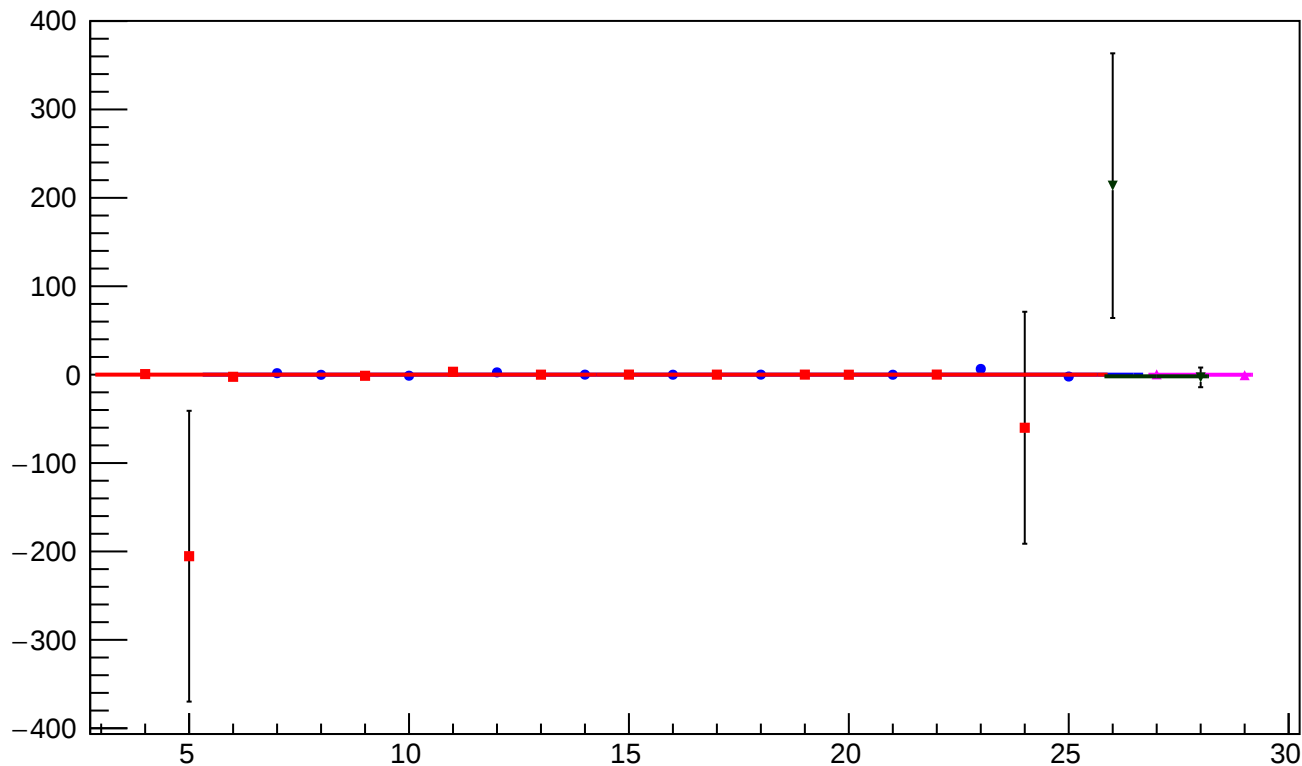


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

$\chi^2/\text{NDF}: 18.0/9$

Left Out: -1.896 ± 11.101

$\chi^2/\text{NDF}: 2.1/1$

Right Out: 0.017 ± 0.016

$\chi^2/\text{NDF}: 19.3/11$

Left In: -0.104 ± 0.171

$\chi^2/\text{NDF}: 8.0/1$

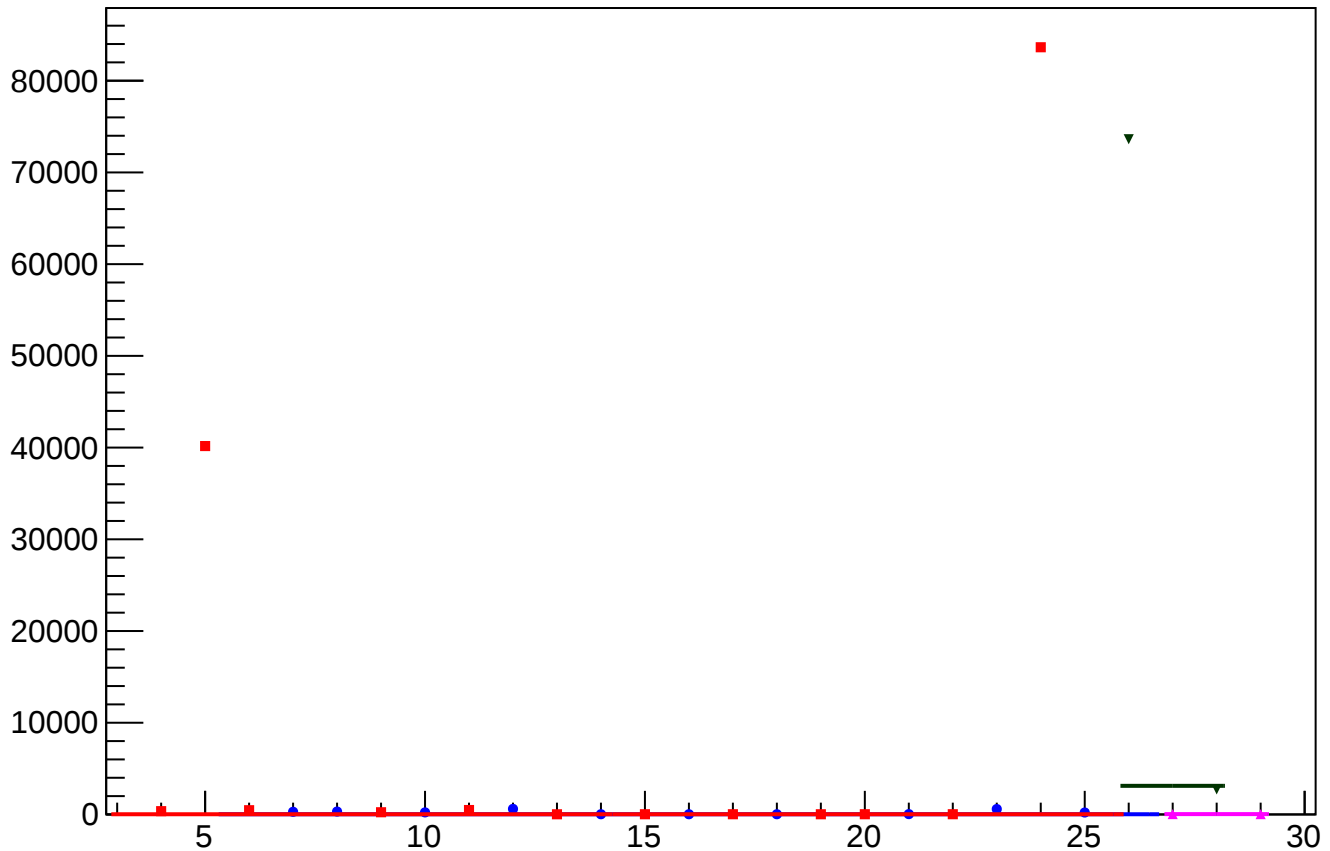
-0.014 ± 0.014

$\chi^2/\text{NDF}: 20.1/11$

0.016 ± 0.016

$\chi^2/\text{NDF}: 27.8/13$

diff_cav4bX_rms vs slug



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

Left Out: 3120.553+/-7.849 χ^2 /NDF: 446010.9/1

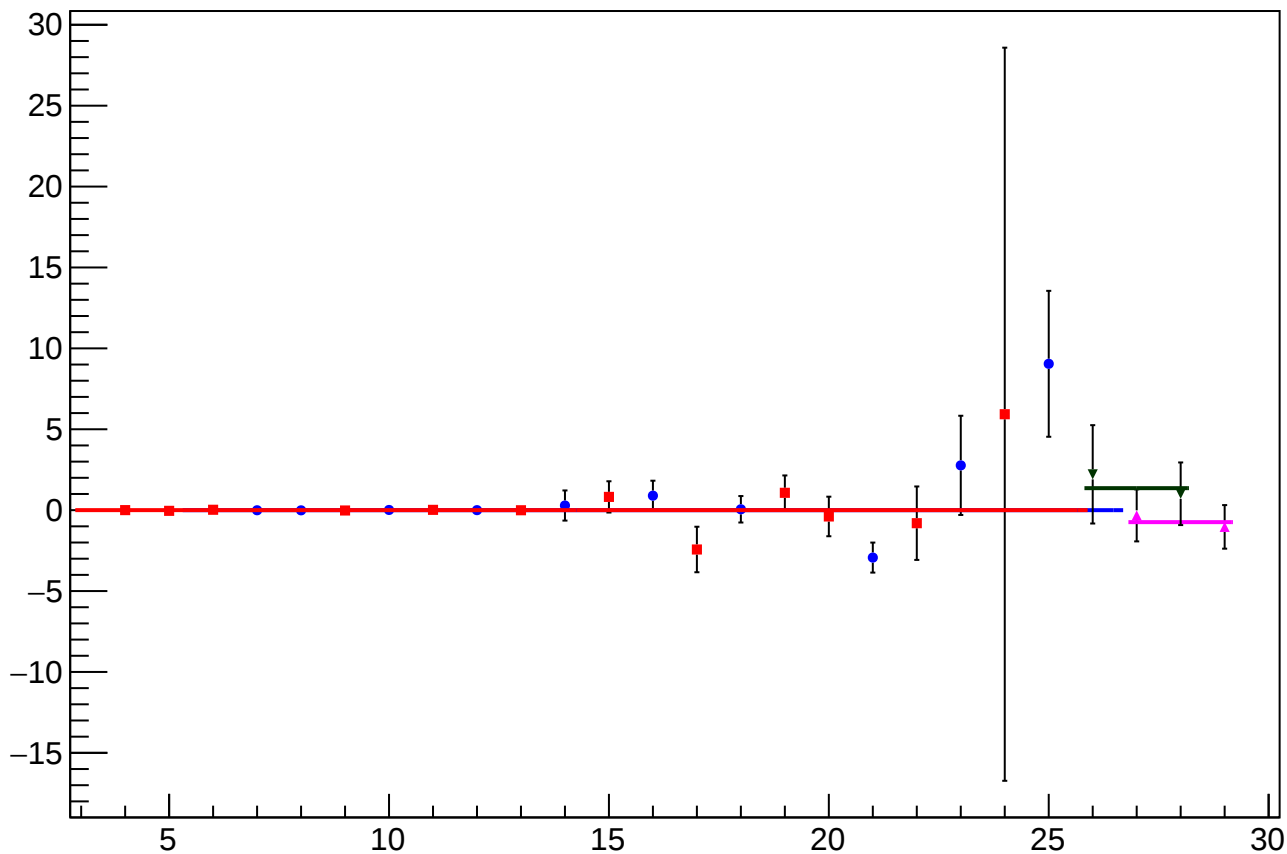
22.404+/-0.010 χ^2 /NDF: 1372291.4/11

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

22.709+/-0.011 χ^2 /NDF: 1426343.7/13

Left In: 37.845+/-0.121 χ^2 /NDF: 615.5/1

diff_cav4bY_mean vs slug



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

Left Out: 1.360+/-1.632 χ^2/NDF : 0.1/1

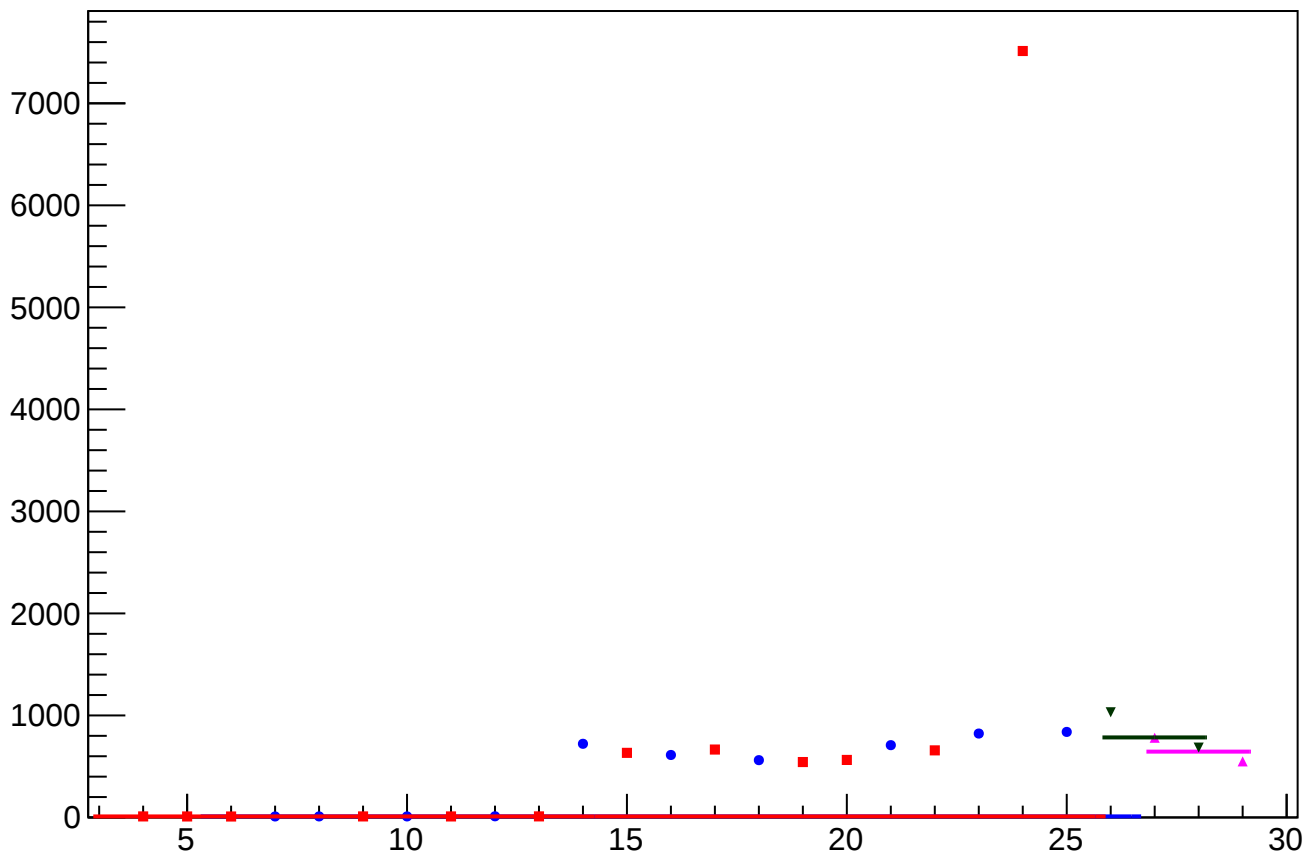
Right Out: 0.002+/-0.005 χ^2/NDF : 17.0/11

Left In: -0.740+/-1.032 χ^2/NDF : 0.1/1

-0.001+/-0.006 χ^2/NDF : 19.0/11

0.002+/-0.005 χ^2/NDF : 17.6/13

diff_cav4bY_rms vs slug



Right In: 10.490 ± 0.005 $\chi^2/\text{NDF}: 4277929.6/9$

Left Out: 784.463 ± 1.154 $\chi^2/\text{NDF}: 18465.8/1$

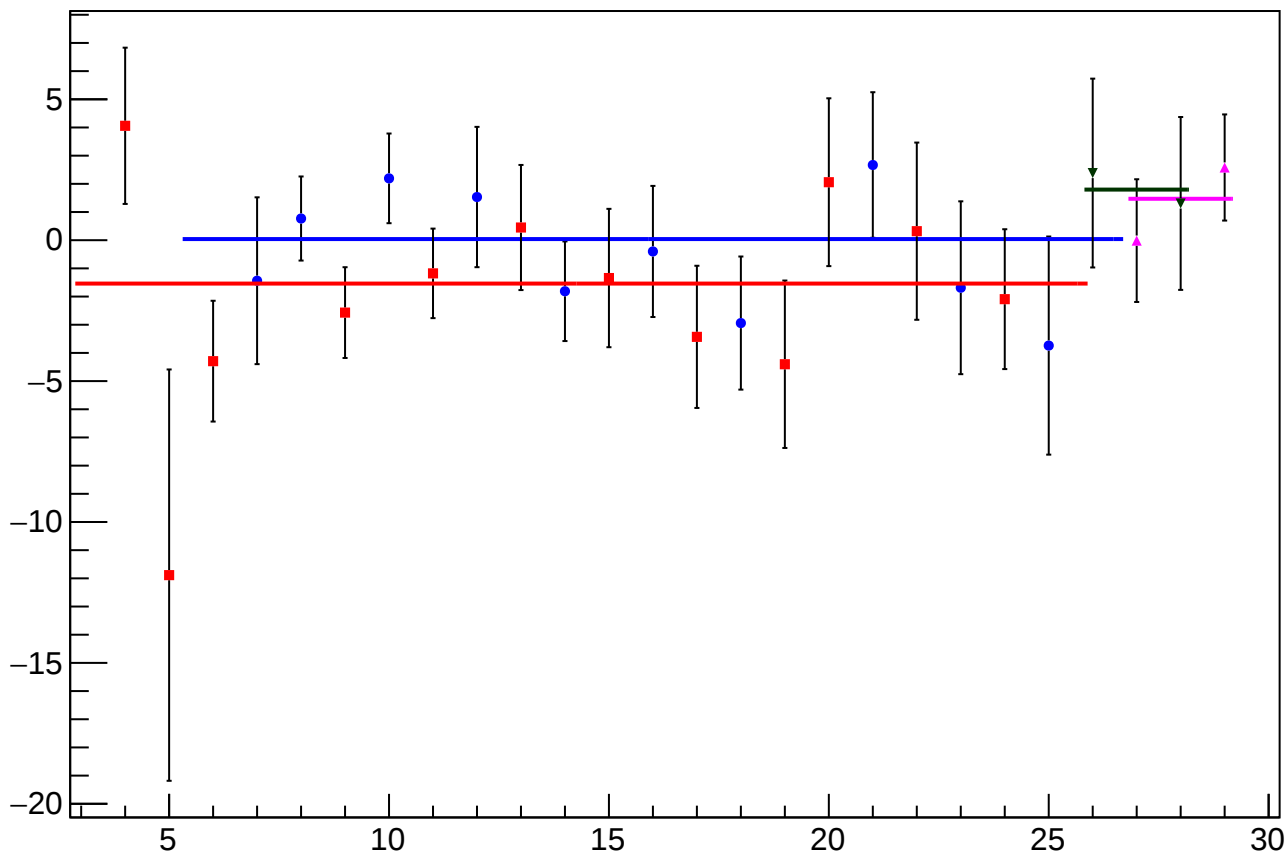
Right Out: 10.074 ± 0.004 $\chi^2/\text{NDF}: 2563210.4/11$

Left In: 645.260 ± 0.730 $\chi^2/\text{NDF}: 24396.3/1$

10.502 ± 0.005 $\chi^2/\text{NDF}: 4745965.5/11$

10.092 ± 0.004 $\chi^2/\text{NDF}: 3344595.7/13$

diff_cav4cX_mean vs slug



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

Left Out: 1.796 $\pm$ 2.262 χ^2 /NDF: 0.1/1

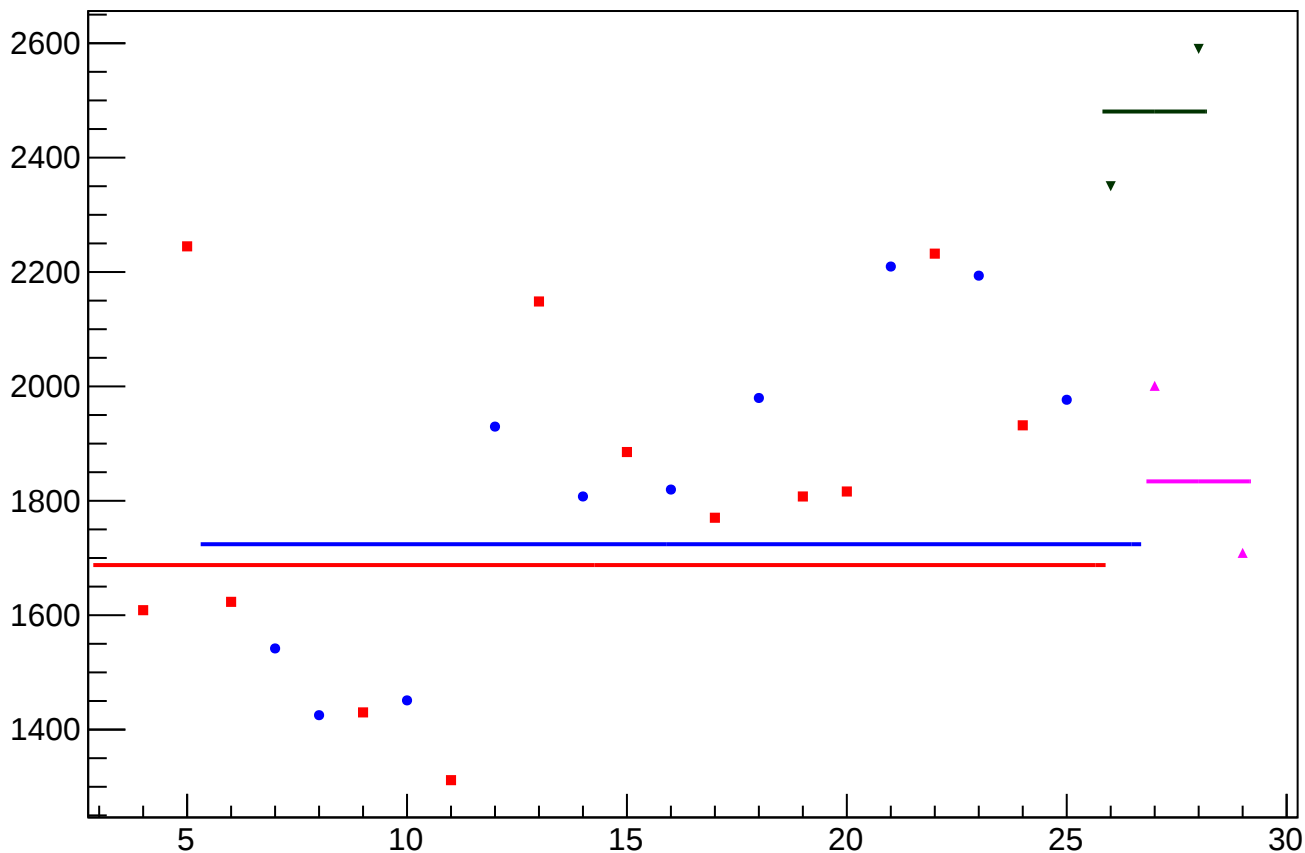
Right Out: -1.539 $\pm$ 0.680 χ^2 /NDF: 12.4/11

Left In: 1.470 $\pm$ 1.425 χ^2 /NDF: 0.8/1

0.188 $\pm$ 0.656 χ^2 /NDF: 8.3/11

-0.981 $\pm$ 0.614 χ^2 /NDF: 16.8/13

diff_cav4cX_rms vs slug



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

Left Out: 2480.612+/-1.600 χ^2/NDF : 5586.7/1

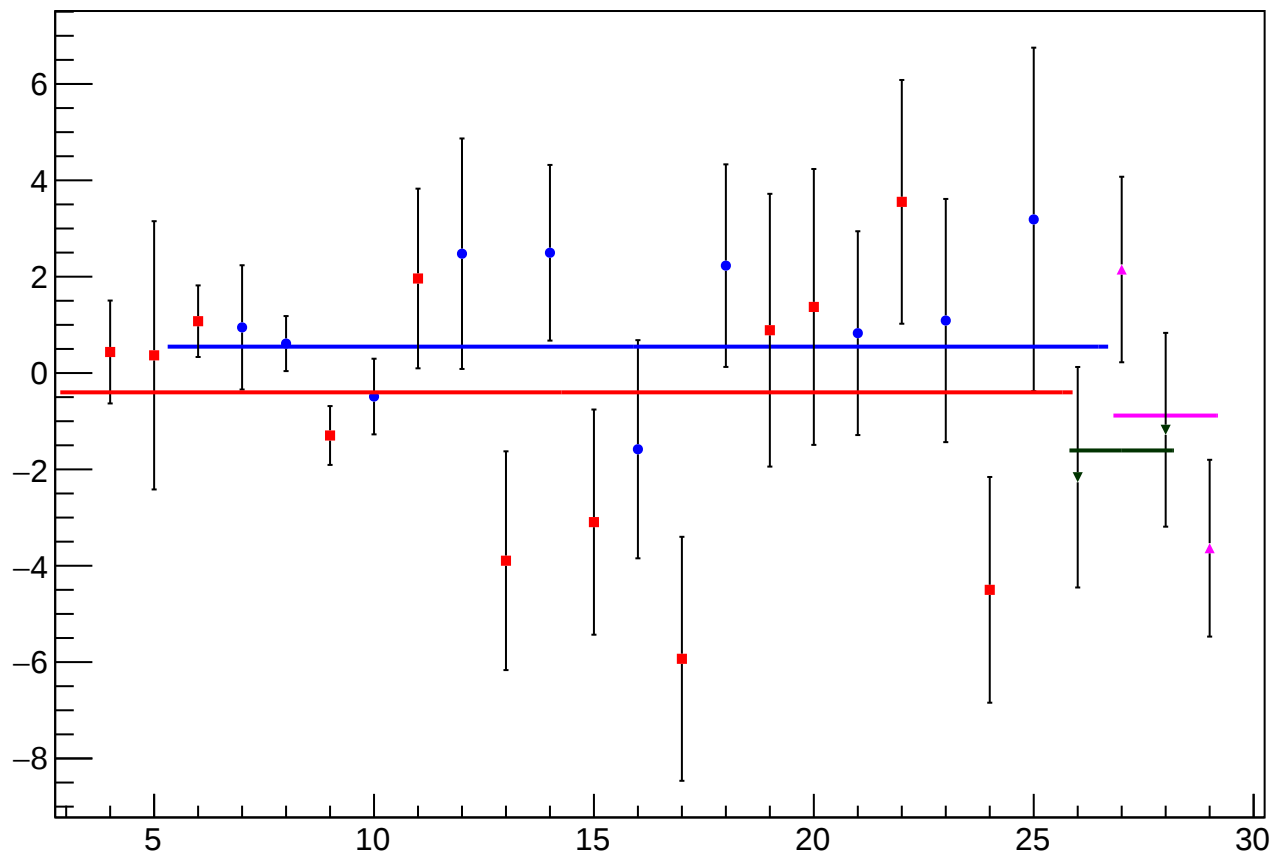
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

Left In: 1833.960+/-1.007 χ^2/NDF : 20579.1/1

1787.753+/-0.464 χ^2/NDF : 528121.0/11

1714.785+/-0.434 χ^2/NDF : 403767.7/13

diff_cav4cY_mean vs slug



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

Left Out: -1.607 ± 1.511 χ^2/NDF : 0.1/1

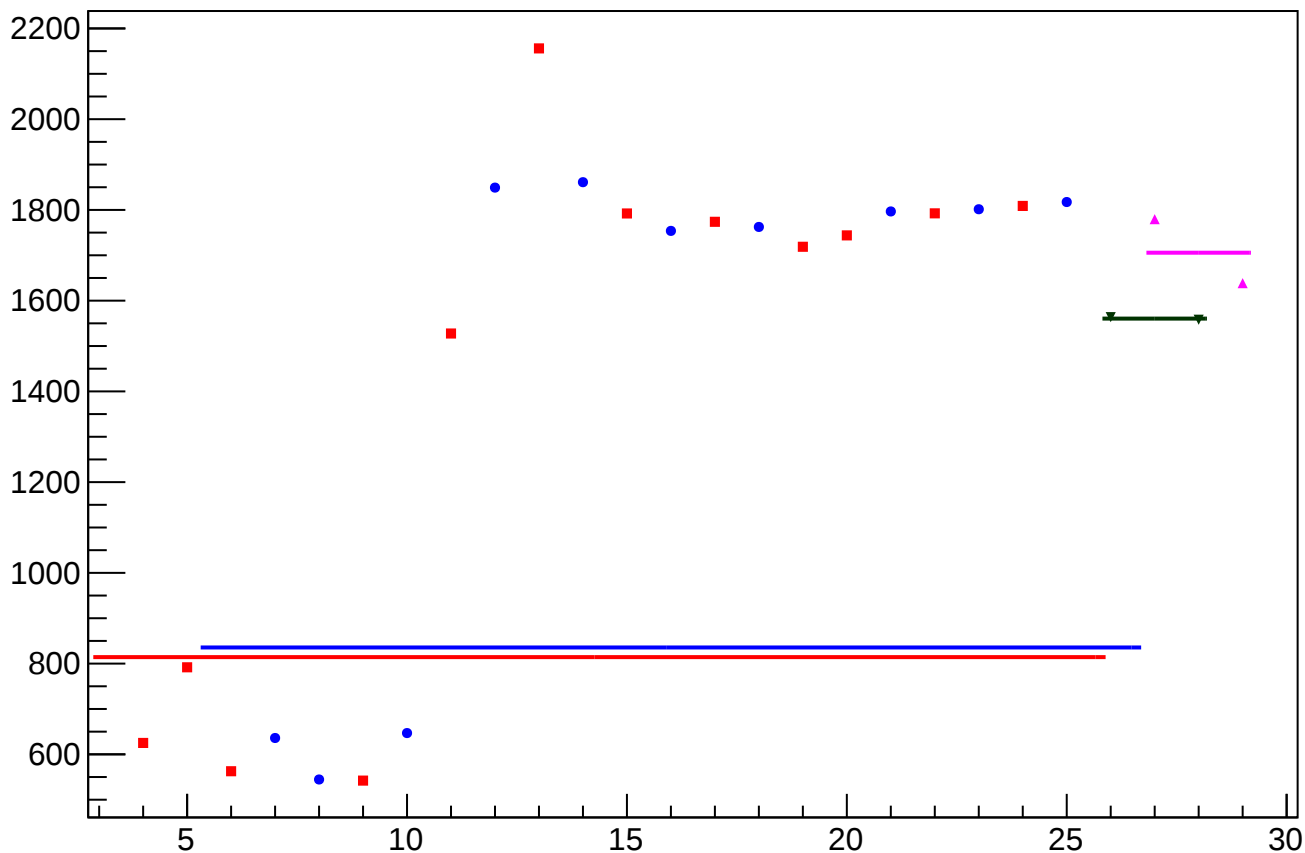
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: -0.883 ± 1.328 χ^2/NDF : 4.7/1

0.414 ± 0.376 χ^2/NDF : 7.8/11

-0.437 ± 0.366 χ^2/NDF : 27.8/13

diff_cav4cY_rms vs slug



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

Left Out: 1560.457+/-1.068 χ^2/NDF : 7.0/1

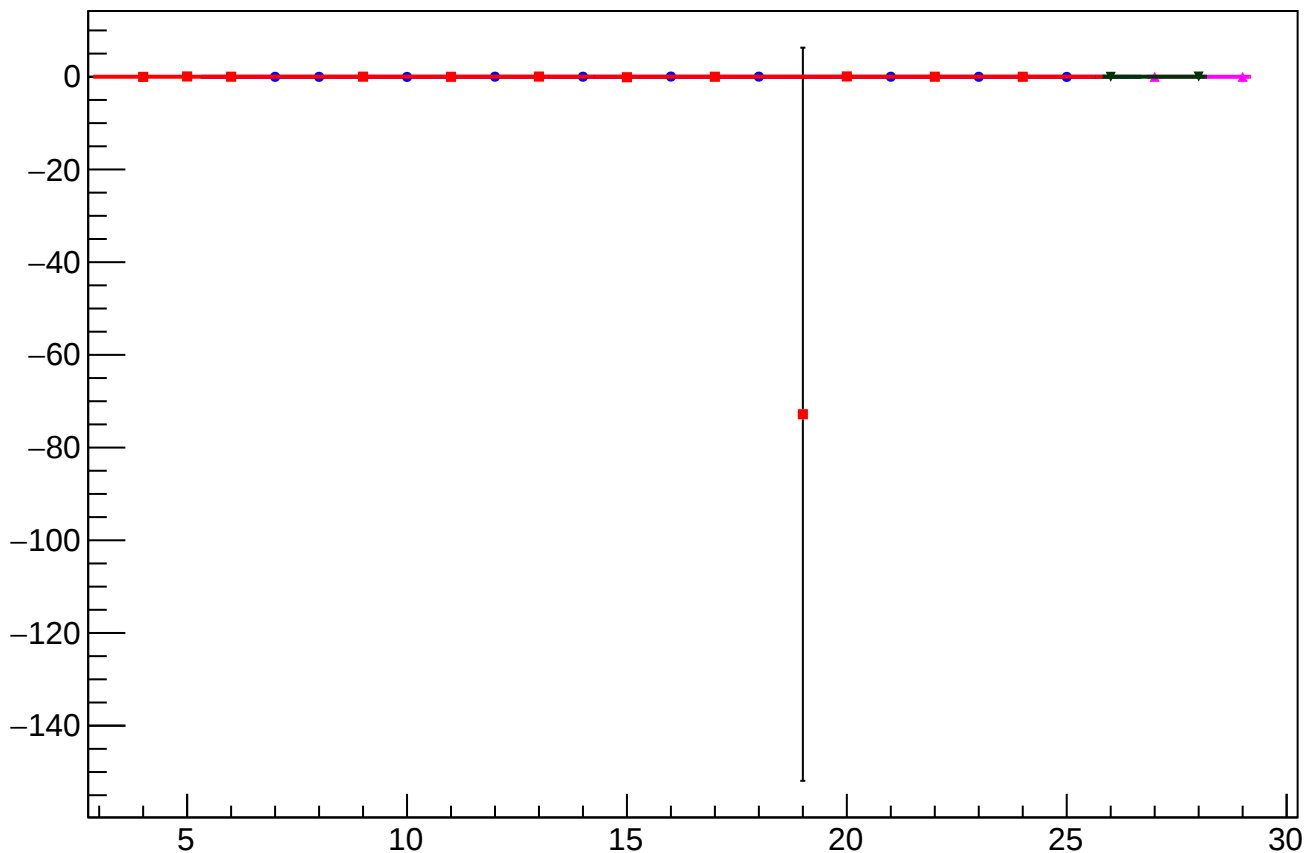
Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

Left In: 1705.696+/-0.939 χ^2/NDF : 5625.6/1

880.404+/-0.266 χ^2/NDF : 3681754.7/11

881.903+/-0.259 χ^2/NDF : 4230438.0/13

diff_cav4dX_mean vs slug



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

Left Out: 0.017 $\pm$ 0.016 χ^2 /NDF: 3.0/1

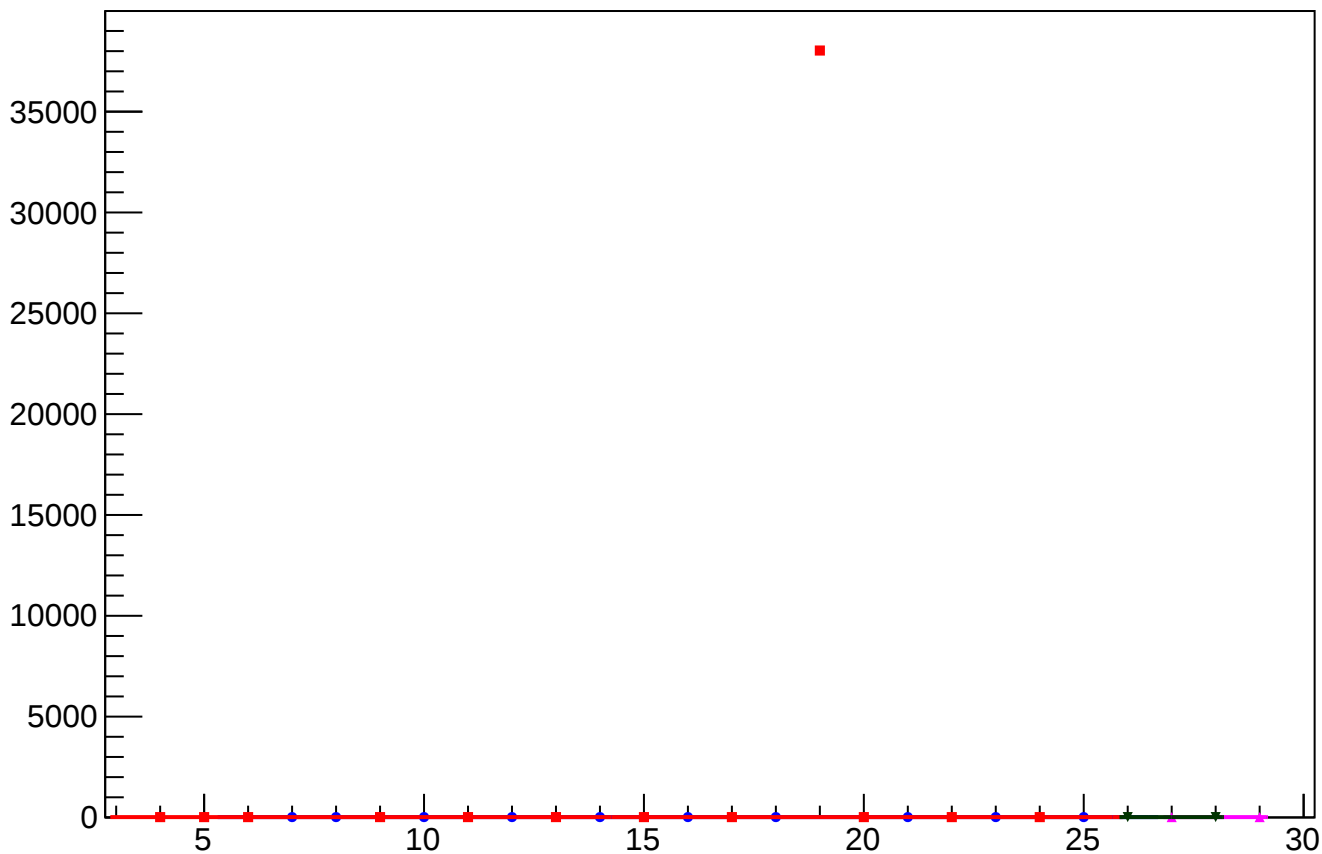
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.002 $\pm$ 0.013 χ^2 /NDF: 0.0/1

-0.001 $\pm$ 0.007 χ^2 /NDF: 10.5/11

0.008 $\pm$ 0.007 χ^2 /NDF: 12.0/13

diff_cav4dX_rms vs slug



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

Left Out: 17.525 $\pm$ 0.012 χ^2 /NDF:80.2/1

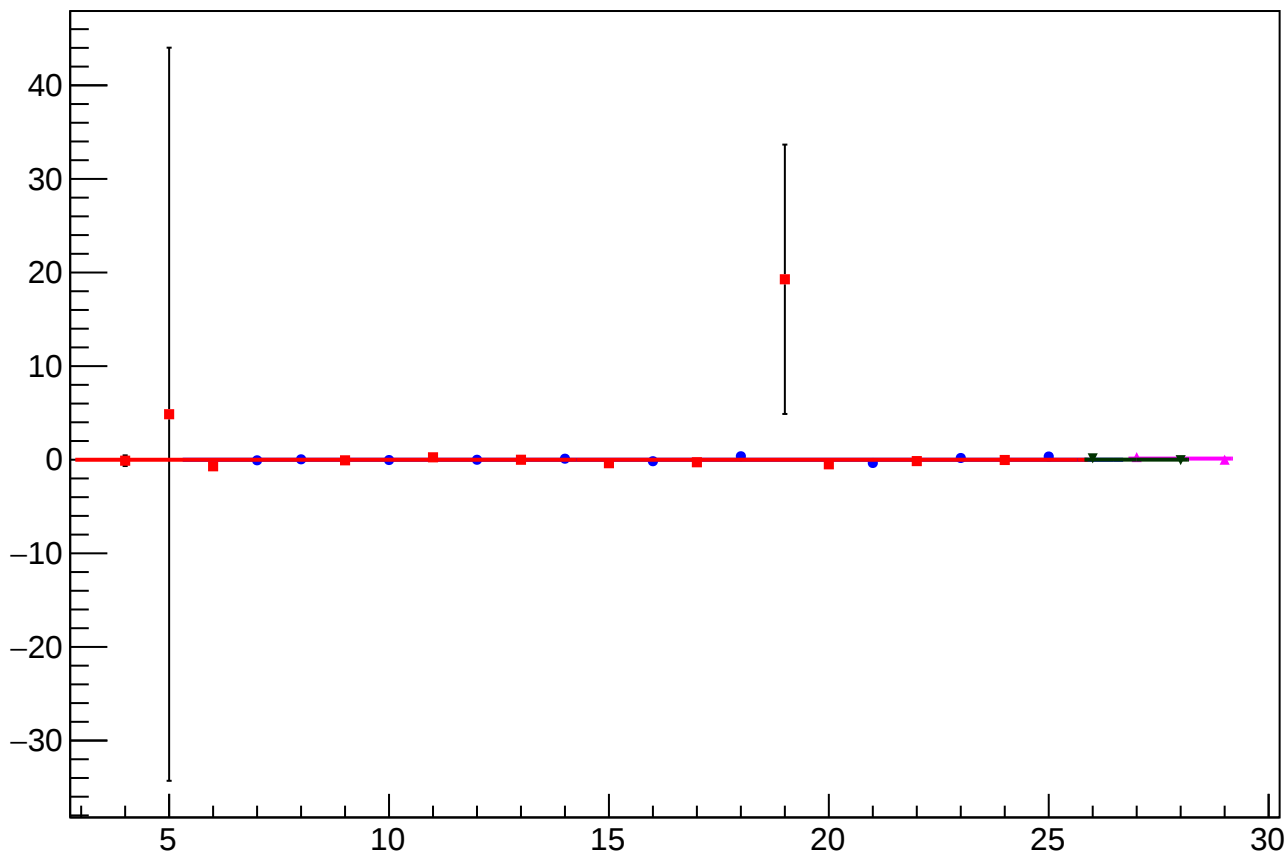
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 17.119 $\pm$ 0.009 χ^2 /NDF:214.9/1

17.546 $\pm$ 0.005 χ^2 /NDF: 2382.9/11

17.444 $\pm$ 0.005 χ^2 /NDF: 467943.4/13

diff_cav4dY_mean vs slug



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

Left Out: 0.011+/-0.098 χ^2 /NDF:0.8/1

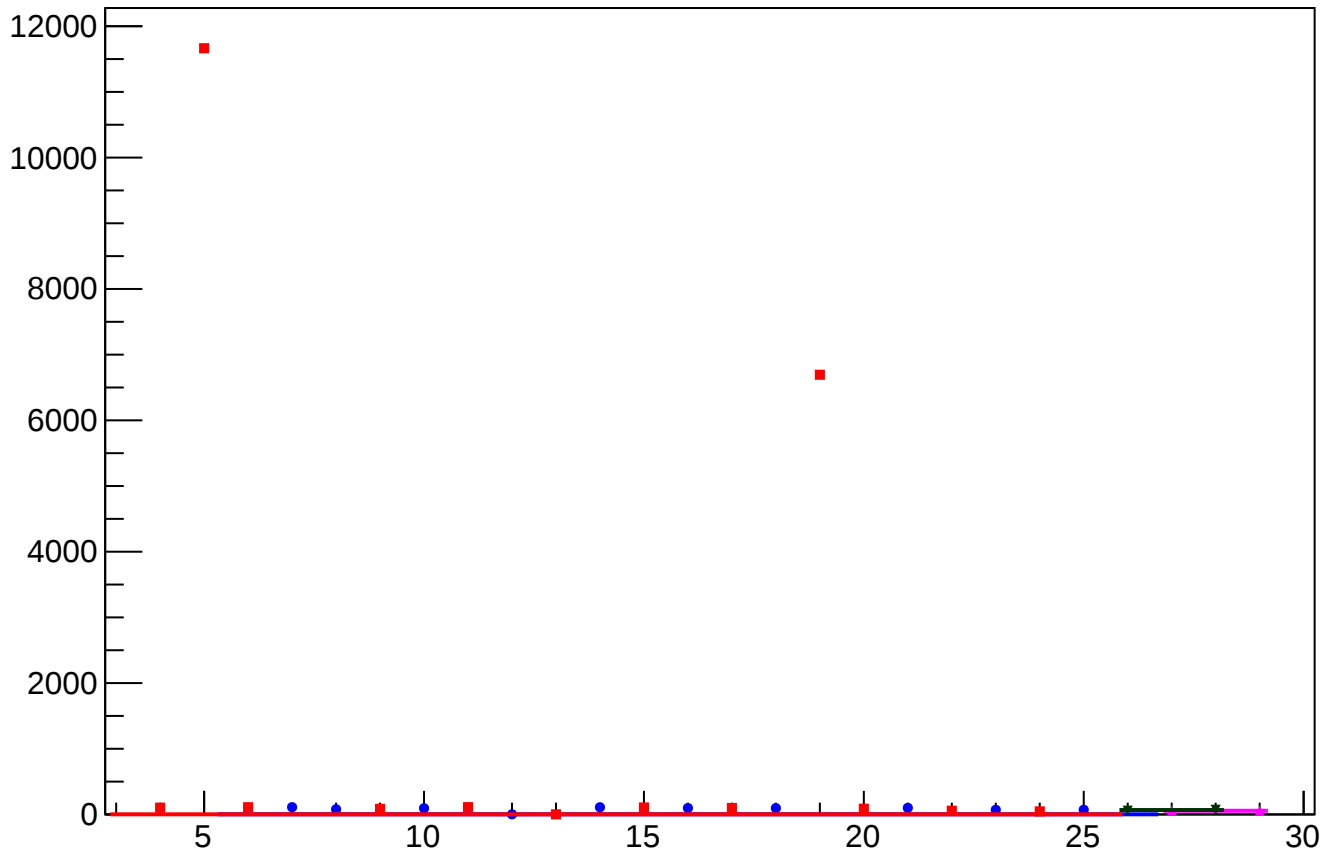
Right Out: -0.003+/-0.003 χ^2 /NDF: 12.3/11

Left In: 0.122+/-0.067 χ^2 /NDF:4.2/1

-0.003+/-0.003 χ^2 /NDF: 15.9/11

-0.002+/-0.003 χ^2 /NDF: 20.0/13

diff_cav4dY_rms vs slug



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

Left Out: 67.400+/-0.069 χ^2/NDF : 9047.8/1

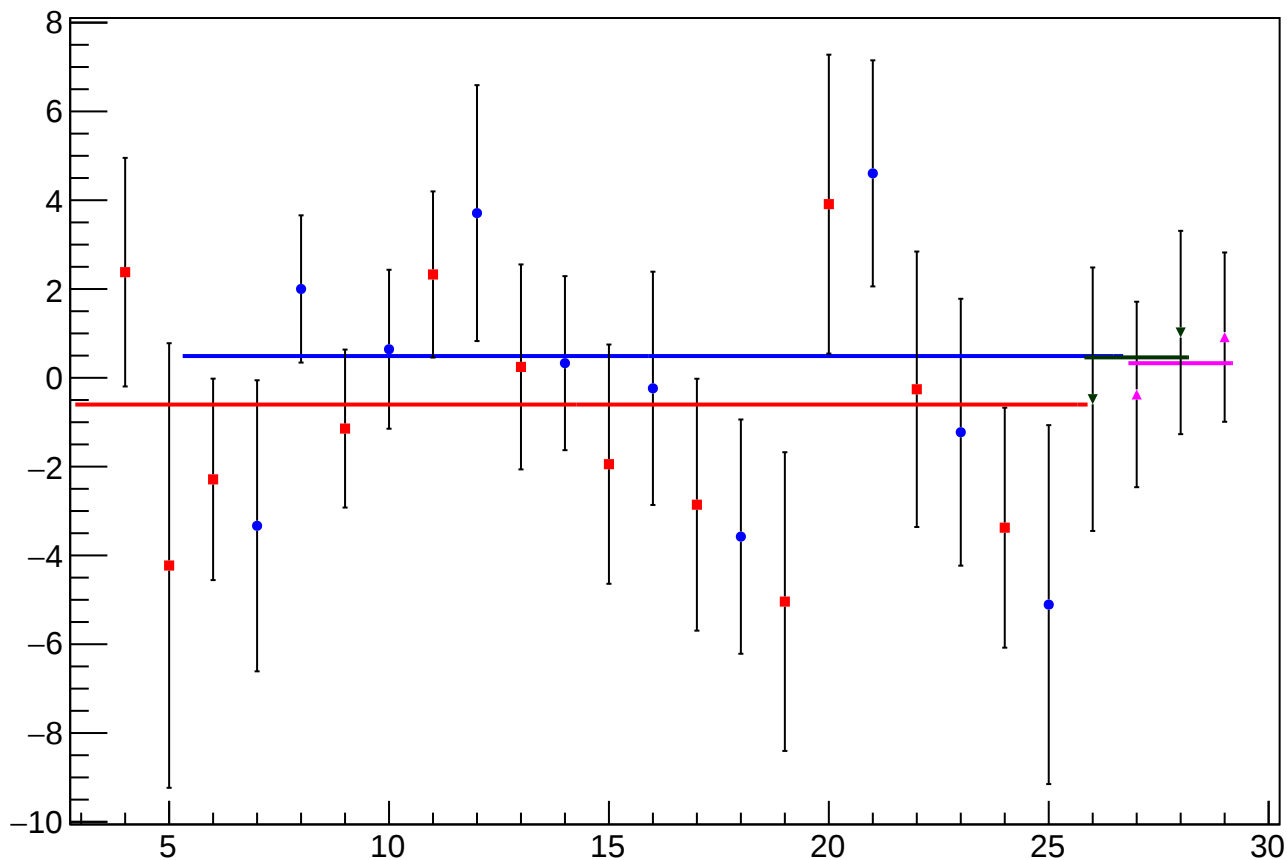
2.198+/-0.002 χ^2/NDF : 6734765.7/11

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

2.166+/-0.002 χ^2/NDF : 5532624.2/13

Left In: 56.224+/-0.047 χ^2/NDF : 1217.5/1

diff_bpm4aX_mean vs slug



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

Left Out: 0.460 ± 1.813 χ^2/NDF : 0.2/1

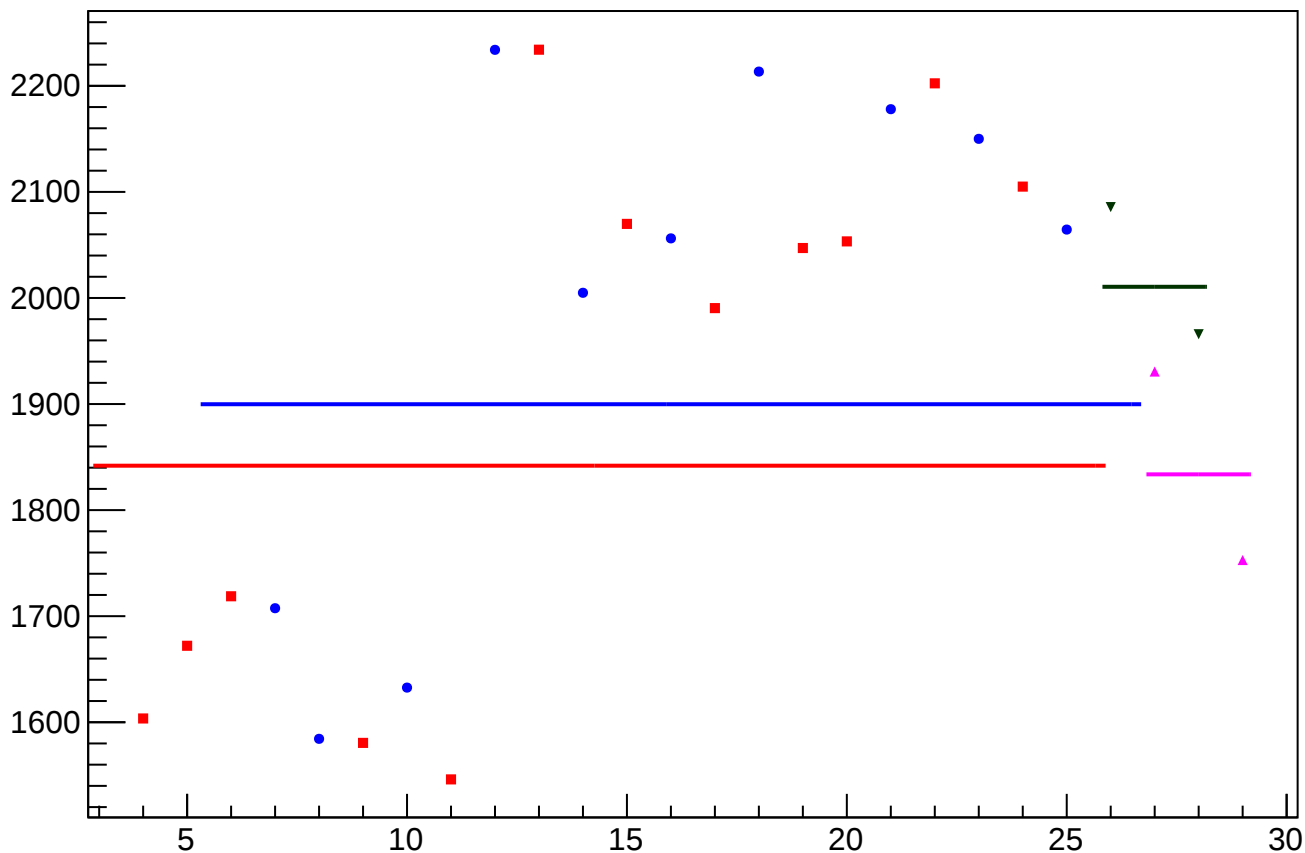
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

Left In: 0.330 ± 1.408 χ^2/NDF : 0.2/1

0.486 ± 0.695 χ^2/NDF : 10.9/11

-0.403 ± 0.651 χ^2/NDF : 11.1/13

diff_bpm4aX_rms vs slug



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

Left Out: 2010.546 ± 1.282 χ^2/NDF : 2046.2/1

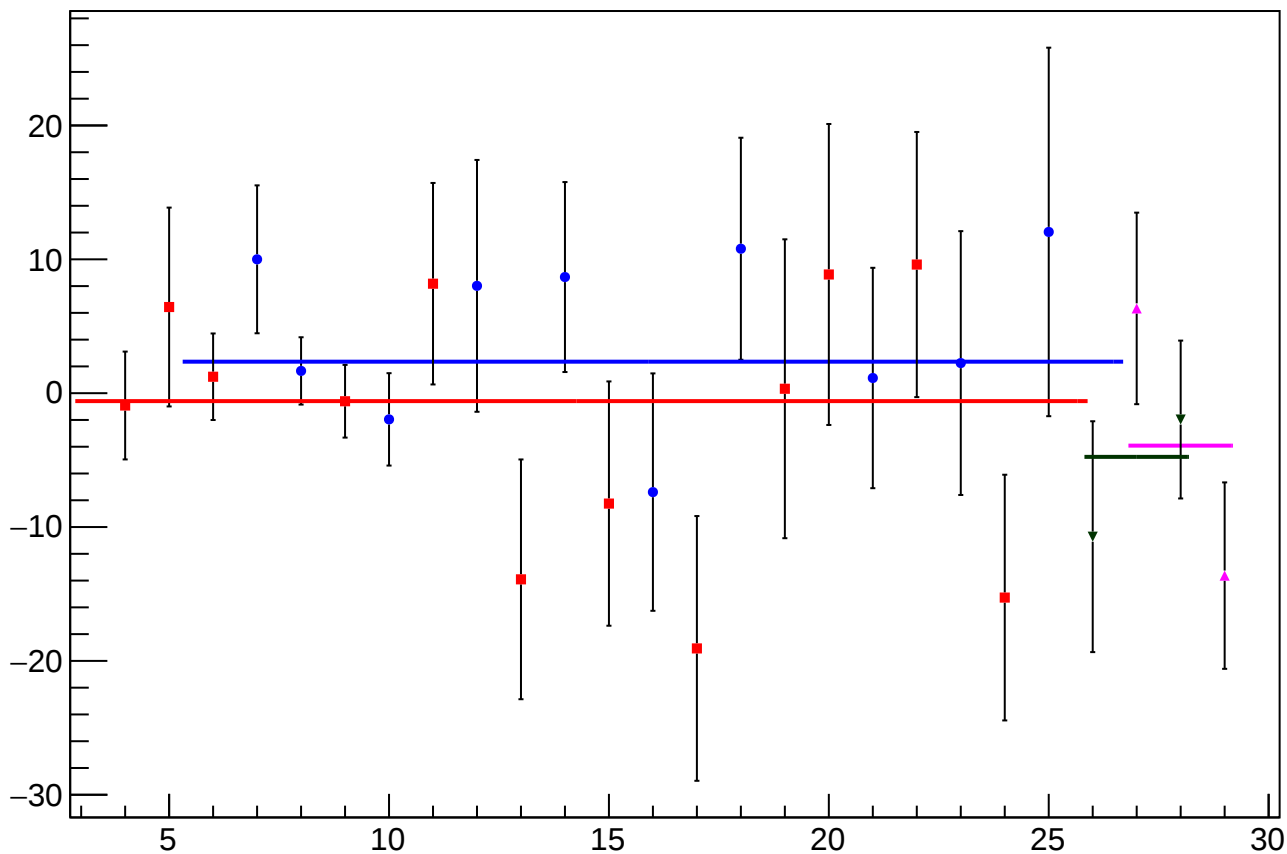
Right Out: 1841.876 ± 0.519 χ^2/NDF : 257357.6/11

Left In: 1833.714 ± 0.996 χ^2/NDF : 7897.8/1

1916.116 ± 0.492 χ^2/NDF : 241279.7/11

1840.131 ± 0.460 χ^2/NDF : 265308.2/13

diff_bpm4aY_mean vs slug



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

Left Out: -4.757 ± 4.867 χ^2/NDF : 0.7/1

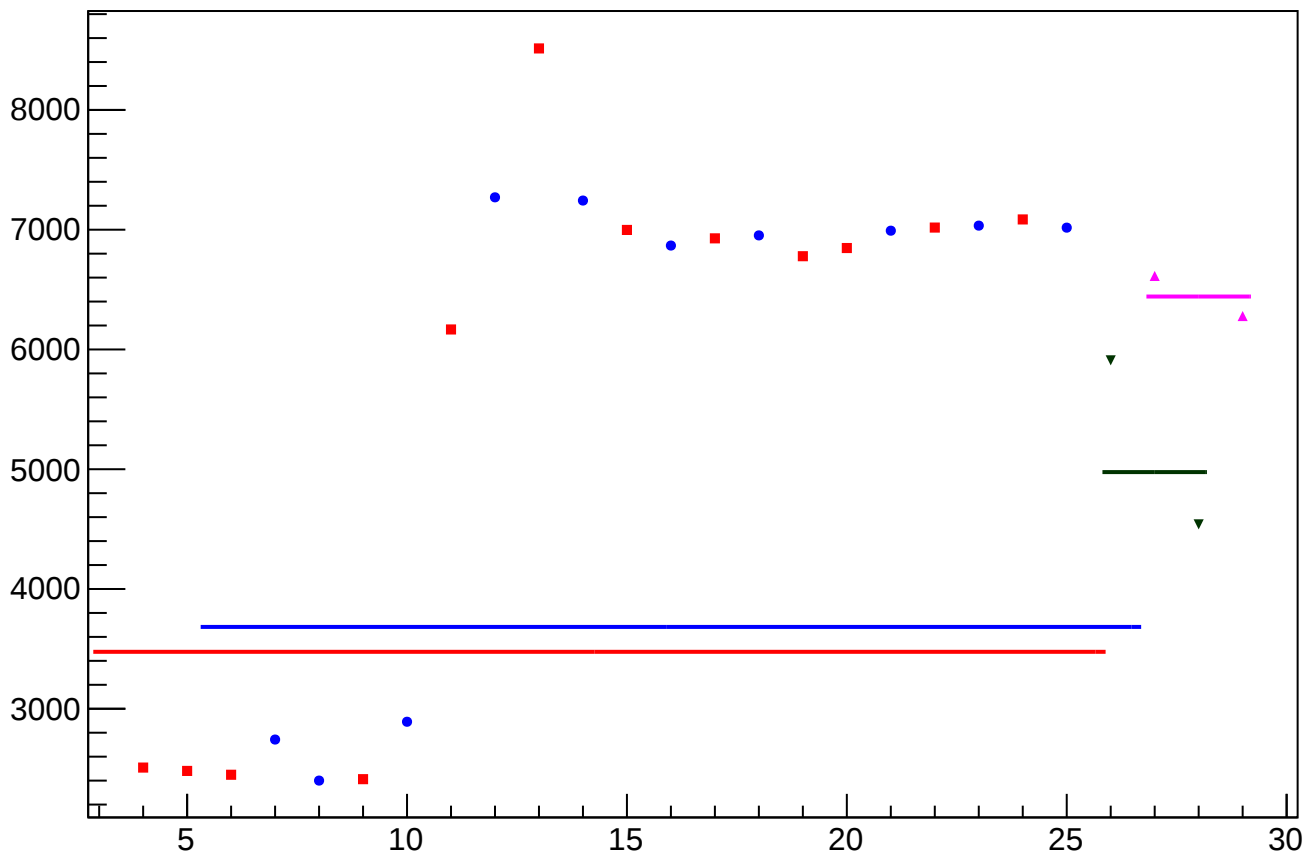
Right Out: -0.592 ± 1.578 χ^2/NDF : 13.3/11

Left In: -3.918 ± 4.990 χ^2/NDF : 4.0/1

1.614 ± 1.570 χ^2/NDF : 10.1/11

-0.894 ± 1.505 χ^2/NDF : 17.7/13

diff_bpm4aY_rms vs slug



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

Left Out: 4976.086+/-3.442 χ^2/NDF : 34370.7/1

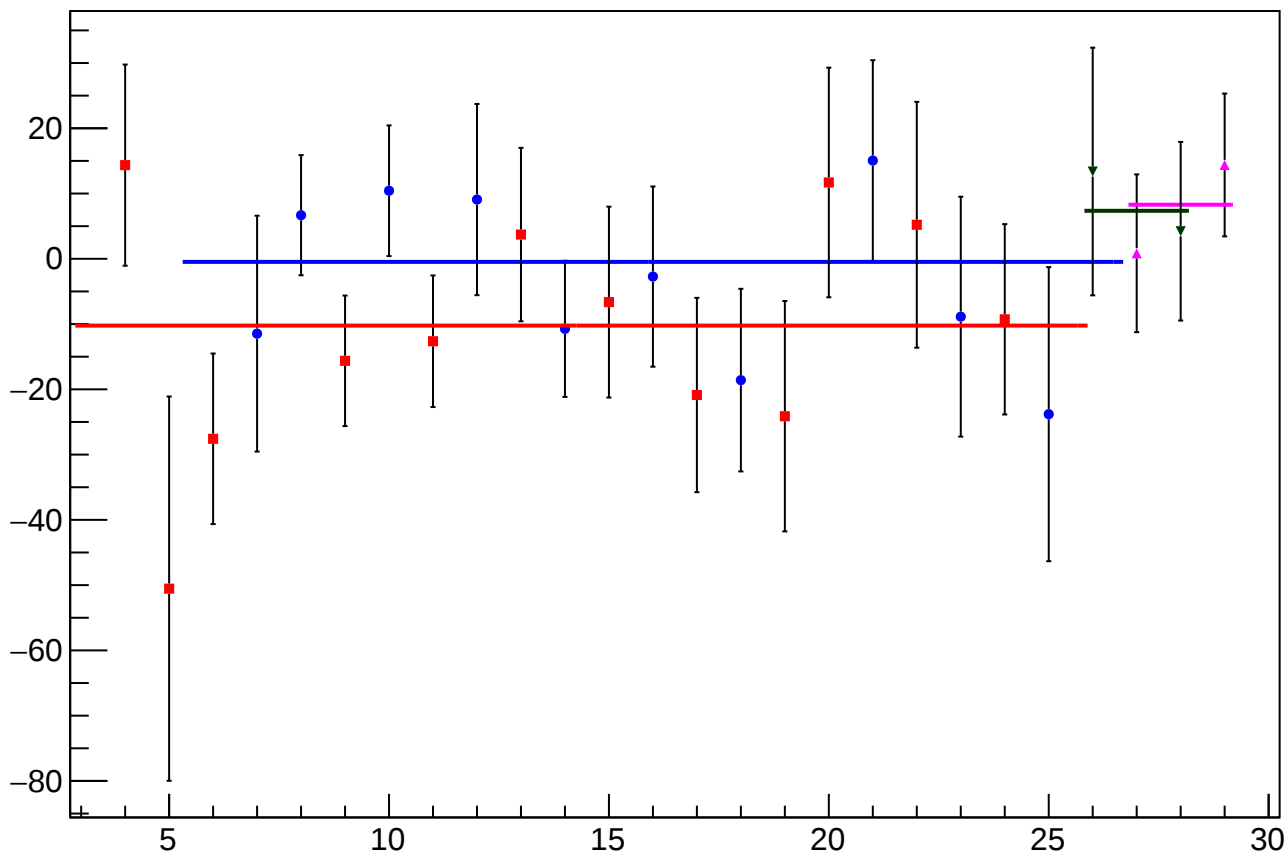
3817.746+/-1.110 χ^2/NDF : 2879312.5/11

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

3745.211+/-1.064 χ^2/NDF : 3654837.3/13

Left In: 6442.017+/-3.529 χ^2/NDF : 2249.6/1

diff_bpm4eX_mean vs slug



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

Left Out: 7.355 ± 11.098 χ^2/NDF : 0.2/1

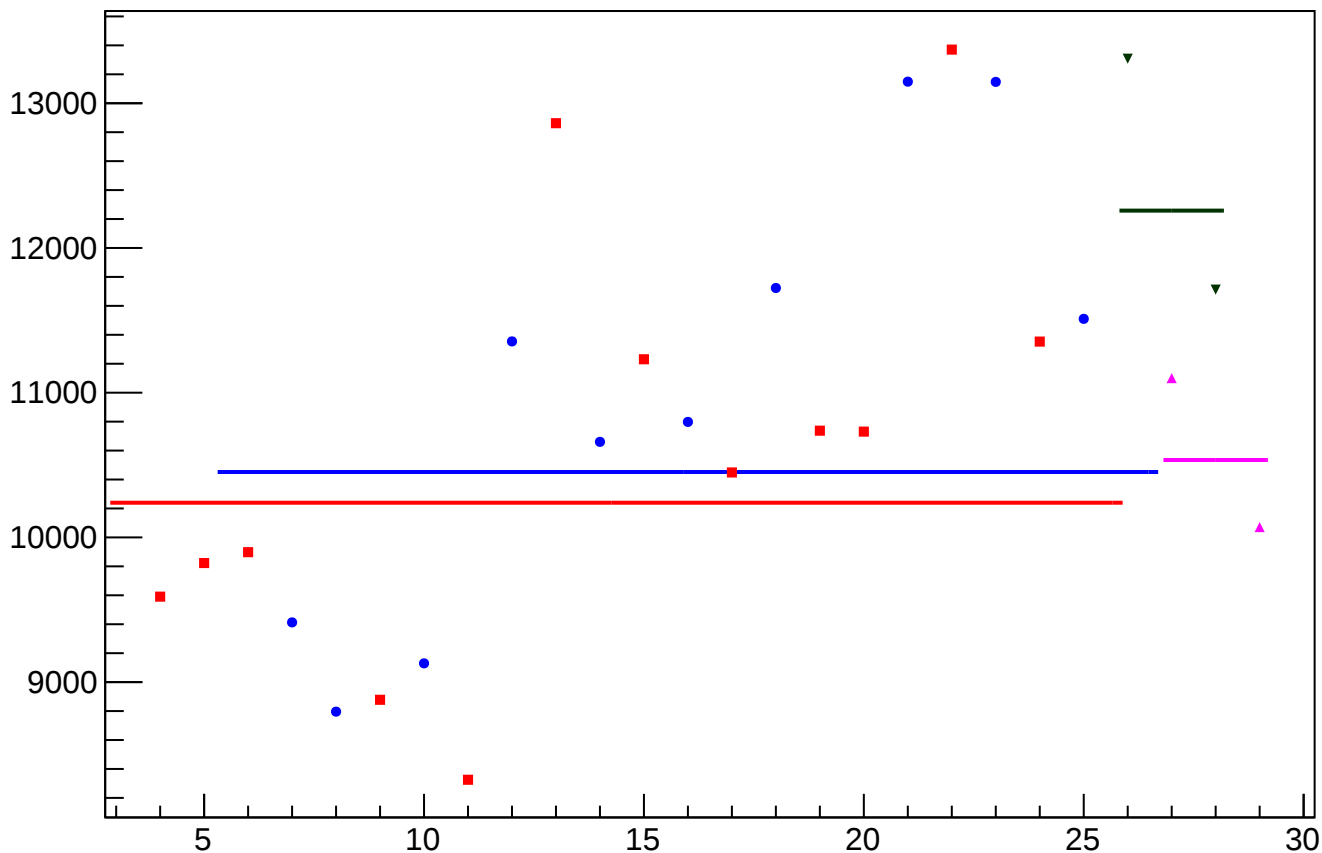
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

Left In: 8.288 ± 8.113 χ^2/NDF : 0.7/1

0.487 ± 3.883 χ^2/NDF : 8.1/11

-6.485 ± 3.650 χ^2/NDF : 15.9/13

diff_bpm4eX_rms vs slug



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

Left Out: 12258.152+/-7.848 χ^2/NDF : 9305.6/1

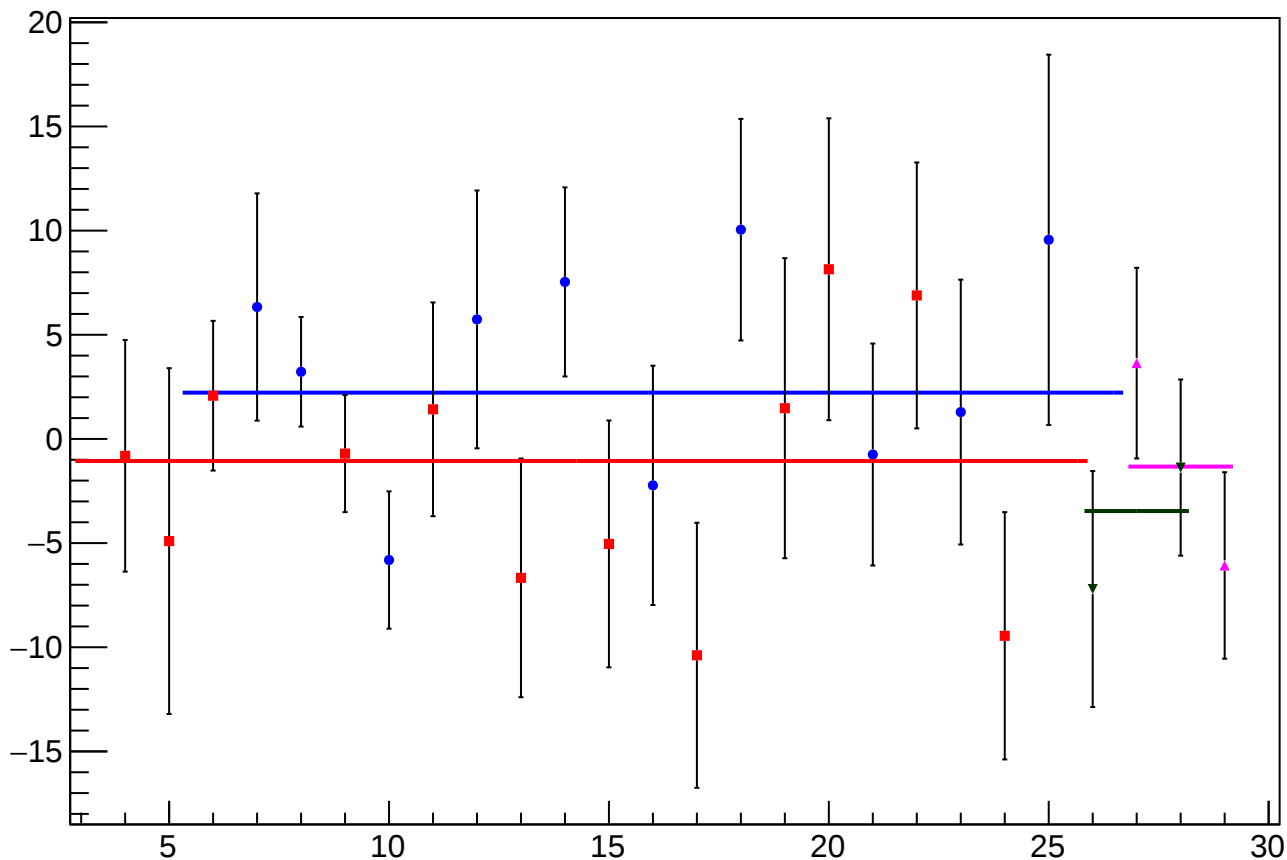
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

Left In: 10534.906+/-5.737 χ^2/NDF : 7967.9/1

10673.021+/-2.746 χ^2/NDF : 297158.2/11

10299.459+/-2.581 χ^2/NDF : 282152.2/13

diff_bpm4eY_mean vs slug



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

Left Out: -3.462 ± 3.388 χ^2/NDF : 0.7/1

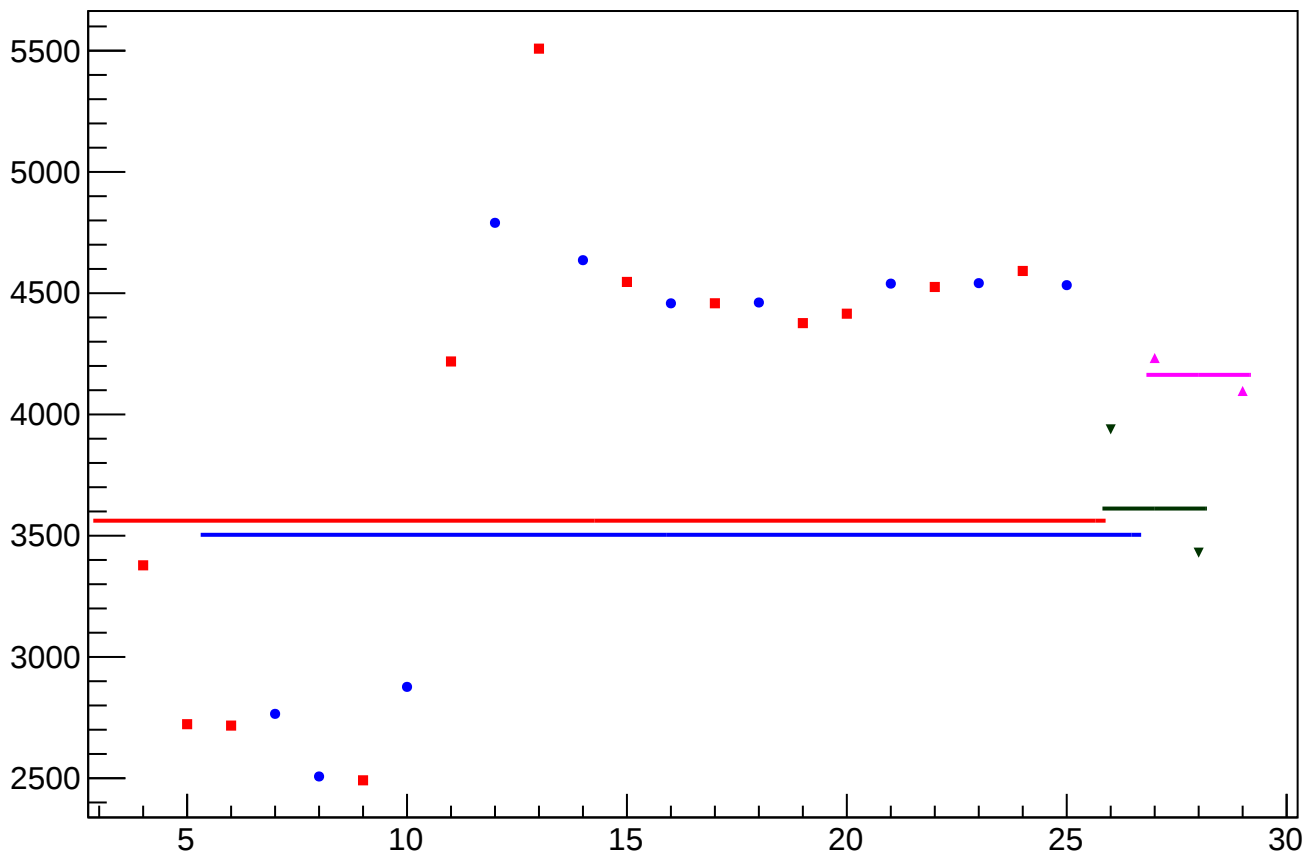
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: -1.327 ± 3.200 χ^2/NDF : 2.3/1

1.354 ± 1.324 χ^2/NDF : 15.2/11

-1.105 ± 1.334 χ^2/NDF : 12.4/13

diff_bpm4eY_rms vs slug



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

Left Out: 3612.004+/-2.396 χ^2/NDF :10348.9/1

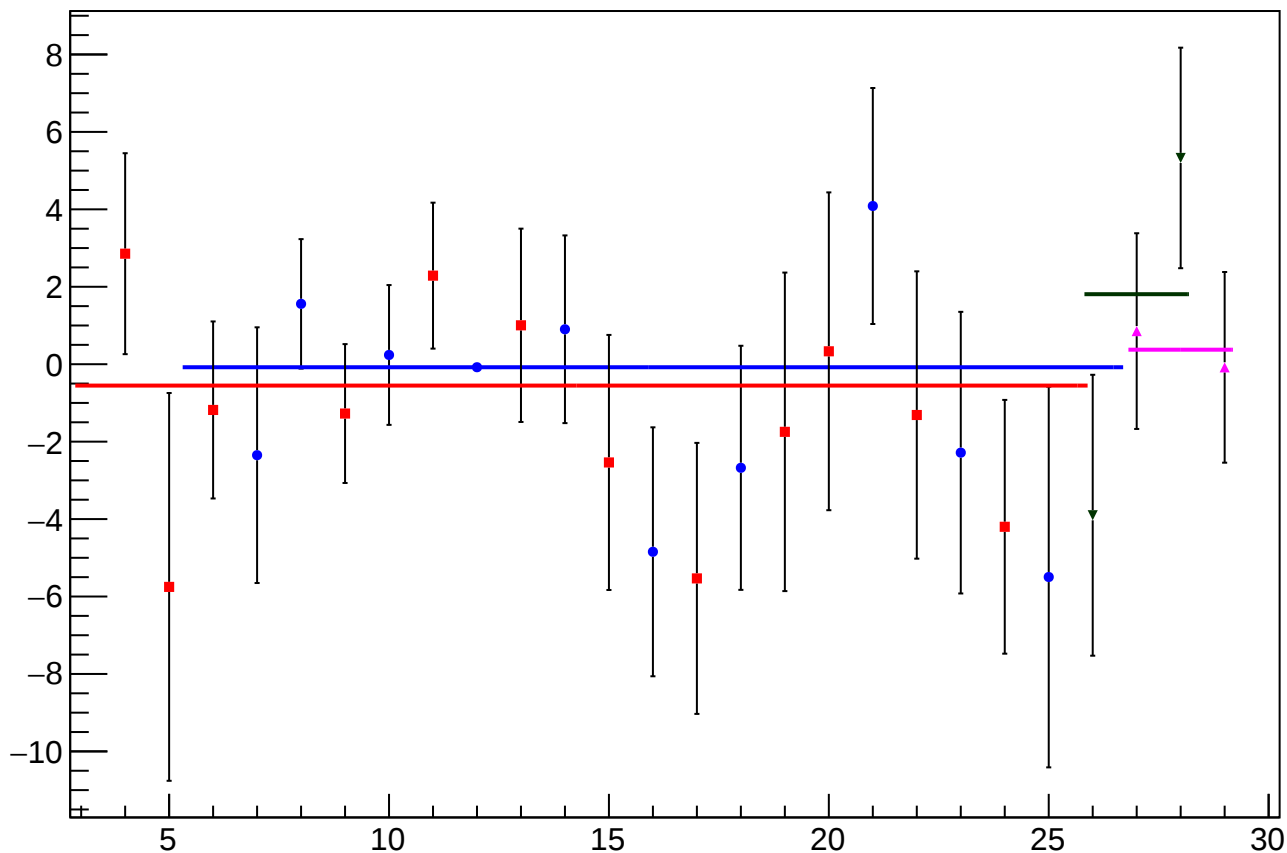
Right Out: 3561.943+/-1.038 χ^2/NDF : 941598.3/11

Left In: 4163.286+/-2.263 χ^2/NDF :900.5/1

3520.288+/-0.936 χ^2/NDF : 894925.1/11

3666.496+/-0.944 χ^2/NDF : 1000843.5/13

diff_bpm4acX_mean vs slug



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

Left Out: 1.808 ± 2.240 χ^2/NDF : 4.0/1

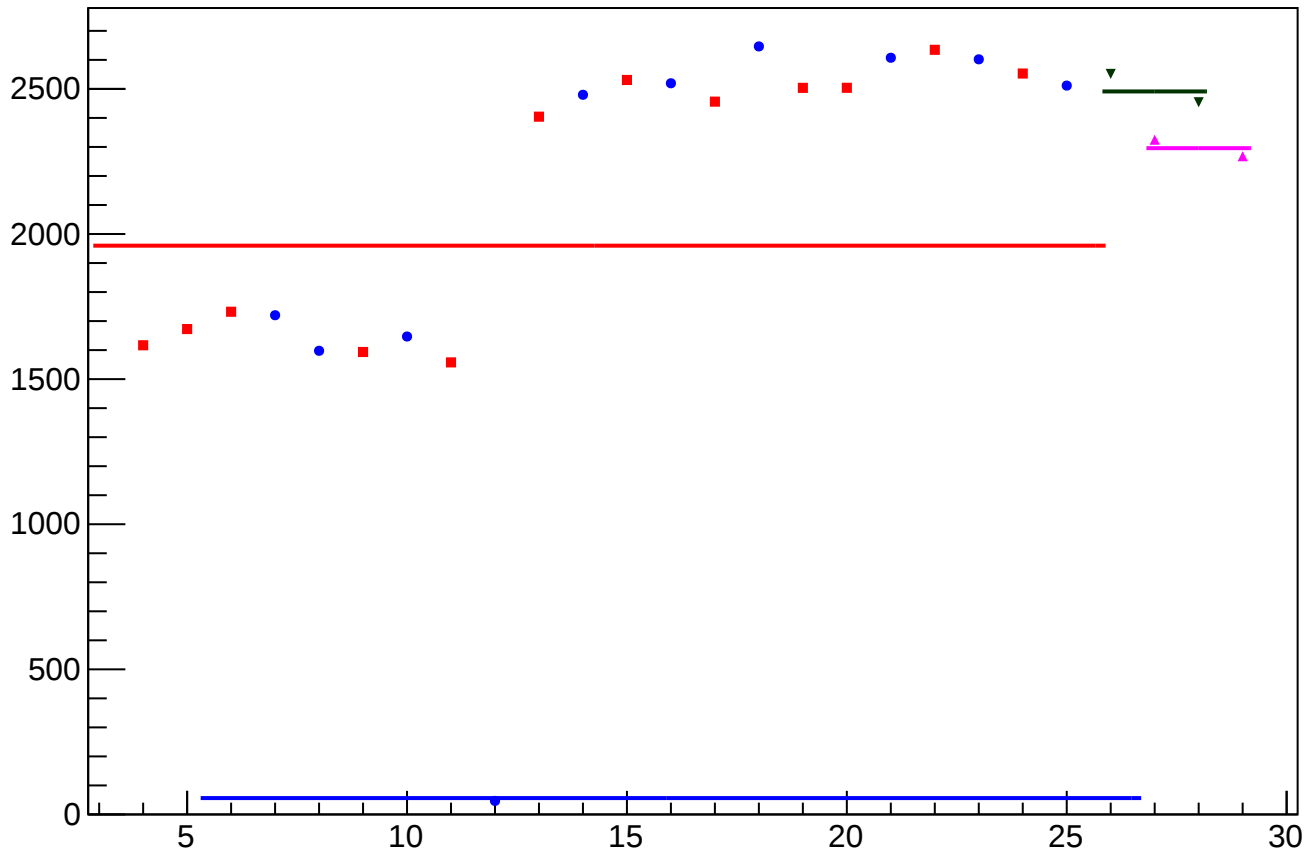
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 0.375 ± 1.764 χ^2/NDF : 0.1/1

-0.077 ± 0.060 χ^2/NDF : 12.7/11

-0.396 ± 0.723 χ^2/NDF : 9.8/13

diff_bpm4acX_rms vs slug



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

Left Out: 2491.259+/-1.584 χ^2/NDF : 896.4/1

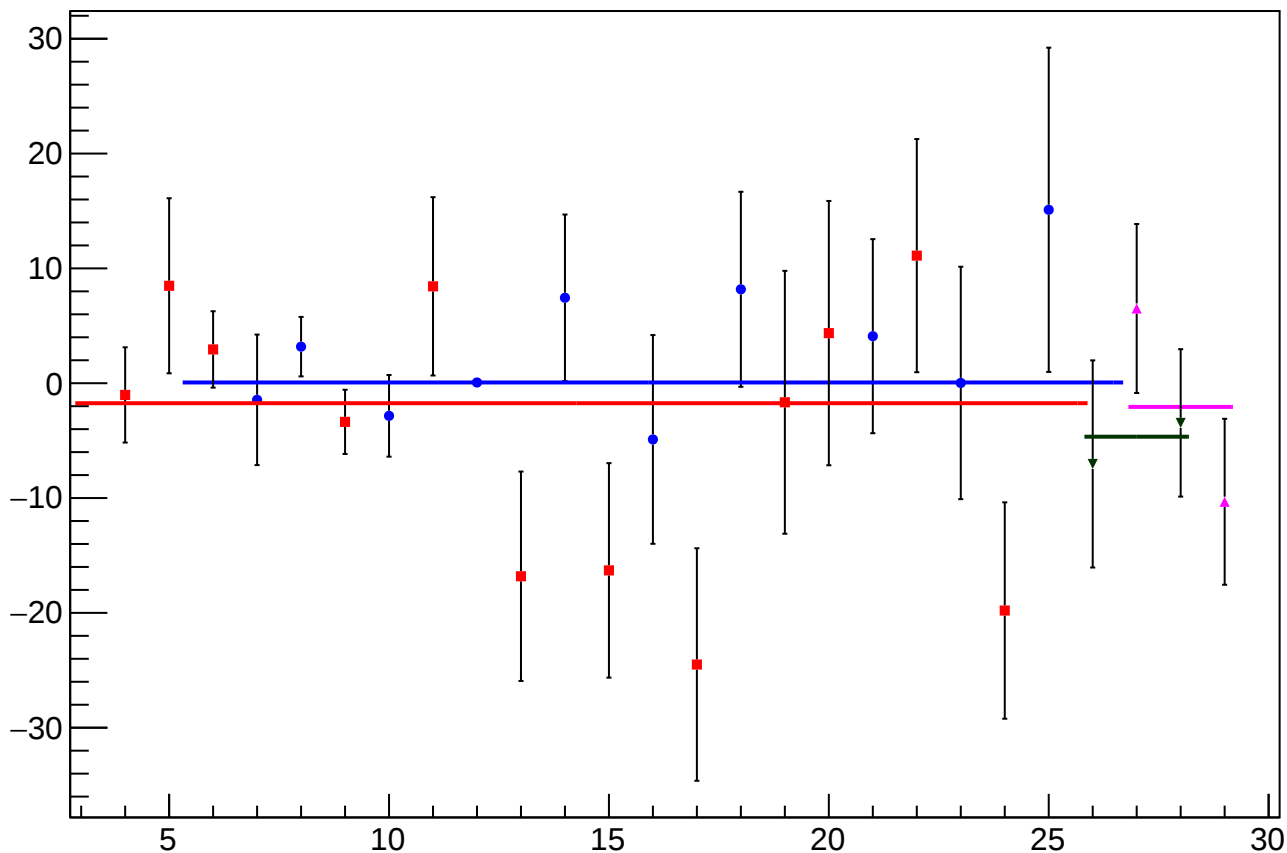
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

Left In: 2295.795+/-1.247 χ^2/NDF : 518.1/1

58.183+/-0.043 χ^2/NDF : 13575215.8/11

2016.339+/-0.511 χ^2/NDF : 662269.0/13

diff_bpm4acY_mean vs slug



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

Left Out: -4.658 ± 5.230 χ^2/NDF : 0.1/1

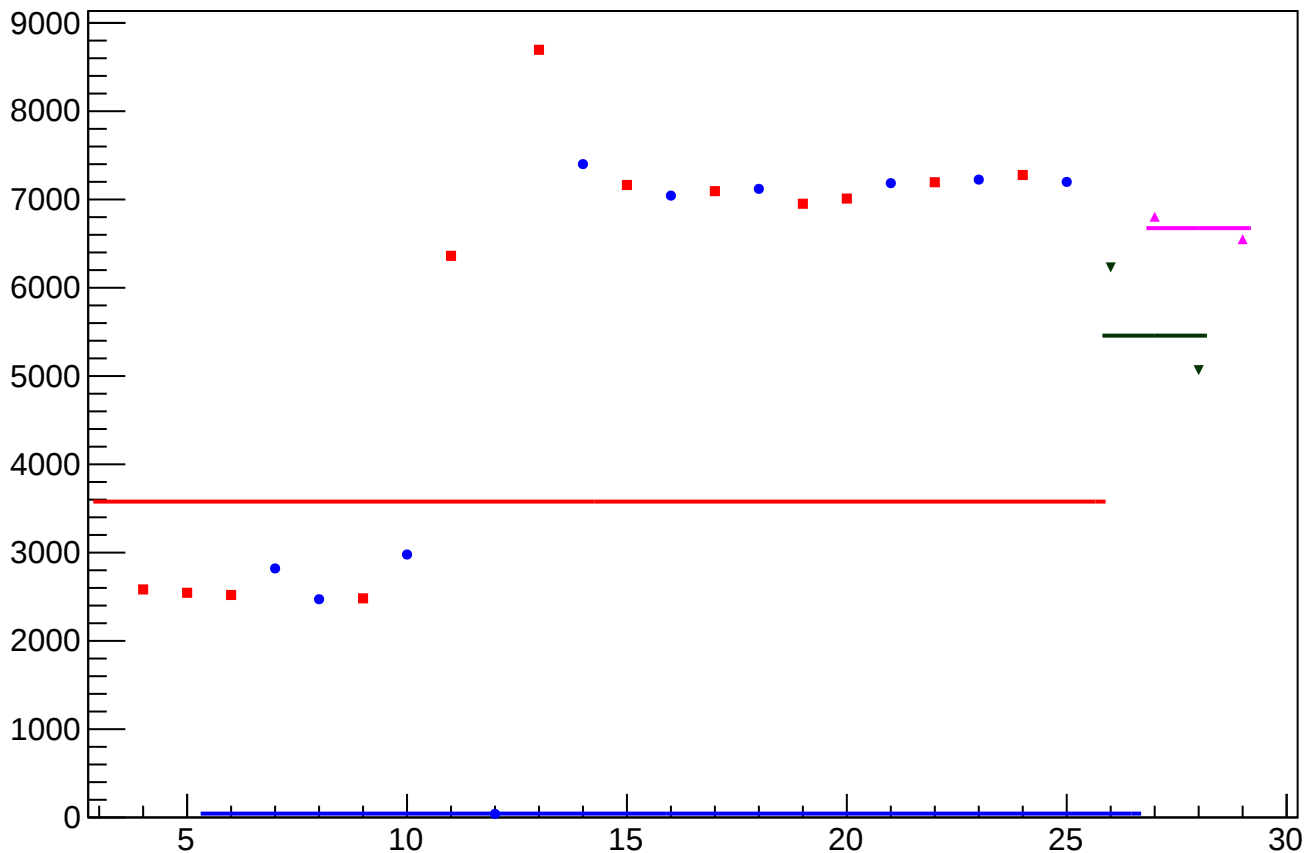
Right Out: -1.741 ± 1.623 χ^2/NDF : 21.6/11

Left In: -2.064 ± 5.156 χ^2/NDF : 2.7/1

0.065 ± 0.052 χ^2/NDF : 6.7/11

-1.771 ± 1.548 χ^2/NDF : 24.3/13

diff_bpm4acY_rms vs slug



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

Left Out: 5457.946+/-3.698 χ^2 /NDF: 22095.7/1

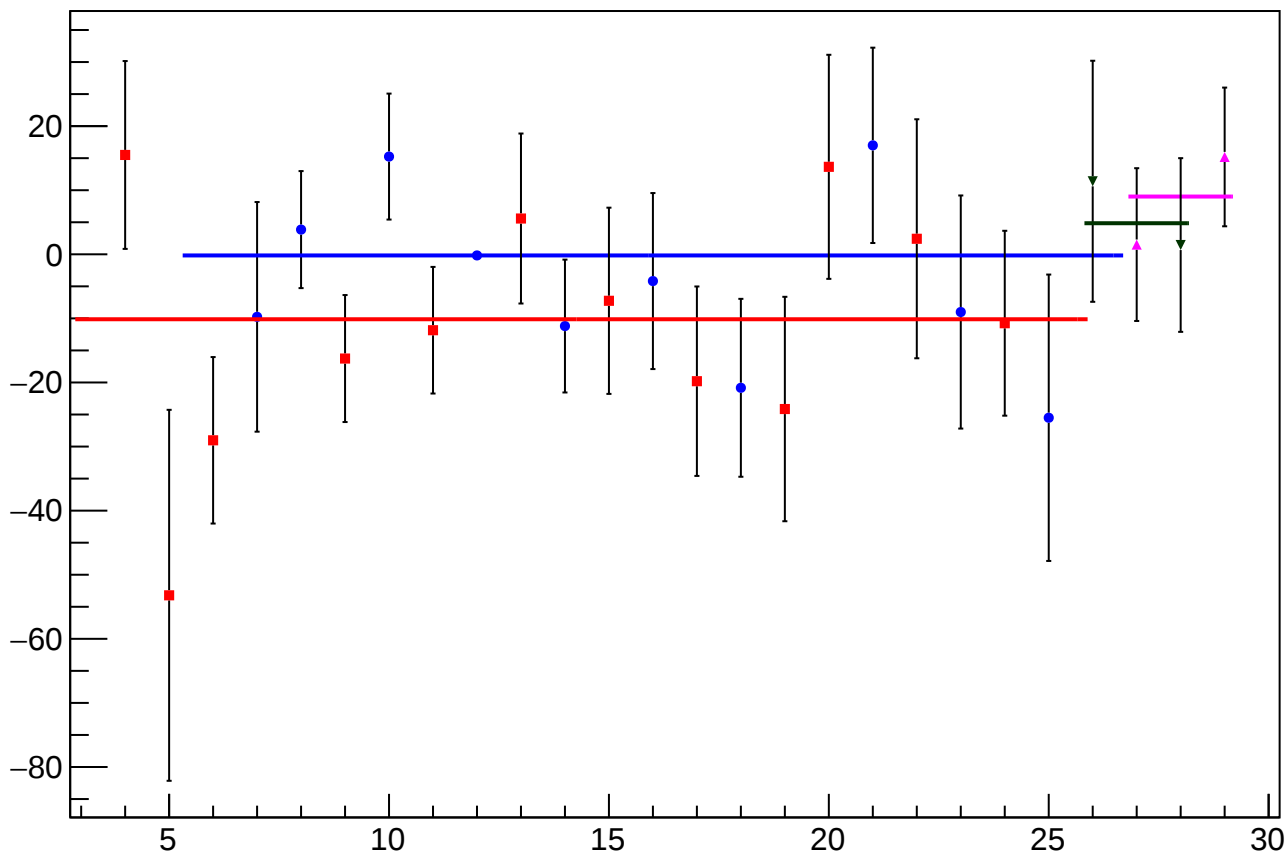
Right Out: 3577.880+/-1.147 χ^2 /NDF: 2998842.2/11

Left In: 6675.529+/-3.646 χ^2 /NDF: 1219.5/1

44.169+/-0.037 χ^2 /NDF: 13355317.0/11

3857.030+/-1.094 χ^2 /NDF: 3656868.5/13

diff_bpm4ecX_mean vs slug



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

Left Out: 4.849 ± 10.995 χ^2/NDF : 0.2/1

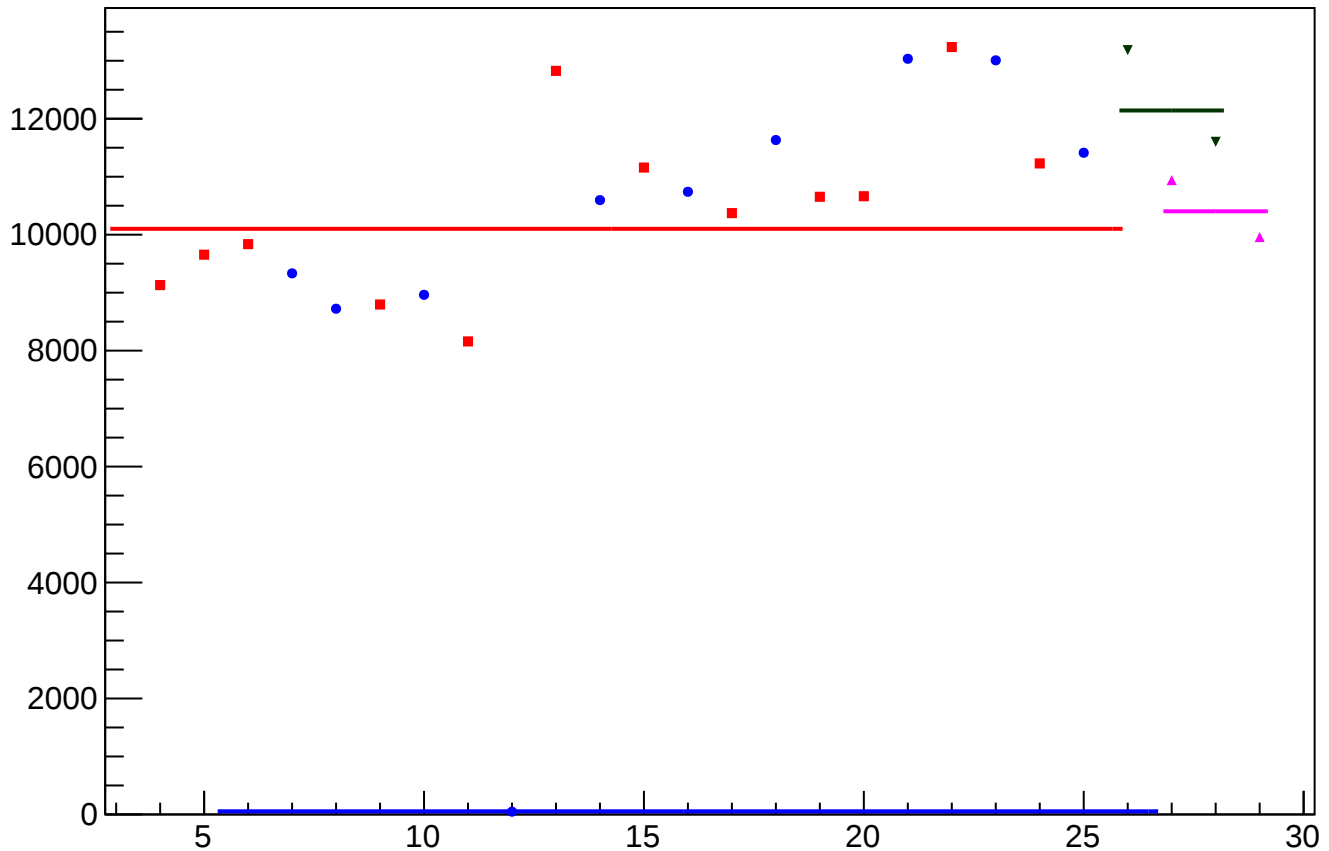
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 9.013 ± 8.012 χ^2/NDF : 0.7/1

-0.177 ± 0.107 χ^2/NDF : 9.6/11

-6.261 ± 3.604 χ^2/NDF : 17.9/13

diff_bpm4ecX_rms vs slug



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

Left Out: 12142.224+/-7.774 χ^2/NDF : 9310.1/1

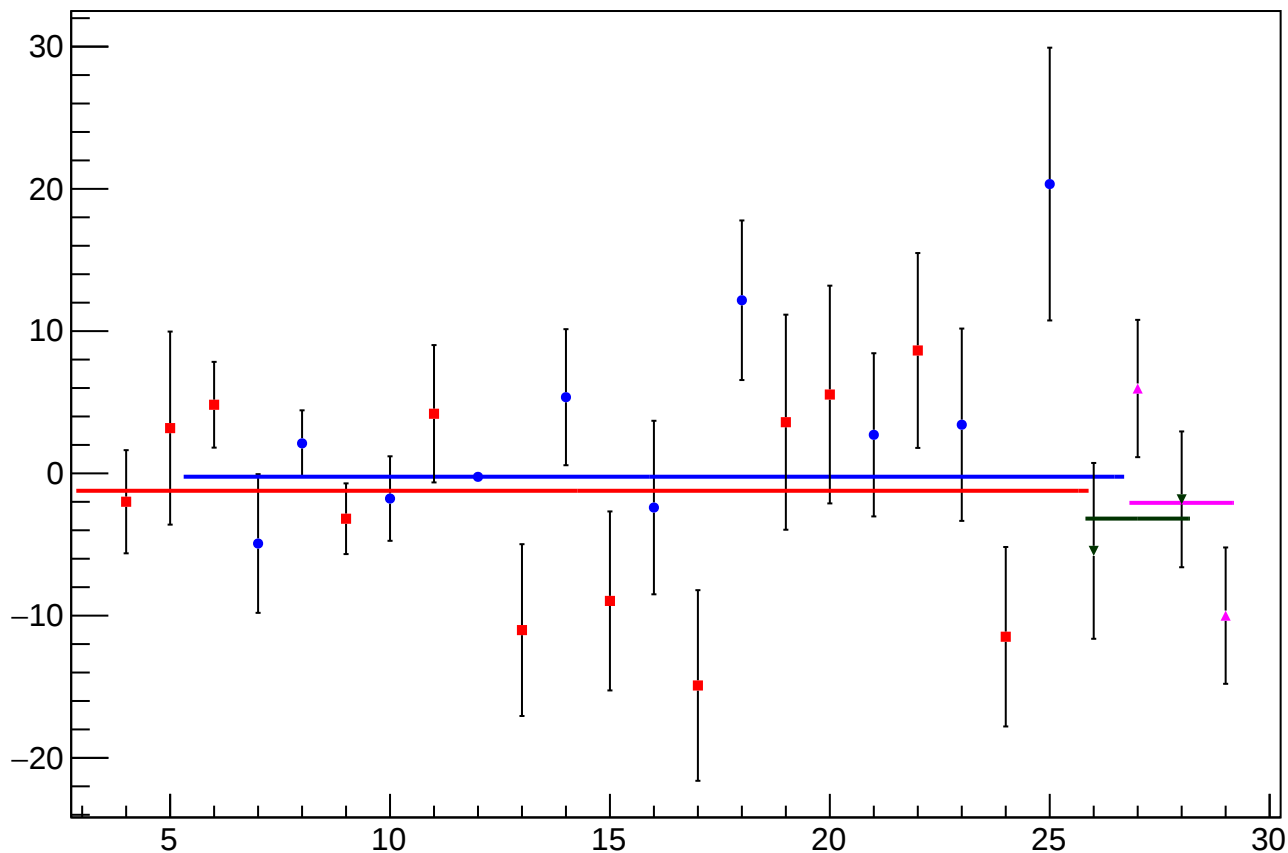
55.492+/-0.075 χ^2/NDF : 14070601.7/11

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

10162.401+/-2.548 χ^2/NDF : 300255.7/13

Left In: 10403.499+/-5.665 χ^2/NDF : 7430.7/1

diff_bpm4ecY_mean vs slug



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

Left Out: -3.179 ± 3.778 χ^2/NDF : 0.2/1

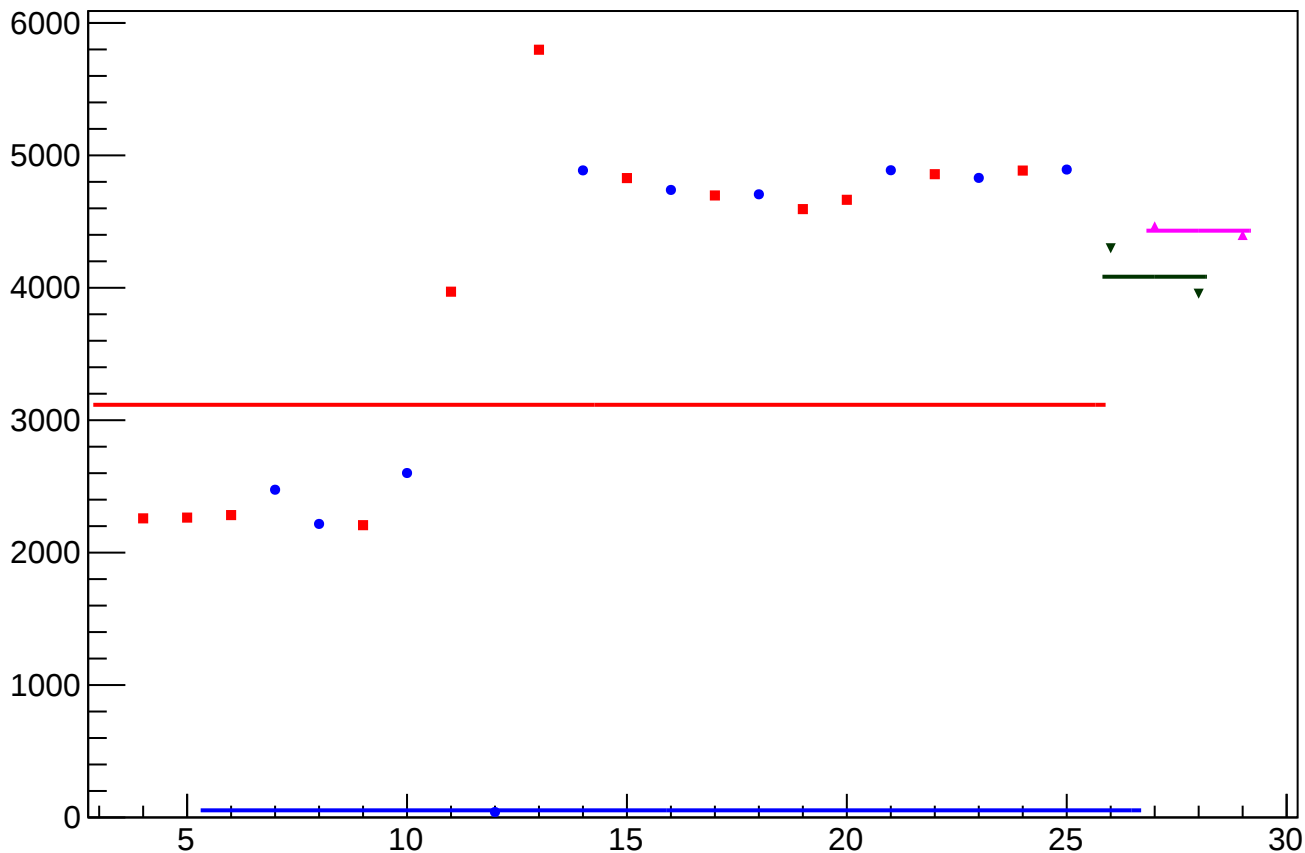
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: -2.072 ± 3.401 χ^2/NDF : 5.5/1

-0.236 ± 0.090 χ^2/NDF : 14.6/11

-1.335 ± 1.236 χ^2/NDF : 26.2/13

diff_bpm4ecY_rms vs slug



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

Left Out: 4083.647+/-2.671 χ^2/NDF :3858.4/1

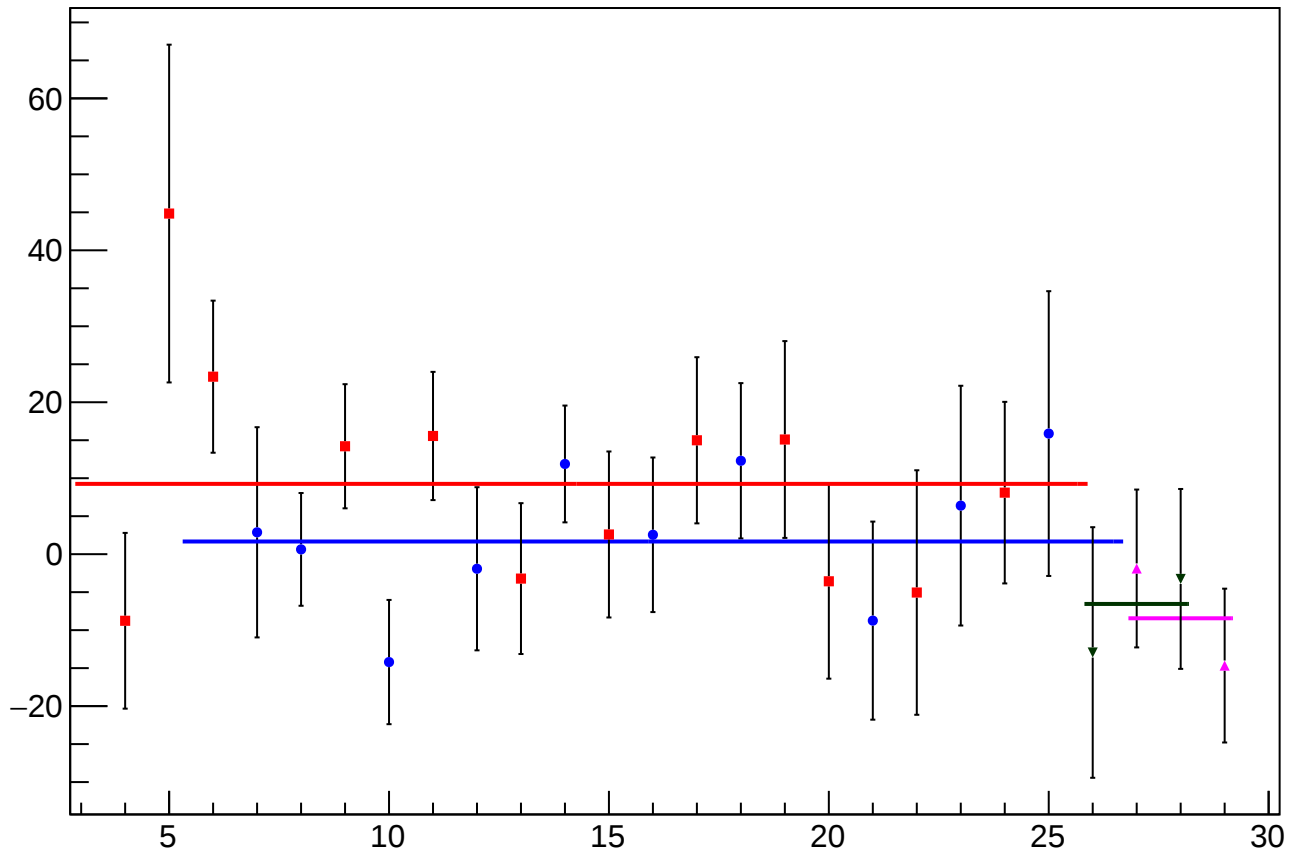
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

Left In: 4431.335+/-2.405 χ^2/NDF :185.6/1

56.090+/-0.064 χ^2/NDF : 13547223.7/11

3289.942+/-0.874 χ^2/NDF : 1984614.3/13

diff_bpm1X_mean vs slug



Right In: 1.669 ± 3.229 χ^2/NDF : 8.1/9

Left Out: -6.551 ± 9.619 χ^2/NDF : 0.2/1

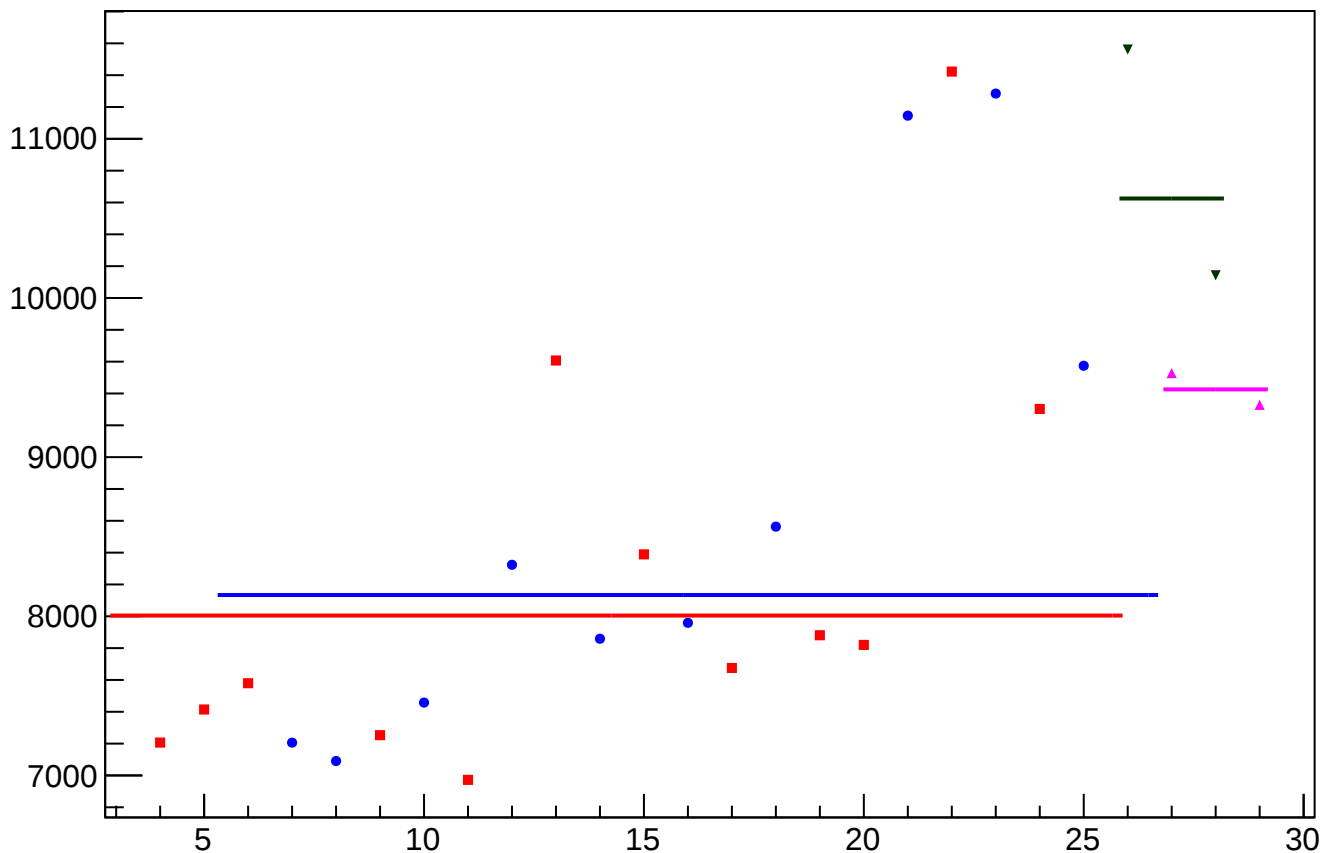
Right Out: 9.254 ± 3.190 χ^2/NDF : 12.1/11

Left In: -8.439 ± 7.251 χ^2/NDF : 0.8/1

0.837 ± 3.061 χ^2/NDF : 8.9/11

6.386 ± 2.920 χ^2/NDF : 17.9/13

diff_bpm1X_rms vs slug



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

Left Out: 10625.092+/-6.802 χ^2/NDF : 9761.3/1

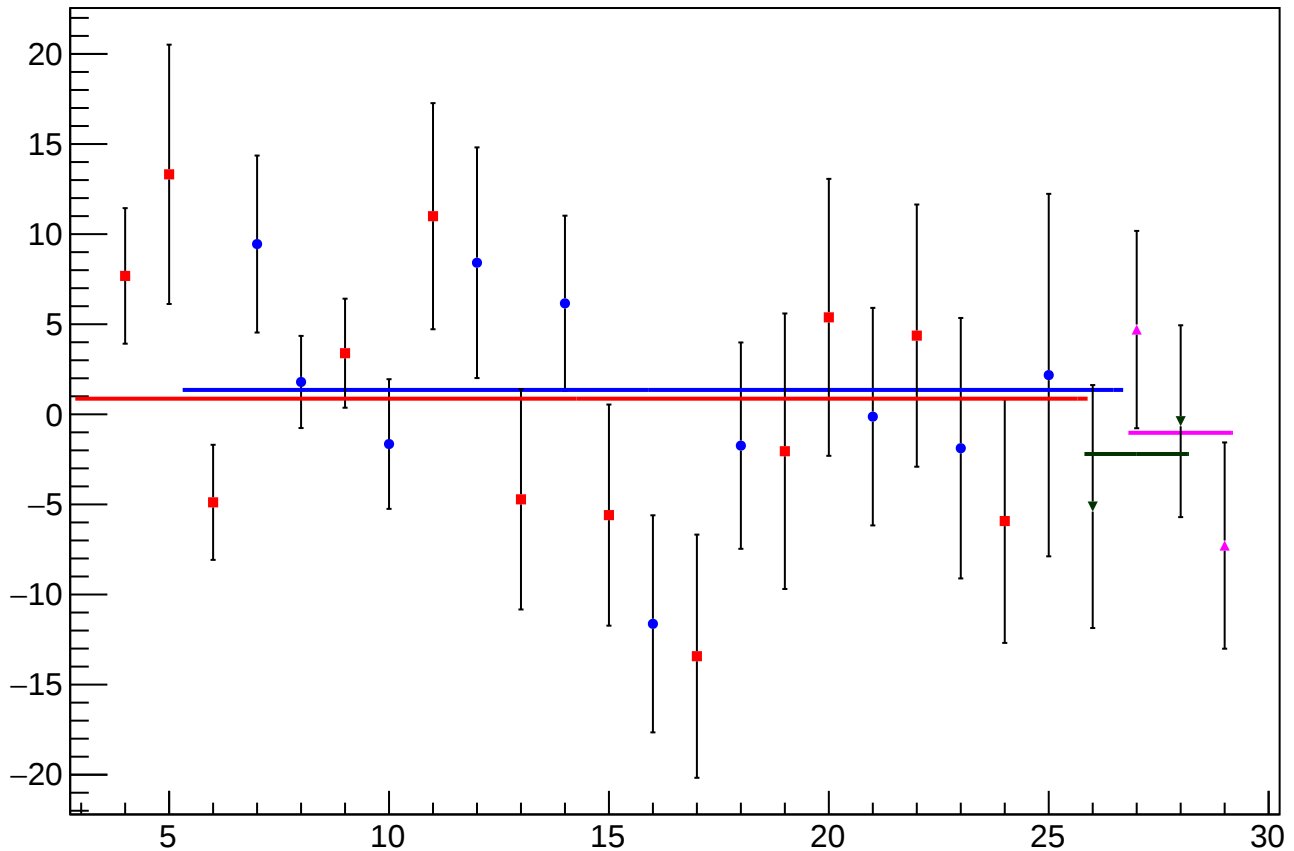
Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

Left In: 9425.739+/-5.127 χ^2/NDF : 377.8/1

8385.999+/-2.165 χ^2/NDF : 398114.6/11

8235.014+/-2.065 χ^2/NDF : 296940.0/13

diff_bpm1Y_mean vs slug



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

Left Out: -2.201 ± 4.178 χ^2/NDF : 0.3/1

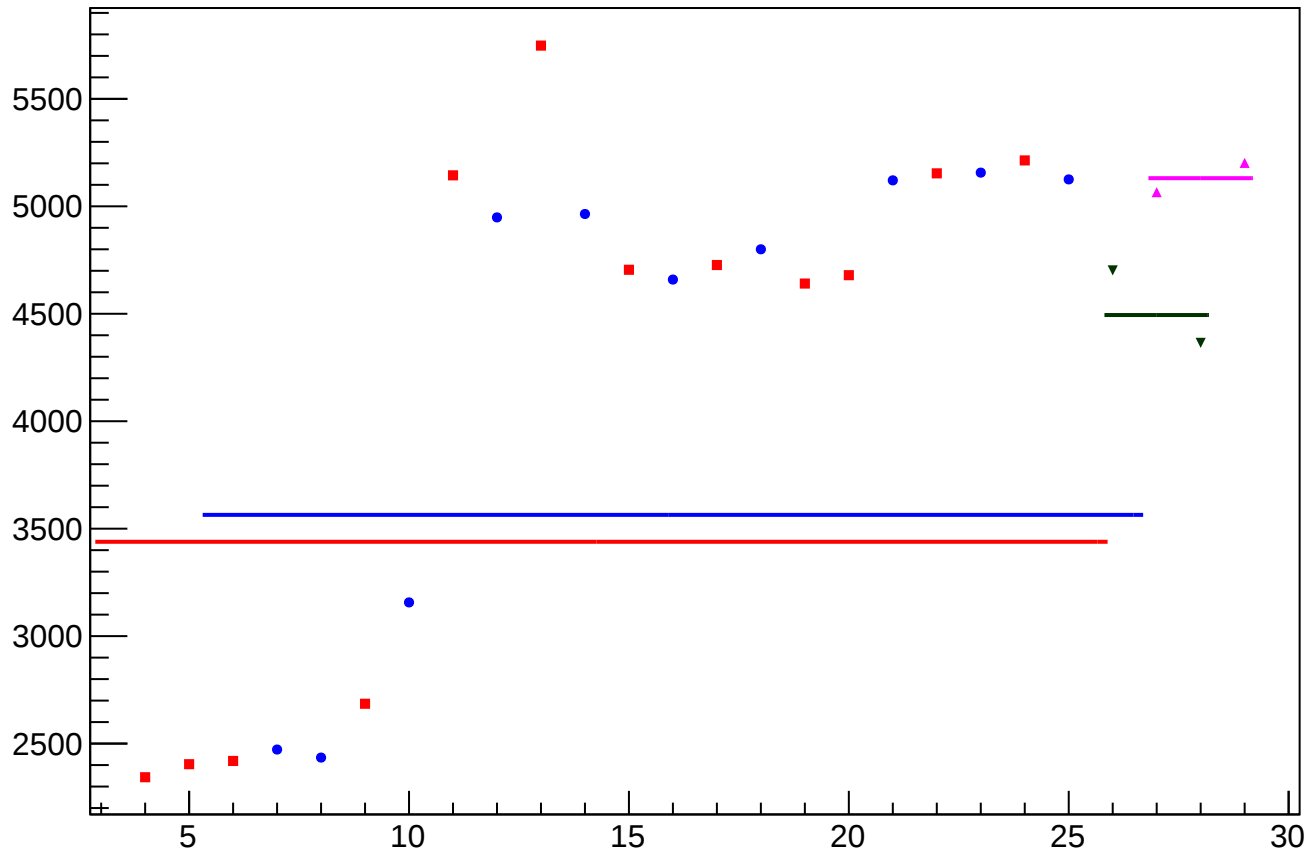
Right Out: 0.868 ± 1.454 χ^2/NDF : 21.0/11

Left In: -1.026 ± 3.957 χ^2/NDF : 2.3/1

0.955 ± 1.400 χ^2/NDF : 11.8/11

0.643 ± 1.365 χ^2/NDF : 23.5/13

diff_bpm1Y_rms vs slug



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

Left Out: 4494.174 ± 2.954 χ^2/NDF : 3081.8/1

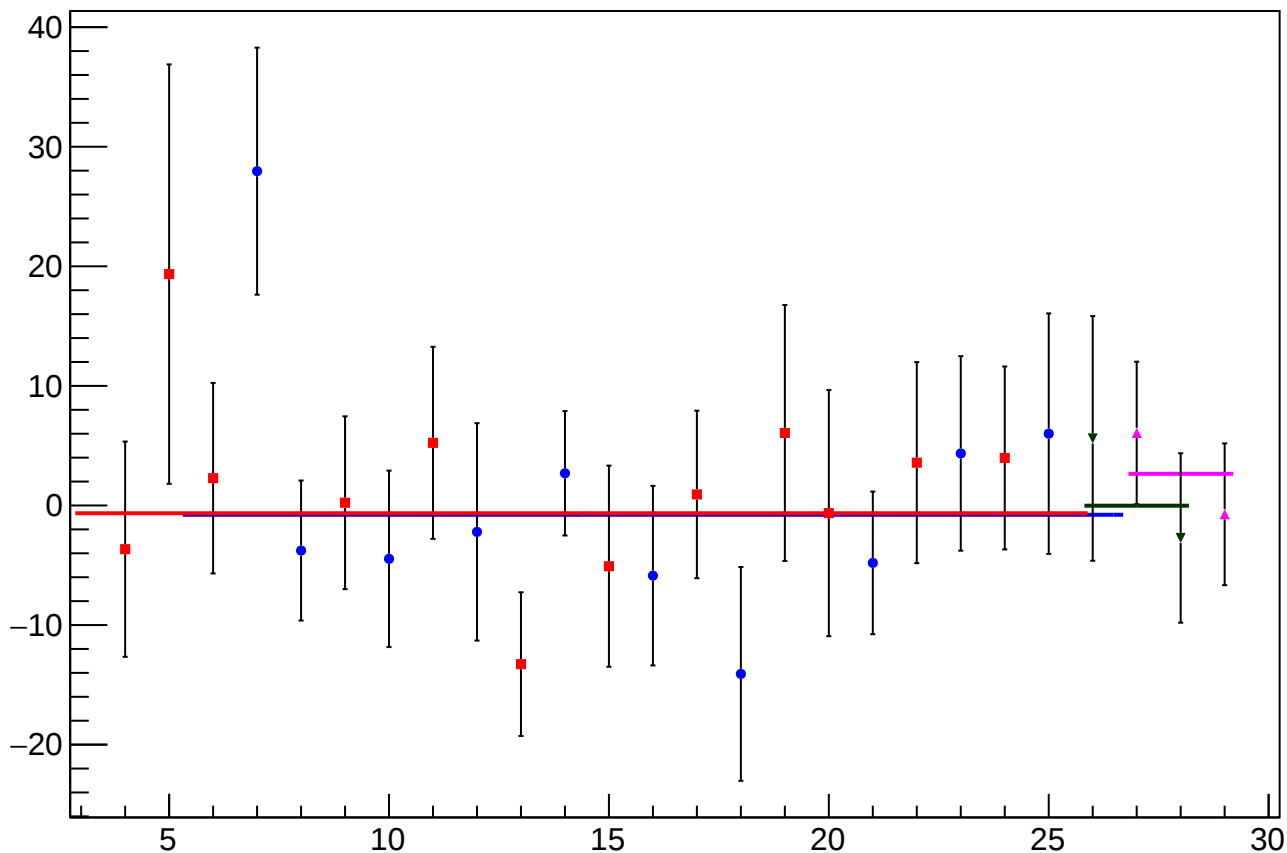
Right Out: 3439.033 ± 1.028 χ^2/NDF : 1480366.2/11

Left In: 5130.990 ± 2.798 χ^2/NDF : 592.4/1

3668.664 ± 0.990 χ^2/NDF : 1302472.3/11

3640.434 ± 0.965 χ^2/NDF : 1803147.7/13

diff_bpm11X_mean vs slug



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

Left Out: -0.019 ± 5.825 χ^2/NDF : 0.4/1

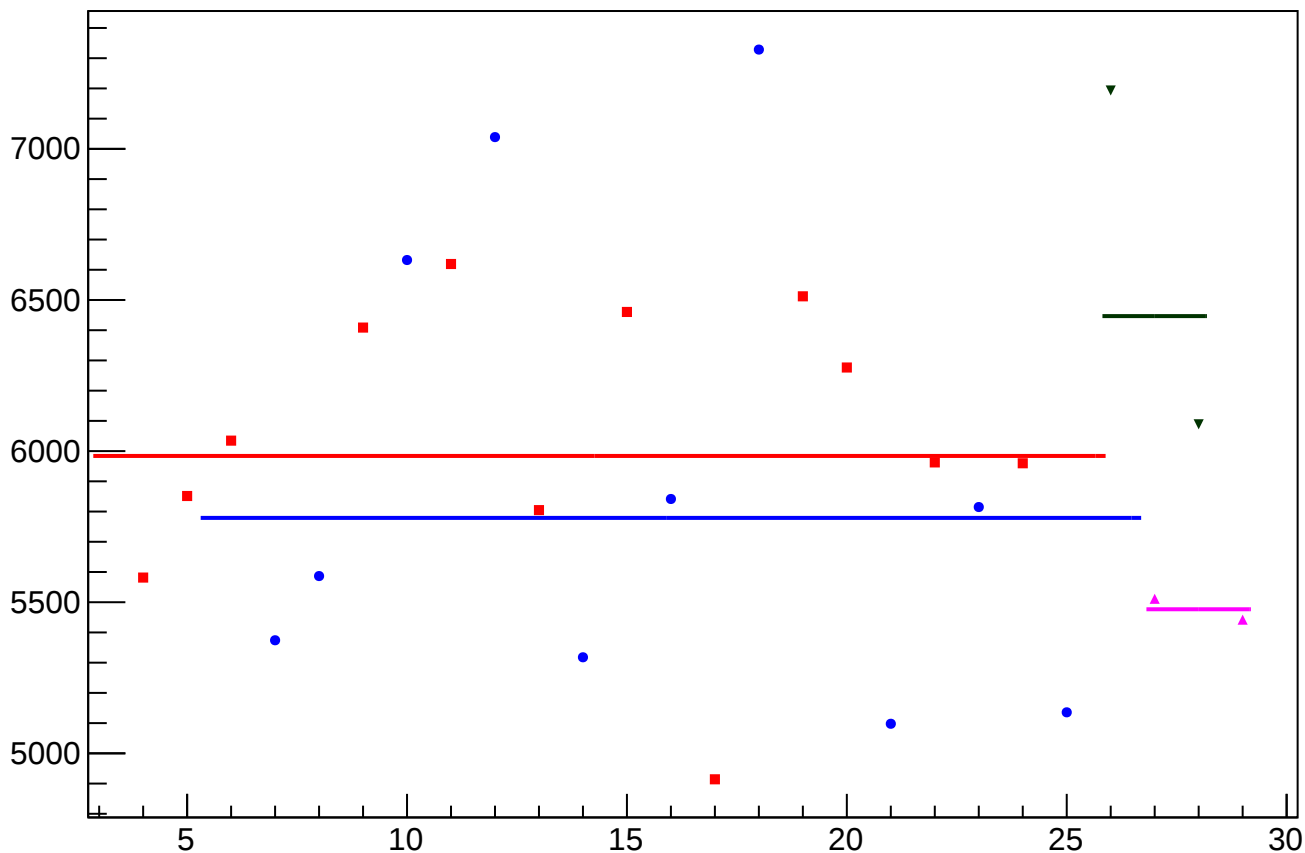
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

Left In: 2.647 ± 4.202 χ^2/NDF : 0.7/1

-0.676 ± 2.138 χ^2/NDF : 13.2/11

0.147 ± 2.066 χ^2/NDF : 9.0/13

diff_bpm11X_rms vs slug



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

Left Out: 6446.689+/-4.119 χ^2/NDF :15754.2/1

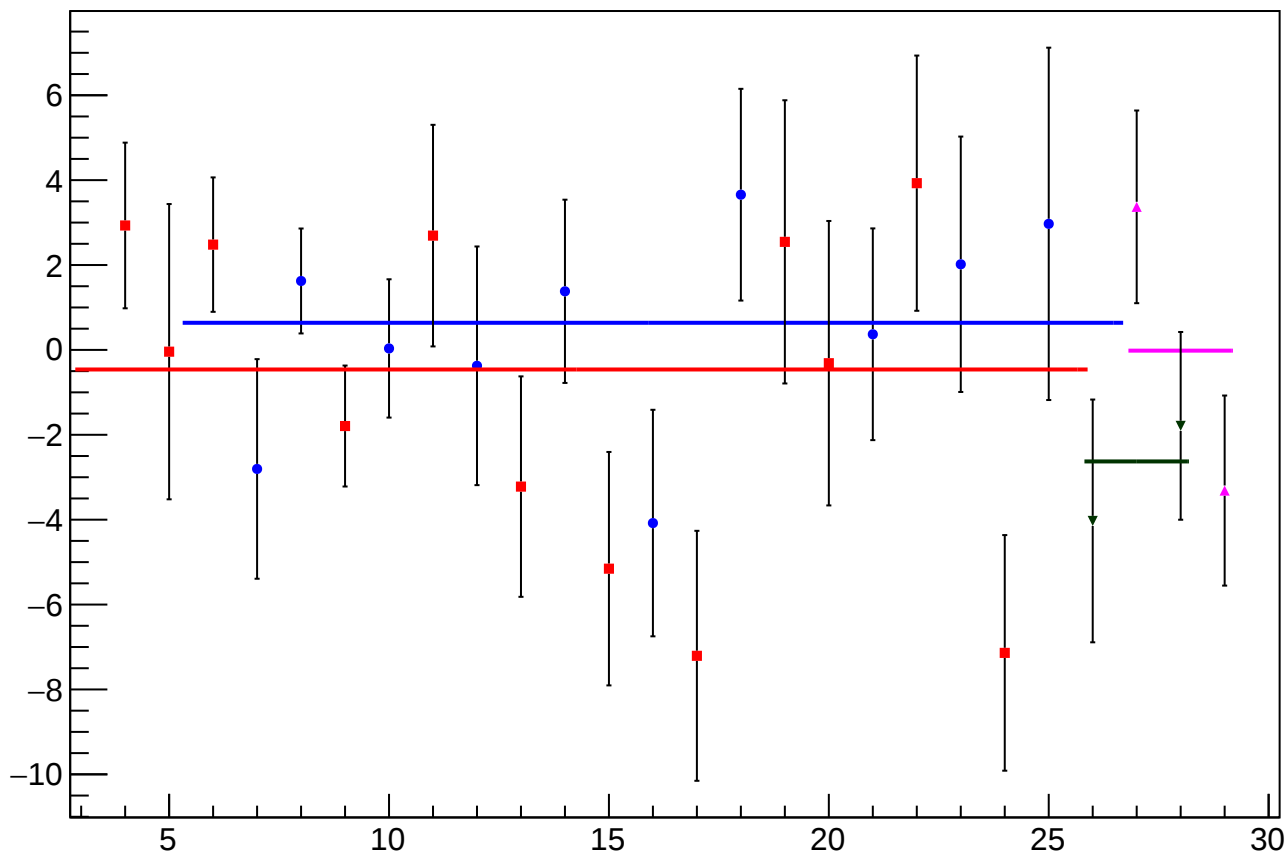
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5476.700+/-2.972 χ^2/NDF :135.3/1

5868.961+/-1.512 χ^2/NDF : 219170.6/11

5861.381+/-1.461 χ^2/NDF : 107243.4/13

diff_bpm11Y_mean vs slug



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

Left Out: -2.628 ± 1.750 $\chi^2/\text{NDF}: 0.4/1$

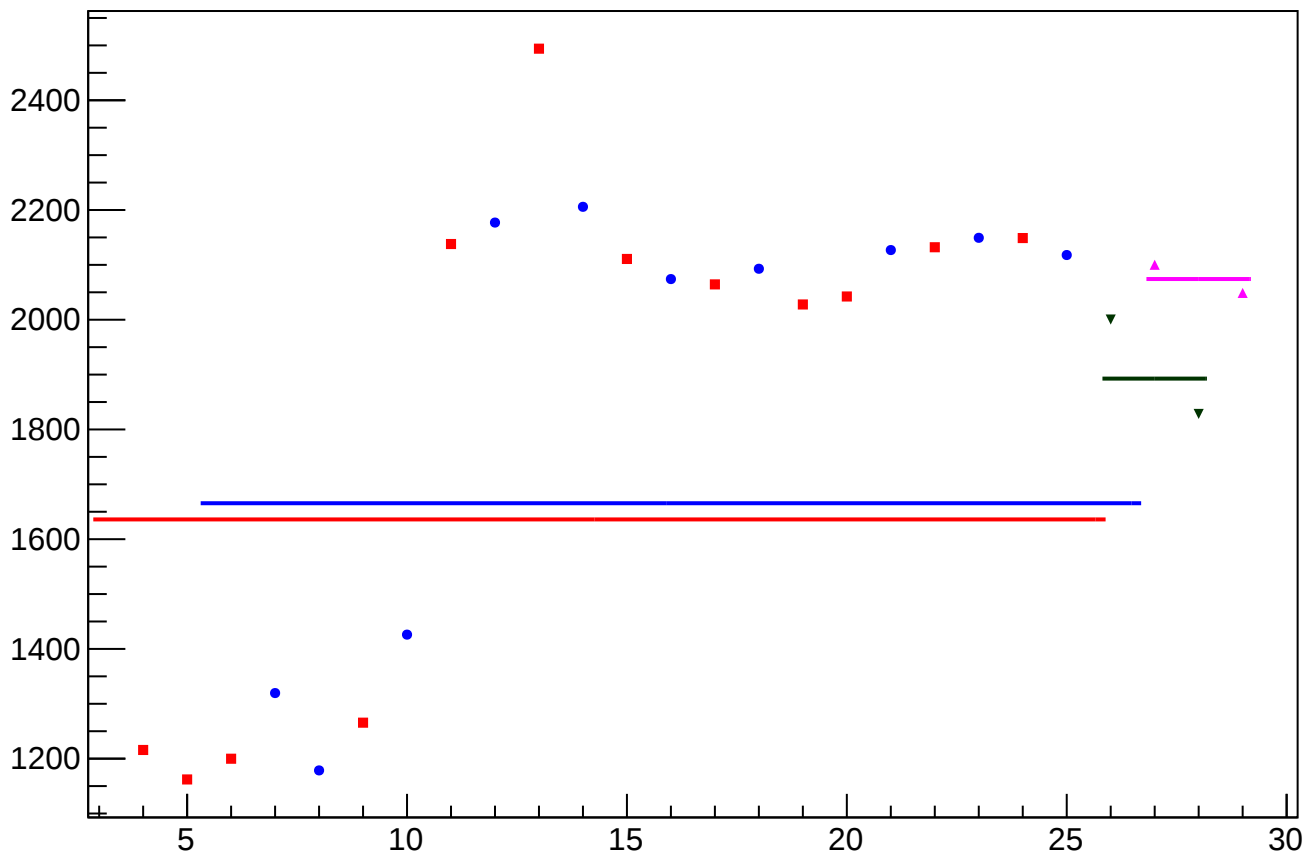
Right Out: -0.461 ± 0.674 $\chi^2/\text{NDF}: 26.8/11$

