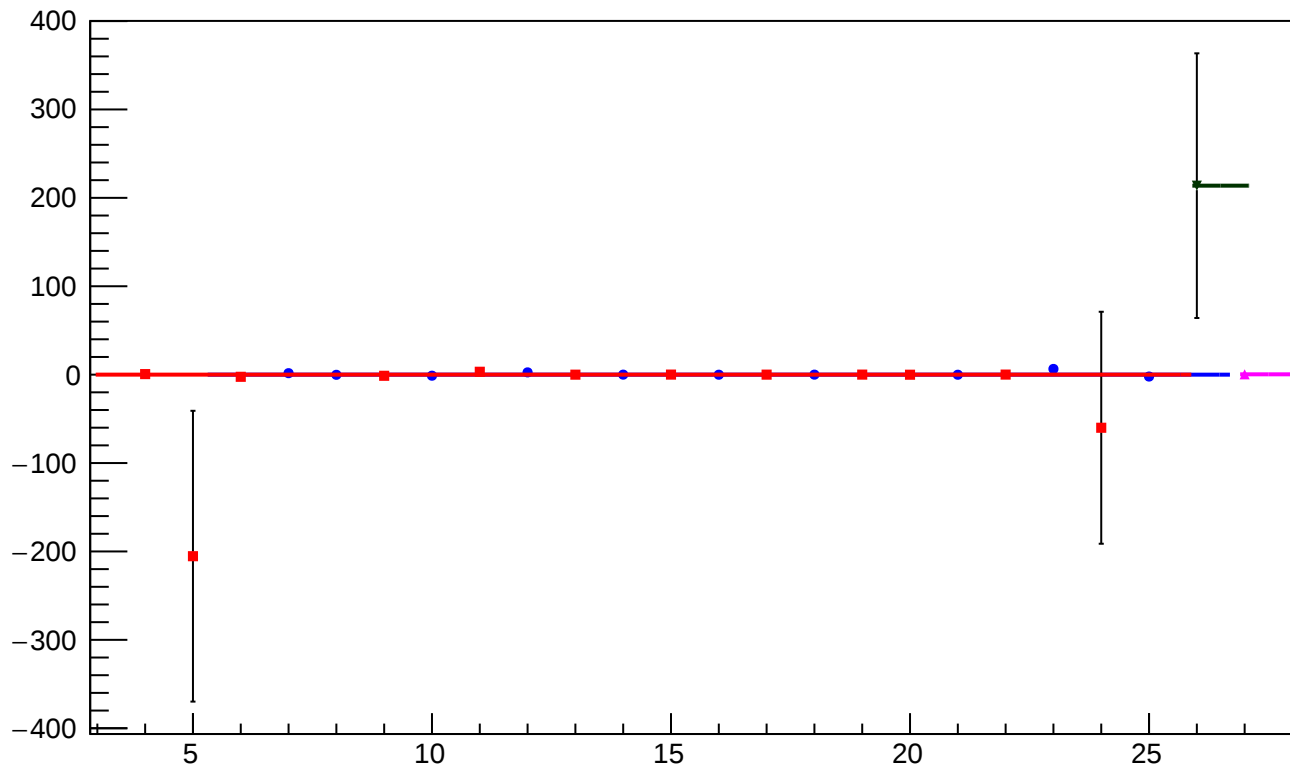


diff_cav4bX_mean vs slug



Right In: -0.014+/-0.014

χ^2 /NDF: 18.0/9

Left Out: 213.787+/-149.700

χ^2 /NDF: 0.0/0

Right Out: 0.017+/-0.016

χ^2 /NDF: 19.3/11

Left In: 0.375+/-0.241

χ^2 /NDF: 0.0/0

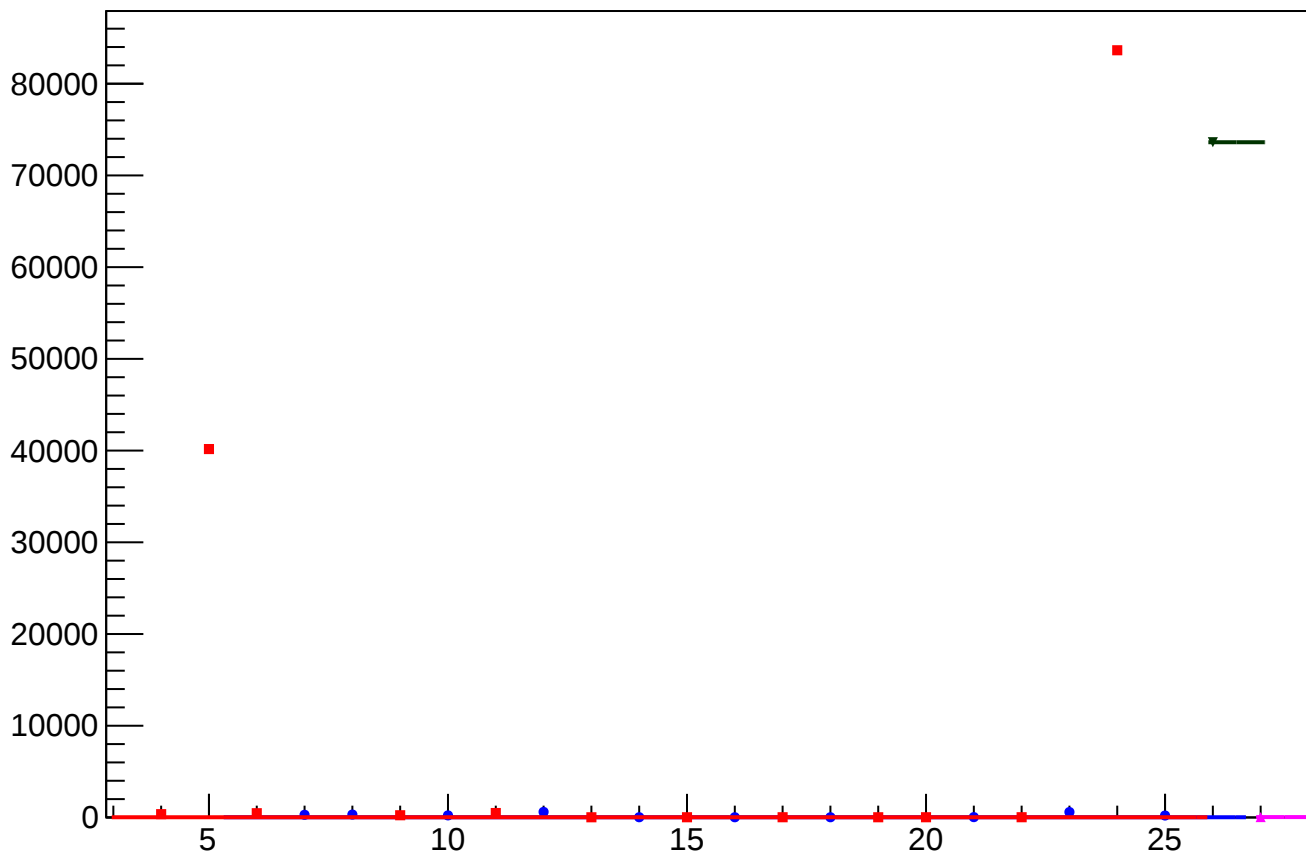
-0.014+/-0.014

χ^2 /NDF: 20.0/10

0.018+/-0.016

χ^2 /NDF: 21.5/12

diff_cav4bX_rms vs slug



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

Left Out: 73619.384+/-105.854 χ^2/NDF : 0.0/0

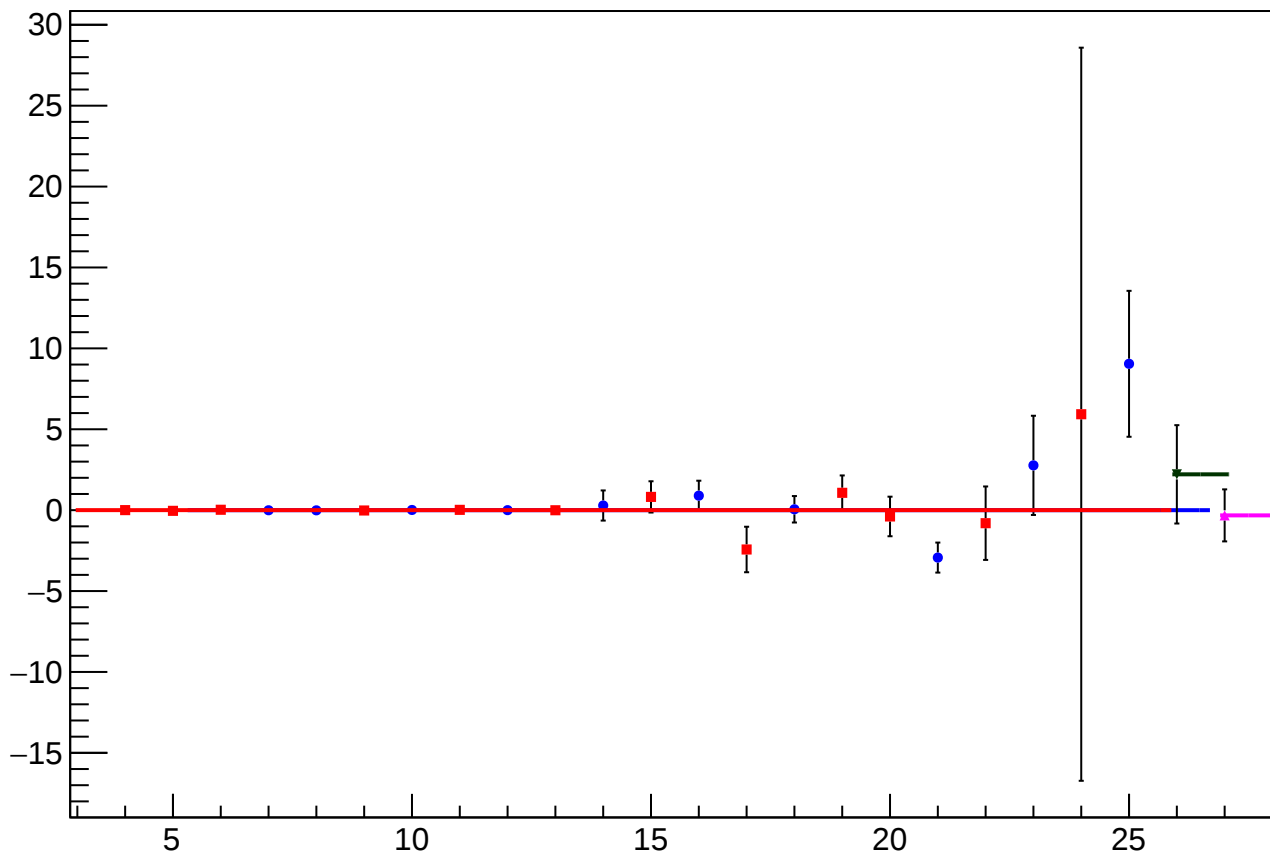
Right Out: 22.575+/-0.011 χ^2/NDF : 1409994.7/11

Left In: 40.826+/-0.171 χ^2/NDF : 0.0/0

22.399+/-0.010 χ^2/NDF : 1253887.5/10

22.656+/-0.011 χ^2/NDF : 1421380.7/12

diff_cav4bY_mean vs slug



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

Left Out: 2.214+/-3.040 χ^2 /NDF:0.0/0

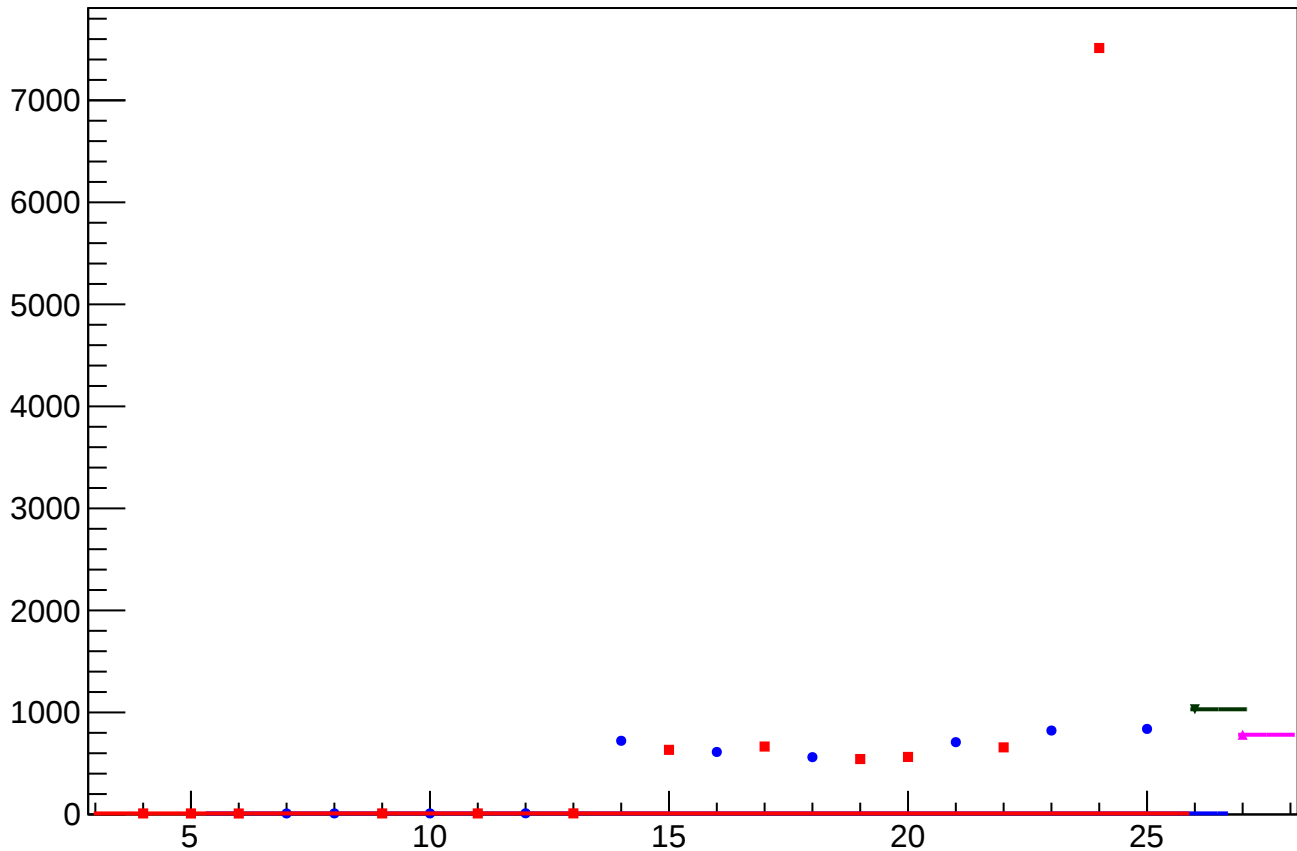
Right Out: 0.002+/-0.005 χ^2 /NDF: 17.0/11

Left In: -0.323+/-1.608 χ^2 /NDF:0.0/0

-0.001+/-0.006 χ^2 /NDF: 18.7/10

0.002+/-0.005 χ^2 /NDF: 17.0/12

diff_cav4bY_rms vs slug



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

Left Out: 1030.826 ± 2.149 $\chi^2/\text{NDF}: 0.0/0$

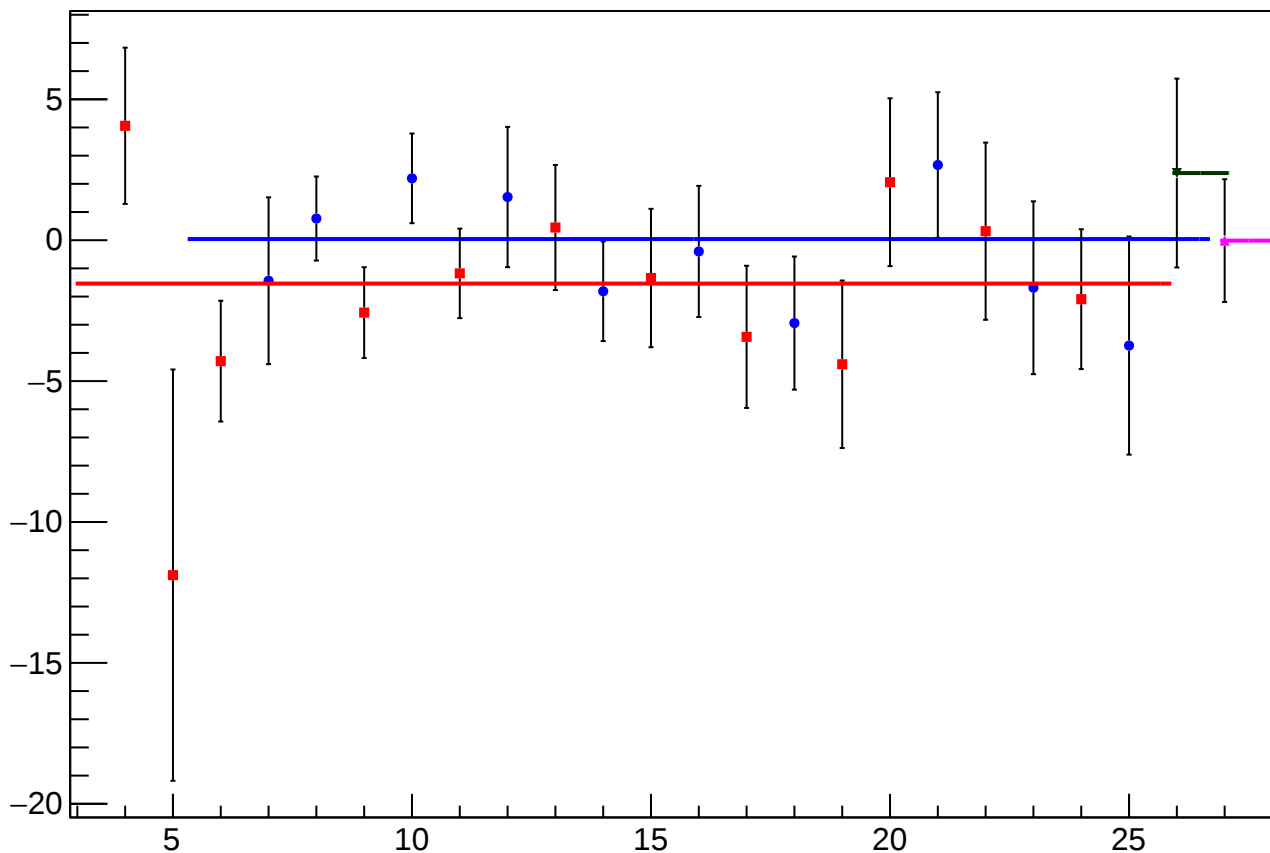
Right Out: 10.074 ± 0.004 $\chi^2/\text{NDF}: 2563210.4/11$

Left In: 781.362 ± 1.137 $\chi^2/\text{NDF}: 0.0/0$

10.495 ± 0.005 $\chi^2/\text{NDF}: 4503305.6/10$

10.083 ± 0.004 $\chi^2/\text{NDF}: 3023552.6/12$

diff_cav4cX_mean vs slug



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

Left Out: 2.383 ± 3.350 χ^2/NDF : 0.0/0

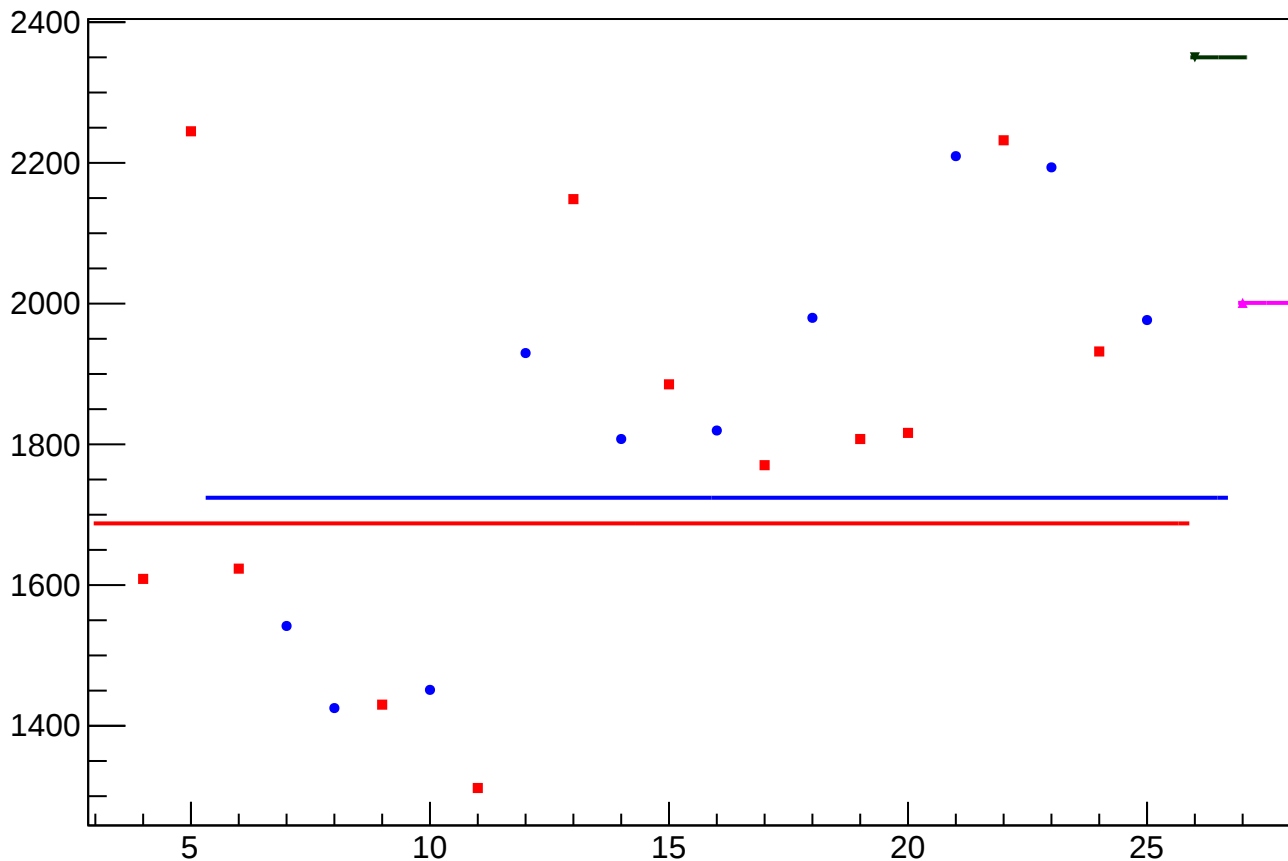
Right Out: -1.539 ± 0.680 χ^2/NDF : 12.4/11

Left In: -0.015 ± 2.178 χ^2/NDF : 0.0/0

0.134 ± 0.672 χ^2/NDF : 8.2/10

-1.404 ± 0.649 χ^2/NDF : 12.8/12

diff_cav4cX_rms vs slug



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

Left Out: 2349.999+/-2.369 χ^2/NDF : 0.0/0

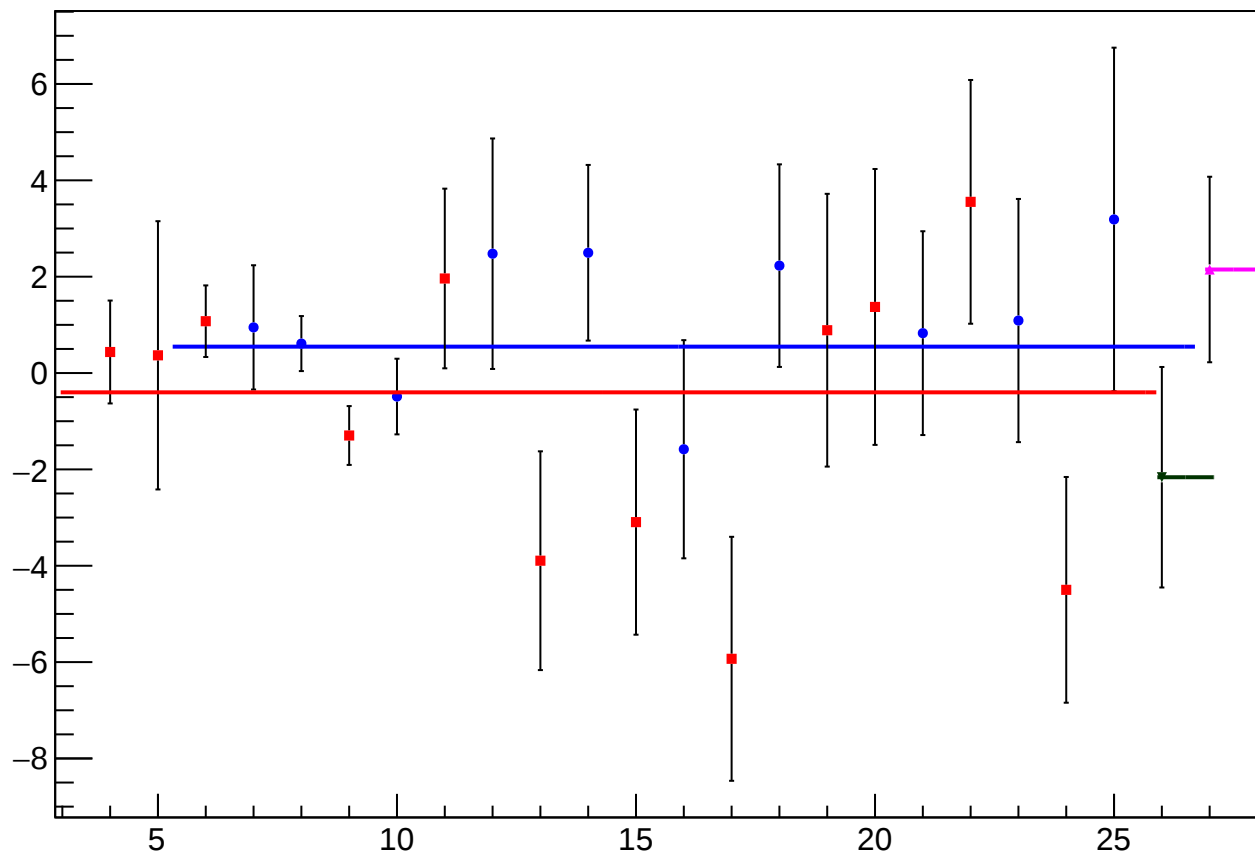
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

Left In: 2001.033+/-1.540 χ^2/NDF : 0.0/0

1749.268+/-0.475 χ^2/NDF : 384712.1/10

1715.473+/-0.459 χ^2/NDF : 403746.5/12

diff_cav4cY_mean vs slug



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

Left Out: -2.163 ± 2.289 χ^2/NDF : 0.0/0

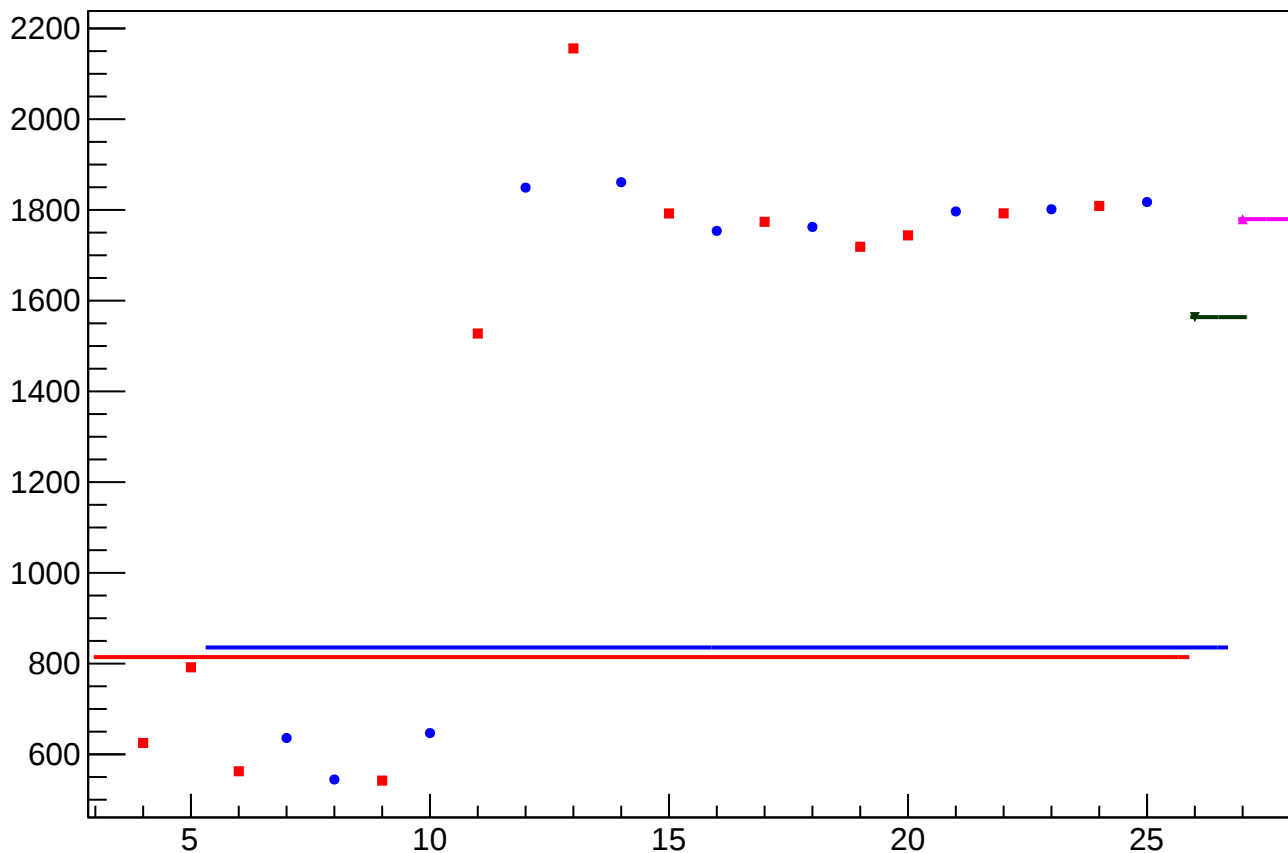
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: 2.149 ± 1.925 χ^2/NDF : 0.0/0

0.472 ± 0.382 χ^2/NDF : 7.1/10

-0.305 ± 0.373 χ^2/NDF : 24.7/12

diff_cav4cY_rms vs slug



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

Left Out: 1563.667+/-1.618 χ^2/NDF : 0.0/0

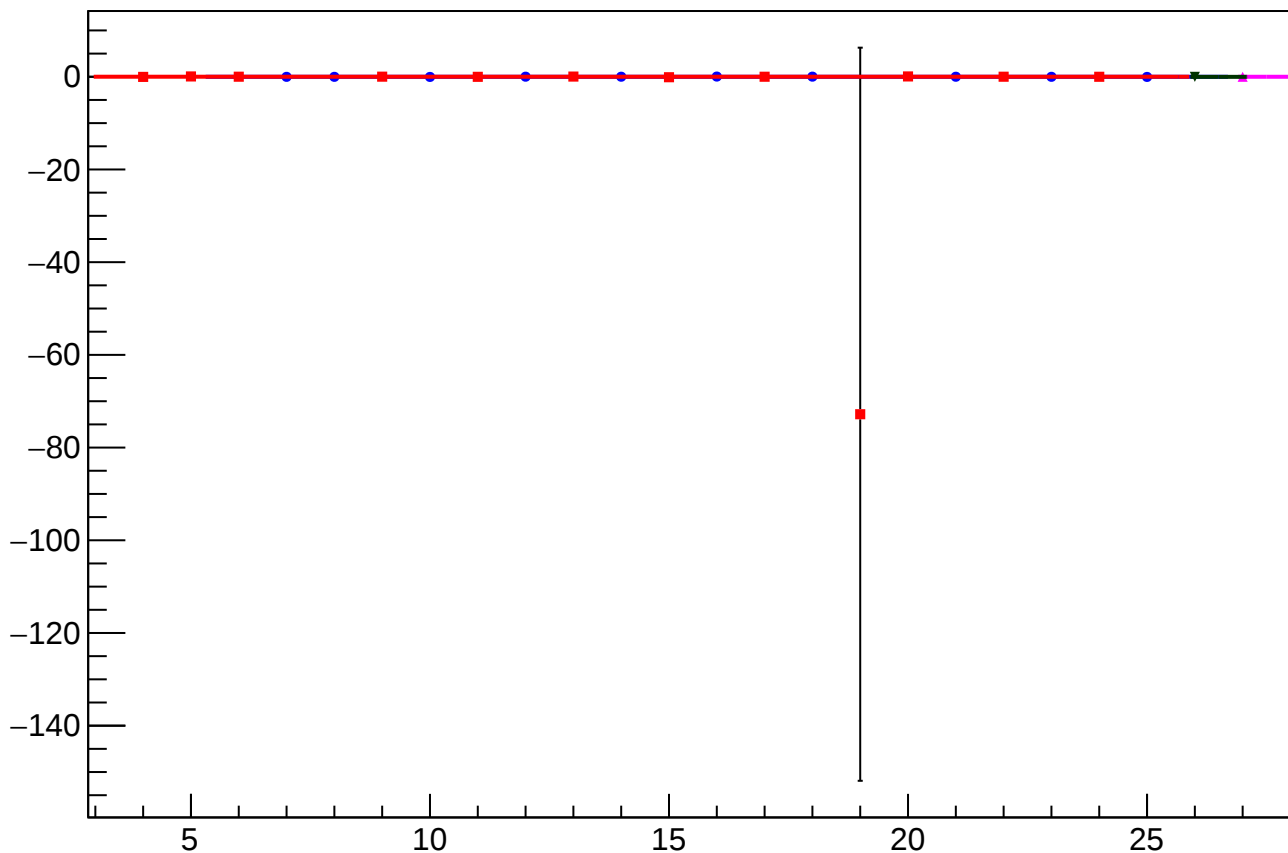
Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

Left In: 1779.620+/-1.361 χ^2/NDF : 0.0/0

855.901+/-0.270 χ^2/NDF : 3446547.3/10

850.581+/-0.264 χ^2/NDF : 3876259.9/12

diff_cav4dX_mean vs slug



Right In: -0.005+/-0.008 χ^2/NDF : 5.9/9

Left Out: -0.016+/-0.025 χ^2/NDF : 0.0/0

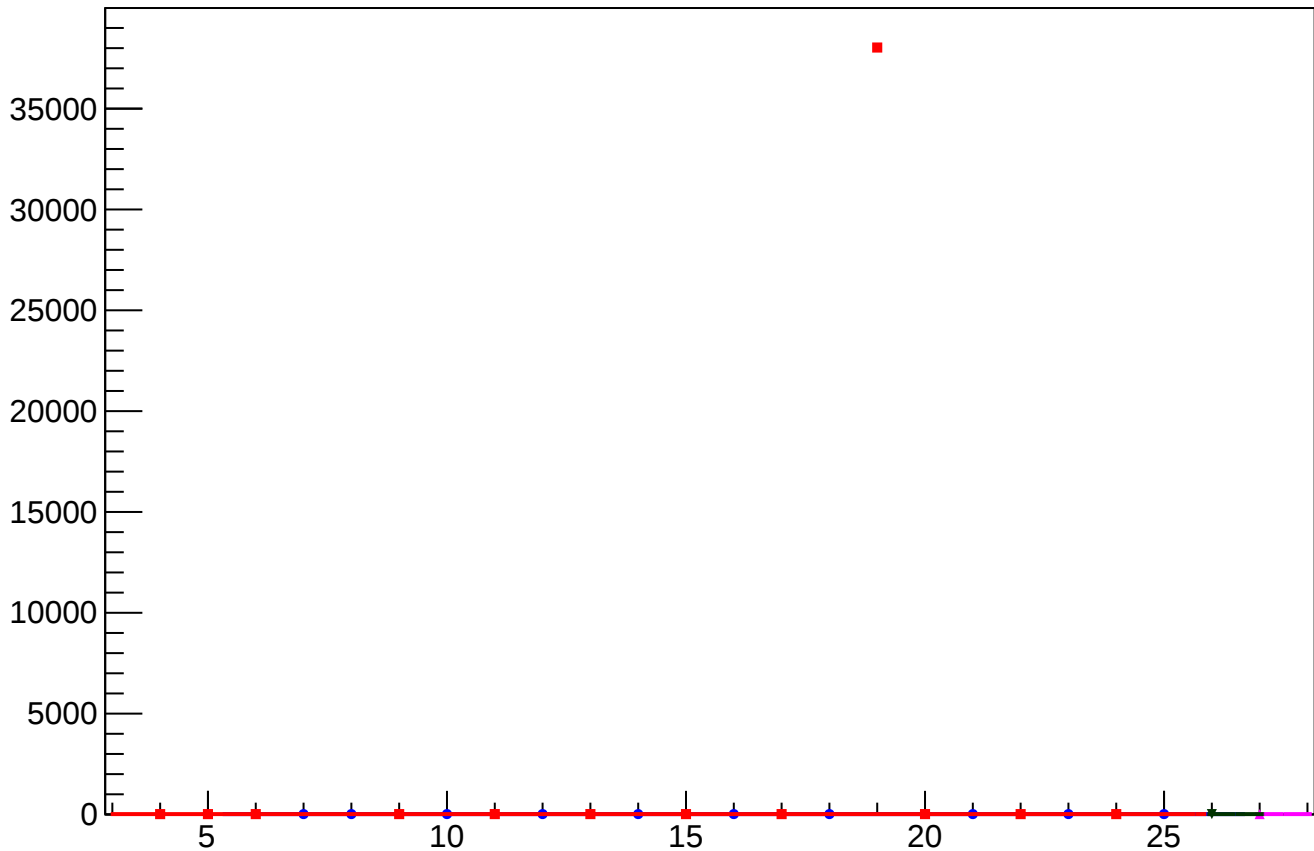
Right Out: 0.011+/-0.008 χ^2/NDF : 11.3/11

Left In: 0.001+/-0.019 χ^2/NDF : 0.0/0

-0.006+/-0.008 χ^2/NDF : 6.1/10

0.010+/-0.007 χ^2/NDF : 11.5/12

diff_cav4dX_rms vs slug



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

Left Out: 17.403 $\pm$ 0.018 χ^2 /NDF: 0.0/0

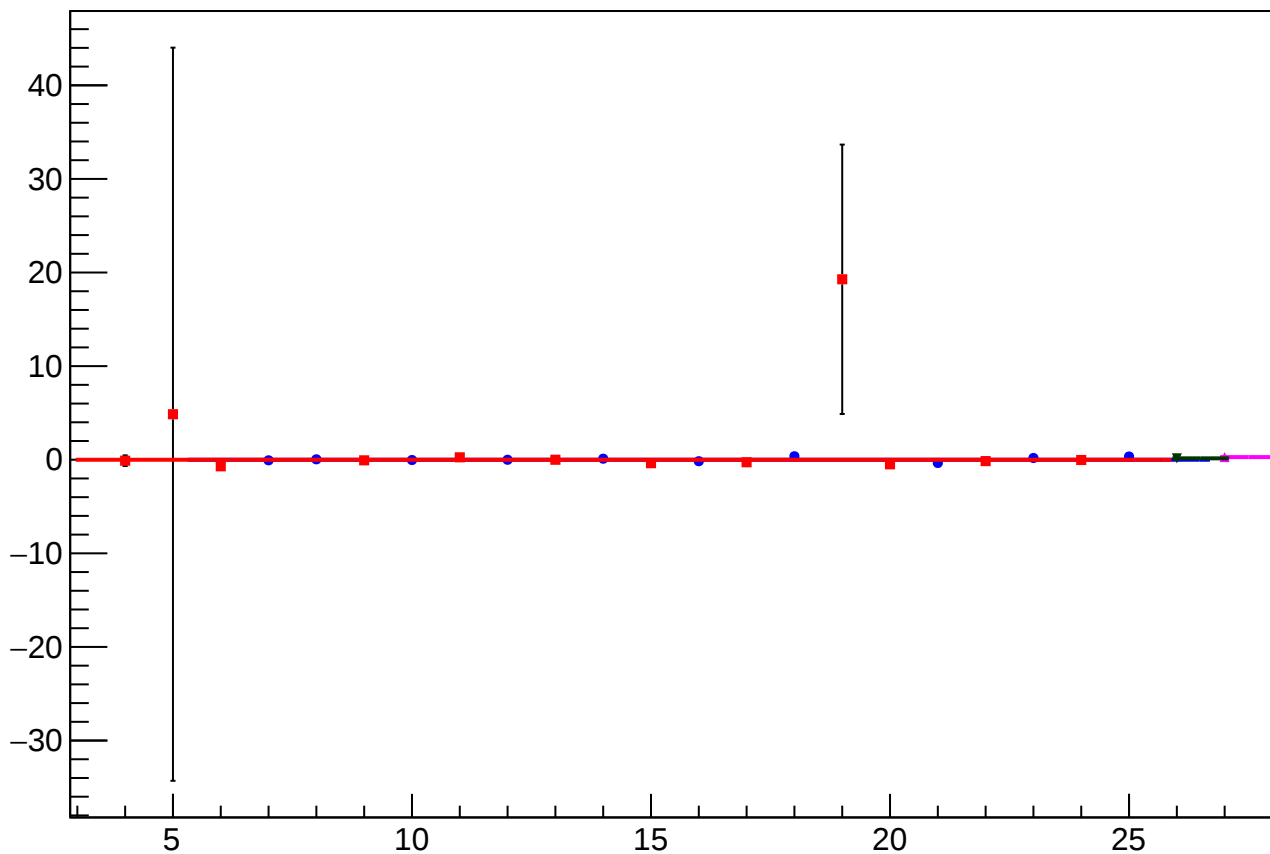
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 17.258 $\pm$ 0.013 χ^2 /NDF: 0.0/0

17.537 $\pm$ 0.005 χ^2 /NDF: 2360.9/10

17.515 $\pm$ 0.005 χ^2 /NDF: 466541.7/12

diff_cav4dY_mean vs slug



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

Left Out: 0.147+/-0.179 χ^2/NDF : 0.0/0

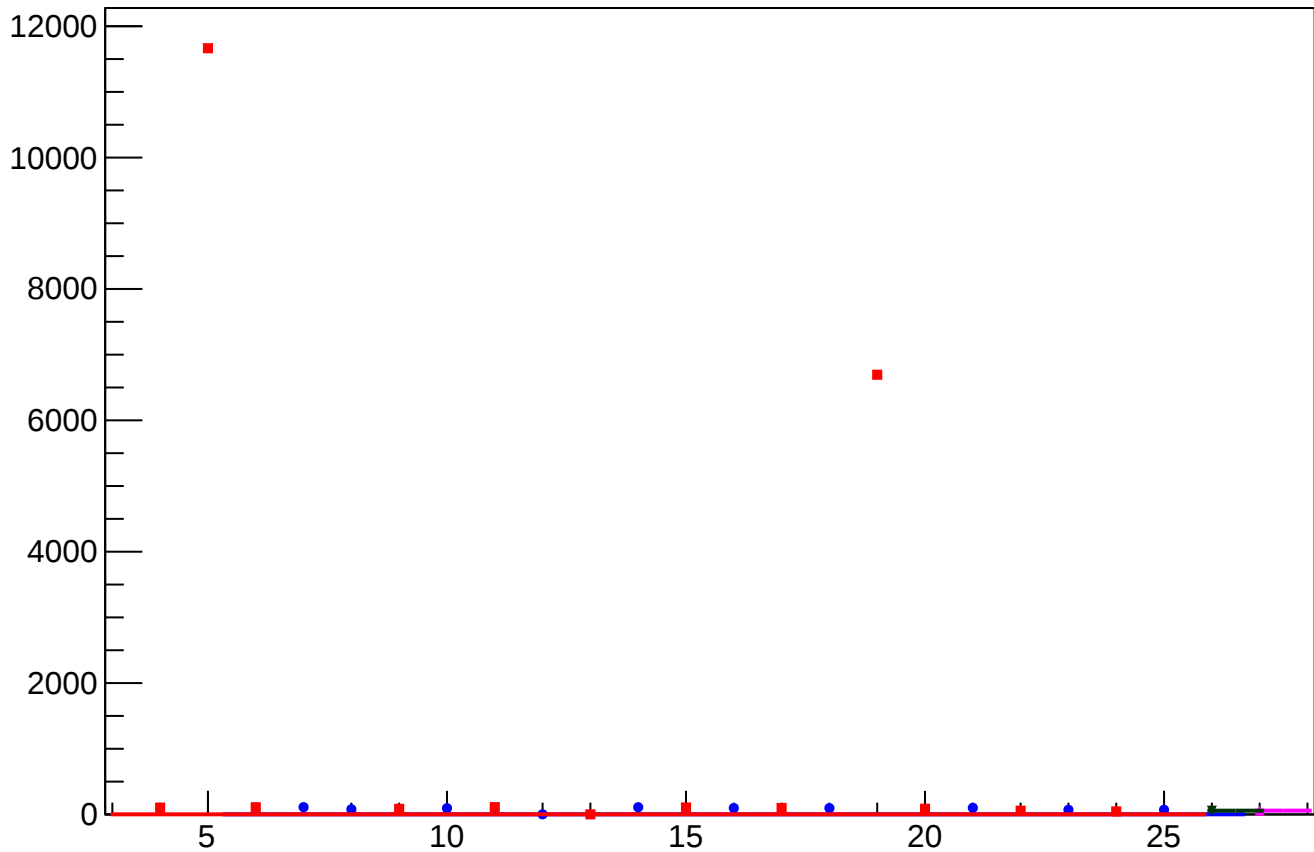
Right Out: -0.003+/-0.003 χ^2/NDF : 12.3/11

Left In: 0.282+/-0.102 χ^2/NDF : 0.0/0

-0.003+/-0.003 χ^2/NDF : 15.7/10

-0.002+/-0.003 χ^2/NDF : 20.0/12

diff_cav4dY_rms vs slug



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

Left Out: 57.325+/-0.127 χ^2/NDF : 0.0/0

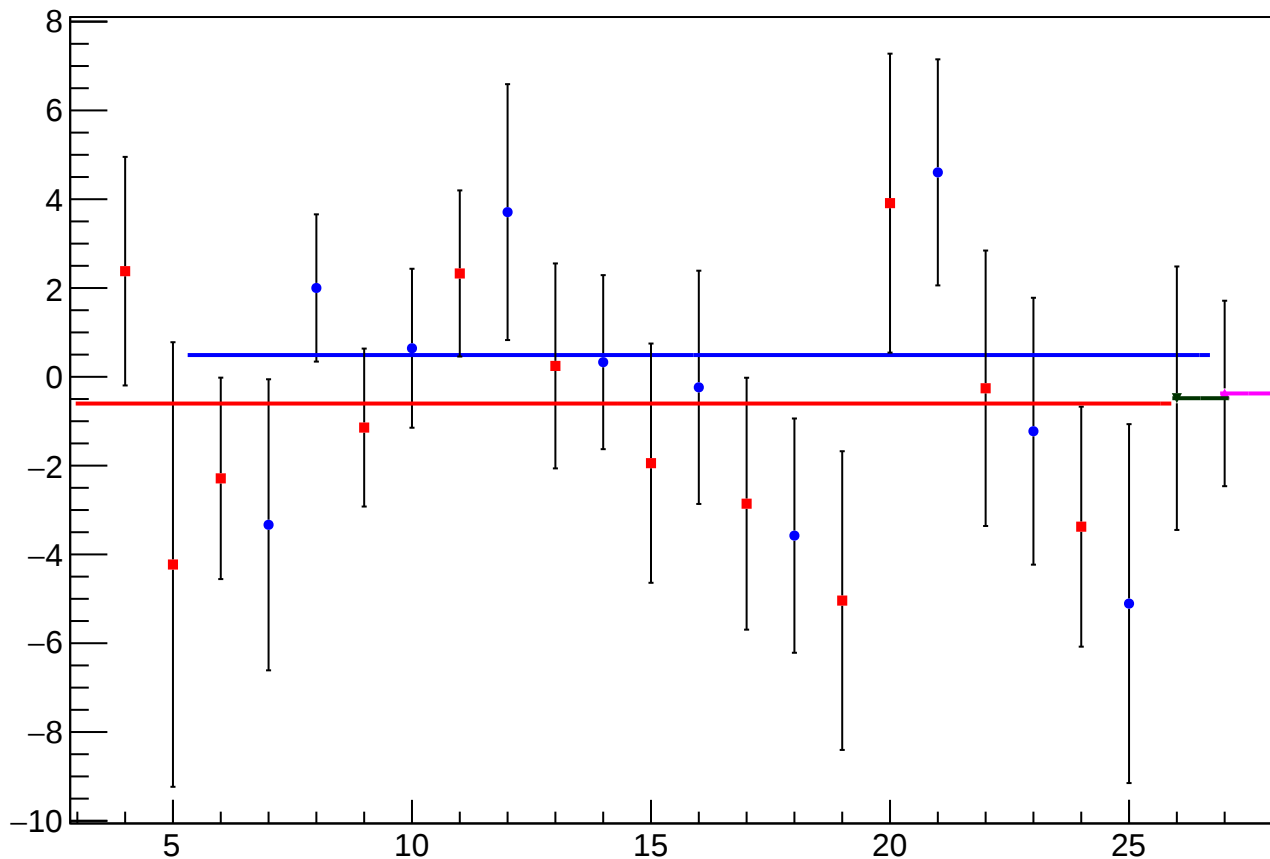
Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

Left In: 58.131+/-0.072 χ^2/NDF : 0.0/0

2.151+/-0.002 χ^2/NDF : 6034028.6/10

2.105+/-0.002 χ^2/NDF : 4820418.6/12

diff_bpm4aX_mean vs slug



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

Left Out: -0.482+/-2.967 χ^2/NDF : 0.0/0

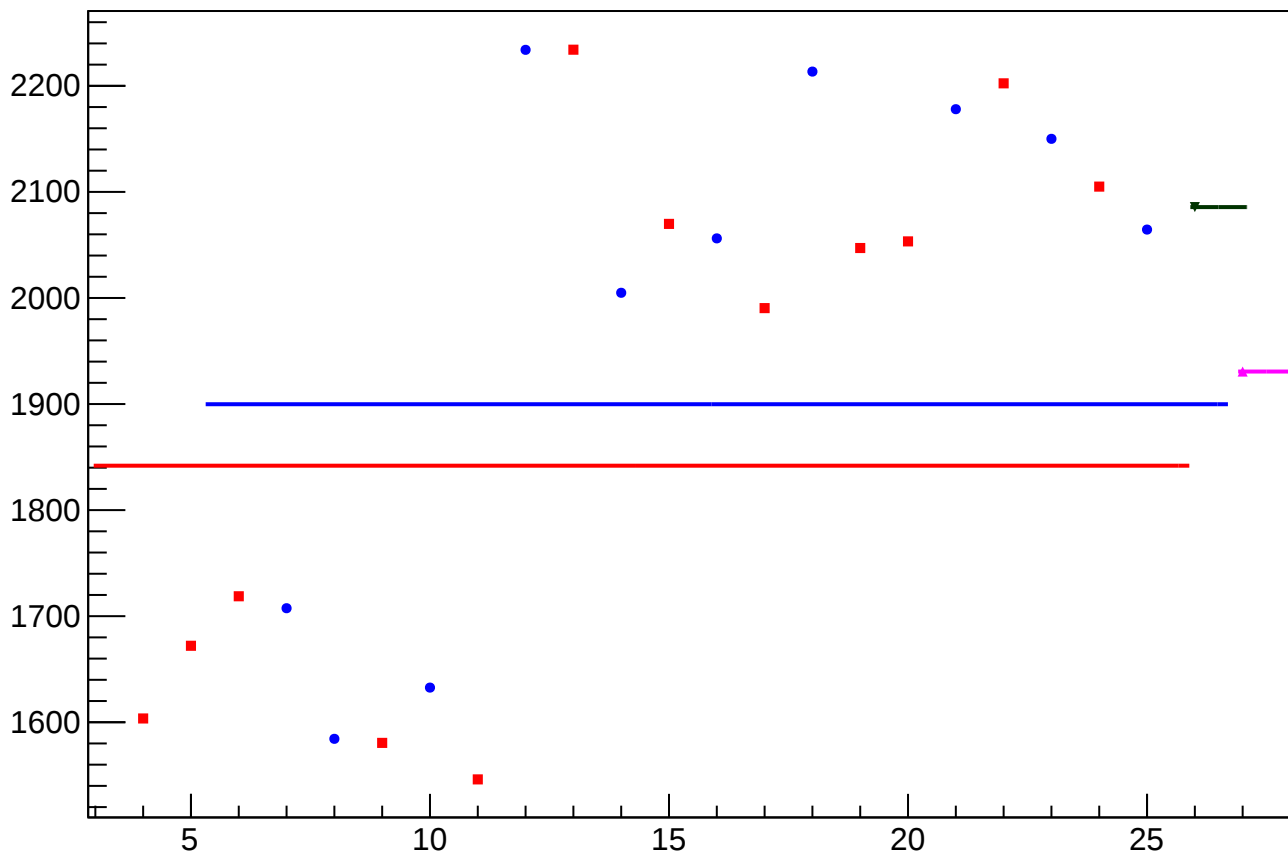
Right Out: -0.602+/-0.734 χ^2/NDF : 10.6/11

Left In: -0.375+/-2.089 χ^2/NDF : 0.0/0

0.432+/-0.730 χ^2/NDF : 10.9/10

-0.577+/-0.693 χ^2/NDF : 10.6/12

diff_bpm4aX_rms vs slug



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

Left Out: 2085.683+/-2.098 χ^2/NDF : 0.0/0

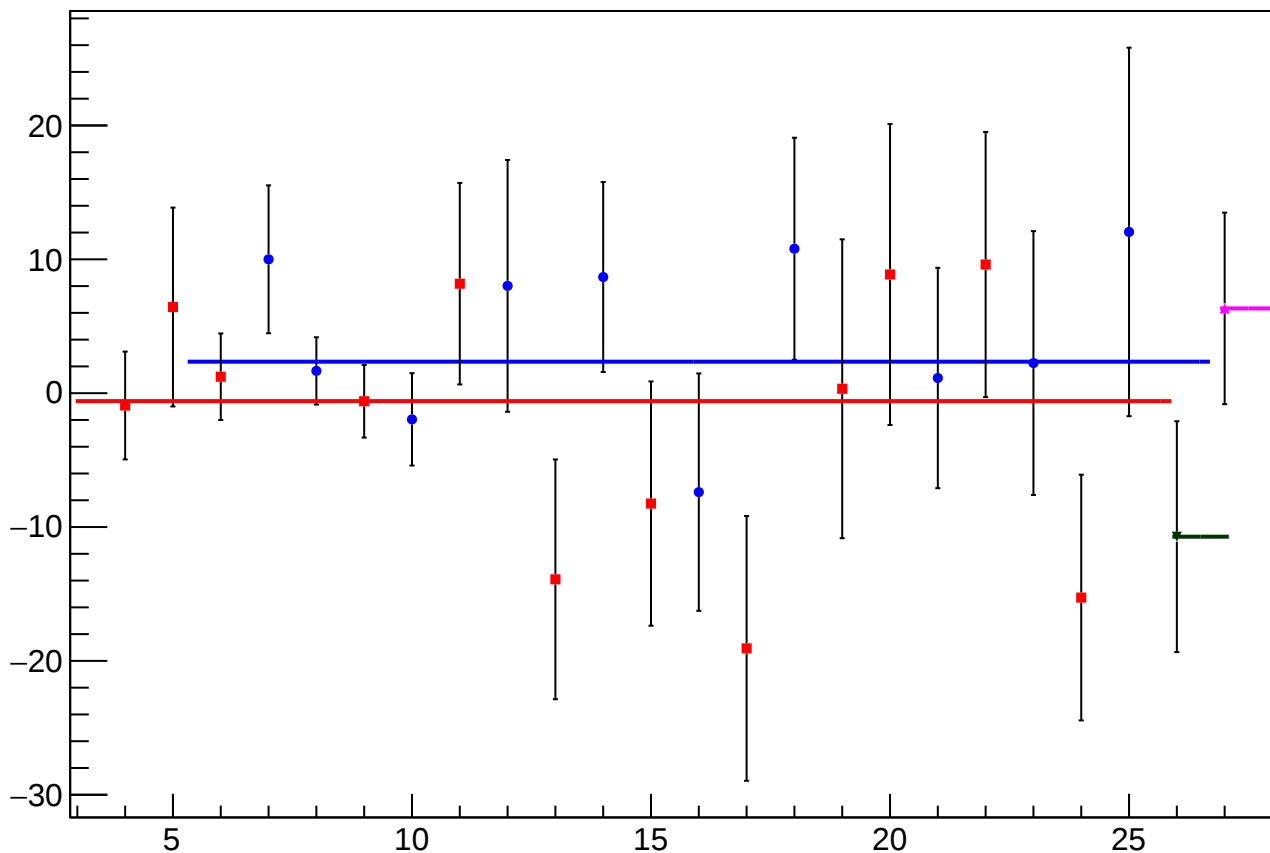
Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

Left In: 1930.644+/-1.477 χ^2/NDF : 0.0/0

1911.067+/-0.516 χ^2/NDF : 240241.5/10

1851.644+/-0.490 χ^2/NDF : 260573.0/12

diff_bpm4aY_mean vs slug



Right In: 2.354 $\pm$ 1.658 χ^2 /NDF: 7.5/9

Left Out: -10.720 $\pm$ 8.623 χ^2 /NDF: 0.0/0

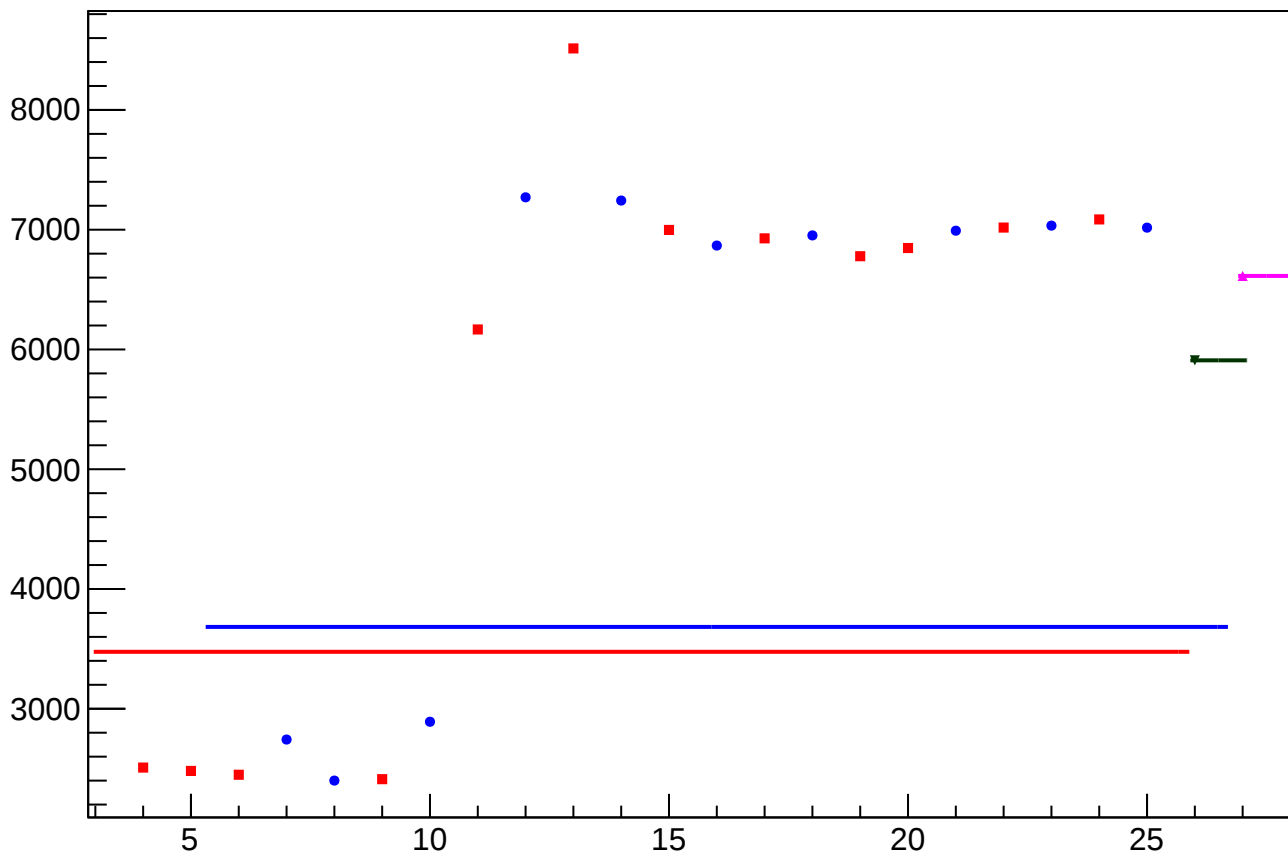
Right Out: -0.592 $\pm$ 1.578 χ^2 /NDF: 13.3/11

Left In: 6.333 $\pm$ 7.155 χ^2 /NDF: 0.0/0

1.887 $\pm$ 1.629 χ^2 /NDF: 9.7/10

-0.271 $\pm$ 1.541 χ^2 /NDF: 14.2/12

diff_bpm4aY_rms vs slug



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

Left Out: 5909.183+/-6.097 χ^2/NDF : 0.0/0

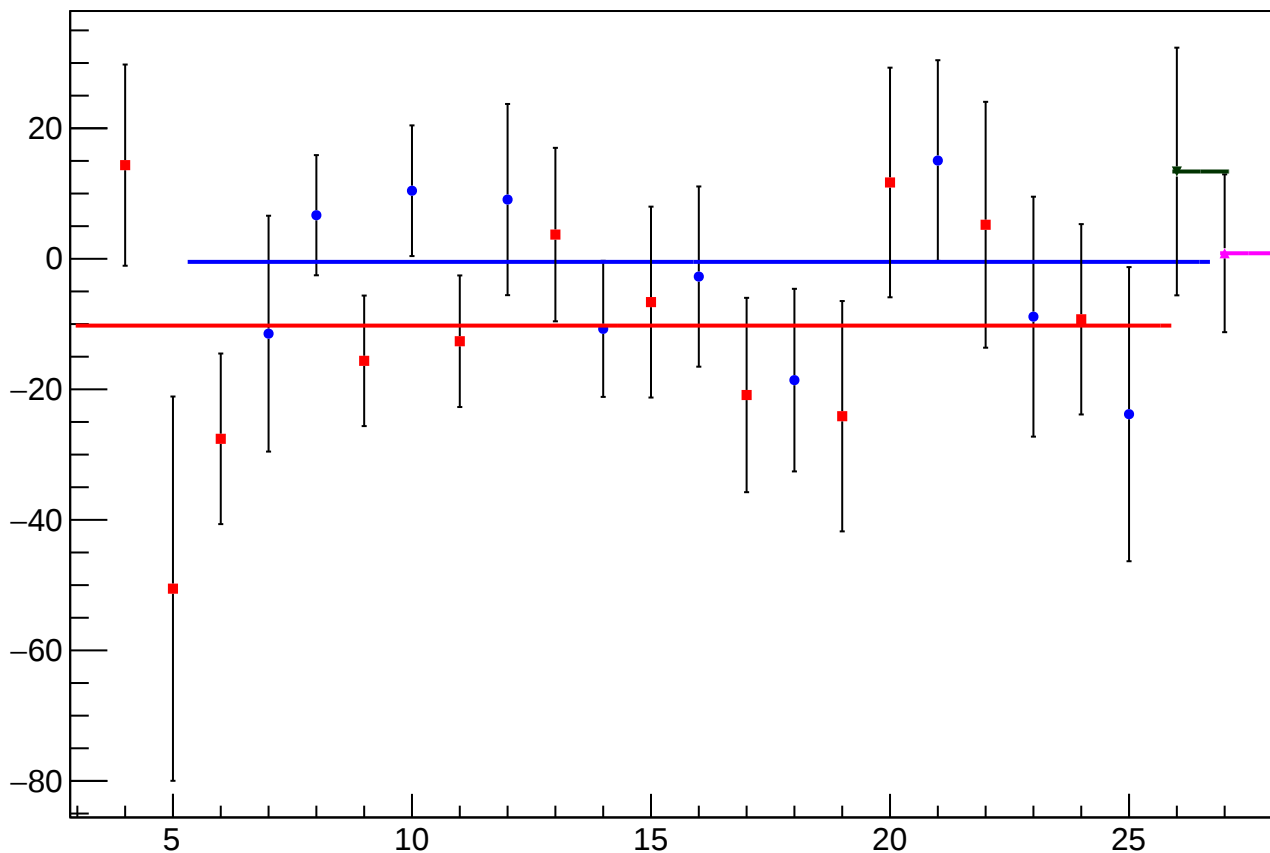
Right Out: 3475.466+/-1.116 χ^2/NDF : 3010113.2/11

Left In: 6613.971+/-5.059 χ^2/NDF : 0.0/0

3762.682+/-1.152 χ^2/NDF : 2847044.6/10

3621.099+/-1.090 χ^2/NDF : 3377086.9/12

diff_bpm4eX_mean vs slug



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

Left Out: 13.376 ± 18.974 χ^2/NDF : 0.0/0

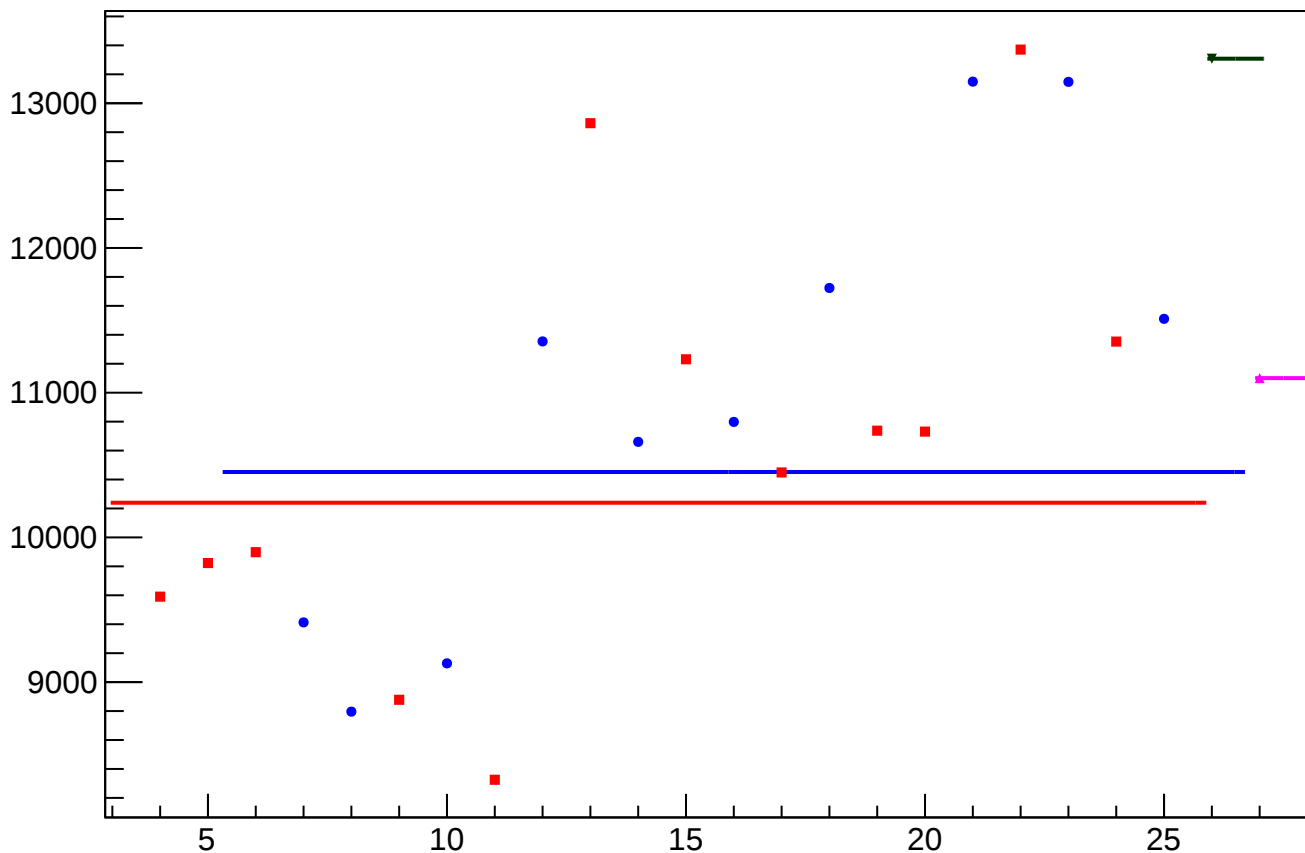
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

Left In: 0.848 ± 12.091 χ^2/NDF : 0.0/0

0.160 ± 4.049 χ^2/NDF : 8.1/10

-9.098 ± 3.872 χ^2/NDF : 11.8/12

diff_bpm4eX_rms vs slug



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

Left Out: 13307.931+/-13.417 χ^2/NDF : 0.0/0

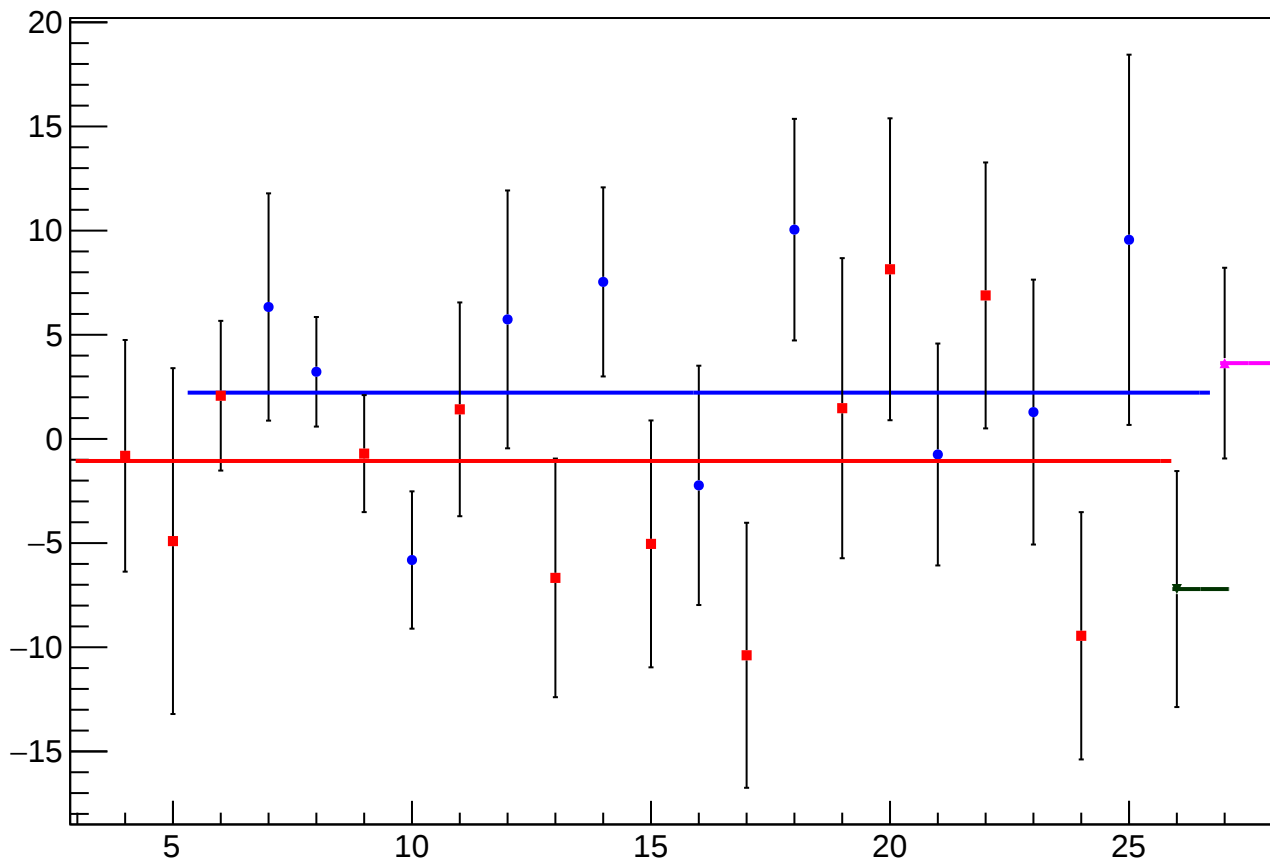
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

Left In: 11100.761+/-8.550 χ^2/NDF : 0.0/0

10582.014+/-2.863 χ^2/NDF : 284611.4/10

10328.003+/-2.738 χ^2/NDF : 281175.2/12

diff_bpm4eY_mean vs slug



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

Left Out: -7.206 ± 5.665 χ^2/NDF : 0.0/0

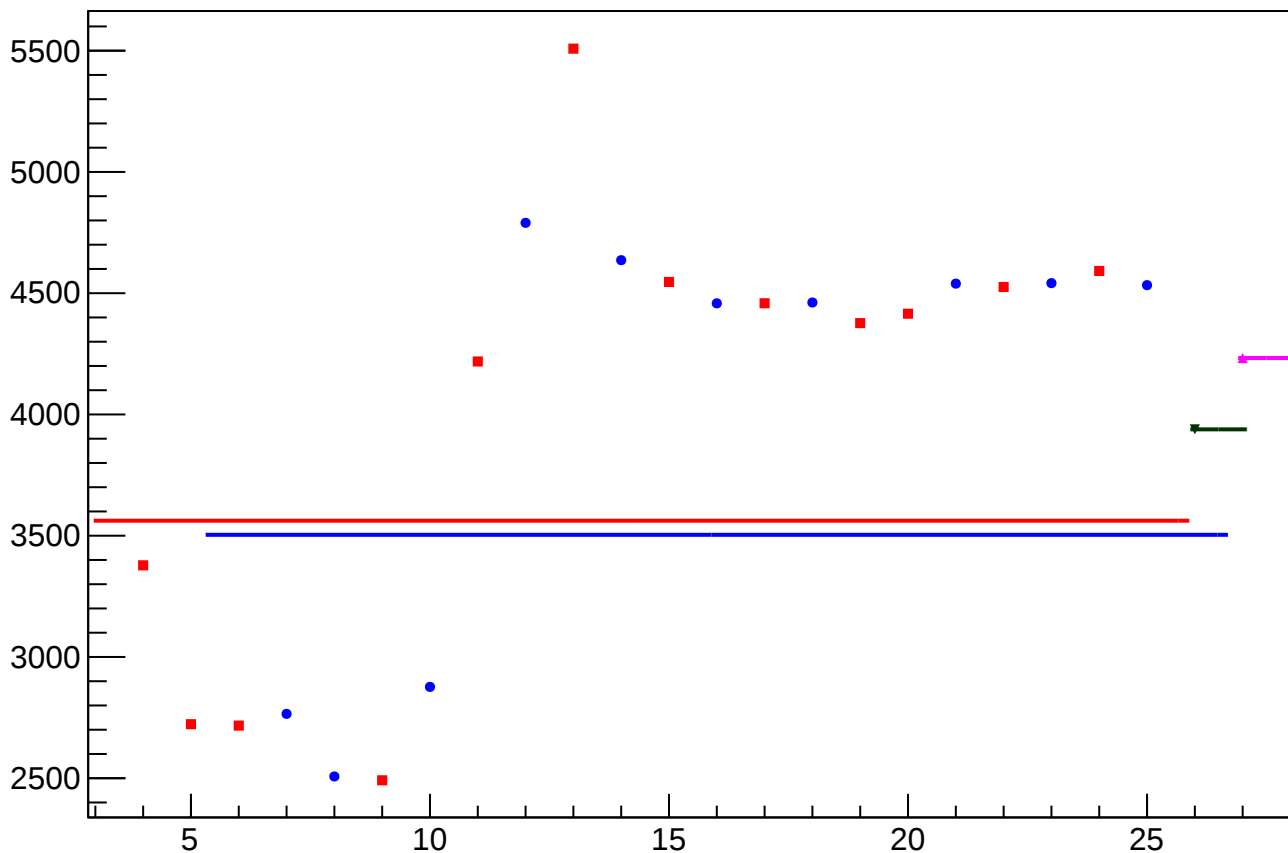
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: 3.639 ± 4.578 χ^2/NDF : 0.0/0

1.651 ± 1.394 χ^2/NDF : 14.7/10

-0.620 ± 1.398 χ^2/NDF : 11.0/12

diff_bpm4eY_rms vs slug



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

Left Out: 3938.552+/-4.005 χ^2/NDF : 0.0/0

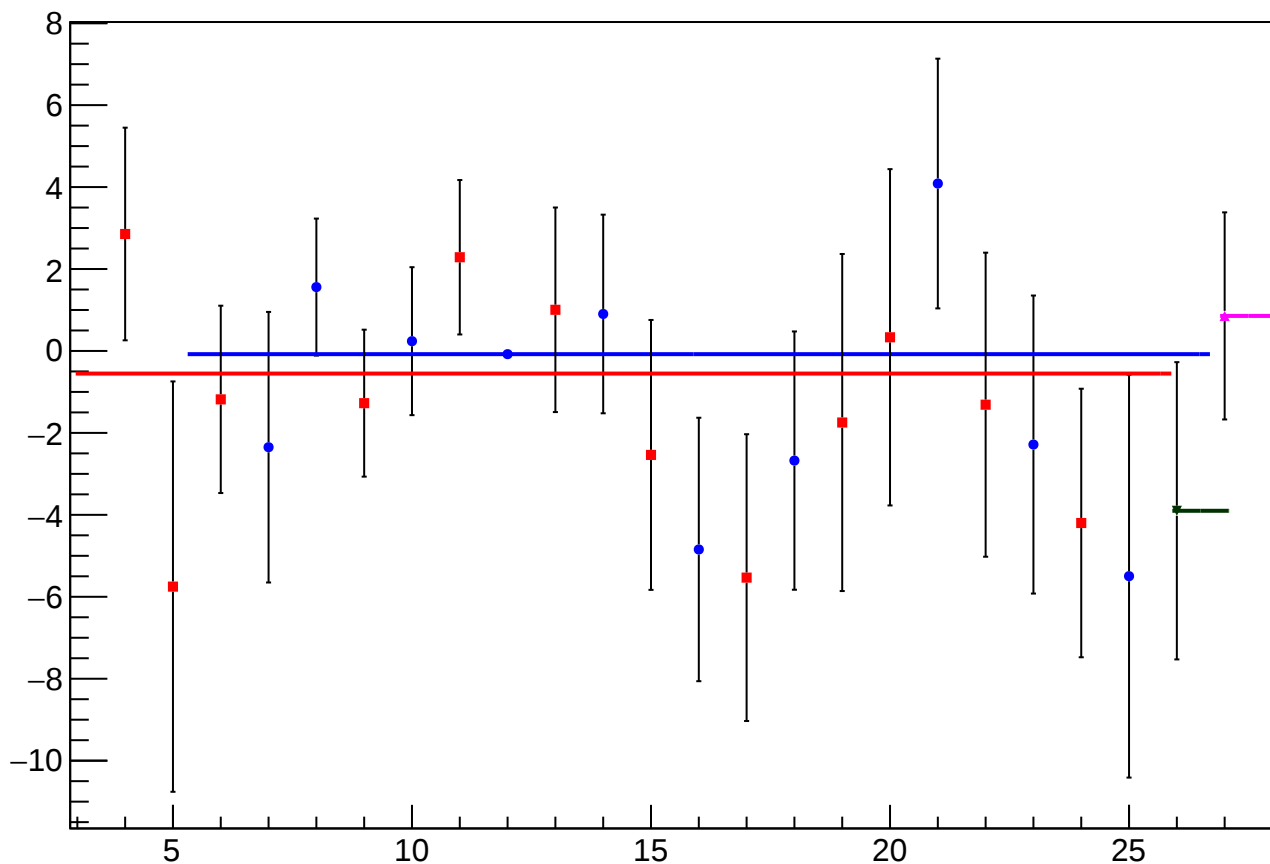
Right Out: 3561.943+/-1.038 χ^2/NDF : 941598.3/11

Left In: 4232.739+/-3.237 χ^2/NDF : 0.0/0

3530.099+/-0.986 χ^2/NDF : 893916.1/10

3624.501+/-0.988 χ^2/NDF : 980540.6/12

diff_bpm4acX_mean vs slug



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

Left Out: -3.901 ± 3.628 χ^2/NDF : 0.0/0

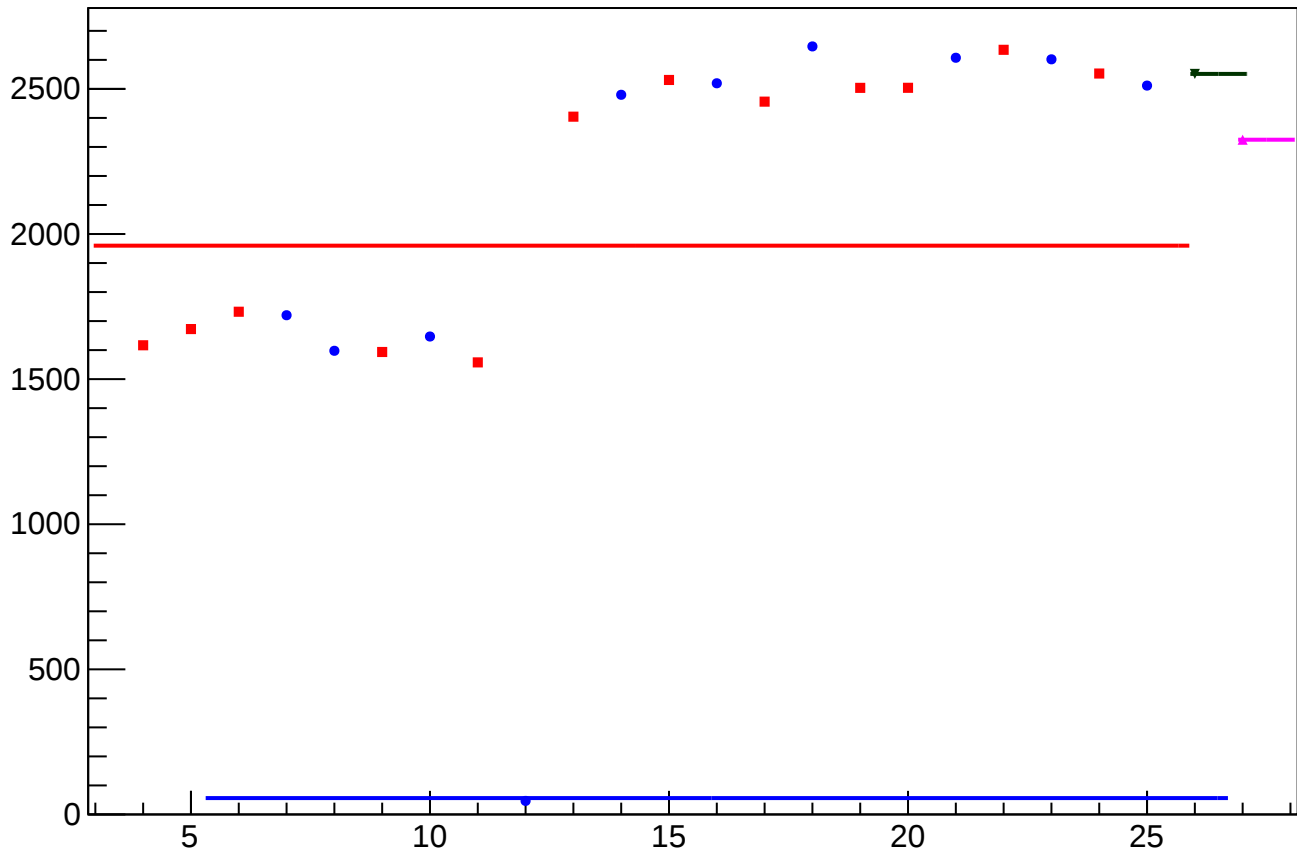
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 0.855 ± 2.527 χ^2/NDF : 0.0/0

-0.079 ± 0.060 χ^2/NDF : 9.1/10

-0.426 ± 0.757 χ^2/NDF : 9.8/12

diff_bpm4acX_rms vs slug



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

Left Out: 2551.667+/-2.565 χ^2/NDF : 0.0/0

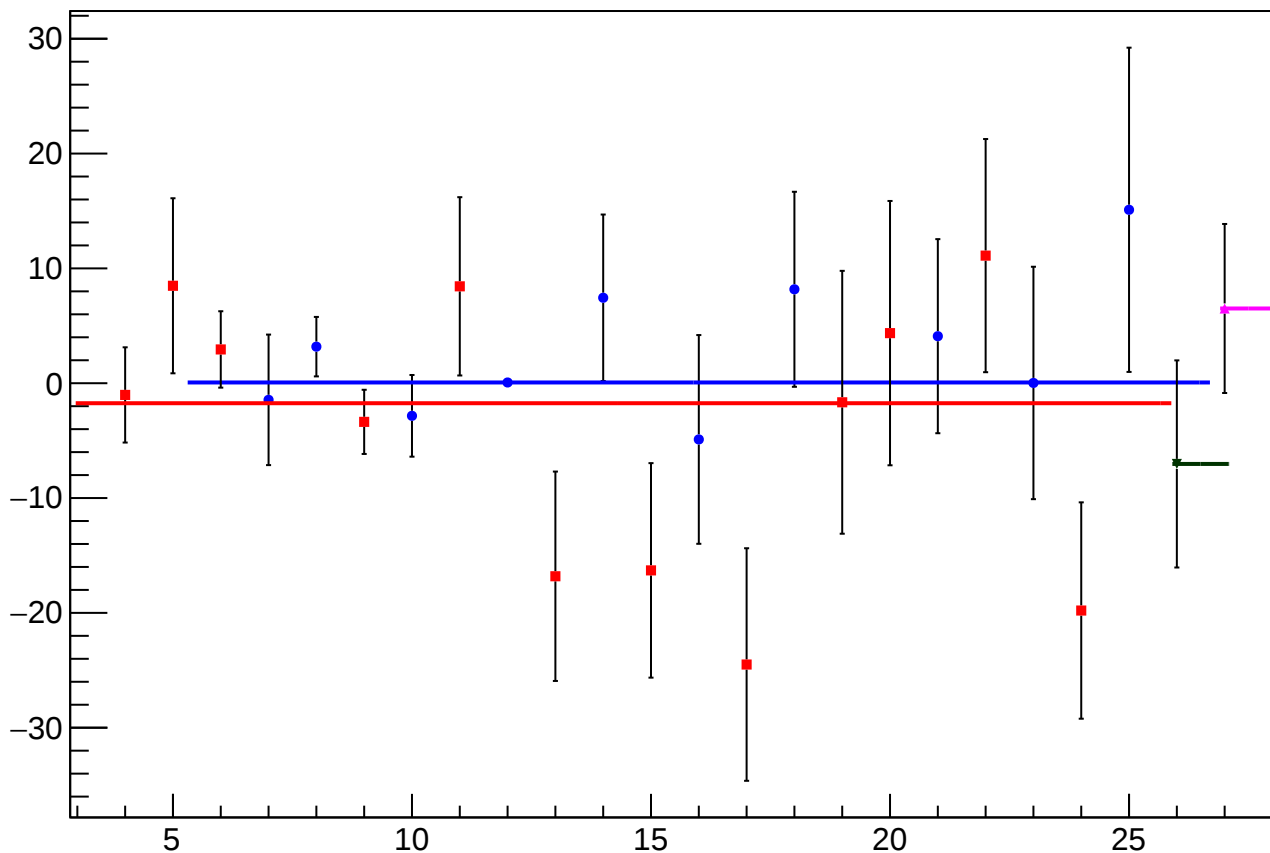
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

Left In: 2324.932+/-1.787 χ^2/NDF : 0.0/0

57.114+/-0.043 χ^2/NDF : 12159235.7/10

1992.573+/-0.535 χ^2/NDF : 639384.4/12

diff_bpm4acY_mean vs slug



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

Left Out: -7.030 ± 9.019 $\chi^2/\text{NDF}: 0.0/0$

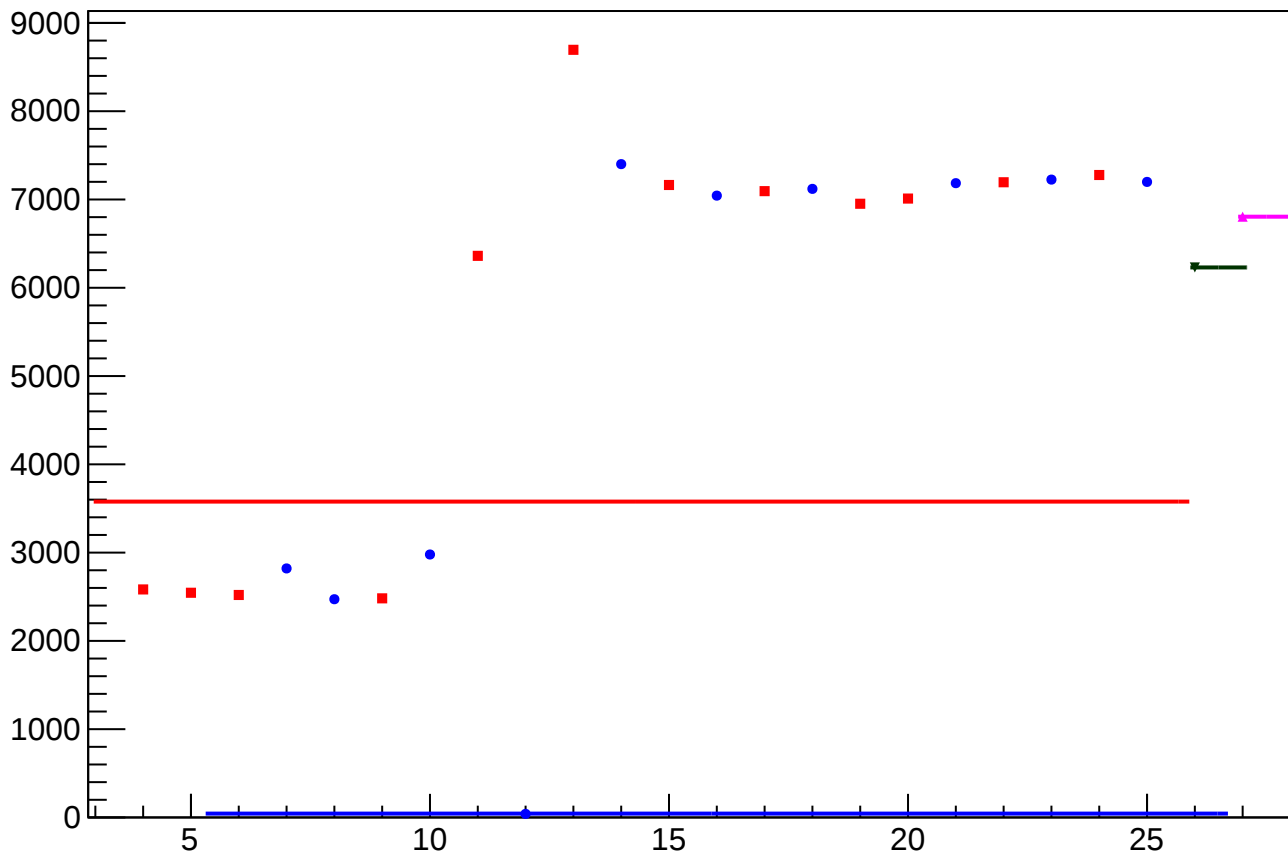
Right Out: -1.741 ± 1.623 $\chi^2/\text{NDF}: 21.6/11$

Left In: 6.508 ± 7.360 $\chi^2/\text{NDF}: 0.0/0$

0.065 ± 0.052 $\chi^2/\text{NDF}: 6.4/10$

-1.359 ± 1.585 $\chi^2/\text{NDF}: 22.8/12$

diff_bpm4acY_rms vs slug



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

Left Out: 6230.212+/-6.377 χ^2/NDF : 0.0/0

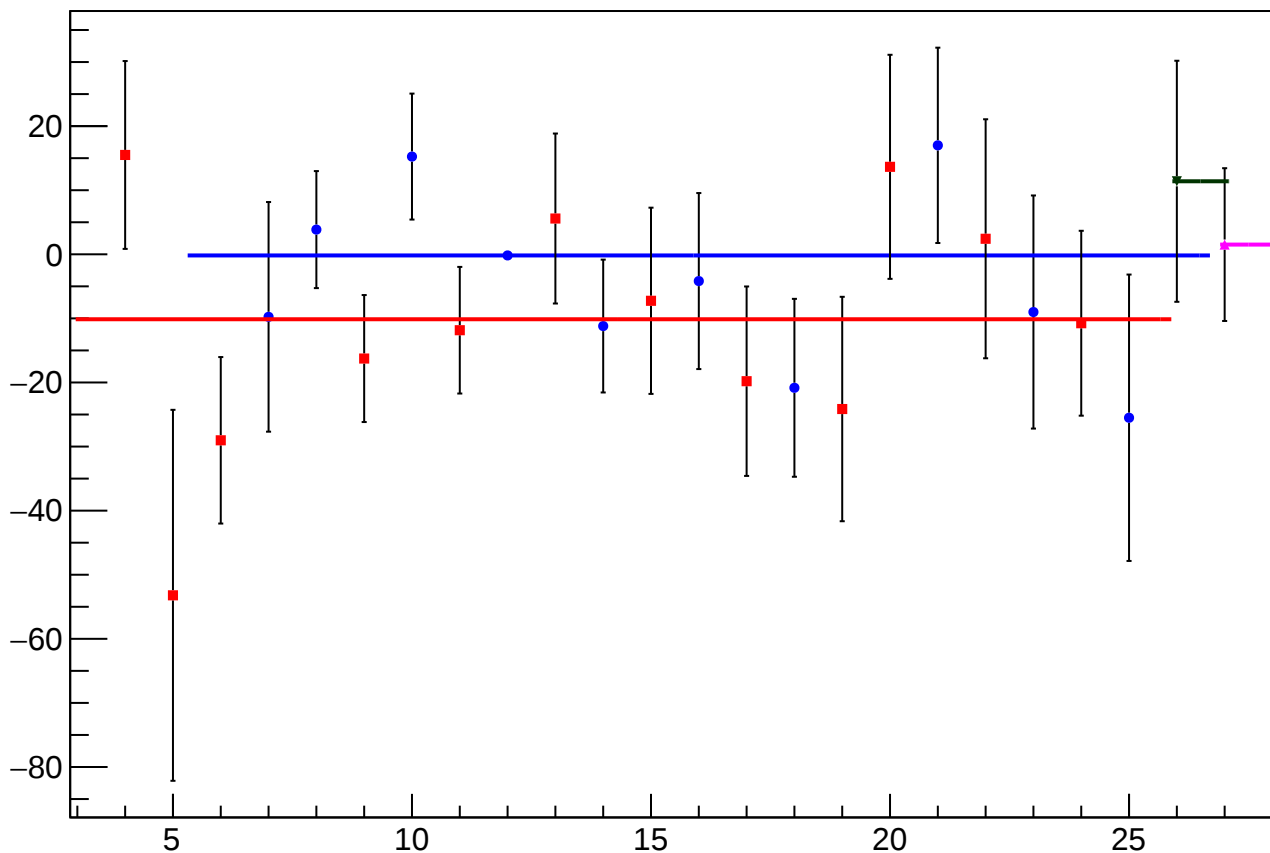
Right Out: 3577.880+/-1.147 χ^2/NDF : 2998842.2/11

Left In: 6805.214+/-5.204 χ^2/NDF : 0.0/0

43.838+/-0.037 χ^2/NDF : 12131326.7/10

3727.490+/-1.120 χ^2/NDF : 3365593.3/12

diff_bpm4ecX_mean vs slug



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

Left Out: 11.394 ± 18.807 χ^2/NDF : 0.0/0

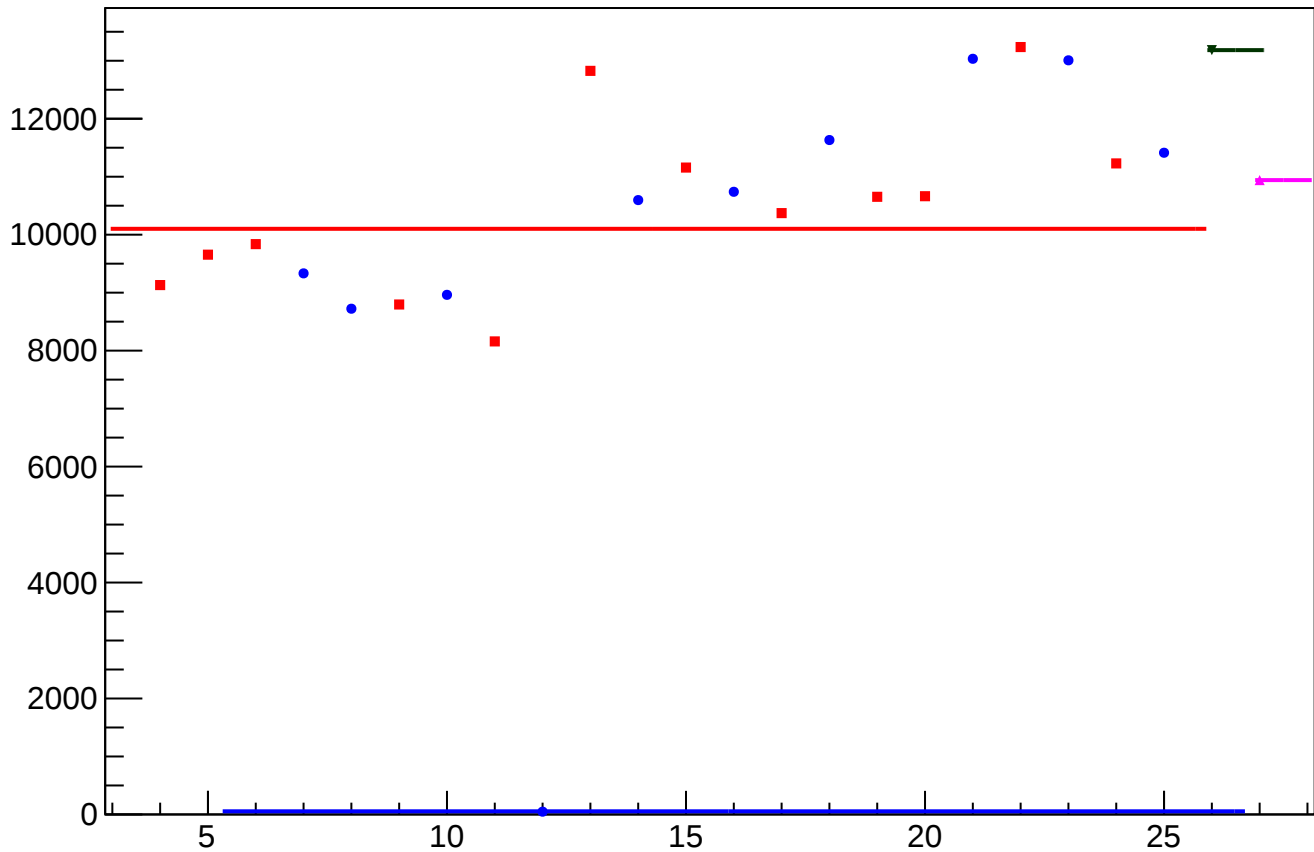
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 1.516 ± 11.919 χ^2/NDF : 0.0/0

-0.177 ± 0.107 χ^2/NDF : 9.5/10

-8.936 ± 3.822 χ^2/NDF : 13.5/12

diff_bpm4ecX_rms vs slug



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

Left Out: 13183.268+/-13.299 χ^2/NDF : 0.0/0

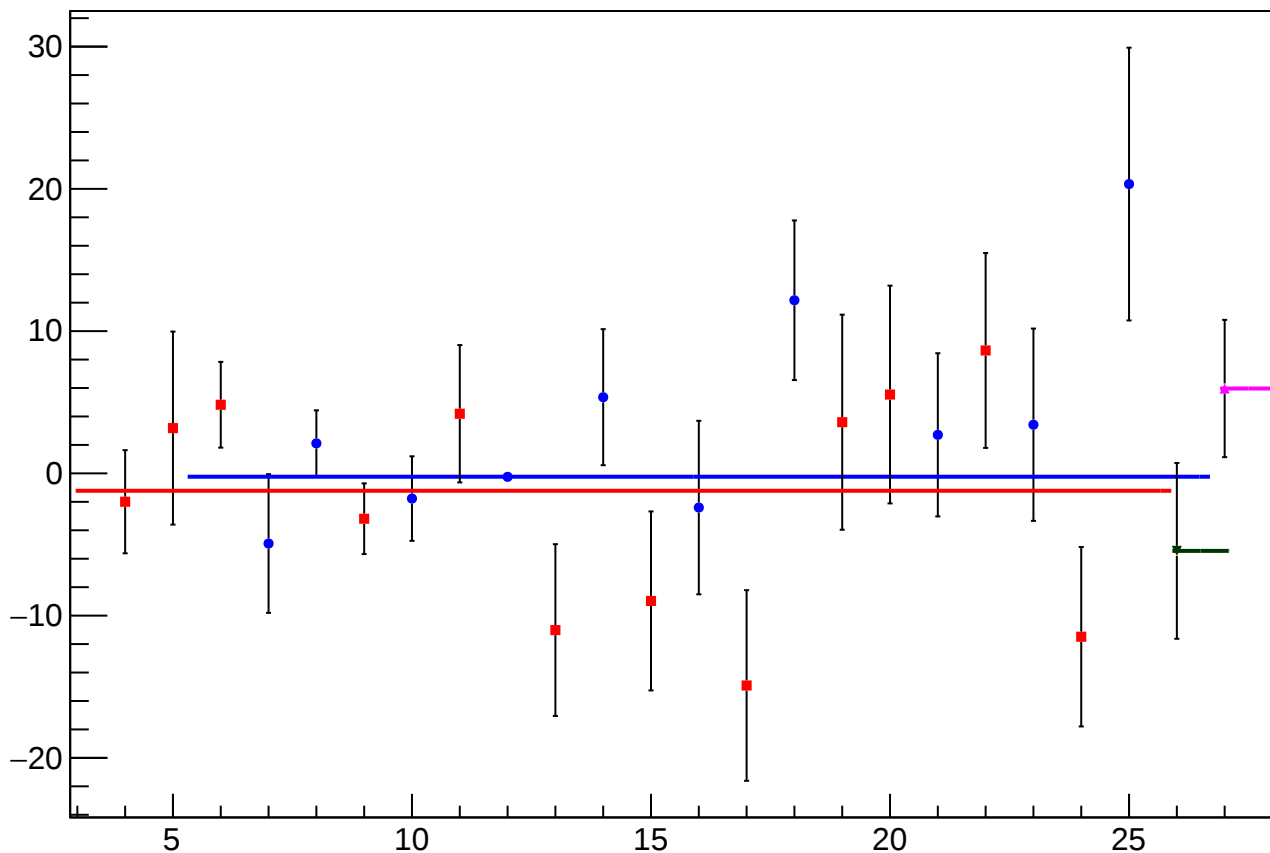
54.779+/-0.075 χ^2/NDF : 12618664.5/10

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

10187.630+/-2.702 χ^2/NDF : 299469.7/12

Left In: 10941.410+/-8.428 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs slug



Right In: -0.234 ± 0.090 $\chi^2/\text{NDF}: 13.8/9$

Left Out: -5.448 ± 6.180 $\chi^2/\text{NDF}: 0.0/0$

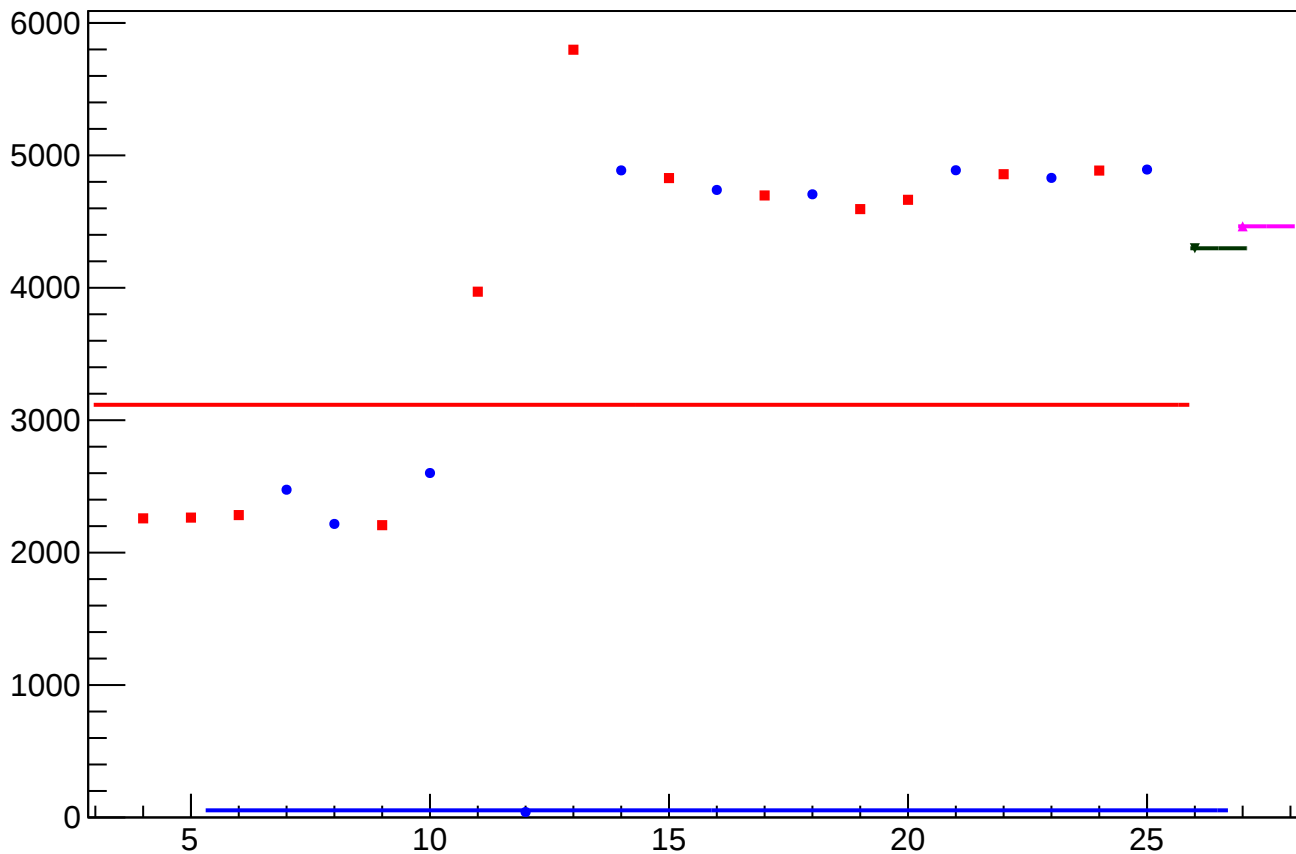
Right Out: -1.223 ± 1.326 $\chi^2/\text{NDF}: 20.6/11$

Left In: 5.965 ± 4.826 $\chi^2/\text{NDF}: 0.0/0$

-0.236 ± 0.090 $\chi^2/\text{NDF}: 14.5/10$

-0.718 ± 1.279 $\chi^2/\text{NDF}: 22.7/12$

diff_bpm4ecY_rms vs slug



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

Left Out: 4298.452+/-4.370 χ^2/NDF : 0.0/0

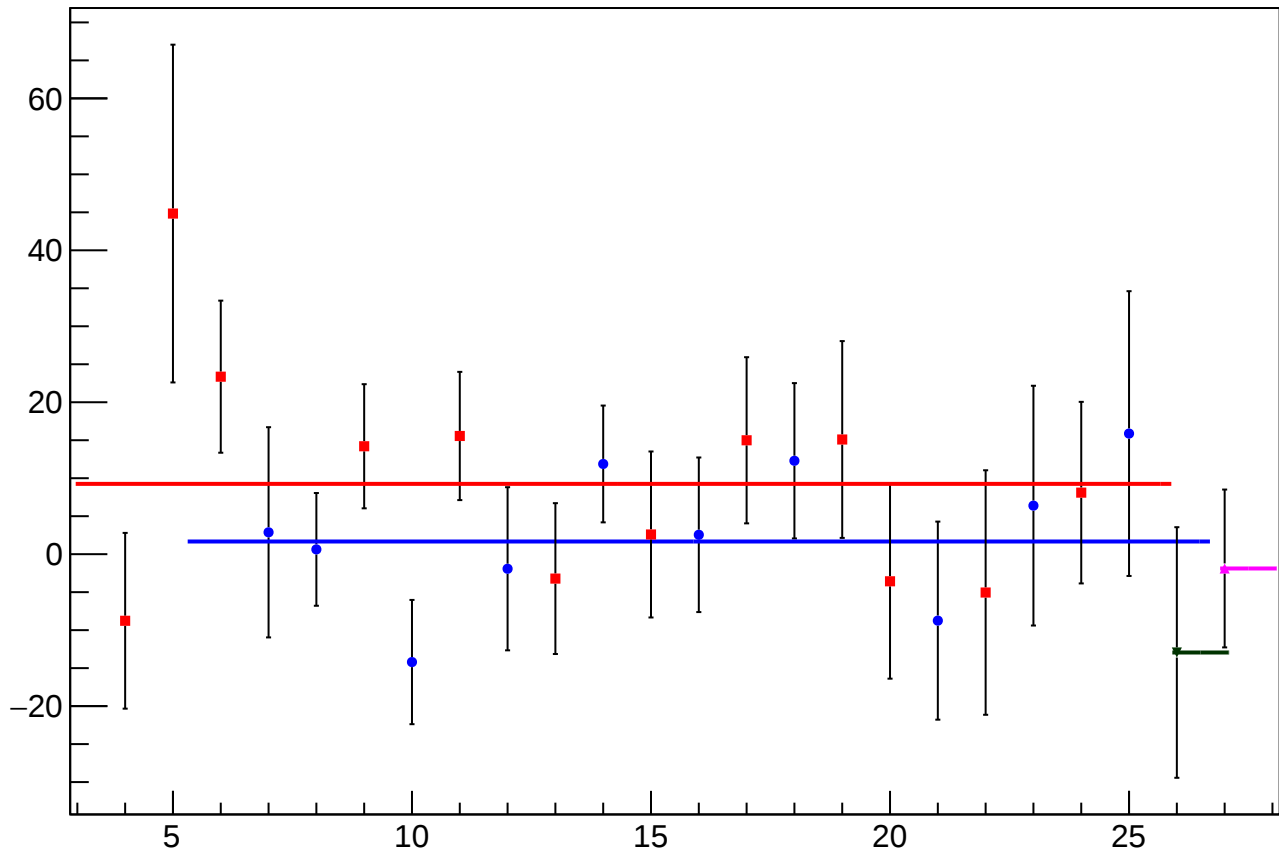
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

Left In: 4464.320+/-3.412 χ^2/NDF : 0.0/0

54.705+/-0.064 χ^2/NDF : 12212363.8/10

3211.009+/-0.904 χ^2/NDF : 1869946.3/12

diff_bpm1X_mean vs slug



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

Left Out: -12.942 ± 16.494 χ^2/NDF : 0.0/0

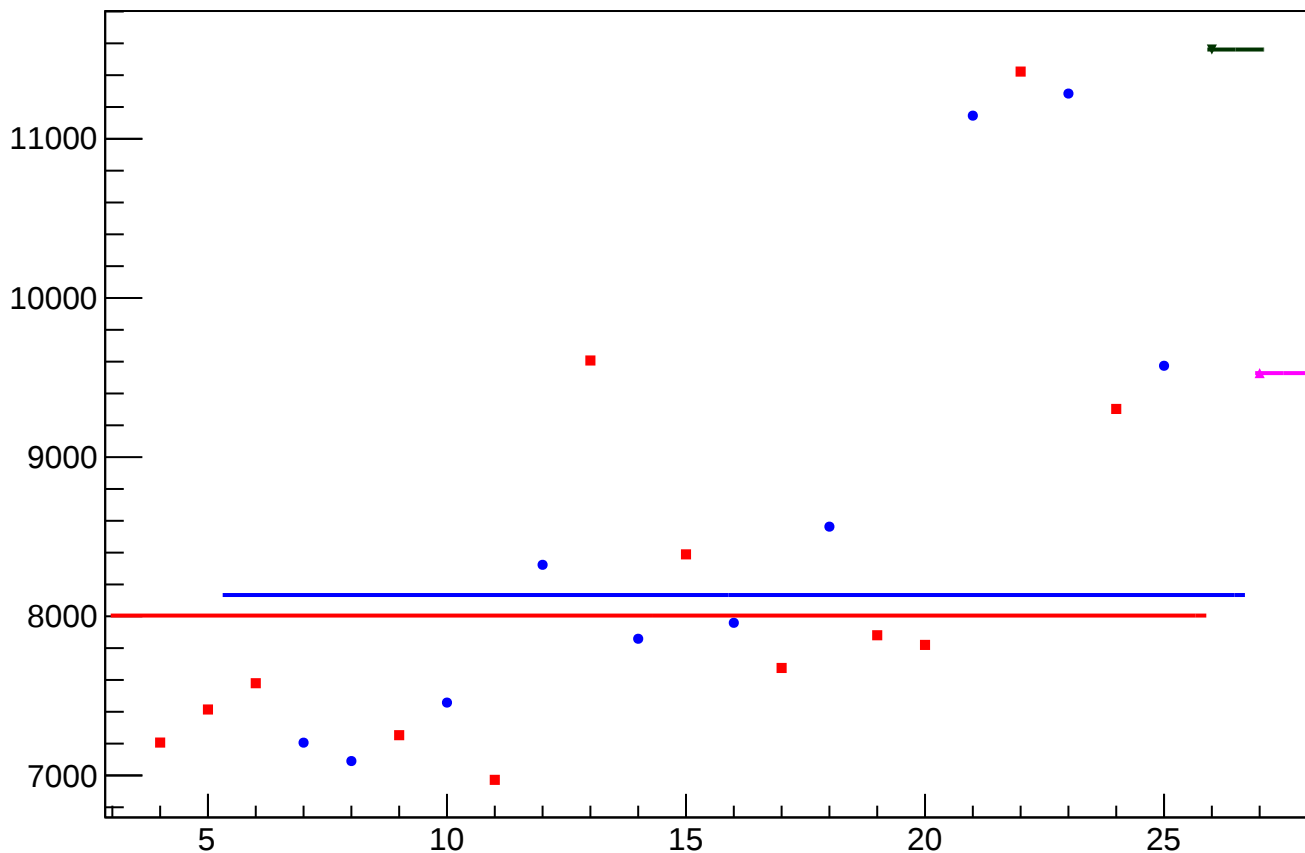
Right Out: 9.254 ± 3.190 χ^2/NDF : 12.1/11

Left In: -1.883 ± 10.390 χ^2/NDF : 0.0/0

1.130 ± 3.169 χ^2/NDF : 8.8/10

8.295 ± 3.049 χ^2/NDF : 13.2/12

diff_bpm1X_rms vs slug



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

Left Out: 11561.175+/-11.663 χ^2/NDF : 0.0/0

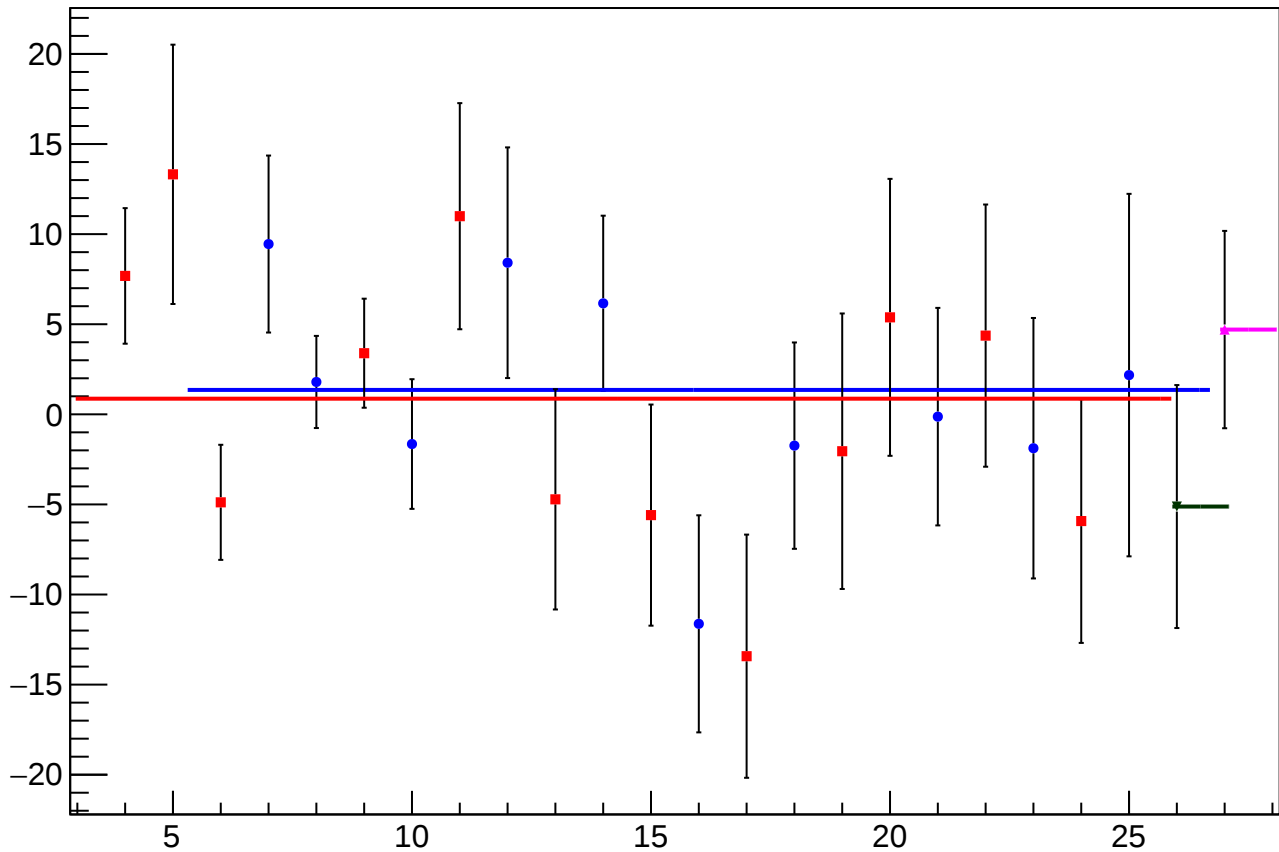
Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

Left In: 9528.006+/-7.347 χ^2/NDF : 0.0/0

8260.180+/-2.241 χ^2/NDF : 350944.9/10

8135.810+/-2.156 χ^2/NDF : 271487.2/12

diff_bpm1Y_mean vs slug



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

Left Out: -5.118+/-6.742 χ^2/NDF : 0.0/0

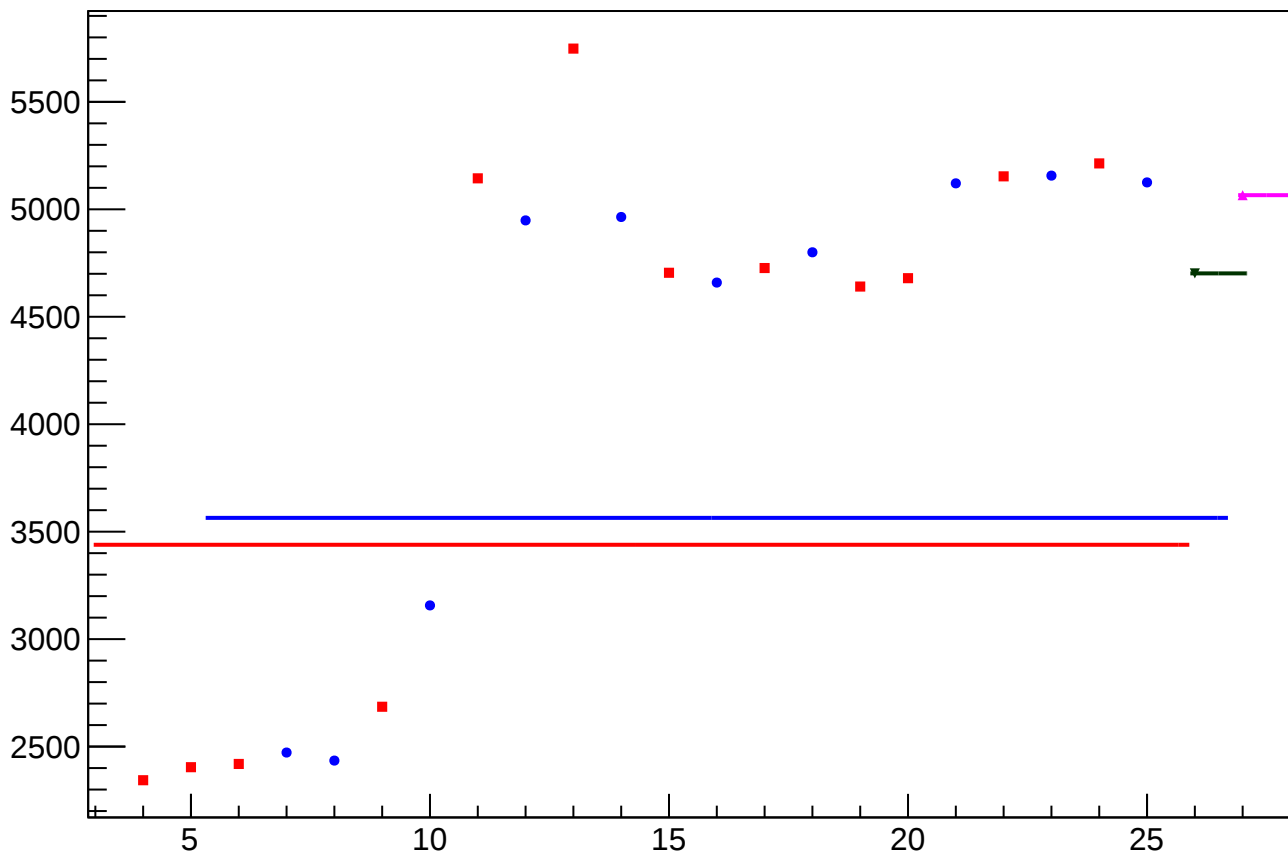
Right Out: 0.868+/-1.454 χ^2/NDF : 21.0/11

Left In: 4.703+/-5.476 χ^2/NDF : 0.0/0

1.054+/-1.451 χ^2/NDF : 11.7/10

1.121+/-1.406 χ^2/NDF : 21.4/12

diff_bpm1Y_rms vs slug



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

Left Out: 4701.888+/-4.767 χ^2/NDF : 0.0/0

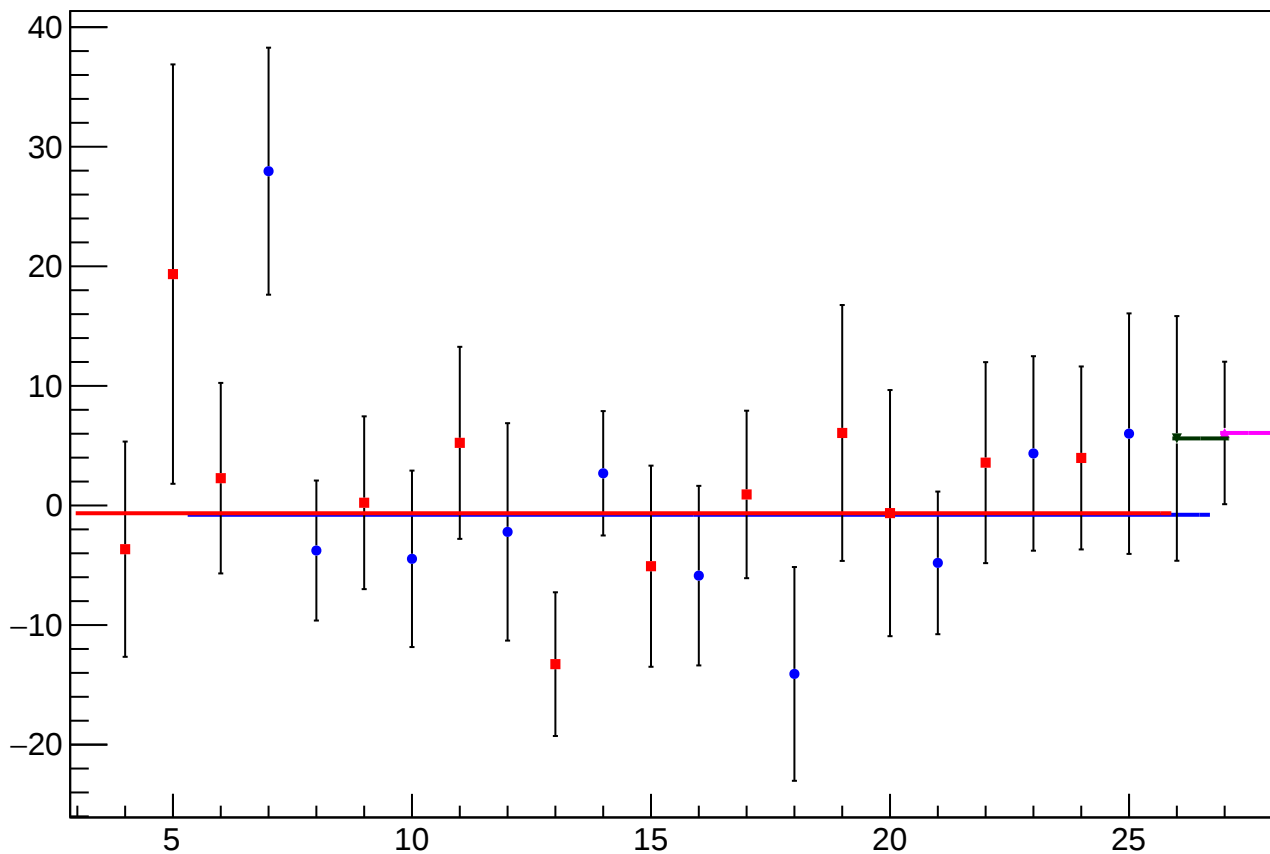
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

Left In: 5065.838+/-3.872 χ^2/NDF : 0.0/0

3616.947+/-1.026 χ^2/NDF : 1265748.1/10

3546.229+/-0.994 χ^2/NDF : 1645248.4/12

diff_bpm11X_mean vs slug



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

Left Out: 5.607 ± 10.231 χ^2/NDF : 0.0/0

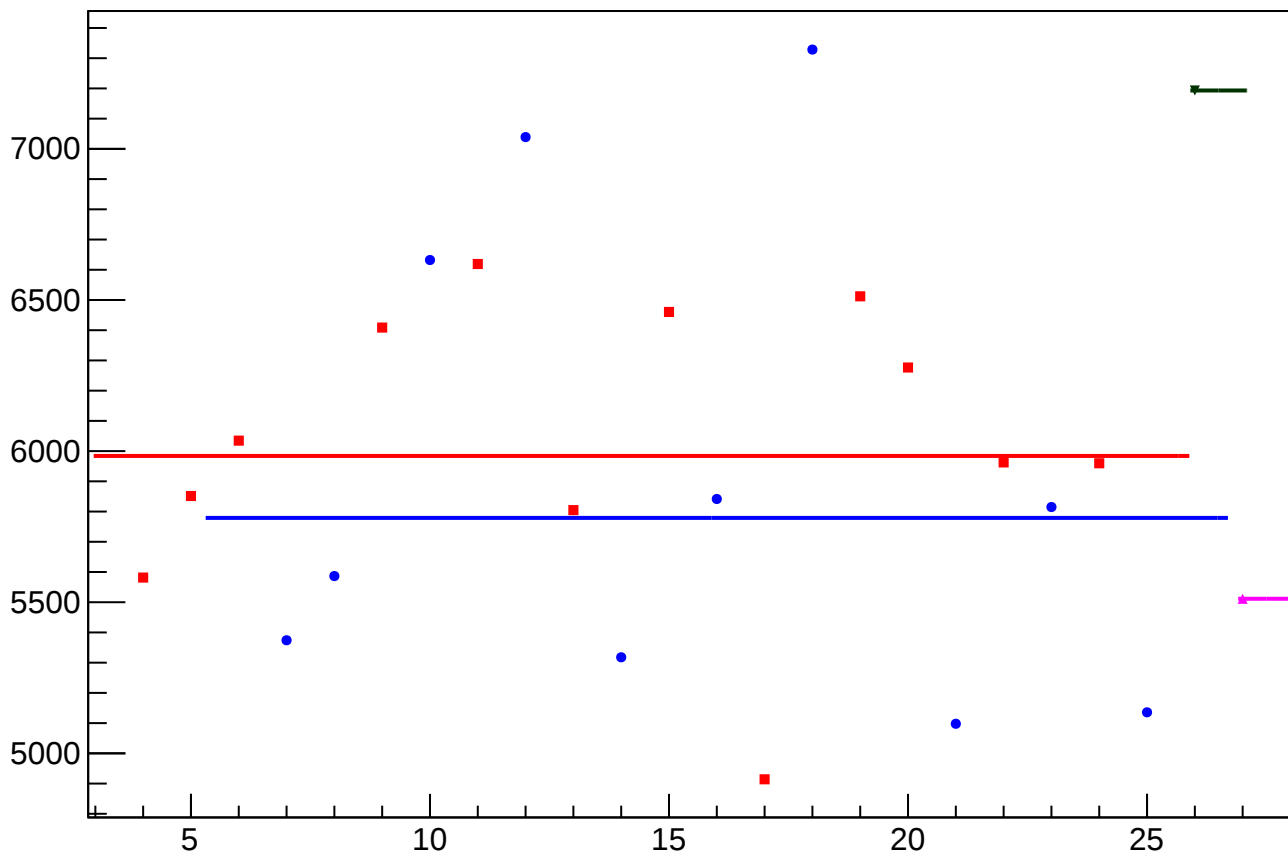
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

Left In: 6.065 ± 5.958 χ^2/NDF : 0.0/0

-0.471 ± 2.242 χ^2/NDF : 13.1/10

0.269 ± 2.204 χ^2/NDF : 8.9/12

diff_bpm11X_rms vs slug



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

Left Out: 7193.177+/-7.234 χ^2/NDF : 0.0/0

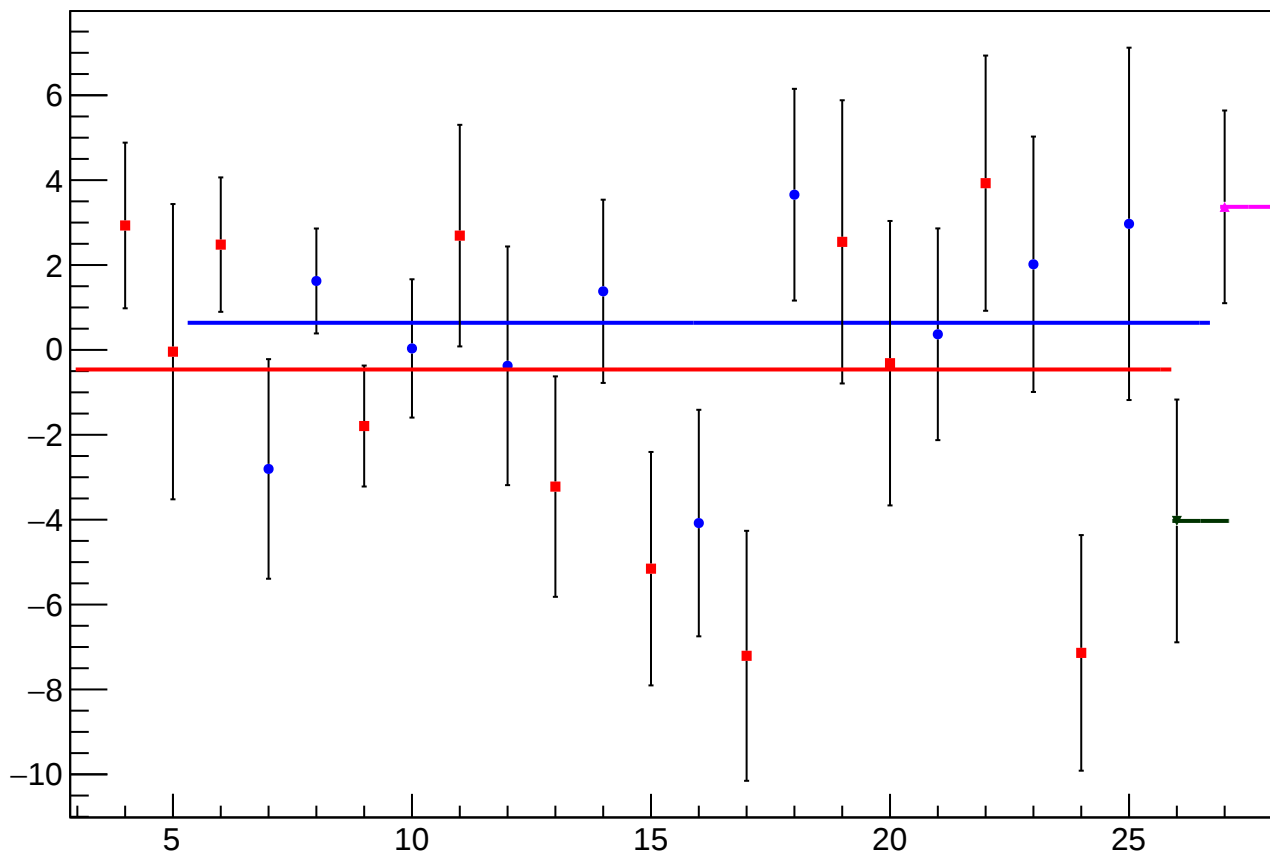
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5511.431+/-4.213 χ^2/NDF : 0.0/0

