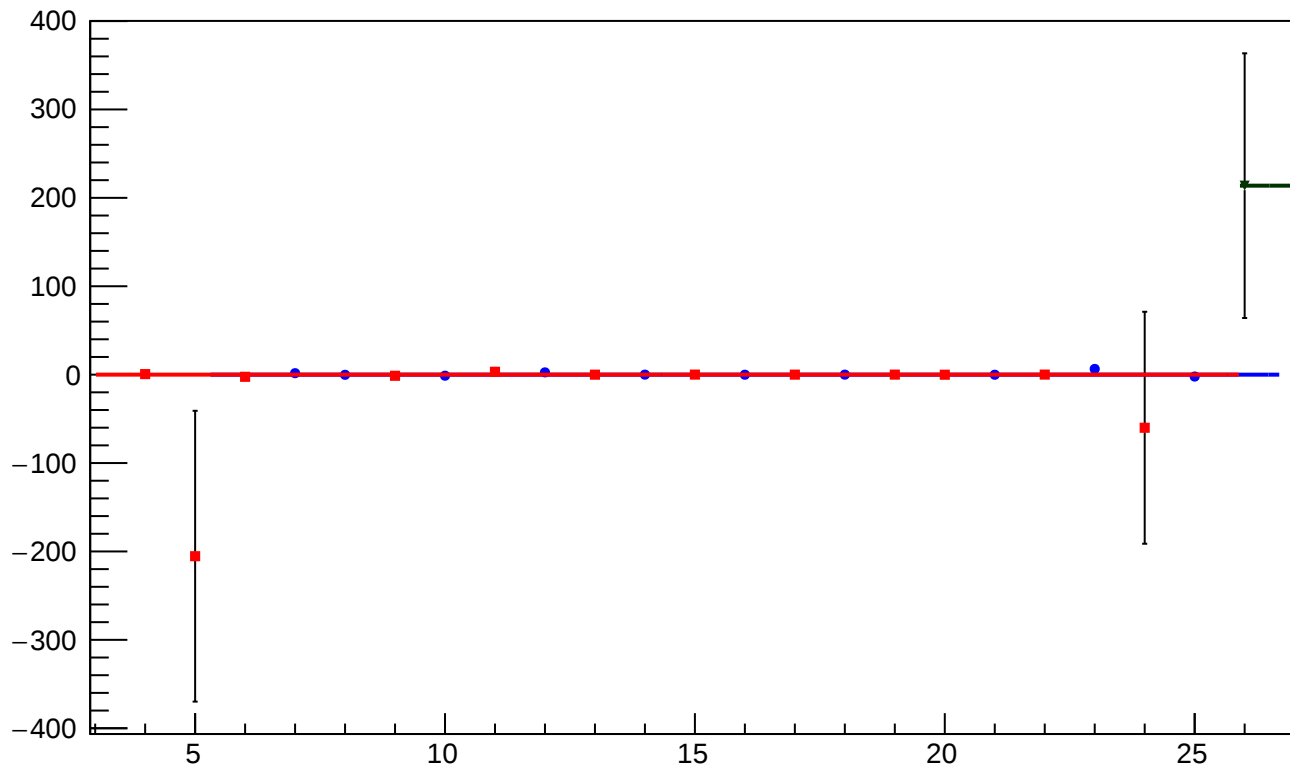


diff_cav4bX_mean vs slug



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: -213.787+/-149.700

χ^2/NDF : 0.0/0

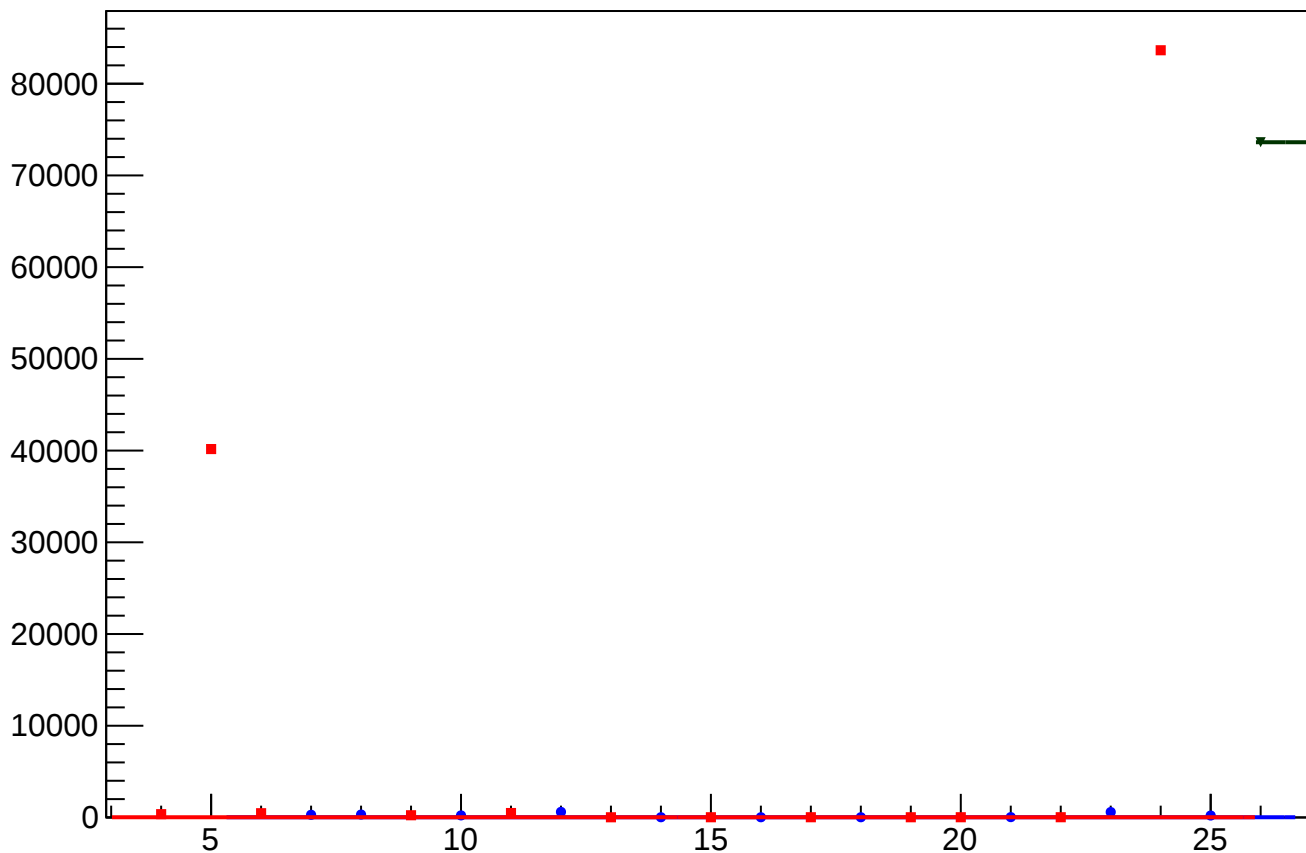
-0.014+/-0.014

χ^2/NDF : 20.0/10

0.017+/-0.016

χ^2/NDF : 19.3/11

diff_cav4bX_rms vs slug



Right In: 22.399 $\pm$ 0.010 χ^2 /NDF: 770487.0/9

Left Out: 73619.384 $\pm$ 105.854 χ^2 /NDF: 0.0/0

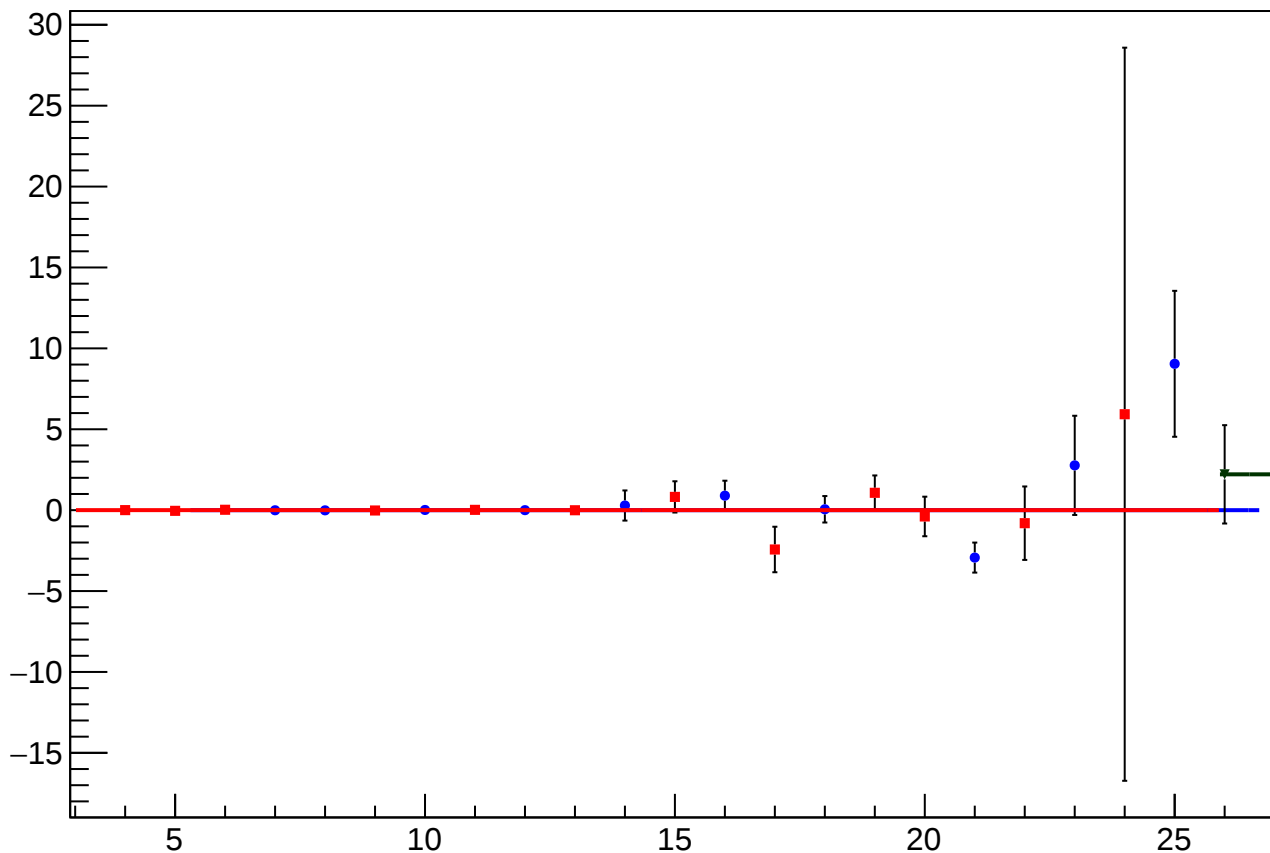
Right Out: 22.575 $\pm$ 0.011 χ^2 /NDF: 1409994.7/11

Left In: 73619.384 $\pm$ 105.854 χ^2 /NDF: 0.0/0

22.399 $\pm$ 0.010 χ^2 /NDF: 1253887.5/10

22.575 $\pm$ 0.011 χ^2 /NDF: 1409994.7/11

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

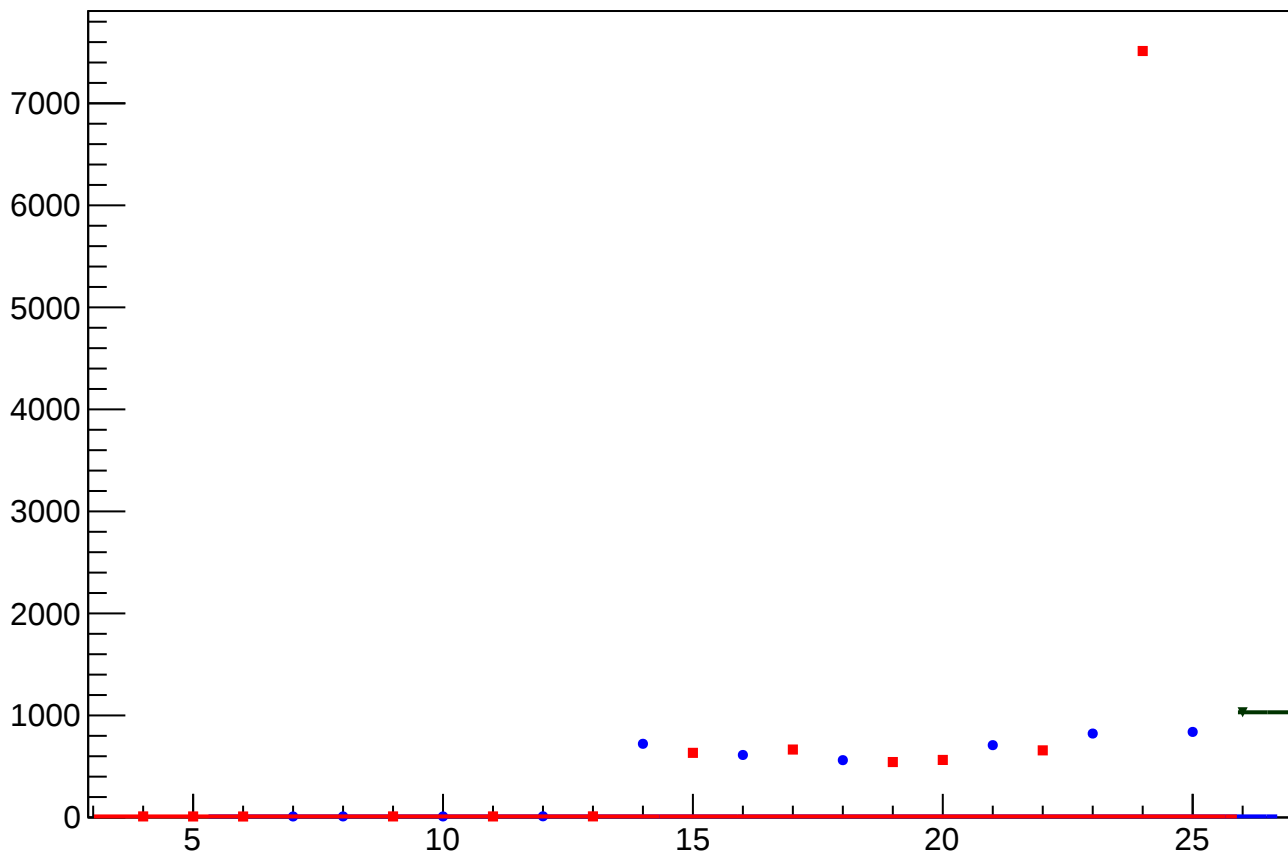
Right Out: 0.002+/-0.005 χ^2/NDF : 17.0/11

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

-0.001+/-0.006 χ^2/NDF : 18.7/10

0.002+/-0.005 χ^2/NDF : 17.0/11

diff_cav4bY_rms vs slug



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

Left Out: 1030.826 ± 2.149 χ^2/NDF : 0.0/0

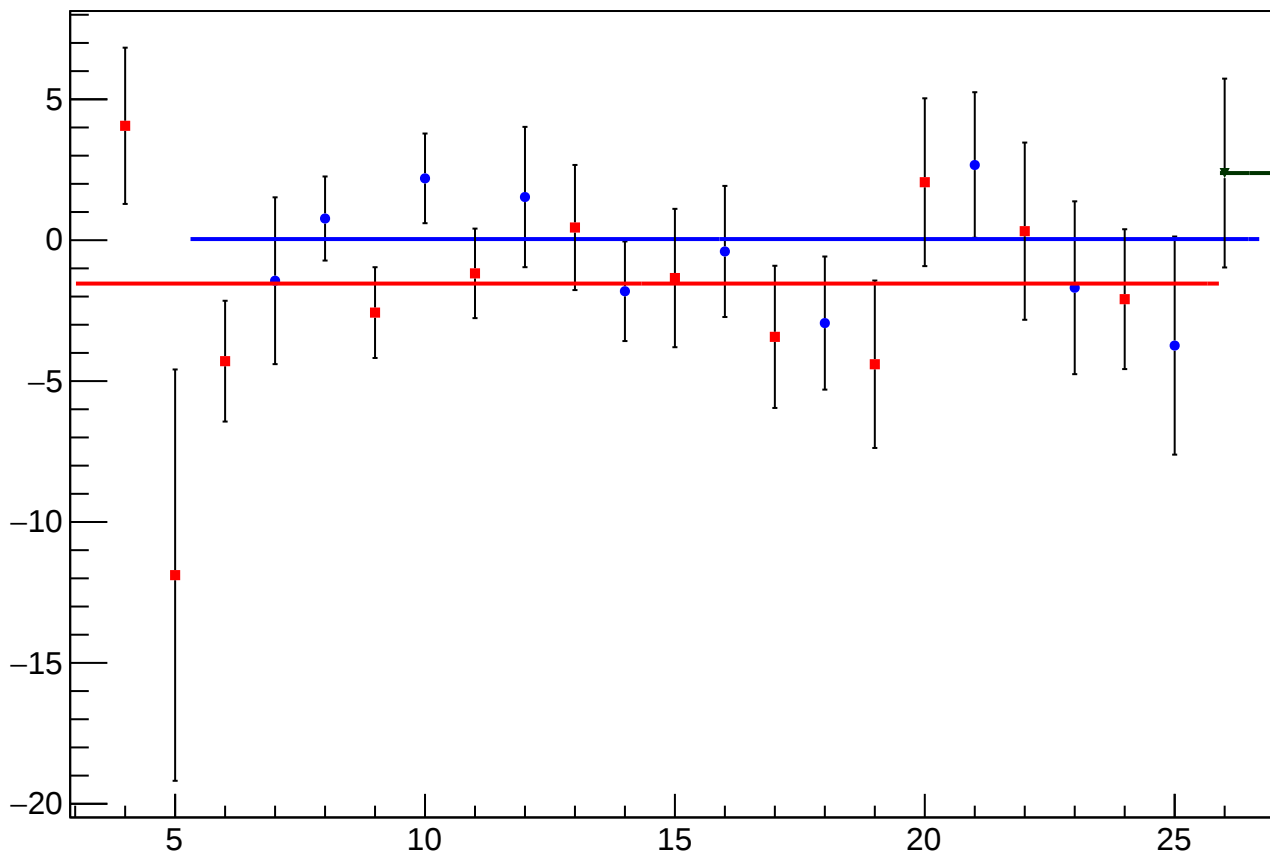
Right Out: 10.074 ± 0.004 χ^2/NDF : 2563210.4/11

Left In: 1030.826 ± 2.149 χ^2/NDF : 0.0/0

10.495 ± 0.005 χ^2/NDF : 4503305.6/10

10.074 ± 0.004 χ^2/NDF : 2563210.4/11

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

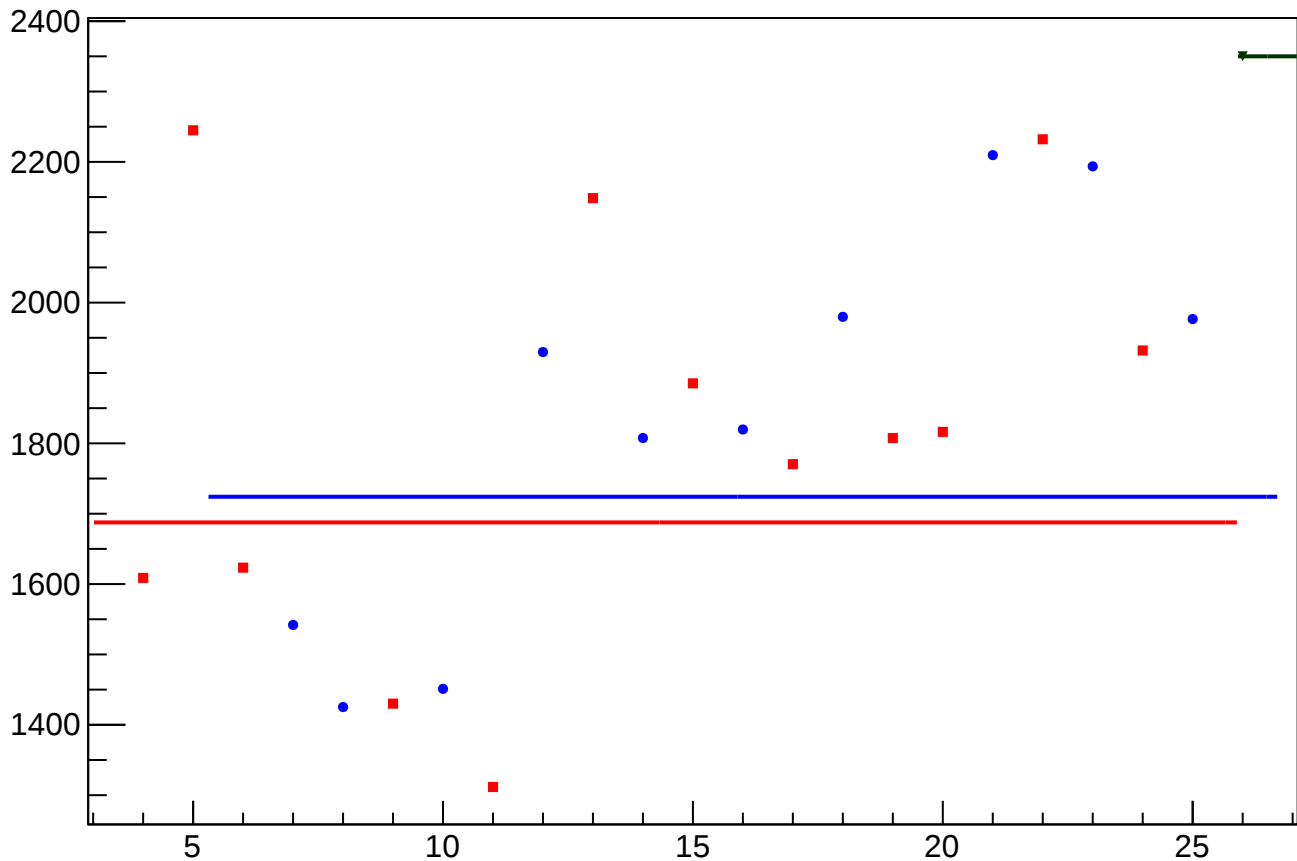
Right Out: -1.539+/-0.680 χ^2/NDF : 12.4/11

Left In: -2.383+/-3.350 χ^2/NDF : 0.0/0

0.134+/-0.672 χ^2/NDF : 8.2/10

-1.539+/-0.680 χ^2/NDF : 12.4/11

diff_cav4cX_rms vs slug



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

Left Out: 2349.999 $\pm$ 2.369 χ^2 /NDF: 0.0/0

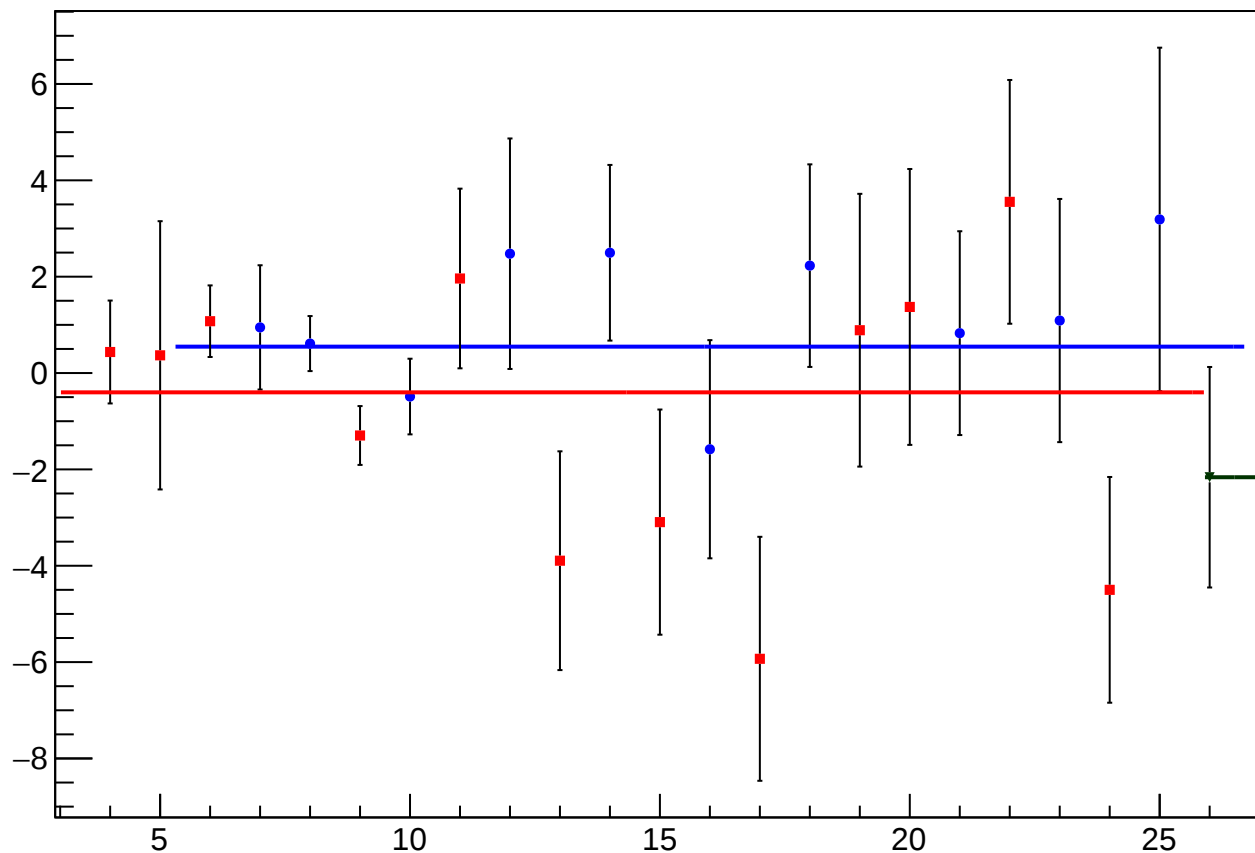
1749.268 $\pm$ 0.475 χ^2 /NDF: 384712.1/10

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

Left In: 2349.999 $\pm$ 2.369 χ^2 /NDF: 0.0/0

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

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

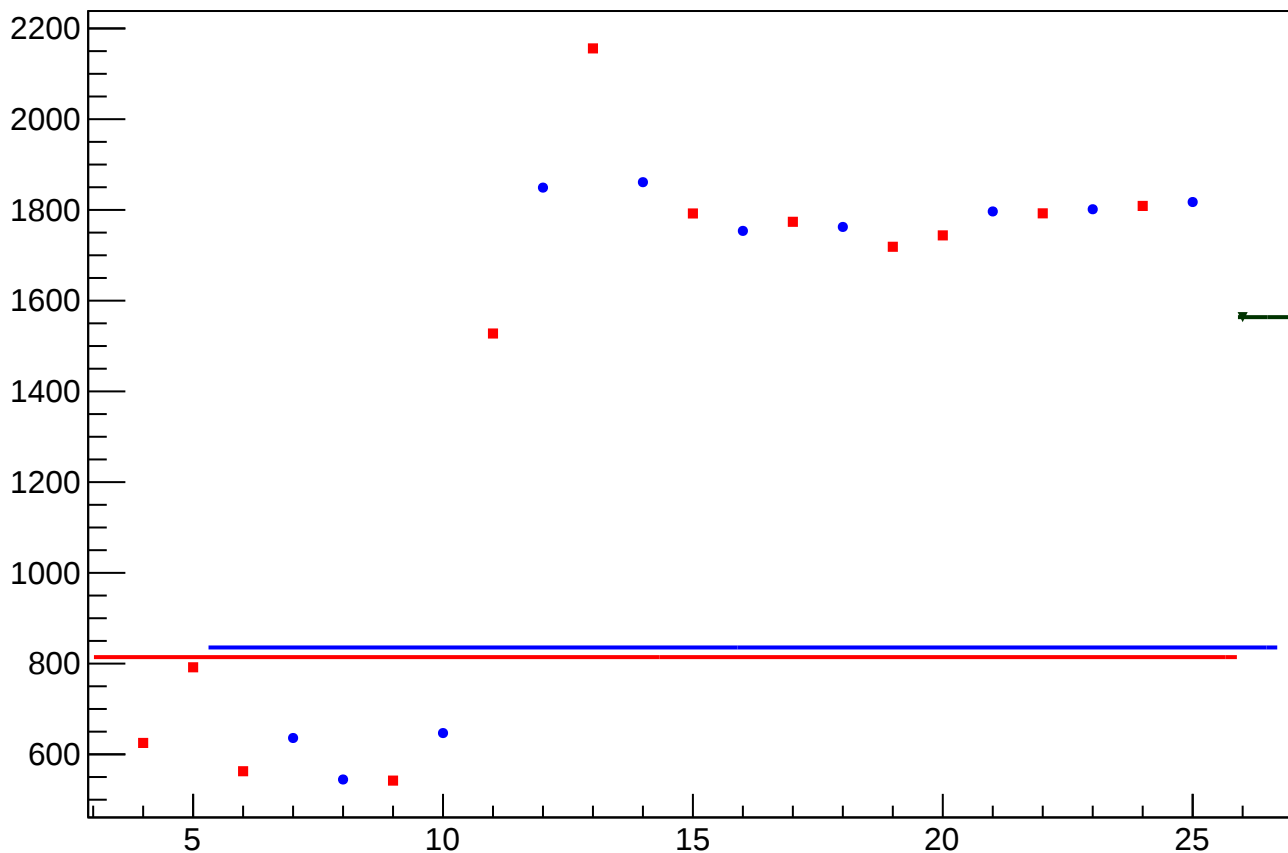
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

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

0.472 ± 0.382 χ^2/NDF : 7.1/10

-0.401 ± 0.381 χ^2/NDF : 23.0/11

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

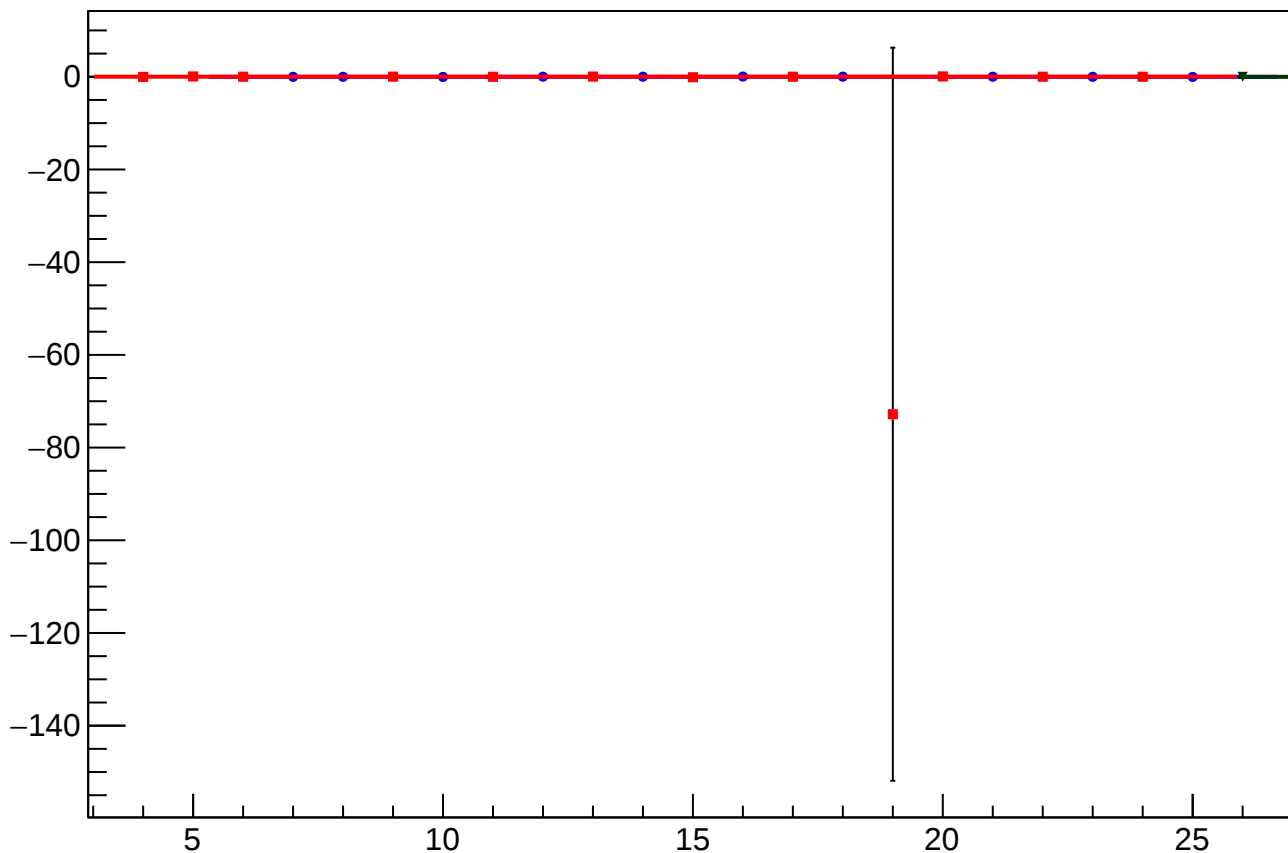
Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

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

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

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

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

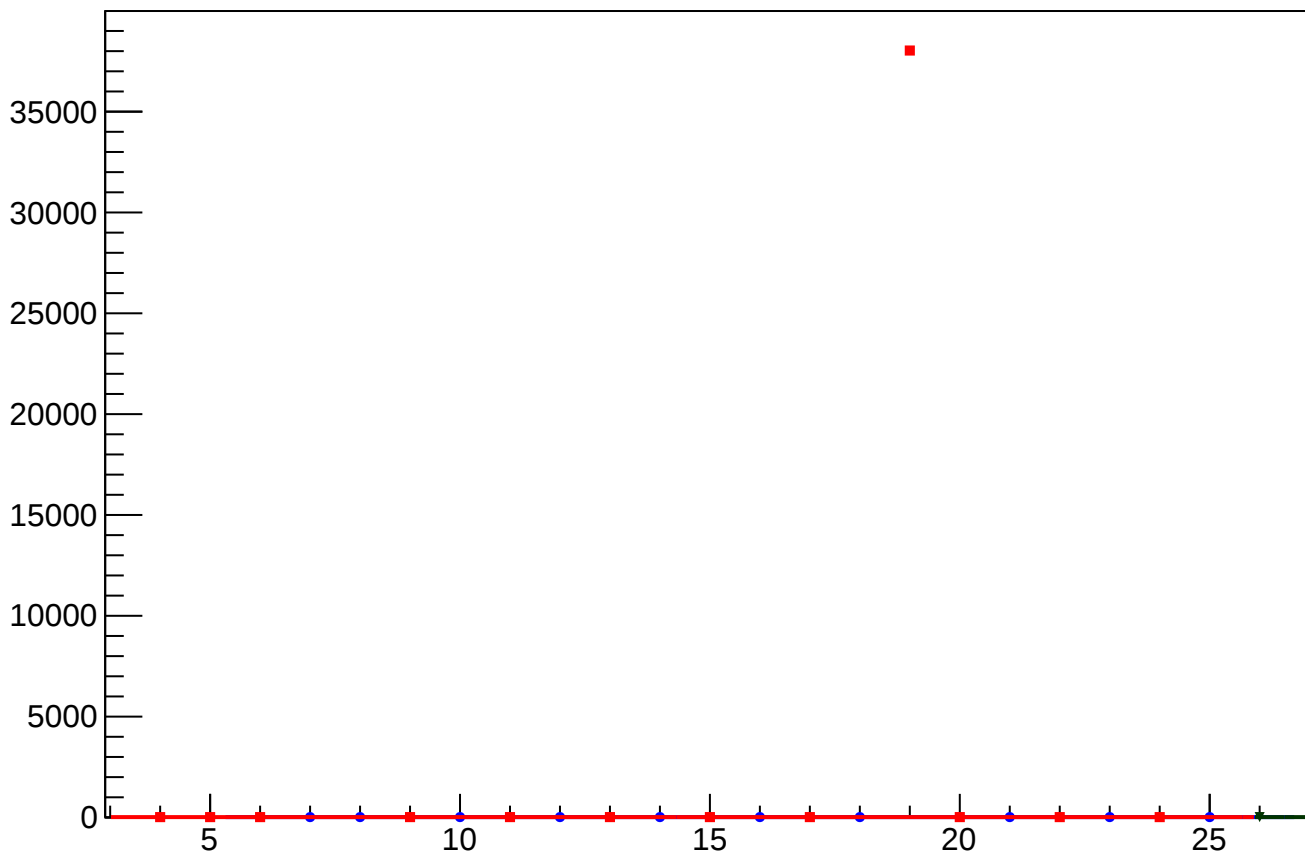
Right Out: 0.011+/-0.008 χ^2 /NDF: 11.3/11

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

-0.006+/-0.008 χ^2 /NDF: 6.1/10

0.011+/-0.008 χ^2 /NDF: 11.3/11

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

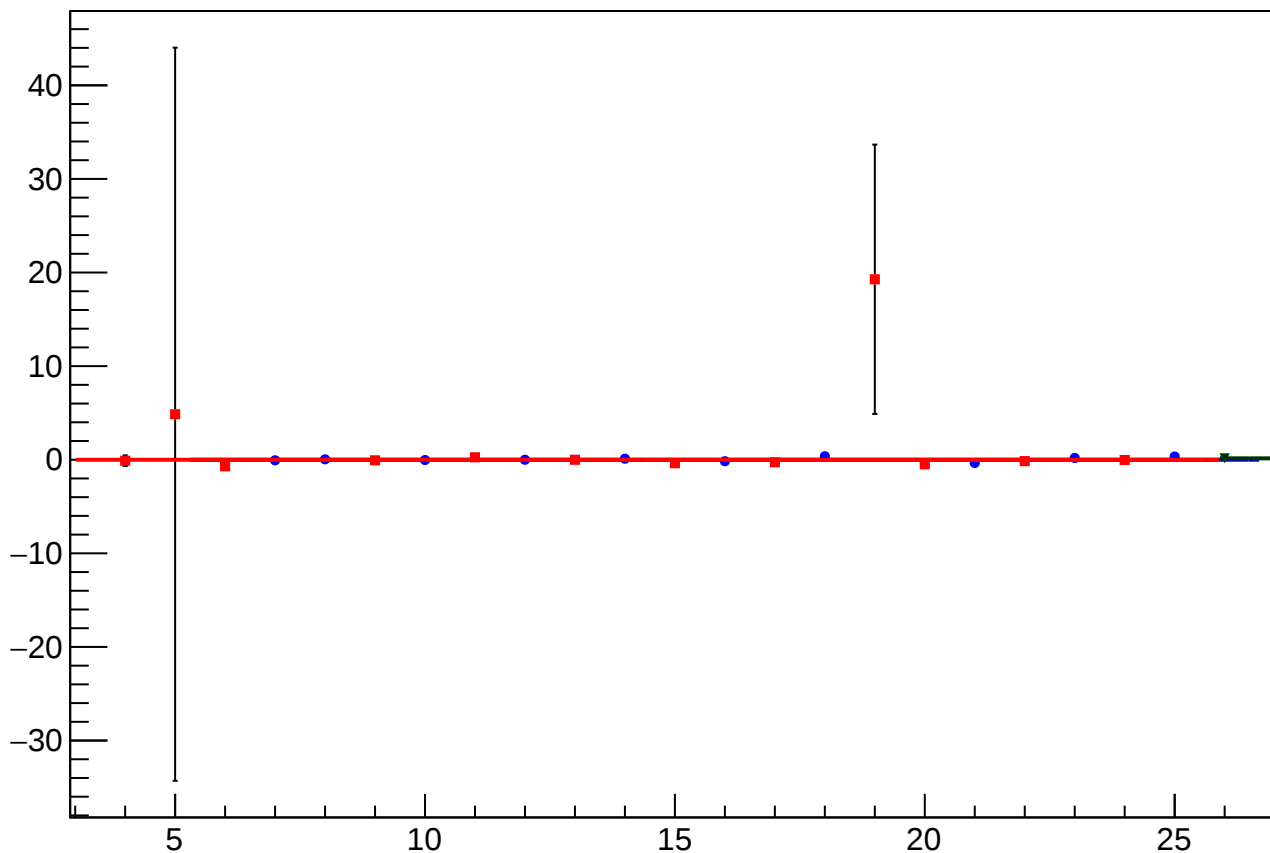
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

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

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

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

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

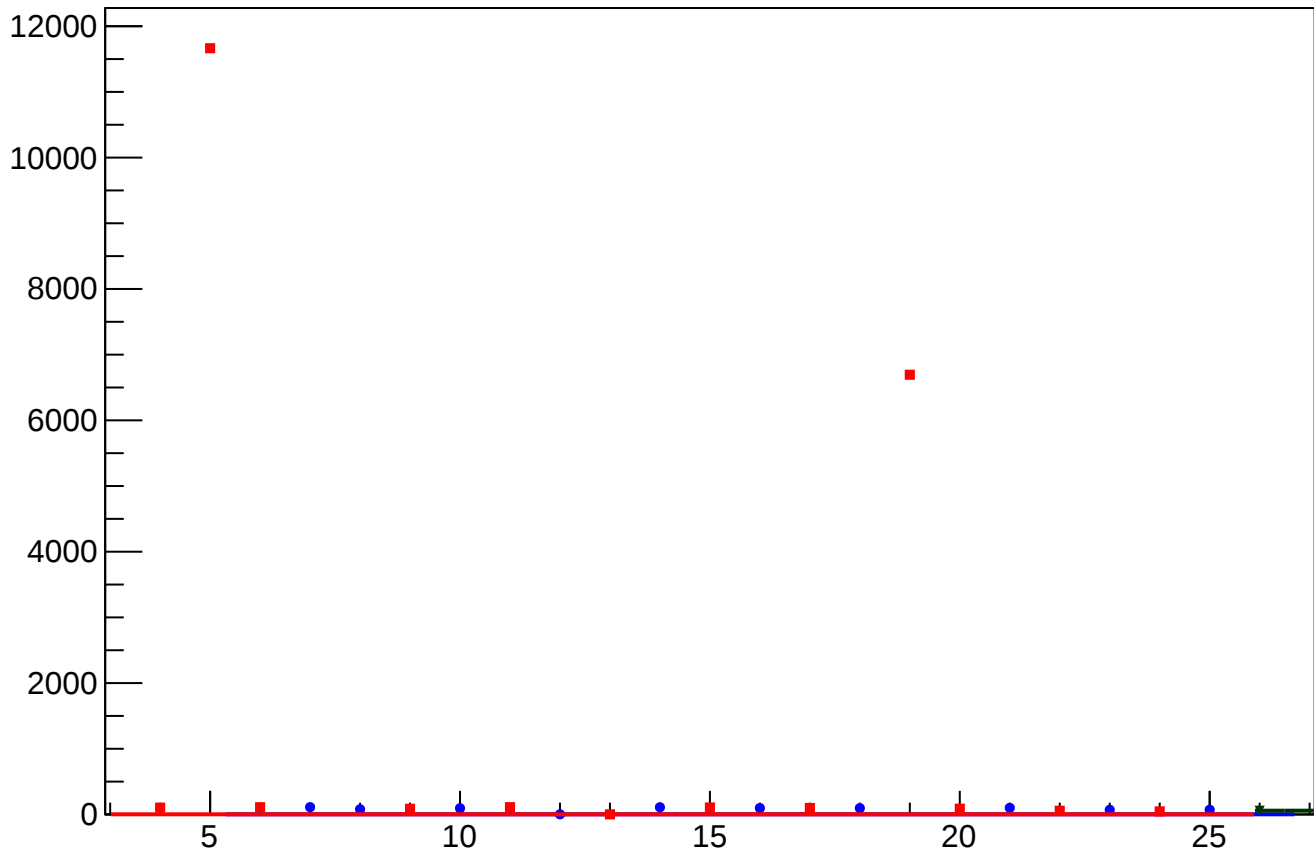
Right Out: -0.003+/-0.003 χ^2 /NDF: 12.3/11

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

-0.003+/-0.003 χ^2 /NDF: 15.7/10

-0.003+/-0.003 χ^2 /NDF: 12.3/11

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

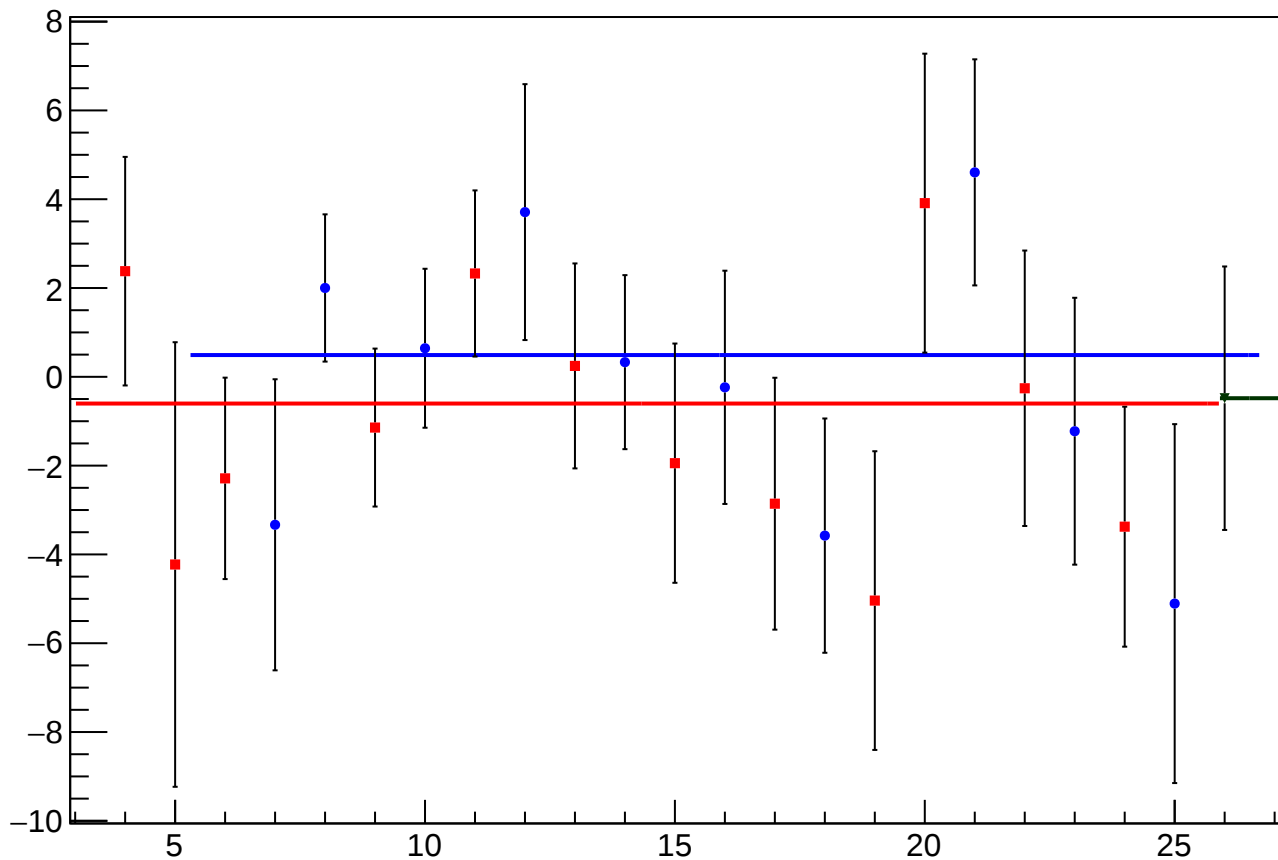
Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

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

2.151+/-0.002 χ^2/NDF : 6034028.6/10

2.056+/-0.002 χ^2/NDF : 4218182.0/11

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

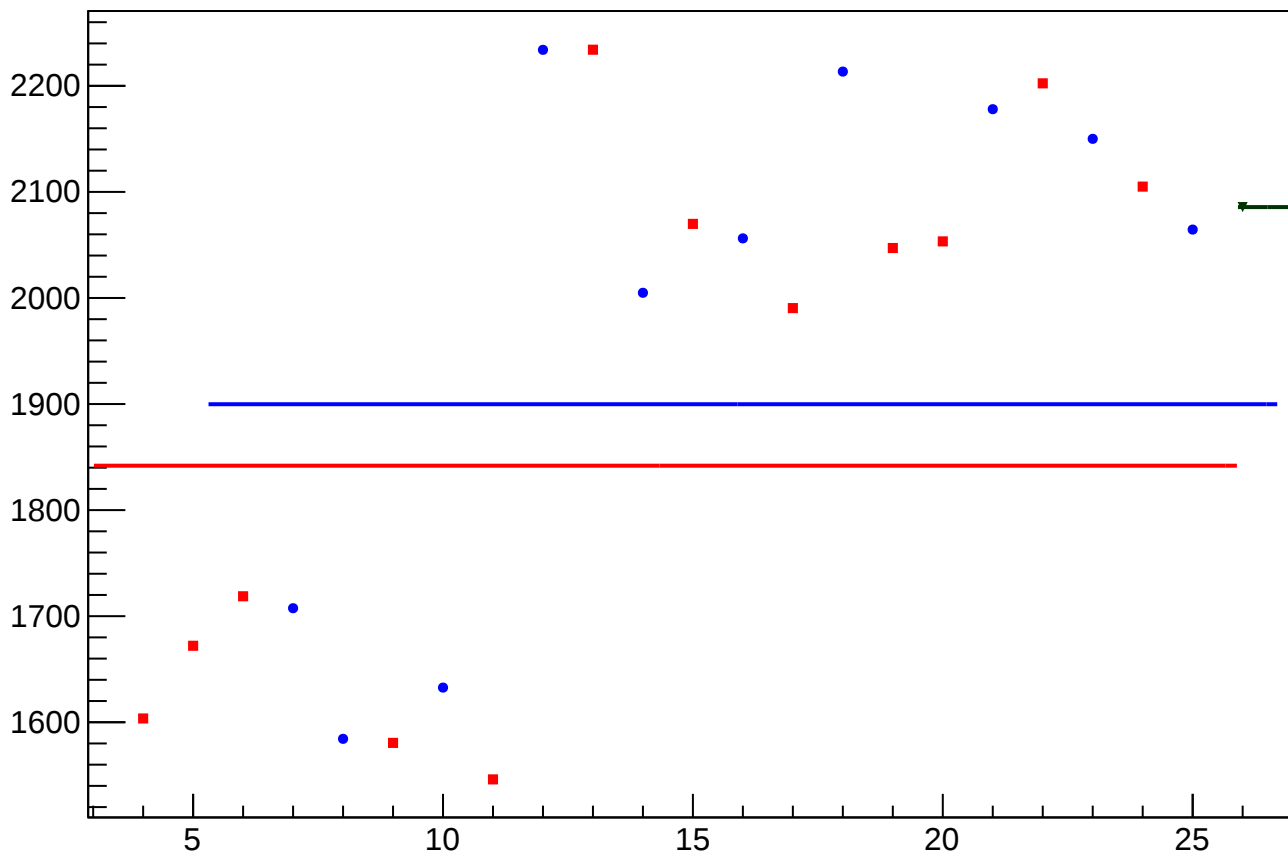
Right Out: -0.602+/-0.734 χ^2/NDF : 10.6/11

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

0.432+/-0.730 χ^2/NDF : 10.9/10

-0.602+/-0.734 χ^2/NDF : 10.6/11

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

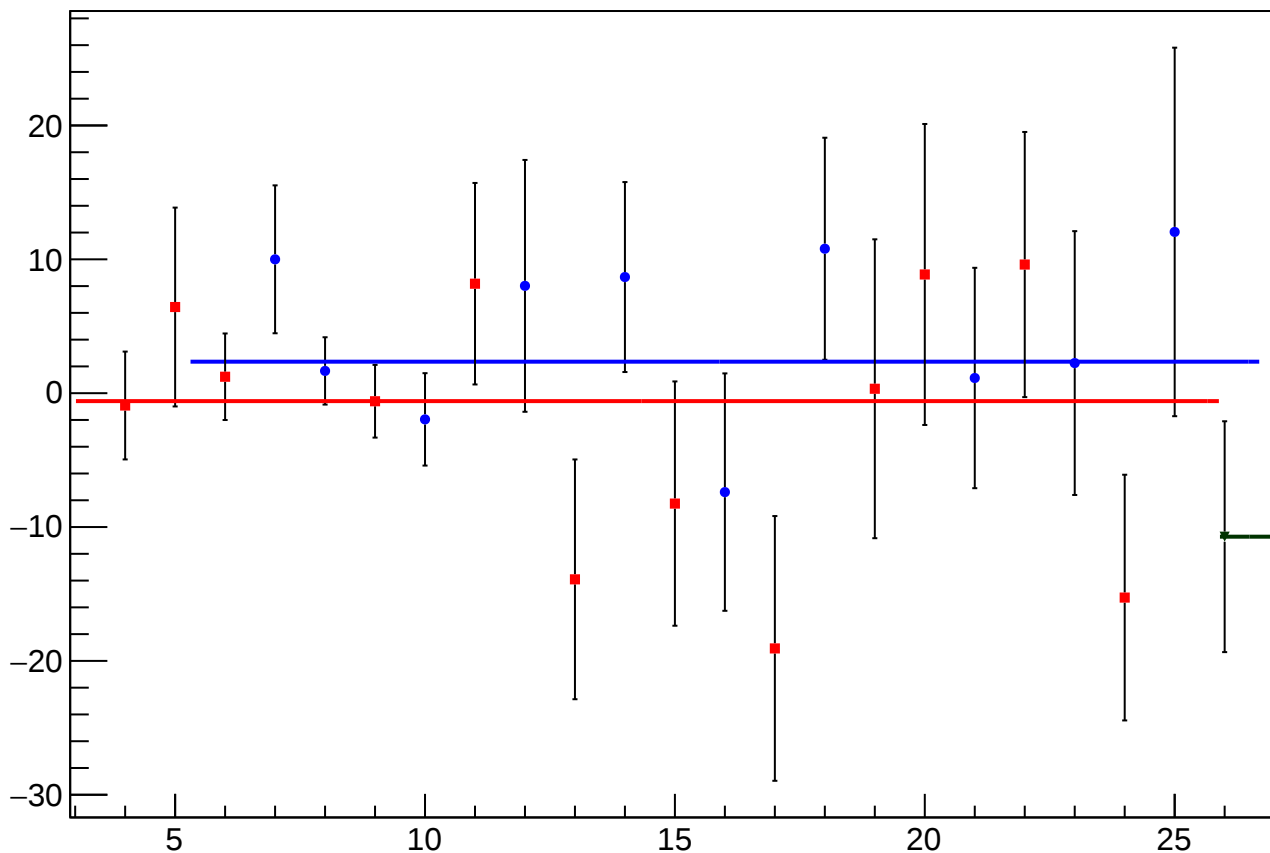
Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

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

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

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

diff_bpm4aY_mean vs slug



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

Left Out: -10.720+/-8.623 χ^2/NDF : 0.0/0

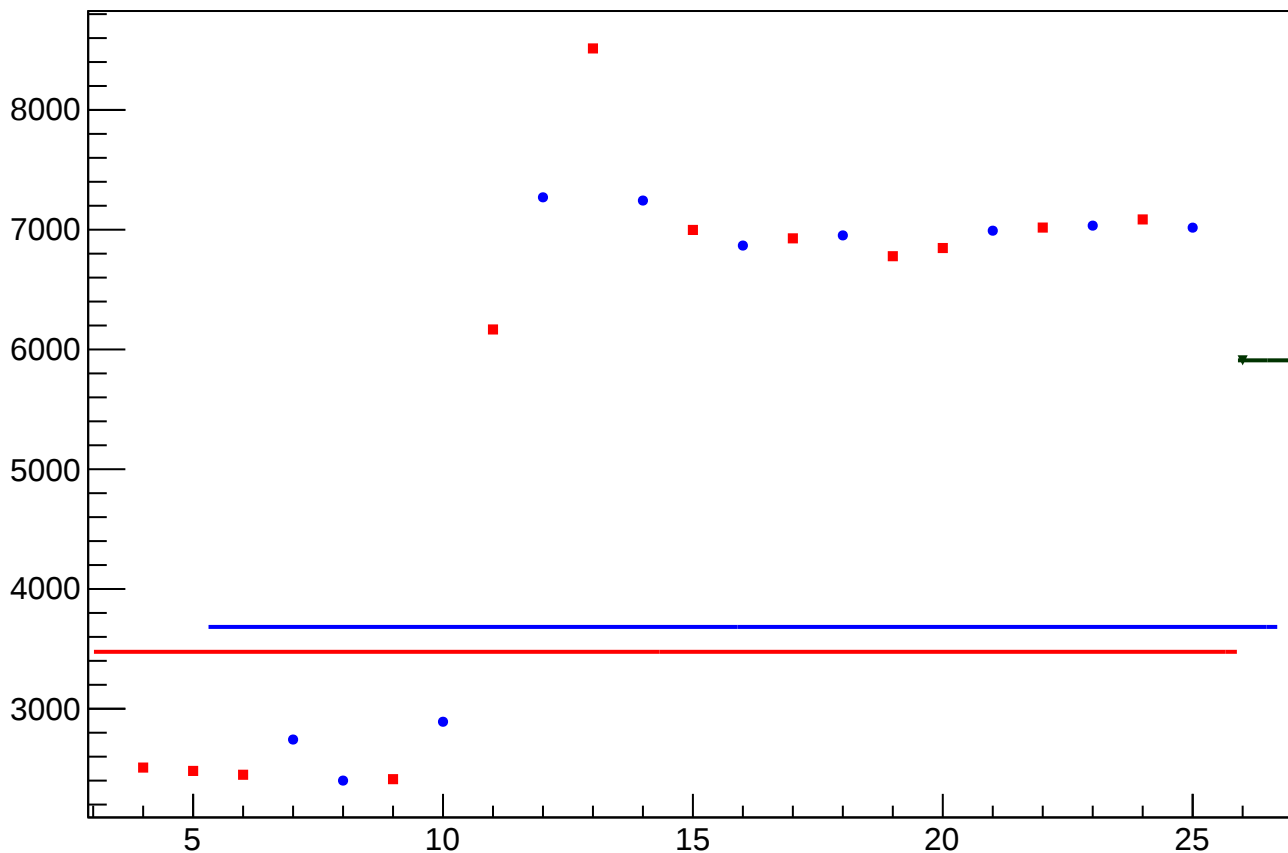
Right Out: -0.592+/-1.578 χ^2/NDF : 13.3/11

Left In: 10.720+/-8.623 χ^2/NDF : 0.0/0

1.887+/-1.629 χ^2/NDF : 9.7/10

-0.592+/-1.578 χ^2/NDF : 13.3/11

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

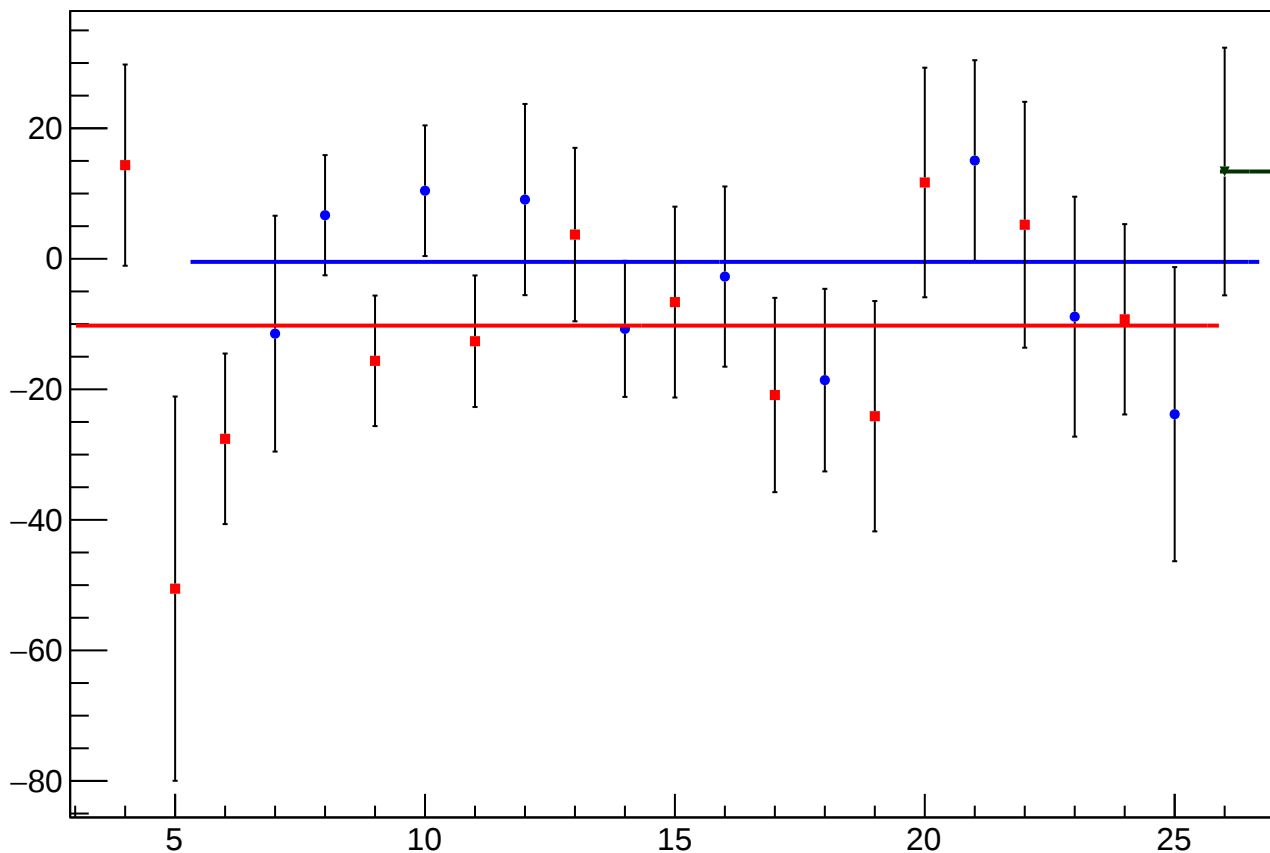
Right Out: 3475.466+/-1.116 χ^2/NDF : 3010113.2/11

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

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

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

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

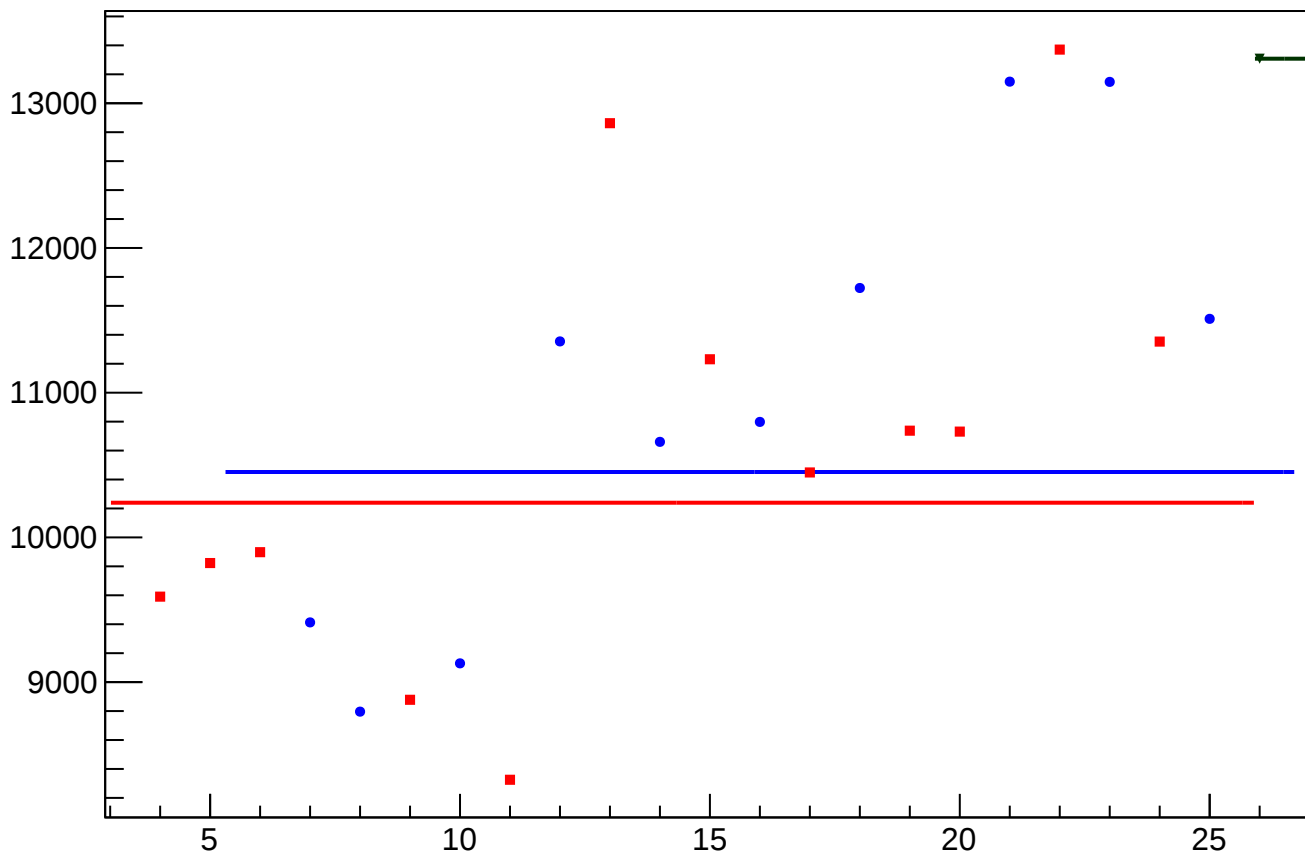
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

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

0.160 ± 4.049 χ^2/NDF : 8.1/10

-10.234 ± 4.087 χ^2/NDF : 11.1/11

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

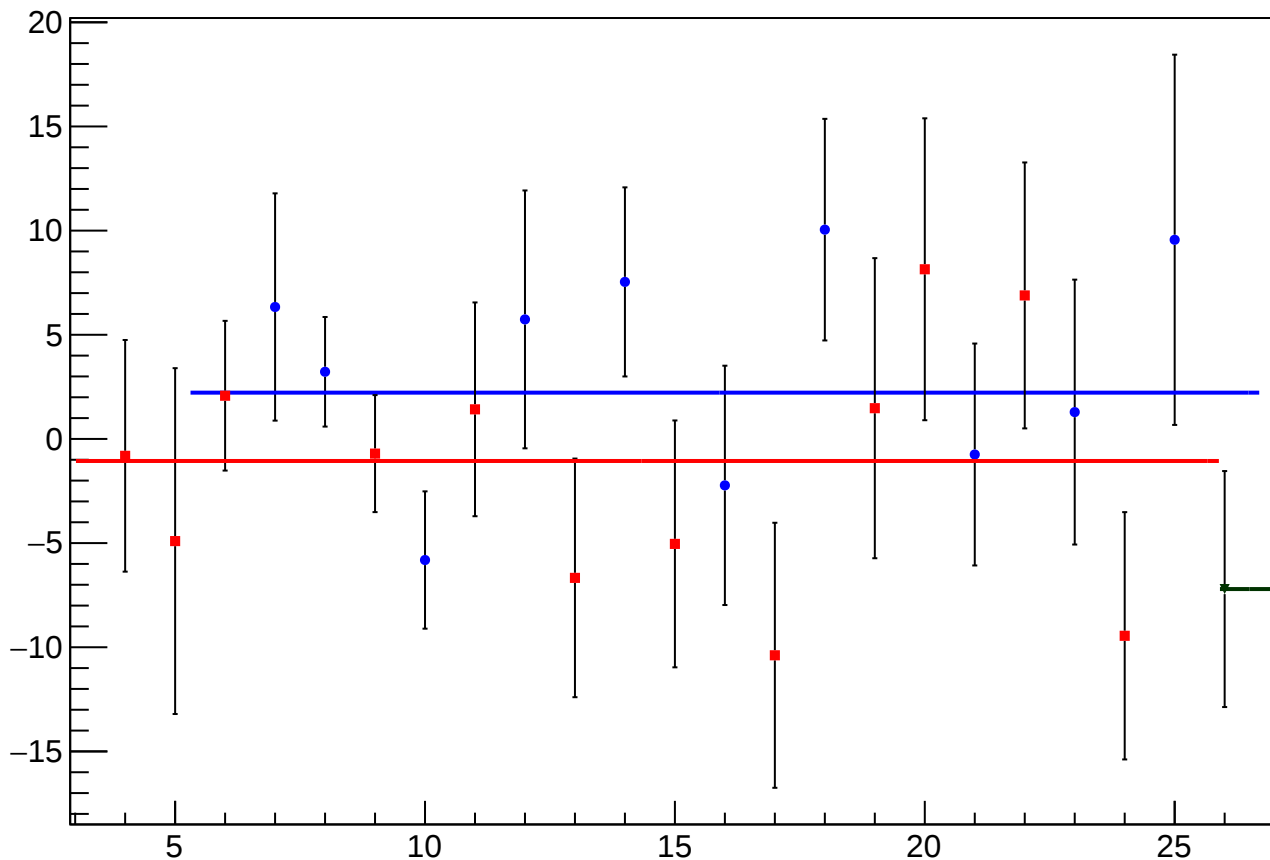
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

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

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

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

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

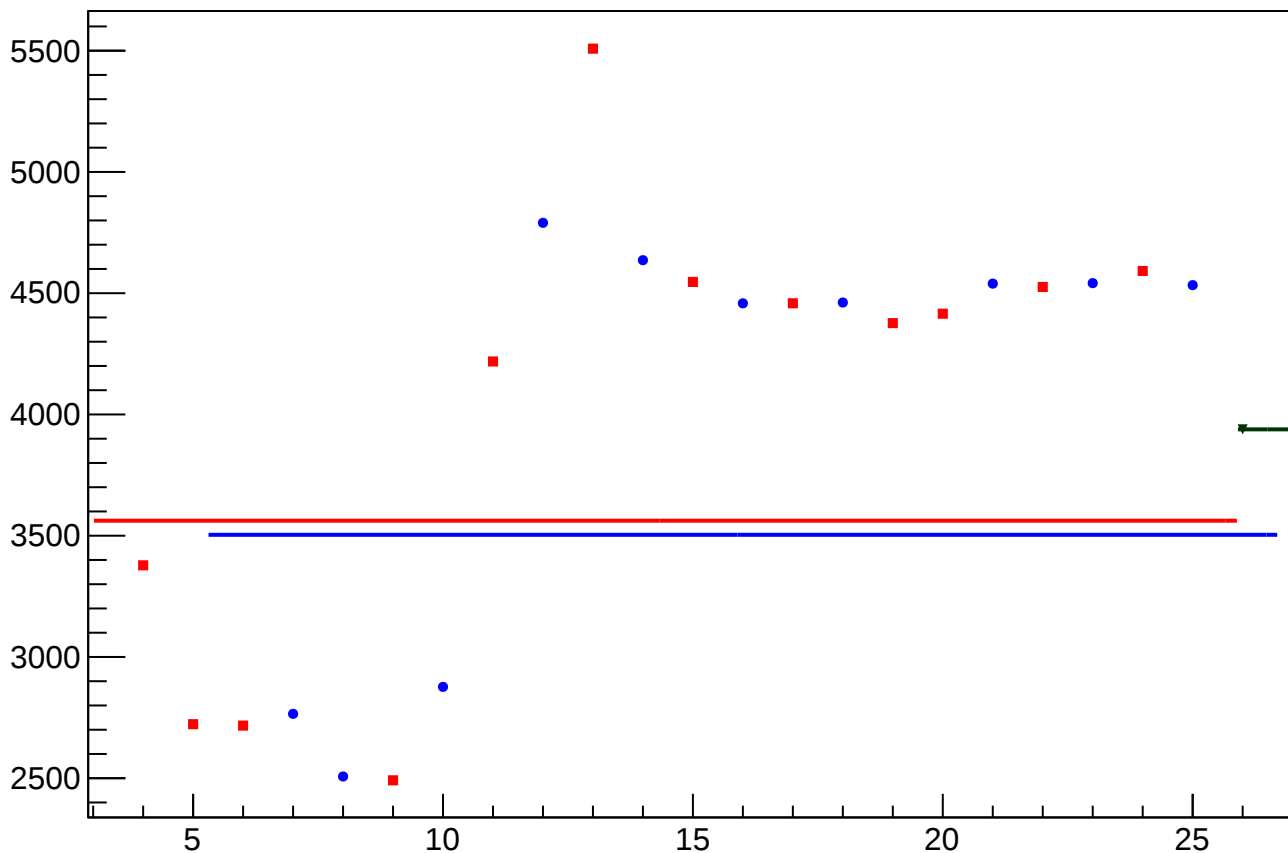
Right Out: -1.058+/-1.468 χ^2/NDF : 10.1/11

Left In: 7.206+/-5.665 χ^2/NDF : 0.0/0

1.651+/-1.394 χ^2/NDF : 14.7/10

-1.058+/-1.468 χ^2/NDF : 10.1/11

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

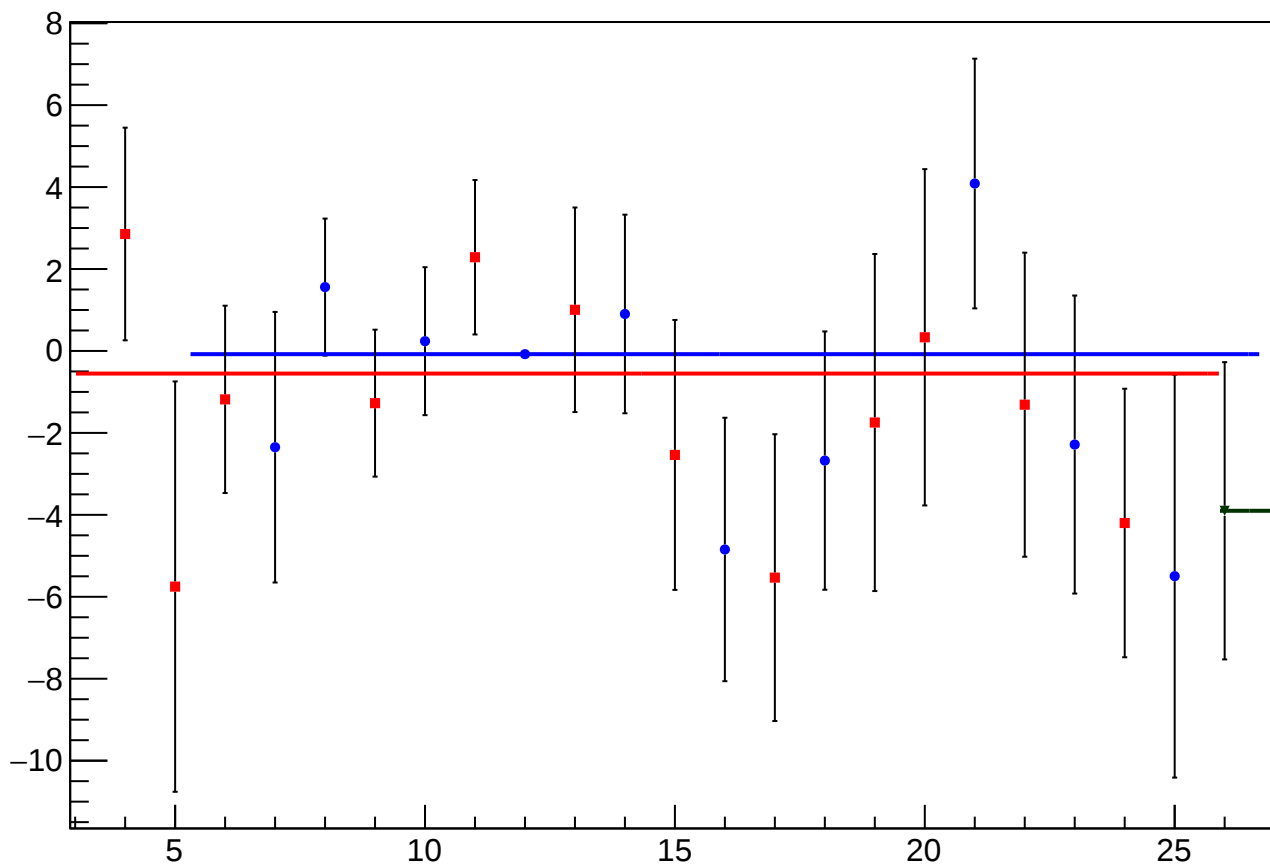
Right Out: 3561.943+/-1.038 χ^2/NDF : 941598.3/11

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

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

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

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

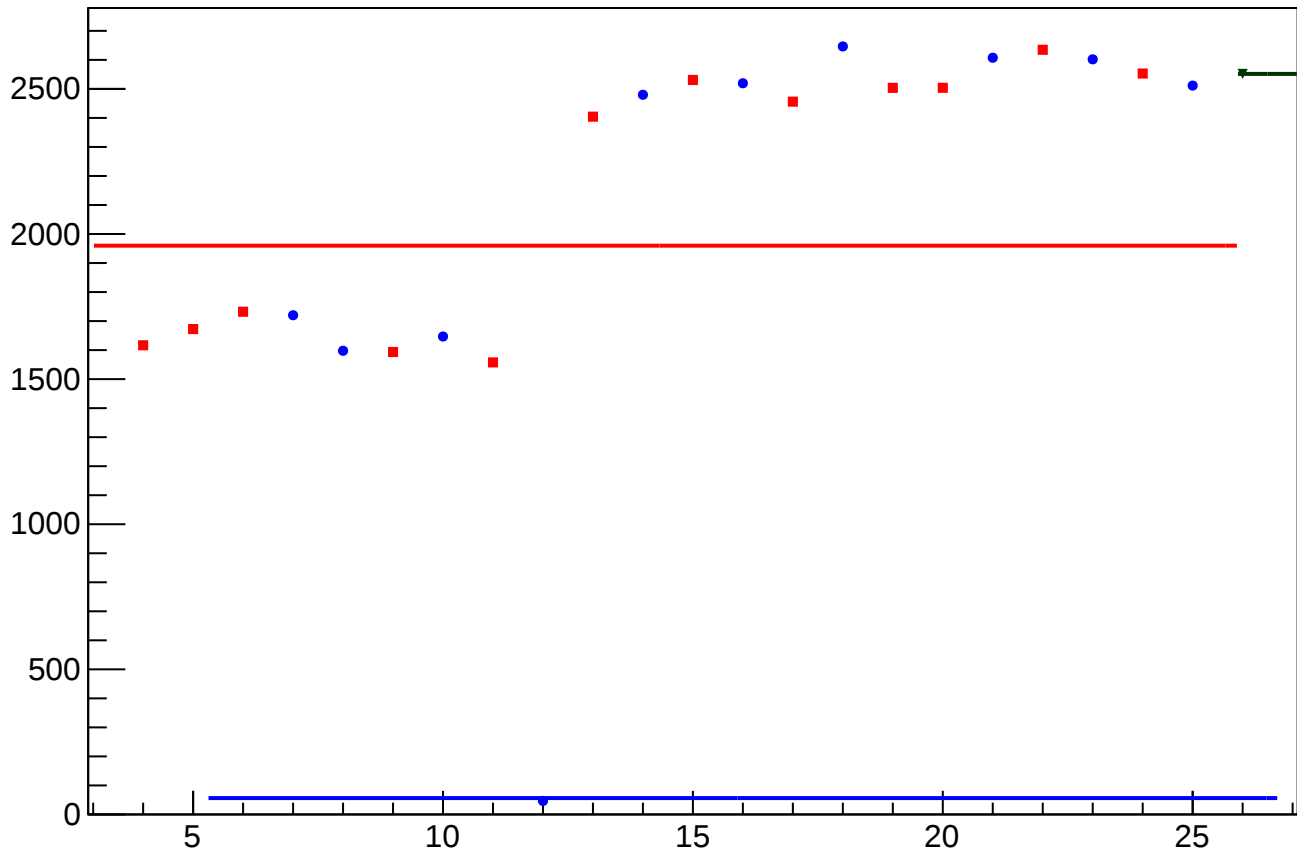
Right Out: -0.552+/-0.793 χ^2/NDF : 9.5/11

Left In: 3.901+/-3.628 χ^2/NDF : 0.0/0

-0.079+/-0.060 χ^2/NDF : 9.1/10

-0.552+/-0.793 χ^2/NDF : 9.5/11

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

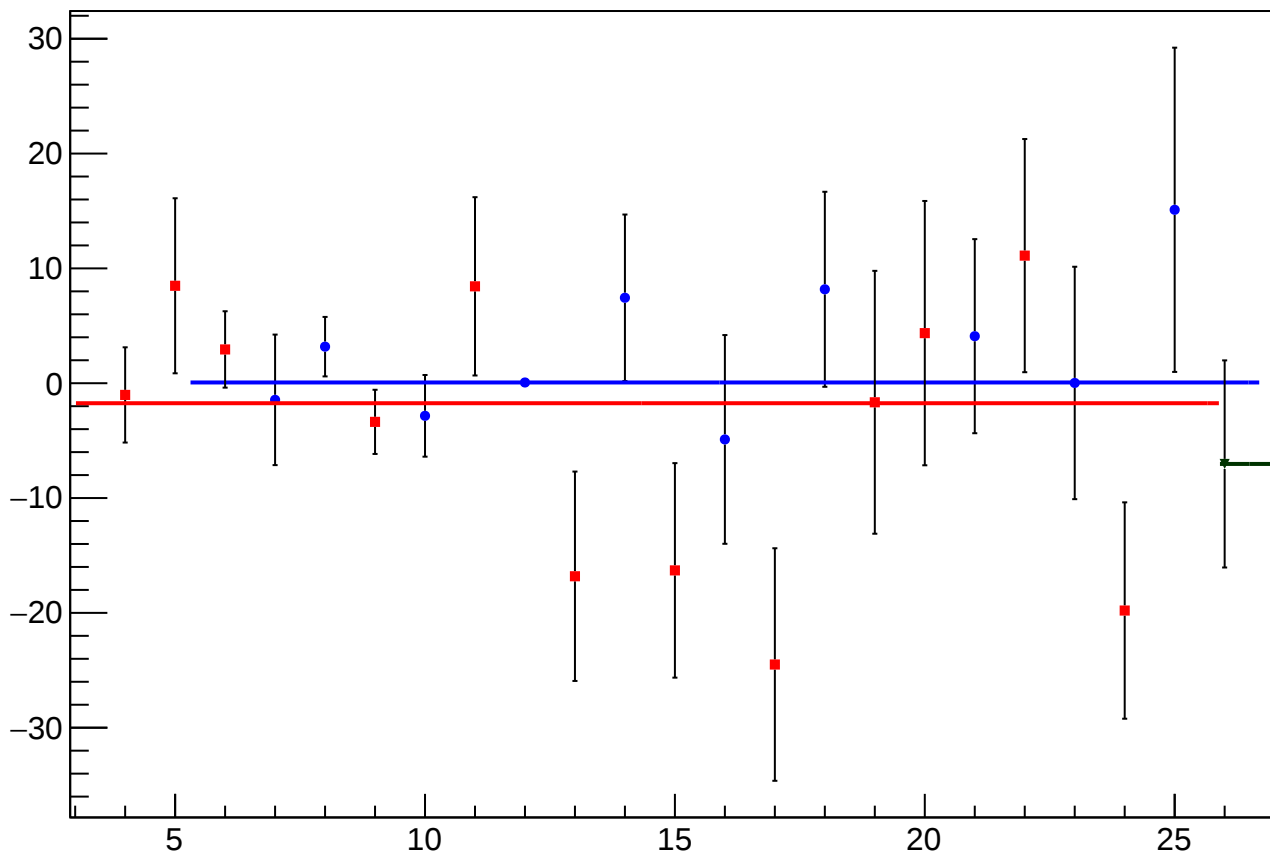
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

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

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

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

diff_bpm4acY_mean vs slug



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

Left Out: -7.030+/-9.019 χ^2/NDF : 0.0/0

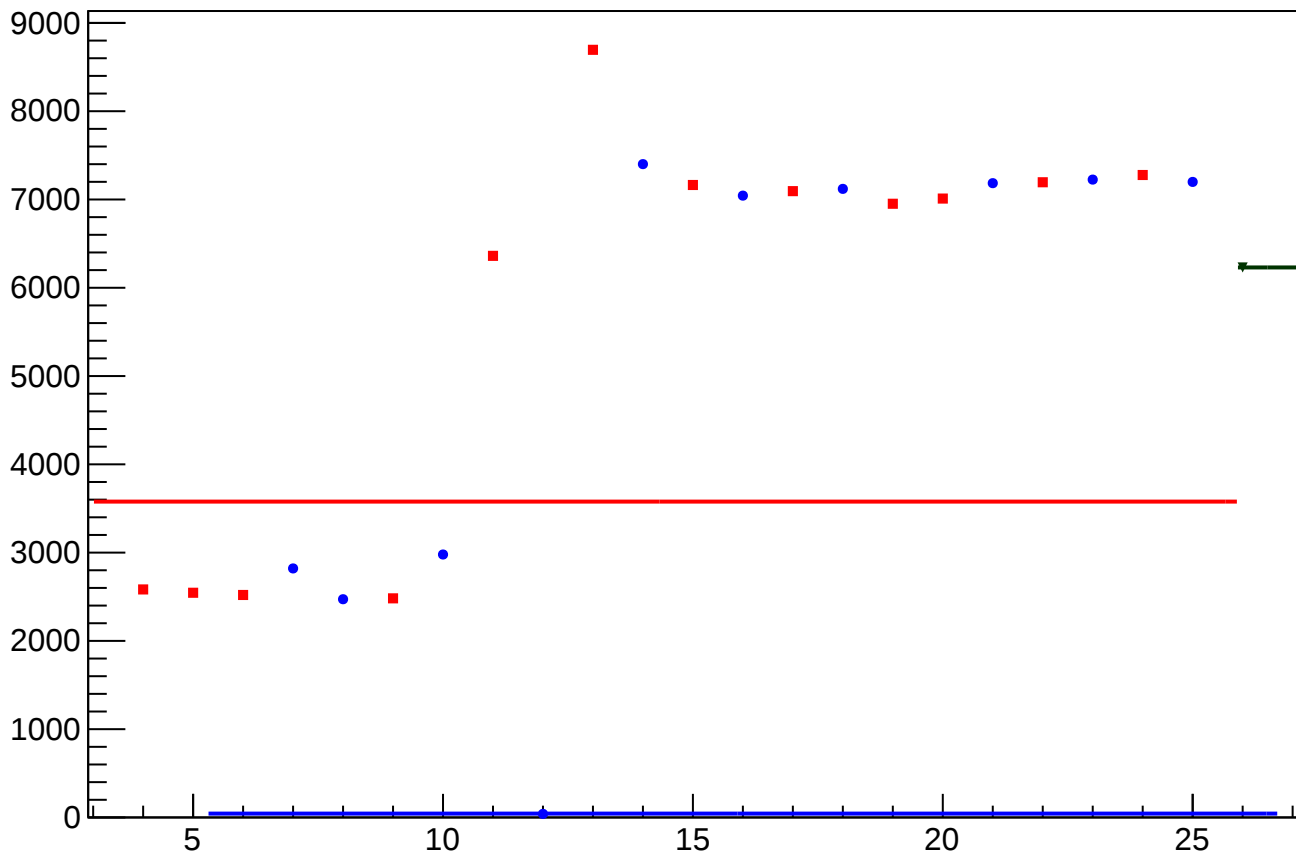
Right Out: -1.741+/-1.623 χ^2/NDF : 21.6/11

Left In: 7.030+/-9.019 χ^2/NDF : 0.0/0

0.065+/-0.052 χ^2/NDF : 6.4/10

-1.741+/-1.623 χ^2/NDF : 21.6/11

diff_bpm4acY_rms vs slug



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

Left Out: 6230.212 $\pm$ 6.377 χ^2/NDF : 0.0/0

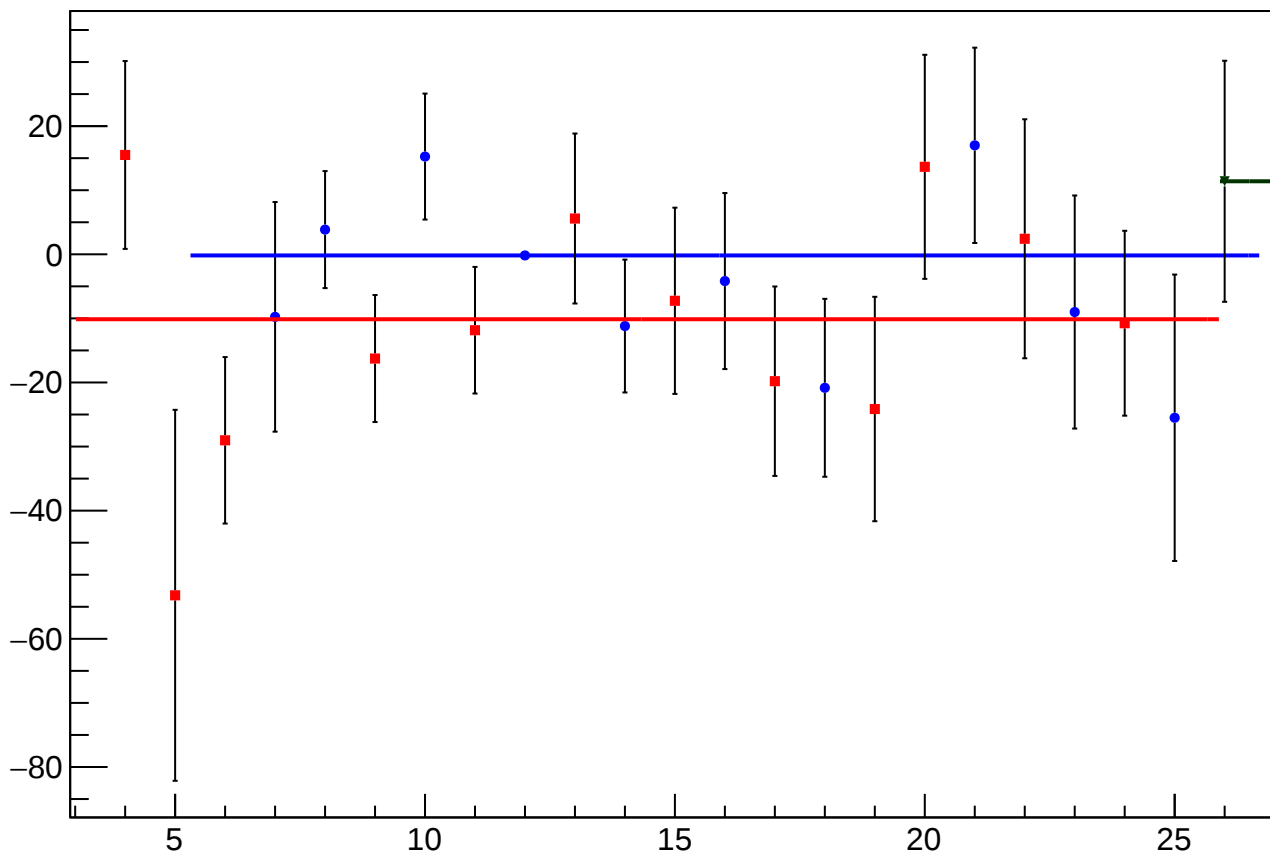
43.838 $\pm$ 0.037 χ^2/NDF : 12131326.7/10

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

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

Left In: 6230.212 $\pm$ 6.377 χ^2/NDF : 0.0/0

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

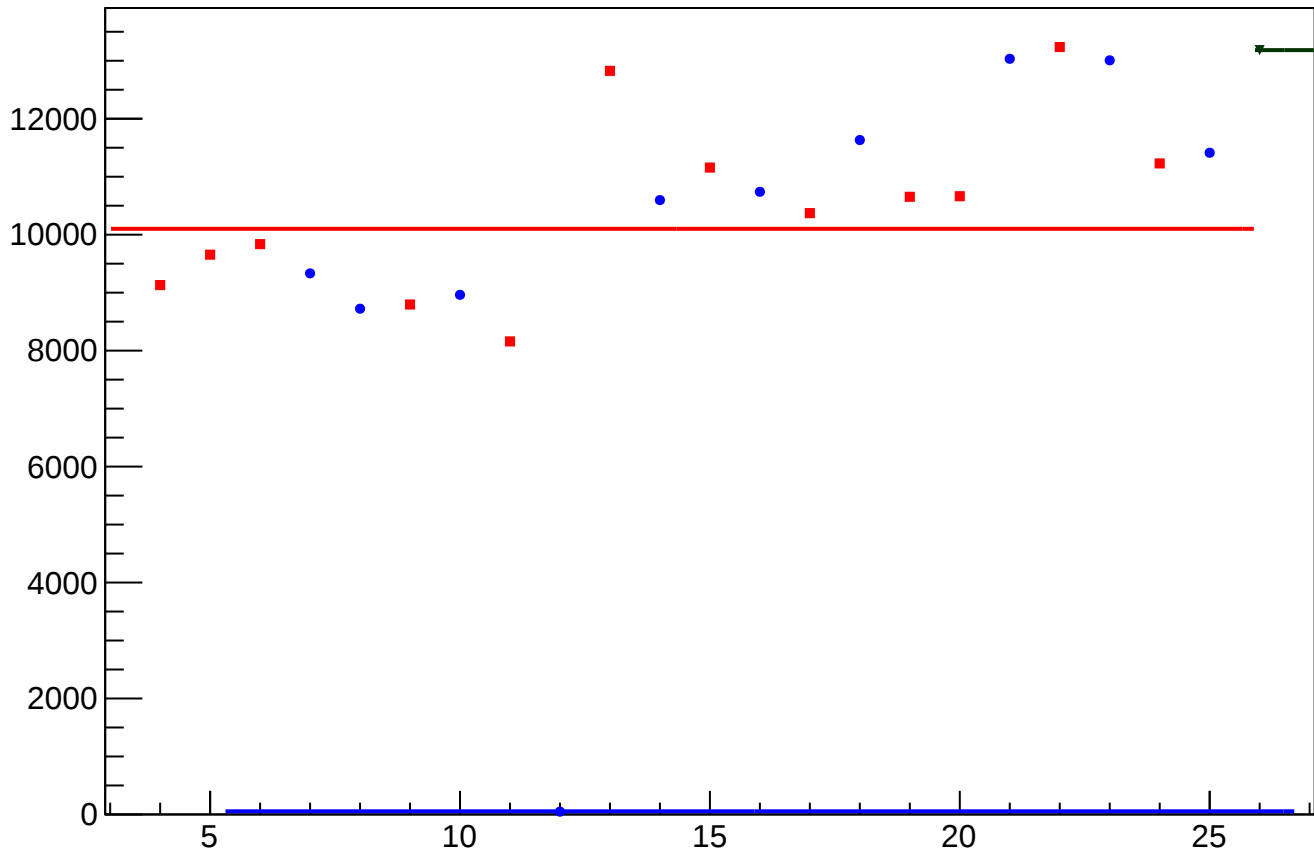
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

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

-0.177 ± 0.107 χ^2/NDF : 9.5/10

-10.134 ± 4.035 χ^2/NDF : 12.6/11

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

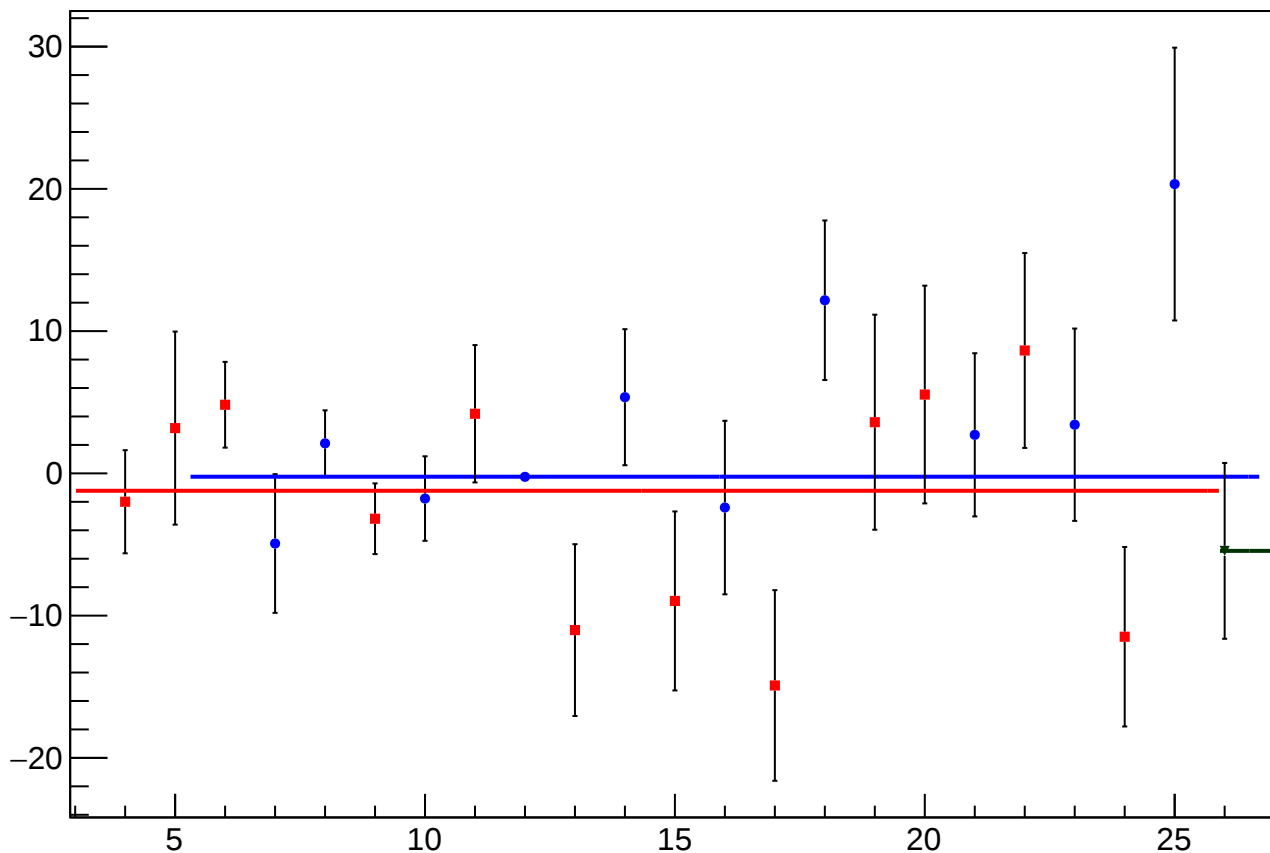
Right Out: 10101.257+/-2.853 χ^2/NDF : 290554.5/11

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

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

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

diff_bpm4ecY_mean vs slug



Right In: -0.234 $\pm$ 0.090 χ^2 /NDF: 13.8/9

Left Out: -5.448 $\pm$ 6.180 χ^2 /NDF:0.0/0

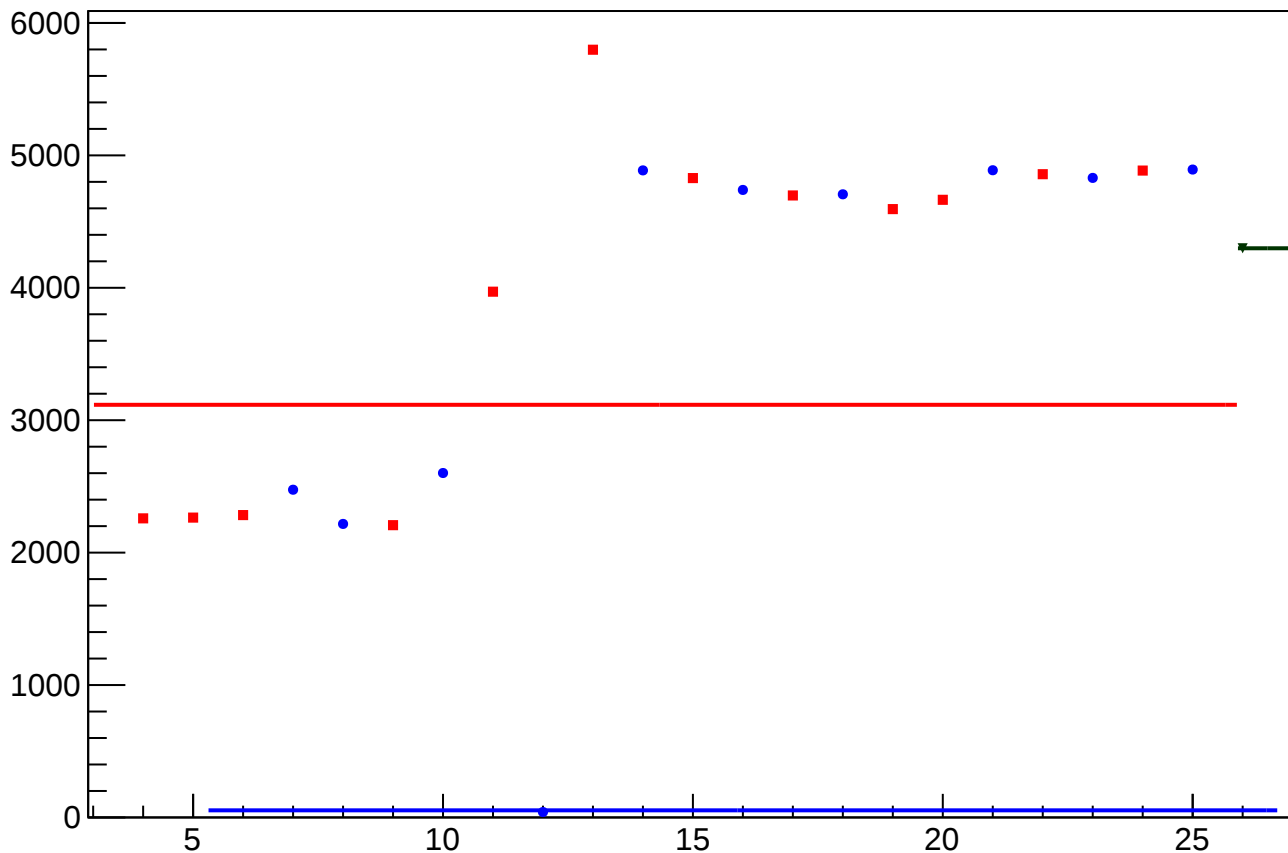
Right Out: -1.223 $\pm$ 1.326 χ^2 /NDF: 20.6/11

Left In: 5.448 $\pm$ 6.180 χ^2 /NDF:0.0/0

-0.236 $\pm$ 0.090 χ^2 /NDF: 14.5/10

-1.223 $\pm$ 1.326 χ^2 /NDF: 20.6/11

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

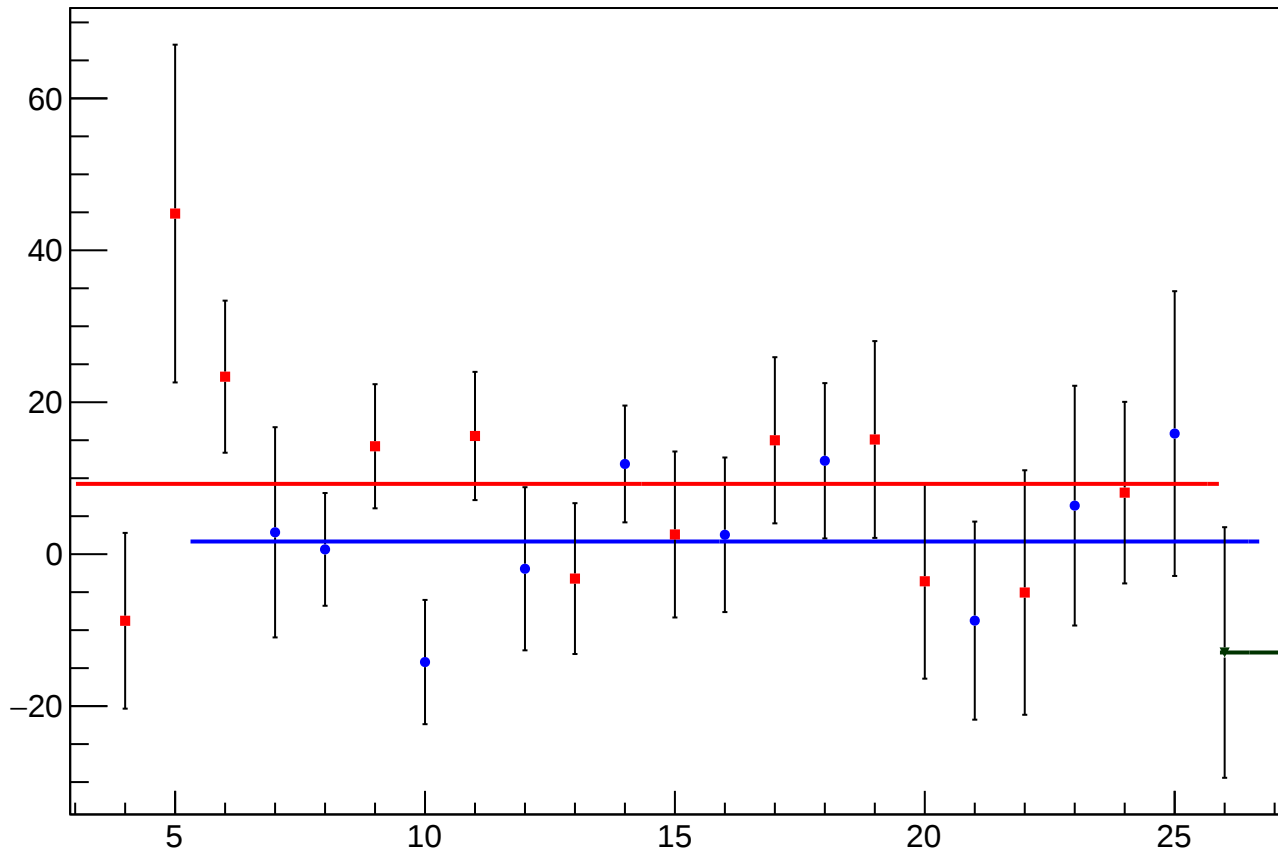
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

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

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

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

diff_bpm1X_mean vs slug



Right In: 1.669 $\pm$ 3.229 χ^2 /NDF: 8.1/9

Left Out: -12.942 $\pm$ 16.494 χ^2 /NDF: 0.0/0

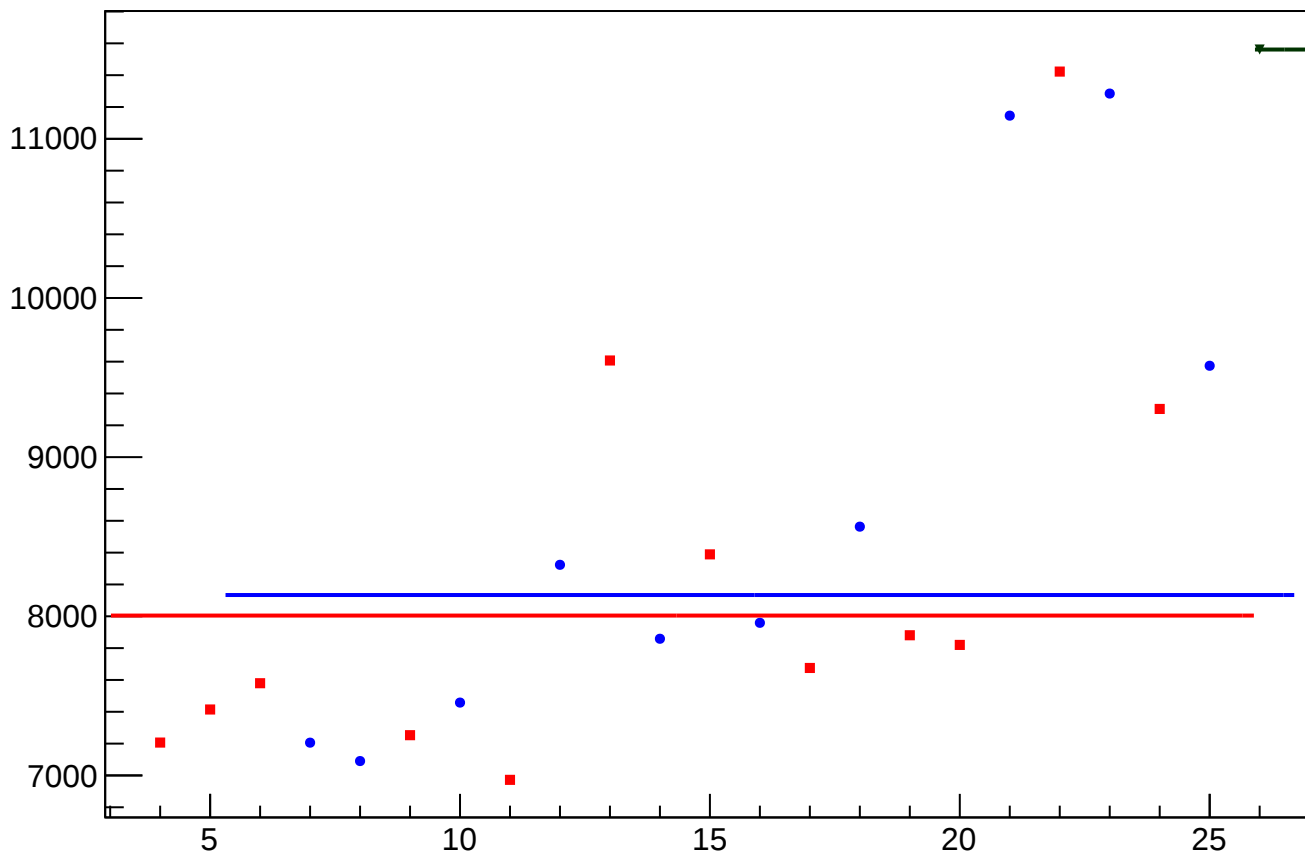
Right Out: 9.254 $\pm$ 3.190 χ^2 /NDF: 12.1/11

Left In: 12.942 $\pm$ 16.494 χ^2 /NDF: 0.0/0

1.130 $\pm$ 3.169 χ^2 /NDF: 8.8/10

9.254 $\pm$ 3.190 χ^2 /NDF: 12.1/11

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

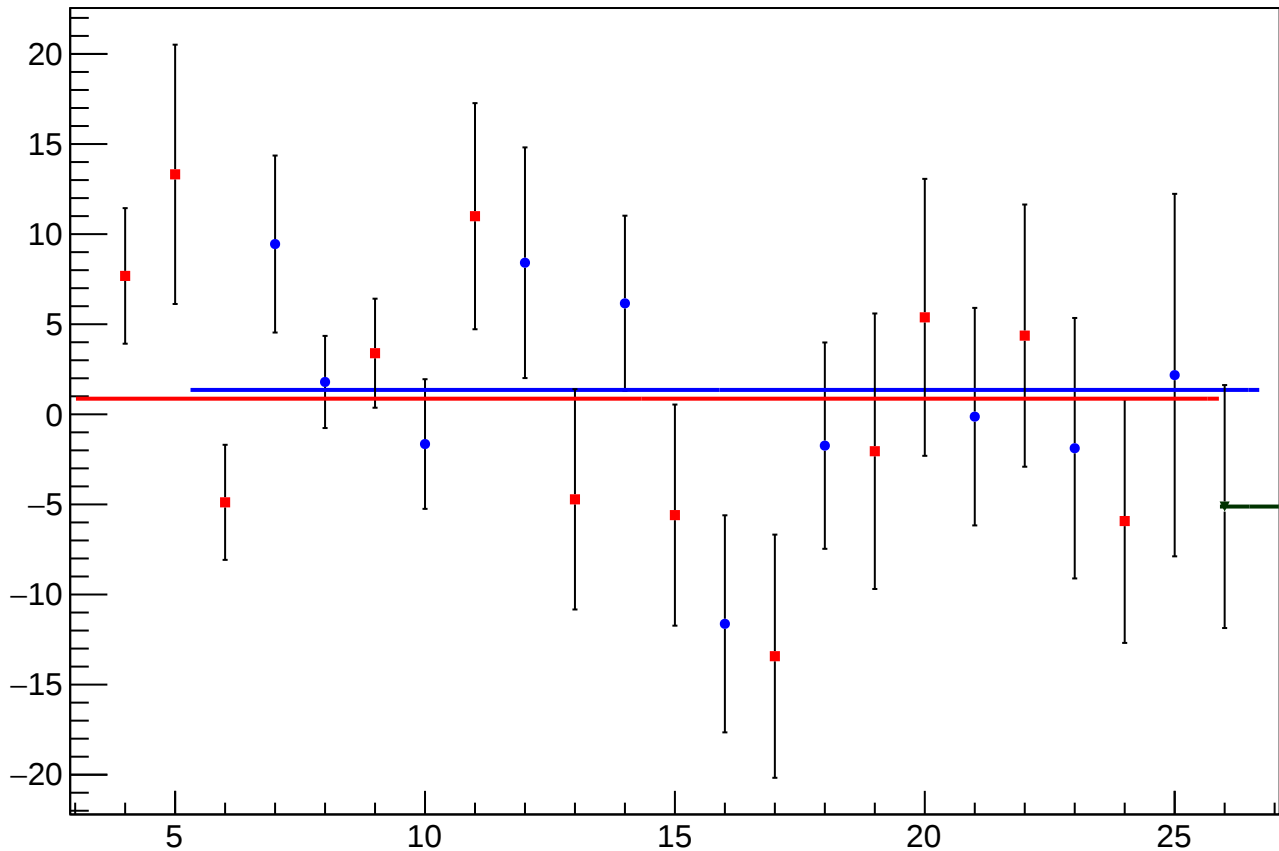
Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

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

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

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

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

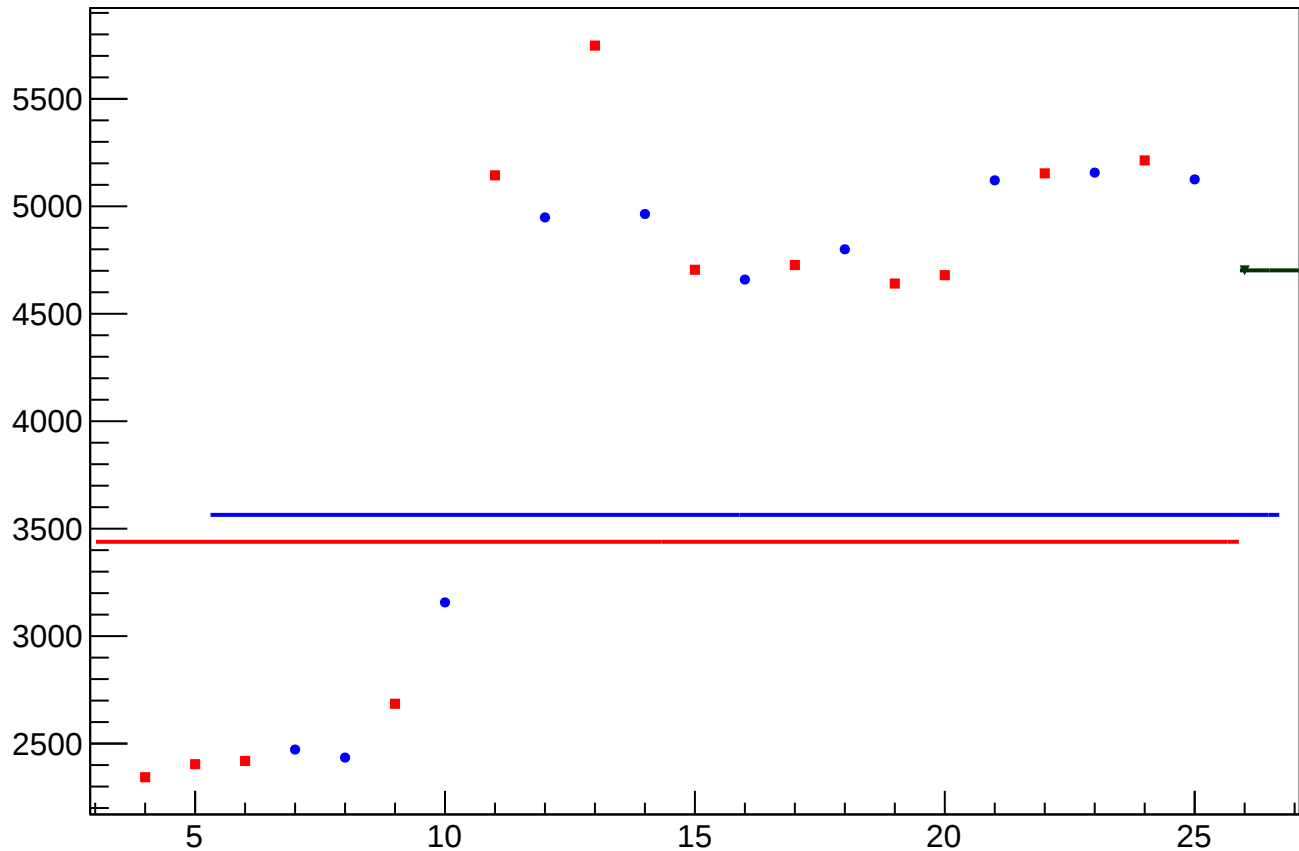
Right Out: 0.868+/-1.454 χ^2/NDF : 21.0/11

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

1.054+/-1.451 χ^2/NDF : 11.7/10

0.868+/-1.454 χ^2/NDF : 21.0/11

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

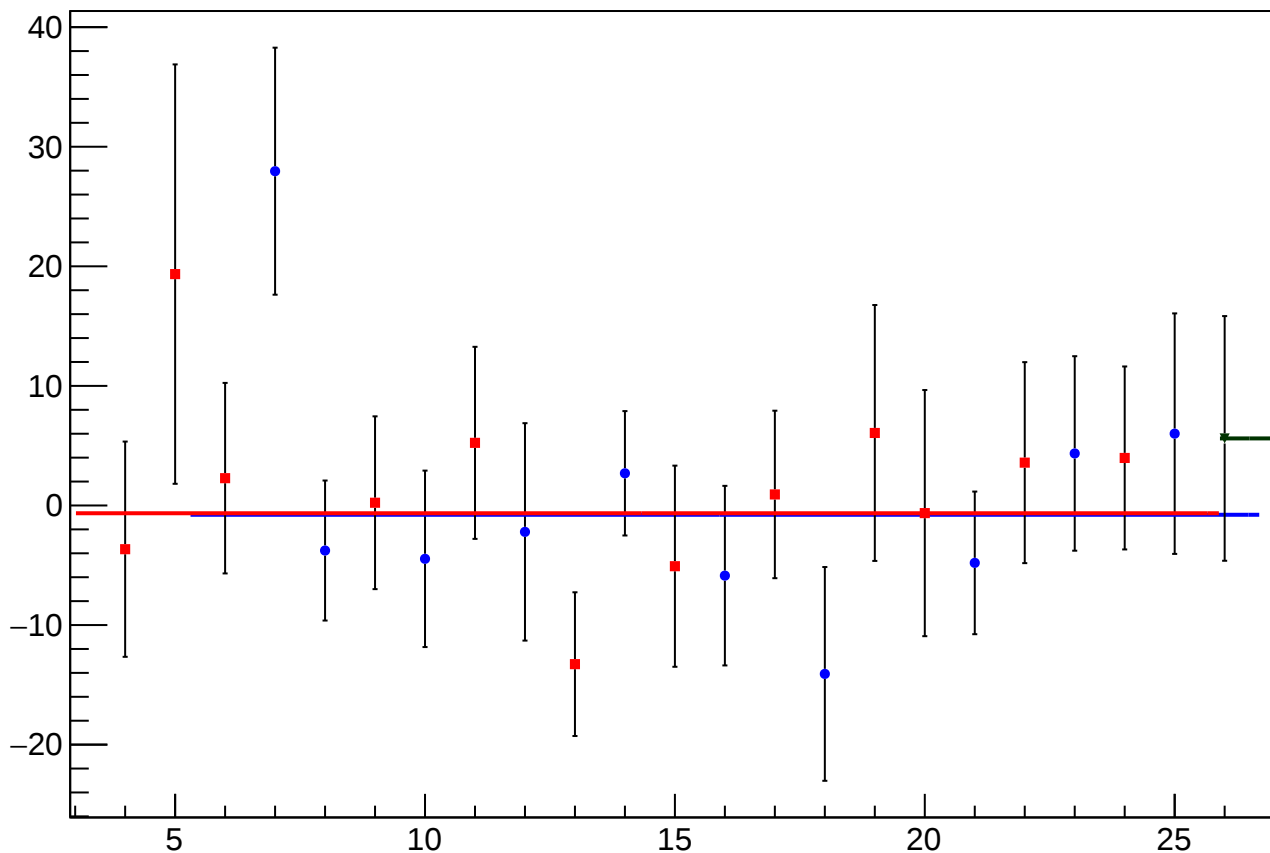
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