Left In: -0.017 ± 1.594 $\chi^2/\text{NDF}: 4.4/1$

0.209 ± 0.635 $\chi^2/\text{NDF}: 11.3/11$

-0.394 ± 0.621 $\chi^2/\text{NDF}: 31.3/13$

diff_bpm11Y_rms vs slug



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

Left Out: 1892.690+/-1.237 χ^2/NDF :4530.3/1

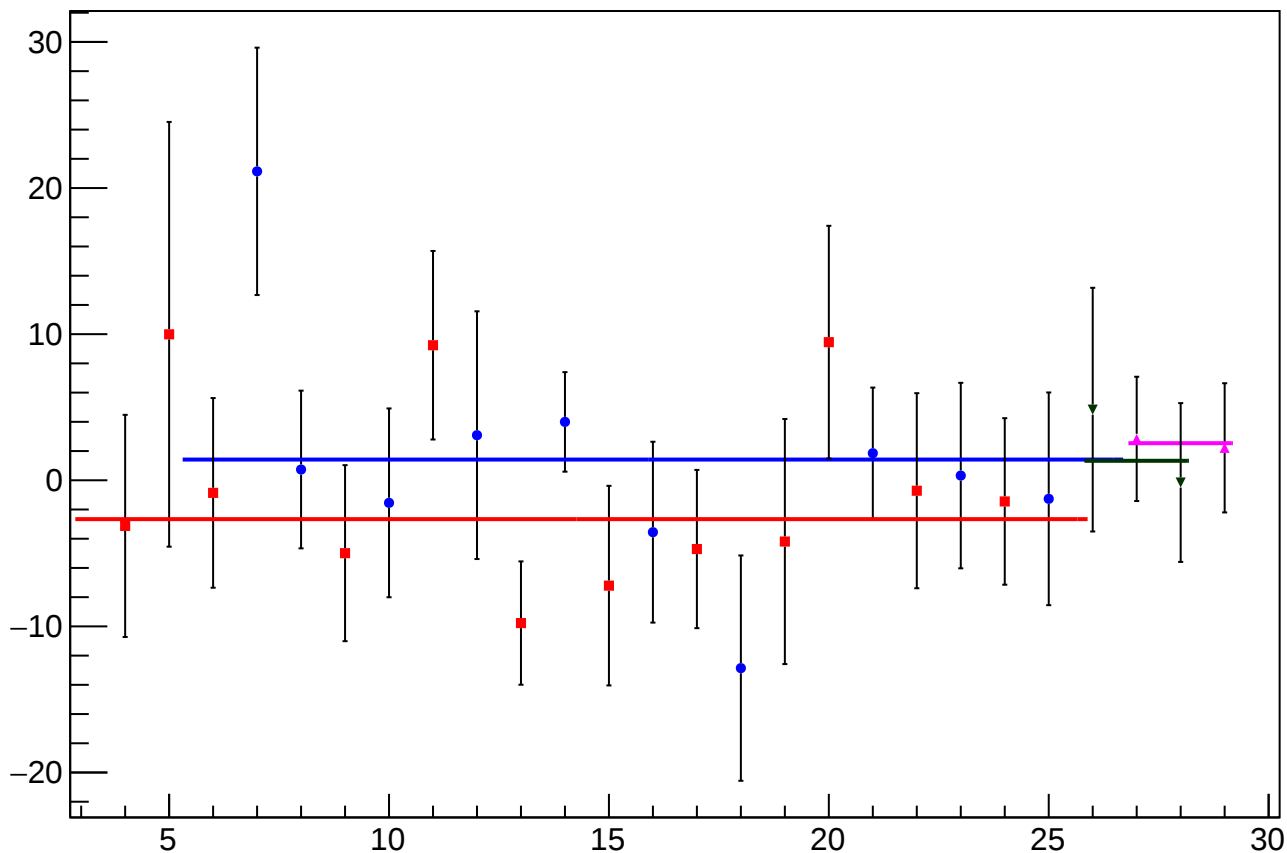
Right Out: 1636.018+/-0.477 χ^2/NDF : 990659.4/11

Left In: 2074.196+/-1.127 χ^2/NDF :518.5/1

1695.475+/-0.449 χ^2/NDF : 864166.1/11

1702.549+/-0.439 χ^2/NDF : 1119351.0/13

diff_bpm12X_mean vs slug



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

Left Out: 1.333 ± 4.553 χ^2/NDF : 0.3/1

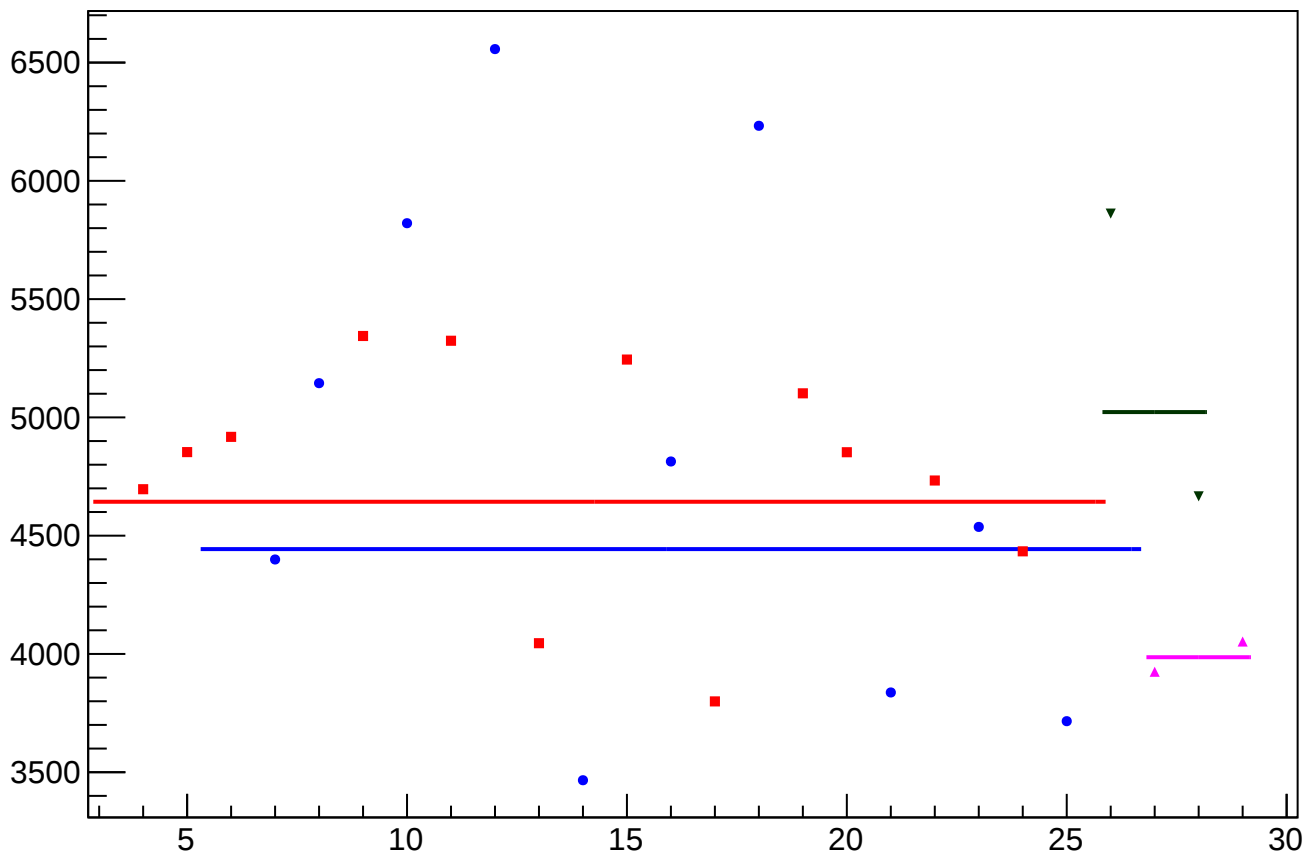
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 2.538 ± 3.065 χ^2/NDF : 0.0/1

1.407 ± 1.674 χ^2/NDF : 10.8/11

-1.273 ± 1.584 χ^2/NDF : 12.4/13

diff_bpm12X_rms vs slug



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

Left Out: 5022.500+/-3.219 χ^2/NDF : 28835.7/1

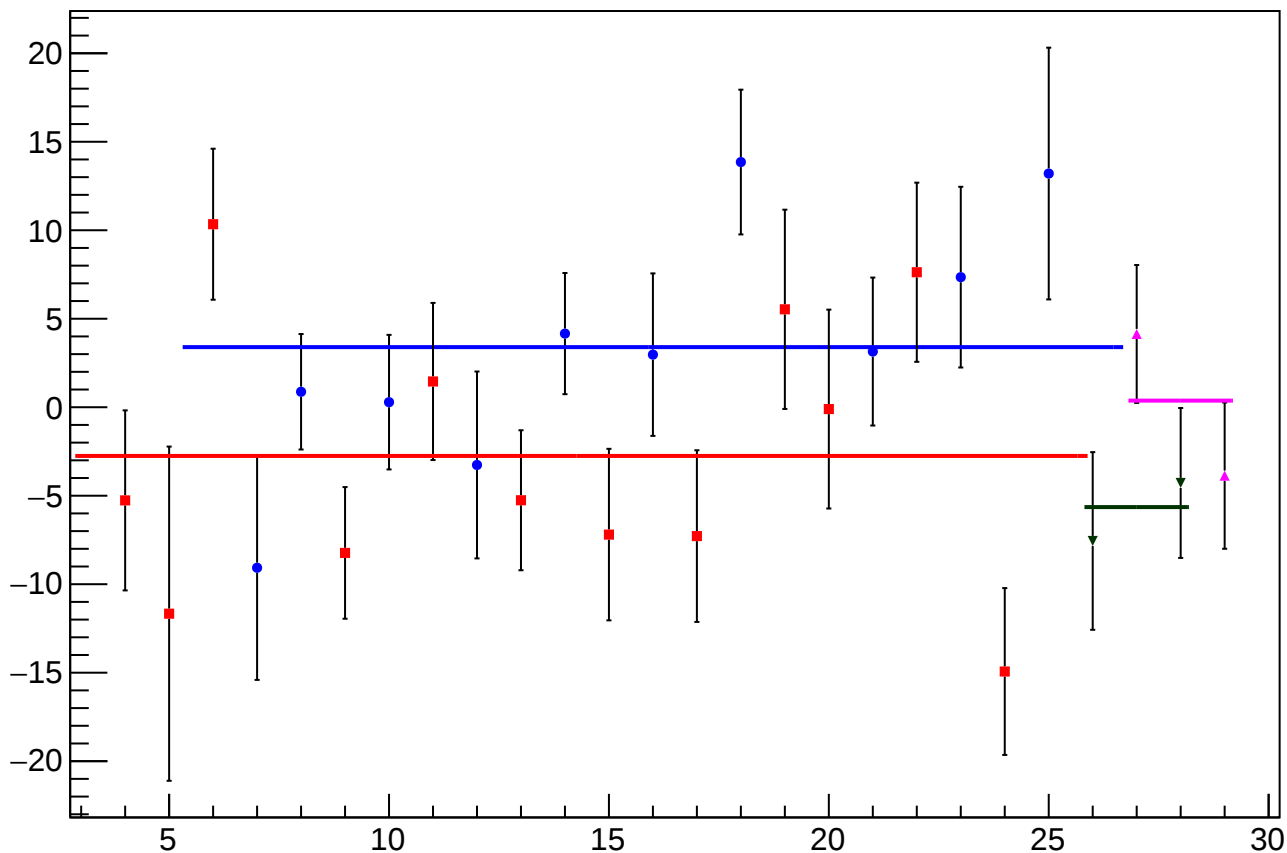
Right Out: 4643.387+/-1.308 χ^2/NDF : 168050.7/11

Left In: 3986.157+/-2.167 χ^2/NDF : 867.8/1

4521.555+/-1.184 χ^2/NDF : 642201.7/11

4467.903+/-1.120 χ^2/NDF : 236328.5/13

diff_bpm12Y_mean vs slug



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

Left Out: -5.642 ± 3.237 $\chi^2/\text{NDF}: 0.2/1$

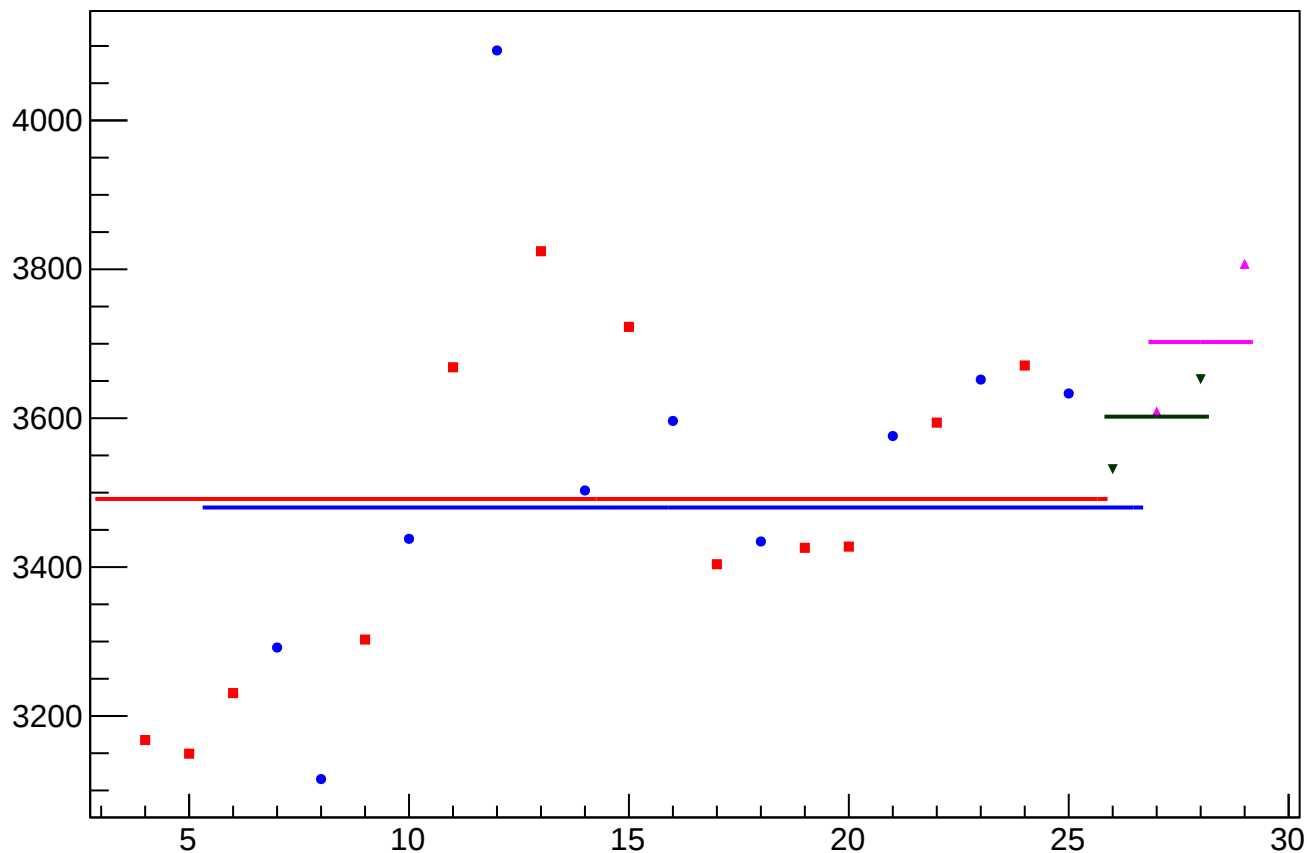
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

Left In: 0.374 ± 2.835 $\chi^2/\text{NDF}: 2.0/1$

2.021 ± 1.263 $\chi^2/\text{NDF}: 22.7/11$

-2.152 ± 1.242 $\chi^2/\text{NDF}: 32.0/13$

diff_bpm12Y_rms vs slug



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

Left Out: 3602.080+/-2.289 χ^2/NDF : 677.4/1

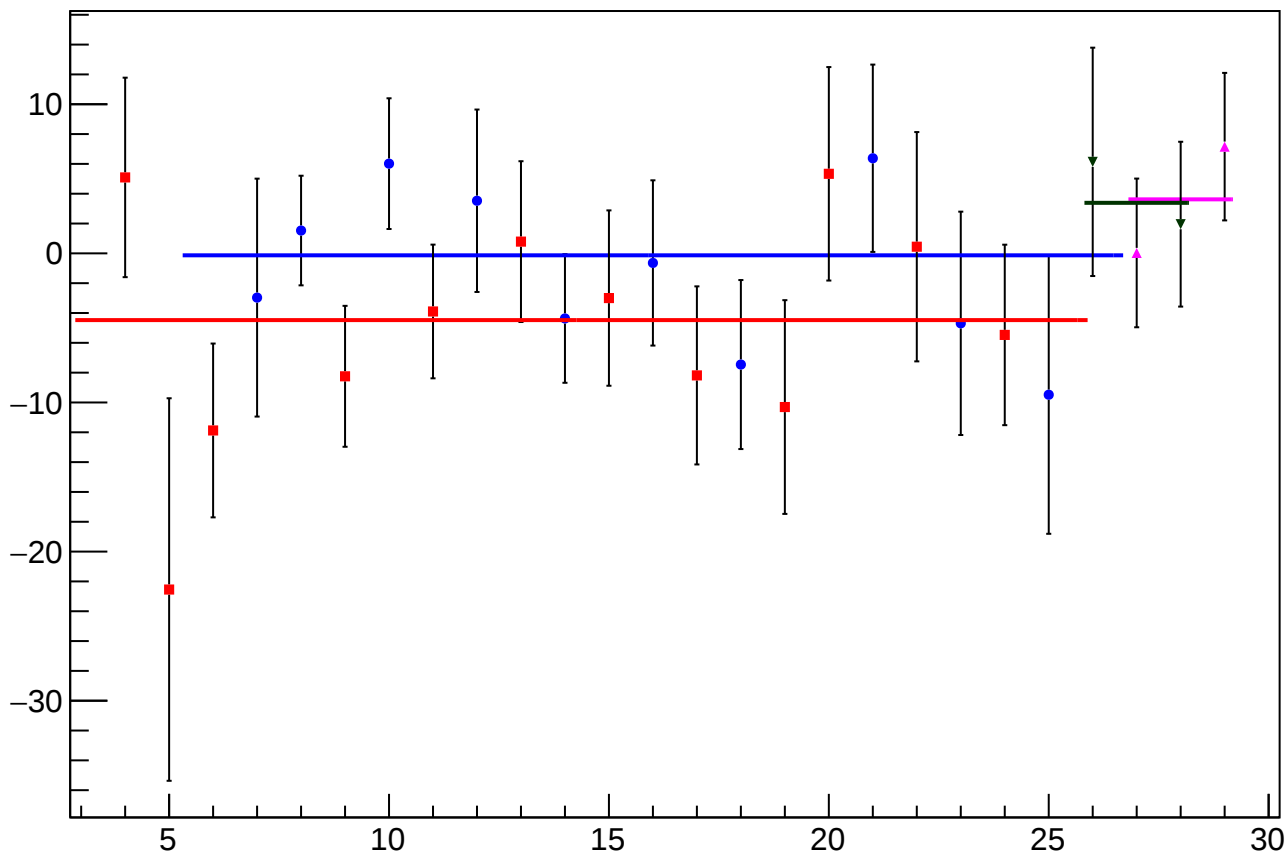
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

Left In: 3702.353+/-2.004 χ^2/NDF : 2438.7/1

3498.629+/-0.893 χ^2/NDF : 63002.7/11

3531.994+/-0.878 χ^2/NDF : 61523.4/13

diff_bpm16X_mean vs slug



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

Left Out: 3.389 ± 4.481 χ^2/NDF : 0.2/1

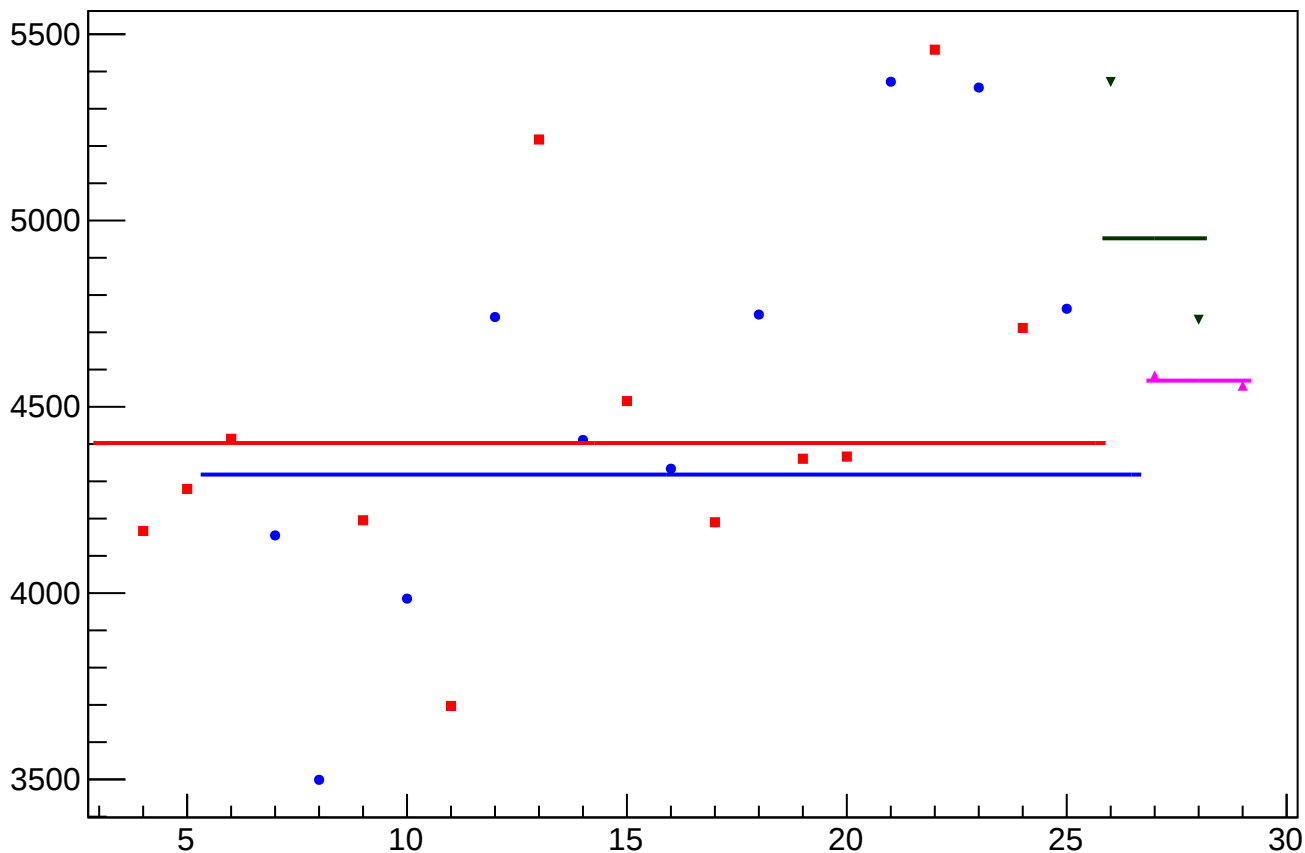
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 3.621 ± 3.511 χ^2/NDF : 1.0/1

0.318 ± 1.600 χ^2/NDF : 8.5/11

-2.867 ± 1.565 χ^2/NDF : 16.0/13

diff_bpm16X_rms vs slug



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

Left Out: 4952.250 ± 3.169 χ^2/NDF : 9133.6/1

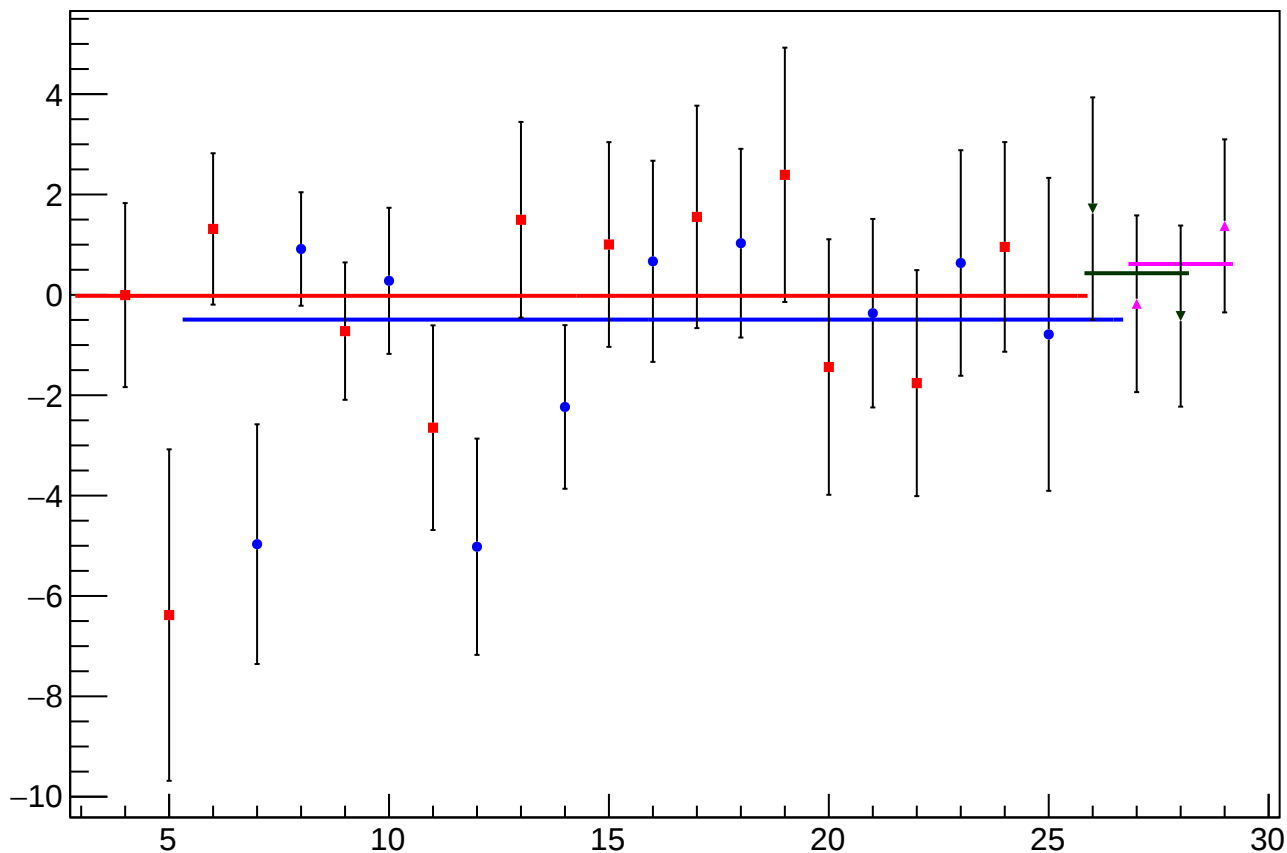
Right Out: 4402.778 ± 1.237 χ^2/NDF : 148052.0/11

Left In: 4570.307 ± 2.483 χ^2/NDF : 30.2/1

4399.033 ± 1.132 χ^2/NDF : 277191.5/11

4436.072 ± 1.107 χ^2/NDF : 151730.0/13

diff_bpm16Y_mean vs slug



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

Left Out: 0.431 ± 1.399 χ^2/NDF : 0.6/1

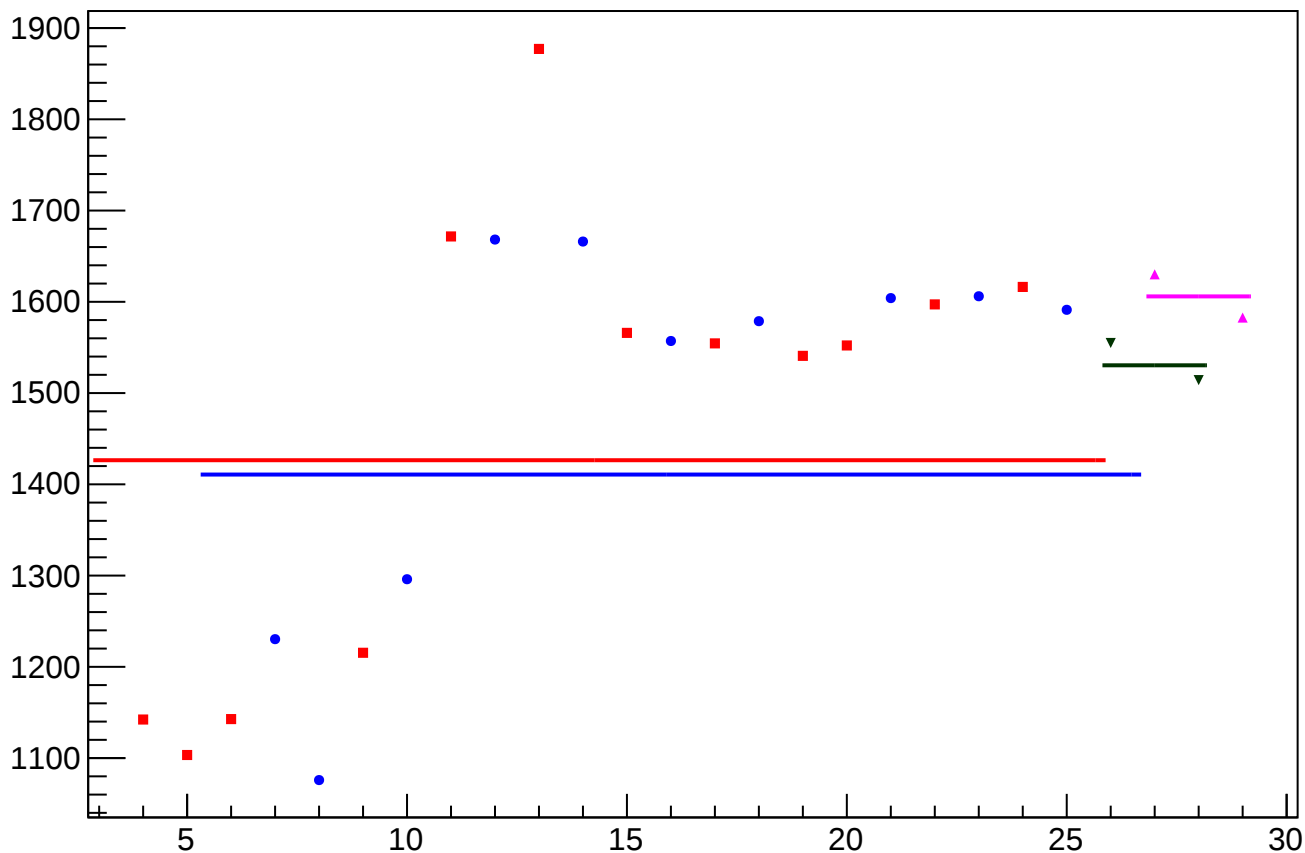
Right Out: -0.019 ± 0.573 χ^2/NDF : 9.8/11

Left In: 0.615 ± 1.232 χ^2/NDF : 0.4/1

-0.364 ± 0.524 χ^2/NDF : 13.1/11

0.094 ± 0.520 χ^2/NDF : 10.4/13

diff_bpm16Y_rms vs slug



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

Left Out: 1530.428 $\pm$ 0.989 χ^2/NDF : 405.8/1

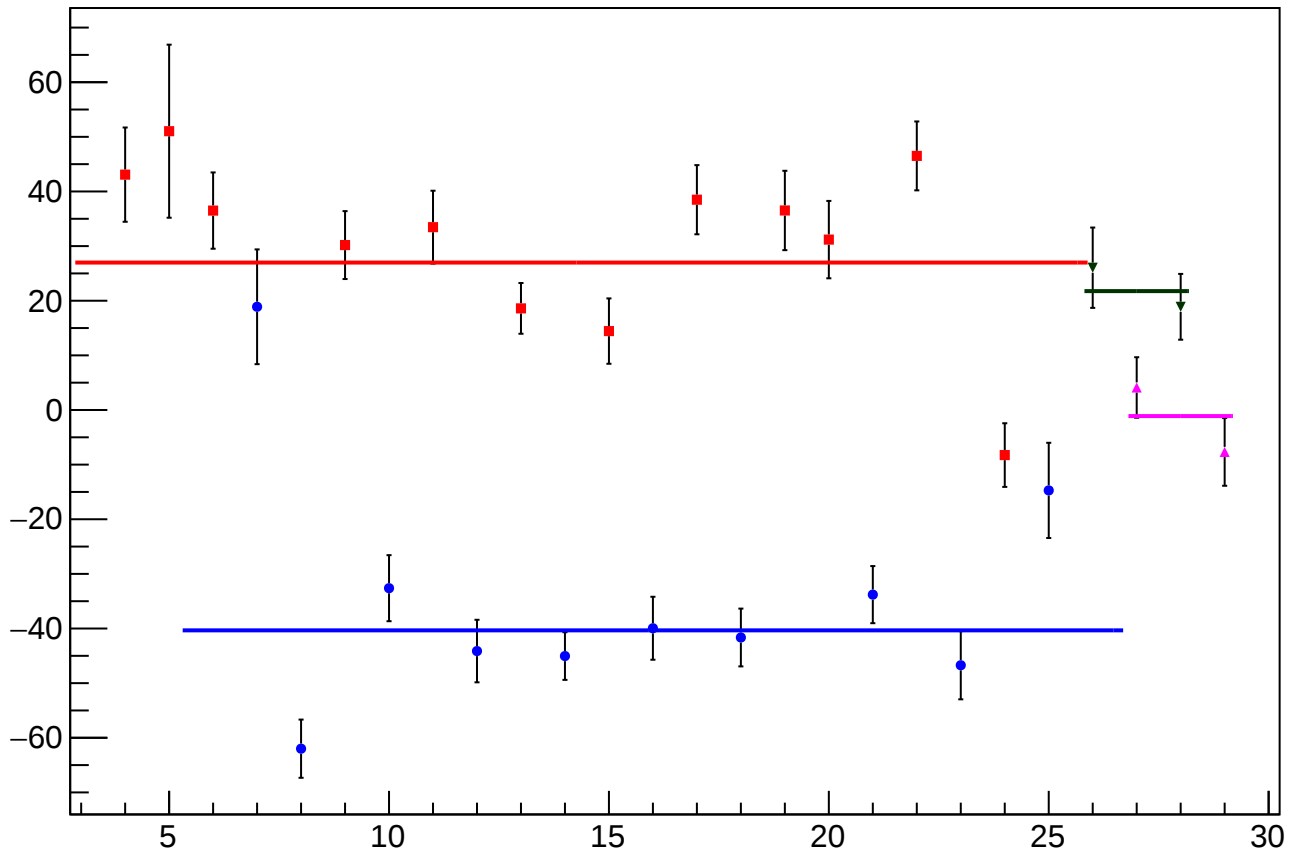
Right Out: 1426.417 $\pm$ 0.405 χ^2/NDF : 374185.0/11

Left In: 1605.940 $\pm$ 0.871 χ^2/NDF : 739.4/1

1427.478 $\pm$ 0.370 χ^2/NDF : 359456.0/11

1458.340 $\pm$ 0.367 χ^2/NDF : 409840.8/13

diff_bpm0l01X_mean vs slug



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

Left Out: 21.761 ± 4.658 $\chi^2/\text{NDF}: 0.6/1$

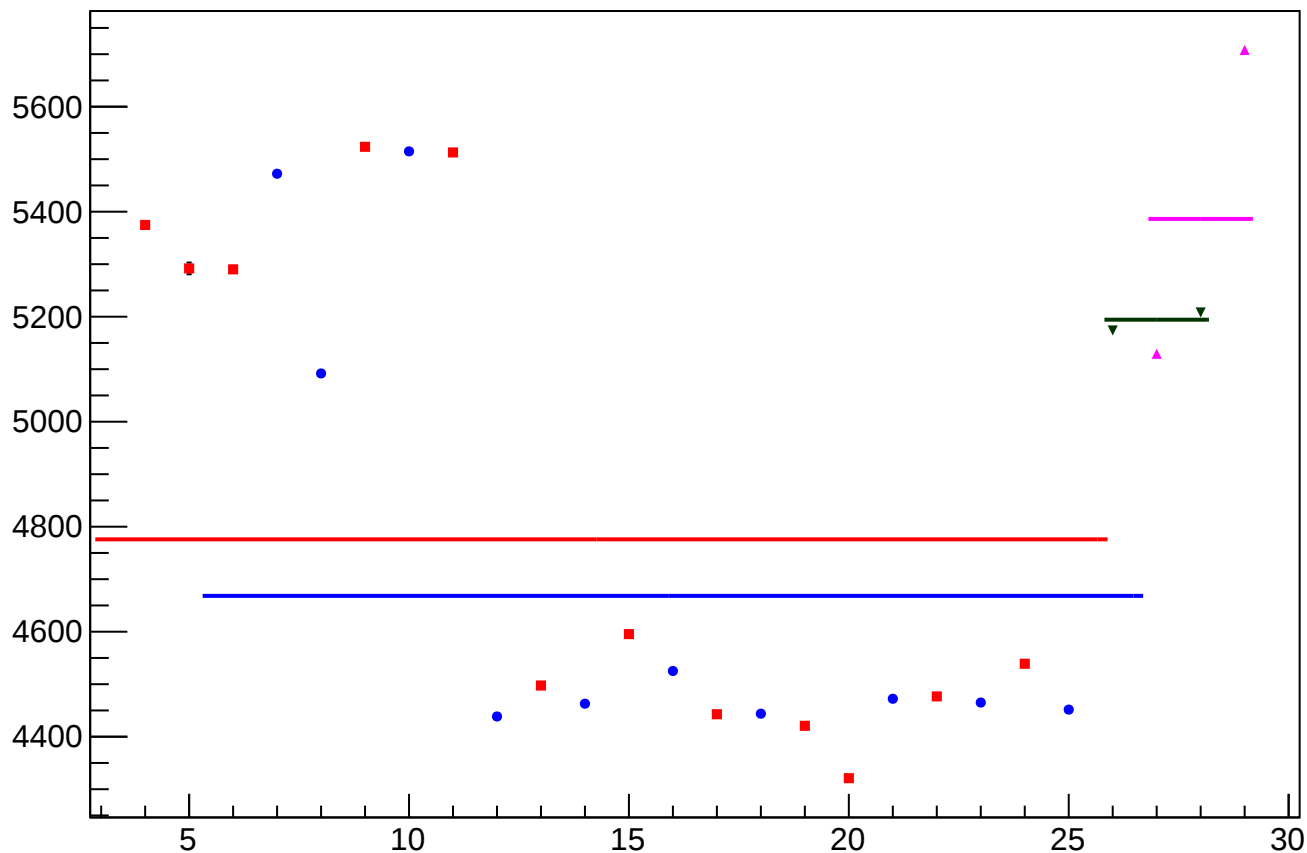
Right Out: 26.988 ± 1.893 $\chi^2/\text{NDF}: 68.1/11$

Left In: -1.115 ± 4.128 $\chi^2/\text{NDF}: 2.0/1$

-31.973 ± 1.710 $\chi^2/\text{NDF}: 217.2/11$

22.106 ± 1.721 $\chi^2/\text{NDF}: 108.4/13$

diff_bpm0l01X_rms vs slug



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

Left Out: 5194.294+/-3.294 χ^2/NDF : 26.1/1

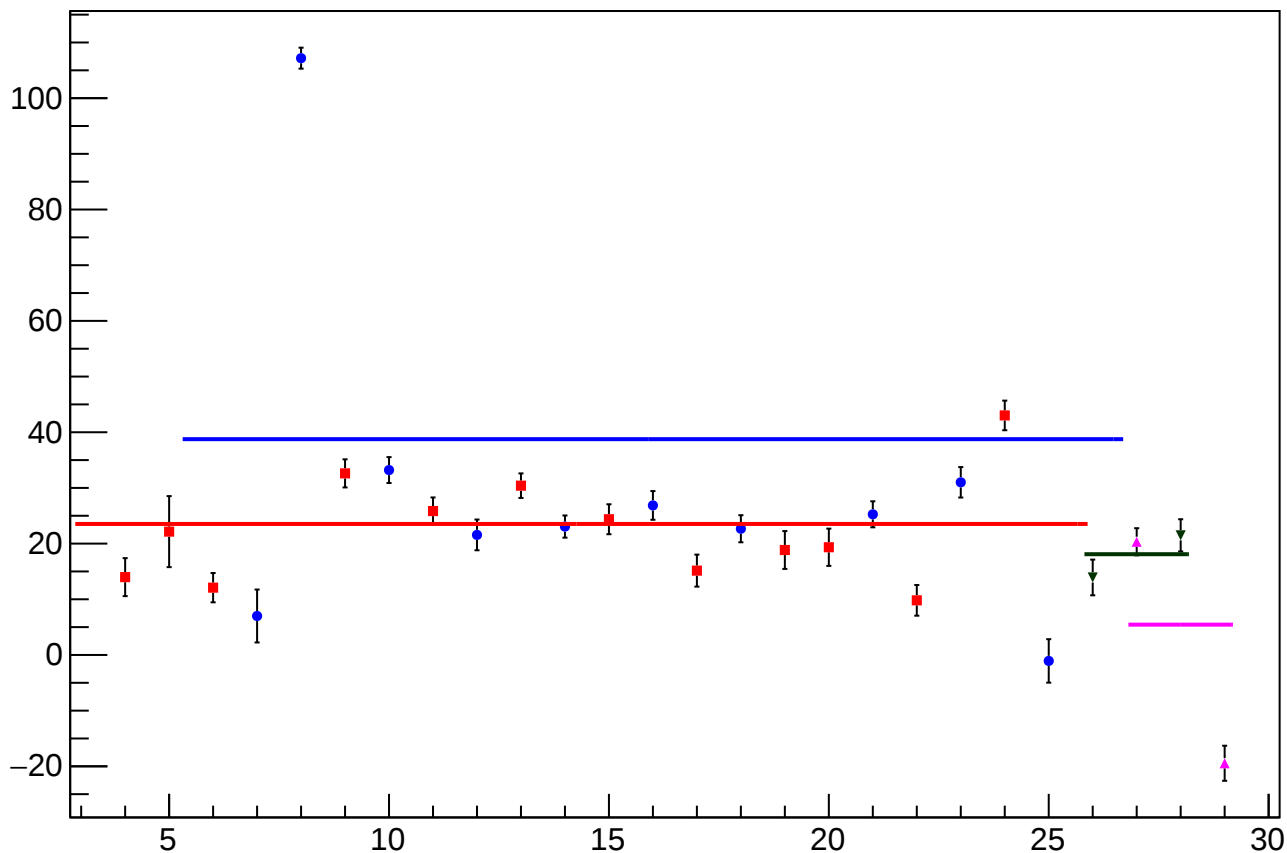
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

Left In: 5386.214+/-2.919 χ^2/NDF : 9700.3/1

4739.118+/-1.209 χ^2/NDF : 104356.4/11

4881.937+/-1.217 χ^2/NDF : 157167.6/13

diff_bpm0l01Y_mean vs slug



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

Left Out: 18.096+/-2.146 χ^2 /NDF:3.1/1

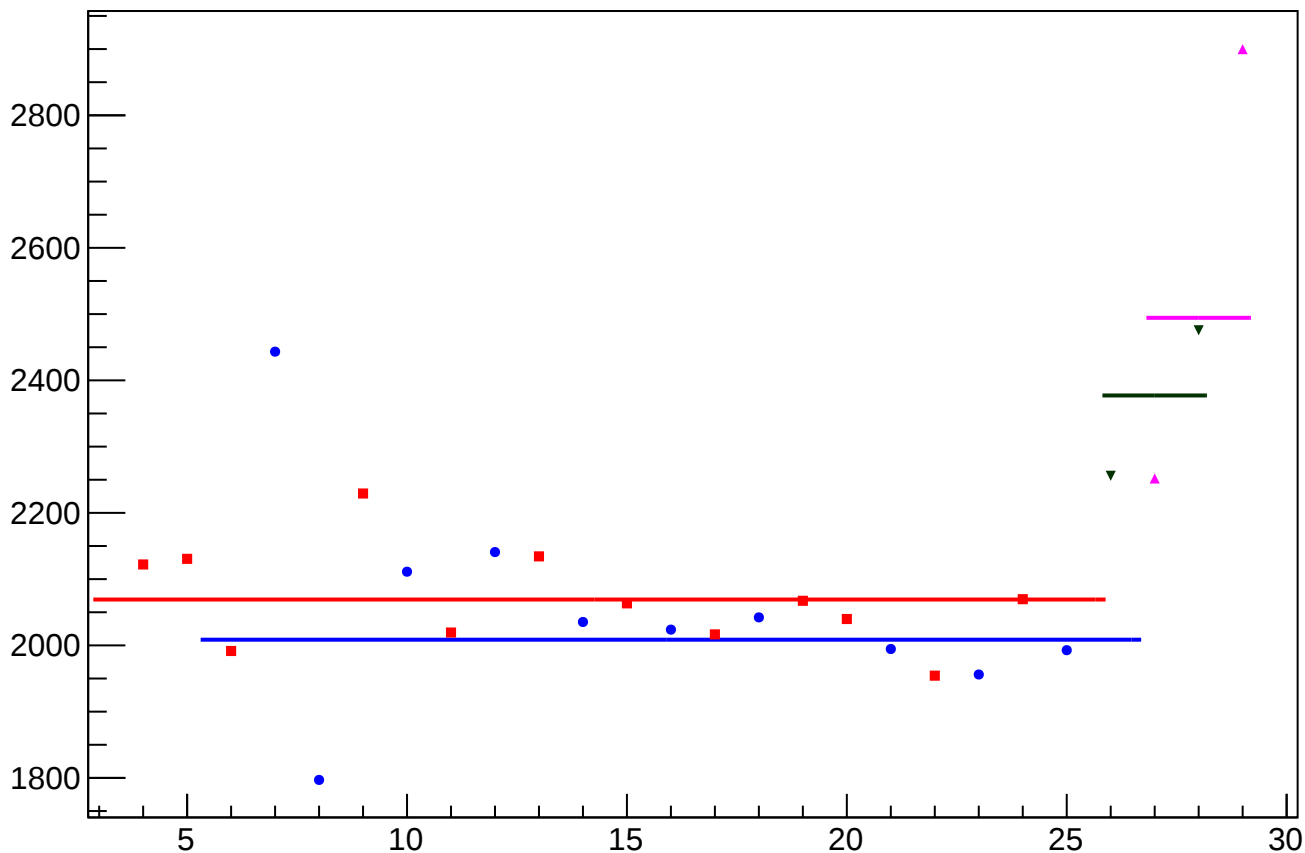
Right Out: 23.530+/-0.818 χ^2 /NDF: 140.9/11

Left In: 5.444+/-1.927 χ^2 /NDF:99.8/1

36.283+/-0.743 χ^2 /NDF: 1765.2/11

20.765+/-0.753 χ^2 /NDF: 315.4/13

diff_bpm0l01Y_rms vs slug



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

Left Out: 2377.178+/-1.518 χ^2/NDF : 5175.7/1

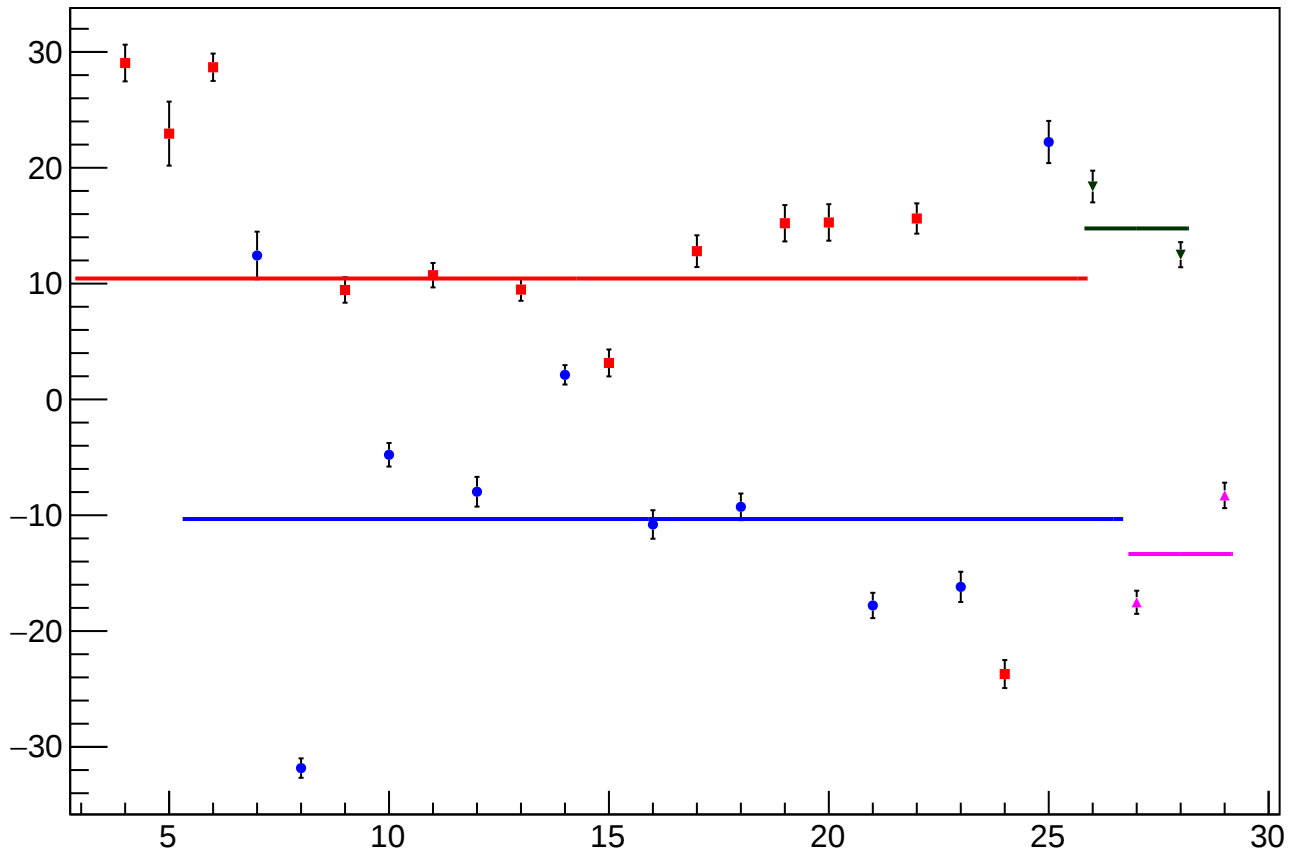
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 2494.393+/-1.362 χ^2/NDF : 52975.6/1

2052.717+/-0.525 χ^2/NDF : 109167.2/11

2134.229+/-0.533 χ^2/NDF : 152803.0/13

diff_bpm2i01X_mean vs slug



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

Left Out: 14.763 ± 0.850 χ^2/NDF : 11.4/1

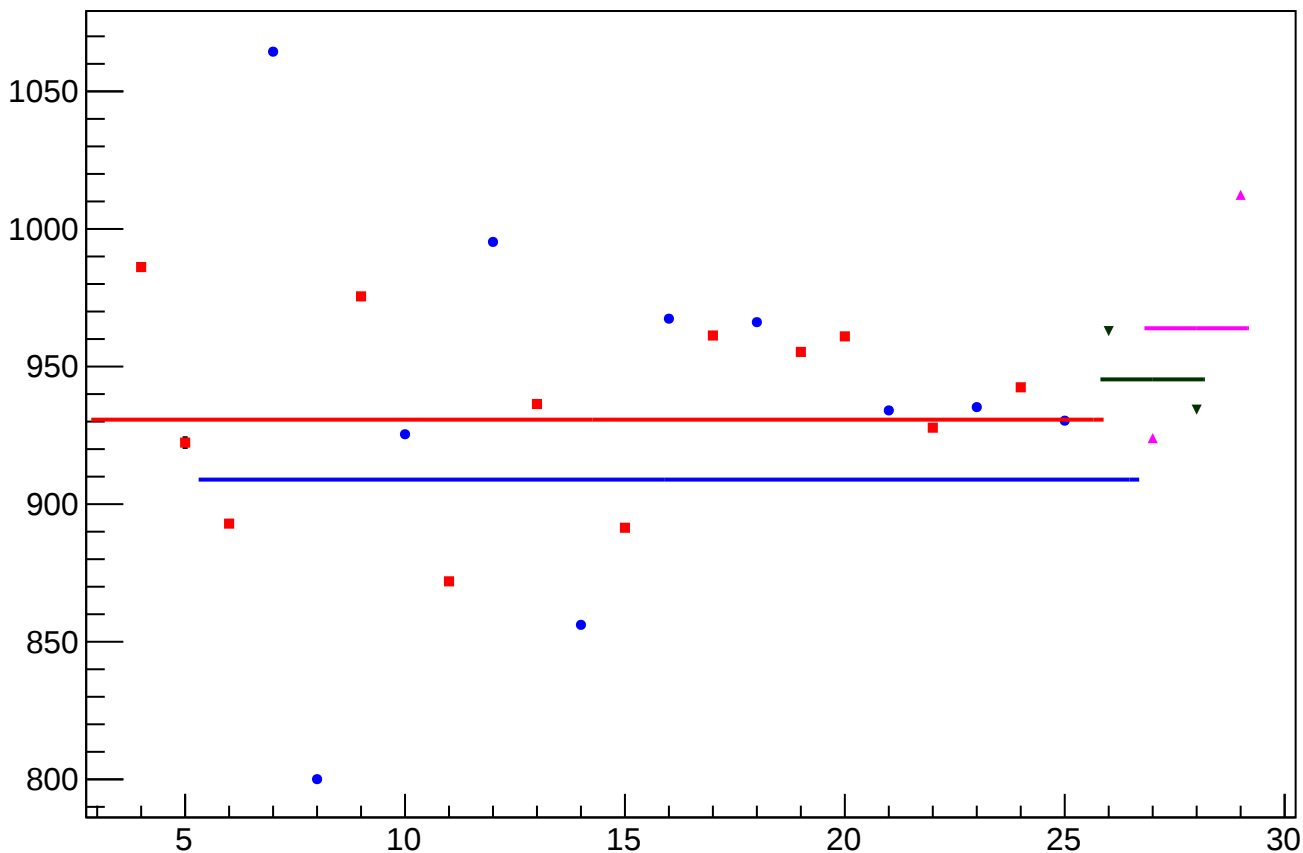
Right Out: 10.440 ± 0.368 χ^2/NDF : 1273.2/11

Left In: -13.349 ± 0.740 χ^2/NDF : 38.5/1

-6.540 ± 0.330 χ^2/NDF : 2172.2/11

5.728 ± 0.329 χ^2/NDF : 2140.3/13

diff_bpm2i01X_rms vs slug



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

Left Out: 945.340+/-0.601 χ^2/NDF : 534.6/1

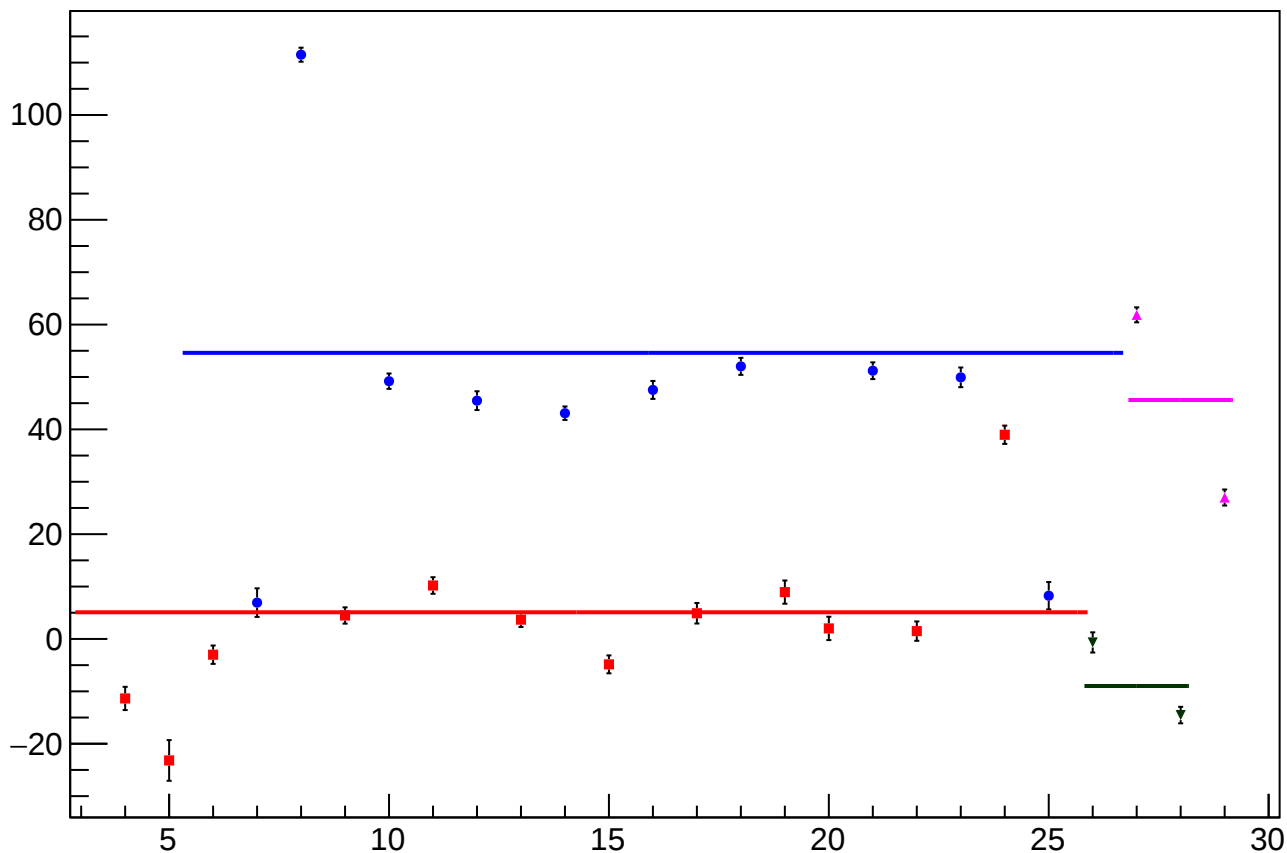
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 963.917+/-0.523 χ^2/NDF : 7066.2/1

914.417+/-0.233 χ^2/NDF : 77887.5/11

937.284+/-0.233 χ^2/NDF : 29114.8/13

diff_bpm2i01Y_mean vs slug



Right In: 54.607 ± 0.526 $\chi^2/\text{NDF}: 2569.1/9$

Left Out: -8.982 ± 1.219 $\chi^2/\text{NDF}: 31.0/1$

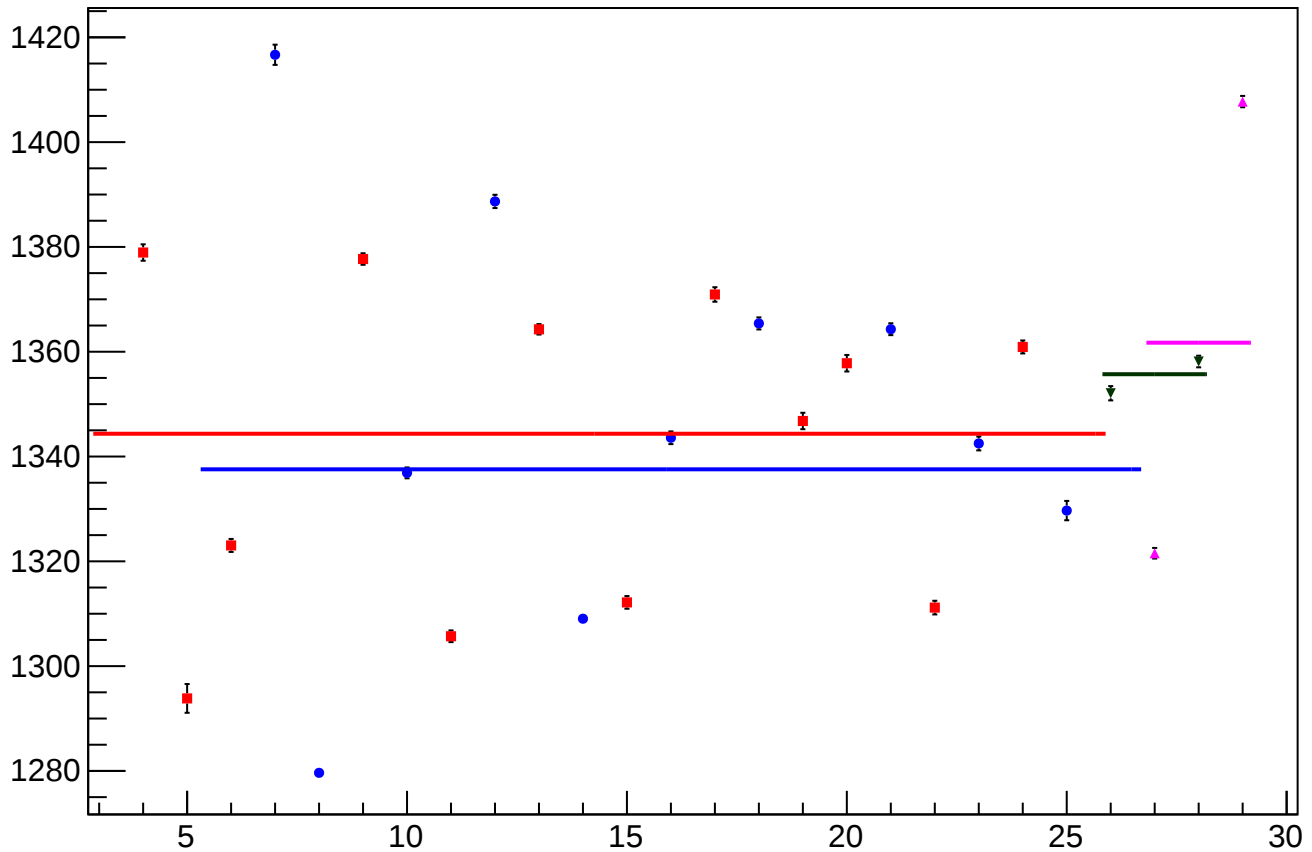
Right Out: 5.087 ± 0.532 $\chi^2/\text{NDF}: 559.1/11$

Left In: 45.606 ± 1.044 $\chi^2/\text{NDF}: 277.4/1$

44.622 ± 0.483 $\chi^2/\text{NDF}: 4893.8/11$

13.428 ± 0.474 $\chi^2/\text{NDF}: 2032.1/13$

diff_bpm2i01Y_rms vs slug



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

Left Out: 1355.709 ± 0.862 χ^2/NDF : 11.9/1

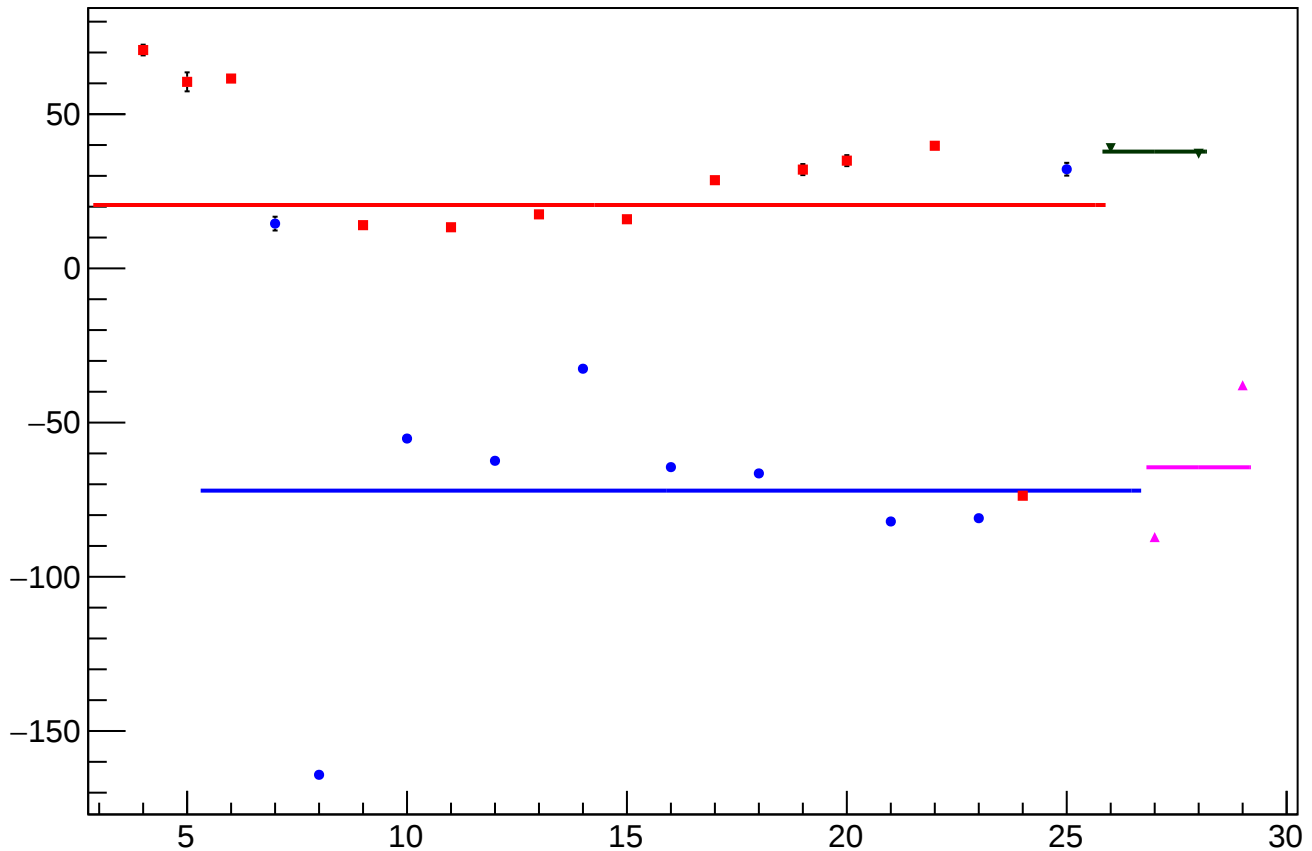
Right Out: 1344.349 ± 0.376 χ^2/NDF : 5607.5/11

Left In: 1361.725 ± 0.738 χ^2/NDF : 3391.2/1

1340.410 ± 0.342 χ^2/NDF : 9612.1/11

1347.926 ± 0.335 χ^2/NDF : 9438.4/13

diff_bpm2i02X_mean vs slug



Right In: -72.062 ± 0.408 $\chi^2/\text{NDF}: 15030.6/9$

Left Out: 37.868 ± 0.964 $\chi^2/\text{NDF}: 0.8/1$

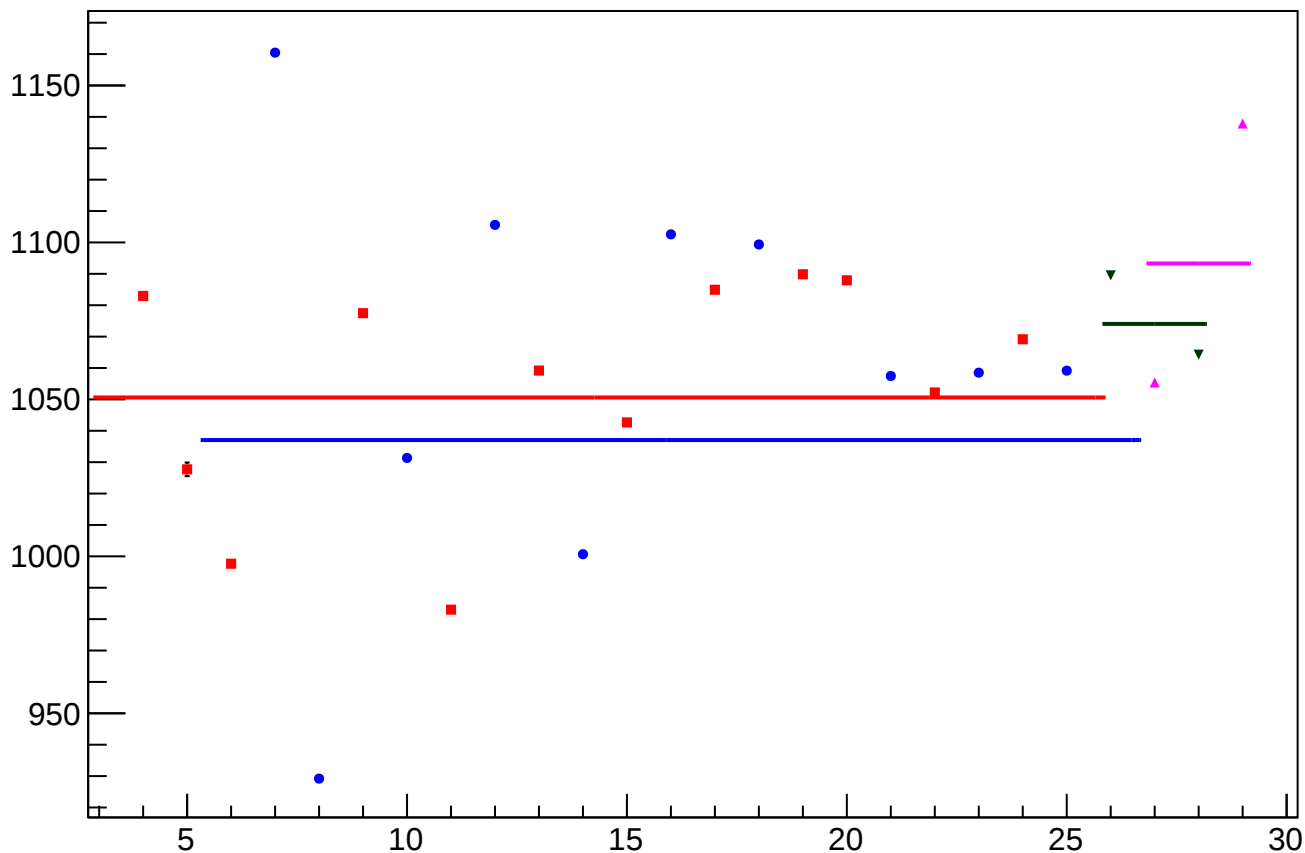
Right Out: 20.554 ± 0.415 $\chi^2/\text{NDF}: 7076.4/11$

Left In: -64.495 ± 0.838 $\chi^2/\text{NDF}: 856.3/1$

-55.372 ± 0.376 $\chi^2/\text{NDF}: 26050.7/11$

3.815 ± 0.372 $\chi^2/\text{NDF}: 16196.5/13$

diff_bpm2i02X_rms vs slug



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

Left Out: 1074.047+/-0.682 χ^2/NDF :325.5/1

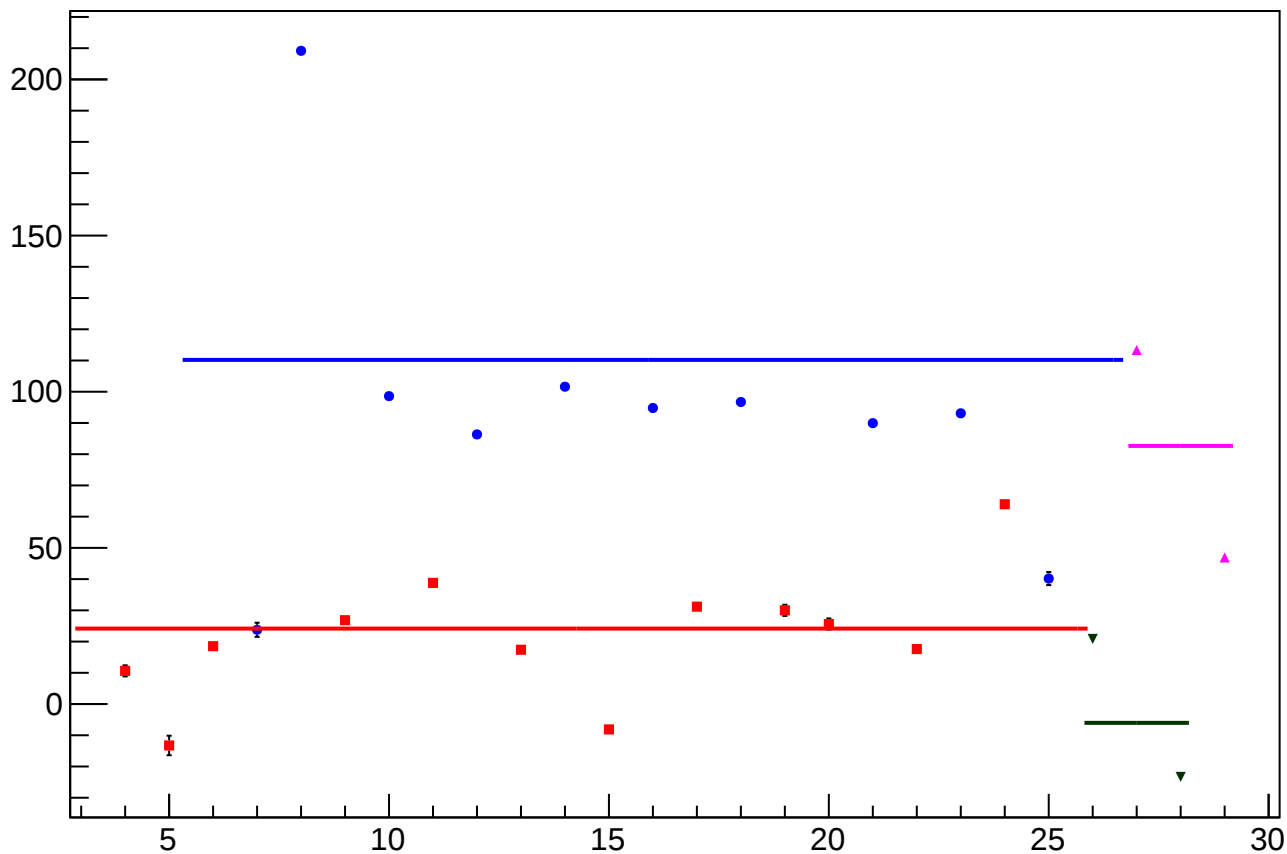
Right Out: 1050.613+/-0.293 χ^2/NDF : 14851.7/11

Left In: 1093.299+/-0.593 χ^2/NDF :4808.3/1

1042.666+/-0.266 χ^2/NDF : 50973.6/11

1059.014+/-0.263 χ^2/NDF : 23823.6/13

diff_bpm2i02Y_mean vs slug



Right In: 110.199+/-0.415 χ^2/NDF : 13303.9/9

Left Out: -6.023+/-0.969 χ^2/NDF : 495.9/1

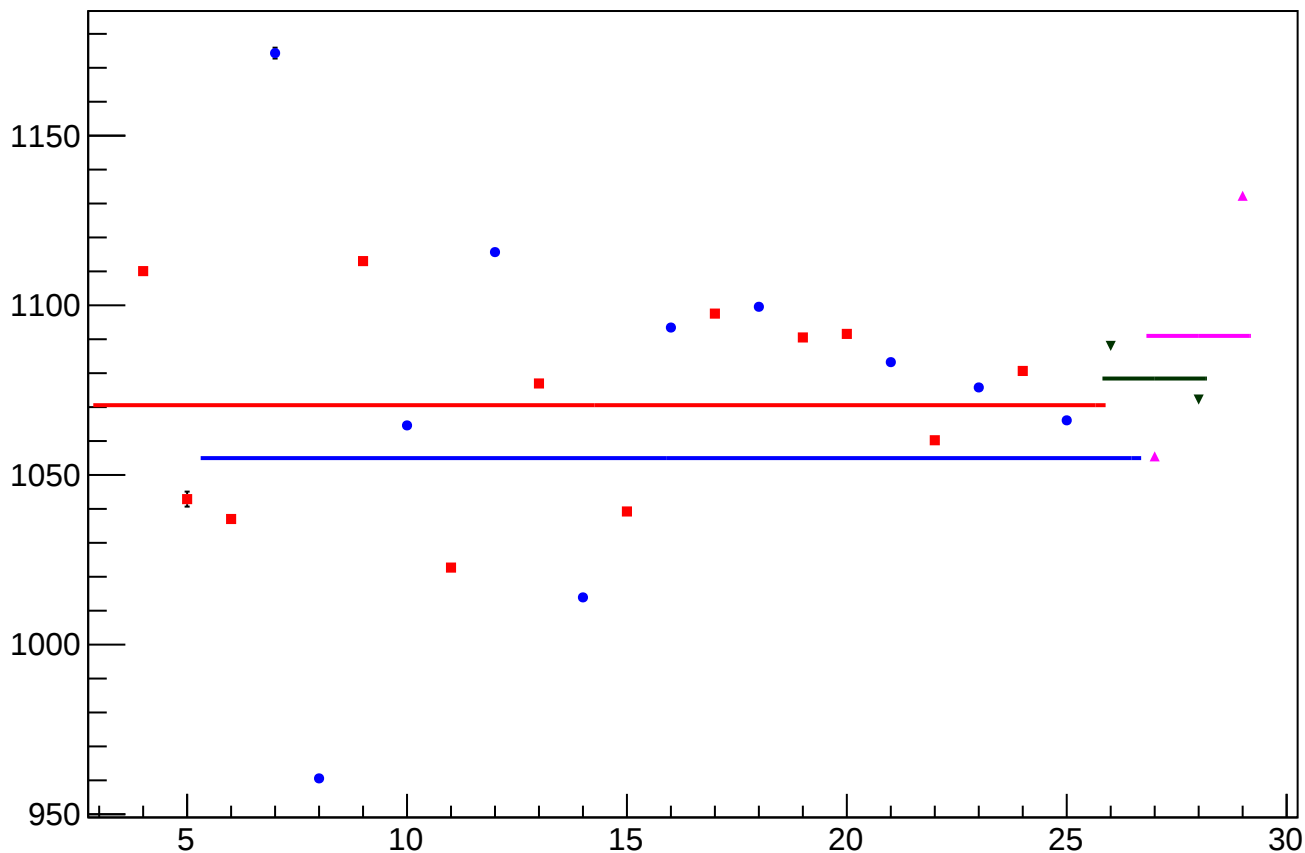
Right Out: 24.160+/-0.423 χ^2/NDF : 1842.7/11

Left In: 82.655+/-0.836 χ^2/NDF : 1568.4/1

92.171+/-0.381 χ^2/NDF : 25965.0/11

36.073+/-0.377 χ^2/NDF : 7306.3/13

diff_bpm2i02Y_rms vs slug



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

Left Out: 1078.422+/-0.685 χ^2/NDF : 127.1/1

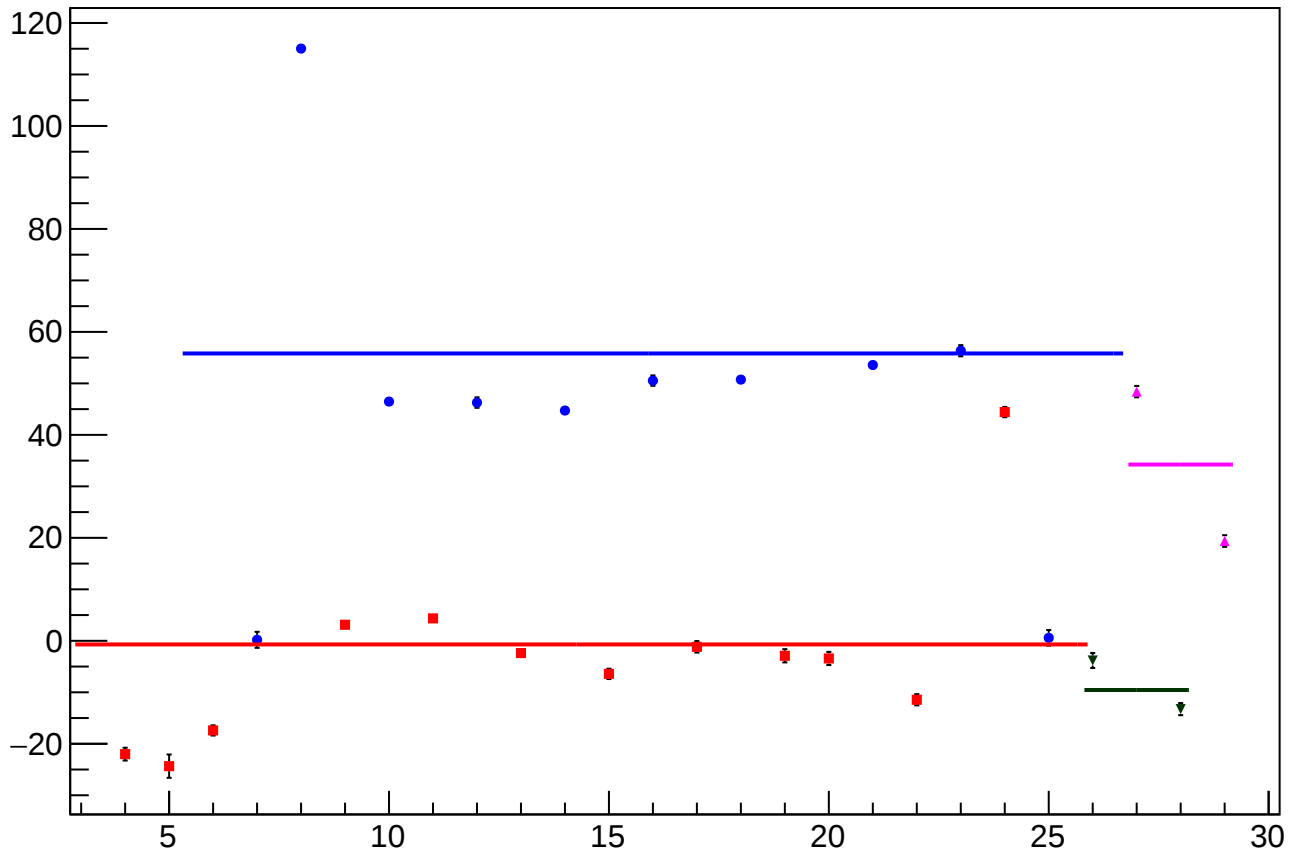
Right Out: 1070.566+/-0.299 χ^2/NDF : 10075.5/11

Left In: 1090.989+/-0.591 χ^2/NDF : 4192.0/1

1058.607+/-0.270 χ^2/NDF : 36656.8/11

1074.726+/-0.267 χ^2/NDF : 15217.2/13

diff_bpm1i04X_mean vs slug



Right In: 55.815 ± 0.302 χ^2/NDF : 9212.6/9

Left Out: -9.551 ± 0.917 χ^2/NDF : 25.3/1

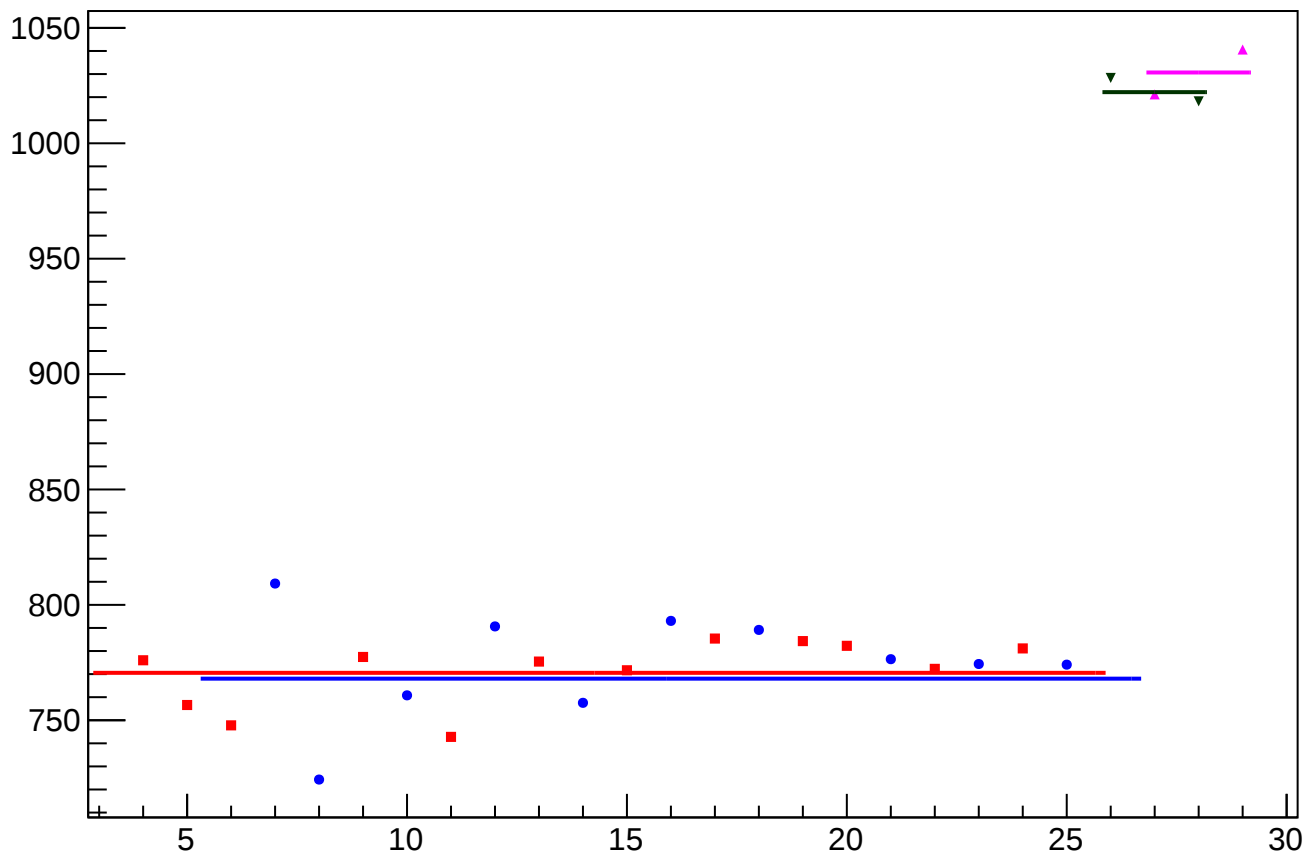
Right Out: -0.705 ± 0.304 χ^2/NDF : 2908.1/11

Left In: 34.239 ± 0.789 χ^2/NDF : 338.3/1

49.429 ± 0.286 χ^2/NDF : 13827.1/11

3.819 ± 0.284 χ^2/NDF : 4955.4/13

diff_bpm1i04X_rms vs slug



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

Left Out: 1022.167+/-0.648 χ^2/NDF : 58.4/1

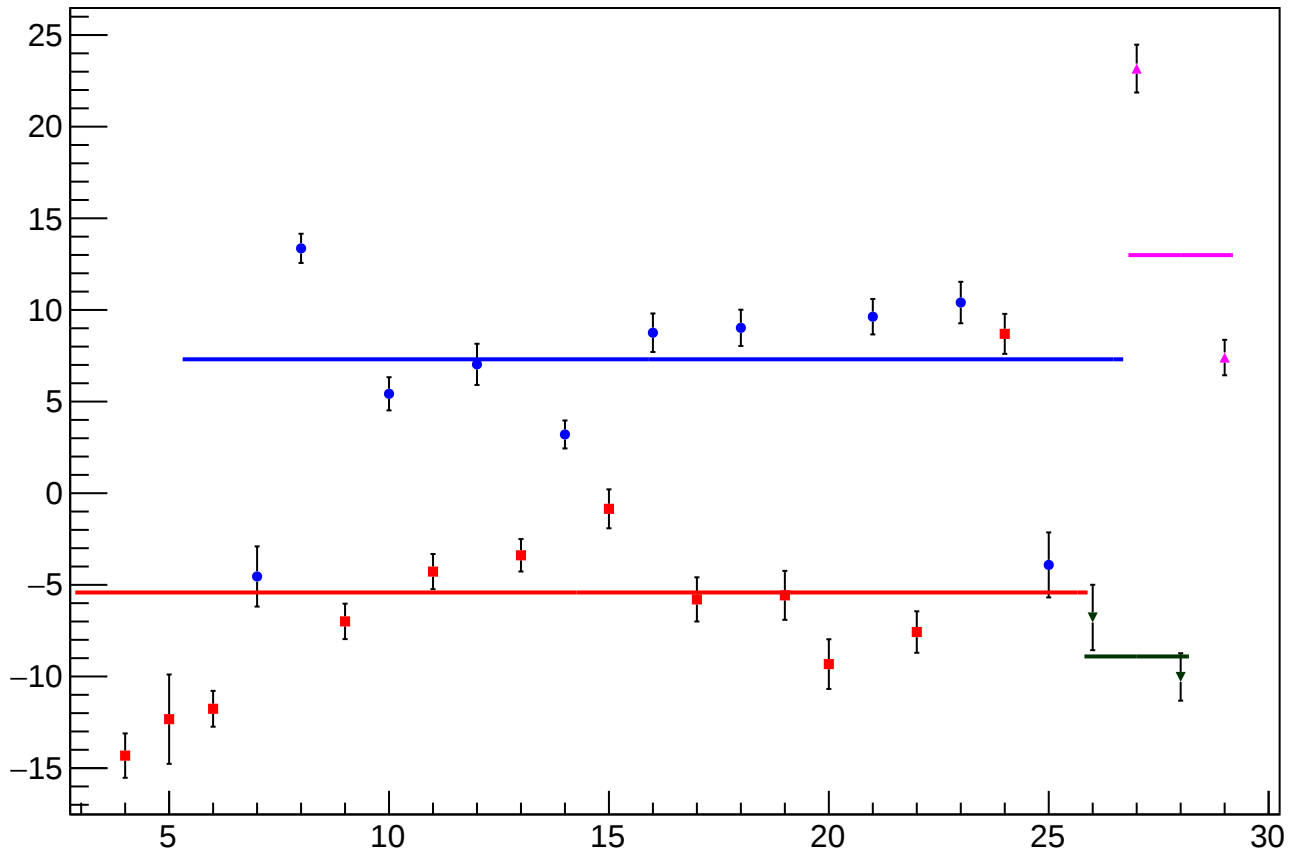
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 1030.683+/-0.558 χ^2/NDF : 303.6/1

792.854+/-0.203 χ^2/NDF : 150911.2/11

804.231+/-0.201 χ^2/NDF : 193986.7/13

diff_bpm1i04Y_mean vs slug



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

Left Out: -8.907 $\pm$ 1.047 χ^2 /NDF: 2.2/1

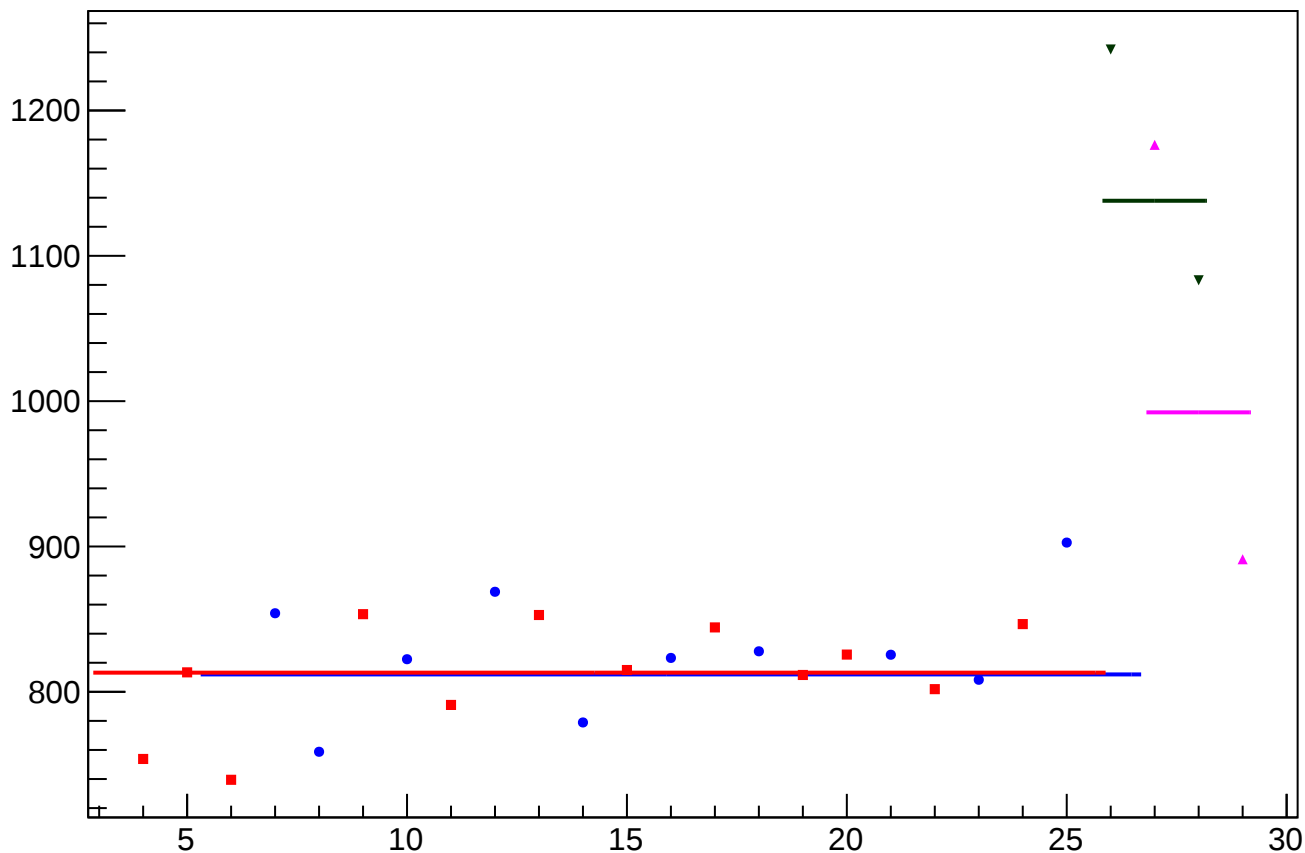
Right Out: -5.416 $\pm$ 0.322 χ^2 /NDF: 311.5/11

Left In: 12.991 $\pm$ 0.777 χ^2 /NDF: 94.2/1

5.924 $\pm$ 0.306 χ^2 /NDF: 422.8/11

-2.716 $\pm$ 0.298 χ^2 /NDF: 884.2/13

diff_bpm1i04Y_rms vs slug



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

Left Out: 1137.889 ± 0.740 χ^2/NDF : 10388.8/1

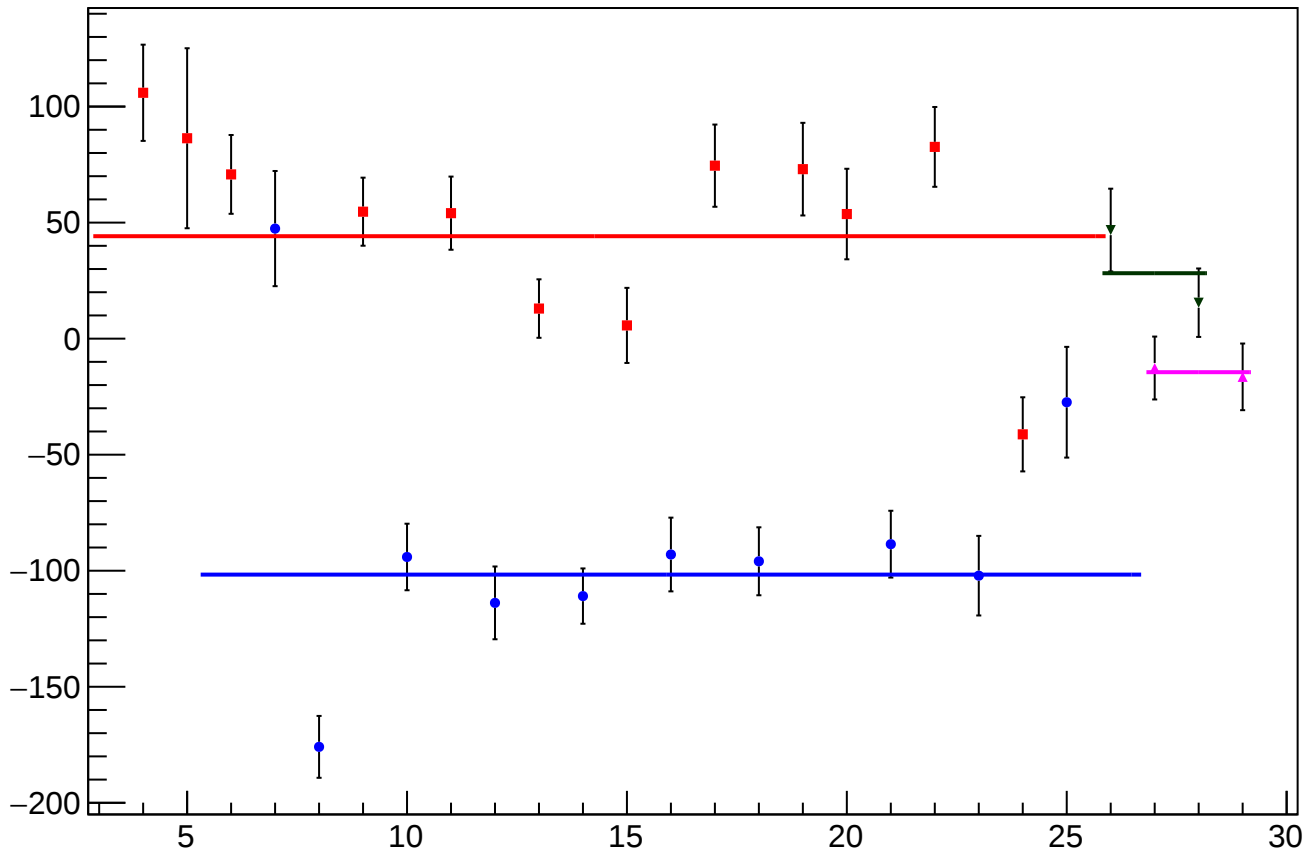
Right Out: 813.189 ± 0.228 χ^2/NDF : 28331.0/11

Left In: 992.295 ± 0.550 χ^2/NDF : 61605.5/1

839.783 ± 0.216 χ^2/NDF : 213418.9/11

839.463 ± 0.210 χ^2/NDF : 180571.0/13

diff_bpm0l02X_mean vs slug



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

Left Out: 28.196 ± 11.365 χ^2/NDF : 1.8/1

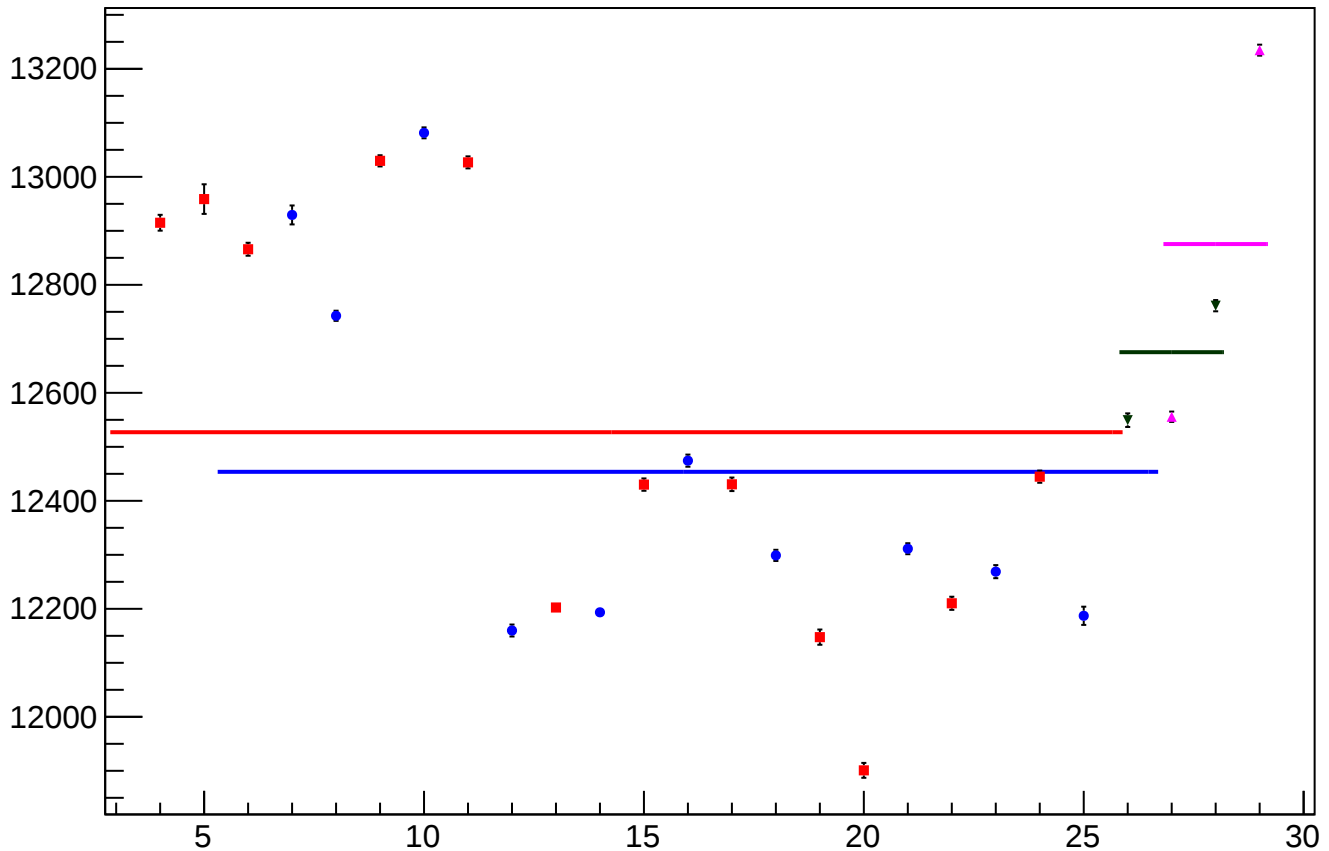
Right Out: 44.144 ± 4.946 χ^2/NDF : 64.1/11

Left In: -14.450 ± 9.854 χ^2/NDF : 0.0/1

-81.396 ± 4.491 χ^2/NDF : 191.6/11

32.355 ± 4.420 χ^2/NDF : 92.4/13

diff_bpm0l02X_rms vs slug



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

Left Out: 12675.290+/-8.037 χ^2/NDF : 167.9/1

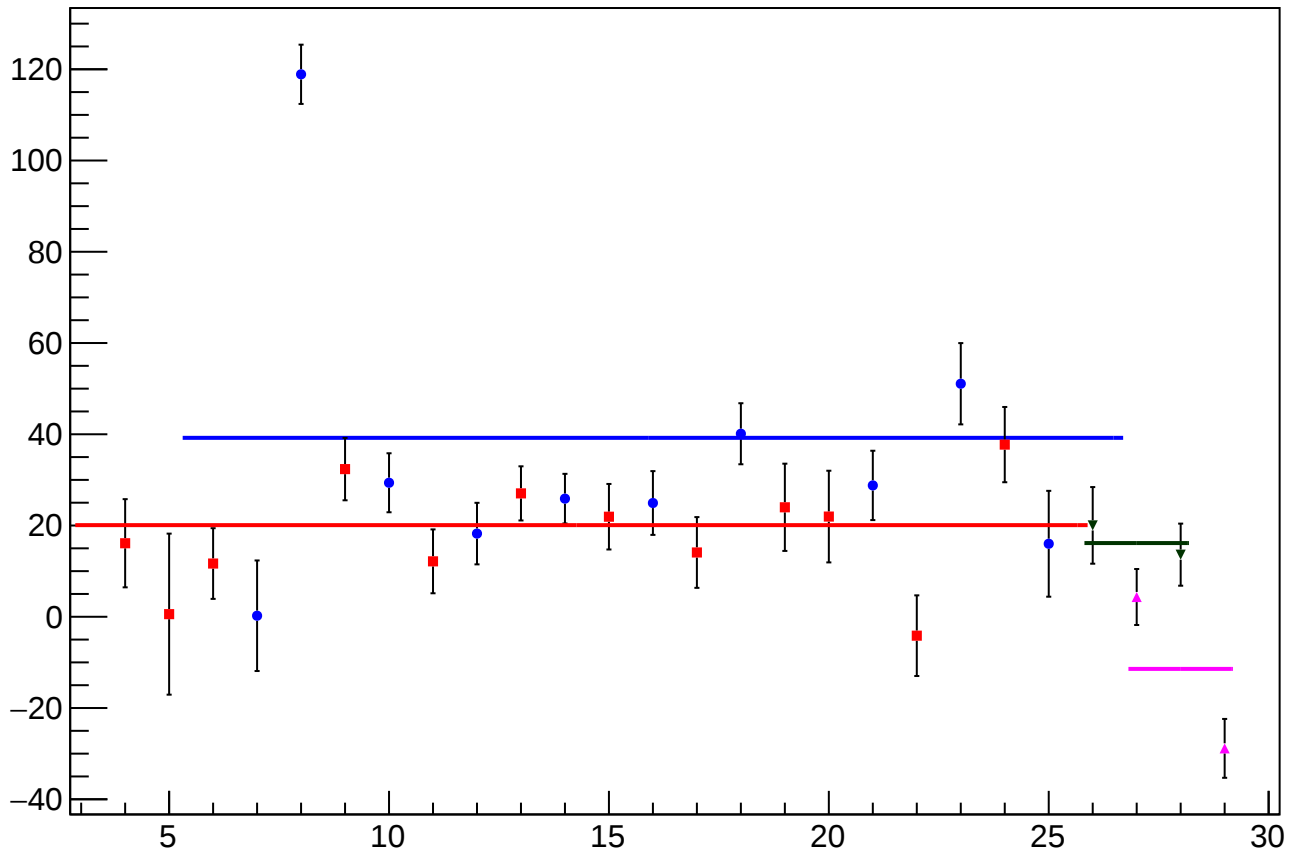
12488.320+/-3.176 χ^2/NDF : 8879.7/11

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

12597.176+/-3.126 χ^2/NDF : 15442.8/13

Left In: 12875.521+/-6.968 χ^2/NDF : 2365.3/1

diff_bpm0l02Y_mean vs slug



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

Left Out: 16.156+/-5.287 χ^2/NDF : 0.4/1

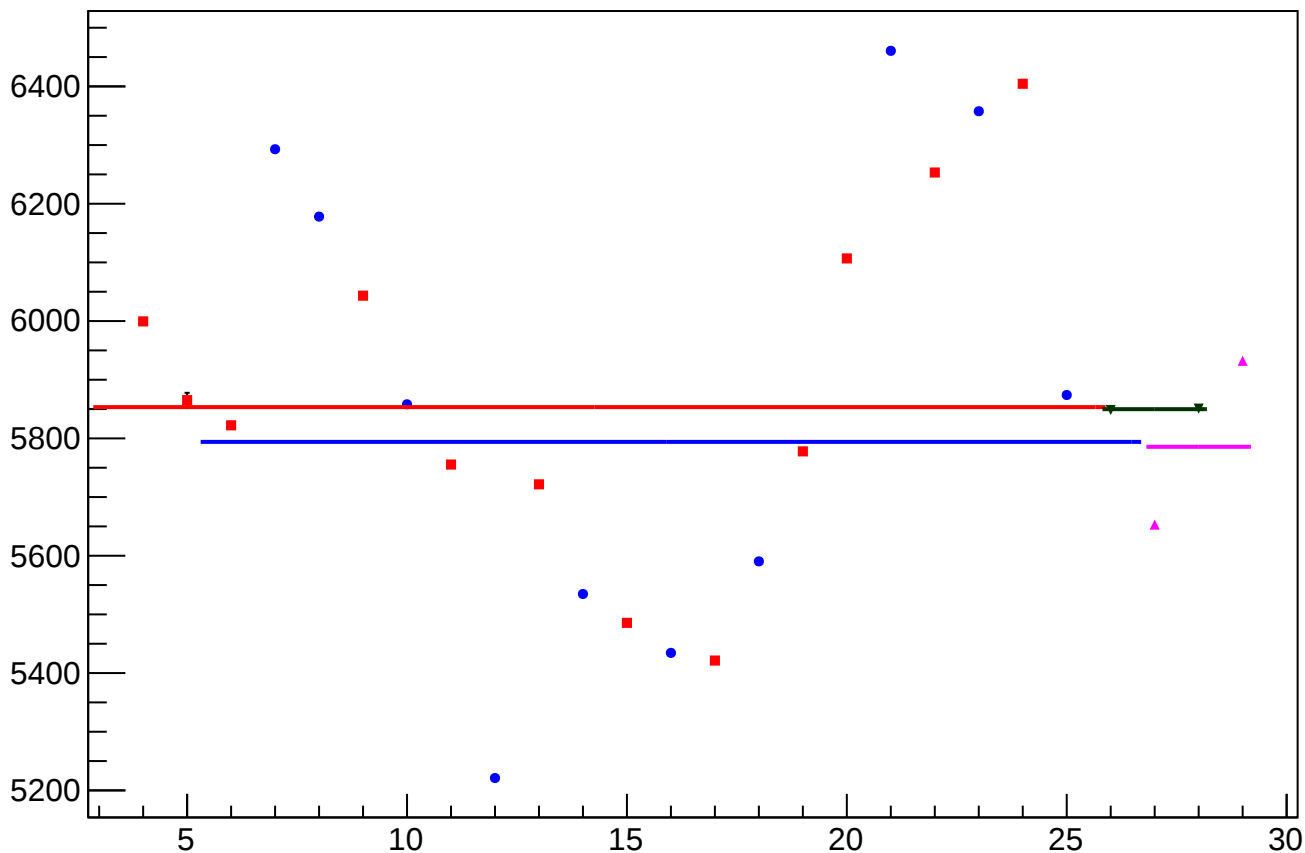
Right Out: 20.083+/-2.324 χ^2/NDF : 21.4/11

Left In: -11.426+/-4.446 χ^2/NDF : 13.9/1

35.571+/-2.103 χ^2/NDF : 207.2/11

13.321+/-2.060 χ^2/NDF : 74.8/13

diff_bpm0l02Y_rms vs slug



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

Left Out: 5849.823+/-3.739 χ^2/NDF : 0.1/1

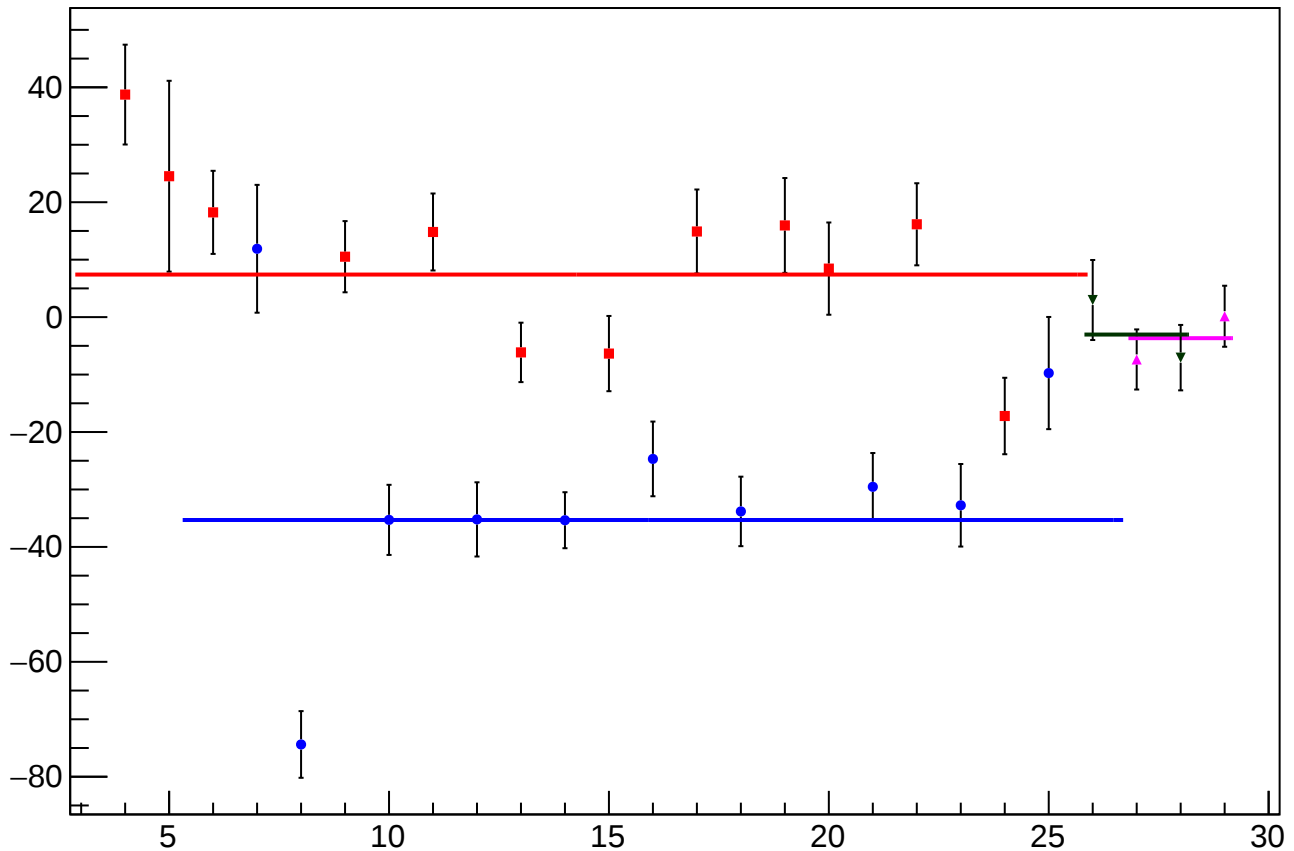
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 5785.689+/-3.144 χ^2/NDF : 1967.7/1

5802.888+/-1.487 χ^2/NDF : 60396.5/11

5838.824+/-1.456 χ^2/NDF : 31614.0/13

diff_bpm0l03X_mean vs slug



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

Left Out: -3.034 ± 4.408 $\chi^2/\text{NDF}: 1.2/1$

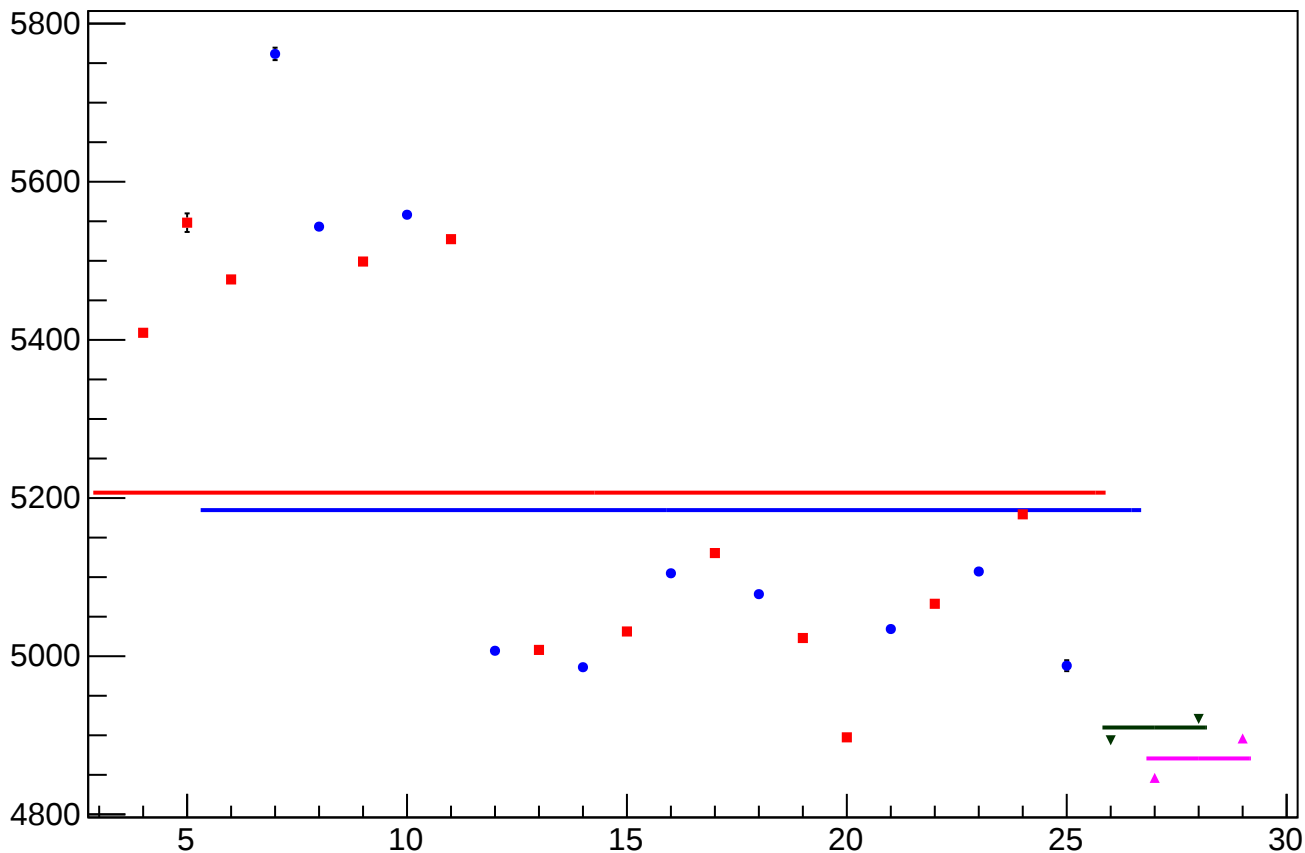
Right Out: 7.409 ± 2.058 $\chi^2/\text{NDF}: 46.4/11$

Left In: -3.665 ± 3.727 $\chi^2/\text{NDF}: 1.0/1$

-29.624 ± 1.851 $\chi^2/\text{NDF}: 119.4/11$

4.822 ± 1.802 $\chi^2/\text{NDF}: 54.2/13$

diff_bpm0l03X_rms vs slug



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

Left Out: 4909.859+/-3.117 χ^2/NDF : 18.0/1

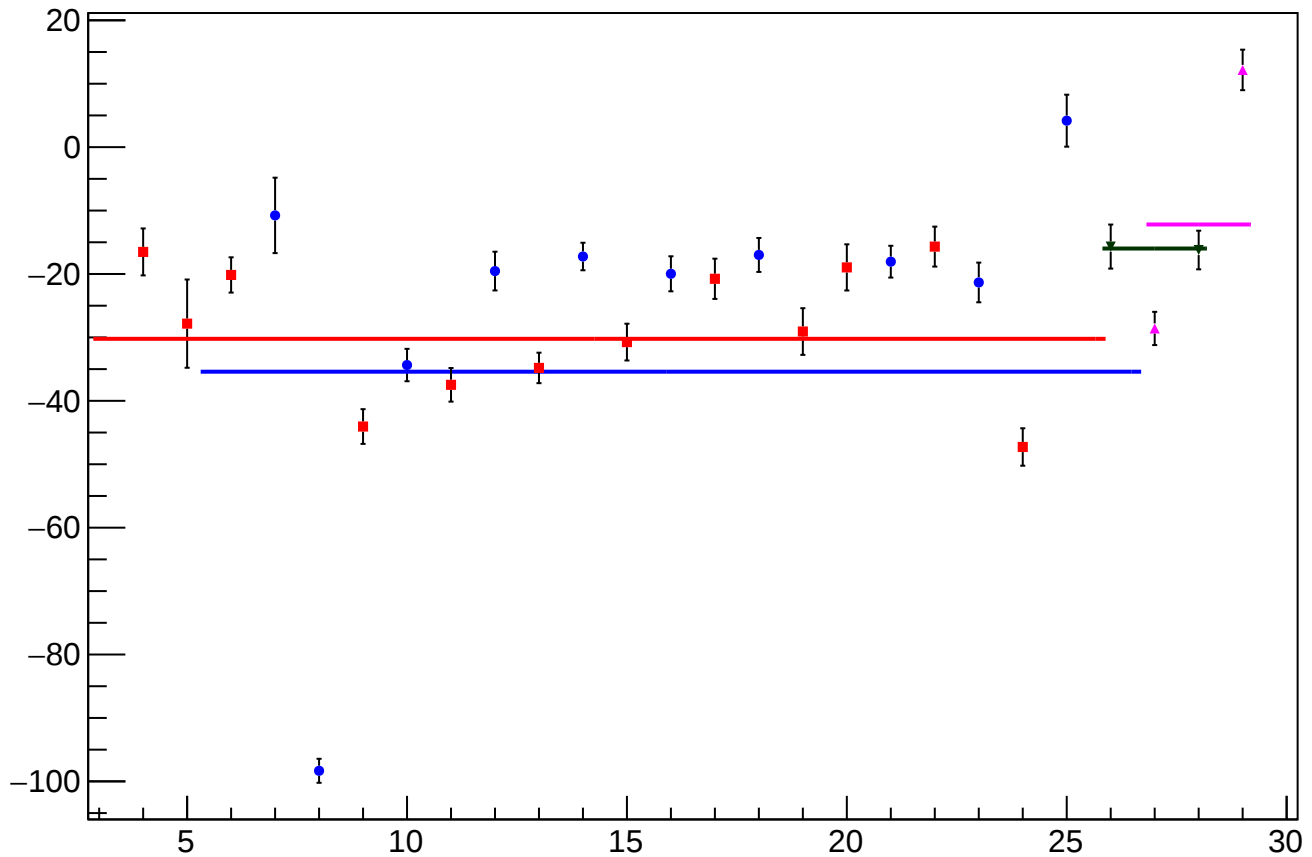
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4870.728+/-2.636 χ^2/NDF : 89.5/1

5136.304+/-1.309 χ^2/NDF : 35039.1/11

5128.316+/-1.274 χ^2/NDF : 35674.2/13

diff_bpm0l03Y_mean vs slug



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

Left Out: -15.984 ± 2.290 χ^2/NDF : 0.0/1

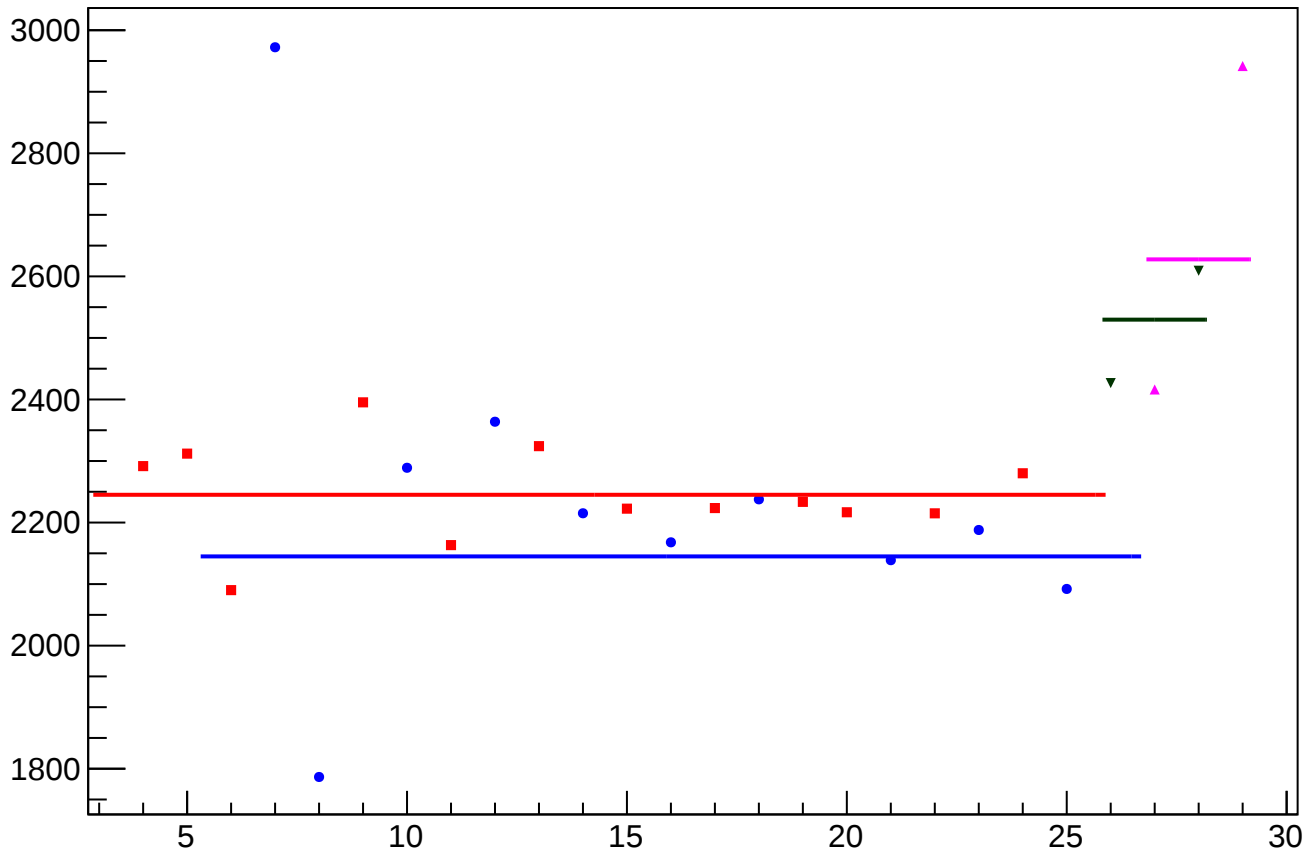
-33.037 ± 0.800 χ^2/NDF : 1522.4/11

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

-27.292 ± 0.817 χ^2/NDF : 300.5/13

Left In: -12.194 ± 2.026 χ^2/NDF : 97.3/1

diff_bpm0l03Y_rms vs slug



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

Left Out: 2529.713 ± 1.620 χ^2/NDF : 3122.4/1

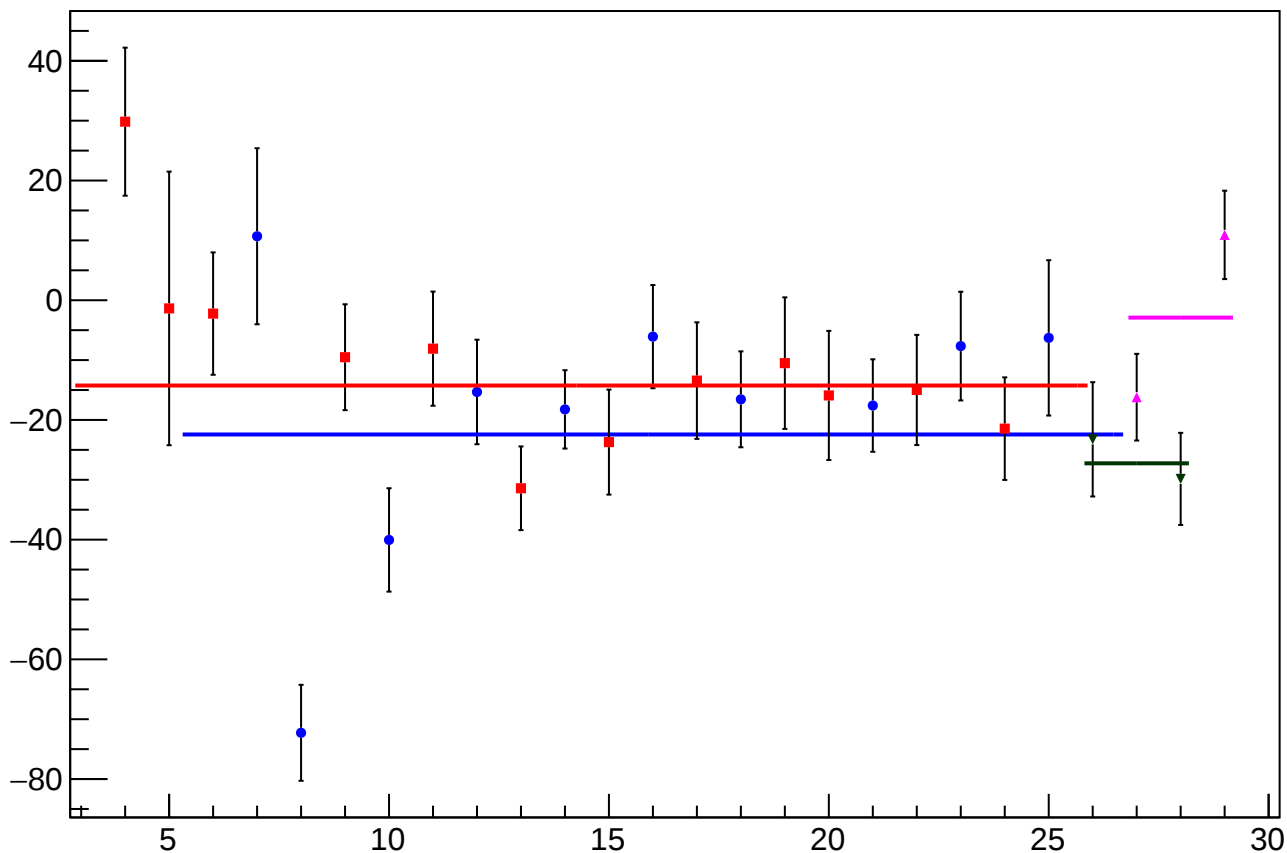
Right Out: 2245.118 ± 0.631 χ^2/NDF : 17612.9/11

Left In: 2627.637 ± 1.433 χ^2/NDF : 32363.0/1

2191.931 ± 0.566 χ^2/NDF : 185030.9/11

2307.296 ± 0.578 χ^2/NDF : 109686.5/13

diff_bpm0l04X_mean vs slug



Right In: -22.429 $\pm$ 2.733 χ^2 /NDF: 57.7/9

Left Out: -27.248 $\pm$ 5.992 χ^2 /NDF: 0.3/1

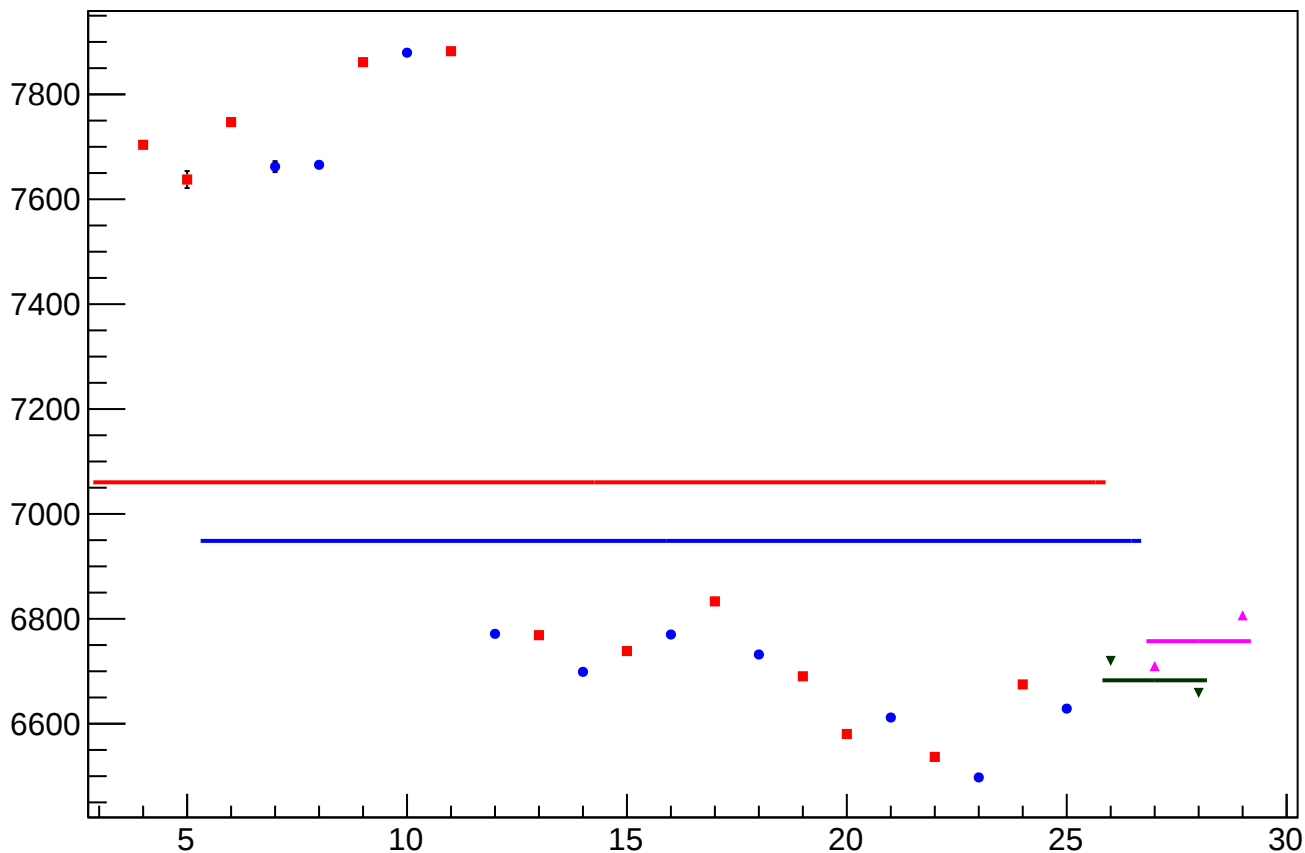
Right Out: -14.248 $\pm$ 2.794 χ^2 /NDF: 23.2/11

Left In: -2.904 $\pm$ 5.170 χ^2 /NDF: 6.9/1

-23.259 $\pm$ 2.487 χ^2 /NDF: 58.5/11

-11.684 $\pm$ 2.458 χ^2 /NDF: 33.8/13

diff_bpm0l04X_rms vs slug



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

Left Out: 6682.773+/-4.237 χ^2/NDF : 49.4/1

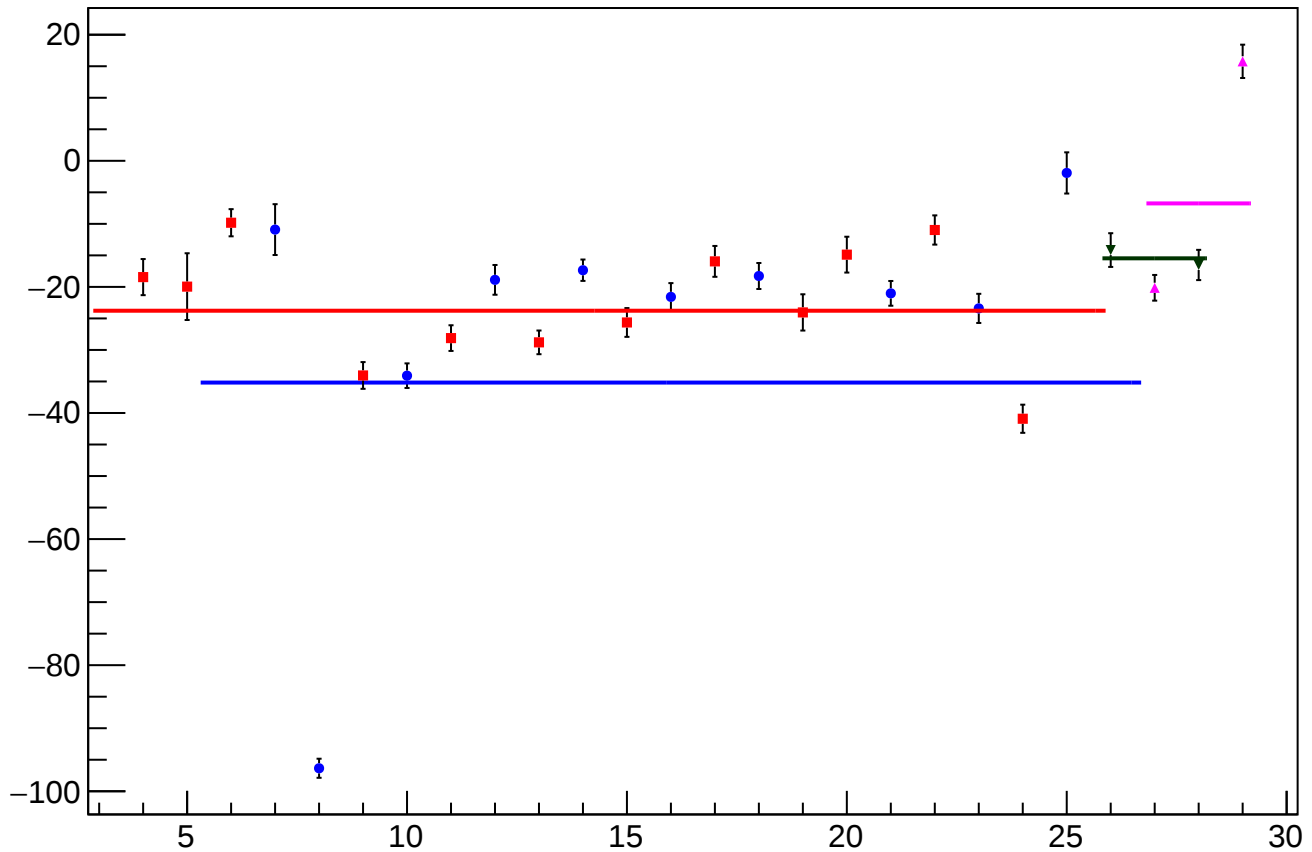
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 6757.426+/-3.655 χ^2/NDF : 174.9/1