5846.952+/-1.585 χ^2/NDF : 217054.0/10

5919.310+/-1.559 χ^2/NDF : 95868.8/12

diff_bpm11Y_mean vs slug



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

Left Out: -4.029 ± 2.860 $\chi^2/\text{NDF}: 0.0/0$

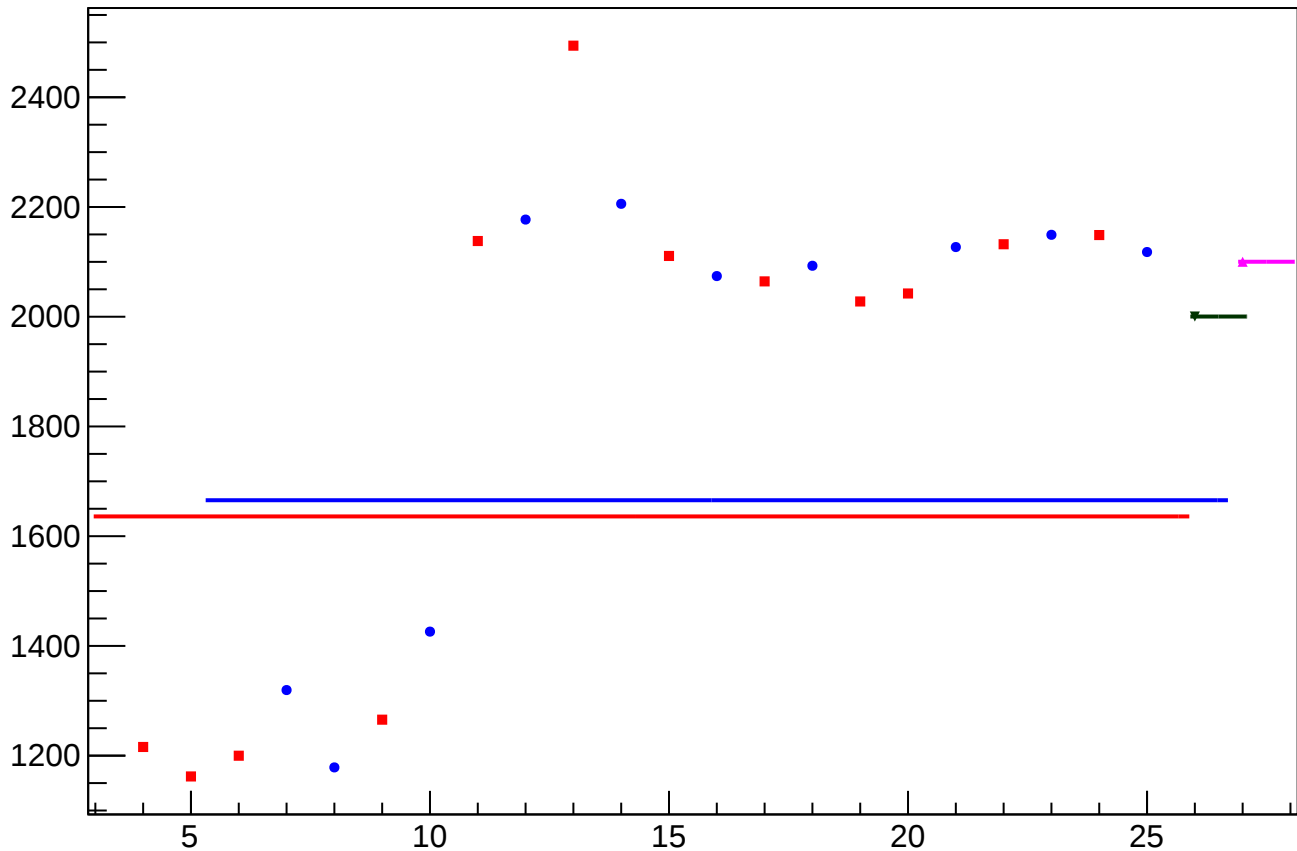
Right Out: -0.461 ± 0.674 $\chi^2/\text{NDF}: 26.8/11$

Left In: 3.371 ± 2.270 $\chi^2/\text{NDF}: 0.0/0$

0.388 ± 0.663 $\chi^2/\text{NDF}: 10.4/10$

-0.150 ± 0.647 $\chi^2/\text{NDF}: 29.5/12$

diff_bpm11Y_rms vs slug



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

Left Out: 2000.359+/-2.022 χ^2/NDF : 0.0/0

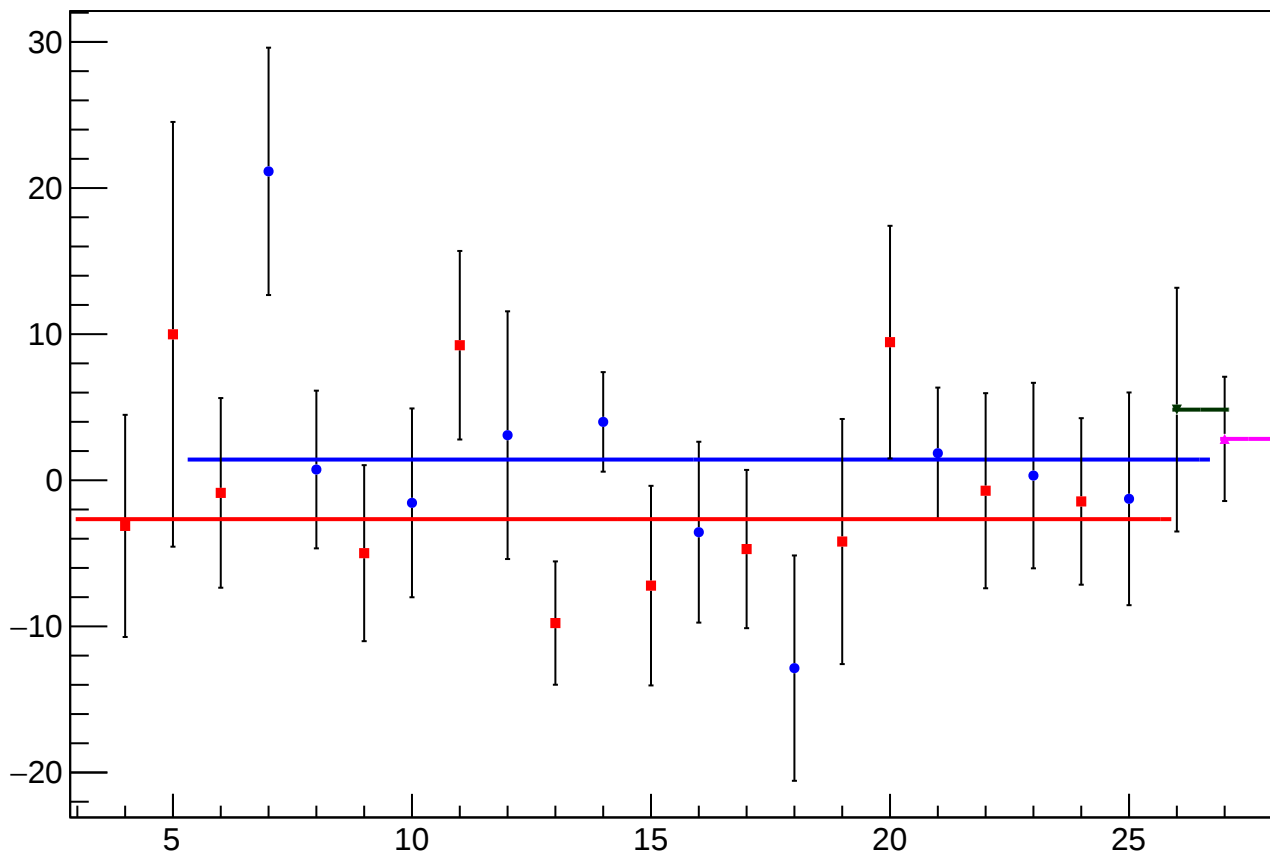
Right Out: 1636.018+/-0.477 χ^2/NDF : 990659.4/11

Left In: 2100.215+/-1.605 χ^2/NDF : 0.0/0

1683.539+/-0.469 χ^2/NDF : 856306.8/10

1673.675+/-0.457 χ^2/NDF : 1067515.0/12

diff_bpm12X_mean vs slug



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

Left Out: 4.834 ± 8.340 χ^2/NDF : 0.0/0

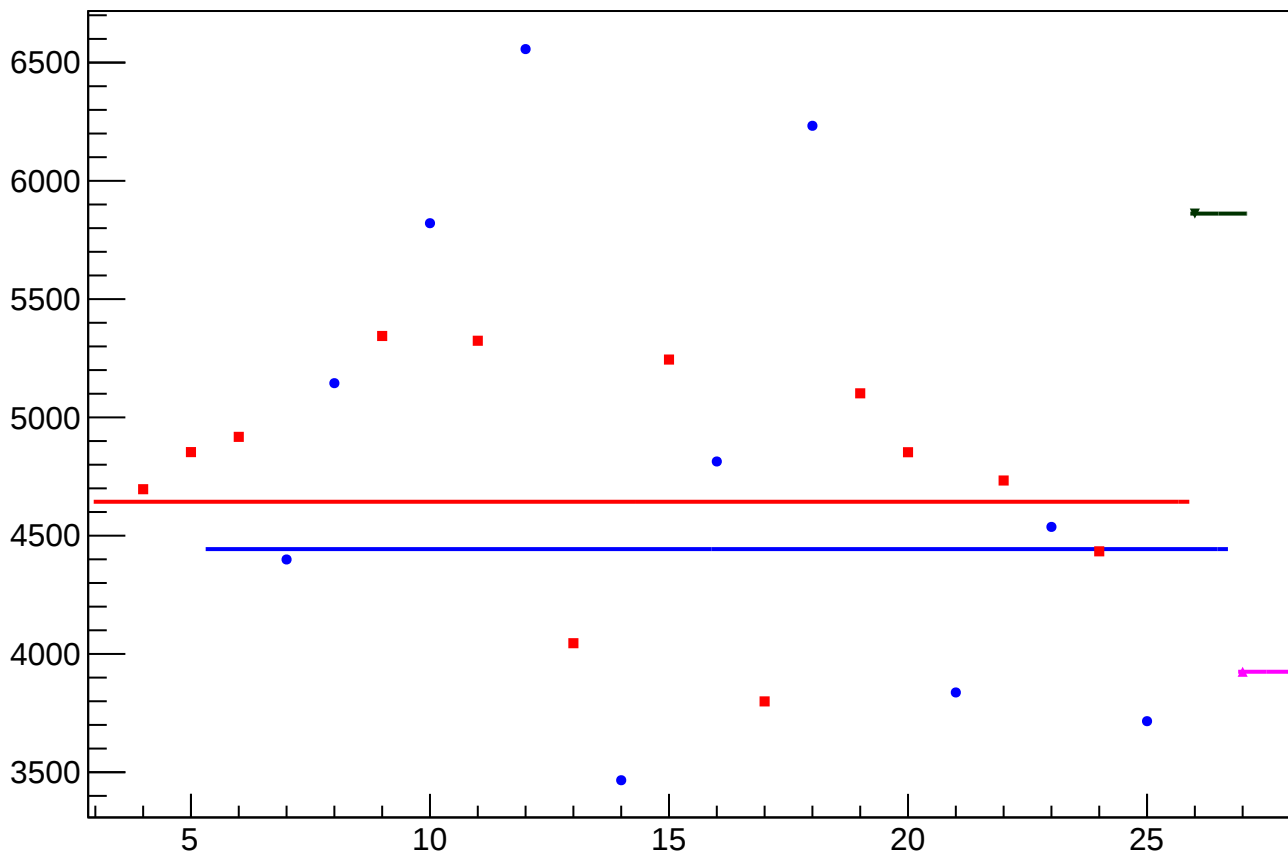
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 2.832 ± 4.253 χ^2/NDF : 0.0/0

1.570 ± 1.760 χ^2/NDF : 10.7/10

-1.787 ± 1.696 χ^2/NDF : 11.7/12

diff_bpm12X_rms vs slug



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

Left Out: 5861.547+/-5.897 χ^2/NDF : 0.0/0

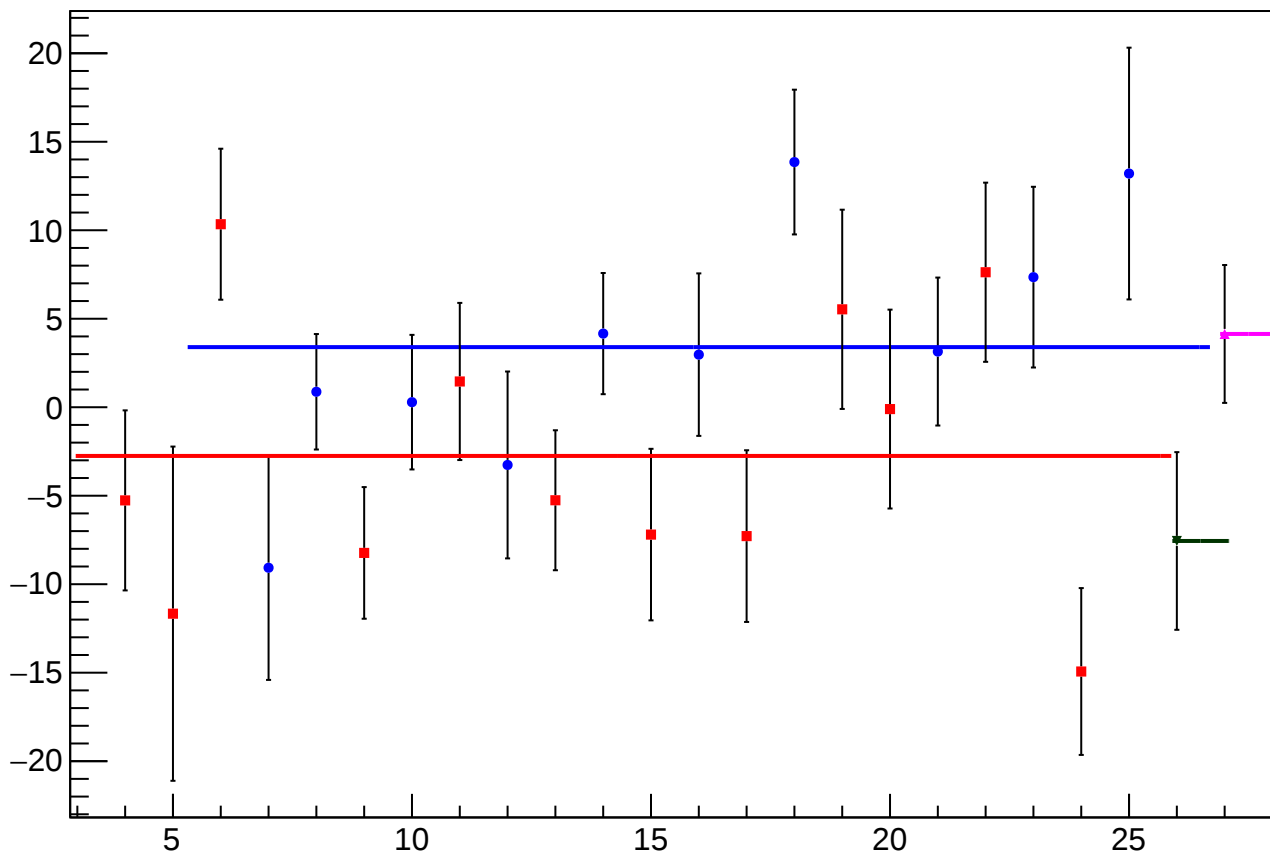
Right Out: 4643.387+/-1.308 χ^2/NDF : 168050.7/11

Left In: 3924.738+/-3.007 χ^2/NDF : 0.0/0

4506.376+/-1.244 χ^2/NDF : 640634.2/10

4529.063+/-1.199 χ^2/NDF : 216070.9/12

diff_bpm12Y_mean vs slug



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

Left Out: -7.557 ± 5.019 $\chi^2/\text{NDF}: 0.0/0$

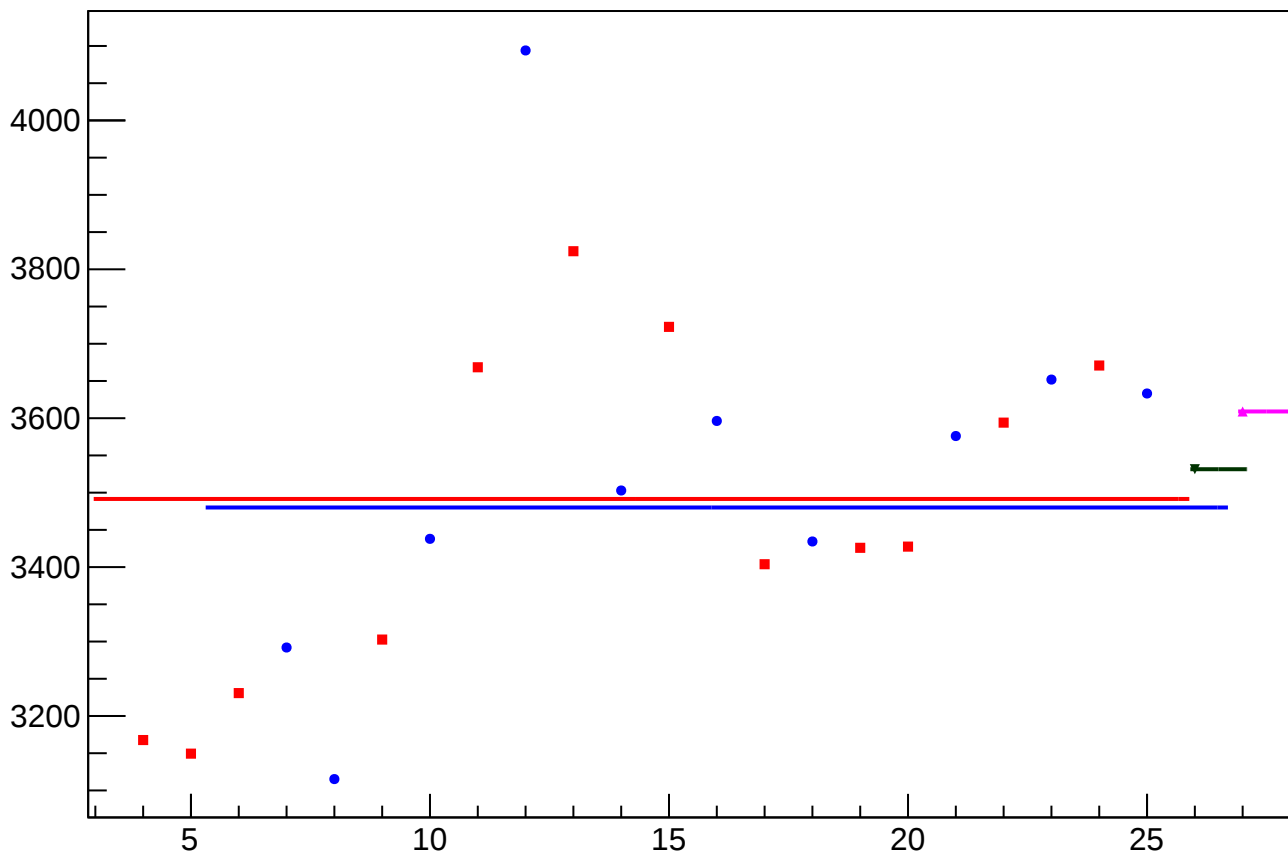
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

Left In: 4.140 ± 3.895 $\chi^2/\text{NDF}: 0.0/0$

2.636 ± 1.323 $\chi^2/\text{NDF}: 20.3/10$

-1.982 ± 1.302 $\chi^2/\text{NDF}: 31.8/12$

diff_bpm12Y_rms vs slug



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

Left Out: 3531.479+/-3.549 χ^2/NDF : 0.0/0

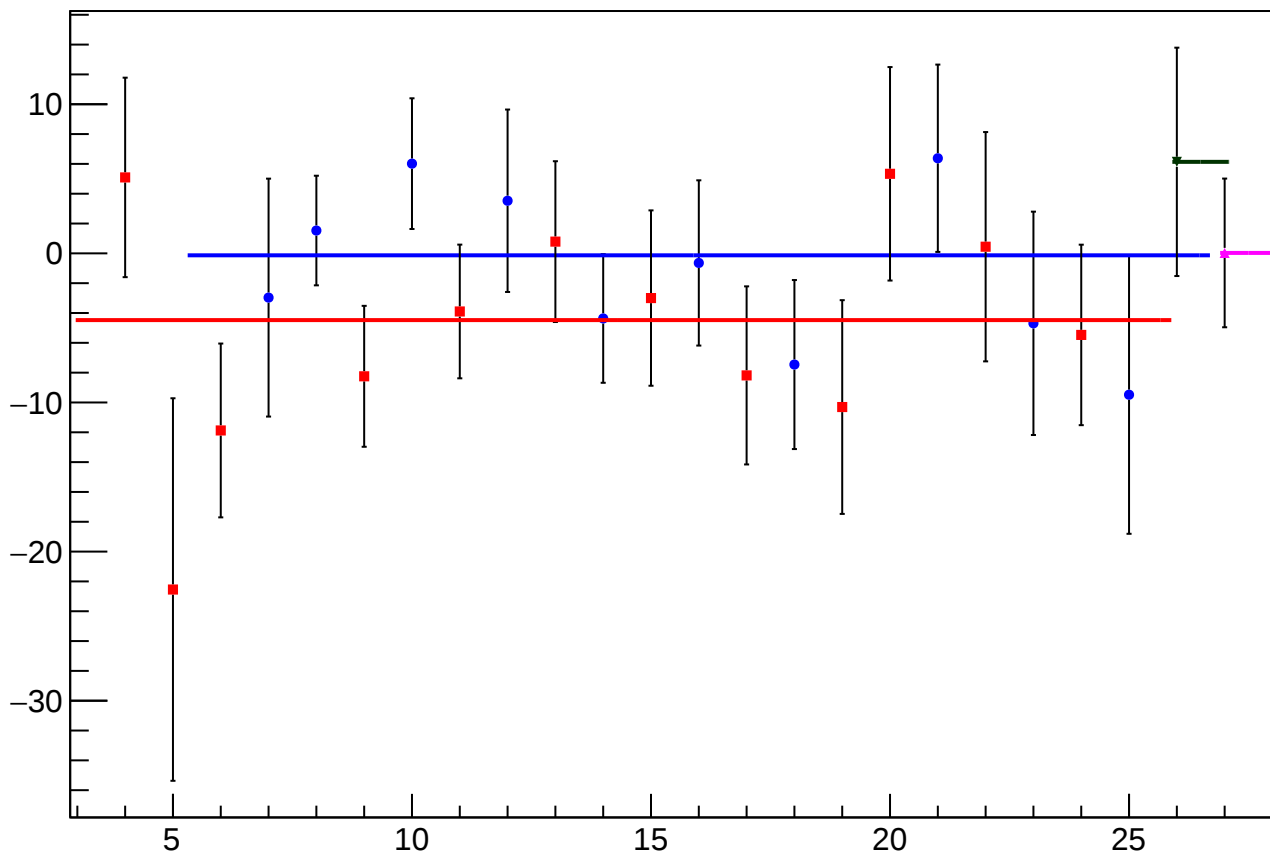
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

Left In: 3609.050+/-2.754 χ^2/NDF : 0.0/0

3483.637+/-0.935 χ^2/NDF : 60111.5/10

3504.663+/-0.921 χ^2/NDF : 51761.3/12

diff_bpm16X_mean vs slug



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

Left Out: 6.137 ± 7.657 χ^2/NDF : 0.0/0

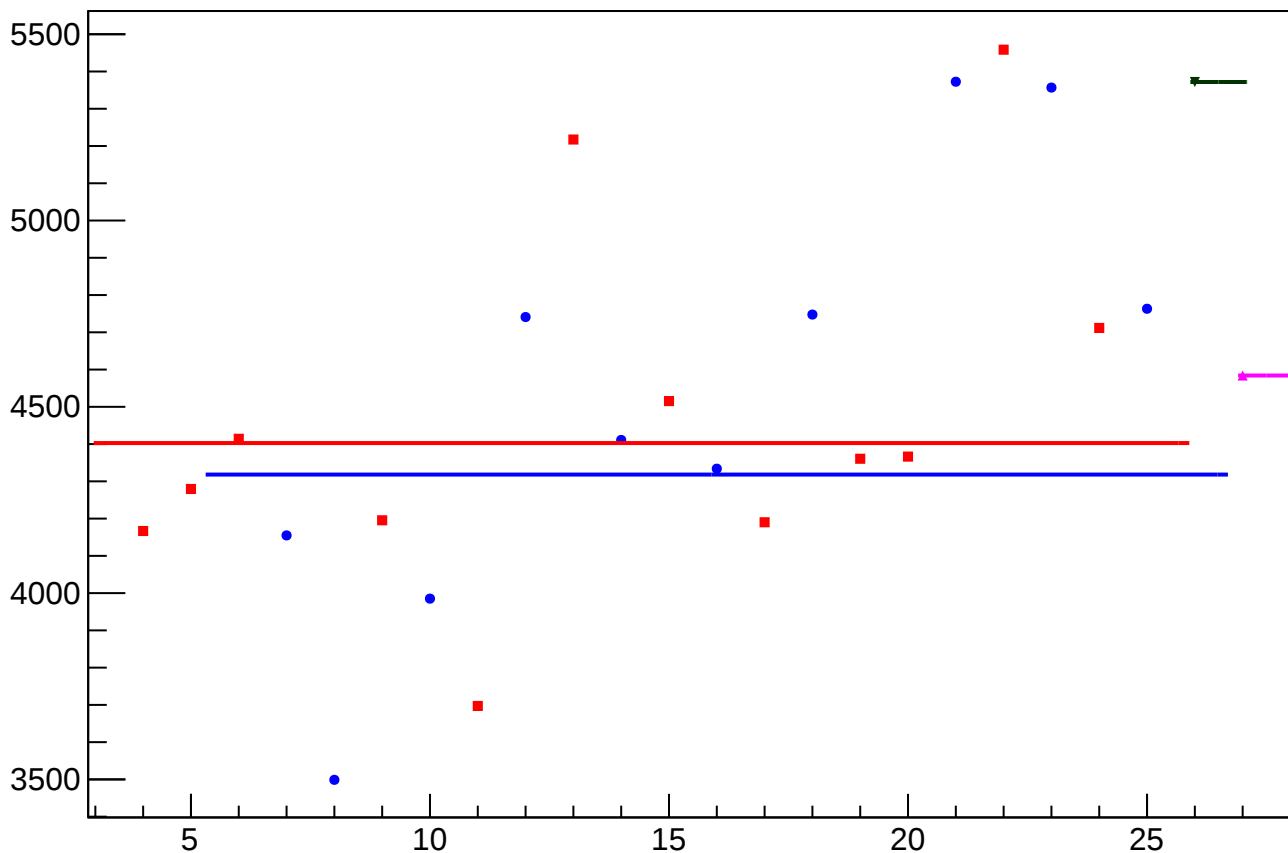
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 0.029 ± 4.986 χ^2/NDF : 0.0/0

0.168 ± 1.672 χ^2/NDF : 8.4/10

-3.982 ± 1.650 χ^2/NDF : 11.4/12

diff_bpm16X_rms vs slug



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

Left Out: 5371.803+/-5.414 χ^2/NDF : 0.0/0

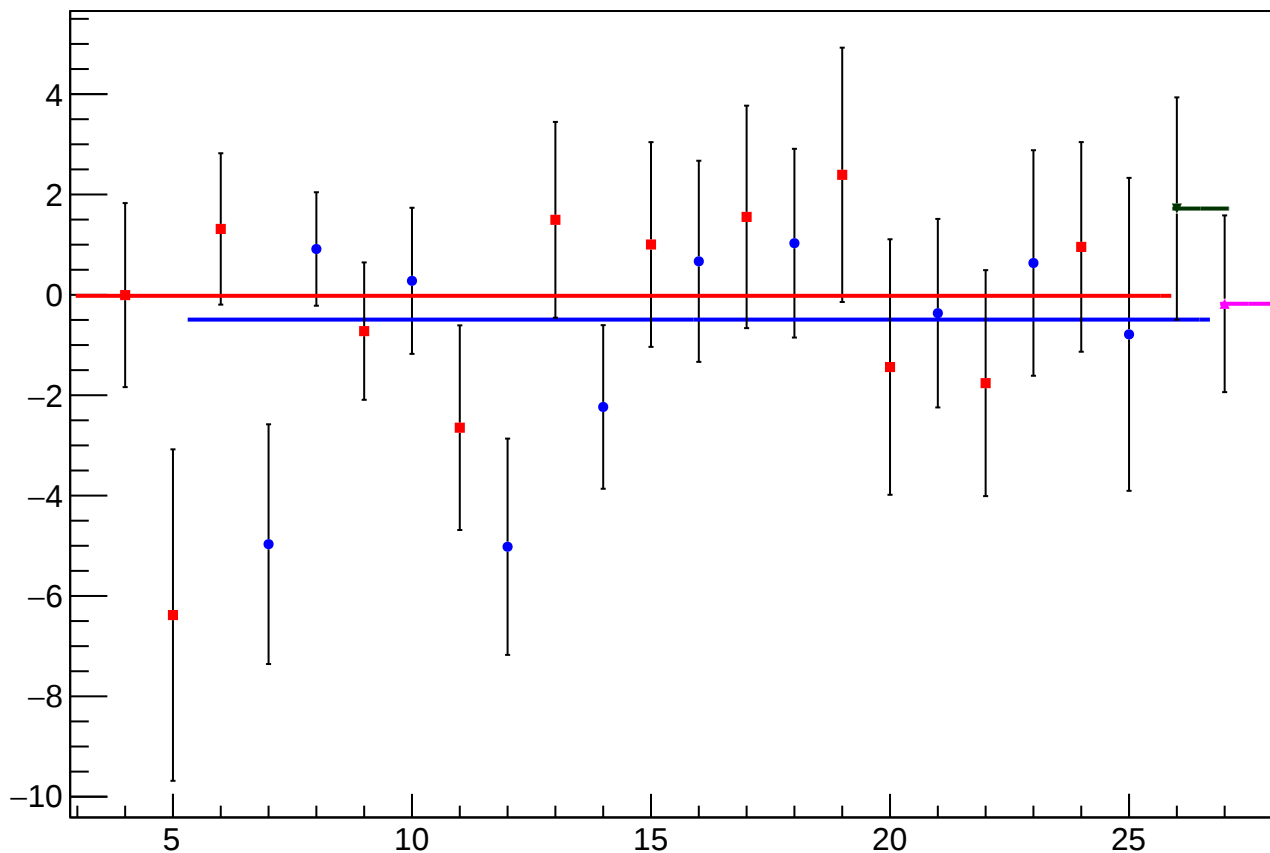
Right Out: 4402.778+/-1.237 χ^2/NDF : 148052.0/11

Left In: 4584.065+/-3.526 χ^2/NDF : 0.0/0

4368.411+/-1.182 χ^2/NDF : 269190.3/10

4422.636+/-1.167 χ^2/NDF : 150406.4/12

diff_bpm16Y_mean vs slug



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

Left Out: 1.720 ± 2.216 χ^2/NDF : 0.0/0

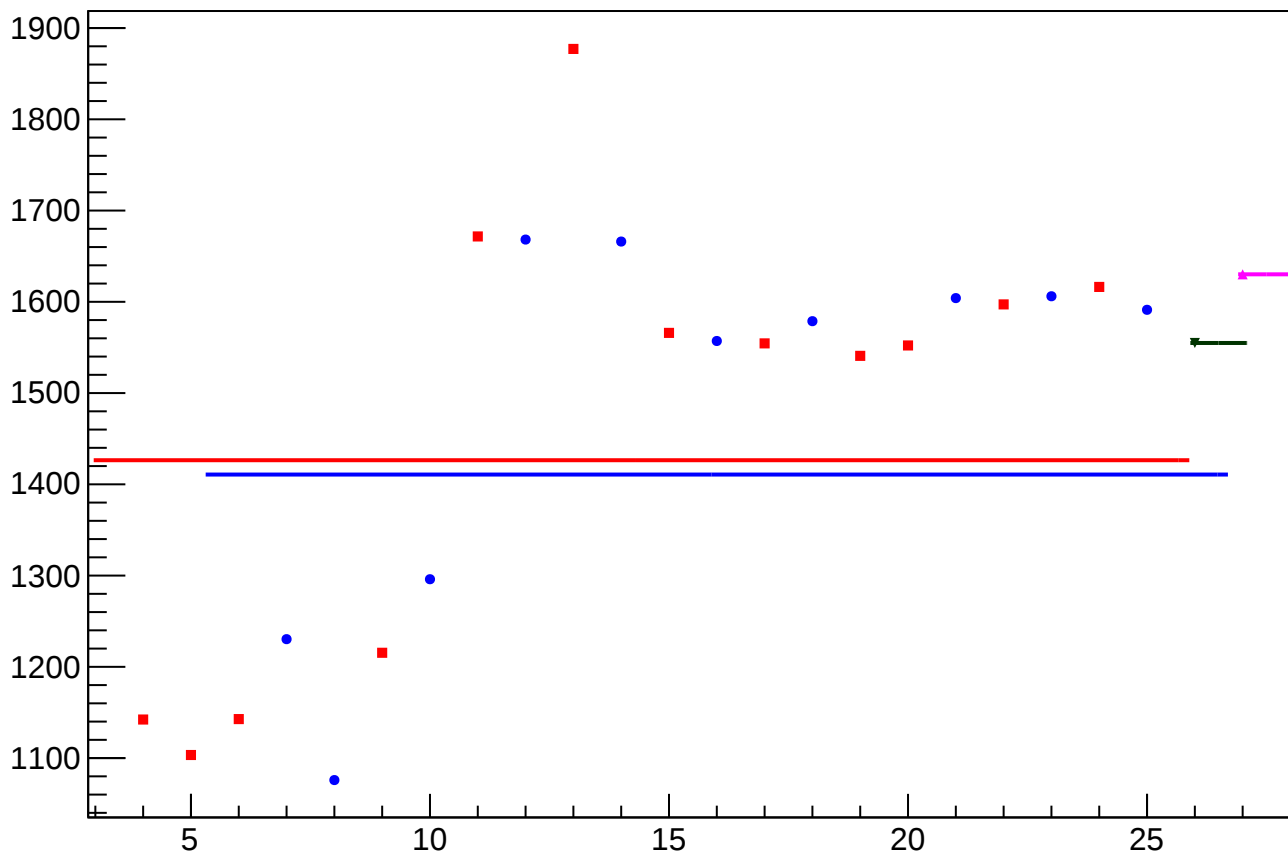
Right Out: -0.019 ± 0.573 χ^2/NDF : 9.8/11

Left In: -0.178 ± 1.761 χ^2/NDF : 0.0/0

-0.358 ± 0.547 χ^2/NDF : 13.1/10

-0.034 ± 0.545 χ^2/NDF : 9.8/12

diff_bpm16Y_rms vs slug



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

Left Out: 1554.899 $\pm$ 1.567 χ^2 /NDF: 0.0/0

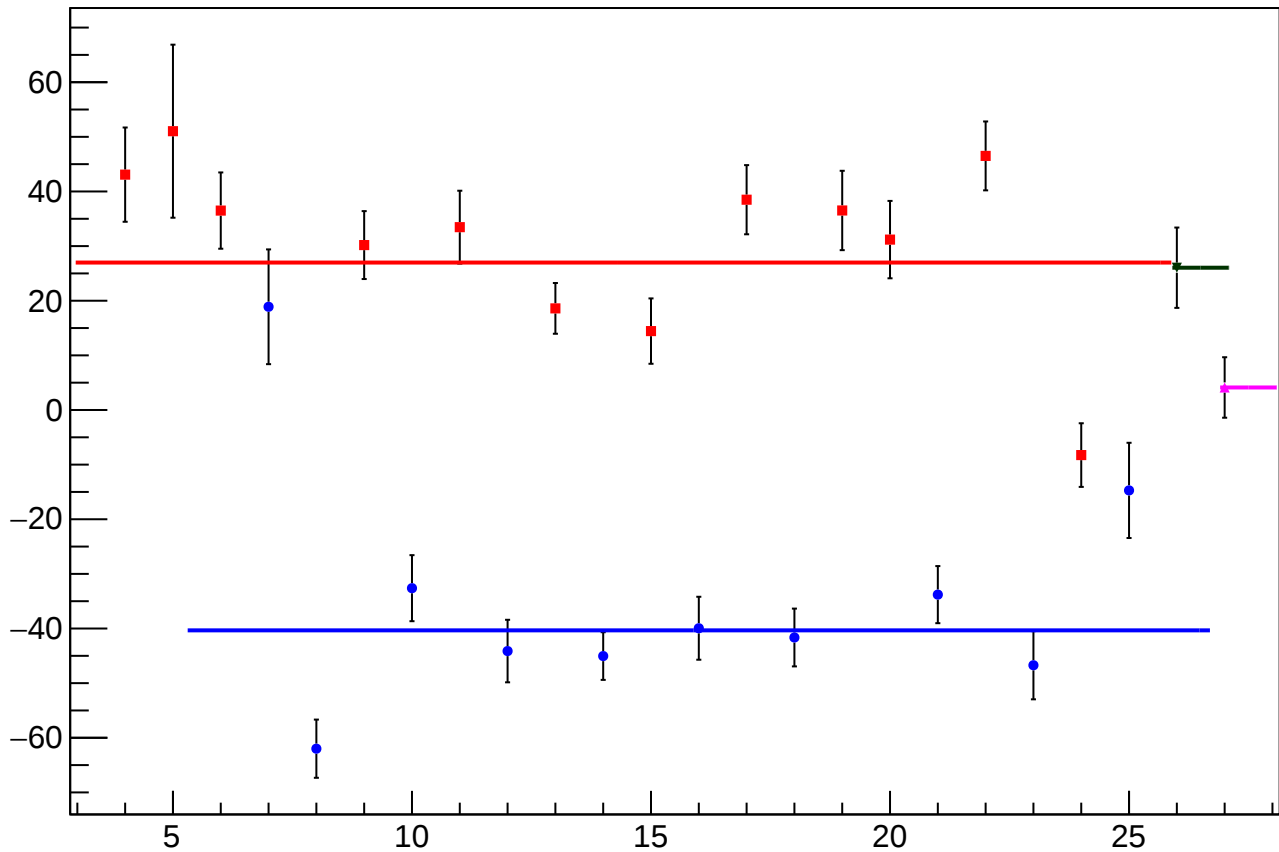
Right Out: 1426.417 $\pm$ 0.405 χ^2 /NDF: 374185.0/11

Left In: 1630.131 $\pm$ 1.245 χ^2 /NDF: 0.0/0

1419.504 $\pm$ 0.387 χ^2 /NDF: 354410.3/10

1445.919 $\pm$ 0.385 χ^2 /NDF: 398390.3/12

diff_bpm0l01X_mean vs slug



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

Left Out: 26.043 ± 7.352 $\chi^2/\text{NDF}: 0.0/0$

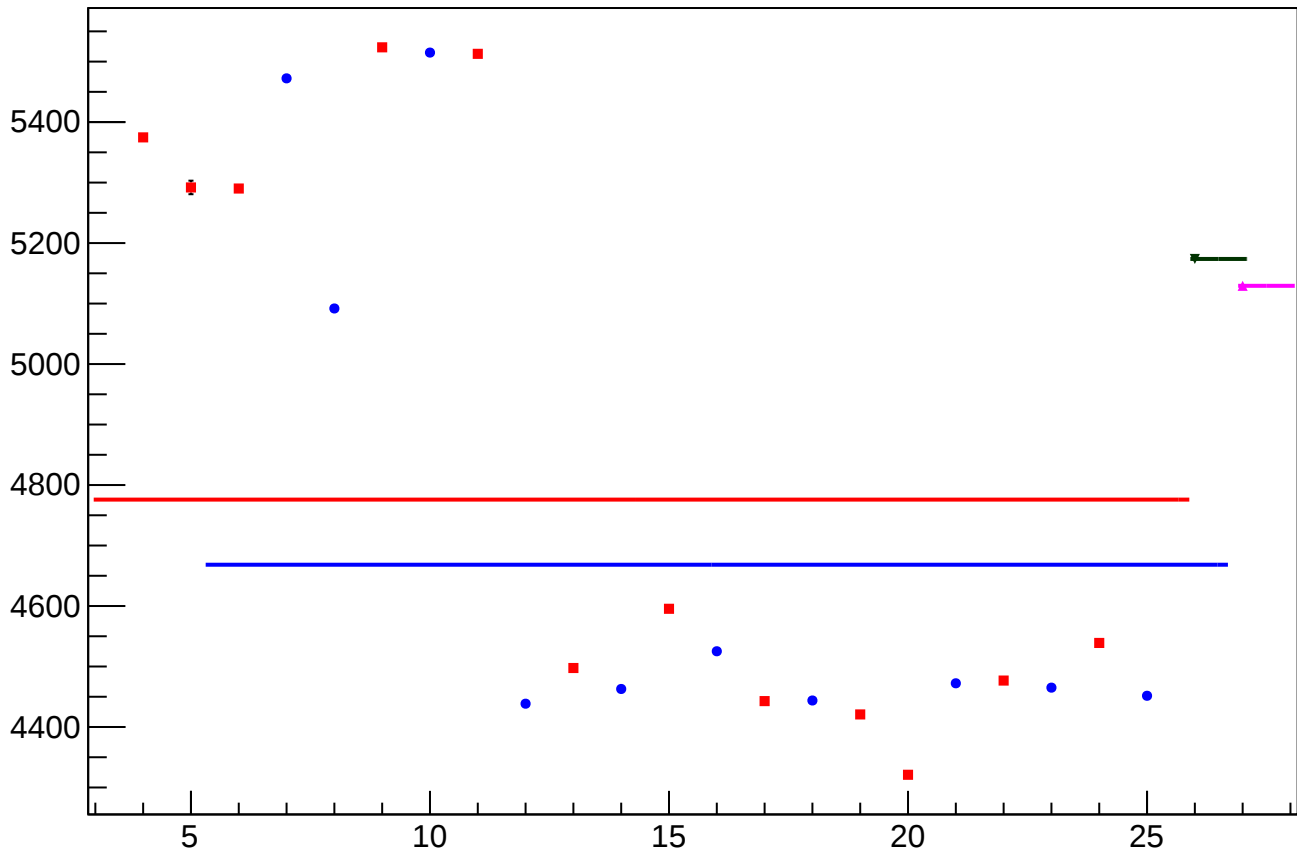
Right Out: 26.988 ± 1.893 $\chi^2/\text{NDF}: 68.1/11$

Left In: 4.121 ± 5.536 $\chi^2/\text{NDF}: 0.0/0$

-36.433 ± 1.783 $\chi^2/\text{NDF}: 139.6/10$

24.594 ± 1.791 $\chi^2/\text{NDF}: 83.4/12$

diff_bpm0l01X_rms vs slug



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

Left Out: 5173.746+/-5.199 χ^2/NDF : 0.0/0

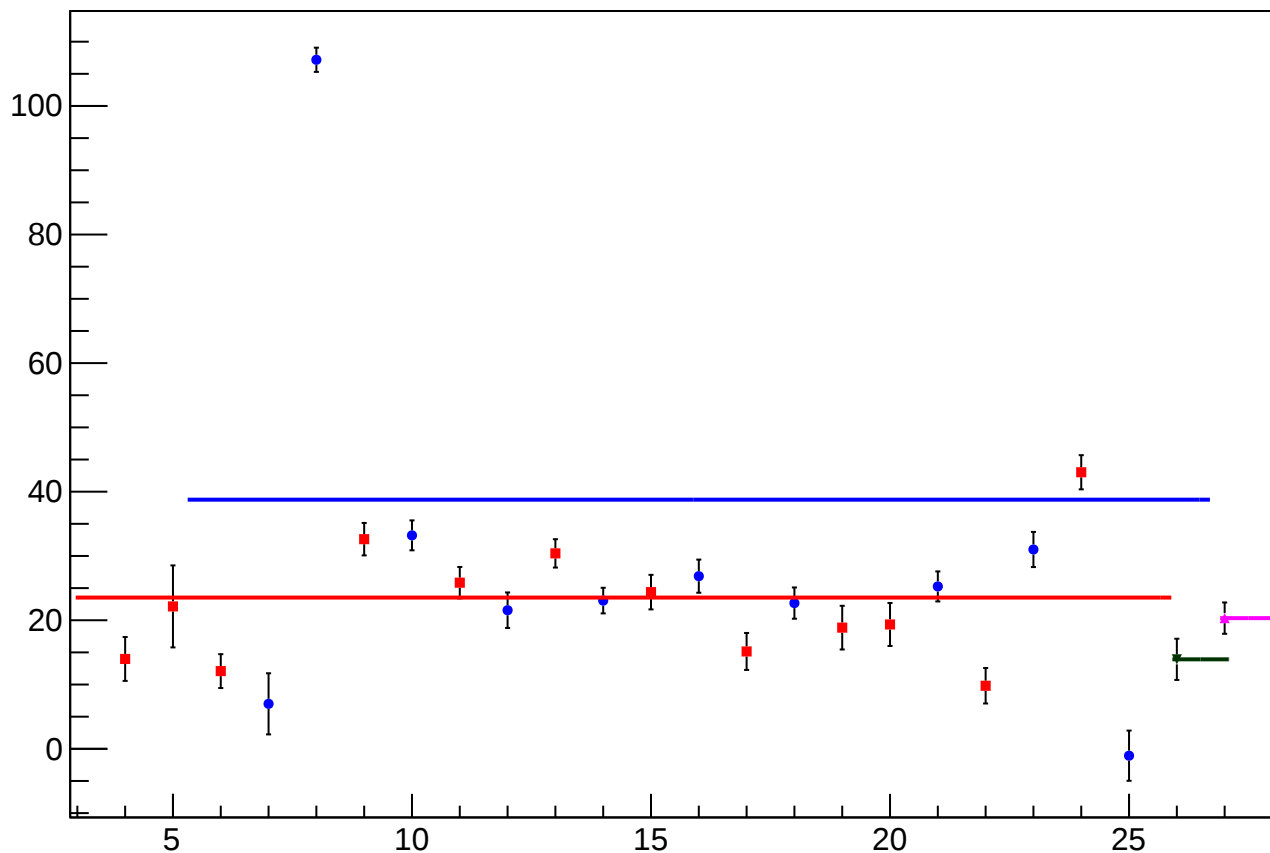
4697.990+/-1.261 χ^2/NDF : 91158.7/10

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

4812.914+/-1.267 χ^2/NDF : 118651.1/12

Left In: 5129.351+/-3.915 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs slug



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

Left Out: 13.921 ± 3.207 χ^2/NDF : 0.0/0

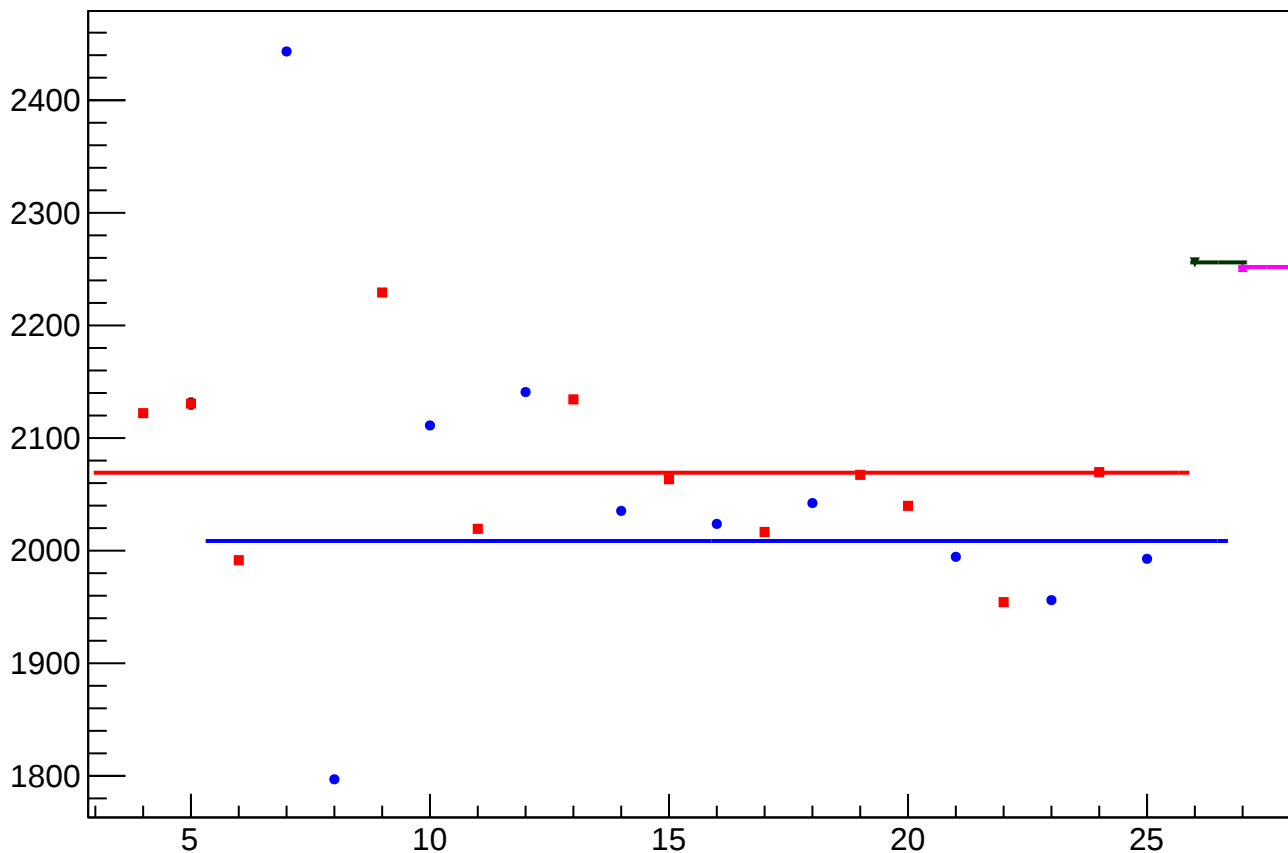
Right Out: 23.530 ± 0.818 χ^2/NDF : 140.9/11

Left In: 20.330 ± 2.435 χ^2/NDF : 0.0/0

37.330 ± 0.769 χ^2/NDF : 1737.1/10

23.205 ± 0.776 χ^2/NDF : 142.4/12

diff_bpm0l01Y_rms vs slug



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

Left Out: 2255.999+/-2.267 χ^2/NDF : 0.0/0

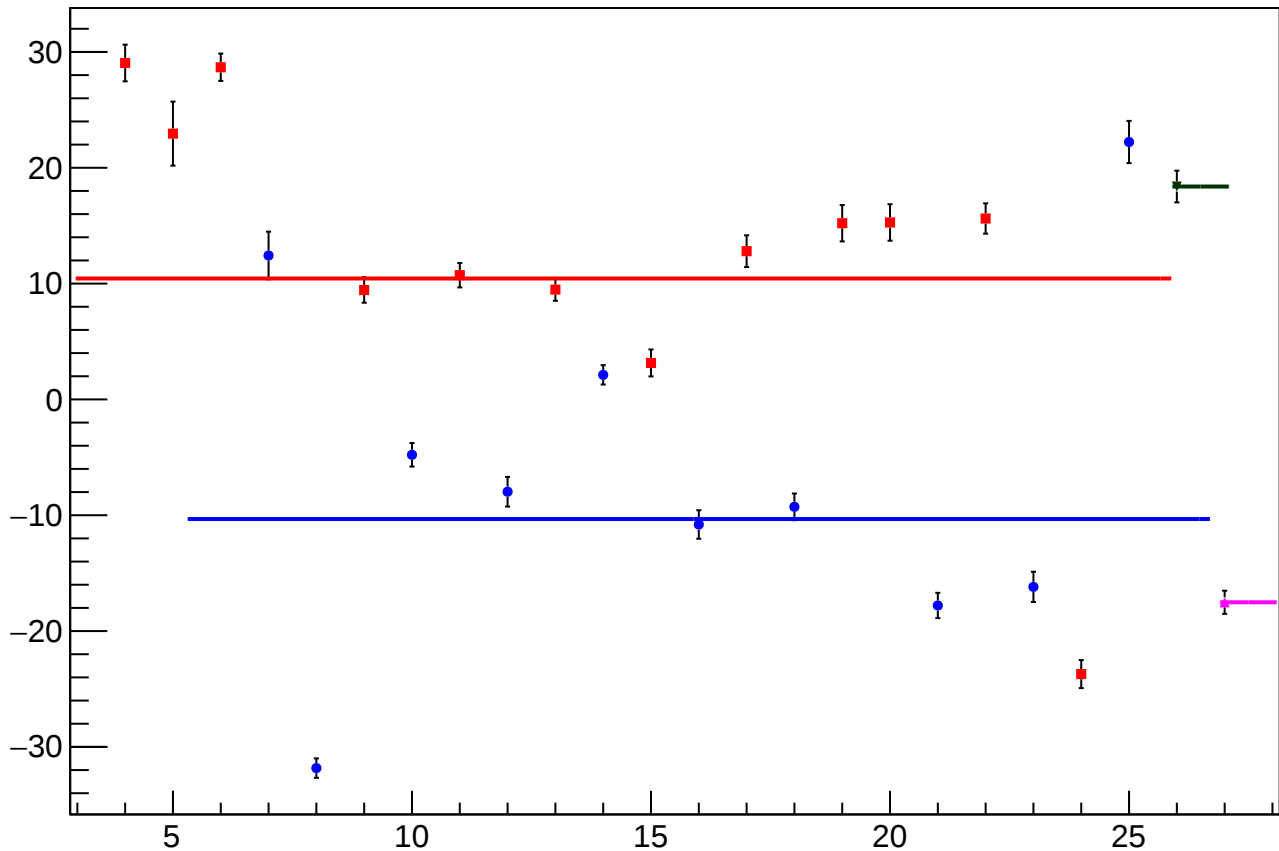
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 2251.926+/-1.722 χ^2/NDF : 0.0/0

2022.802+/-0.543 χ^2/NDF : 63301.4/10

2087.769+/-0.549 χ^2/NDF : 27430.5/12

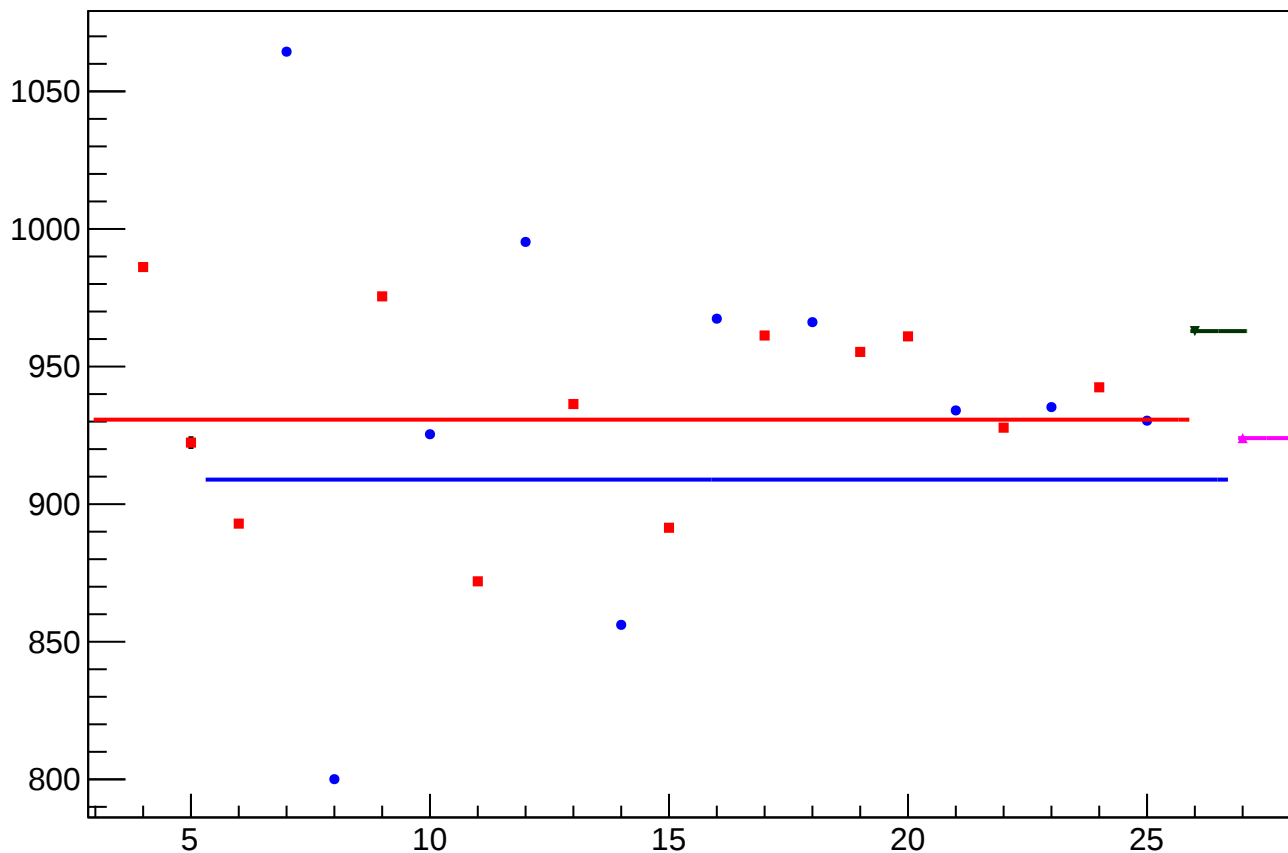
diff_bpm2i01X_mean vs slug



Right In: -10.326 ± 0.358 $\chi^2/\text{NDF}: 1420.3/9$
 Left Out: 18.382 ± 1.369 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 10.440 ± 0.368 $\chi^2/\text{NDF}: 1273.2/11$
 Left In: -17.515 ± 0.999 $\chi^2/\text{NDF}: 0.0/0$

-8.486 ± 0.346 $\chi^2/\text{NDF}: 1832.1/10$
 7.105 ± 0.345 $\chi^2/\text{NDF}: 1962.4/12$

diff_bpm2i01X_rms vs slug



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

Left Out: 962.886+/-0.968 χ^2/NDF : 0.0/0

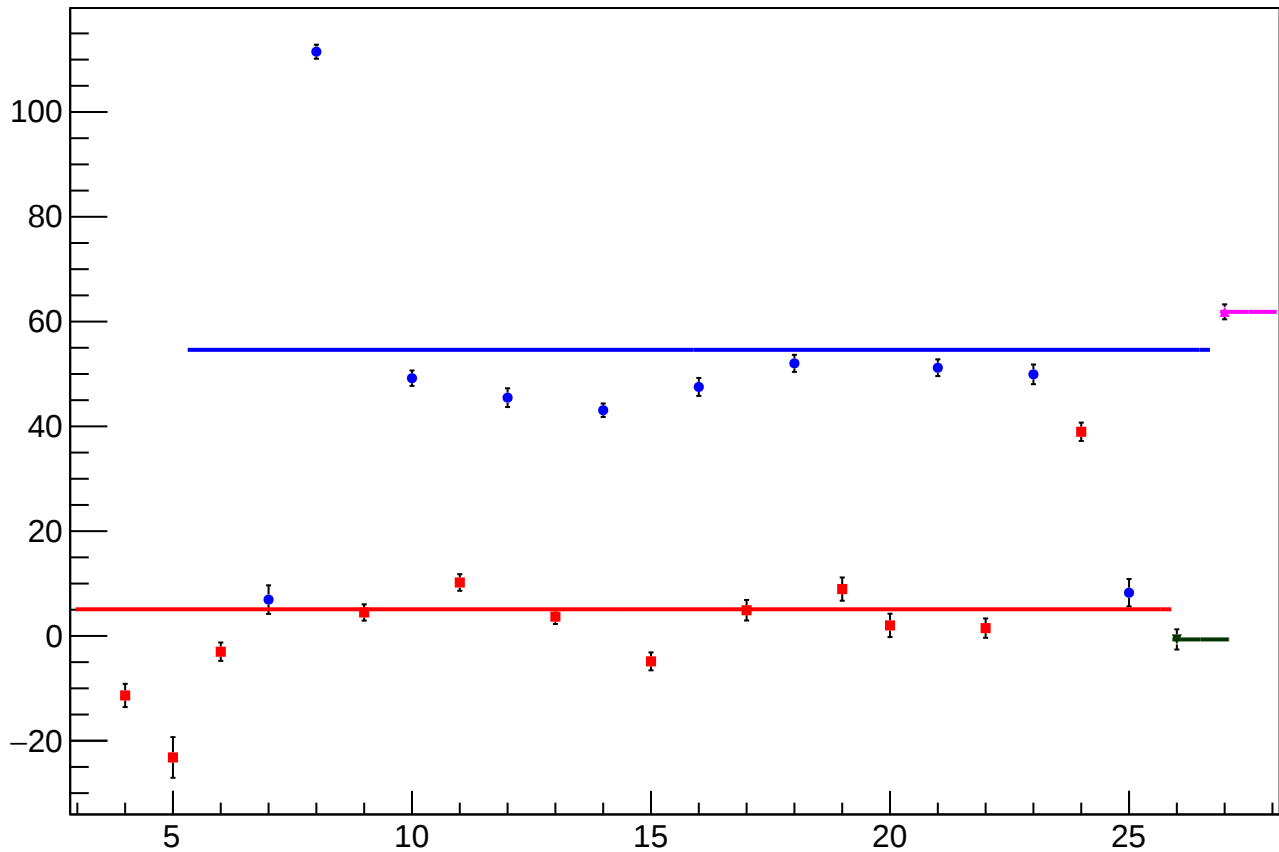
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 924.004+/-0.707 χ^2/NDF : 0.0/0

912.379+/-0.245 χ^2/NDF : 77141.8/10

929.906+/-0.244 χ^2/NDF : 18897.9/12

diff_bpm2i01Y_mean vs slug



Right In: 54.607 ± 0.526 χ^2/NDF : 2569.1/9

Left Out: -0.666 ± 1.927 χ^2/NDF : 0.0/0

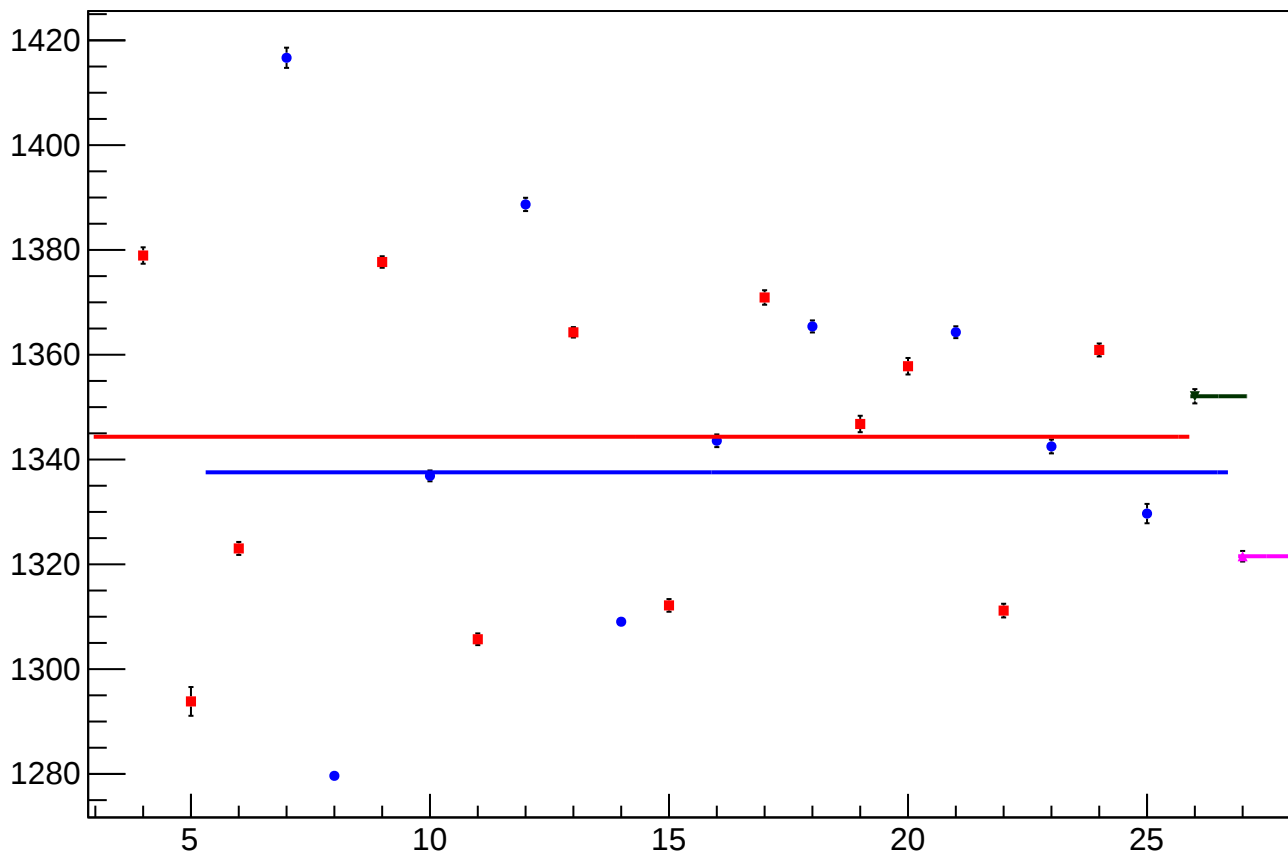
Right Out: 5.087 ± 0.532 χ^2/NDF : 559.1/11

Left In: 61.859 ± 1.429 χ^2/NDF : 0.0/0

50.773 ± 0.508 χ^2/NDF : 3334.6/10

11.988 ± 0.498 χ^2/NDF : 1945.1/12

diff_bpm2i01Y_rms vs slug



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

Left Out: 1352.075+/-1.363 χ^2/NDF : 0.0/0

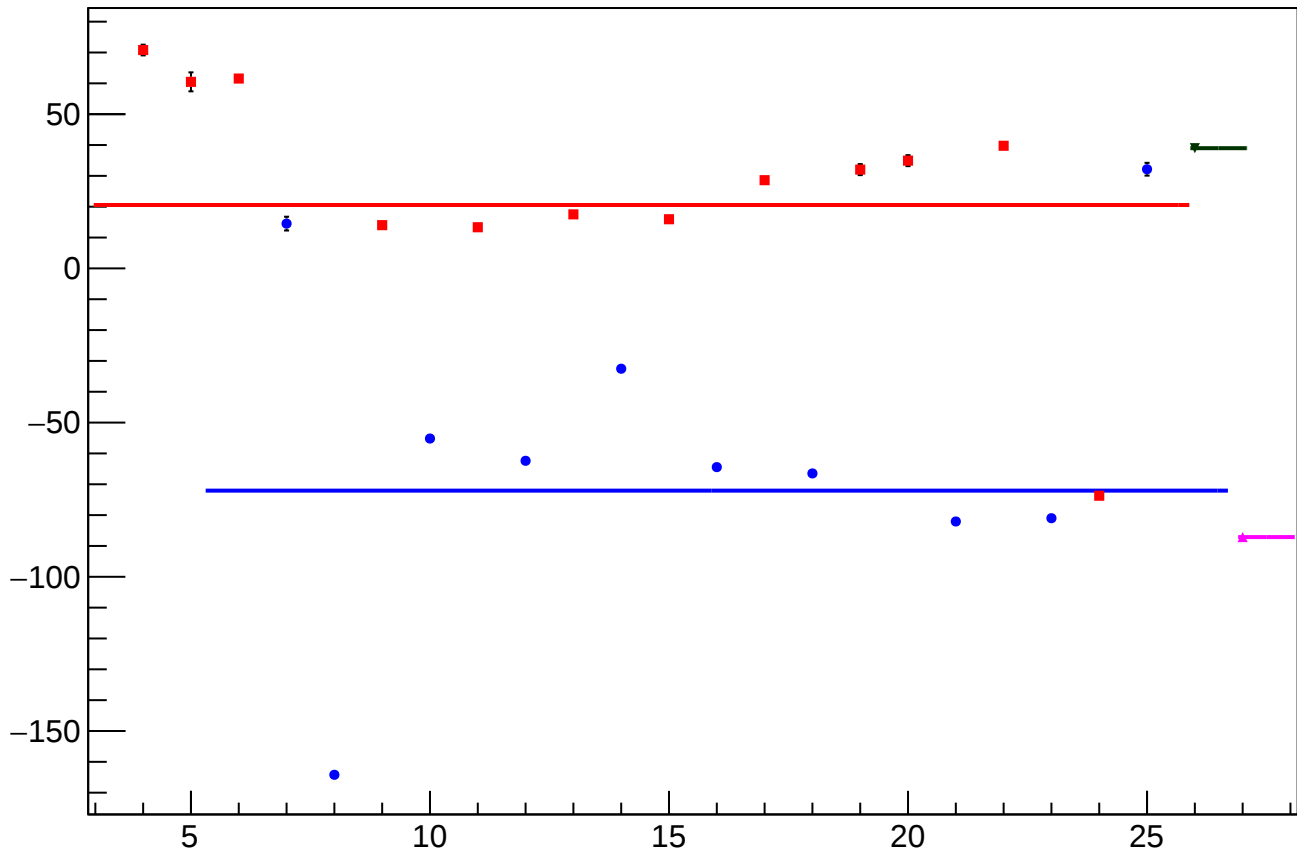
Right Out: 1344.349+/-0.376 χ^2/NDF : 5607.5/11

Left In: 1321.543+/-1.011 χ^2/NDF : 0.0/0

1338.567+/-0.359 χ^2/NDF : 9332.1/10

1341.576+/-0.352 χ^2/NDF : 6054.8/12

diff_bpm2i02X_mean vs slug



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

Left Out: 38.976 $\pm$ 1.549 χ^2 /NDF: 0.0/0

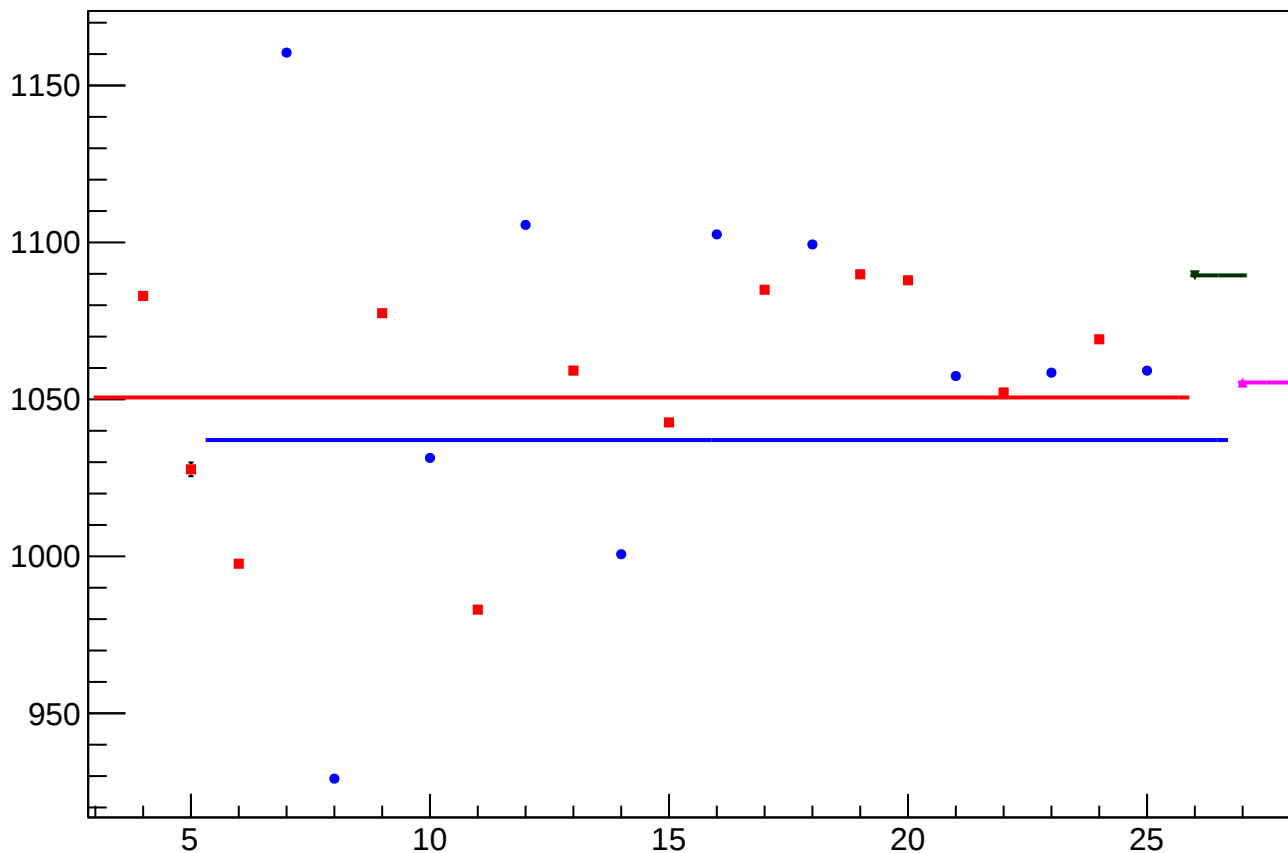
Right Out: 20.554 $\pm$ 0.415 χ^2 /NDF: 7076.4/11

Left In: -87.121 $\pm$ 1.141 χ^2 /NDF: 0.0/0

-64.854 $\pm$ 0.395 χ^2 /NDF: 19837.3/10

7.962 $\pm$ 0.390 χ^2 /NDF: 14946.3/12

diff_bpm2i02X_rms vs slug



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

Left Out: 1089.506 ± 1.095 χ^2/NDF : 0.0/0

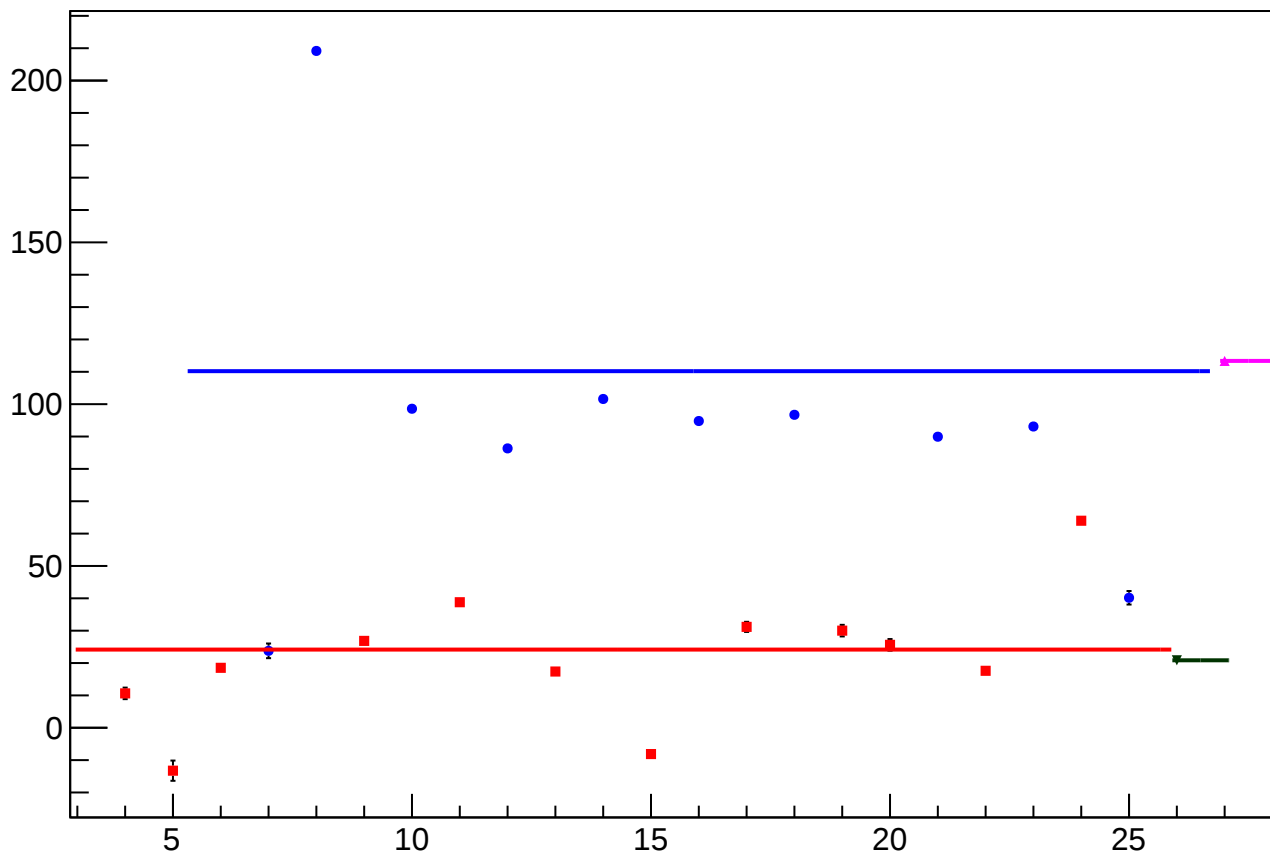
Right Out: 1050.613 ± 0.293 χ^2/NDF : 14851.7/11

Left In: 1055.386 ± 0.807 χ^2/NDF : 0.0/0

1040.454 ± 0.279 χ^2/NDF : 50297.3/10

1051.171 ± 0.276 χ^2/NDF : 14882.7/12

diff_bpm2i02Y_mean vs slug



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

Left Out: 20.847 $\pm$ 1.547 χ^2 /NDF: 0.0/0

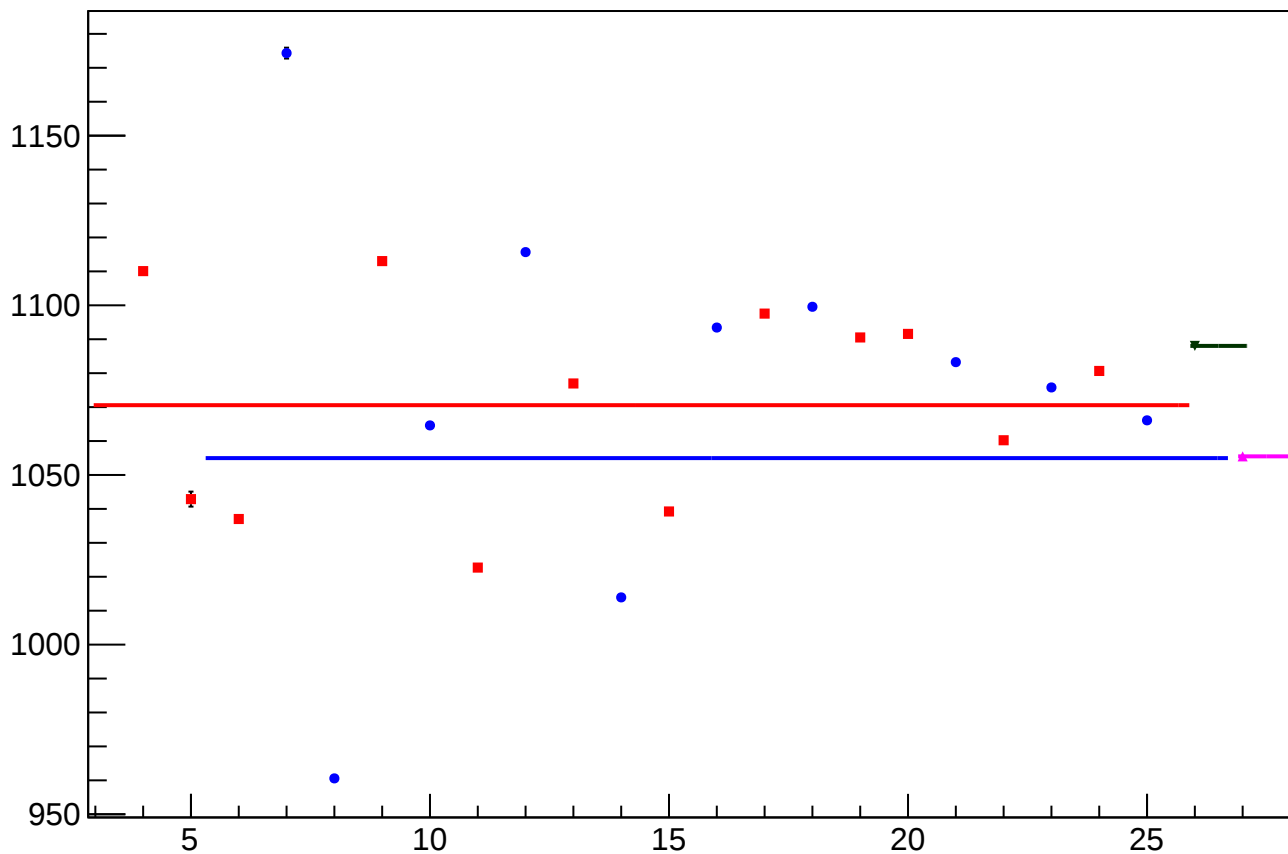
Right Out: 24.160 $\pm$ 0.423 χ^2 /NDF: 1842.7/11

Left In: 113.366 $\pm$ 1.141 χ^2 /NDF: 0.0/0

104.202 $\pm$ 0.401 χ^2 /NDF: 16415.0/10

34.945 $\pm$ 0.397 χ^2 /NDF: 7220.2/12

diff_bpm2i02Y_rms vs slug



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

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

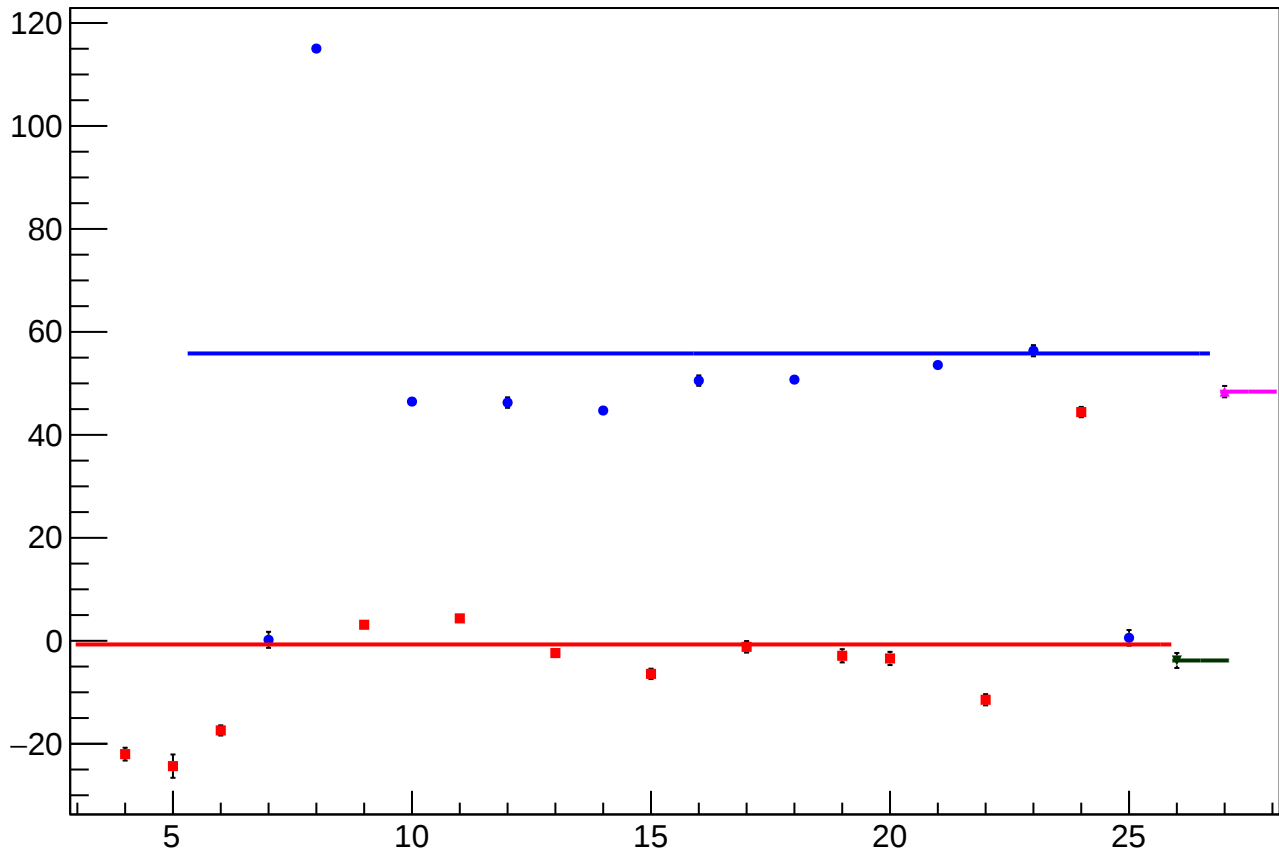
Right Out: 1057.188 +/- 0.283 χ^2 /NDF: 36391.3/10

Left In: 1055.485 +/- 0.807 χ^2 /NDF: 0.0/0

1057.188 +/- 0.283 χ^2 /NDF: 36391.3/10

1068.743 +/- 0.280 χ^2 /NDF: 10382.9/12

diff_bpm1i04X_mean vs slug



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

Left Out: -3.820 ± 1.461 χ^2/NDF : 0.0/0

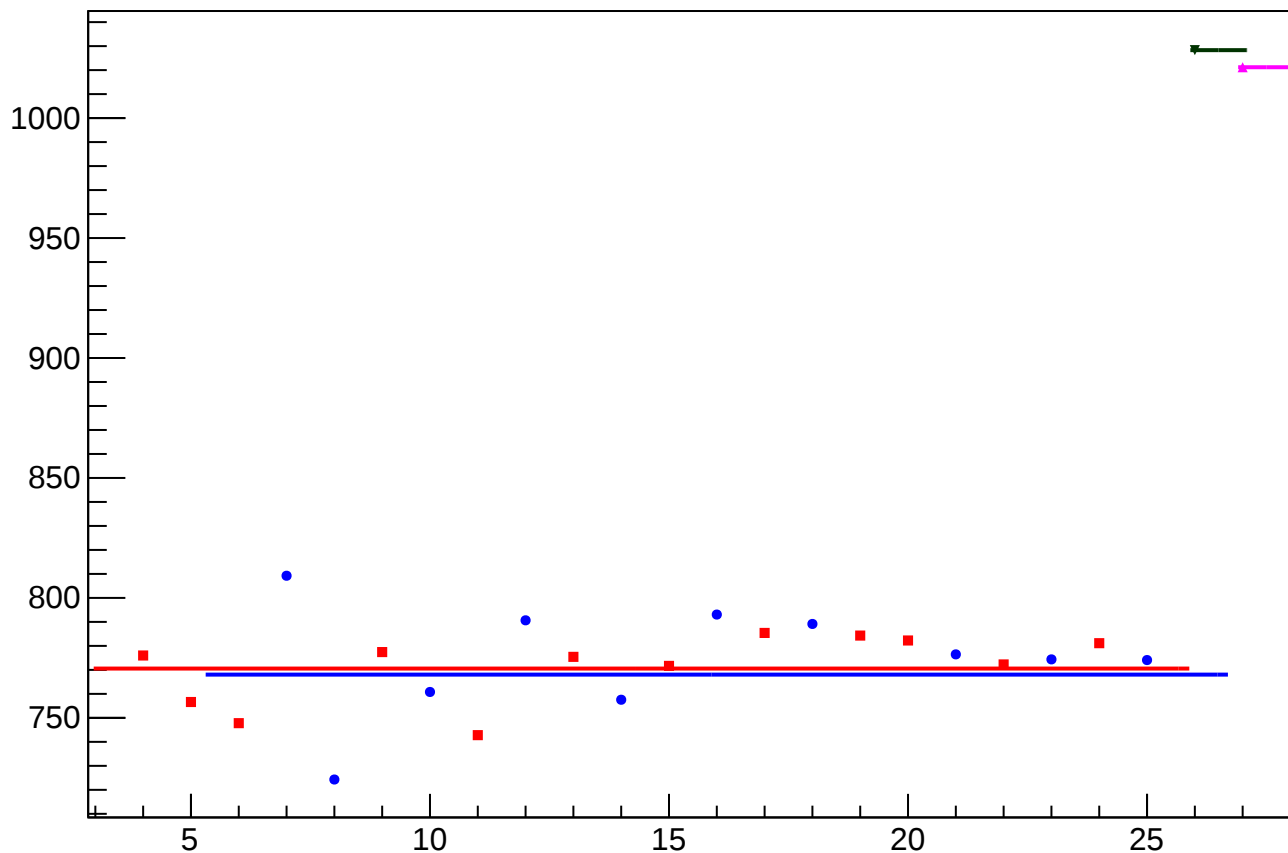
53.379 ± 0.295 χ^2/NDF : 10809.7/10

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

2.769 ± 0.293 χ^2/NDF : 4752.6/12

Left In: 48.401 ± 1.102 χ^2/NDF : 0.0/0

diff_bpm1i04X_rms vs slug



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

Left Out: 1028.319+/-1.033 χ^2/NDF : 0.0/0

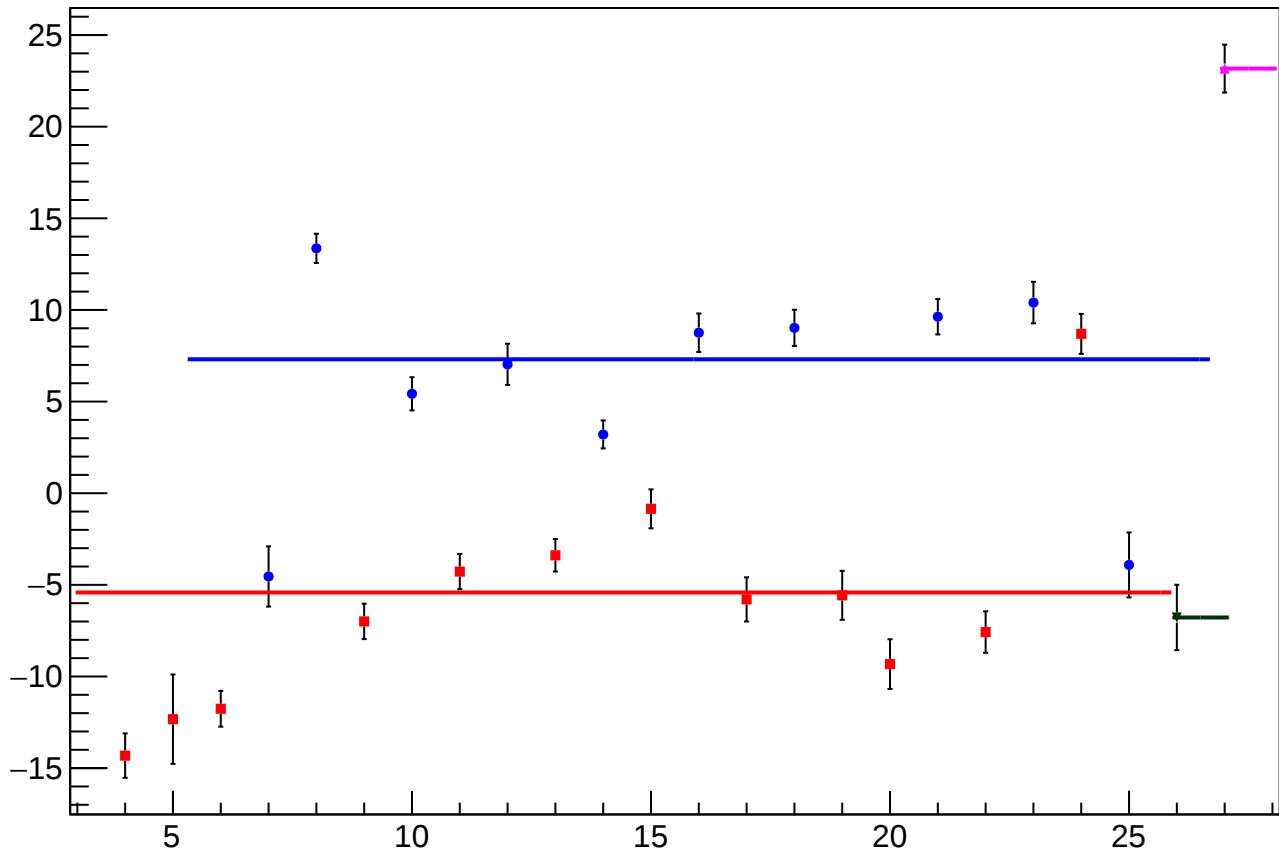
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 1021.196+/-0.779 χ^2/NDF : 0.0/0

778.659+/-0.209 χ^2/NDF : 72962.7/10

788.286+/-0.207 χ^2/NDF : 100370.0/12

diff_bpm1i04Y_mean vs slug



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

Left Out: -6.780 ± 1.784 χ^2/NDF : 0.0/0

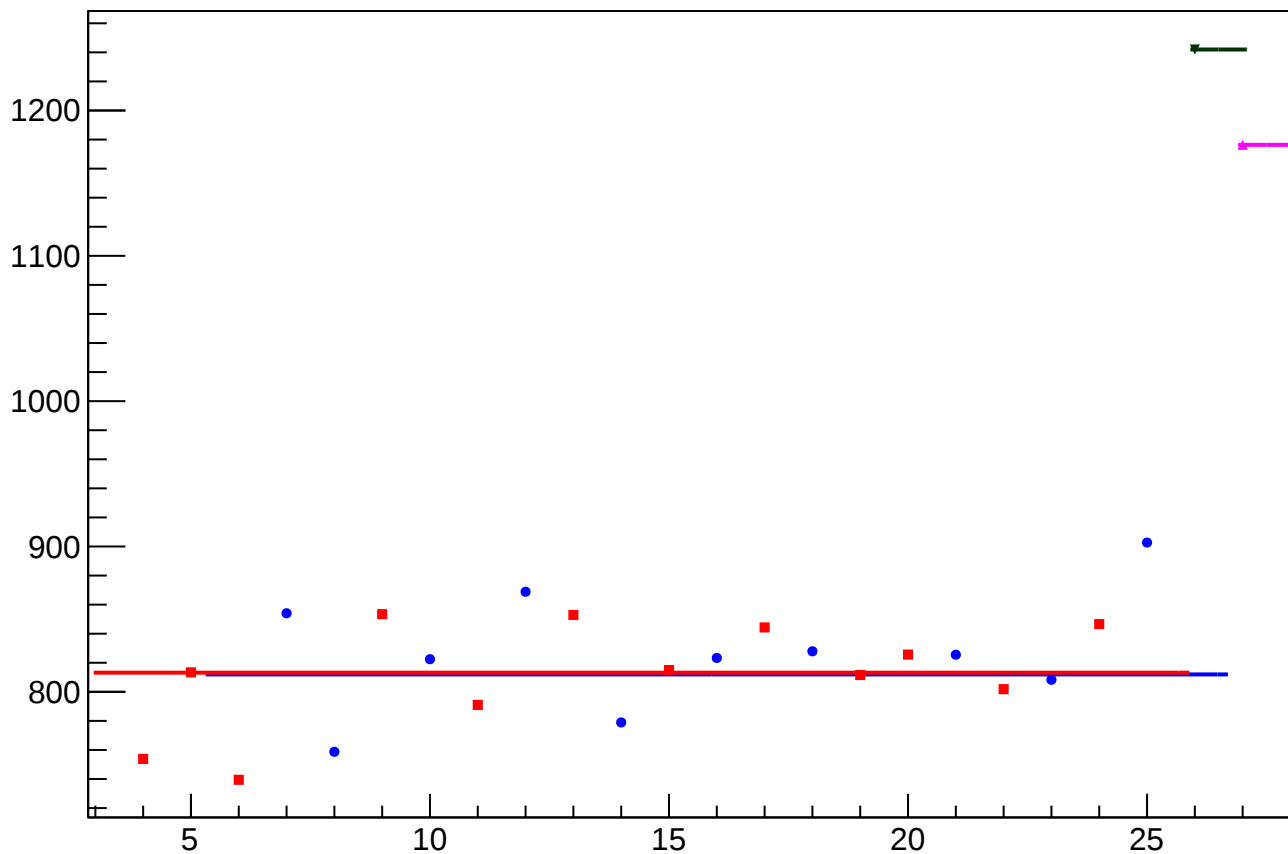
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 23.168 ± 1.305 χ^2/NDF : 0.0/0

6.868 ± 0.315 χ^2/NDF : 261.7/10

-3.774 ± 0.313 χ^2/NDF : 763.4/12

diff_bpm1i04Y_rms vs slug



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

Left Out: 1241.966 $\pm$ 1.261 χ^2 /NDF: 0.0/0

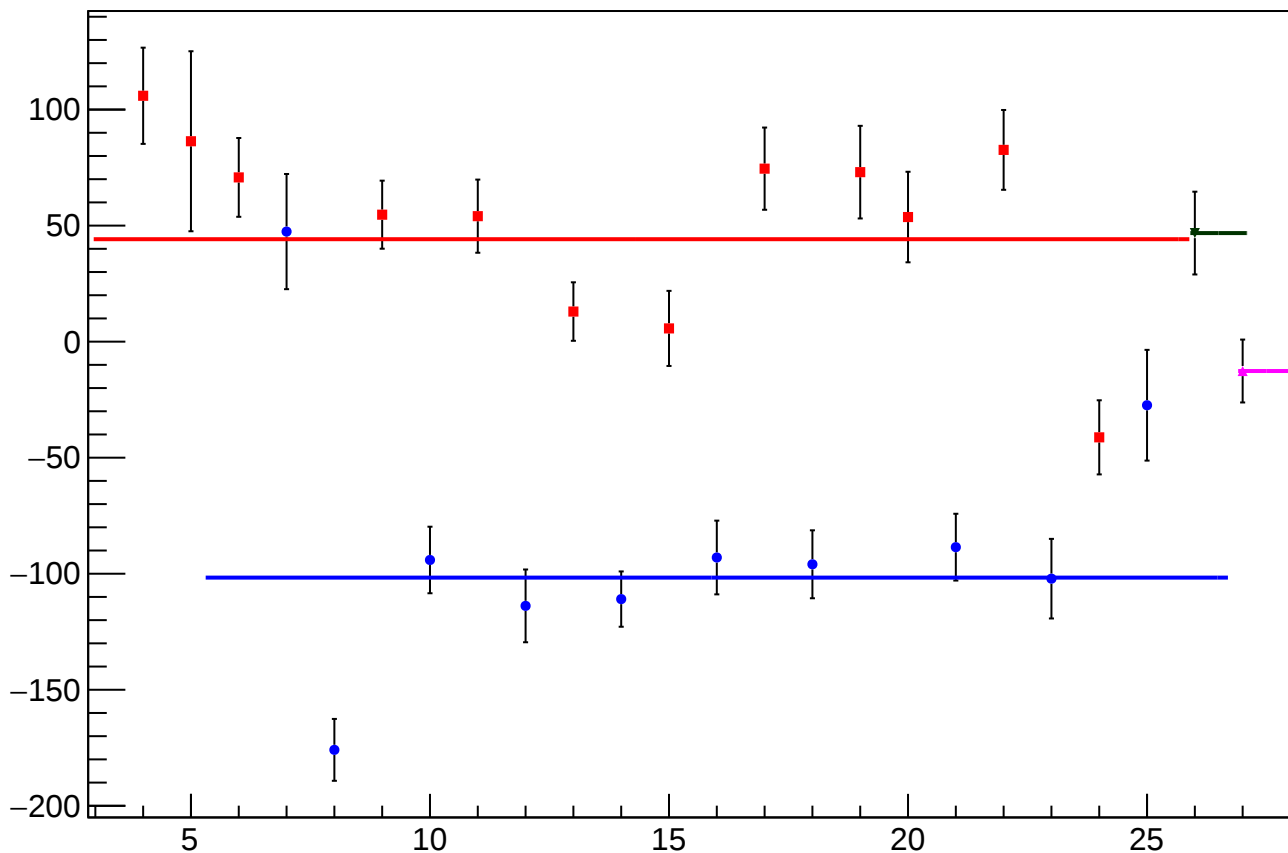
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

Left In: 1176.377 $\pm$ 0.923 χ^2 /NDF: 0.0/0

825.365 $\pm$ 0.223 χ^2 /NDF: 138400.2/10

834.049 $\pm$ 0.221 χ^2 /NDF: 174246.0/12

diff_bpm0l02X_mean vs slug



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

Left Out: 46.782 $\pm$ 17.835 χ^2/NDF : 0.0/0

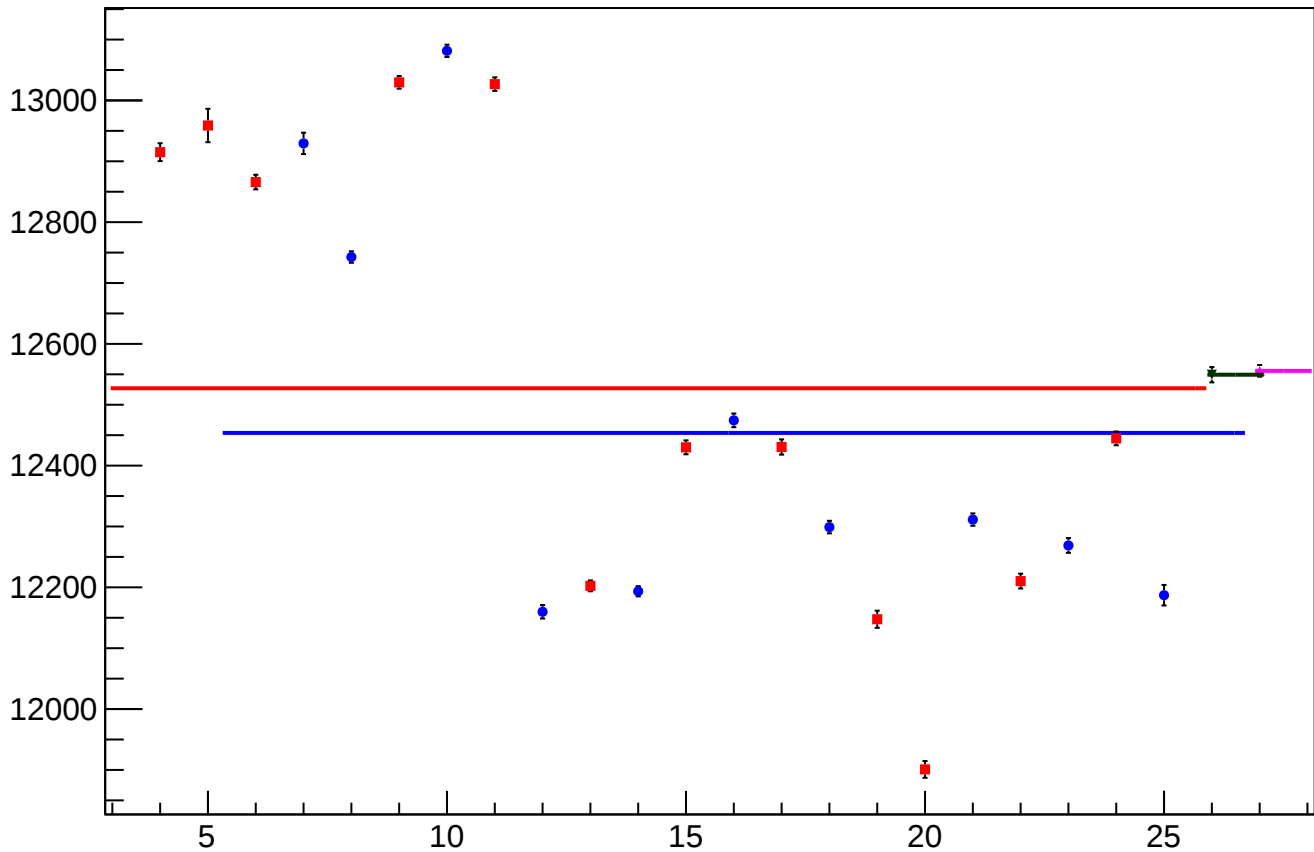
Right Out: 44.144 $\pm$ 4.946 χ^2/NDF : 64.1/11

Left In: -12.656 $\pm$ 13.550 χ^2/NDF : 0.0/0

-91.297 $\pm$ 4.715 χ^2/NDF : 144.0/10

37.466 $\pm$ 4.646 χ^2/NDF : 79.6/12

diff_bpm0l02X_rms vs slug



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

Left Out: 12549.355 ± 12.611 χ^2/NDF : 0.0/0

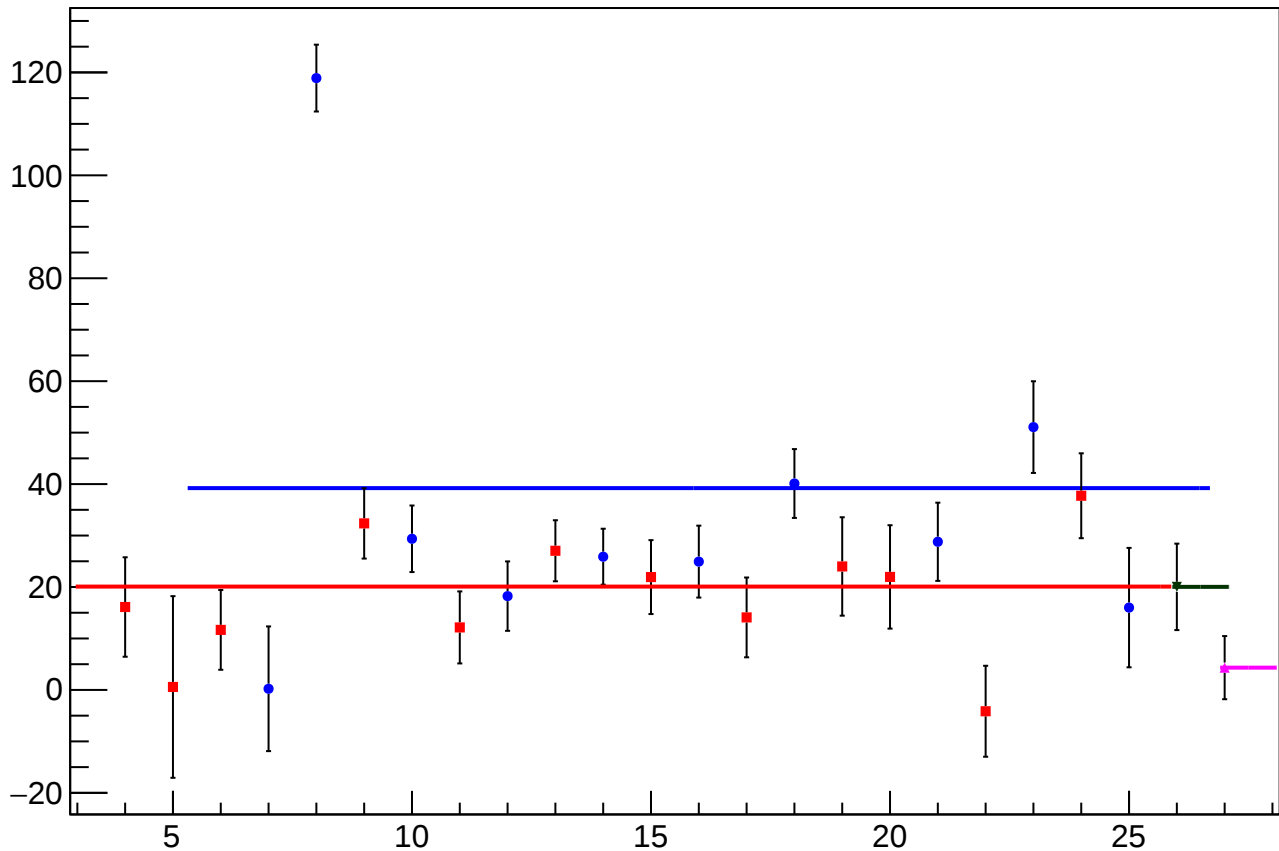
Right Out: 12527.068 ± 3.497 χ^2/NDF : 11080.0/11

Left In: 12555.705 ± 9.581 χ^2/NDF : 0.0/0

12460.410 ± 3.334 χ^2/NDF : 8123.8/10

12530.434 ± 3.285 χ^2/NDF : 11087.8/12

diff_bpm0l02Y_mean vs slug



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

Left Out: 20.029+/-8.398 χ^2 /NDF:0.0/0

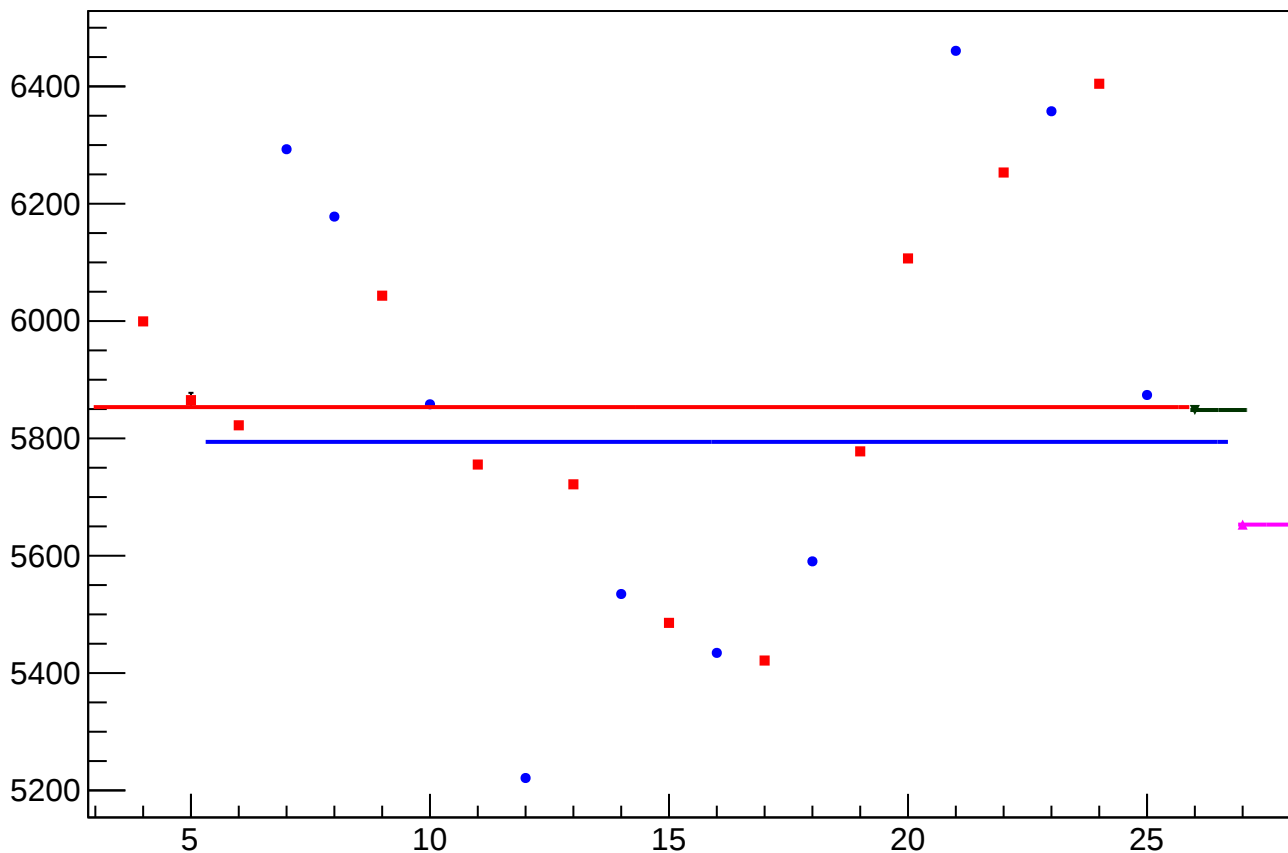
Right Out: 20.083+/-2.324 χ^2 /NDF: 21.4/11

Left In: 4.331+/-6.136 χ^2 /NDF:0.0/0

37.888+/-2.211 χ^2 /NDF: 195.6/10

18.107+/-2.173 χ^2 /NDF: 27.2/12

diff_bpm0l02Y_rms vs slug



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

Left Out: 5848.392+/-5.939 χ^2/NDF : 0.0/0

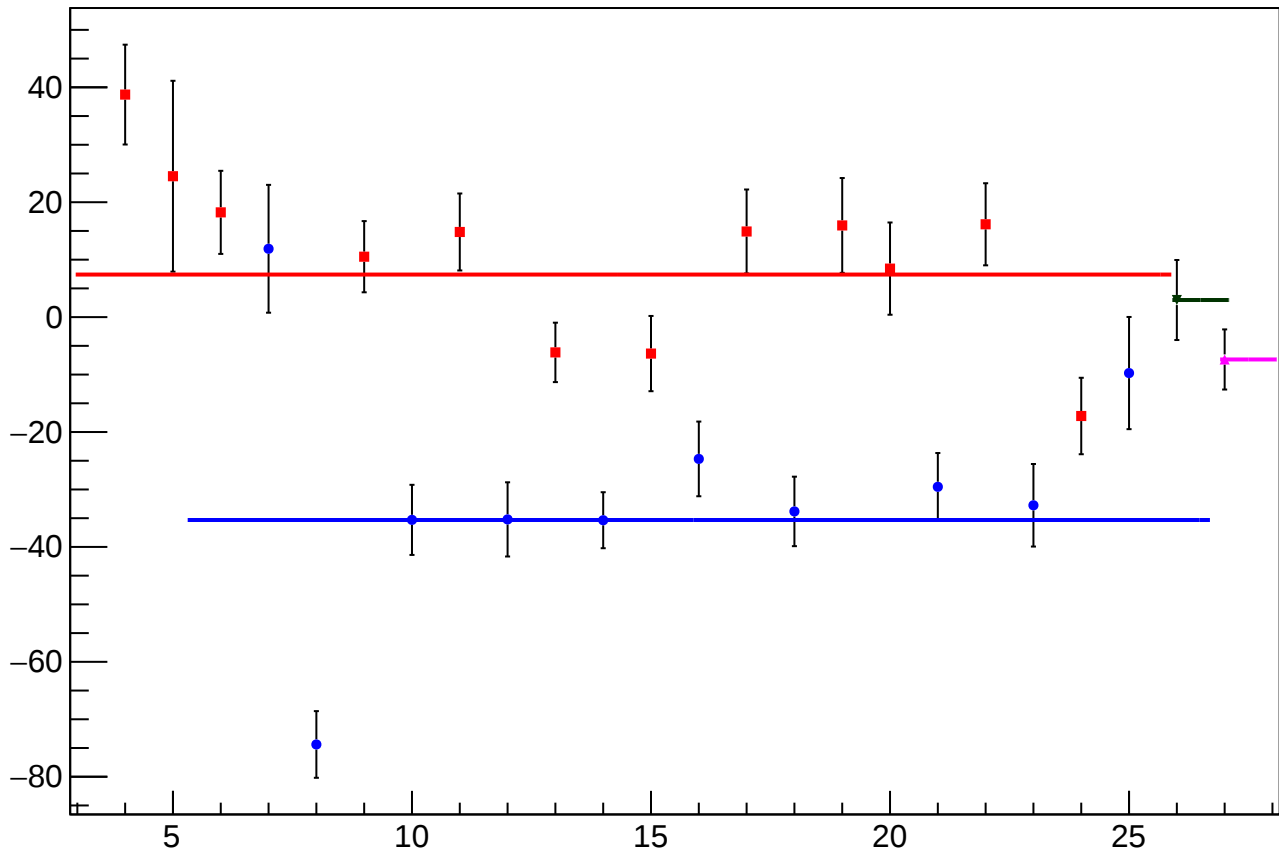
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 5653.049+/-4.339 χ^2/NDF : 0.0/0

5797.835+/-1.563 χ^2/NDF : 60287.1/10

5828.214+/-1.537 χ^2/NDF : 31146.4/12

diff_bpm0l03X_mean vs slug



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

Left Out: 2.979 ± 6.965 χ^2/NDF : 0.0/0

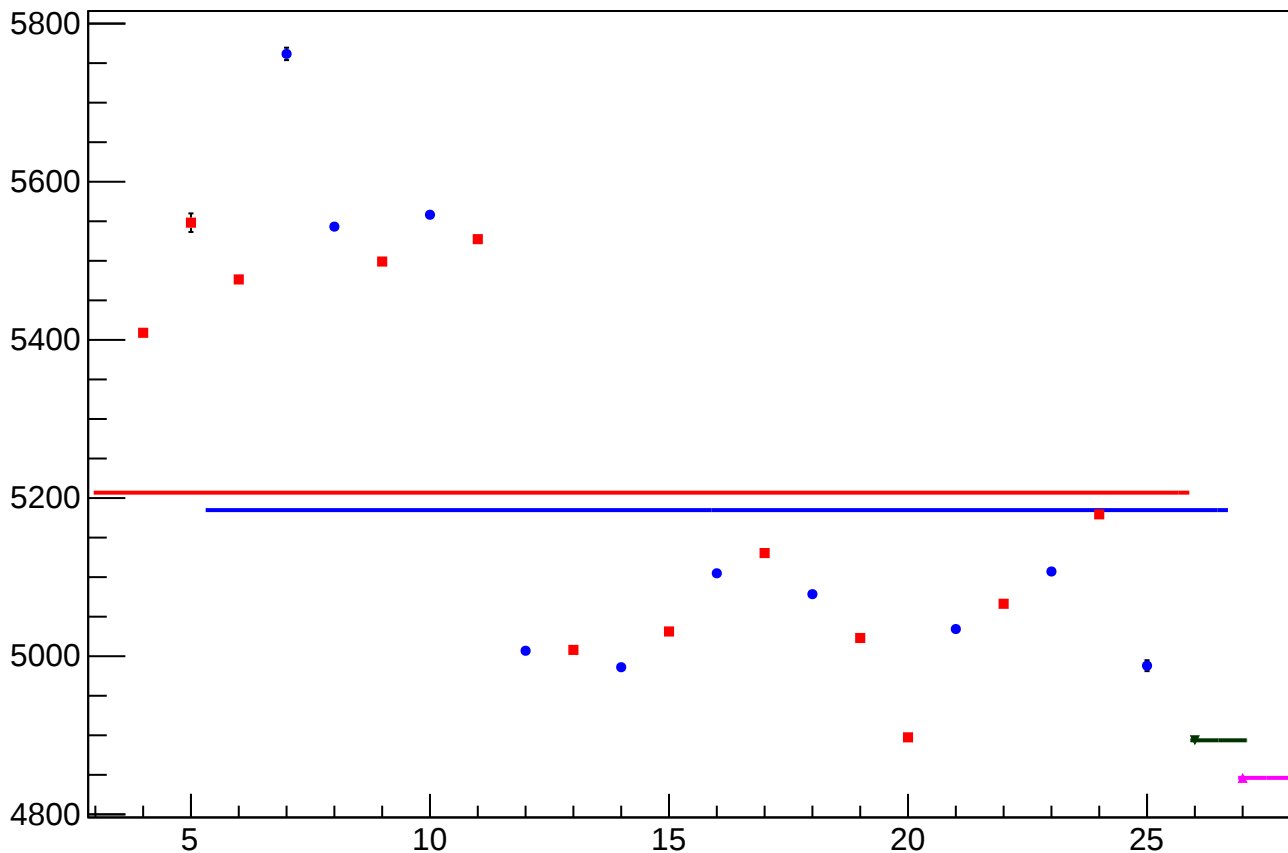
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

Left In: -7.371 ± 5.233 χ^2/NDF : 0.0/0

-32.290 ± 1.957 χ^2/NDF : 101.9/10

5.429 ± 1.915 χ^2/NDF : 53.3/12

diff_bpm0l03X_rms vs slug



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

Left Out: 4893.671+/-4.925 χ^2/NDF : 0.0/0

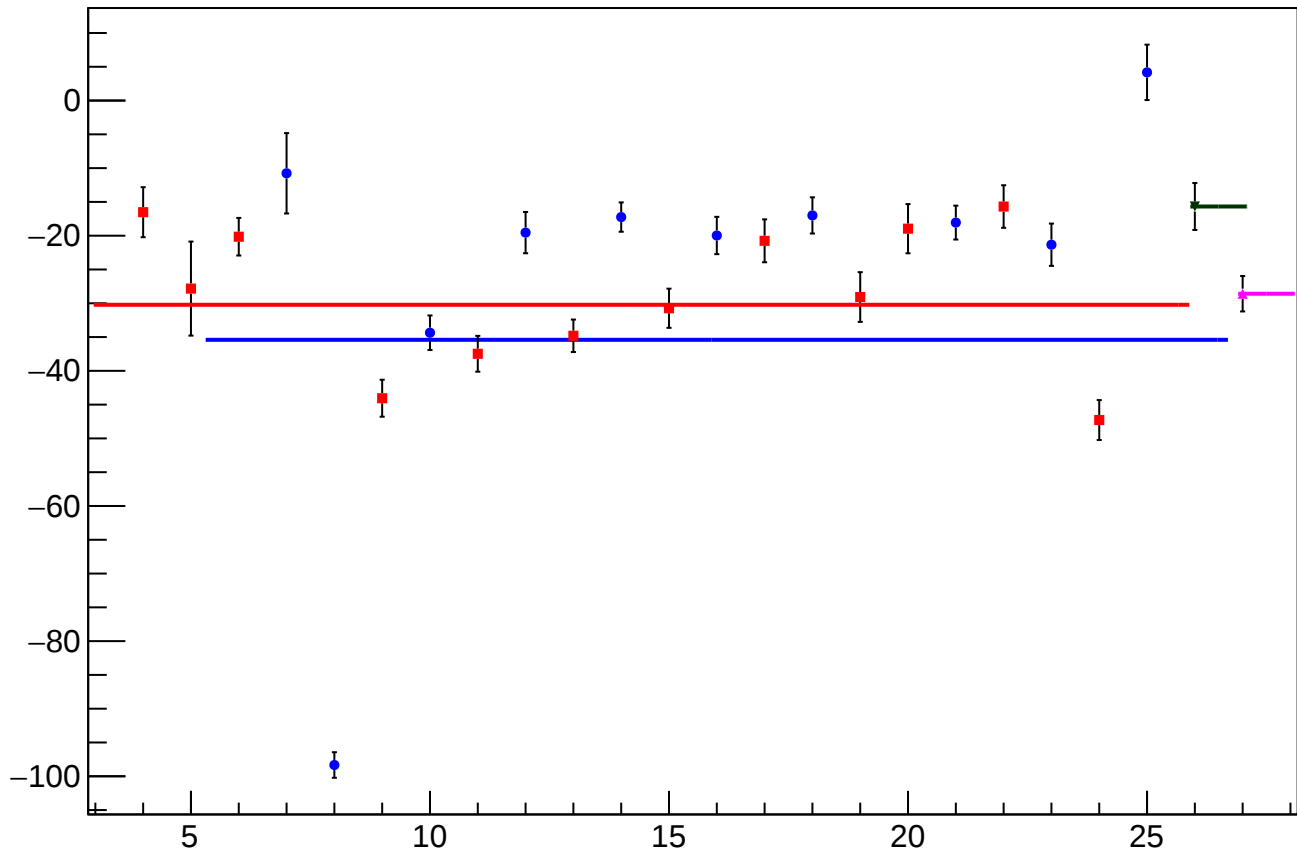
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4846.164+/-3.700 χ^2/NDF : 0.0/0

5161.779+/-1.384 χ^2/NDF : 31832.1/10

5158.527+/-1.354 χ^2/NDF : 31350.1/12

diff_bpm0l03Y_mean vs slug



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

Left Out: -15.678 ± 3.472 χ^2/NDF : 0.0/0

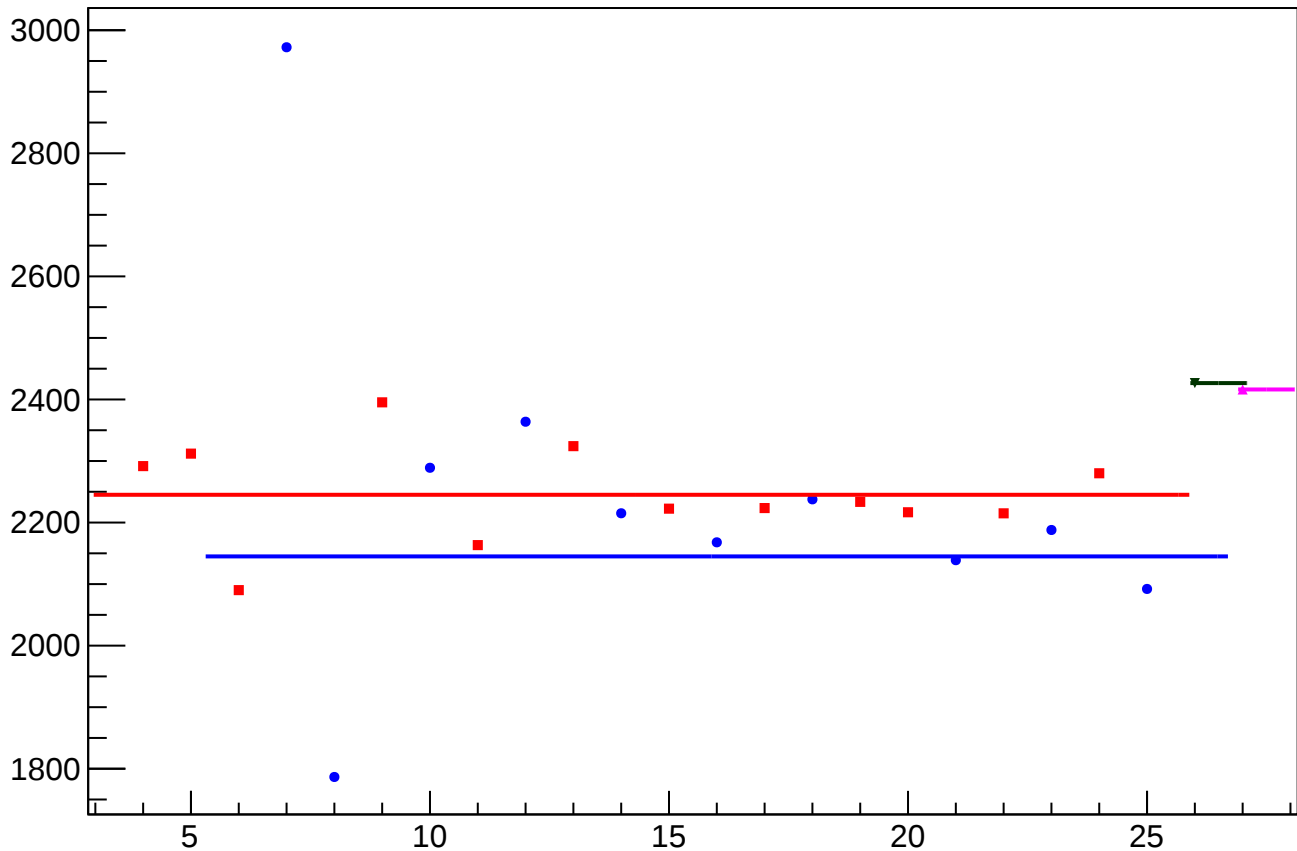
Right Out: -30.222 ± 0.893 χ^2/NDF : 136.9/11

Left In: -28.588 ± 2.620 χ^2/NDF : 0.0/0

-34.281 ± 0.829 χ^2/NDF : 1489.7/10

-30.052 ± 0.845 χ^2/NDF : 137.2/12

diff_bpm0l03Y_rms vs slug



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

Left Out: 2426.624+/-2.455 χ^2/NDF : 0.0/0

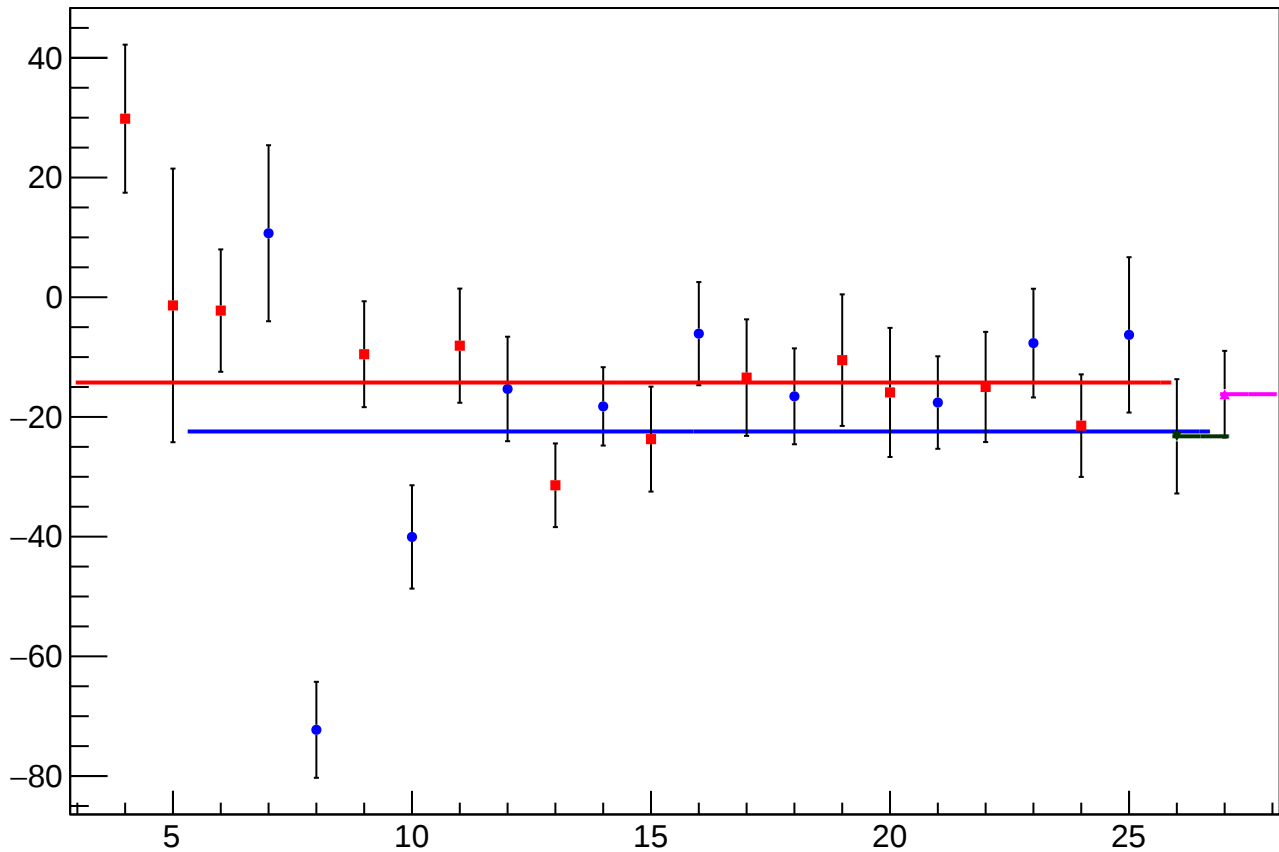
2161.053+/-0.586 χ^2/NDF : 144776.2/10

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

2262.910+/-0.597 χ^2/NDF : 25257.3/12

Left In: 2416.252+/-1.853 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs slug



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

Left Out: -23.240 $\pm$ 9.549 χ^2 /NDF: 0.0/0

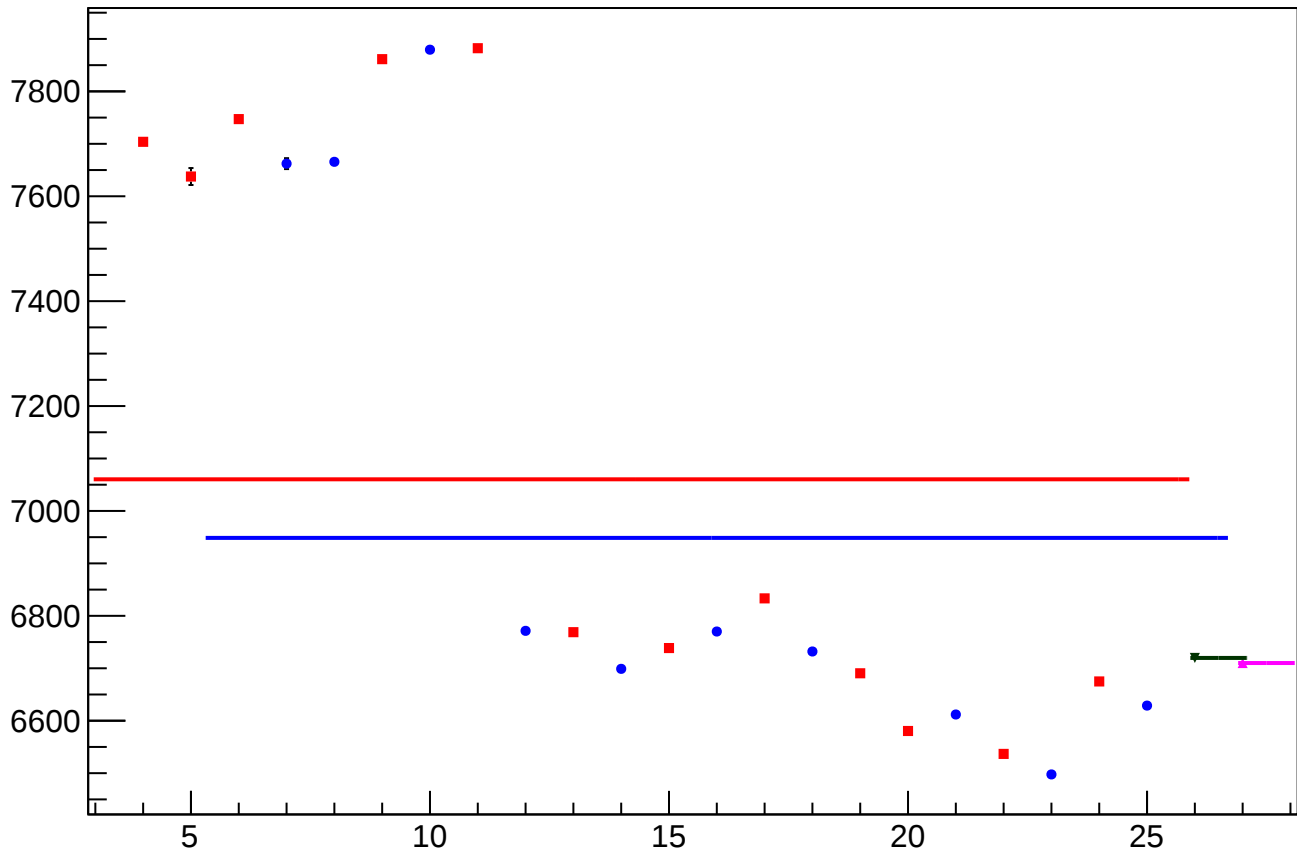
Right Out: -14.248 $\pm$ 2.794 χ^2 /NDF: 23.2/11