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

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

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

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

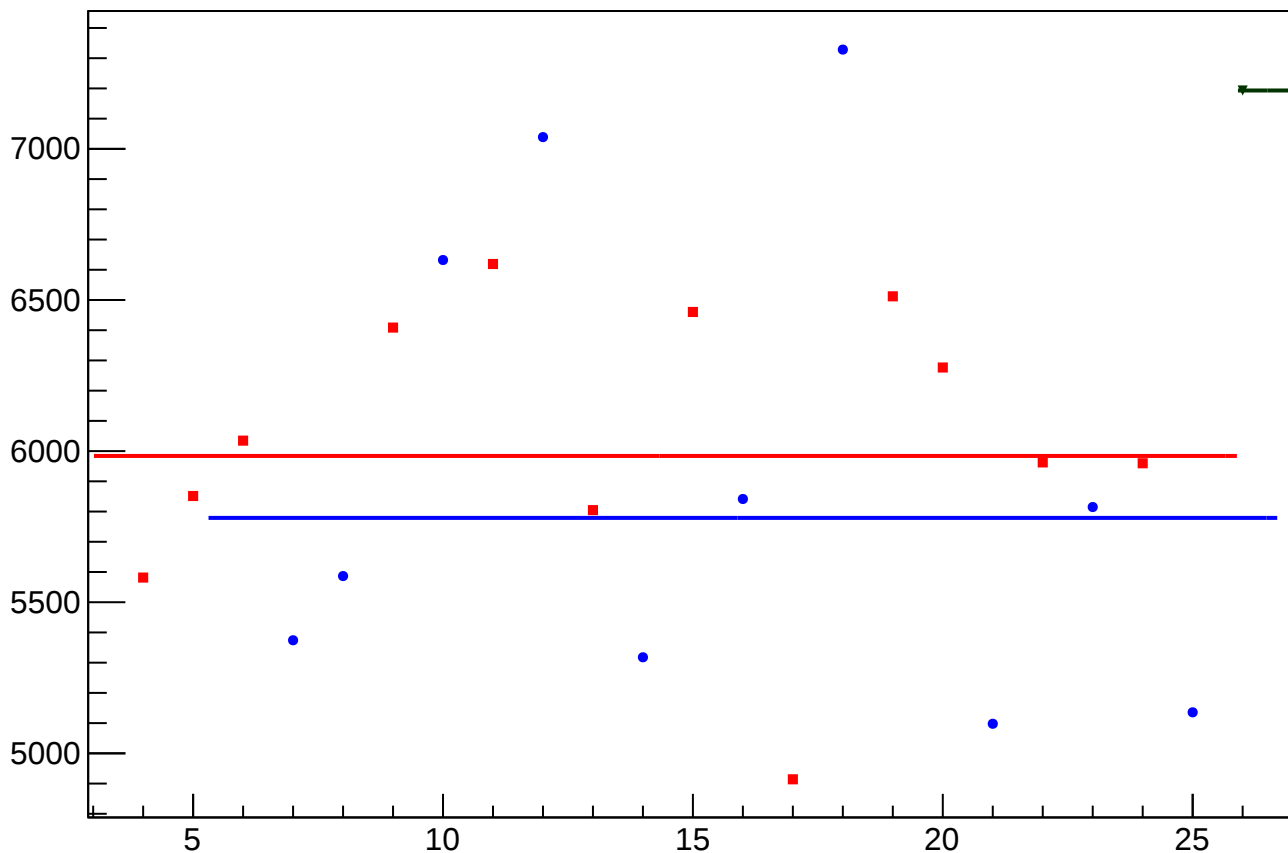
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

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

-0.471 ± 2.242 χ^2/NDF : 13.1/10

-0.650 ± 2.373 χ^2/NDF : 7.8/11

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

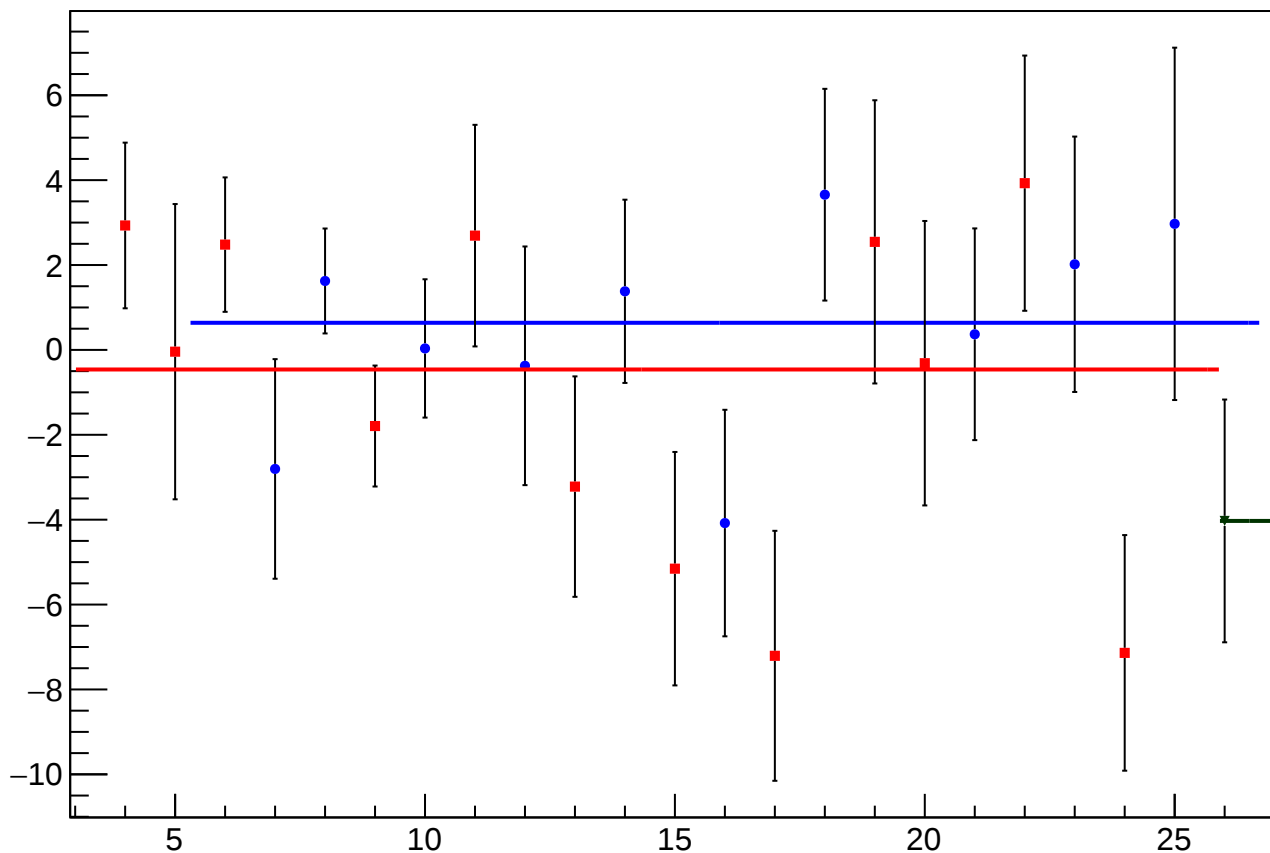
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

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

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

5983.998+/-1.678 χ^2/NDF : 85007.6/11

diff_bpm11Y_mean vs slug



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

Left Out: -4.029 ± 2.860 χ^2/NDF : 0.0/0

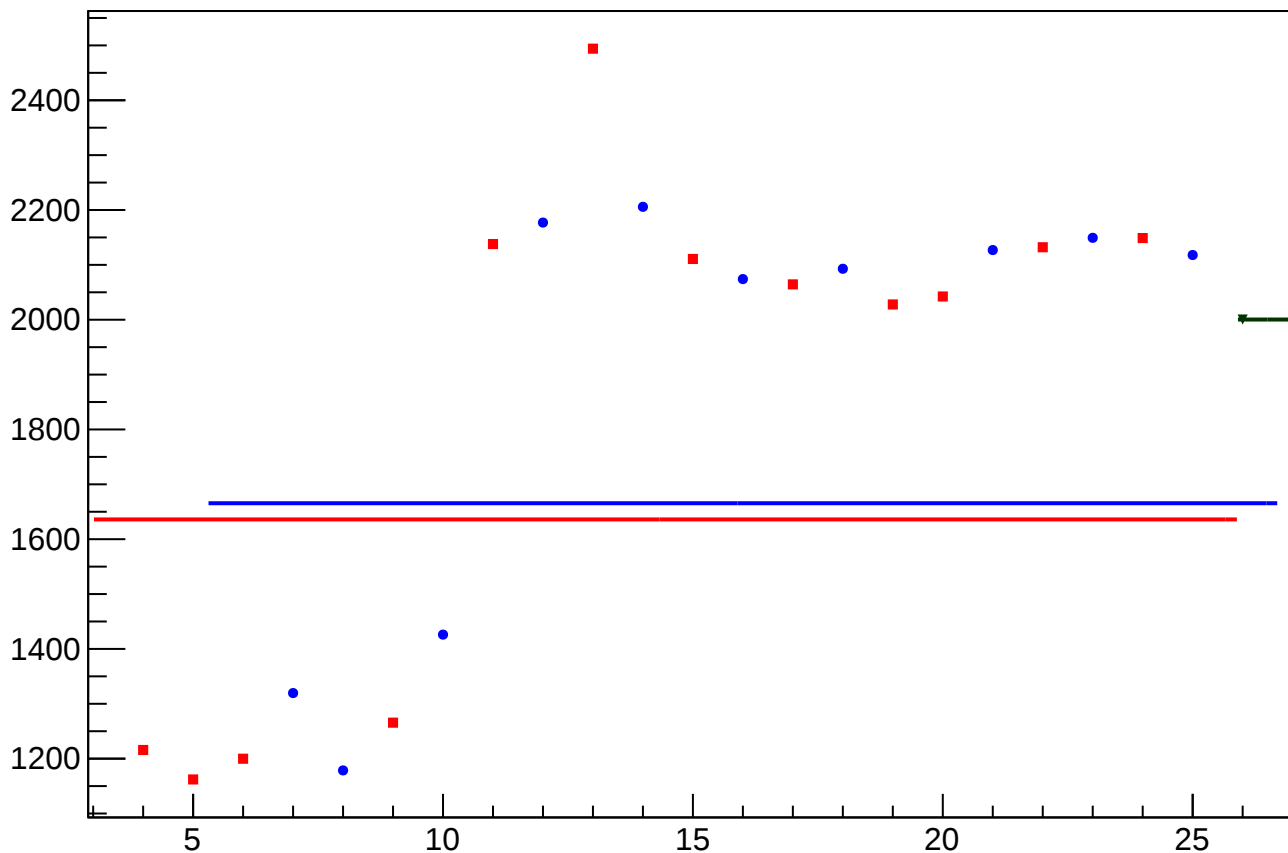
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: 4.029 ± 2.860 χ^2/NDF : 0.0/0

0.388 ± 0.663 χ^2/NDF : 10.4/10

-0.461 ± 0.674 χ^2/NDF : 26.8/11

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

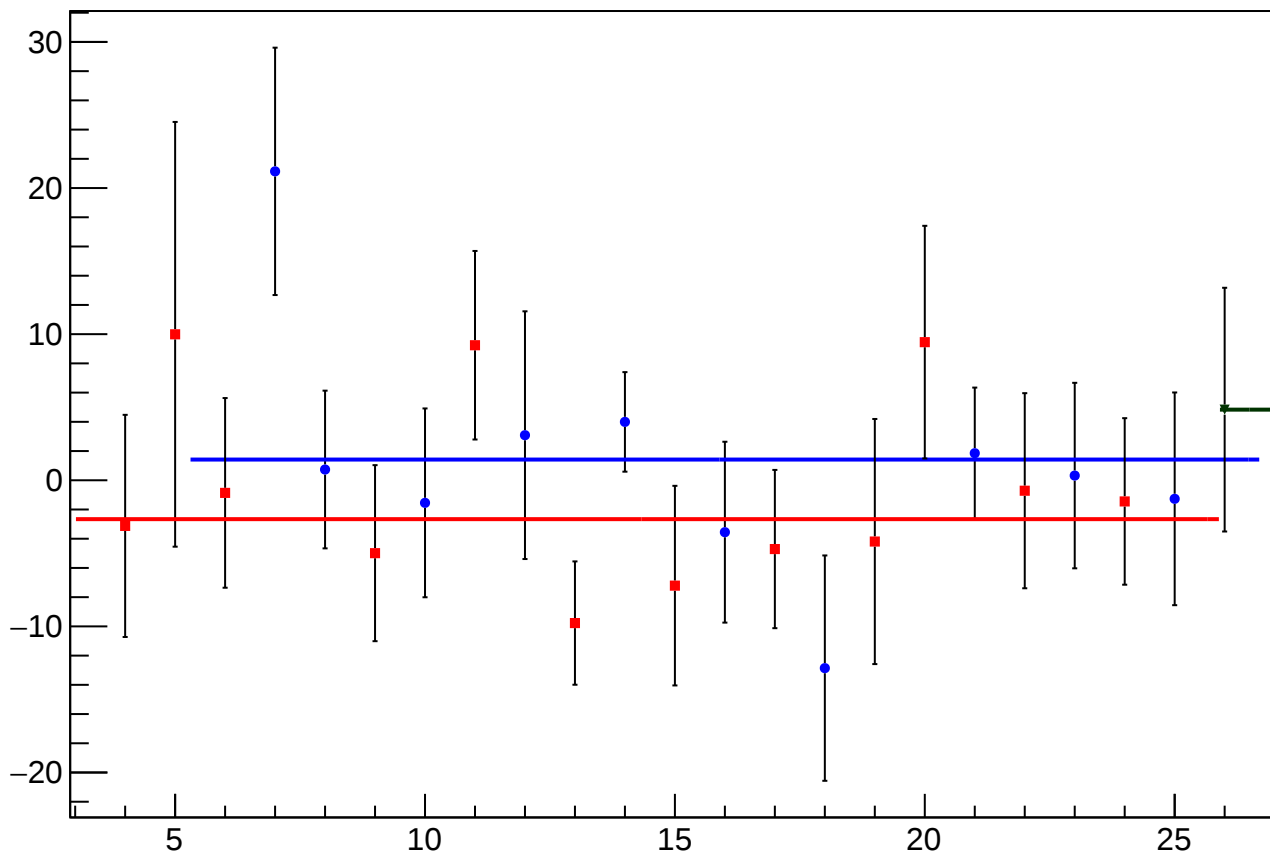
Right Out: 1636.018+/-0.477 χ^2/NDF : 990659.4/11

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

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

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

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

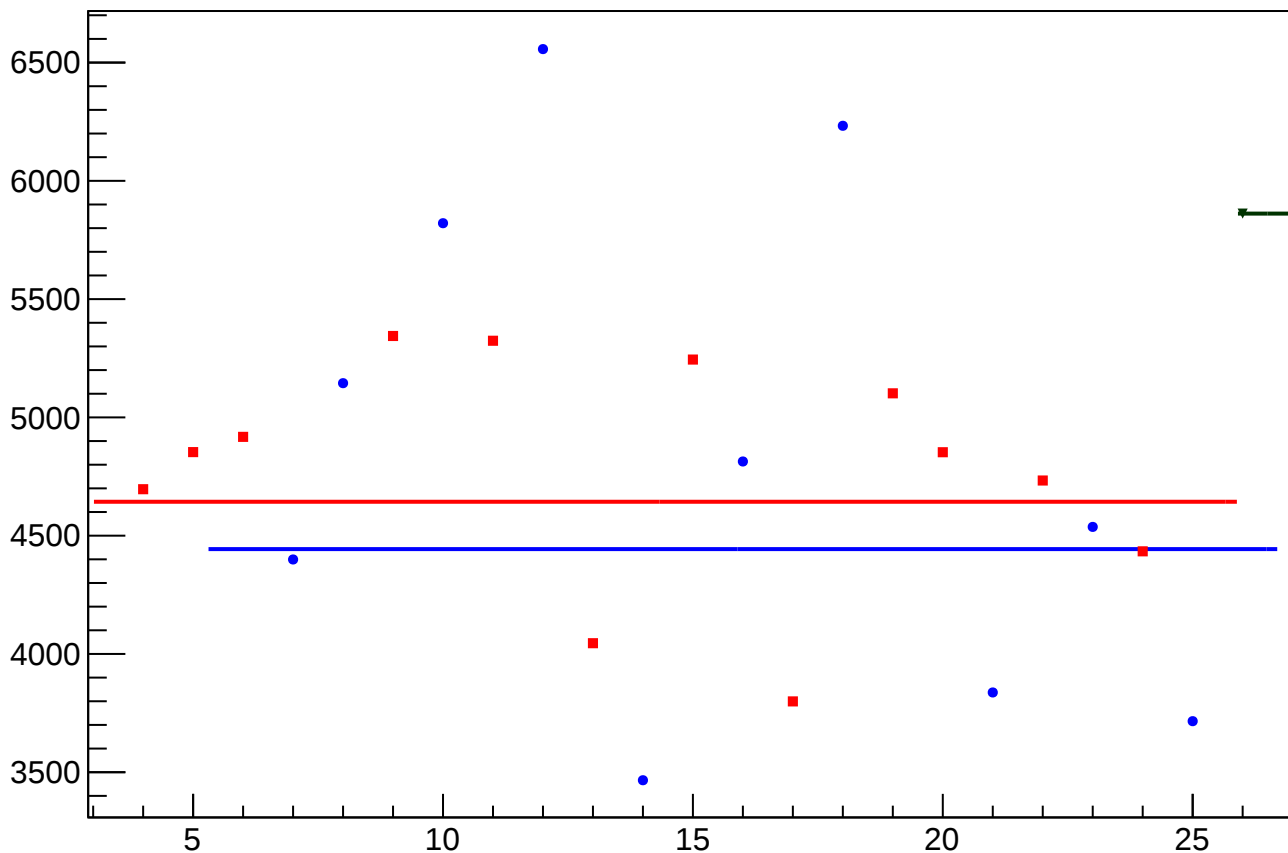
Right Out: -2.661+/-1.850 χ^2/NDF : 10.3/11

Left In: -4.834+/-8.340 χ^2/NDF : 0.0/0

1.570+/-1.760 χ^2/NDF : 10.7/10

-2.661+/-1.850 χ^2/NDF : 10.3/11

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

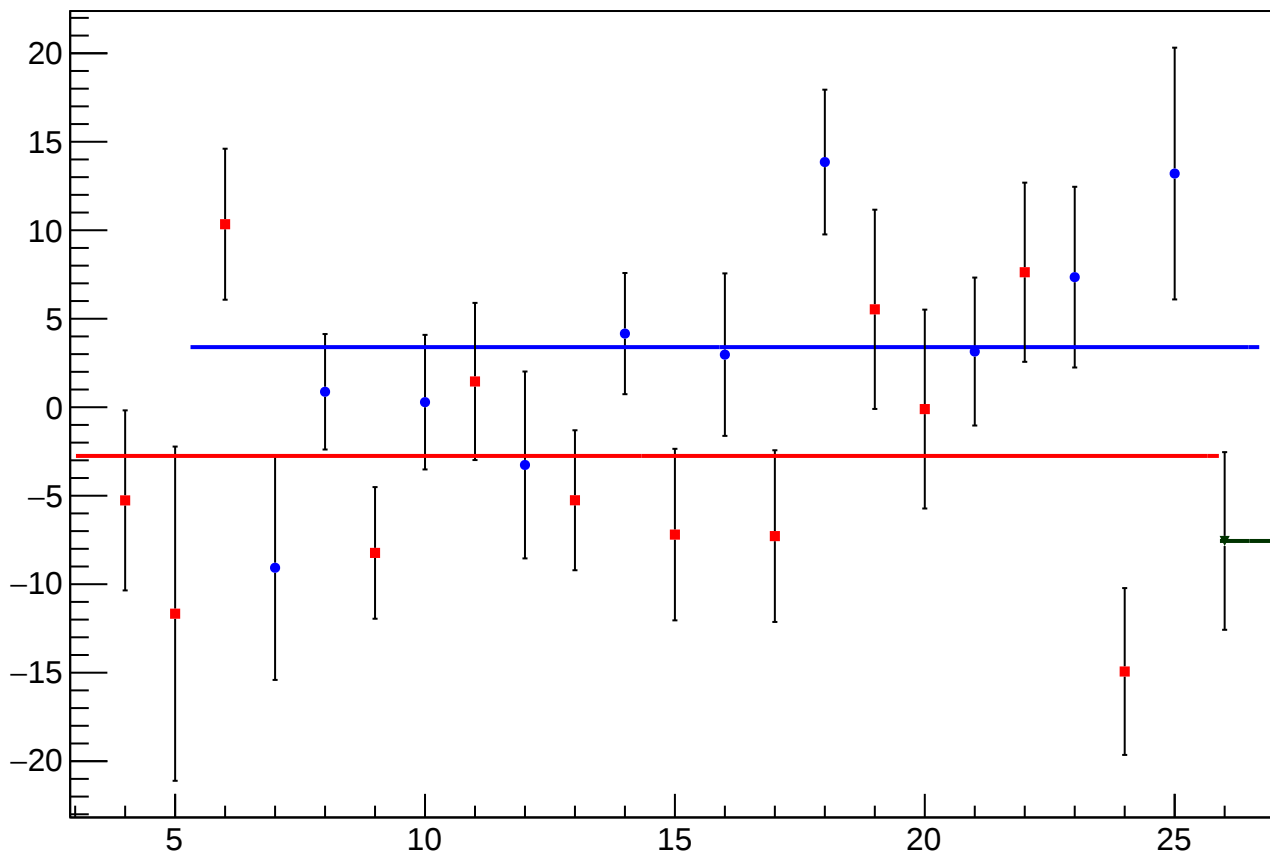
Right Out: 4643.387+/-1.308 χ^2/NDF : 168050.7/11

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

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

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

diff_bpm12Y_mean vs slug



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

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

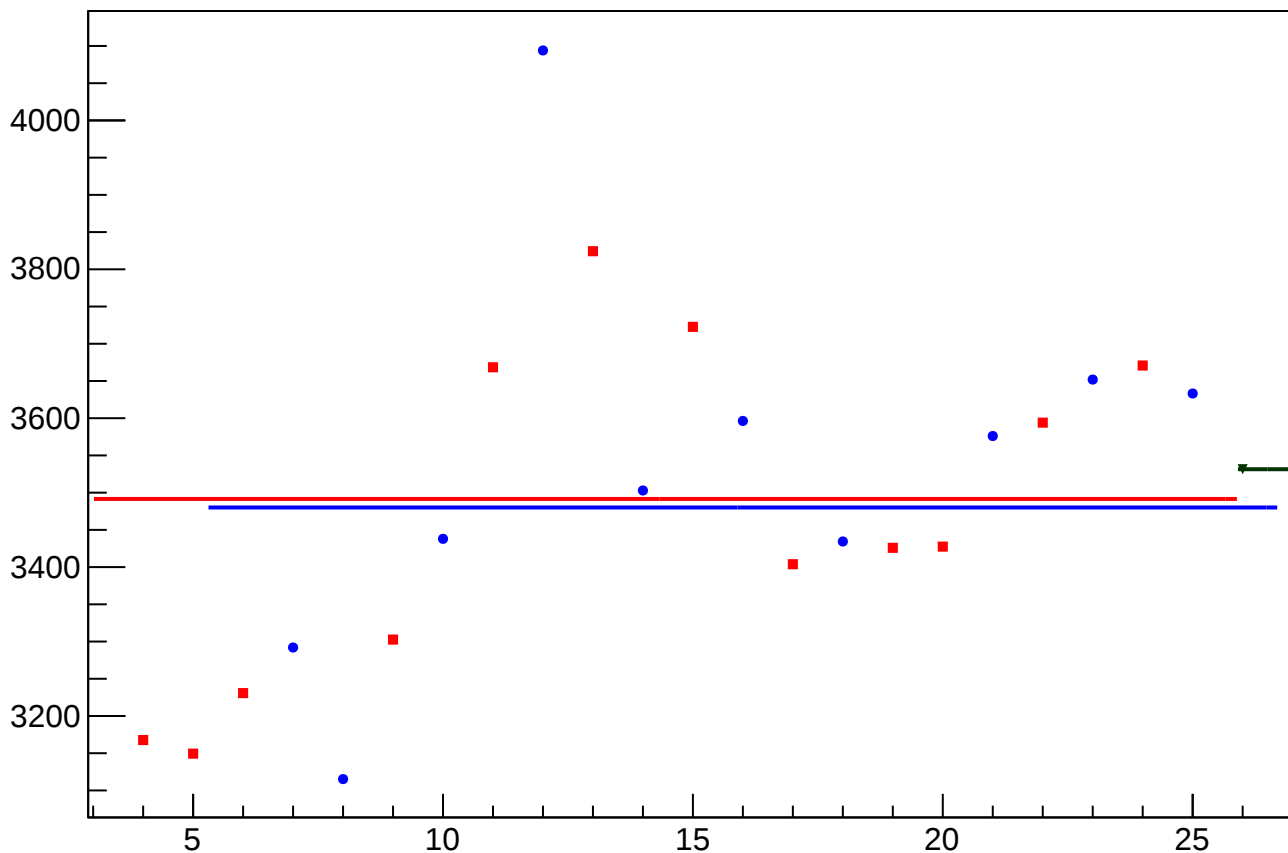
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

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

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

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

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

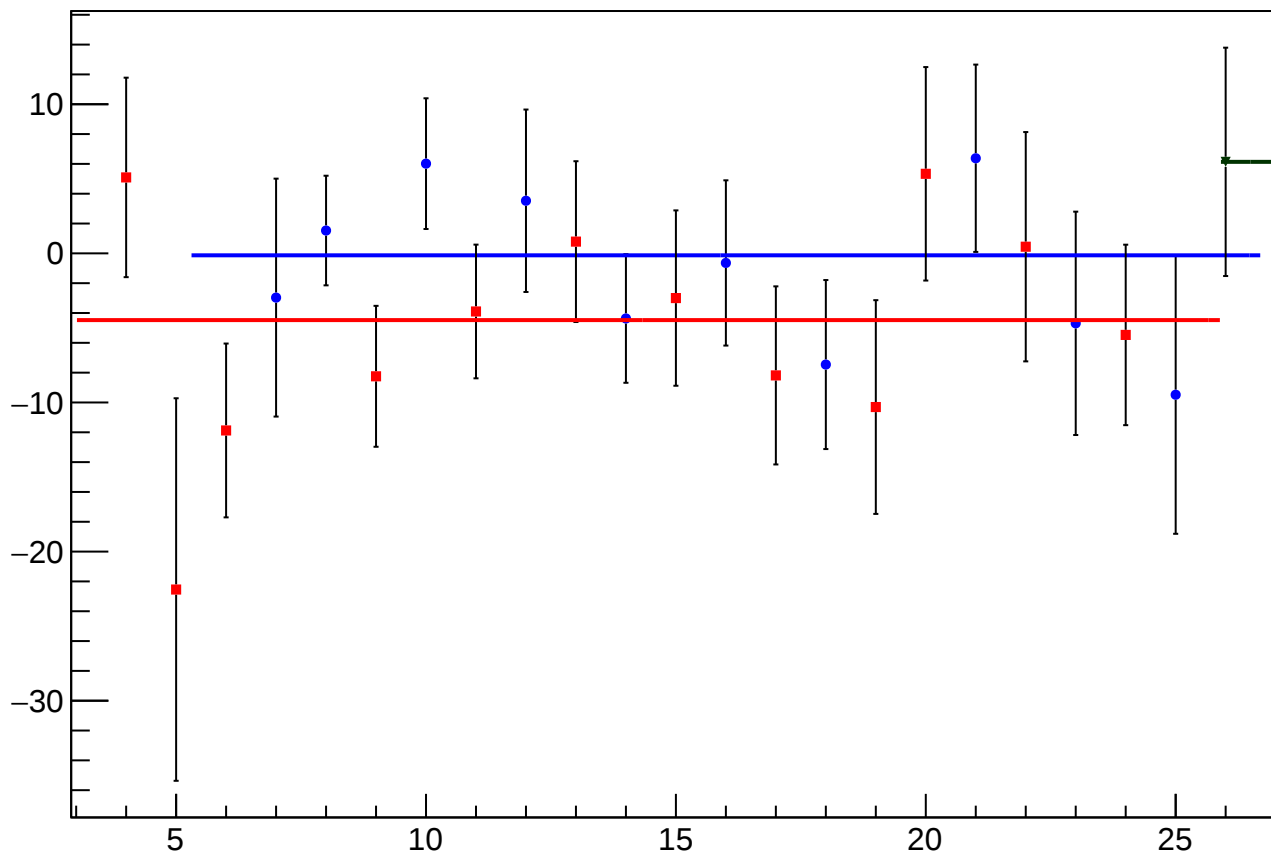
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

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

3483.637+/-0.935 χ^2/NDF : 60111.5/10

3491.537+/-0.977 χ^2/NDF : 50144.5/11

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

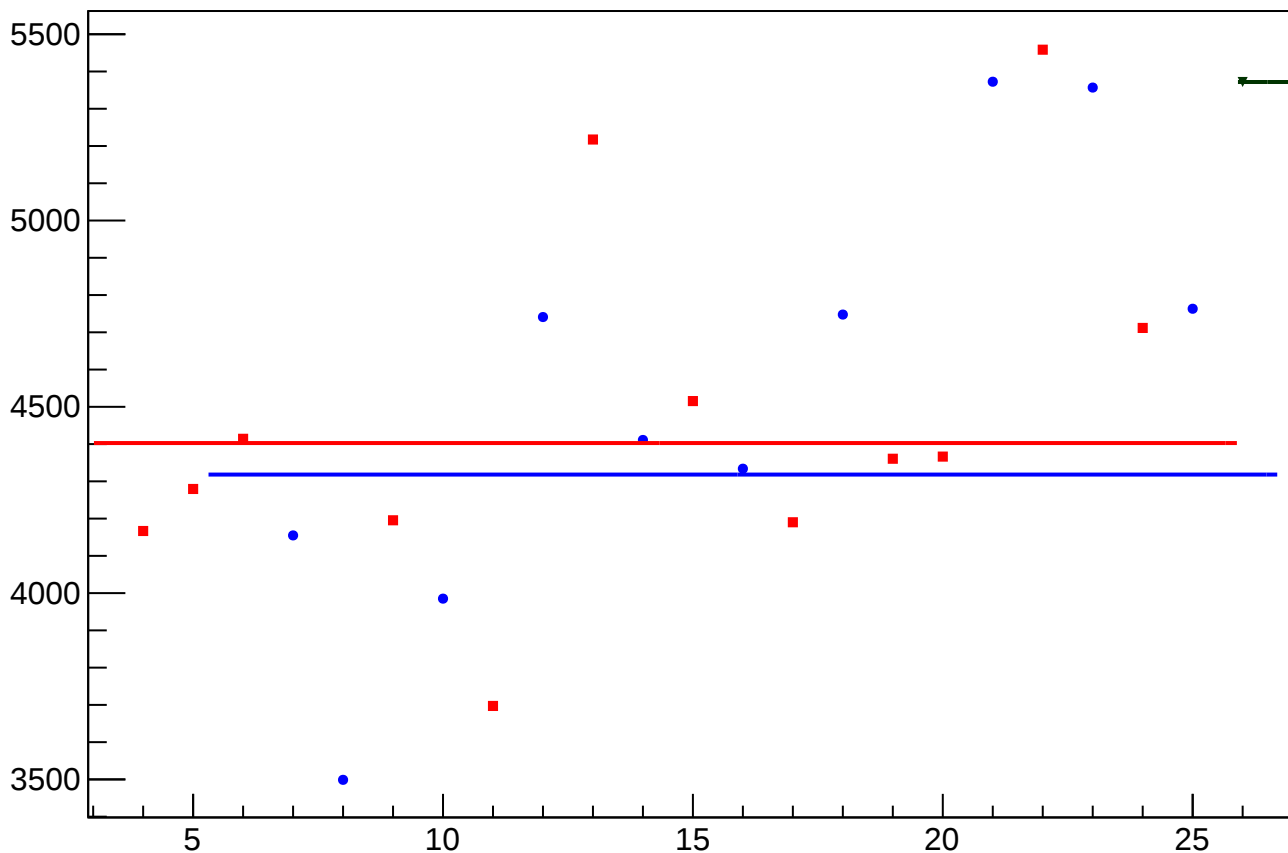
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

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

0.168 ± 1.672 χ^2/NDF : 8.4/10

-4.476 ± 1.749 χ^2/NDF : 10.7/11

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

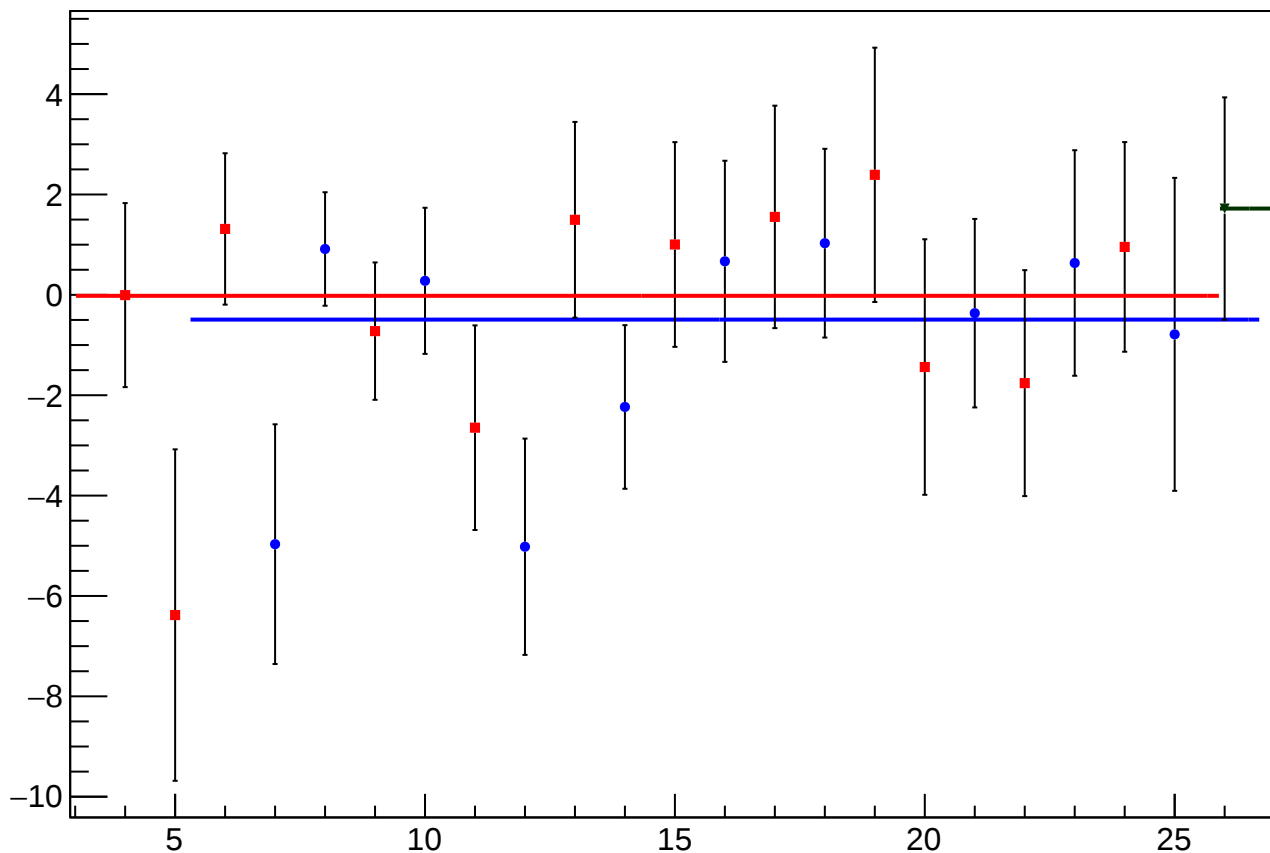
Right Out: 4402.778 ± 1.237 χ^2/NDF : 148052.0/11

Left In: 5371.803 ± 5.414 χ^2/NDF : 0.0/0

4368.411 ± 1.182 χ^2/NDF : 269190.3/10

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

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

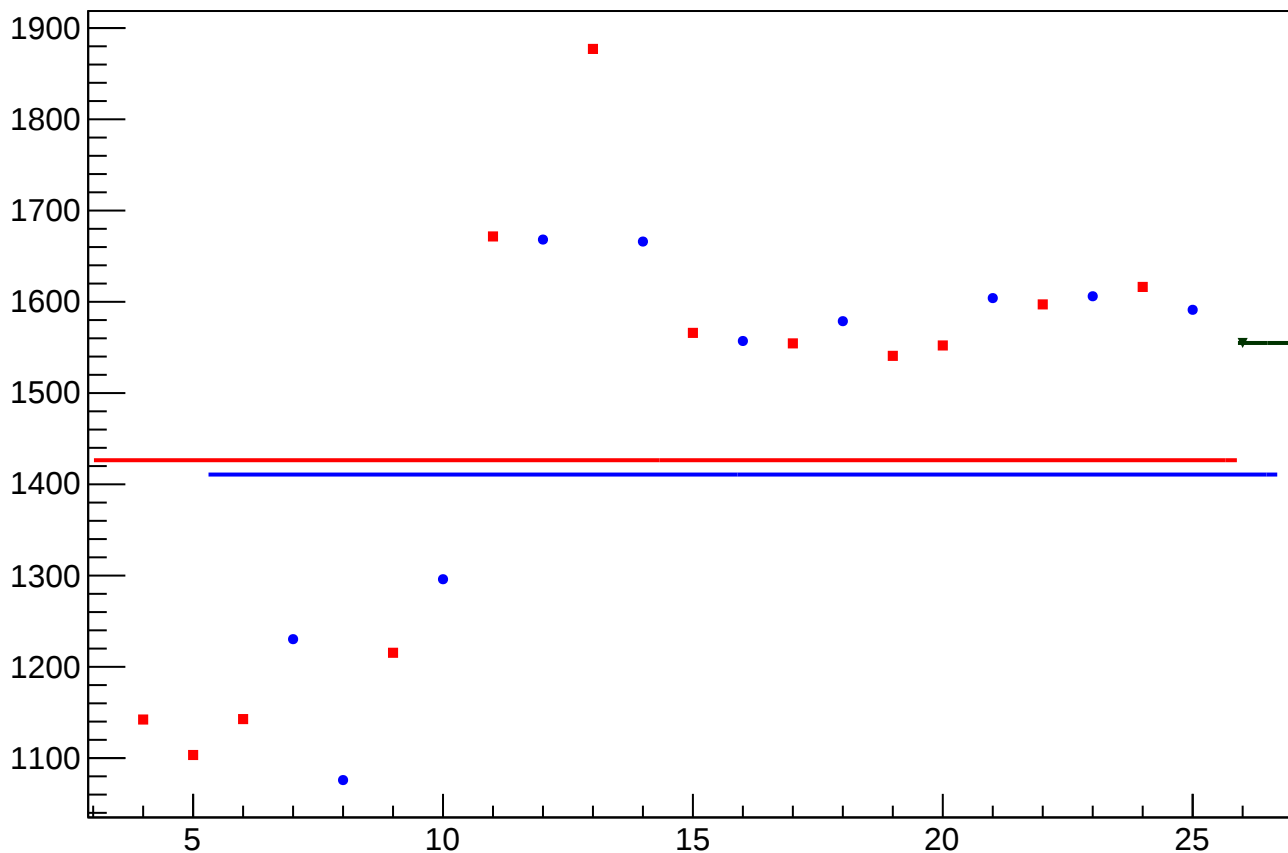
Right Out: -0.019 ± 0.573 χ^2/NDF : 9.8/11

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

-0.358 ± 0.547 χ^2/NDF : 13.1/10

-0.019 ± 0.573 χ^2/NDF : 9.8/11

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

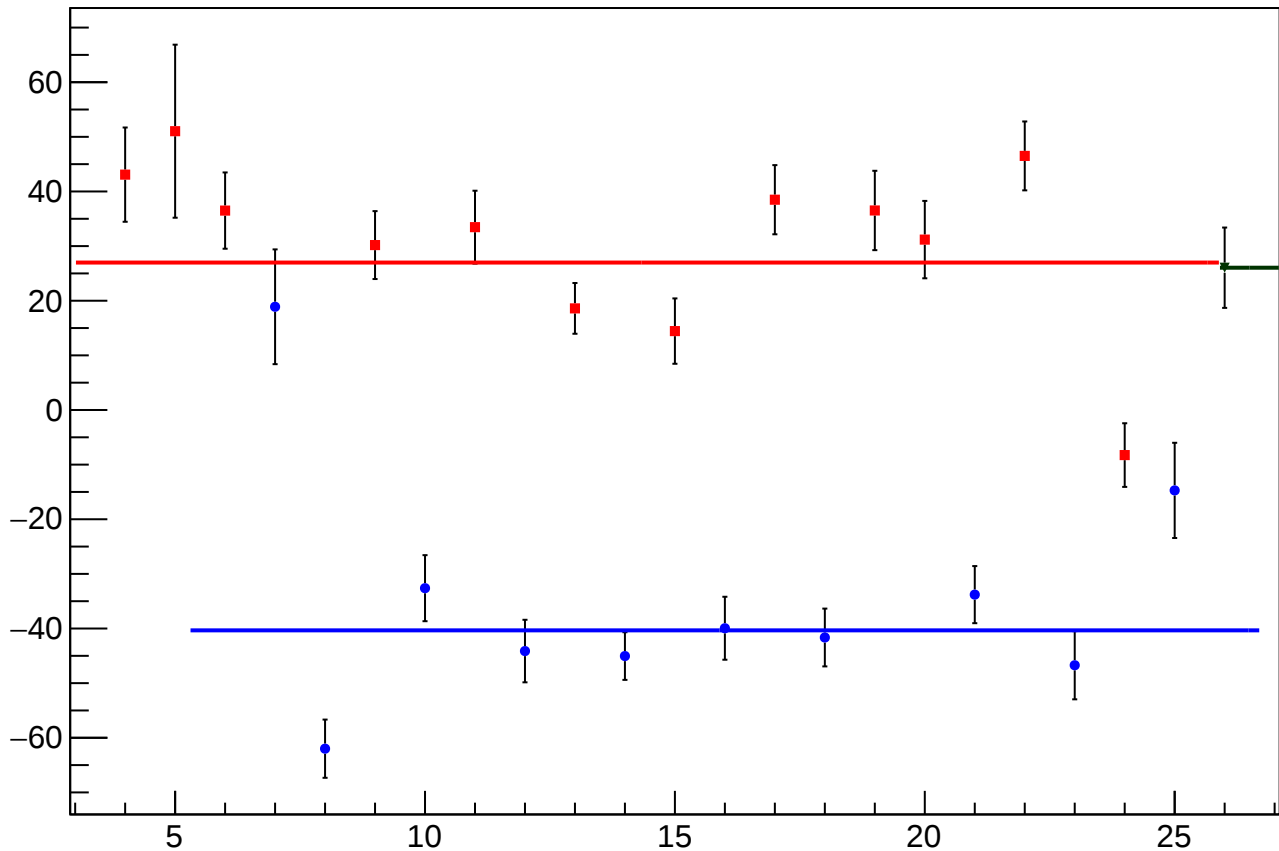
Right Out: 1426.417 $\pm$ 0.405 χ^2 /NDF: 374185.0/11

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

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

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

diff_bpm0l01X_mean vs slug



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

Left Out: 26.043 ± 7.352 χ^2/NDF : 0.0/0

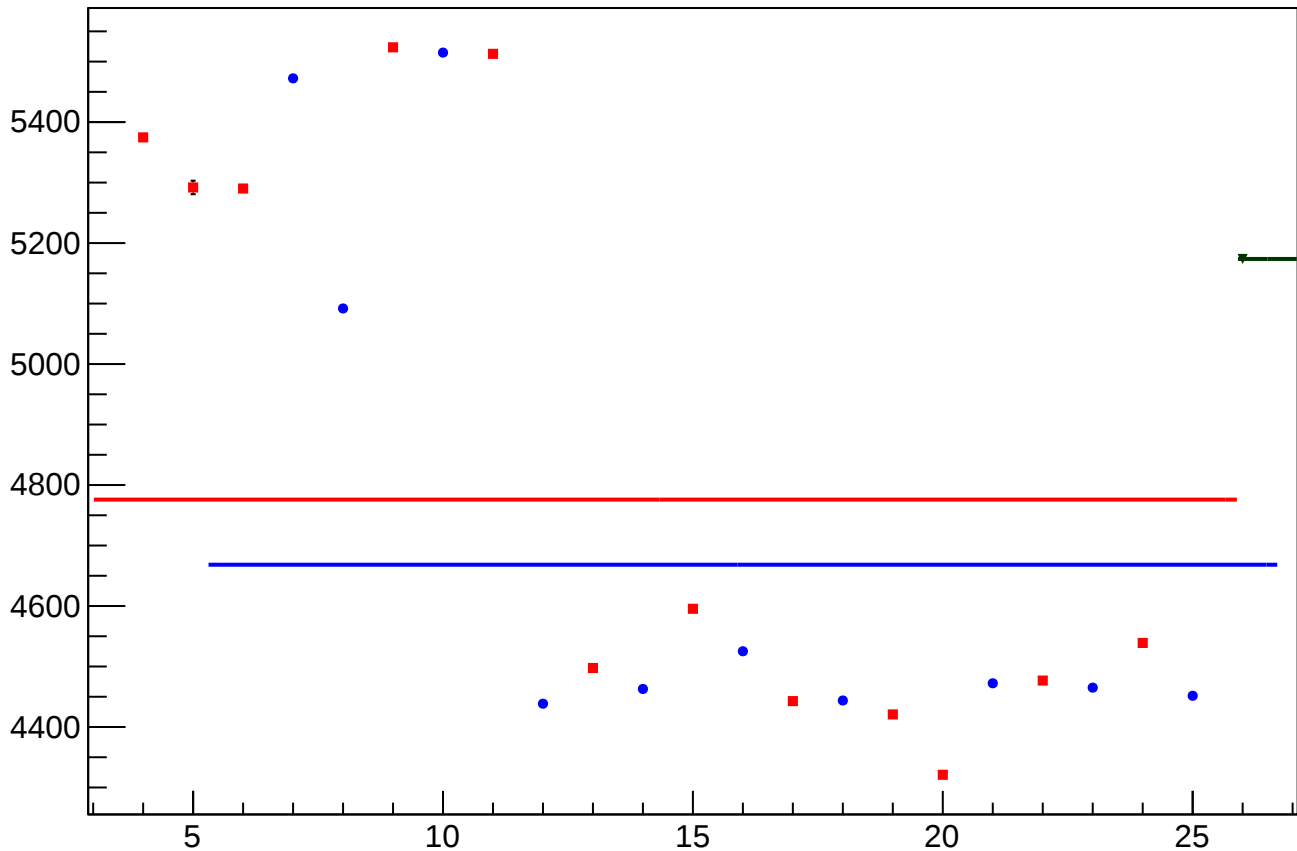
Right Out: 26.988 ± 1.893 χ^2/NDF : 68.1/11

Left In: -26.043 ± 7.352 χ^2/NDF : 0.0/0

-36.433 ± 1.783 χ^2/NDF : 139.6/10

26.988 ± 1.893 χ^2/NDF : 68.1/11

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

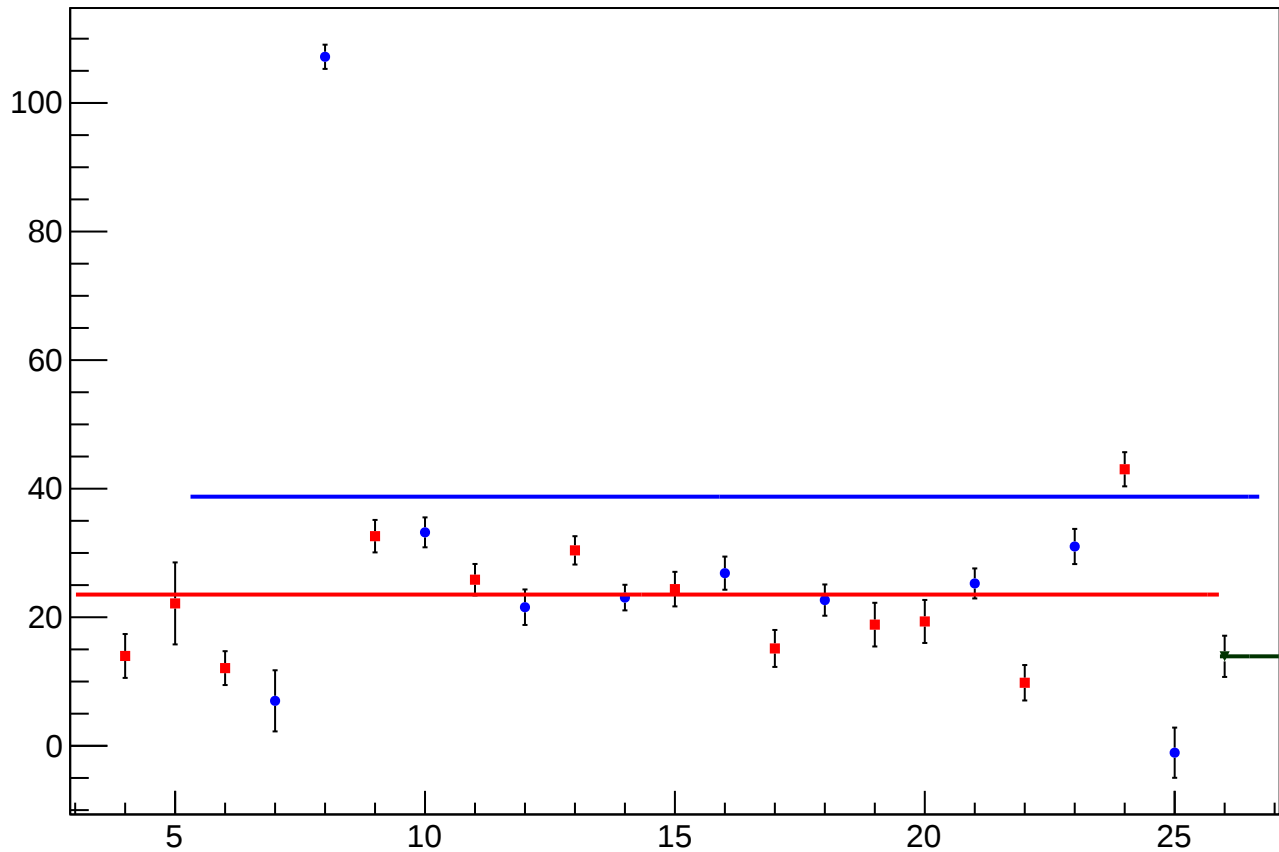
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

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

4697.990+/-1.261 χ^2/NDF : 91158.7/10

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

diff_bpm0l01Y_mean vs slug



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

Left Out: 13.921 $\pm$ 3.207 χ^2 /NDF: 0.0/0

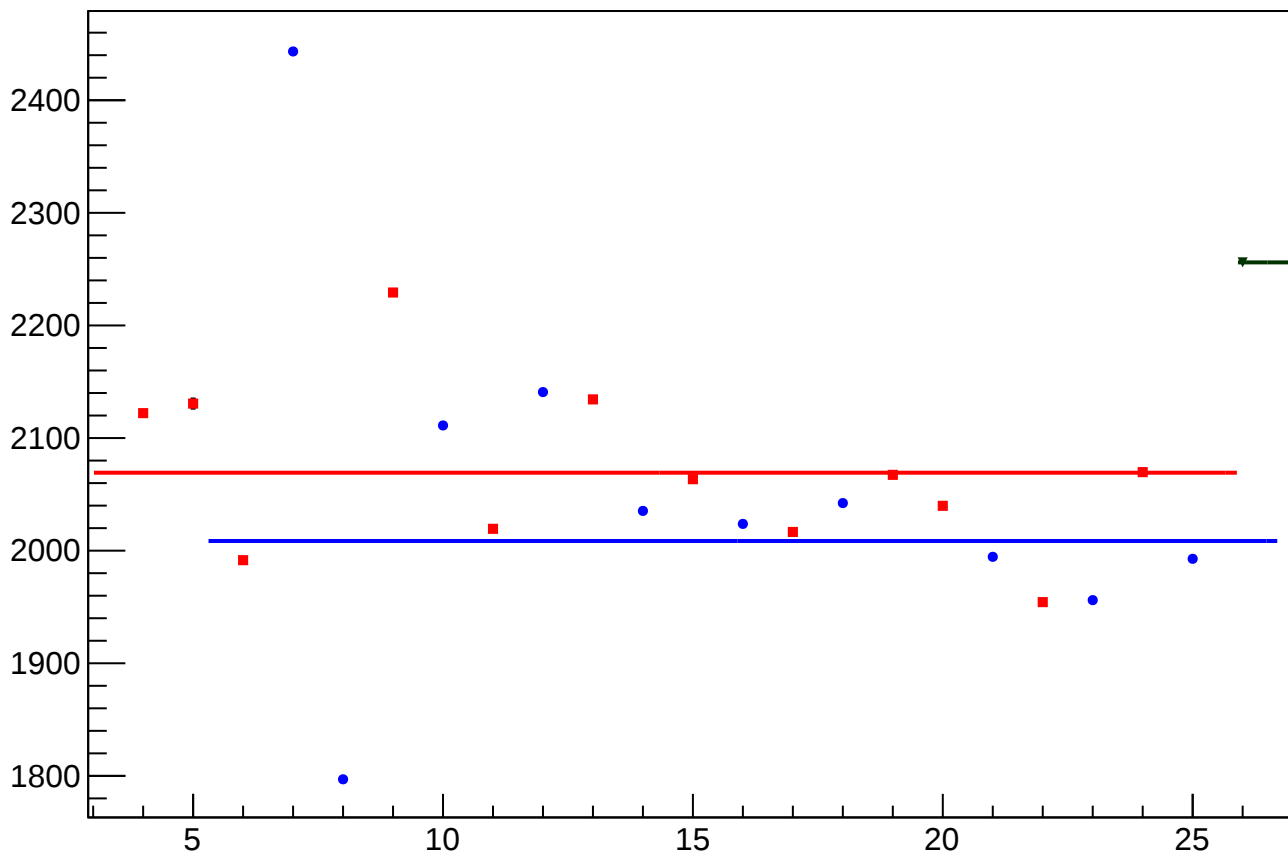
Right Out: 23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

Left In: -13.921 $\pm$ 3.207 χ^2 /NDF: 0.0/0

37.330 $\pm$ 0.769 χ^2 /NDF: 1737.1/10

23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

diff_bpm0l01Y_rms vs slug



Right In: 2008.589 $\pm$ 0.560 χ^2 /NDF: 52078.5/9

Left Out: 2255.999 $\pm$ 2.267 χ^2 /NDF: 0.0/0

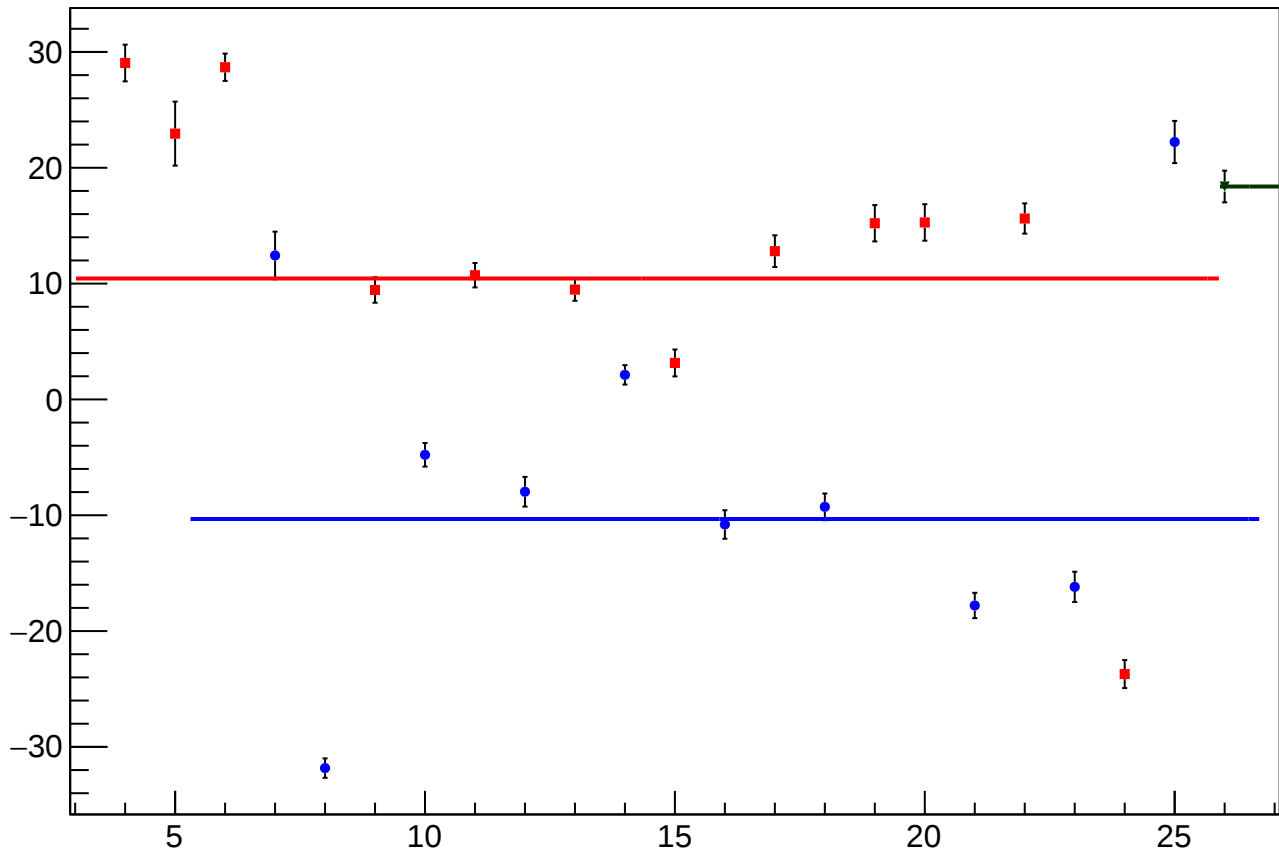
Right Out: 2069.229 $\pm$ 0.579 χ^2 /NDF: 17317.7/11

Left In: 2255.999 $\pm$ 2.267 χ^2 /NDF: 0.0/0

2022.802 $\pm$ 0.543 χ^2 /NDF: 63301.4/10

2069.229 $\pm$ 0.579 χ^2 /NDF: 17317.7/11

diff_bpm2i01X_mean vs slug



Right In: -10.326 $\pm$ 0.358 χ^2 /NDF: 1420.3/9

Left Out: 18.382 $\pm$ 1.369 χ^2 /NDF: 0.0/0

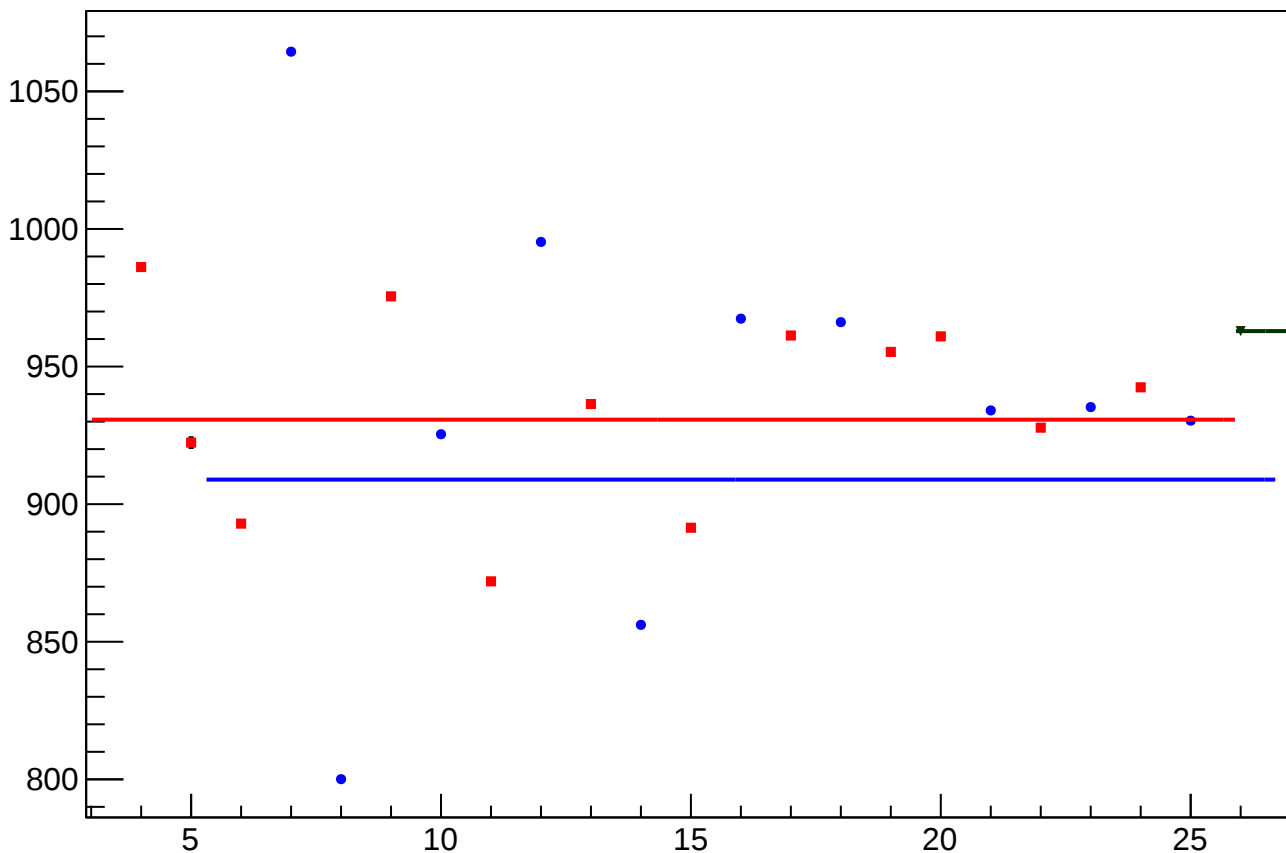
Right Out: 10.440 $\pm$ 0.368 χ^2 /NDF: 1273.2/11

Left In: -18.382 $\pm$ 1.369 χ^2 /NDF: 0.0/0

-8.486 $\pm$ 0.346 χ^2 /NDF: 1832.1/10

10.440 $\pm$ 0.368 χ^2 /NDF: 1273.2/11

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

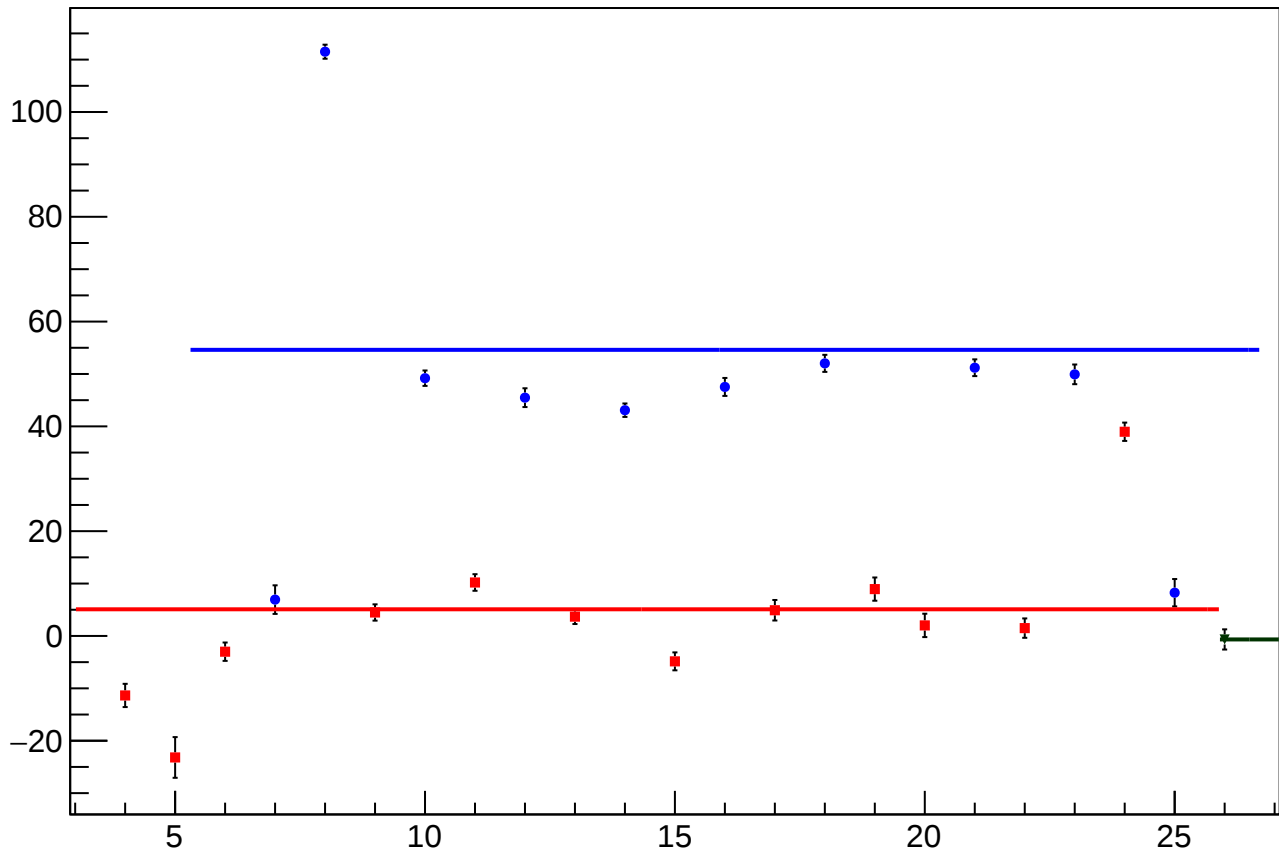
912.379+/-0.245 χ^2/NDF : 77141.8/10

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

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

930.706+/-0.260 χ^2/NDF : 18818.7/11

diff_bpm2i01Y_mean vs slug



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

Left Out: -0.666 $\pm$ 1.927 χ^2 /NDF: 0.0/0

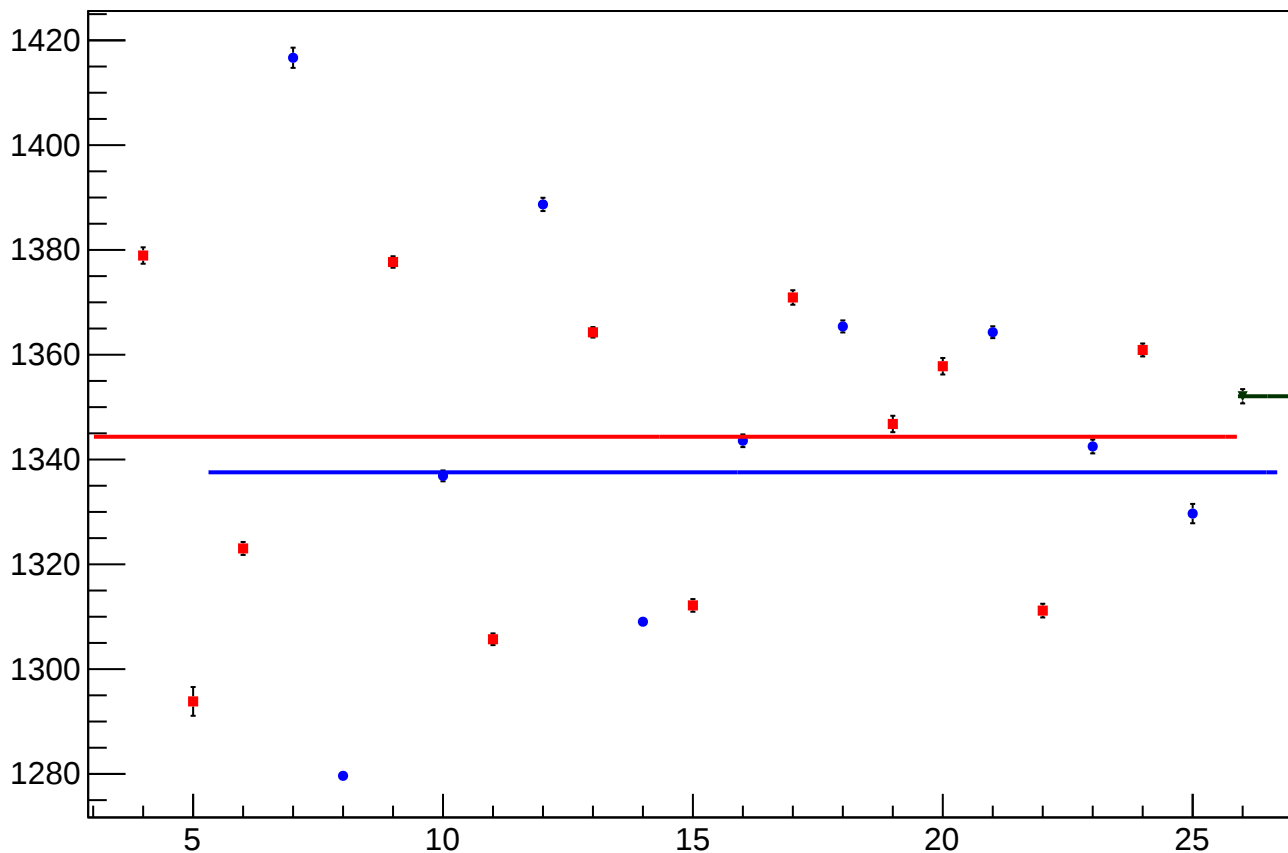
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 0.666 $\pm$ 1.927 χ^2 /NDF: 0.0/0

50.773 $\pm$ 0.508 χ^2 /NDF: 3334.6/10

5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

diff_bpm2i01Y_rms vs slug



Right In: 1337.560 $\pm$ 0.372 χ^2 /NDF: 9226.5/9

Left Out: 1352.075 $\pm$ 1.363 χ^2 /NDF: 0.0/0

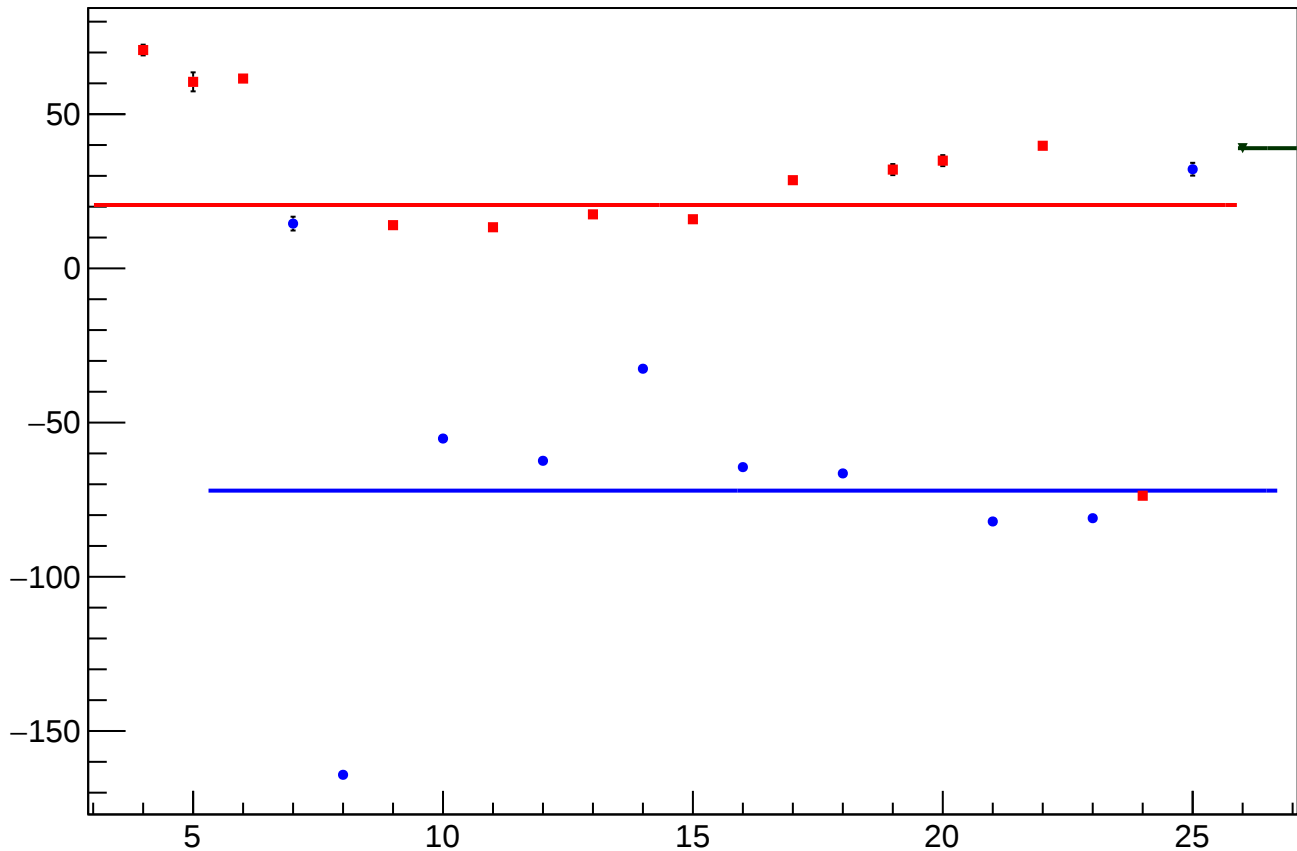
Right Out: 1344.349 $\pm$ 0.376 χ^2 /NDF: 5607.5/11

Left In: 1352.075 $\pm$ 1.363 χ^2 /NDF: 0.0/0

1338.567 $\pm$ 0.359 χ^2 /NDF: 9332.1/10

1344.349 $\pm$ 0.376 χ^2 /NDF: 5607.5/11

diff_bpm2i02X_mean vs slug



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

Left Out: 38.976 ± 1.549 $\chi^2/\text{NDF}: 0.0/0$

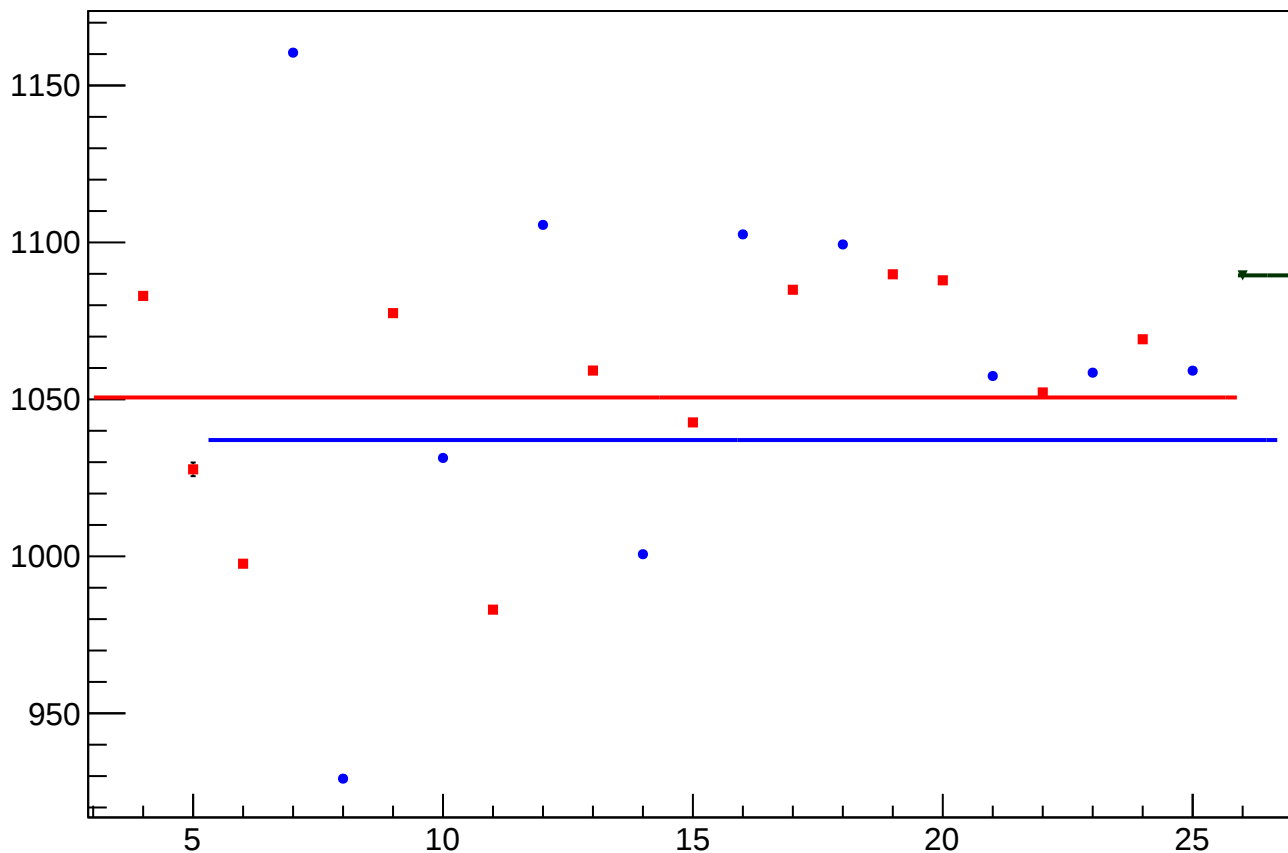
Right Out: 20.554 ± 0.415 $\chi^2/\text{NDF}: 7076.4/11$

Left In: -38.976 ± 1.549 $\chi^2/\text{NDF}: 0.0/0$

-64.854 ± 0.395 $\chi^2/\text{NDF}: 19837.3/10$

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

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

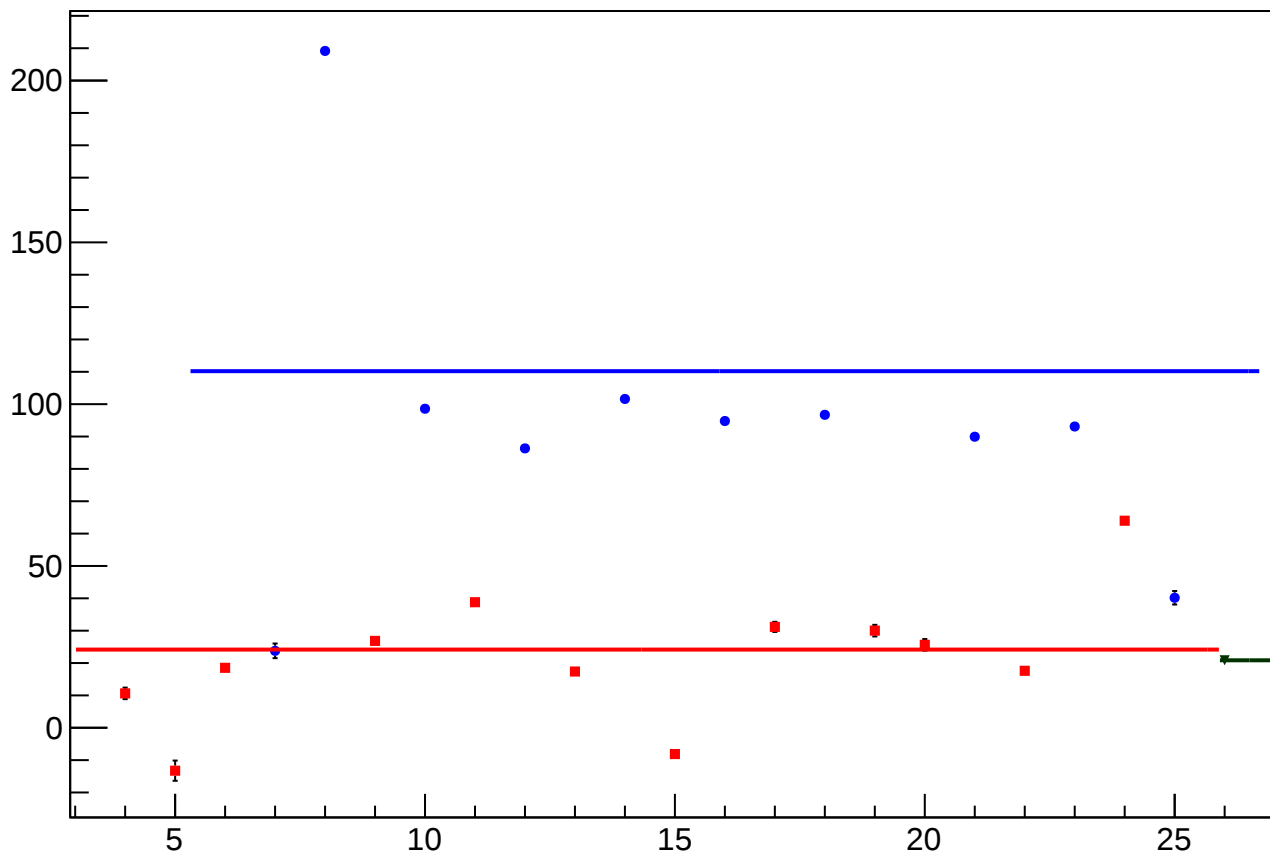
Right Out: 1050.613+/-0.293 χ^2 /NDF: 14851.7/11

Left In: 1089.506+/-1.095 χ^2 /NDF:0.0/0

1040.454+/-0.279 χ^2 /NDF: 50297.3/10

1050.613+/-0.293 χ^2 /NDF: 14851.7/11

diff_bpm2i02Y_mean vs slug



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

Left Out: 20.847 ± 1.547 χ^2/NDF : 0.0/0

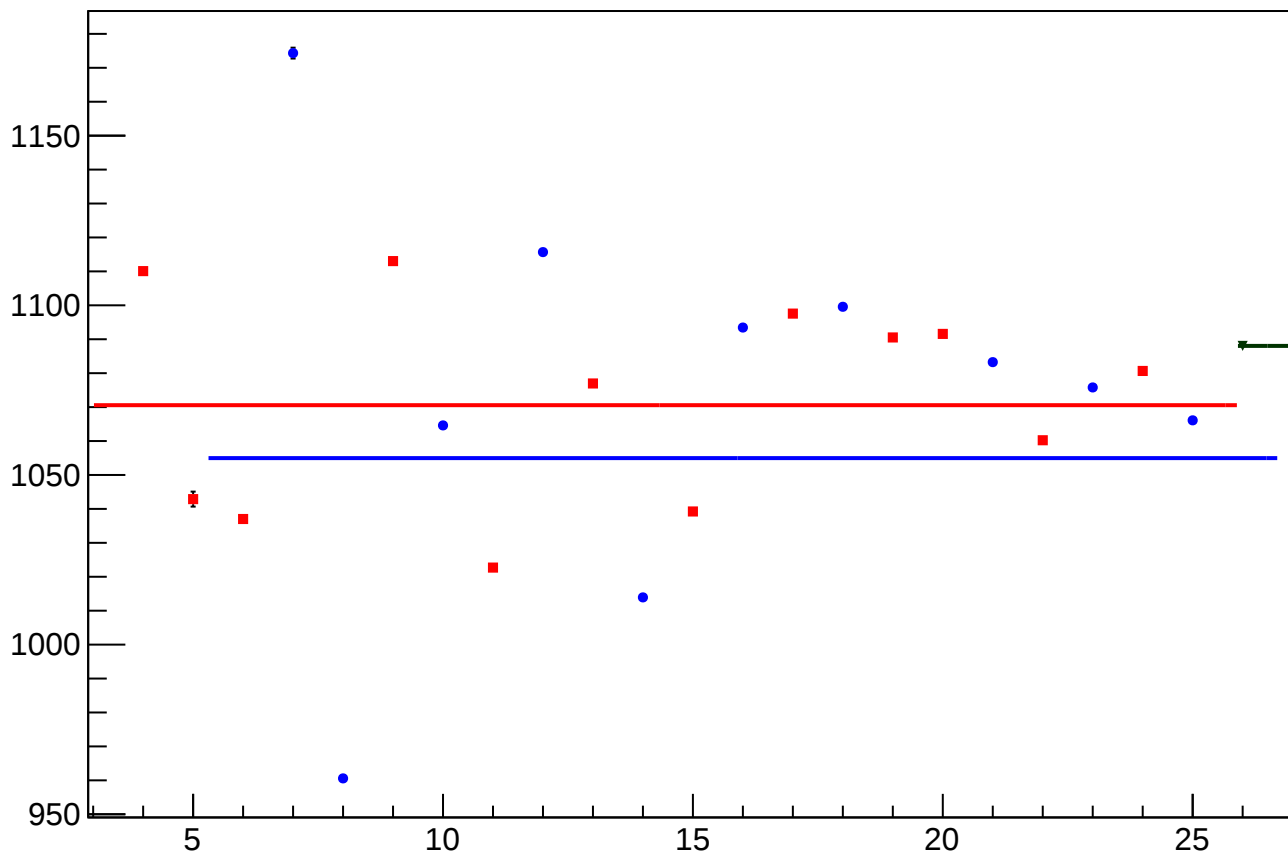
Right Out: 24.160 ± 0.423 χ^2/NDF : 1842.7/11

Left In: -20.847 ± 1.547 χ^2/NDF : 0.0/0

104.202 ± 0.401 χ^2/NDF : 16415.0/10

24.160 ± 0.423 χ^2/NDF : 1842.7/11

diff_bpm2i02Y_rms vs slug



Right In: 1054.969 $\pm$ 0.293 χ^2 /NDF: 35538.9/9

Left Out: 1088.039 $\pm$ 1.094 χ^2 /NDF: 0.0/0

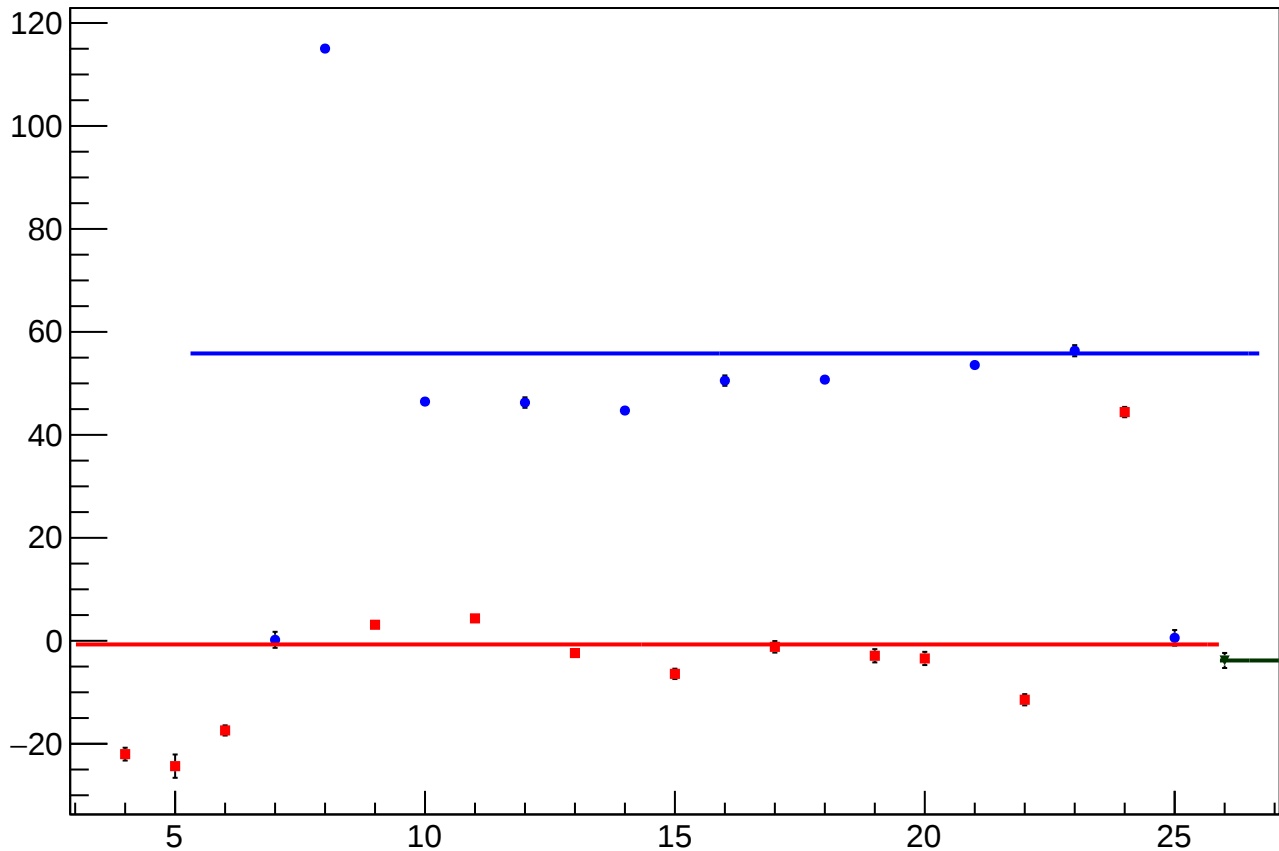
Right Out: 1070.566 $\pm$ 0.299 χ^2 /NDF: 10075.5/11

Left In: 1088.039 $\pm$ 1.094 χ^2 /NDF: 0.0/0

1057.188 $\pm$ 0.283 χ^2 /NDF: 36391.3/10

1070.566 $\pm$ 0.299 χ^2 /NDF: 10075.5/11

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

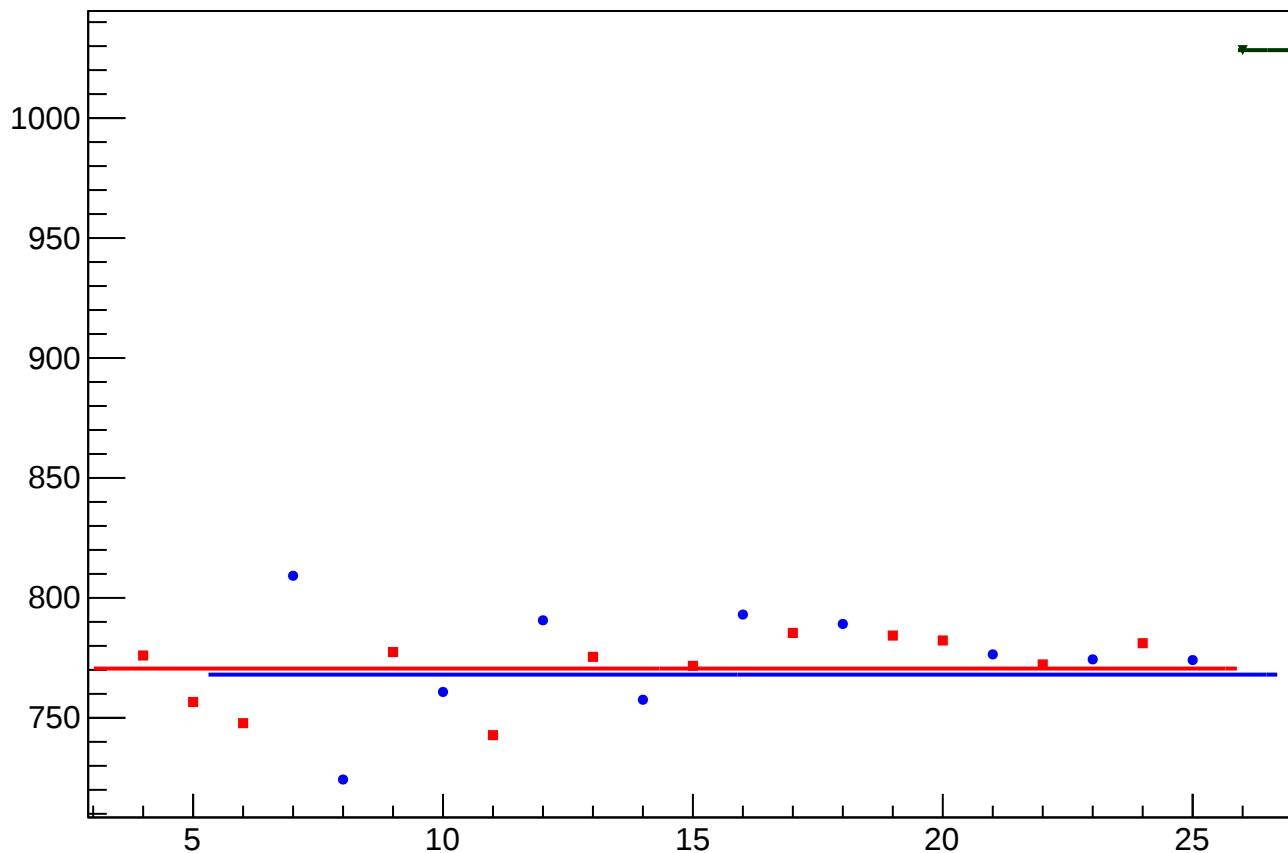
Right Out: -0.705+/-0.304 χ^2/NDF : 2908.1/11

Left In: 3.820+/-1.461 χ^2/NDF : 0.0/0

53.379+/-0.295 χ^2/NDF : 10809.7/10

-0.705+/-0.304 χ^2/NDF : 2908.1/11

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

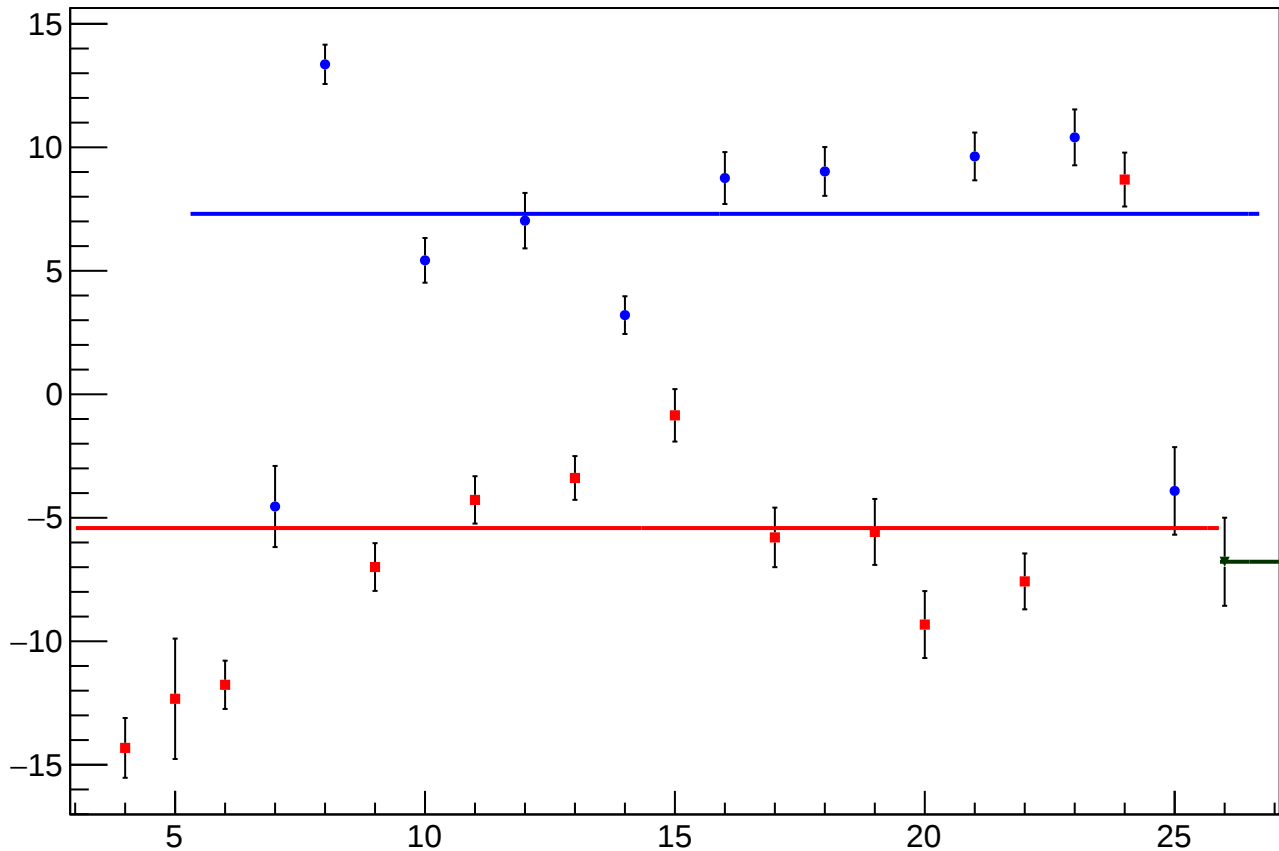
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

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

778.659+/-0.209 χ^2/NDF : 72962.7/10

770.550+/-0.215 χ^2/NDF : 4259.5/11

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

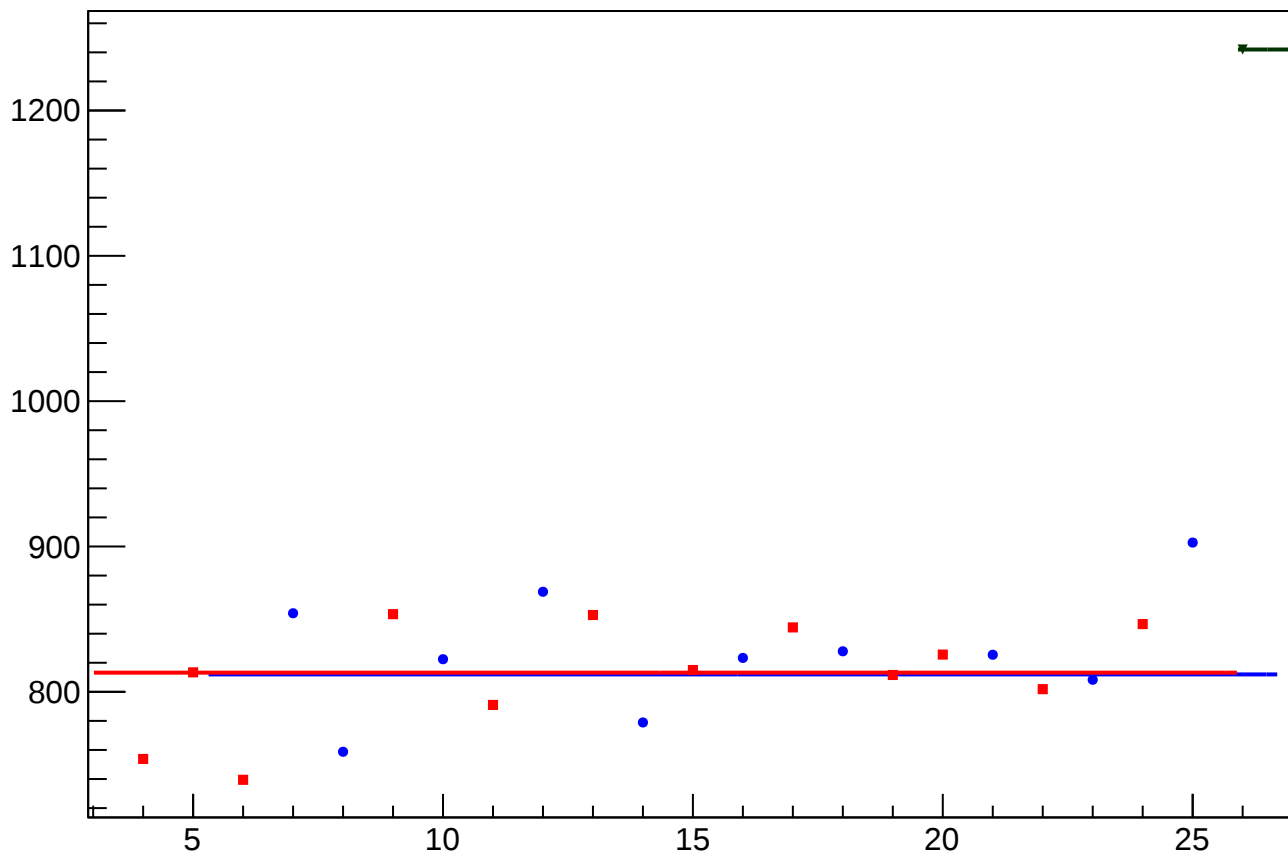
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

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

6.868 ± 0.315 χ^2/NDF : 261.7/10

-5.416 ± 0.322 χ^2/NDF : 311.5/11

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

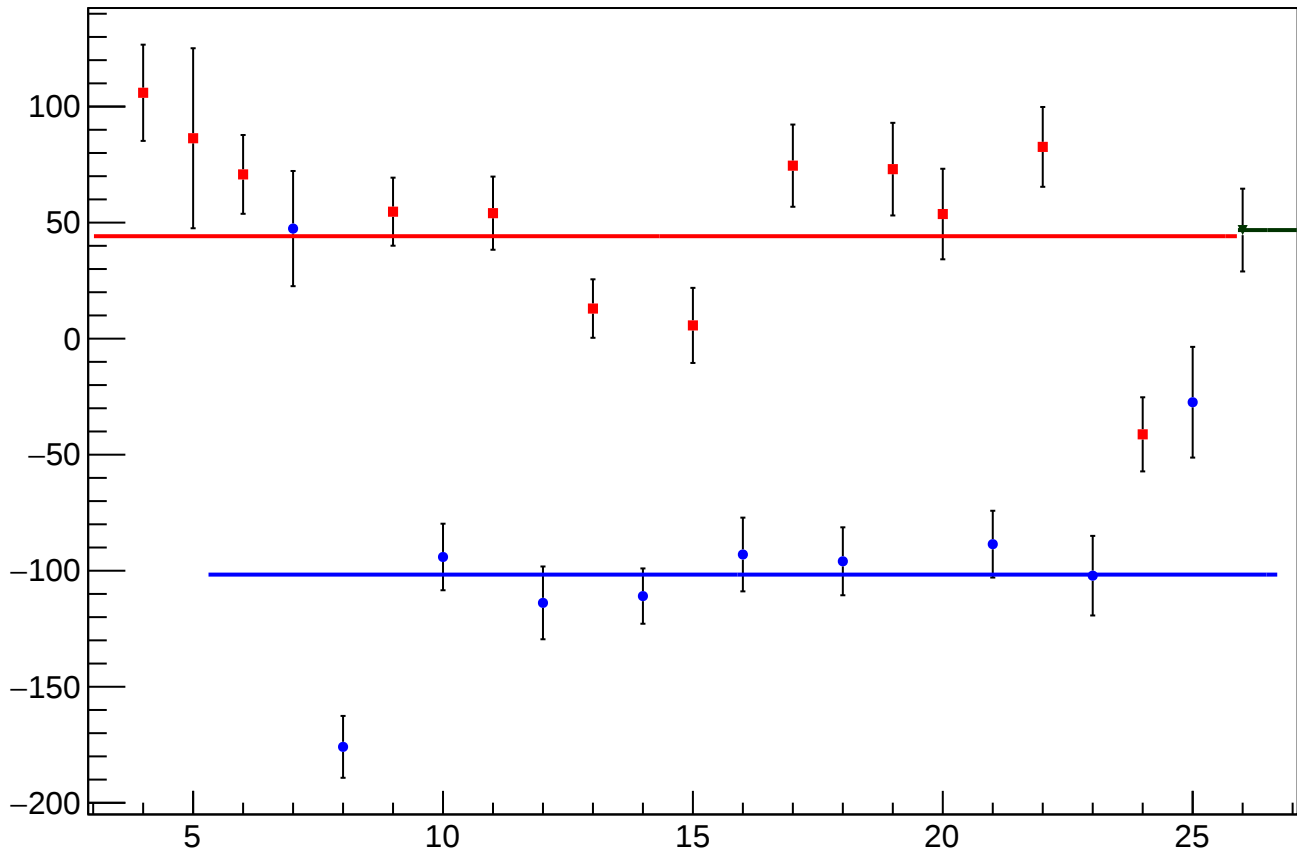
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

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

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

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

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

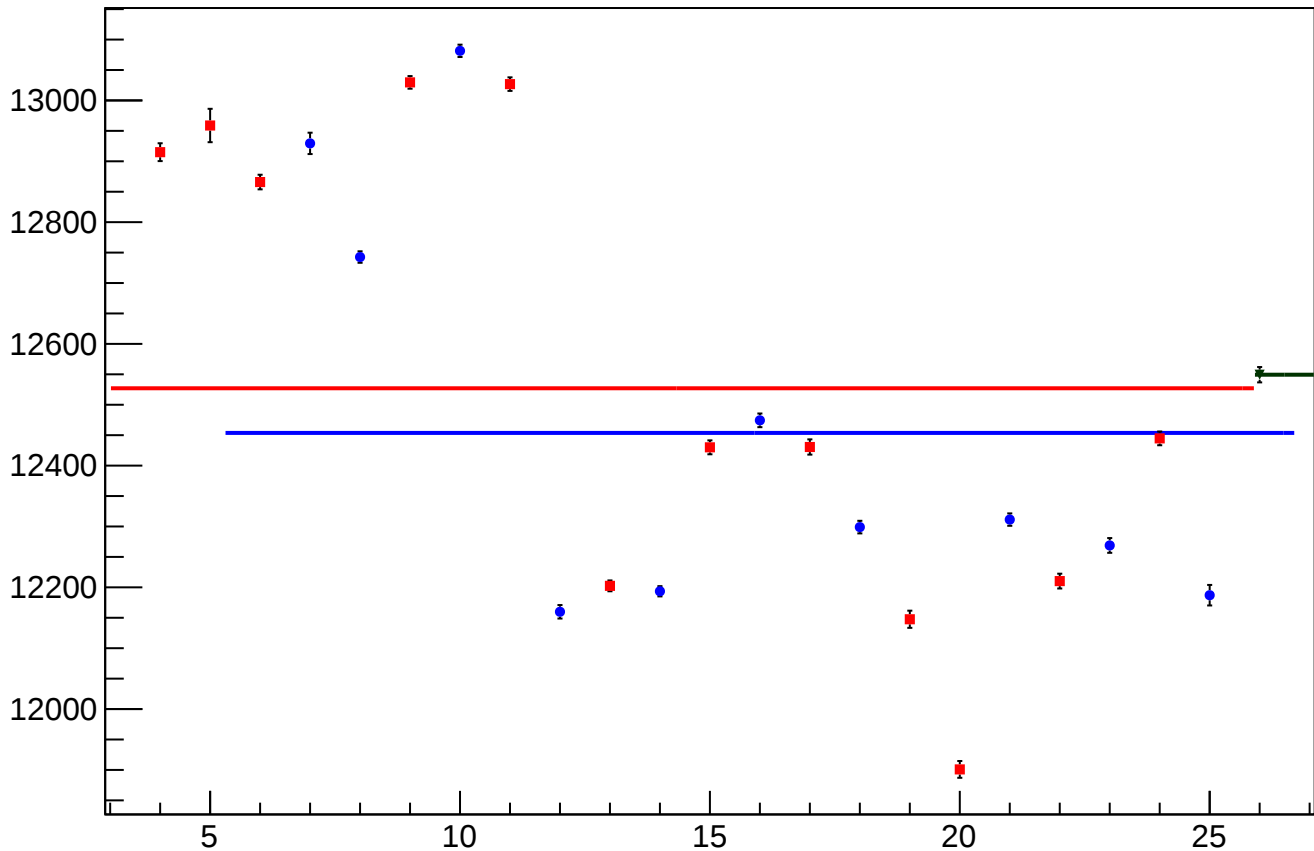
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

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

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

44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

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

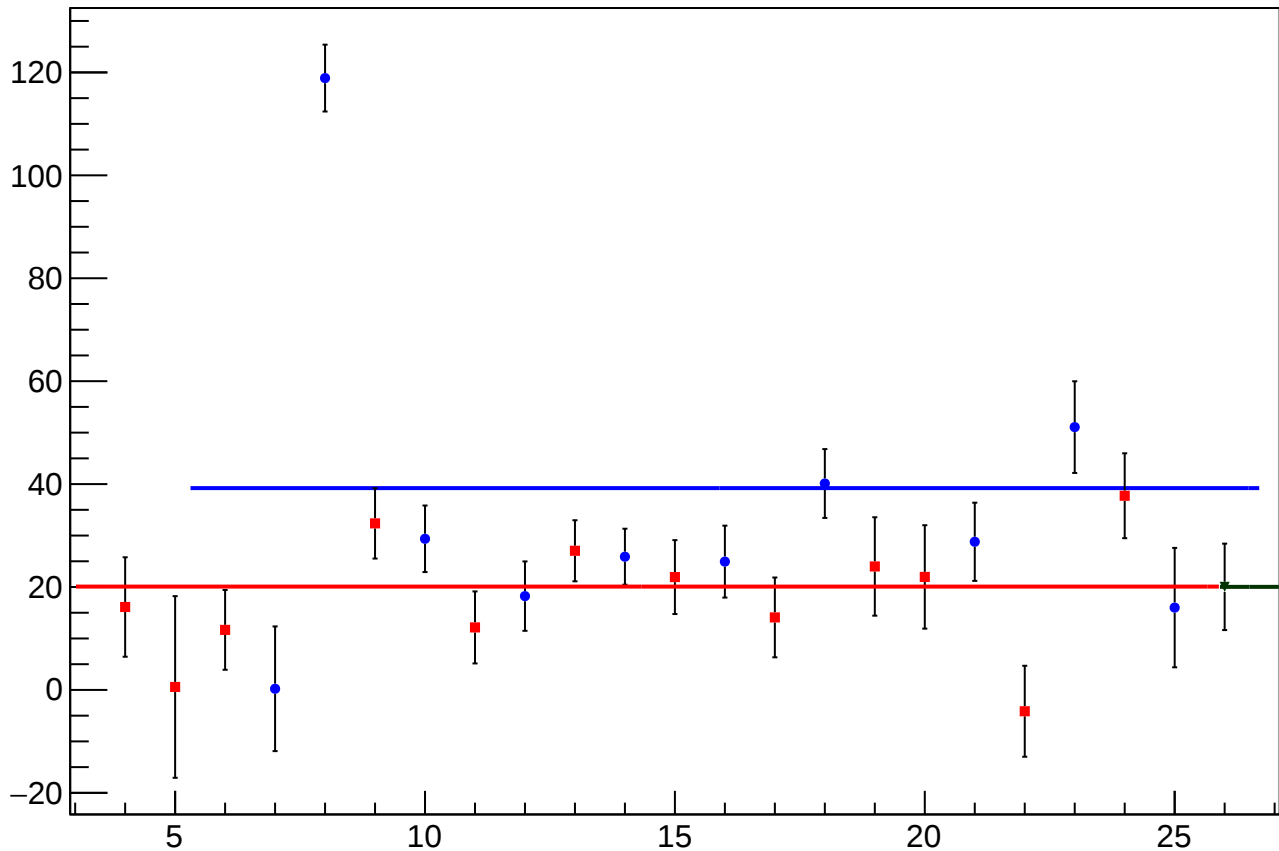
12460.410+/-3.334 χ^2/NDF : 8123.8/10

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

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

Left In: 12549.355+/-12.611 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs slug



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

Left Out: 20.029 $\pm$ 8.398 χ^2 /NDF: 0.0/0

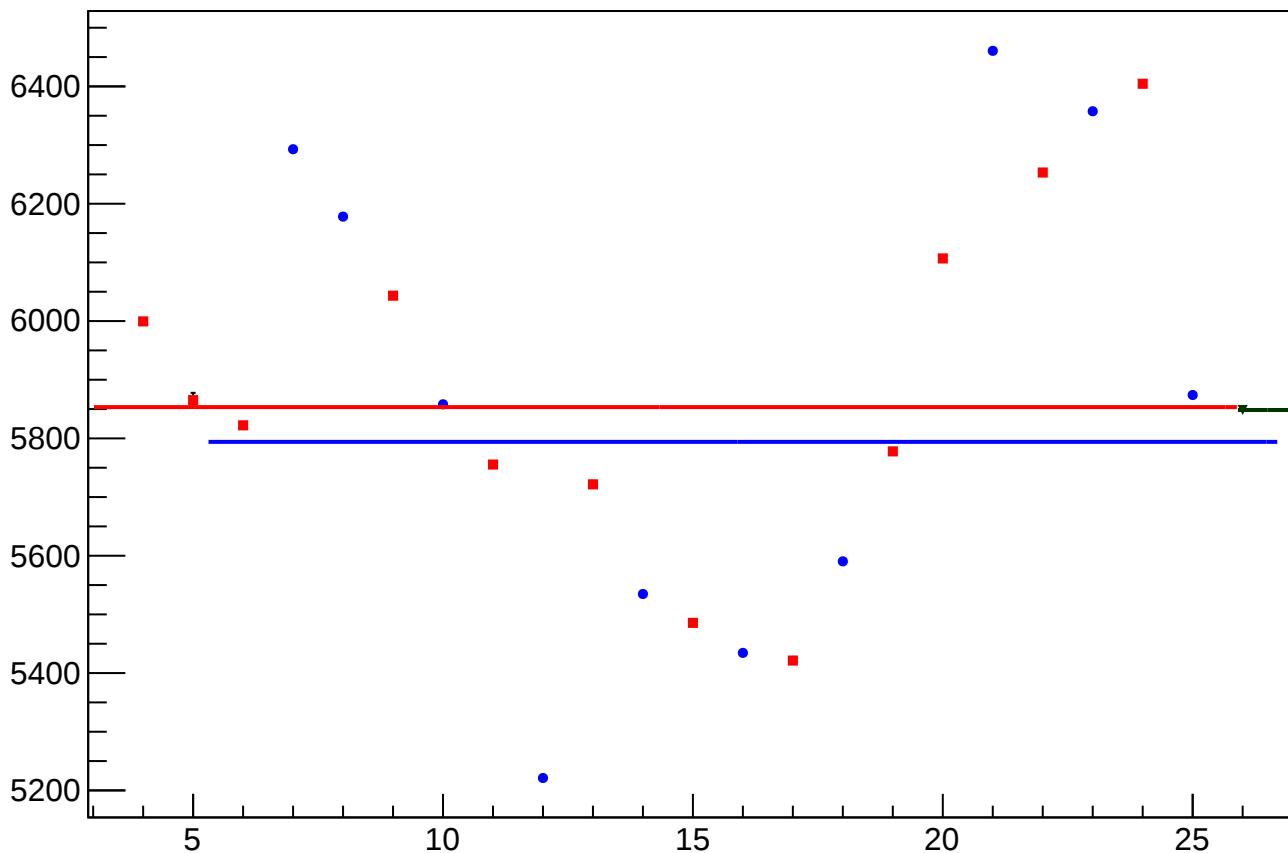
Right Out: 20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

Left In: -20.029 $\pm$ 8.398 χ^2 /NDF: 0.0/0

37.888 $\pm$ 2.211 χ^2 /NDF: 195.6/10

20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

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

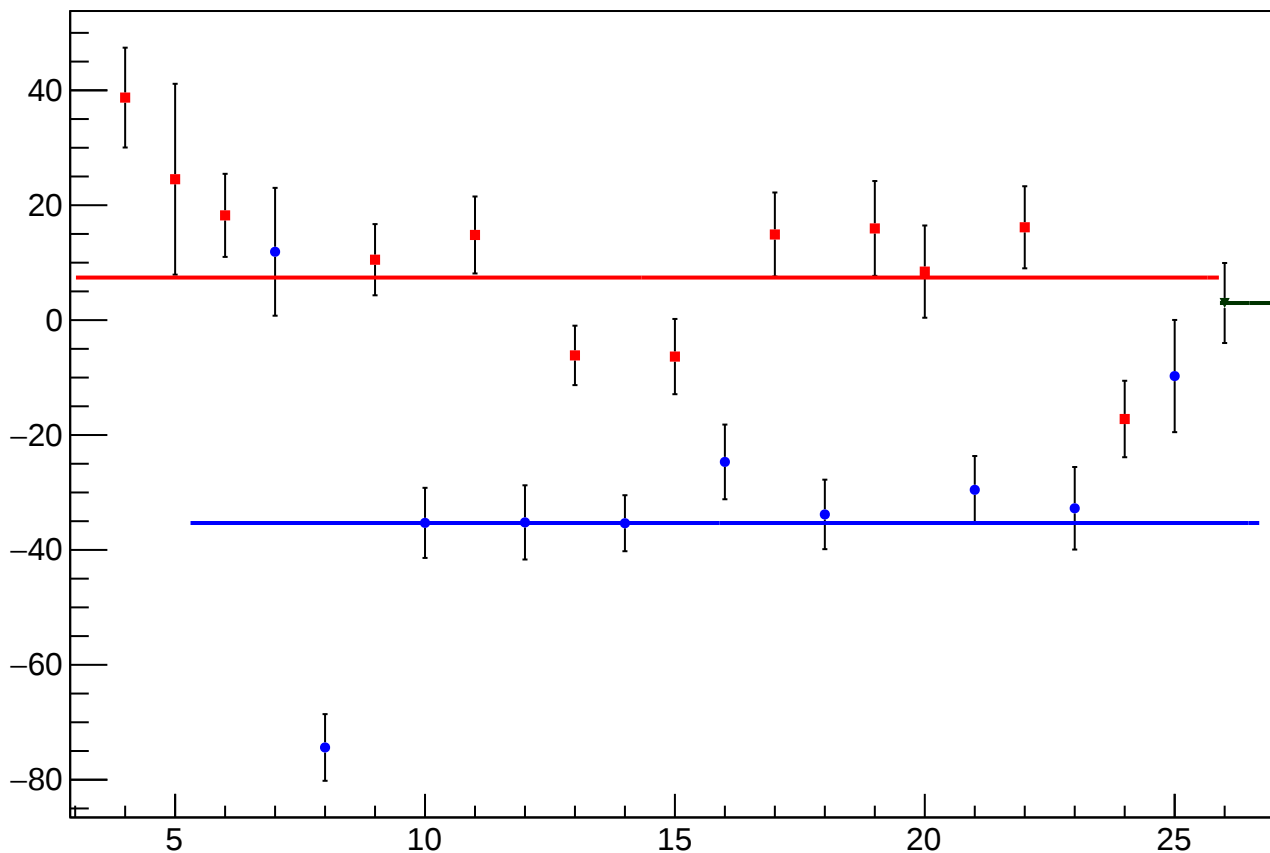
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