6902.829+/-1.758 χ^2/NDF : 63248.6/11

6991.839+/-1.738 χ^2/NDF : 76470.5/13

diff_bpm0l04Y_mean vs slug



Right In: -35.174 ± 0.663 $\chi^2/\text{NDF}: 2117.2/9$

Left Out: -15.468 ± 1.786 $\chi^2/\text{NDF}: 0.4/1$

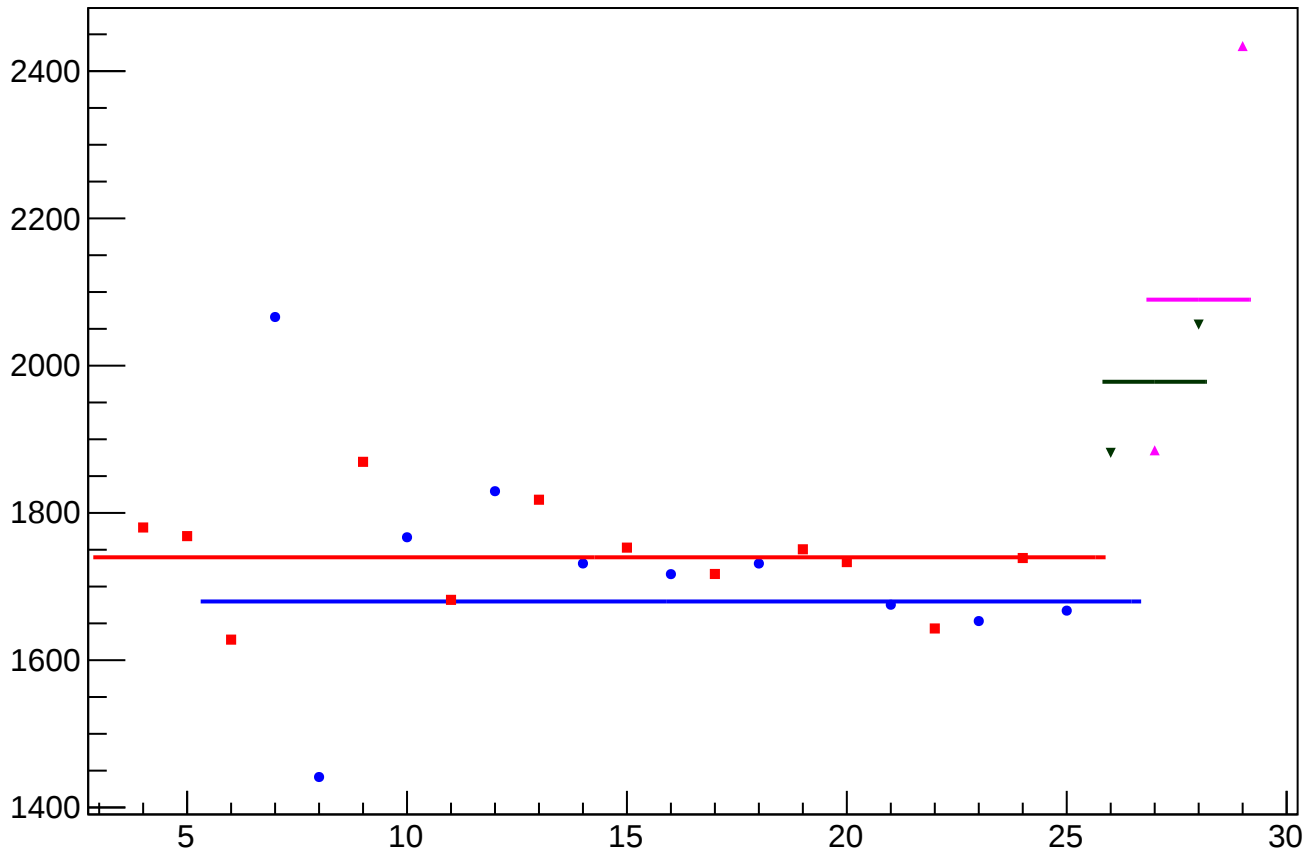
Right Out: -23.778 ± 0.688 $\chi^2/\text{NDF}: 191.1/11$

Left In: -6.757 ± 1.614 $\chi^2/\text{NDF}: 115.8/1$

-32.786 ± 0.622 $\chi^2/\text{NDF}: 2224.6/11$

-21.158 ± 0.633 $\chi^2/\text{NDF}: 401.0/13$

diff_bpm0l04Y_rms vs slug



Right In: 1679.752 ± 0.469 $\chi^2/\text{NDF}: 84058.4/9$

Left Out: 1978.124 ± 1.263 $\chi^2/\text{NDF}: 4703.1/1$

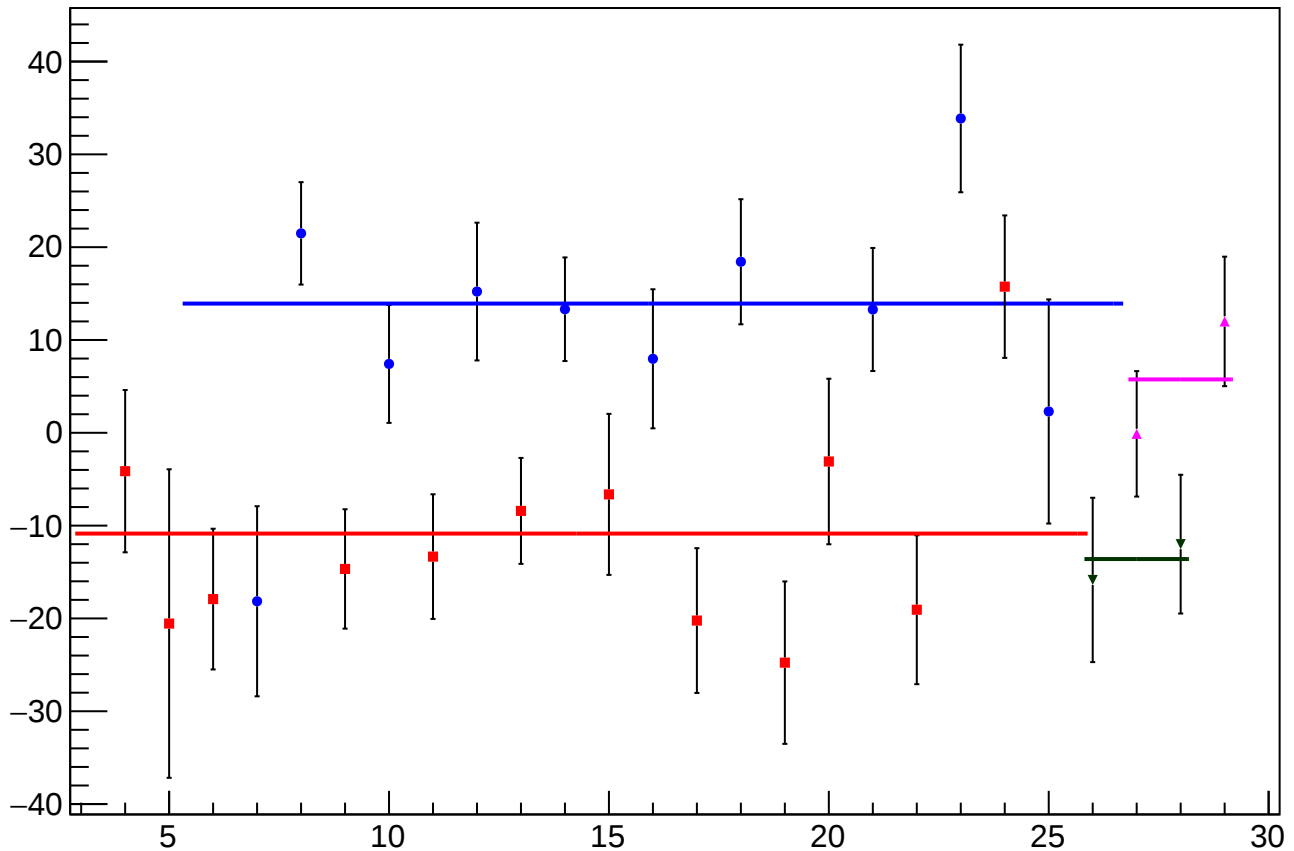
Right Out: 1739.740 ± 0.487 $\chi^2/\text{NDF}: 22147.7/11$

Left In: 2089.641 ± 1.141 $\chi^2/\text{NDF}: 54098.4/1$

1715.909 ± 0.440 $\chi^2/\text{NDF}: 137833.1/11$

1793.603 ± 0.448 $\chi^2/\text{NDF}: 155773.2/13$

diff_bpm0l05X_mean vs slug



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

Left Out: -13.601 ± 5.711 χ^2/NDF : 0.1/1

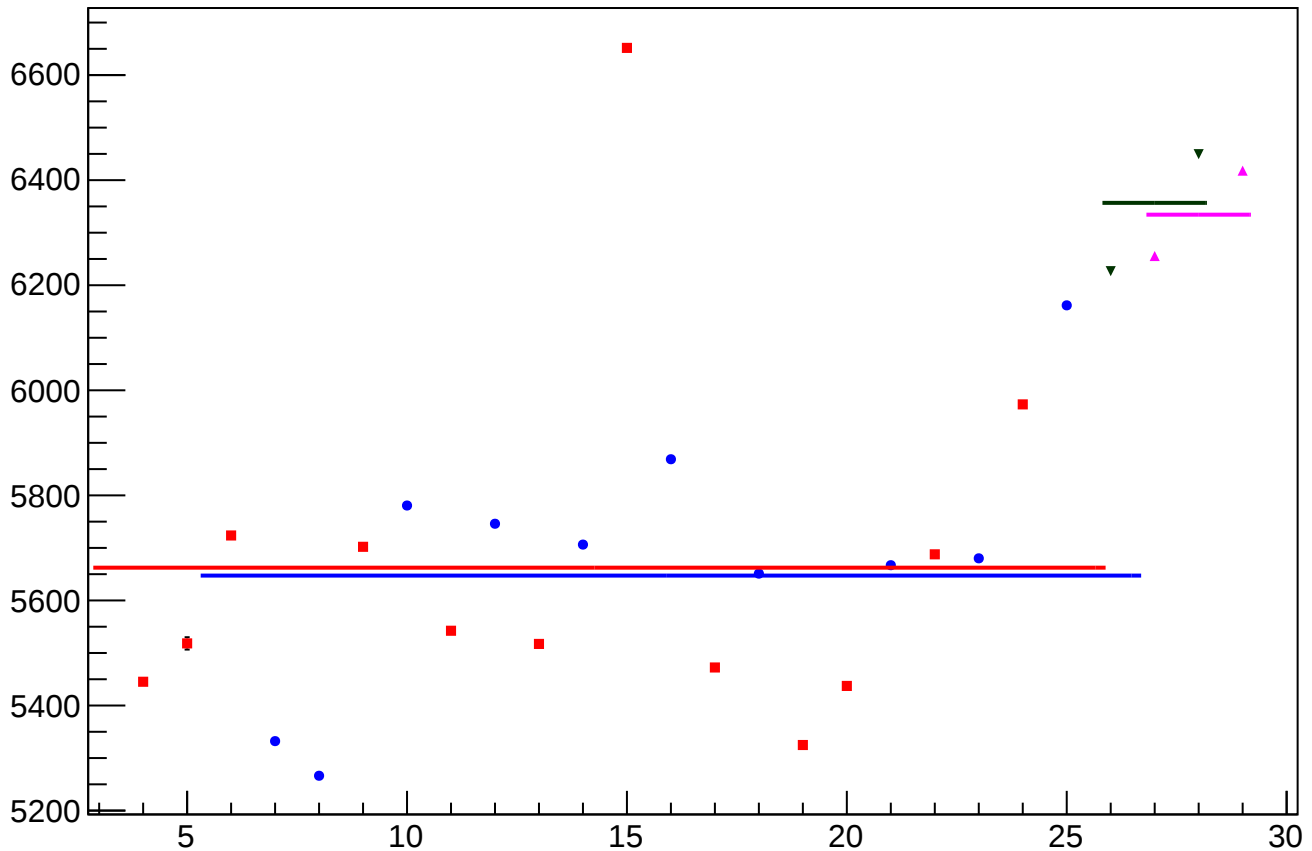
Right Out: -10.857 ± 2.241 χ^2/NDF : 20.5/11

Left In: 5.753 ± 4.854 χ^2/NDF : 1.6/1

10.305 ± 2.070 χ^2/NDF : 41.4/11

-7.938 ± 2.035 χ^2/NDF : 31.7/13

diff_bpm0l05X_rms vs slug



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

Left Out: 6356.787+/-4.038 χ^2/NDF : 738.9/1

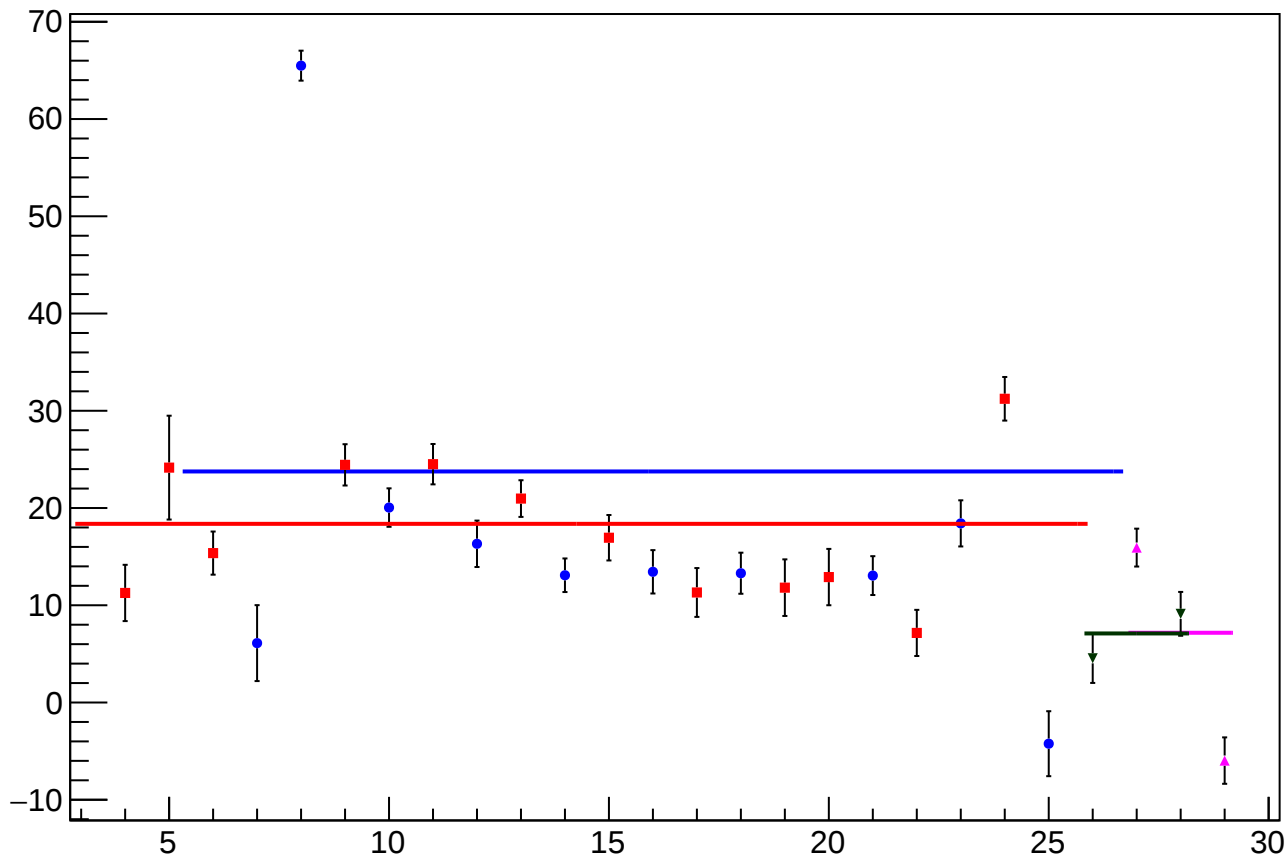
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 6334.302+/-3.433 χ^2/NDF : 559.6/1

5740.545+/-1.464 χ^2/NDF : 45867.2/11

5780.459+/-1.439 χ^2/NDF : 70420.4/13

diff_bpm0l05Y_mean vs slug



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

Left Out: 7.102 $\pm$ 1.685 χ^2 /NDF:1.8/1

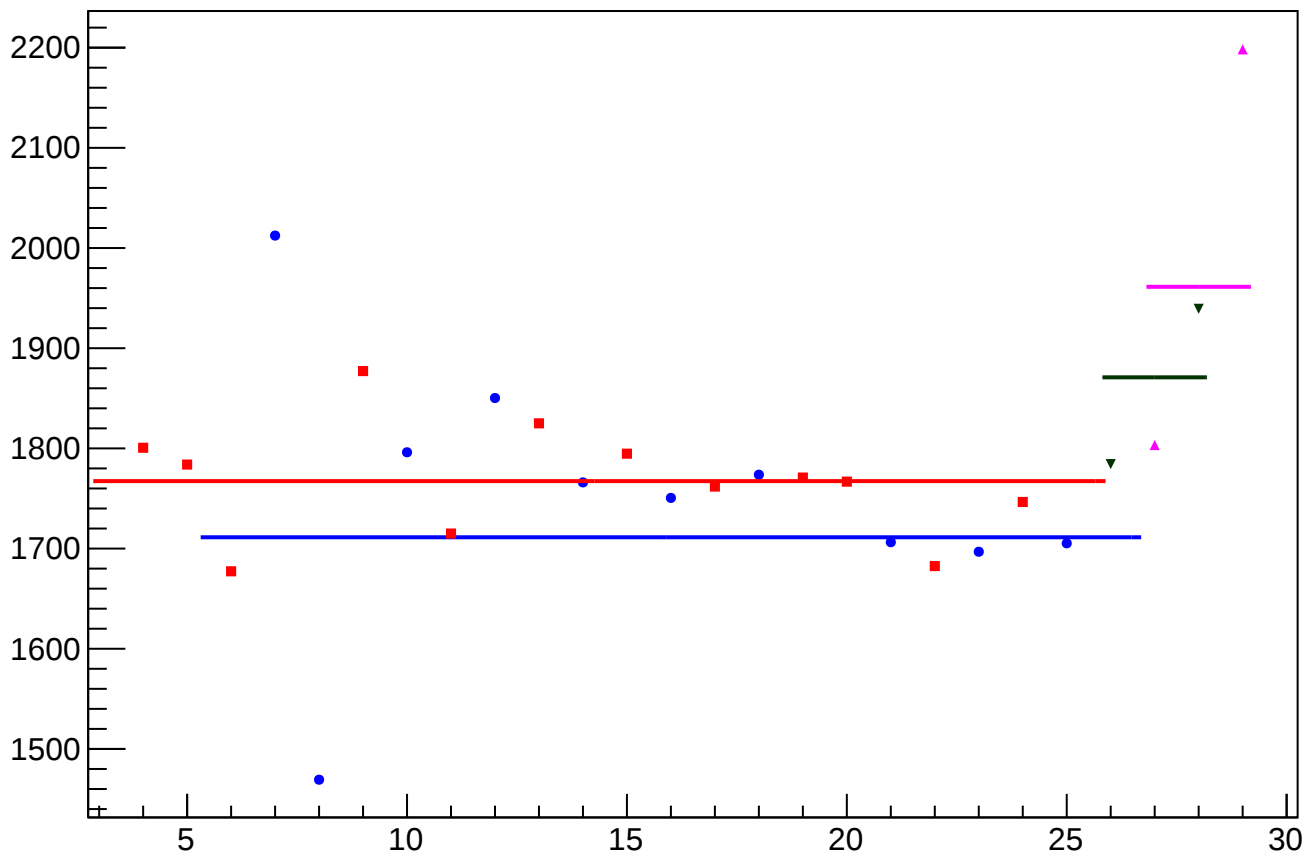
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: 7.172 $\pm$ 1.509 χ^2 /NDF:50.5/1

21.457 $\pm$ 0.626 χ^2 /NDF: 1040.8/11

16.396 $\pm$ 0.634 χ^2 /NDF: 195.9/13

diff_bpm0l05Y_rms vs slug



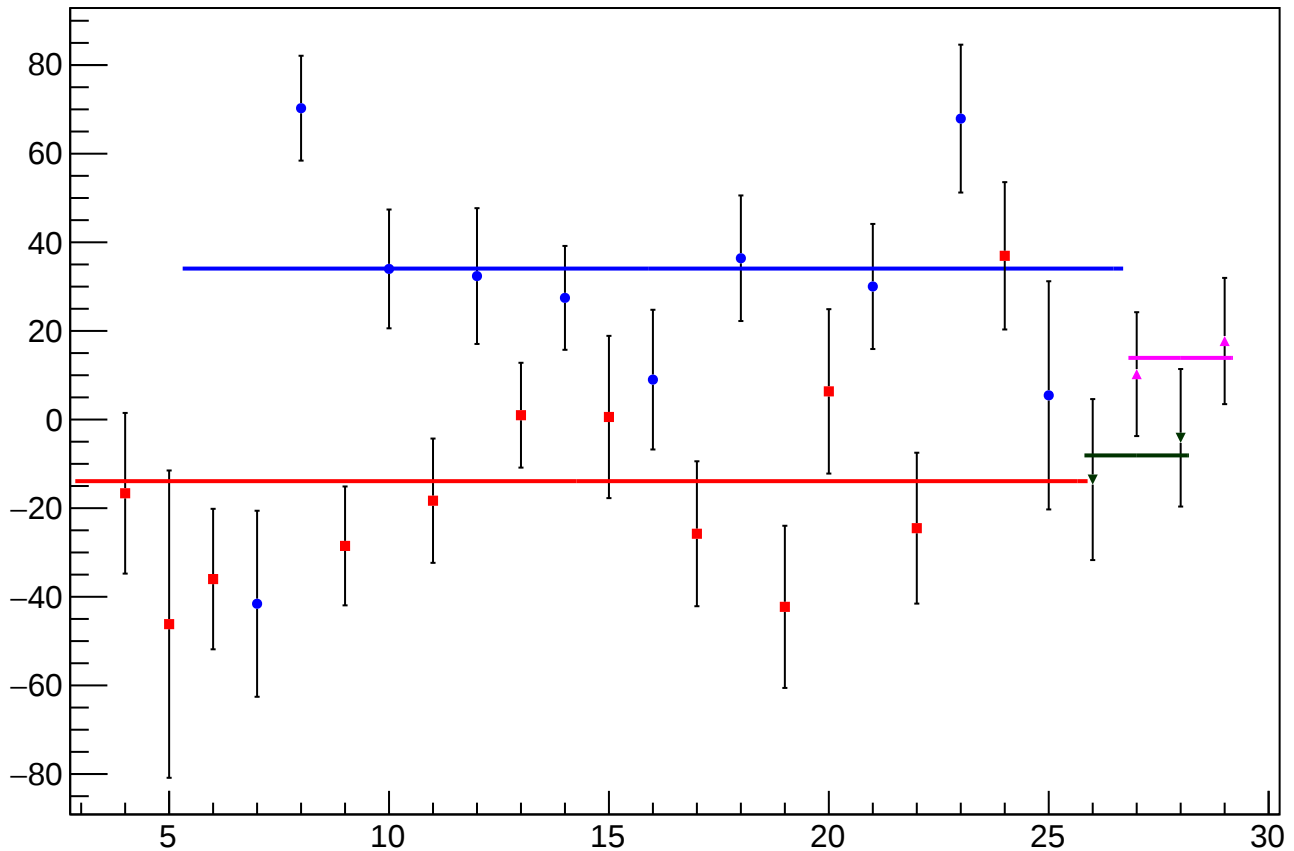
Right In: 1711.281 ± 0.477 χ^2/NDF : 76136.9/9

Left Out: 1733.349 ± 0.443 χ^2/NDF : 95791.6/11

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

Left In: 1801.569 ± 0.448 χ^2/NDF : 75166.4/13

diff_bpm0l06X_mean vs slug



Right In: 34.072 $\pm$ 4.681 χ^2 /NDF: 30.7/9

Left Out: -8.096 $\pm$ 11.800 χ^2 /NDF: 0.2/1

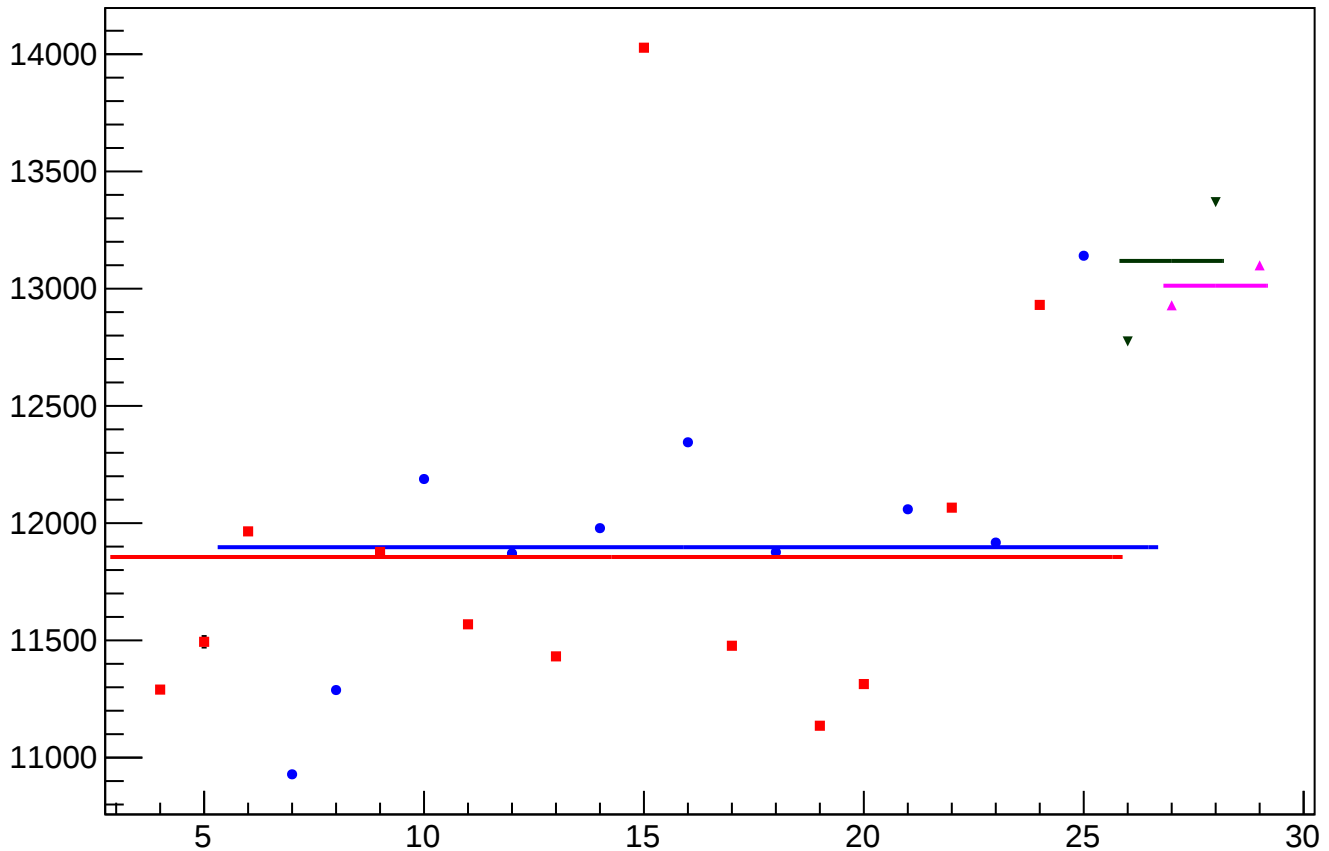
Right Out: -13.904 $\pm$ 4.697 χ^2 /NDF: 20.2/11

Left In: 13.915 $\pm$ 9.977 χ^2 /NDF: 0.1/1

28.338 $\pm$ 4.351 χ^2 /NDF: 41.8/11

-8.856 $\pm$ 4.250 χ^2 /NDF: 26.7/13

diff_bpm0l06X_rms vs slug



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

Left Out: 13118.359+/-8.344 χ^2/NDF :1236.1/1

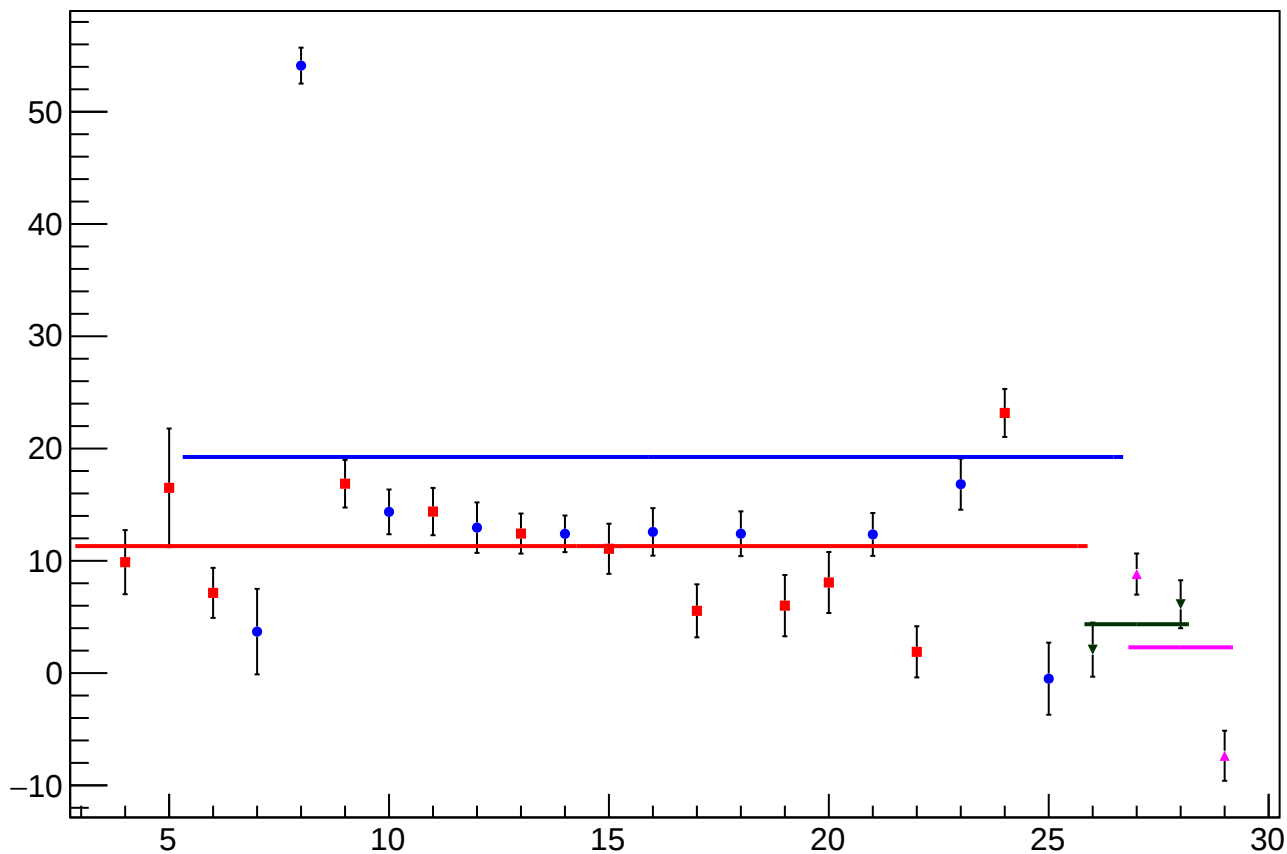
12063.444+/-3.077 χ^2/NDF : 36880.9/11

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

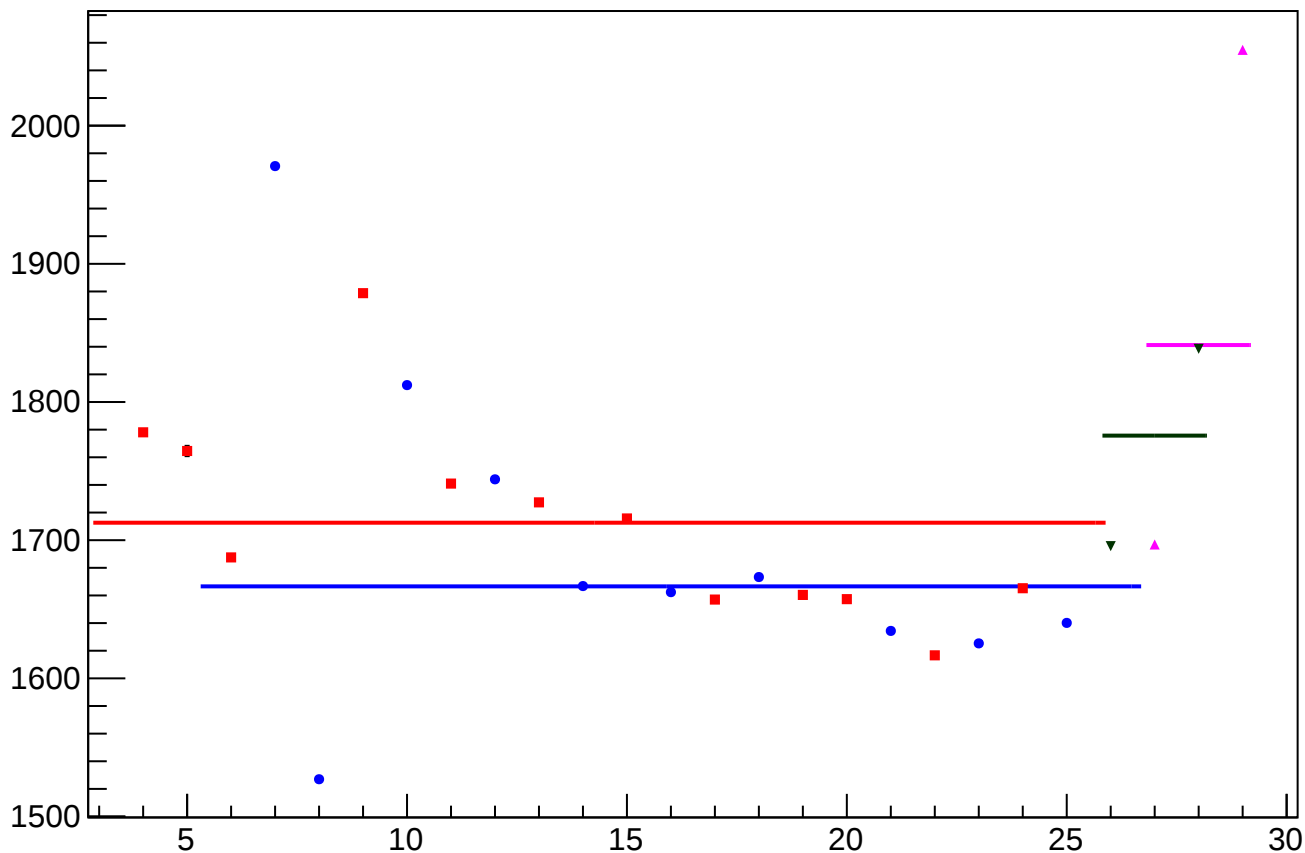
12065.579+/-3.005 χ^2/NDF : 70517.6/13

Left In: 13012.672+/-7.055 χ^2/NDF :145.8/1

diff_bpm0l06Y_mean vs slug



diff_bpm0l06Y_rms vs slug



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

Left Out: 1775.673+/-1.130 χ^2/NDF : 3935.1/1

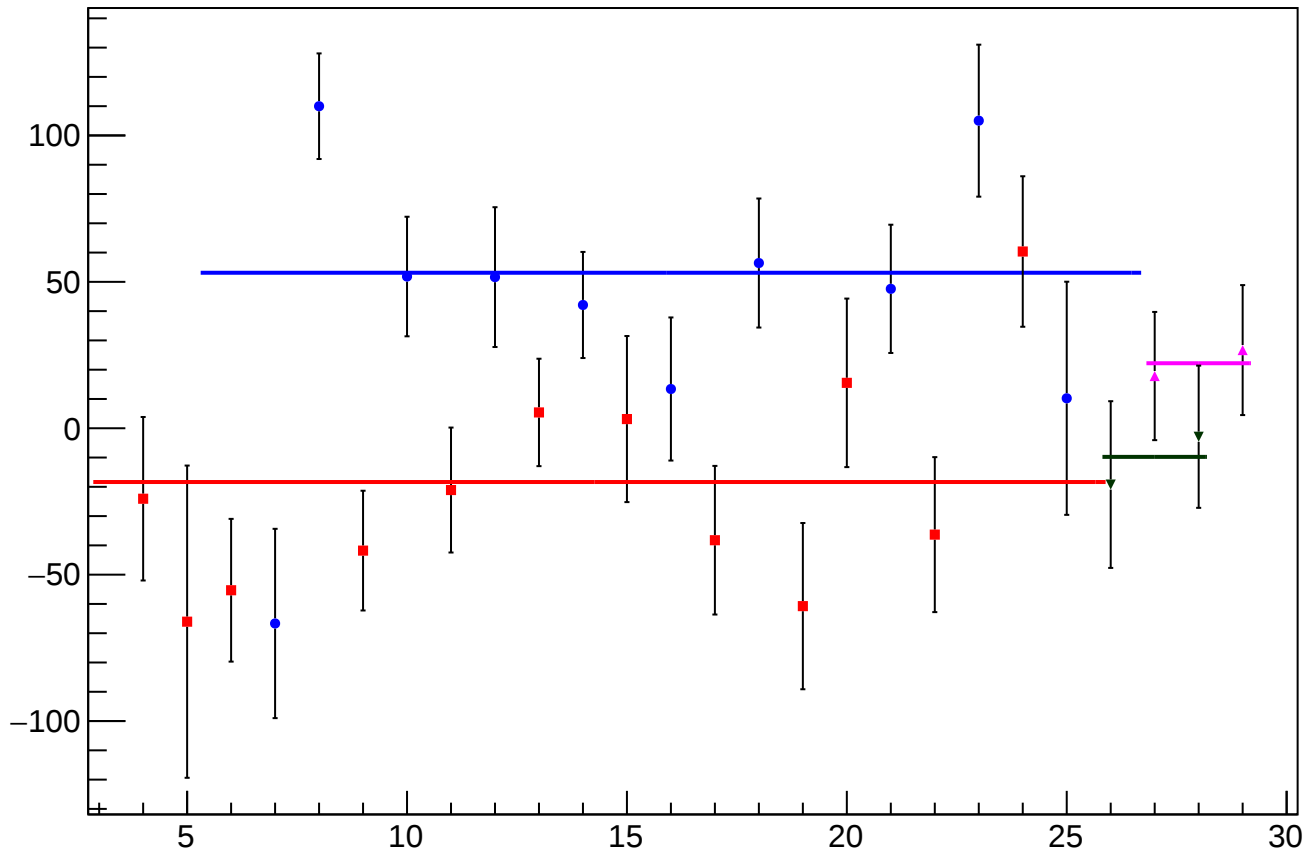
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

Left In: 1841.225+/-1.001 χ^2/NDF : 30753.0/1

1682.294+/-0.429 χ^2/NDF : 54349.2/11

1736.562+/-0.432 χ^2/NDF : 65639.5/13

diff_bpm0l07X_mean vs slug



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

Left Out: -9.775 ± 18.475 $\chi^2/\text{NDF}: 0.2/1$

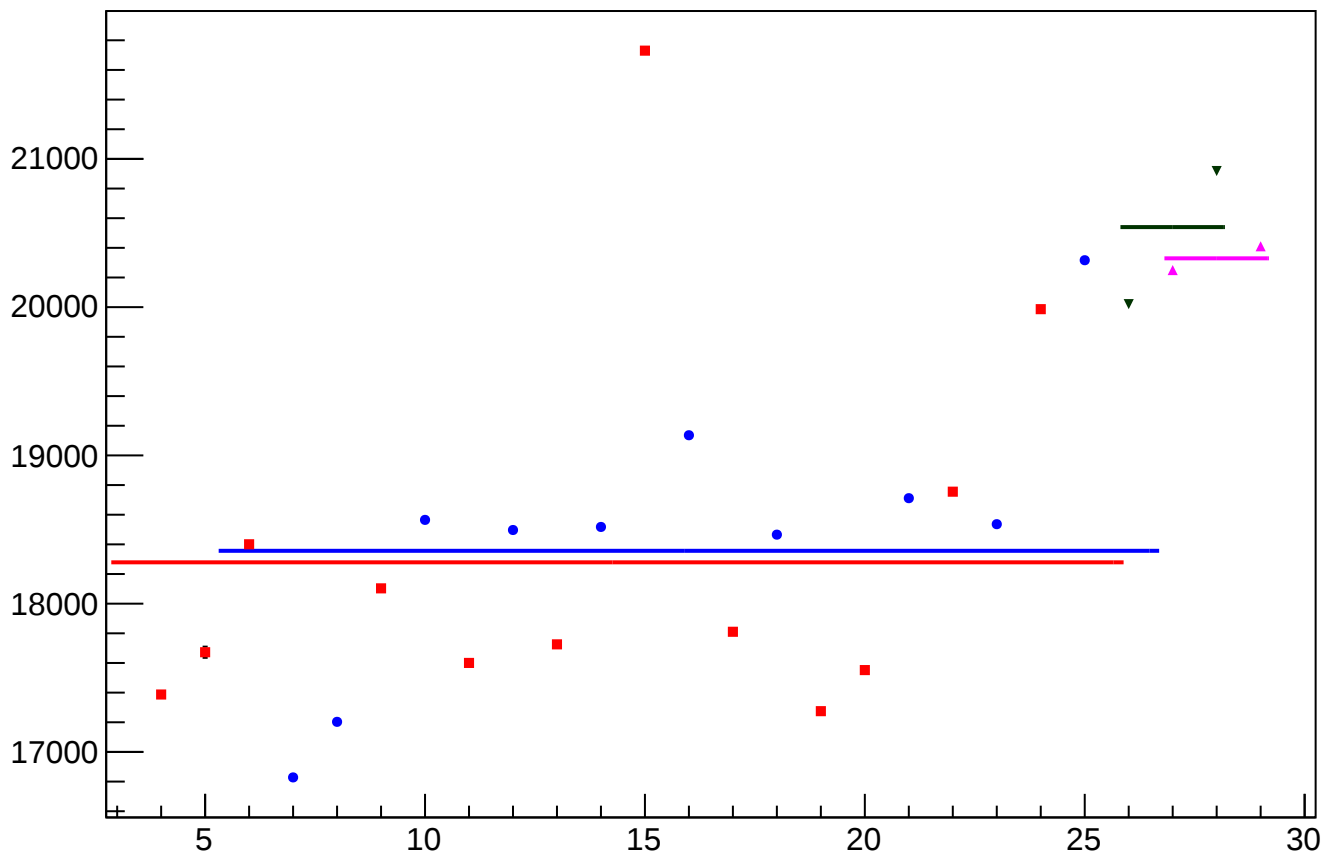
Right Out: -18.361 ± 7.243 $\chi^2/\text{NDF}: 20.8/11$

Left In: 22.206 ± 15.587 $\chi^2/\text{NDF}: 0.1/1$

44.772 ± 6.728 $\chi^2/\text{NDF}: 42.2/11$

-11.157 ± 6.568 $\chi^2/\text{NDF}: 26.4/13$

diff_bpm0l07X_rms vs slug



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

Left Out: 20539.995+/-13.064 χ^2/NDF : 1151.6/1

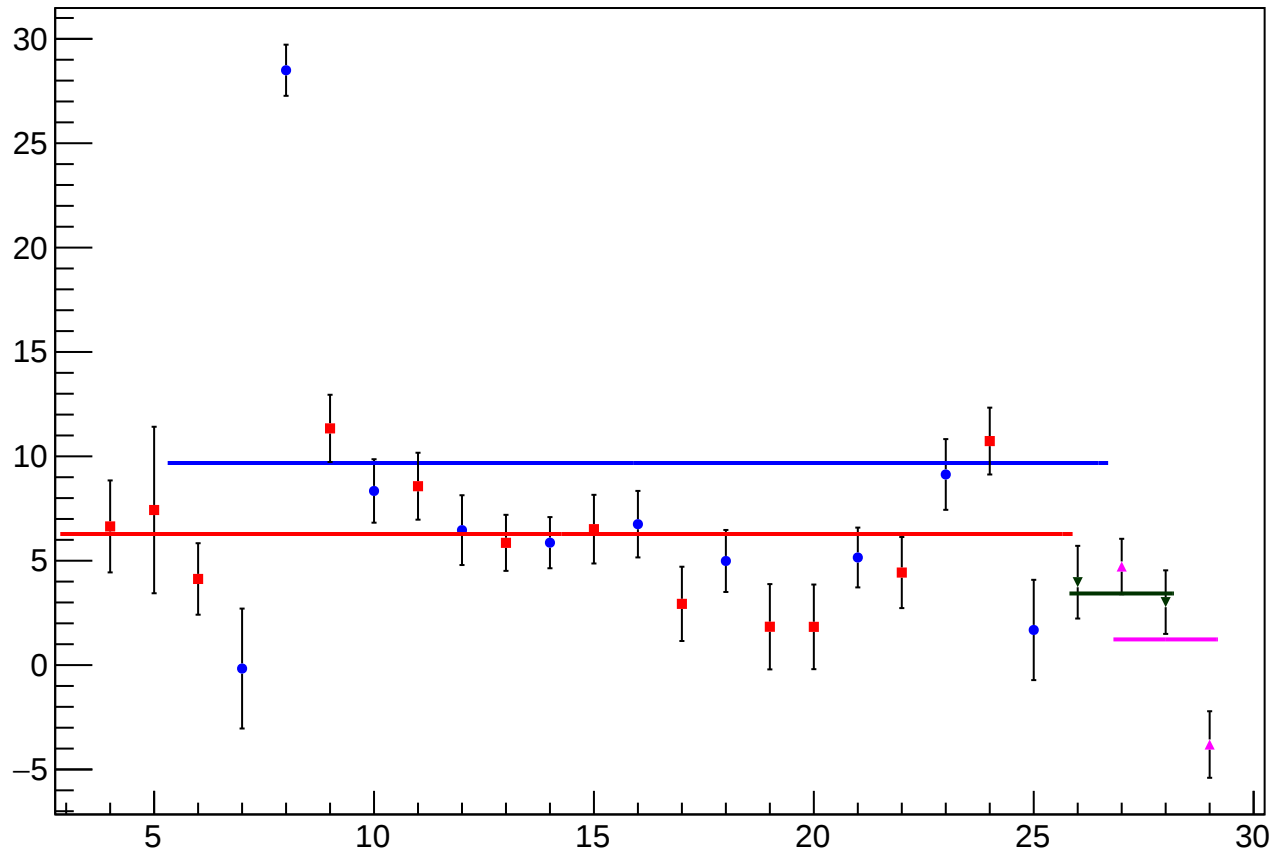
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 20329.237+/-11.022 χ^2/NDF : 53.0/1

18646.036+/-4.757 χ^2/NDF : 46027.5/11

18642.896+/-4.644 χ^2/NDF : 78408.8/13

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.430+/-1.146 χ^2/NDF : 0.2/1

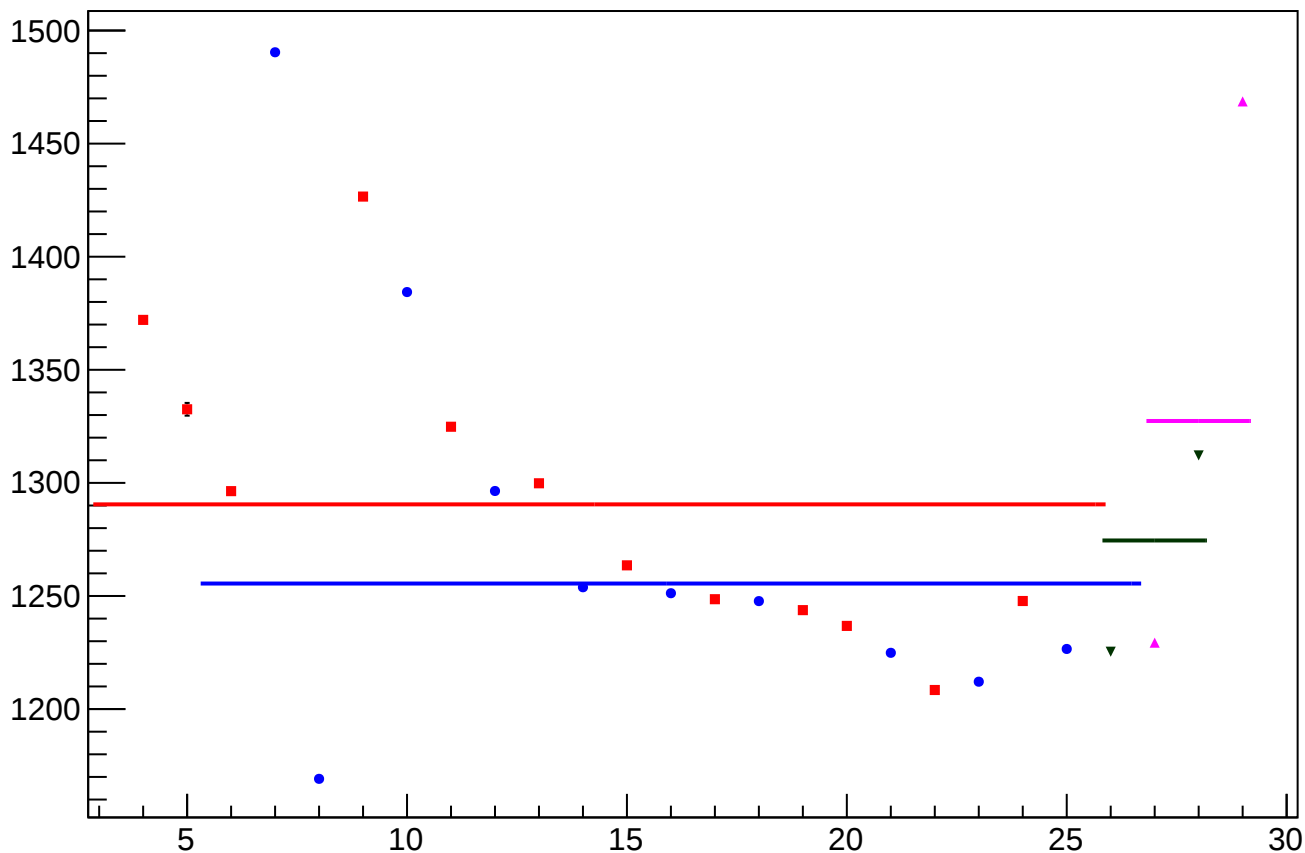
Right Out: 6.280+/-0.510 χ^2/NDF : 35.7/11

Left In: 1.230+/-1.020 χ^2/NDF : 16.9/1

8.703+/-0.454 χ^2/NDF : 321.5/11

5.270+/-0.456 χ^2/NDF : 72.2/13

diff_bpm0l07Y_rms vs slug



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

Left Out: 1274.540+/-0.811 χ^2/NDF :2815.2/1

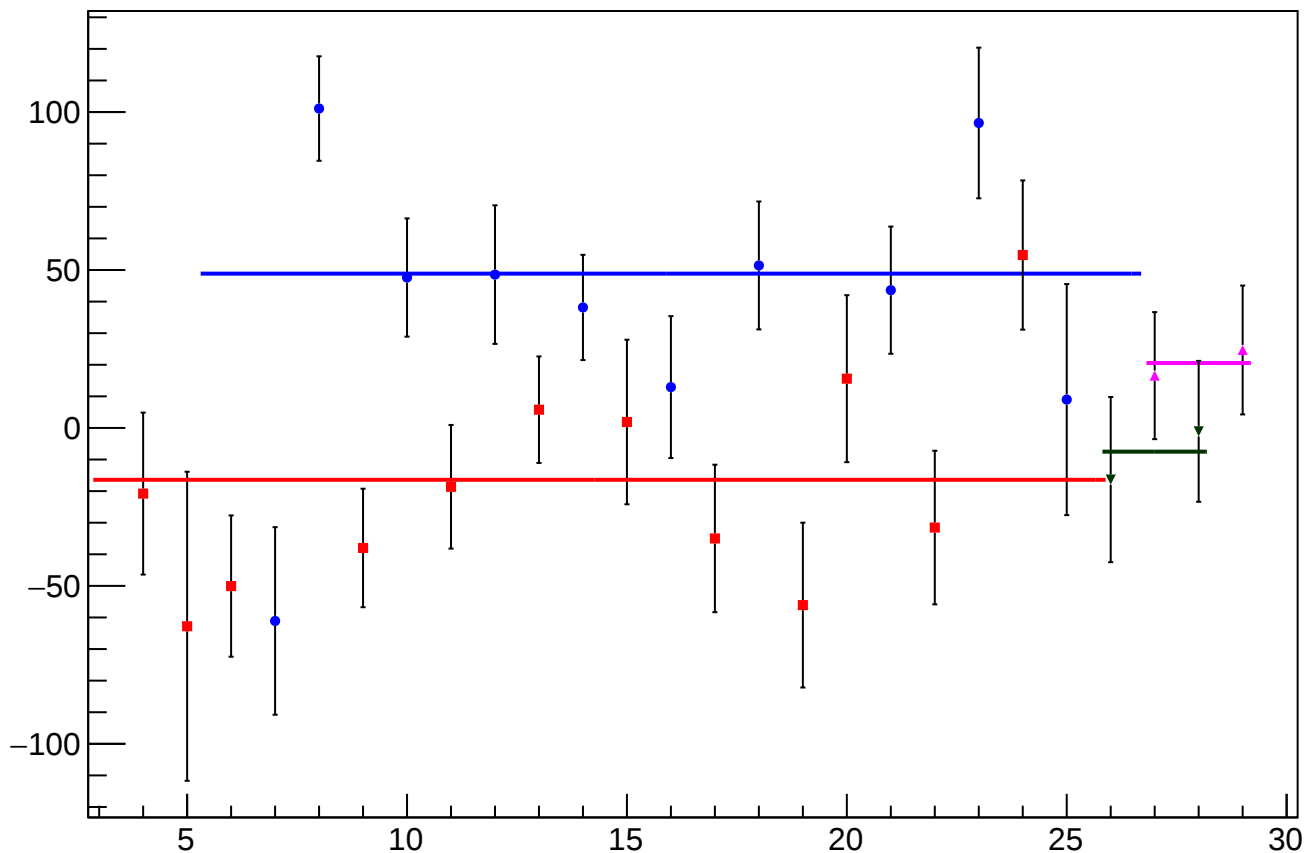
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

Left In: 1327.369+/-0.721 χ^2/NDF :26609.7/1

1258.484+/-0.321 χ^2/NDF : 44746.9/11

1297.877+/-0.323 χ^2/NDF : 57158.1/13

diff_bpm0l08X_mean vs slug



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

Left Out: -7.508 ± 16.970 χ^2/NDF : 0.2/1

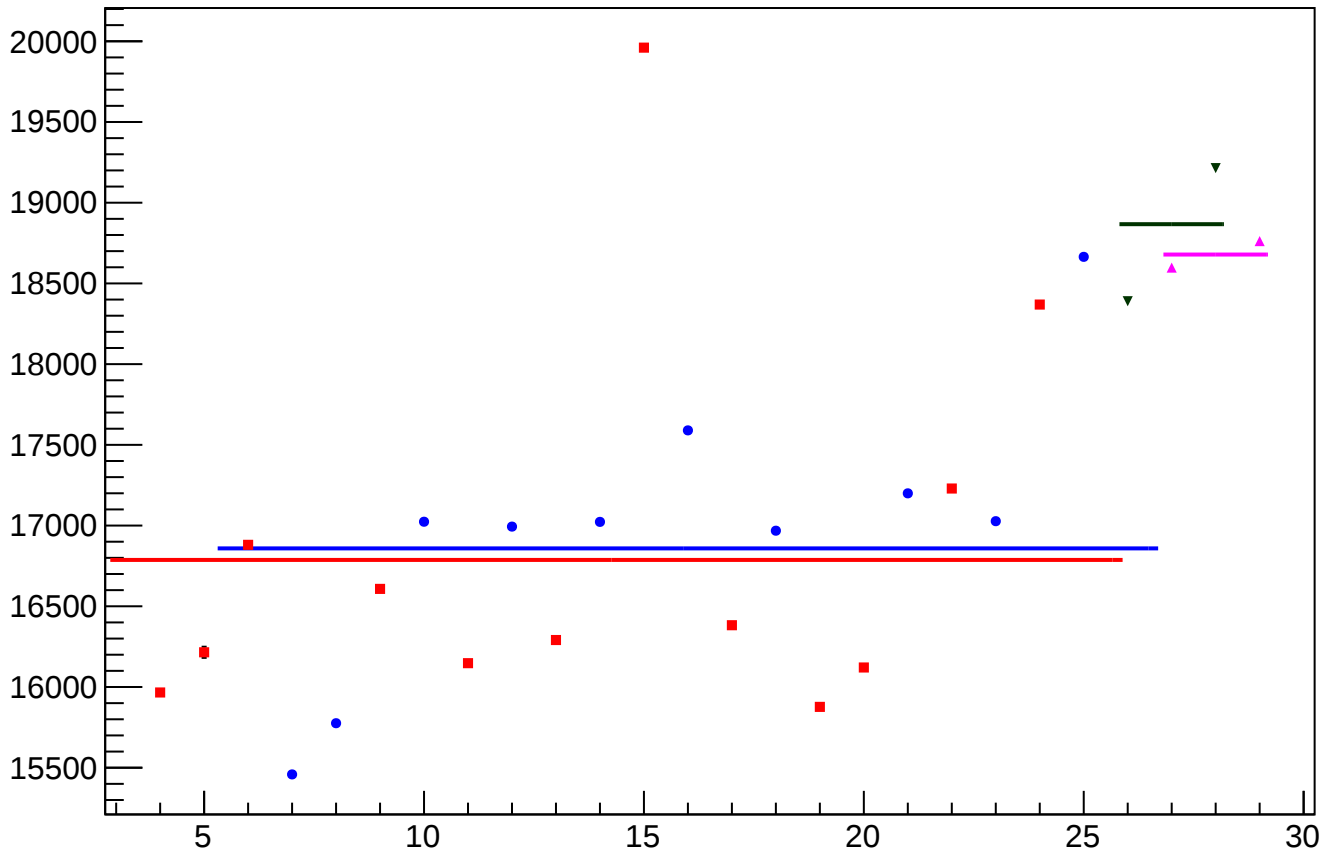
Right Out: -16.413 ± 6.651 χ^2/NDF : 20.6/11

Left In: 20.562 ± 14.321 χ^2/NDF : 0.1/1

41.380 ± 6.179 χ^2/NDF : 41.7/11

-9.853 ± 6.033 χ^2/NDF : 26.2/13

diff_bpm0l08X_rms vs slug



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

Left Out: 18866.953+/-12.000 χ^2/NDF : 1151.2/1

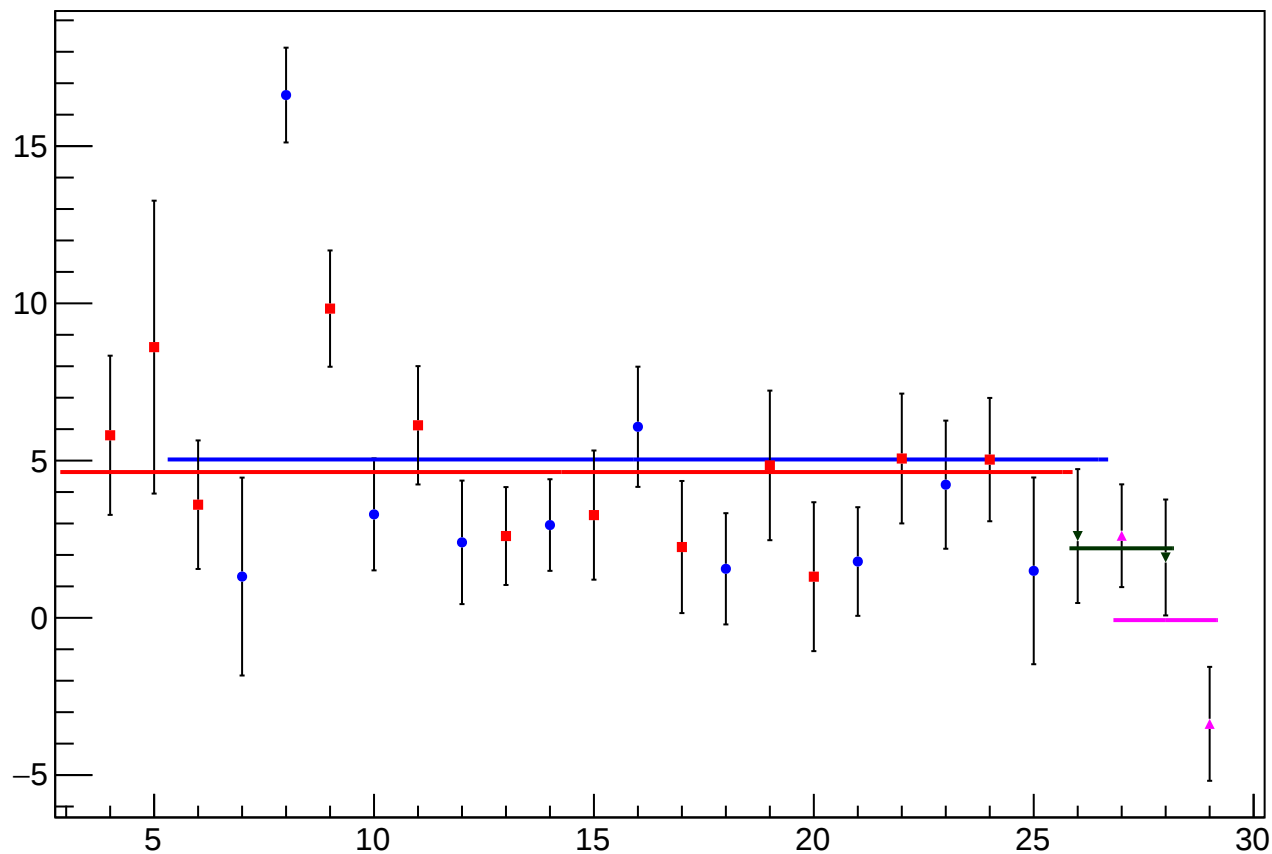
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

Left In: 18678.888+/-10.127 χ^2/NDF : 65.7/1

17124.834+/-4.369 χ^2/NDF : 46625.4/11

17122.826+/-4.266 χ^2/NDF : 78797.1/13

diff_bpm0l08Y_mean vs slug



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

Left Out: 2.211 ± 1.393 χ^2/NDF : 0.1/1

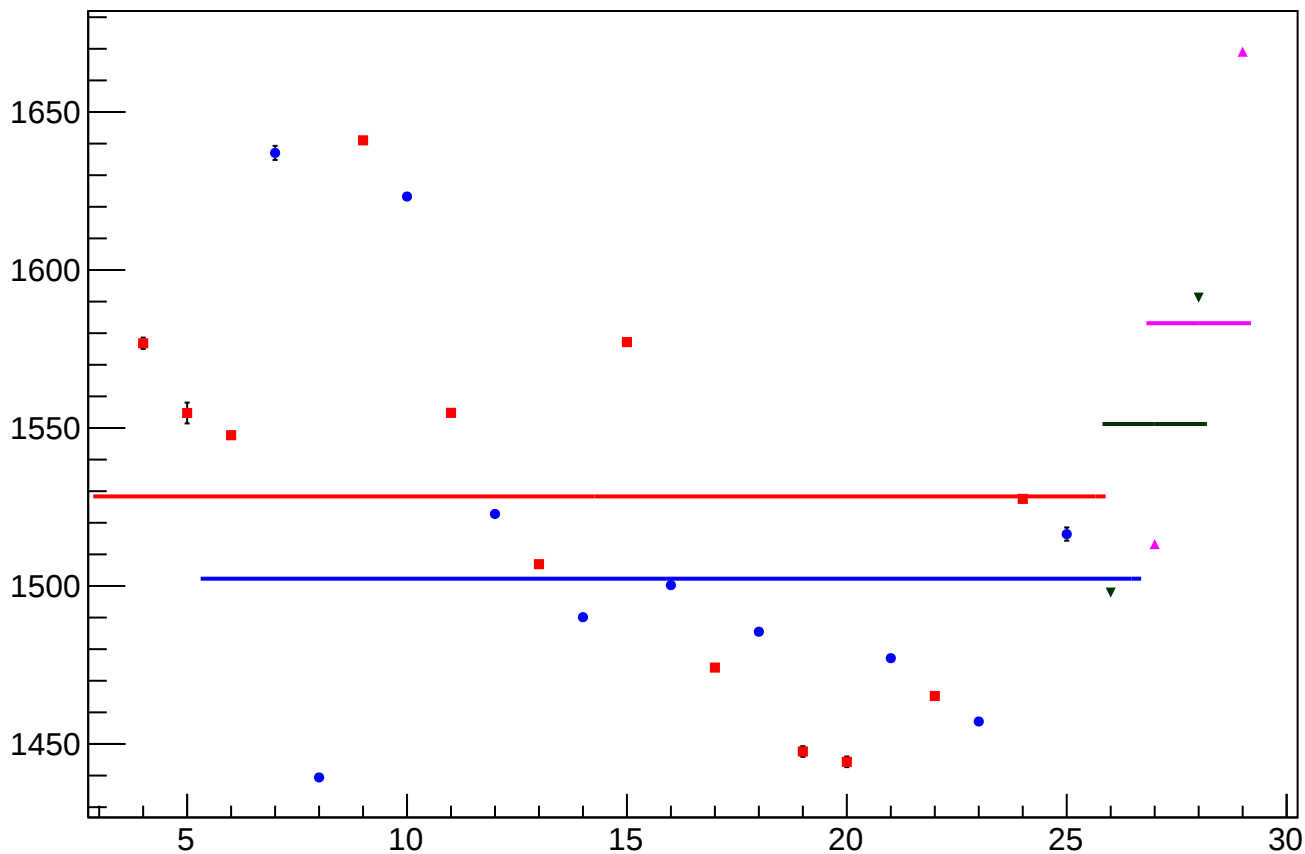
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -0.073 ± 1.213 χ^2/NDF : 6.0/1

4.606 ± 0.543 χ^2/NDF : 78.1/11

3.701 ± 0.541 χ^2/NDF : 33.3/13

diff_bpm0l08Y_rms vs slug



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

Left Out: 1551.260+/-0.985 χ^2/NDF : 2198.2/1

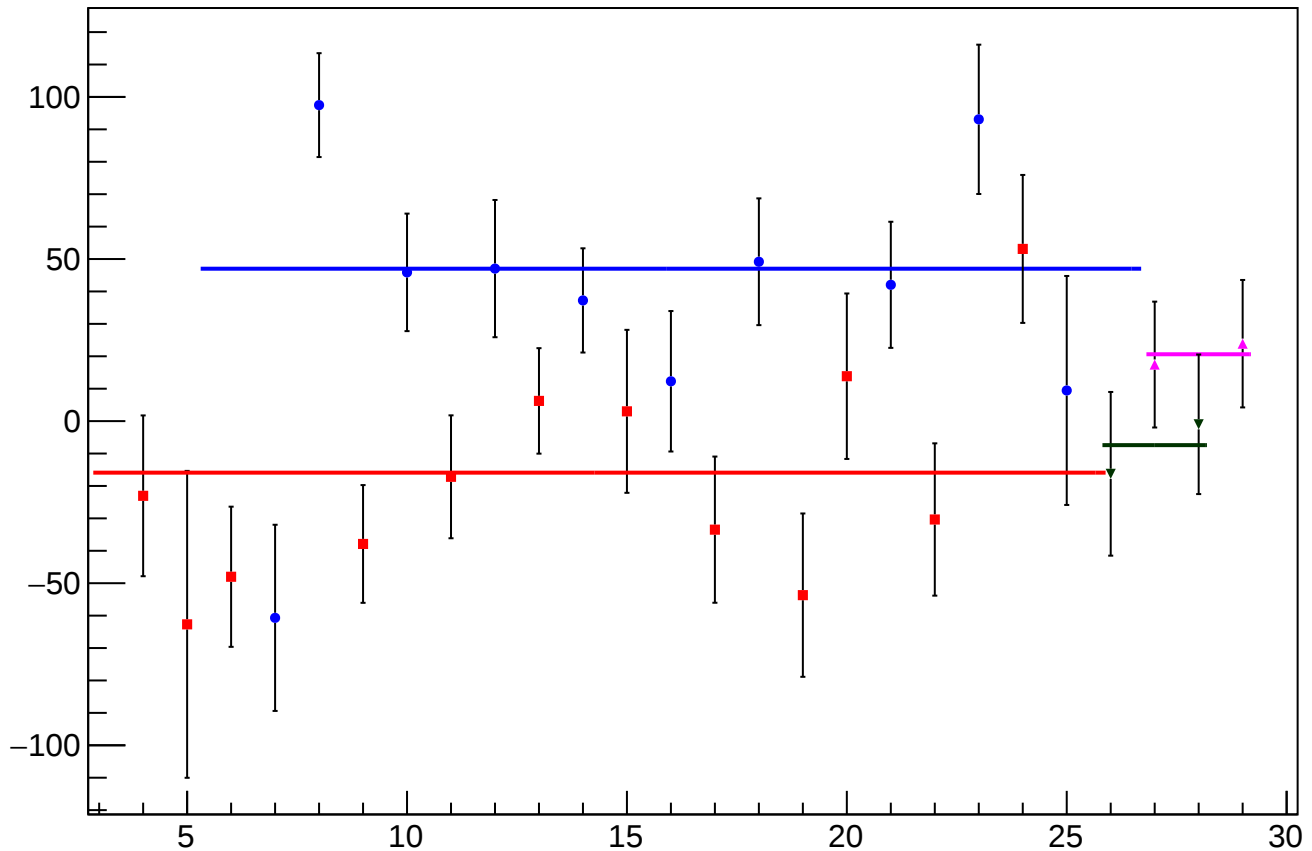
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1583.158+/-0.858 χ^2/NDF : 8160.5/1

1509.753+/-0.384 χ^2/NDF : 22664.5/11

1539.226+/-0.382 χ^2/NDF : 29768.5/13

diff_bpm0l09X_mean vs slug



Right In: 47.015 $\pm$ 6.411 χ^2/NDF : 32.1/9

Left Out: -7.409 $\pm$ 16.383 χ^2/NDF : 0.2/1

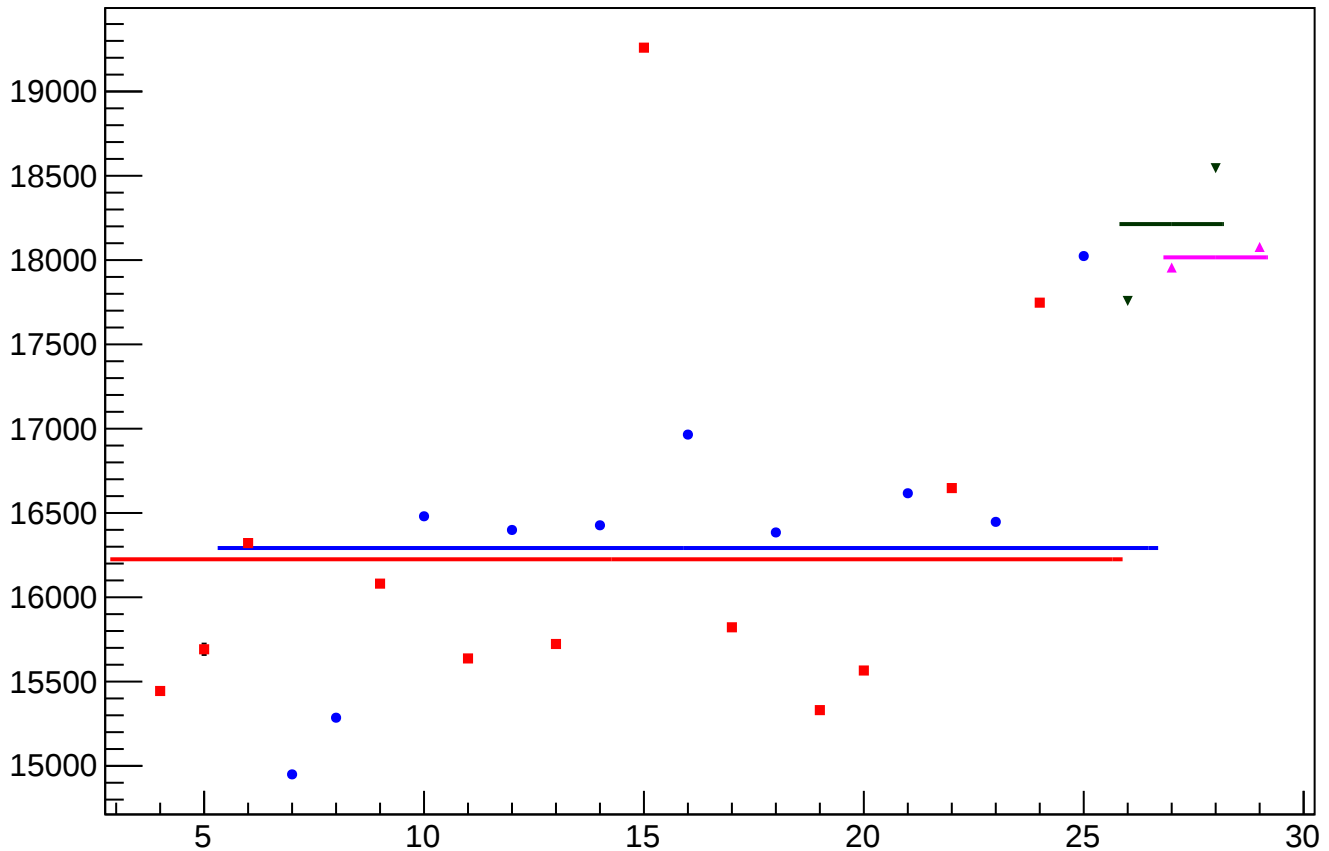
Right Out: -15.898 $\pm$ 6.429 χ^2/NDF : 20.9/11

Left In: 20.624 $\pm$ 13.813 χ^2/NDF : 0.1/1

39.788 $\pm$ 5.970 χ^2/NDF : 41.9/11

-9.395 $\pm$ 5.828 χ^2/NDF : 26.7/13

diff_bpm0l09X_rms vs slug



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

Left Out: 18213.538+/-11.584 χ^2/NDF : 1126.4/1

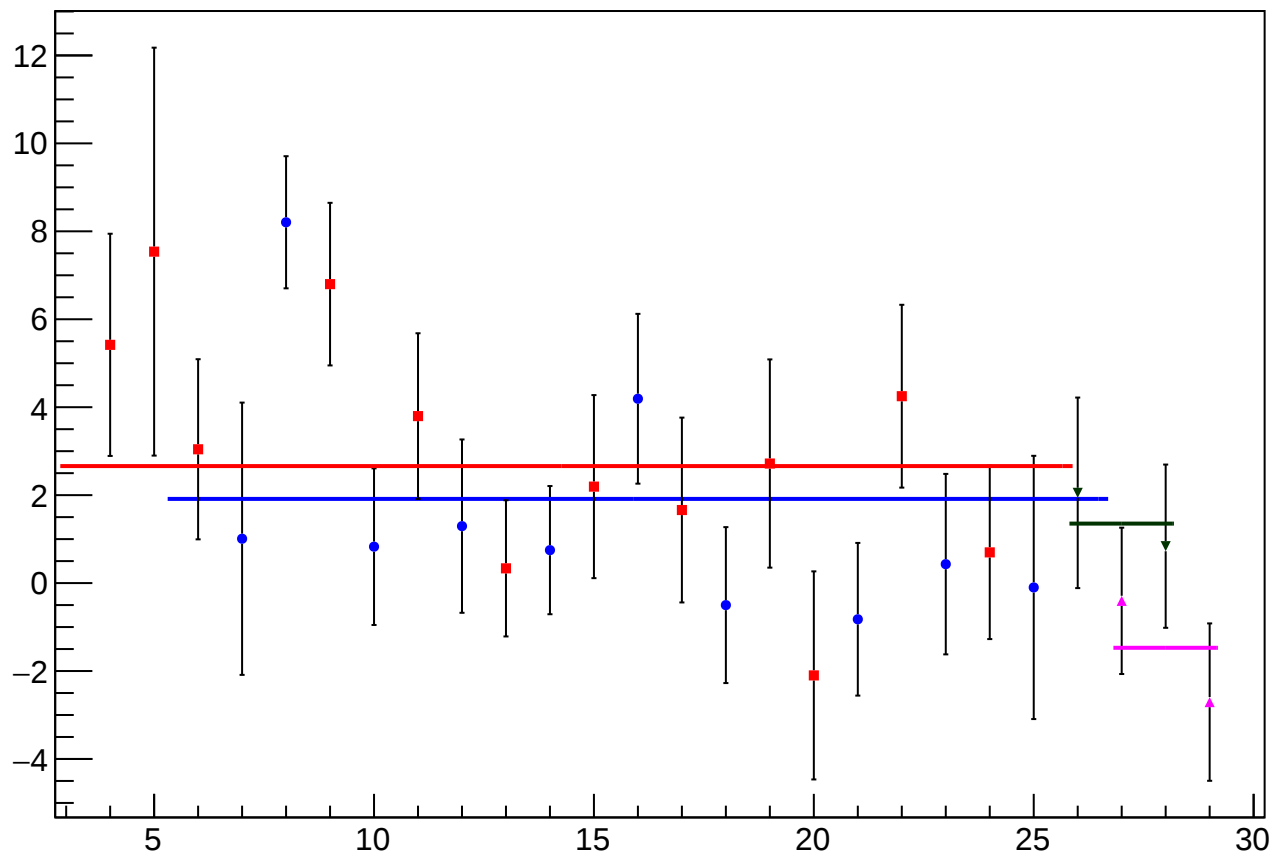
16547.339+/-4.221 χ^2/NDF : 45082.2/11

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

16544.185+/-4.121 χ^2/NDF : 77093.0/13

Left In: 18016.138+/-9.767 χ^2/NDF : 39.0/1

diff_bpm0l09Y_mean vs slug



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

Left Out: 1.353 ± 1.410 χ^2/NDF : 0.2/1

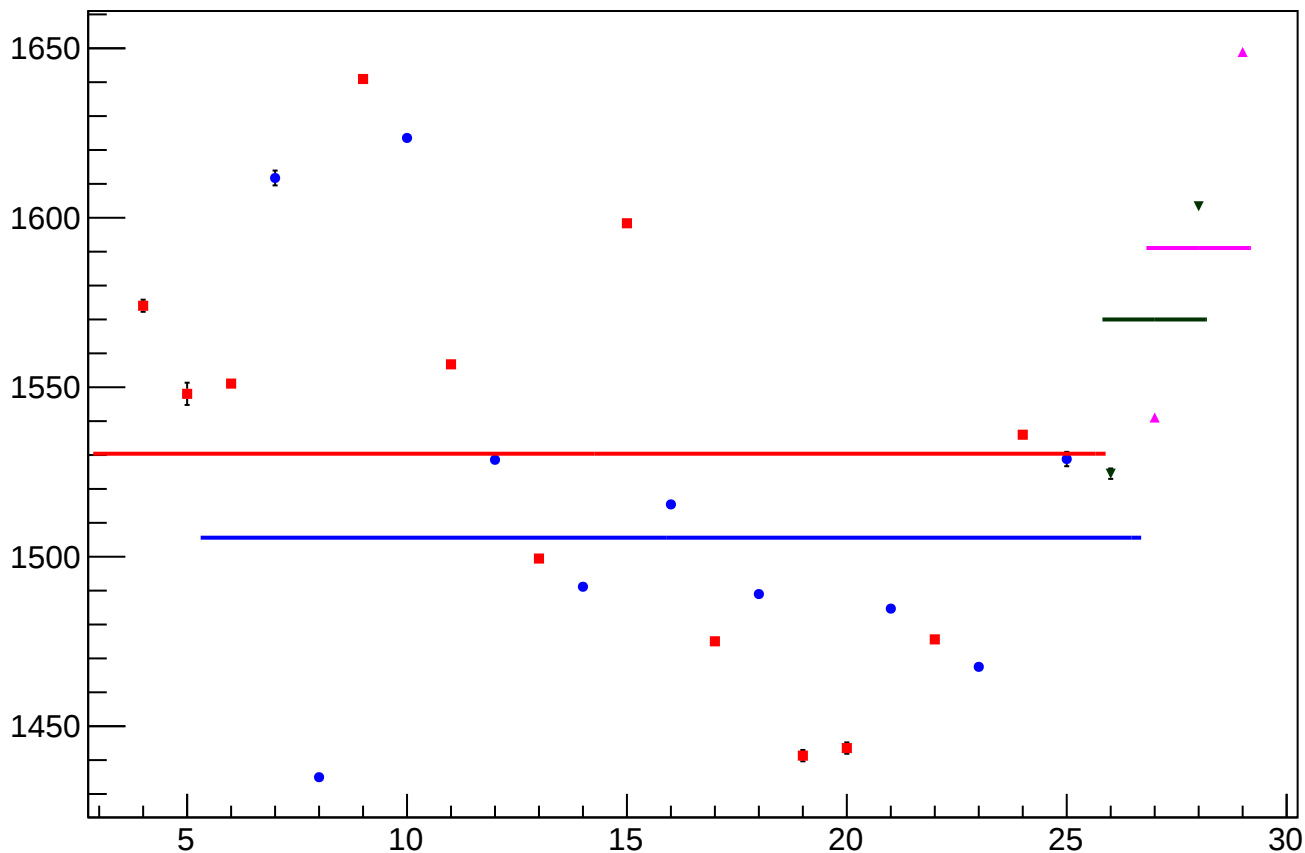
Right Out: 2.661 ± 0.605 χ^2/NDF : 15.9/11

Left In: -1.472 ± 1.219 χ^2/NDF : 0.9/1

1.830 ± 0.545 χ^2/NDF : 25.8/11

1.844 ± 0.542 χ^2/NDF : 26.0/13

diff_bpm0l09Y_rms vs slug



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

Left Out: 1569.993+/-0.997 χ^2/NDF : 1529.0/1

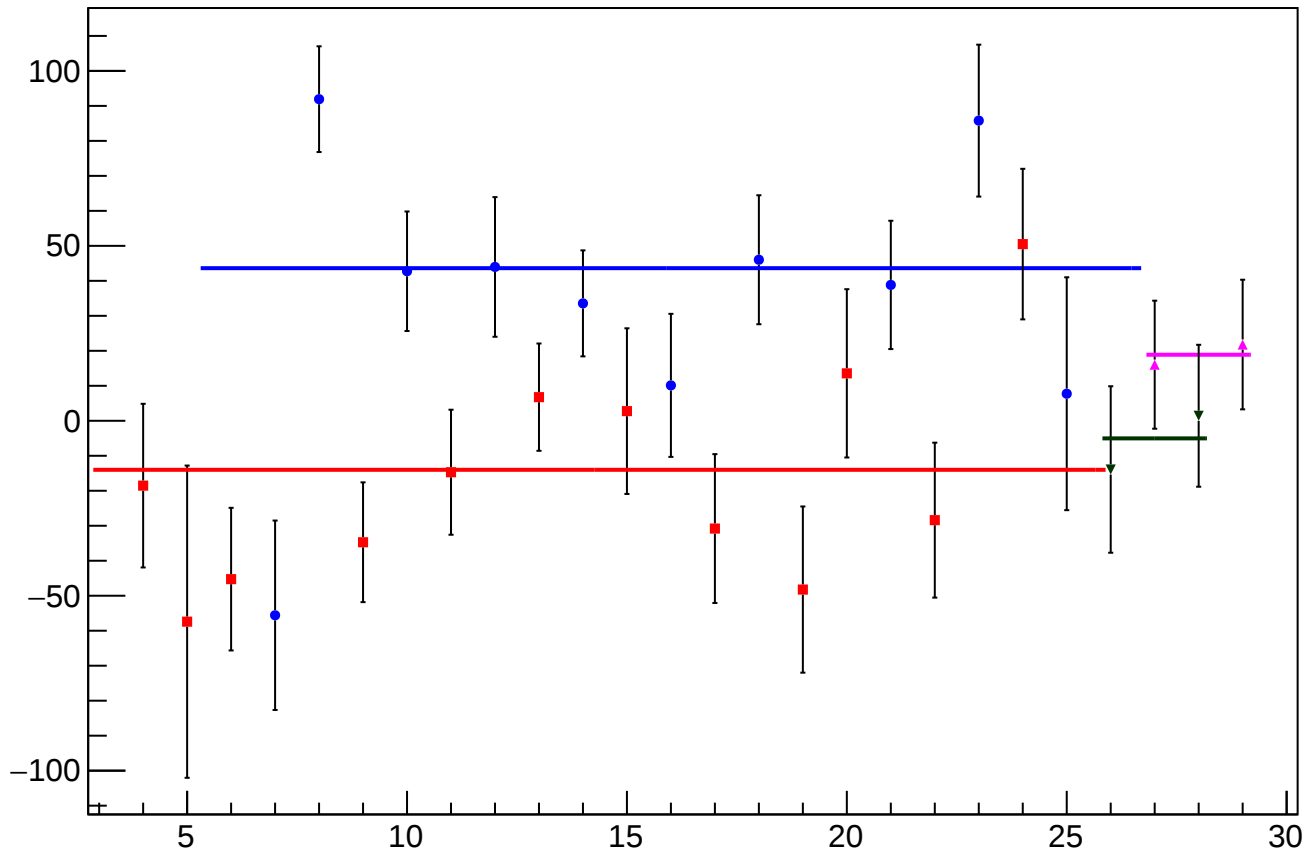
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

Left In: 1591.080+/-0.862 χ^2/NDF : 3894.8/1

1515.255+/-0.386 χ^2/NDF : 22415.6/11

1542.379+/-0.383 χ^2/NDF : 27493.3/13

diff_bpm0l10X_mean vs slug



Right In: 43.620 ± 6.044 χ^2/NDF : 31.8/9

Left Out: -5.028 ± 15.435 χ^2/NDF : 0.2/1

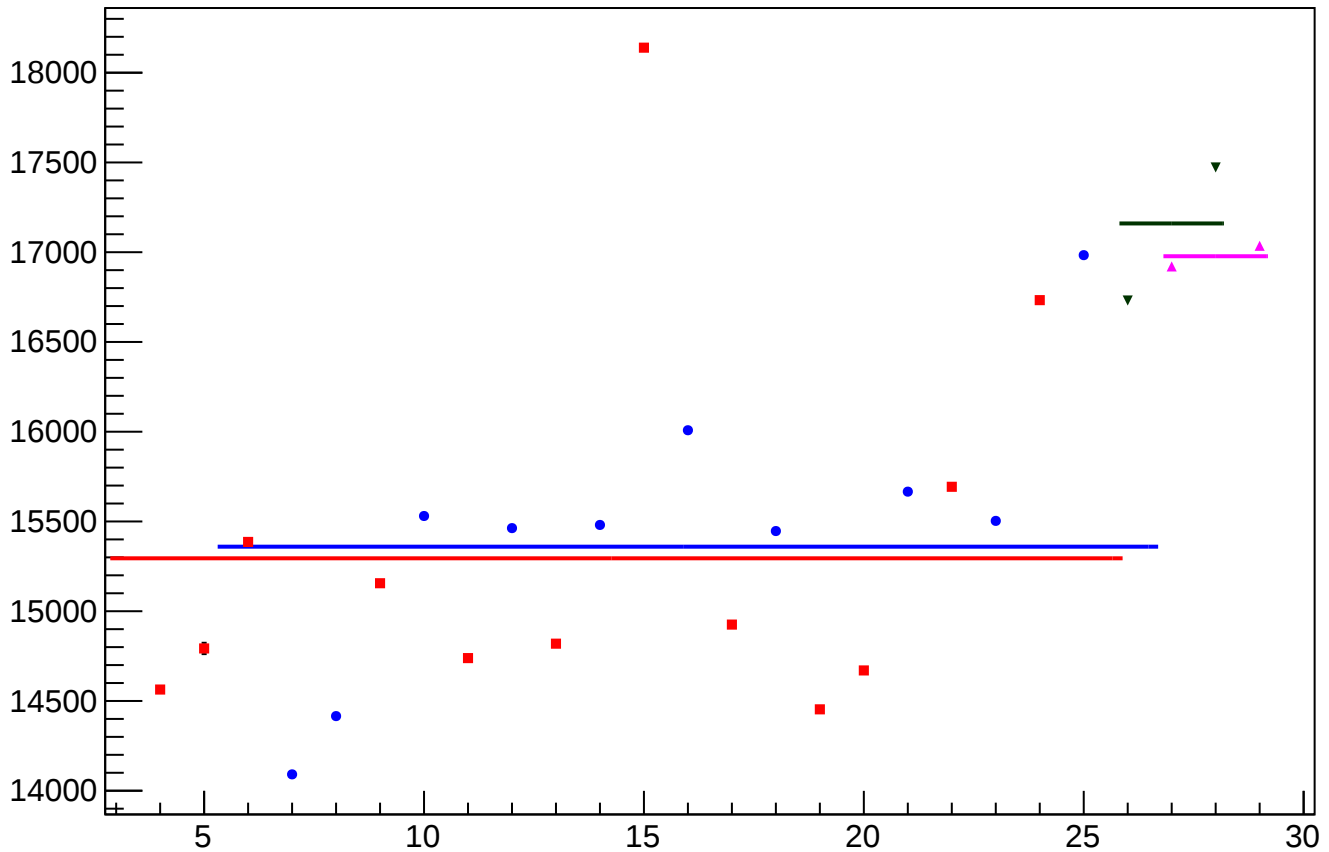
Right Out: -14.010 ± 6.060 χ^2/NDF : 20.6/11

Left In: 18.877 ± 13.017 χ^2/NDF : 0.0/1

37.153 ± 5.628 χ^2/NDF : 40.7/11

-8.152 ± 5.494 χ^2/NDF : 25.9/13

diff_bpm0l10X_rms vs slug



Right In: 15359.560+/-4.274 χ^2/NDF : 20044.9/9

Left Out: 17160.176+/-10.914 χ^2/NDF :1124.1/1

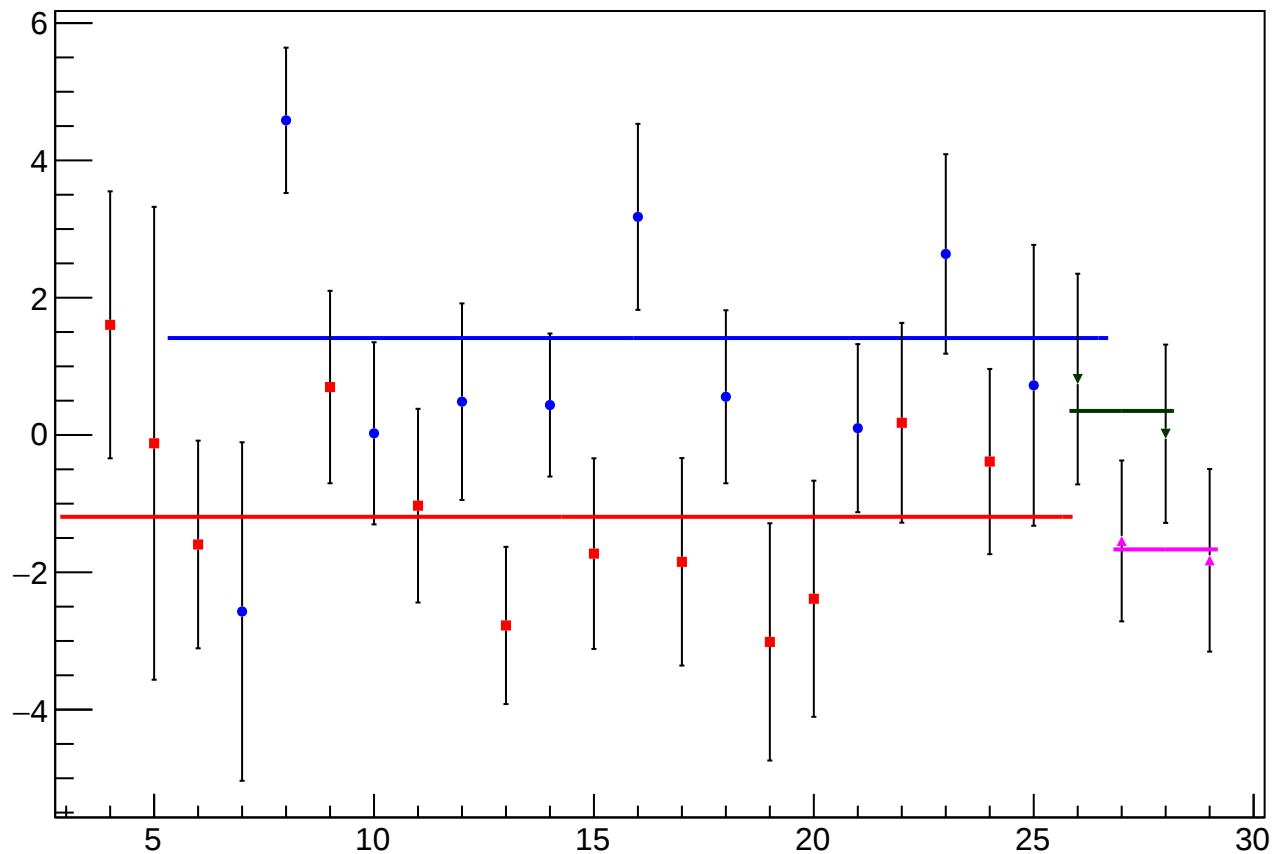
Right Out: 15294.772+/-4.285 χ^2/NDF : 49160.5/11

Left In: 16977.542+/-9.204 χ^2/NDF :39.0/1

15598.922+/-3.979 χ^2/NDF : 44767.9/11

15594.509+/-3.885 χ^2/NDF : 76670.8/13

diff_bpm0l10Y_mean vs slug



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

Left Out: 0.351 ± 0.991 $\chi^2/\text{NDF}: 0.2/1$

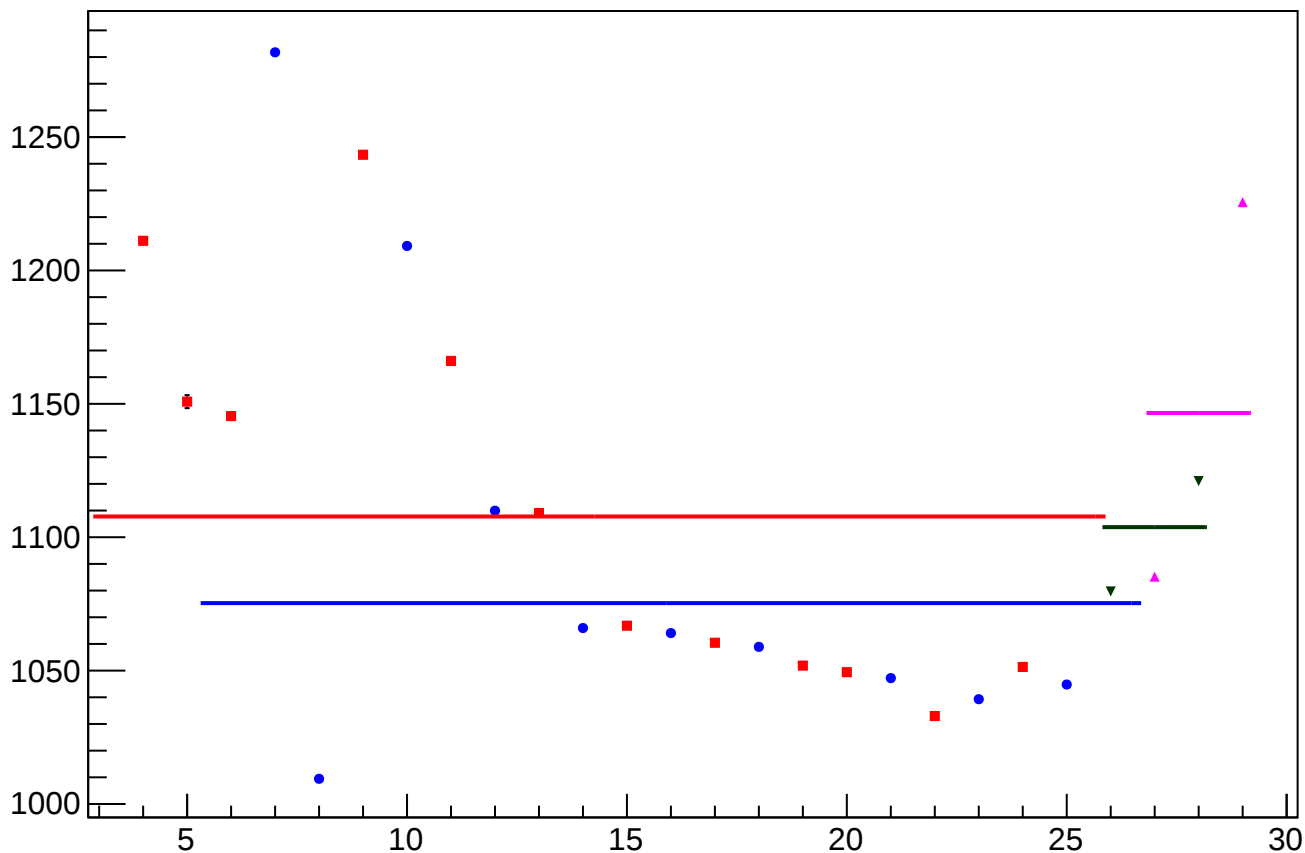
Right Out: -1.191 ± 0.438 $\chi^2/\text{NDF}: 9.1/11$

Left In: -1.666 ± 0.879 $\chi^2/\text{NDF}: 0.0/1$

1.249 ± 0.389 $\chi^2/\text{NDF}: 19.2/11$

-1.286 ± 0.392 $\chi^2/\text{NDF}: 9.4/13$

diff_bpm0l10Y_rms vs slug



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

Left Out: 1103.776 $\pm$ 0.701 χ^2 /NDF:847.4/1

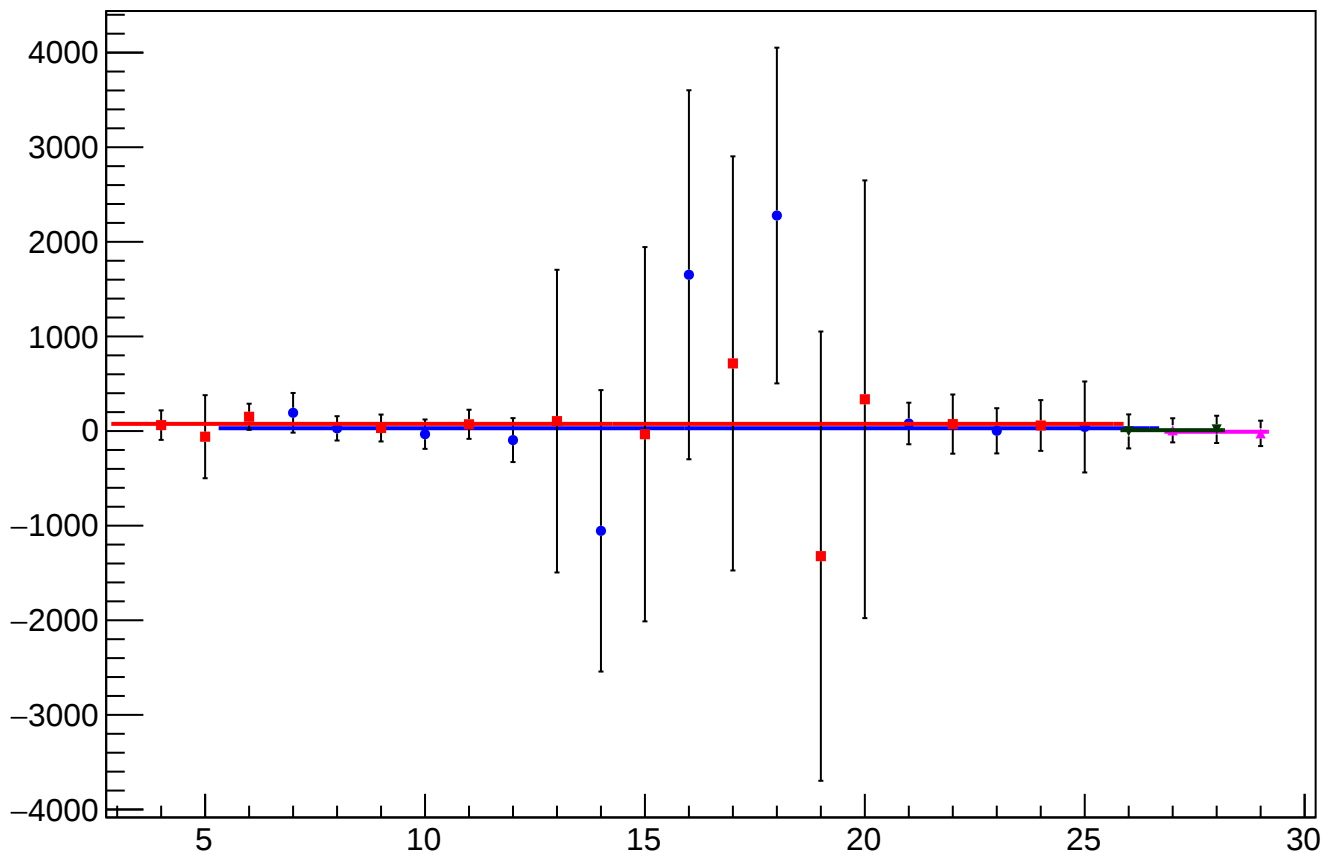
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

Left In: 1146.567 $\pm$ 0.622 χ^2 /NDF:12547.3/1

1079.688 $\pm$ 0.275 χ^2 /NDF: 48920.9/11

1115.490 $\pm$ 0.277 χ^2 /NDF: 61879.8/13

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: 9.335+/-112.436 χ^2/NDF : 0.0/1

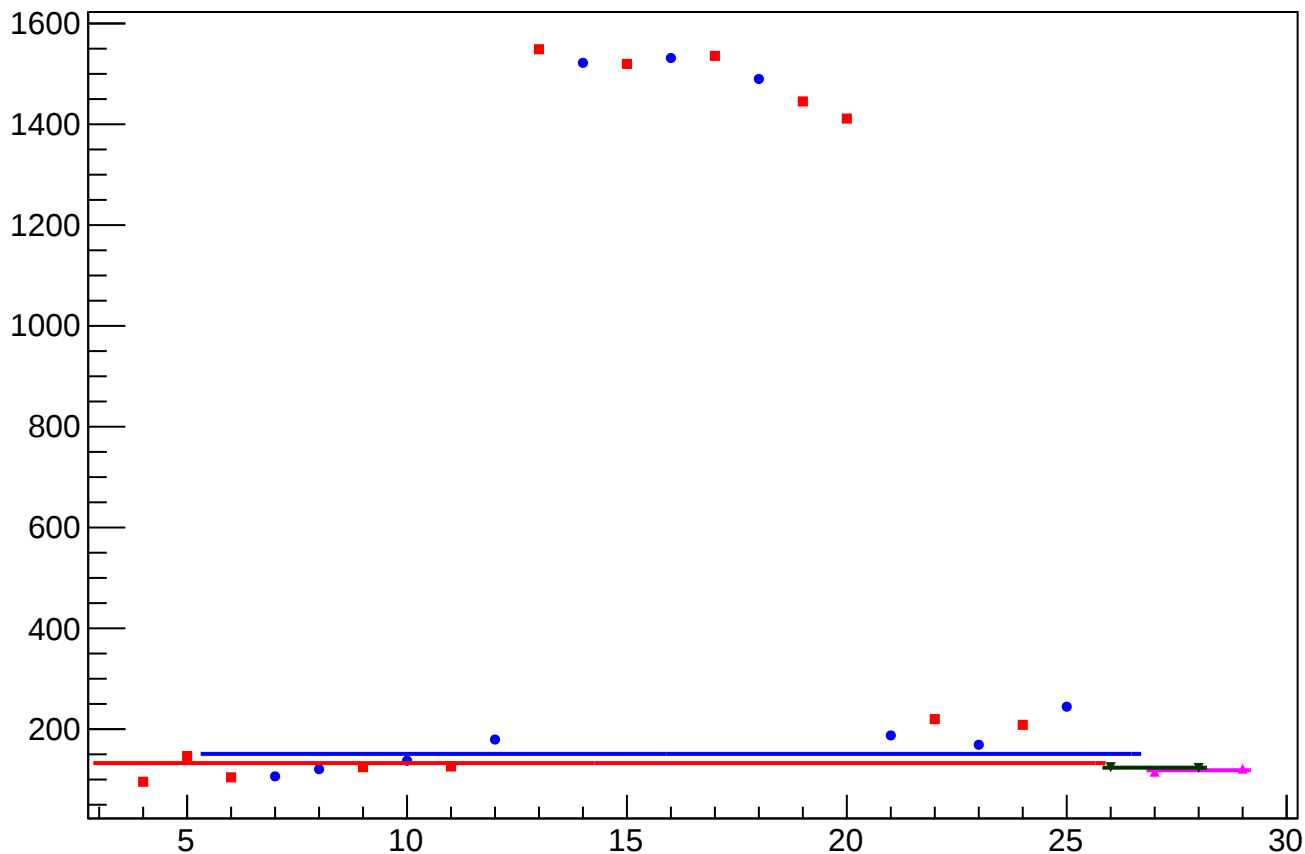
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: -7.637+/-92.413 χ^2/NDF : 0.0/1

23.606+/-61.302 χ^2/NDF : 4.0/11

46.528+/-54.799 χ^2/NDF : 1.5/13

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 123.523+/-0.080 χ^2/NDF : 88.6/1

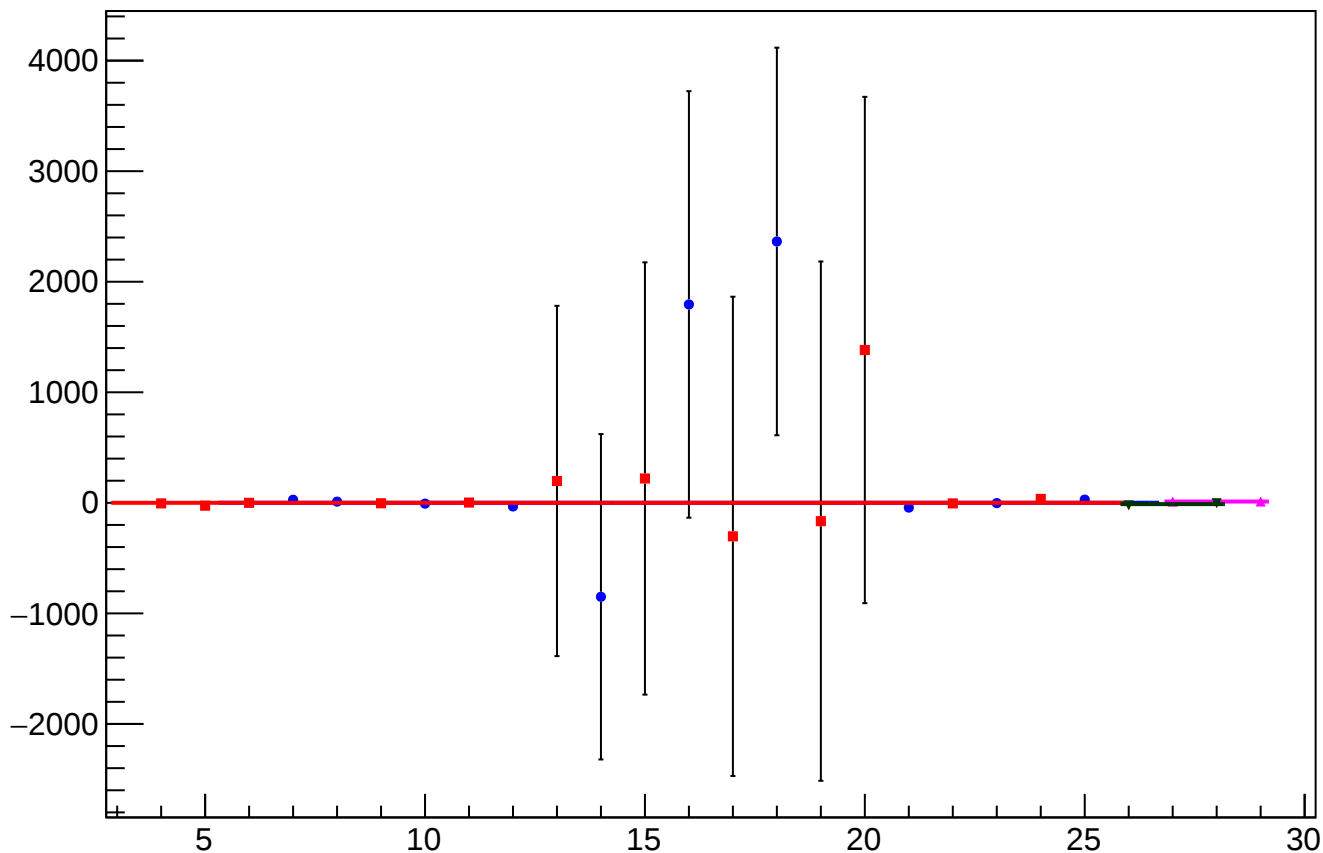
Right Out: 132.646+/-0.048 χ^2/NDF : 5120067.3/11

Left In: 118.465+/-0.065 χ^2/NDF : 2122.7/1

142.780+/-0.043 χ^2/NDF : 4313618.3/11

127.660+/-0.039 χ^2/NDF : 5152726.3/13

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: -11.560+/-16.393 χ^2/NDF : 0.3/1

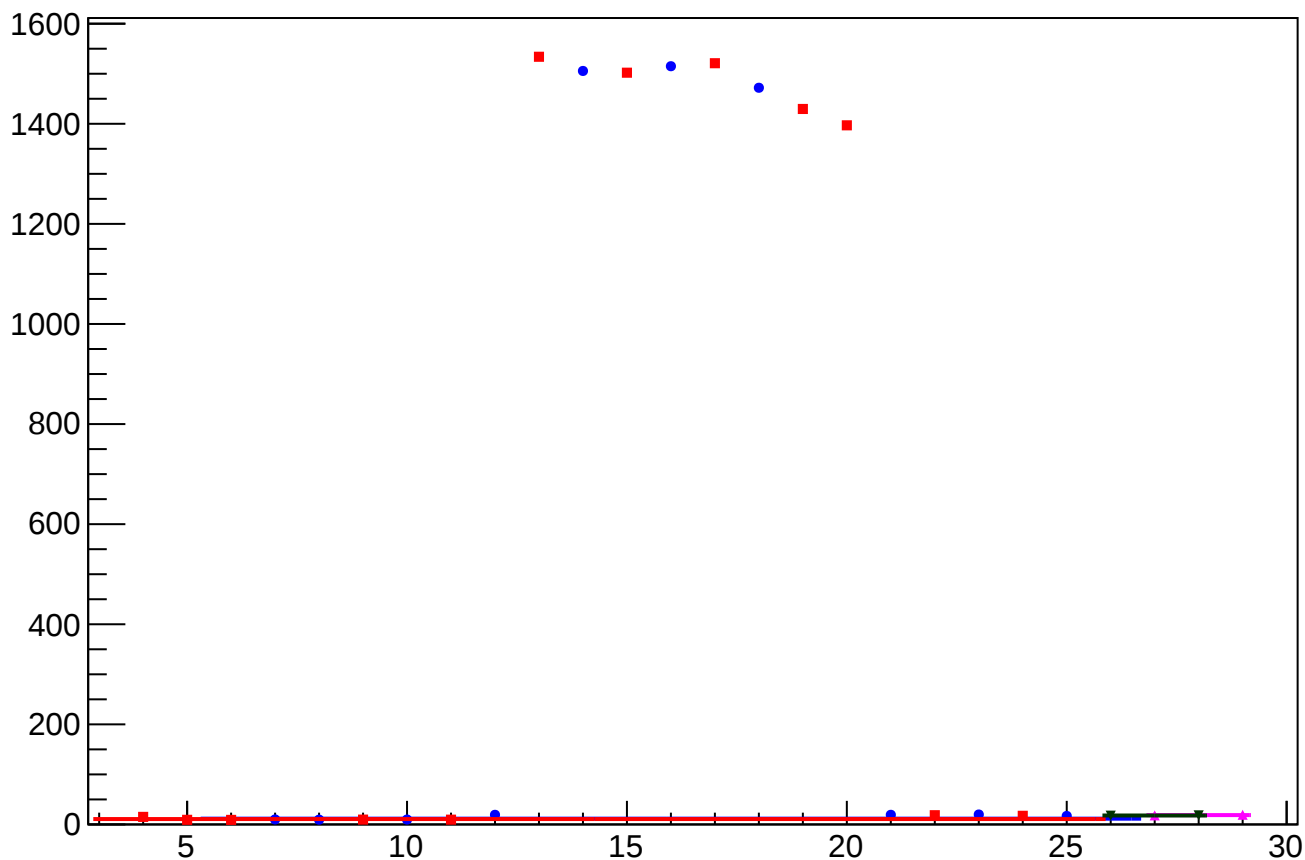
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 11.839+/-14.653 χ^2/NDF : 0.0/1

-0.610+/-5.798 χ^2/NDF : 12.6/11

1.923+/-5.459 χ^2/NDF : 4.5/13

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 17.907+/-0.012 χ^2/NDF : 724.2/1

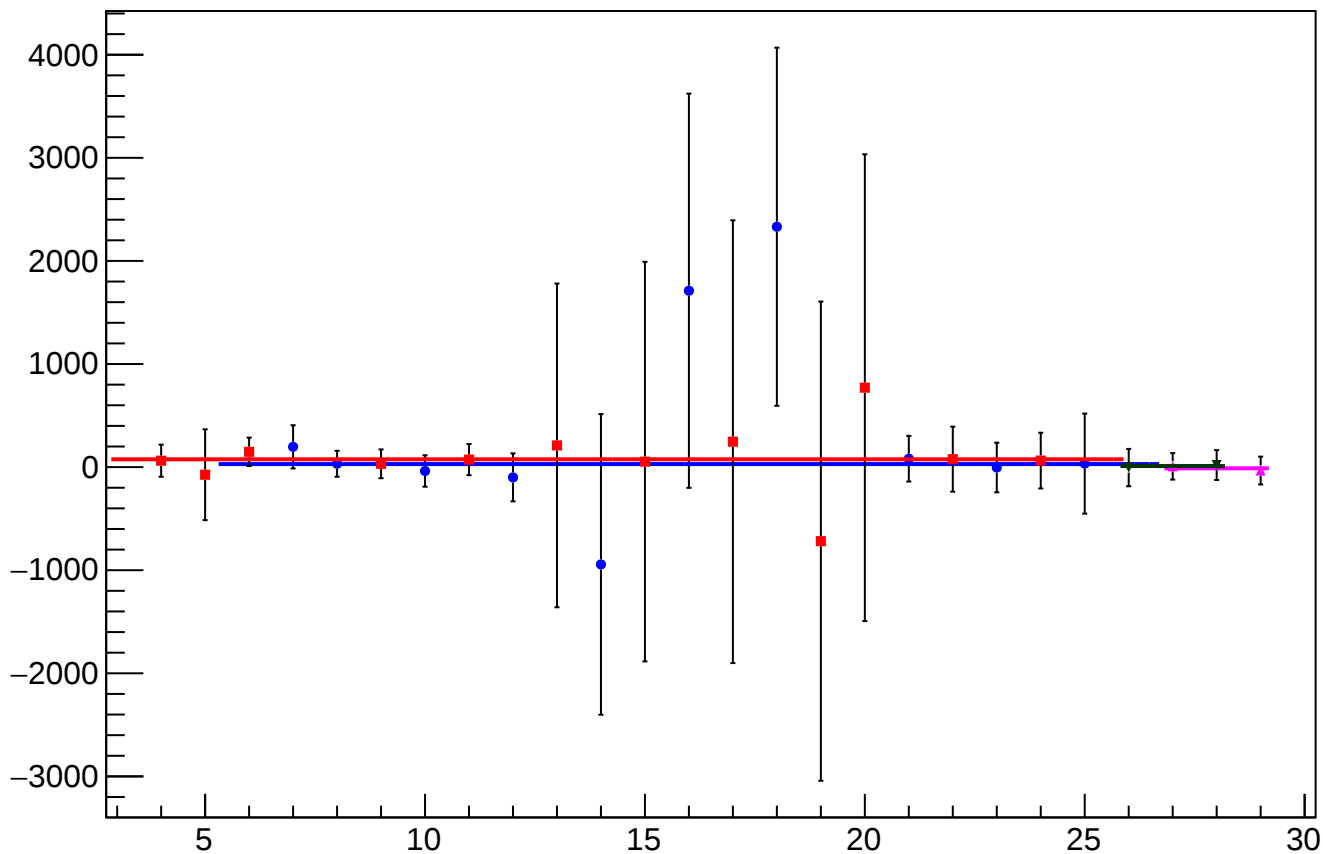
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 18.705+/-0.010 χ^2/NDF : 3713.2/1

12.349+/-0.004 χ^2/NDF : 5631565.8/11

11.890+/-0.004 χ^2/NDF : 6428872.9/13

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: 10.516+/-113.241 χ^2/NDF : 0.0/1

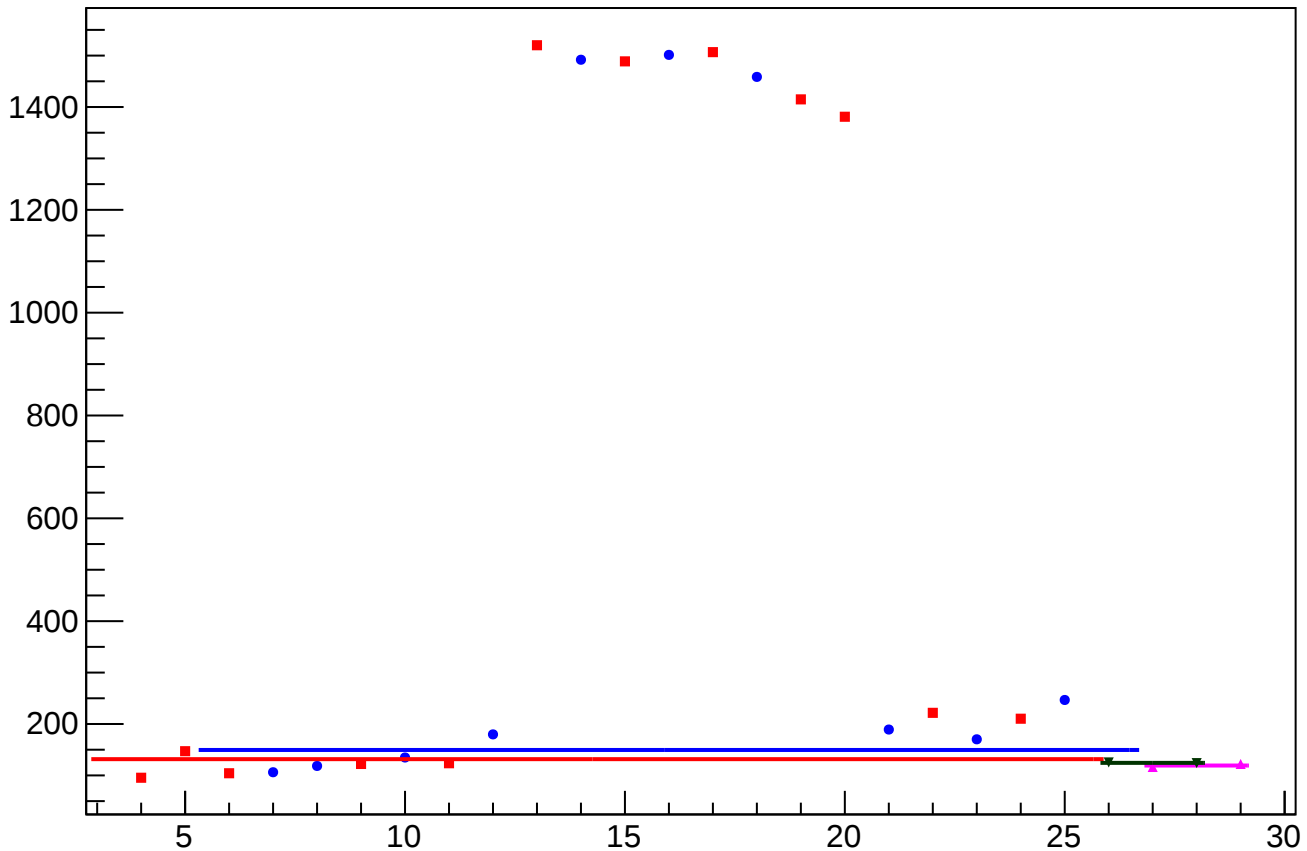
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: -11.762+/-93.019 χ^2/NDF : 0.0/1

23.967+/-61.068 χ^2/NDF : 4.2/11

45.734+/-54.647 χ^2/NDF : 1.4/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



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

Left Out: 124.406+/-0.080 χ^2/NDF :65.6/1

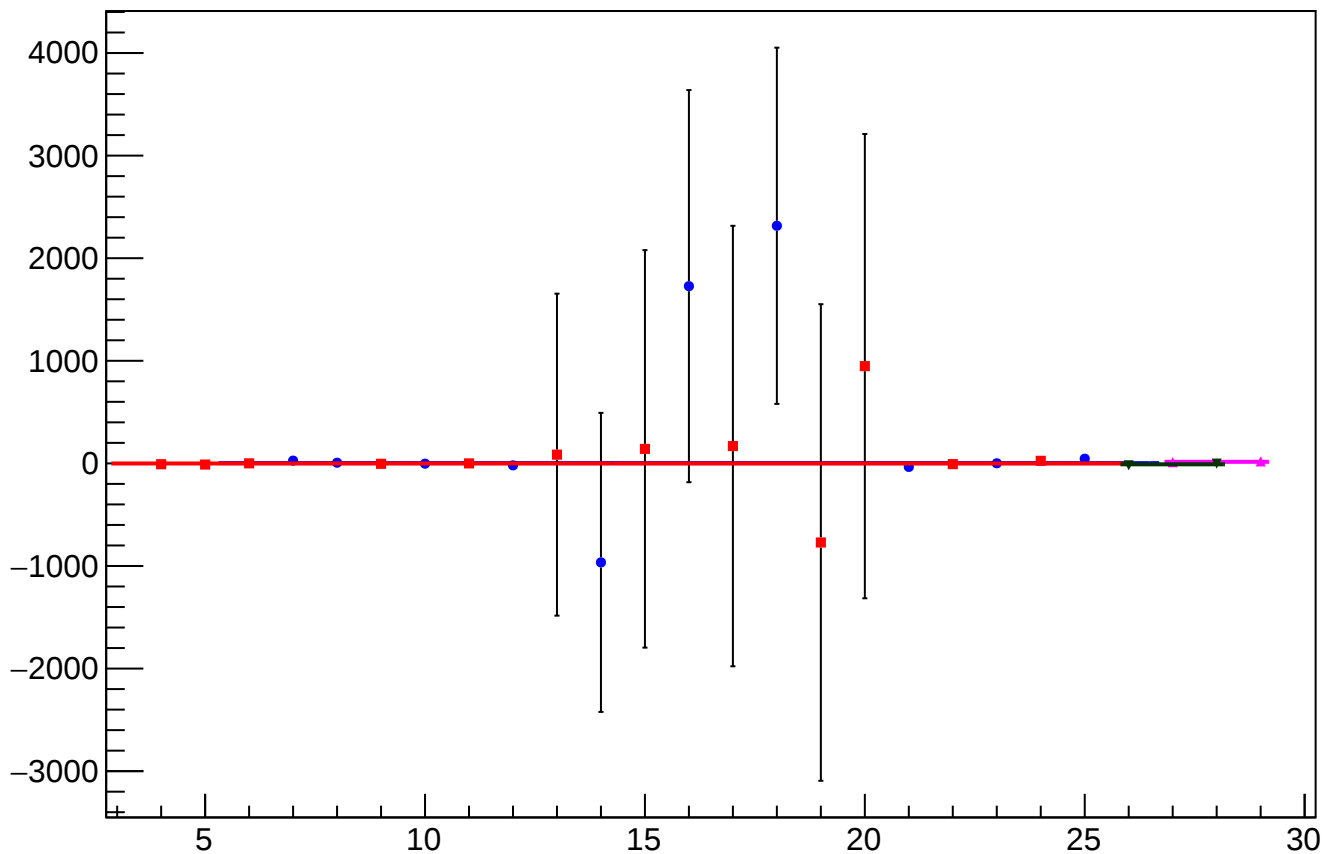
142.195+/-0.043 χ^2/NDF : 4319532.7/11

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

127.340+/-0.039 χ^2/NDF : 5145865.1/13

Left In: 119.228+/-0.066 χ^2/NDF :1978.8/1

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: -9.003+/-15.715 χ^2/NDF : 0.3/1

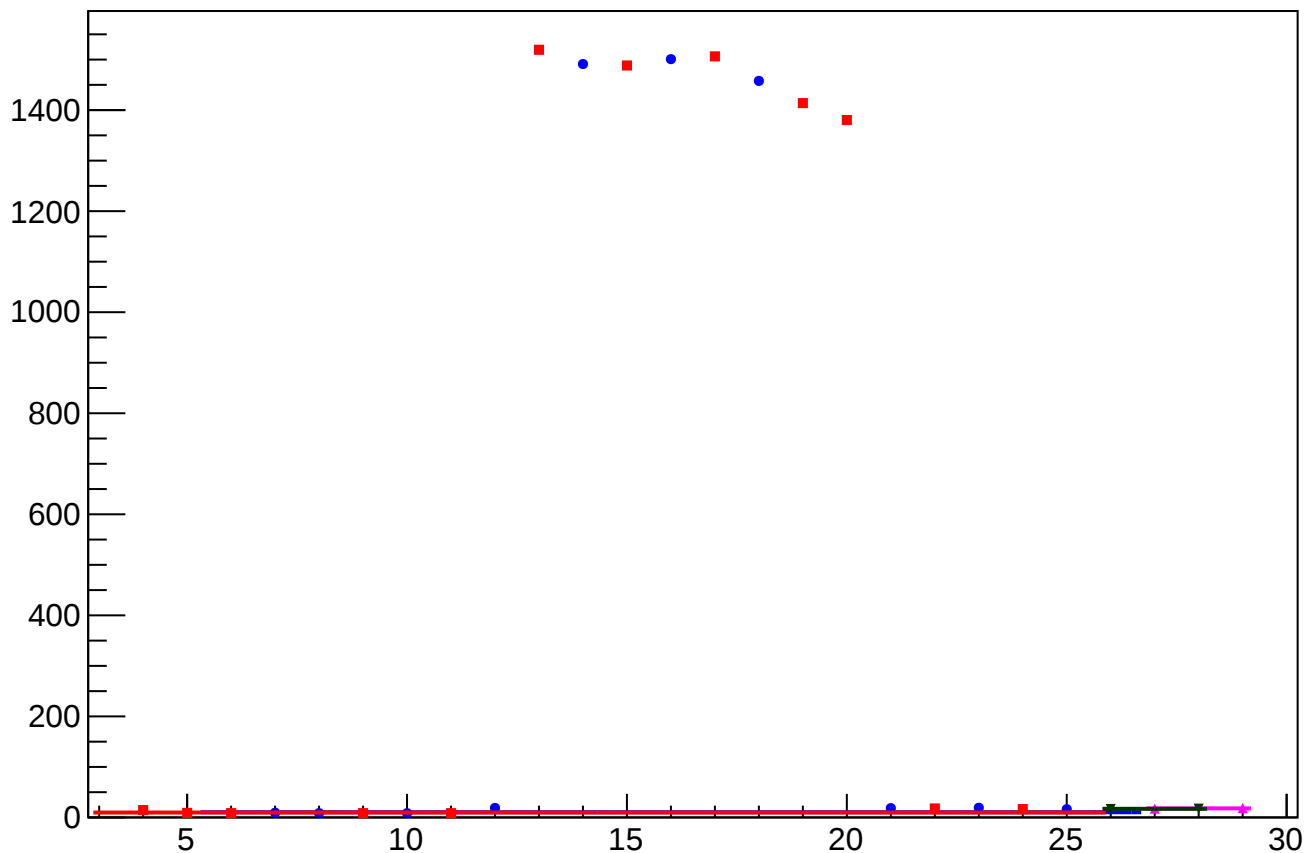
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 15.234+/-14.090 χ^2/NDF : 0.1/1

1.303+/-5.273 χ^2/NDF : 10.8/11

1.233+/-5.013 χ^2/NDF : 3.4/13

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: 17.122+/-0.011 χ^2/NDF : 824.1/1

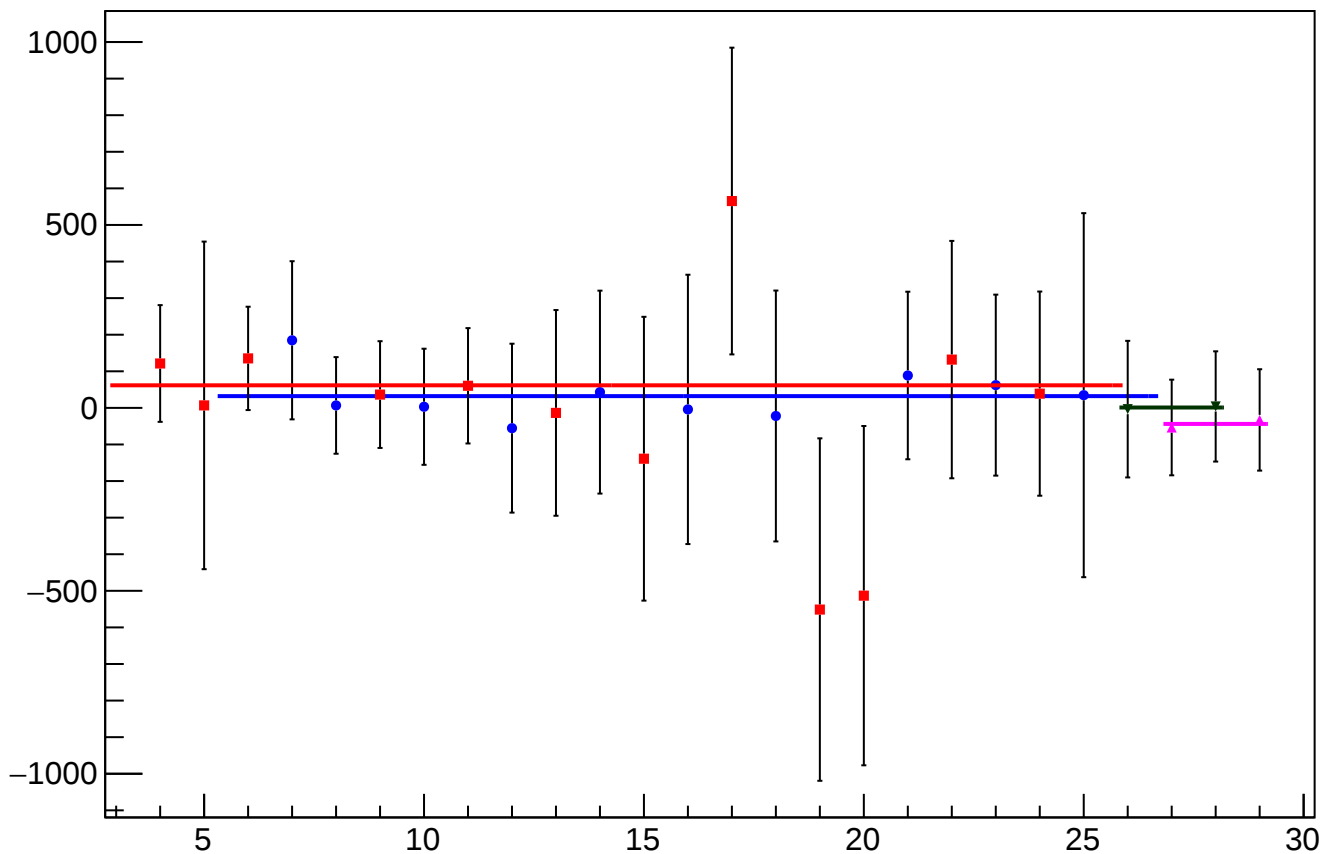
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 17.937+/-0.010 χ^2/NDF : 3278.6/1

11.066+/-0.004 χ^2/NDF : 5851463.2/11

10.798+/-0.004 χ^2/NDF : 6599828.4/13

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: 1.033+/-117.247 χ^2/NDF : 0.0/1

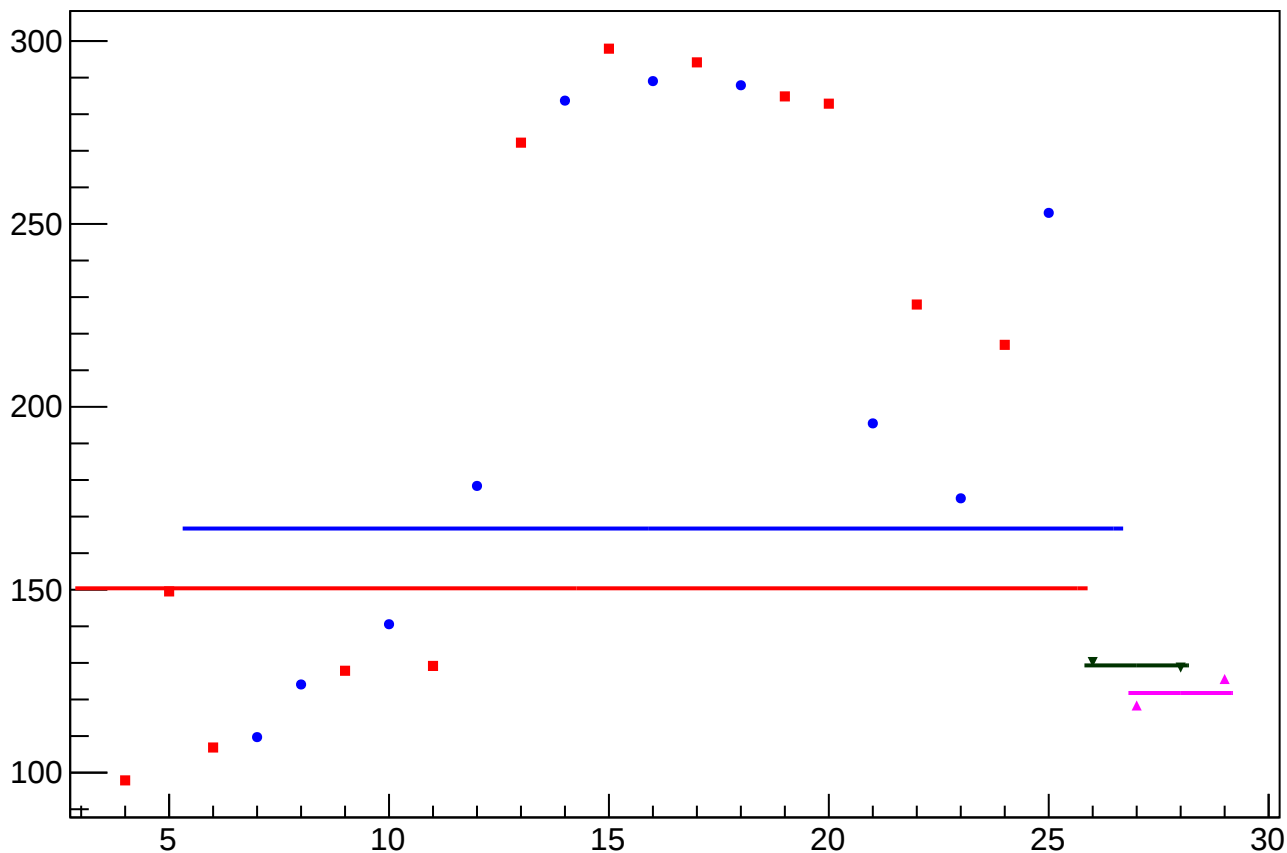
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -43.849+/-95.078 χ^2/NDF : 0.0/1