Left In: -16.198 $\pm$ 7.241 χ^2 /NDF: 0.0/0

-22.490 $\pm$ 2.628 χ^2 /NDF: 57.7/10

-14.501 $\pm$ 2.607 χ^2 /NDF: 23.2/12

diff_bpm0l04X_rms vs slug



Right In: 6948.614 $\pm$ 1.933 χ^2 /NDF: 59940.1/9

Left Out: 6719.723 $\pm$ 6.752 χ^2 /NDF: 0.0/0

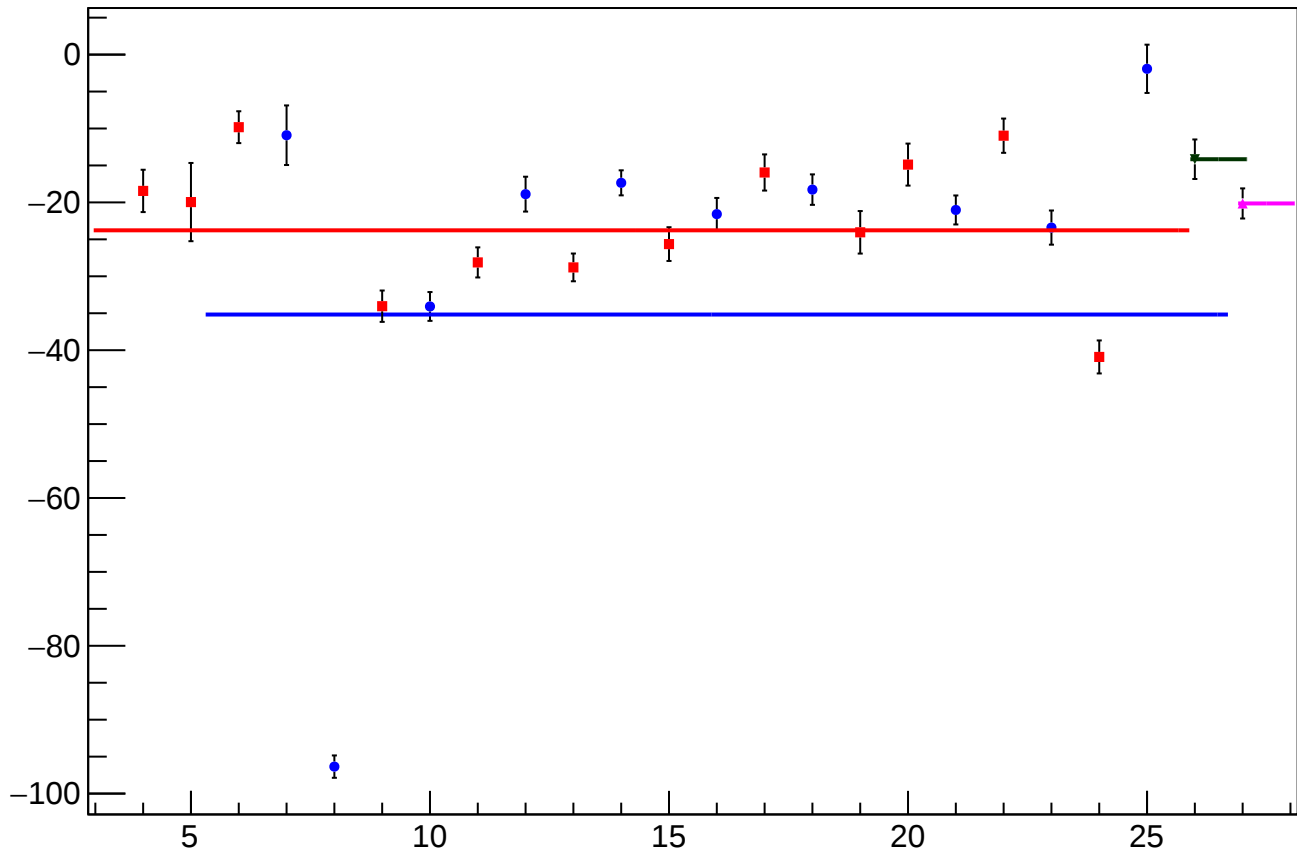
Right Out: 7060.304 $\pm$ 1.976 χ^2 /NDF: 70982.1/11

Left In: 6710.009 $\pm$ 5.120 χ^2 /NDF: 0.0/0

6931.284 $\pm$ 1.858 χ^2 /NDF: 61002.2/10

7014.910 $\pm$ 1.843 χ^2 /NDF: 75056.6/12

diff_bpm0l04Y_mean vs slug



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

Left Out: -14.158 ± 2.674 χ^2/NDF : 0.0/0

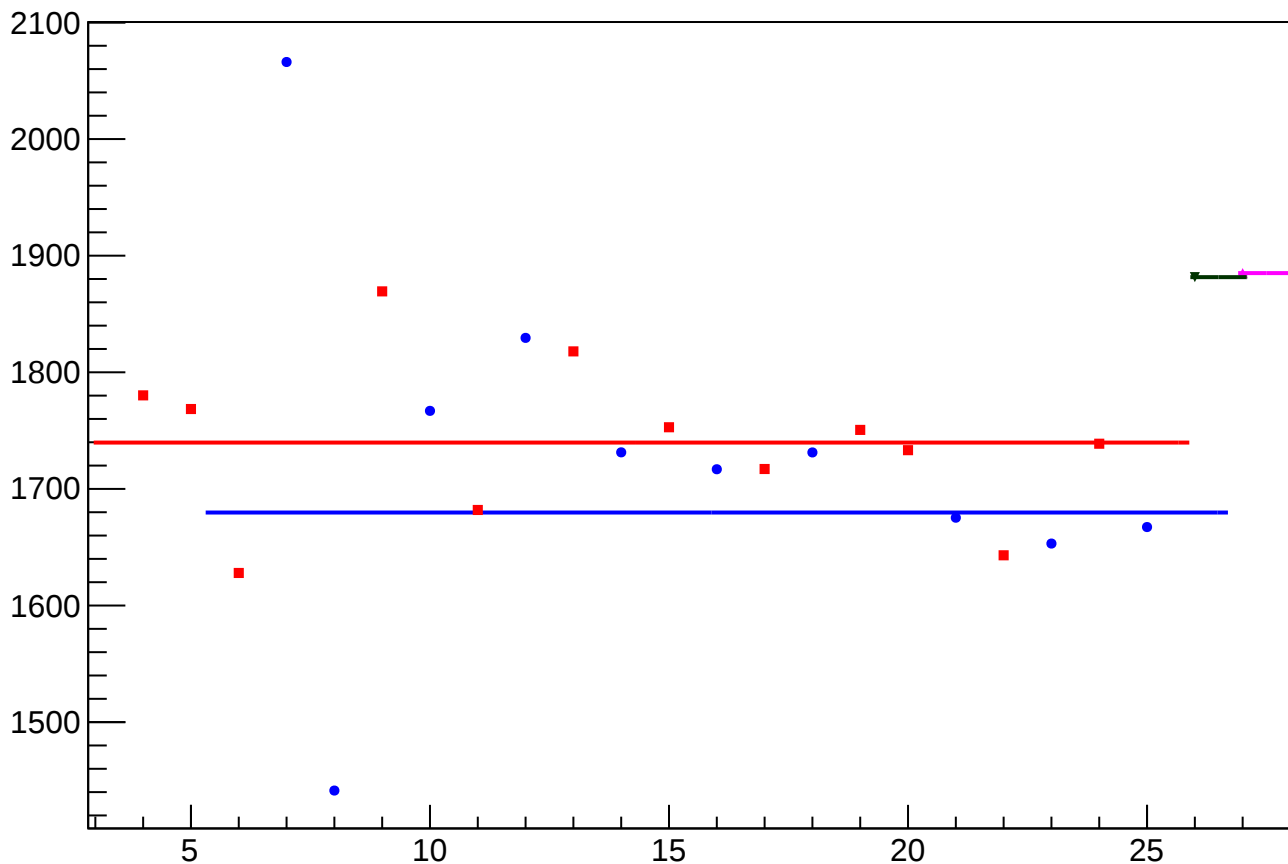
Right Out: -23.778 ± 0.688 χ^2/NDF : 191.1/11

Left In: -20.142 ± 2.038 χ^2/NDF : 0.0/0

-33.957 ± 0.644 χ^2/NDF : 2175.3/10

-23.406 ± 0.652 χ^2/NDF : 194.0/12

diff_bpm0l04Y_rms vs slug



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

Left Out: 1881.590 $\pm$ 1.891 χ^2 /NDF: 0.0/0

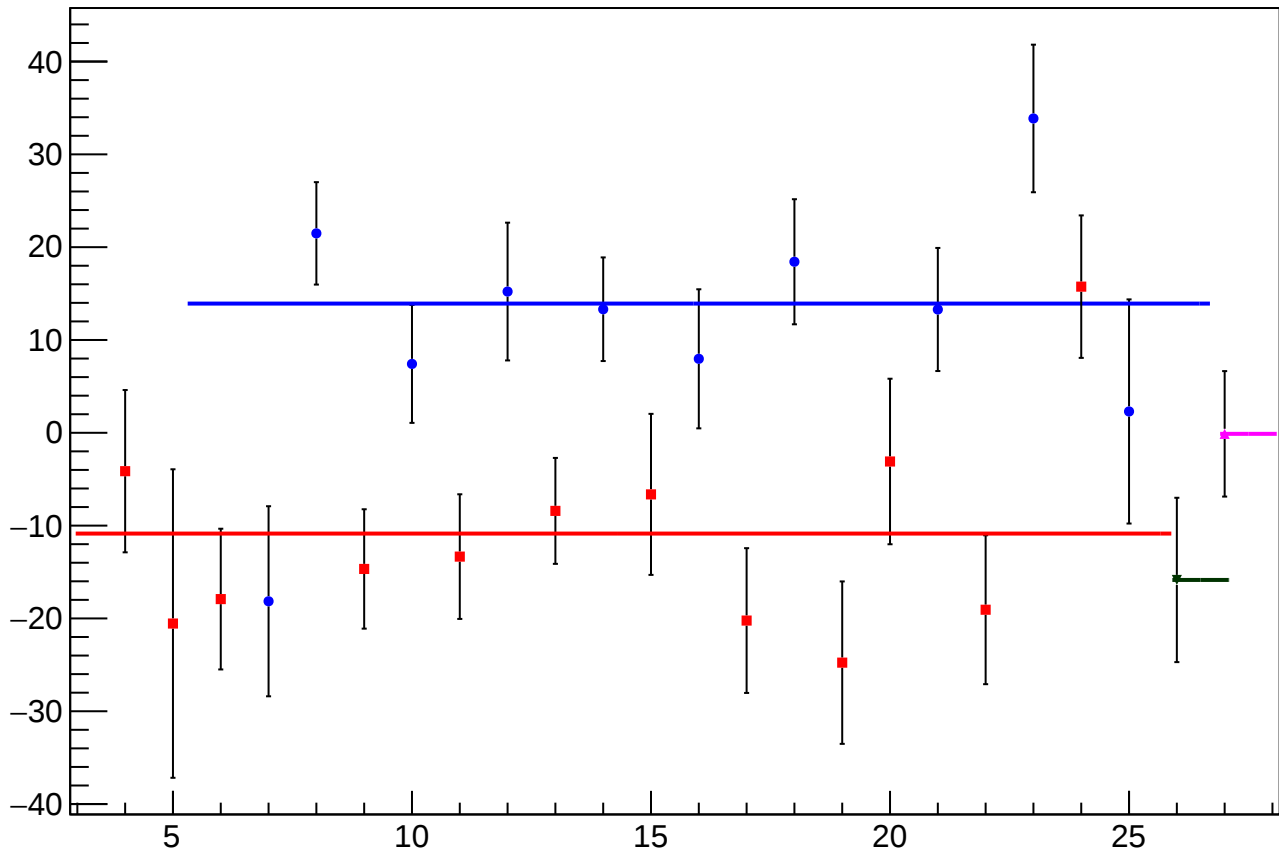
Right Out: 1739.740 $\pm$ 0.487 χ^2 /NDF: 22147.7/11

Left In: 1885.059 $\pm$ 1.441 χ^2 /NDF: 0.0/0

1691.443 $\pm$ 0.455 χ^2 /NDF: 94791.4/10

1754.628 $\pm$ 0.461 χ^2 /NDF: 31277.1/12

diff_bpm0l05X_mean vs slug



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

Left Out: -15.854 ± 8.853 $\chi^2/\text{NDF}: 0.0/0$

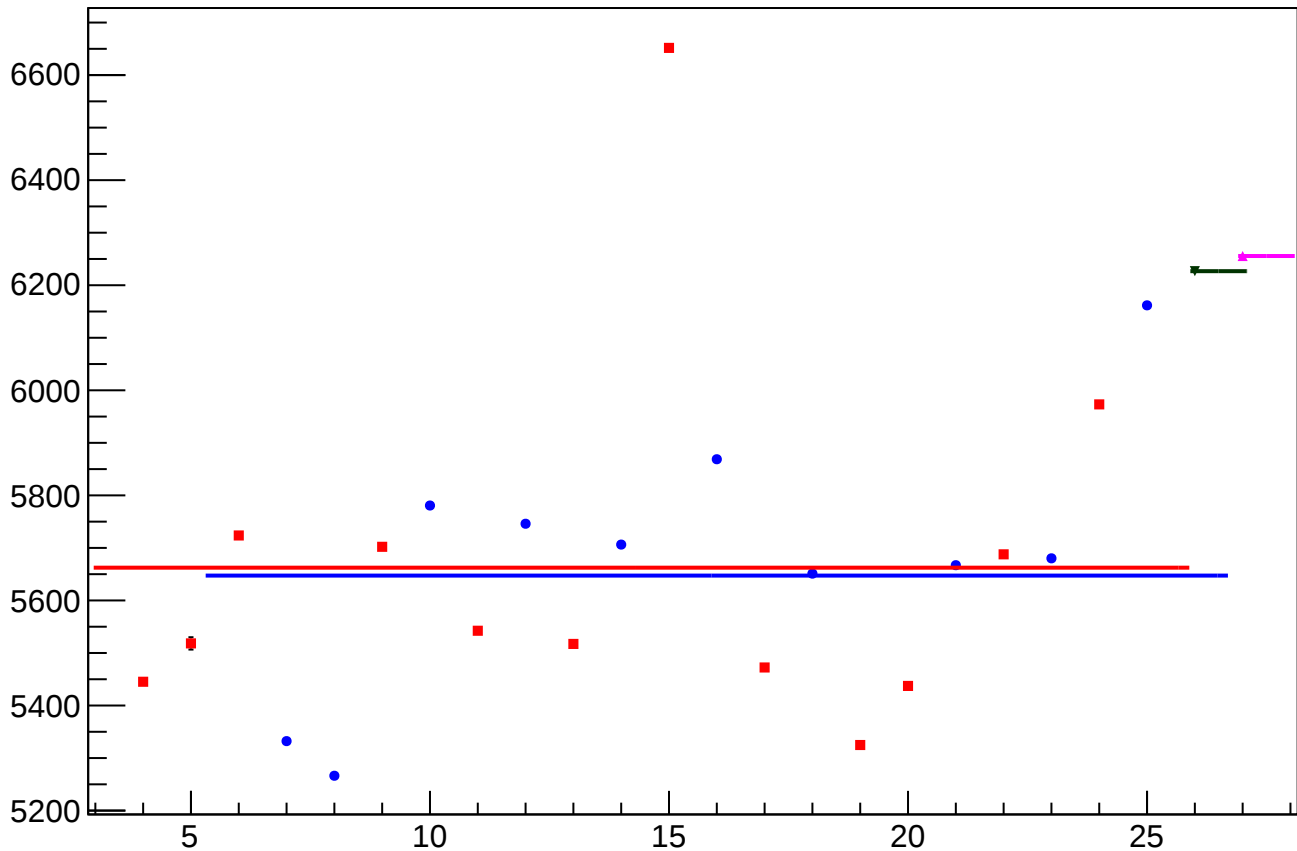
Right Out: -10.857 ± 2.241 $\chi^2/\text{NDF}: 20.5/11$

Left In: -0.112 ± 6.759 $\chi^2/\text{NDF}: 0.0/0$

12.159 ± 2.154 $\chi^2/\text{NDF}: 31.7/10$

-9.792 ± 2.127 $\chi^2/\text{NDF}: 22.8/12$

diff_bpm0l05X_rms vs slug



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

Left Out: 6226.764+/-6.260 χ^2/NDF : 0.0/0

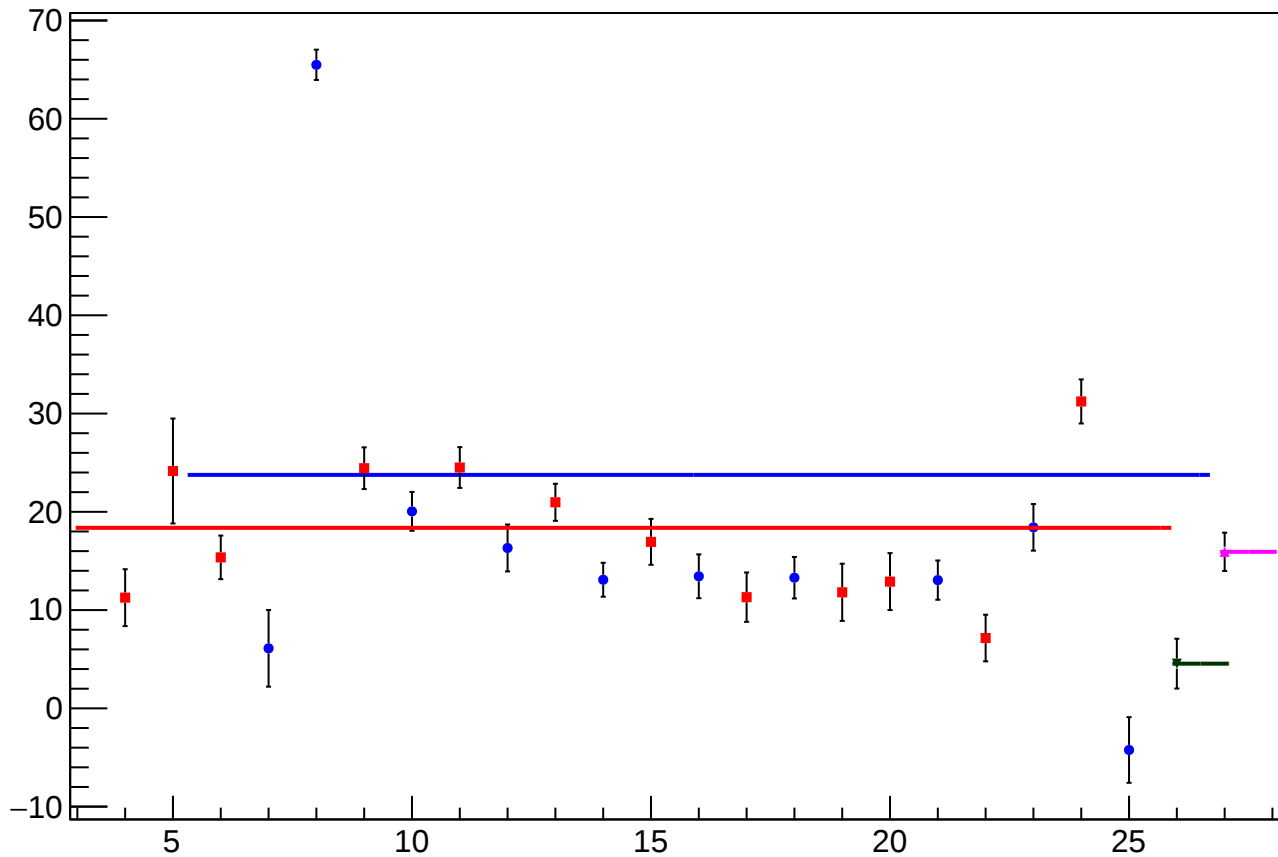
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 6255.622+/-4.780 χ^2/NDF : 0.0/0

5681.635+/-1.523 χ^2/NDF : 26378.1/10

5721.153+/-1.504 χ^2/NDF : 52156.3/12

diff_bpm0l05Y_mean vs slug



Right In: 23.760 ± 0.675 χ^2/NDF : 954.7/9

Left Out: 4.548 ± 2.536 χ^2/NDF : 0.0/0

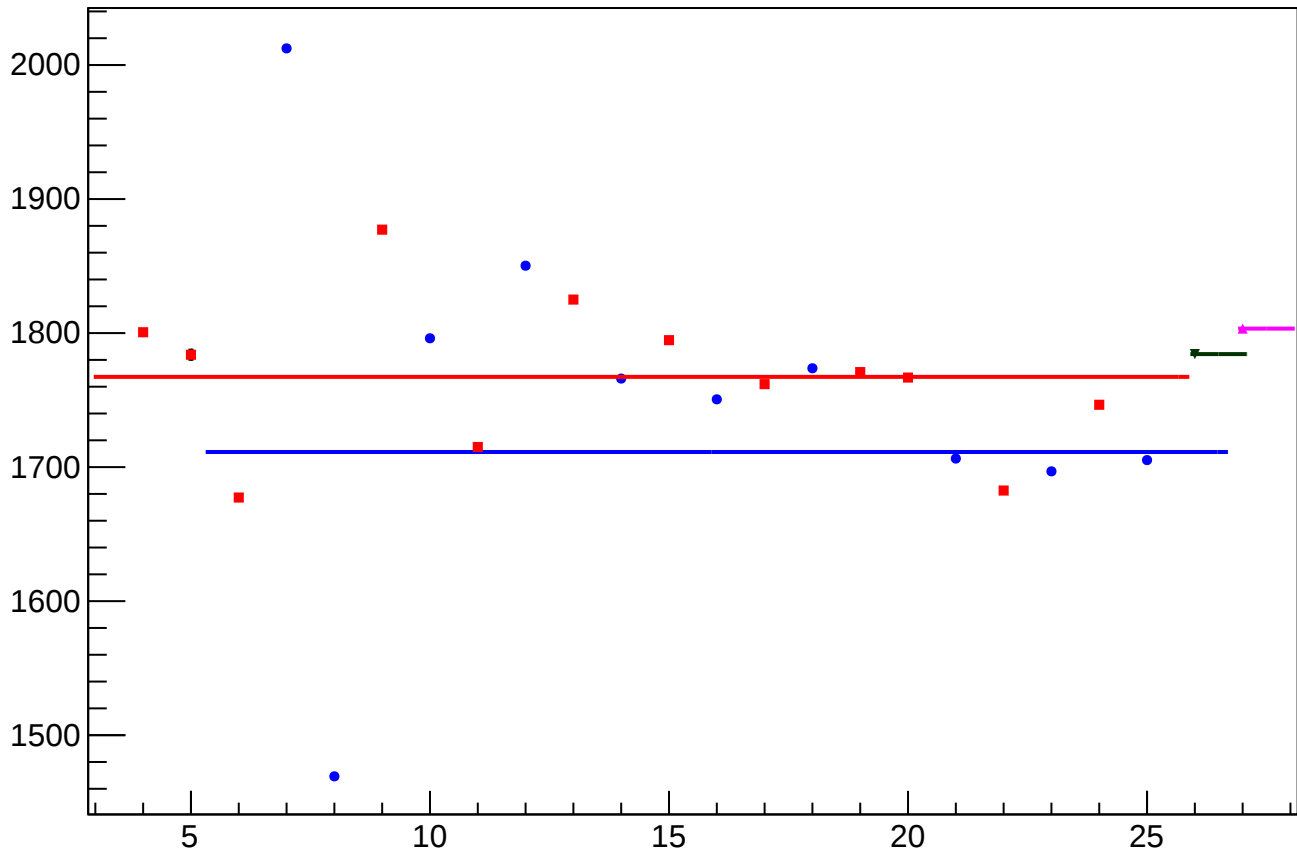
Right Out: 18.373 ± 0.699 χ^2/NDF : 100.0/11

Left In: 15.930 ± 1.948 χ^2/NDF : 0.0/0

22.490 ± 0.652 χ^2/NDF : 1008.3/10

18.094 ± 0.658 χ^2/NDF : 101.4/12

diff_bpm0l05Y_rms vs slug



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

Left Out: 1784.326+/-1.793 χ^2/NDF : 0.0/0

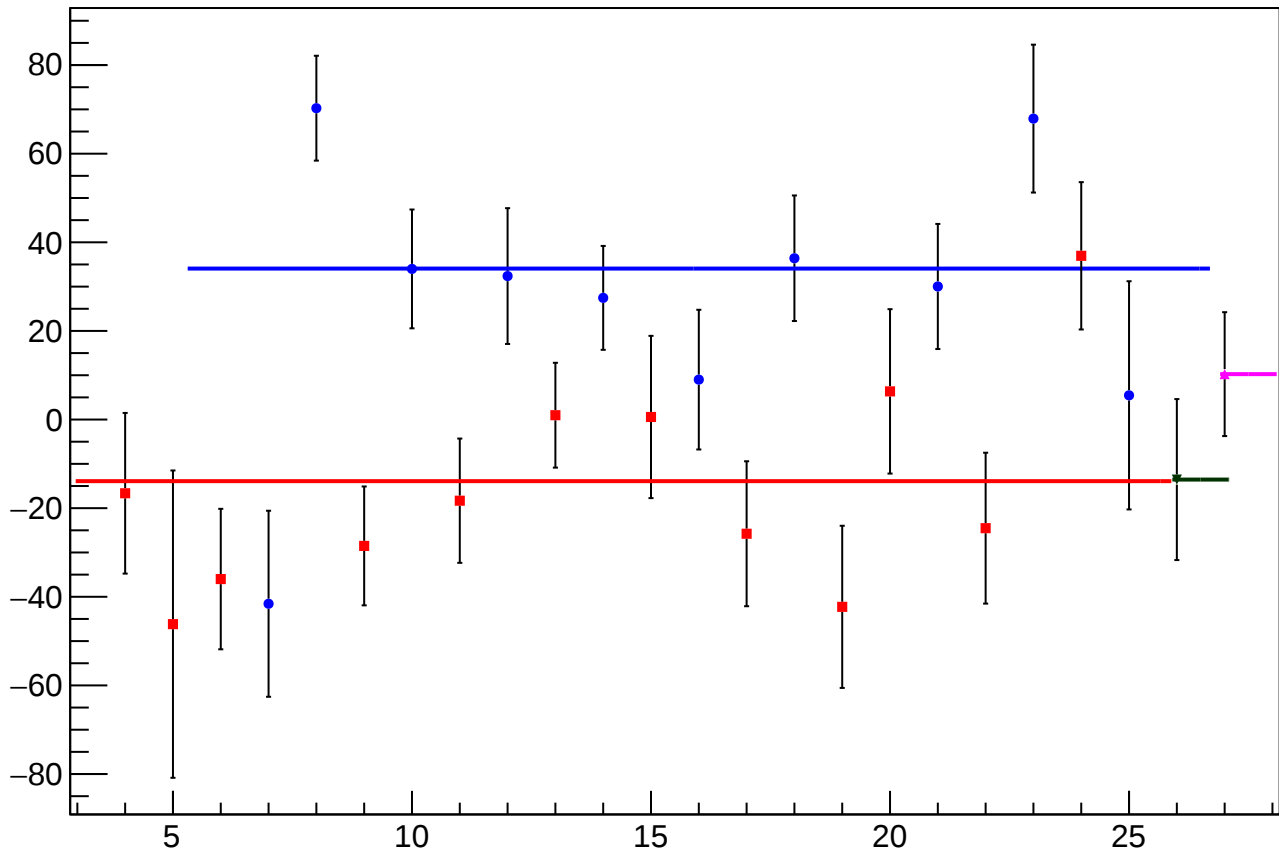
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

Left In: 1803.354+/-1.378 χ^2/NDF : 0.0/0

1716.110+/-0.461 χ^2/NDF : 77686.8/10

1771.444+/-0.465 χ^2/NDF : 15696.9/12

diff_bpm0l06X_mean vs slug



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

Left Out: -13.547 ± 18.166 χ^2/NDF : 0.0/0

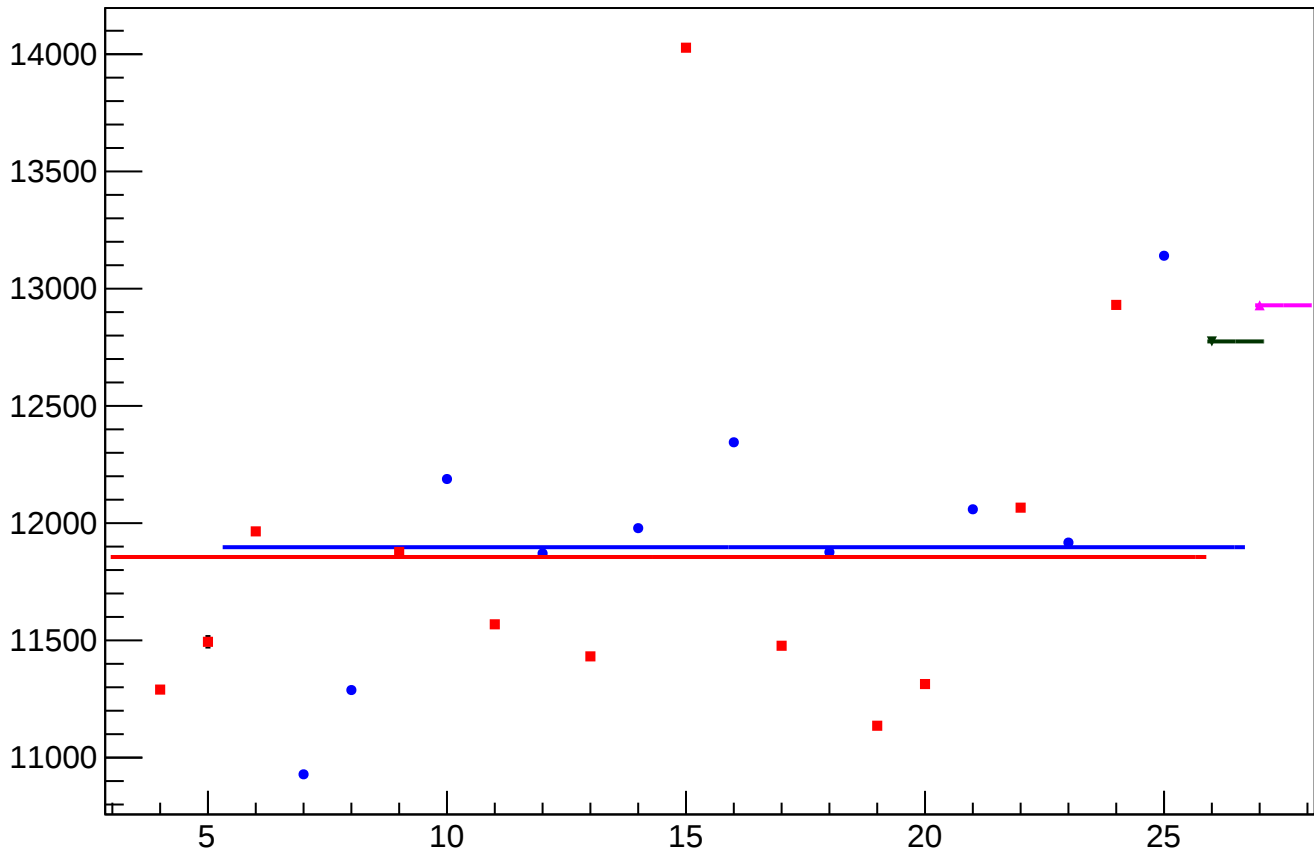
Right Out: -13.904 ± 4.697 χ^2/NDF : 20.2/11

Left In: 10.249 ± 13.978 χ^2/NDF : 0.0/0

31.107 ± 4.533 χ^2/NDF : 37.1/10

-11.453 ± 4.453 χ^2/NDF : 22.9/12

diff_bpm0l06X_rms vs slug



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

Left Out: 12774.997+/-12.845 χ^2/NDF : 0.0/0

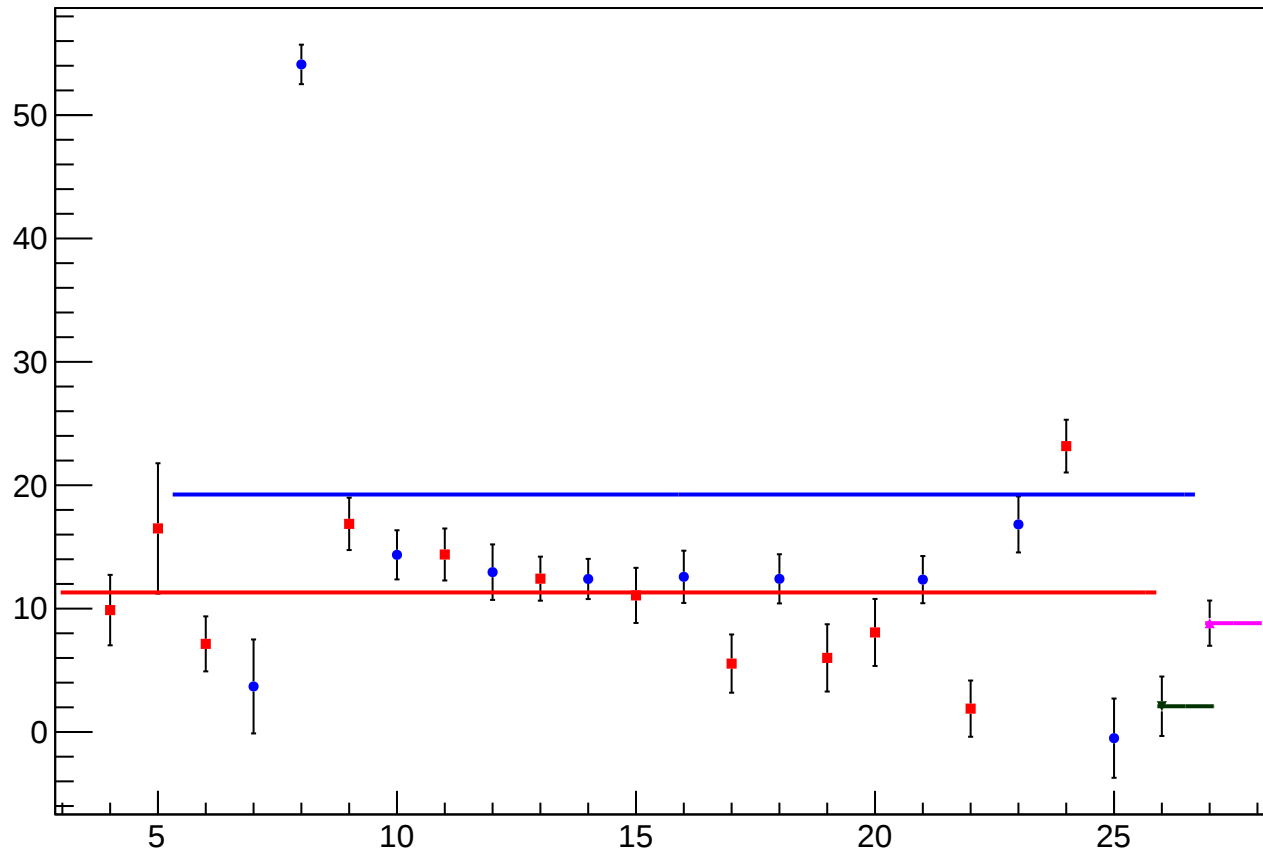
11952.071+/-3.205 χ^2/NDF : 21521.2/10

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

11964.562+/-3.148 χ^2/NDF : 58952.5/12

Left In: 12929.090+/-9.884 χ^2/NDF : 0.0/0

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.086 ± 2.410 χ^2/NDF : 0.0/0

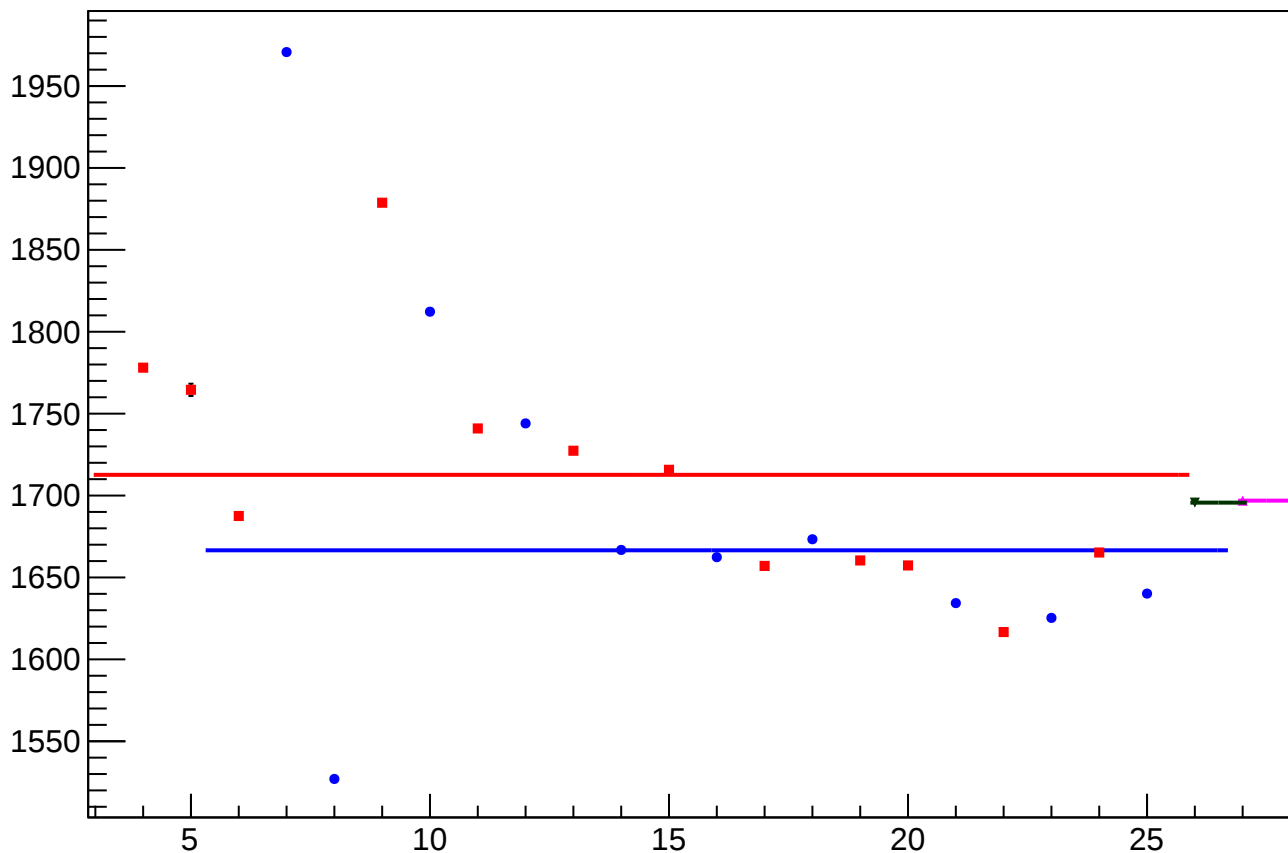
Right Out: 11.311 ± 0.677 χ^2/NDF : 73.1/11

Left In: 8.821 ± 1.833 χ^2/NDF : 0.0/0

18.066 ± 0.633 χ^2/NDF : 643.5/10

11.012 ± 0.635 χ^2/NDF : 74.8/12

diff_bpm0l06Y_rms vs slug



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

Left Out: 1695.682+/-1.704 χ^2/NDF : 0.0/0

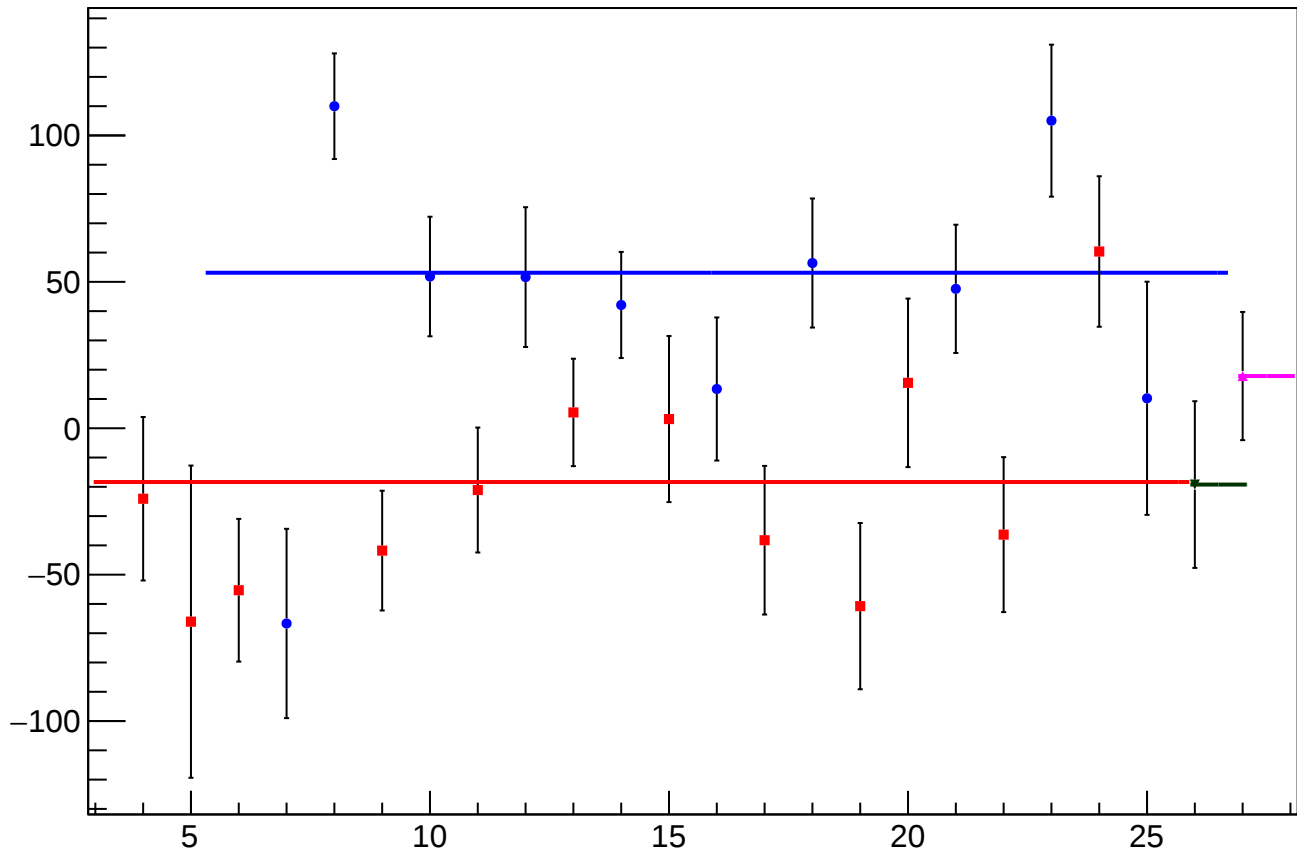
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

Left In: 1696.899+/-1.296 χ^2/NDF : 0.0/0

1668.582+/-0.447 χ^2/NDF : 42710.7/10

1710.757+/-0.449 χ^2/NDF : 21594.1/12

diff_bpm0l07X_mean vs slug



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

Left Out: -19.228 $\pm$ 28.468 χ^2 /NDF: 0.0/0

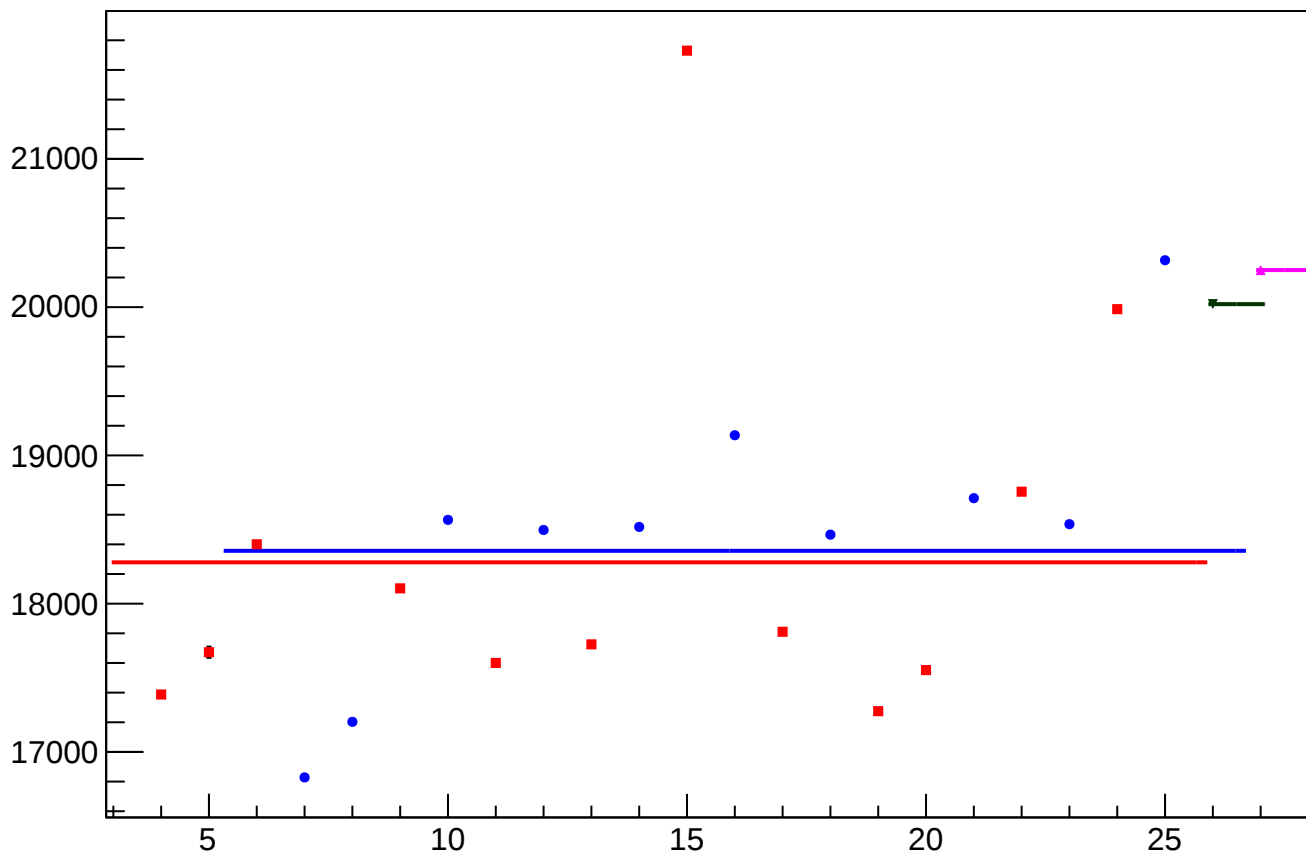
Right Out: -18.361 $\pm$ 7.243 χ^2 /NDF: 20.8/11

Left In: 17.835 $\pm$ 21.894 χ^2 /NDF: 0.0/0

48.734 $\pm$ 7.002 χ^2 /NDF: 38.0/10

-14.791 $\pm$ 6.876 χ^2 /NDF: 23.3/12

diff_bpm0l07X_rms vs slug



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

Left Out: 20020.279+/-20.130 χ^2/NDF : 0.0/0

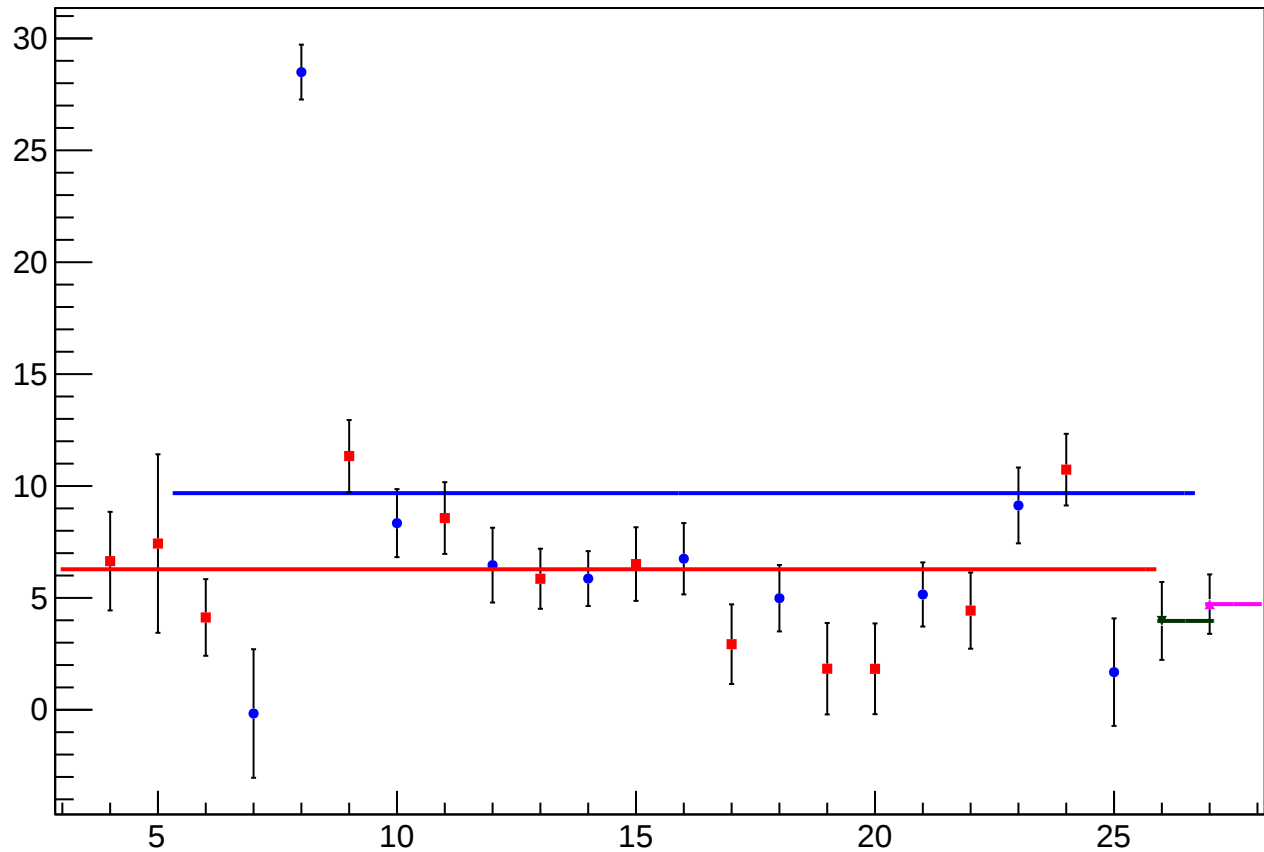
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 20250.090+/-15.481 χ^2/NDF : 0.0/0

18457.157+/-4.951 χ^2/NDF : 27063.1/10

18473.248+/-4.862 χ^2/NDF : 64506.0/12

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.971+/-1.741 χ^2/NDF : 0.0/0

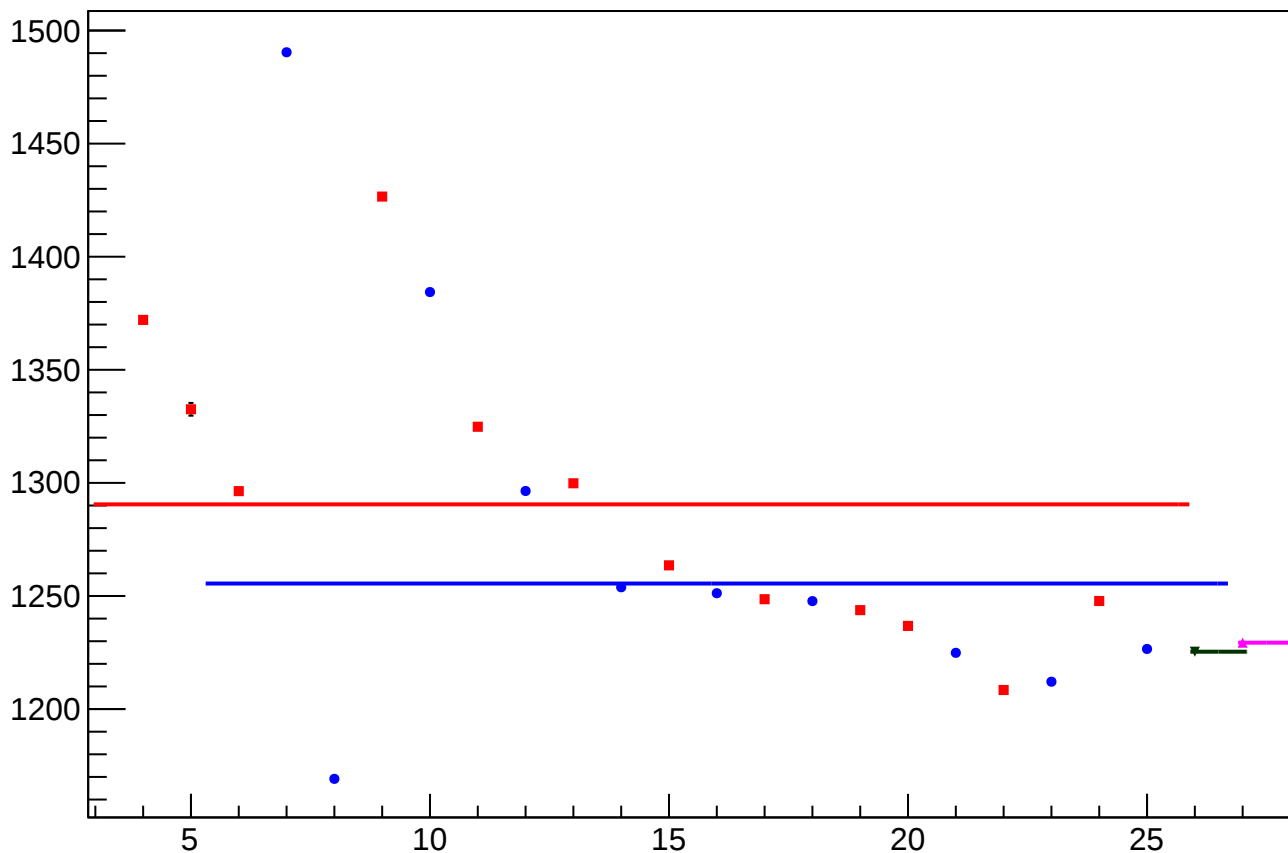
Right Out: 6.280+/-0.510 χ^2/NDF : 35.7/11

Left In: 4.722+/-1.328 χ^2/NDF : 0.0/0

9.256+/-0.475 χ^2/NDF : 306.2/10

6.080+/-0.476 χ^2/NDF : 36.9/12

diff_bpm0l07Y_rms vs slug



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

Left Out: 1225.361+/-1.231 χ^2/NDF : 0.0/0

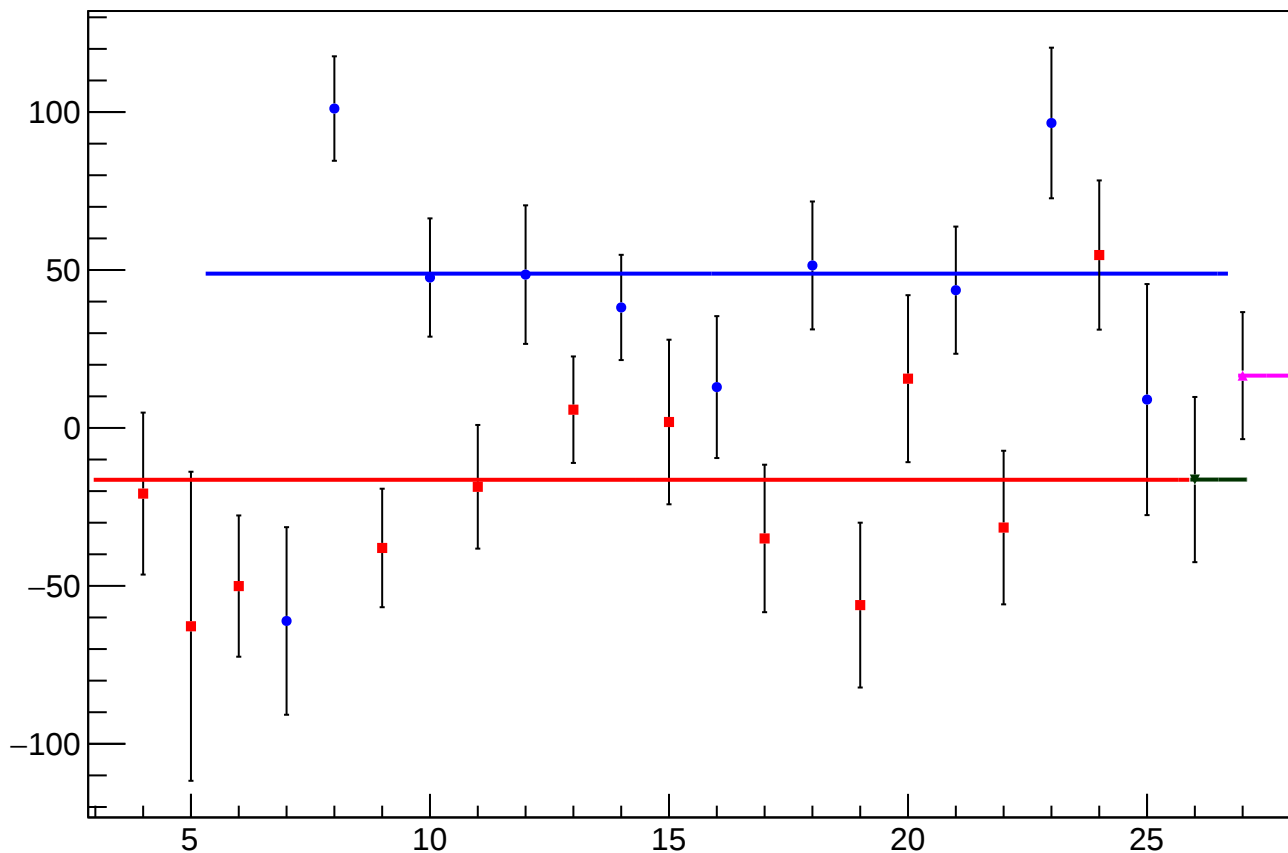
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

Left In: 1229.359+/-0.939 χ^2/NDF : 0.0/0

1253.259+/-0.336 χ^2/NDF : 42021.1/10

1282.641+/-0.337 χ^2/NDF : 32155.6/12

diff_bpm0l08X_mean vs slug



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

Left Out: -16.344+/-26.149 χ^2/NDF : 0.0/0

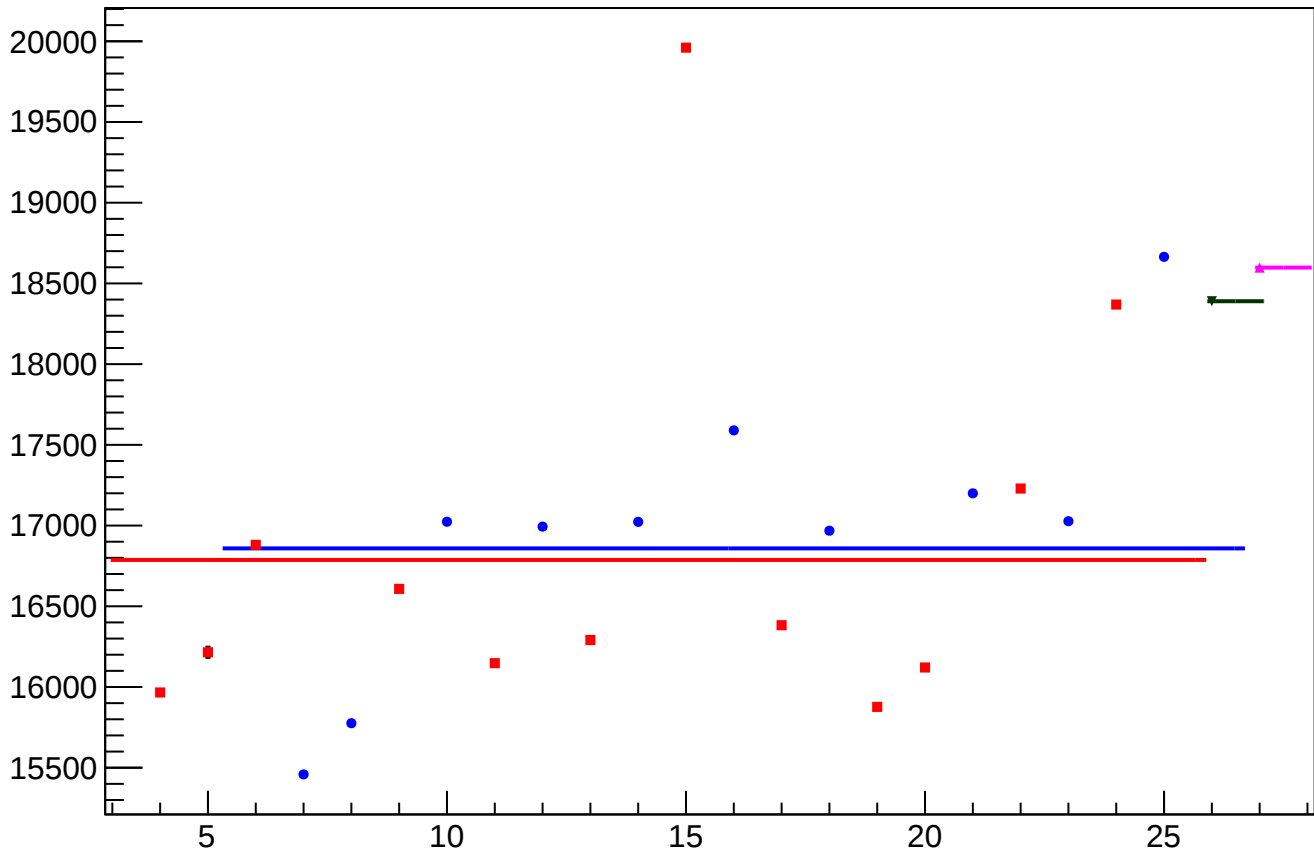
Right Out: -16.413+/-6.651 χ^2/NDF : 20.6/11

Left In: 16.562+/-20.107 χ^2/NDF : 0.0/0

44.908+/-6.430 χ^2/NDF : 37.8/10

-13.161+/-6.315 χ^2/NDF : 23.1/12

diff_bpm0l08X_rms vs slug



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

Left Out: 18389.651+/-18.490 χ^2/NDF : 0.0/0

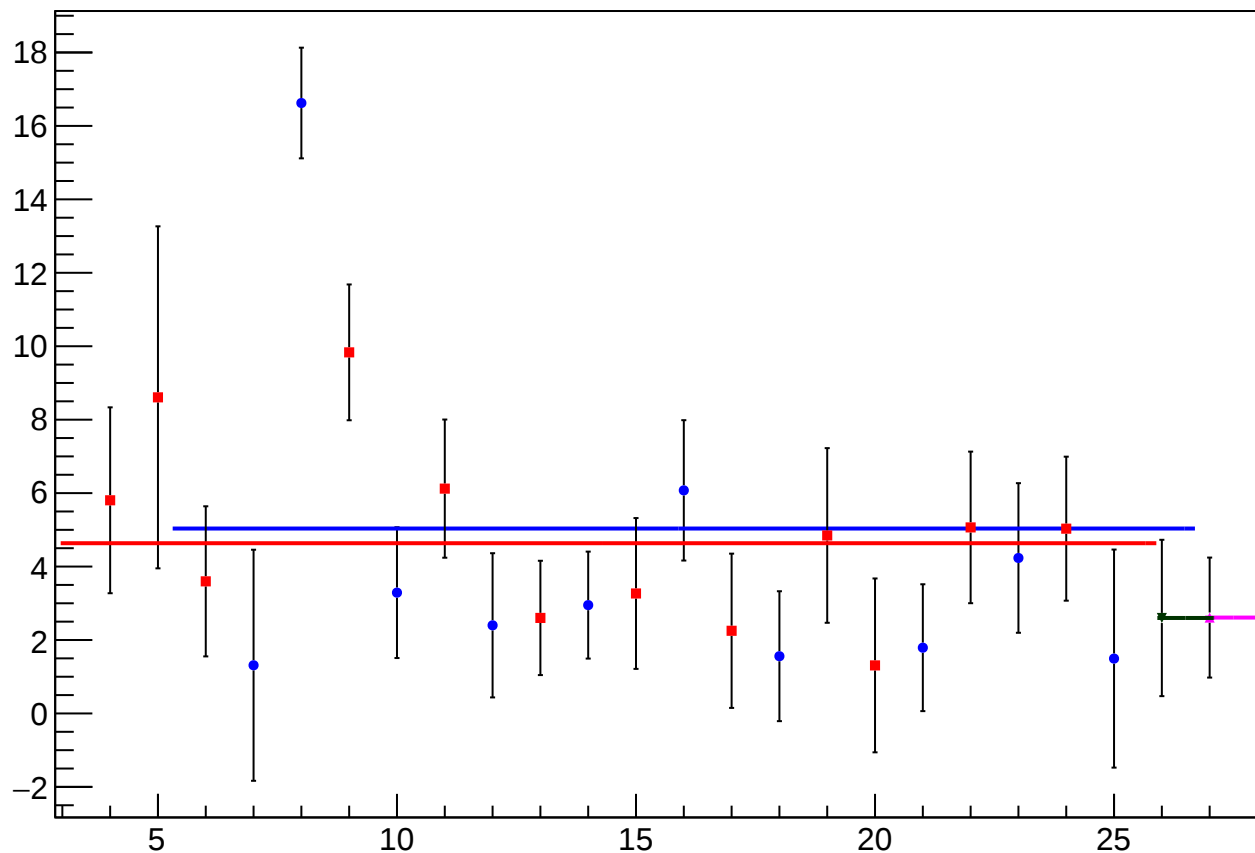
16951.192+/-4.547 χ^2/NDF : 27618.4/10

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

16965.779+/-4.465 χ^2/NDF : 64648.2/12

Left In: 18598.018+/-14.218 χ^2/NDF : 0.0/0

diff_bpm0l08Y_mean vs slug



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

Left Out: 2.600+/-2.129 χ^2/NDF : 0.0/0

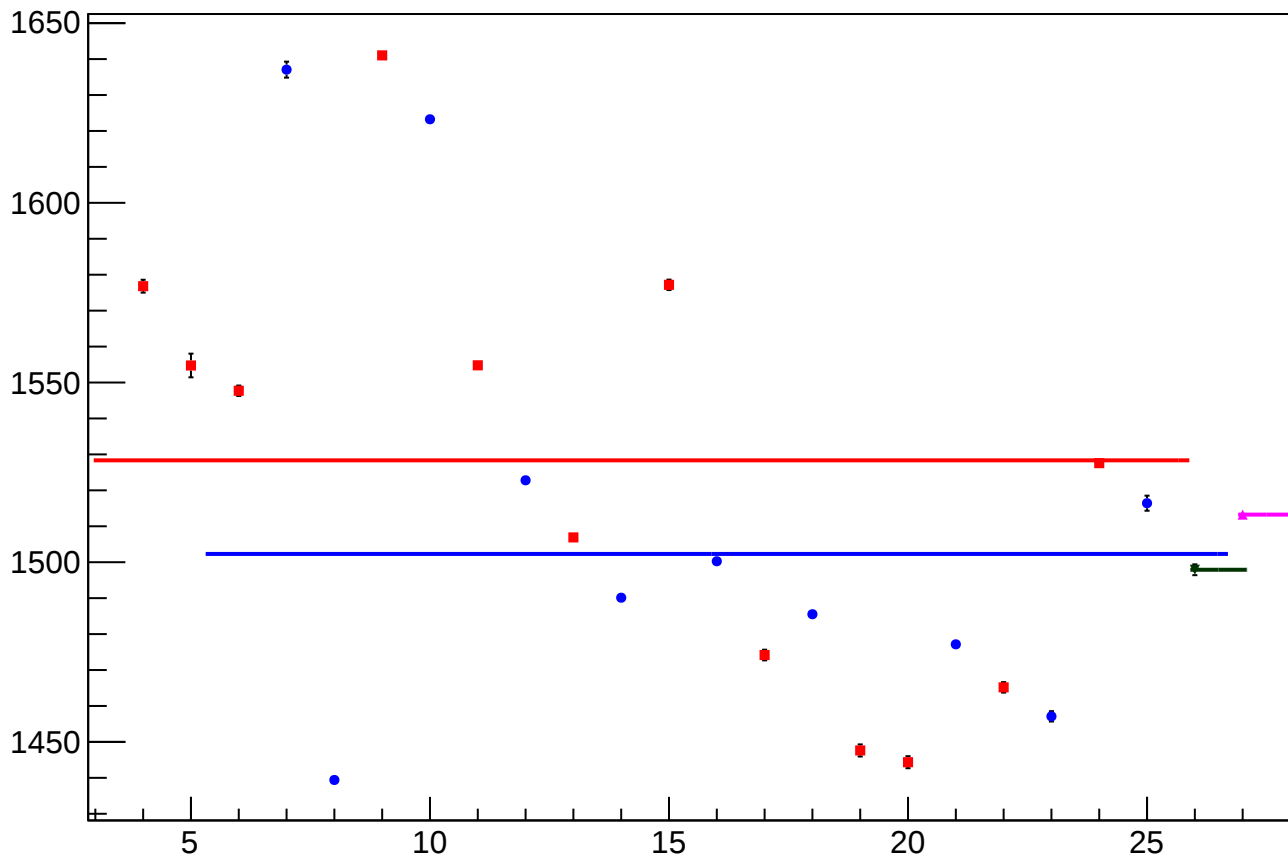
Right Out: 4.636+/-0.604 χ^2/NDF : 15.2/11

Left In: 2.611+/-1.634 χ^2/NDF : 0.0/0

4.862+/-0.569 χ^2/NDF : 75.8/10

4.393+/-0.566 χ^2/NDF : 16.6/12

diff_bpm0l08Y_rms vs slug



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

Left Out: 1497.900 ± 1.505 χ^2/NDF : 0.0/0

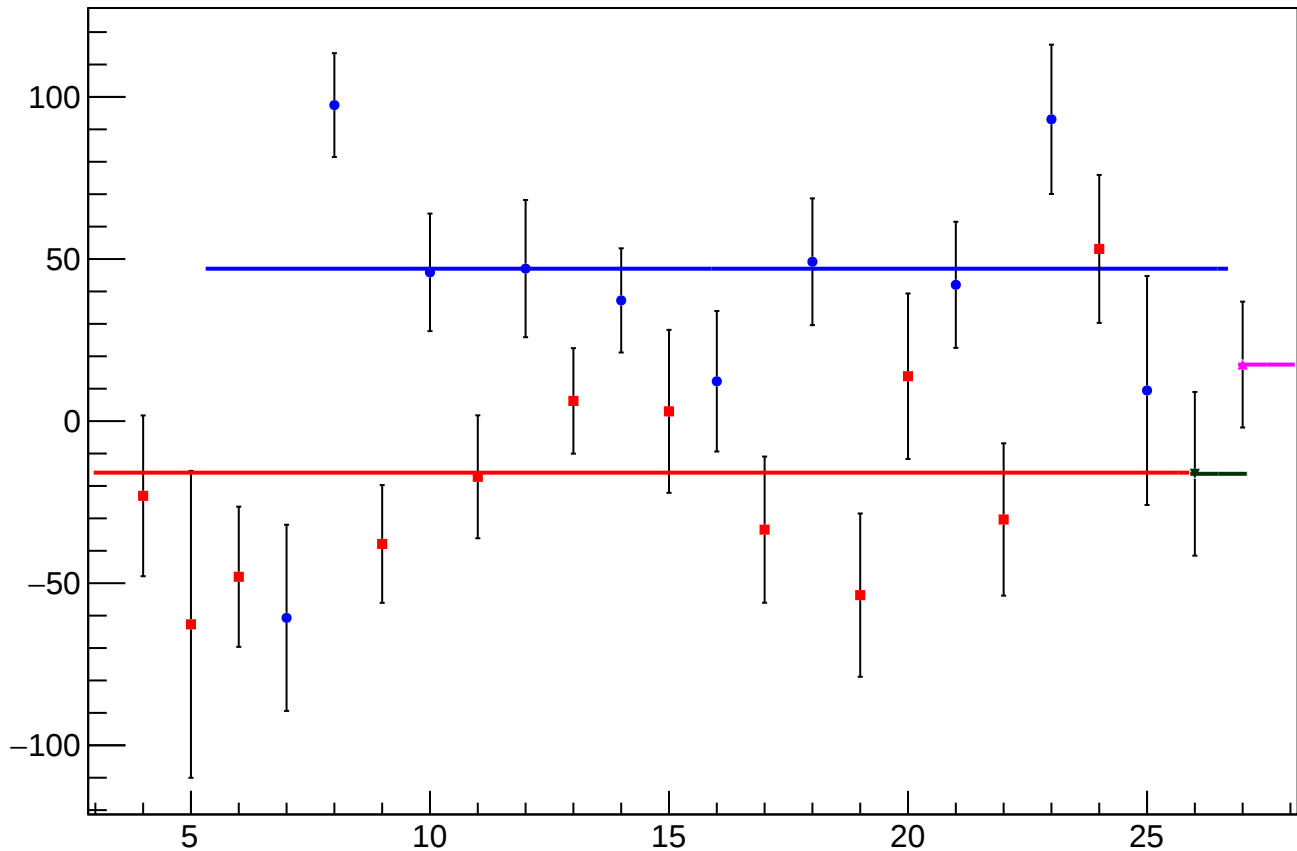
Right Out: 1528.347 ± 0.427 χ^2/NDF : 18336.6/11

Left In: 1513.246 ± 1.155 χ^2/NDF : 0.0/0

1501.989 ± 0.402 χ^2/NDF : 18380.7/10

1526.533 ± 0.400 χ^2/NDF : 18486.9/12

diff_bpm0l09X_mean vs slug



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

Left Out: -16.254+/-25.251 χ^2/NDF : 0.0/0

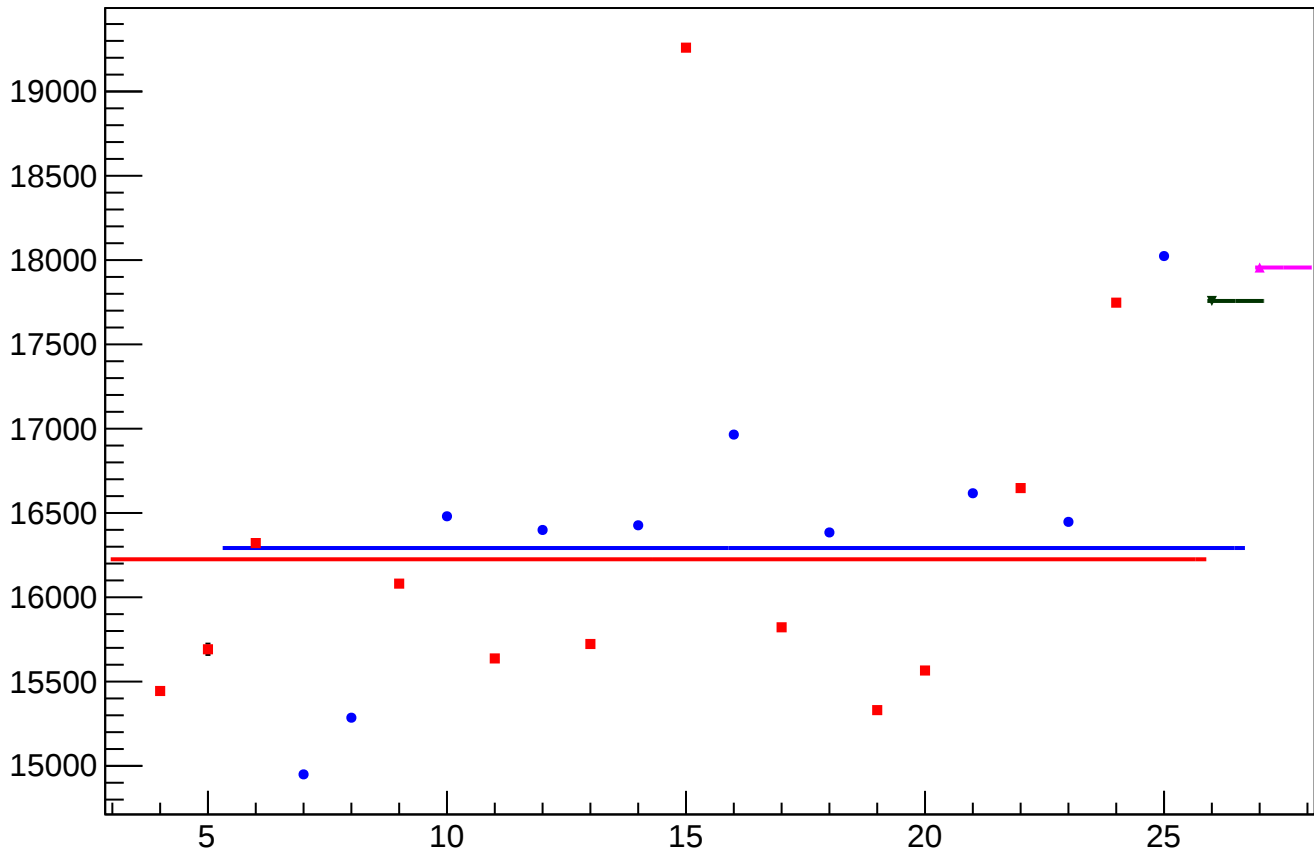
Right Out: -15.898+/-6.429 χ^2/NDF : 20.9/11

Left In: 17.444+/-19.413 χ^2/NDF : 0.0/0

43.184+/-6.214 χ^2/NDF : 38.0/10

-12.603+/-6.103 χ^2/NDF : 23.6/12

diff_bpm0l09X_rms vs slug



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

Left Out: 17757.544+/-17.855 χ^2/NDF : 0.0/0

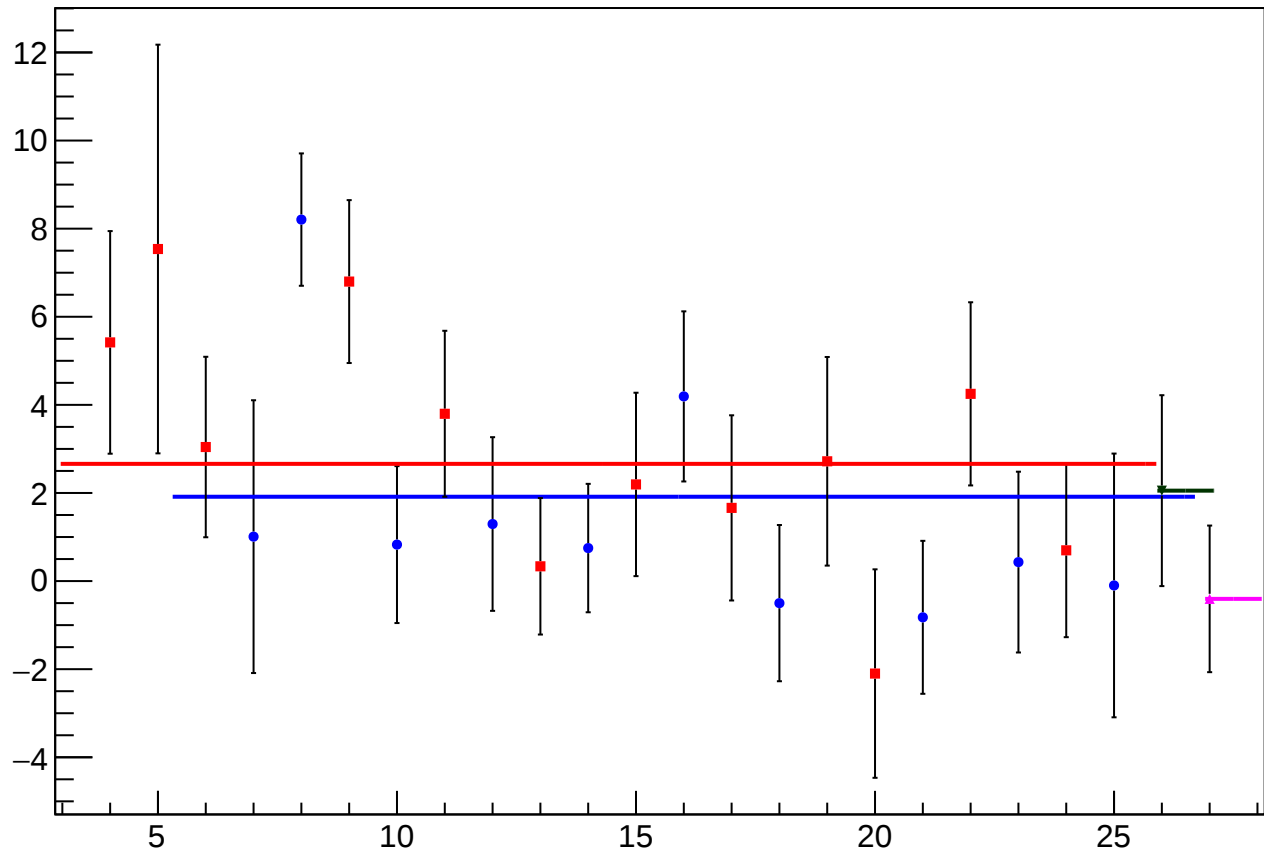
16380.929+/-4.394 χ^2/NDF : 26427.6/10

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

16396.381+/-4.315 χ^2/NDF : 63746.5/12

Left In: 17955.921+/-13.727 χ^2/NDF : 0.0/0

diff_bpm0l09Y_mean vs slug



Right In: 1.914 $\pm$ 0.592 χ^2 /NDF: 25.4/9

Left Out: 2.053 $\pm$ 2.167 χ^2 /NDF:0.0/0

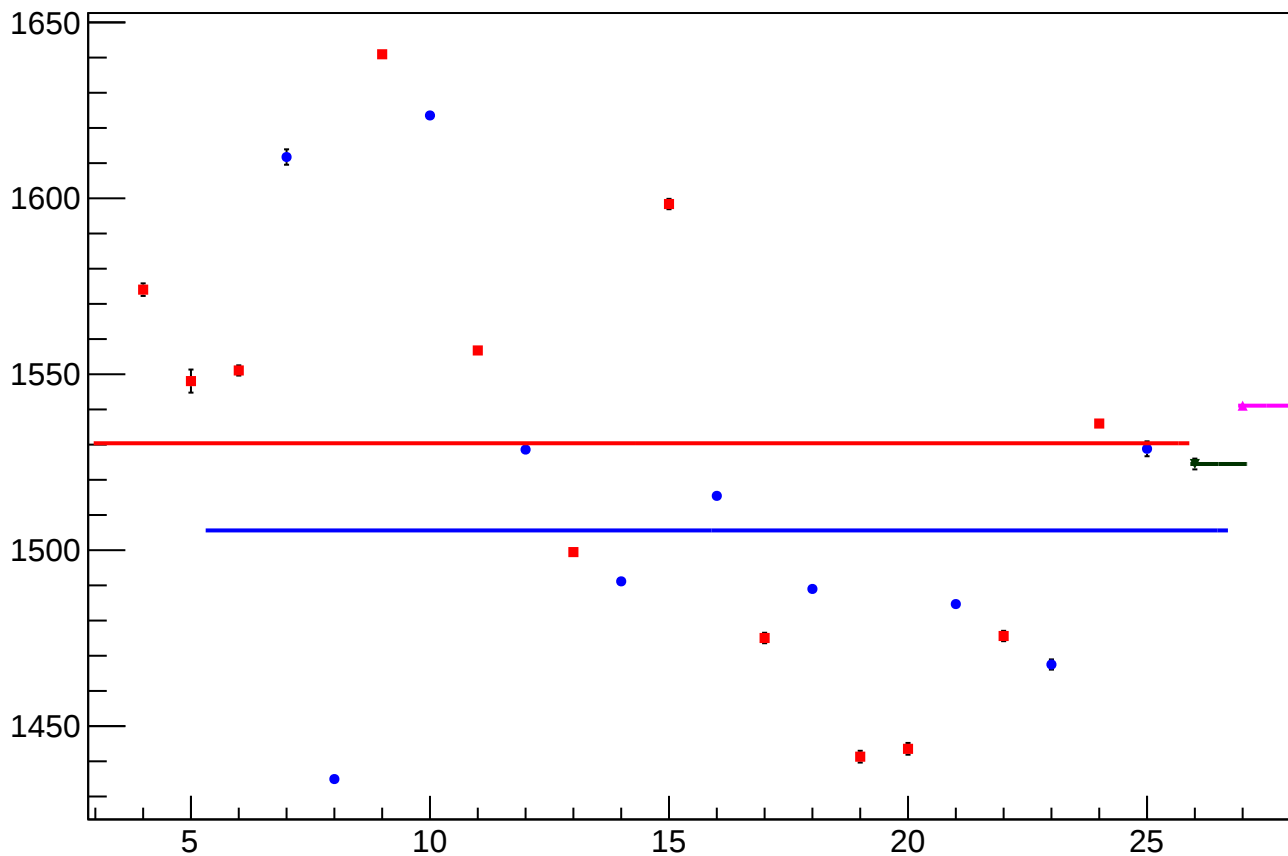
Right Out: 2.661 $\pm$ 0.605 χ^2 /NDF: 15.9/11

Left In: -0.404 $\pm$ 1.664 χ^2 /NDF:0.0/0

1.924 $\pm$ 0.571 χ^2 /NDF: 25.4/10

2.303 $\pm$ 0.568 χ^2 /NDF: 18.9/12

diff_bpm0l09Y_rms vs slug



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

Left Out: 1524.498 ± 1.532 χ^2/NDF : 0.0/0

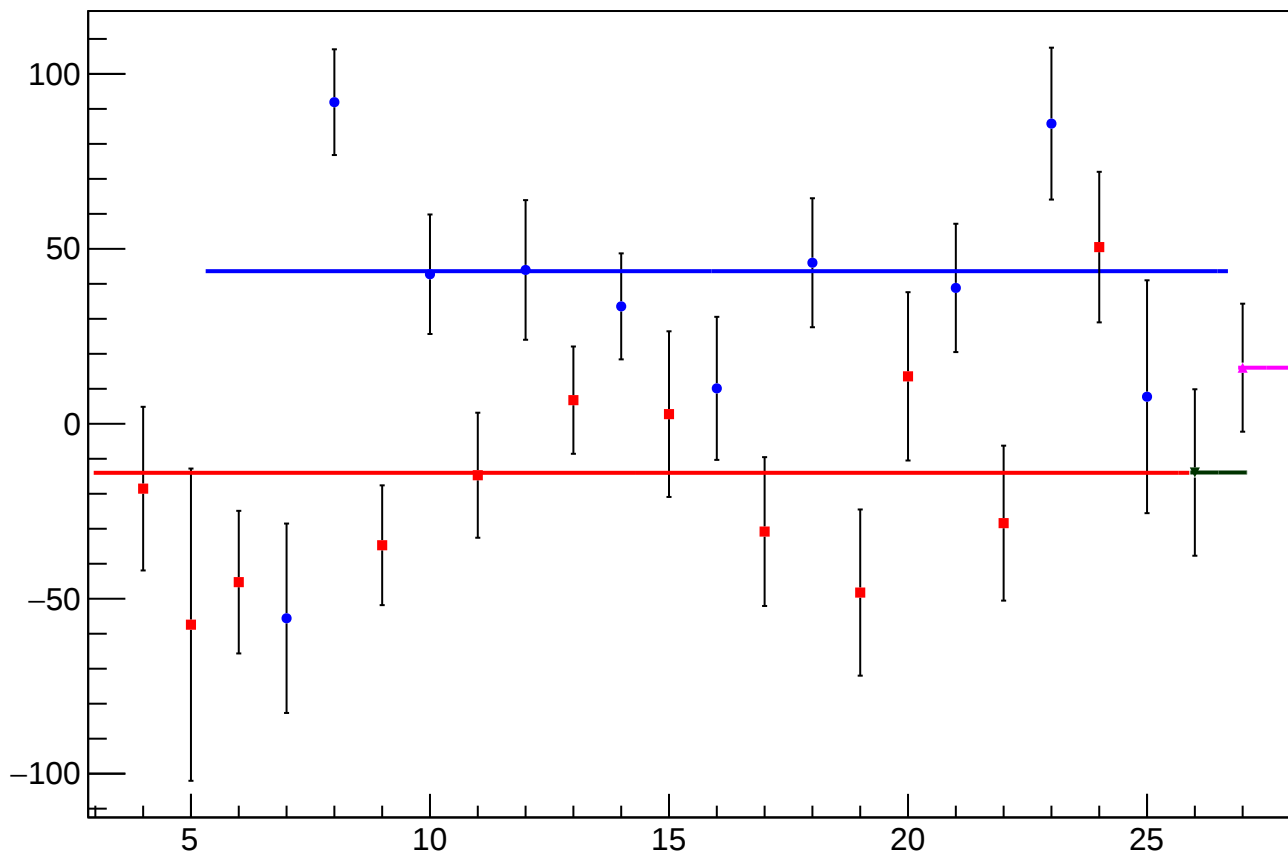
Right Out: 1530.389 ± 0.428 χ^2/NDF : 19618.0/11

Left In: 1541.076 ± 1.177 χ^2/NDF : 0.0/0

1506.926 ± 0.404 χ^2/NDF : 17481.5/10

1531.636 ± 0.402 χ^2/NDF : 19690.9/12

diff_bpm0l10X_mean vs slug



Right In: 43.620 $\pm$ 6.044 χ^2 /NDF: 31.8/9

Left Out: -13.922 $\pm$ 23.791 χ^2 /NDF: 0.0/0

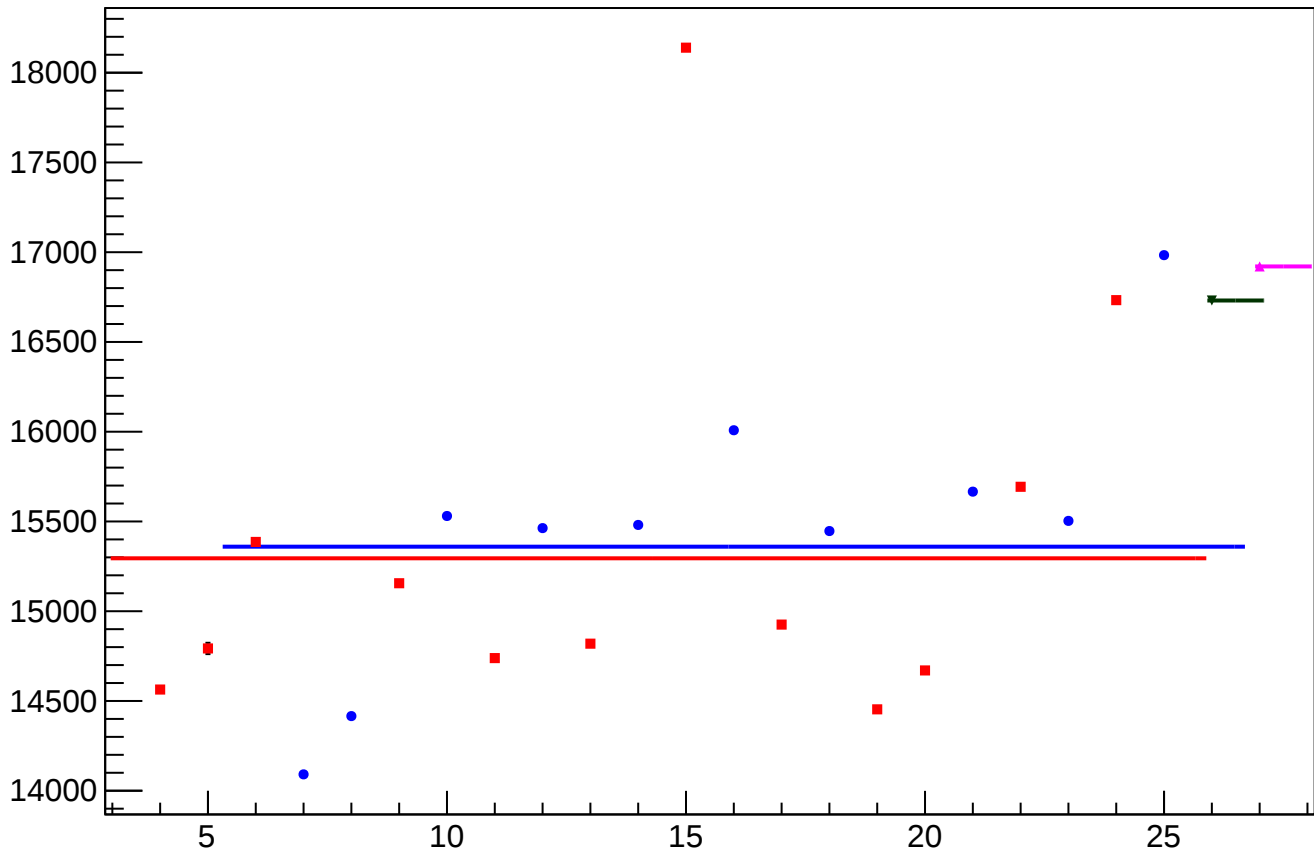
Right Out: -14.010 $\pm$ 6.060 χ^2 /NDF: 20.6/11

Left In: 16.032 $\pm$ 18.294 χ^2 /NDF: 0.0/0

40.132 $\pm$ 5.858 χ^2 /NDF: 37.3/10

-11.040 $\pm$ 5.752 χ^2 /NDF: 23.0/12

diff_bpm0l10X_rms vs slug



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

Left Out: 16730.982+/-16.823 χ^2/NDF : 0.0/0

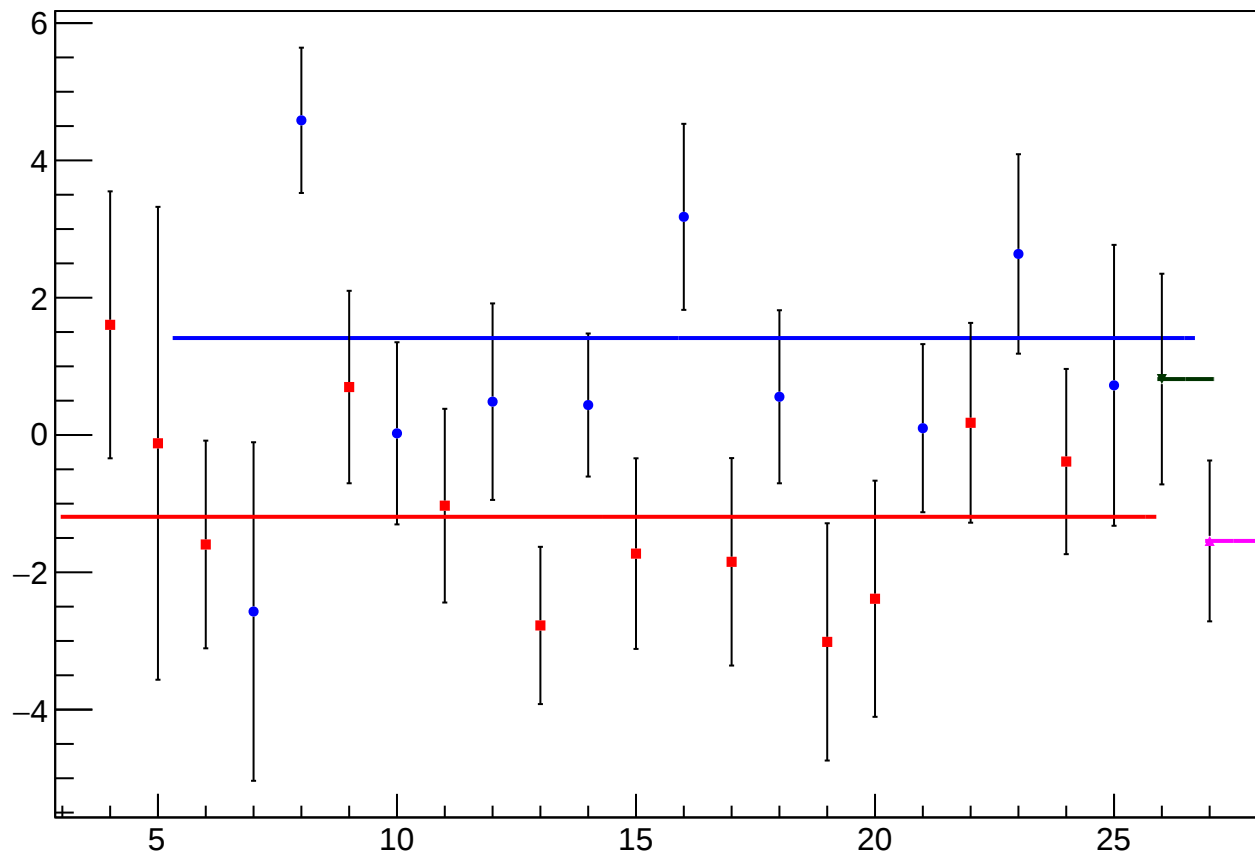
15442.699+/-4.142 χ^2/NDF : 26287.9/10

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

15455.538+/-4.068 χ^2/NDF : 63397.6/12

Left In: 16920.747+/-12.936 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs slug



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

Left Out: 0.815 ± 1.534 χ^2/NDF : 0.0/0

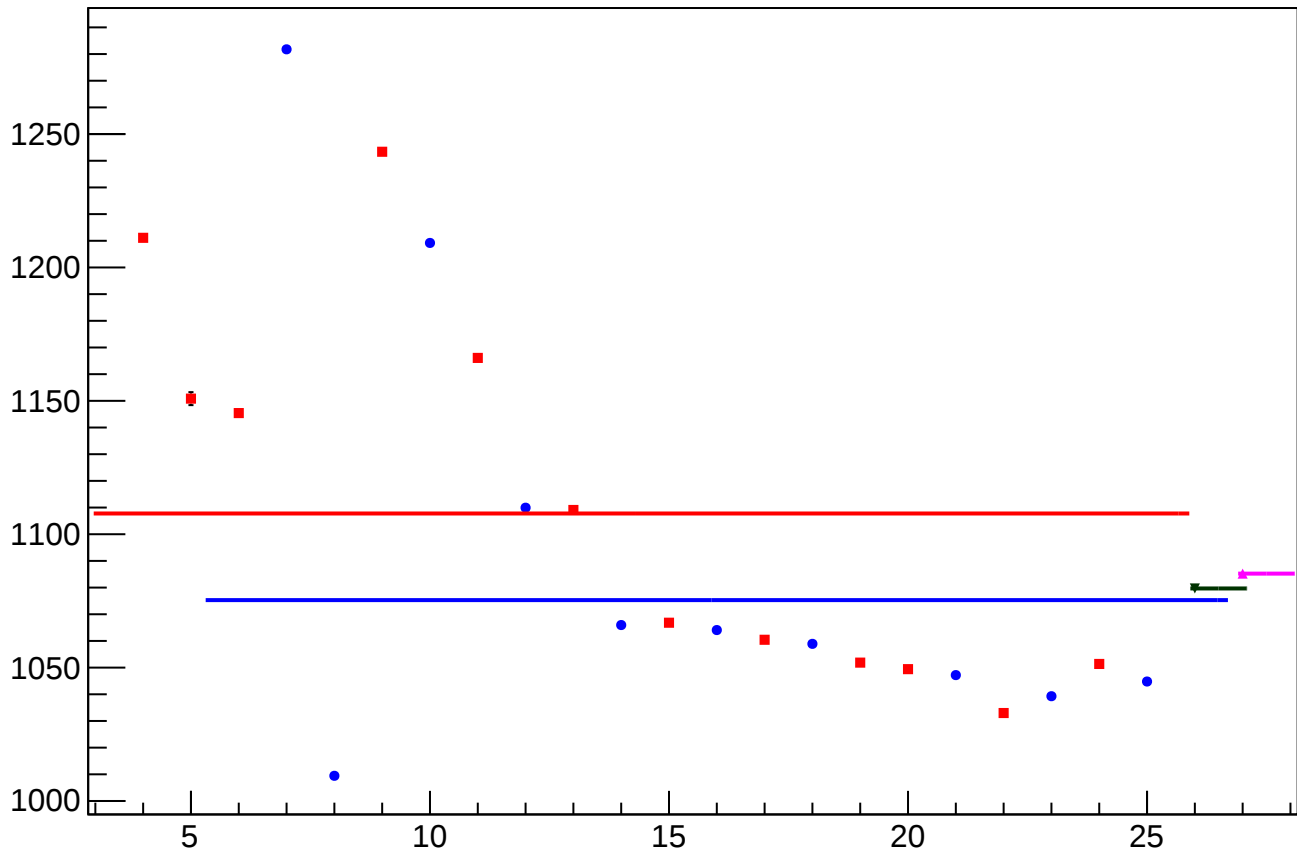
Right Out: -1.191 ± 0.438 χ^2/NDF : 9.1/11

Left In: -1.543 ± 1.172 χ^2/NDF : 0.0/0

1.370 ± 0.408 χ^2/NDF : 18.3/10

-1.235 ± 0.410 χ^2/NDF : 9.2/12

diff_bpm0l10Y_rms vs slug



Right In: 1075.302+/-0.299 χ^2/NDF : 46677.3/9

Left Out: 1079.670+/-1.085 χ^2/NDF : 0.0/0

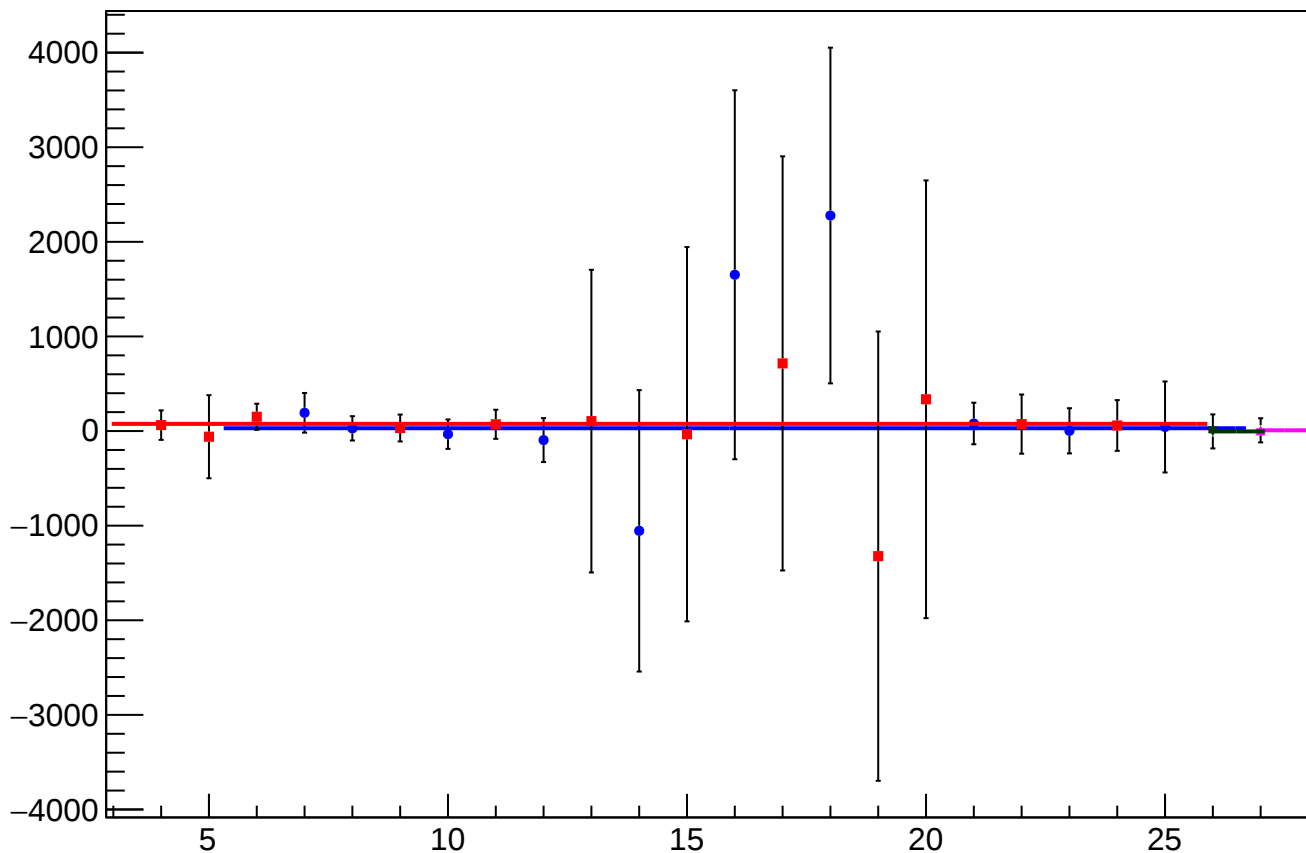
Right Out: 1107.774+/-0.310 χ^2/NDF : 46212.9/11

Left In: 1085.233+/-0.828 χ^2/NDF : 0.0/0

1075.610+/-0.288 χ^2/NDF : 46692.4/10

1105.009+/-0.290 χ^2/NDF : 46862.5/12

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: -3.800+/-179.886 χ^2/NDF : 0.0/0

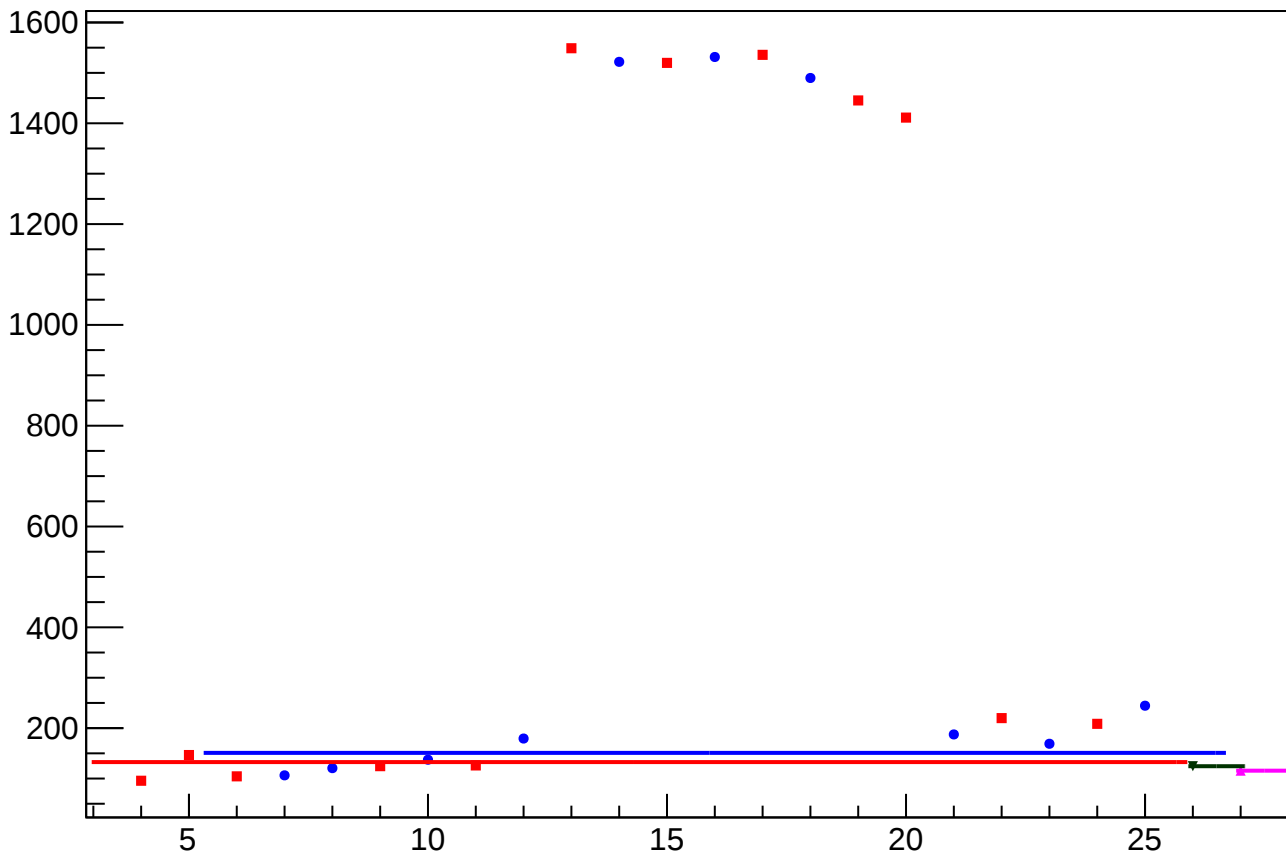
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: 7.759+/-127.503 χ^2/NDF : 0.0/0

24.900+/-67.743 χ^2/NDF : 4.0/10

60.793+/-60.037 χ^2/NDF : 1.2/12

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: 124.457+/-0.127 χ^2/NDF : 0.0/0

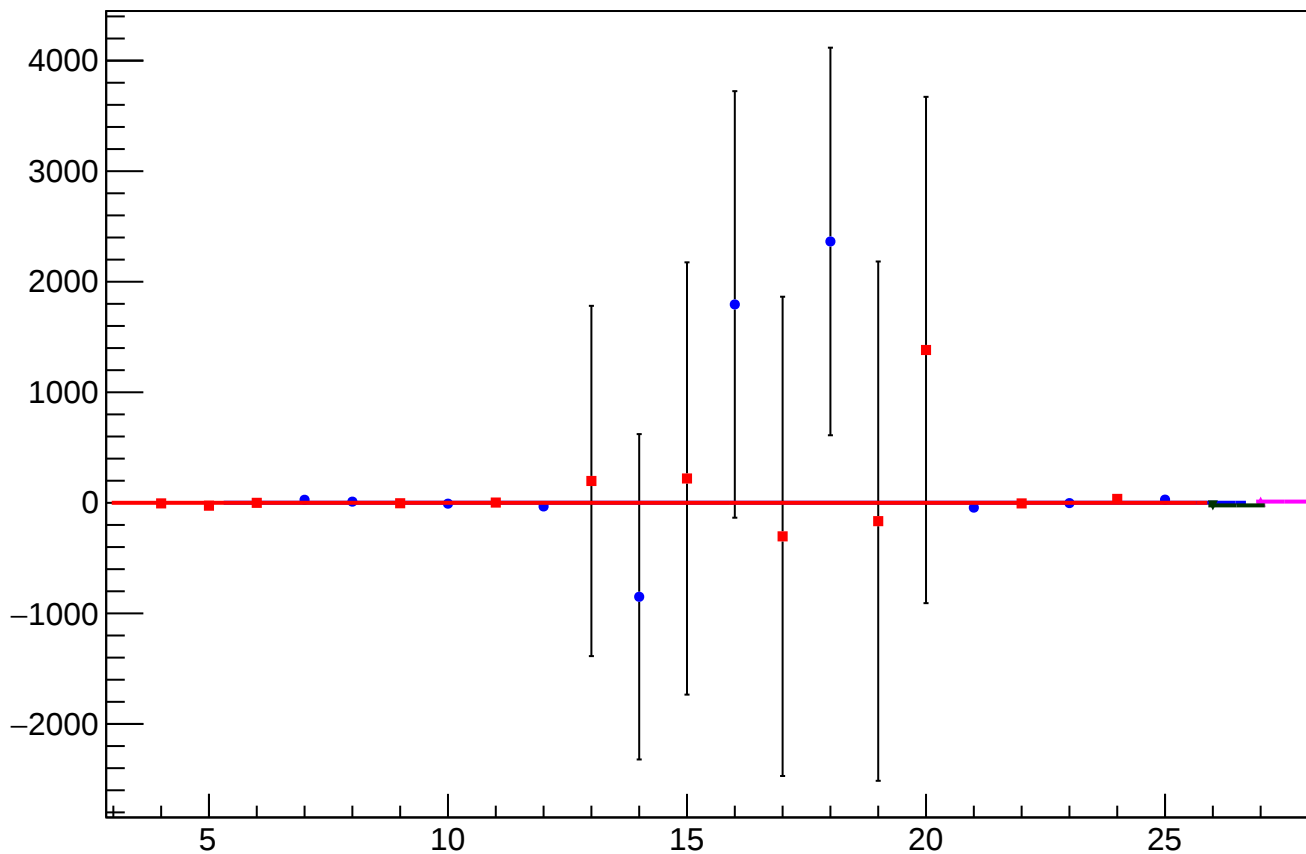
147.172+/-0.048 χ^2/NDF : 4267201.7/10

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

128.867+/-0.042 χ^2/NDF : 5147878.5/12

Left In: 115.603+/-0.090 χ^2/NDF : 0.0/0

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: -23.048+/-25.601 χ^2/NDF : 0.0/0

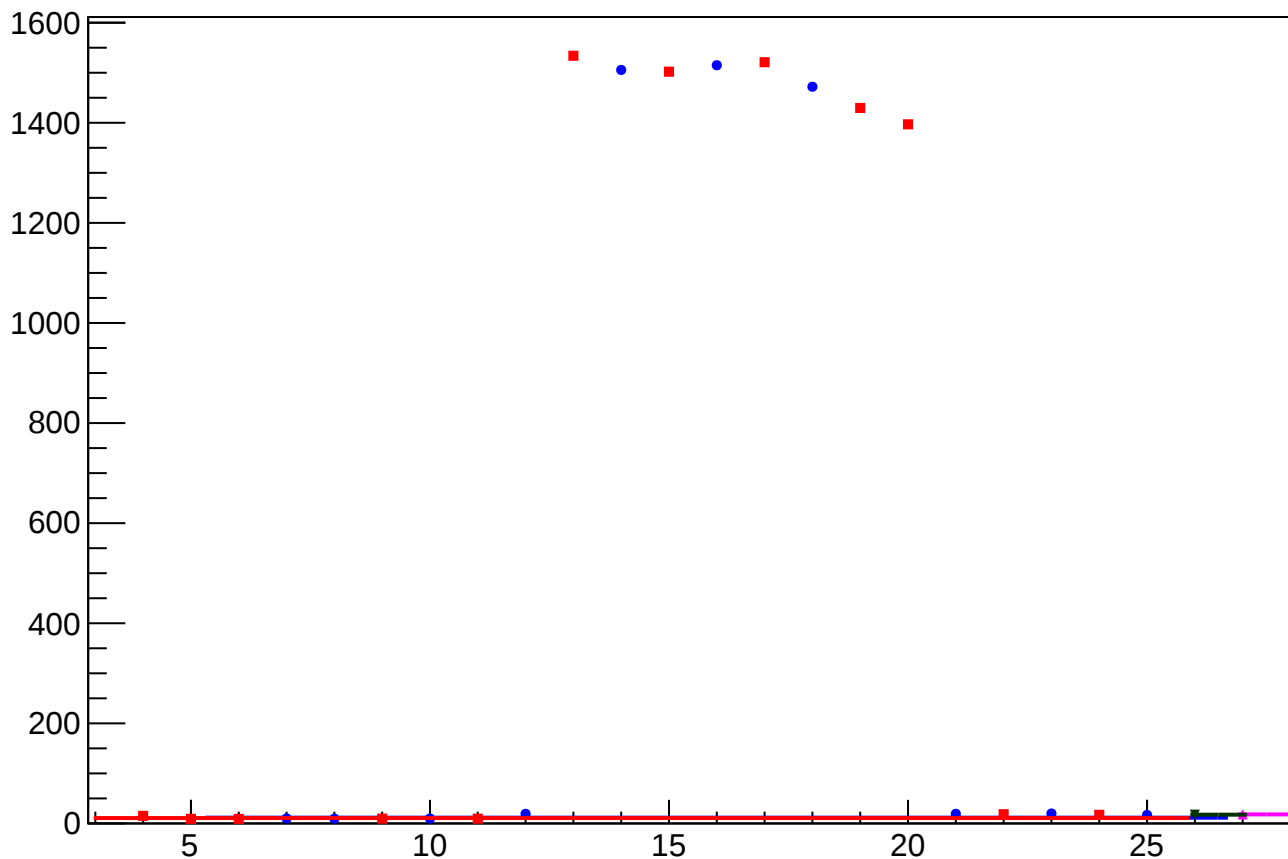
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 11.271+/-19.833 χ^2/NDF : 0.0/0

-0.374+/-6.024 χ^2/NDF : 12.6/10

1.210+/-5.640 χ^2/NDF : 4.2/12

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: 17.533+/-0.018 χ^2/NDF : 0.0/0

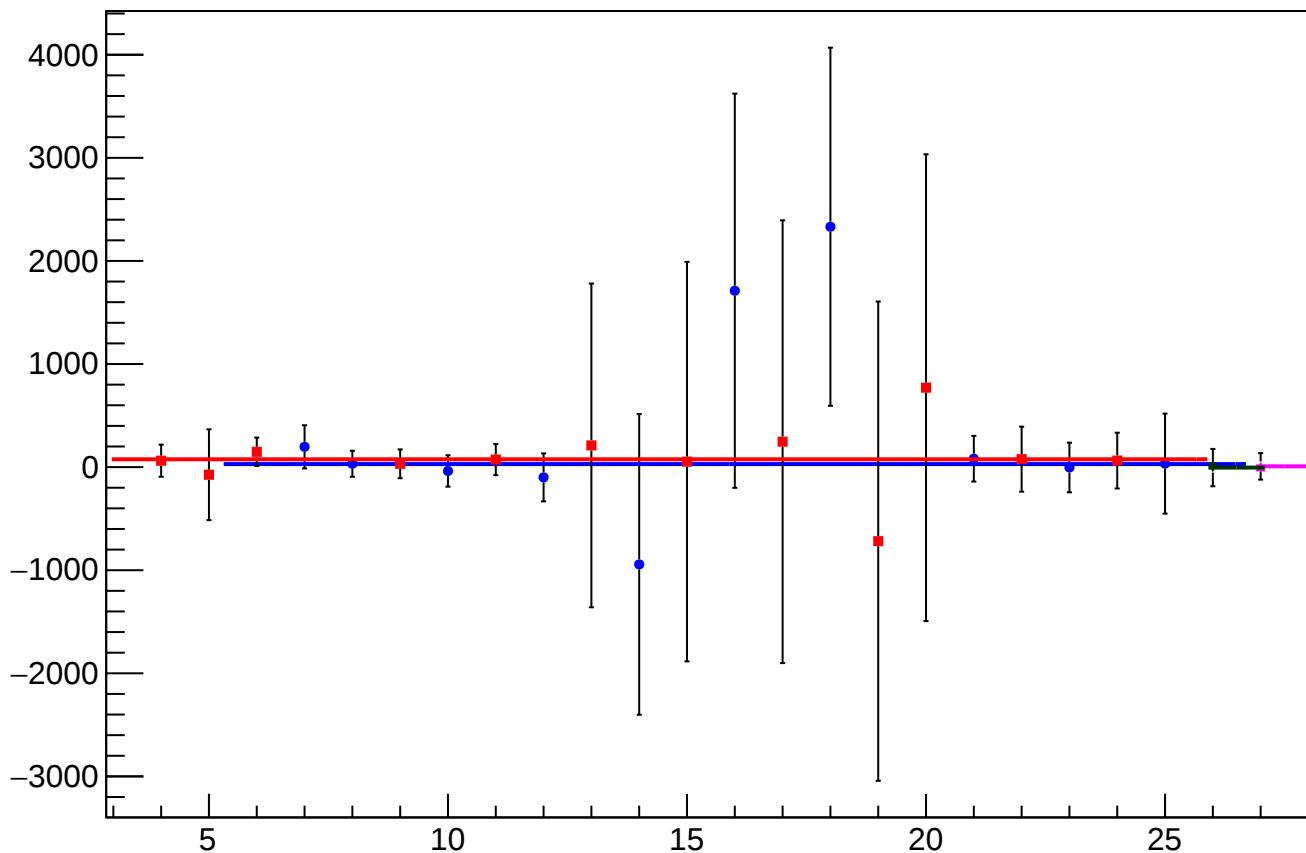
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 18.129+/-0.014 χ^2/NDF : 0.0/0

11.886+/-0.004 χ^2/NDF : 5471122.9/10

11.385+/-0.004 χ^2/NDF : 6174471.1/12

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: -4.541+/-180.981 χ^2/NDF : 0.0/0

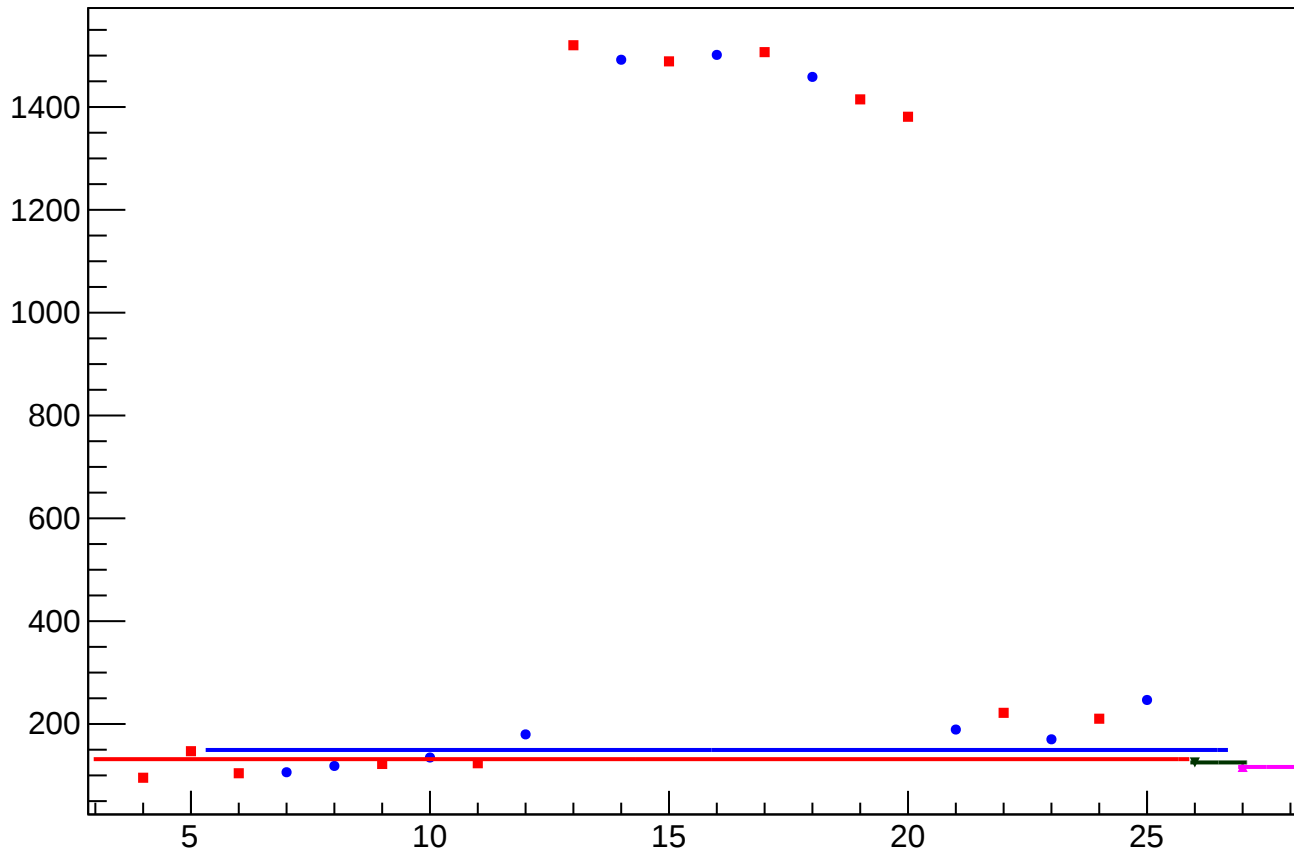
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: 7.590+/-128.434 χ^2/NDF : 0.0/0

24.777+/-67.313 χ^2/NDF : 4.2/10

61.212+/-59.770 χ^2/NDF : 0.9/12

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: 125.214+/-0.128 χ^2/NDF : 0.0/0

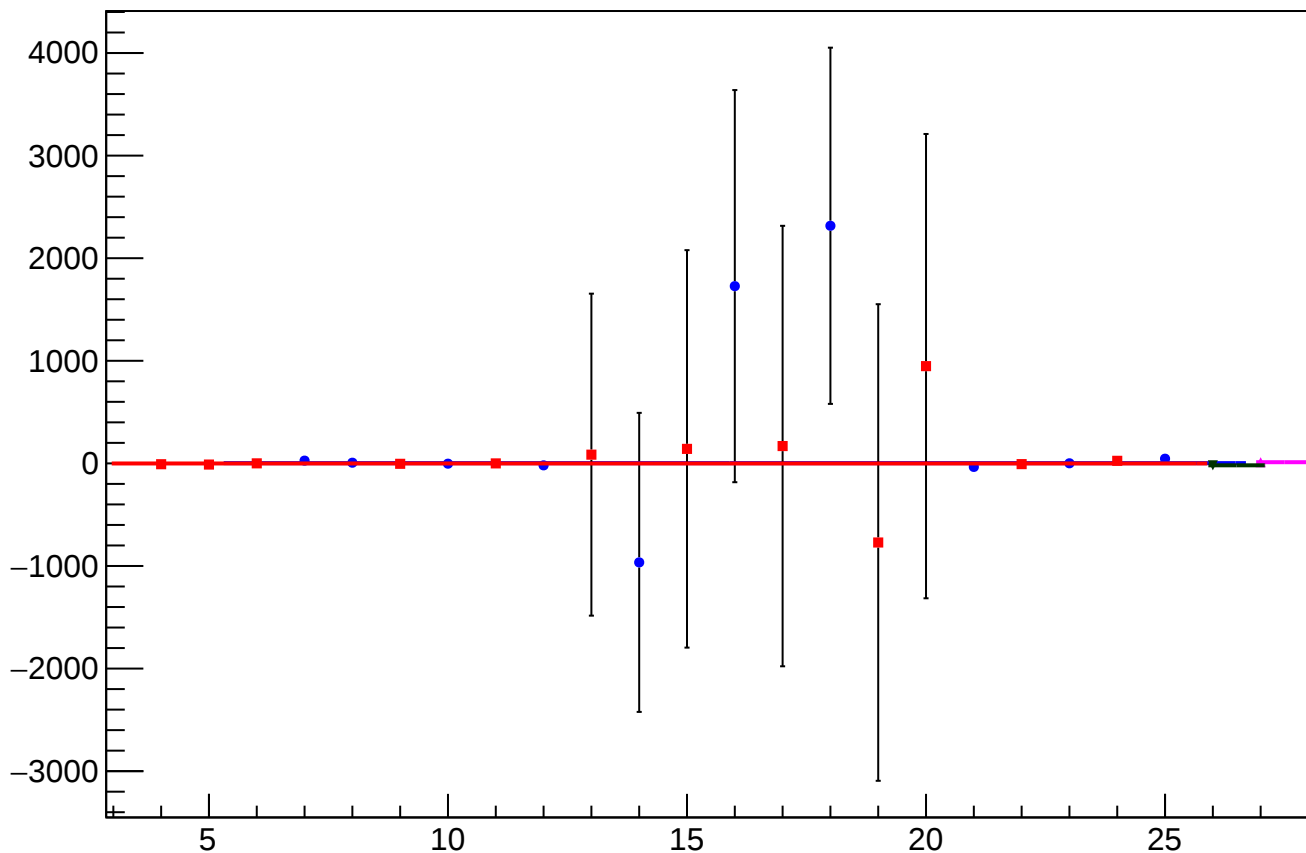
Right Out: 131.616+/-0.048 χ^2/NDF : 5120657.7/11

Left In: 116.442+/-0.091 χ^2/NDF : 0.0/0

146.132+/-0.048 χ^2/NDF : 4280876.5/10

128.329+/-0.042 χ^2/NDF : 5142526.7/12

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: -18.719+/-24.498 χ^2/NDF : 0.0/0

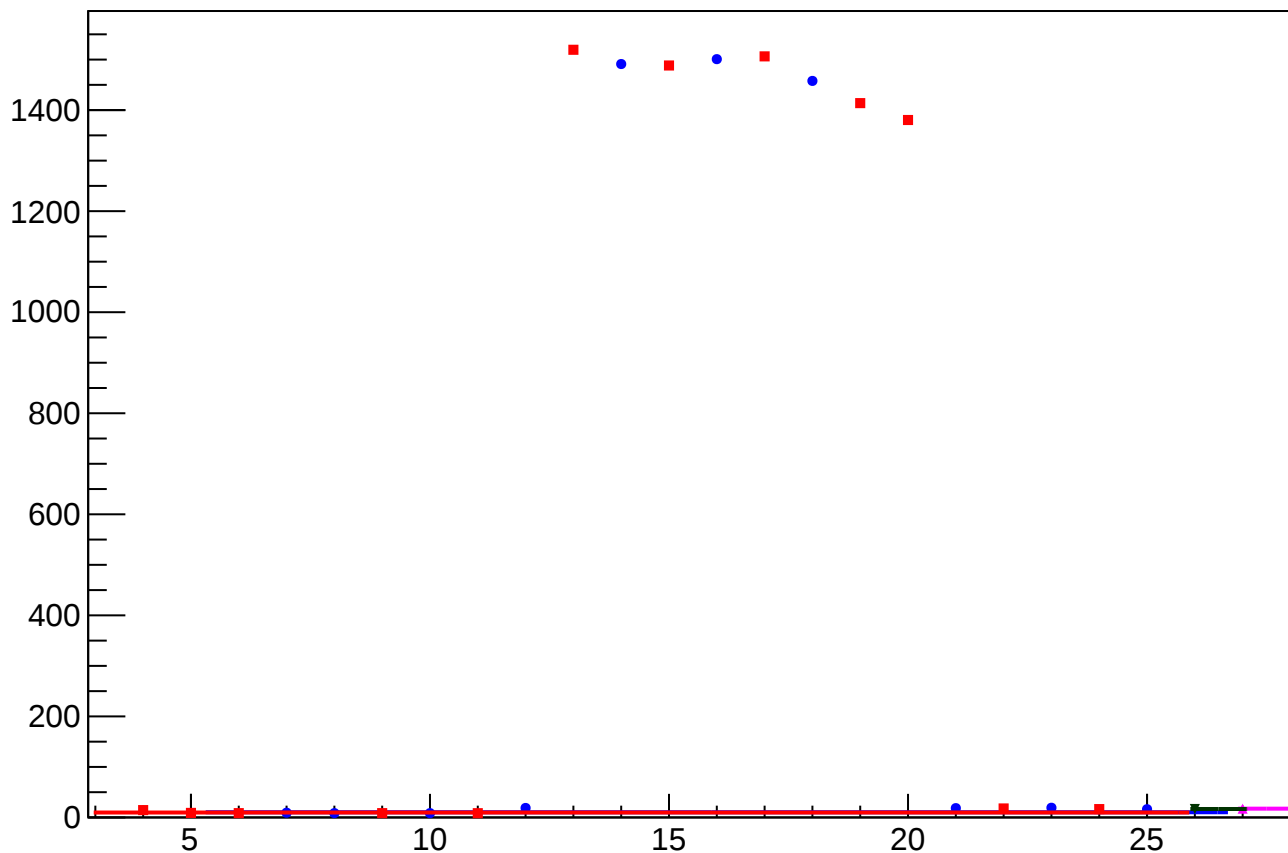
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 11.542+/-19.085 χ^2/NDF : 0.0/0

1.552+/-5.457 χ^2/NDF : 10.8/10

0.107+/-5.164 χ^2/NDF : 2.5/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



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

Left Out: 16.741+/-0.017 χ^2/NDF : 0.0/0

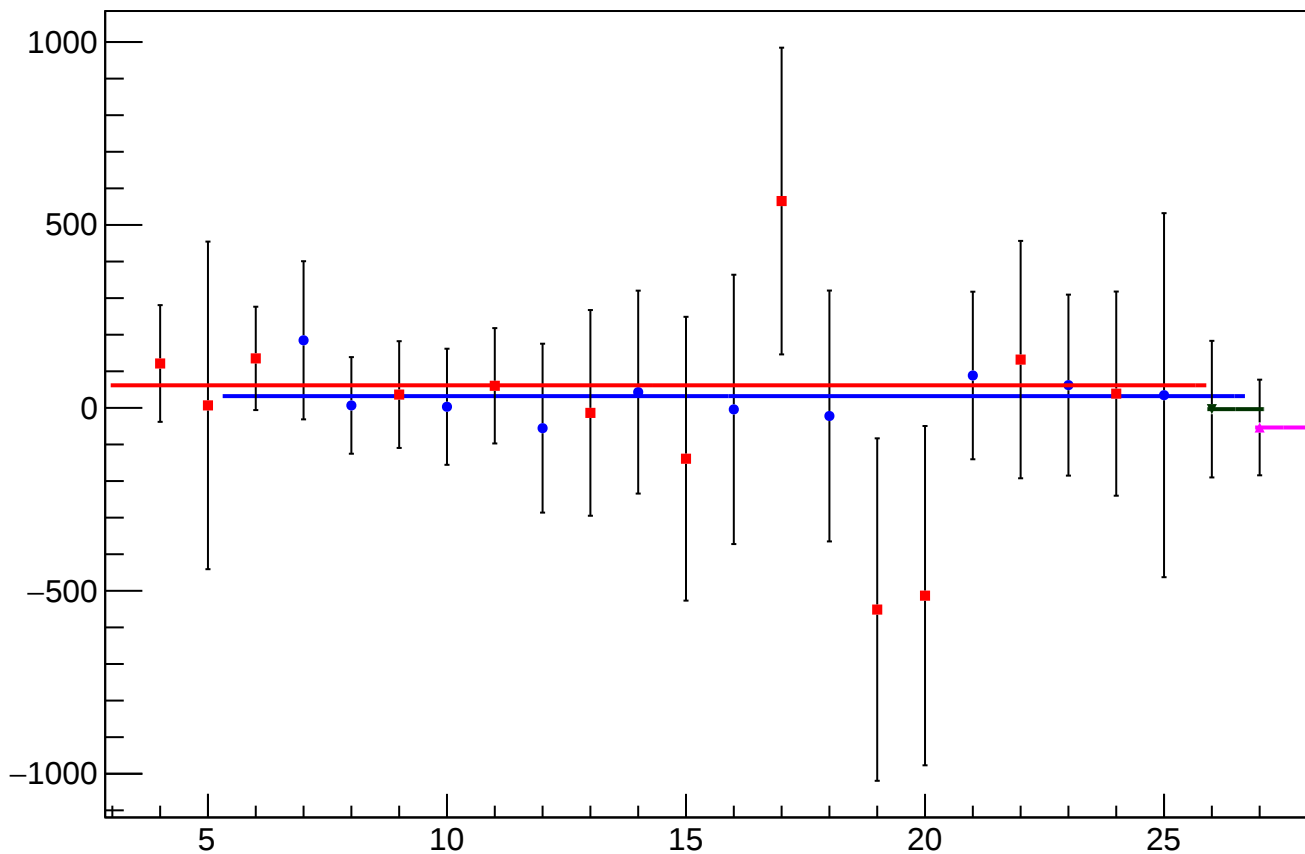
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 17.416+/-0.013 χ^2/NDF : 0.0/0

10.618+/-0.004 χ^2/NDF : 5647413.4/10

10.324+/-0.004 χ^2/NDF : 6306721.9/12

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: -3.434+/-186.672 χ^2/NDF : 0.0/0