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

5797.835+/-1.563 χ^2/NDF : 60287.1/10

5853.344+/-1.643 χ^2/NDF : 29282.6/11

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

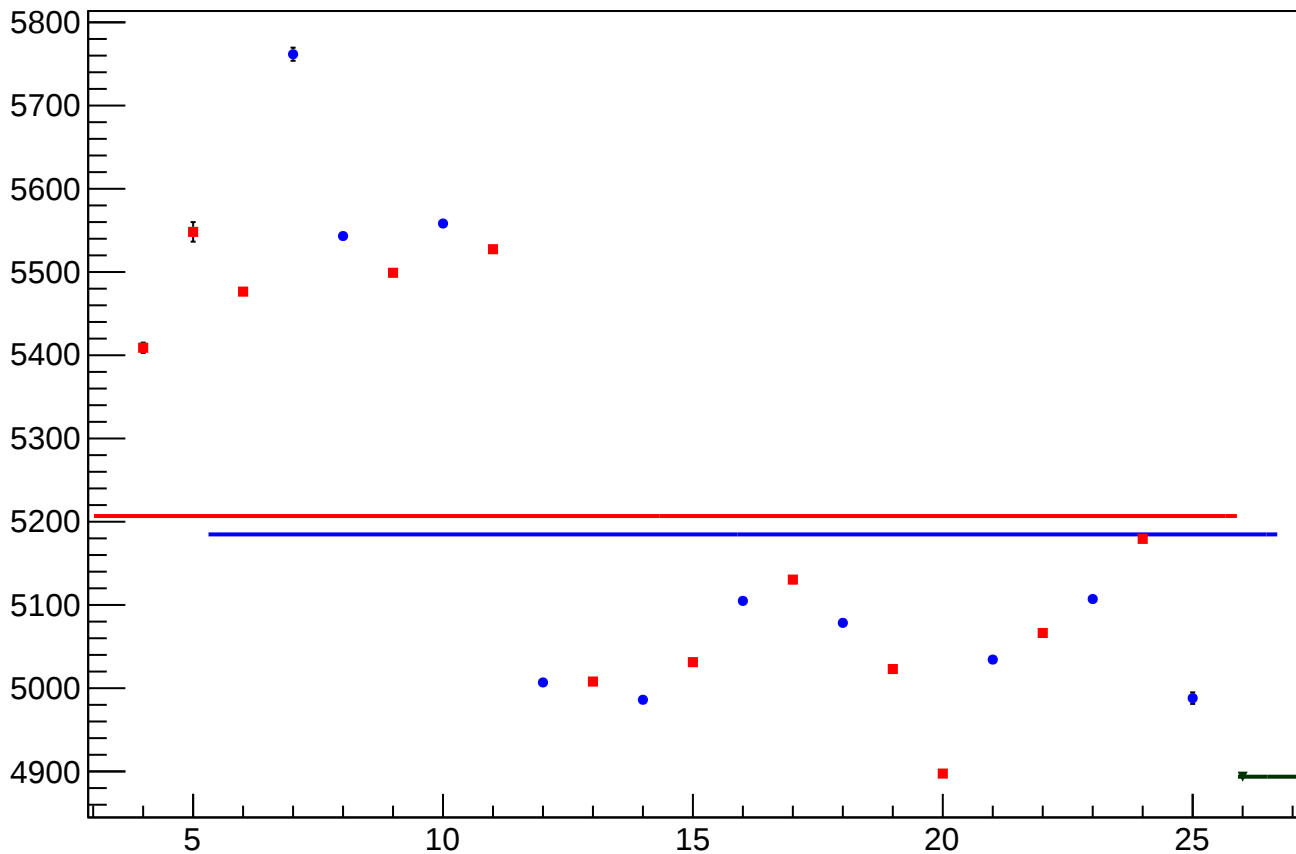
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

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

-32.290 ± 1.957 χ^2/NDF : 101.9/10

7.409 ± 2.058 χ^2/NDF : 46.4/11

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

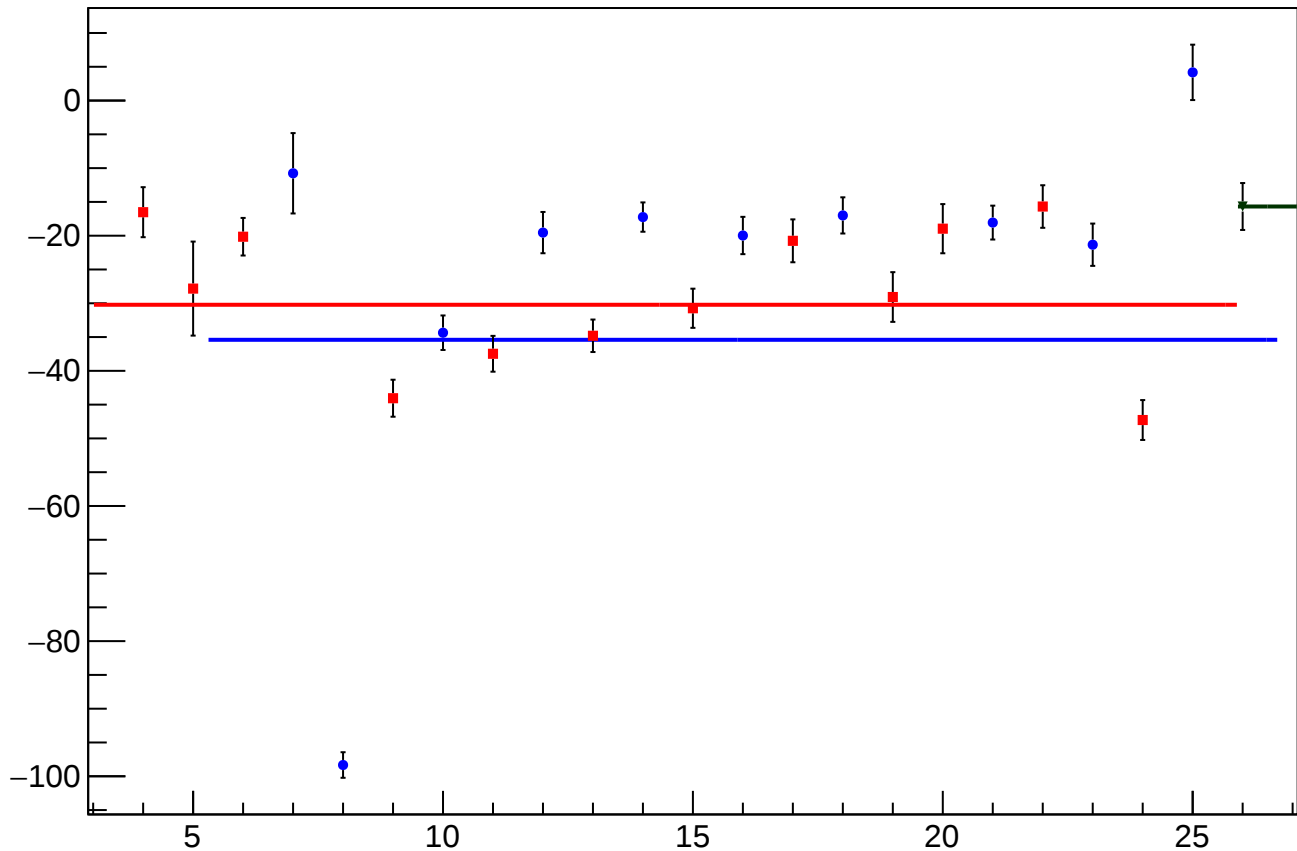
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

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

5161.779+/-1.384 χ^2/NDF : 31832.1/10

5206.838+/-1.455 χ^2/NDF : 23121.5/11

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

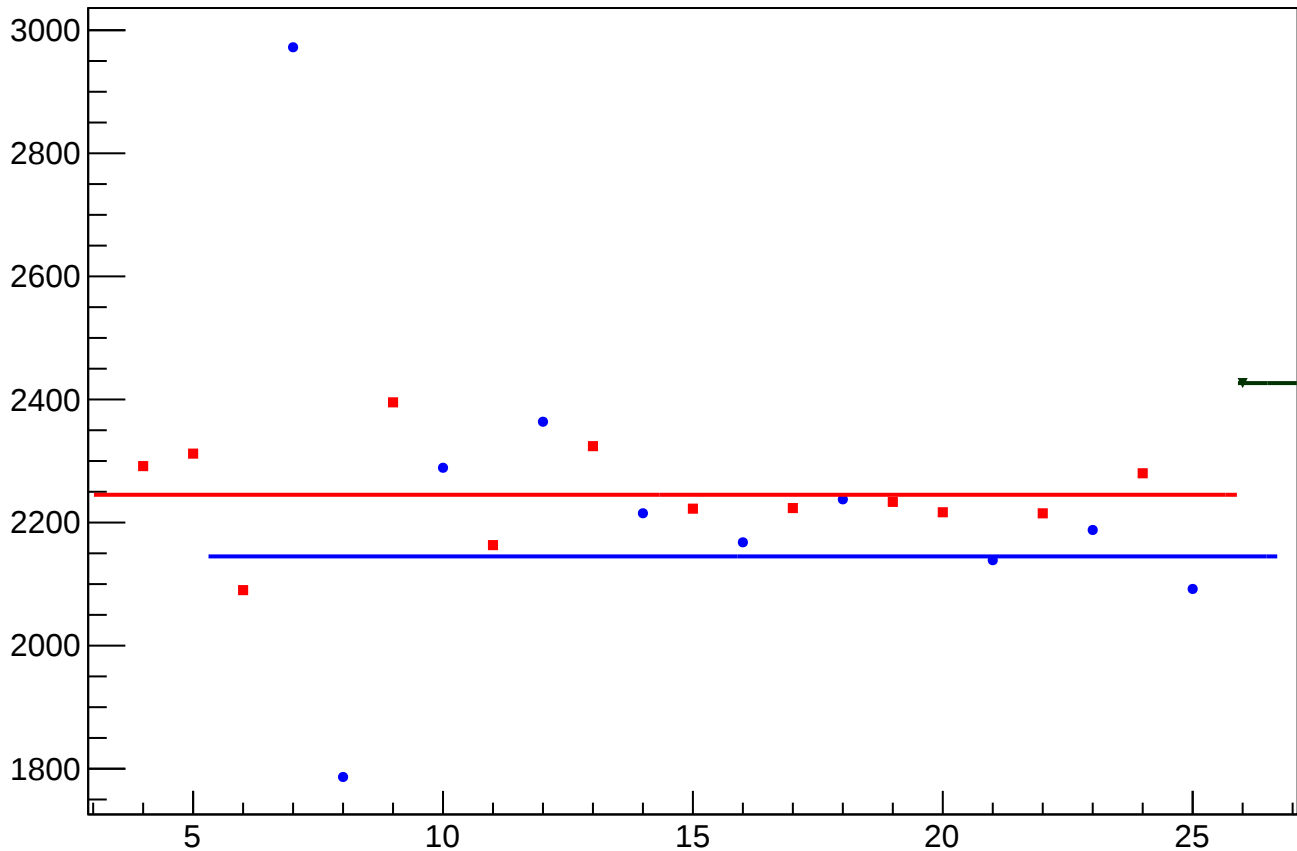
-34.281 ± 0.829 χ^2/NDF : 1489.7/10

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

-30.222 ± 0.893 χ^2/NDF : 136.9/11

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

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

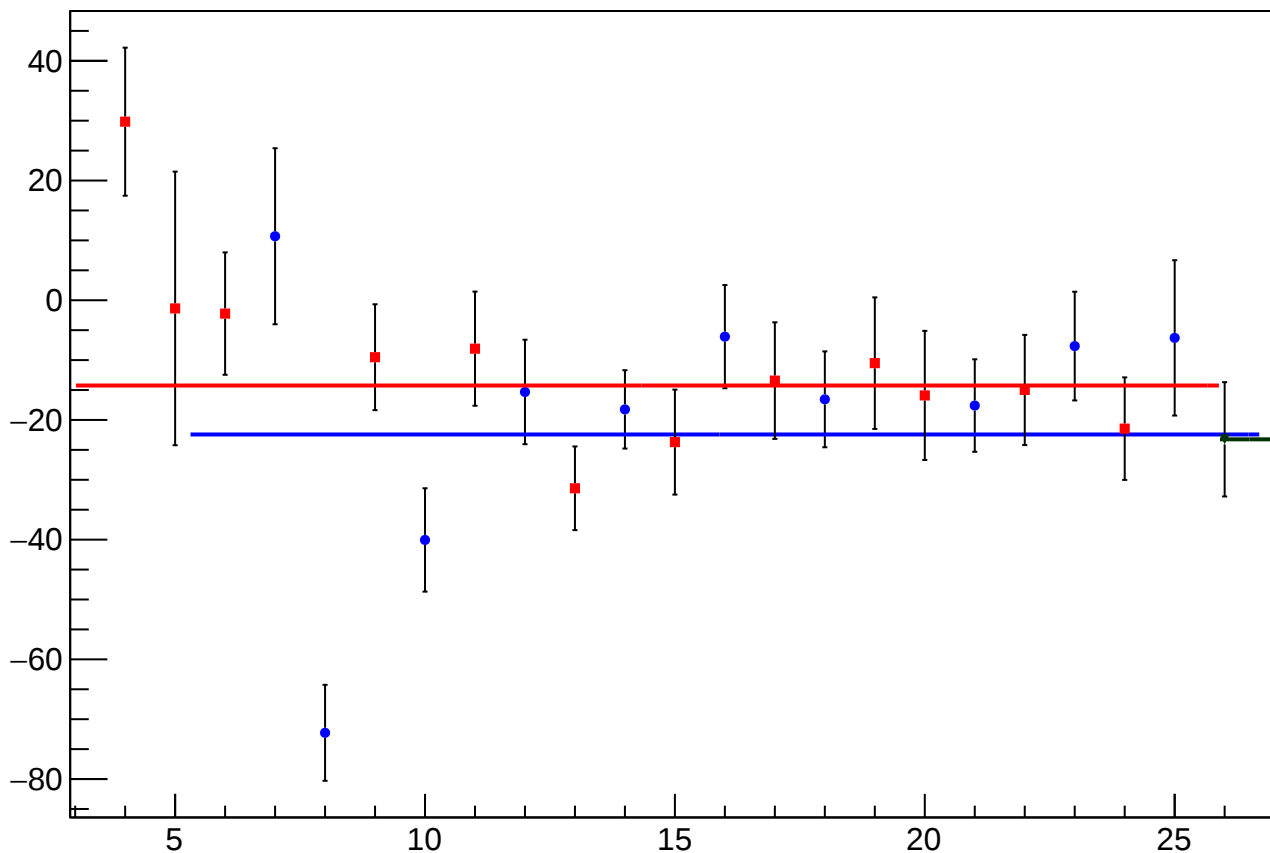
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

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

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

2245.118+/-0.631 χ^2/NDF : 17612.9/11

diff_bpm0l04X_mean vs slug



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

Left Out: -23.240 ± 9.549 $\chi^2/\text{NDF}: 0.0/0$

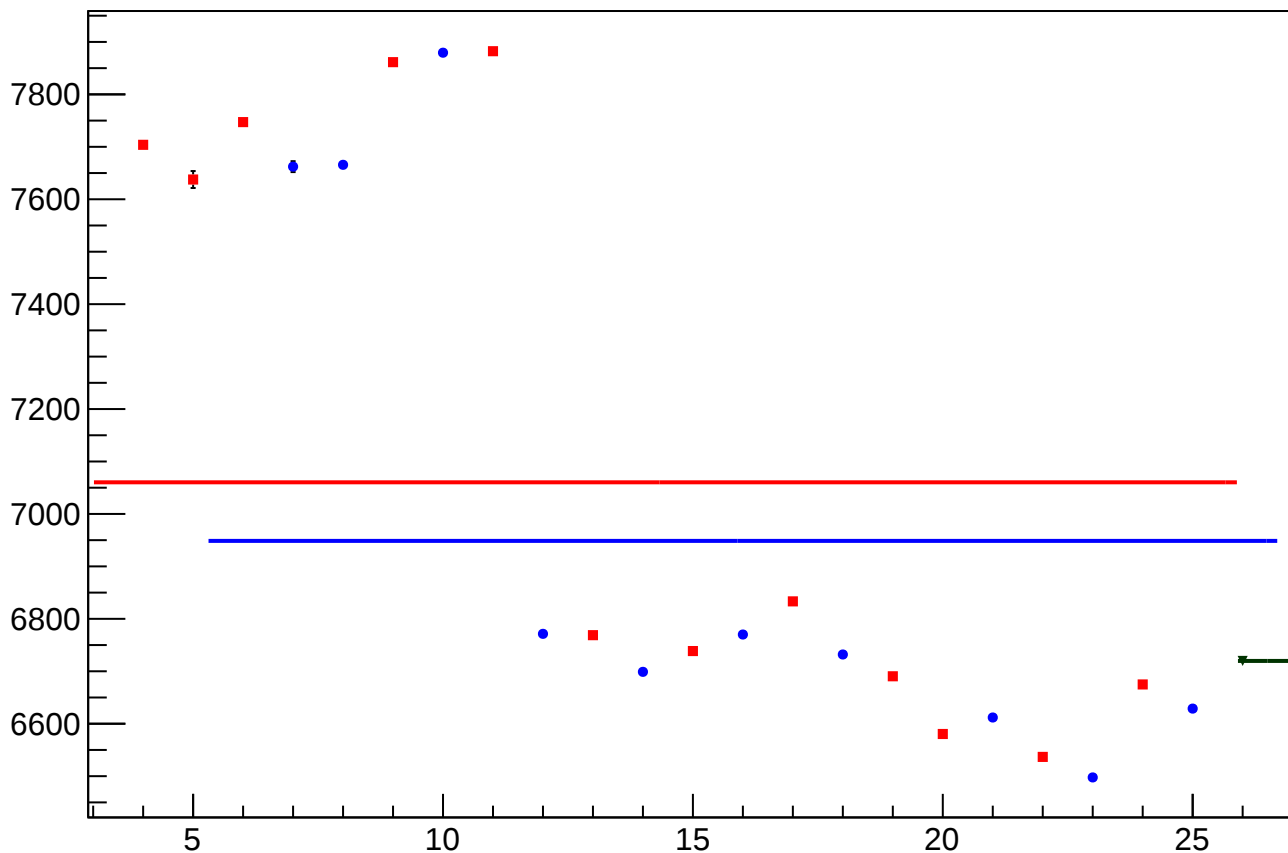
Right Out: -14.248 ± 2.794 $\chi^2/\text{NDF}: 23.2/11$

Left In: 23.240 ± 9.549 $\chi^2/\text{NDF}: 0.0/0$

-22.490 ± 2.628 $\chi^2/\text{NDF}: 57.7/10$

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

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

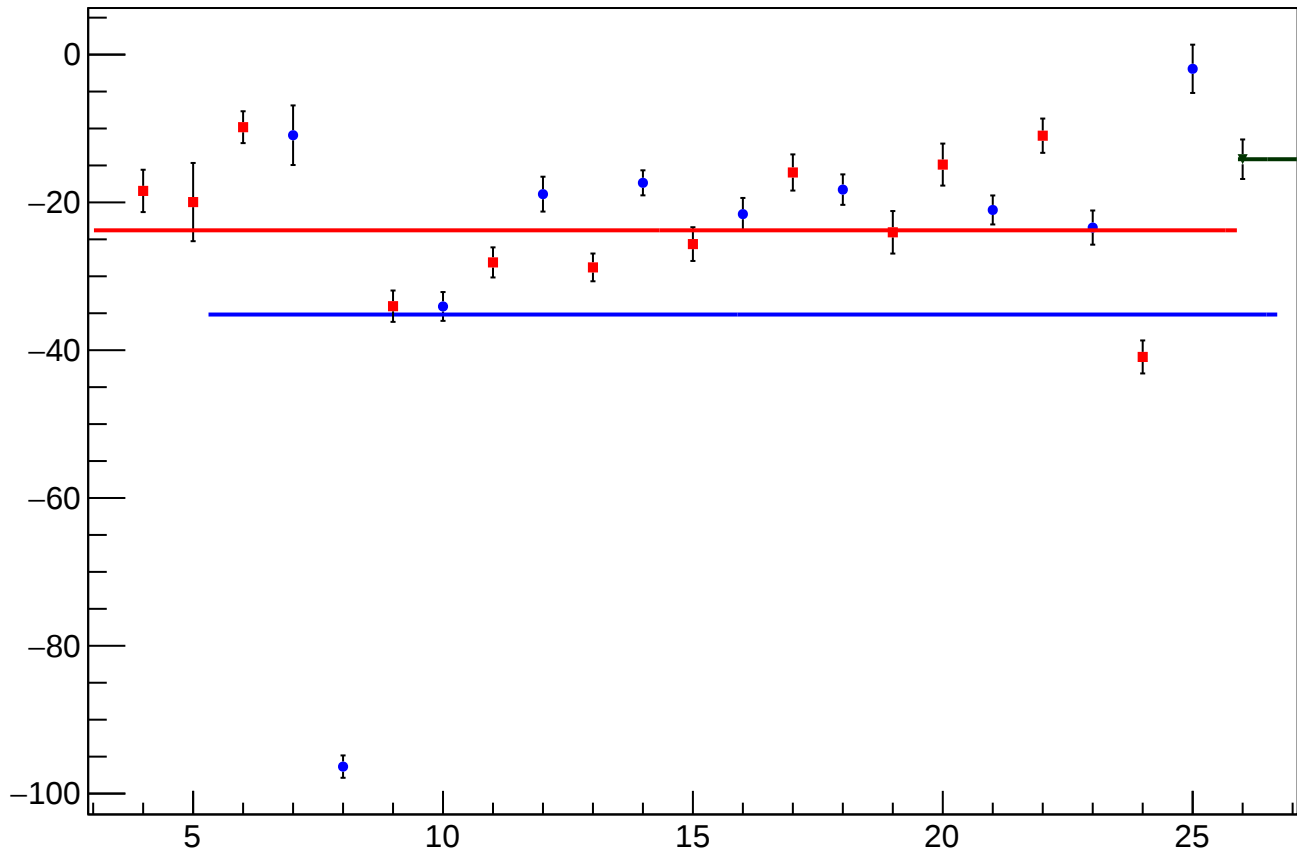
Right Out: 7060.304 $\pm$ 1.976 χ^2 /NDF: 70982.1/11

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

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

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

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

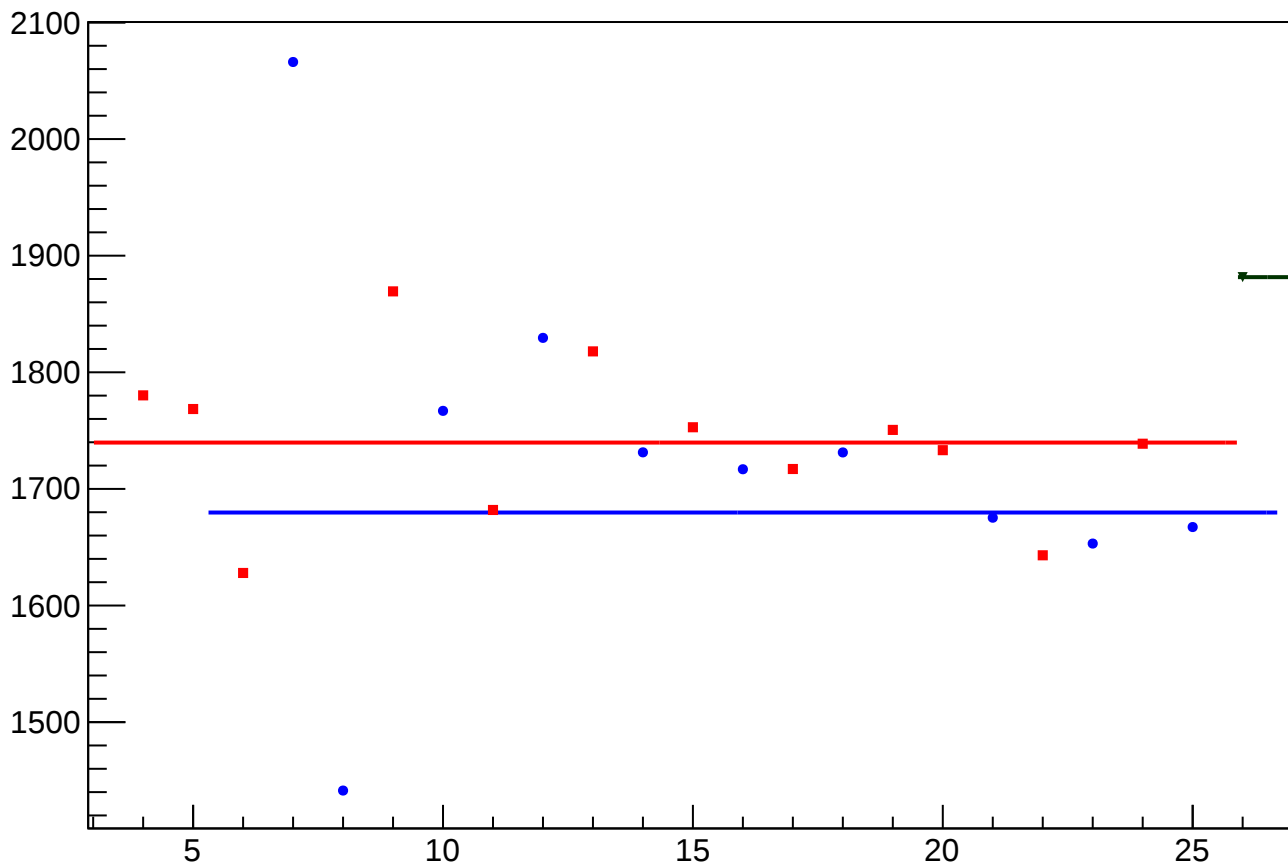
Right Out: -23.778 ± 0.688 χ^2/NDF : 191.1/11

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

-33.957 ± 0.644 χ^2/NDF : 2175.3/10

-23.778 ± 0.688 χ^2/NDF : 191.1/11

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

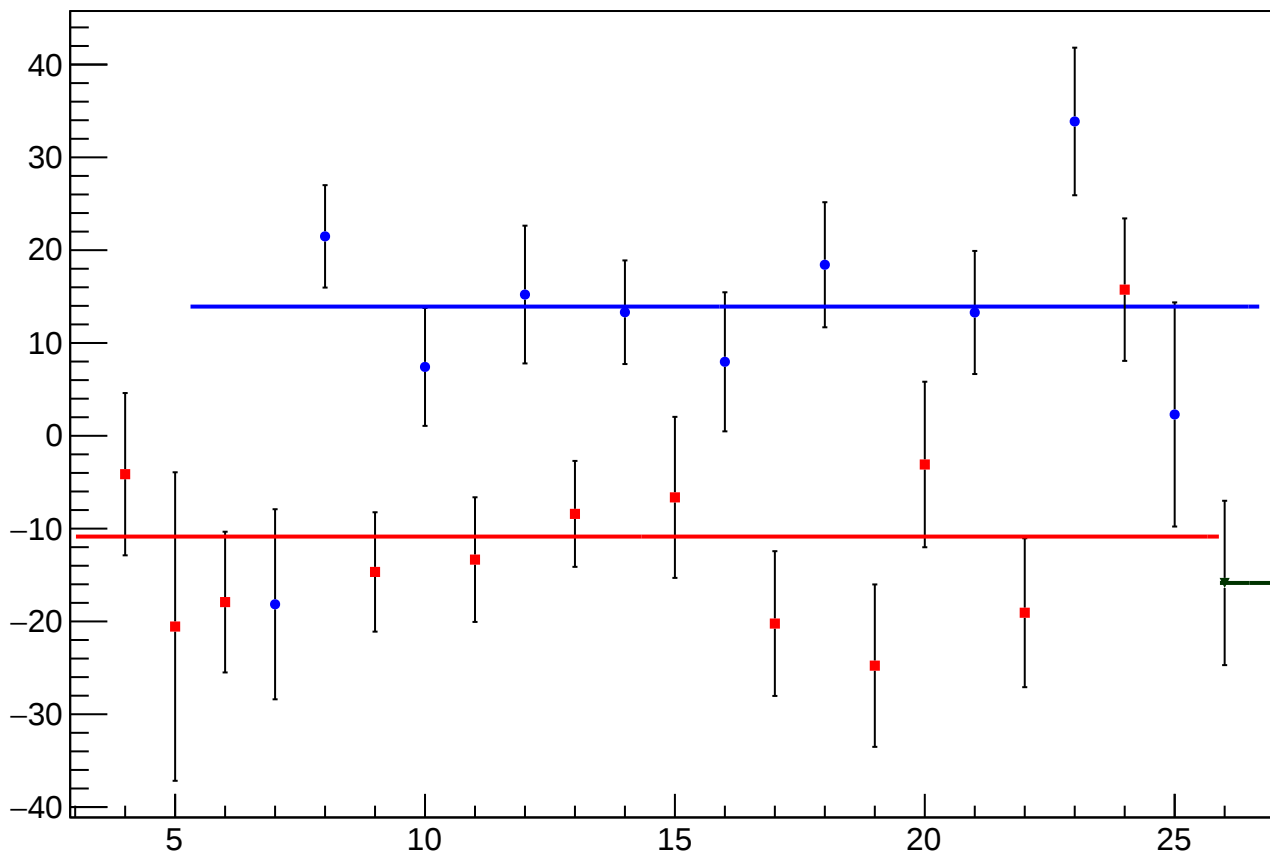
Right Out: 1739.740 $\pm$ 0.487 χ^2 /NDF: 22147.7/11

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

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

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

diff_bpm0l05X_mean vs slug



Right In: 13.922 $\pm$ 2.221 χ^2 /NDF: 21.1/9

Left Out: -15.854 $\pm$ 8.853 χ^2 /NDF:0.0/0

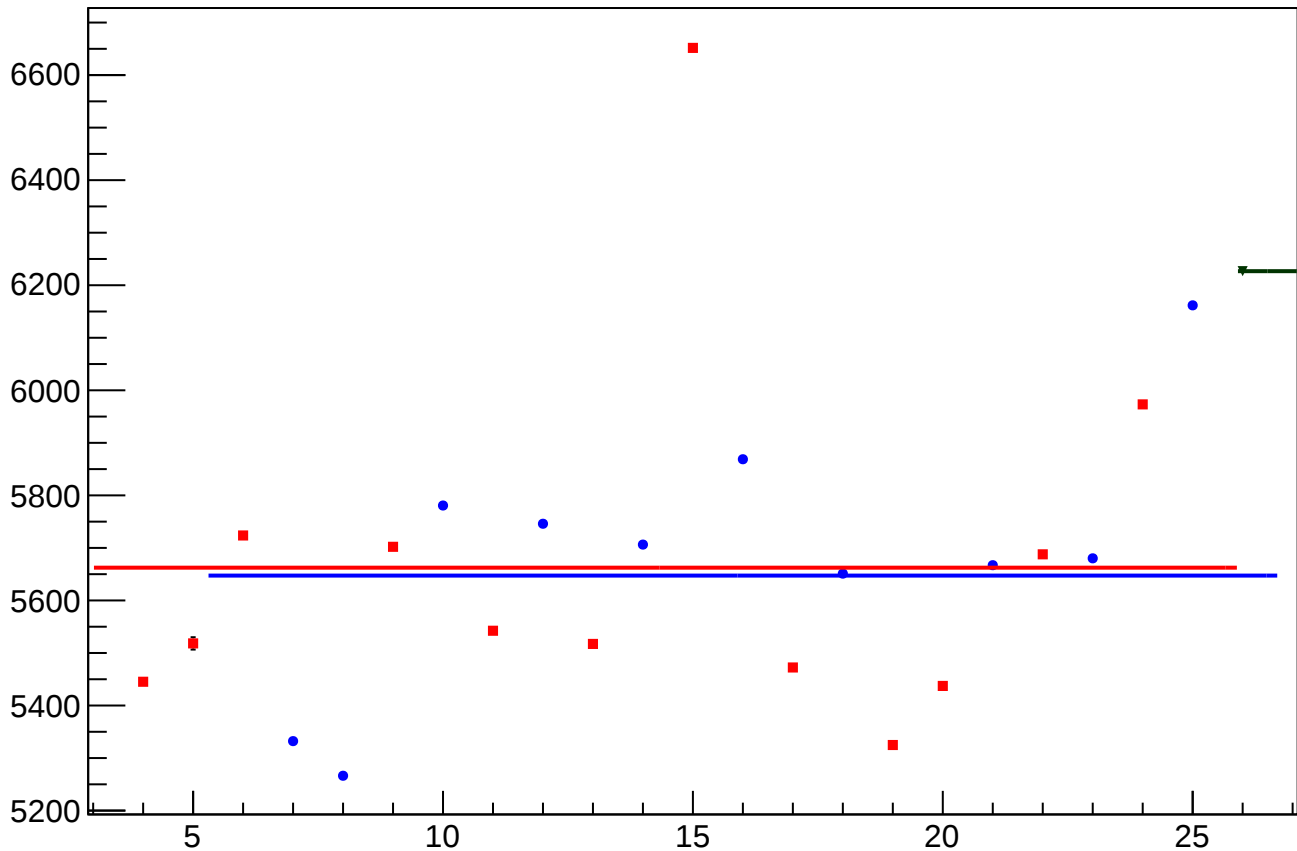
Right Out: -10.857 $\pm$ 2.241 χ^2 /NDF: 20.5/11

Left In: 15.854 $\pm$ 8.853 χ^2 /NDF:0.0/0

12.159 $\pm$ 2.154 χ^2 /NDF: 31.7/10

-10.857 $\pm$ 2.241 χ^2 /NDF: 20.5/11

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

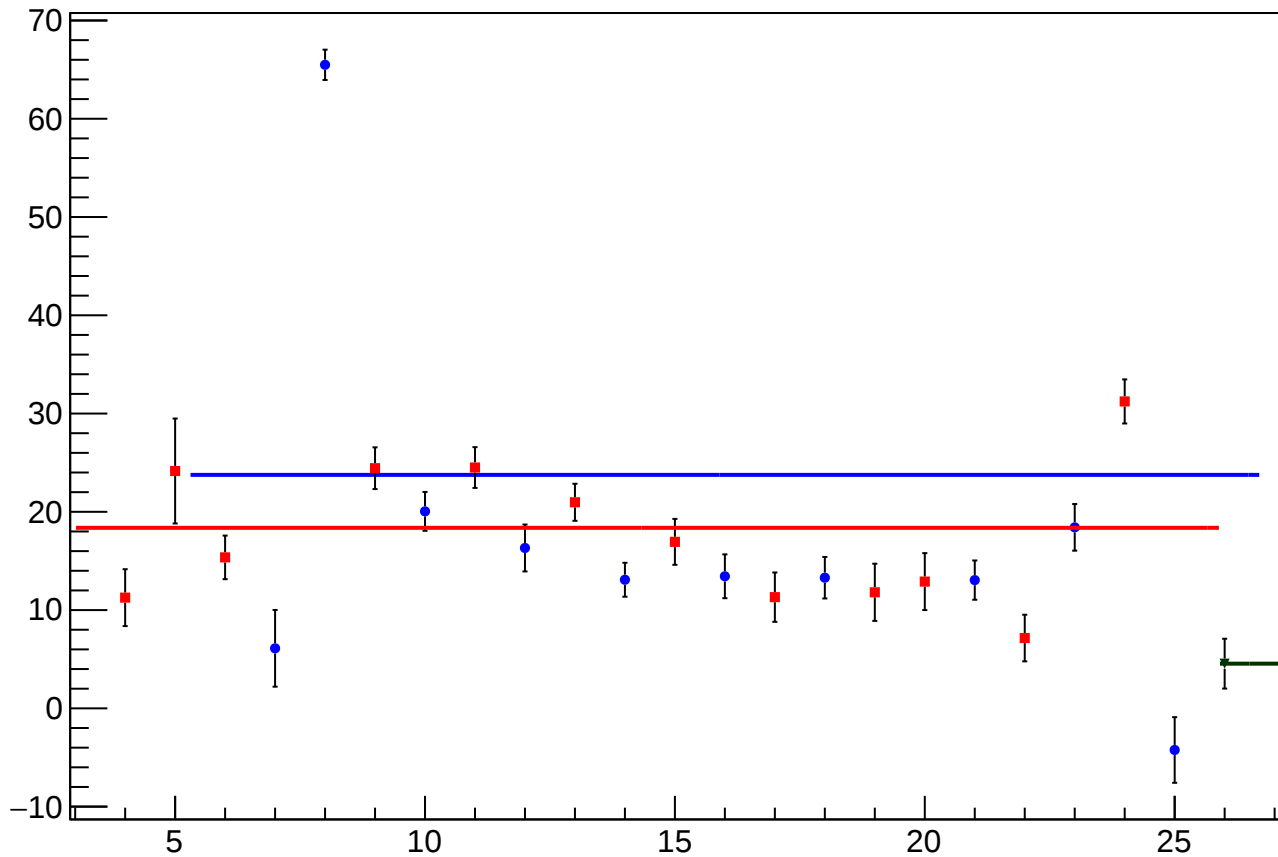
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

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

5681.635+/-1.523 χ^2/NDF : 26378.1/10

5662.385+/-1.585 χ^2/NDF : 38277.2/11

diff_bpm0l05Y_mean vs slug



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

Left Out: 4.548 $\pm$ 2.536 χ^2 /NDF: 0.0/0

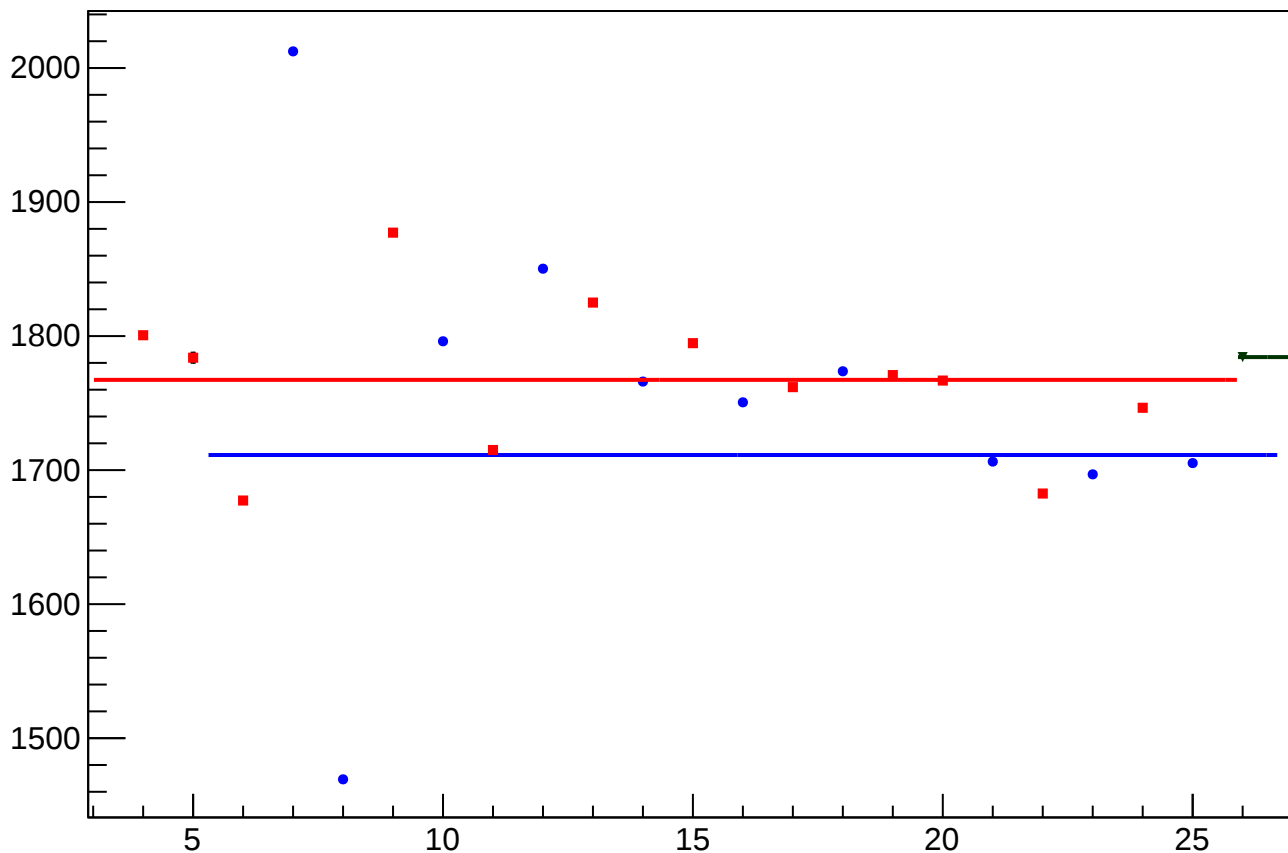
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: -4.548 $\pm$ 2.536 χ^2 /NDF: 0.0/0

22.490 $\pm$ 0.652 χ^2 /NDF: 1008.3/10

18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

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

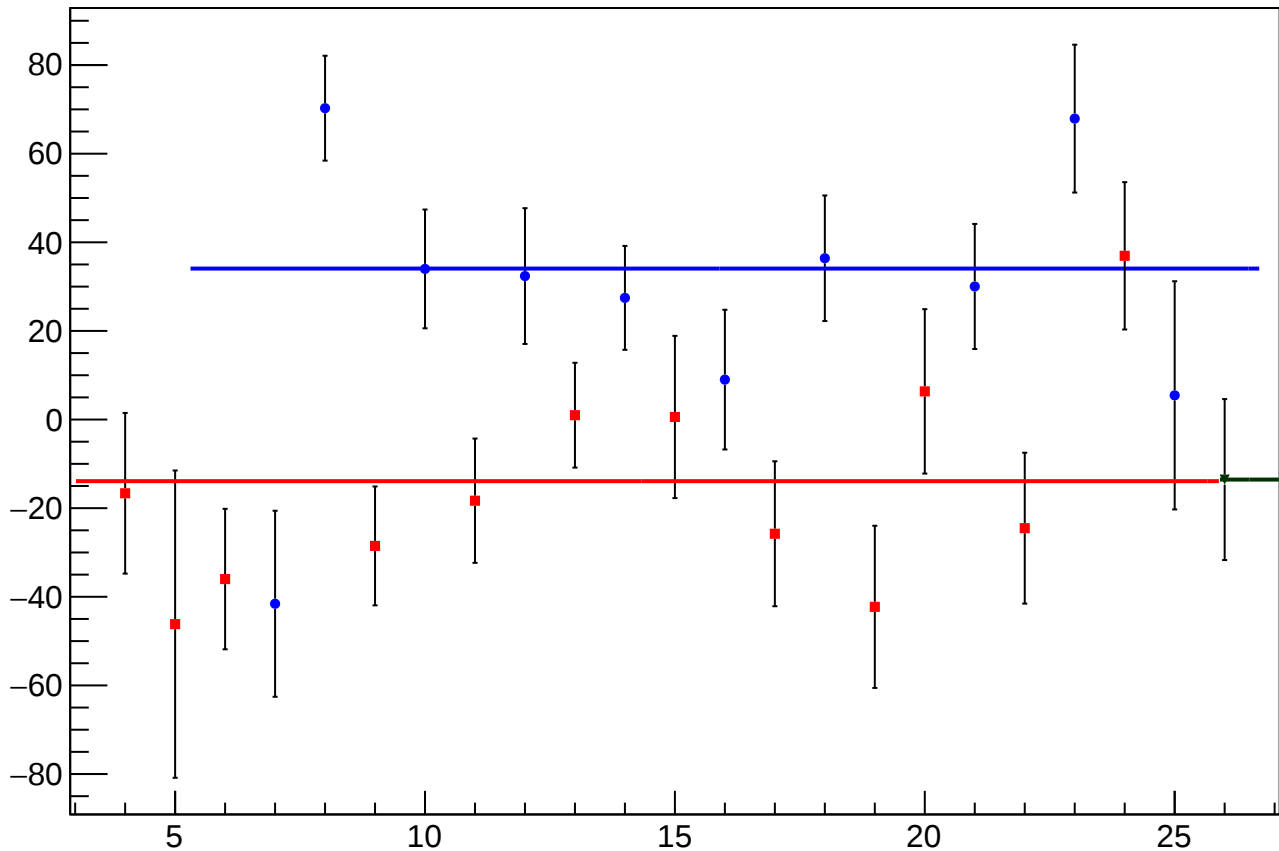
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

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

1716.110+/-0.461 χ^2/NDF : 77686.8/10

1767.340+/-0.494 χ^2/NDF : 15091.3/11

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

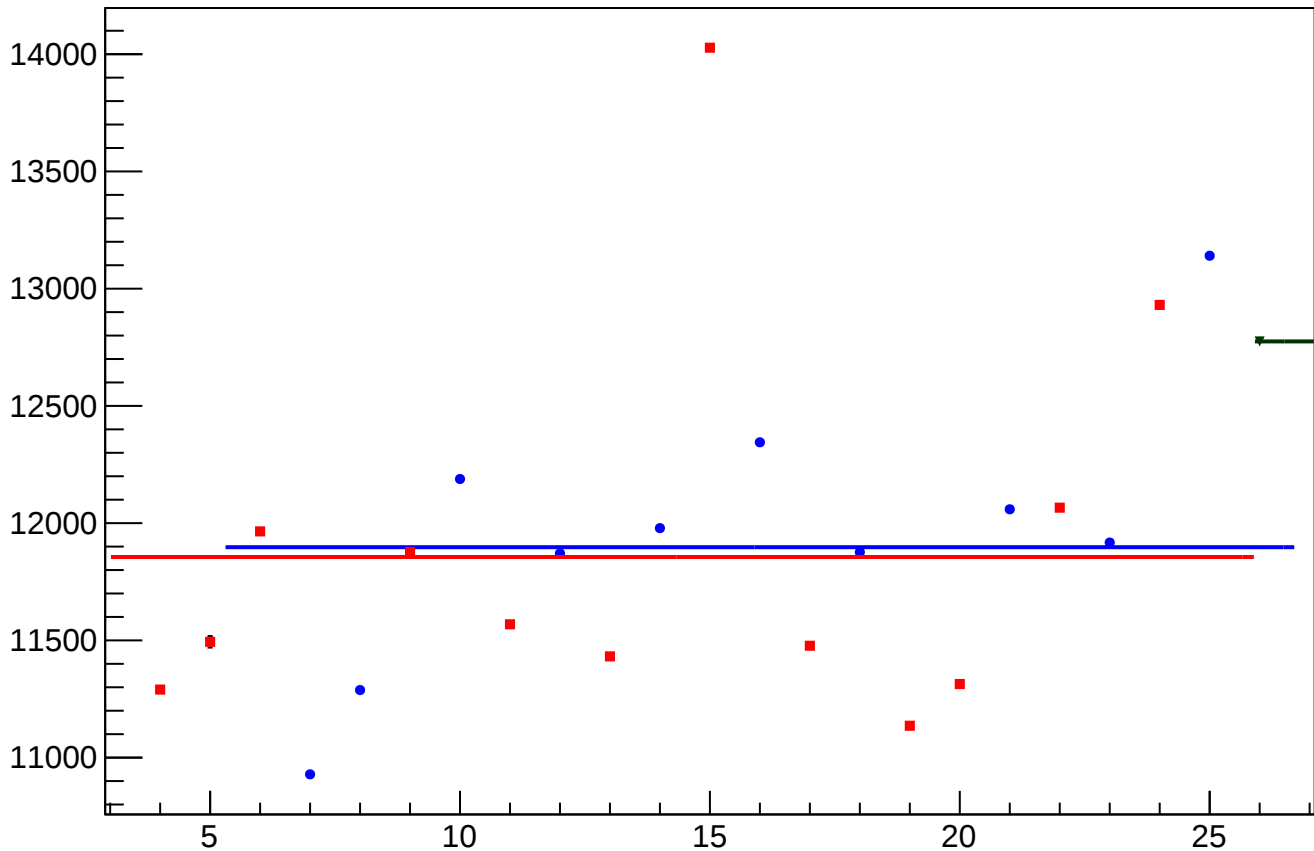
Right Out: -13.904 ± 4.697 χ^2/NDF : 20.2/11

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

31.107 ± 4.533 χ^2/NDF : 37.1/10

-13.904 ± 4.697 χ^2/NDF : 20.2/11

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

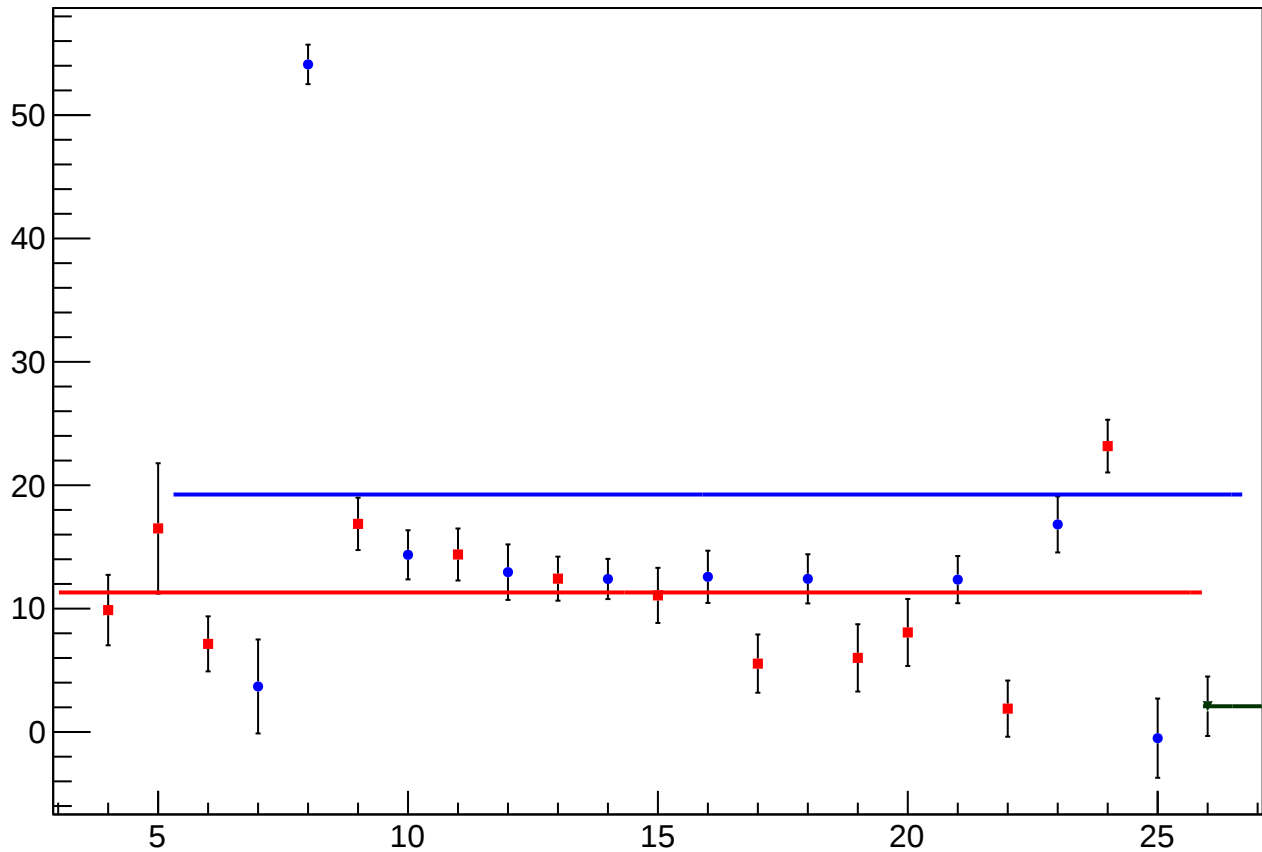
11952.071+/-3.205 χ^2/NDF : 21521.2/10

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

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

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

diff_bpm0l06Y_mean vs slug



Right In: 19.249 $\pm$ 0.656 χ^2 /NDF: 596.3/9

Left Out: 2.086 $\pm$ 2.410 χ^2 /NDF: 0.0/0

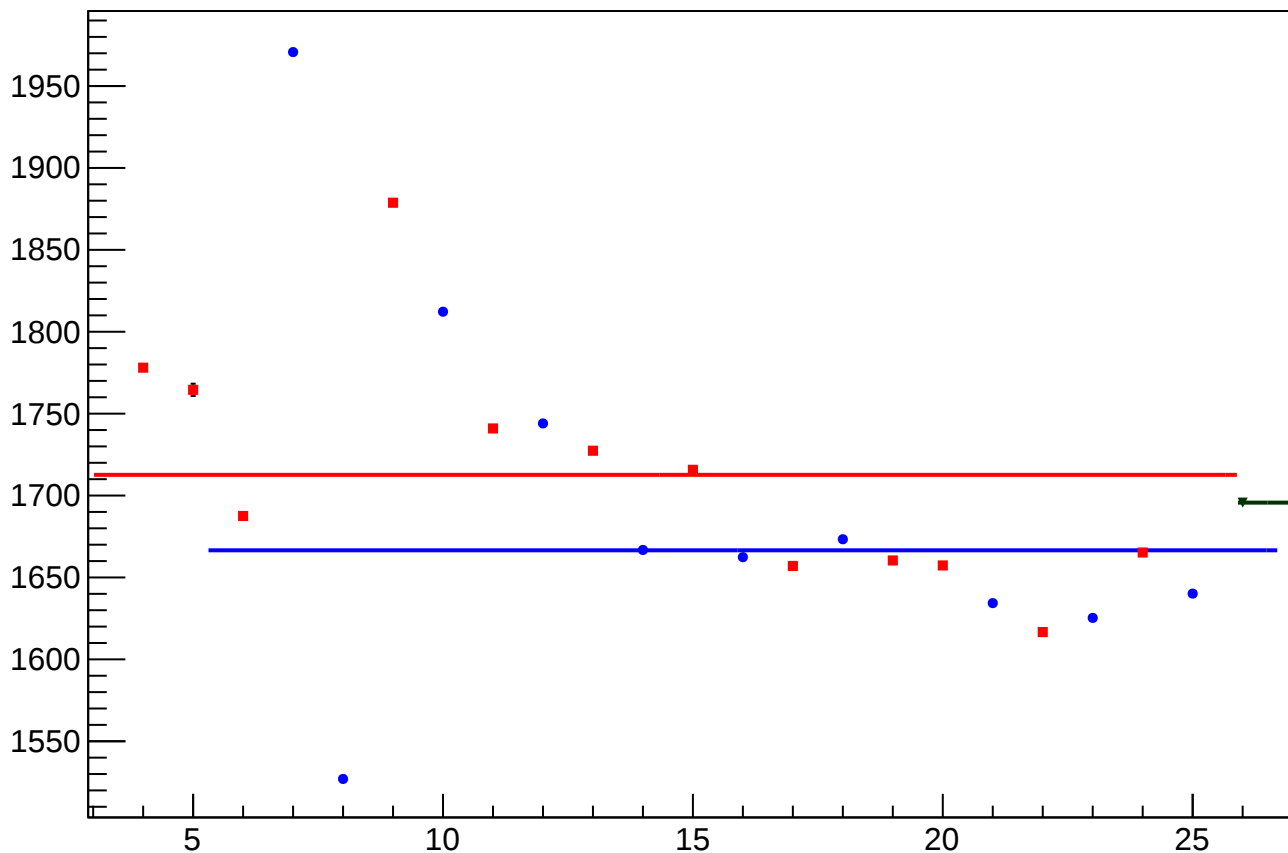
Right Out: 11.311 $\pm$ 0.677 χ^2 /NDF: 73.1/11

Left In: -2.086 $\pm$ 2.410 χ^2 /NDF: 0.0/0

18.066 $\pm$ 0.633 χ^2 /NDF: 643.5/10

11.311 $\pm$ 0.677 χ^2 /NDF: 73.1/11

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

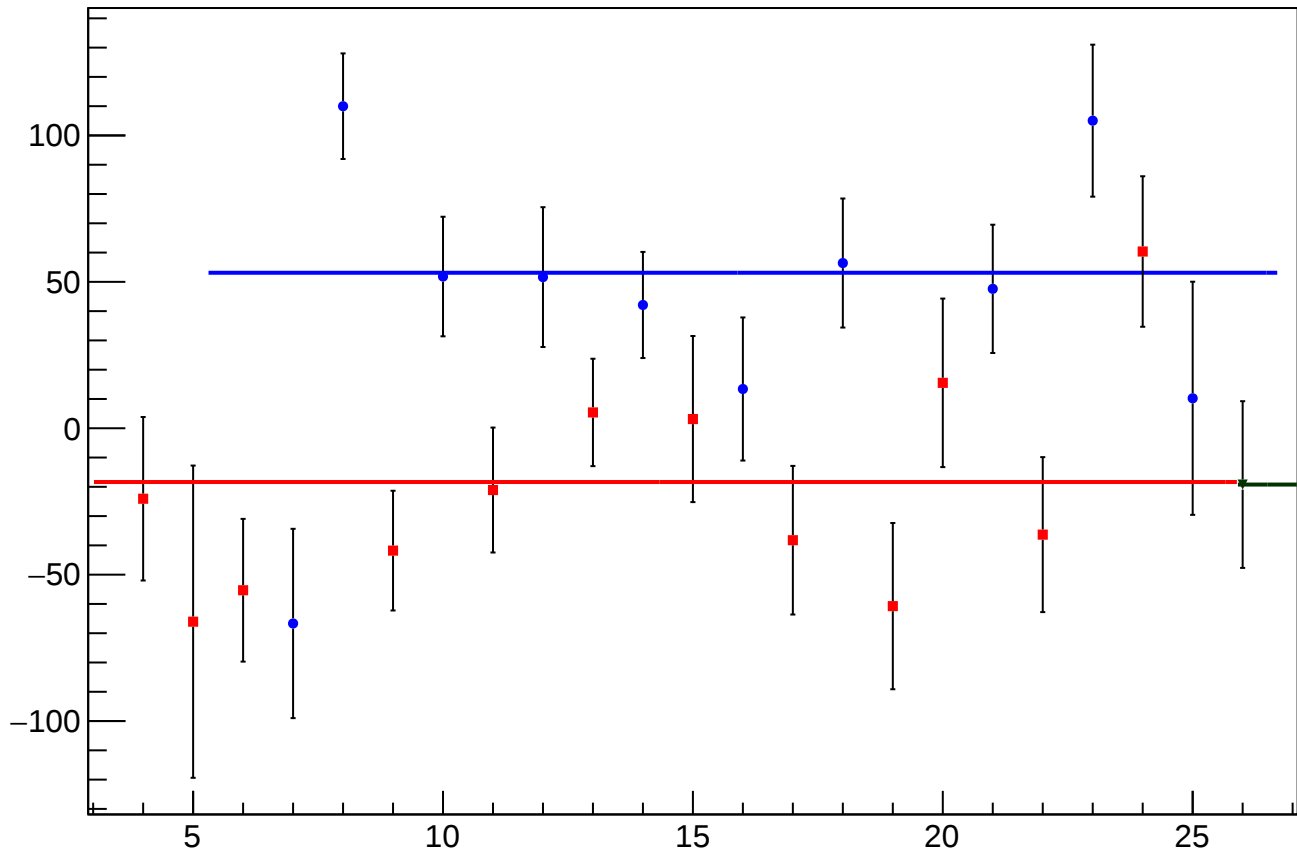
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

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

1668.582+/-0.447 χ^2/NDF : 42710.7/10

1712.647+/-0.479 χ^2/NDF : 21464.2/11

diff_bpm0l07X_mean vs slug



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

Left Out: -19.228+/-28.468 χ^2/NDF : 0.0/0

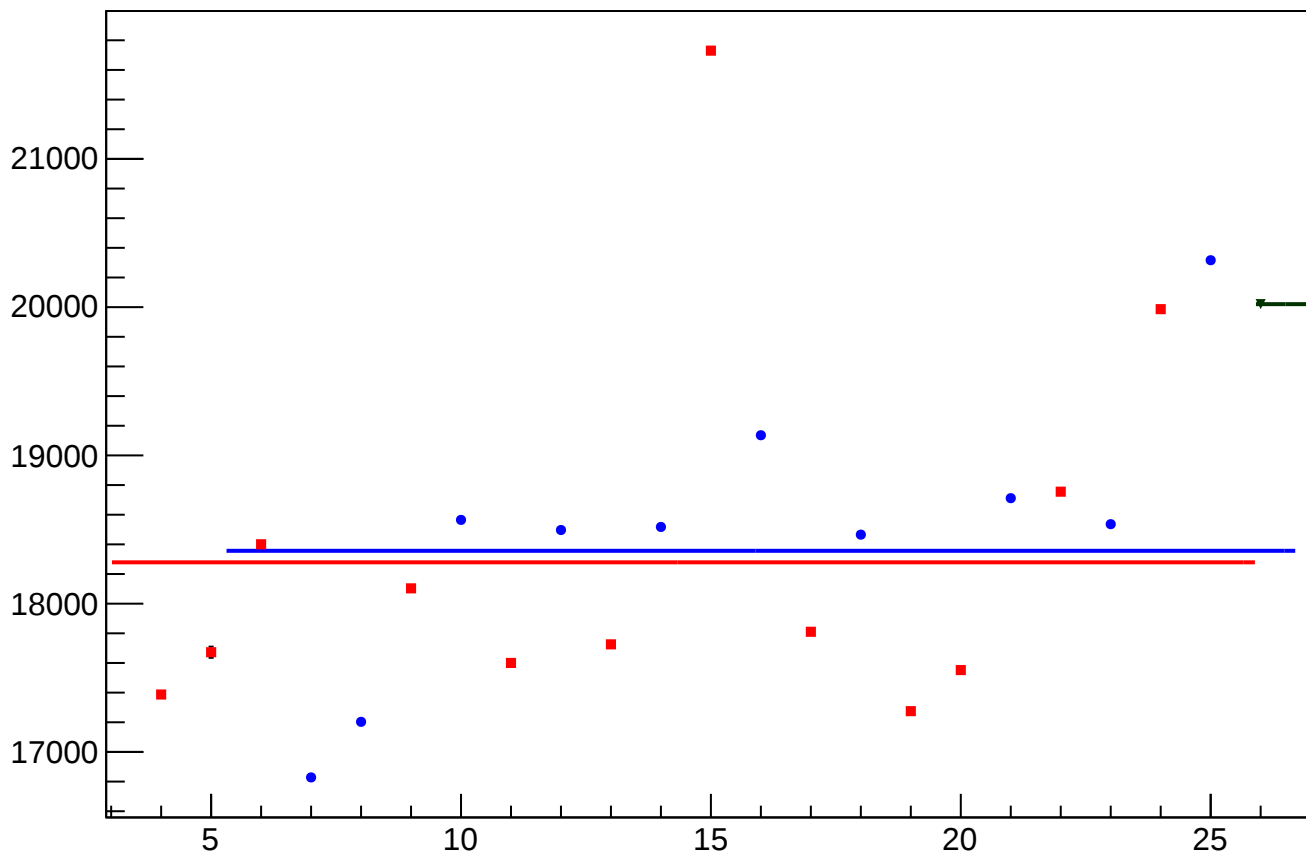
Right Out: -18.361+/-7.243 χ^2/NDF : 20.8/11

Left In: 19.228+/-28.468 χ^2/NDF : 0.0/0

48.734+/-7.002 χ^2/NDF : 38.0/10

-18.361+/-7.243 χ^2/NDF : 20.8/11

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

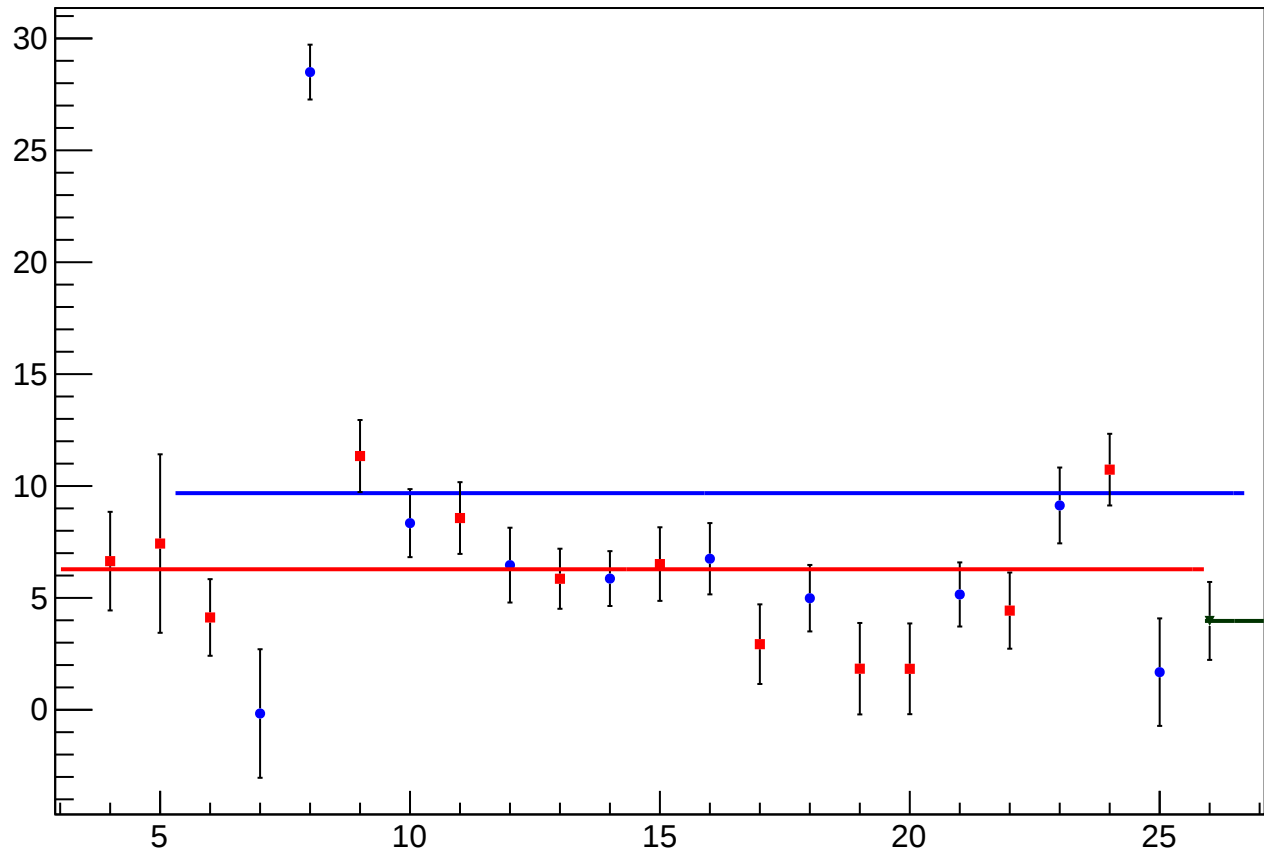
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

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

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

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

diff_bpm0l07Y_mean vs slug



Right In: 9.681 $\pm$ 0.494 χ^2 /NDF: 296.3/9

Left Out: 3.971 $\pm$ 1.741 χ^2 /NDF: 0.0/0

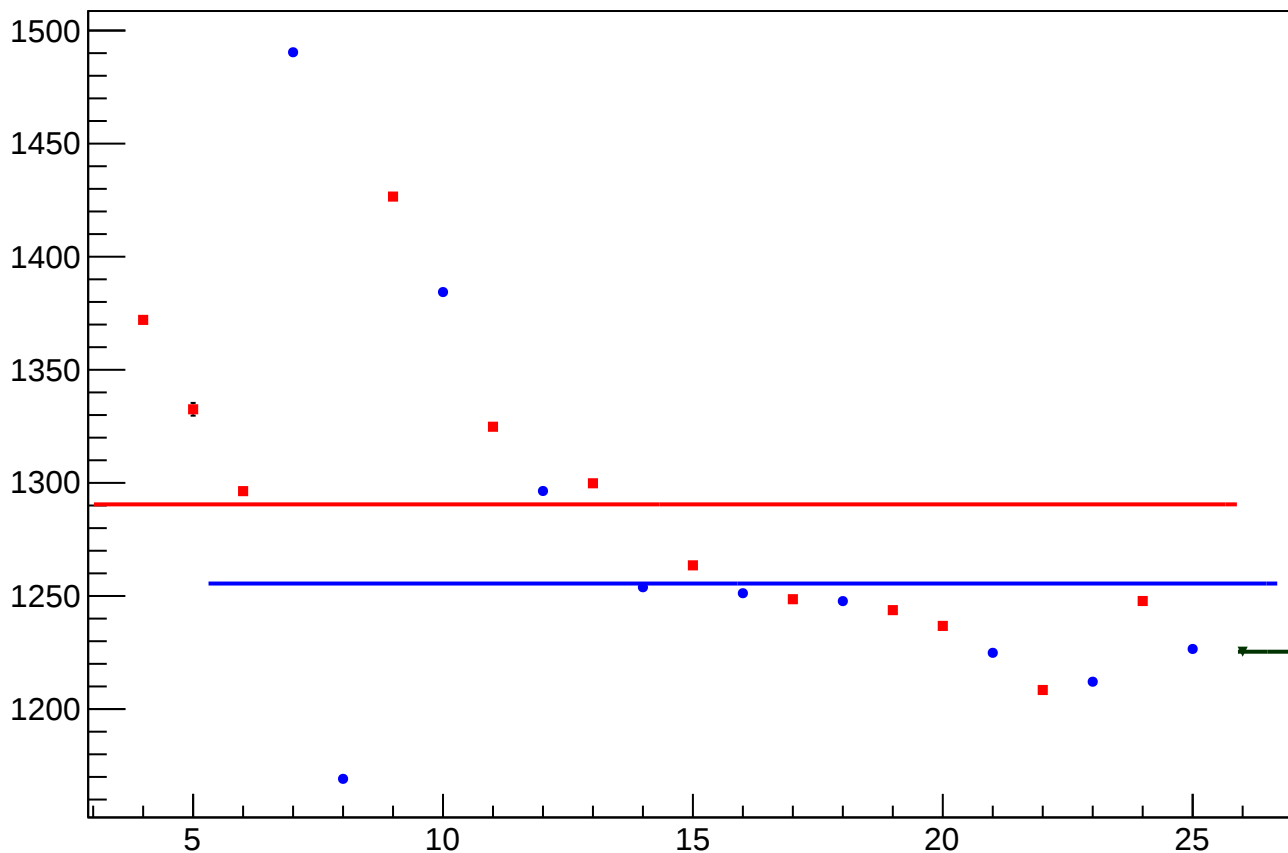
Right Out: 6.280 $\pm$ 0.510 χ^2 /NDF: 35.7/11

Left In: -3.971 $\pm$ 1.741 χ^2 /NDF: 0.0/0

9.256 $\pm$ 0.475 χ^2 /NDF: 306.2/10

6.280 $\pm$ 0.510 χ^2 /NDF: 35.7/11

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

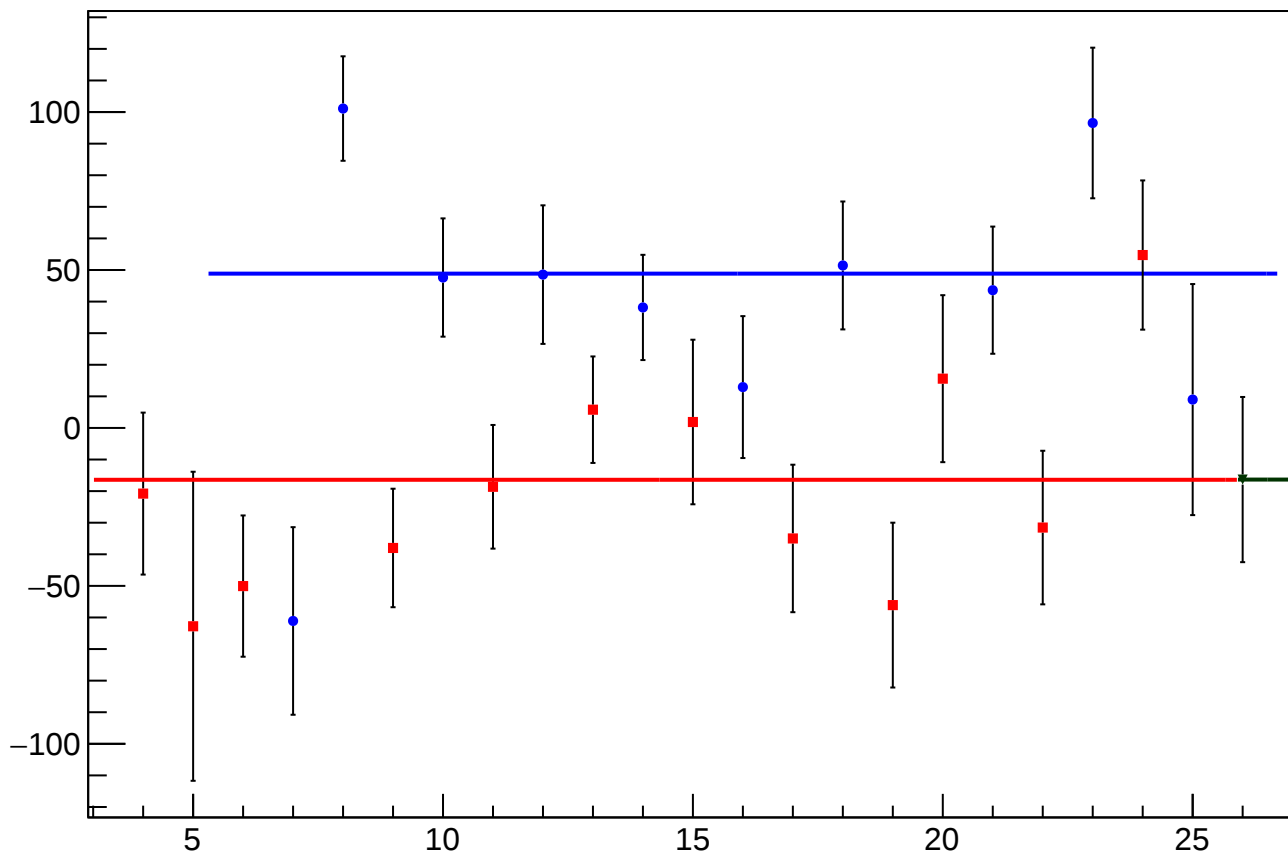
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

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

1253.259+/-0.336 χ^2/NDF : 42021.1/10

1290.505+/-0.361 χ^2/NDF : 28459.4/11

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

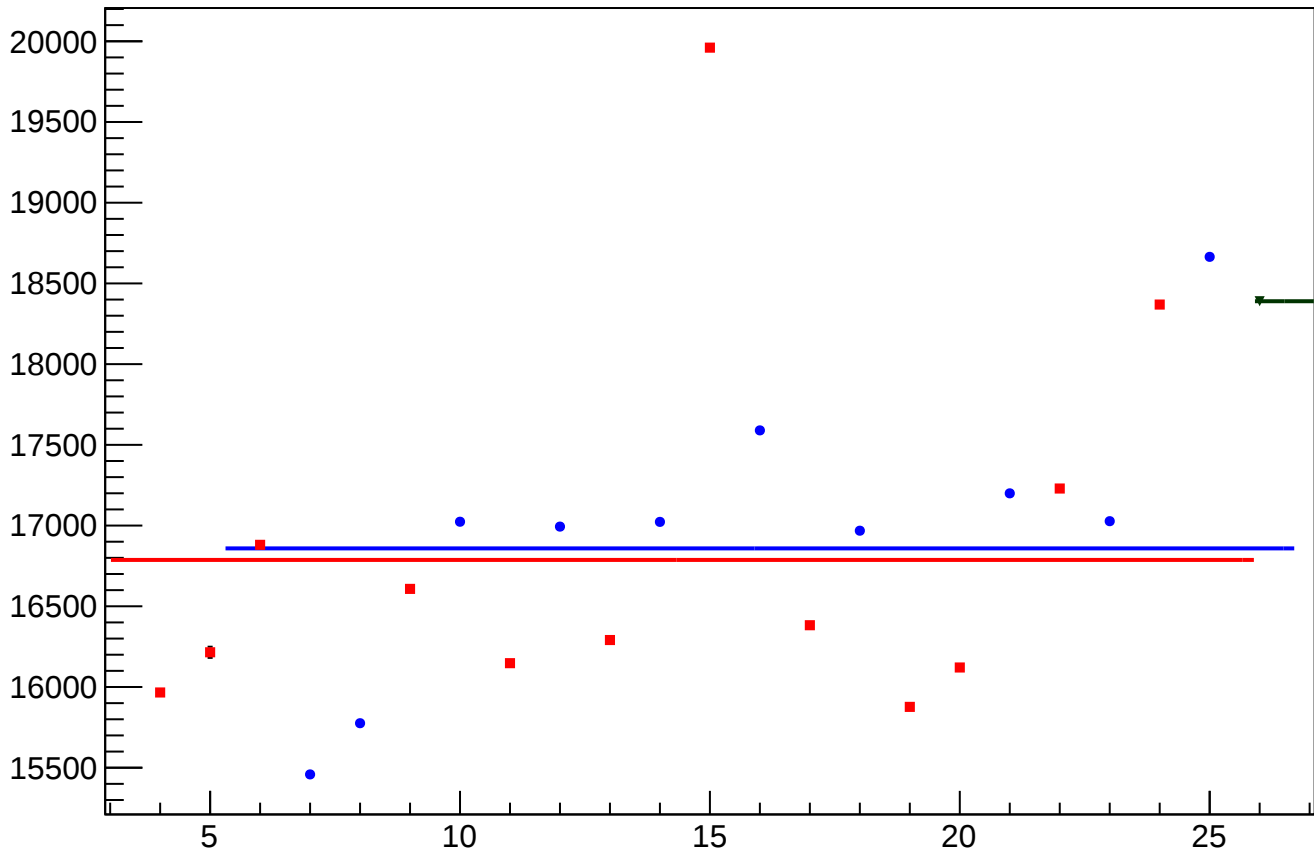
Right Out: -16.413+/-6.651 χ^2 /NDF: 20.6/11

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

44.908+/-6.430 χ^2 /NDF: 37.8/10

-16.413+/-6.651 χ^2 /NDF: 20.6/11

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

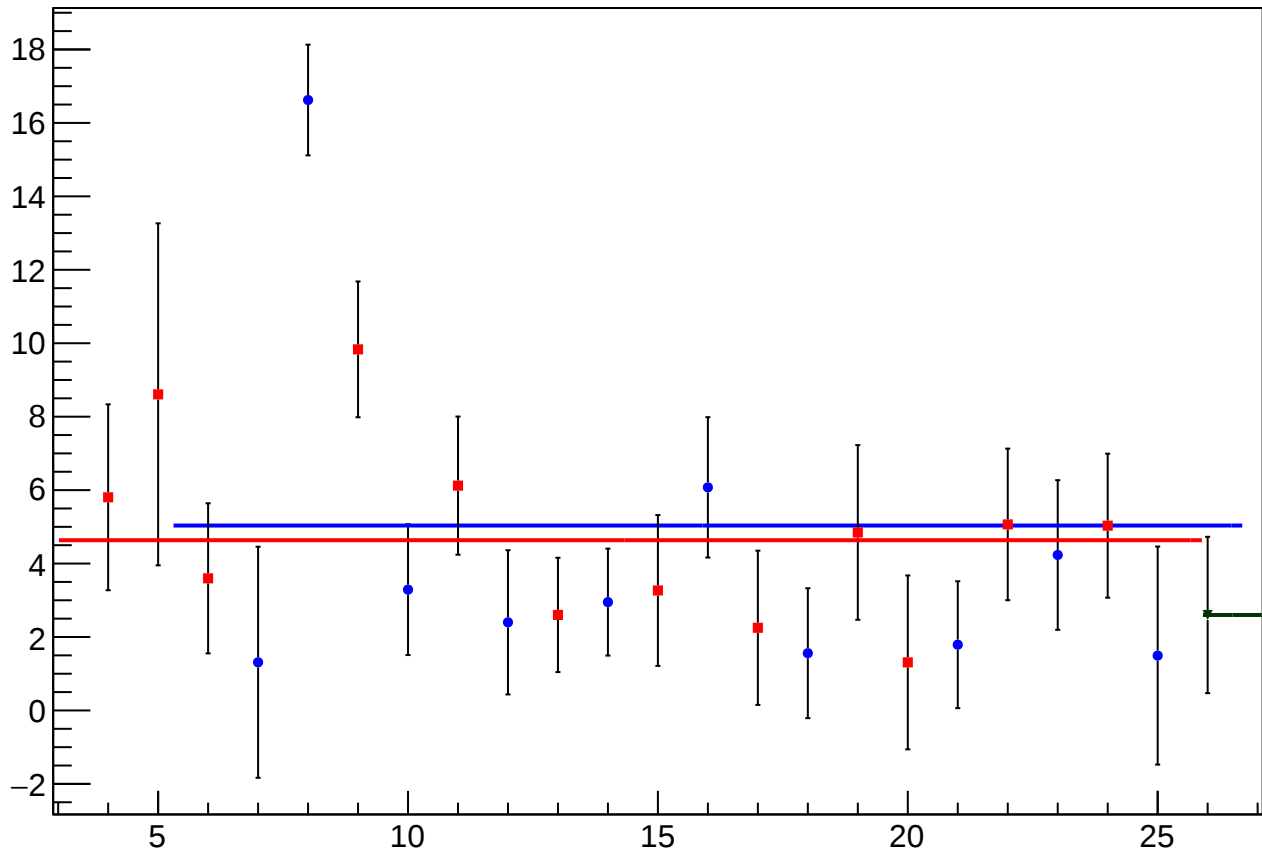
16951.192+/-4.547 χ^2/NDF : 27618.4/10

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

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

Left In: 18389.651+/-18.490 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

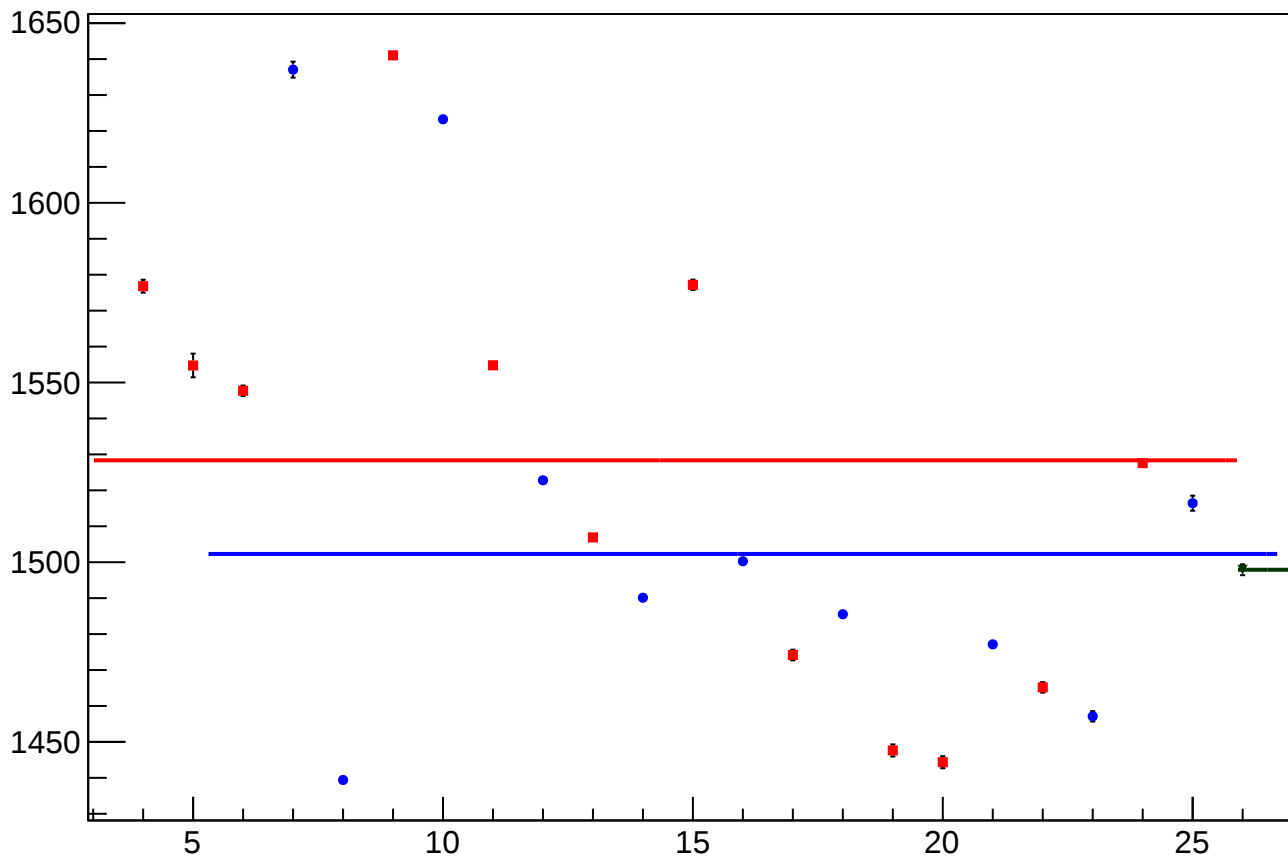
Right Out: 4.636+/-0.604 χ^2/NDF : 15.2/11

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

4.862+/-0.569 χ^2/NDF : 75.8/10

4.636+/-0.604 χ^2/NDF : 15.2/11

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

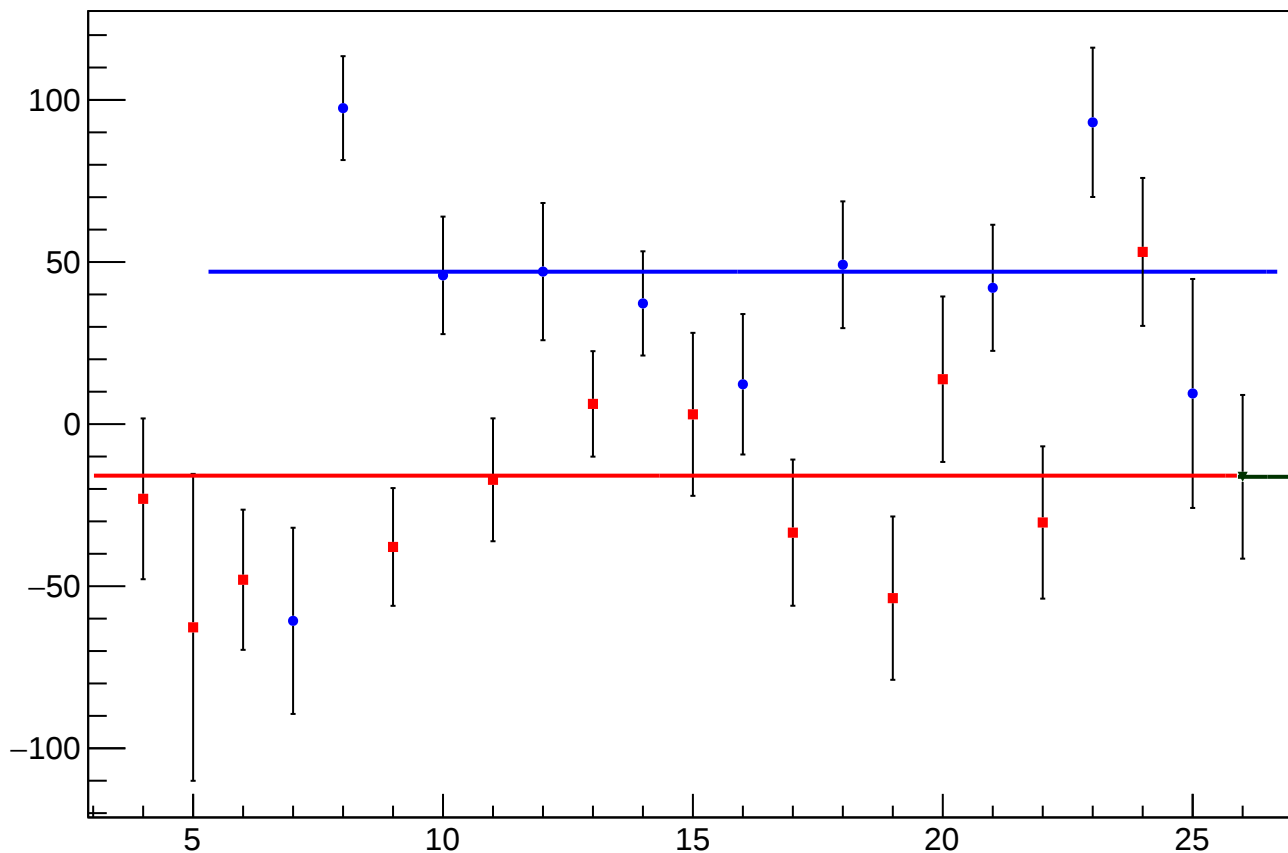
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1497.900+/-1.505 χ^2/NDF : 0.0/0

1501.989+/-0.402 χ^2/NDF : 18380.7/10

1528.347+/-0.427 χ^2/NDF : 18336.6/11

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

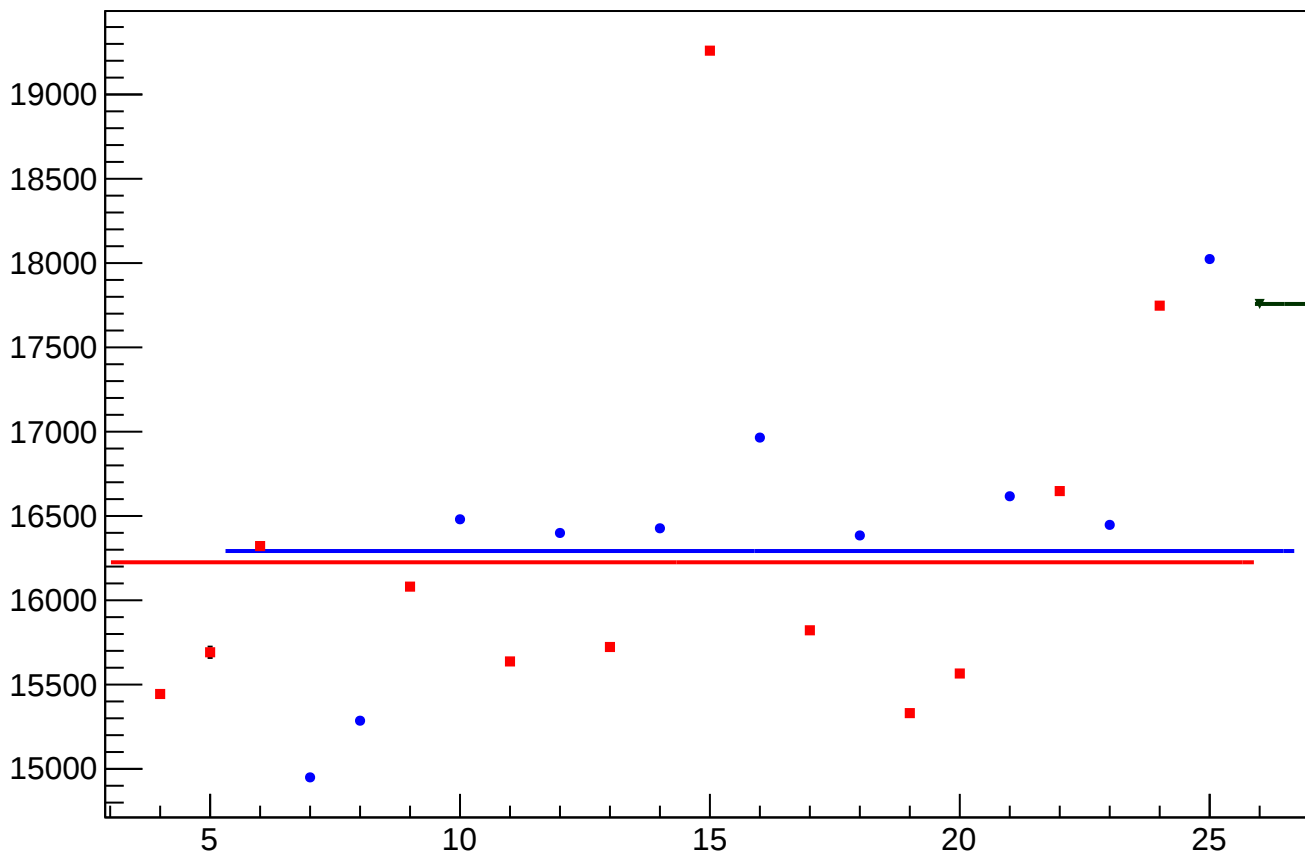
Right Out: -15.898+/-6.429 χ^2/NDF : 20.9/11

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

43.184+/-6.214 χ^2/NDF : 38.0/10

-15.898+/-6.429 χ^2/NDF : 20.9/11

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

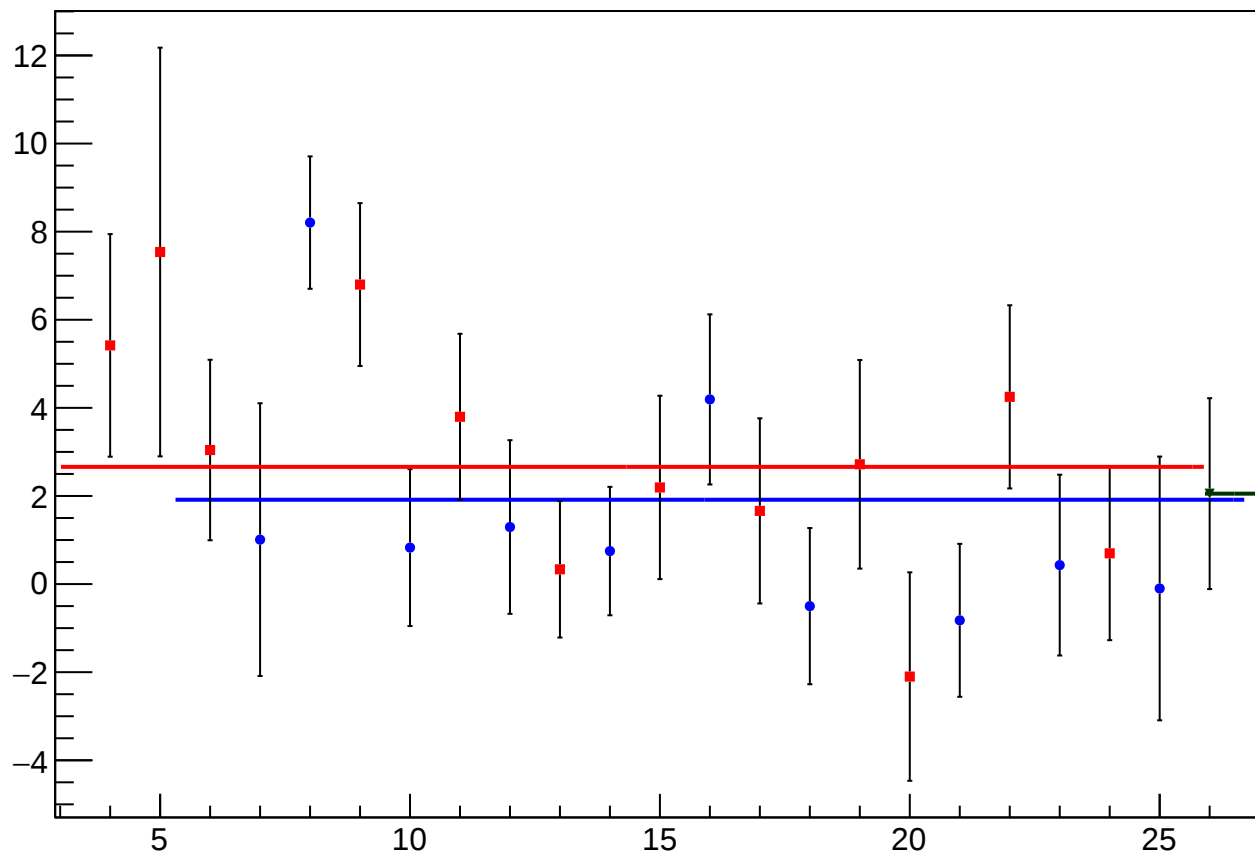
16380.929+/-4.394 χ^2/NDF : 26427.6/10

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

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

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

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

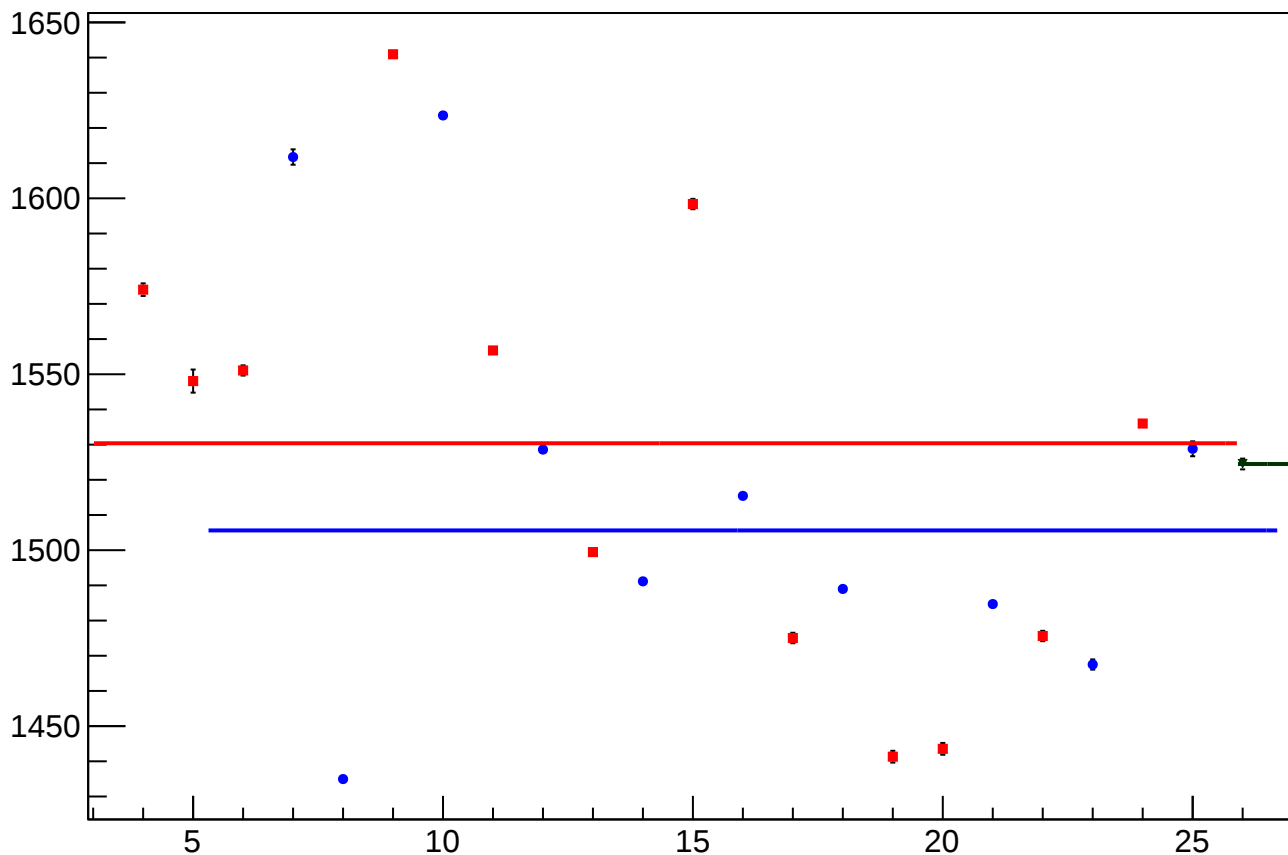
Right Out: 2.661 $\pm$ 0.605 χ^2 /NDF: 15.9/11

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

1.924 $\pm$ 0.571 χ^2 /NDF: 25.4/10

2.661 $\pm$ 0.605 χ^2 /NDF: 15.9/11

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

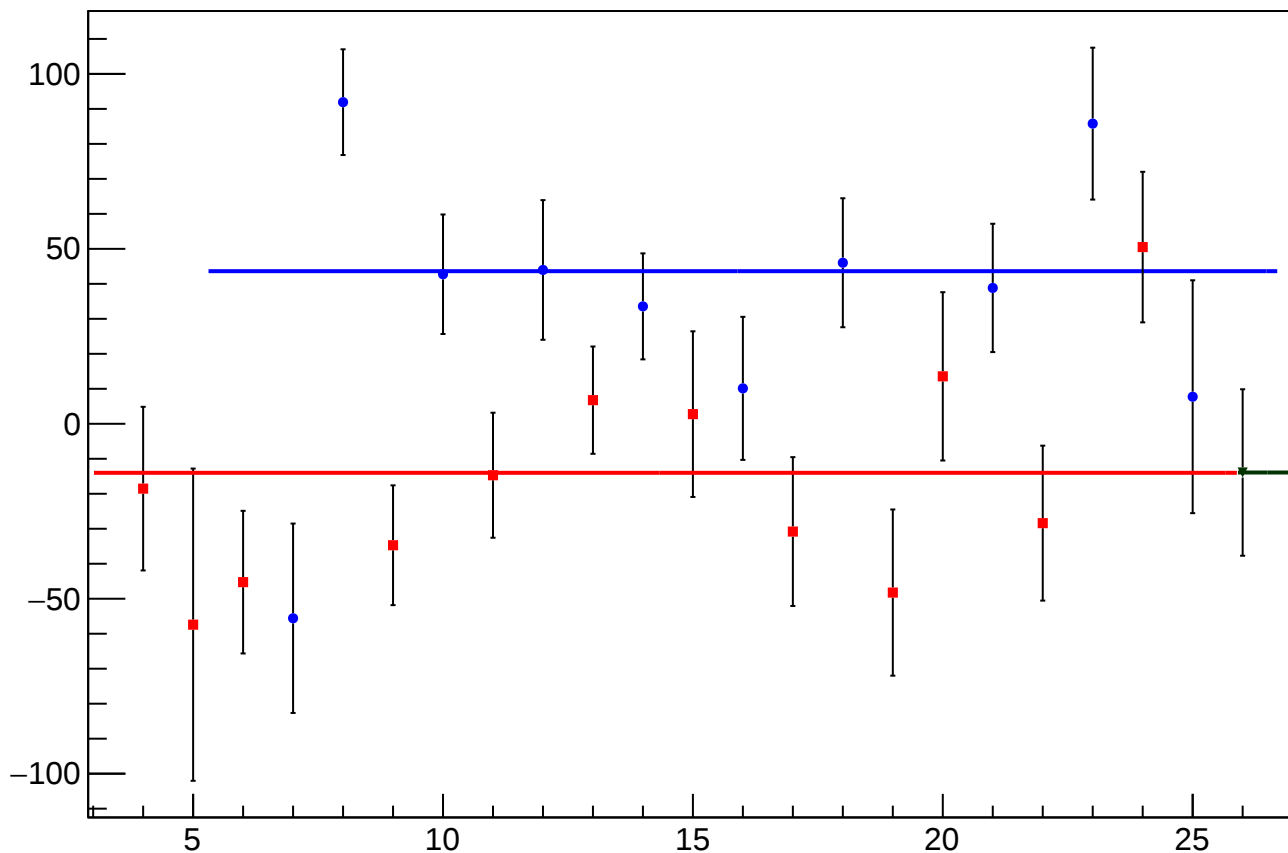
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

Left In: 1524.498+/-1.532 χ^2/NDF : 0.0/0

1506.926+/-0.404 χ^2/NDF : 17481.5/10

1530.389+/-0.428 χ^2/NDF : 19618.0/11

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

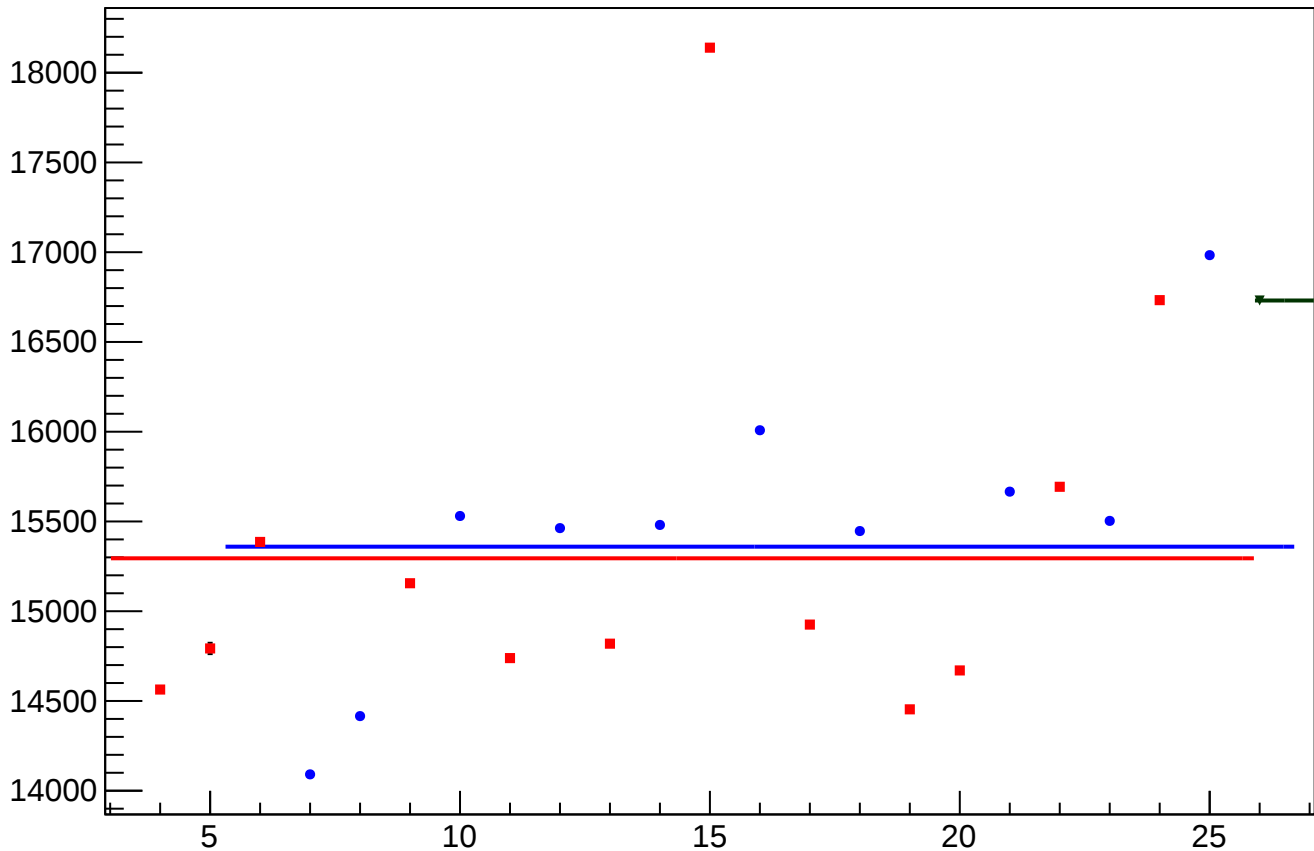
Right Out: -14.010 $\pm$ 6.060 χ^2 /NDF: 20.6/11

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

40.132 $\pm$ 5.858 χ^2 /NDF: 37.3/10

-14.010 $\pm$ 6.060 χ^2 /NDF: 20.6/11

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

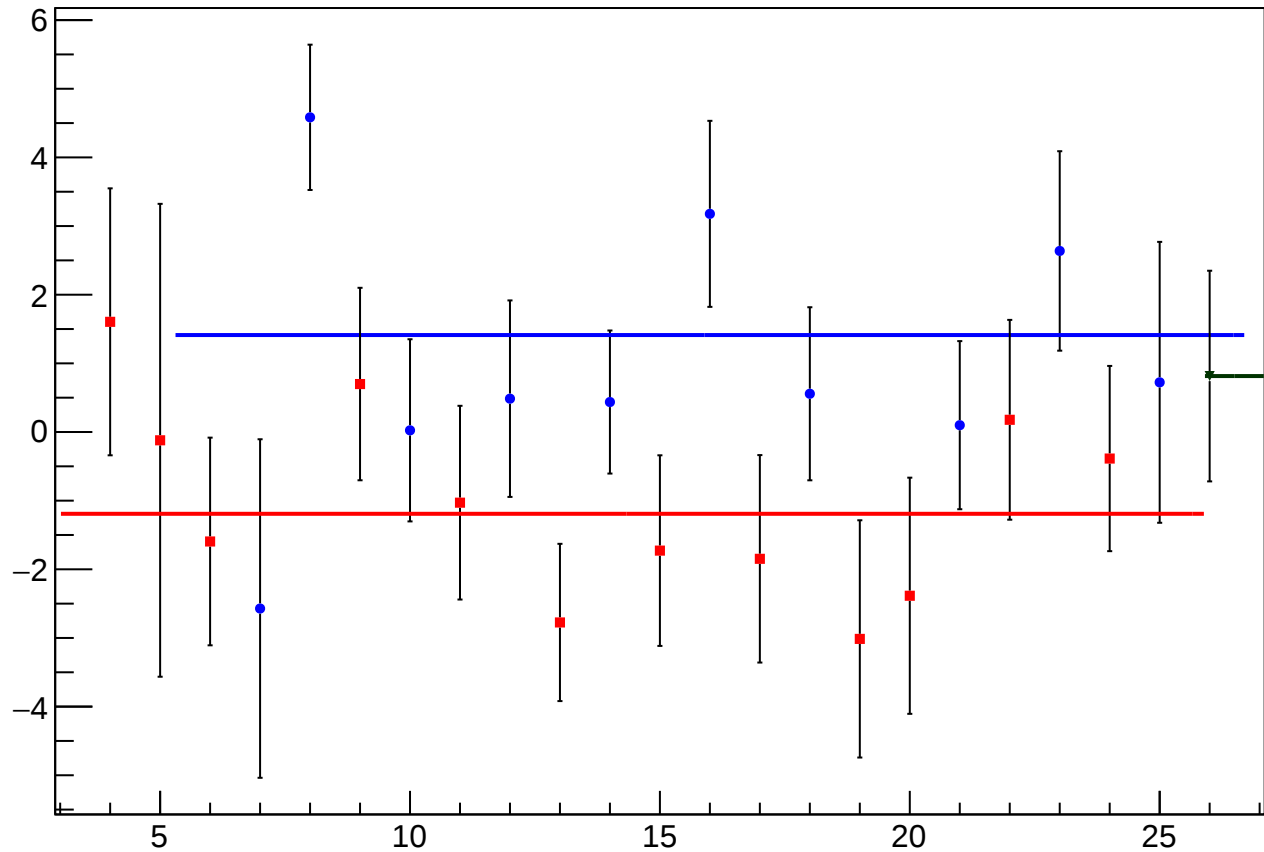
15442.699+/-4.142 χ^2/NDF : 26287.9/10

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

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

Left In: 16730.982+/-16.823 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

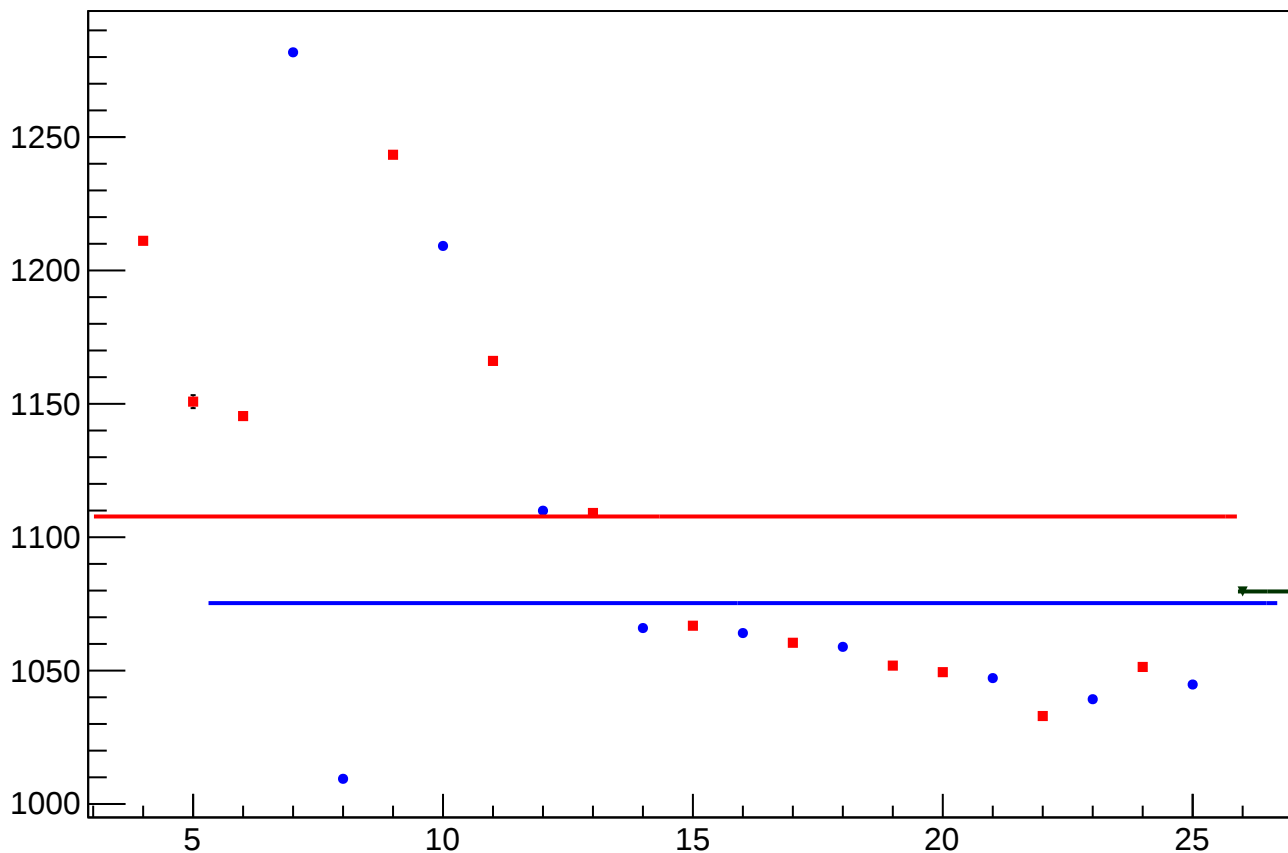
Right Out: -1.191 ± 0.438 χ^2/NDF : 9.1/11

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

1.370 ± 0.408 χ^2/NDF : 18.3/10

-1.191 ± 0.438 χ^2/NDF : 9.1/11

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

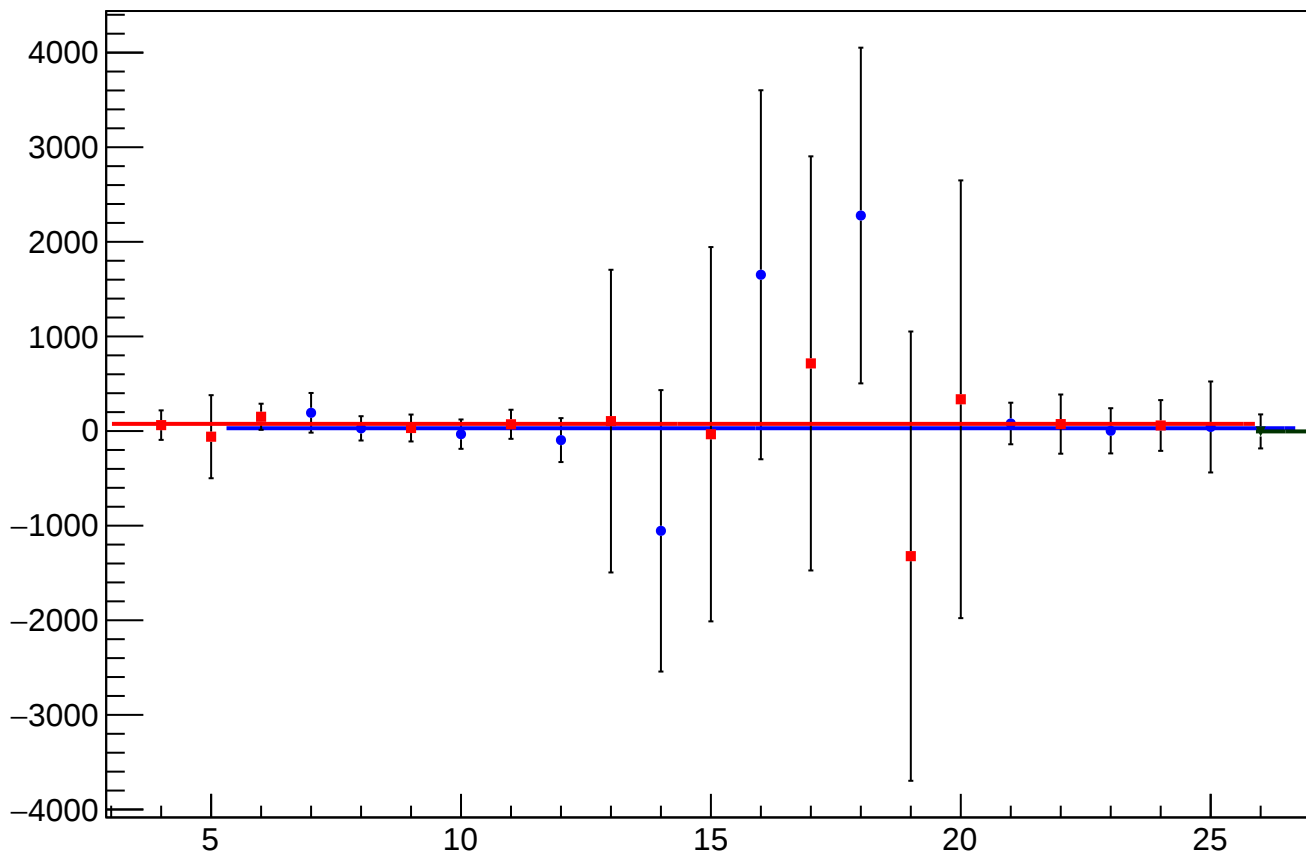
Right Out: 1107.774+/-0.310 χ^2/NDF : 46212.9/11

