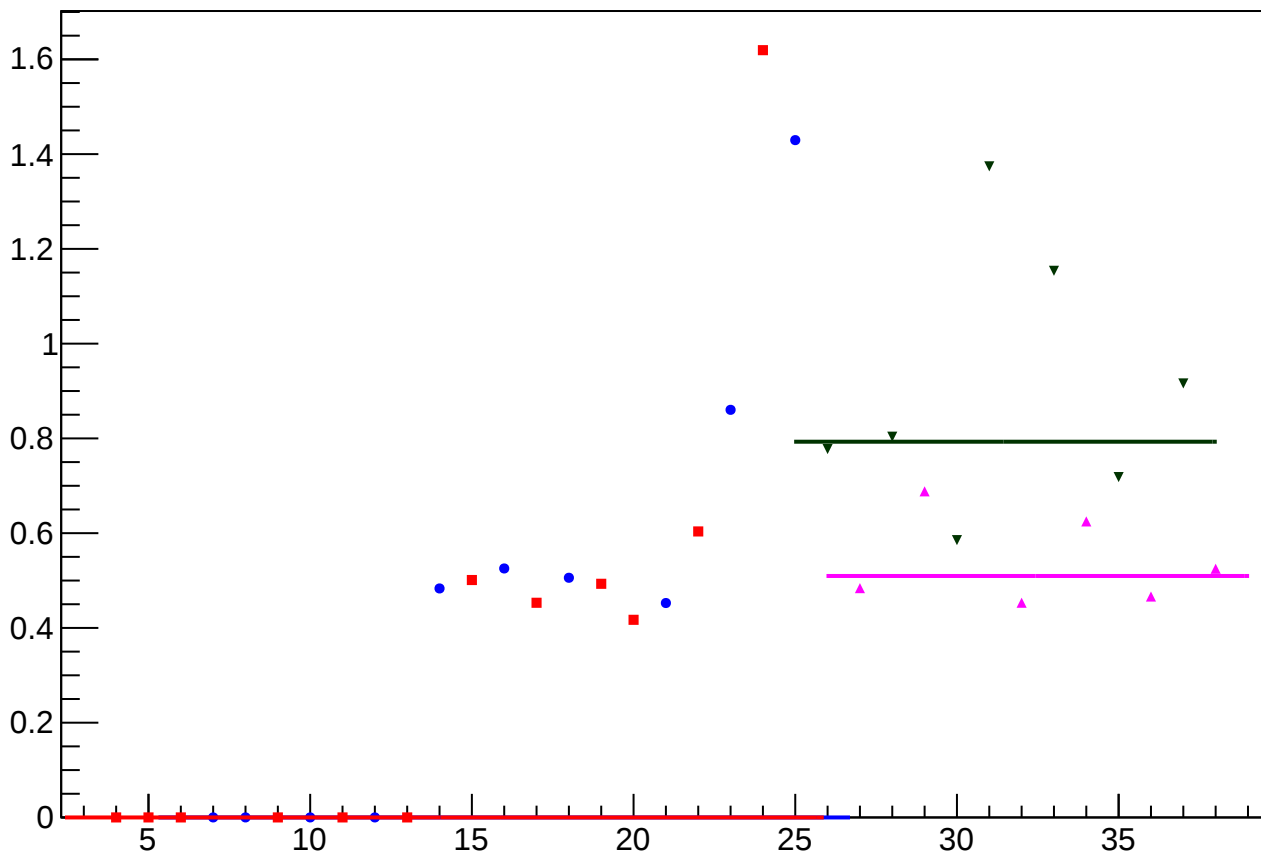
Left Out: -0.228+/-0.000 χ^2/NDF : 1672588.6/6

Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

-3.606+/-0.000 χ^2/NDF : 37888807738.1/17

Left In: -0.136+/-0.000 χ^2/NDF : 14719793.7/5

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.793+/-0.000 χ^2/NDF : 292809.1/6

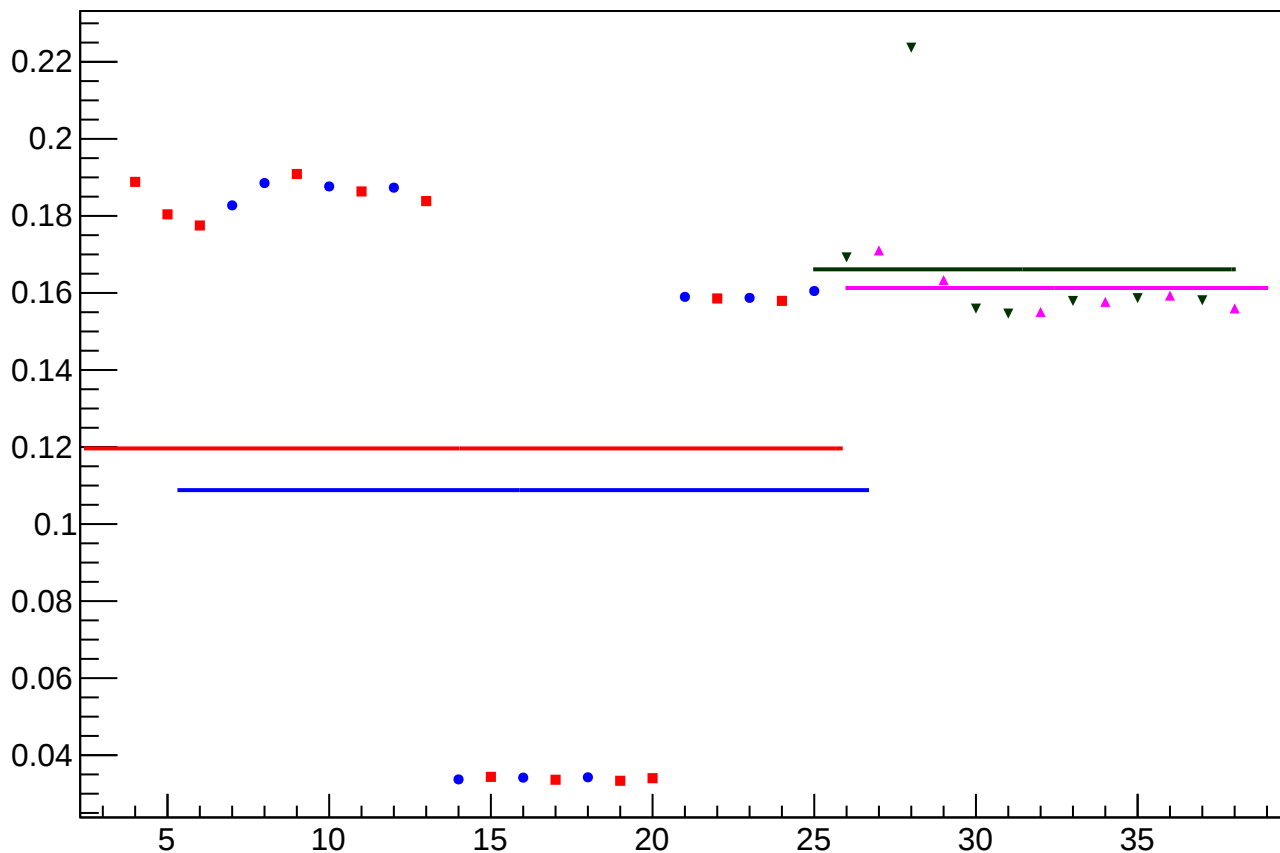
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.510+/-0.000 χ^2/NDF : 120288.5/5

0.000+/-0.000 χ^2/NDF : 11269524.1/16

0.000+/-0.000 χ^2/NDF : 9677555.3/17

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.166+/-0.000 χ^2/NDF : 95134435.2/6

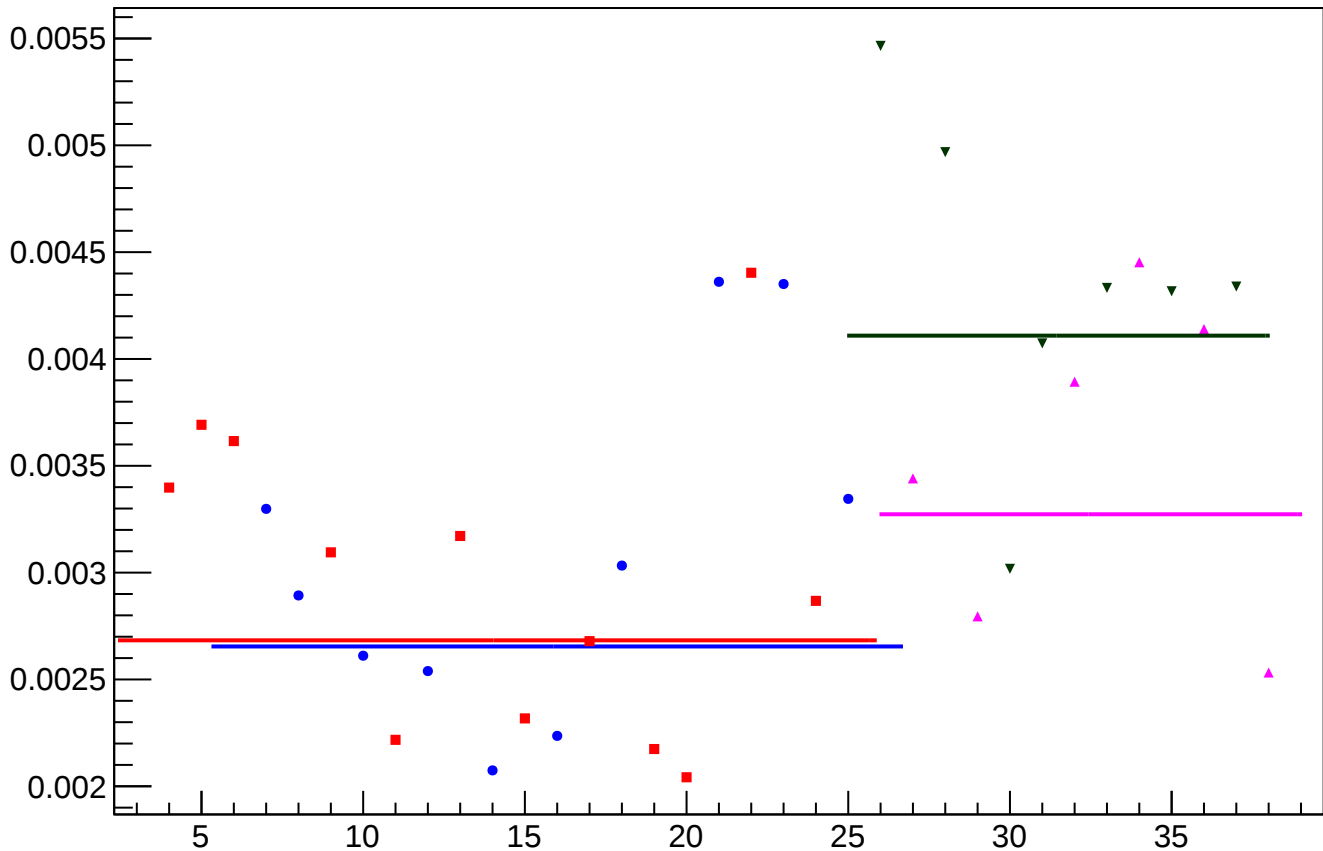
Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

Left In: 0.161+/-0.000 χ^2/NDF : 11225071.2/5

0.120+/-0.000 χ^2/NDF : 5190310582.8/16

0.132+/-0.000 χ^2/NDF : 4628775505.8/17

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 :233746.3/6

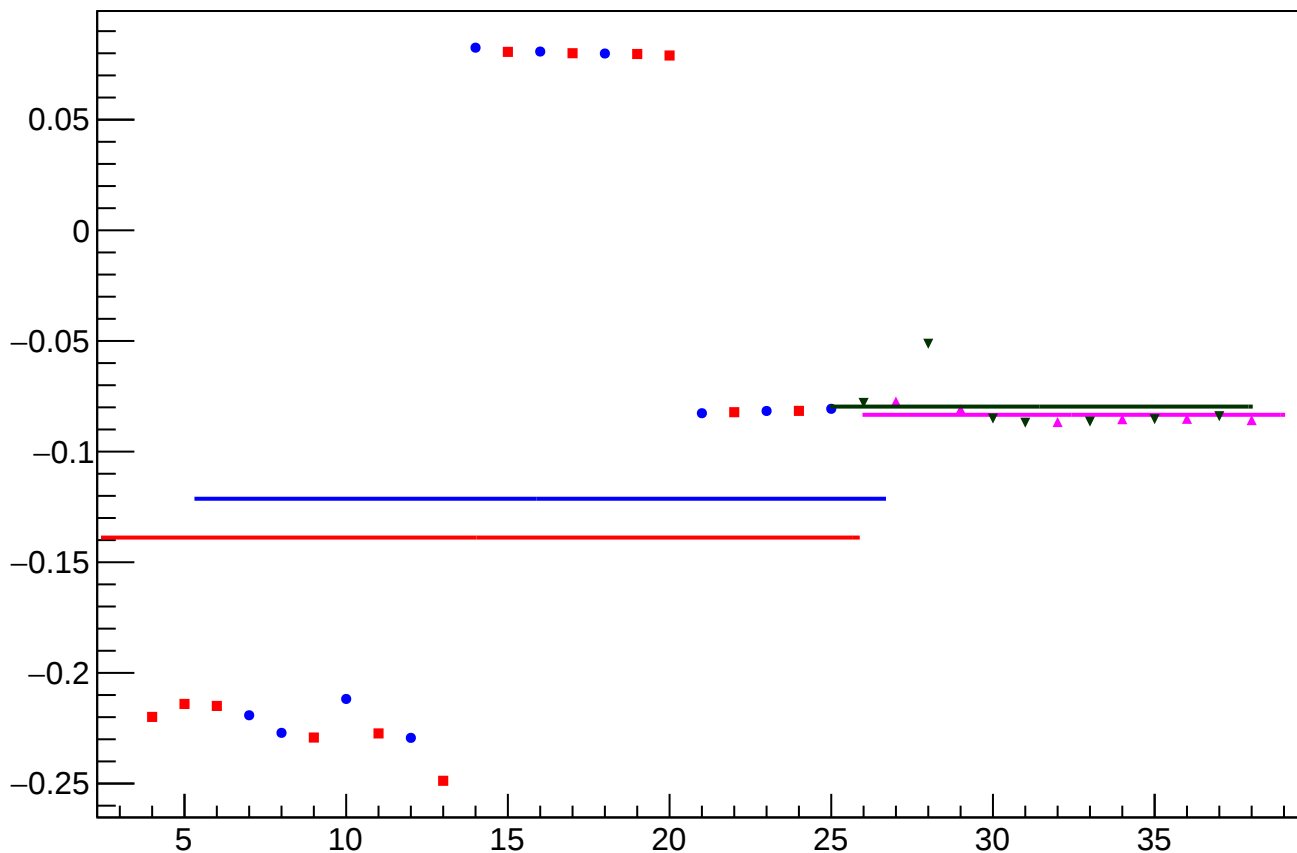
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF :277283.0/5

0.003+/-0.000 χ^2/NDF : 1553303.0/16

0.003+/-0.000 χ^2/NDF : 969707.4/17

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.080+/-0.000 χ^2/NDF : 33375345.2/6

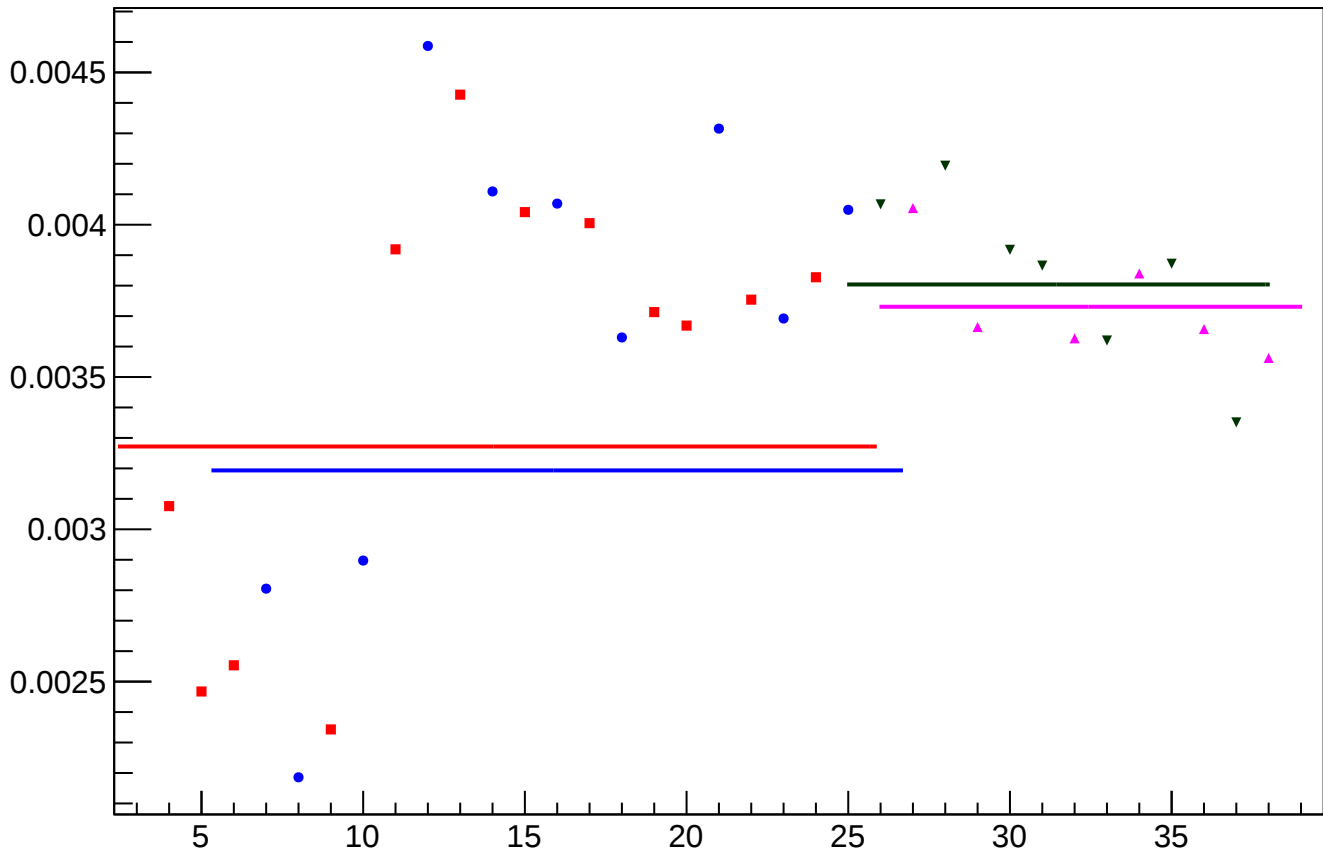
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.083+/-0.000 χ^2/NDF : 3348529.5/5

-0.109+/-0.000 χ^2/NDF : 9845937824.5/16

-0.120+/-0.000 χ^2/NDF : 9191371906.2/17

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 :37585.2/6

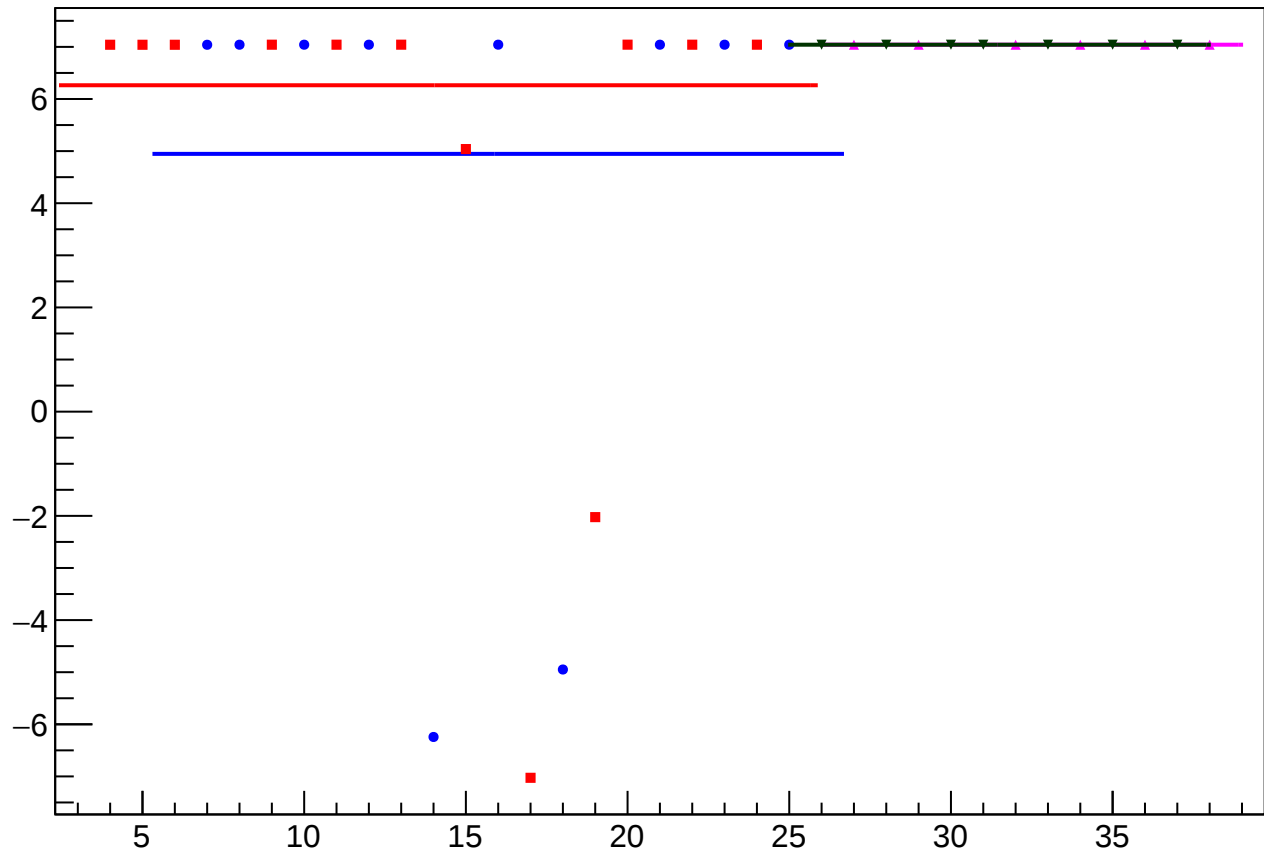
Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

Left In: 0.004+/-0.000 χ^2/NDF :16025.7/5

0.003+/-0.000 χ^2/NDF : 978819.6/16

0.003+/-0.000 χ^2/NDF : 709444.3/17

yield_cav4dX_mean vs slug



Right In: 4.947 $\pm$ 0.000 χ^2 /NDF: 4224474165211712.0/9

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 722417.2/6

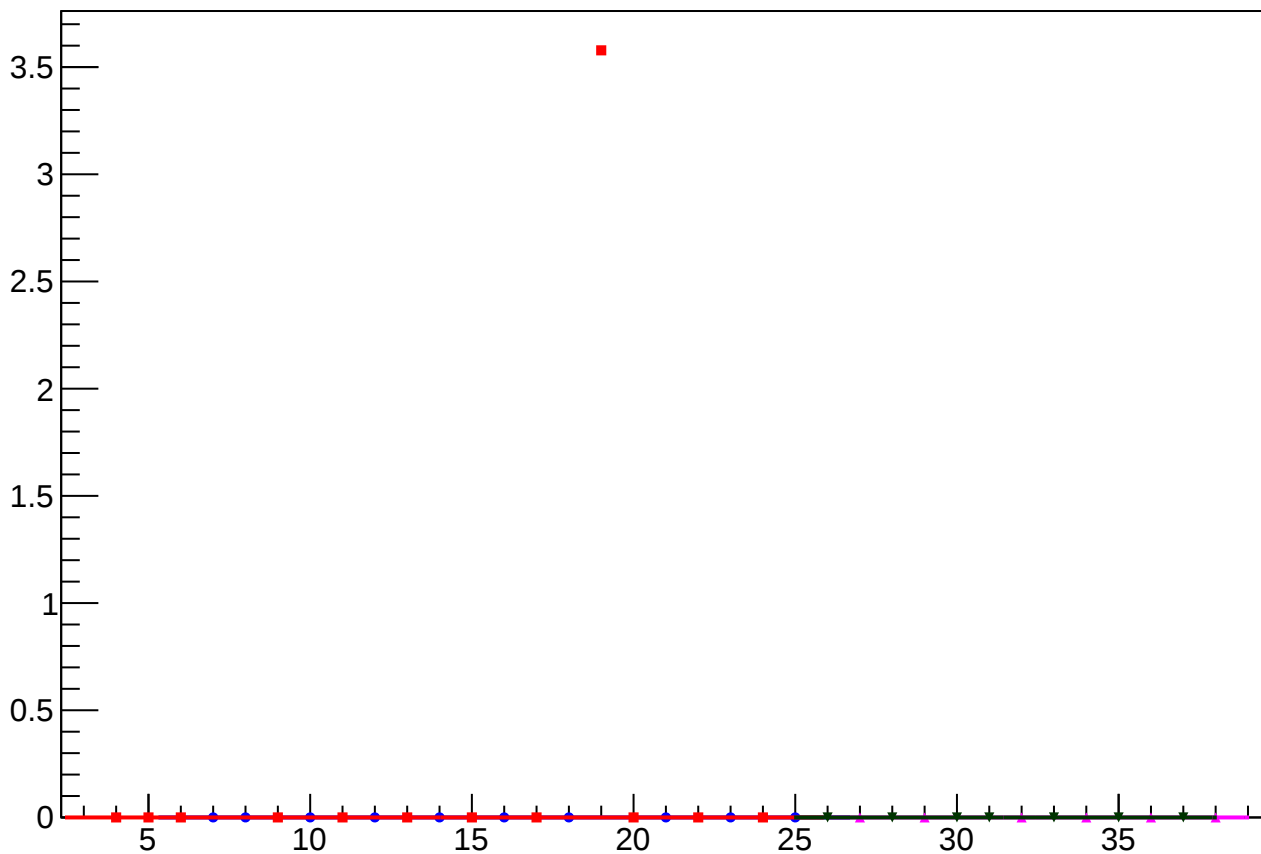
Right Out: 6.264 $\pm$ 0.000 χ^2 /NDF: 1812076141929126.0/11

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 363981.8/5

5.839 $\pm$ 0.000 χ^2 /NDF: 4568615813844621.0/1

6.626 $\pm$ 0.000 χ^2 /NDF: 1862973349559919.0/1

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 : 975.7/6

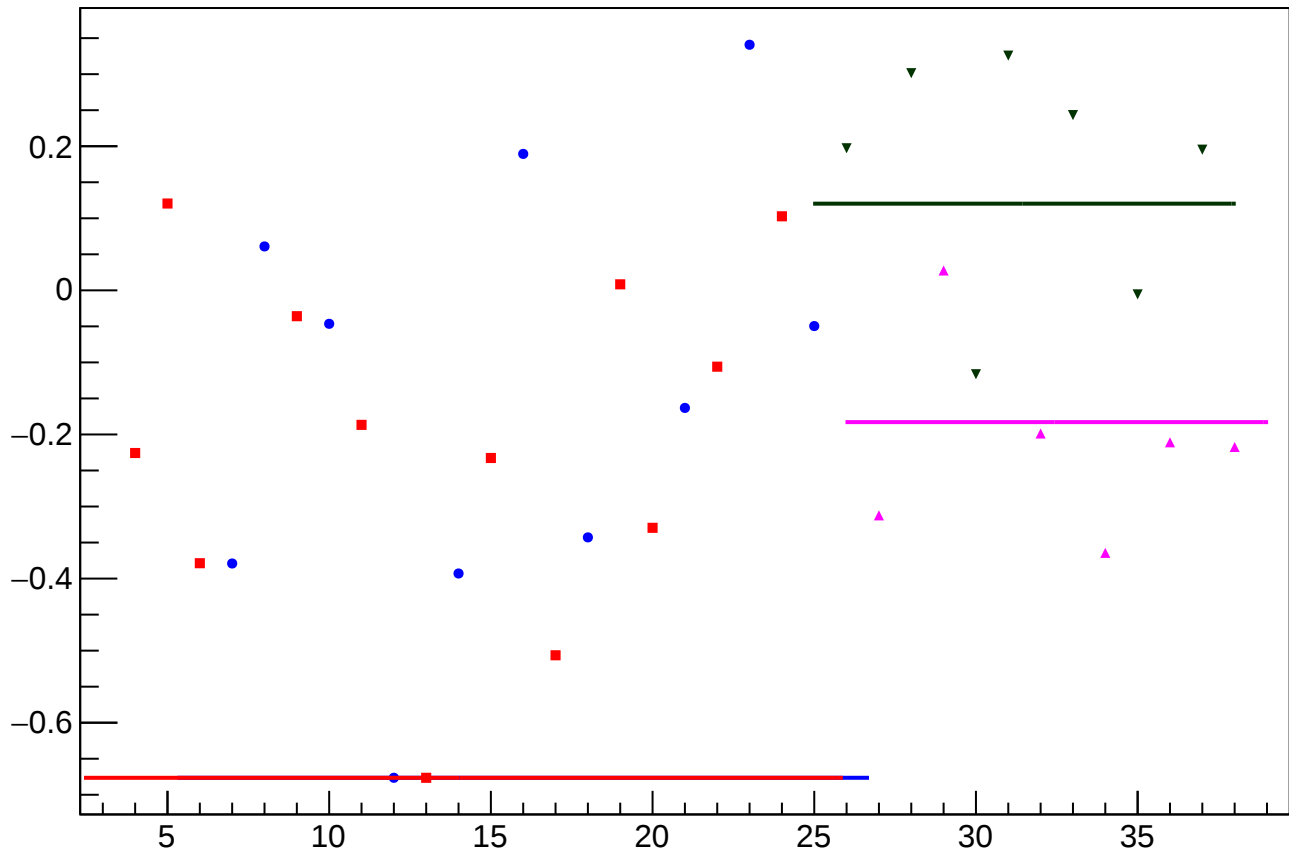
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 1195.4/5

0.000+/-0.000 χ^2/NDF : 3878.4/16

0.000+/-0.000 χ^2/NDF : 700078.9/17

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.120+/-0.000 χ^2/NDF : 6095822.6/6

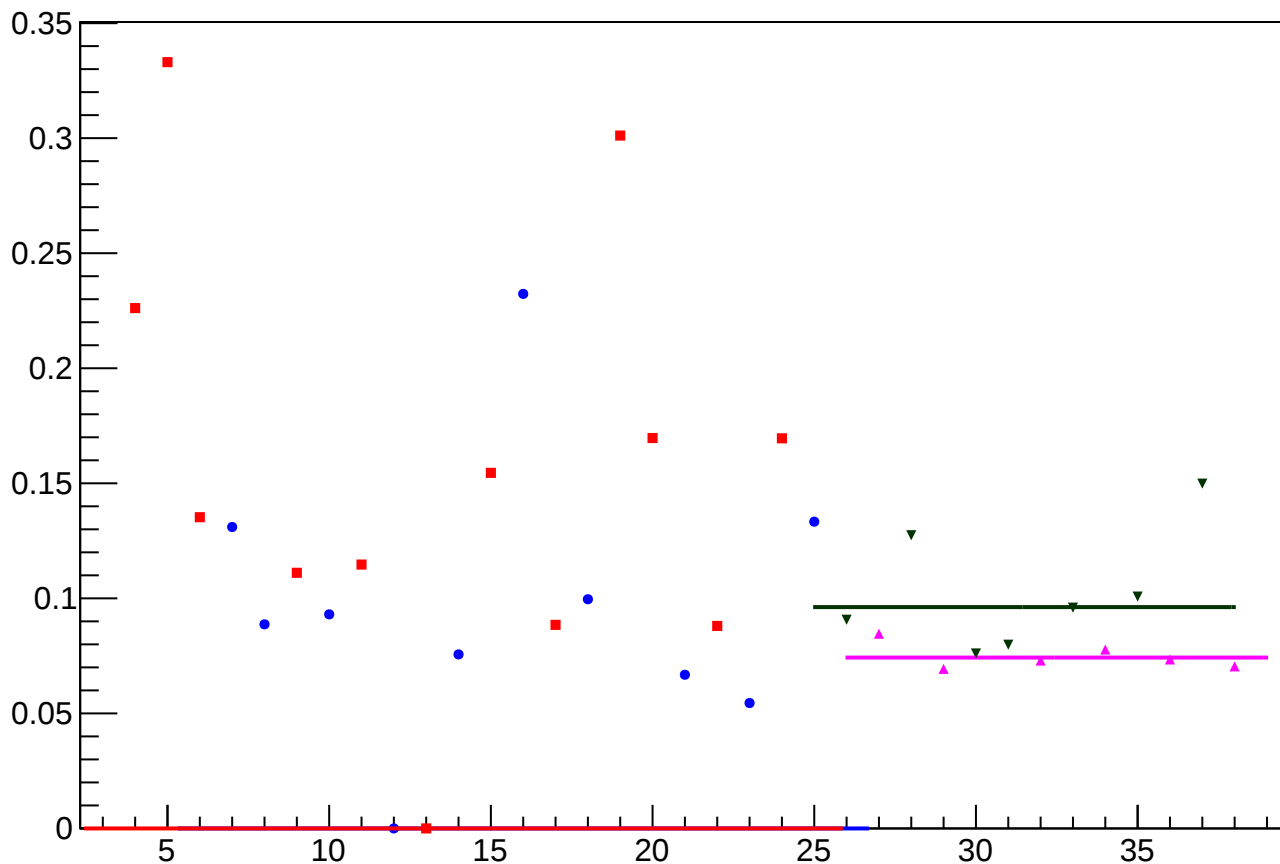
-0.676+/-0.000 χ^2/NDF : 351306846.9/16

Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

-0.676+/-0.000 χ^2/NDF : 174773399.2/17

Left In: -0.183+/-0.000 χ^2/NDF : 6969821.2/5

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.096+/-0.000 χ^2/NDF :186364.5/6

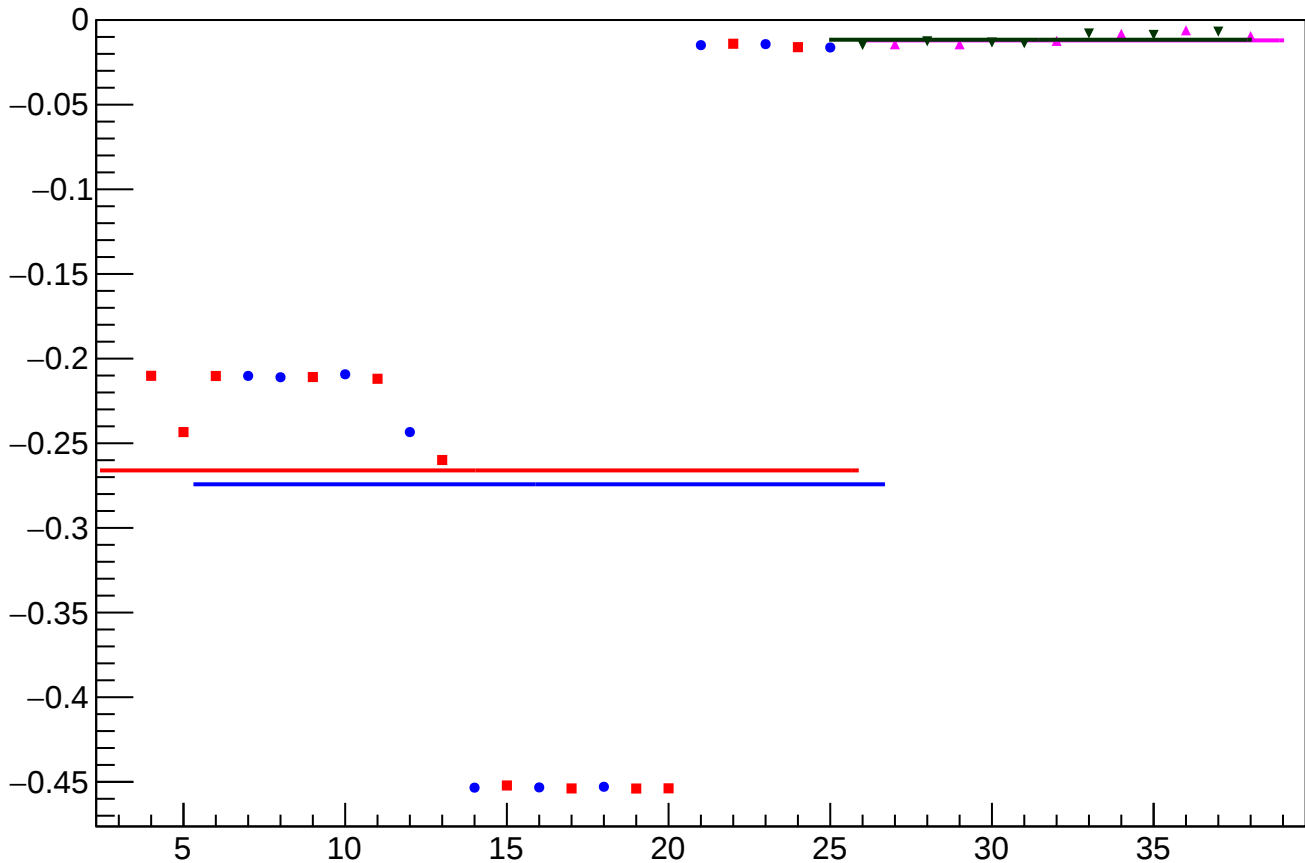
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.074+/-0.000 χ^2/NDF :24651.5/5

0.000+/-0.000 χ^2/NDF : 12316897.9/16

0.000+/-0.000 χ^2/NDF : 12720146.0/17

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.012+/-0.000 χ^2/NDF : 348015.8/6

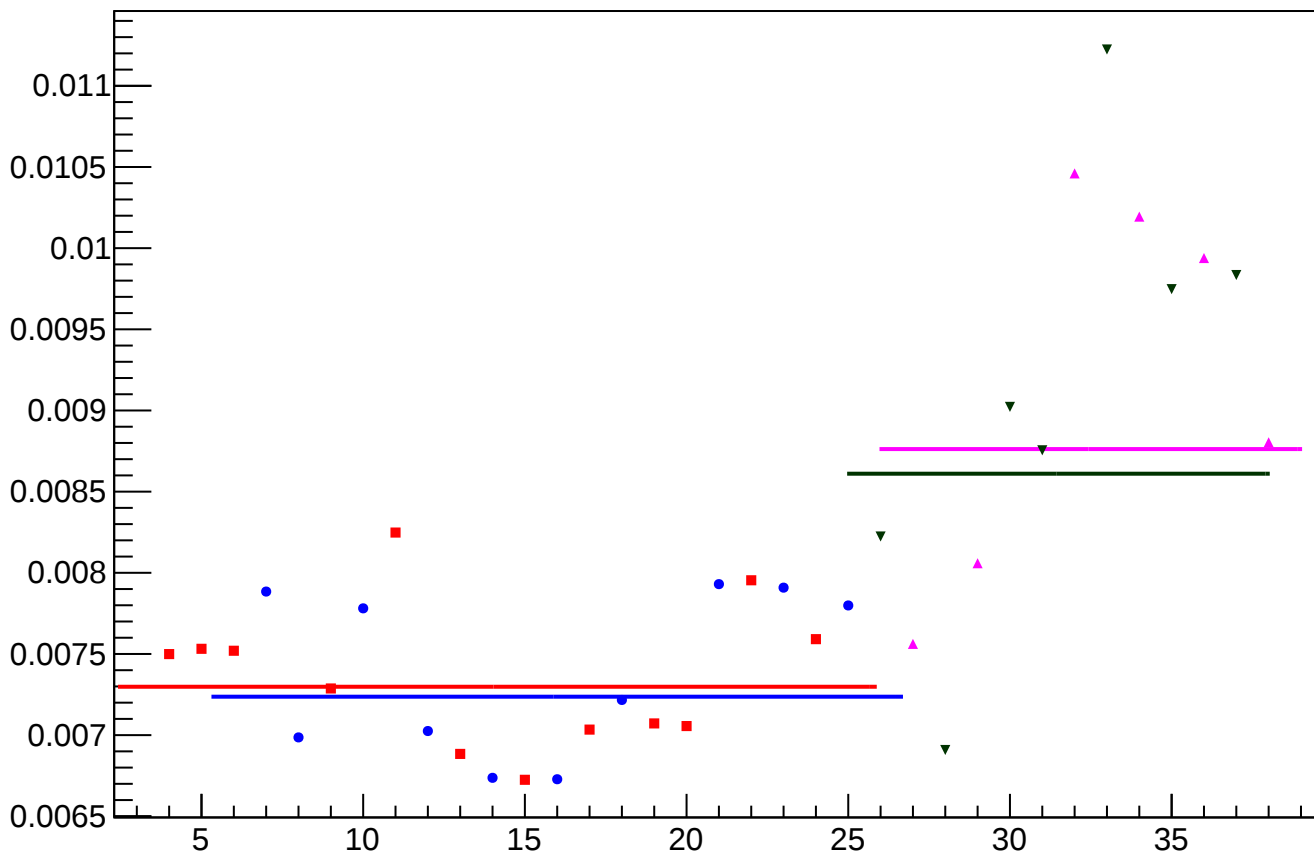
-0.201+/-0.000 χ^2/NDF : 5707511268.8/16

Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

-0.190+/-0.000 χ^2/NDF : 4928894728.8/17

Left In: -0.012+/-0.000 χ^2/NDF : 431419.7/5

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 :171138.7/6

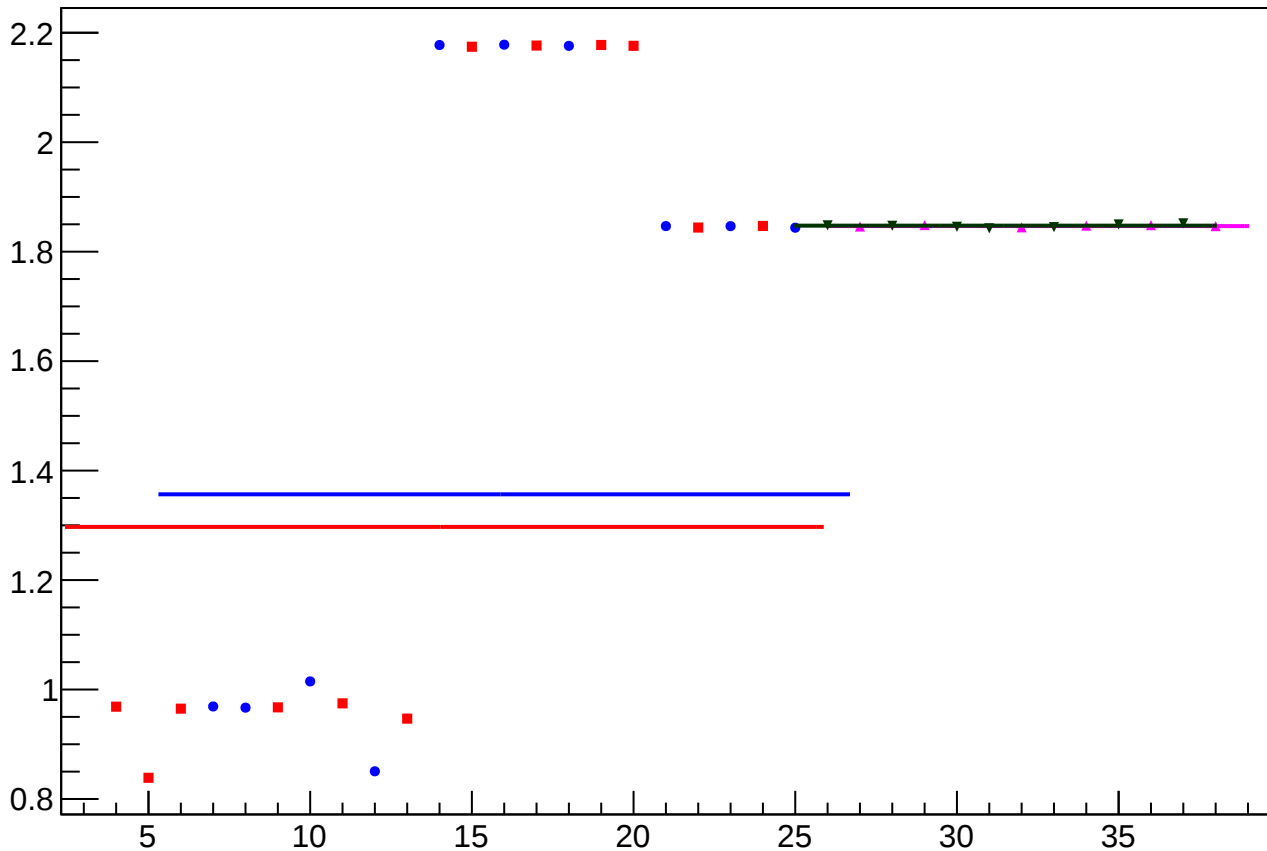
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.009+/-0.000 χ^2/NDF :134293.0/5