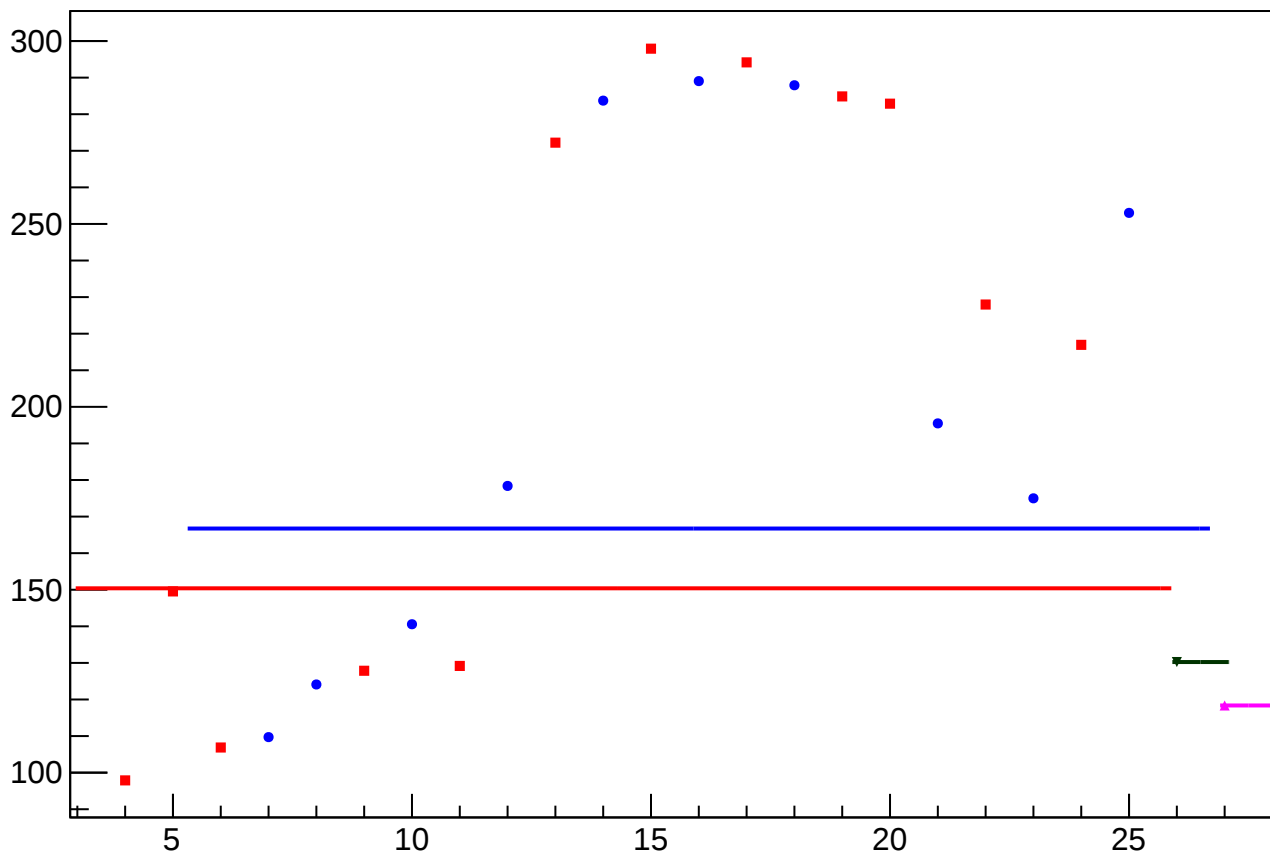
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -53.585+/-130.711 χ^2/NDF : 0.0/0

27.787+/-65.330 χ^2/NDF : 0.9/10

38.960+/-58.053 χ^2/NDF : 6.2/12

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 130.238+/-0.132 χ^2/NDF : 0.0/0

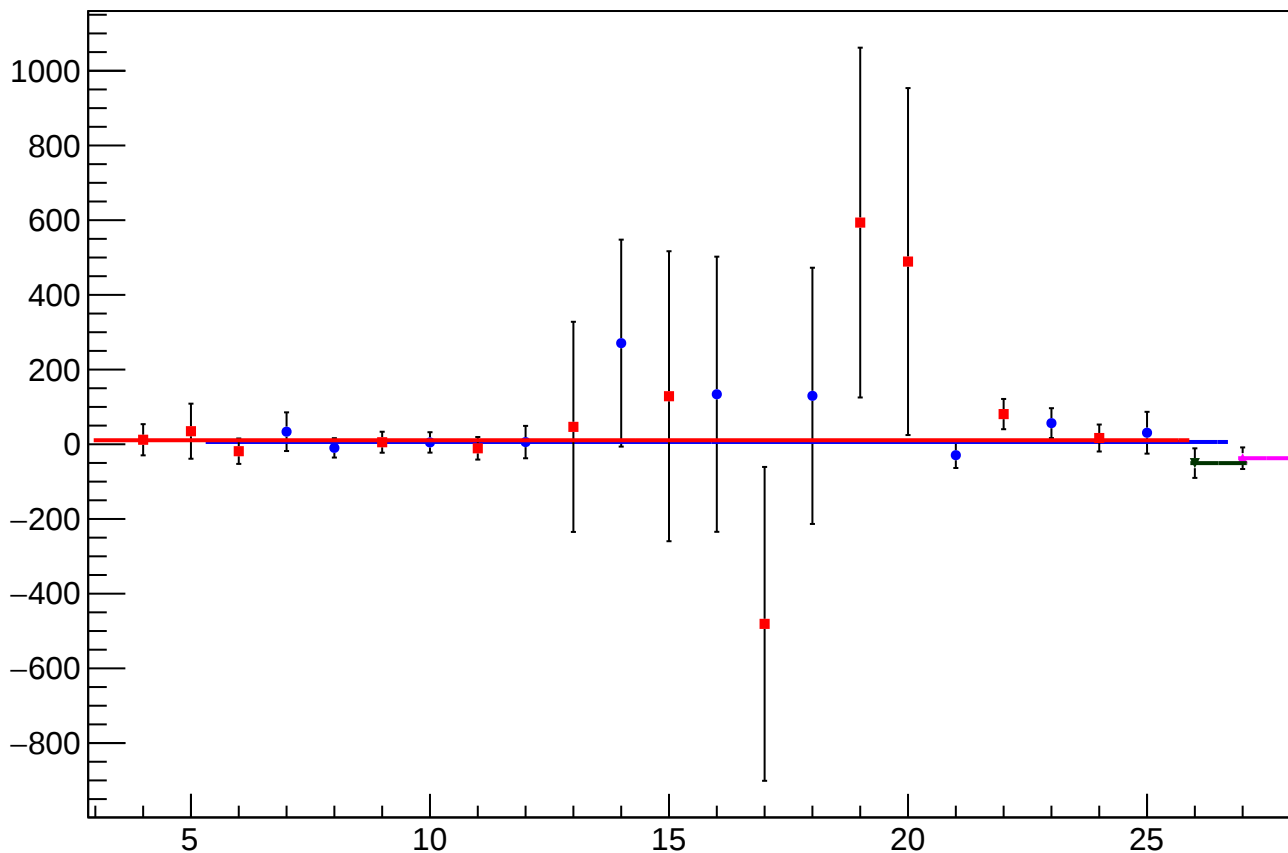
162.265+/-0.046 χ^2/NDF : 1394690.0/10

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

144.075+/-0.041 χ^2/NDF : 2043622.1/12

Left In: 118.366+/-0.092 χ^2/NDF : 0.0/0

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: -50.434 $\pm$ 39.580 χ^2 /NDF: 0.0/0

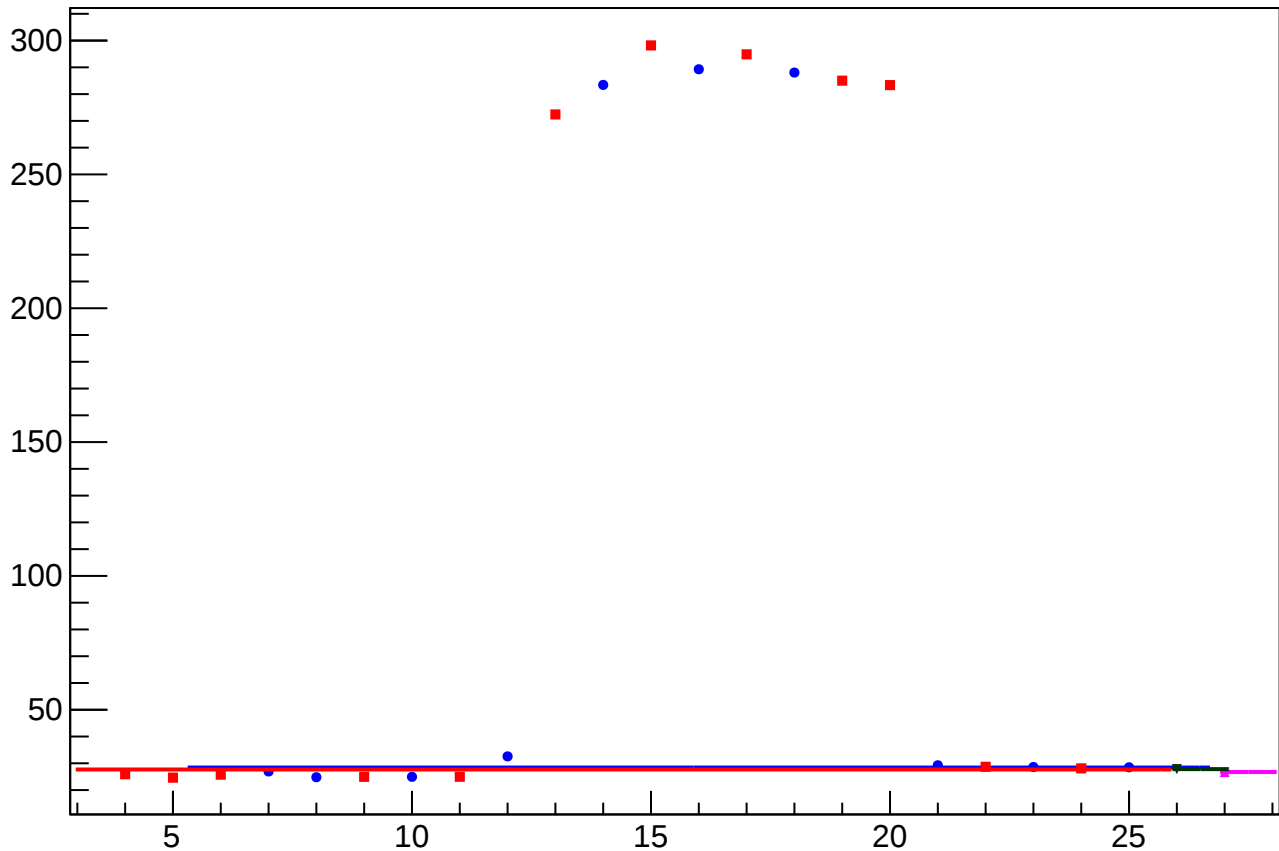
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -37.312 $\pm$ 28.922 χ^2 /NDF: 0.0/0

0.322 $\pm$ 12.714 χ^2 /NDF: 6.5/10

2.075 $\pm$ 12.315 χ^2 /NDF: 10.8/12

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 27.818+/-0.028 χ^2/NDF : 0.0/0

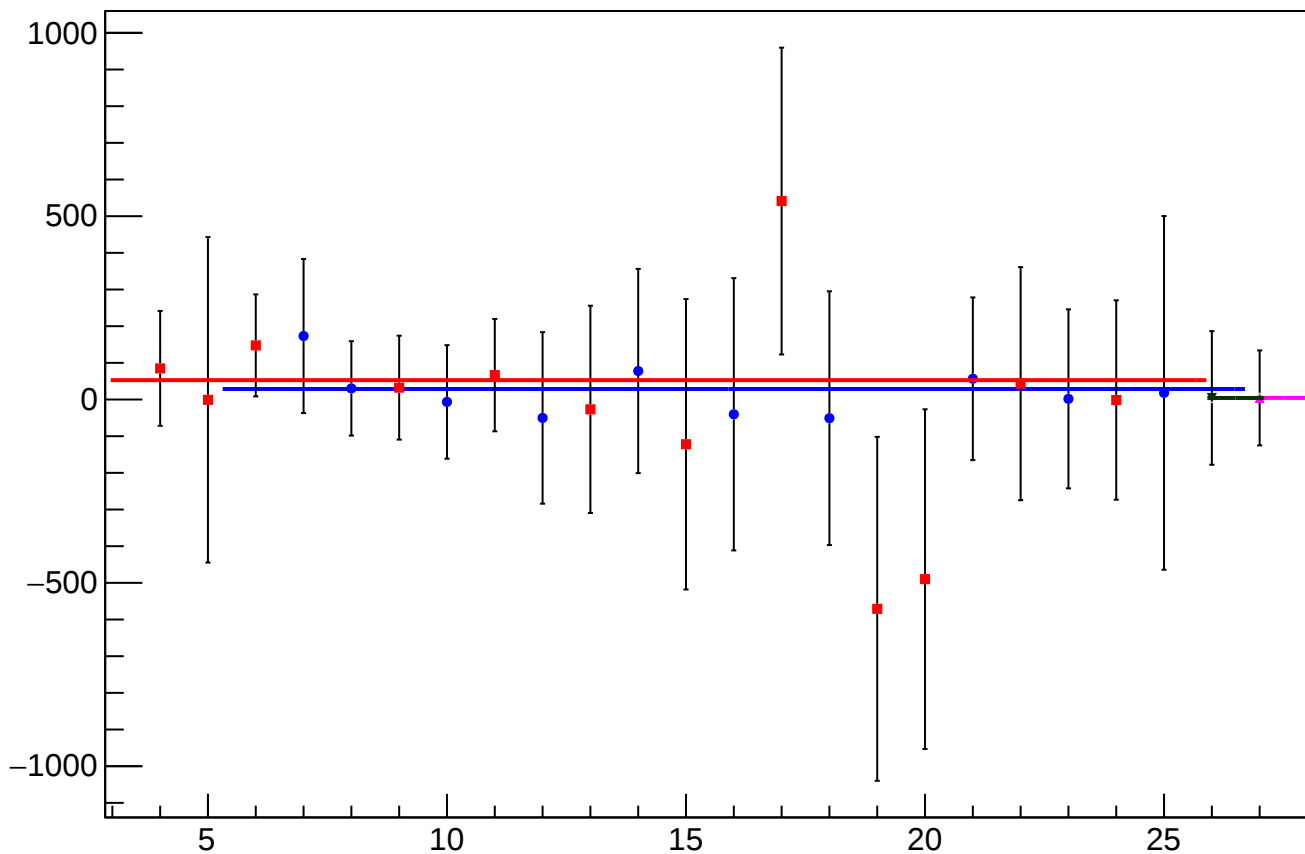
Right Out: 27.683+/-0.010 χ^2/NDF : 4553149.3/11

Left In: 26.756+/-0.020 χ^2/NDF : 0.0/0

28.346+/-0.009 χ^2/NDF : 3936436.9/10

27.515+/-0.009 χ^2/NDF : 4554829.9/12

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: 4.257+/-182.232 χ^2/NDF : 0.0/0

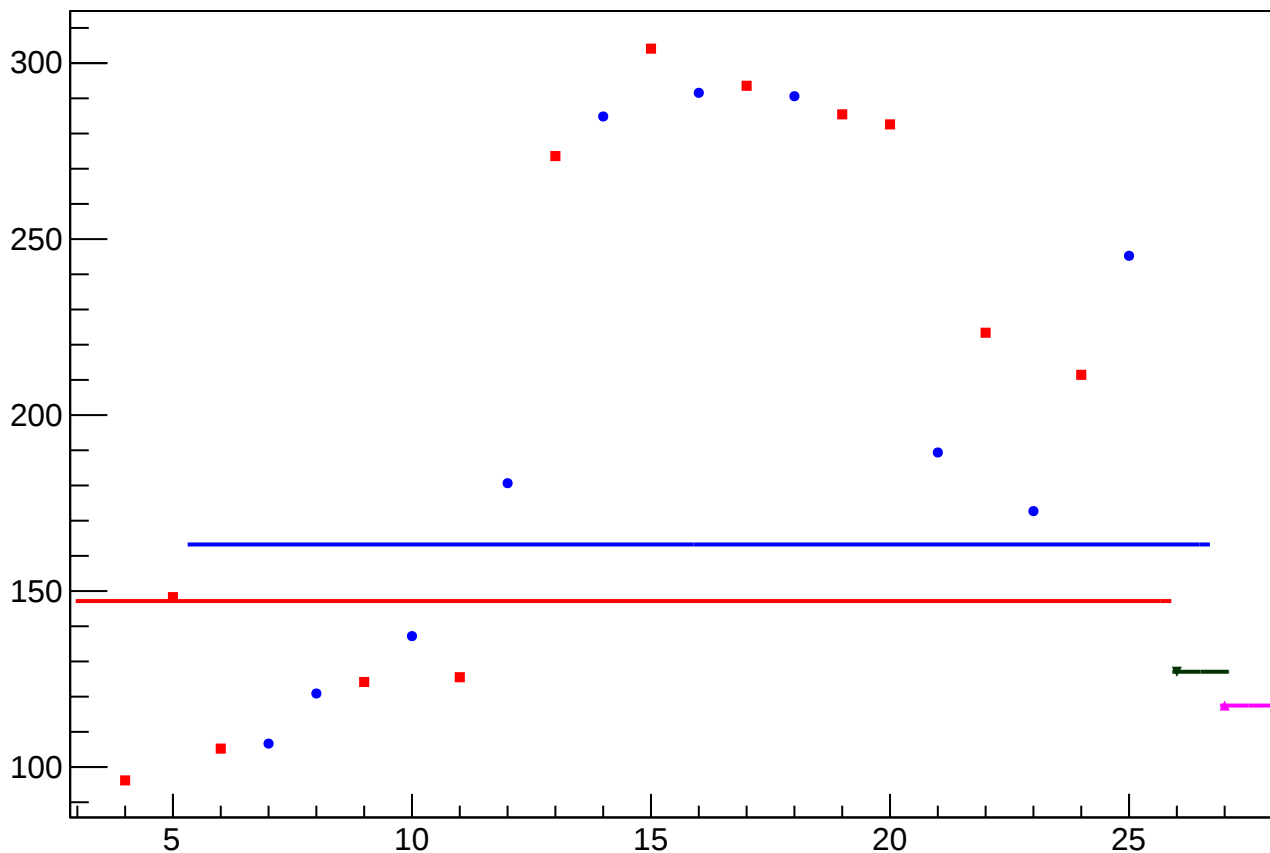
25.669+/-64.145 χ^2/NDF : 0.8/10

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

43.390+/-57.095 χ^2/NDF : 5.5/12

Left In: 4.439+/-129.529 χ^2/NDF : 0.0/0

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: 127.077+/-0.129 χ^2/NDF : 0.0/0

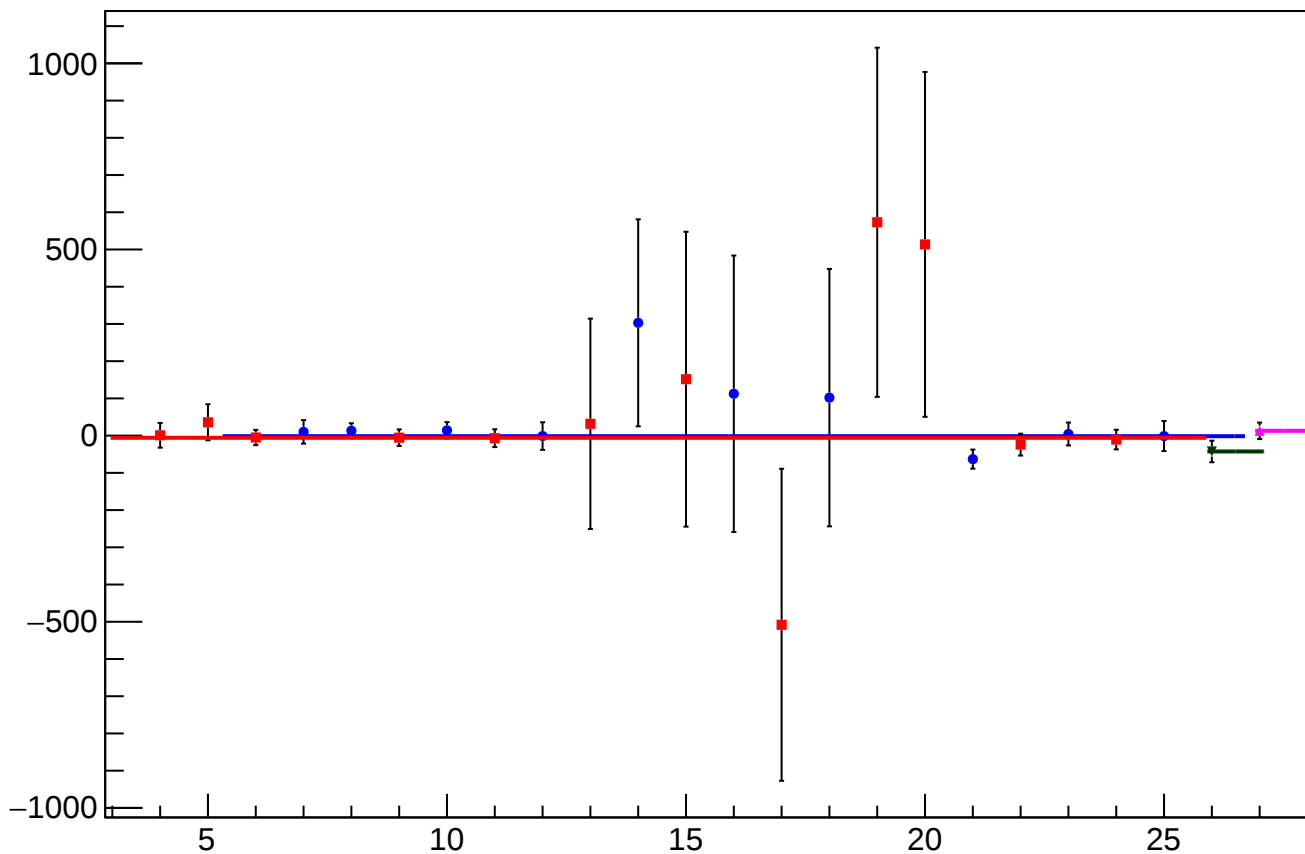
158.758+/-0.045 χ^2/NDF : 1478154.7/10

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

141.392+/-0.040 χ^2/NDF : 2101884.8/12

Left In: 117.471+/-0.092 χ^2/NDF : 0.0/0

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: -42.519 ± 28.964 $\chi^2/\text{NDF}: 0.0/0$

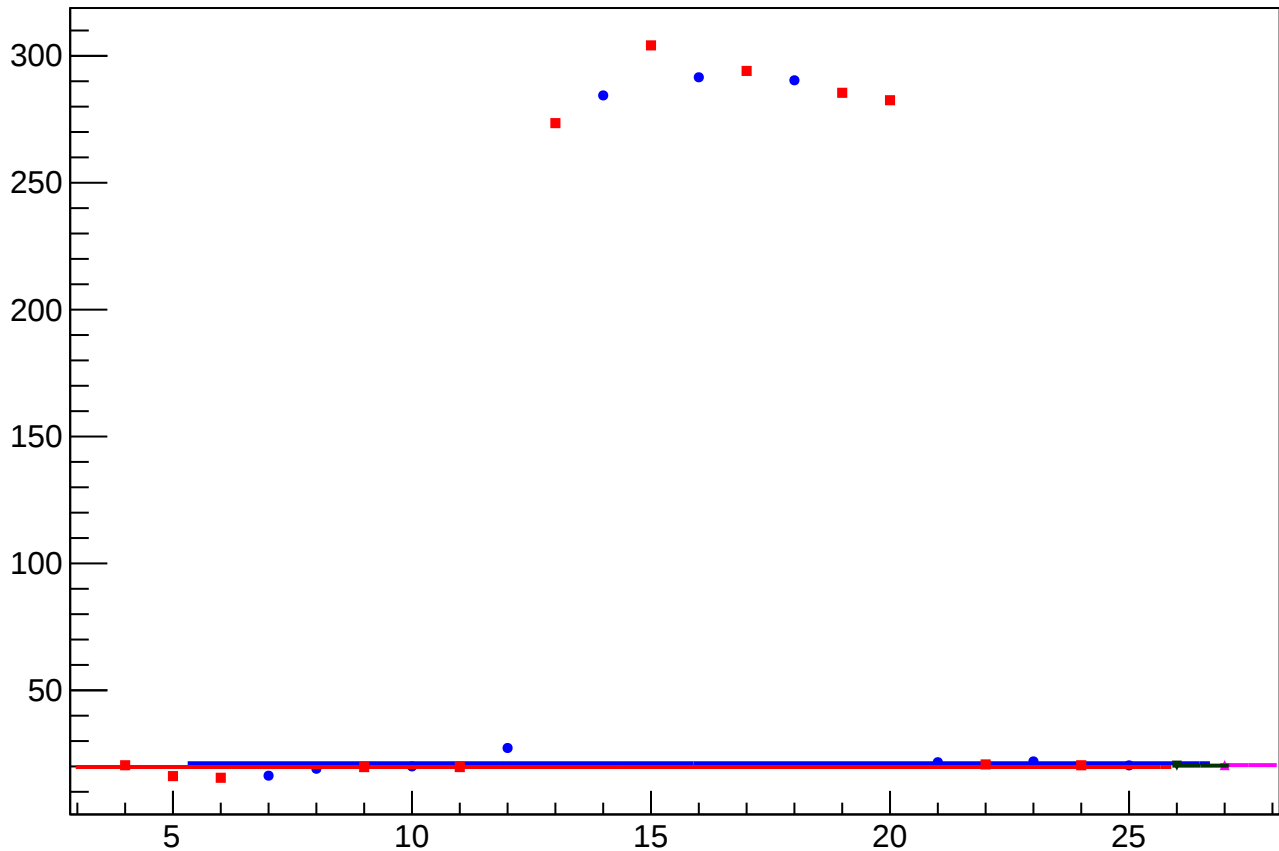
Right Out: -5.806 ± 9.942 $\chi^2/\text{NDF}: 5.6/11$

Left In: 12.952 ± 22.188 $\chi^2/\text{NDF}: 0.0/0$

-6.081 ± 9.662 $\chi^2/\text{NDF}: 10.2/10$

-2.670 ± 9.073 $\chi^2/\text{NDF}: 6.2/12$

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: 20.317+/-0.020 χ^2/NDF : 0.0/0

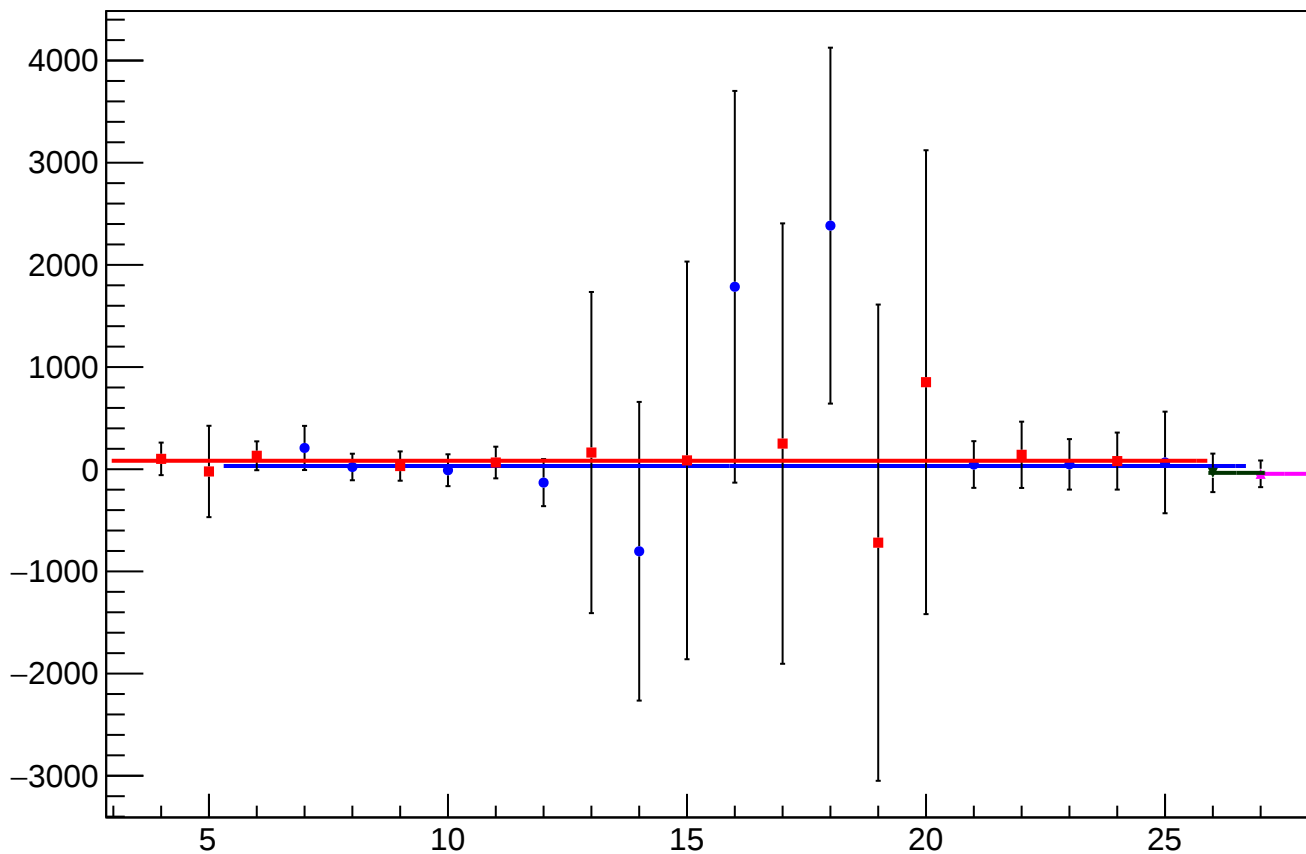
Right Out: 19.779+/-0.007 χ^2/NDF : 4888350.3/11

Left In: 20.514+/-0.016 χ^2/NDF : 0.0/0

21.151+/-0.007 χ^2/NDF : 4198549.9/10

19.902+/-0.006 χ^2/NDF : 4890178.5/12

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: -35.514+/-188.358 χ^2/NDF : 0.0/0

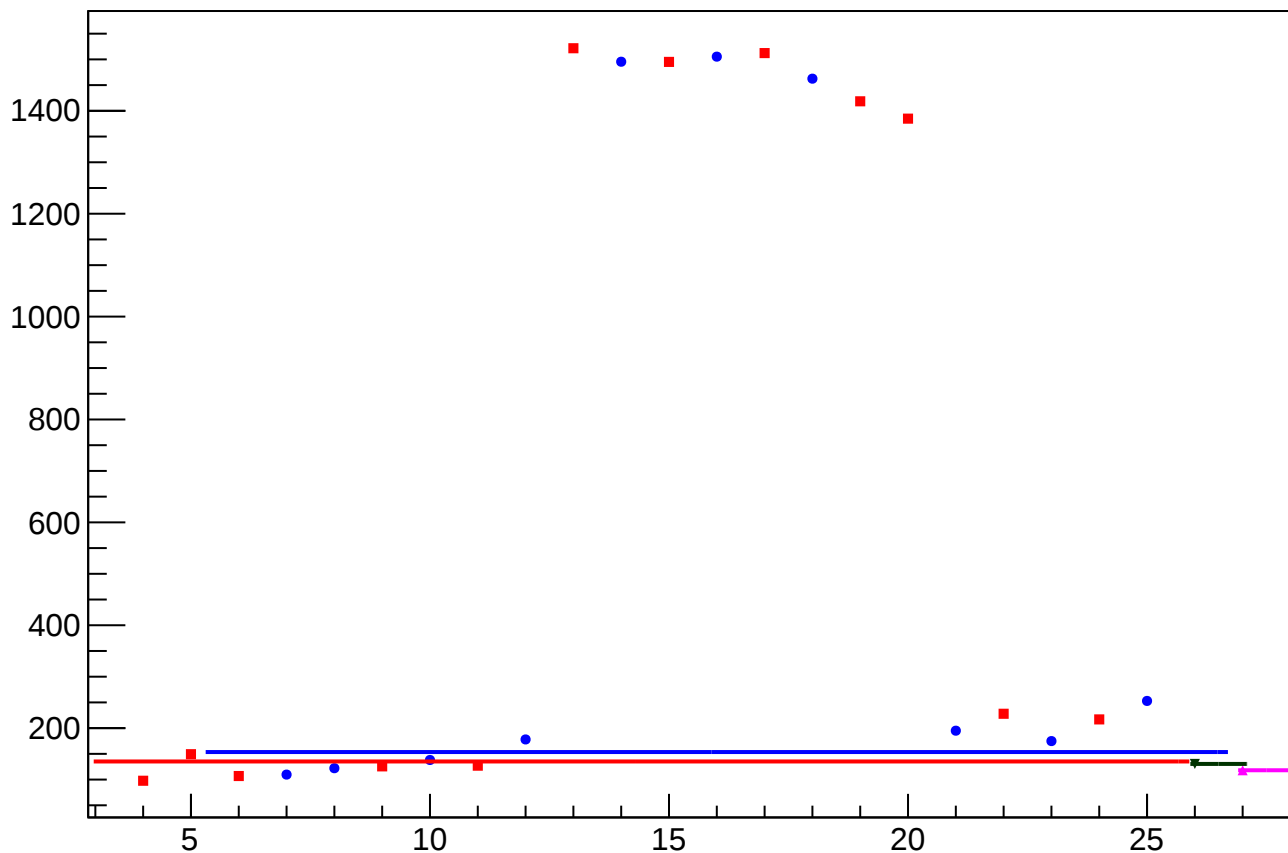
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -44.907+/-130.457 χ^2/NDF : 0.0/0

22.557+/-69.086 χ^2/NDF : 4.4/10

54.789+/-61.181 χ^2/NDF : 1.4/12

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 130.413+/-0.133 χ^2/NDF : 0.0/0

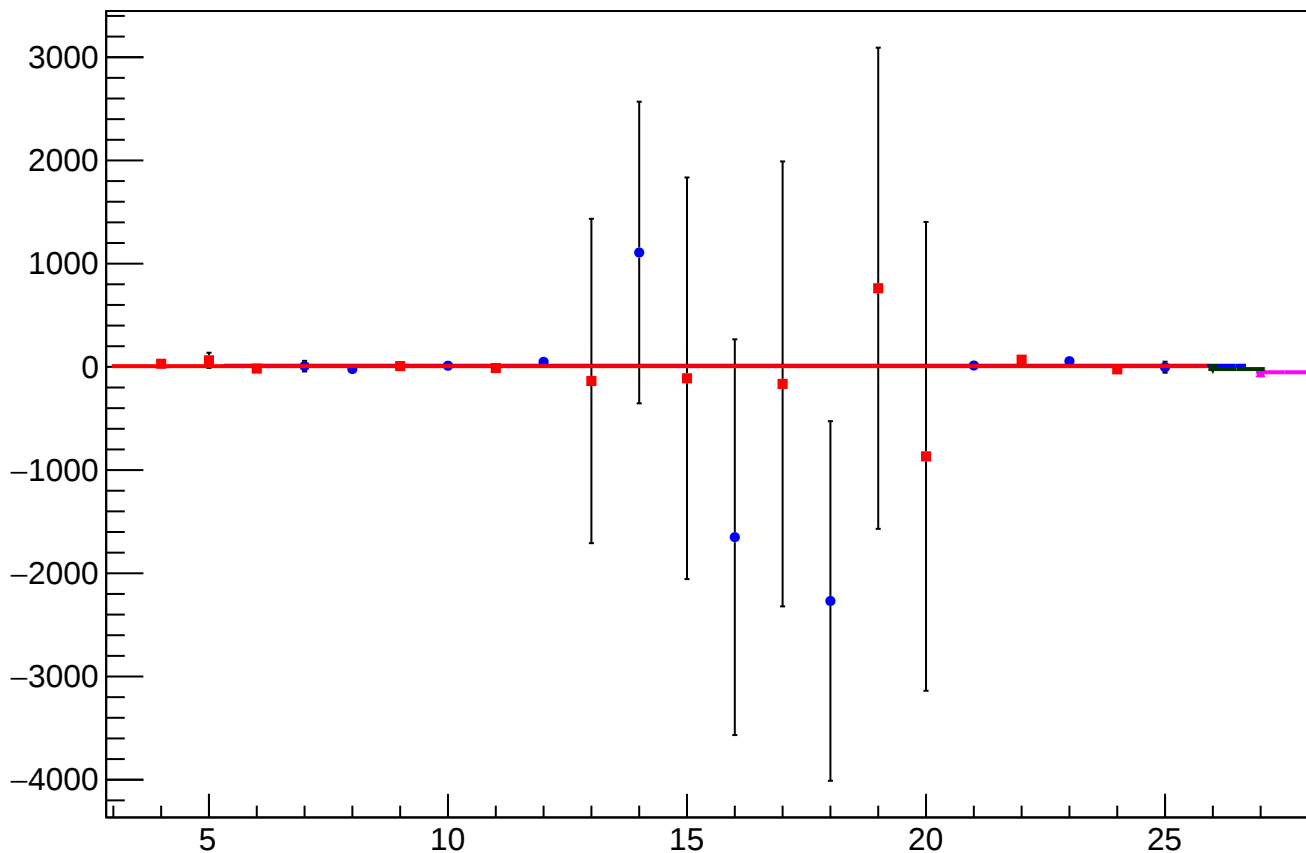
Right Out: 135.194+/-0.049 χ^2/NDF : 5104872.2/11

Left In: 118.109+/-0.092 χ^2/NDF : 0.0/0

150.413+/-0.049 χ^2/NDF : 4238412.6/10

131.436+/-0.043 χ^2/NDF : 5131630.6/12

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: -21.329+/-38.479 χ^2/NDF : 0.0/0

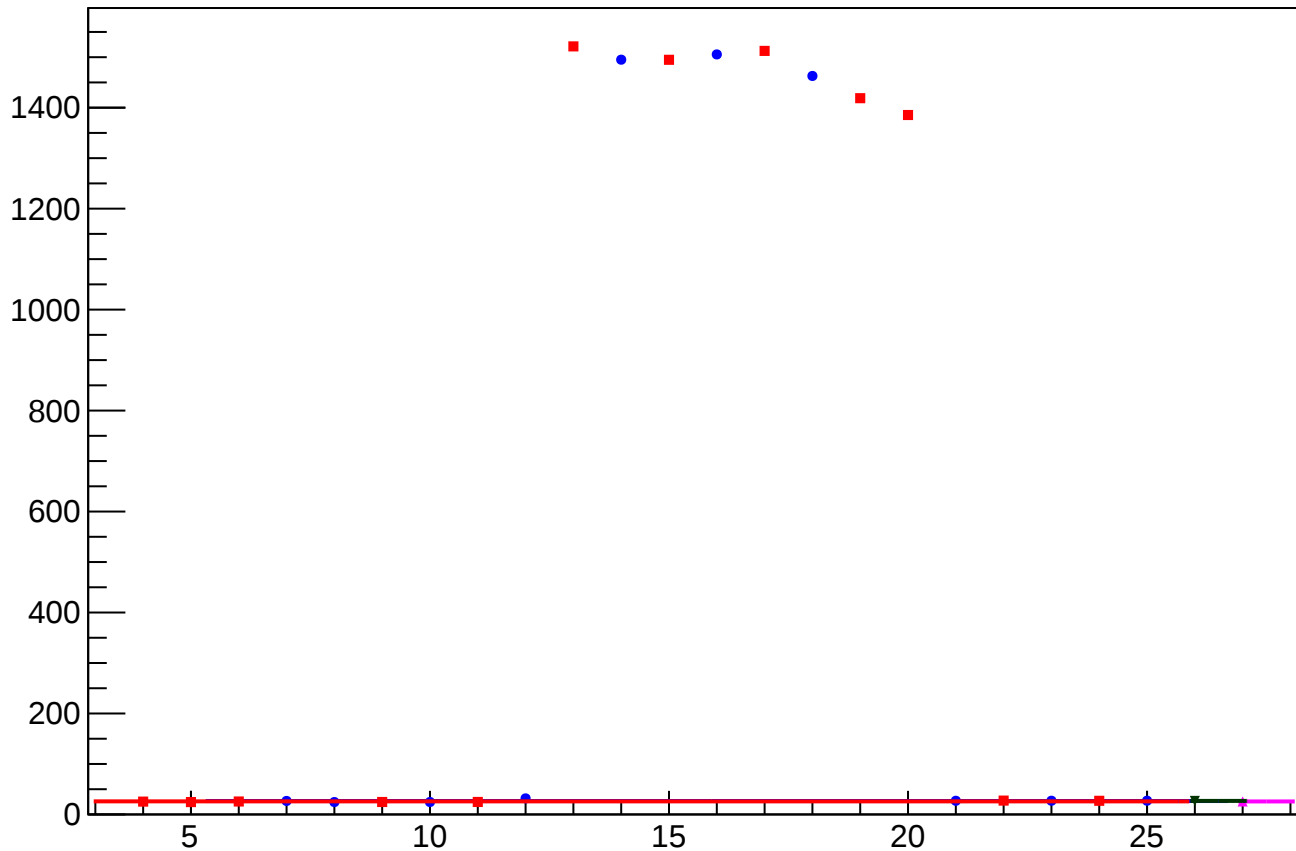
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -52.307+/-27.837 χ^2/NDF : 0.0/0

7.457+/-12.367 χ^2/NDF : 7.4/10

-4.214+/-12.081 χ^2/NDF : 9.2/12

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: 26.827+/-0.027 χ^2/NDF : 0.0/0

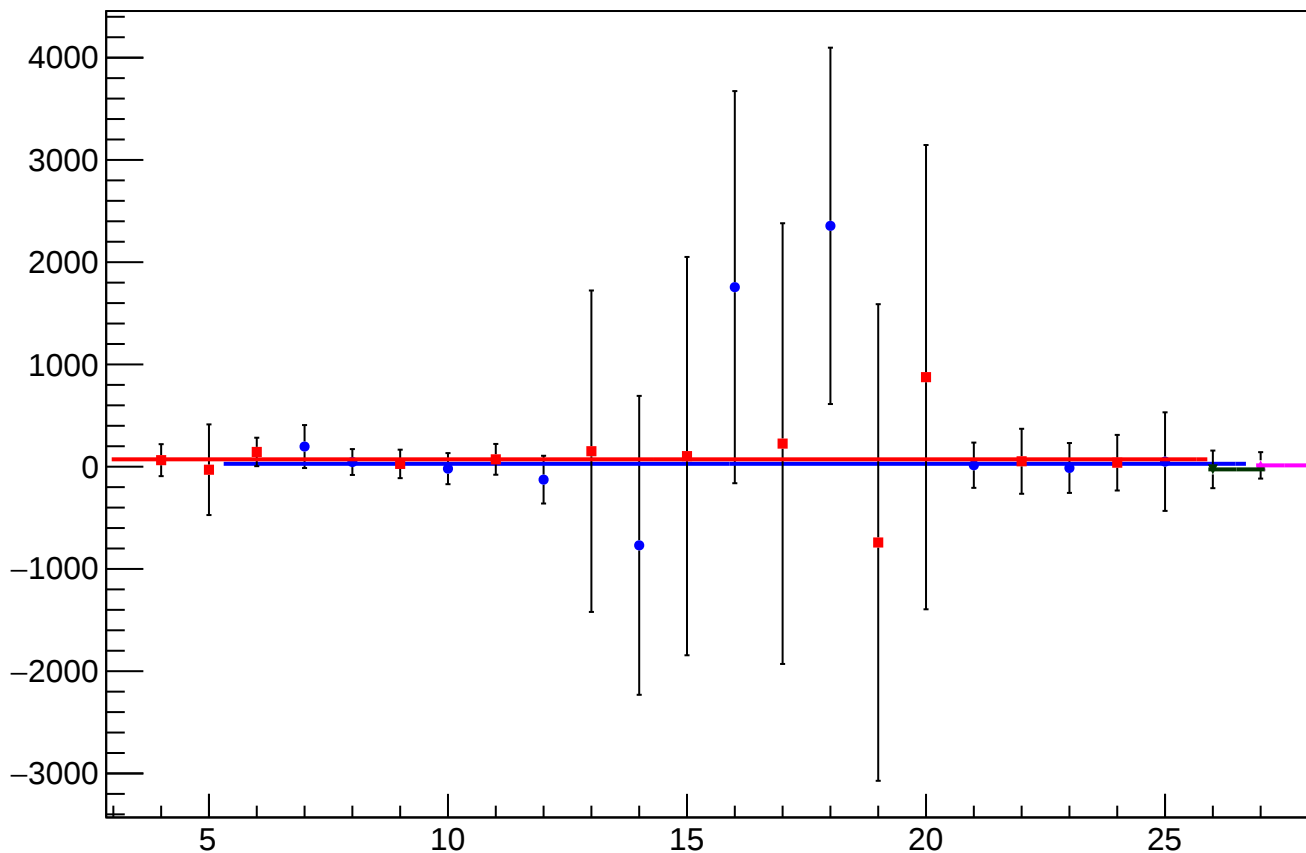
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 25.772+/-0.020 χ^2/NDF : 0.0/0

26.617+/-0.009 χ^2/NDF : 4624064.6/10

25.911+/-0.009 χ^2/NDF : 5347024.7/12

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: -26.259+/-183.854 χ^2/NDF : 0.0/0

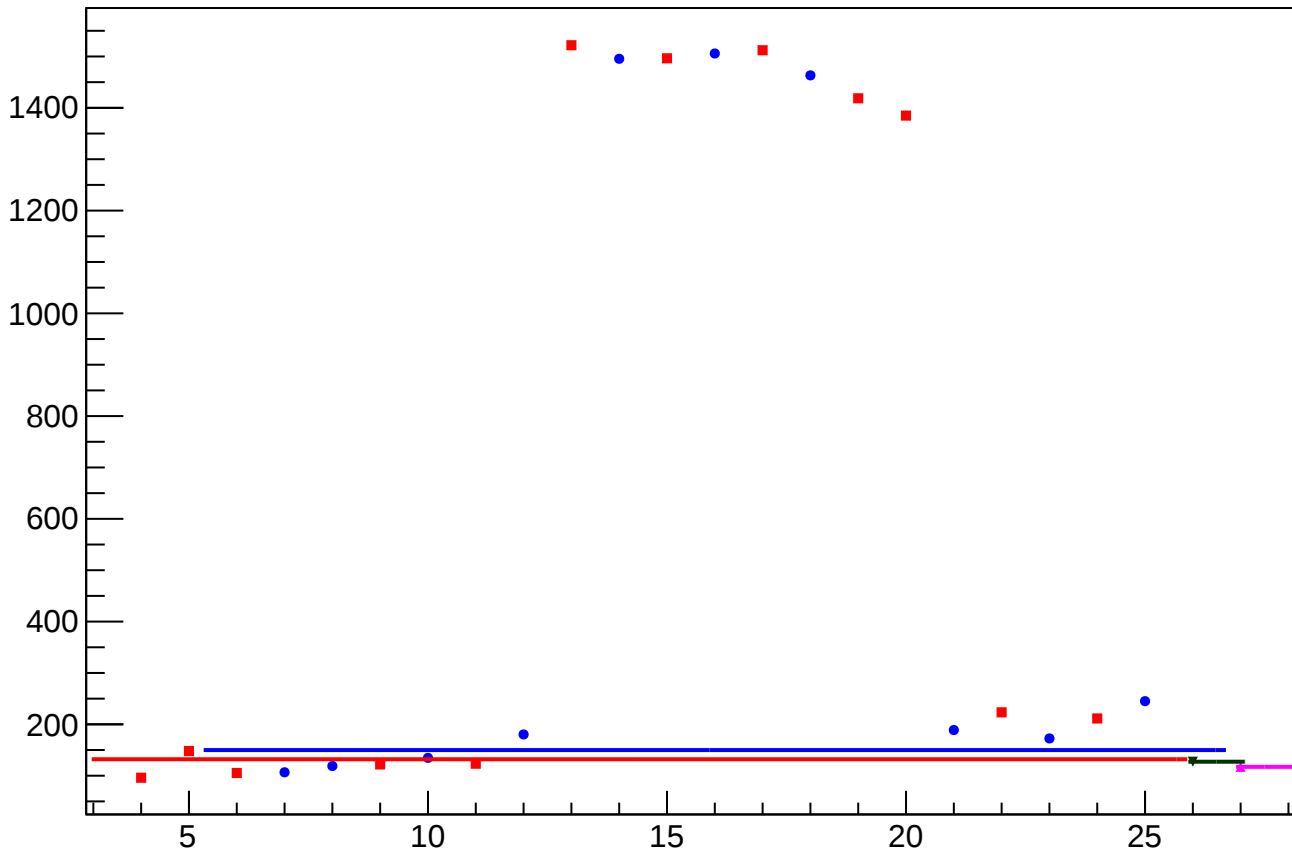
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: 12.906+/-129.292 χ^2/NDF : 0.0/0

20.927+/-67.584 χ^2/NDF : 4.2/10

59.304+/-59.985 χ^2/NDF : 0.9/12

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 127.226+/-0.130 χ^2/NDF : 0.0/0

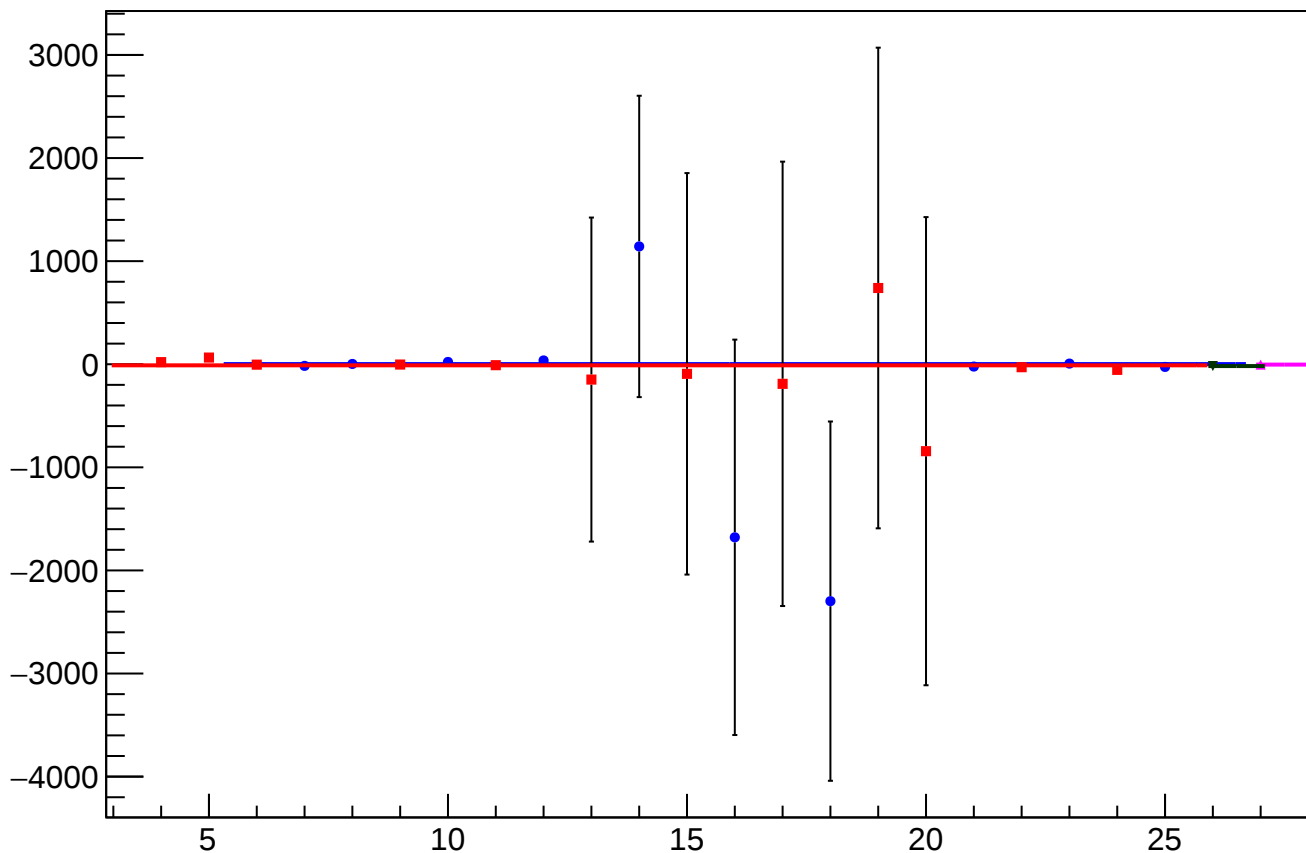
146.837+/-0.048 χ^2/NDF : 4273732.5/10

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

128.849+/-0.042 χ^2/NDF : 5140264.6/12

Left In: 117.231+/-0.091 χ^2/NDF : 0.0/0

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: -17.740+/-27.460 χ^2/NDF : 0.0/0

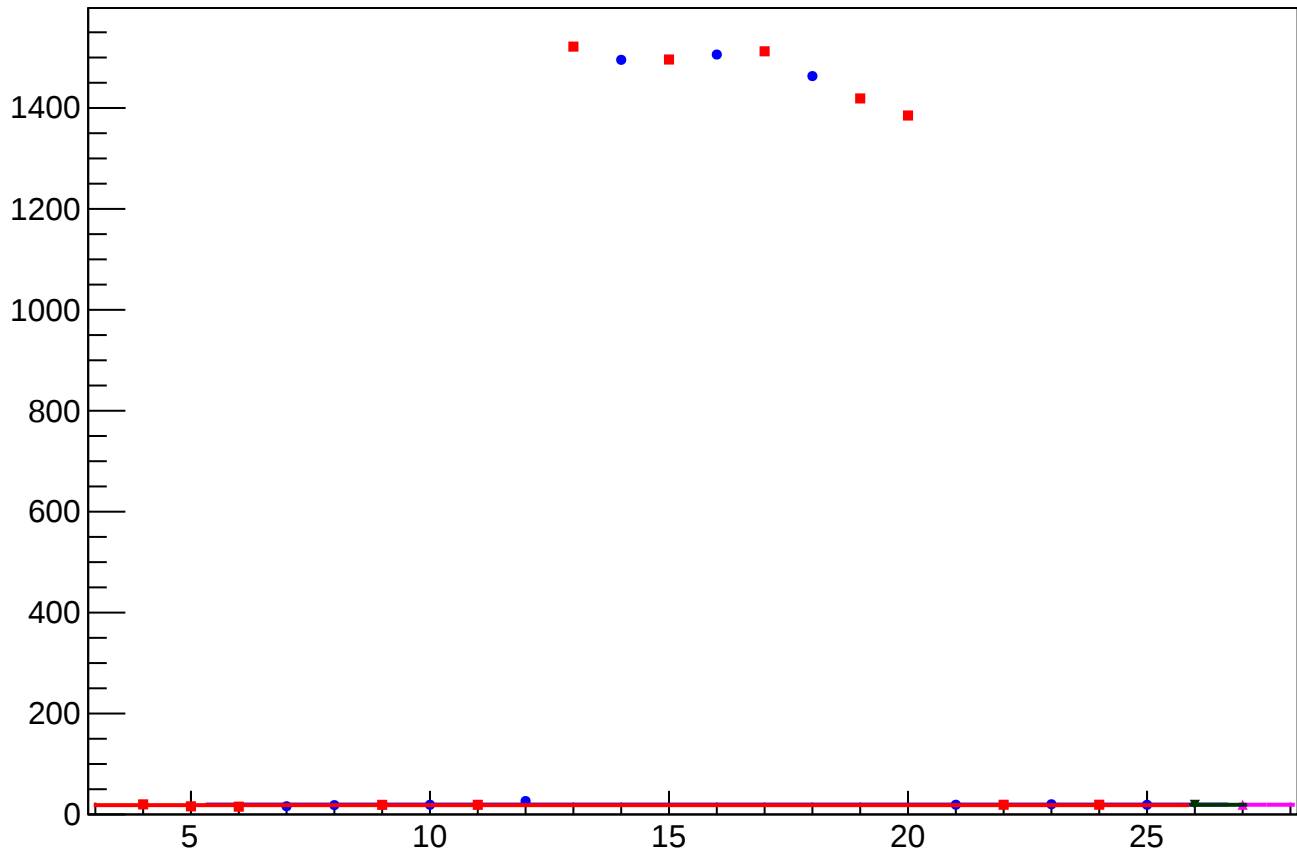
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

Left In: -3.529+/-20.781 χ^2/NDF : 0.0/0

-0.695+/-9.130 χ^2/NDF : 7.5/10

-9.309+/-8.718 χ^2/NDF : 7.5/12

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: 19.141+/-0.019 χ^2/NDF : 0.0/0

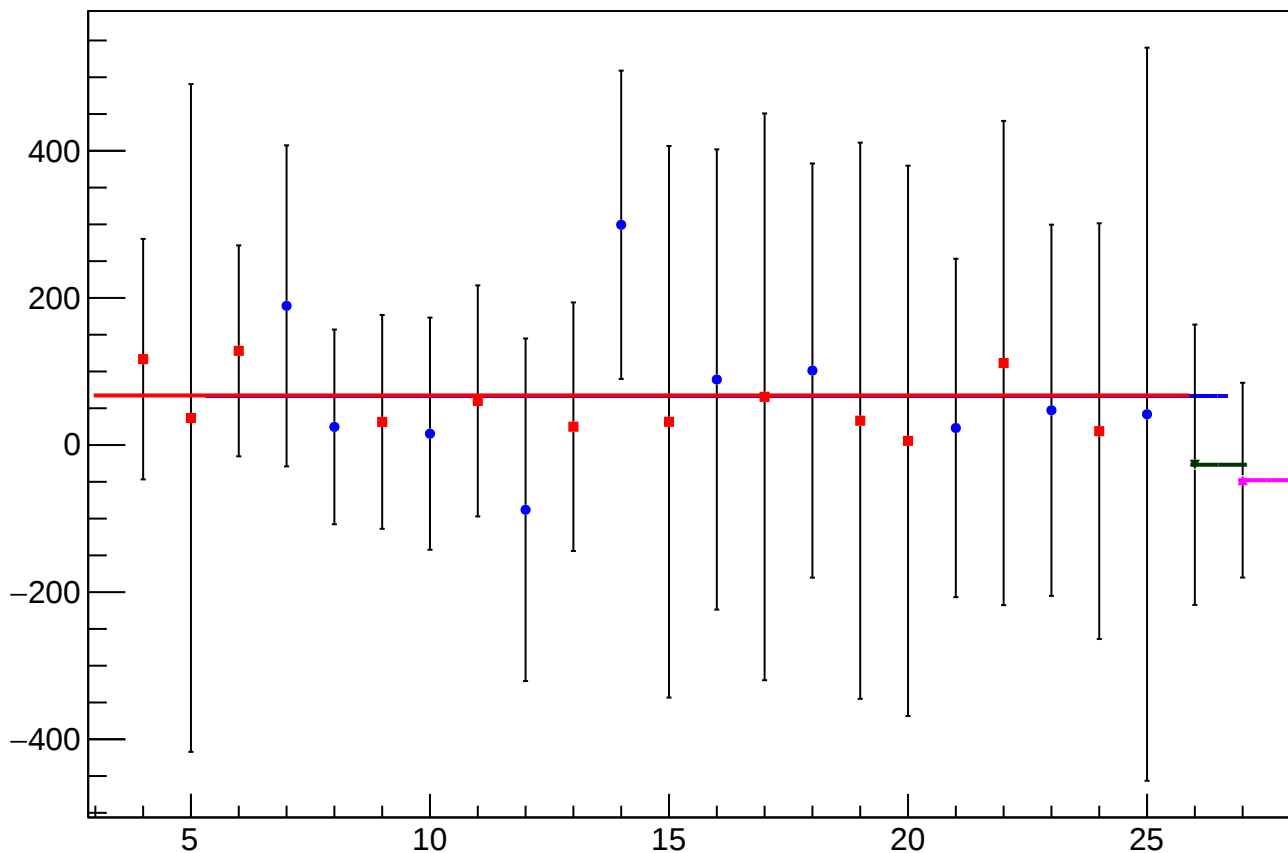
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 19.248+/-0.015 χ^2/NDF : 0.0/0

19.485+/-0.006 χ^2/NDF : 4722473.3/10

18.583+/-0.006 χ^2/NDF : 5451579.9/12

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: -26.796+/-190.573 χ^2/NDF : 0.0/0

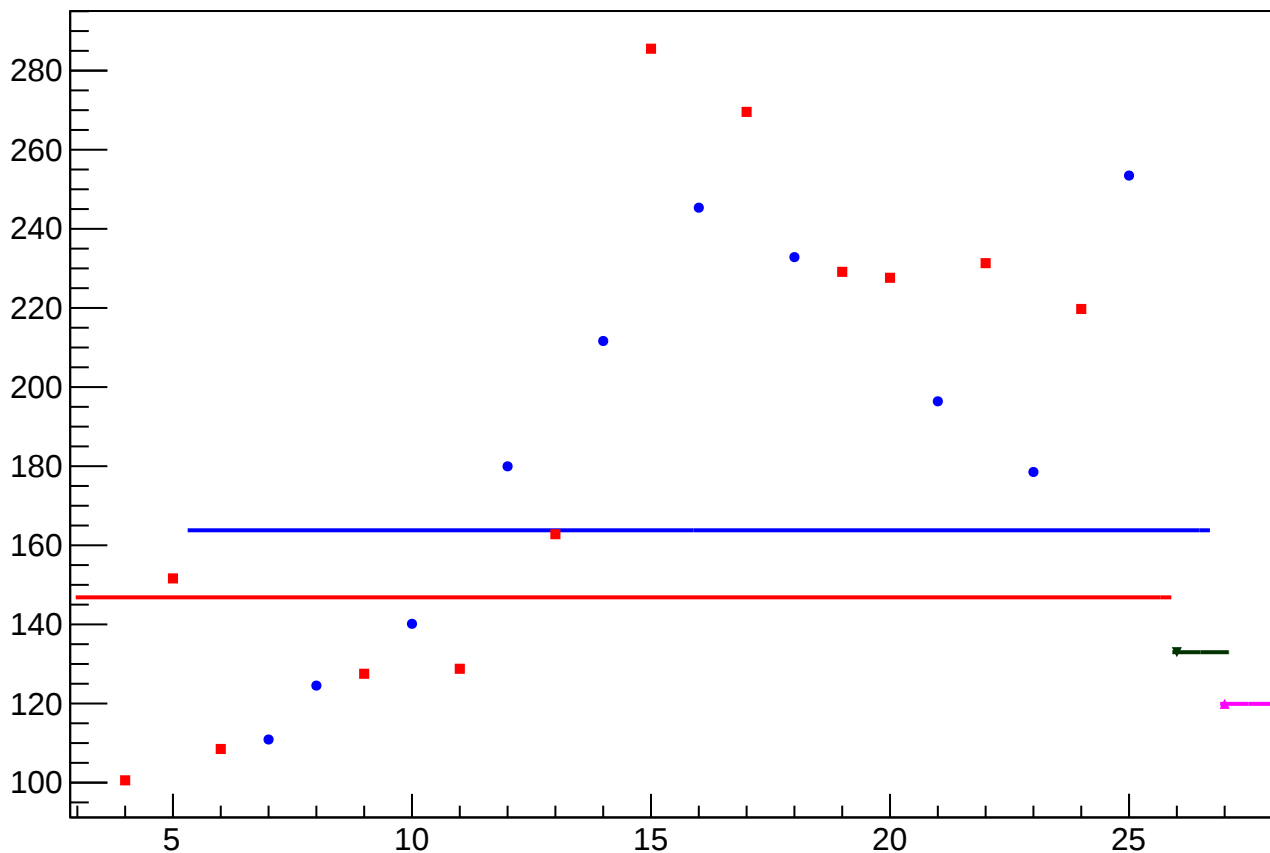
Right Out: 67.441+/-61.599 χ^2/NDF : 0.5/11

Left In: -47.774+/-132.422 χ^2/NDF : 0.0/0

56.330+/-63.443 χ^2/NDF : 2.5/10

46.946+/-55.852 χ^2/NDF : 1.1/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 163.792 $\pm$ 0.048 χ^2 /NDF: 820296.7/9

Left Out: 132.973 $\pm$ 0.135 χ^2 /NDF: 0.0/0

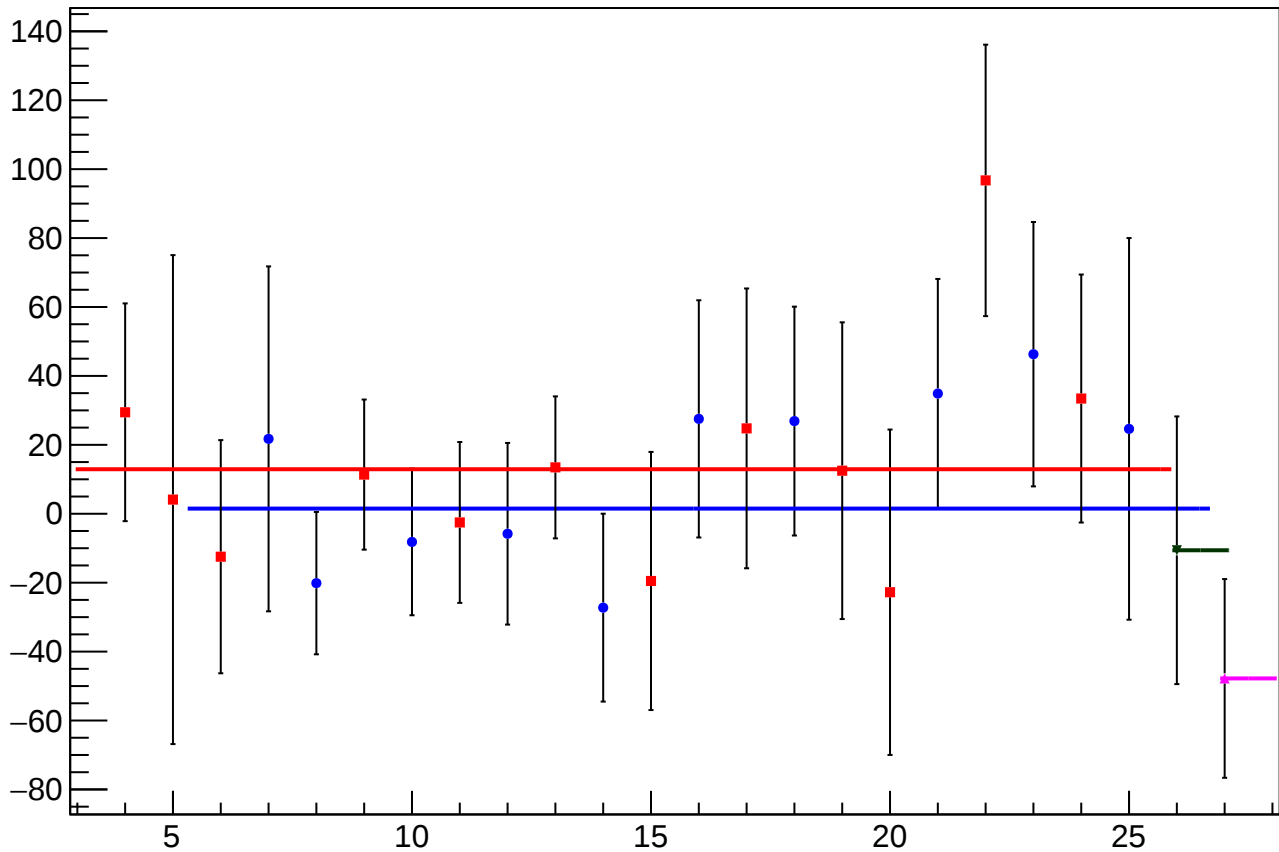
160.377 $\pm$ 0.045 χ^2 /NDF: 866807.4/10

Right Out: 146.841 $\pm$ 0.044 χ^2 /NDF: 1312358.0/11

142.051 $\pm$ 0.039 χ^2 /NDF: 1380324.8/12

Left In: 119.918 $\pm$ 0.094 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 1.499 ± 9.367 $\chi^2/\text{NDF}: 6.4/9$

Left Out: -10.596 ± 38.842 $\chi^2/\text{NDF}: 0.0/0$

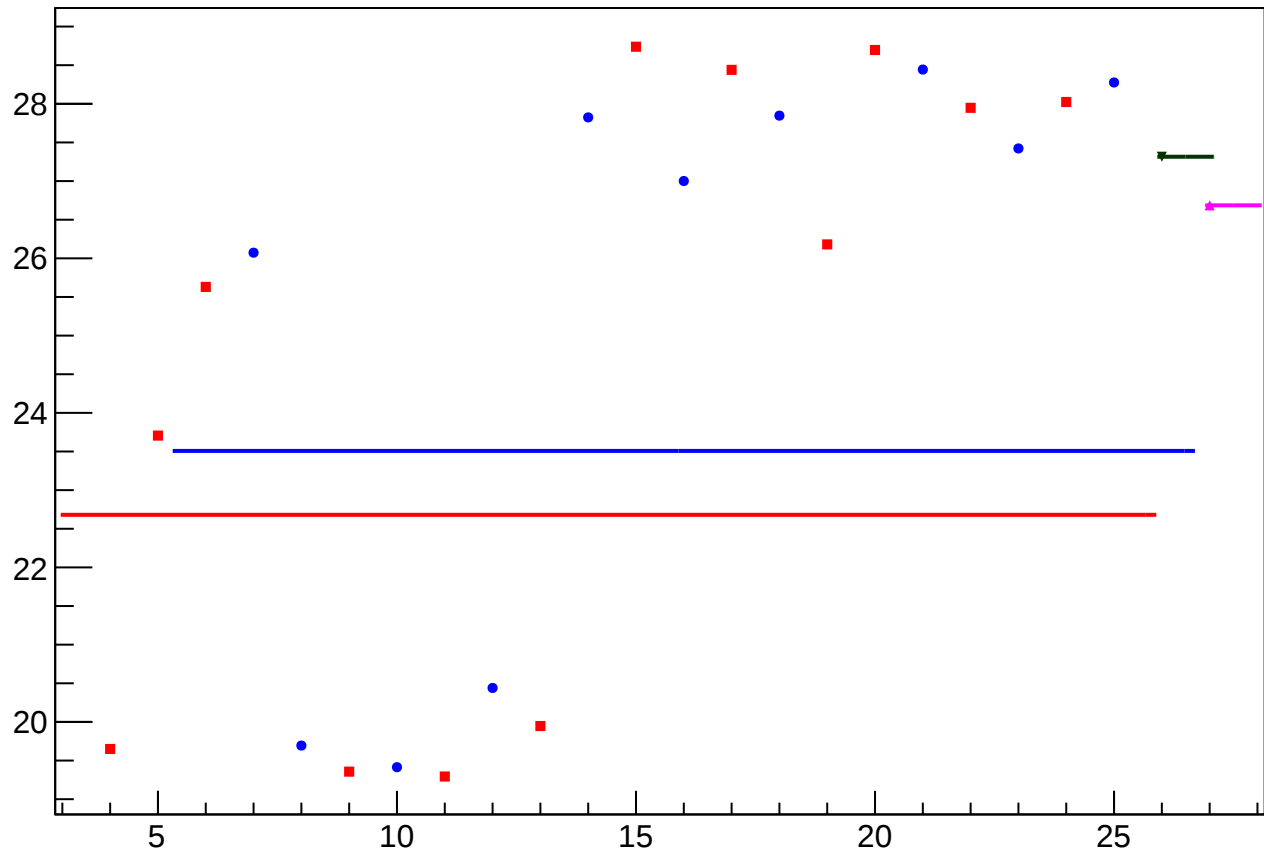
Right Out: 12.920 ± 9.091 $\chi^2/\text{NDF}: 7.6/11$

Left In: -47.787 ± 28.834 $\chi^2/\text{NDF}: 0.0/0$

0.834 ± 9.106 $\chi^2/\text{NDF}: 6.5/10$

7.431 ± 8.671 $\chi^2/\text{NDF}: 11.6/12$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 27.315+/-0.027 χ^2/NDF : 0.0/0

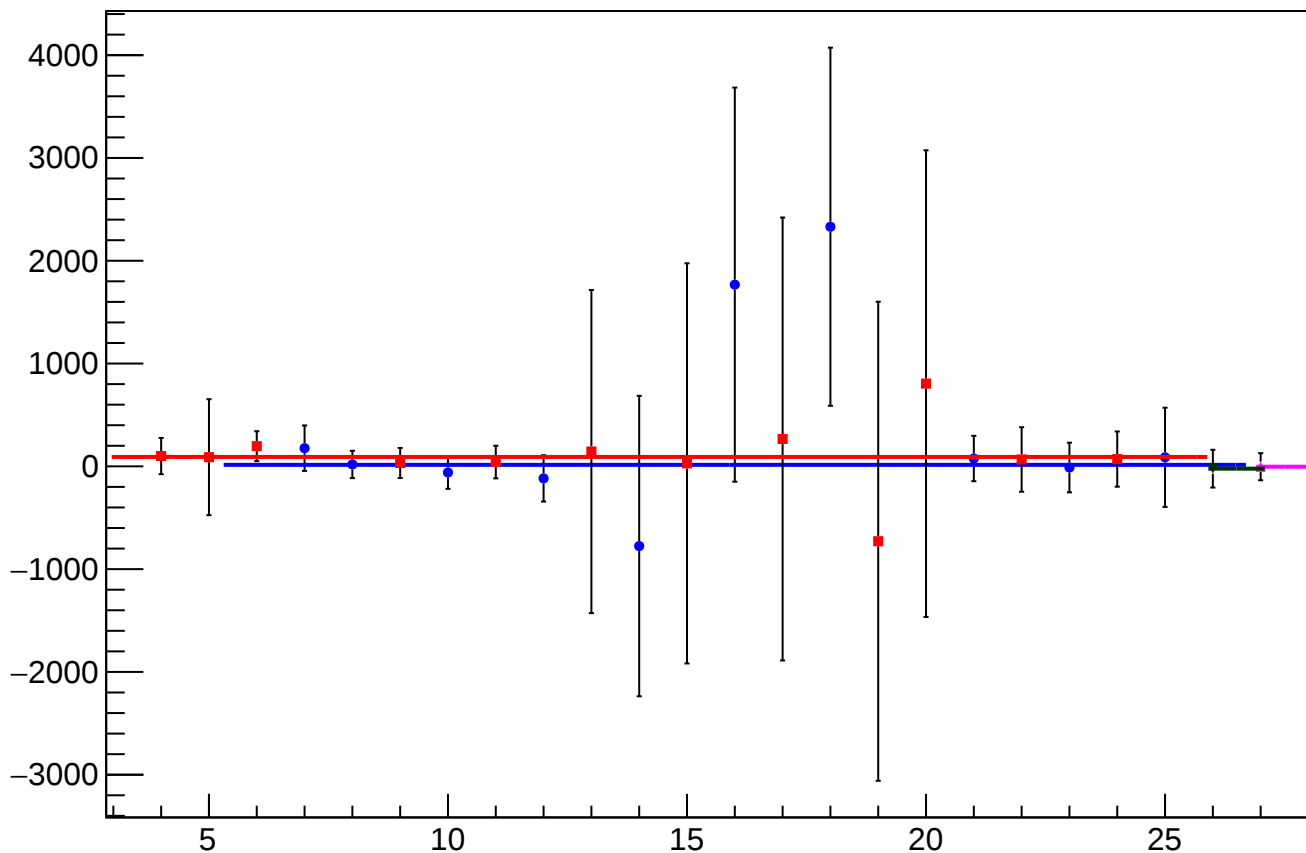
23.717+/-0.006 χ^2/NDF : 377327.0/10

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

23.043+/-0.006 χ^2/NDF : 411182.5/12

Left In: 26.686+/-0.020 χ^2/NDF : 0.0/0

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: -22.575+/-183.579 χ^2/NDF : 0.0/0

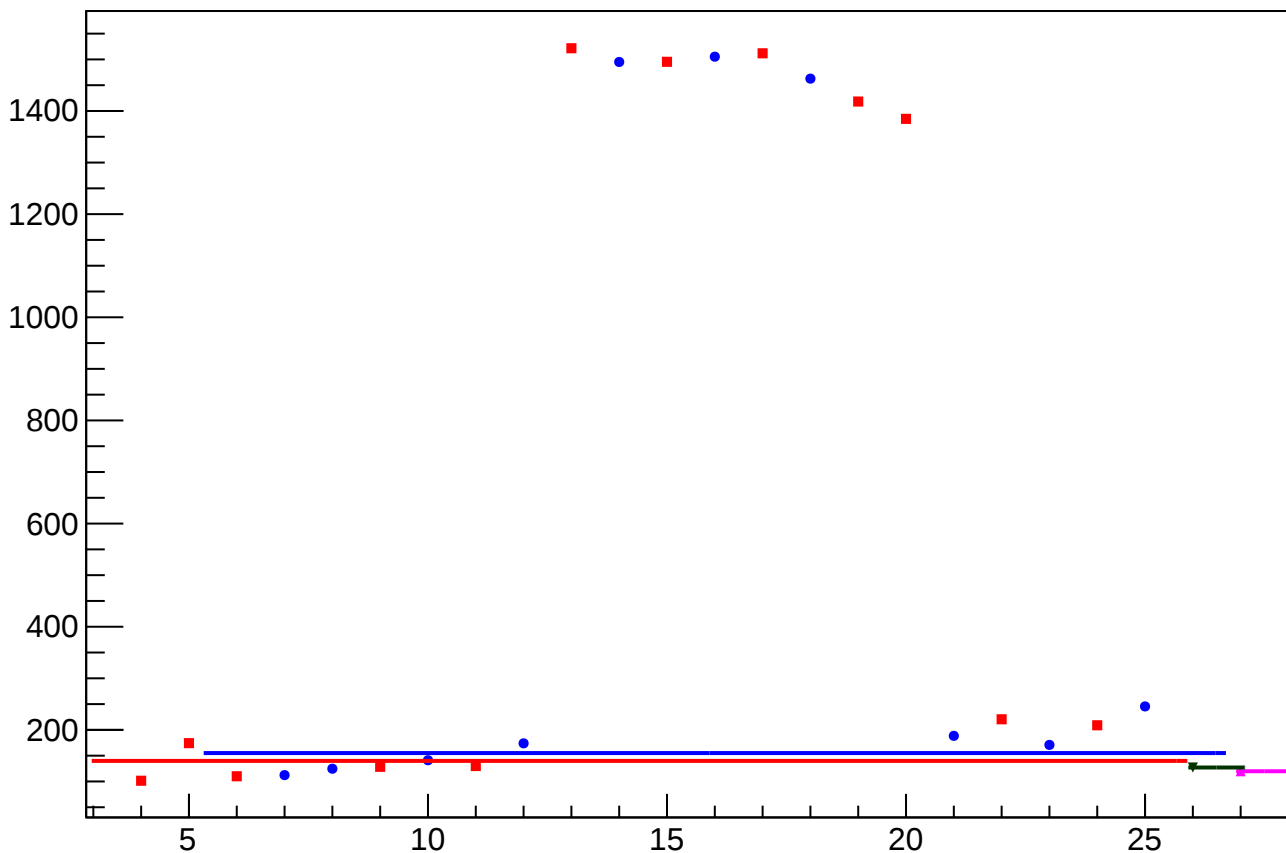
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: -3.655+/-131.875 χ^2/NDF : 0.0/0

9.377+/-69.168 χ^2/NDF : 4.1/10

69.782+/-63.029 χ^2/NDF : 1.4/12

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: 127.060 +/- 0.130 χ^2/NDF : 0.0/0

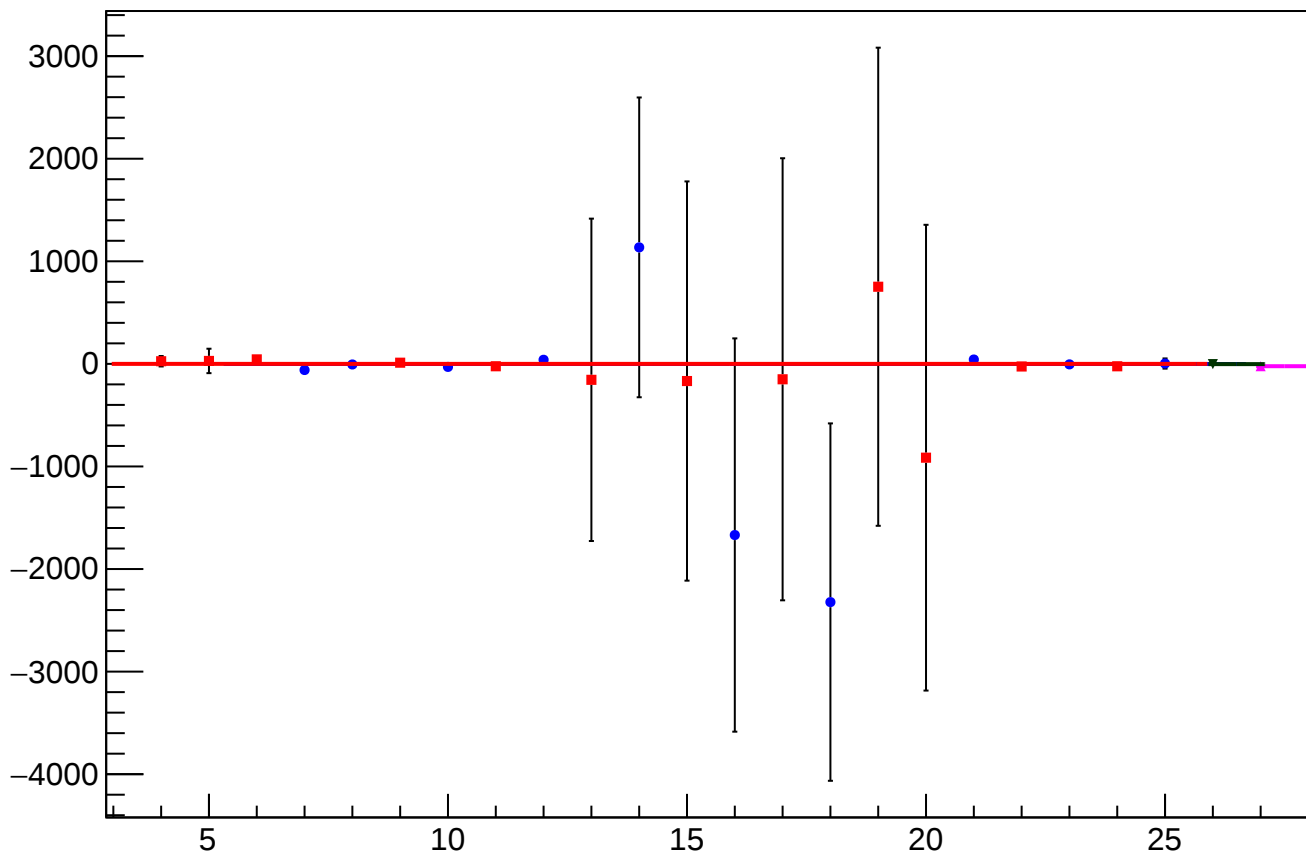
Right Out: 139.869 +/- 0.051 χ^2/NDF : 5001746.3/11

Left In: 119.800 +/- 0.093 χ^2/NDF : 0.0/0

151.077 +/- 0.049 χ^2/NDF : 4174350.9/10

135.285 +/- 0.045 χ^2/NDF : 5037486.1/12

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: -2.352+/-36.910 χ^2/NDF : 0.0/0

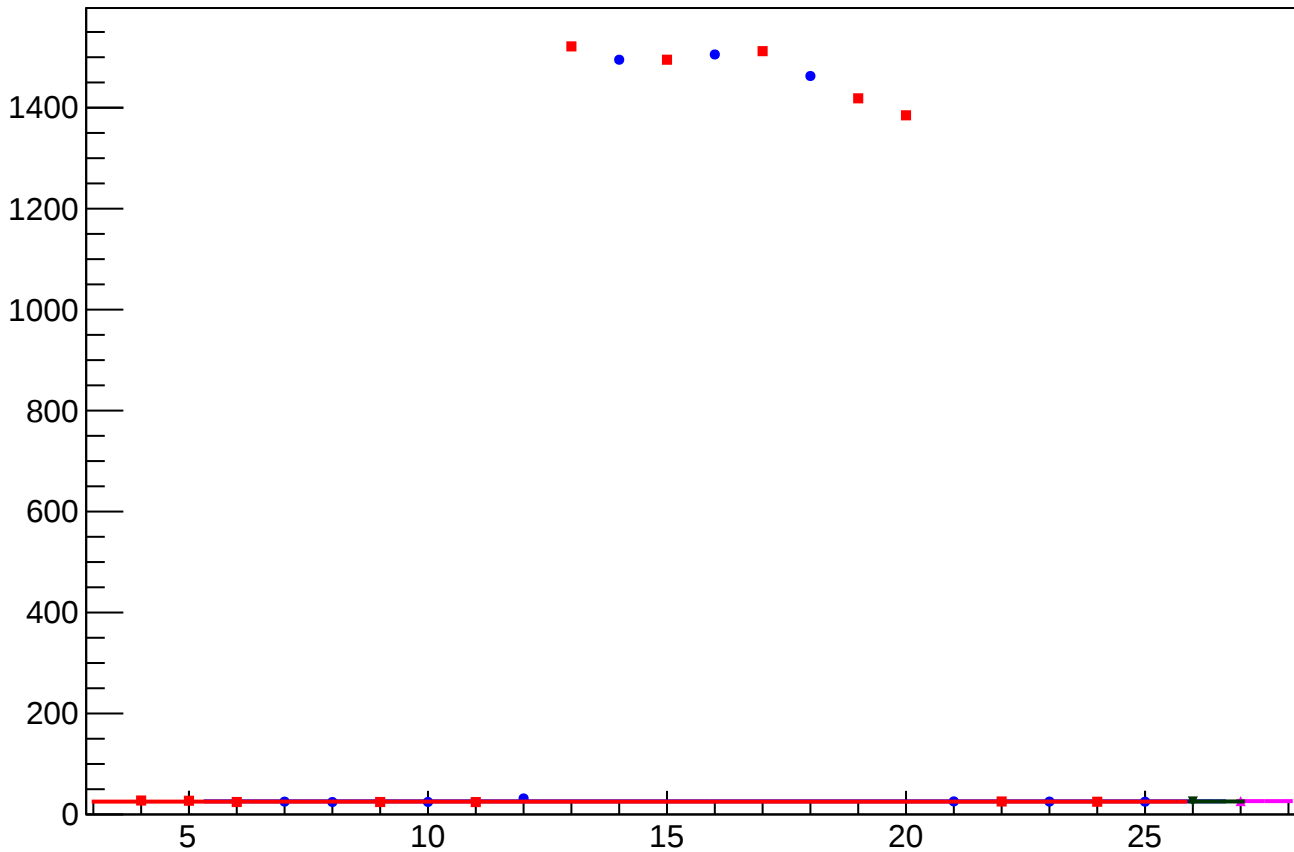
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -22.696+/-28.527 χ^2/NDF : 0.0/0

-1.370+/-12.065 χ^2/NDF : 8.8/10

-4.156+/-12.139 χ^2/NDF : 4.8/12

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: 25.737+/-0.026 χ^2/NDF : 0.0/0

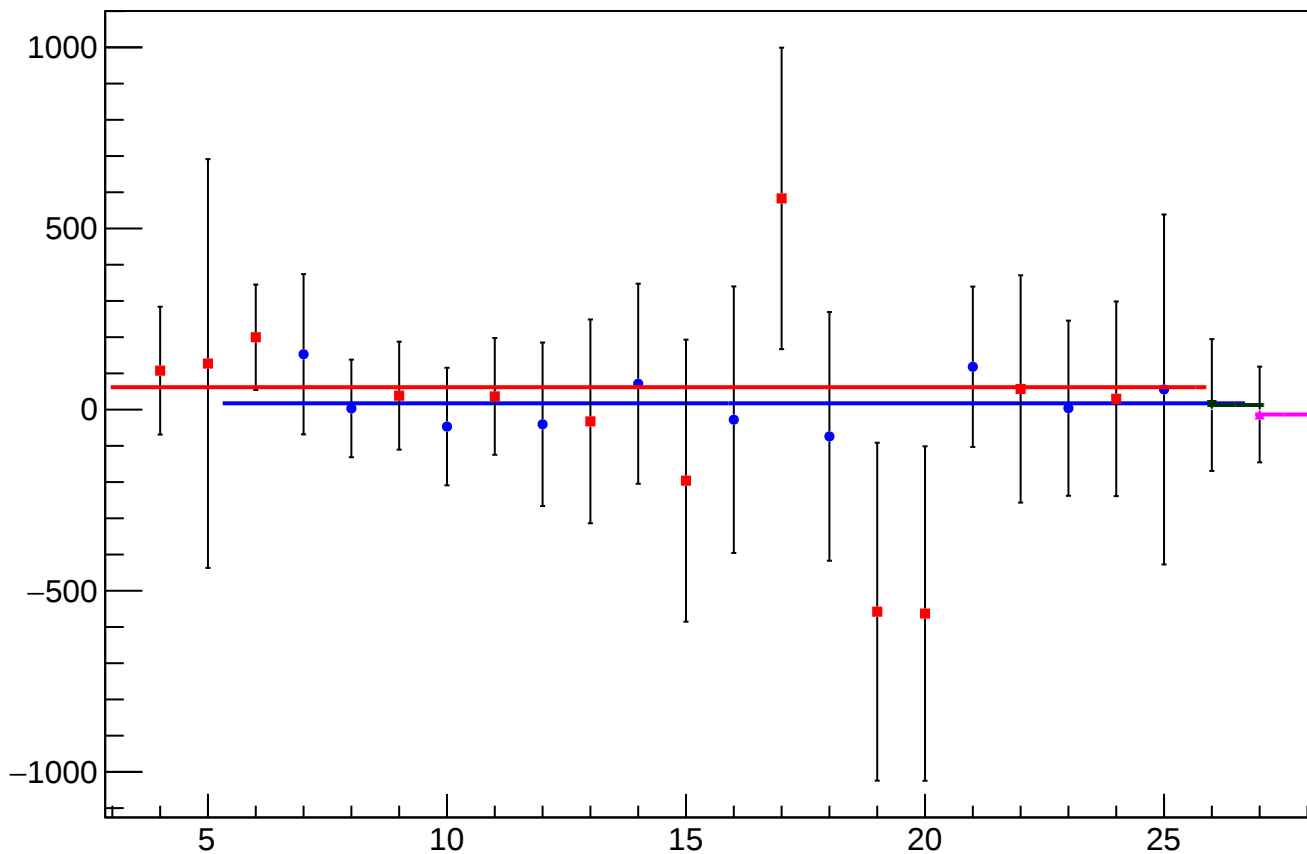
Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

Left In: 26.424+/-0.020 χ^2/NDF : 0.0/0

25.970+/-0.009 χ^2/NDF : 4621188.5/10

25.611+/-0.009 χ^2/NDF : 5348247.3/12

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: 12.710+/-181.947 χ^2/NDF : 0.0/0

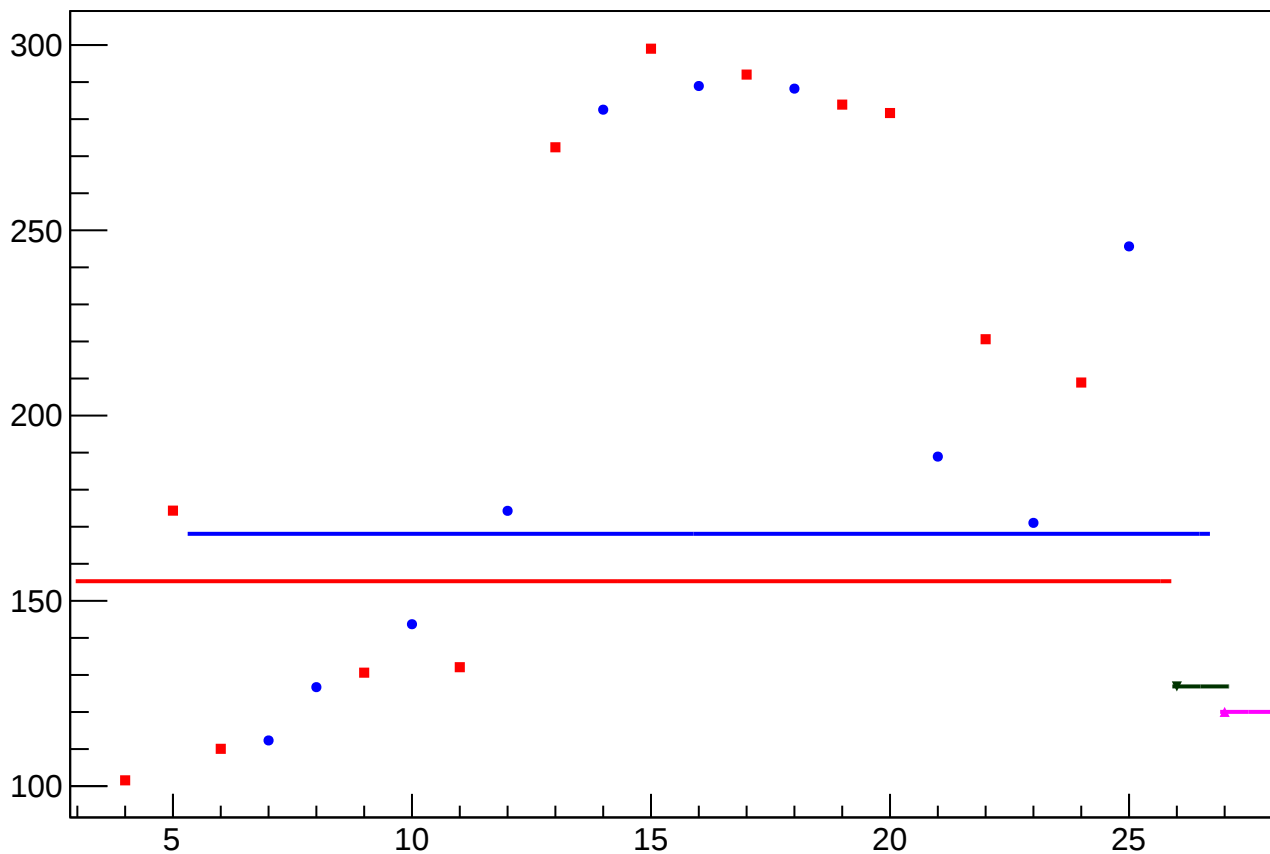
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -13.391+/-132.107 χ^2/NDF : 0.0/0

16.838+/-65.359 χ^2/NDF : 1.0/10

46.594+/-59.591 χ^2/NDF : 7.0/12

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 126.904+/-0.129 χ^2/NDF : 0.0/0

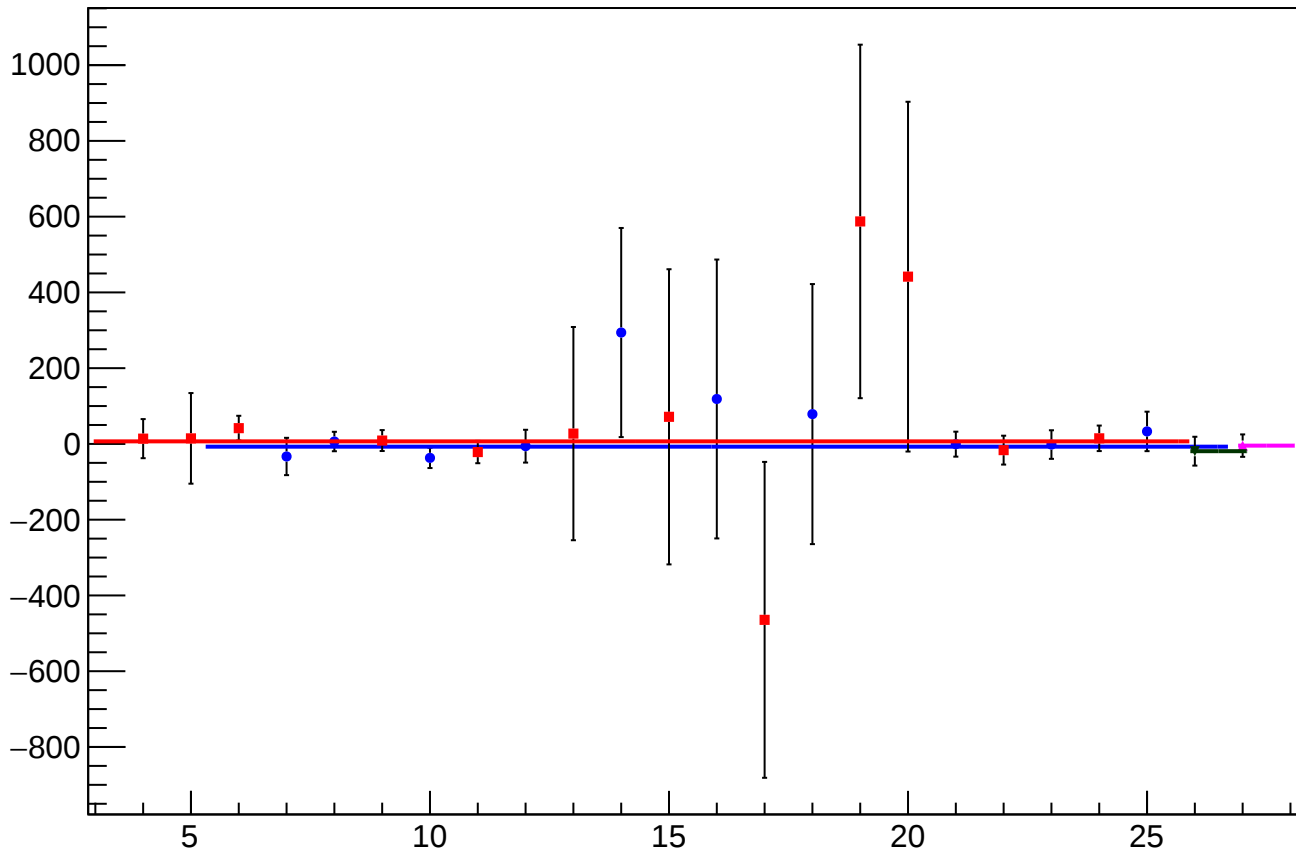
162.775+/-0.046 χ^2/NDF : 1325560.7/10

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

148.124+/-0.042 χ^2/NDF : 1894048.4/12

Left In: 120.035+/-0.093 χ^2/NDF : 0.0/0

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: -19.161+/-38.071 χ^2/NDF : 0.0/0

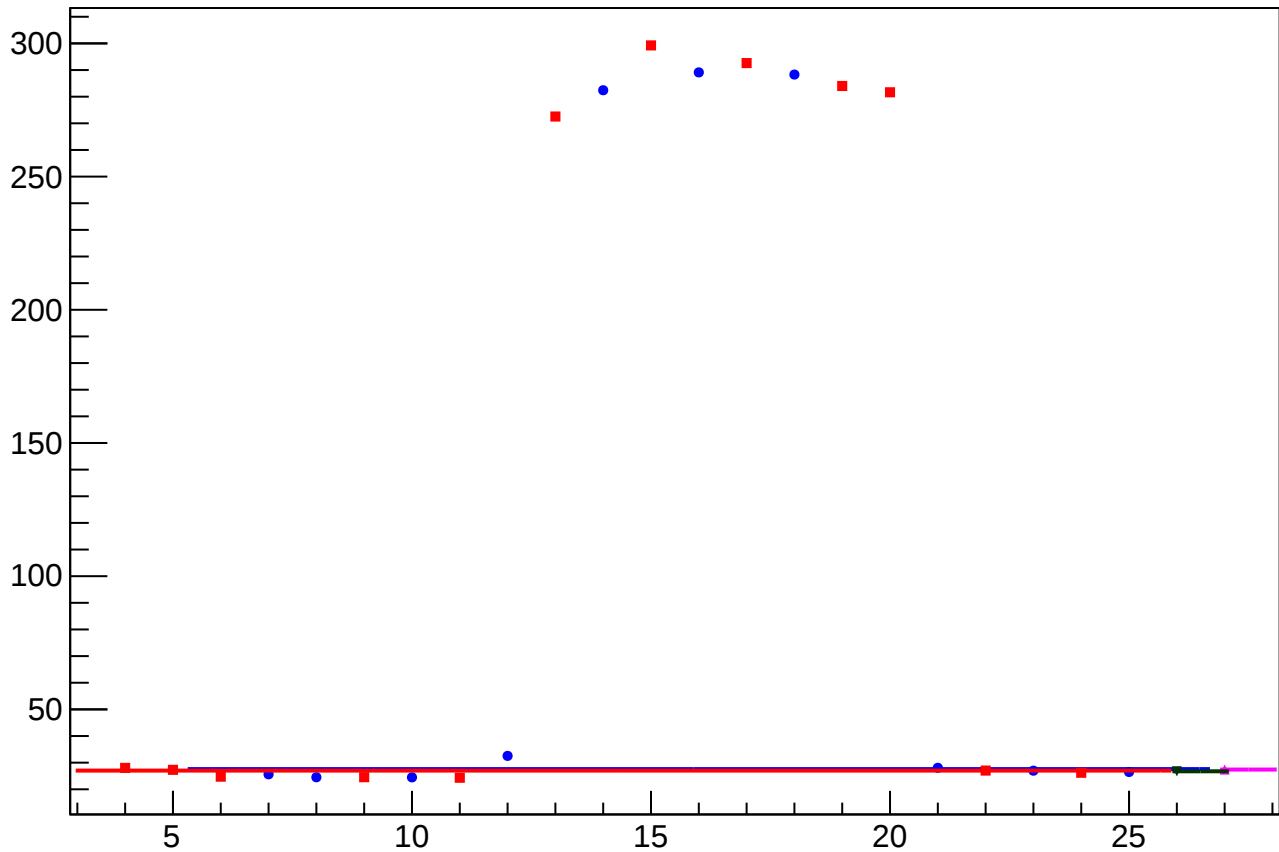
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: -4.489+/-29.613 χ^2/NDF : 0.0/0

-8.491+/-12.344 χ^2/NDF : 3.9/10

4.817+/-12.318 χ^2/NDF : 6.4/12

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: 26.758+/-0.027 χ^2/NDF : 0.0/0

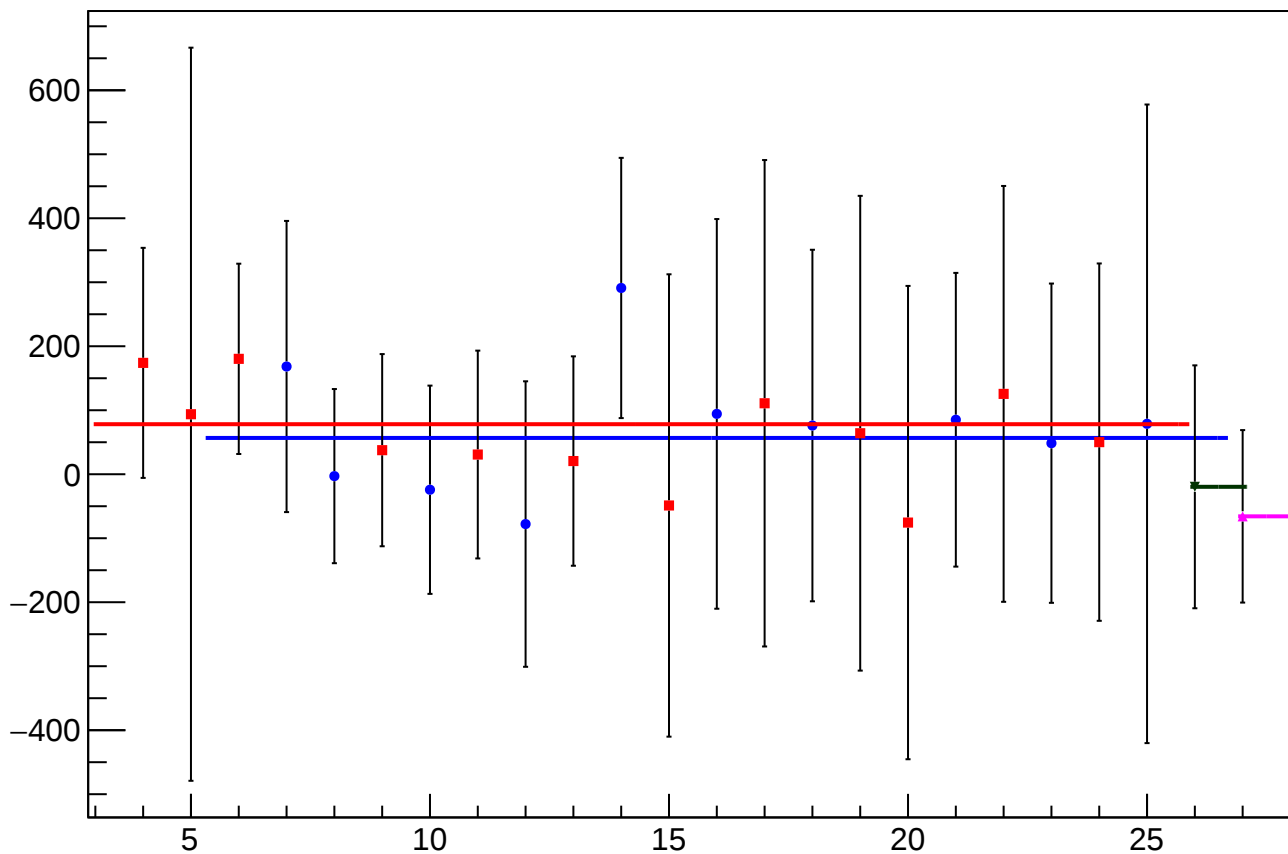
27.495+/-0.009 χ^2/NDF : 3954694.7/10

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

27.090+/-0.009 χ^2/NDF : 4569229.6/12

Left In: 27.413+/-0.021 χ^2/NDF : 0.0/0

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: -19.656+/-189.797 χ^2/NDF : 0.0/0

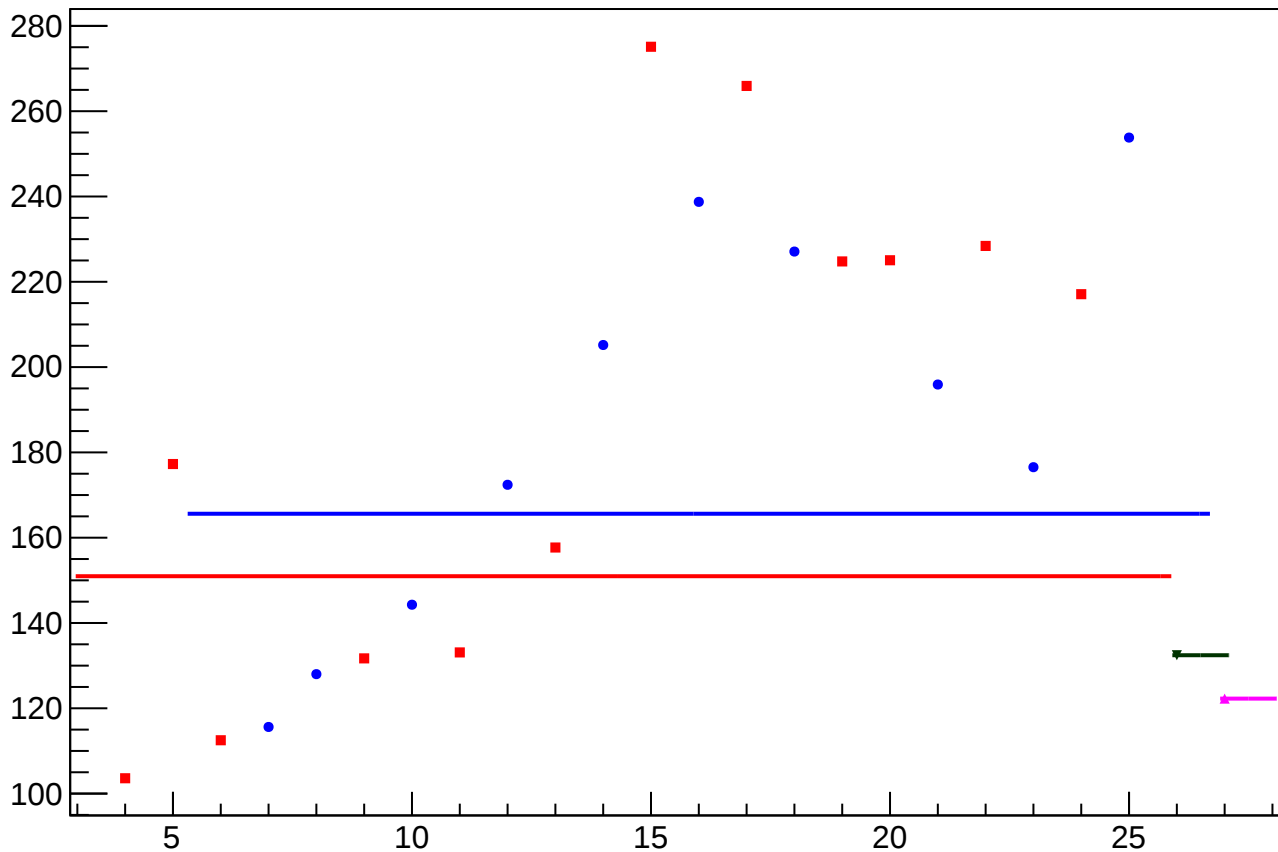
Right Out: 78.185+/-63.204 χ^2/NDF : 1.4/11

Left In: -65.797+/-134.760 χ^2/NDF : 0.0/0

48.108+/-63.726 χ^2/NDF : 2.6/10

52.224+/-57.223 χ^2/NDF : 2.3/12

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: 132.441 $\pm$ 0.134 χ^2 /NDF: 0.0/0

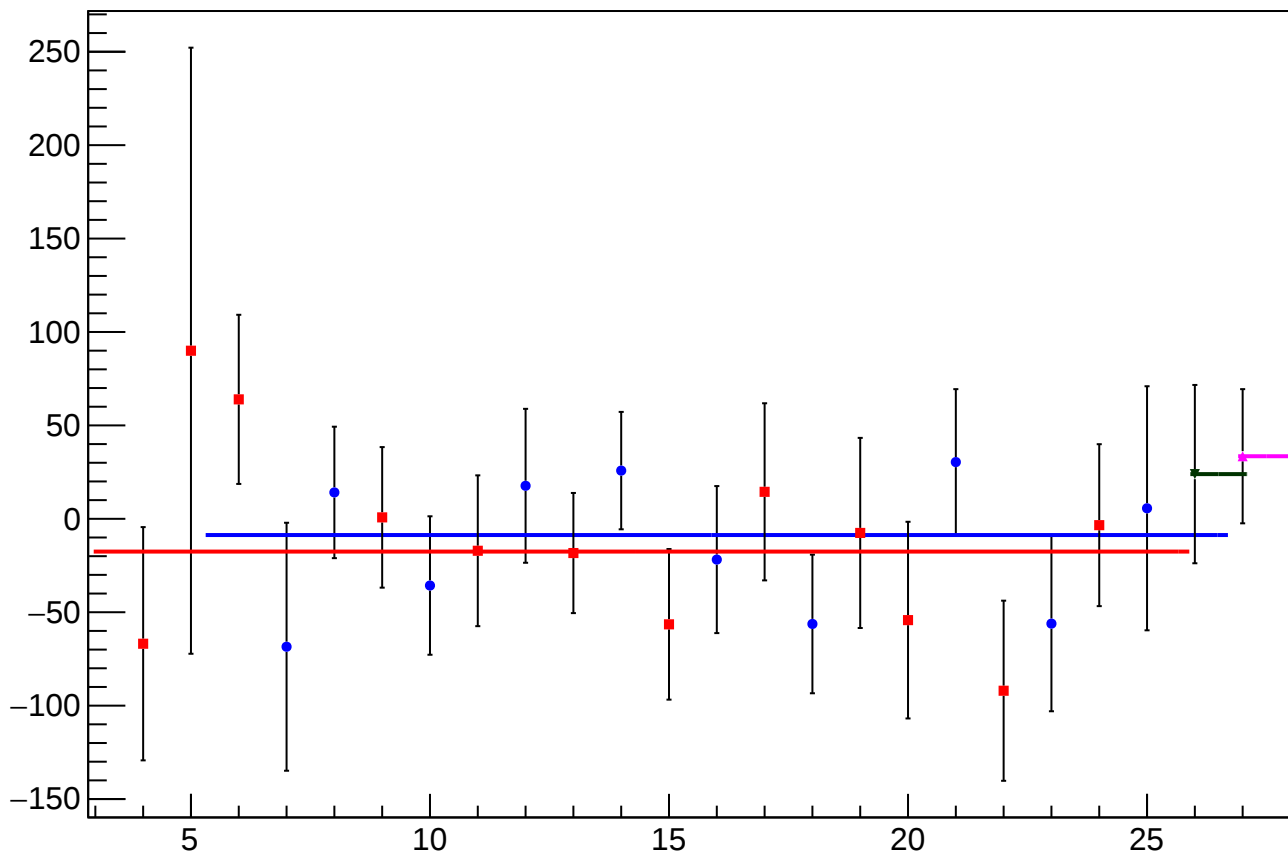
161.874 $\pm$ 0.045 χ^2 /NDF: 732216.6/10

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

145.793 $\pm$ 0.040 χ^2 /NDF: 1216202.9/12

Left In: 122.269 $\pm$ 0.095 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -8.681 ± 12.821 $\chi^2/\text{NDF}: 7.2/9$

Left Out: 23.929 ± 47.722 $\chi^2/\text{NDF}: 0.0/0$

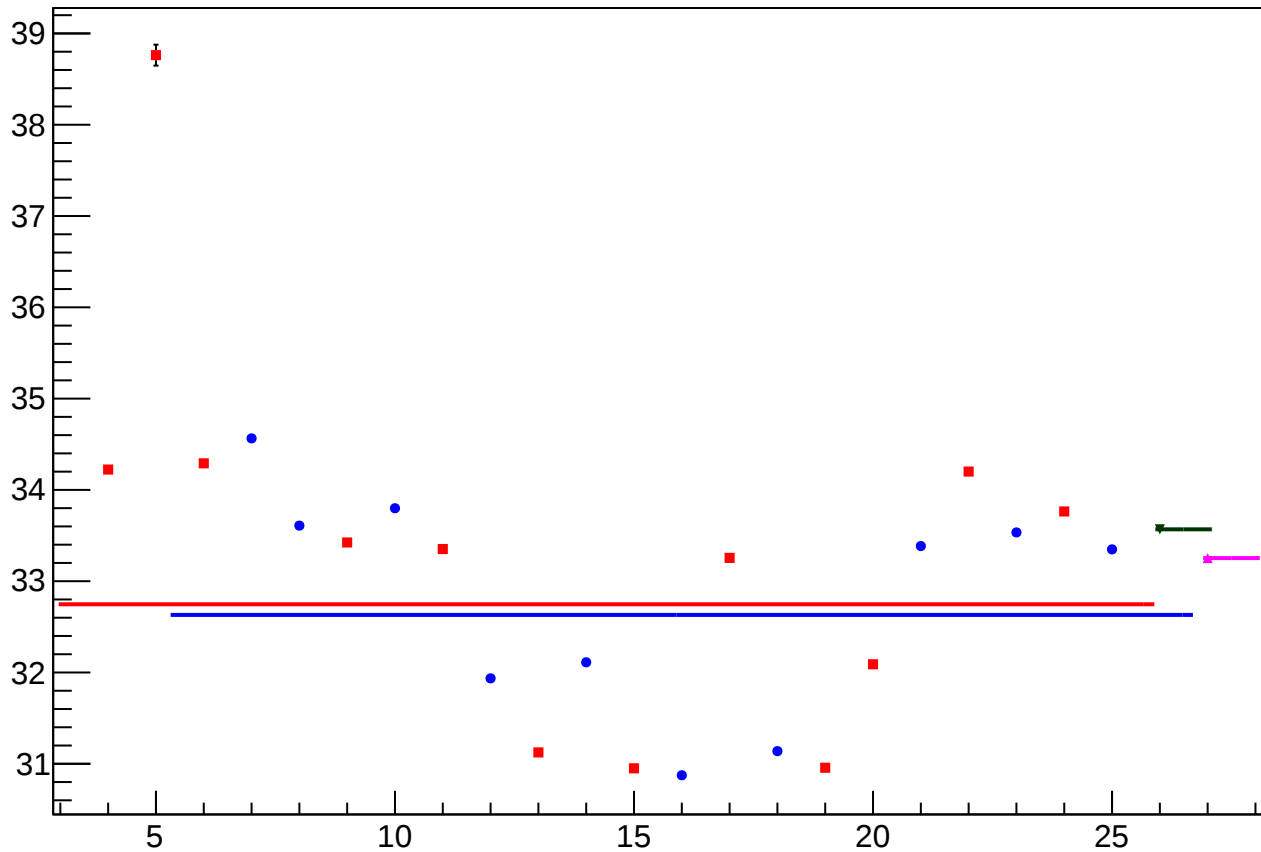
Right Out: -17.538 ± 13.085 $\chi^2/\text{NDF}: 8.9/11$

Left In: 33.497 ± 35.910 $\chi^2/\text{NDF}: 0.0/0$

-6.485 ± 12.382 $\chi^2/\text{NDF}: 7.6/10$

-11.556 ± 12.294 $\chi^2/\text{NDF}: 10.7/12$

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 33.568+/-0.034 χ^2/NDF : 0.0/0

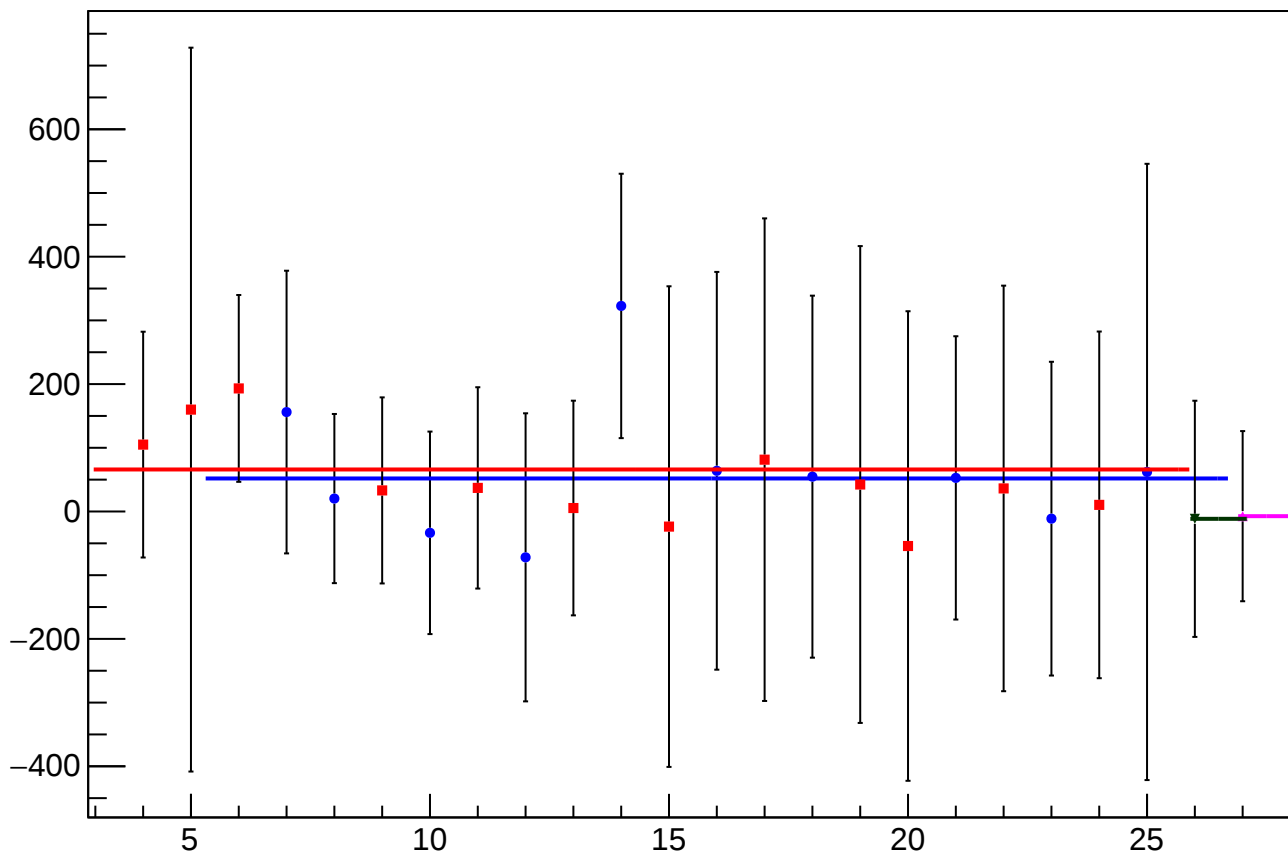
32.694+/-0.009 χ^2/NDF : 16016.7/10

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

32.806+/-0.009 χ^2/NDF : 22648.2/12

Left In: 33.253+/-0.025 χ^2/NDF : 0.0/0

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: -11.522+/-185.380 χ^2/NDF : 0.0/0

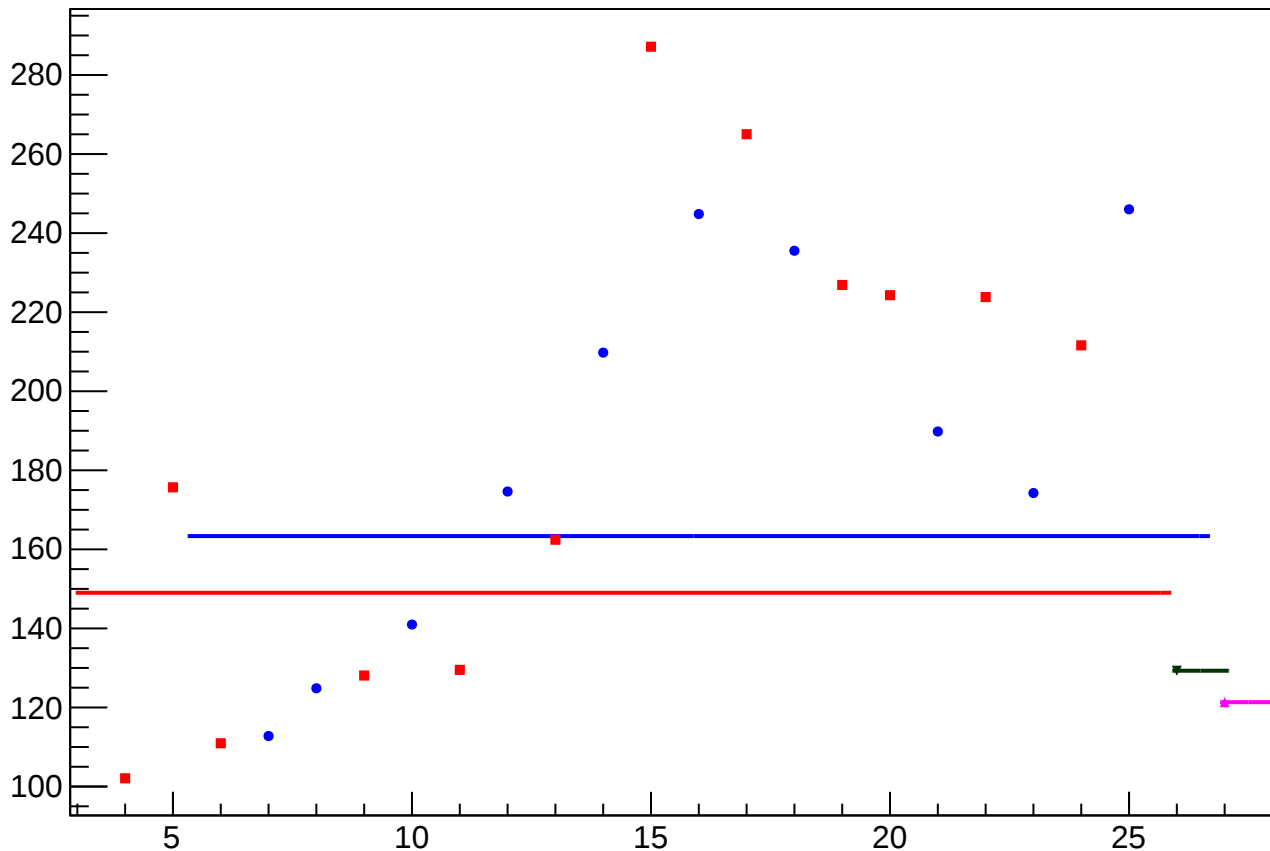
Right Out: 65.954+/-62.568 χ^2/NDF : 1.3/11

Left In: -7.346+/-133.560 χ^2/NDF : 0.0/0

44.521+/-62.980 χ^2/NDF : 2.7/10

52.762+/-56.659 χ^2/NDF : 1.5/12

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: 129.298+/-0.131 χ^2/NDF : 0.0/0

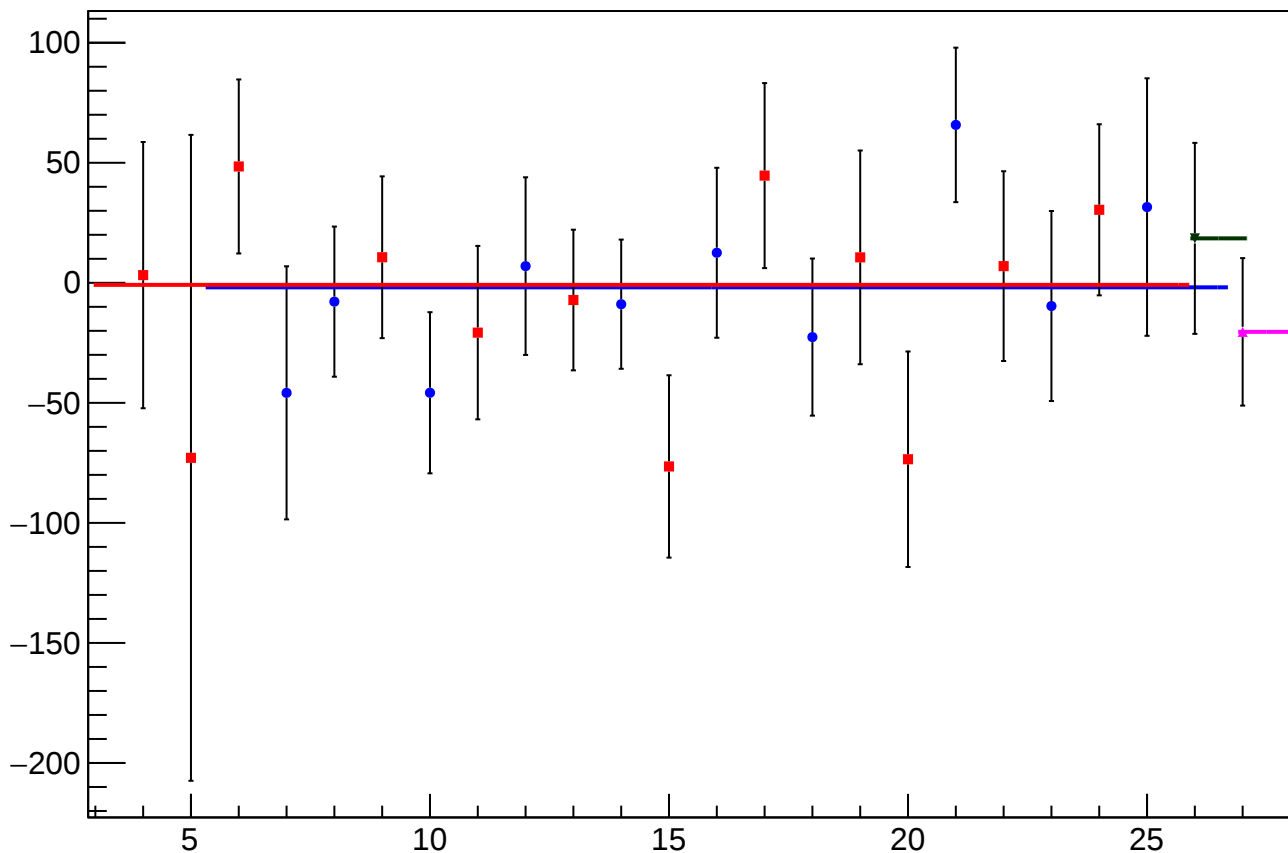
159.424+/-0.045 χ^2/NDF : 832315.3/10

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

144.040+/-0.040 χ^2/NDF : 1276076.8/12

Left In: 121.342+/-0.094 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -1.881 $\pm$ 11.135 χ^2 /NDF: 8.0/9

Left Out: 18.517 $\pm$ 39.773 χ^2 /NDF: 0.0/0

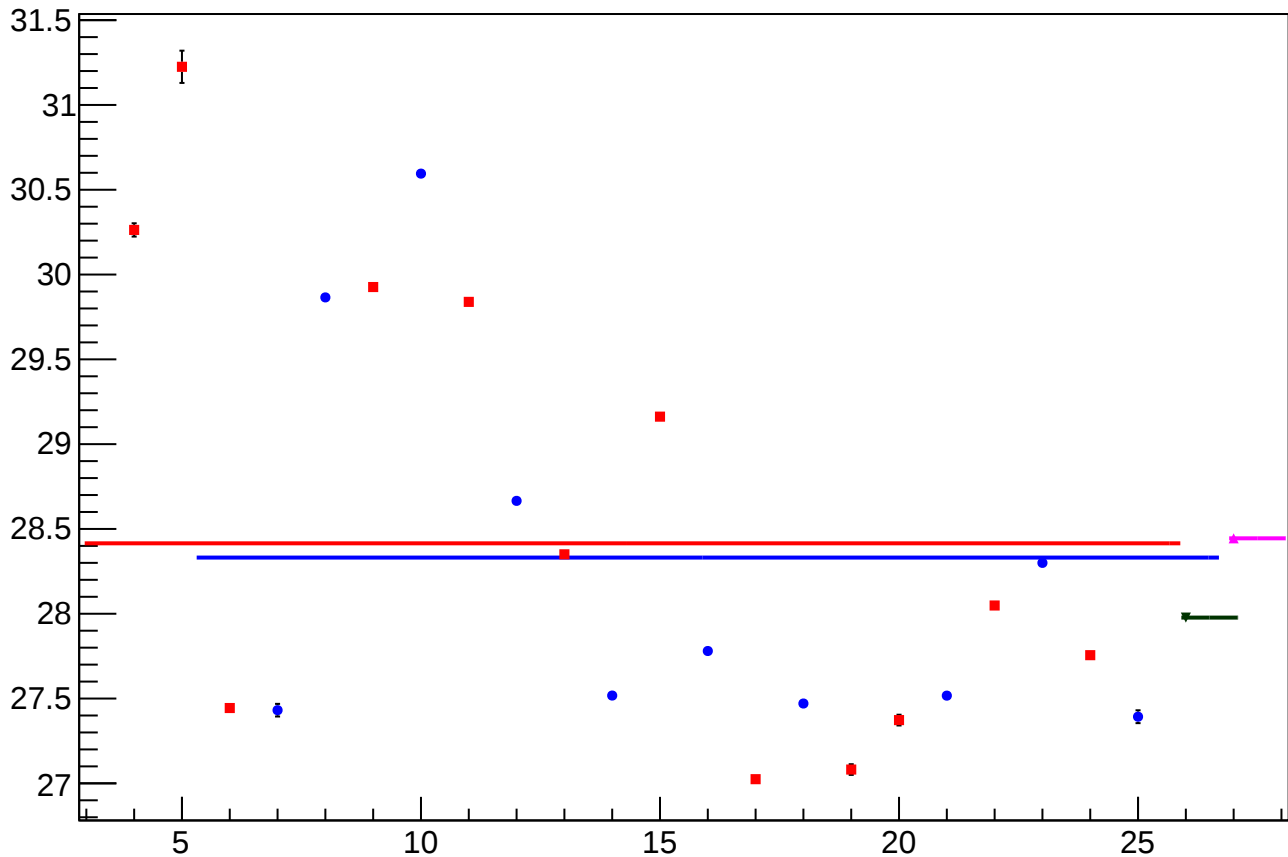
Right Out: -0.853 $\pm$ 11.359 χ^2 /NDF: 11.5/11

Left In: -20.424 $\pm$ 30.719 χ^2 /NDF: 0.0/0

-0.398 $\pm$ 10.722 χ^2 /NDF: 8.2/10

-3.207 $\pm$ 10.654 χ^2 /NDF: 11.8/12

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: 27.977+/-0.028 χ^2/NDF : 0.0/0