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

1075.610+/-0.288 χ^2/NDF : 46692.4/10

1107.774+/-0.310 χ^2/NDF : 46212.9/11

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

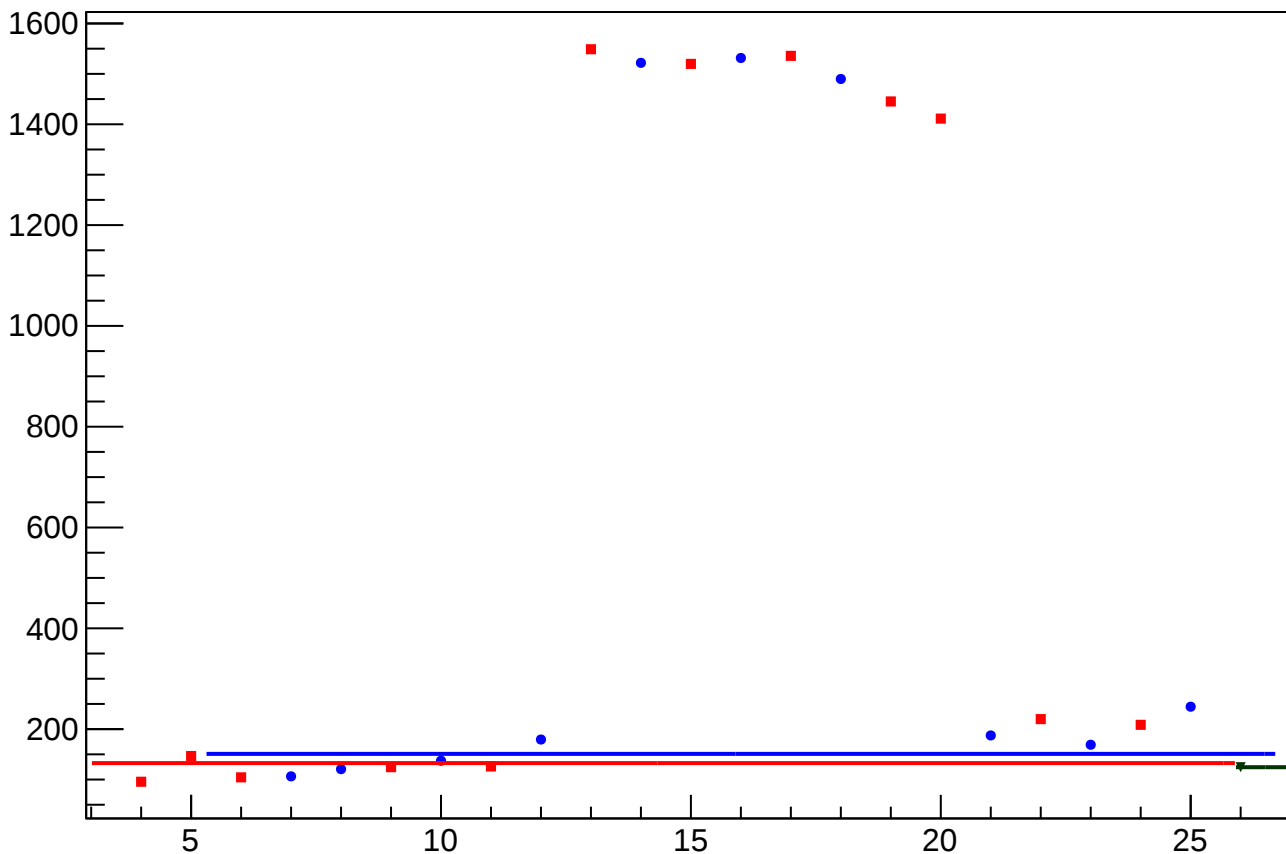
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: 3.800+/-179.886 χ^2/NDF : 0.0/0

24.900+/-67.743 χ^2/NDF : 4.0/10

75.901+/-68.054 χ^2/NDF : 0.9/11

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

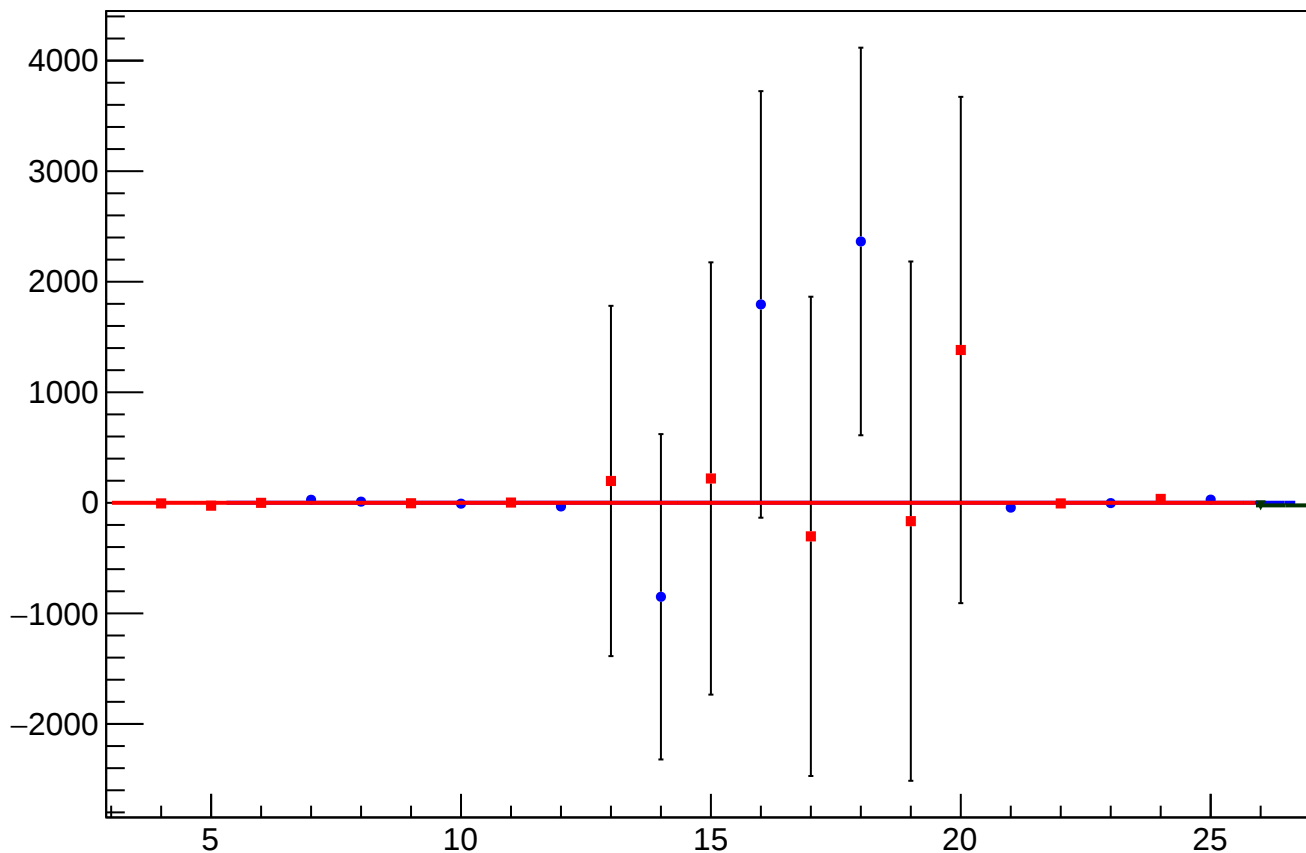
147.172+/-0.048 χ^2/NDF : 4267201.7/10

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

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

Left In: 124.457+/-0.127 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

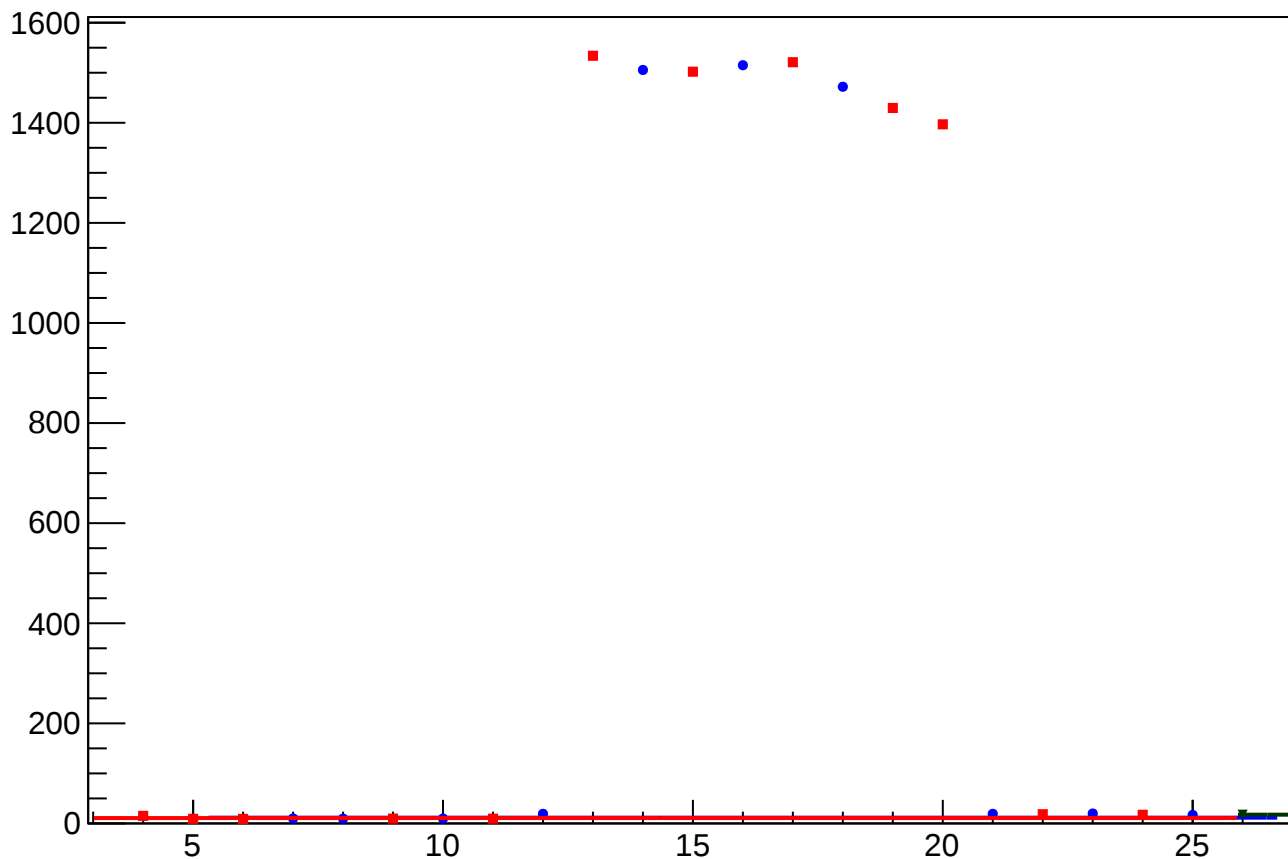
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 23.048+/-25.601 χ^2/NDF : 0.0/0

-0.374+/-6.024 χ^2/NDF : 12.6/10

0.325+/-5.882 χ^2/NDF : 4.0/11

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

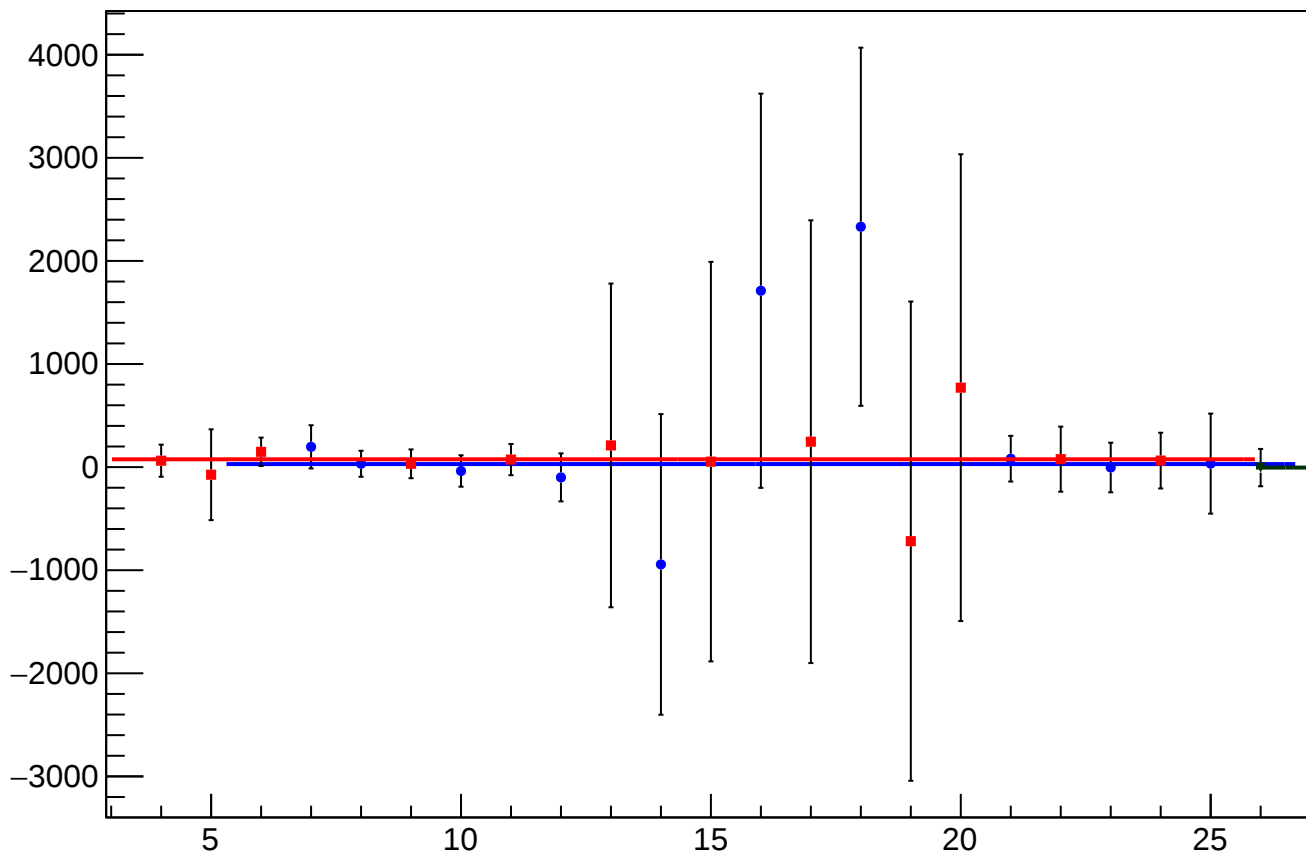
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 17.533+/-0.018 χ^2/NDF : 0.0/0

11.886+/-0.004 χ^2/NDF : 5471122.9/10

10.792+/-0.004 χ^2/NDF : 5922898.5/11

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

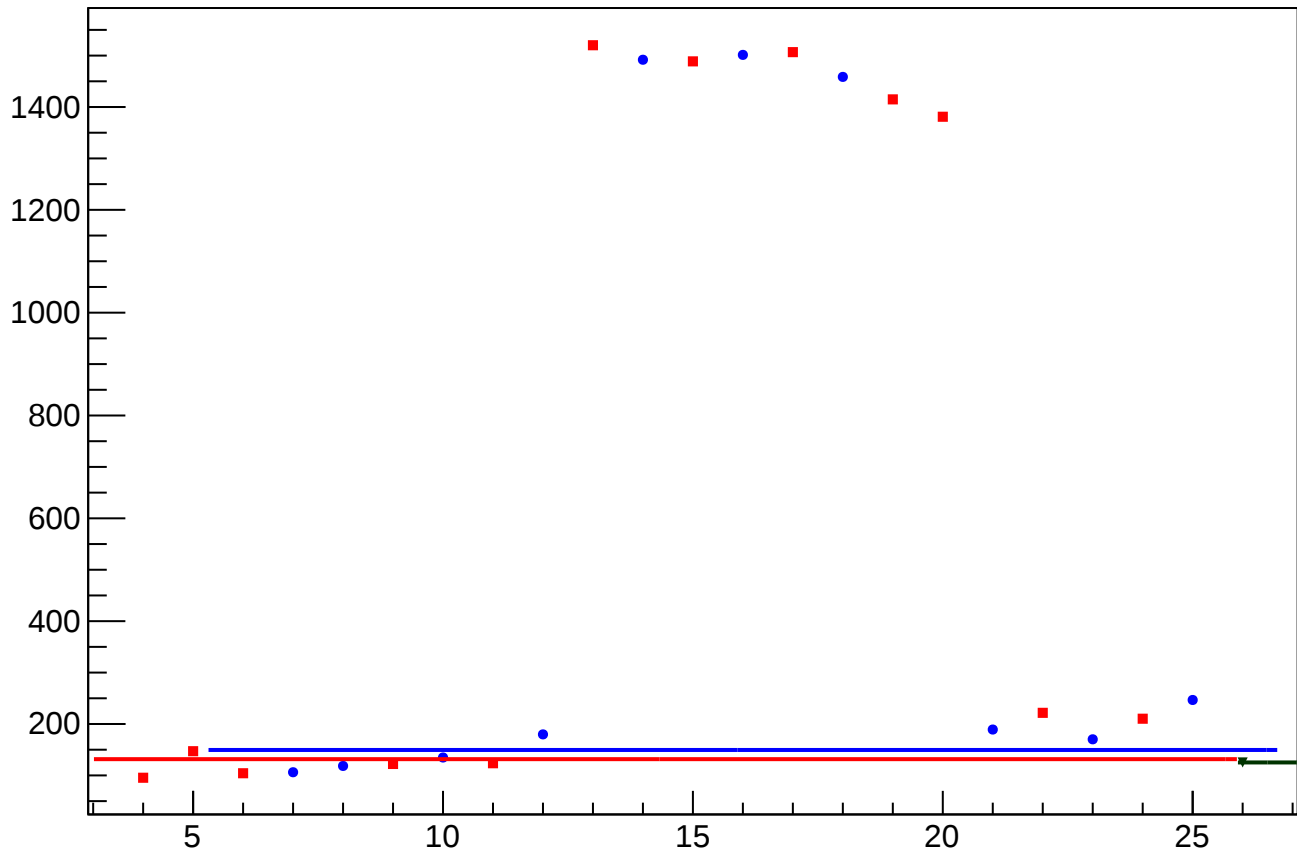
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: 4.541+/-180.981 χ^2/NDF : 0.0/0

24.777+/-67.313 χ^2/NDF : 4.2/10

76.035+/-67.528 χ^2/NDF : 0.7/11

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

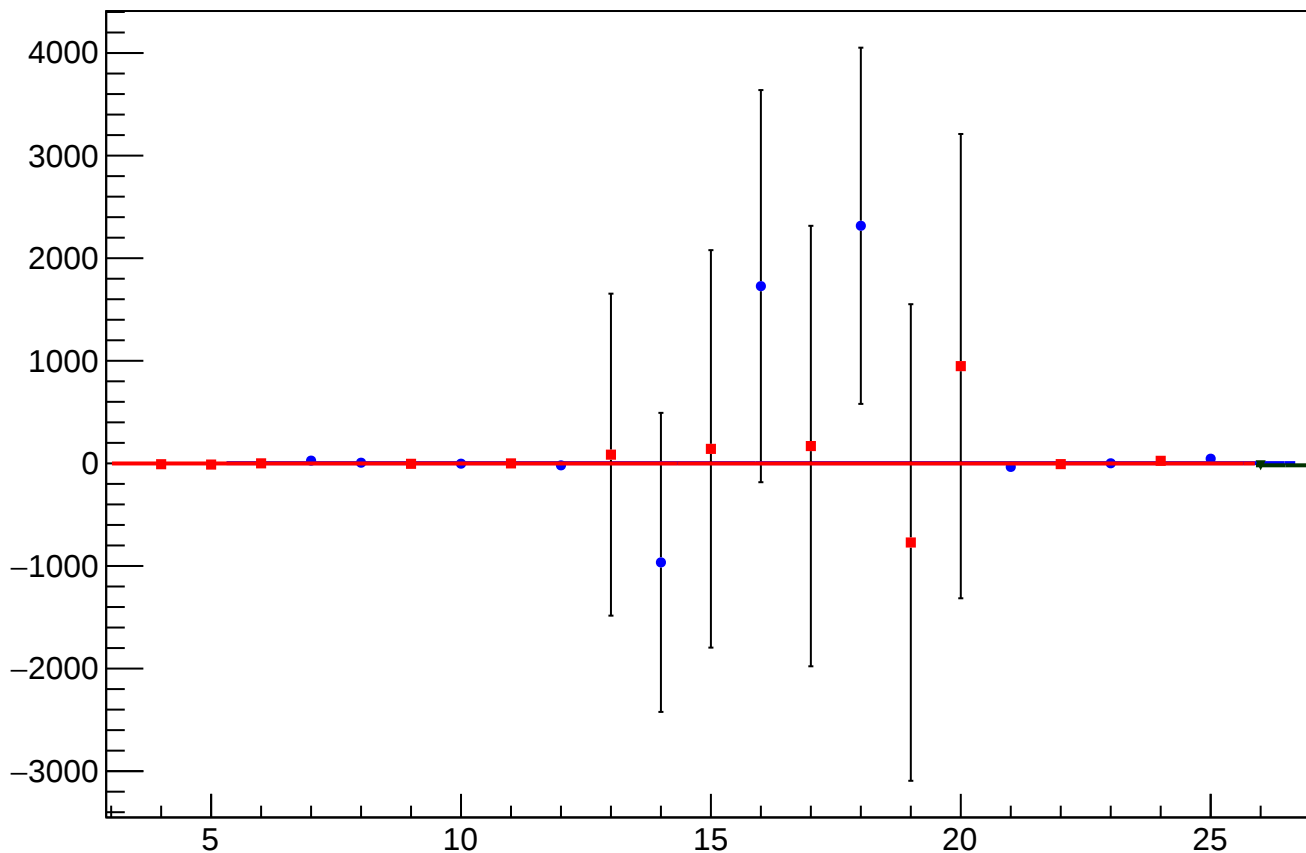
Right Out: 131.616+/-0.048 χ^2/NDF : 5120657.7/11

Left In: 125.214+/-0.128 χ^2/NDF : 0.0/0

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

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

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

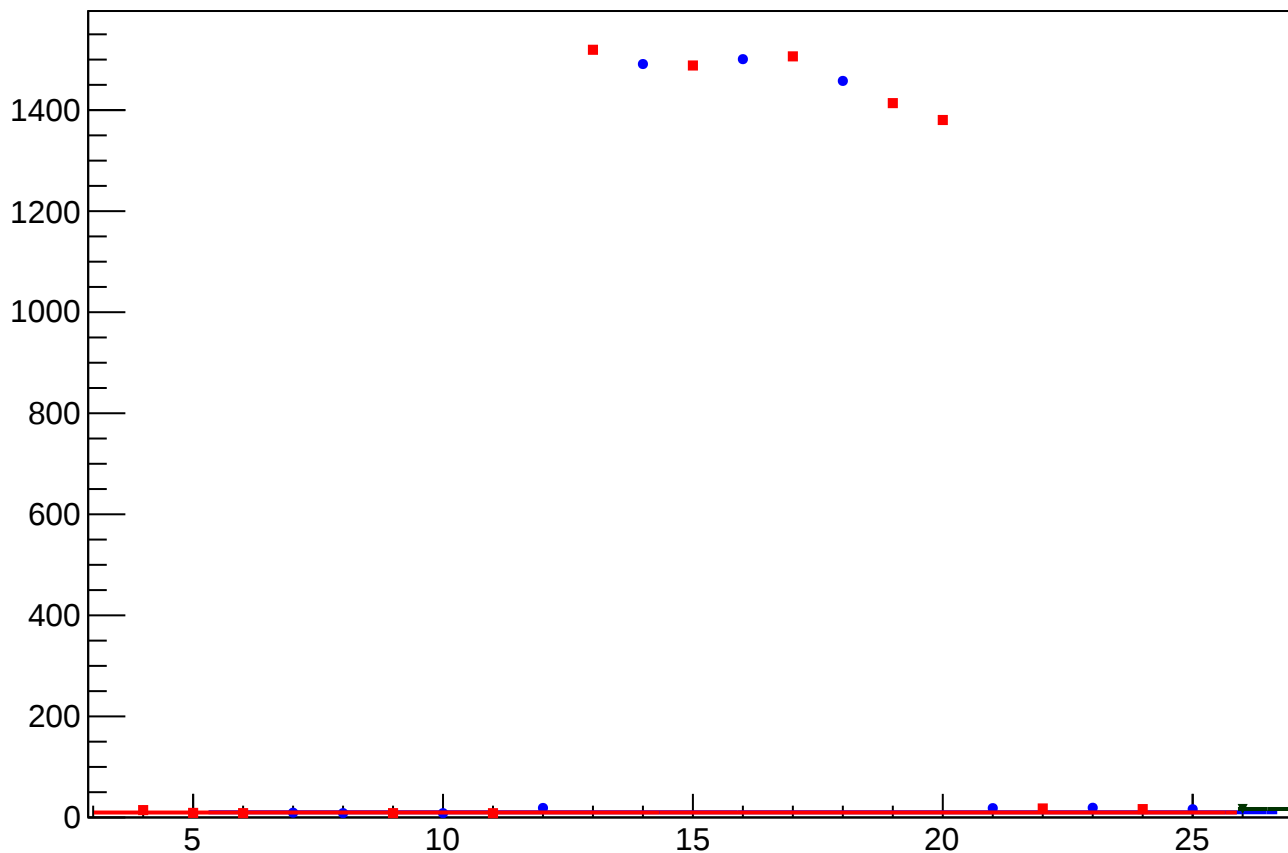
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 18.719+/-24.498 χ^2/NDF : 0.0/0

1.552+/-5.457 χ^2/NDF : 10.8/10

-0.797+/-5.364 χ^2/NDF : 2.2/11

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

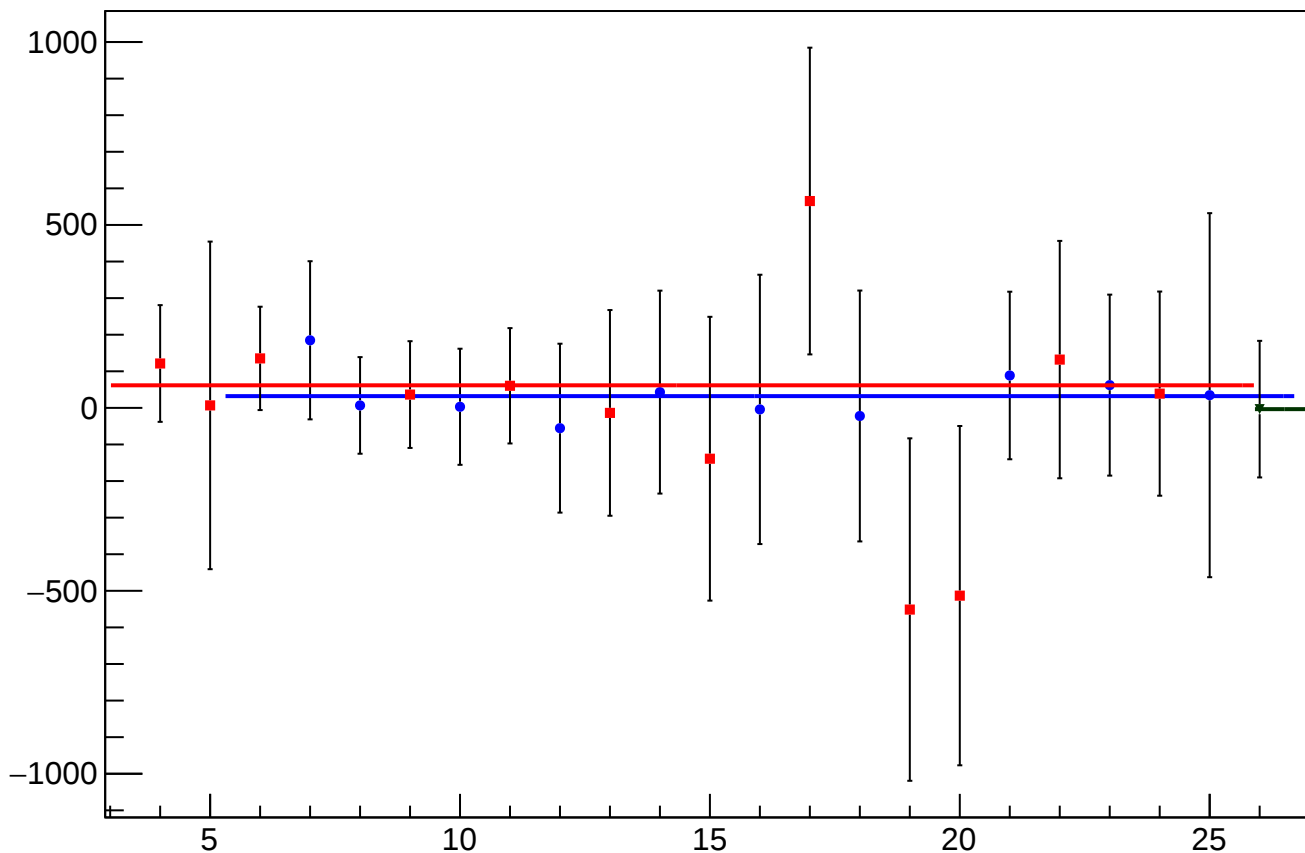
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

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

10.618+/-0.004 χ^2/NDF : 5647413.4/10

9.764+/-0.004 χ^2/NDF : 6008777.0/11

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

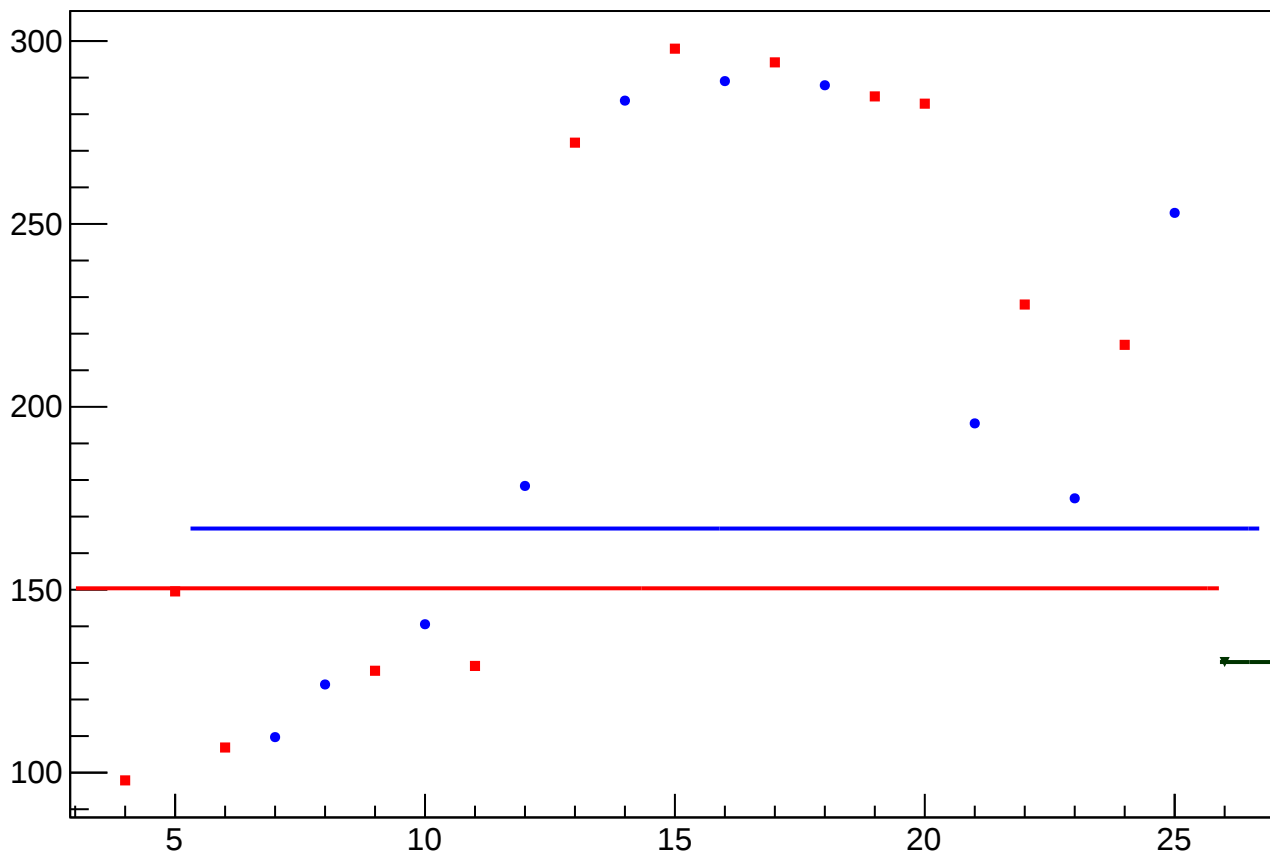
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: 3.434+/-186.672 χ^2/NDF : 0.0/0

27.787+/-65.330 χ^2/NDF : 0.9/10

61.700+/-64.794 χ^2/NDF : 5.5/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 130.238 $\pm$ 0.132 χ^2 /NDF: 0.0/0

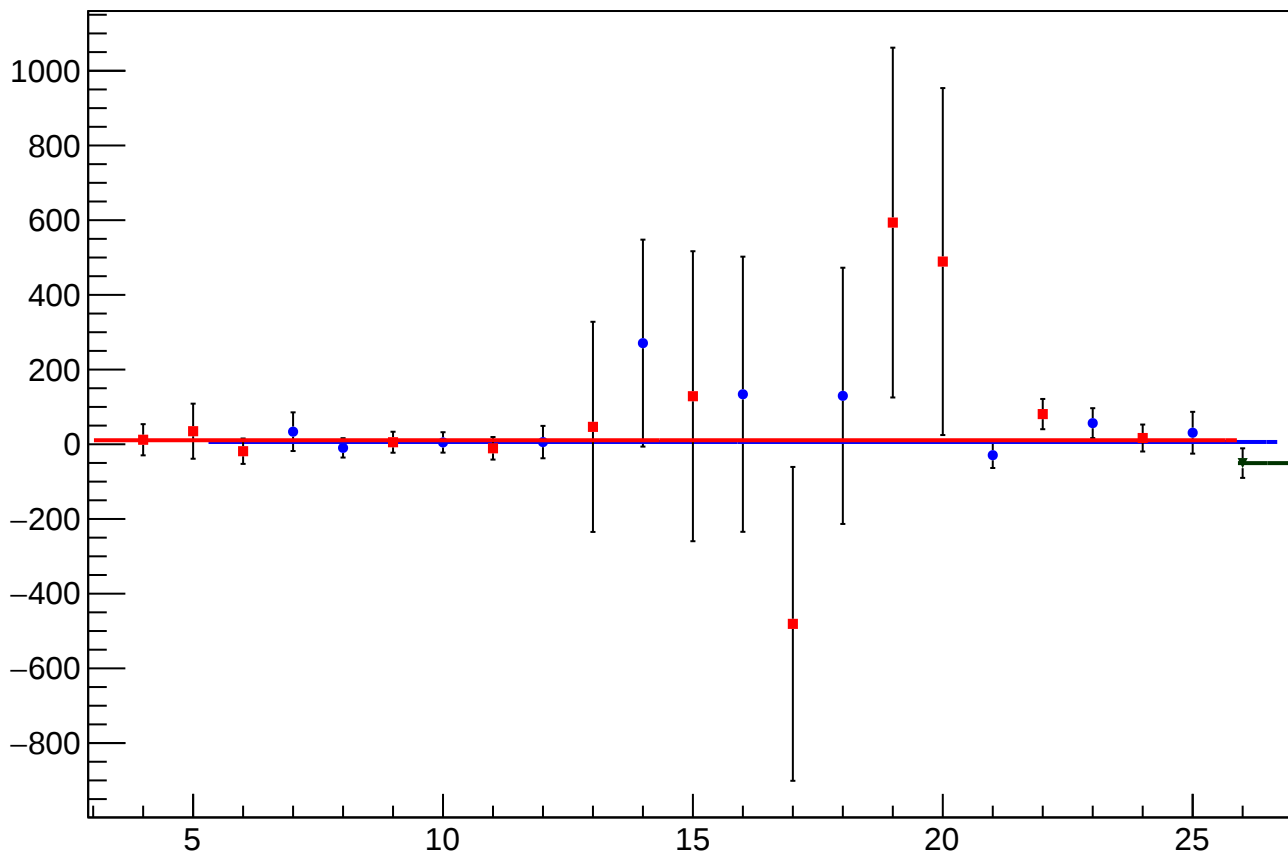
162.265 $\pm$ 0.046 χ^2 /NDF: 1394690.0/10

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

Left In: 130.238 $\pm$ 0.132 χ^2 /NDF: 0.0/0

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

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

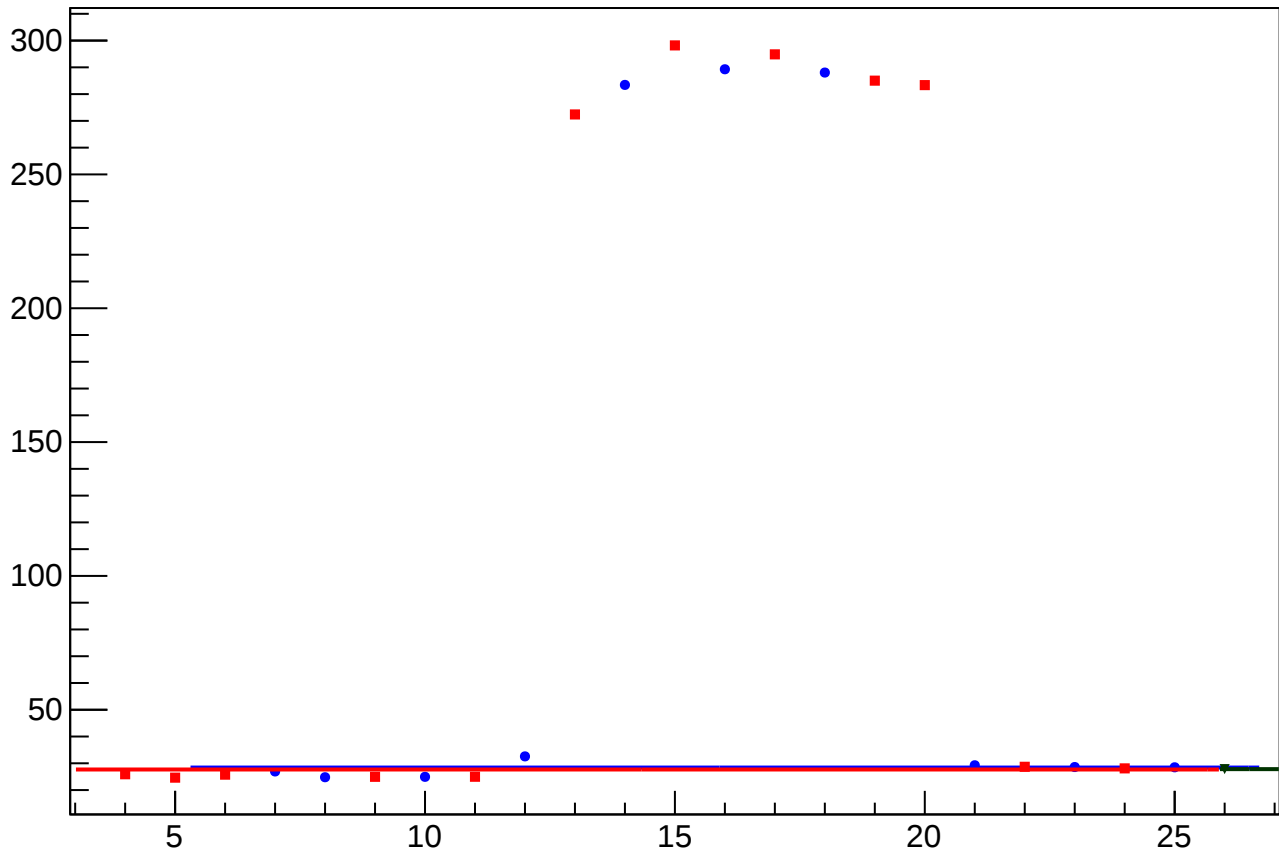
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

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

0.322 $\pm$ 12.714 χ^2 /NDF: 6.5/10

10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

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

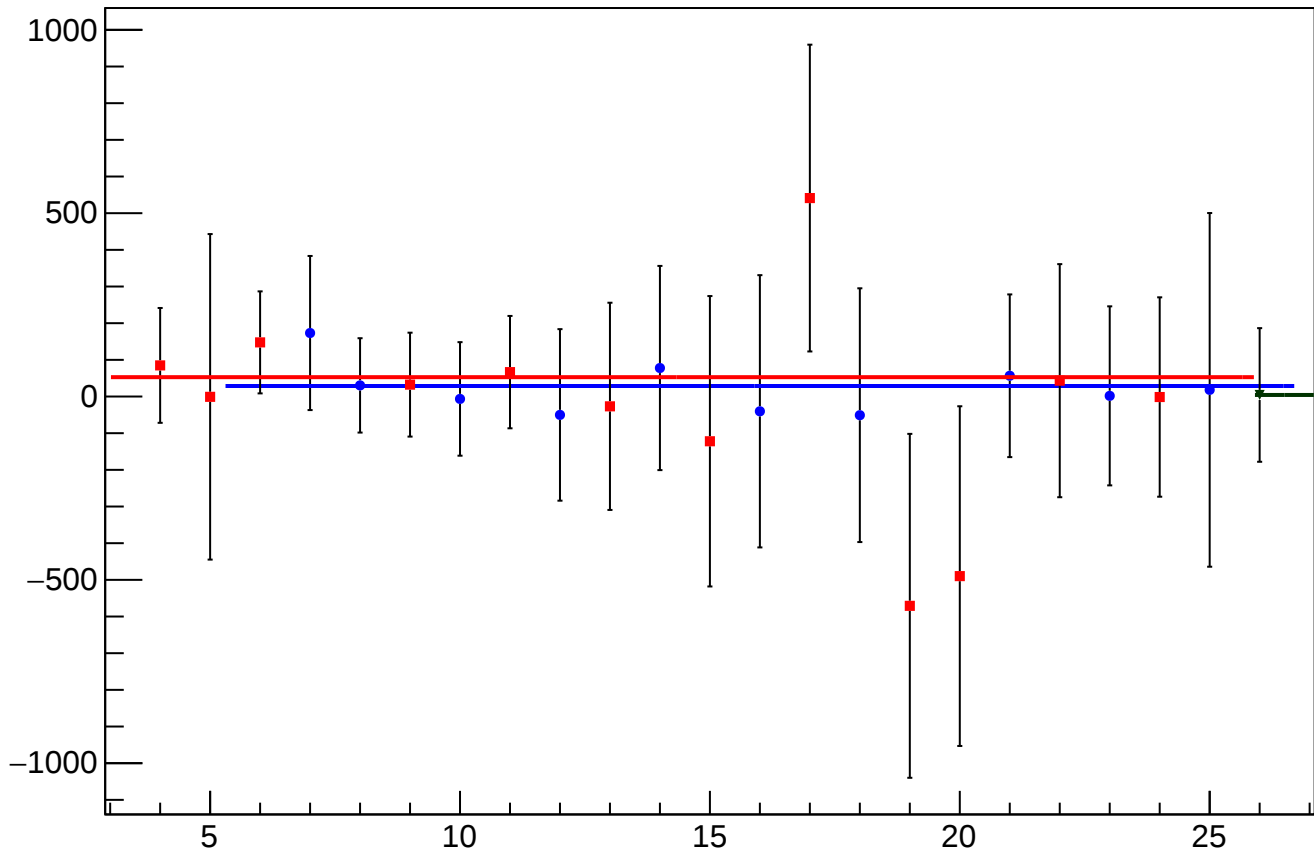
Right Out: 27.683+/-0.010 χ^2/NDF : 4553149.3/11

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

28.346+/-0.009 χ^2/NDF : 3936436.9/10

27.683+/-0.010 χ^2/NDF : 4553149.3/11

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

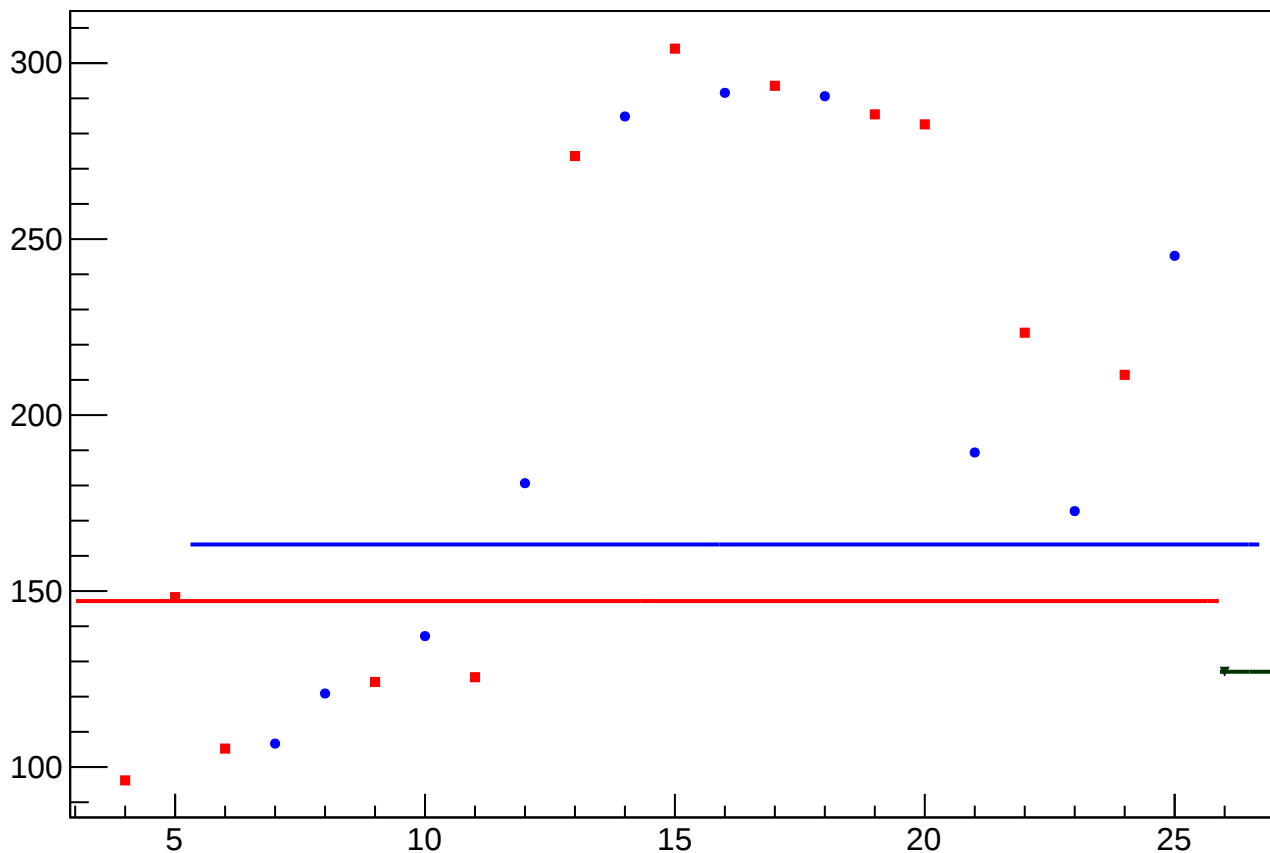
25.669+/-64.145 χ^2/NDF : 0.8/10

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

Left In: -4.257+/-182.232 χ^2/NDF : 0.0/0

52.783+/-63.607 χ^2/NDF : 5.4/11

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

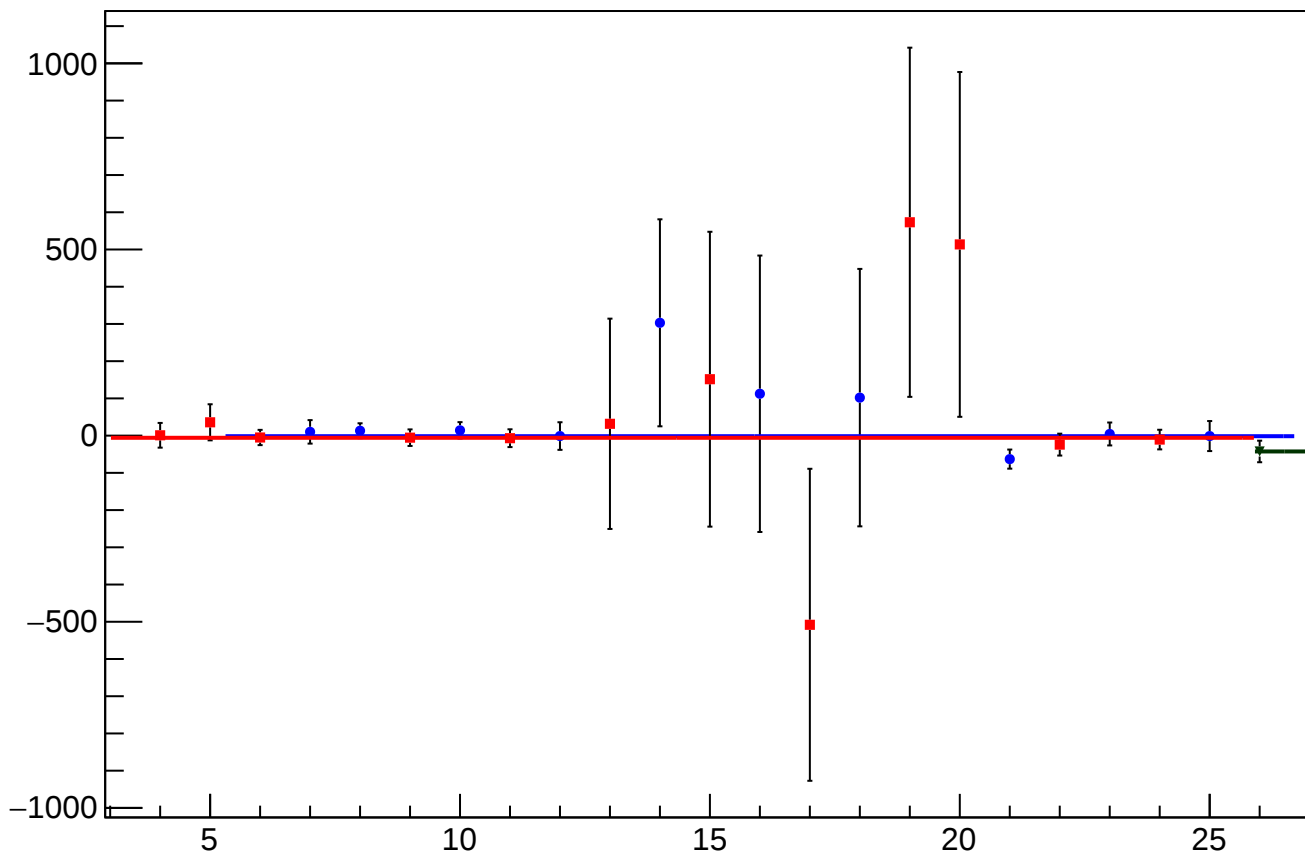
Right Out: 147.160+/-0.045 χ^2/NDF : 2017224.8/11

Left In: 127.077+/-0.129 χ^2/NDF : 0.0/0

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

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -42.519+/-28.964 χ^2/NDF : 0.0/0

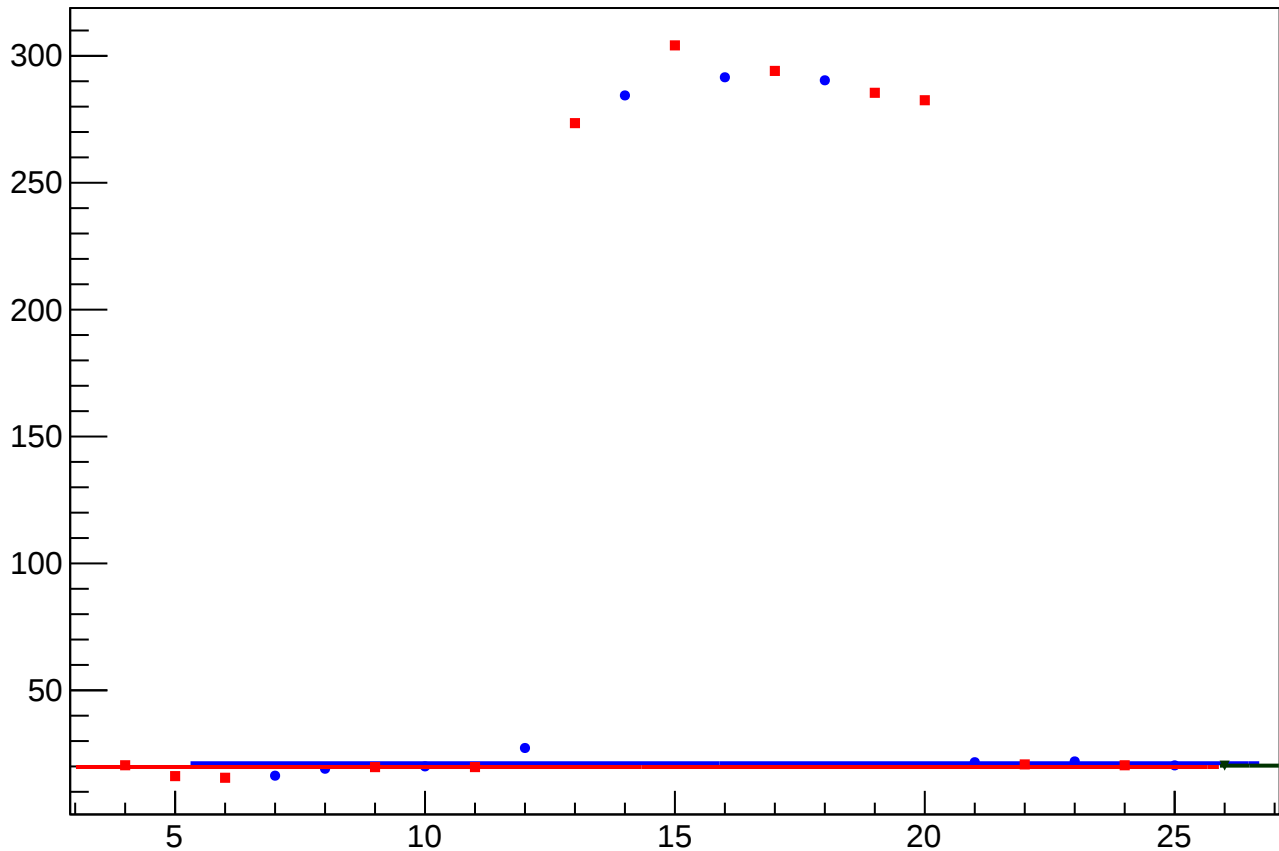
Right Out: -5.806+/-9.942 χ^2/NDF : 5.6/11

Left In: 42.519+/-28.964 χ^2/NDF : 0.0/0

-6.081+/-9.662 χ^2/NDF : 10.2/10

-5.806+/-9.942 χ^2/NDF : 5.6/11

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

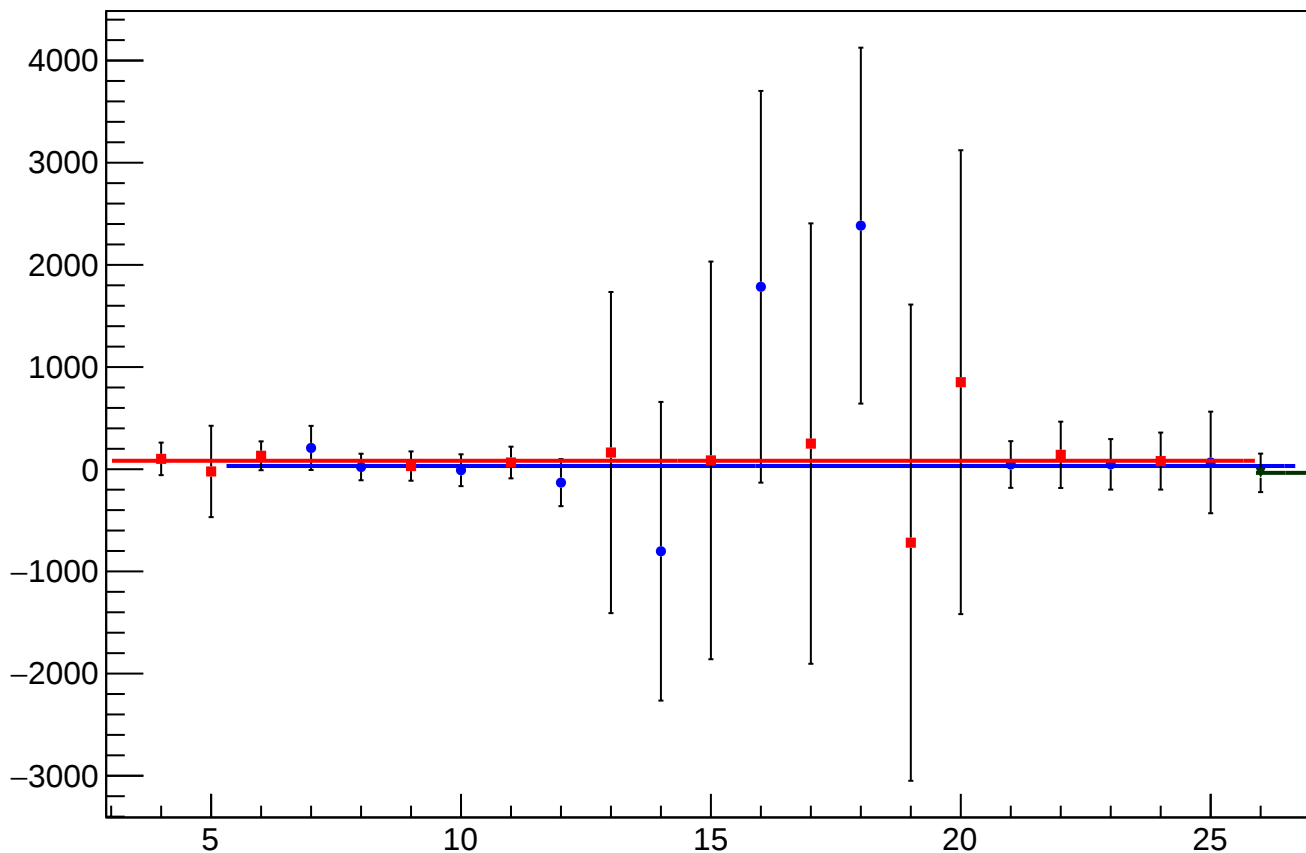
21.151+/-0.007 χ^2/NDF : 4198549.9/10

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

19.779+/-0.007 χ^2/NDF : 4888350.3/11

Left In: 20.317+/-0.020 χ^2/NDF : 0.0/0

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

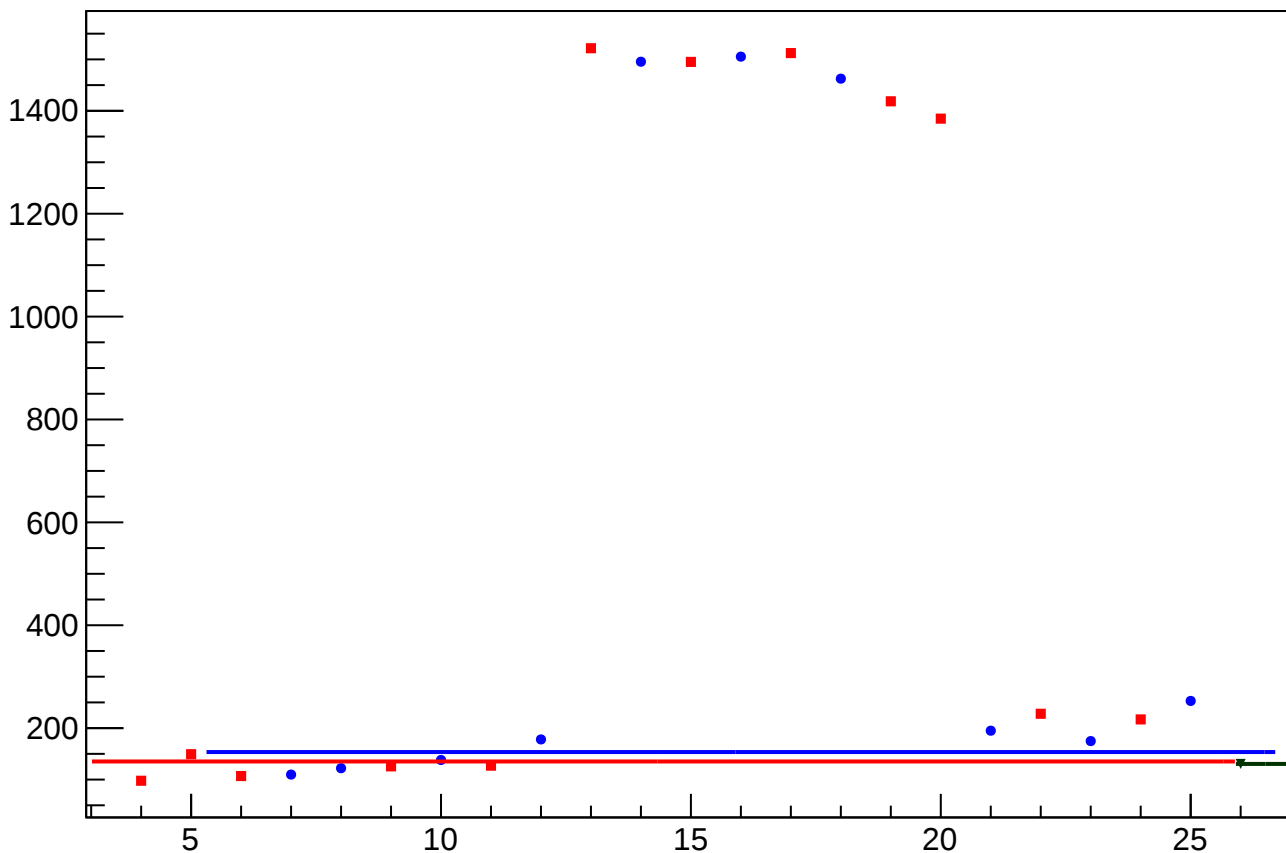
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: 35.514+/-188.358 χ^2/NDF : 0.0/0

22.557+/-69.086 χ^2/NDF : 4.4/10

82.898+/-69.271 χ^2/NDF : 0.6/11

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

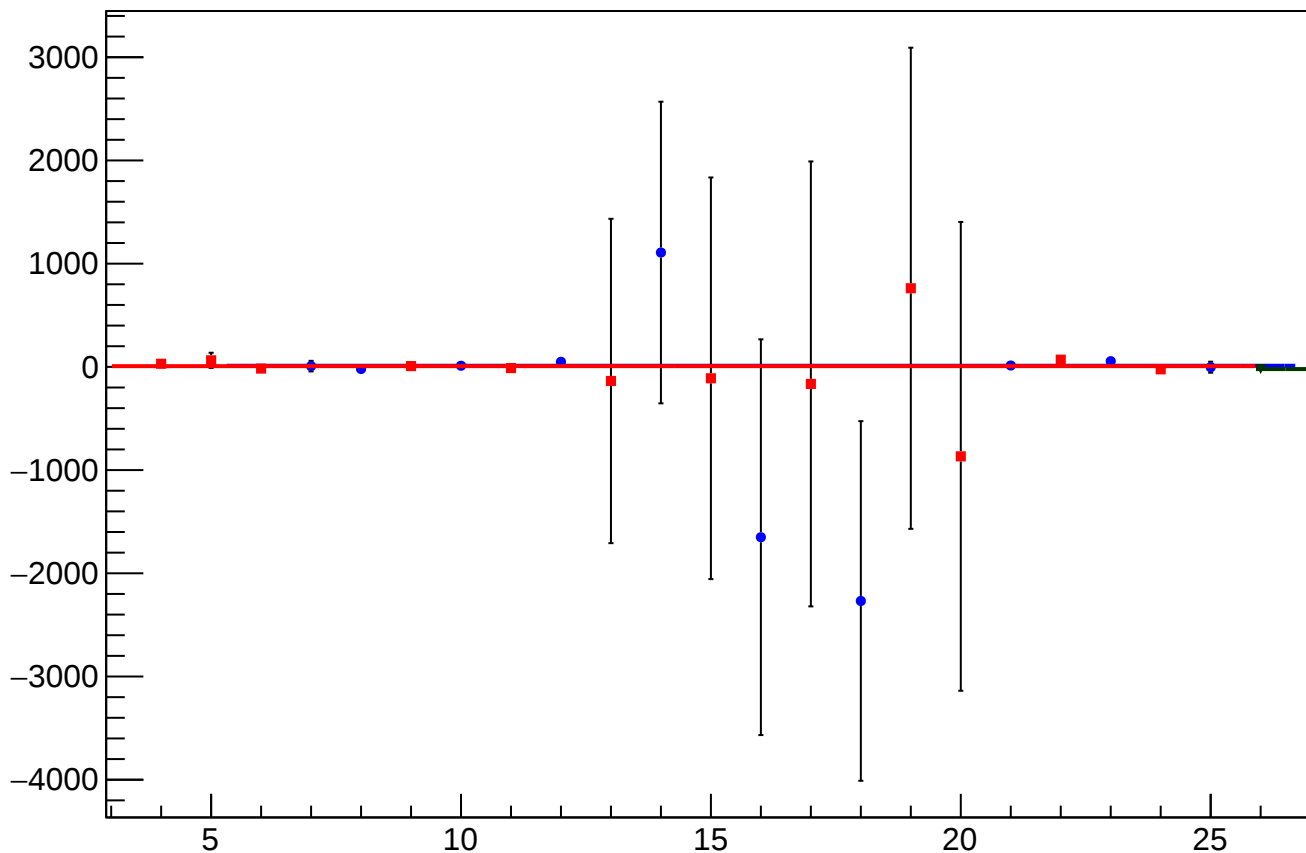
150.413+/-0.049 χ^2/NDF : 4238412.6/10

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

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

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

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

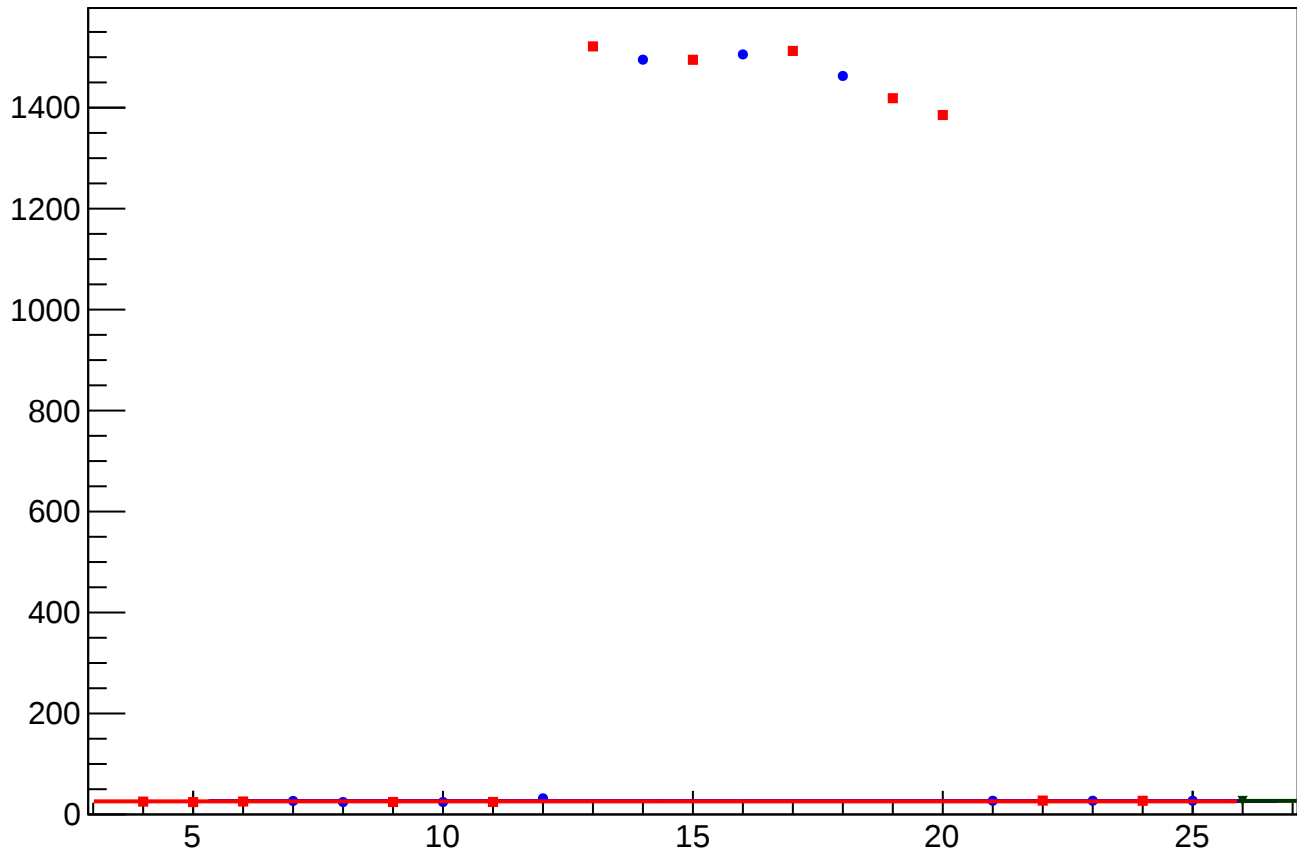
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: 21.329+/-38.479 χ^2/NDF : 0.0/0

7.457+/-12.367 χ^2/NDF : 7.4/10

6.946+/-13.410 χ^2/NDF : 5.5/11

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

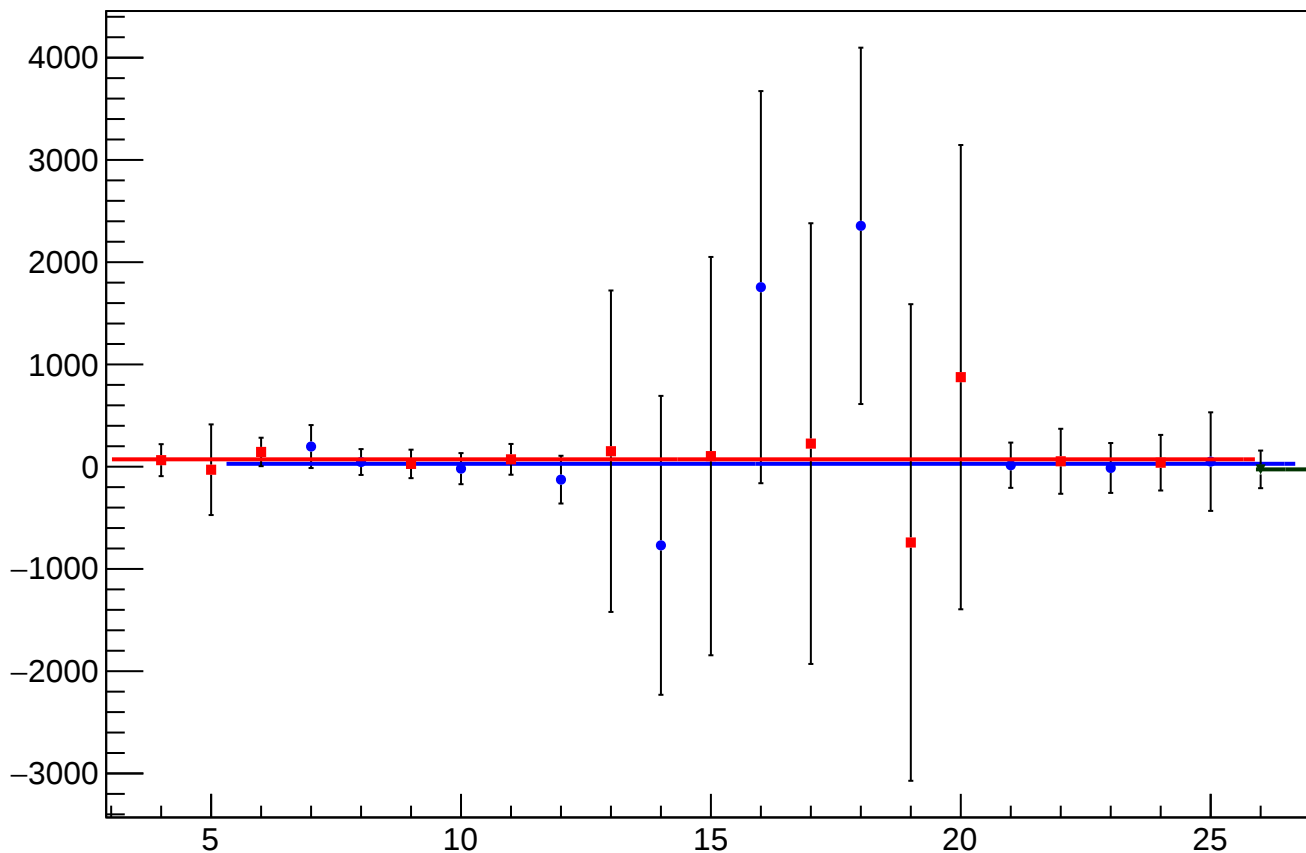
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 26.827+/-0.027 χ^2/NDF : 0.0/0

26.617+/-0.009 χ^2/NDF : 4624064.6/10

25.943+/-0.009 χ^2/NDF : 5346963.3/11

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

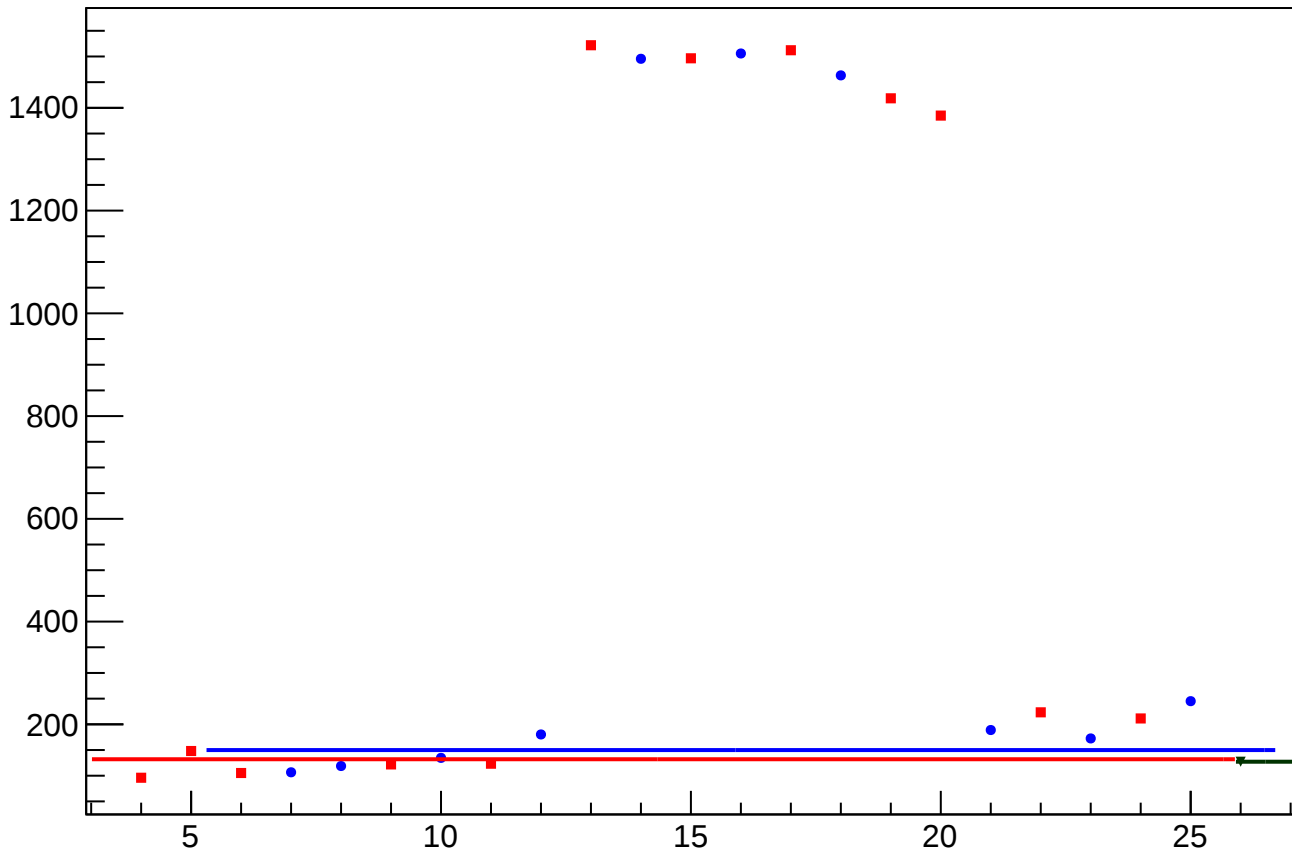
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: 26.259+/-183.854 χ^2/NDF : 0.0/0

20.927+/-67.584 χ^2/NDF : 4.2/10

72.031+/-67.714 χ^2/NDF : 0.7/11

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

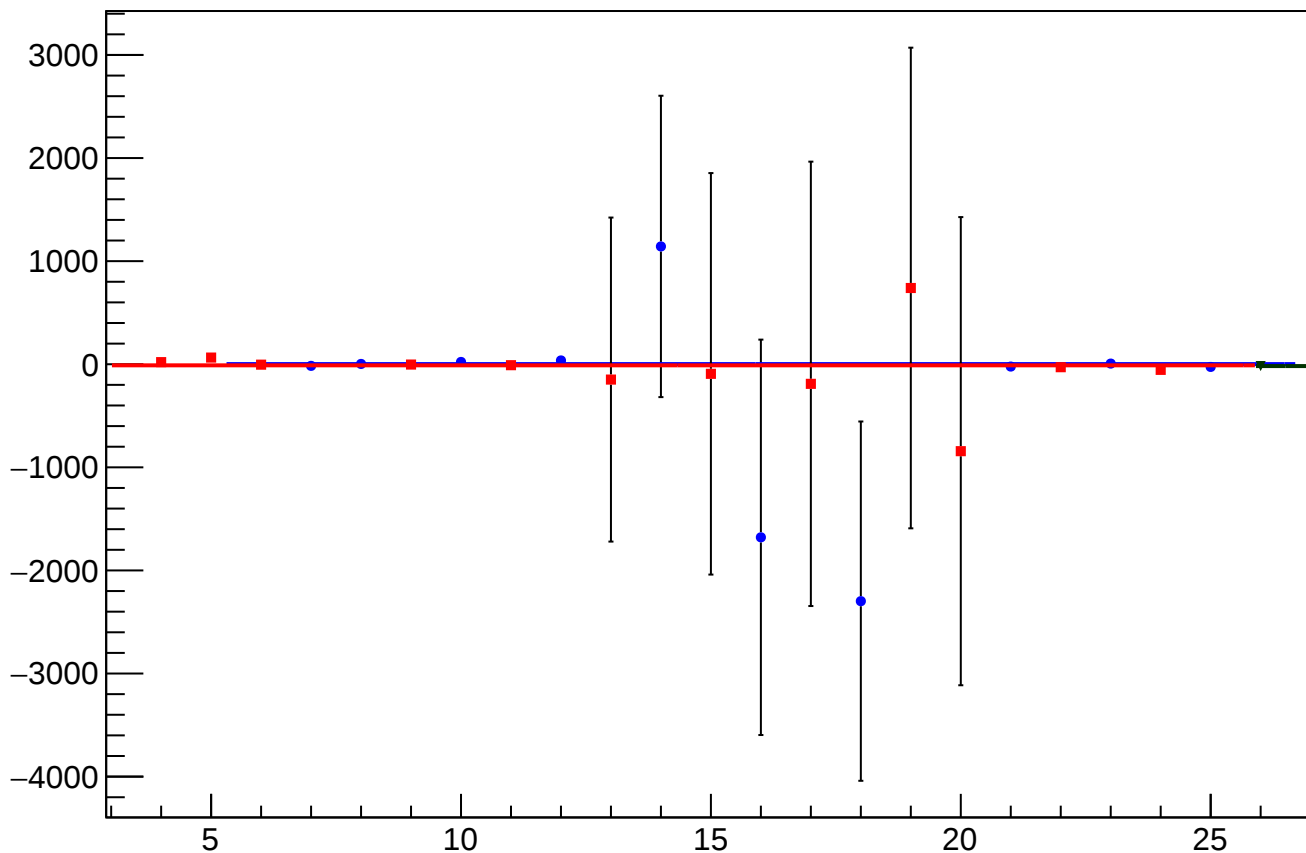
146.837+/-0.048 χ^2/NDF : 4273732.5/10

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

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

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

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

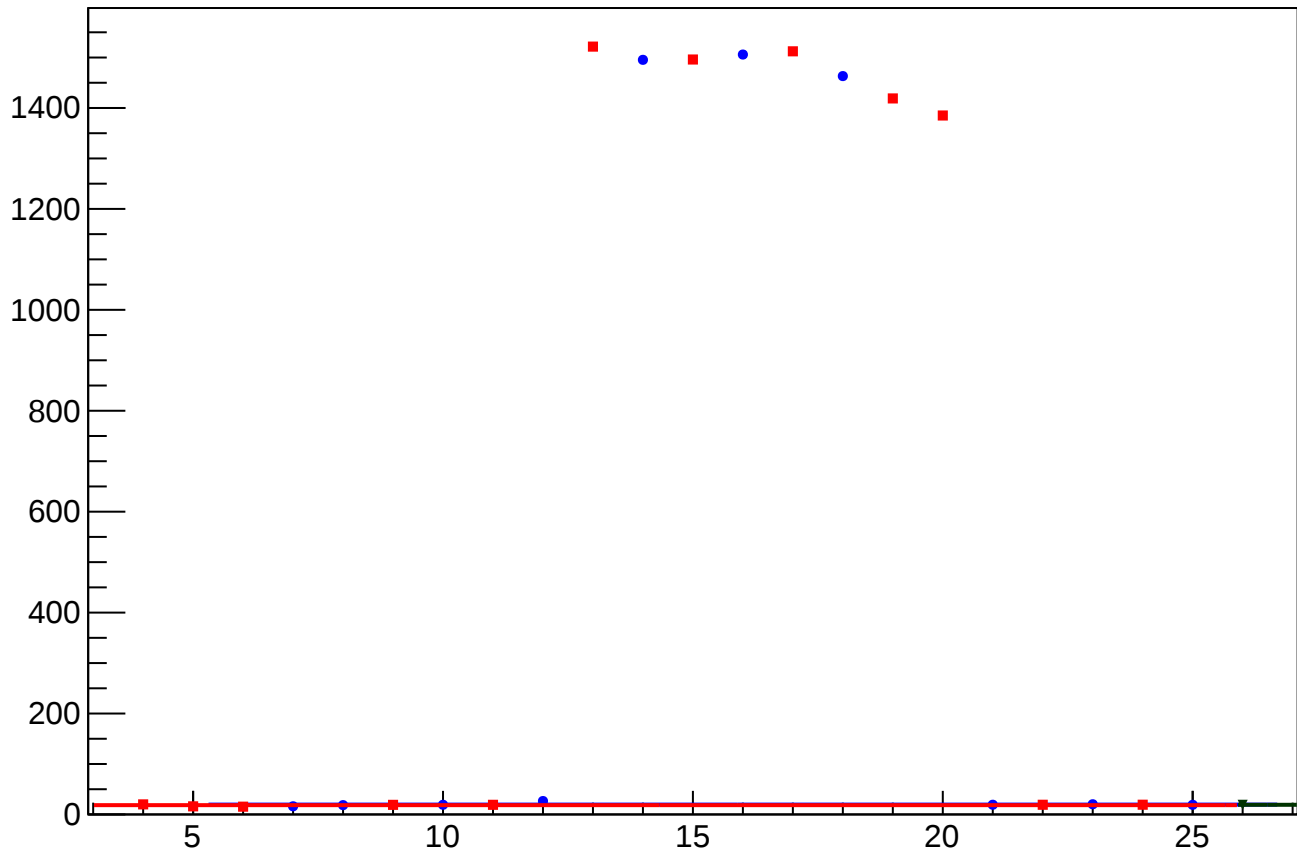
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

Left In: 17.740+/-27.460 χ^2/NDF : 0.0/0

-0.695+/-9.130 χ^2/NDF : 7.5/10

-10.544+/-9.604 χ^2/NDF : 7.4/11

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

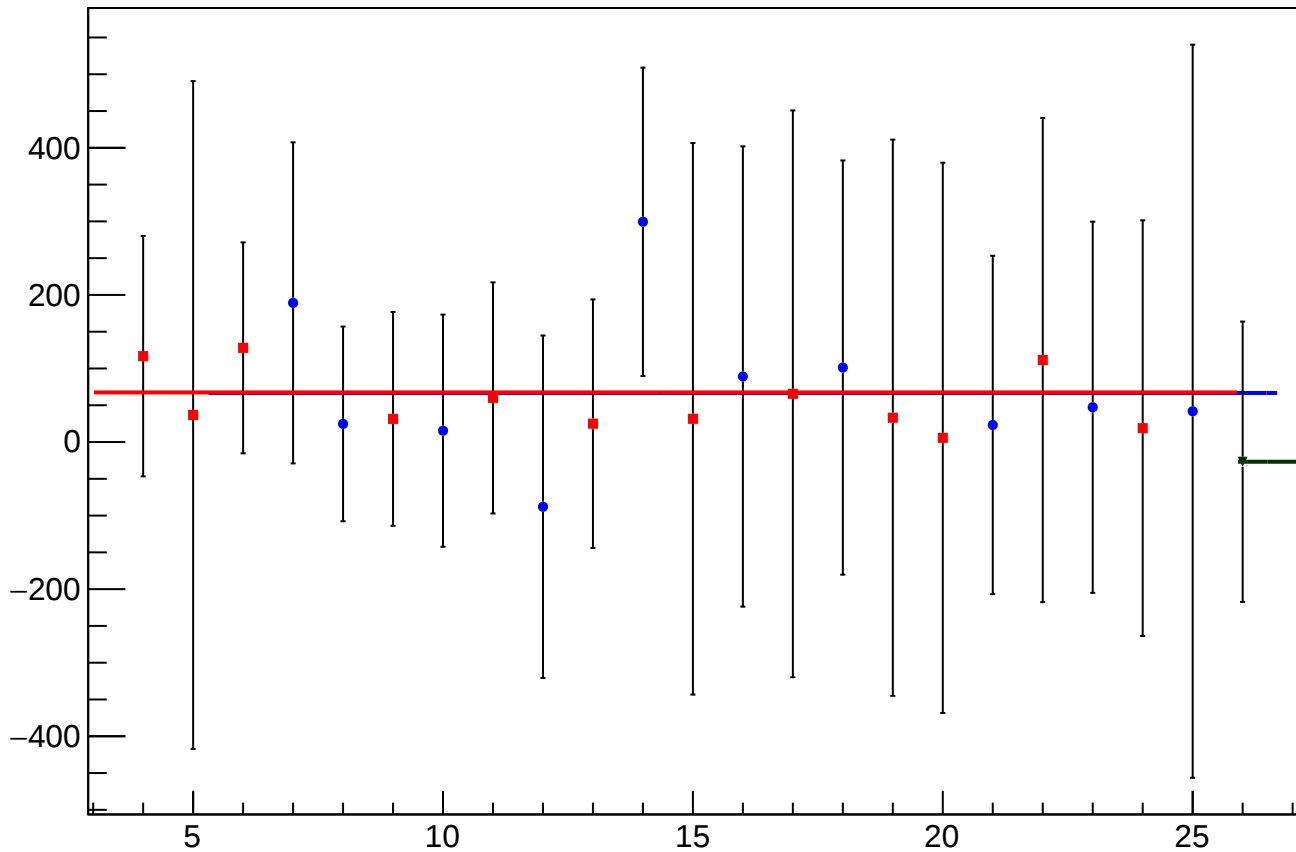
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 19.141+/-0.019 χ^2/NDF : 0.0/0

19.485+/-0.006 χ^2/NDF : 4722473.3/10

18.441+/-0.007 χ^2/NDF : 5449094.8/11

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

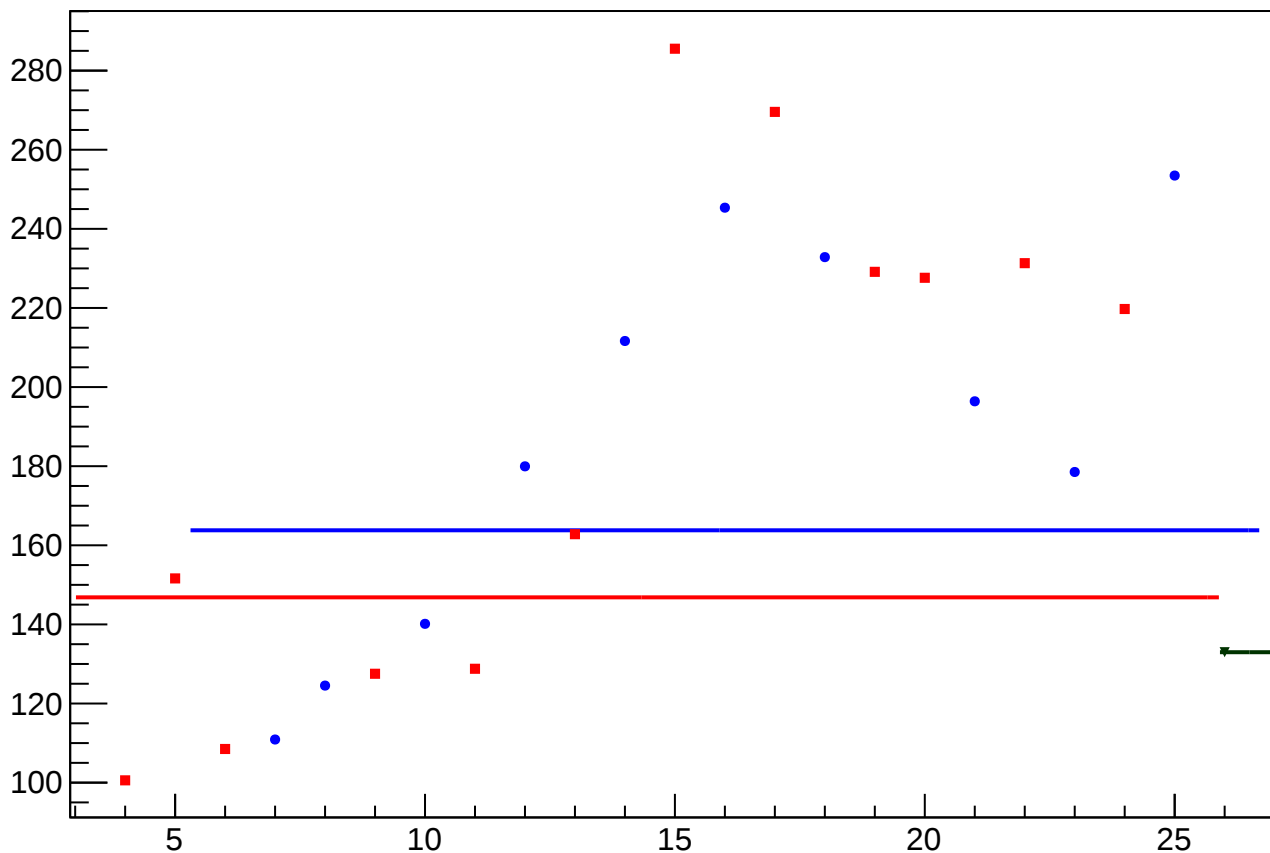
Right Out: 67.441+/-61.599 χ^2/NDF : 0.5/11

Left In: 26.796+/-190.573 χ^2/NDF : 0.0/0

56.330+/-63.443 χ^2/NDF : 2.5/10

67.441+/-61.599 χ^2/NDF : 0.5/11

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

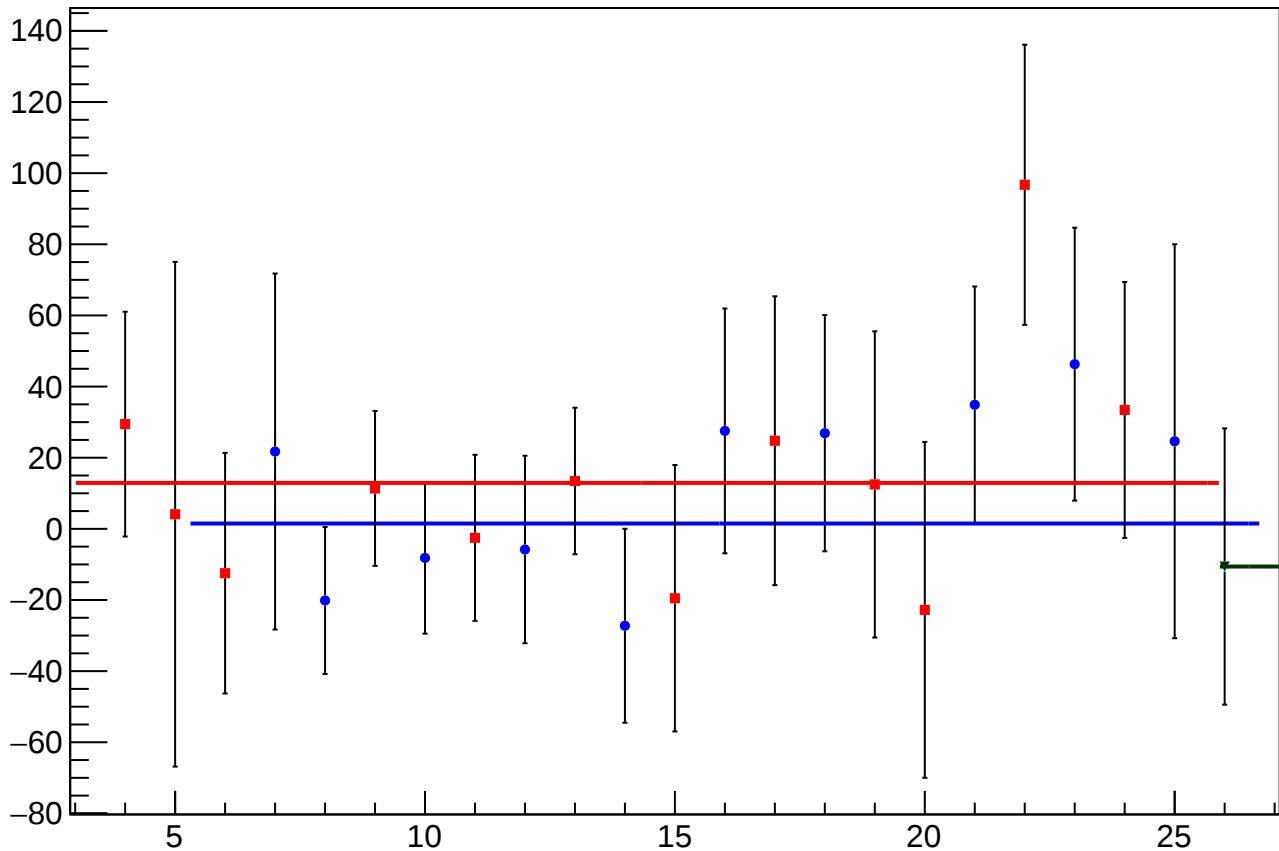
160.377 $\pm$ 0.045 χ^2 /NDF: 866807.4/10

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

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

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

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -10.596 ± 38.842 χ^2/NDF : 0.0/0

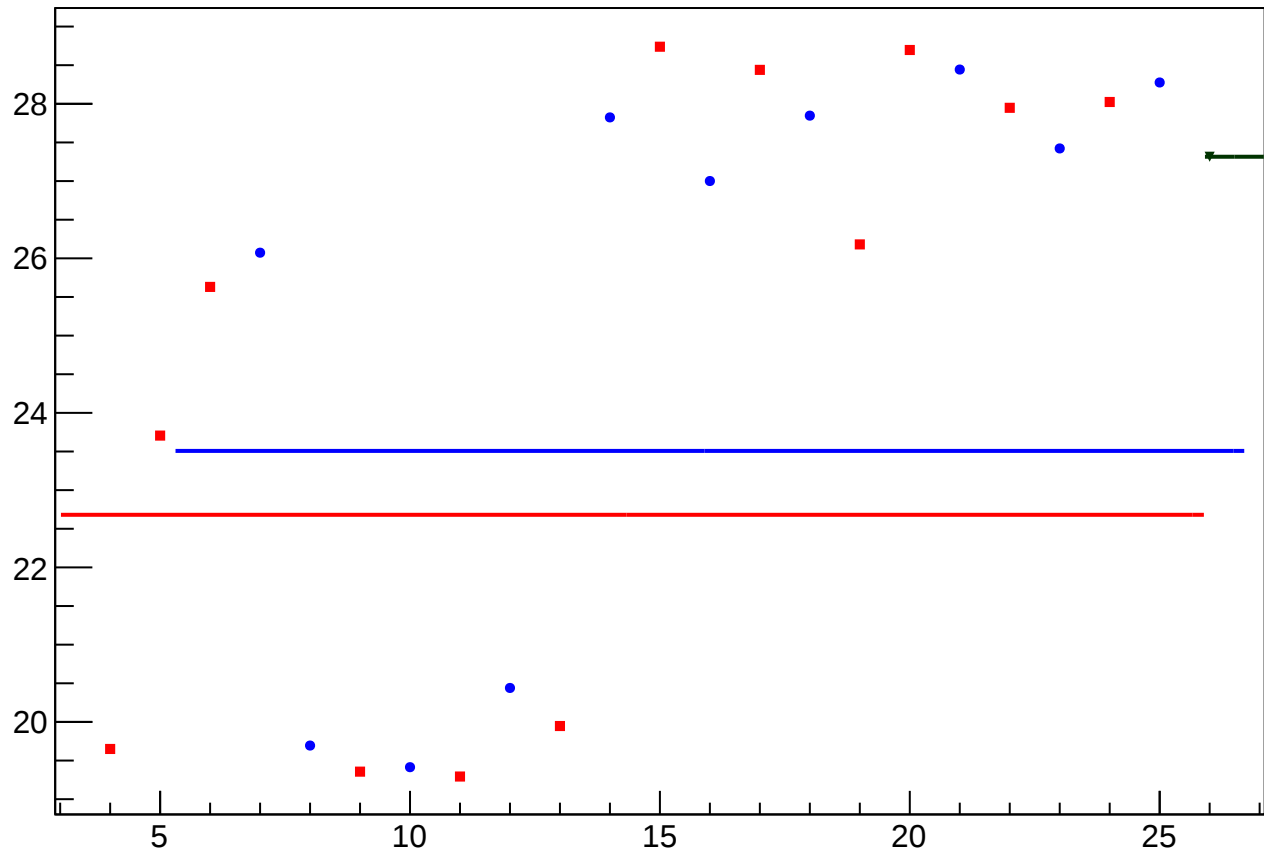
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: 10.596 ± 38.842 χ^2/NDF : 0.0/0

0.834 ± 9.106 χ^2/NDF : 6.5/10

12.920 ± 9.091 χ^2/NDF : 7.6/11

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

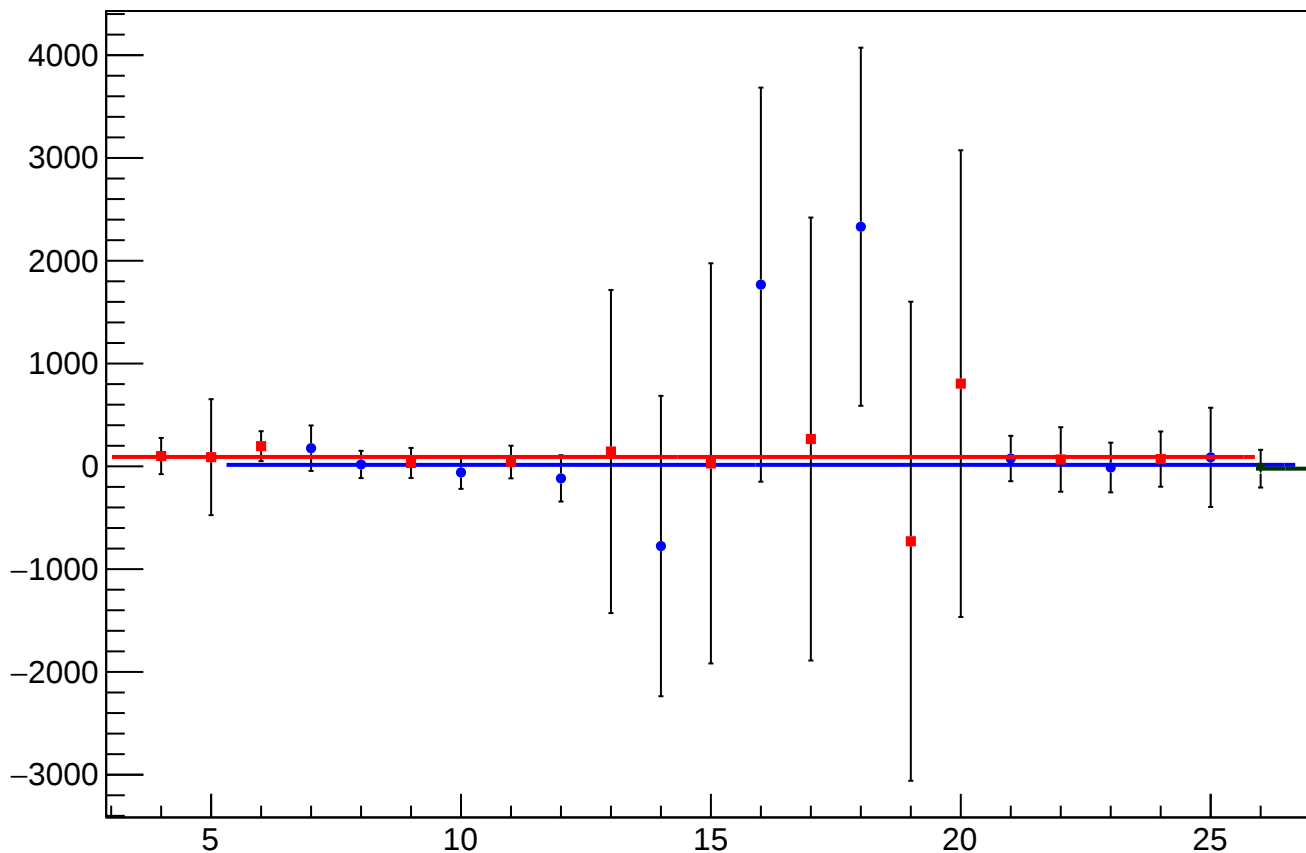
23.717+/-0.006 χ^2/NDF : 377327.0/10

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

22.681+/-0.006 χ^2/NDF : 376081.4/11

Left In: 27.315+/-0.027 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

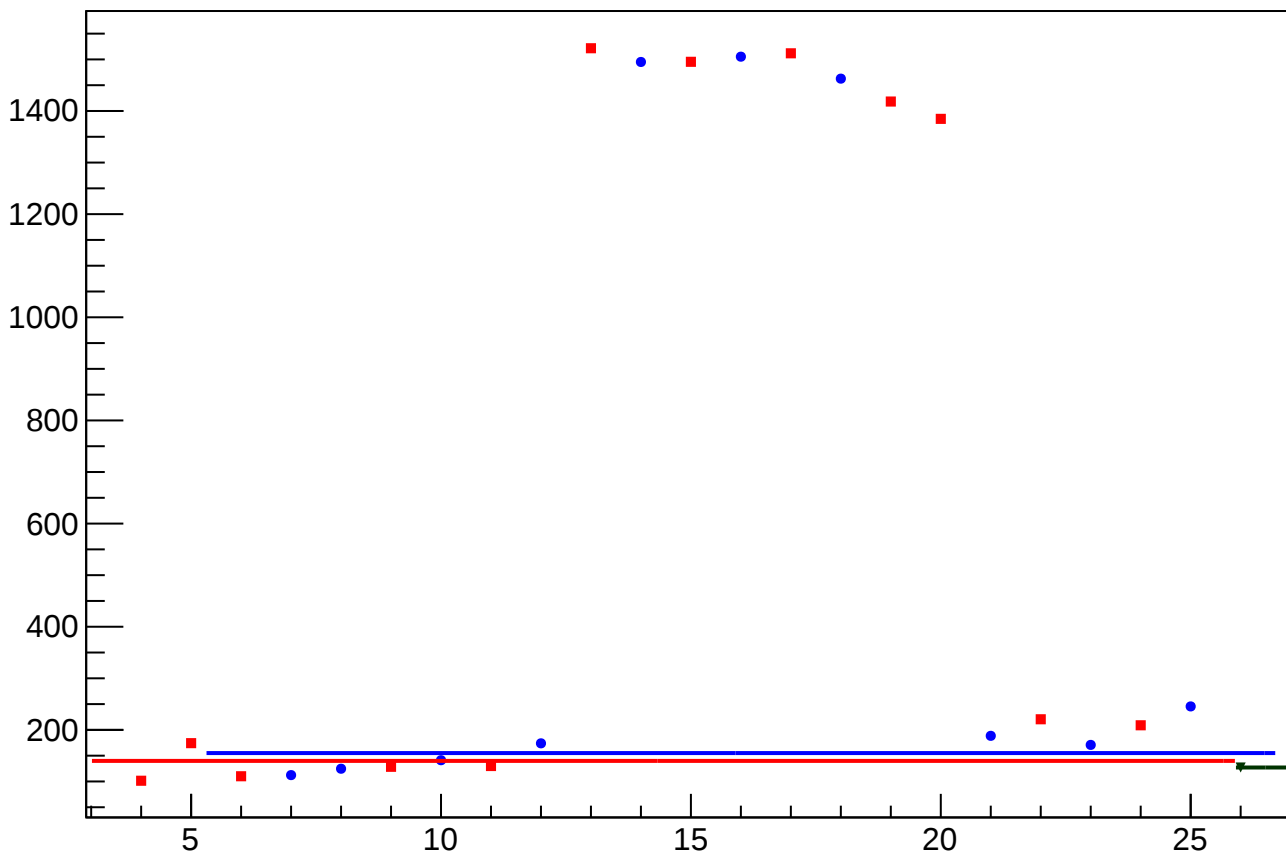
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: 22.575+/-183.579 χ^2/NDF : 0.0/0

9.377+/-69.168 χ^2/NDF : 4.1/10

91.524+/-71.755 χ^2/NDF : 1.0/11

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

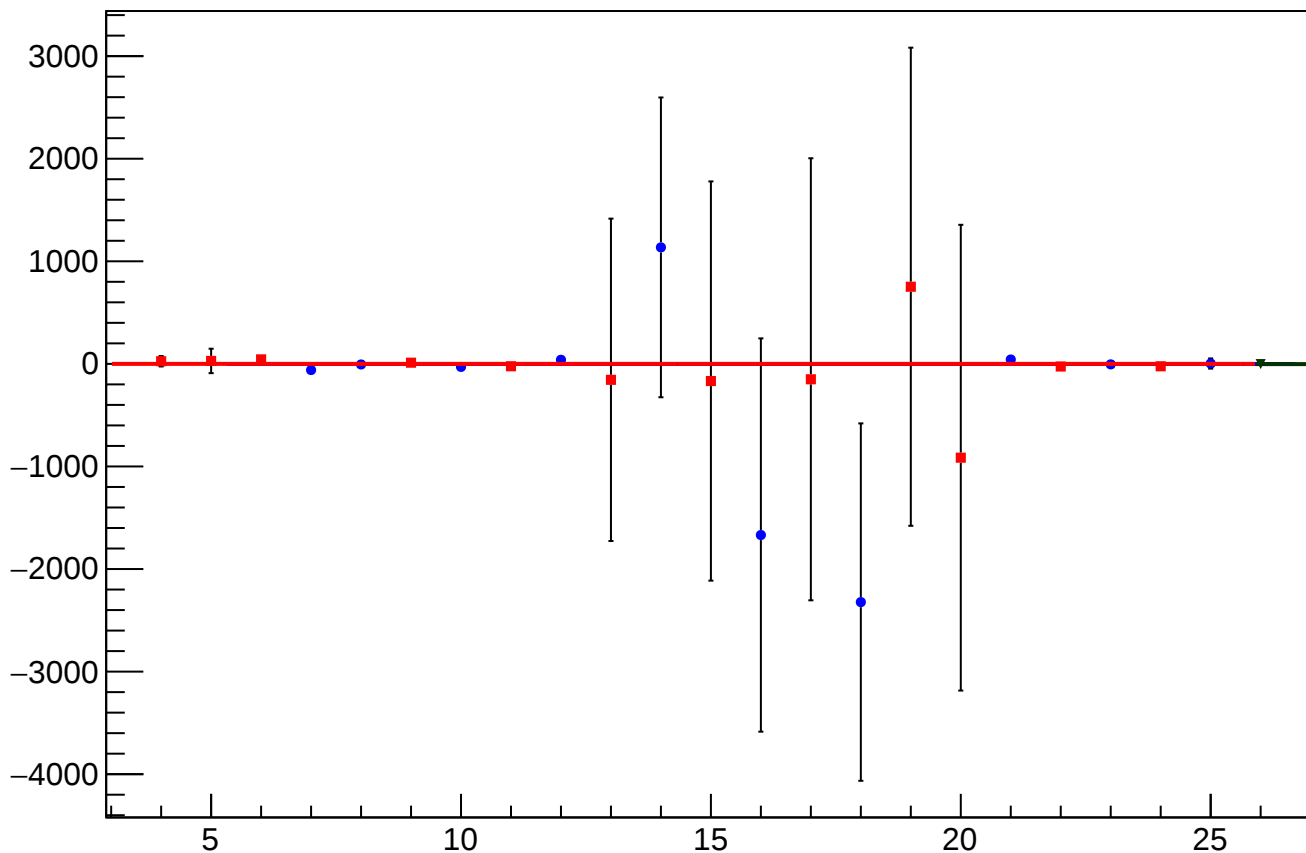
Right Out: 139.869+/-0.051 χ^2/NDF : 5001746.3/11

Left In: 127.060+/-0.130 χ^2/NDF : 0.0/0

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

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

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

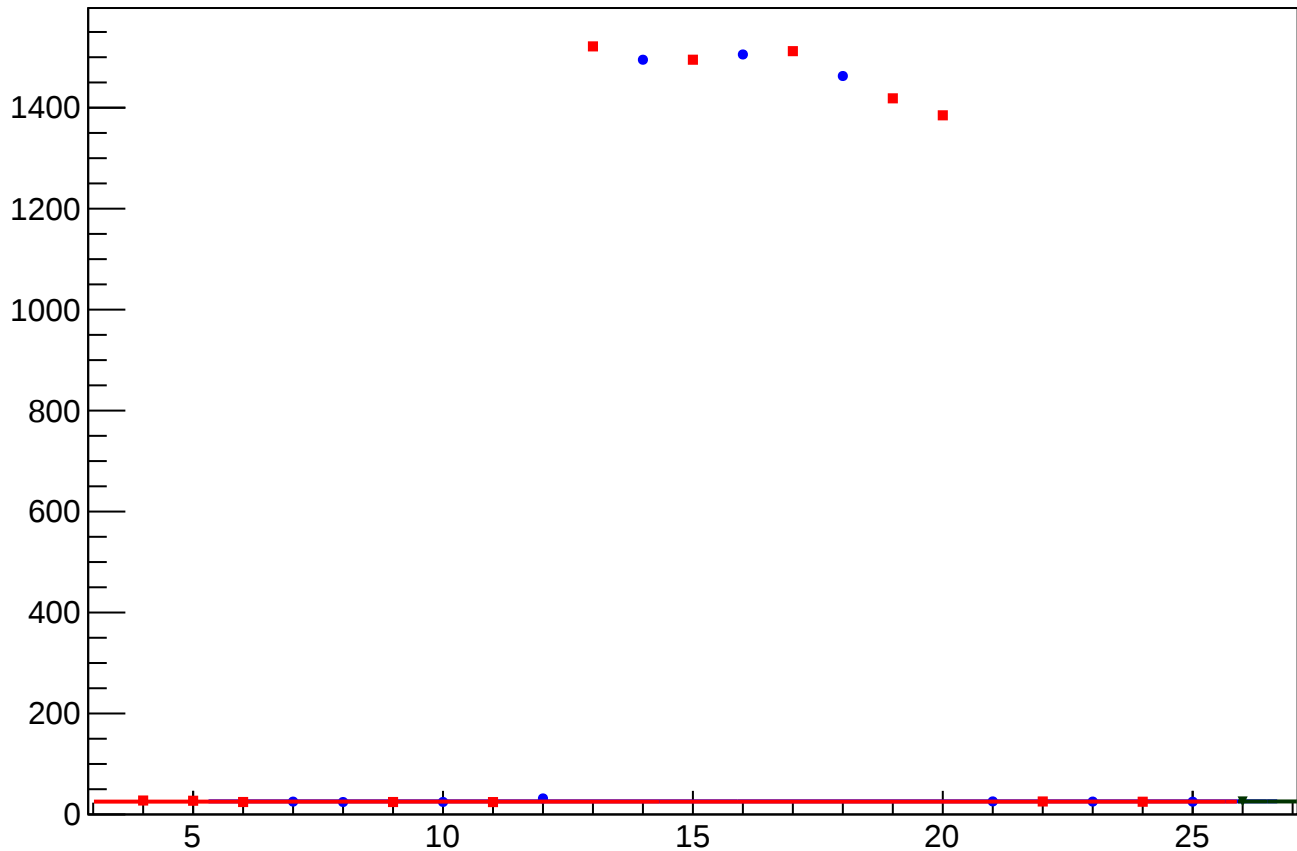
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: 2.352+/-36.910 χ^2/NDF : 0.0/0

-1.370+/-12.065 χ^2/NDF : 8.8/10

-0.057+/-13.414 χ^2/NDF : 4.2/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 25.998 $\pm$ 0.009 χ^2 /NDF: 4621099.1/9

Left Out: 25.737 $\pm$ 0.026 χ^2 /NDF: 0.0/0

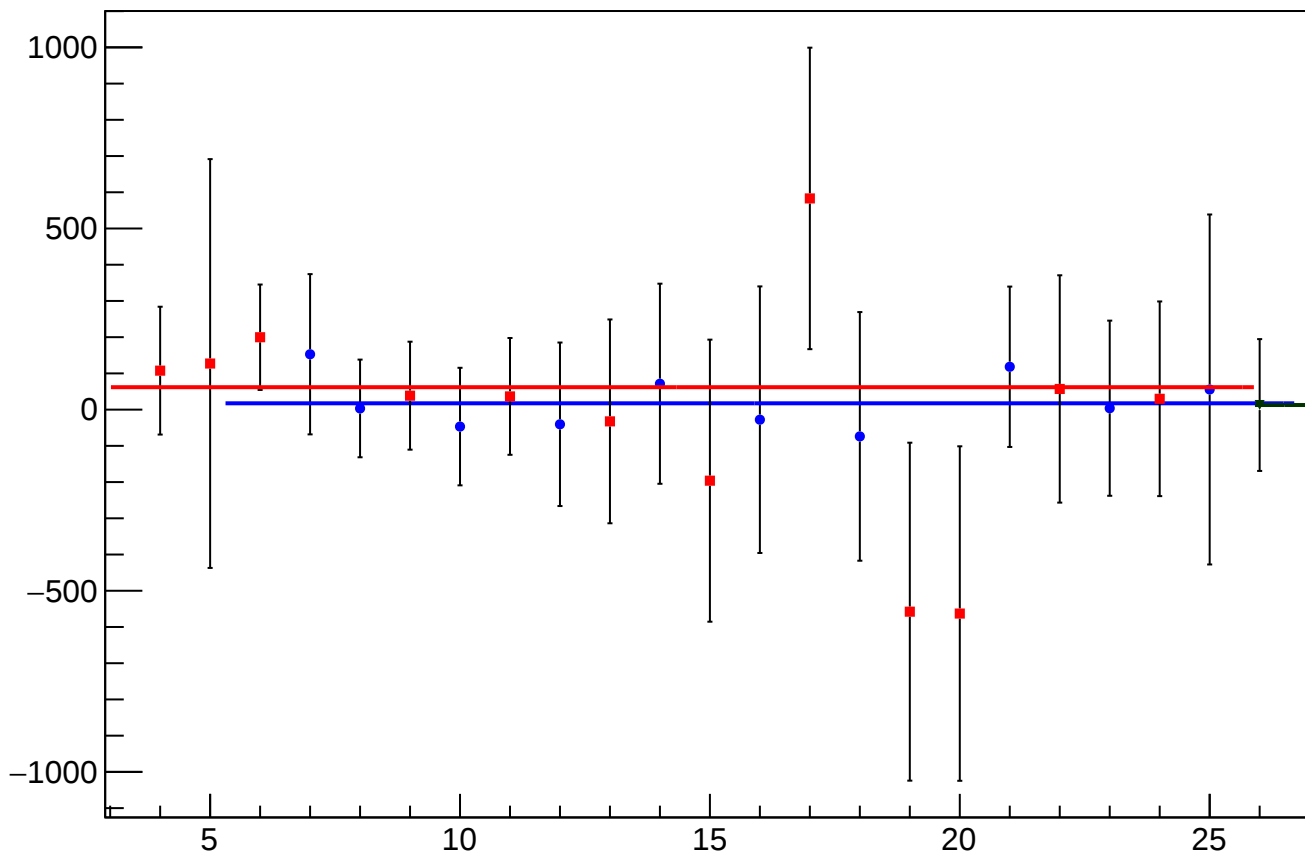
Right Out: 25.431 $\pm$ 0.009 χ^2 /NDF: 5346262.0/11

Left In: 25.737 $\pm$ 0.026 χ^2 /NDF: 0.0/0

25.970 $\pm$ 0.009 χ^2 /NDF: 4621188.5/10

25.431 $\pm$ 0.009 χ^2 /NDF: 5346262.0/11

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

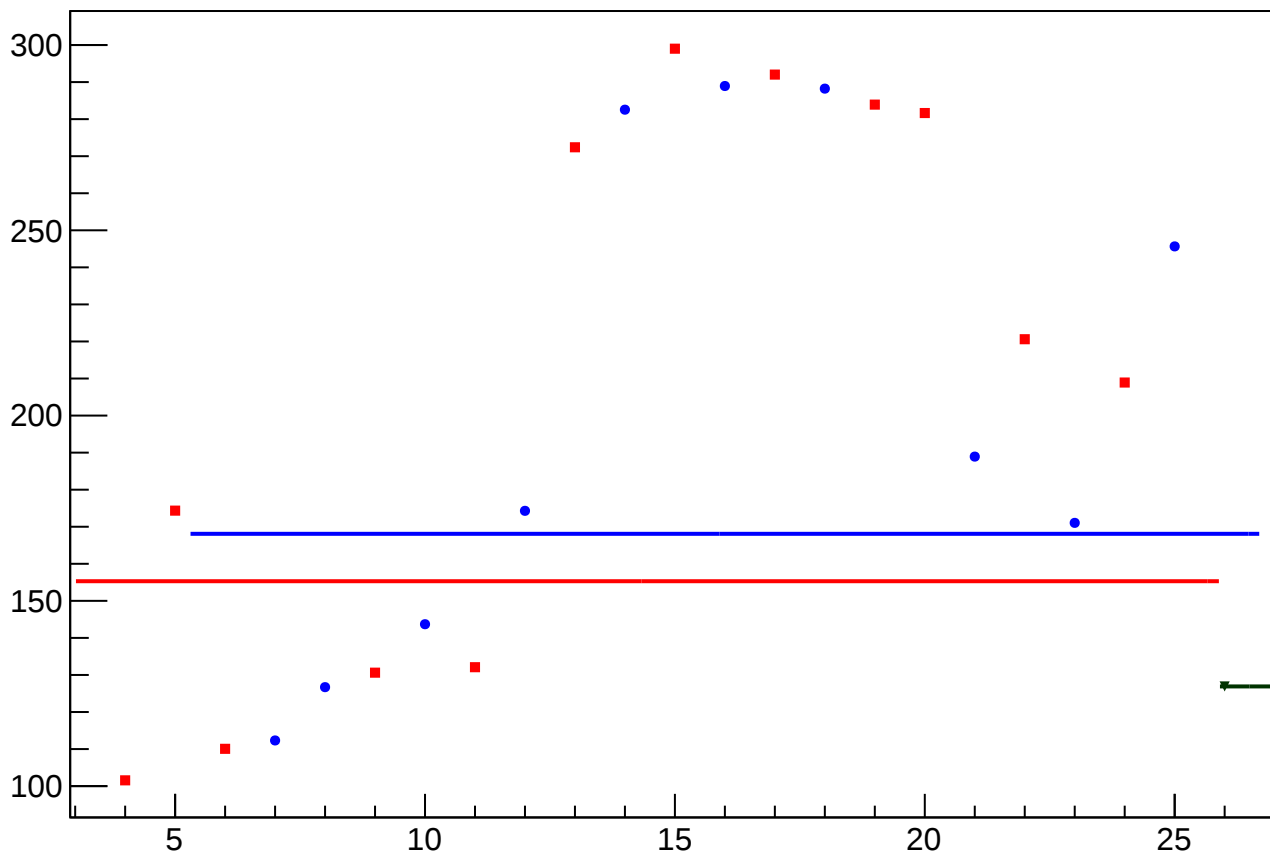
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -12.710+/-181.947 χ^2/NDF : 0.0/0