24.014+/-59.939 χ^2/NDF : 0.9/11

28.227+/-53.543 χ^2/NDF : 6.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 129.317 $\pm$ 0.083 χ^2 /NDF:80.4/1

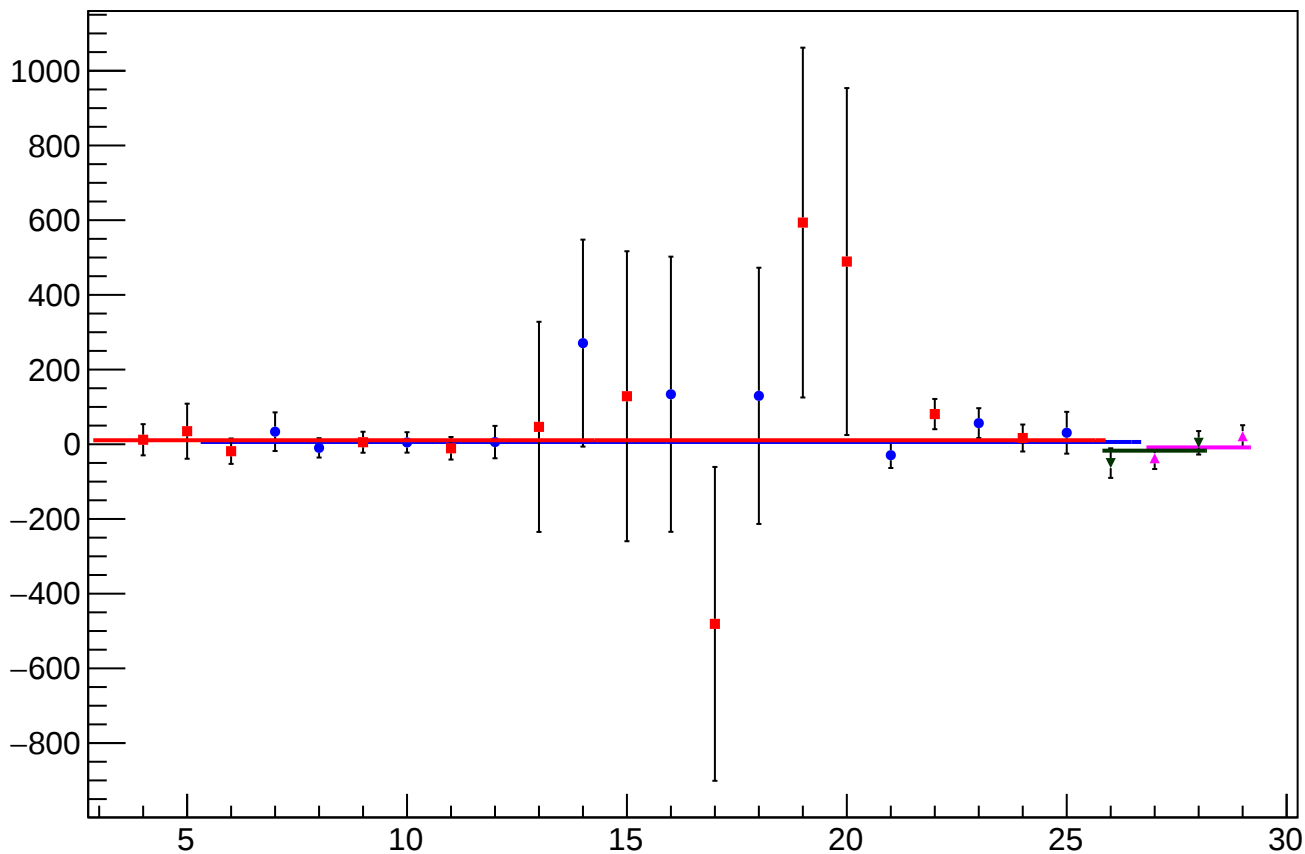
Right Out: 150.393 $\pm$ 0.046 χ^2 /NDF: 1947233.7/11

Left In: 121.773 $\pm$ 0.067 χ^2 /NDF:2886.9/1

156.956 $\pm$ 0.042 χ^2 /NDF: 1478143.8/11

141.316 $\pm$ 0.038 χ^2 /NDF: 2073865.3/13

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: -17.103 $\pm$ 24.627 χ^2 /NDF: 1.2/1

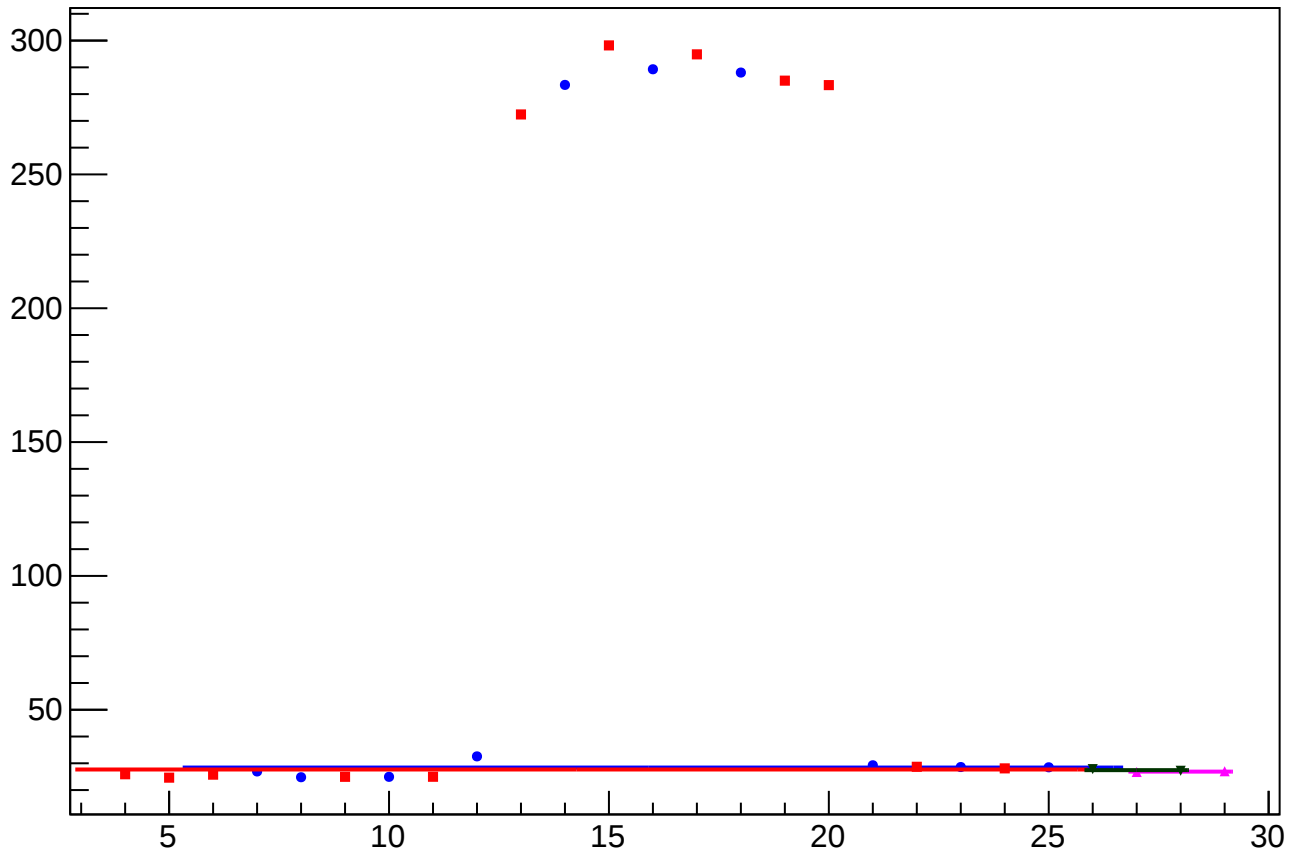
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -8.370 $\pm$ 20.633 χ^2 /NDF: 2.0/1

0.832 $\pm$ 11.787 χ^2 /NDF: 6.5/11

4.986 $\pm$ 11.361 χ^2 /NDF: 11.1/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 28.406 $\pm$ 0.009 χ^2 /NDF: 3936040.7/9

Left Out: 27.438 $\pm$ 0.017 χ^2 /NDF:300.2/1

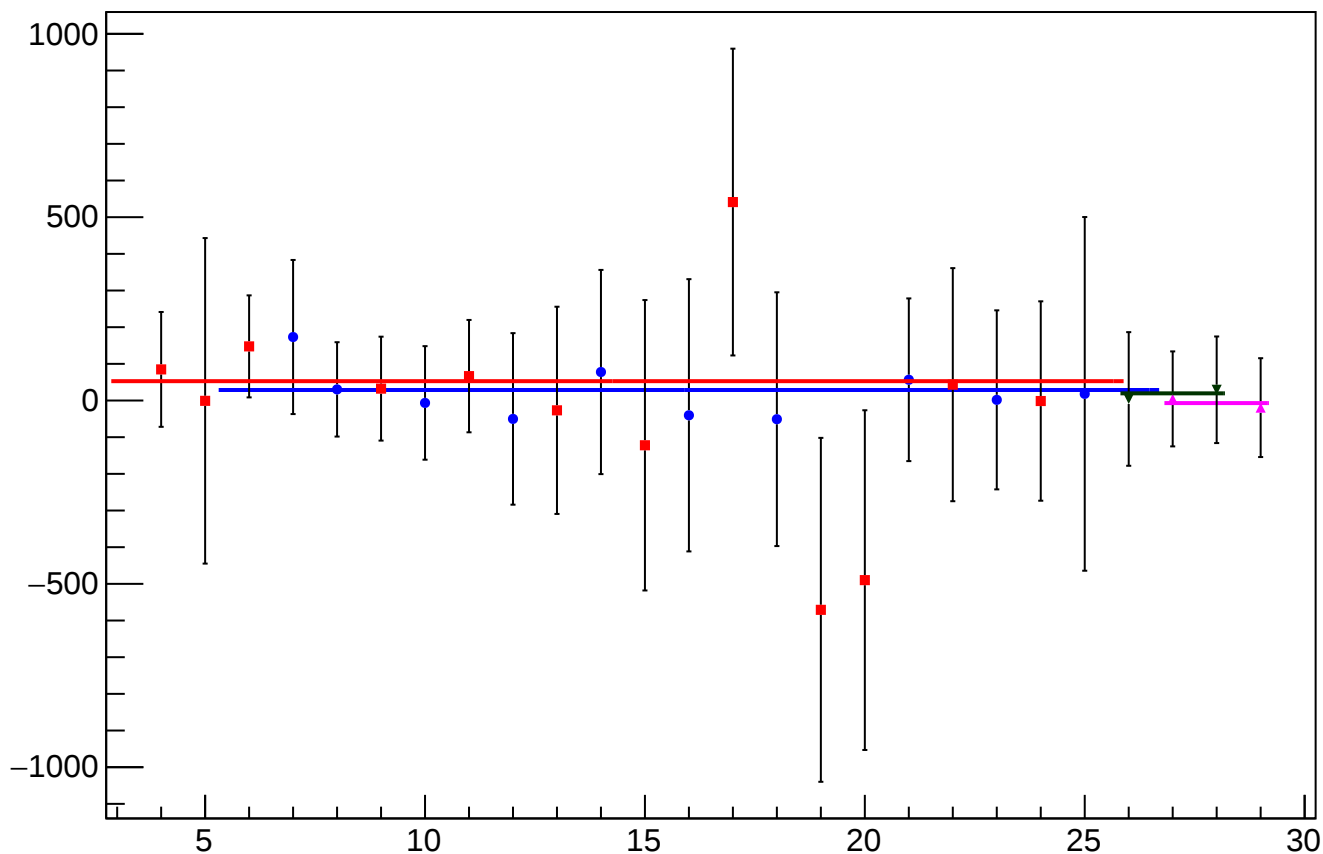
Right Out: 27.683 $\pm$ 0.010 χ^2 /NDF: 4553149.3/11

Left In: 26.890 $\pm$ 0.015 χ^2 /NDF:86.9/1

28.184 $\pm$ 0.008 χ^2 /NDF: 3938722.1/11

27.442 $\pm$ 0.008 χ^2 /NDF: 4555294.7/13

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: 19.566+/-113.636 χ^2/NDF : 0.0/1

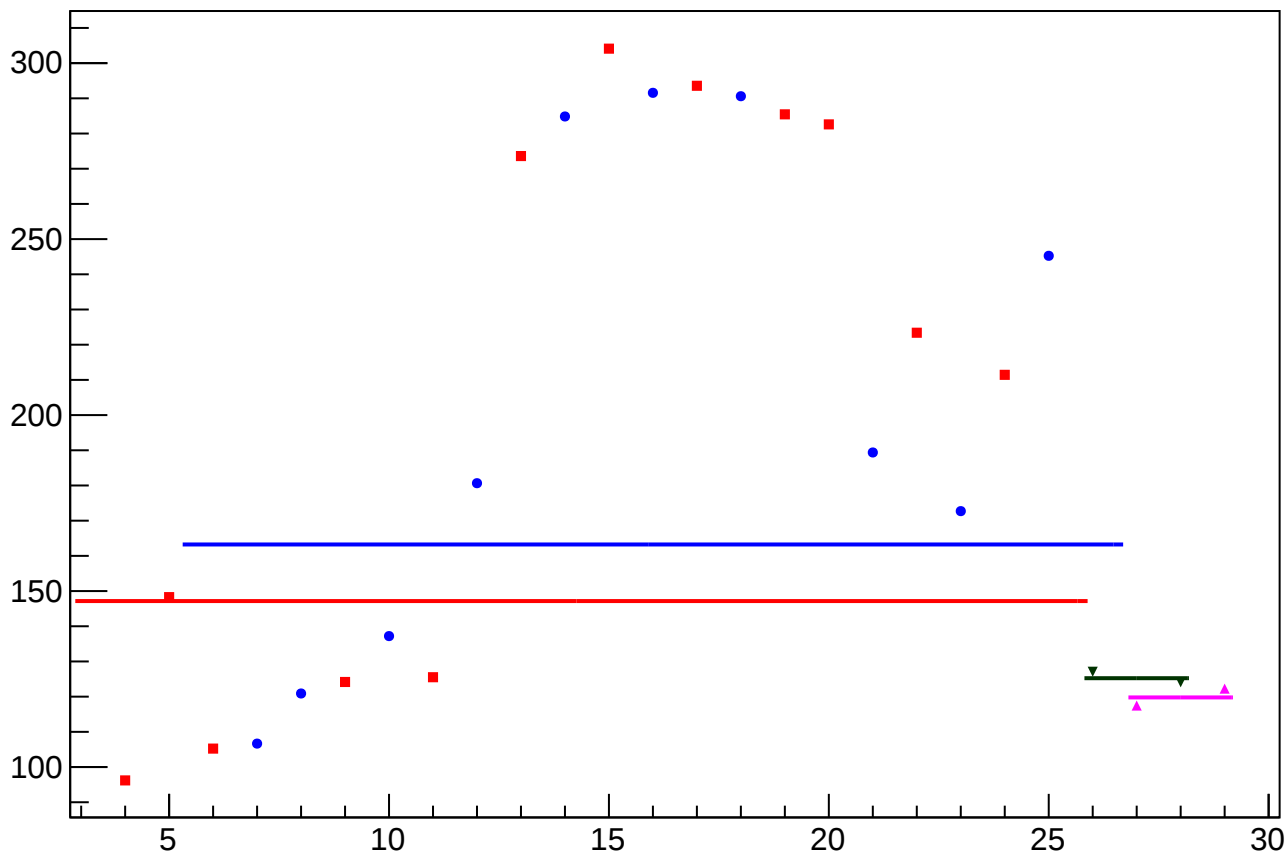
Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

Left In: -6.991+/-93.397 χ^2/NDF : 0.0/1

26.262+/-58.685 χ^2/NDF : 0.8/11

33.843+/-52.573 χ^2/NDF : 5.7/13

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: 125.243+/-0.080 χ^2/NDF :331.4/1

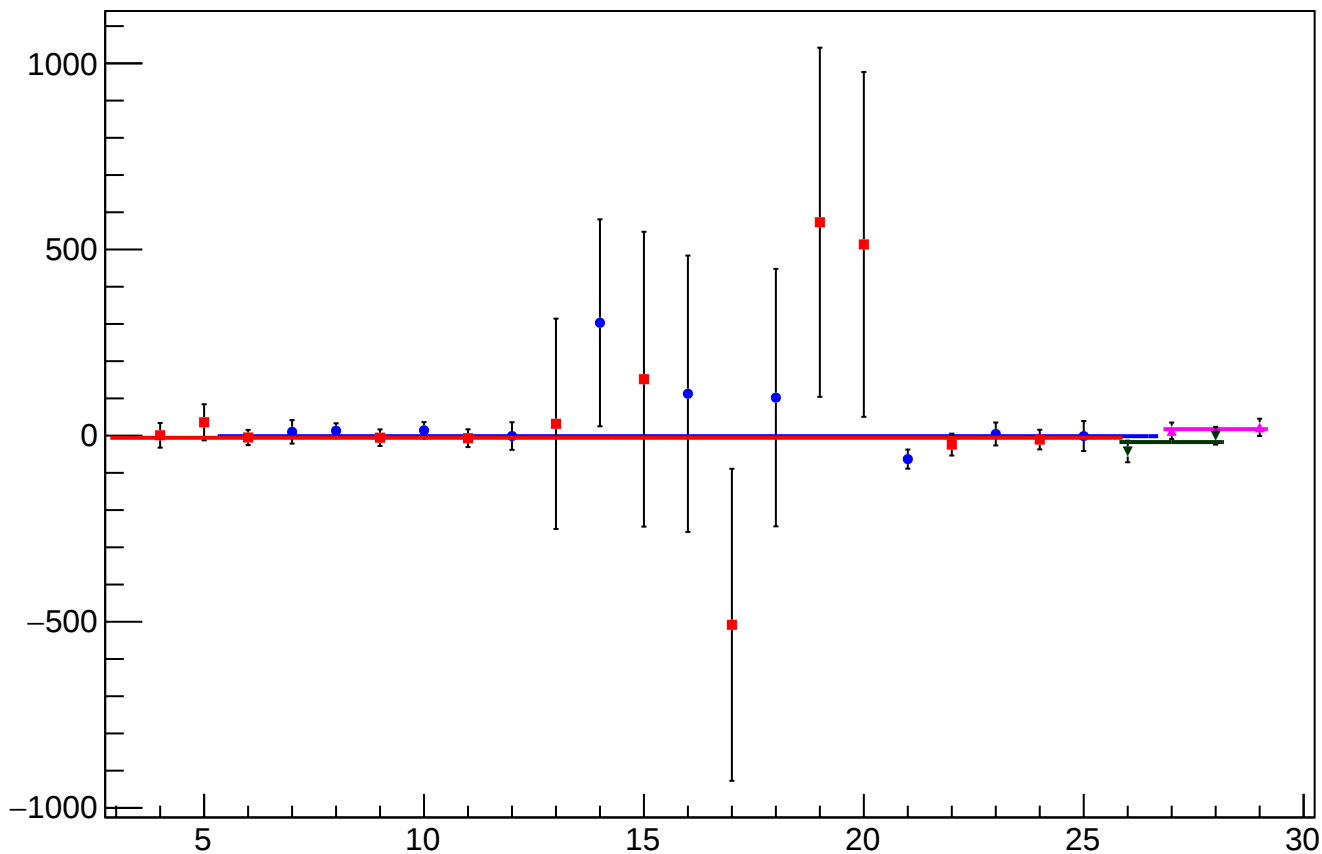
153.105+/-0.041 χ^2/NDF : 1573447.6/11

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

138.484+/-0.037 χ^2/NDF : 2135978.9/13

Left In: 119.779+/-0.066 χ^2/NDF :1322.9/1

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.518 ± 10.249 $\chi^2/\text{NDF}: 8.4/9$

Left Out: -17.310 ± 18.399 $\chi^2/\text{NDF}: 1.3/1$

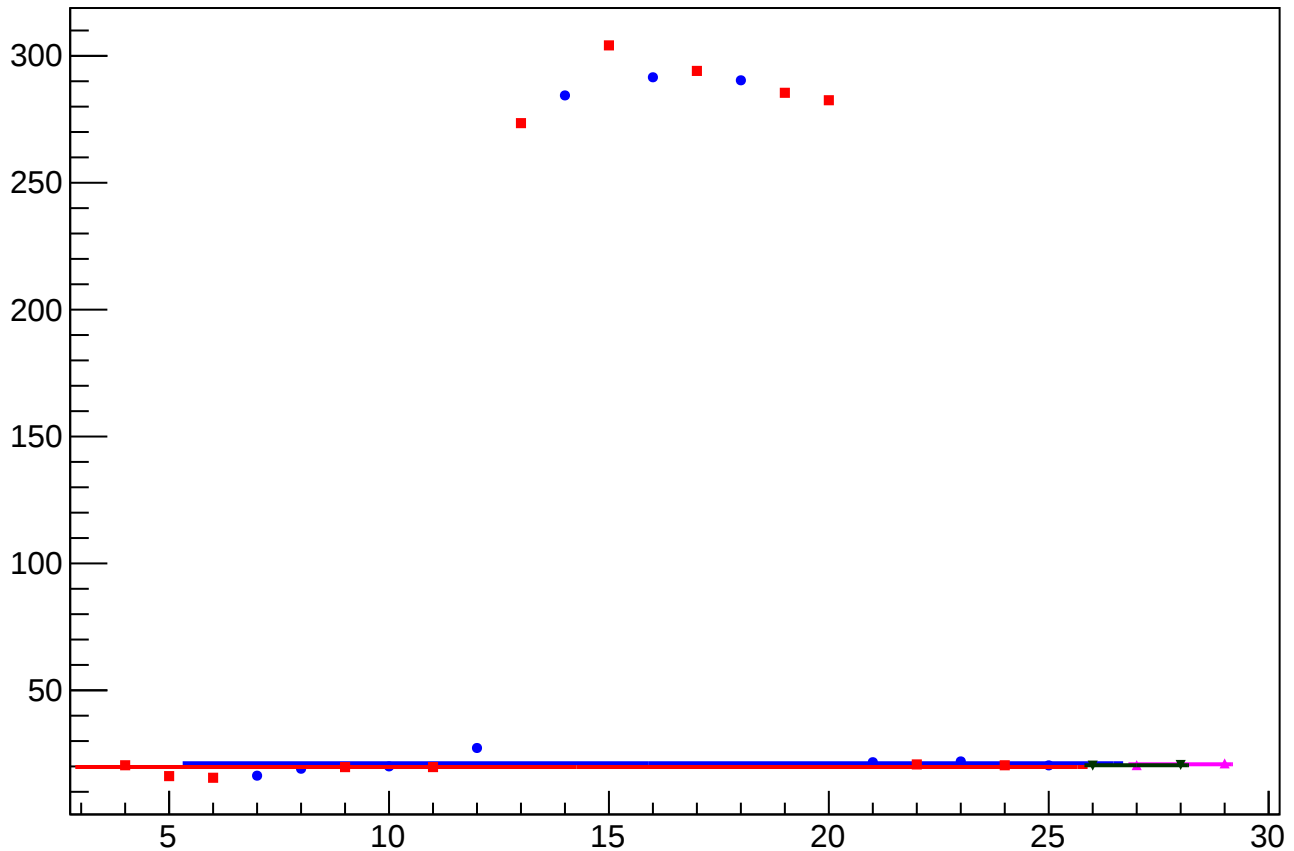
Right Out: -5.806 ± 9.942 $\chi^2/\text{NDF}: 5.6/11$

Left In: 17.399 ± 16.030 $\chi^2/\text{NDF}: 0.1/1$

-5.258 ± 8.953 $\chi^2/\text{NDF}: 10.2/11$

0.641 ± 8.449 $\chi^2/\text{NDF}: 7.2/13$

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: 20.471+/-0.013 χ^2/NDF :94.8/1

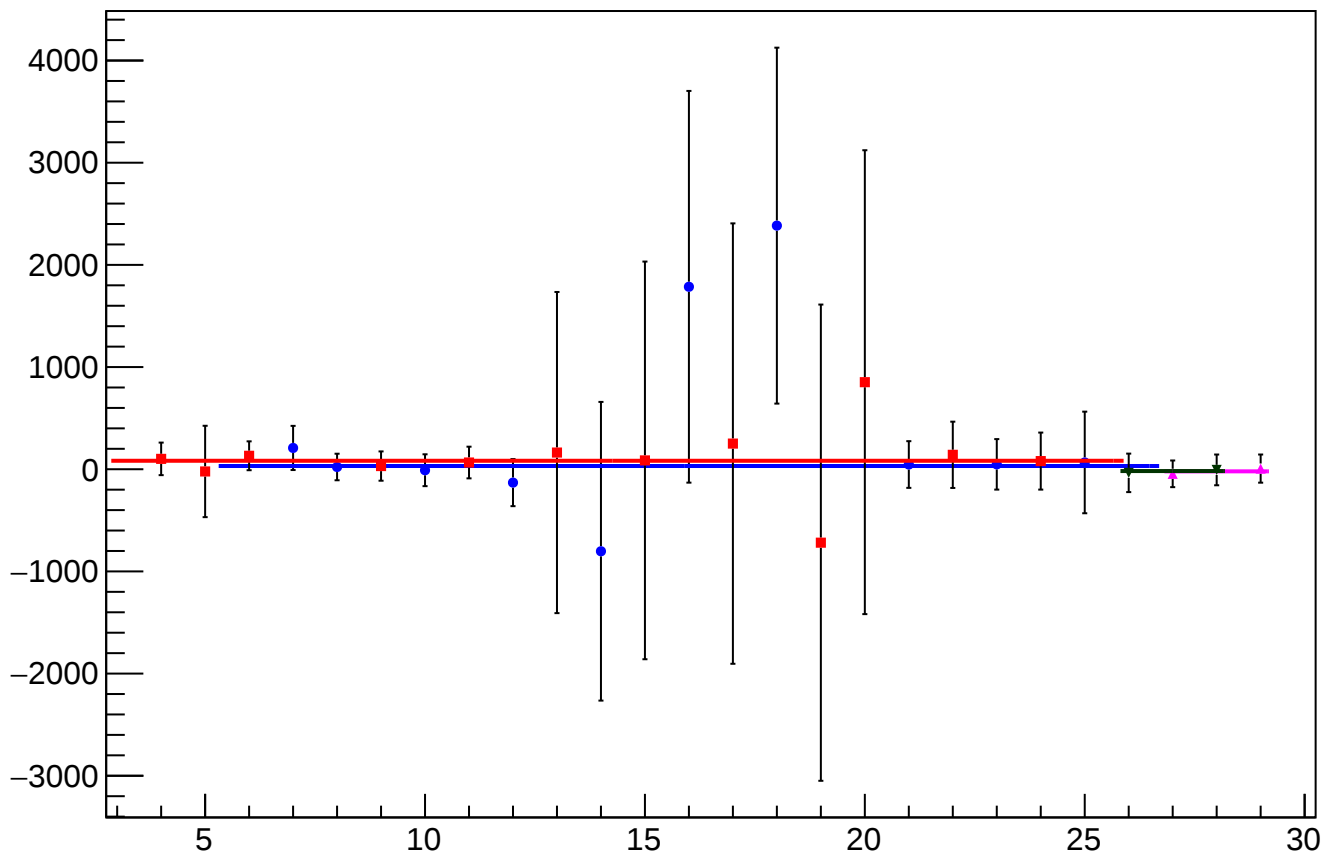
21.069+/-0.006 χ^2/NDF : 4199552.8/11

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

20.076+/-0.006 χ^2/NDF : 4895712.7/13

Left In: 20.848+/-0.011 χ^2/NDF :944.5/1

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: -17.812+/-117.570 χ^2/NDF : 0.0/1

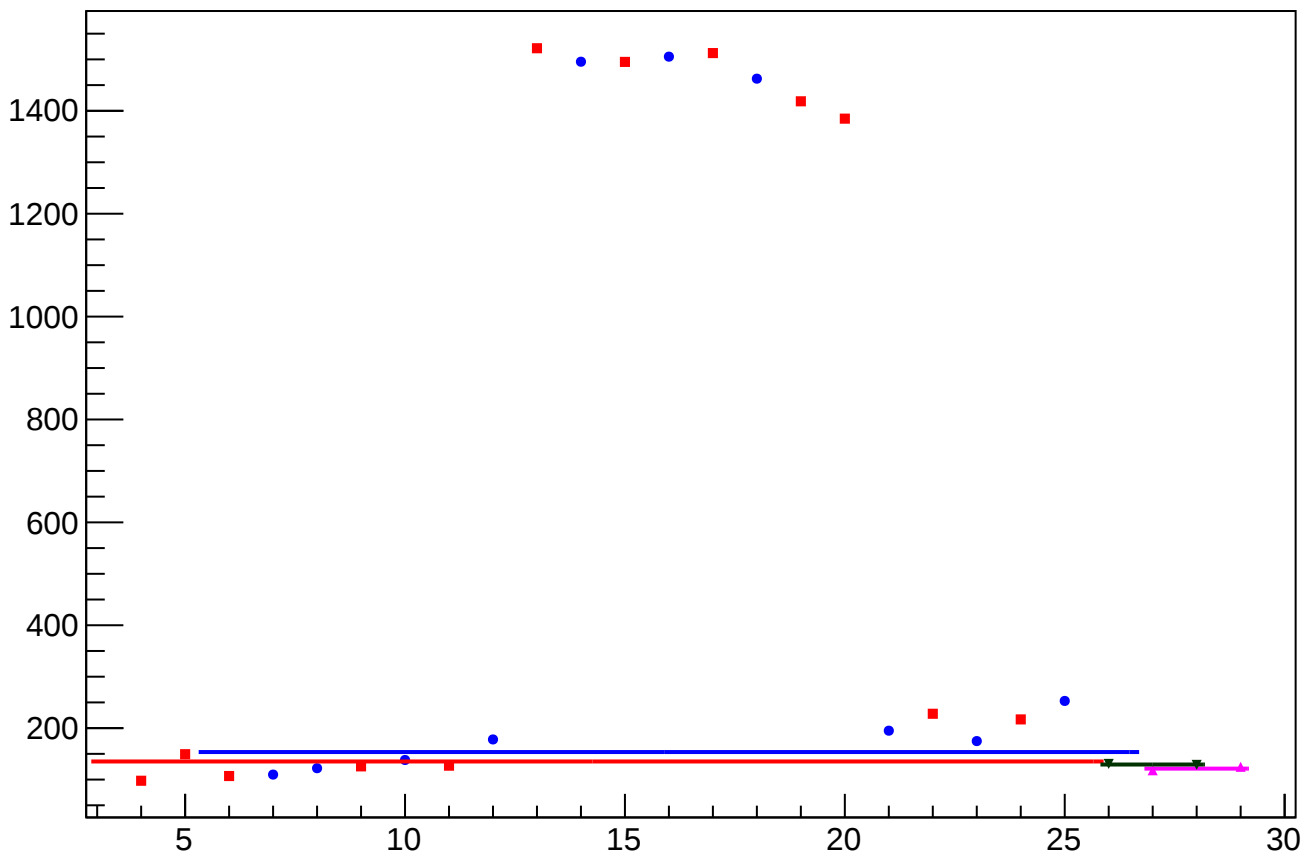
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -20.707+/-94.726 χ^2/NDF : 0.1/1

17.497+/-62.786 χ^2/NDF : 4.4/11

46.799+/-55.915 χ^2/NDF : 1.5/13

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: 129.272+/-0.083 χ^2/NDF :120.1/1

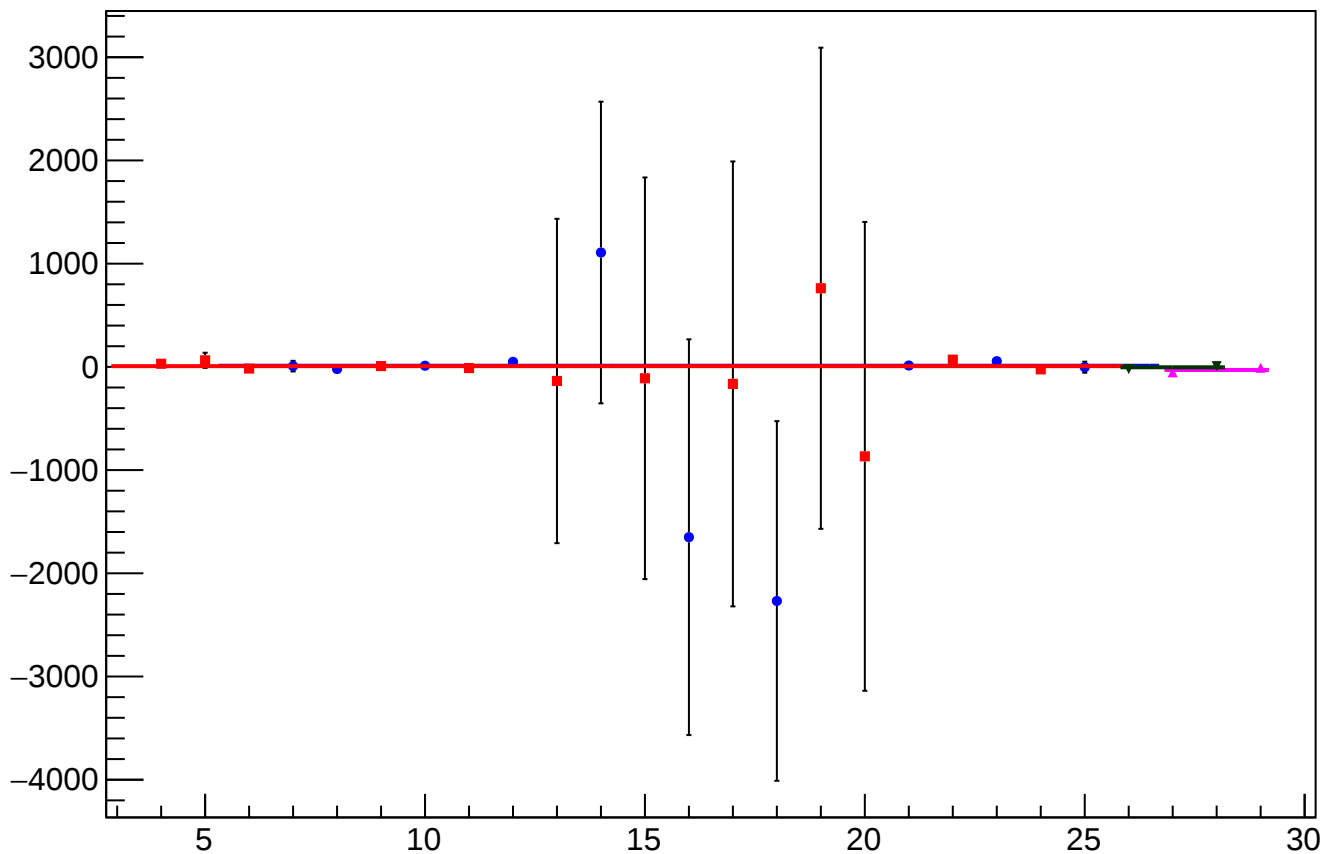
146.606+/-0.044 χ^2/NDF : 4273296.8/11

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

130.353+/-0.040 χ^2/NDF : 5135433.2/13

Left In: 121.302+/-0.067 χ^2/NDF :2534.7/1

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: -3.978+/-23.698 χ^2/NDF : 0.3/1

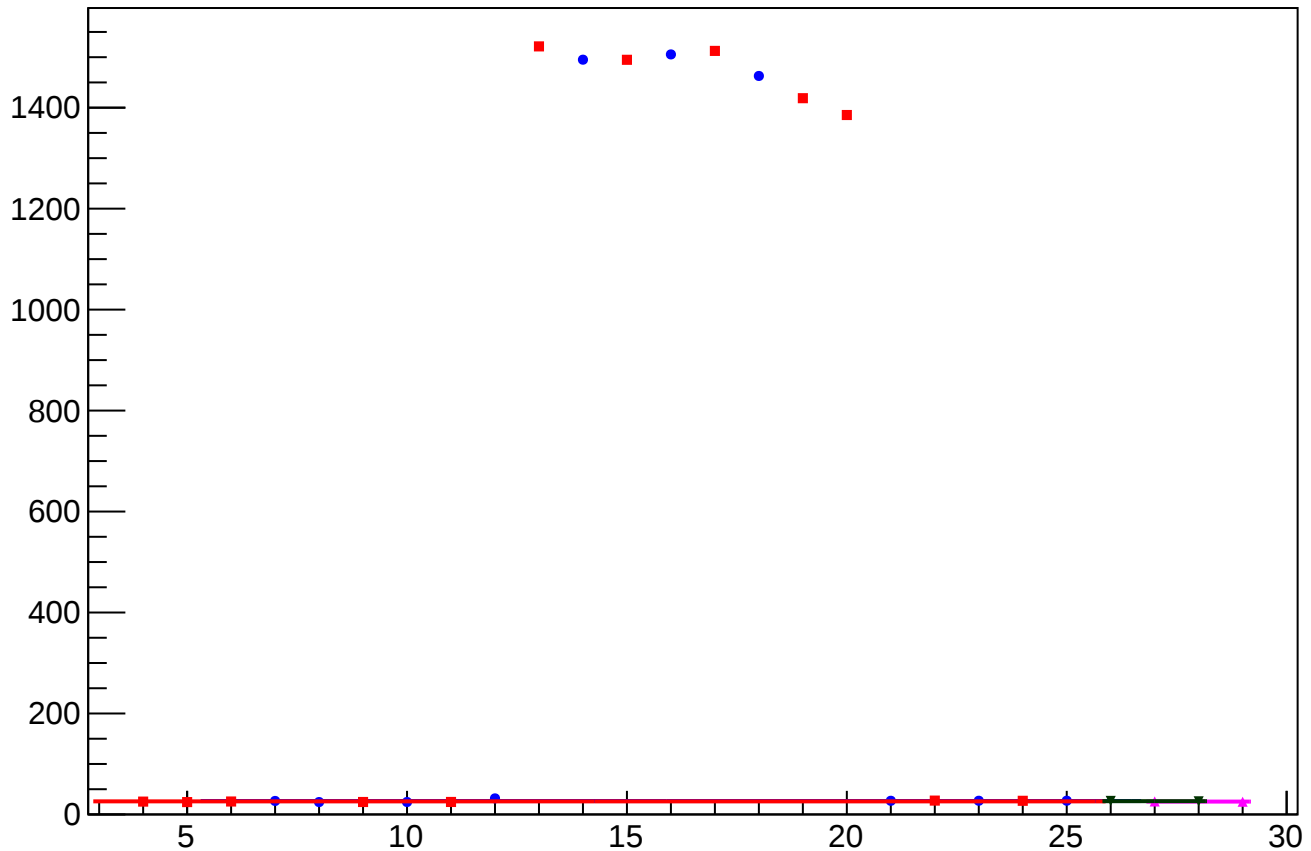
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -29.998+/-19.529 χ^2/NDF : 1.3/1

7.336+/-11.438 χ^2/NDF : 7.4/11

-4.892+/-11.054 χ^2/NDF : 9.2/13

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: 26.327+/-0.017 χ^2/NDF : 542.6/1

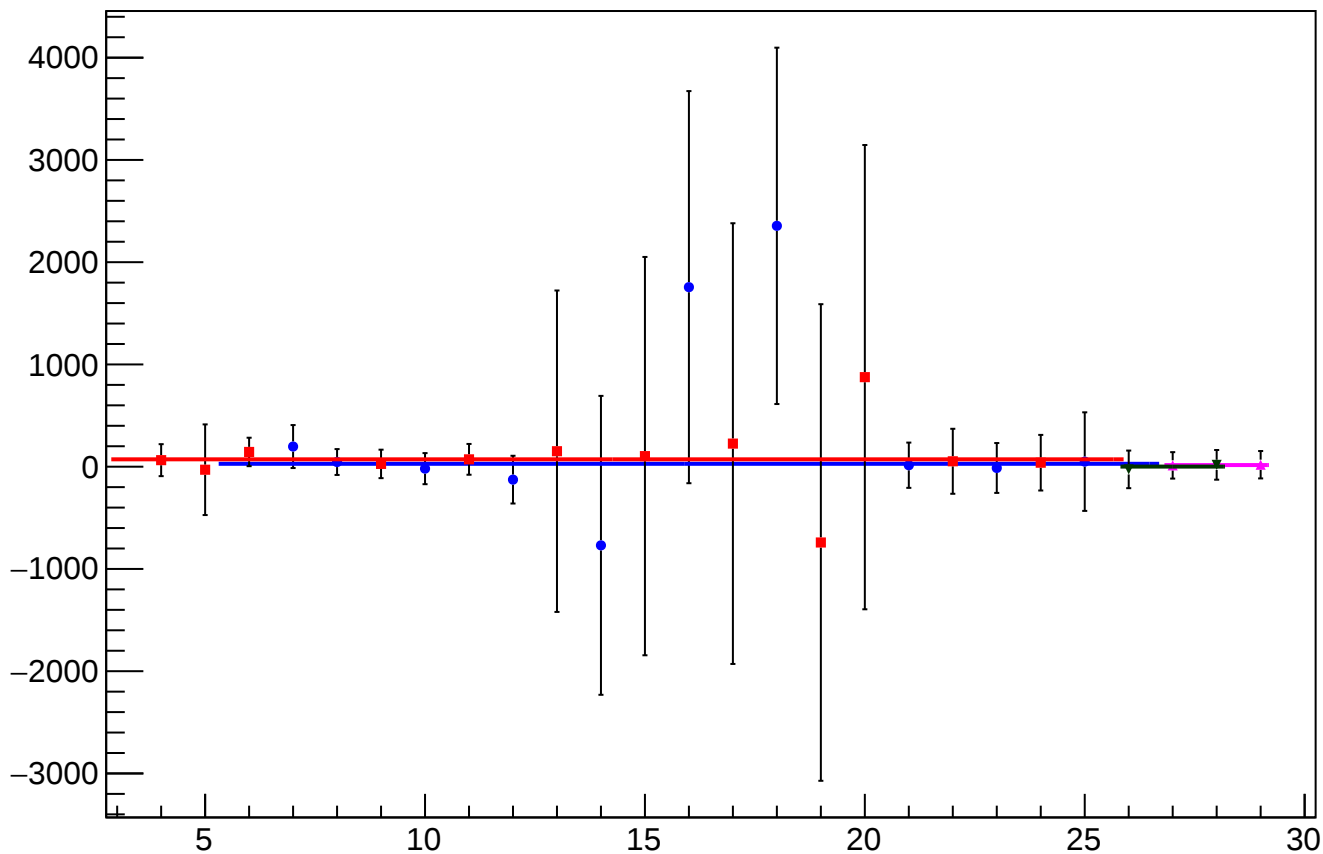
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 25.499+/-0.014 χ^2/NDF : 379.0/1

26.531+/-0.008 χ^2/NDF : 4624732.9/11

25.801+/-0.008 χ^2/NDF : 5348046.2/13

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: 1.011+/-113.926 χ^2/NDF : 0.0/1

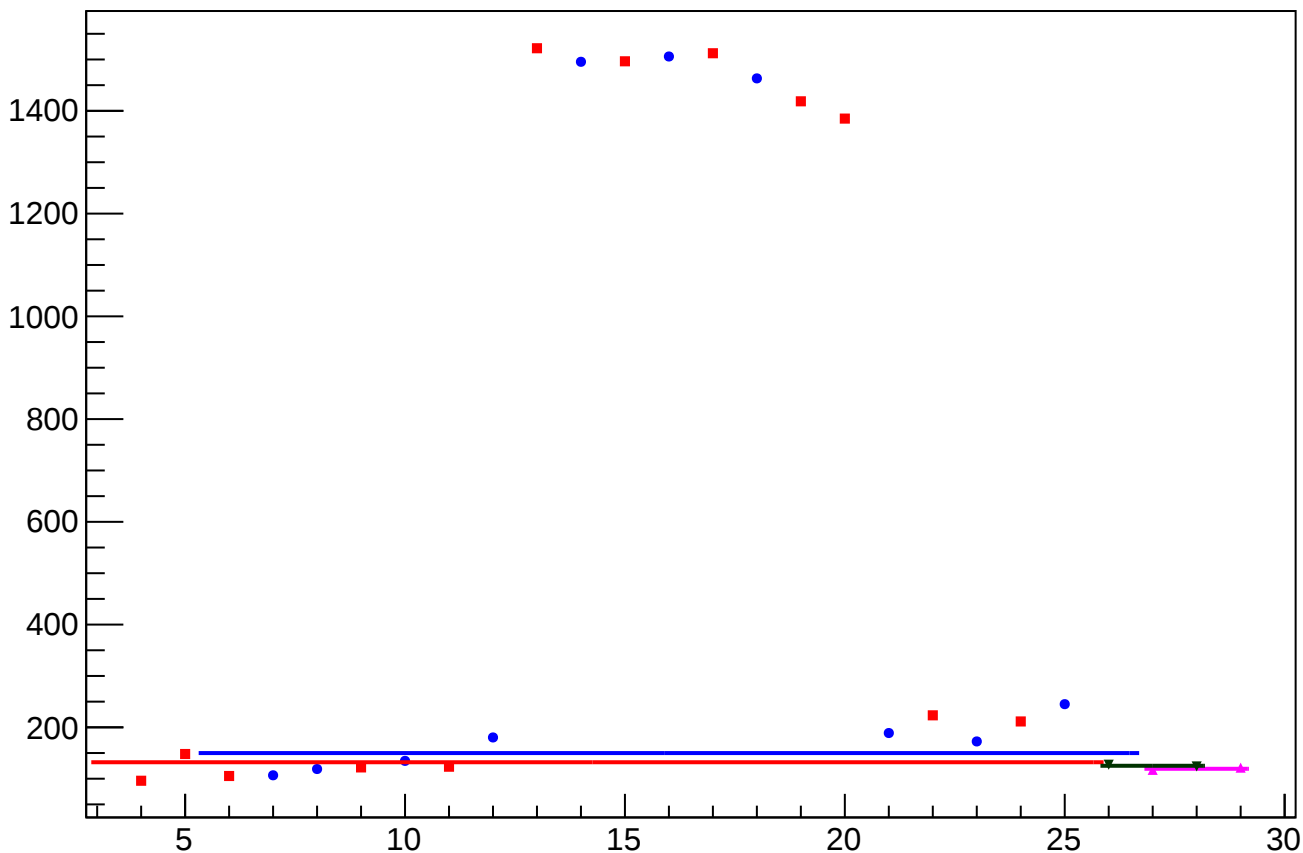
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: 15.943+/-93.038 χ^2/NDF : 0.0/1

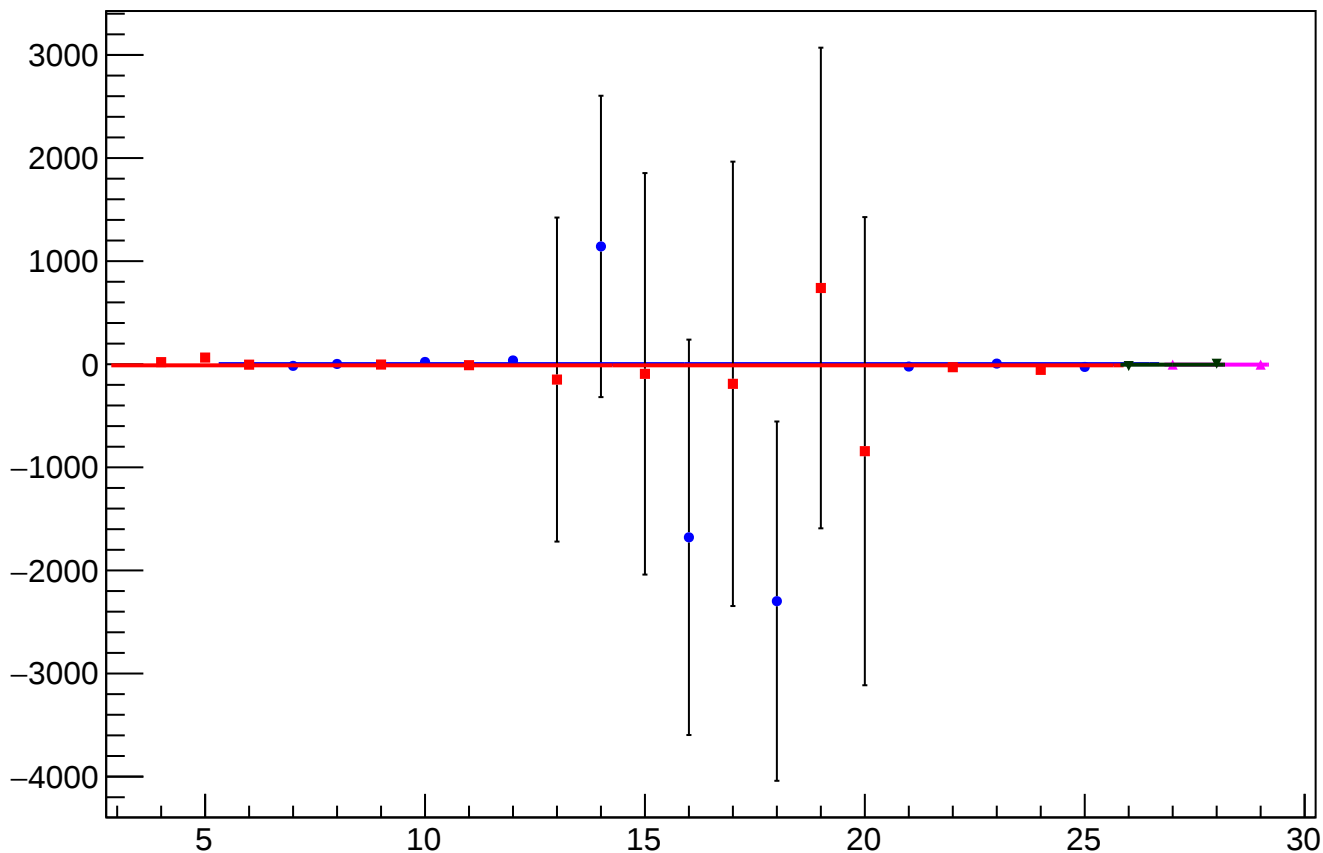
20.407+/-61.268 χ^2/NDF : 4.2/11

52.609+/-54.749 χ^2/NDF : 0.9/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



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

Left Out: -4.091+/-17.209 χ^2/NDF : 0.4/1

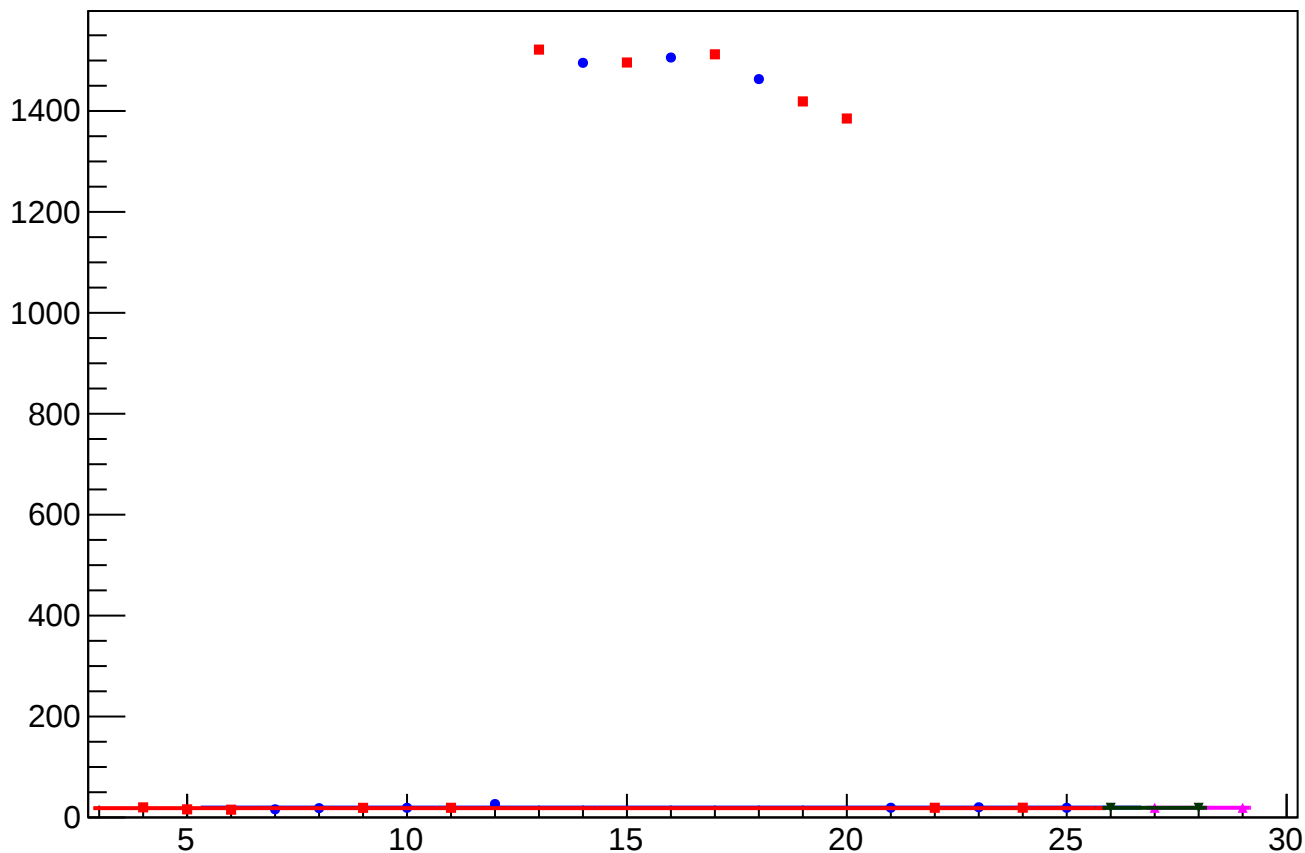
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

Left In: -3.724+/-14.701 χ^2/NDF : 0.0/1

0.098+/-8.438 χ^2/NDF : 7.6/11

-8.504+/-8.040 χ^2/NDF : 7.6/13

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: 19.117+/-0.012 χ^2/NDF : 2.7/1

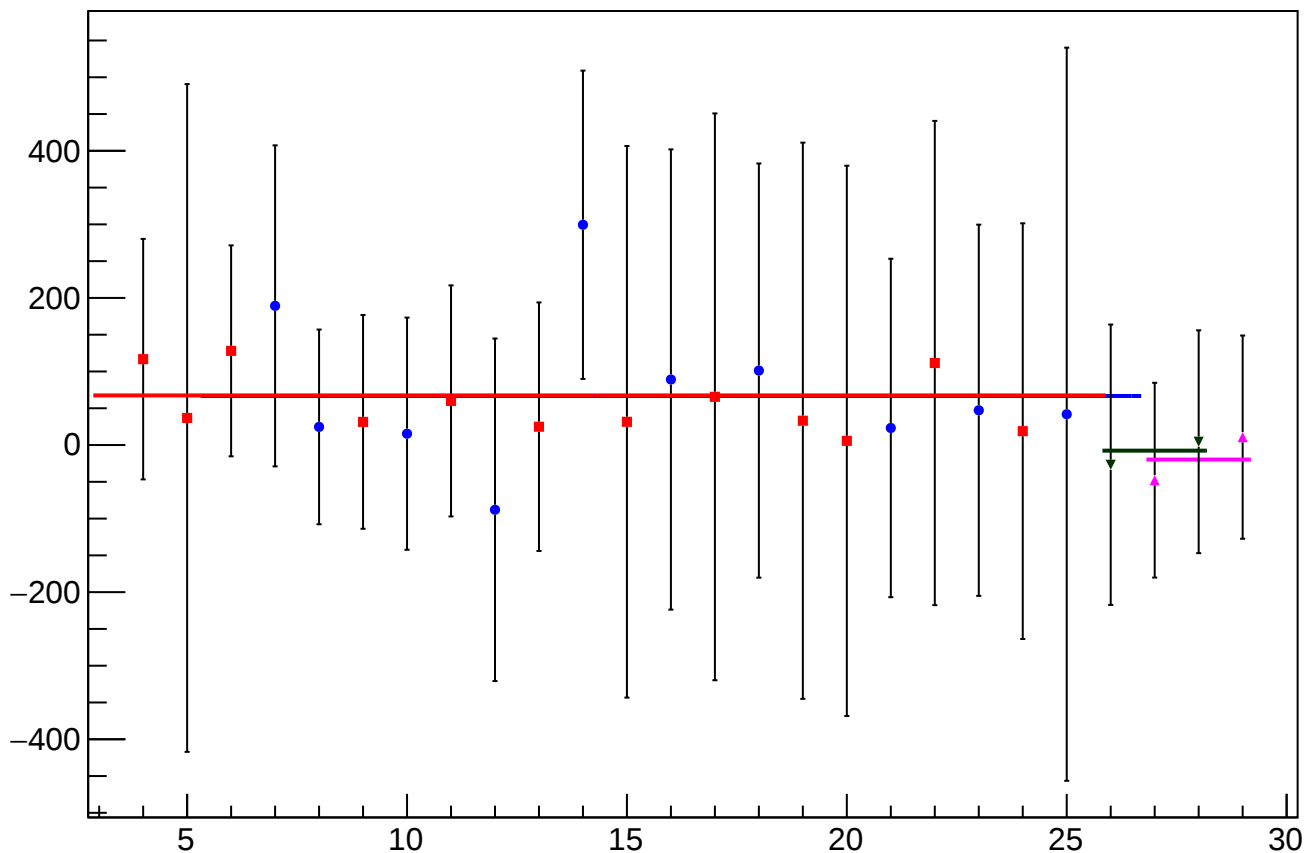
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 19.201+/-0.010 χ^2/NDF : 20.3/1

19.429+/-0.006 χ^2/NDF : 4722990.1/11

18.668+/-0.006 χ^2/NDF : 5452863.5/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



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

Left Out: -7.625+/-118.589 χ^2/NDF : 0.0/1

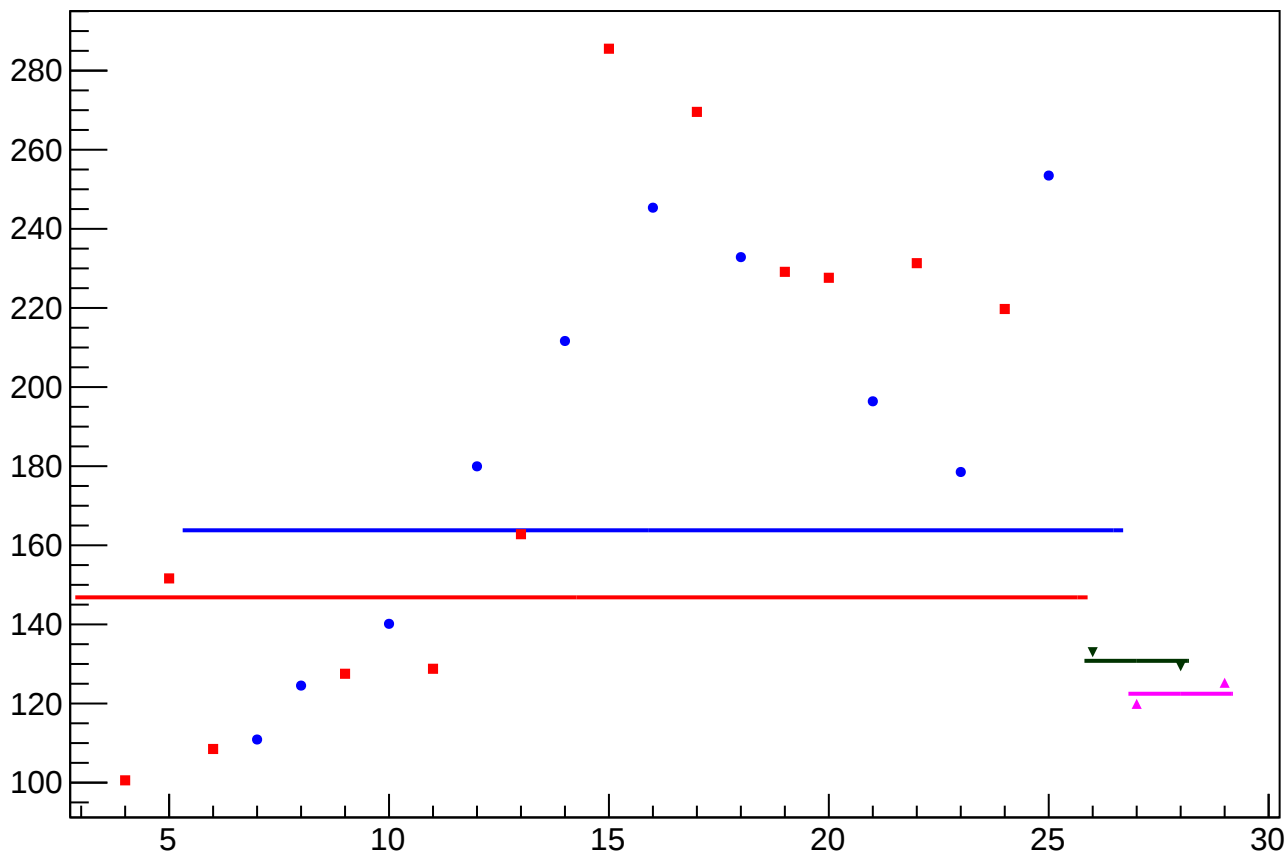
Right Out: 67.441+/-61.599 χ^2/NDF : 0.5/11

Left In: -19.748+/-95.595 χ^2/NDF : 0.1/1

48.595+/-58.519 χ^2/NDF : 2.6/11

41.861+/-51.780 χ^2/NDF : 1.2/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 130.792+/-0.084 χ^2/NDF : 427.3/1

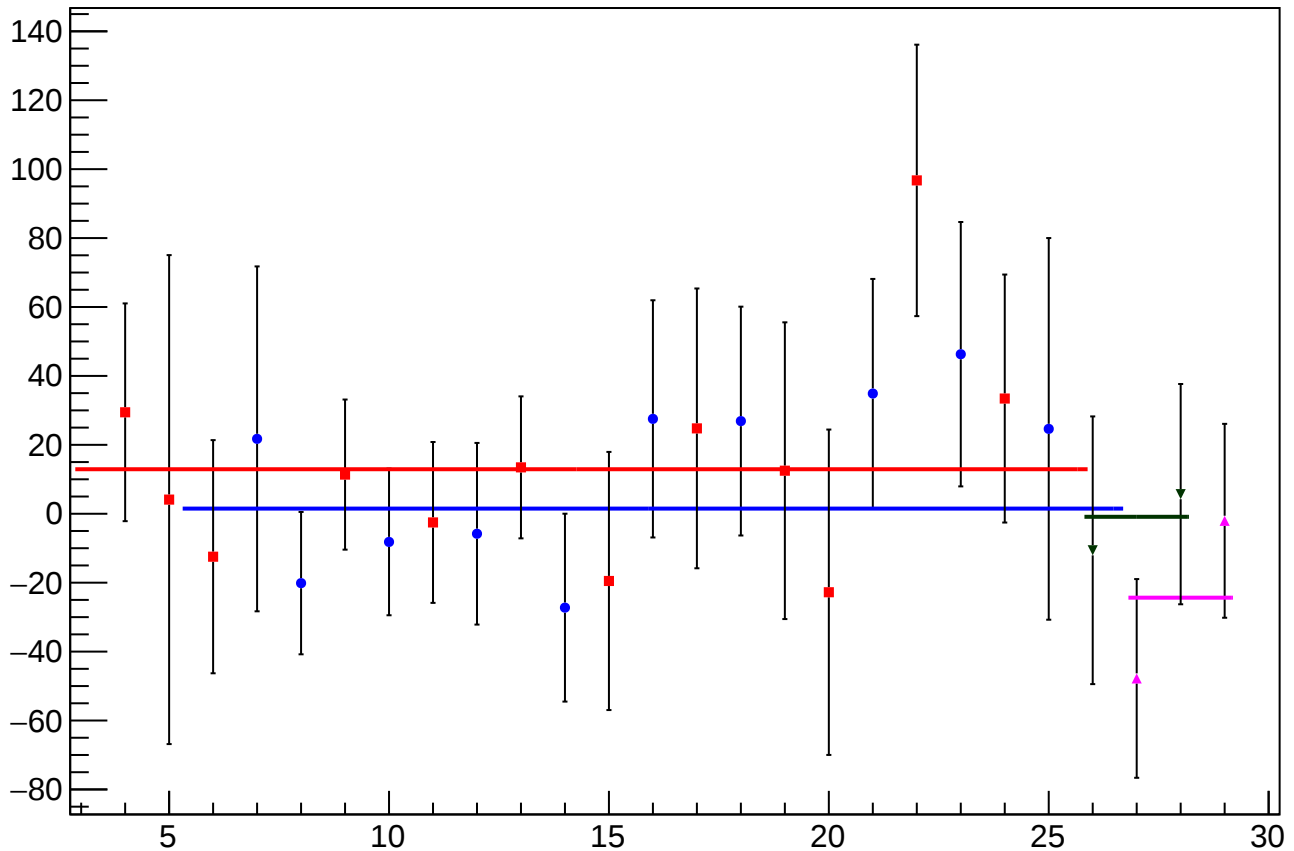
155.757+/-0.041 χ^2/NDF : 937884.1/11

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

139.691+/-0.037 χ^2/NDF : 1405752.1/13

Left In: 122.471+/-0.068 χ^2/NDF : 1553.1/1

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: -0.882 ± 24.680 χ^2/NDF : 0.1/1

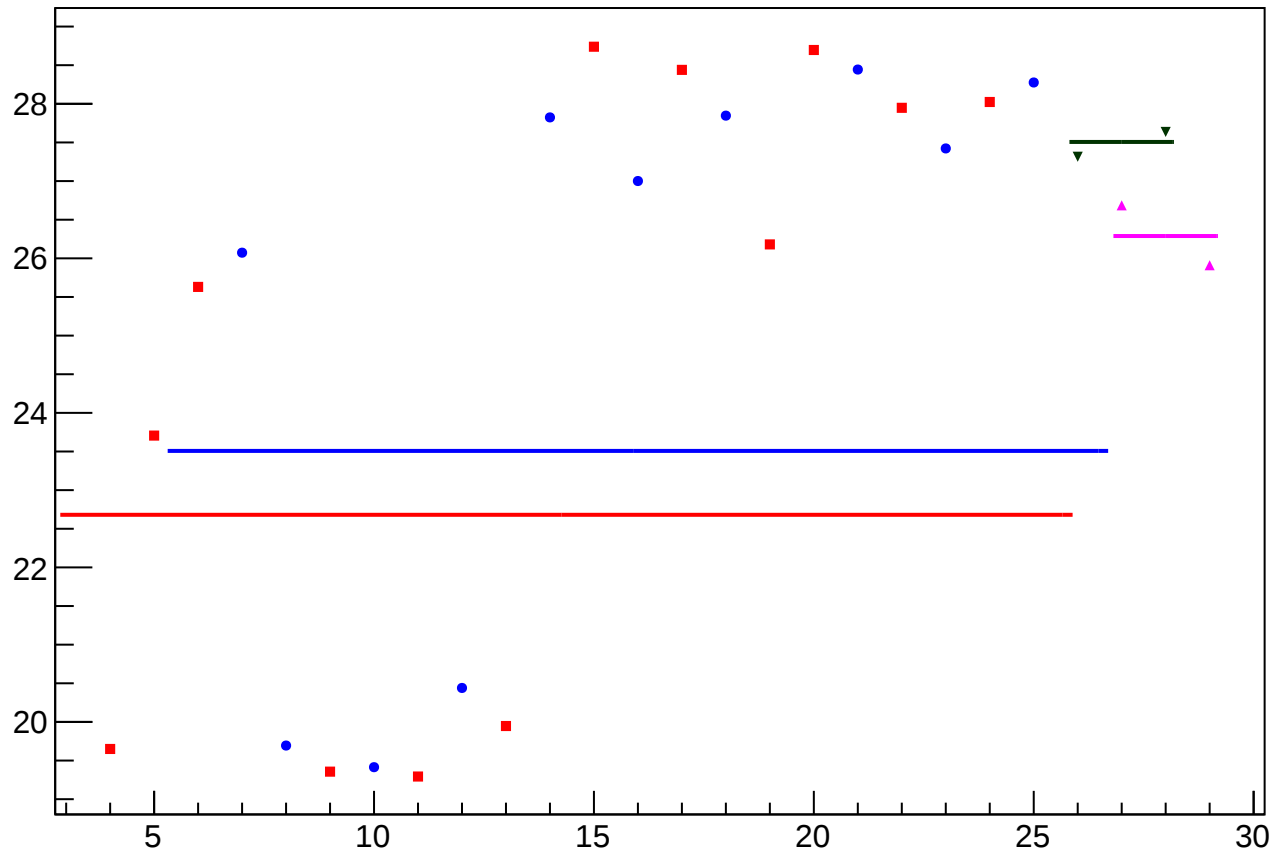
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: -24.353 ± 20.136 χ^2/NDF : 1.3/1

1.199 ± 8.757 χ^2/NDF : 6.5/11

6.609 ± 8.286 χ^2/NDF : 11.7/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 27.507 $\pm$ 0.017 χ^2/NDF : 81.5/1

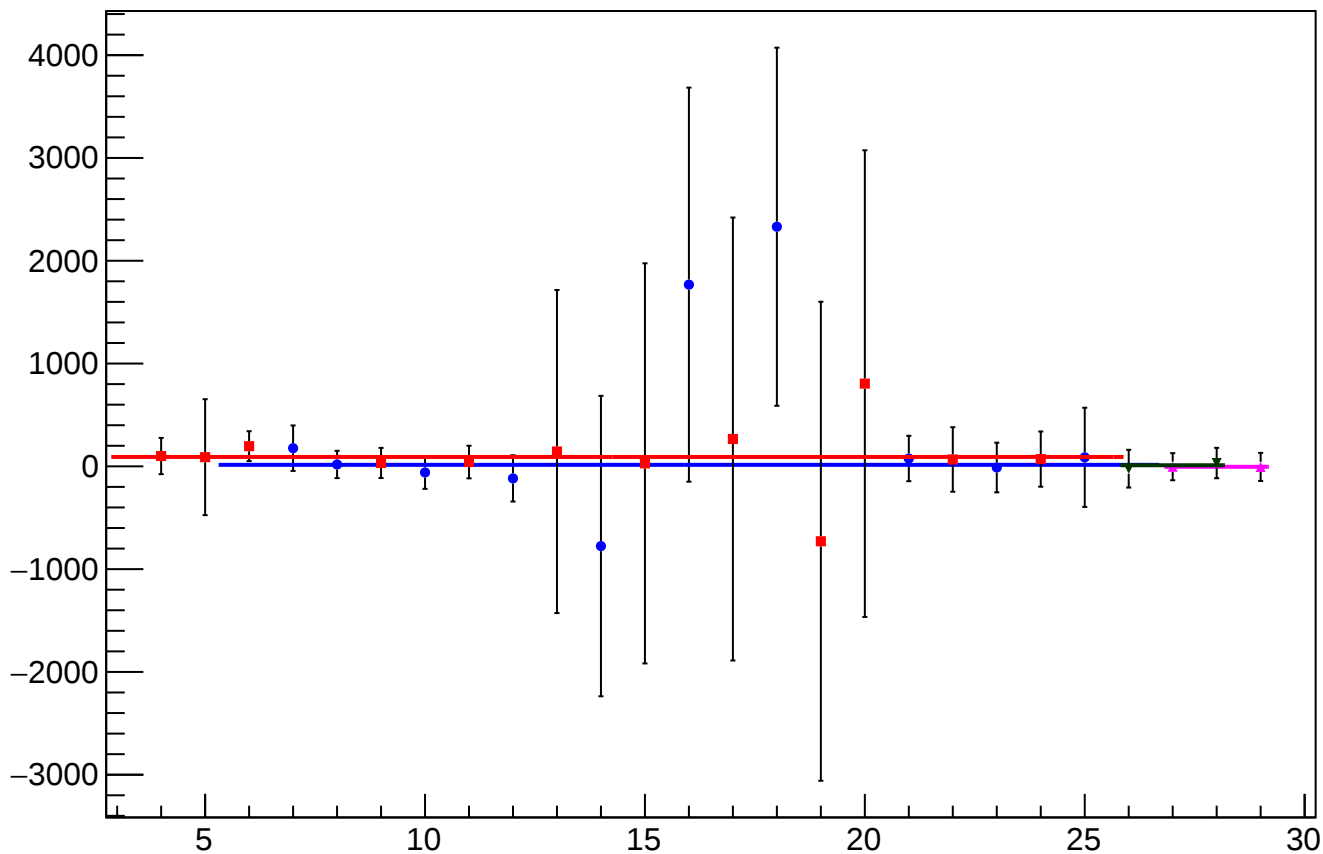
Right Out: 22.681 $\pm$ 0.006 χ^2/NDF : 376081.4/11

Left In: 26.289 $\pm$ 0.014 χ^2/NDF : 740.7/1

24.011 $\pm$ 0.006 χ^2/NDF : 405144.6/11

23.292 $\pm$ 0.006 χ^2/NDF : 430163.0/13

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: 10.691+/-115.143 χ^2/NDF : 0.1/1

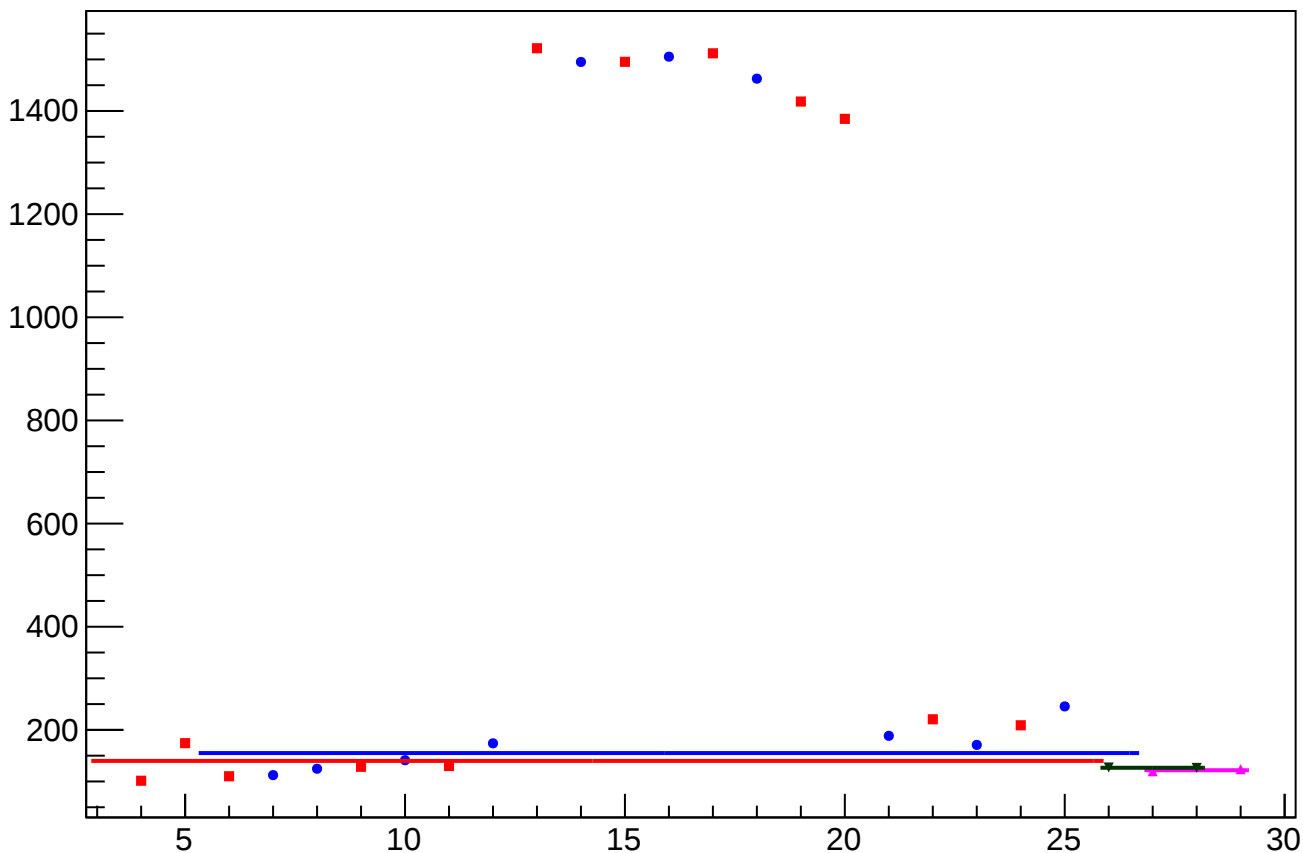
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: -4.525+/-94.858 χ^2/NDF : 0.0/1

13.487+/-62.650 χ^2/NDF : 4.2/11

56.567+/-57.226 χ^2/NDF : 1.7/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 126.538+/-0.081 χ^2/NDF : 26.7/1

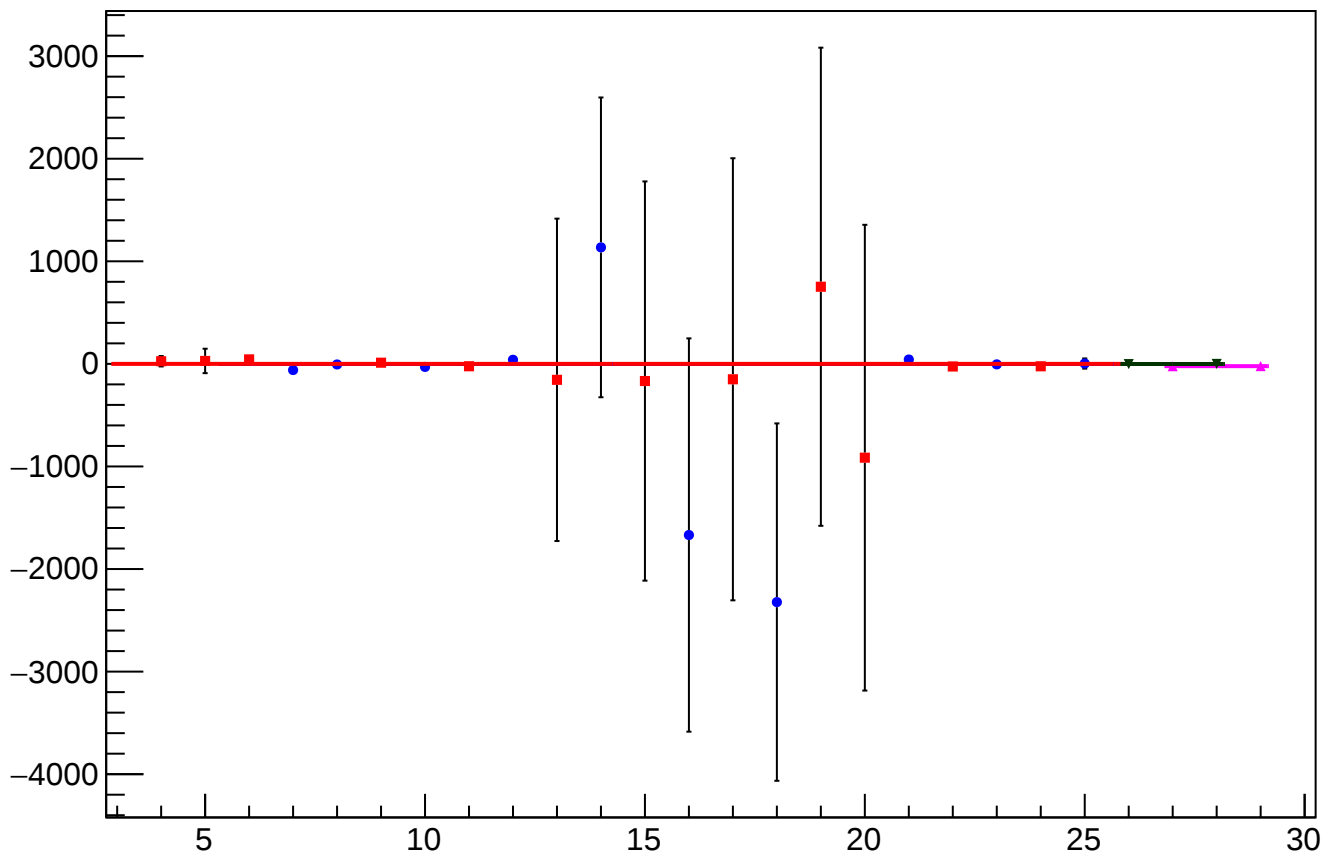
146.609+/-0.044 χ^2/NDF : 4220813.8/11

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

133.281+/-0.040 χ^2/NDF : 5049001.9/13

Left In: 121.766+/-0.067 χ^2/NDF : 920.8/1

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



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

Left Out: -1.255+/-23.682 χ^2/NDF : 0.0/1

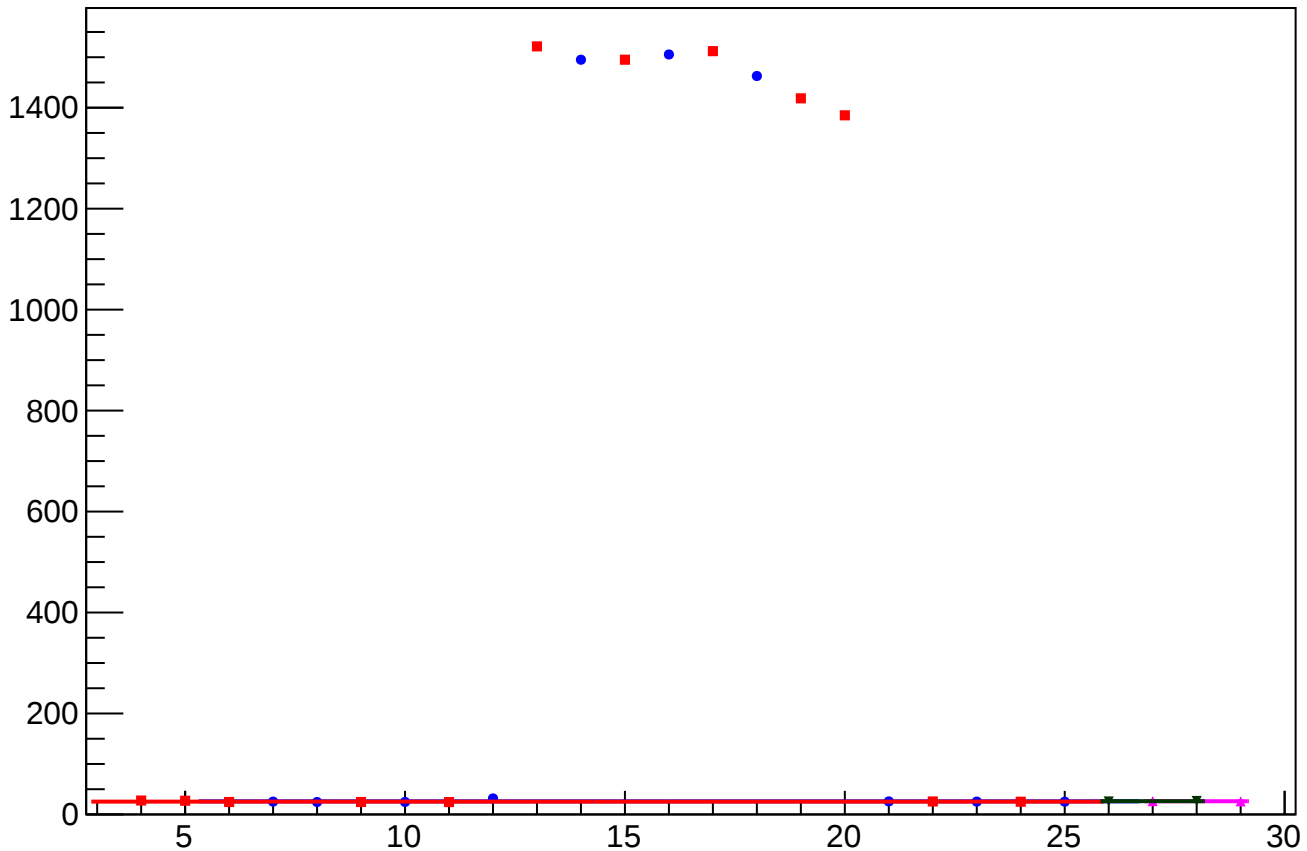
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -22.272+/-20.059 χ^2/NDF : 0.0/1

-1.254+/-11.237 χ^2/NDF : 8.8/11

-6.921+/-11.150 χ^2/NDF : 5.1/13

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: 26.303+/-0.017 χ^2/NDF : 799.1/1

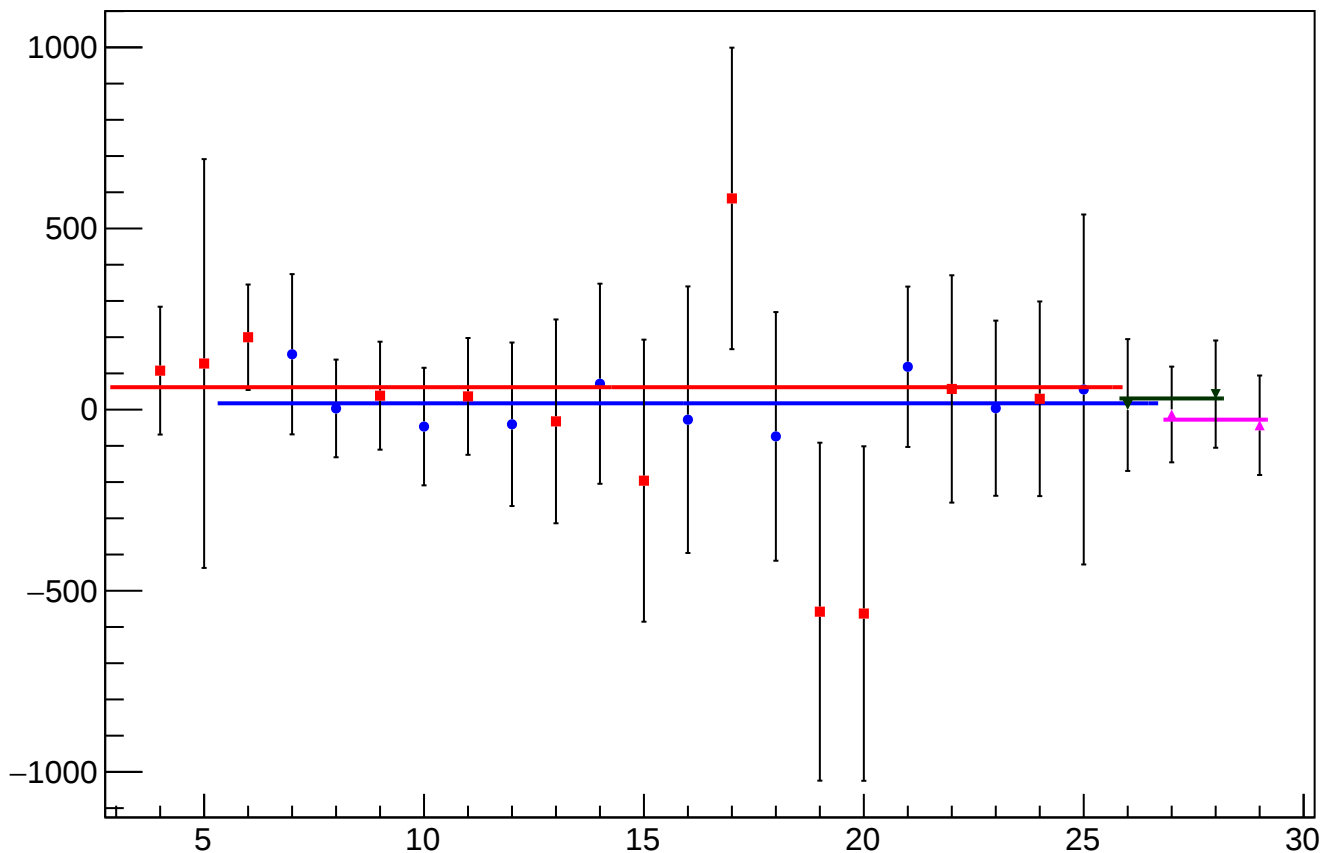
Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

Left In: 26.201+/-0.014 χ^2/NDF : 242.0/1

26.067+/-0.008 χ^2/NDF : 4622154.9/11

25.669+/-0.008 χ^2/NDF : 5348540.8/13

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: 30.817+/-114.829 χ^2/NDF : 0.0/1

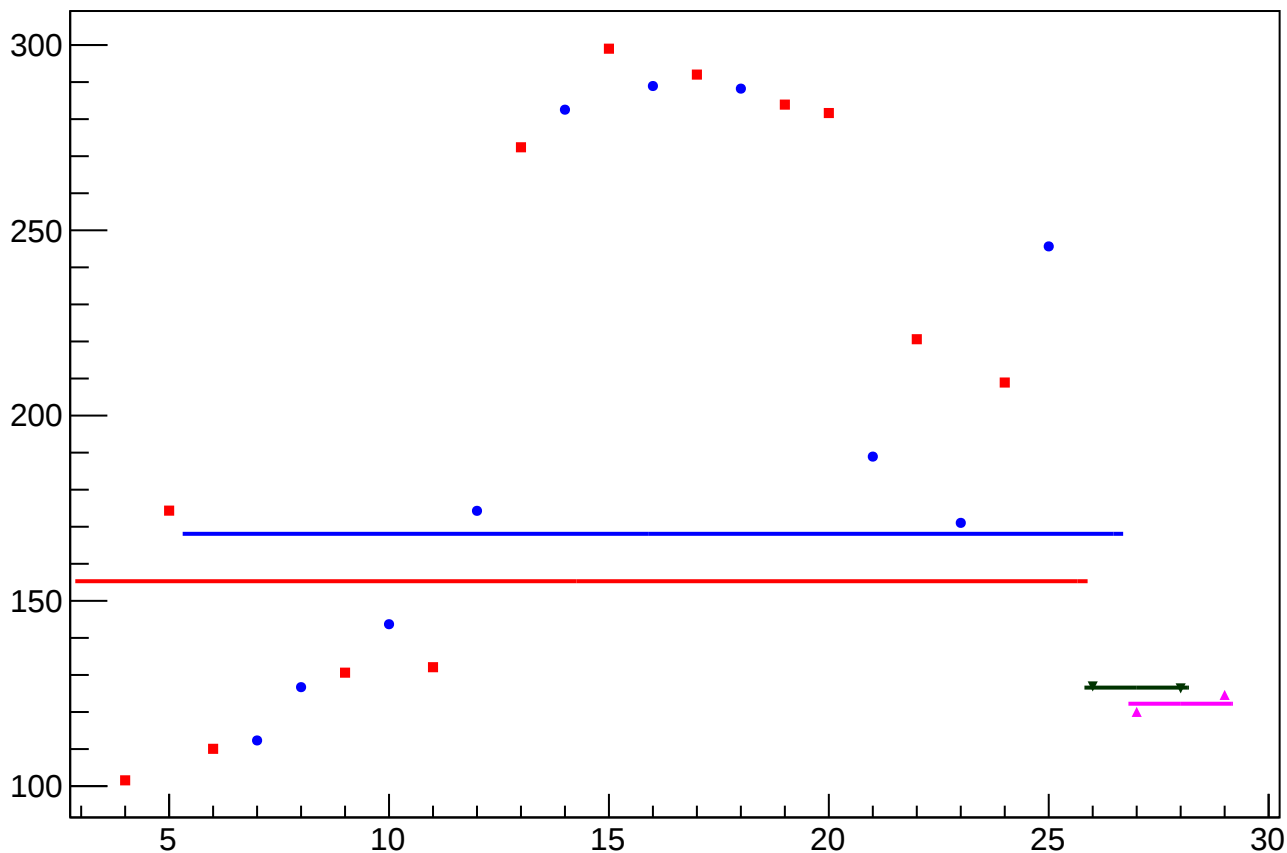
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -27.694+/-95.208 χ^2/NDF : 0.0/1

21.074+/-59.791 χ^2/NDF : 1.0/11

32.374+/-54.666 χ^2/NDF : 7.4/13

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: 126.587 $\pm$ 0.081 χ^2 /NDF:10.0/1

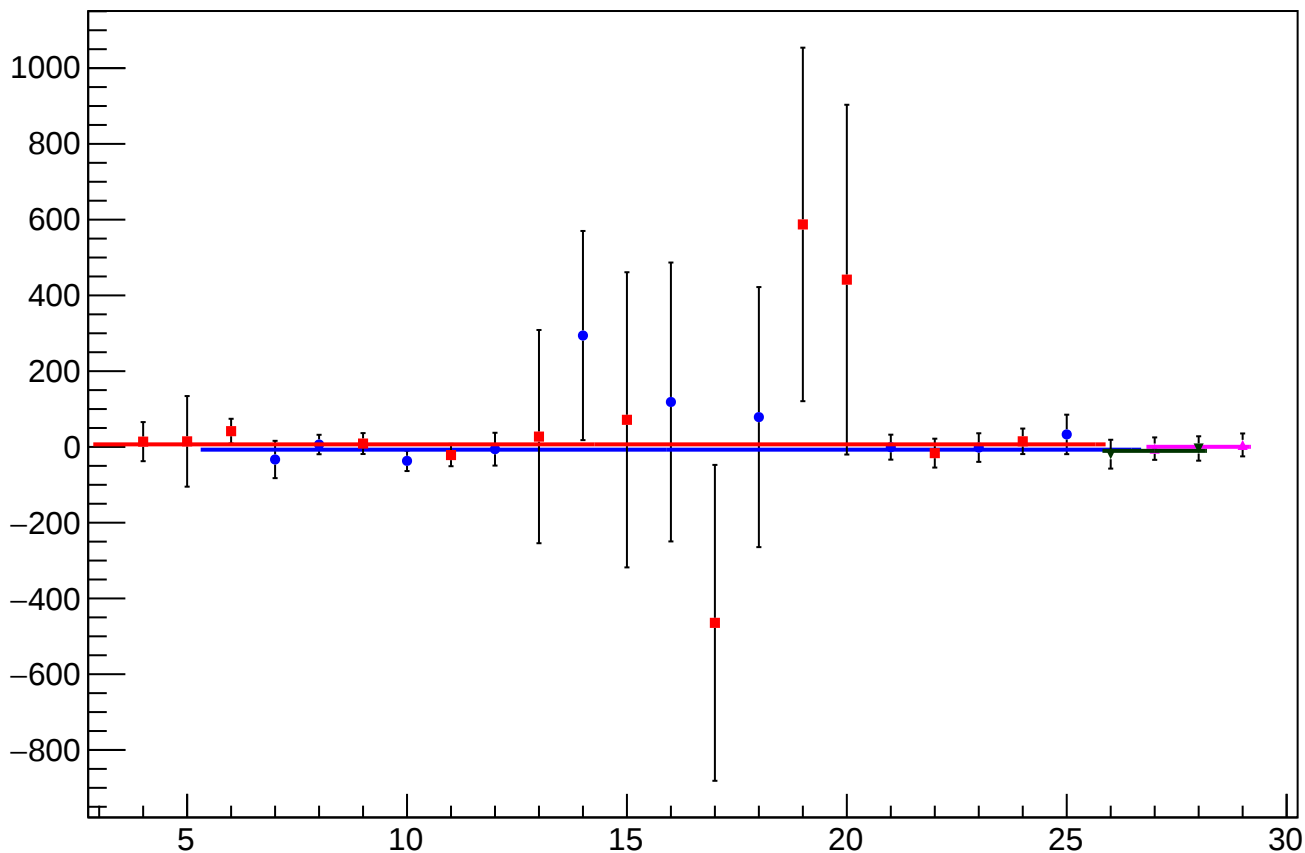
156.838 $\pm$ 0.042 χ^2 /NDF: 1426741.3/11

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

144.399 $\pm$ 0.039 χ^2 /NDF: 1943362.4/13

Left In: 122.237 $\pm$ 0.067 χ^2 /NDF:1156.0/1

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: -10.384+/-24.593 χ^2/NDF : 0.1/1

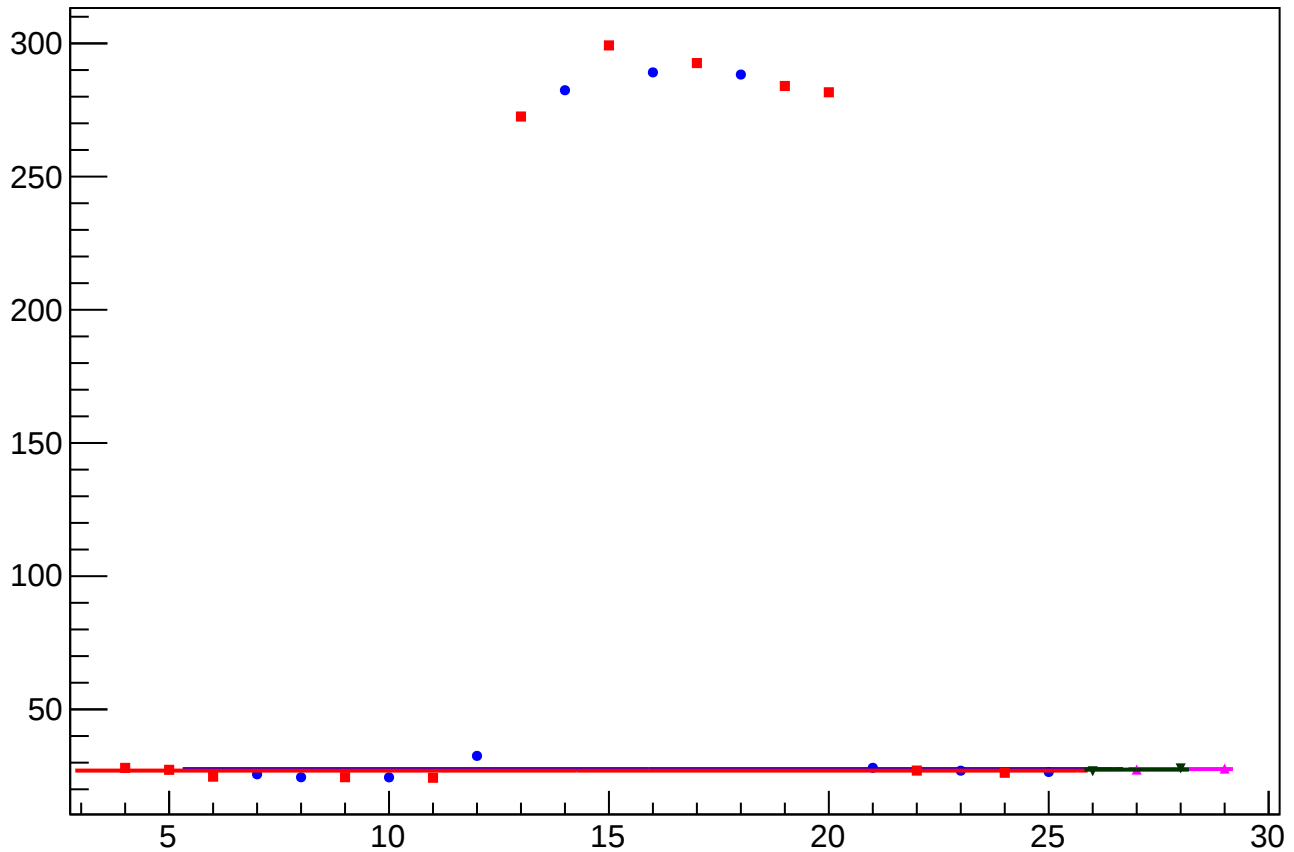
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 0.299+/-21.160 χ^2/NDF : 0.1/1

-7.929+/-11.527 χ^2/NDF : 3.9/11

4.885+/-11.408 χ^2/NDF : 6.4/13

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: 27.389+/-0.017 χ^2/NDF :942.2/1

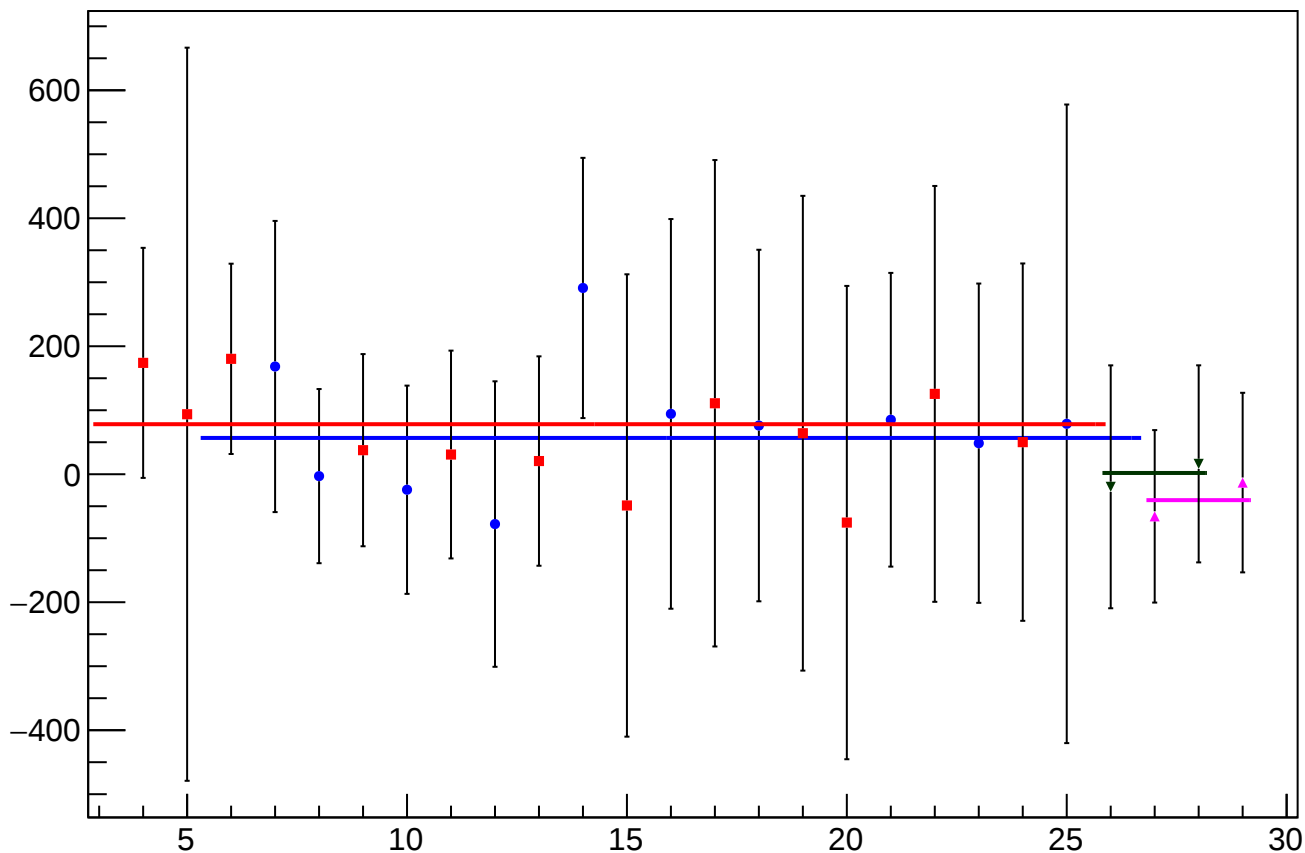
27.539+/-0.008 χ^2/NDF : 3954894.8/11

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

27.189+/-0.008 χ^2/NDF : 4570128.7/13

Left In: 27.594+/-0.015 χ^2/NDF :152.9/1

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



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

Left Out: 1.976+/-119.577 χ^2/NDF : 0.0/1

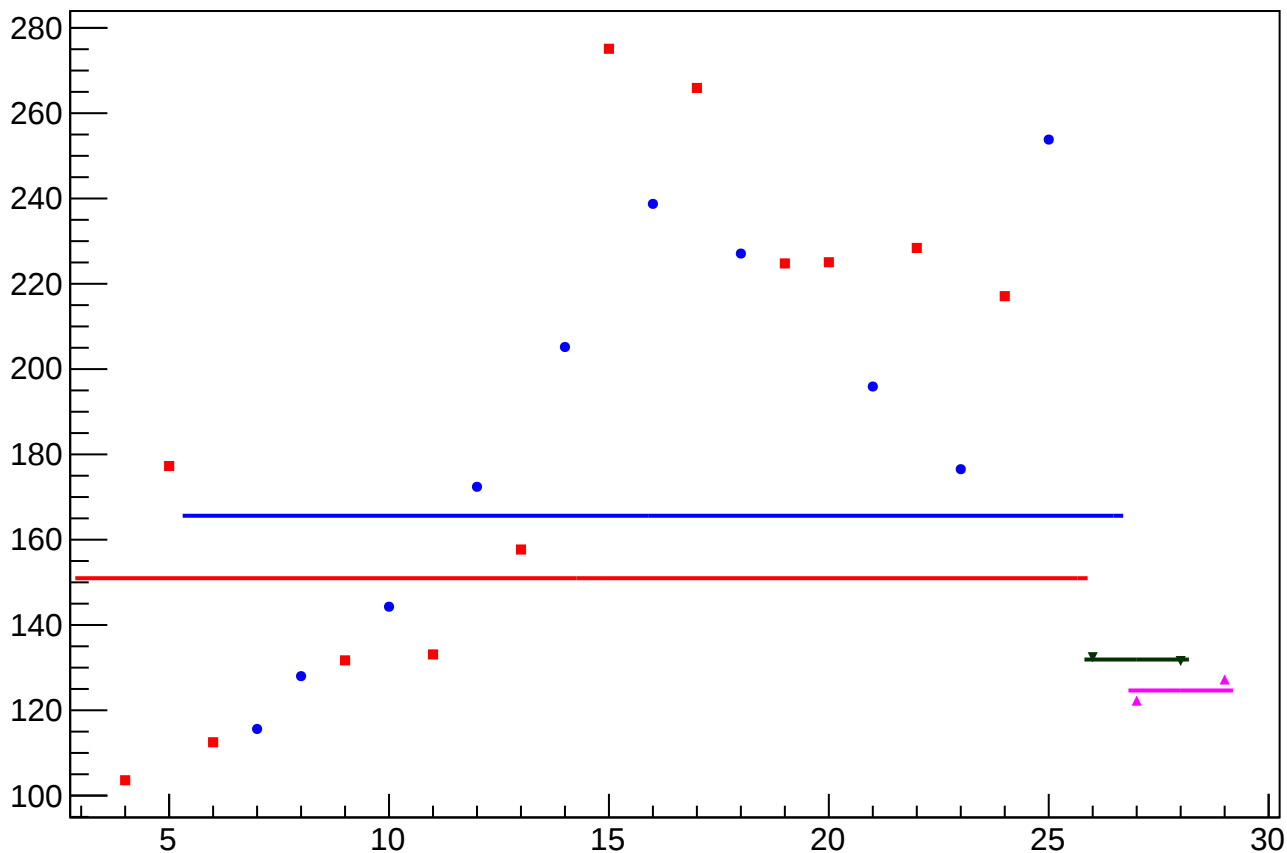
Right Out: 78.185+/-63.204 χ^2/NDF : 1.4/11

Left In: -40.489+/-97.193 χ^2/NDF : 0.1/1

43.444+/-58.883 χ^2/NDF : 2.6/11

42.915+/-52.986 χ^2/NDF : 2.5/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 131.902 $\pm$ 0.085 χ^2 /NDF: 26.7/1

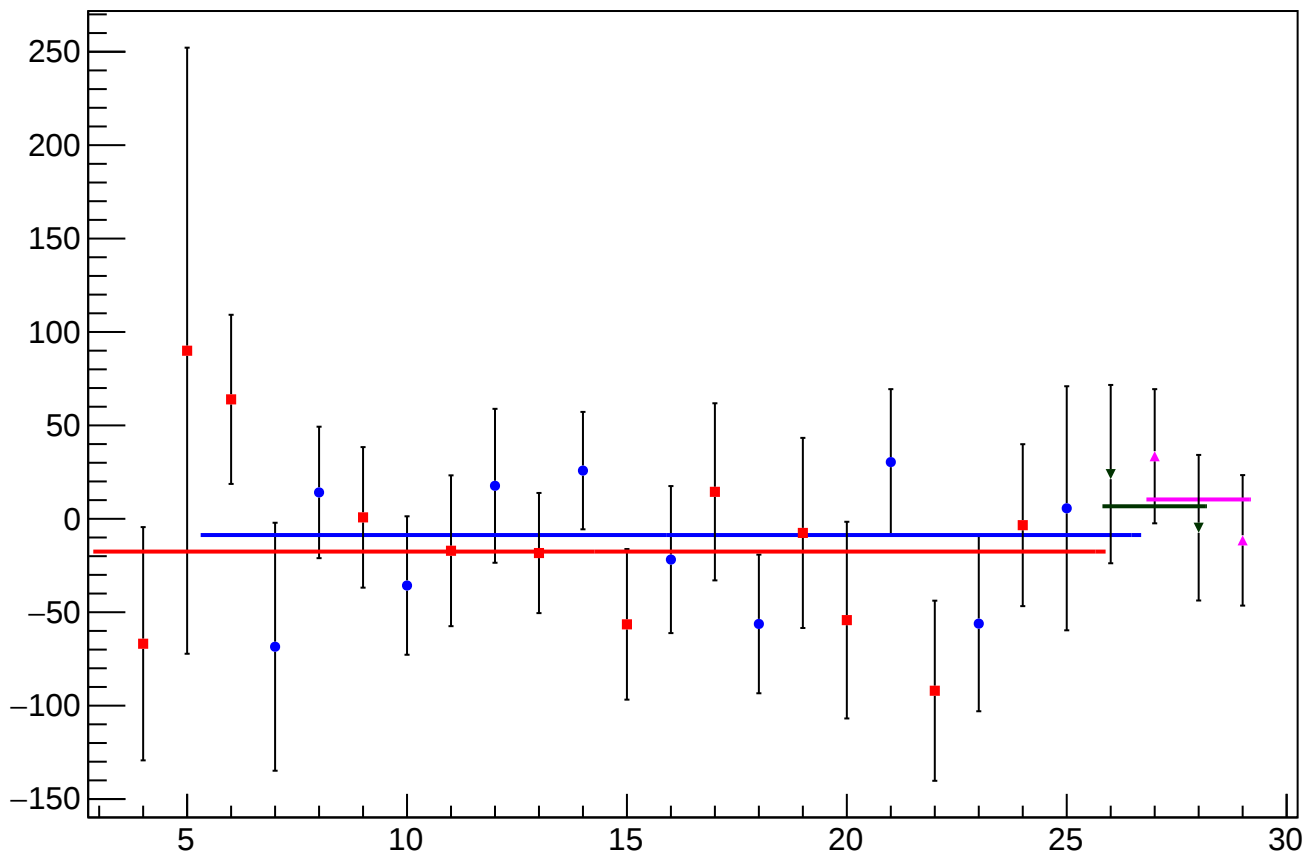
157.440 $\pm$ 0.042 χ^2 /NDF: 798451.4/11

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

143.145 $\pm$ 0.037 χ^2 /NDF: 1246240.4/13

Left In: 124.646 $\pm$ 0.069 χ^2 /NDF: 1297.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -8.681 $\pm$ 12.821 χ^2 /NDF: 7.2/9

Left Out: 6.713 $\pm$ 30.181 χ^2 /NDF: 0.2/1

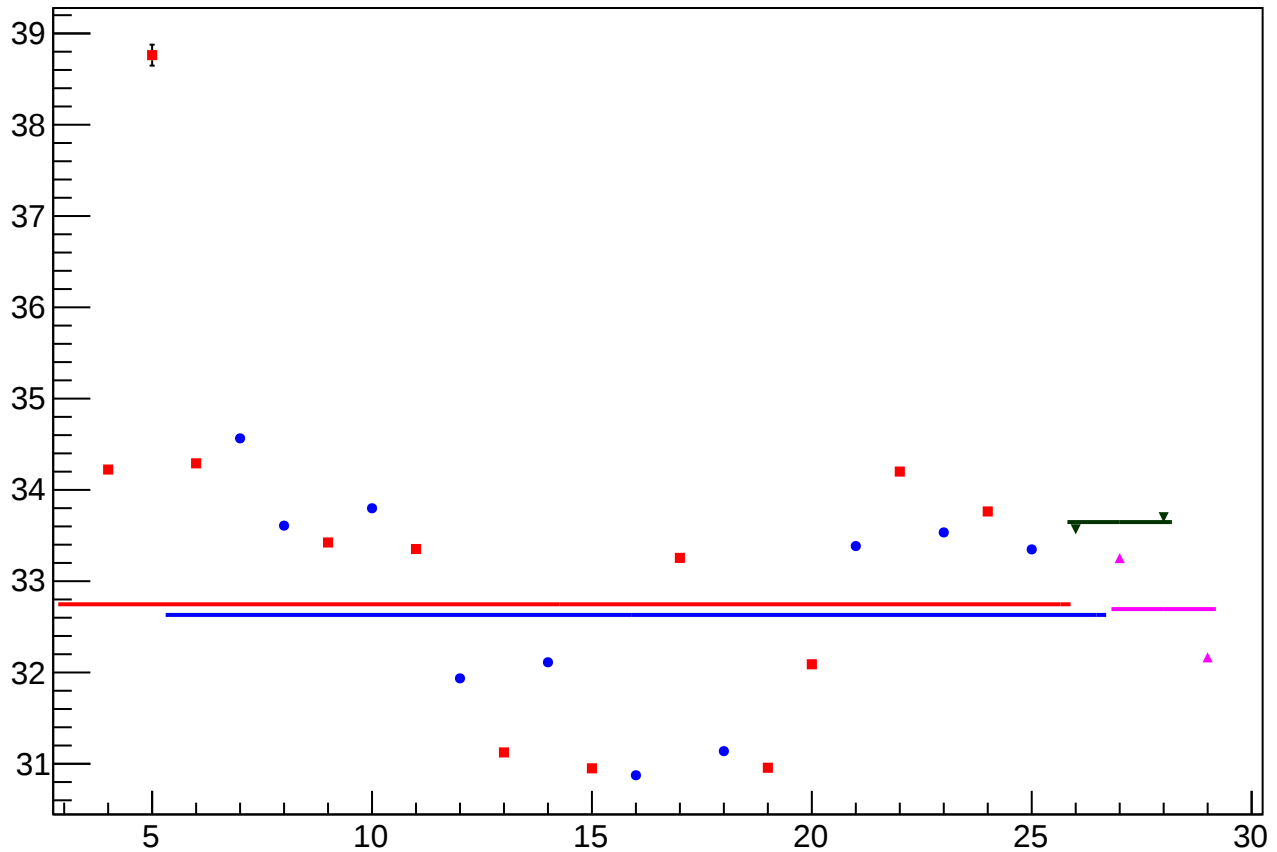
Right Out: -17.538 $\pm$ 13.085 χ^2 /NDF: 8.9/11

Left In: 10.361 $\pm$ 25.038 χ^2 /NDF: 0.8/1

-6.327 $\pm$ 11.801 χ^2 /NDF: 7.6/11

-11.553 $\pm$ 11.597 χ^2 /NDF: 10.7/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 33.648 $\pm$ 0.021 χ^2/NDF : 9.3/1

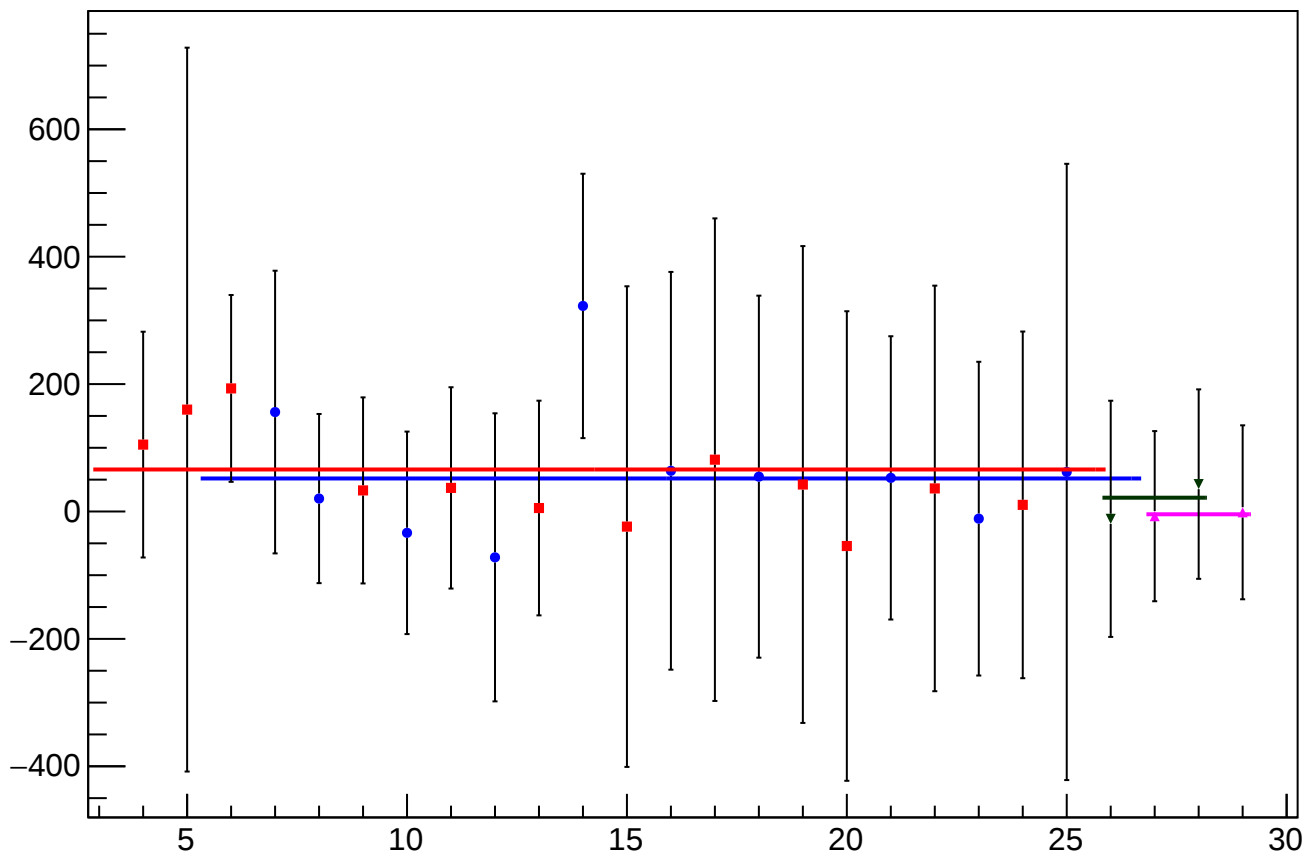
Right Out: 32.747 $\pm$ 0.009 χ^2/NDF : 22297.5/11

Left In: 32.695 $\pm$ 0.018 χ^2/NDF : 941.9/1

32.786 $\pm$ 0.008 χ^2/NDF : 17229.4/11

32.736 $\pm$ 0.008 χ^2/NDF : 23246.3/13

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: 21.650+/-116.007 χ^2/NDF : 0.1/1

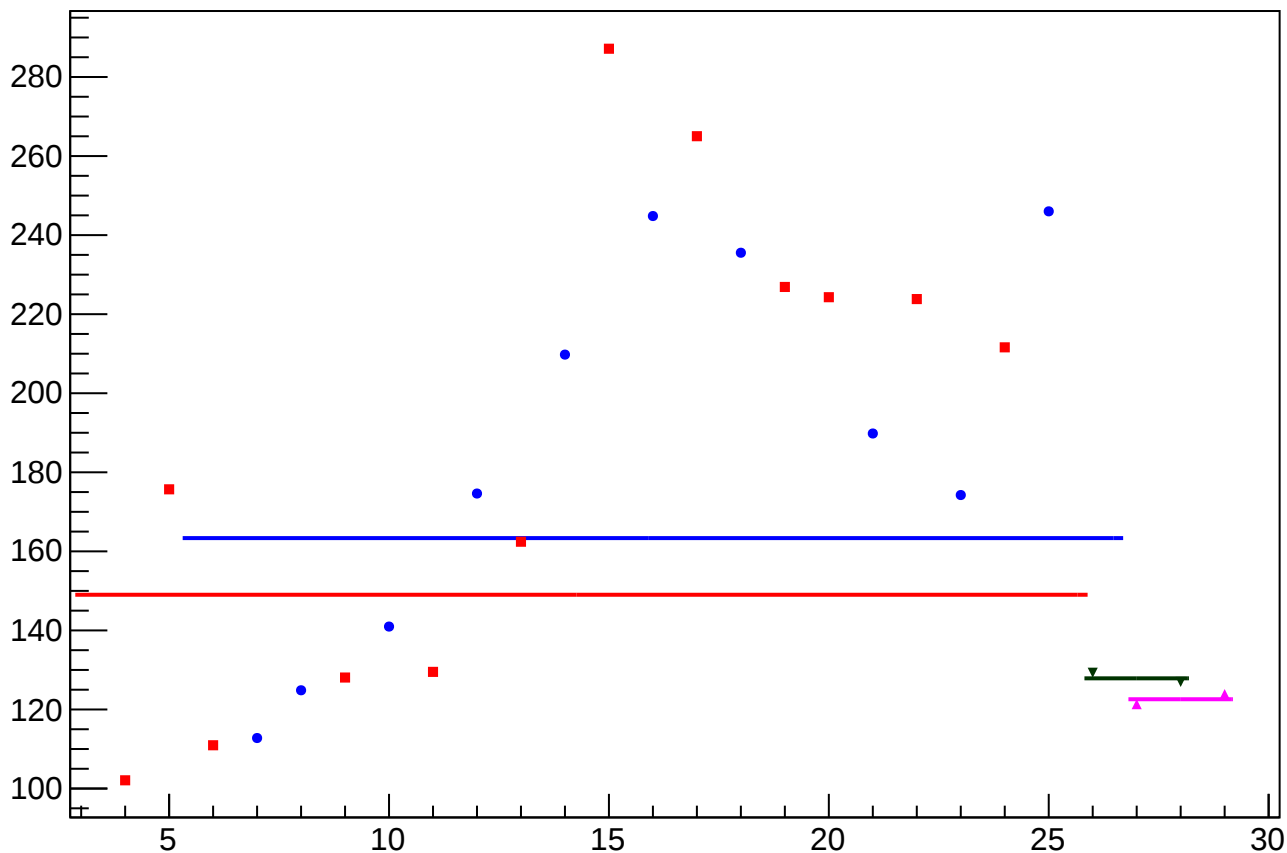
Right Out: 65.954+/-62.568 χ^2/NDF : 1.3/11

Left In: -4.381+/-95.481 χ^2/NDF : 0.0/1

44.290+/-57.994 χ^2/NDF : 2.7/11

44.824+/-52.333 χ^2/NDF : 1.6/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 127.879+/-0.082 χ^2/NDF :192.5/1

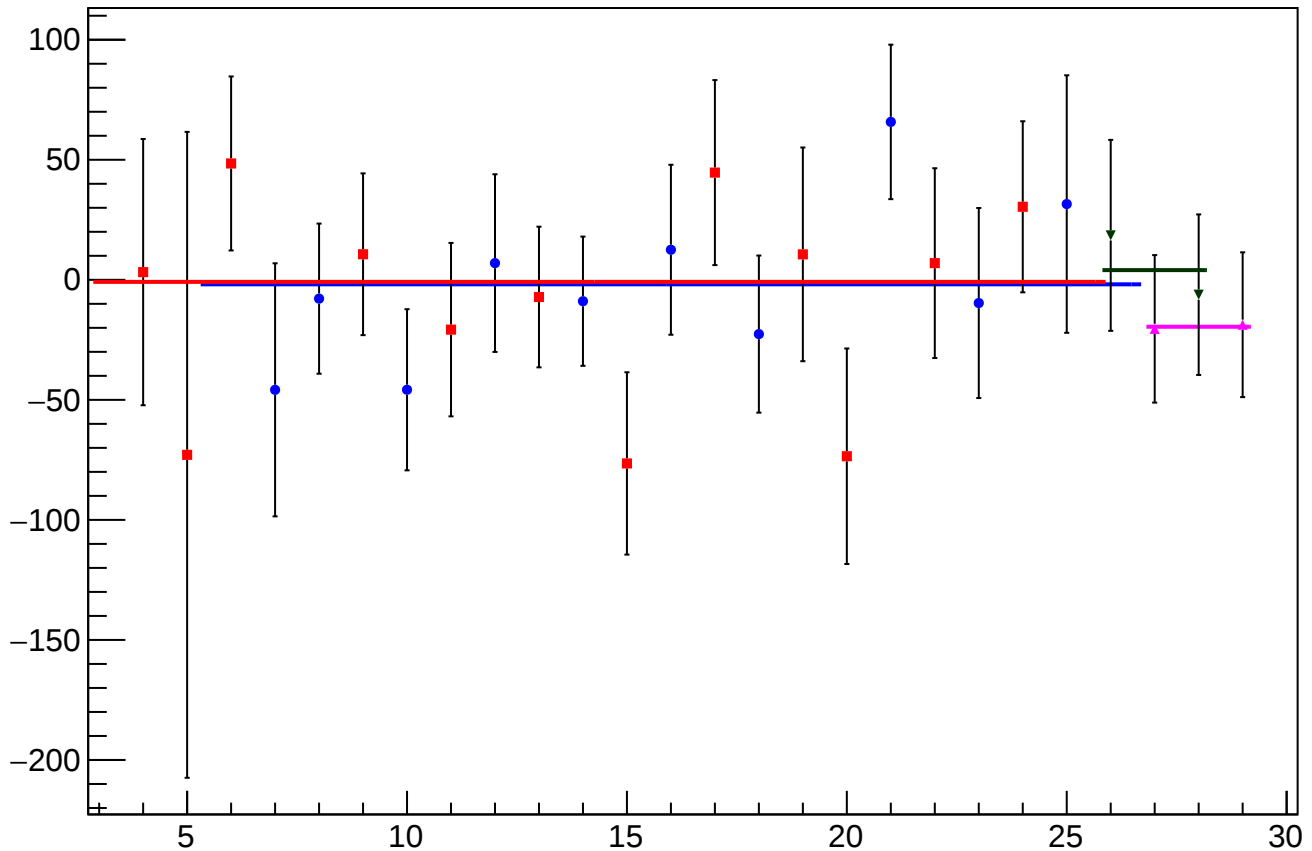
154.489+/-0.041 χ^2/NDF : 913089.1/11

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

141.081+/-0.037 χ^2/NDF : 1313214.7/13

Left In: 122.590+/-0.068 χ^2/NDF :357.2/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -1.881 ± 11.135 $\chi^2/\text{NDF}: 8.0/9$

Left Out: 4.039 ± 25.594 $\chi^2/\text{NDF}: 0.2/1$

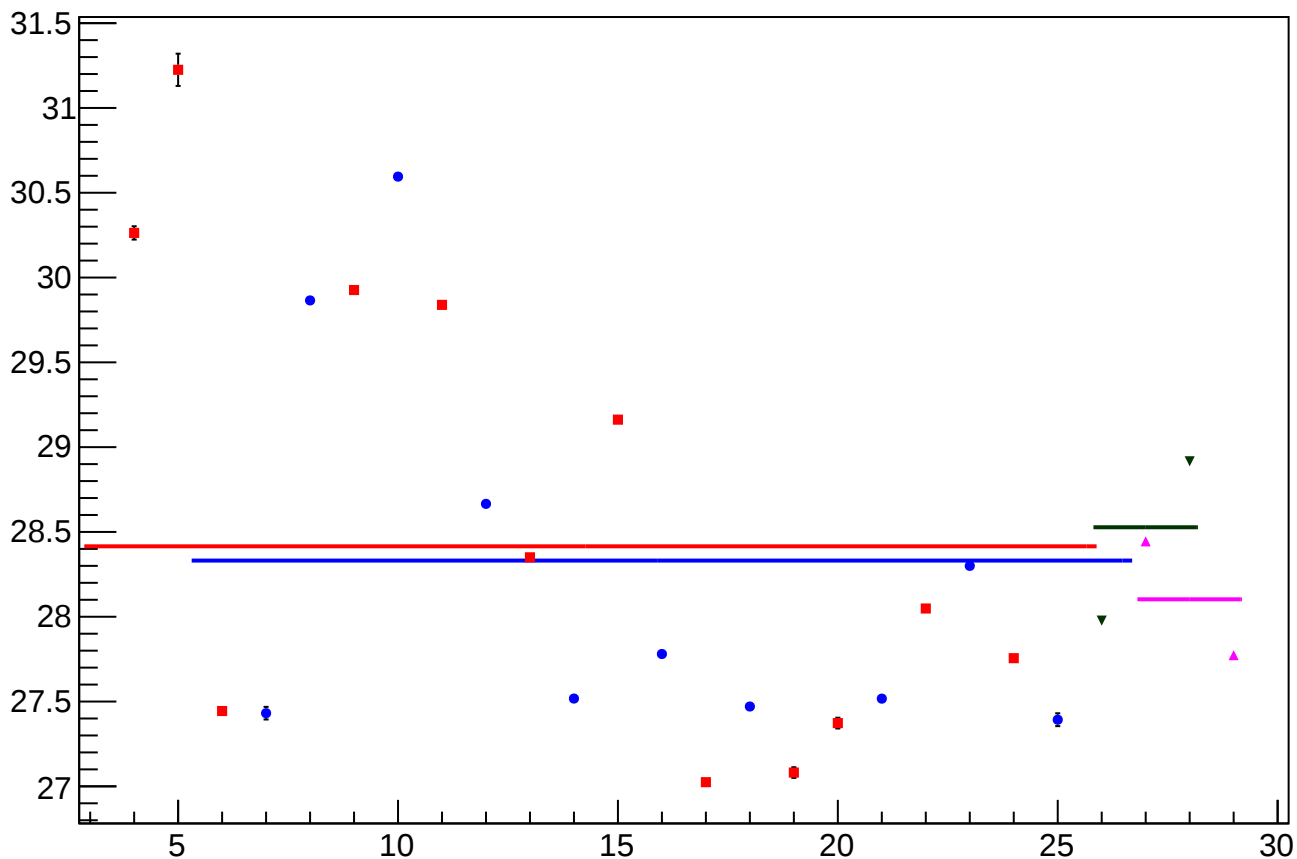
Right Out: -0.853 ± 11.359 $\chi^2/\text{NDF}: 11.5/11$

Left In: -19.548 ± 21.520 $\chi^2/\text{NDF}: 0.0/1$

-0.938 ± 10.210 $\chi^2/\text{NDF}: 8.3/11$

-4.927 ± 10.045 $\chi^2/\text{NDF}: 12.1/13$

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: 28.528+/-0.018 χ^2/NDF : 653.5/1

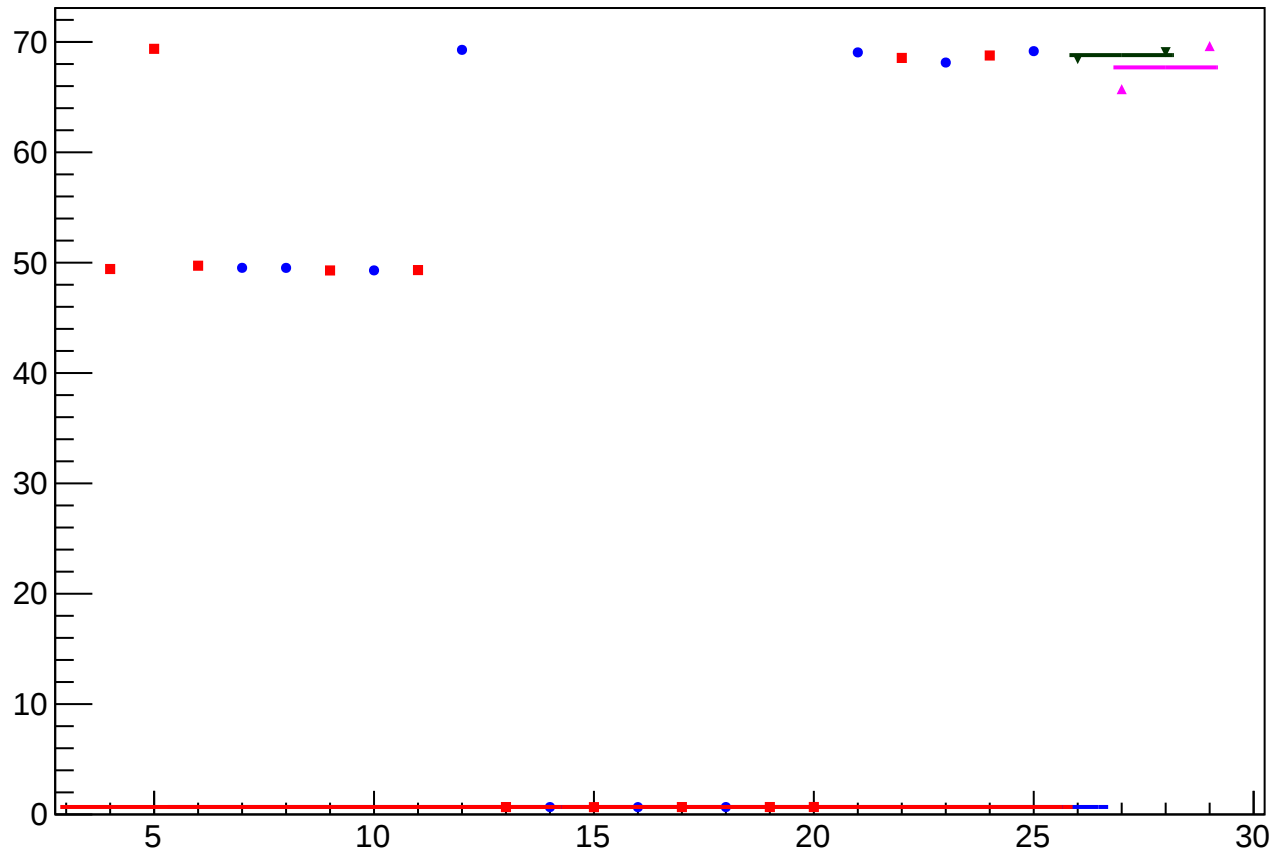
Right Out: 28.415+/-0.008 χ^2/NDF : 18780.8/11

Left In: 28.103+/-0.015 χ^2/NDF : 486.3/1

28.362+/-0.007 χ^2/NDF : 21001.8/11

28.347+/-0.007 χ^2/NDF : 19596.6/13

yield_bcm_an_ds_mean vs slug



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

Left Out: 68.808+/-0.000 χ^2/NDF : 3494367.1/1

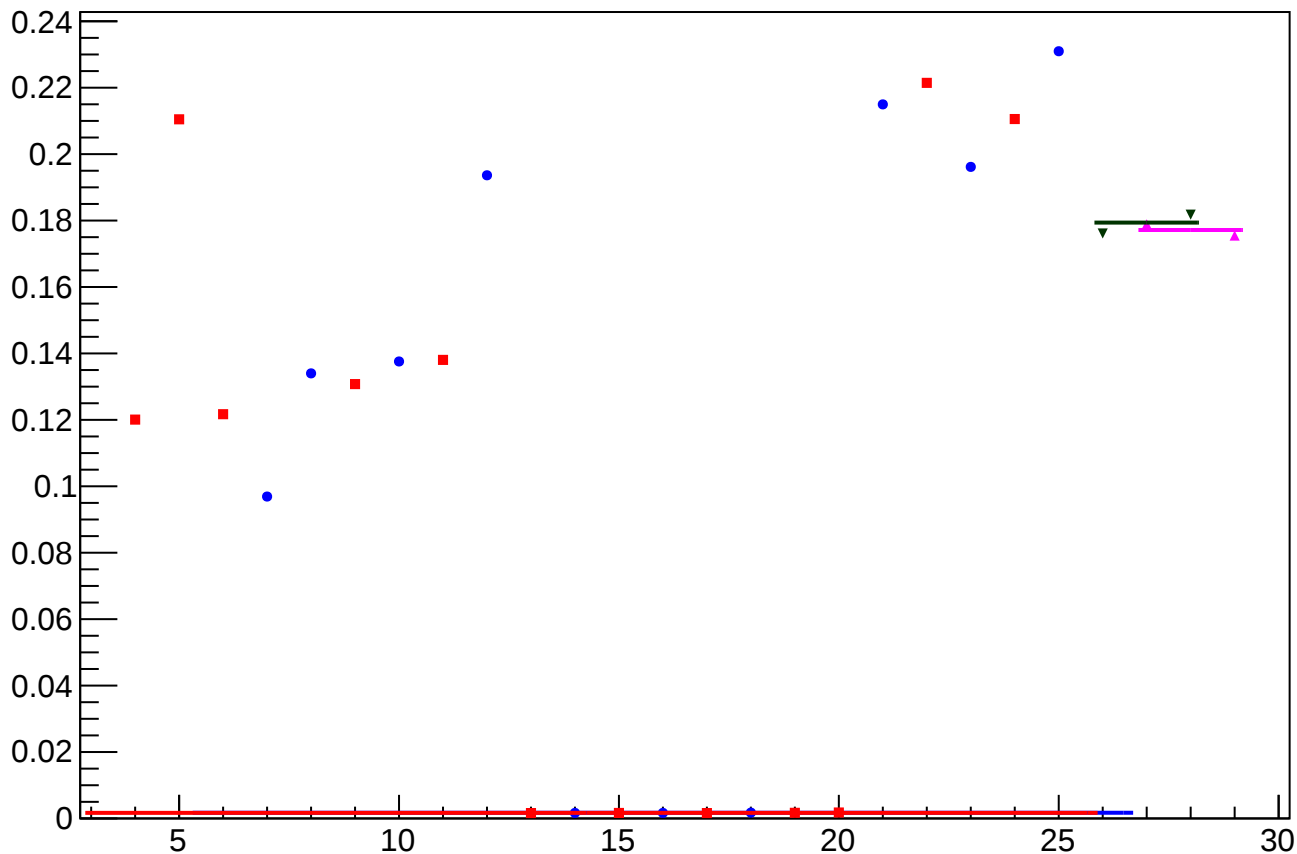
Right Out: 0.677+/-0.000 χ^2/NDF : 436954244556.0/11