0.008+/-0.000 χ^2/NDF : 353902.0/16

0.008+/-0.000 χ^2/NDF : 335193.9/17

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.848+/-0.000 χ^2/NDF :128737.3/6

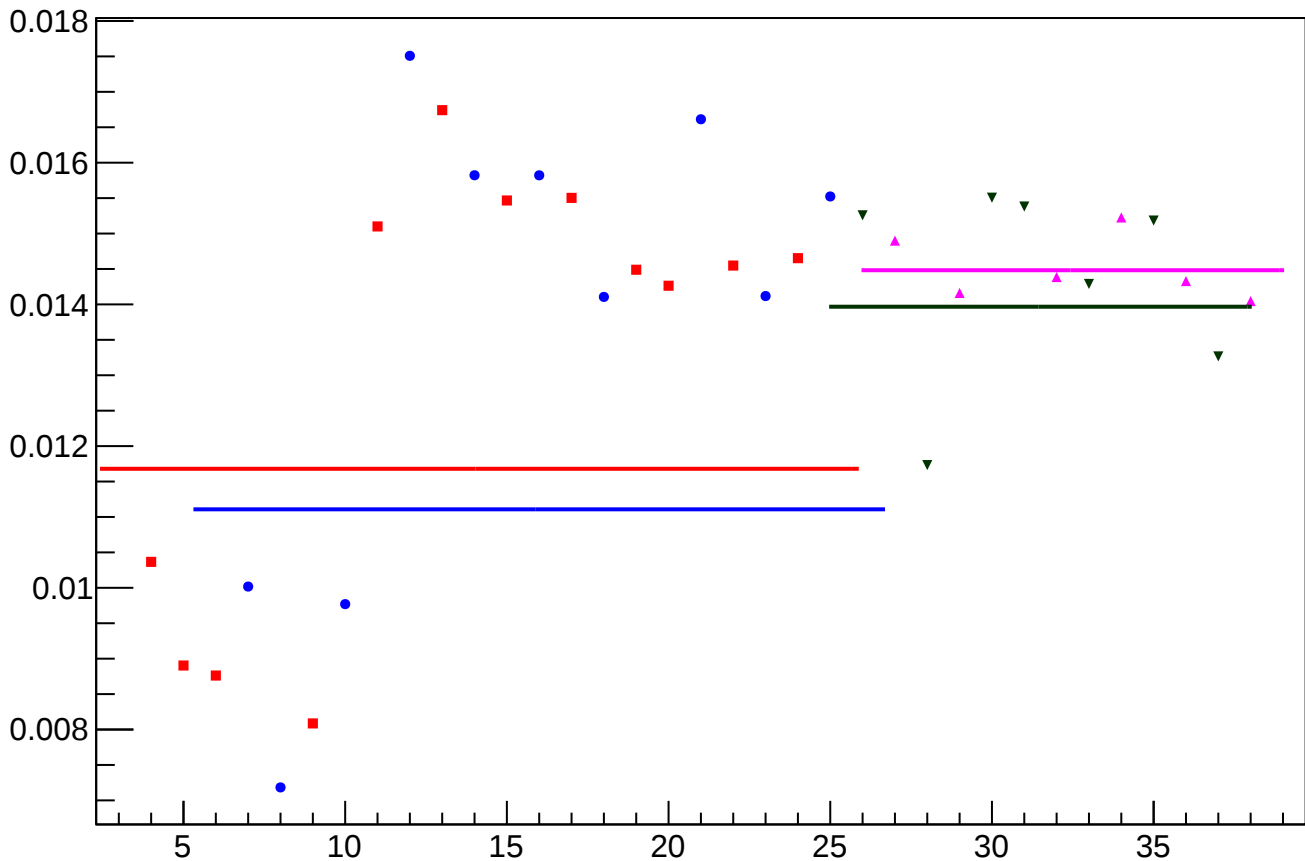
1.495+/-0.000 χ^2/NDF : 15410332237.3/16

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.469+/-0.000 χ^2/NDF : 14892107577.2/17

Left In: 1.847+/-0.000 χ^2/NDF :45143.6/5

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1302674.8/9

Left Out: 0.014+/-0.000 χ^2/NDF : 75192.8/6

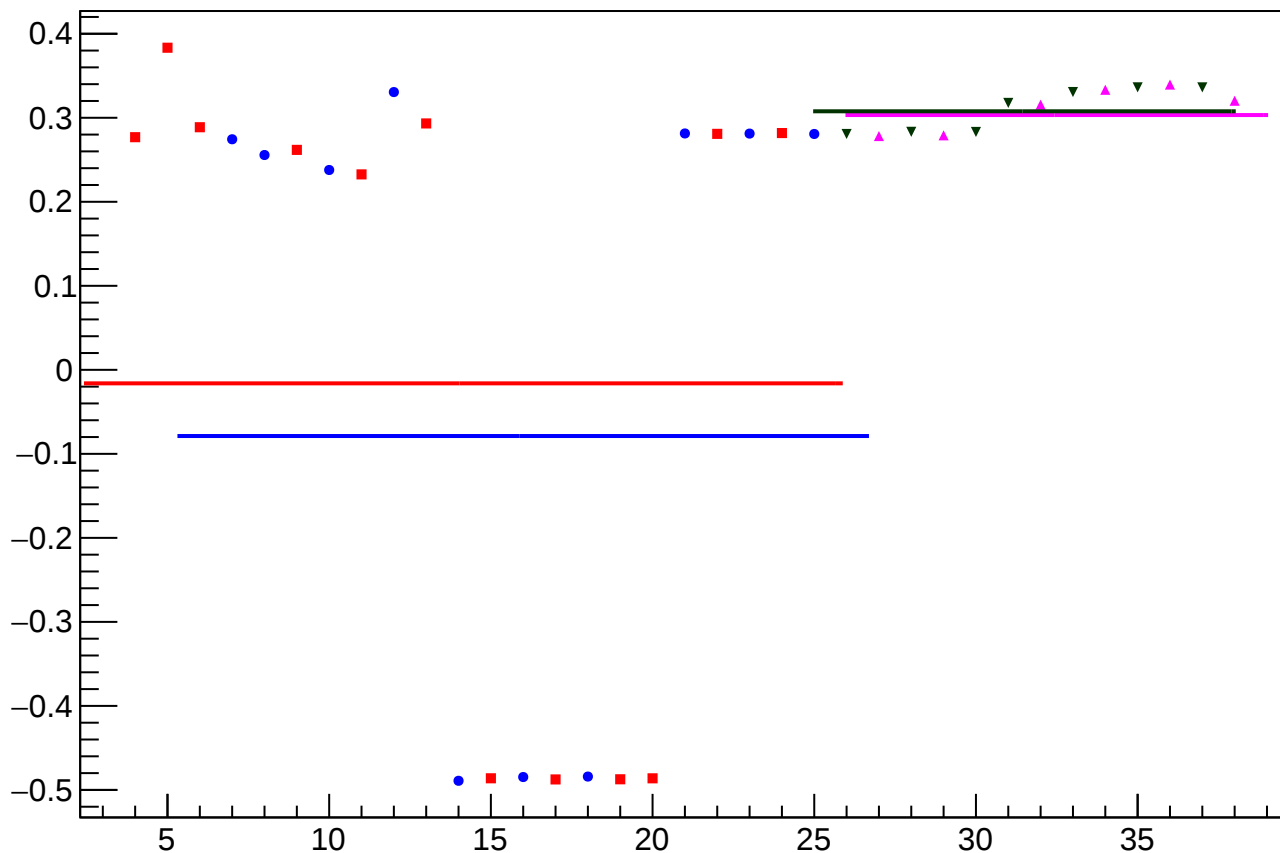
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.014+/-0.000 χ^2/NDF : 5646.6/5

0.012+/-0.000 χ^2/NDF : 1584006.4/16

0.013+/-0.000 χ^2/NDF : 1141261.9/17

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.308+/-0.000 χ^2/NDF : 4215200.4/6

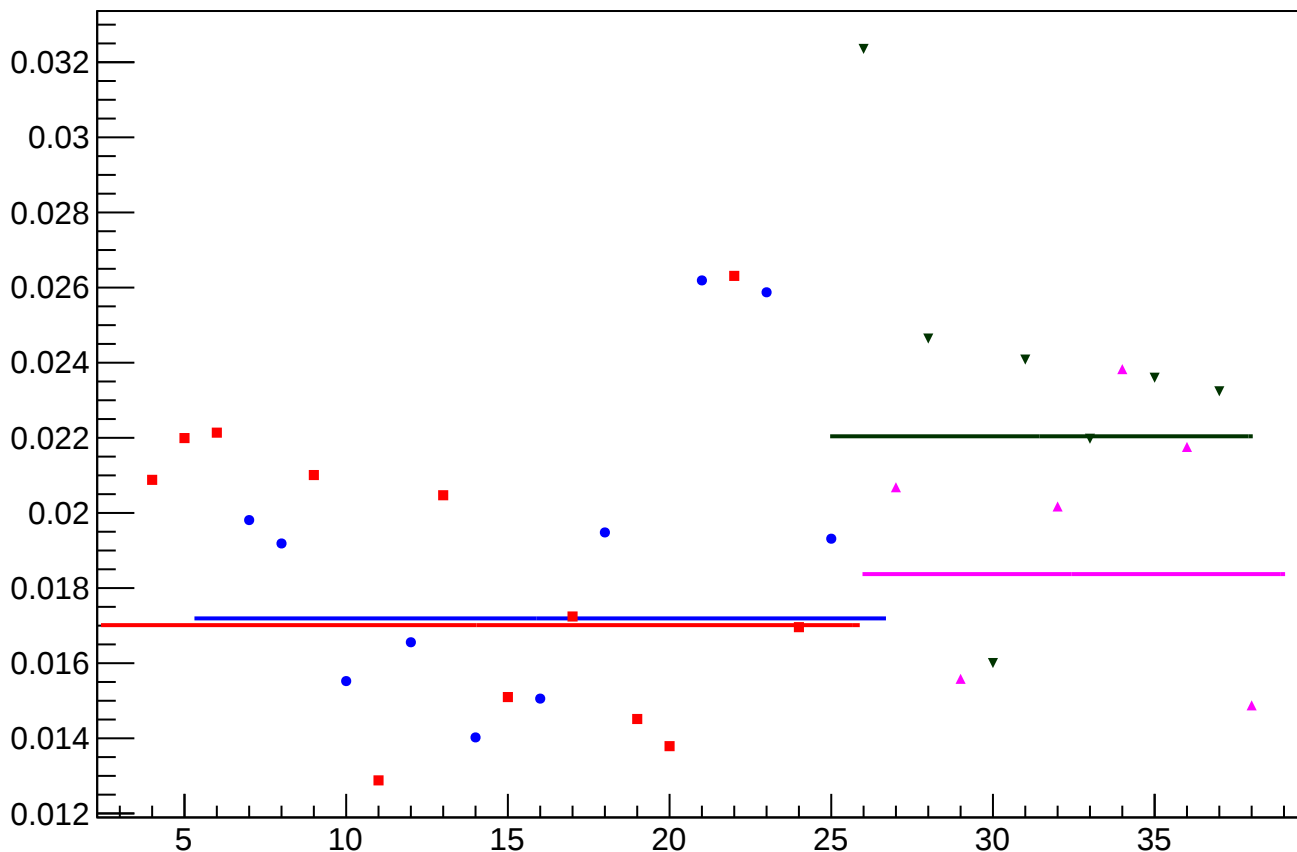
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.303+/-0.000 χ^2/NDF : 5957649.2/5

0.020+/-0.000 χ^2/NDF : 3663321718.0/16

0.095+/-0.000 χ^2/NDF : 3466990863.3/17

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.022+/-0.000 χ^2/NDF :258823.8/6

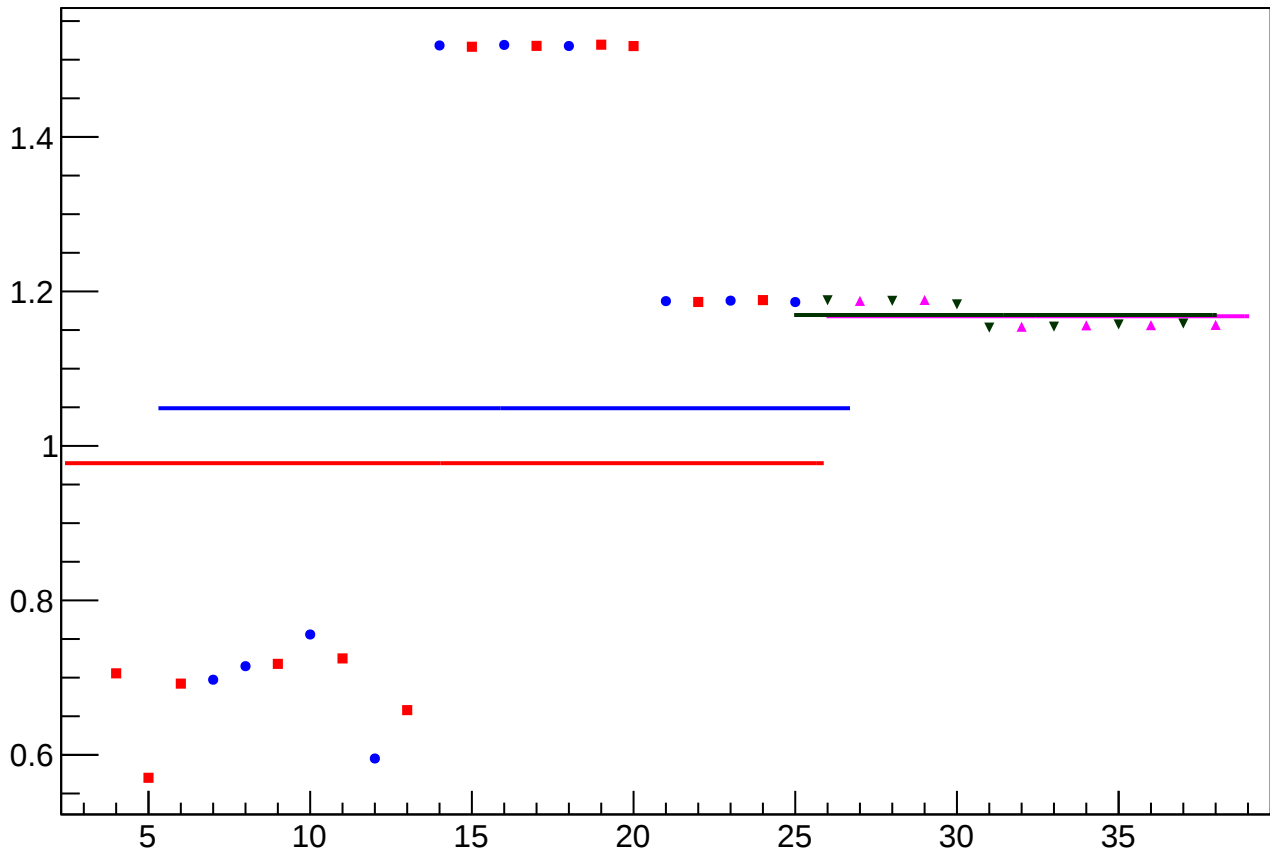
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.018+/-0.000 χ^2/NDF :205176.4/5

0.018+/-0.000 χ^2/NDF : 979454.2/16

0.017+/-0.000 χ^2/NDF : 773290.3/17

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.169+/-0.000 χ^2/NDF :10022047.2/6

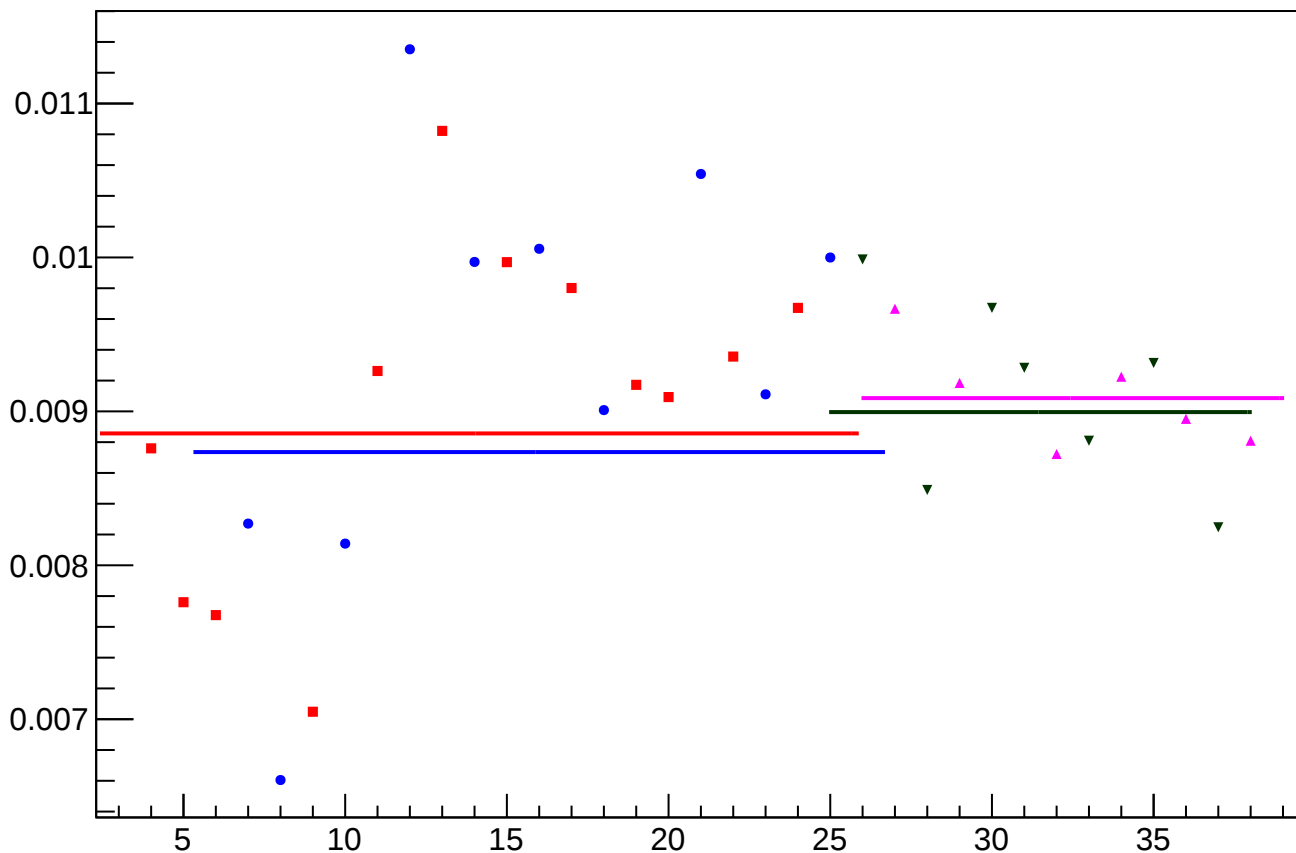
1.091+/-0.000 χ^2/NDF : 10682555423.9/16

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

1.050+/-0.000 χ^2/NDF : 10980021953.8/17

Left In: 1.168+/-0.000 χ^2/NDF :12118934.6/5

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 :29716.5/6

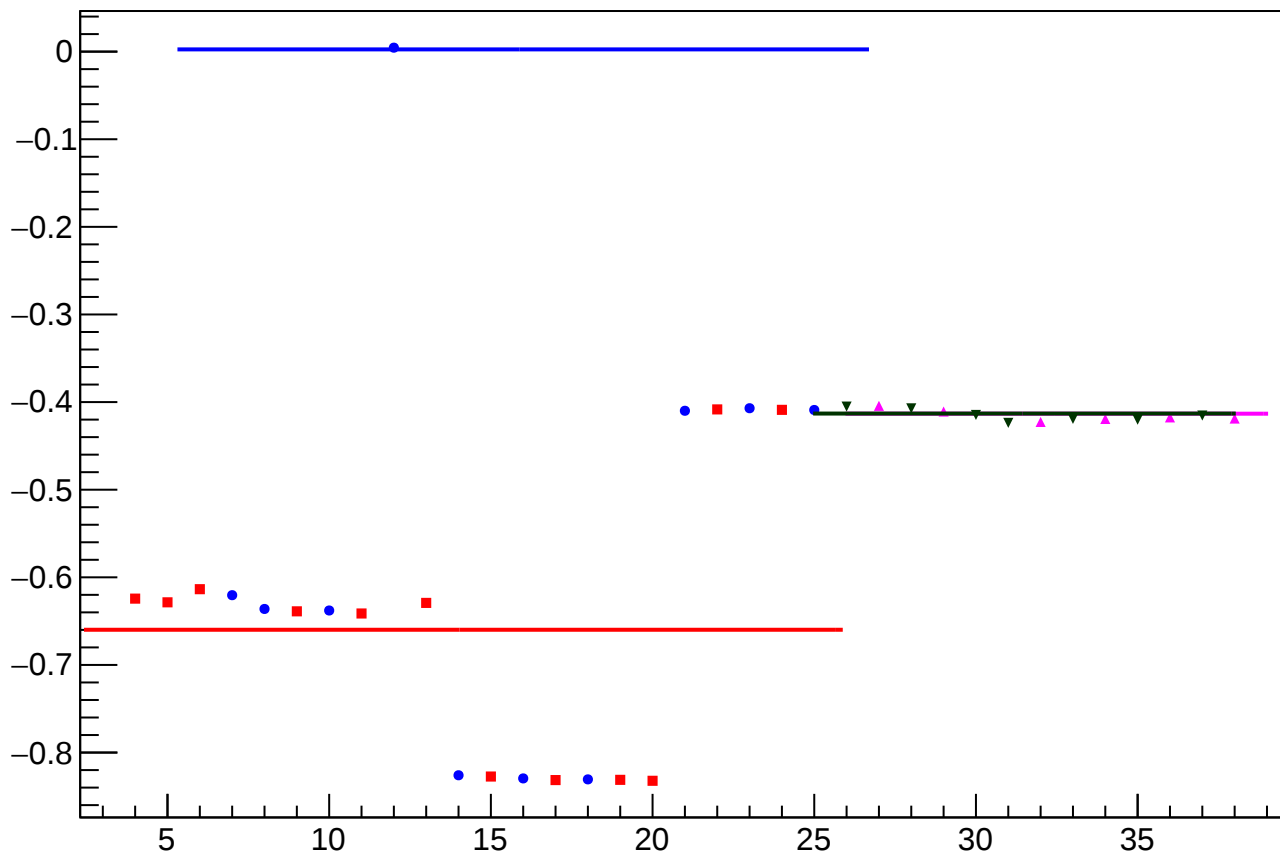
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF :10569.2/5

0.009+/-0.000 χ^2/NDF : 392973.8/16

0.009+/-0.000 χ^2/NDF : 237529.7/17

yield_bpm4acX_mean vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 51925247581.1/9

Left Out: -0.413+/-0.000 χ^2/NDF : 1888278.0/6

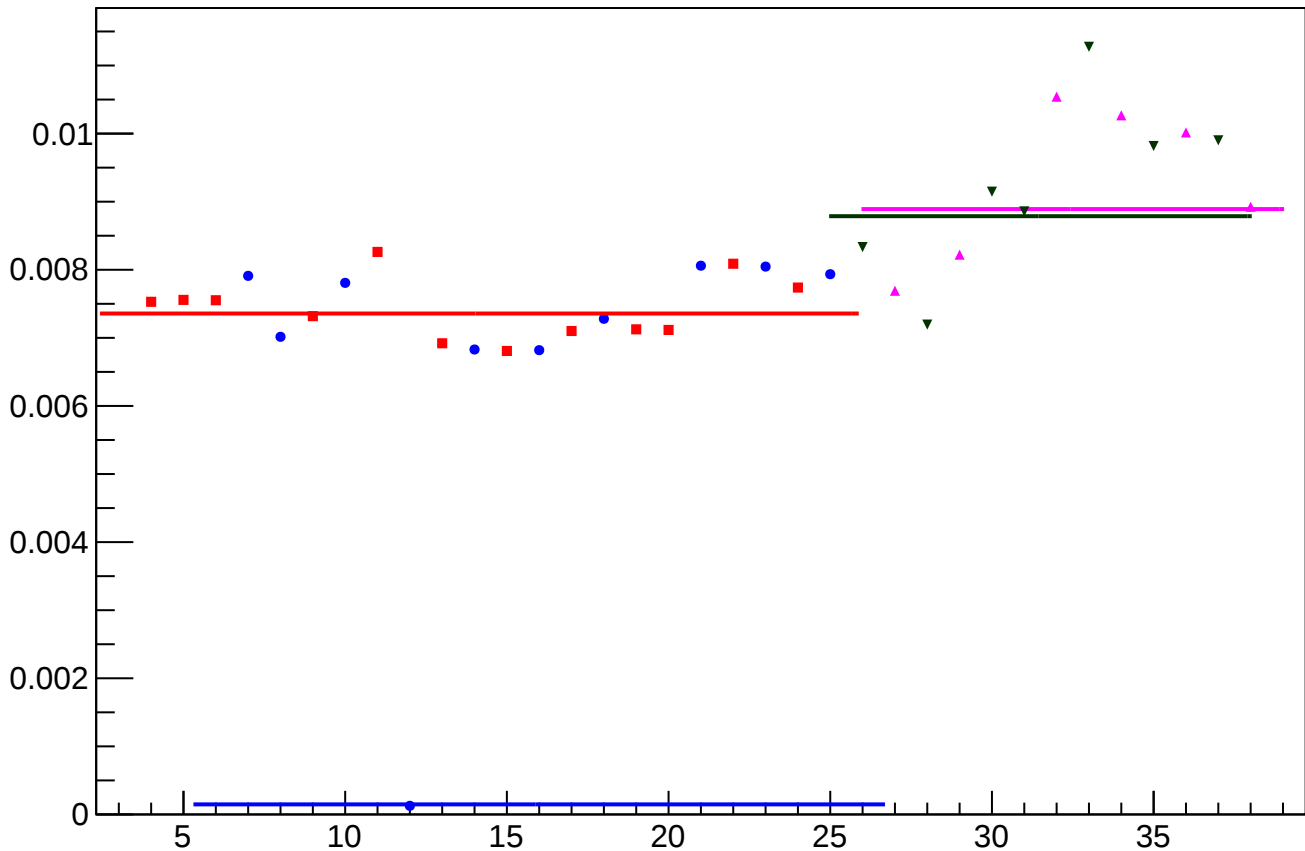
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.413+/-0.000 χ^2/NDF : 2371119.6/5

0.002+/-0.000 χ^2/NDF : 59830804065.1/16

-0.586+/-0.000 χ^2/NDF : 4390777181.5/17

yield_bpm4acX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11156093.4/9

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:144897.8/6

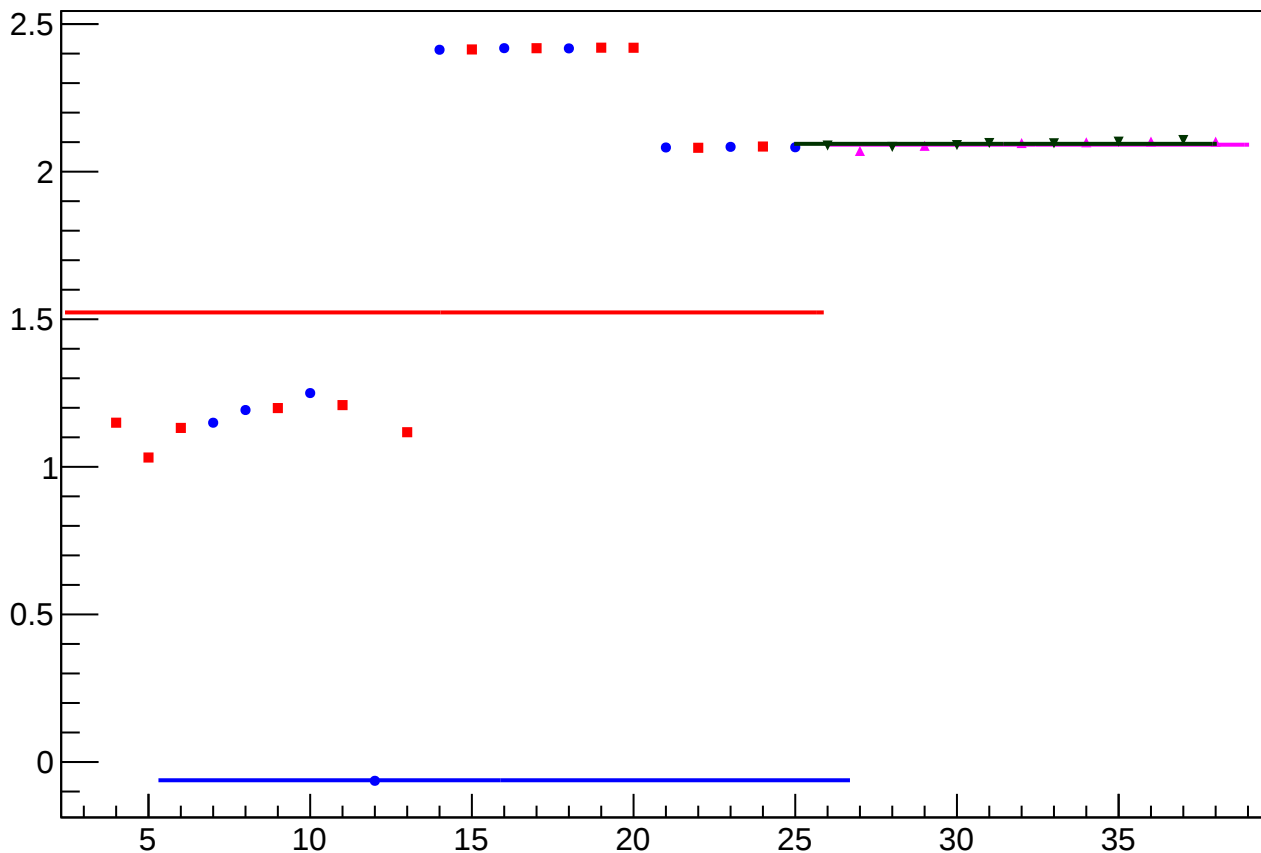
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 46926.6/11

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:125063.0/5

0.000 $\pm$ 0.000 χ^2 /NDF: 18129945.2/16

0.008 $\pm$ 0.000 χ^2 /NDF: 337135.3/17

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.094+/-0.000 χ^2/NDF : 1177043.8/6

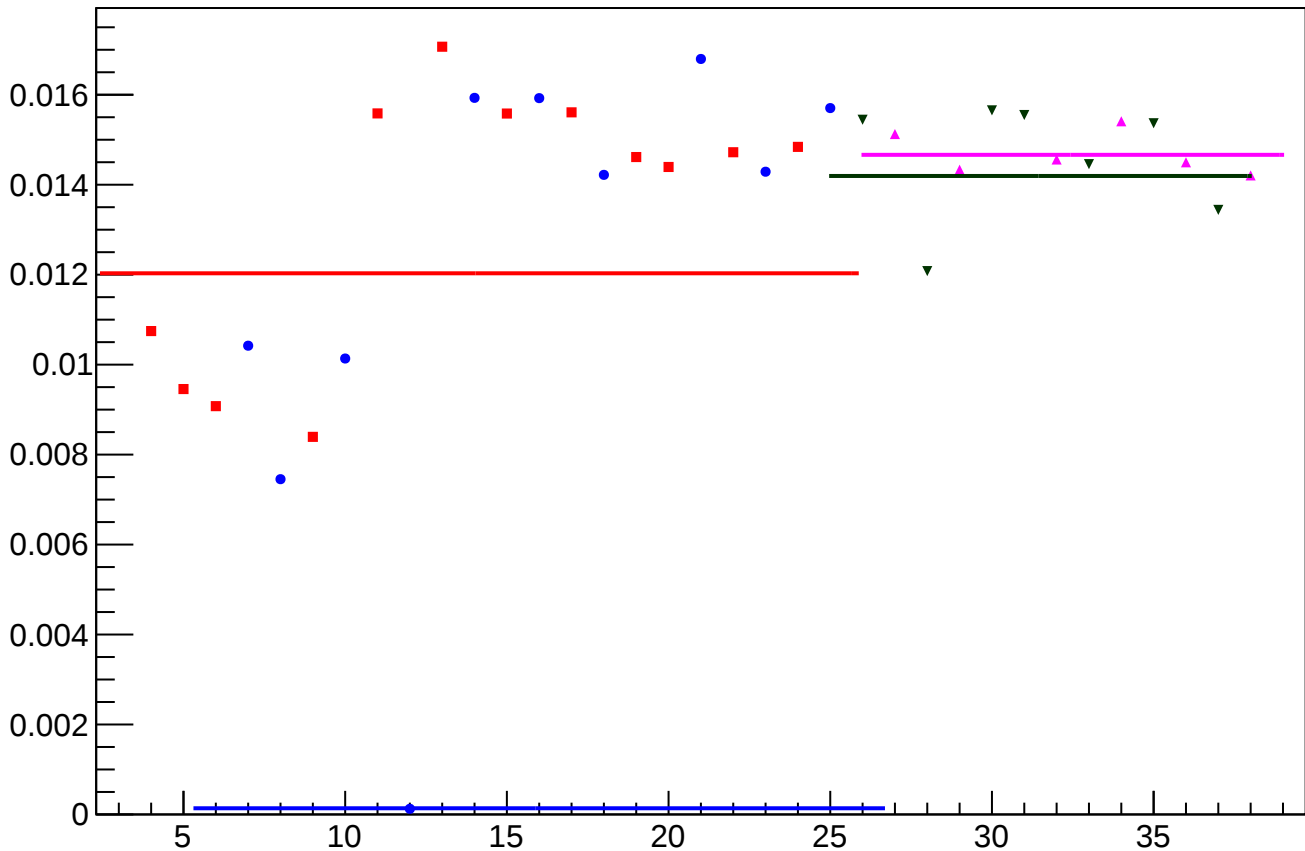
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.091+/-0.000 χ^2/NDF : 2482509.8/5

-0.061+/-0.000 χ^2/NDF : 206166308442.9/16

1.705+/-0.000 χ^2/NDF : 15435419343.7/17

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 66105.2/6

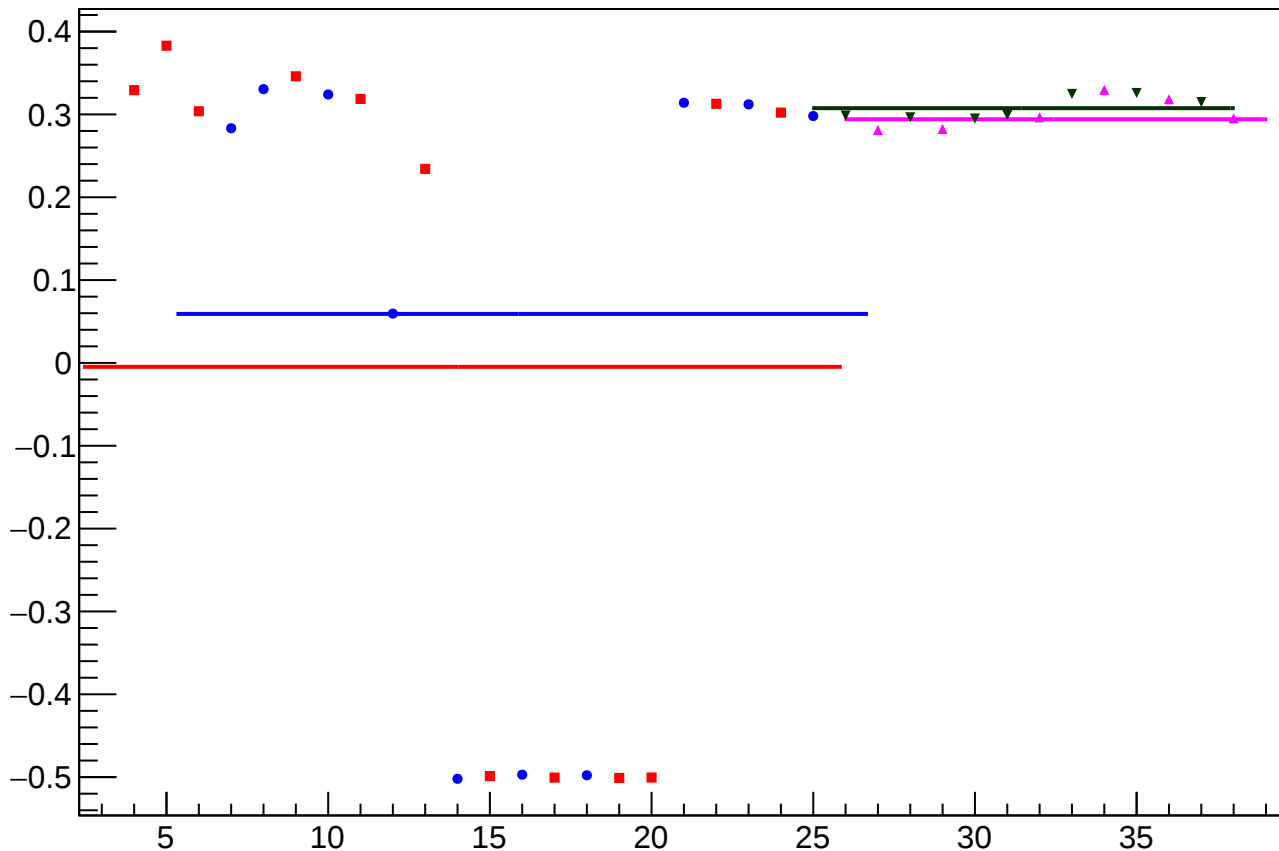
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 5974.4/5

0.000+/-0.000 χ^2/NDF : 17691014.3/16

0.013+/-0.000 χ^2/NDF : 1039557.2/17

yield_bpm4ecX_mean vs slug



Right In: 0.059 $\pm$ 0.000 χ^2 /NDF: 3541111693.7/9

Left Out: 0.308 $\pm$ 0.000 χ^2 /NDF:1126238.5/6

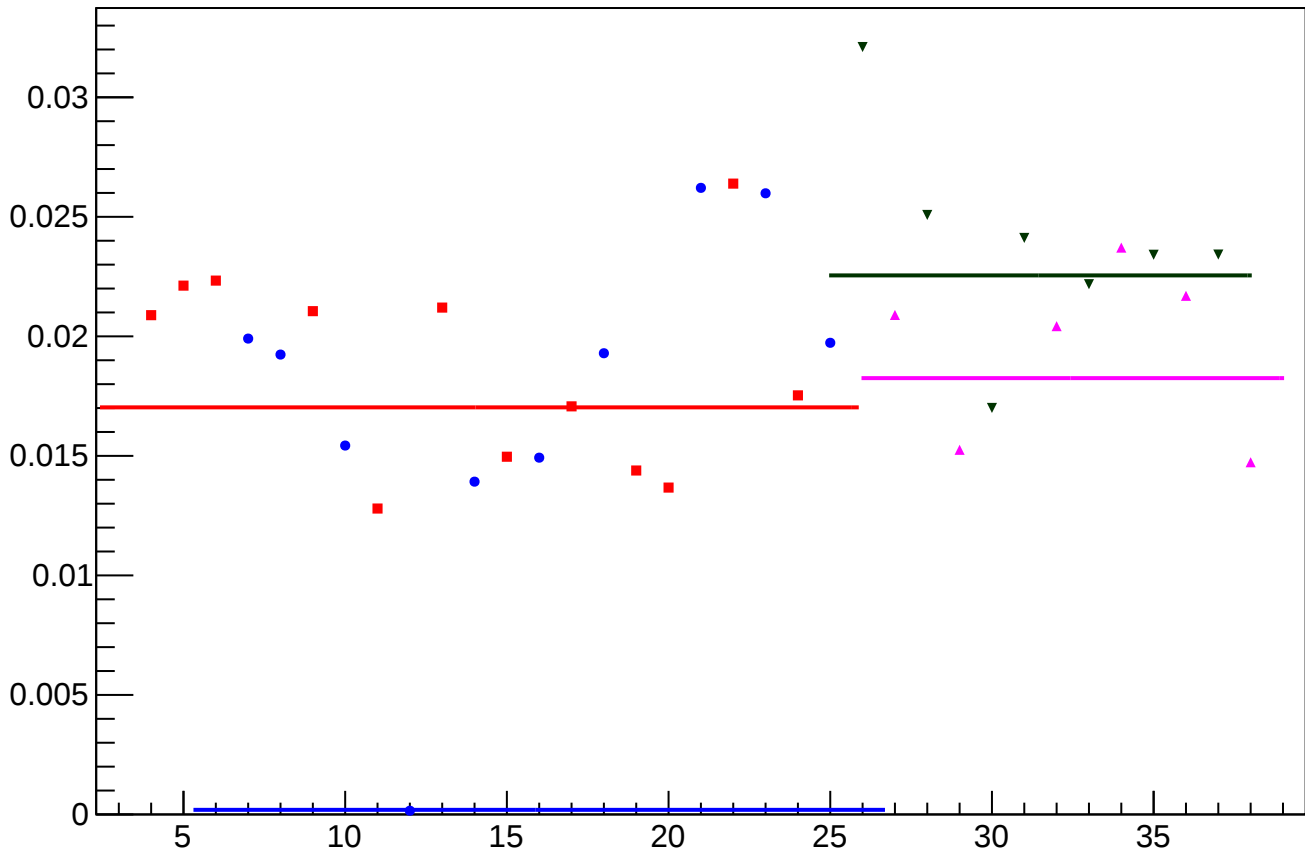
0.059 $\pm$ 0.000 χ^2 /NDF: 3952718410.3/16