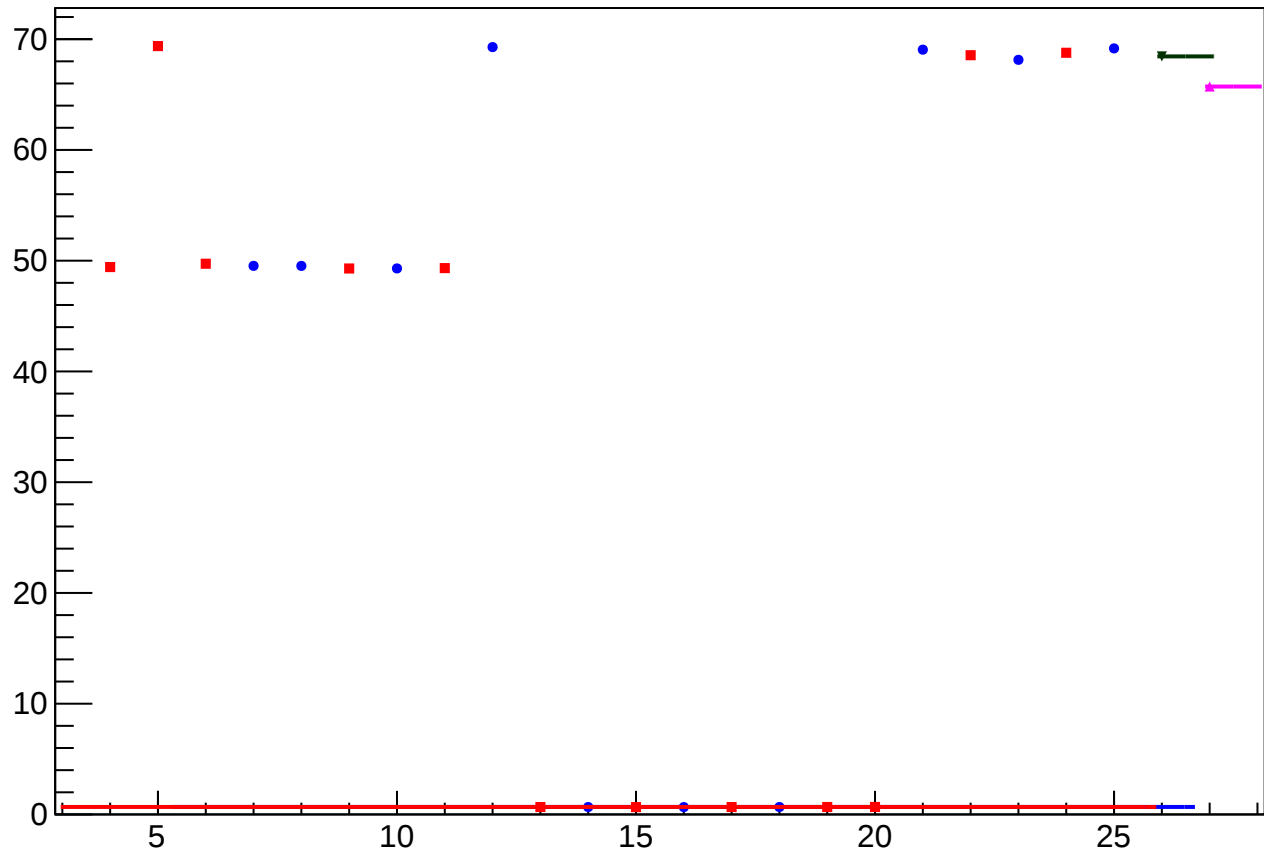
28.305+/-0.008 χ^2/NDF : 20396.1/10

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

28.419+/-0.008 χ^2/NDF : 18782.4/12

Left In: 28.445+/-0.022 χ^2/NDF : 0.0/0

yield_bcm_an_ds_mean vs slug



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

Left Out: 68.445+/-0.000 χ^2/NDF : 0.0/0

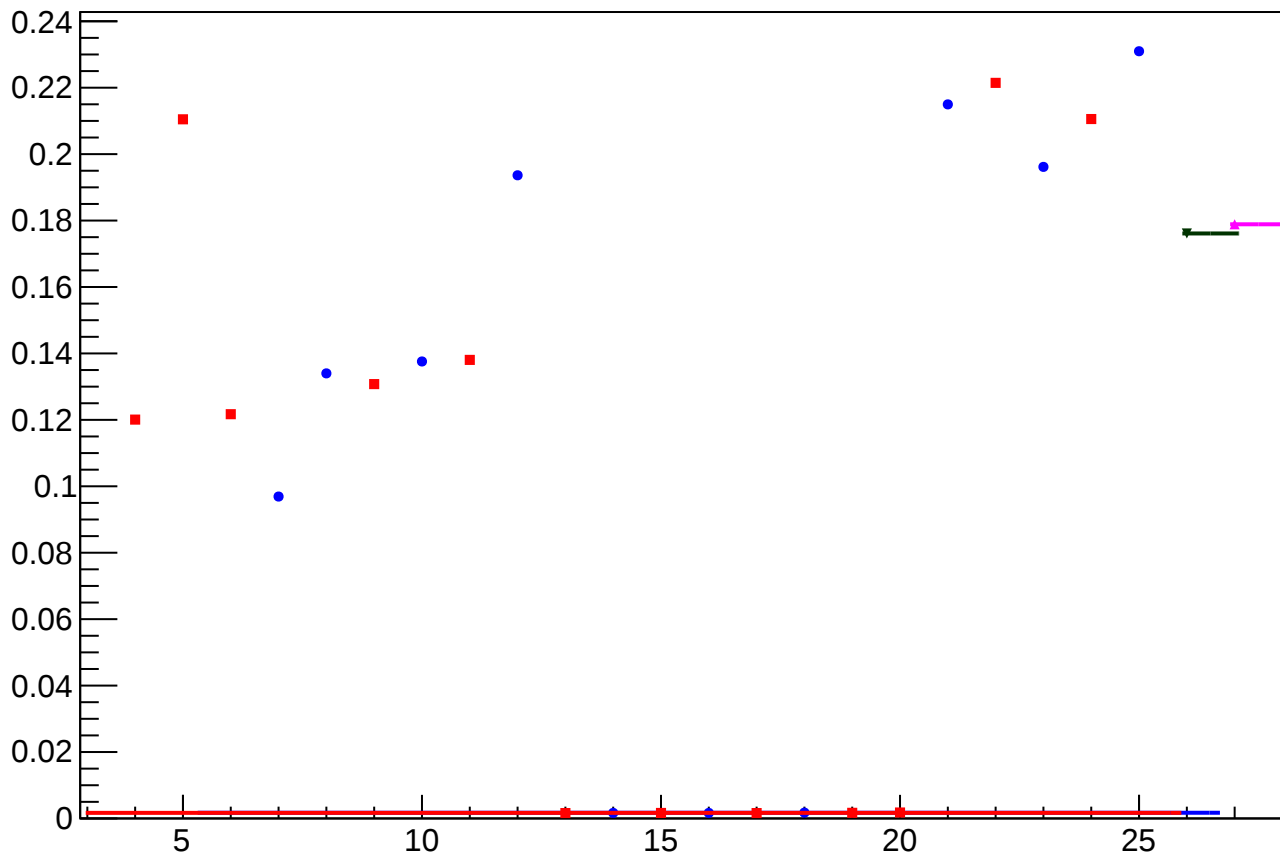
0.679+/-0.000 χ^2/NDF : 564100696197.4/10

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

0.679+/-0.000 χ^2/NDF : 545055918628.7/12

Left In: 65.724+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.176+/-0.000 χ^2/NDF : 0.0/0

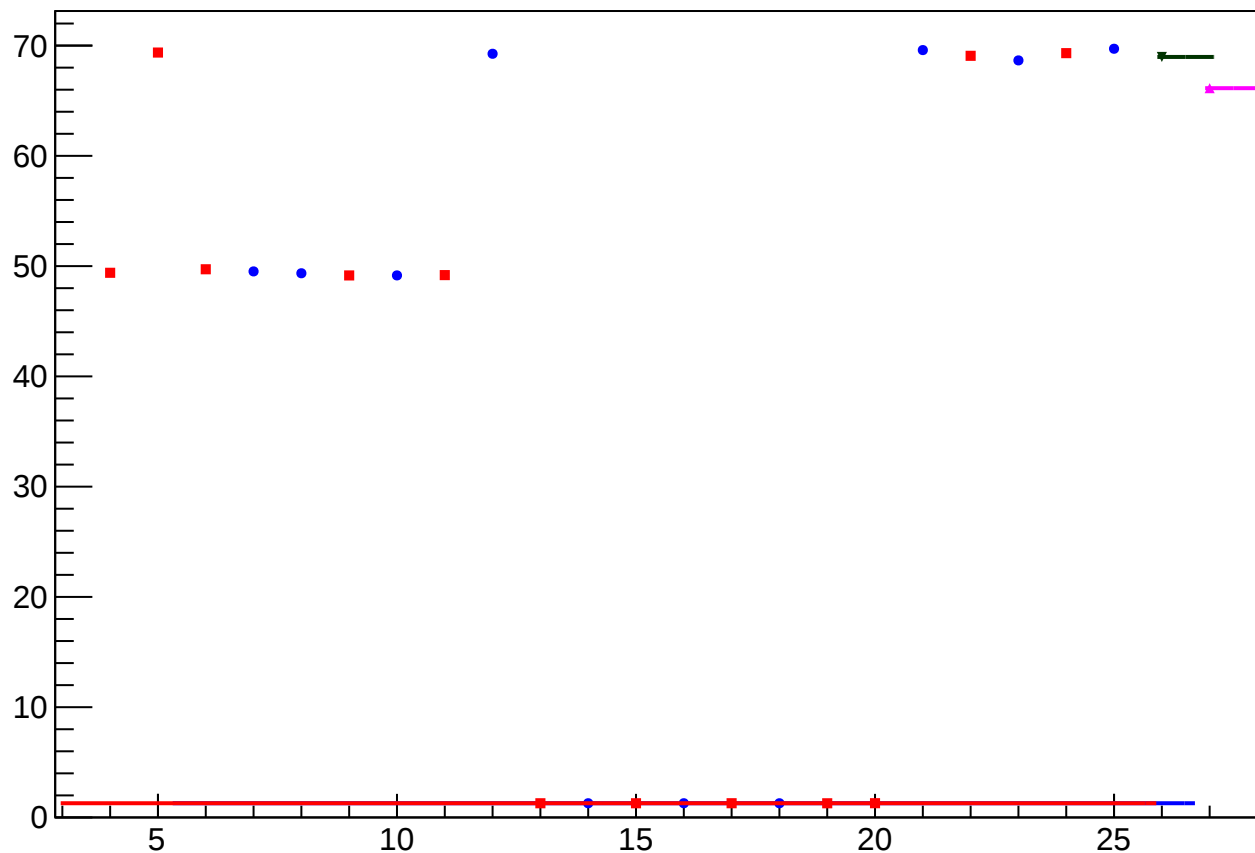
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.179+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 8561214.3/10

0.002+/-0.000 χ^2/NDF : 8240481.8/12

yield_bcm_an_ds3_mean vs slug



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

Left Out: 68.969+/-0.000 χ^2/NDF : 0.0/0

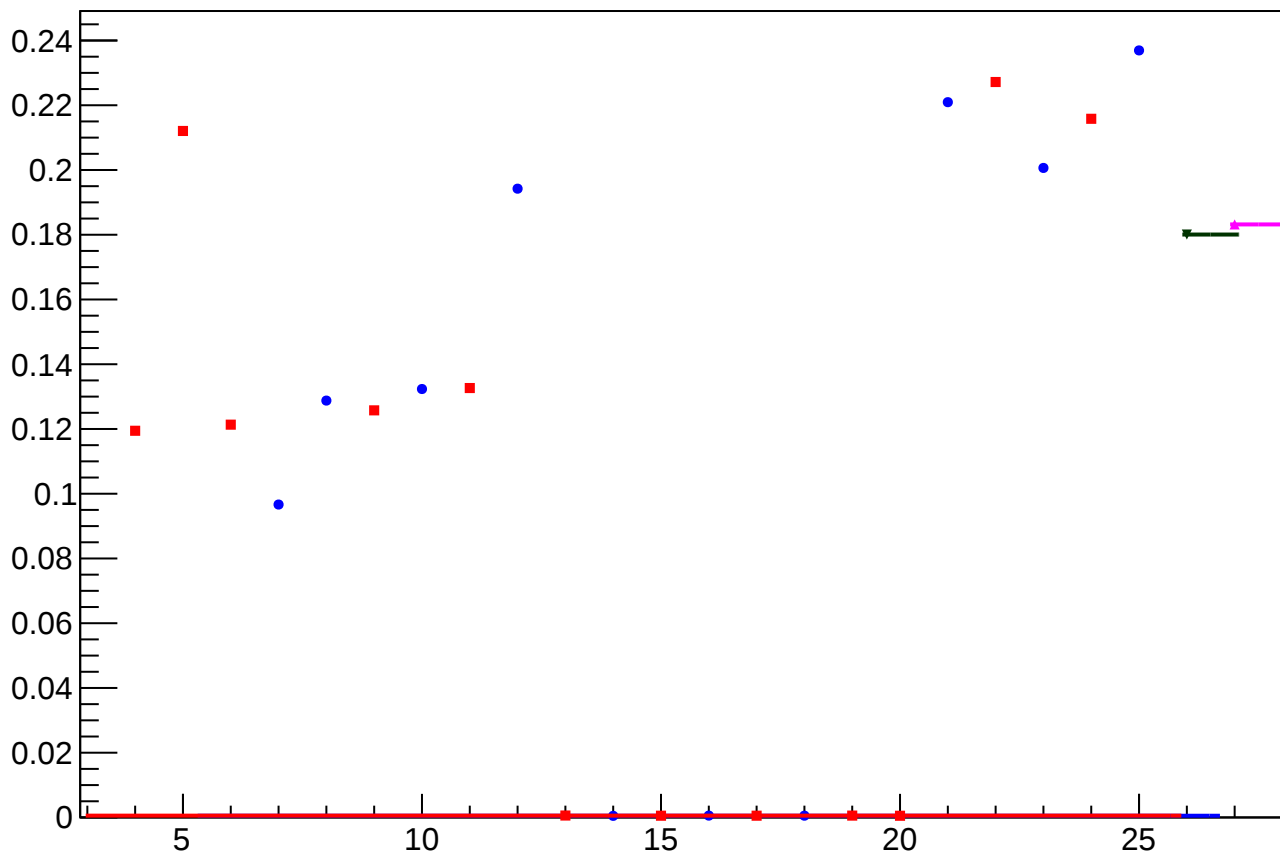
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

Left In: 66.137+/-0.000 χ^2/NDF : 0.0/0

1.290+/-0.000 χ^2/NDF : 559979237942.8/10

1.290+/-0.000 χ^2/NDF : 539813403414.6/12

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.180+/-0.000 χ^2/NDF : 0.0/0

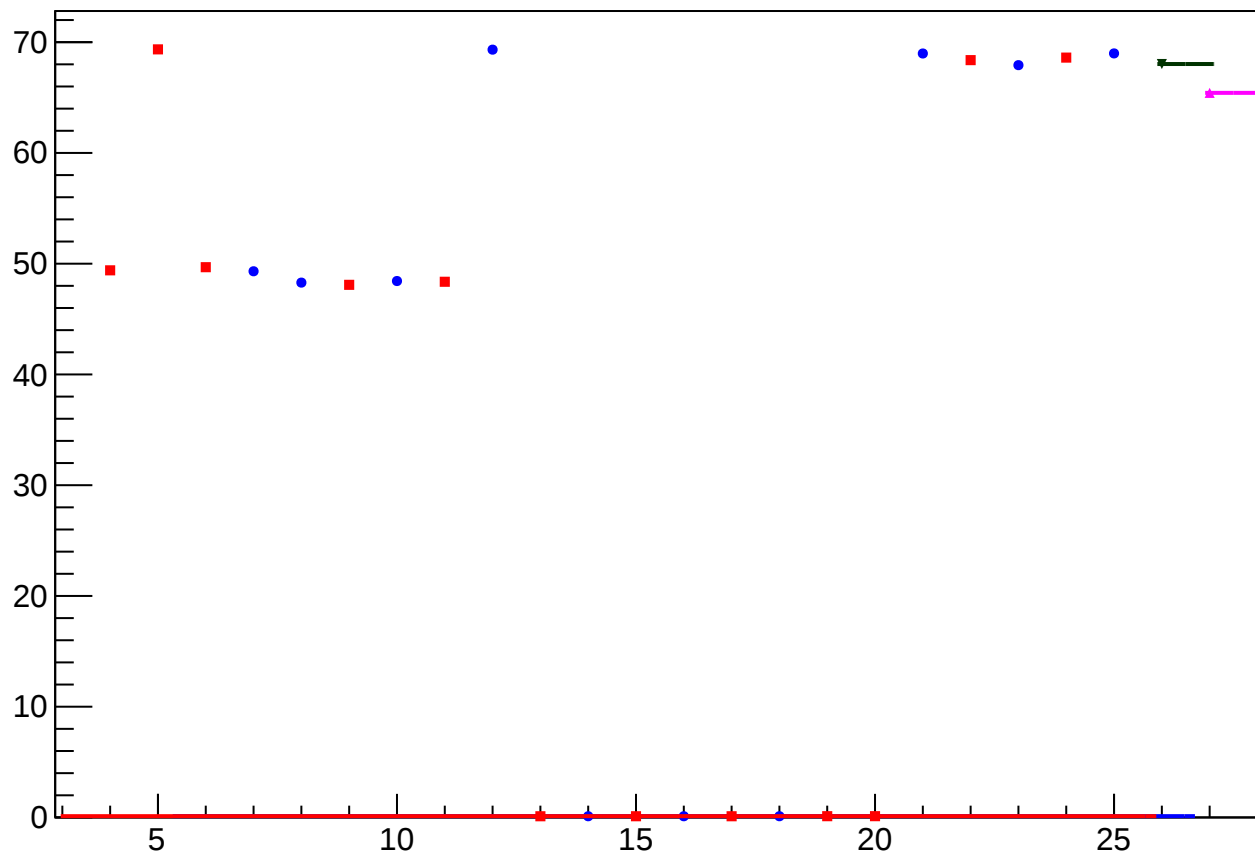
Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

Left In: 0.183+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.000 χ^2/NDF : 8704564.3/10

0.001+/-0.000 χ^2/NDF : 8366062.6/12

yield_bcm_an_us_mean vs slug



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

Left Out: 68.028+/-0.000 χ^2/NDF : 0.0/0

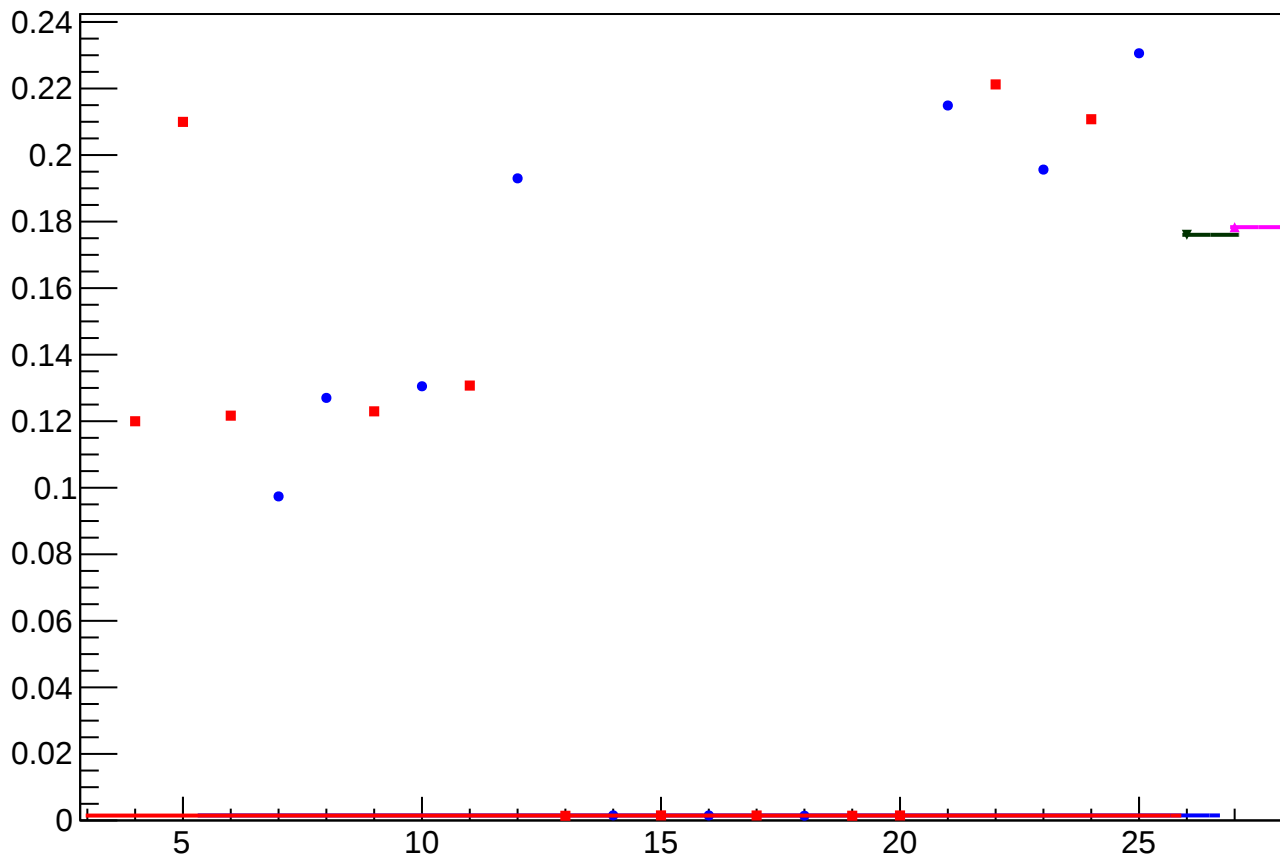
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 65.424+/-0.000 χ^2/NDF : 0.0/0

0.120+/-0.000 χ^2/NDF : 585276682589.0/10

0.118+/-0.000 χ^2/NDF : 568816014928.9/12

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 7641271.5/9

Left Out: 0.176 $\pm$ 0.000 χ^2 /NDF:0.0/0

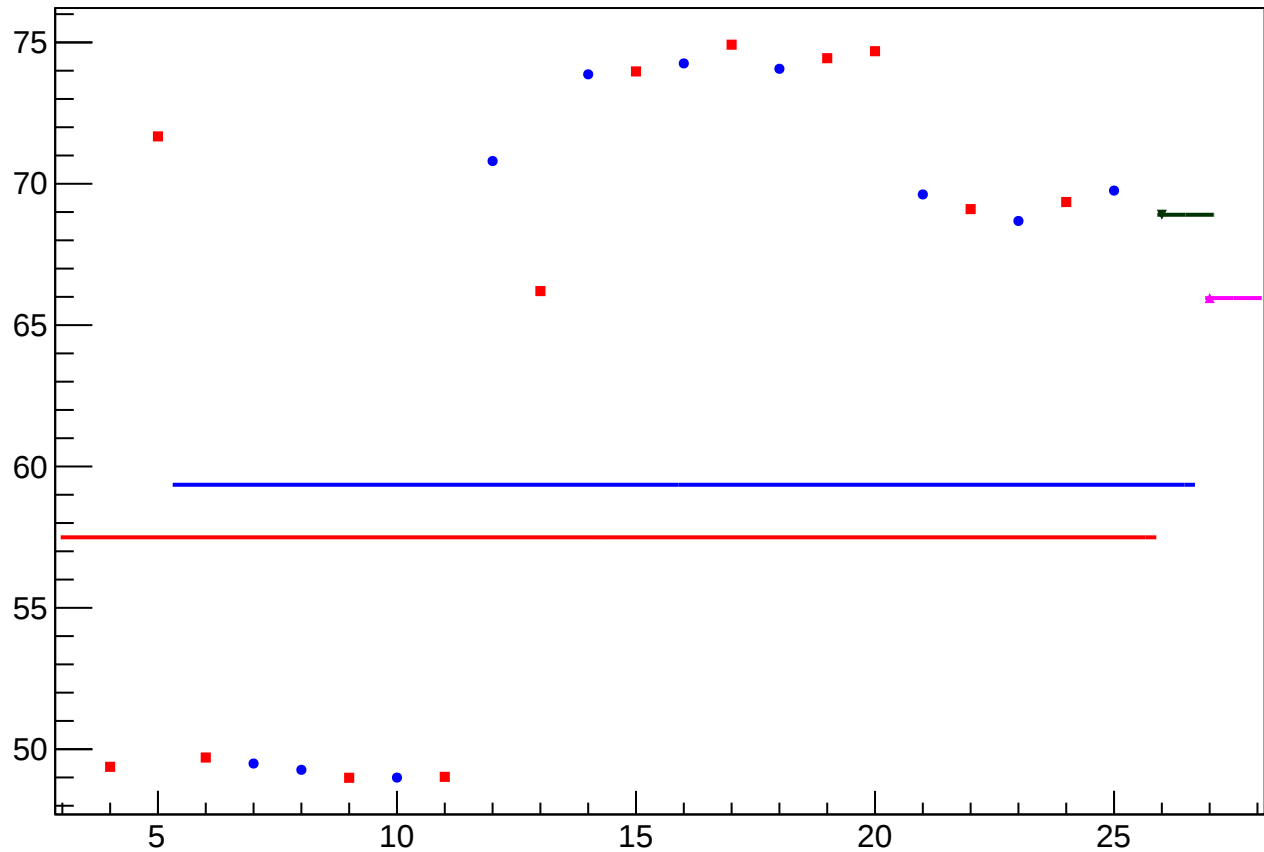
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 6649150.6/11

Left In: 0.178 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 8555423.8/10

0.001 $\pm$ 0.000 χ^2 /NDF: 8255825.5/12

yield_bcm_dg_us_mean vs slug



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

Left Out: 68.904+/-0.000 χ^2/NDF : 0.0/0

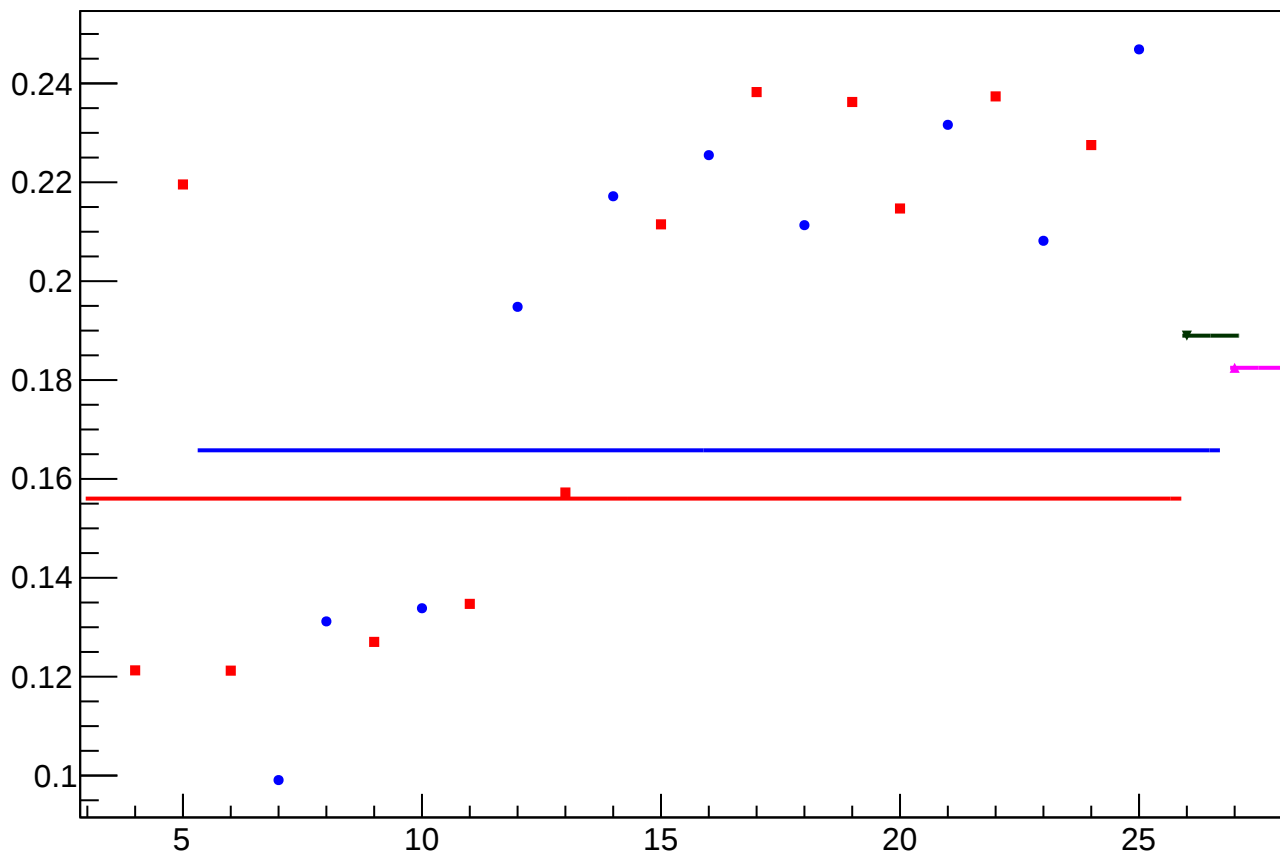
59.925+/-0.000 χ^2/NDF : 28331545264.2/10

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

58.313+/-0.000 χ^2/NDF : 26897730016.2/12

Left In: 65.957+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.189+/-0.000 χ^2/NDF : 0.0/0

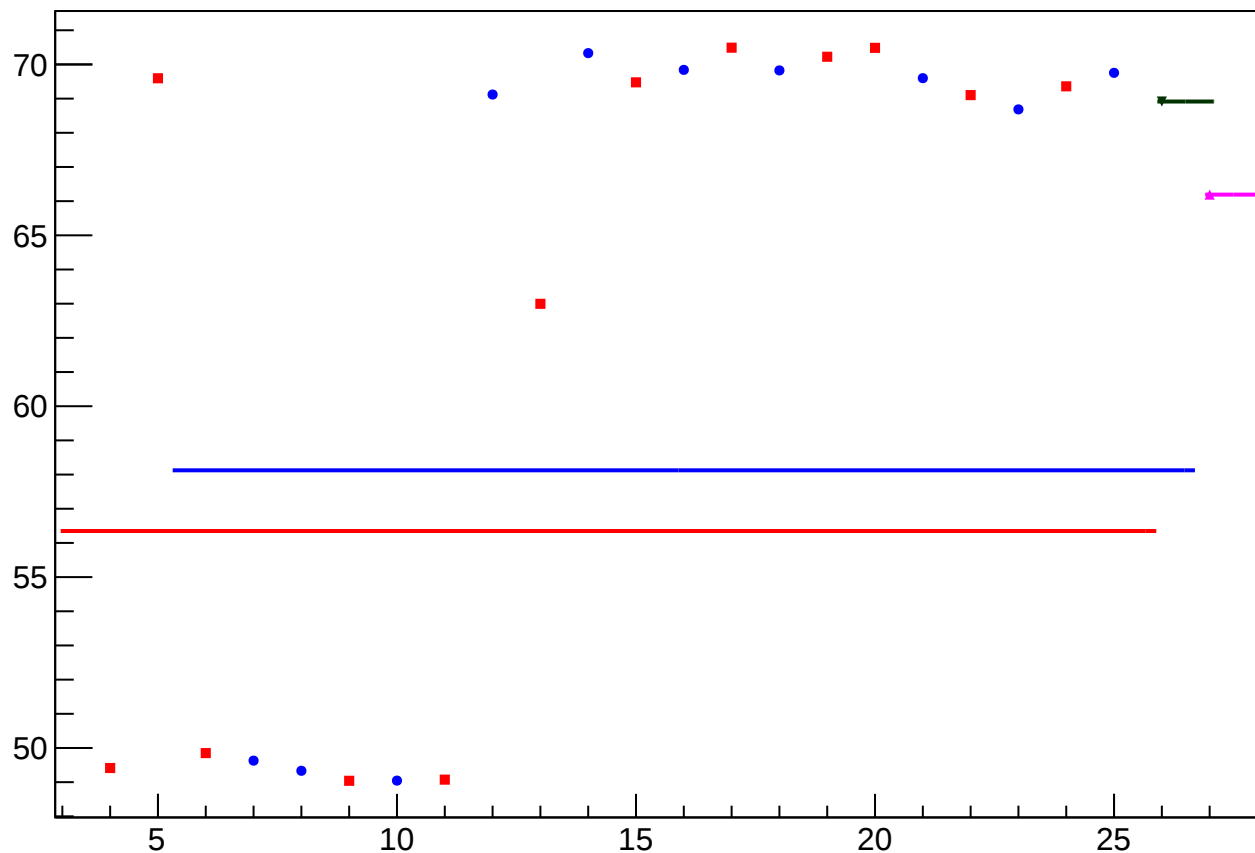
Right Out: 0.156+/-0.000 χ^2/NDF : 828596.5/11

Left In: 0.182+/-0.000 χ^2/NDF : 0.0/0

0.167+/-0.000 χ^2/NDF : 926609.6/10

0.159+/-0.000 χ^2/NDF : 859421.4/12

yield_bcm_dg_ds_mean vs slug



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

Left Out: 68.915+/-0.000 χ^2/NDF : 0.0/0

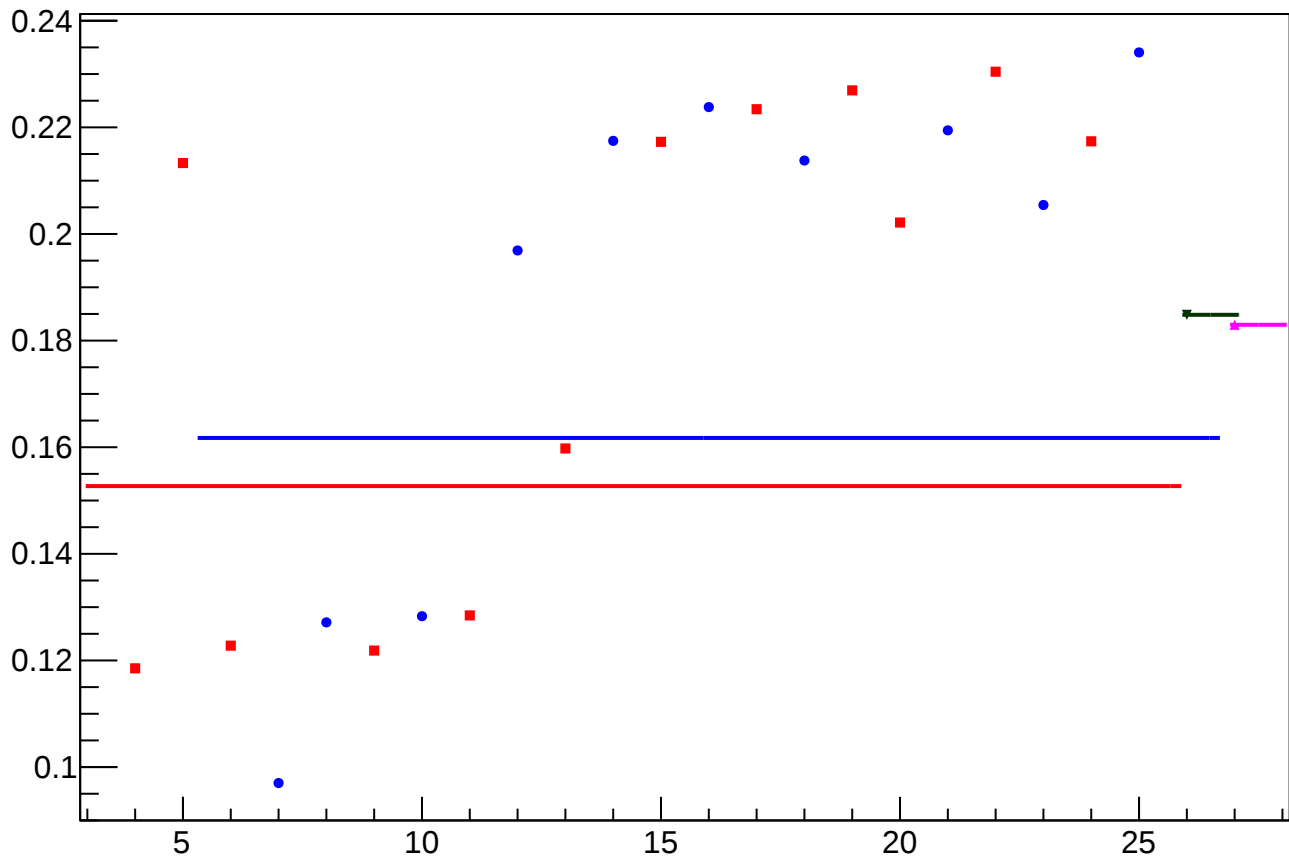
Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

Left In: 66.191+/-0.000 χ^2/NDF : 0.0/0

58.770+/-0.000 χ^2/NDF : 23802047927.5/10

57.262+/-0.000 χ^2/NDF : 21901298704.8/12

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 : 0.0/0

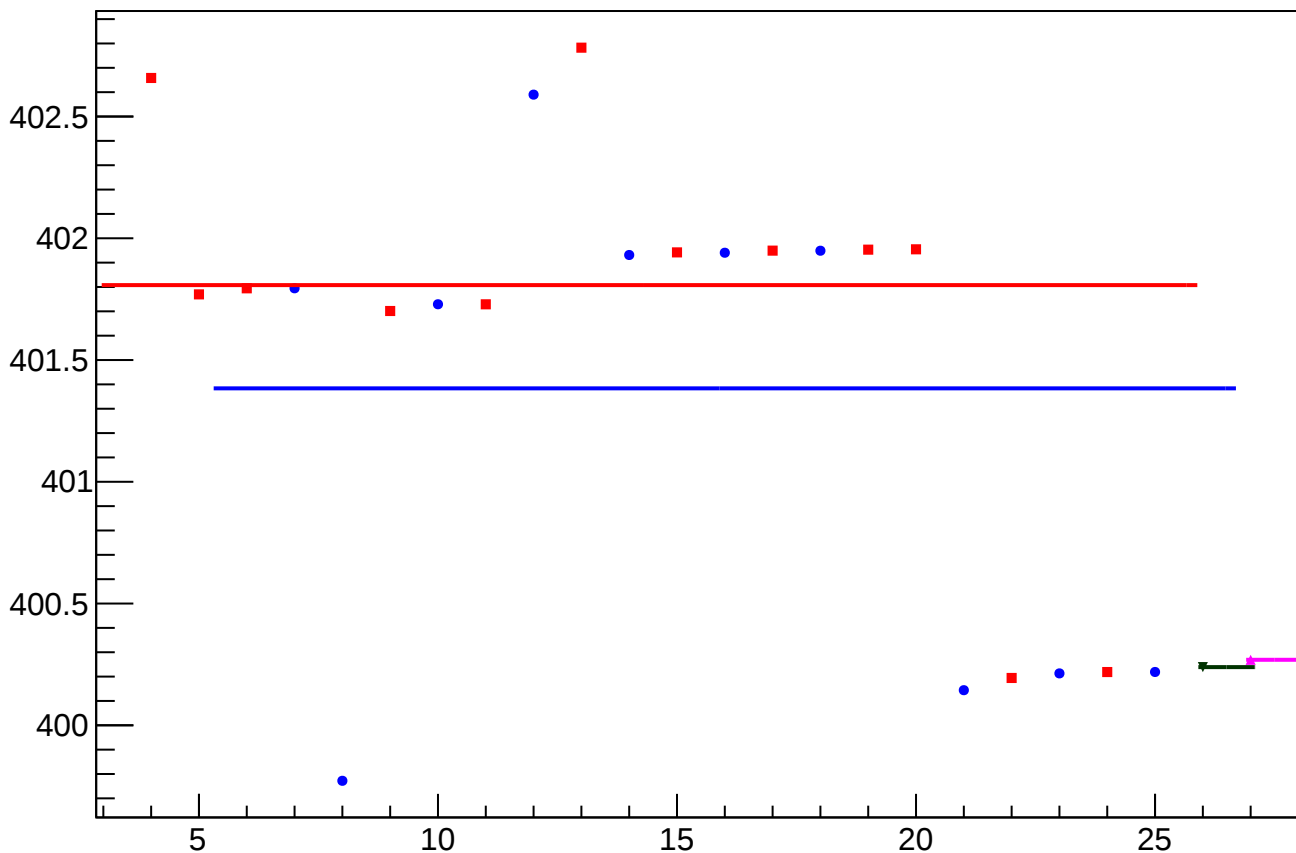
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

Left In: 0.183+/-0.000 χ^2/NDF : 0.0/0

0.163+/-0.000 χ^2/NDF : 986233.3/10

0.156+/-0.000 χ^2/NDF : 851060.2/12

yield_cav4bQ_mean vs slug



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

Left Out: 400.239+/-0.000 χ^2/NDF : 0.0/0

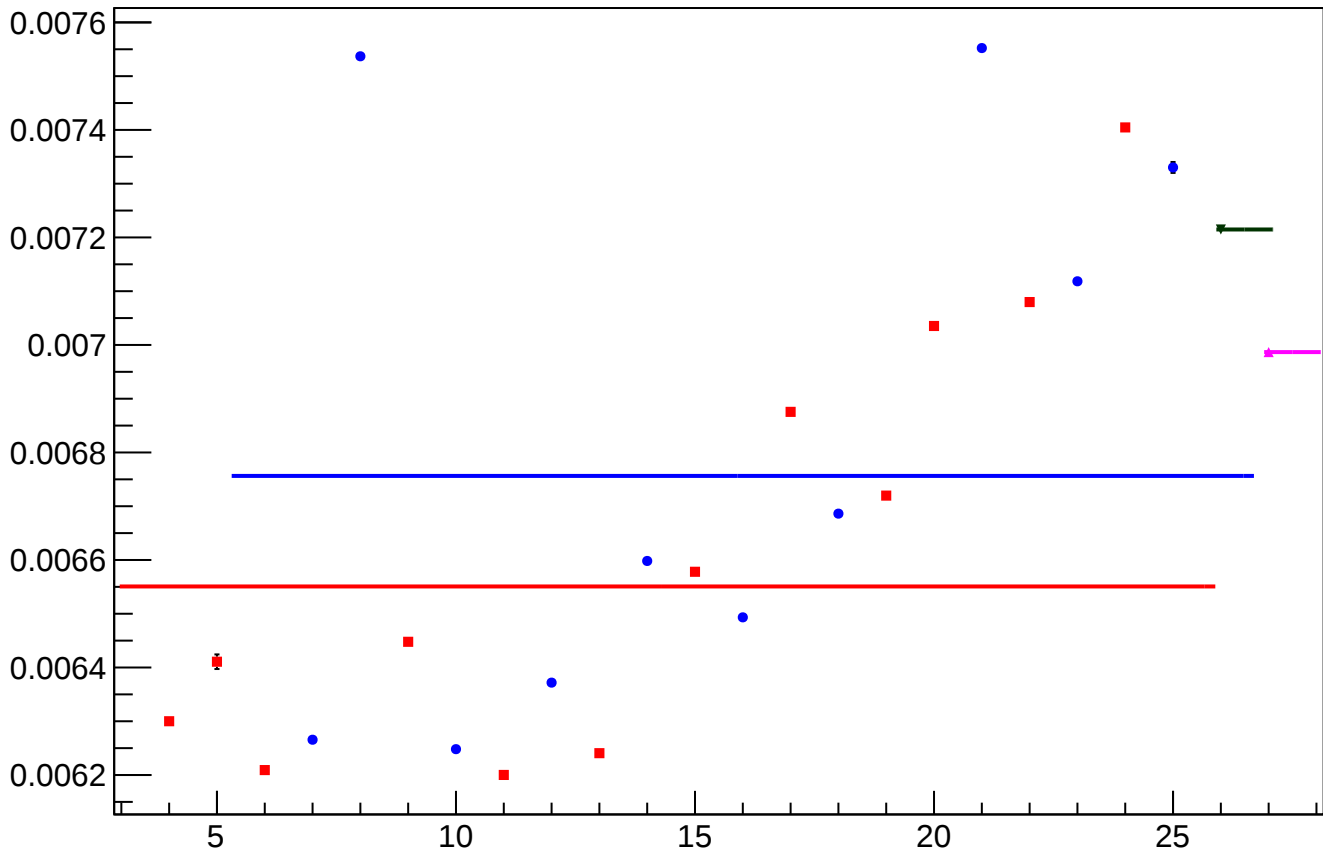
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

Left In: 400.269+/-0.000 χ^2/NDF : 0.0/0

401.311+/-0.000 χ^2/NDF : 134075400707.2/10

401.645+/-0.000 χ^2/NDF : 122146040199.0/12

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 : 0.0/0

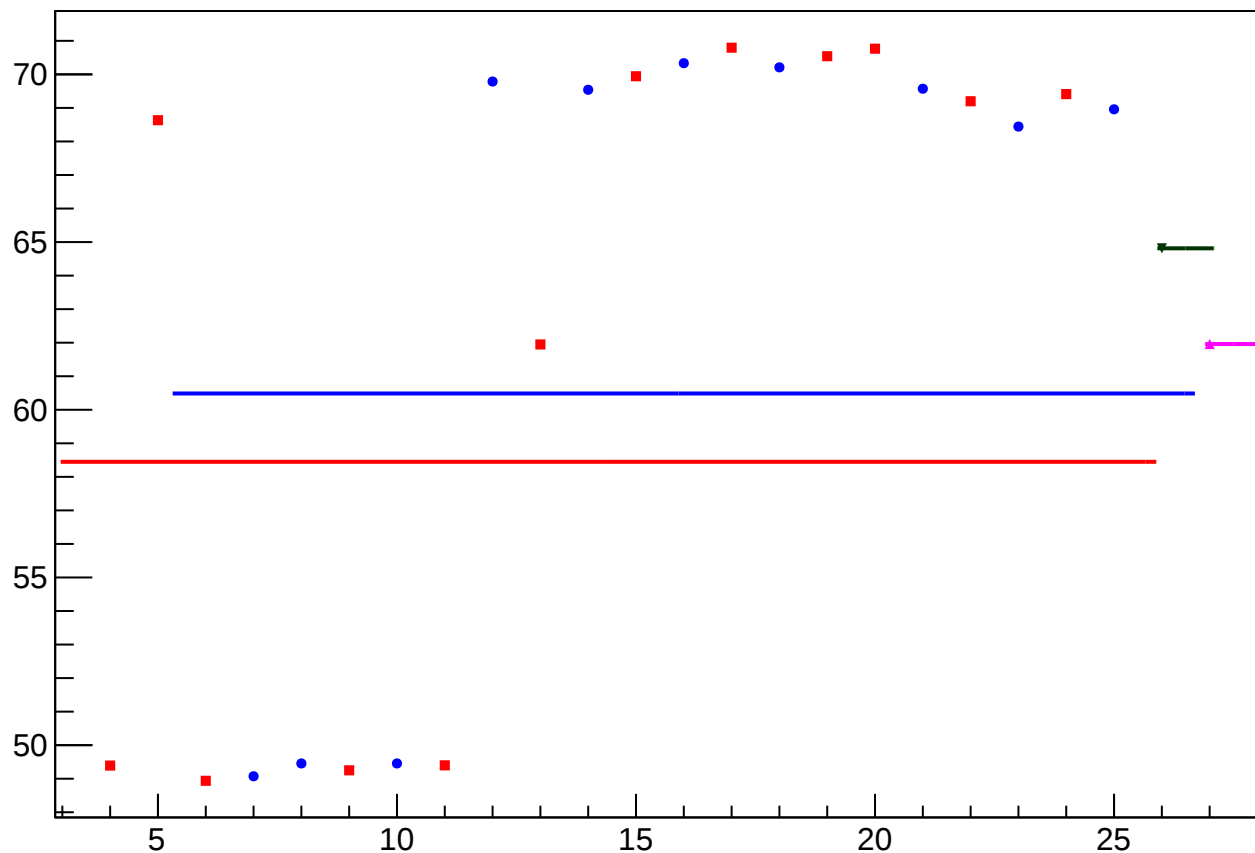
0.007+/-0.000 χ^2/NDF : 66714.5/10

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

0.007+/-0.000 χ^2/NDF : 48072.1/12

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs slug



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

Left Out: 64.814+/-0.000 χ^2/NDF : 0.0/0

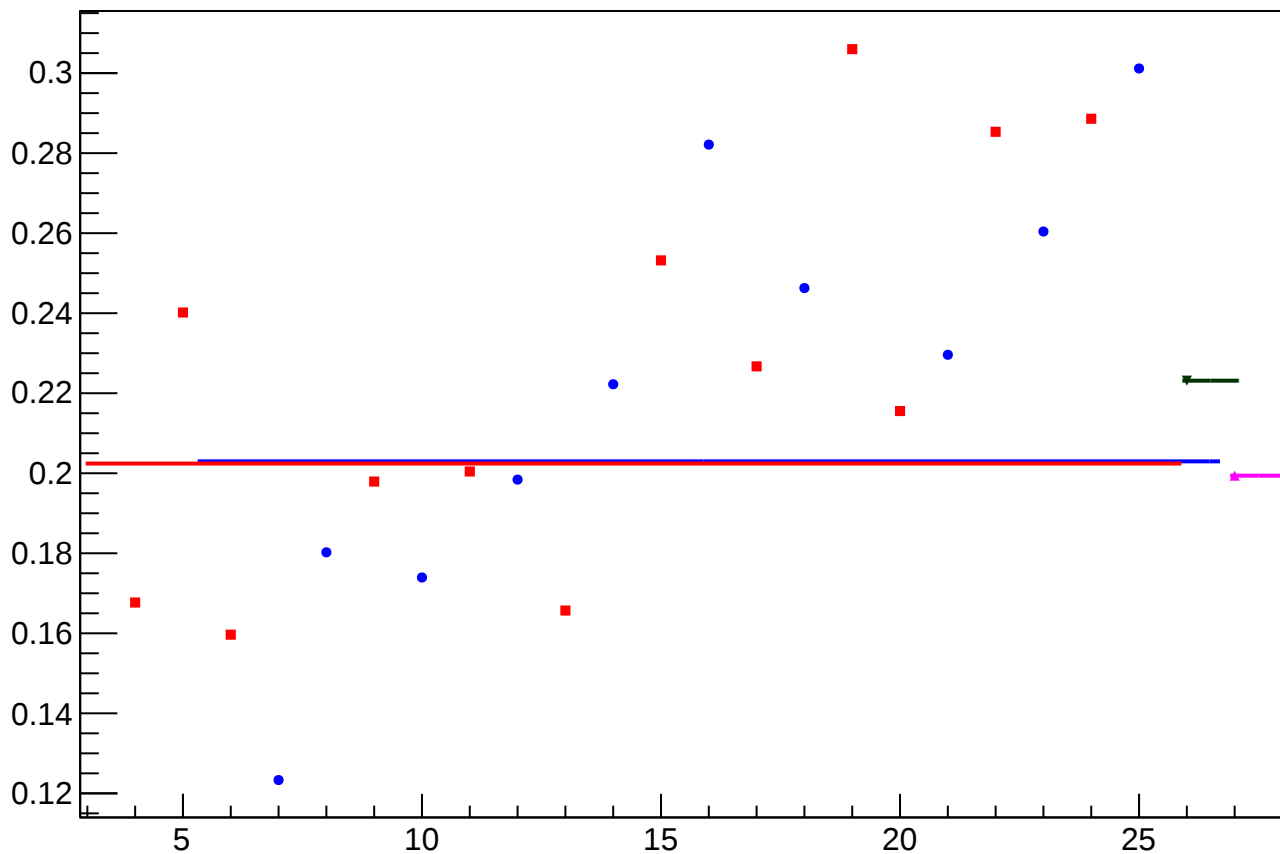
Right Out: 58.449+/-0.000 χ^2/NDF : 11367122273.9/11

Left In: 61.960+/-0.000 χ^2/NDF : 0.0/0

60.749+/-0.000 χ^2/NDF : 14097180680.3/10

58.895+/-0.000 χ^2/NDF : 11569932157.9/12

yield_cav4cQ_rms vs slug



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

Left Out: 0.223+/-0.000 χ^2/NDF : 0.0/0

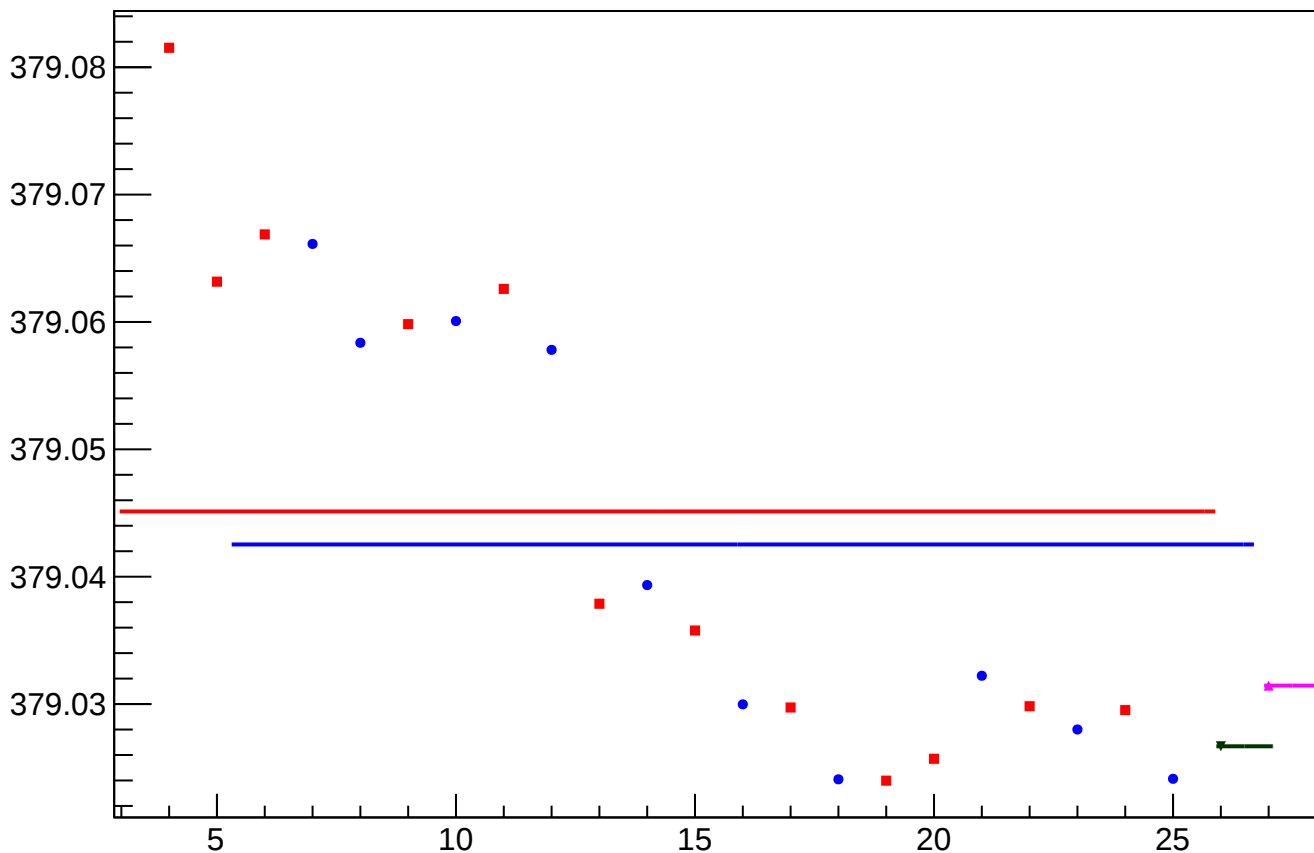
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.199+/-0.000 χ^2/NDF : 0.0/0

0.204+/-0.000 χ^2/NDF : 516153.3/10

0.202+/-0.000 χ^2/NDF : 477944.9/12

yield_cav4dQ_mean vs slug



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

Left Out: 379.027+/-0.000 χ^2/NDF : 0.0/0

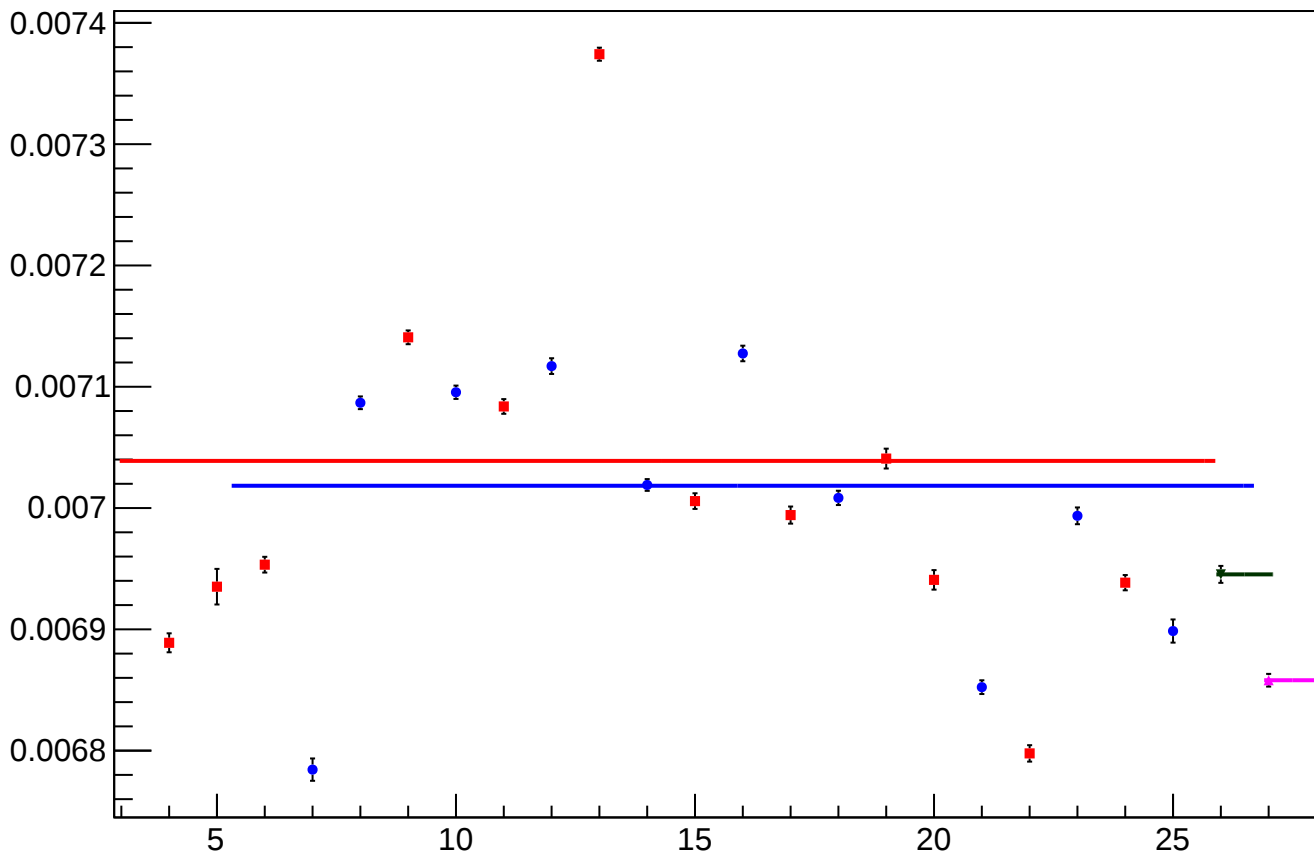
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

Left In: 379.031+/-0.000 χ^2/NDF : 0.0/0

379.041+/-0.000 χ^2/NDF : 30821747.9/10

379.043+/-0.000 χ^2/NDF : 43913582.7/12

yield_cav4dQ_rms vs slug



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

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

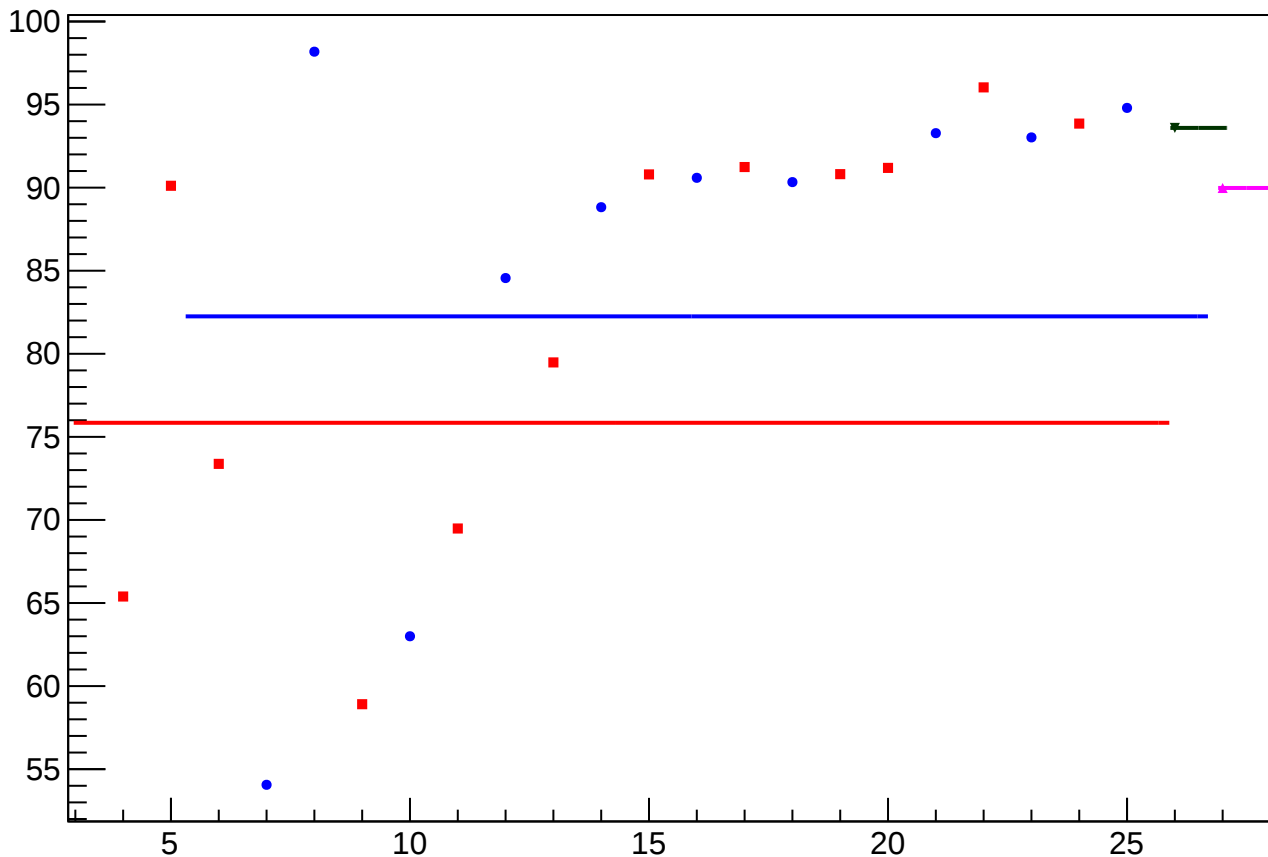
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 2666.3/10

0.007+/-0.000 χ^2/NDF : 7627.6/12

yield_bcm0l02_mean vs slug



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

Left Out: 93.595+/-0.000 χ^2/NDF : 0.0/0

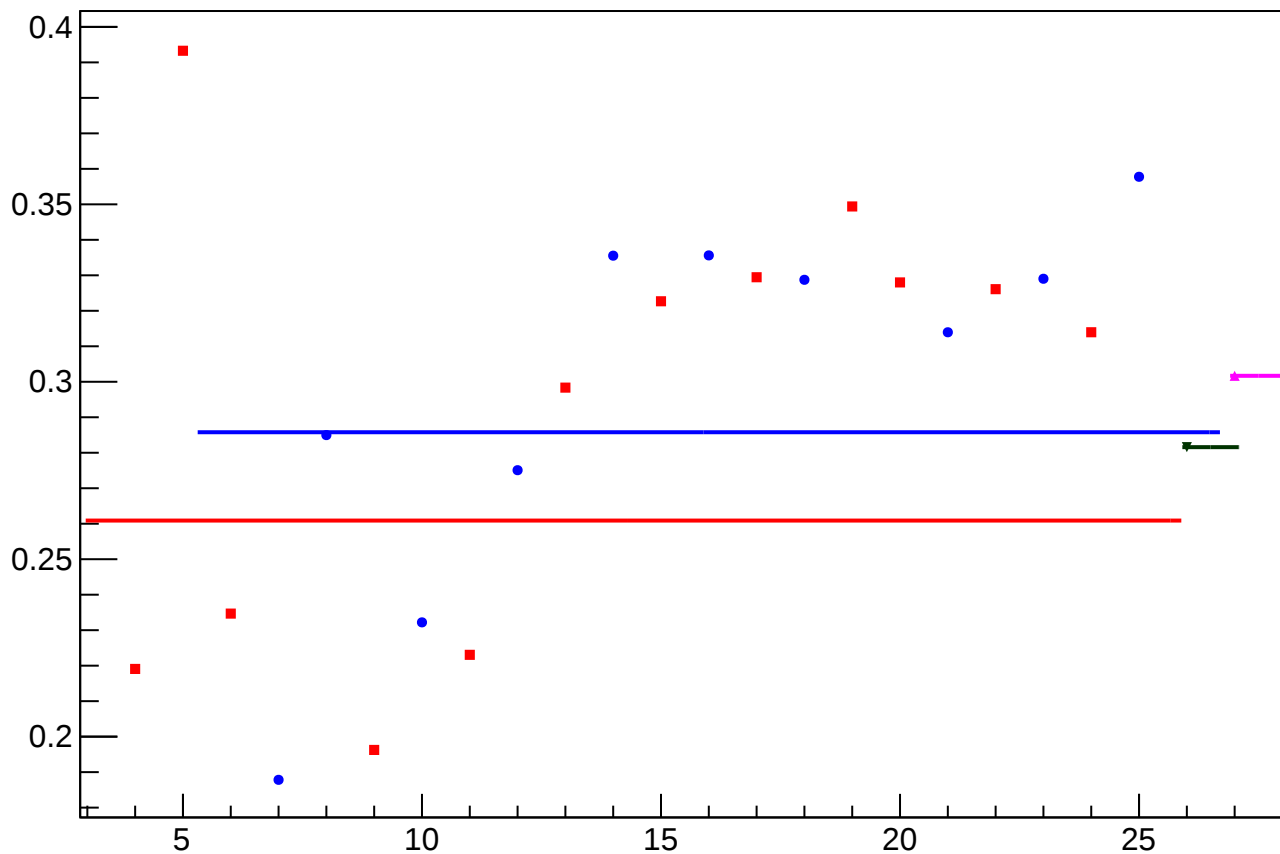
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 89.980+/-0.000 χ^2/NDF : 0.0/0

83.134+/-0.000 χ^2/NDF : 15952559732.6/10

77.230+/-0.000 χ^2/NDF : 15026882514.3/12

yield_bcm0l02_rms vs slug



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

Left Out: 0.282+/-0.000 χ^2/NDF : 0.0/0

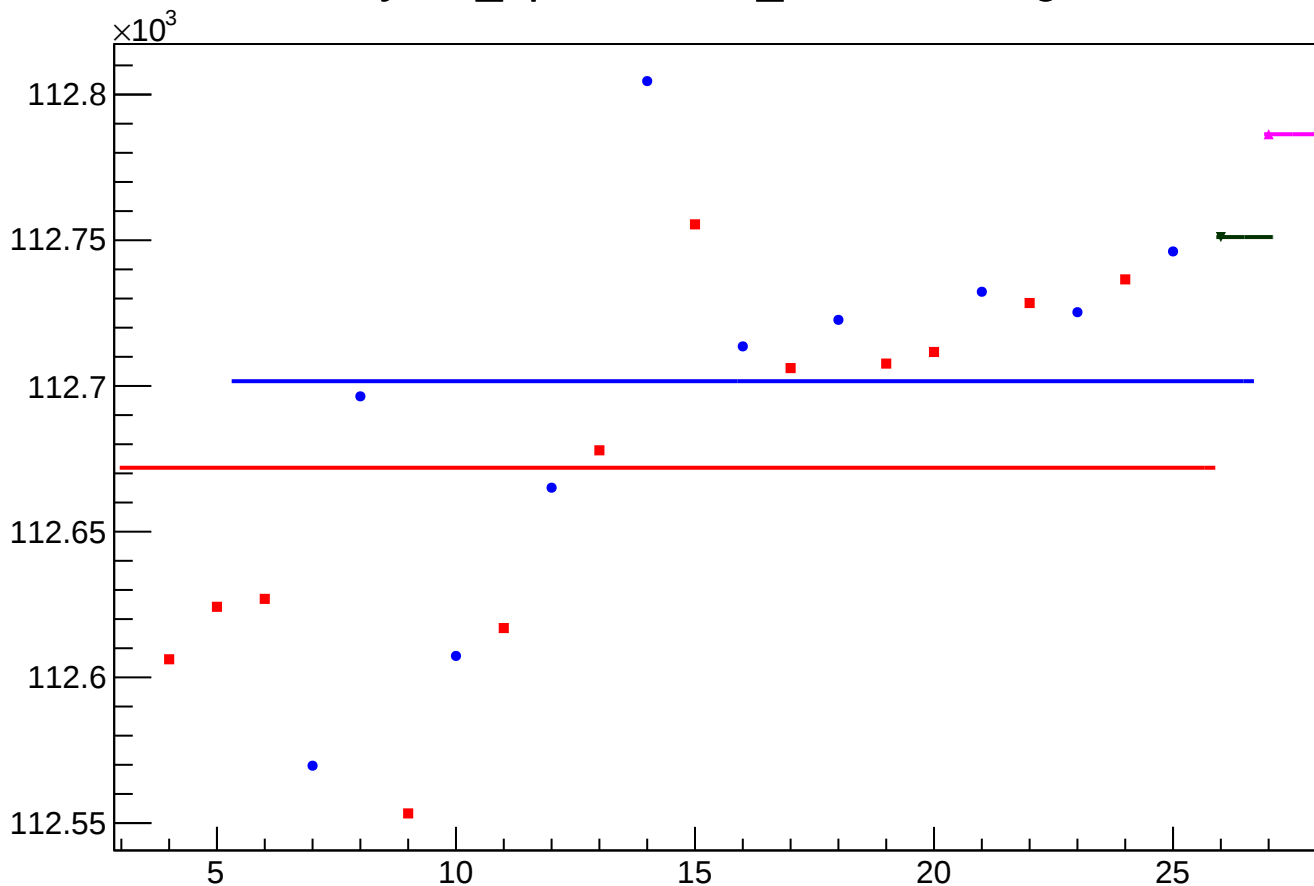
Right Out: 0.261+/-0.000 χ^2/NDF : 481520.7/11

Left In: 0.302+/-0.000 χ^2/NDF : 0.0/0

0.285+/-0.000 χ^2/NDF : 344532.8/10

0.265+/-0.000 χ^2/NDF : 507245.3/12

yield_bpm2i01WS_mean vs slug



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

Left Out: 112751.092 $\pm$ 0.153 χ^2 /NDF: 0.0/0

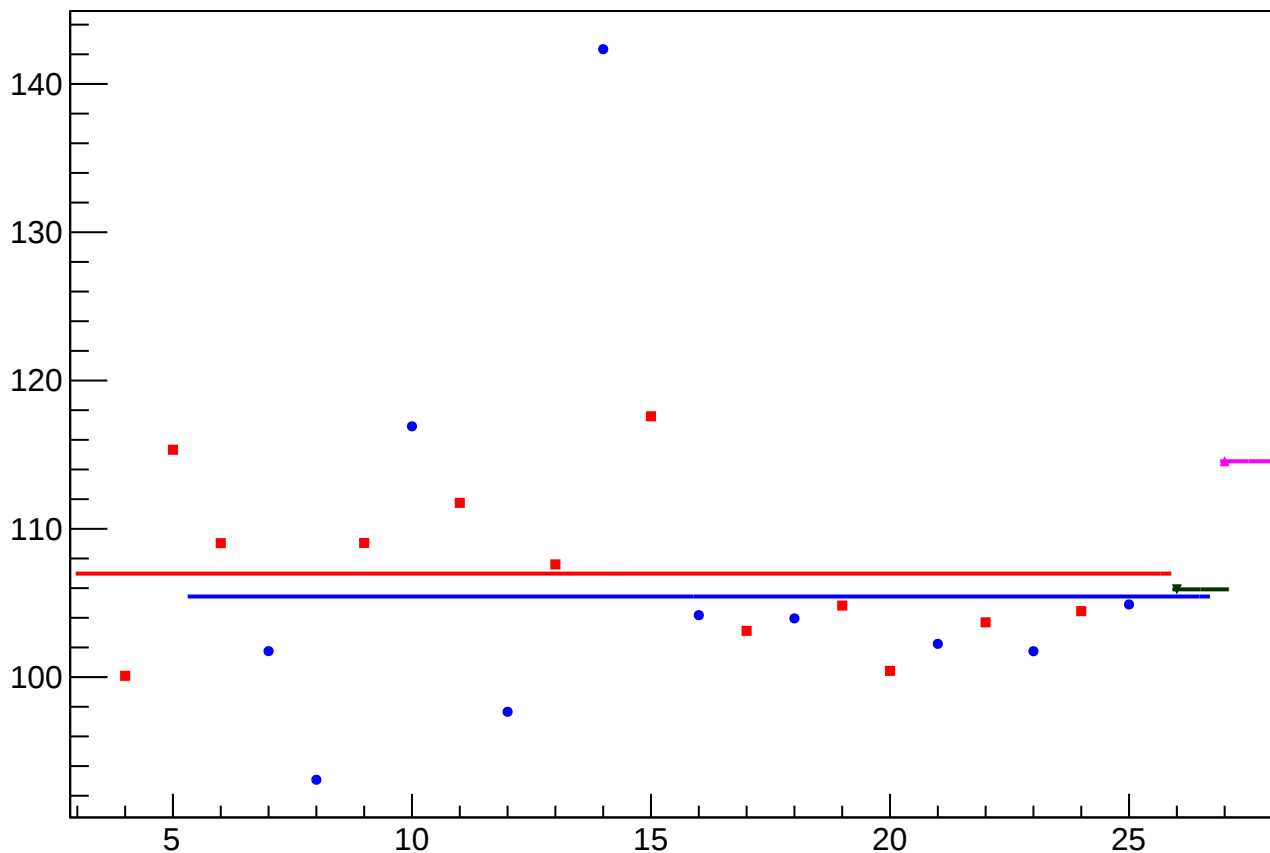
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 112786.381 $\pm$ 0.130 χ^2 /NDF: 0.0/0

112705.186 $\pm$ 0.041 χ^2 /NDF: 1795681.0/10

112683.401 $\pm$ 0.041 χ^2 /NDF: 2717075.9/12

yield_bpm2i01WS_rms vs slug



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

Left Out: 105.918+/-0.108 χ^2/NDF : 0.0/0

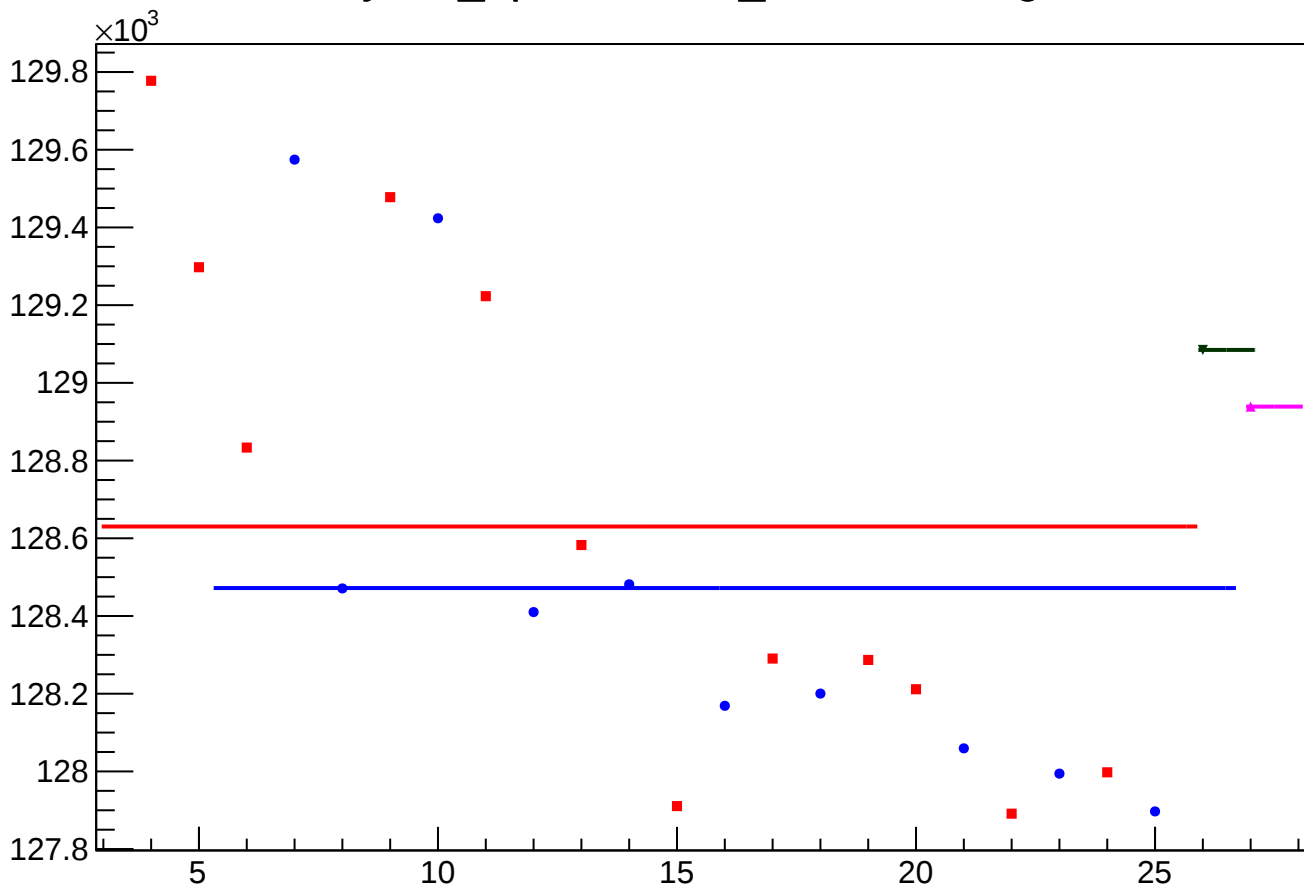
Right Out: 106.980+/-0.031 χ^2/NDF : 22698.2/11

Left In: 114.560+/-0.092 χ^2/NDF : 0.0/0

105.470+/-0.029 χ^2/NDF : 188356.9/10

107.739+/-0.029 χ^2/NDF : 28801.3/12

yield_bpm0i07WS_mean vs slug



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

Left Out: 129084.771 $\pm$ 0.321 χ^2 /NDF: 0.0/0

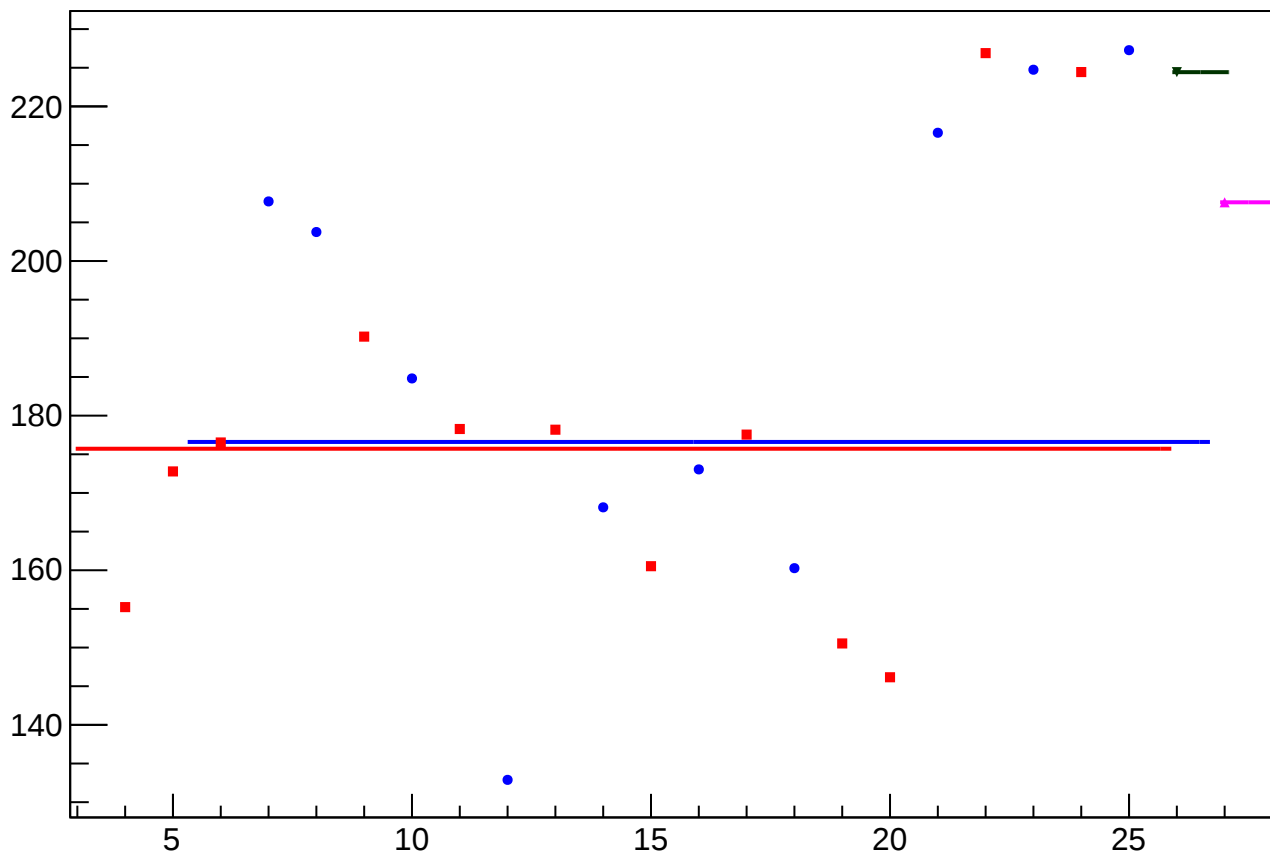
128500.447 $\pm$ 0.069 χ^2 /NDF: 42791979.4/10

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

128658.103 $\pm$ 0.068 χ^2 /NDF: 71673968.3/12

Left In: 128938.897 $\pm$ 0.226 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs slug



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

Left Out: 224.430 $\pm$ 0.227 χ^2 /NDF: 0.0/0

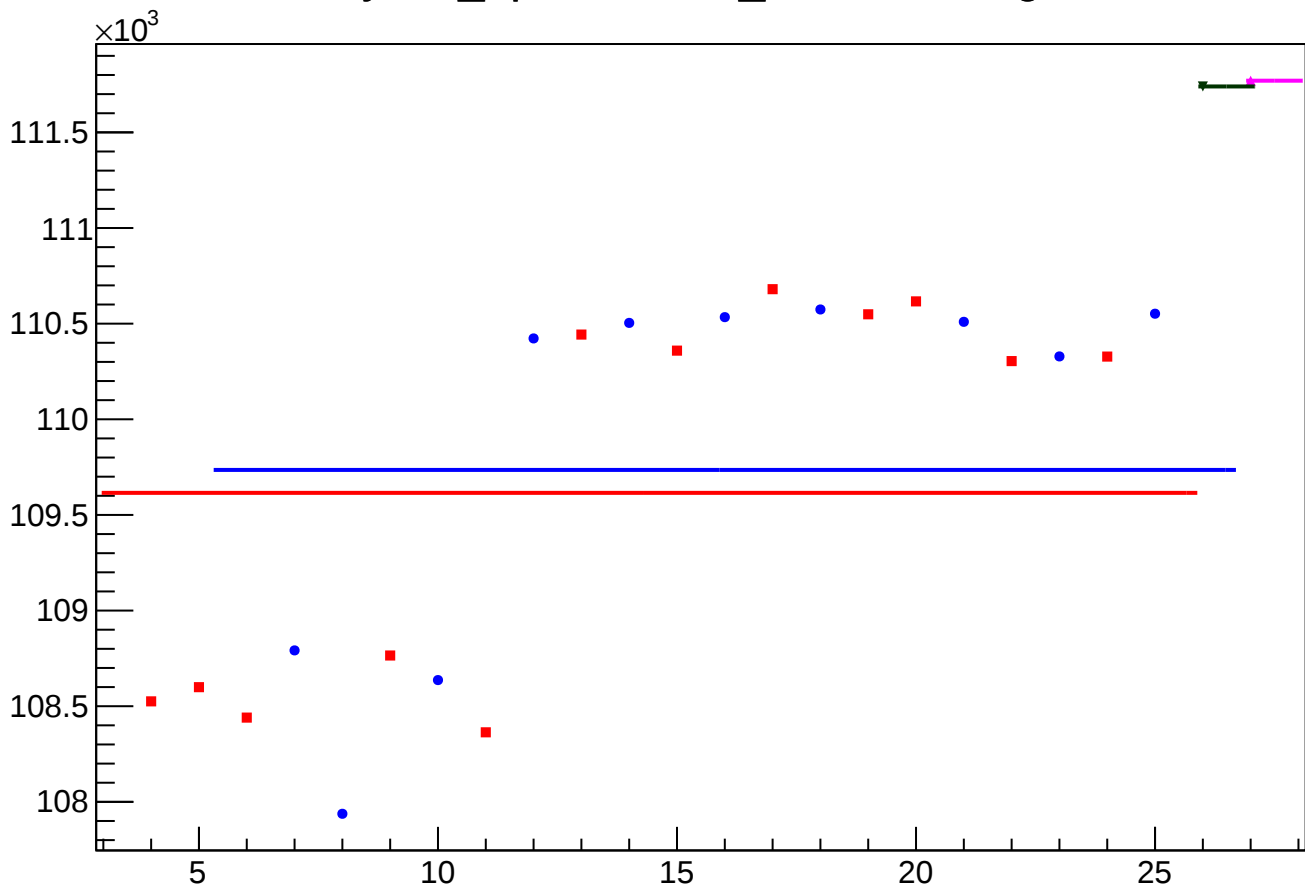
Right Out: 175.718 $\pm$ 0.050 χ^2 /NDF: 188443.6/11

Left In: 207.596 $\pm$ 0.160 χ^2 /NDF: 0.0/0

178.823 $\pm$ 0.049 χ^2 /NDF: 358961.6/10

178.588 $\pm$ 0.048 χ^2 /NDF: 224668.2/12

yield_bpm0l01WS_mean vs slug



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

Left Out: 111740.041 $\pm$ 0.155 χ^2 /NDF: 0.0/0

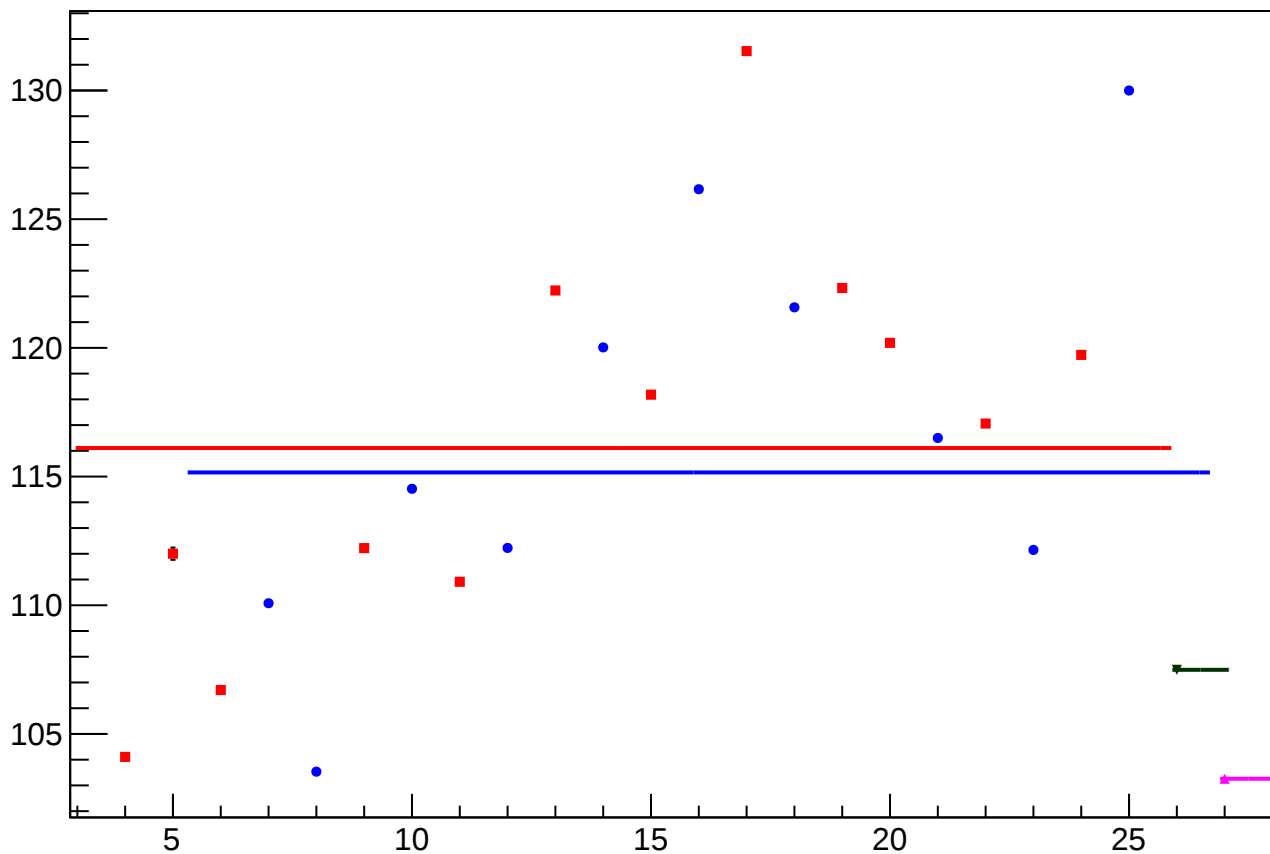
109895.882 $\pm$ 0.044 χ^2 /NDF: 691227642.4/10

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

109931.372 $\pm$ 0.043 χ^2 /NDF: 730913022.7/12

Left In: 111770.169 $\pm$ 0.113 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs slug



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

Left Out: 107.492 $\pm$ 0.110 χ^2 /NDF: 0.0/0

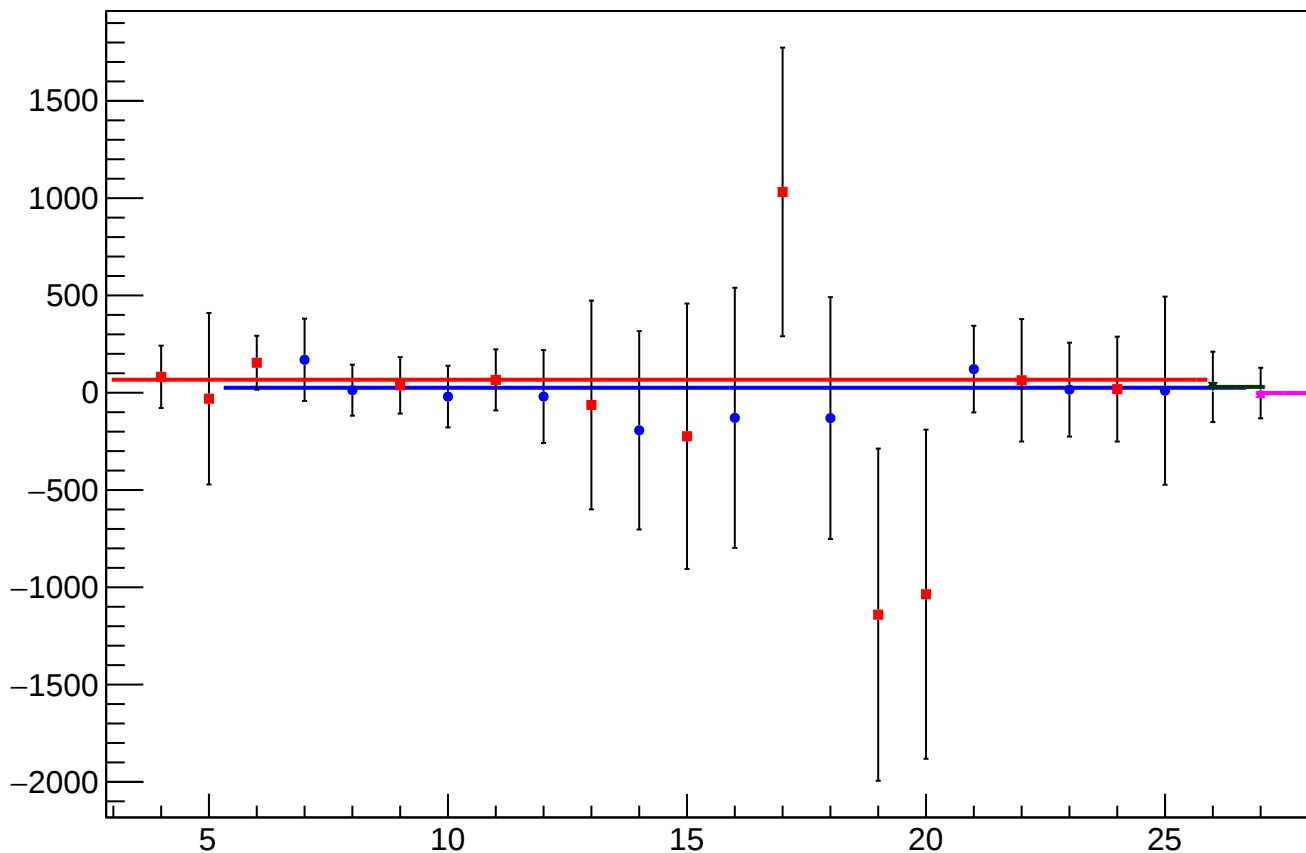
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

Left In: 103.260 $\pm$ 0.080 χ^2 /NDF: 0.0/0

114.546 $\pm$ 0.031 χ^2 /NDF: 52618.9/10

114.225 $\pm$ 0.031 χ^2 /NDF: 66246.1/12

asym_bcm_an_ds_mean vs slug



Right In: 25.622 $\pm$ 72.900 χ^2 /NDF: 1.1/9

Left Out: 30.081 $\pm$ 180.997 χ^2 /NDF: 0.0/0

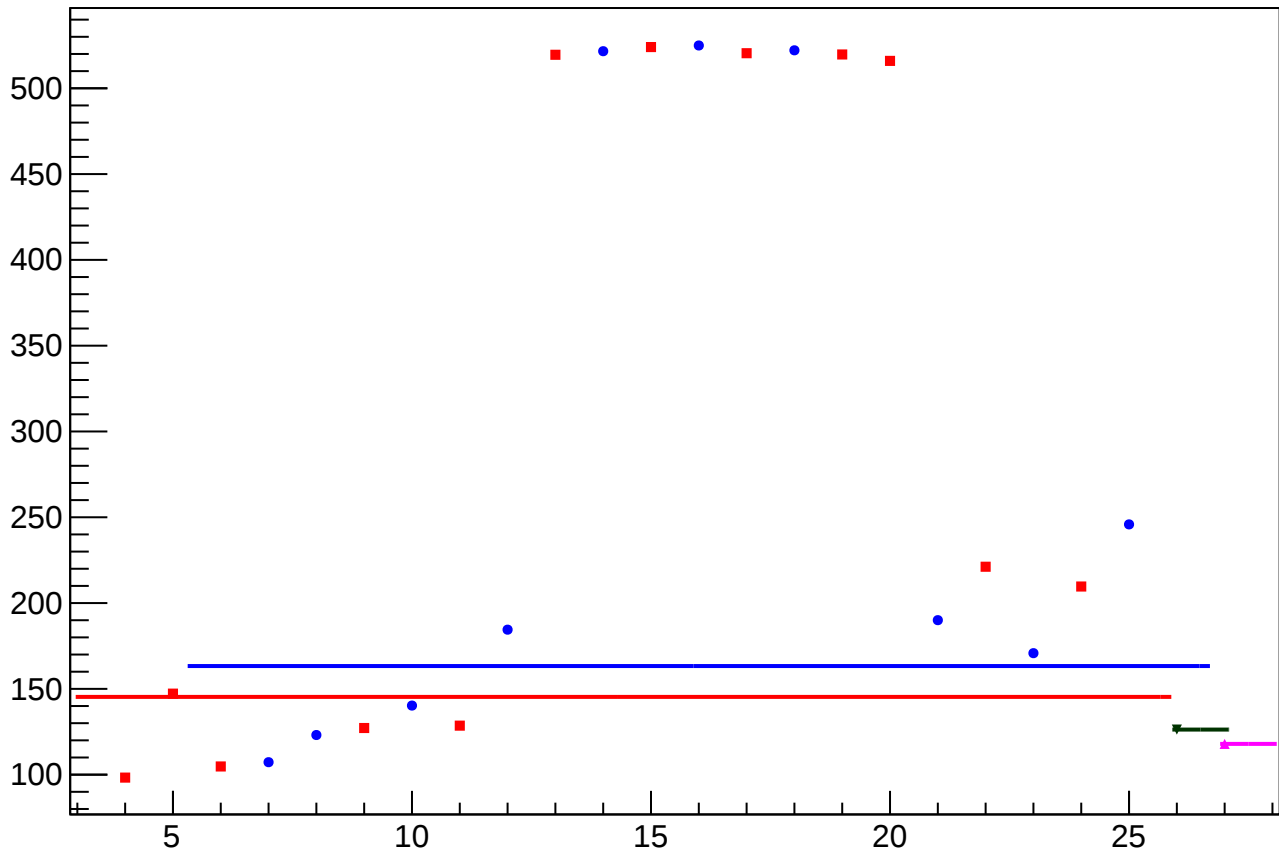
Right Out: 66.920 $\pm$ 67.669 χ^2 /NDF: 6.2/11

Left In: -1.528 $\pm$ 129.927 χ^2 /NDF: 0.0/0

26.244 $\pm$ 67.621 χ^2 /NDF: 1.1/10

52.315 $\pm$ 60.017 χ^2 /NDF: 6.4/12

asym_bcm_an_ds_rms vs slug



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

Left Out: 126.276+/-0.128 χ^2/NDF : 0.0/0

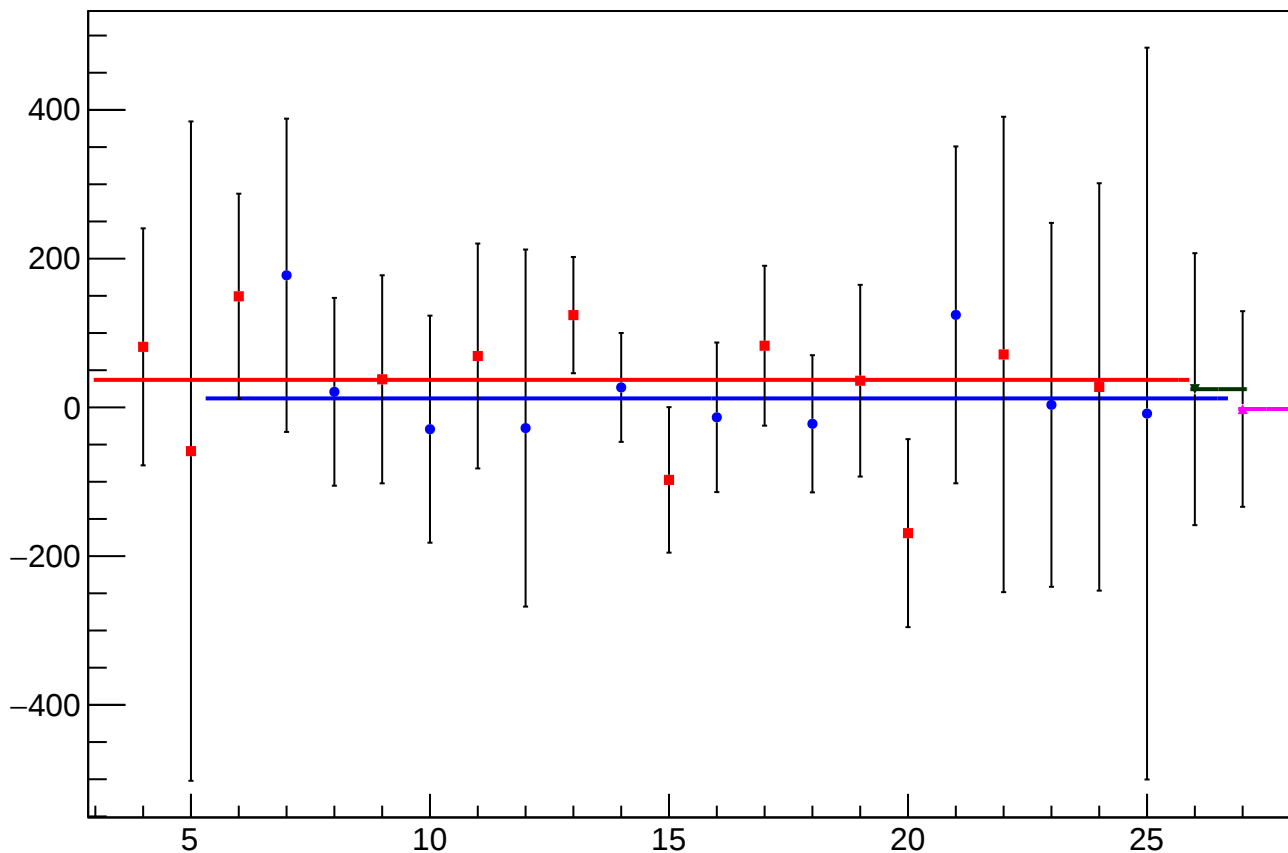
158.131+/-0.048 χ^2/NDF : 2788024.5/10

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

139.475+/-0.042 χ^2/NDF : 3568311.4/12

Left In: 117.929+/-0.092 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_mean vs slug



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

Left Out: 24.514+/-182.822 χ^2/NDF : 0.0/0

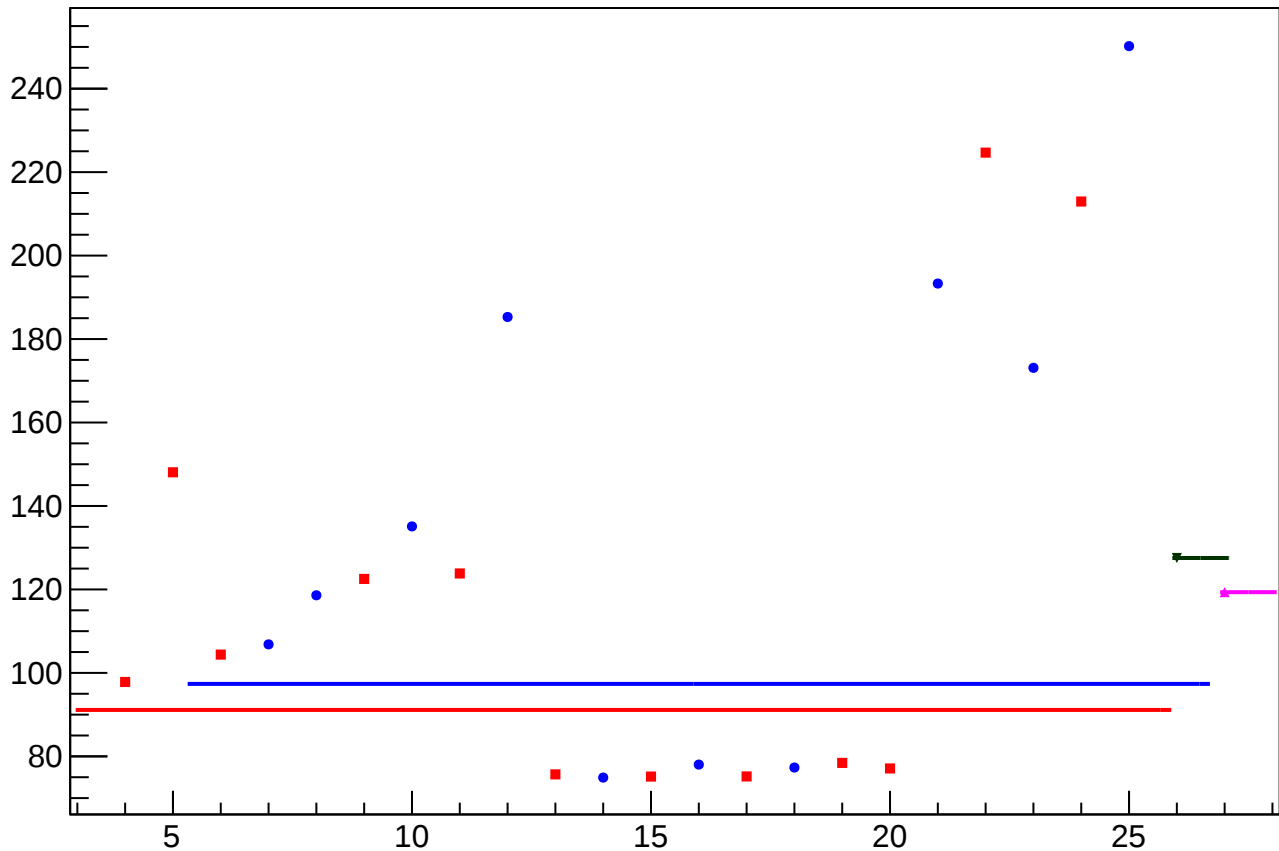
Right Out: 37.031+/-38.001 χ^2/NDF : 6.8/11

Left In: -2.164+/-131.518 χ^2/NDF : 0.0/0

12.698+/-40.200 χ^2/NDF : 1.2/10

34.011+/-36.508 χ^2/NDF : 6.9/12

asym_bcm_an_ds3_rms vs slug



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

Left Out: 127.537+/-0.129 χ^2/NDF : 0.0/0

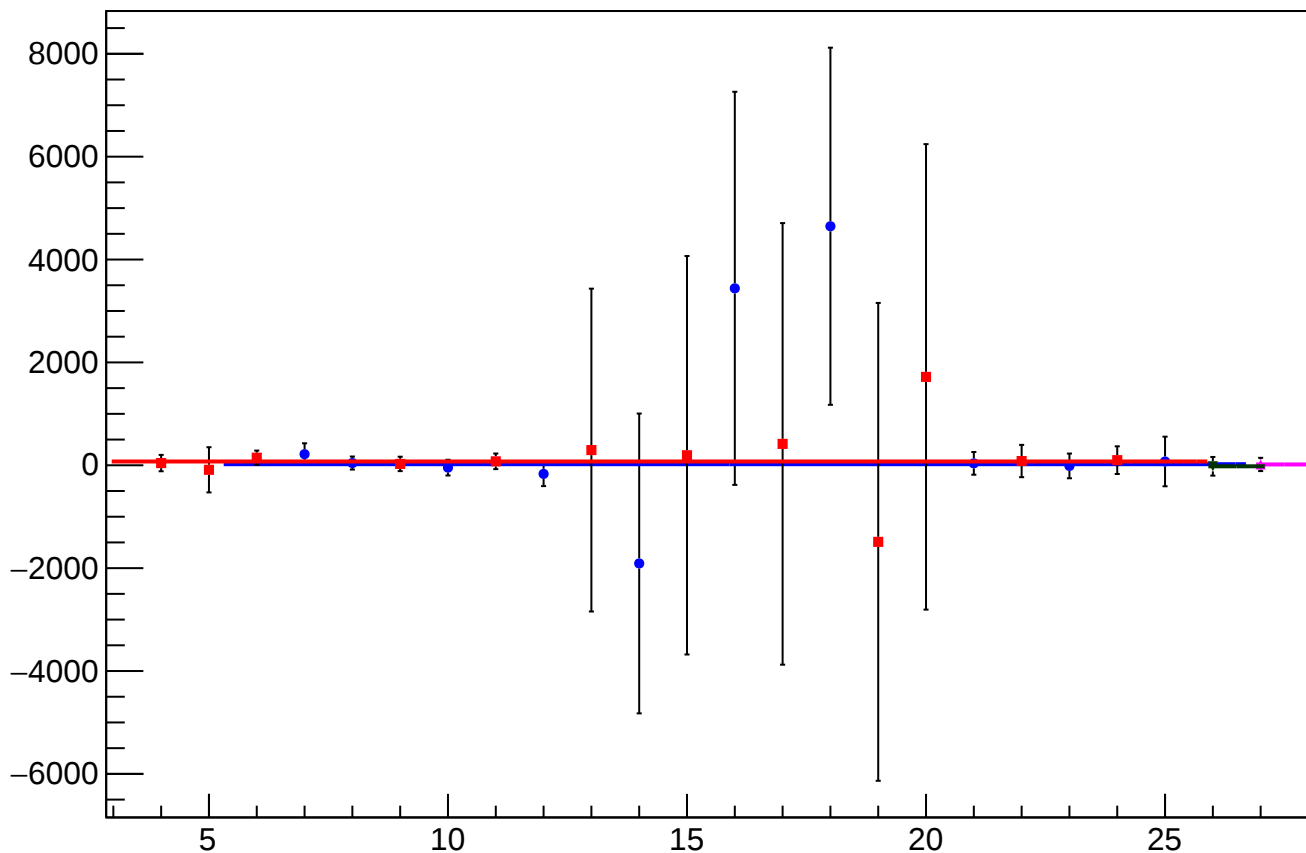
Right Out: 91.126+/-0.027 χ^2/NDF : 1213529.6/11

Left In: 119.347+/-0.093 χ^2/NDF : 0.0/0

98.825+/-0.028 χ^2/NDF : 1602886.5/10

93.300+/-0.026 χ^2/NDF : 1298524.3/12

asym_bcm_an_us_mean vs slug



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

Left Out: -19.883+/-181.508 χ^2/NDF : 0.0/0

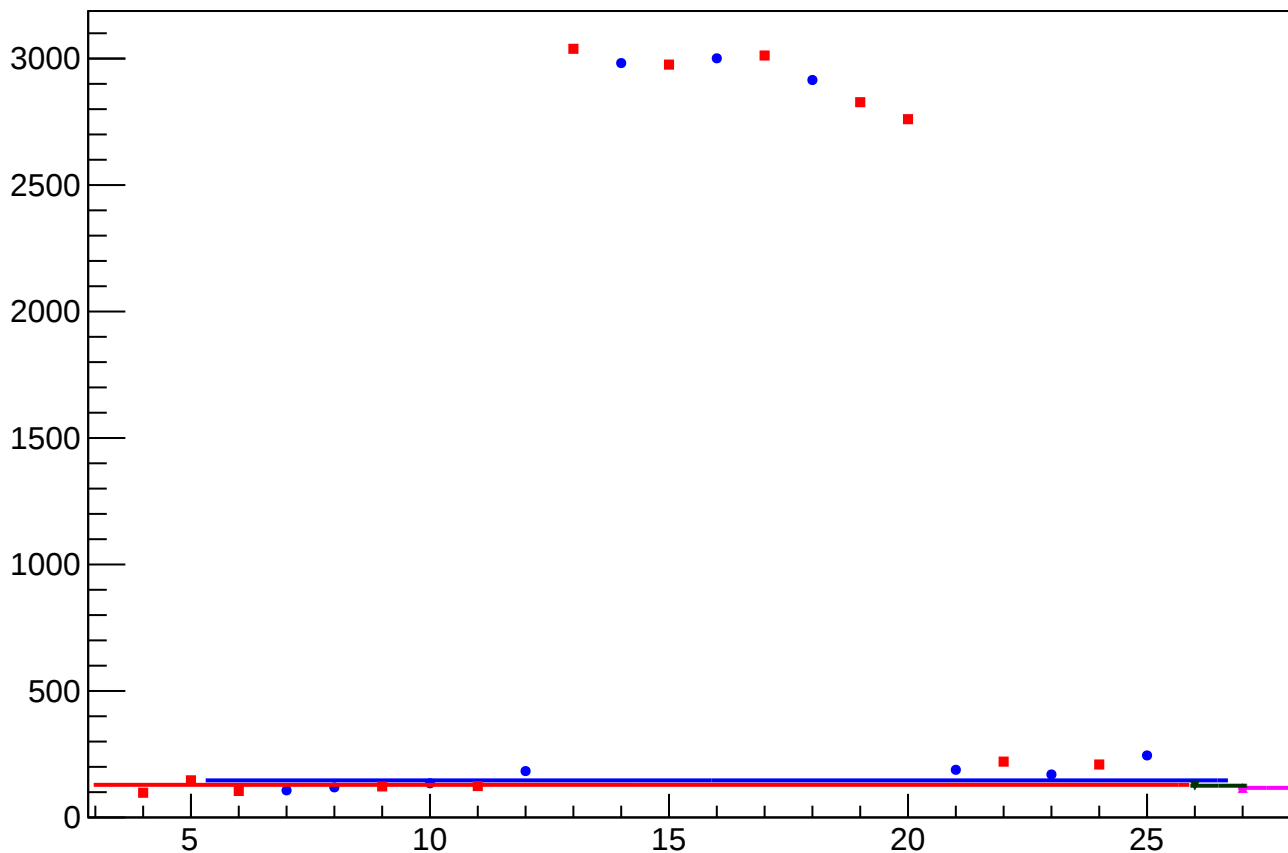
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 16.090+/-128.908 χ^2/NDF : 0.0/0

15.247+/-67.699 χ^2/NDF : 4.8/10

61.170+/-60.214 χ^2/NDF : 1.0/12

asym_bcm_an_us_rms vs slug



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

Left Out: 125.521 $\pm$ 0.128 χ^2 /NDF: 0.0/0

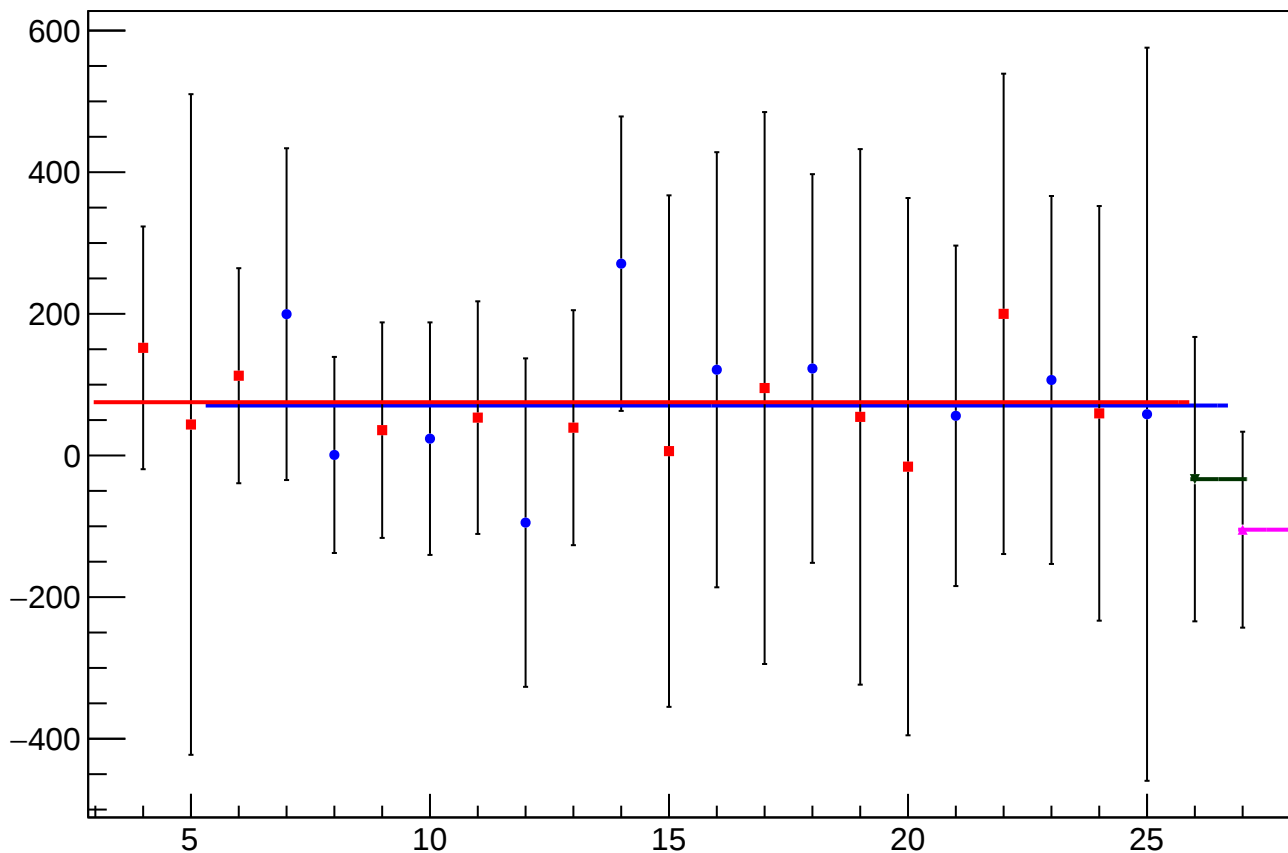
Right Out: 128.952 $\pm$ 0.048 χ^2 /NDF: 5549811.0/11

Left In: 116.938 $\pm$ 0.091 χ^2 /NDF: 0.0/0

143.644 $\pm$ 0.048 χ^2 /NDF: 4702165.3/10

126.331 $\pm$ 0.043 χ^2 /NDF: 5563392.0/12

asym_bcm_dg_us_mean vs slug



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

Left Out: -33.410+/-200.794 χ^2/NDF : 0.0/0

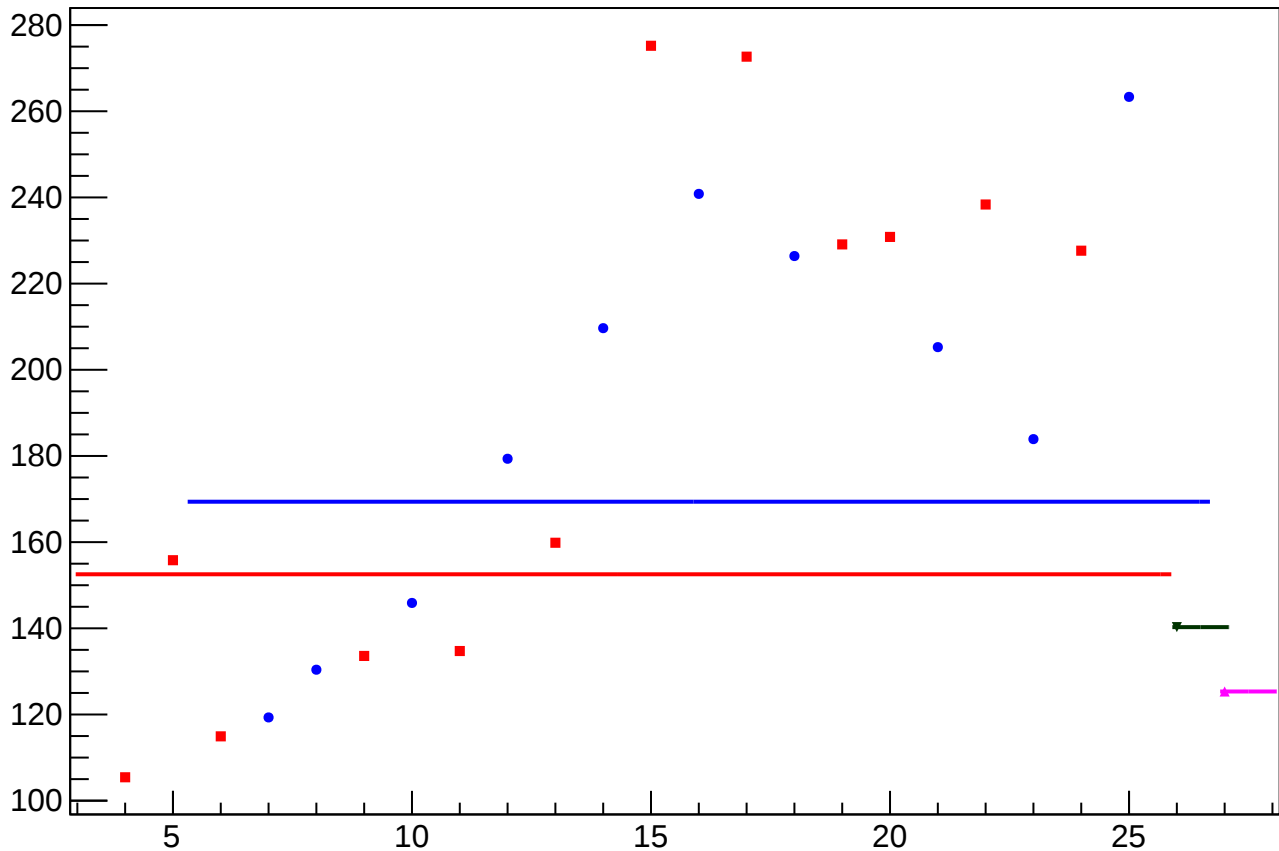
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

Left In: -104.784+/-138.340 χ^2/NDF : 0.0/0

59.514+/-65.405 χ^2/NDF : 2.4/10

43.810+/-57.791 χ^2/NDF : 2.0/12

asym_bcm_dg_us_rms vs slug



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

Left Out: 140.276+/-0.142 χ^2/NDF : 0.0/0

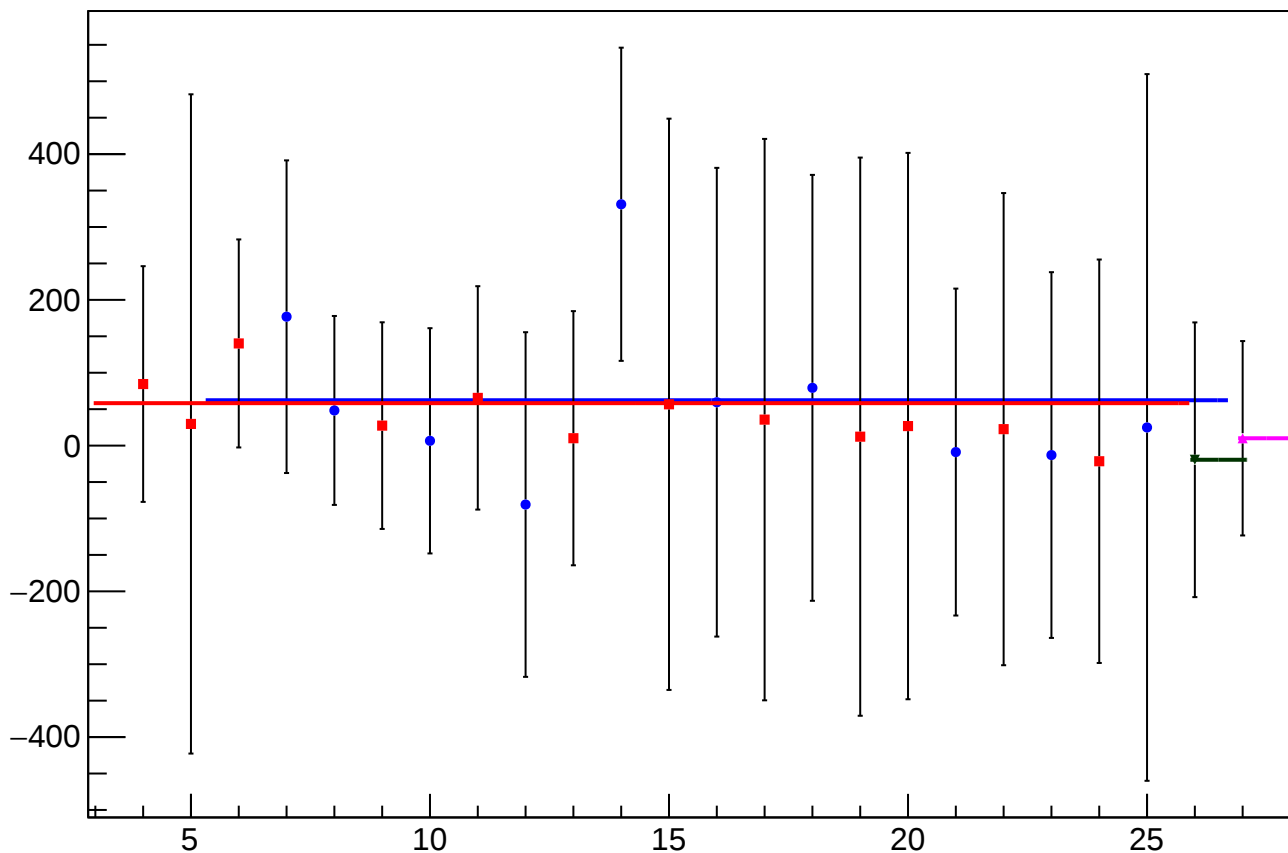
166.294+/-0.046 χ^2/NDF : 718437.9/10

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

147.794+/-0.041 χ^2/NDF : 1243858.6/12

Left In: 125.340+/-0.098 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_mean vs slug



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

Left Out: -19.428+/-188.499 χ^2/NDF : 0.0/0

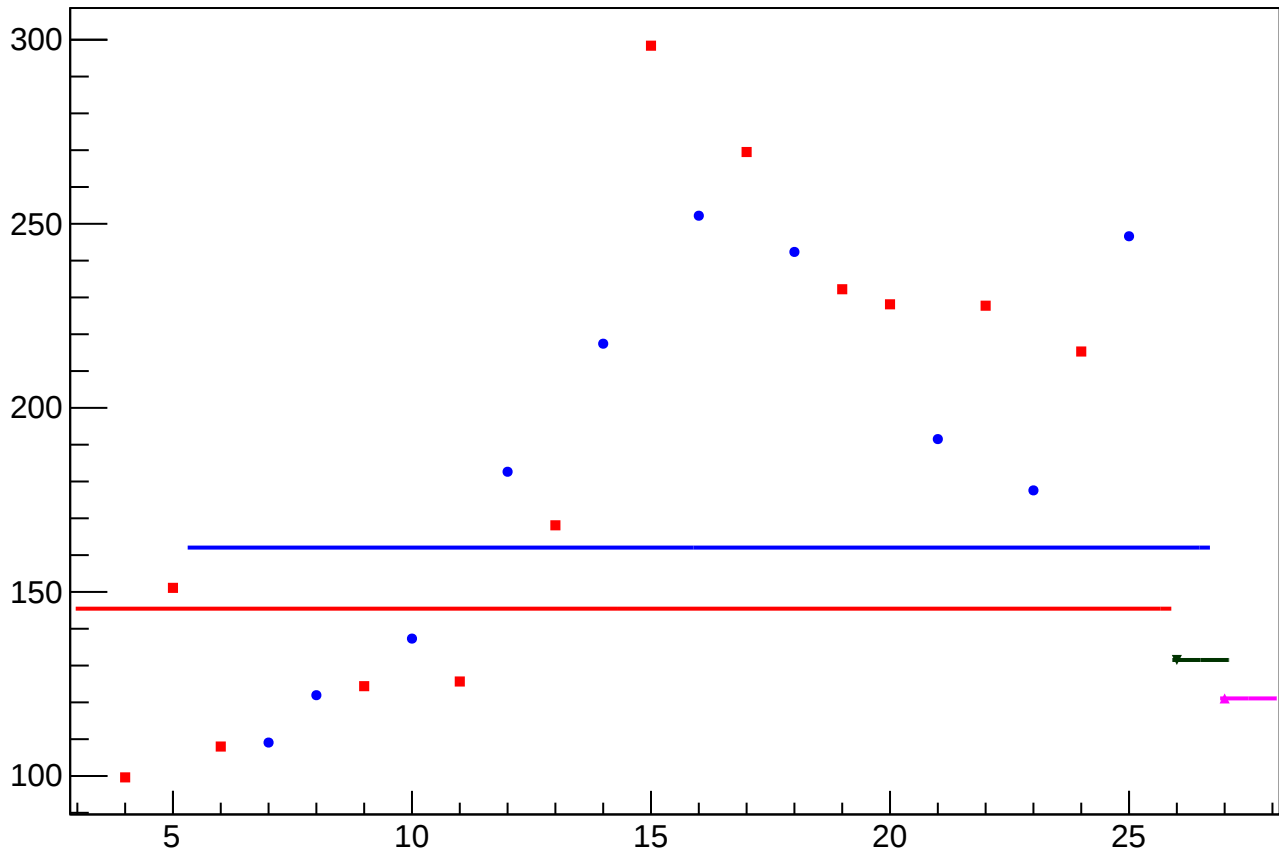
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

Left In: 10.078+/-133.386 χ^2/NDF : 0.0/0

53.136+/-62.976 χ^2/NDF : 2.7/10

49.878+/-55.615 χ^2/NDF : 0.7/12

asym_bcm_dg_ds_rms vs slug



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

Left Out: 131.515+/-0.133 χ^2/NDF : 0.0/0

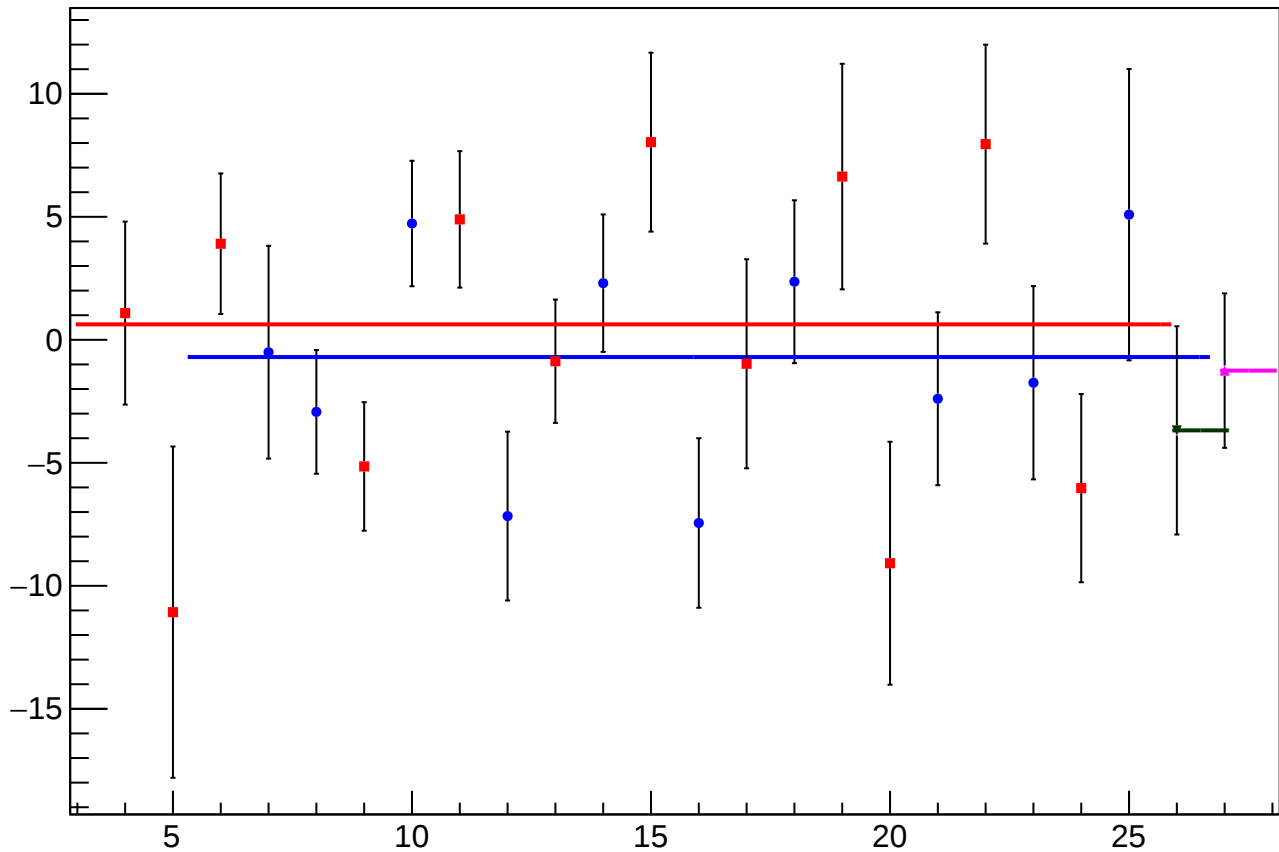
158.640+/-0.045 χ^2/NDF : 970249.0/10

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

141.216+/-0.039 χ^2/NDF : 1433016.7/12

Left In: 121.073+/-0.094 χ^2/NDF : 0.0/0

asym_cav4bQ_mean vs slug



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

Left Out: -3.681 ± 4.233 χ^2/NDF : 0.0/0

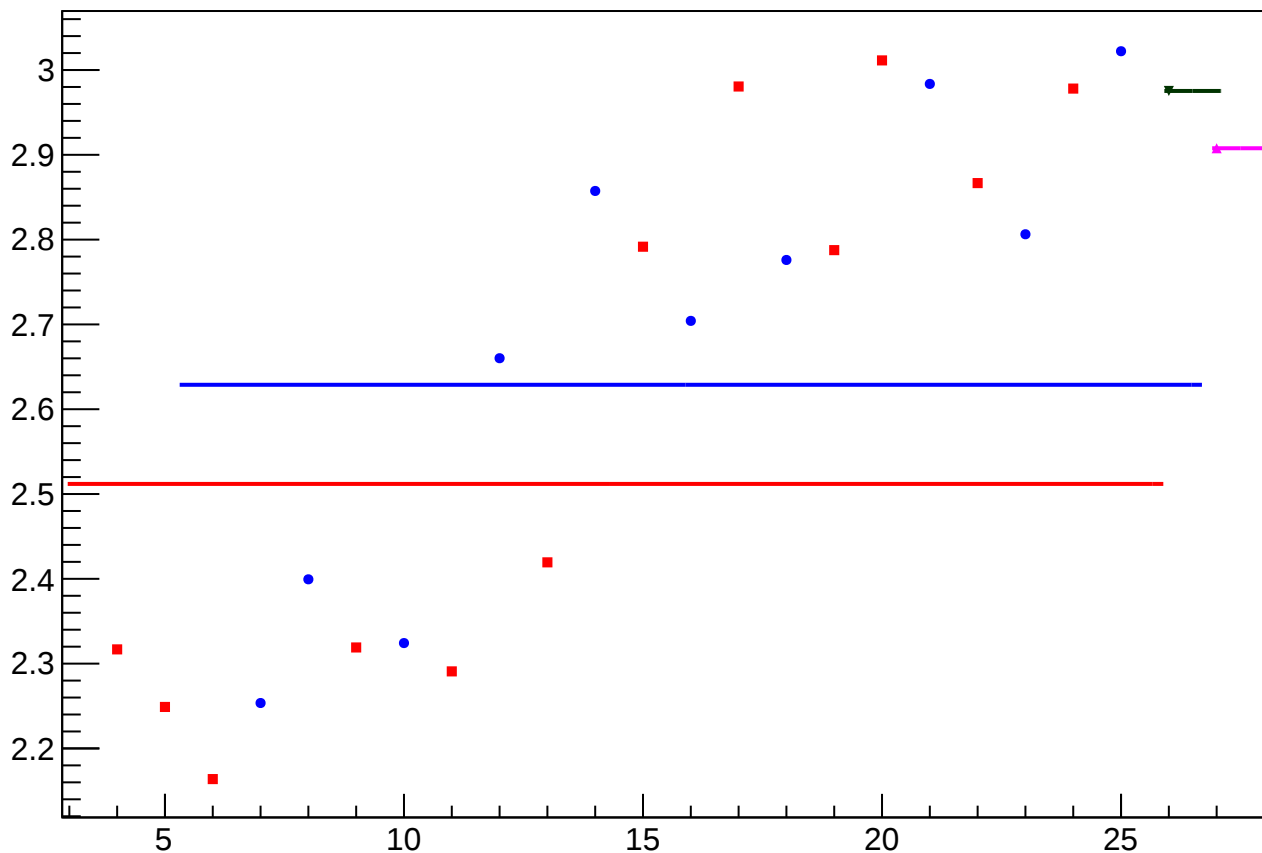
Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