16.838+/-65.359 χ^2/NDF : 1.0/10

61.917+/-66.769 χ^2/NDF : 6.8/11

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

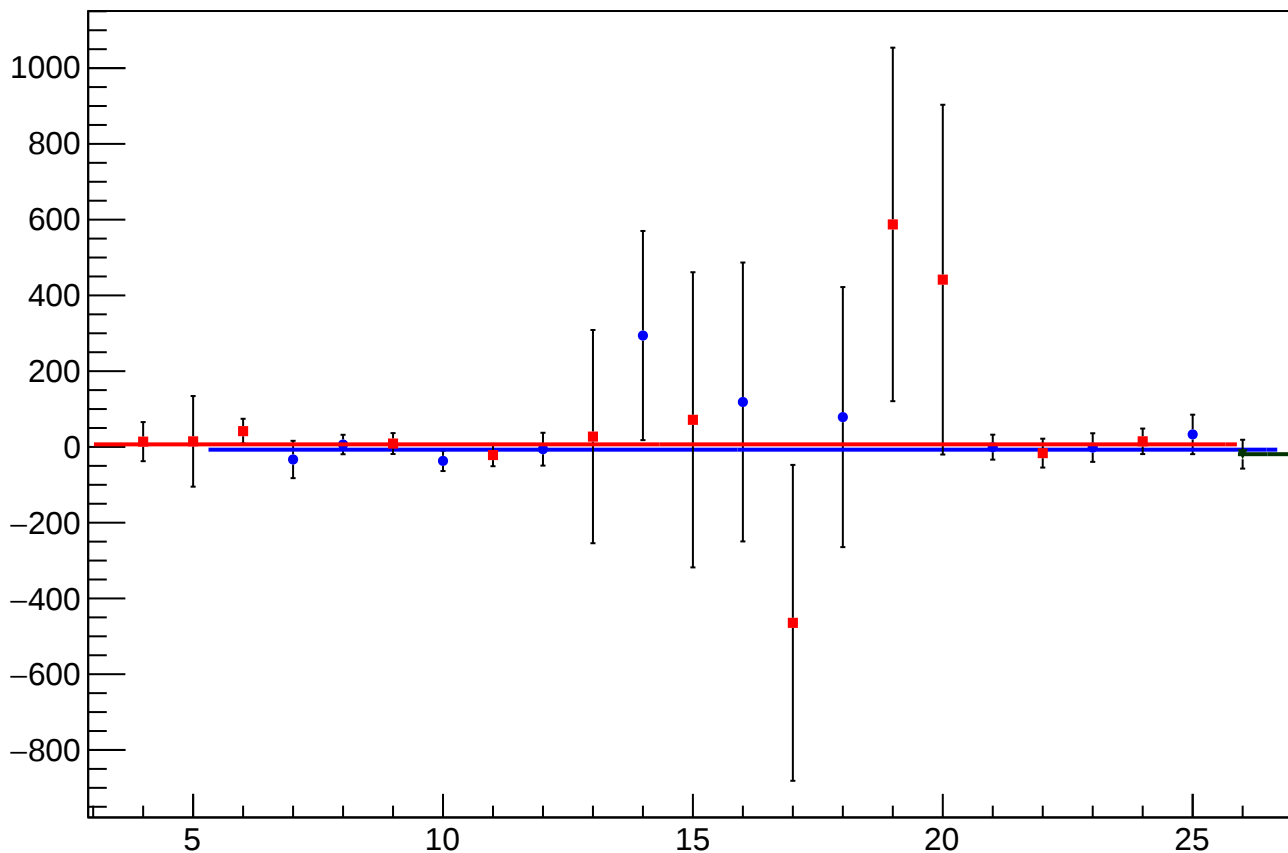
162.775+/-0.046 χ^2/NDF : 1325560.7/10

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

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

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

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

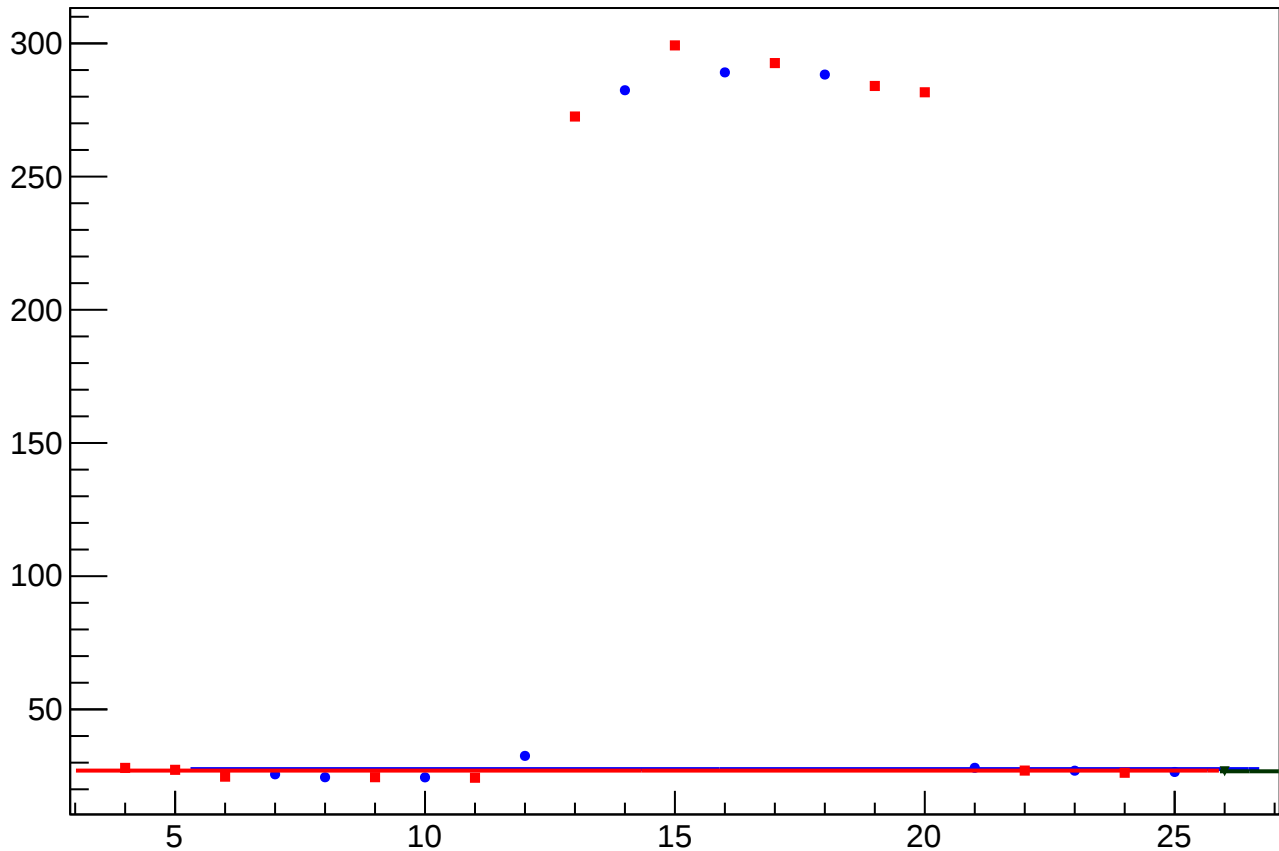
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 19.161+/-38.071 χ^2/NDF : 0.0/0

-8.491+/-12.344 χ^2/NDF : 3.9/10

6.763+/-13.545 χ^2/NDF : 6.3/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.582 $\pm$ 0.009 χ^2 /NDF: 3953856.3/9

Left Out: 26.758 $\pm$ 0.027 χ^2 /NDF: 0.0/0

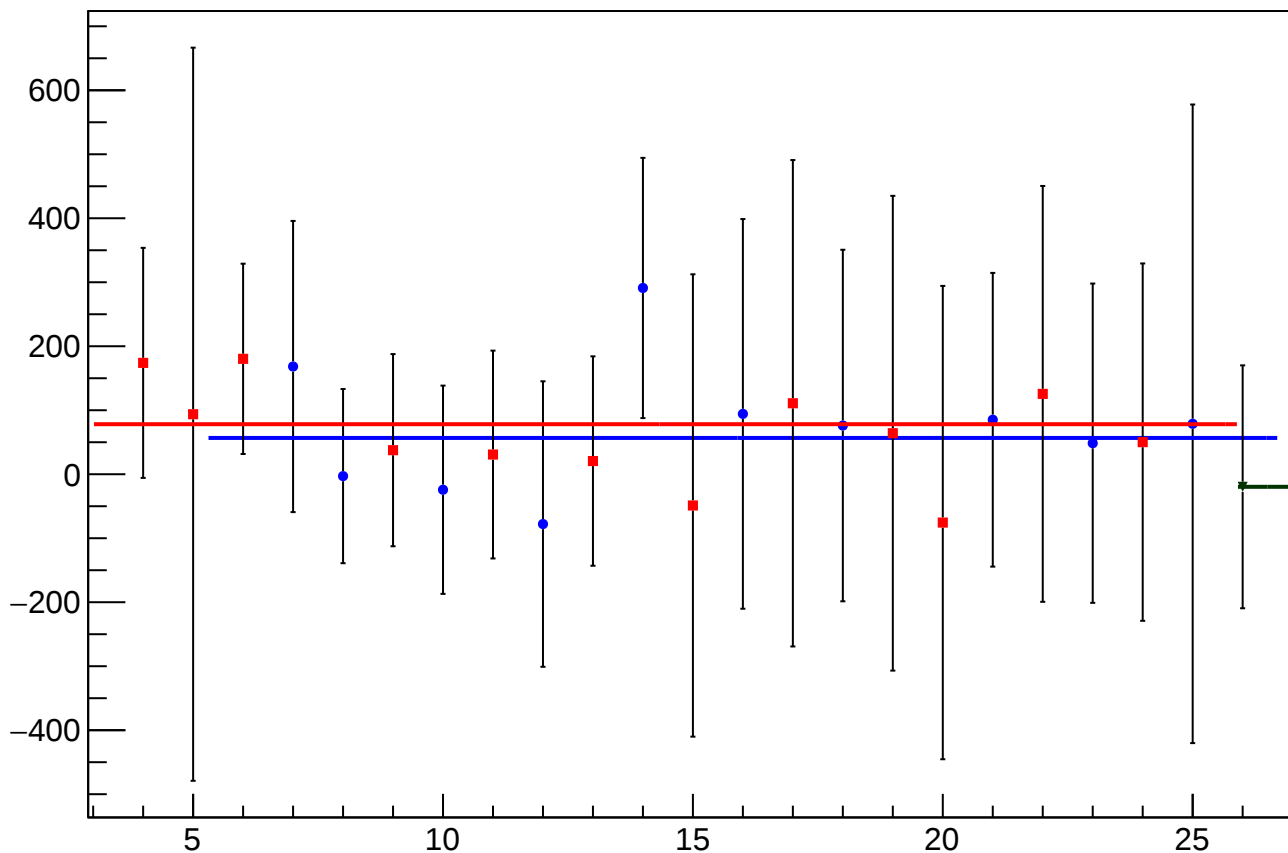
27.495 $\pm$ 0.009 χ^2 /NDF: 3954694.7/10

Right Out: 27.023 $\pm$ 0.010 χ^2 /NDF: 4568943.2/11

Left In: 26.758 $\pm$ 0.027 χ^2 /NDF: 0.0/0

27.023 $\pm$ 0.010 χ^2 /NDF: 4568943.2/11

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

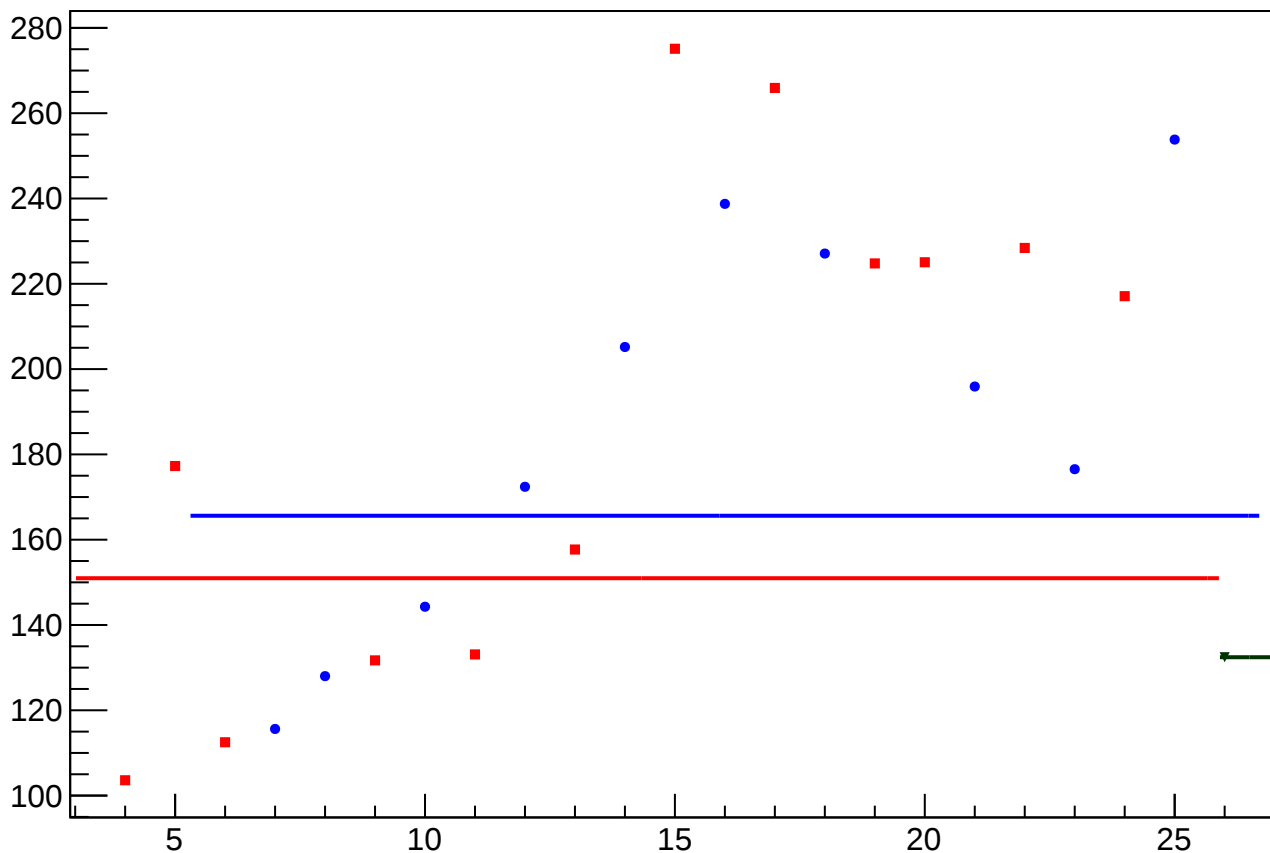
Right Out: 78.185+/-63.204 χ^2/NDF : 1.4/11

Left In: 19.656+/-189.797 χ^2/NDF : 0.0/0

48.108+/-63.726 χ^2/NDF : 2.6/10

78.185+/-63.204 χ^2/NDF : 1.4/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 132.441+/-0.134 χ^2/NDF : 0.0/0

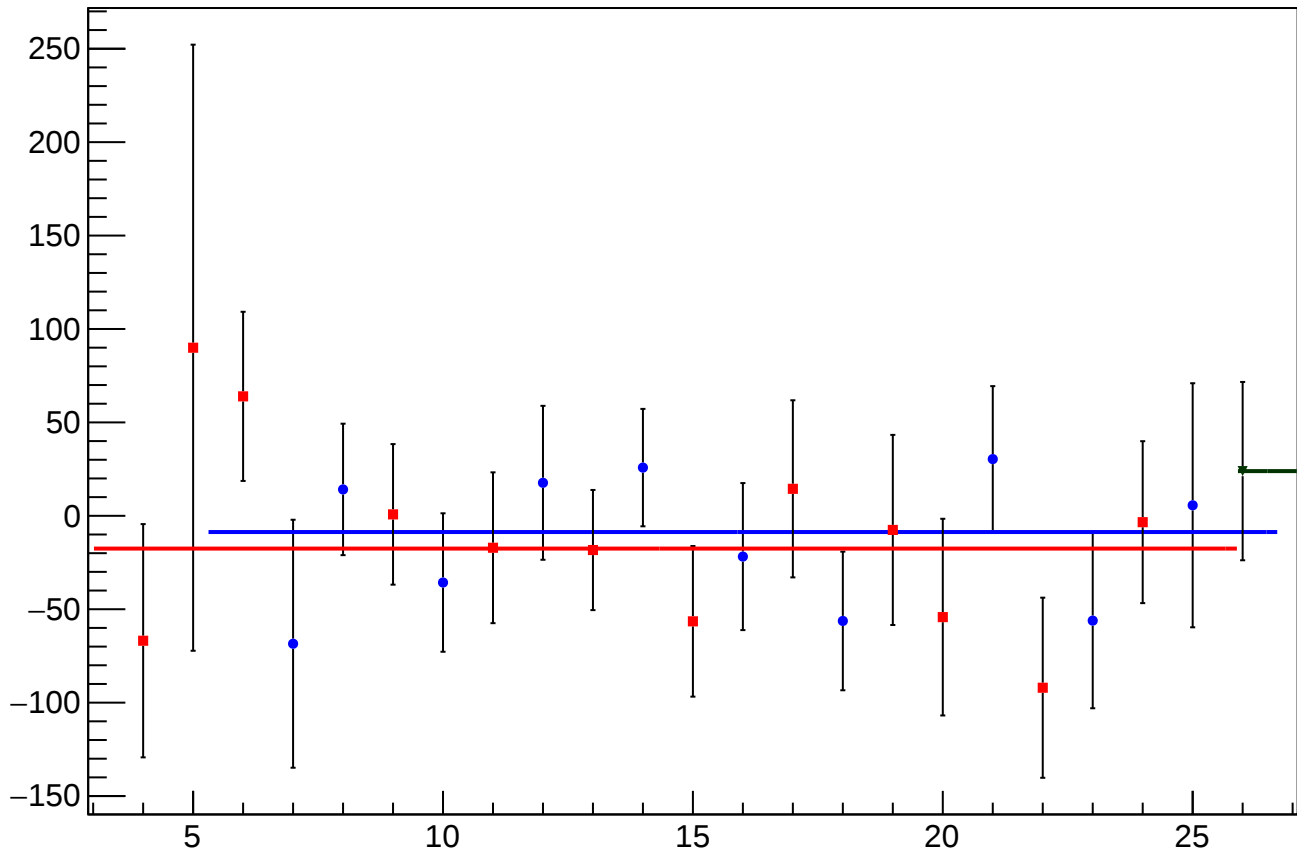
161.874+/-0.045 χ^2/NDF : 732216.6/10

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

Left In: 132.441+/-0.134 χ^2/NDF : 0.0/0

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: 23.929 ± 47.722 χ^2/NDF : 0.0/0

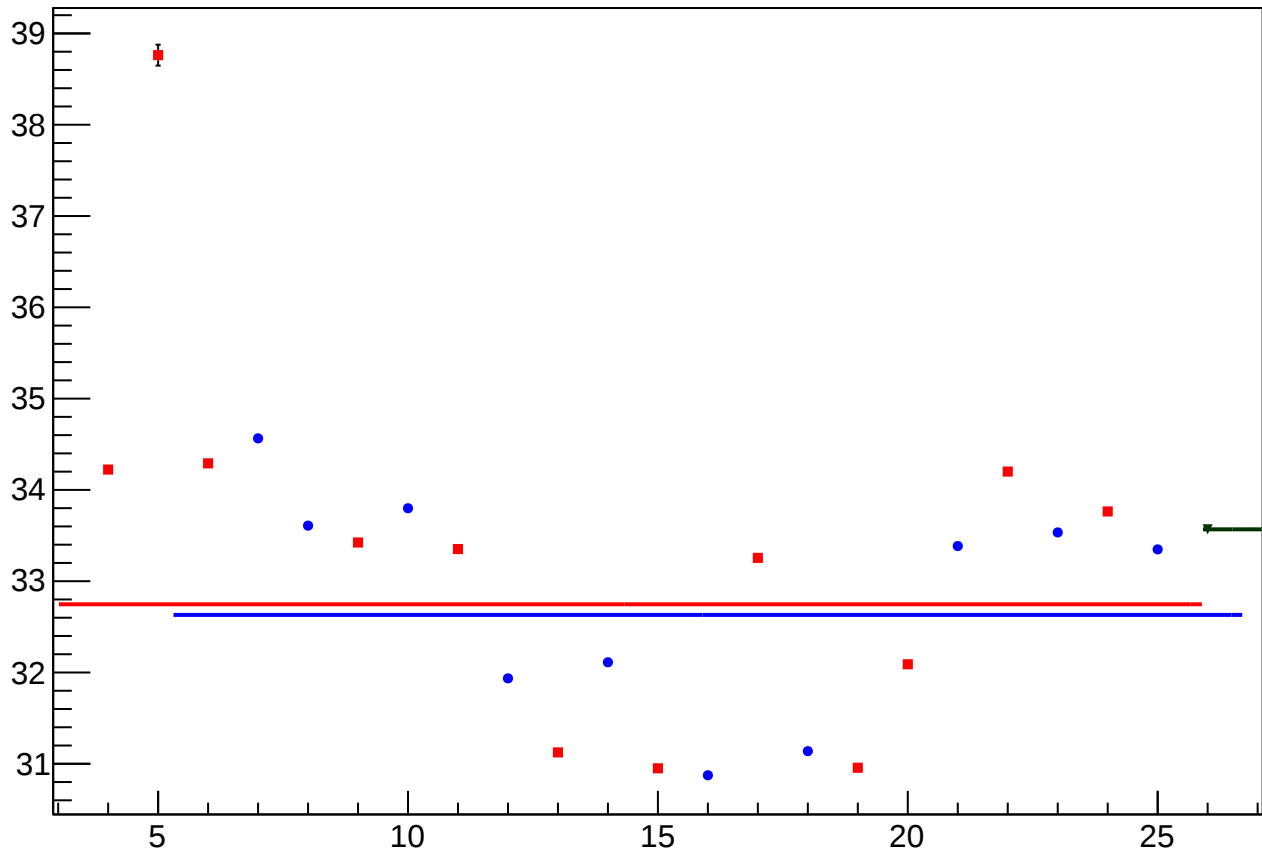
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: -23.929 ± 47.722 χ^2/NDF : 0.0/0

-6.485 ± 12.382 χ^2/NDF : 7.6/10

-17.538 ± 13.085 χ^2/NDF : 8.9/11

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

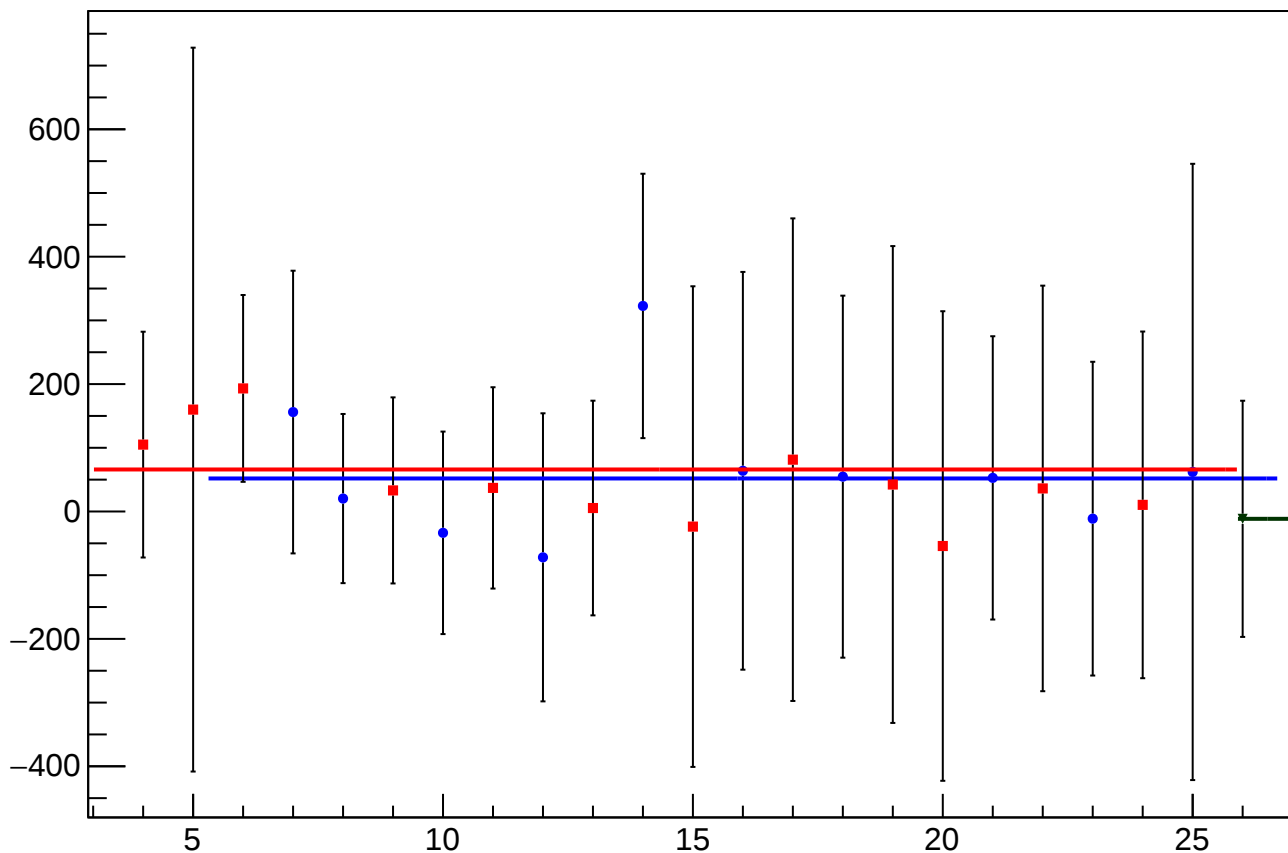
32.694+/-0.009 χ^2/NDF : 16016.7/10

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

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

32.747+/-0.009 χ^2/NDF : 22297.5/11

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

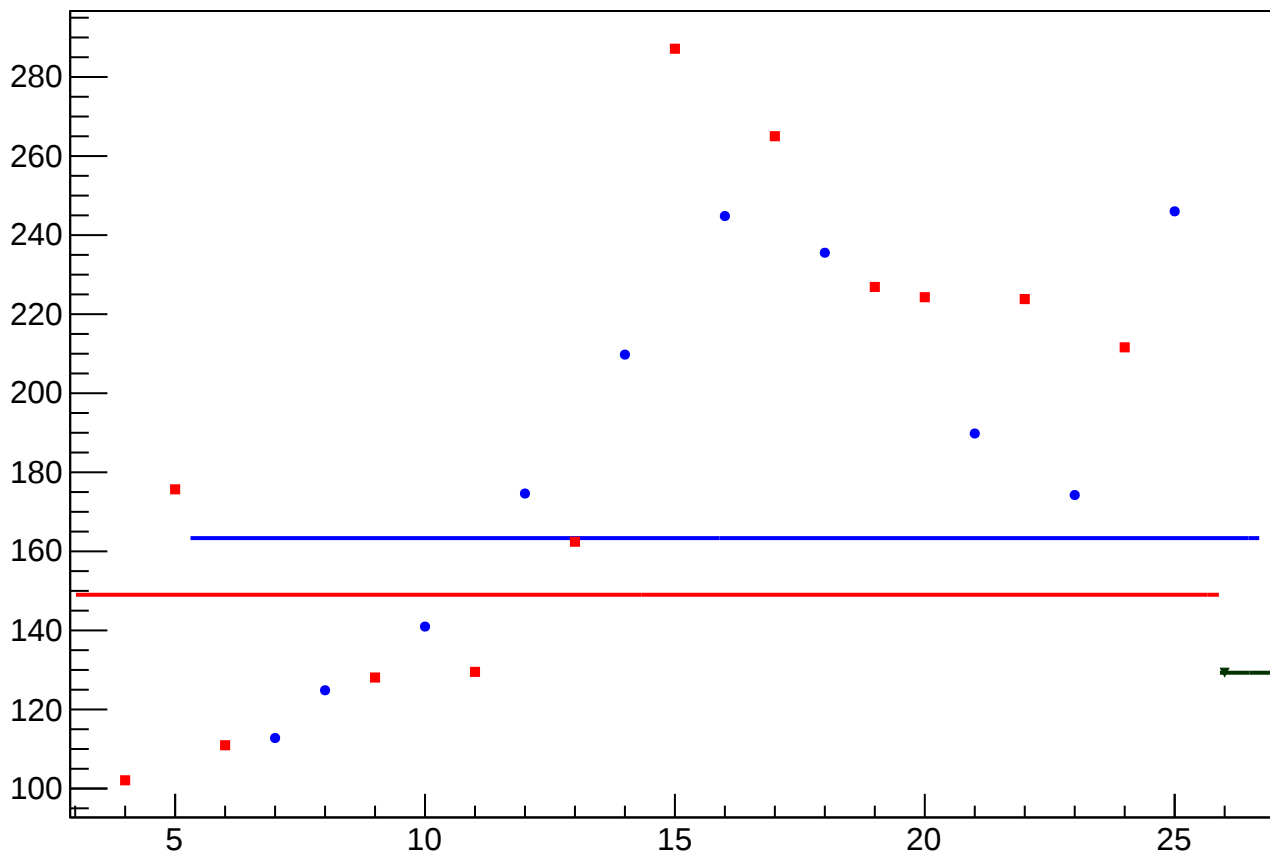
Right Out: 65.954+/-62.568 χ^2/NDF : 1.3/11

Left In: 11.522+/-185.380 χ^2/NDF : 0.0/0

44.521+/-62.980 χ^2/NDF : 2.7/10

65.954+/-62.568 χ^2/NDF : 1.3/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 129.298 $\pm$ 0.131 χ^2 /NDF: 0.0/0

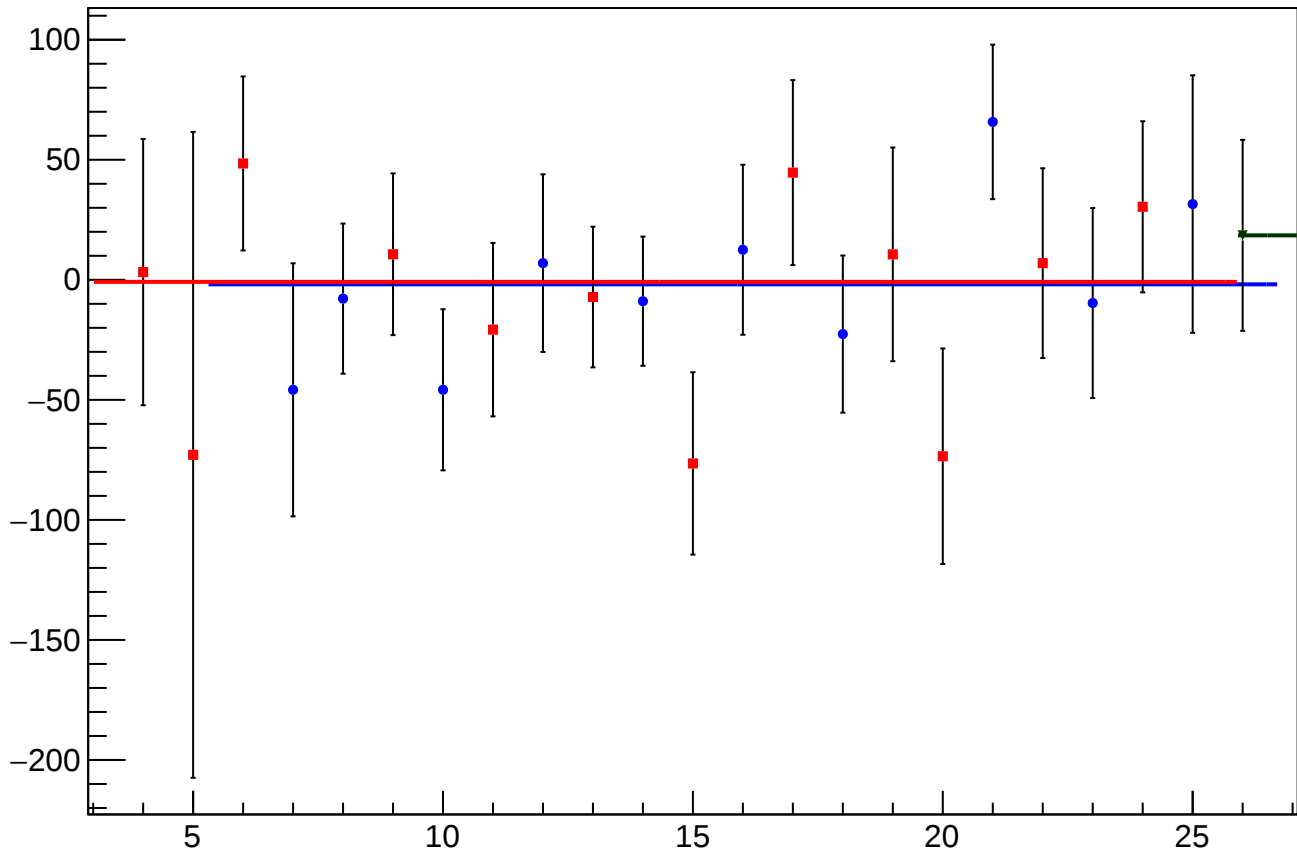
159.424 $\pm$ 0.045 χ^2 /NDF: 832315.3/10

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

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

Left In: 129.298 $\pm$ 0.131 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

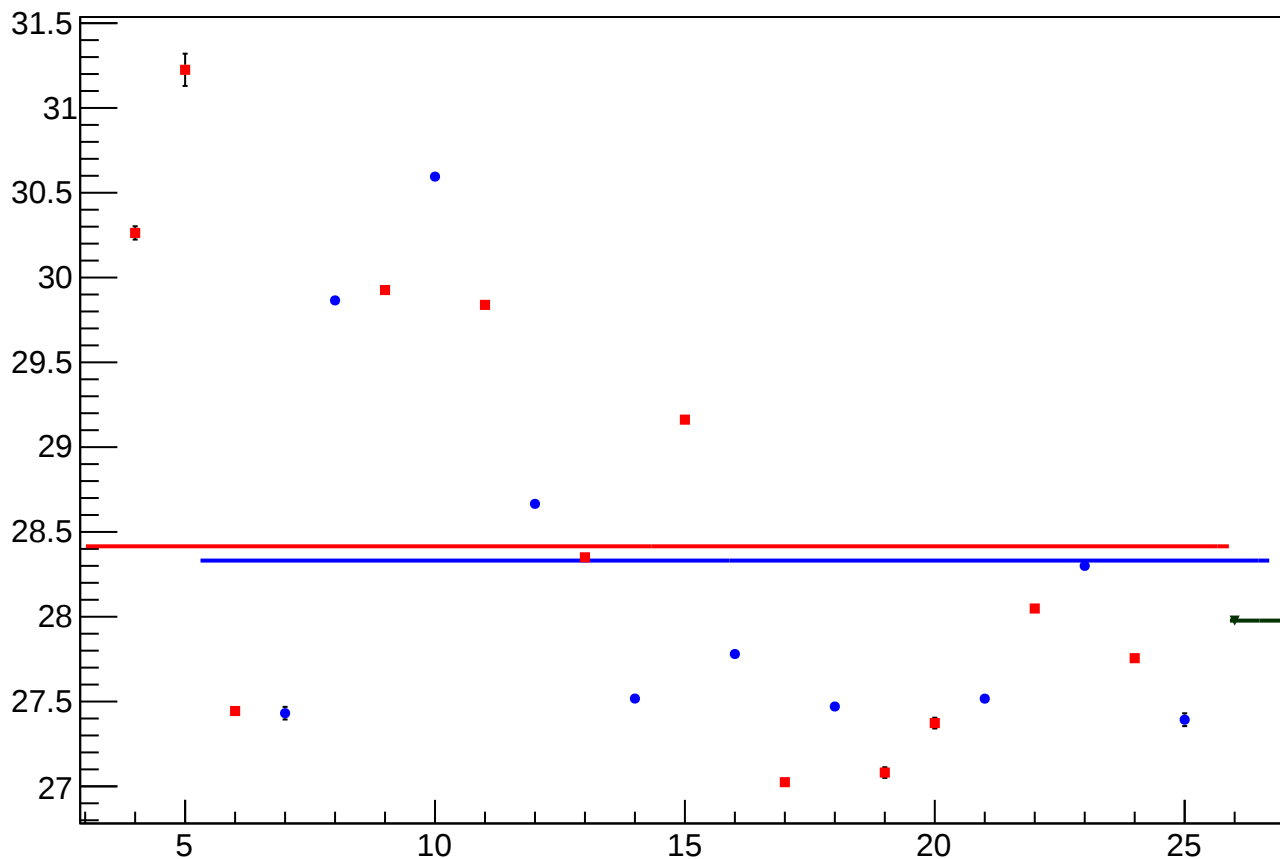
Right Out: -0.853 $\pm$ 11.359 χ^2 /NDF: 11.5/11

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

-0.398 $\pm$ 10.722 χ^2 /NDF: 8.2/10

-0.853 $\pm$ 11.359 χ^2 /NDF: 11.5/11

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

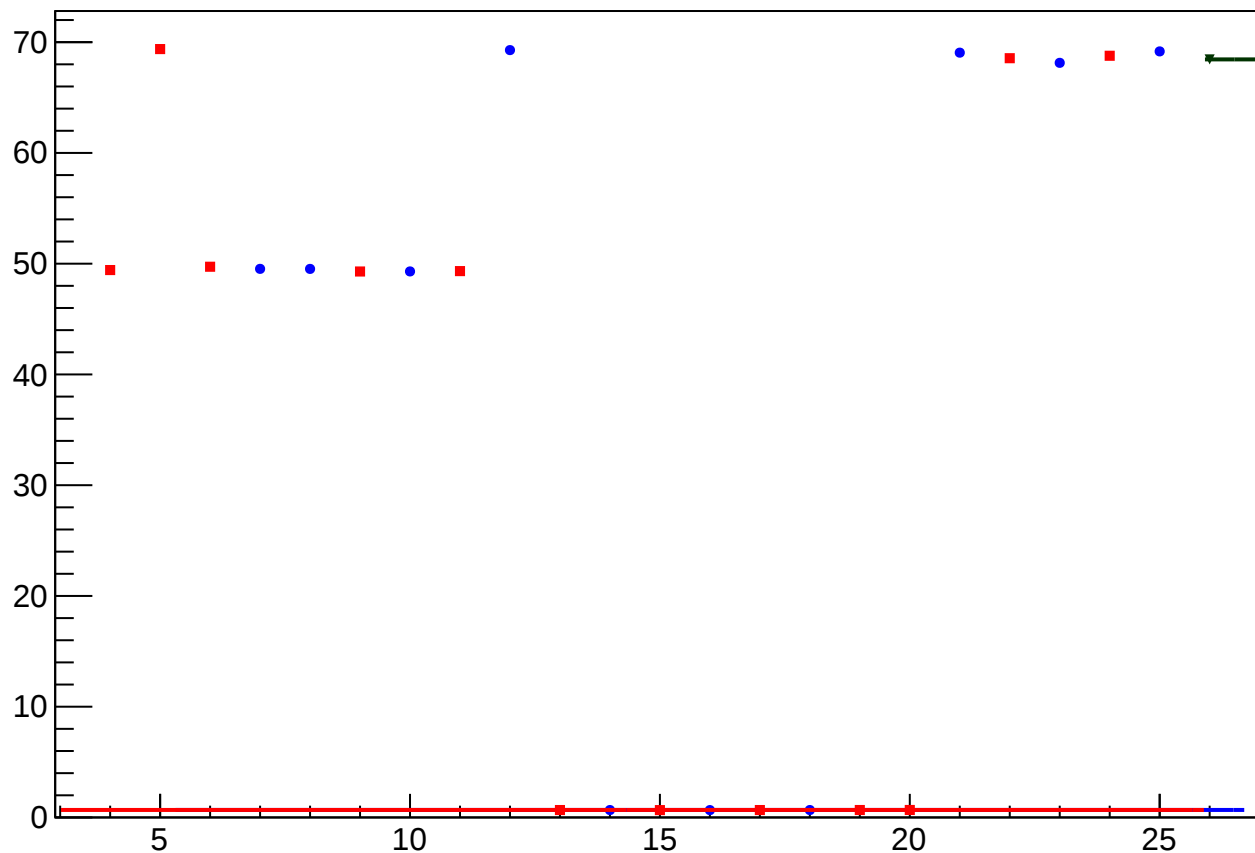
Right Out: 28.415+/-0.008 χ^2/NDF : 18780.8/11

Left In: 27.977+/-0.028 χ^2/NDF : 0.0/0

28.305+/-0.008 χ^2/NDF : 20396.1/10

28.415+/-0.008 χ^2/NDF : 18780.8/11

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

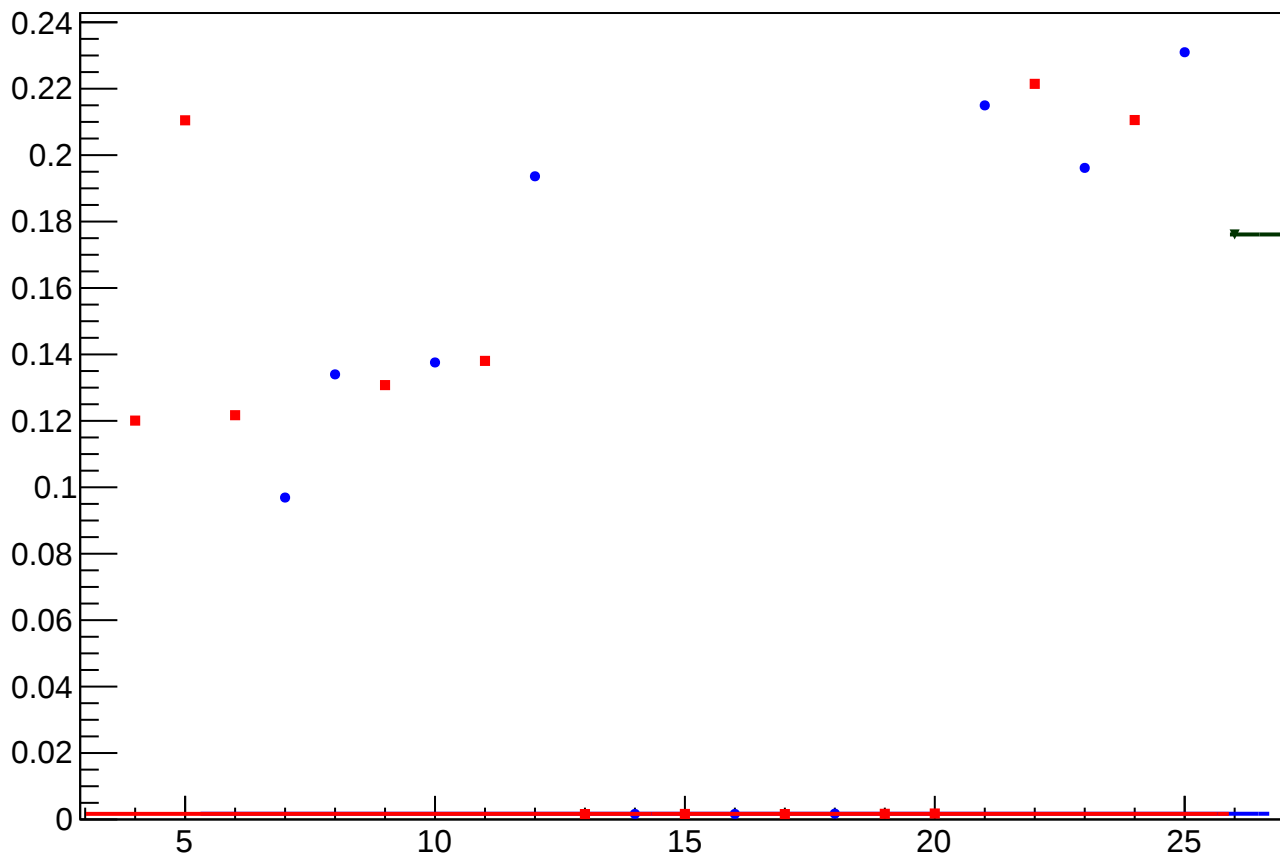
Right Out: 0.677+/-0.000 χ^2/NDF : 436954244556.0/11

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

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

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

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

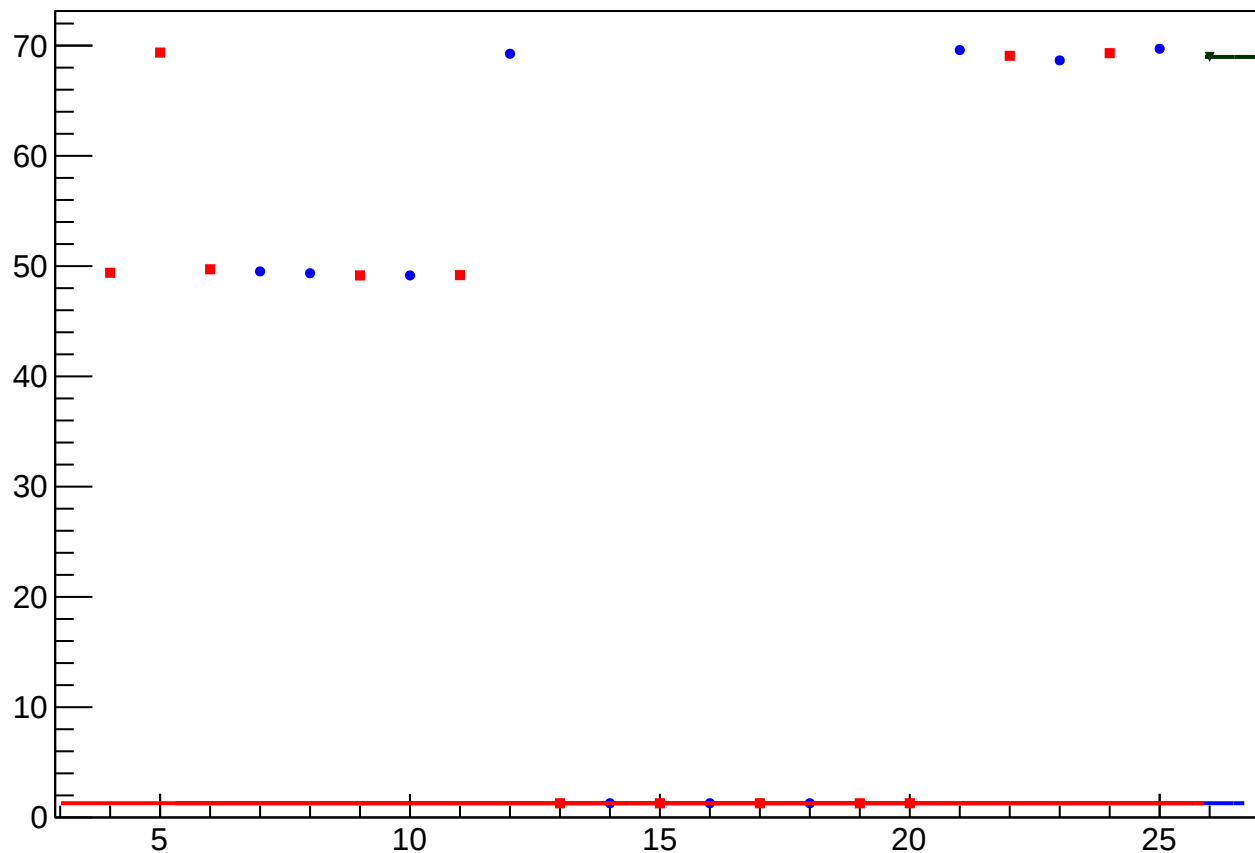
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.176+/-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 : 6636068.7/11

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

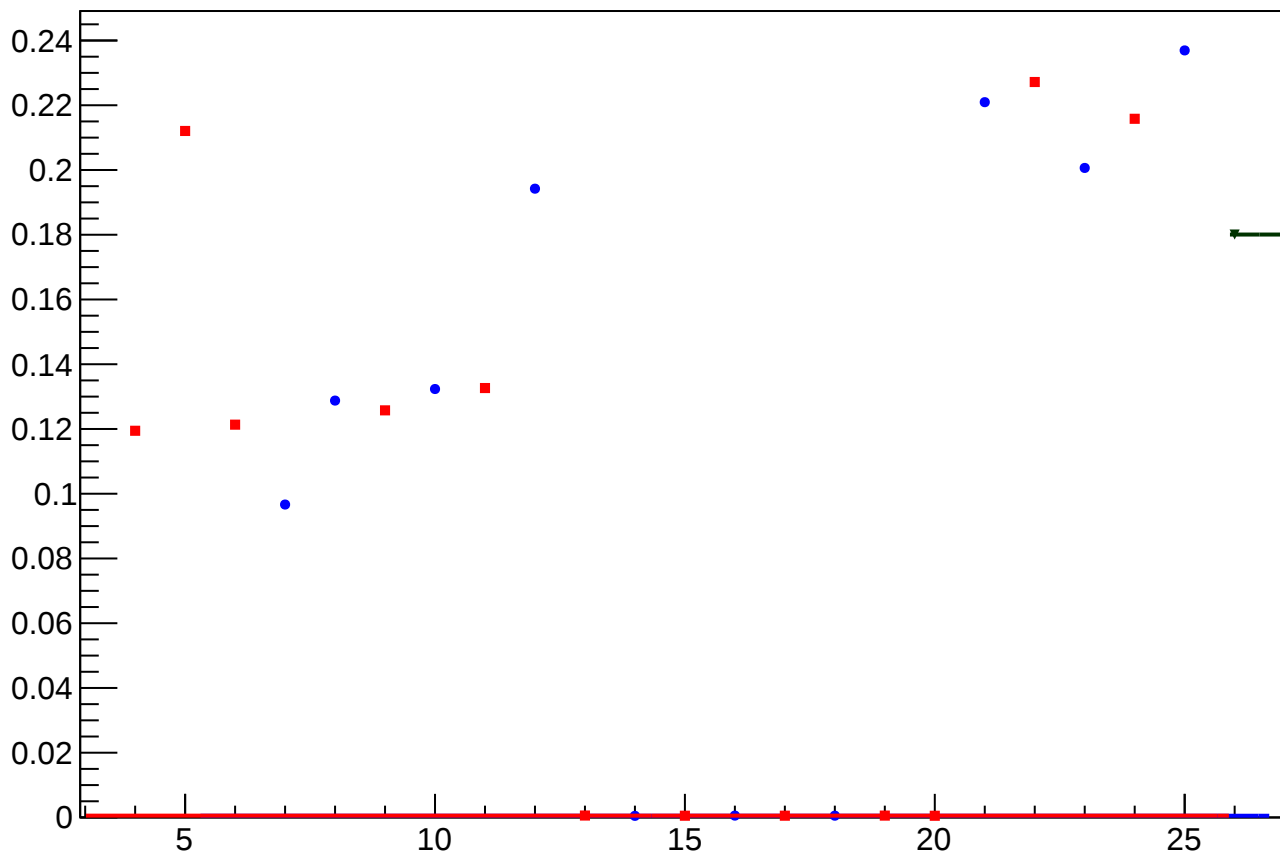
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

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

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

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

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

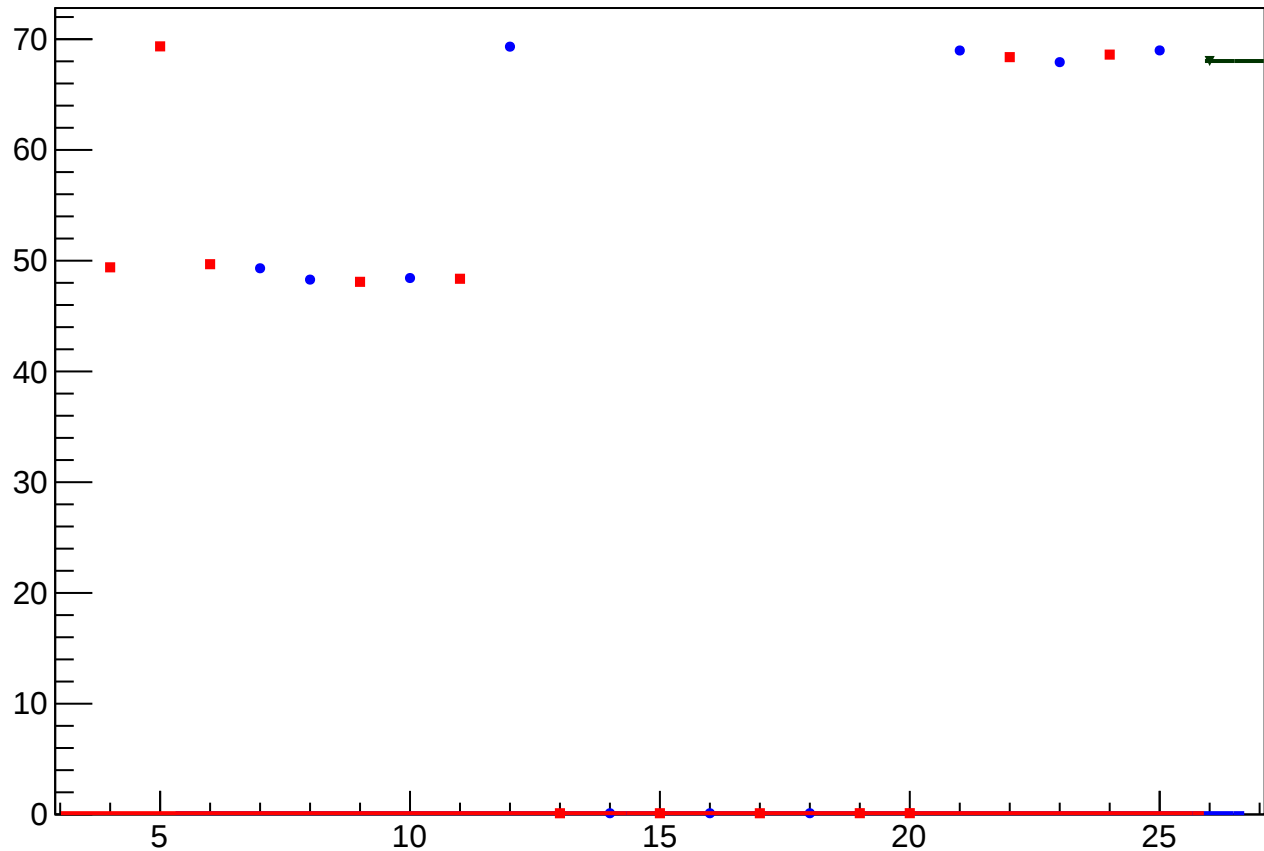
Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

Left In: 0.180+/-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 : 6741519.4/11

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

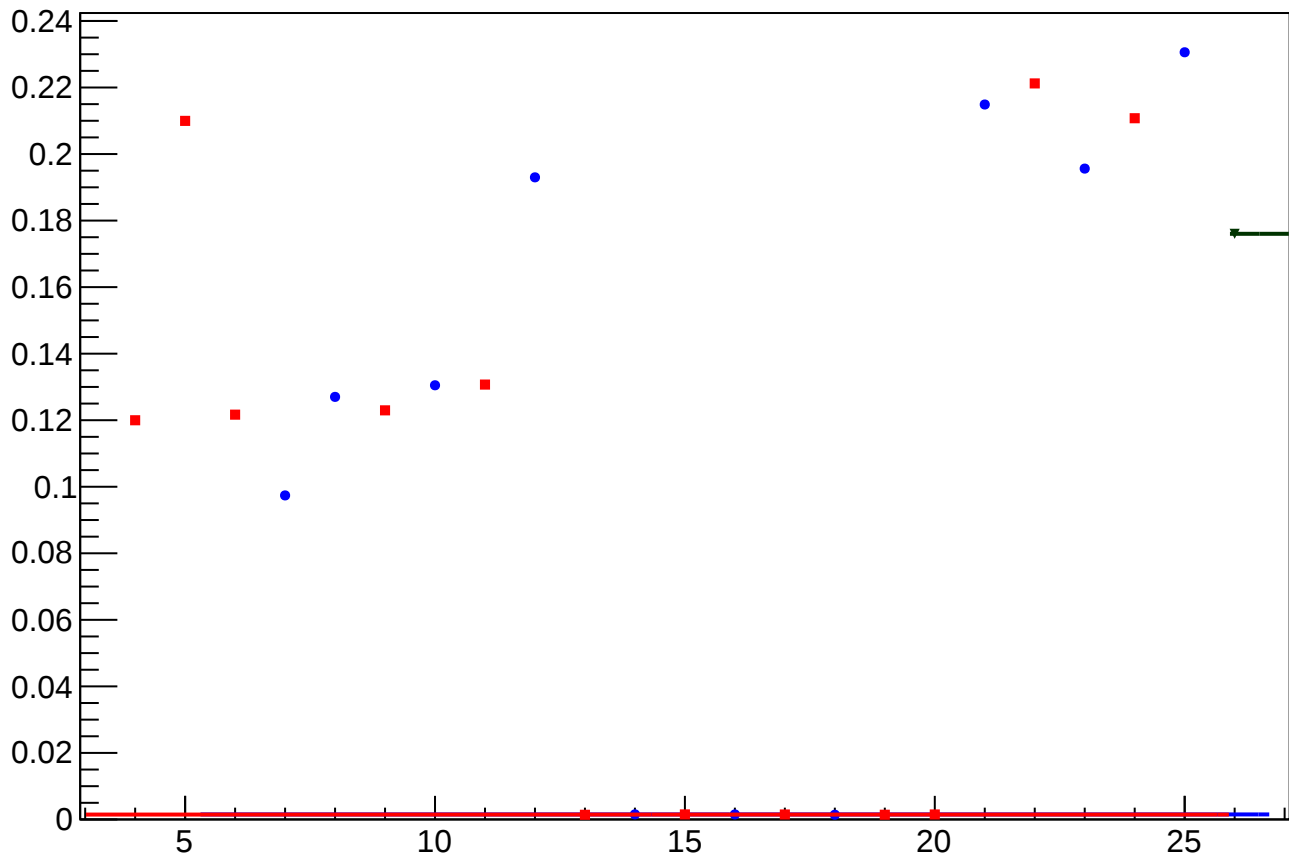
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

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

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

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

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

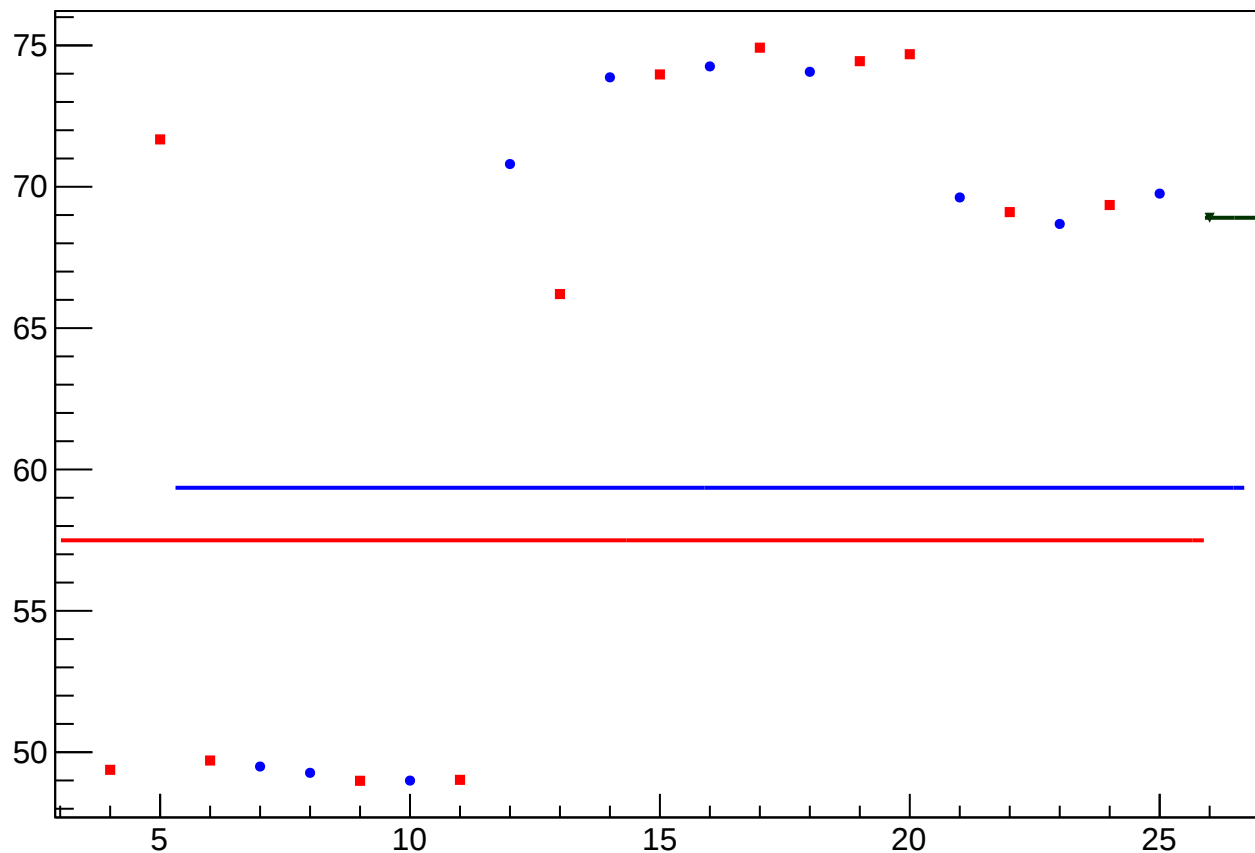
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 6649150.6/11

Left In: 0.176 $\pm$ 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: 6649150.6/11

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

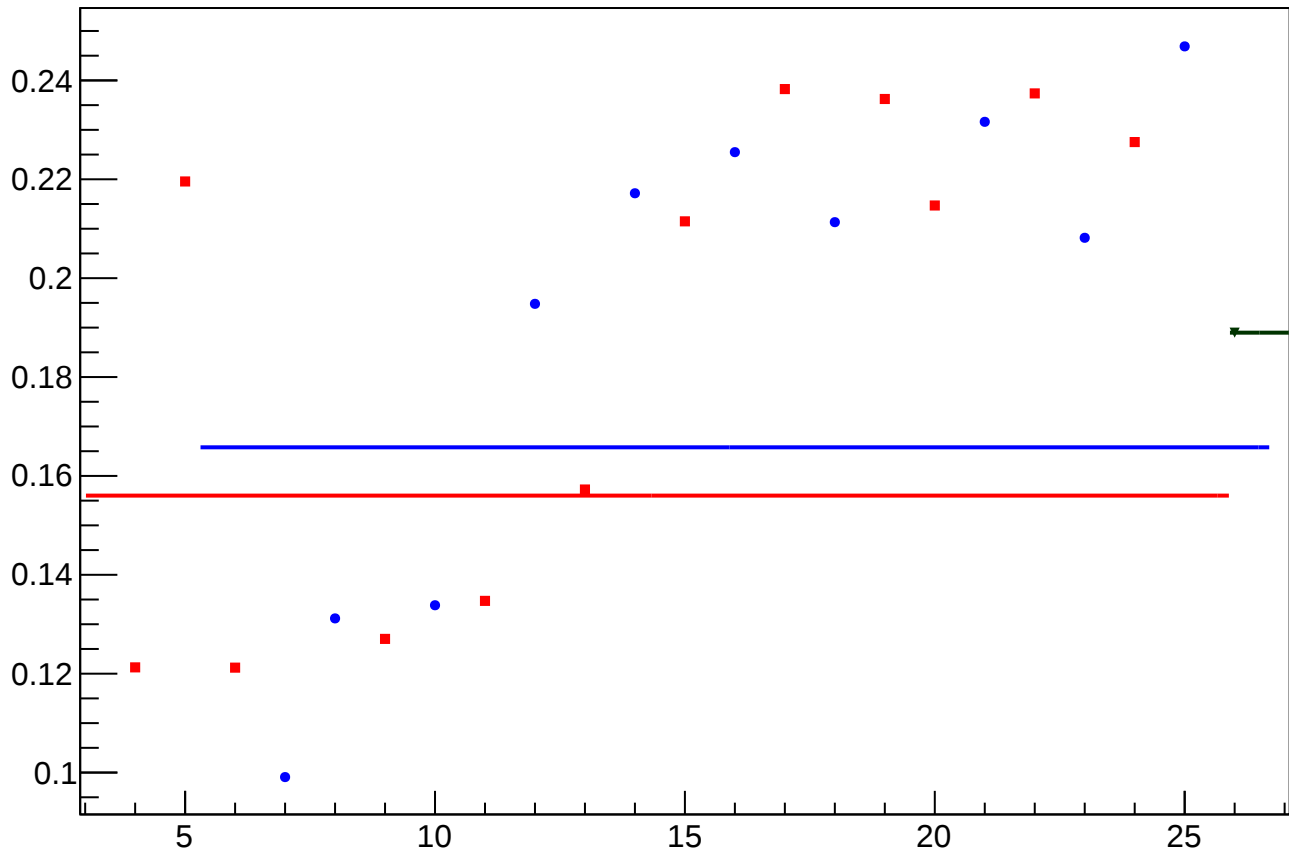
Right Out: 57.494+/-0.000 χ^2/NDF : 25320800059.8/11

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

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

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

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

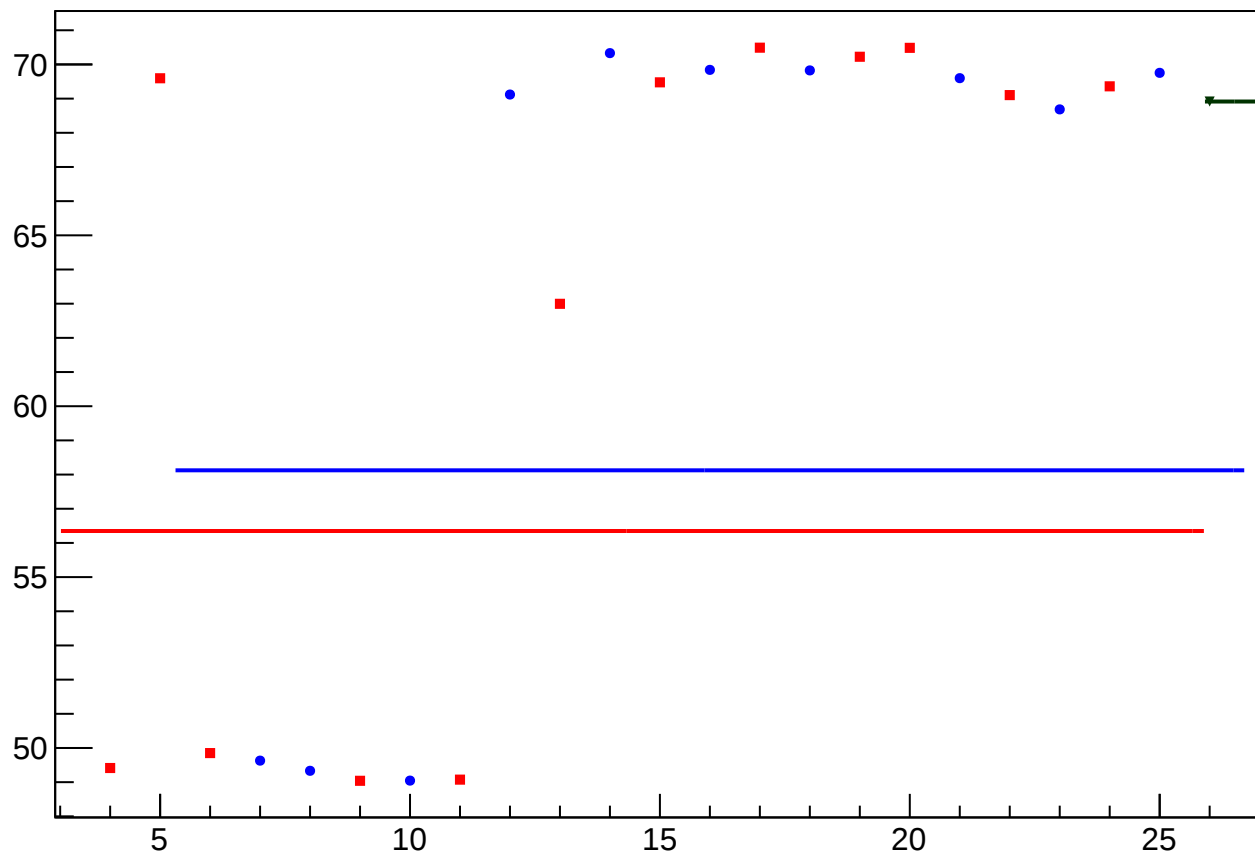
Right Out: 0.156+/-0.000 χ^2/NDF : 828596.5/11

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

0.167+/-0.000 χ^2/NDF : 926609.6/10

0.156+/-0.000 χ^2/NDF : 828596.5/11

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

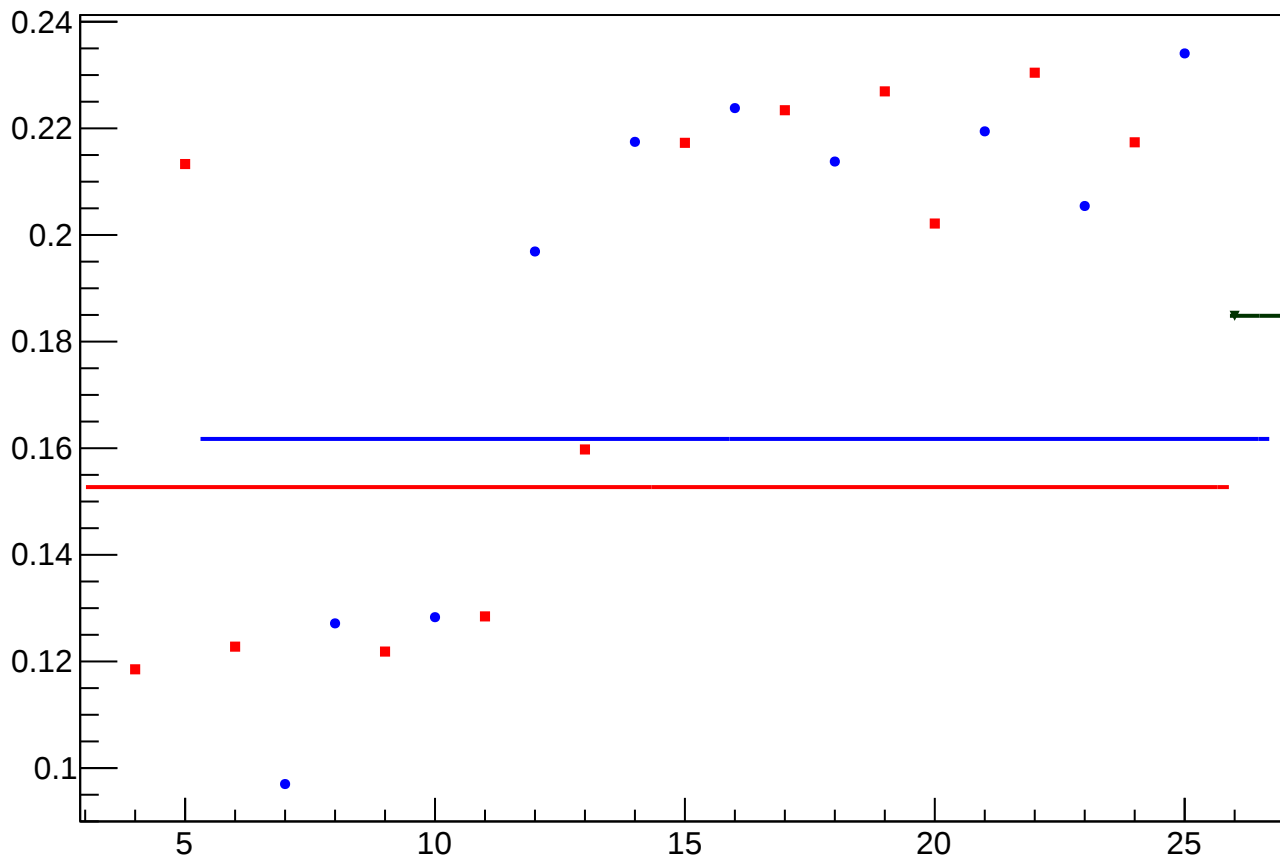
Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

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

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

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

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

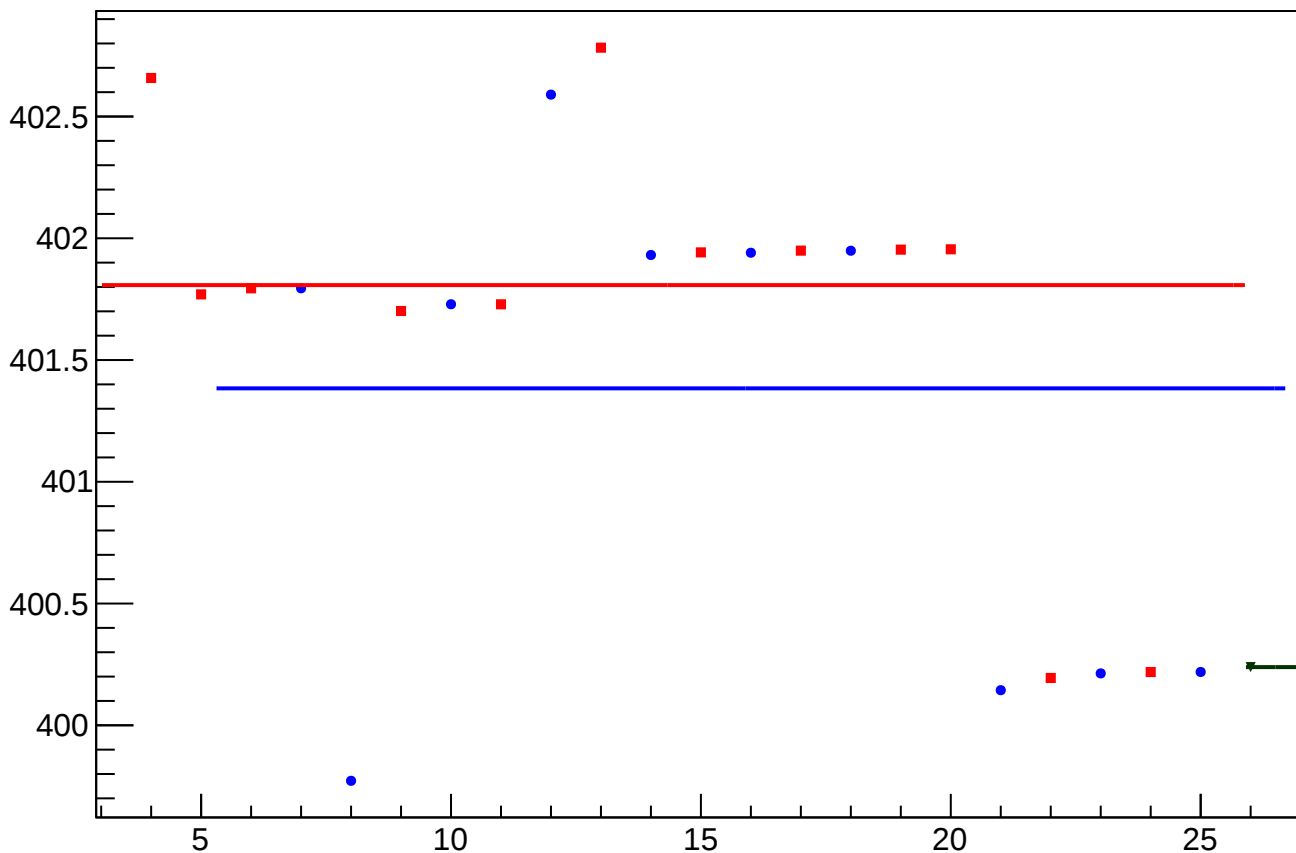
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

Left In: 0.185+/-0.000 χ^2/NDF : 0.0/0

0.163+/-0.000 χ^2/NDF : 986233.3/10

0.153+/-0.000 χ^2/NDF : 810658.6/11

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

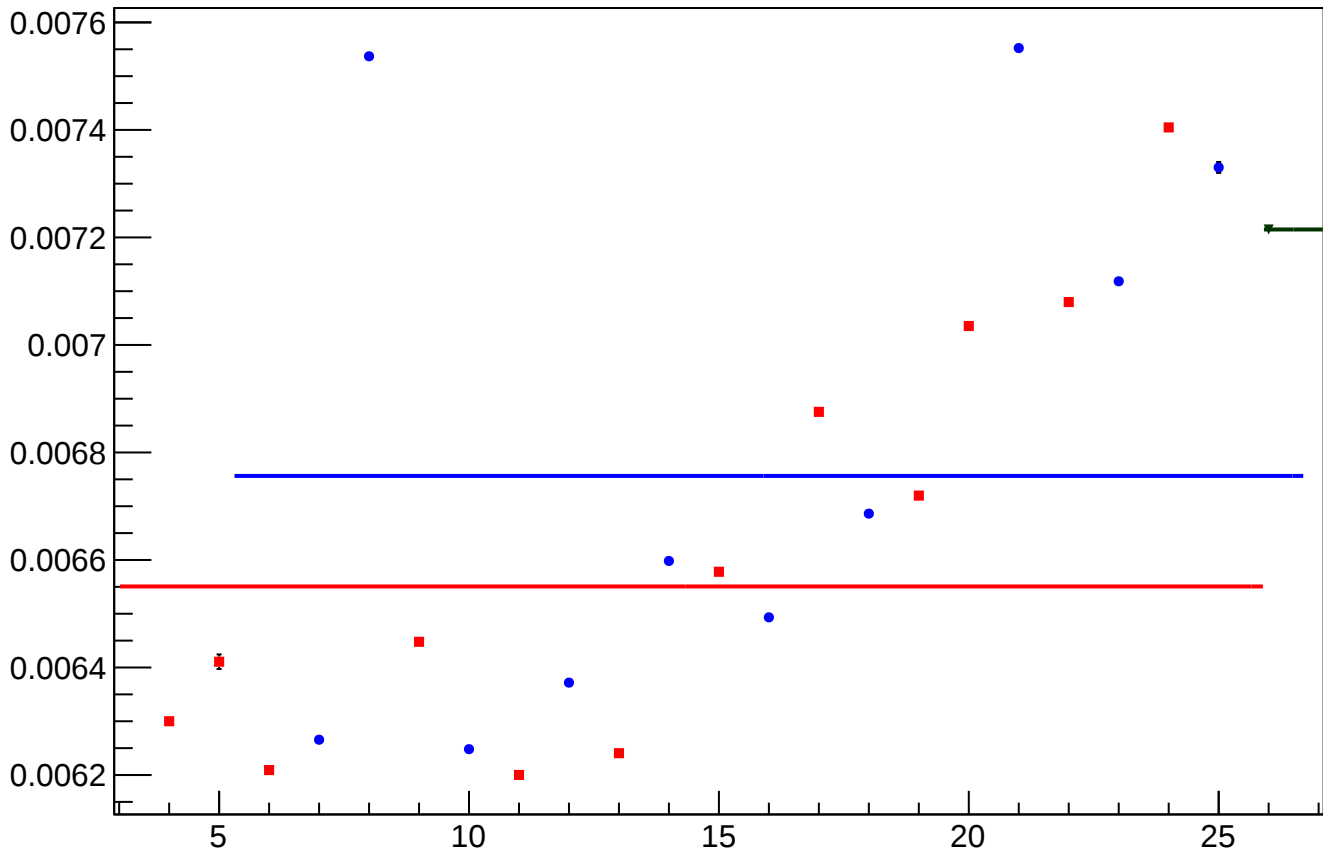
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

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

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

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

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

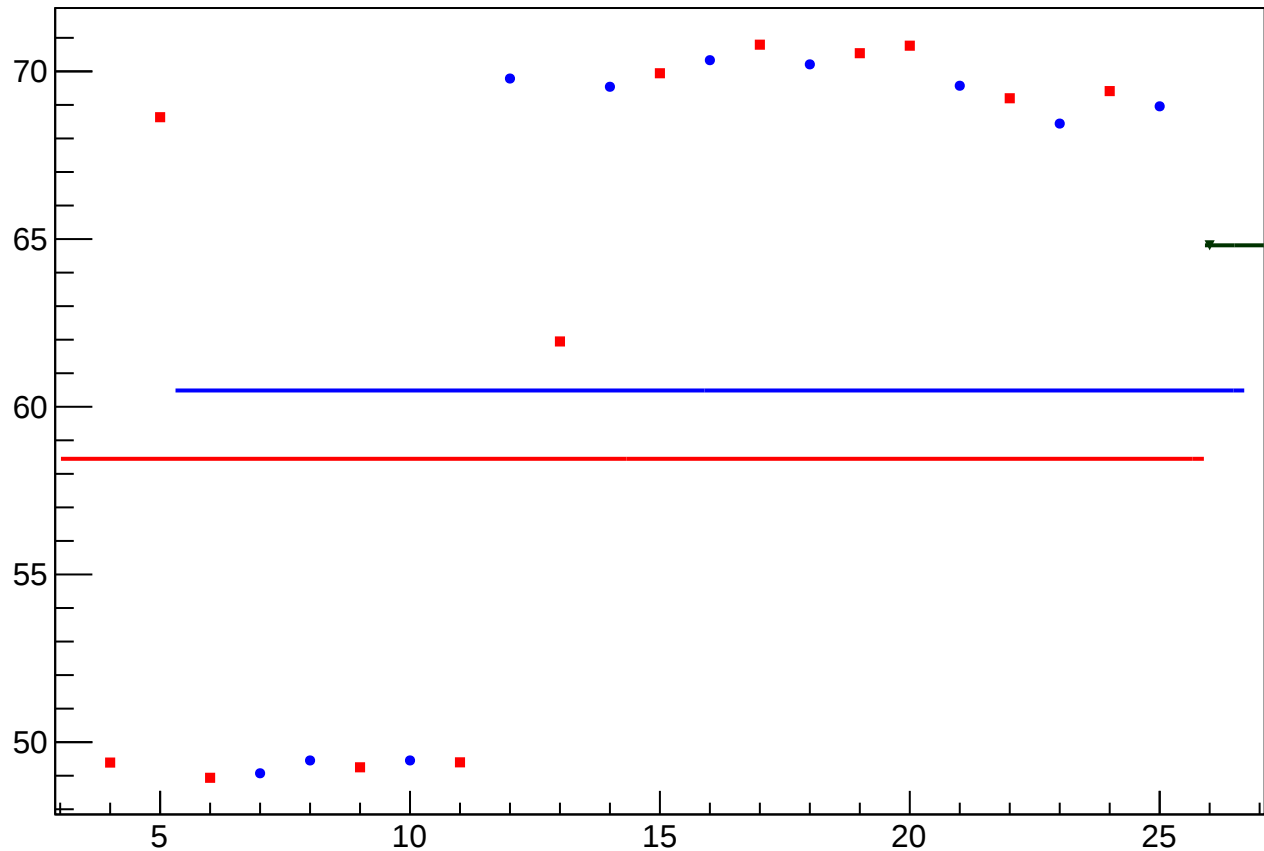
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

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

0.007+/-0.000 χ^2/NDF : 66714.5/10

0.007+/-0.000 χ^2/NDF : 42109.3/11

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

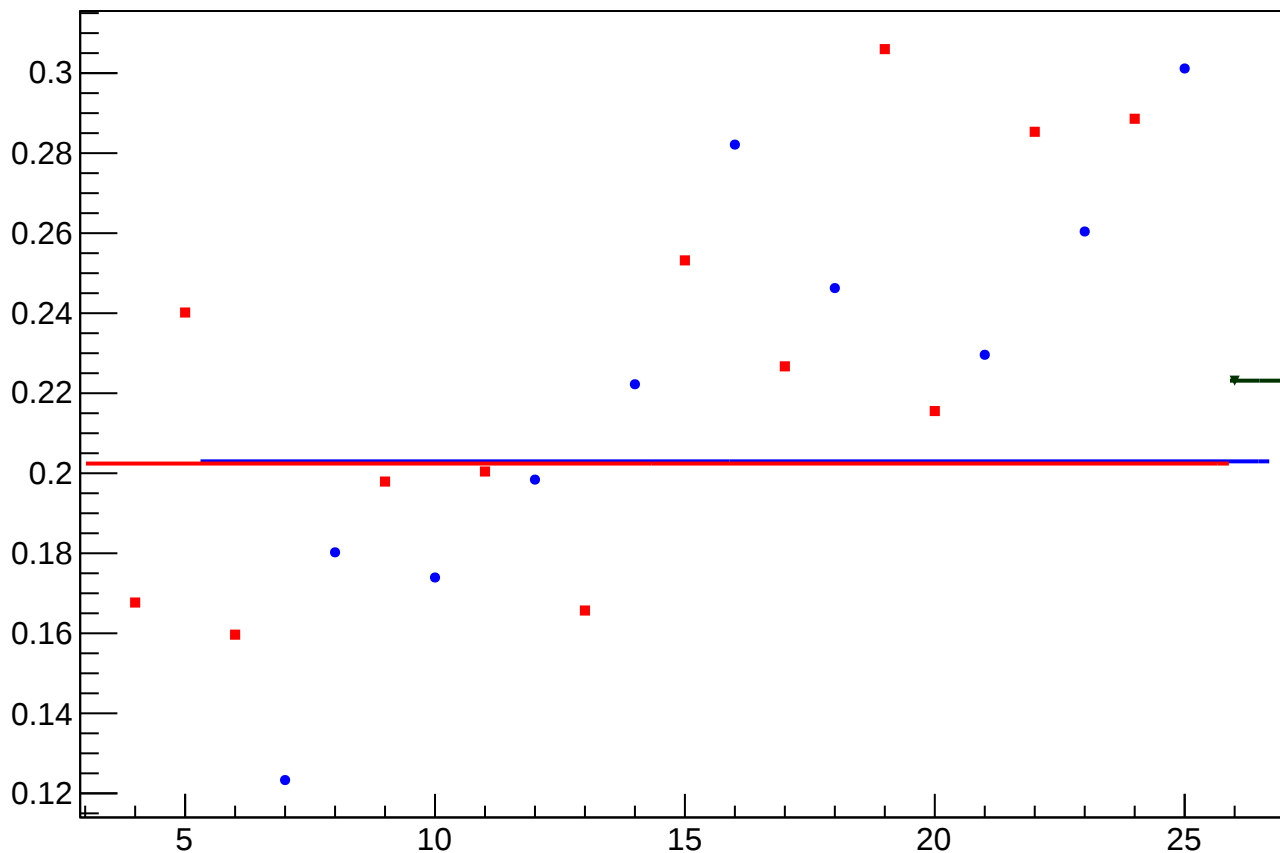
60.749+/-0.000 χ^2/NDF : 14097180680.3/10

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

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

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

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

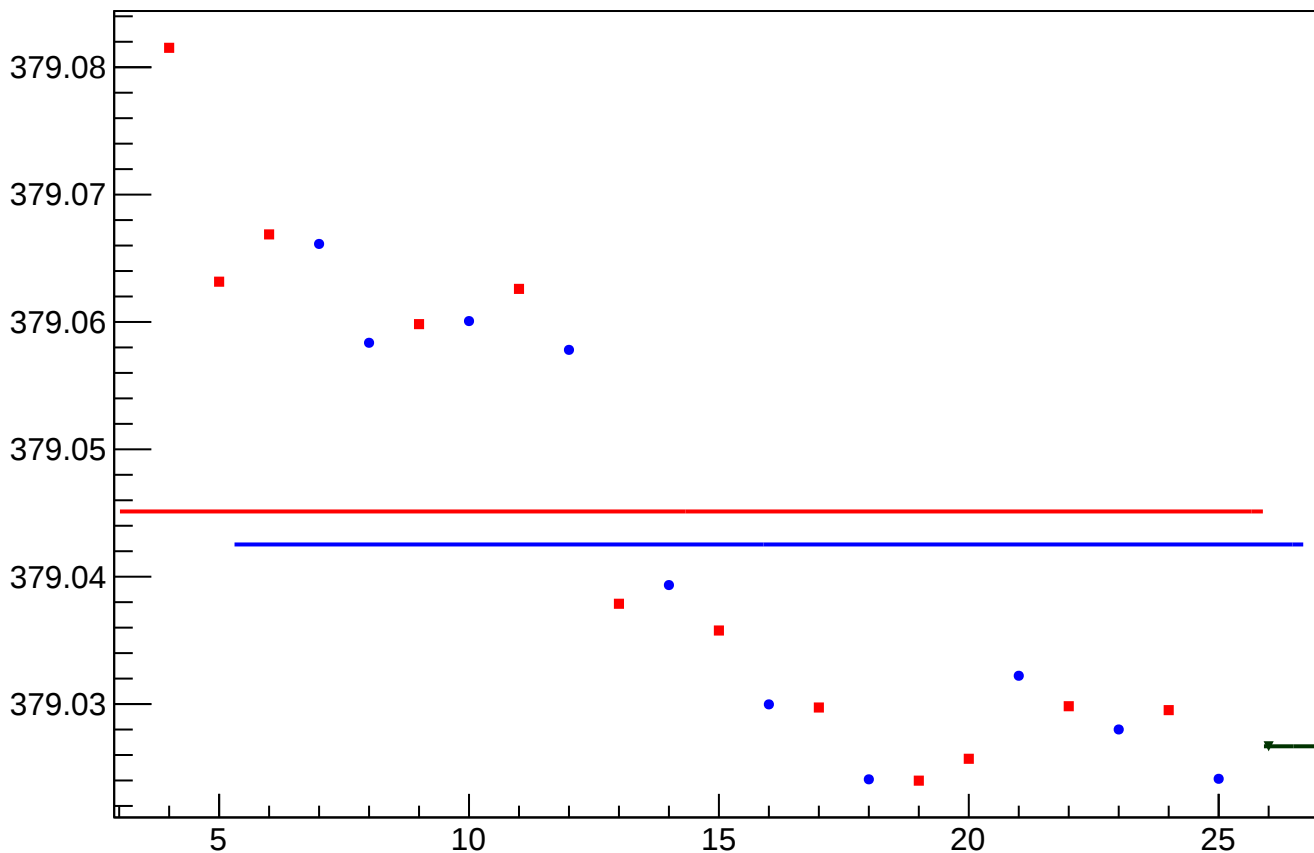
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.223+/-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 : 477643.7/11

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

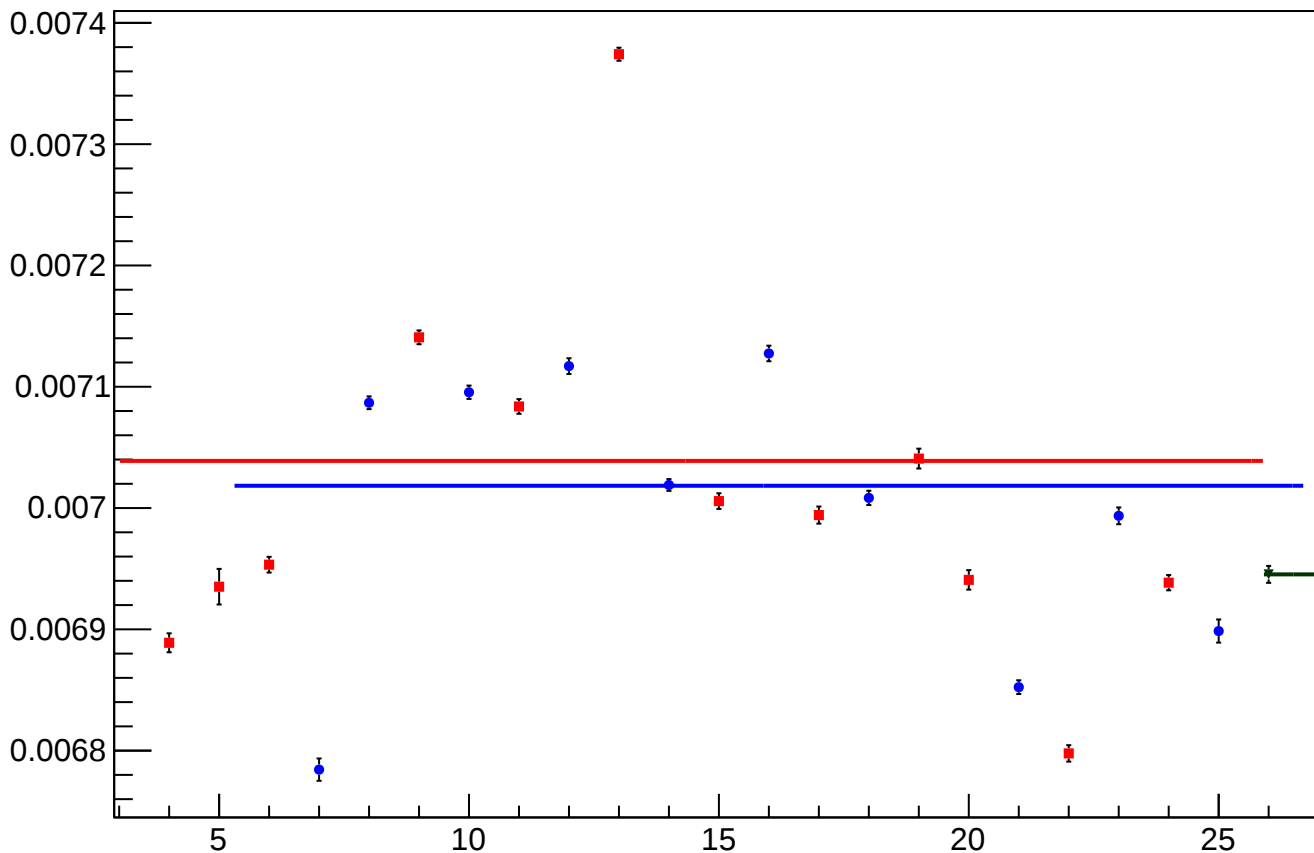
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

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

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

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

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

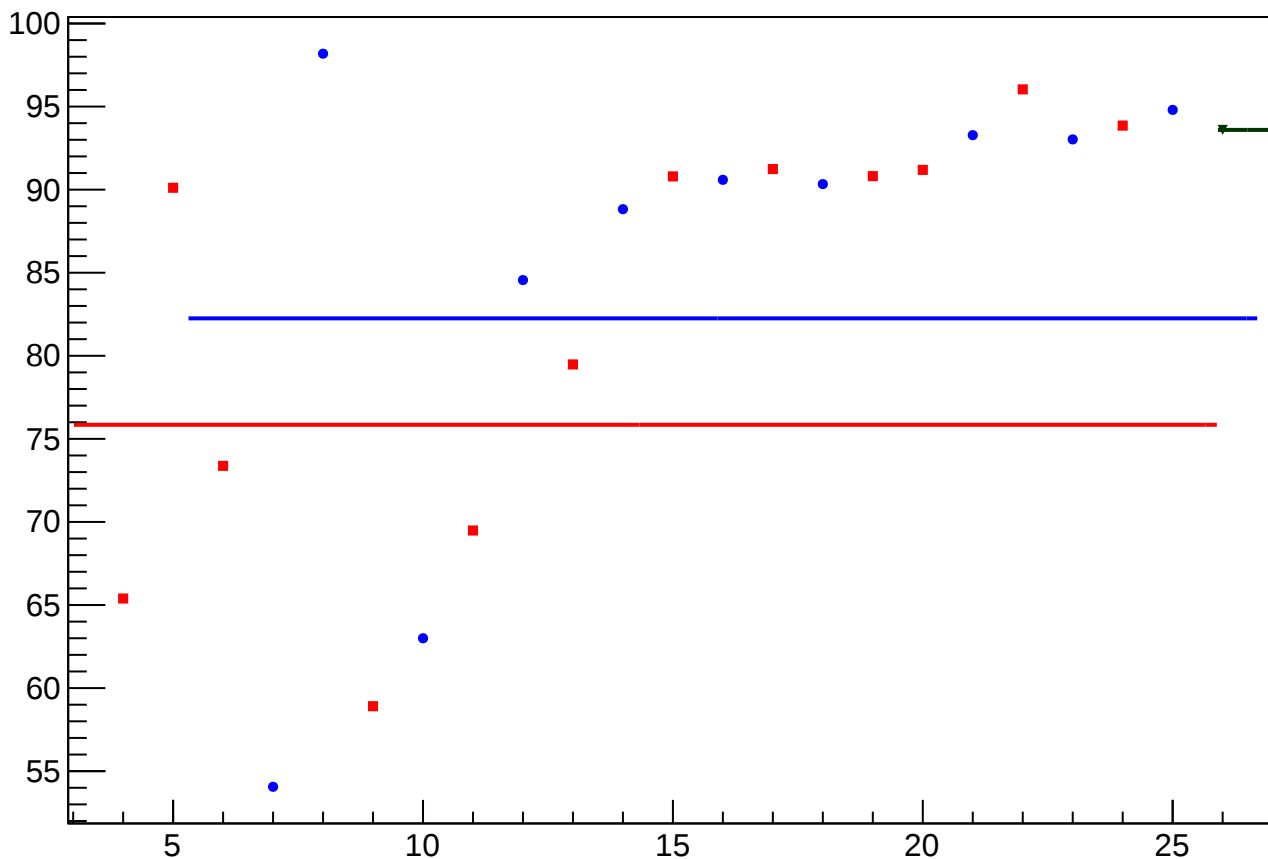
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

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 : 6581.5/11

yield_bcm0l02_mean vs slug



Right In: 82.252 $\pm$ 0.000 χ^2 /NDF: 15262784556.8/9

Left Out: 93.595 $\pm$ 0.000 χ^2 /NDF: 0.0/0

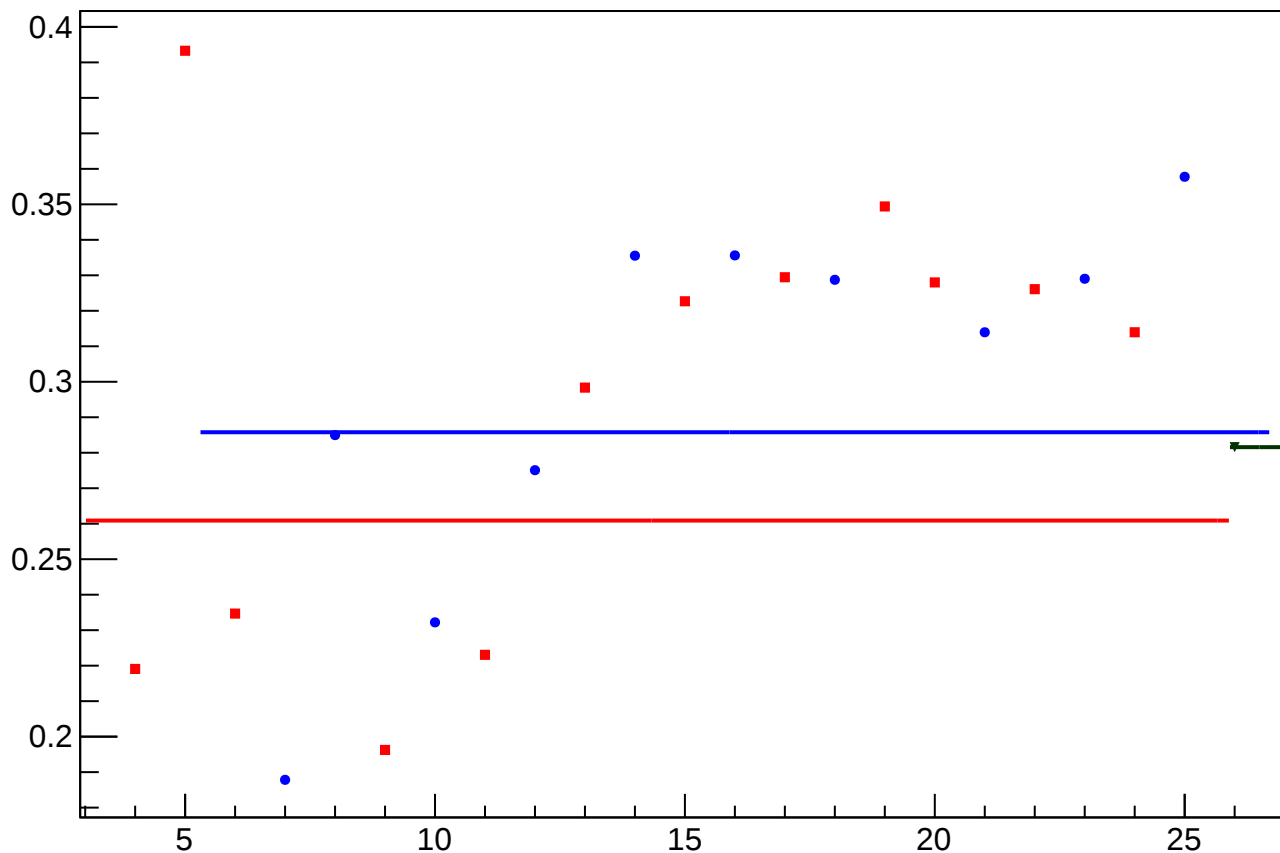
Right Out: 75.847 $\pm$ 0.000 χ^2 /NDF: 13482783083.5/11

Left In: 93.595 $\pm$ 0.000 χ^2 /NDF: 0.0/0

83.134 $\pm$ 0.000 χ^2 /NDF: 15952559732.6/10

75.847 $\pm$ 0.000 χ^2 /NDF: 13482783083.5/11

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

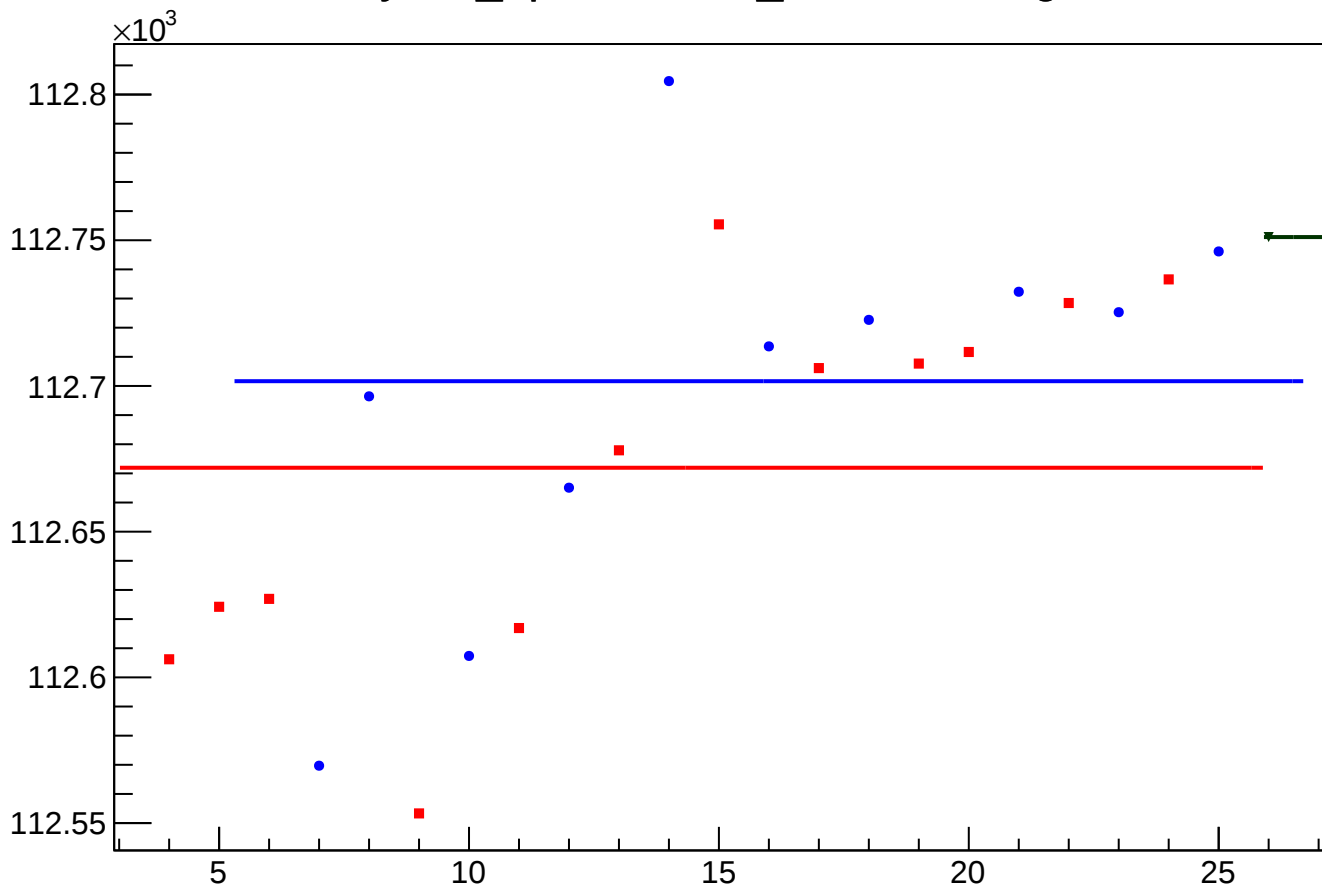
Right Out: 0.261+/-0.000 χ^2/NDF : 481520.7/11

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

0.285+/-0.000 χ^2/NDF : 344532.8/10

0.261+/-0.000 χ^2/NDF : 481520.7/11

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

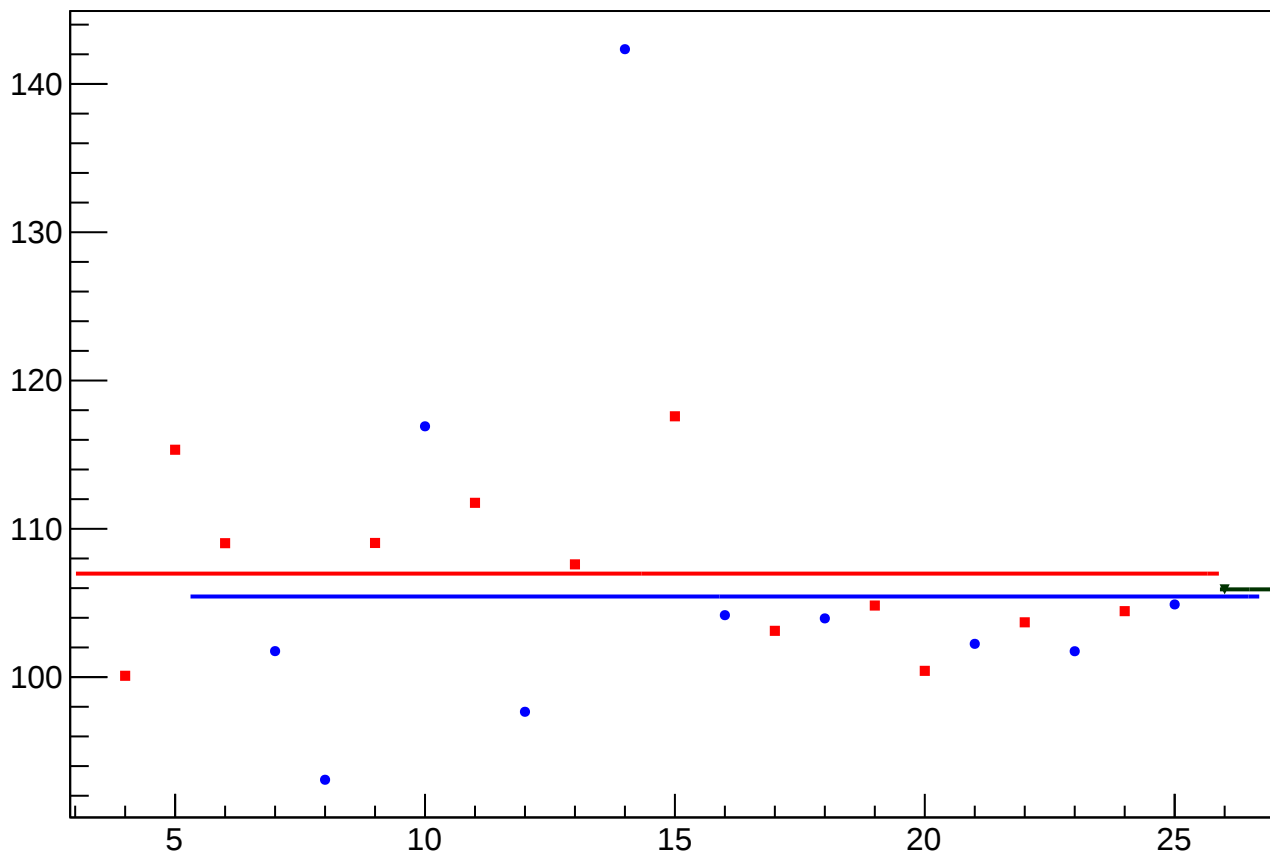
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

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

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

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

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

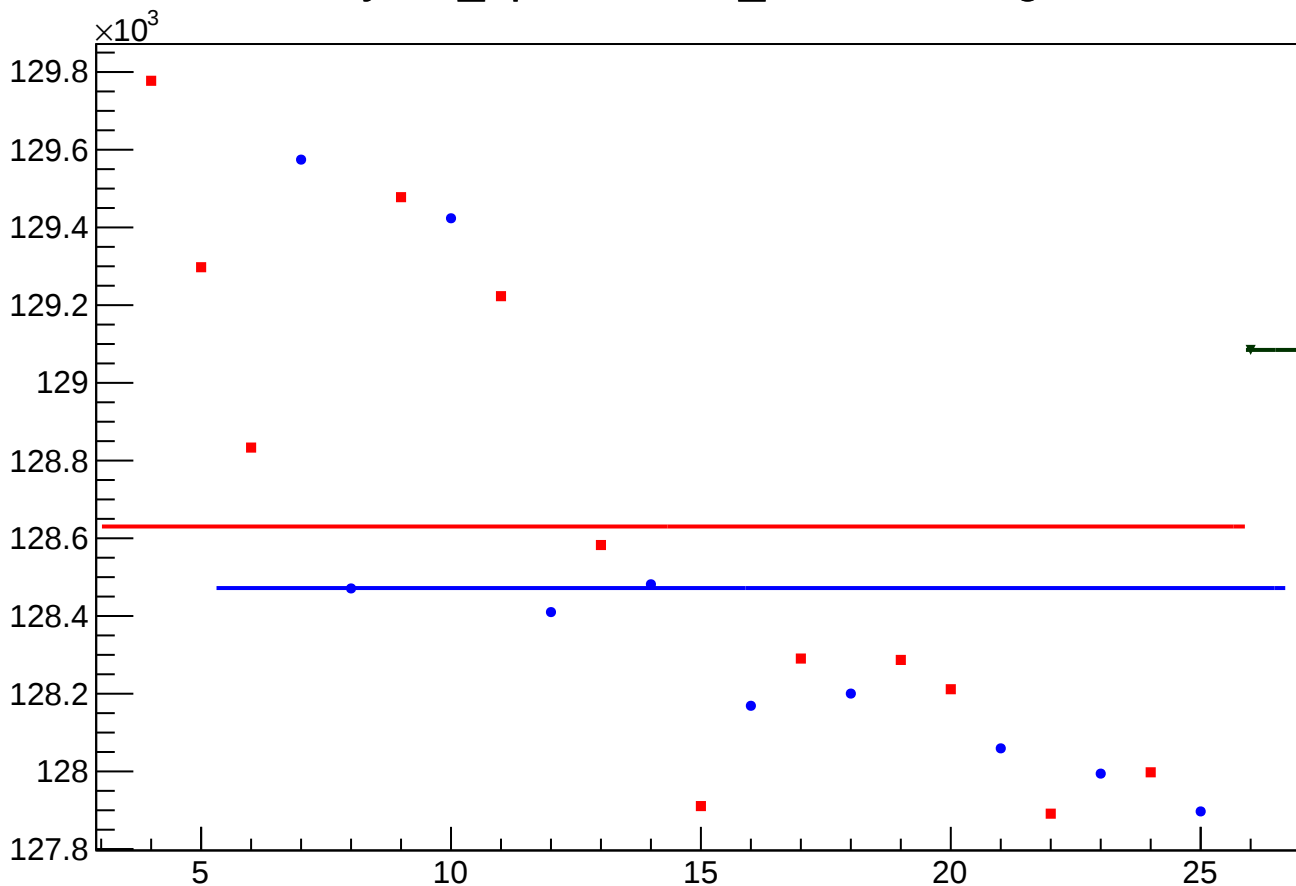
Right Out: 106.980+/-0.031 χ^2/NDF : 22698.2/11

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

105.470+/-0.029 χ^2/NDF : 188356.9/10

106.980+/-0.031 χ^2/NDF : 22698.2/11

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

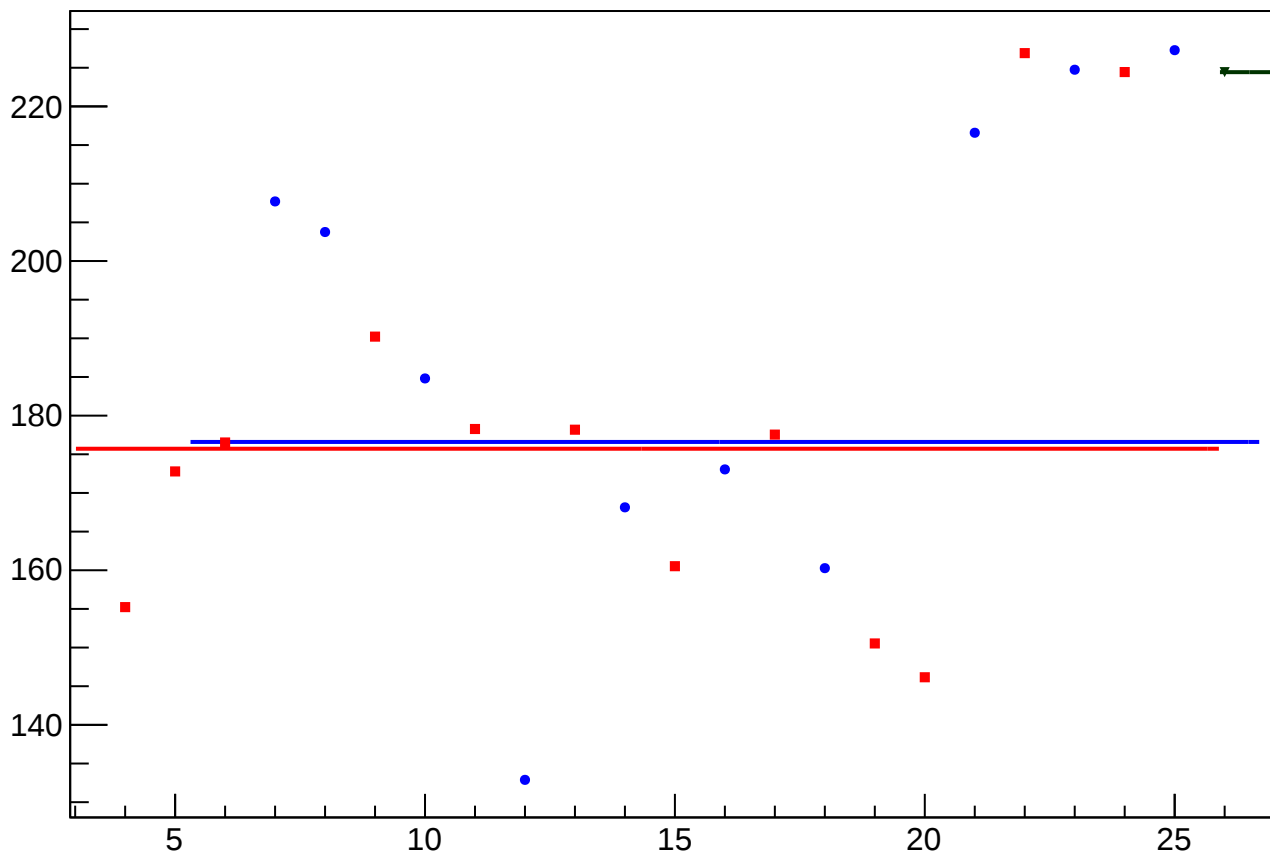
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

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

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

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

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

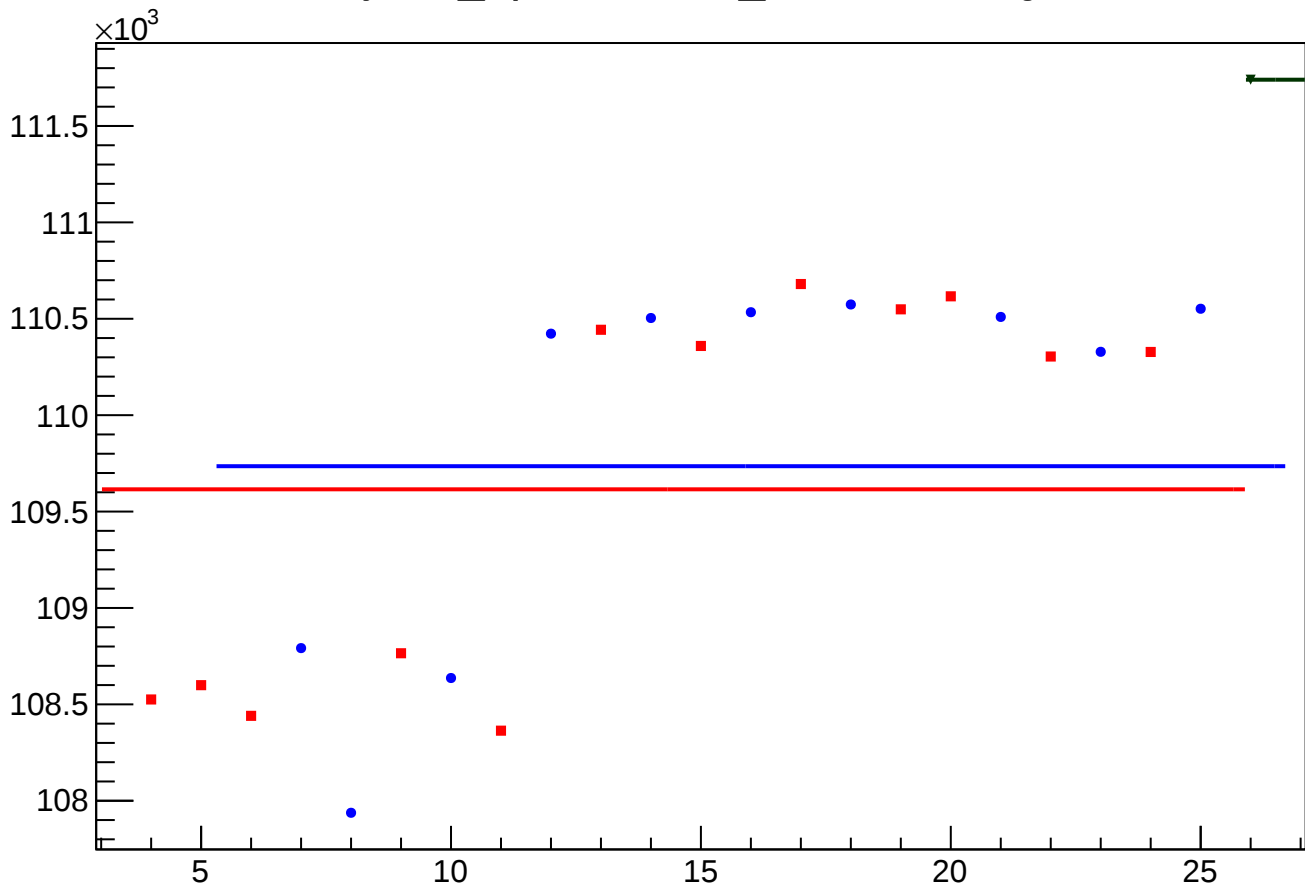
178.823 $\pm$ 0.049 χ^2 /NDF: 358961.6/10