Right Out: -0.005 $\pm$ 0.000 χ^2 /NDF: 3140963258.0/11

0.100 $\pm$ 0.000 χ^2 /NDF: 3780962361.4/17

Left In: 0.294 $\pm$ 0.000 χ^2 /NDF:2464425.4/5

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10989835.4/9

Left Out: 0.023+/-0.000 χ^2/NDF : 205013.1/6

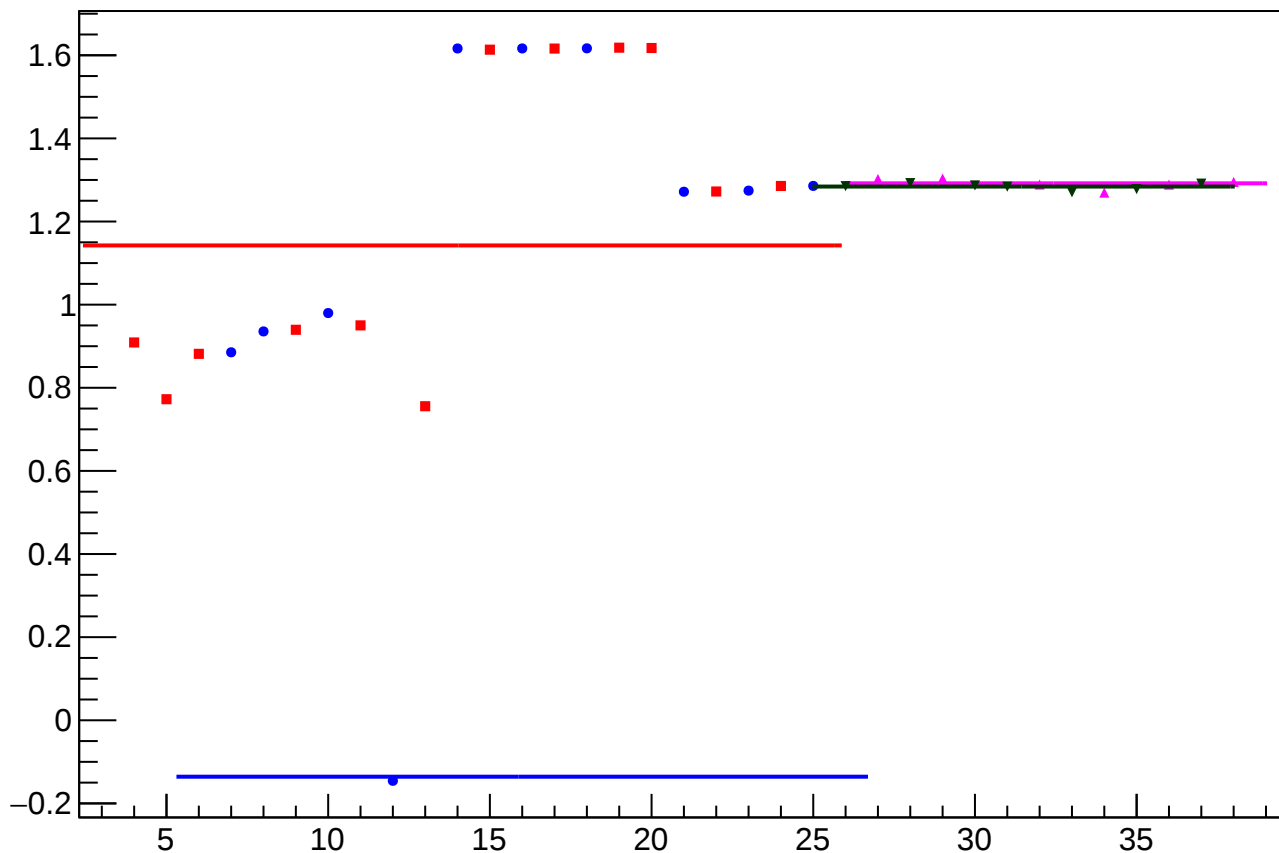
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.018+/-0.000 χ^2/NDF : 230417.0/5

0.000+/-0.000 χ^2/NDF : 17846911.4/16

0.017+/-0.000 χ^2/NDF : 836363.4/17

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.284+/-0.000 χ^2/NDF :1869118.0/6

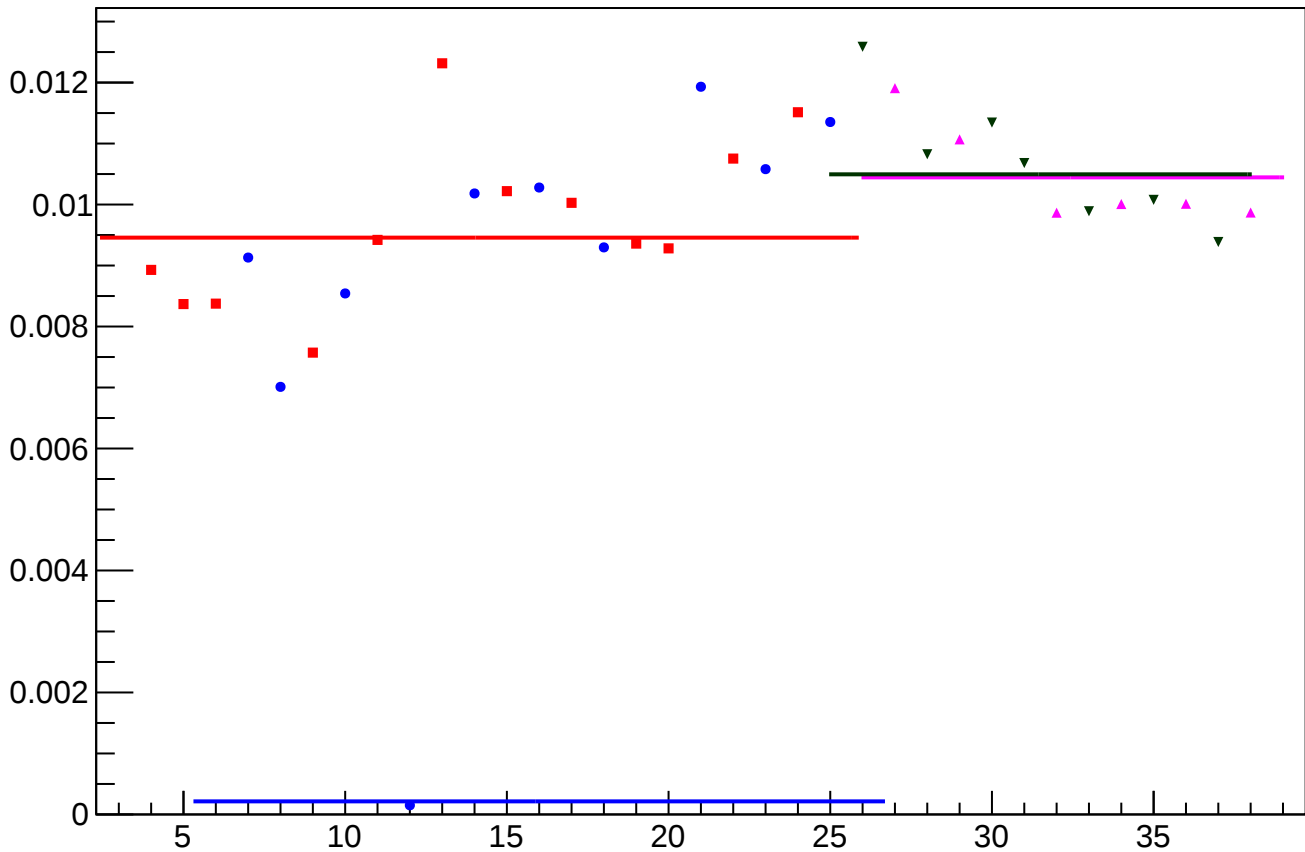
Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

Left In: 1.292+/-0.000 χ^2/NDF :4088656.3/5

-0.131+/-0.000 χ^2/NDF : 194825491558.1/16

1.195+/-0.000 χ^2/NDF : 7544325565.1/17

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: 53092.0/6

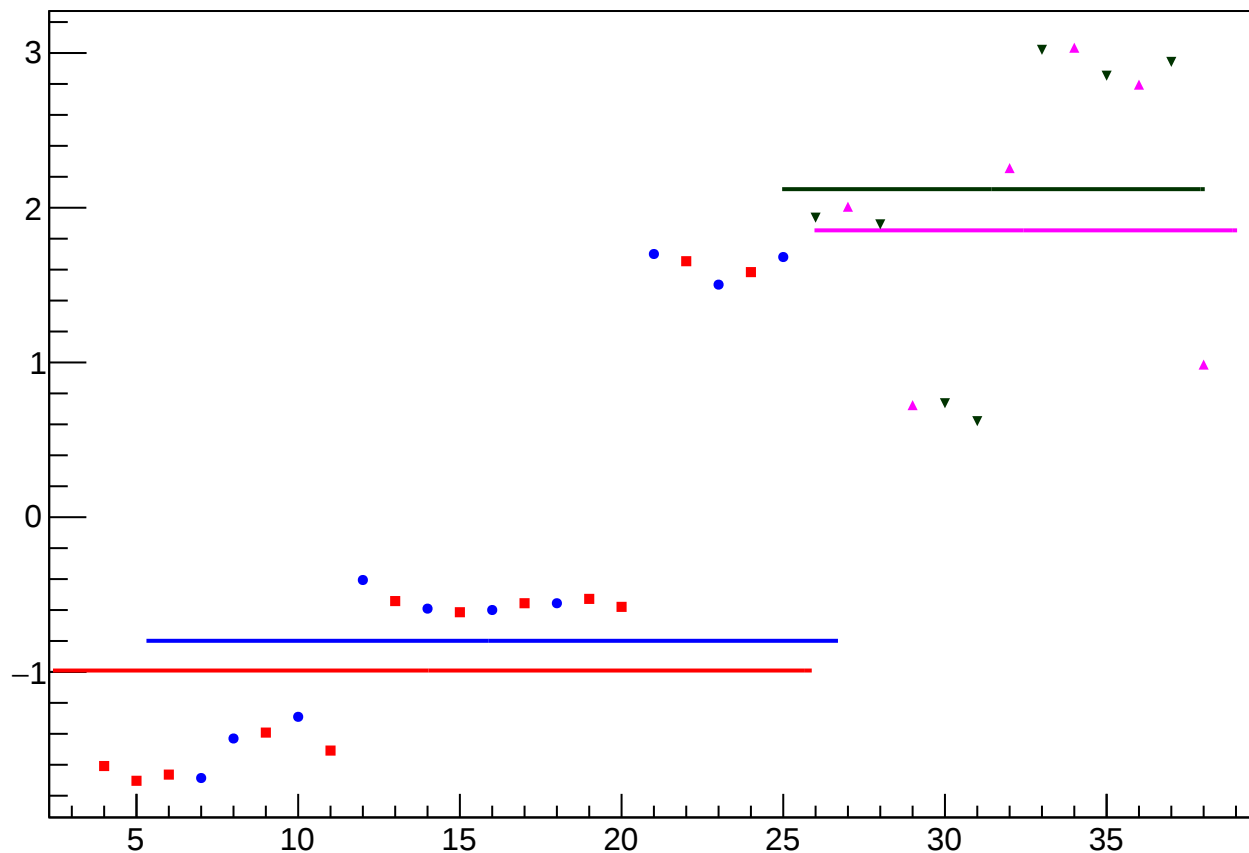
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 269492.1/11

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 43004.8/5

0.000 $\pm$ 0.000 χ^2 /NDF: 17541337.5/16

0.010 $\pm$ 0.000 χ^2 /NDF: 358439.9/17

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 2.120+/-0.000 χ^2/NDF :101032007.4/6

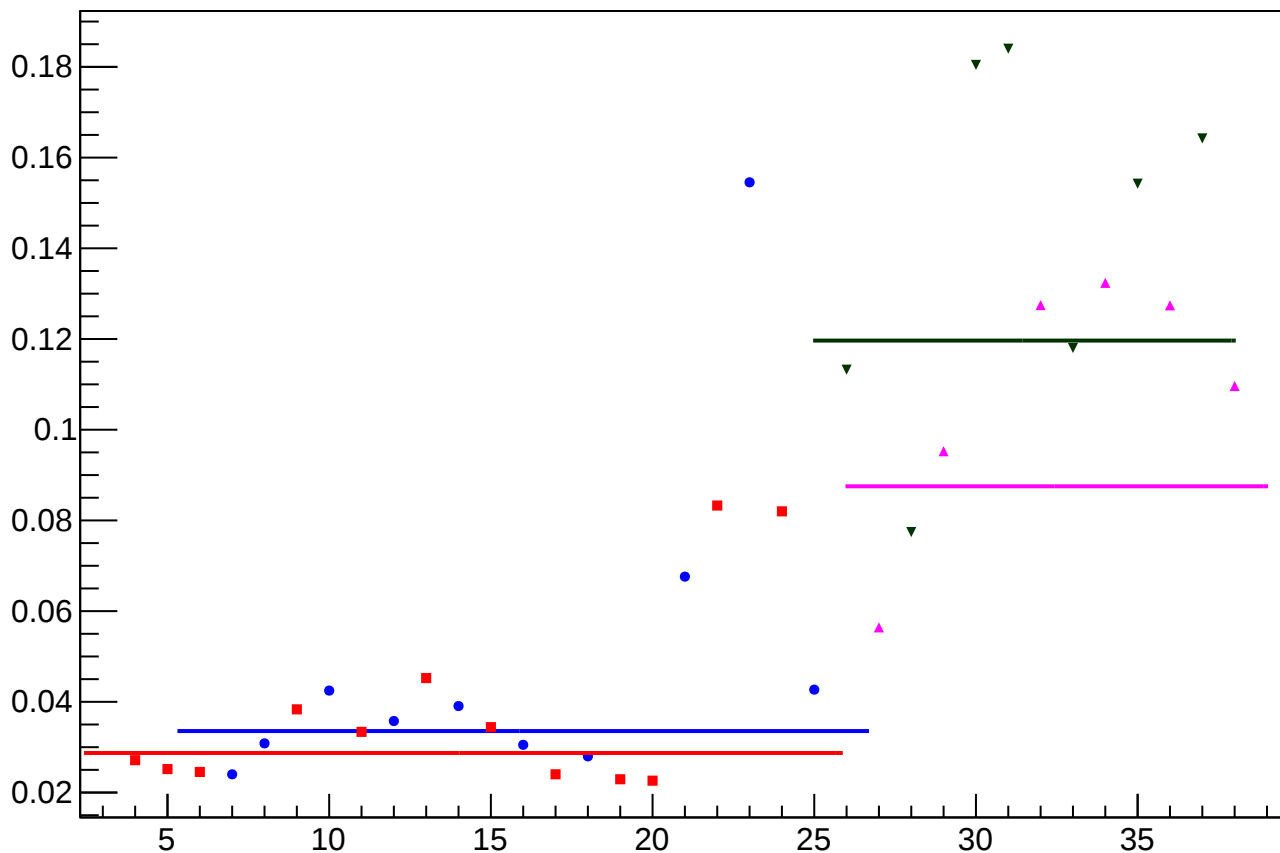
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 1.854+/-0.000 χ^2/NDF :169165137.0/5

-0.664+/-0.000 χ^2/NDF : 3730046170.6/16

-0.817+/-0.000 χ^2/NDF : 4856162581.4/17

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.120+/-0.000 χ^2/NDF : 549734.8/6

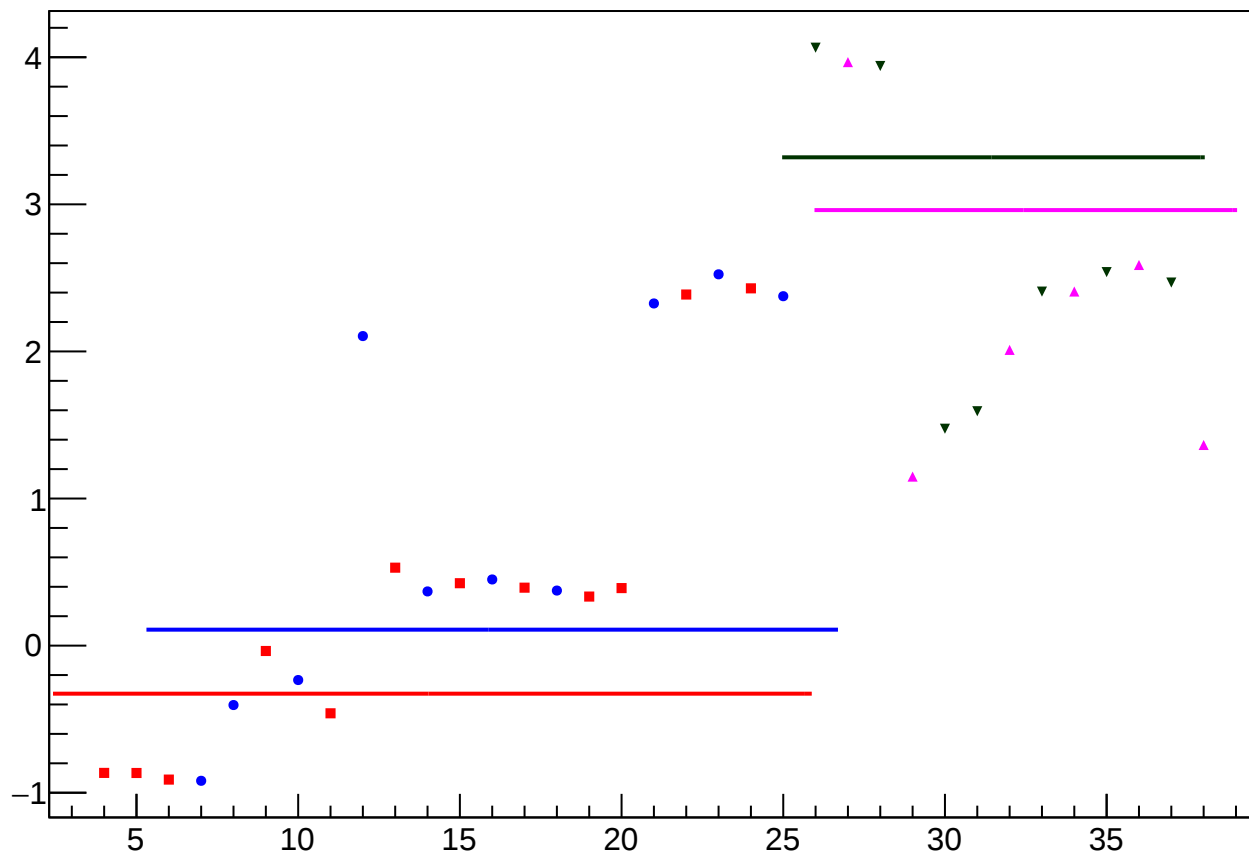
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.088+/-0.000 χ^2/NDF : 680870.6/5

0.038+/-0.000 χ^2/NDF : 4229625.2/16

0.032+/-0.000 χ^2/NDF : 3927997.8/17

yield_bpm1Y_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 8111501728.9/9

Left Out: 3.320+/-0.000 χ^2/NDF :316751515.7/6

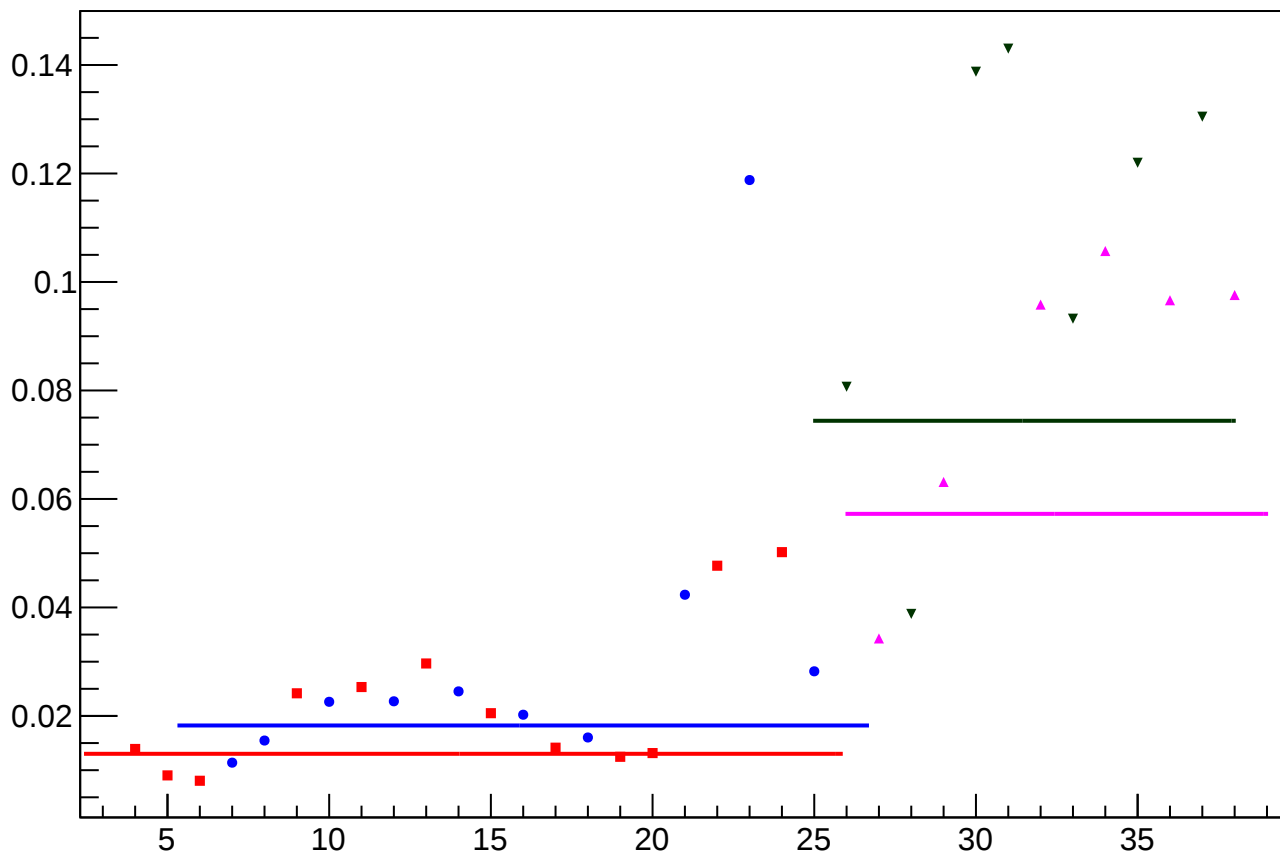
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 2.961+/-0.000 χ^2/NDF :995392534.6/5

0.221+/-0.000 χ^2/NDF : 12404083981.4/16

-0.217+/-0.000 χ^2/NDF : 17791640434.7/17

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.074+/-0.000 χ^2/NDF : 1218043.1/6

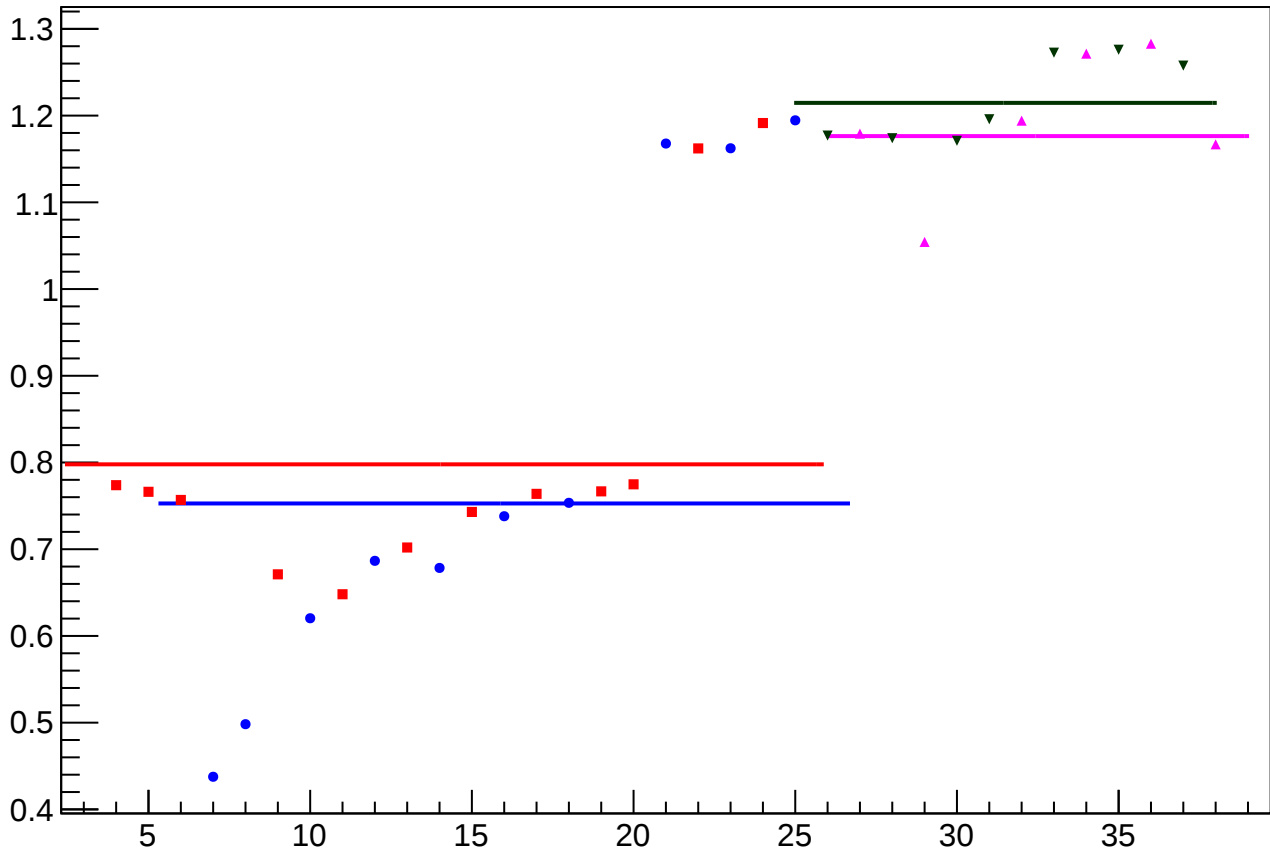
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.057+/-0.000 χ^2/NDF : 1123491.5/5

0.020+/-0.000 χ^2/NDF : 4971707.4/16

0.014+/-0.000 χ^2/NDF : 5699900.5/17

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.215+/-0.000 χ^2/NDF :13886451.1/6

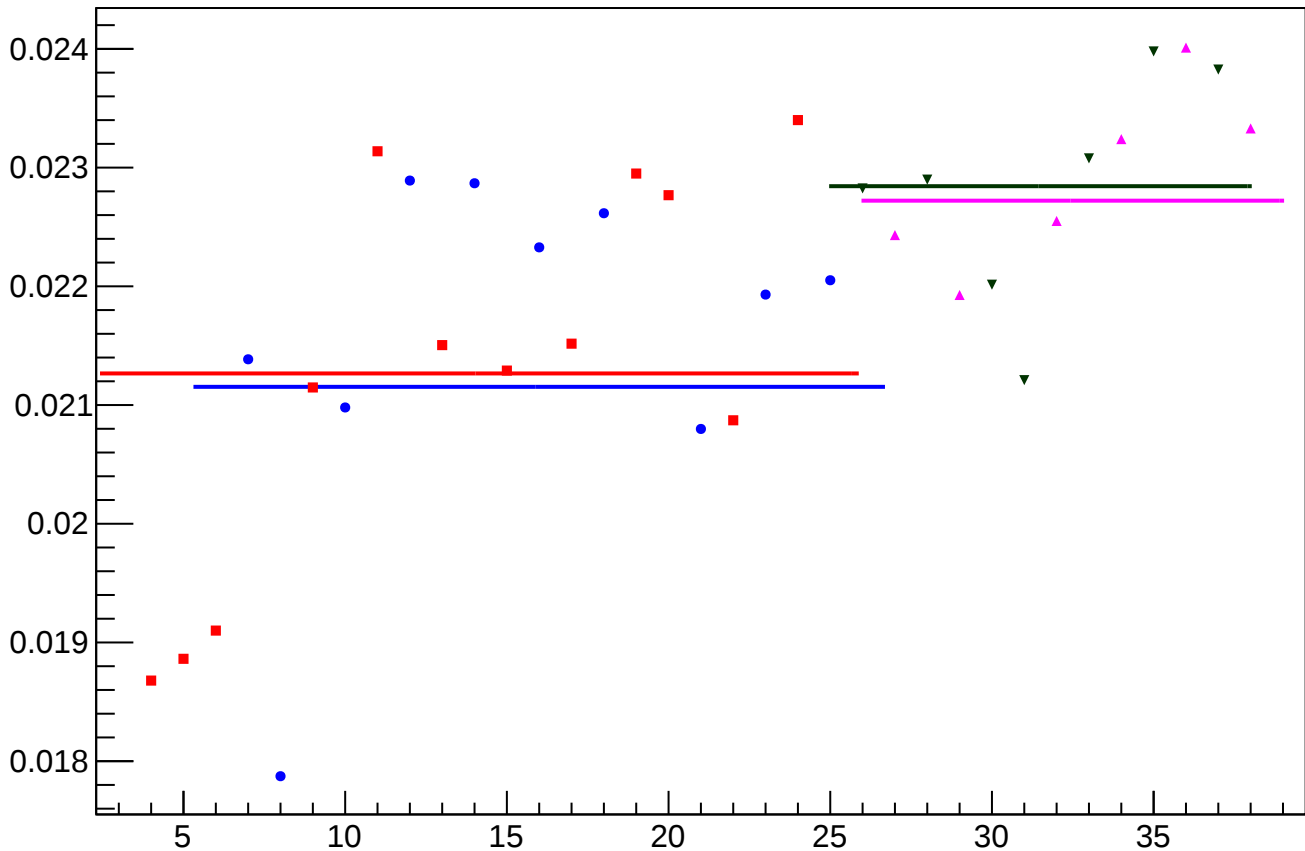
0.905+/-0.000 χ^2/NDF : 1833092971.9/16

Right Out: 0.798+/-0.000 χ^2/NDF : 394047843.5/11

0.934+/-0.000 χ^2/NDF : 1141647861.2/17

Left In: 1.176+/-0.000 χ^2/NDF :42862356.2/5

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 :9932.3/6

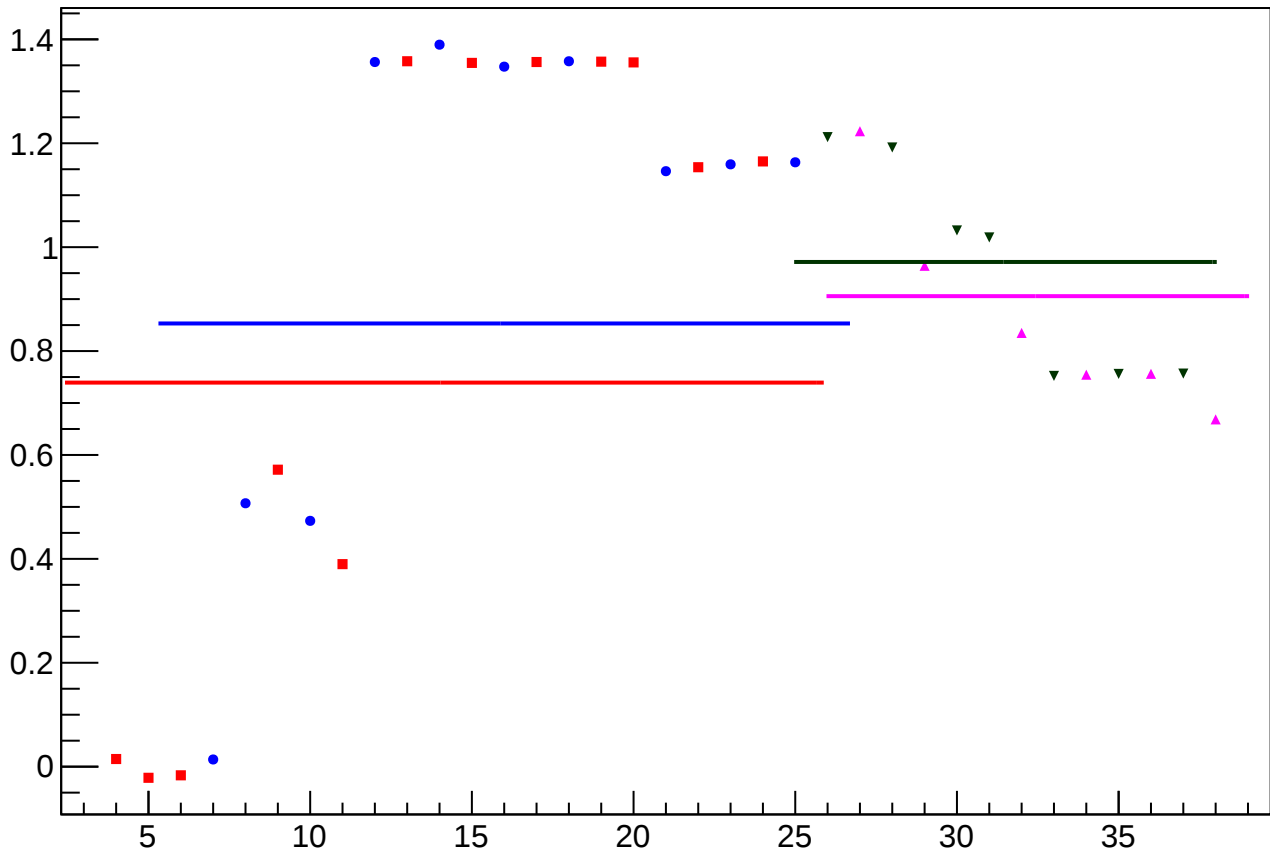
0.022+/-0.000 χ^2/NDF : 125384.1/16

Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

0.022+/-0.000 χ^2/NDF : 85817.7/17

Left In: 0.023+/-0.000 χ^2/NDF :6372.5/5

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 0.972+/-0.000 χ^2/NDF : 9061701116.8/6

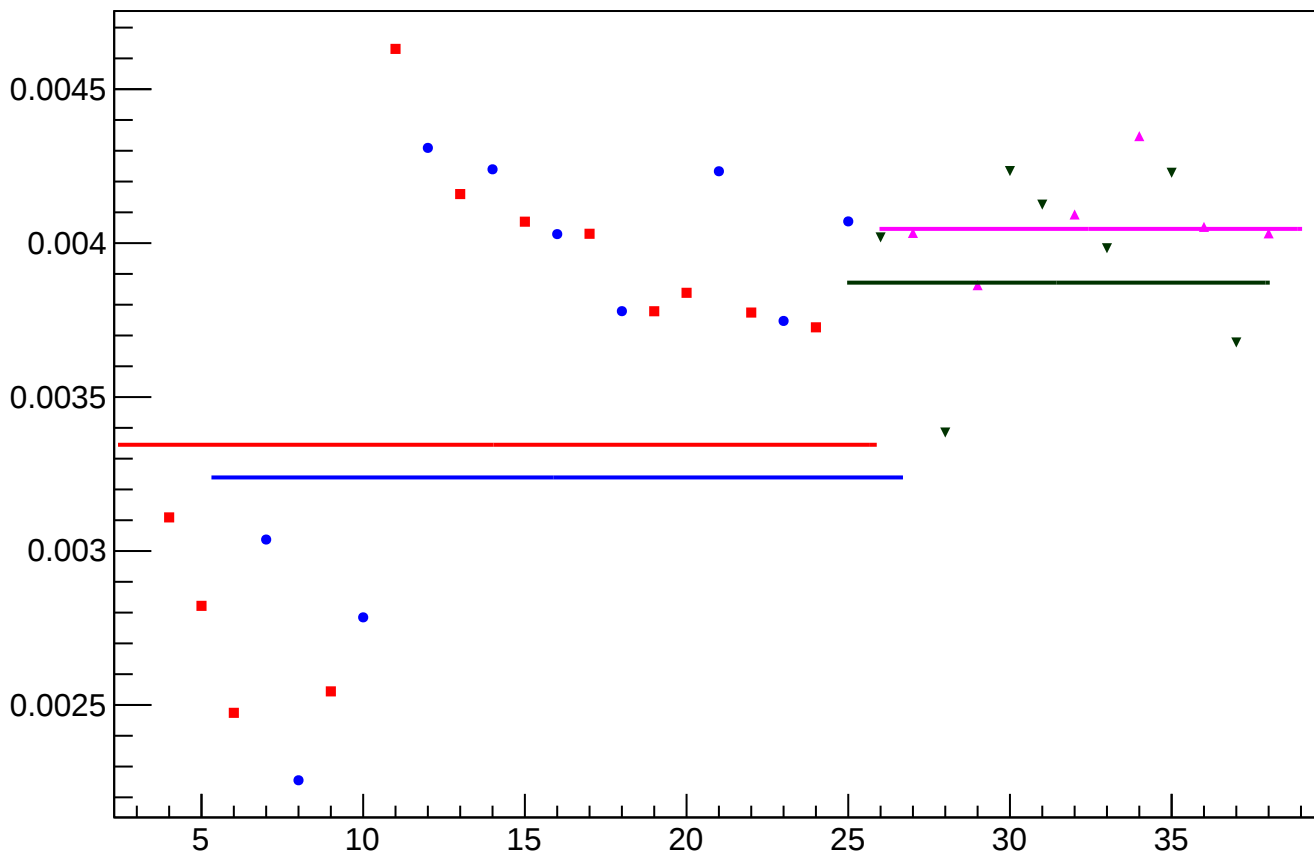
0.888+/-0.000 χ^2/NDF : 116101696425.4/16

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.792+/-0.000 χ^2/NDF : 176363469253.0/17

Left In: 0.906+/-0.000 χ^2/NDF : 8624886043.5/5

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 :47464.7/6

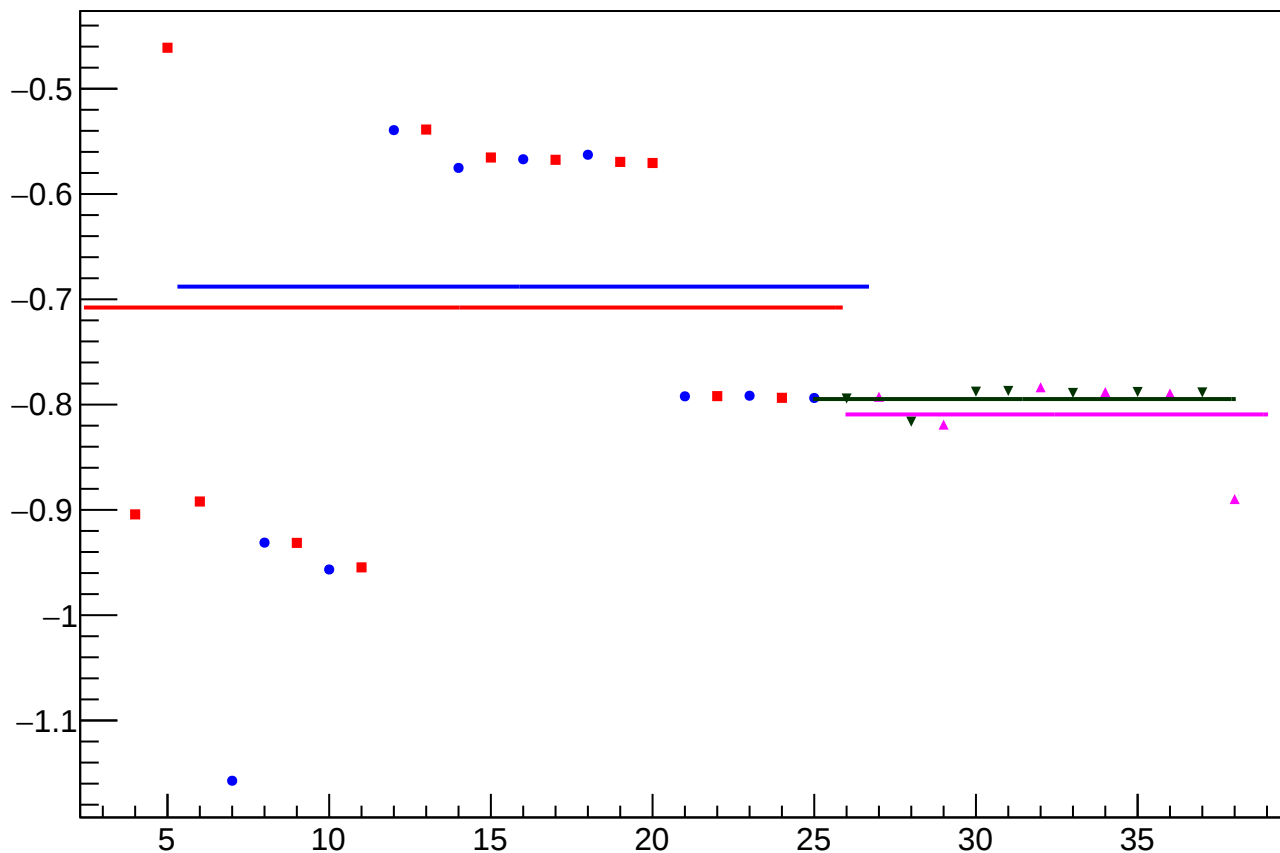
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF :8506.1/5

0.003+/-0.000 χ^2/NDF : 923146.2/16

0.004+/-0.000 χ^2/NDF : 746028.8/17

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.795+/-0.000 χ^2/NDF : 6363951.2/6

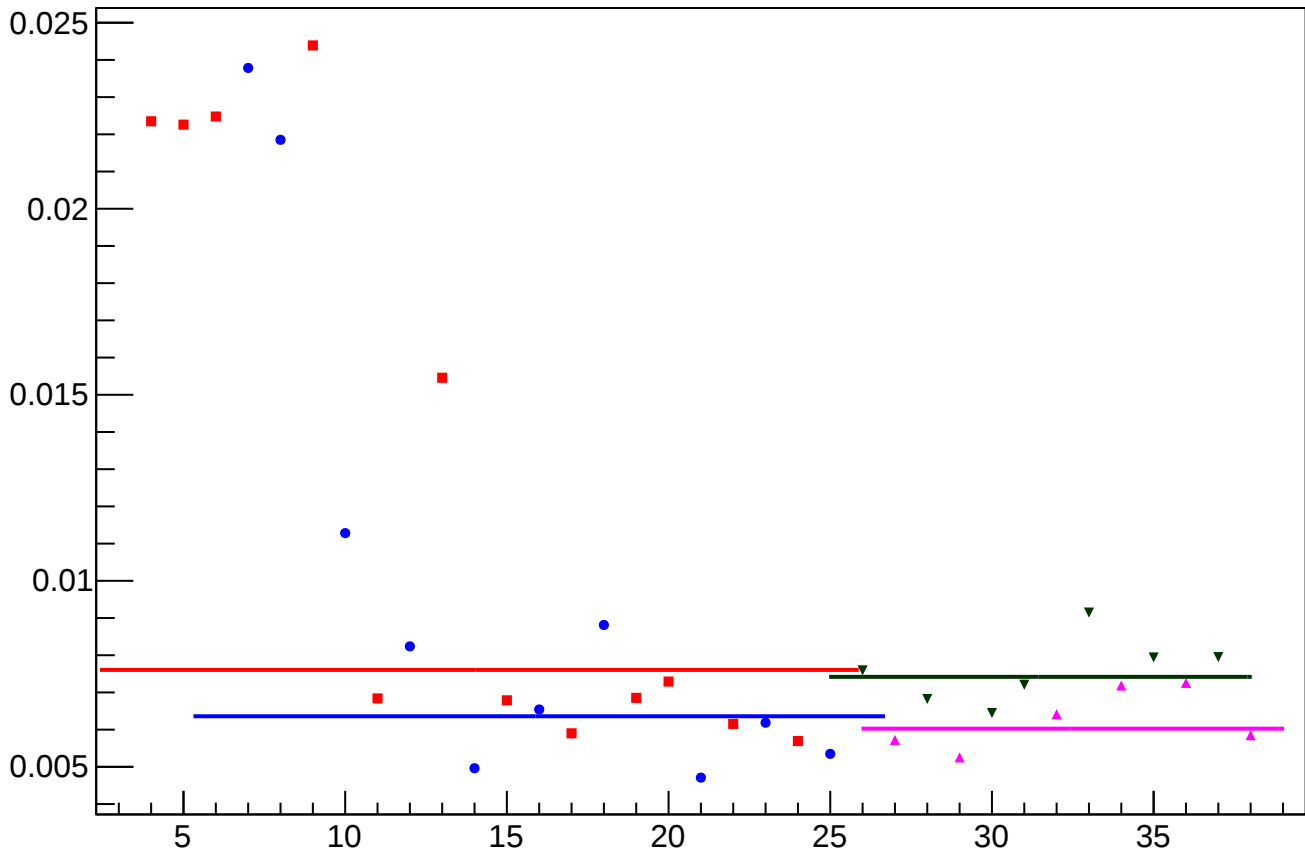
Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