Left In: -1.252 ± 3.140 χ^2/NDF : 0.0/0

-0.870 ± 1.008 χ^2/NDF : 16.4/10

0.455 ± 0.952 χ^2/NDF : 28.5/12

asym_cav4bQ_rms vs slug



Right In: 2.629+/-0.001 χ^2/NDF : 111982.4/9

Left Out: 2.975+/-0.003 χ^2/NDF : 0.0/0

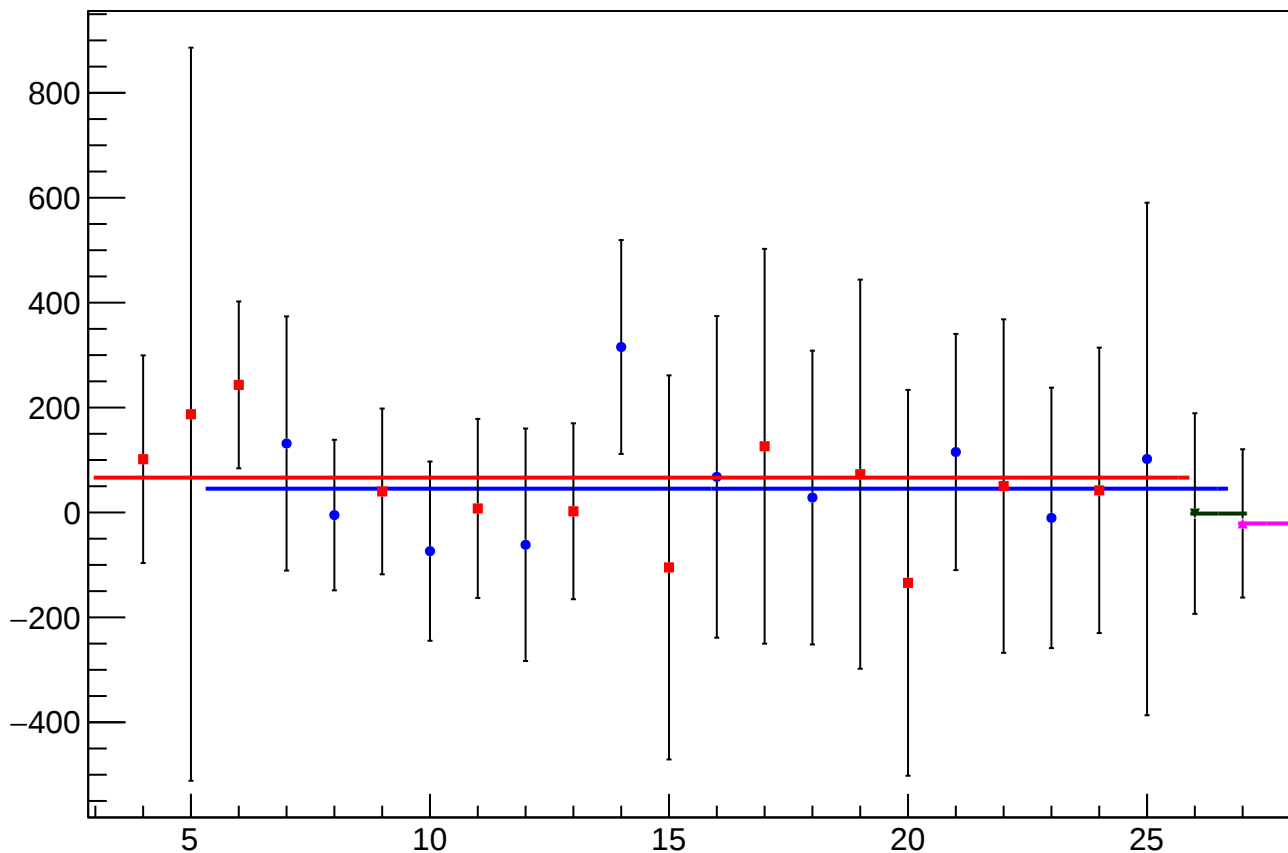
Right Out: 2.512+/-0.001 χ^2/NDF : 173540.5/11

Left In: 2.908+/-0.002 χ^2/NDF : 0.0/0

2.648+/-0.001 χ^2/NDF : 124623.4/10

2.548+/-0.001 χ^2/NDF : 202405.1/12

asym_cav4cQ_mean vs slug



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

Left Out: -2.070+/-191.242 χ^2/NDF : 0.0/0

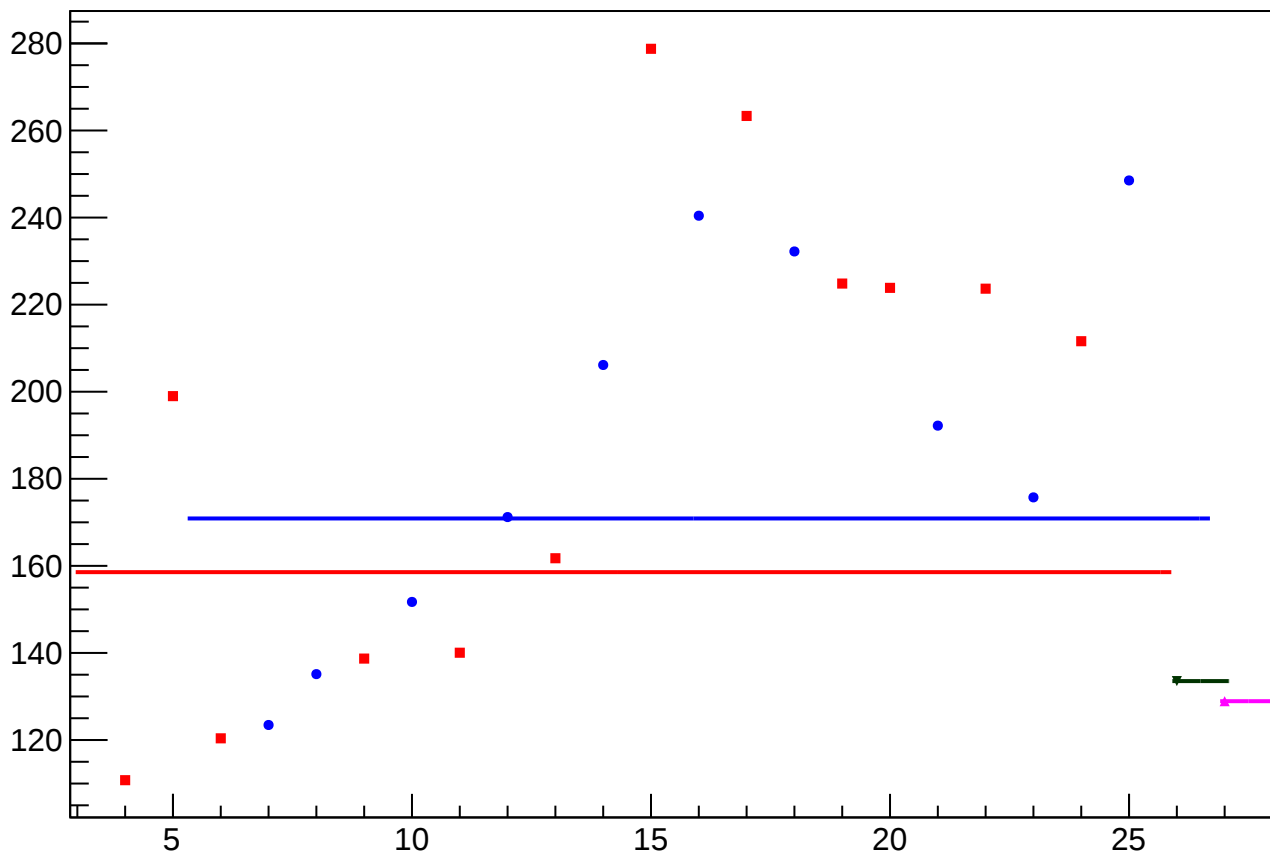
Right Out: 66.444+/-65.999 χ^2/NDF : 2.1/11

Left In: -20.868+/-141.390 χ^2/NDF : 0.0/0

39.836+/-65.216 χ^2/NDF : 2.9/10

50.823+/-59.804 χ^2/NDF : 2.5/12

asym_cav4cQ_rms vs slug



Right In: 170.886 $\pm$ 0.049 χ^2 /NDF: 553736.6/9

Left Out: 133.533 $\pm$ 0.135 χ^2 /NDF: 0.0/0

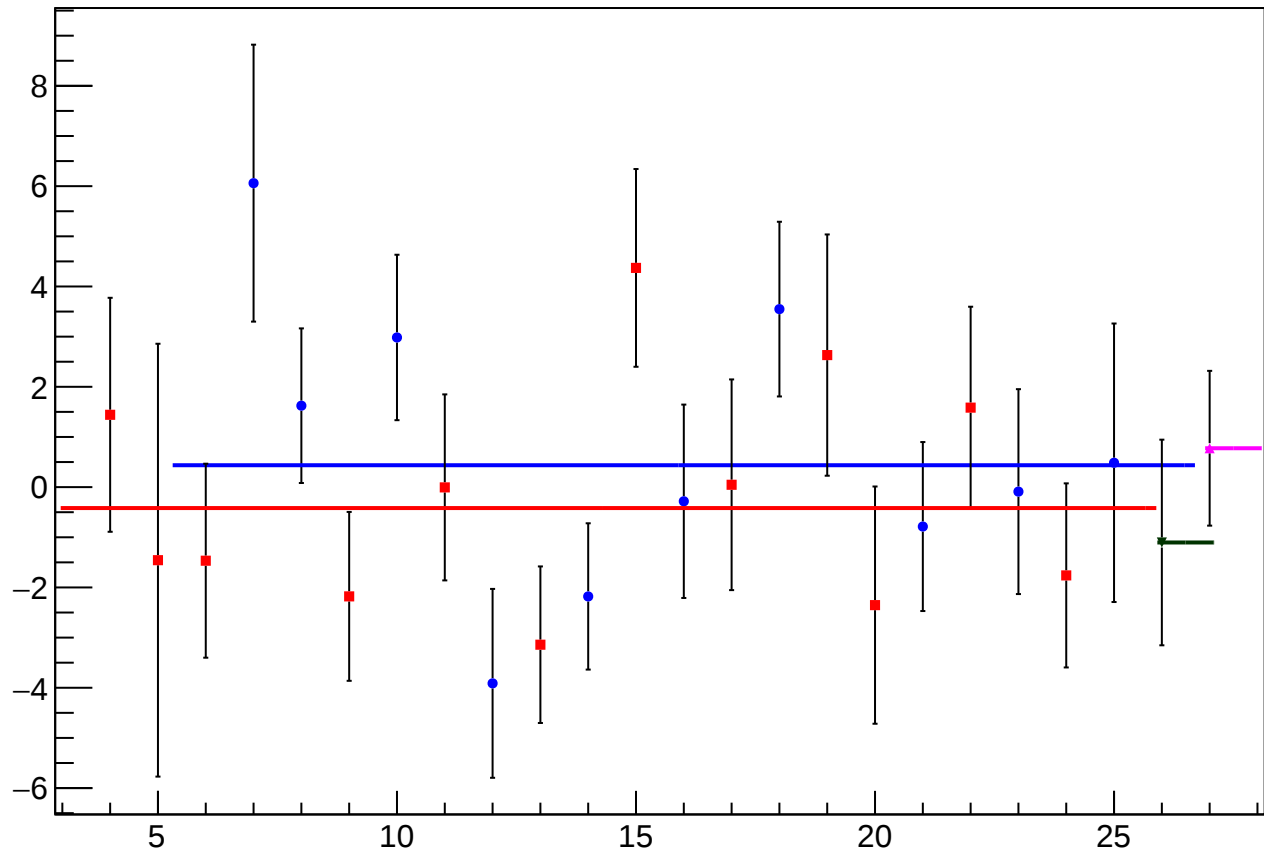
Right Out: 158.557 $\pm$ 0.047 χ^2 /NDF: 951673.3/11

Left In: 128.916 $\pm$ 0.100 χ^2 /NDF: 0.0/0

166.542 $\pm$ 0.046 χ^2 /NDF: 621163.2/10

153.254 $\pm$ 0.042 χ^2 /NDF: 1023844.0/12

asym_cav4dQ_mean vs slug



Right In: 0.437+/-0.578 χ^2/NDF : 19.6/9

Left Out: -1.104+/-2.050 χ^2/NDF : 0.0/0

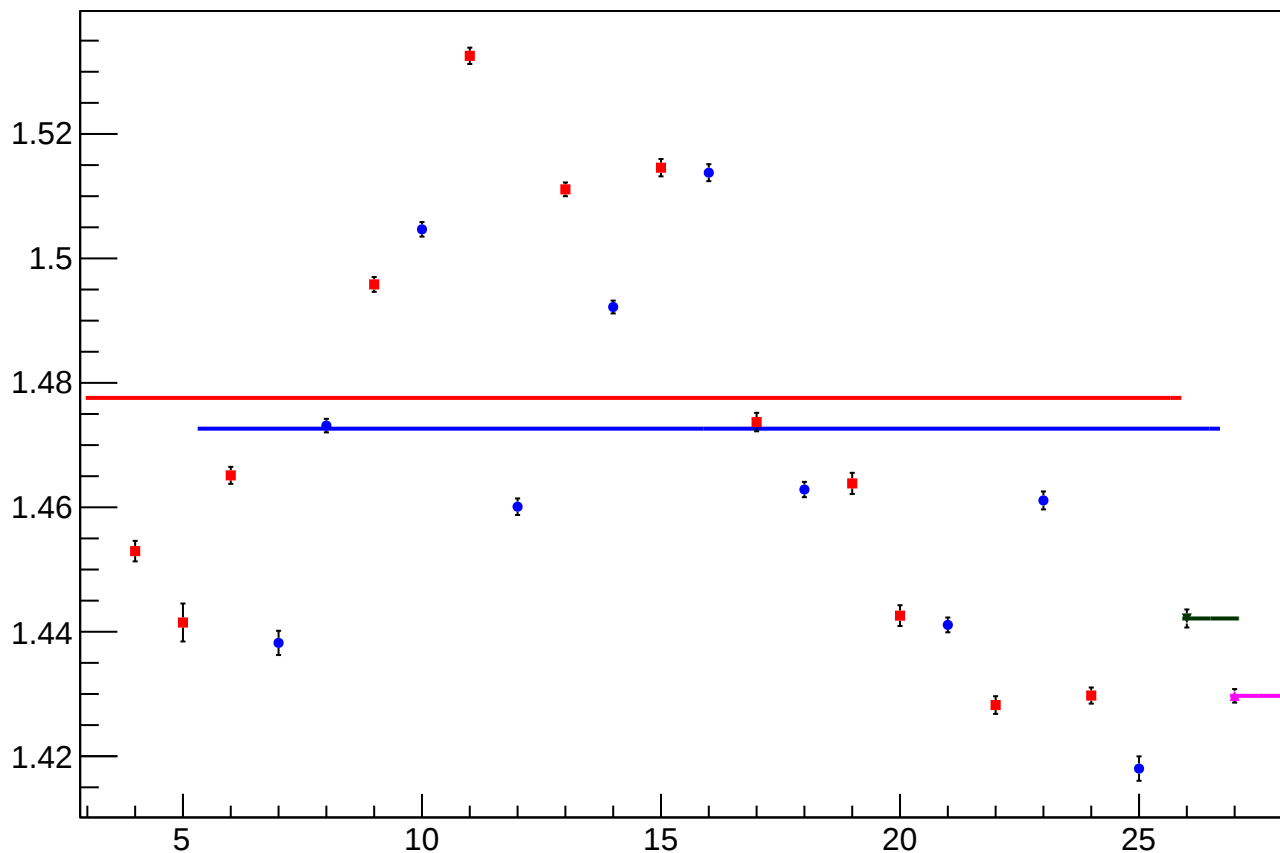
Right Out: -0.417+/-0.583 χ^2/NDF : 14.9/11

Left In: 0.775+/-1.543 χ^2/NDF : 0.0/0

0.323+/-0.556 χ^2/NDF : 20.1/10

-0.268+/-0.546 χ^2/NDF : 15.5/12

asym_cav4dQ_rms vs slug



Right In: 1.473+/-0.000 χ^2/NDF : 4027.5/9

Left Out: 1.442+/-0.001 χ^2/NDF : 0.0/0

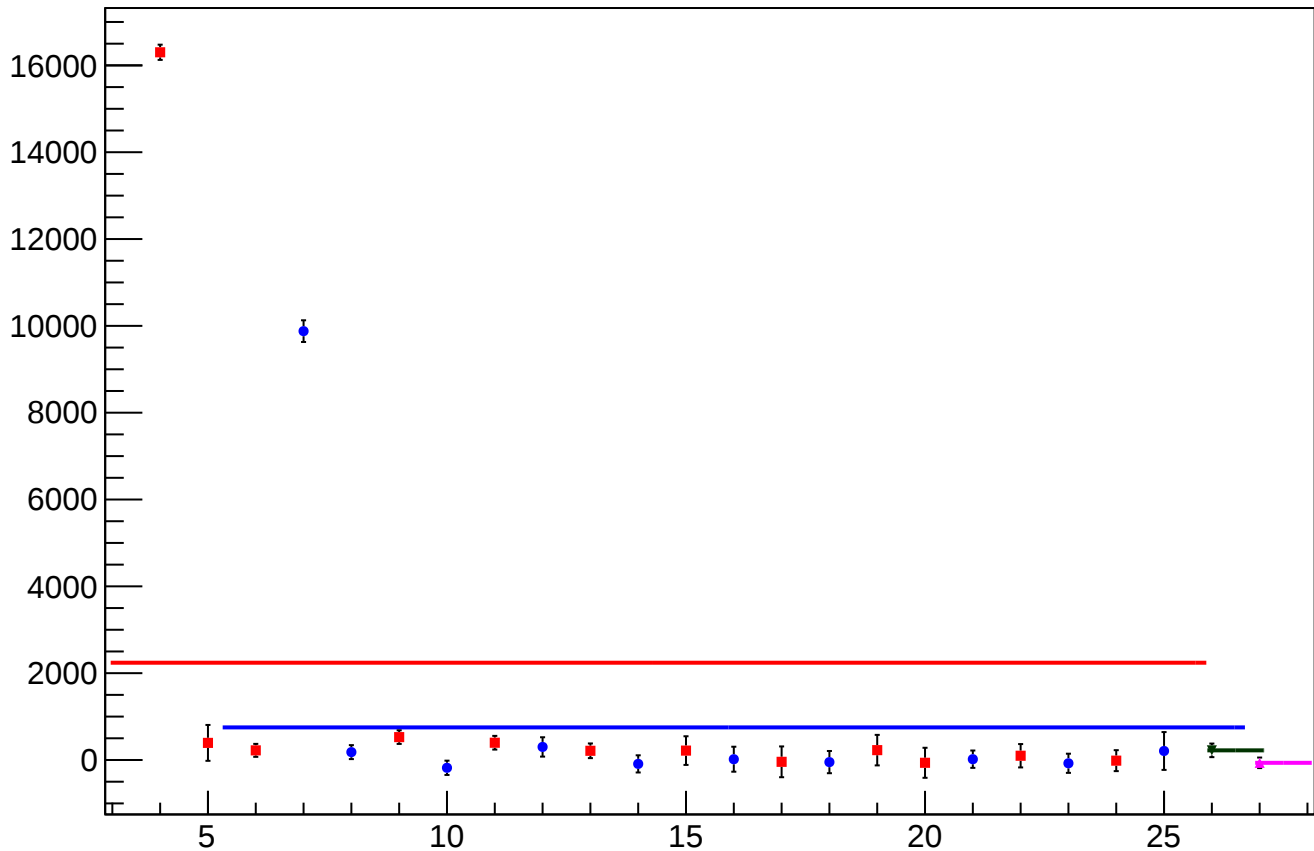
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 1.430+/-0.001 χ^2/NDF : 0.0/0

1.470+/-0.000 χ^2/NDF : 4437.8/10

1.472+/-0.000 χ^2/NDF : 8824.4/12

asym_bcm0l02_mean vs slug



Right In: 750.803+/-68.130 χ^2/NDF : 1445.6/9

Left Out: 222.128+/-156.328 χ^2/NDF : 0.0/0

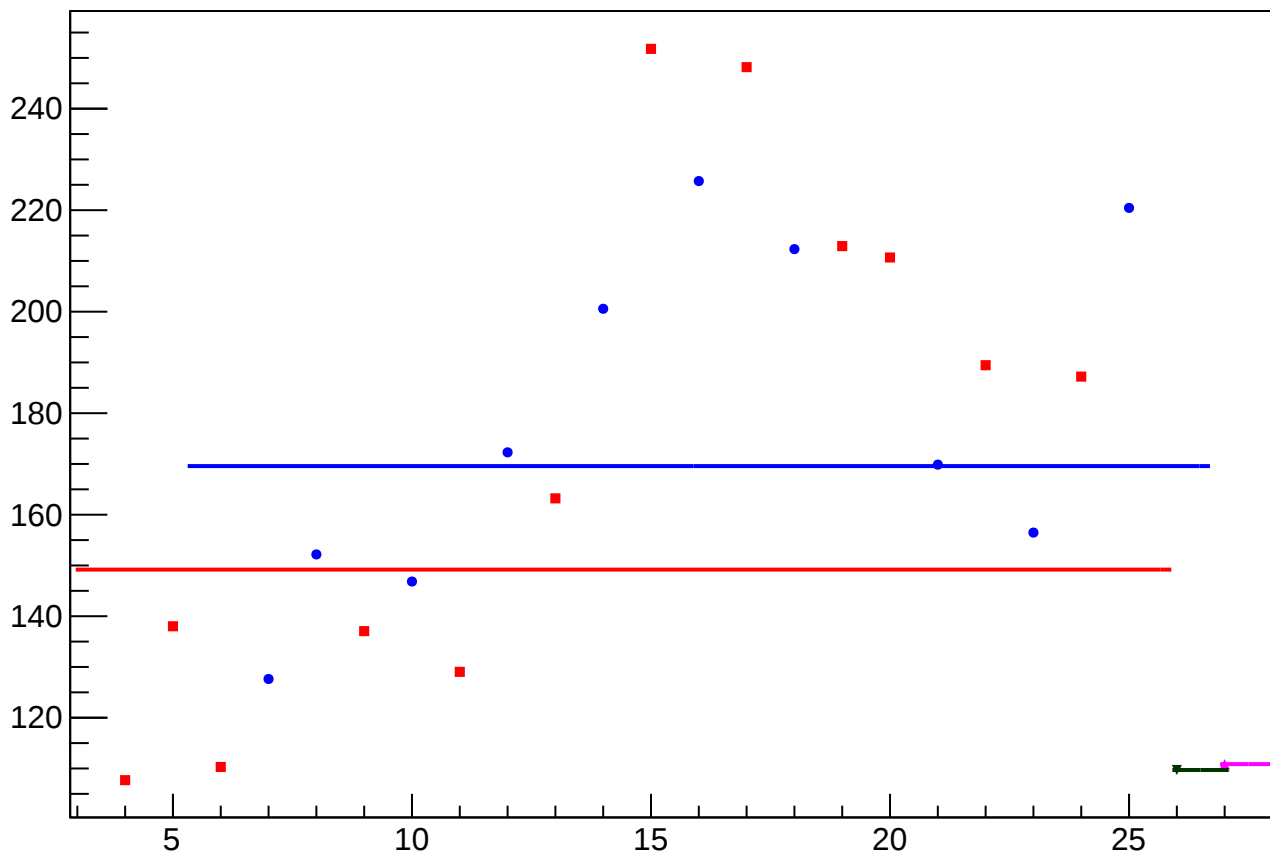
666.419+/-62.456 χ^2/NDF : 1455.2/10

Right Out: 2240.760+/-61.598 χ^2/NDF : 7330.5/11

1767.897+/-54.920 χ^2/NDF : 7617.8/12

Left In: -65.019+/-121.275 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs slug



Right In: 169.579 ± 0.048 χ^2/NDF : 333569.7/9

Left Out: 109.698 ± 0.111 χ^2/NDF : 0.0/0

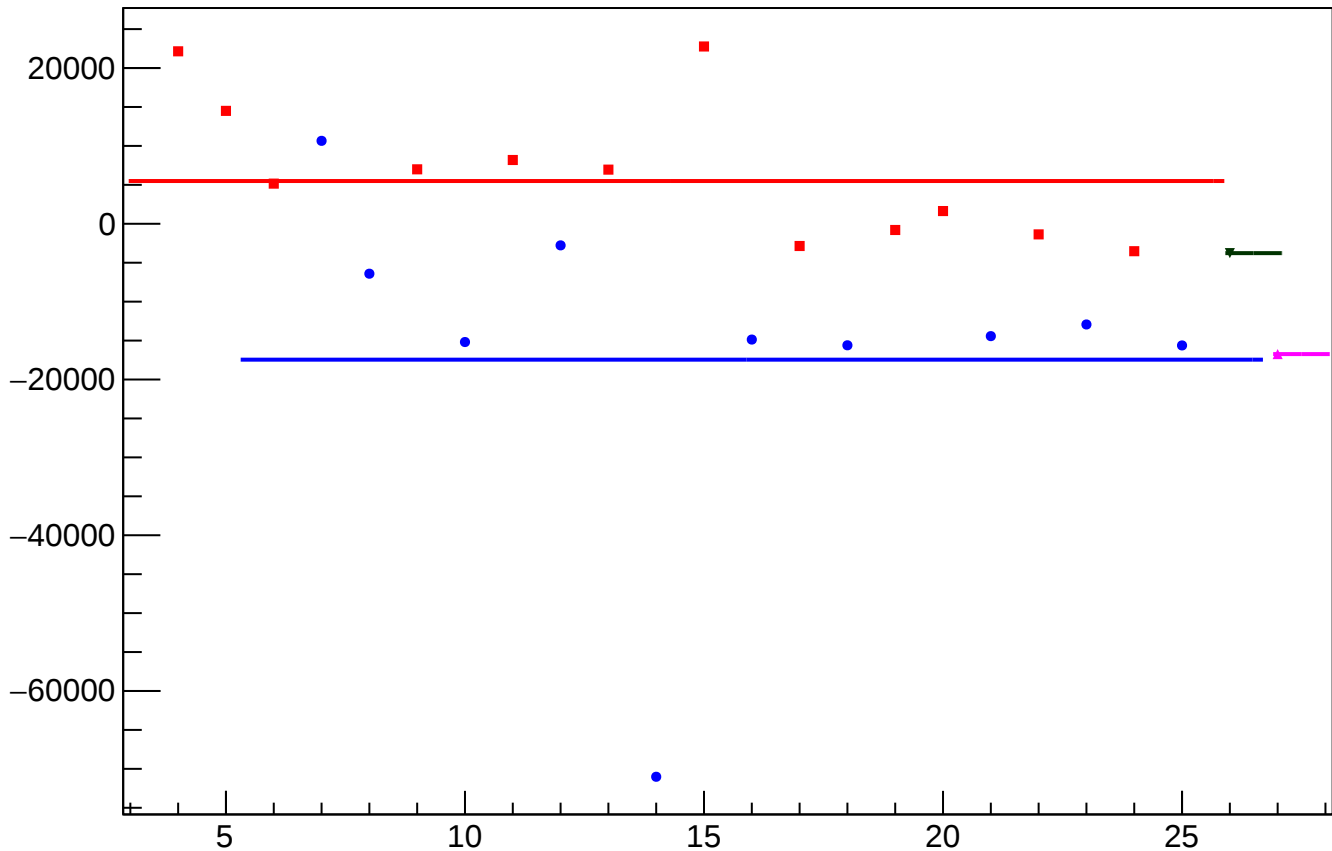
Right Out: 149.184 ± 0.044 χ^2/NDF : 879836.6/11

Left In: 110.861 ± 0.086 χ^2/NDF : 0.0/0

160.021 ± 0.044 χ^2/NDF : 580175.2/10

141.324 ± 0.039 χ^2/NDF : 1038591.5/12

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: -3769.821+/-154.291 χ^2/NDF : 0.0/0

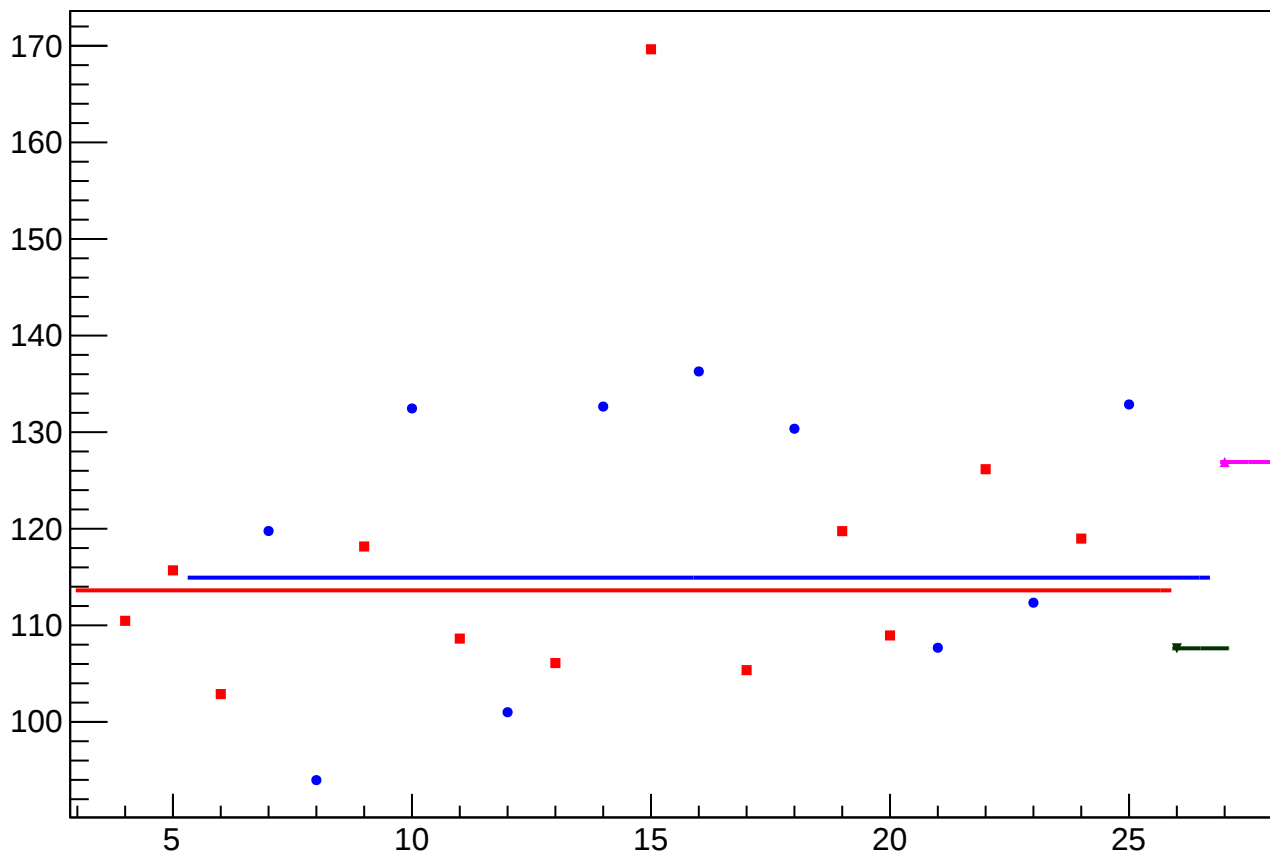
-16299.848+/-44.753 χ^2/NDF : 210532.0/10

Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

3394.648+/-44.132 χ^2/NDF : 46318.4/12

Left In: -16734.802+/-143.709 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs slug



Right In: 114.939 $\pm$ 0.033 χ^2 /NDF: 233540.9/9

Left Out: 107.620 $\pm$ 0.109 χ^2 /NDF: 0.0/0

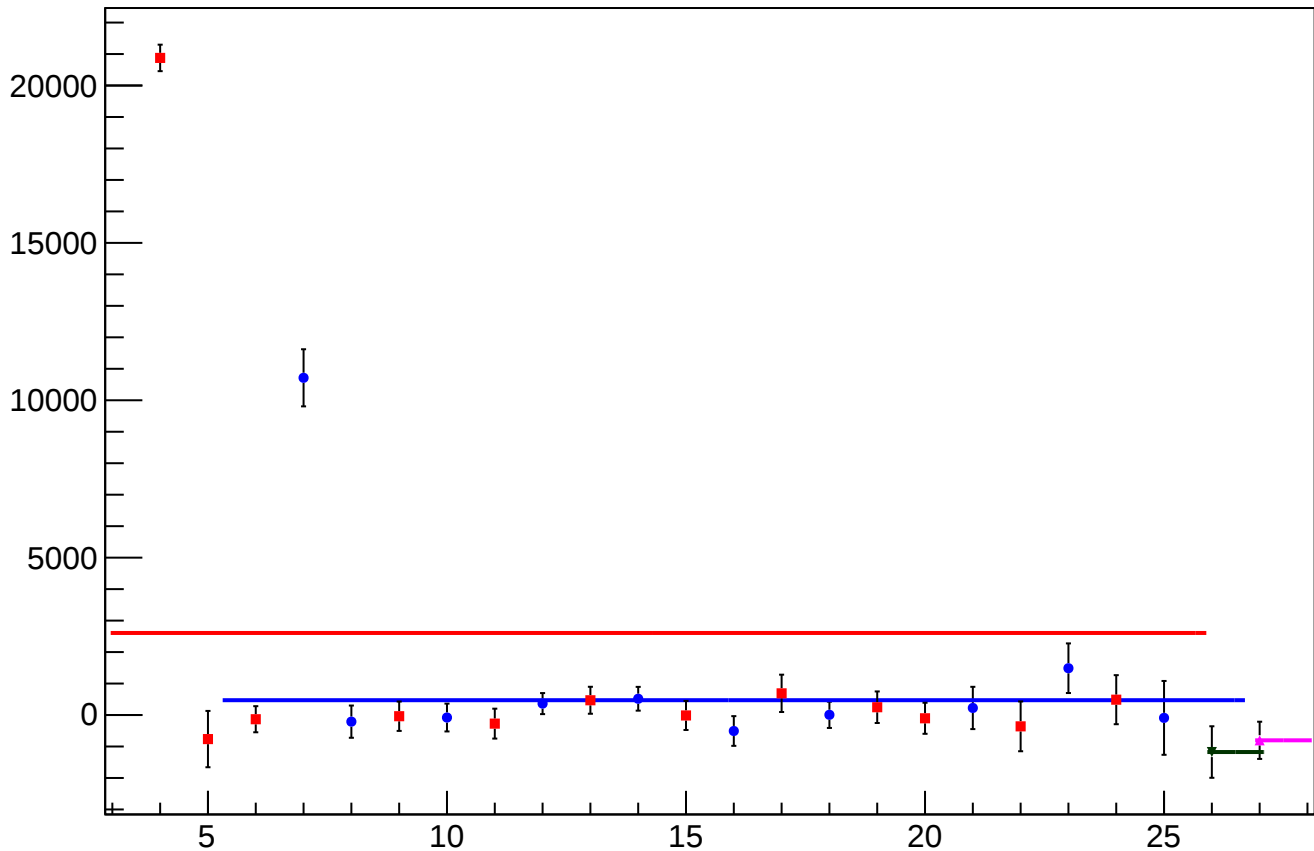
Right Out: 113.621 $\pm$ 0.033 χ^2 /NDF: 162658.1/11

Left In: 126.911 $\pm$ 0.102 χ^2 /NDF: 0.0/0

114.323 $\pm$ 0.032 χ^2 /NDF: 237662.6/10

114.874 $\pm$ 0.031 χ^2 /NDF: 178150.0/12

asym_bpm0i07WS_mean vs slug



Right In: 470.960 ± 156.387 χ^2/NDF : 138.4/9

Left Out: -1175.733 ± 818.641 χ^2/NDF : 0.0/0

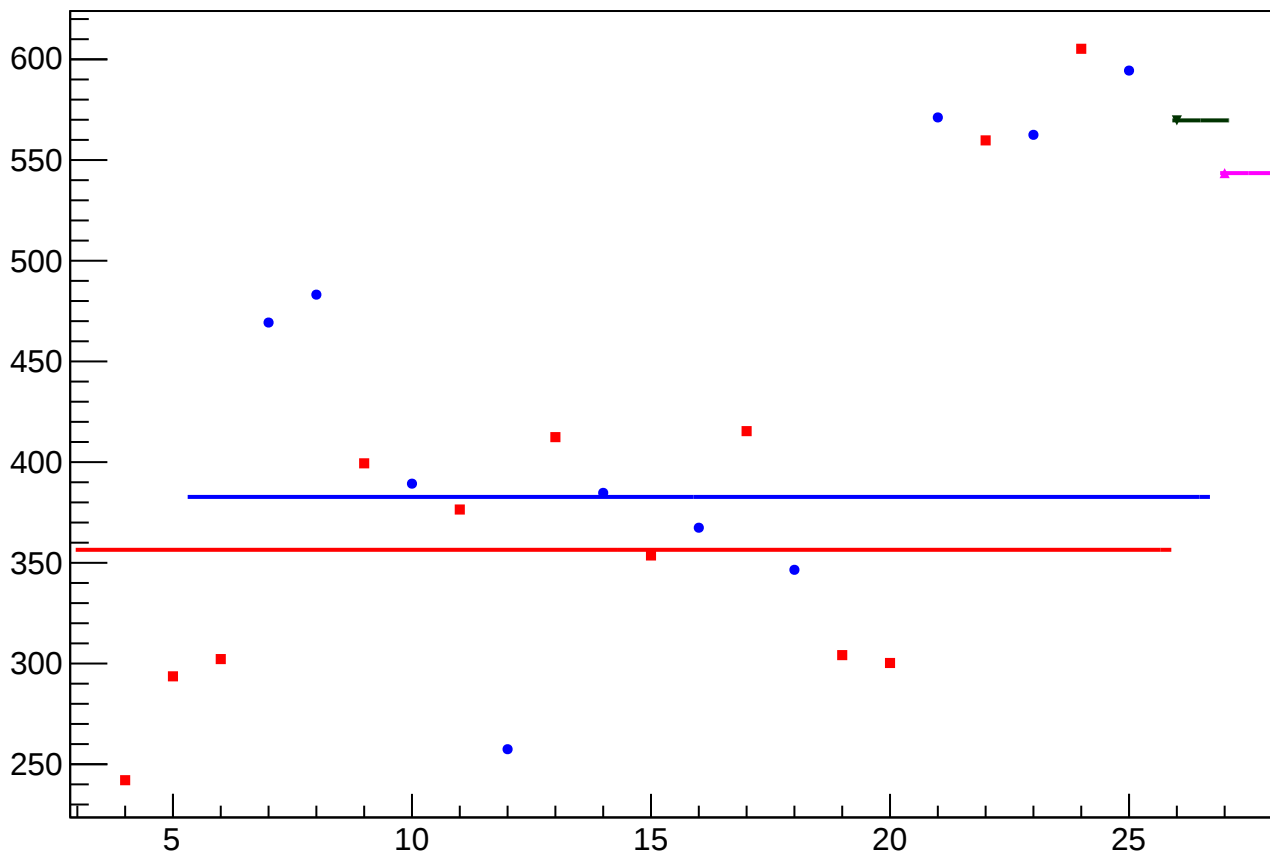
Right Out: 2606.972 ± 147.343 χ^2/NDF : 2154.3/11

Left In: -803.609 ± 591.097 χ^2/NDF : 0.0/0

412.982 ± 153.609 χ^2/NDF : 142.3/10

2407.451 ± 142.968 χ^2/NDF : 2185.6/12

asym_bpm0i07WS_rms vs slug



Right In: 382.730 ± 0.111 χ^2/NDF : 720132.6/9

Left Out: 569.691 ± 0.579 χ^2/NDF : 0.0/0

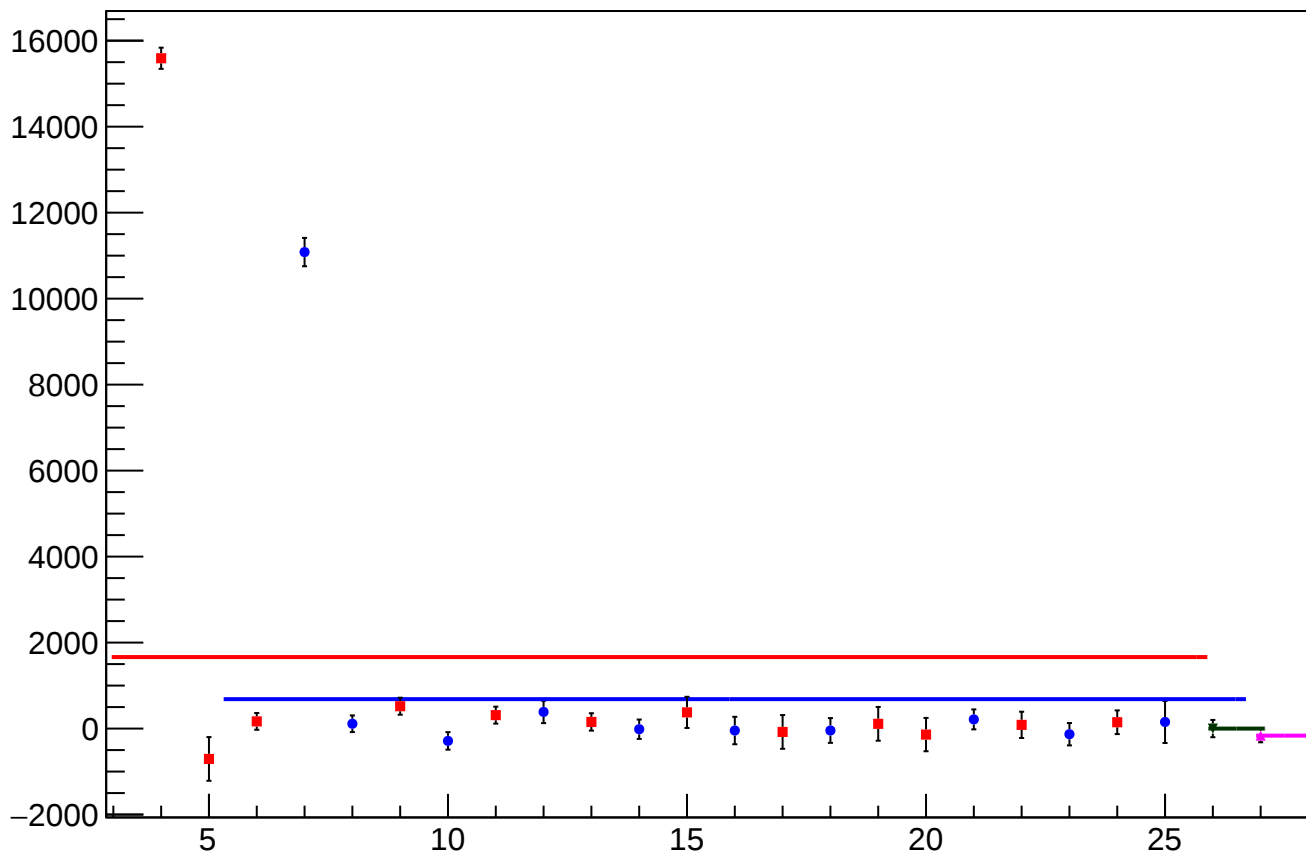
Right Out: 356.465 ± 0.104 χ^2/NDF : 650032.0/11

Left In: 543.510 ± 0.418 χ^2/NDF : 0.0/0

389.312 ± 0.109 χ^2/NDF : 820774.3/10

367.407 ± 0.101 χ^2/NDF : 838582.1/12

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 χ^2/NDF : 1063.9/9

Left Out: -0.104 ± 201.204 χ^2/NDF : 0.0/0

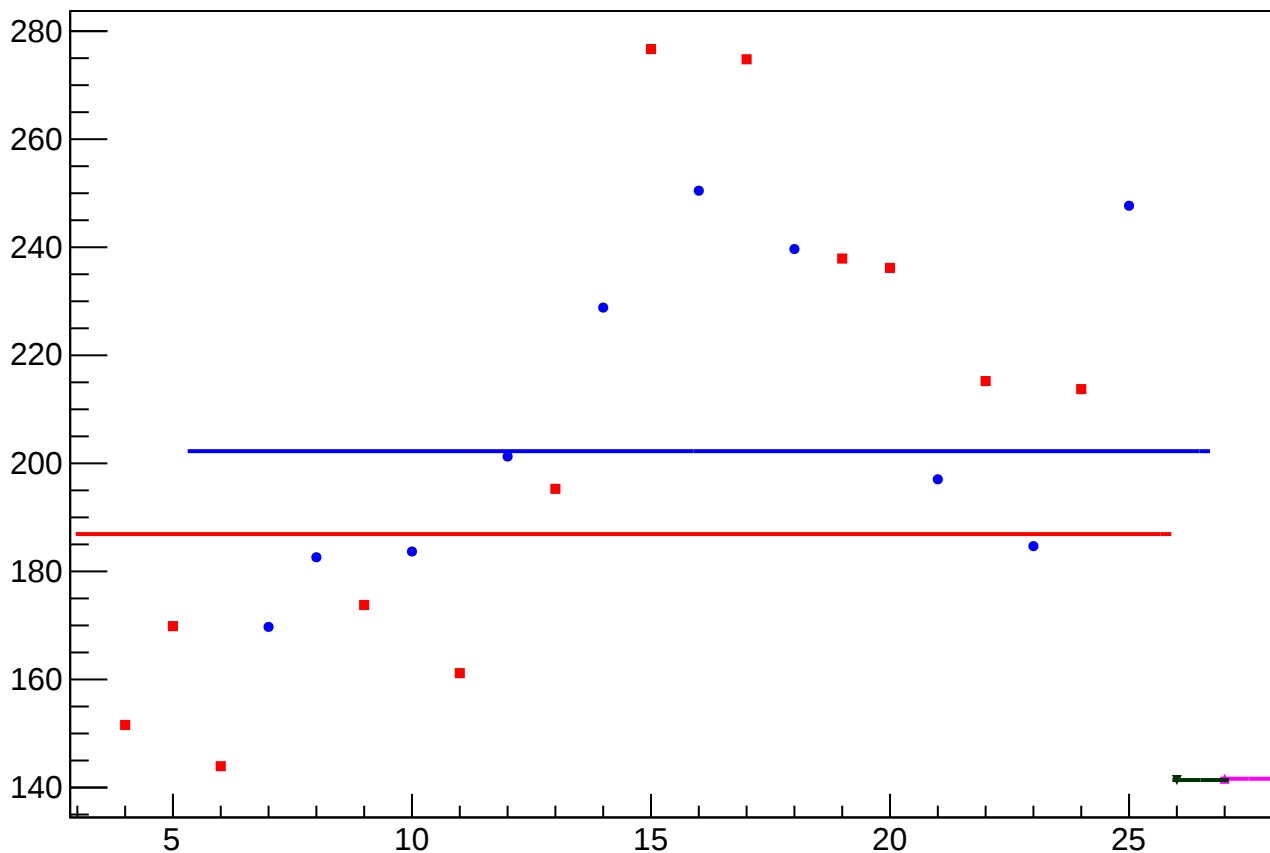
Right Out: 1663.245 ± 75.915 χ^2/NDF : 3538.6/11

Left In: -164.478 ± 154.688 χ^2/NDF : 0.0/0

589.805 ± 74.864 χ^2/NDF : 1073.9/10

1308.487 ± 68.151 χ^2/NDF : 3651.1/12

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 141.388+/-0.142 χ^2/NDF : 0.0/0

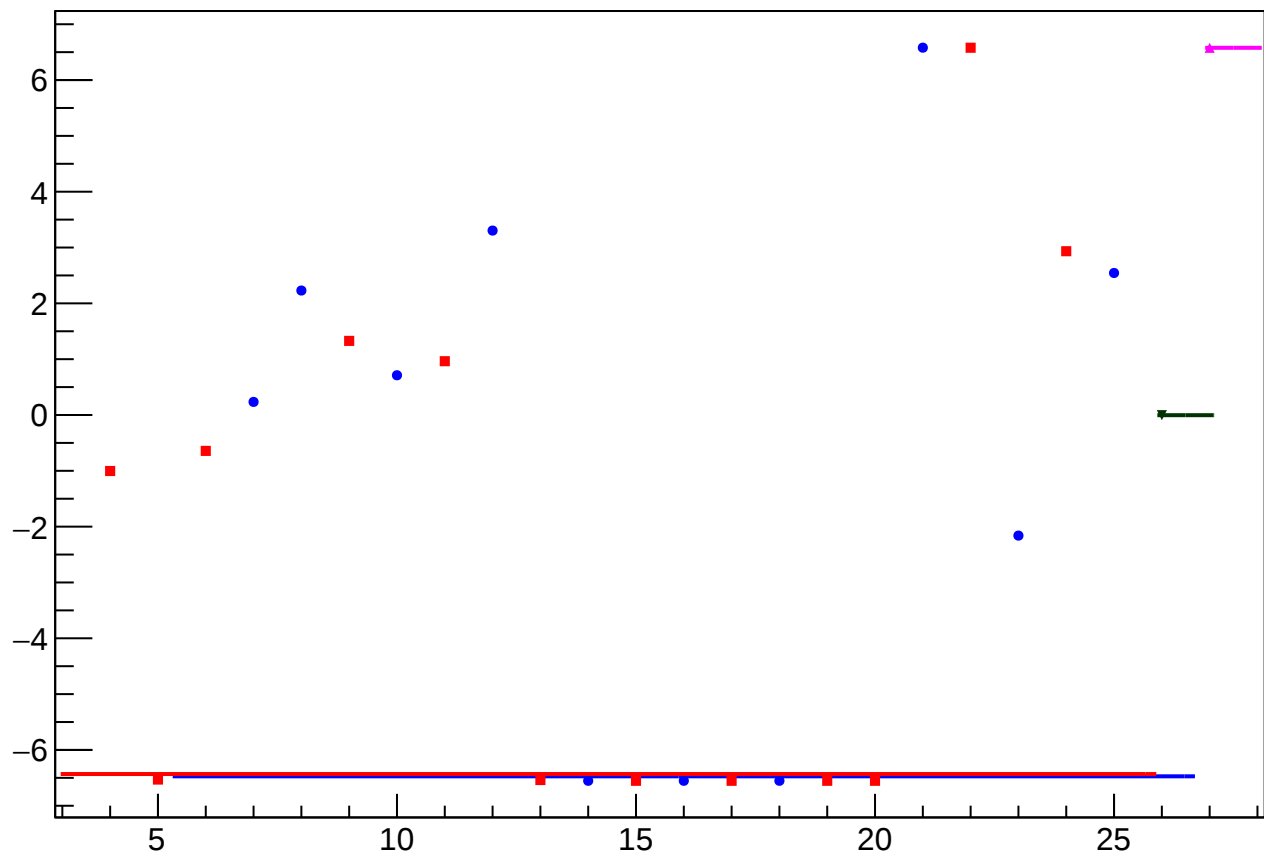
Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

Left In: 141.625+/-0.109 χ^2/NDF : 0.0/0

193.831+/-0.053 χ^2/NDF : 348902.4/10

178.123+/-0.048 χ^2/NDF : 650453.9/12

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -0.003+/-0.006 χ^2/NDF : 0.0/0

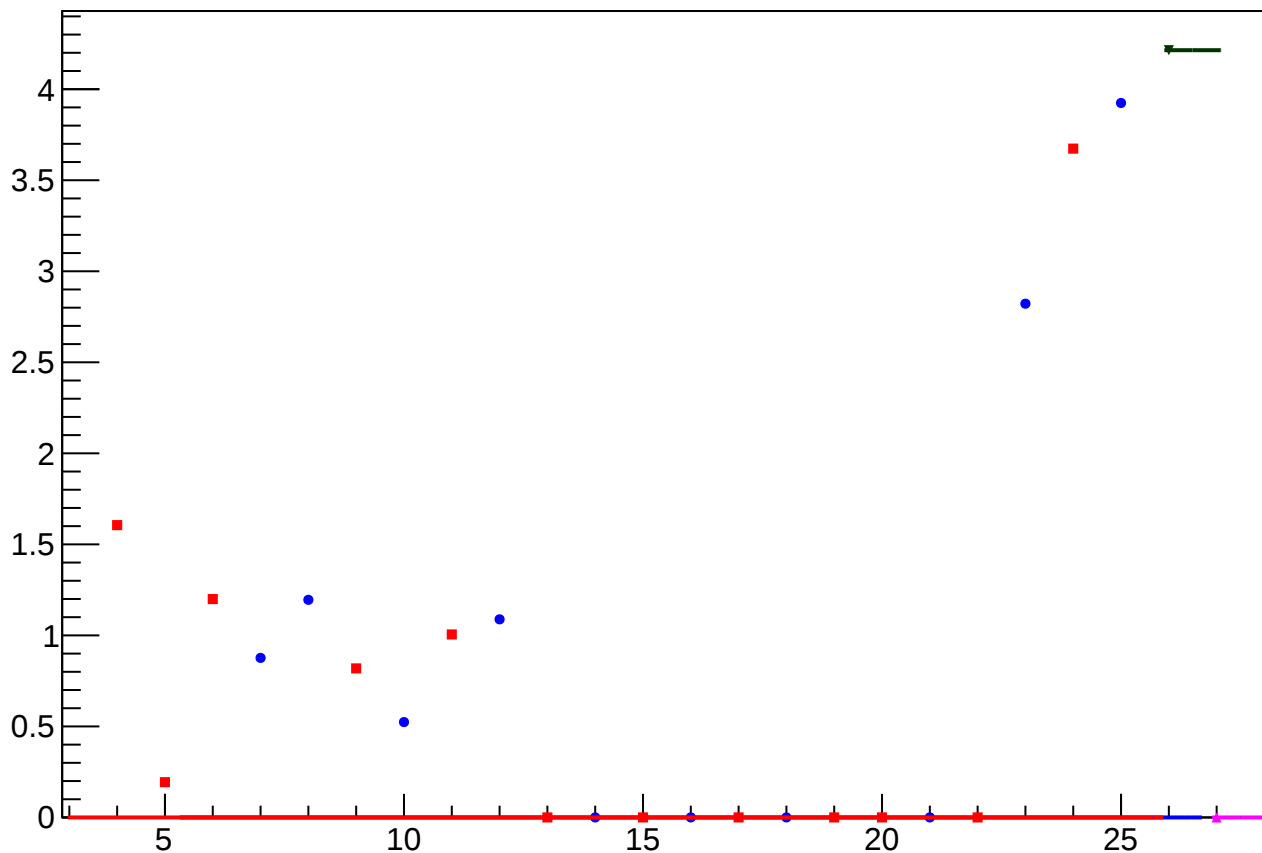
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 0.0/0

-6.473+/-0.000 χ^2/NDF : 127847928716084.5/1

-6.373+/-0.000 χ^2/NDF : 223959903456317.3/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 4.214+/-0.004 χ^2/NDF : 0.0/0

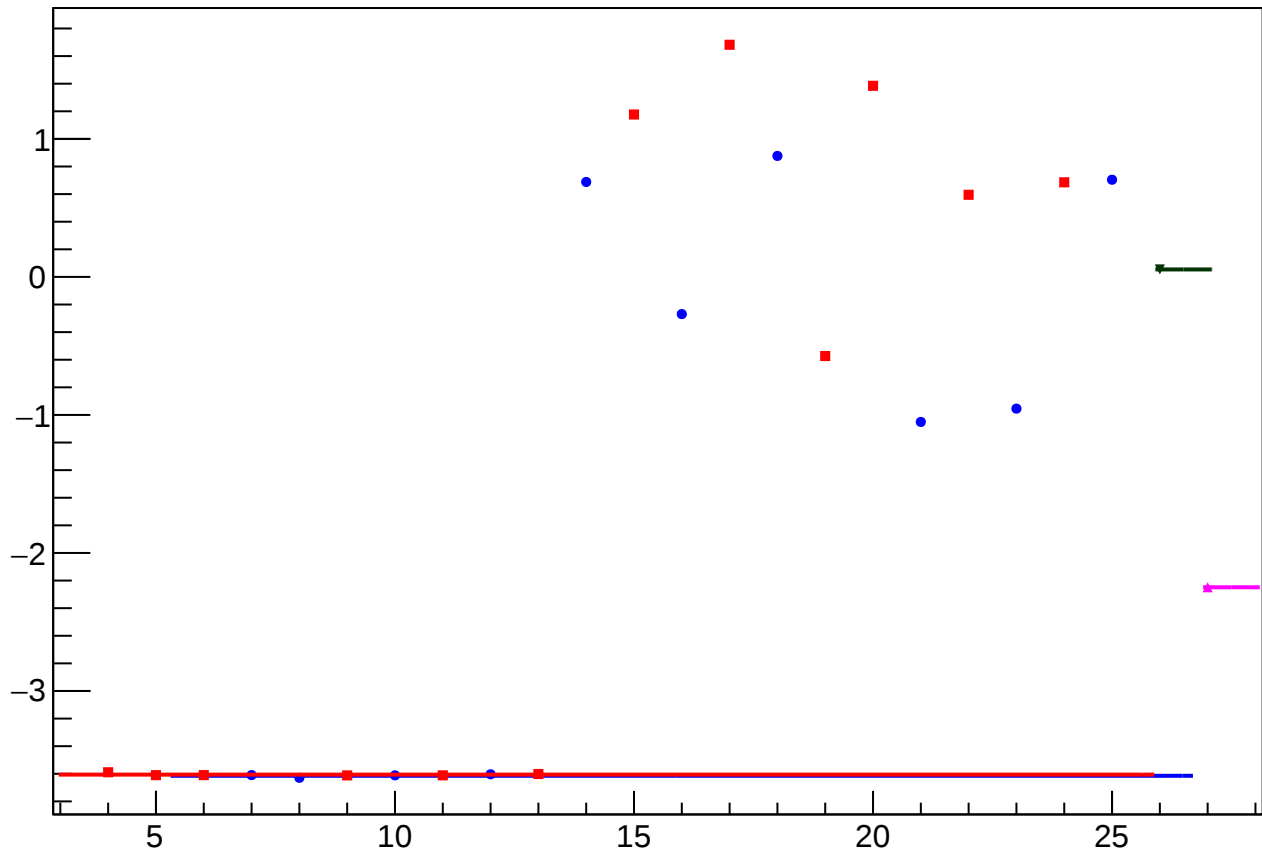
Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5224505.0/10

0.000+/-0.000 χ^2/NDF : 4073010.7/12

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

Left Out: 0.054+/-0.001 χ^2/NDF : 0.0/0

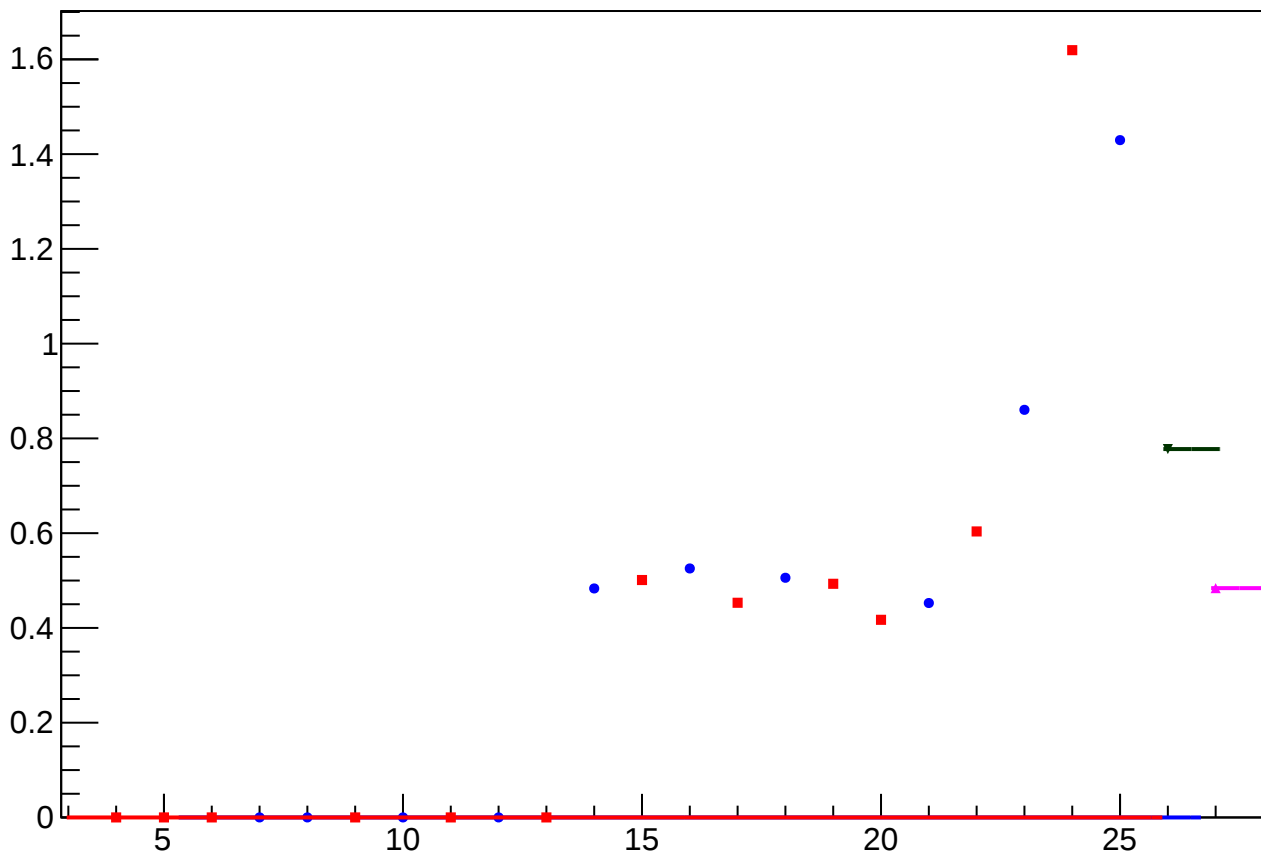
-3.614+/-0.000 χ^2/NDF : 49070509327.3/10

Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

-3.606+/-0.000 χ^2/NDF : 37754364719.8/12

Left In: -2.249+/-0.001 χ^2/NDF : 0.0/0

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.778+/-0.001 χ^2/NDF : 0.0/0

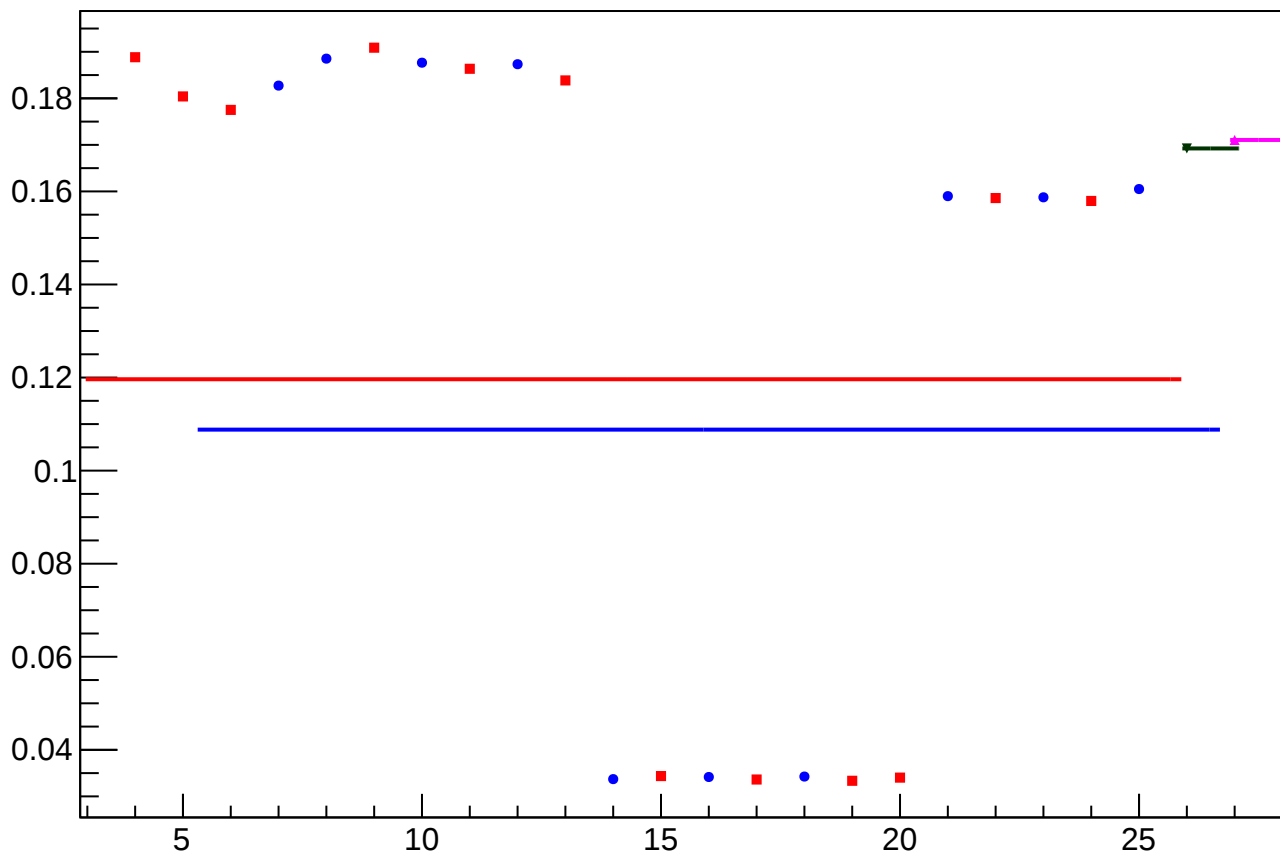
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.484+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6600847.0/10

0.000+/-0.000 χ^2/NDF : 5307425.0/12

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.169+/-0.000 χ^2/NDF : 0.0/0

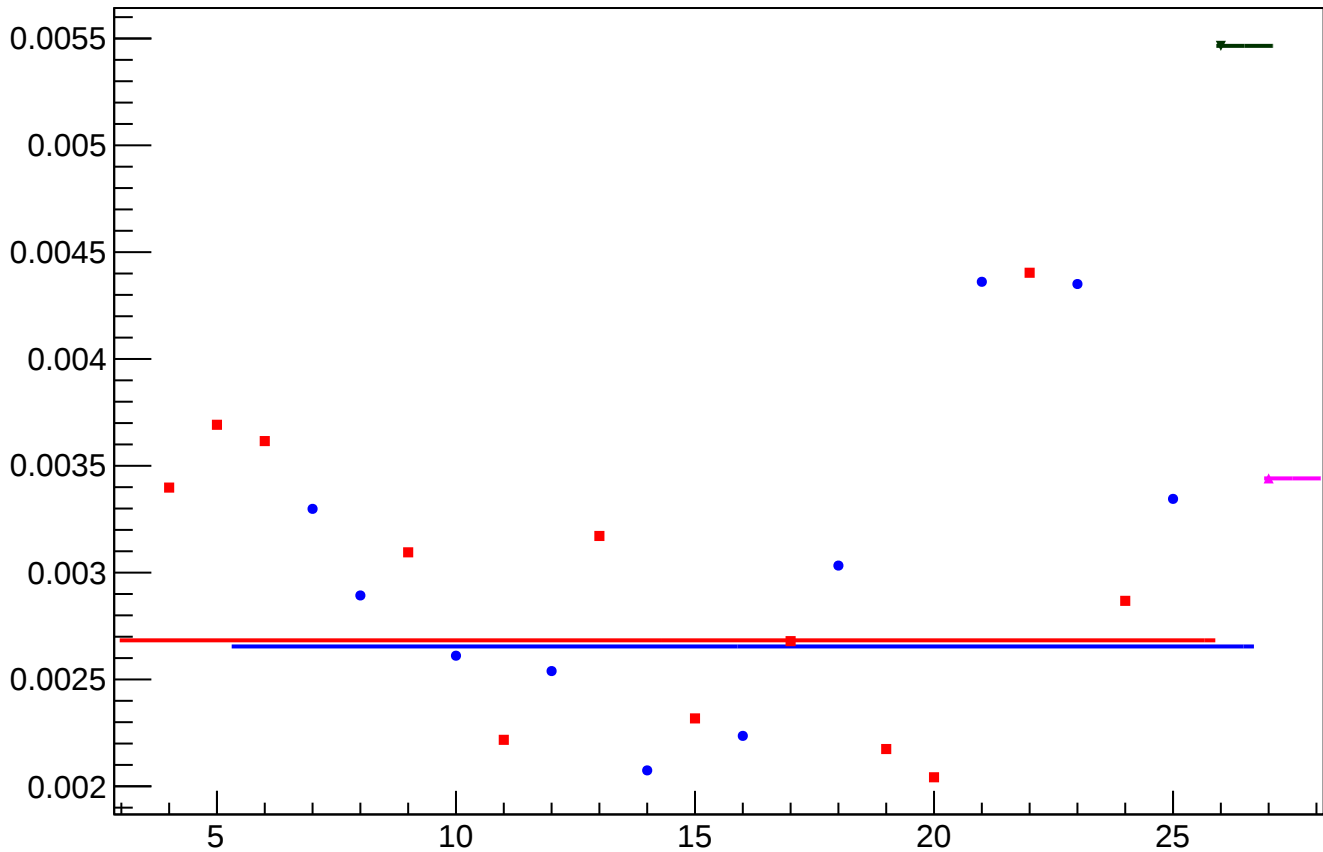
Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

Left In: 0.171+/-0.000 χ^2/NDF : 0.0/0

0.110+/-0.000 χ^2/NDF : 4624519076.1/10

0.124+/-0.000 χ^2/NDF : 4365692840.6/12

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 : 0.0/0

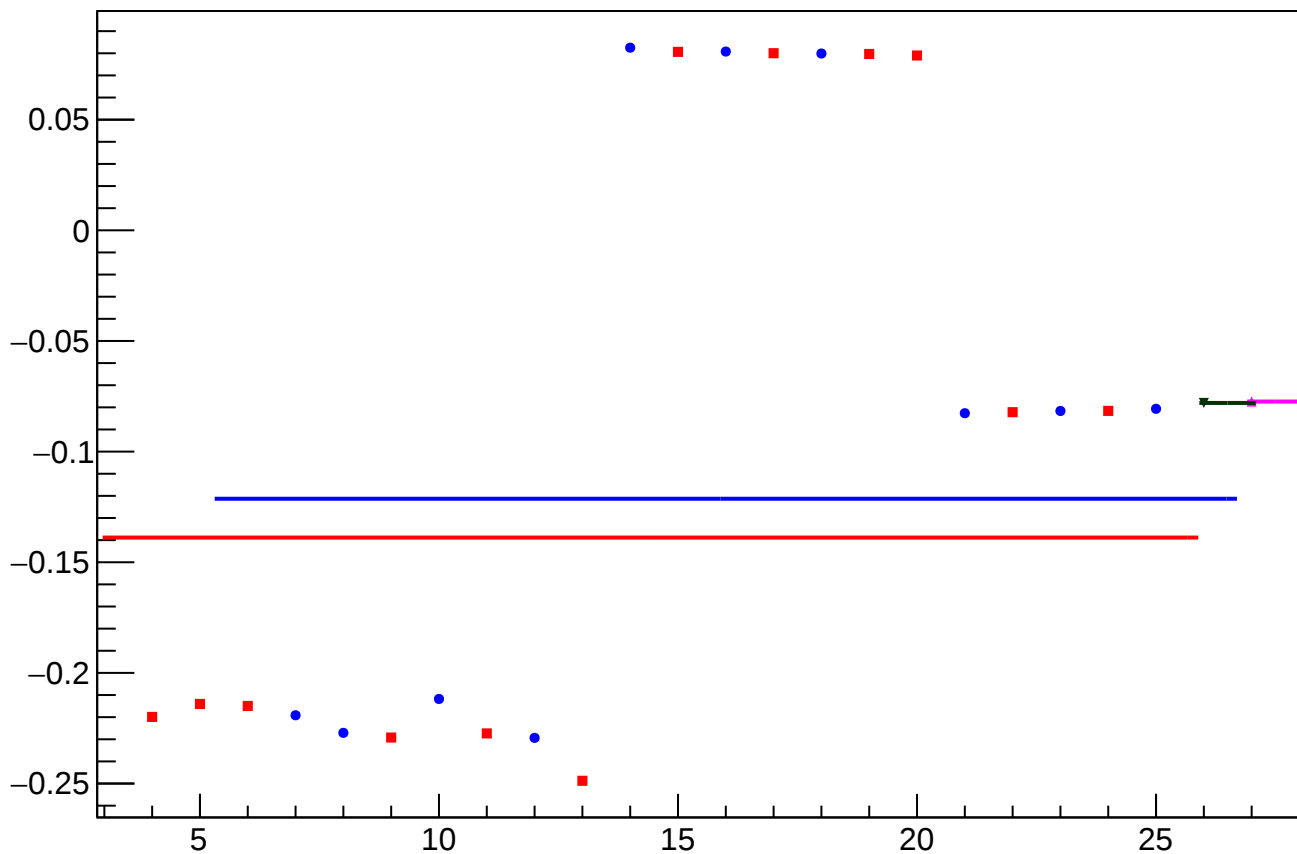
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 886933.3/10

0.003+/-0.000 χ^2/NDF : 596711.0/12

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.078+/-0.000 χ^2/NDF : 0.0/0

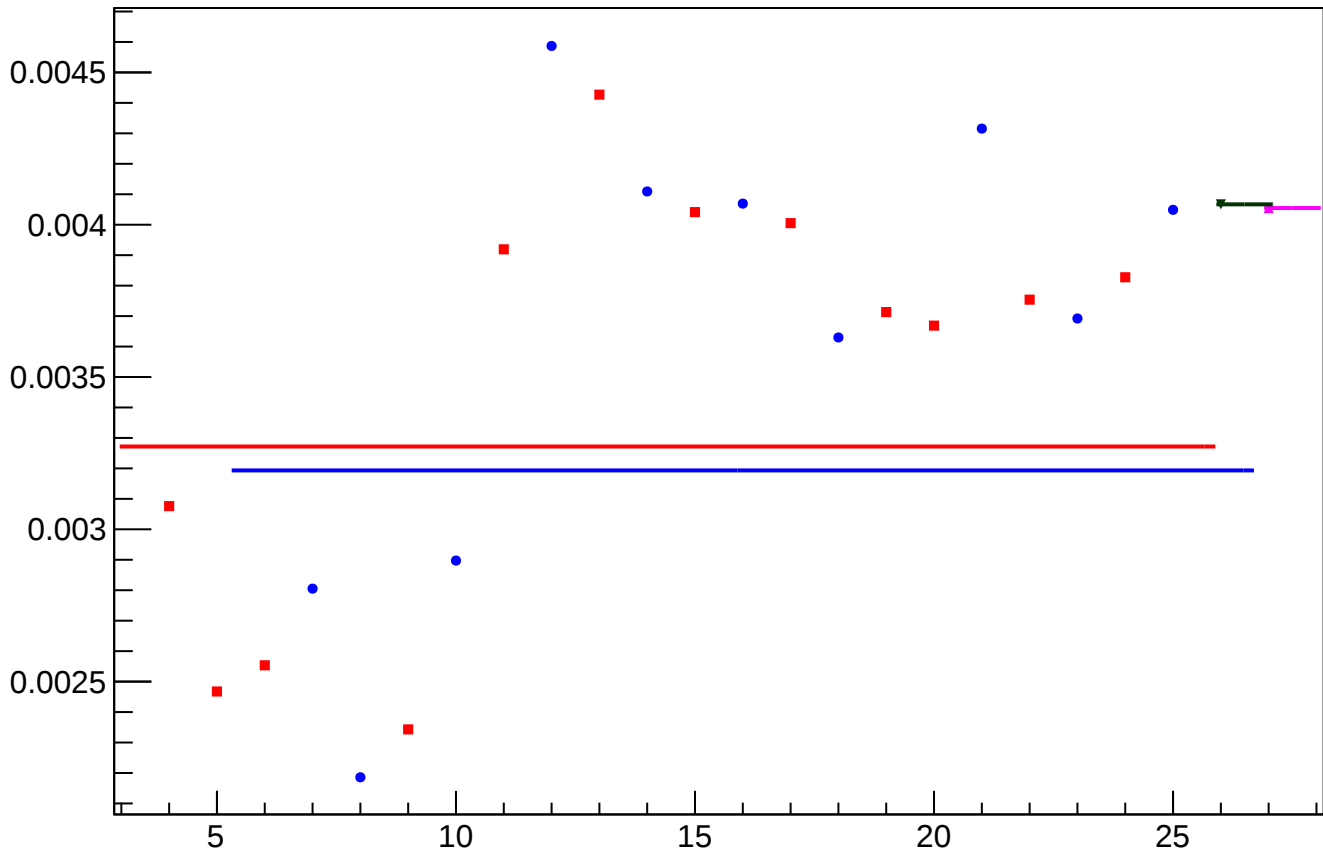
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.077+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 9572345691.8/10

-0.134+/-0.000 χ^2/NDF : 8791780158.7/12

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 : 0.0/0

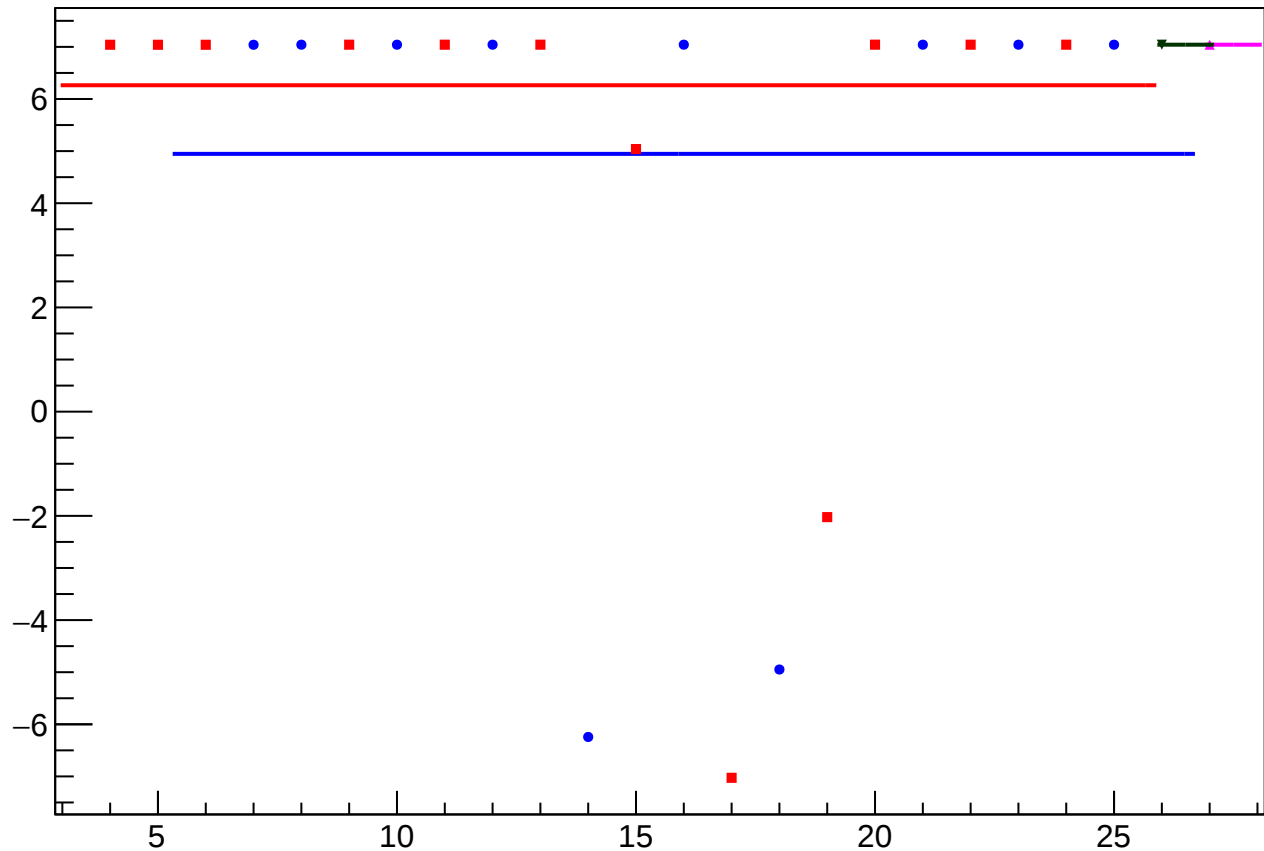
Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 857532.0/10

0.003+/-0.000 χ^2/NDF : 672010.9/12

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 : 0.0/0

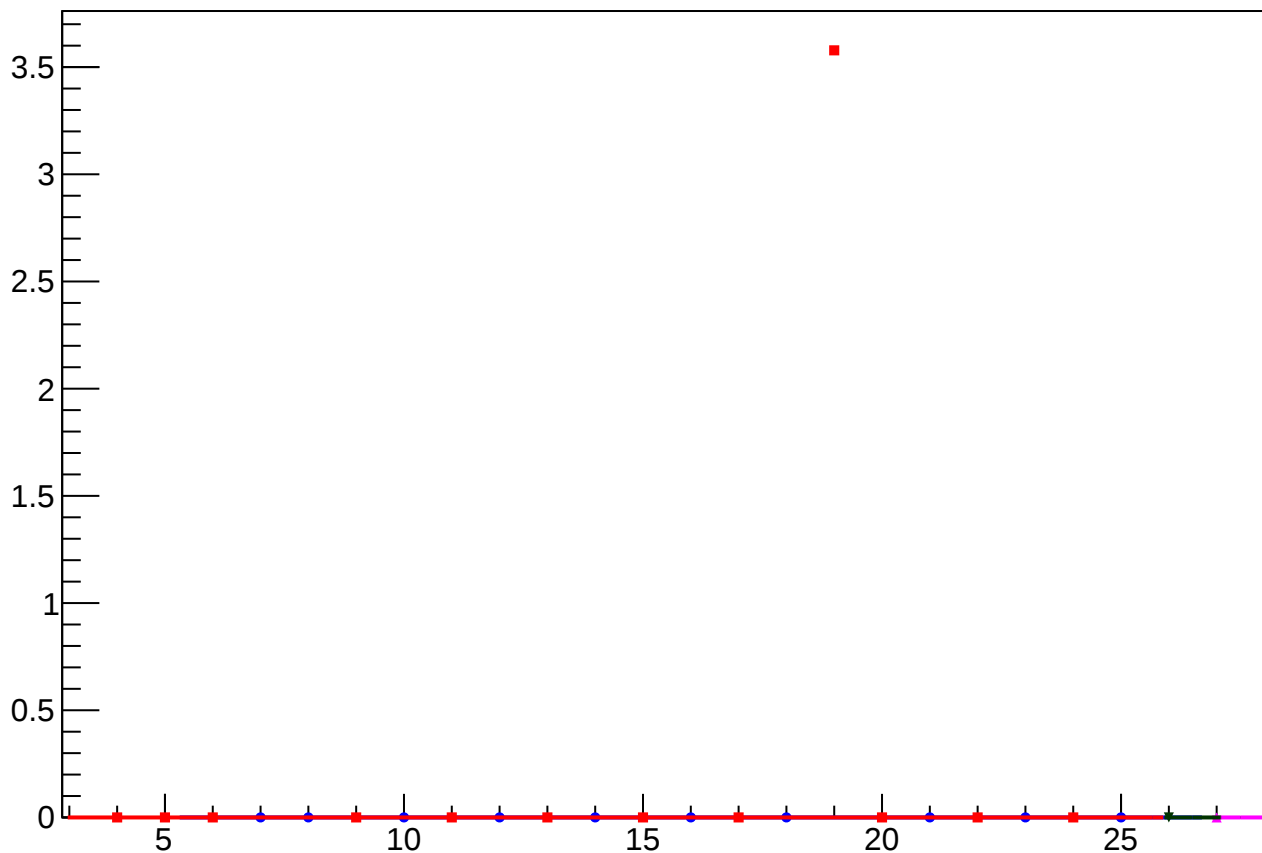
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF : 0.0/0

5.132+/-0.000 χ^2/NDF : 4295763582165025.5/1

6.383+/-0.000 χ^2/NDF : 1828789587952816.0/1

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 2529.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

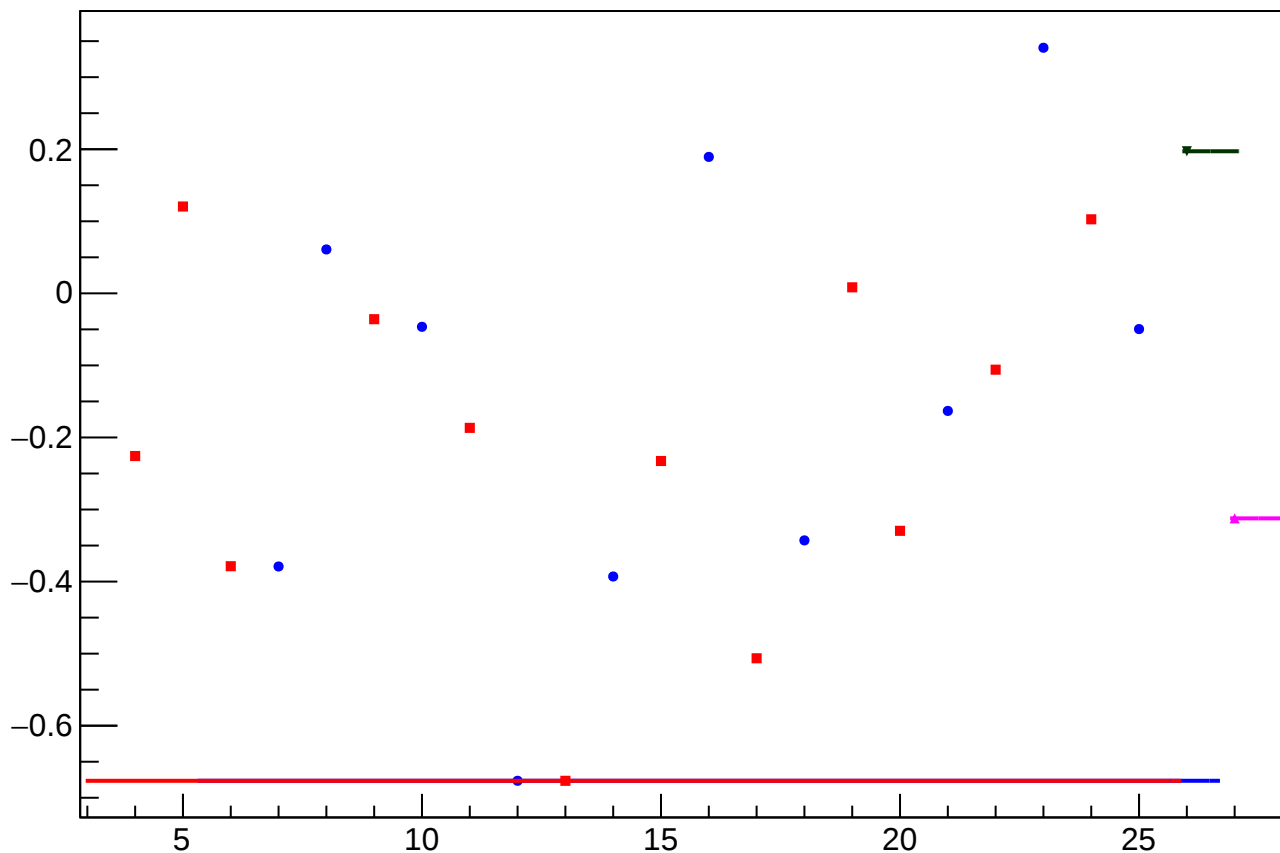
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 2534.6/10

0.000+/-0.000 χ^2/NDF : 697035.0/12

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.197+/-0.000 χ^2/NDF : 0.0/0

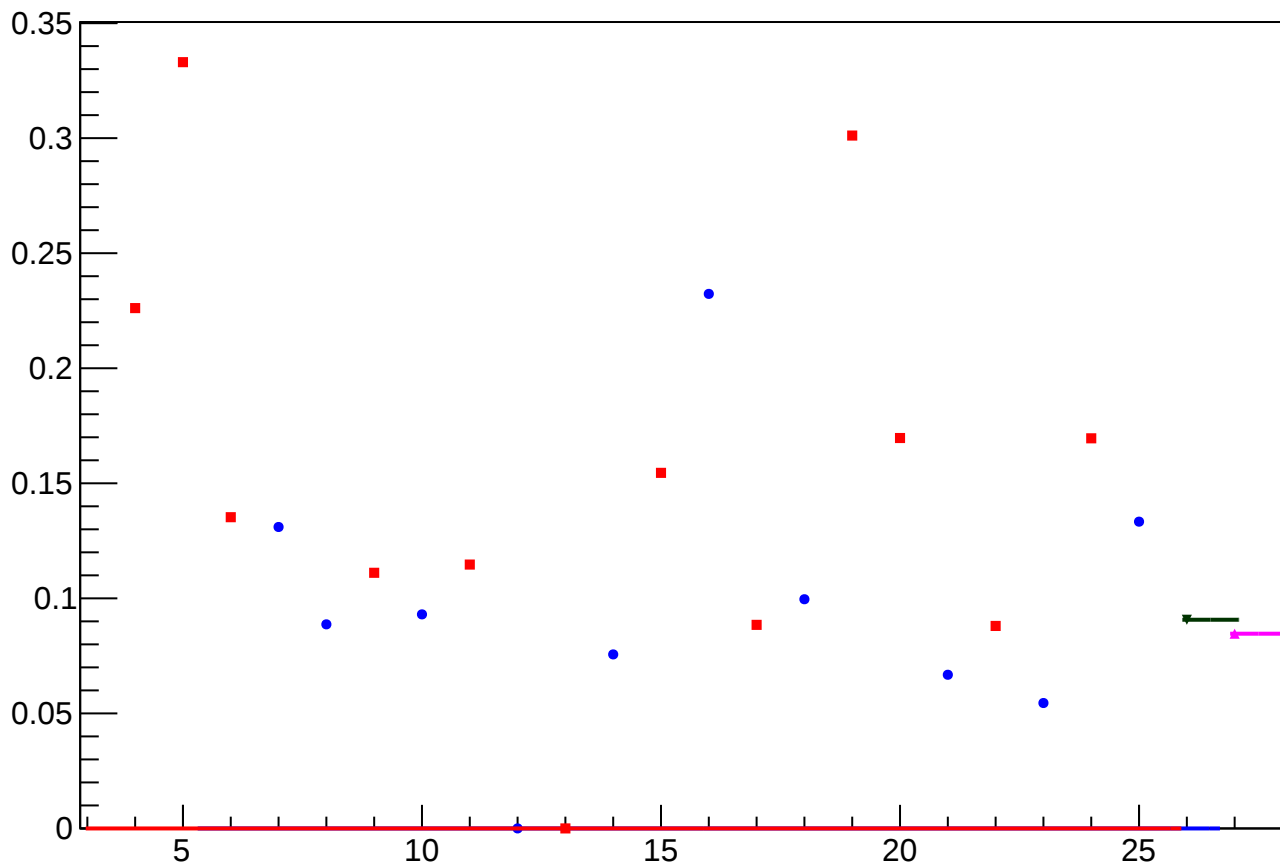
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: -0.312+/-0.000 χ^2/NDF : 0.0/0

-0.676+/-0.000 χ^2/NDF : 236802143.5/10

-0.676+/-0.000 χ^2/NDF : 76156381.6/12

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.091+/-0.000 χ^2/NDF : 0.0/0

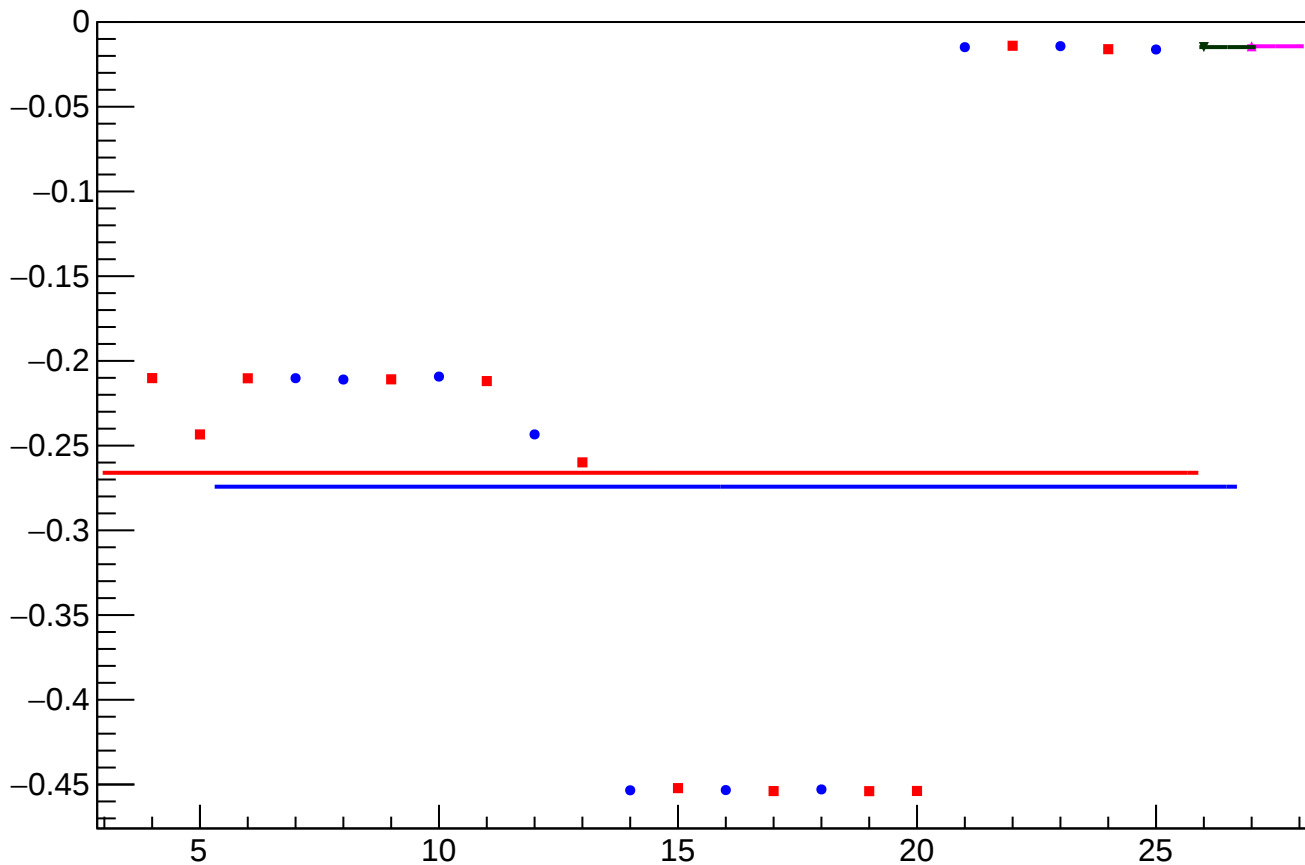
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.085+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 8803606.2/10

0.000+/-0.000 χ^2/NDF : 9189756.0/12

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.015+/-0.000 χ^2/NDF : 0.0/0

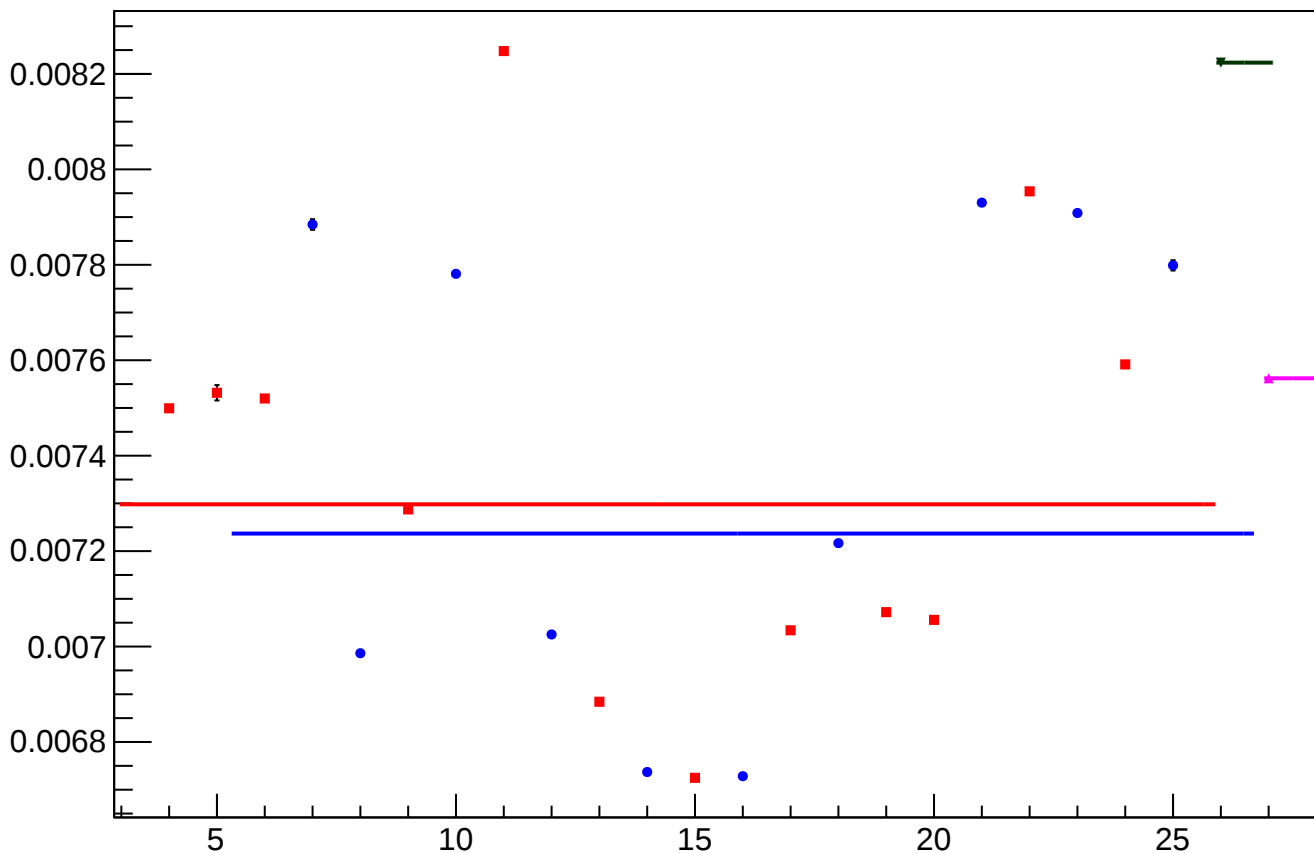
Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

Left In: -0.014+/-0.000 χ^2/NDF : 0.0/0

-0.260+/-0.000 χ^2/NDF : 3813657594.1/10

-0.238+/-0.000 χ^2/NDF : 3443953456.4/12

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54029.4/9

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

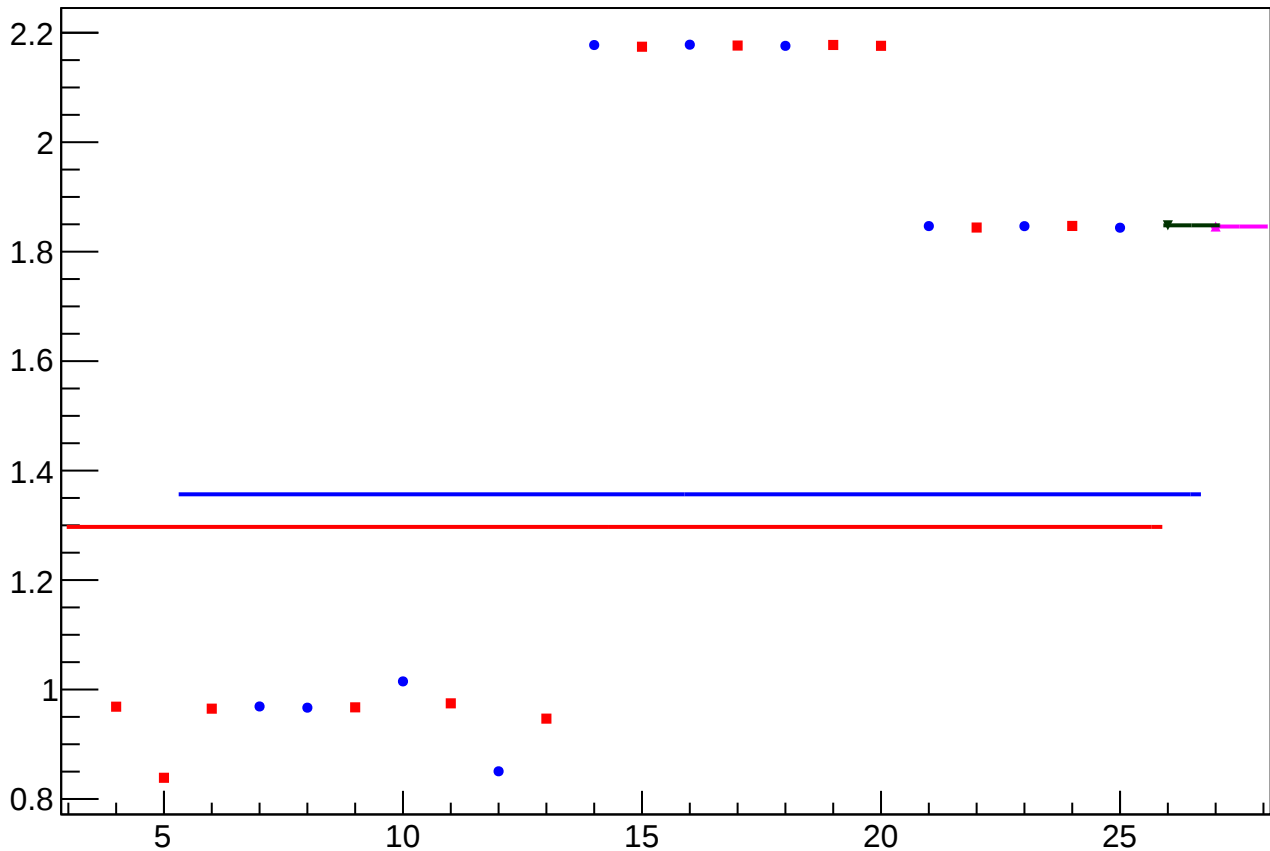
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 67300.7/10

0.007+/-0.000 χ^2/NDF : 48671.1/12

yield_bpm4aY_mean vs slug



Right In: 1.357 $\pm$ 0.000 χ^2 /NDF: 12373287295.8/9

Left Out: 1.848 $\pm$ 0.000 χ^2 /NDF: 0.0/0

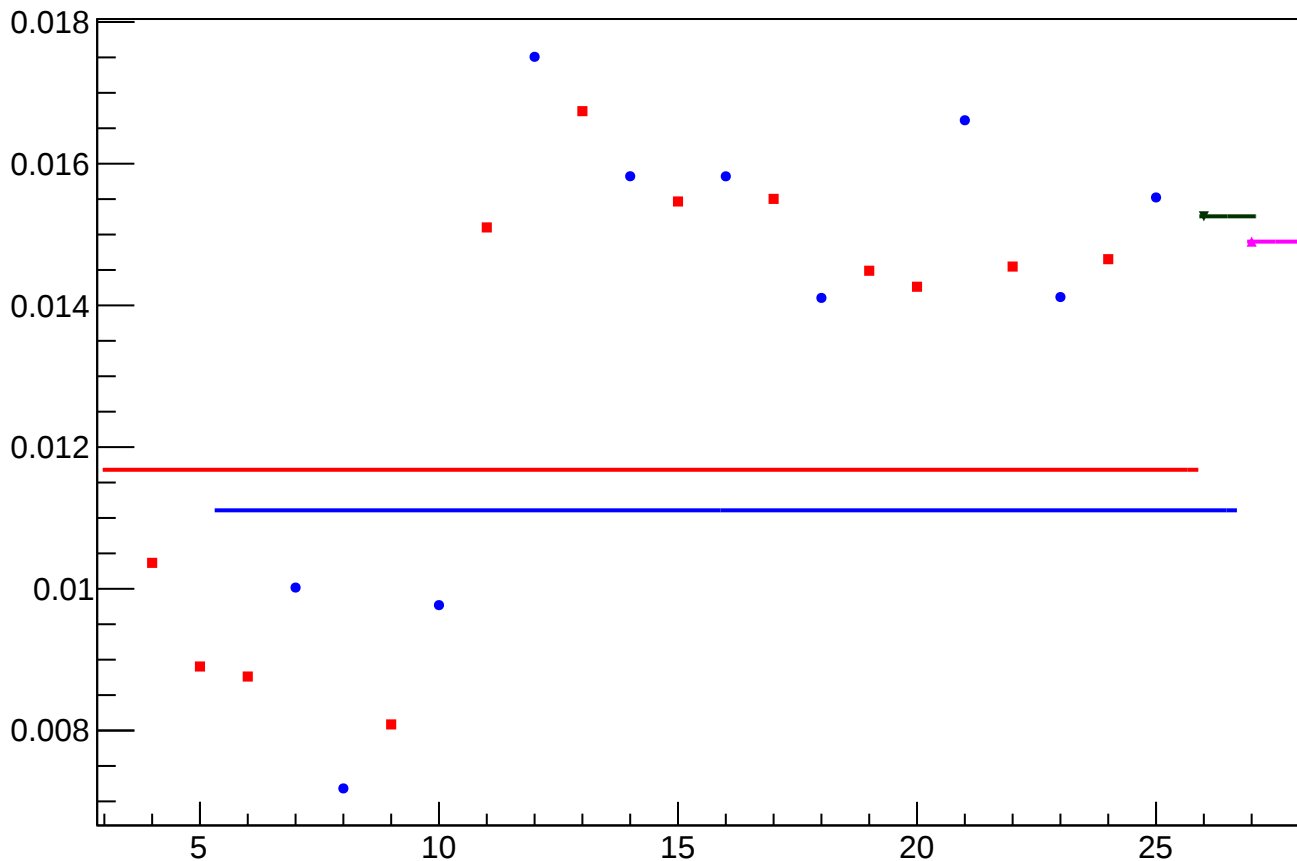
1.378 $\pm$ 0.000 χ^2 /NDF: 12845561841.8/10

Right Out: 1.297 $\pm$ 0.000 χ^2 /NDF: 10947439943.1/11

1.342 $\pm$ 0.000 χ^2 /NDF: 11985090764.8/12

Left In: 1.846 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1302674.8/9

Left Out: 0.015+/-0.000 χ^2/NDF : 0.0/0

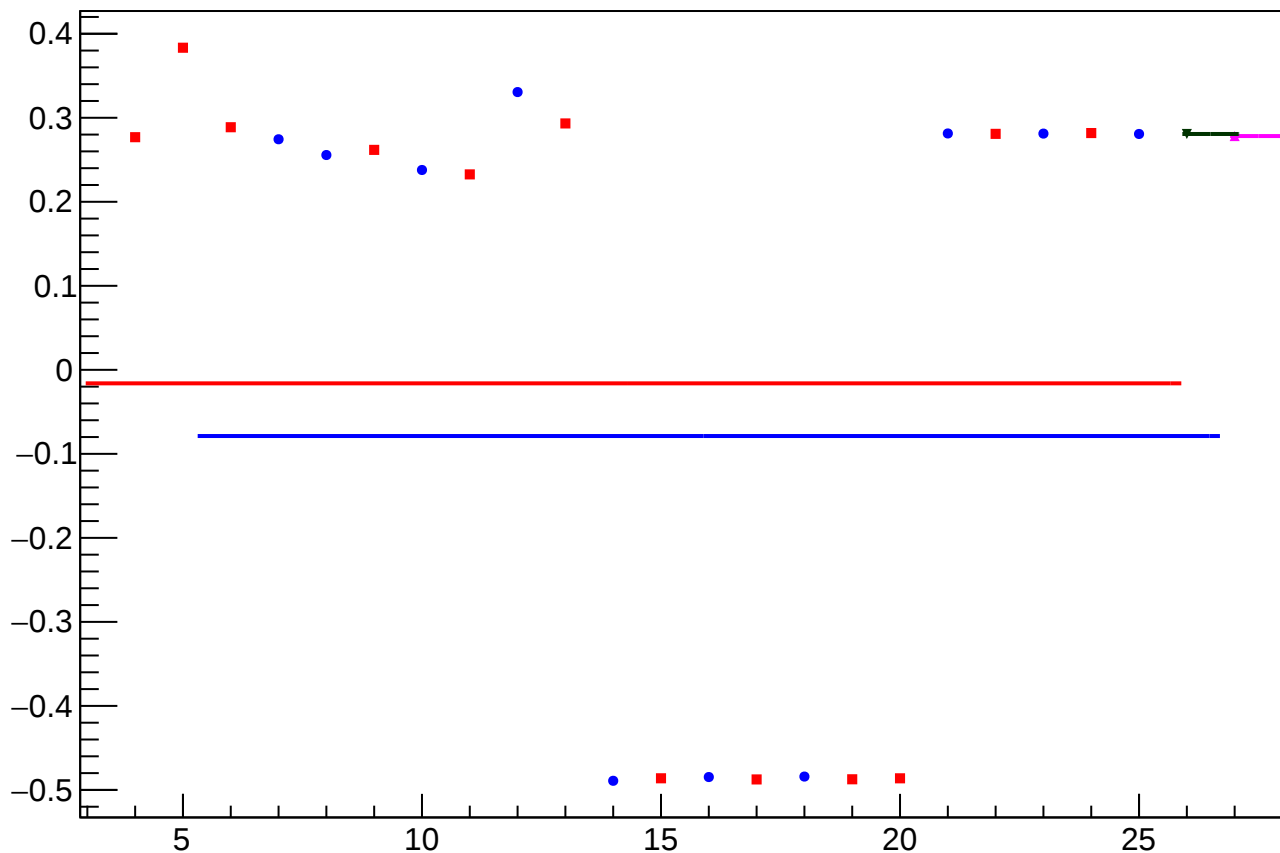
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.015+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 1370014.6/10

0.012+/-0.000 χ^2/NDF : 1001985.8/12

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.281+/-0.000 χ^2/NDF : 0.0/0

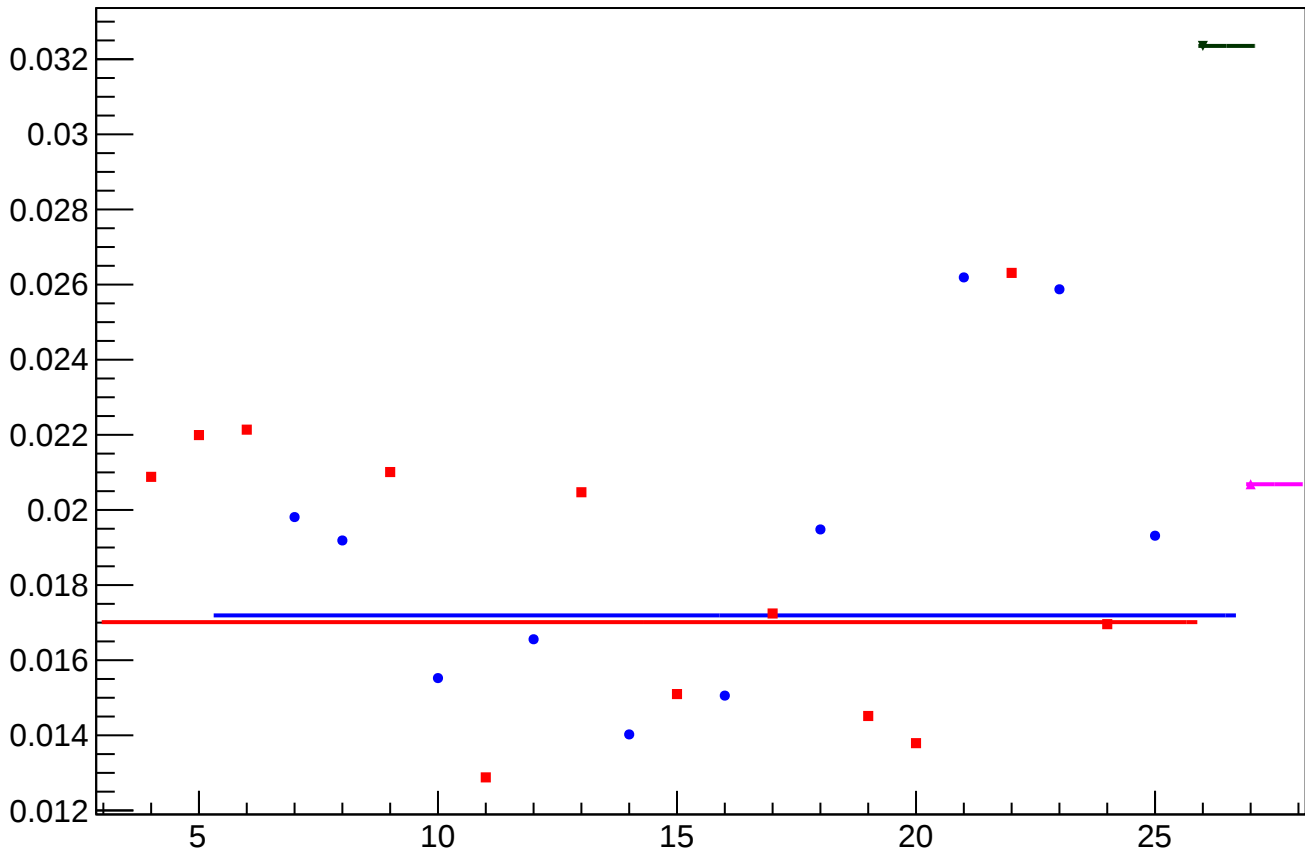
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.278+/-0.000 χ^2/NDF : 0.0/0

-0.071+/-0.000 χ^2/NDF : 2948731830.1/10

0.008+/-0.000 χ^2/NDF : 2884541023.4/12

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.032+/-0.000 χ^2/NDF : 0.0/0

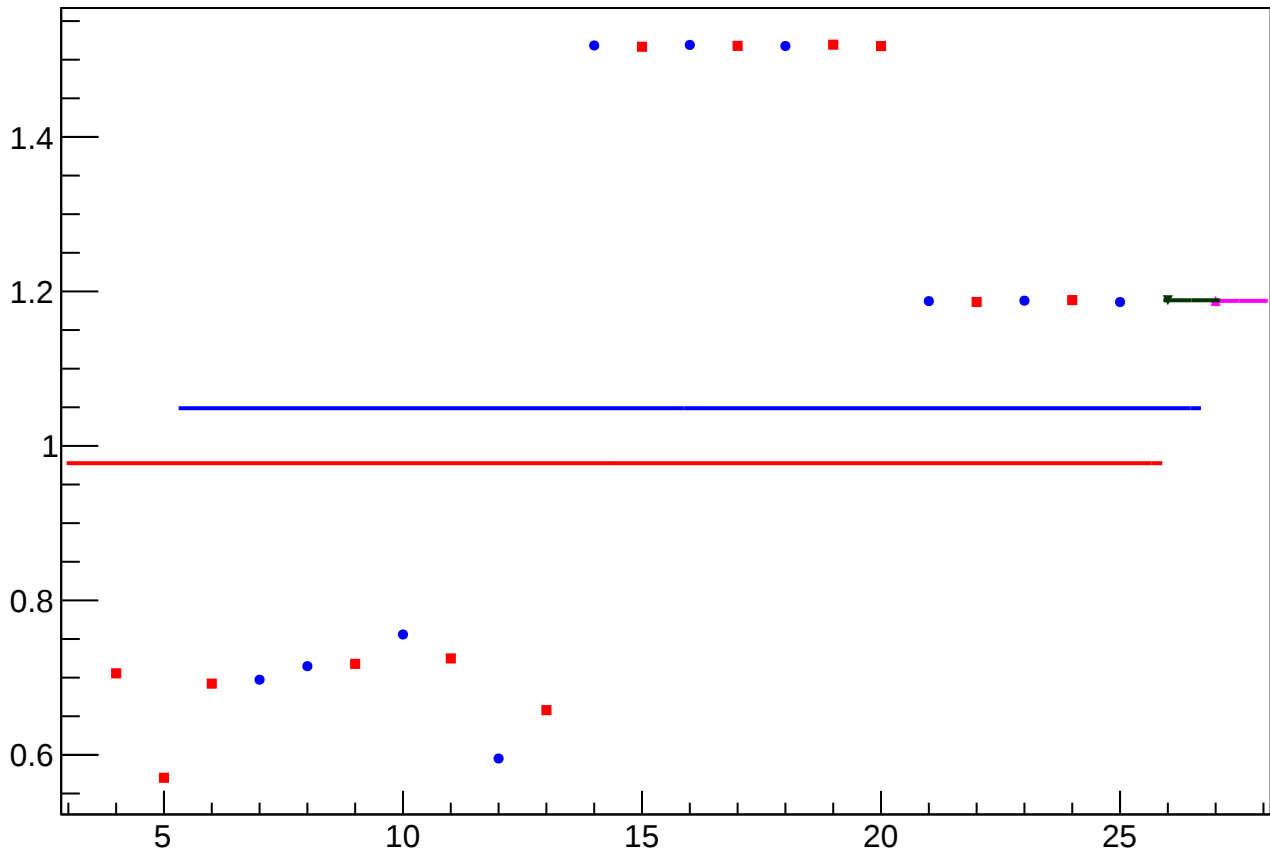
0.018+/-0.000 χ^2/NDF : 683051.3/10

Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

0.017+/-0.000 χ^2/NDF : 587213.9/12

Left In: 0.021+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.189+/-0.000 χ^2/NDF : 0.0/0

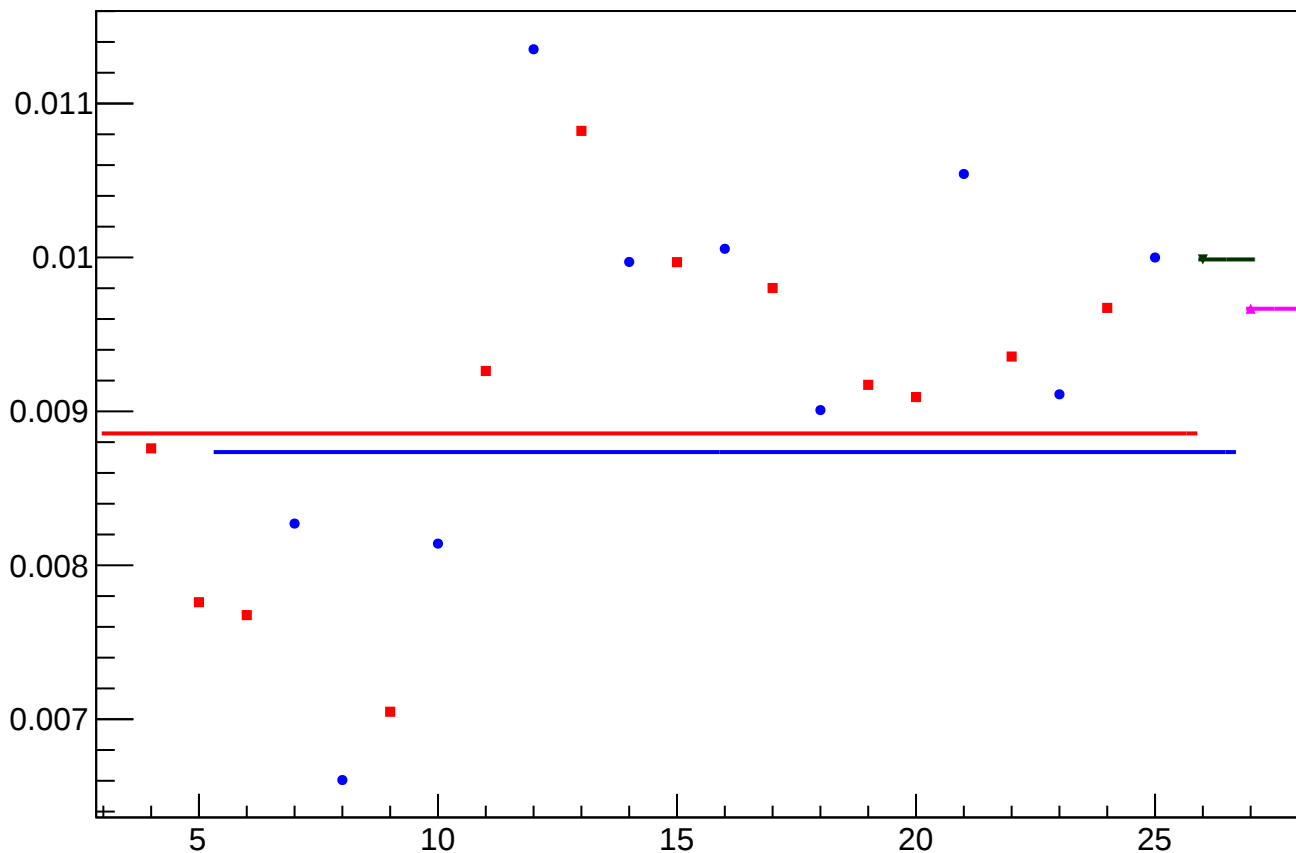
1.057+/-0.000 χ^2/NDF : 10353211375.2/10

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

0.999+/-0.000 χ^2/NDF : 10245222461.3/12

Left In: 1.188+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 359497.5/9

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

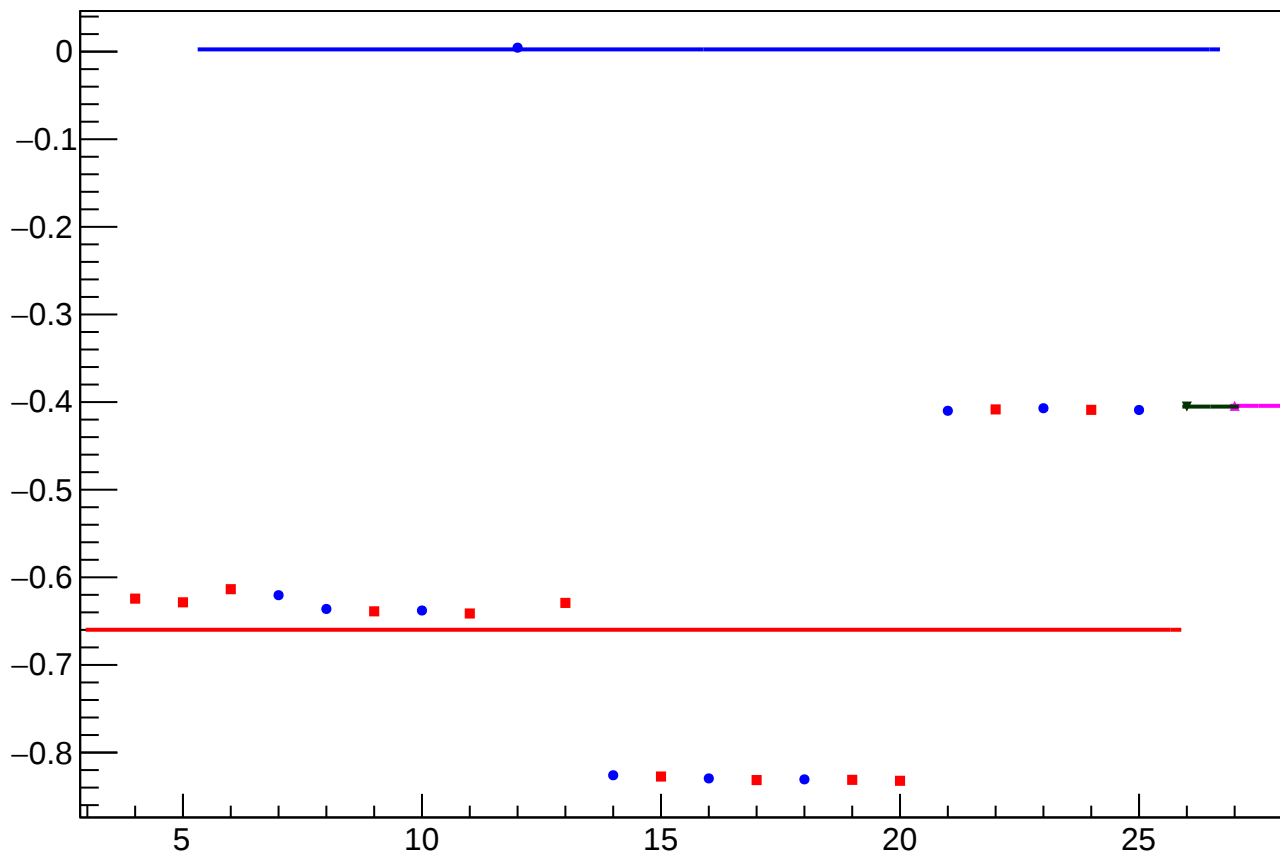
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 373365.7/10

0.009+/-0.000 χ^2/NDF : 234184.4/12

yield_bpm4acX_mean vs slug



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 51925247581.1/9

Left Out: -0.405 $\pm$ 0.000 χ^2 /NDF: 0.0/0

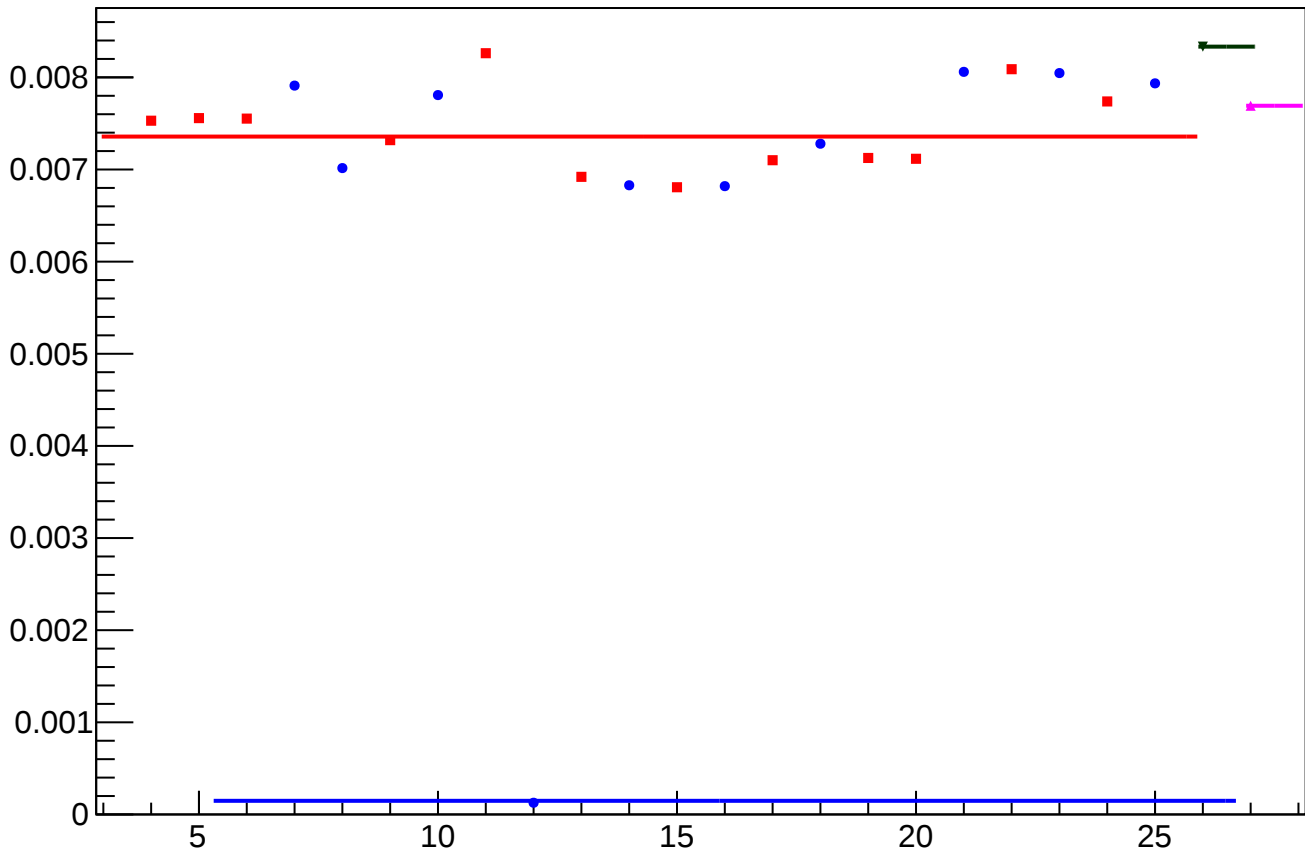
Right Out: -0.660 $\pm$ 0.000 χ^2 /NDF: 2254569212.9/11

Left In: -0.404 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.002 $\pm$ 0.000 χ^2 /NDF: 53093761714.1/10

-0.632 $\pm$ 0.000 χ^2 /NDF: 3087217212.1/12

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 : 0.0/0

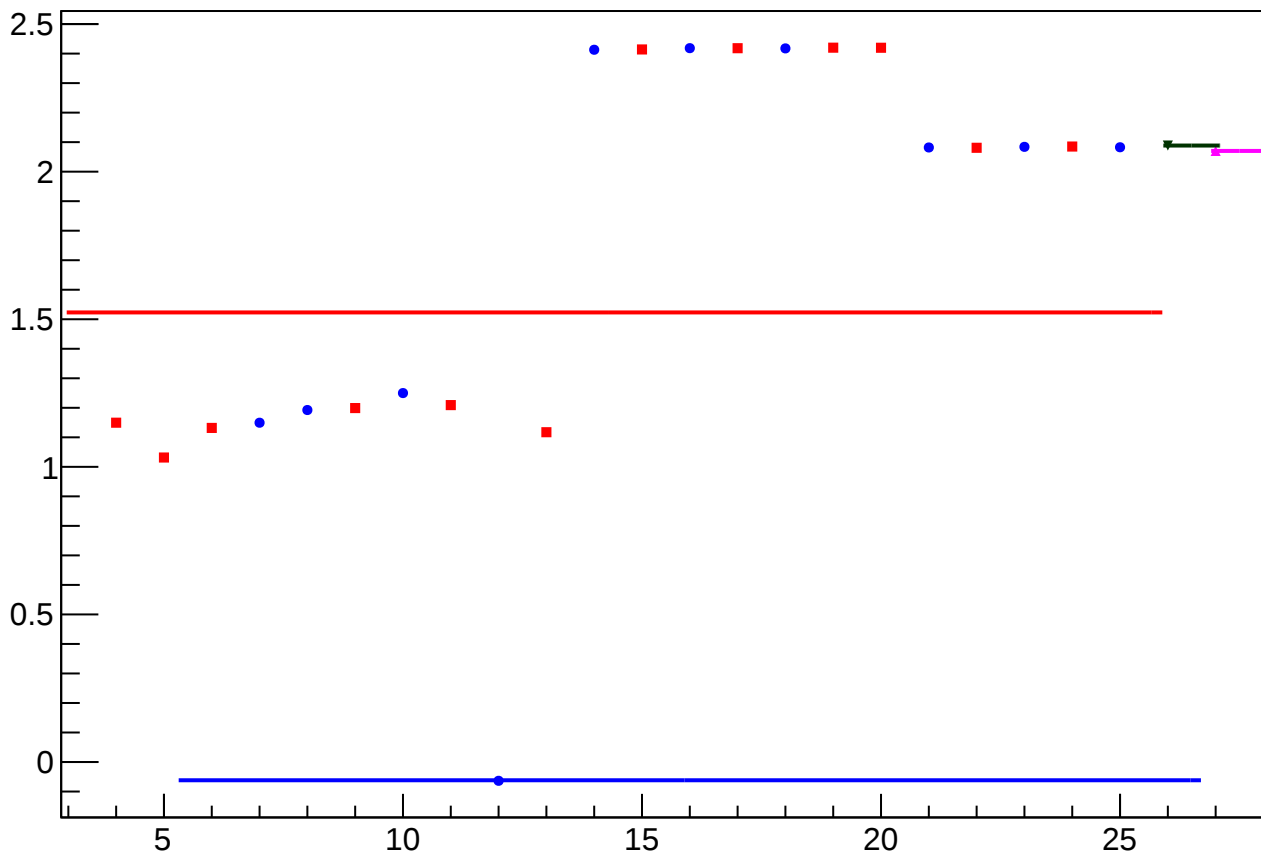
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 12098207.7/10

0.007+/-0.000 χ^2/NDF : 49779.3/12

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.088+/-0.000 χ^2/NDF : 0.0/0

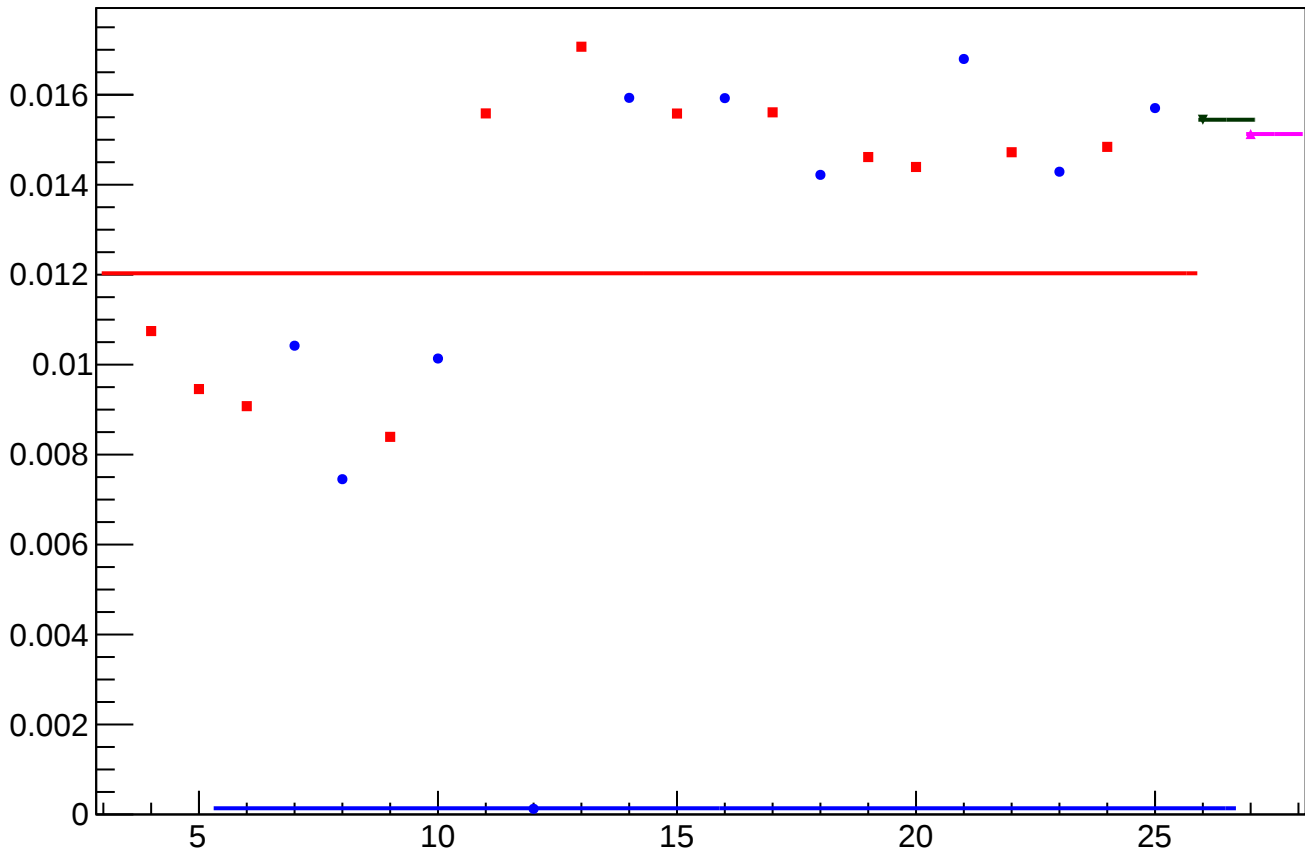
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.070+/-0.000 χ^2/NDF : 0.0/0