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

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

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

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

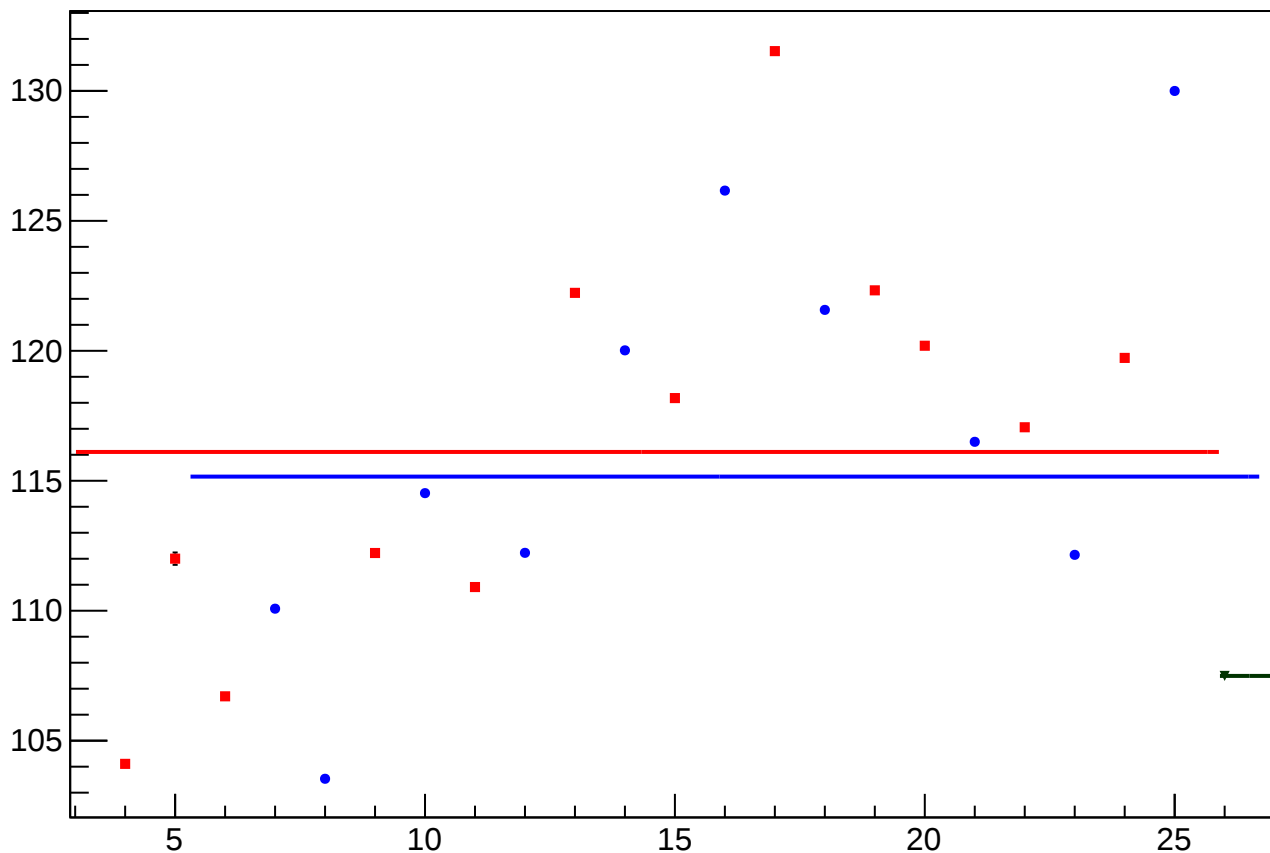
109895.882 $\pm$ 0.044 χ^2 /NDF: 691227642.4/10

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

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

Left In: 111740.041 $\pm$ 0.155 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

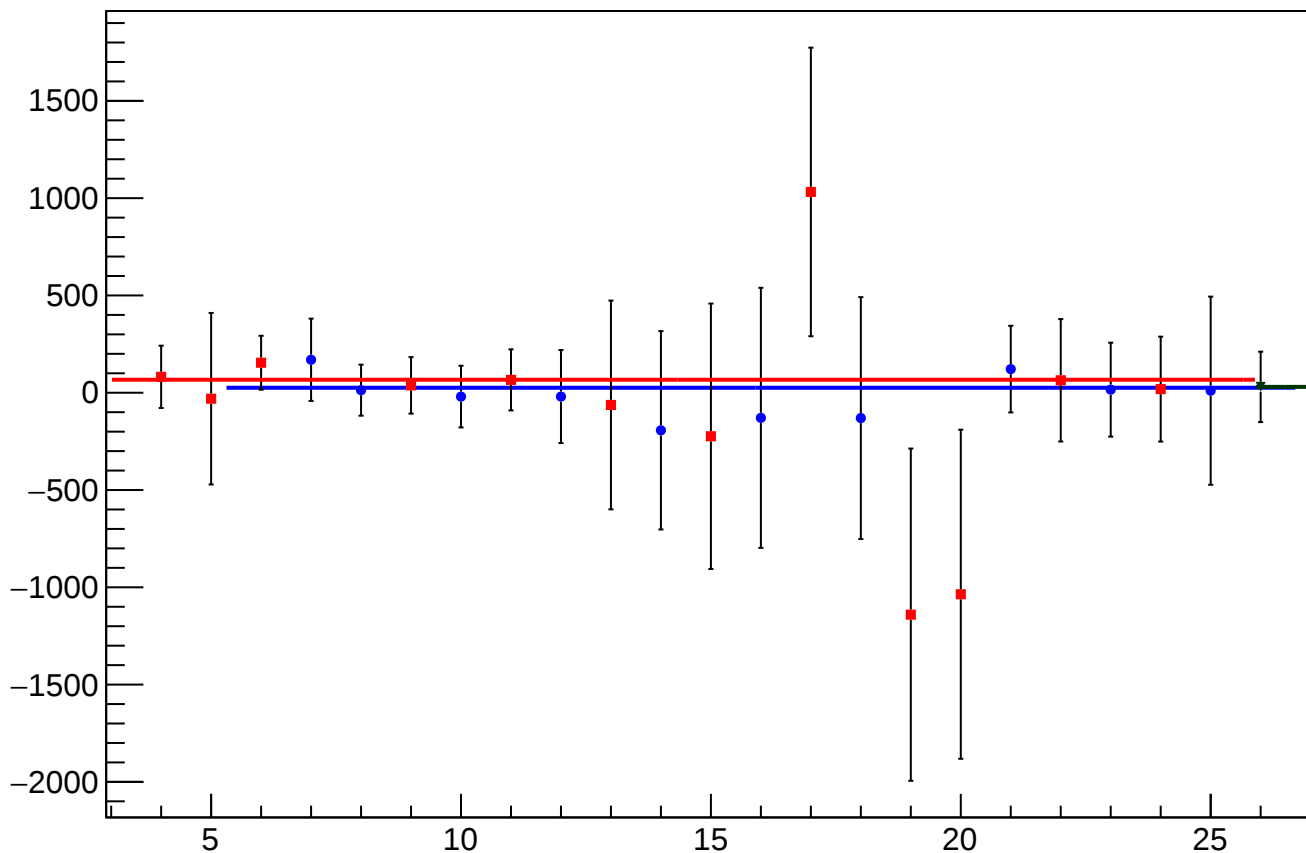
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

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

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

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

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

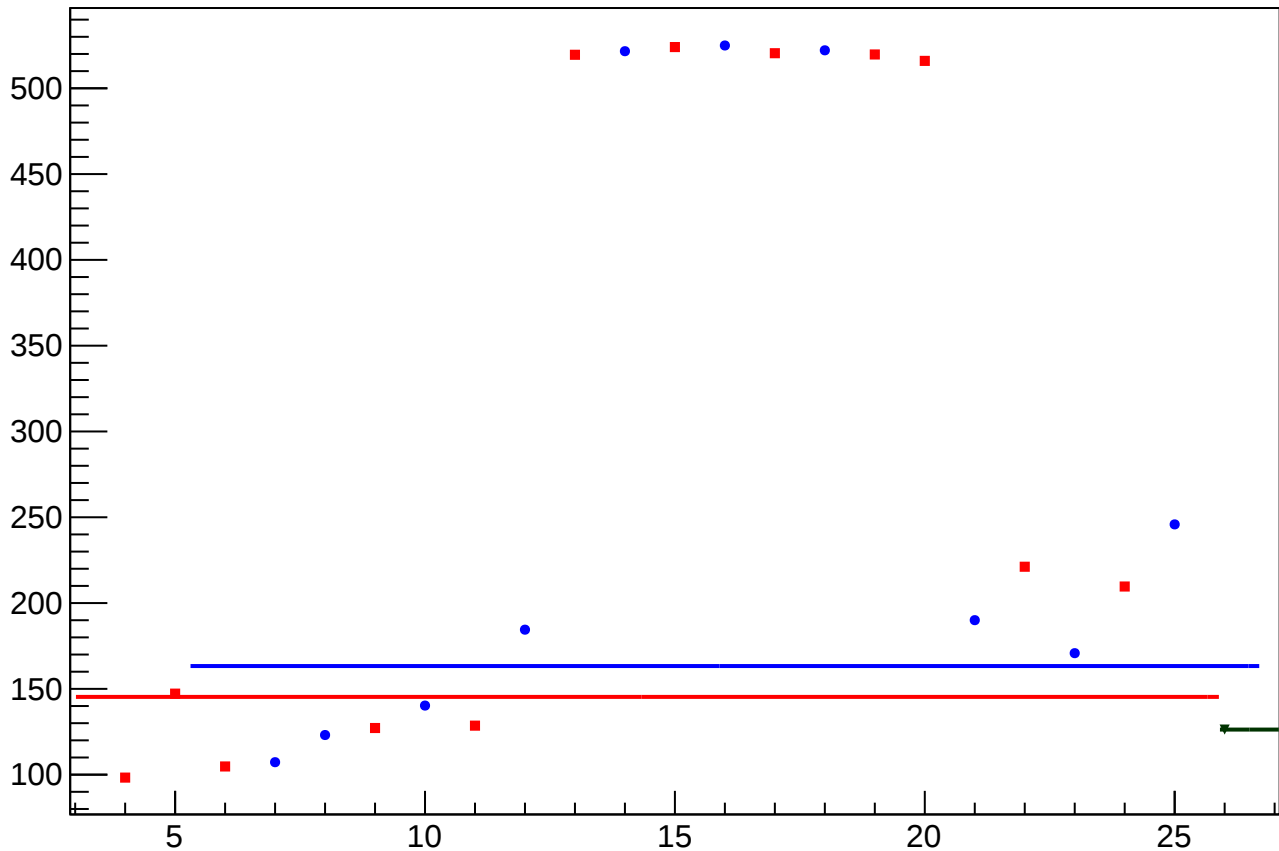
Right Out: 66.920 $\pm$ 67.669 χ^2 /NDF: 6.2/11

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

26.244 $\pm$ 67.621 χ^2 /NDF: 1.1/10

66.920 $\pm$ 67.669 χ^2 /NDF: 6.2/11

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

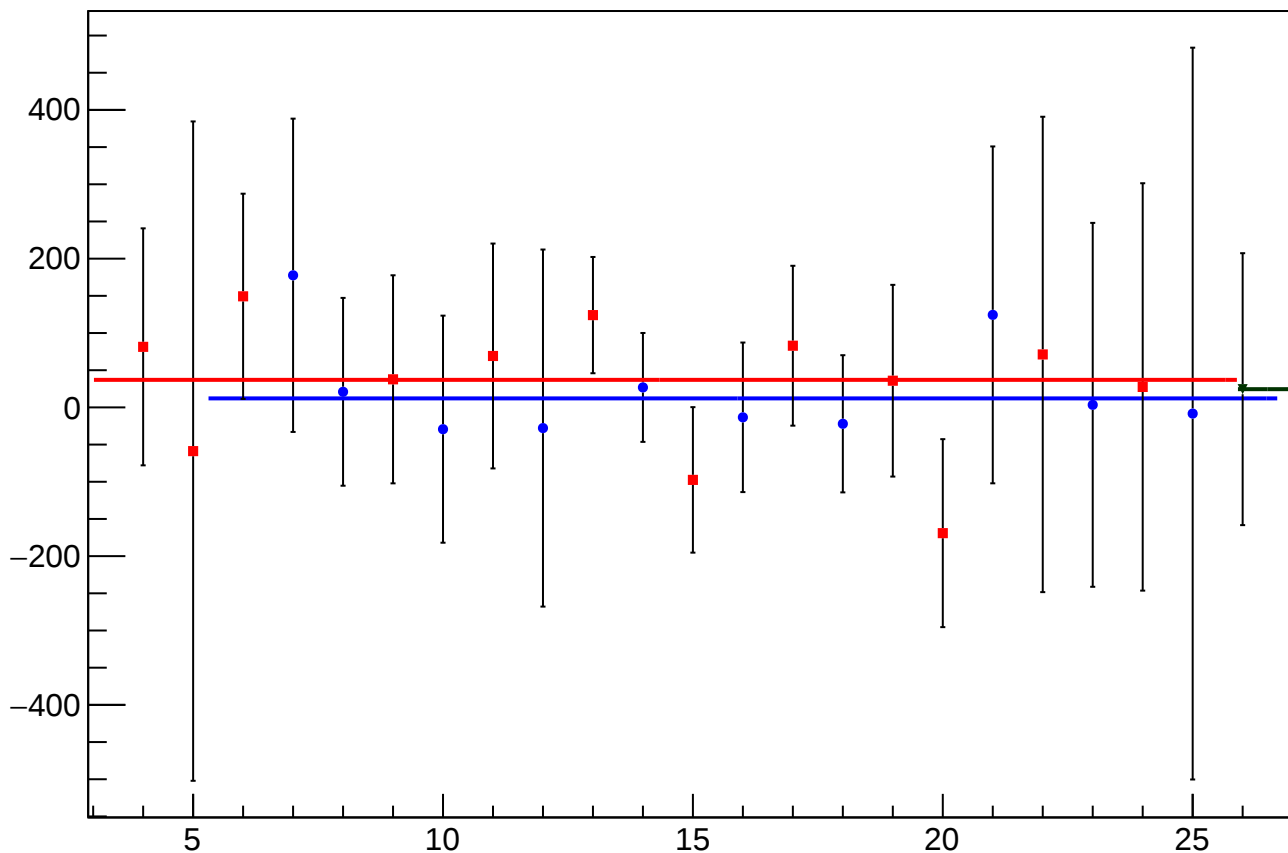
158.131+/-0.048 χ^2/NDF : 2788024.5/10

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

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

Left In: 126.276+/-0.128 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

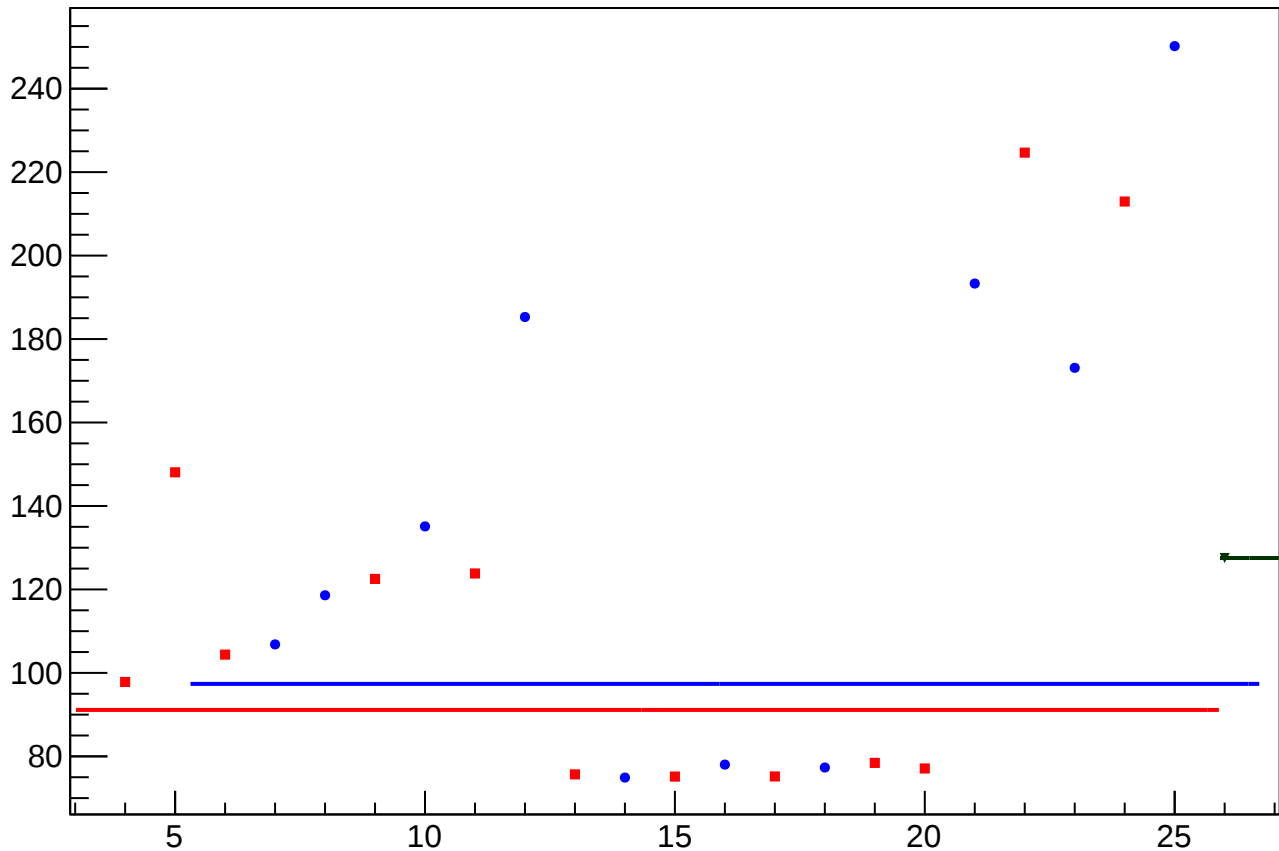
Right Out: 37.031+/-38.001 χ^2/NDF : 6.8/11

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

12.698+/-40.200 χ^2/NDF : 1.2/10

37.031+/-38.001 χ^2/NDF : 6.8/11

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

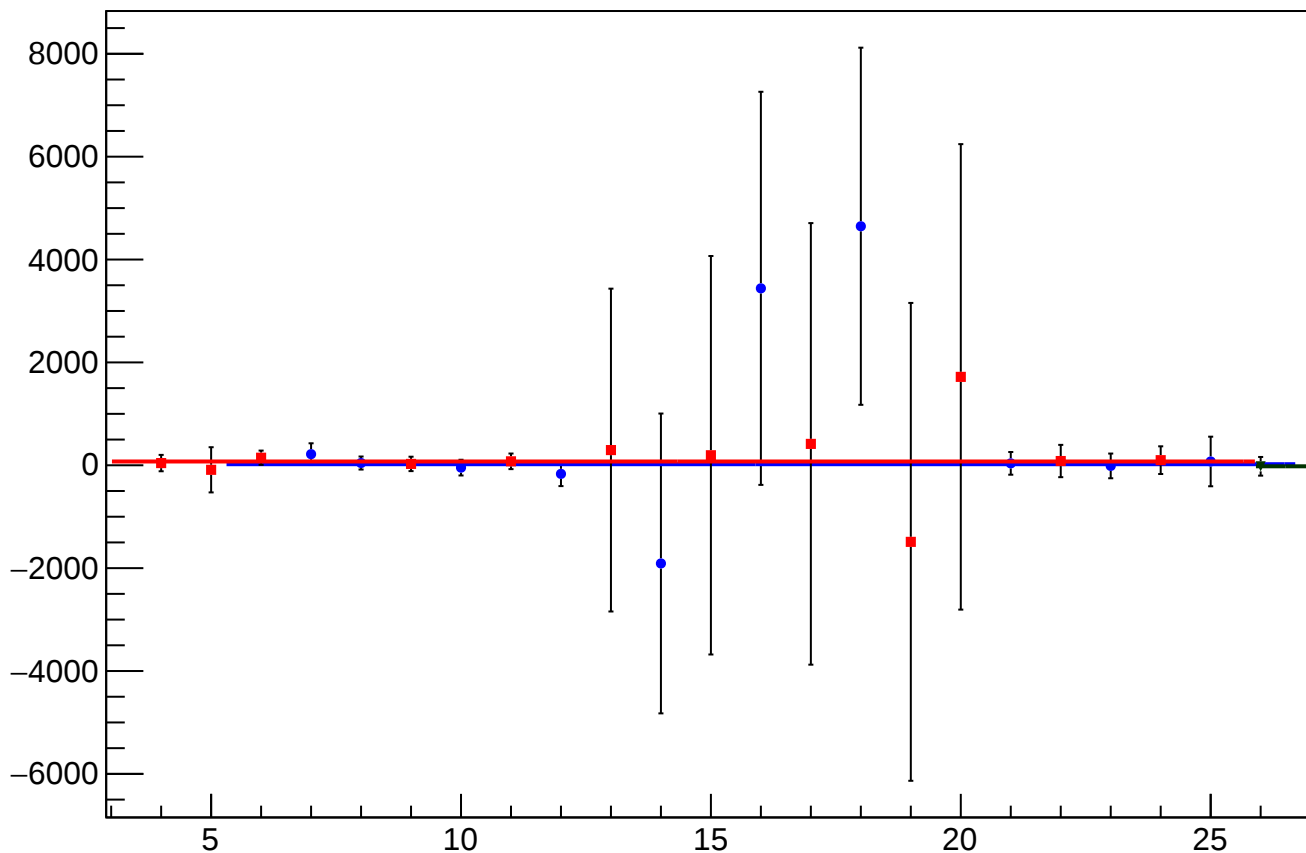
98.825+/-0.028 χ^2/NDF : 1602886.5/10

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

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

91.126+/-0.027 χ^2/NDF : 1213529.6/11

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

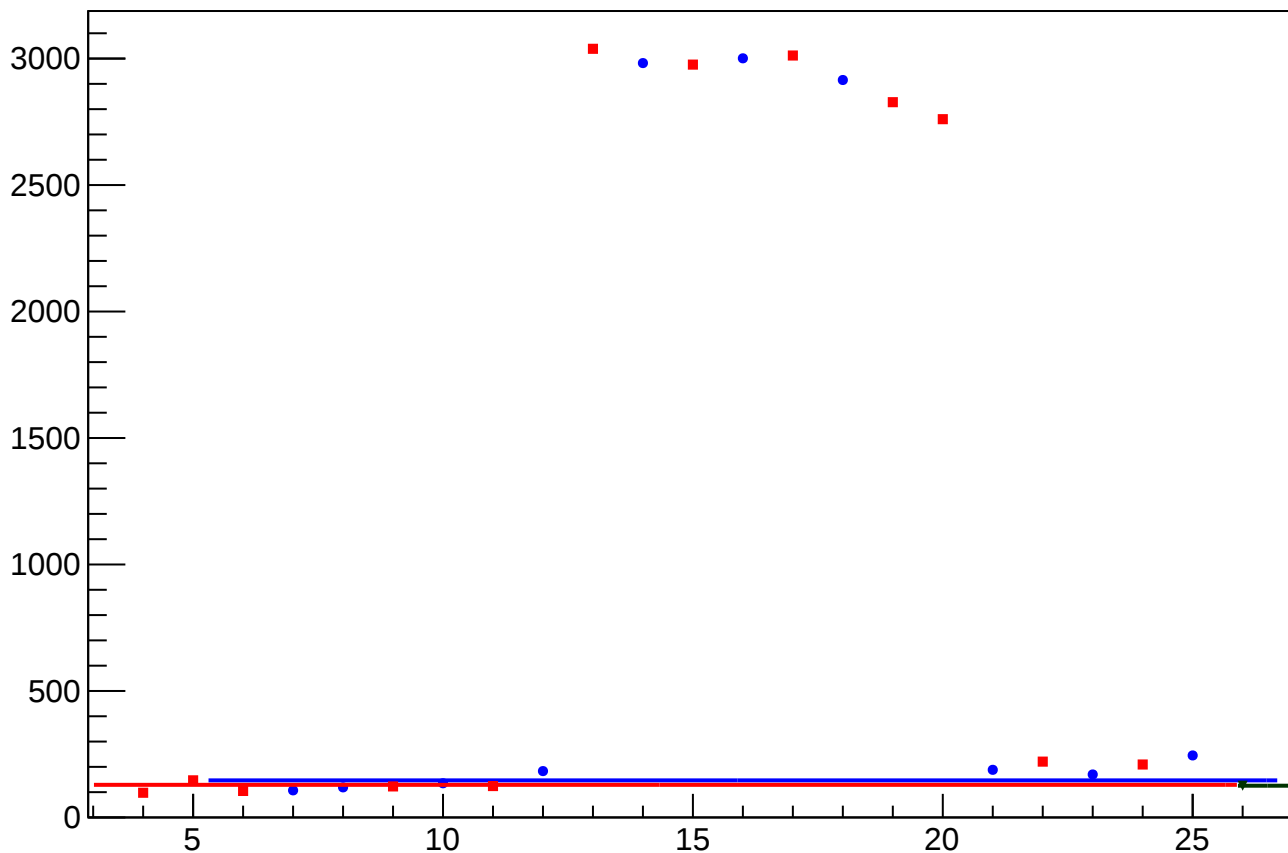
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

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

15.247+/-67.699 χ^2/NDF : 4.8/10

73.751+/-68.100 χ^2/NDF : 0.8/11

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

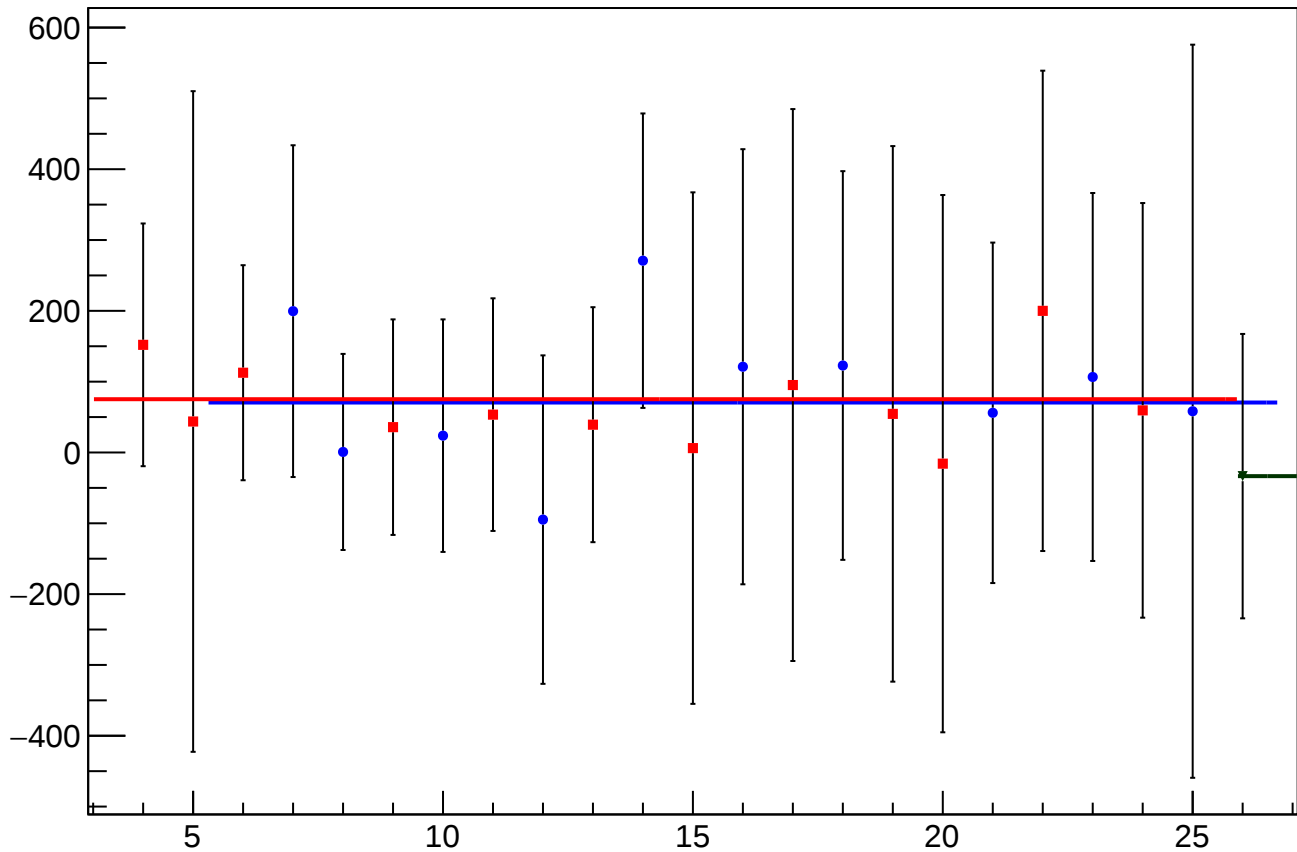
Right Out: 128.952 $\pm$ 0.048 χ^2 /NDF: 5549811.0/11

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

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

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

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

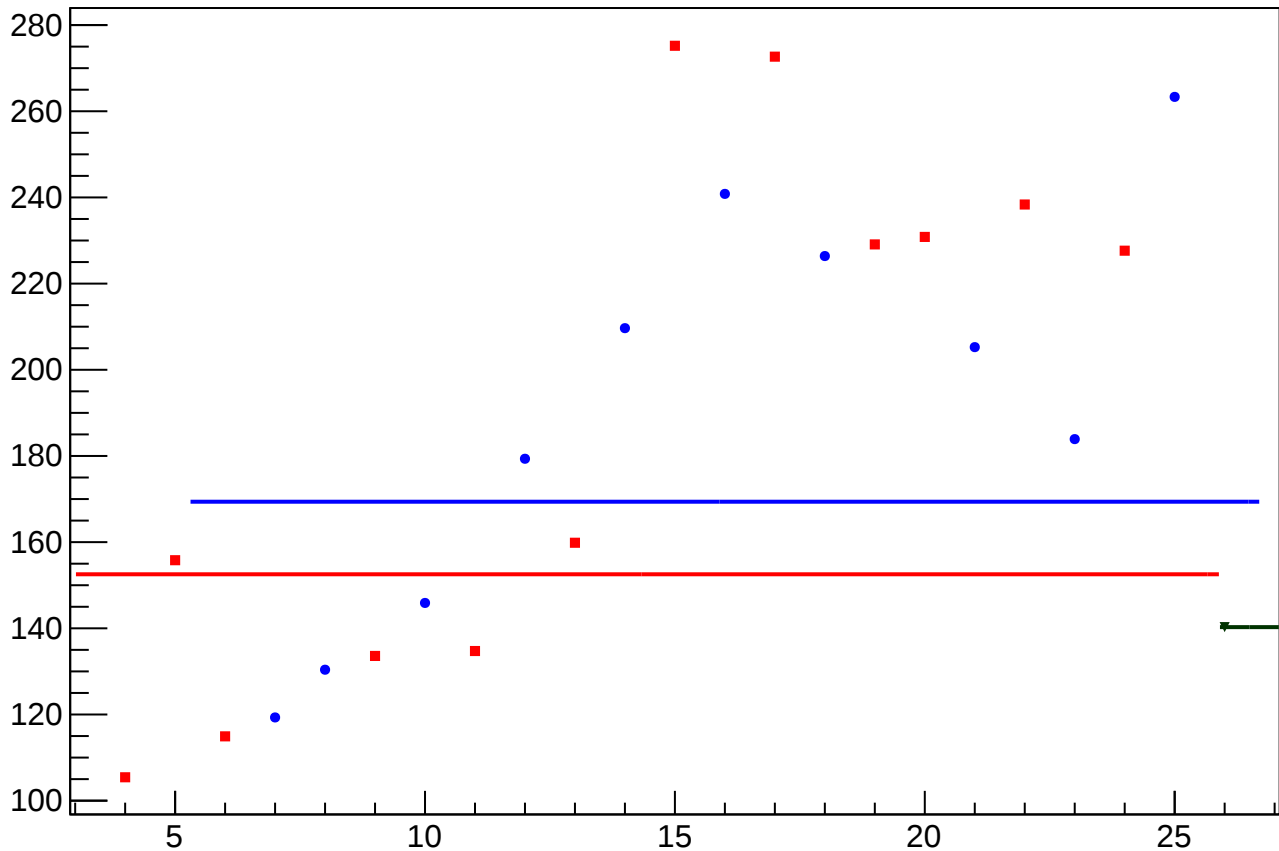
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

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

59.514+/-65.405 χ^2/NDF : 2.4/10

75.223+/-63.607 χ^2/NDF : 0.6/11

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

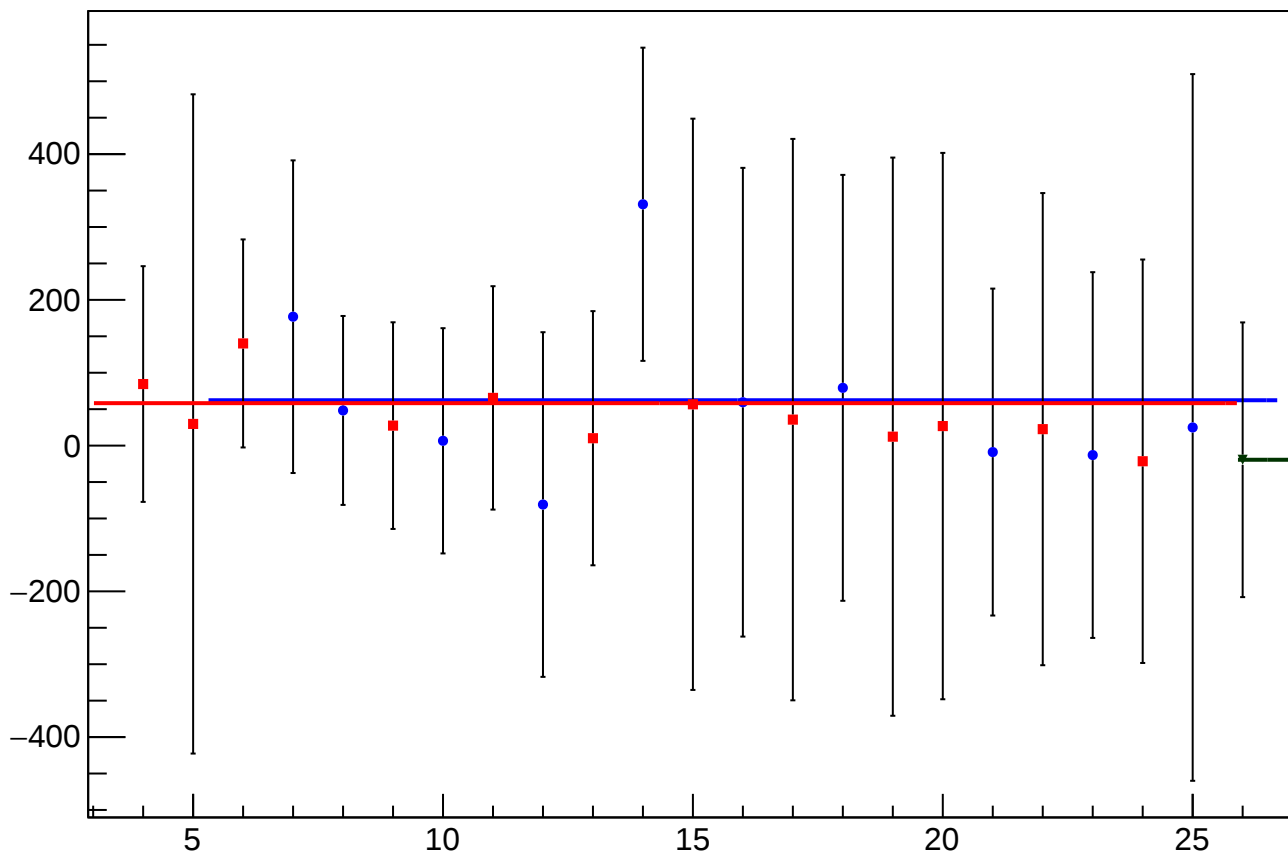
166.294+/-0.046 χ^2/NDF : 718437.9/10

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

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

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

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

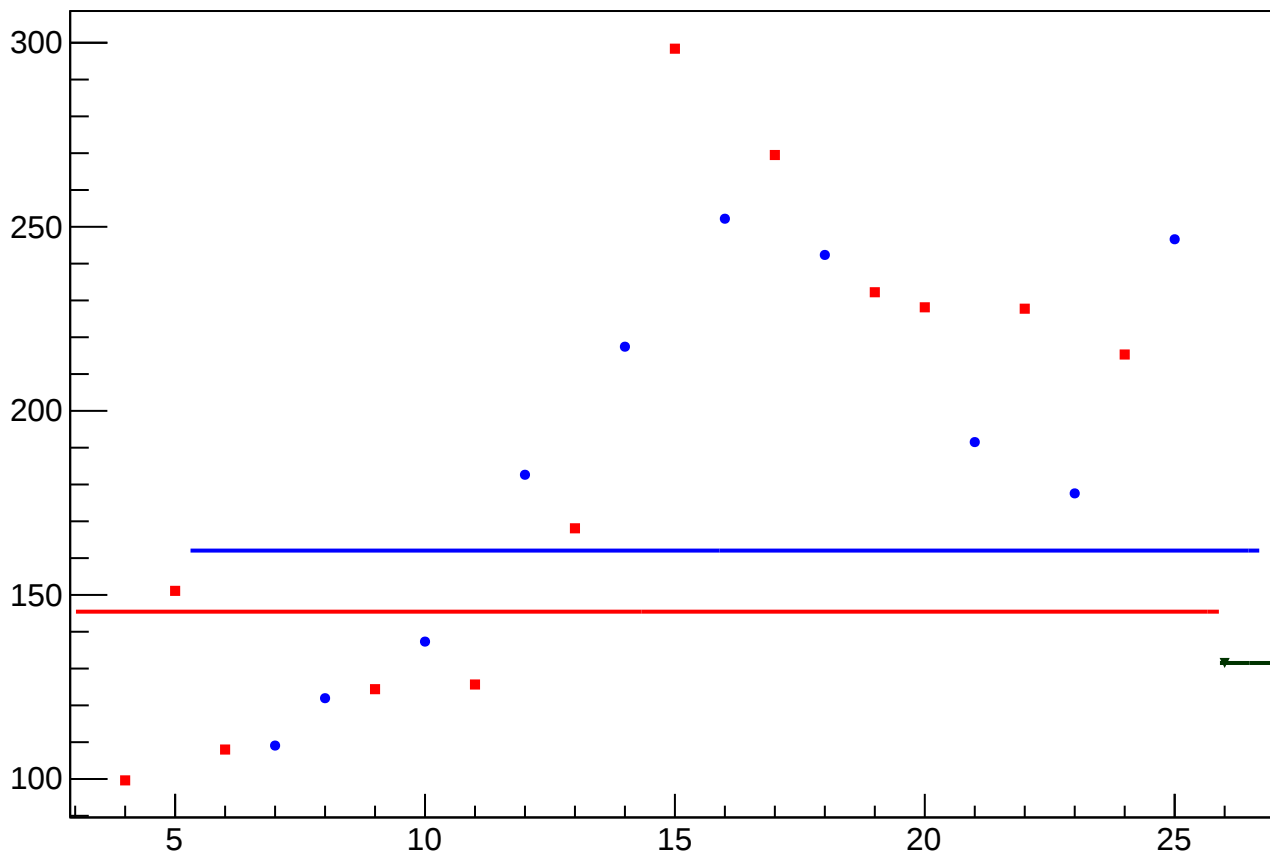
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

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

53.136+/-62.976 χ^2/NDF : 2.7/10

58.253+/-61.187 χ^2/NDF : 0.6/11

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

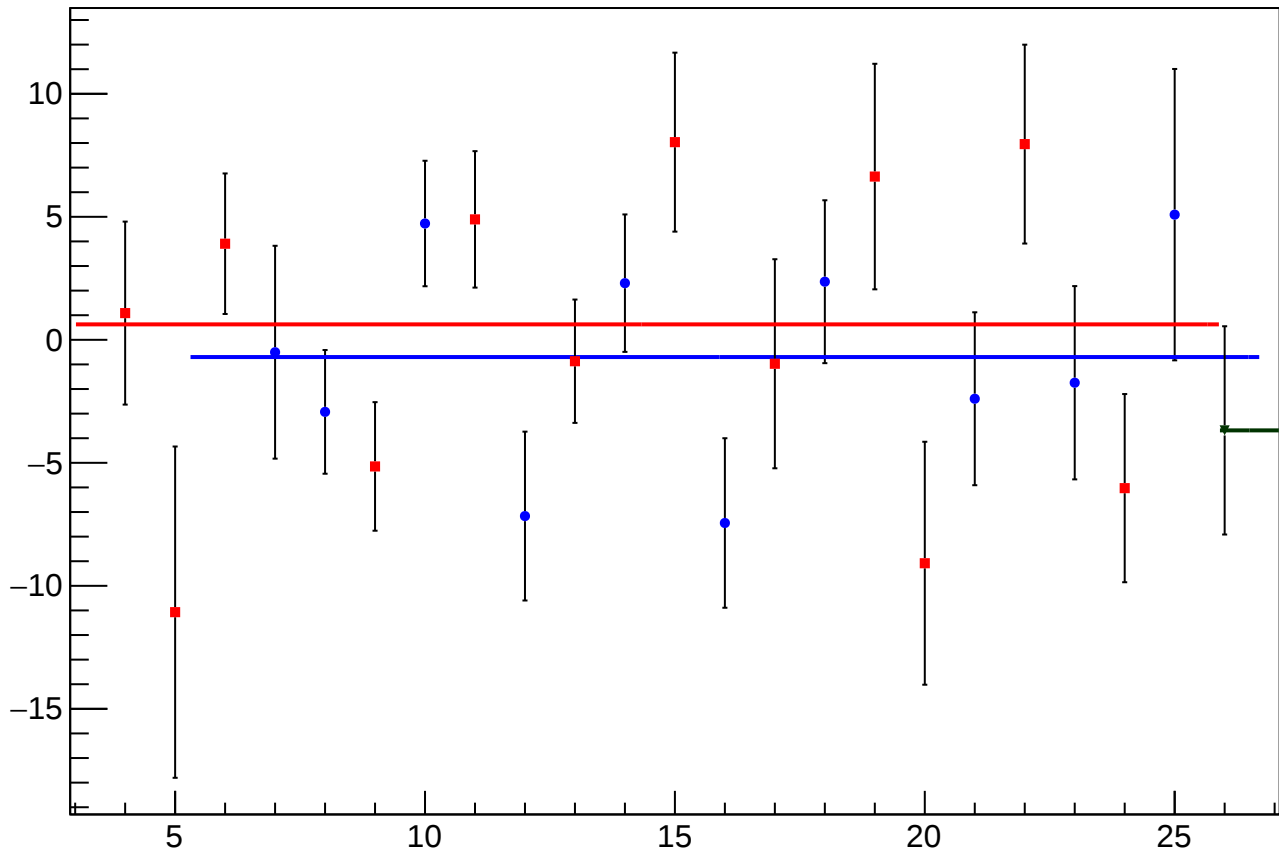
Right Out: 145.454+/-0.043 χ^2/NDF : 1377812.6/11

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

158.640+/-0.045 χ^2/NDF : 970249.0/10

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

asym_cav4bQ_mean vs slug



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

Left Out: -3.681 ± 4.233 $\chi^2/\text{NDF}: 0.0/0$

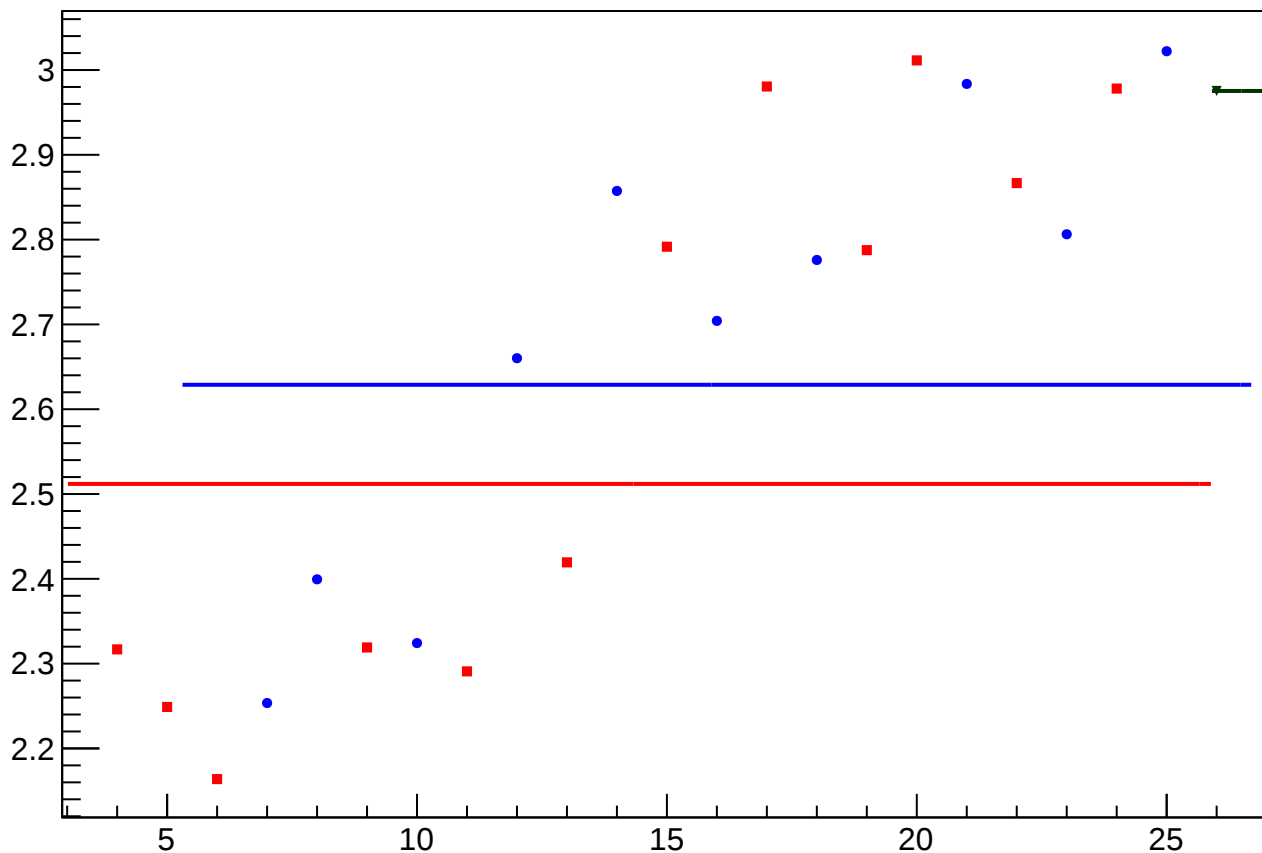
Right Out: 0.628 ± 0.999 $\chi^2/\text{NDF}: 28.1/11$

Left In: 3.681 ± 4.233 $\chi^2/\text{NDF}: 0.0/0$

-0.870 ± 1.008 $\chi^2/\text{NDF}: 16.4/10$

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

asym_cav4bQ_rms vs slug



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

Left Out: 2.975 $\pm$ 0.003 χ^2 /NDF: 0.0/0

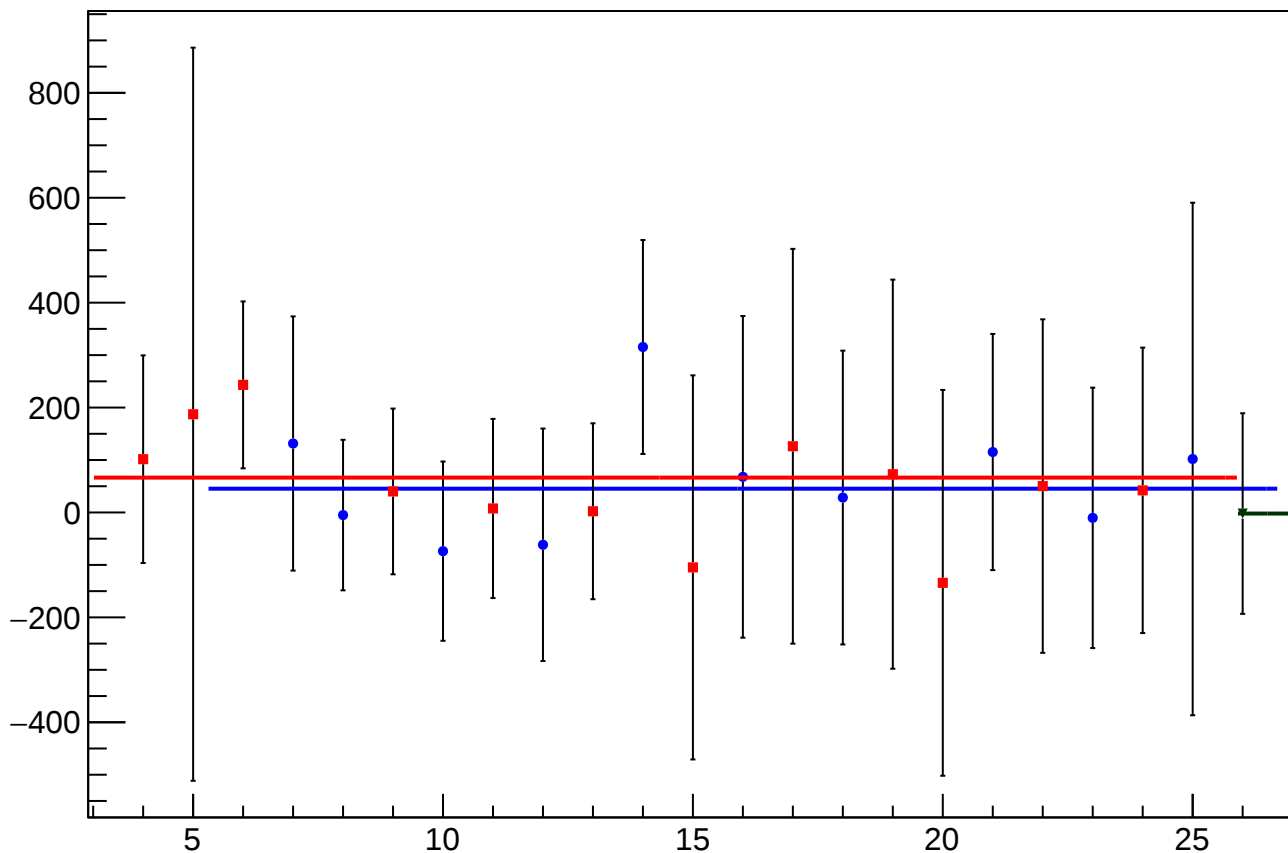
Right Out: 2.512 $\pm$ 0.001 χ^2 /NDF: 173540.5/11

Left In: 2.975 $\pm$ 0.003 χ^2 /NDF: 0.0/0

2.648 $\pm$ 0.001 χ^2 /NDF: 124623.4/10

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

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

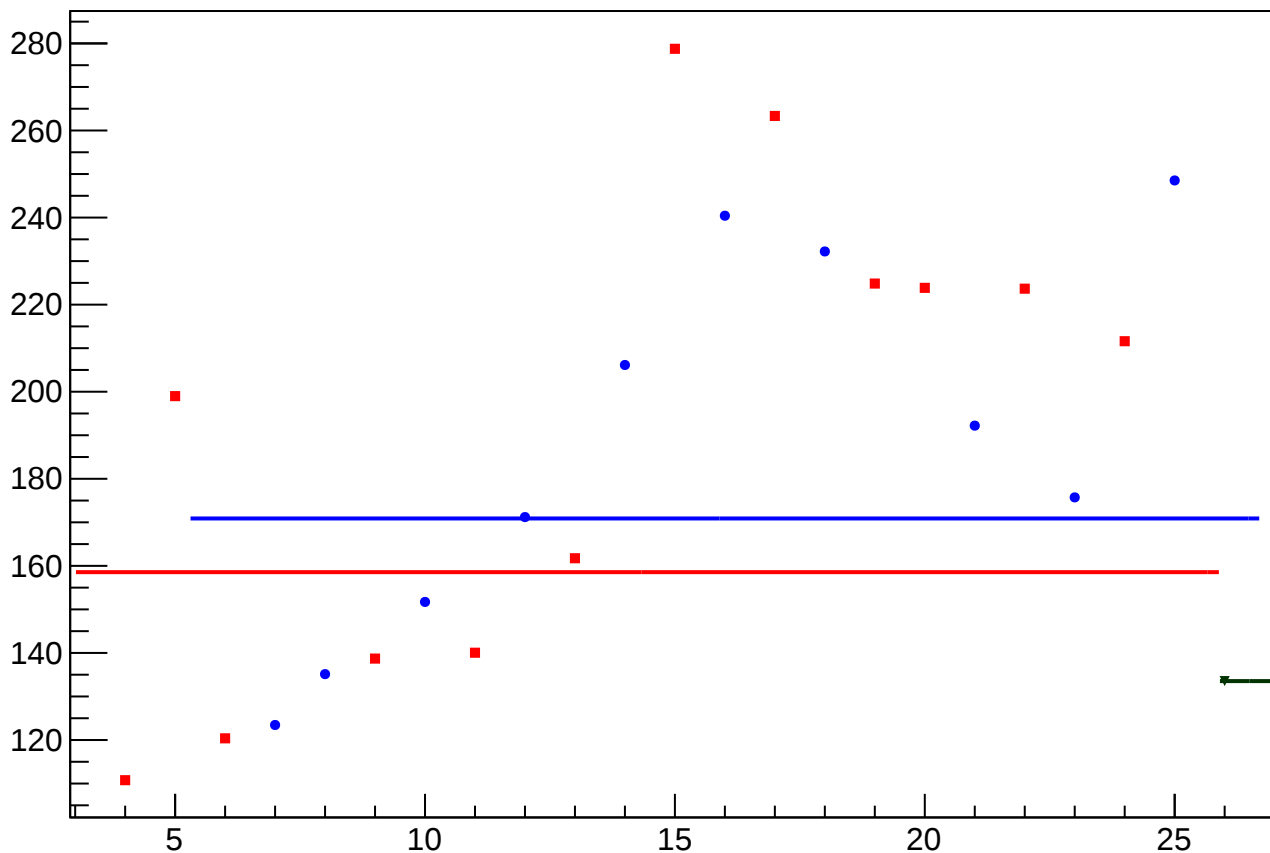
Right Out: 66.444+/-65.999 χ^2/NDF : 2.1/11

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

39.836+/-65.216 χ^2/NDF : 2.9/10

66.444+/-65.999 χ^2/NDF : 2.1/11

asym_cav4cQ_rms vs slug



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

Left Out: 133.533+/-0.135 χ^2/NDF : 0.0/0

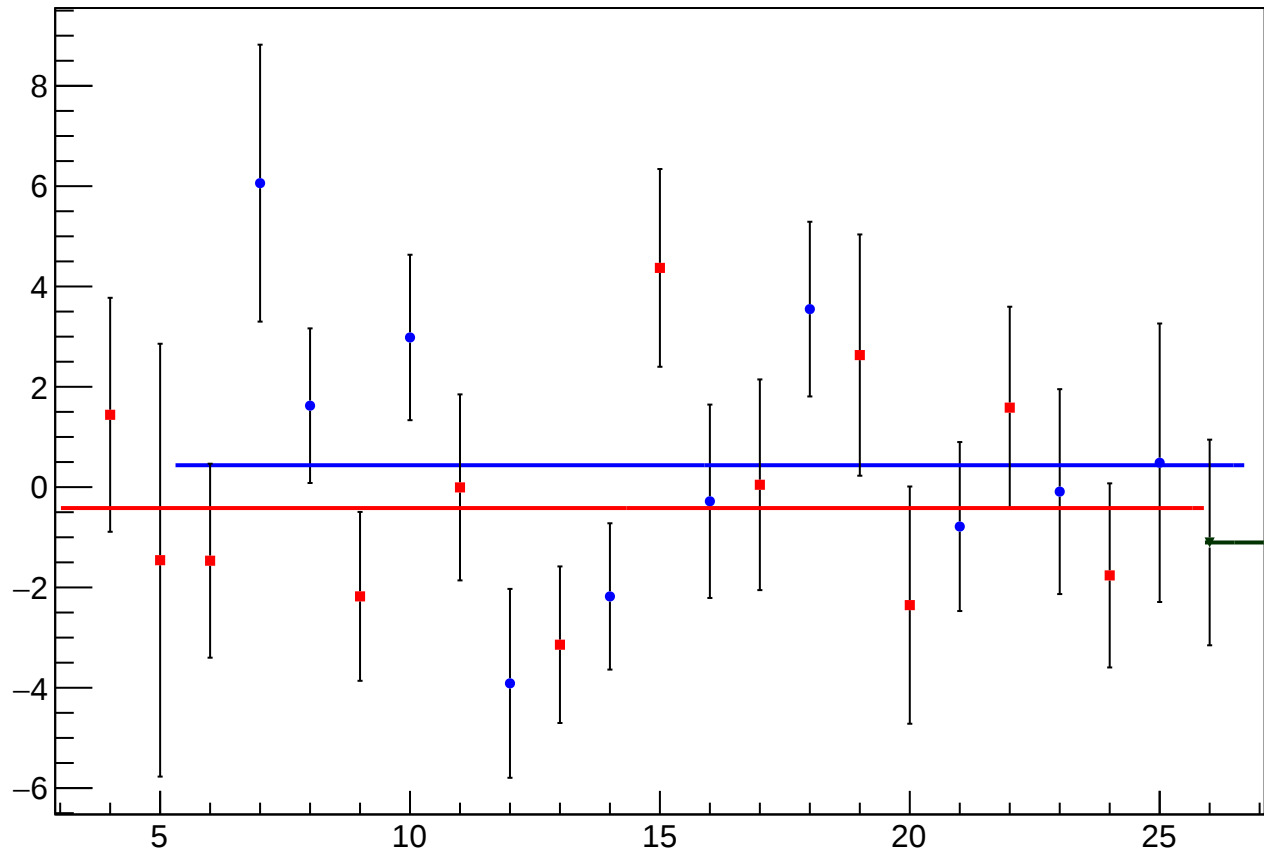
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 133.533+/-0.135 χ^2/NDF : 0.0/0

166.542+/-0.046 χ^2/NDF : 621163.2/10

158.557+/-0.047 χ^2/NDF : 951673.3/11

asym_cav4dQ_mean vs slug



Right In: 0.437 ± 0.578 $\chi^2/\text{NDF}: 19.6/9$

Left Out: -1.104 ± 2.050 $\chi^2/\text{NDF}: 0.0/0$

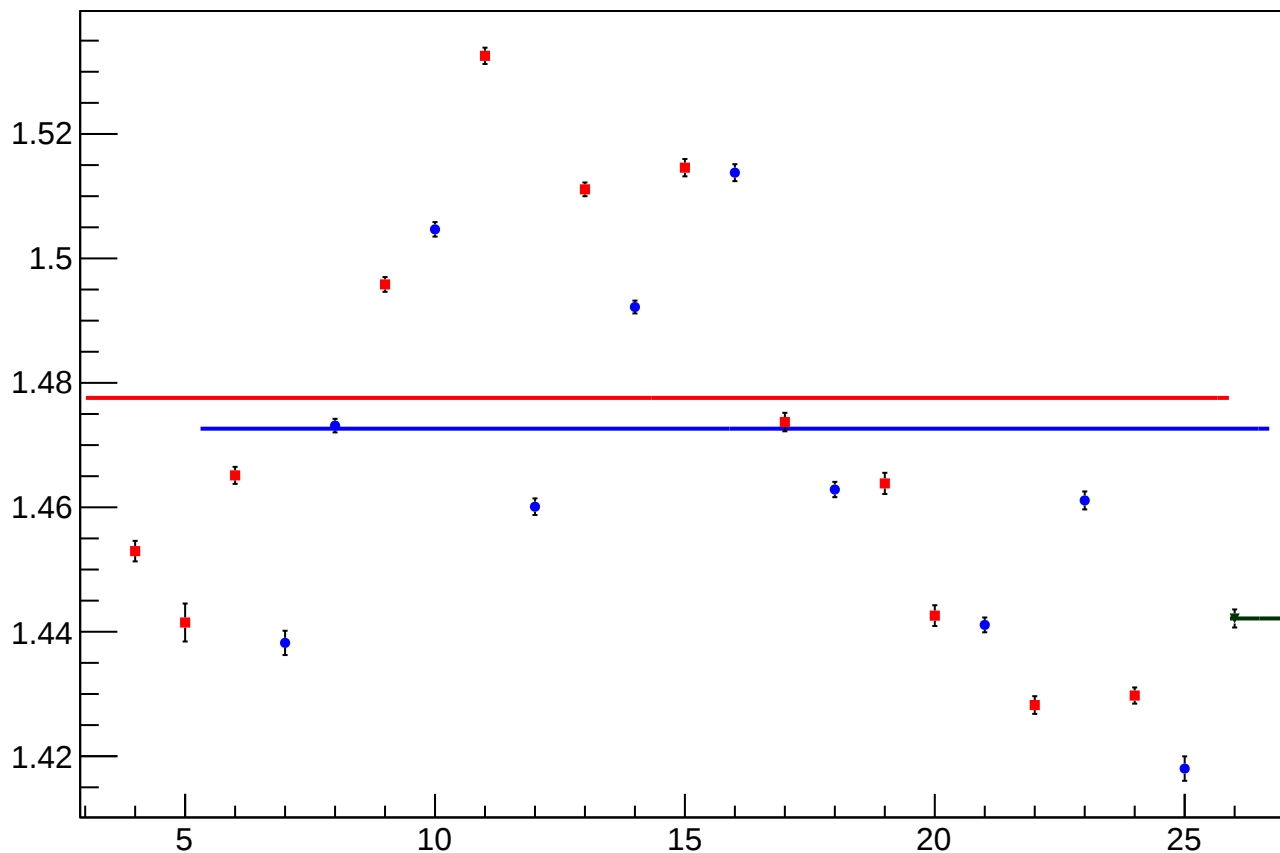
Right Out: -0.417 ± 0.583 $\chi^2/\text{NDF}: 14.9/11$

Left In: 1.104 ± 2.050 $\chi^2/\text{NDF}: 0.0/0$

0.323 ± 0.556 $\chi^2/\text{NDF}: 20.1/10$

-0.417 ± 0.583 $\chi^2/\text{NDF}: 14.9/11$

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

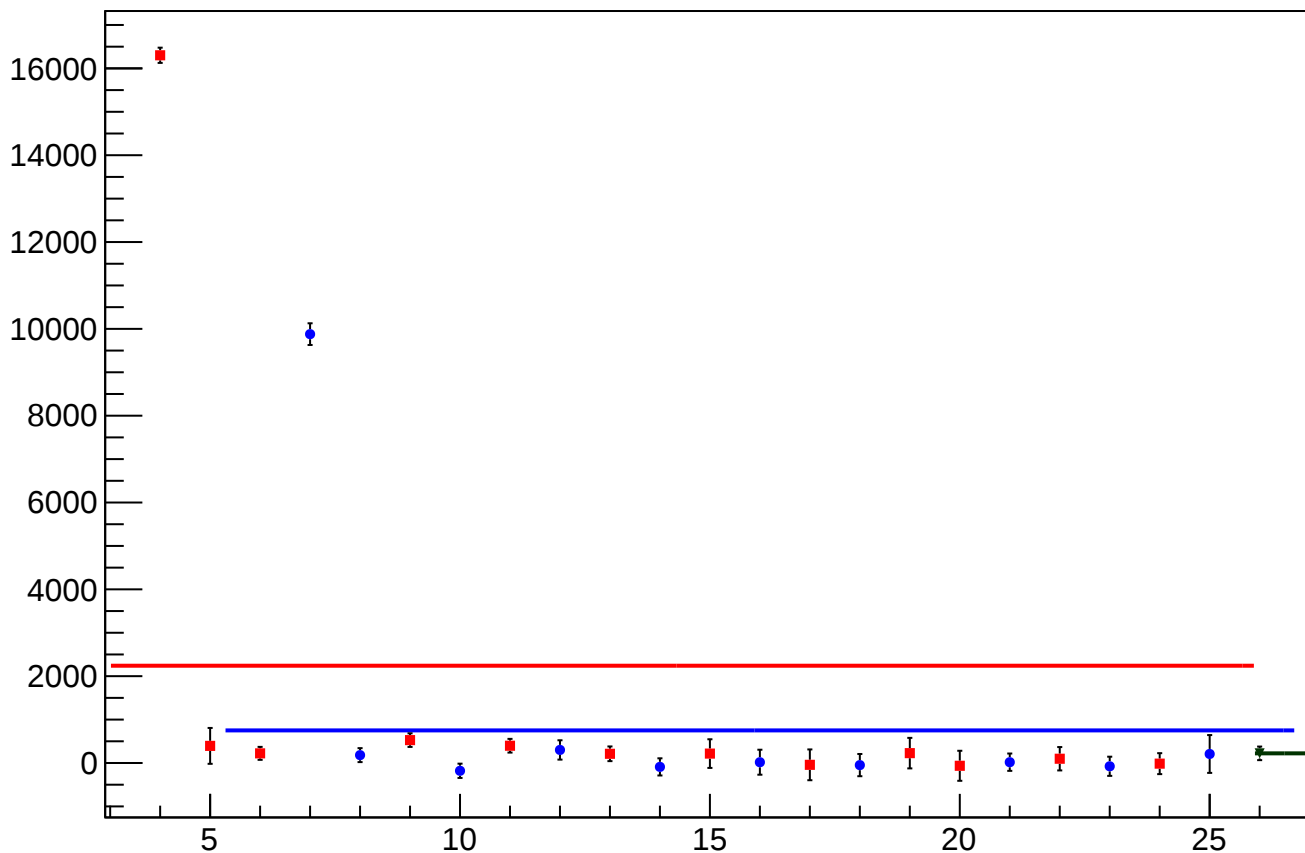
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

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

1.470+/-0.000 χ^2/NDF : 4437.8/10

1.478+/-0.000 χ^2/NDF : 7139.1/11

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

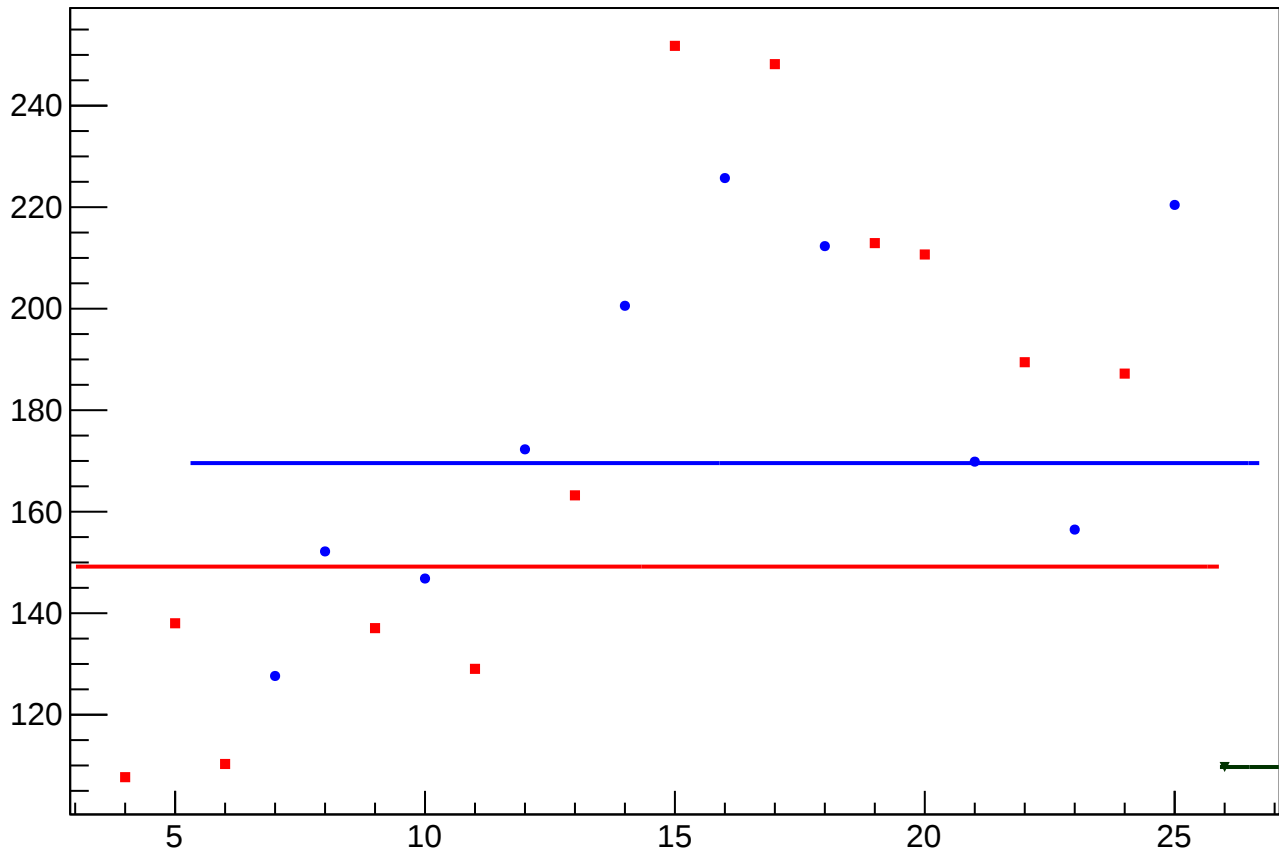
Right Out: 2240.760+/-61.598 χ^2/NDF : 7330.5/11

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

666.419+/-62.456 χ^2/NDF : 1455.2/10

2240.760+/-61.598 χ^2/NDF : 7330.5/11

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

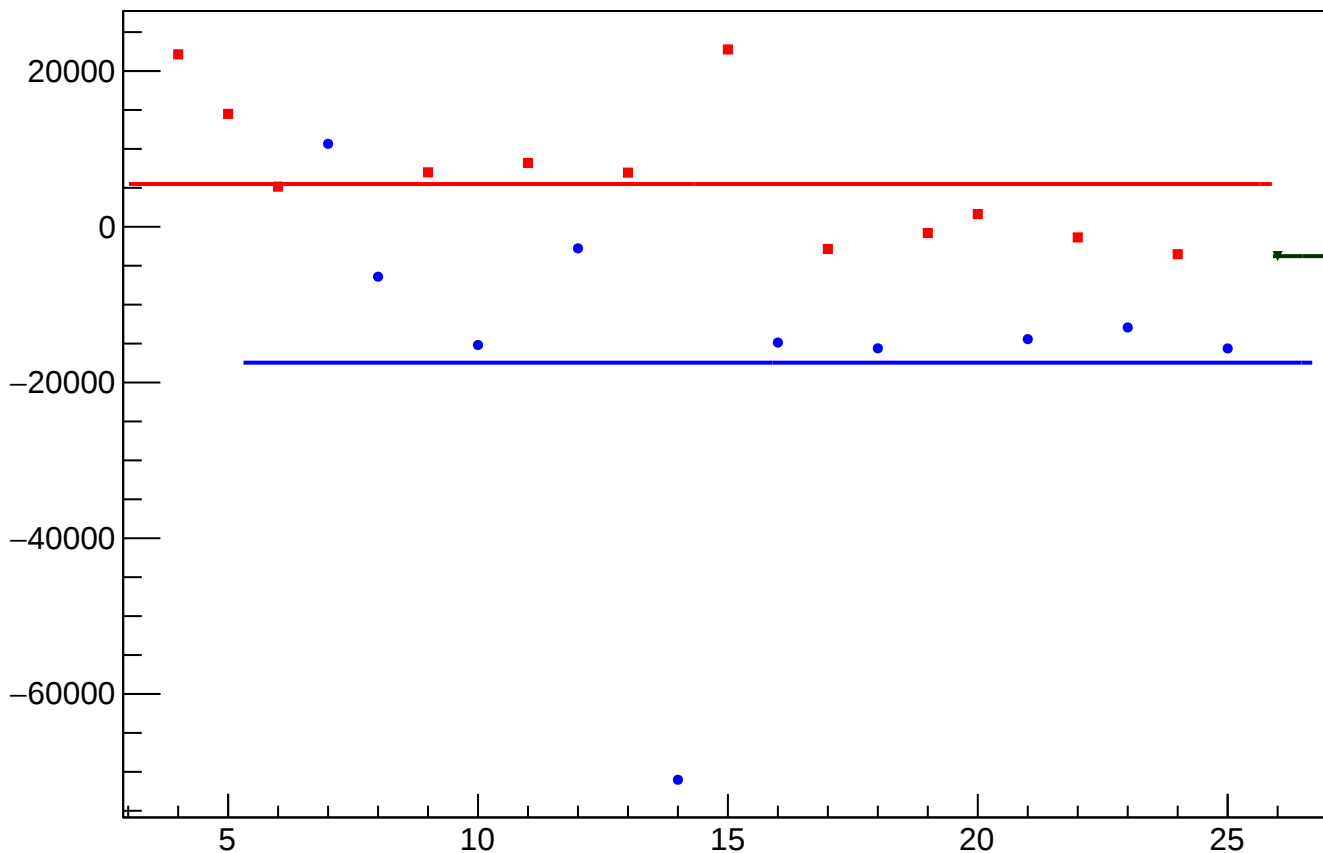
160.021+/-0.044 χ^2/NDF : 580175.2/10

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

149.184+/-0.044 χ^2/NDF : 879836.6/11

Left In: 109.698+/-0.111 χ^2/NDF : 0.0/0

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

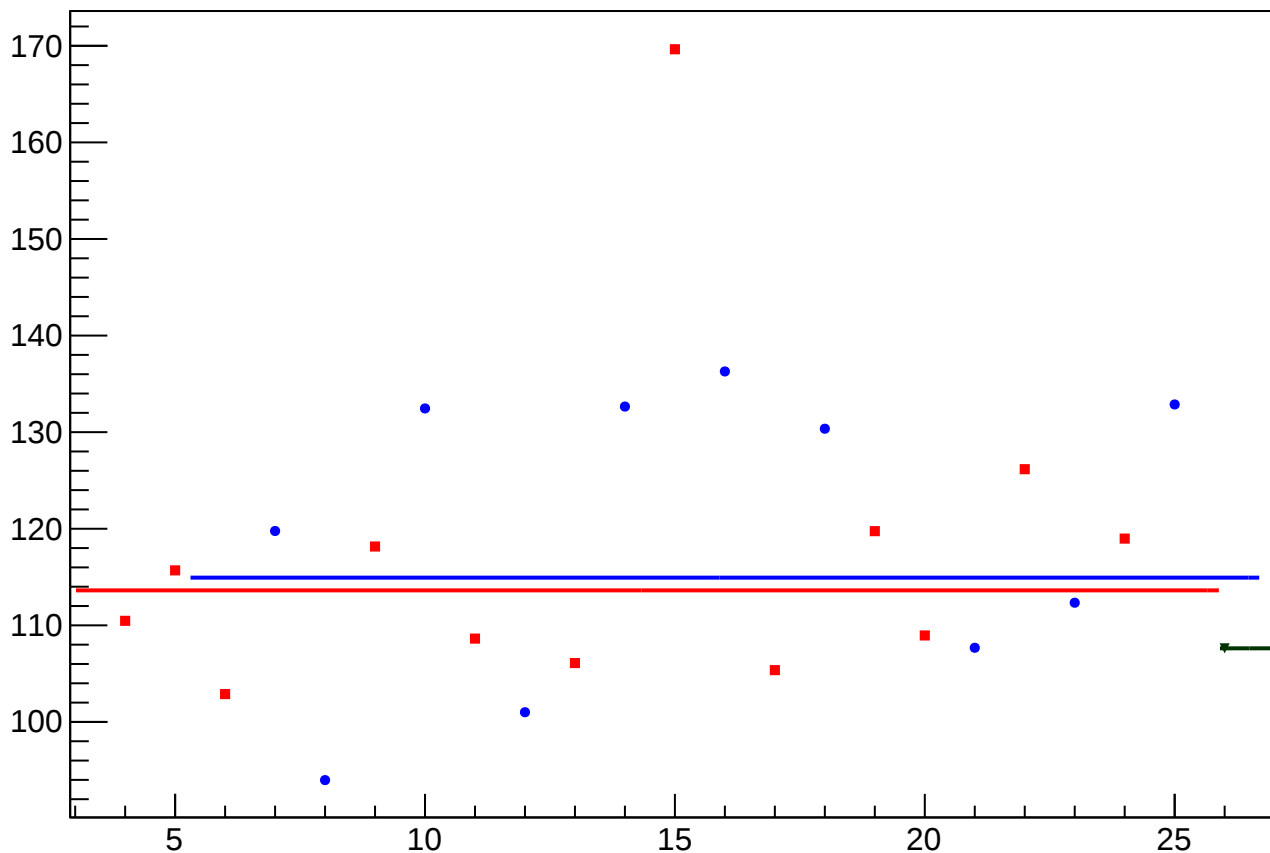
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: 3769.821+/-154.291 χ^2/NDF : 0.0/0

-16299.848+/-44.753 χ^2/NDF : 210532.0/10

5490.592+/-46.372 χ^2/NDF : 24655.8/11

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

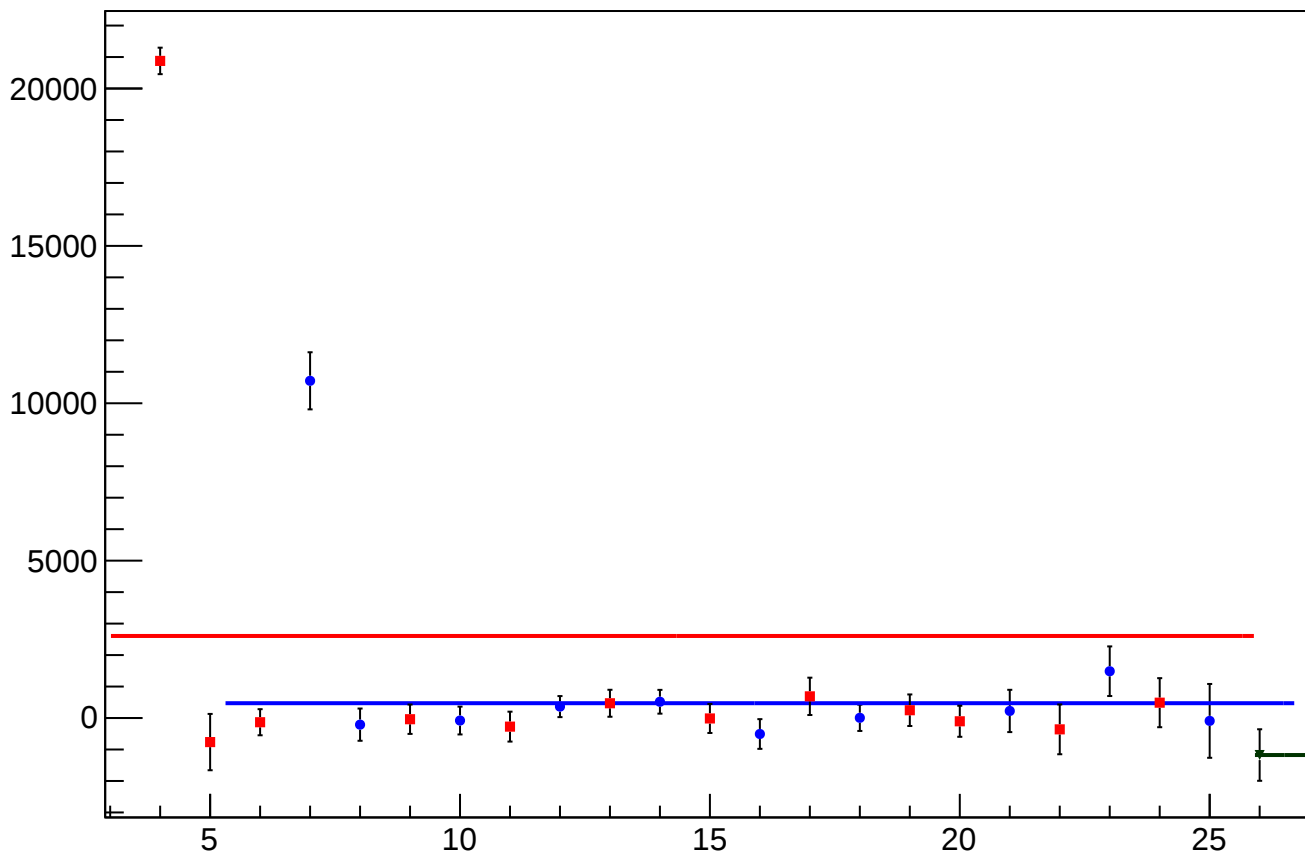
Right Out: 113.621 $\pm$ 0.033 χ^2 /NDF: 162658.1/11

Left In: 107.620 $\pm$ 0.109 χ^2 /NDF: 0.0/0

114.323 $\pm$ 0.032 χ^2 /NDF: 237662.6/10

113.621 $\pm$ 0.033 χ^2 /NDF: 162658.1/11

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

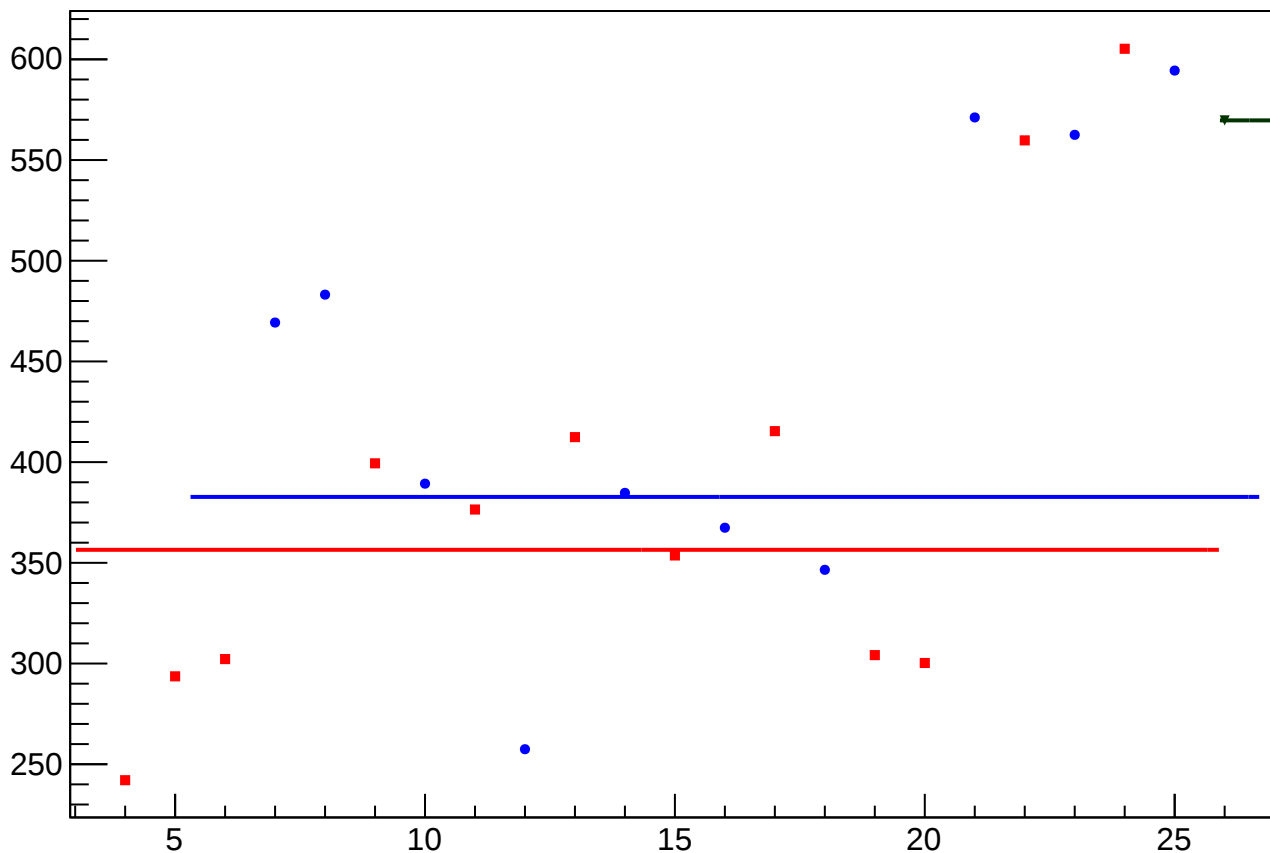
Right Out: 2606.972+/-147.343 χ^2/NDF : 2154.3/11

Left In: 1175.733+/-818.641 χ^2/NDF : 0.0/0

412.982+/-153.609 χ^2/NDF : 142.3/10

2606.972+/-147.343 χ^2/NDF : 2154.3/11

asym_bpm0i07WS_rms vs slug



Right In: 382.730 $\pm$ 0.111 χ^2 /NDF: 720132.6/9

Left Out: 569.691 $\pm$ 0.579 χ^2 /NDF: 0.0/0

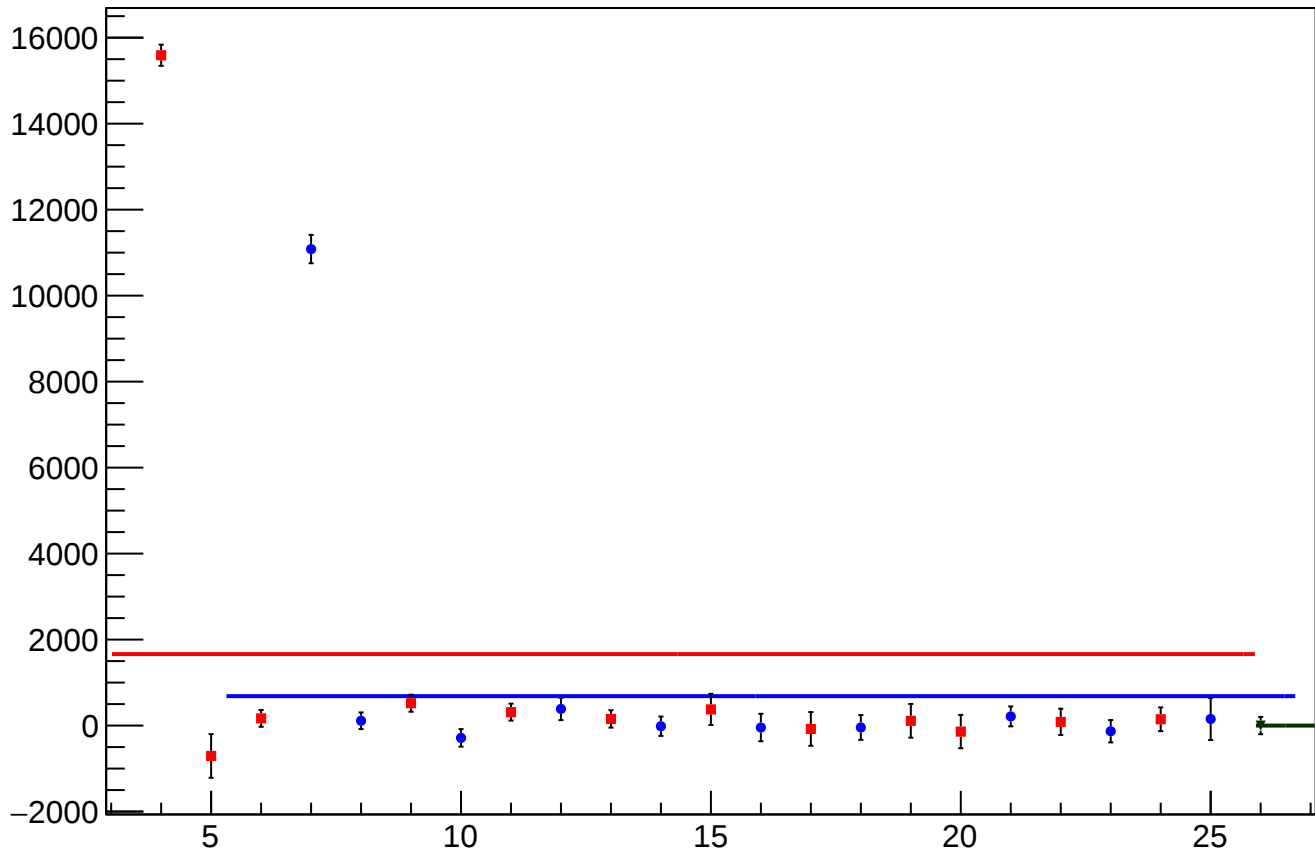
389.312 $\pm$ 0.109 χ^2 /NDF: 820774.3/10

Right Out: 356.465 $\pm$ 0.104 χ^2 /NDF: 650032.0/11

Left In: 569.691 $\pm$ 0.579 χ^2 /NDF: 0.0/0

356.465 $\pm$ 0.104 χ^2 /NDF: 650032.0/11

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

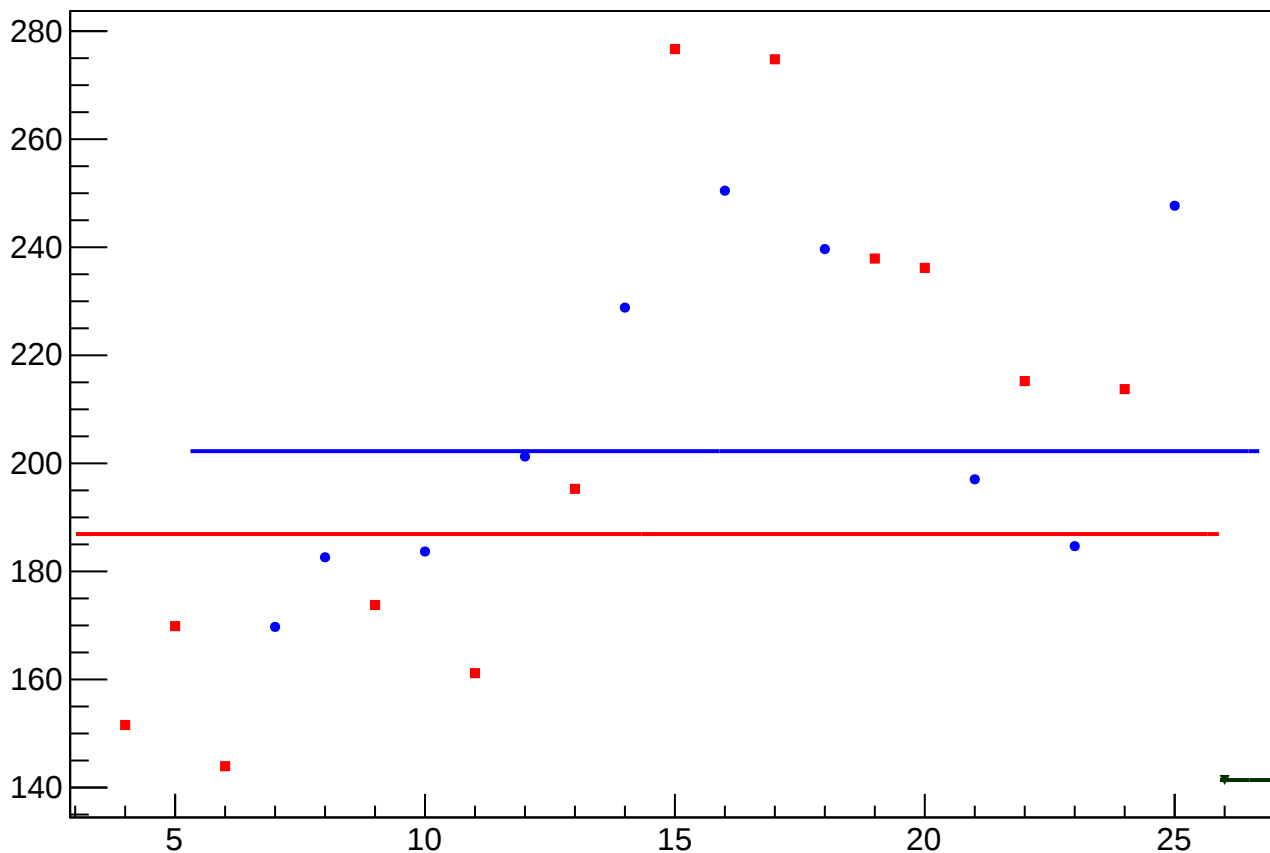
589.805+/-74.864 χ^2/NDF : 1073.9/10

Right Out: 1663.245+/-75.915 χ^2/NDF : 3538.6/11

1663.245+/-75.915 χ^2/NDF : 3538.6/11

Left In: 0.104+/-201.204 χ^2/NDF : 0.0/0

asym_bpm0l01WS_rms vs slug



Right In: 202.258 $\pm$ 0.057 χ^2 /NDF: 191196.0/9

Left Out: 141.388 $\pm$ 0.142 χ^2 /NDF: 0.0/0

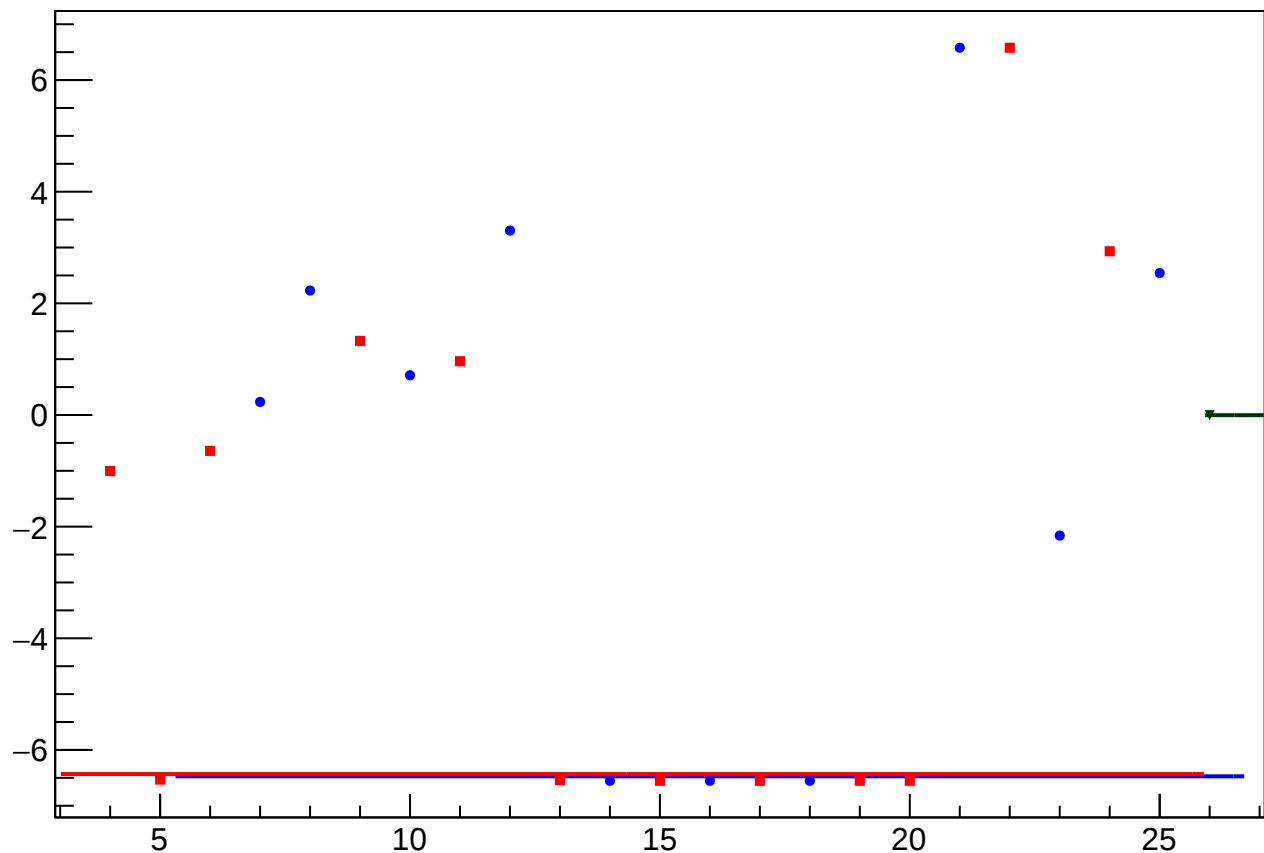
Right Out: 186.914 $\pm$ 0.054 χ^2 /NDF: 512292.6/11

Left In: 141.388 $\pm$ 0.142 χ^2 /NDF: 0.0/0

193.831 $\pm$ 0.053 χ^2 /NDF: 348902.4/10

186.914 $\pm$ 0.054 χ^2 /NDF: 512292.6/11

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

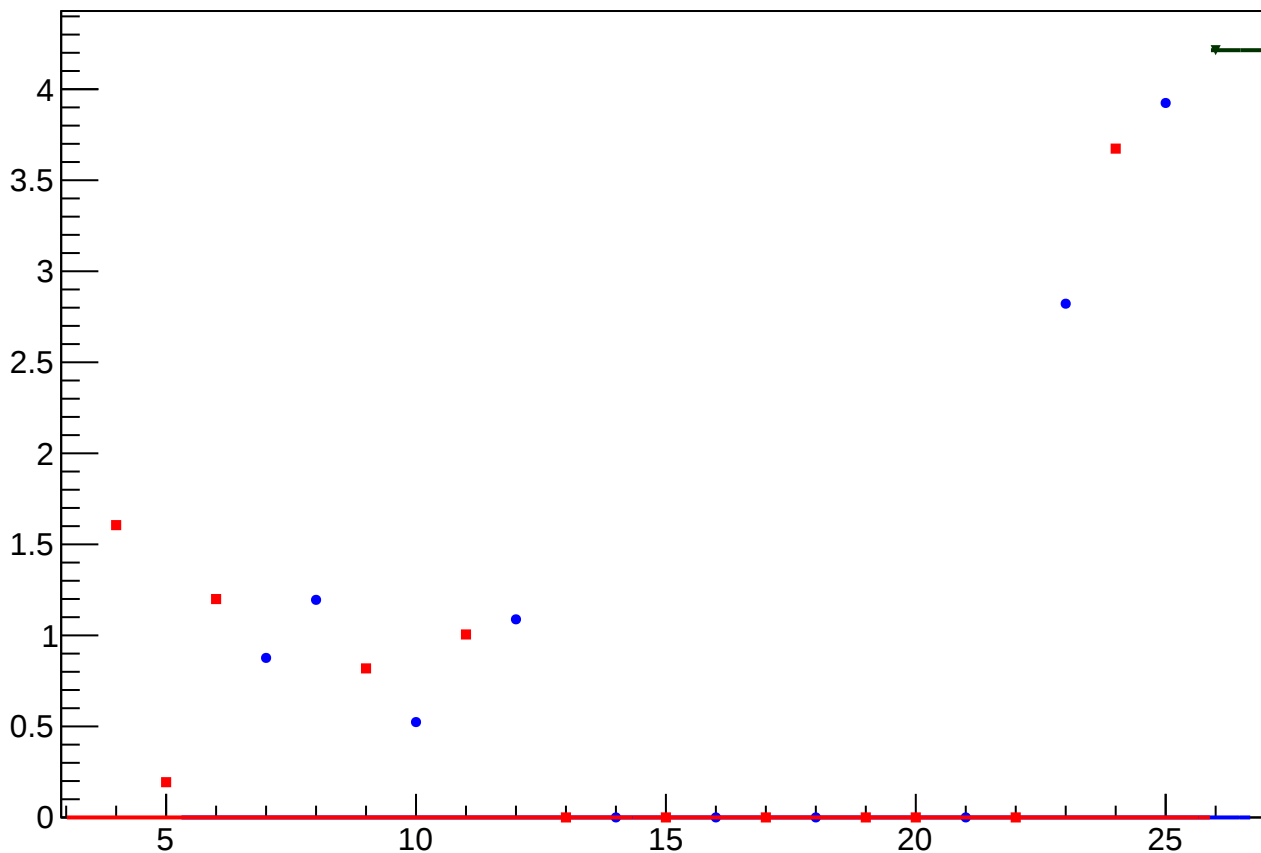
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: -0.003+/-0.006 χ^2/NDF : 0.0/0

-6.473+/-0.000 χ^2/NDF : 127847928716084.5/1

-6.432+/-0.000 χ^2/NDF : 150837601506010.5/1

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

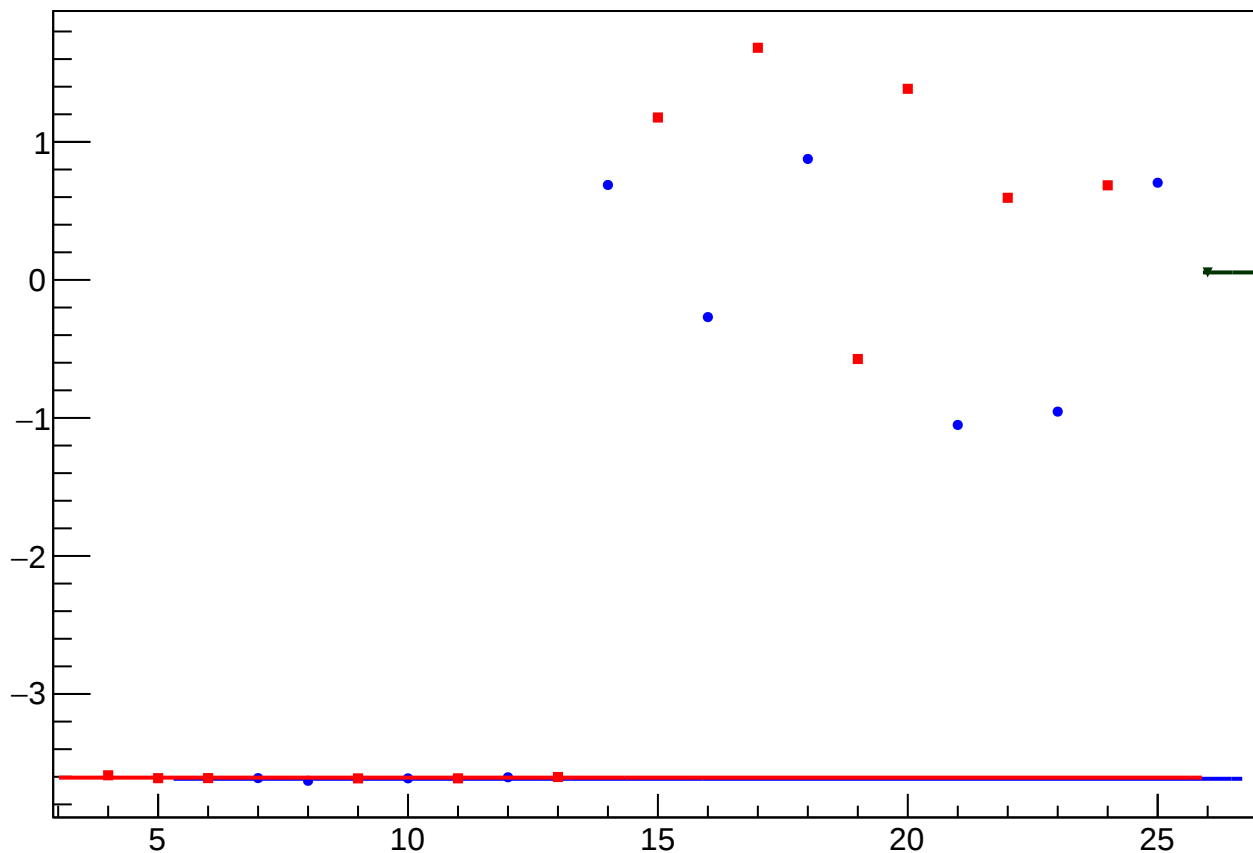
Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

Left In: 4.214+/-0.004 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 5224505.0/10

0.000+/-0.000 χ^2/NDF : 4072994.8/11

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

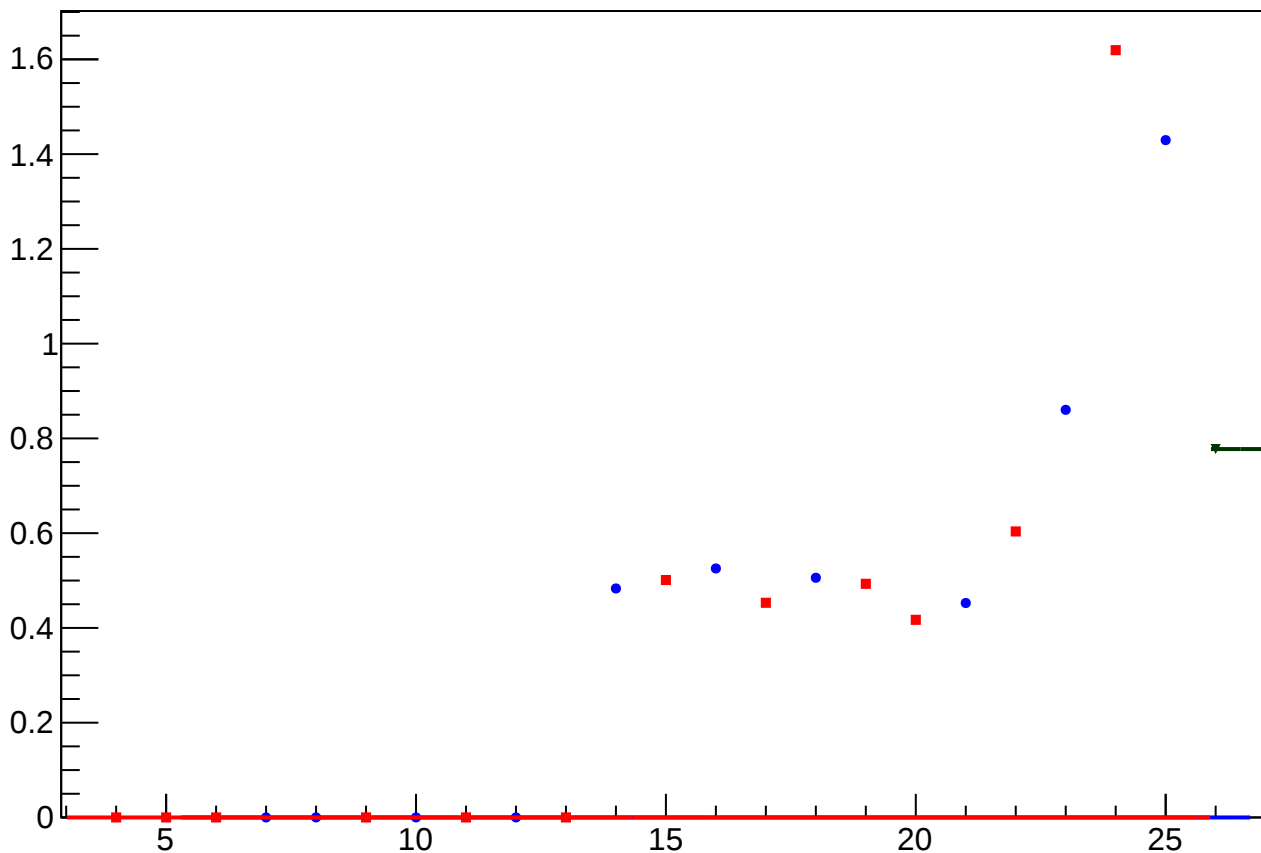
Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

Left In: 0.054+/-0.001 χ^2/NDF : 0.0/0

-3.614+/-0.000 χ^2/NDF : 49070509327.3/10

-3.606+/-0.000 χ^2/NDF : 37750030407.7/11

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

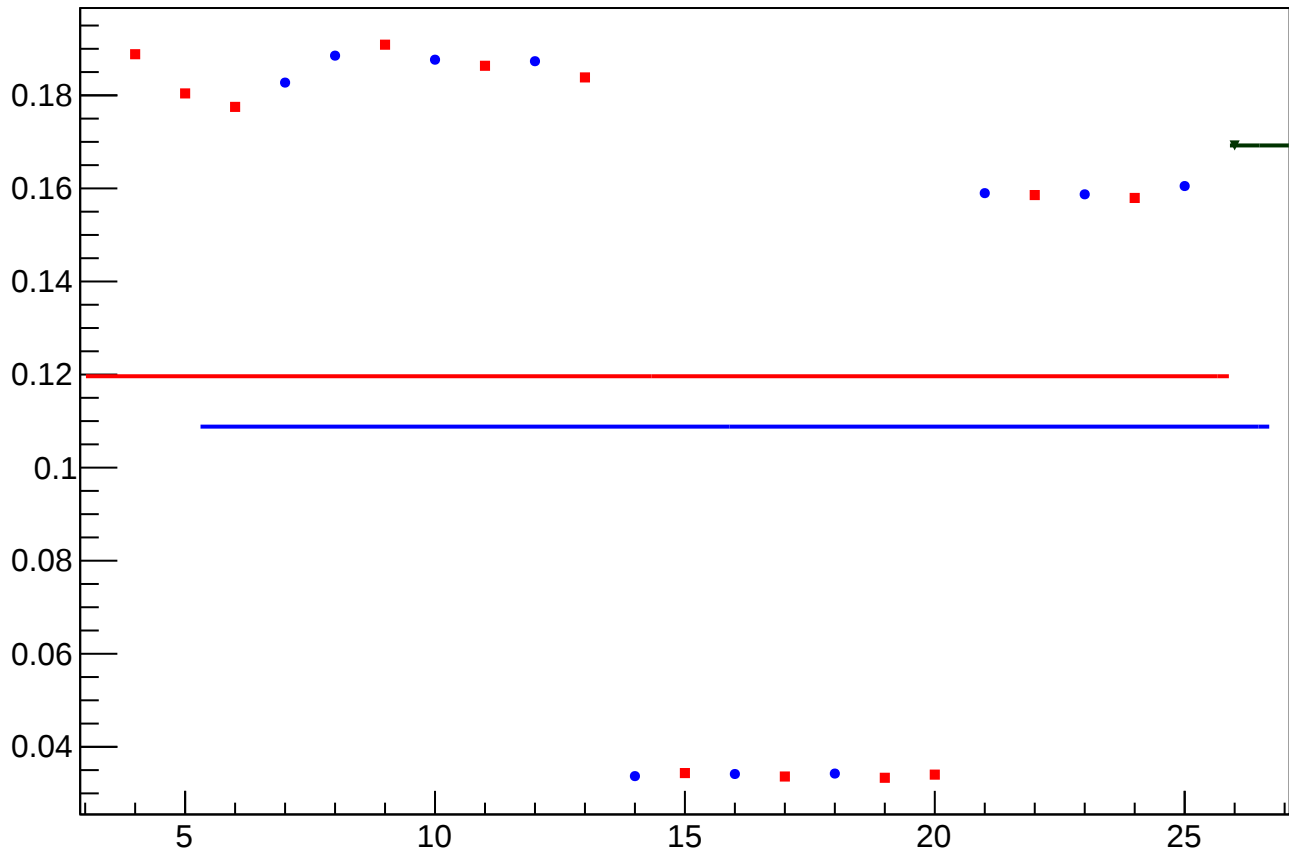
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.778+/-0.001 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 6600847.0/10

0.000+/-0.000 χ^2/NDF : 4205917.4/11

yield_cav4cX_mean vs slug



Right In: 0.109 $\pm$ 0.000 χ^2 /NDF: 4567388624.2/9

Left Out: 0.169 $\pm$ 0.000 χ^2 /NDF: 0.0/0

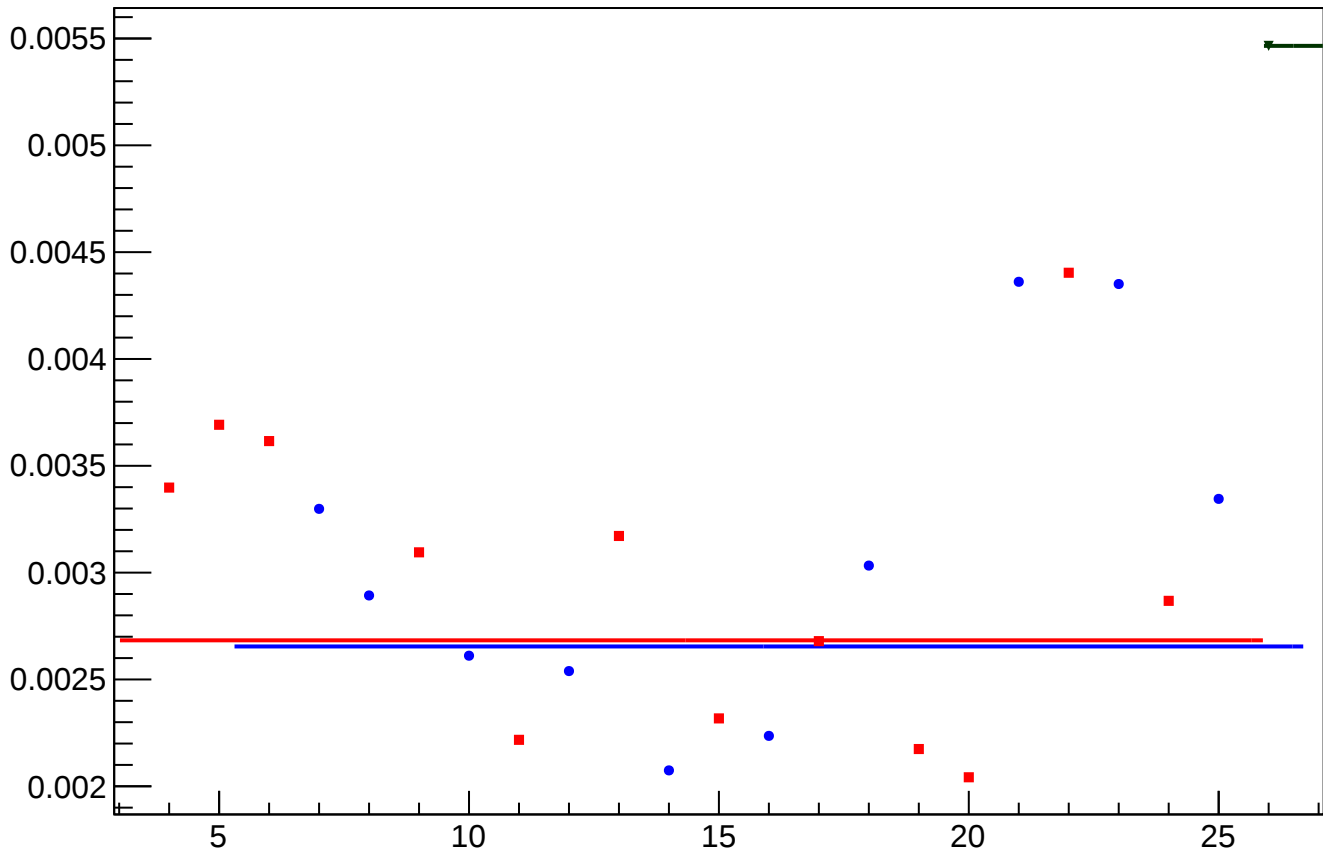
Right Out: 0.120 $\pm$ 0.000 χ^2 /NDF: 4203649870.8/11

Left In: 0.169 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.110 $\pm$ 0.000 χ^2 /NDF: 4624519076.1/10

0.120 $\pm$ 0.000 χ^2 /NDF: 4203649870.8/11

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

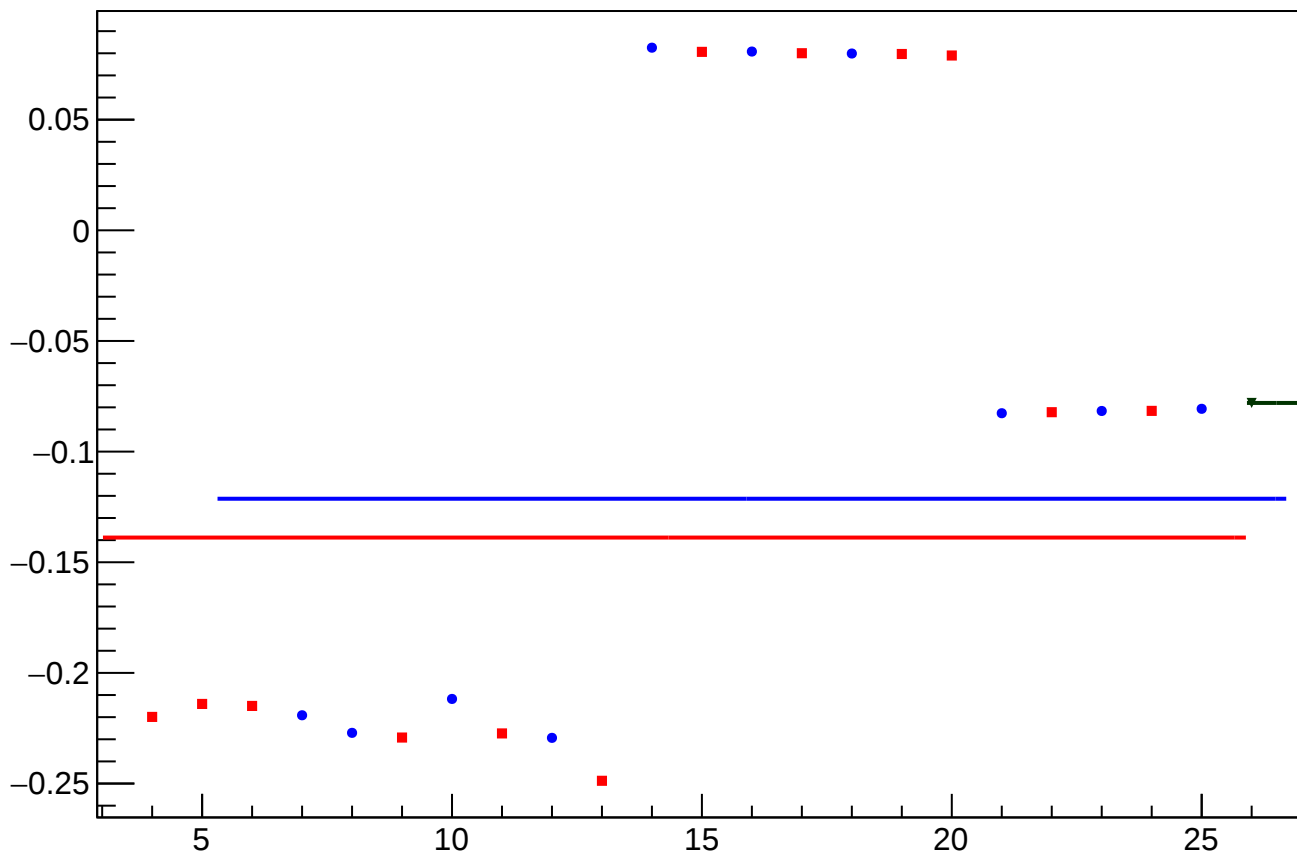
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.005+/-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 : 526292.2/11