Left In: -0.809+/-0.000 χ^2/NDF : 91450598.8/5

-0.723+/-0.000 χ^2/NDF : 2229758362.1/16

-0.761+/-0.000 χ^2/NDF : 2206487267.0/17

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 : 63680.7/6

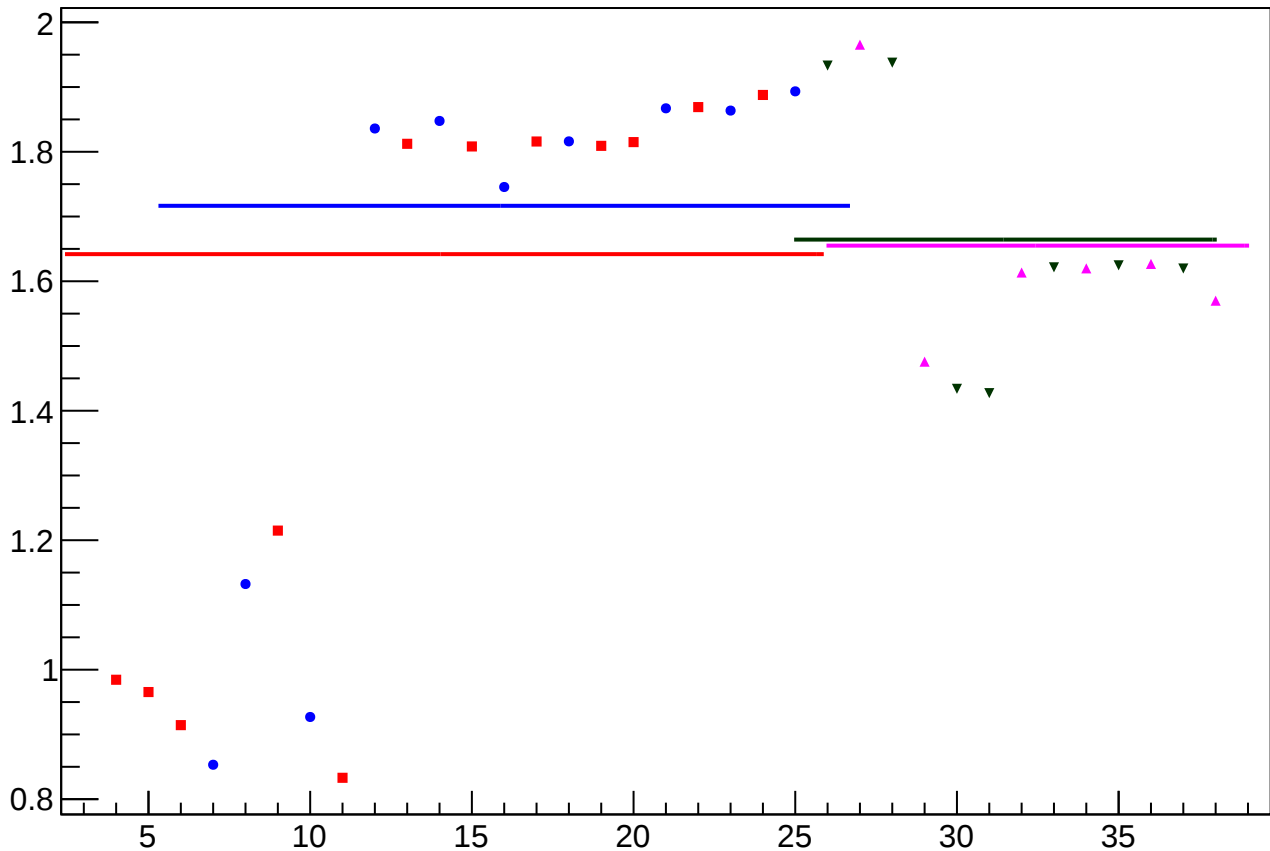
0.007+/-0.000 χ^2/NDF : 1973243.8/16

Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

0.007+/-0.000 χ^2/NDF : 2559215.3/17

Left In: 0.006+/-0.000 χ^2/NDF : 73924.1/5

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2/NDF : 10938016030.0/9

Left Out: 1.664 $\pm$ 0.000 χ^2/NDF : 2838433040.0/6

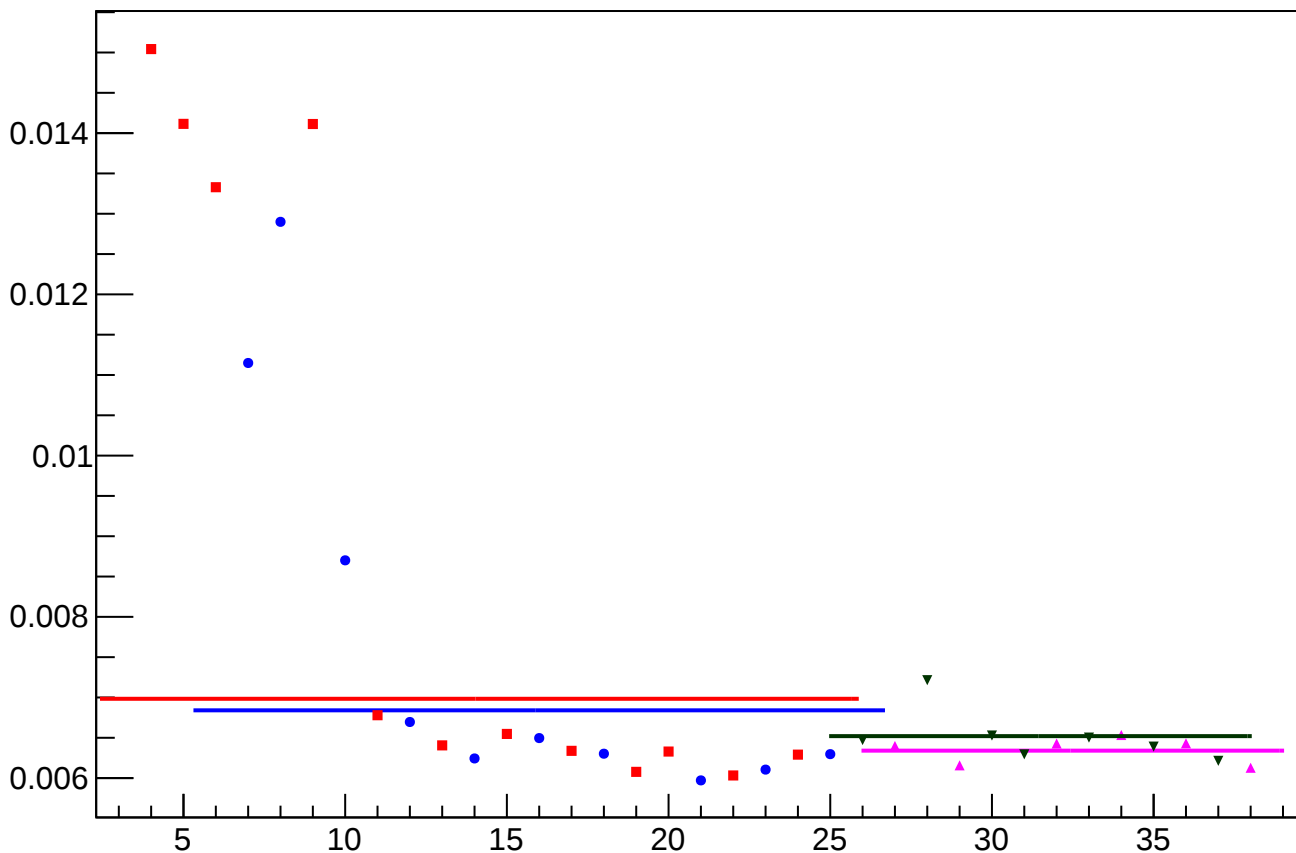
1.696 $\pm$ 0.000 χ^2/NDF : 13906441281.3/16

Right Out: 1.642 $\pm$ 0.000 χ^2/NDF : 15751478429.4/11

1.648 $\pm$ 0.000 χ^2/NDF : 18384648941.8/17

Left In: 1.655 $\pm$ 0.000 χ^2/NDF : 2624410144.2/5

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 600956.3/9

Left Out: 0.007+/-0.000 χ^2/NDF :15226.6/6

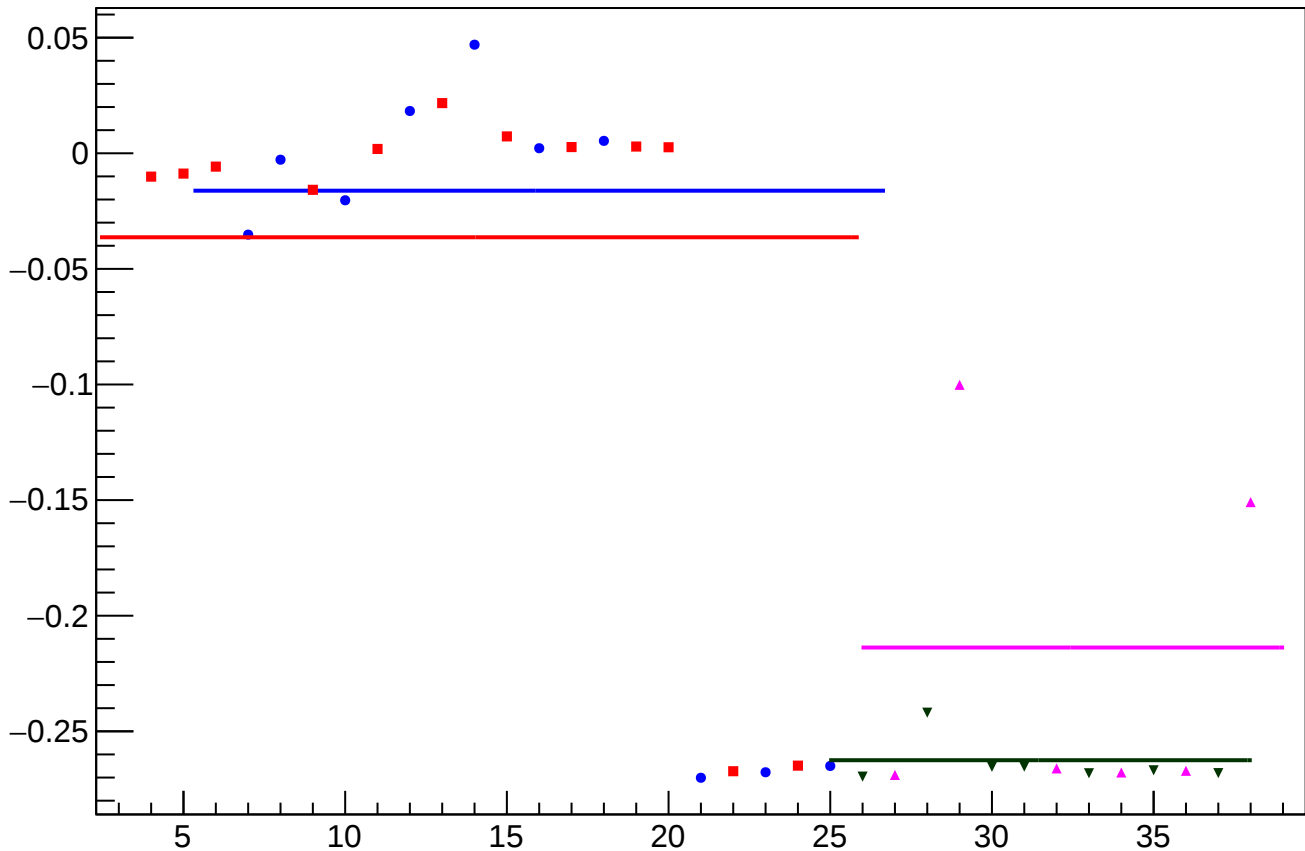
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF :3844.0/5

0.007+/-0.000 χ^2/NDF : 625959.3/16

0.007+/-0.000 χ^2/NDF : 1019322.2/17

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.263+/-0.000 χ^2/NDF : 7340178.9/6

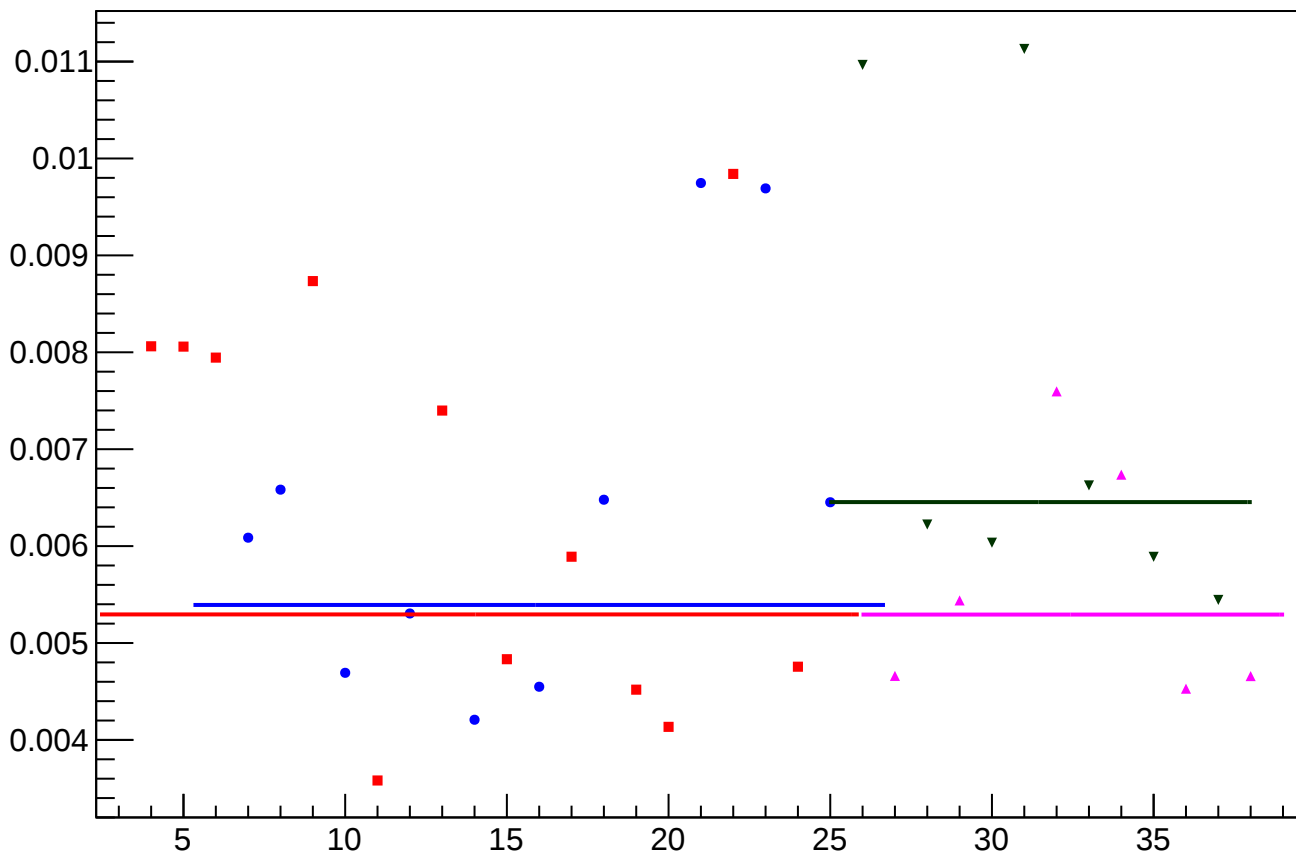
-0.086+/-0.000 χ^2/NDF : 4704975872.4/16

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.106+/-0.000 χ^2/NDF : 4751464493.3/17

Left In: -0.214+/-0.000 χ^2/NDF : 634111708.0/5

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 :337249.1/6

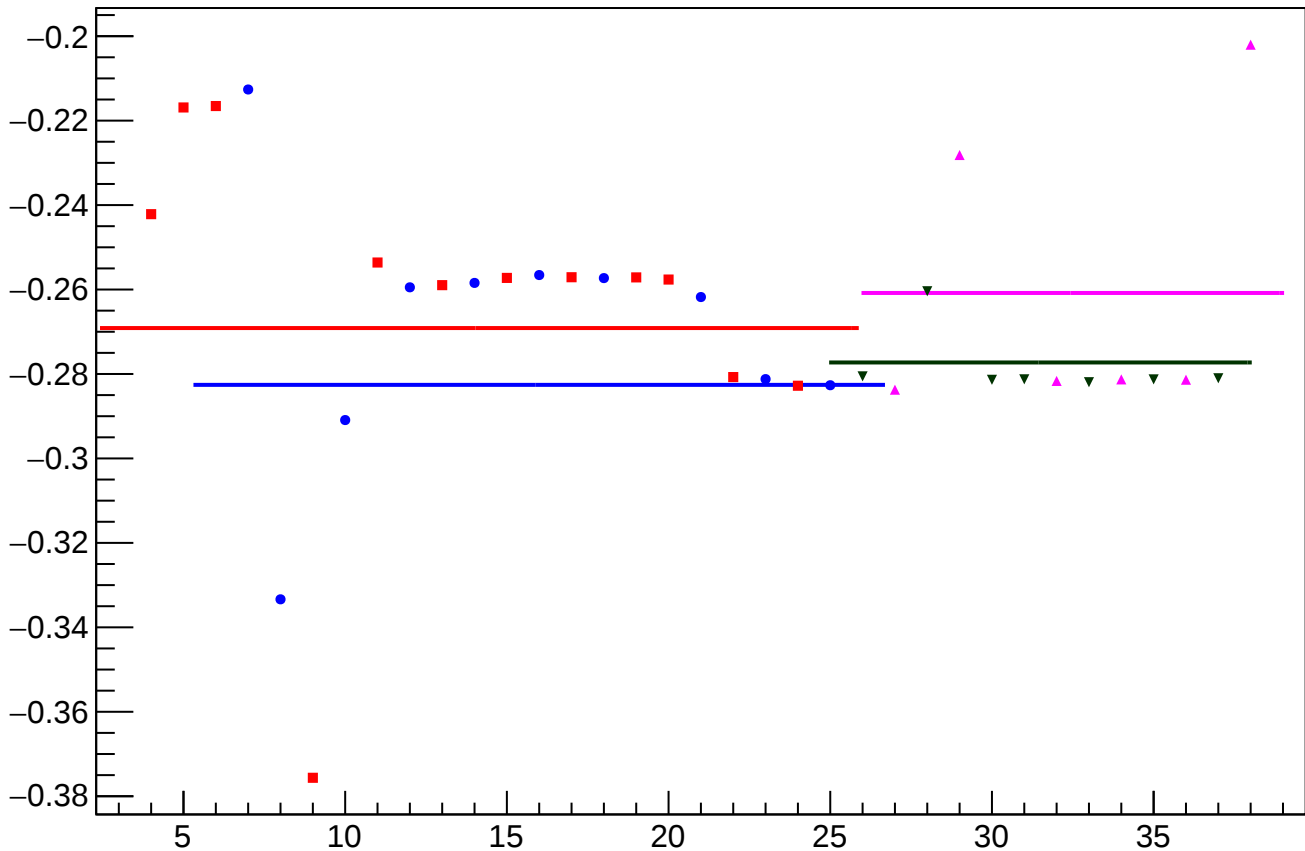
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :256883.5/5

0.006+/-0.000 χ^2/NDF : 1266955.7/16

0.005+/-0.000 χ^2/NDF : 1463672.3/17

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.277+/-0.000 χ^2/NDF : 29787693.2/6

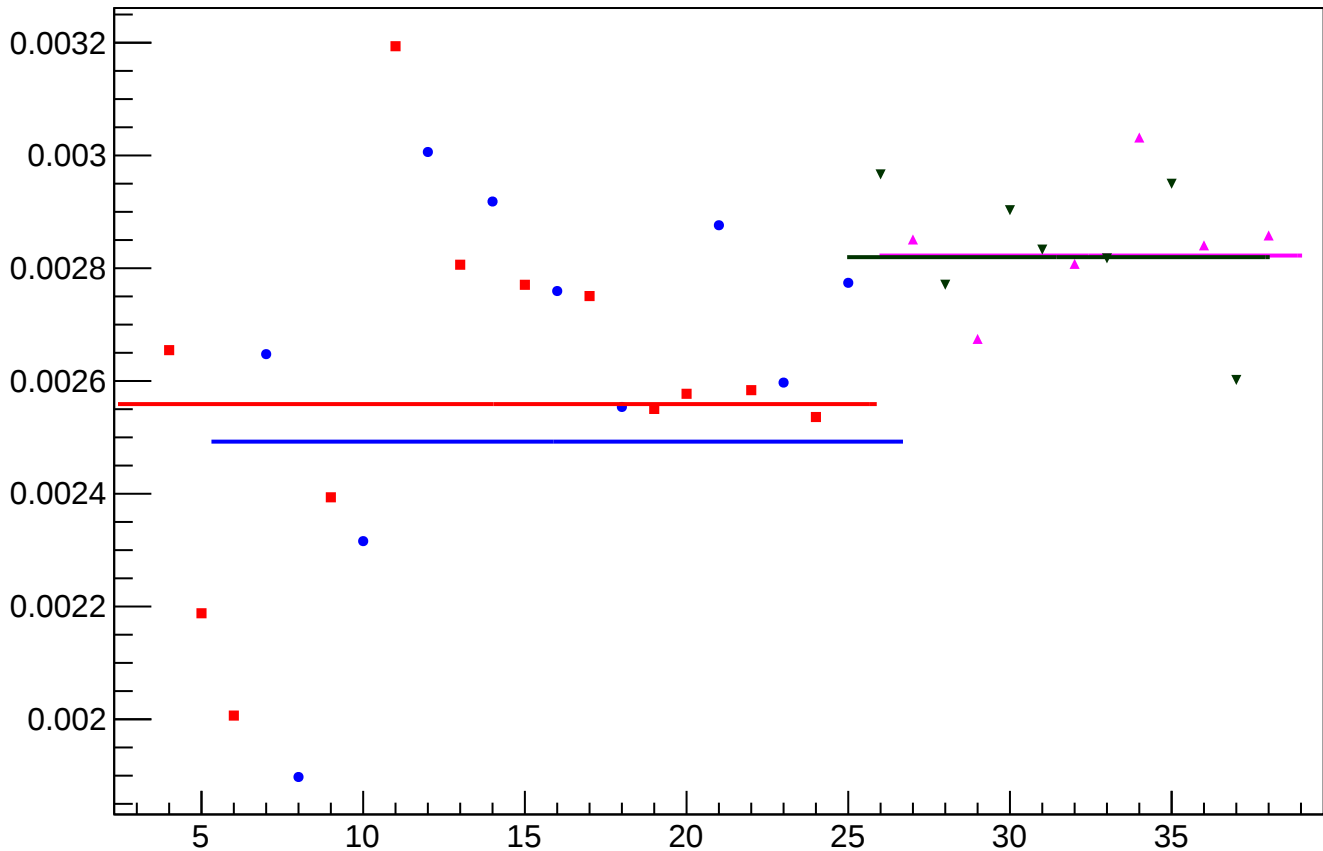
-0.281+/-0.000 χ^2/NDF : 1105418929.4/16

Right Out: -0.269+/-0.000 χ^2/NDF : 1935701786.6/11

-0.266+/-0.000 χ^2/NDF : 2429746682.3/17

Left In: -0.261+/-0.000 χ^2/NDF : 471736878.1/5

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 :13064.4/6

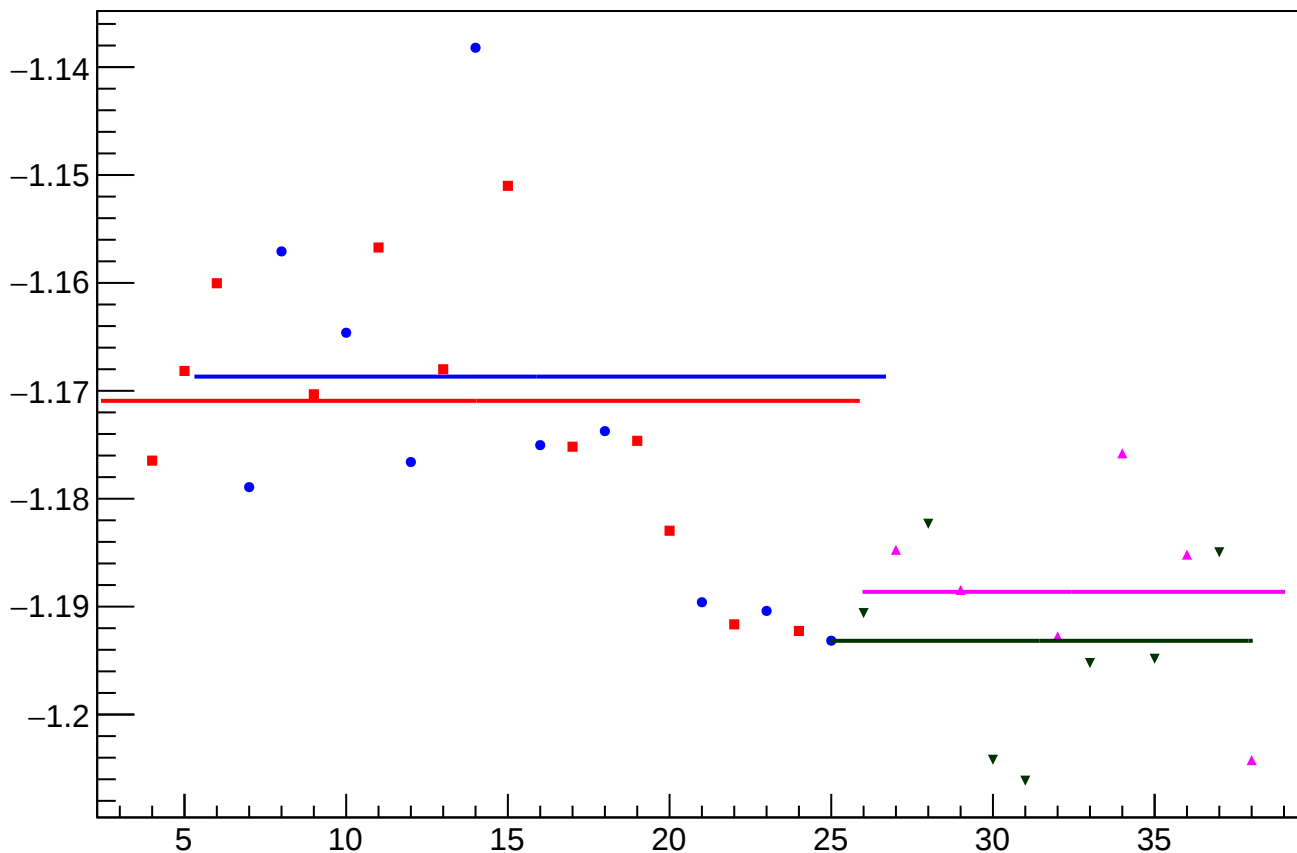
0.003+/-0.000 χ^2/NDF : 382505.9/16

Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

0.003+/-0.000 χ^2/NDF : 231122.7/17

Left In: 0.003+/-0.000 χ^2/NDF :9835.2/5

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.193+/-0.000 χ^2/NDF : 4016345.0/6

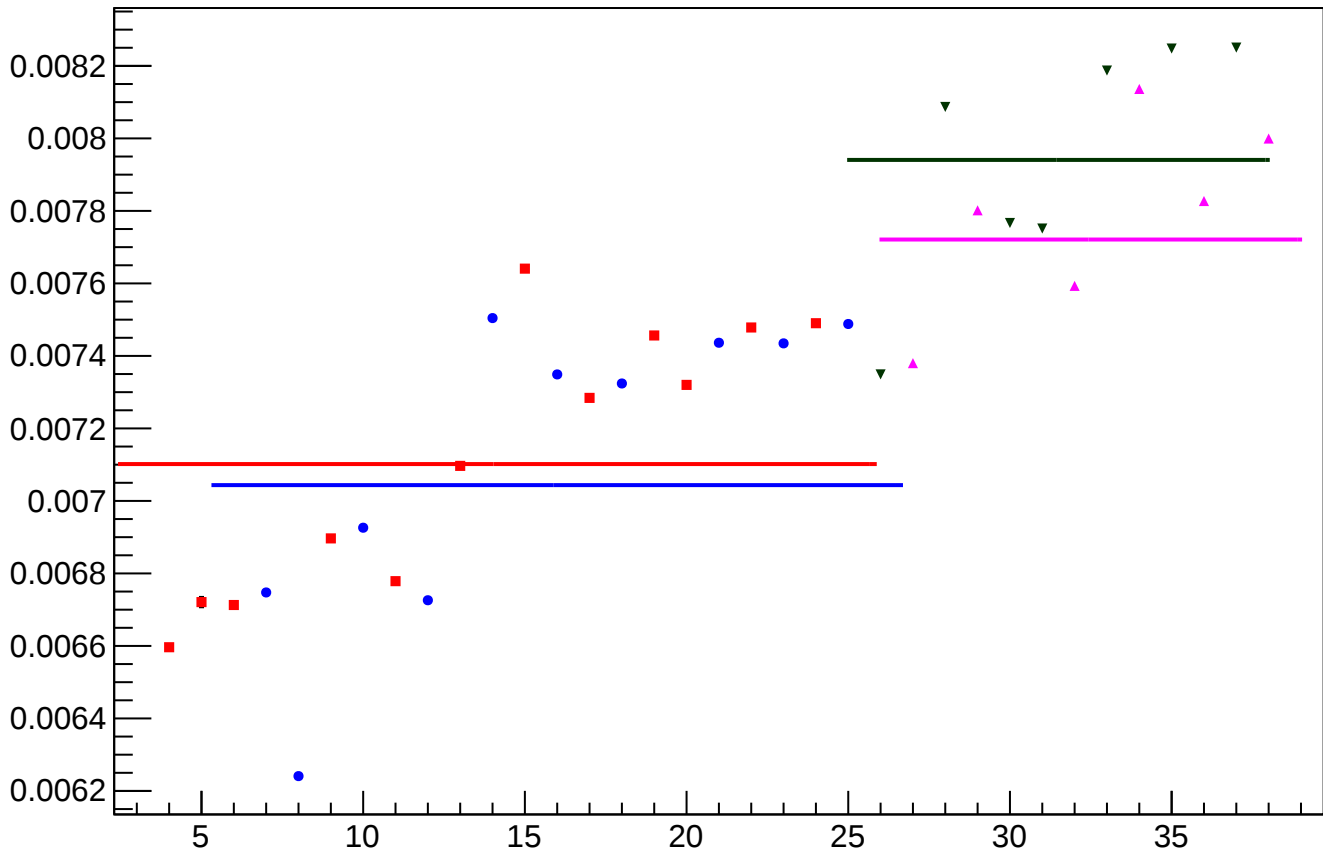
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.189+/-0.000 χ^2/NDF : 3719909.9/5

-1.176+/-0.000 χ^2/NDF : 63421211.2/16

-1.177+/-0.000 χ^2/NDF : 36338237.0/17

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 :11630.8/6

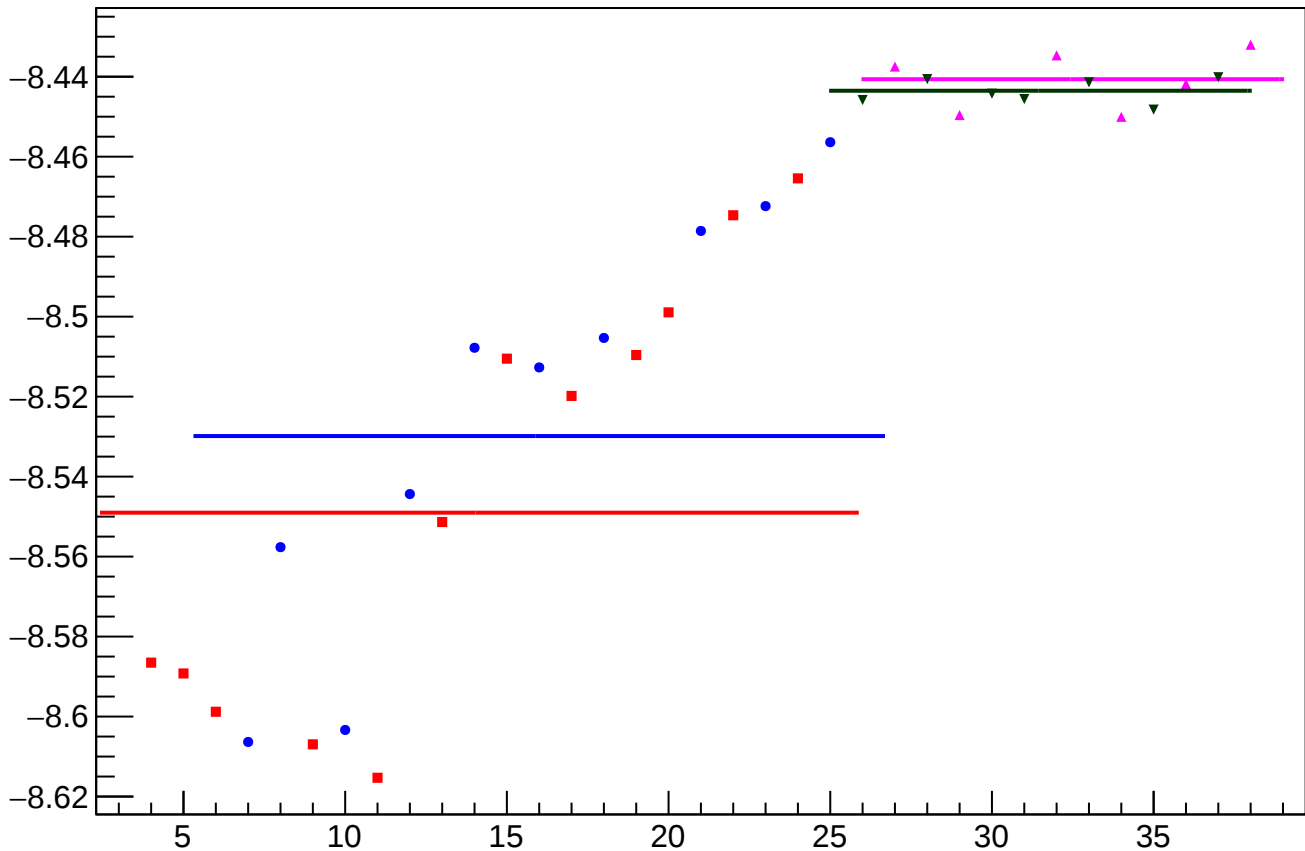
0.007+/-0.000 χ^2/NDF : 130328.0/16

Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

0.007+/-0.000 χ^2/NDF : 69900.7/17

Left In: 0.008+/-0.000 χ^2/NDF :8233.4/5

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.444+/-0.000 χ^2/NDF : 604123.0/6

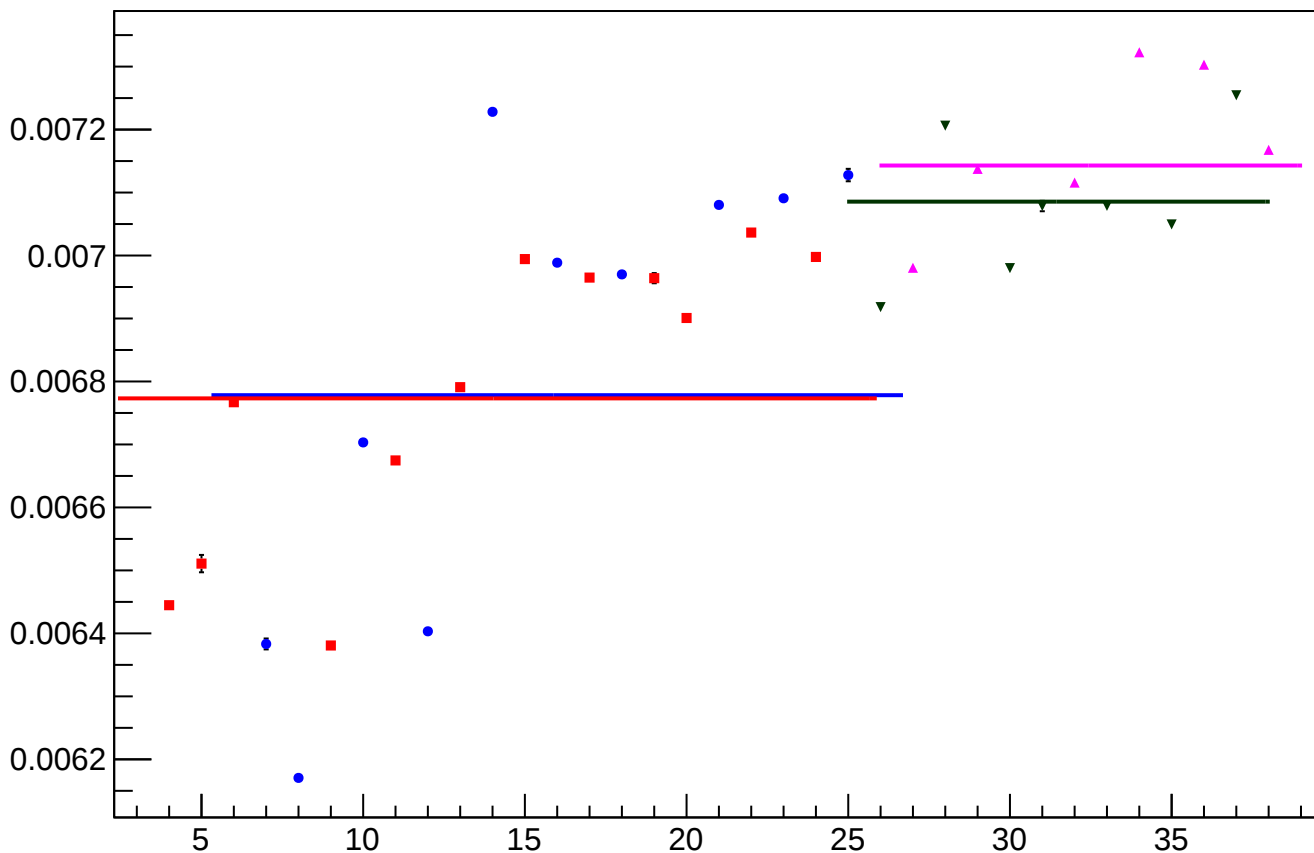
-8.500+/-0.000 χ^2/NDF : 640580674.1/16

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.509+/-0.000 χ^2/NDF : 982131519.1/17

Left In: -8.441+/-0.000 χ^2/NDF : 3729885.4/5

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 :1844.2/6

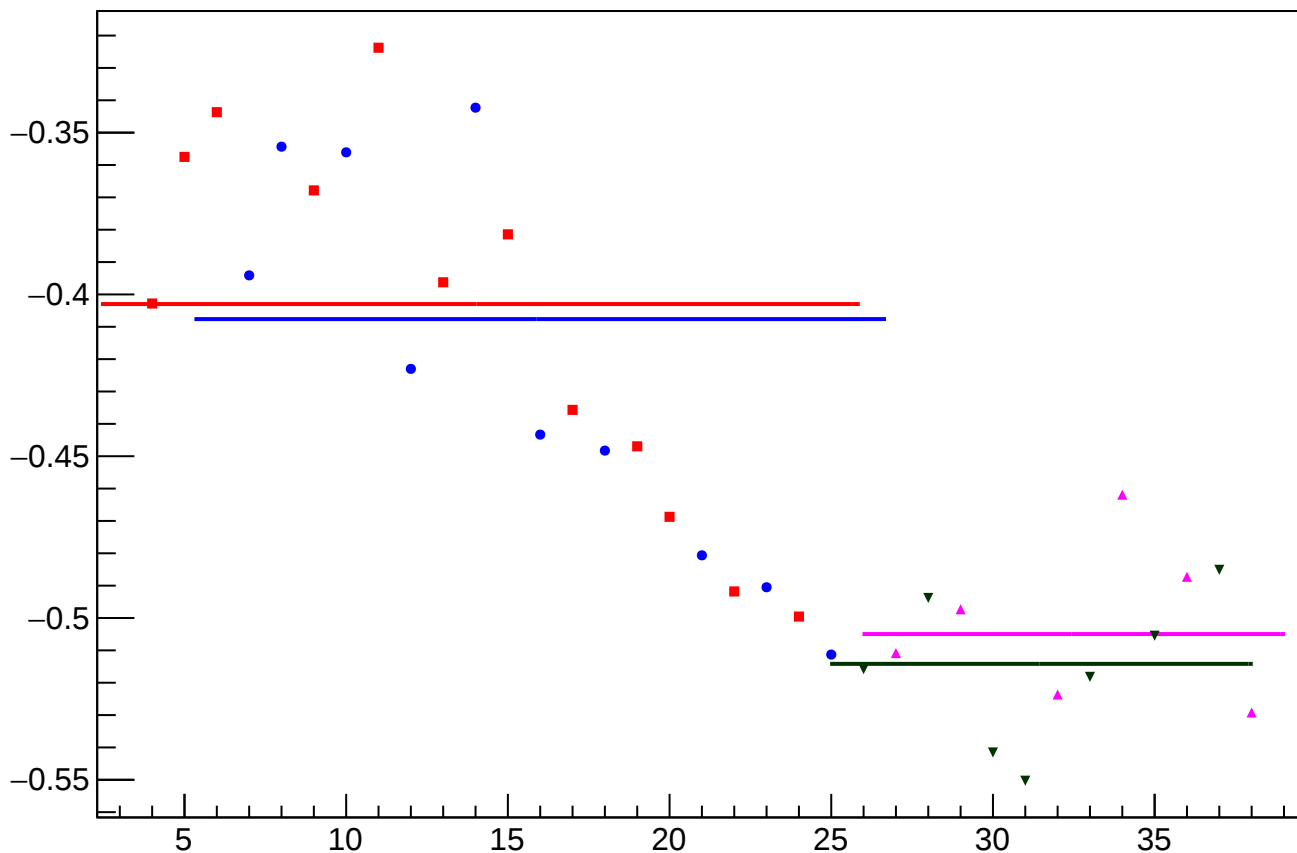
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

Left In: 0.007+/-0.000 χ^2/NDF :2045.8/5

0.007+/-0.000 χ^2/NDF : 50803.1/16

0.007+/-0.000 χ^2/NDF : 29950.1/17

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.514+/-0.000 χ^2/NDF : 4166061.9/6

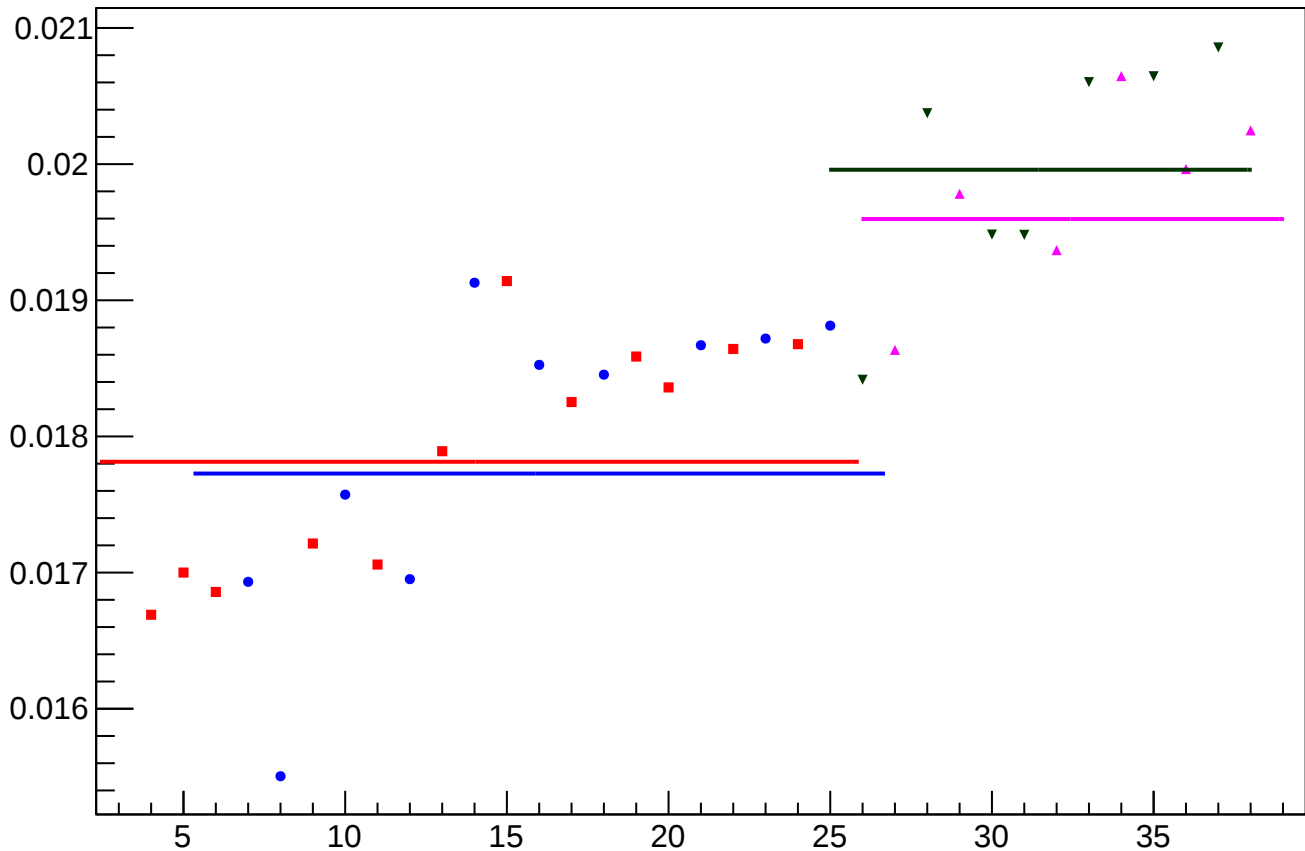
Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.505+/-0.000 χ^2/NDF : 4286585.0/5