-0.062+/-0.000 χ^2/NDF : 136228740655.6/10

1.569+/-0.000 χ^2/NDF : 12358842226.0/12

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.015+/-0.000 χ^2/NDF : 0.0/0

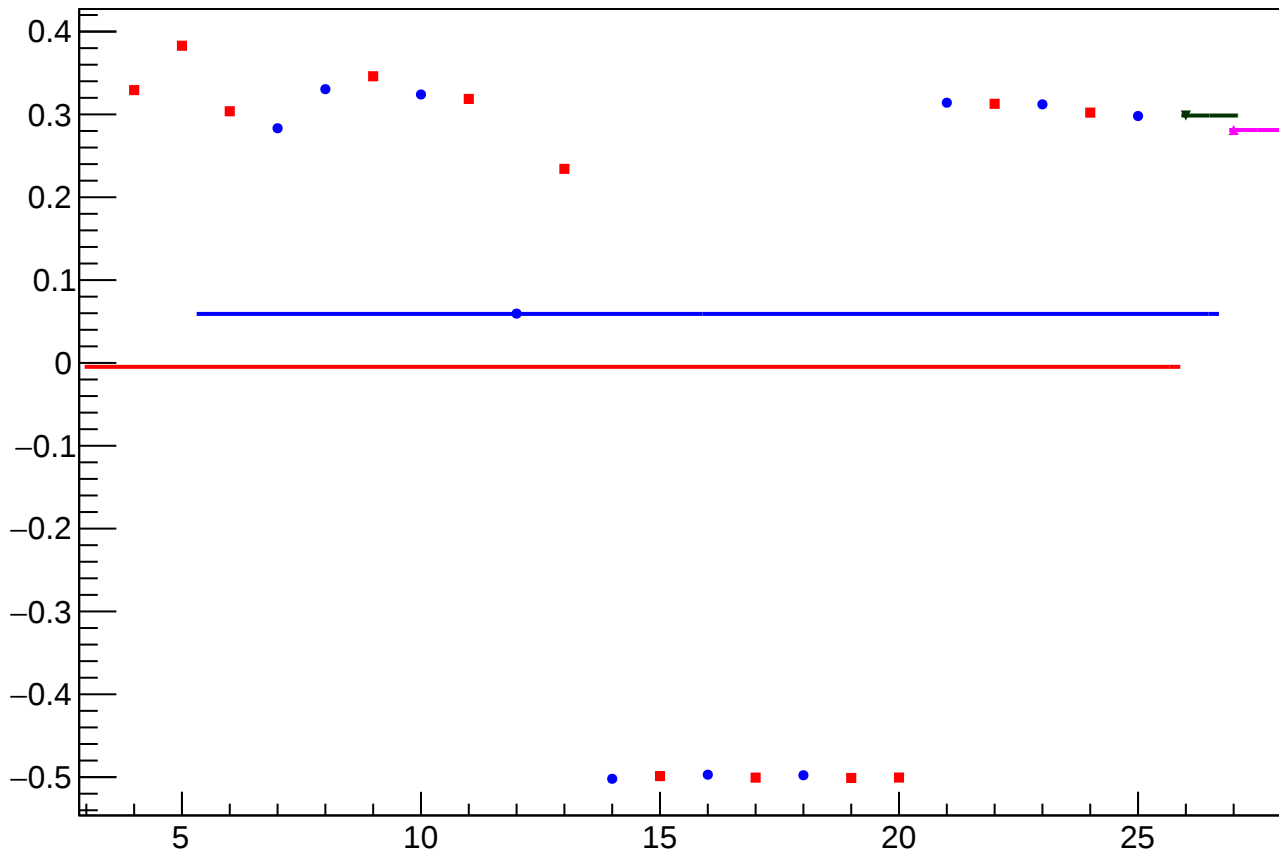
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11830361.4/10

0.012+/-0.000 χ^2/NDF : 922534.5/12

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3541111693.7/9

Left Out: 0.299+/-0.000 χ^2/NDF : 0.0/0

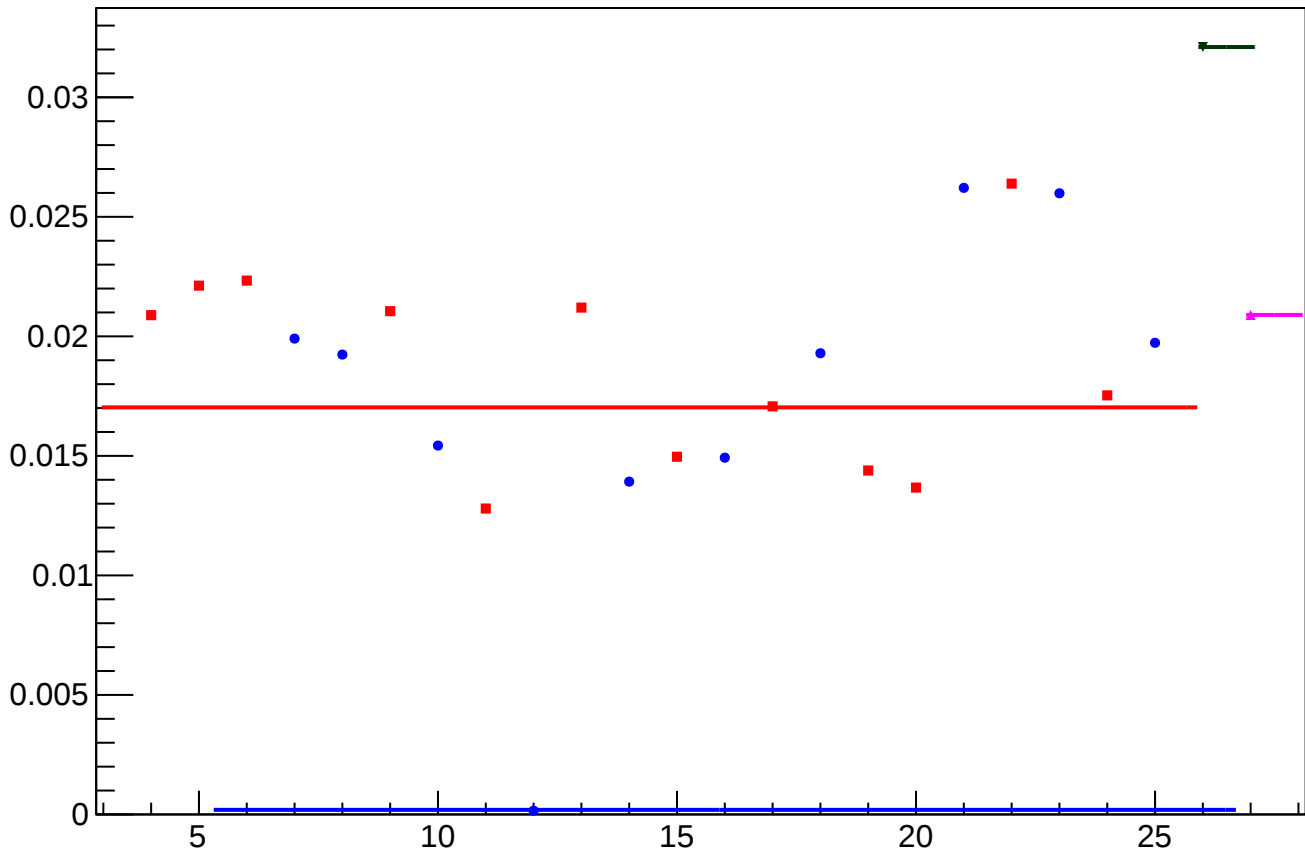
Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

Left In: 0.281+/-0.000 χ^2/NDF : 0.0/0

0.059+/-0.000 χ^2/NDF : 3567375528.0/10

0.019+/-0.000 χ^2/NDF : 3277197501.1/12

yield_bpm4ecX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10989835.4/9

Left Out: 0.032 $\pm$ 0.000 χ^2 /NDF: 0.0/0

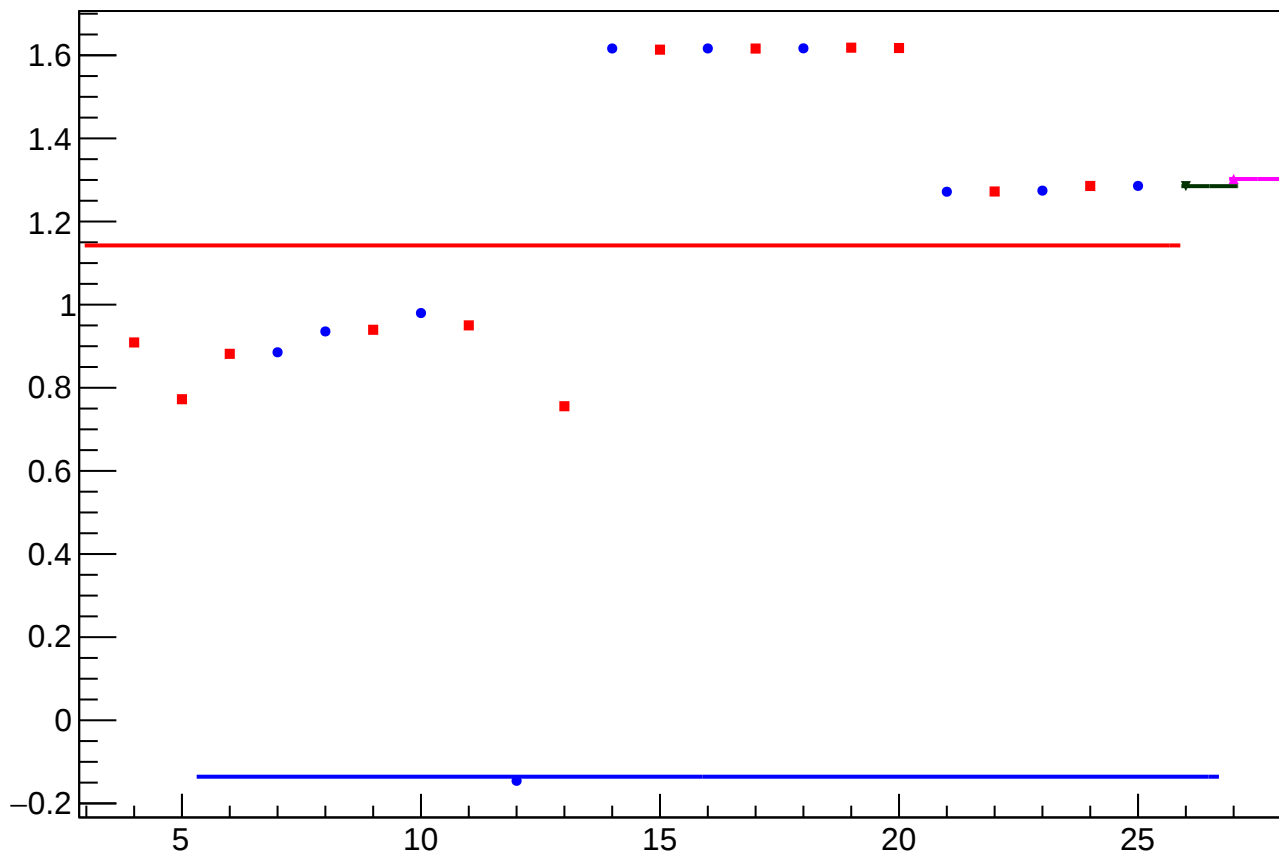
Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 584593.5/11

Left In: 0.021 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 11922521.6/10

0.017 $\pm$ 0.000 χ^2 /NDF: 634416.8/12

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.285+/-0.000 χ^2/NDF : 0.0/0

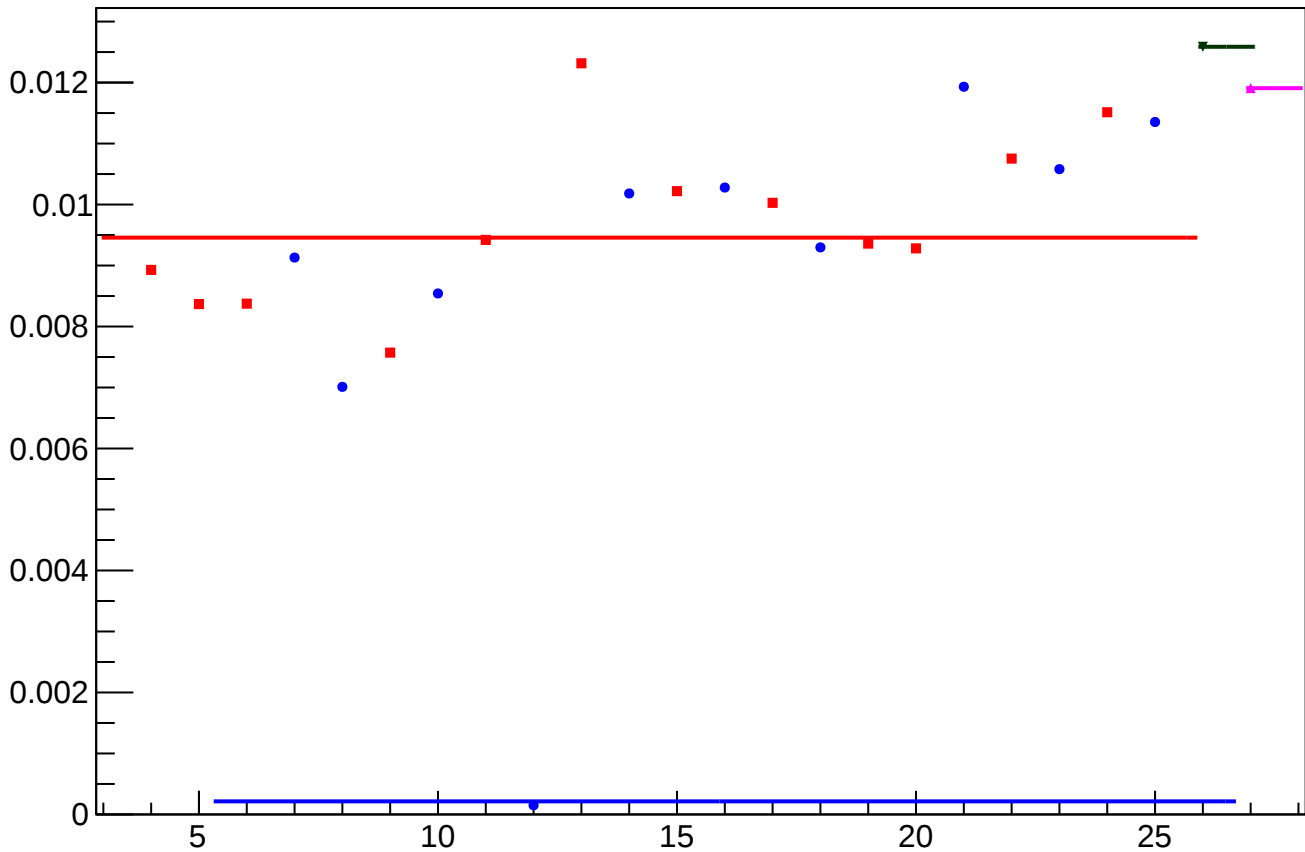
Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

Left In: 1.302+/-0.000 χ^2/NDF : 0.0/0

-0.135+/-0.000 χ^2/NDF : 137075487696.7/10

1.155+/-0.000 χ^2/NDF : 7151766361.8/12

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10811399.3/9

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

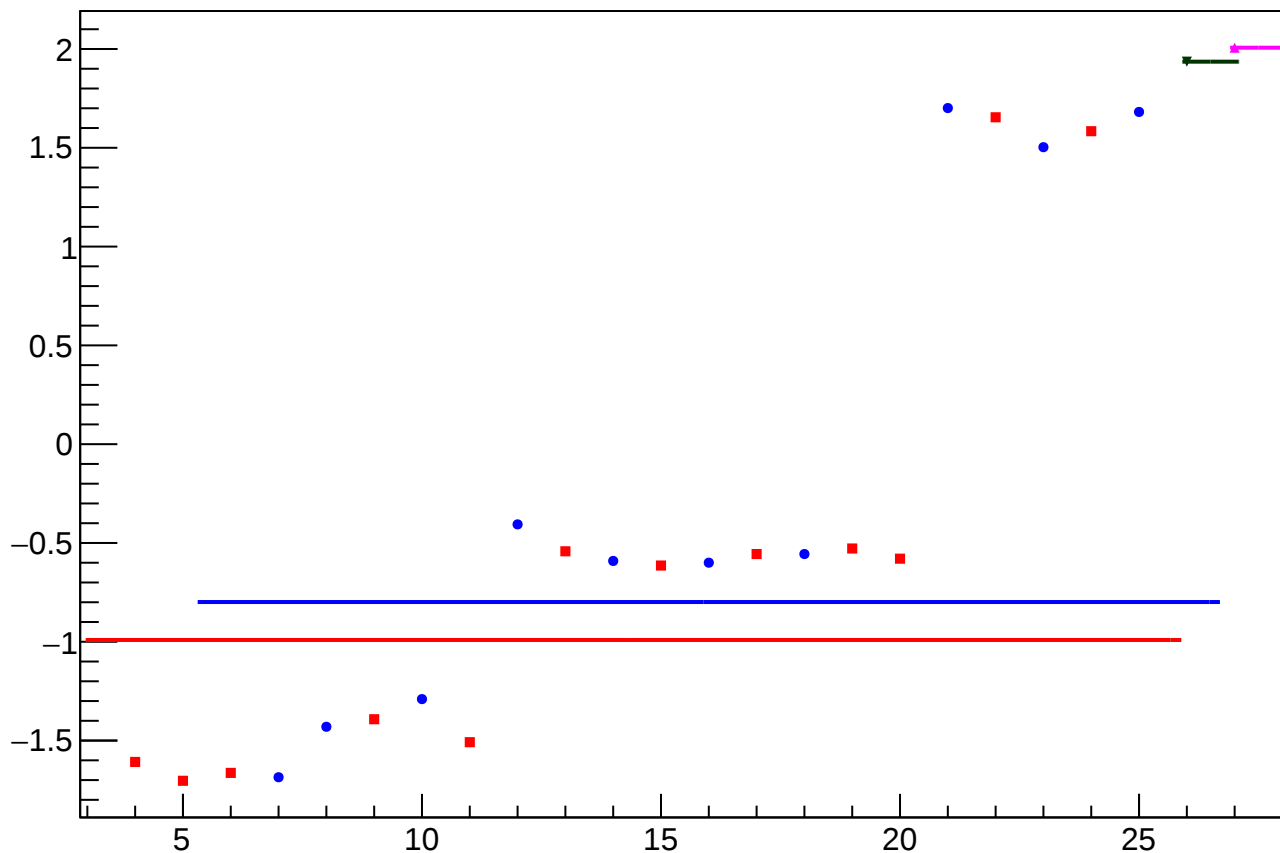
Right Out: 0.009+/-0.000 χ^2/NDF : 269492.1/11

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11710540.4/10

0.010+/-0.000 χ^2/NDF : 333748.0/12

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 1.936+/-0.000 χ^2/NDF : 0.0/0

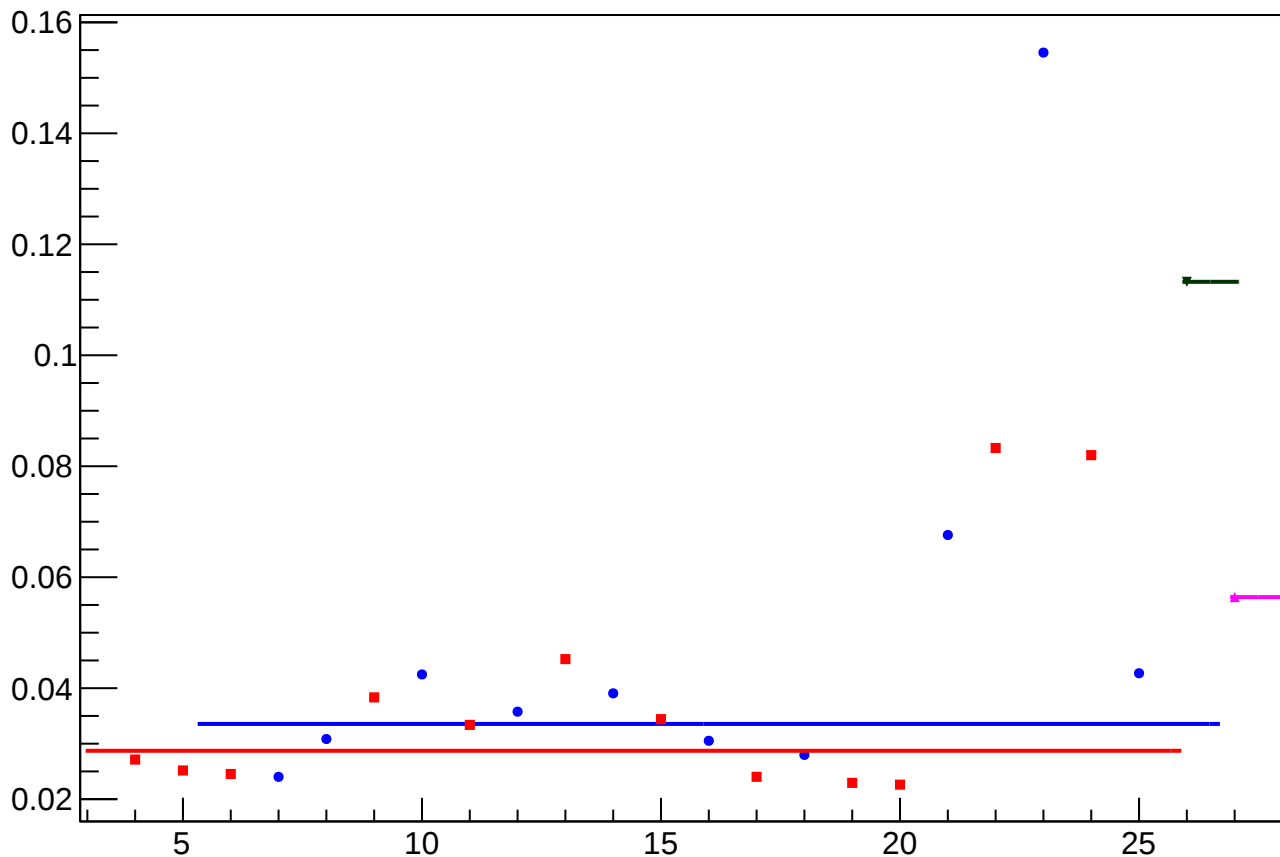
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 2.007+/-0.000 χ^2/NDF : 0.0/0

-0.778+/-0.000 χ^2/NDF : 2327098323.5/10

-0.902+/-0.000 χ^2/NDF : 3447807555.1/12

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.113+/-0.000 χ^2/NDF : 0.0/0

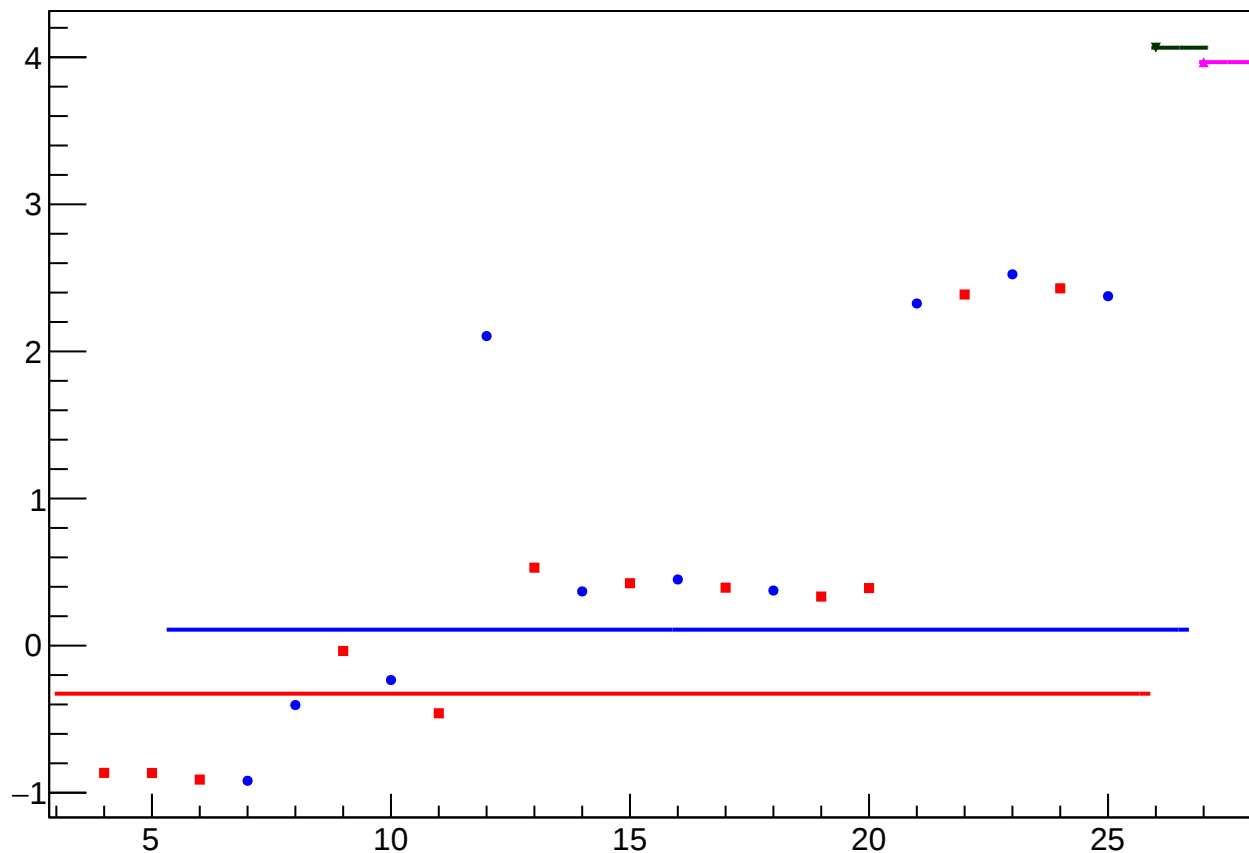
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.056+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 1405299.2/10

0.030+/-0.000 χ^2/NDF : 1209363.1/12

yield_bpm1Y_mean vs slug



Right In: 0.109 $\pm$ 0.000 χ^2 /NDF: 8111501728.9/9

Left Out: 4.065 $\pm$ 0.000 χ^2 /NDF: 0.0/0

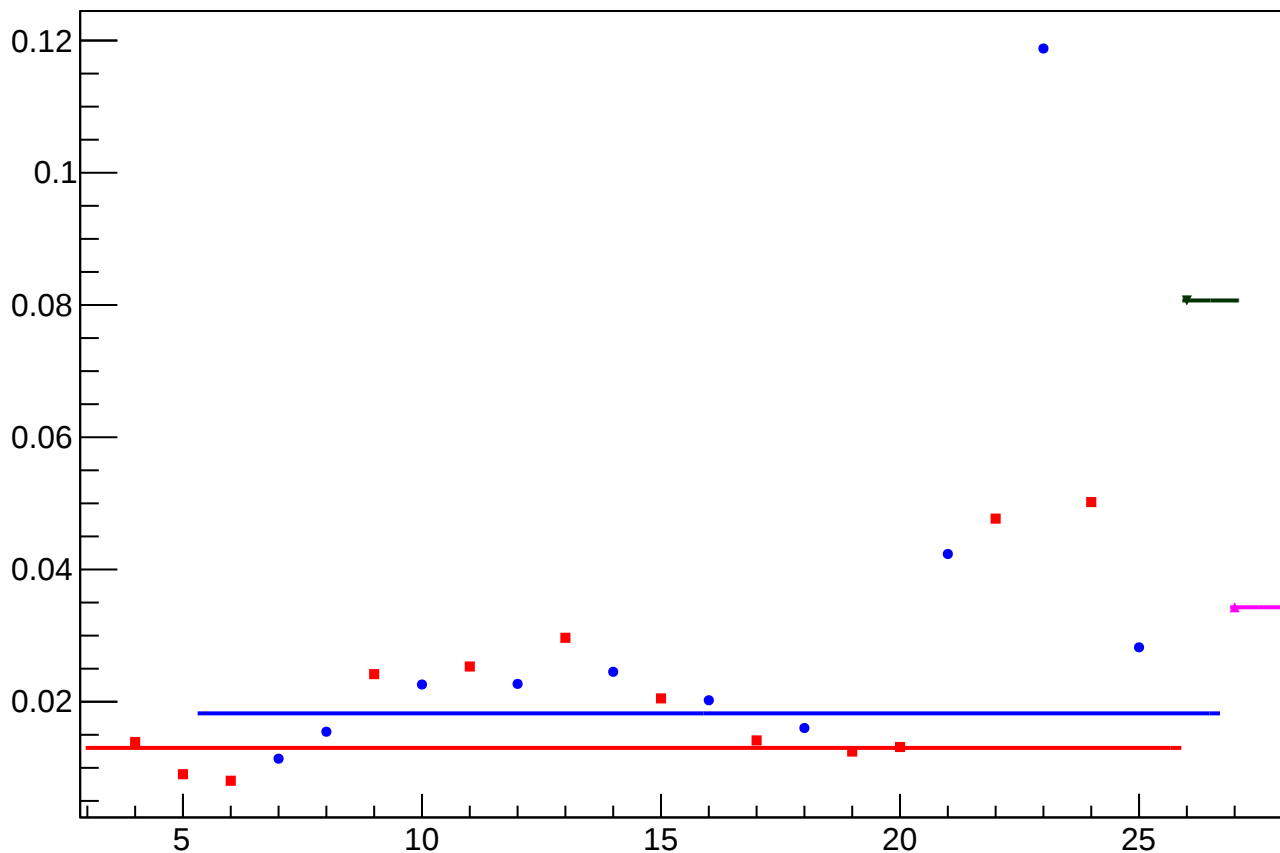
Right Out: -0.327 $\pm$ 0.000 χ^2 /NDF: 9287320551.8/11

Left In: 3.967 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.128 $\pm$ 0.000 χ^2 /NDF: 8978308998.1/10

-0.246 $\pm$ 0.000 χ^2 /NDF: 16458422327.3/12

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.081+/-0.000 χ^2/NDF : 0.0/0

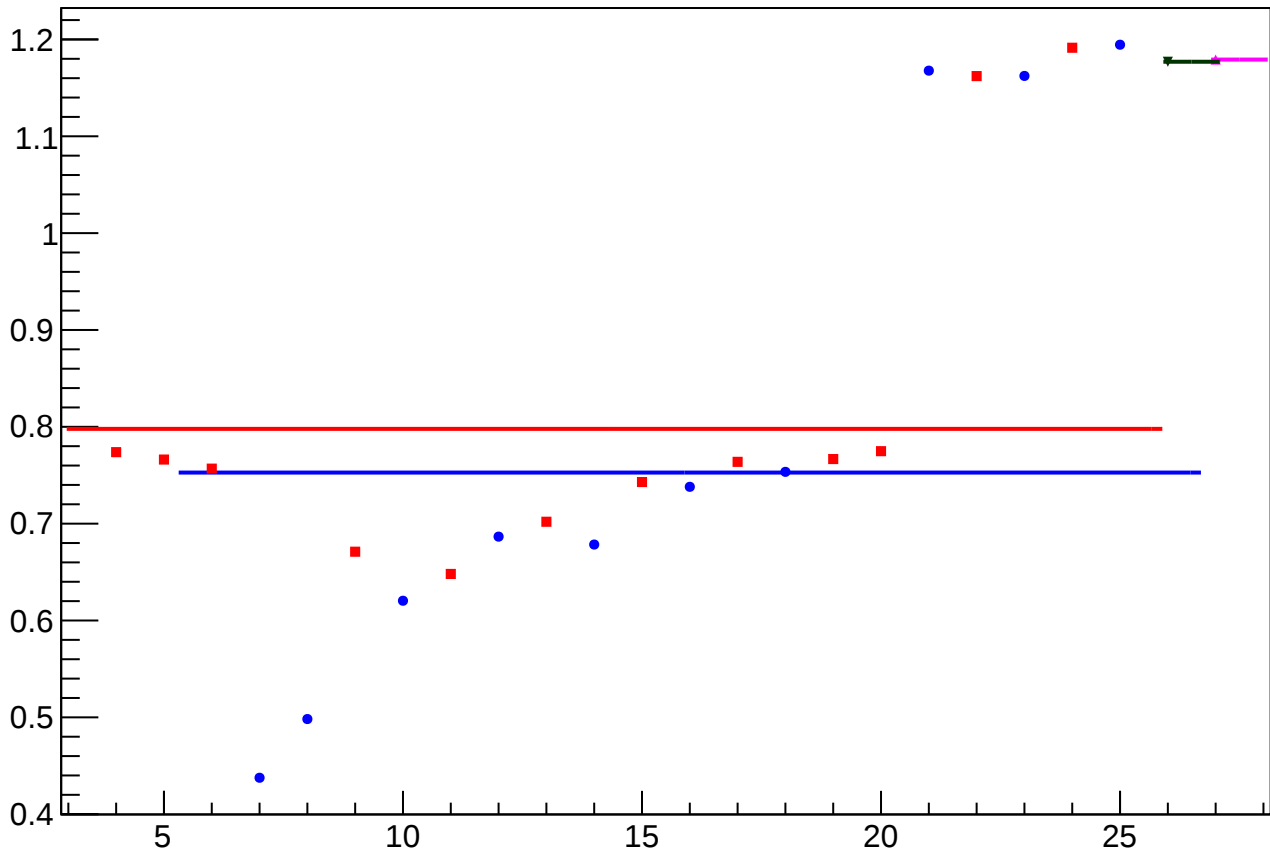
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.034+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1752414.0/10

0.013+/-0.000 χ^2/NDF : 2209477.4/12

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.177+/-0.000 χ^2/NDF : 0.0/0

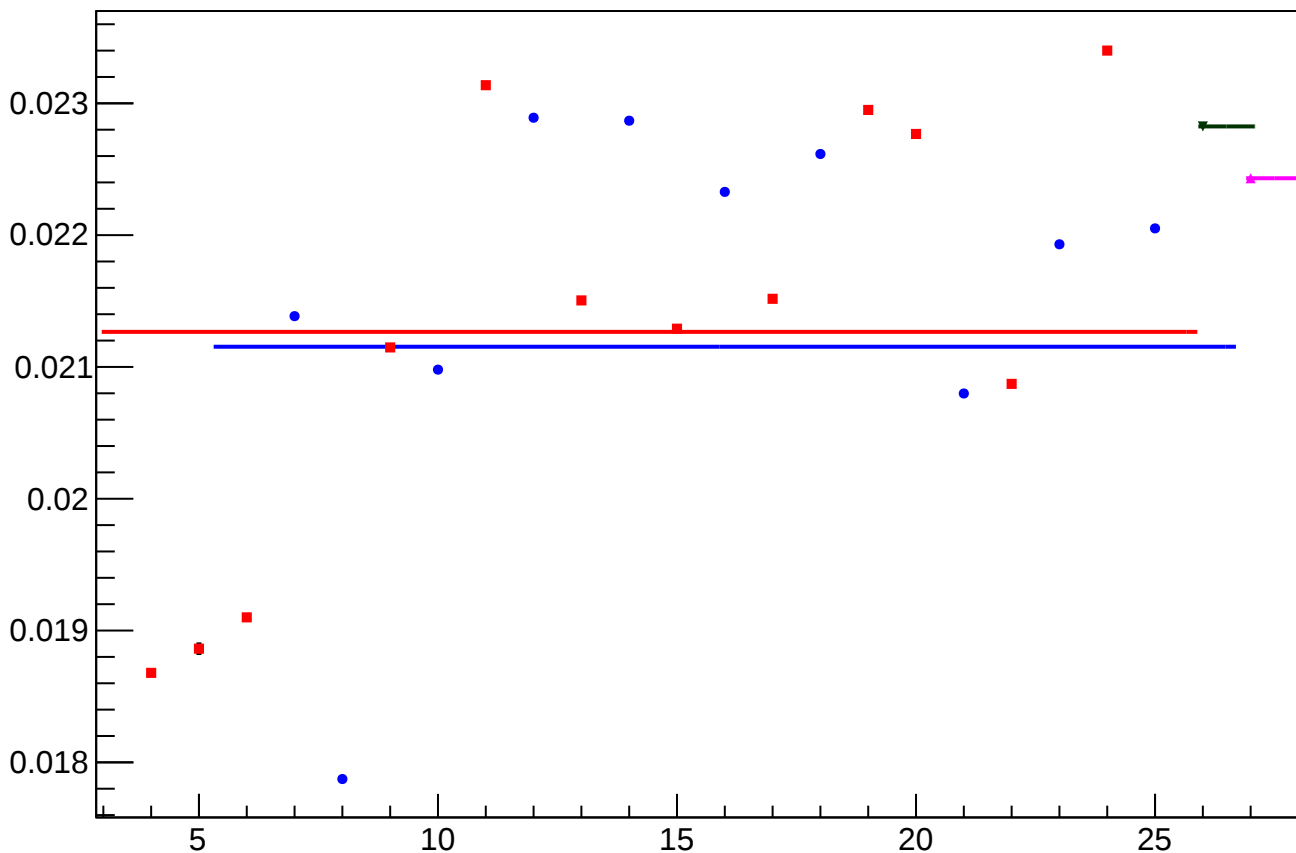
0.779+/-0.000 χ^2/NDF : 998964089.6/10

Right Out: 0.798+/-0.000 χ^2/NDF : 394047843.5/11

0.839+/-0.000 χ^2/NDF : 610878810.0/12

Left In: 1.179+/-0.000 χ^2/NDF : 0.0/0

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 : 0.0/0

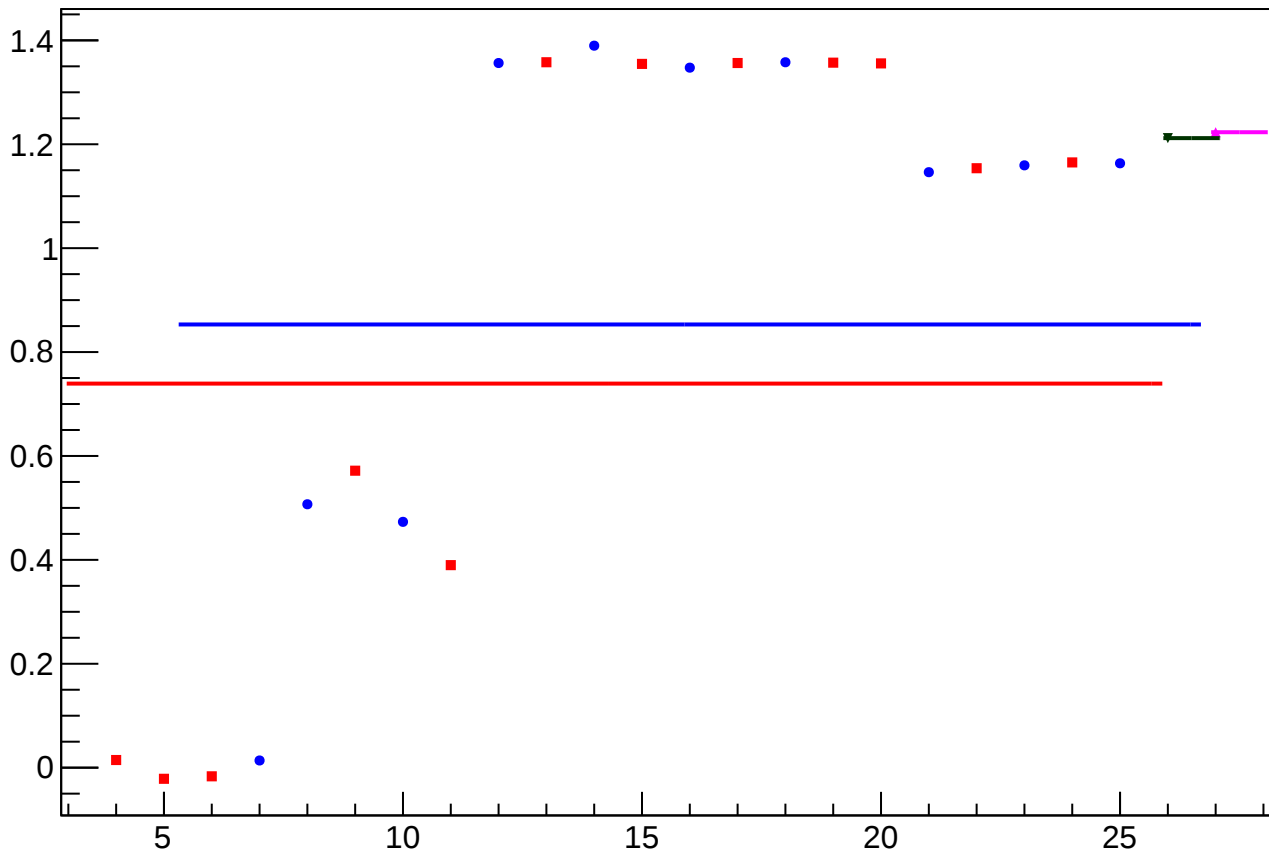
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.022+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 94145.9/10

0.021+/-0.000 χ^2/NDF : 62656.8/12

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 1.212+/-0.000 χ^2/NDF : 0.0/0

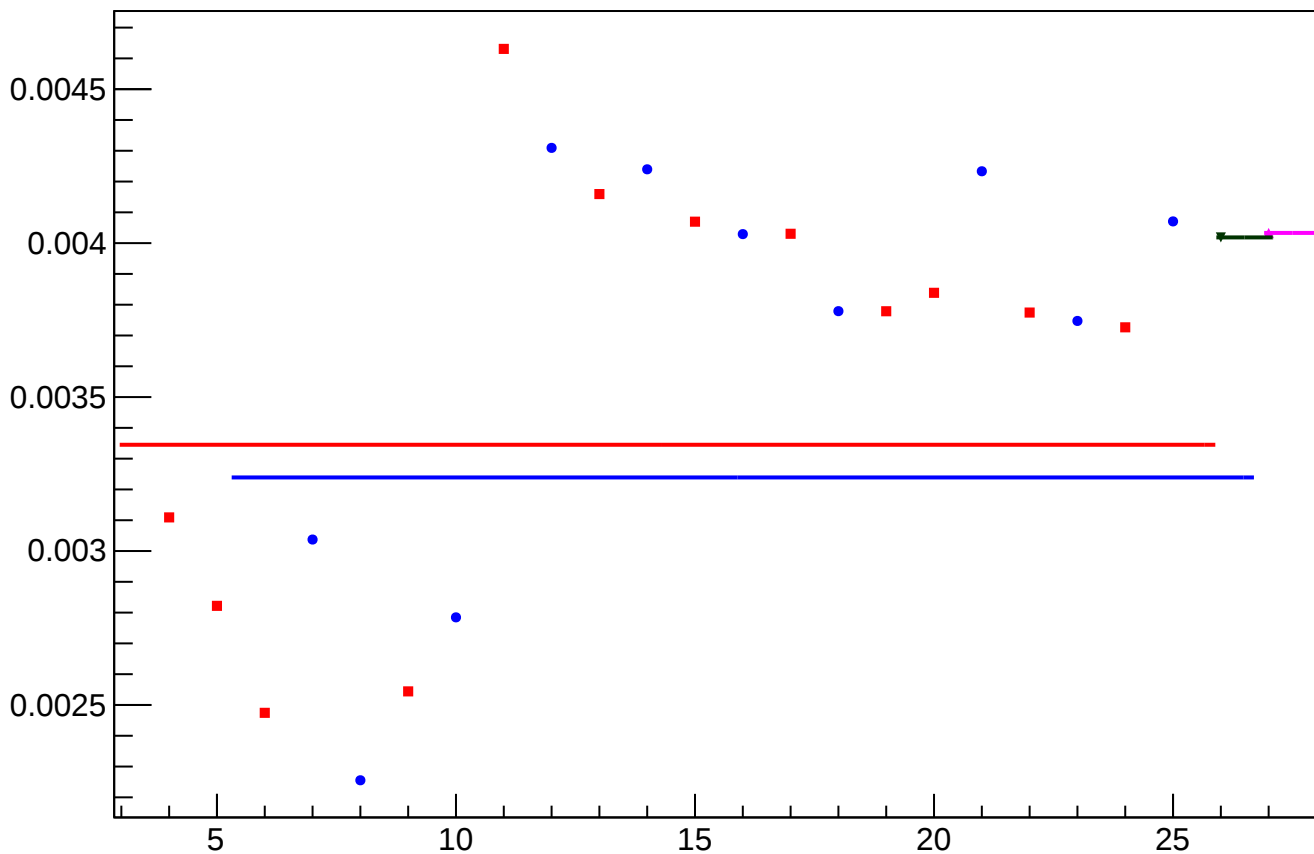
0.871+/-0.000 χ^2/NDF : 108360372244.6/10

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.783+/-0.000 χ^2/NDF : 174141793570.9/12

Left In: 1.223+/-0.000 χ^2/NDF : 0.0/0

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 : 0.0/0

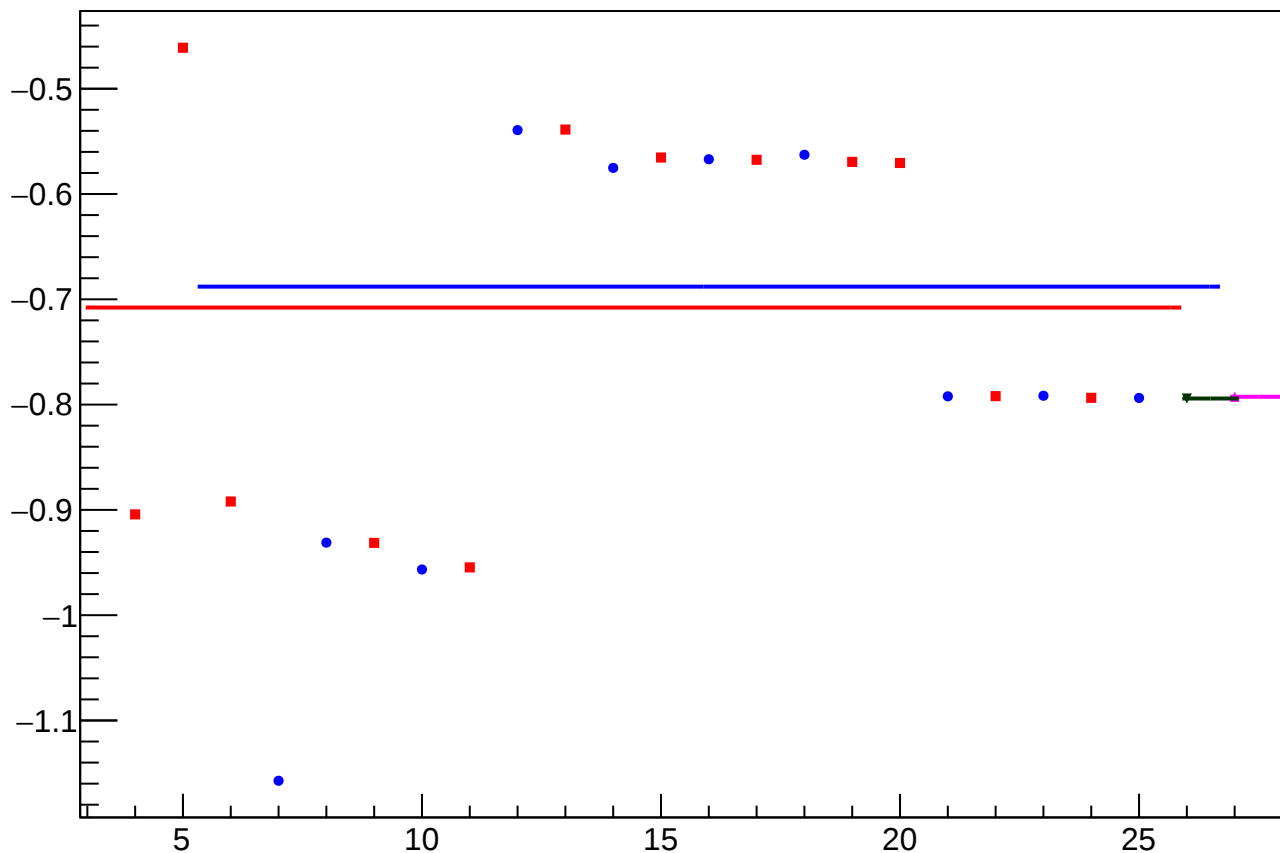
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 779674.4/10

0.003+/-0.000 χ^2/NDF : 618961.0/12

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.794+/-0.000 χ^2/NDF : 0.0/0

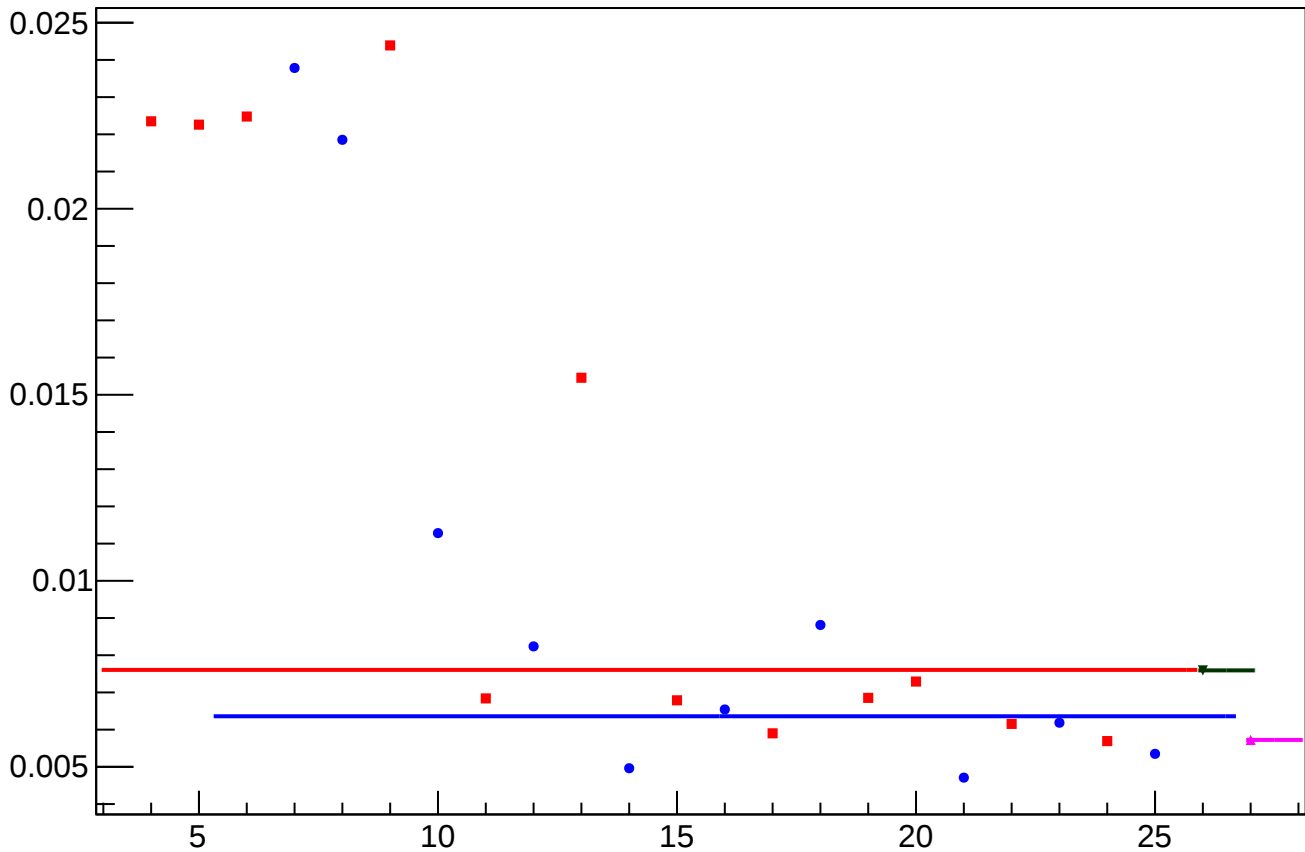
Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

Left In: -0.793+/-0.000 χ^2/NDF : 0.0/0

-0.695+/-0.000 χ^2/NDF : 1908692534.4/10

-0.725+/-0.000 χ^2/NDF : 1829083360.1/12

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1833155.9/9

Left Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

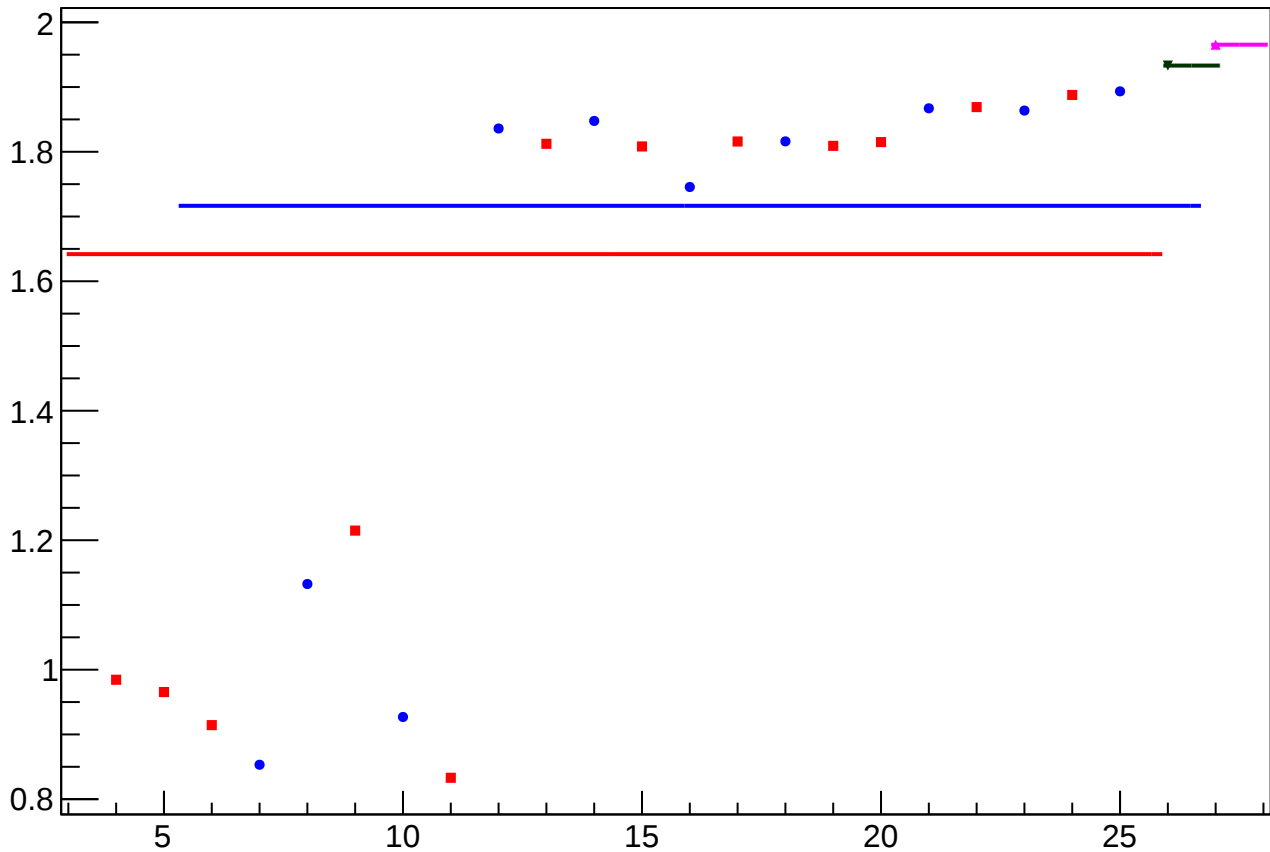
Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

Left In: 0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1852881.2/10

0.007+/-0.000 χ^2/NDF : 2401893.1/12

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2 /NDF: 10938016030.0/9

Left Out: 1.933 $\pm$ 0.000 χ^2 /NDF: 0.0/0

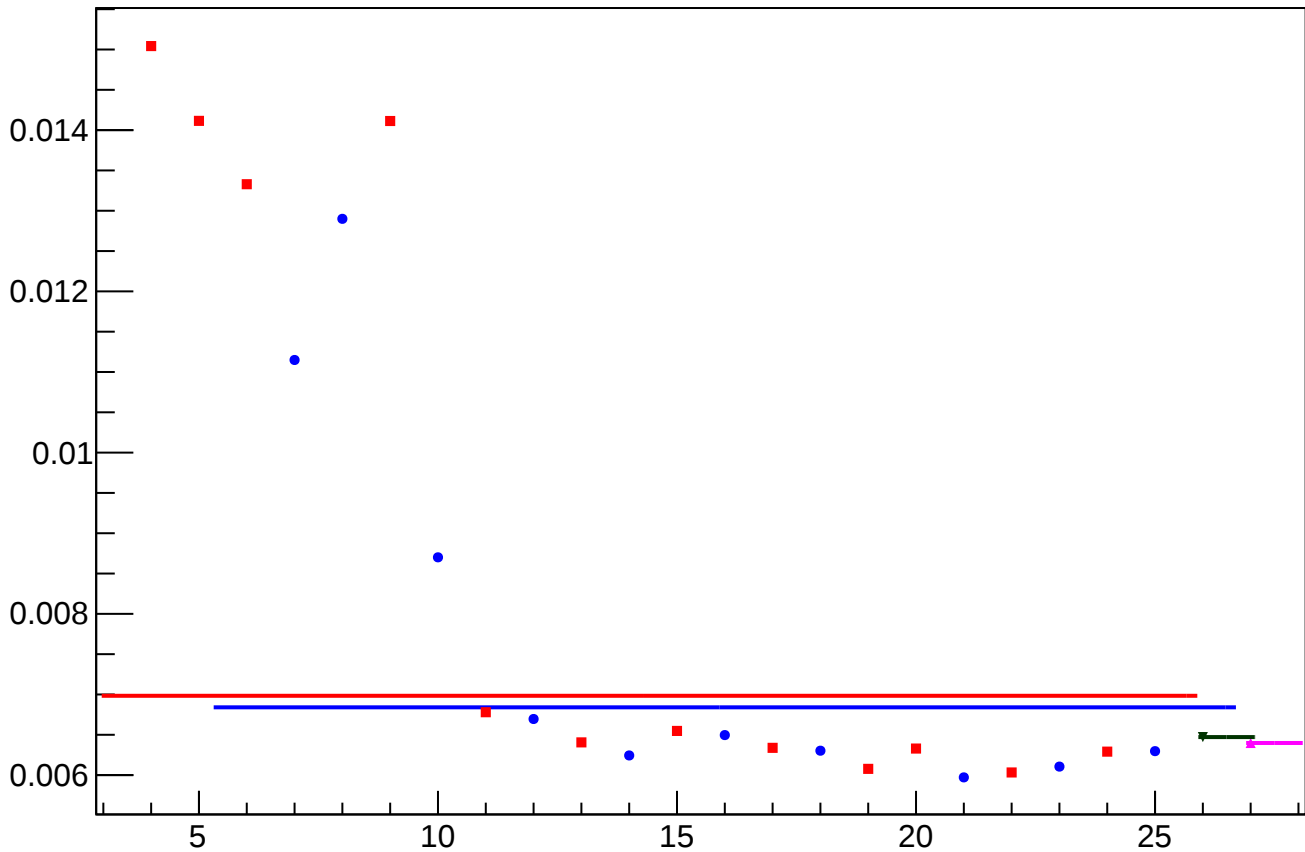
1.735 $\pm$ 0.000 χ^2 /NDF: 11412667167.1/10

Right Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 15751478429.4/11

1.690 $\pm$ 0.000 χ^2 /NDF: 17476859543.5/12

Left In: 1.965 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 600956.3/9

Left Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

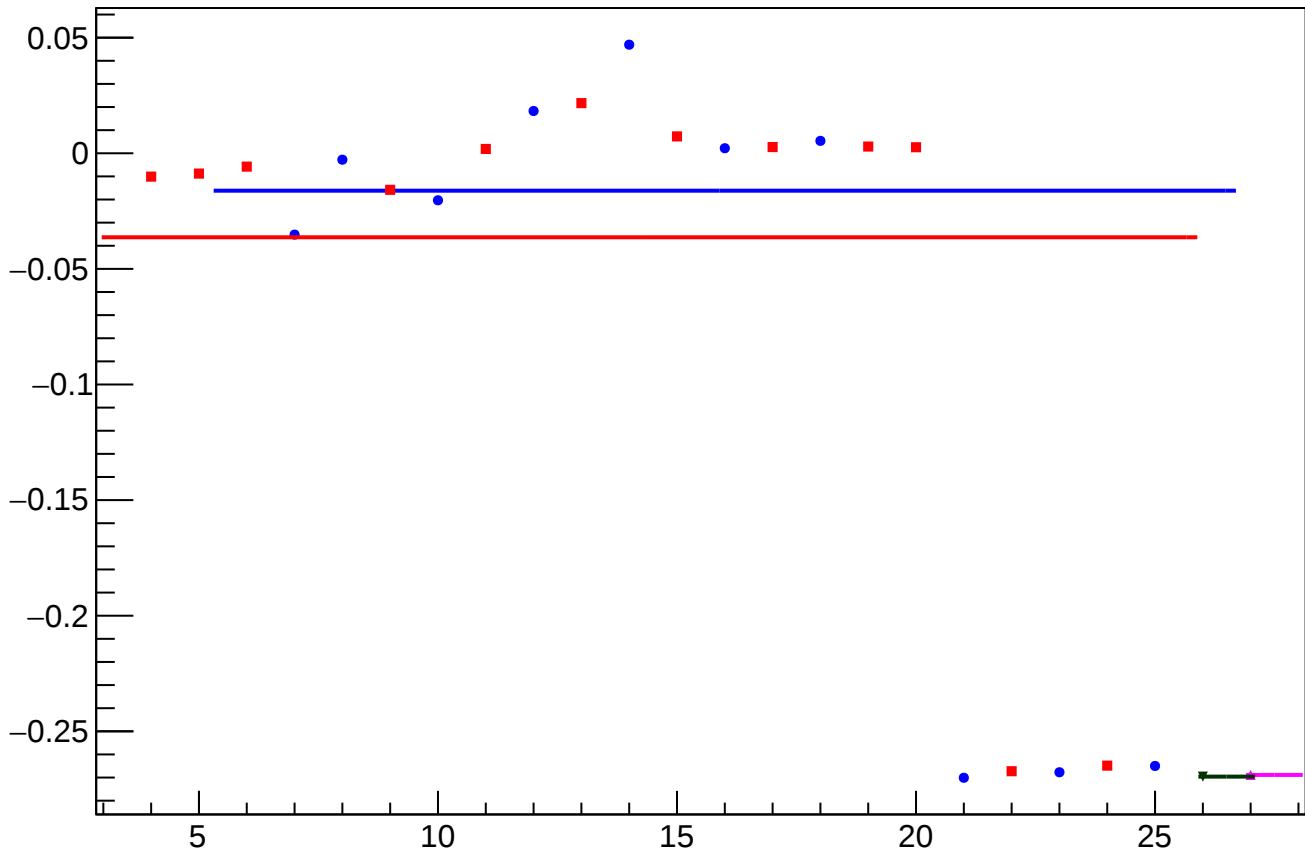
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 603710.4/10

0.007+/-0.000 χ^2/NDF : 984876.1/12

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.270+/-0.000 χ^2/NDF : 0.0/0

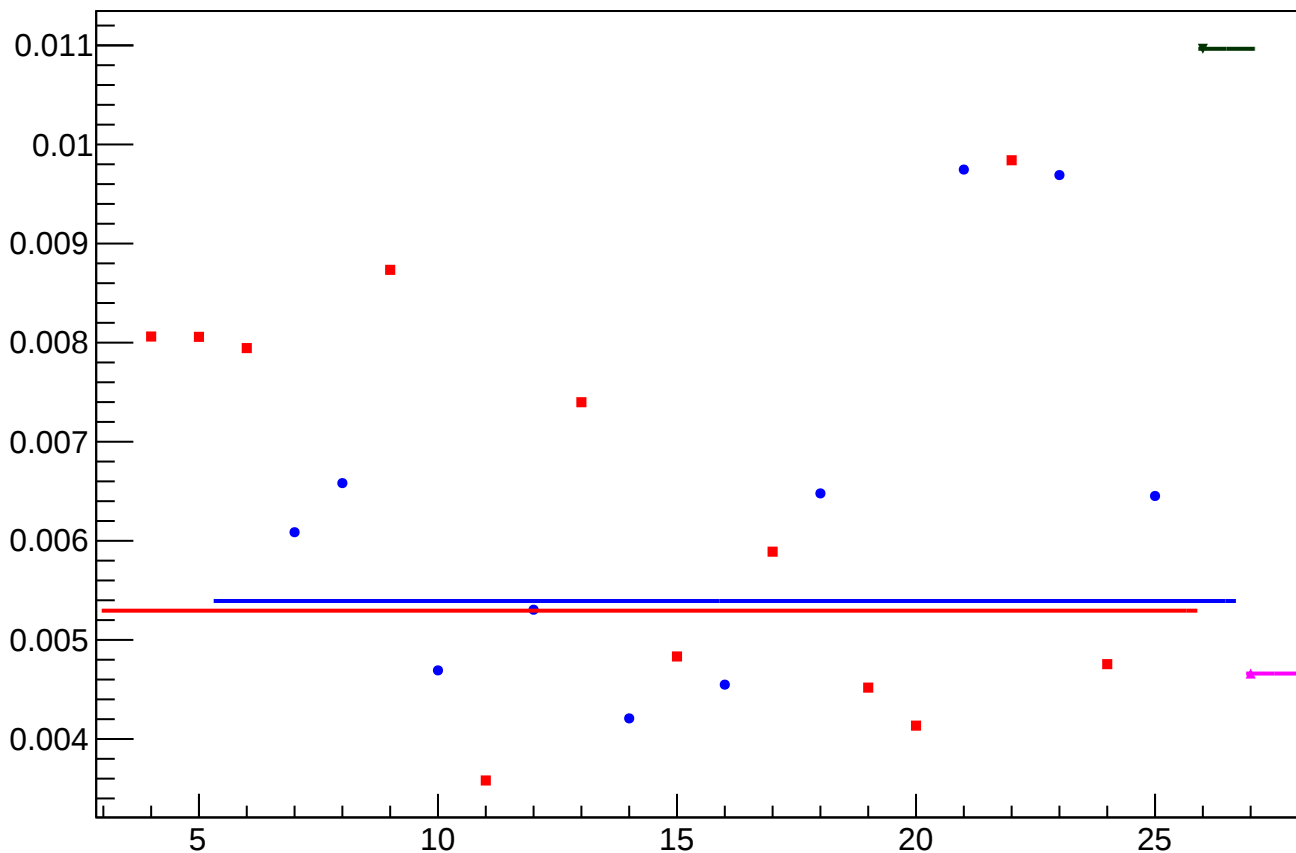
-0.021+/-0.000 χ^2/NDF : 1697154785.4/10

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.069+/-0.000 χ^2/NDF : 3223256504.6/12

Left In: -0.269+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 809148.4/9

Left Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

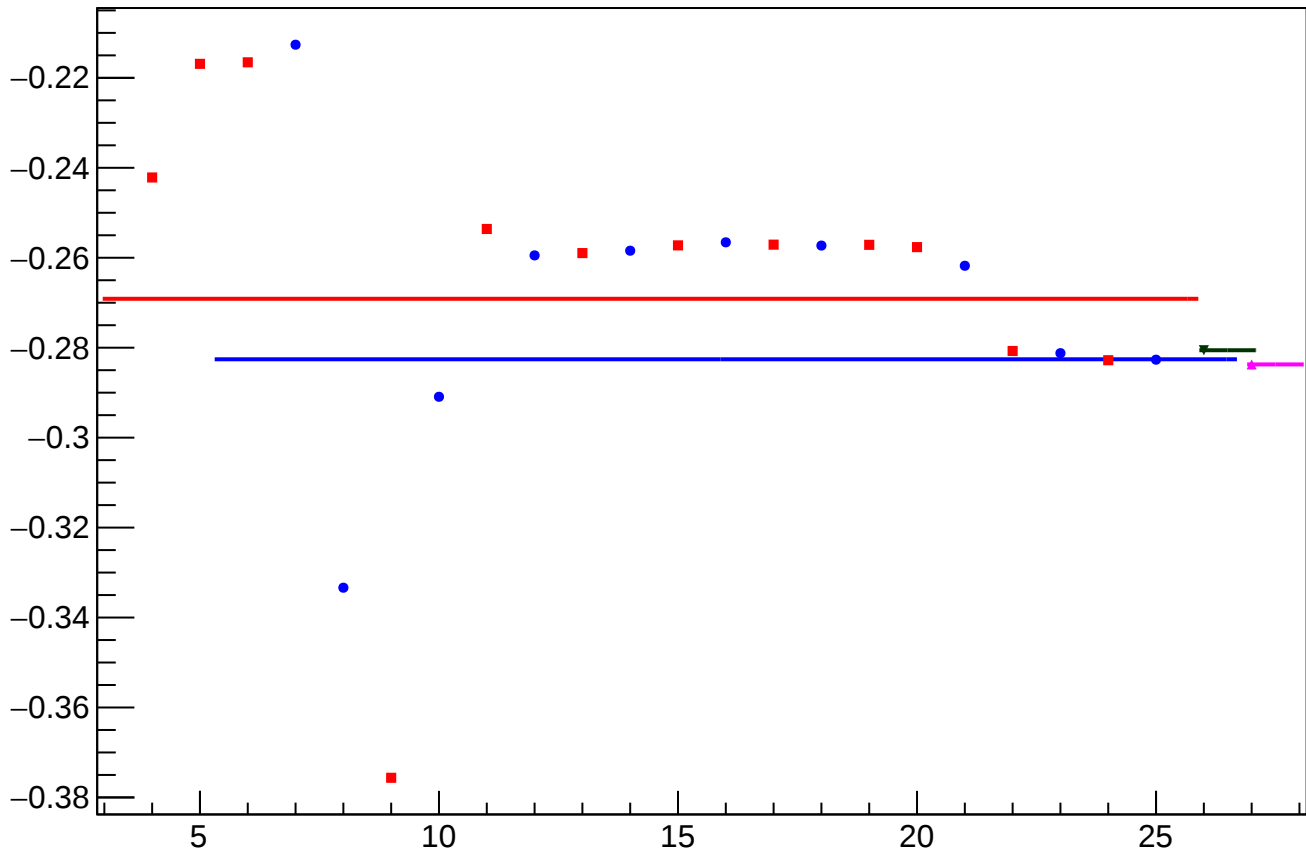
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1046608.5/10

0.005+/-0.000 χ^2/NDF : 1228835.9/12

yield_bpm16Y_mean vs slug



Right In: -0.283 ± 0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.281 ± 0.000 χ^2/NDF : 0.0/0

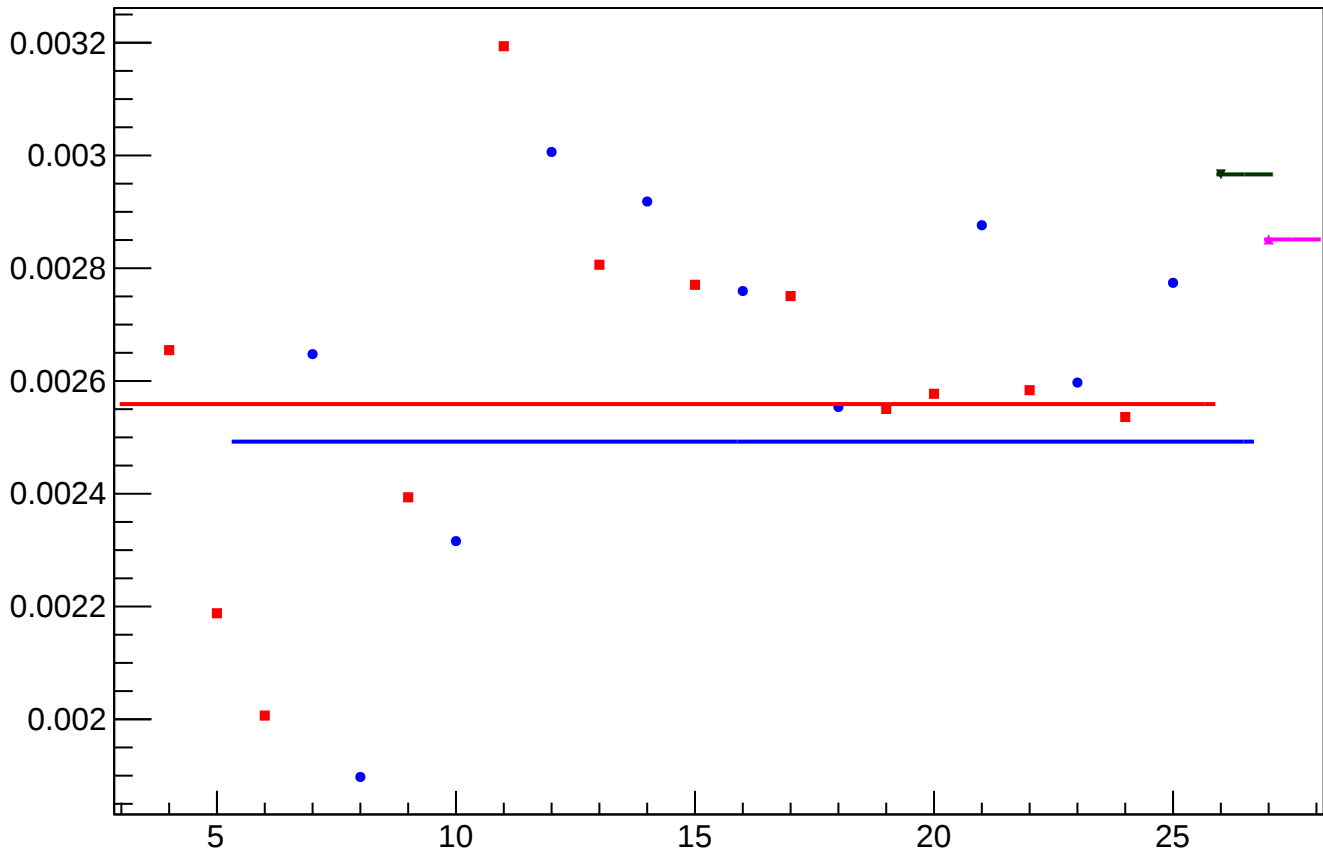
-0.282 ± 0.000 χ^2/NDF : 1067253290.0/10

Right Out: -0.269 ± 0.000 χ^2/NDF : 1935701786.6/11

-0.271 ± 0.000 χ^2/NDF : 1955459352.6/12

Left In: -0.284 ± 0.000 χ^2/NDF : 0.0/0

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 : 0.0/0

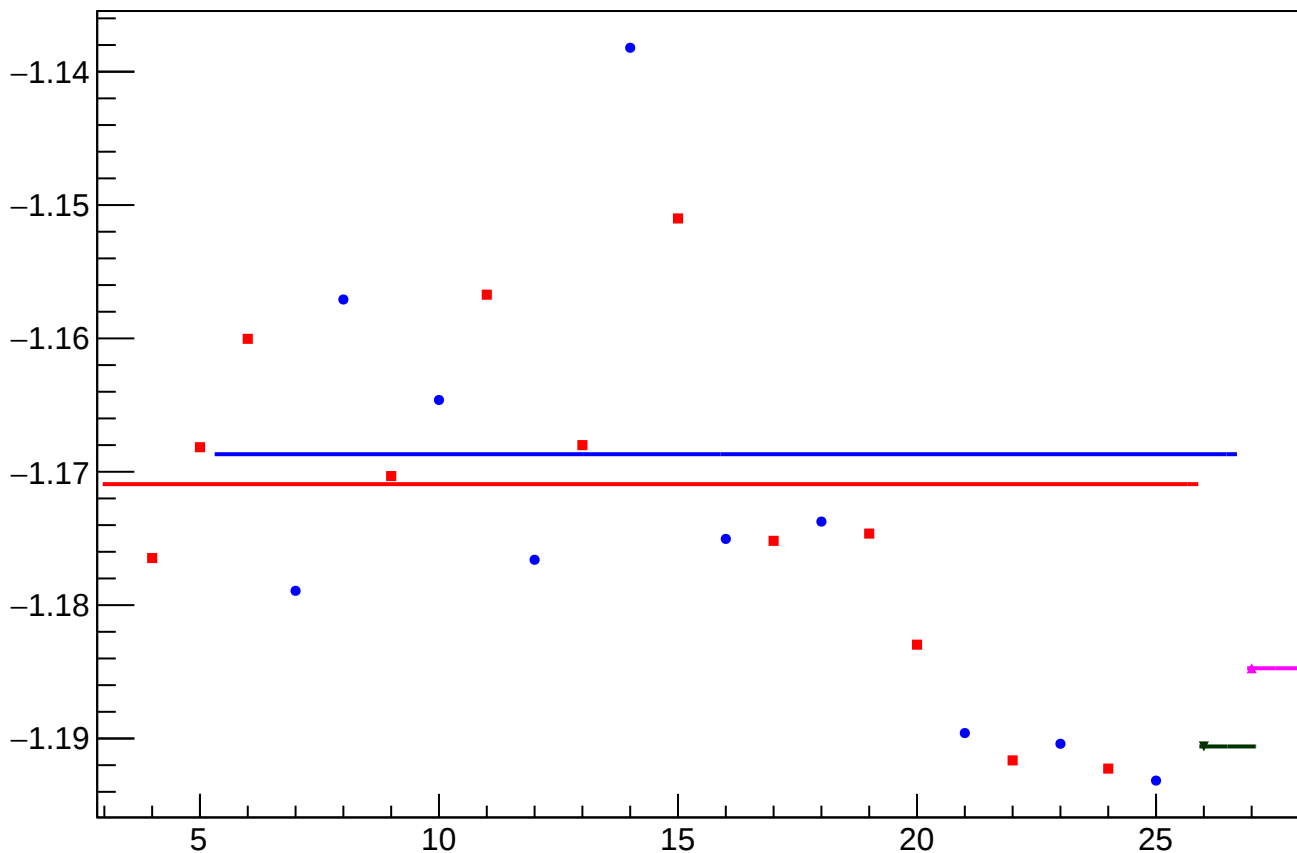
Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

Left In: 0.003+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 327395.4/10

0.003+/-0.000 χ^2/NDF : 192277.1/12

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.191+/-0.000 χ^2/NDF : 0.0/0

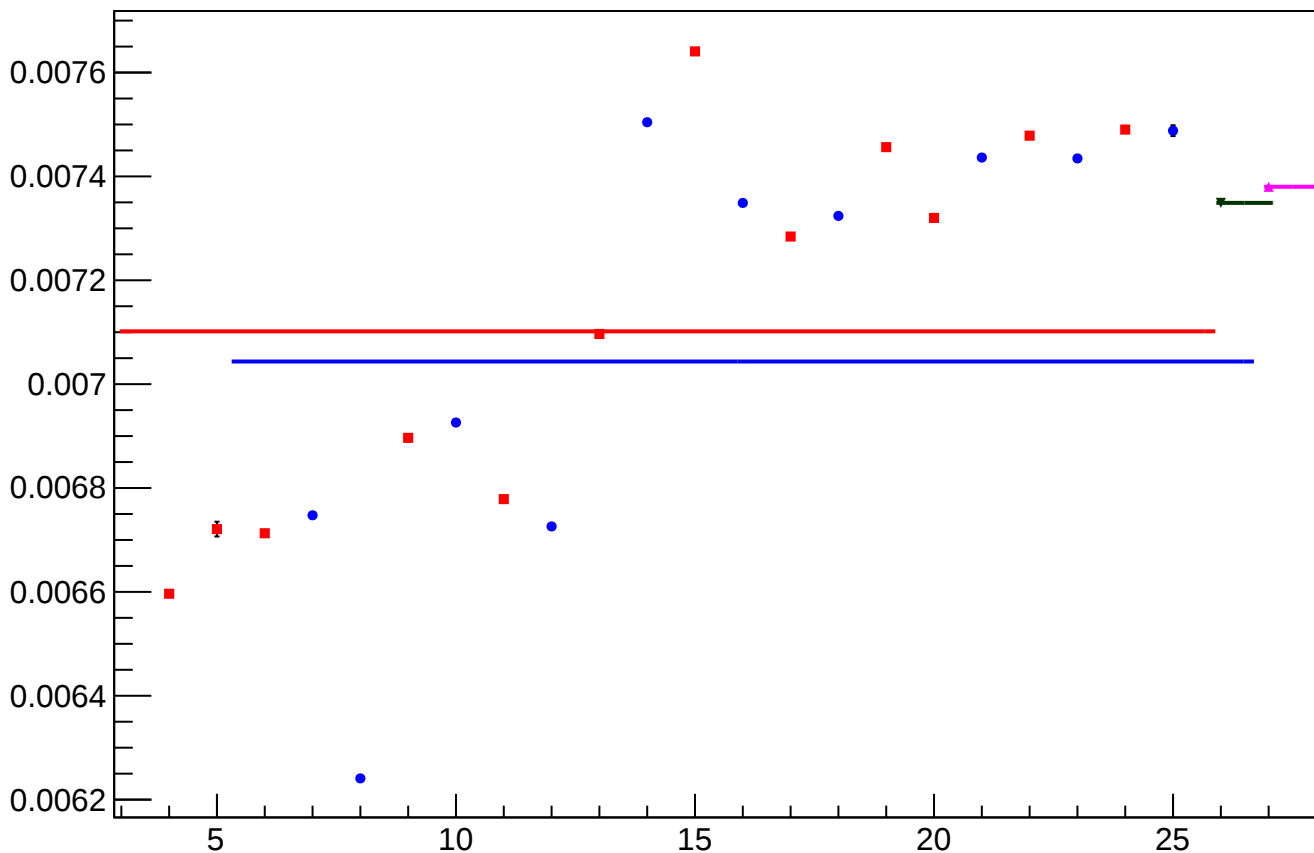
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.185+/-0.000 χ^2/NDF : 0.0/0

-1.170+/-0.000 χ^2/NDF : 39630870.2/10

-1.172+/-0.000 χ^2/NDF : 21438970.7/12

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54602.2/9

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

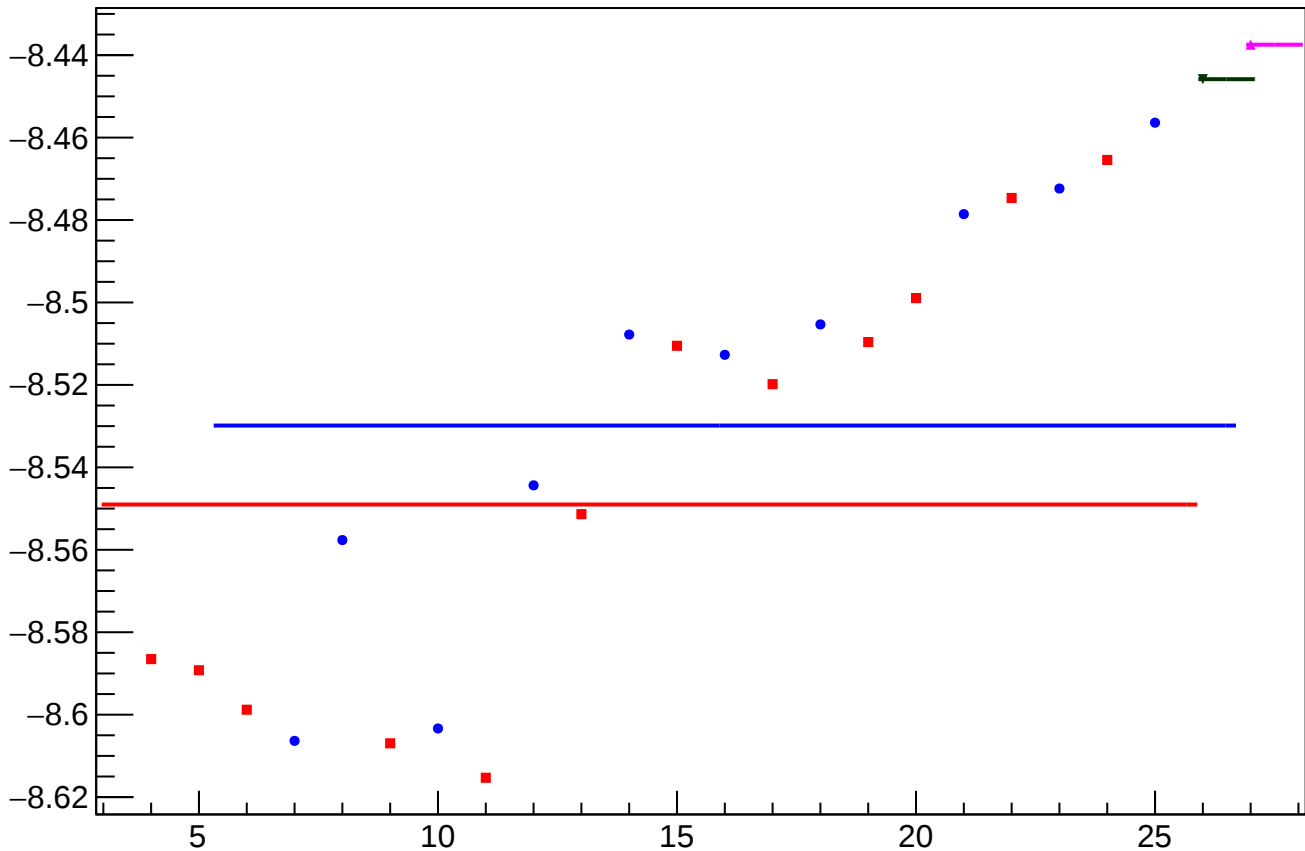
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 56194.8/10

0.007+/-0.000 χ^2/NDF : 30005.8/12

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.446+/-0.000 χ^2/NDF : 0.0/0

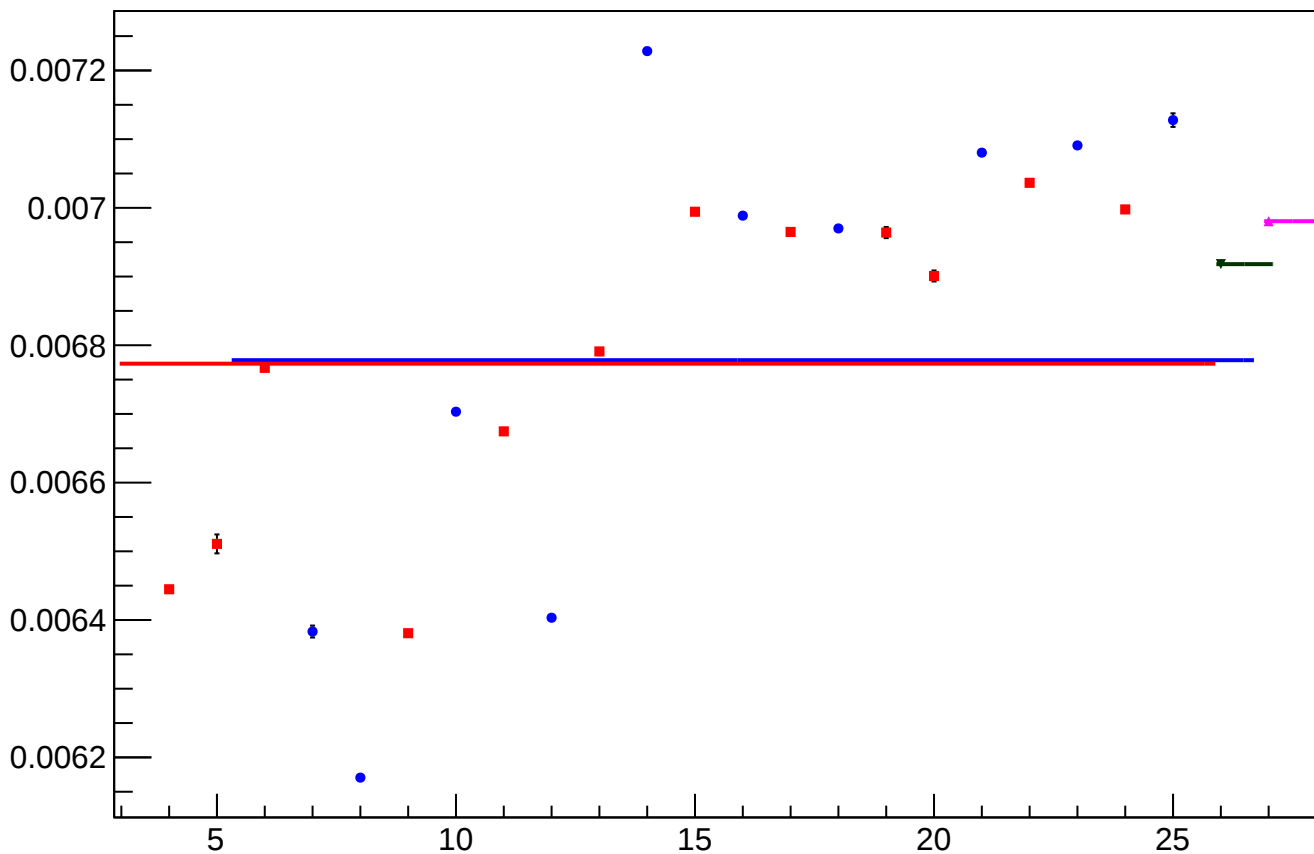
-8.524+/-0.000 χ^2/NDF : 348423710.8/10

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.536+/-0.000 χ^2/NDF : 573287997.4/12

Left In: -8.437+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 39850.7/9

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:0.0/0

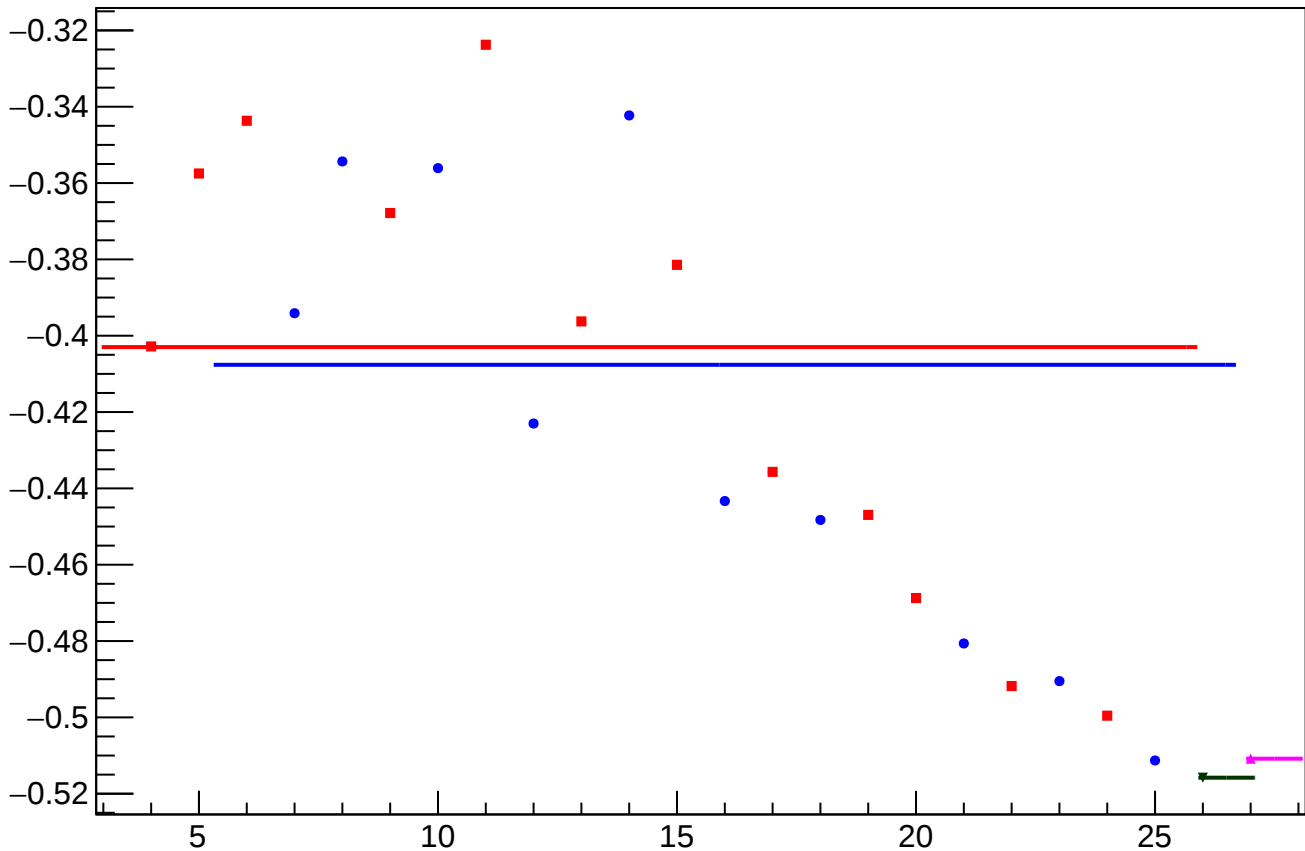
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 13957.5/11

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 40226.9/10

0.007 $\pm$ 0.000 χ^2 /NDF: 15299.4/12

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.516+/-0.000 χ^2/NDF : 0.0/0

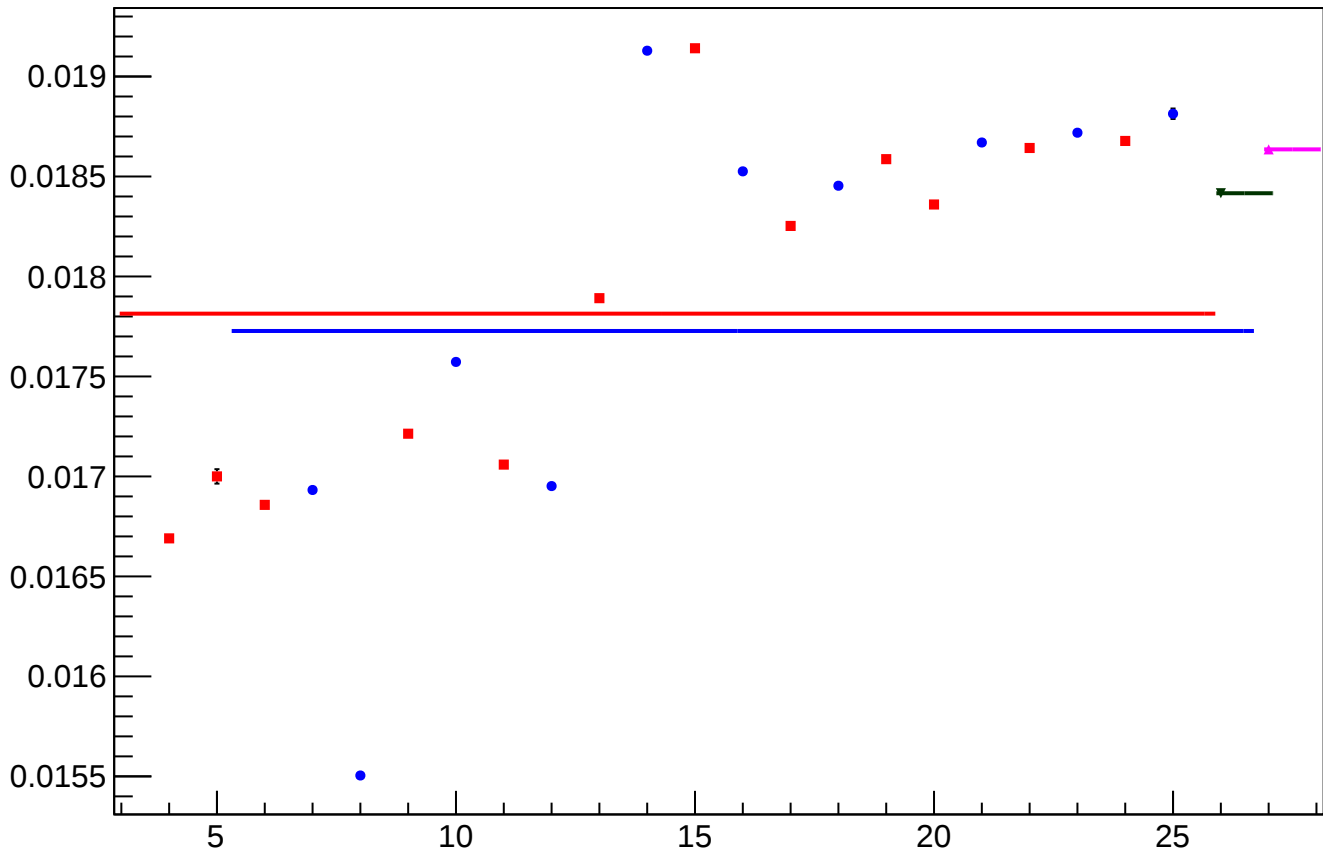
-0.415+/-0.000 χ^2/NDF : 80873368.8/10

Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

-0.415+/-0.000 χ^2/NDF : 87549373.4/12

Left In: -0.511+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 64790.3/9

Left Out: 0.018+/-0.000 χ^2/NDF : 0.0/0

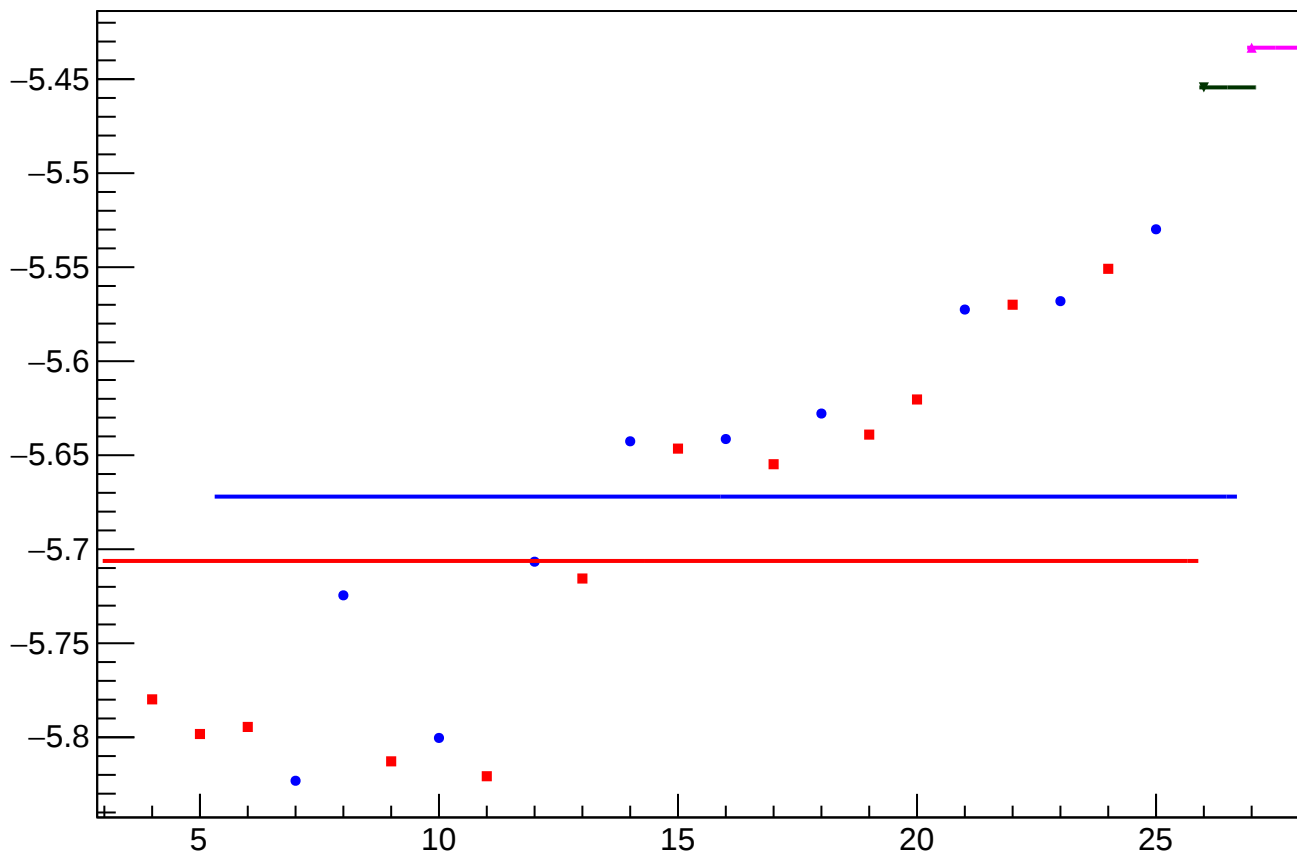
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.019+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 66079.5/10

0.018+/-0.000 χ^2/NDF : 27658.2/12

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.454+/-0.000 χ^2/NDF : 0.0/0

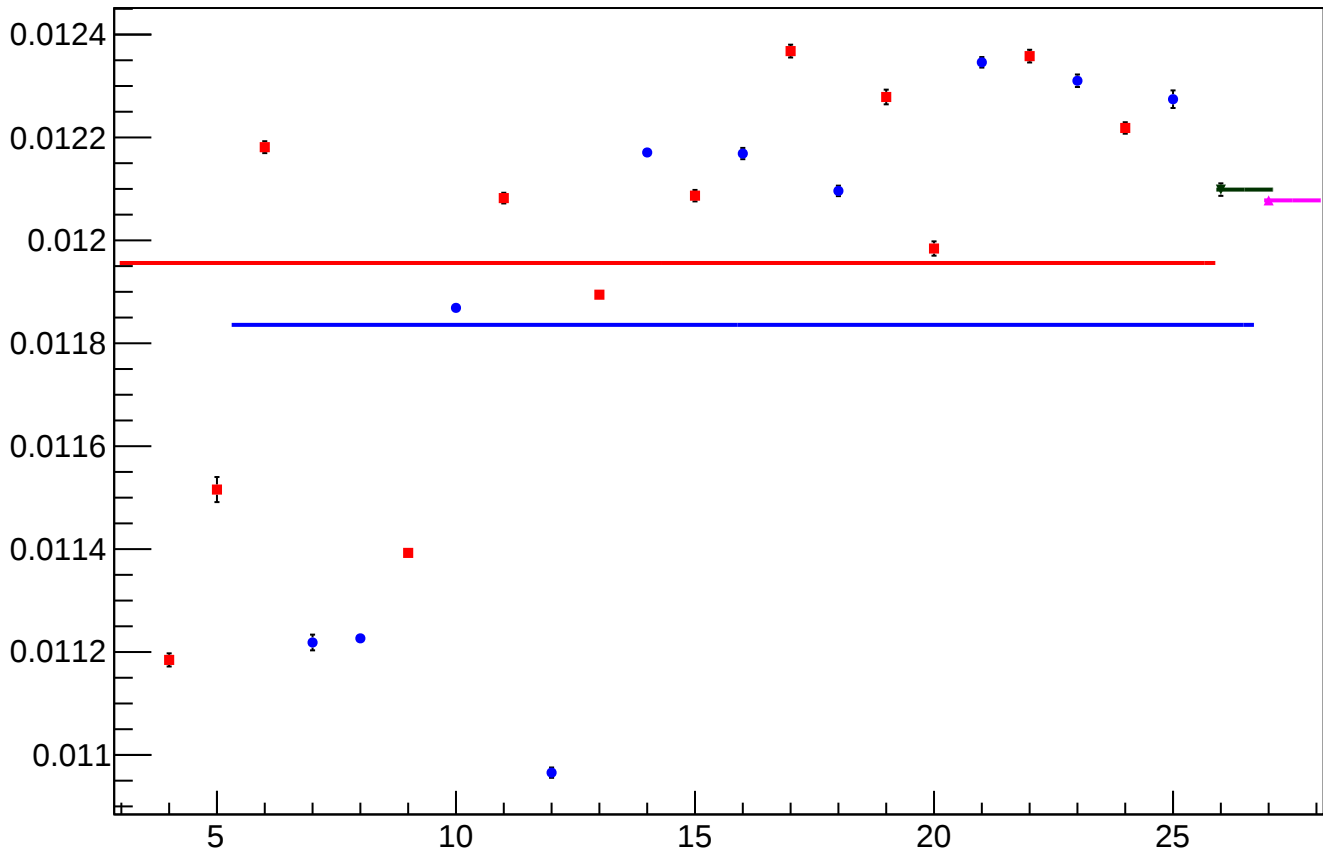
Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

Left In: -5.433+/-0.000 χ^2/NDF : 0.0/0

-5.657+/-0.000 χ^2/NDF : 457025487.6/10

-5.674+/-0.000 χ^2/NDF : 779292537.4/12

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 22267.5/9

Left Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

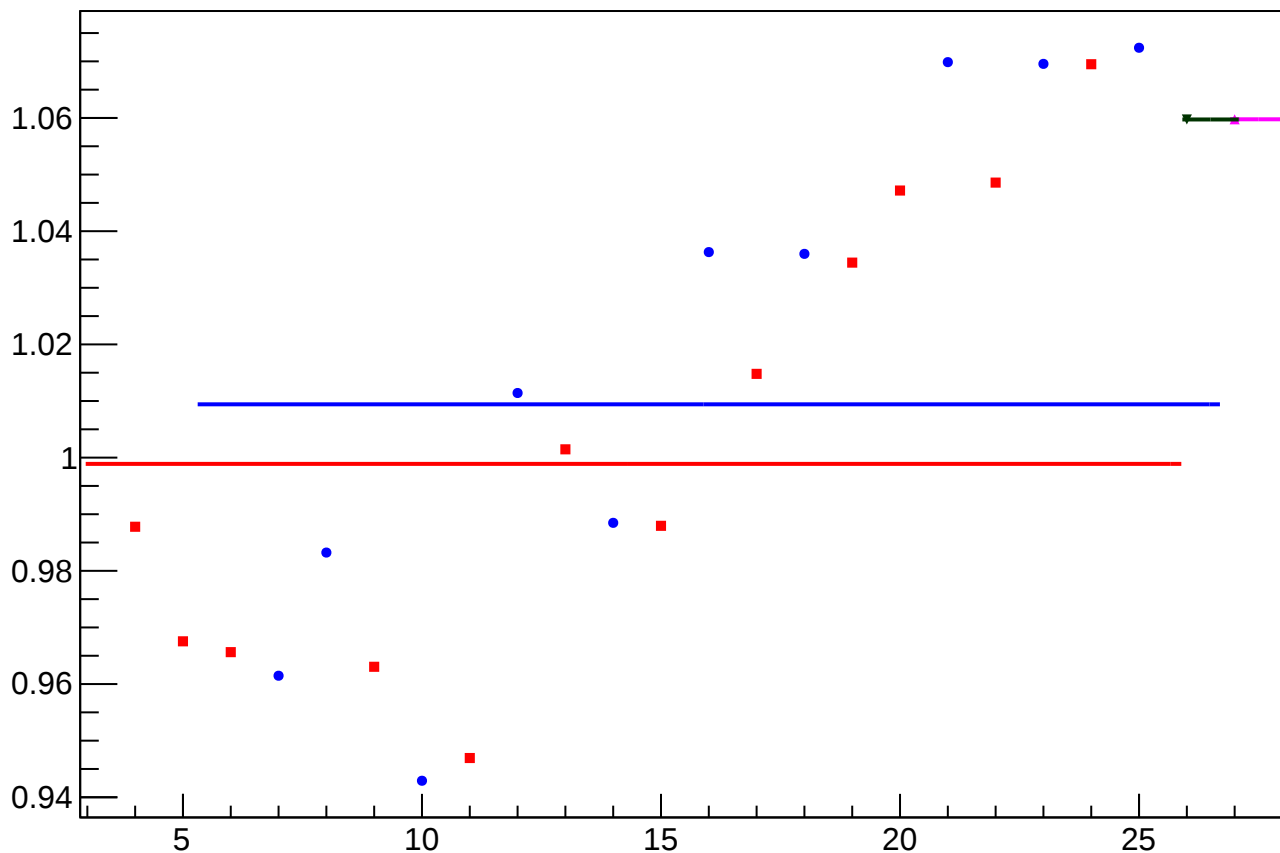
0.012+/-0.000 χ^2/NDF : 22702.5/10

Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

0.012+/-0.000 χ^2/NDF : 11863.0/12

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.060+/-0.000 χ^2/NDF : 0.0/0

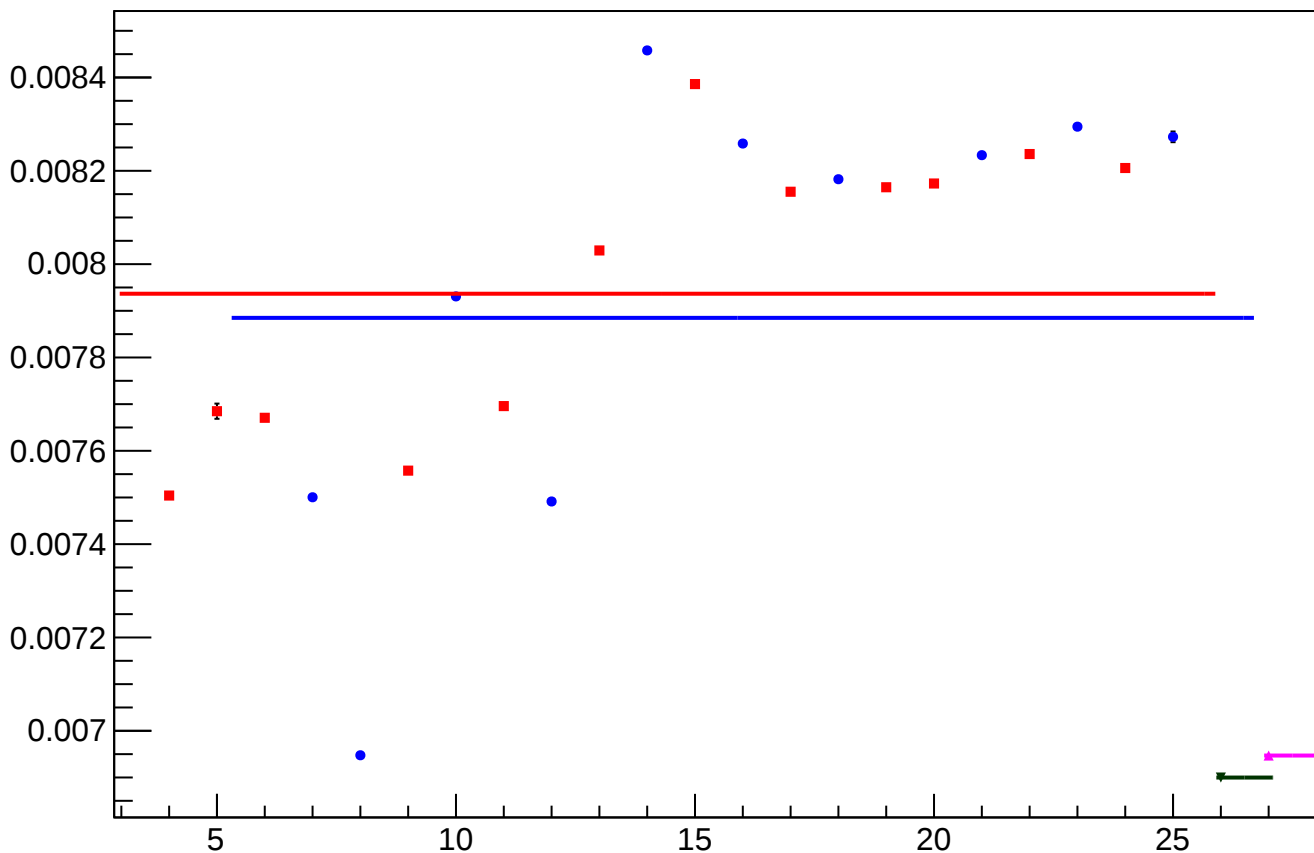
Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

Left In: 1.060+/-0.000 χ^2/NDF : 0.0/0

1.014+/-0.000 χ^2/NDF : 205990260.2/10

1.008+/-0.000 χ^2/NDF : 202574102.0/12

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 : 0.0/0

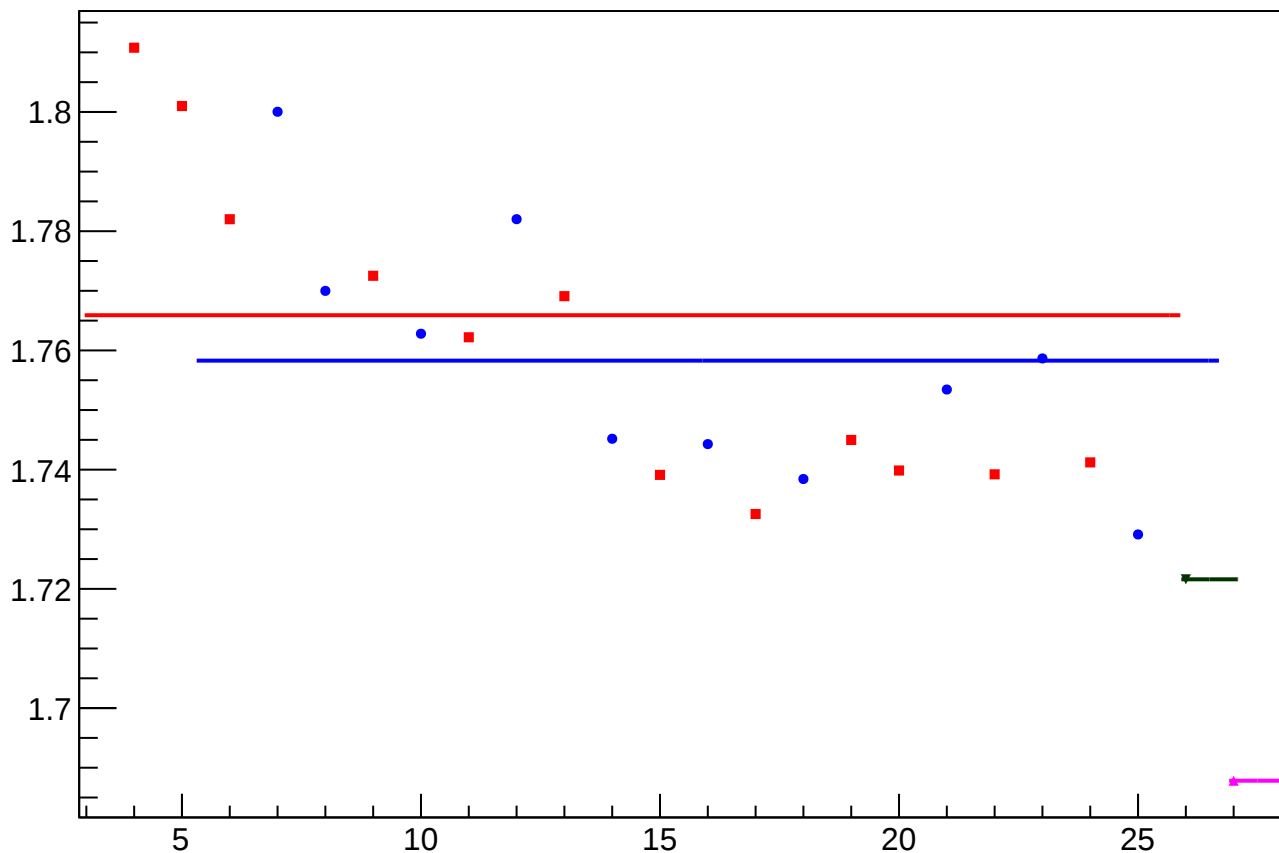
Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 76142.8/10

0.008+/-0.000 χ^2/NDF : 46505.2/12

yield_bpm1i04Y_mean vs slug



Right In: 1.758+/-0.000 χ^2/NDF : 25411176.0/9

Left Out: 1.722+/-0.000 χ^2/NDF : 0.0/0

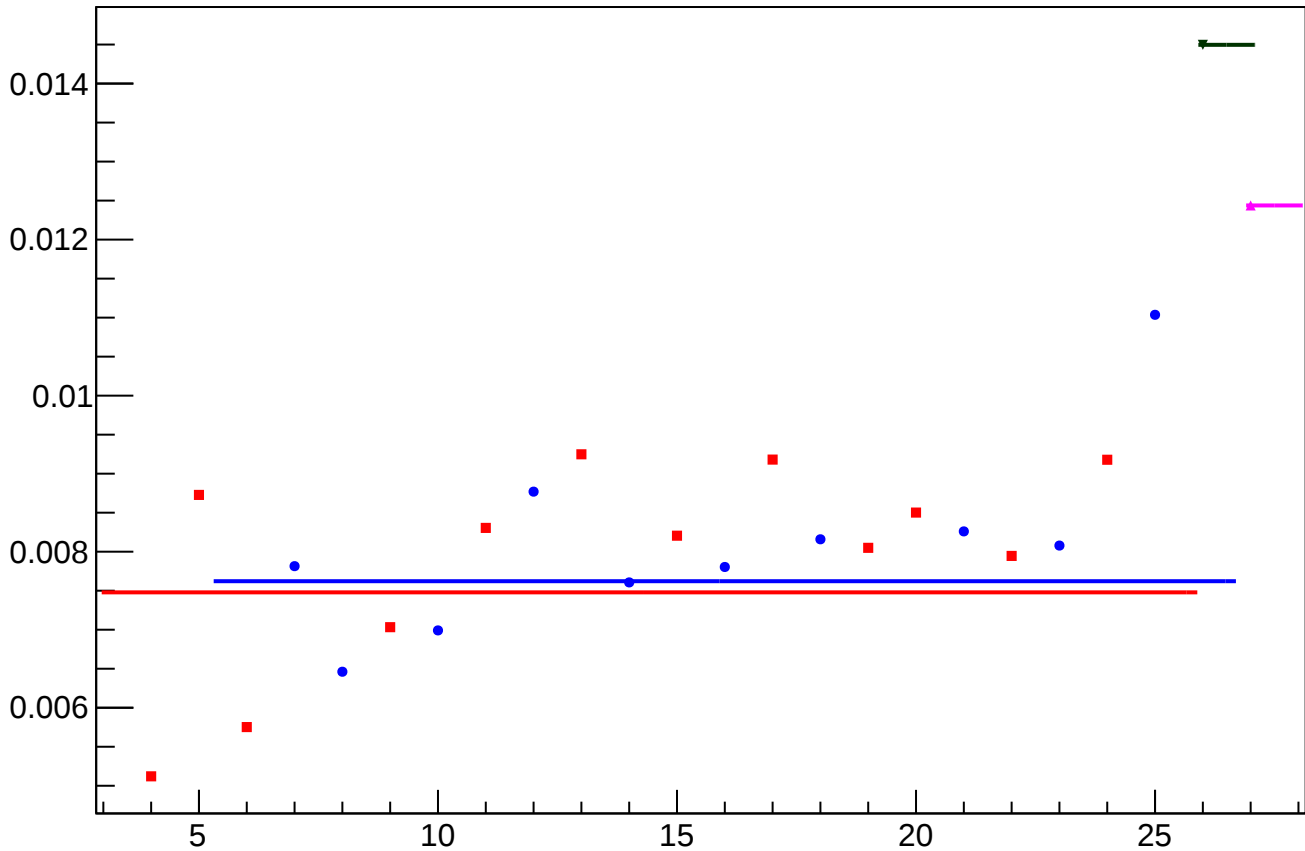
Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11

Left In: 1.688+/-0.000 χ^2/NDF : 0.0/0

1.758+/-0.000 χ^2/NDF : 28385571.1/10

1.763+/-0.000 χ^2/NDF : 89417572.2/12

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

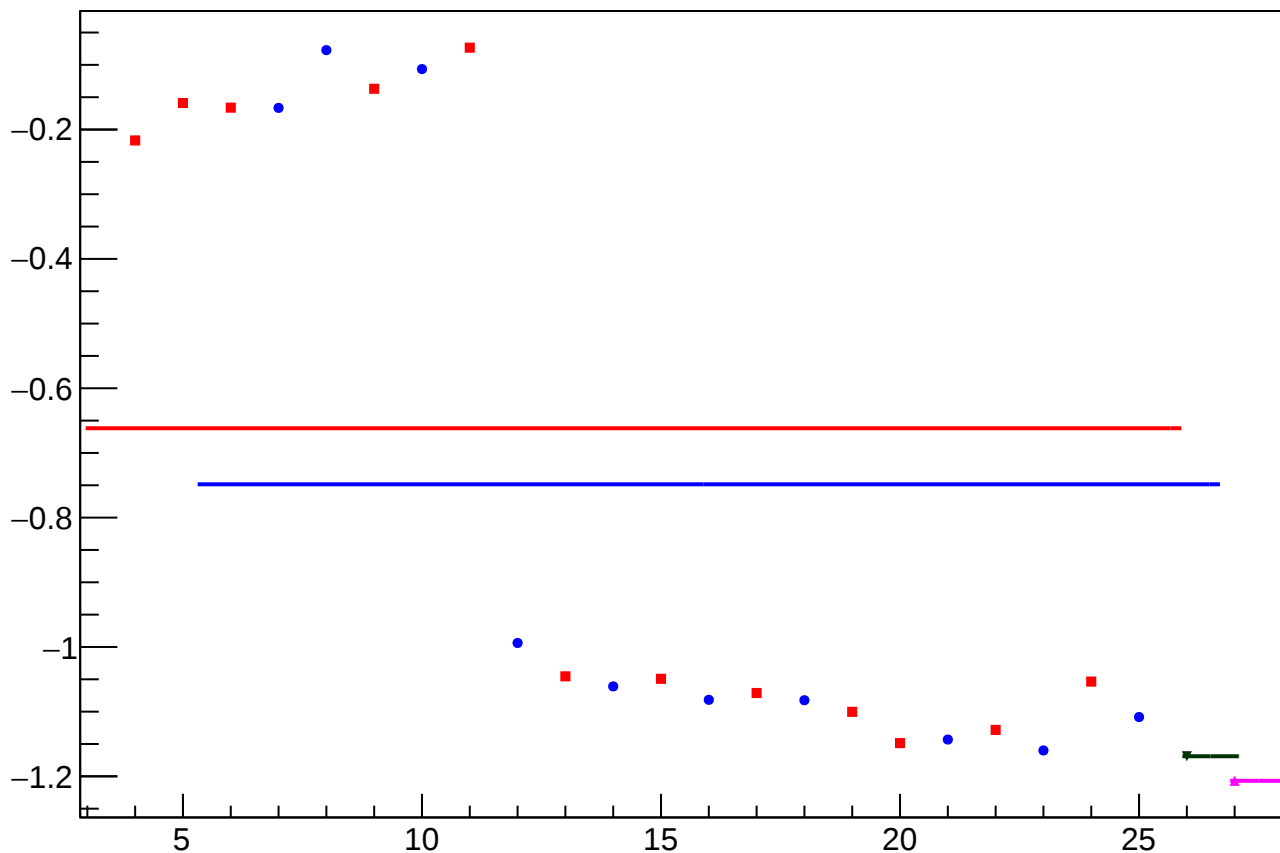
Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 361378.9/10

0.008+/-0.000 χ^2/NDF : 656363.9/12

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -1.169+/-0.000 χ^2/NDF : 0.0/0

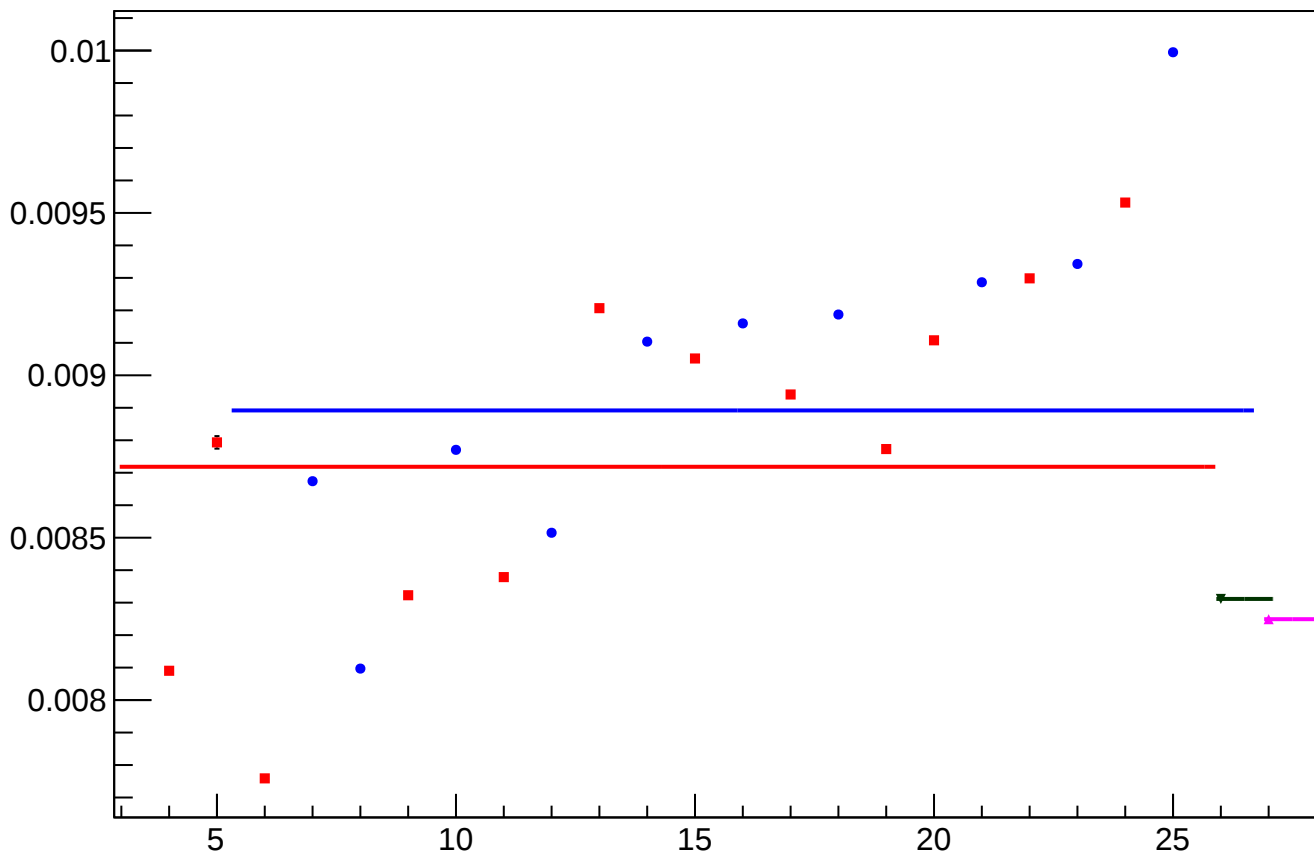
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -1.207+/-0.000 χ^2/NDF : 0.0/0

-0.782+/-0.000 χ^2/NDF : 18572129018.3/10

-0.732+/-0.000 χ^2/NDF : 20892072827.3/12

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 : 0.0/0

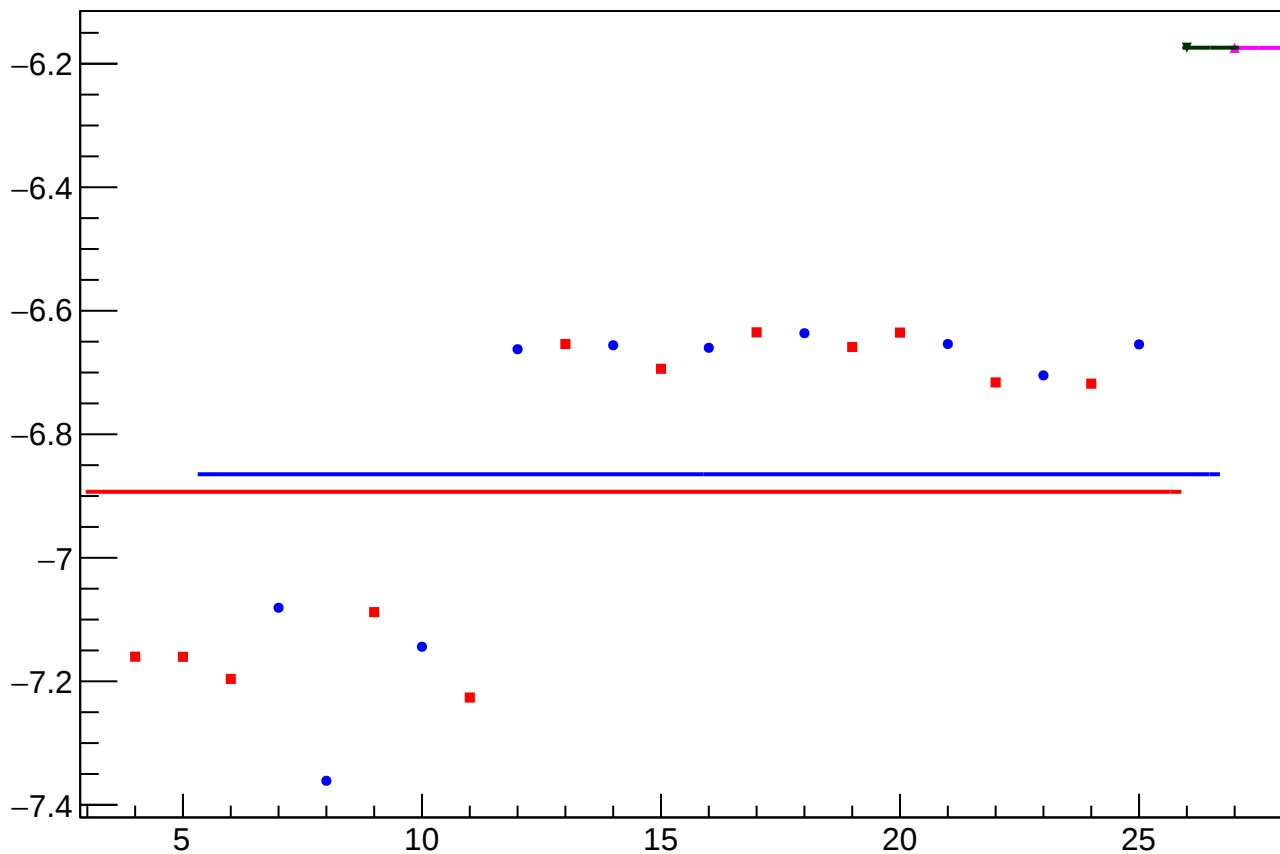
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 38652.9/10

0.009+/-0.000 χ^2/NDF : 52300.0/12

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.174+/-0.000 χ^2/NDF : 0.0/0

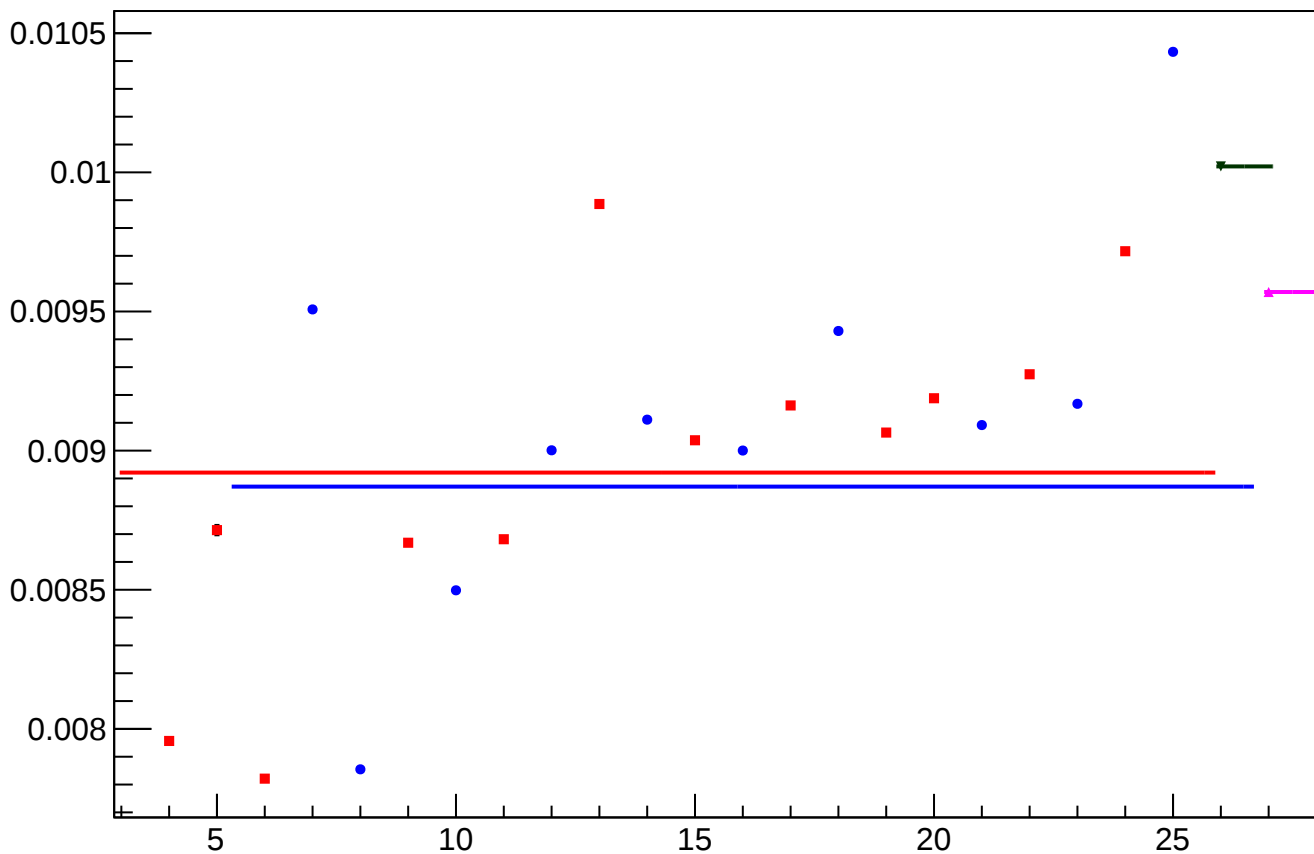
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.174+/-0.000 χ^2/NDF : 0.0/0