Left In: 67.695+/-0.000 χ^2/NDF : 196558034.5/1

0.681+/-0.000 χ^2/NDF : 661865261237.1/11

0.681+/-0.000 χ^2/NDF : 668920579082.5/13

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.179+/-0.000 χ^2/NDF :566.3/1

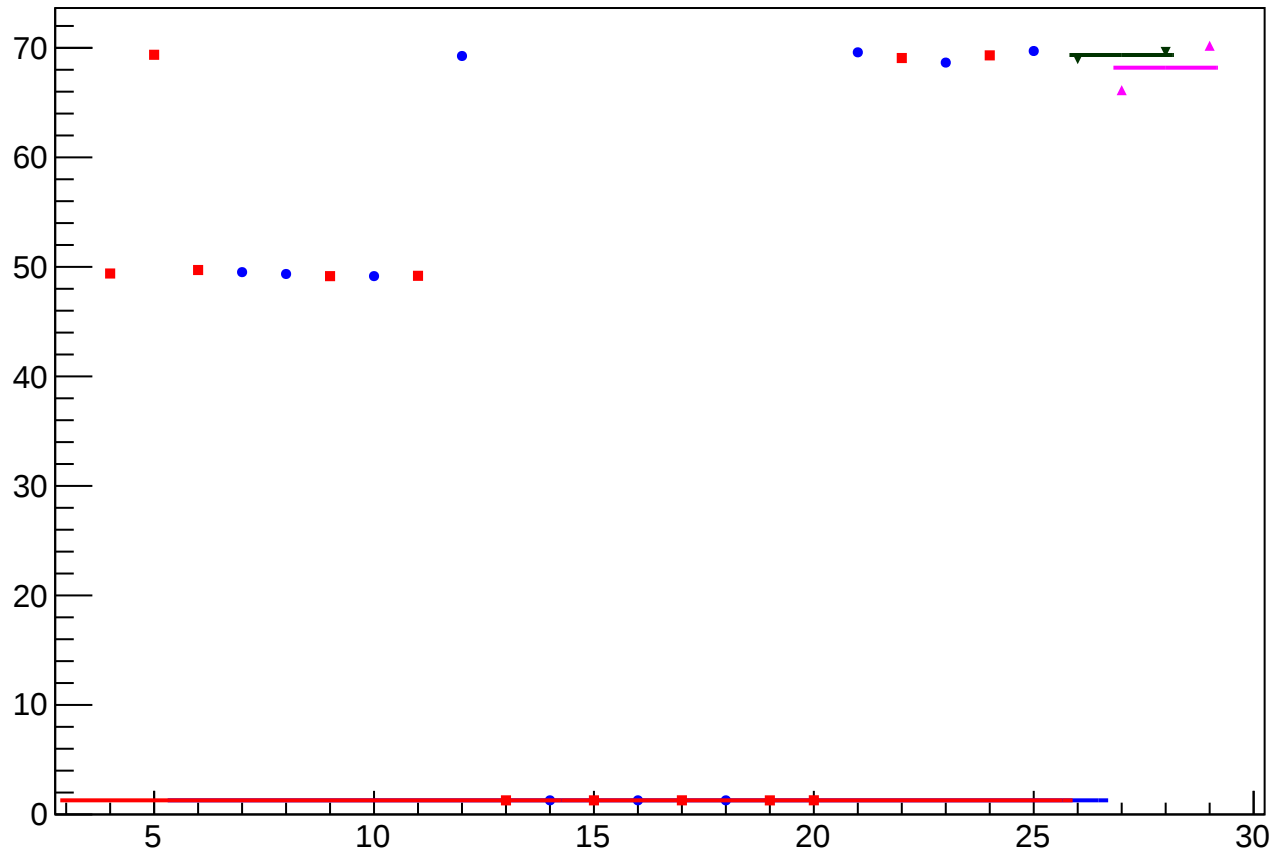
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.177+/-0.000 χ^2/NDF :298.7/1

0.002+/-0.000 χ^2/NDF : 9916405.5/11

0.002+/-0.000 χ^2/NDF : 9814357.4/13

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.348+/-0.000 χ^2/NDF : 3640020.9/1

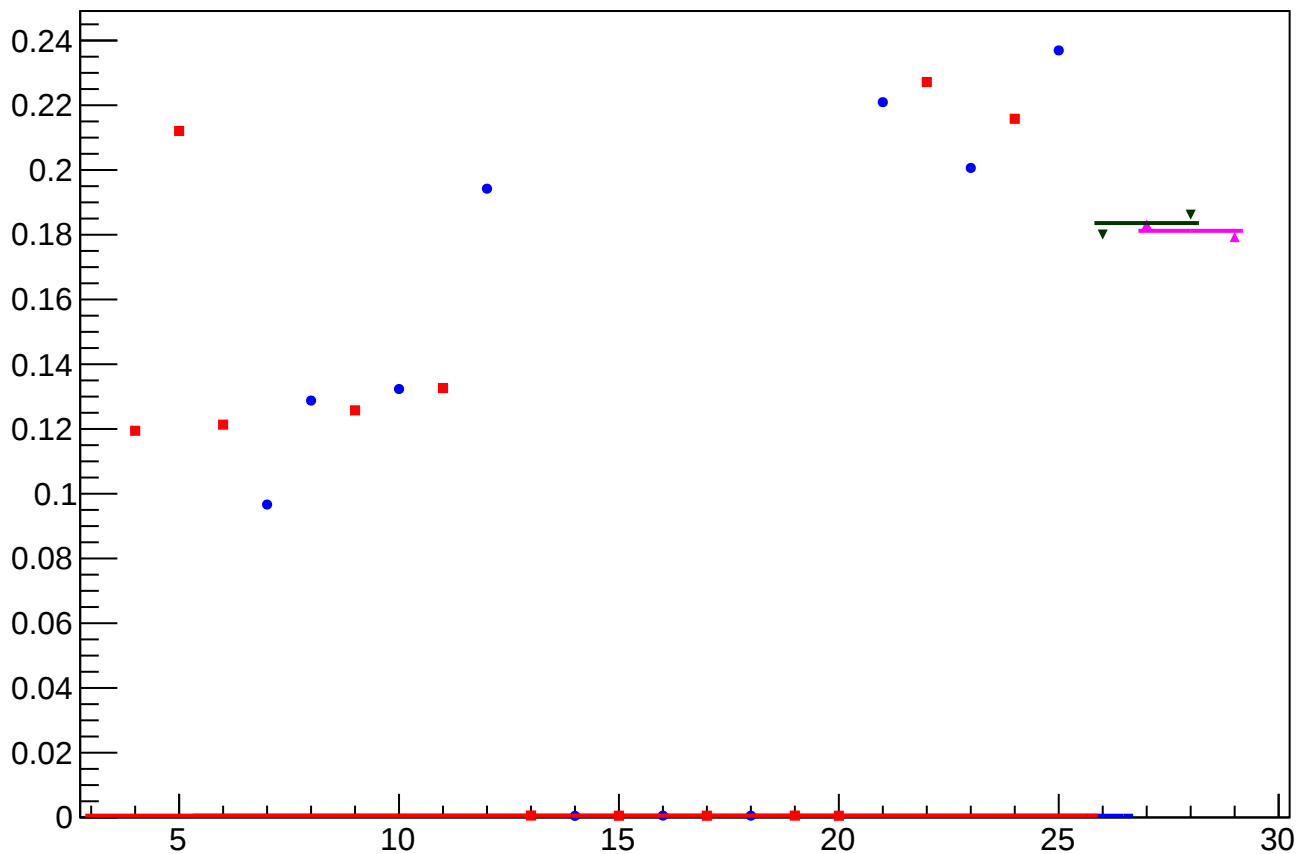
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

Left In: 68.190+/-0.000 χ^2/NDF : 202758276.3/1

1.290+/-0.000 χ^2/NDF : 652973430585.0/11

1.290+/-0.000 χ^2/NDF : 658301398469.1/13

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.184+/-0.000 χ^2/NDF : 634.5/1

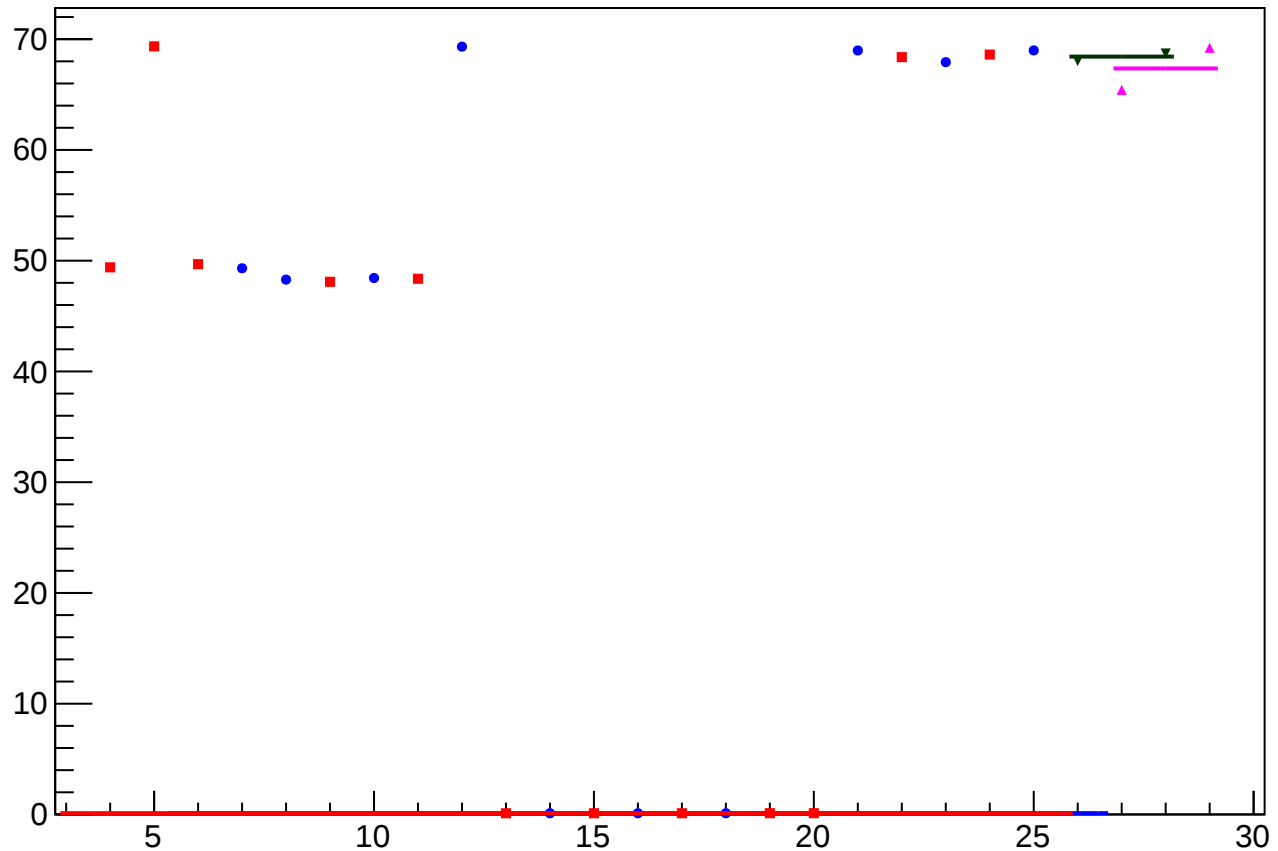
Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

Left In: 0.181+/-0.000 χ^2/NDF : 376.5/1

0.001+/-0.000 χ^2/NDF : 10077524.0/11

0.001+/-0.000 χ^2/NDF : 9960324.5/13

yield_bcm_an_us_mean vs slug



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

Left Out: 68.427+/-0.000 χ^2/NDF :4074029.4/1

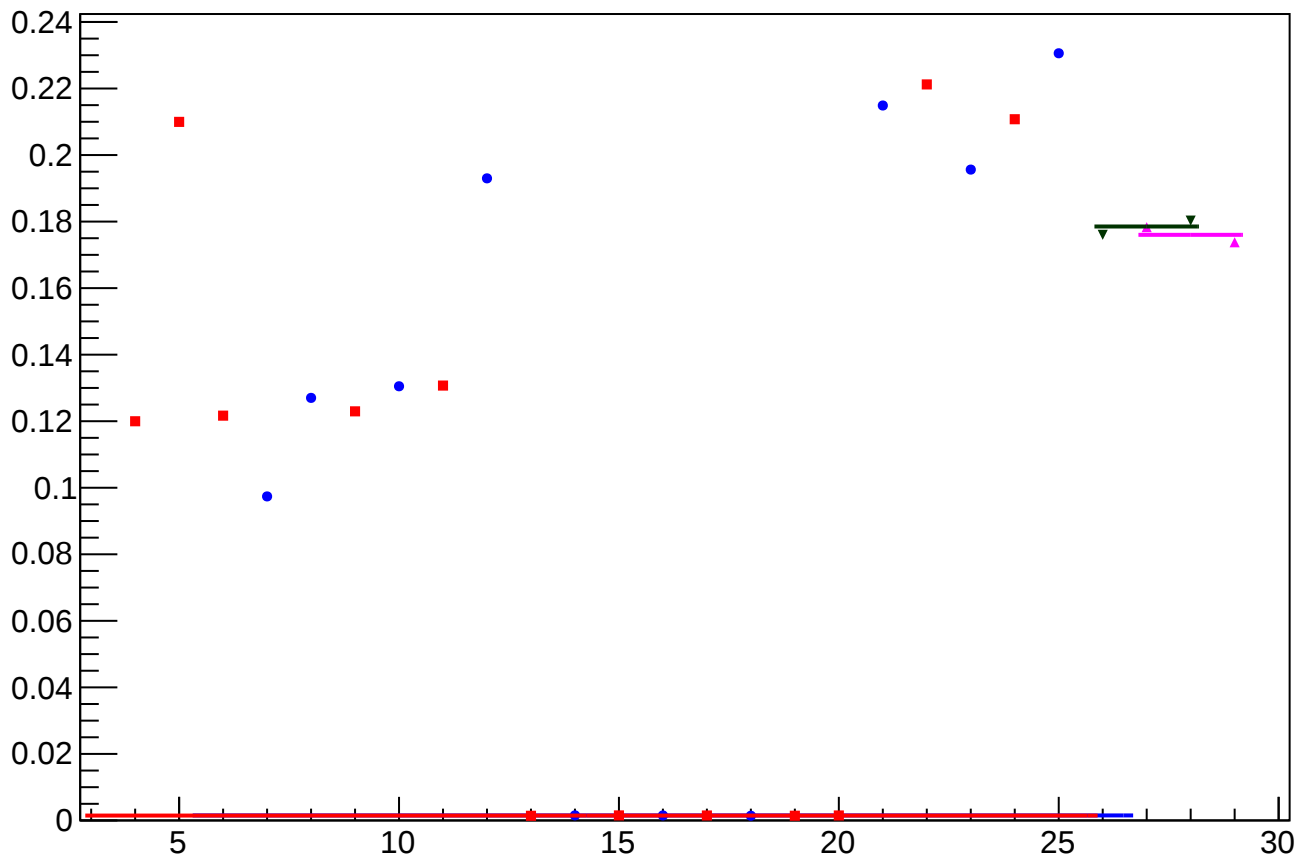
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 67.356+/-0.000 χ^2/NDF :188530048.6/1

0.121+/-0.000 χ^2/NDF : 685006043212.5/11

0.120+/-0.000 χ^2/NDF : 695704433487.5/13

yield_bcm_an_us_rms vs slug



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

Left Out: 0.179+/-0.000 χ^2/NDF :320.3/1

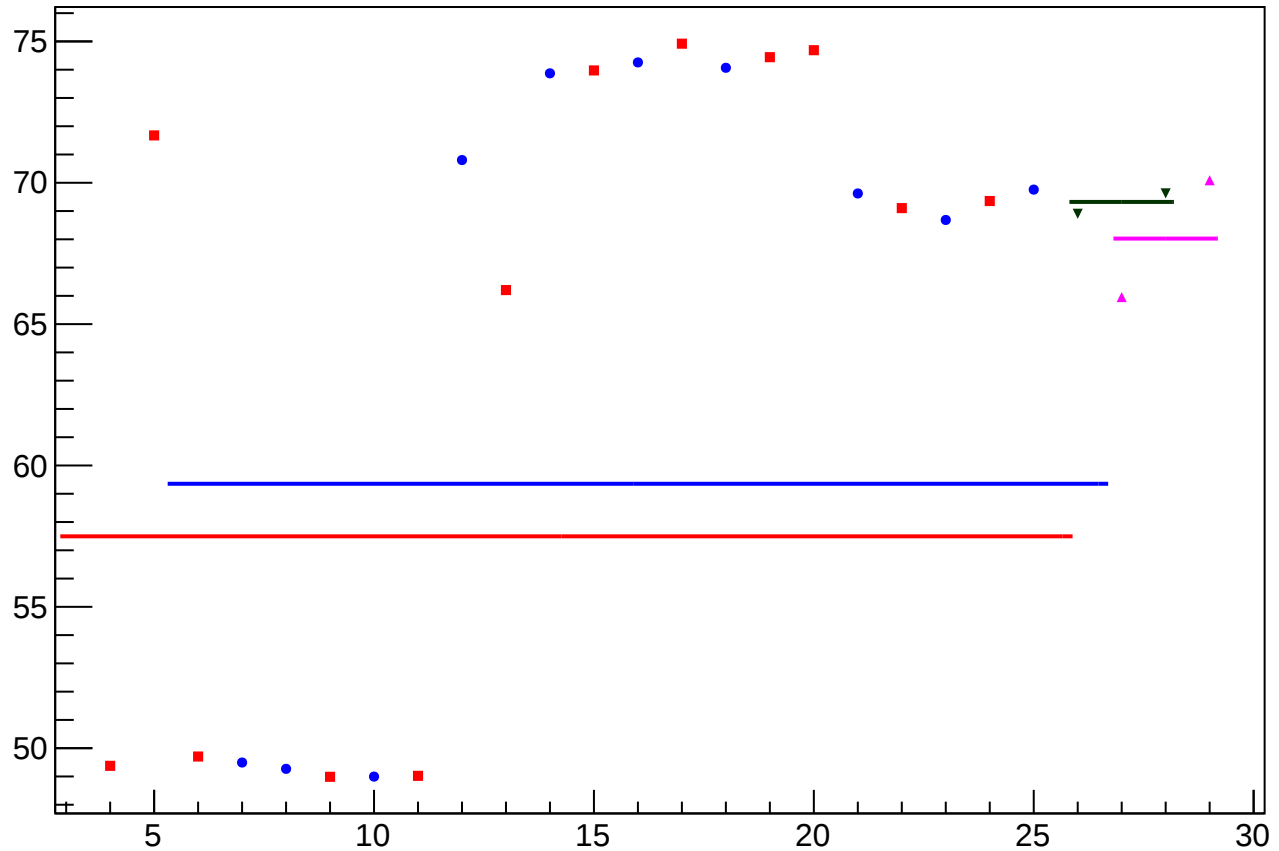
Right Out: 0.001+/-0.000 χ^2/NDF : 6649150.6/11

Left In: 0.176+/-0.000 χ^2/NDF :538.1/1

0.002+/-0.000 χ^2/NDF : 9910539.3/11

0.001+/-0.000 χ^2/NDF : 9833659.8/13

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.322+/-0.000 χ^2/NDF : 4006936.3/1

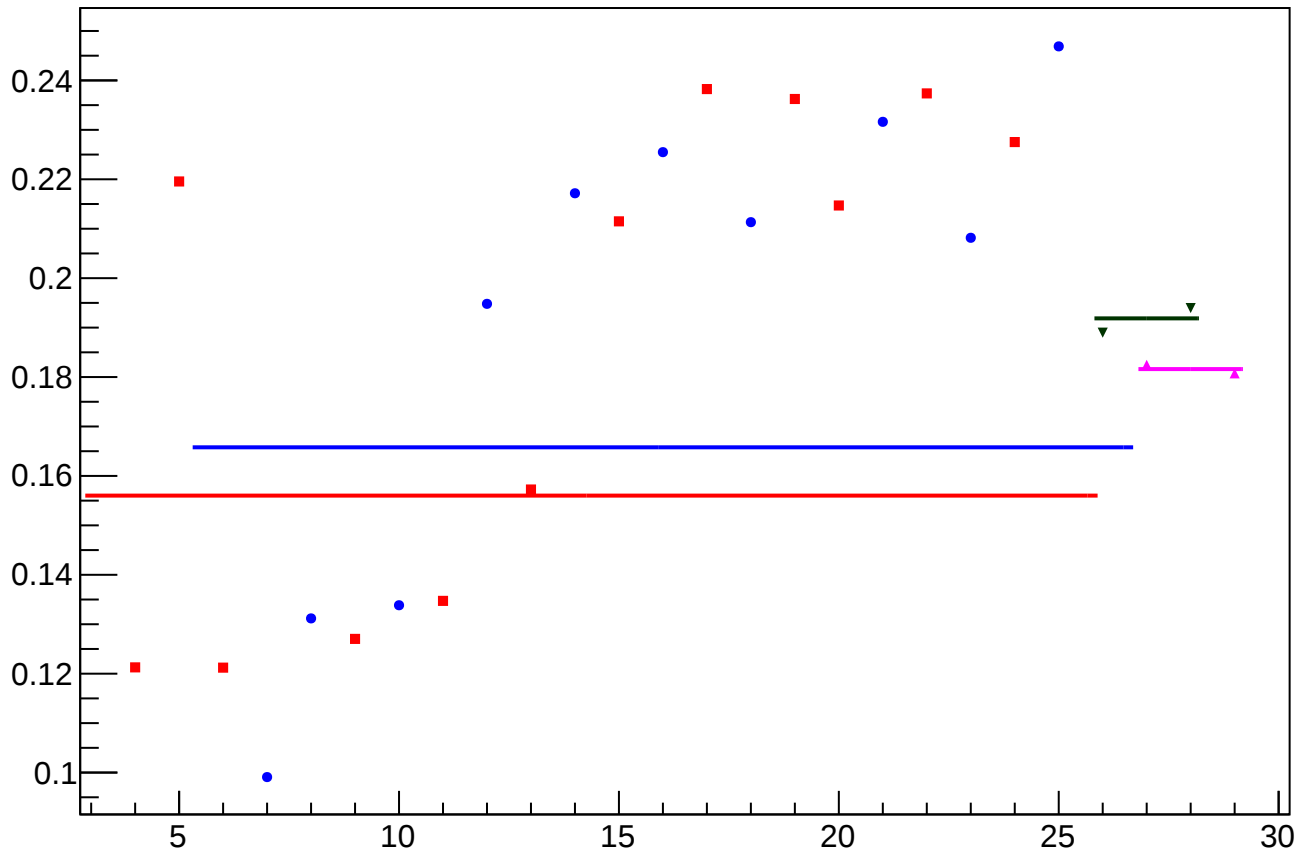
60.667+/-0.000 χ^2/NDF : 29928368230.6/11

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

59.353+/-0.000 χ^2/NDF : 29986300922.7/13

Left In: 68.026+/-0.000 χ^2/NDF : 208279818.2/1

yield_bcm_dg_us_rms vs slug



Right In: 0.166 $\pm$ 0.000 χ^2 /NDF: 913187.1/9

Left Out: 0.192 $\pm$ 0.000 χ^2 /NDF:381.8/1

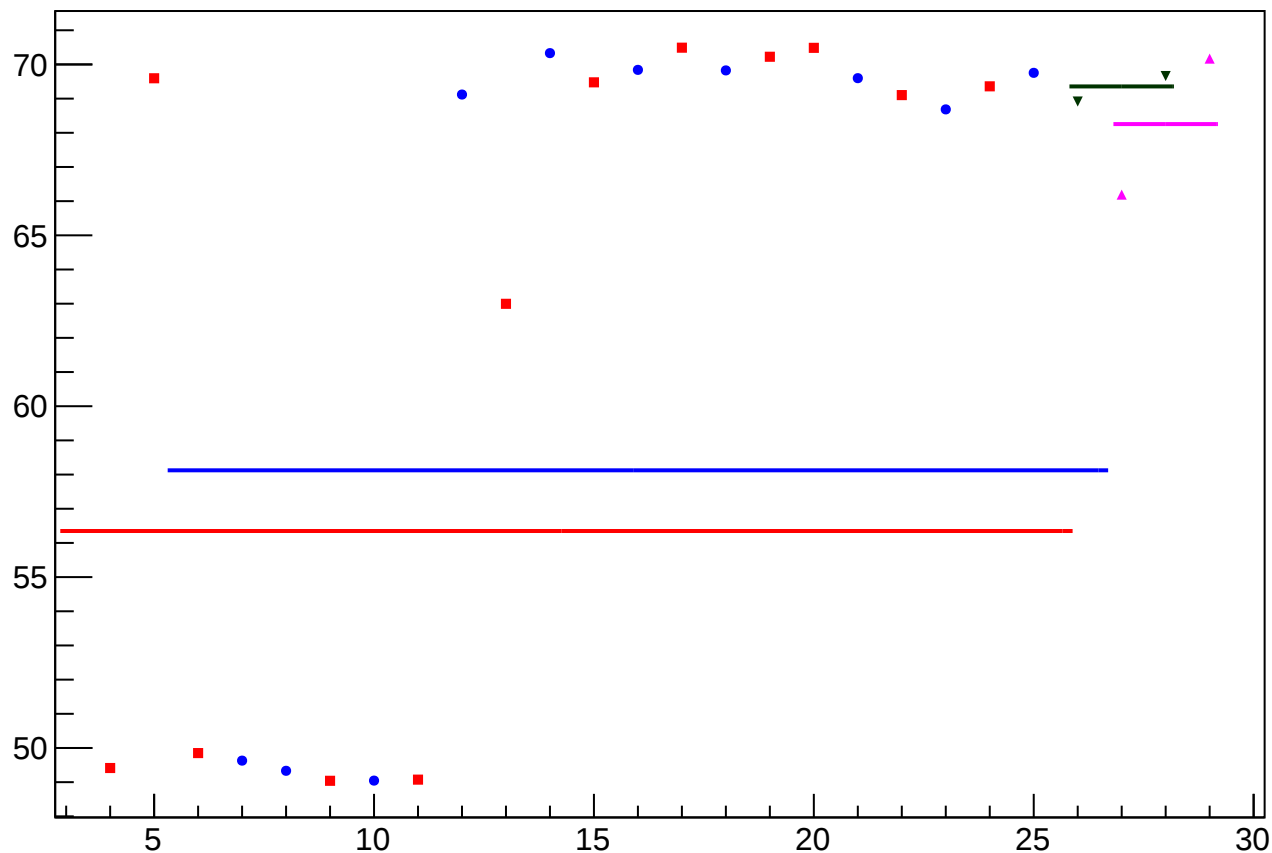
0.169 $\pm$ 0.000 χ^2 /NDF: 950952.6/11

Right Out: 0.156 $\pm$ 0.000 χ^2 /NDF: 828596.5/11

0.161 $\pm$ 0.000 χ^2 /NDF: 881309.9/13

Left In: 0.182 $\pm$ 0.000 χ^2 /NDF:73.2/1

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.357+/-0.000 χ^2/NDF : 4578162.5/1

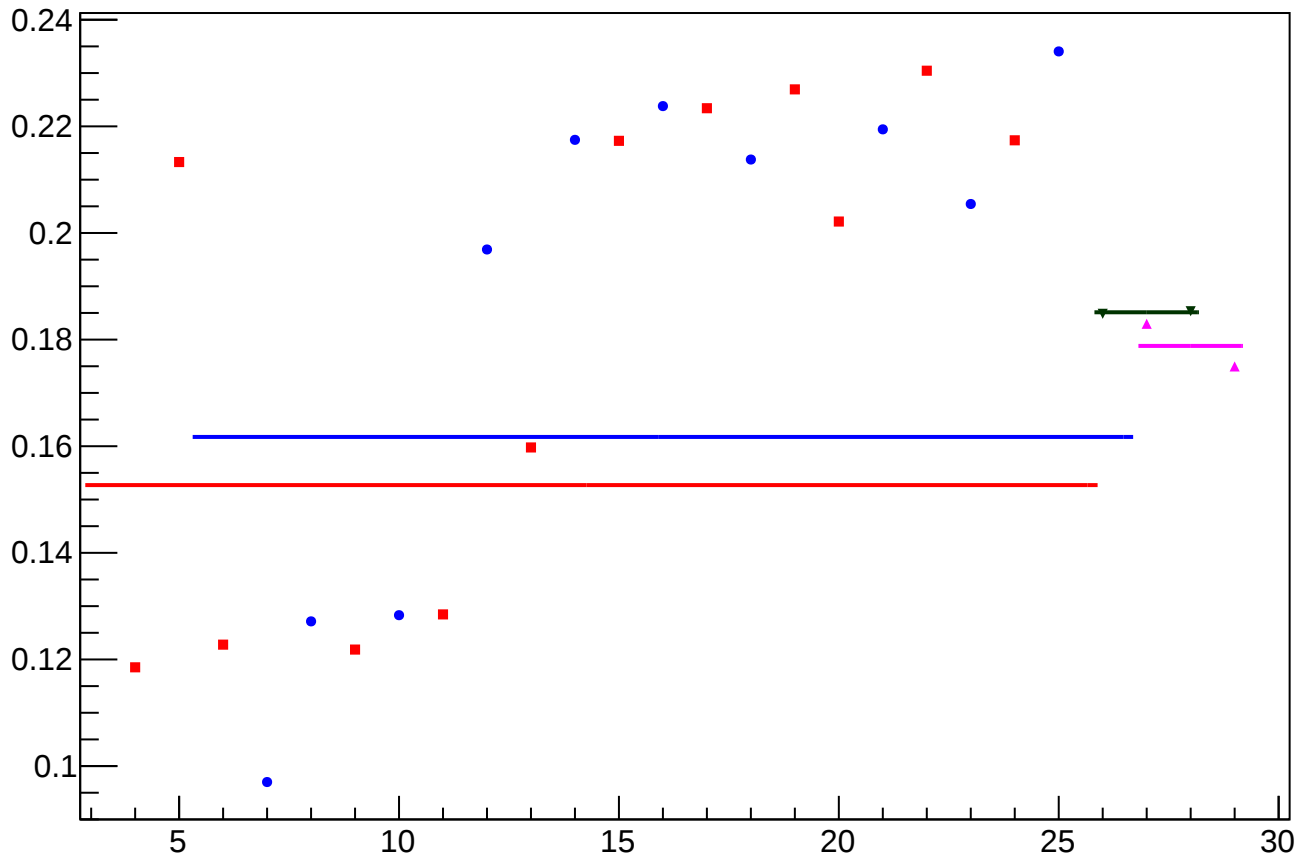
Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

Left In: 68.255+/-0.000 χ^2/NDF : 199767264.6/1

59.640+/-0.000 χ^2/NDF : 26002318636.5/11

58.436+/-0.000 χ^2/NDF : 25870582361.8/13

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.185+/-0.000 χ^2/NDF : 3.8/1

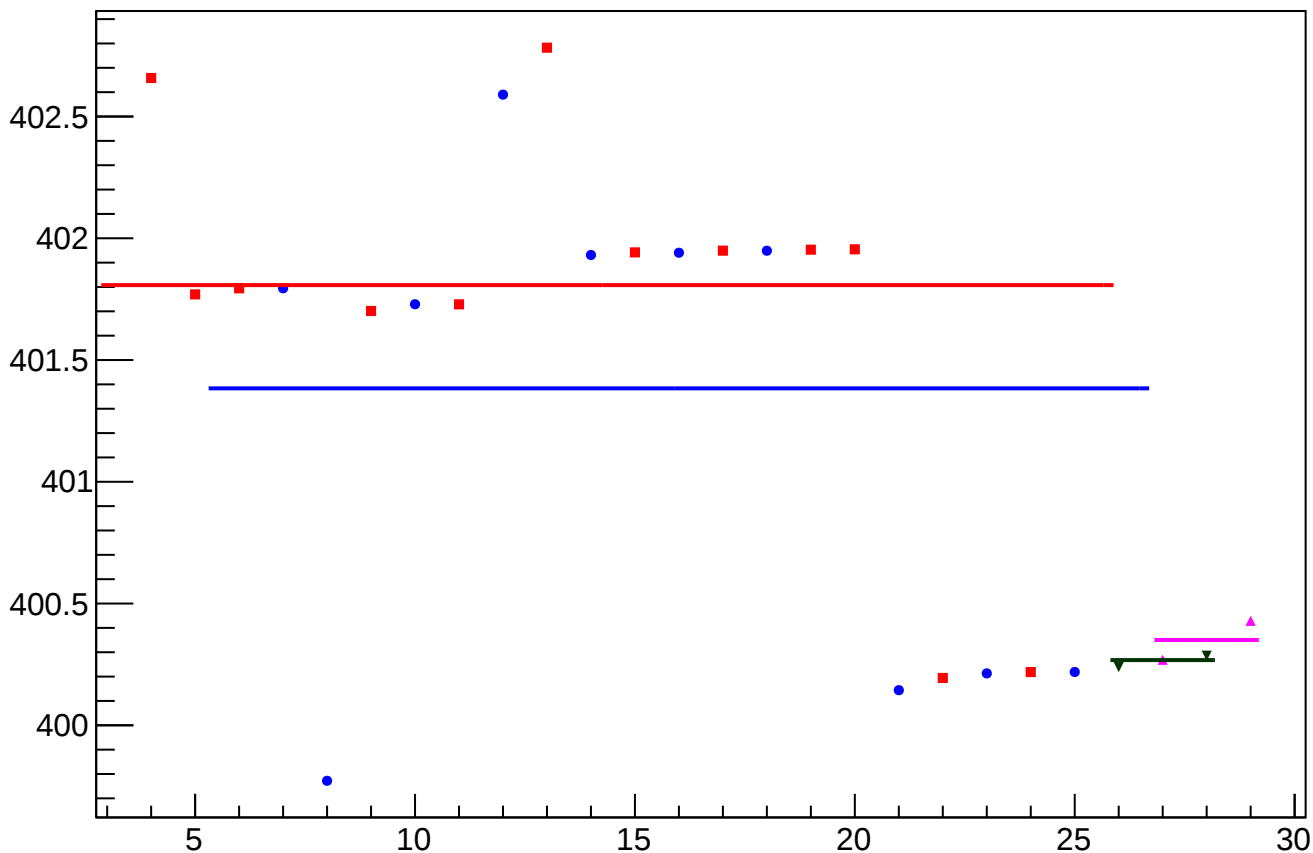
0.165+/-0.000 χ^2/NDF : 1004513.8/11

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

0.157+/-0.000 χ^2/NDF : 869080.1/13

Left In: 0.179+/-0.000 χ^2/NDF : 1615.1/1

yield_cav4bQ_mean vs slug



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

Left Out: 400.268+/-0.000 χ^2/NDF : 12804199.8/1

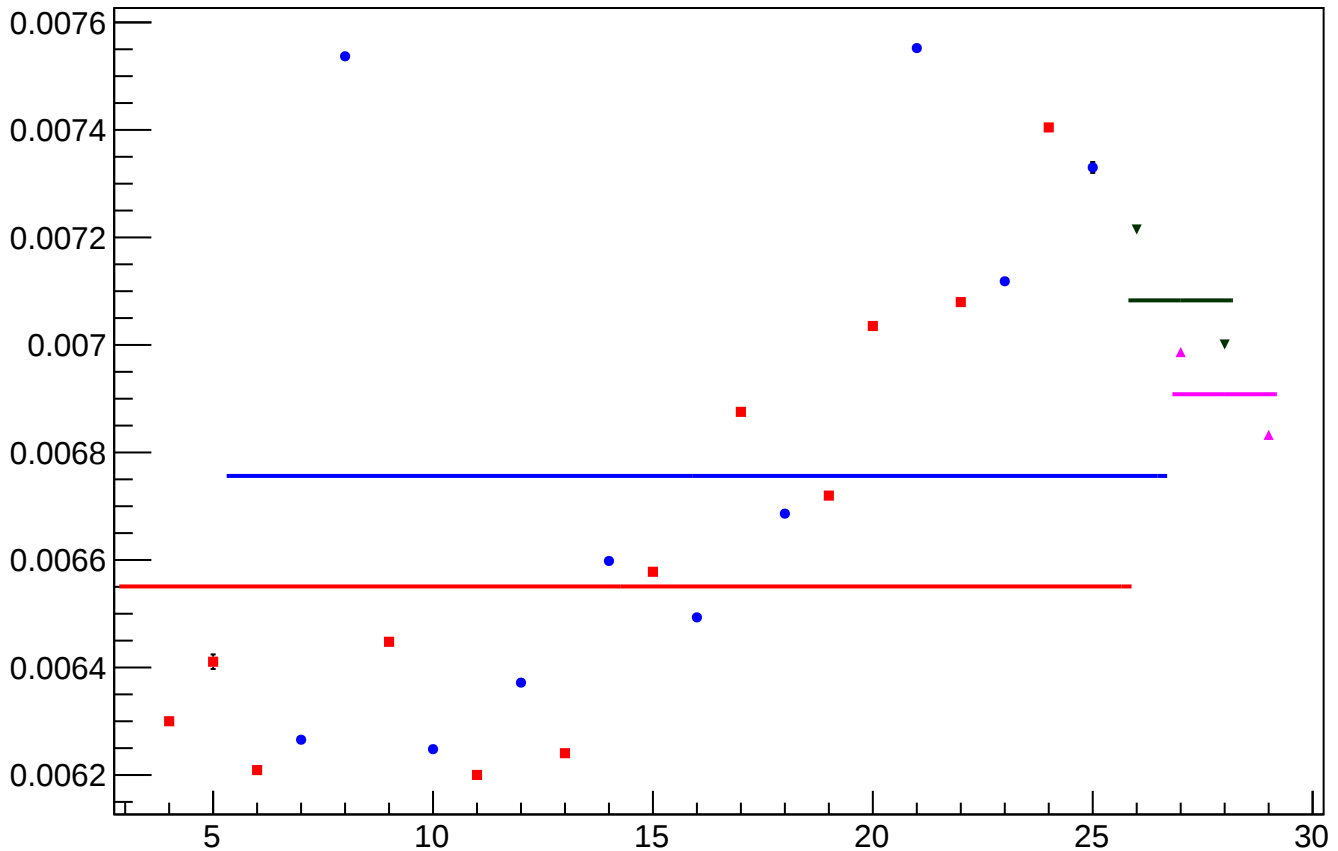
401.217+/-0.000 χ^2/NDF : 148619450985.3/11

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

401.525+/-0.000 χ^2/NDF : 146384209252.6/13

Left In: 400.350+/-0.000 χ^2/NDF : 228585825.7/1

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 :534.6/1

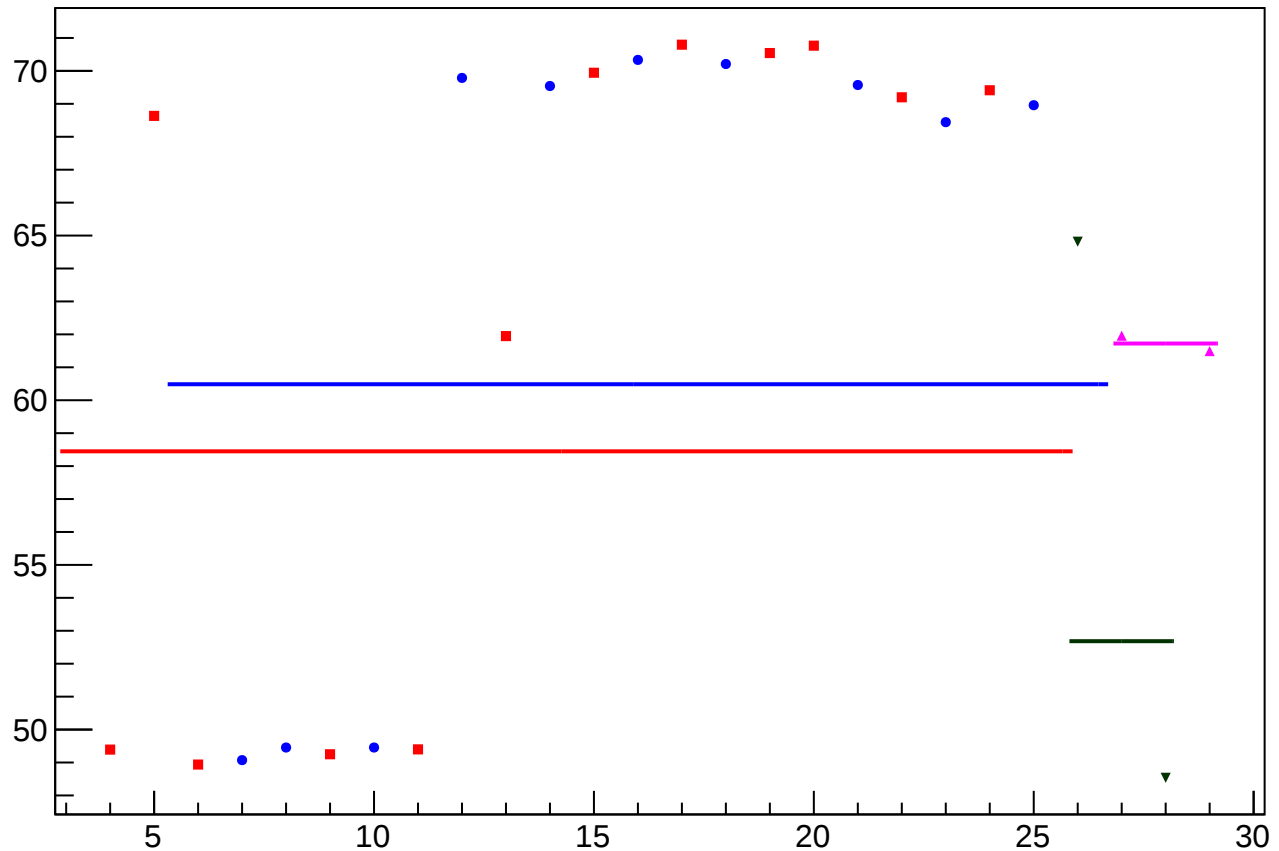
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

Left In: 0.007+/-0.000 χ^2/NDF :423.2/1

0.007+/-0.000 χ^2/NDF : 67999.1/11

0.007+/-0.000 χ^2/NDF : 49897.0/13

yield_cav4cQ_mean vs slug



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

Left Out: 52.684+/-0.000 χ^2/NDF :1748087280.8/1

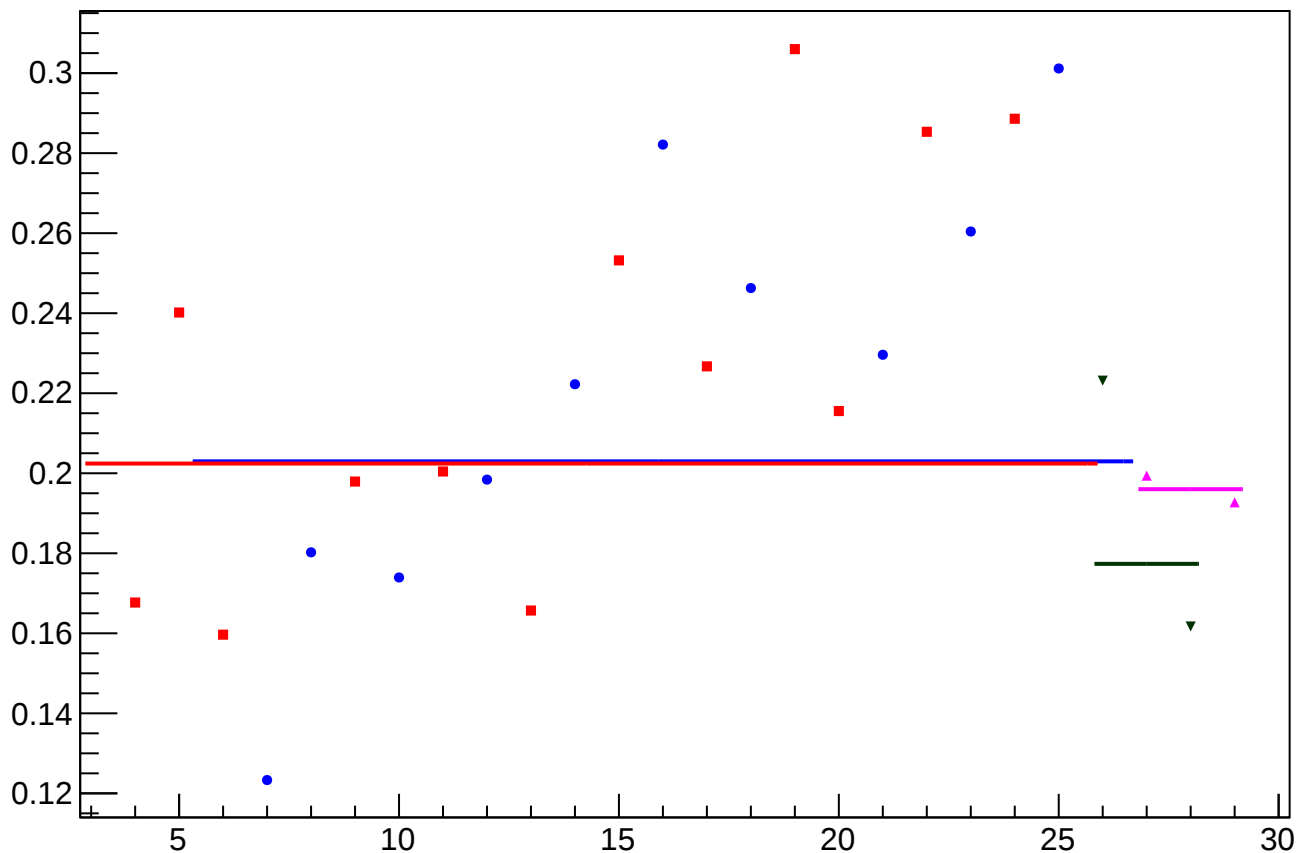
58.904+/-0.000 χ^2/NDF : 17375628944.0/11

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

59.196+/-0.000 χ^2/NDF : 11685849784.3/13

Left In: 61.722+/-0.000 χ^2/NDF :2093559.0/1

yield_cav4cQ_rms vs slug



Right In: 0.203 $\pm$ 0.000 χ^2/NDF : 509389.5/9

Left Out: 0.177 $\pm$ 0.000 χ^2/NDF : 49808.0/1

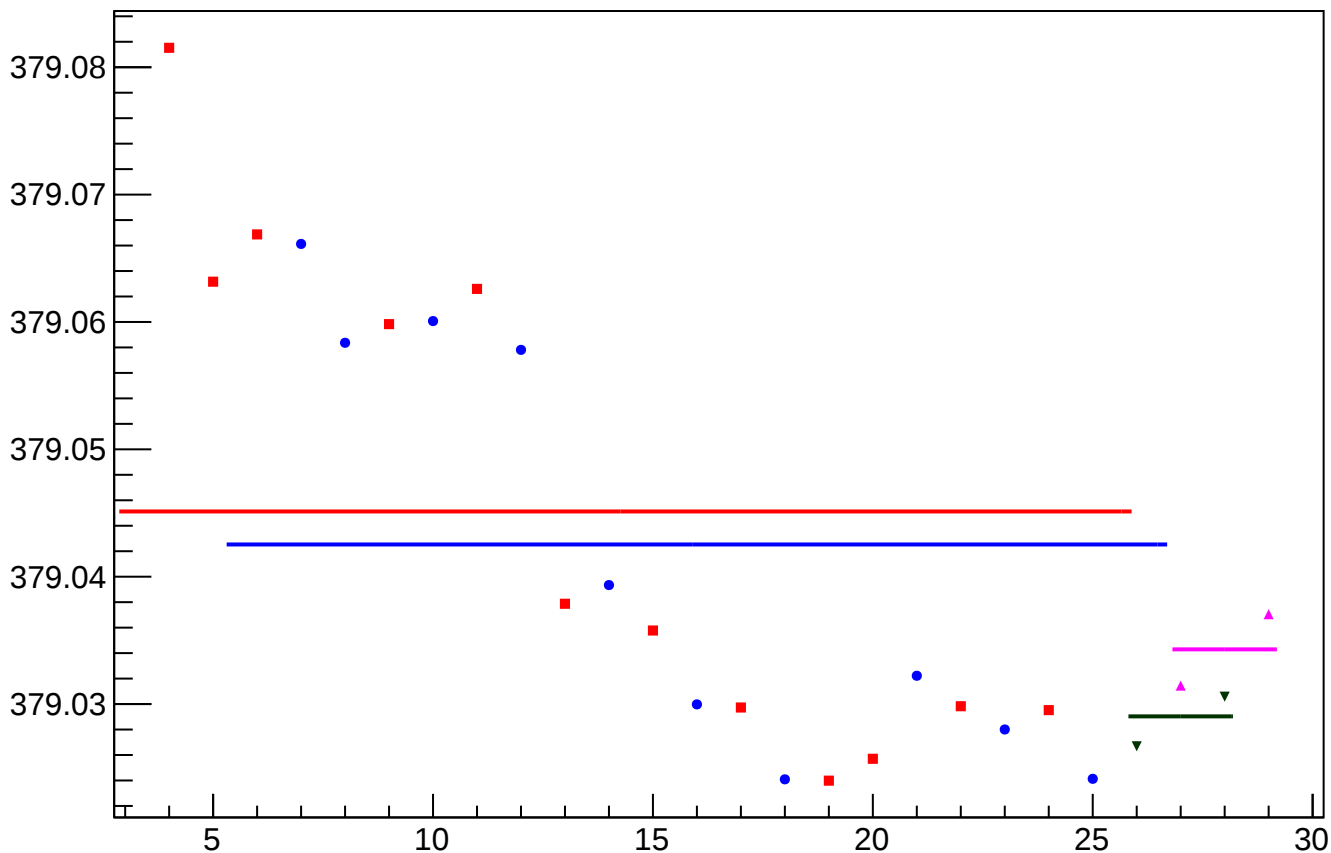
Right Out: 0.202 $\pm$ 0.000 χ^2/NDF : 477643.7/11

Left In: 0.196 $\pm$ 0.000 χ^2/NDF : 848.5/1

0.198 $\pm$ 0.000 χ^2/NDF : 595550.8/11

0.201 $\pm$ 0.000 χ^2/NDF : 480917.6/13

yield_cav4dQ_mean vs slug



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

Left Out: 379.029+/-0.000 χ^2/NDF : 93914.9/1

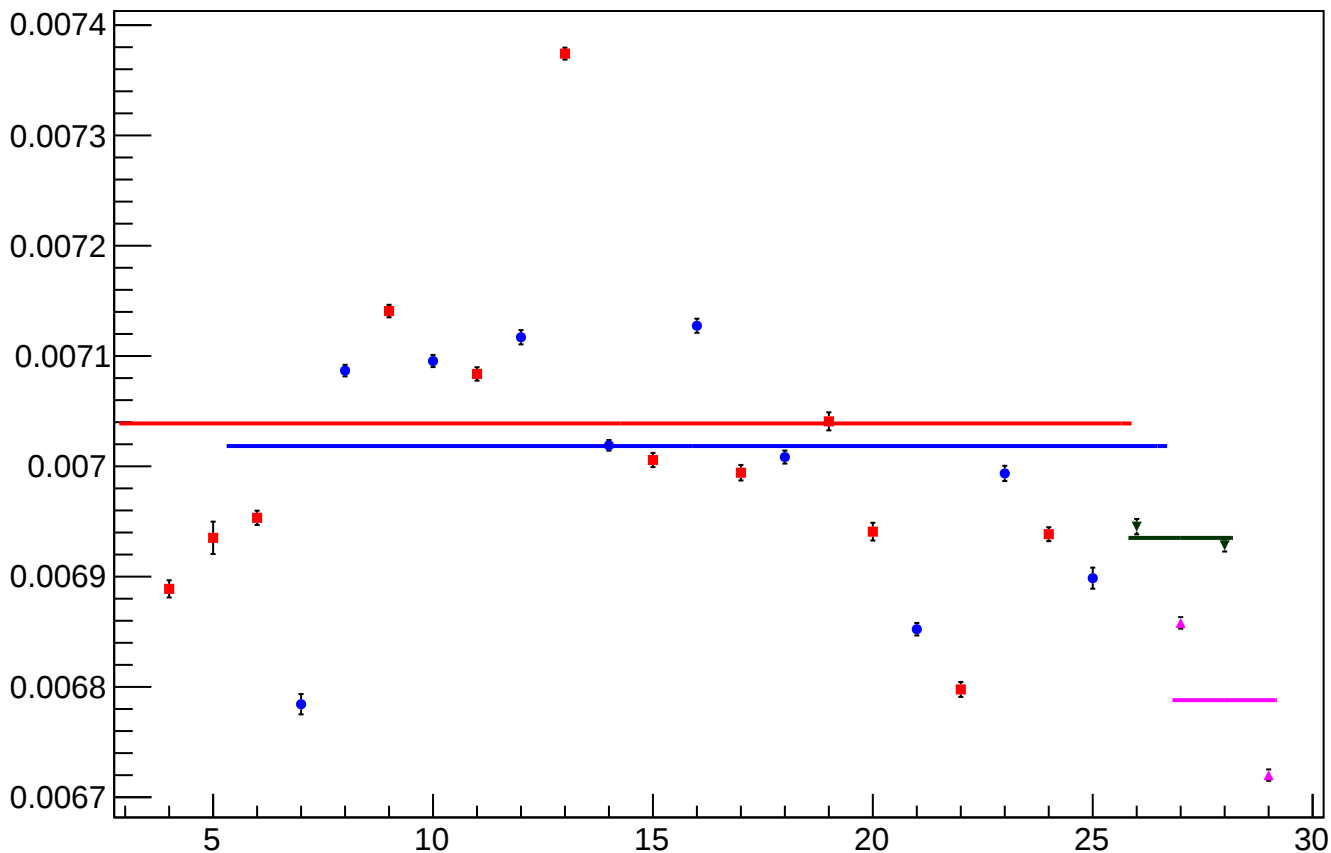
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

Left In: 379.034+/-0.000 χ^2/NDF : 291304.3/1

379.040+/-0.000 χ^2/NDF : 32462357.7/11

379.043+/-0.000 χ^2/NDF : 44592230.0/13

yield_cav4dQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2/NDF : 2564.7/9

Left Out: 0.007 $\pm$ 0.000 χ^2/NDF : 3.5/1

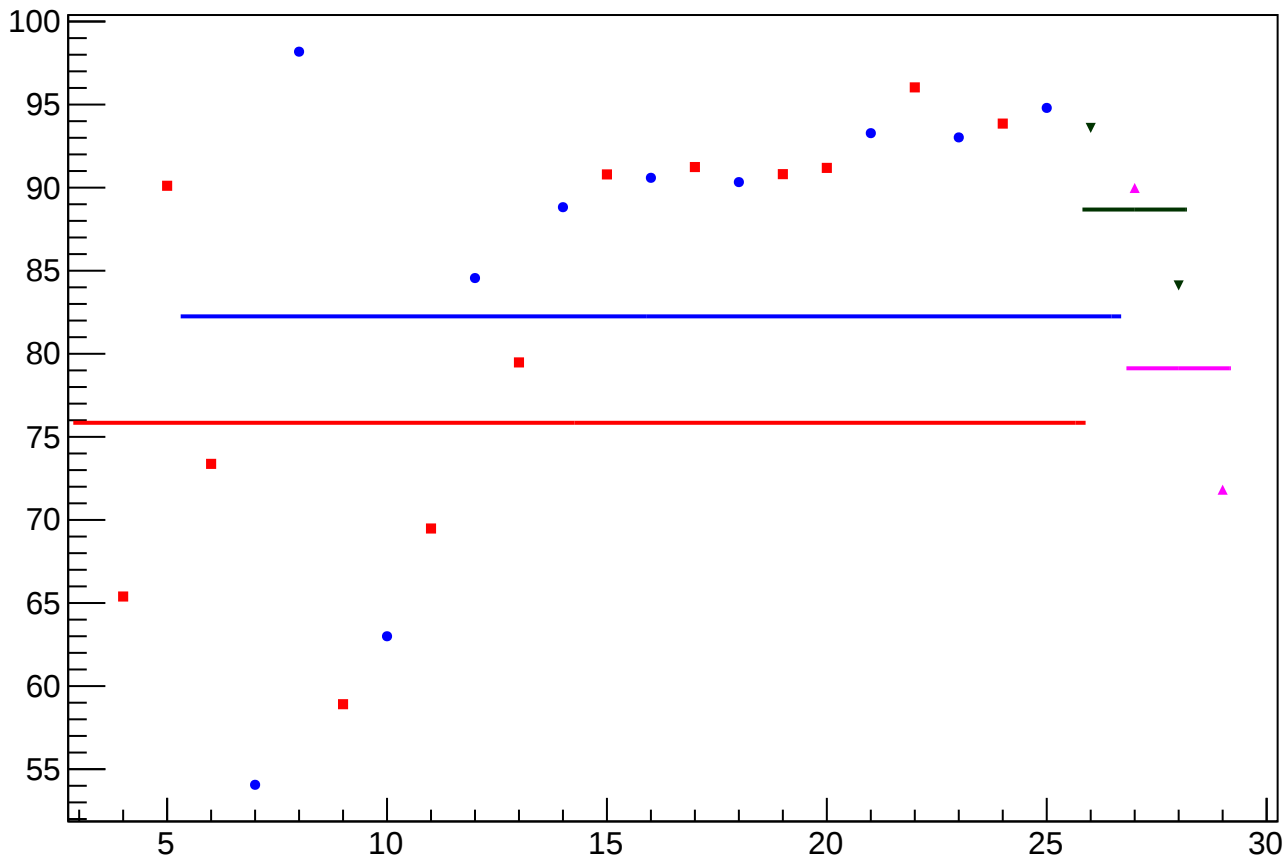
Right Out: 0.007 $\pm$ 0.000 χ^2/NDF : 6581.5/11

Left In: 0.007 $\pm$ 0.000 χ^2/NDF : 352.8/1

0.007 $\pm$ 0.000 χ^2/NDF : 2867.8/11

0.007 $\pm$ 0.000 χ^2/NDF : 10561.6/13

yield_bcm0l02_mean vs slug



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

Left Out: 88.682 ± 0.000 χ^2/NDF : 270787550.6/1

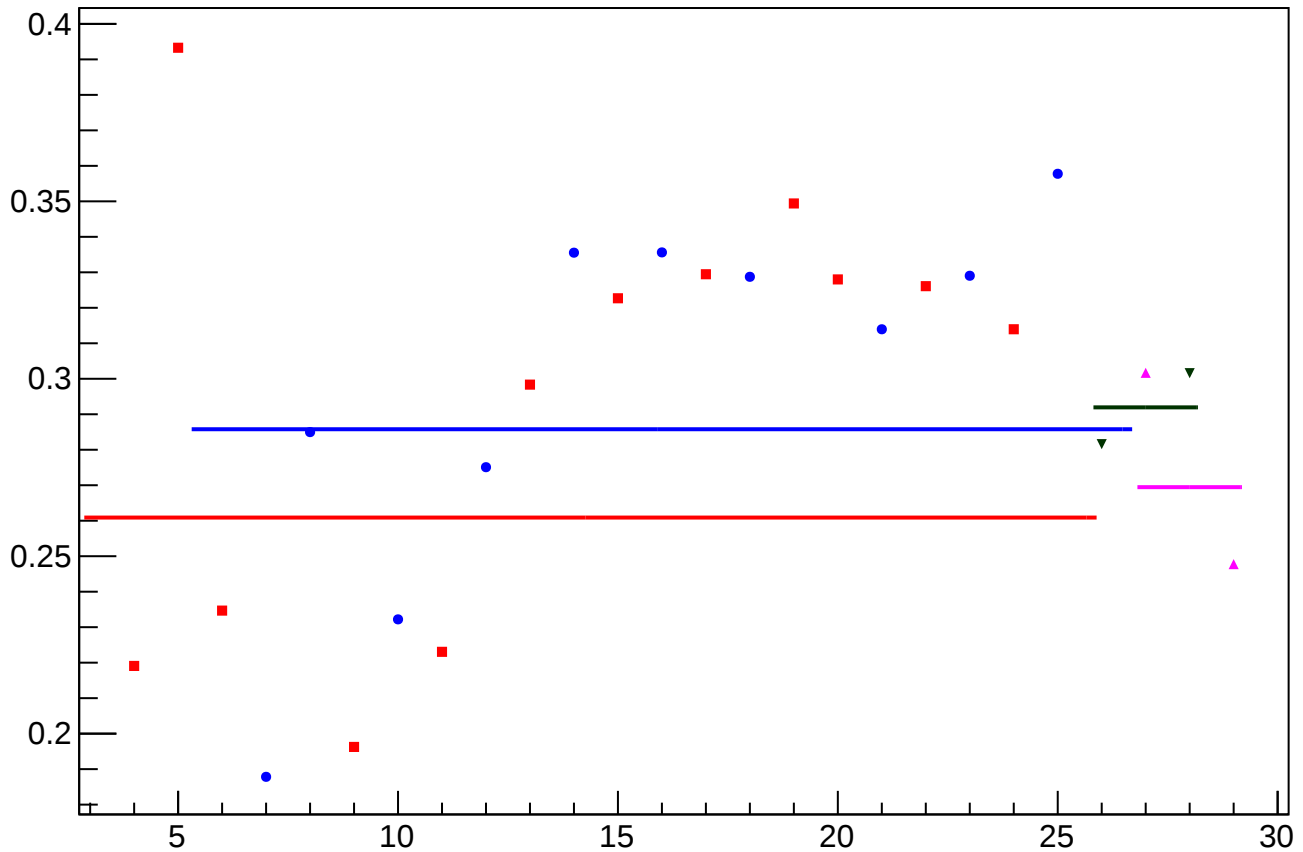
Right Out: 75.847 ± 0.000 χ^2/NDF : 13482783083.5/11

Left In: 79.127 ± 0.000 χ^2/NDF : 1688819529.3/1

83.210 ± 0.000 χ^2/NDF : 15958103280.8/11

76.544 ± 0.000 χ^2/NDF : 15352043211.5/13

yield_bcm0l02_rms vs slug



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

Left Out: 0.292+/-0.000 χ^2/NDF : 2410.5/1

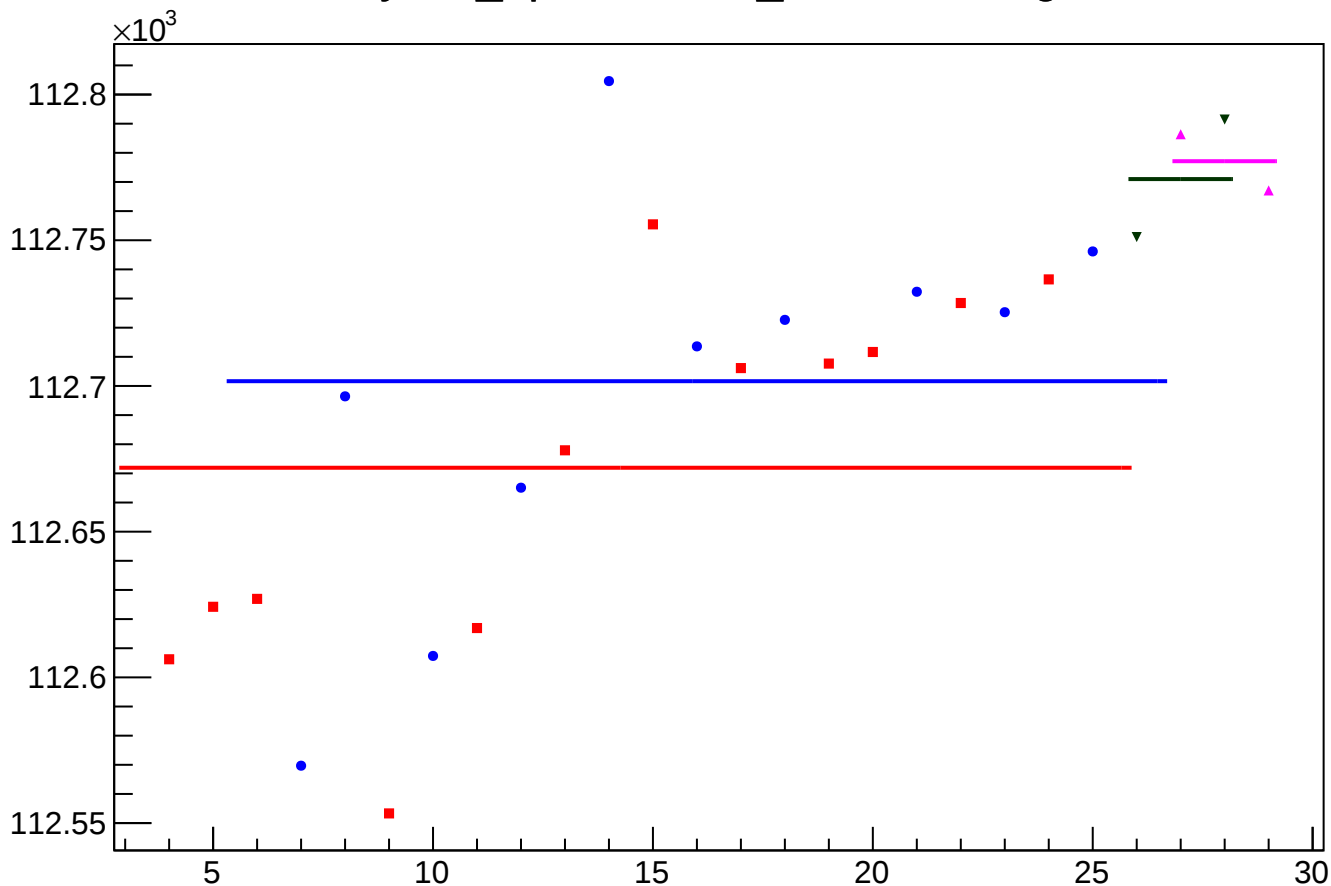
Right Out: 0.261+/-0.000 χ^2/NDF : 481520.7/11

Left In: 0.269+/-0.000 χ^2/NDF : 29774.0/1

0.287+/-0.000 χ^2/NDF : 347533.7/11

0.263+/-0.000 χ^2/NDF : 513756.8/13

yield_bpm2i01WS_mean vs slug



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

Left Out: 112770.991 $\pm$ 0.109 χ^2 /NDF: 34388.8/1

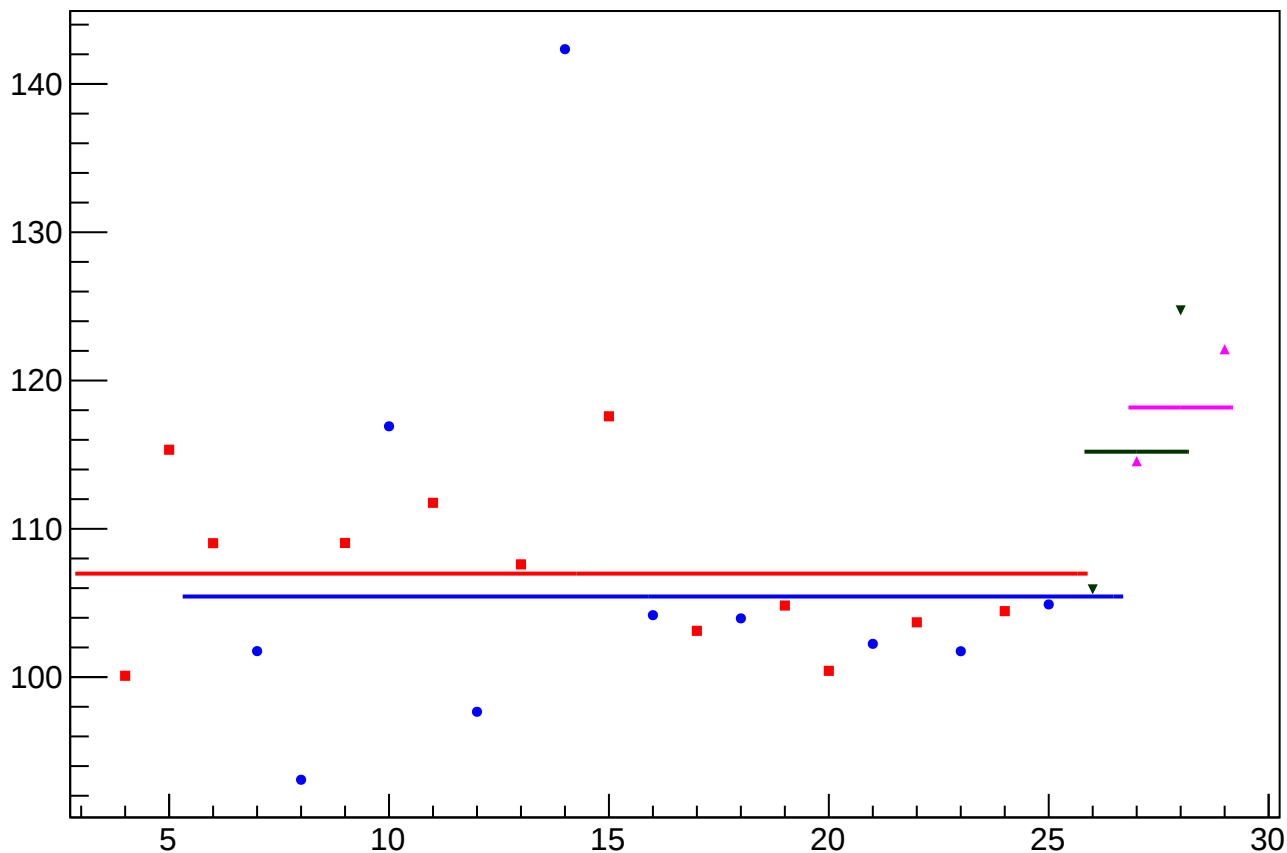
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 112777.124 $\pm$ 0.094 χ^2 /NDF: 10538.4/1

112710.819 $\pm$ 0.040 χ^2 /NDF: 2085844.5/11

112690.484 $\pm$ 0.039 χ^2 /NDF: 3066366.7/13

yield_bpm2i01WS_rms vs slug



Right In: 105.436+/-0.030 χ^2/NDF : 188338.4/9

Left Out: 115.202+/-0.077 χ^2/NDF :14971.8/1

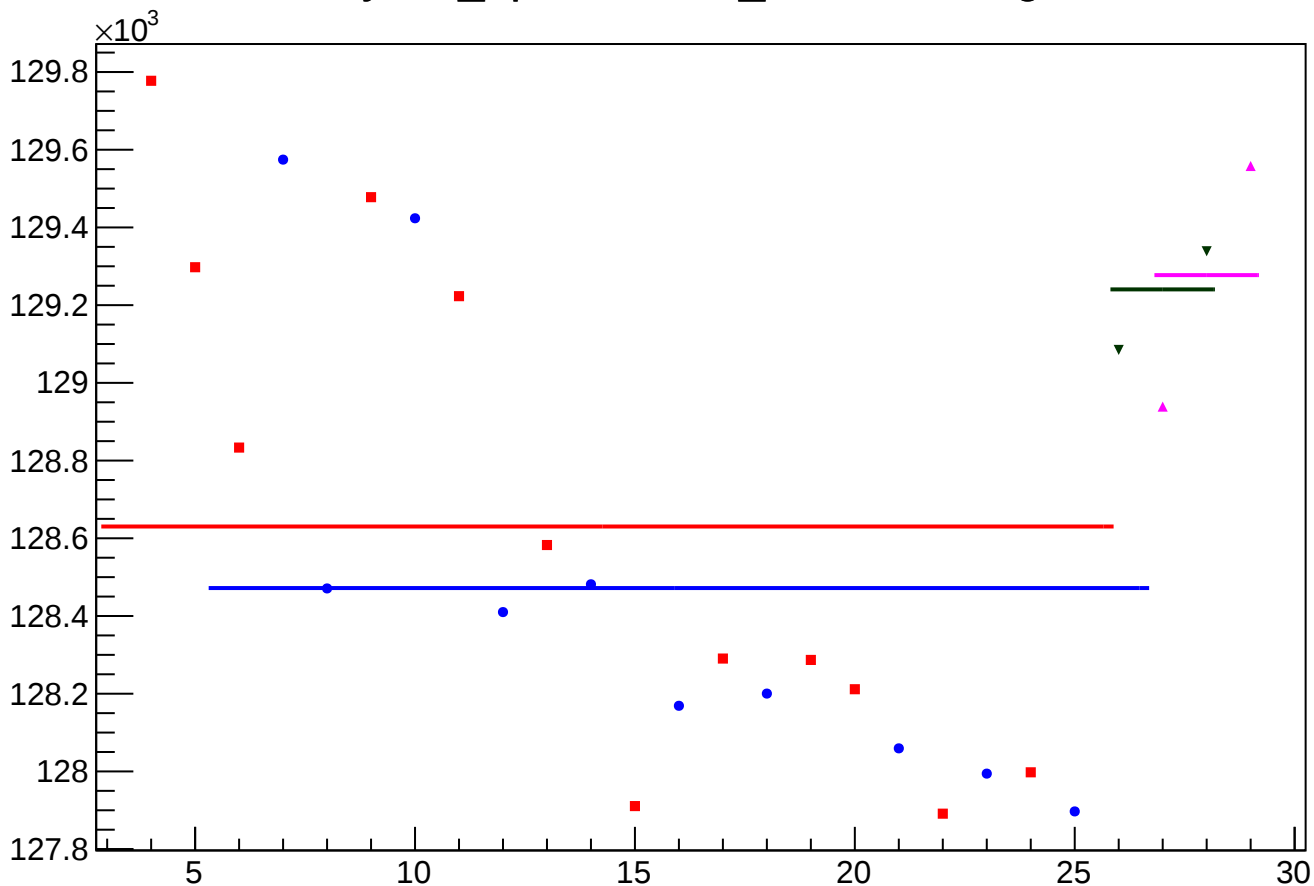
Right Out: 106.980+/-0.031 χ^2/NDF : 22698.2/11

Left In: 118.183+/-0.066 χ^2/NDF :3228.9/1

106.729+/-0.028 χ^2/NDF : 217311.6/11

108.955+/-0.028 χ^2/NDF : 49395.0/13

yield_bpm0i07WS_mean vs slug



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

Left Out: 129240.545 $\pm$ 0.199 χ^2 /NDF: 384571.2/1

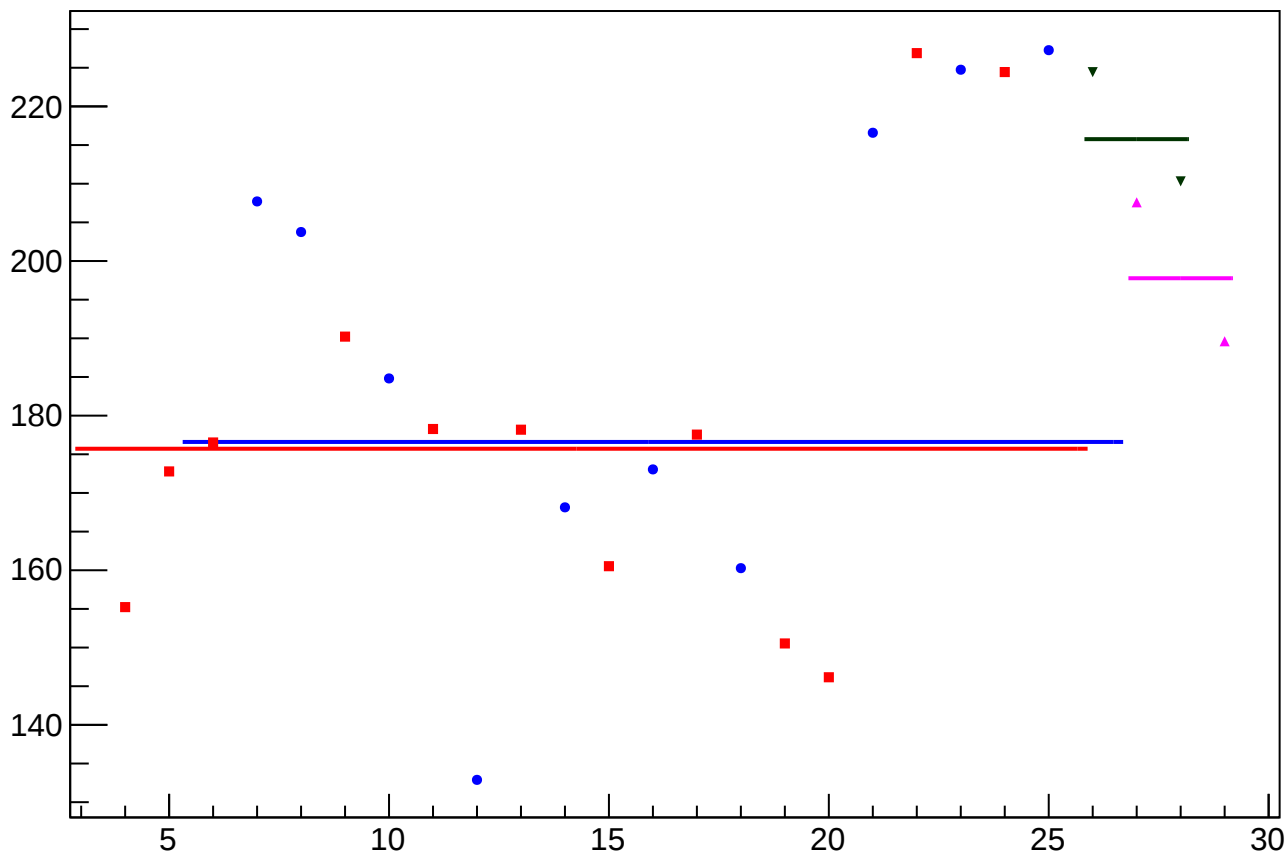
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

Left In: 129277.303 $\pm$ 0.152 χ^2 /NDF: 4104784.4/1

128558.104 $\pm$ 0.067 χ^2 /NDF: 52887258.6/11

128746.185 $\pm$ 0.064 χ^2 /NDF: 88922793.2/13

yield_bpm0i07WS_rms vs slug



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

Left Out: 215.765 ± 0.141 χ^2/NDF : 2380.2/1

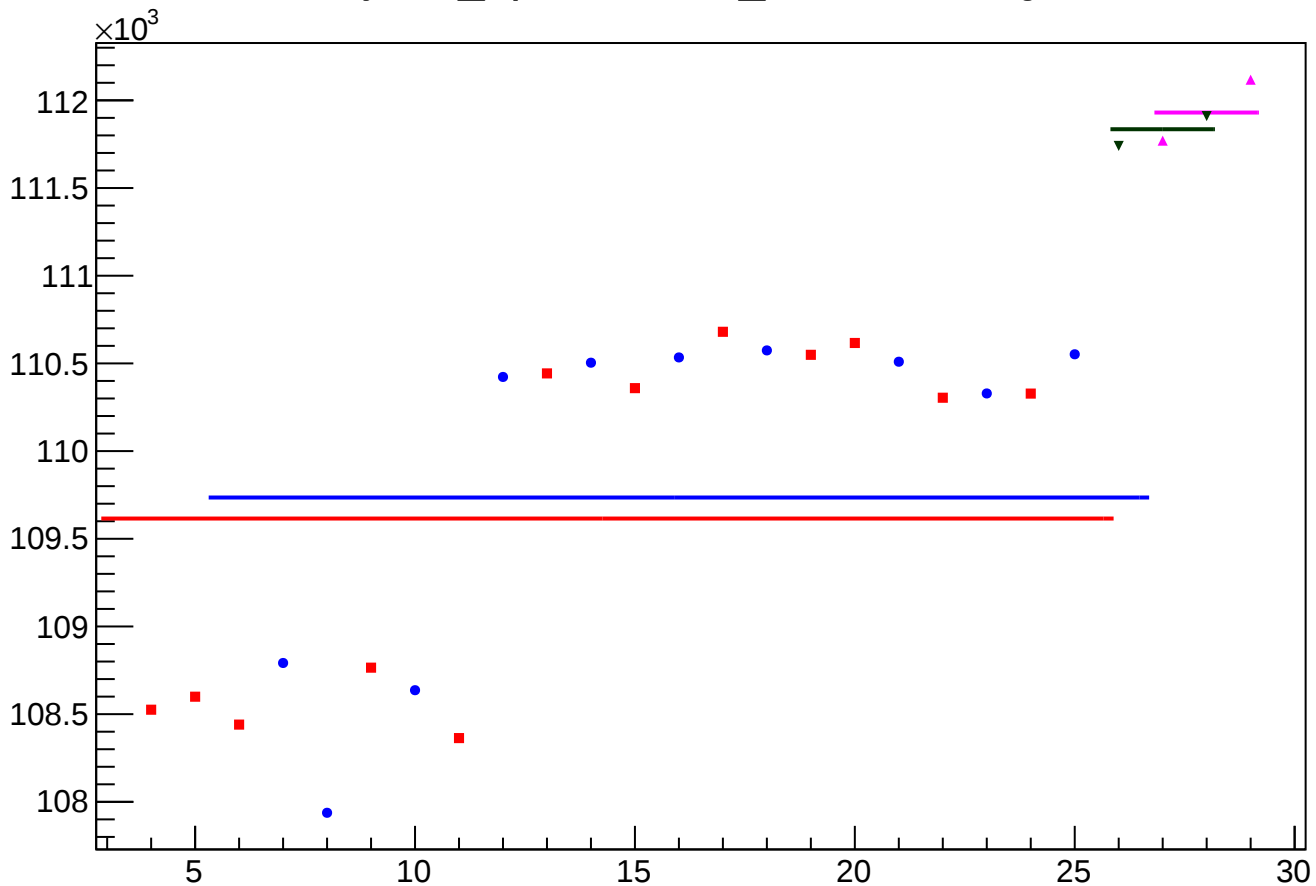
Right Out: 175.718 ± 0.050 χ^2/NDF : 188443.6/11

Left In: 197.773 ± 0.108 χ^2/NDF : 6917.1/1

180.989 ± 0.047 χ^2/NDF : 387437.7/11

179.668 ± 0.046 χ^2/NDF : 229851.4/13

yield_bpm0l01WS_mean vs slug



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

Left Out: 111835.238 $\pm$ 0.103 χ^2 /NDF: 675040.9/1

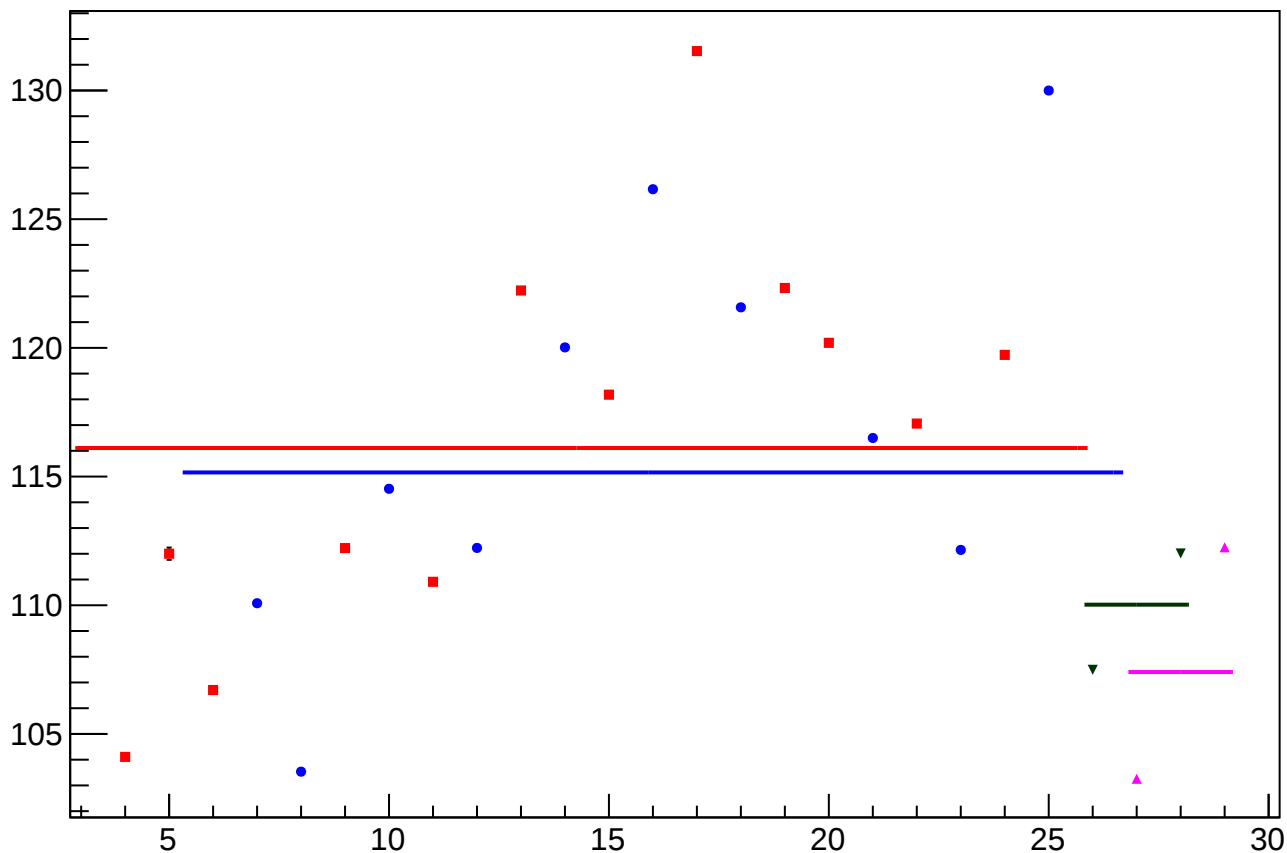
110082.026 $\pm$ 0.042 χ^2 /NDF: 886364495.8/11

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

110175.049 $\pm$ 0.041 χ^2 /NDF: 1016683374.8/13

Left In: 111930.398 $\pm$ 0.083 χ^2 /NDF: 4379865.0/1

yield_bpm0l01WS_rms vs slug



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

Left Out: 110.022 $\pm$ 0.073 χ^2 /NDF:953.9/1

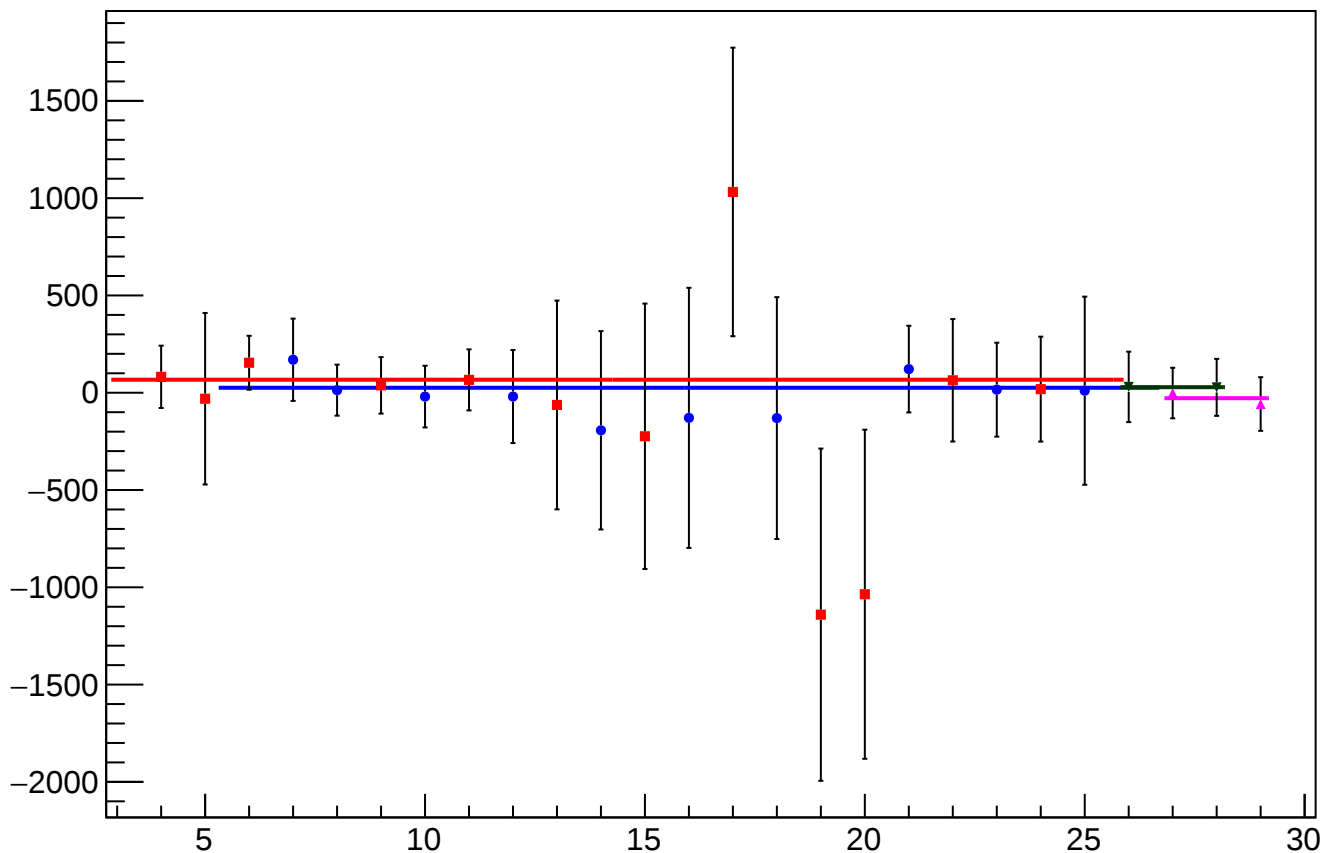
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

Left In: 107.406 $\pm$ 0.059 χ^2 /NDF:5866.6/1

114.312 $\pm$ 0.030 χ^2 /NDF: 53236.2/11

114.005 $\pm$ 0.029 χ^2 /NDF: 66710.8/13

asym_bcm_an_ds_mean vs slug



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

Left Out: 28.579+/-113.864 χ^2/NDF : 0.0/1

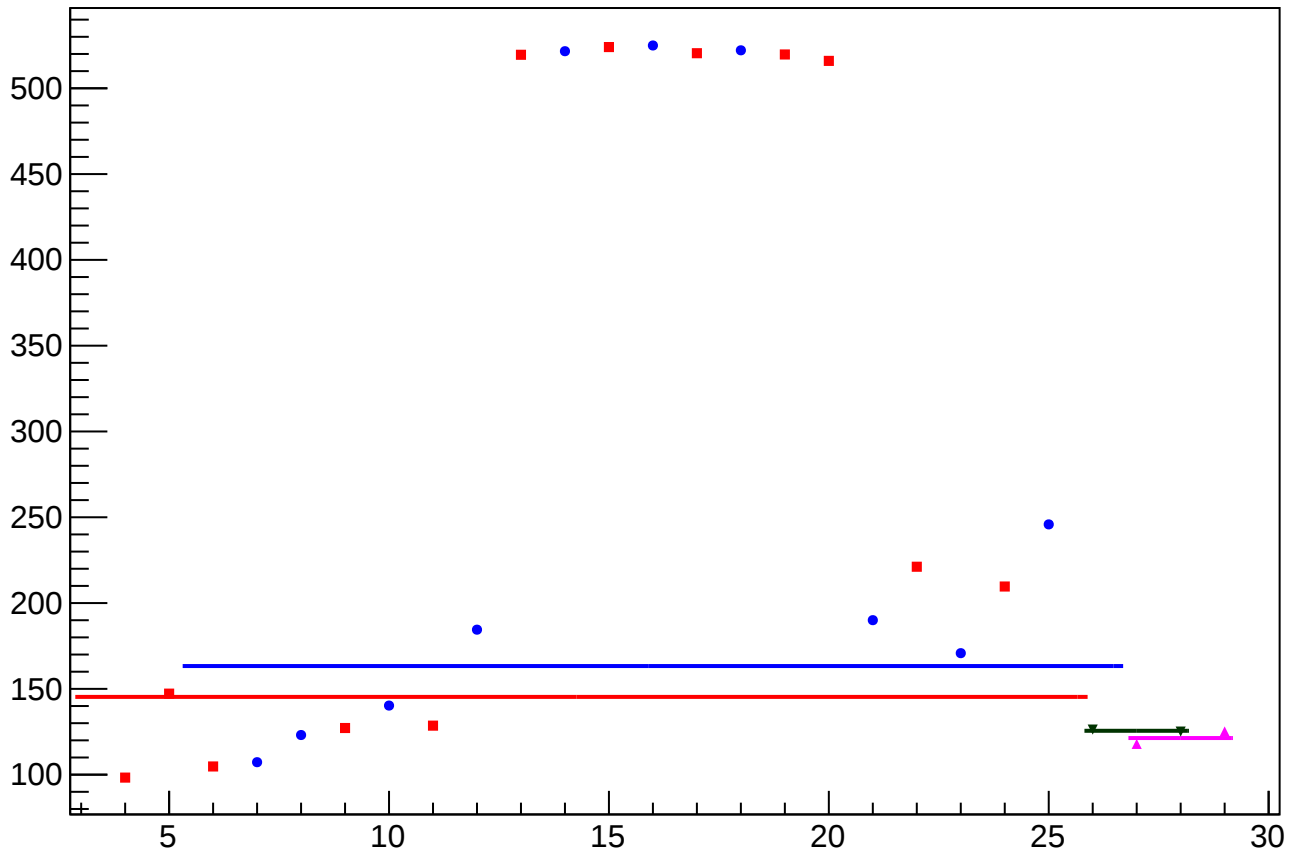
Right Out: 66.920+/-67.669 χ^2/NDF : 6.2/11

Left In: -28.094+/-94.562 χ^2/NDF : 0.1/1

26.481+/-61.395 χ^2/NDF : 1.1/11

34.743+/-55.030 χ^2/NDF : 6.9/13

asym_bcm_an_ds_rms vs slug



Right In: 163.298 $\pm$ 0.052 χ^2 /NDF: 2716025.4/9

Left Out: 125.567 $\pm$ 0.081 χ^2 /NDF: 50.8/1

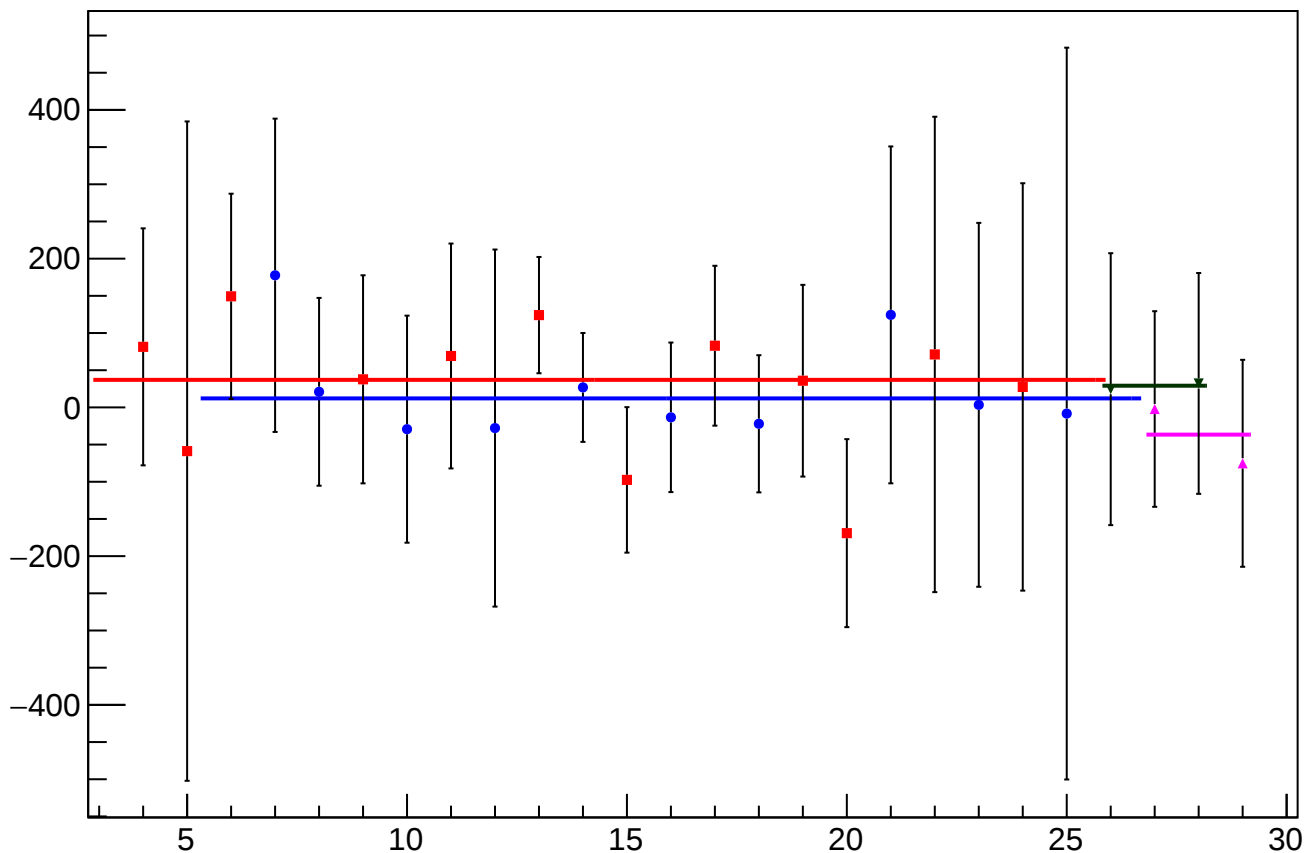
152.328 $\pm$ 0.043 χ^2 /NDF: 2871841.7/11

Right Out: 145.320 $\pm$ 0.048 χ^2 /NDF: 3498392.4/11

137.199 $\pm$ 0.039 χ^2 /NDF: 3586373.9/13

Left In: 121.341 $\pm$ 0.067 χ^2 /NDF: 2932.4/1

asym_bcm_an_ds3_mean vs slug



Right In: 12.098+/-41.208 χ^2/NDF : 1.2/9

Left Out: 29.163+/-115.249 χ^2/NDF : 0.0/1

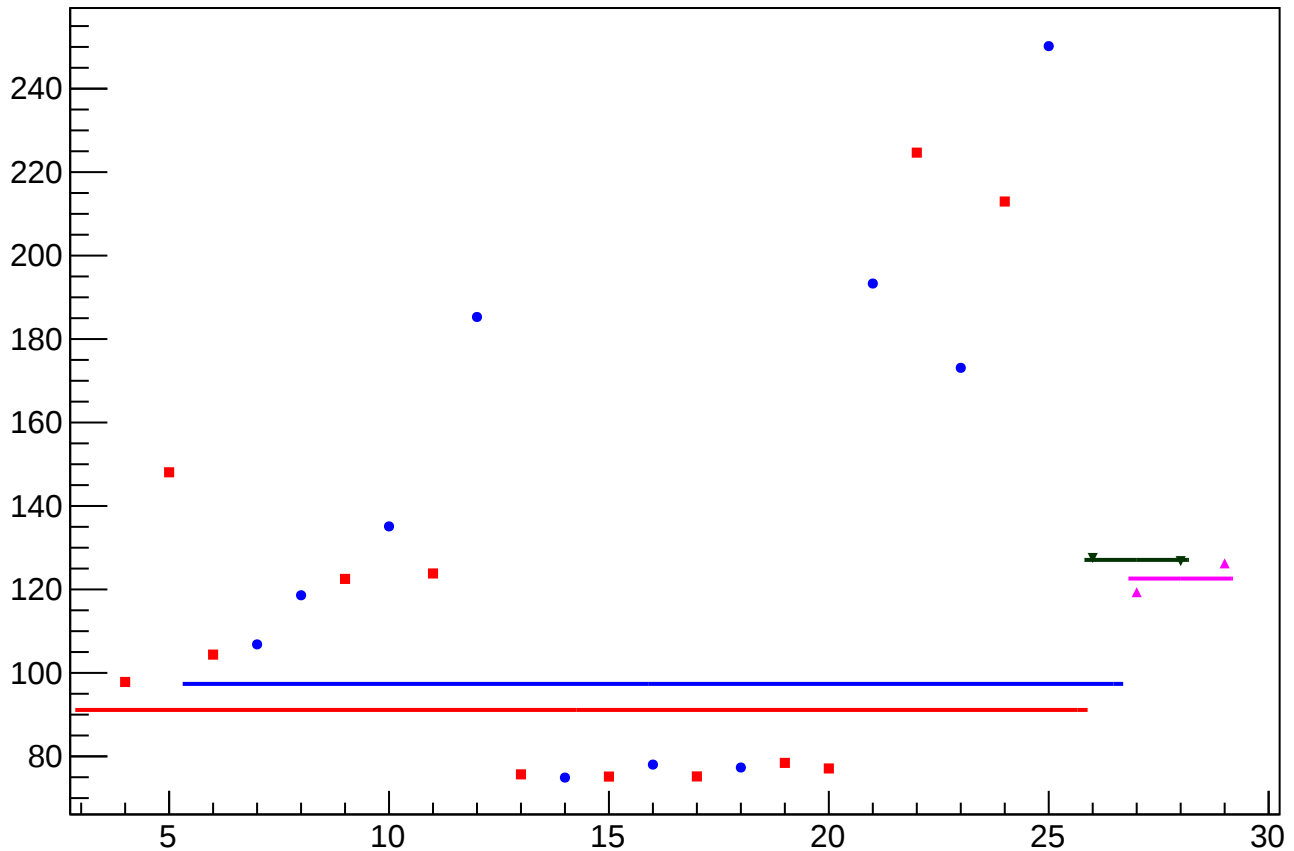
Right Out: 37.031+/-38.001 χ^2/NDF : 6.8/11

Left In: -36.616+/-95.580 χ^2/NDF : 0.1/1

14.032+/-38.802 χ^2/NDF : 1.2/11

26.978+/-35.313 χ^2/NDF : 7.5/13

asym_bcm_an_ds3_rms vs slug



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

Left Out: 127.080+/-0.081 χ^2/NDF : 20.7/1

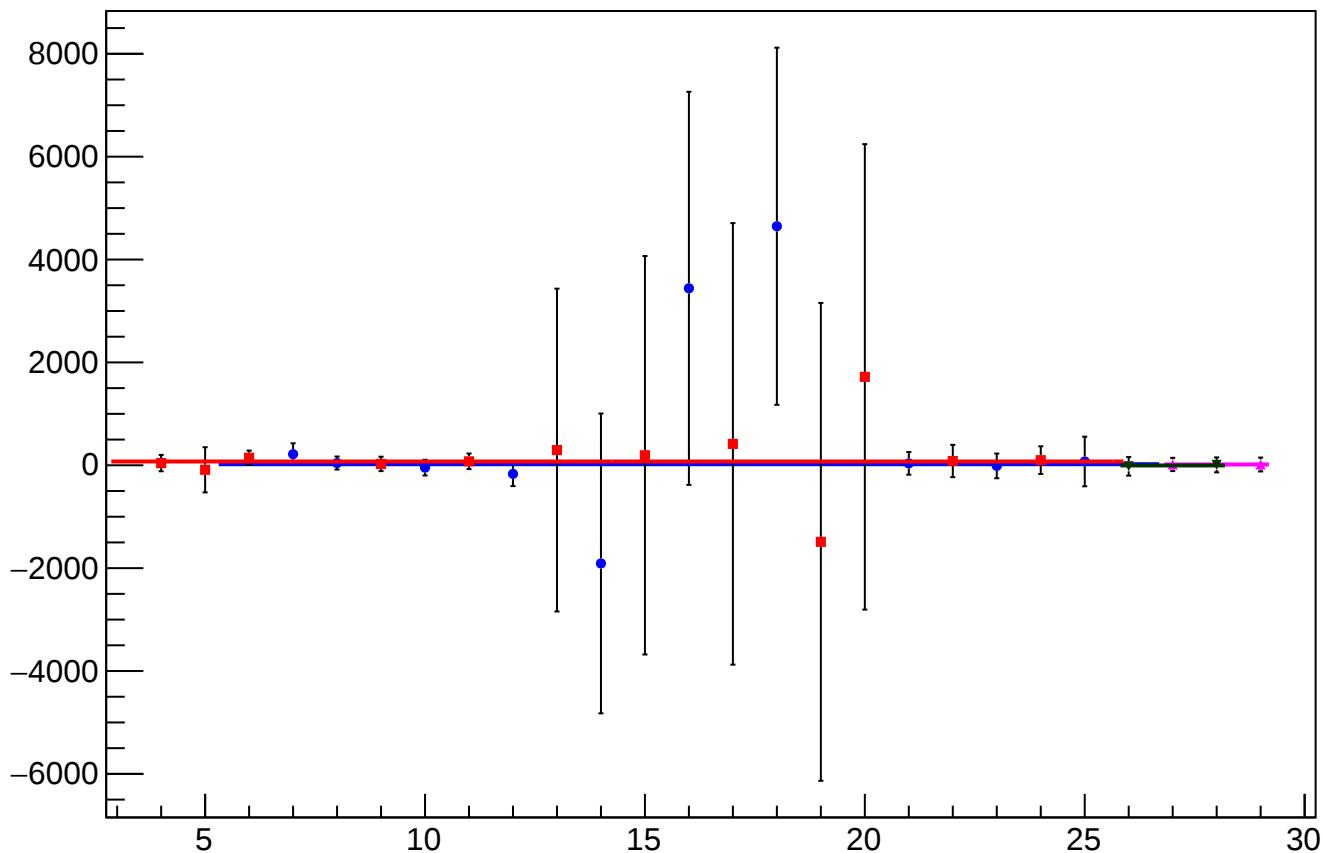
100.734+/-0.027 χ^2/NDF : 1668949.1/11

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

95.423+/-0.025 χ^2/NDF : 1403483.5/13

Left In: 122.607+/-0.068 χ^2/NDF : 2603.7/1

asym_bcm_an_us_mean vs slug



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

Left Out: -3.167+/-113.510 χ^2/NDF : 0.0/1

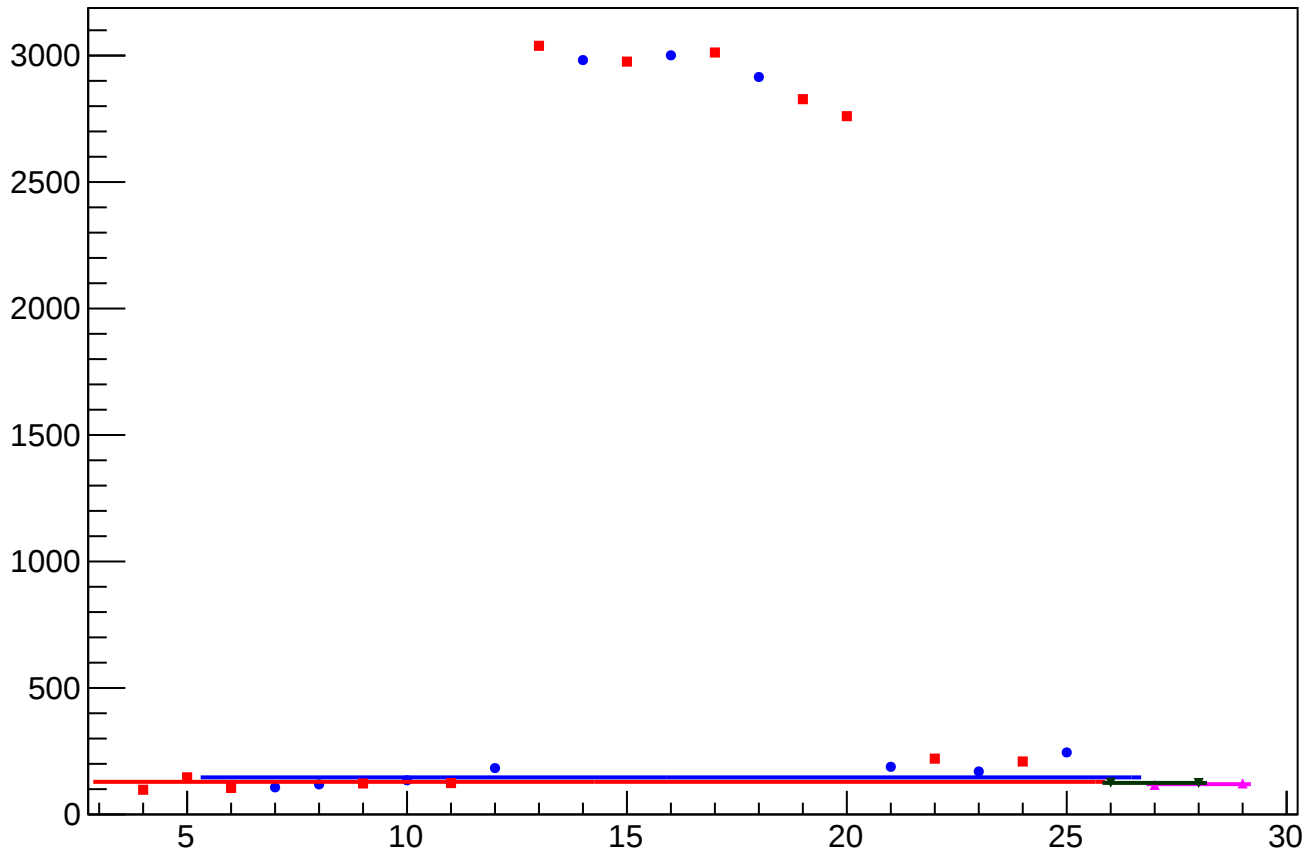
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 15.663+/-93.331 χ^2/NDF : 0.0/1

13.880+/-61.377 χ^2/NDF : 4.8/11

53.570+/-55.012 χ^2/NDF : 1.1/13

asym_bcm_an_us_rms vs slug



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

Left Out: 124.718 $\pm$ 0.080 χ^2 /NDF: 64.2/1

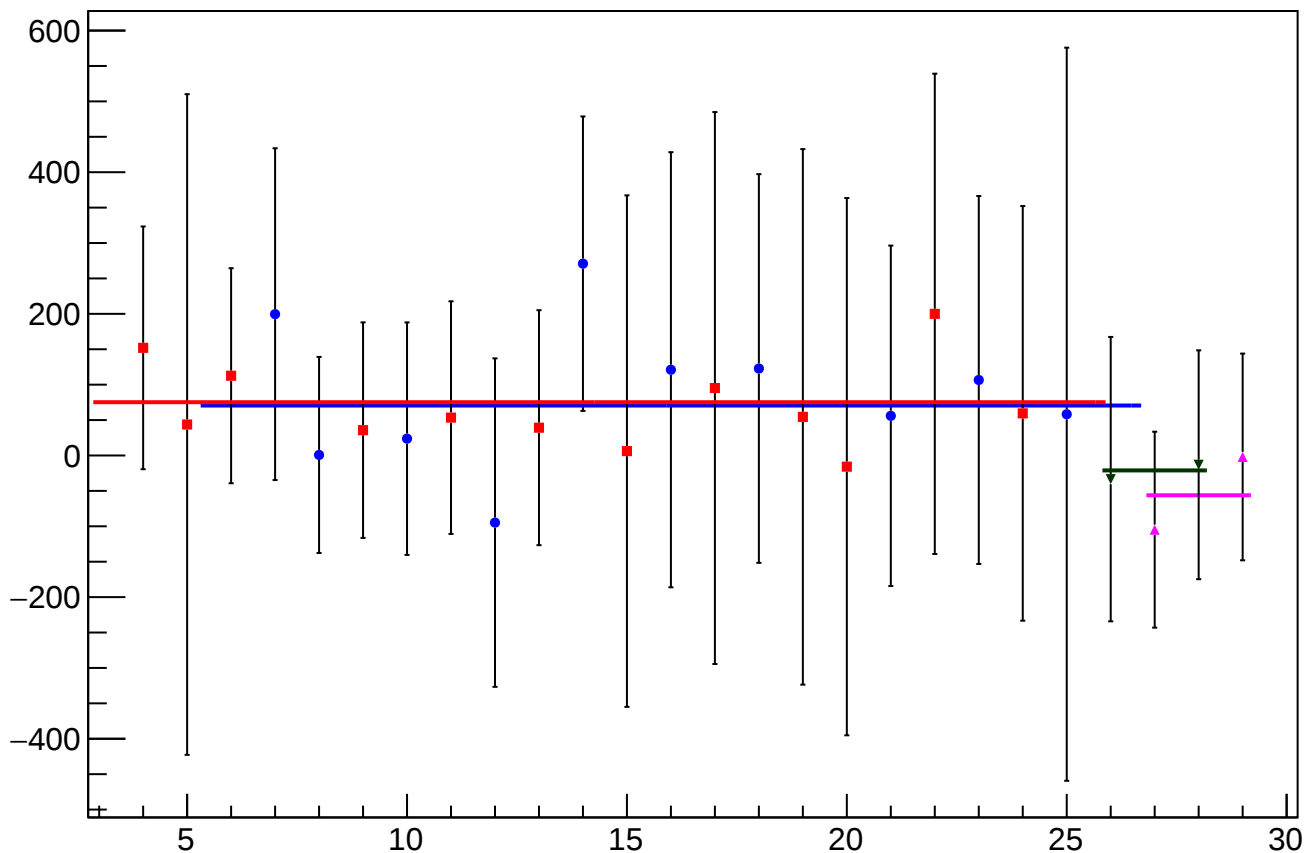
140.183 $\pm$ 0.043 χ^2 /NDF: 4731527.4/11

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

125.740 $\pm$ 0.039 χ^2 /NDF: 5564554.6/13

Left In: 119.708 $\pm$ 0.066 χ^2 /NDF: 1940.9/1

asym_bcm_dg_us_mean vs slug



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

Left Out: -21.088+/-125.881 χ^2/NDF : 0.0/1

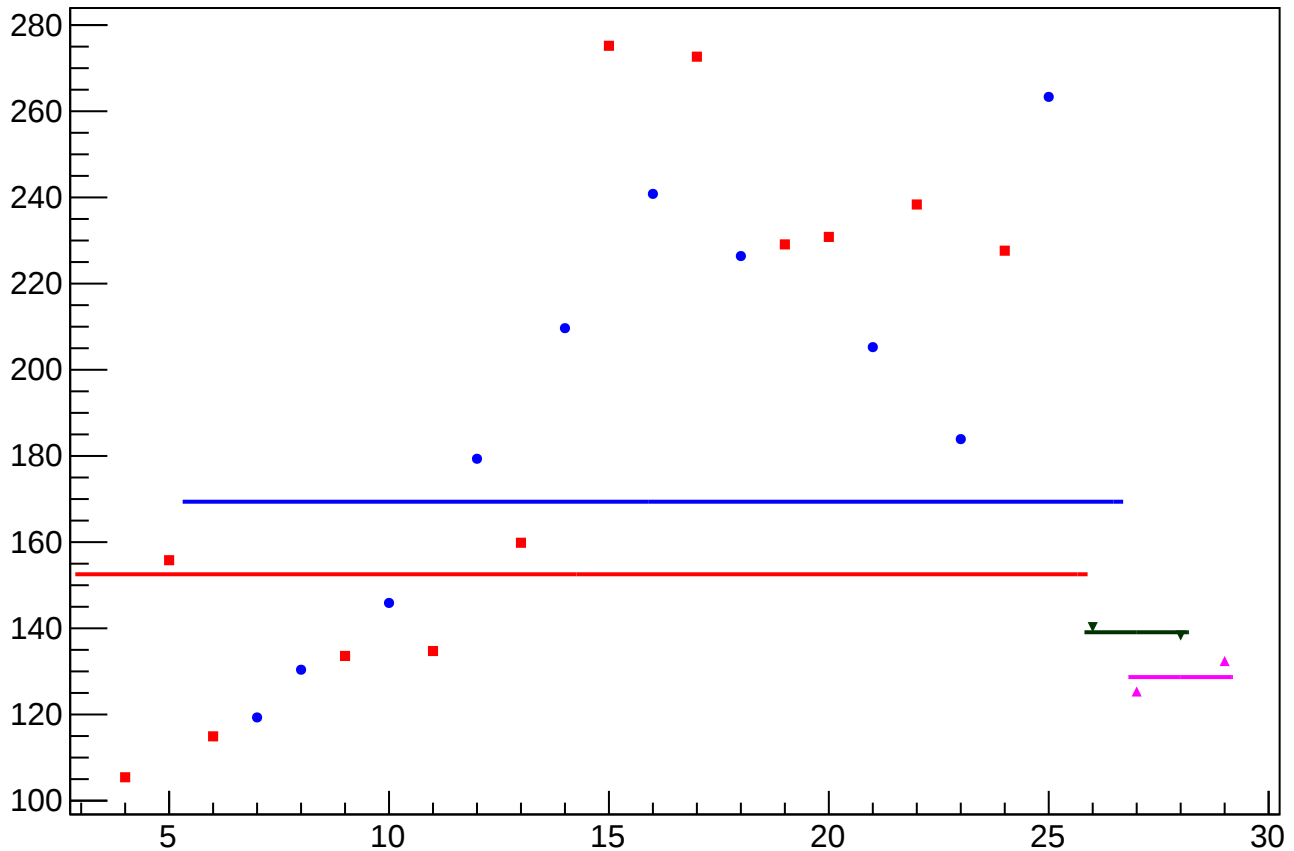
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

Left In: -56.174+/-100.402 χ^2/NDF : 0.3/1

49.289+/-60.627 χ^2/NDF : 2.6/11

37.591+/-53.732 χ^2/NDF : 2.1/13

asym_bcm_dg_us_rms vs slug



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

Left Out: 139.086 ± 0.089 χ^2/NDF : 115.8/1

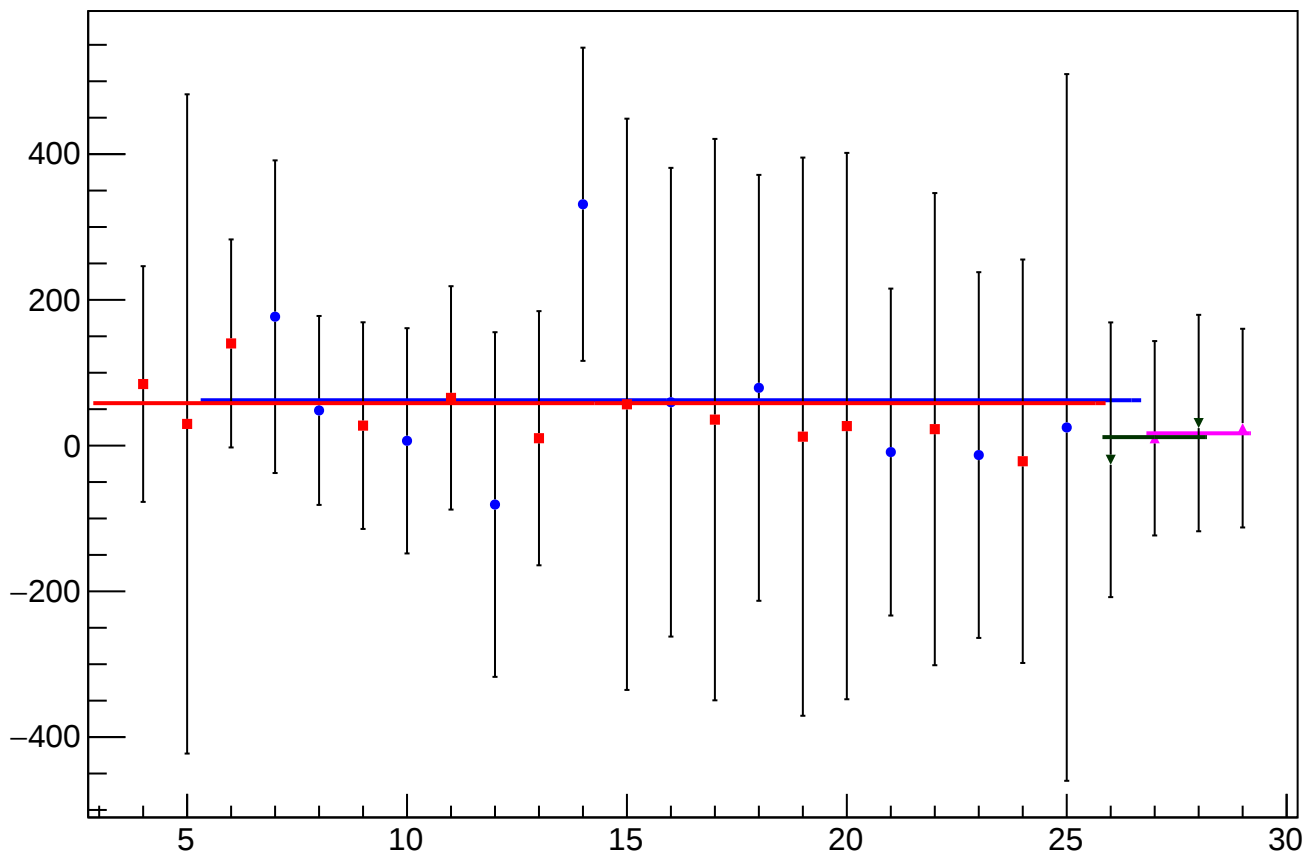
Right Out: 152.541 ± 0.045 χ^2/NDF : 1180030.6/11

Left In: 128.685 ± 0.071 χ^2/NDF : 2470.3/1

162.355 ± 0.043 χ^2/NDF : 769967.0/11

145.709 ± 0.038 χ^2/NDF : 1263075.1/13

asym_bcm_dg_ds_mean vs slug



Right In: 62.253 $\pm$ 66.815 χ^2/NDF : 2.6/9

Left Out: 11.655 $\pm$ 116.656 χ^2/NDF : 0.0/1

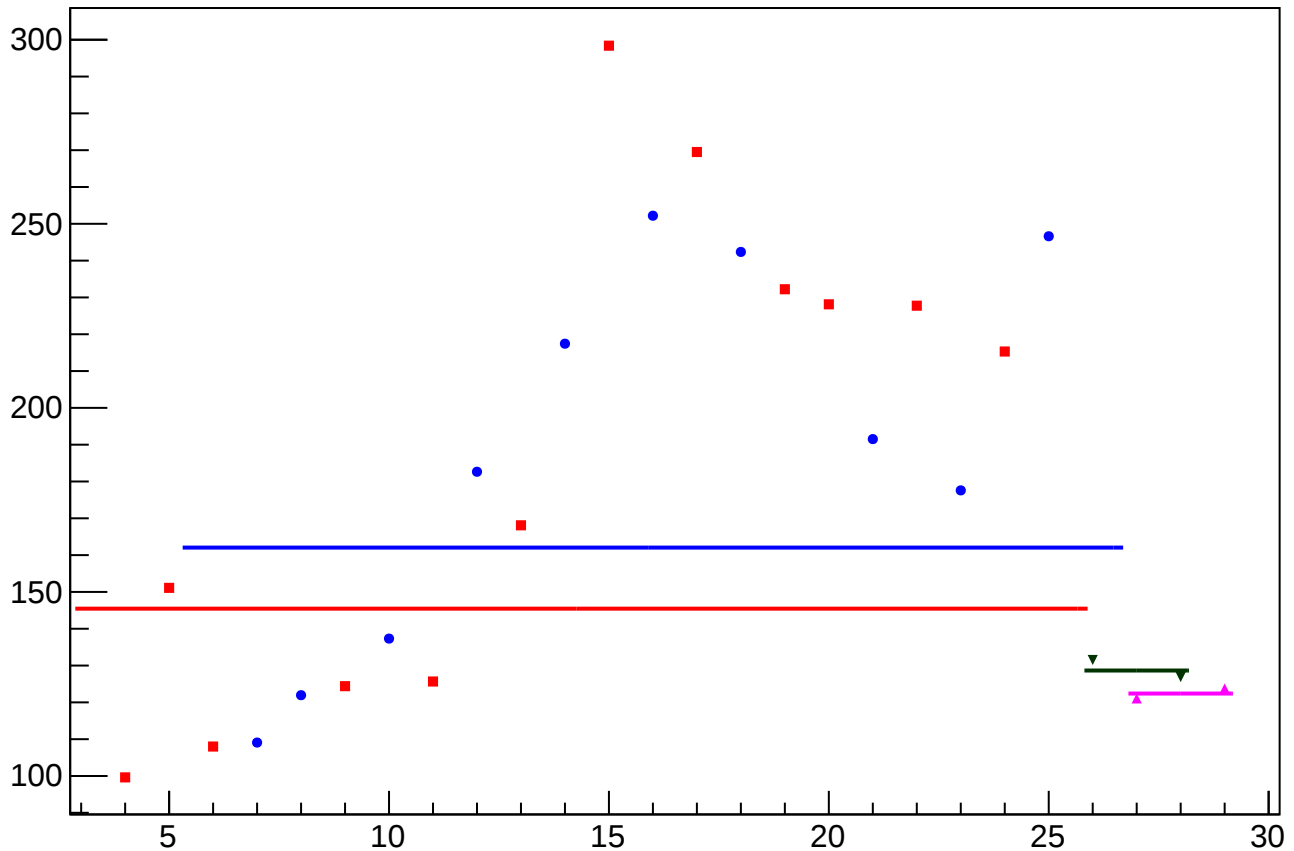
Right Out: 58.253 $\pm$ 61.187 χ^2/NDF : 0.6/11

Left In: 16.885 $\pm$ 95.341 χ^2/NDF : 0.0/1

49.755 $\pm$ 57.979 χ^2/NDF : 2.7/11

46.185 $\pm$ 51.495 χ^2/NDF : 0.7/13

asym_bcm_dg_ds_rms vs slug



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

Left Out: 128.654+/-0.082 χ^2/NDF : 746.7/1

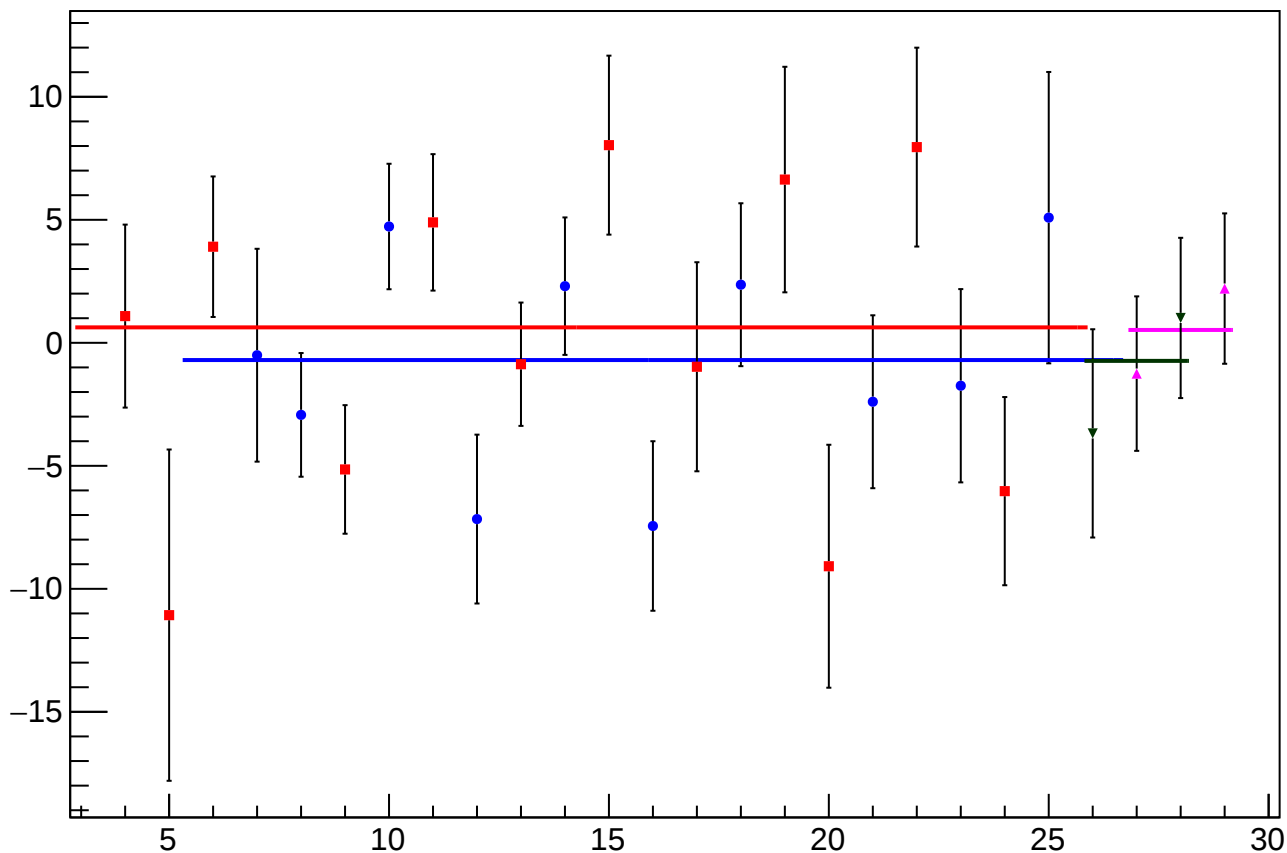
153.799+/-0.041 χ^2/NDF : 1047784.0/11

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

138.728+/-0.036 χ^2/NDF : 1461055.4/13

Left In: 122.398+/-0.067 χ^2/NDF : 403.6/1

asym_cav4bQ_mean vs slug



Right In: -0.701 ± 1.038 χ^2/NDF : 16.0/9

Left Out: -0.734 ± 2.581 χ^2/NDF : 0.8/1

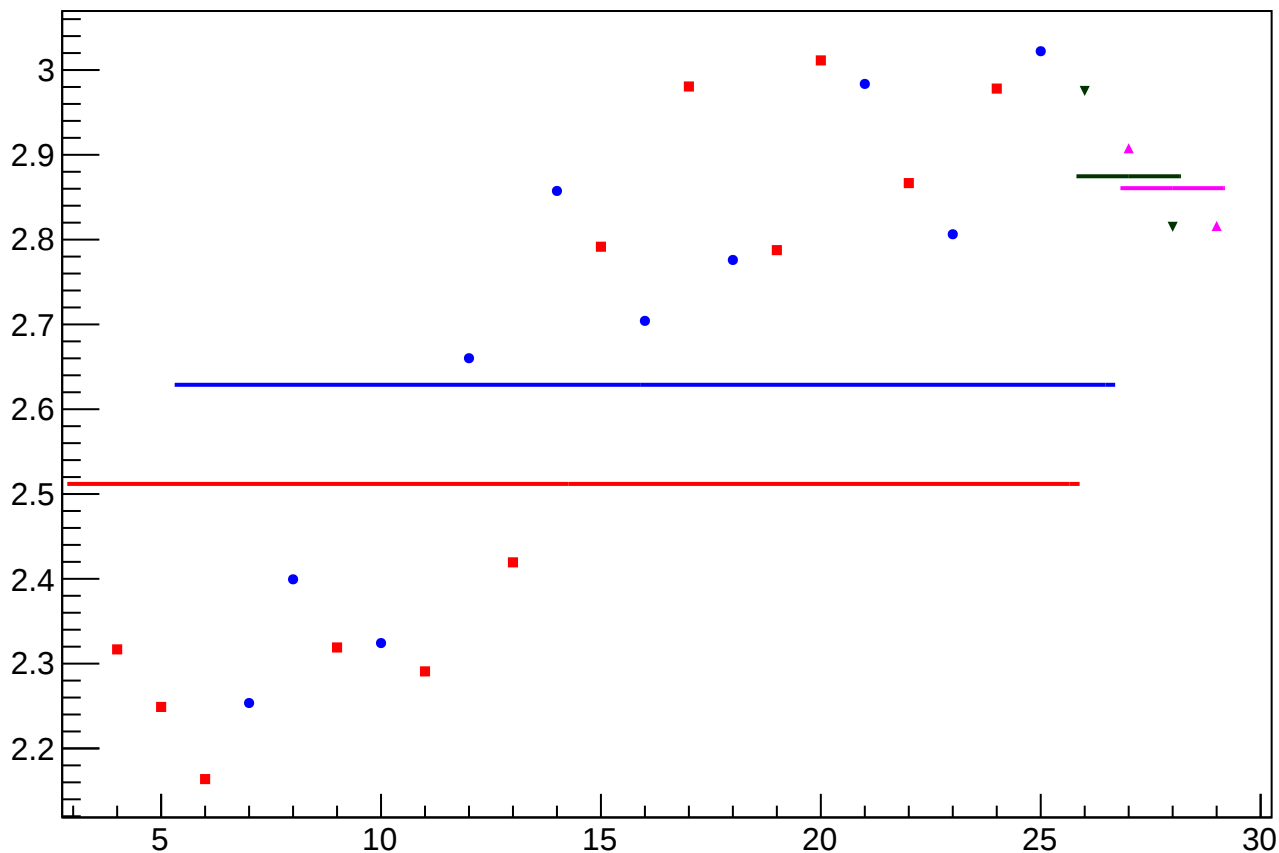
Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

Left In: 0.523 ± 2.190 χ^2/NDF : 0.6/1

-0.705 ± 0.963 χ^2/NDF : 16.7/11

0.610 ± 0.909 χ^2/NDF : 28.8/13

asym_cav4bQ_rms vs slug



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

Left Out: 2.875 $\pm$ 0.002 χ^2/NDF :1799.2/1

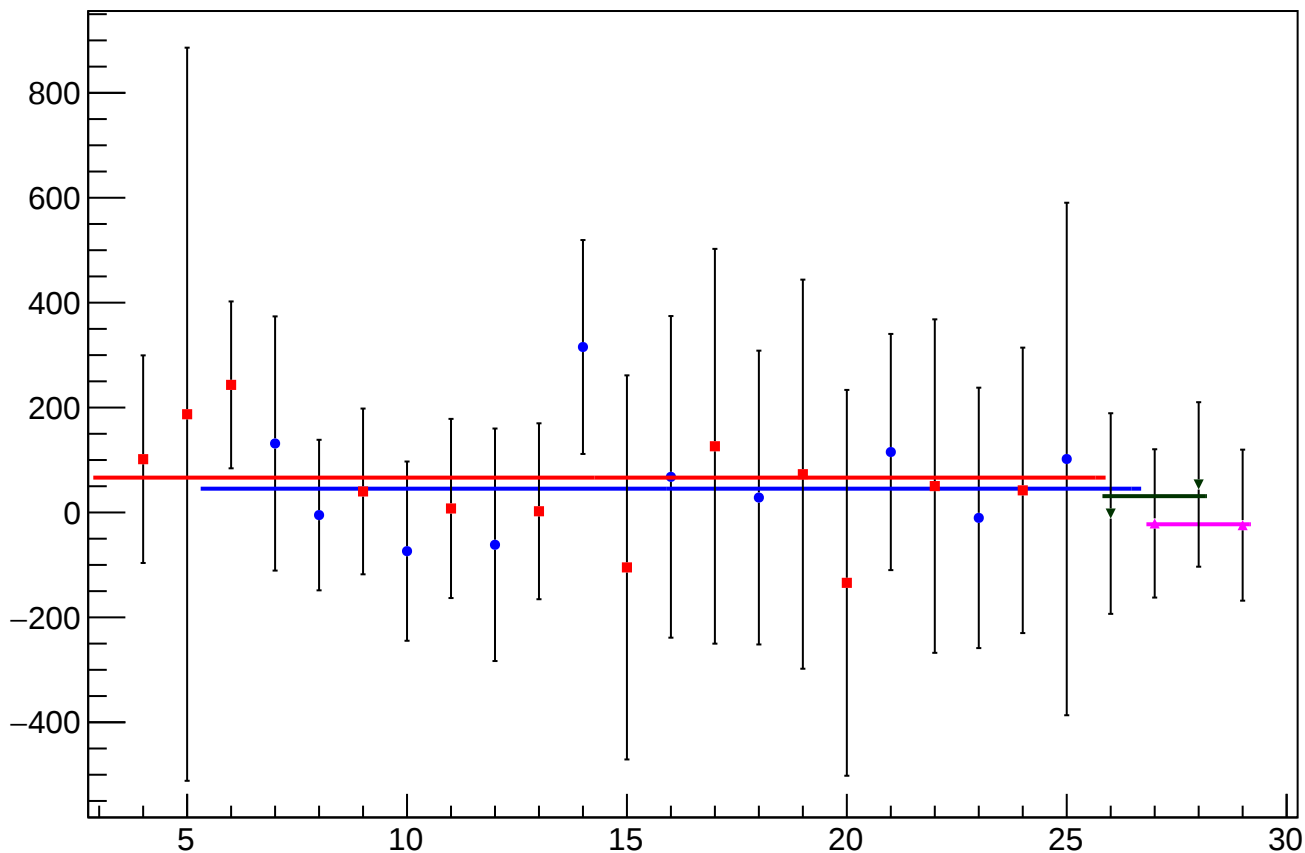
Right Out: 2.512 $\pm$ 0.001 χ^2/NDF : 173540.5/11