-0.441+/-0.000 χ^2/NDF : 140750583.7/16

-0.438+/-0.000 χ^2/NDF : 138513059.0/17

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 :12656.5/6

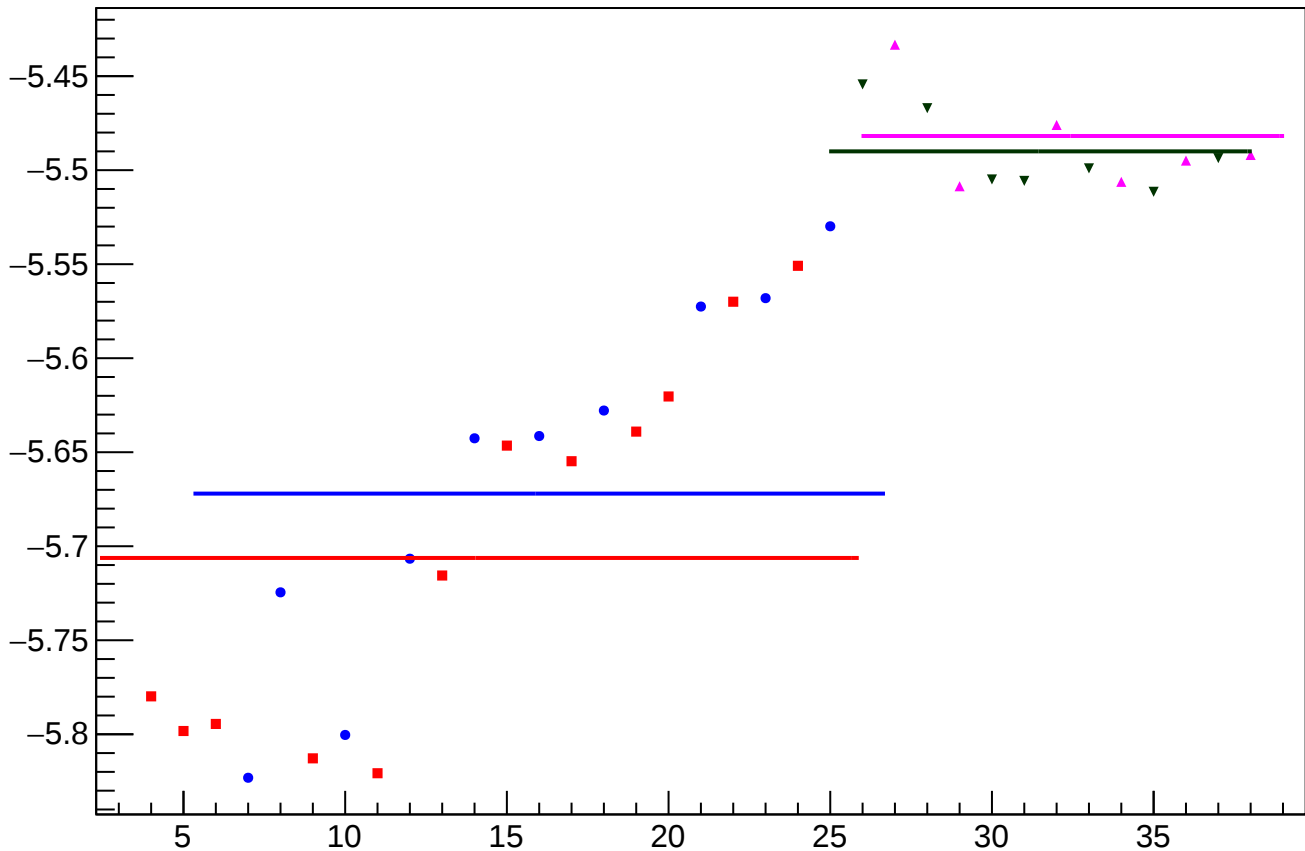
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.020+/-0.000 χ^2/NDF :8795.3/5

0.018+/-0.000 χ^2/NDF : 140262.2/16

0.018+/-0.000 χ^2/NDF : 77415.0/17

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.490+/-0.000 χ^2/NDF : 10474728.9/6

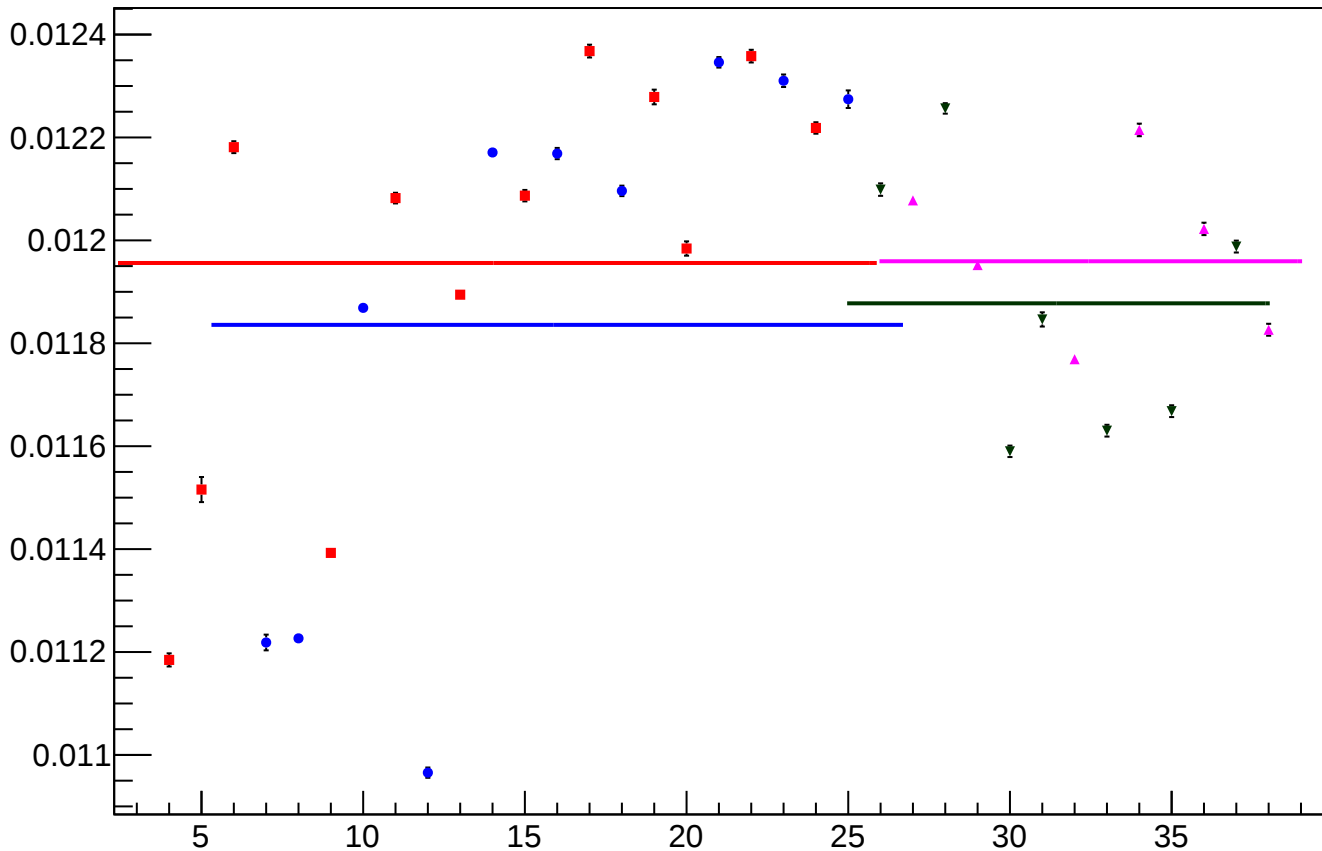
-5.606+/-0.000 χ^2/NDF : 870318668.9/16

Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

-5.618+/-0.000 χ^2/NDF : 1293321272.5/17

Left In: -5.482+/-0.000 χ^2/NDF : 21239980.9/5

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 :3270.0/6

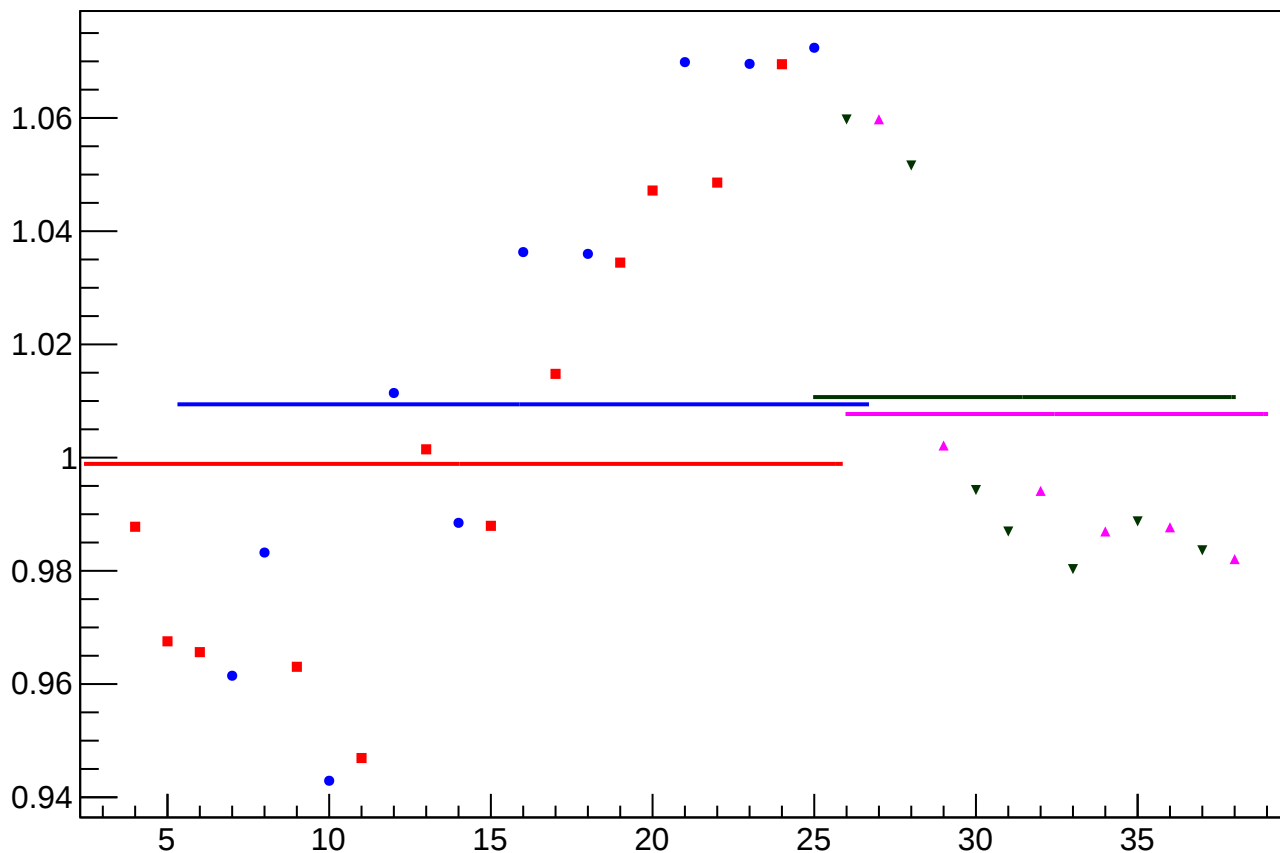
Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

Left In: 0.012+/-0.000 χ^2/NDF :1227.2/5

0.012+/-0.000 χ^2/NDF : 25595.9/16

0.012+/-0.000 χ^2/NDF : 12937.2/17

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.011+/-0.000 χ^2/NDF : 73709211.7/6

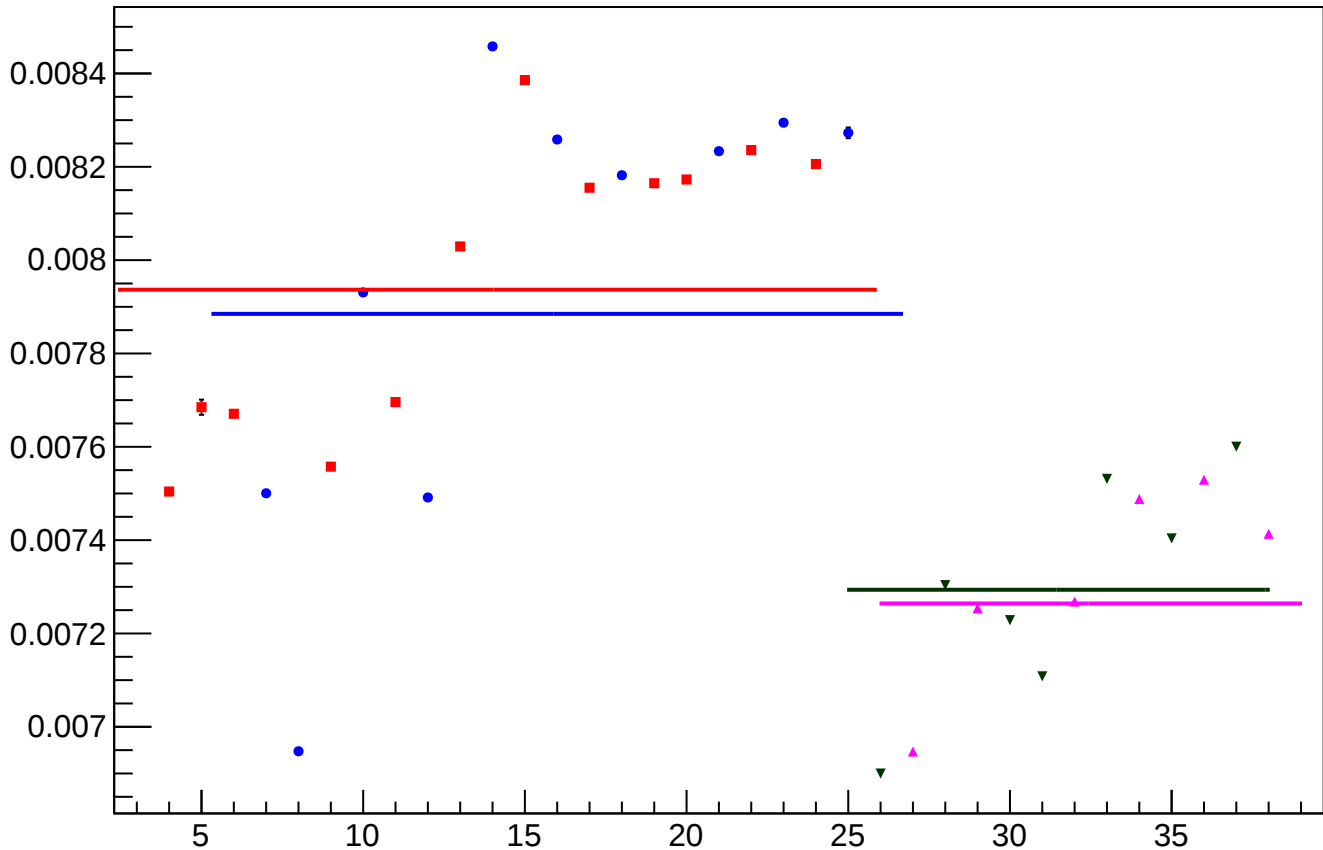
Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

Left In: 1.008+/-0.000 χ^2/NDF : 64006574.4/5

1.010+/-0.000 χ^2/NDF : 255989003.3/16

1.003+/-0.000 χ^2/NDF : 214973030.8/17

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 : 6732.4/6

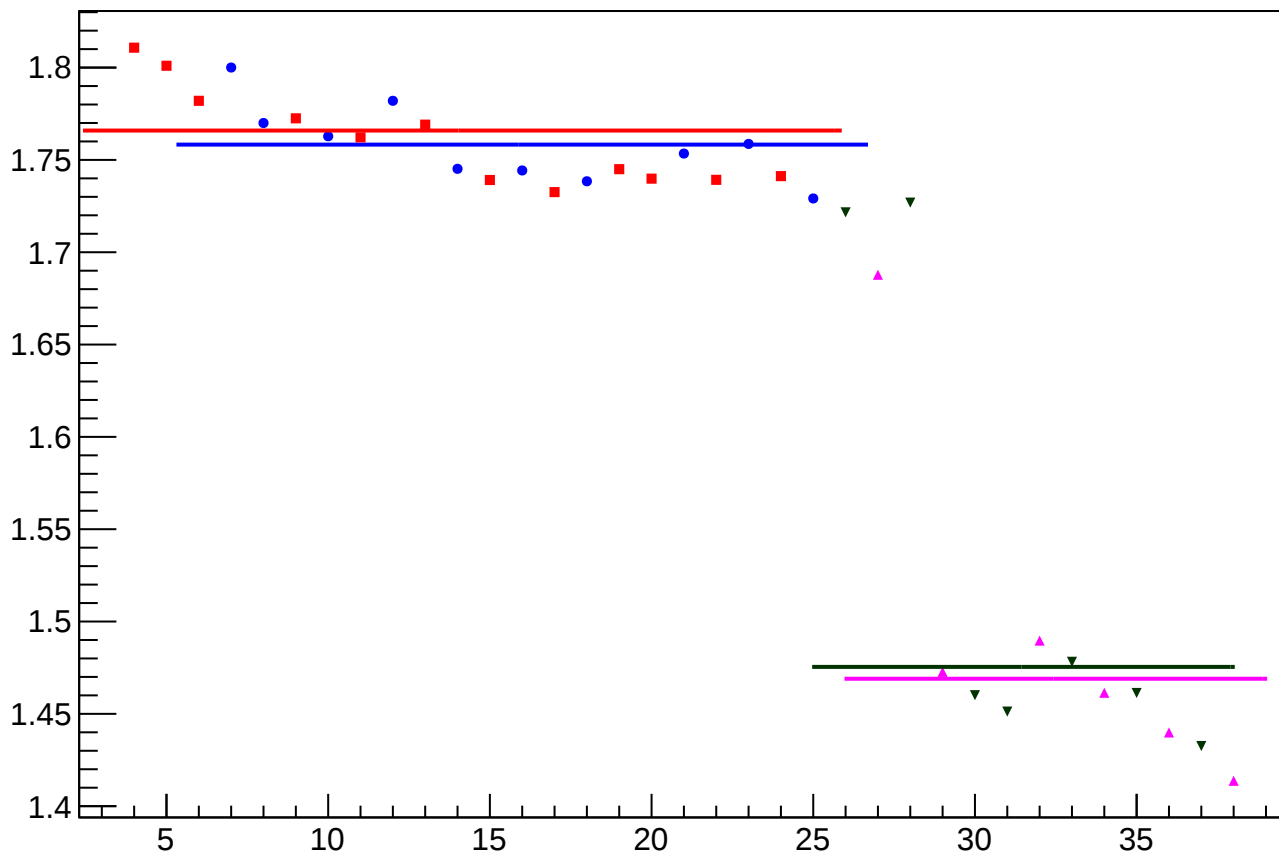
0.008+/-0.000 χ^2/NDF : 93441.9/16

Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

0.008+/-0.000 χ^2/NDF : 62831.6/17

Left In: 0.007+/-0.000 χ^2/NDF : 6004.7/5

yield_bpm1i04Y_mean vs slug



Right In: 1.758 ± 0.000 χ^2/NDF : 25411176.0/9

Left Out: 1.475 ± 0.000 χ^2/NDF : 514763422.3/6

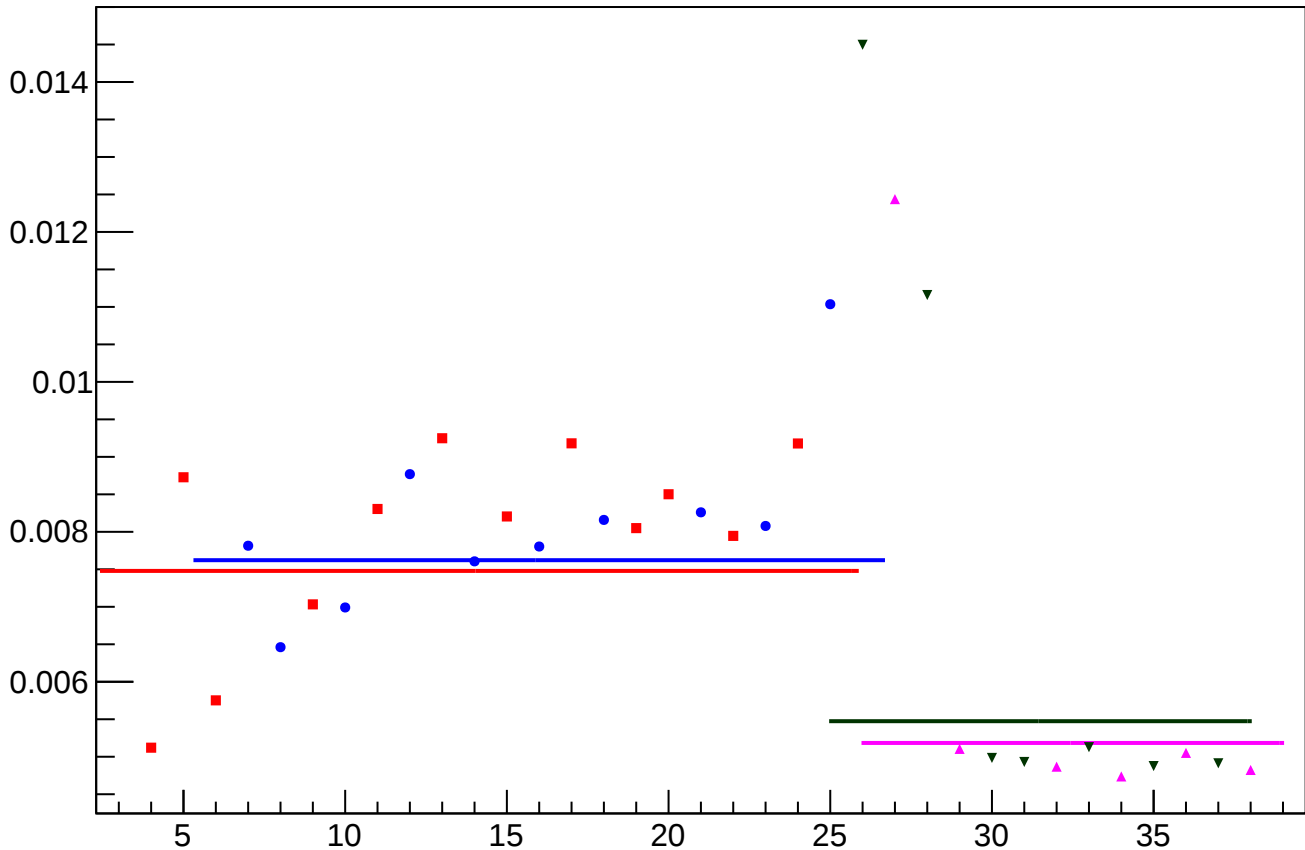
Right Out: 1.766 ± 0.000 χ^2/NDF : 62233931.0/11

Left In: 1.469 ± 0.000 χ^2/NDF : 321389852.0/5

1.617 ± 0.000 χ^2/NDF : 4690801264.8/16

1.600 ± 0.000 χ^2/NDF : 5552892737.8/17

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 : 747422.6/6

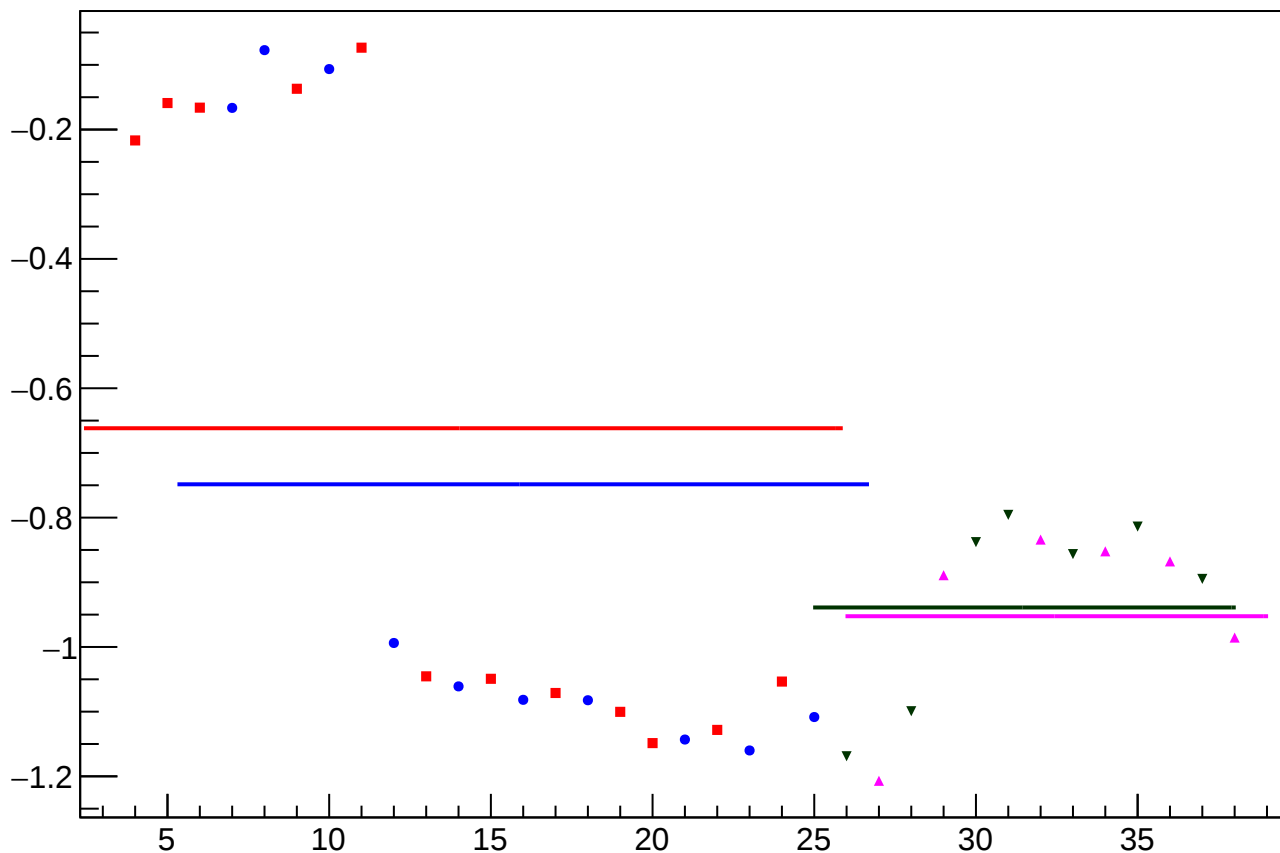
0.007+/-0.000 χ^2/NDF : 1378390.3/16

Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

0.006+/-0.000 χ^2/NDF : 1567166.4/17

Left In: 0.005+/-0.000 χ^2/NDF : 512514.2/5

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -0.939+/-0.000 χ^2/NDF : 933381398.6/6

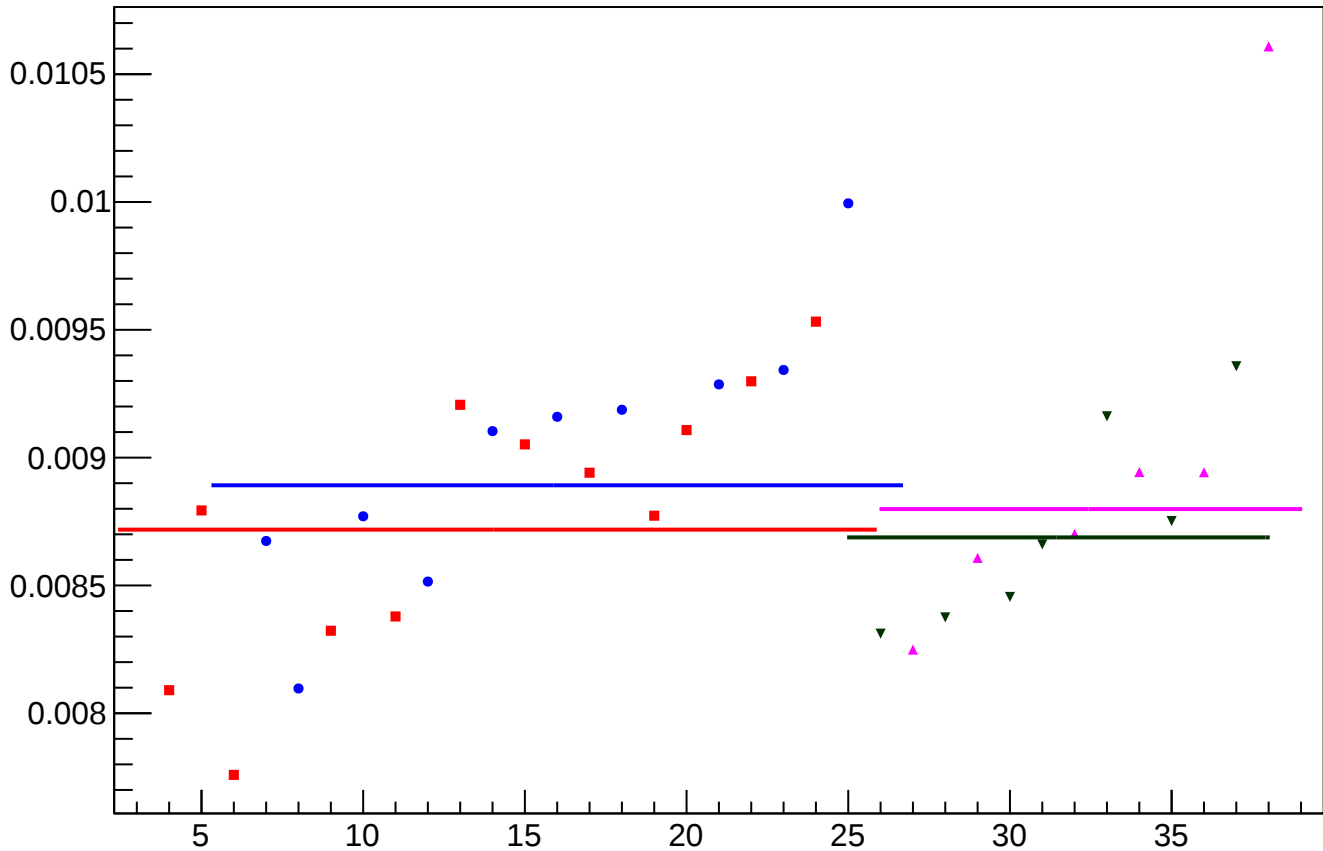
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -0.952+/-0.000 χ^2/NDF : 1104945708.5/5

-0.819+/-0.000 χ^2/NDF : 19445150521.7/16

-0.775+/-0.000 χ^2/NDF : 21538821694.4/17

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 :12725.8/6

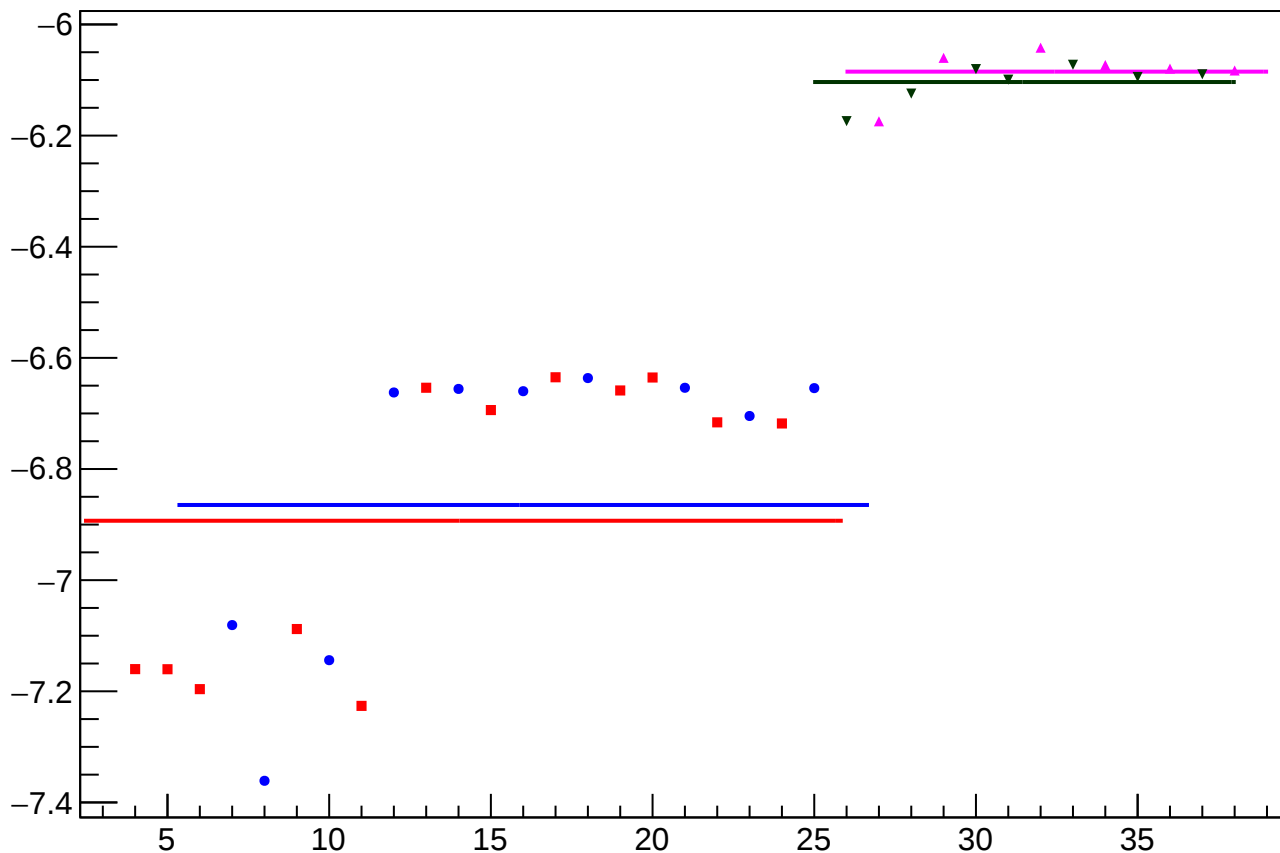
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.009+/-0.000 χ^2/NDF :38489.8/5

0.009+/-0.000 χ^2/NDF : 49519.0/16

0.009+/-0.000 χ^2/NDF : 86551.4/17

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.104+/-0.000 χ^2/NDF : 36372676.9/6

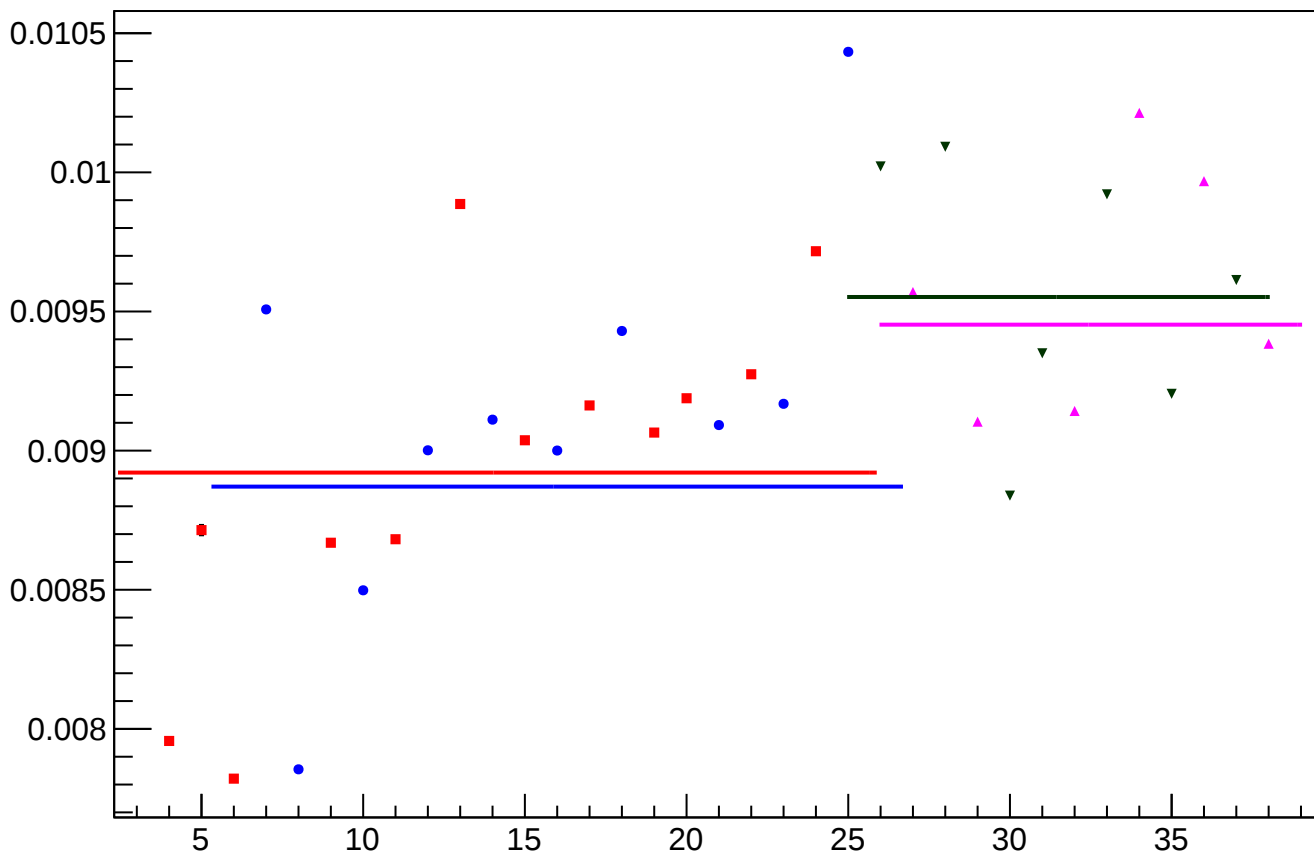
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.085+/-0.000 χ^2/NDF : 97028358.7/5

-6.617+/-0.000 χ^2/NDF : 21612957198.3/16

-6.596+/-0.000 χ^2/NDF : 23191917507.5/17

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 :15759.7/6

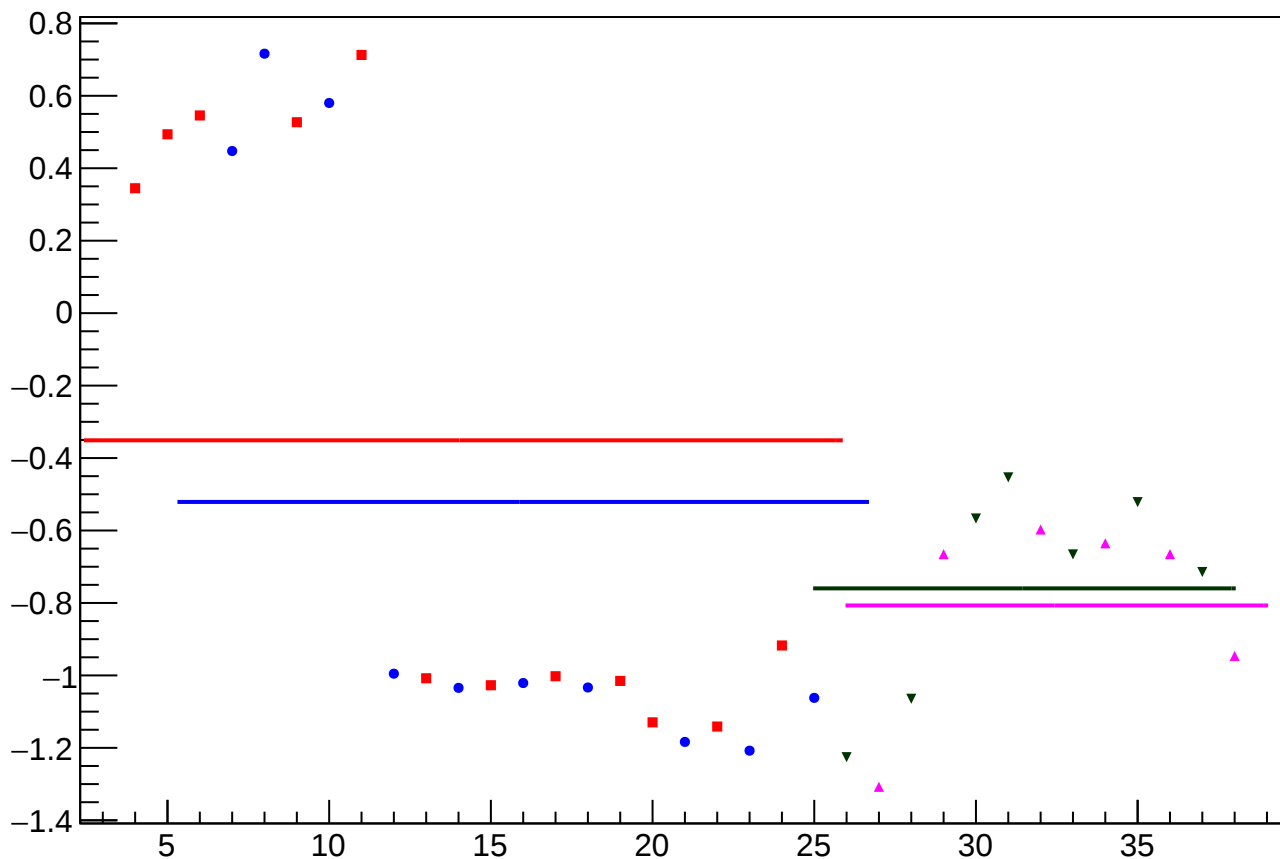
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF :12732.2/5

0.009+/-0.000 χ^2/NDF : 93685.6/16

0.009+/-0.000 χ^2/NDF : 89841.8/17

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -0.760+/-0.000 χ^2/NDF : 811922182.3/6