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

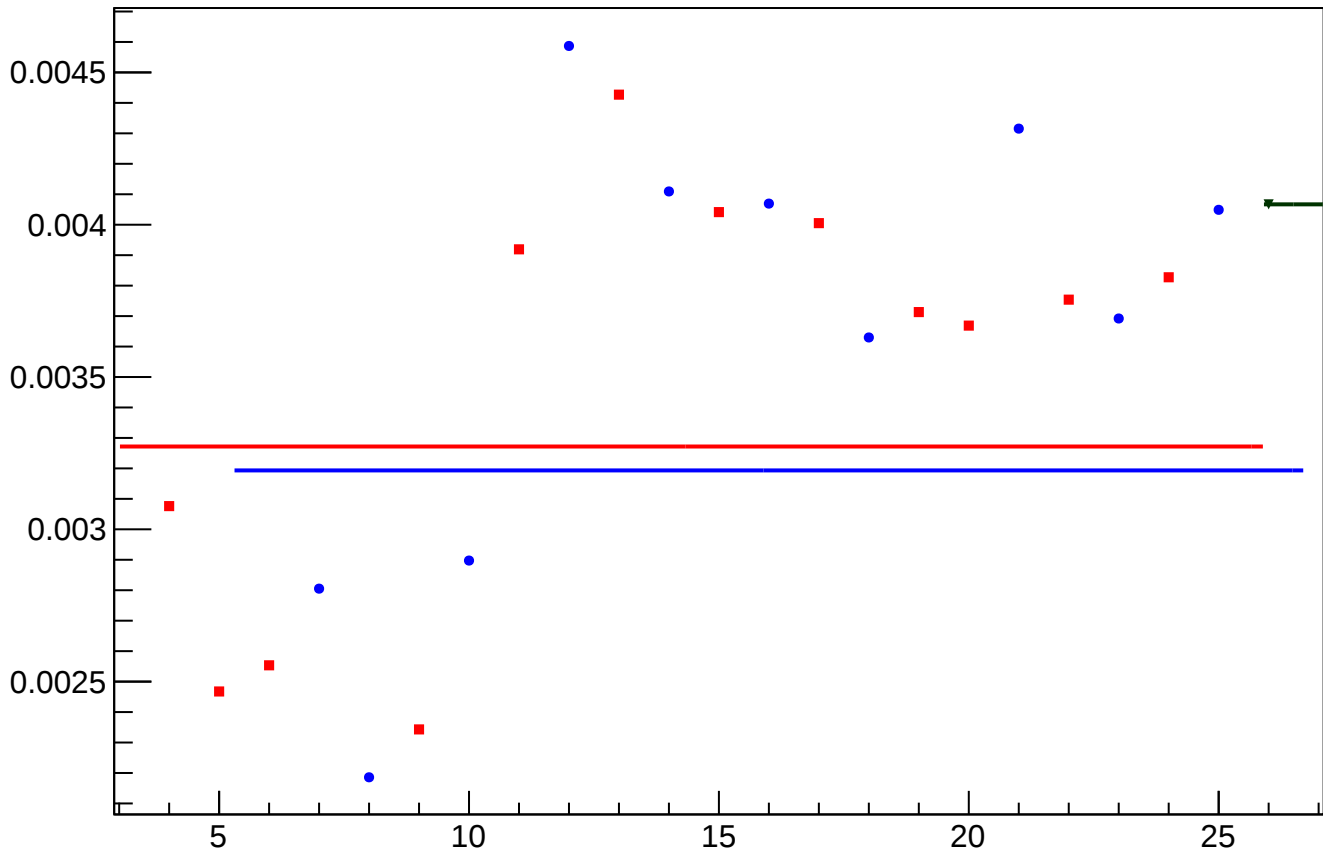
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.078+/-0.000 χ^2/NDF : 0.0/0

-0.119+/-0.000 χ^2/NDF : 9572345691.8/10

-0.139+/-0.000 χ^2/NDF : 8617094052.4/11

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

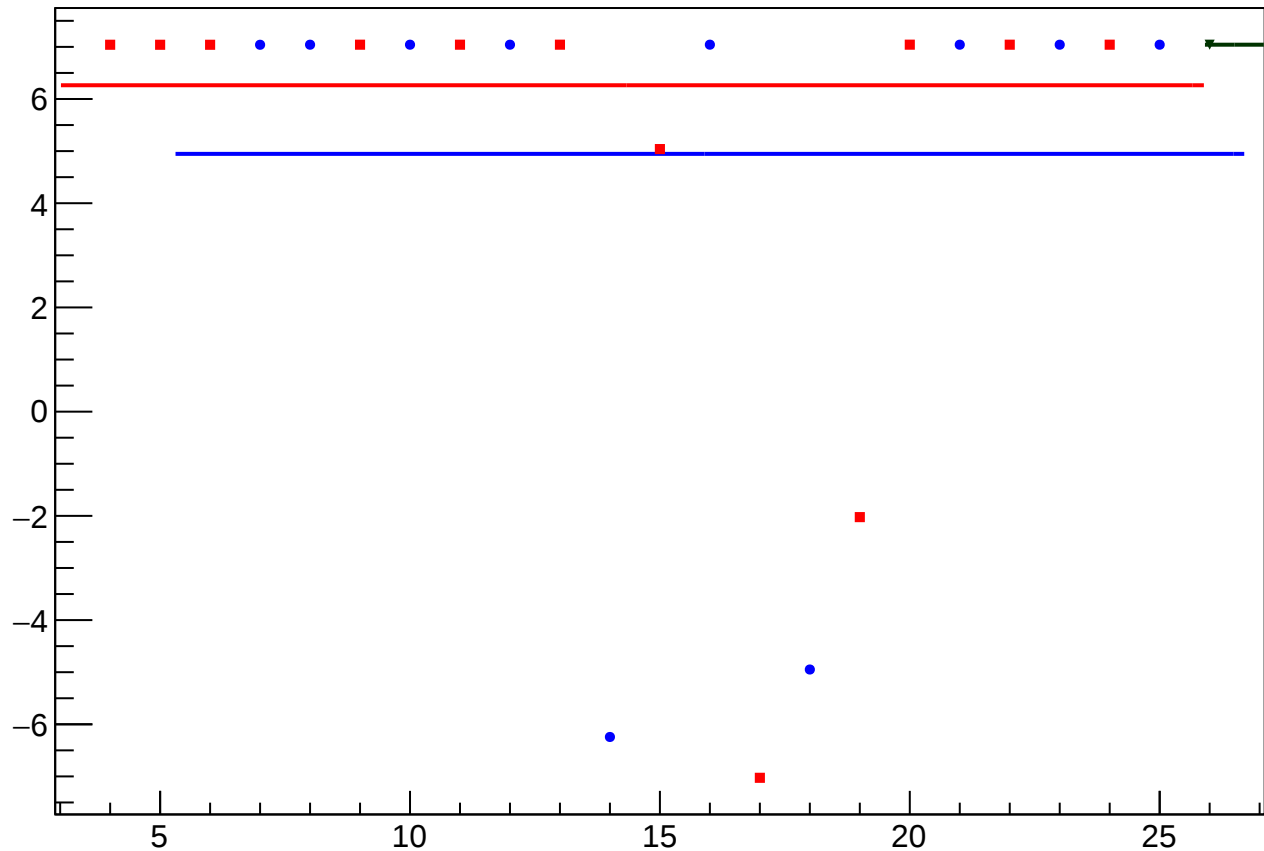
Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

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 : 615311.7/11

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

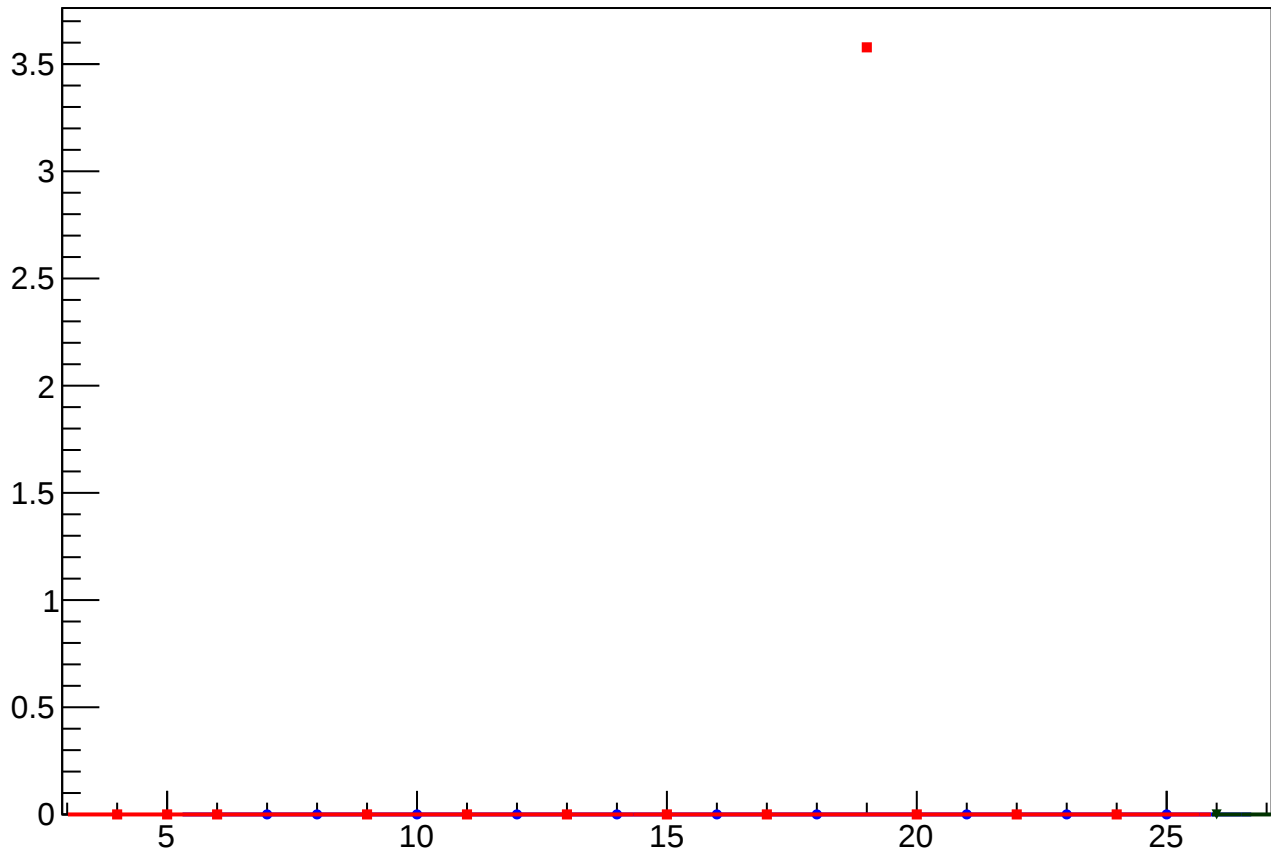
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF : 0.0/0

5.132+/-0.000 χ^2/NDF : 4295763582165025.5/1

6.264+/-0.000 χ^2/NDF : 1812076141929126.0/1

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

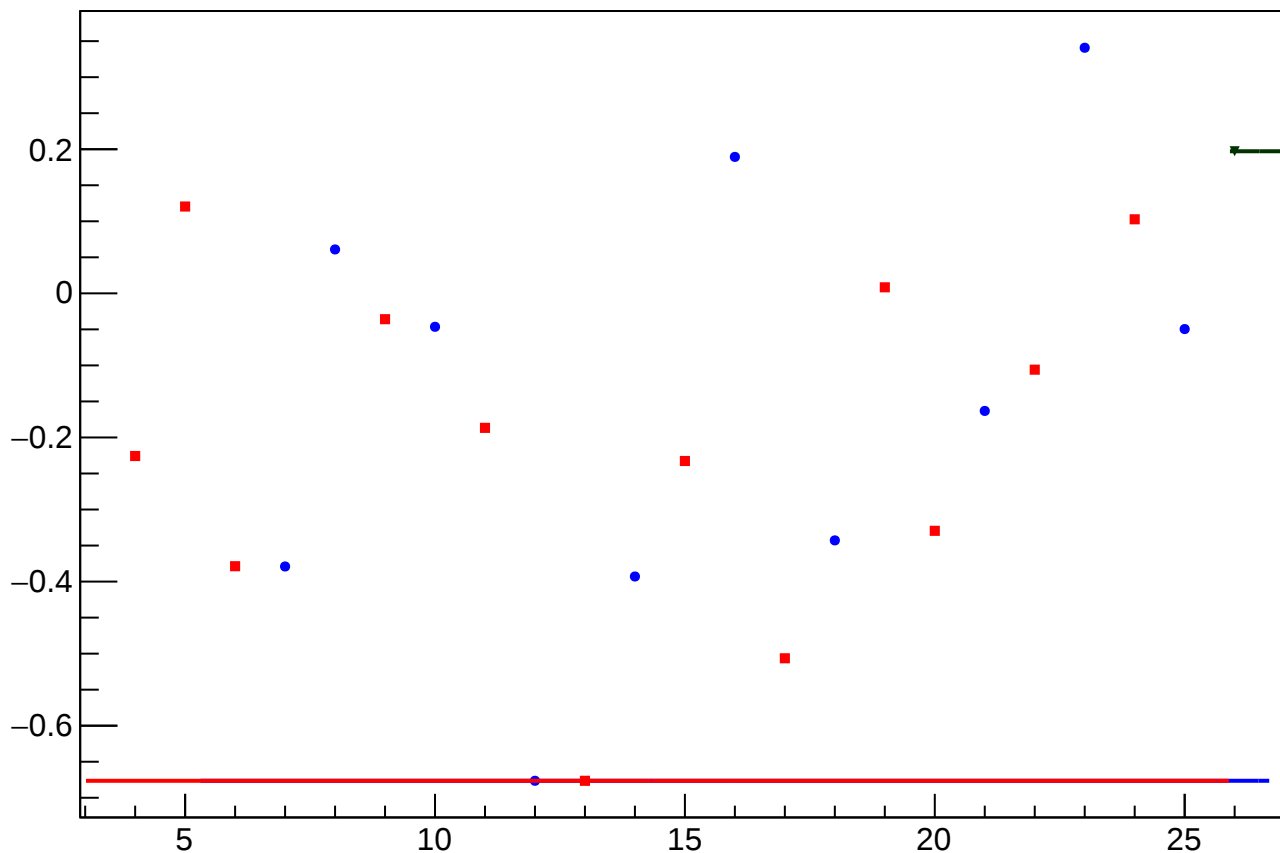
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

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 : 696528.7/11

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

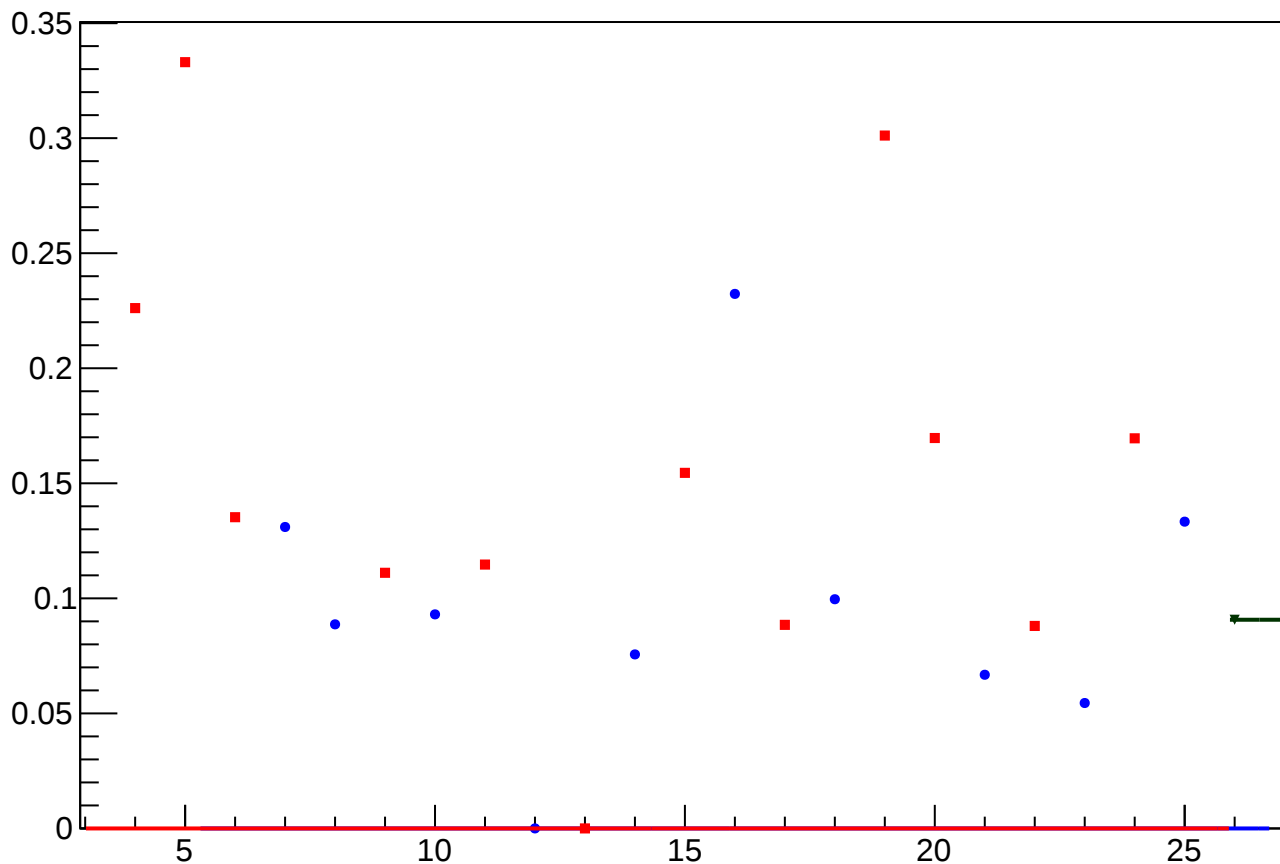
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: 0.197+/-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 : 65929973.4/11

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

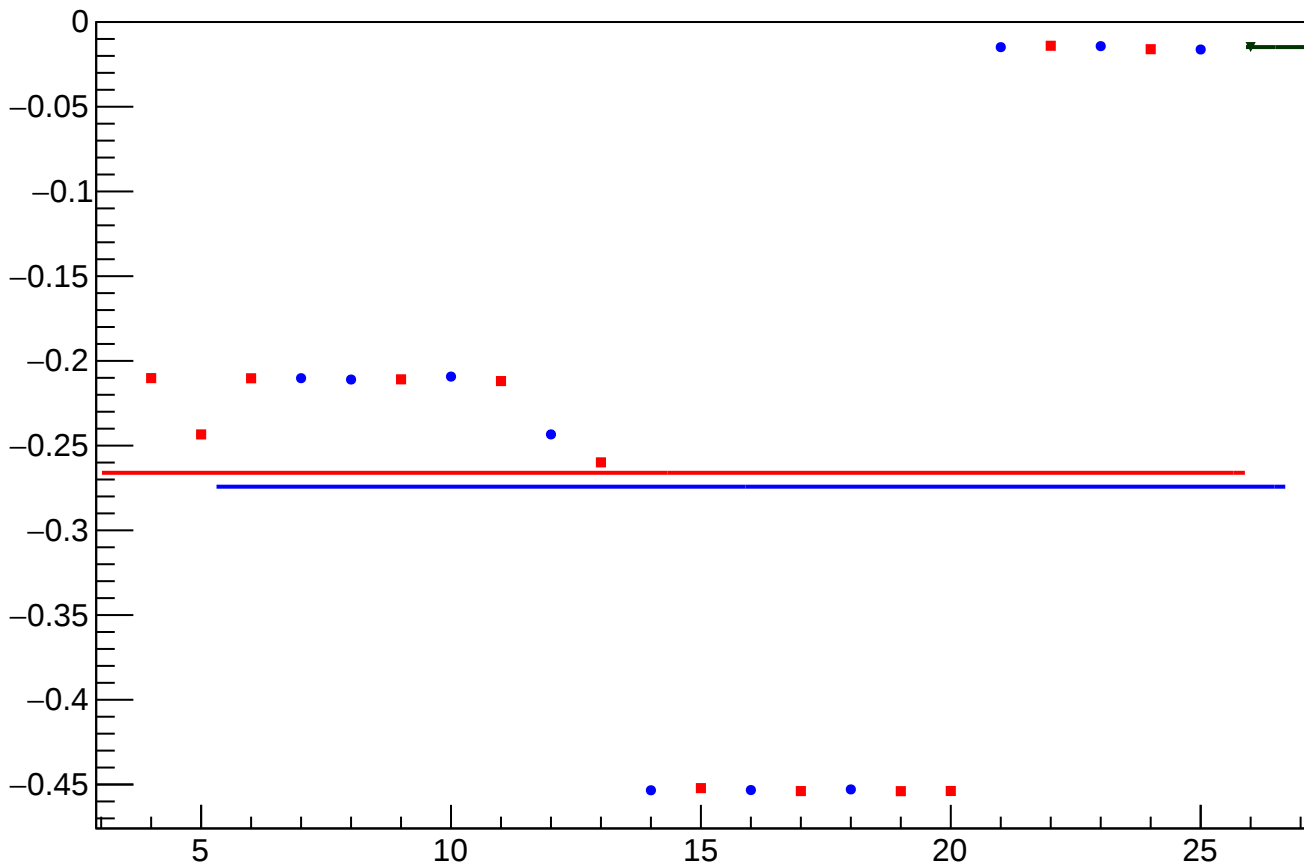
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.091+/-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 : 8085708.6/11

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

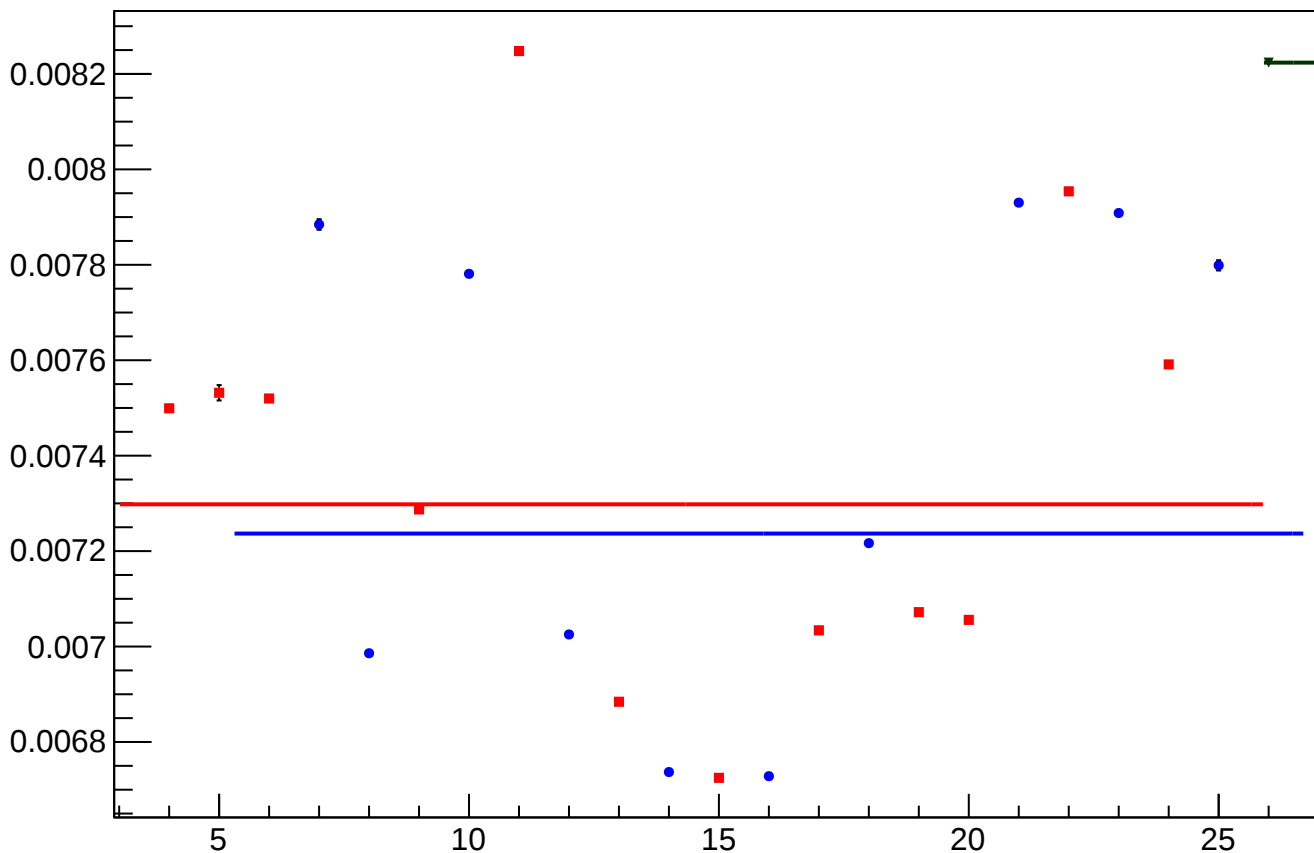
-0.260+/-0.000 χ^2/NDF : 3813657594.1/10

Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

-0.266+/-0.000 χ^2/NDF : 2610218769.9/11

Left In: -0.015+/-0.000 χ^2/NDF : 0.0/0

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

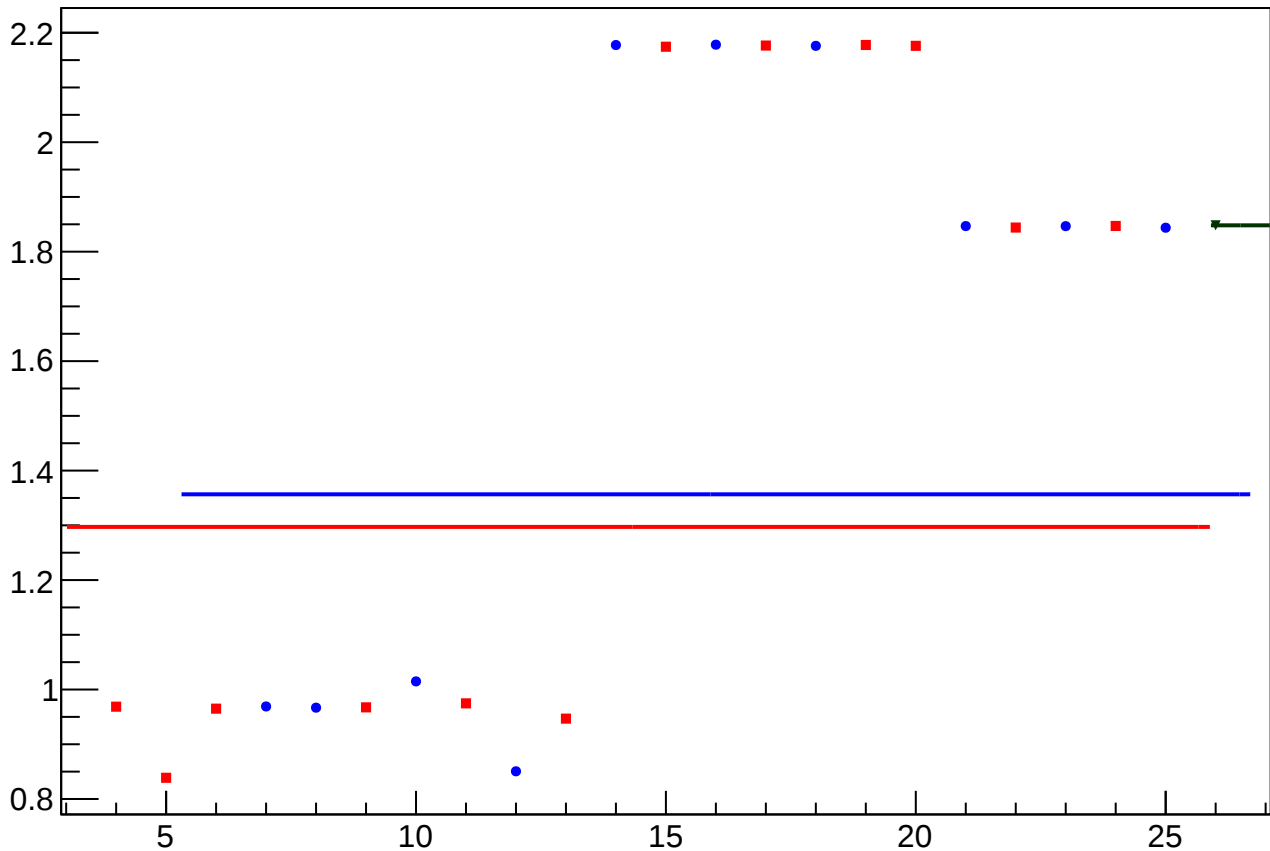
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

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 : 46835.5/11

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

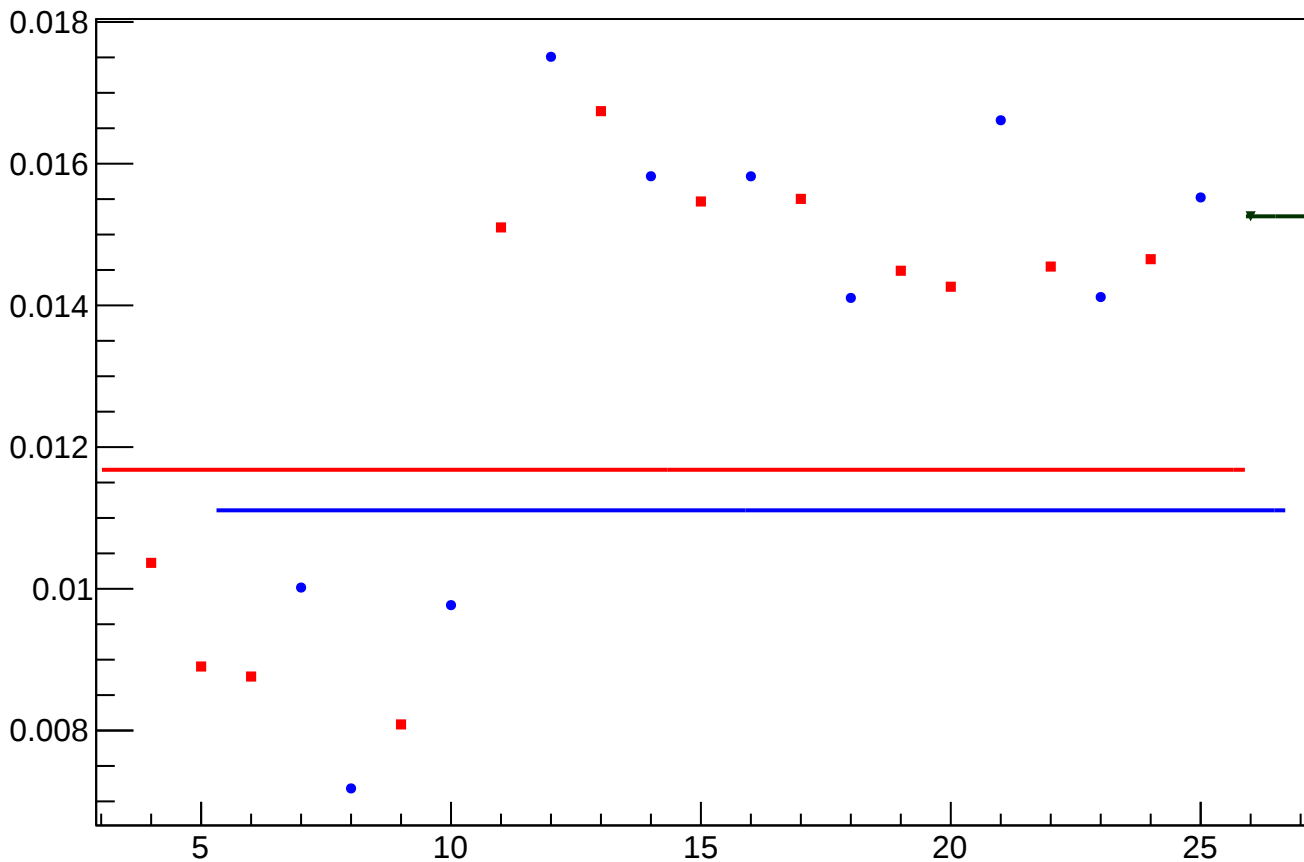
1.378 $\pm$ 0.000 χ^2 /NDF: 12845561841.8/10

Right Out: 1.297 $\pm$ 0.000 χ^2 /NDF: 10947439943.1/11

1.297 $\pm$ 0.000 χ^2 /NDF: 10947439943.1/11

Left In: 1.848 $\pm$ 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

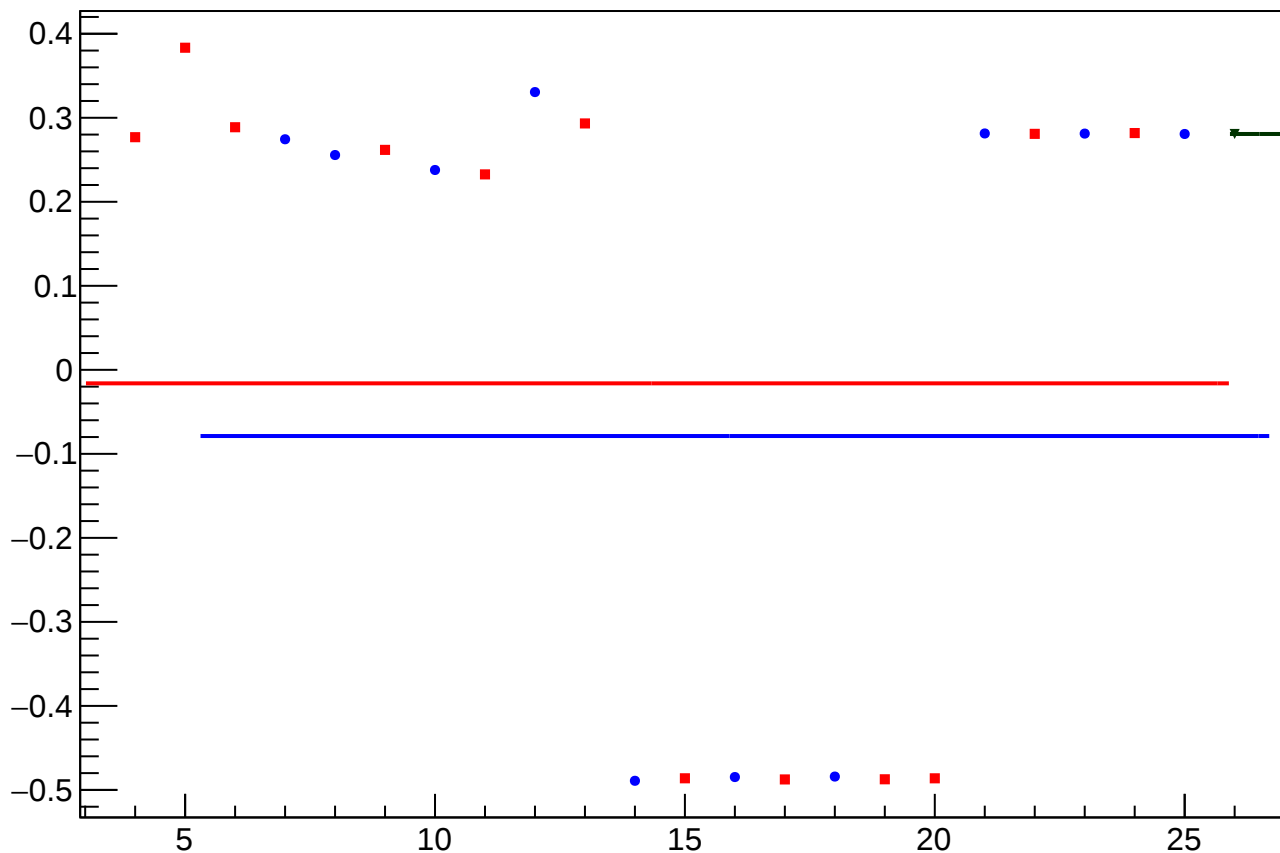
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

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 : 930559.5/11

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

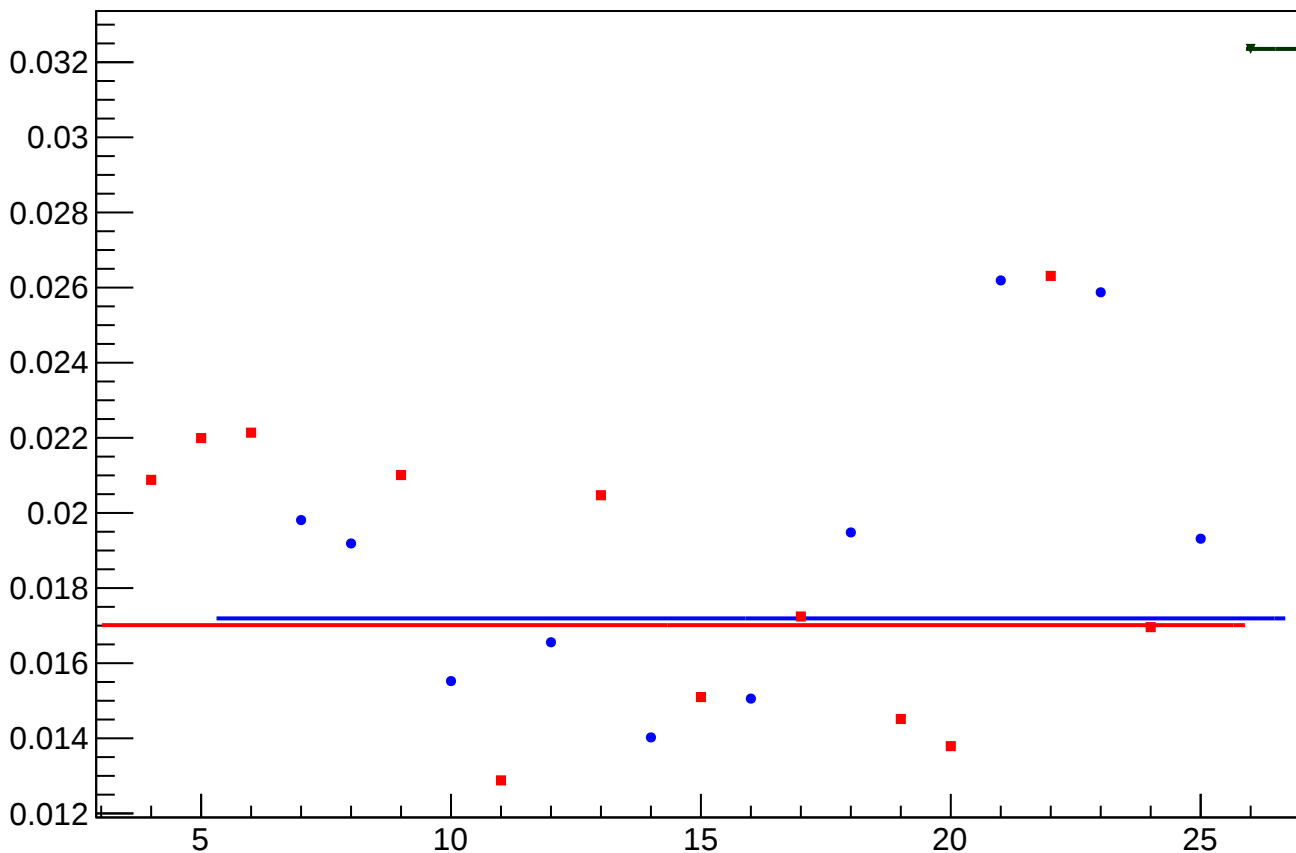
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.281+/-0.000 χ^2/NDF : 0.0/0

-0.071+/-0.000 χ^2/NDF : 2948731830.1/10

-0.016+/-0.000 χ^2/NDF : 2739143286.6/11

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

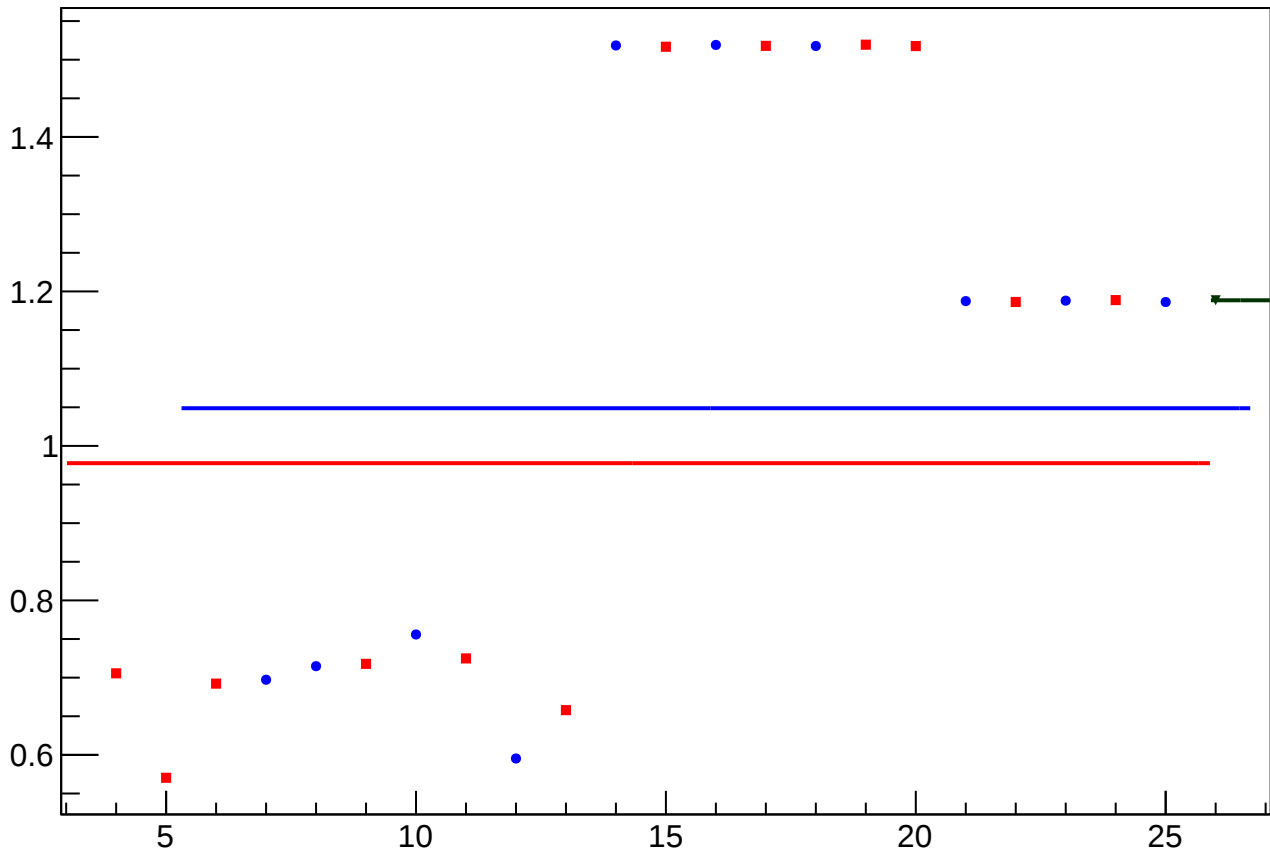
0.018+/-0.000 χ^2/NDF : 683051.3/10

Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.032+/-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

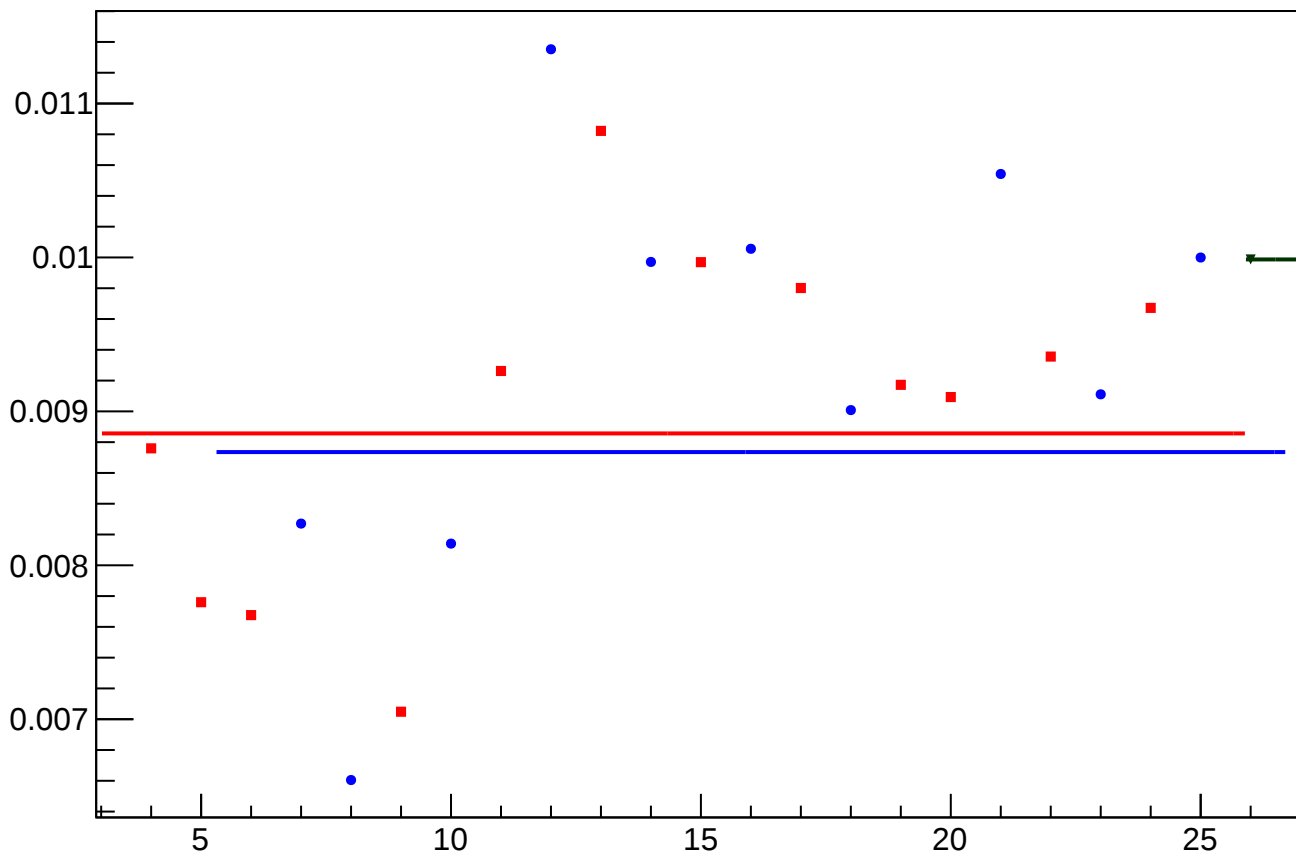
1.057+/-0.000 χ^2/NDF : 10353211375.2/10

Right Out: 0.978+/-0.000 χ^2/NDF : 9897401284.9/11

0.978+/-0.000 χ^2/NDF : 9897401284.9/11

Left In: 1.189+/-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

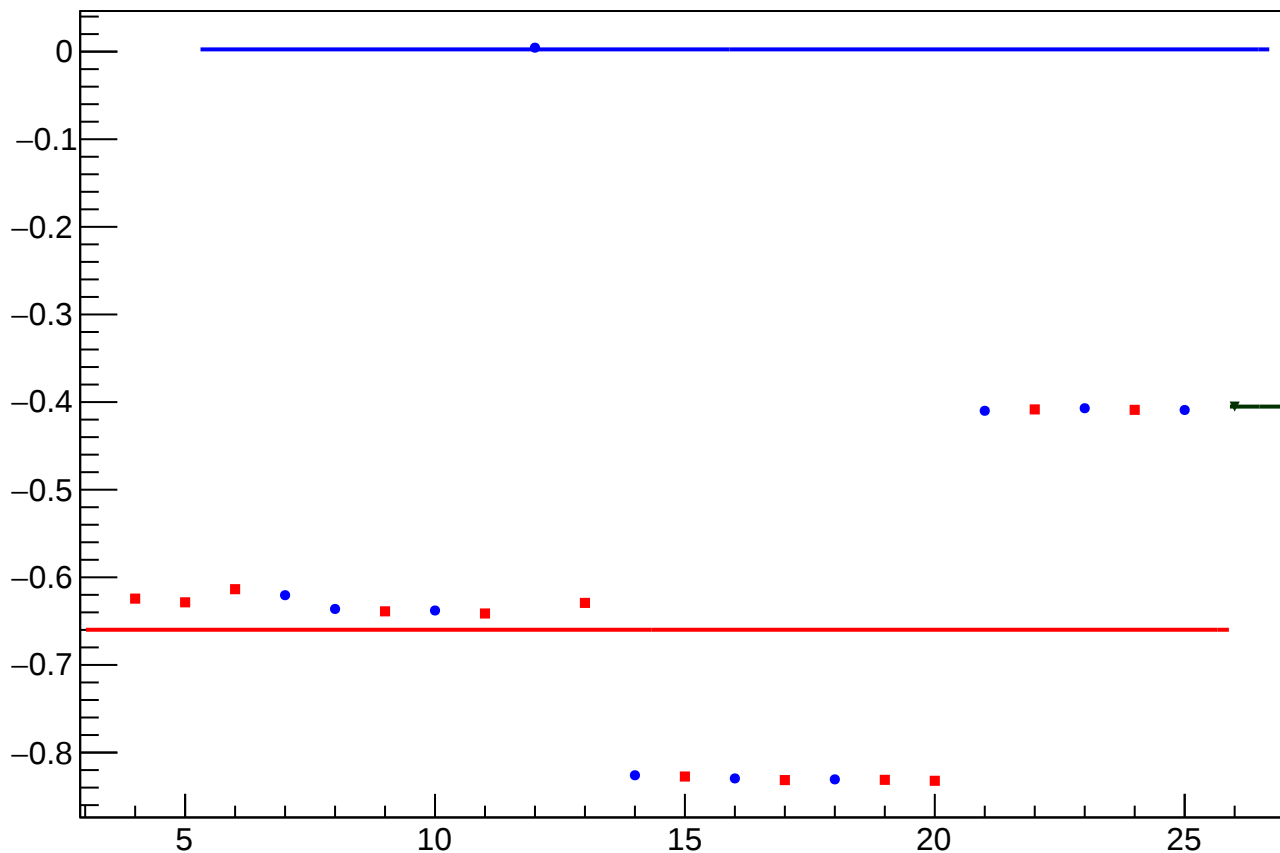
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

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 : 223846.5/11

yield_bpm4acX_mean vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 51925247581.1/9

Left Out: -0.405+/-0.000 χ^2/NDF : 0.0/0

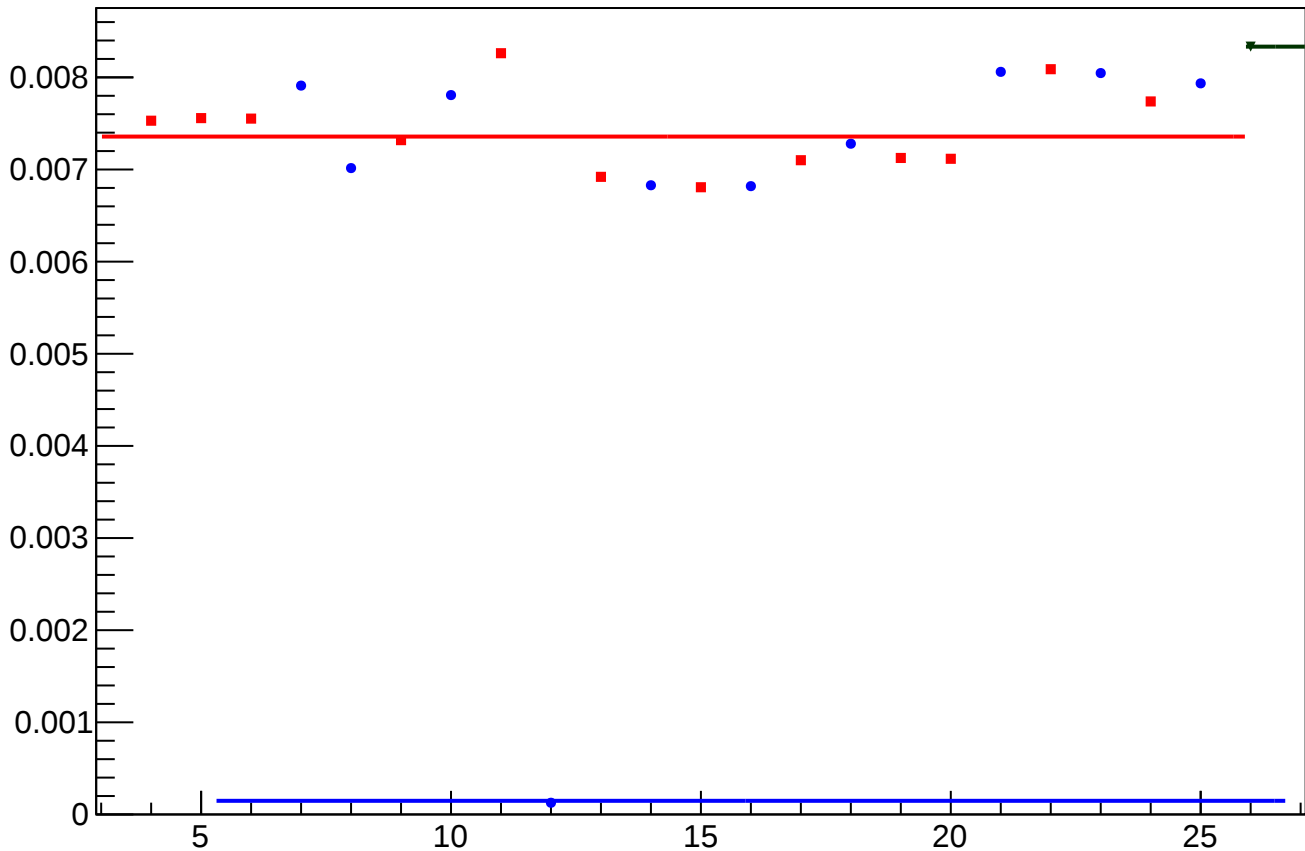
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.405+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 53093761714.1/10

-0.660+/-0.000 χ^2/NDF : 2254569212.9/11

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

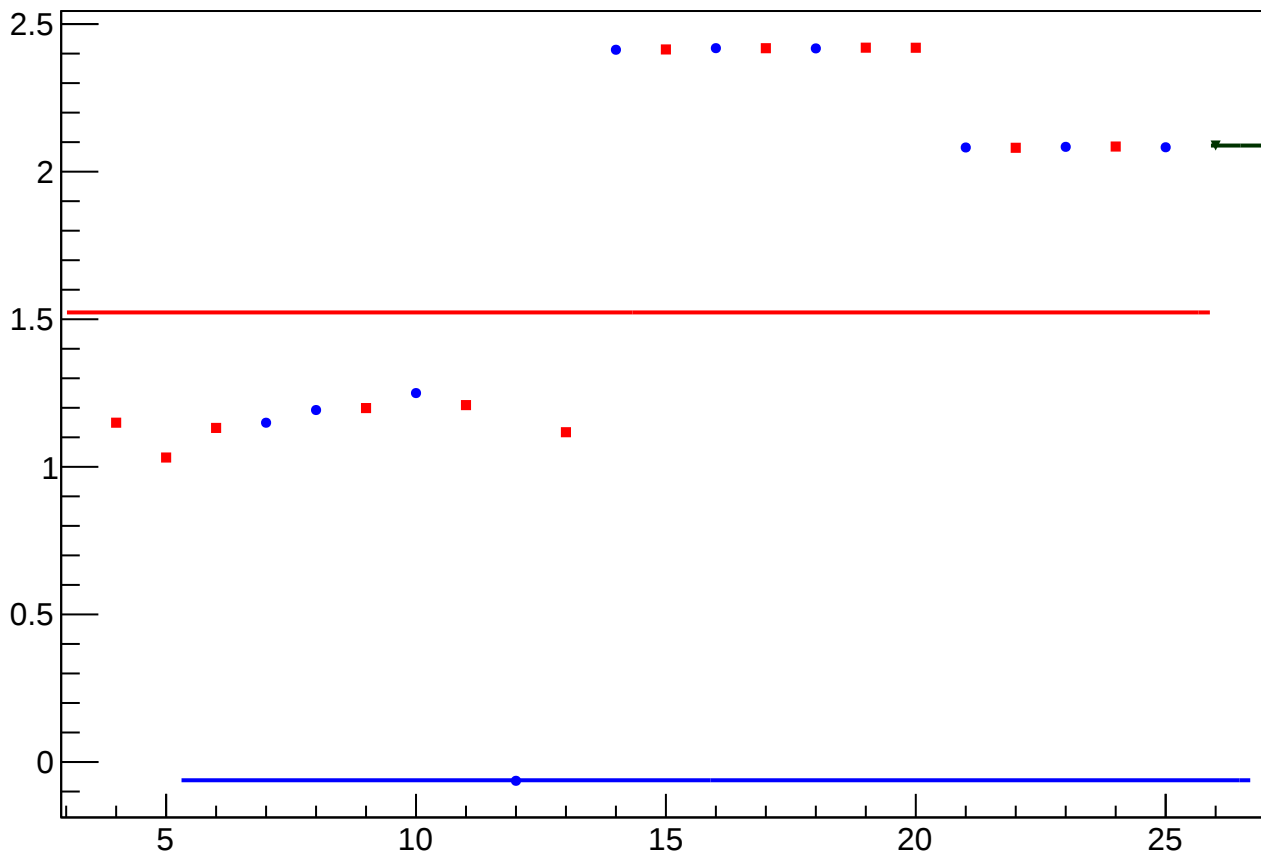
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

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 : 46926.6/11

yield_bpm4acY_mean vs slug



Right In: -0.062 $\pm$ 0.000 χ^2 /NDF: 126997111883.8/9

Left Out: 2.088 $\pm$ 0.000 χ^2 /NDF: 0.0/0

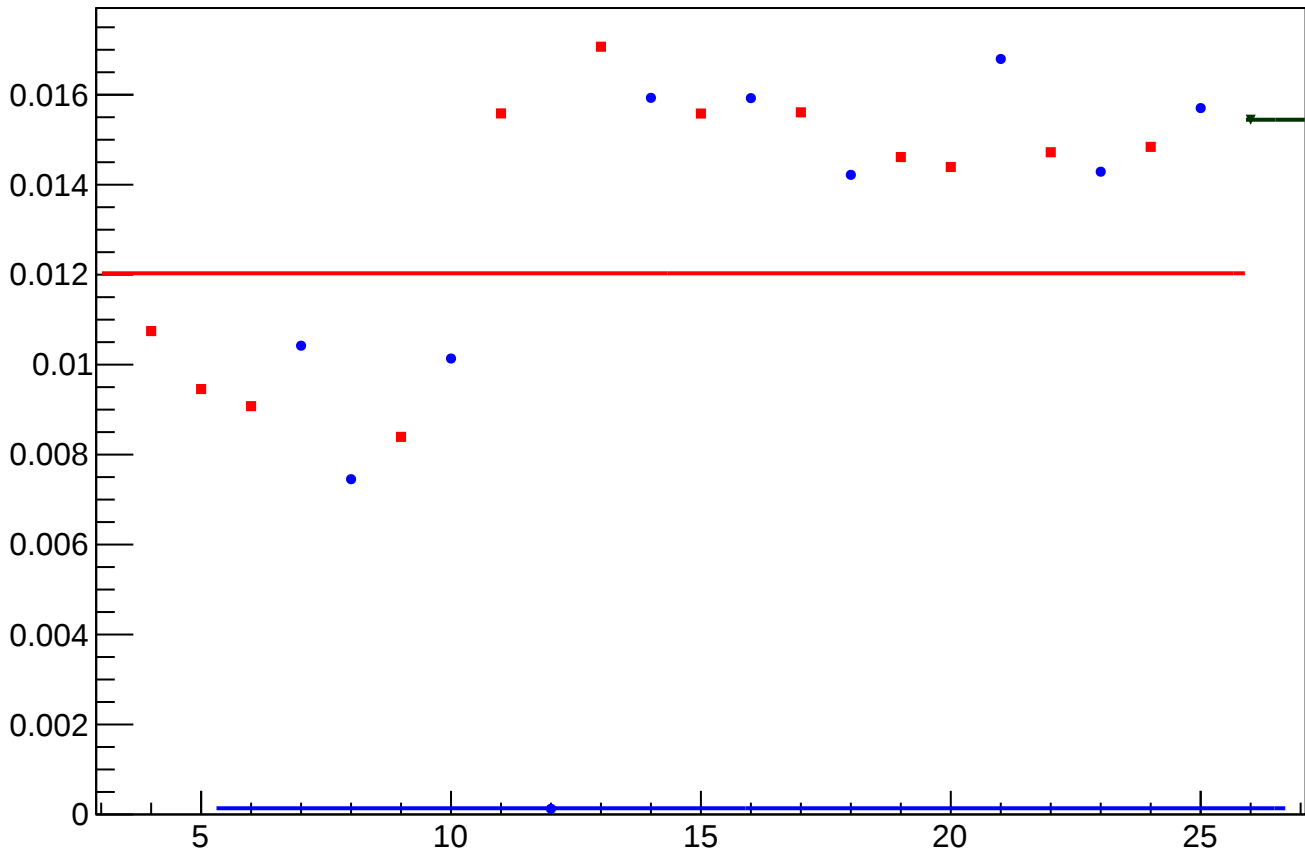
Right Out: 1.523 $\pm$ 0.000 χ^2 /NDF: 11362537231.2/11

Left In: 2.088 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.062 $\pm$ 0.000 χ^2 /NDF: 136228740655.6/10

1.523 $\pm$ 0.000 χ^2 /NDF: 11362537231.2/11

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

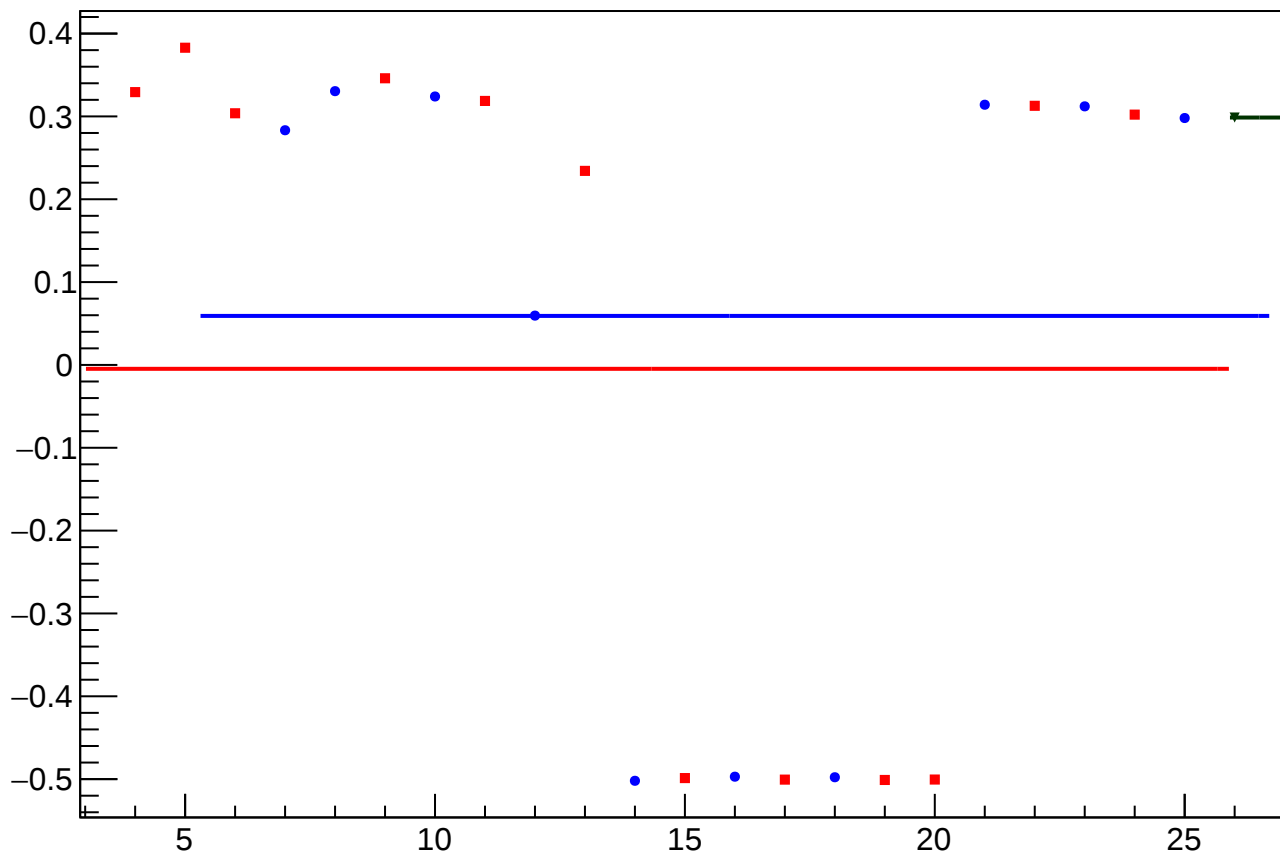
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

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 : 858730.1/11

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

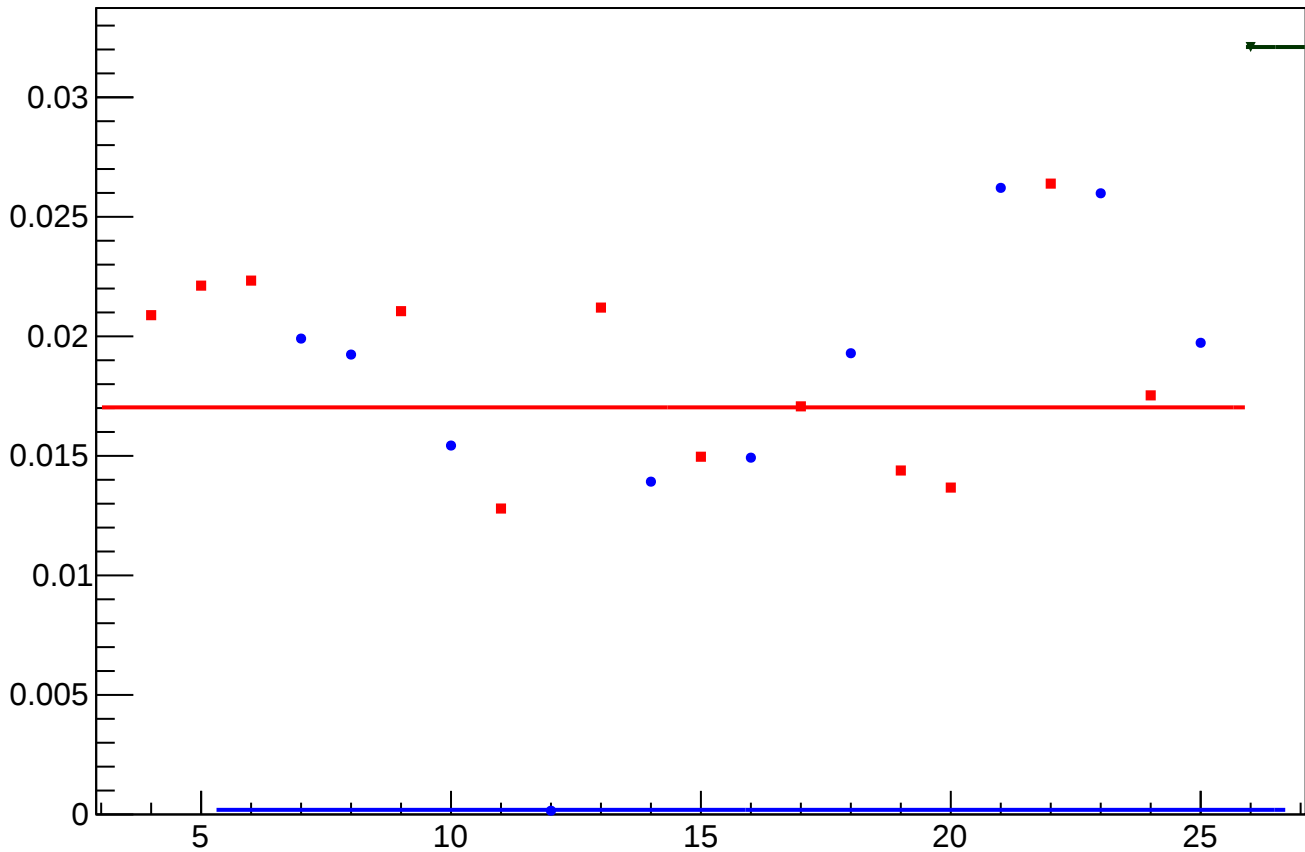
Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

Left In: 0.299+/-0.000 χ^2/NDF : 0.0/0

0.059+/-0.000 χ^2/NDF : 3567375528.0/10

-0.005+/-0.000 χ^2/NDF : 3140963258.0/11

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10989835.4/9

Left Out: 0.032+/-0.000 χ^2/NDF : 0.0/0

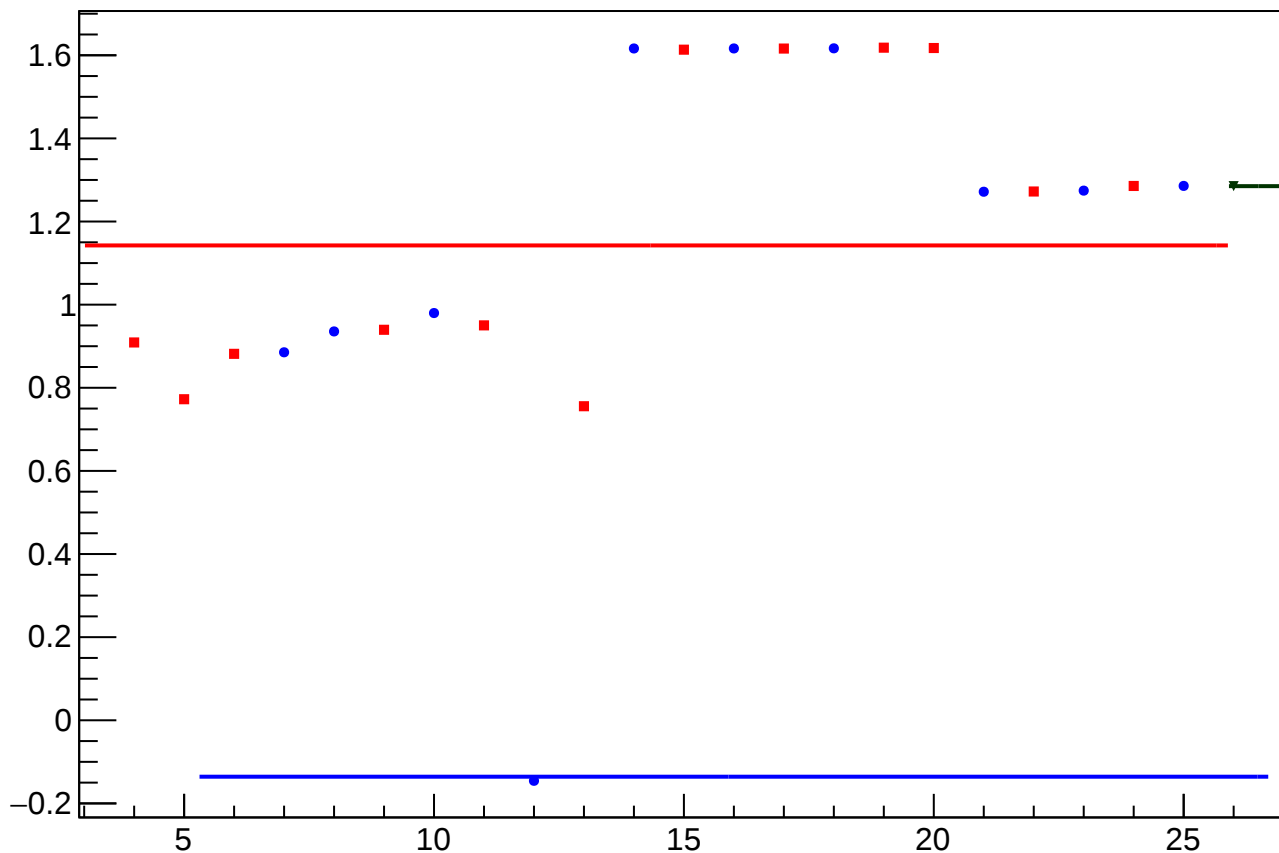
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.032+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11922521.6/10

0.017+/-0.000 χ^2/NDF : 584593.5/11

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

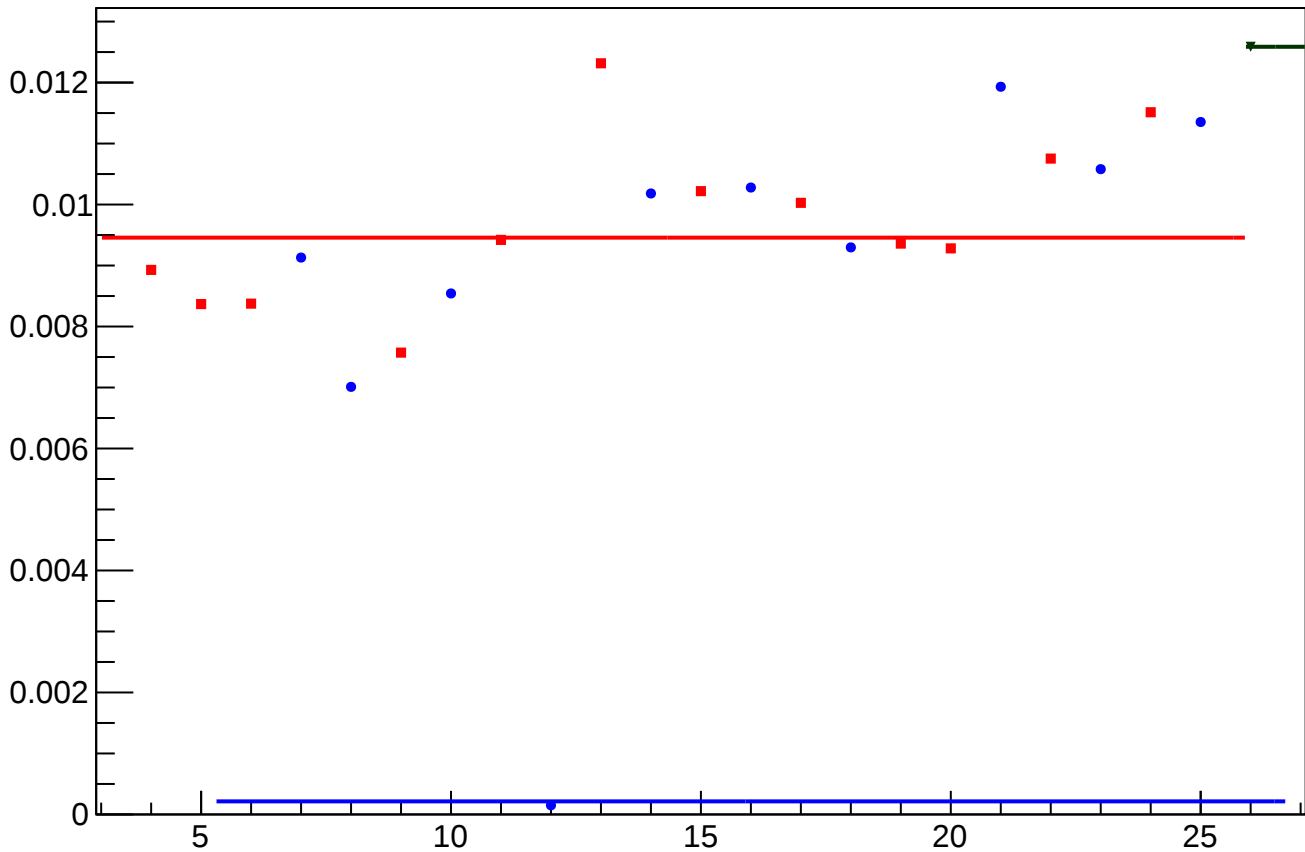
Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

Left In: 1.285+/-0.000 χ^2/NDF : 0.0/0

-0.135+/-0.000 χ^2/NDF : 137075487696.7/10

1.142+/-0.000 χ^2/NDF : 7015082012.3/11

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

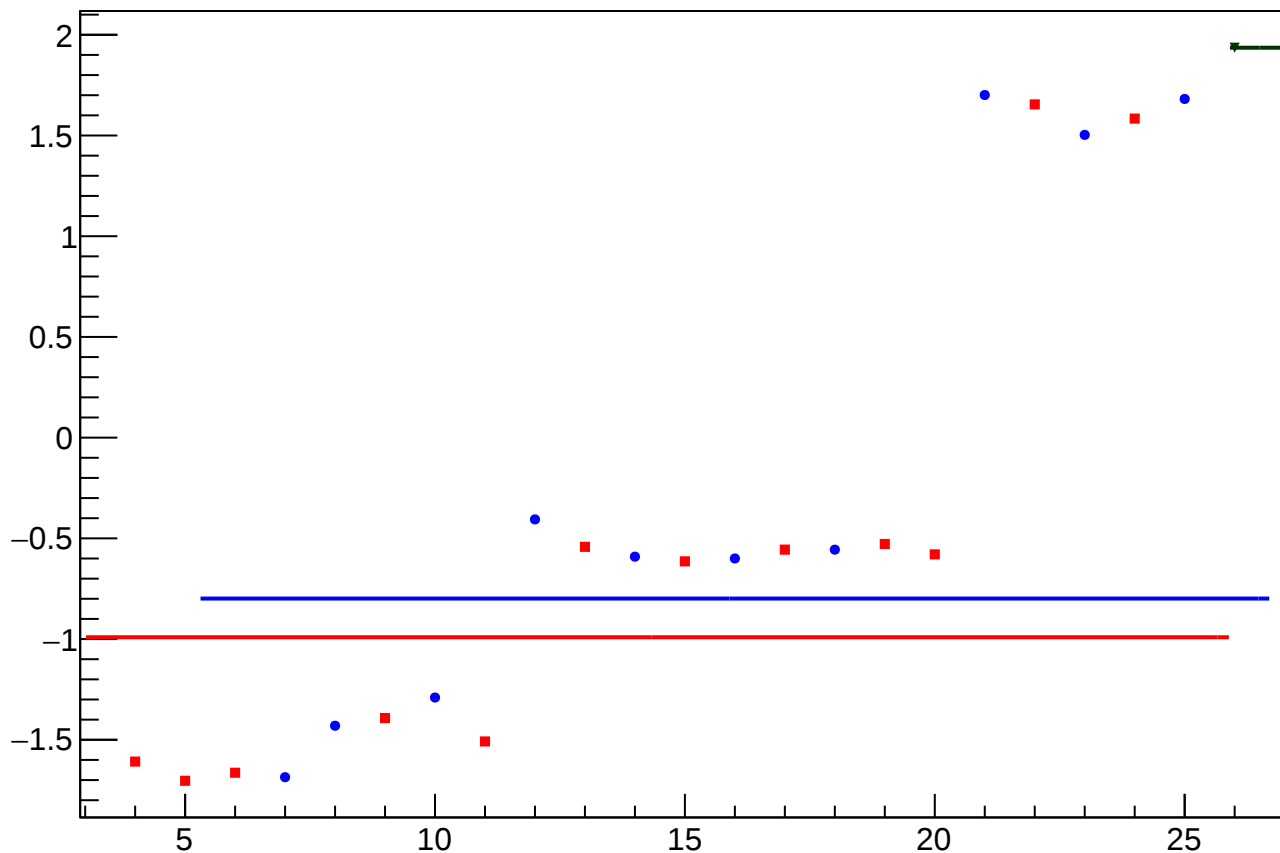
Right Out: 0.009+/-0.000 χ^2/NDF : 269492.1/11

Left In: 0.013+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 11710540.4/10

0.009+/-0.000 χ^2/NDF : 269492.1/11

yield_bpm1X_mean vs slug



Right In: -0.799 $\pm$ 0.000 χ^2 /NDF: 2108272061.1/9

Left Out: 1.936 $\pm$ 0.000 χ^2 /NDF:0.0/0

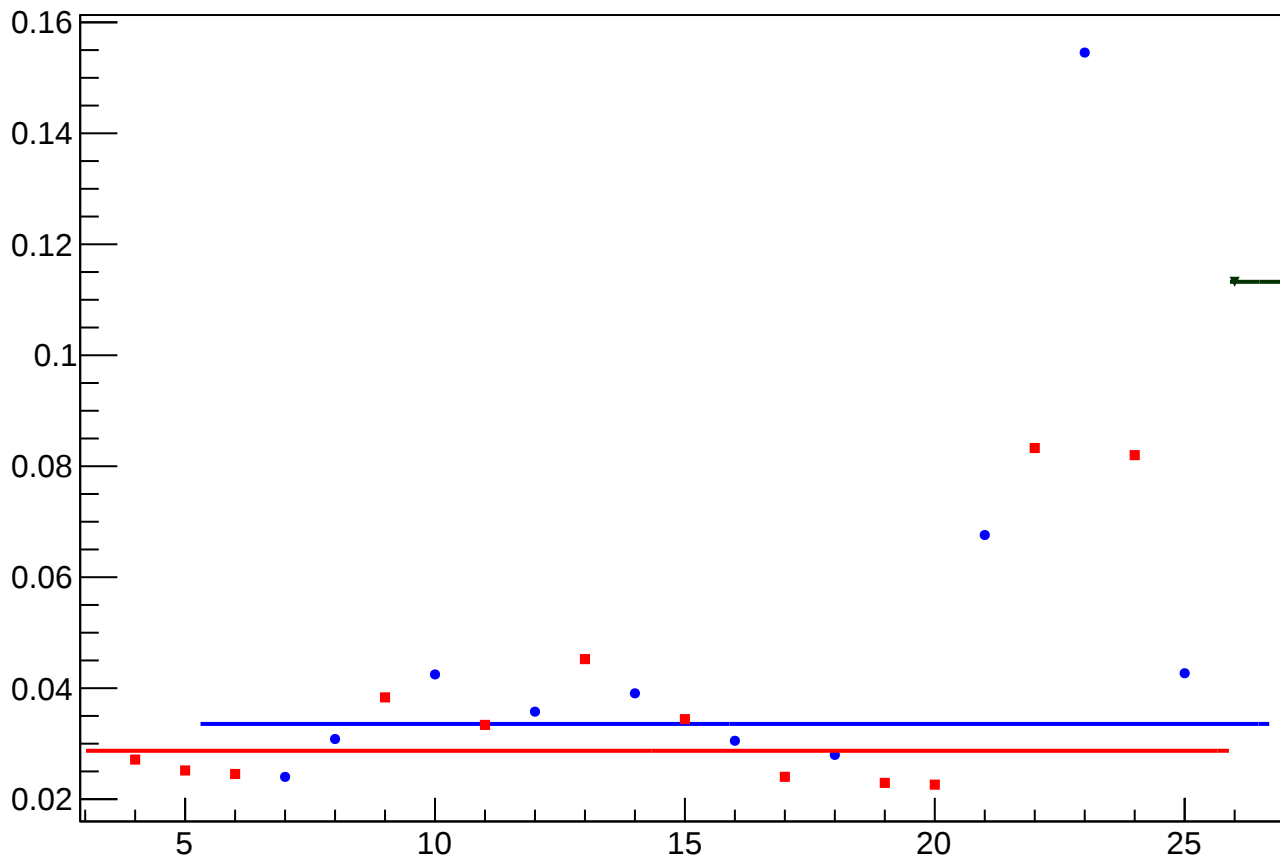
Right Out: -0.991 $\pm$ 0.000 χ^2 /NDF: 2016562689.3/11

Left In: 1.936 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.778 $\pm$ 0.000 χ^2 /NDF: 2327098323.5/10

-0.991 $\pm$ 0.000 χ^2 /NDF: 2016562689.3/11

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

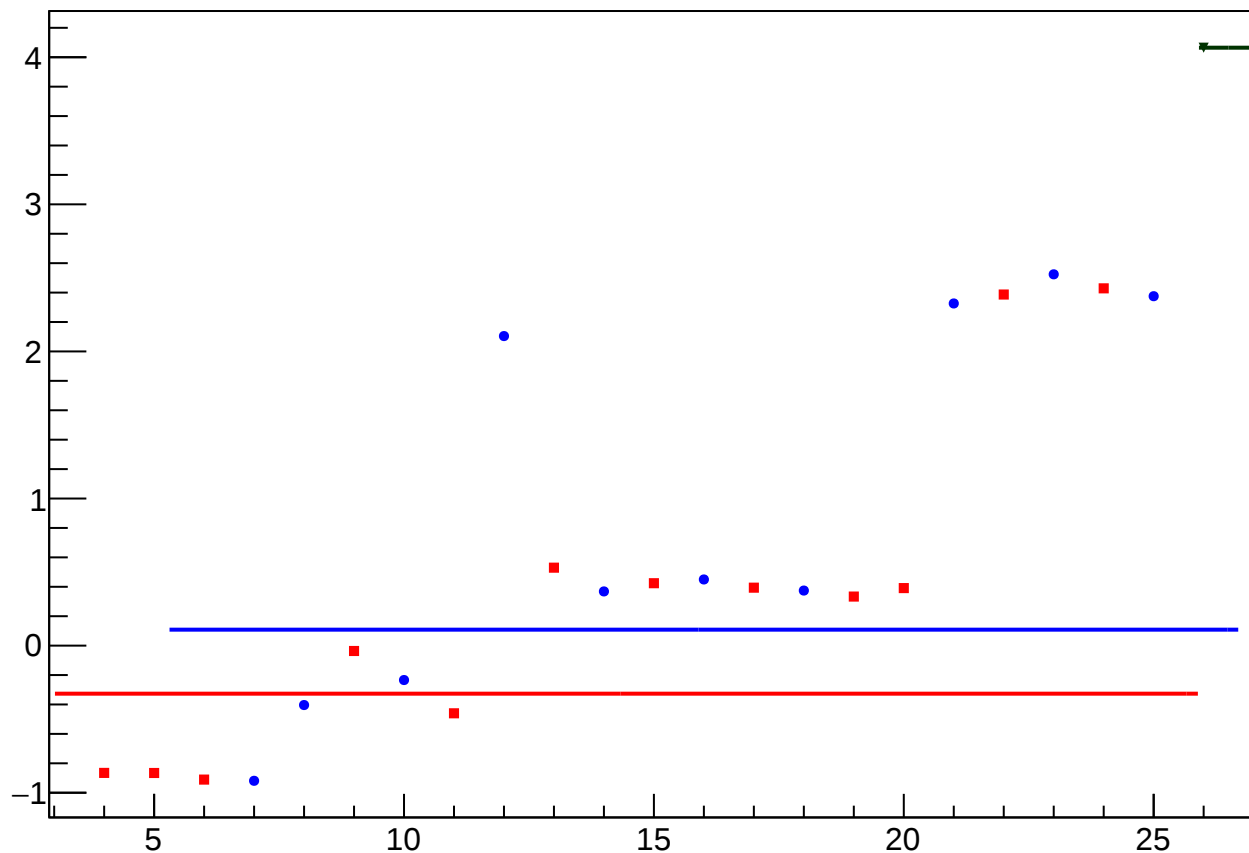
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.113+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 1405299.2/10

0.029+/-0.000 χ^2/NDF : 965052.5/11

yield_bpm1Y_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 8111501728.9/9

Left Out: 4.065+/-0.000 χ^2/NDF : 0.0/0

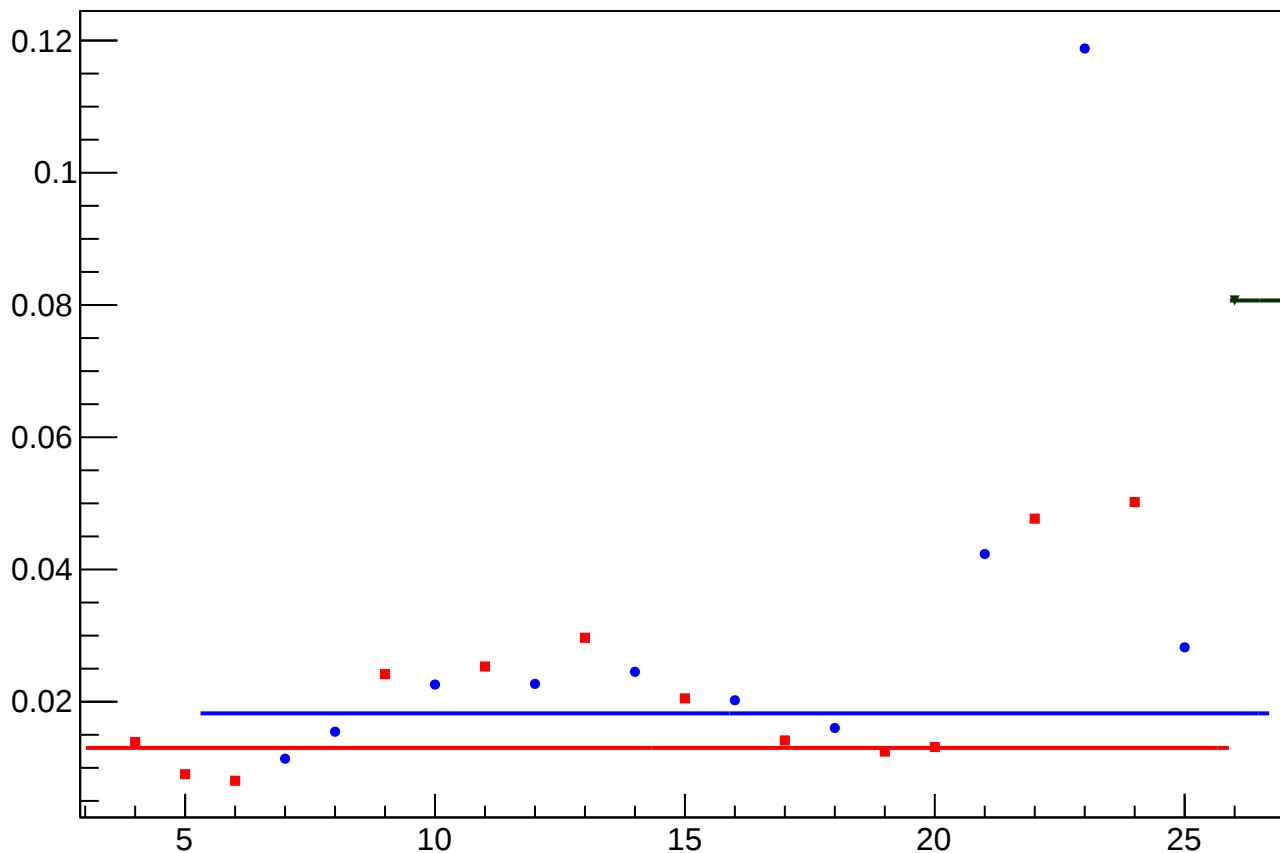
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 4.065+/-0.000 χ^2/NDF : 0.0/0

0.128+/-0.000 χ^2/NDF : 8978308998.1/10

-0.327+/-0.000 χ^2/NDF : 9287320551.8/11

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

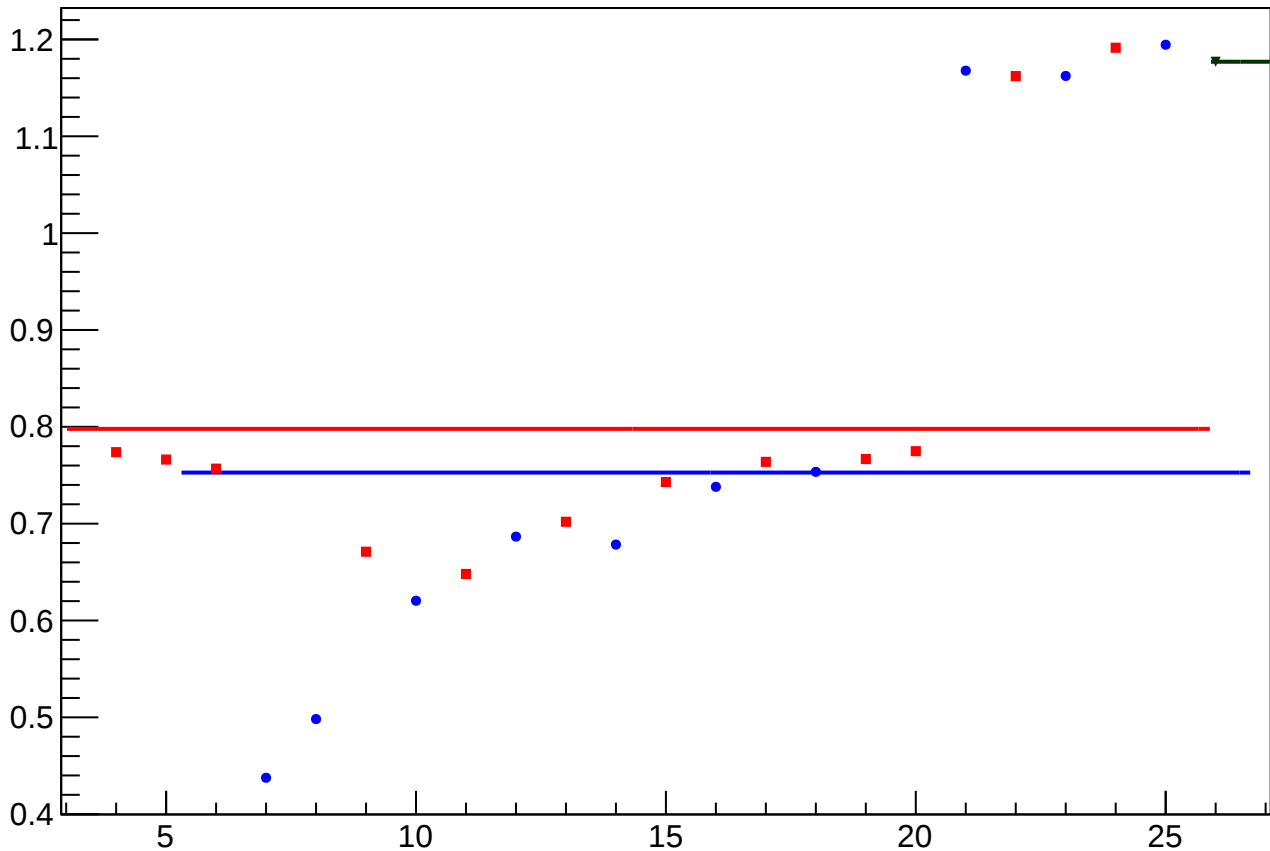
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.081+/-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 : 1857519.6/11

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

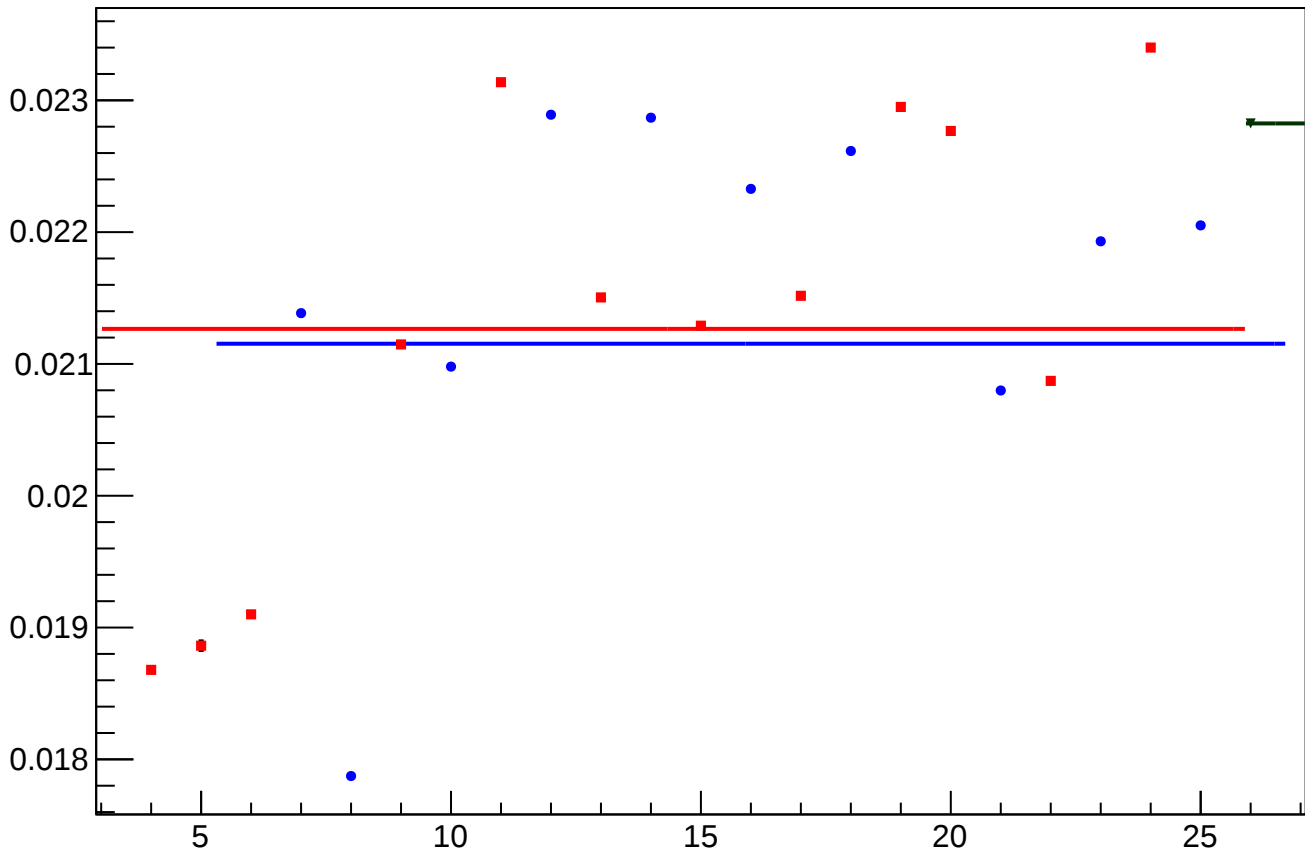
0.779+/-0.000 χ^2/NDF : 998964089.6/10

Right Out: 0.798+/-0.000 χ^2/NDF : 394047843.5/11

0.798+/-0.000 χ^2/NDF : 394047843.5/11

Left In: 1.177+/-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

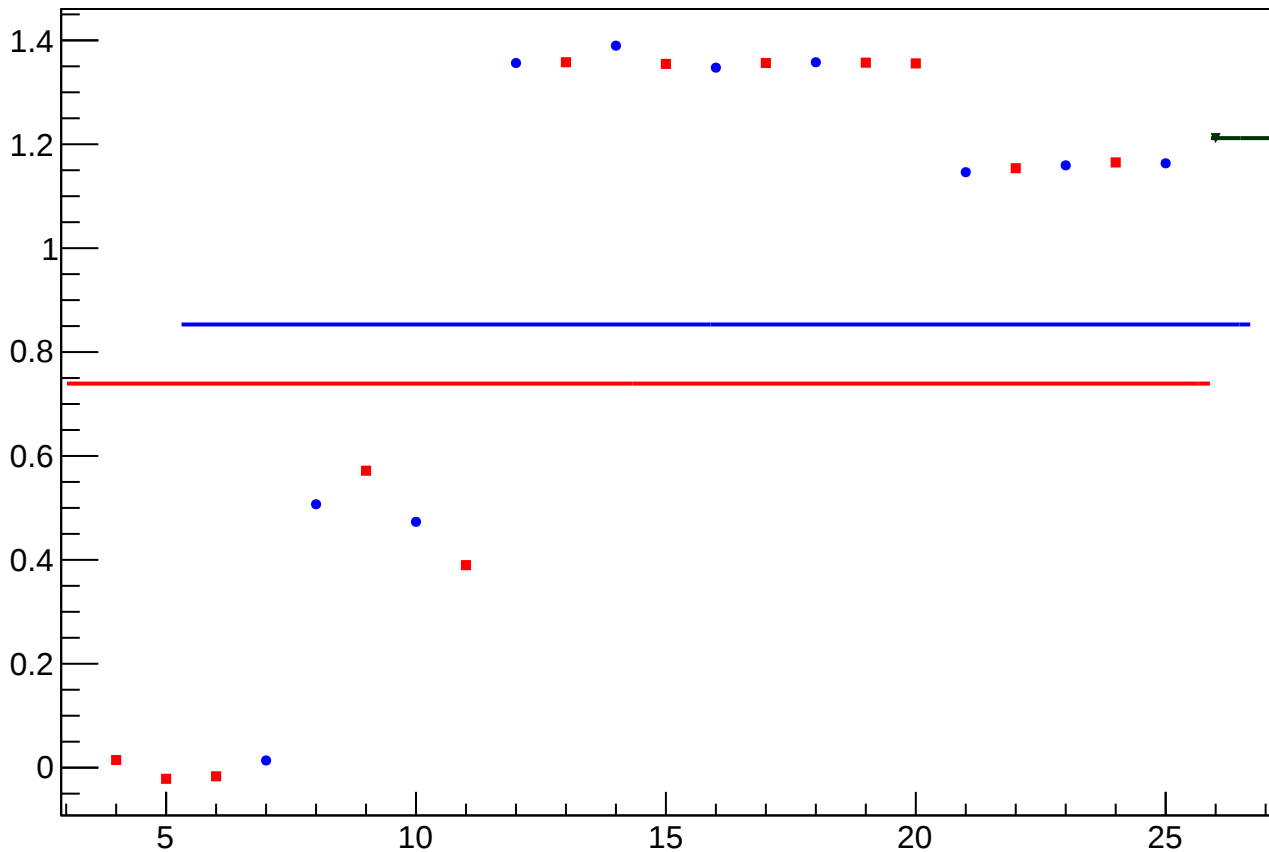
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.023+/-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 : 58605.8/11

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

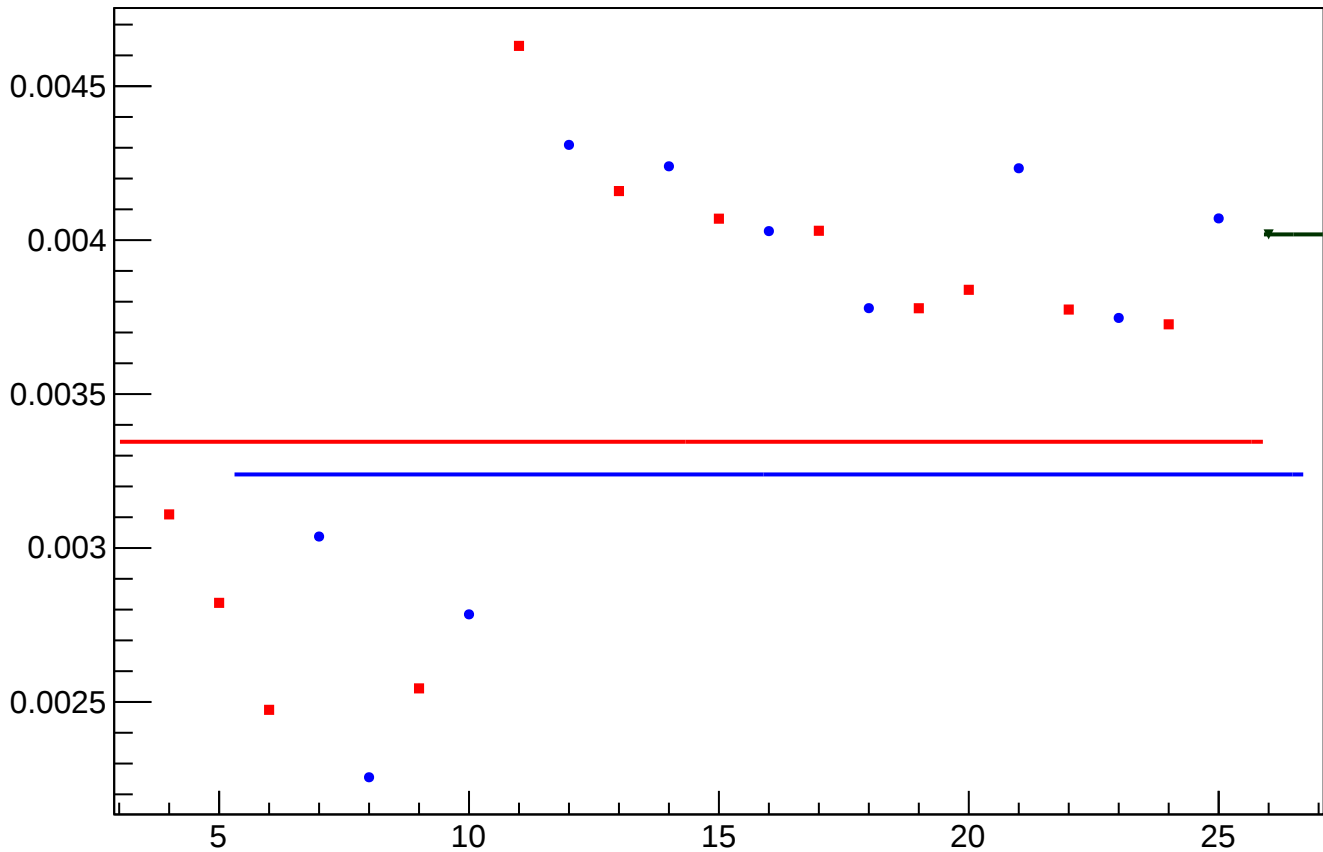
0.871+/-0.000 χ^2/NDF : 108360372244.6/10

Right Out: 0.739+/-0.000 χ^2/NDF : 163147236052.0/11

0.739+/-0.000 χ^2/NDF : 163147236052.0/11

Left In: 1.212+/-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

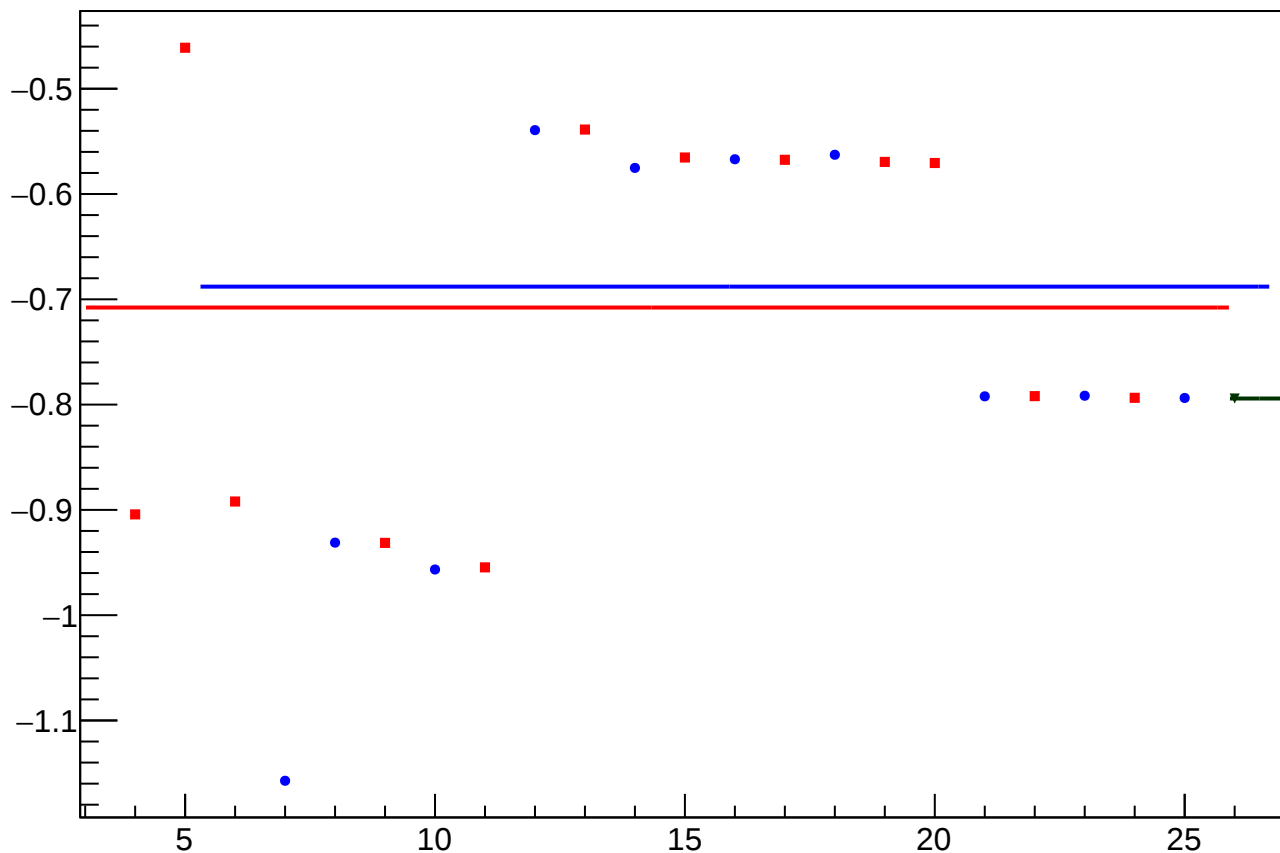
0.003+/-0.000 χ^2/NDF : 779674.4/10

Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF : 0.0/0

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

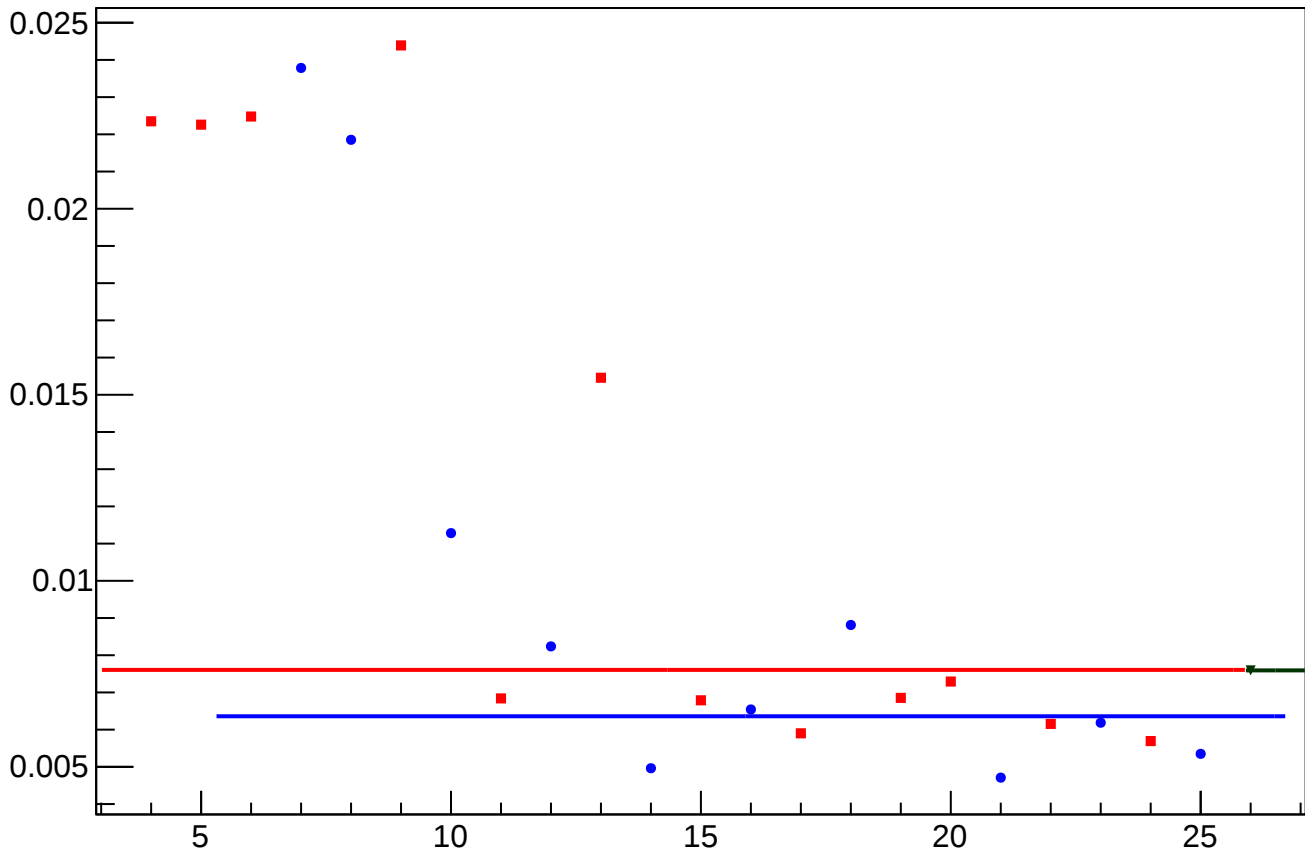
Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

Left In: -0.794+/-0.000 χ^2/NDF : 0.0/0

-0.695+/-0.000 χ^2/NDF : 1908692534.4/10

-0.708+/-0.000 χ^2/NDF : 1719681121.8/11

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

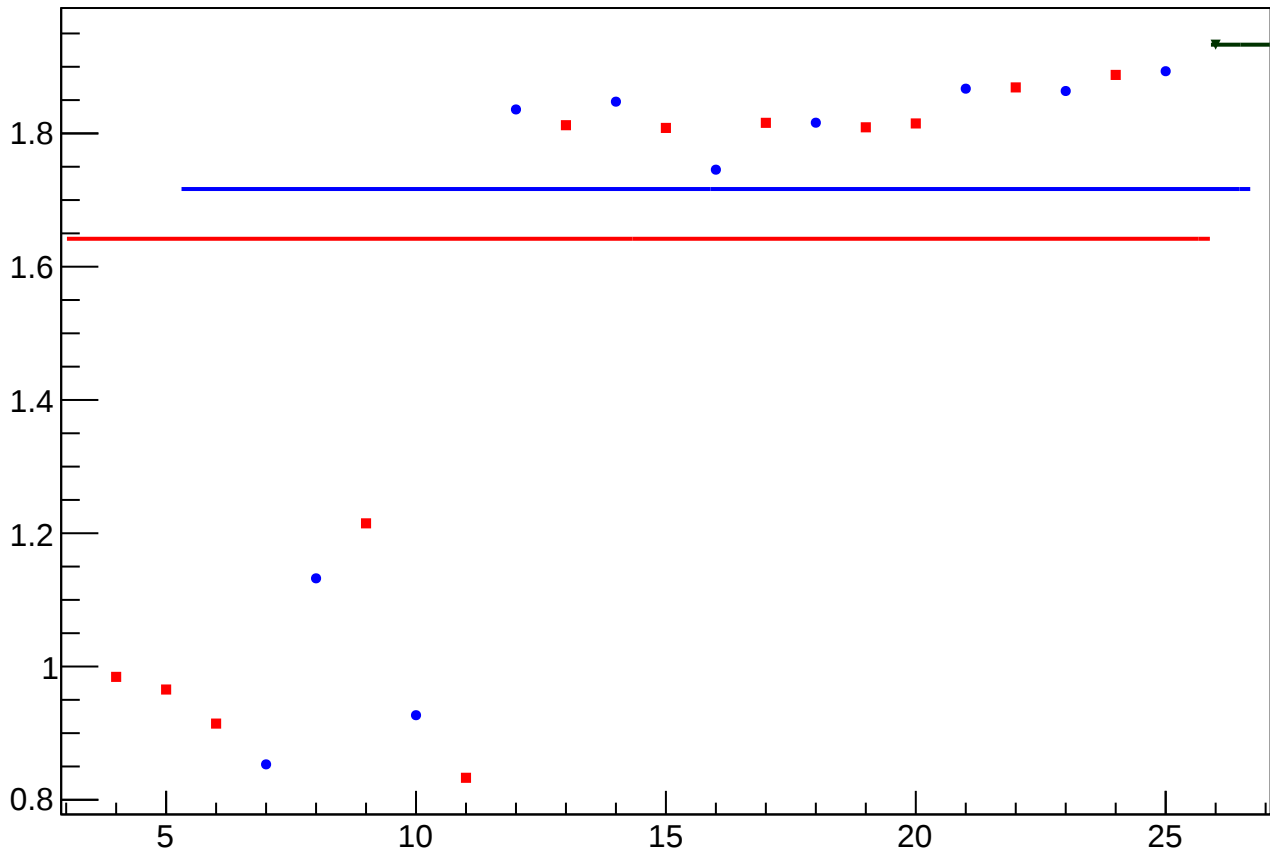
Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