Left In: 2.861 $\pm$ 0.002 χ^2/NDF :874.9/1

2.663 $\pm$ 0.001 χ^2/NDF : 129400.6/11

2.572 $\pm$ 0.001 χ^2/NDF : 216399.5/13

asym_cav4cQ_mean vs slug



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

Left Out: 31.106+/-121.264 χ^2/NDF : 0.1/1

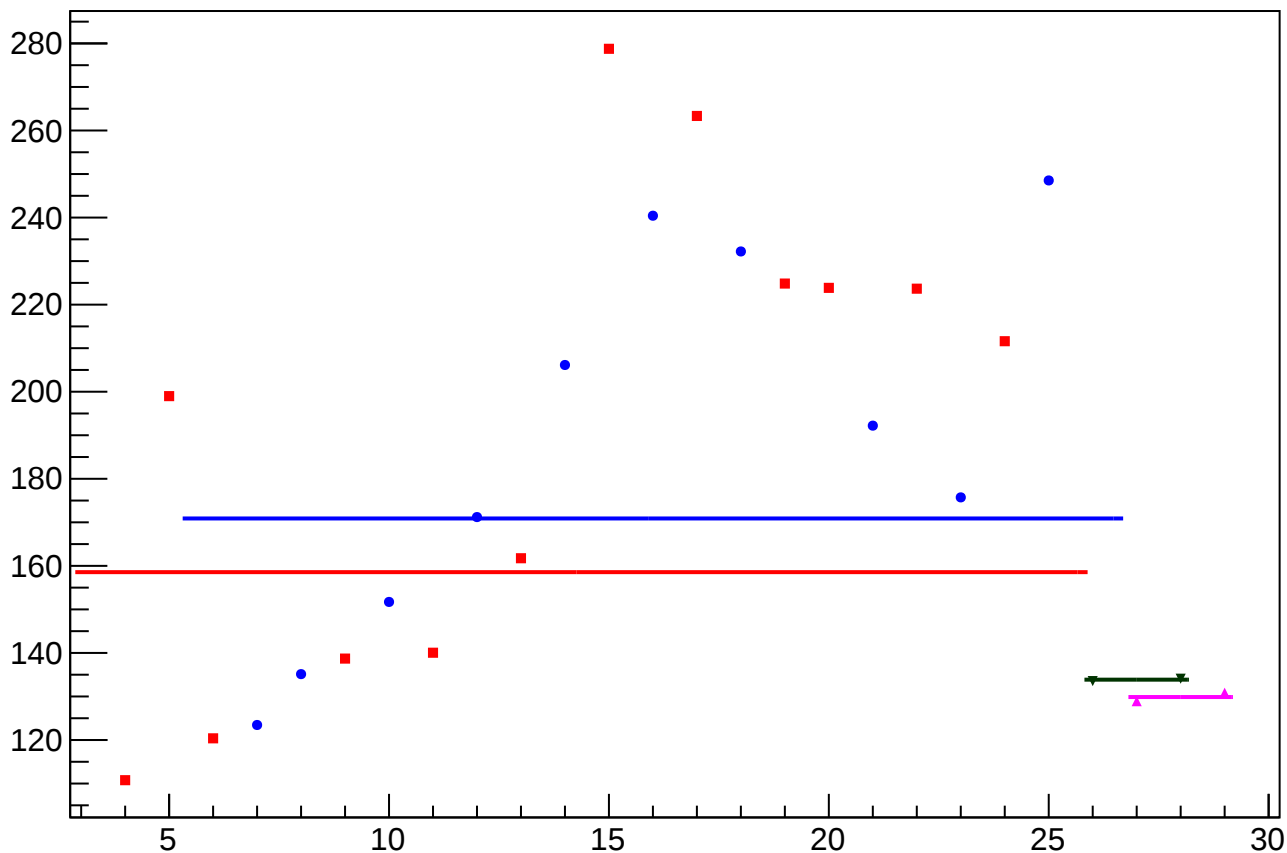
Right Out: 66.444+/-65.999 χ^2/NDF : 2.1/11

Left In: -22.508+/-100.875 χ^2/NDF : 0.0/1

41.838+/-60.216 χ^2/NDF : 3.0/11

39.781+/-55.228 χ^2/NDF : 2.7/13

asym_cav4cQ_rms vs slug



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

Left Out: 133.861+/-0.086 χ^2/NDF : 9.8/1

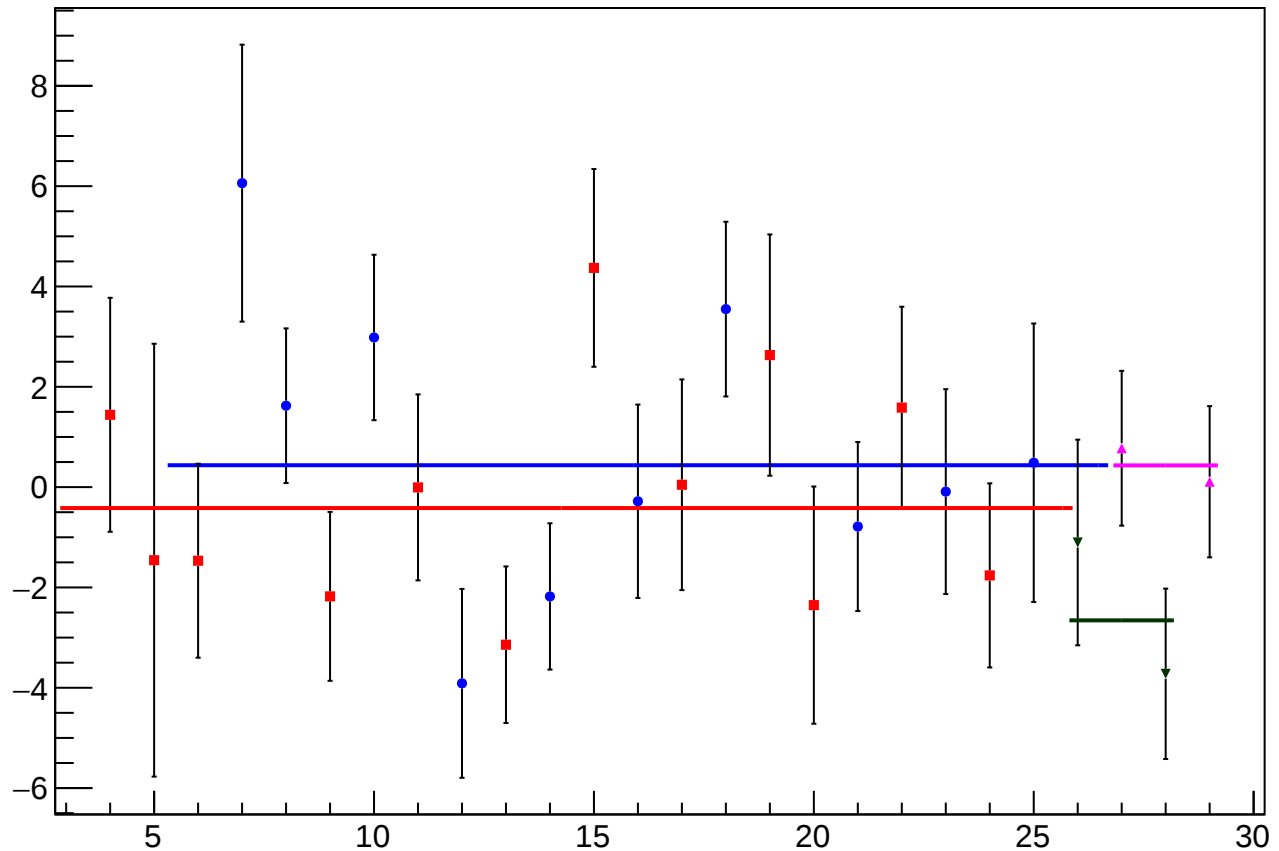
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 129.871+/-0.071 χ^2/NDF : 185.7/1

161.756+/-0.043 χ^2/NDF : 694221.1/11

149.958+/-0.039 χ^2/NDF : 1065112.7/13

asym_cav4dQ_mean vs slug



Right In: 0.437 ± 0.578 χ^2/NDF : 19.6/9

Left Out: -2.656 ± 1.308 χ^2/NDF : 1.0/1

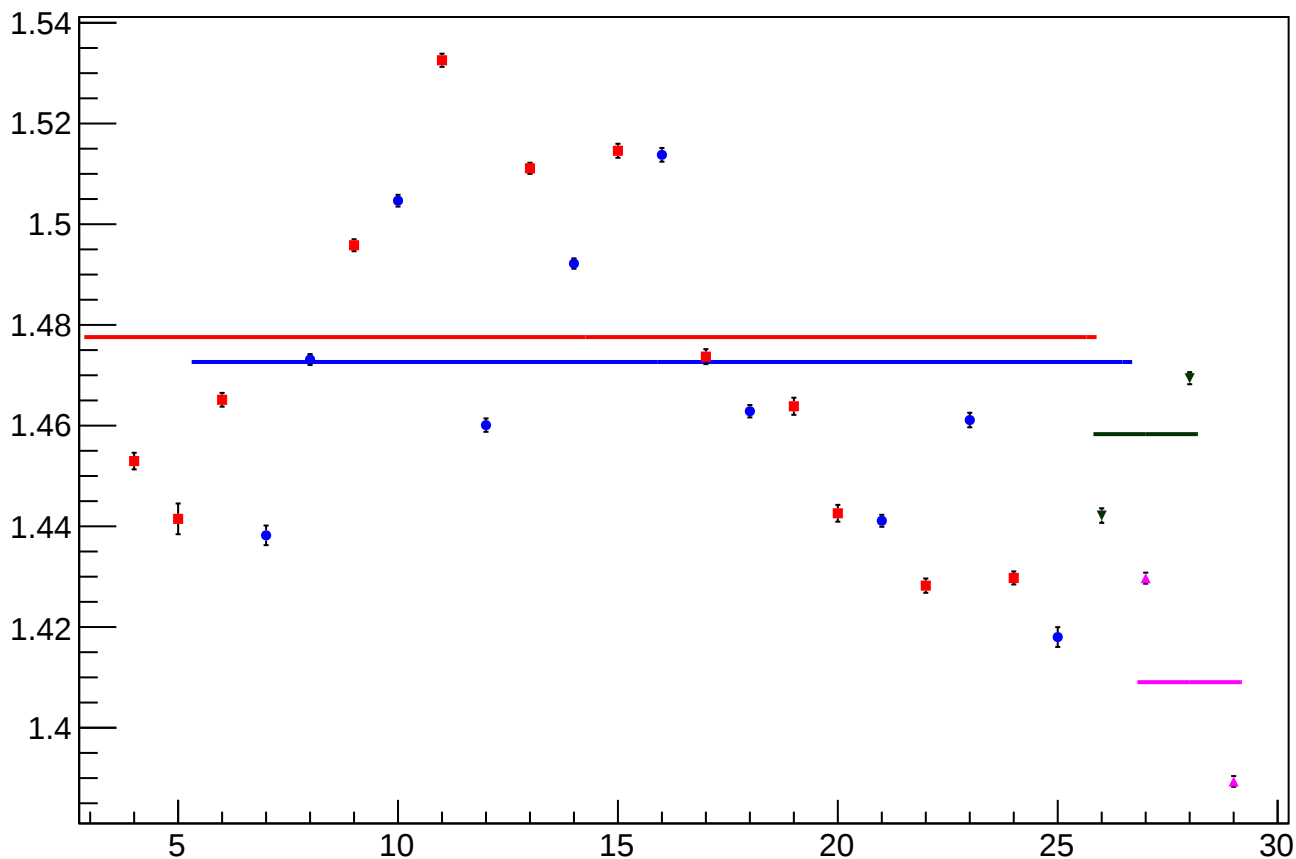
Right Out: -0.417 ± 0.583 χ^2/NDF : 14.9/11

Left In: 0.433 ± 1.078 χ^2/NDF : 0.1/1

-0.069 ± 0.529 χ^2/NDF : 25.3/11

-0.225 ± 0.513 χ^2/NDF : 15.5/13

asym_cav4dQ_rms vs slug



Right In: 1.473 $\pm$ 0.000 χ^2 /NDF: 4027.5/9

Left Out: 1.458 $\pm$ 0.001 χ^2 /NDF: 210.1/1

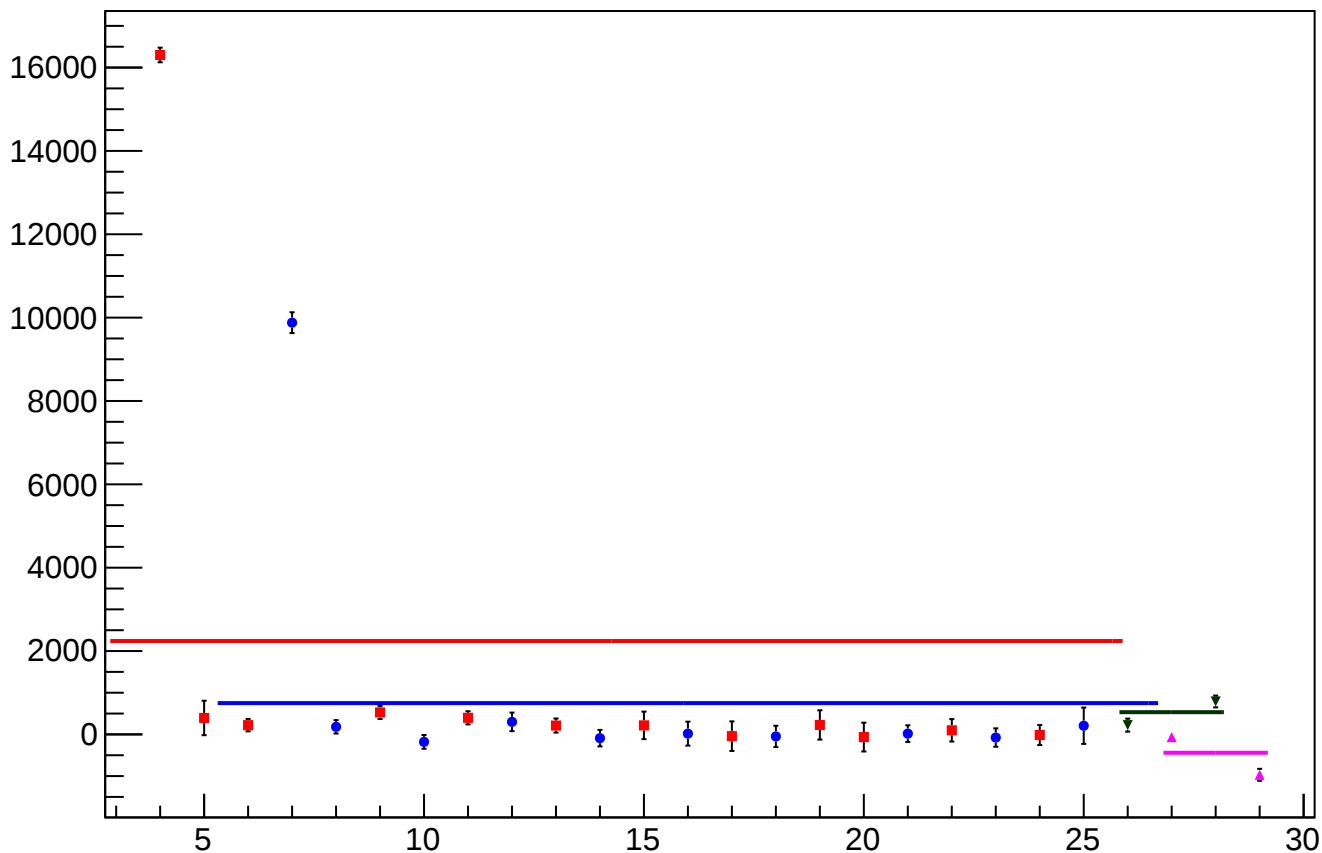
Right Out: 1.478 $\pm$ 0.000 χ^2 /NDF: 7139.1/11

Left In: 1.409 $\pm$ 0.001 χ^2 /NDF: 700.4/1

1.470 $\pm$ 0.000 χ^2 /NDF: 4438.4/11

1.462 $\pm$ 0.000 χ^2 /NDF: 14091.5/13

asym_bcm0l02_mean vs slug



Right In: 750.803+/-68.130 χ^2/NDF : 1445.6/9

Left Out: 533.012+/-105.194 χ^2/NDF : 7.2/1

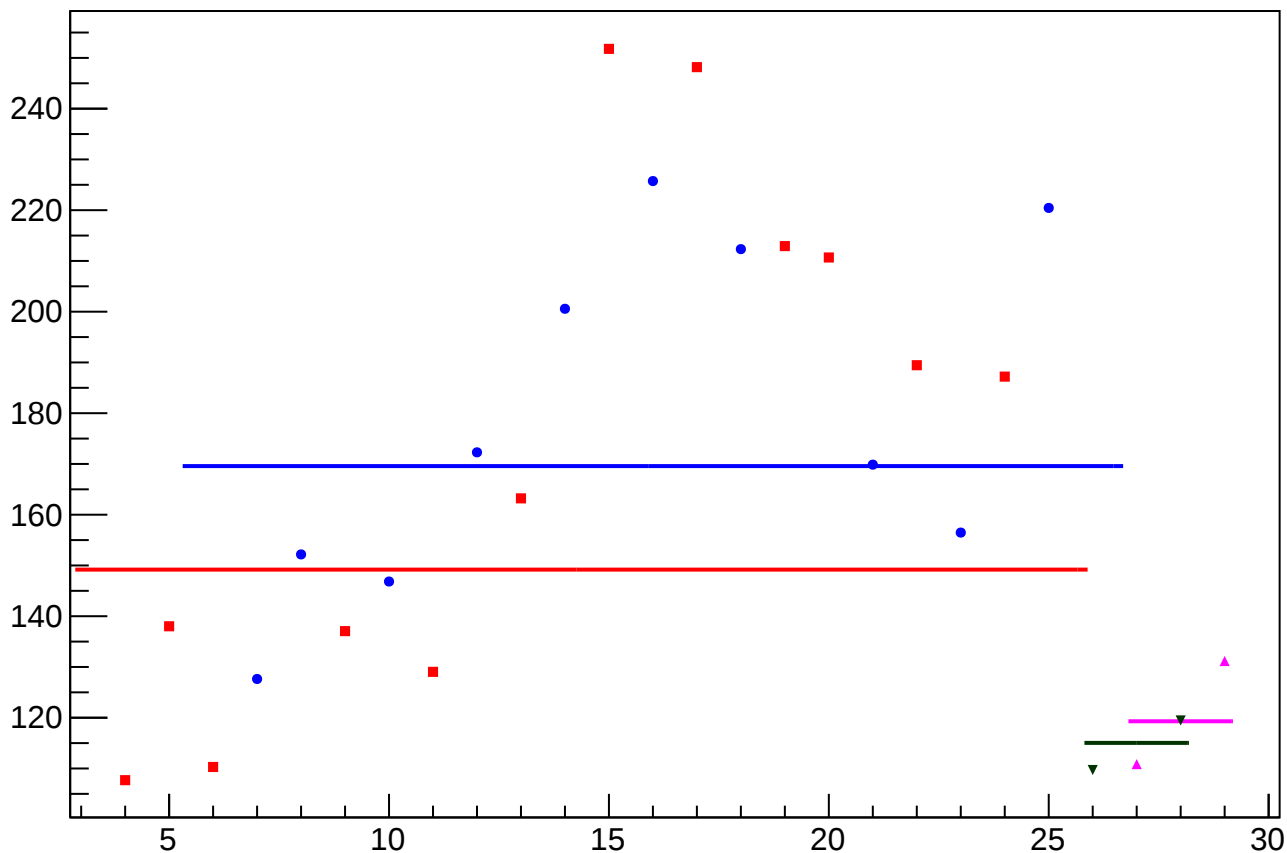
686.445+/-57.184 χ^2/NDF : 1455.8/11

Right Out: 2240.760+/-61.598 χ^2/NDF : 7330.5/11

1419.543+/-51.307 χ^2/NDF : 7934.0/13

Left In: -440.861+/-92.714 χ^2/NDF : 23.1/1

asym_bcm0l02_rms vs slug



Right In: 169.579+/-0.048 χ^2/NDF : 333569.7/9

Left Out: 115.043+/-0.074 χ^2/NDF : 4272.8/1

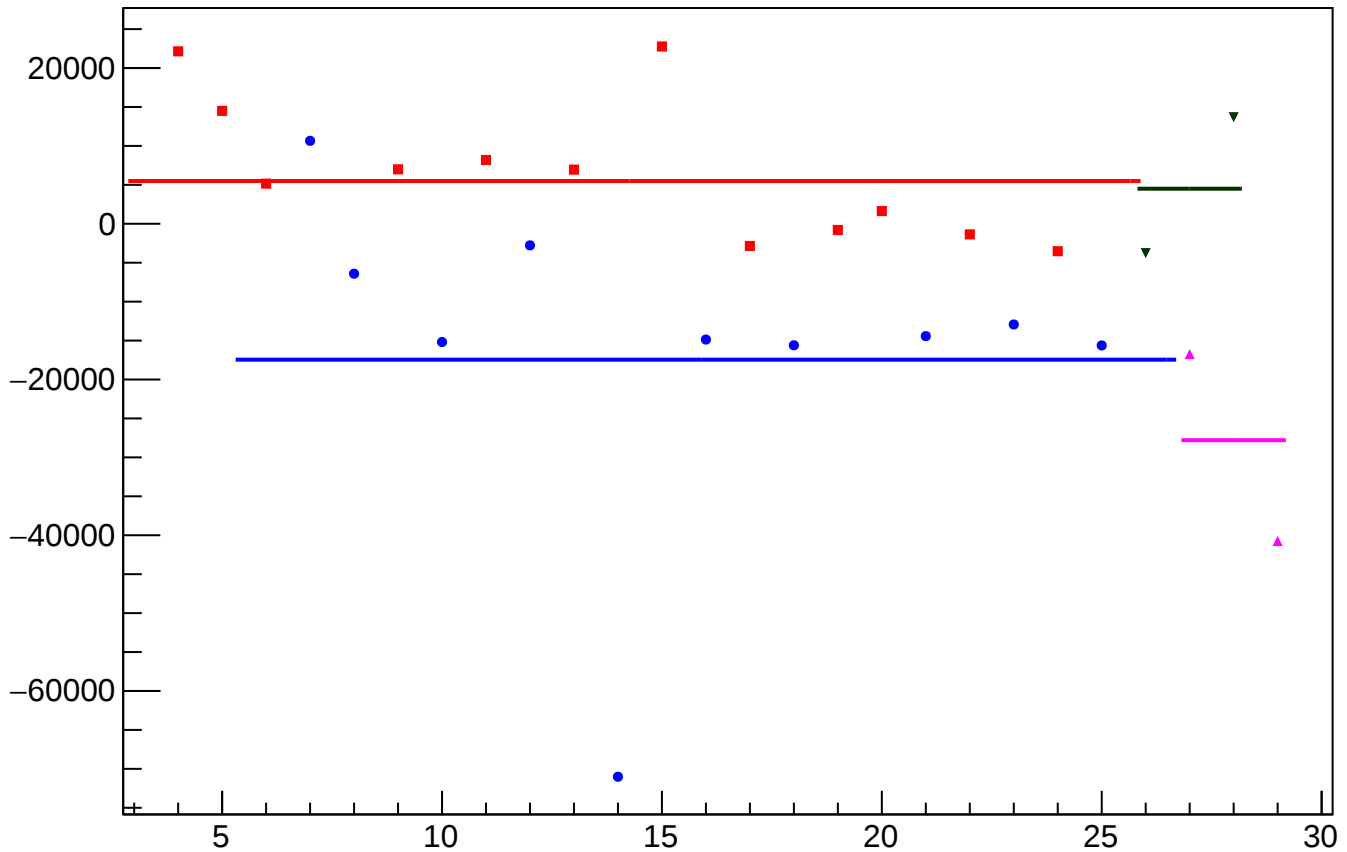
Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

Left In: 119.300+/-0.066 χ^2/NDF : 23306.0/1

153.463+/-0.040 χ^2/NDF : 716529.6/11

140.032+/-0.036 χ^2/NDF : 1047294.1/13

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 4503.237+/-111.898 χ^2/NDF : 6065.2/1

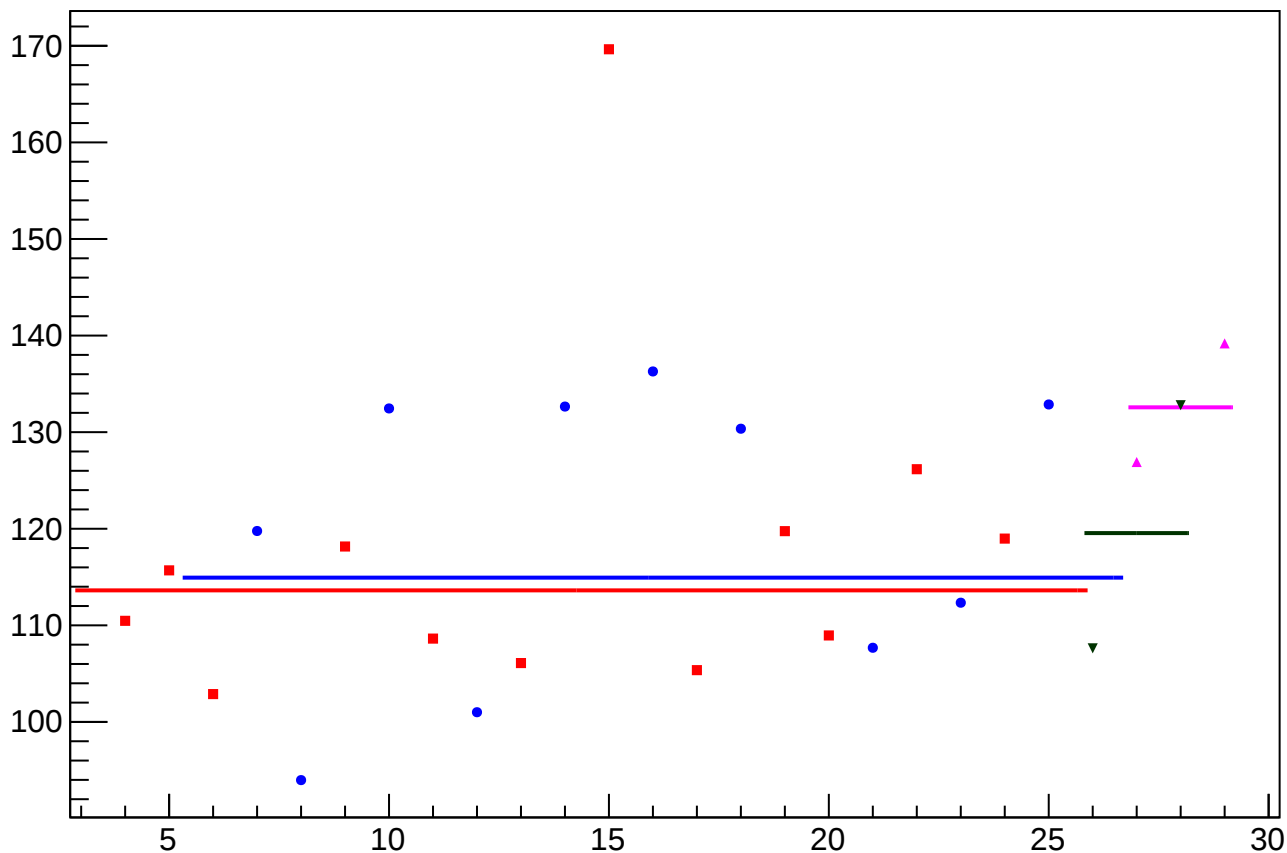
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -27794.275+/-105.518 χ^2/NDF : 12850.1/1

-14186.682+/-43.147 χ^2/NDF : 242166.6/11

102.645+/-42.453 χ^2/NDF : 120903.3/13

asym_bpm2i01WS_rms vs slug



Right In: 114.939+/-0.033 χ^2/NDF : 233540.9/9

Left Out: 119.551+/-0.079 χ^2/NDF : 25229.6/1

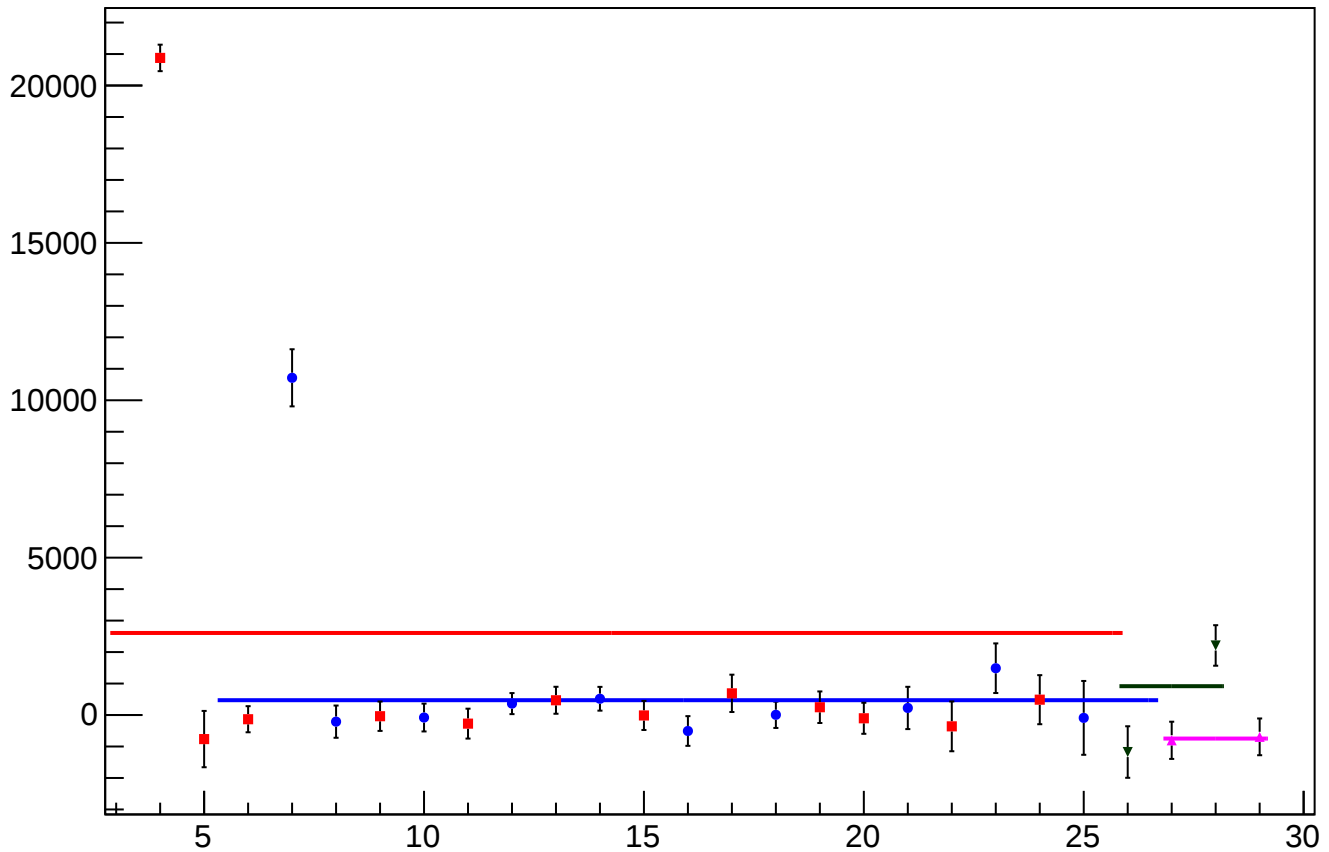
Right Out: 113.621+/-0.033 χ^2/NDF : 162658.1/11

Left In: 132.571+/-0.075 χ^2/NDF : 6730.6/1

115.625+/-0.031 χ^2/NDF : 261663.2/11

116.688+/-0.030 χ^2/NDF : 223452.3/13

asym_bpm0i07WS_mean vs slug



Right In: 470.960+/-156.387 χ^2/NDF : 138.4/9

Left Out: 916.139+/-506.108 χ^2/NDF :10.6/1

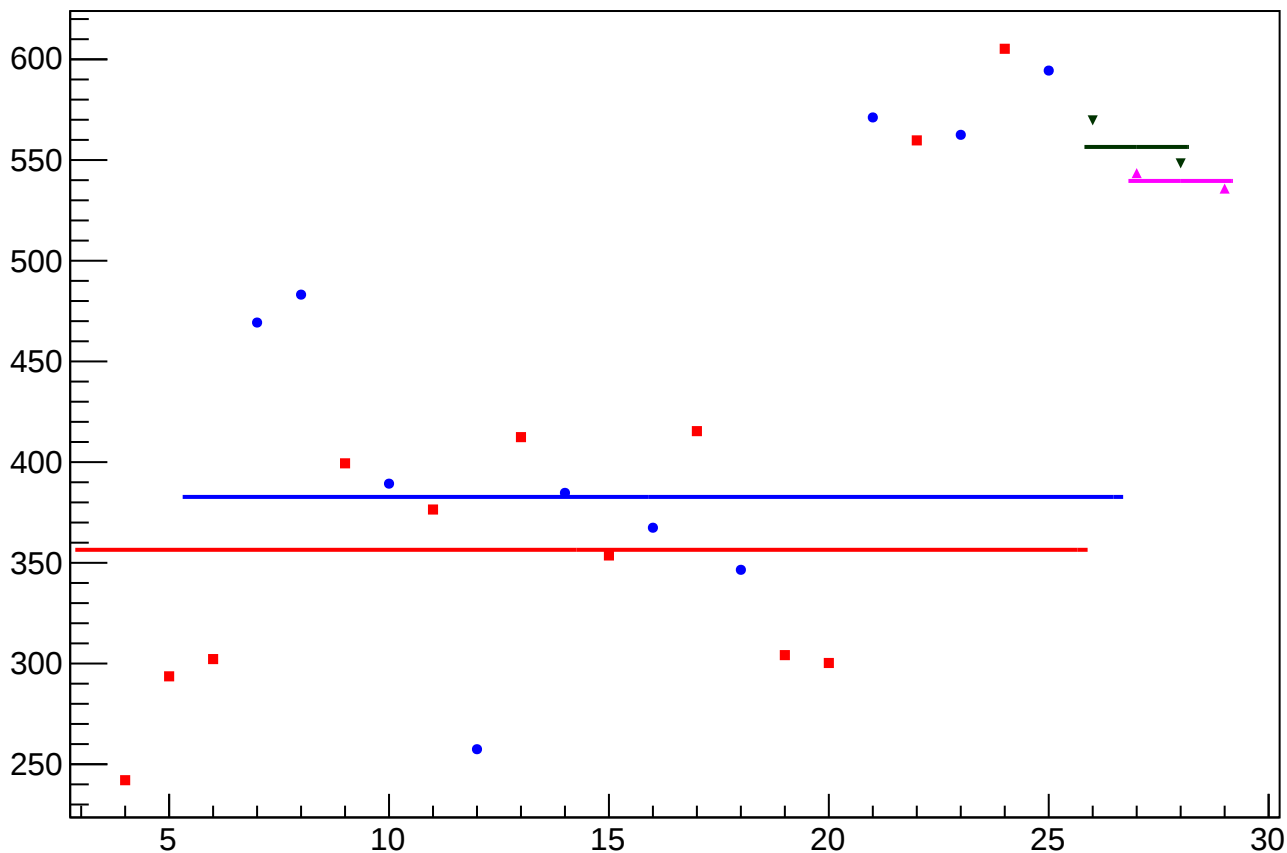
509.761+/-149.417 χ^2/NDF : 149.7/11

Right Out: 2606.972+/-147.343 χ^2/NDF : 2154.3/11

2232.007+/-138.865 χ^2/NDF : 2212.2/13

Left In: -747.810+/-415.364 χ^2/NDF :0.0/1

asym_bpm0i07WS_rms vs slug



Right In: 382.730+/-0.111 χ^2/NDF : 720132.6/9

Left Out: 556.501+/-0.358 χ^2/NDF :840.3/1

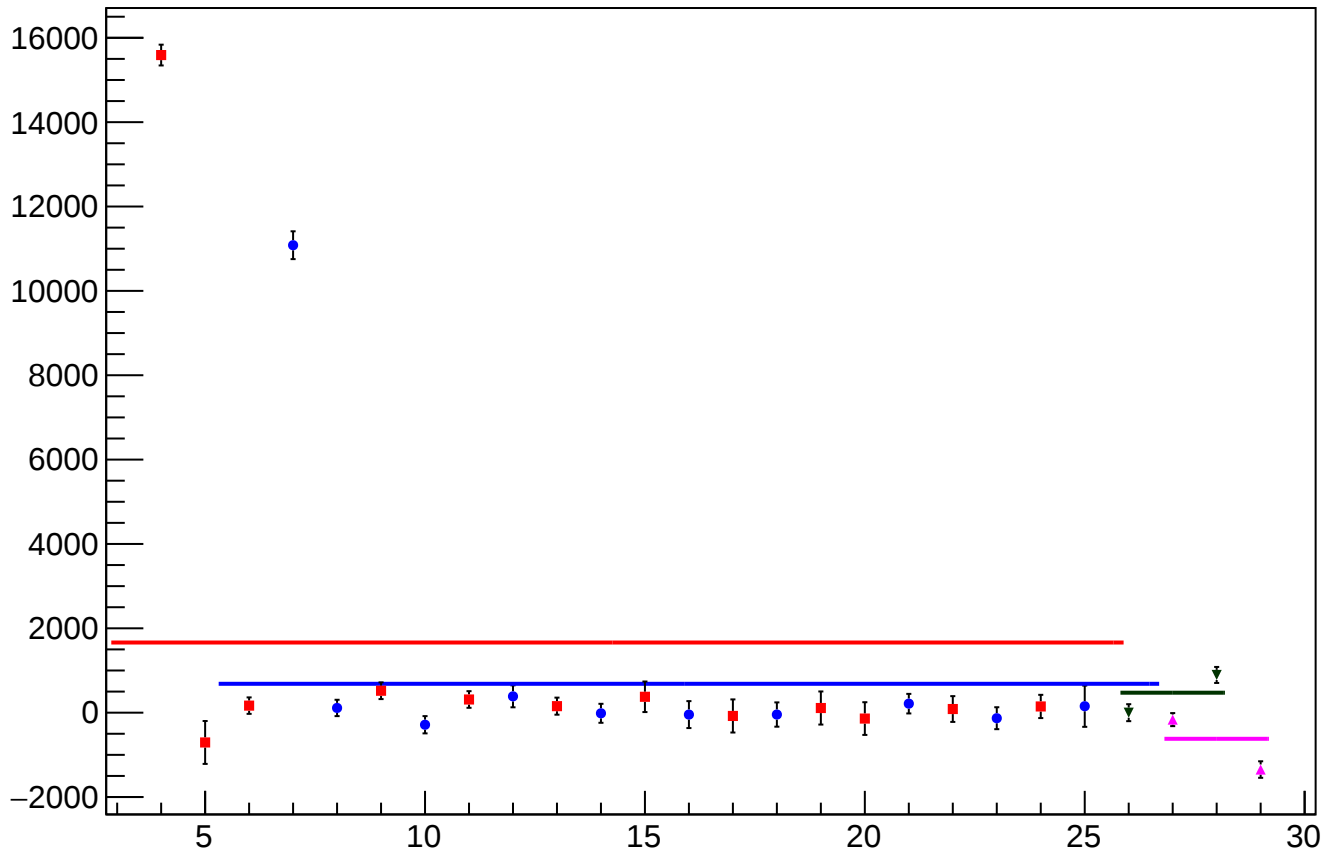
397.875+/-0.106 χ^2/NDF : 936199.2/11

Right Out: 356.465+/-0.104 χ^2/NDF : 650032.0/11

376.937+/-0.098 χ^2/NDF : 995628.5/13

Left In: 539.624+/-0.294 χ^2/NDF :170.8/1

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 $\chi^2/\text{NDF}: 1063.9/9$

Left Out: 473.440 ± 138.028 $\chi^2/\text{NDF}: 10.5/1$

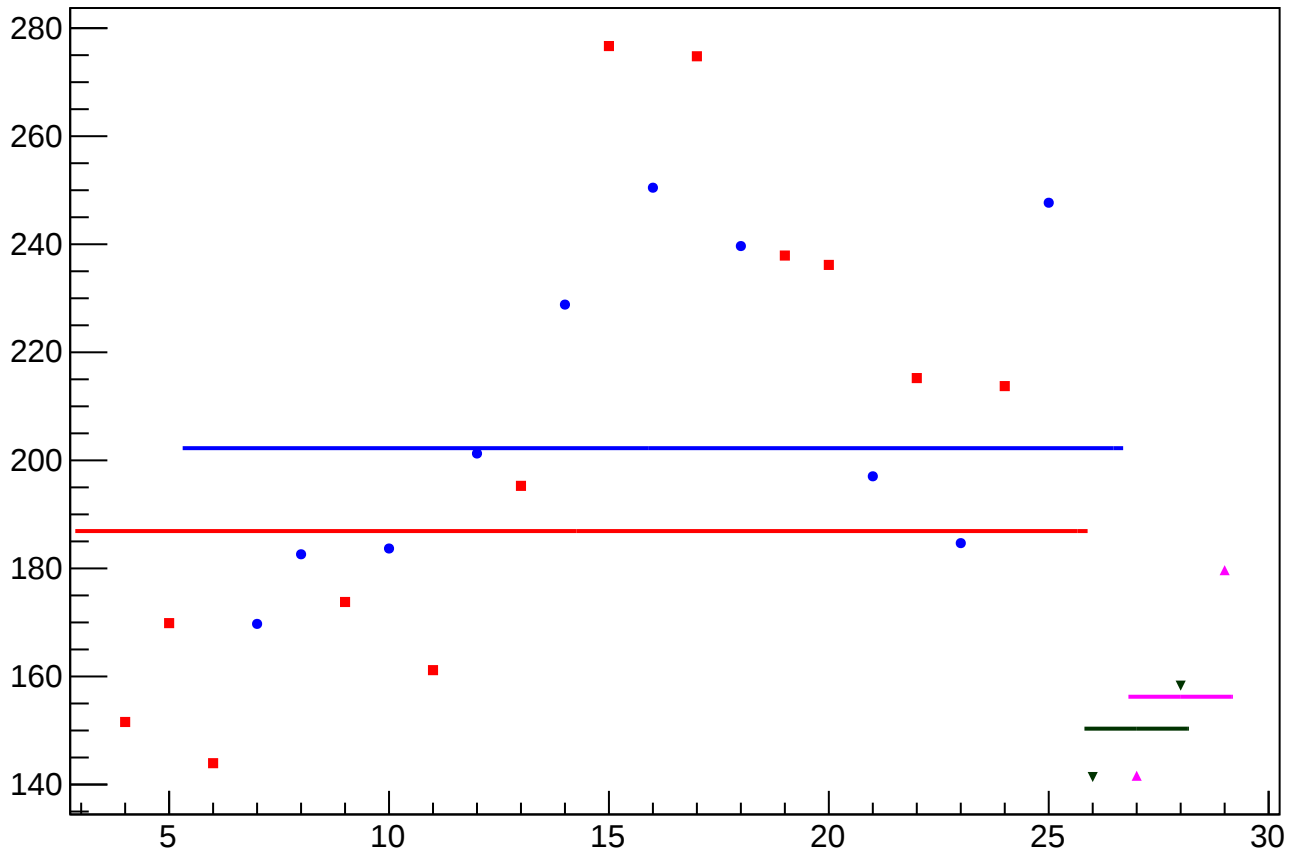
630.849 ± 69.637 $\chi^2/\text{NDF}: 1076.1/11$

Right Out: 1663.245 ± 75.915 $\chi^2/\text{NDF}: 3538.6/11$

1021.358 ± 64.363 $\chi^2/\text{NDF}: 3815.3/13$

Left In: -619.448 ± 121.374 $\chi^2/\text{NDF}: 22.5/1$

asym_bpm0l01WS_rms vs slug



Right In: 202.258 ± 0.057 χ^2/NDF : 191196.0/9

Left Out: 150.341 ± 0.098 χ^2/NDF : 7481.5/1

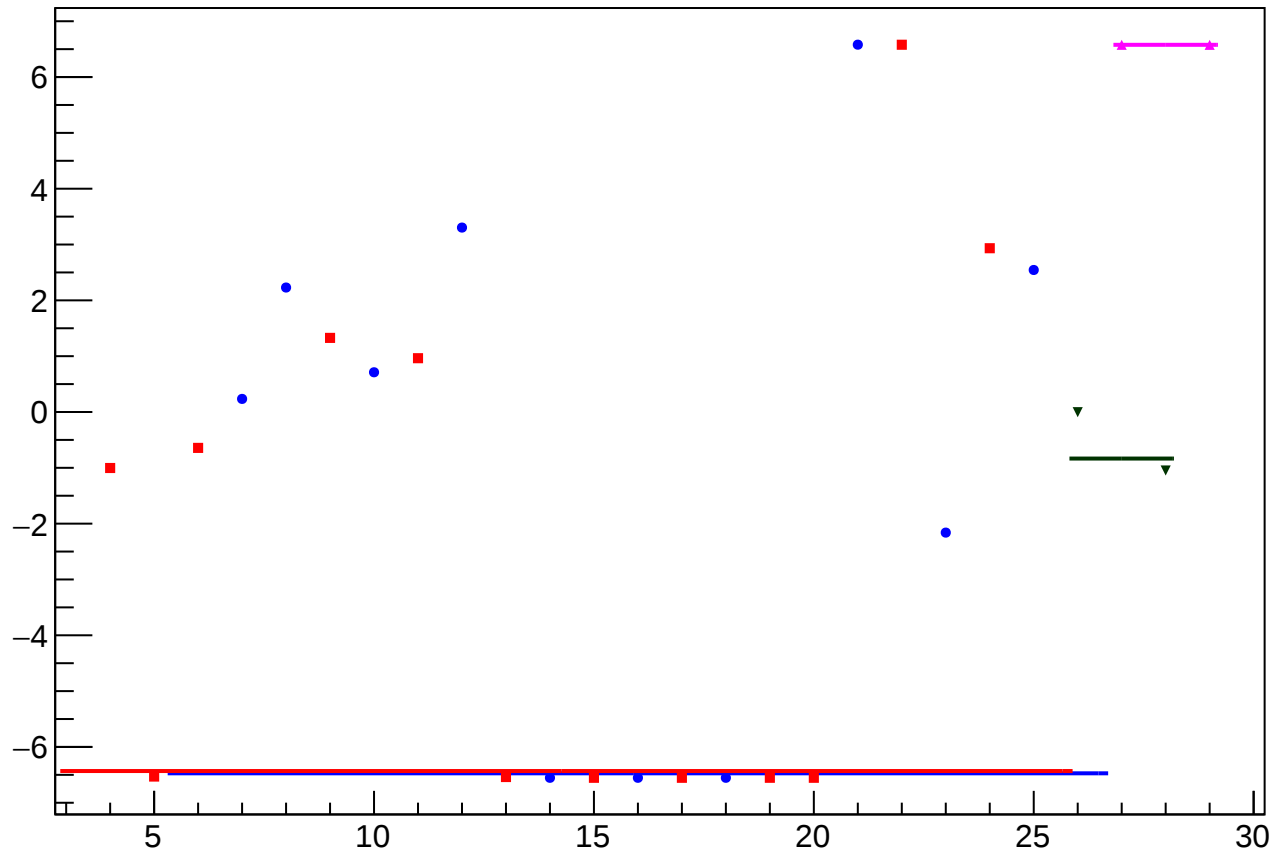
Right Out: 186.914 ± 0.054 χ^2/NDF : 512292.6/11

Left In: 156.249 ± 0.086 χ^2/NDF : 46511.3/1

189.043 ± 0.049 χ^2/NDF : 409604.5/11

178.291 ± 0.046 χ^2/NDF : 650566.0/13

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -0.834+/-0.003 χ^2/NDF : 23451.8/1

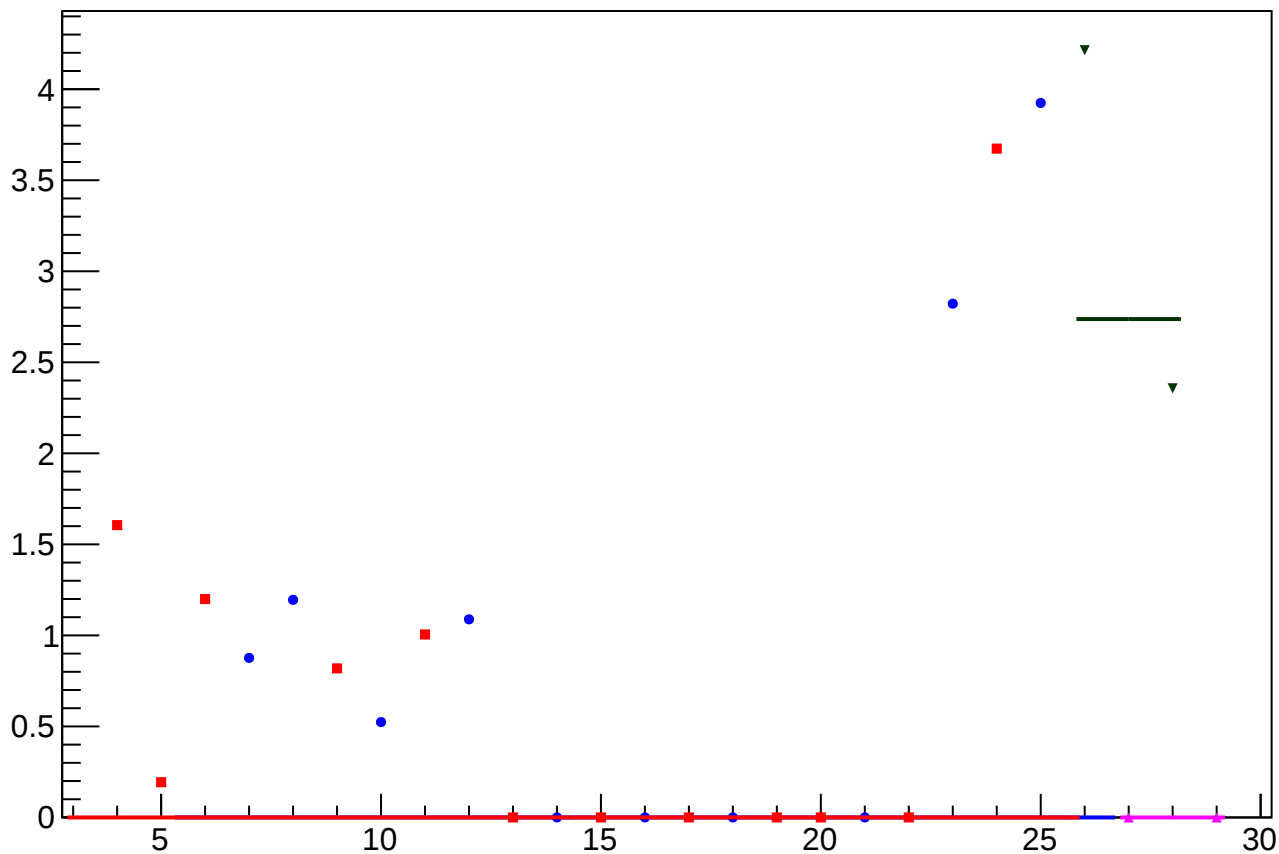
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 72049.5/1

-6.473+/-0.000 χ^2/NDF : 127847931804466.2/1

-6.315+/-0.000 χ^2/NDF : 297092086024110.3/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 2.737+/-0.002 χ^2/NDF :148265.9/1

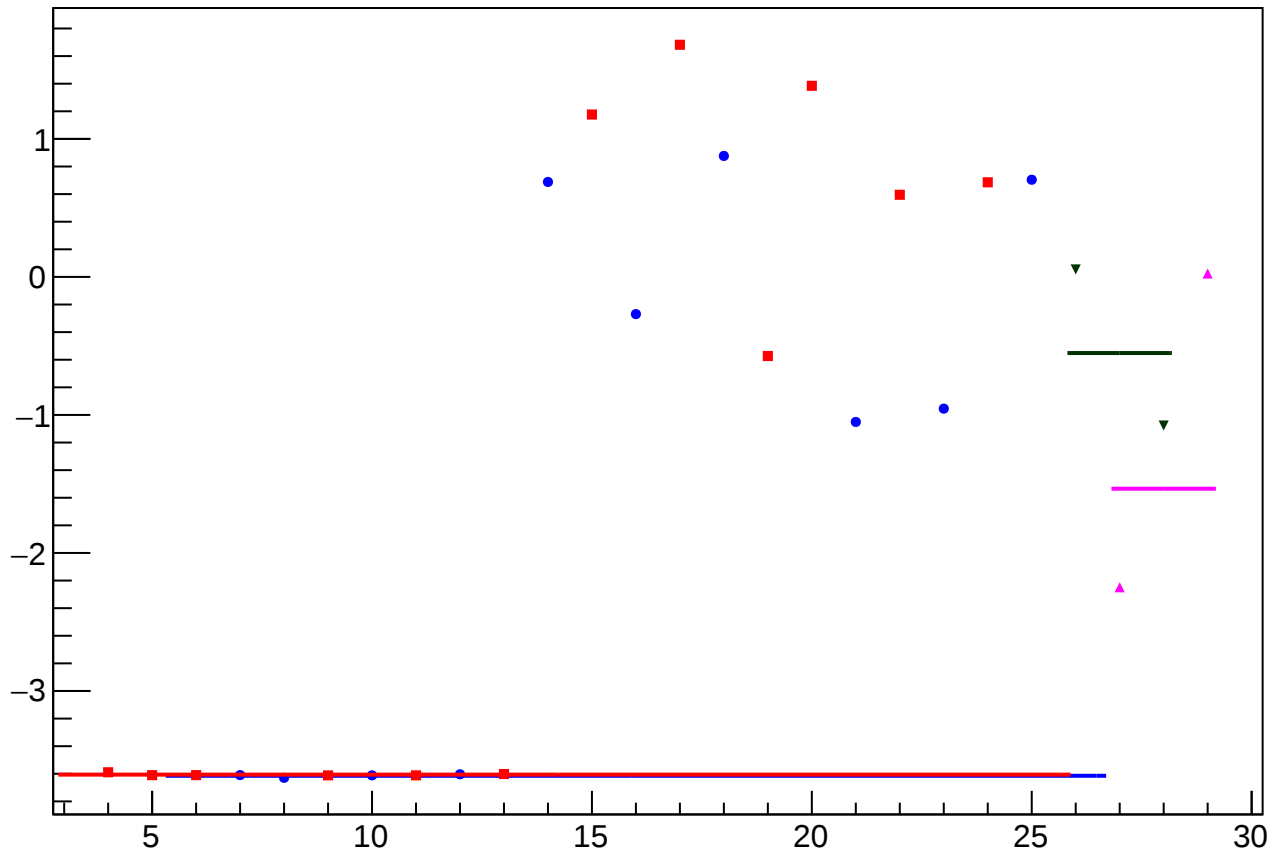
Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.4/1

0.000+/-0.000 χ^2/NDF : 6390606.2/11

0.000+/-0.000 χ^2/NDF : 4073020.1/13

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

-3.614+/-0.000 χ^2/NDF : 49075409466.6/11

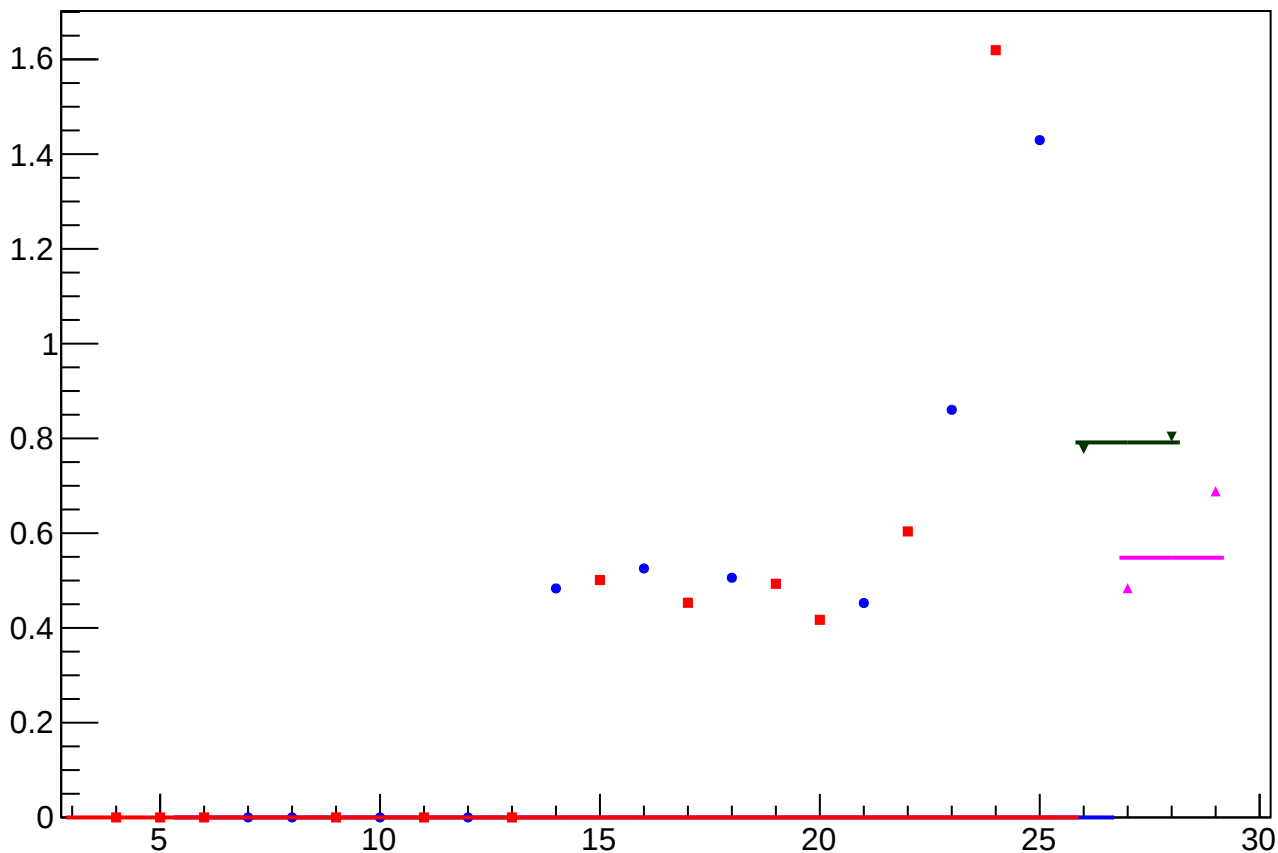
Left Out: -0.552+/-0.001 χ^2/NDF : 452093.3/1

Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

-3.606+/-0.000 χ^2/NDF : 37768563060.3/13

Left In: -1.534+/-0.001 χ^2/NDF : 3817527.0/1

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.791+/-0.001 χ^2/NDF :482.1/1

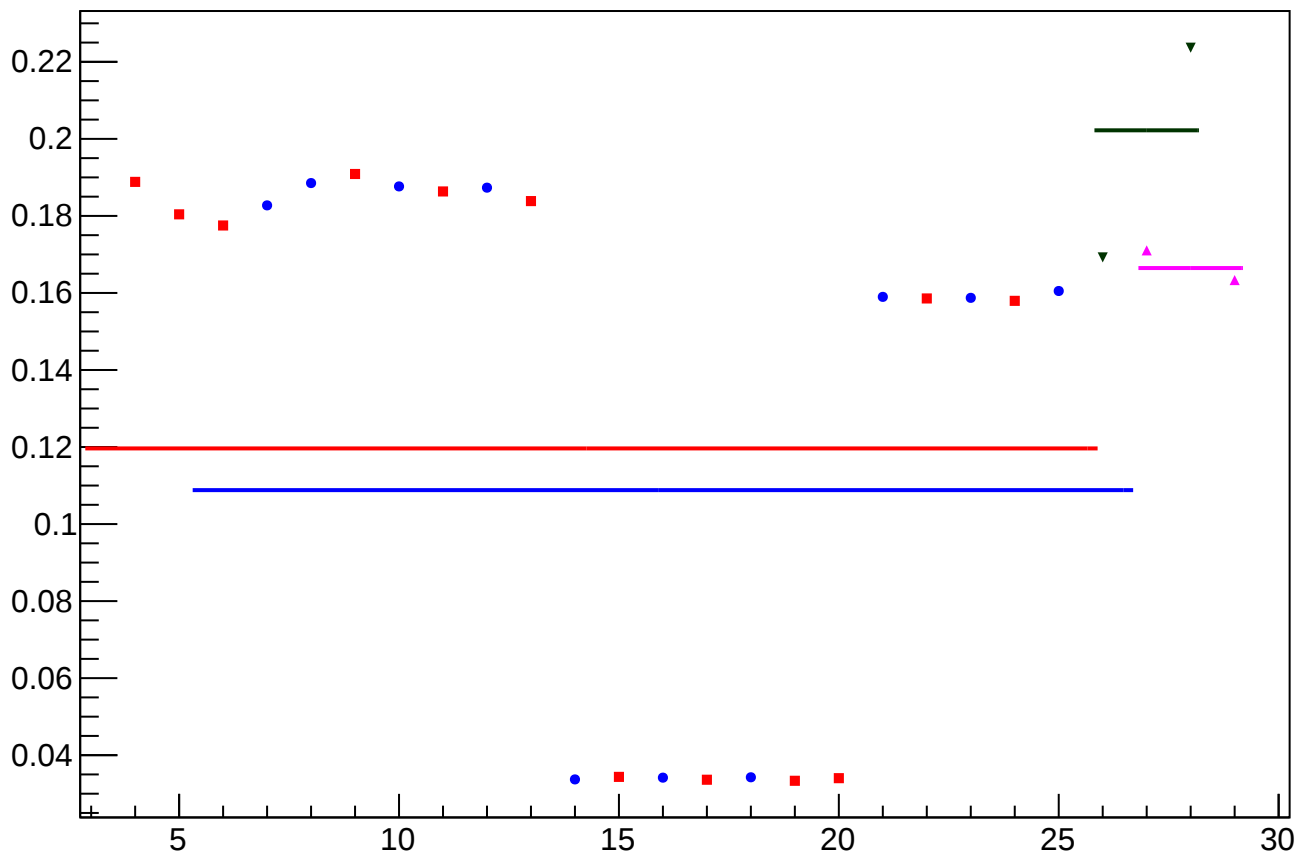
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.548+/-0.000 χ^2/NDF :61669.3/1

0.000+/-0.000 χ^2/NDF : 7583522.6/11

0.000+/-0.000 χ^2/NDF : 6327714.5/13

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.202+/-0.000 χ^2/NDF : 28648211.5/1

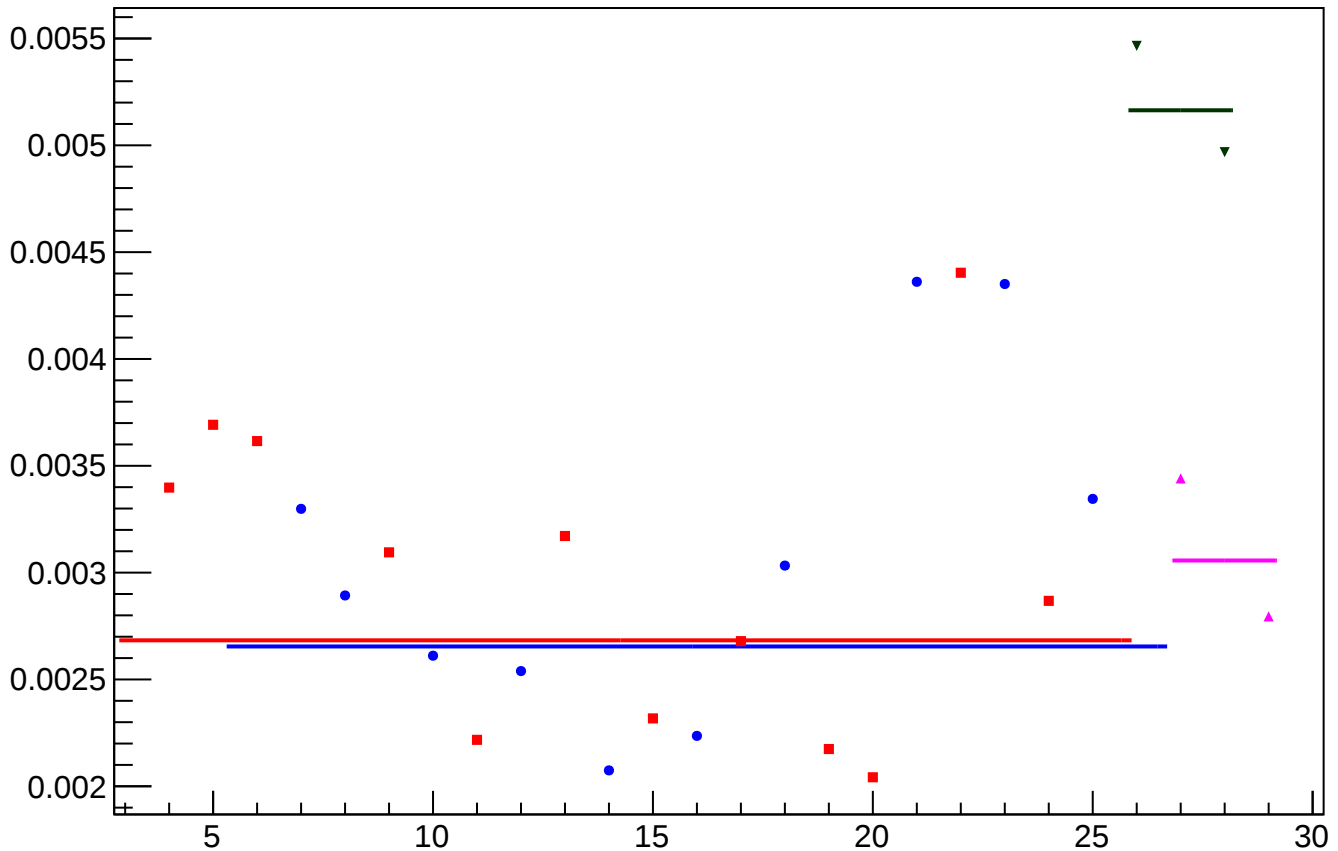
Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

Left In: 0.166+/-0.000 χ^2/NDF : 2349365.9/1

0.113+/-0.000 χ^2/NDF : 4932800213.0/11

0.128+/-0.000 χ^2/NDF : 4504293868.3/13

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 639601.2/9

Left Out: 0.005+/-0.000 χ^2/NDF : 4784.9/1

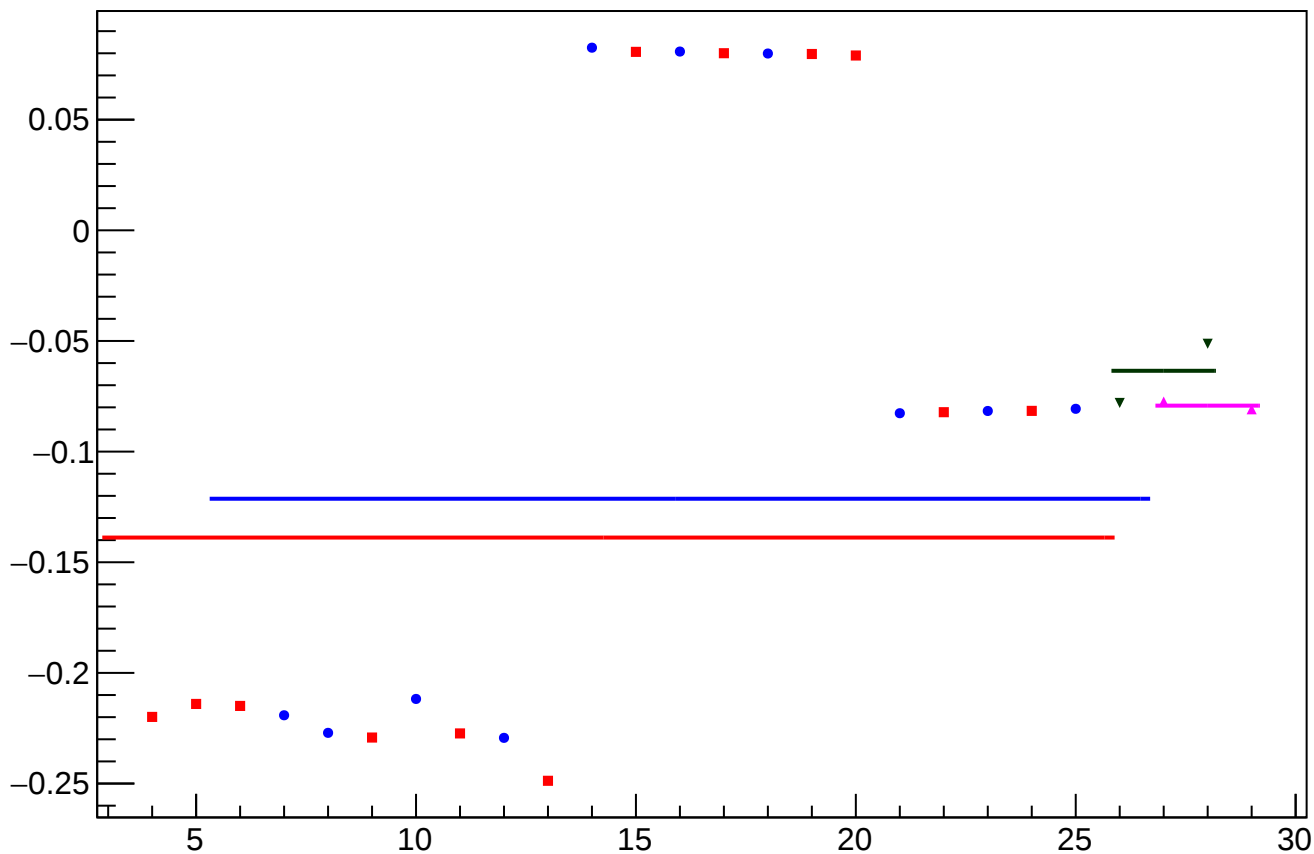
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF : 32946.4/1

0.003+/-0.000 χ^2/NDF : 1130544.6/11

0.003+/-0.000 χ^2/NDF : 597222.6/13

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.063+/-0.000 χ^2/NDF : 11078957.3/1

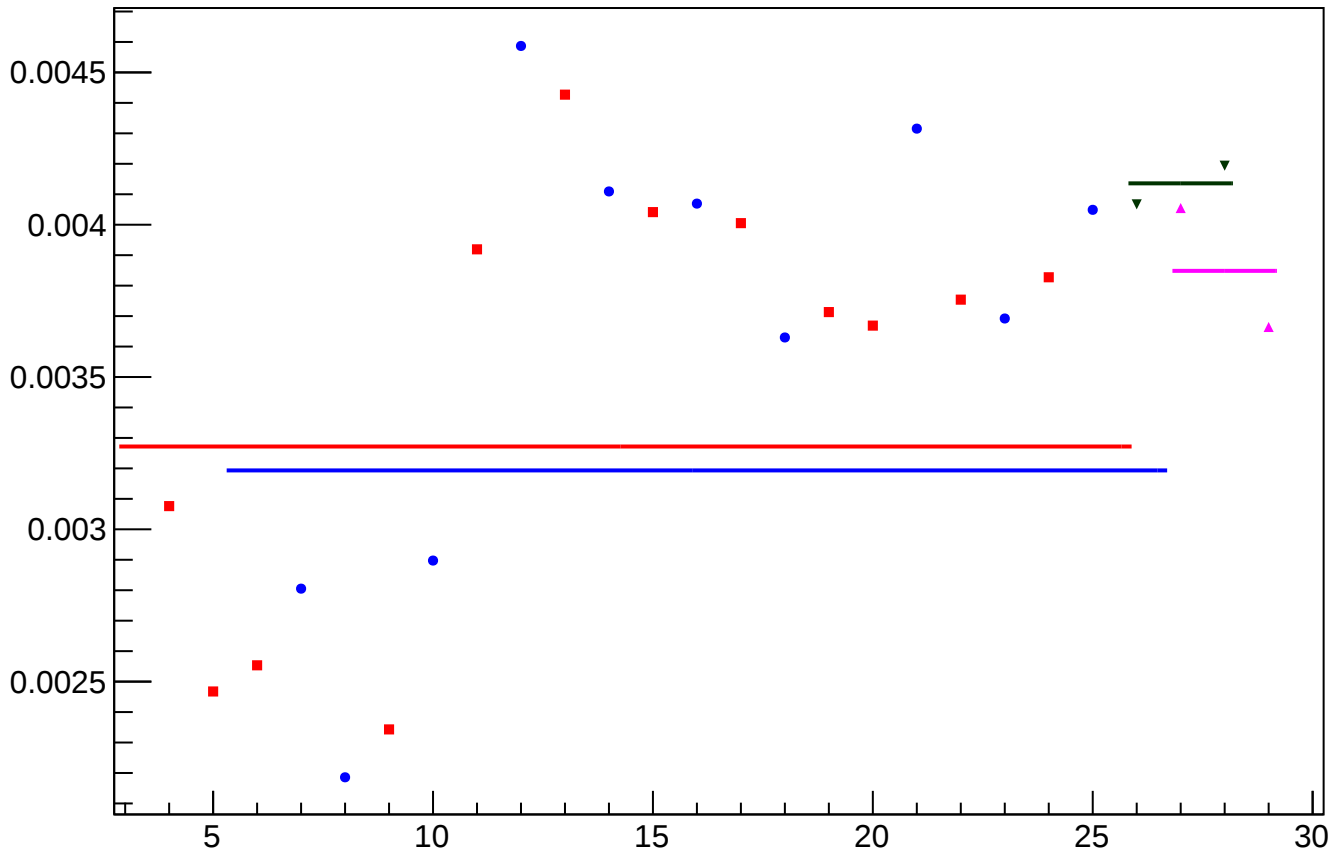
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.079+/-0.000 χ^2/NDF : 326244.4/1

-0.116+/-0.000 χ^2/NDF : 9720416491.0/11

-0.129+/-0.000 χ^2/NDF : 8935064790.6/13

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 : 499.0/1

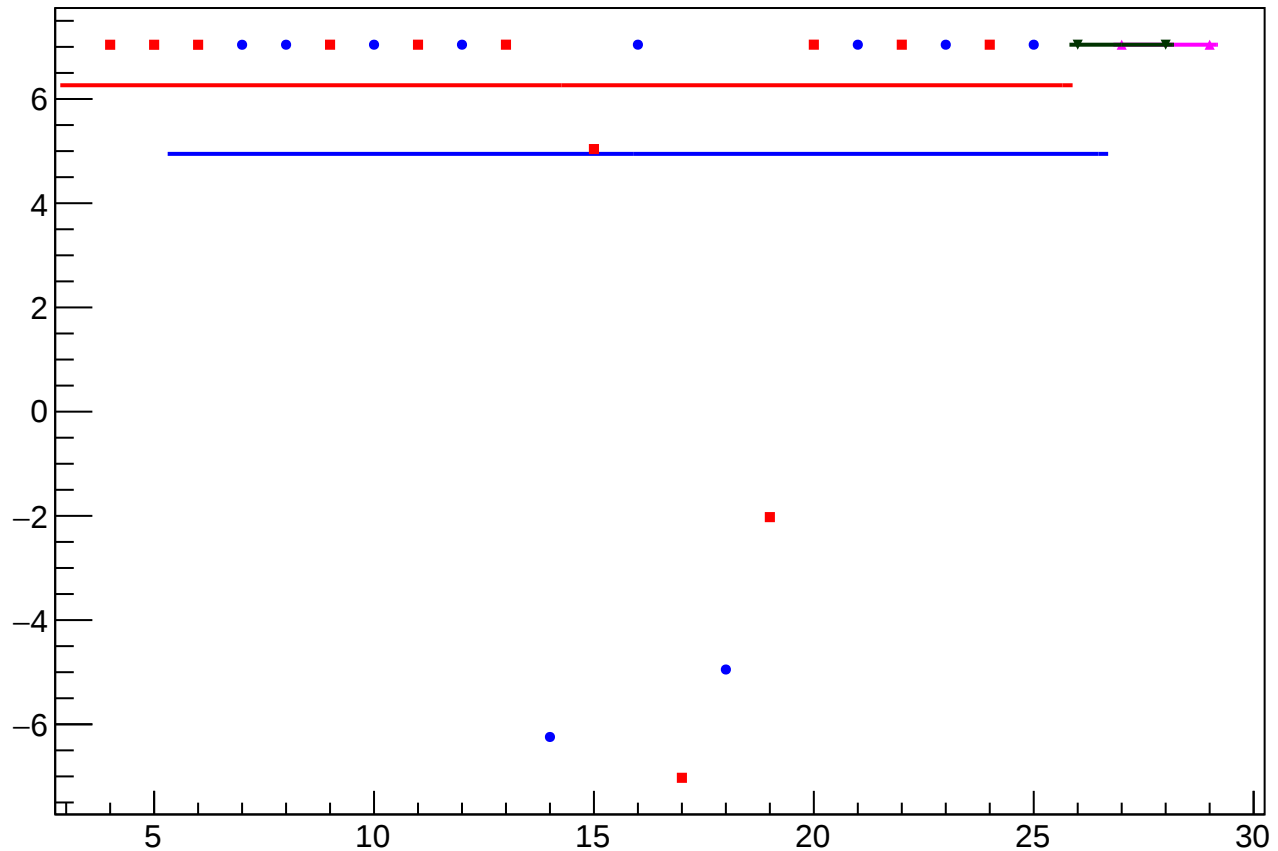
Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

Left In: 0.004+/-0.000 χ^2/NDF : 8155.4/1

0.003+/-0.000 χ^2/NDF : 916437.4/11

0.003+/-0.000 χ^2/NDF : 682913.4/13

yield_cav4dX_mean vs slug



Right In: 4.947+/-0.000 χ^2/NDF : 4224474165211712.0/9

Left Out: 7.042+/-0.000 χ^2/NDF :121066.2/1

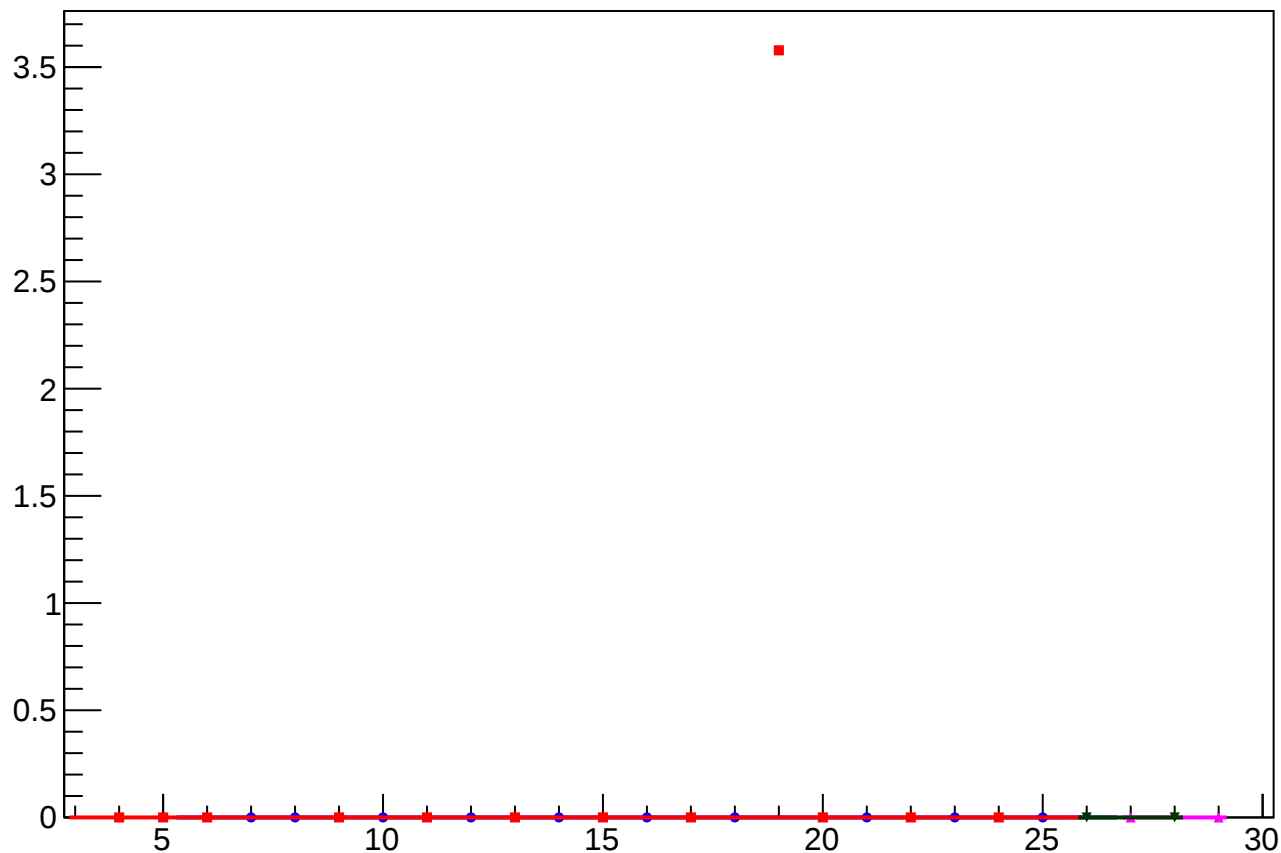
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF :133688.1/1

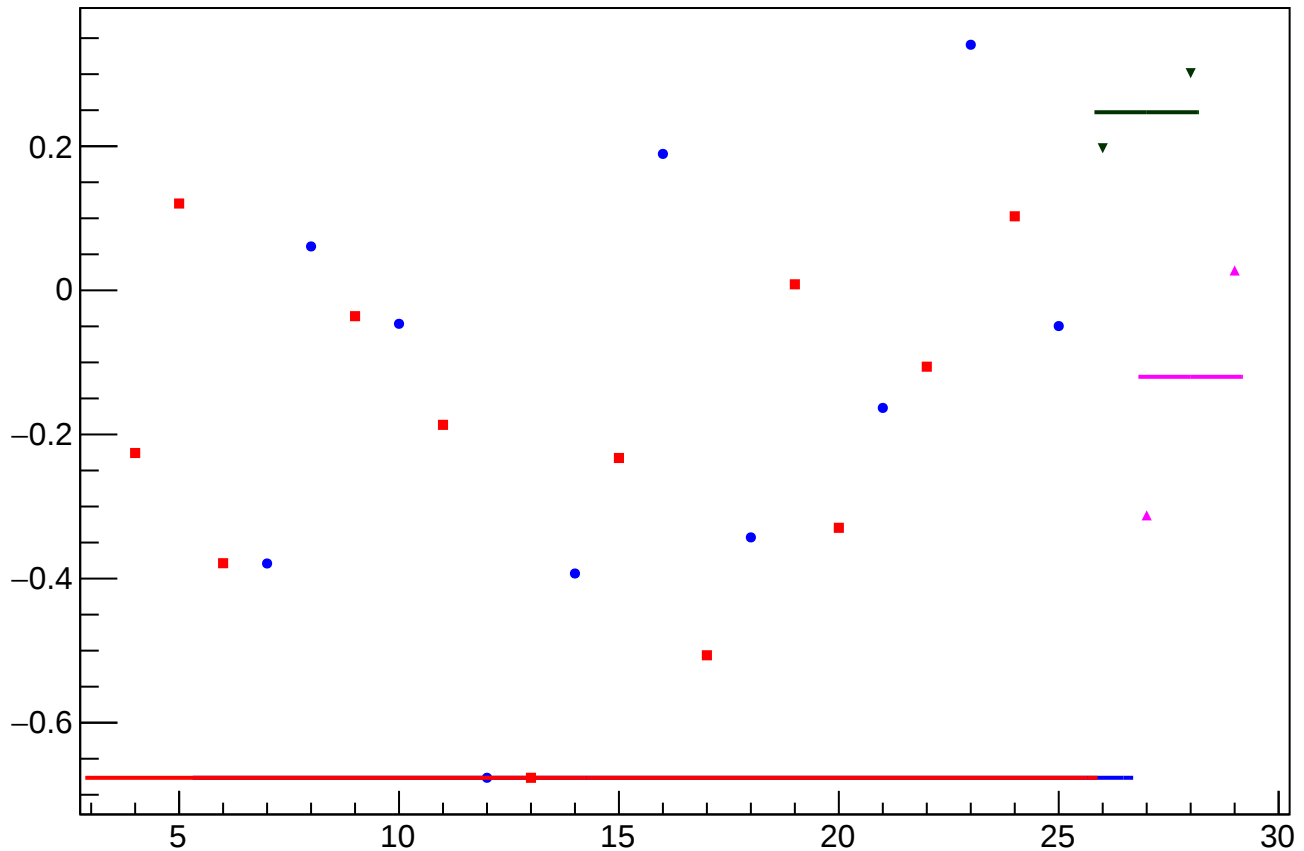
5.348+/-0.000 χ^2/NDF : 4379096804730167.0/1

6.470+/-0.000 χ^2/NDF : 1841127520017521.0/1

yield_cav4dX_rms vs slug



yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.247+/-0.000 χ^2/NDF :150101.3/1

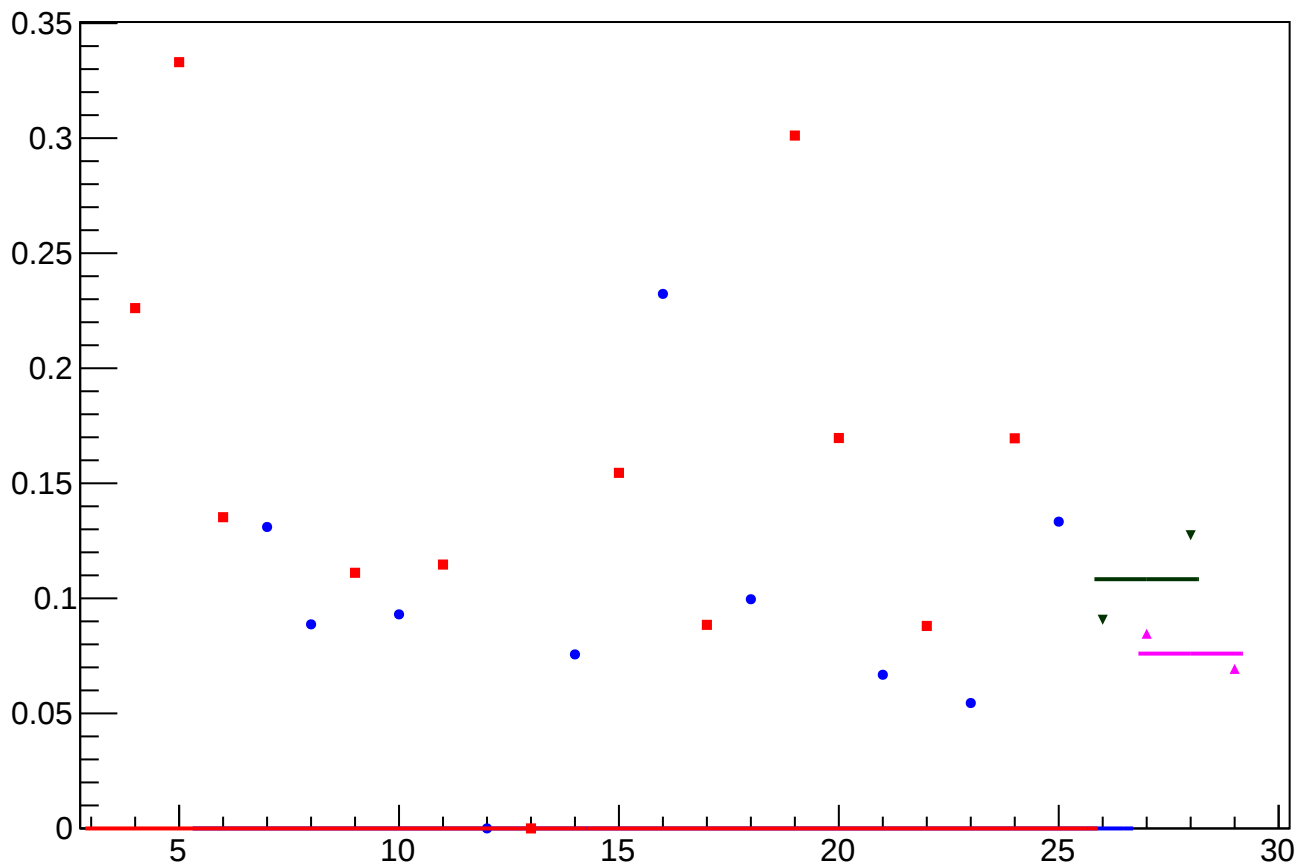
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: -0.120+/-0.000 χ^2/NDF :5036514.6/1

-0.676+/-0.000 χ^2/NDF : 262218029.1/11

-0.676+/-0.000 χ^2/NDF : 125945990.7/13

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.108+/-0.000 χ^2/NDF : 37285.9/1

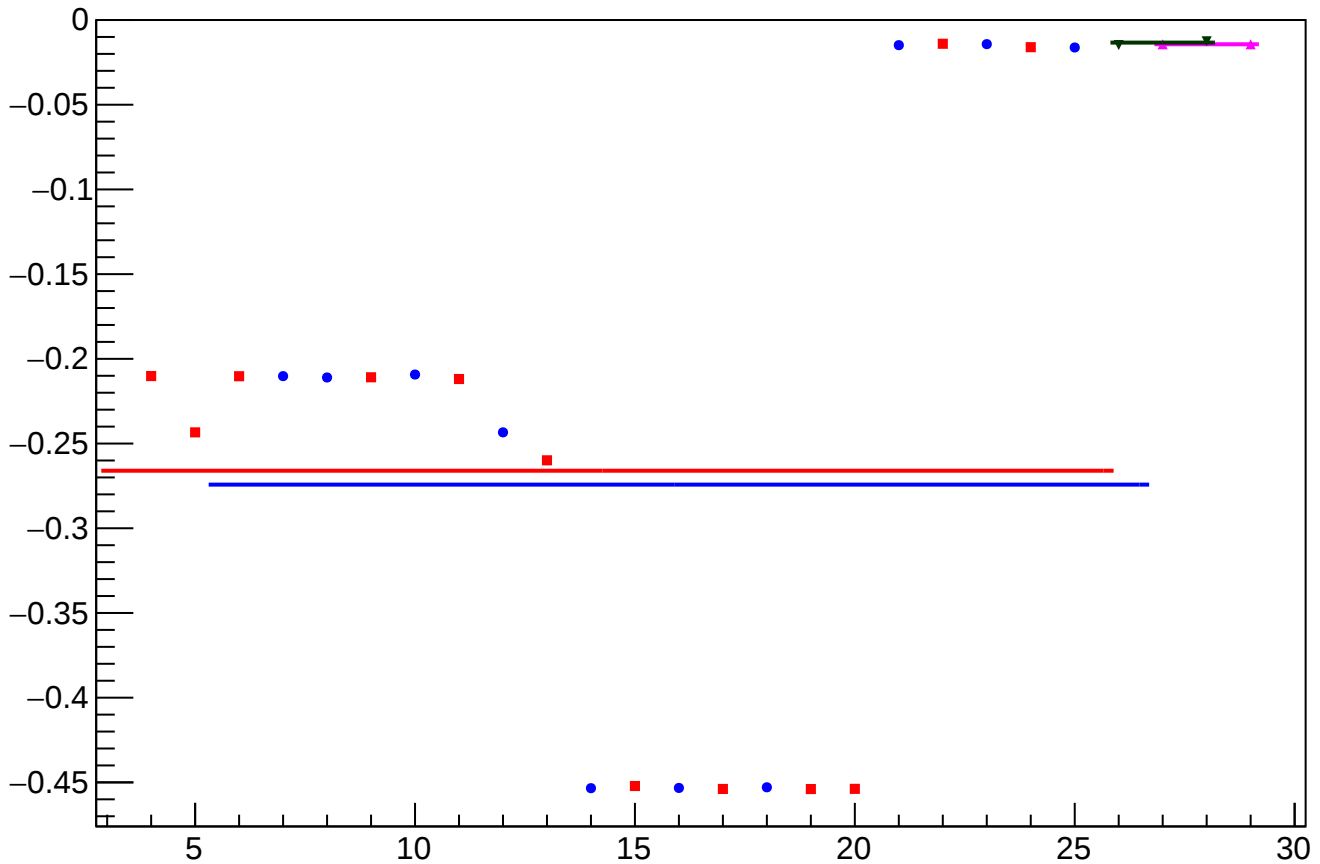
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.076+/-0.000 χ^2/NDF : 20367.8/1

0.000+/-0.000 χ^2/NDF : 9666631.9/11

0.000+/-0.000 χ^2/NDF : 10155734.0/13

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.013+/-0.000 χ^2/NDF : 23573.3/1

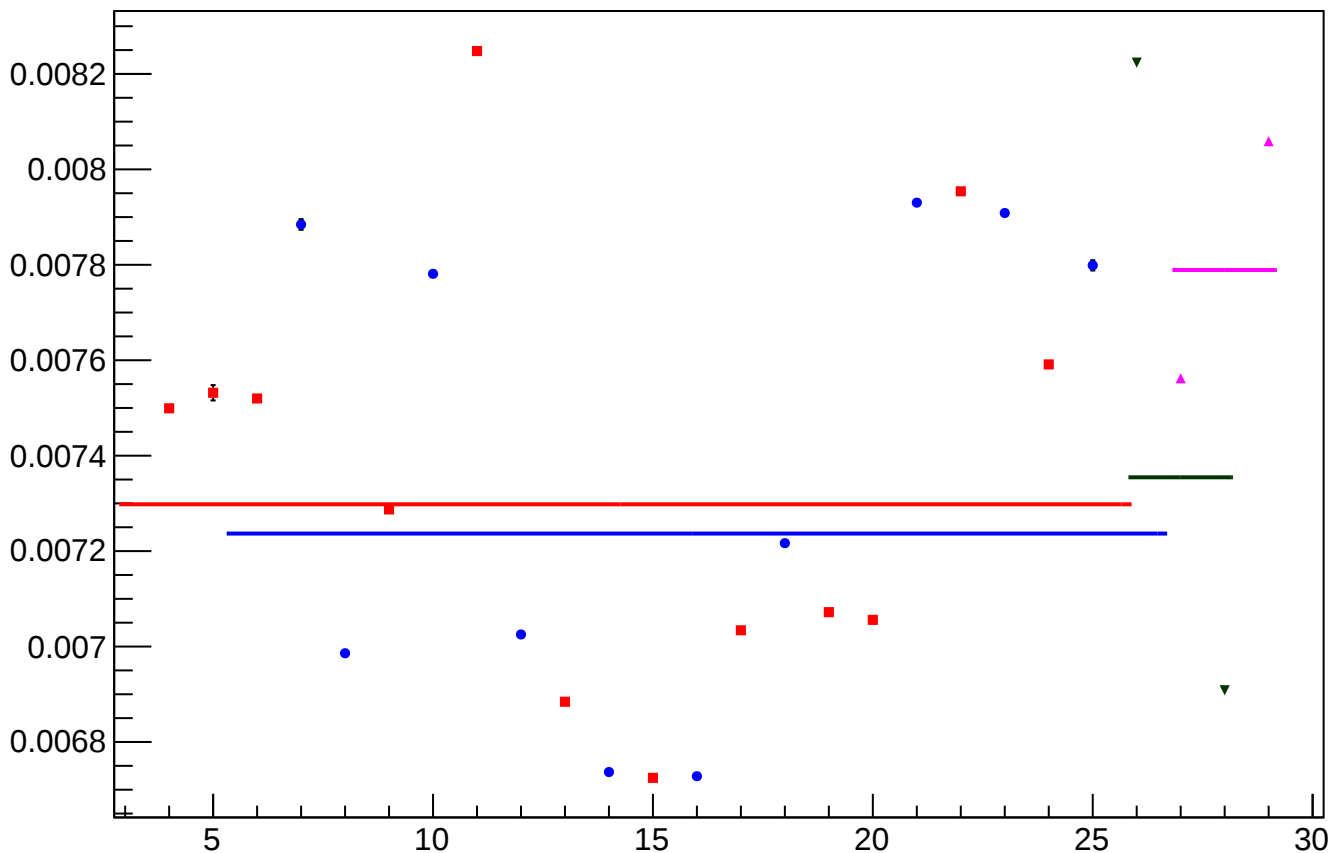
Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

Left In: -0.014+/-0.000 χ^2/NDF : 0.3/1

-0.235+/-0.000 χ^2/NDF : 4587525808.9/11

-0.219+/-0.000 χ^2/NDF : 4014708972.9/13

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54029.4/9

Left Out: 0.007+/-0.000 χ^2/NDF :16499.8/1

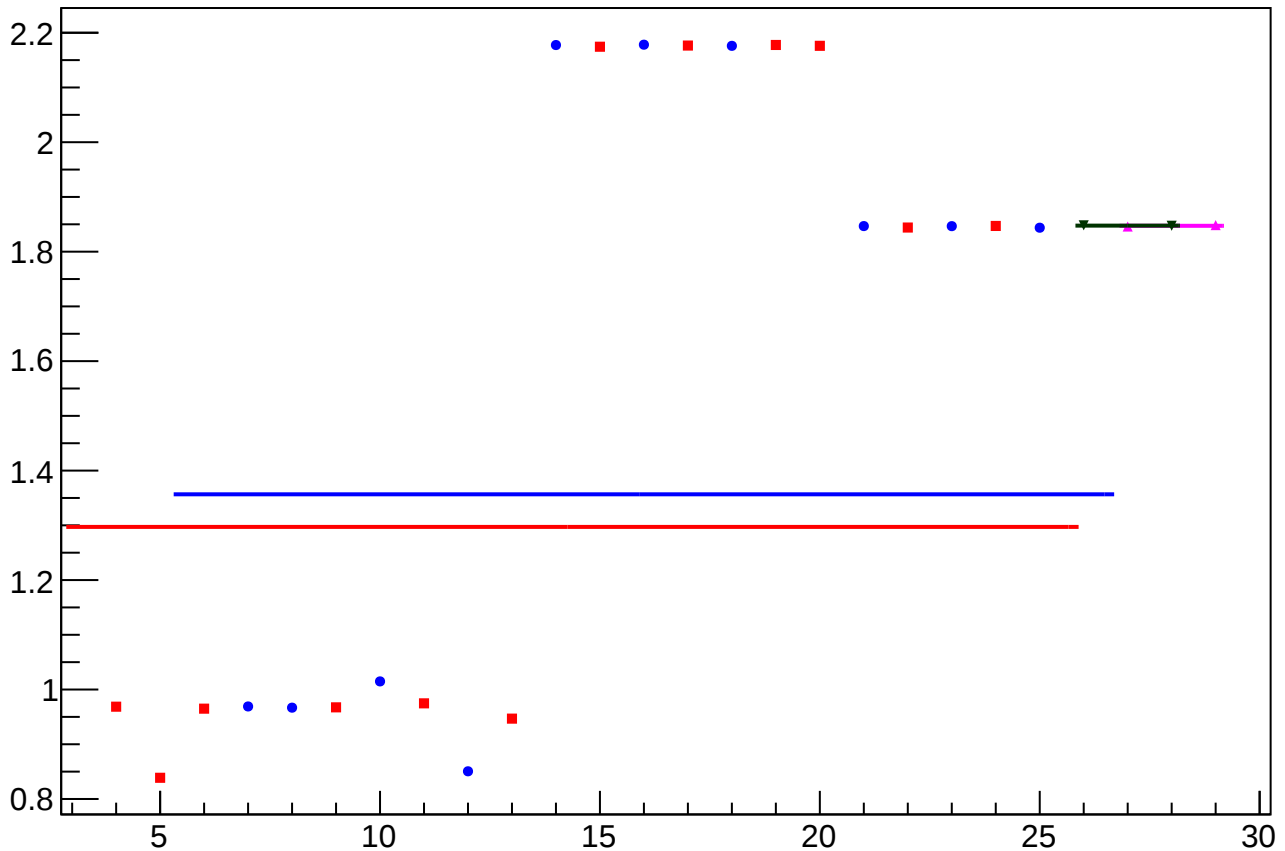
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.008+/-0.000 χ^2/NDF :3334.0/1

0.007+/-0.000 χ^2/NDF : 71032.2/11

0.007+/-0.000 χ^2/NDF : 60857.7/13

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 : 837.5/1

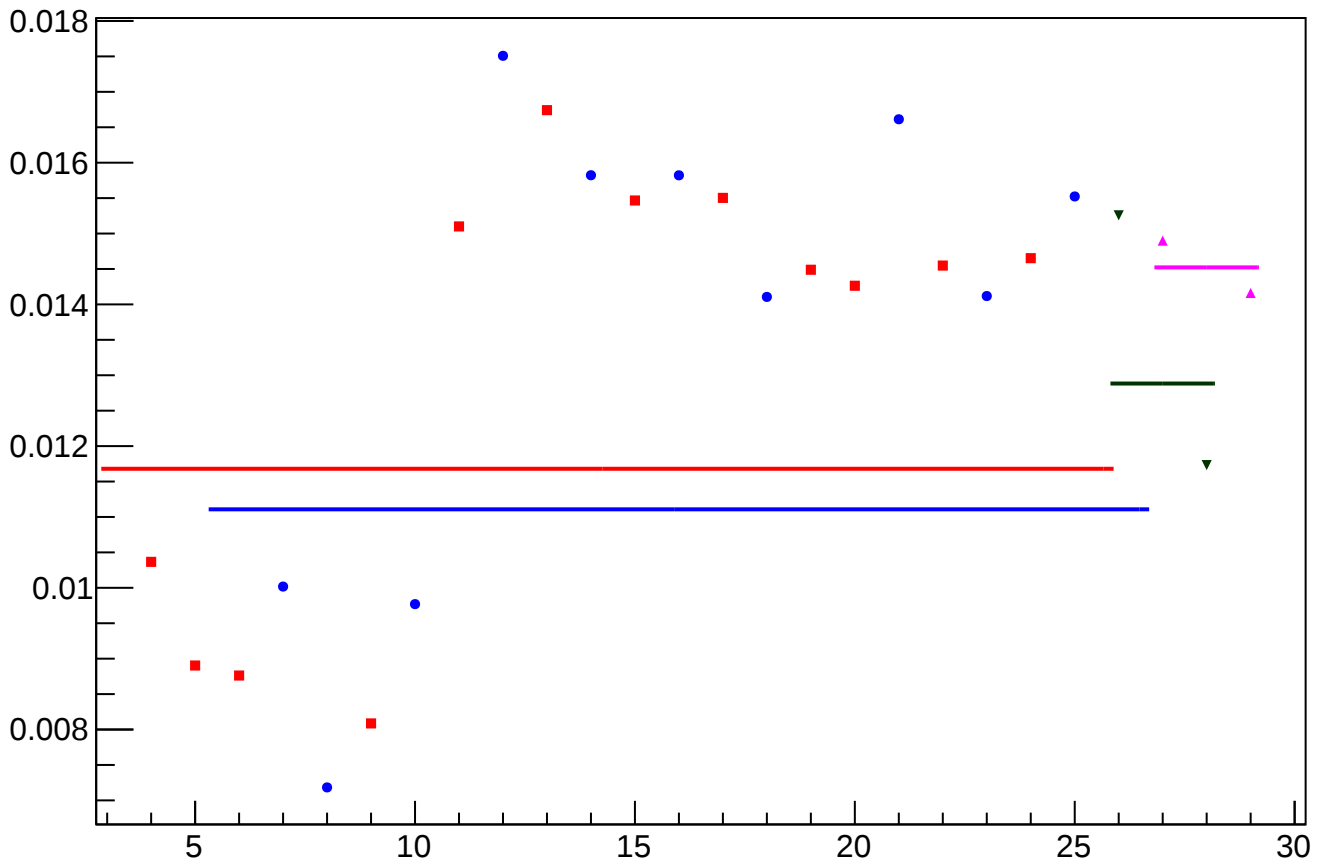
1.417+/-0.000 χ^2/NDF : 13697020912.0/11

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.383+/-0.000 χ^2/NDF : 12911356480.4/13

Left In: 1.847+/-0.000 χ^2/NDF : 12728.4/1

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1302674.8/9

Left Out: 0.013+/-0.000 χ^2/NDF : 34229.3/1

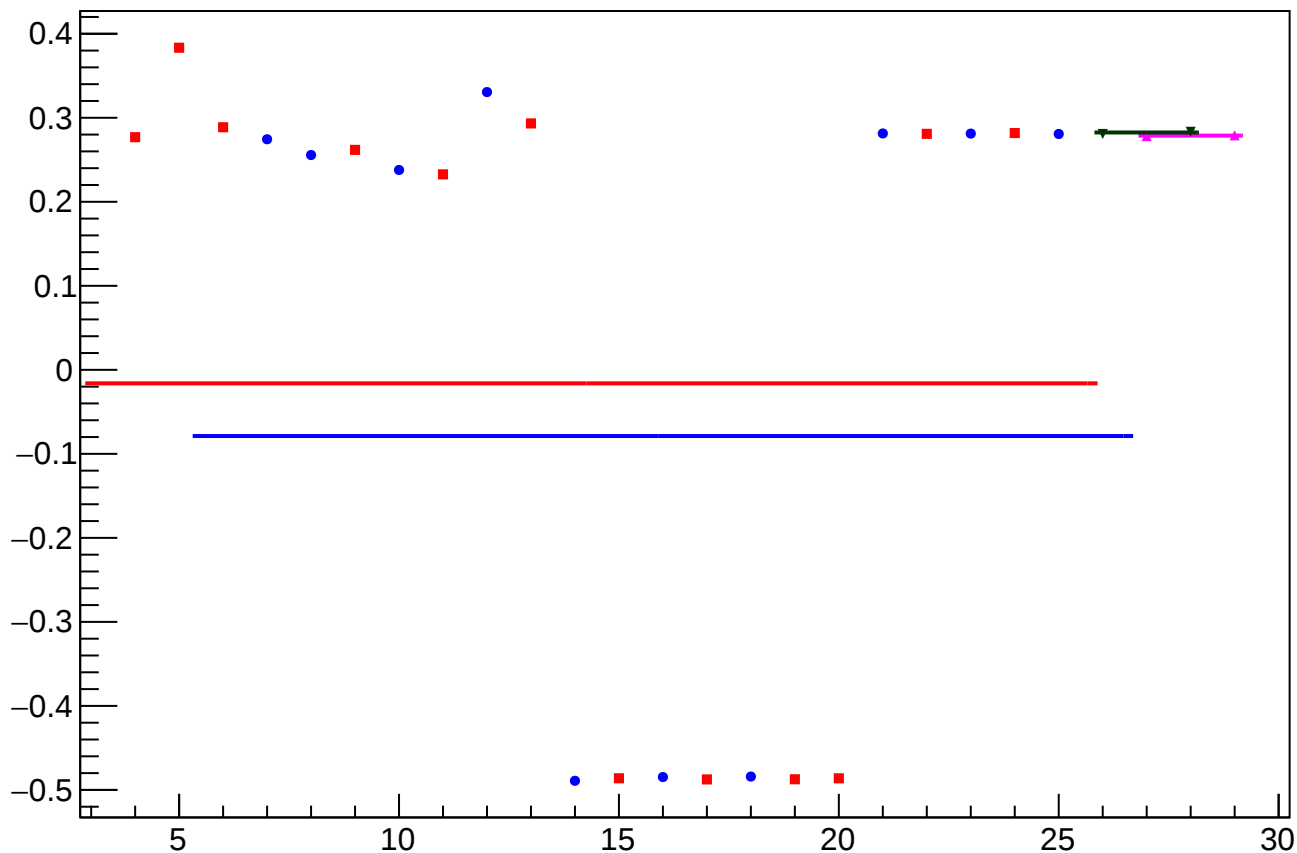
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.015+/-0.000 χ^2/NDF : 2093.9/1

0.011+/-0.000 χ^2/NDF : 1371530.8/11

0.012+/-0.000 χ^2/NDF : 1037487.6/13

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.283+/-0.000 χ^2/NDF : 2105.8/1

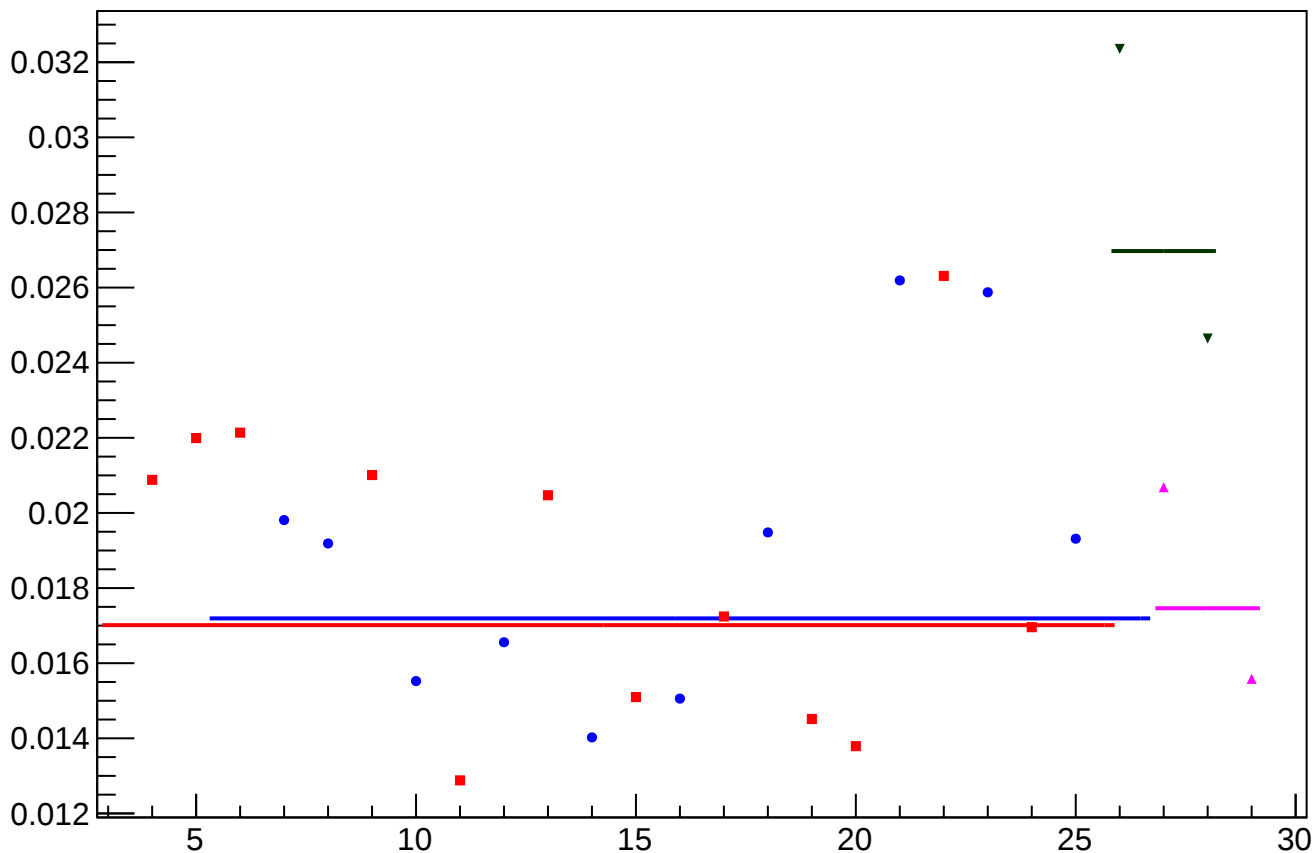
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.279+/-0.000 χ^2/NDF : 867.1/1

-0.054+/-0.000 χ^2/NDF : 3073842504.1/11

0.042+/-0.000 χ^2/NDF : 3086328205.7/13

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.027+/-0.000 χ^2/NDF : 37661.1/1

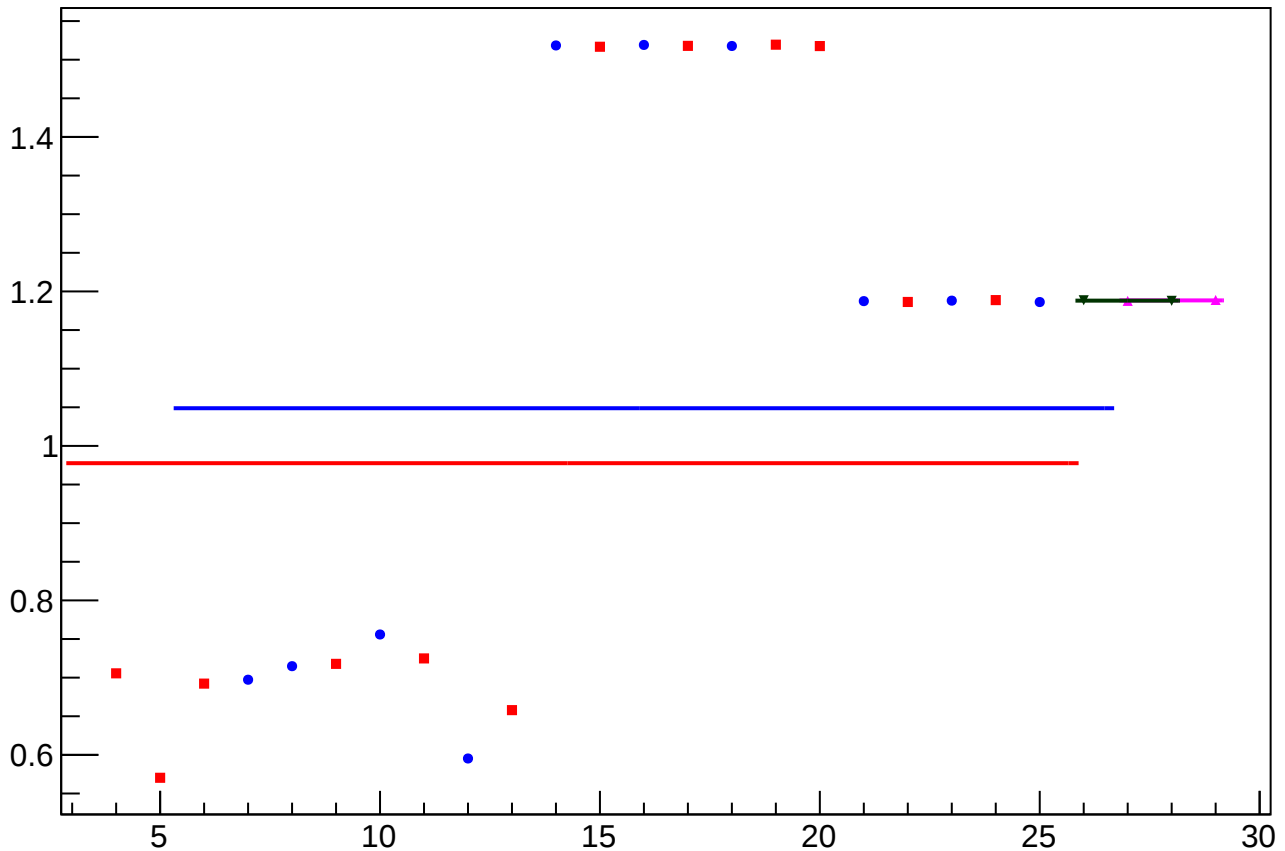
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.017+/-0.000 χ^2/NDF : 60084.6/1

0.018+/-0.000 χ^2/NDF : 784084.2/11

0.017+/-0.000 χ^2/NDF : 603673.8/13

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.188+/-0.000 χ^2/NDF :1569.5/1

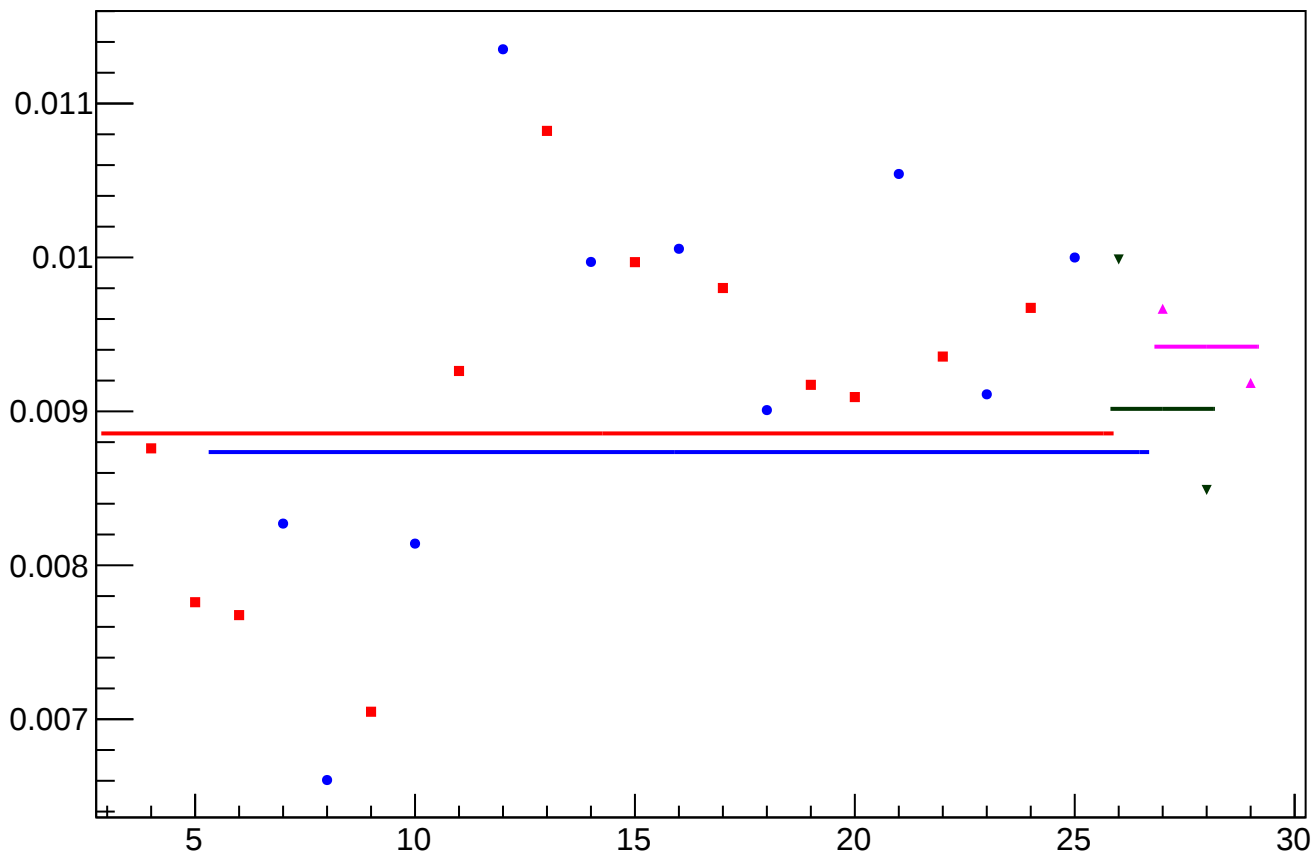
1.069+/-0.000 χ^2/NDF : 10488073981.2/11

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

1.017+/-0.000 χ^2/NDF : 10544367804.6/13

Left In: 1.188+/-0.000 χ^2/NDF :6535.0/1

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 :13635.1/1

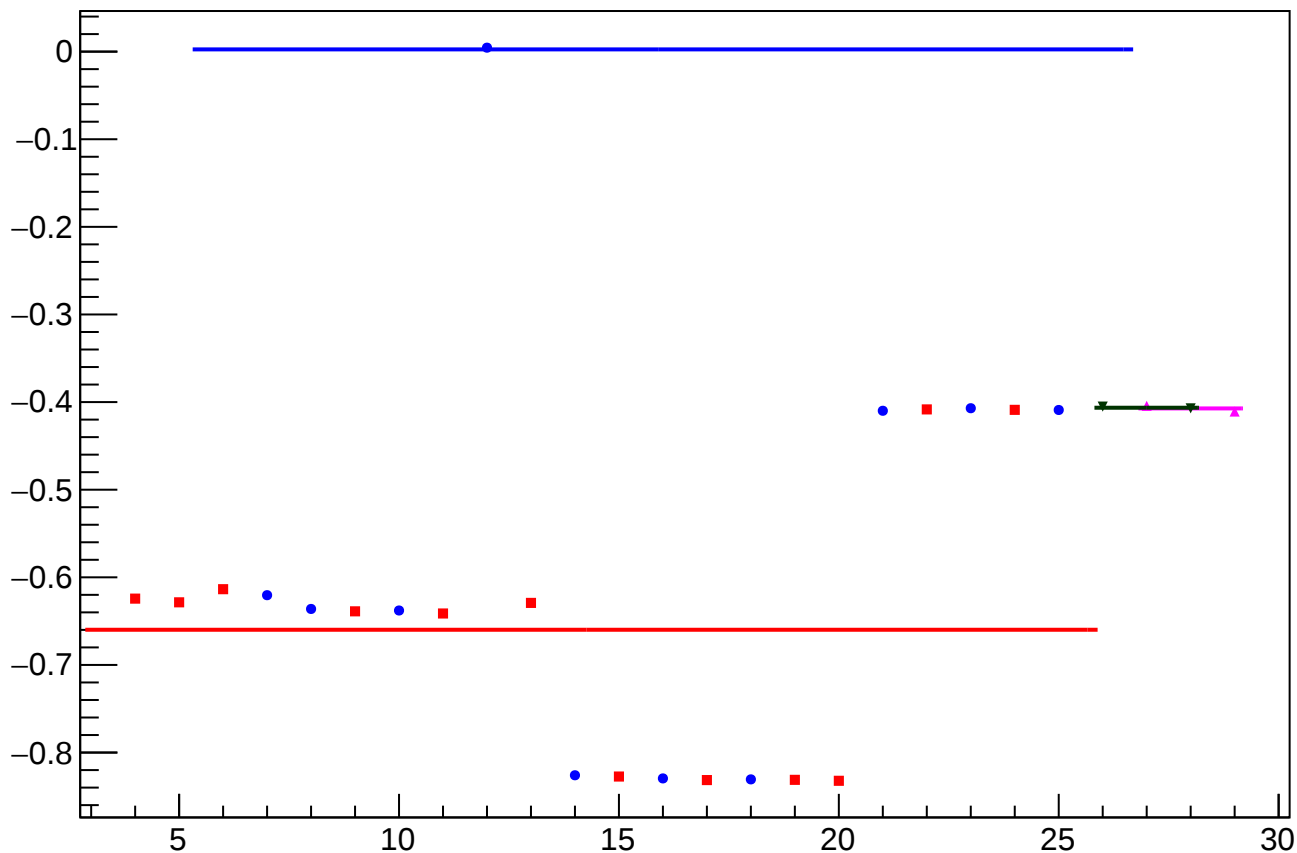
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF :2083.2/1

0.009+/-0.000 χ^2/NDF : 374931.3/11

0.009+/-0.000 χ^2/NDF : 235184.8/13

yield_bpm4acX_mean vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 51925247581.1/9

Left Out: -0.406+/-0.000 χ^2/NDF : 18276.9/1

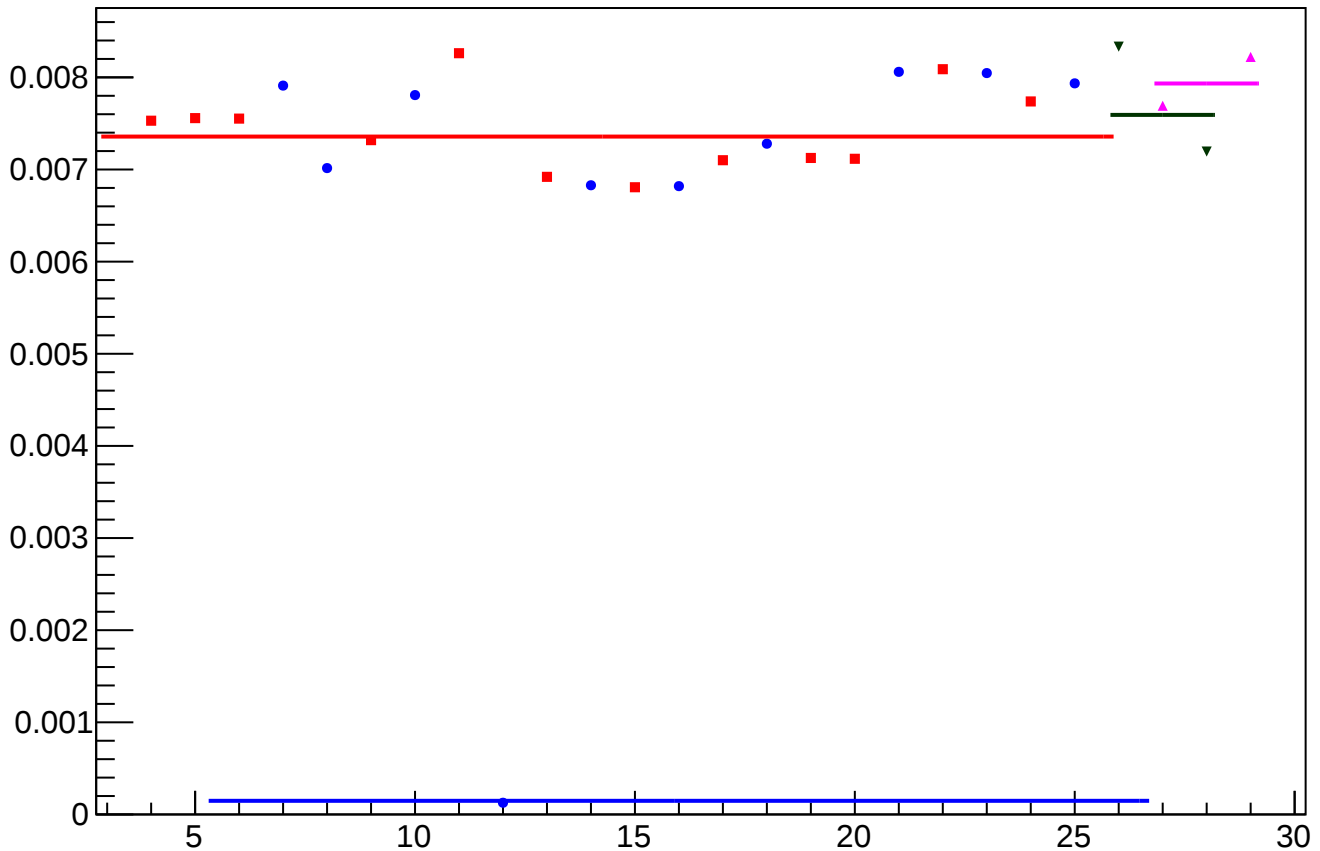
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.407+/-0.000 χ^2/NDF : 276322.5/1

0.002+/-0.000 χ^2/NDF : 55290751636.4/11

-0.614+/-0.000 χ^2/NDF : 3625097106.7/13

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11156093.4/9

Left Out: 0.008+/-0.000 χ^2/NDF :11863.7/1

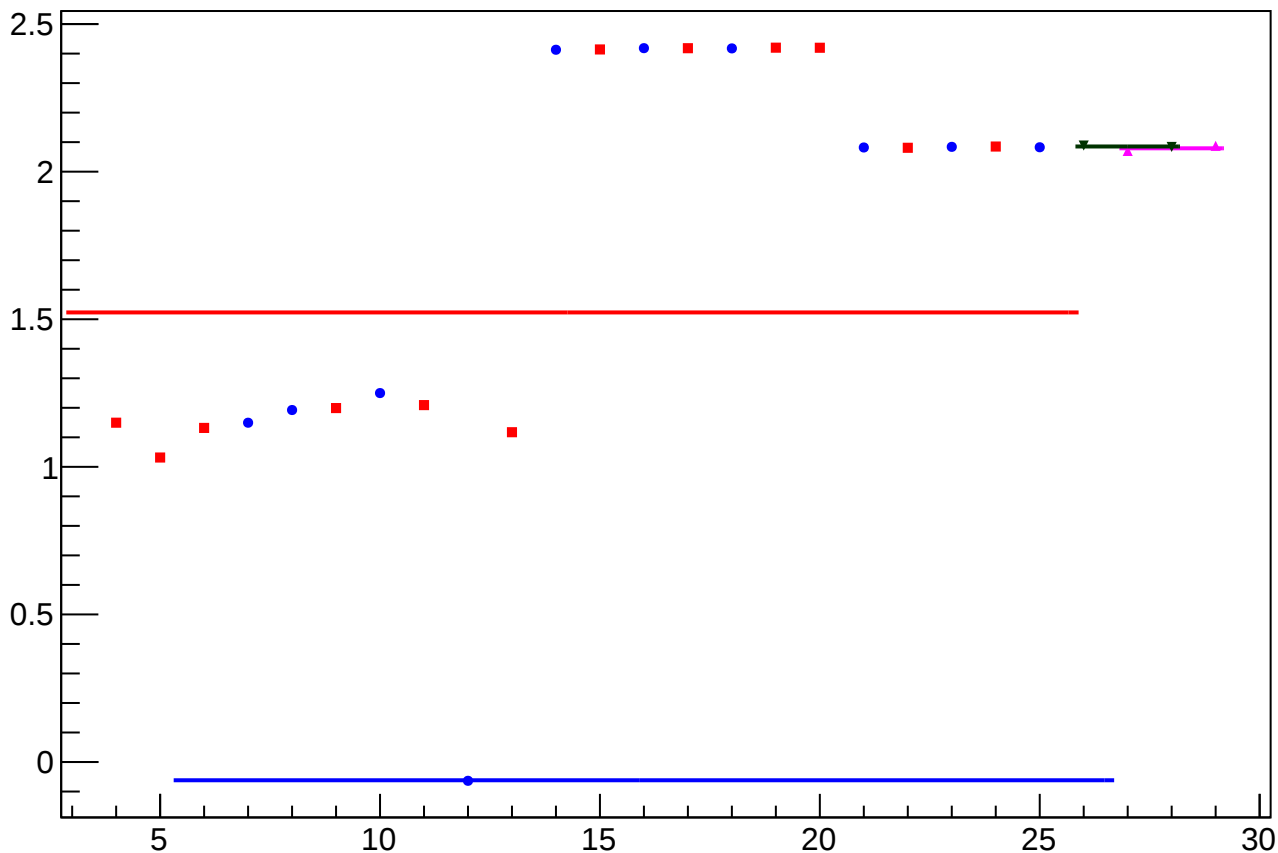
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.008+/-0.000 χ^2/NDF :3661.2/1

0.000+/-0.000 χ^2/NDF : 13398161.7/11

0.007+/-0.000 χ^2/NDF : 64840.4/13

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.085+/-0.000 χ^2/NDF :30024.1/1

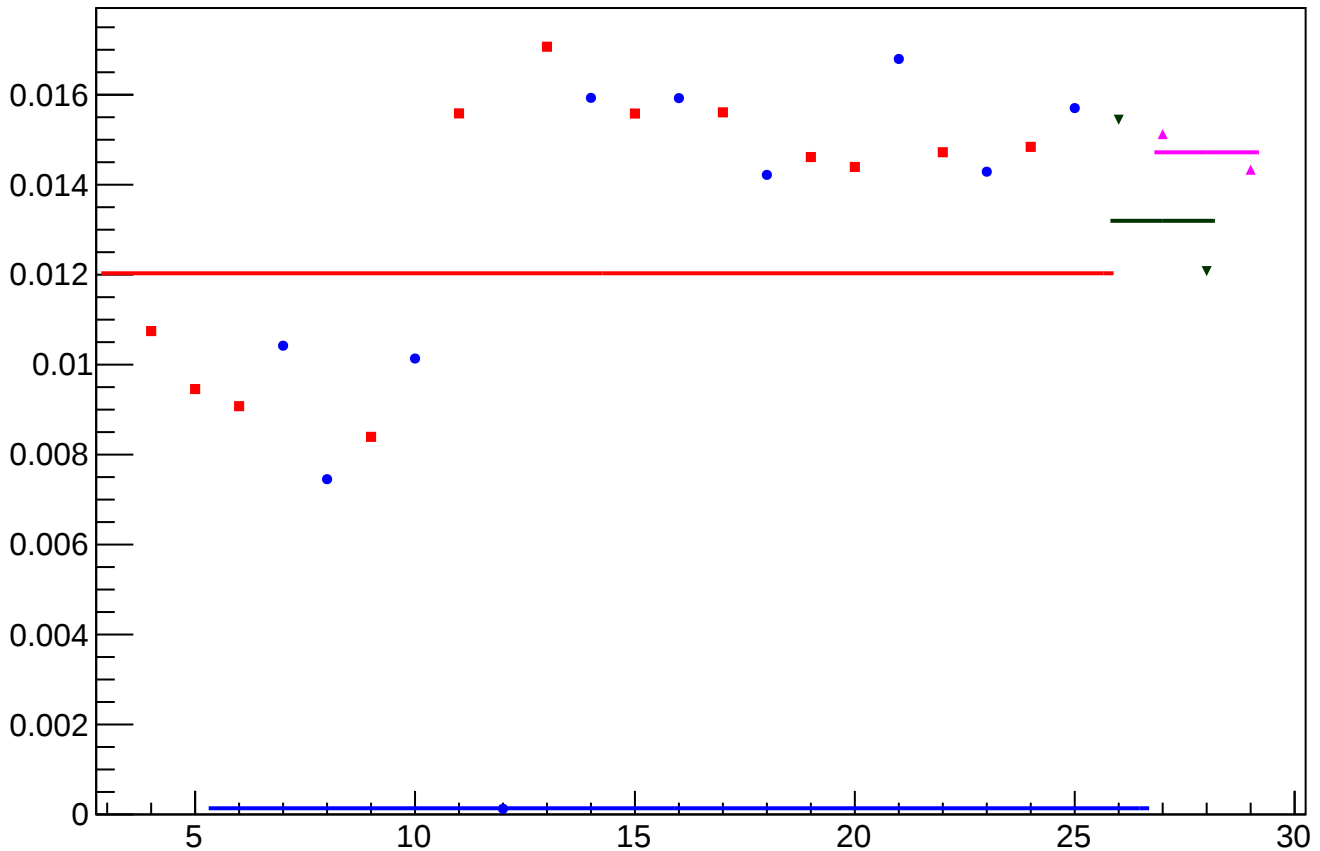
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.079+/-0.000 χ^2/NDF :561043.8/1

-0.061+/-0.000 χ^2/NDF : 154698344213.4/11

1.611+/-0.000 χ^2/NDF : 13302495992.4/13

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.013+/-0.000 χ^2/NDF : 30197.8/1

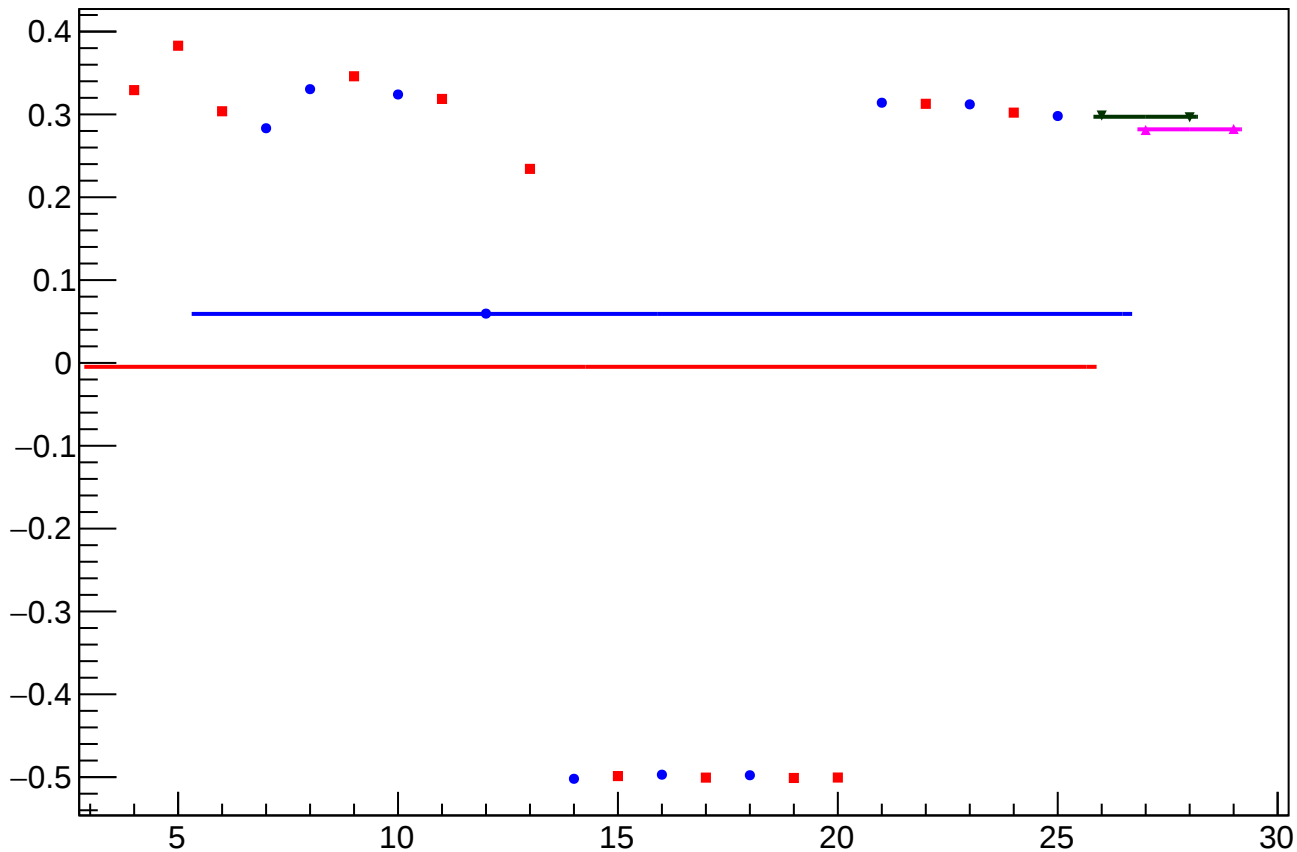
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 2341.7/1