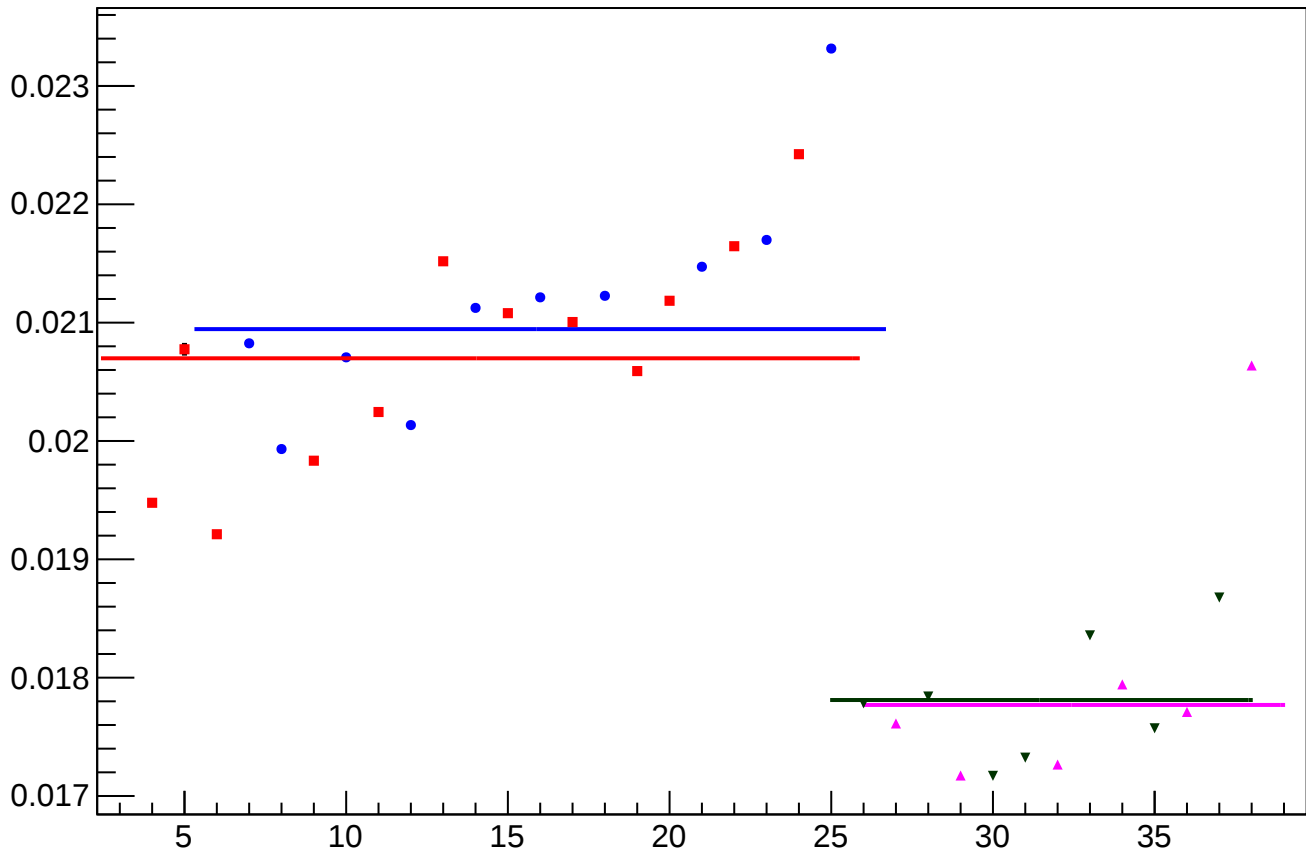
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.807+/-0.000 χ^2/NDF : 958924764.4/5

-0.626+/-0.000 χ^2/NDF : 10393383997.6/16

-0.564+/-0.000 χ^2/NDF : 11360860679.5/17

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 14569.8/9

Left Out: 0.018+/-0.000 χ^2/NDF : 5440.3/6

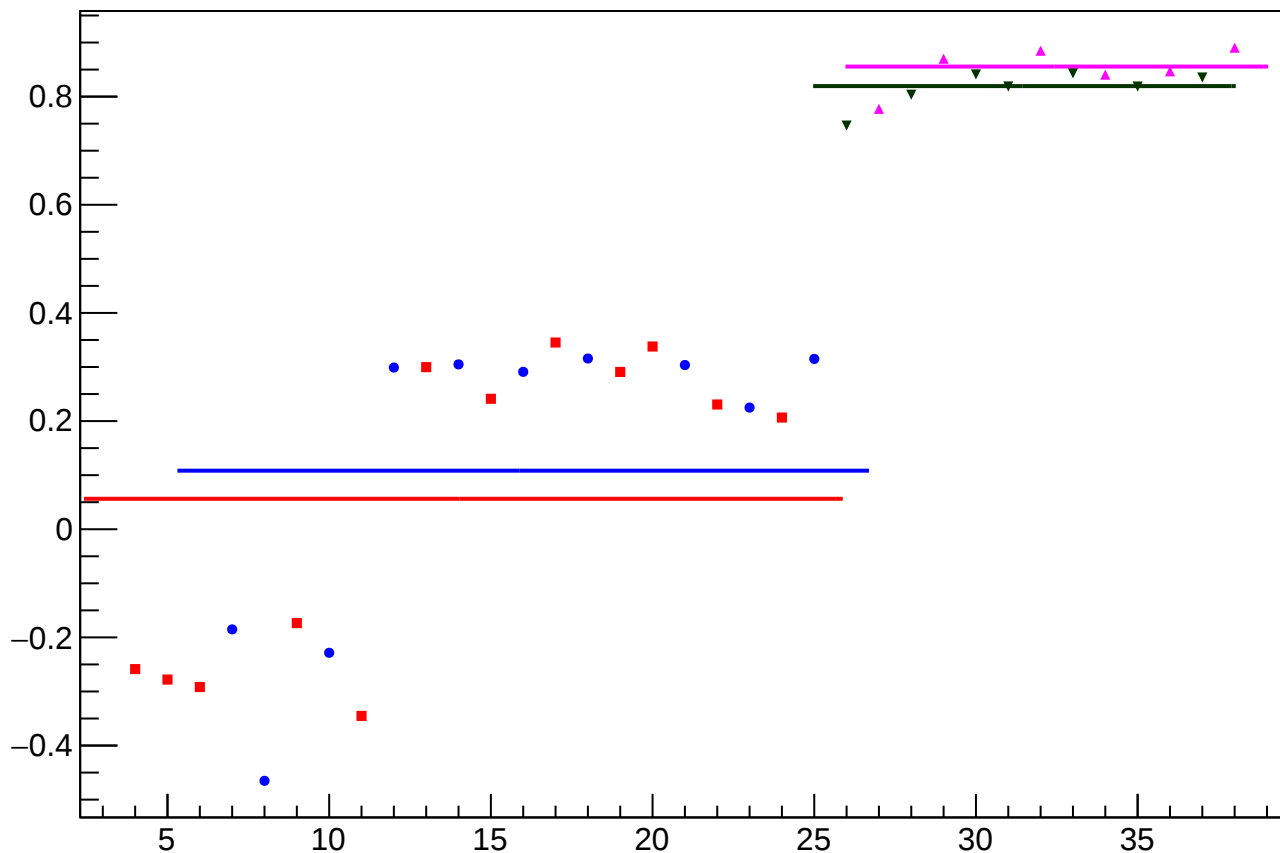
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.018+/-0.000 χ^2/NDF : 23457.5/5

0.020+/-0.000 χ^2/NDF : 144403.8/16

0.019+/-0.000 χ^2/NDF : 165828.2/17

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 0.819+/-0.000 χ^2/NDF :19662650.2/6

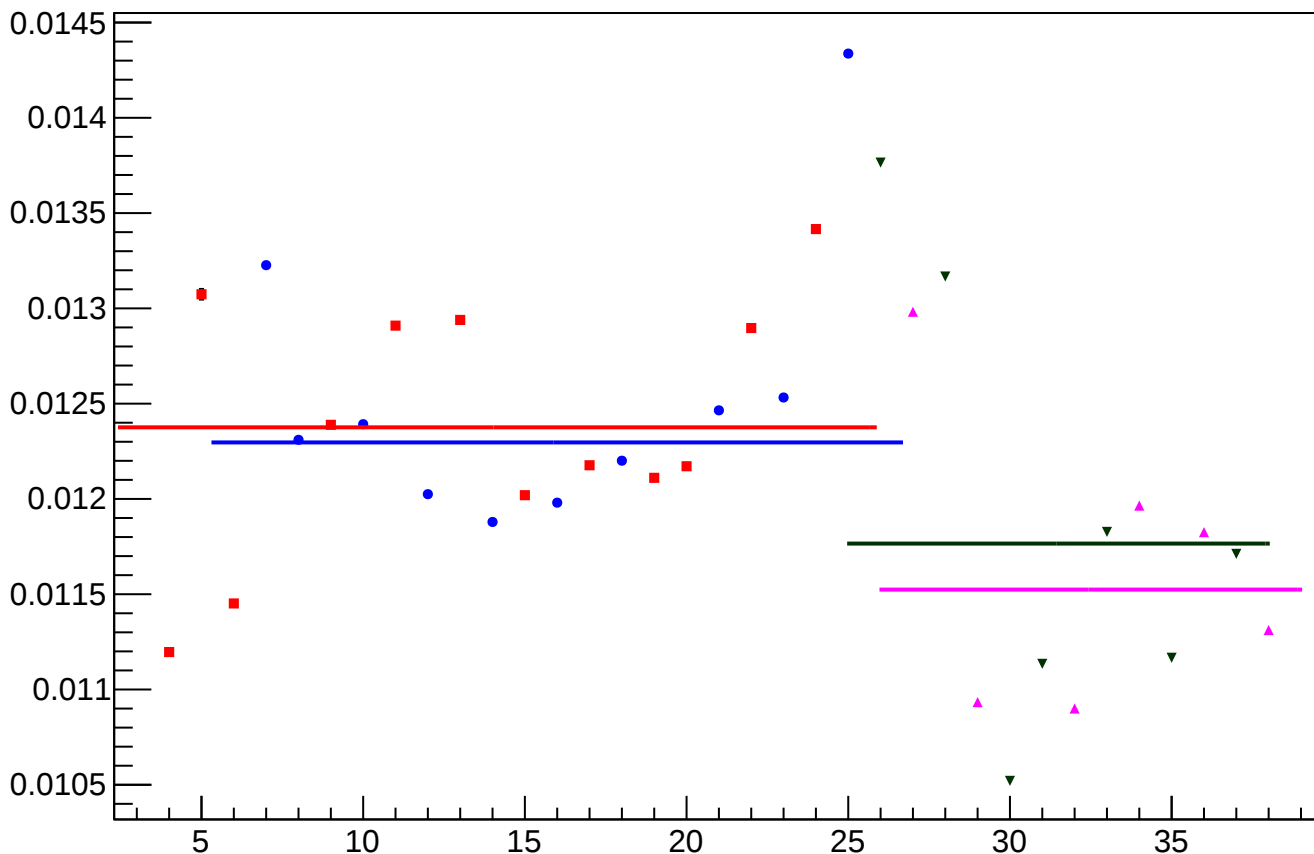
Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

Left In: 0.856+/-0.000 χ^2/NDF :43151610.8/5

0.379+/-0.000 χ^2/NDF : 11635932834.2/16

0.399+/-0.000 χ^2/NDF : 13991924919.9/17

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.012+/-0.000 χ^2/NDF :55169.3/6

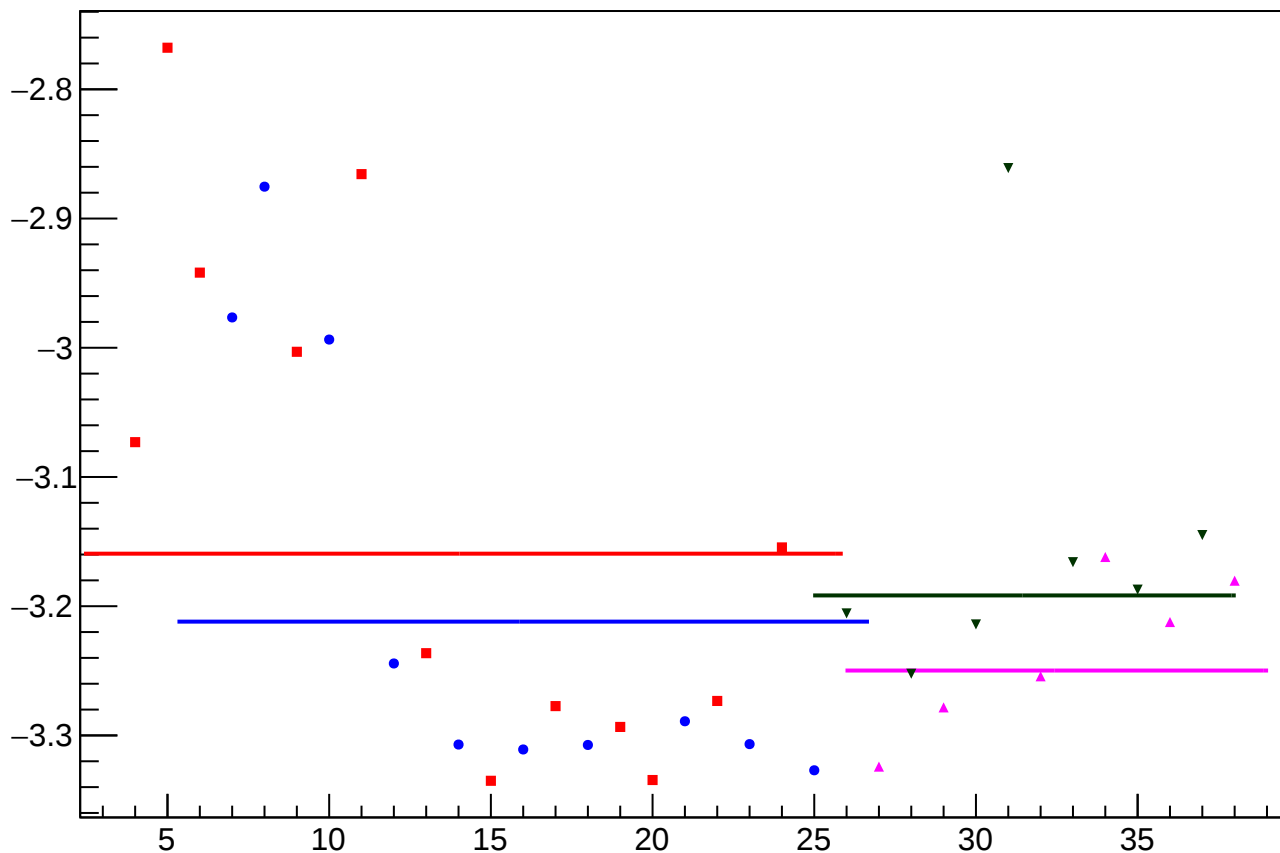
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.012+/-0.000 χ^2/NDF :33413.7/5

0.012+/-0.000 χ^2/NDF : 81348.9/16

0.012+/-0.000 χ^2/NDF : 89912.4/17

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.192+/-0.000 χ^2/NDF : 237408335.7/6

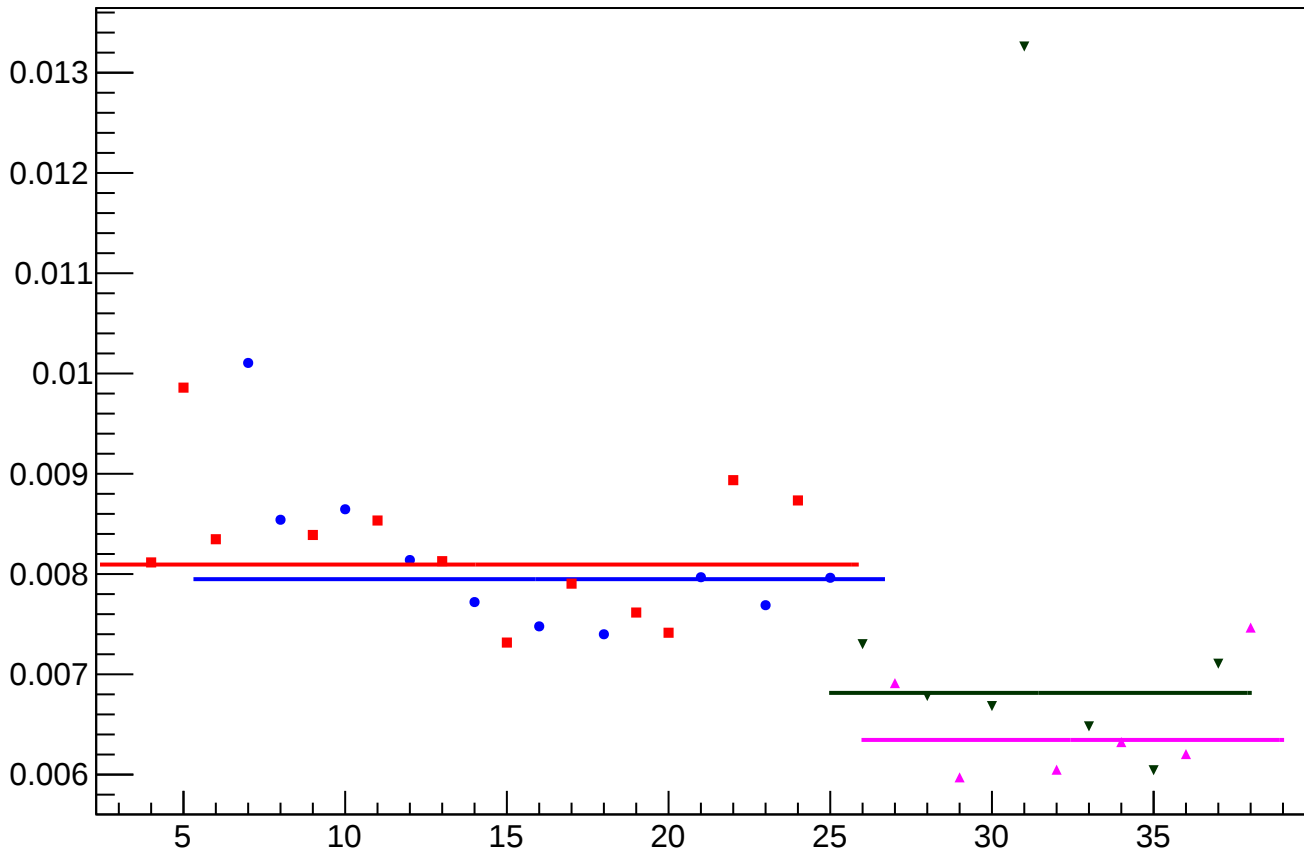
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.250+/-0.000 χ^2/NDF : 238634368.5/5

-3.204+/-0.000 χ^2/NDF : 2484183838.4/16

-3.207+/-0.000 χ^2/NDF : 2777893957.1/17

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 :147275.2/6

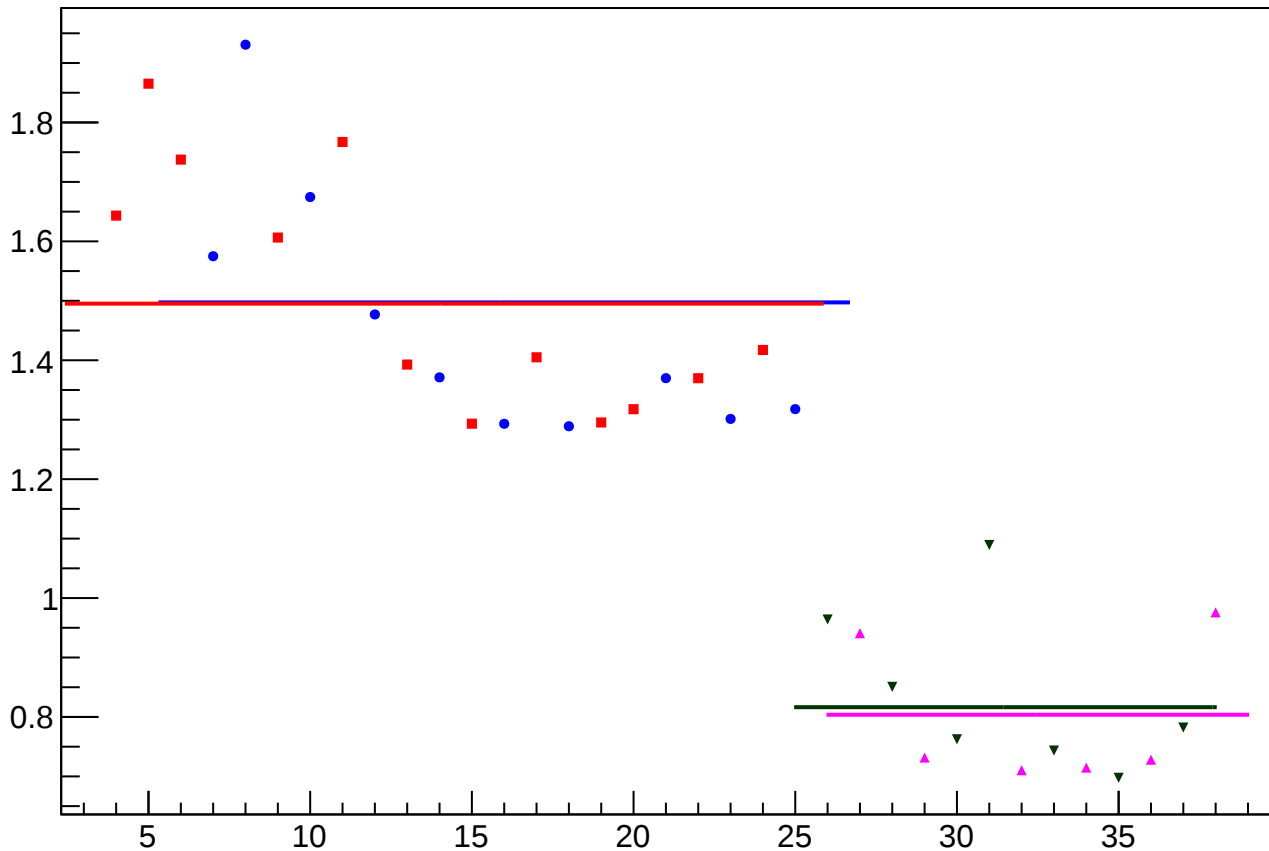
0.007+/-0.000 χ^2/NDF : 282120.3/16

Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

0.007+/-0.000 χ^2/NDF : 339899.9/17

Left In: 0.006+/-0.000 χ^2/NDF :39297.2/5

yield_bpm0l03Y_mean vs slug



Right In: 1.497 $\pm$ 0.000 χ^2 /NDF: 5019721758.5/9

Left Out: 0.816 $\pm$ 0.000 χ^2 /NDF:335869876.0/6

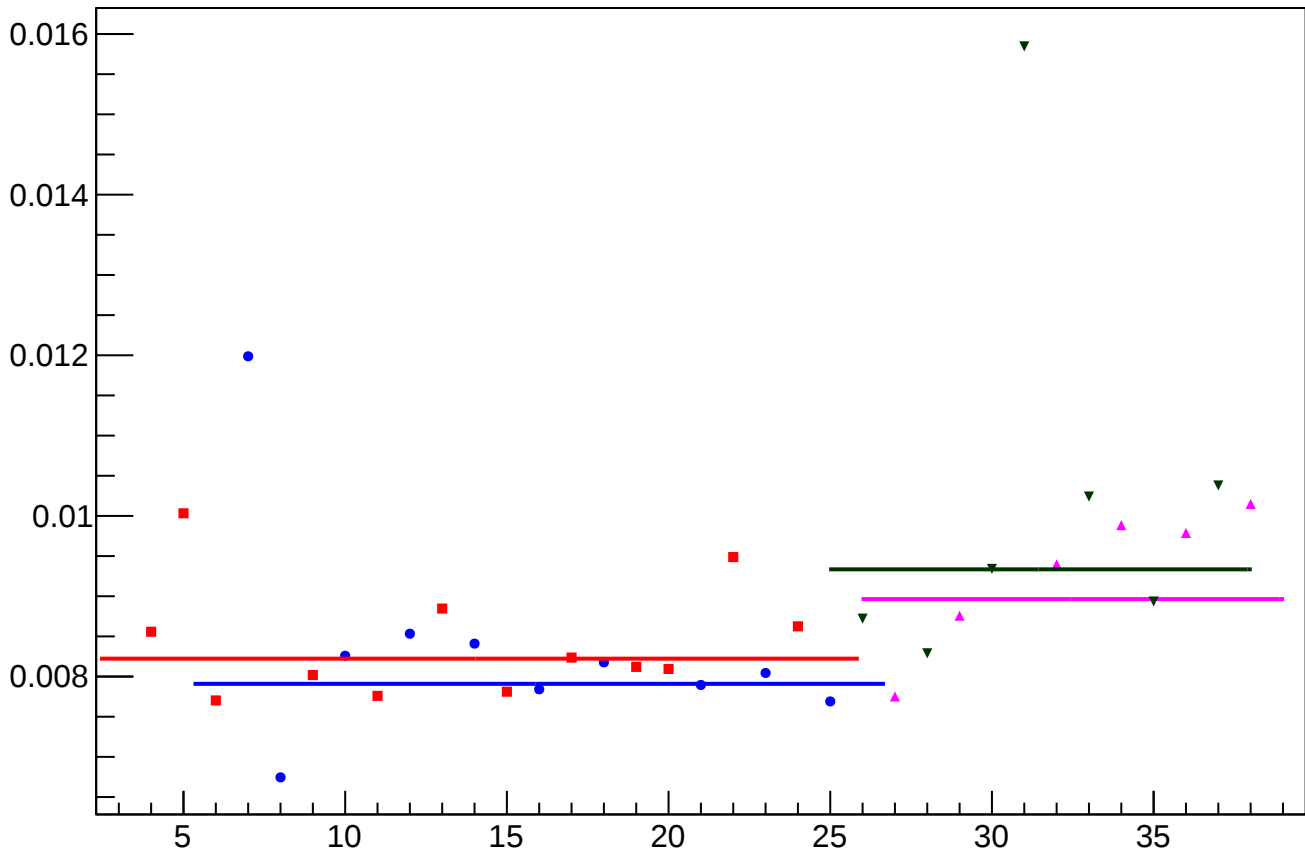
1.313 $\pm$ 0.000 χ^2 /NDF: 16251941031.4/16

Right Out: 1.495 $\pm$ 0.000 χ^2 /NDF: 2404671234.5/11

1.238 $\pm$ 0.000 χ^2 /NDF: 16401421304.3/17

Left In: 0.804 $\pm$ 0.000 χ^2 /NDF:541587965.7/5

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91526.9/9

Left Out: 0.009+/-0.000 χ^2/NDF :130115.1/6

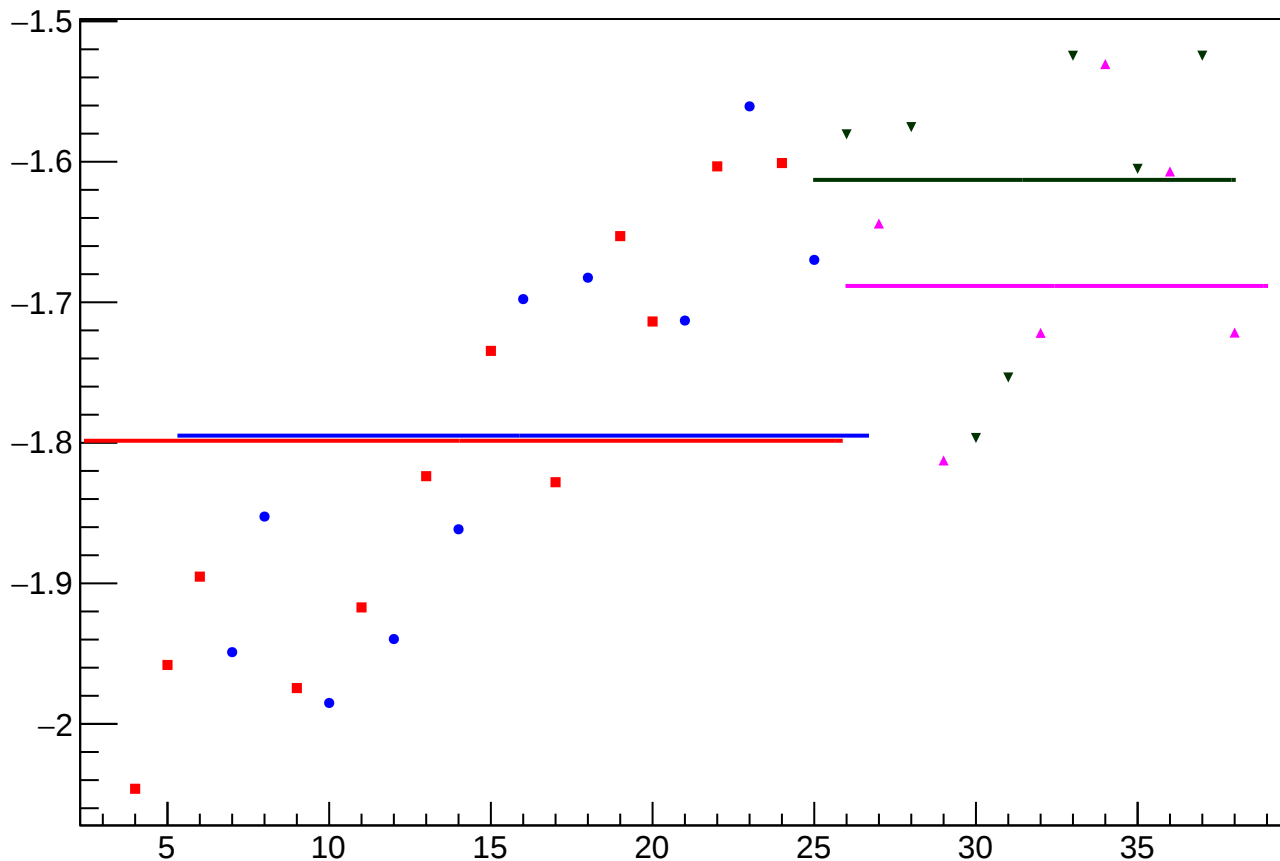
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-0.000 χ^2/NDF :64840.4/5

0.008+/-0.000 χ^2/NDF : 317136.7/16

0.008+/-0.000 χ^2/NDF : 133982.3/17

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 : 242947157.8/6

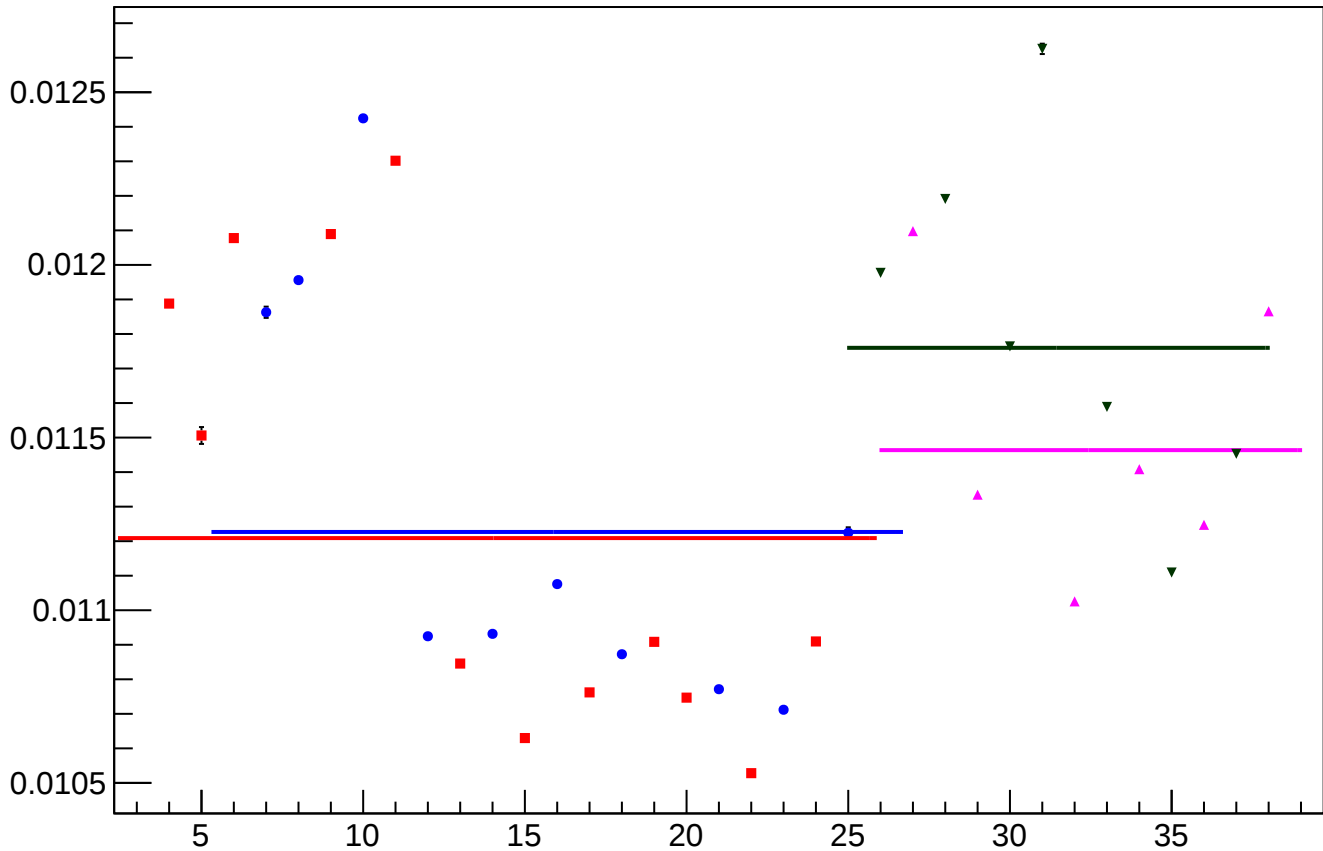
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.688+/-0.000 χ^2/NDF : 245345625.6/5

-1.733+/-0.000 χ^2/NDF : 1645618758.9/16

-1.756+/-0.000 χ^2/NDF : 1407989607.8/17

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 : 9827.4/6

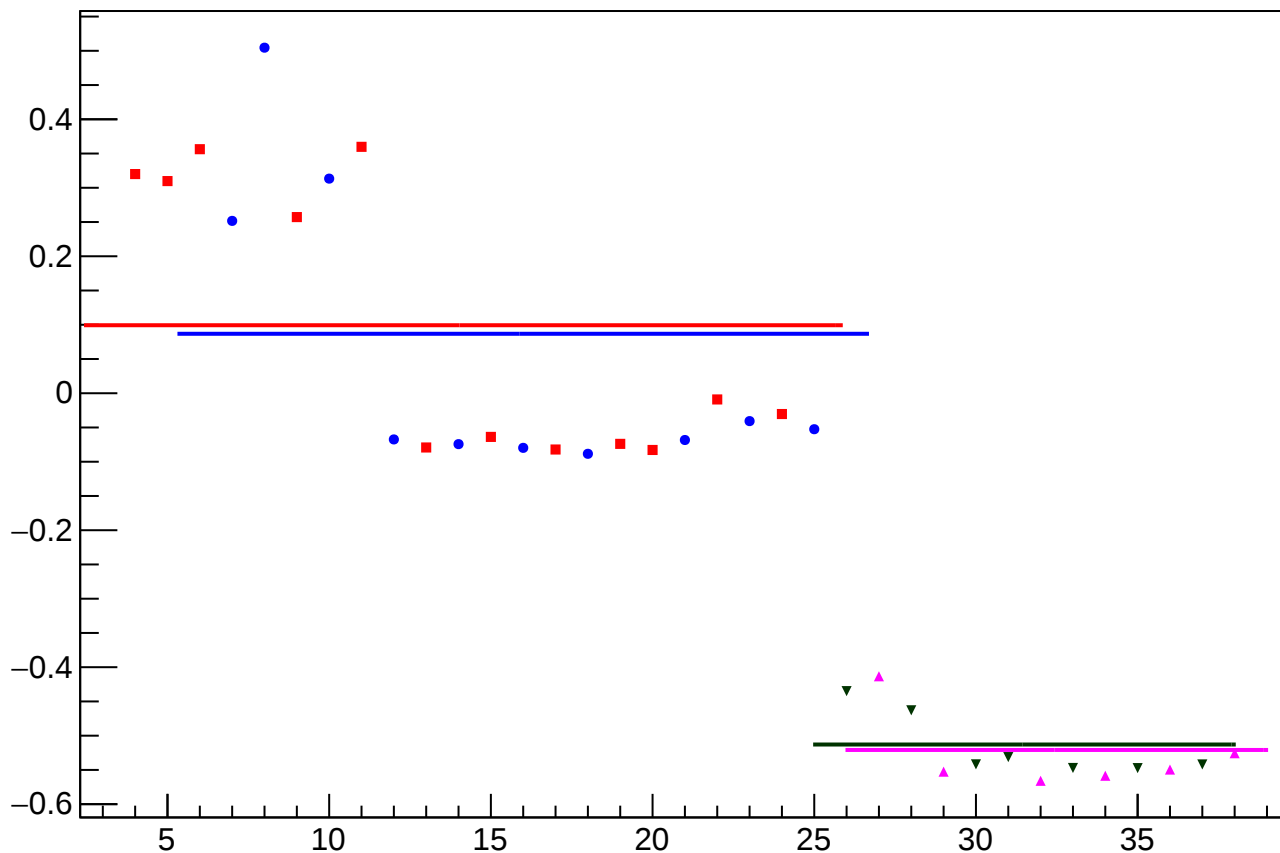
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

Left In: 0.011+/-0.000 χ^2/NDF : 9193.3/5

0.011+/-0.000 χ^2/NDF : 51770.0/16

0.011+/-0.000 χ^2/NDF : 52785.9/17

yield_bpm0l04Y_mean vs slug



Right In: 0.087+/-0.000 χ^2/NDF : 6587794227.2/9

Left Out: -0.513+/-0.000 χ^2/NDF : 108461797.6/6

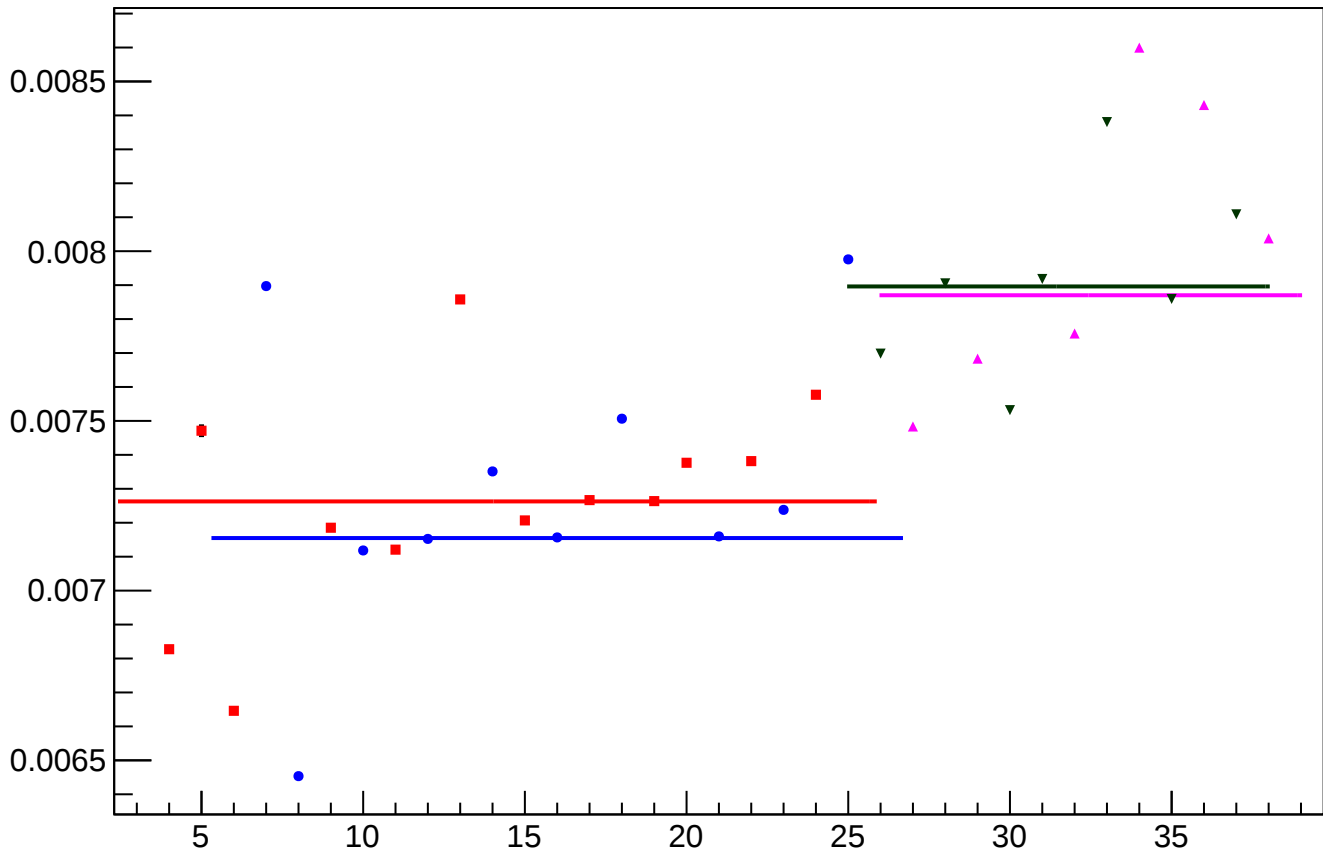
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.521+/-0.000 χ^2/NDF : 228808140.8/5

-0.102+/-0.000 χ^2/NDF : 20562066206.1/16

-0.122+/-0.000 χ^2/NDF : 20426748837.9/17

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 : 7162.3/6

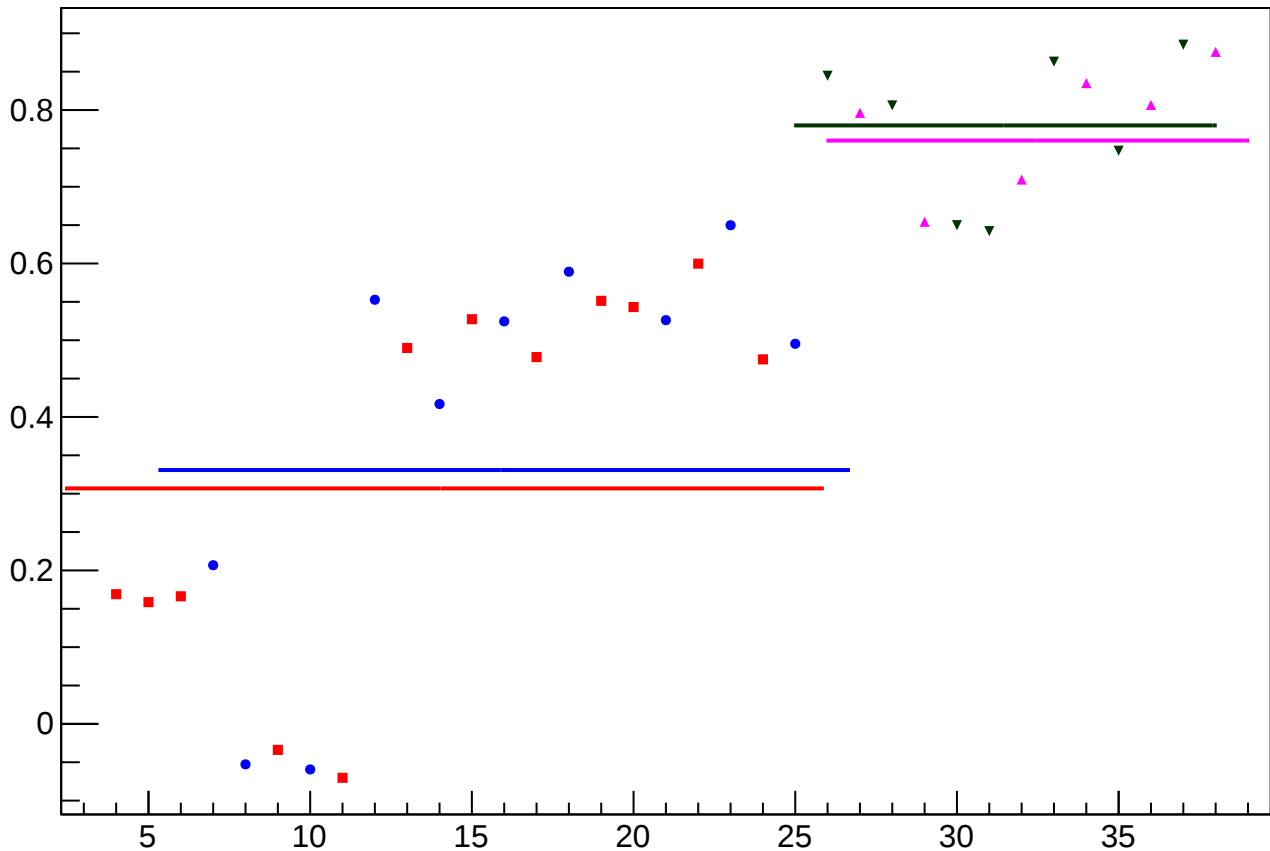
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-0.000 χ^2/NDF : 17503.6/5