-6.826+/-0.000 χ^2/NDF : 8758609551.8/10

-6.819+/-0.000 χ^2/NDF : 8806184898.2/12

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 : 0.0/0

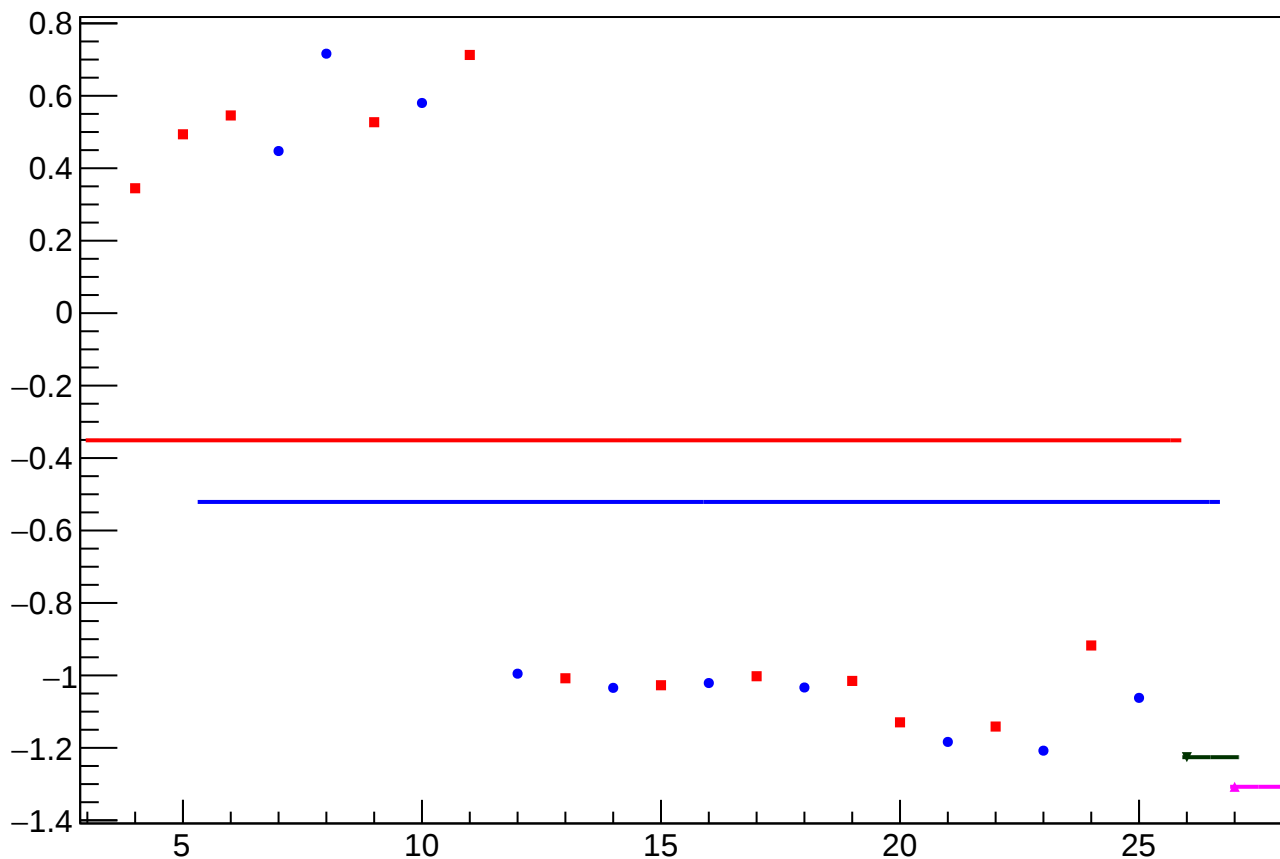
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 65822.9/10

0.009+/-0.000 χ^2/NDF : 67883.2/12

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -1.226+/-0.000 χ^2/NDF : 0.0/0

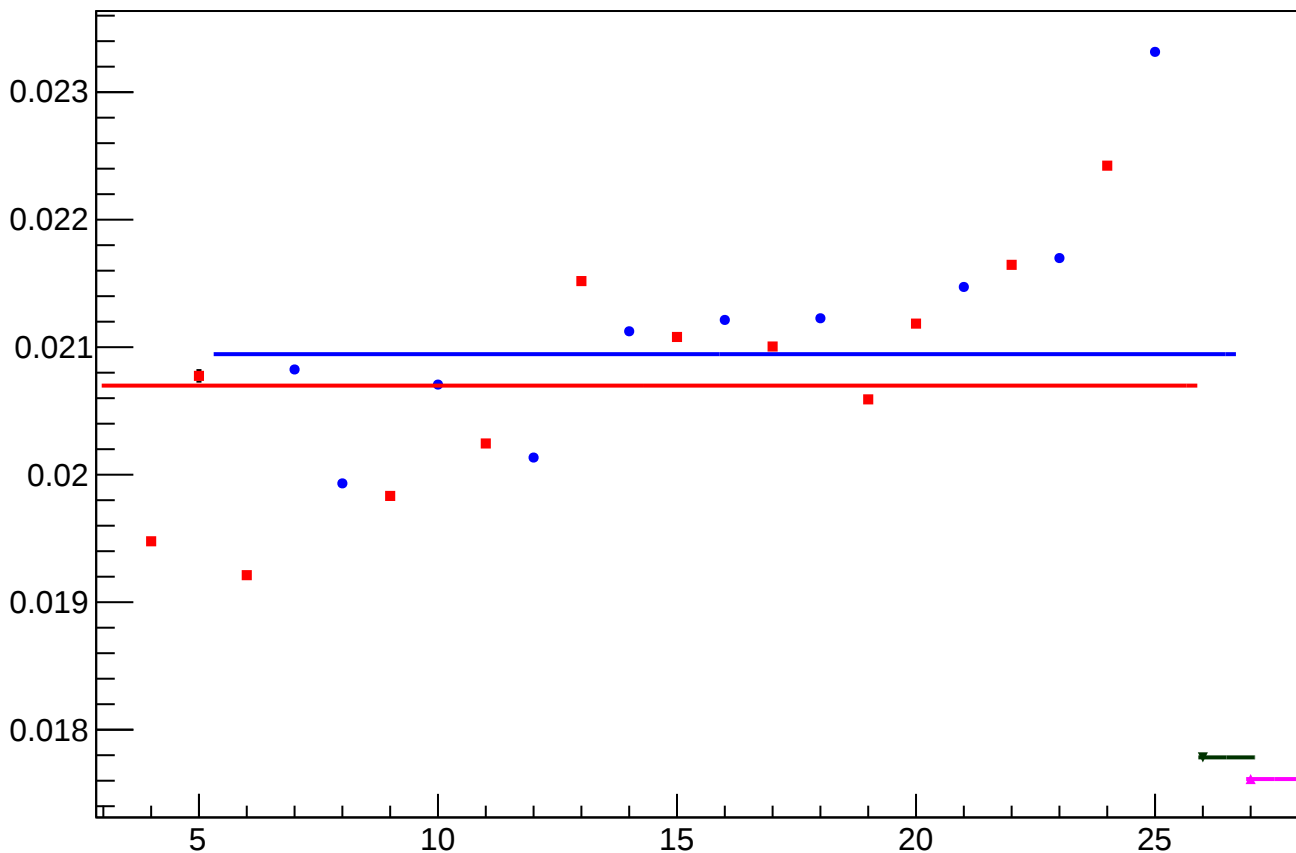
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -1.307+/-0.000 χ^2/NDF : 0.0/0

-0.589+/-0.000 χ^2/NDF : 9910541326.1/10

-0.500+/-0.000 χ^2/NDF : 11058593483.0/12

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 : 0.0/0

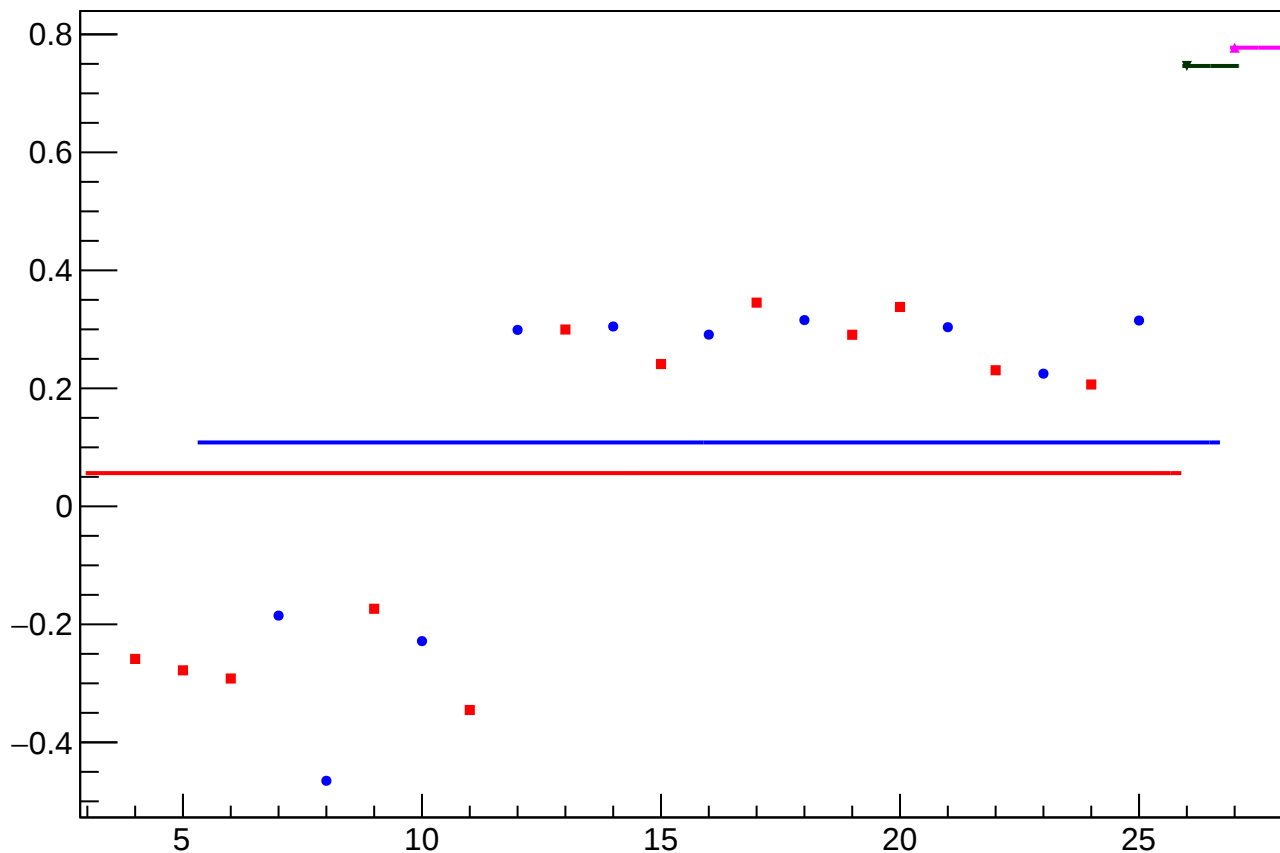
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.018+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 42349.7/10

0.020+/-0.000 χ^2/NDF : 68654.1/12

yield_bpm0l02Y_mean vs slug



Right In: 0.108 $\pm$ 0.000 χ^2 /NDF: 3631955649.9/9

Left Out: 0.746 $\pm$ 0.000 χ^2 /NDF: 0.0/0

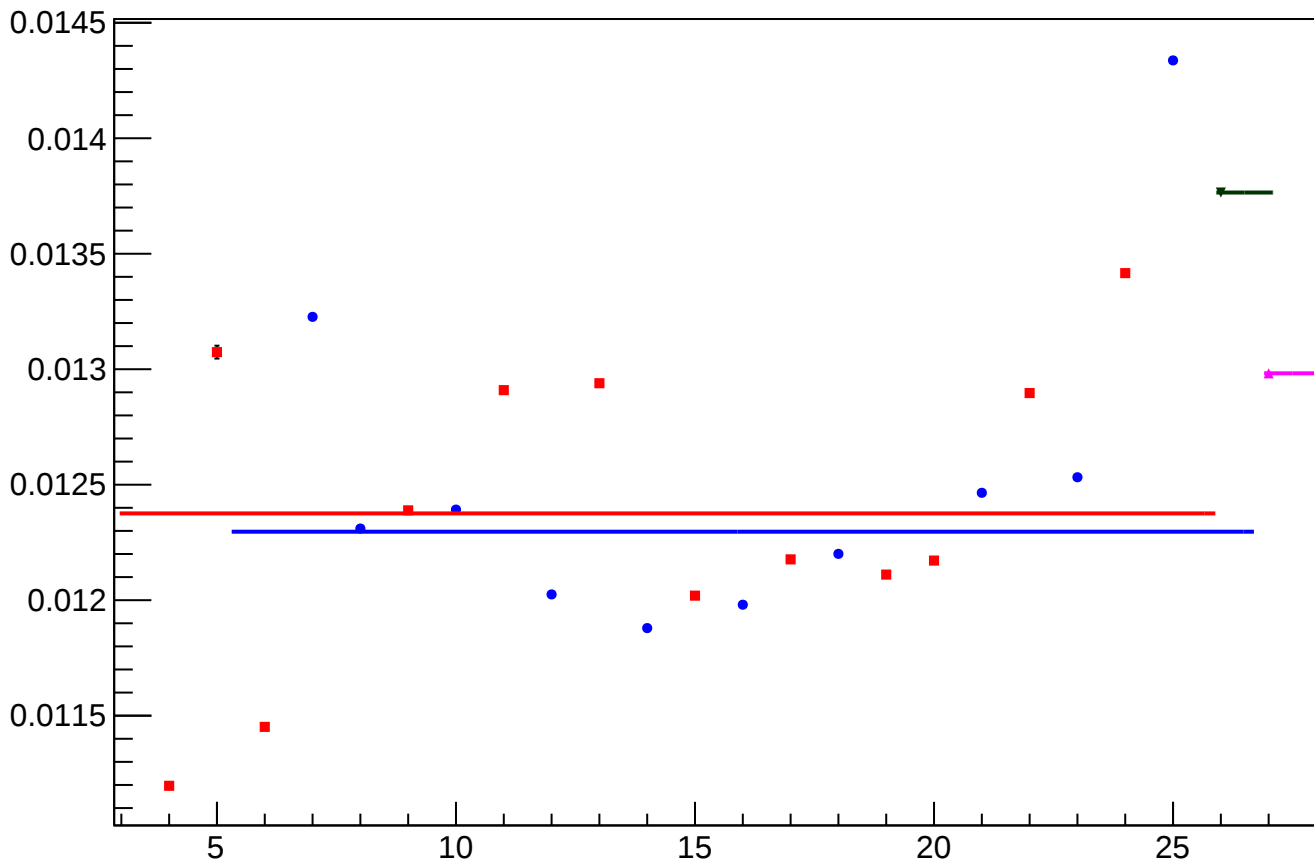
Right Out: 0.056 $\pm$ 0.000 χ^2 /NDF: 2963825797.0/11

Left In: 0.777 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.145 $\pm$ 0.000 χ^2 /NDF: 4605641340.9/10

0.134 $\pm$ 0.000 χ^2 /NDF: 5197436441.7/12

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 17281.6/9

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 0.0/0

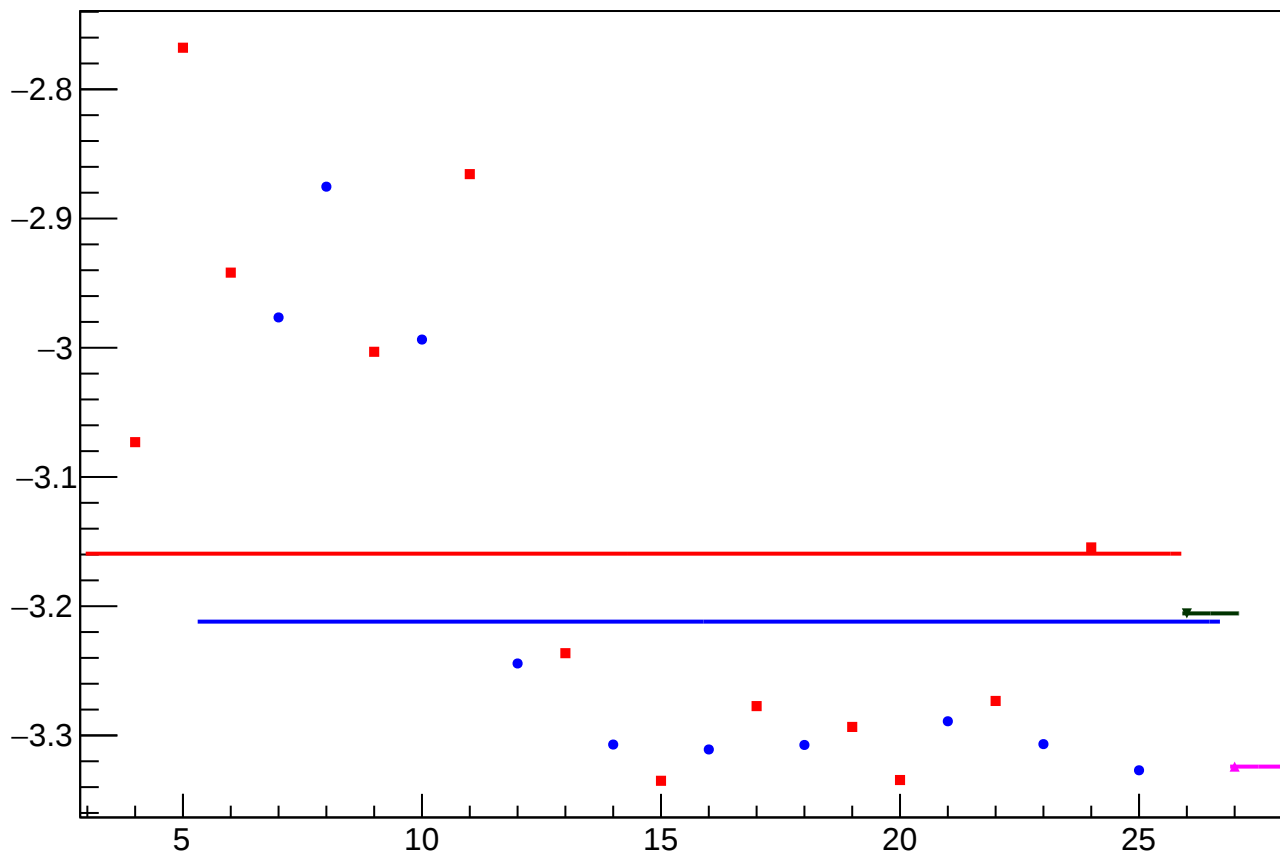
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 31560.7/11

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 27593.5/10

0.012 $\pm$ 0.000 χ^2 /NDF: 34721.4/12

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.206+/-0.000 χ^2/NDF : 0.0/0

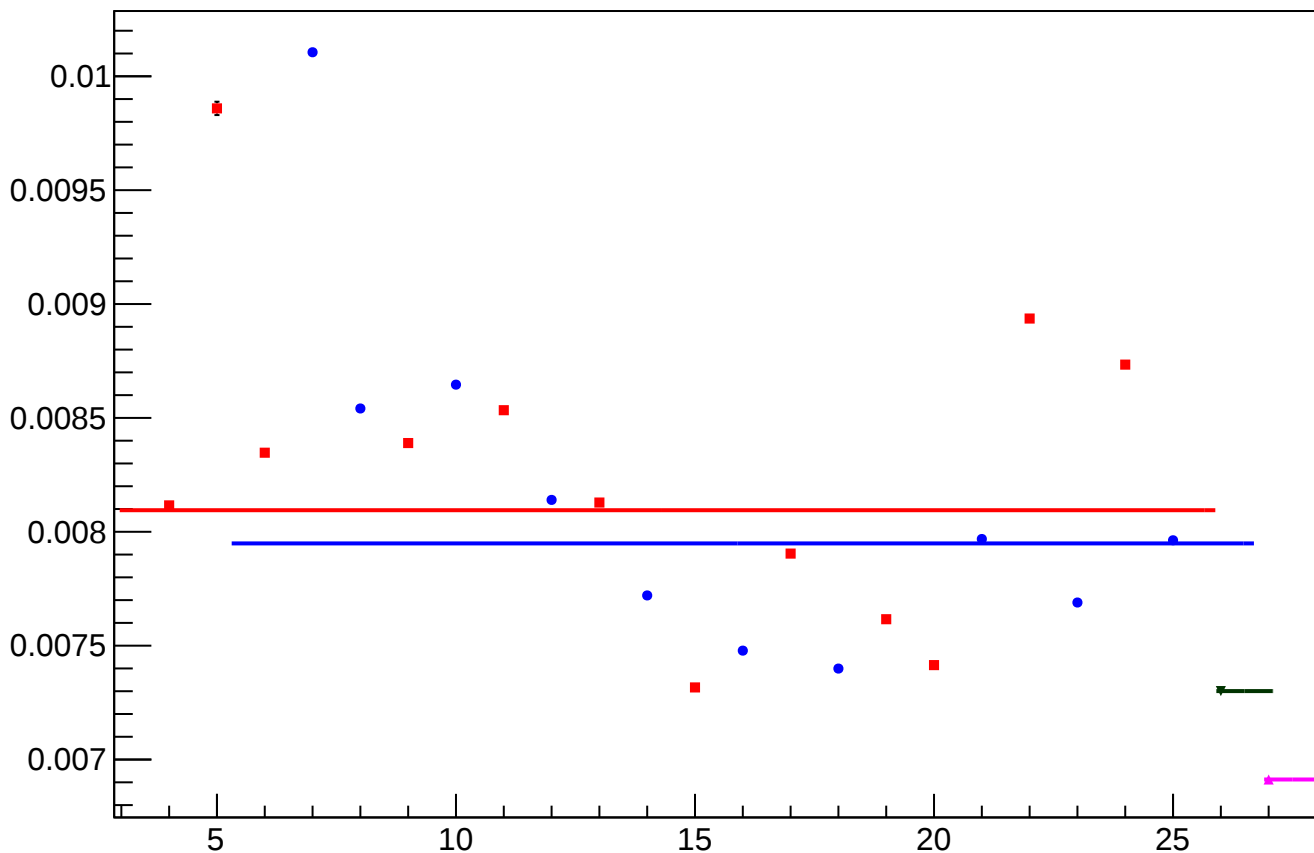
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.324+/-0.000 χ^2/NDF : 0.0/0

-3.211+/-0.000 χ^2/NDF : 2232303850.6/10

-3.186+/-0.000 χ^2/NDF : 2540799315.9/12

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 42380.1/9

Left Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

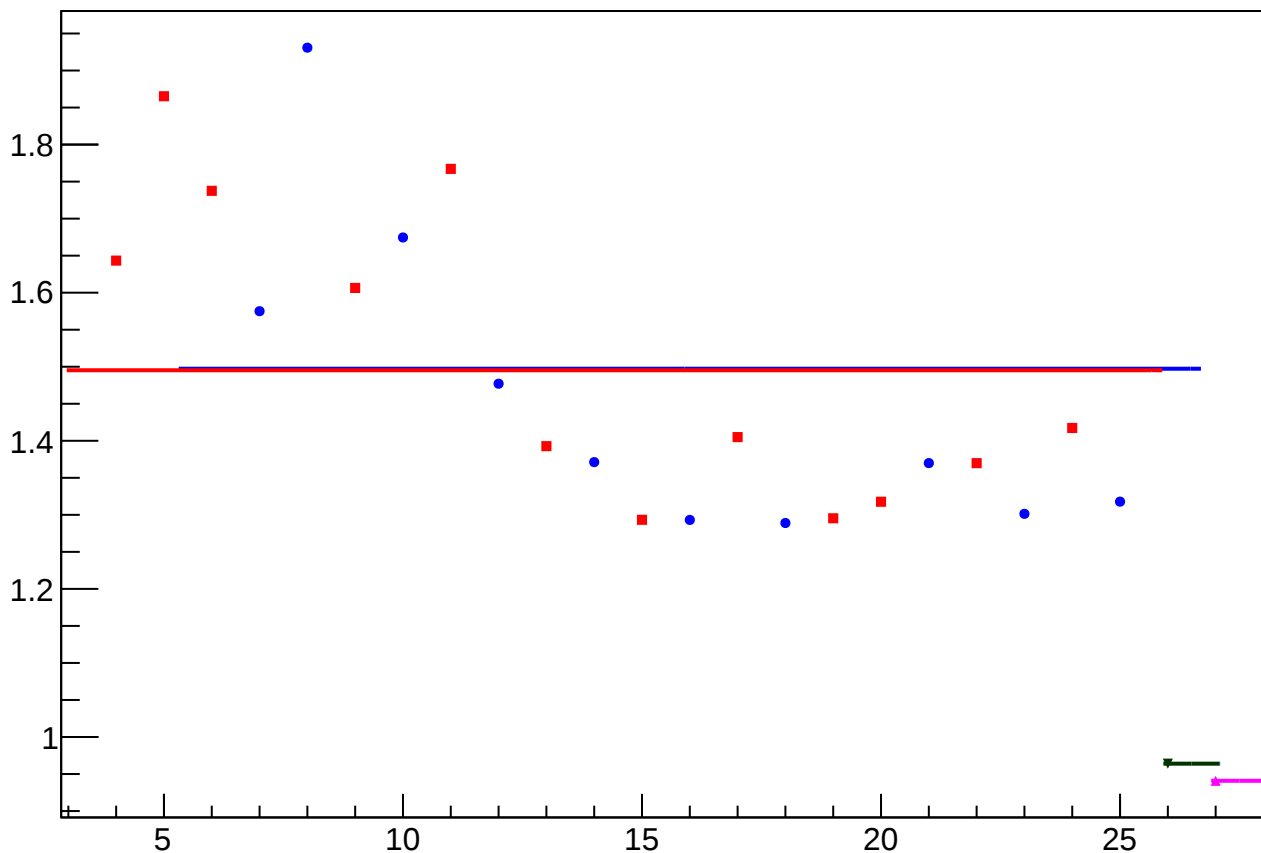
Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 48468.3/10

0.008+/-0.000 χ^2/NDF : 77376.5/12

yield_bpm0l03Y_mean vs slug



Right In: 1.497 $\pm$ 0.000 χ^2 /NDF: 5019721758.5/9

Left Out: 0.964 $\pm$ 0.000 χ^2 /NDF:0.0/0

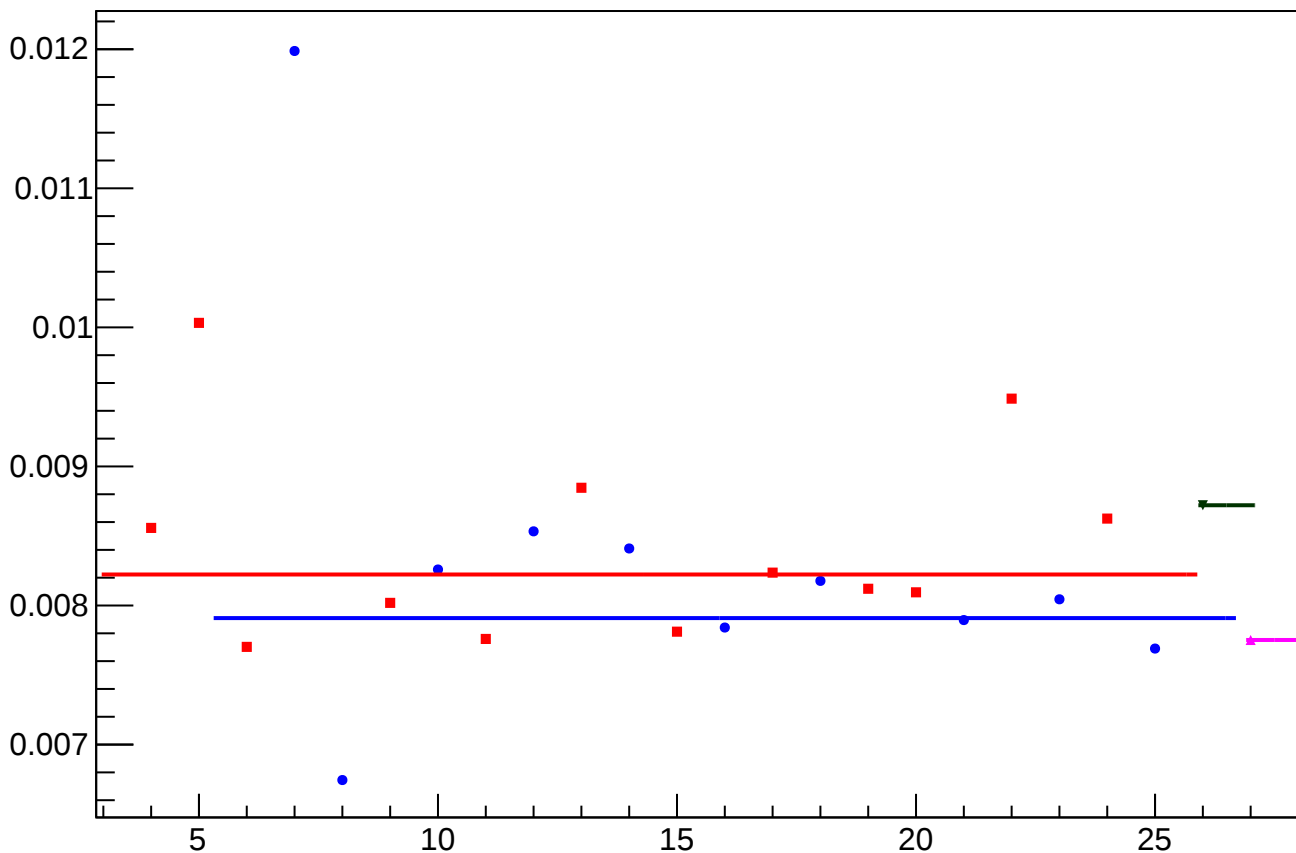
Right Out: 1.495 $\pm$ 0.000 χ^2 /NDF: 2404671234.5/11

Left In: 0.941 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.466 $\pm$ 0.000 χ^2 /NDF: 6483431688.5/10

1.420 $\pm$ 0.000 χ^2 /NDF: 5567348286.0/12

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91526.9/9

Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

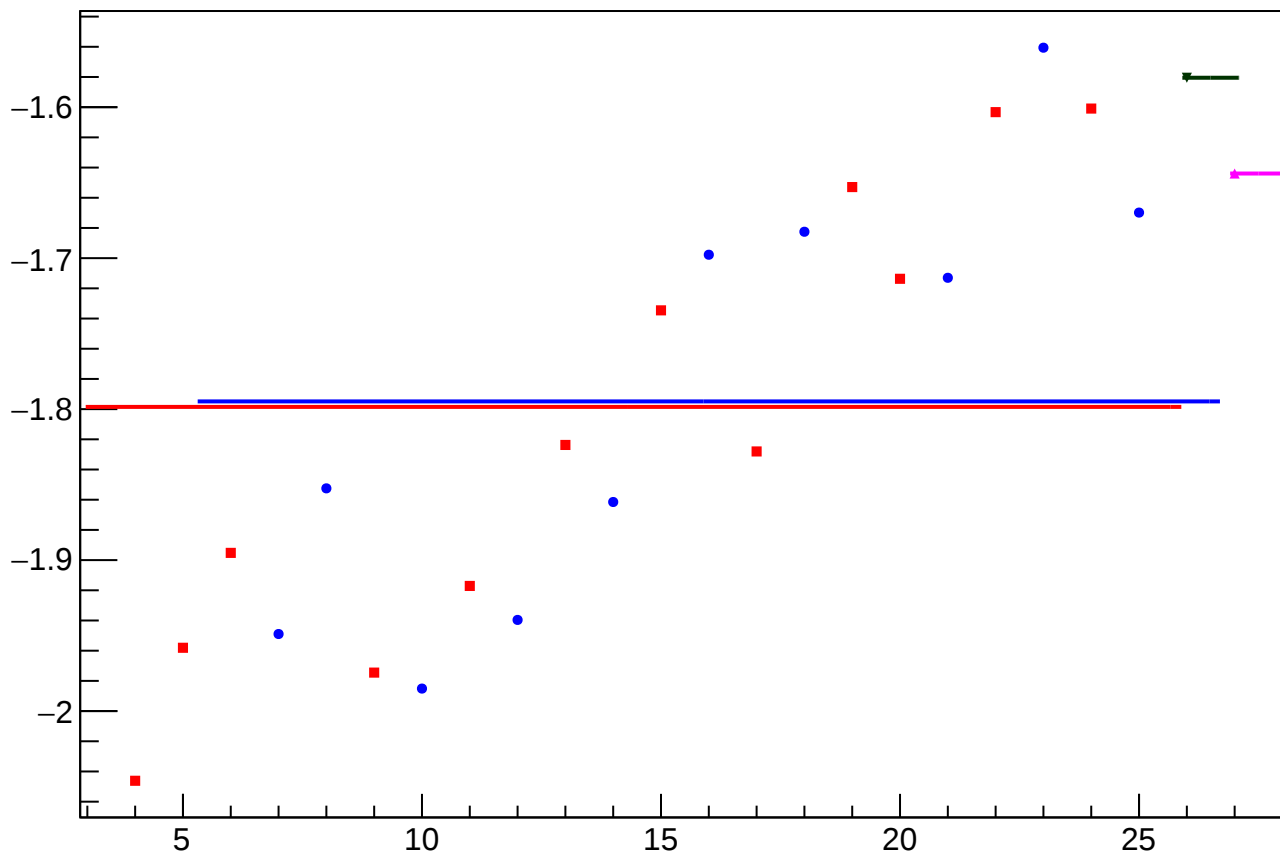
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 98302.2/10

0.008+/-0.000 χ^2/NDF : 42732.1/12

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.581+/-0.000 χ^2/NDF : 0.0/0

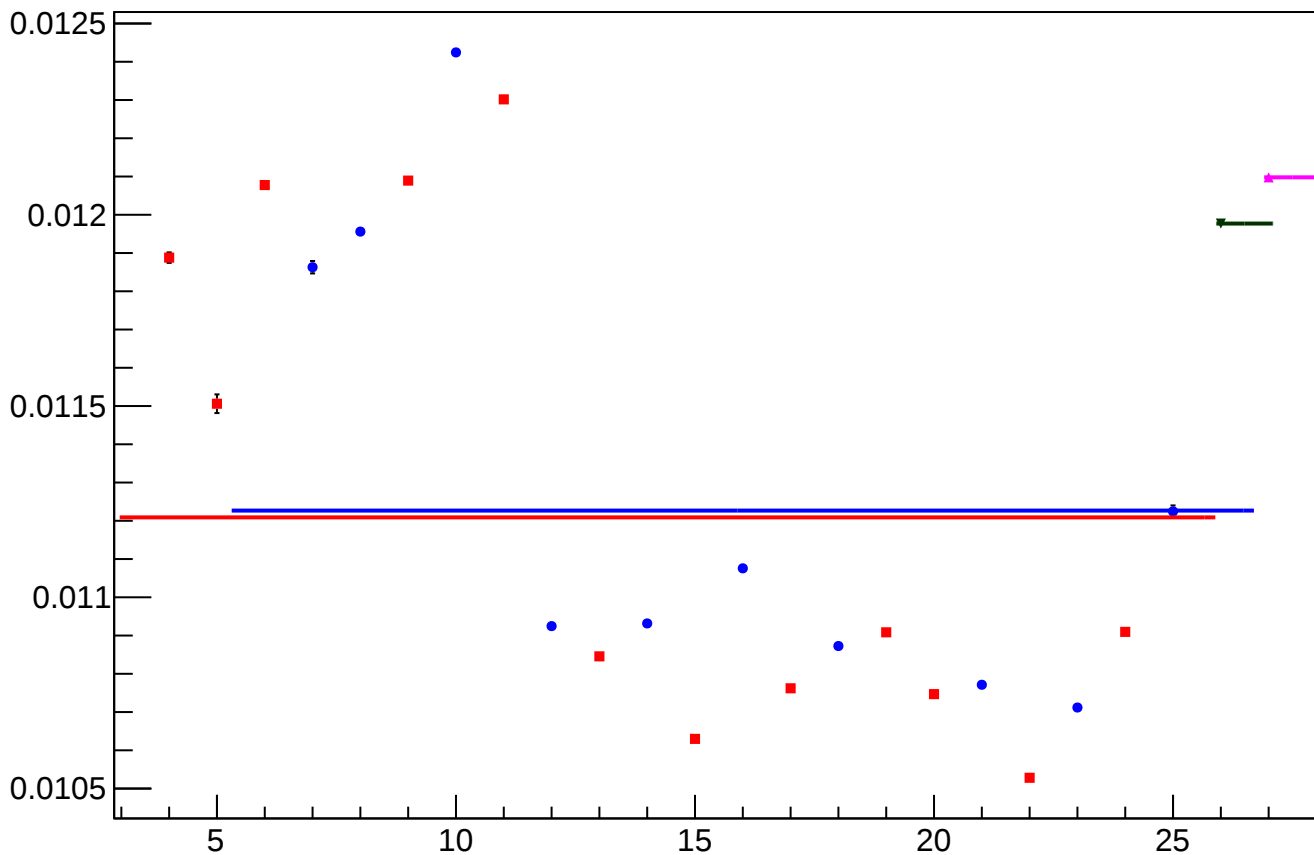
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.644+/-0.000 χ^2/NDF : 0.0/0

-1.781+/-0.000 χ^2/NDF : 982153000.7/10

-1.783+/-0.000 χ^2/NDF : 1053314508.8/12

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 : 0.0/0

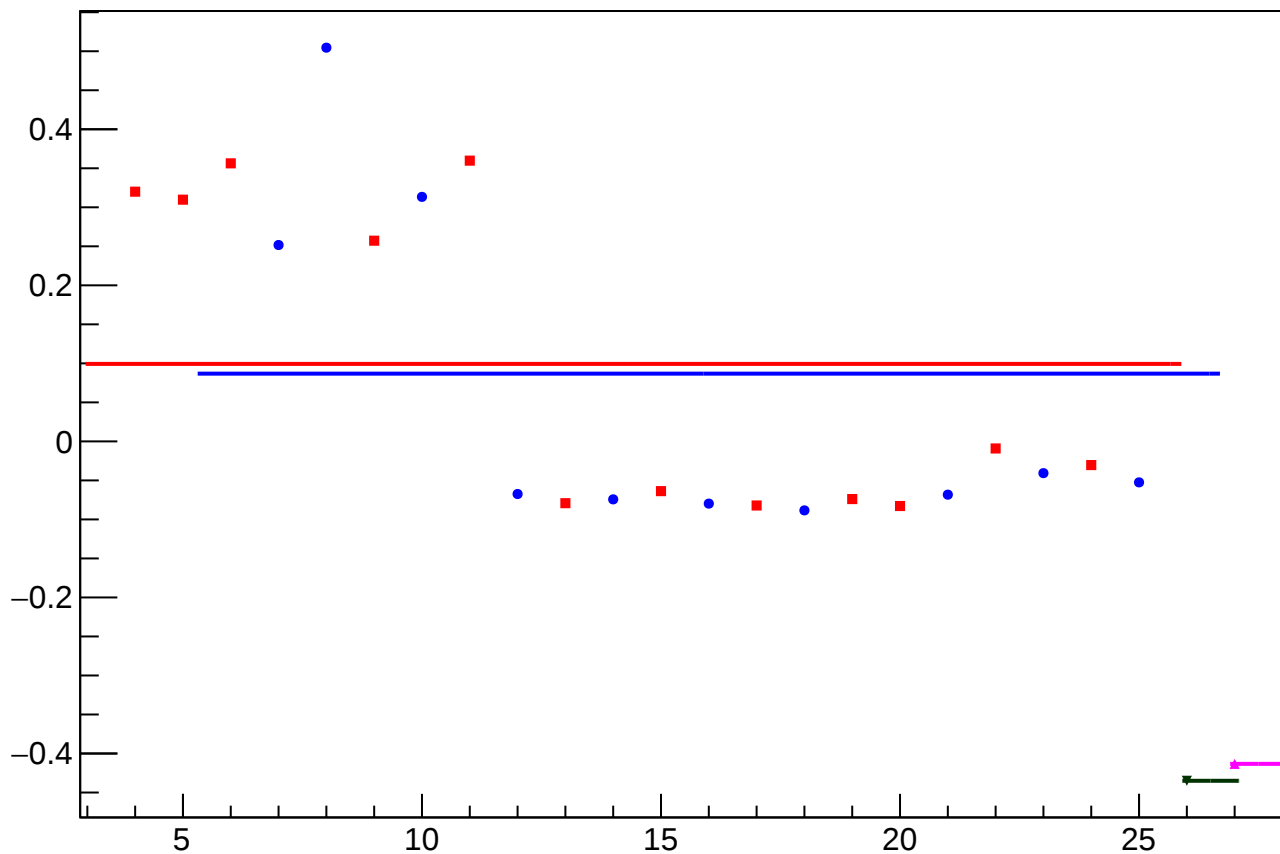
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 35796.4/10

0.011+/-0.000 χ^2/NDF : 49216.9/12

yield_bpm0l04Y_mean vs slug



Right In: 0.087 $\pm$ 0.000 χ^2 /NDF: 6587794227.2/9

Left Out: -0.435 $\pm$ 0.000 χ^2 /NDF: 0.0/0

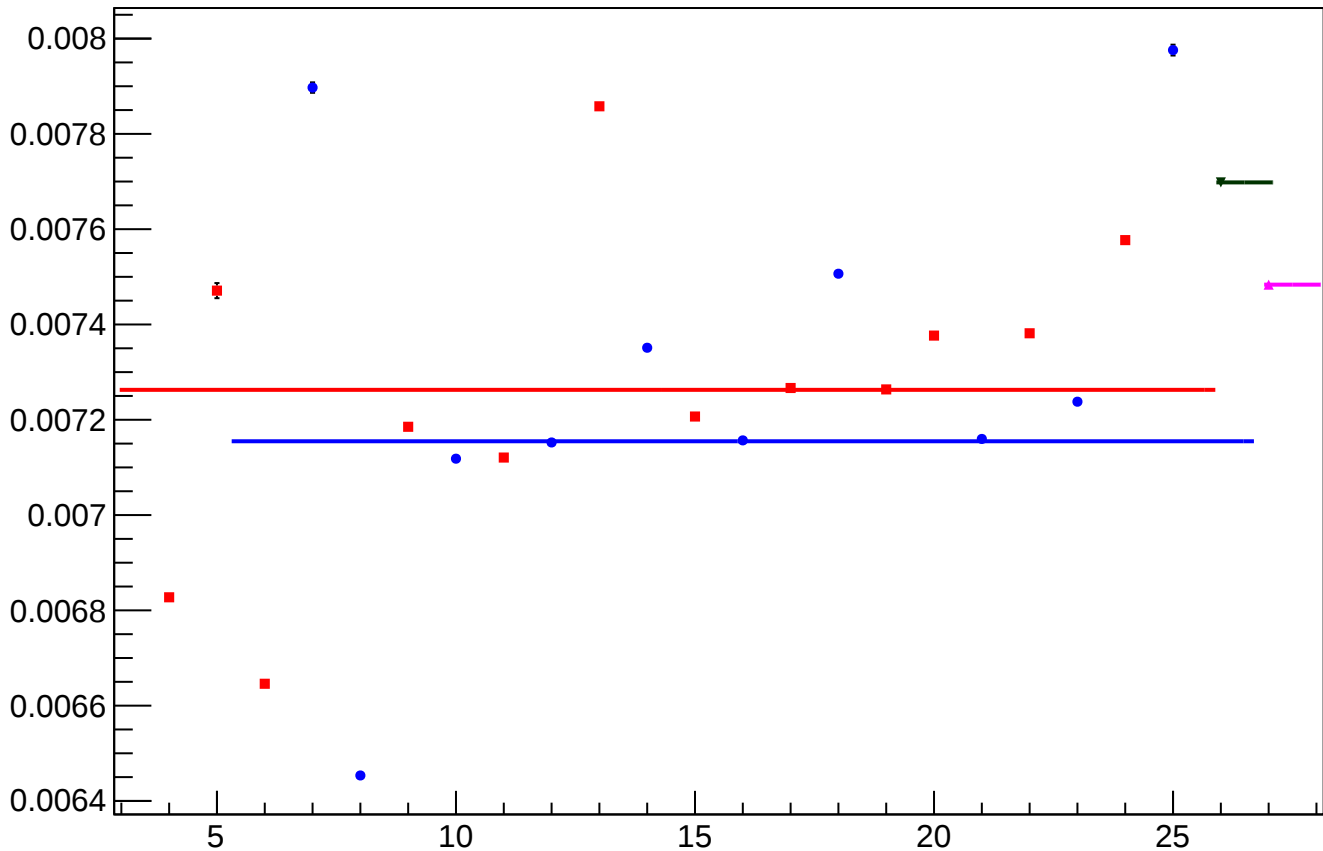
Right Out: 0.099 $\pm$ 0.000 χ^2 /NDF: 4238157293.7/11

Left In: -0.413 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.055 $\pm$ 0.000 χ^2 /NDF: 8654761955.8/10

0.042 $\pm$ 0.000 χ^2 /NDF: 7666165522.6/12

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 : 0.0/0

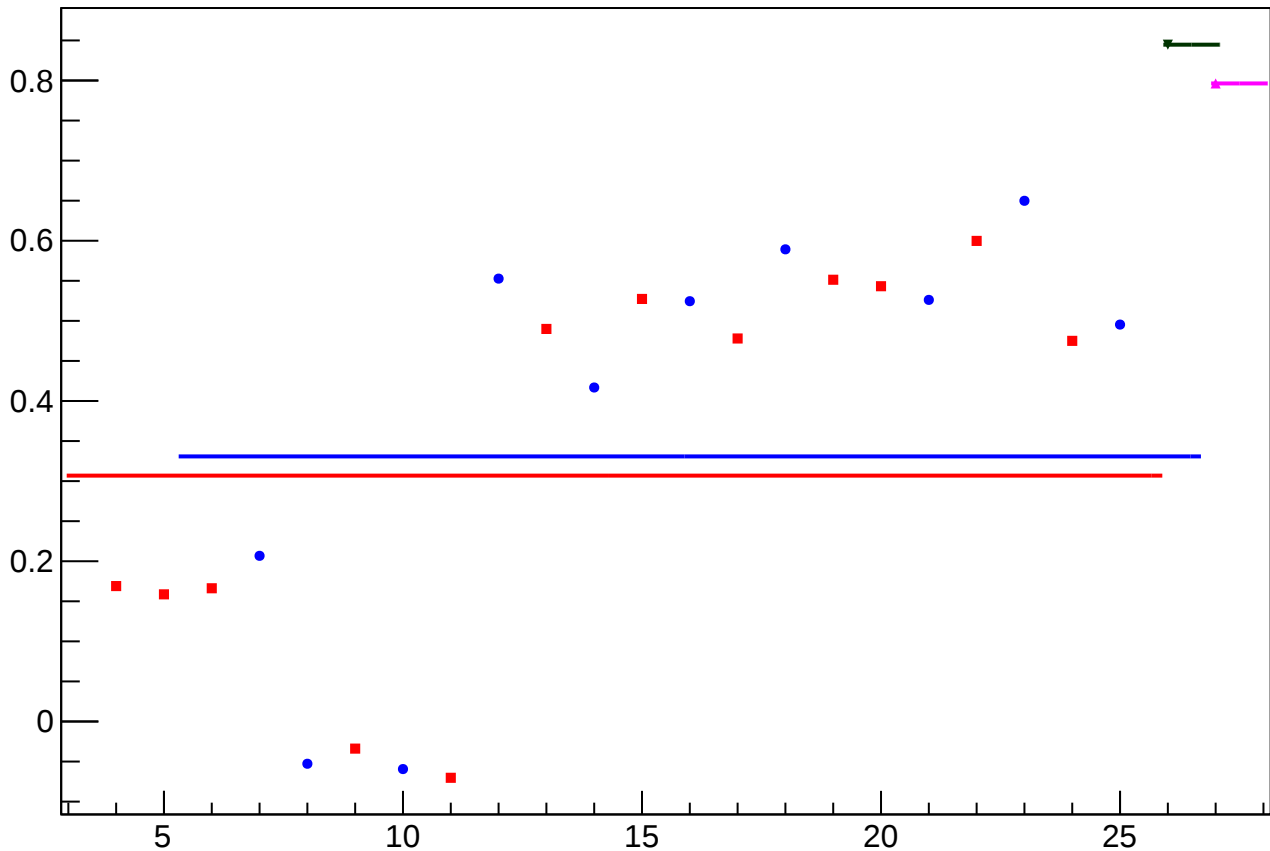
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 39495.6/10

0.007+/-0.000 χ^2/NDF : 26729.7/12

yield_bpm0l05X_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 10288533334.9/9

Left Out: 0.845+/-0.000 χ^2/NDF : 0.0/0

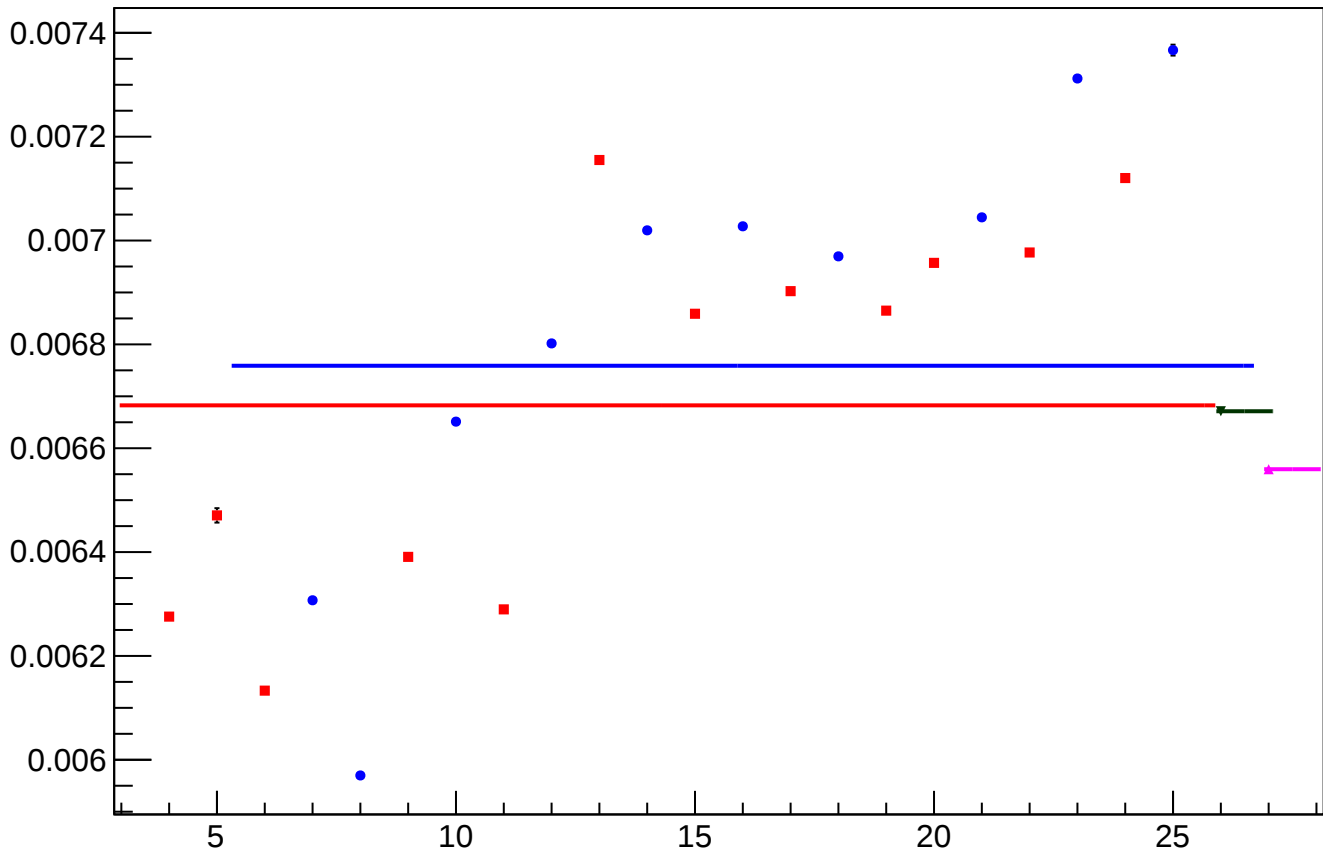
0.368+/-0.000 χ^2/NDF : 12944888182.1/10

Right Out: 0.307+/-0.000 χ^2/NDF : 8592627222.1/11

0.367+/-0.000 χ^2/NDF : 12687259433.3/12

Left In: 0.796+/-0.000 χ^2/NDF : 0.0/0

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 : 0.0/0

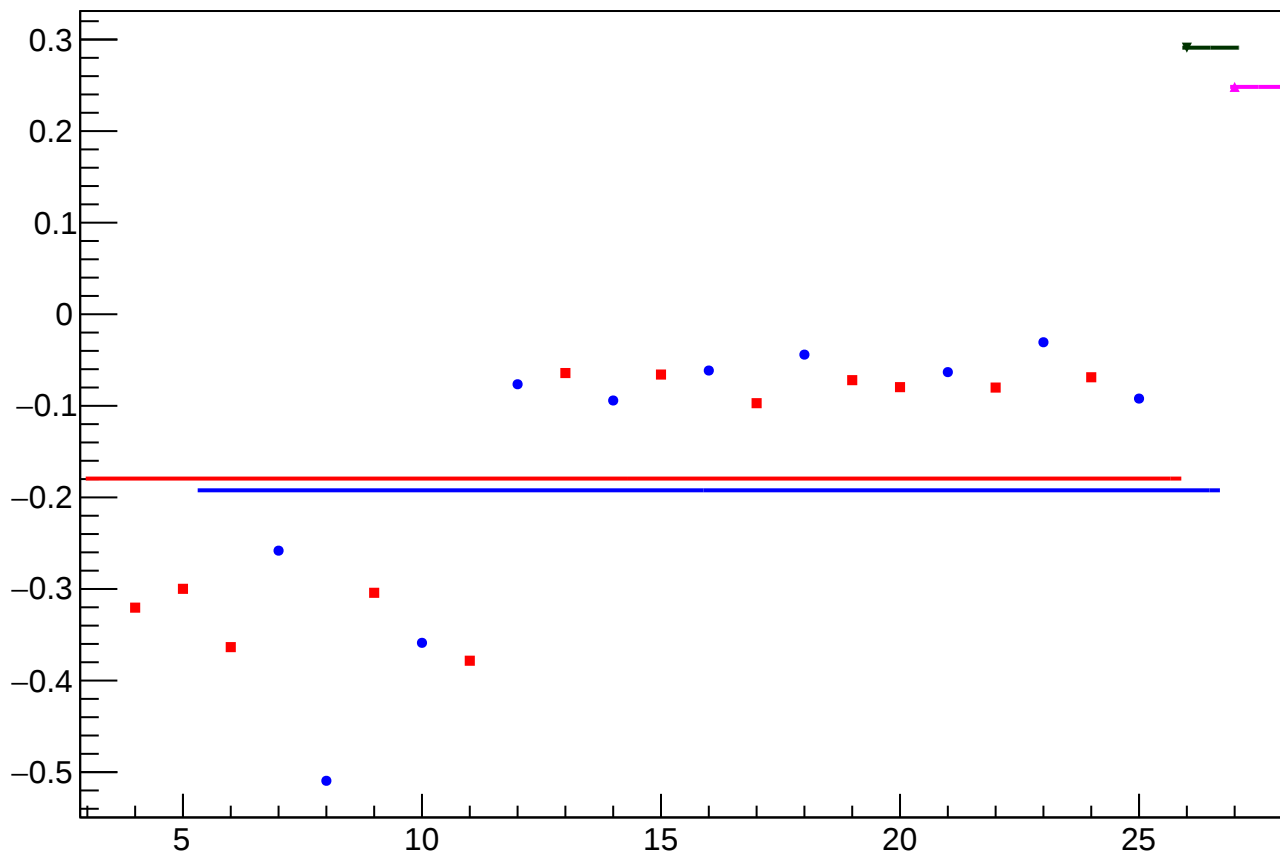
0.007+/-0.000 χ^2/NDF : 51254.8/10

Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

0.007+/-0.000 χ^2/NDF : 38439.9/12

Left In: 0.007+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2 /NDF: 7520458731.7/9

Left Out: 0.291+/-0.000 χ^2 /NDF:0.0/0

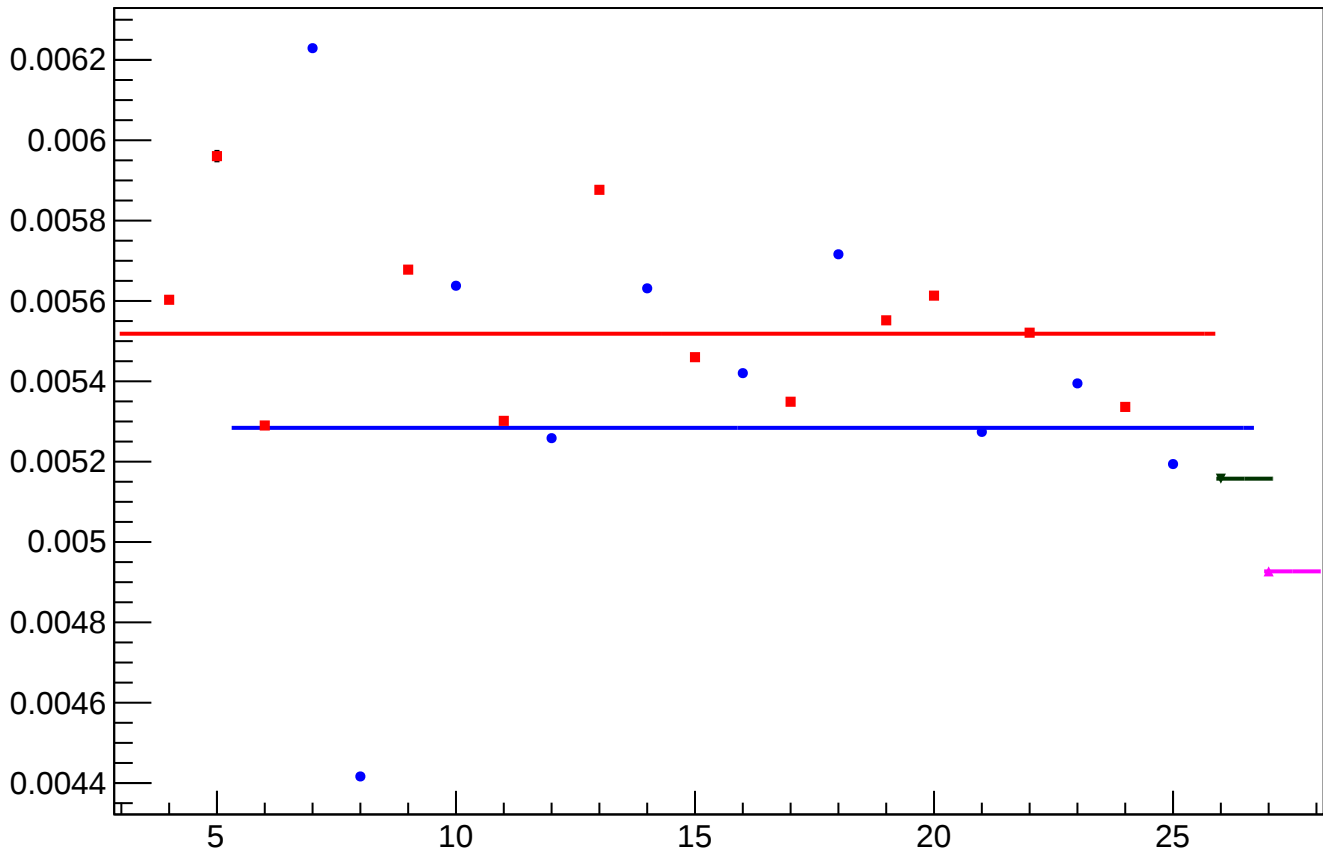
Right Out: -0.179+/-0.000 χ^2 /NDF: 3508774818.6/11

Left In: 0.248+/-0.000 χ^2 /NDF:0.0/0

-0.156+/-0.000 χ^2 /NDF: 11391675536.0/10

-0.118+/-0.000 χ^2 /NDF: 8758678450.0/12

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 : 0.0/0

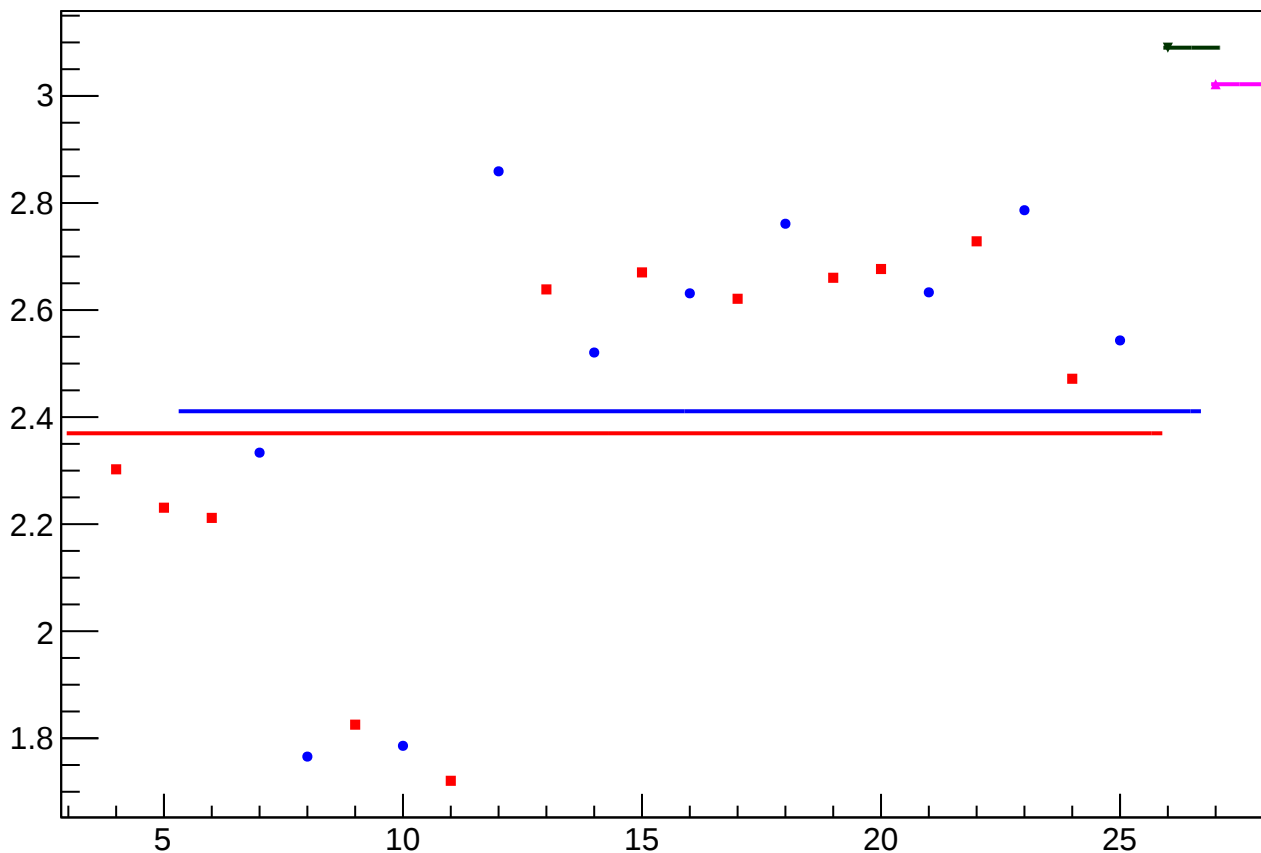
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 101840.7/10

0.005+/-0.000 χ^2/NDF : 35967.5/12

yield_bpm0l06X_mean vs slug



Right In: 2.411 $\pm$ 0.000 χ^2 /NDF: 8288488350.8/9

Left Out: 3.090 $\pm$ 0.000 χ^2 /NDF: 0.0/0

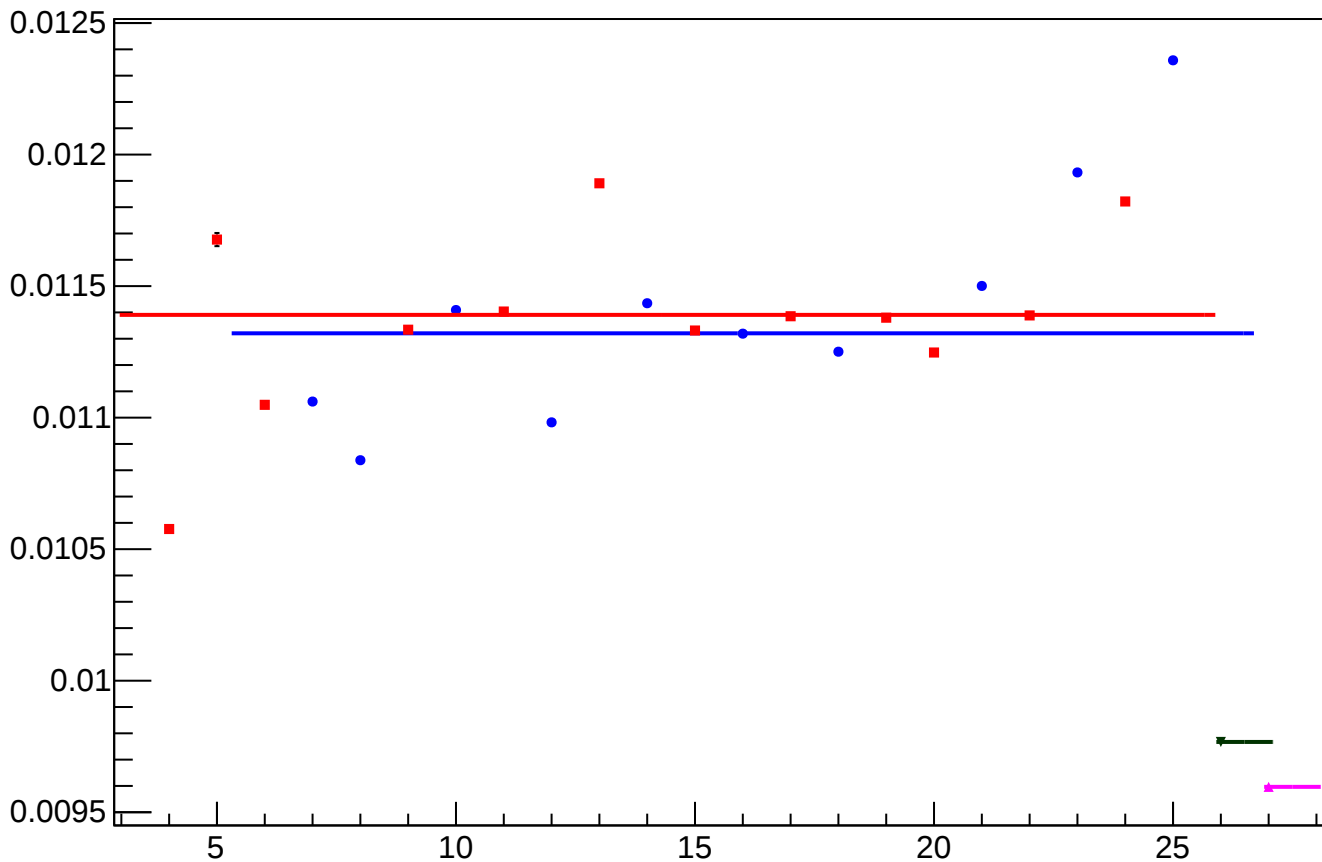
Right Out: 2.370 $\pm$ 0.000 χ^2 /NDF: 6148614256.2/11

Left In: 3.022 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.474 $\pm$ 0.000 χ^2 /NDF: 10410028155.2/10

2.475 $\pm$ 0.000 χ^2 /NDF: 9429942213.4/12

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 : 0.0/0

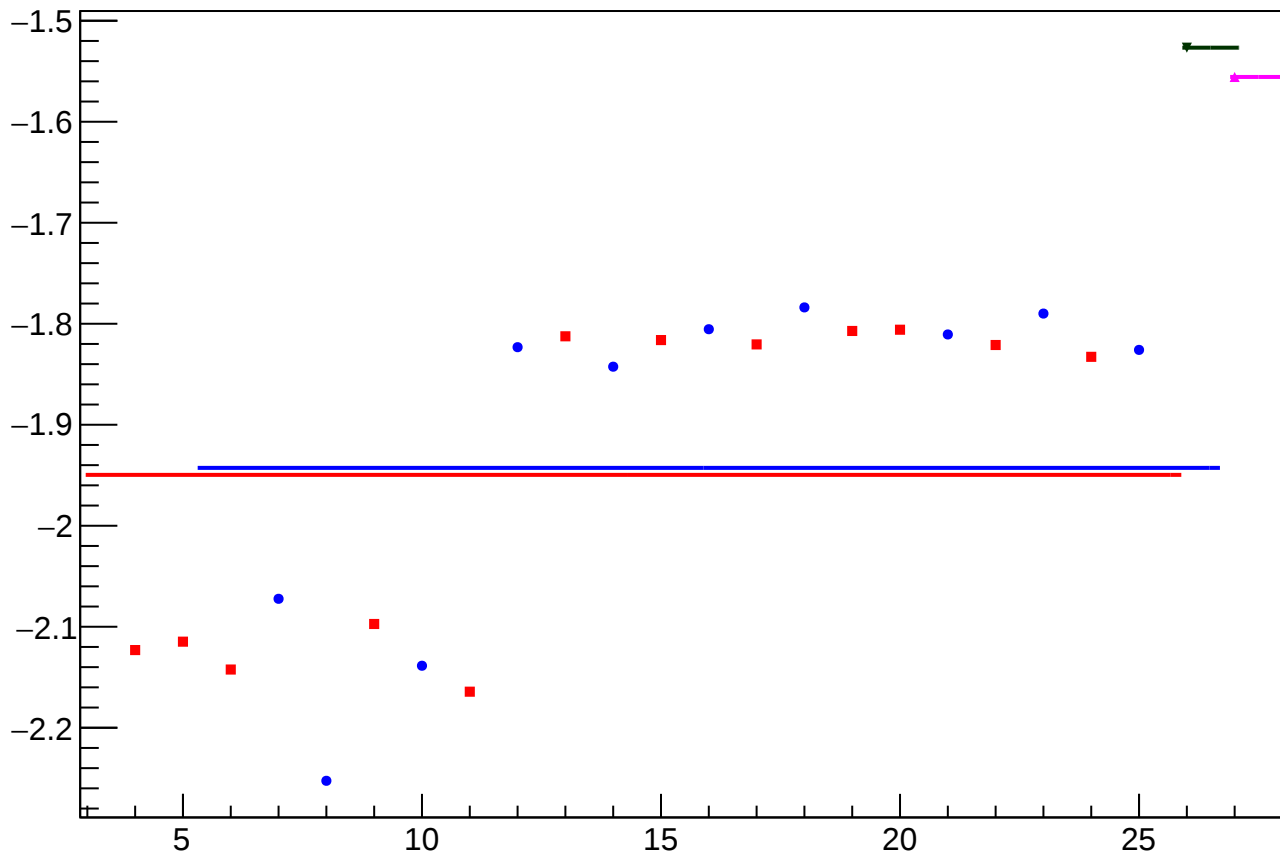
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 33855.7/10

0.011+/-0.000 χ^2/NDF : 60166.9/12

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.527+/-0.000 χ^2/NDF : 0.0/0

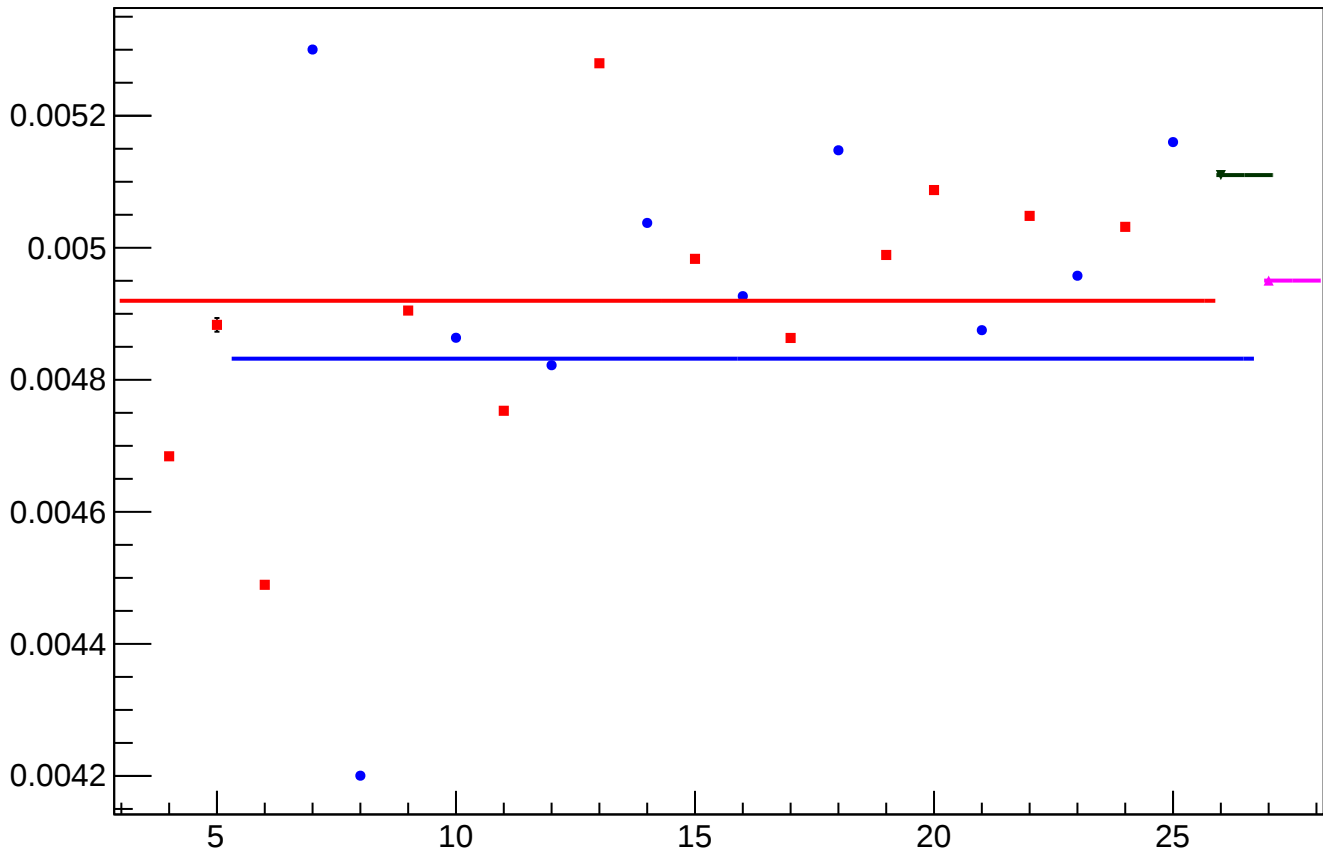
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.556+/-0.000 χ^2/NDF : 0.0/0

-1.916+/-0.000 χ^2/NDF : 12156711636.6/10

-1.904+/-0.000 χ^2/NDF : 10787090307.8/12

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 : 0.0/0

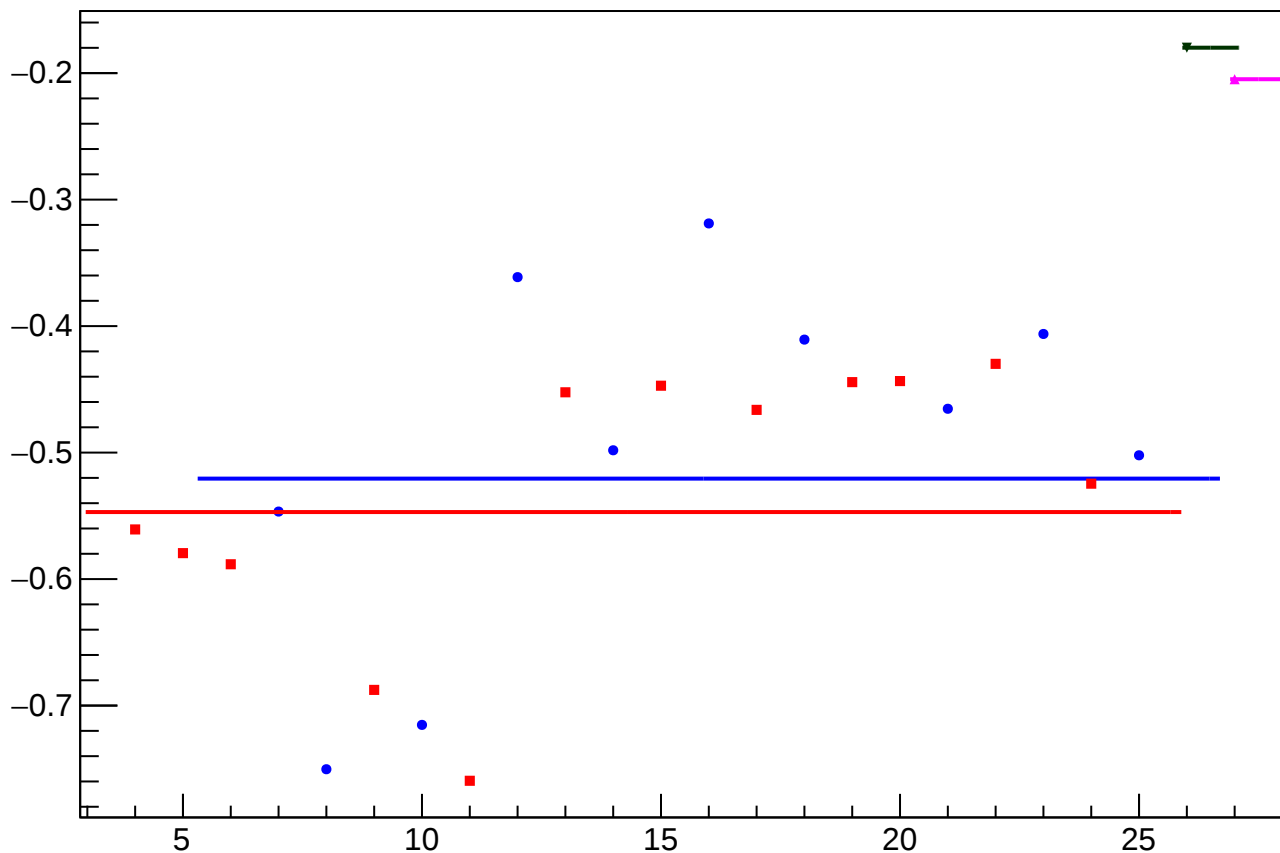
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 57905.5/10

0.005+/-0.000 χ^2/NDF : 23887.6/12

yield_bpm0l07X_mean vs slug



Right In: -0.521 ± 0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.180 ± 0.000 χ^2/NDF : 0.0/0

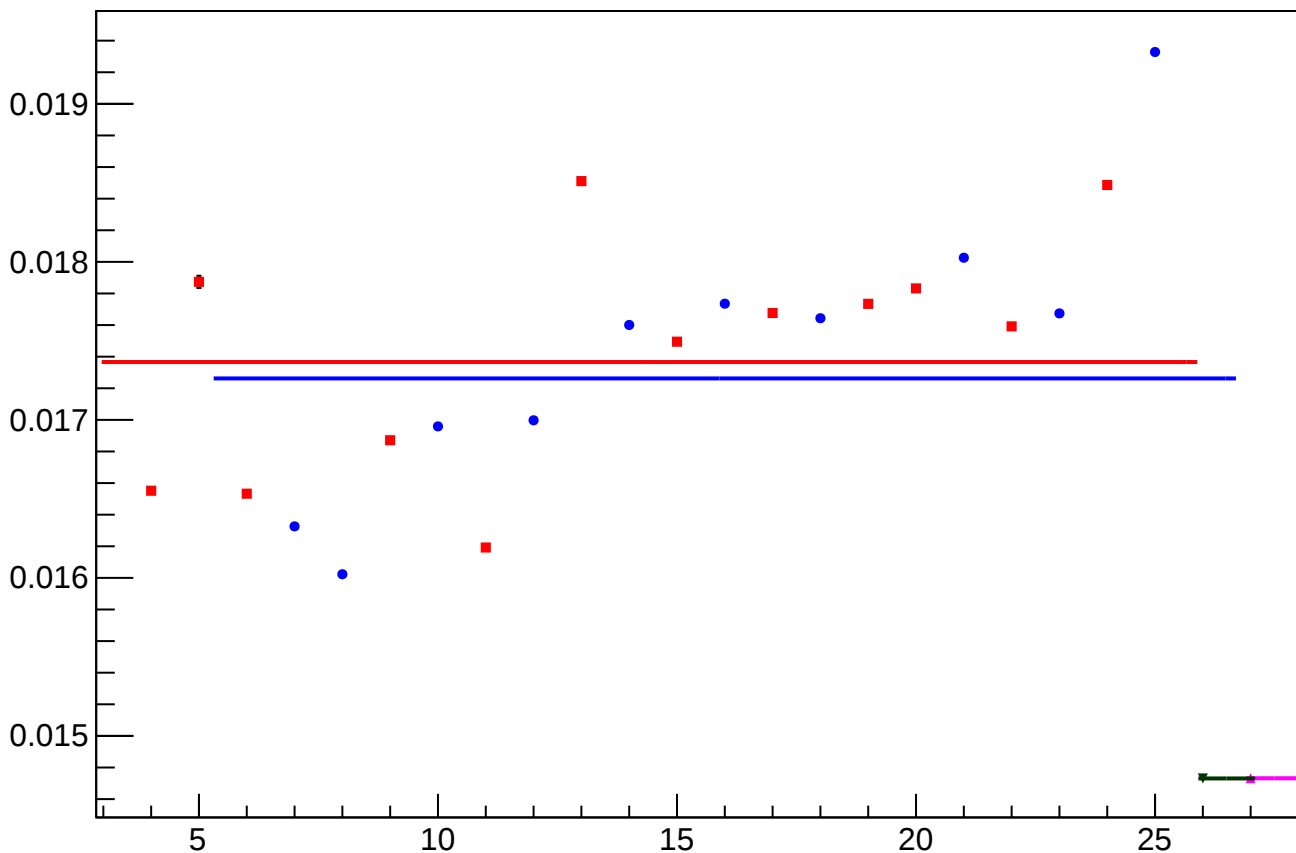
Right Out: -0.547 ± 0.000 χ^2/NDF : 269735804.4/11

Left In: -0.205 ± 0.000 χ^2/NDF : 0.0/0

-0.488 ± 0.000 χ^2/NDF : 711273166.3/10

-0.492 ± 0.000 χ^2/NDF : 655821565.5/12

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 : 0.0/0

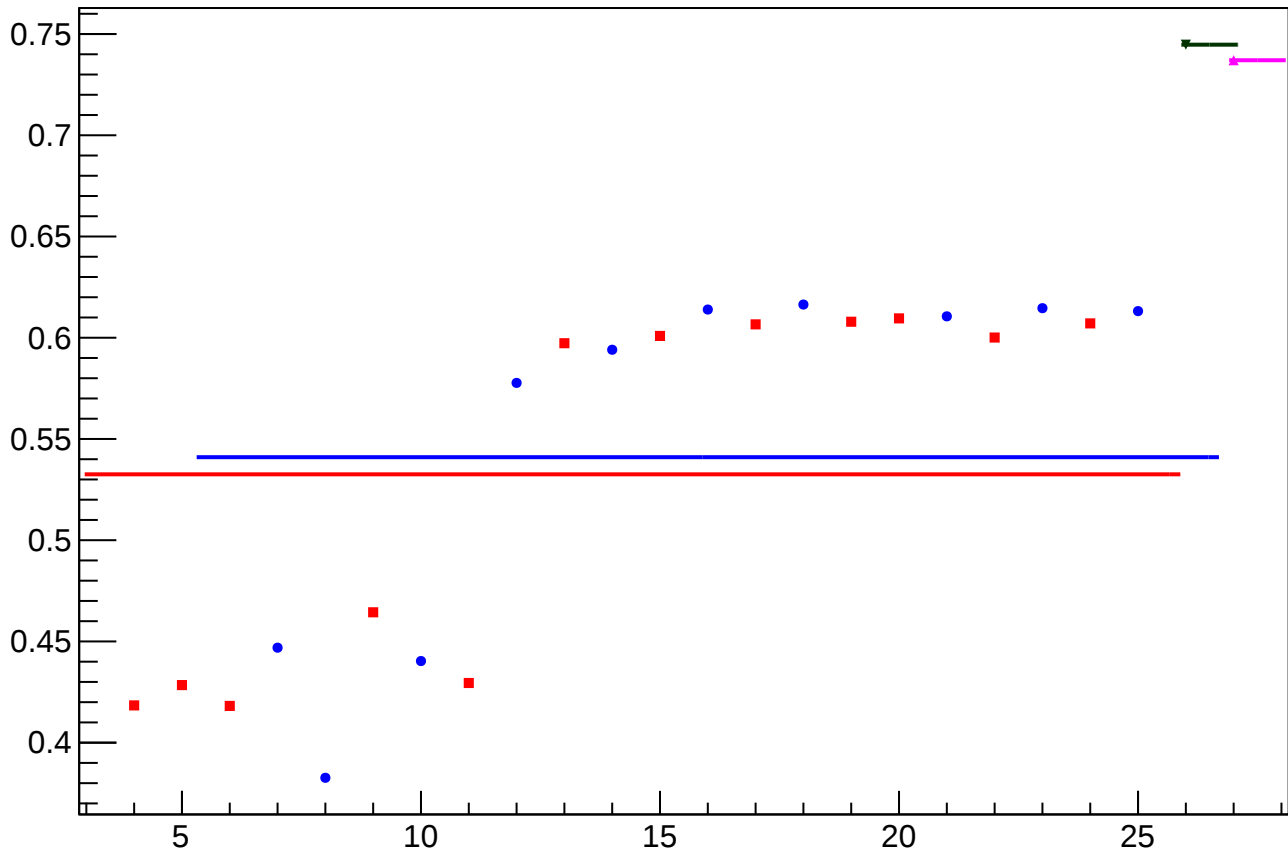
Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

Left In: 0.015+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 50400.1/10

0.017+/-0.000 χ^2/NDF : 70964.2/12

yield_bpm0l07Y_mean vs slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 5869404533.9/9

Left Out: 0.745 $\pm$ 0.000 χ^2 /NDF: 0.0/0

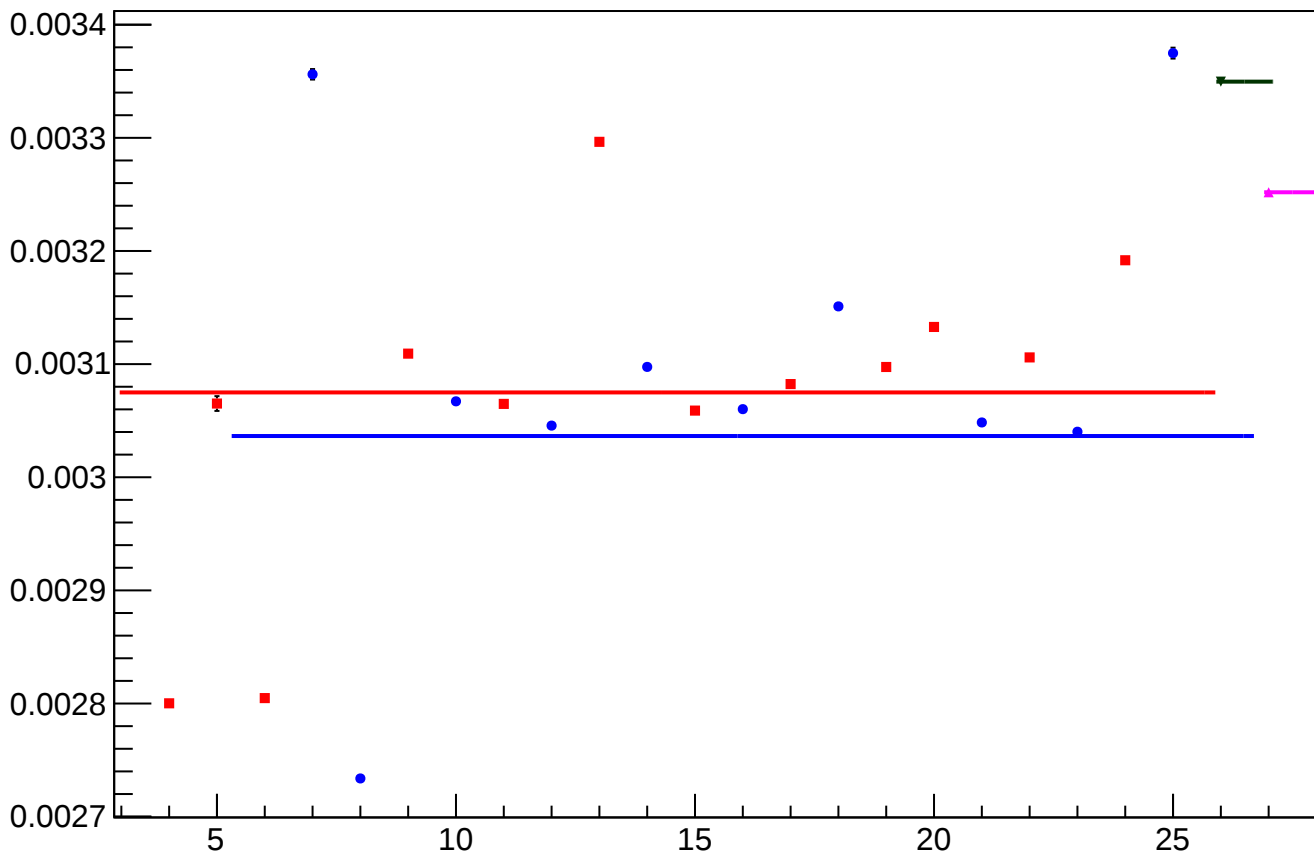
0.553 $\pm$ 0.000 χ^2 /NDF: 7549053098.8/10

Right Out: 0.533 $\pm$ 0.000 χ^2 /NDF: 4611310317.7/11

0.554 $\pm$ 0.000 χ^2 /NDF: 7515980786.3/12

Left In: 0.737 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 : 0.0/0

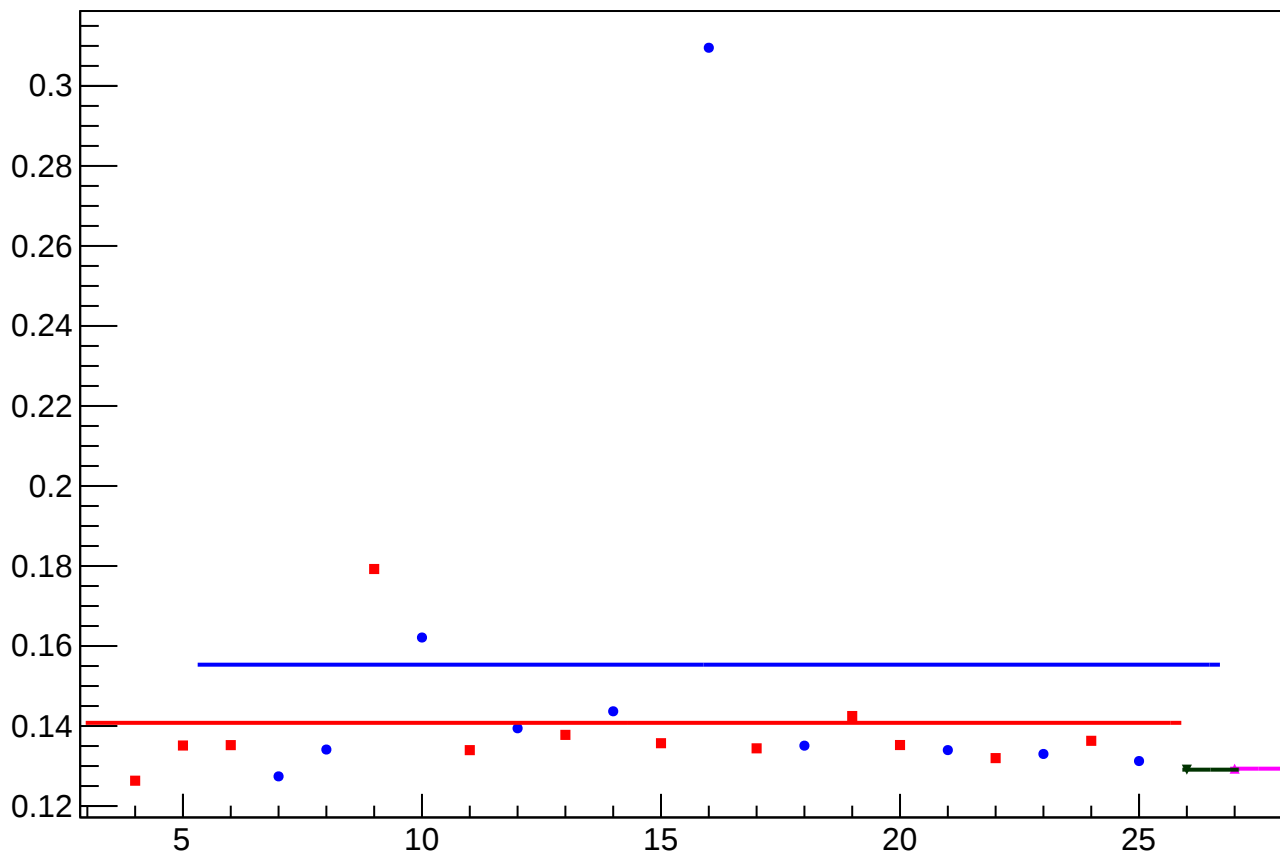
Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

Left In: 0.003+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 41810.7/10

0.003+/-0.000 χ^2/NDF : 31499.5/12

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.129+/-0.000 χ^2/NDF : 0.0/0

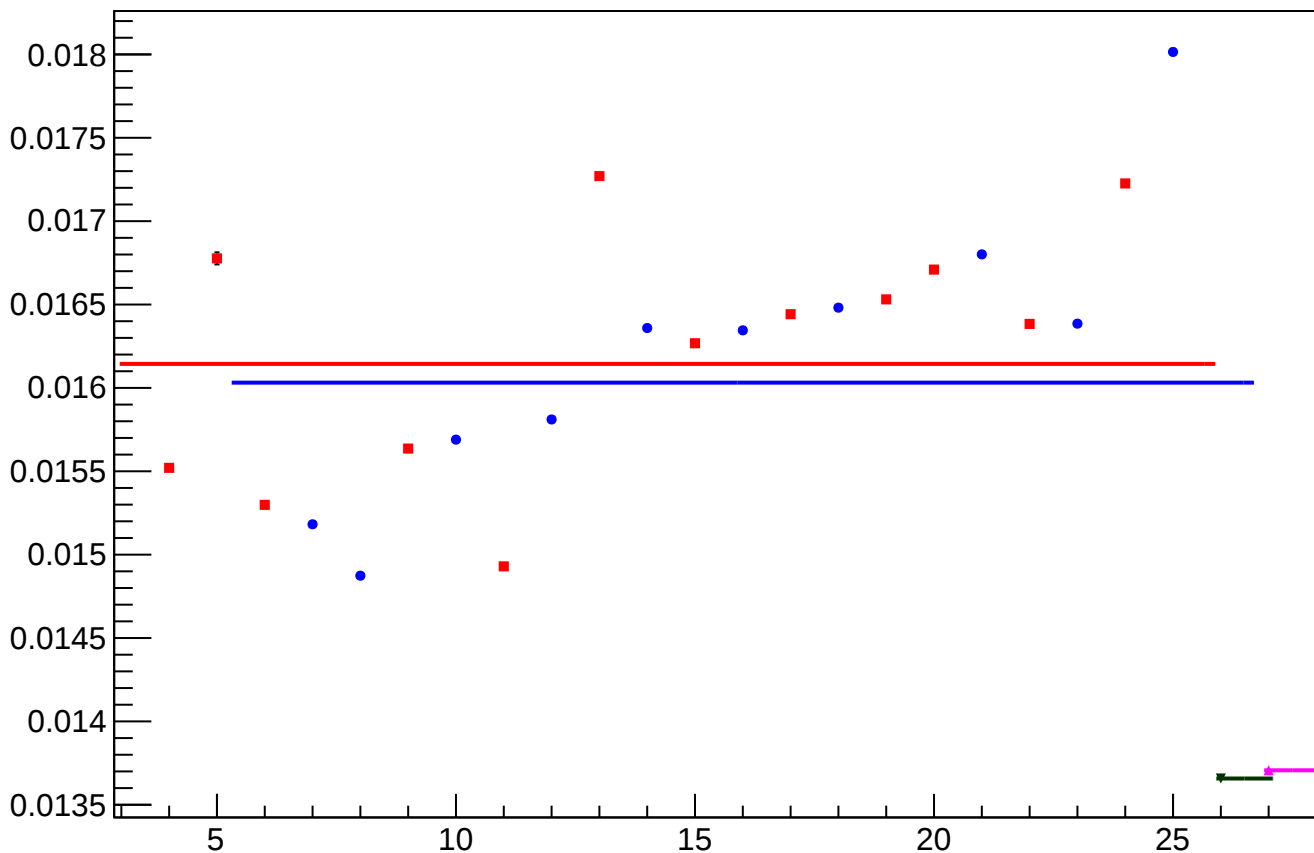
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.129+/-0.000 χ^2/NDF : 0.0/0

0.153+/-0.000 χ^2/NDF : 62172513.1/10

0.139+/-0.000 χ^2/NDF : 5962415.4/12

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 : 0.0/0

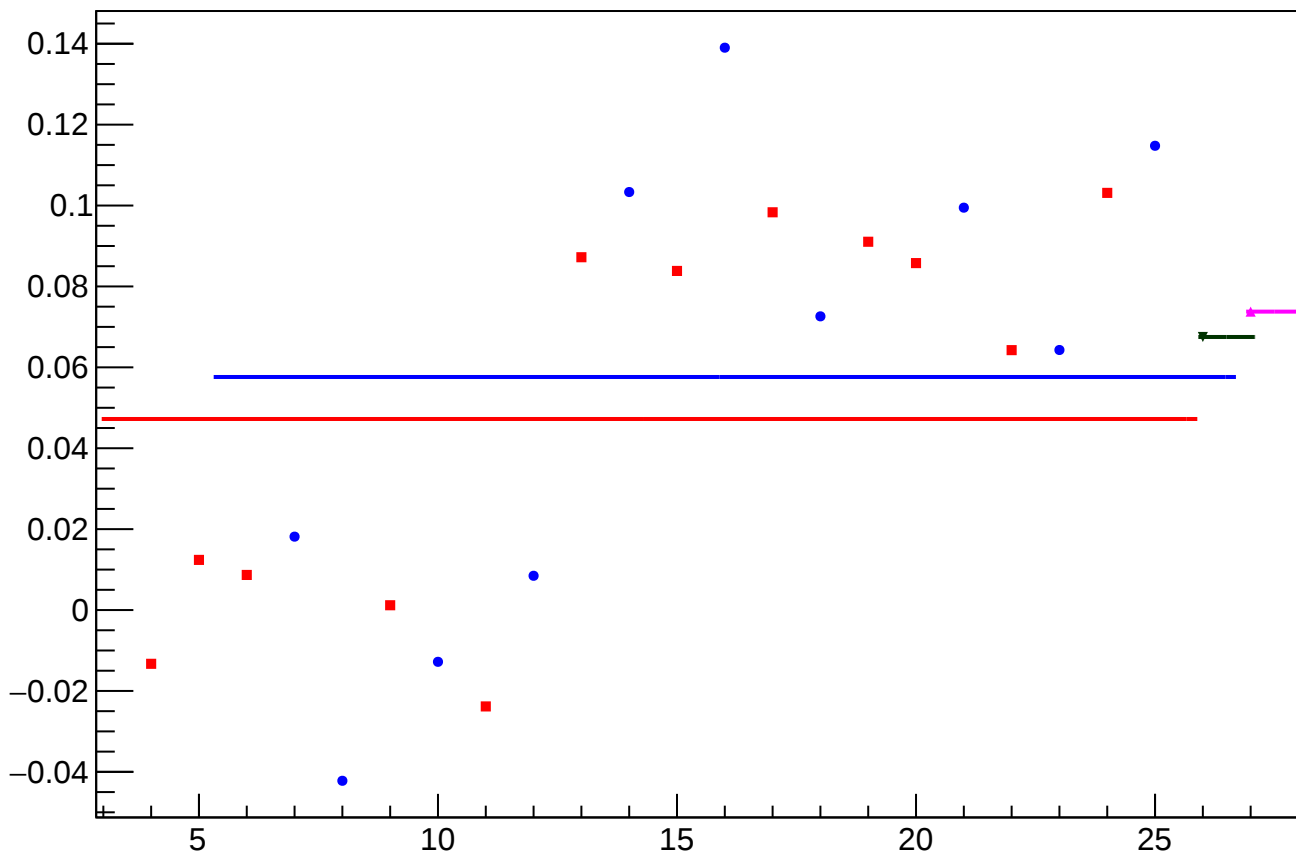
Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

Left In: 0.014+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 51975.1/10

0.016+/-0.000 χ^2/NDF : 73987.7/12

yield_bpm0l08Y_mean vs slug



Right In: 0.058+/-0.000 χ^2/NDF : 2106835310.3/9

Left Out: 0.068+/-0.000 χ^2/NDF :0.0/0

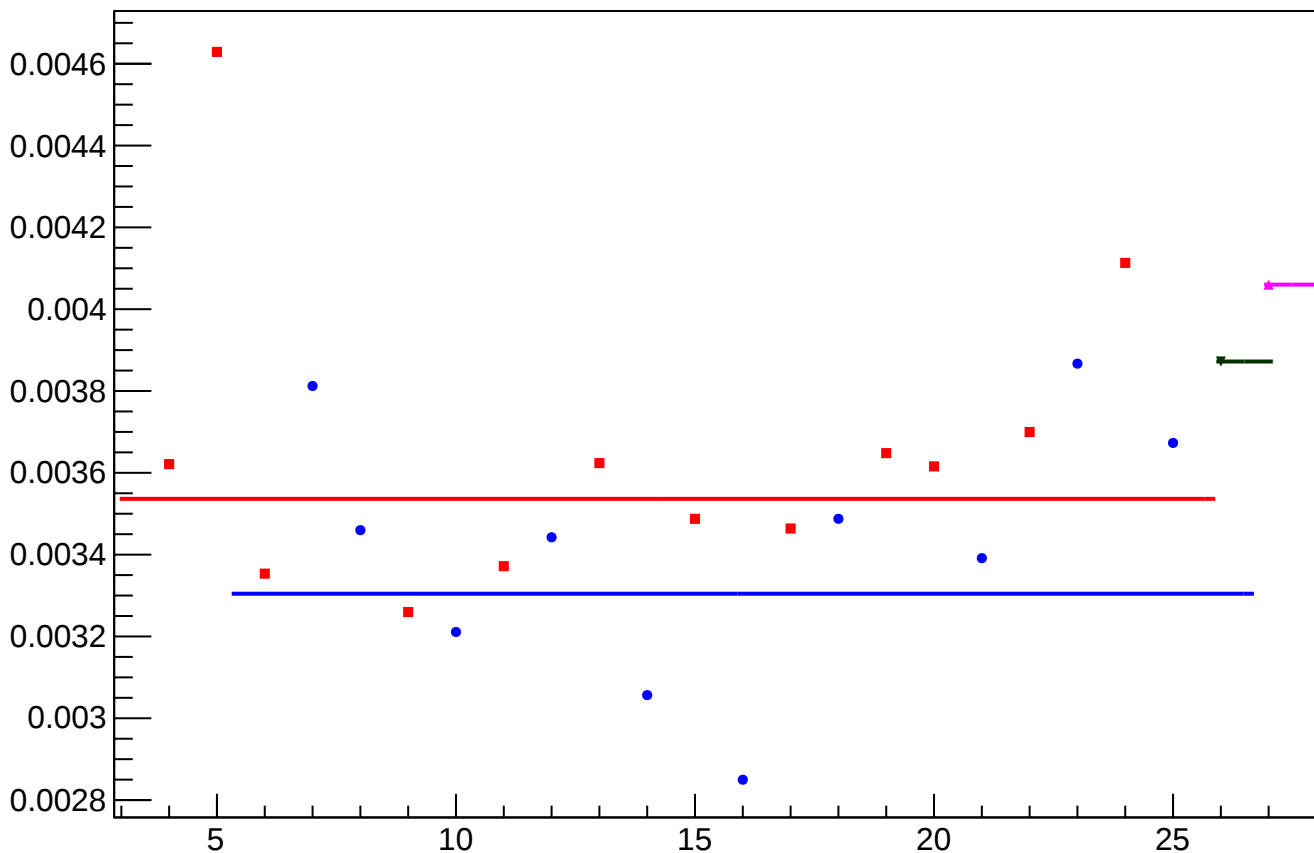
Right Out: 0.047+/-0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.074+/-0.000 χ^2/NDF :0.0/0

0.058+/-0.000 χ^2/NDF : 2109794325.1/10

0.050+/-0.000 χ^2/NDF : 1108805888.2/12

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 : 0.0/0

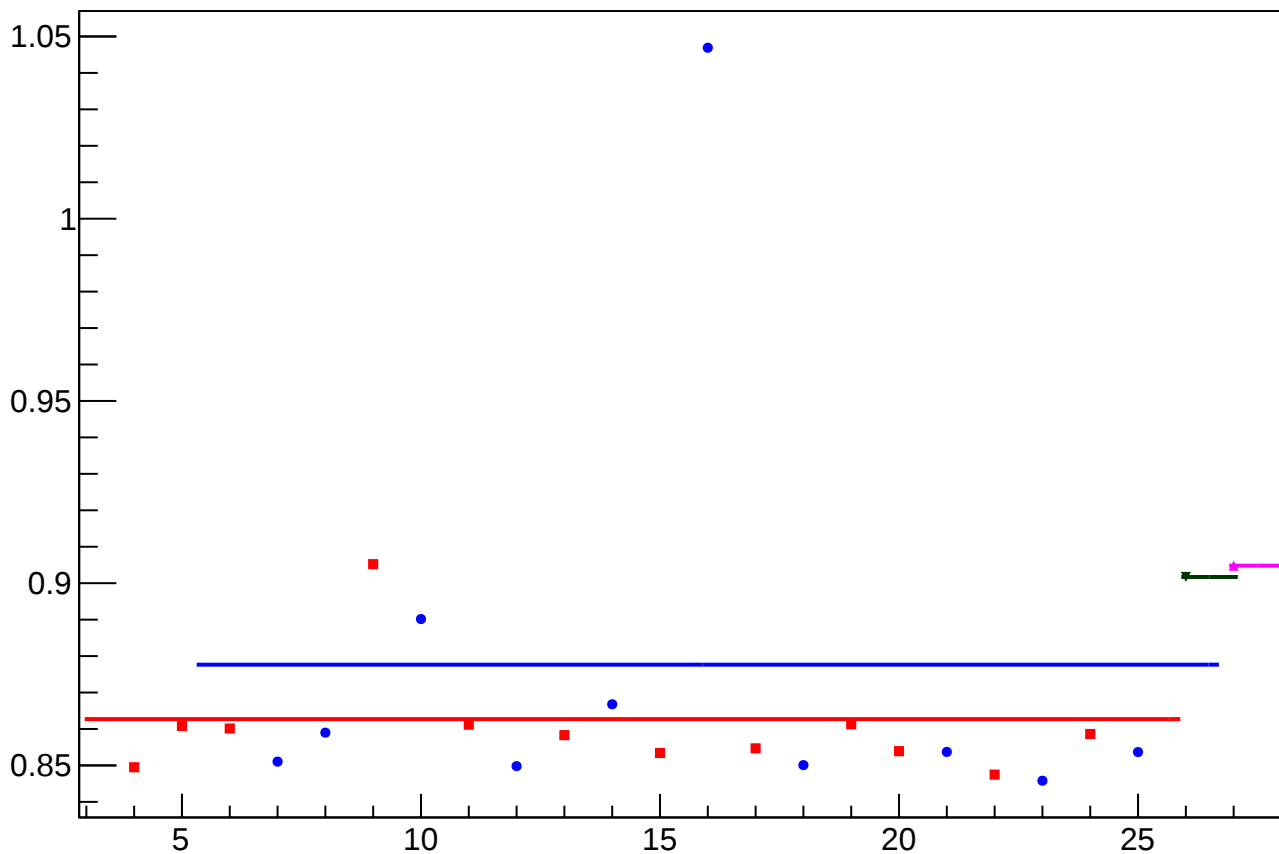
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 108392.9/10

0.004+/-0.000 χ^2/NDF : 78870.6/12

yield_bpm0l09X_mean vs slug



Right In: 0.878 ± 0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.902 ± 0.000 χ^2/NDF : 0.0/0

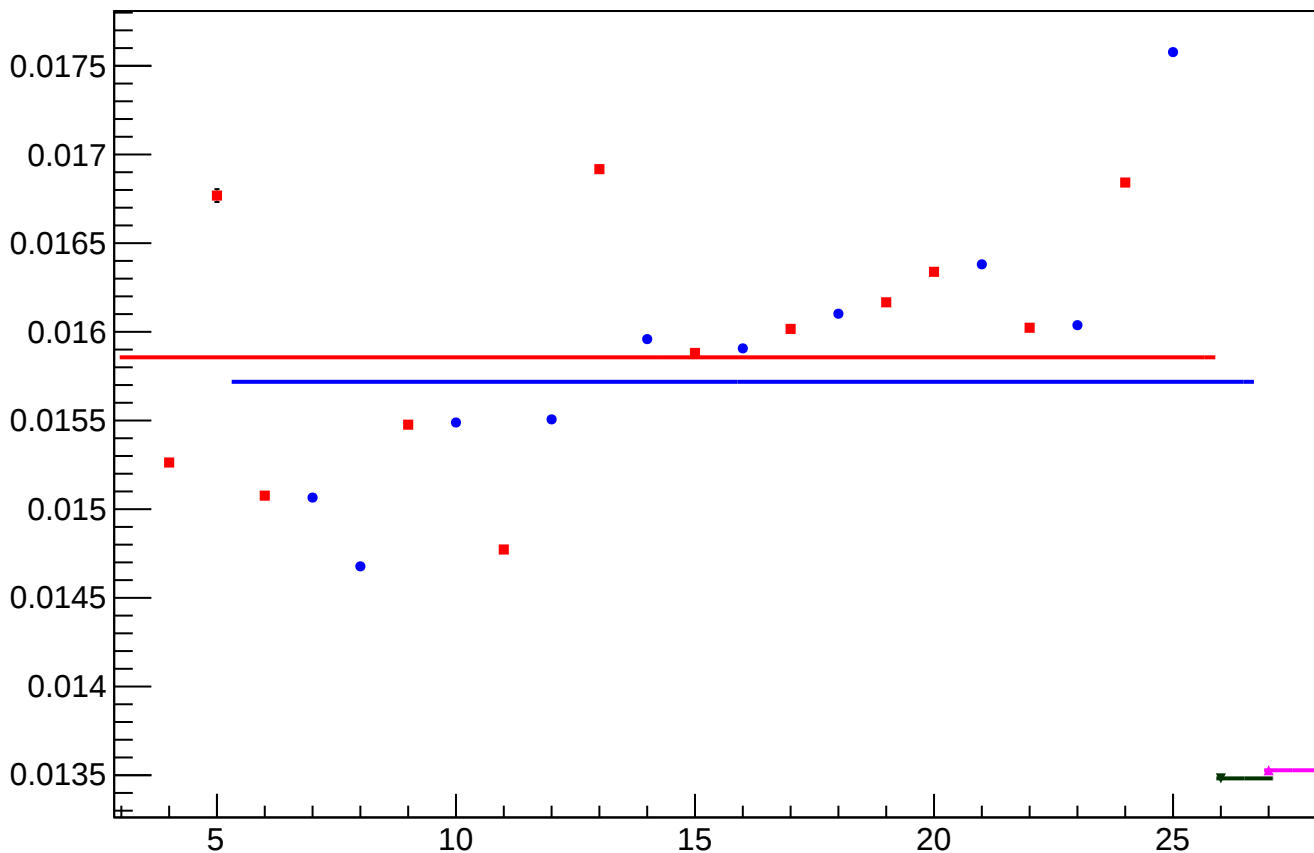
Right Out: 0.863 ± 0.000 χ^2/NDF : 6919011.1/11

Left In: 0.905 ± 0.000 χ^2/NDF : 0.0/0

0.880 ± 0.000 χ^2/NDF : 79982047.6/10

0.869 ± 0.000 χ^2/NDF : 13854098.1/12

yield_bpm0l09X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 20126.2/9

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

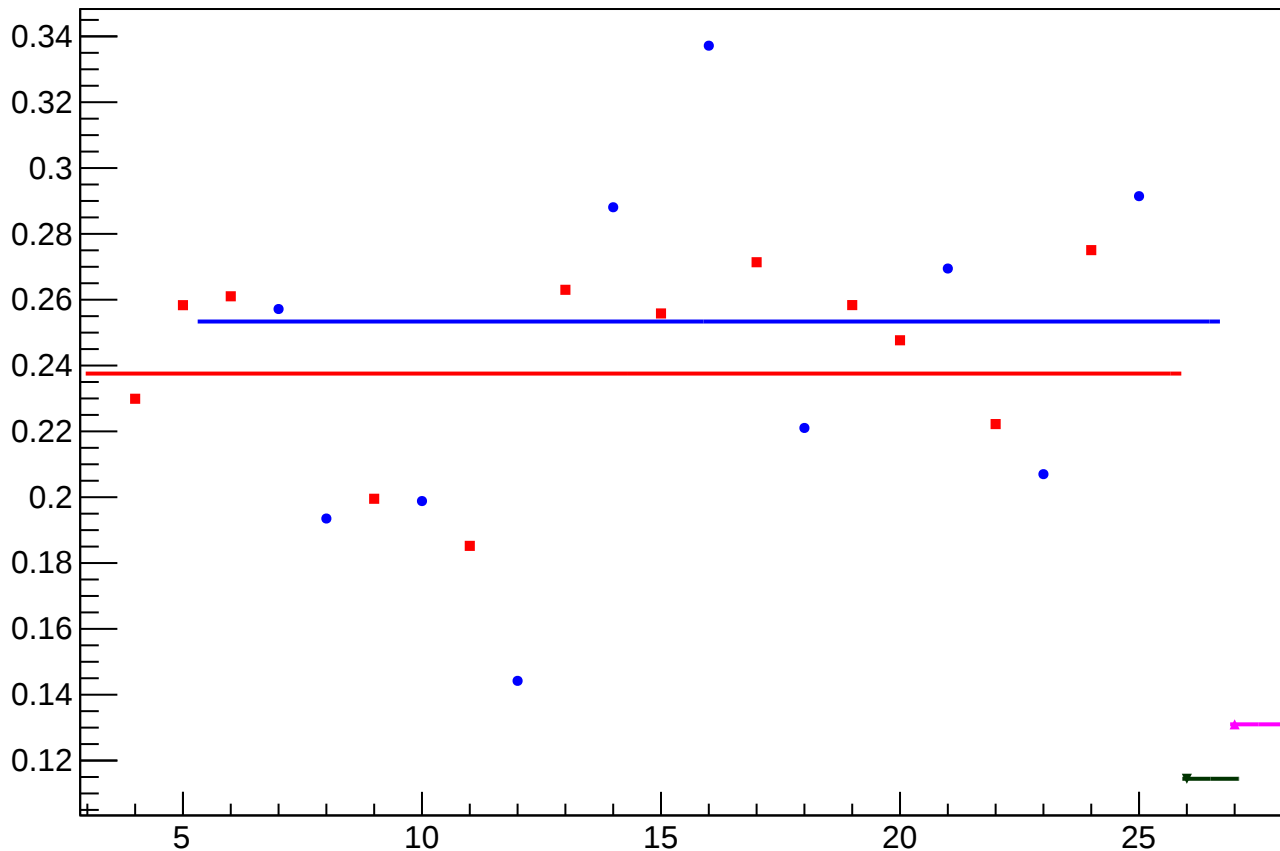
Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

Left In: 0.014+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 44625.2/10

0.015+/-0.000 χ^2/NDF : 66797.0/12

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.114+/-0.000 χ^2/NDF : 0.0/0

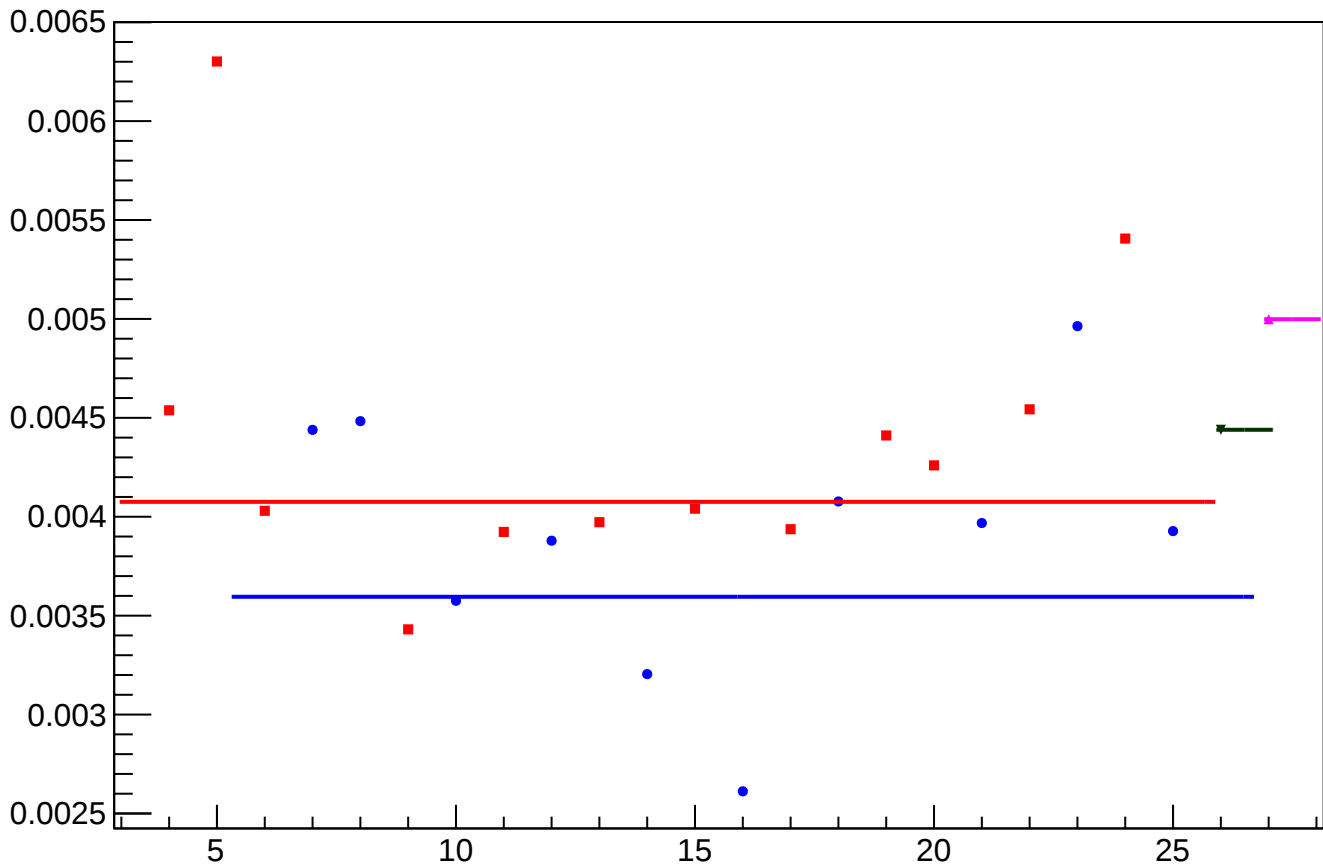
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.131+/-0.000 χ^2/NDF : 0.0/0

0.247+/-0.000 χ^2/NDF : 2039132379.0/10

0.228+/-0.000 χ^2/NDF : 673479971.8/12

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 : 0.0/0

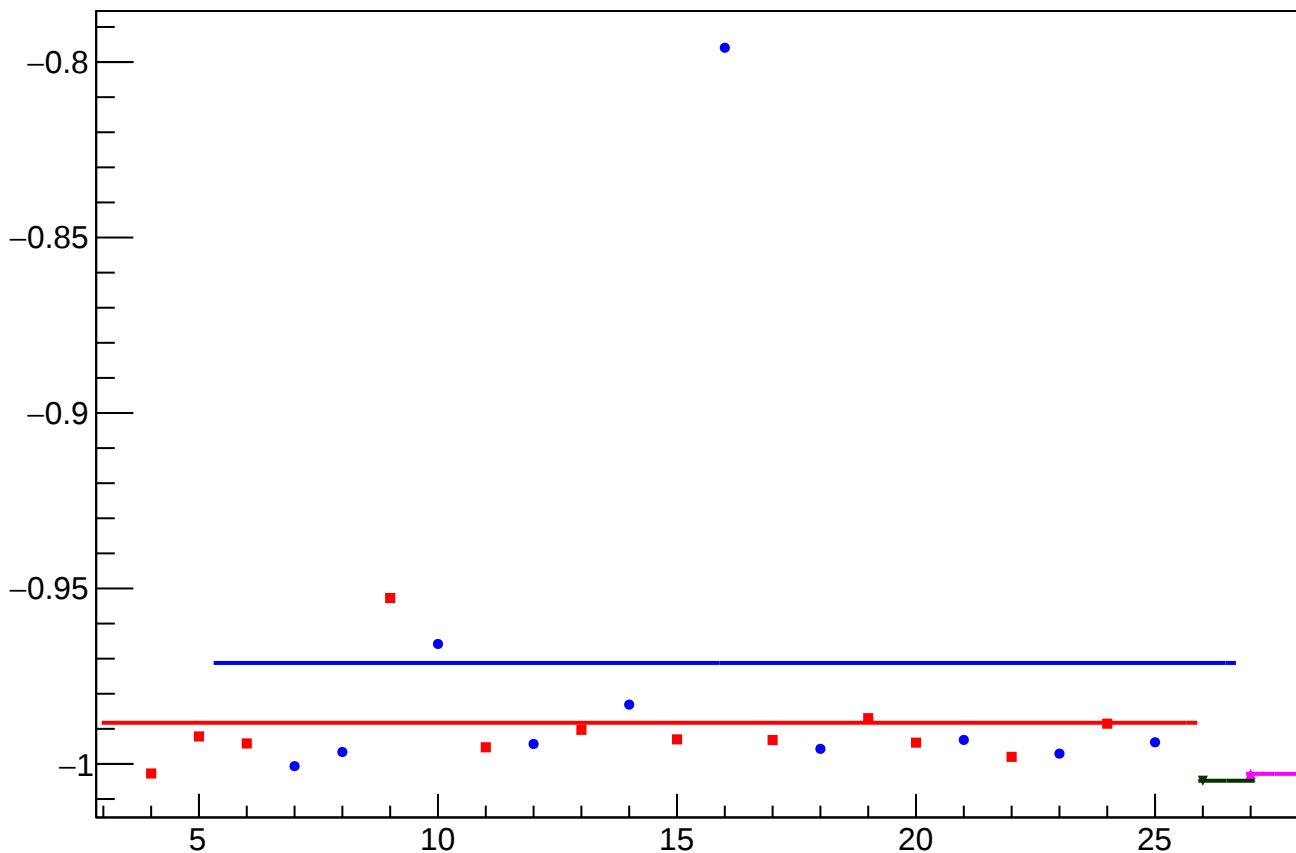
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 422481.7/10

0.004+/-0.000 χ^2/NDF : 214671.6/12

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -1.005+/-0.000 χ^2/NDF : 0.0/0

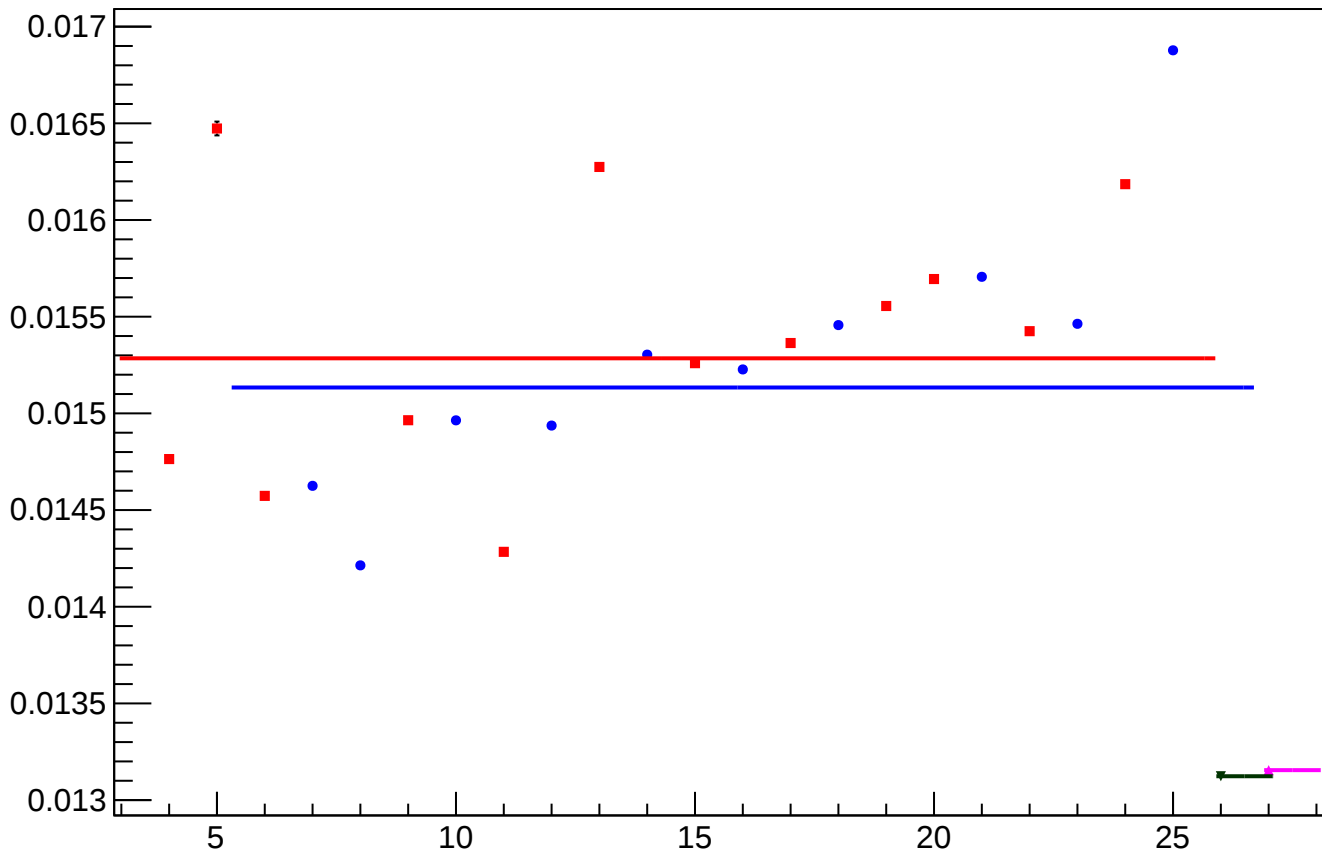
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -1.003+/-0.000 χ^2/NDF : 0.0/0

-0.974+/-0.000 χ^2/NDF : 92829654.6/10

-0.991+/-0.000 χ^2/NDF : 6072303.3/12

yield_bpm0l10X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 16984.1/9

Left Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

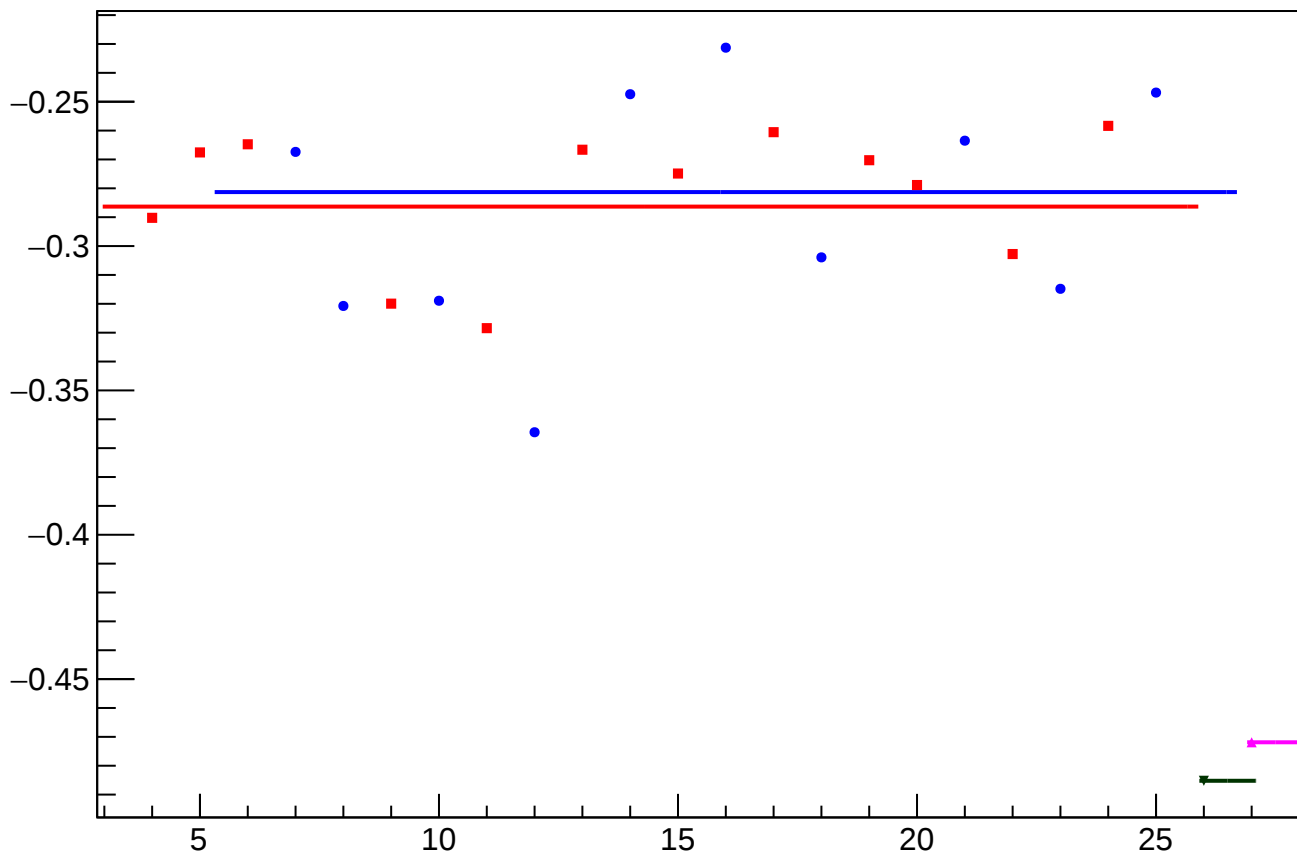
Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

Left In: 0.013+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 37903.7/10

0.015+/-0.000 χ^2/NDF : 59969.0/12

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.485+/-0.000 χ^2/NDF : 0.0/0

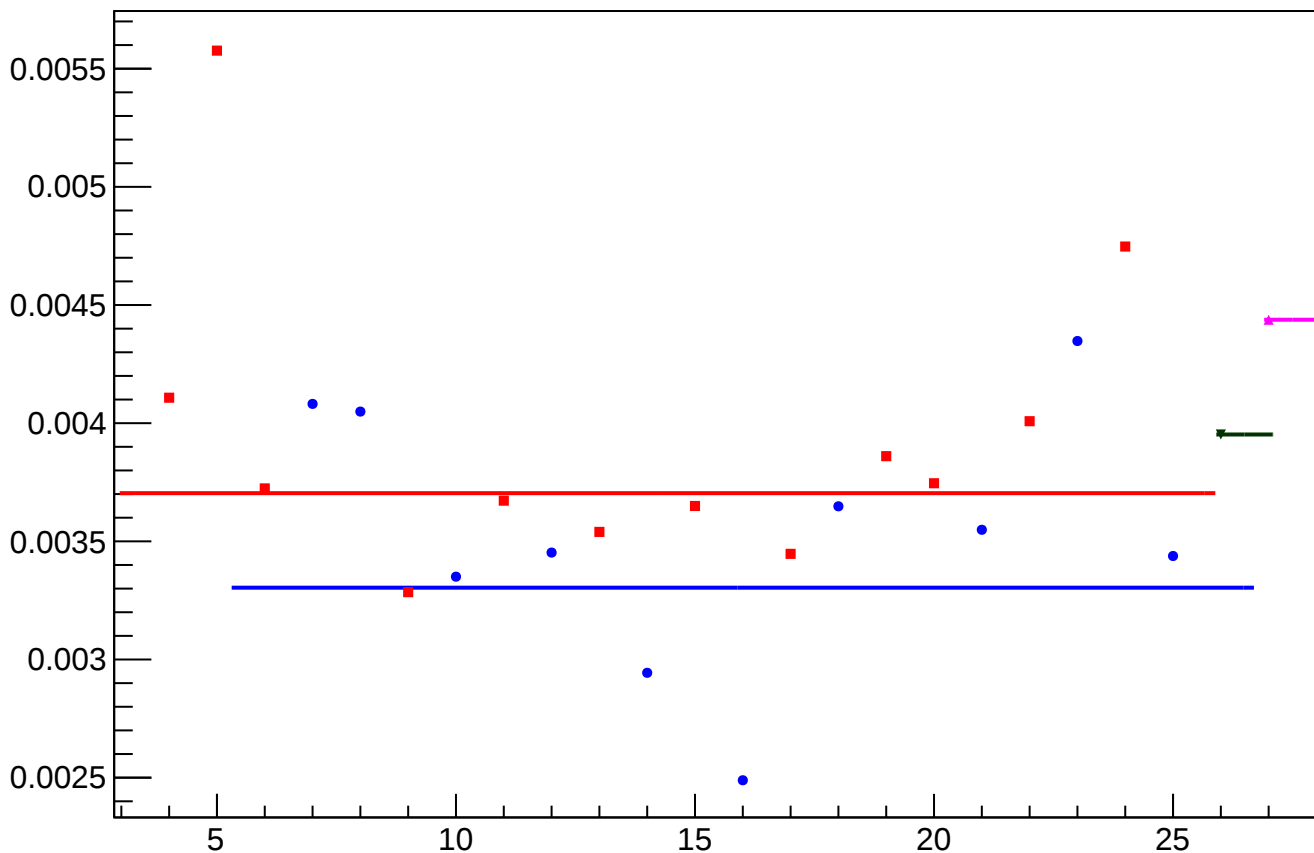
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.472+/-0.000 χ^2/NDF : 0.0/0

-0.292+/-0.000 χ^2/NDF : 2155278674.2/10

-0.303+/-0.000 χ^2/NDF : 1555596663.7/12

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 : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

0.003+/-0.000 χ^2/NDF : 331506.9/10

0.004+/-0.000 χ^2/NDF : 159434.4/12