0.000+/-0.000 χ^2/NDF : 12974660.9/11

0.012+/-0.000 χ^2/NDF : 951832.4/13

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3541111693.7/9

Left Out: 0.297+/-0.000 χ^2/NDF :1447.5/1

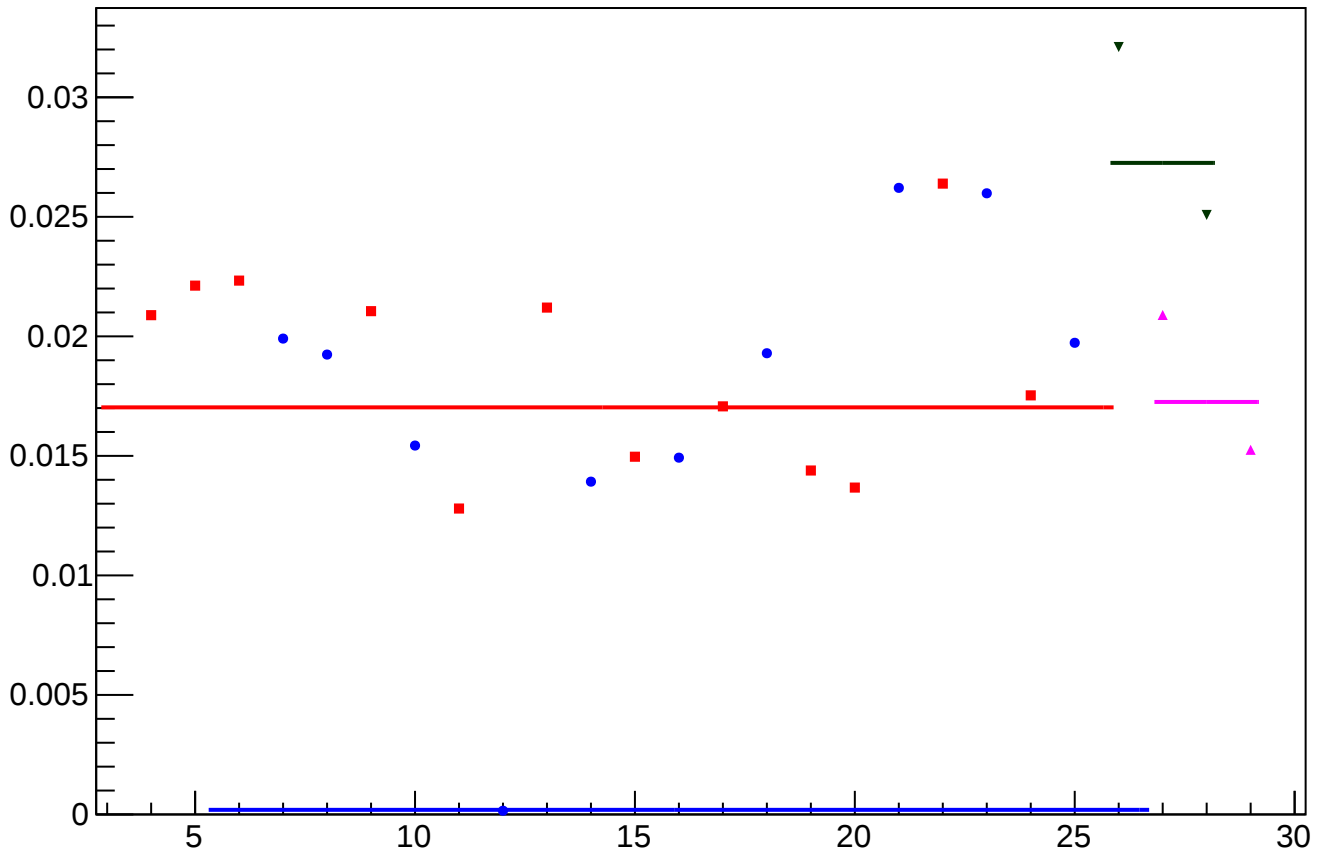
Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

Left In: 0.282+/-0.000 χ^2/NDF :1726.3/1

0.059+/-0.000 χ^2/NDF : 3624788889.9/11

0.053+/-0.000 χ^2/NDF : 3476886665.4/13

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10989835.4/9

Left Out: 0.027+/-0.000 χ^2/NDF : 31186.0/1

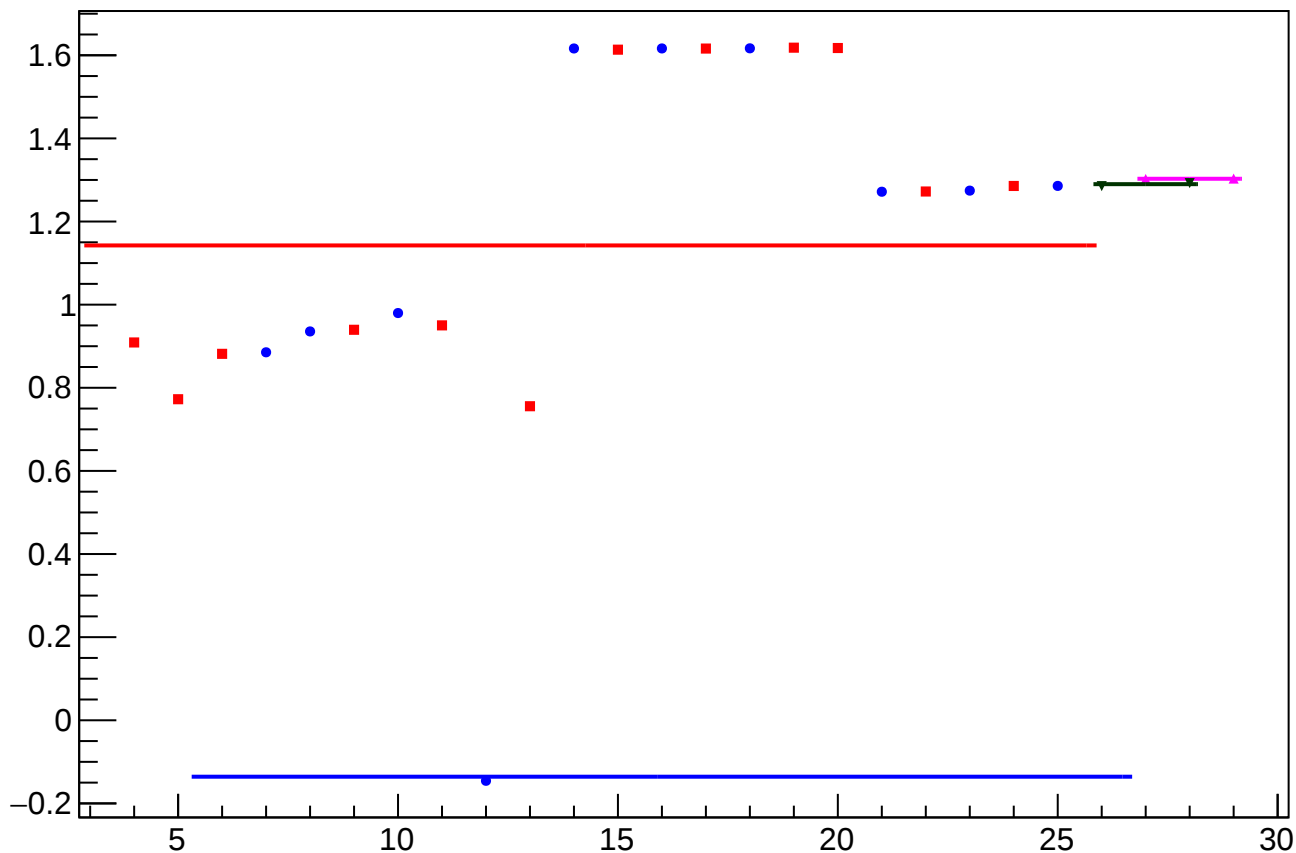
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.017+/-0.000 χ^2/NDF : 74564.5/1

0.000+/-0.000 χ^2/NDF : 13185003.5/11

0.017+/-0.000 χ^2/NDF : 659577.1/13

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.290+/-0.000 χ^2/NDF :102841.3/1

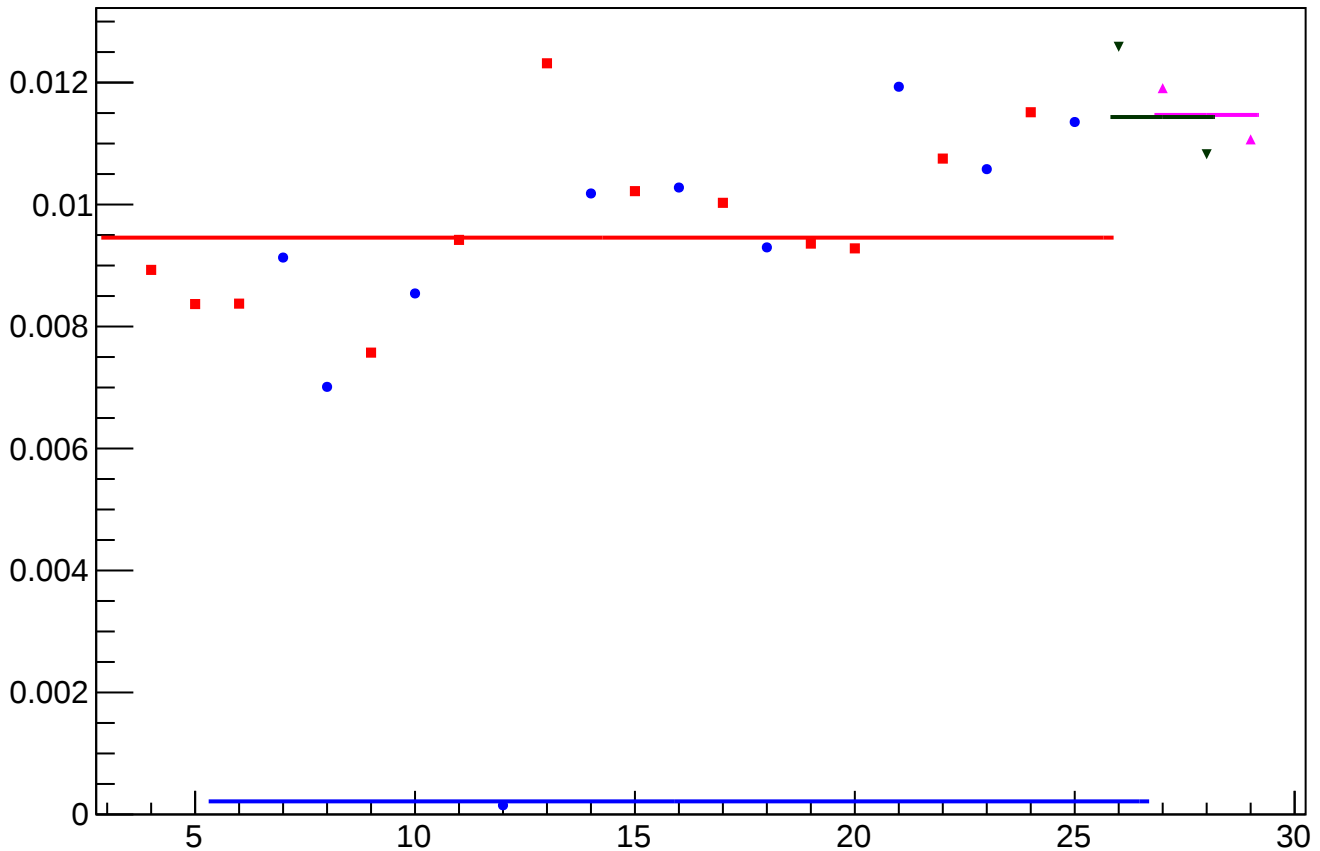
Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

Left In: 1.303+/-0.000 χ^2/NDF :2990.7/1

-0.134+/-0.000 χ^2/NDF : 148367660983.9/11

1.167+/-0.000 χ^2/NDF : 7280366354.3/13

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10811399.3/9

Left Out: 0.011+/-0.000 χ^2/NDF :11925.1/1

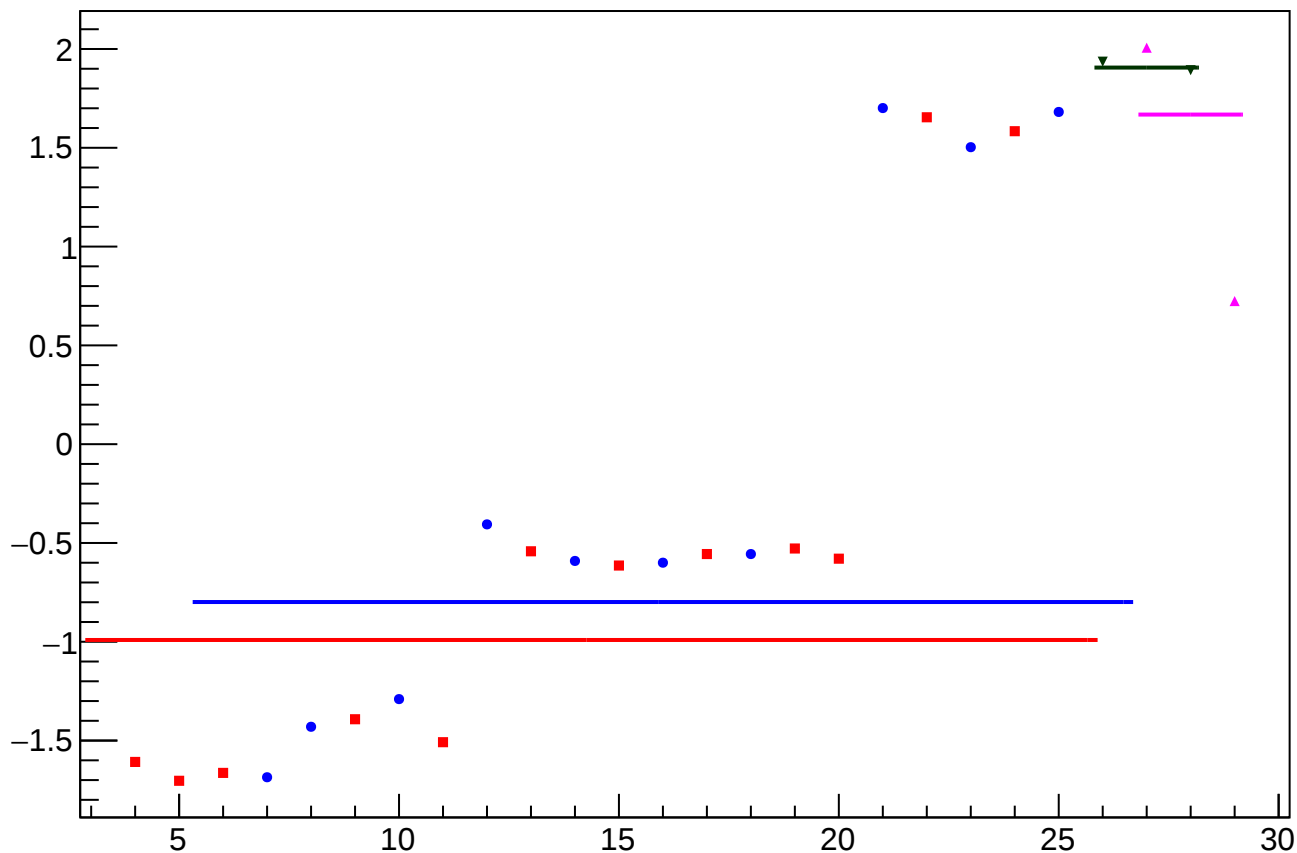
Right Out: 0.009+/-0.000 χ^2/NDF : 269492.1/11

Left In: 0.011+/-0.000 χ^2/NDF :4286.0/1

0.000+/-0.000 χ^2/NDF : 12956866.7/11

0.010+/-0.000 χ^2/NDF : 357255.0/13

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 1.906+/-0.000 χ^2/NDF :38053.7/1

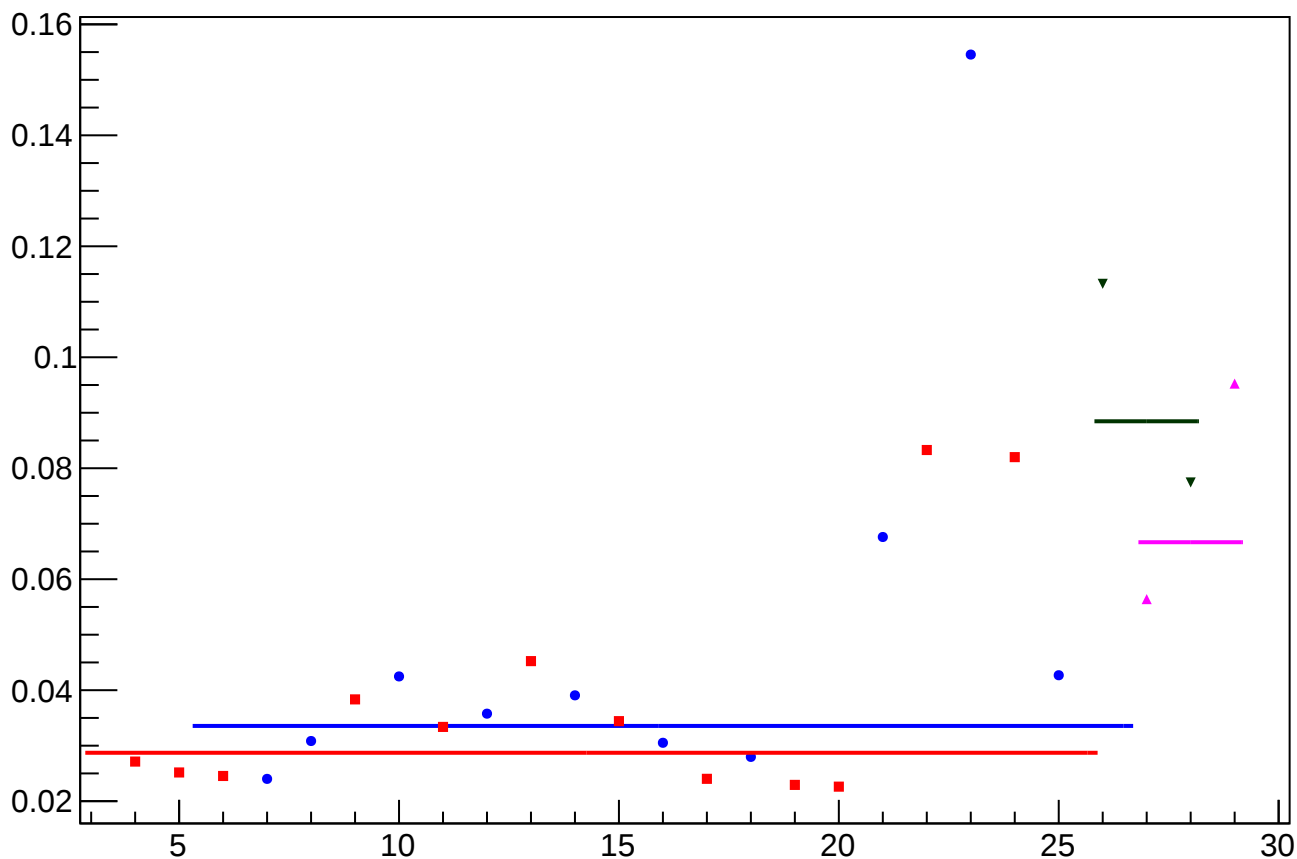
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 1.668+/-0.000 χ^2/NDF :71246856.3/1

-0.733+/-0.000 χ^2/NDF : 2791771358.4/11

-0.885+/-0.000 χ^2/NDF : 3601924827.0/13

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.088+/-0.000 χ^2/NDF : 52301.7/1

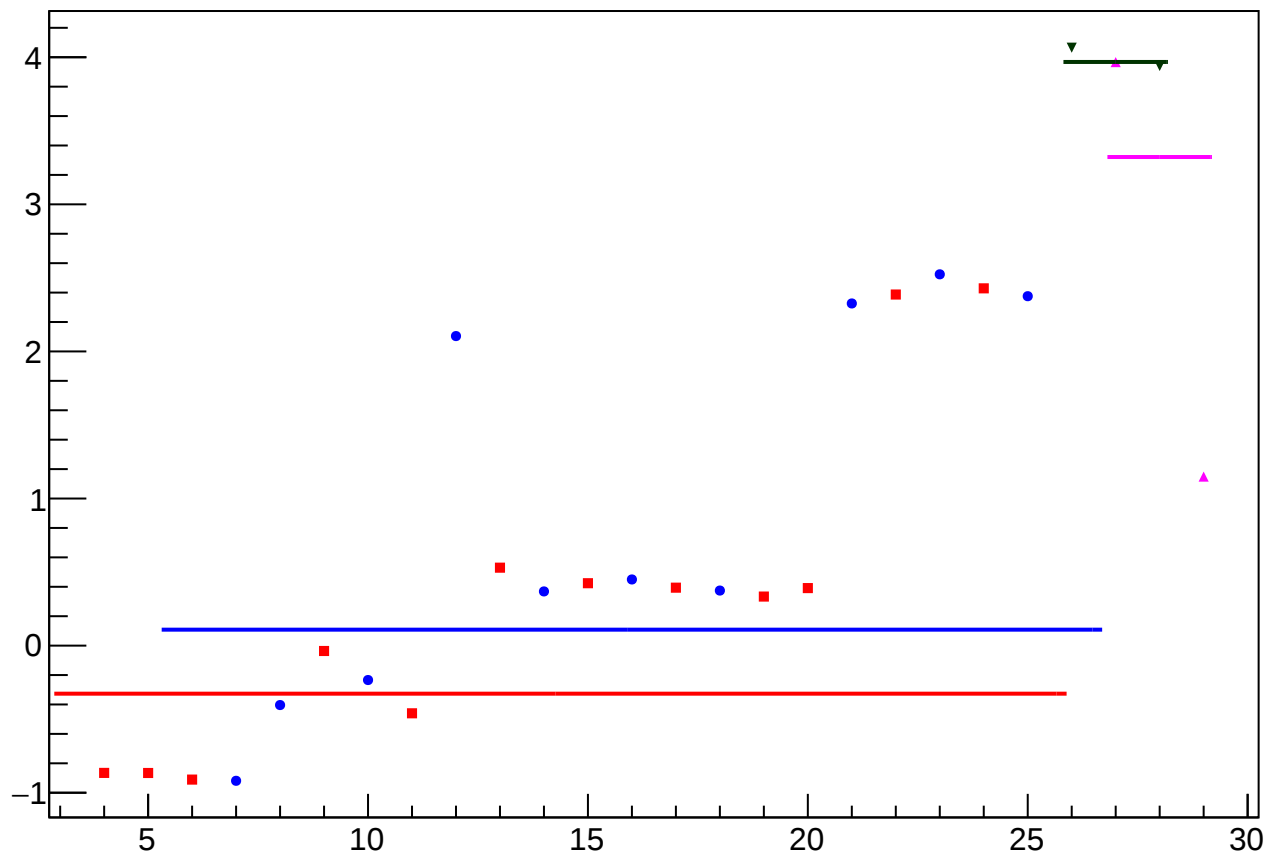
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.067+/-0.000 χ^2/NDF : 130724.6/1

0.035+/-0.000 χ^2/NDF : 1649273.3/11

0.030+/-0.000 χ^2/NDF : 1712442.9/13

yield_bpm1Y_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 8111501728.9/9

Left Out: 3.968+/-0.000 χ^2/NDF : 671710.7/1

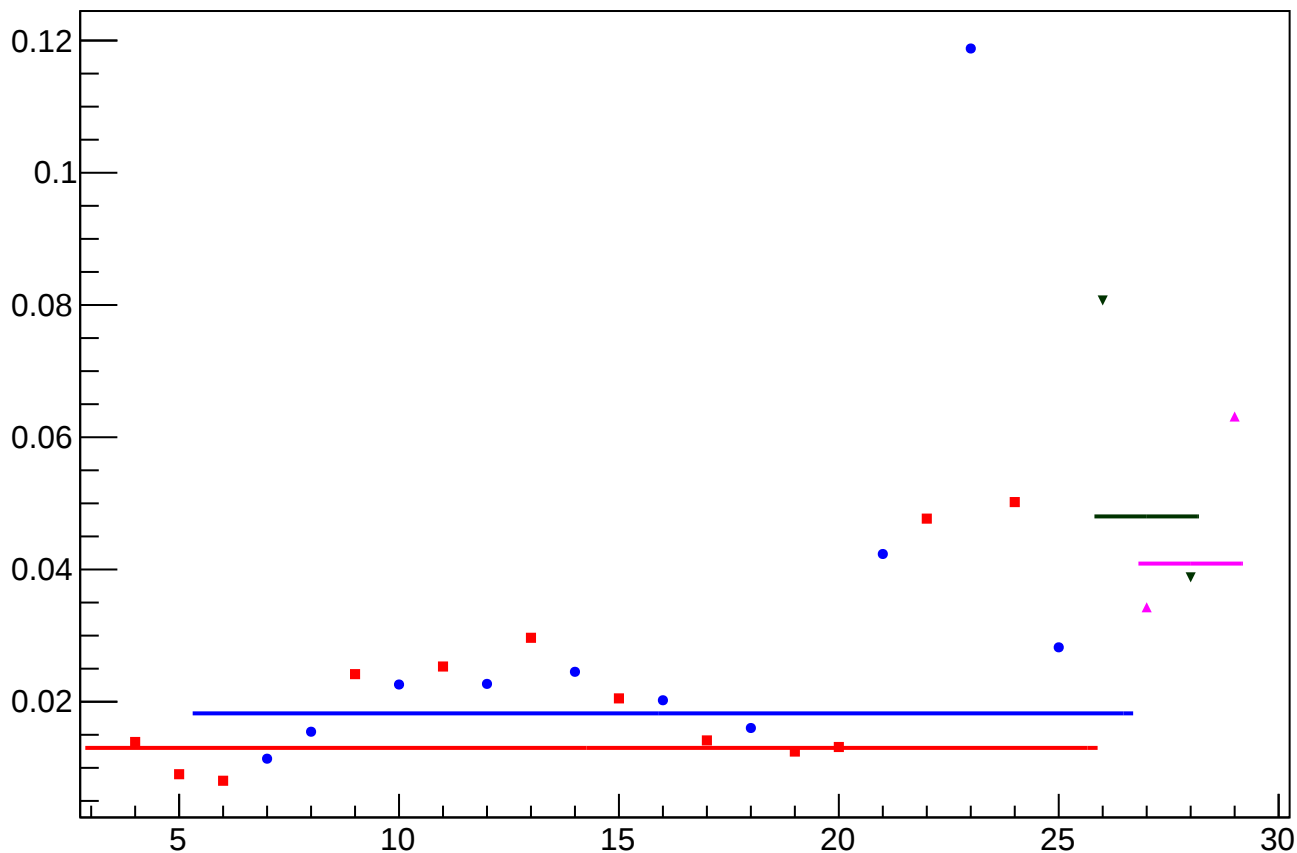
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 3.322+/-0.000 χ^2/NDF : 720673674.7/1

0.195+/-0.000 χ^2/NDF : 11794862042.1/11

-0.239+/-0.000 χ^2/NDF : 16686412522.0/13

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.048+/-0.000 χ^2/NDF : 152245.3/1

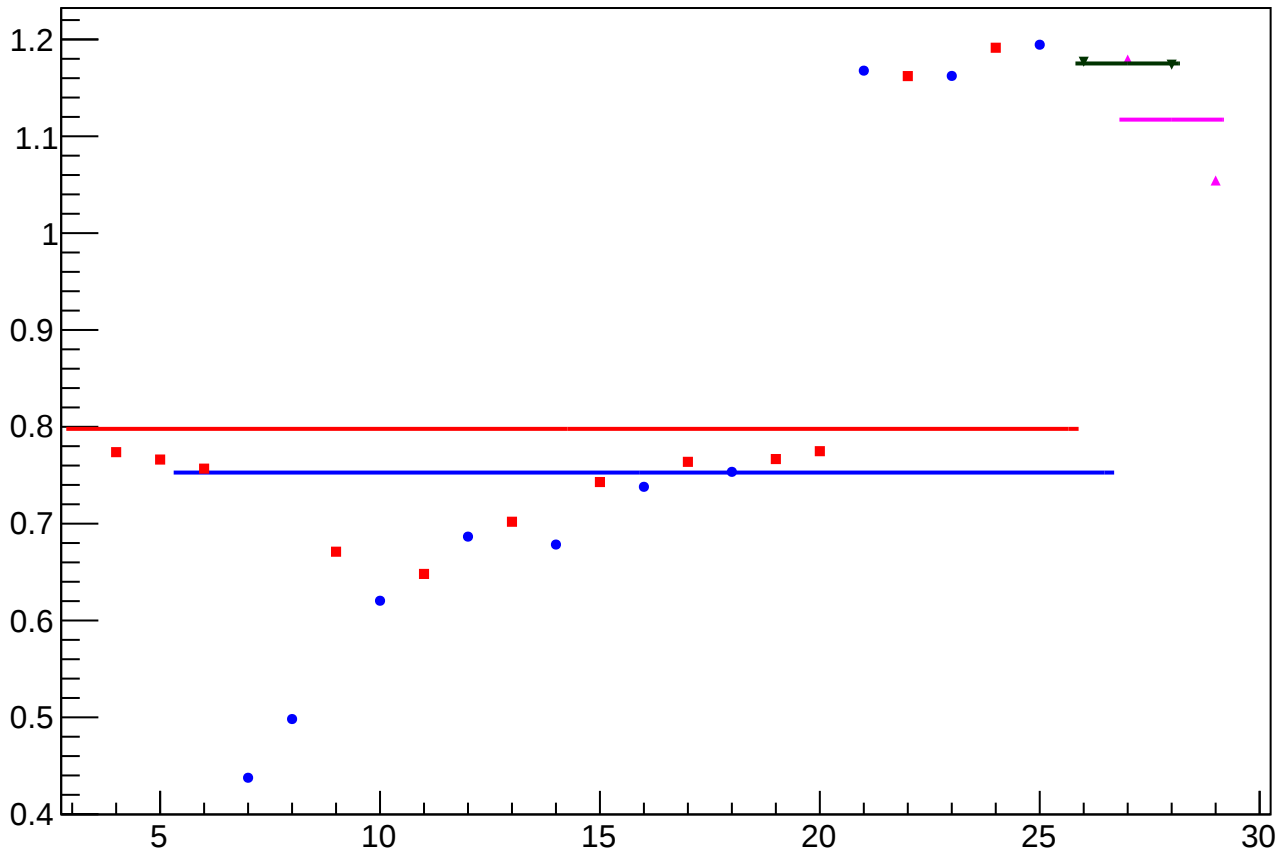
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.041+/-0.000 χ^2/NDF : 151083.4/1

0.019+/-0.000 χ^2/NDF : 1911472.8/11

0.014+/-0.000 χ^2/NDF : 2788312.1/13

yield_bpm11X_mean vs slug



Right In: 0.753 ± 0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.175 ± 0.000 χ^2/NDF : 4932.9/1

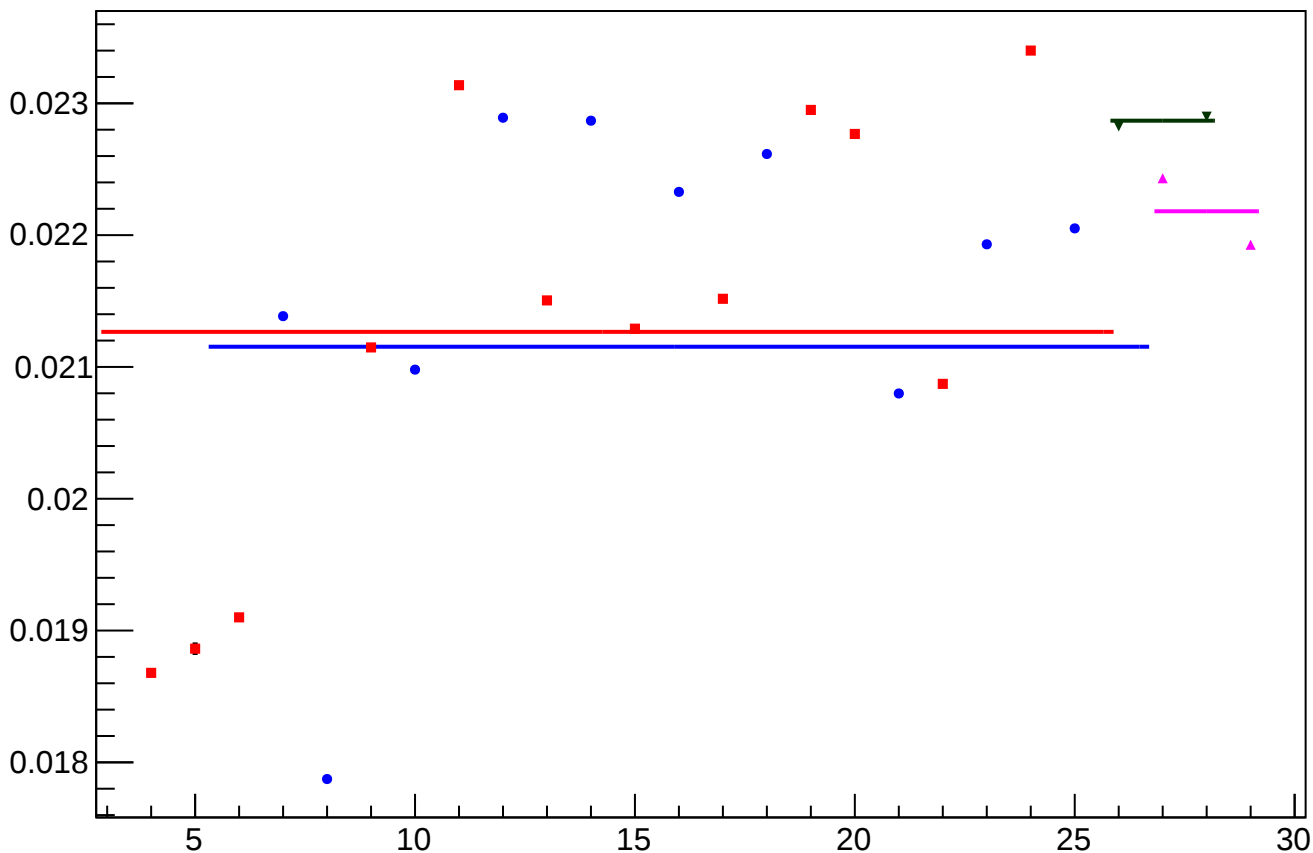
0.811 ± 0.000 χ^2/NDF : 1185329829.8/11

Right Out: 0.798 ± 0.000 χ^2/NDF : 394047843.5/11

0.860 ± 0.000 χ^2/NDF : 679795672.5/13

Left In: 1.117 ± 0.000 χ^2/NDF : 12957290.3/1

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 : 5.9/1

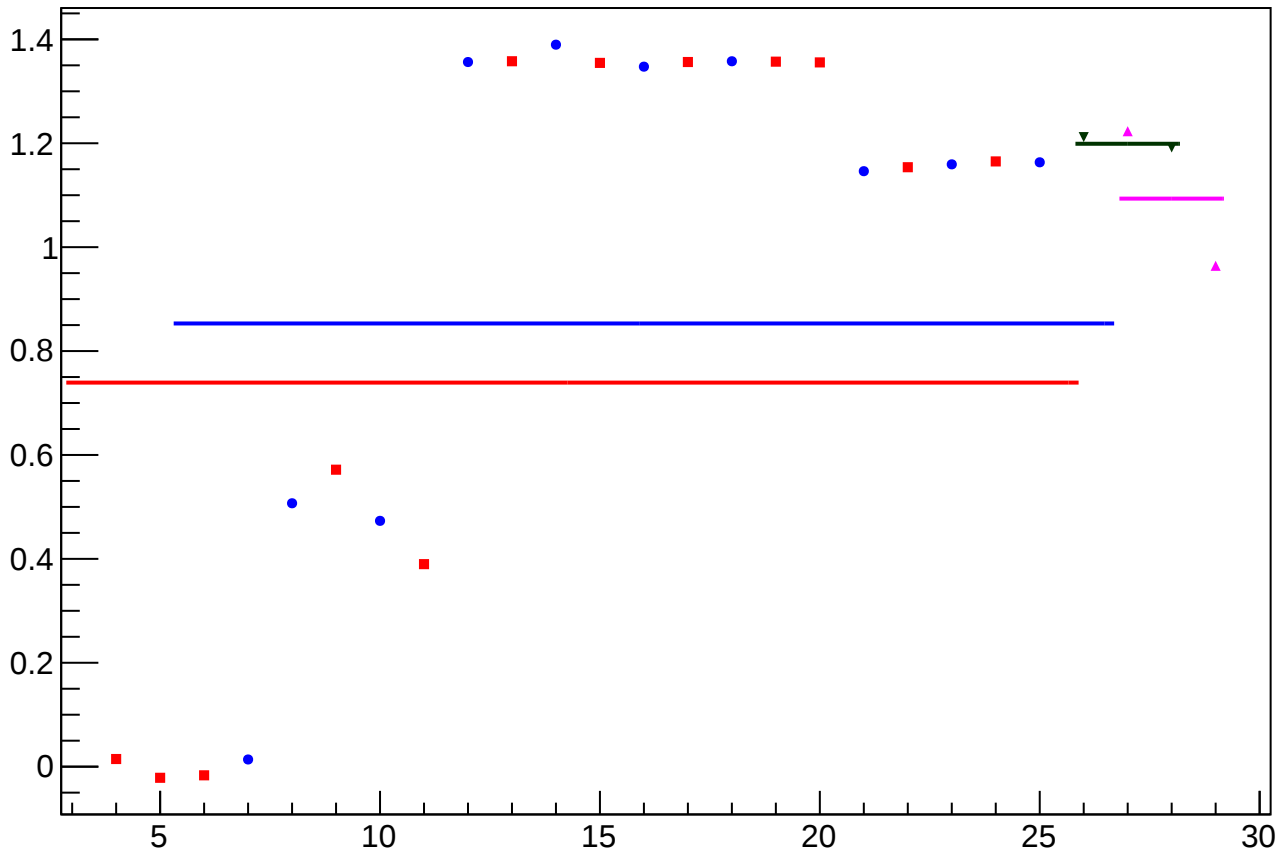
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.022+/-0.000 χ^2/NDF : 423.0/1

0.021+/-0.000 χ^2/NDF : 100589.5/11

0.021+/-0.000 χ^2/NDF : 63507.9/13

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 1.199+/-0.000 χ^2/NDF : 7490231.1/1

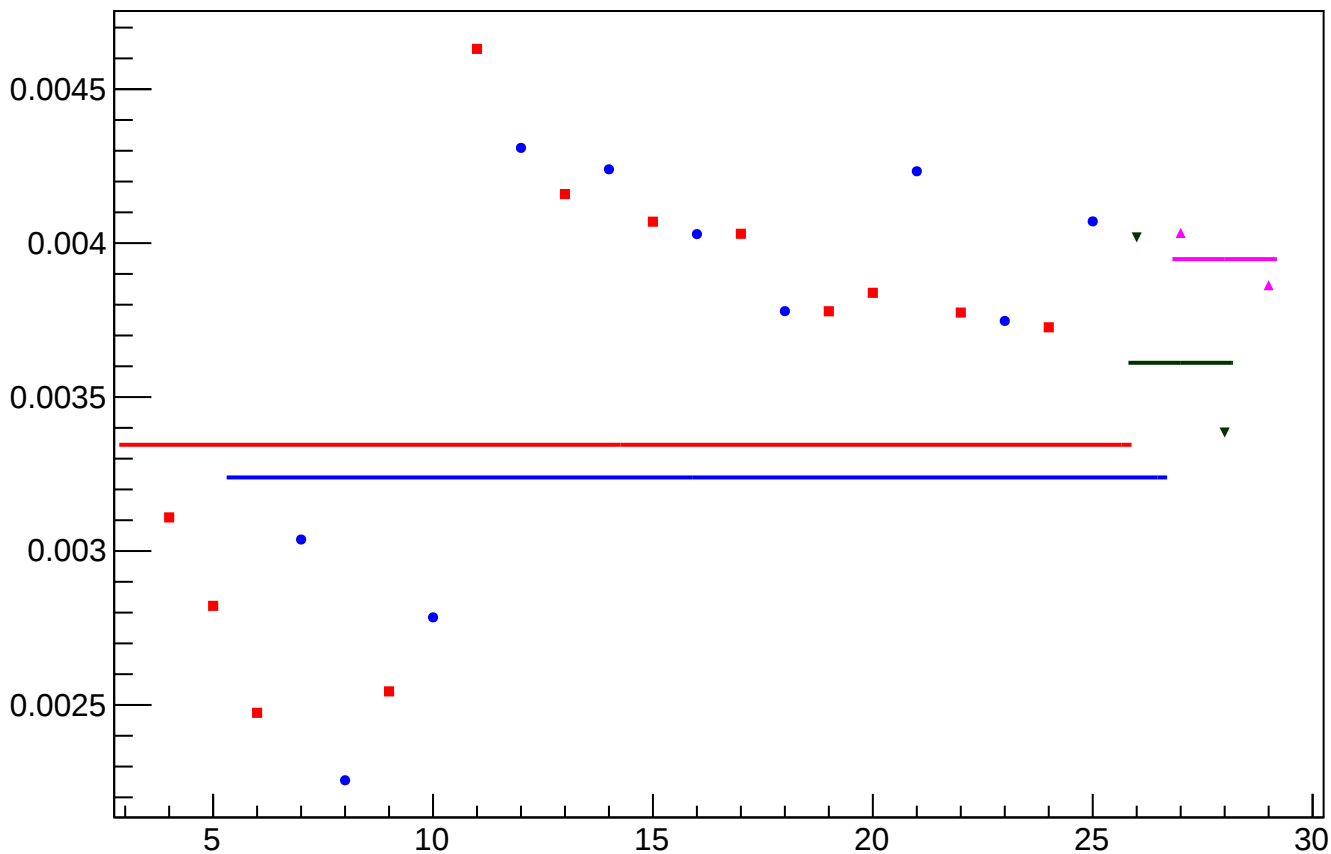
0.898+/-0.000 χ^2/NDF : 113344824296.1/11

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.797+/-0.000 χ^2/NDF : 175707714672.2/13

Left In: 1.093+/-0.000 χ^2/NDF : 1732847274.7/1

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 :15199.8/1

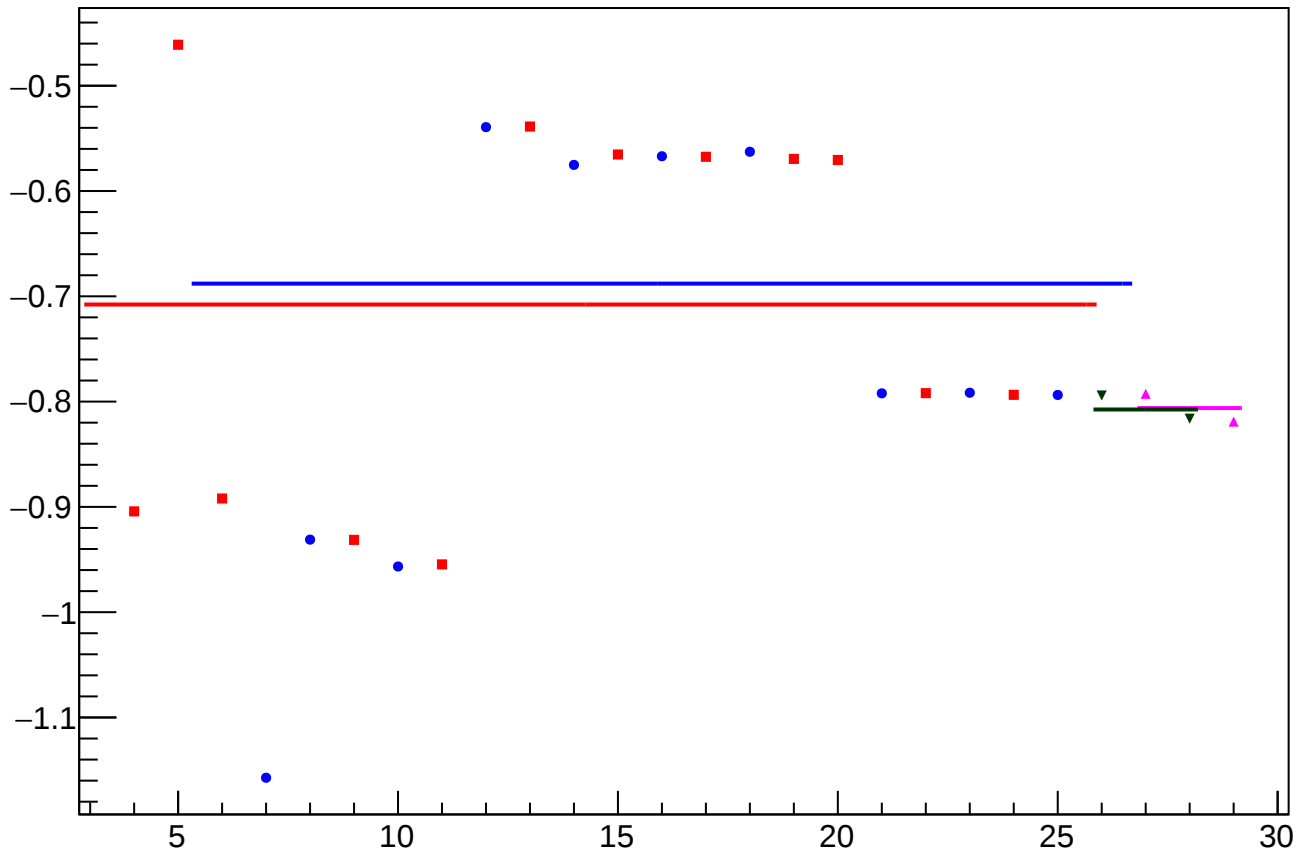
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF :1487.8/1

0.003+/-0.000 χ^2/NDF : 780768.5/11

0.003+/-0.000 χ^2/NDF : 638777.6/13

yield_bpm12X_mean vs slug



Right In: -0.688 ± 0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.807 ± 0.000 χ^2/NDF : 2018902.9/1

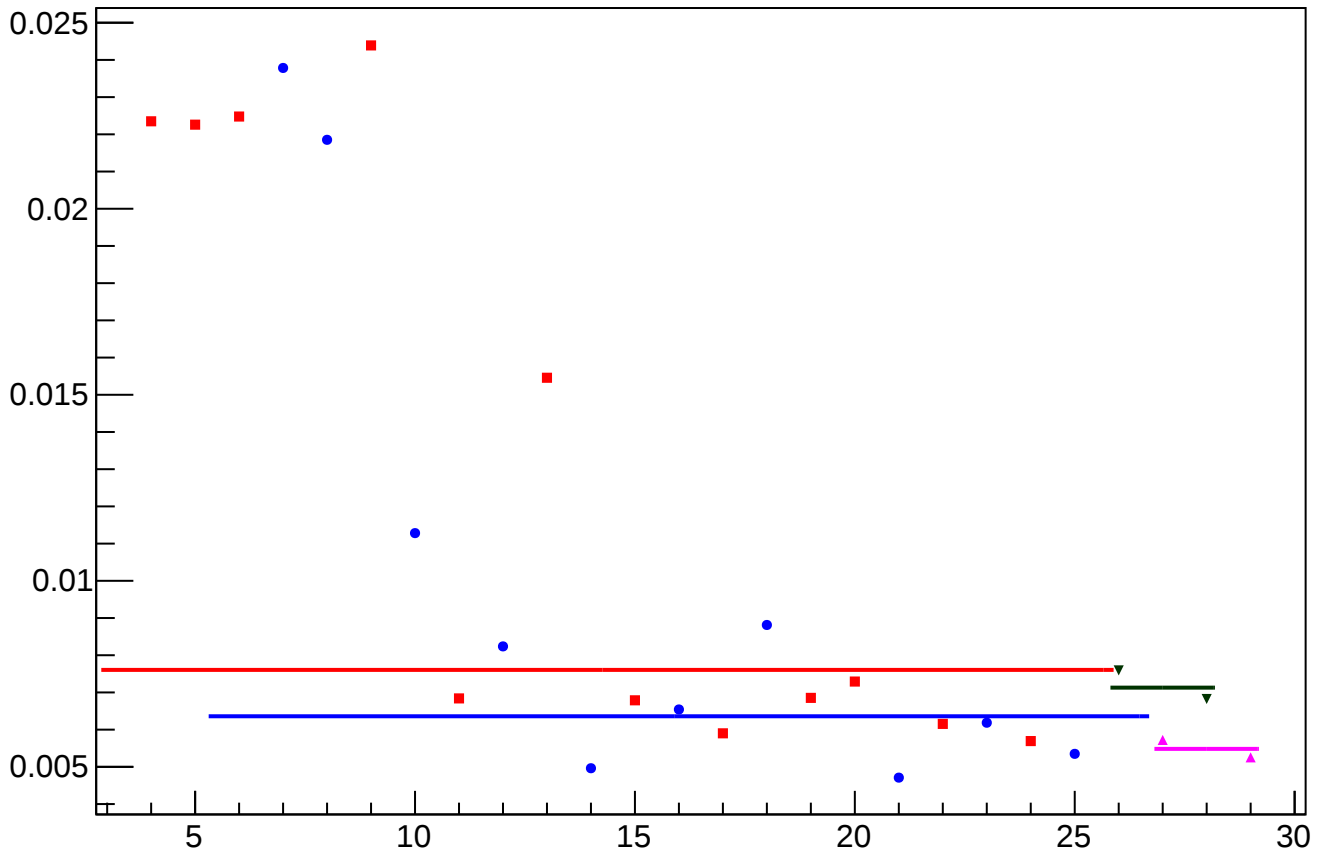
-0.705 ± 0.000 χ^2/NDF : 2050920660.1/11

Right Out: -0.708 ± 0.000 χ^2/NDF : 1719681121.8/11

-0.742 ± 0.000 χ^2/NDF : 1974946470.4/13

Left In: -0.806 ± 0.000 χ^2/NDF : 6903696.1/1

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 : 4926.0/1

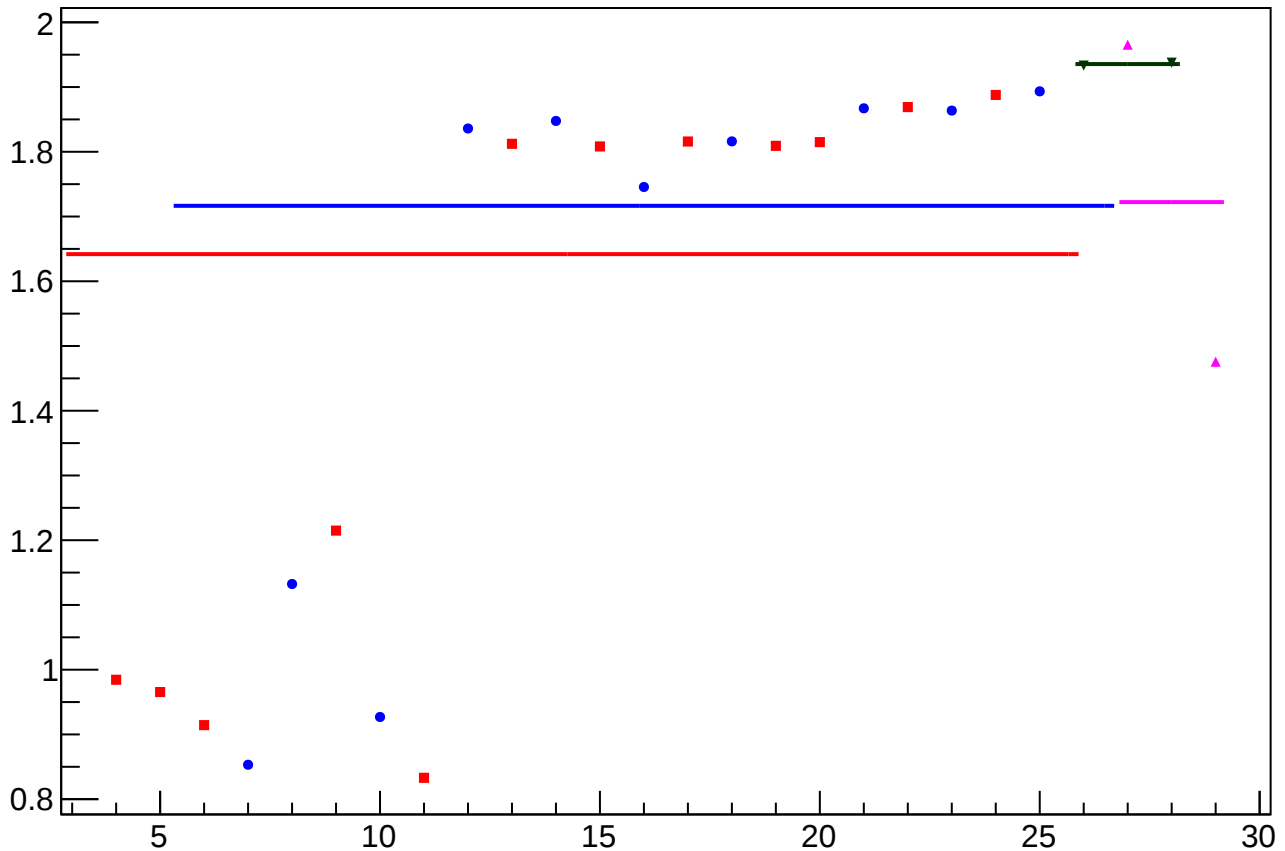
Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

Left In: 0.005+/-0.000 χ^2/NDF : 4333.3/1

0.006+/-0.000 χ^2/NDF : 1855777.1/11

0.007+/-0.000 χ^2/NDF : 2529786.3/13

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2/NDF : 10938016030.0/9

Left Out: 1.935 $\pm$ 0.000 χ^2/NDF : 115584.7/1

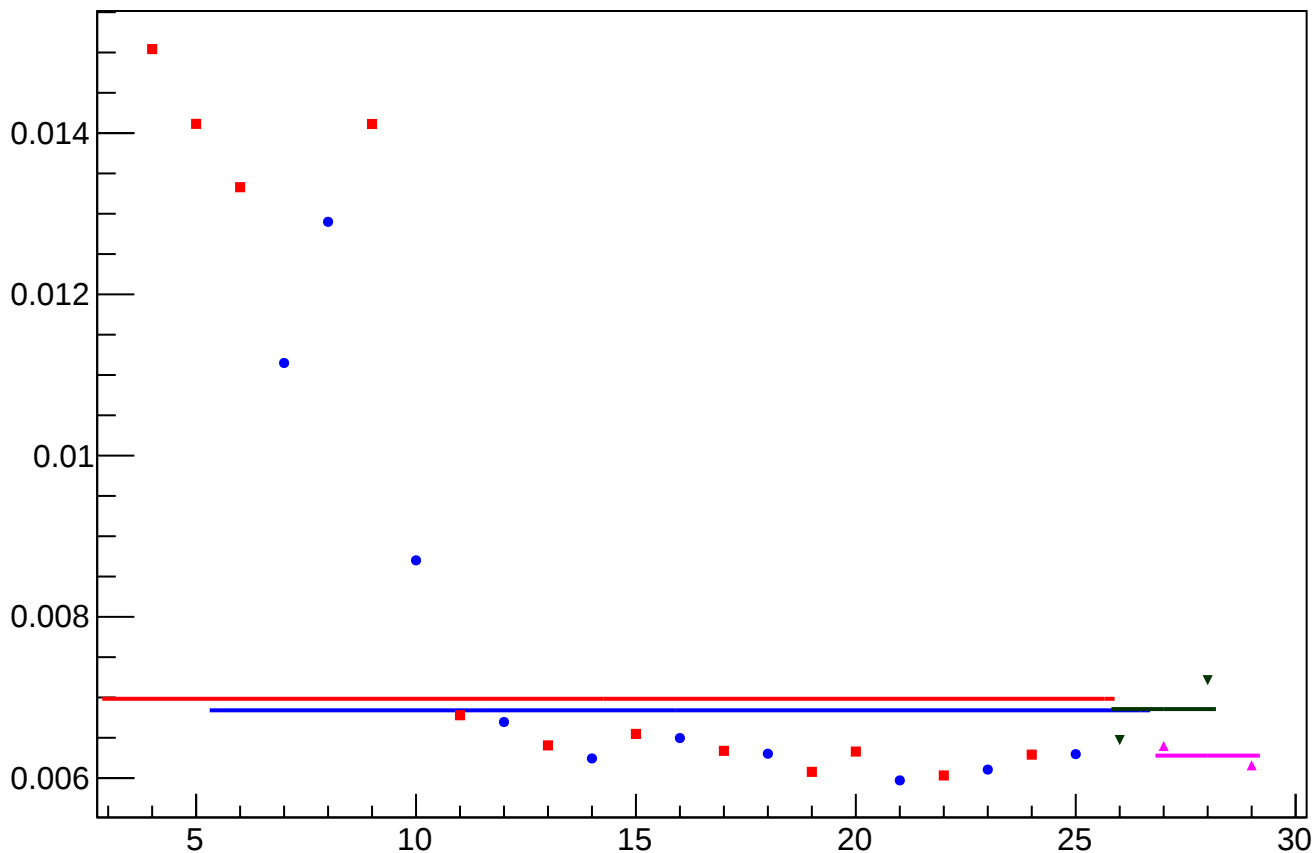
1.752 $\pm$ 0.000 χ^2/NDF : 11860058977.4/11

Right Out: 1.642 $\pm$ 0.000 χ^2/NDF : 15751478429.4/11

1.663 $\pm$ 0.000 χ^2/NDF : 18240535911.4/13

Left In: 1.722 $\pm$ 0.000 χ^2/NDF : 2304561848.9/1

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 : 6309.0/1

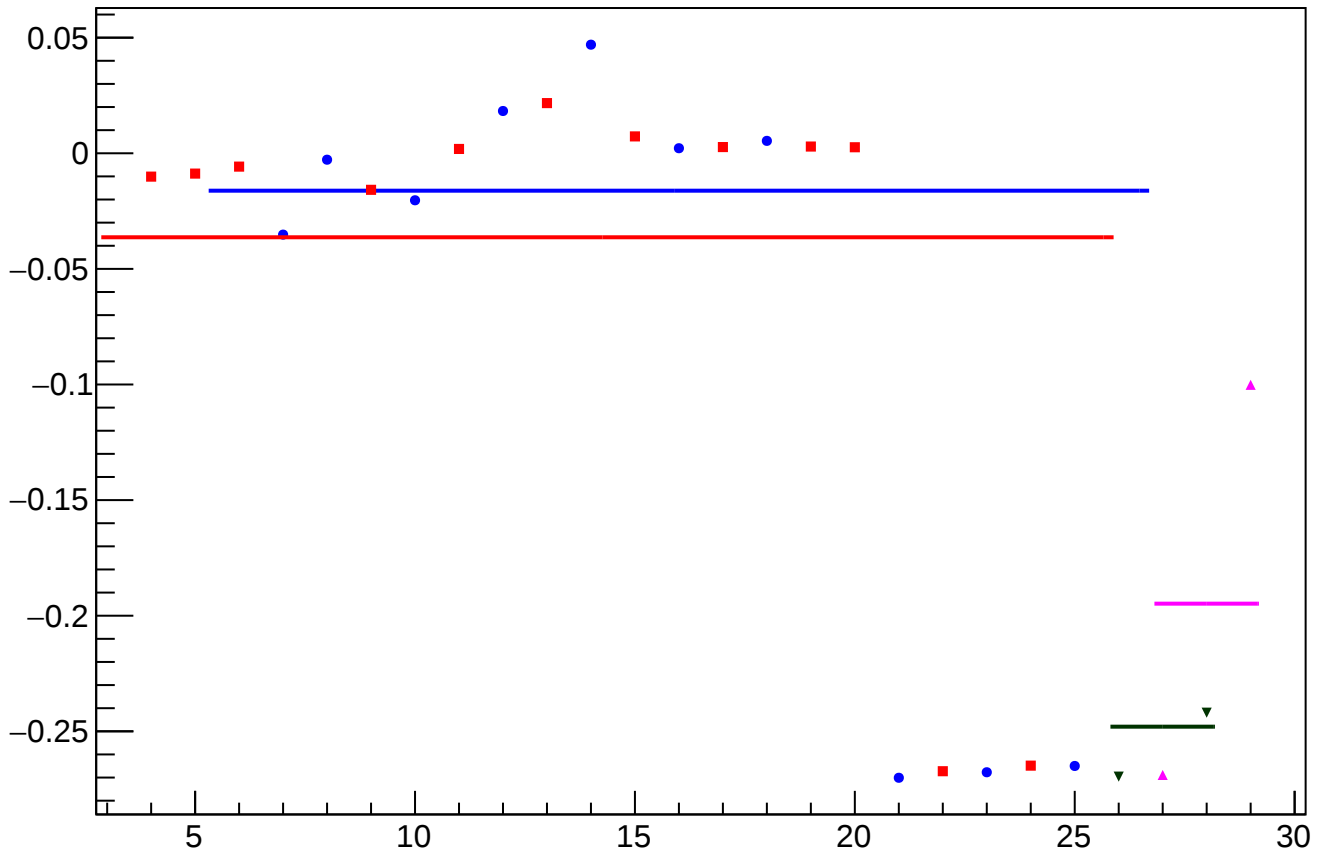
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF : 1107.6/1

0.007+/-0.000 χ^2/NDF : 607274.6/11

0.007+/-0.000 χ^2/NDF : 1003046.5/13

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.248+/-0.000 χ^2/NDF : 2330769.2/1

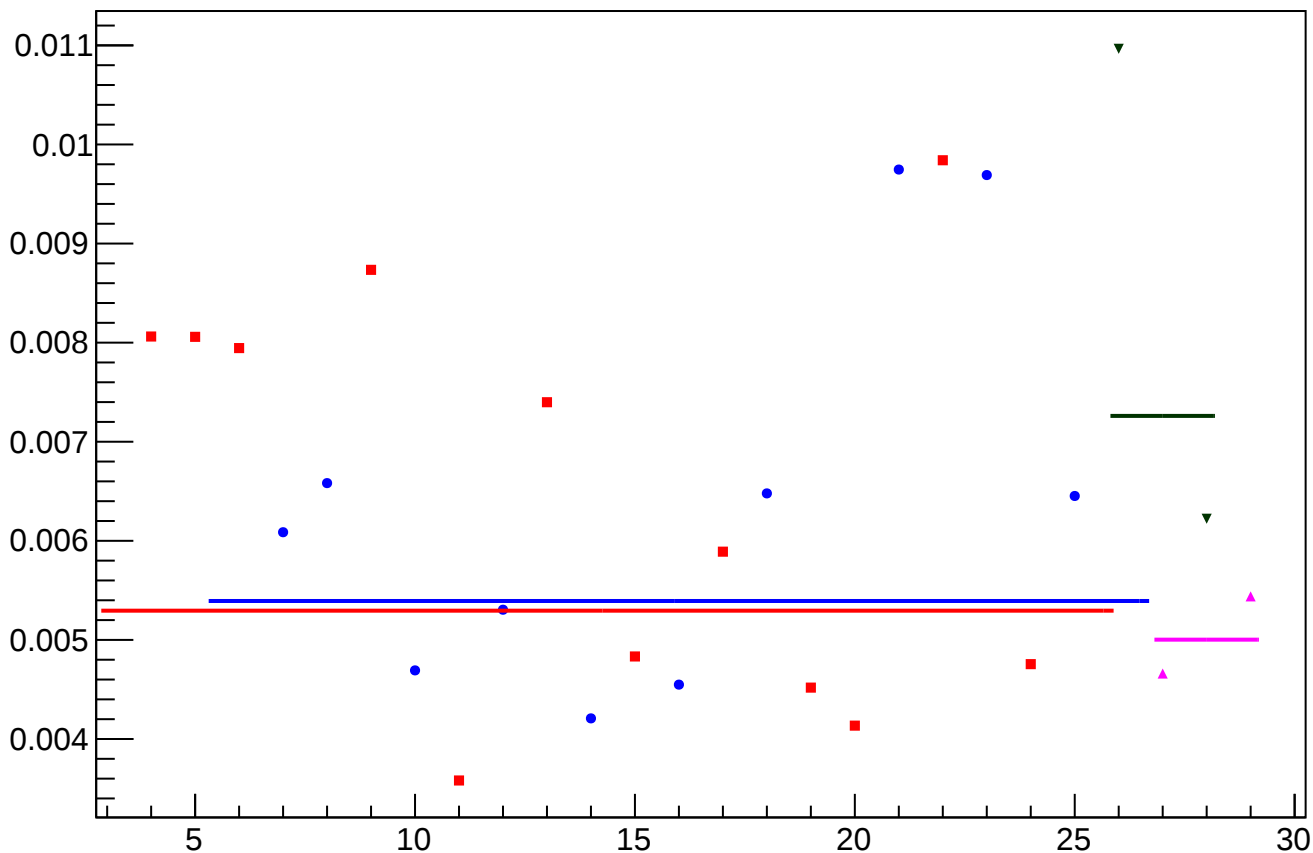
-0.036+/-0.000 χ^2/NDF : 2329744839.4/11

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.073+/-0.000 χ^2/NDF : 3244427645.8/13

Left In: -0.195+/-0.000 χ^2/NDF : 399227554.3/1

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 809148.4/9

Left Out: 0.007+/-0.000 χ^2/NDF :137117.9/1

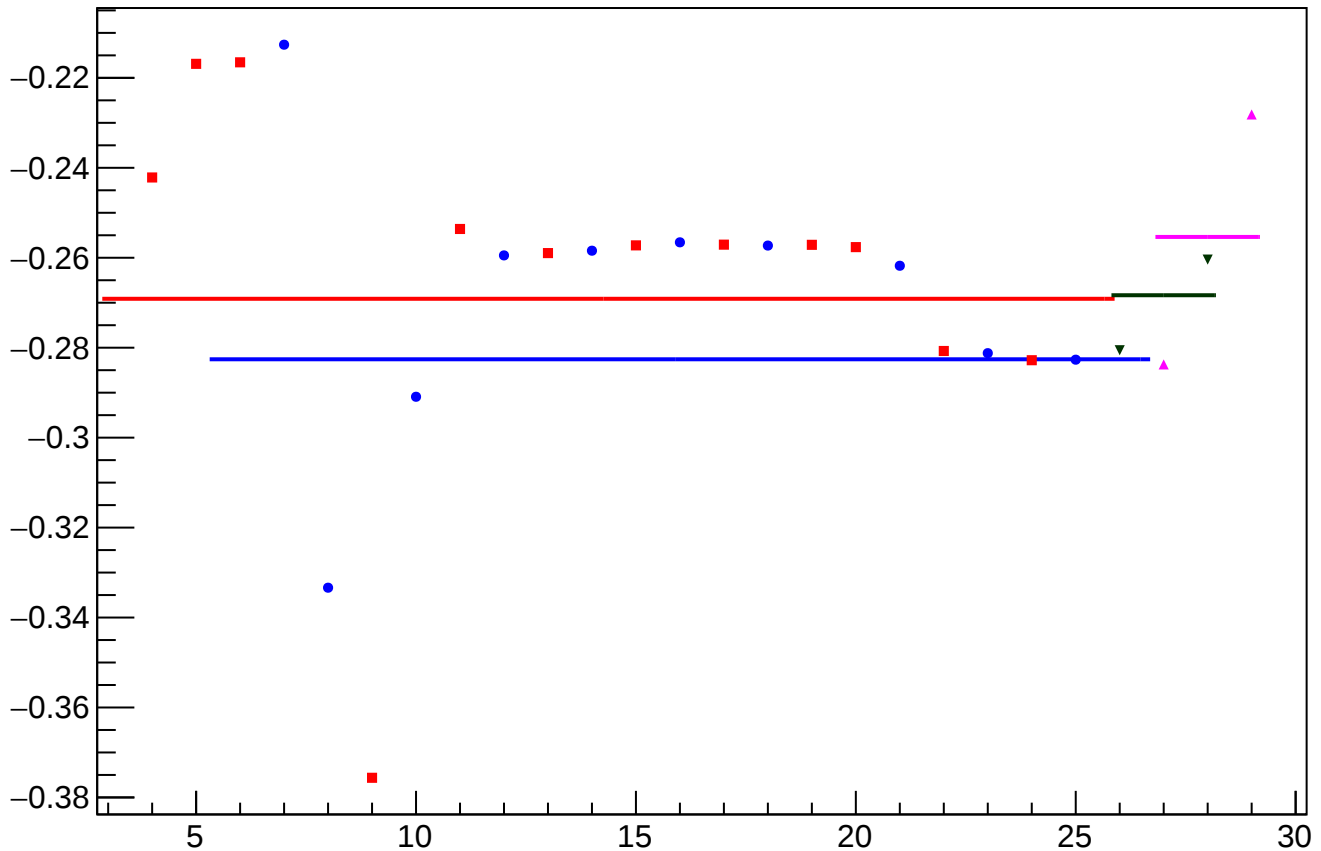
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :17008.5/1

0.006+/-0.000 χ^2/NDF : 1059992.6/11

0.005+/-0.000 χ^2/NDF : 1231314.1/13

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.268+/-0.000 χ^2/NDF : 13517212.3/1

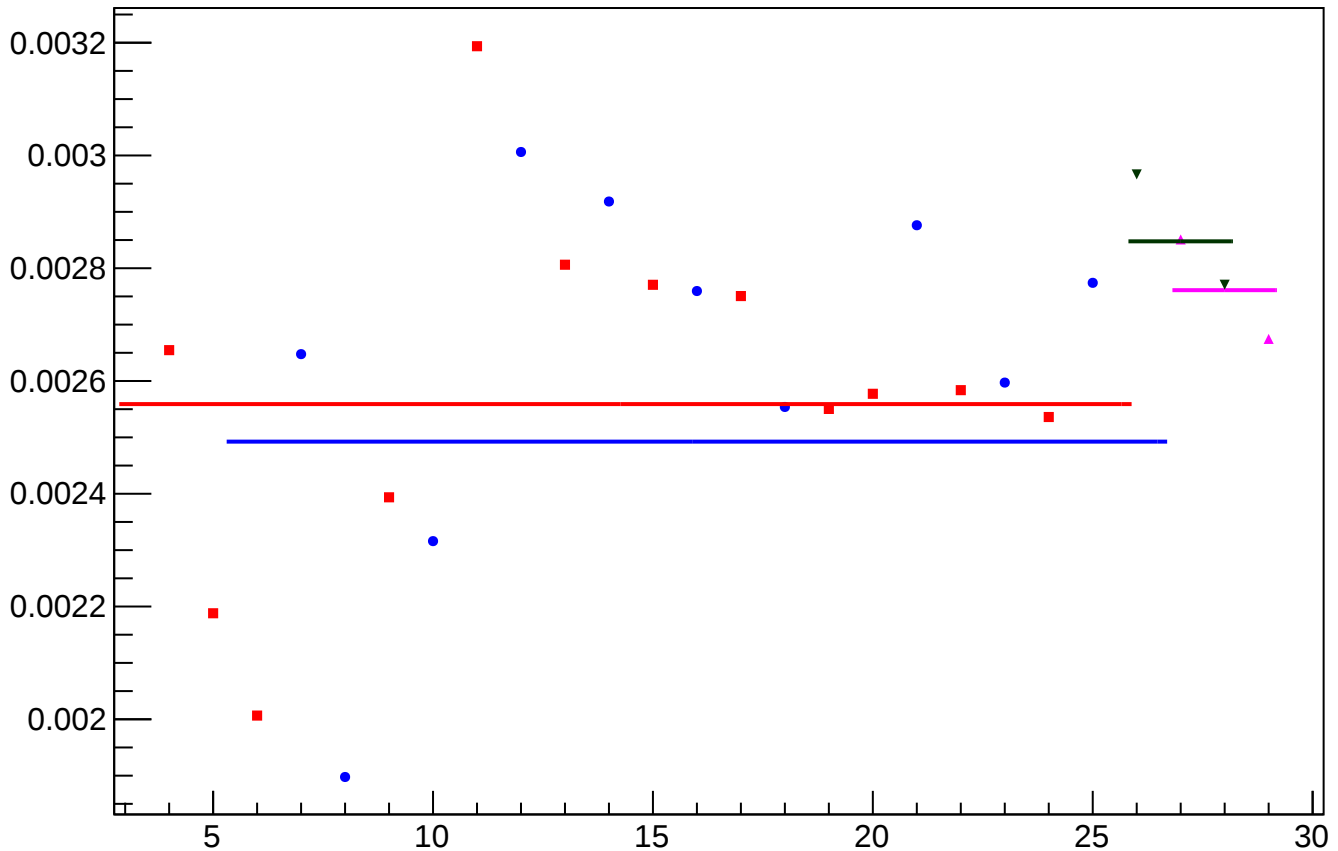
-0.281+/-0.000 χ^2/NDF : 1105310640.5/11

Right Out: -0.269+/-0.000 χ^2/NDF : 1935701786.6/11

-0.267+/-0.000 χ^2/NDF : 2130546799.5/13

Left In: -0.255+/-0.000 χ^2/NDF : 162412842.6/1

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 :2547.8/1

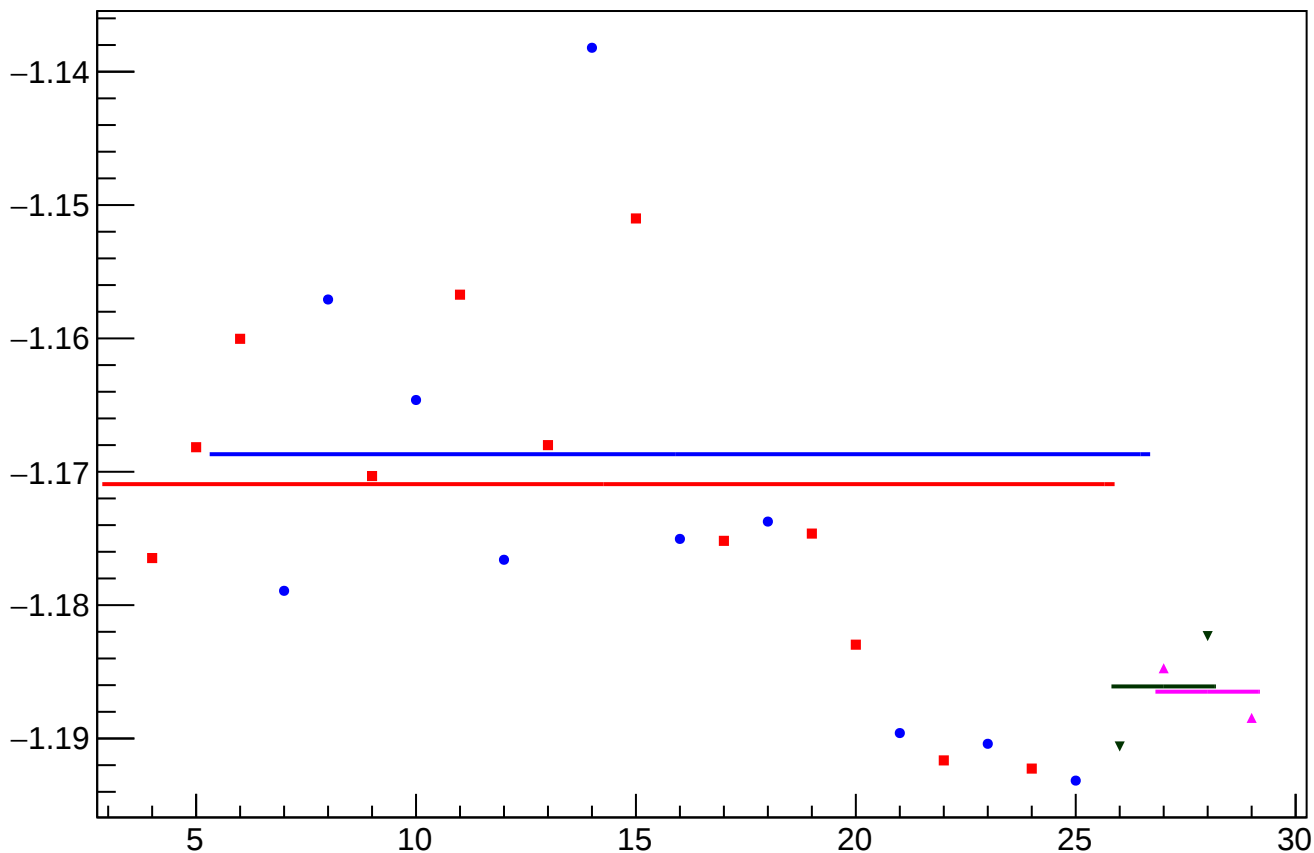
0.003+/-0.000 χ^2/NDF : 337414.1/11

Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

0.003+/-0.000 χ^2/NDF : 193728.2/13

Left In: 0.003+/-0.000 χ^2/NDF :3271.1/1

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.186+/-0.000 χ^2/NDF :340528.2/1

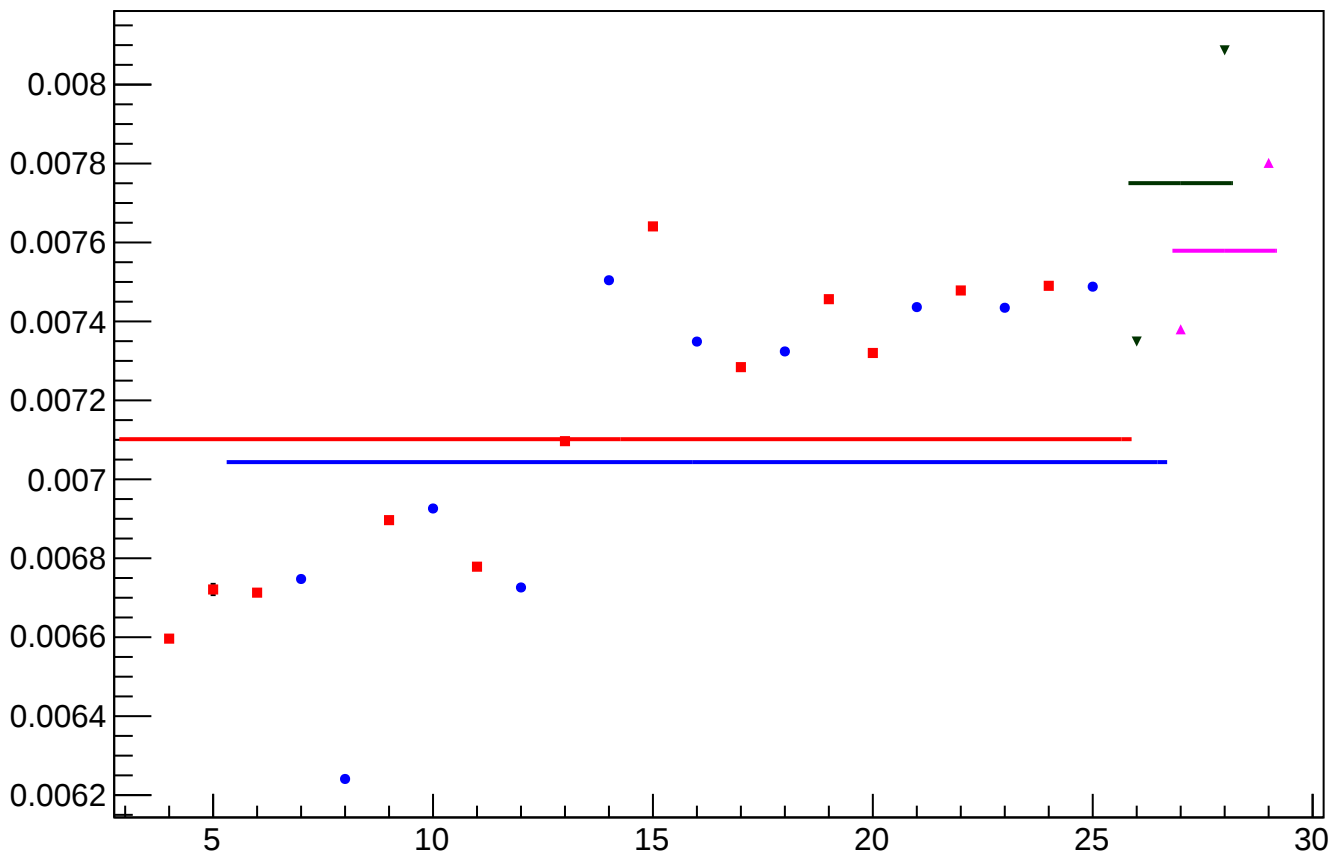
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.186+/-0.000 χ^2/NDF :101063.7/1

-1.171+/-0.000 χ^2/NDF : 41131458.0/11

-1.174+/-0.000 χ^2/NDF : 24666260.0/13

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 : 5411.9/1

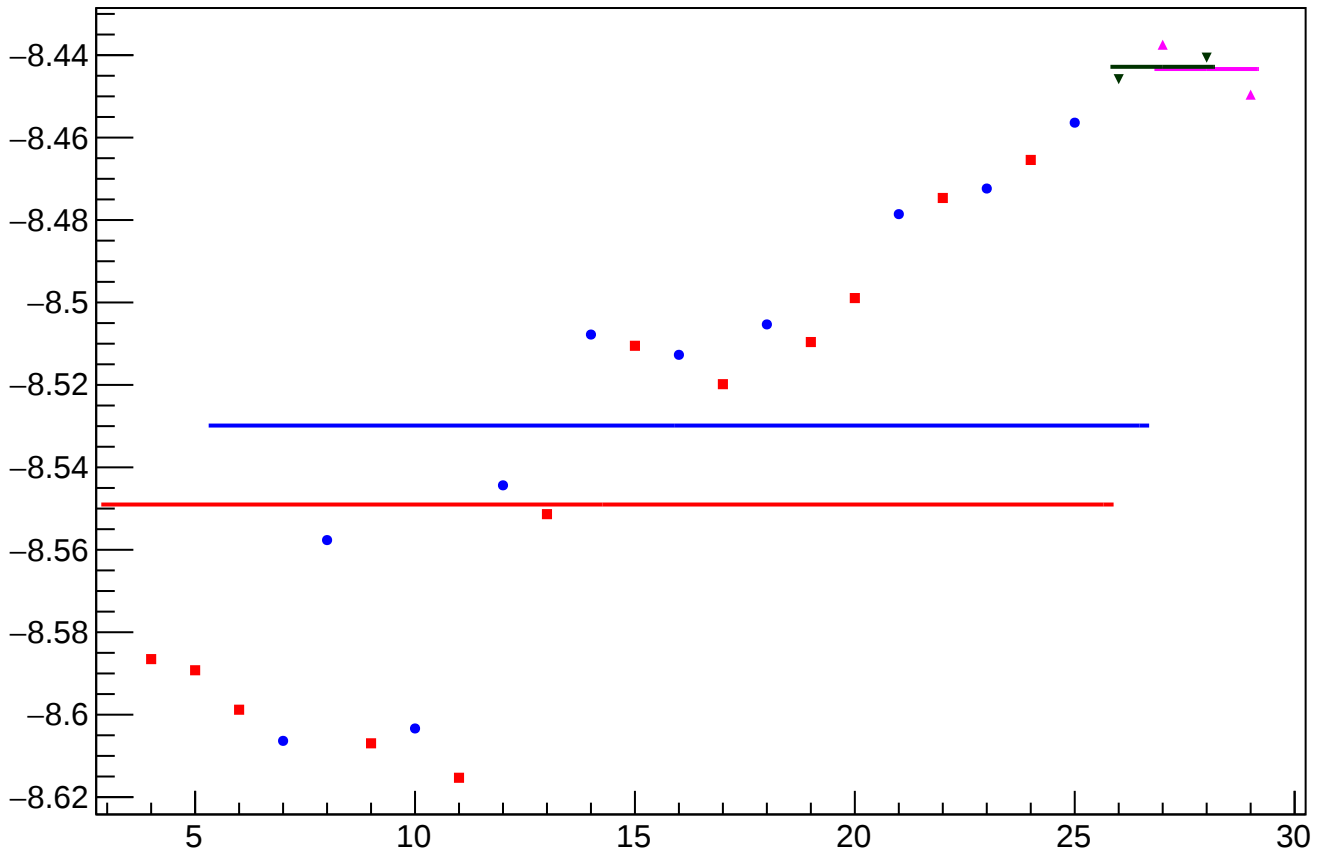
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.008+/-0.000 χ^2/NDF : 2593.9/1

0.007+/-0.000 χ^2/NDF : 77338.7/11

0.007+/-0.000 χ^2/NDF : 41287.0/13

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.443+/-0.000 χ^2/NDF :162098.9/1

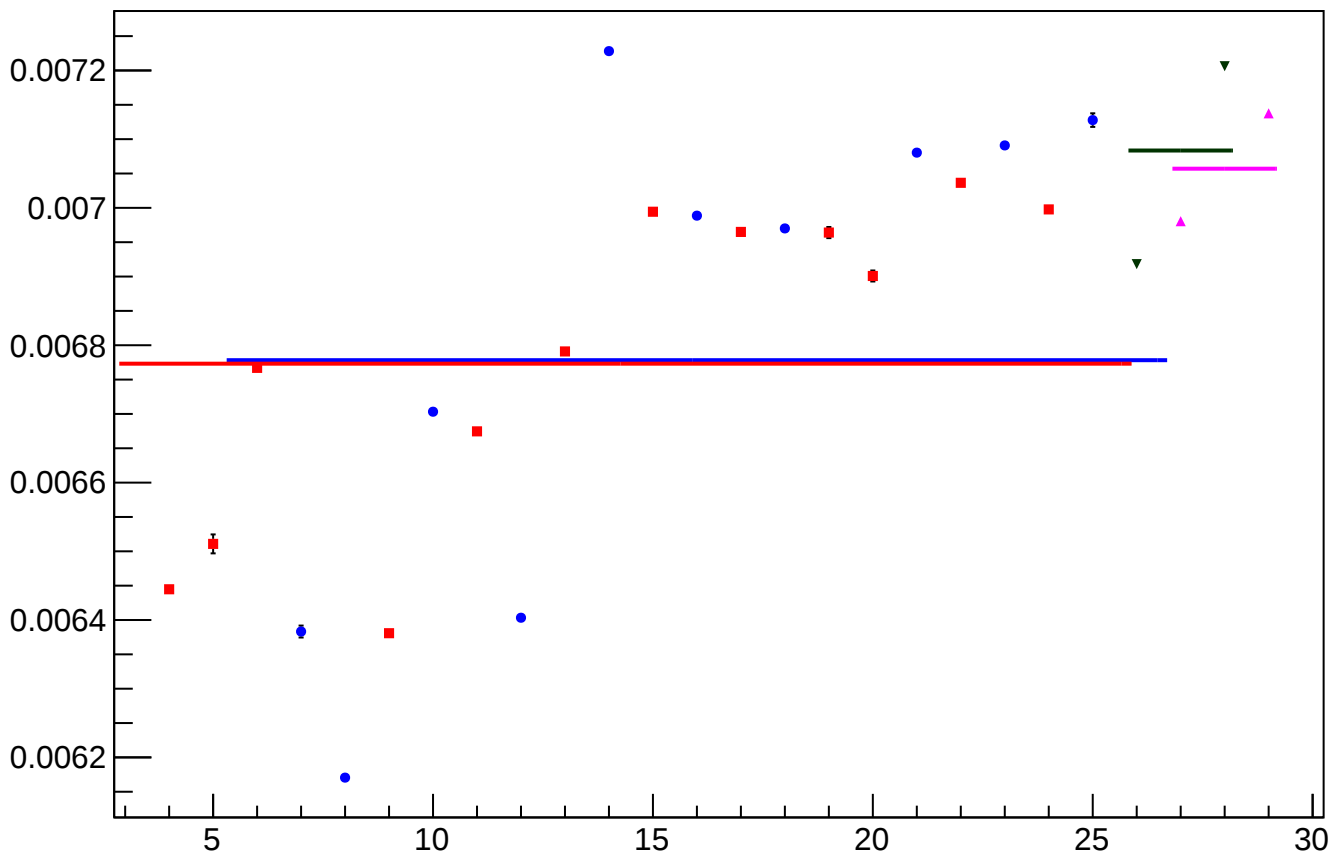
-8.517+/-0.000 χ^2/NDF : 437237361.6/11

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.528+/-0.000 χ^2/NDF : 687008259.4/13

Left In: -8.443+/-0.000 χ^2/NDF :1255692.6/1

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 :984.9/1

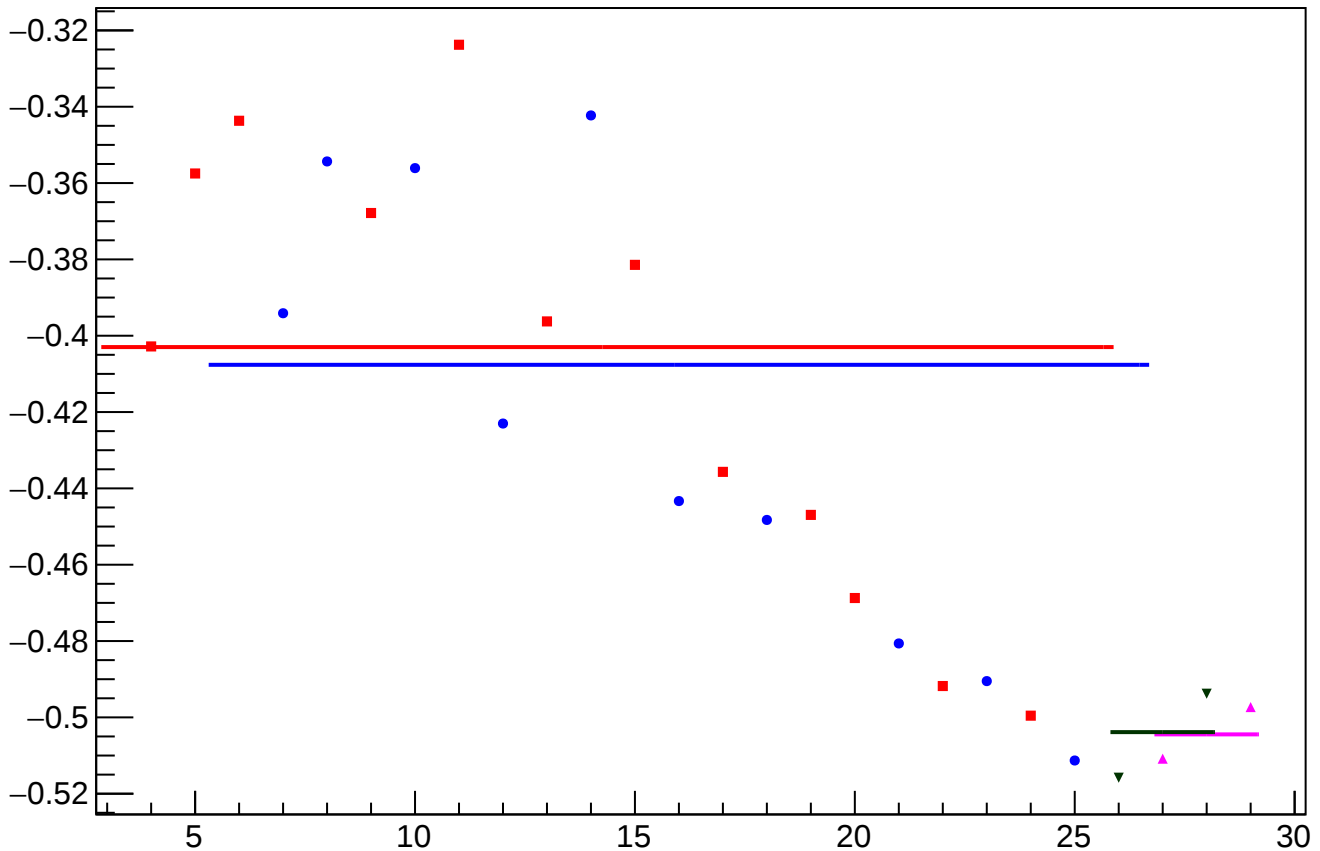
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

Left In: 0.007+/-0.000 χ^2/NDF :421.7/1

0.007+/-0.000 χ^2/NDF : 44687.9/11

0.007+/-0.000 χ^2/NDF : 18804.5/13

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.504+/-0.000 χ^2/NDF : 382532.5/1

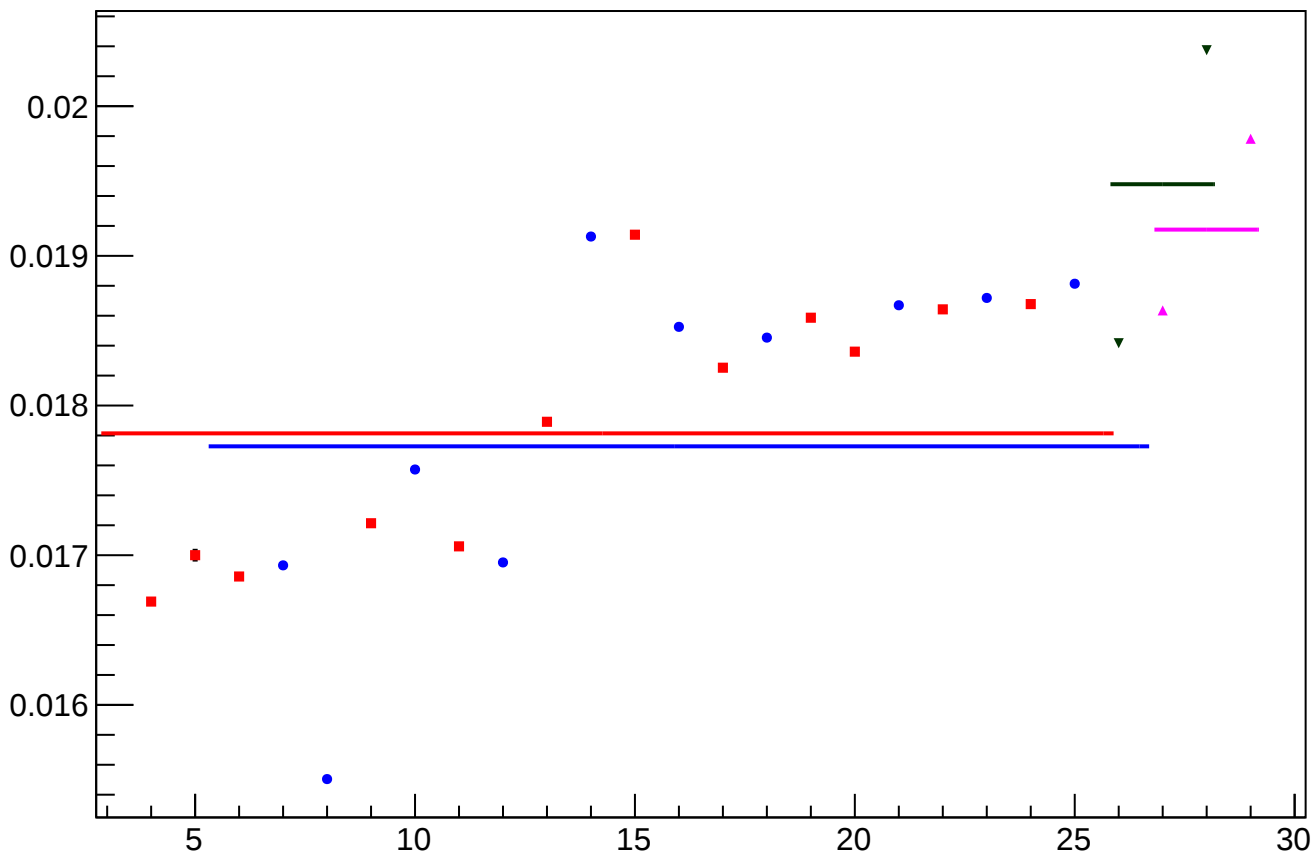
Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.504+/-0.000 χ^2/NDF : 208444.4/1

-0.421+/-0.000 χ^2/NDF : 90848368.9/11

-0.422+/-0.000 χ^2/NDF : 100968783.3/13

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 64790.3/9

Left Out: 0.019+/-0.000 χ^2/NDF : 6054.3/1

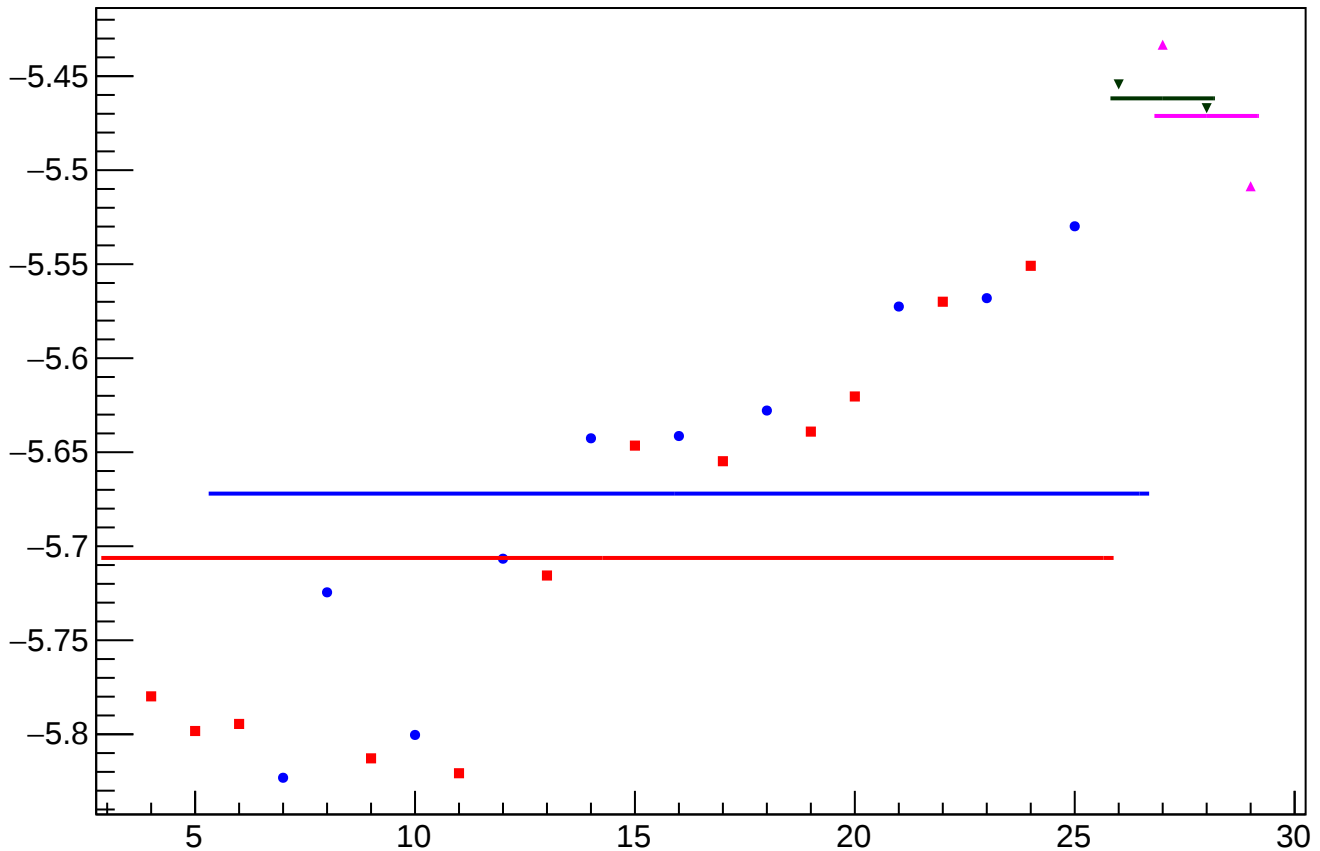
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.019+/-0.000 χ^2/NDF : 2998.5/1

0.018+/-0.000 χ^2/NDF : 87723.8/11

0.018+/-0.000 χ^2/NDF : 41536.3/13

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.462+/-0.000 χ^2/NDF : 317564.7/1

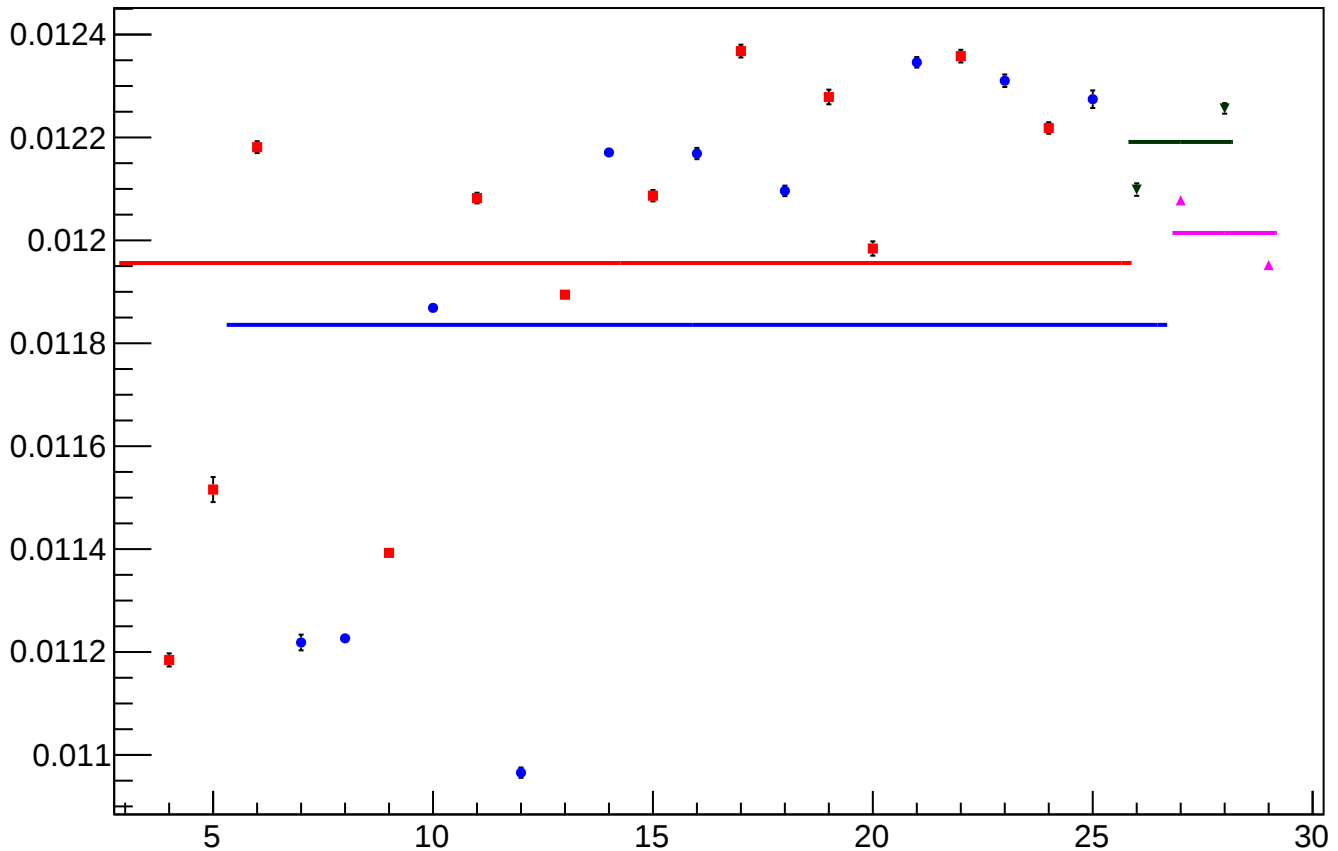
-5.640+/-0.000 χ^2/NDF : 615038035.6/11

Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

-5.657+/-0.000 χ^2/NDF : 925483555.1/13

Left In: -5.471+/-0.000 χ^2/NDF : 16723201.1/1

yield_bpm2i02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 22267.5/9

Left Out: 0.012 $\pm$ 0.000 χ^2 /NDF:98.8/1

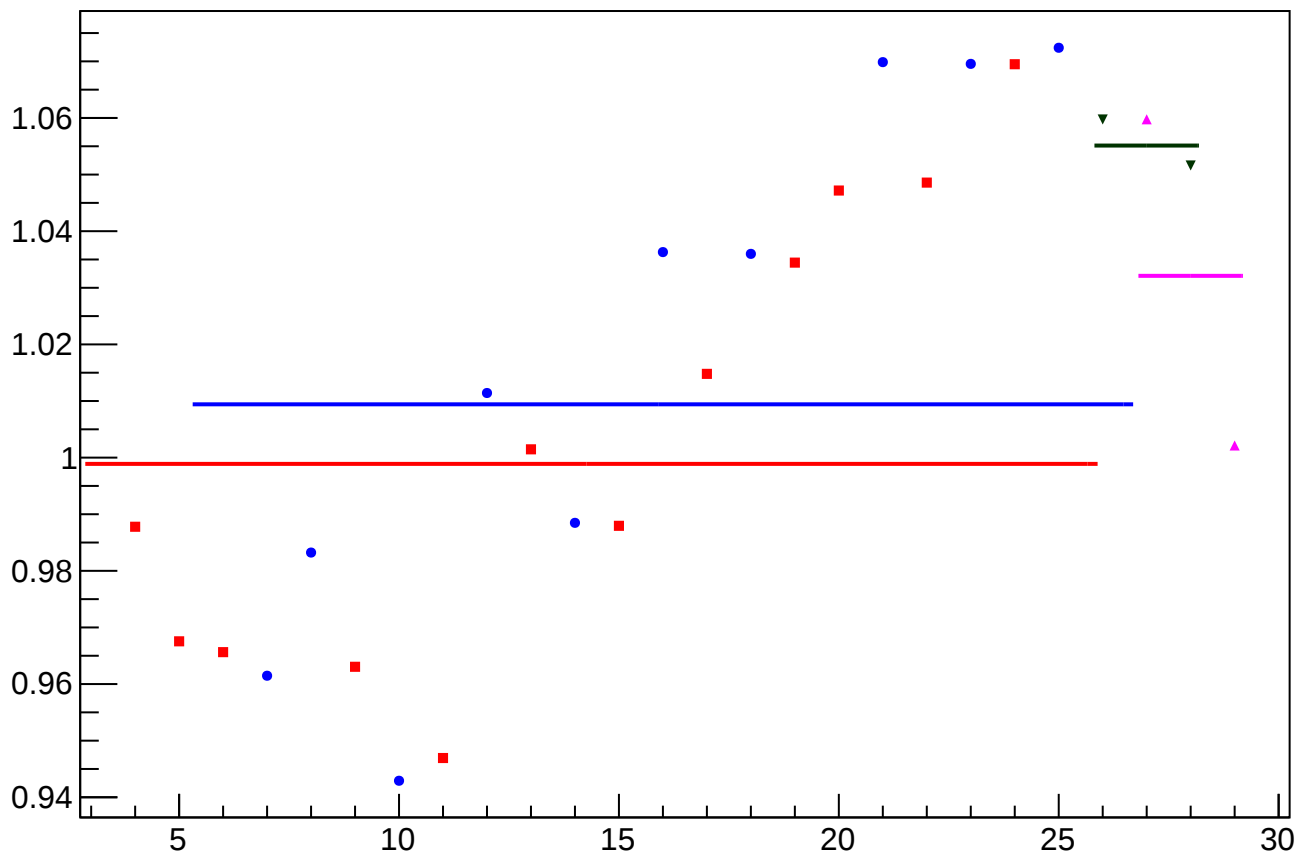
0.012 $\pm$ 0.000 χ^2 /NDF: 24121.0/11

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 11709.7/11

0.012 $\pm$ 0.000 χ^2 /NDF: 11866.5/13

Left In: 0.012 $\pm$ 0.000 χ^2 /NDF:93.3/1

yield_bpm1i04X_mean vs slug



Right In: 1.009 $\pm$ 0.000 χ^2 /NDF: 182212338.7/9

Left Out: 1.055 $\pm$ 0.000 χ^2 /NDF: 386880.4/1

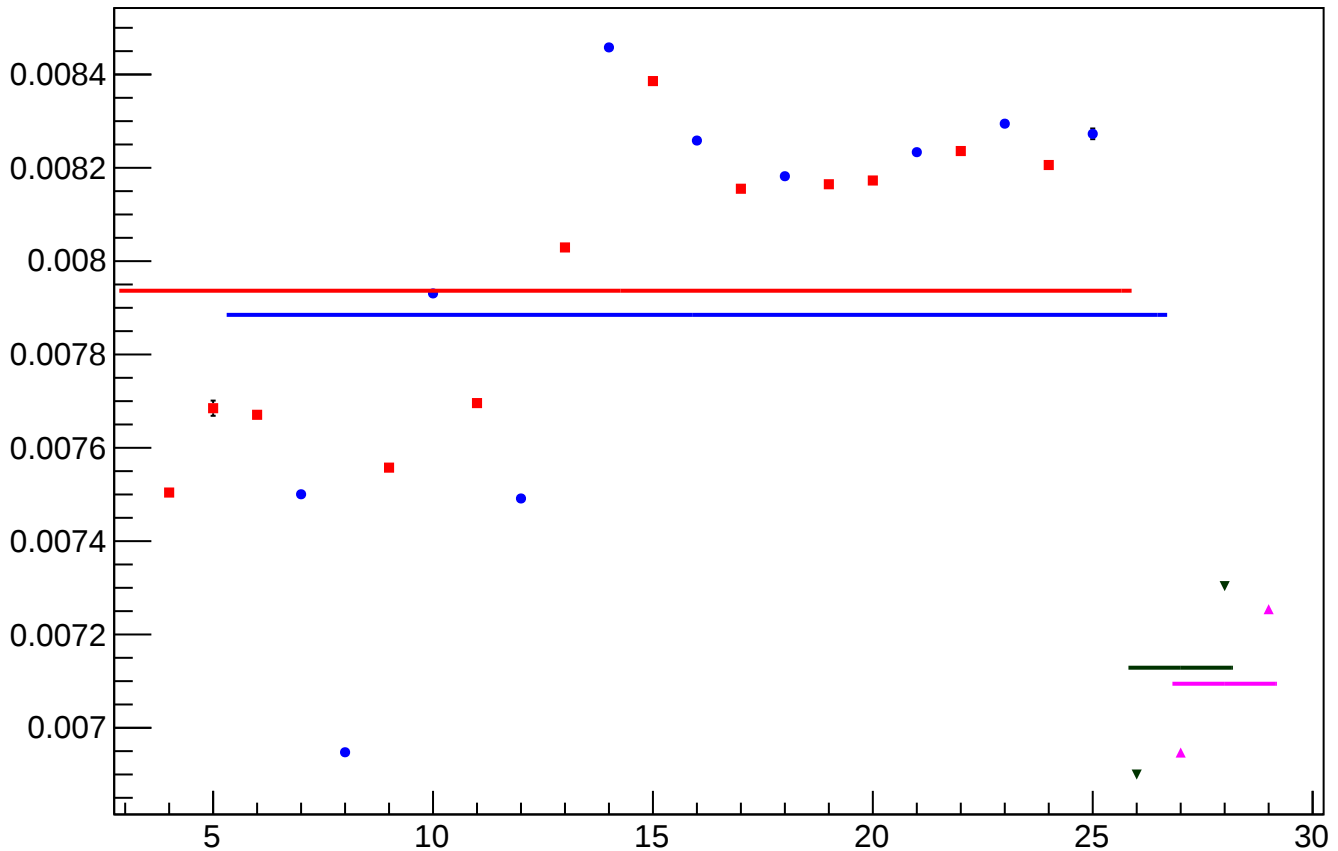
Right Out: 0.999 $\pm$ 0.000 χ^2 /NDF: 147584109.7/11

Left In: 1.032 $\pm$ 0.000 χ^2 /NDF: 27731235.5/1

1.018 $\pm$ 0.000 χ^2 /NDF: 223090701.2/11

1.007 $\pm$ 0.000 χ^2 /NDF: 203035809.2/13

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 : 1910.3/1

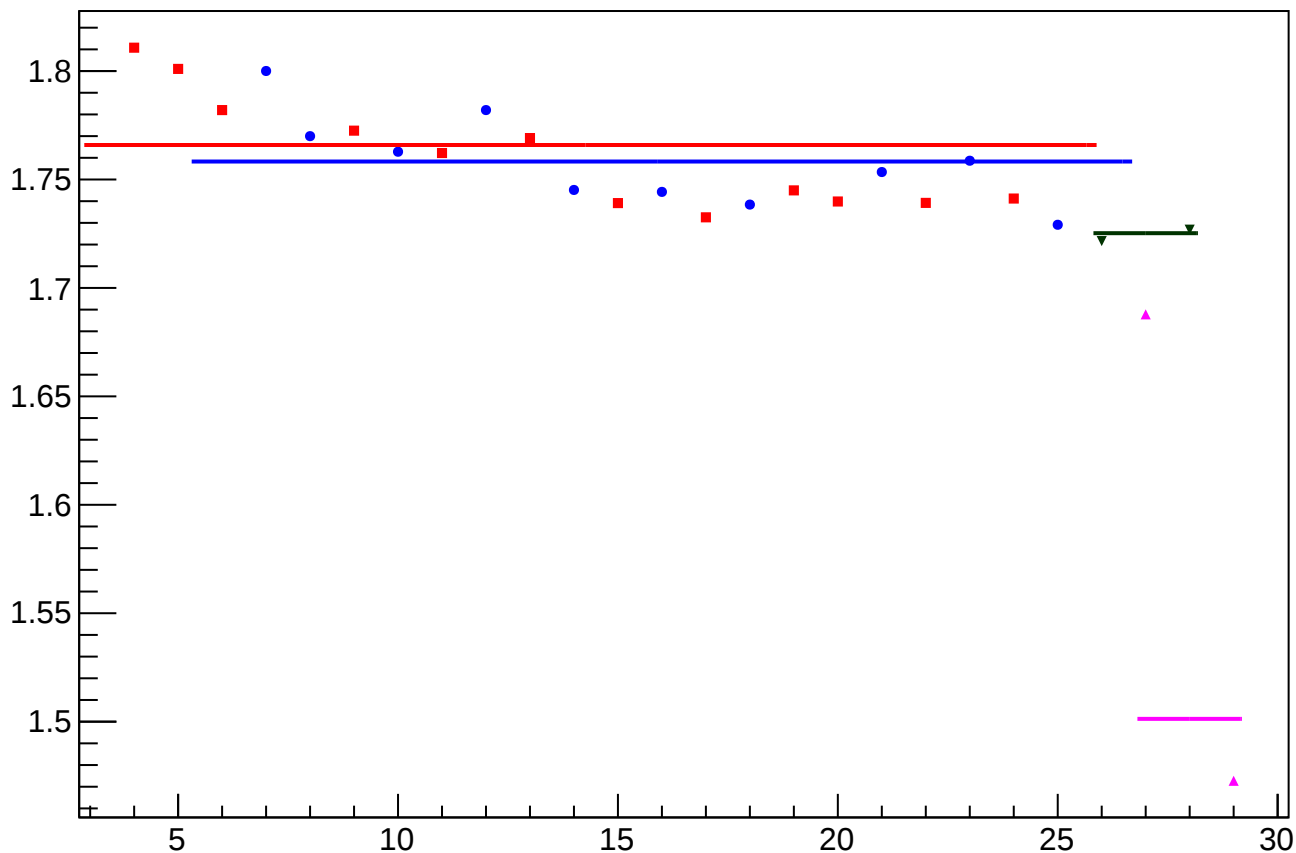
Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

Left In: 0.007+/-0.000 χ^2/NDF : 1576.3/1

0.008+/-0.000 χ^2/NDF : 81985.4/11

0.008+/-0.000 χ^2/NDF : 54648.6/13

yield_bpm1i04Y_mean vs slug



Right In: 1.758+/-0.000 χ^2/NDF : 25411176.0/9

Left Out: 1.725+/-0.000 χ^2/NDF : 43250.3/1

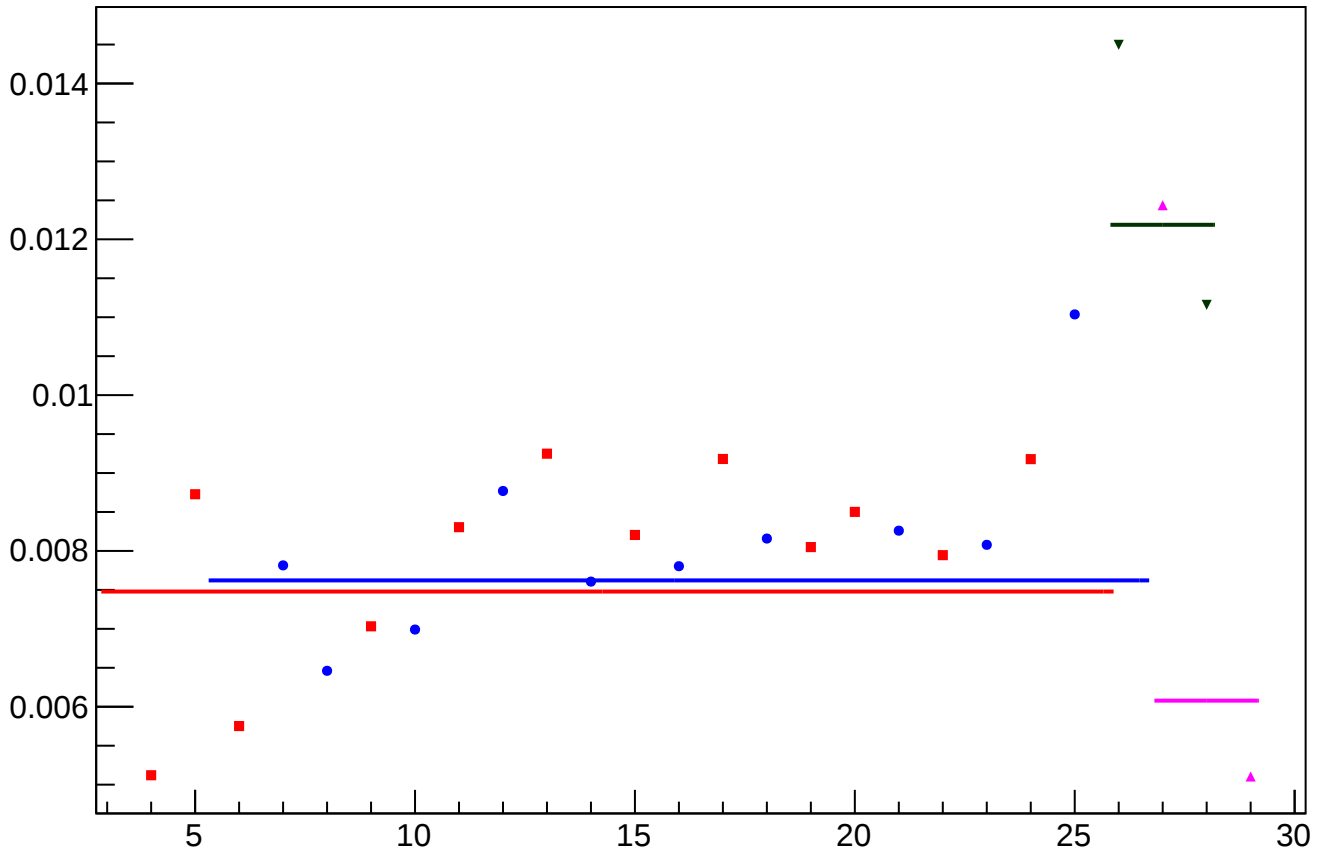
Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11

Left In: 1.501+/-0.000 χ^2/NDF : 186807664.9/1

1.756+/-0.000 χ^2/NDF : 32933525.9/11

1.700+/-0.000 χ^2/NDF : 2089165563.4/13

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.012+/-0.000 χ^2/NDF : 34828.8/1

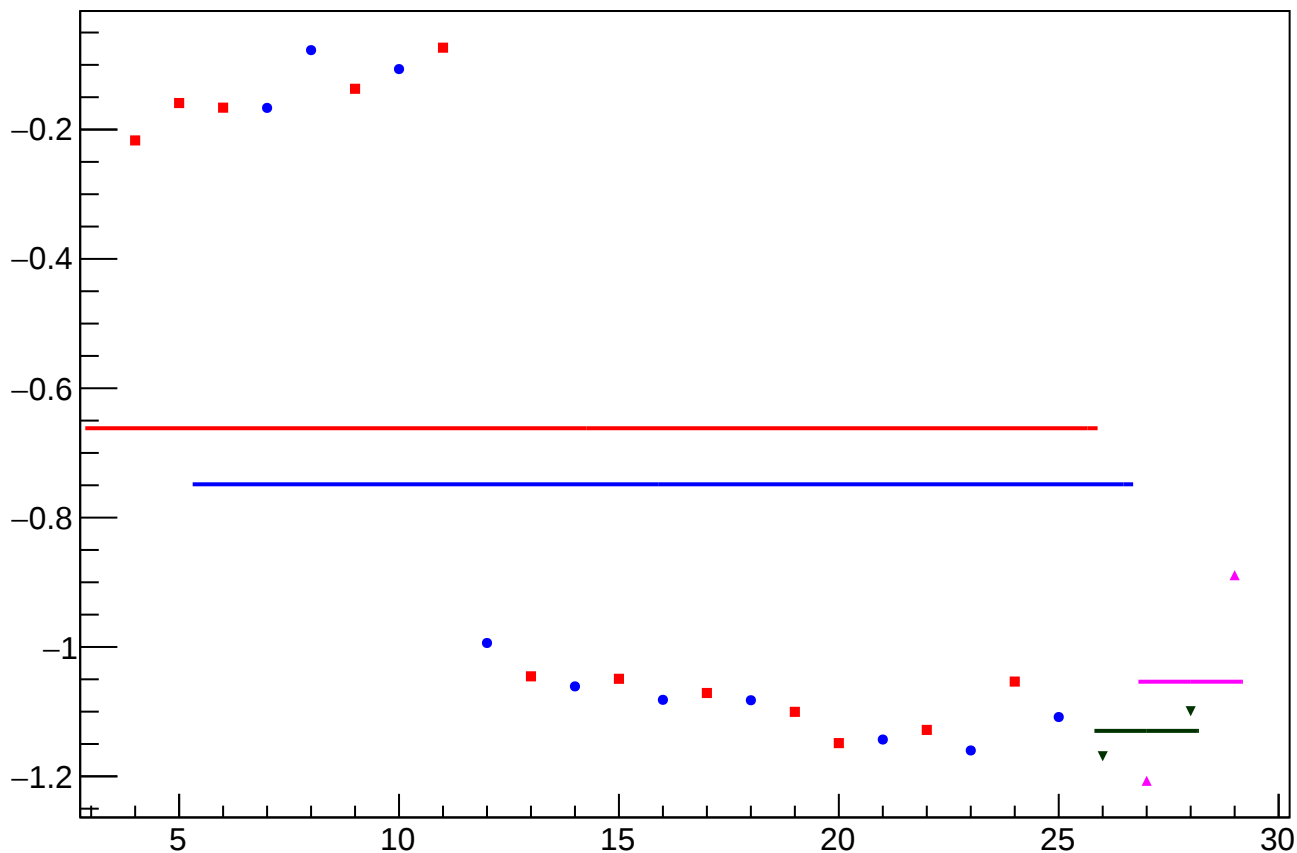
Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

Left In: 0.006+/-0.000 χ^2/NDF : 434284.9/1

0.008+/-0.000 χ^2/NDF : 472725.5/11

0.007+/-0.000 χ^2/NDF : 974448.1/13

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -1.130+/-0.000 χ^2/NDF : 19044171.5/1

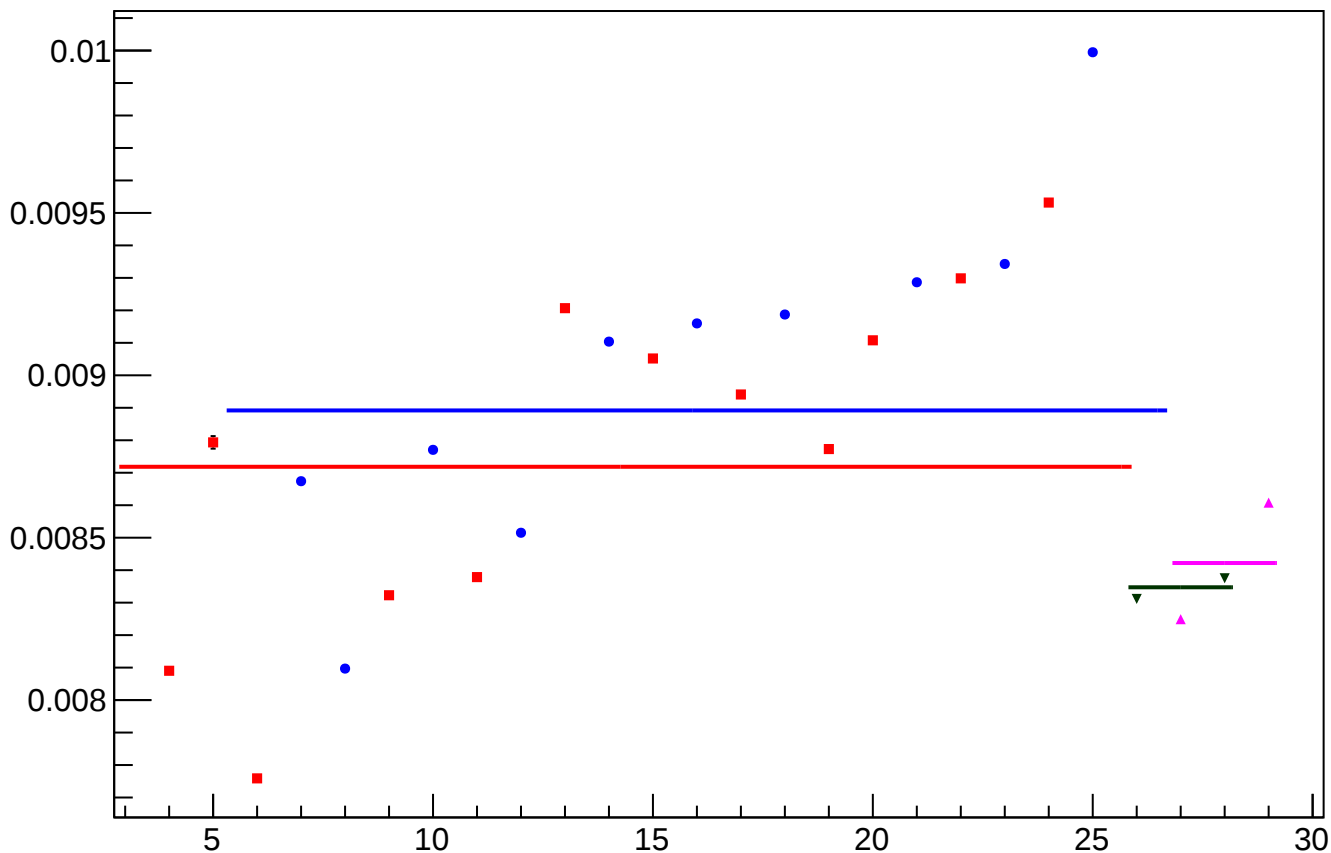
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -1.054+/-0.000 χ^2/NDF : 590358179.7/1

-0.812+/-0.000 χ^2/NDF : 19392121656.5/11

-0.749+/-0.000 χ^2/NDF : 21139151406.8/13

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 34334.5/9

Left Out: 0.008+/-0.000 χ^2/NDF :31.8/1

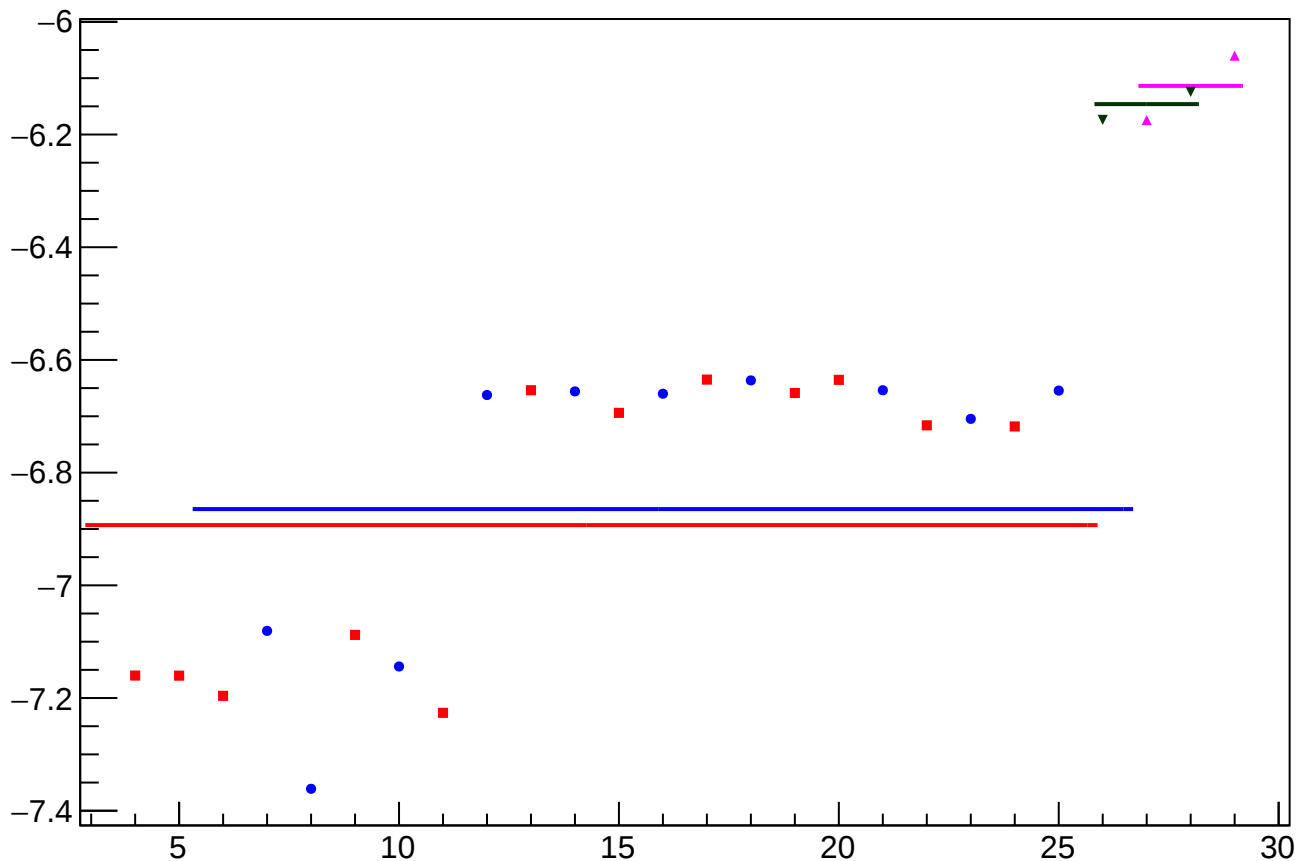
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.008+/-0.000 χ^2/NDF :1505.0/1

0.009+/-0.000 χ^2/NDF : 42258.7/11

0.009+/-0.000 χ^2/NDF : 52349.7/13

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.146+/-0.000 χ^2/NDF : 6592120.8/1

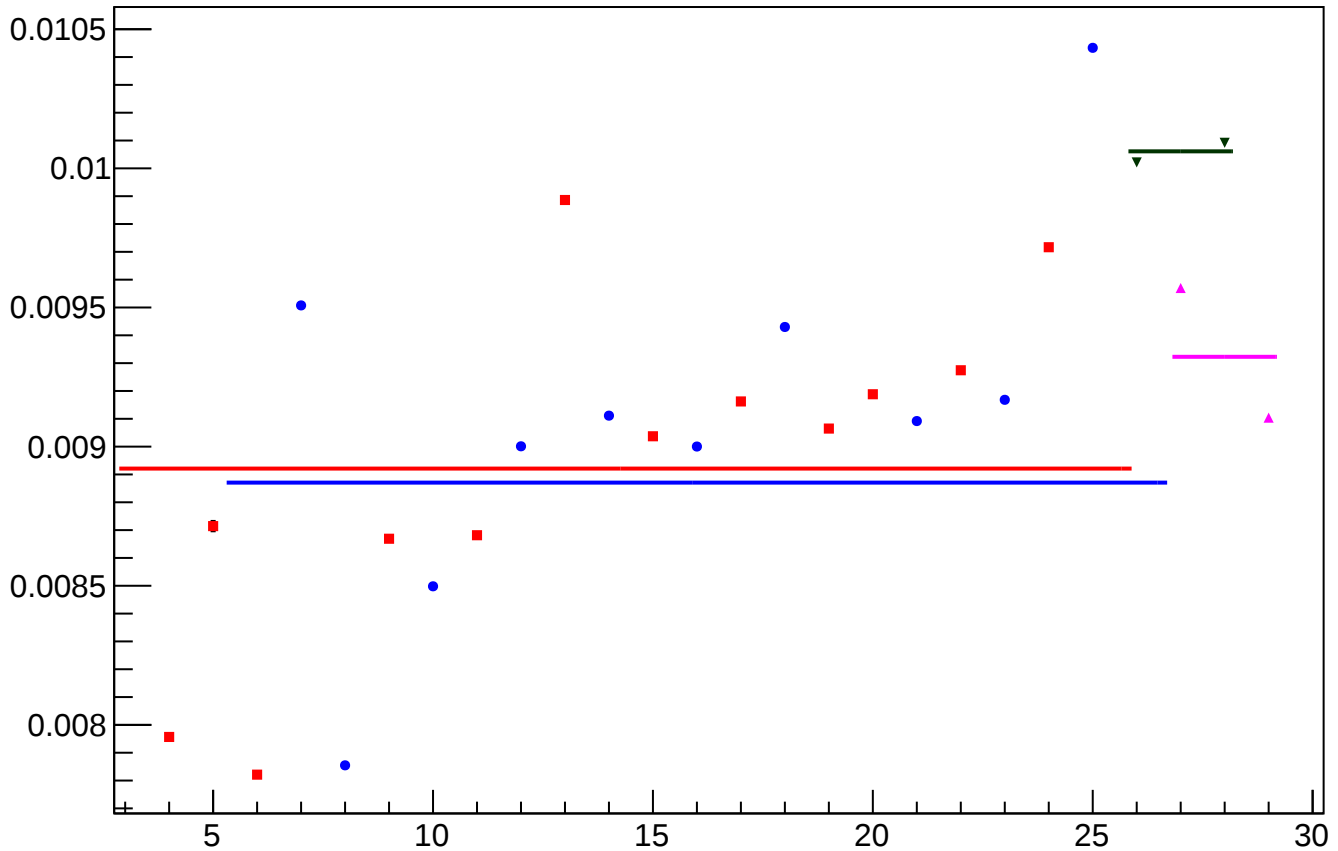
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.114+/-0.000 χ^2/NDF : 61286692.9/1