0.007+/-0.000 χ^2/NDF : 84540.5/16

0.007+/-0.000 χ^2/NDF : 73578.5/17

yield_bpm0l05X_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 10288533334.9/9

Left Out: 0.780+/-0.000 χ^2/NDF : 617512247.1/6

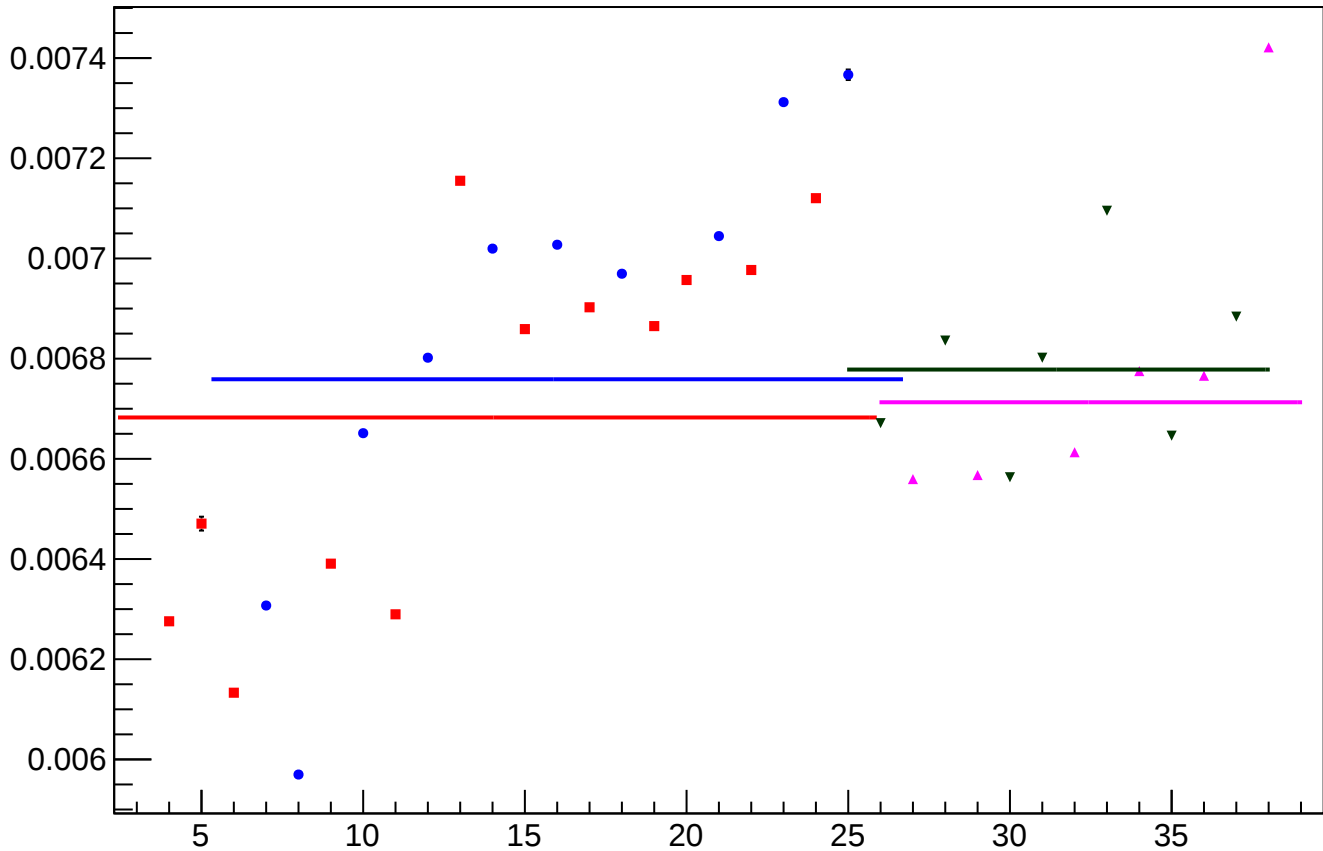
0.493+/-0.000 χ^2/NDF : 20962877841.0/16

Right Out: 0.307+/-0.000 χ^2/NDF : 8592627222.1/11

0.485+/-0.000 χ^2/NDF : 20287531466.6/17

Left In: 0.760+/-0.000 χ^2/NDF : 502012631.5/5

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 : 4154.6/6

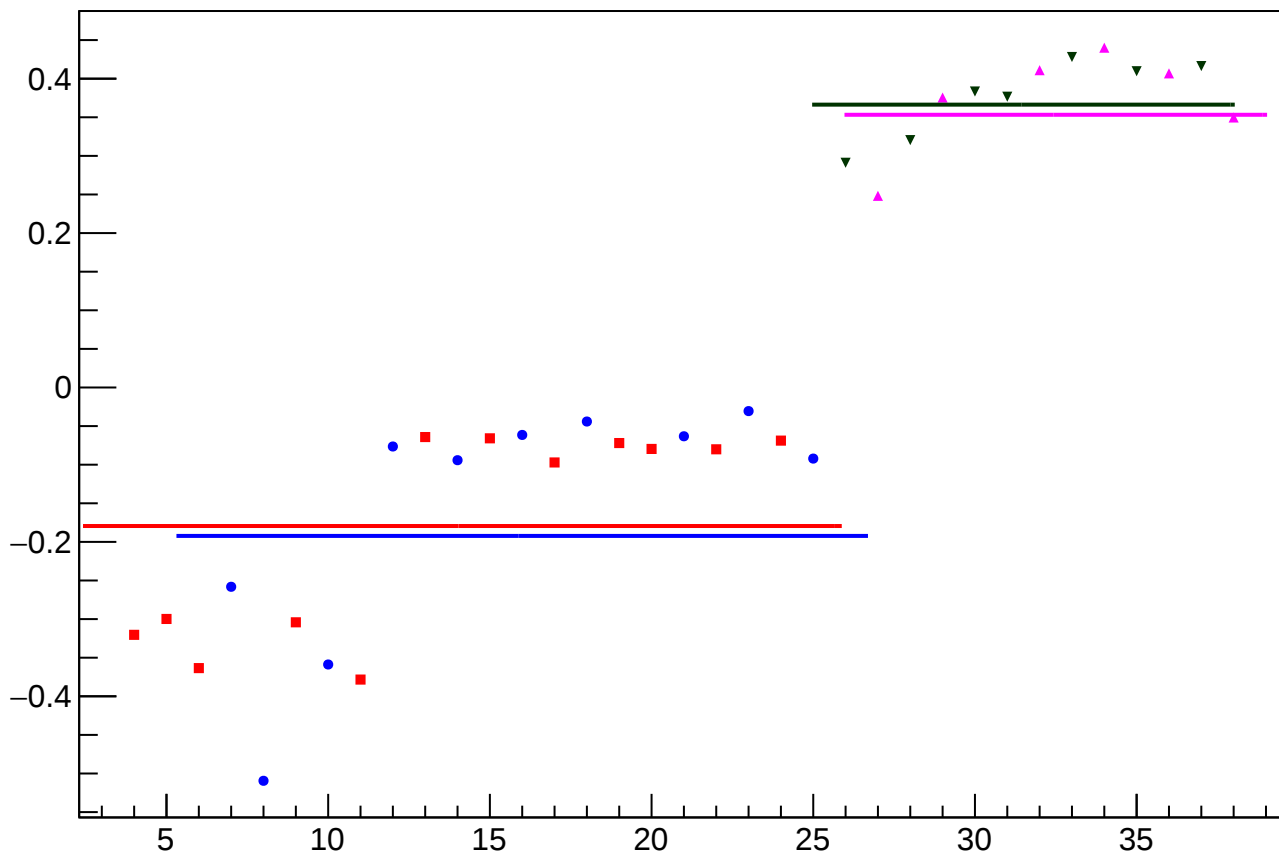
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 11602.1/5

0.007+/-0.000 χ^2/NDF : 55292.5/16

0.007+/-0.000 χ^2/NDF : 49625.5/17

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.366+/-0.000 χ^2/NDF : 256632780.5/6

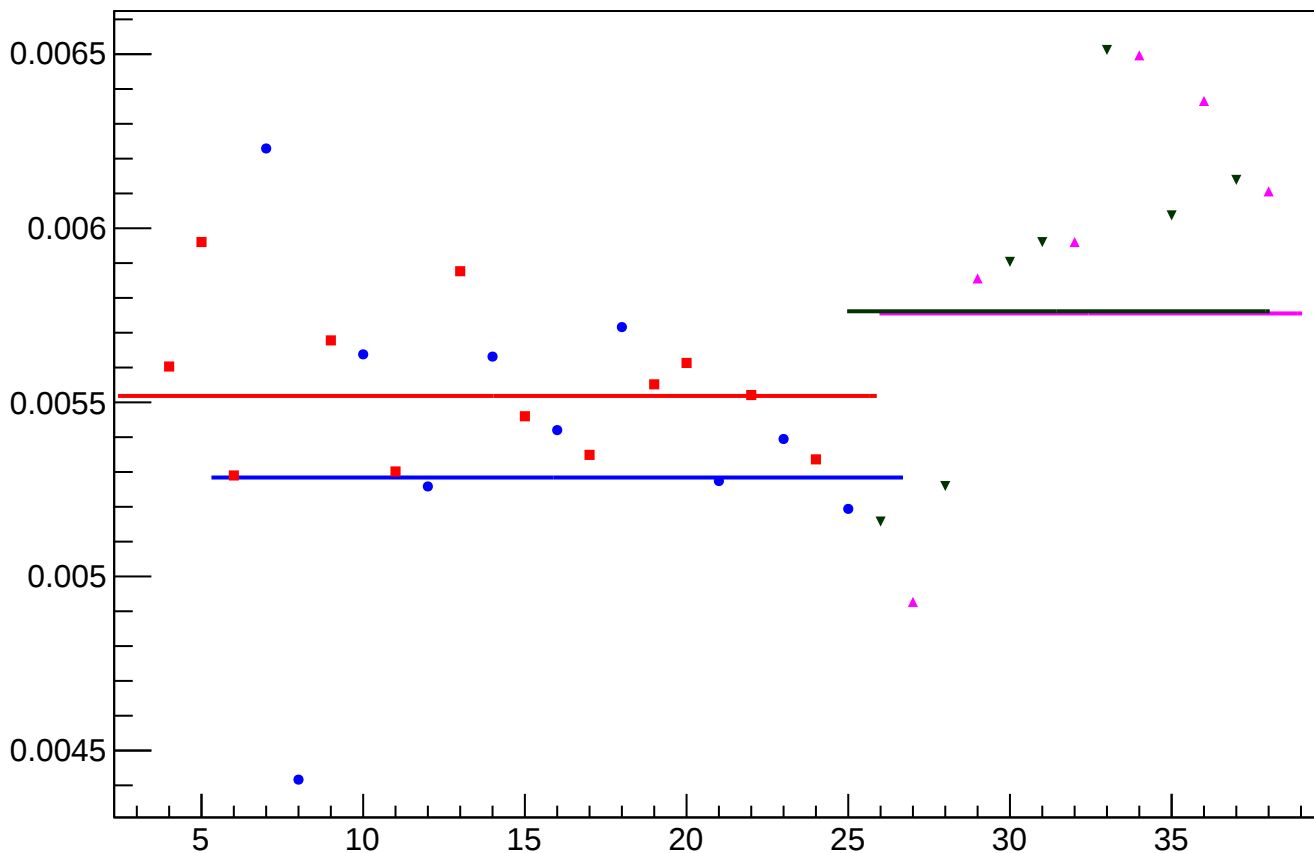
-0.015+/-0.000 χ^2/NDF : 29816386431.2/16

Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

0.019+/-0.000 χ^2/NDF : 25203445137.2/17

Left In: 0.353+/-0.000 χ^2/NDF : 582782161.3/5

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 : 44433.0/6

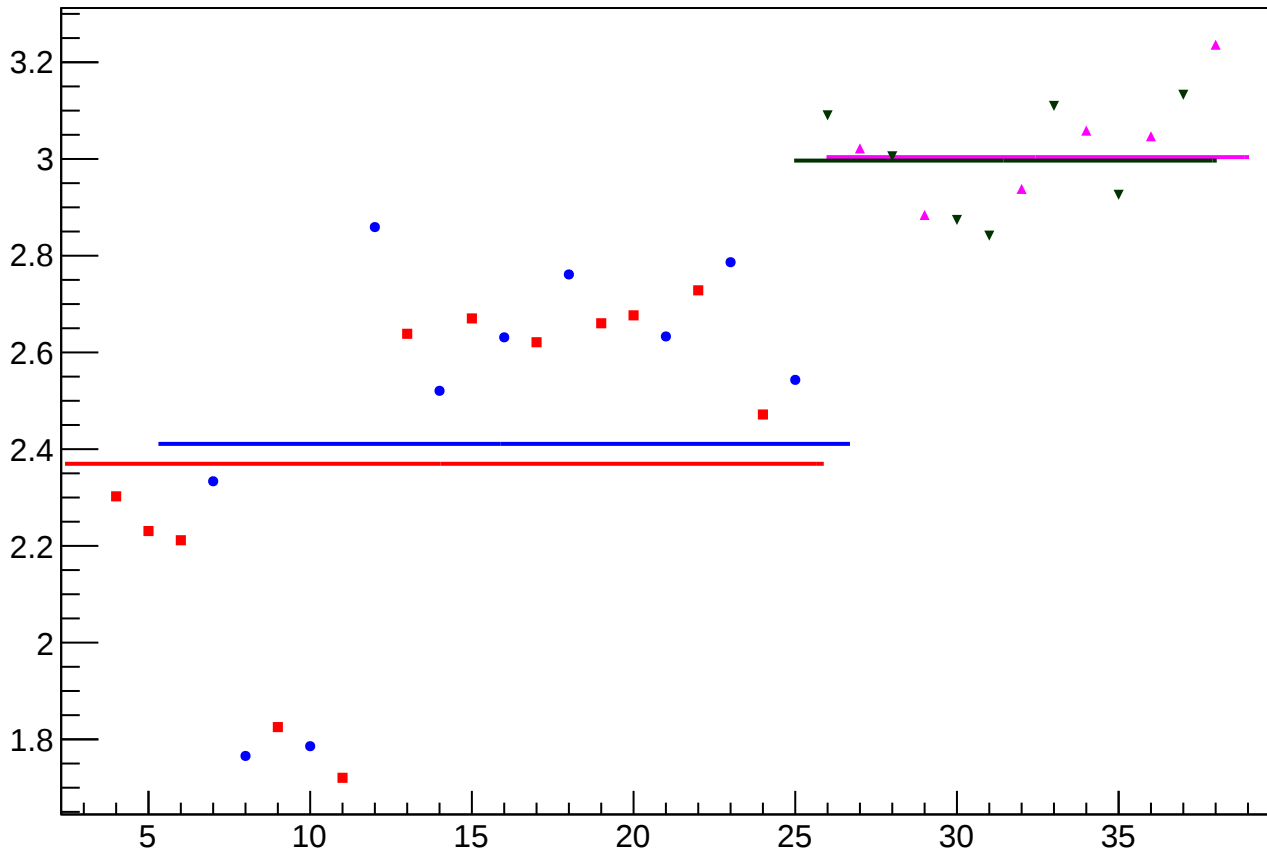
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.006+/-0.000 χ^2/NDF : 73154.8/5

0.005+/-0.000 χ^2/NDF : 177942.7/16

0.006+/-0.000 χ^2/NDF : 97392.0/17

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 2.997+/-0.000 χ^2/NDF : 428945068.0/6

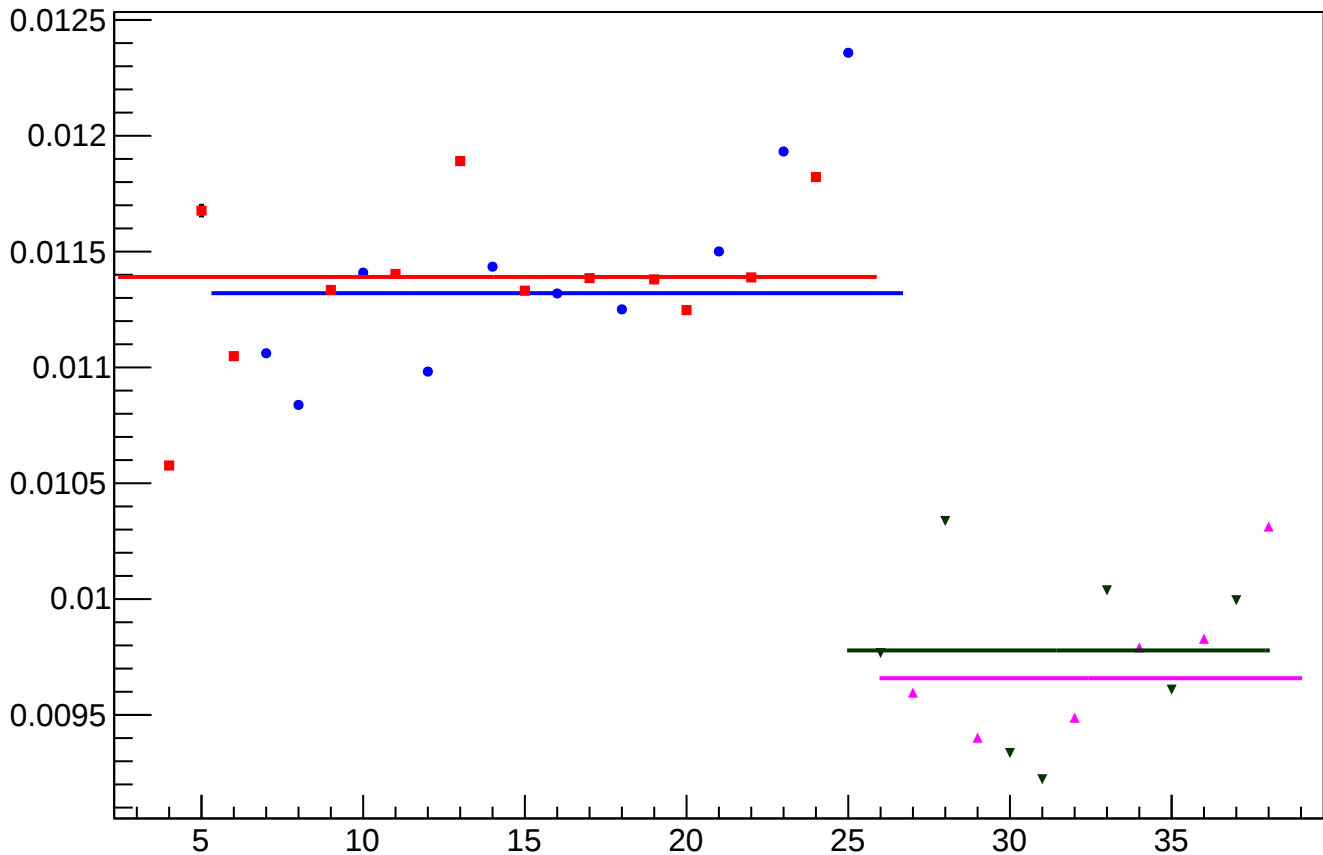
2.665+/-0.000 χ^2/NDF : 16065343979.6/16

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.672+/-0.000 χ^2/NDF : 15738323966.6/17

Left In: 3.004+/-0.000 χ^2/NDF : 464926898.3/5

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 : 10623.9/6

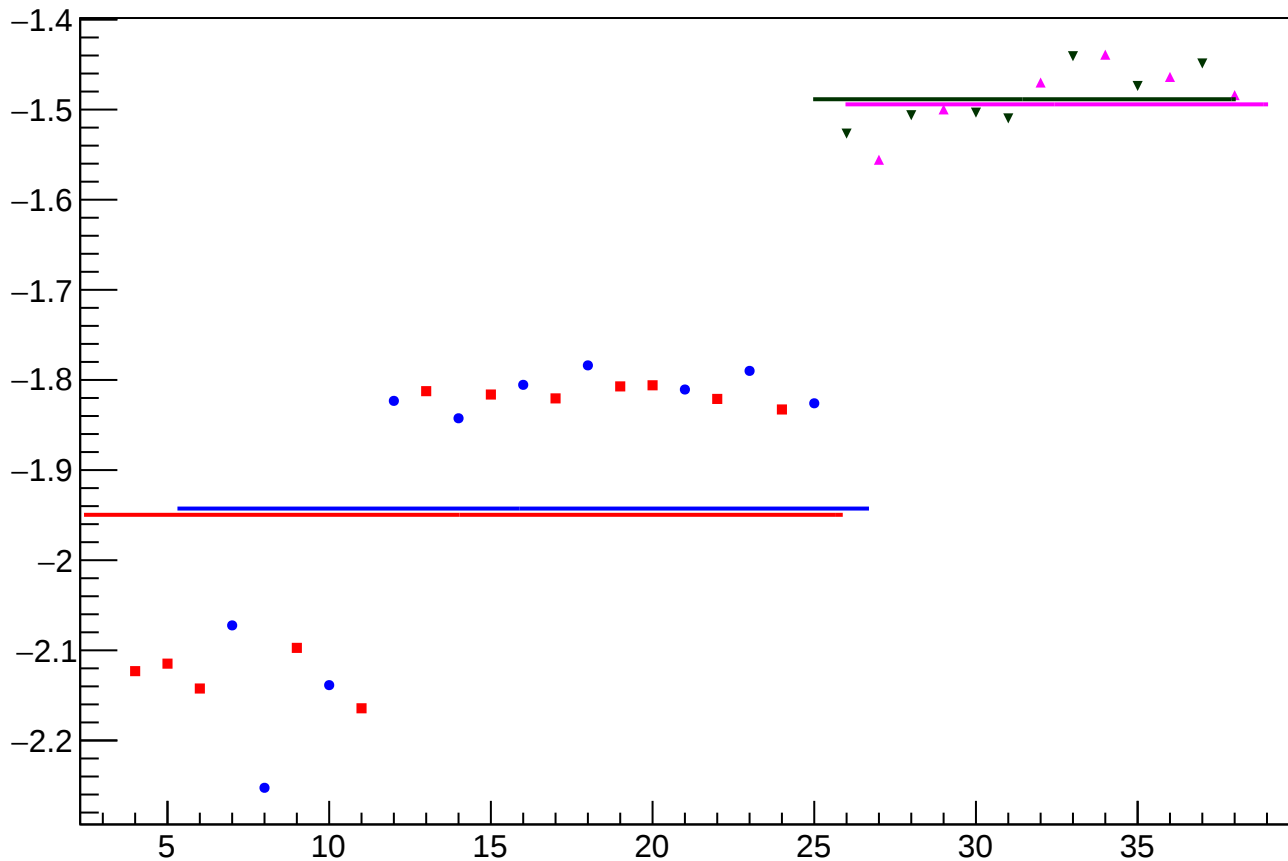
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.010+/-0.000 χ^2/NDF : 6462.9/5

0.011+/-0.000 χ^2/NDF : 124157.1/16

0.011+/-0.000 χ^2/NDF : 153152.3/17

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.950+/-0.000 χ^2/NDF : 109281568.4/6

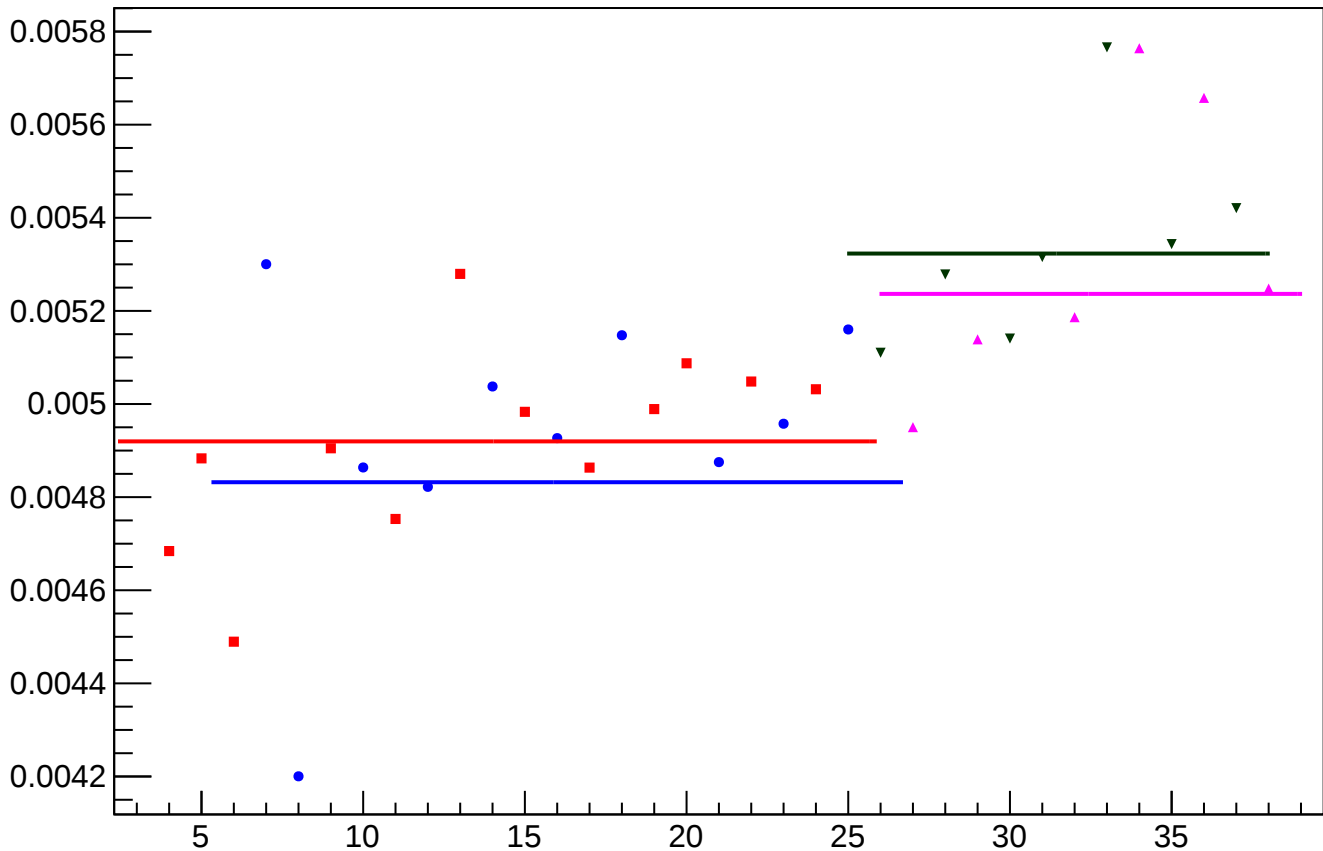
-1.800+/-0.000 χ^2/NDF : 26754516905.2/16

Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

-1.783+/-0.000 χ^2/NDF : 25592853481.9/17

Left In: -1.494+/-0.000 χ^2/NDF : 207618050.8/5

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 : 9258.2/6

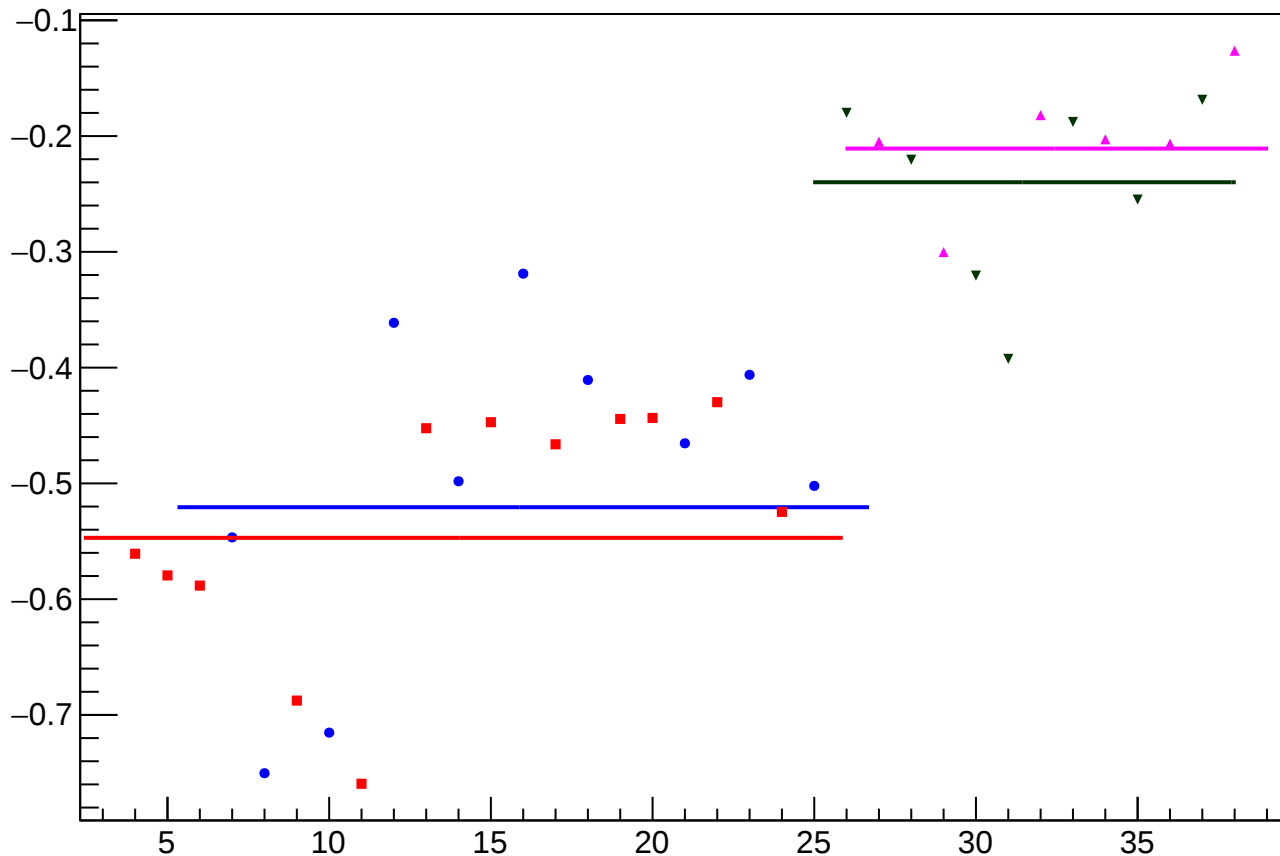
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 19823.3/5

0.005+/-0.000 χ^2/NDF : 105350.3/16

0.005+/-0.000 χ^2/NDF : 62243.7/17

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.240+/-0.000 χ^2/NDF : 84402549.2/6

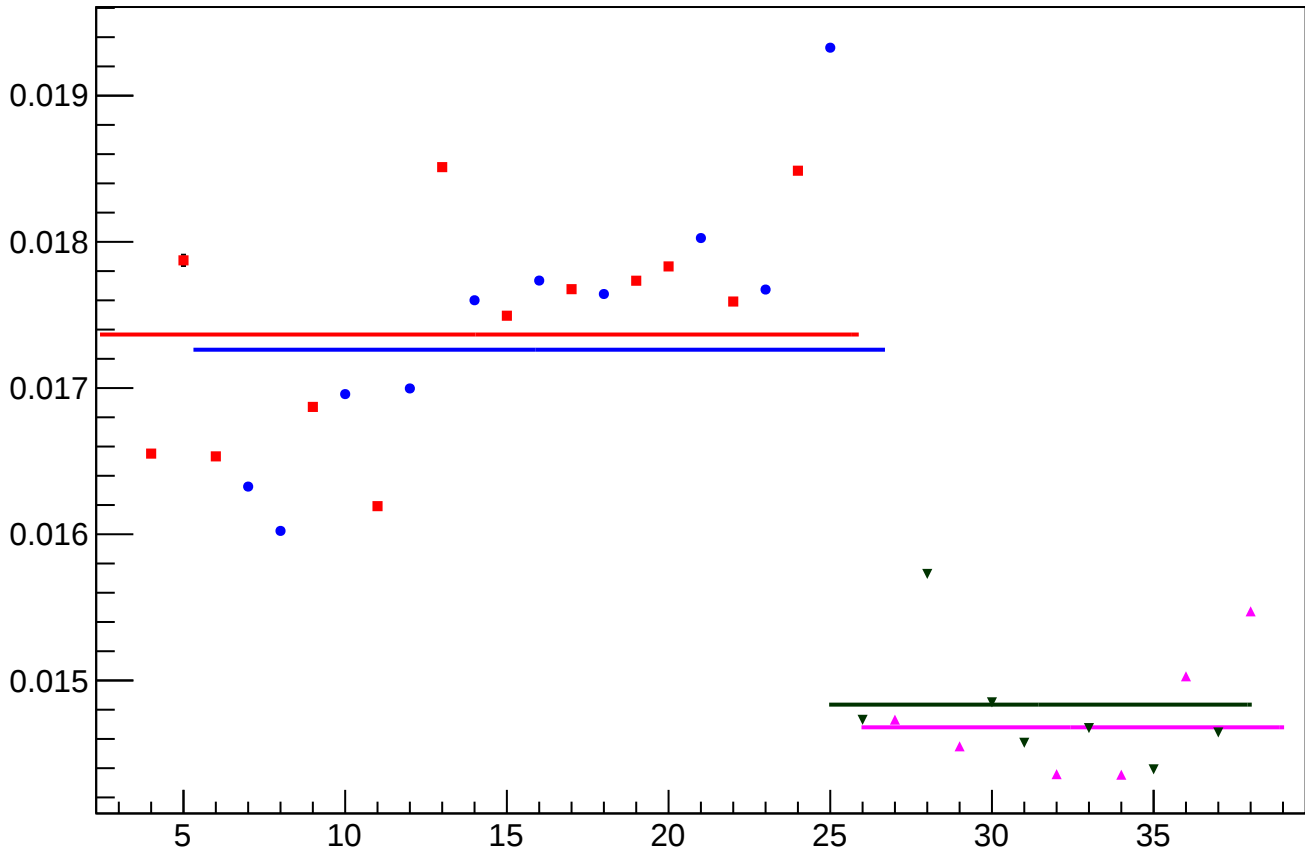
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.211+/-0.000 χ^2/NDF : 51138219.5/5

-0.397+/-0.000 χ^2/NDF : 1293309461.8/16

-0.385+/-0.000 χ^2/NDF : 1429605083.8/17

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 : 6213.5/6

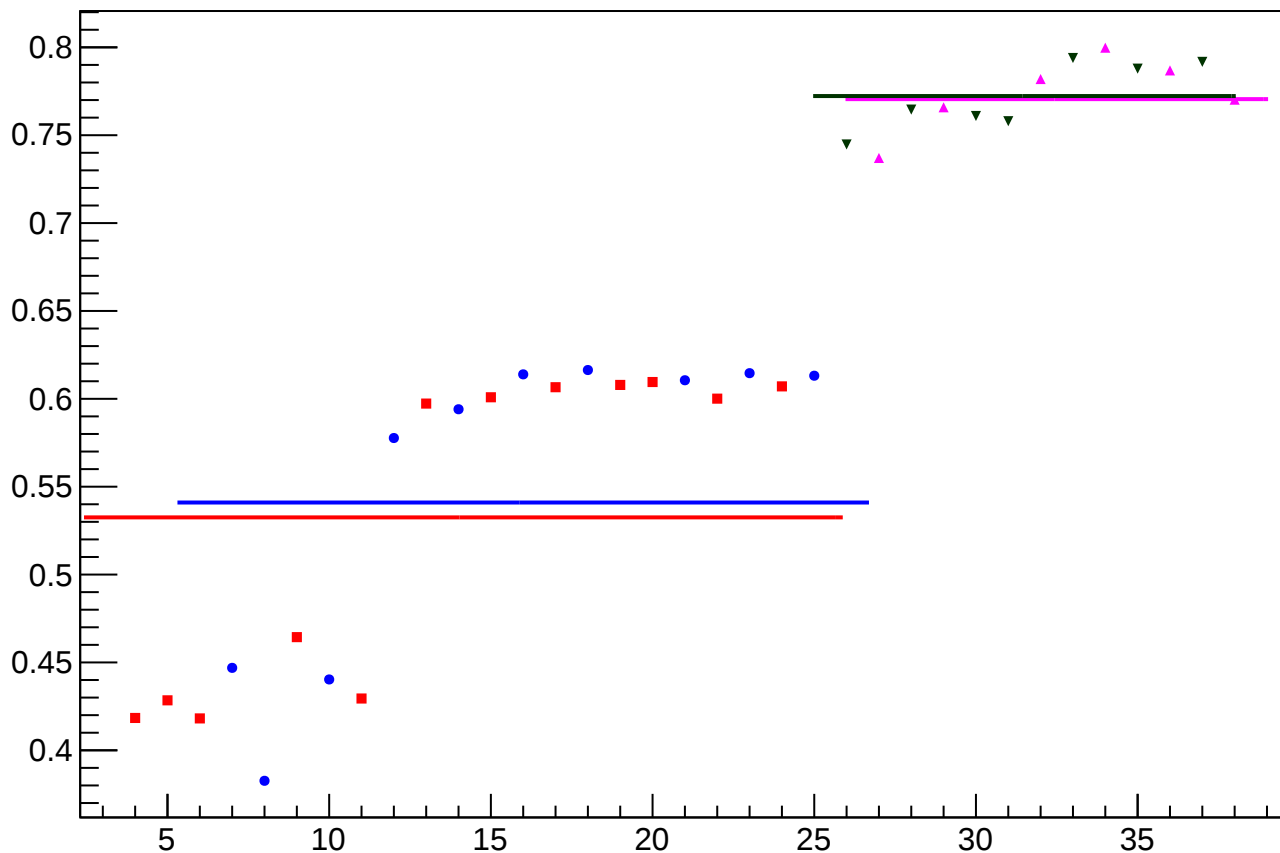
0.016+/-0.000 χ^2/NDF : 140356.7/16

Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

0.016+/-0.000 χ^2/NDF : 171565.3/17

Left In: 0.015+/-0.000 χ^2/NDF : 4770.2/5

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.772+/-0.000 χ^2/NDF : 102304661.2/6

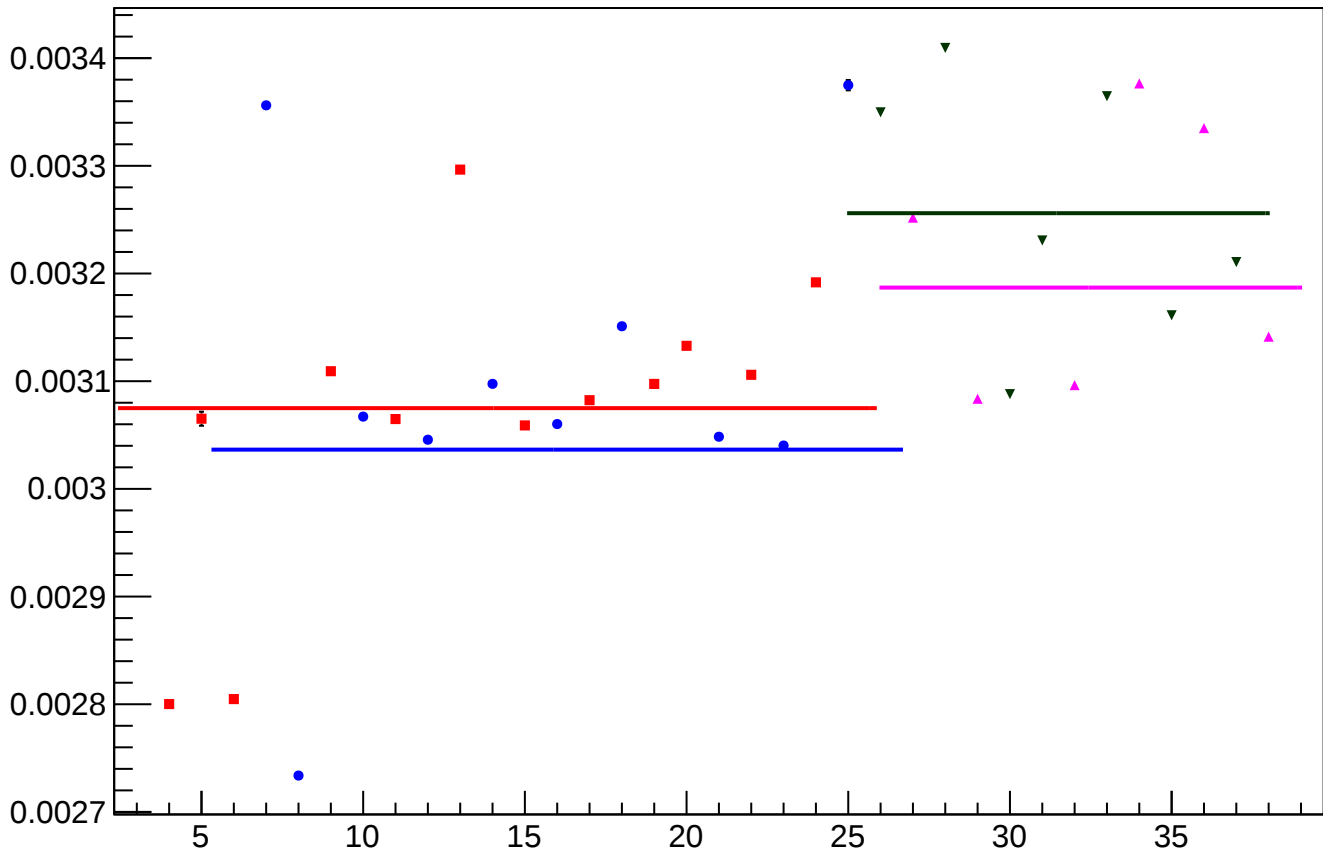
Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

Left In: 0.771+/-0.000 χ^2/NDF : 149695666.1/5

0.617+/-0.000 χ^2/NDF : 17954889321.4/16

0.623+/-0.000 χ^2/NDF : 18710670891.7/17

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 : 8691.2/6

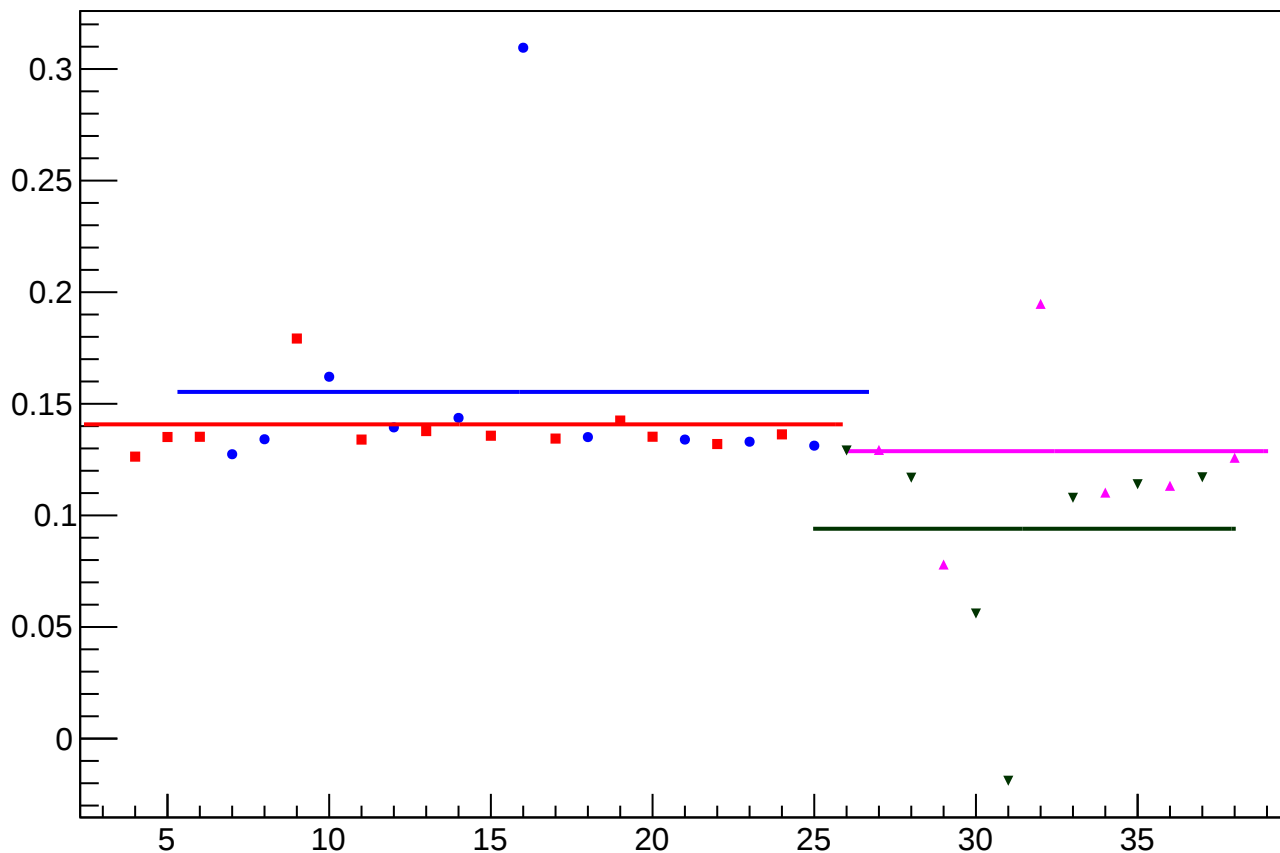
0.003+/-0.000 χ^2/NDF : 64162.9/16

Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

0.003+/-0.000 χ^2/NDF : 42602.5/17

Left In: 0.003+/-0.000 χ^2/NDF : 9277.3/5

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.094+/-0.000 χ^2/NDF : 37656920.8/6

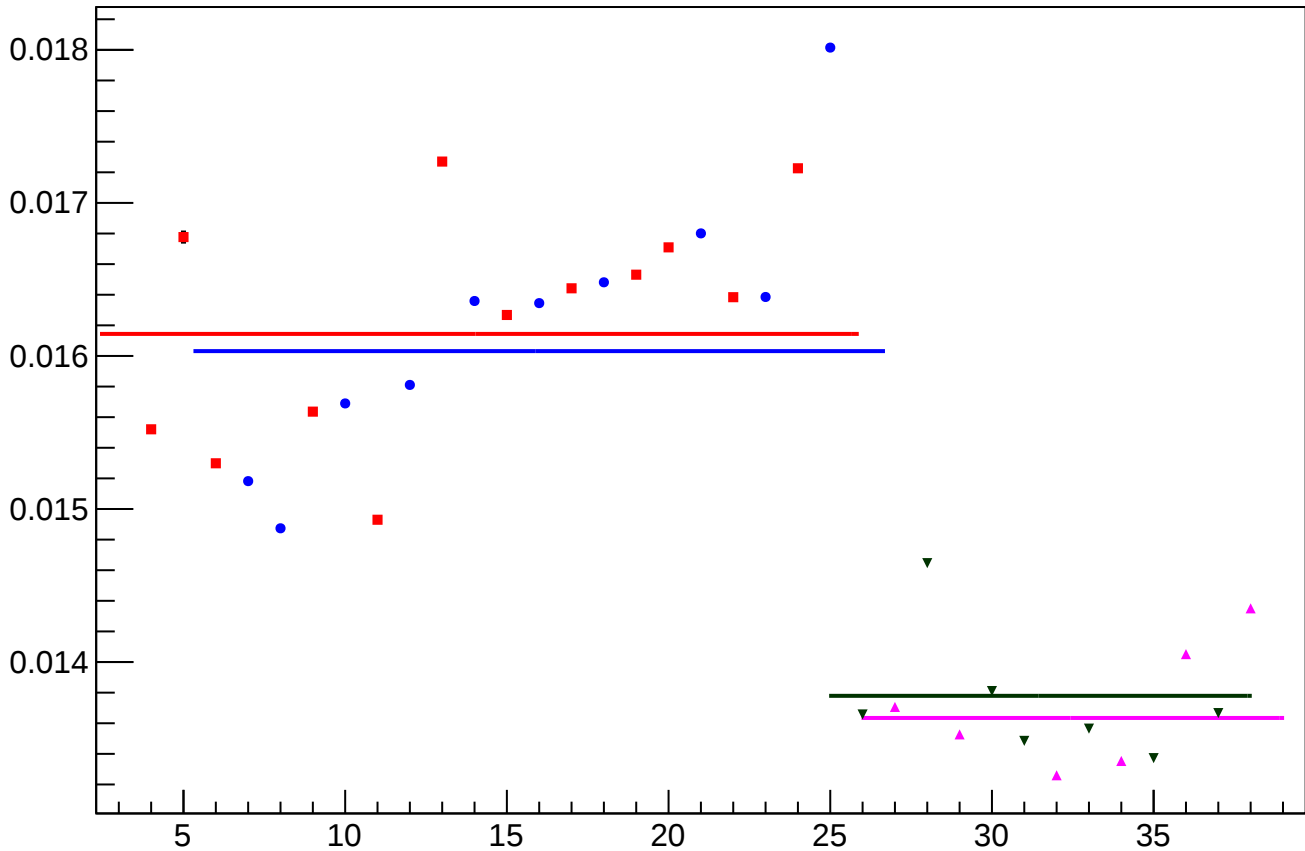
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.129+/-0.000 χ^2/NDF : 35222153.6/5

0.128+/-0.000 χ^2/NDF : 138820010.7/16

0.135+/-0.000 χ^2/NDF : 42320852.2/17

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 : 6768.5/6

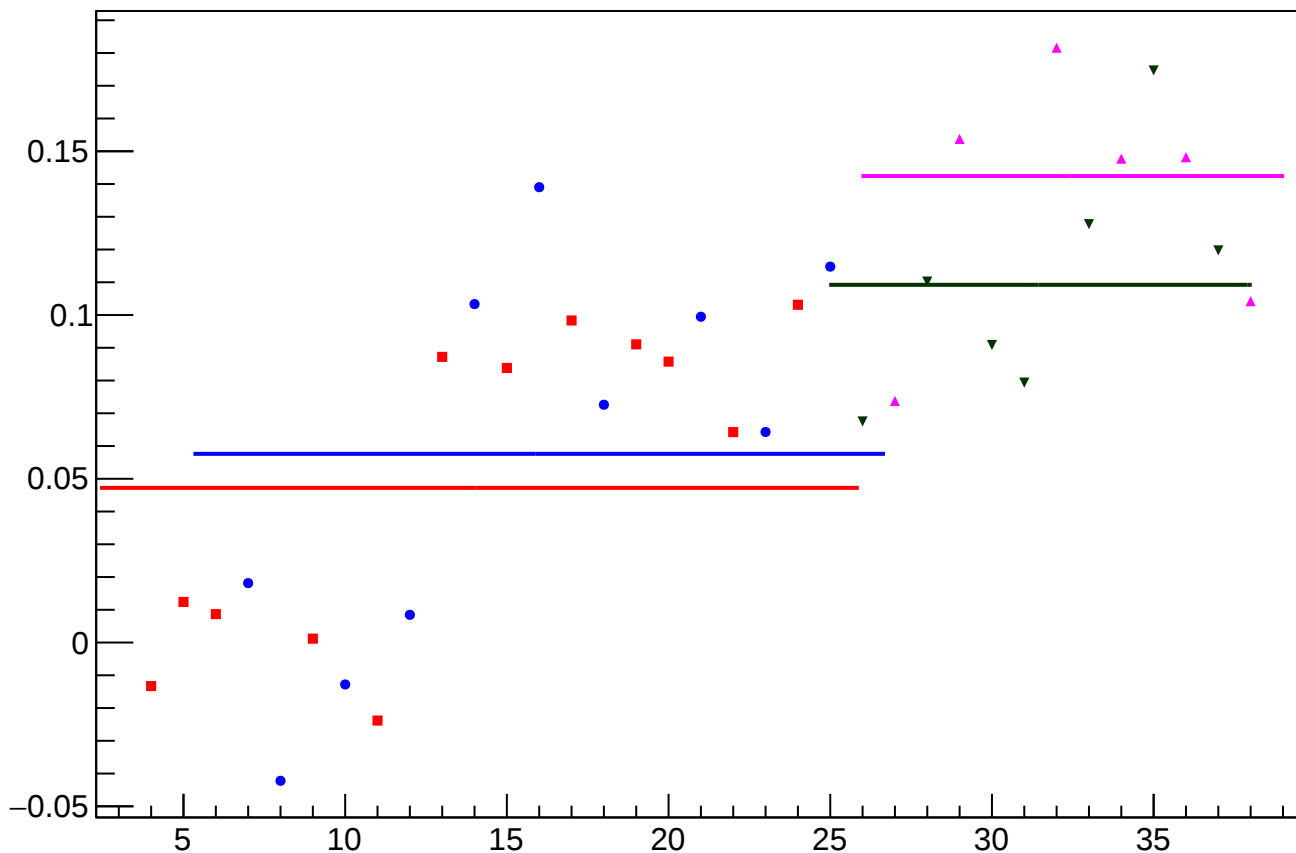
0.015+/-0.000 χ^2/NDF : 141529.1/16

Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

0.015+/-0.000 χ^2/NDF : 176861.9/17

Left In: 0.014+/-0.000 χ^2/NDF : 5421.5/5

yield_bpm0l08Y_mean vs slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 2106835310.3/9

Left Out: 0.109 $\pm$ 0.000 χ^2 /NDF:322552929.4/6

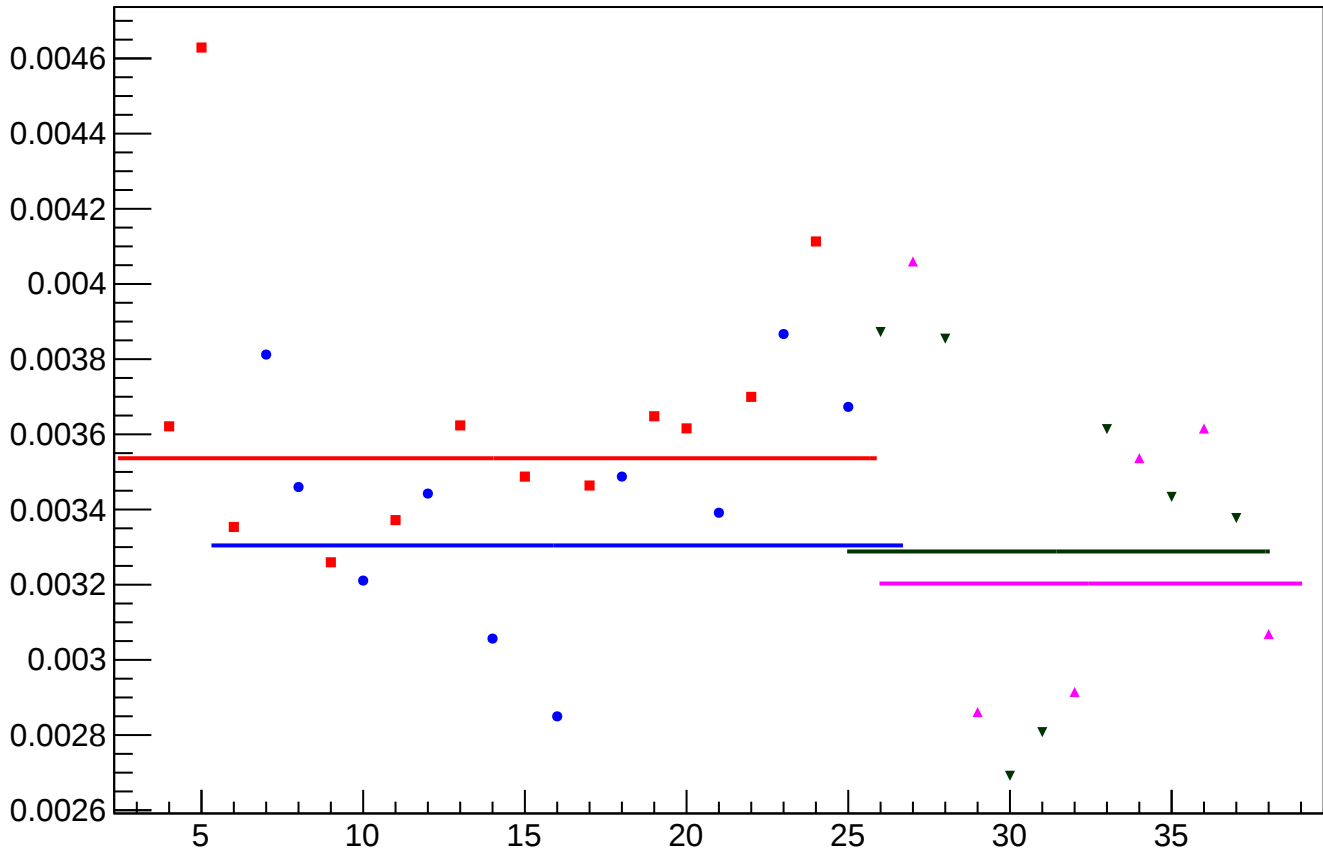
Right Out: 0.047 $\pm$ 0.000 χ^2 /NDF: 1076949152.4/11

Left In: 0.142 $\pm$ 0.000 χ^2 /NDF:483703527.0/5

0.076 $\pm$ 0.000 χ^2 /NDF: 2967200549.4/16

0.090 $\pm$ 0.000 χ^2 /NDF: 3472895363.0/17

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 :131147.3/6

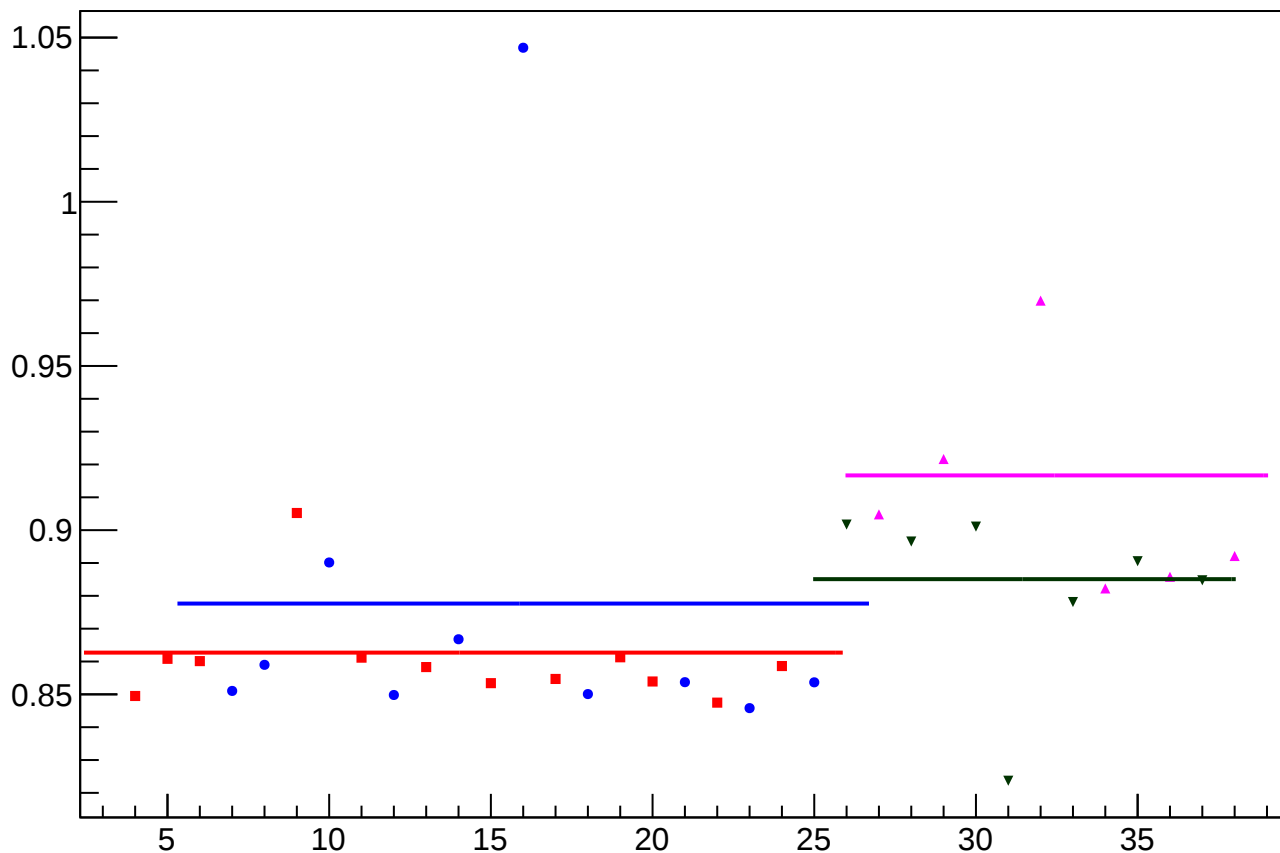
0.003+/-0.000 χ^2/NDF : 220154.4/16

Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

0.003+/-0.000 χ^2/NDF : 237670.7/17

Left In: 0.003+/-0.000 χ^2/NDF :136714.8/5

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.885+/-0.000 χ^2/NDF : 9999318.8/6

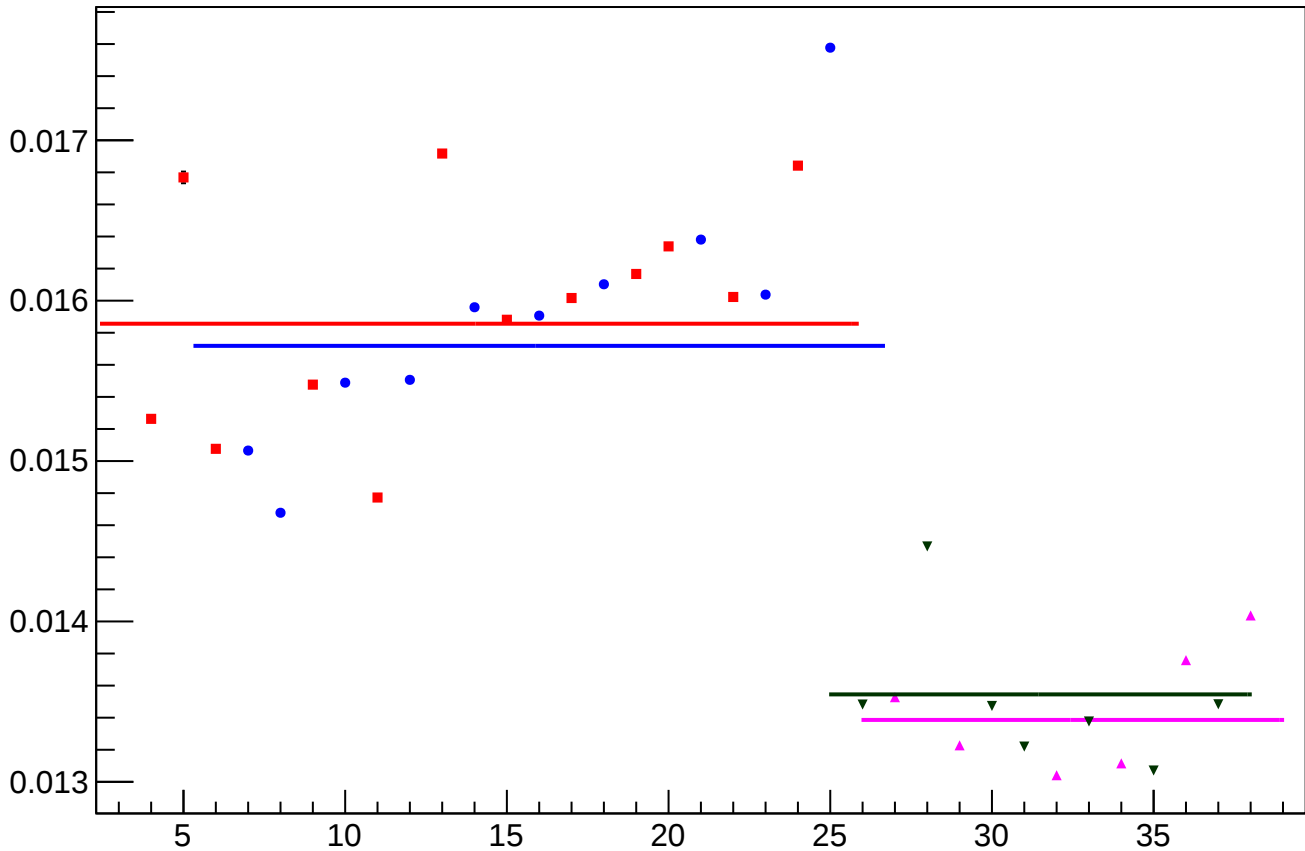
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.917+/-0.000 χ^2/NDF : 22849369.3/5

0.881+/-0.000 χ^2/NDF : 89182775.2/16

0.889+/-0.000 χ^2/NDF : 63957185.5/17

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 : 7864.0/6

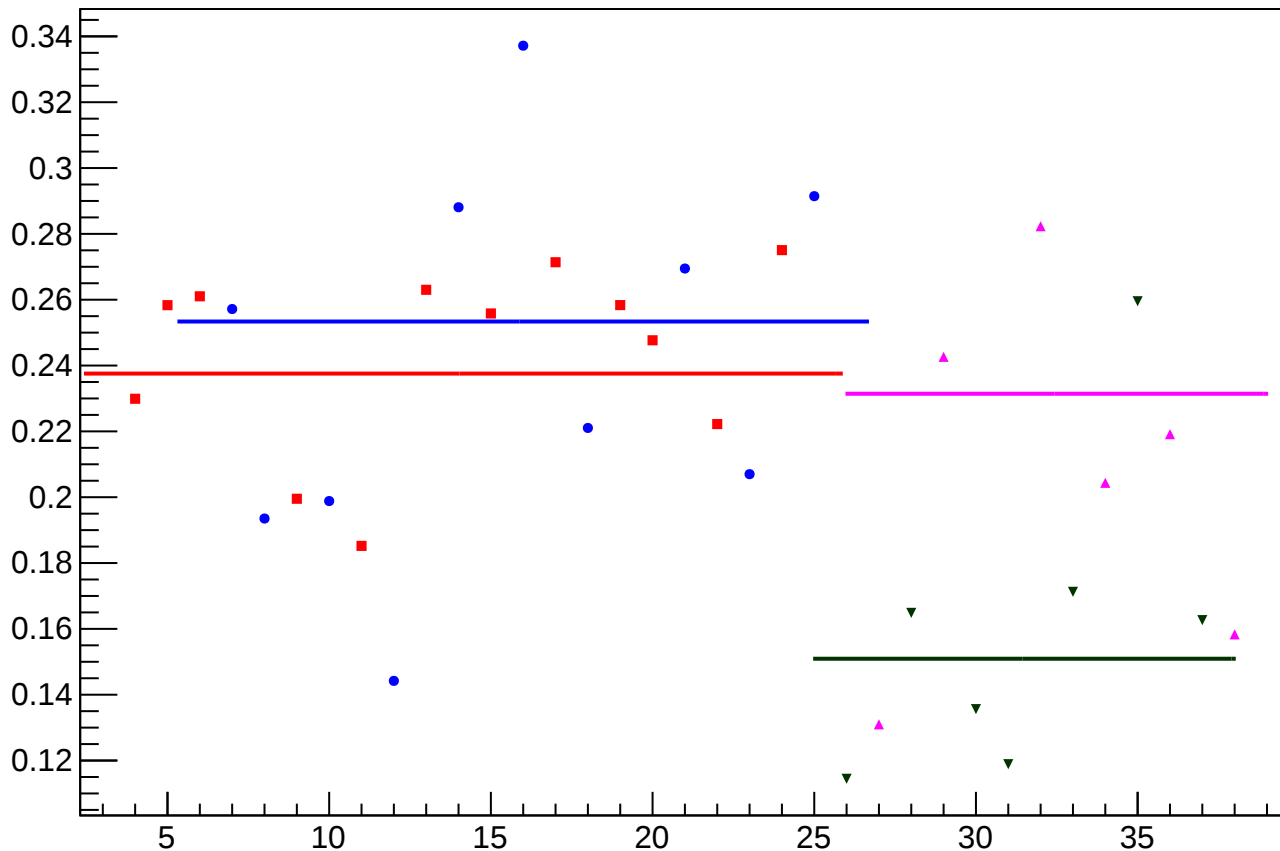
0.015+/-0.000 χ^2/NDF : 133754.2/16

Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

0.015+/-0.000 χ^2/NDF : 172675.6/17

Left In: 0.013+/-0.000 χ^2/NDF : 5014.9/5

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.151+/-0.000 χ^2/NDF : 465174469.2/6

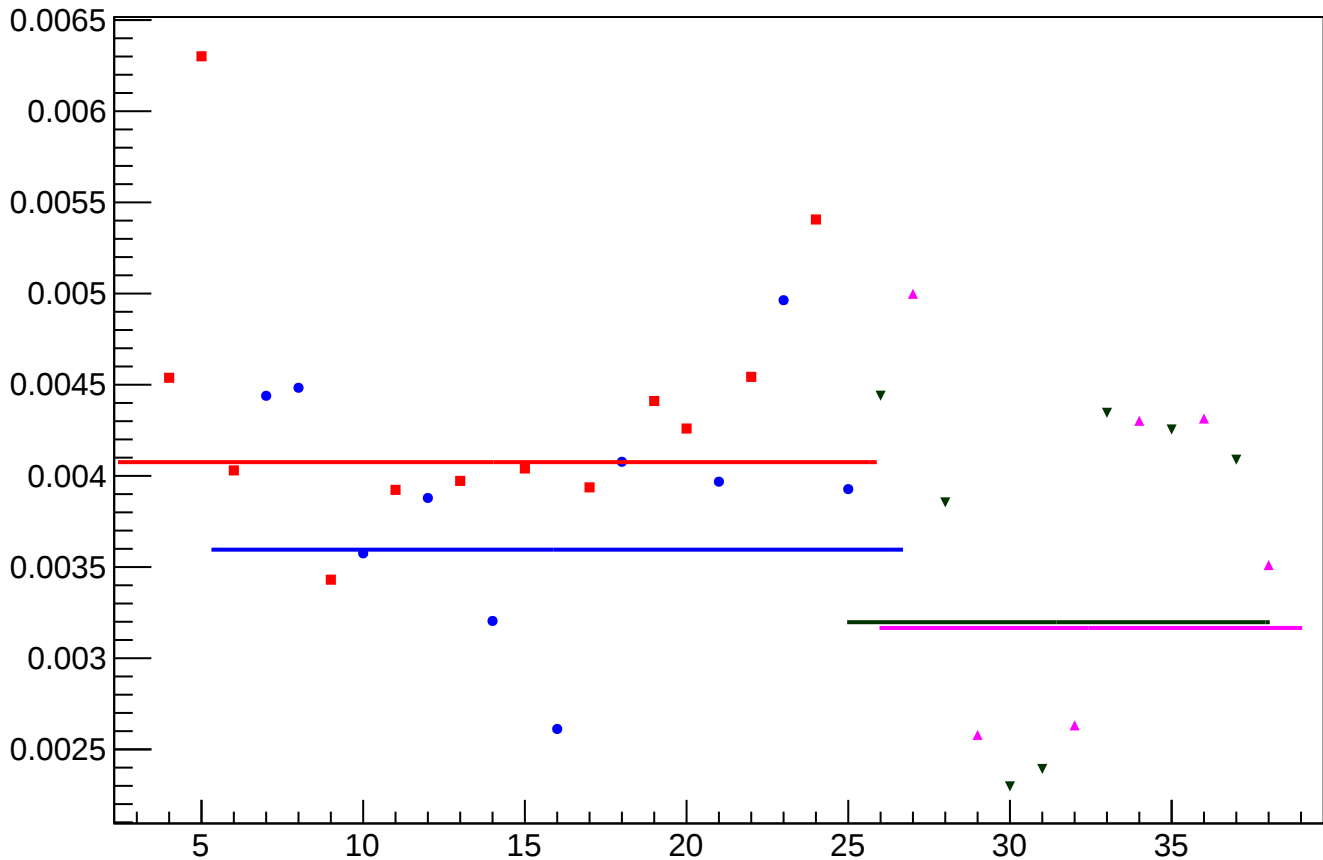
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.231+/-0.000 χ^2/NDF : 875821995.2/5

0.212+/-0.000 χ^2/NDF : 3987952469.9/16

0.234+/-0.000 χ^2/NDF : 1220983562.2/17

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 : 520183.1/6

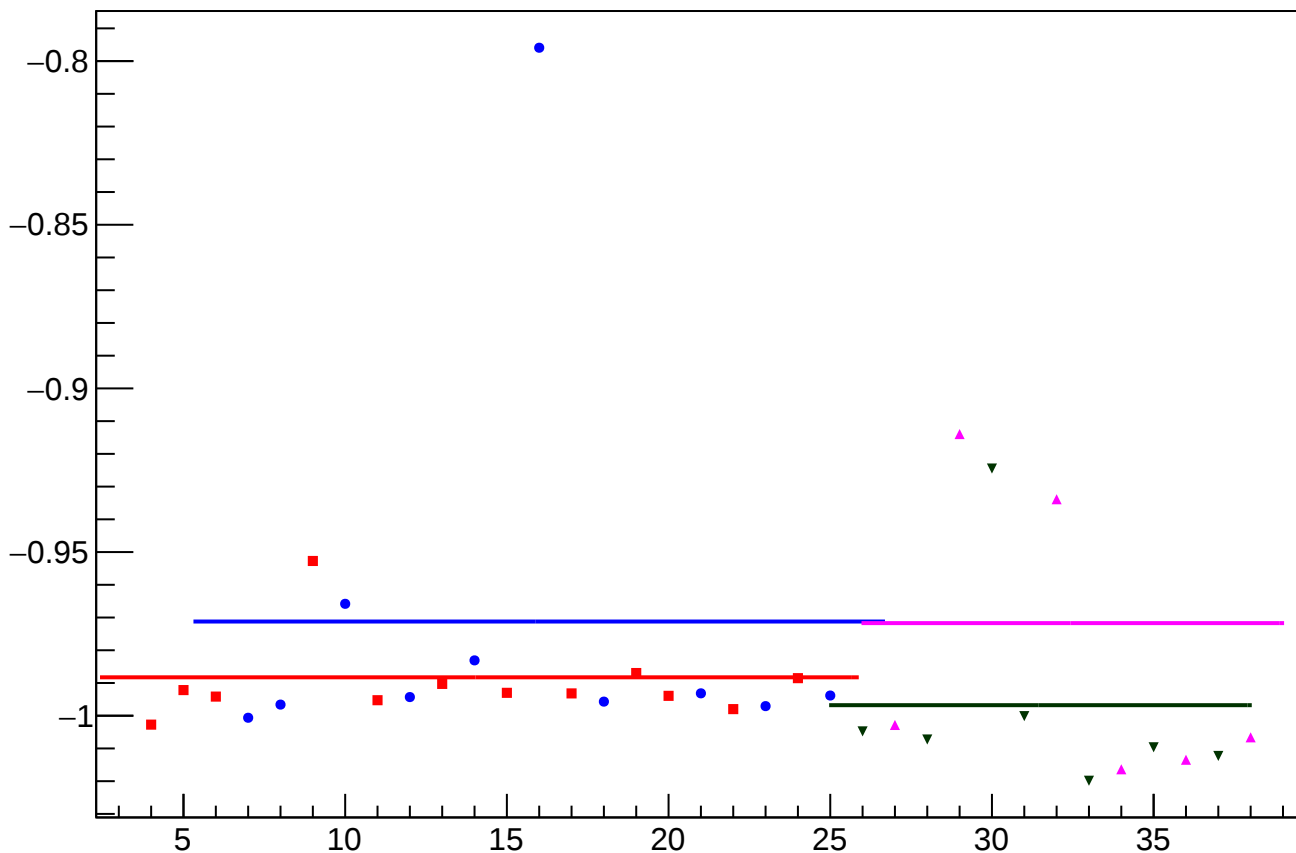
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 503381.3/5

0.003+/-0.000 χ^2/NDF : 968651.7/16

0.004+/-0.000 χ^2/NDF : 956273.8/17

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -0.997+/-0.000 χ^2/NDF : 20002121.4/6

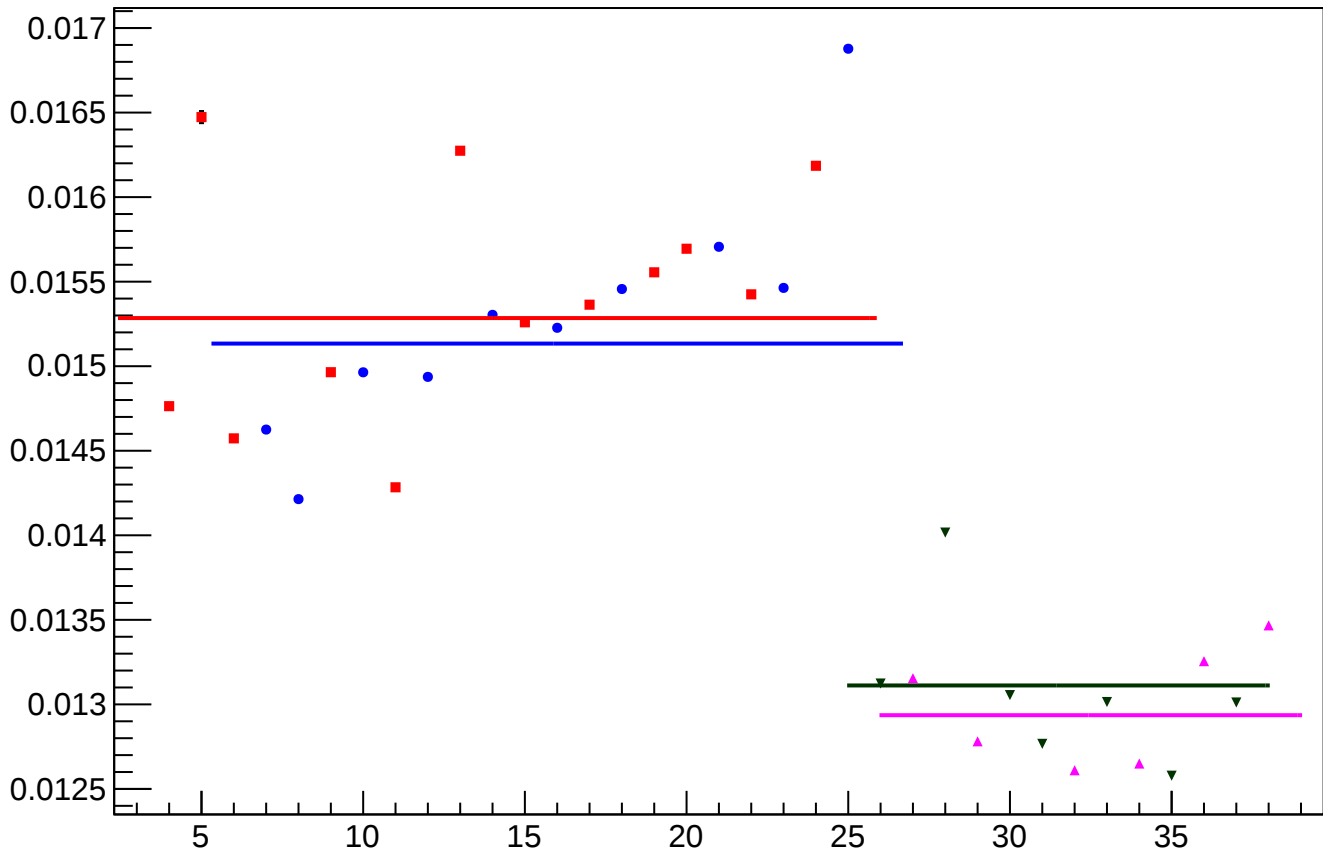
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.972+/-0.000 χ^2/NDF : 44326649.3/5

-0.982+/-0.000 χ^2/NDF : 117744820.9/16

-0.980+/-0.000 χ^2/NDF : 52971615.1/17

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 : 8445.8/6

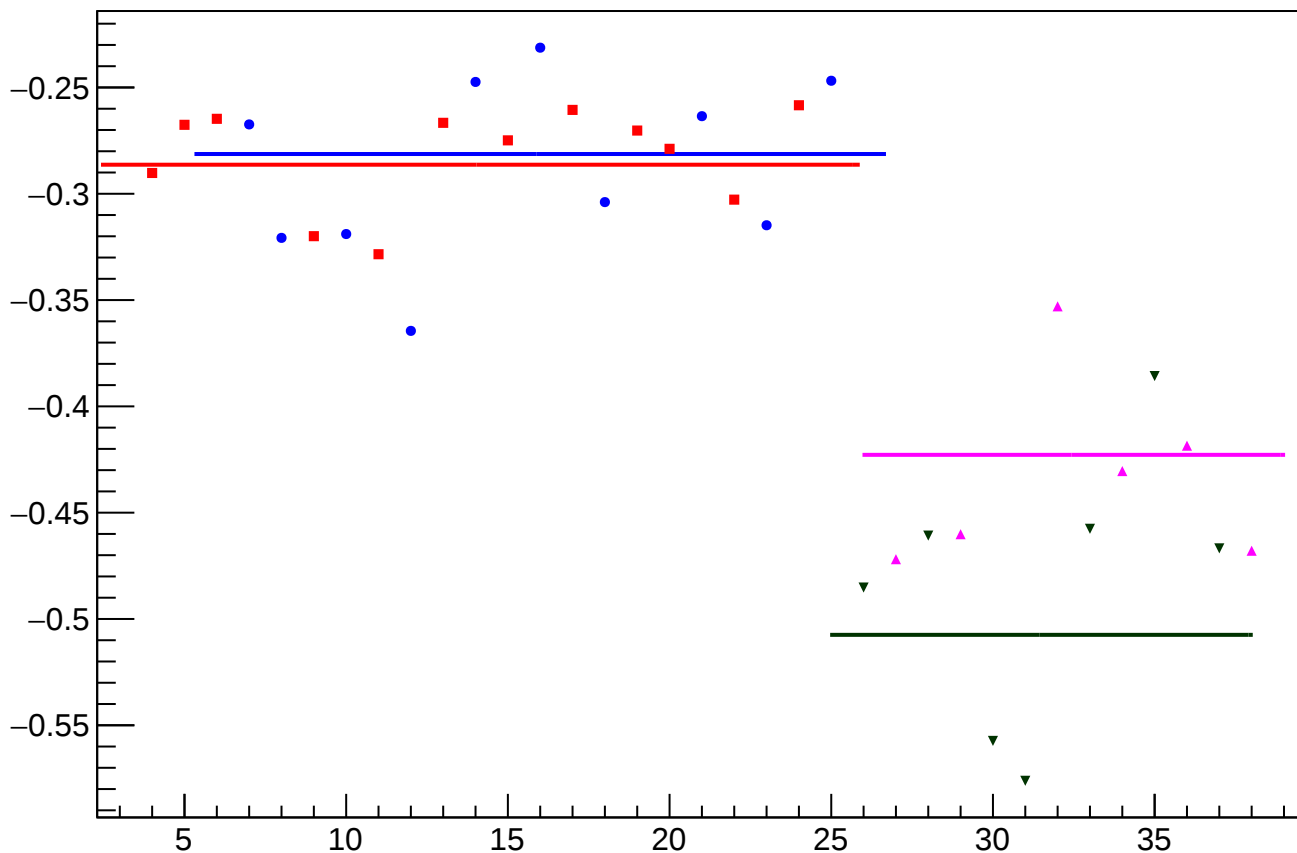
0.014+/-0.000 χ^2/NDF : 123413.4/16

Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

0.014+/-0.000 χ^2/NDF : 165769.2/17

Left In: 0.013+/-0.000 χ^2/NDF : 4559.4/5

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.507+/-0.000 χ^2/NDF :1346237106.2/6

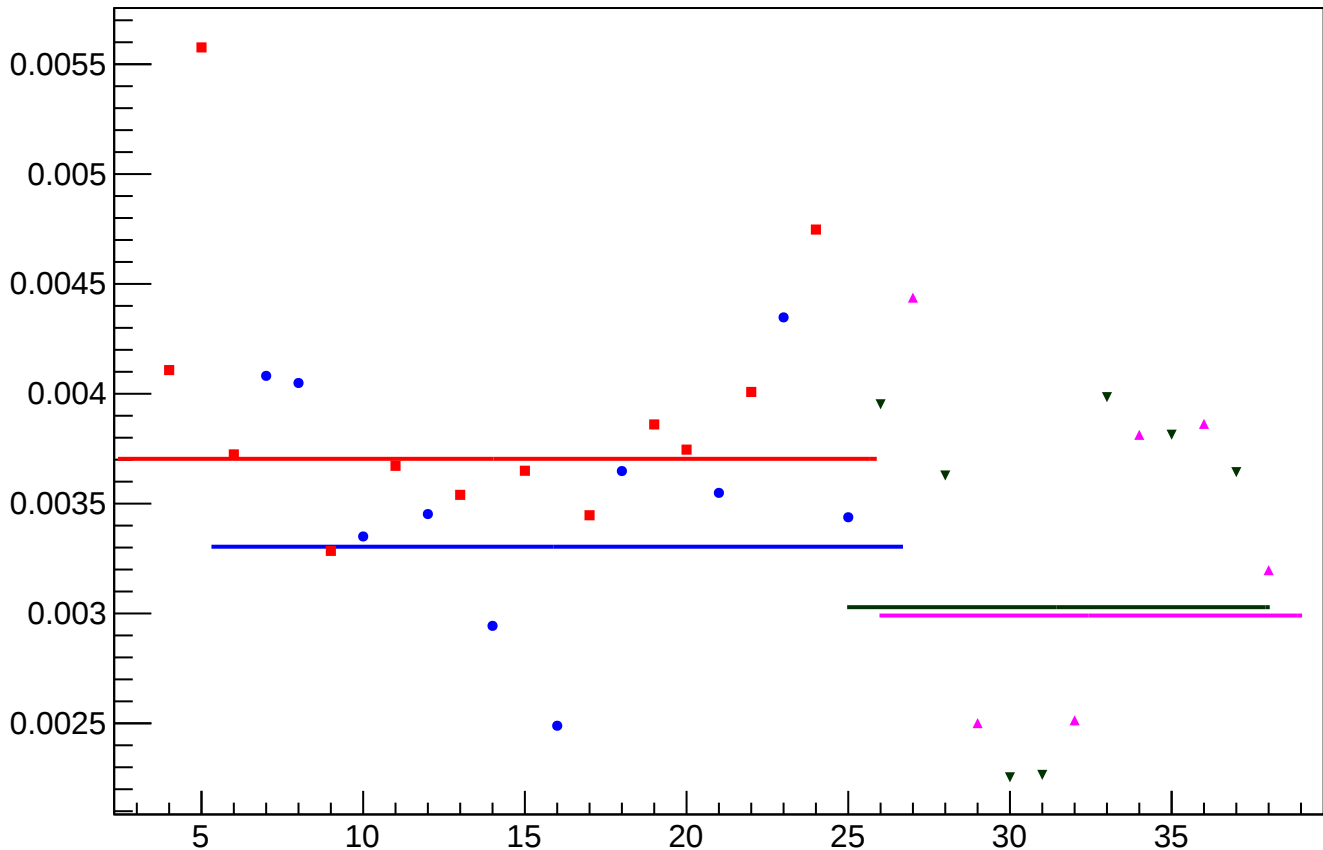
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.423+/-0.000 χ^2/NDF :1004132951.5/5

-0.370+/-0.000 χ^2/NDF : 13192144002.3/16

-0.353+/-0.000 χ^2/NDF : 5135420187.7/17

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 : 412903.7/6

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF : 385727.2/5

0.003+/-0.000 χ^2/NDF : 752806.9/16

0.003+/-0.000 χ^2/NDF : 715933.3/17