-6.778+/-0.000 χ^2/NDF : 11574848598.6/11

-6.739+/-0.000 χ^2/NDF : 13962259991.3/13

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 : 26.7/1

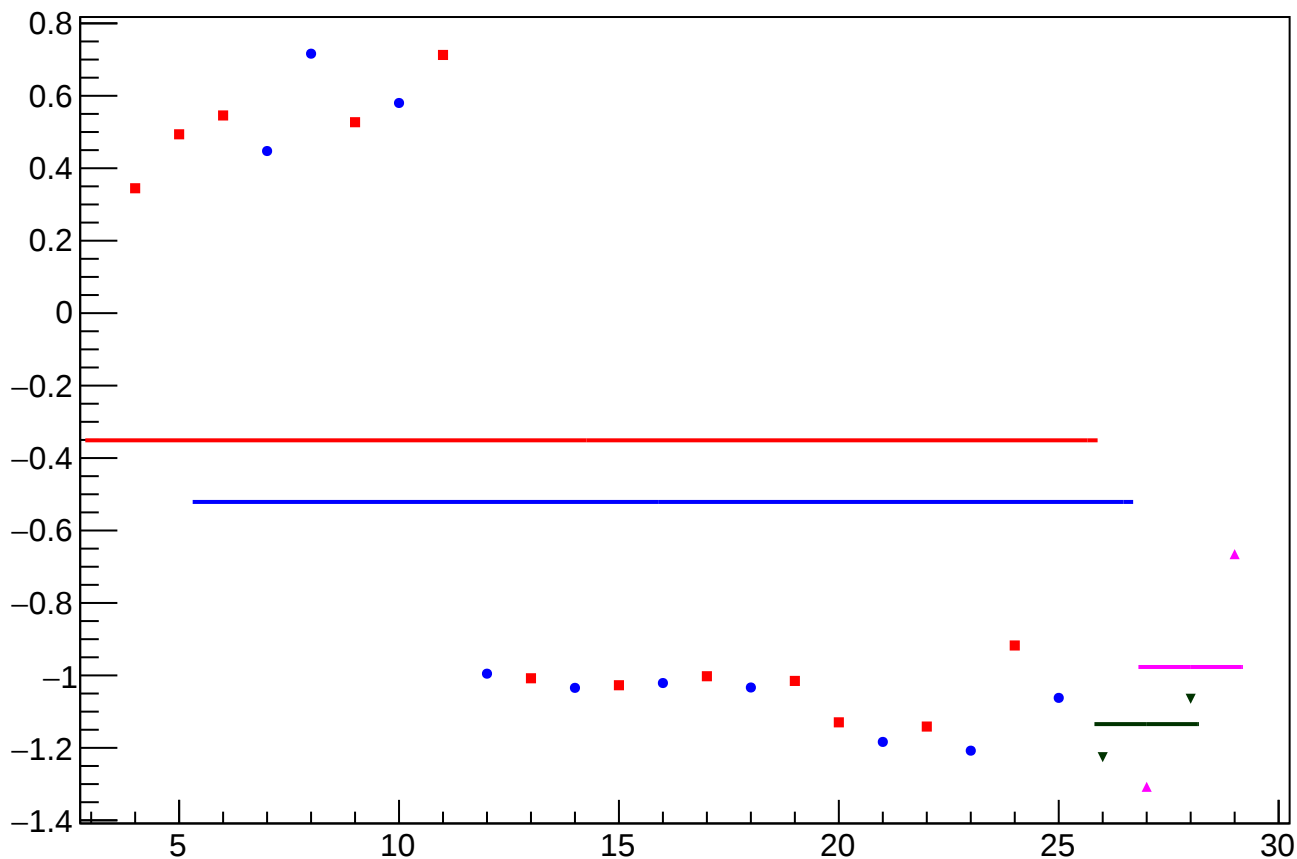
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF : 2039.9/1

0.009+/-0.000 χ^2/NDF : 81134.3/11

0.009+/-0.000 χ^2/NDF : 68123.4/13

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -1.134+/-0.000 χ^2/NDF : 22628945.8/1

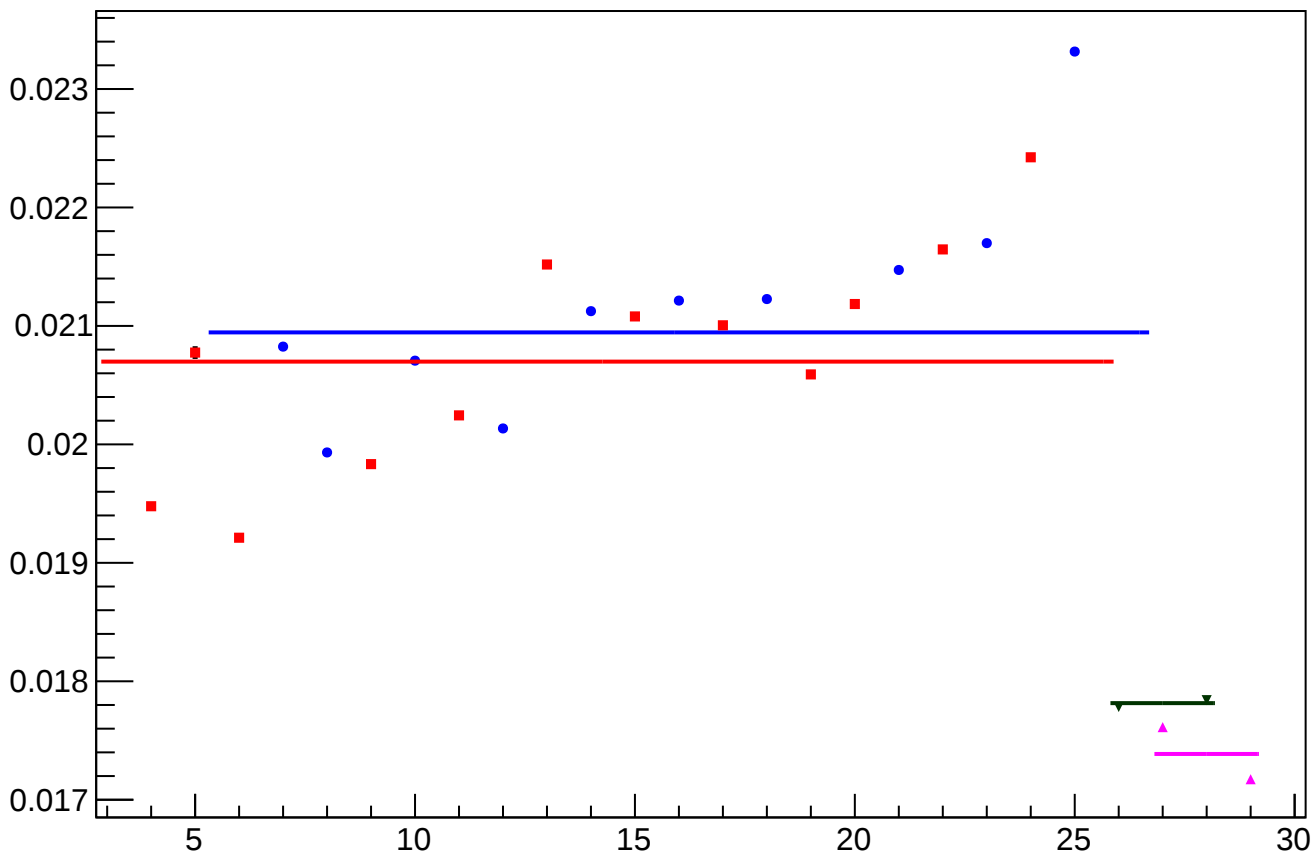
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.977+/-0.000 χ^2/NDF : 569435245.4/1

-0.642+/-0.000 χ^2/NDF : 10314035069.5/11

-0.523+/-0.000 χ^2/NDF : 11125547192.3/13

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 : 5.8/1

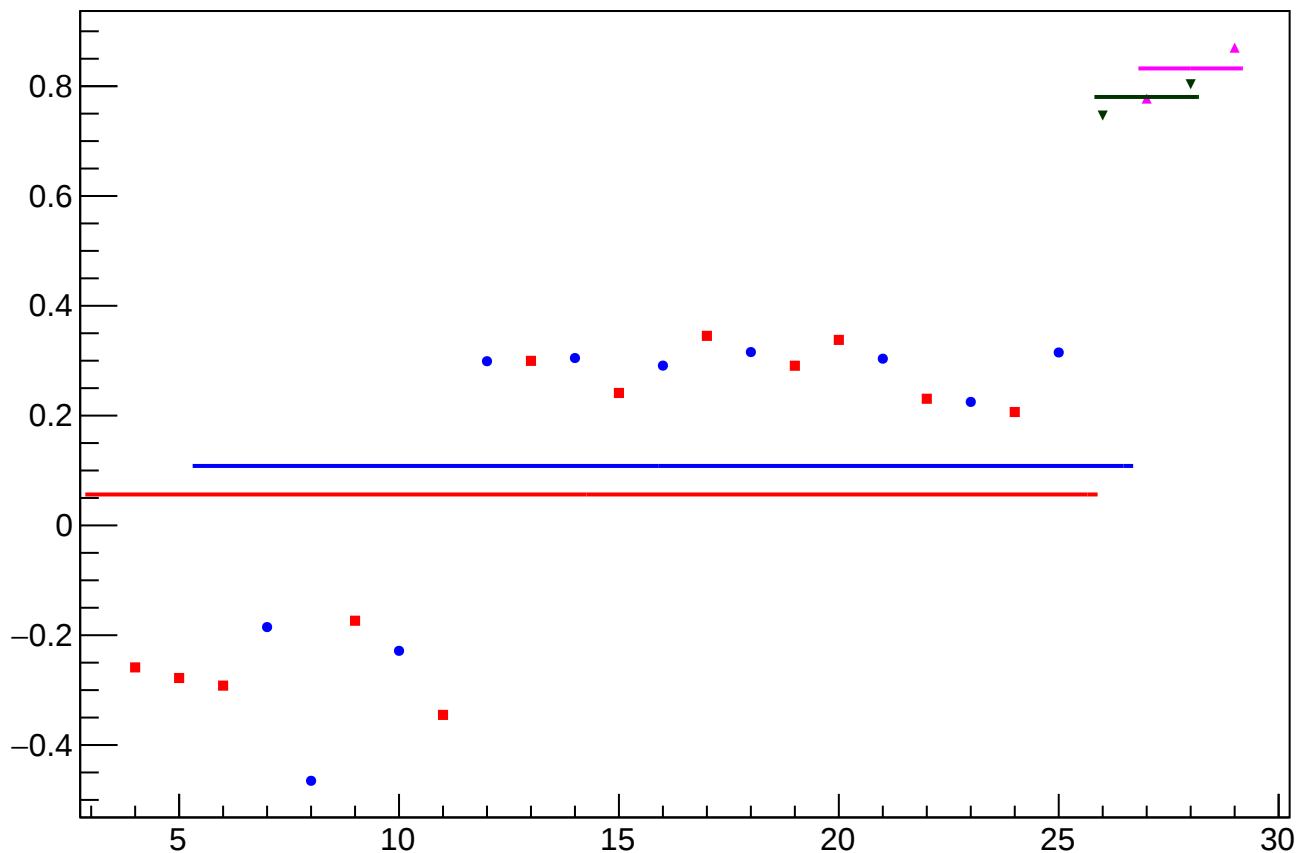
0.020+/-0.000 χ^2/NDF : 70329.2/11

Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

0.020+/-0.000 χ^2/NDF : 113988.7/13

Left In: 0.017+/-0.000 χ^2/NDF : 534.1/1

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 0.780+/-0.000 χ^2/NDF : 4909721.7/1

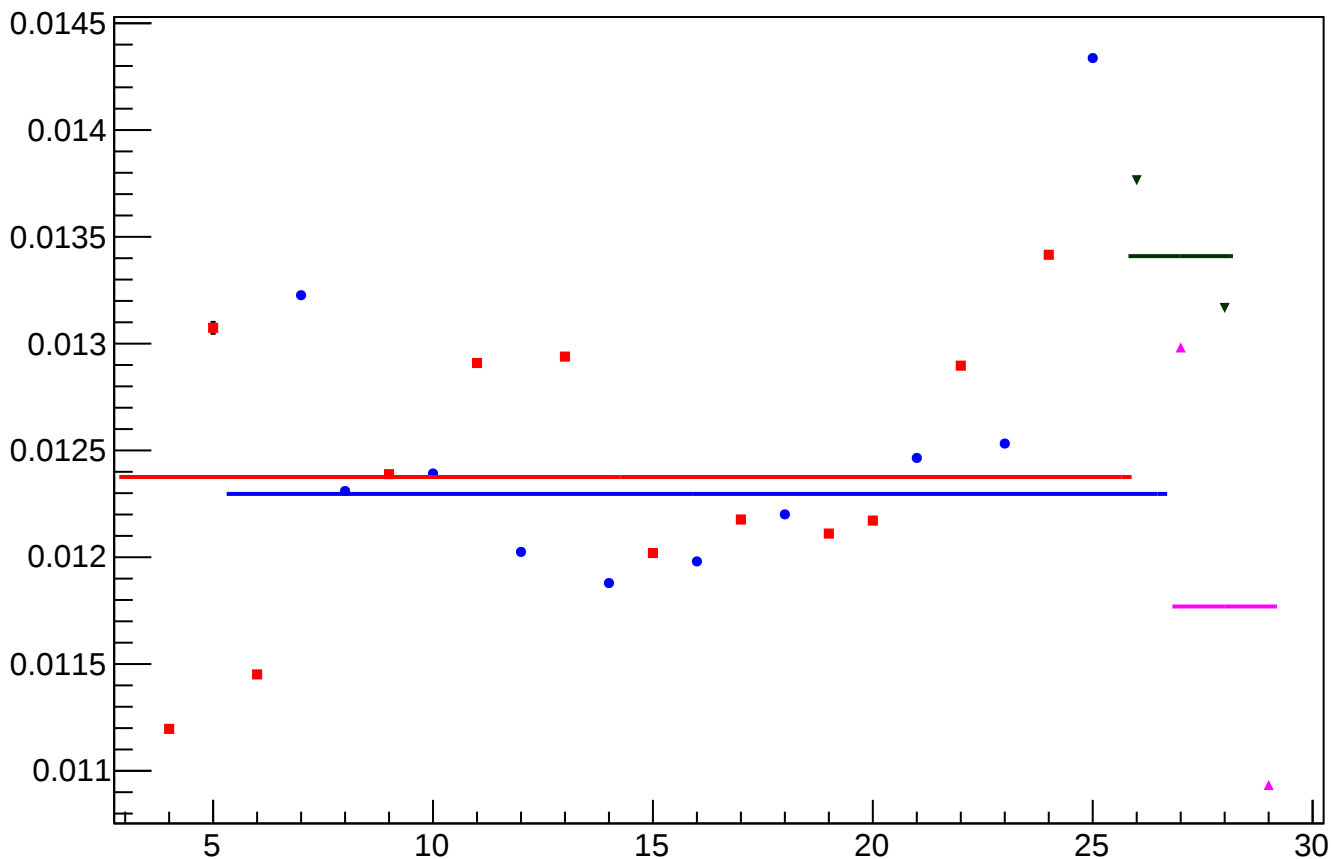
Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

Left In: 0.832+/-0.000 χ^2/NDF : 24483718.5/1

0.196+/-0.000 χ^2/NDF : 6092072067.9/11

0.233+/-0.000 χ^2/NDF : 8475500606.5/13

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.013+/-0.000 χ^2/NDF :1077.9/1

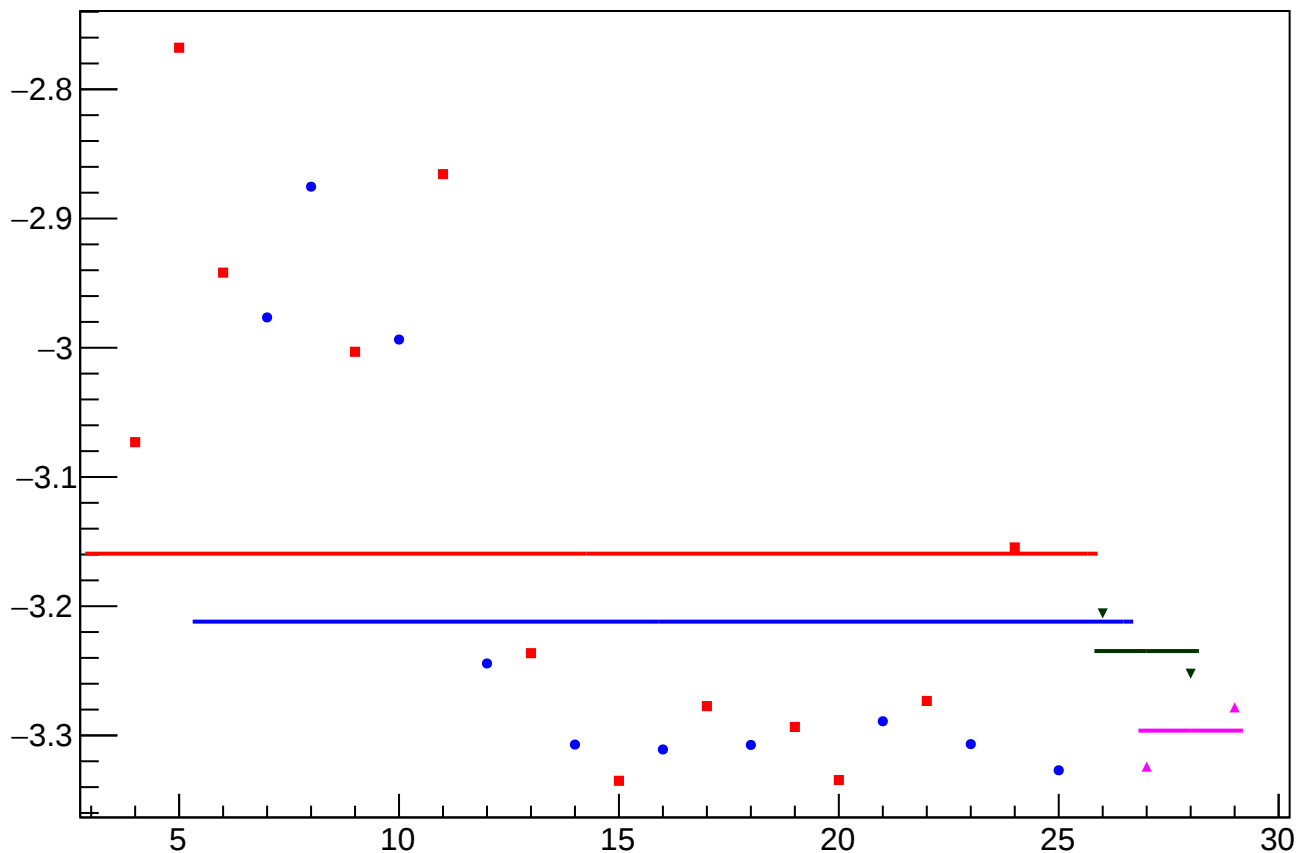
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.012+/-0.000 χ^2/NDF :23909.5/1

0.012+/-0.000 χ^2/NDF : 31830.5/11

0.012+/-0.000 χ^2/NDF : 62171.1/13

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.235+/-0.000 χ^2/NDF : 10738136.2/1

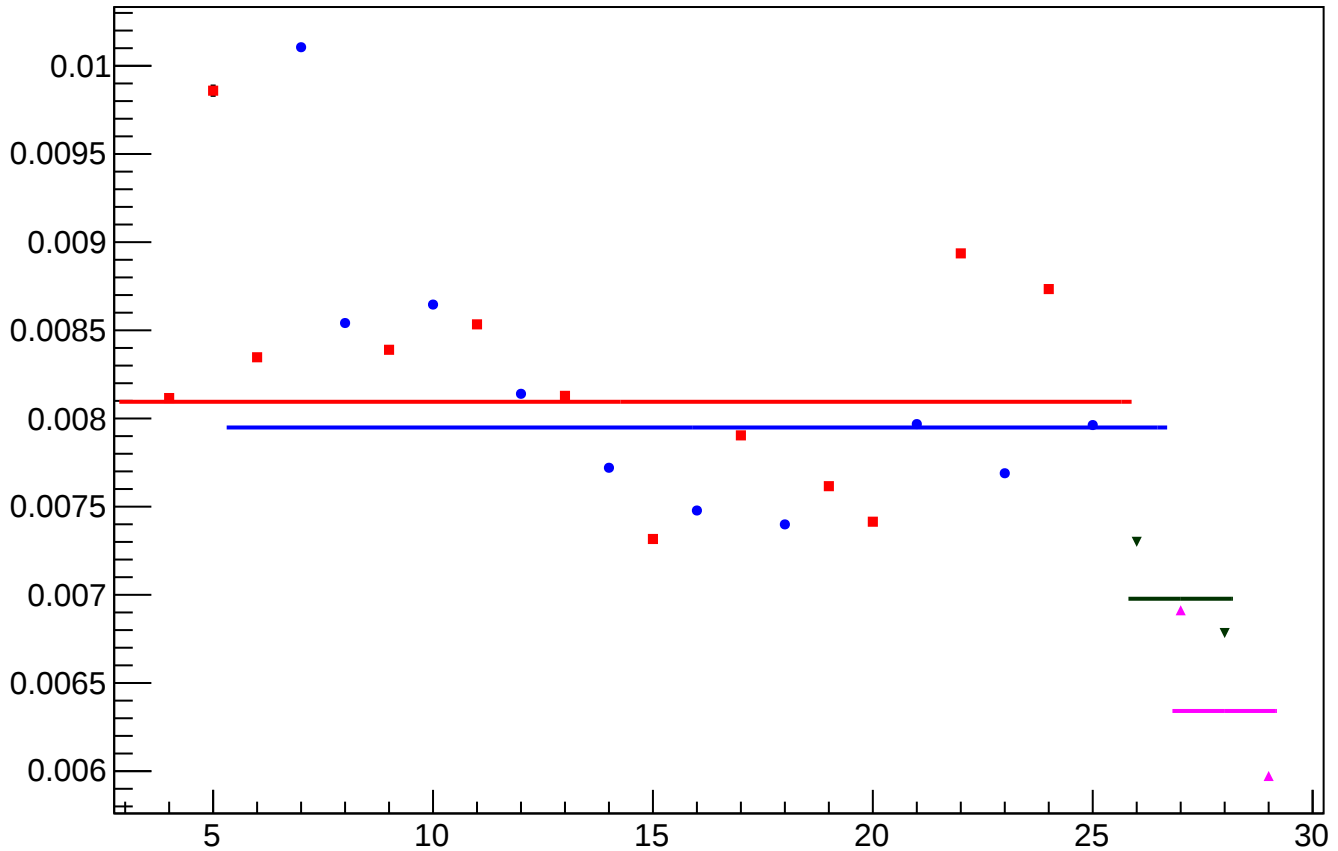
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.296+/-0.000 χ^2/NDF : 19469196.5/1

-3.216+/-0.000 χ^2/NDF : 2251532000.2/11

-3.204+/-0.000 χ^2/NDF : 2702841498.5/13

yield_bpm0l03X_rms vs slug



Right In: 0.008 $\pm$ 0.000 χ^2/NDF : 42380.1/9

Left Out: 0.007 $\pm$ 0.000 χ^2/NDF : 2636.7/1

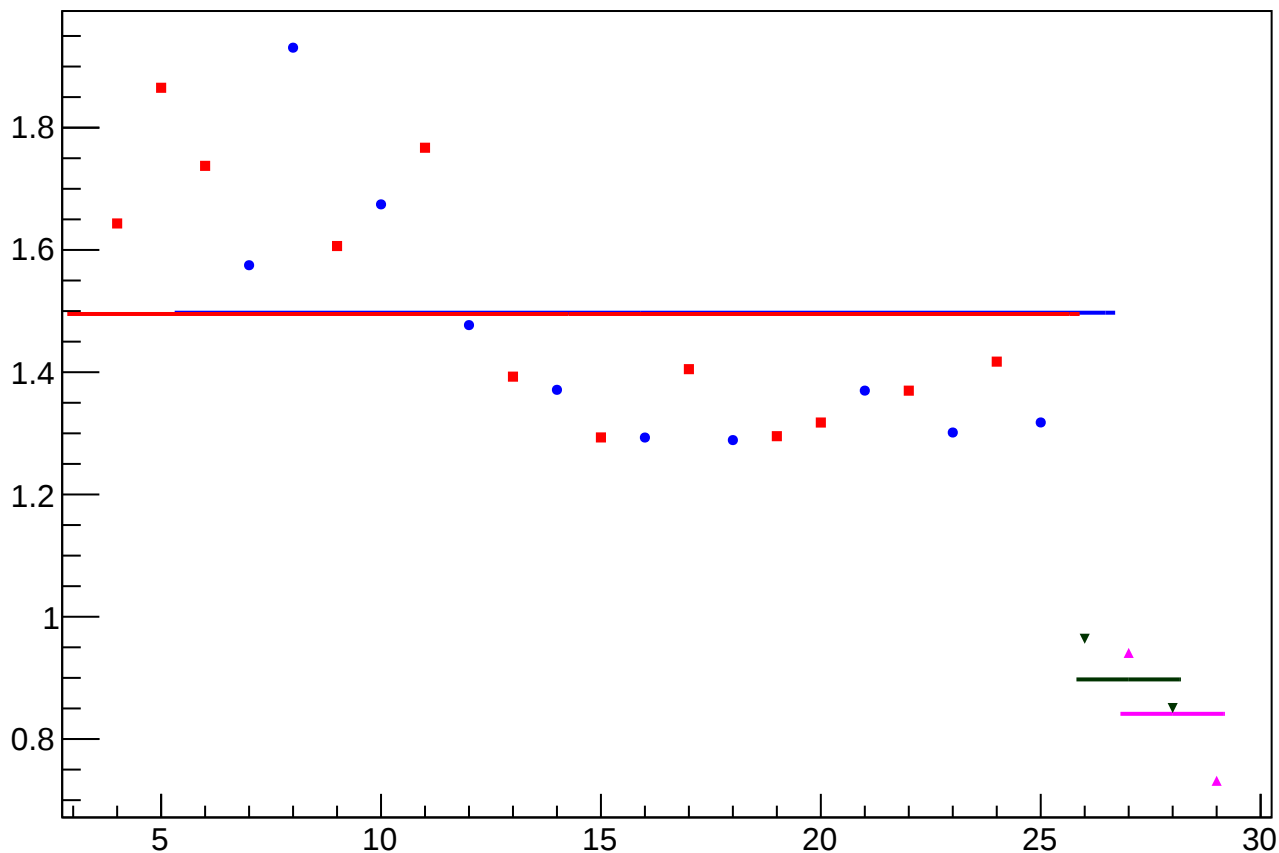
Right Out: 0.008 $\pm$ 0.000 χ^2/NDF : 41566.1/11

Left In: 0.006 $\pm$ 0.000 χ^2/NDF : 16375.0/1

0.008 $\pm$ 0.000 χ^2/NDF : 76969.7/11

0.008 $\pm$ 0.000 χ^2/NDF : 218755.1/13

yield_bpm0l03Y_mean vs slug



Right In: 1.497 $\pm$ 0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.897 $\pm$ 0.000 χ^2/NDF : 41219920.8/1

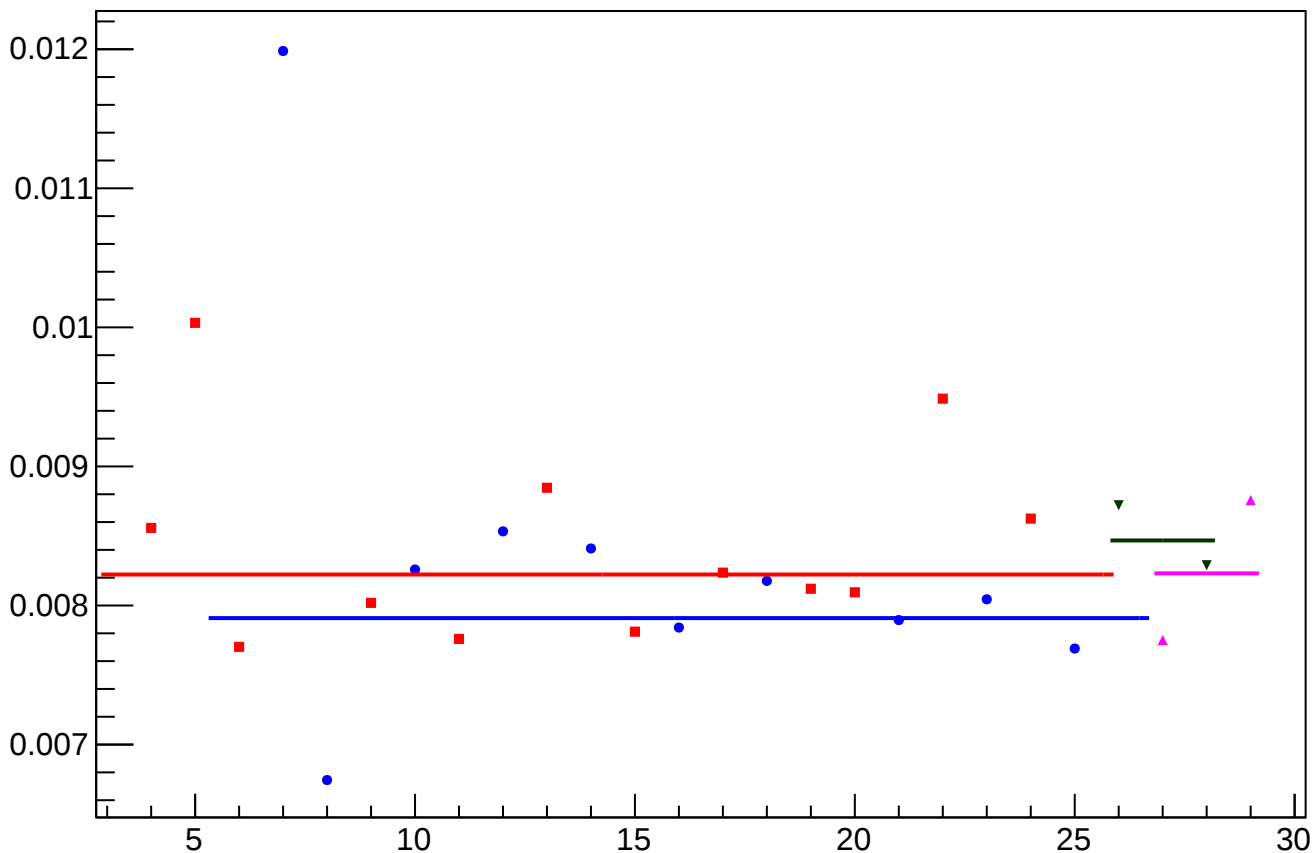
Right Out: 1.495 $\pm$ 0.000 χ^2/NDF : 2404671234.5/11

Left In: 0.841 $\pm$ 0.000 χ^2/NDF : 248363400.7/1

1.418 $\pm$ 0.000 χ^2/NDF : 9194435610.5/11

1.344 $\pm$ 0.000 χ^2/NDF : 10133395622.0/13

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91526.9/9

Left Out: 0.008+/-0.000 χ^2/NDF : 1194.5/1

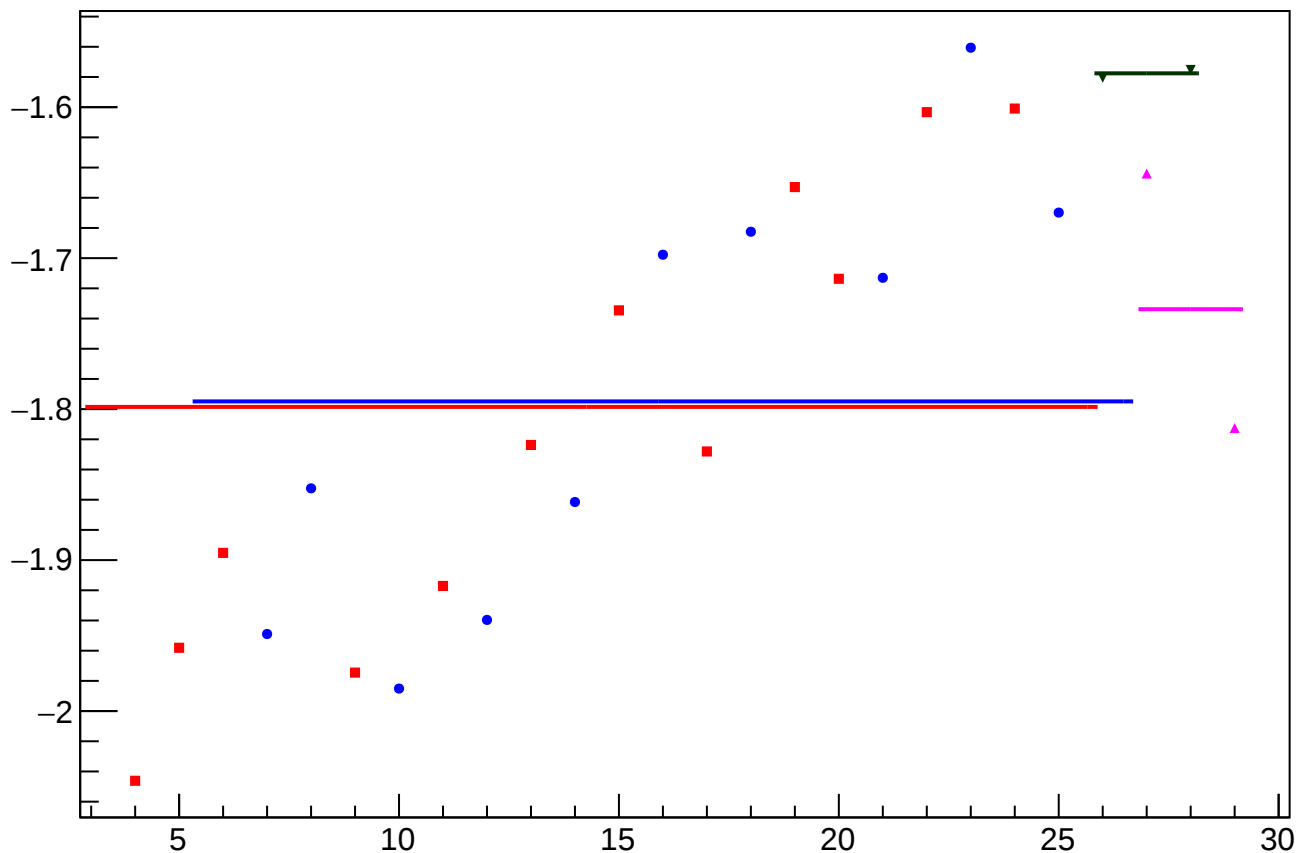
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 11479.3/1

0.008+/-0.000 χ^2/NDF : 99881.6/11

0.008+/-0.000 χ^2/NDF : 49650.1/13

yield_bpm0l04X_mean vs slug



Right In: -1.795 ± 0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.578 ± 0.000 χ^2/NDF : 51310.1/1

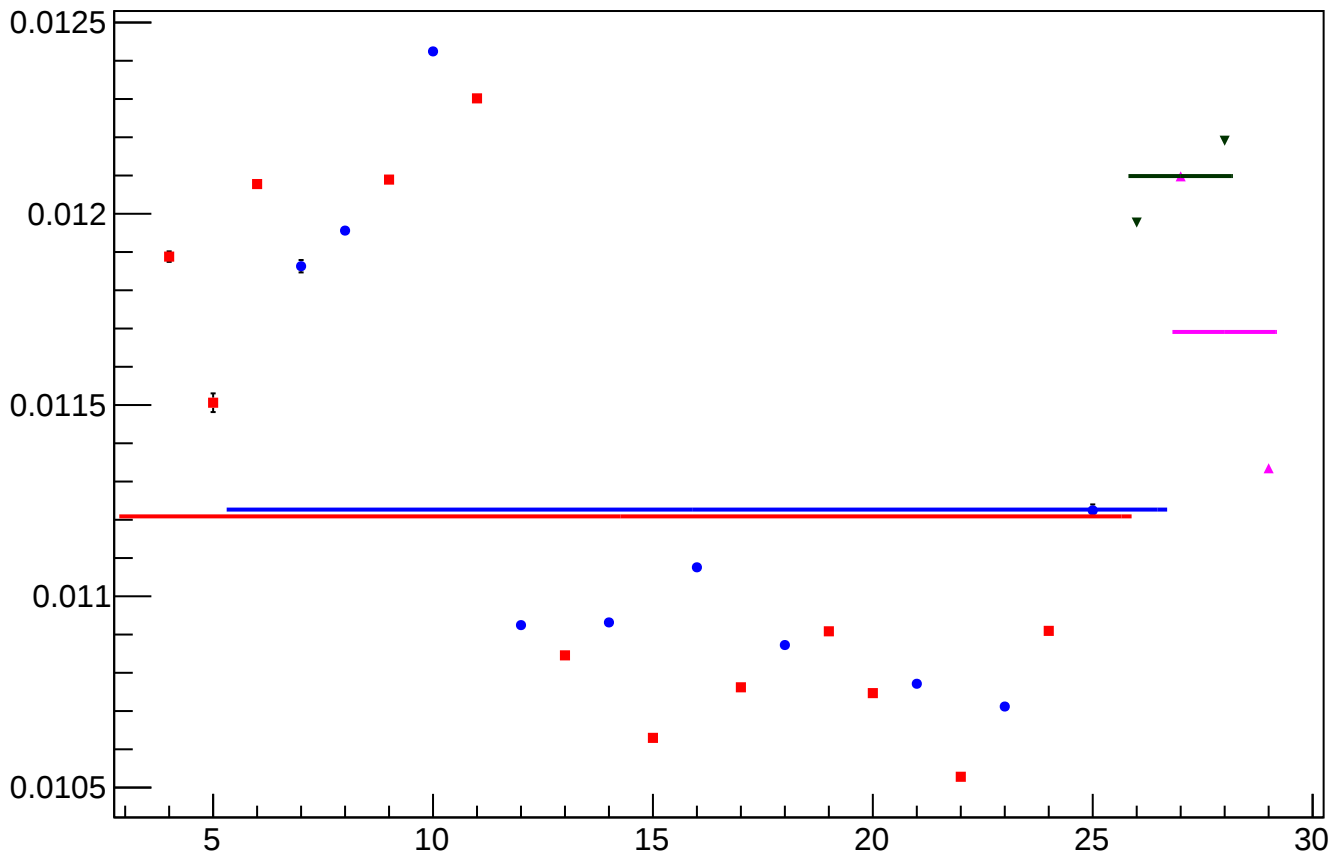
Right Out: -1.799 ± 0.000 χ^2/NDF : 930787190.3/11

Left In: -1.734 ± 0.000 χ^2/NDF : 86563167.3/1

-1.766 ± 0.000 χ^2/NDF : 1157642525.7/11

-1.786 ± 0.000 χ^2/NDF : 1058521950.5/13

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 :177.1/1

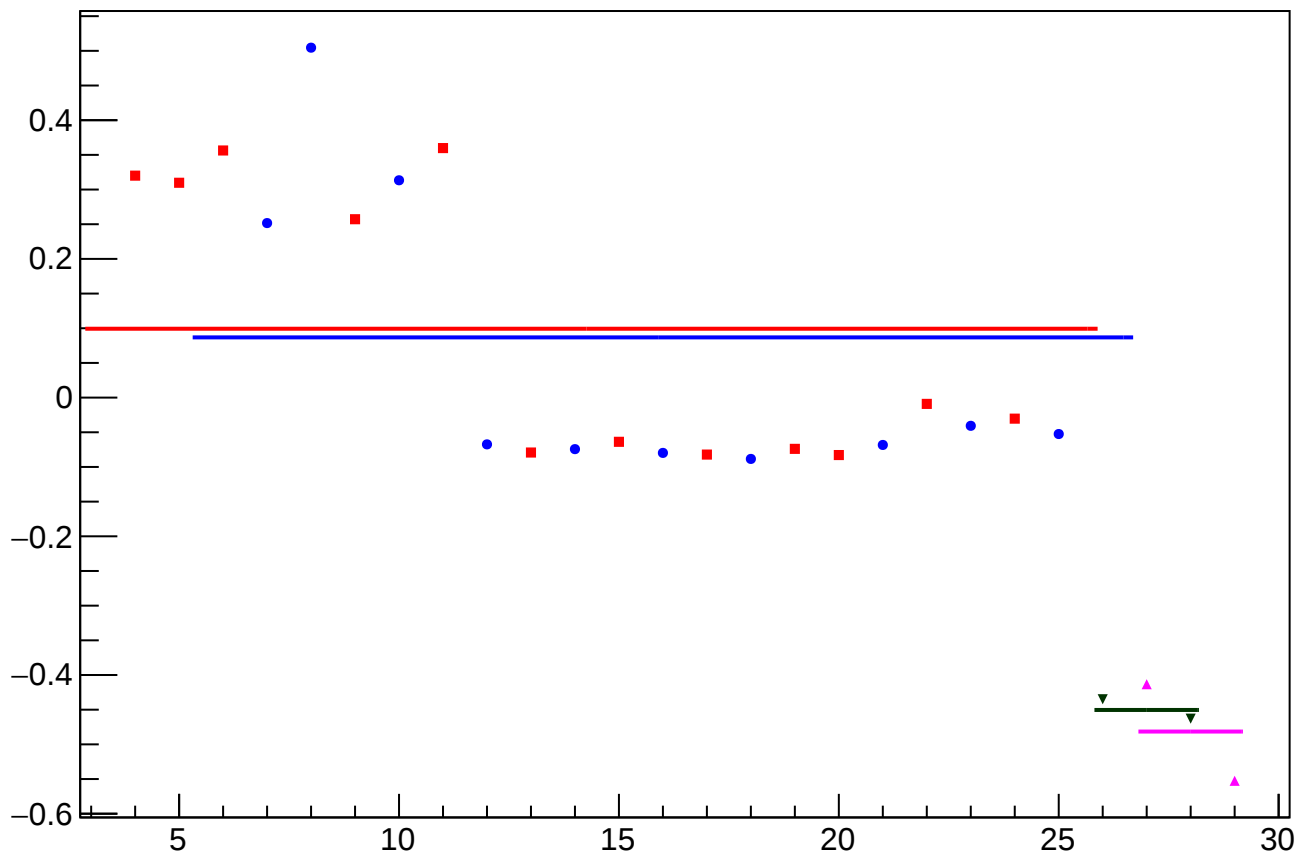
0.011+/-0.000 χ^2/NDF : 42750.3/11

Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

0.011+/-0.000 χ^2/NDF : 49230.9/13

Left In: 0.012+/-0.000 χ^2/NDF :3547.8/1

yield_bpm0l04Y_mean vs slug



Right In: 0.087+/-0.000 χ^2/NDF : 6587794227.2/9

Left Out: -0.450+/-0.000 χ^2/NDF : 3497890.6/1

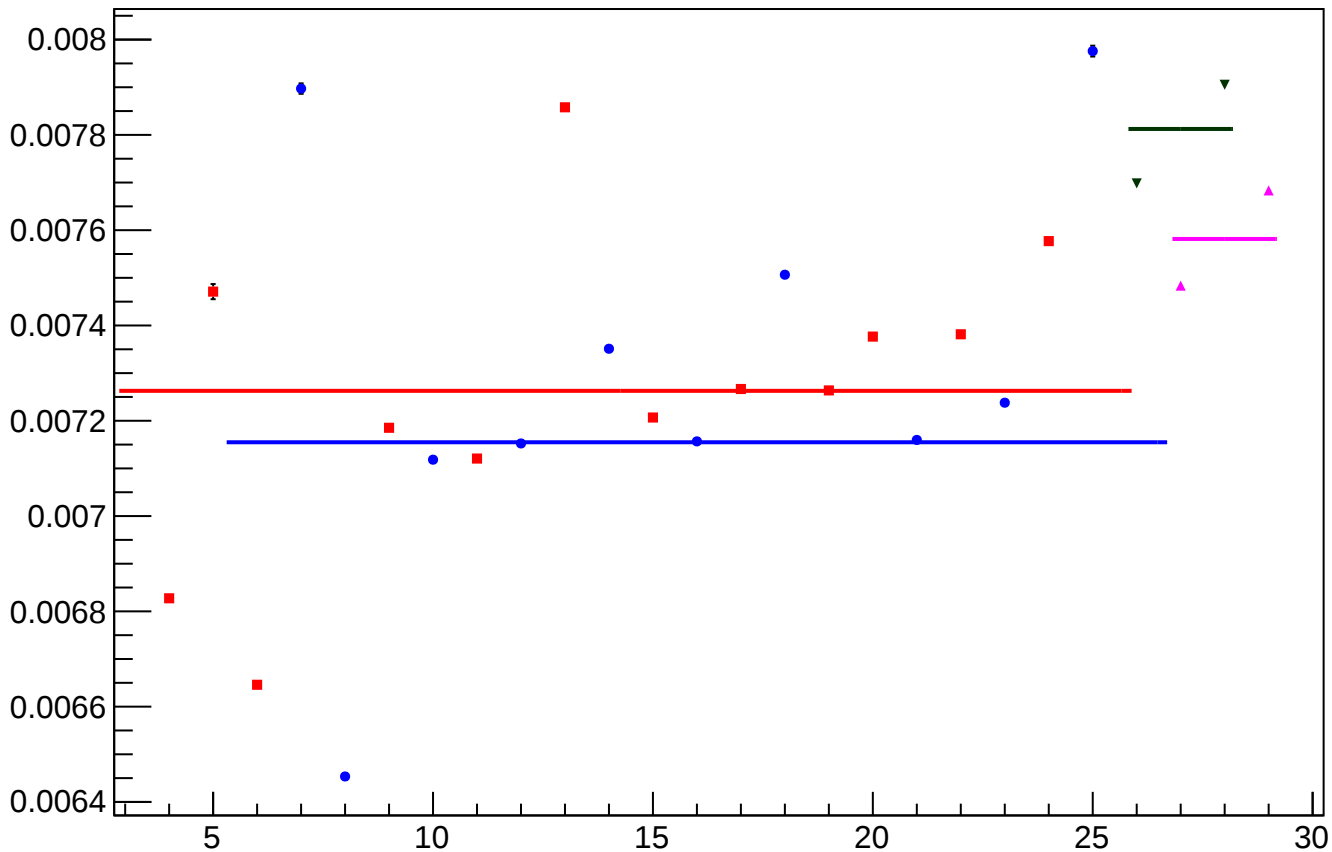
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.482+/-0.000 χ^2/NDF : 139743668.5/1

0.018+/-0.000 χ^2/NDF : 11134478550.9/11

-0.016+/-0.000 χ^2/NDF : 12169945522.6/13

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 : 382.9/1

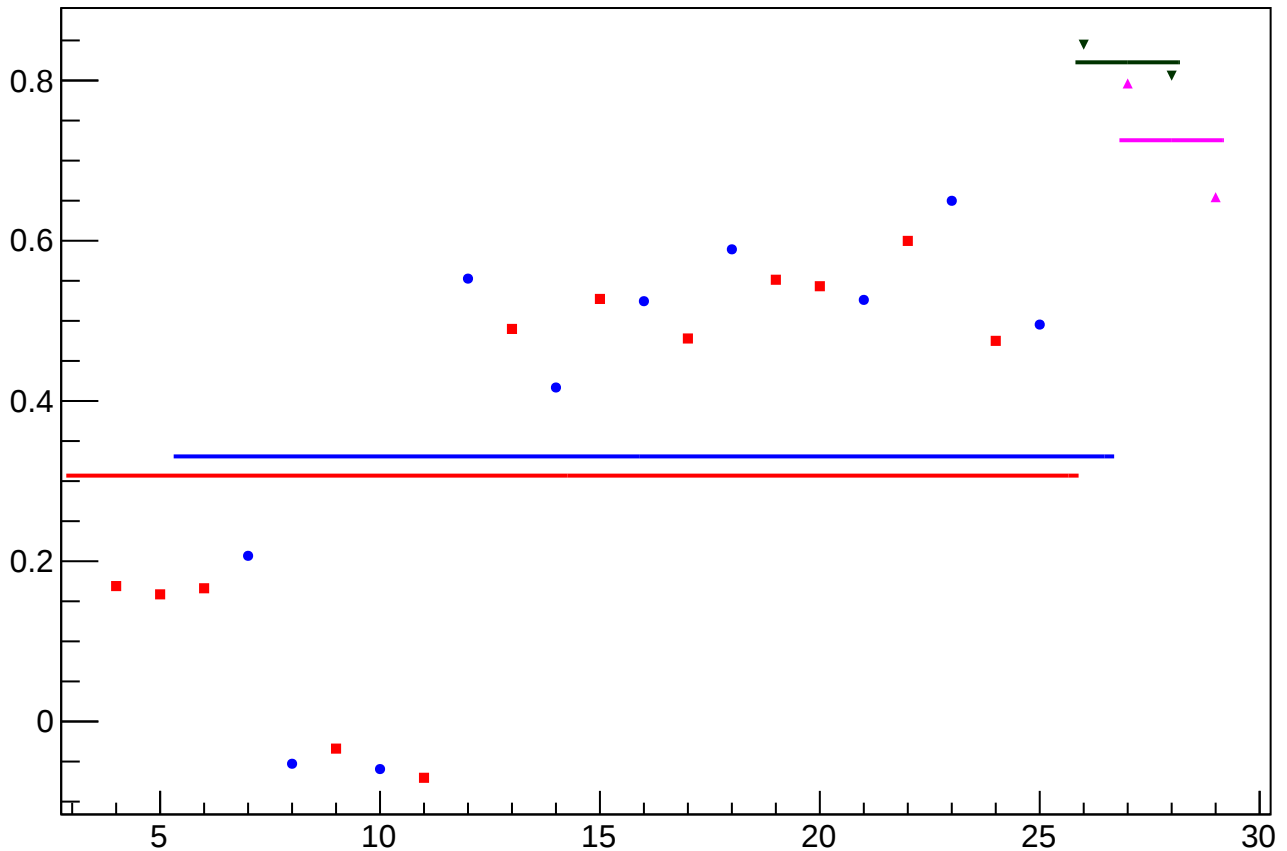
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-0.000 χ^2/NDF : 575.7/1

0.007+/-0.000 χ^2/NDF : 49009.3/11

0.007+/-0.000 χ^2/NDF : 30727.0/13

yield_bpm0l05X_mean vs slug



Right In: 0.331 $\pm$ 0.000 χ^2 /NDF: 10288533334.9/9

Left Out: 0.823 $\pm$ 0.000 χ^2 /NDF: 9241163.1/1

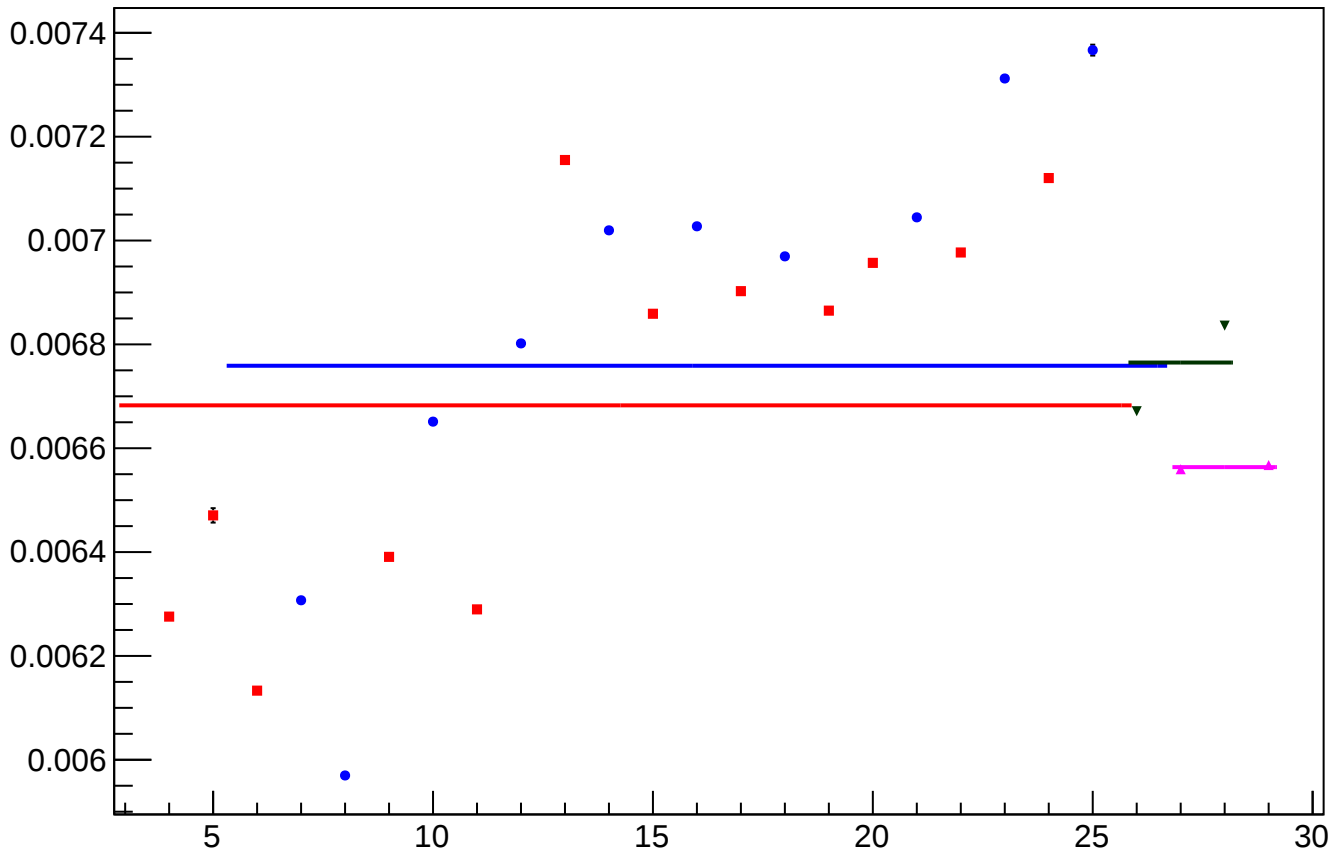
0.407 $\pm$ 0.000 χ^2 /NDF: 15449121952.9/11

Right Out: 0.307 $\pm$ 0.000 χ^2 /NDF: 8592627222.1/11

0.398 $\pm$ 0.000 χ^2 /NDF: 14116903685.0/13

Left In: 0.725 $\pm$ 0.000 χ^2 /NDF: 196110836.4/1

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 : 335.6/1

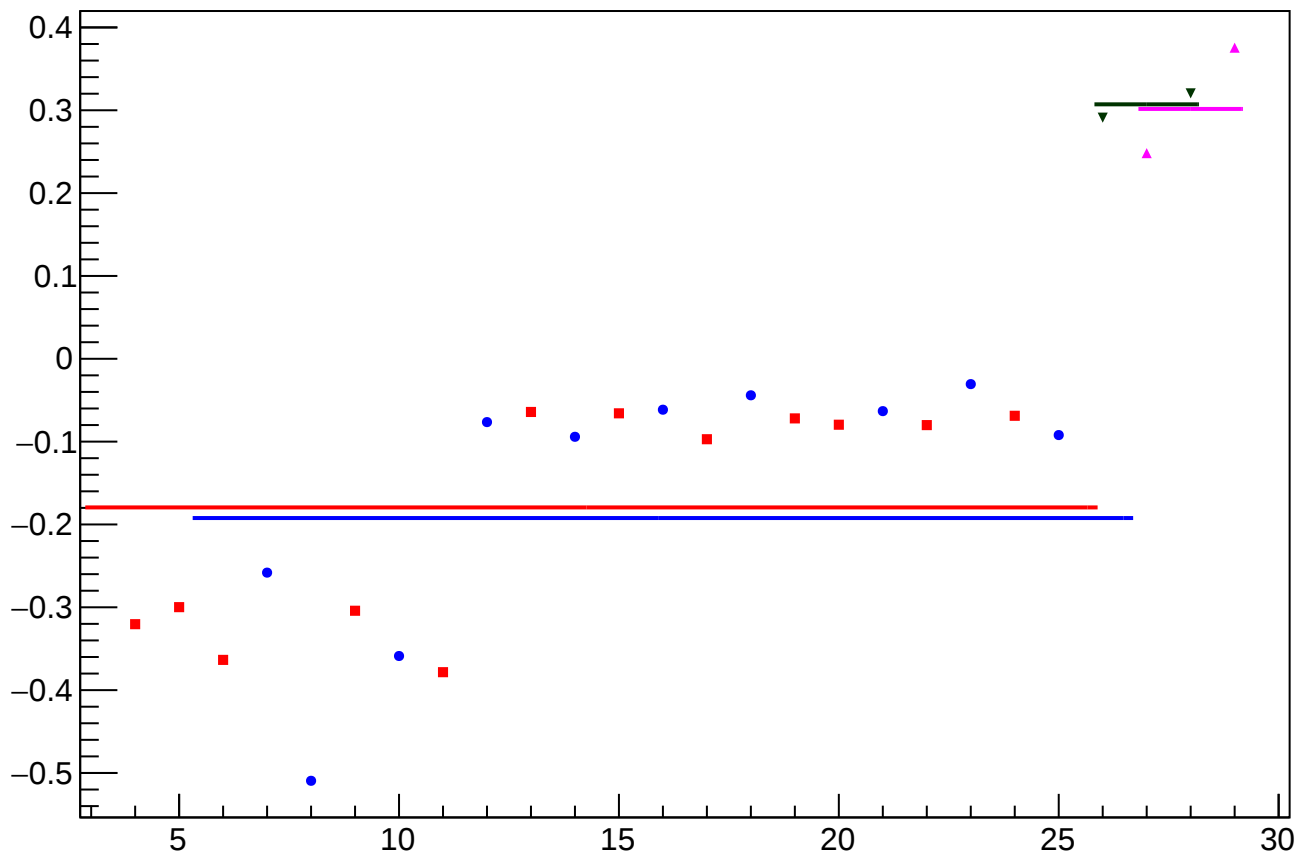
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 1.3/1

0.007+/-0.000 χ^2/NDF : 51437.7/11

0.007+/-0.000 χ^2/NDF : 38784.9/13

yield_bpm0l05Y_mean vs slug



Right In: -0.192 ± 0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.307 ± 0.000 χ^2/NDF : 8447582.8/1

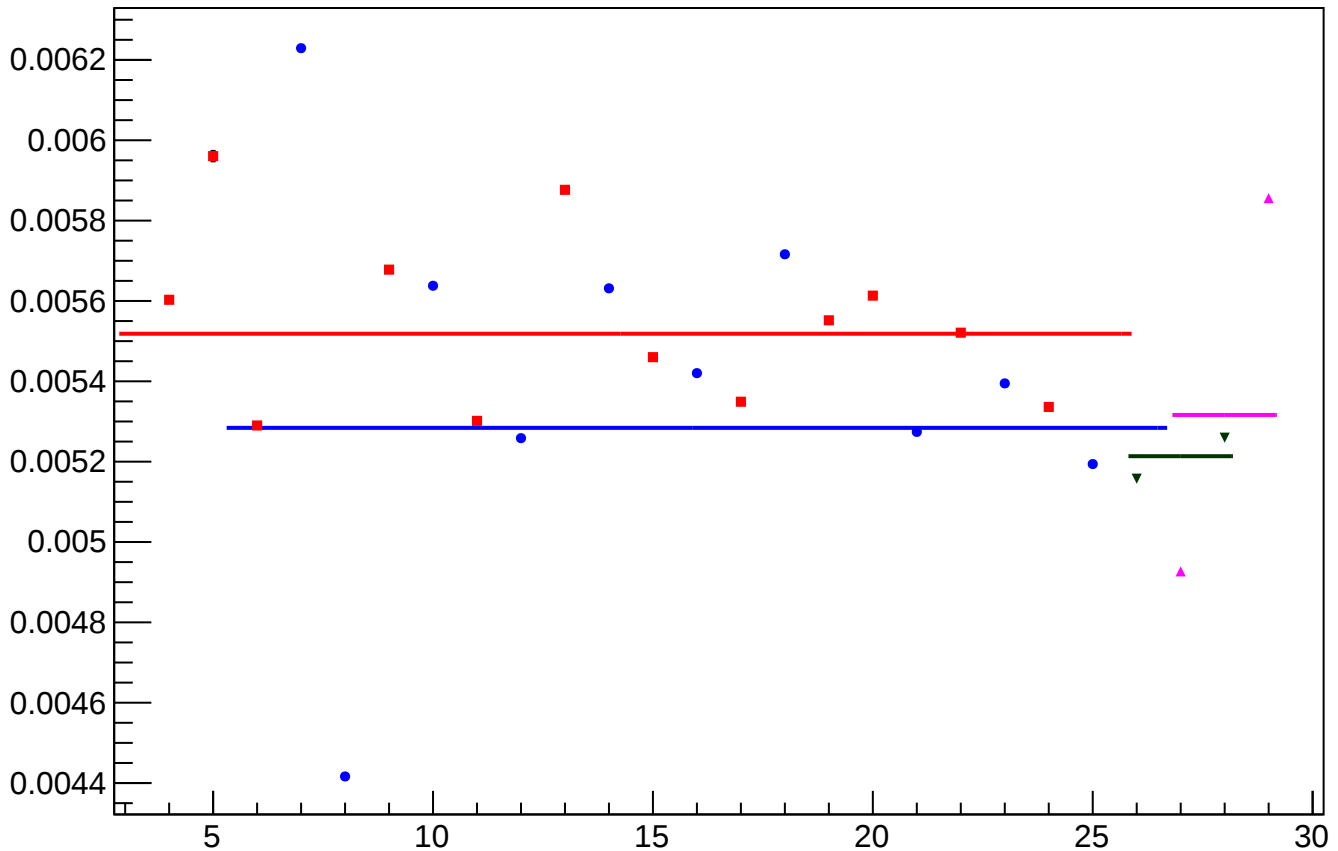
Right Out: -0.179 ± 0.000 χ^2/NDF : 3508774818.6/11

Left In: 0.302 ± 0.000 χ^2/NDF : 227716103.2/1

-0.117 ± 0.000 χ^2/NDF : 15920236328.8/11

-0.071 ± 0.000 χ^2/NDF : 14093227992.7/13

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 101310.2/9

Left Out: 0.005+/-0.000 χ^2/NDF :204.5/1

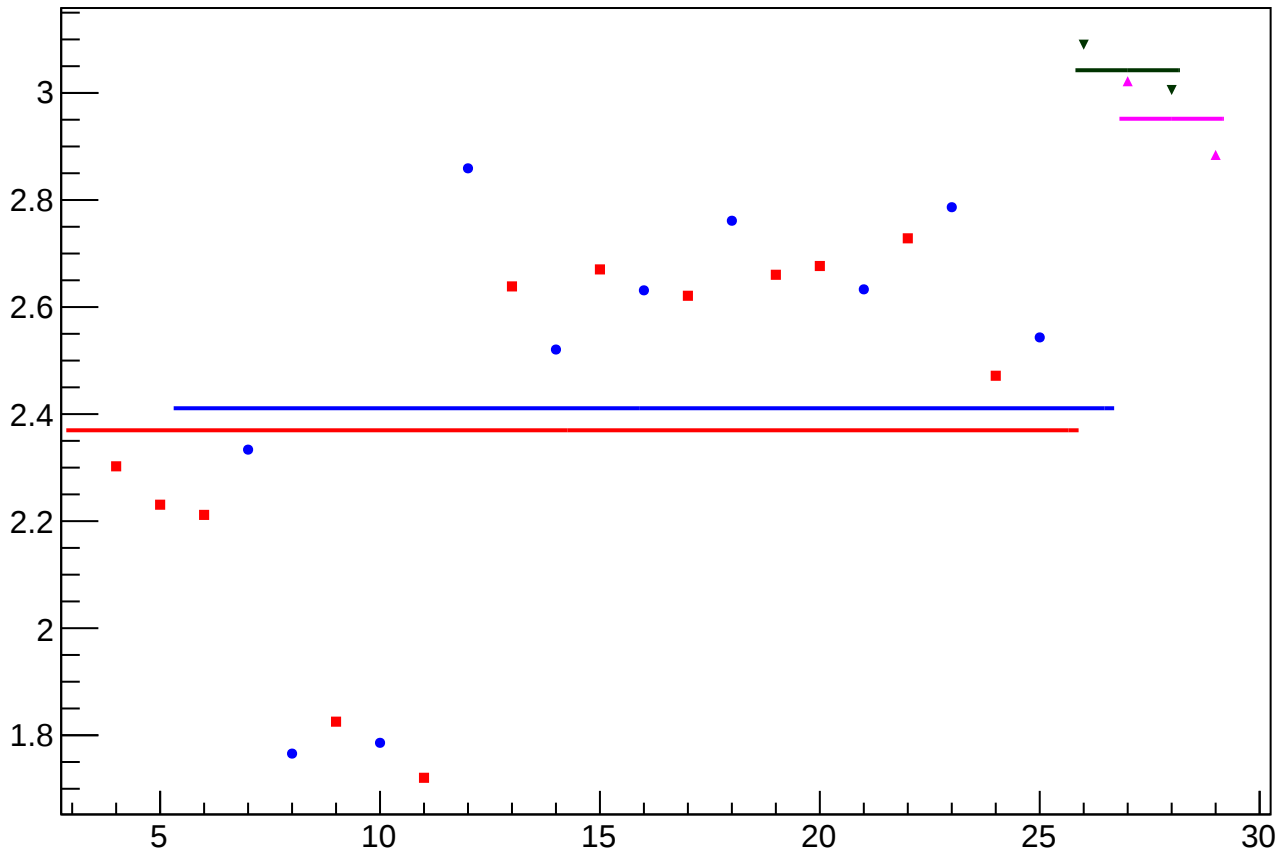
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.005+/-0.000 χ^2/NDF :24252.4/1

0.005+/-0.000 χ^2/NDF : 101849.6/11

0.005+/-0.000 χ^2/NDF : 43794.9/13

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 3.042+/-0.000 χ^2/NDF : 20511276.9/1

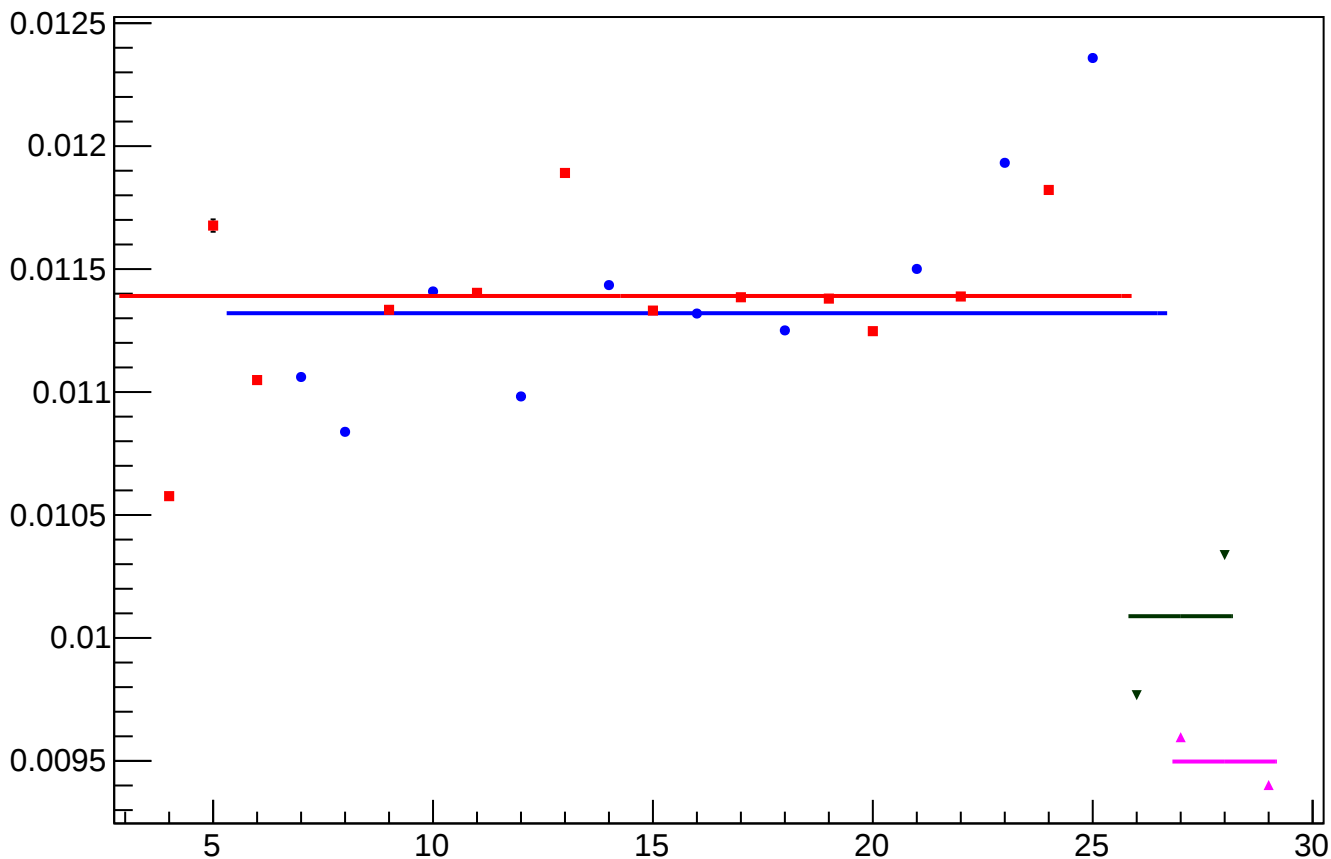
2.531+/-0.000 χ^2/NDF : 12061072937.8/11

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.534+/-0.000 χ^2/NDF : 10797666885.4/13

Left In: 2.952+/-0.000 χ^2/NDF : 88861923.3/1

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 : 1856.0/1

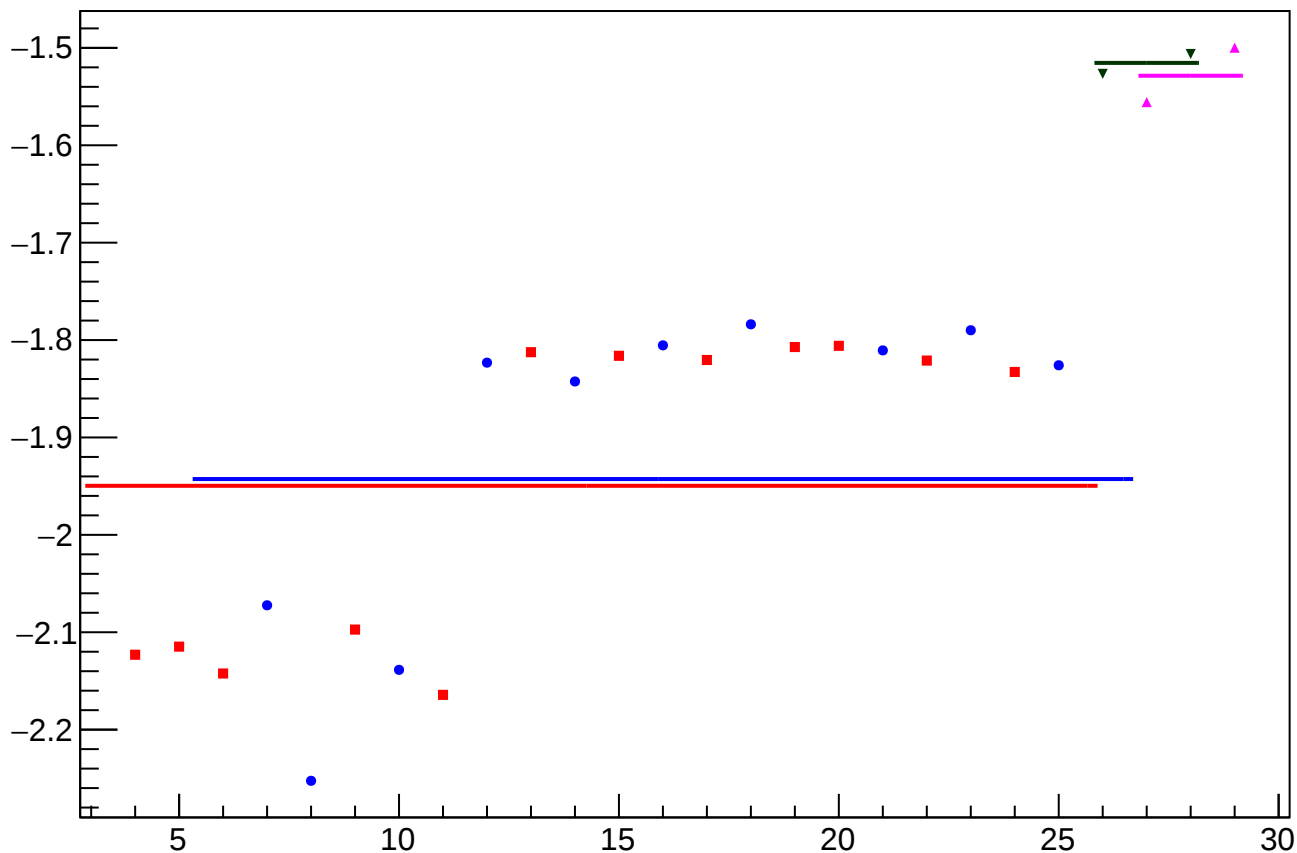
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.009+/-0.000 χ^2/NDF : 354.8/1

0.011+/-0.000 χ^2/NDF : 42088.2/11

0.011+/-0.000 χ^2/NDF : 107347.6/13

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.515+/-0.000 χ^2/NDF : 4218695.3/1

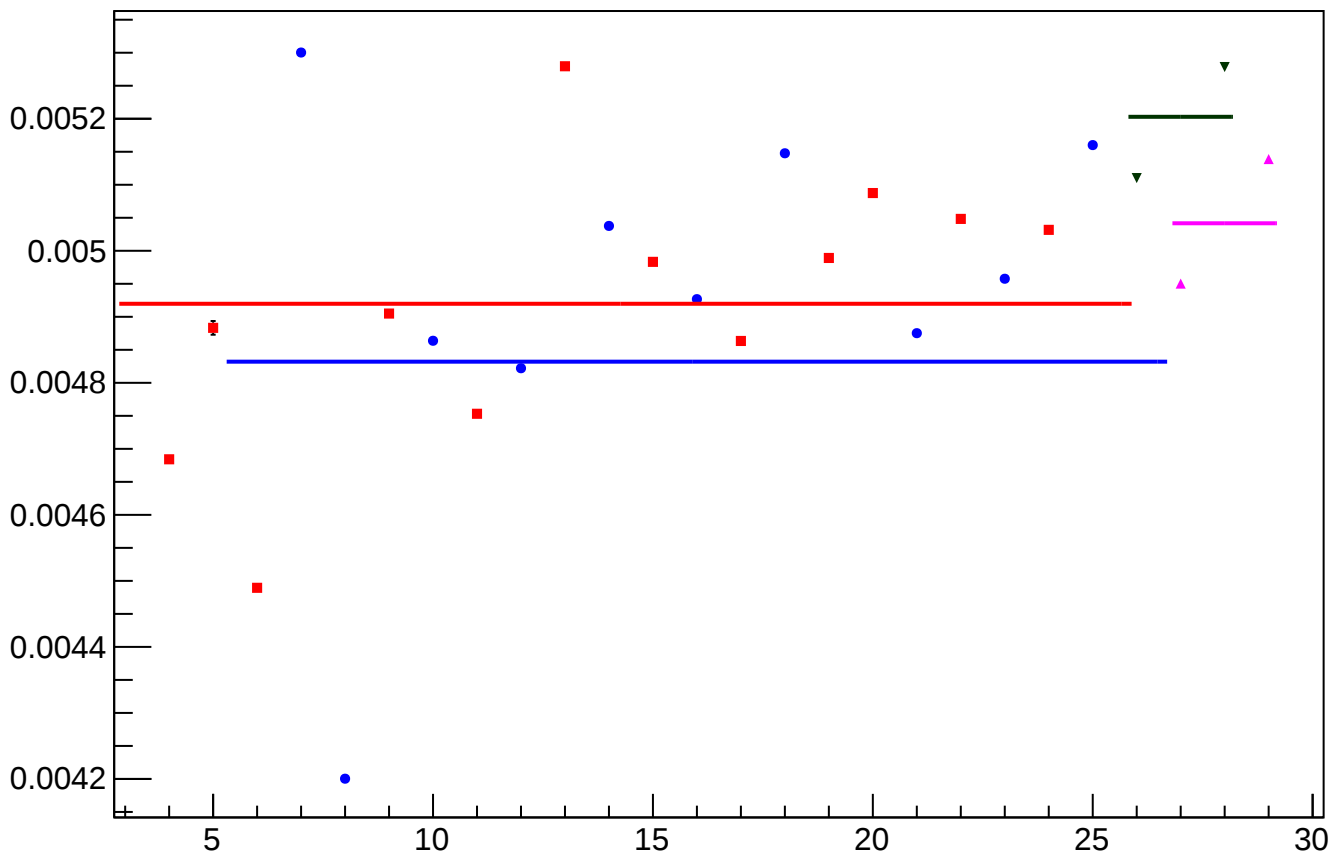
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.529+/-0.000 χ^2/NDF : 50849977.0/1

-1.886+/-0.000 χ^2/NDF : 15677754770.9/11

-1.864+/-0.000 χ^2/NDF : 15426802286.8/13

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 : 573.5/1

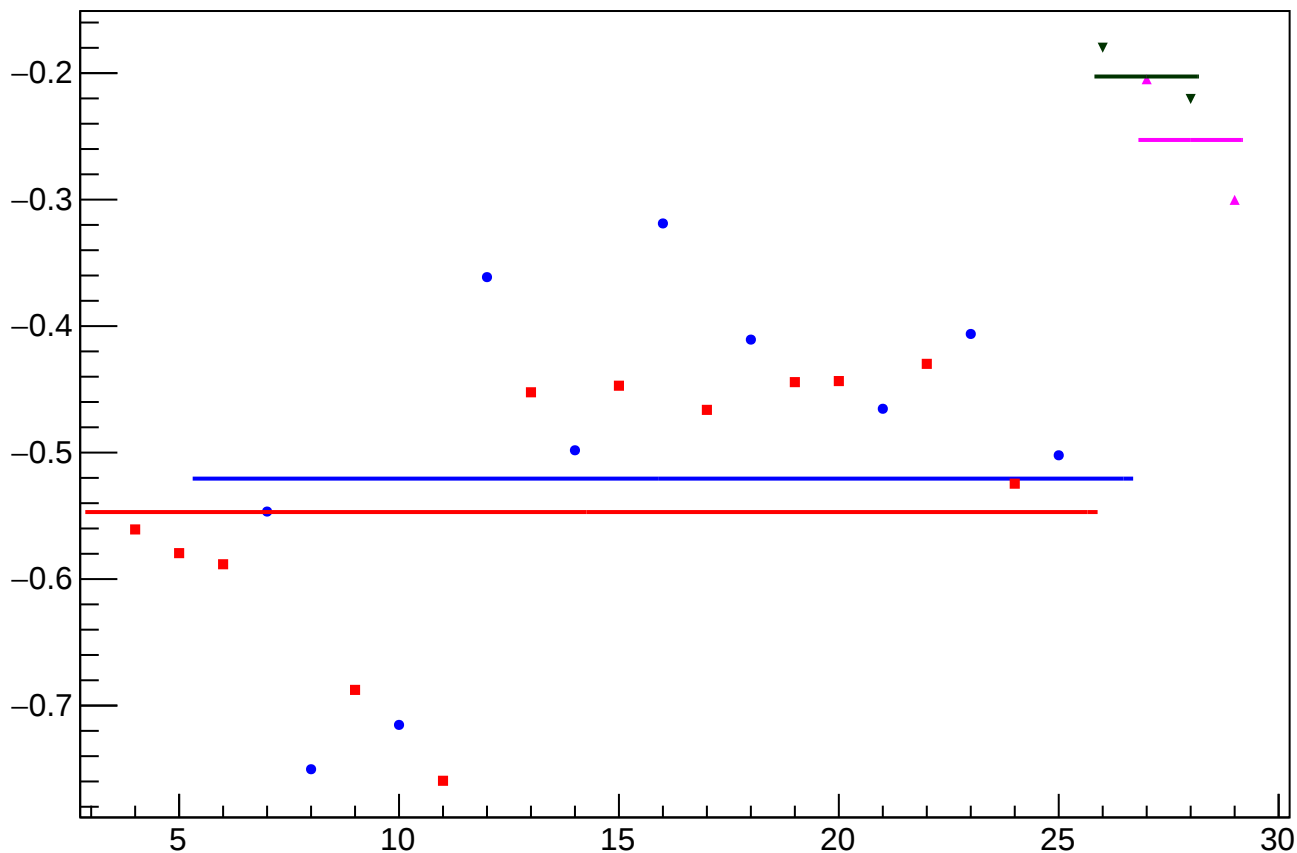
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 1159.6/1

0.005+/-0.000 χ^2/NDF : 65604.3/11

0.005+/-0.000 χ^2/NDF : 26534.9/13

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.203+/-0.000 χ^2/NDF : 2094917.1/1

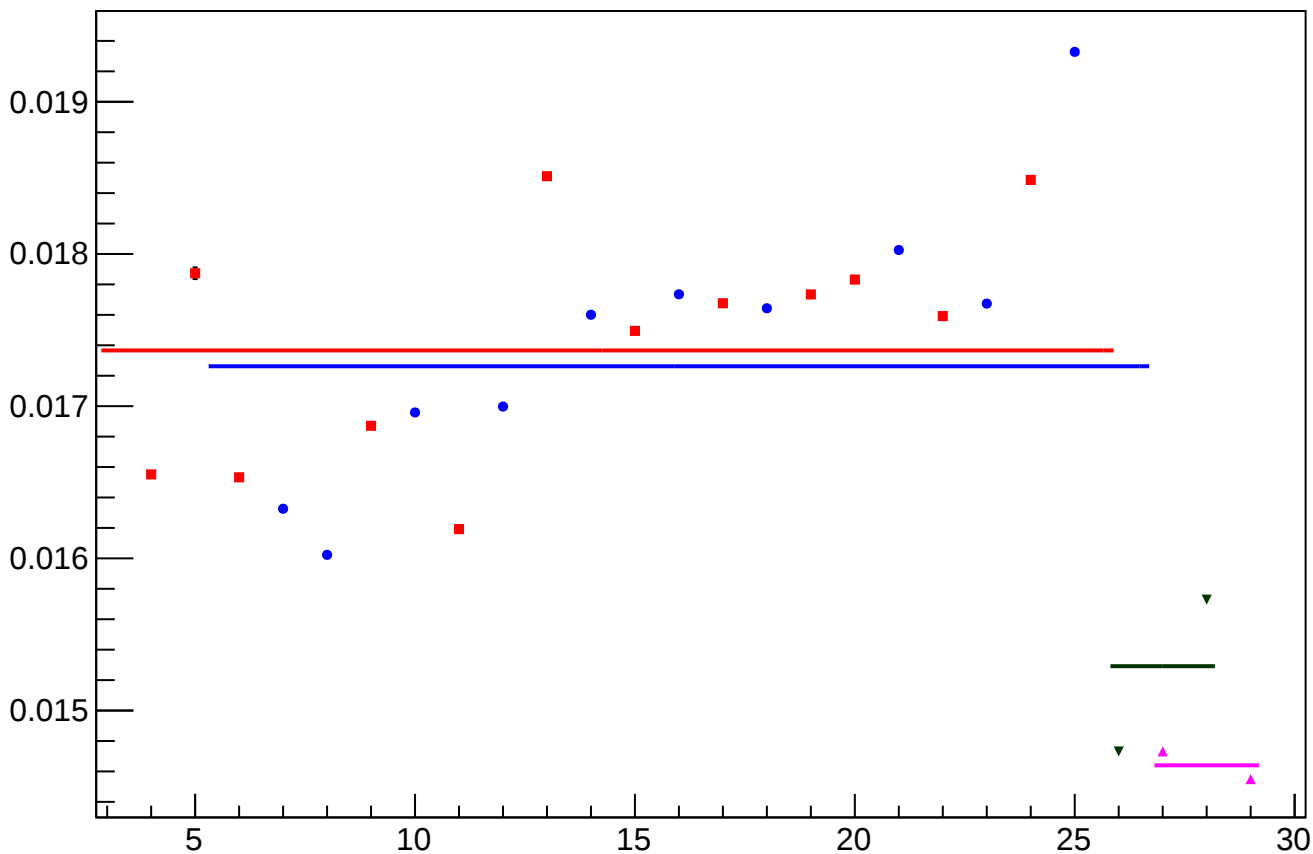
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.253+/-0.000 χ^2/NDF : 18014868.6/1

-0.458+/-0.000 χ^2/NDF : 896137925.4/11

-0.465+/-0.000 χ^2/NDF : 781468783.2/13

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 :2539.2/1

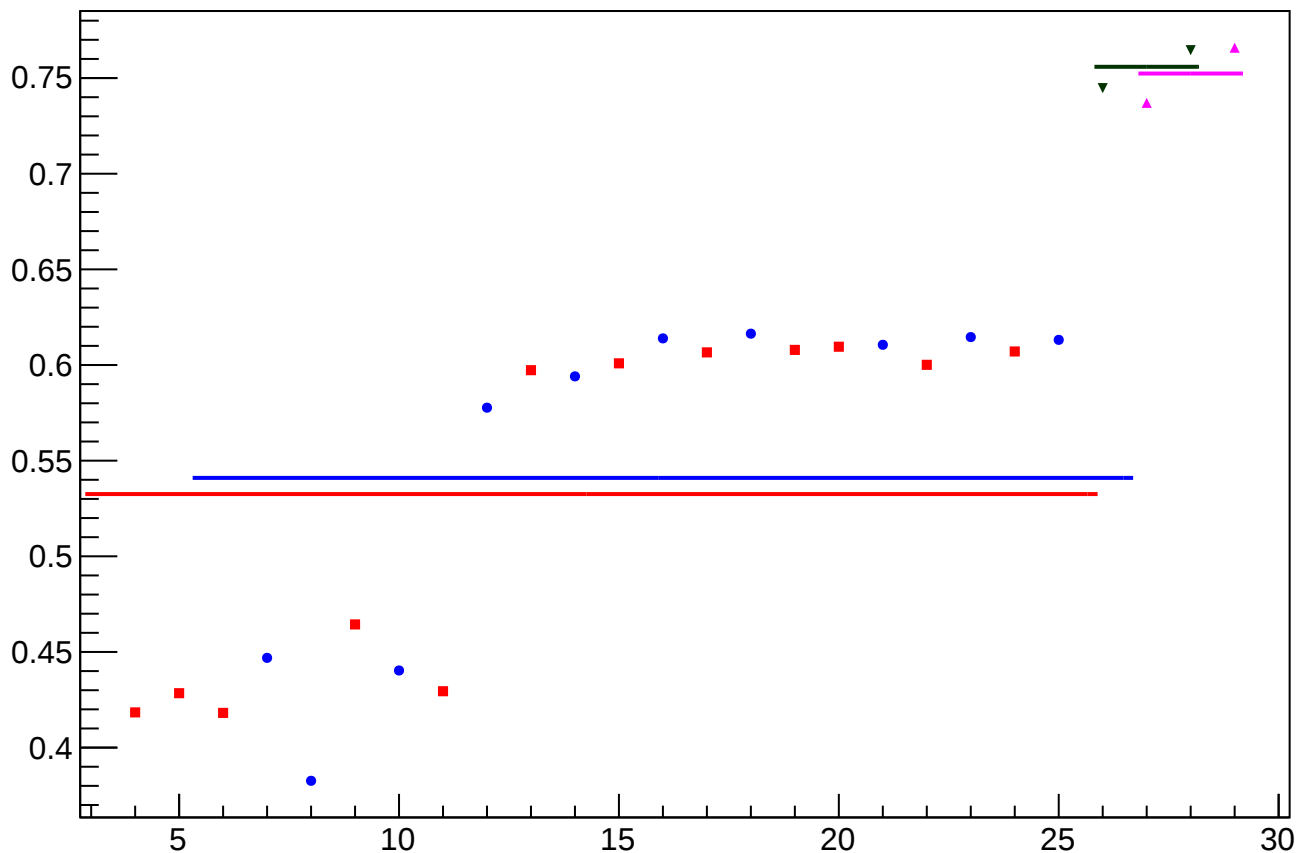
Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

Left In: 0.015+/-0.000 χ^2/NDF :131.8/1

0.017+/-0.000 χ^2/NDF : 59002.9/11

0.017+/-0.000 χ^2/NDF : 110132.6/13

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.756+/-0.000 χ^2/NDF : 9516068.9/1

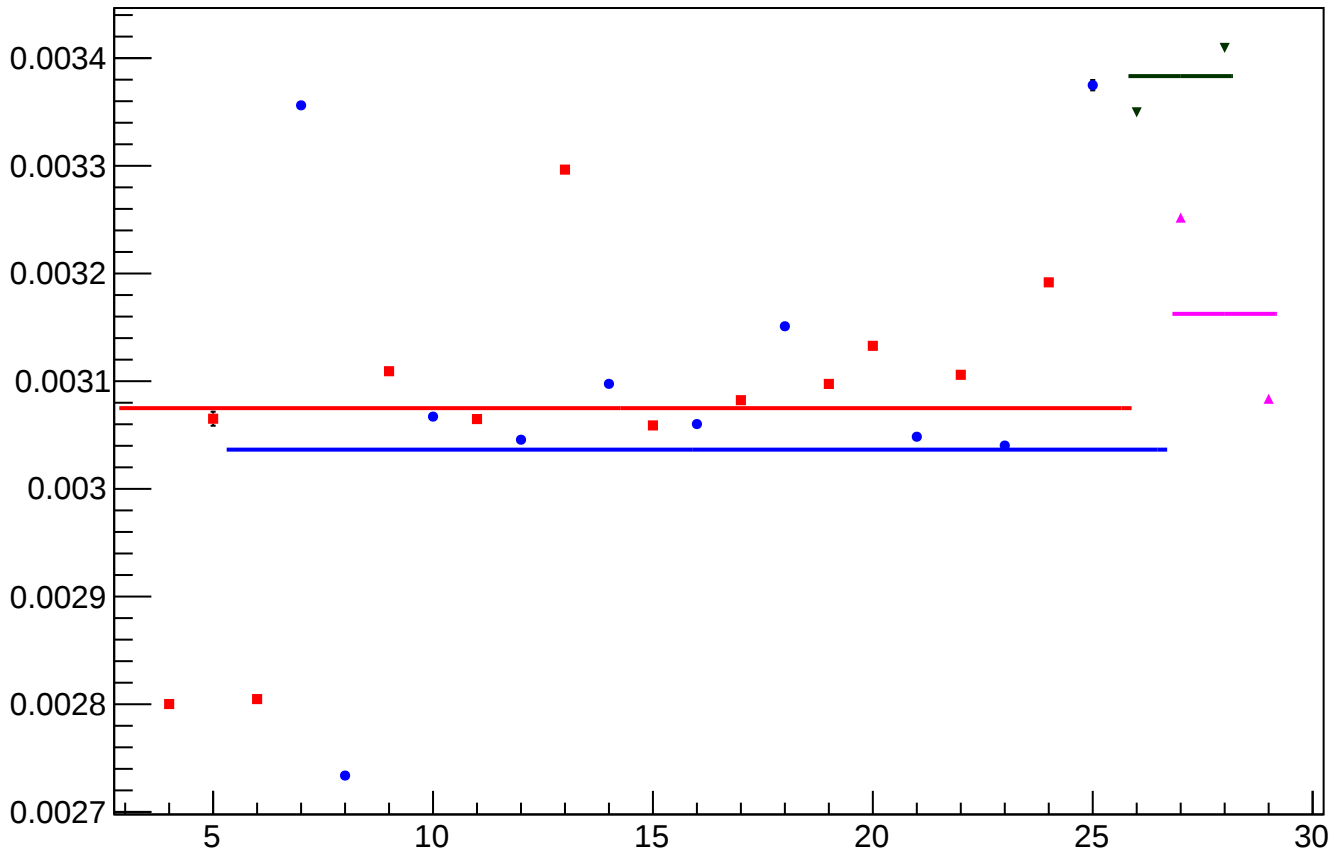
Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

Left In: 0.752+/-0.000 χ^2/NDF : 34325836.3/1

0.568+/-0.000 χ^2/NDF : 9844857823.5/11

0.577+/-0.000 χ^2/NDF : 11033545216.8/13

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 :173.1/1

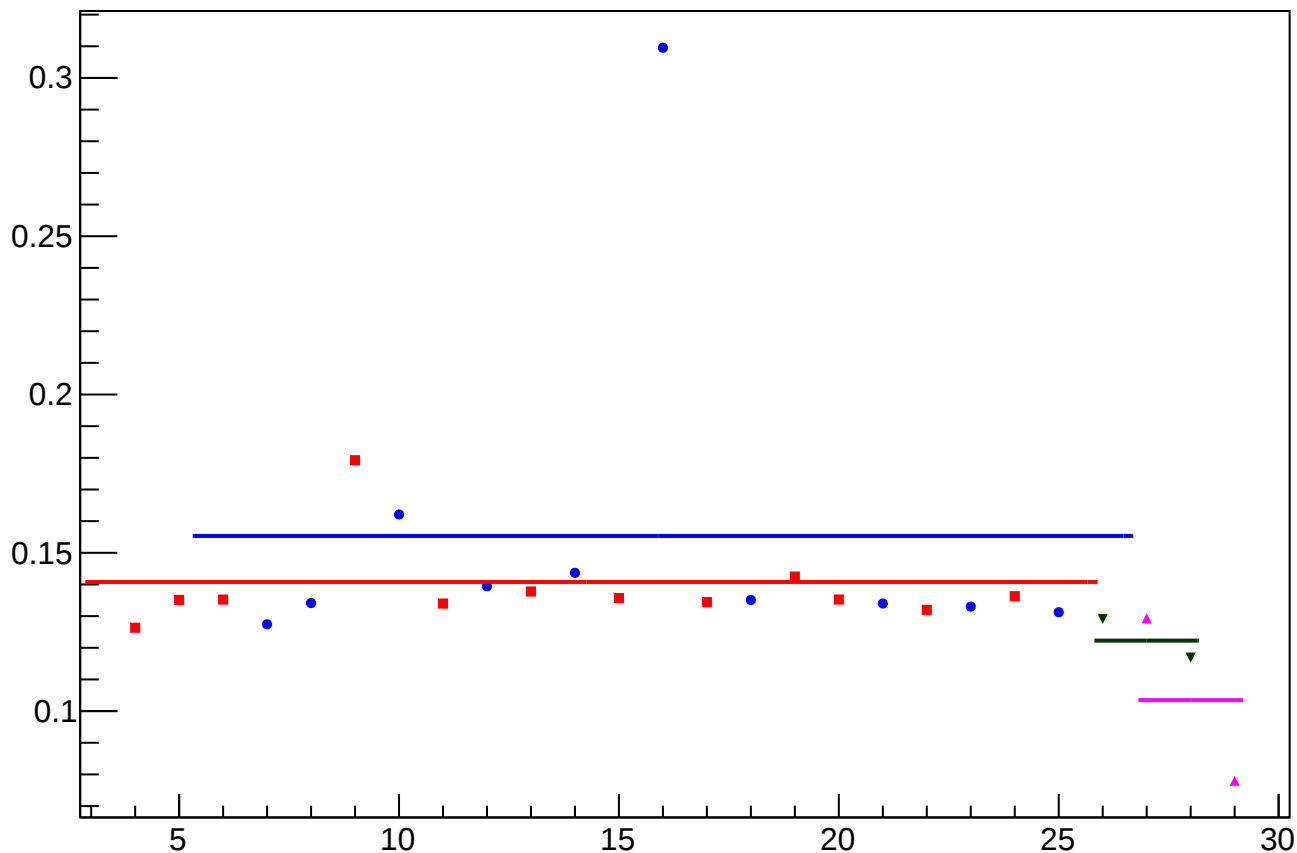
Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

Left In: 0.003+/-0.000 χ^2/NDF :2336.4/1

0.003+/-0.000 χ^2/NDF : 54708.7/11

0.003+/-0.000 χ^2/NDF : 31515.6/13

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.122+/-0.000 χ^2/NDF : 219882.7/1

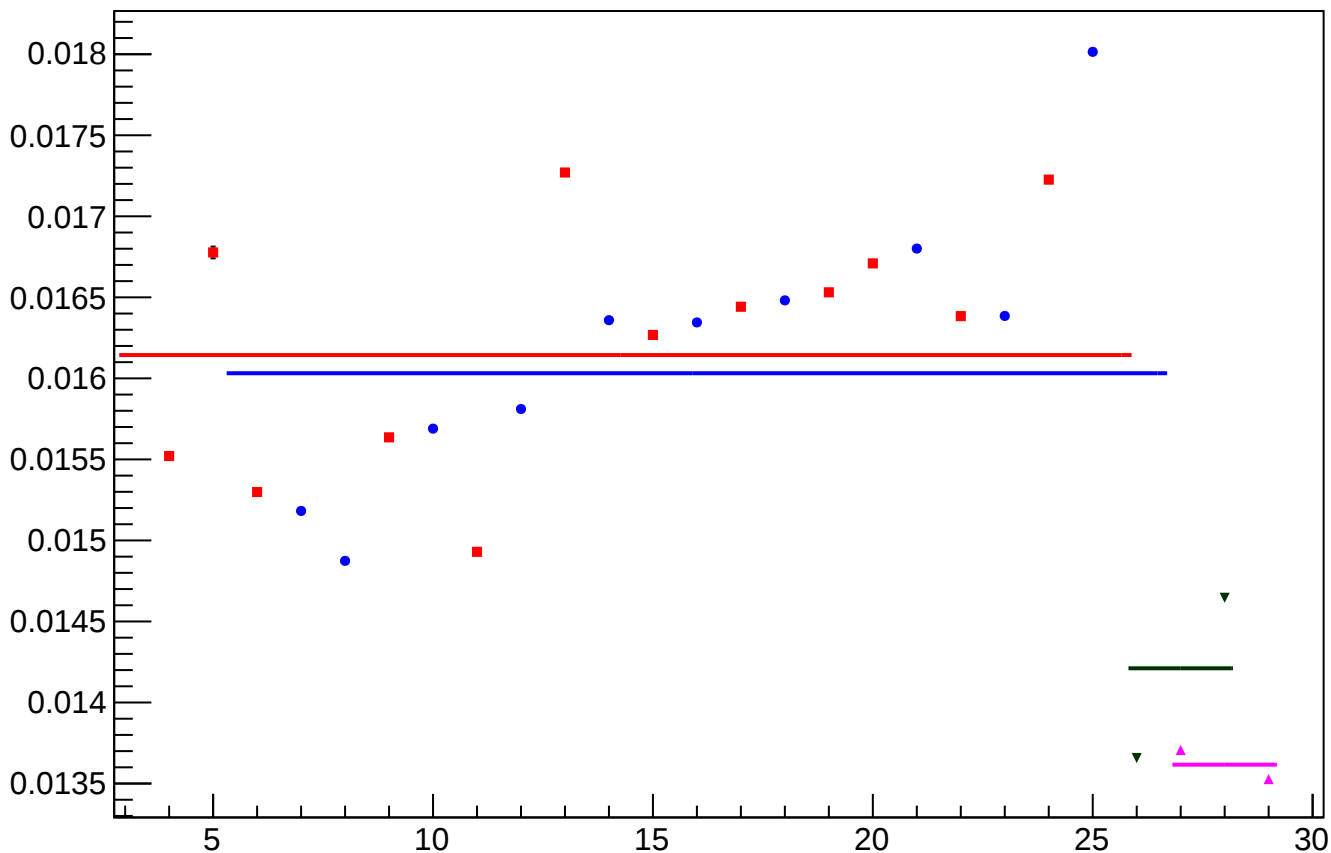
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.103+/-0.000 χ^2/NDF : 6035510.6/1

0.149+/-0.000 χ^2/NDF : 66023028.2/11

0.130+/-0.000 χ^2/NDF : 20669530.3/13

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 : 2892.5/1

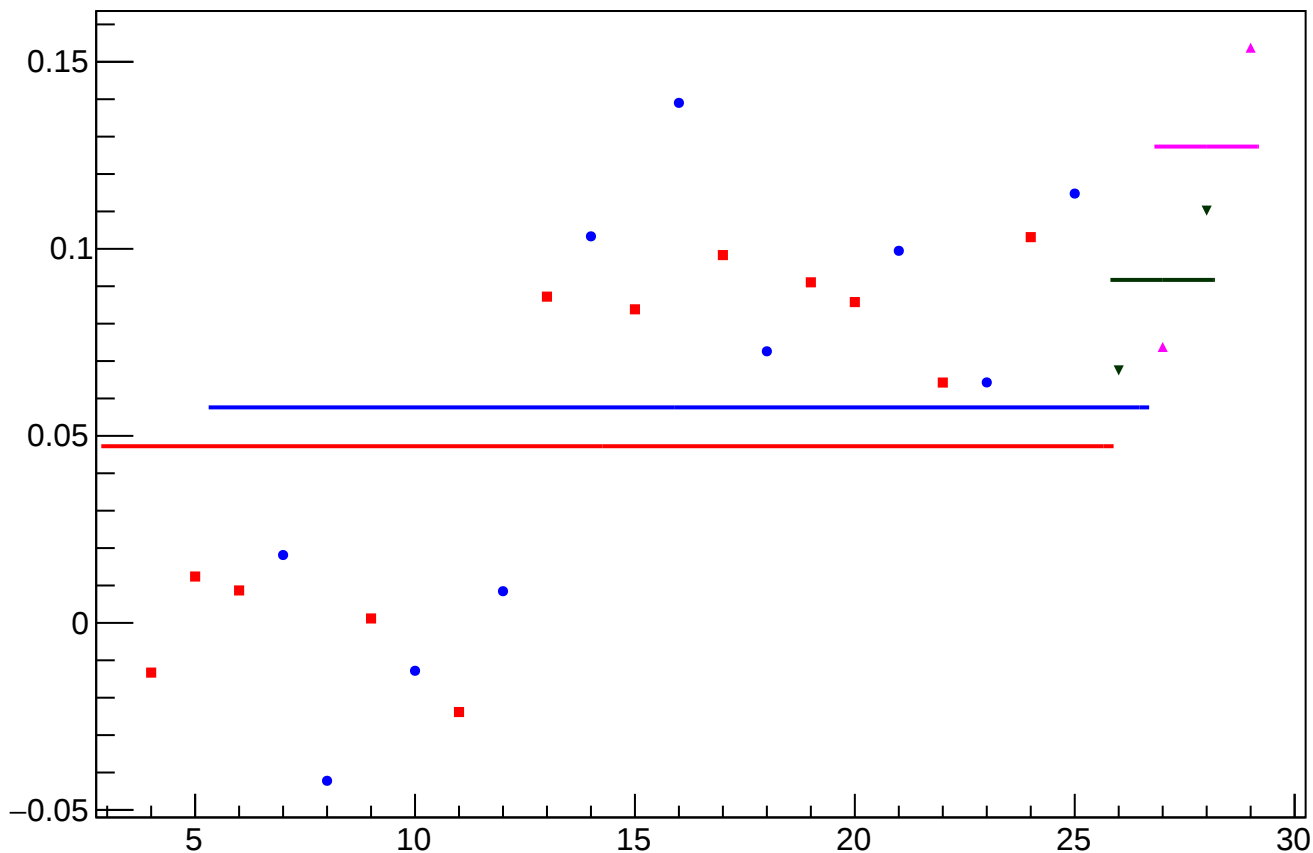
Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

Left In: 0.014+/-0.000 χ^2/NDF : 147.4/1

0.016+/-0.000 χ^2/NDF : 59945.9/11

0.015+/-0.000 χ^2/NDF : 113061.0/13

yield_bpm0l08Y_mean vs slug



Right In: 0.058 $\pm$ 0.000 χ^2/NDF : 2106835310.3/9

Left Out: 0.092 $\pm$ 0.000 χ^2/NDF : 33036983.0/1

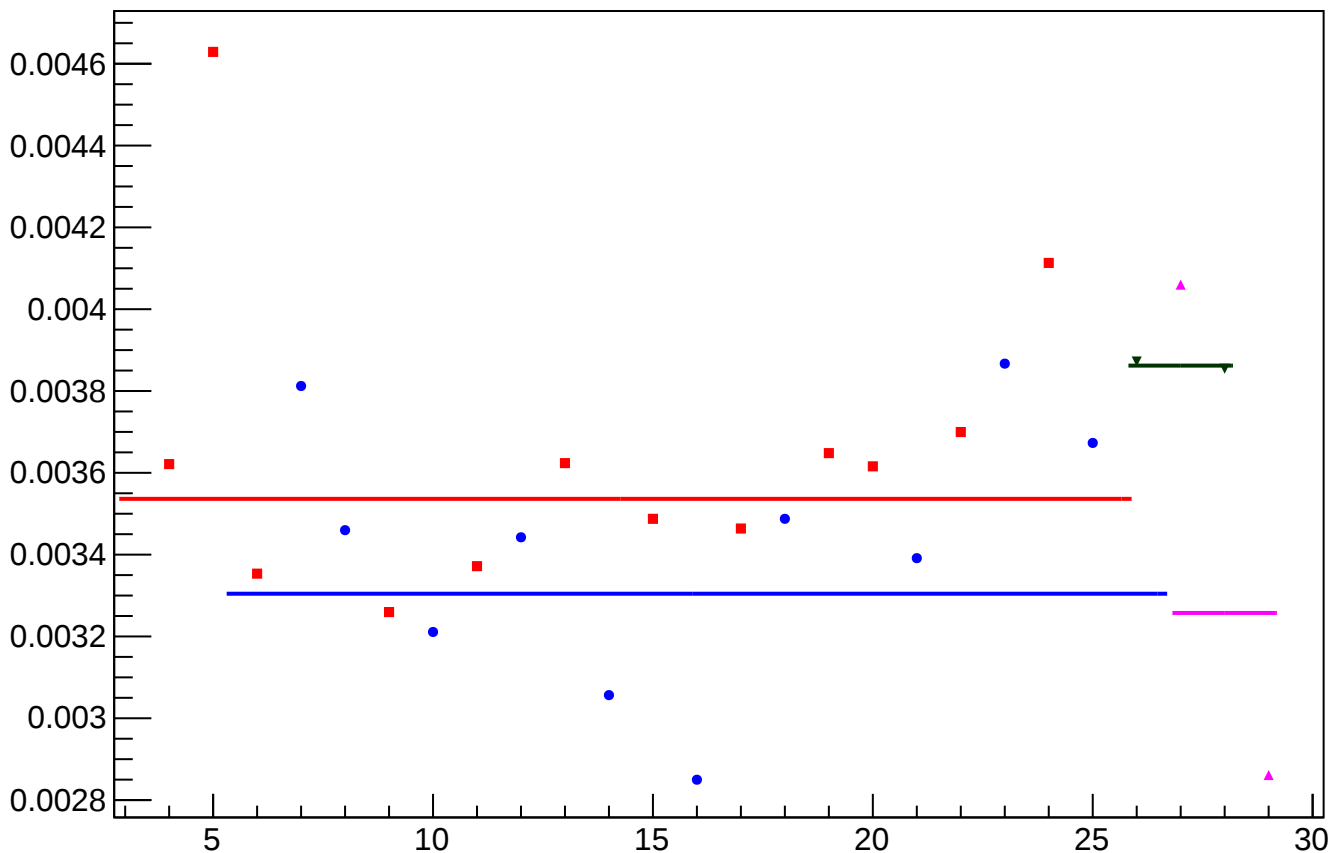
Right Out: 0.047 $\pm$ 0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.127 $\pm$ 0.000 χ^2/NDF : 214228541.6/1

0.062 $\pm$ 0.000 χ^2/NDF : 2215519615.6/11

0.067 $\pm$ 0.000 χ^2/NDF : 2026903960.2/13

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 88903.2/9

Left Out: 0.004+/-0.000 χ^2/NDF : 11.2/1

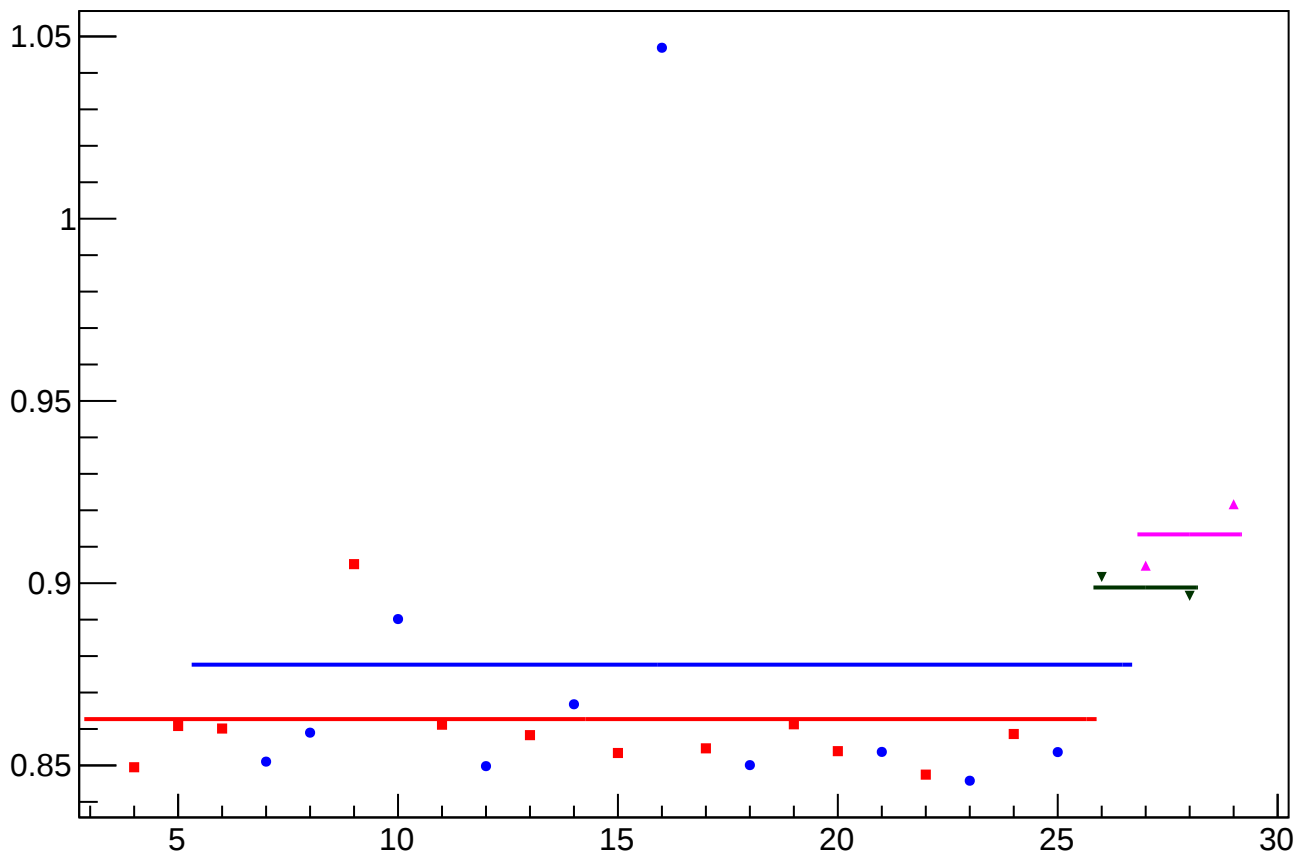
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 96194.3/1

0.003+/-0.000 χ^2/NDF : 129424.1/11

0.003+/-0.000 χ^2/NDF : 168110.3/13

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.899+/-0.000 χ^2/NDF : 40305.4/1

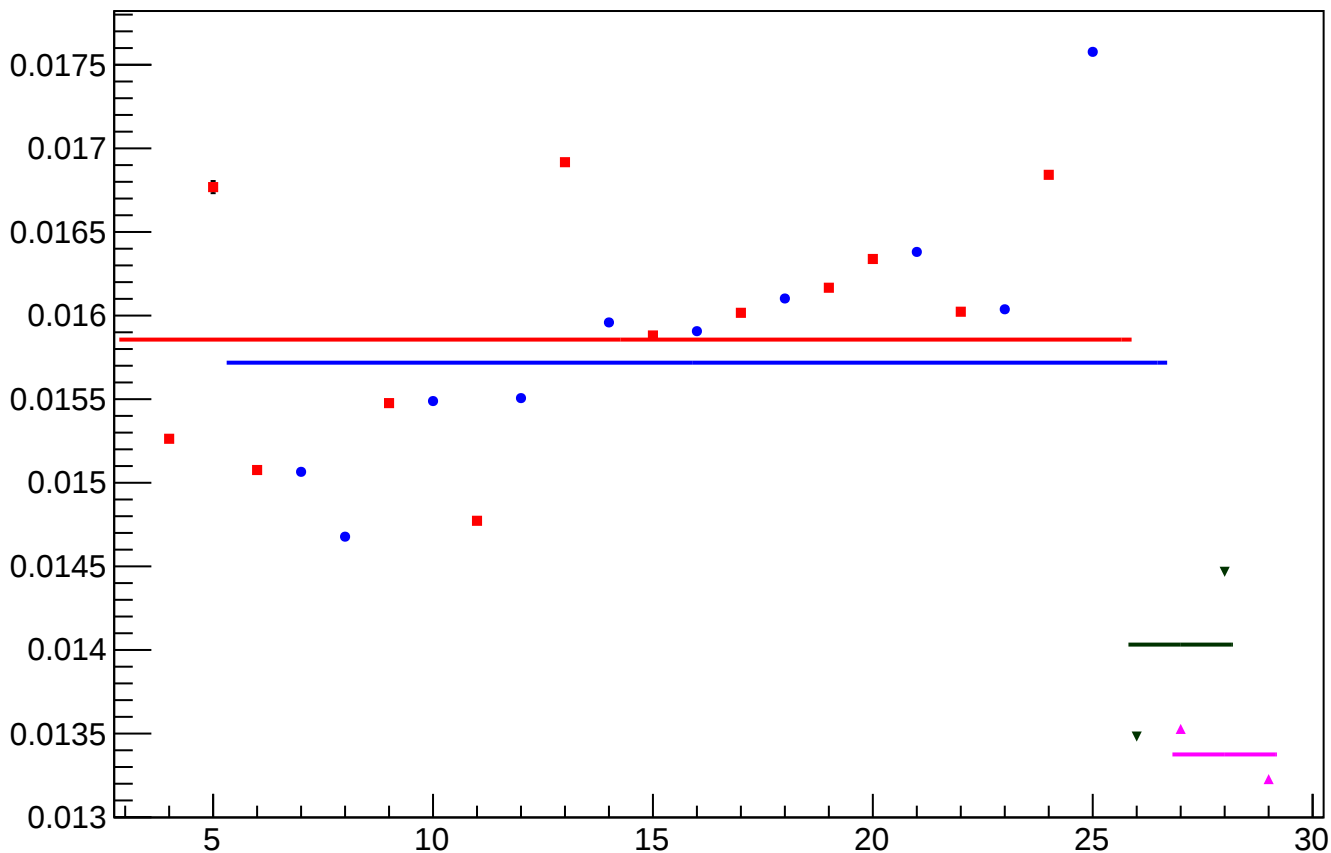
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.913+/-0.000 χ^2/NDF : 674629.7/1

0.882+/-0.000 χ^2/NDF : 80821203.1/11

0.877+/-0.000 χ^2/NDF : 25123519.6/13

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 : 2938.5/1

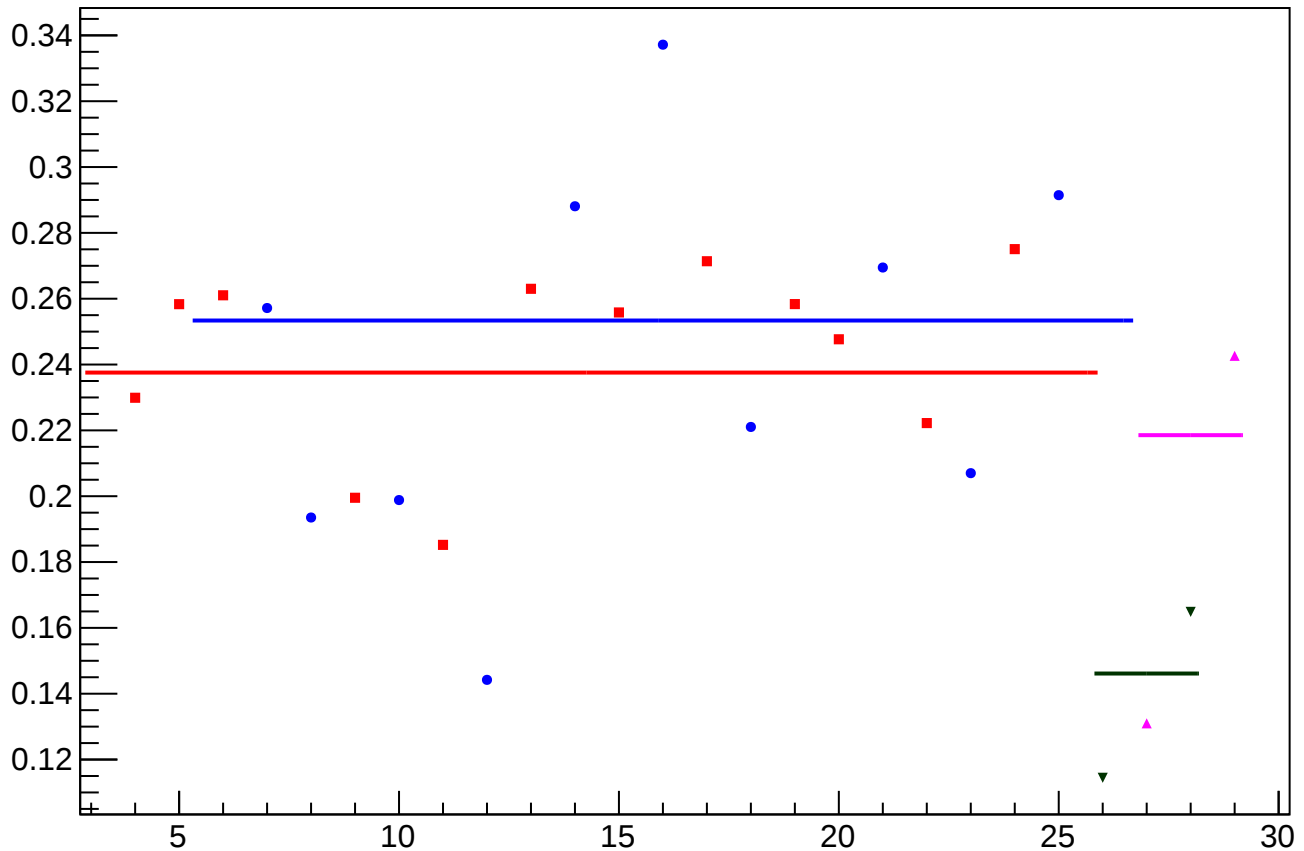
Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

Left In: 0.013+/-0.000 χ^2/NDF : 427.6/1

0.015+/-0.000 χ^2/NDF : 51173.0/11

0.015+/-0.000 χ^2/NDF : 108837.6/13

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.146+/-0.000 χ^2/NDF : 37357864.8/1

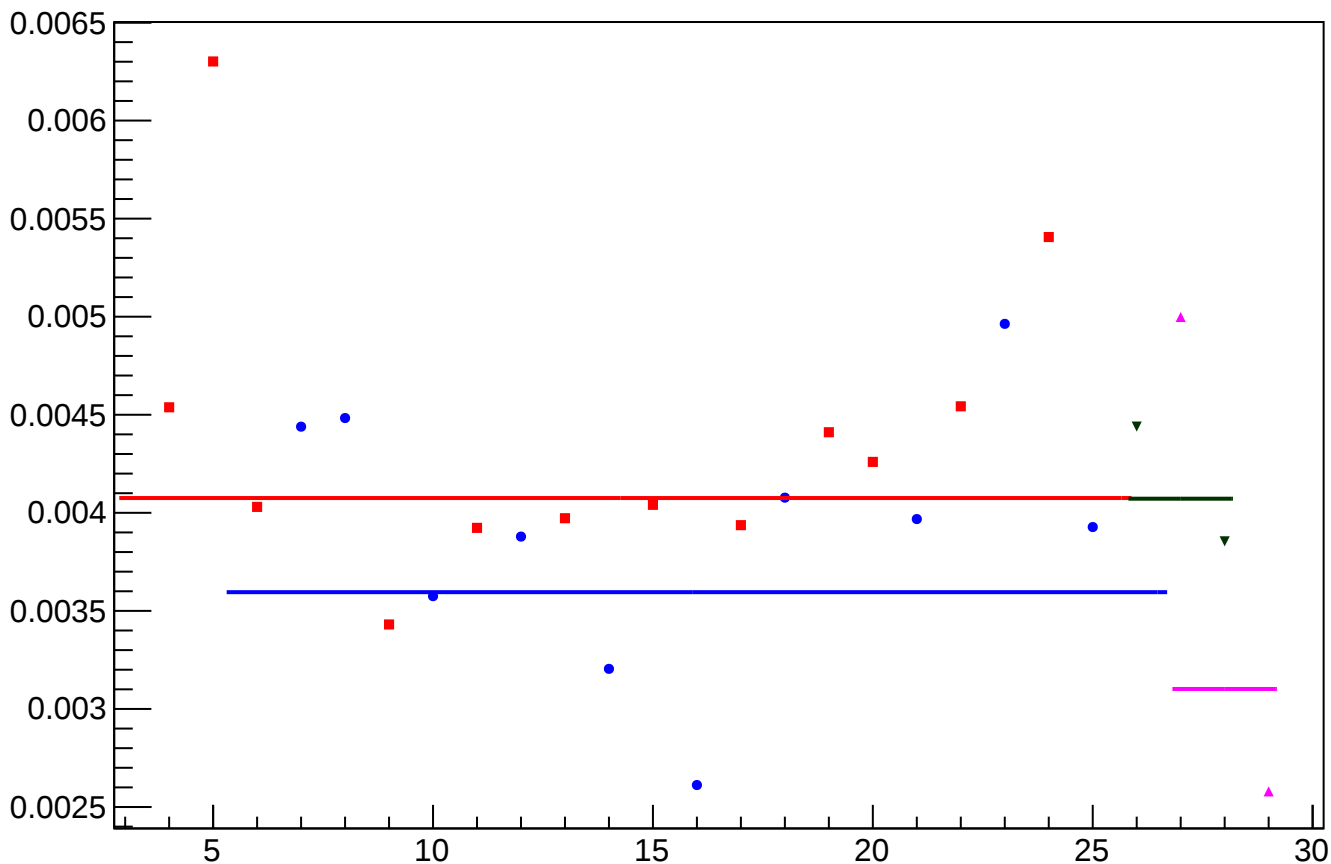
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.219+/-0.000 χ^2/NDF : 315355456.4/1

0.240+/-0.000 χ^2/NDF : 2282729162.2/11

0.232+/-0.000 χ^2/NDF : 691604822.6/13

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 390761.3/9

Left Out: 0.004+/-0.000 χ^2/NDF :10069.0/1

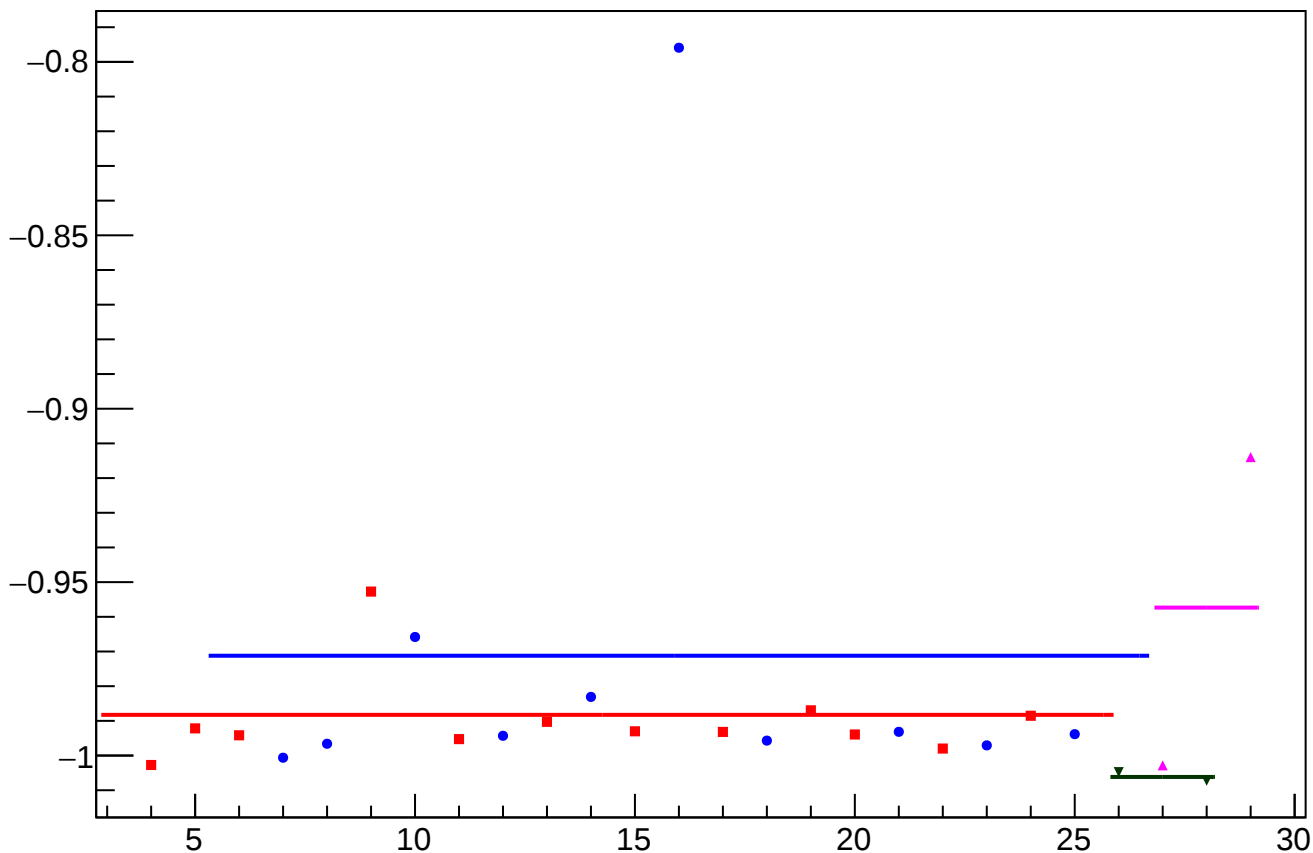
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF :296055.3/1

0.004+/-0.000 χ^2/NDF : 425939.7/11

0.004+/-0.000 χ^2/NDF : 657818.9/13

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -1.006+/-0.000 χ^2/NDF : 9794.2/1

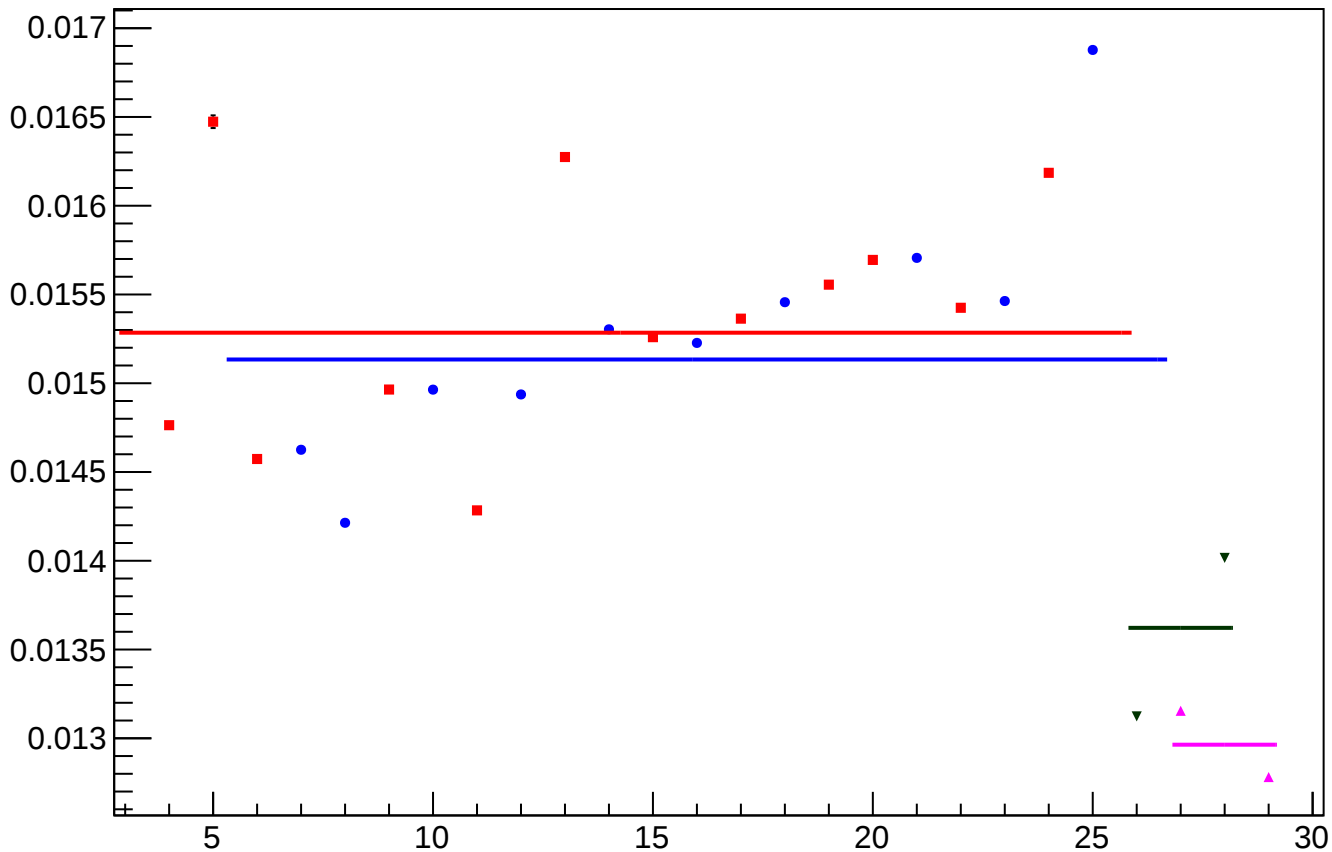
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.957+/-0.000 χ^2/NDF : 19892848.1/1

-0.978+/-0.000 χ^2/NDF : 96321962.8/11

-0.980+/-0.000 χ^2/NDF : 32041769.5/13

yield_bpm0l10X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 16984.1/9

Left Out: 0.014+/-0.000 χ^2/NDF : 2543.9/1

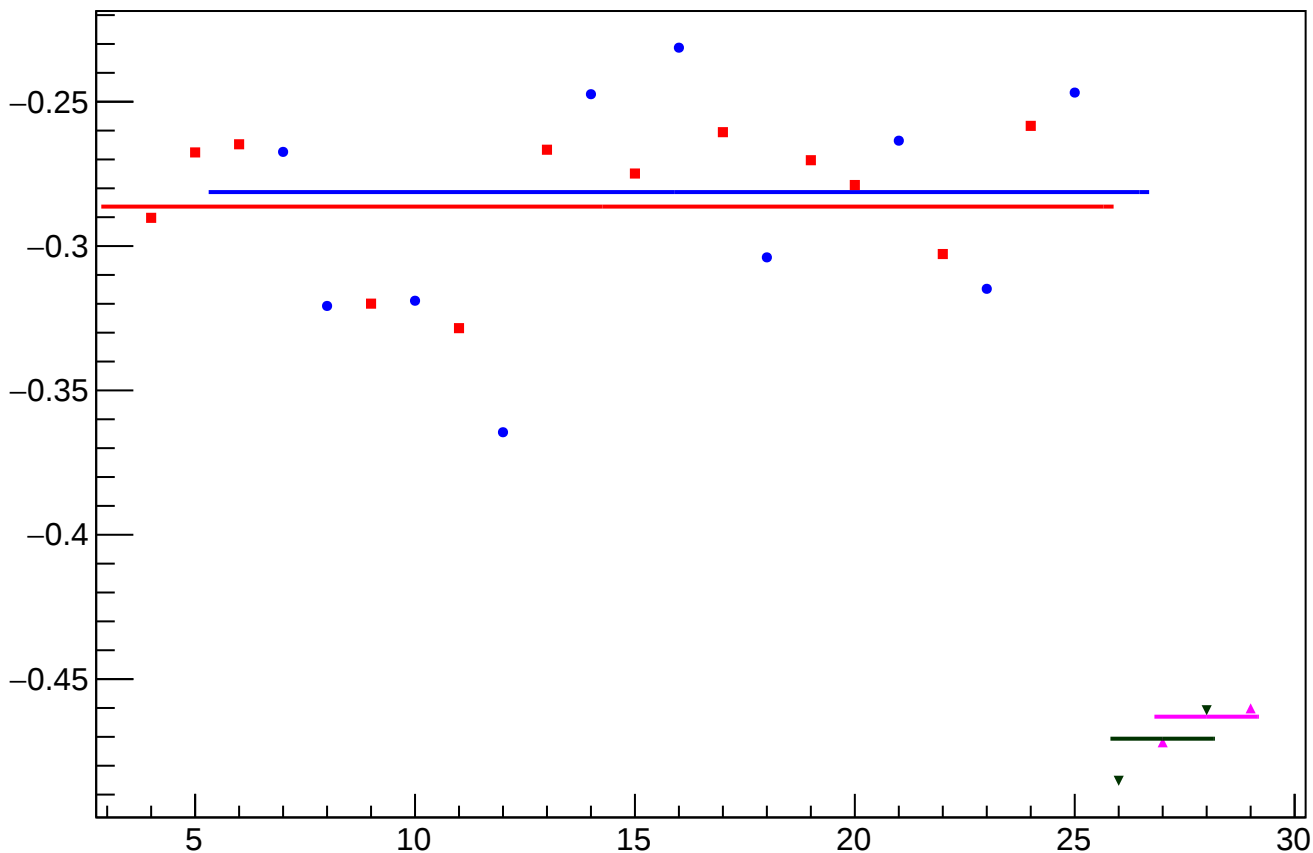
Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

Left In: 0.013+/-0.000 χ^2/NDF : 701.8/1

0.015+/-0.000 χ^2/NDF : 43470.7/11

0.015+/-0.000 χ^2/NDF : 101432.2/13

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.471+/-0.000 χ^2/NDF :10641602.8/1

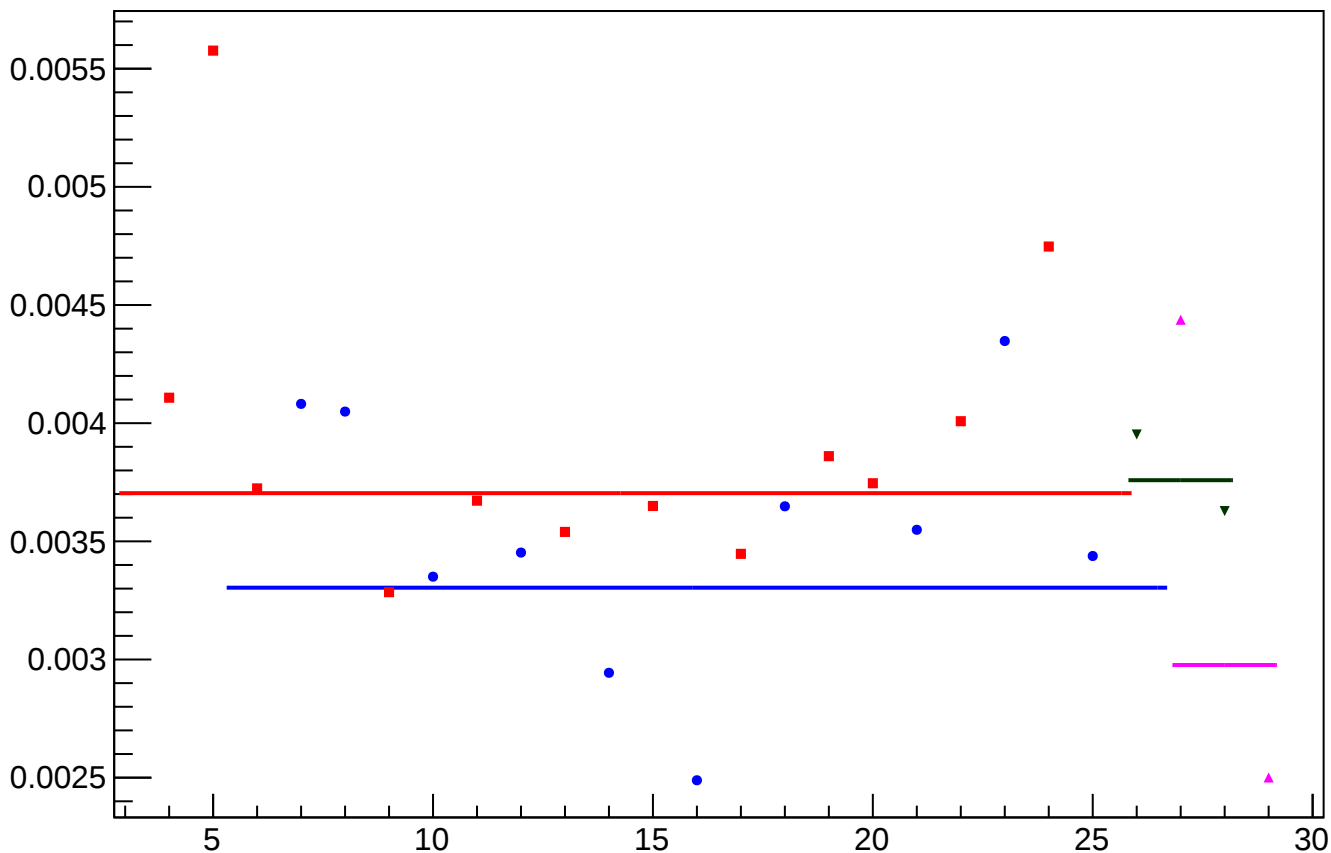
-0.304+/-0.000 χ^2/NDF : 3325107133.1/11

Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

-0.336+/-0.000 χ^2/NDF : 4004891334.8/13

Left In: -0.463+/-0.000 χ^2/NDF :4269136.8/1

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 307709.2/9

Left Out: 0.004+/-0.000 χ^2/NDF : 3745.3/1

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF : 231736.0/1

0.003+/-0.000 χ^2/NDF : 338423.1/11

0.003+/-0.000 χ^2/NDF : 477352.8/13