Left In: 0.008+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1852881.2/10

0.008+/-0.000 χ^2/NDF : 2293990.6/11

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

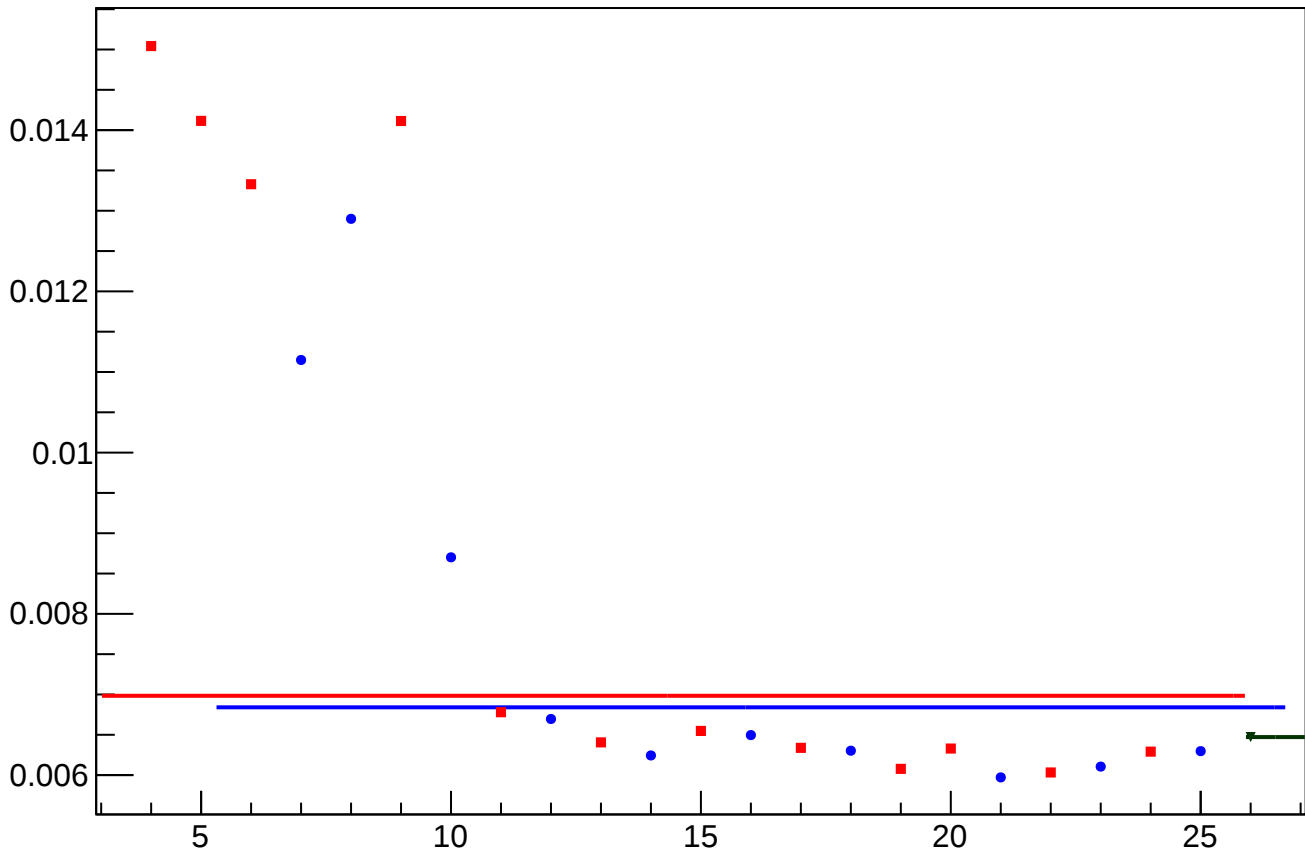
1.735 $\pm$ 0.000 χ^2 /NDF: 11412667167.1/10

Right Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 15751478429.4/11

Left In: 1.933 $\pm$ 0.000 χ^2 /NDF:0.0/0

1.642 $\pm$ 0.000 χ^2 /NDF: 15751478429.4/11

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

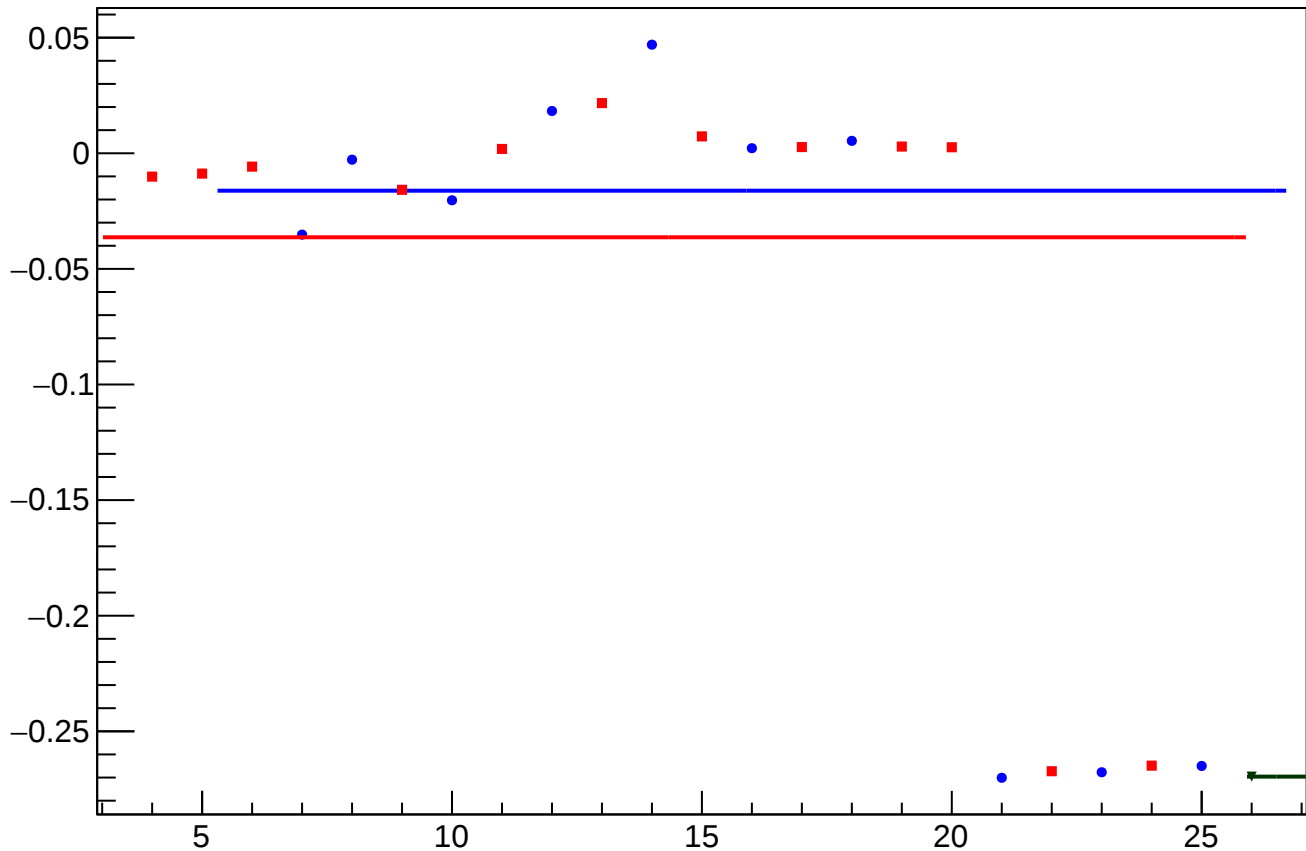
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

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 : 973579.9/11

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

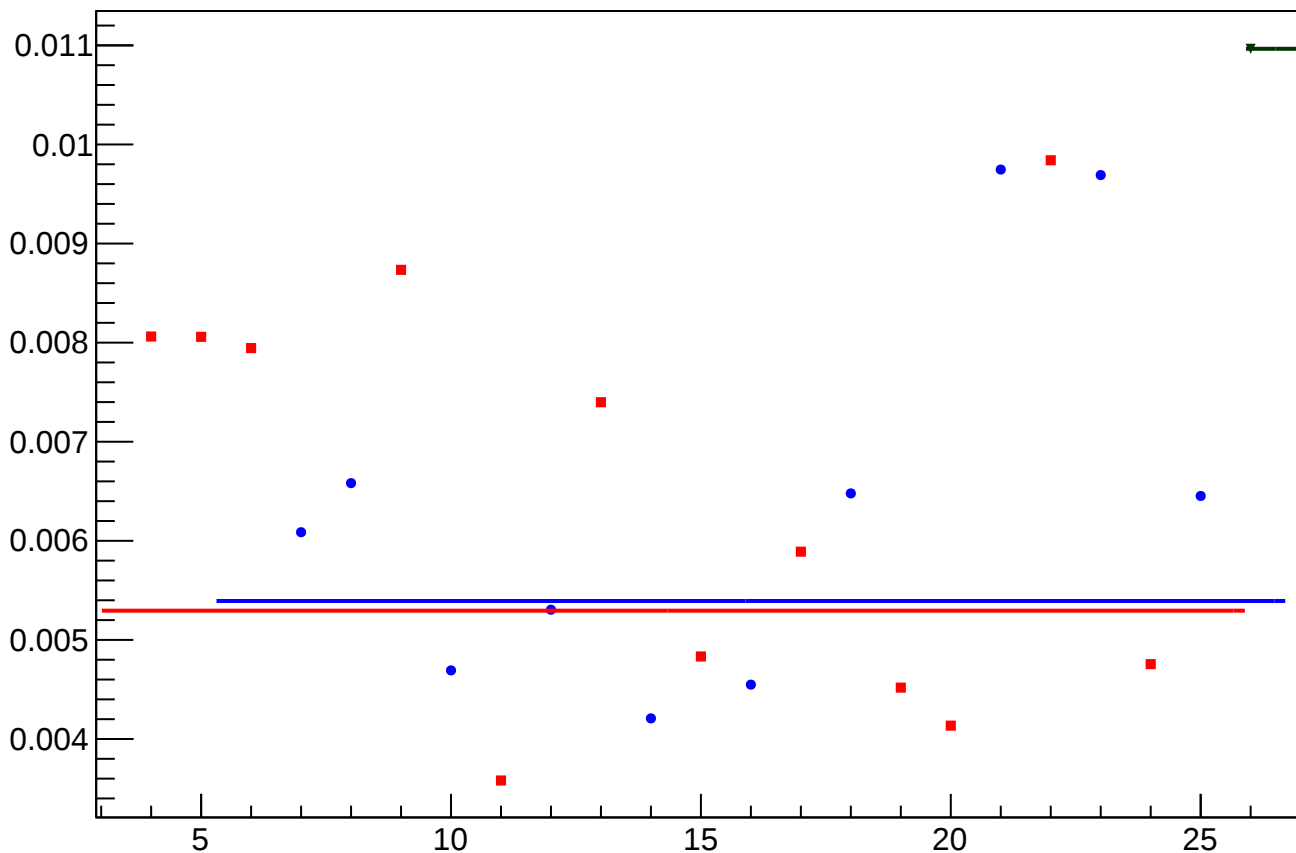
-0.021+/-0.000 χ^2/NDF : 1697154785.4/10

Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

-0.036+/-0.000 χ^2/NDF : 1742147509.6/11

Left In: -0.270+/-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

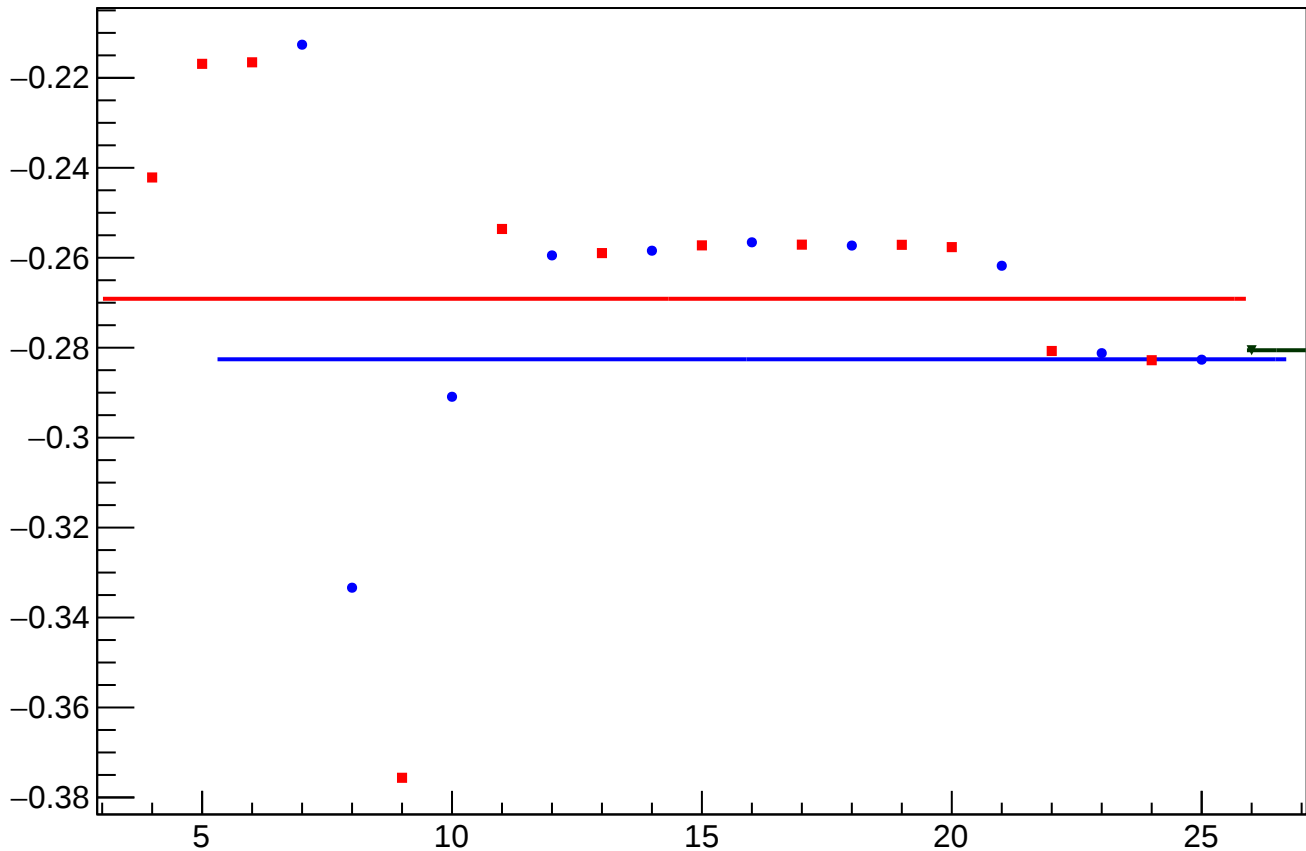
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.011+/-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 : 1206788.4/11

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

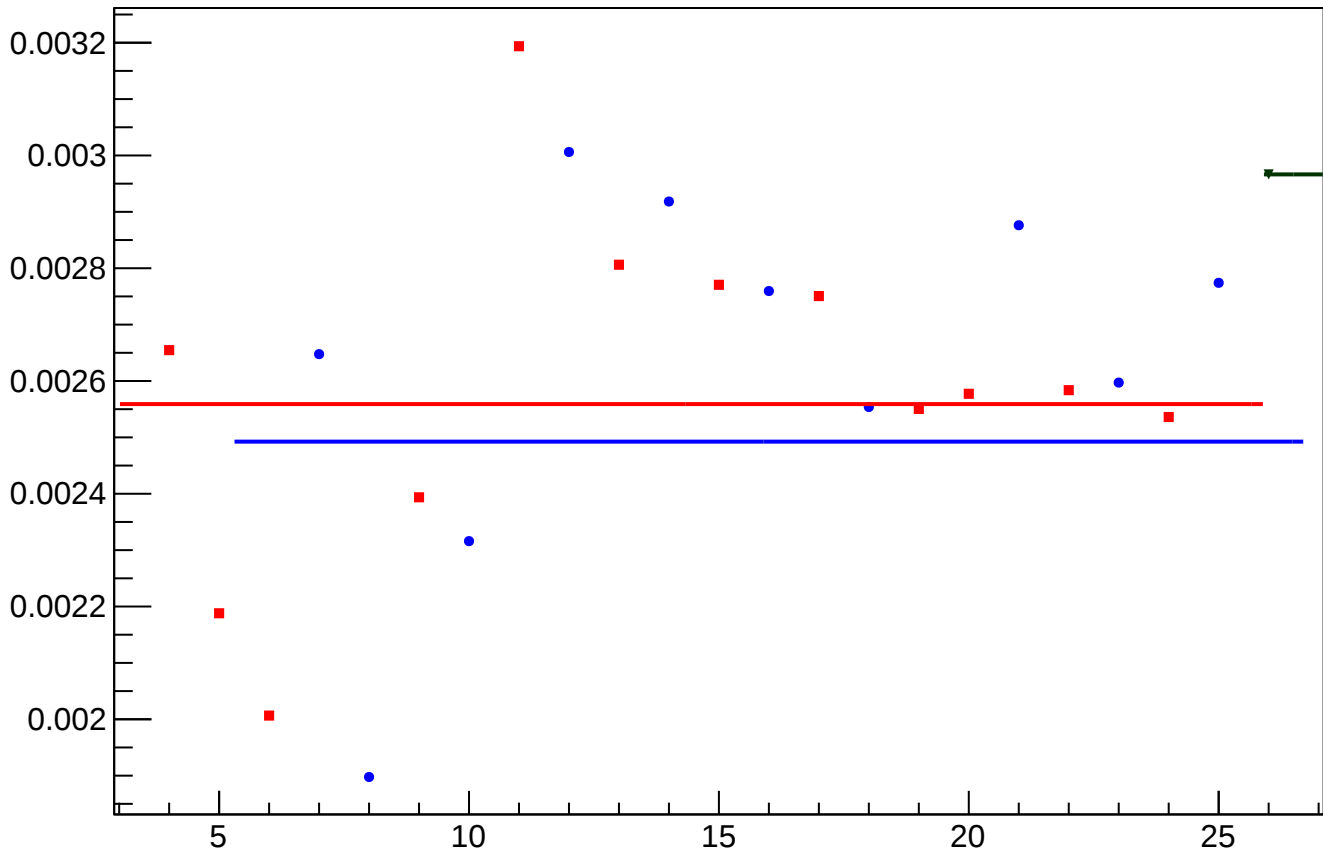
-0.282+/-0.000 χ^2/NDF : 1067253290.0/10

Right Out: -0.269+/-0.000 χ^2/NDF : 1935701786.6/11

-0.269+/-0.000 χ^2/NDF : 1935701786.6/11

Left In: -0.281+/-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

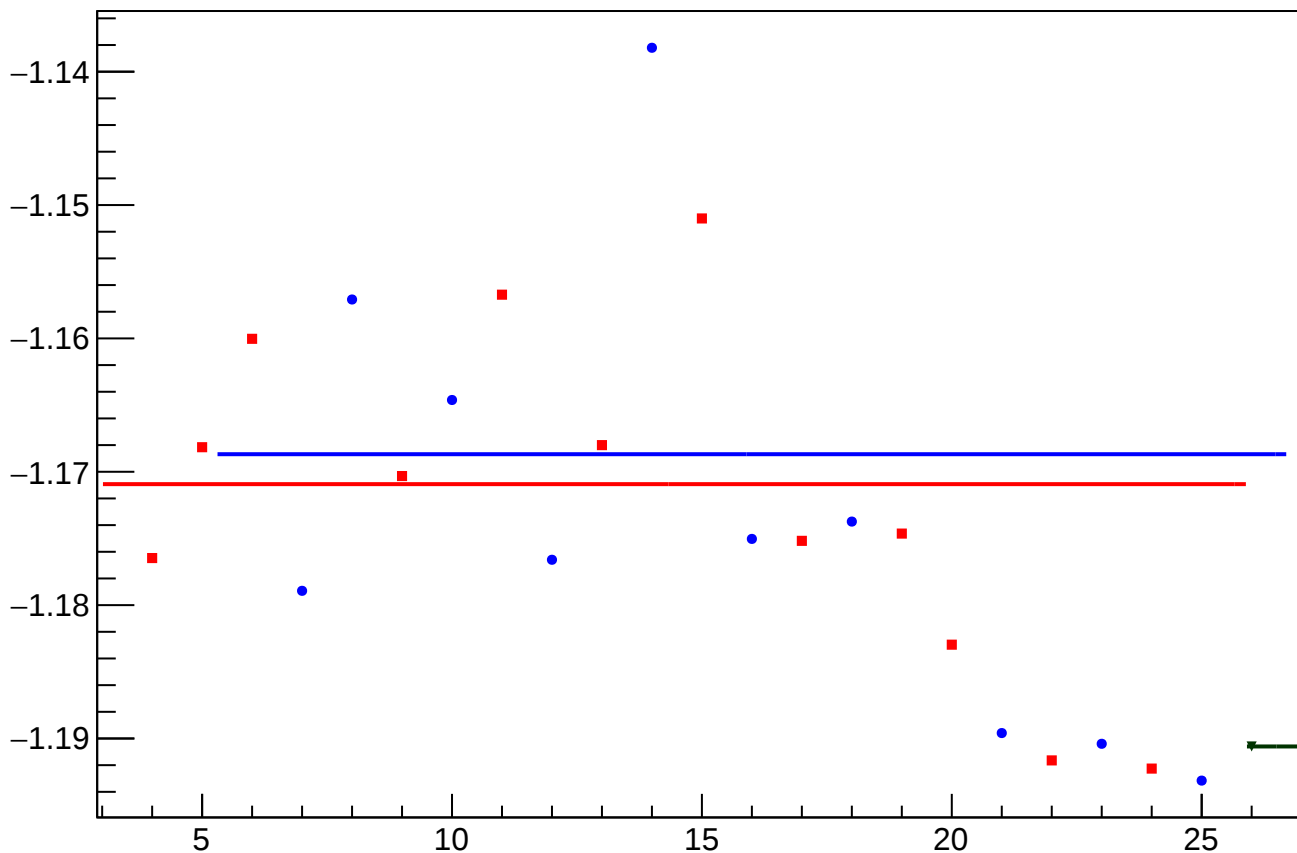
Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

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 : 176456.4/11

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

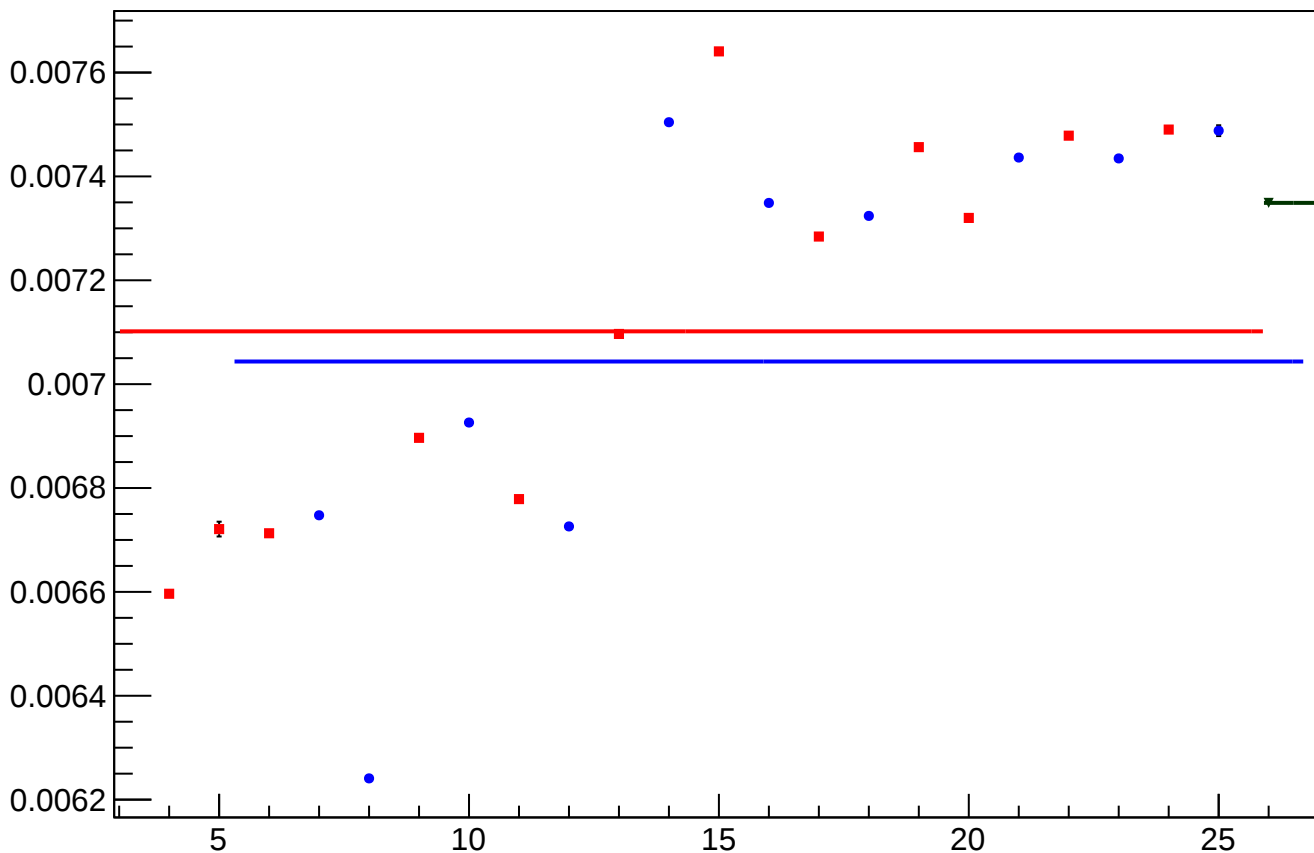
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.191+/-0.000 χ^2/NDF : 0.0/0

-1.170+/-0.000 χ^2/NDF : 39630870.2/10

-1.171+/-0.000 χ^2/NDF : 18815971.2/11

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

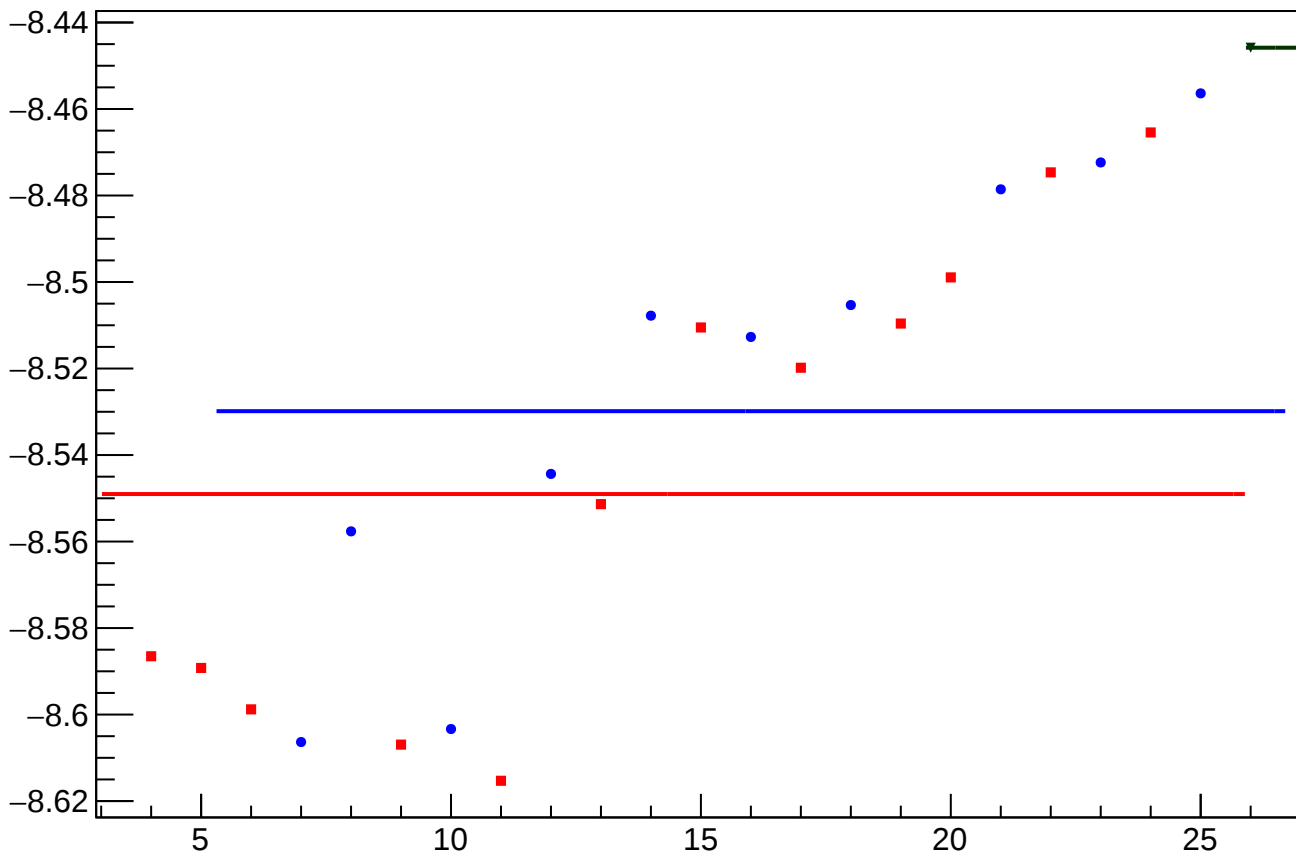
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

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 : 27872.8/11

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

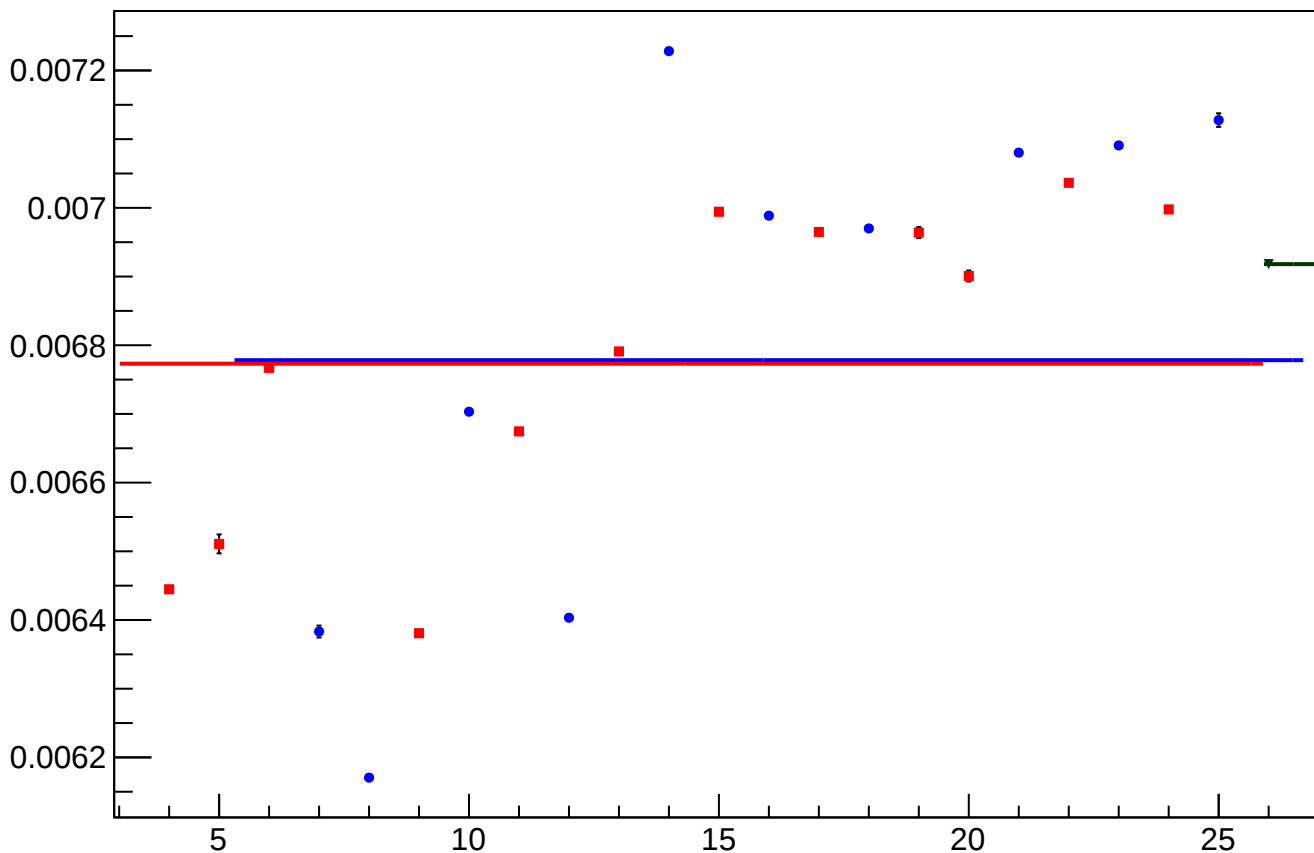
-8.524+/-0.000 χ^2/NDF : 348423710.8/10

Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

-8.549+/-0.000 χ^2/NDF : 379238014.1/11

Left In: -8.446+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 39850.7/9

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

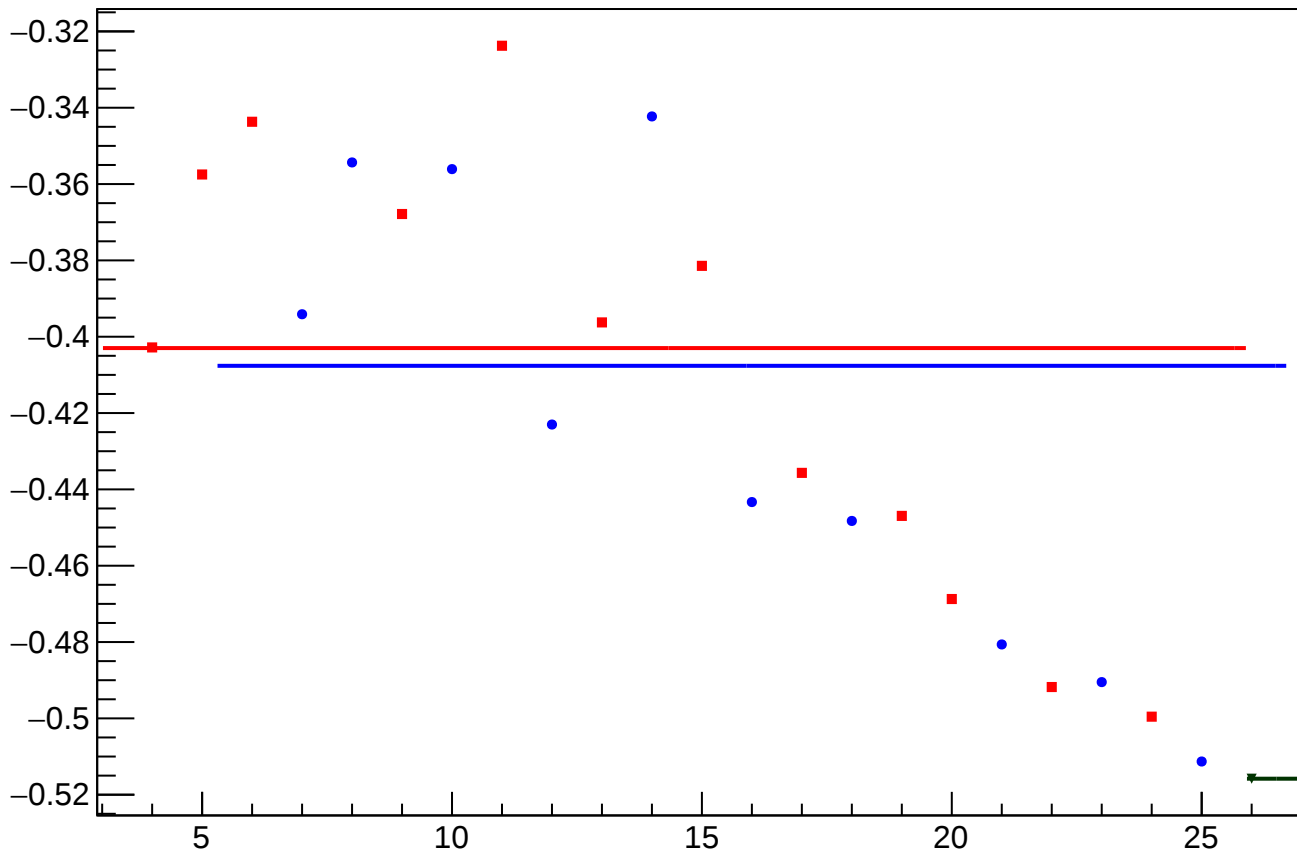
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

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

0.007+/-0.000 χ^2/NDF : 40226.9/10

0.007+/-0.000 χ^2/NDF : 13957.5/11

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

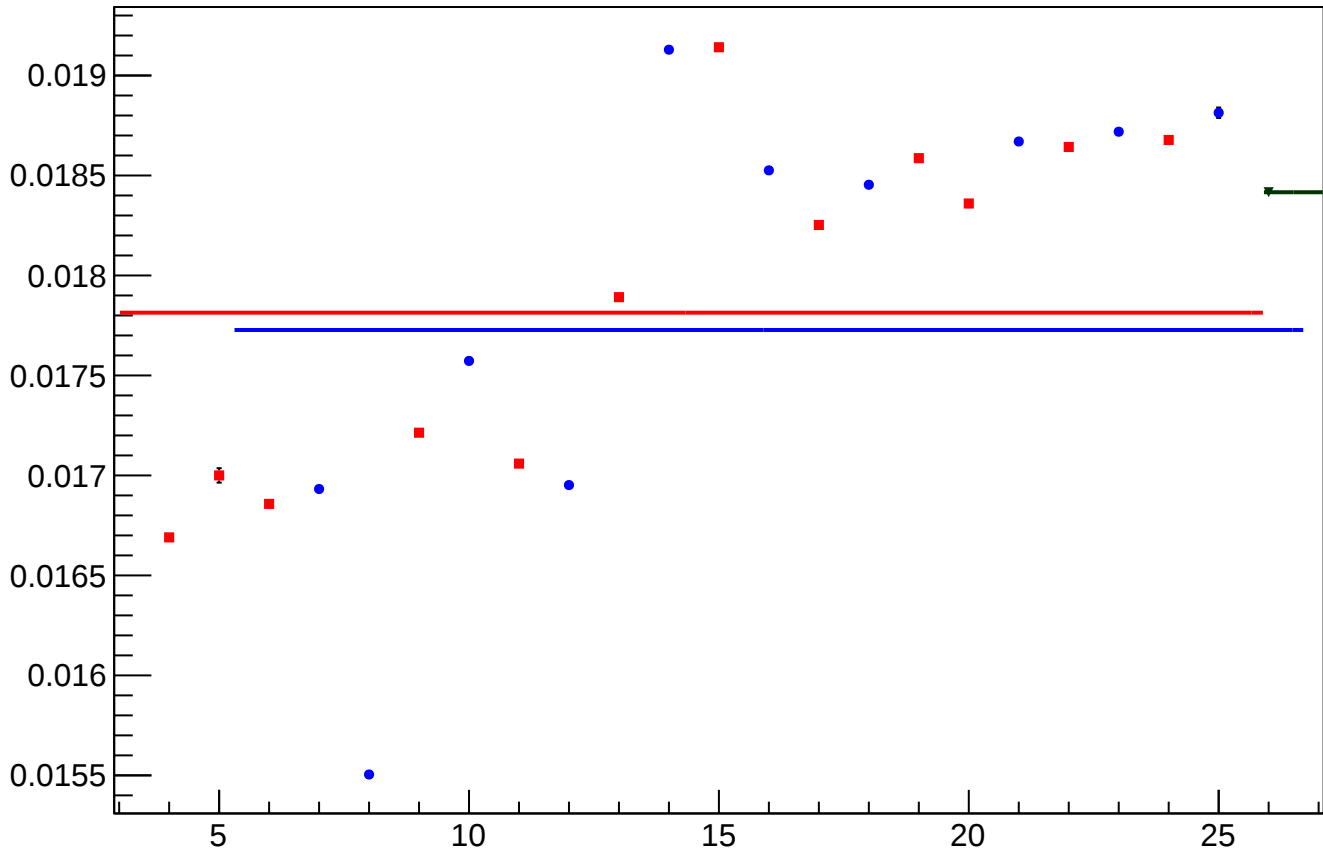
-0.415+/-0.000 χ^2/NDF : 80873368.8/10

Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

-0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.516+/-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

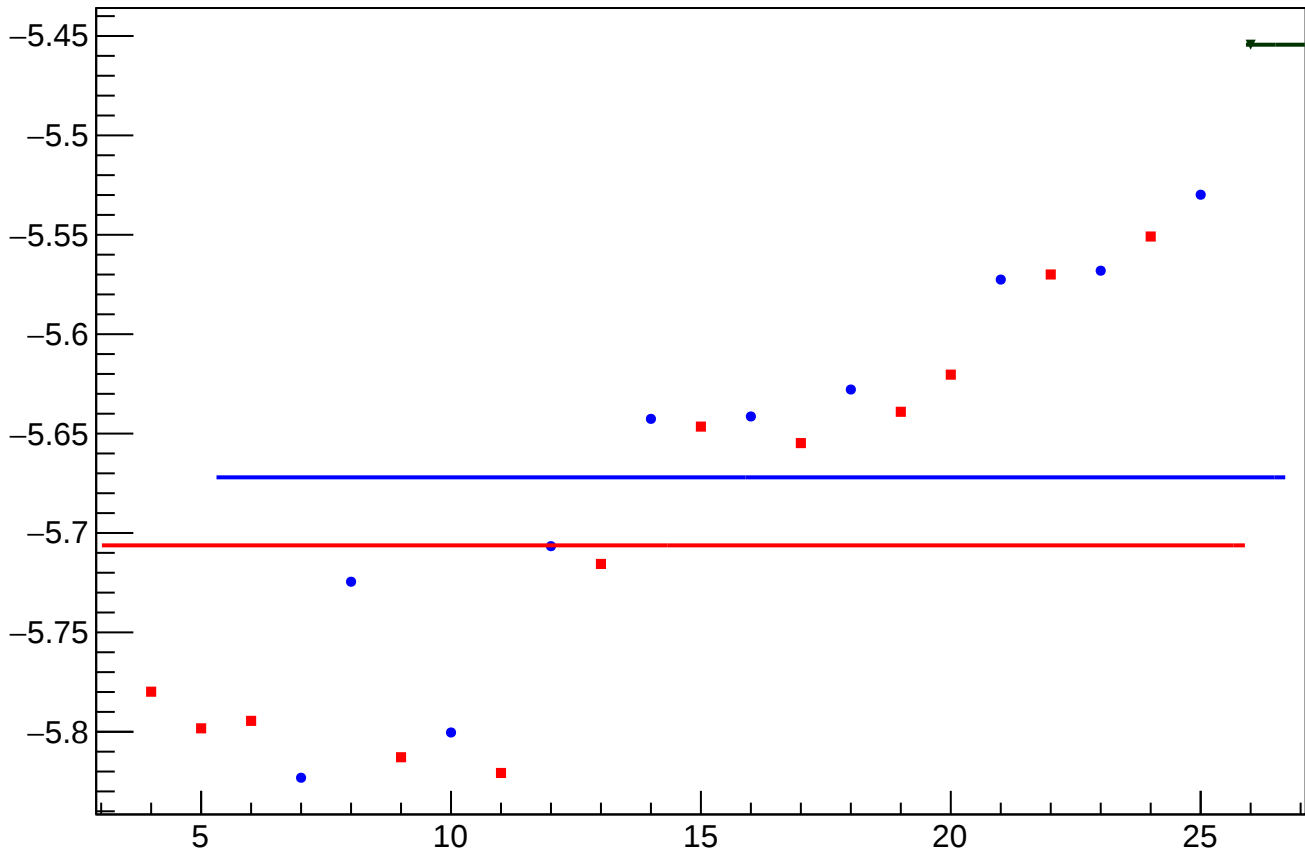
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.018+/-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 : 24742.8/11

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

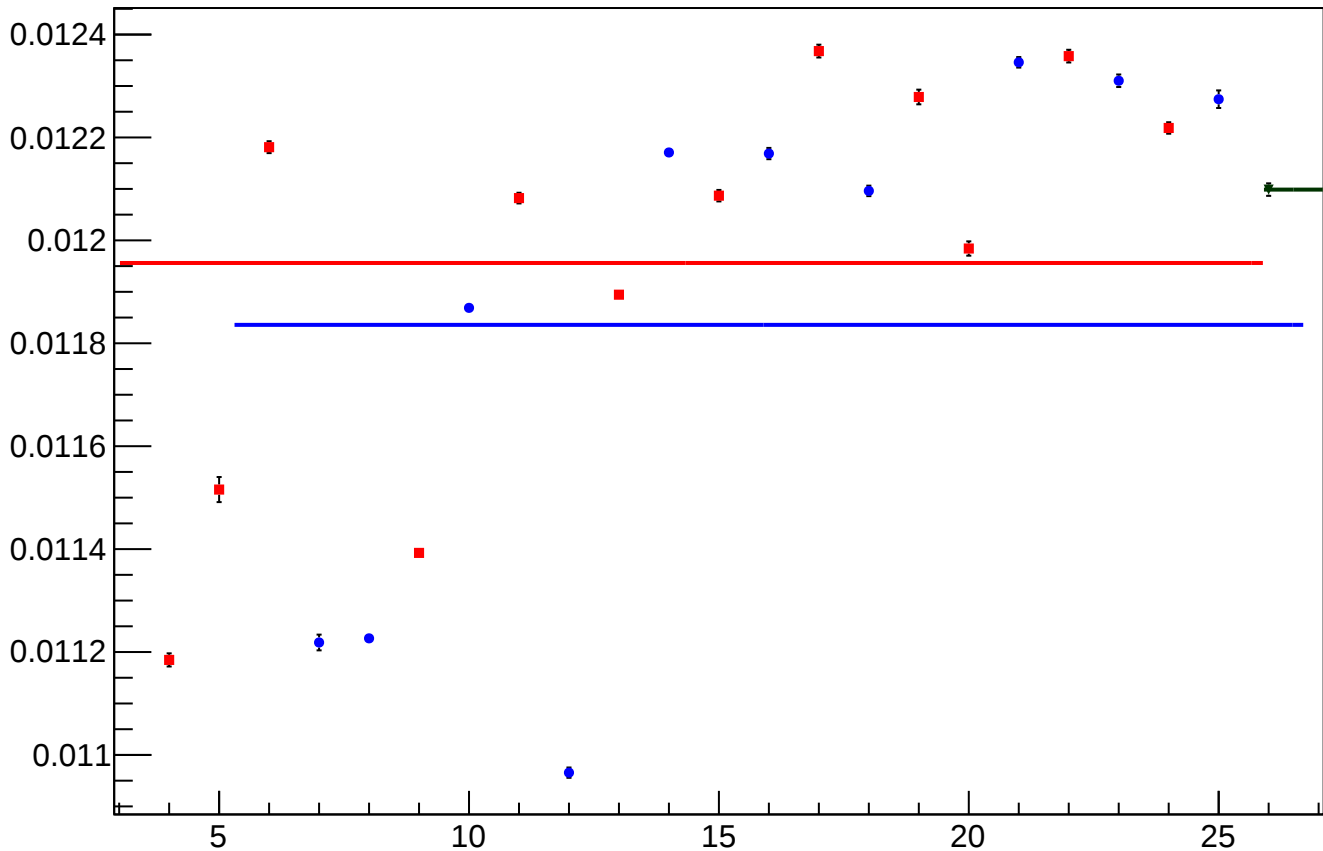
-5.657+/-0.000 χ^2/NDF : 457025487.6/10

Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

-5.706+/-0.000 χ^2/NDF : 393392324.7/11

Left In: -5.454+/-0.000 χ^2/NDF : 0.0/0

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

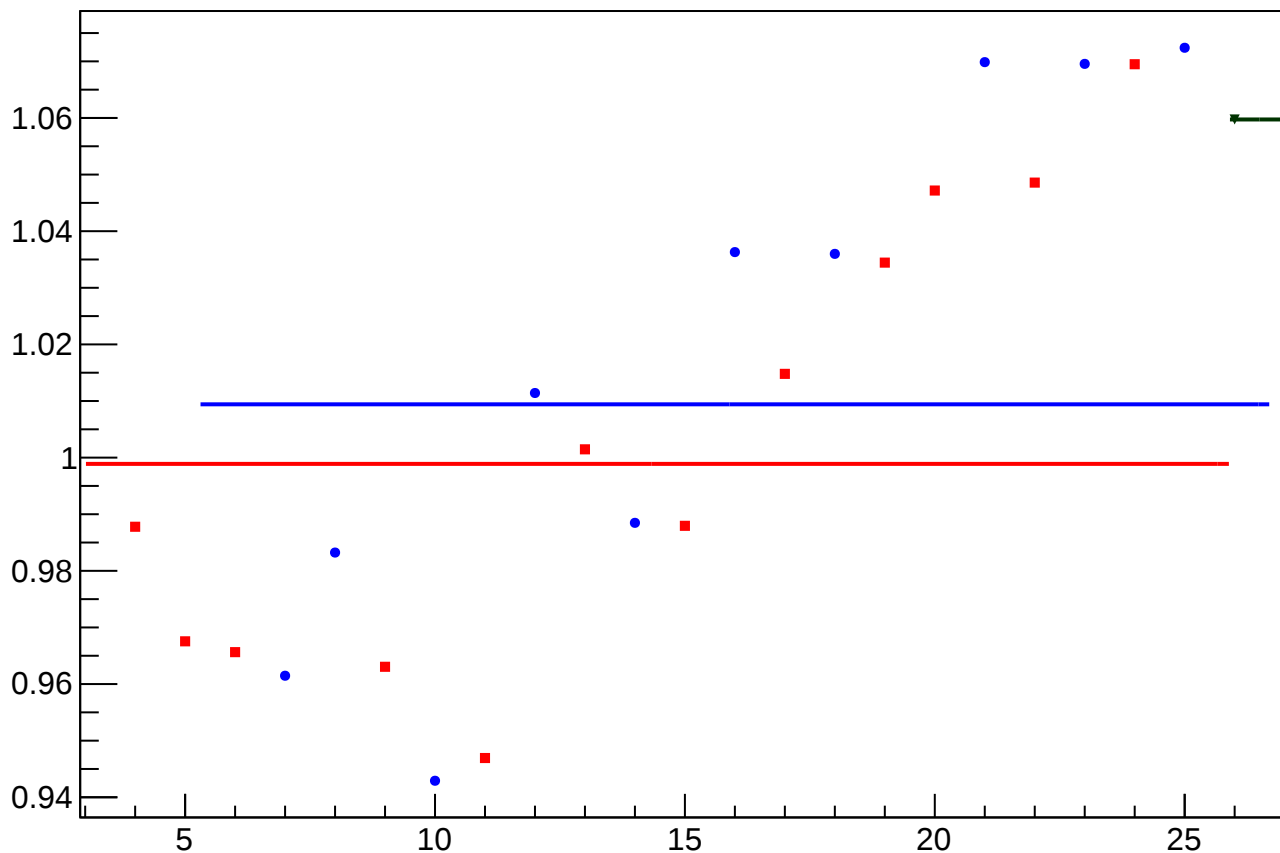
Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 22702.5/10

0.012+/-0.000 χ^2/NDF : 11709.7/11

yield_bpm1i04X_mean vs slug



Right In: 1.009 $\pm$ 0.000 χ^2 /NDF: 182212338.7/9

Left Out: 1.060 $\pm$ 0.000 χ^2 /NDF: 0.0/0

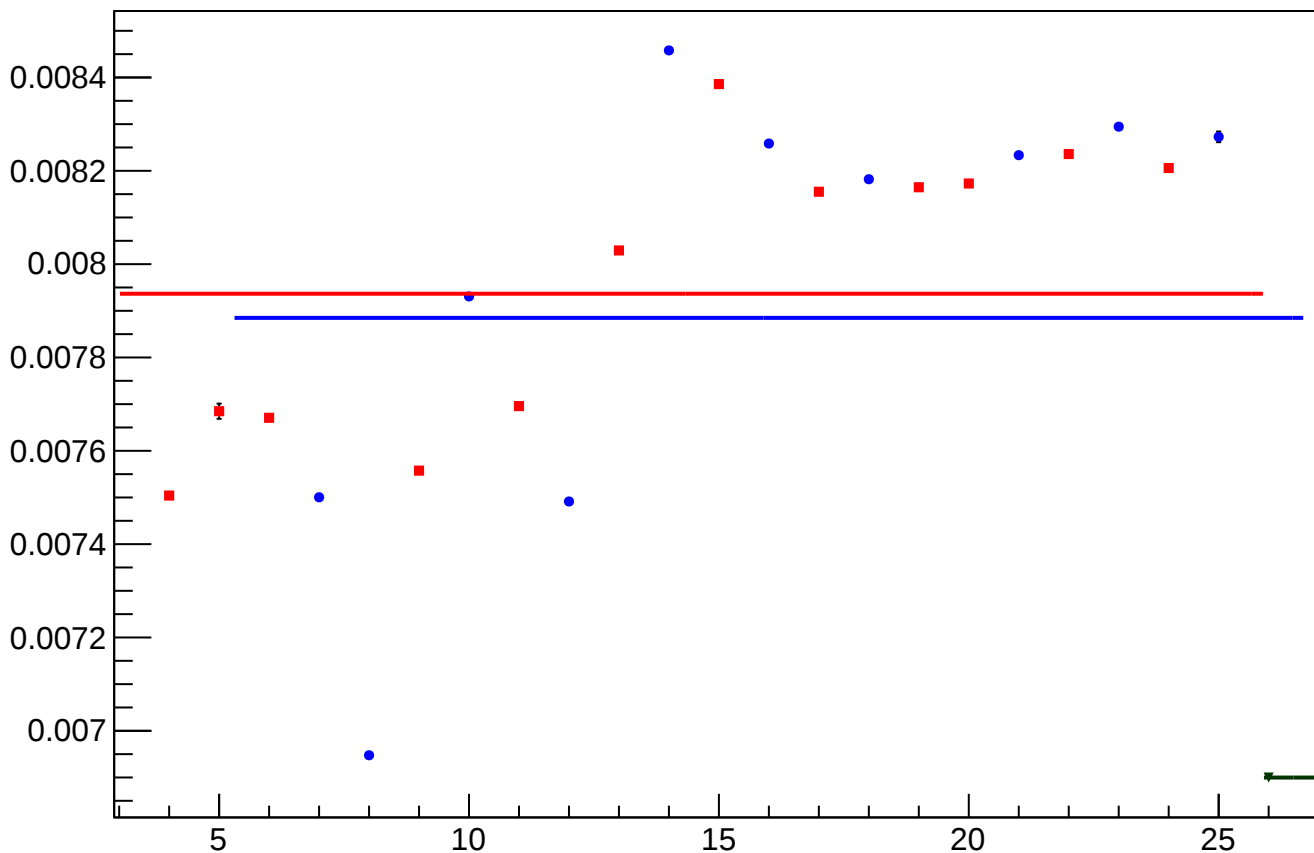
Right Out: 0.999 $\pm$ 0.000 χ^2 /NDF: 147584109.7/11

Left In: 1.060 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.014 $\pm$ 0.000 χ^2 /NDF: 205990260.2/10

0.999 $\pm$ 0.000 χ^2 /NDF: 147584109.7/11

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

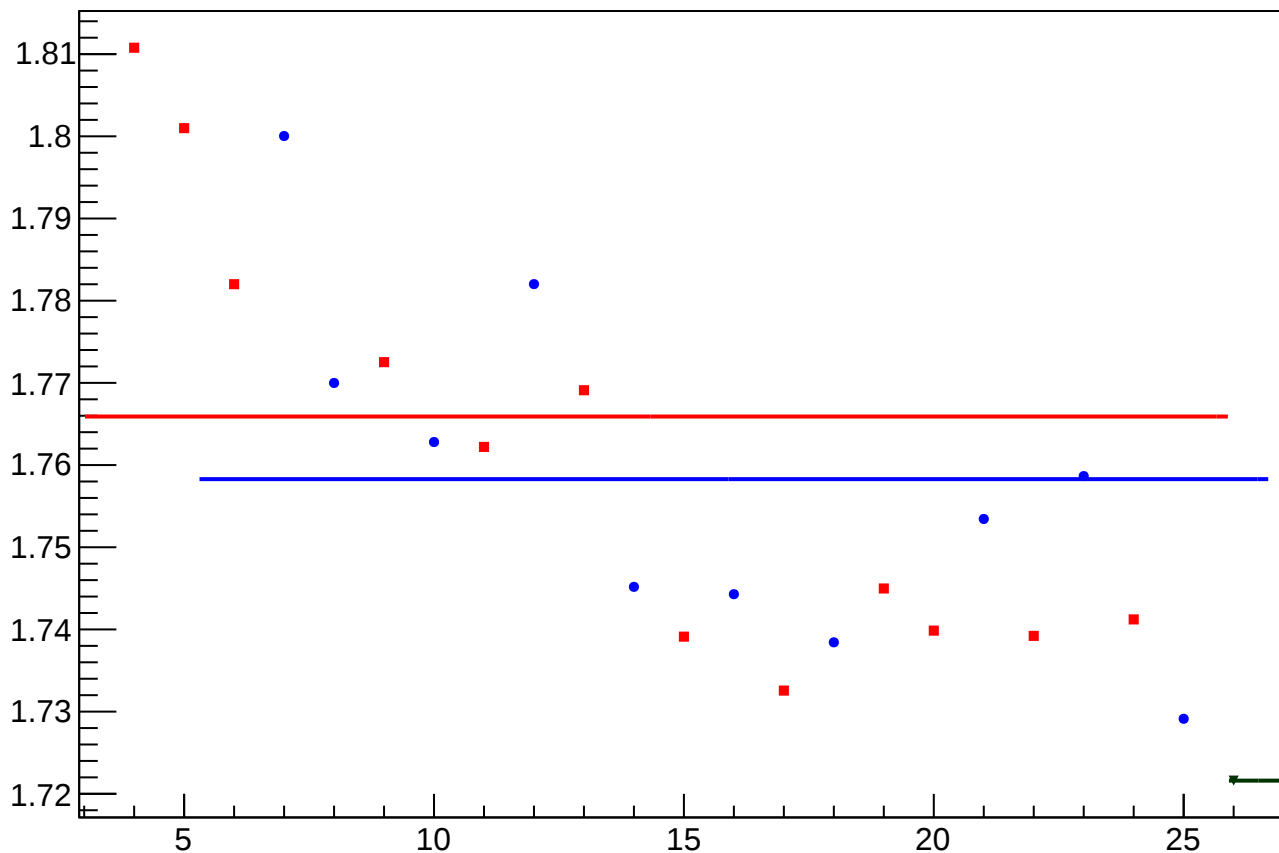
Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

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 : 17438.8/11

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

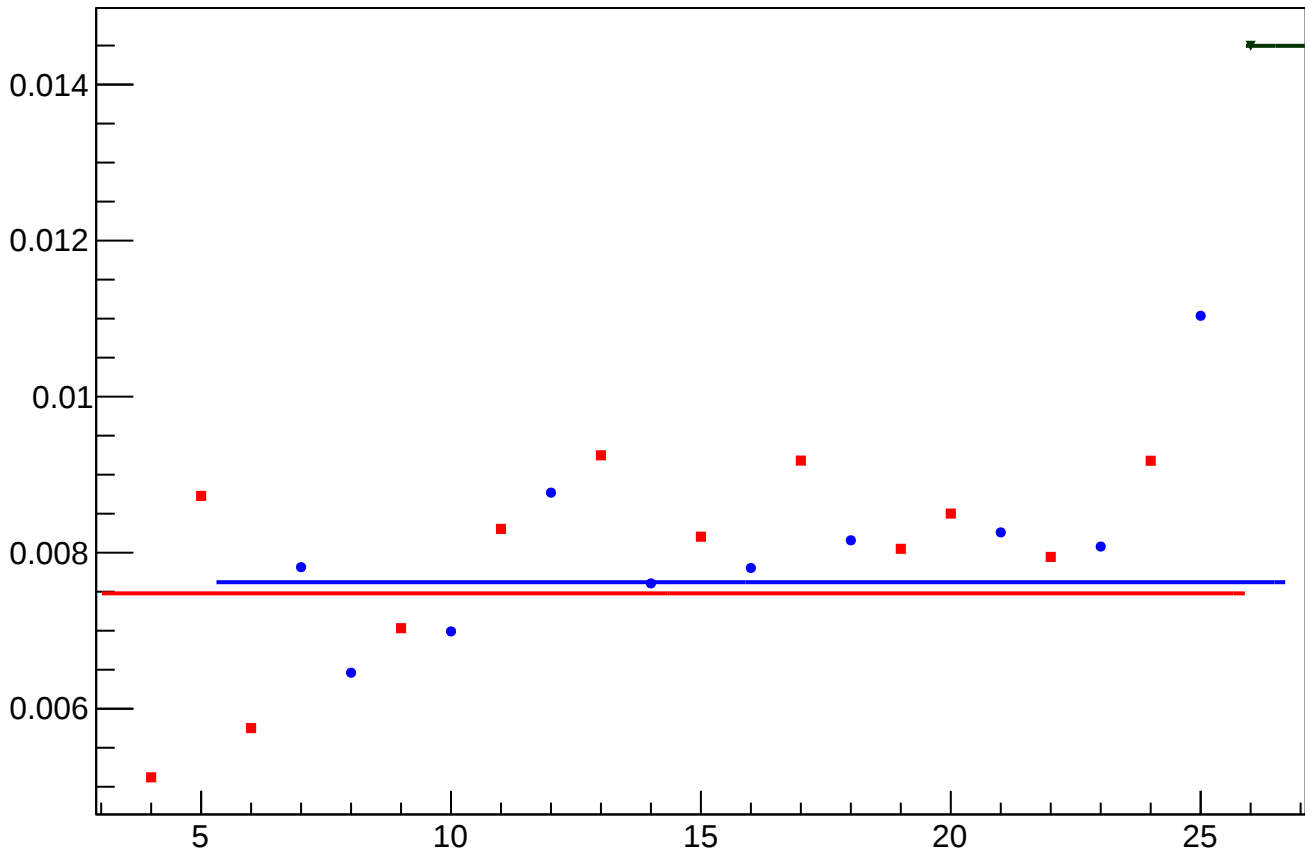
Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11

Left In: 1.722+/-0.000 χ^2/NDF : 0.0/0

1.758+/-0.000 χ^2/NDF : 28385571.1/10

1.766+/-0.000 χ^2/NDF : 62233931.0/11

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

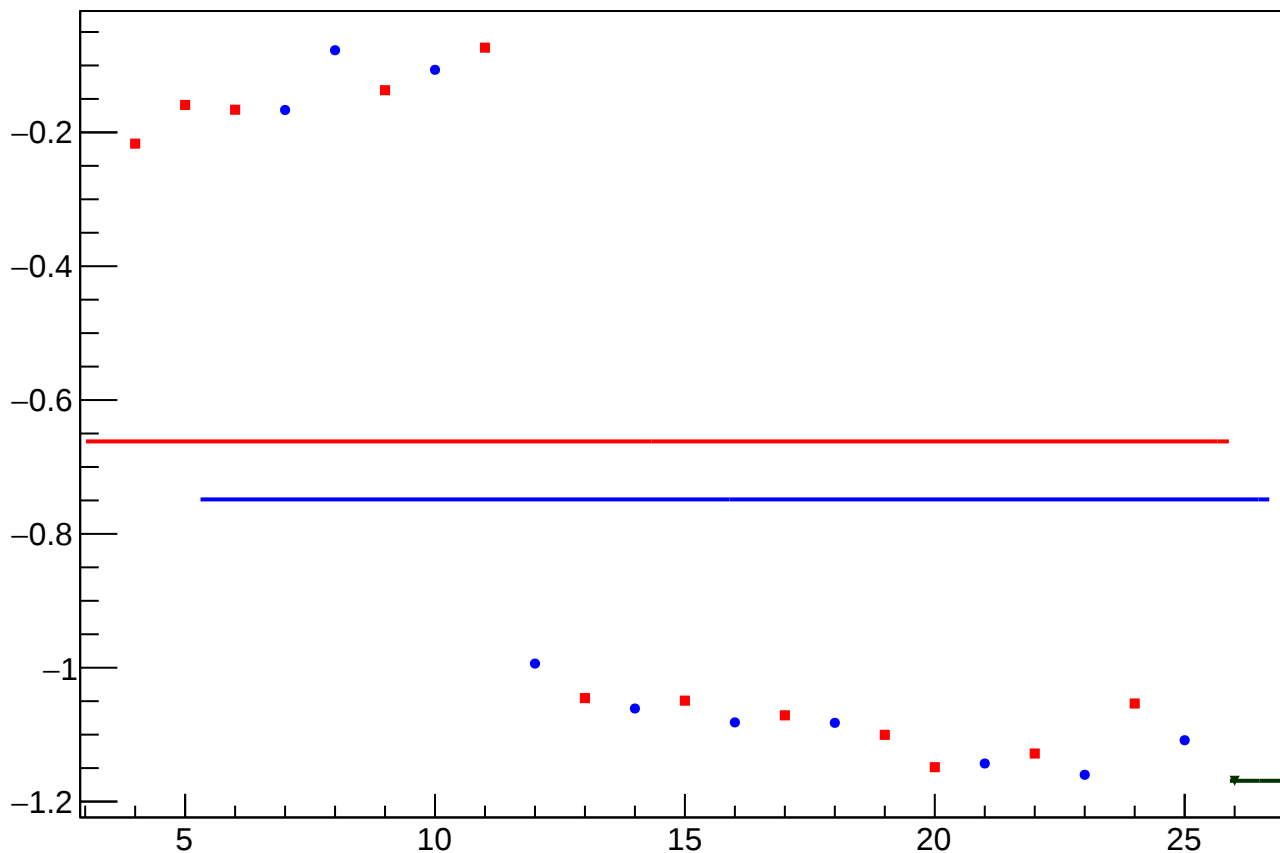
Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

Left In: 0.014+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 361378.9/10

0.007+/-0.000 χ^2/NDF : 437086.3/11

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

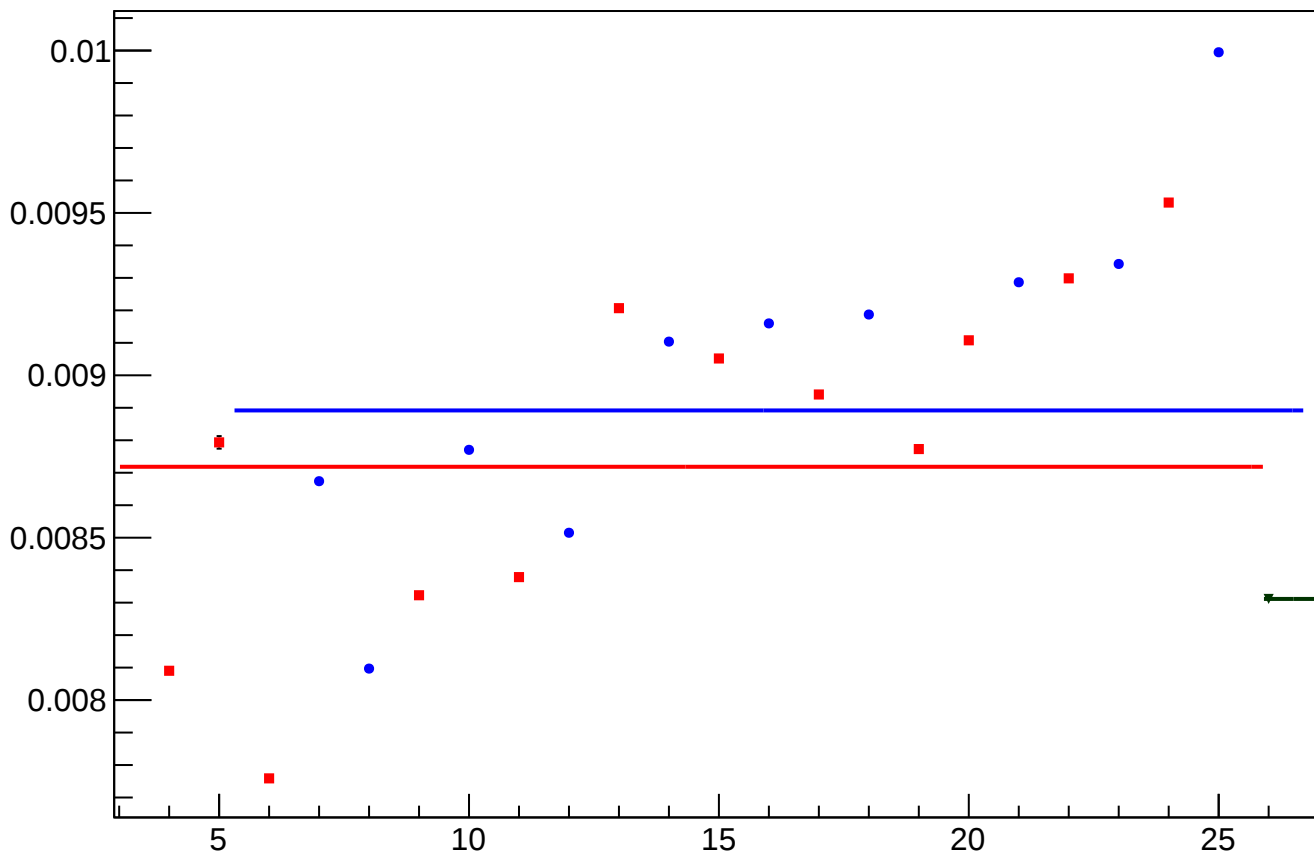
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -1.169+/-0.000 χ^2/NDF : 0.0/0

-0.782+/-0.000 χ^2/NDF : 18572129018.3/10

-0.662+/-0.000 χ^2/NDF : 17756149128.0/11

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

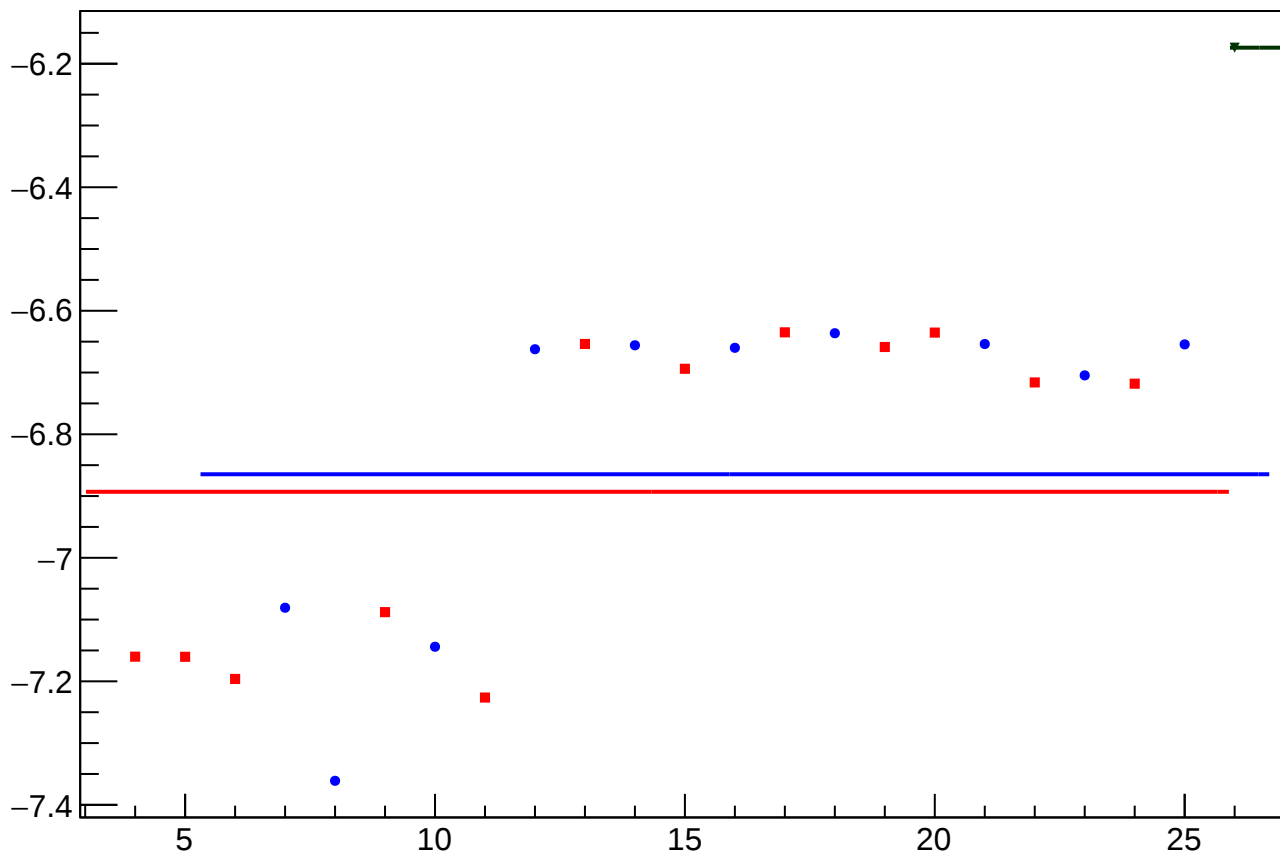
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

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 : 47651.1/11

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

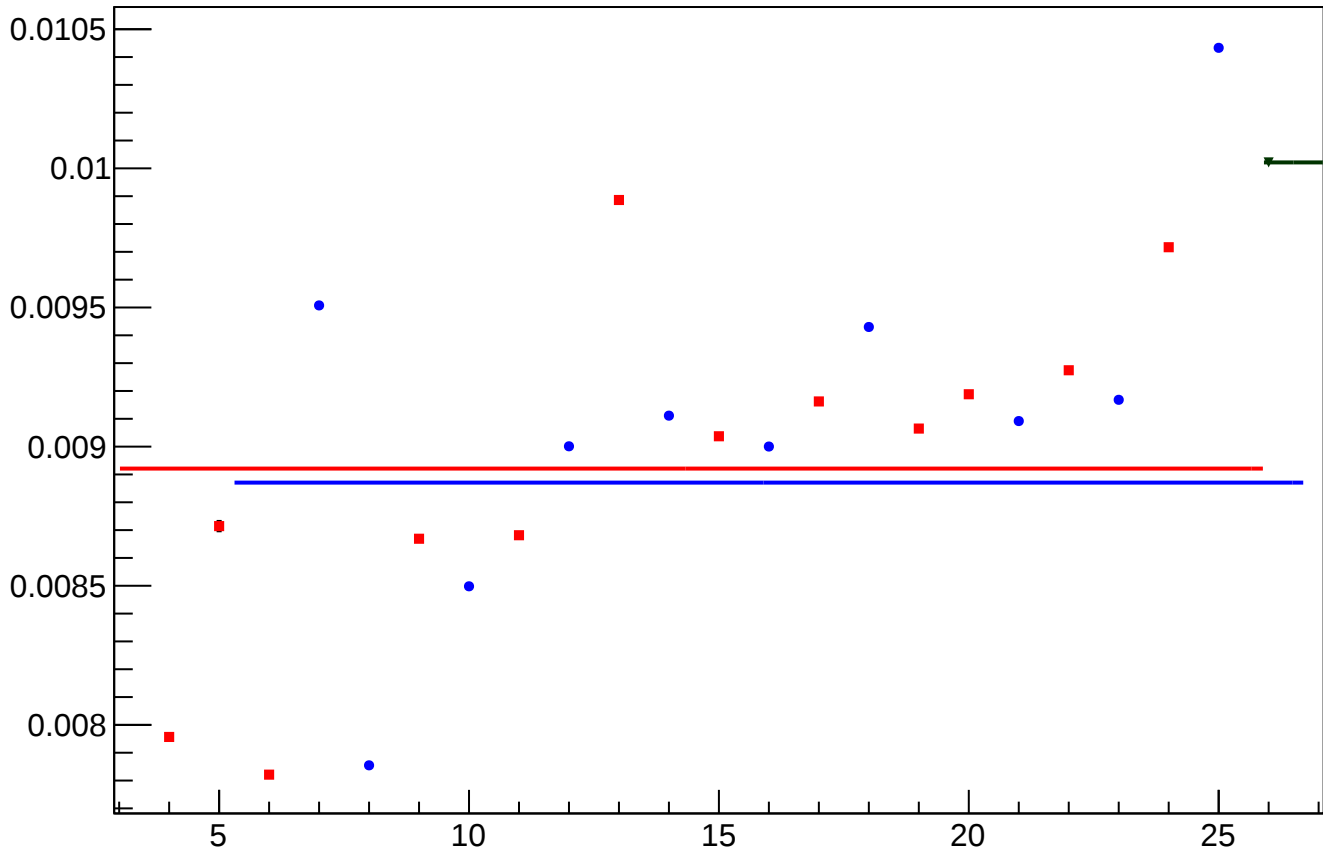
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.174+/-0.000 χ^2/NDF : 0.0/0

-6.826+/-0.000 χ^2/NDF : 8758609551.8/10

-6.893+/-0.000 χ^2/NDF : 4705739160.1/11

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

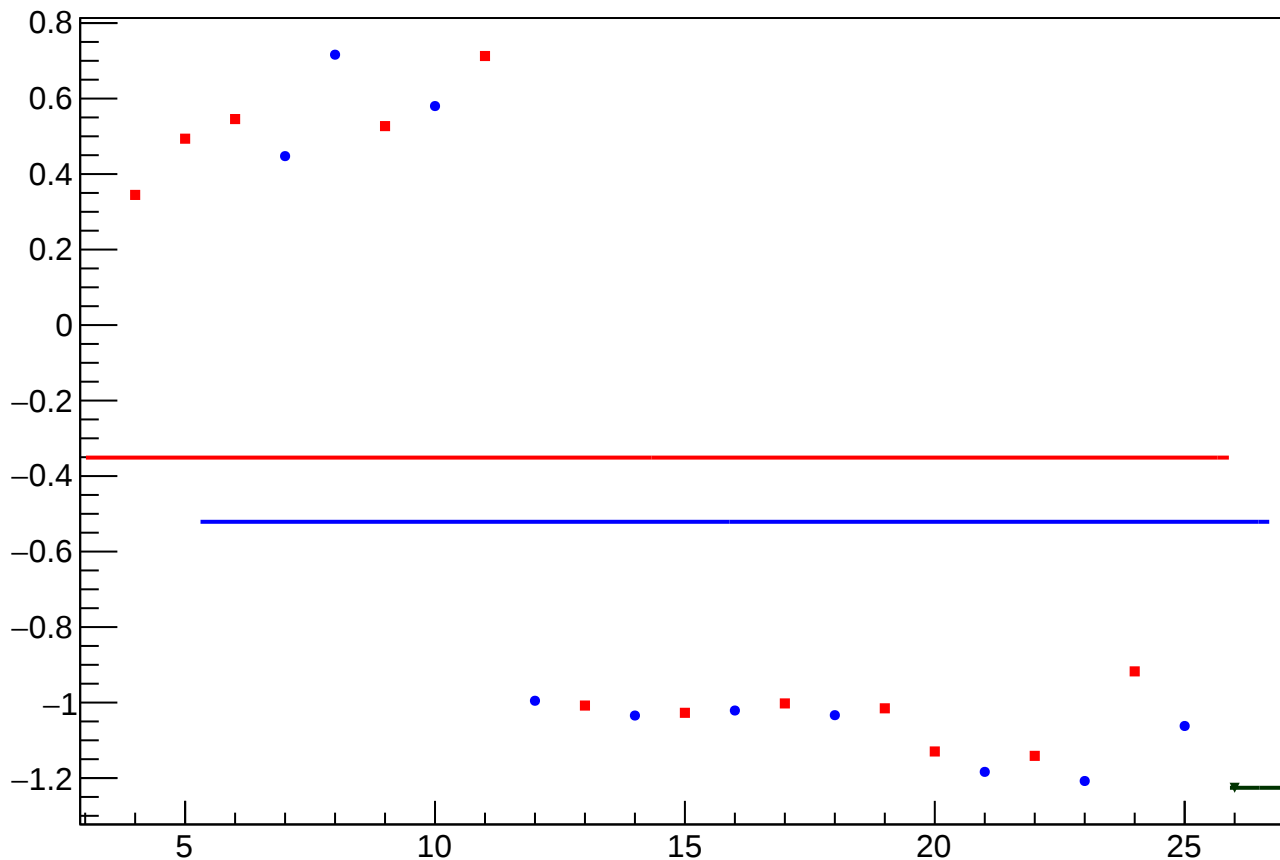
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

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 : 61199.2/11

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

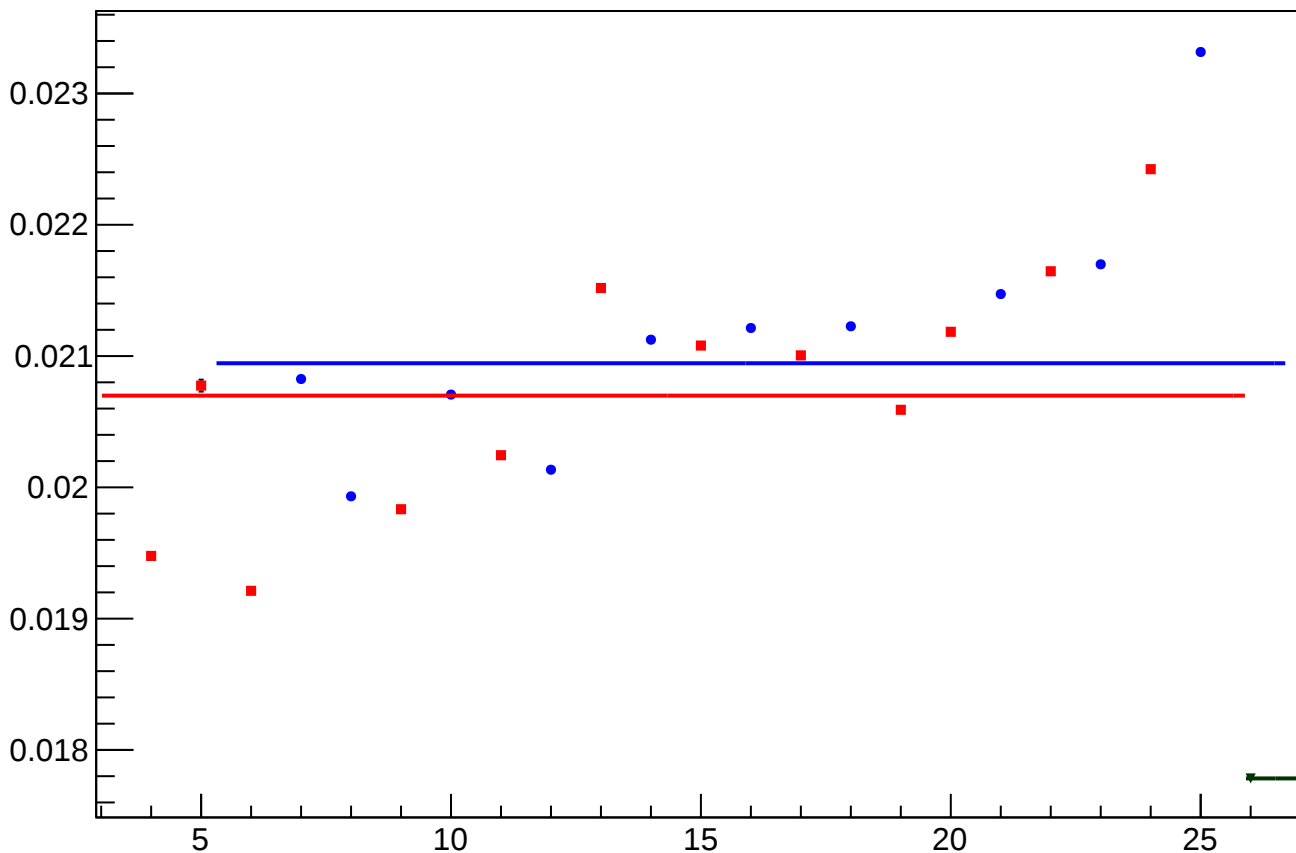
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -1.226+/-0.000 χ^2/NDF : 0.0/0

-0.589+/-0.000 χ^2/NDF : 9910541326.1/10

-0.351+/-0.000 χ^2/NDF : 8987357685.6/11

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

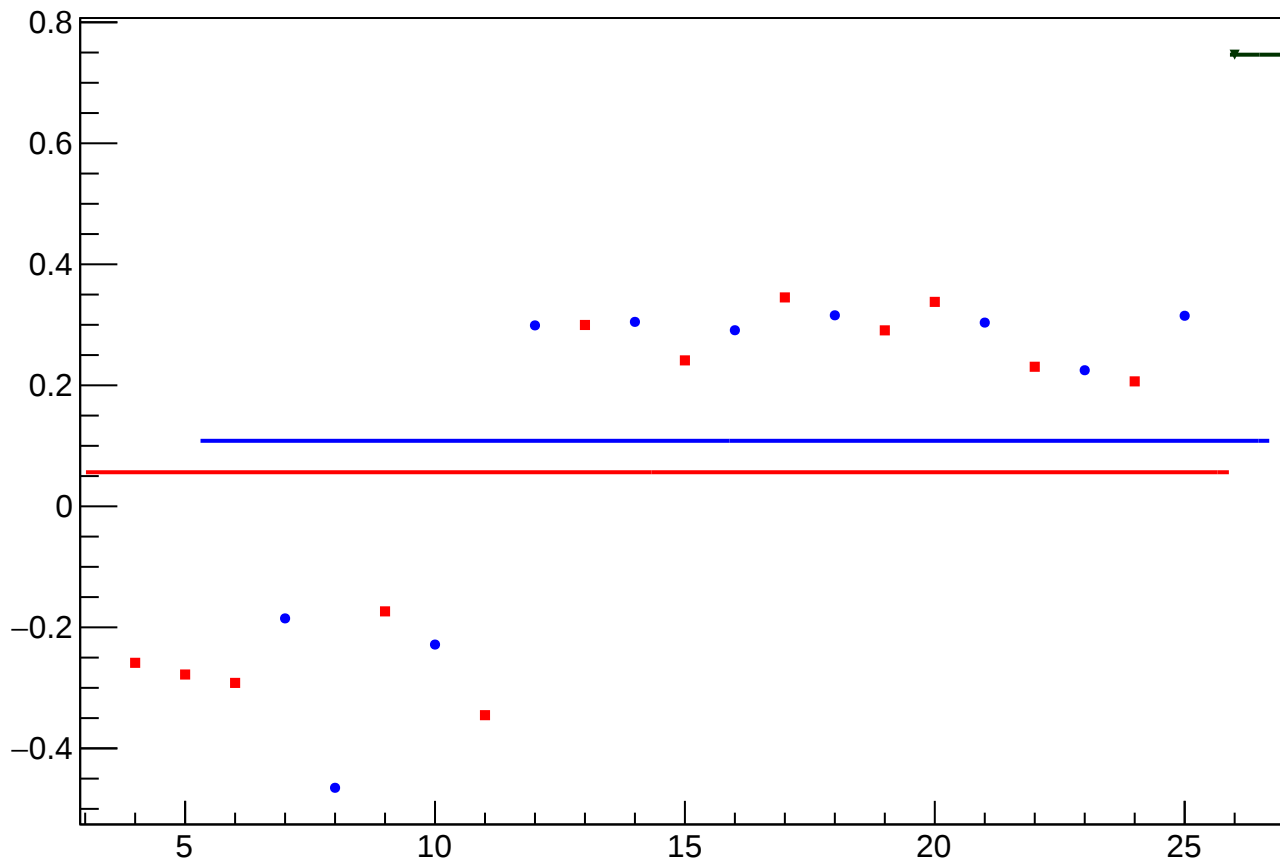
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.018+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 42349.7/10

0.021+/-0.000 χ^2/NDF : 25534.1/11

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

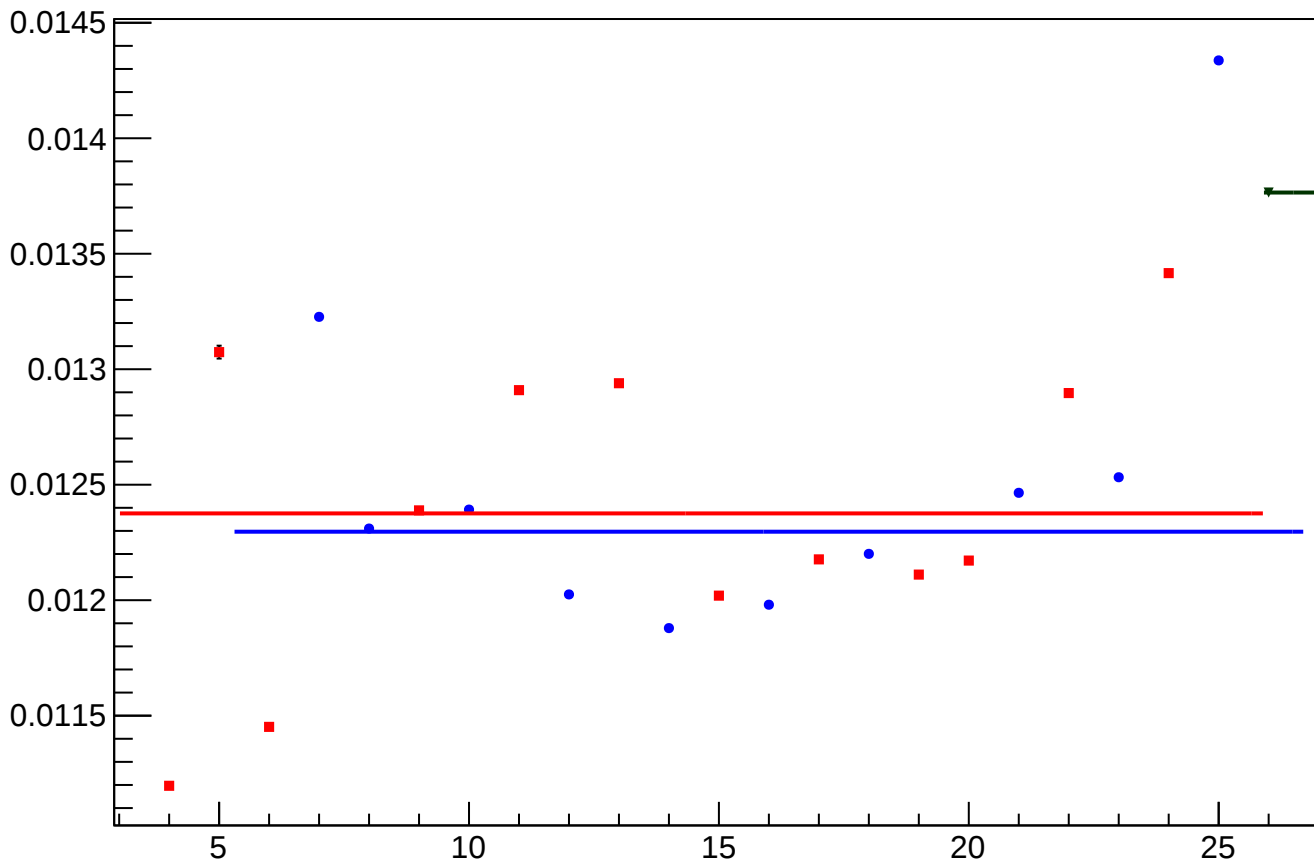
Right Out: 0.056 $\pm$ 0.000 χ^2 /NDF: 2963825797.0/11

Left In: 0.746 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.145 $\pm$ 0.000 χ^2 /NDF: 4605641340.9/10

0.056 $\pm$ 0.000 χ^2 /NDF: 2963825797.0/11

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

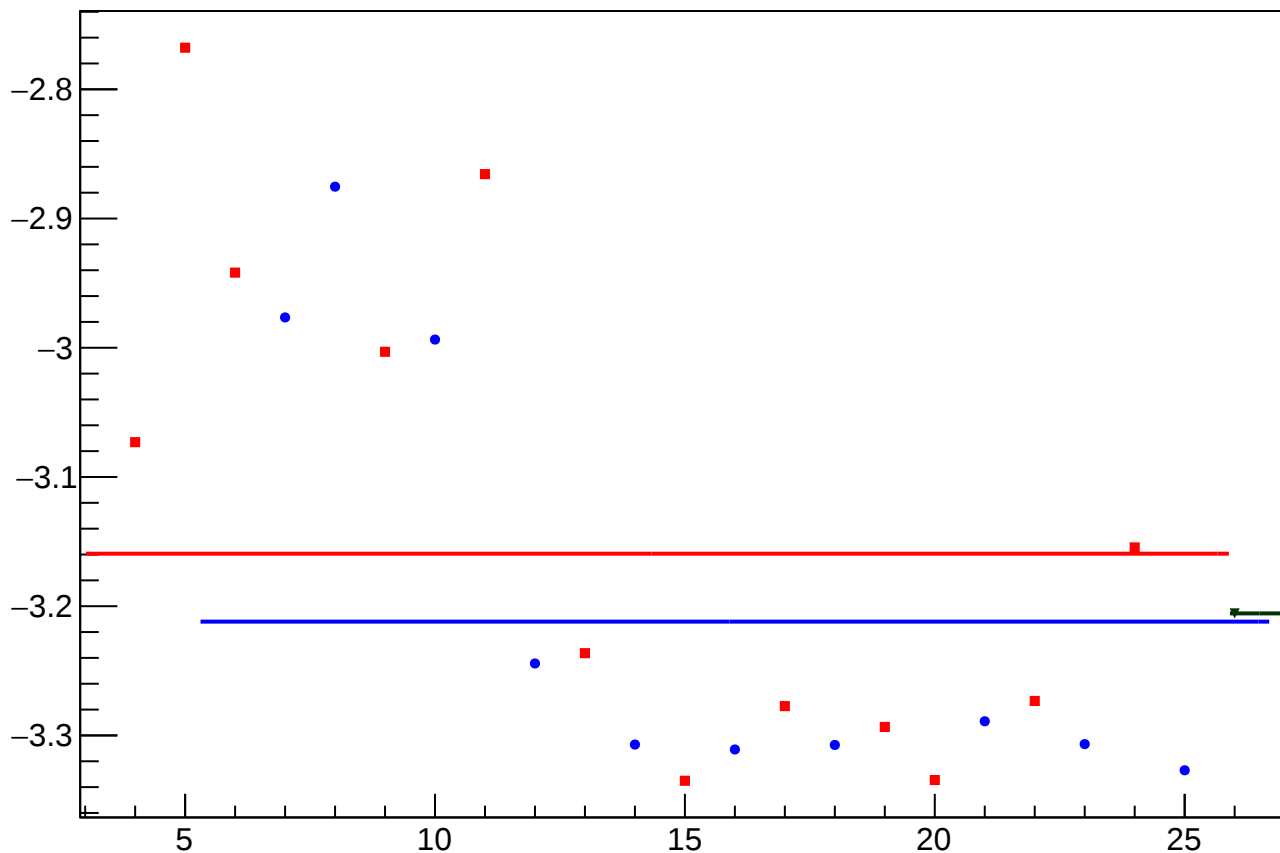
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 31560.7/11

Left In: 0.014 $\pm$ 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: 31560.7/11

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

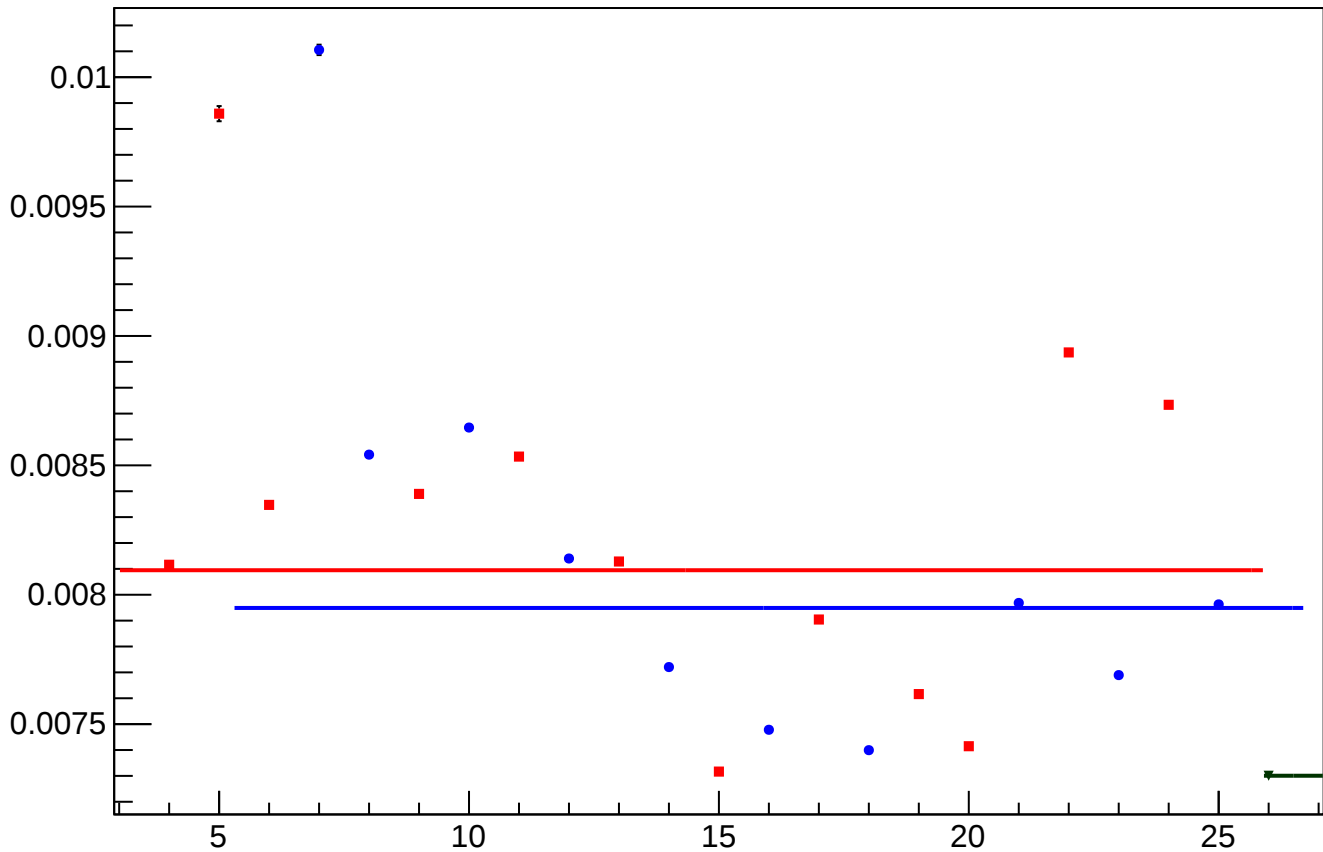
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.206+/-0.000 χ^2/NDF : 0.0/0

-3.211+/-0.000 χ^2/NDF : 2232303850.6/10

-3.159+/-0.000 χ^2/NDF : 2193027591.1/11

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

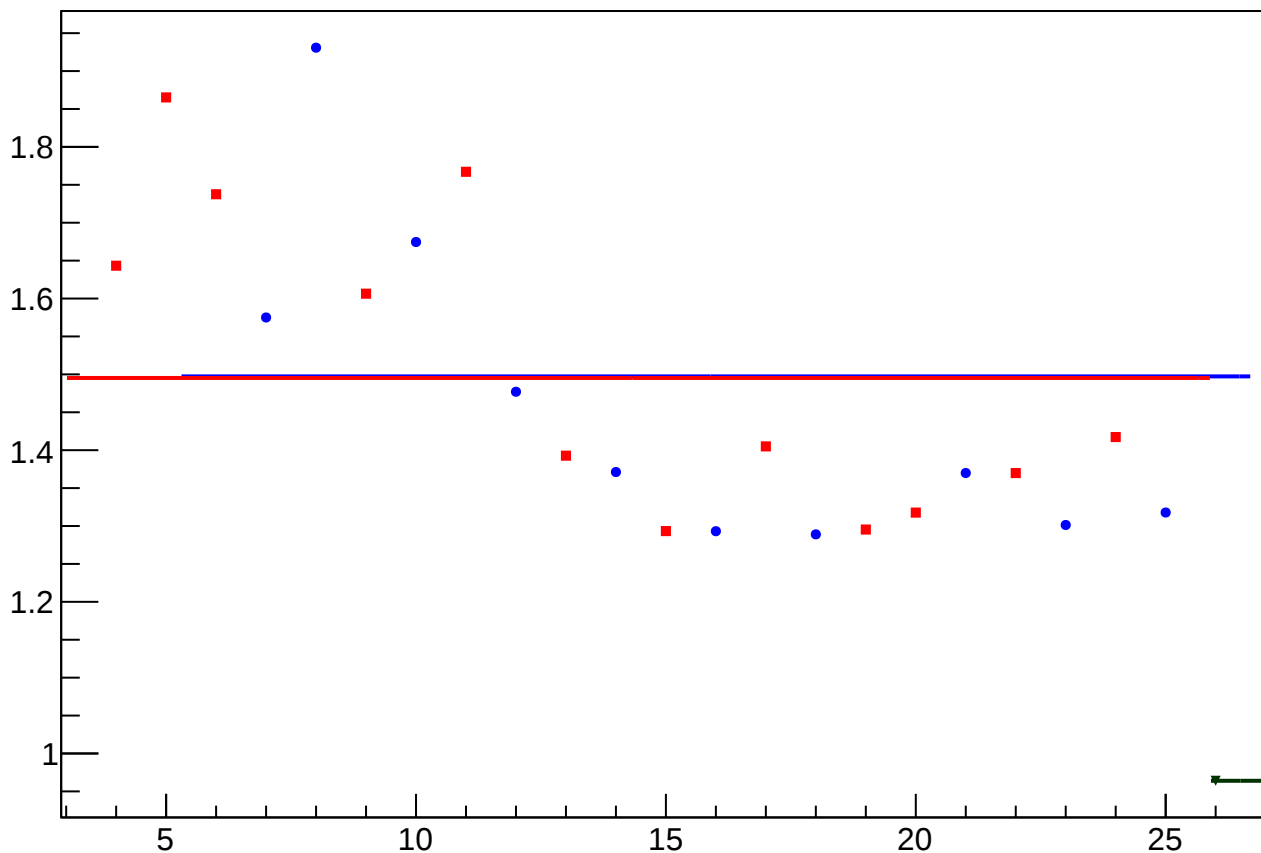
0.008+/-0.000 χ^2/NDF : 48468.3/10

Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

0.008+/-0.000 χ^2/NDF : 41566.1/11

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

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

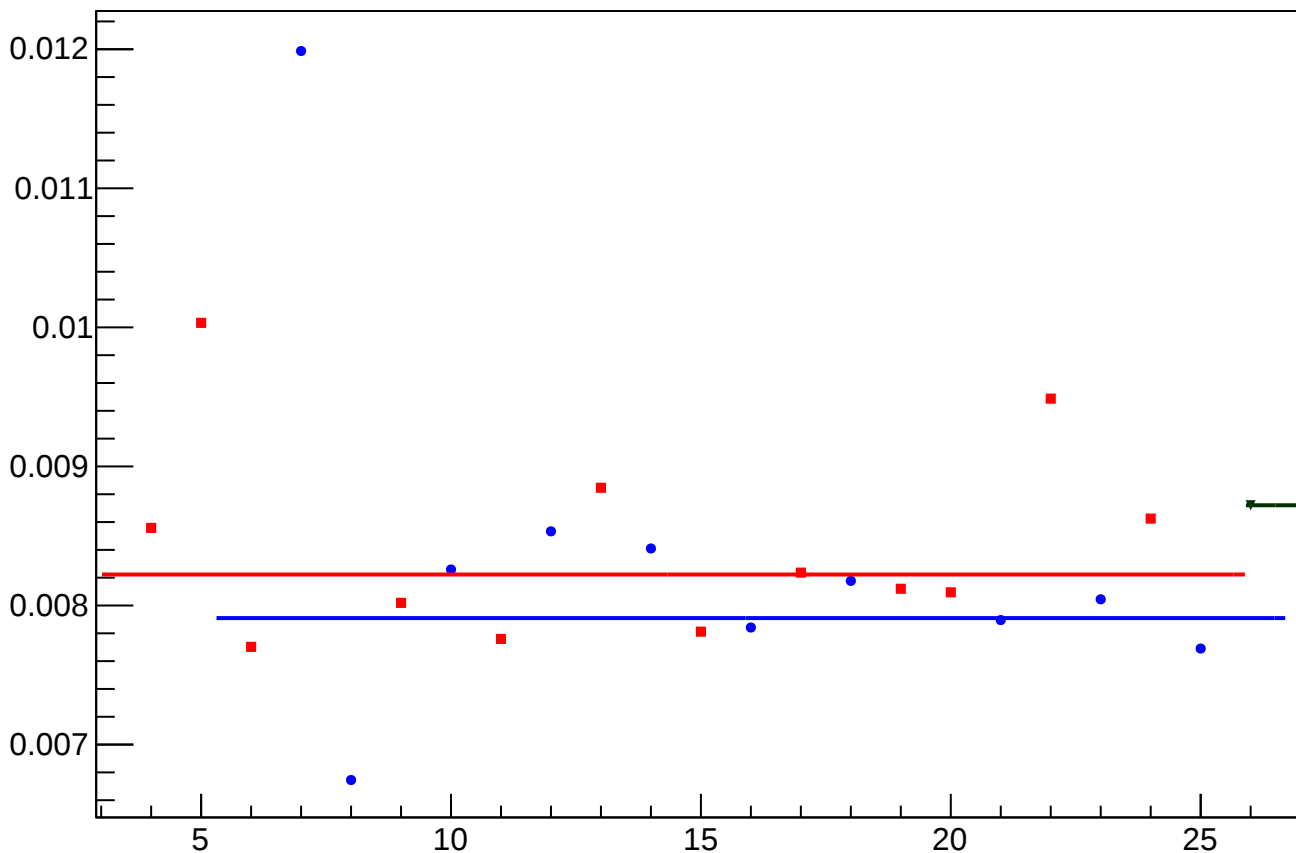
Right Out: 1.495 $\pm$ 0.000 χ^2 /NDF: 2404671234.5/11

Left In: 0.964 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.466 $\pm$ 0.000 χ^2 /NDF: 6483431688.5/10

1.495 $\pm$ 0.000 χ^2 /NDF: 2404671234.5/11

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

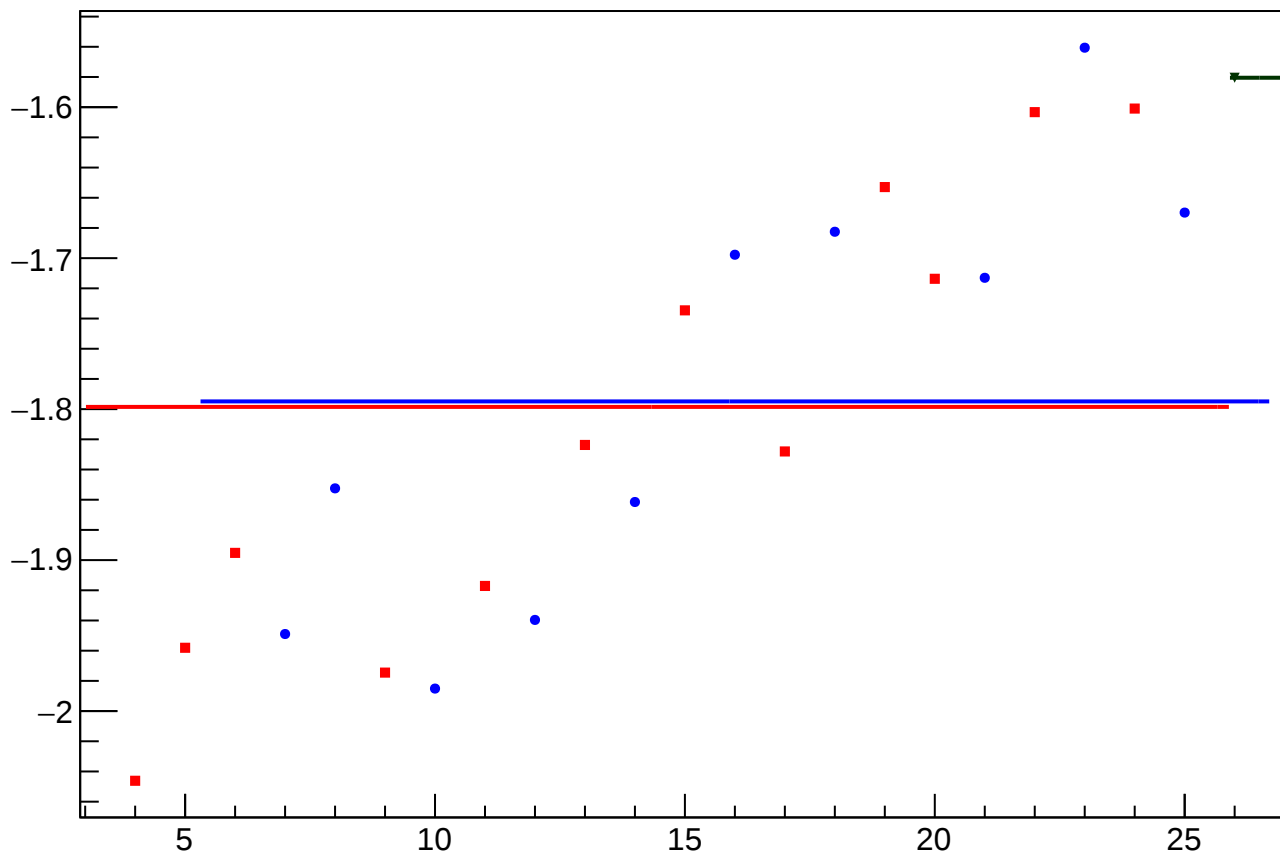
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-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 : 38168.5/11

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

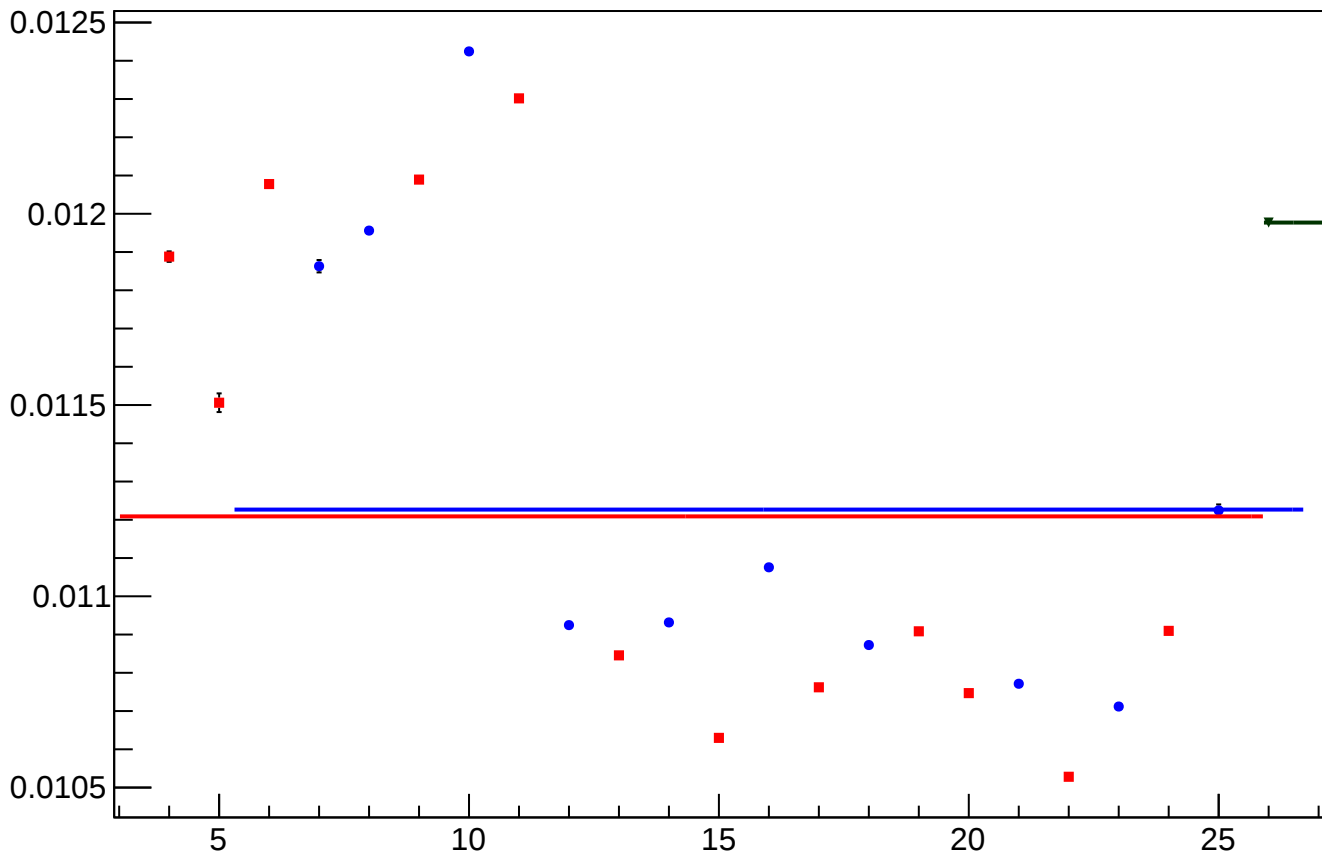
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.581+/-0.000 χ^2/NDF : 0.0/0

-1.781+/-0.000 χ^2/NDF : 982153000.7/10

-1.799+/-0.000 χ^2/NDF : 930787190.3/11

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

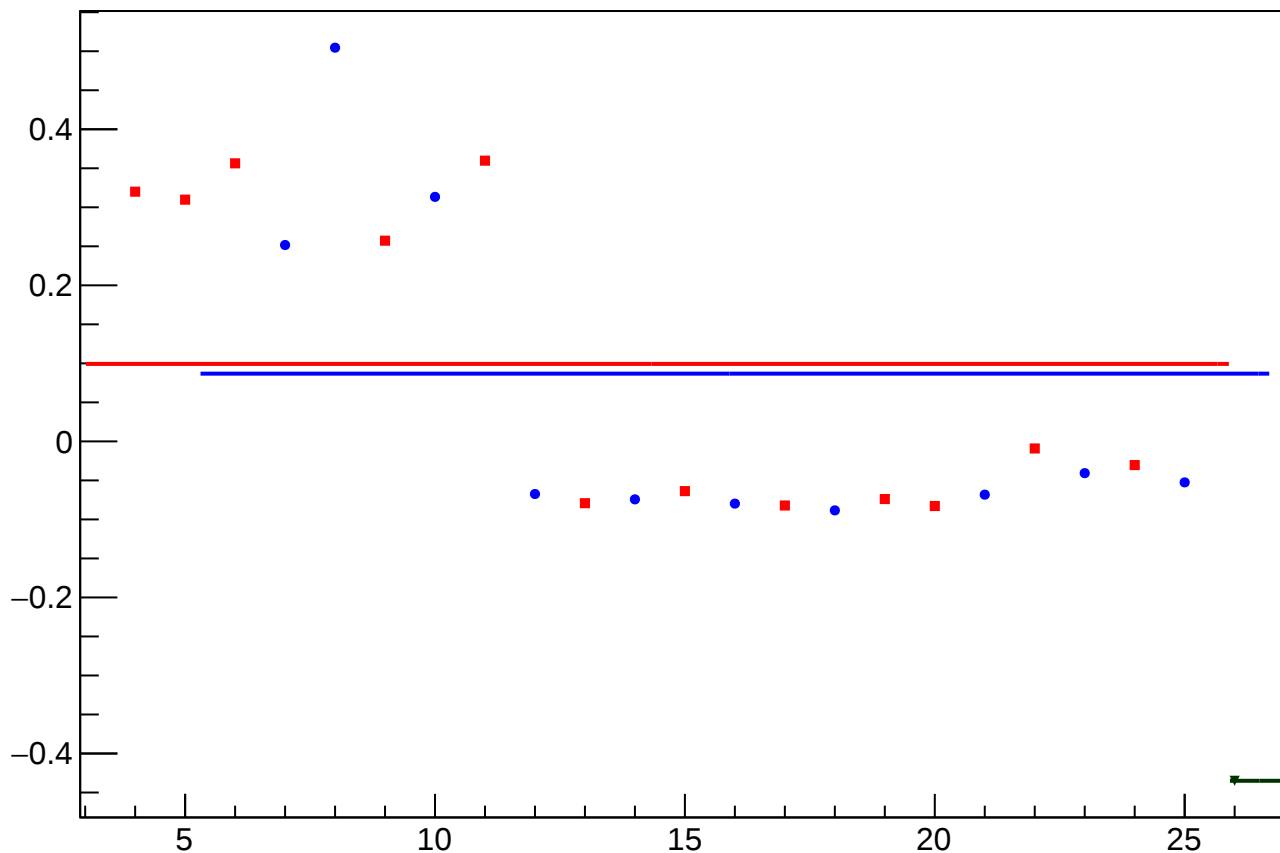
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

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 : 41113.0/11

yield_bpm0l04Y_mean vs slug



Right In: 0.087+/-0.000 χ^2/NDF : 6587794227.2/9

Left Out: -0.435+/-0.000 χ^2/NDF : 0.0/0

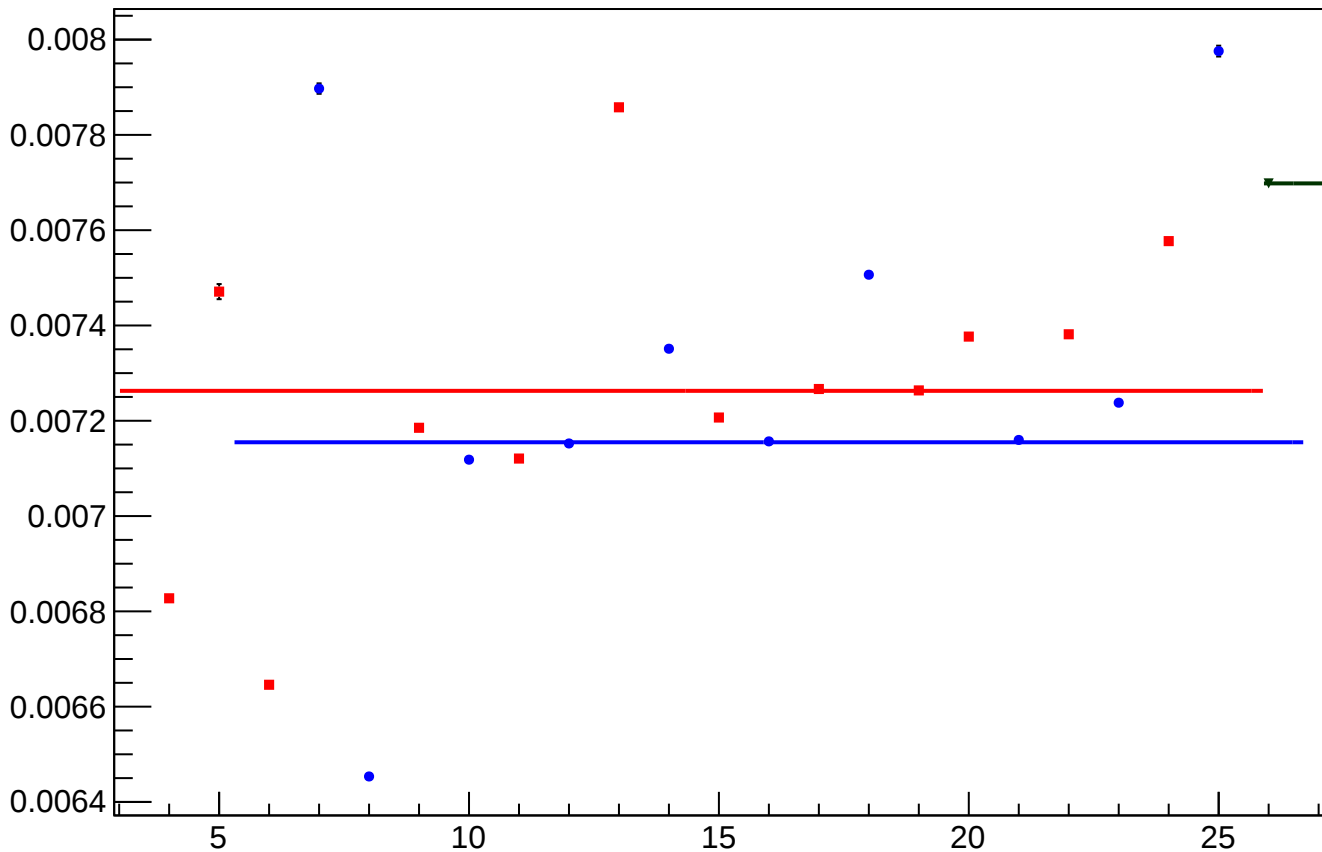
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.435+/-0.000 χ^2/NDF : 0.0/0

0.055+/-0.000 χ^2/NDF : 8654761955.8/10

0.099+/-0.000 χ^2/NDF : 4238157293.7/11

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

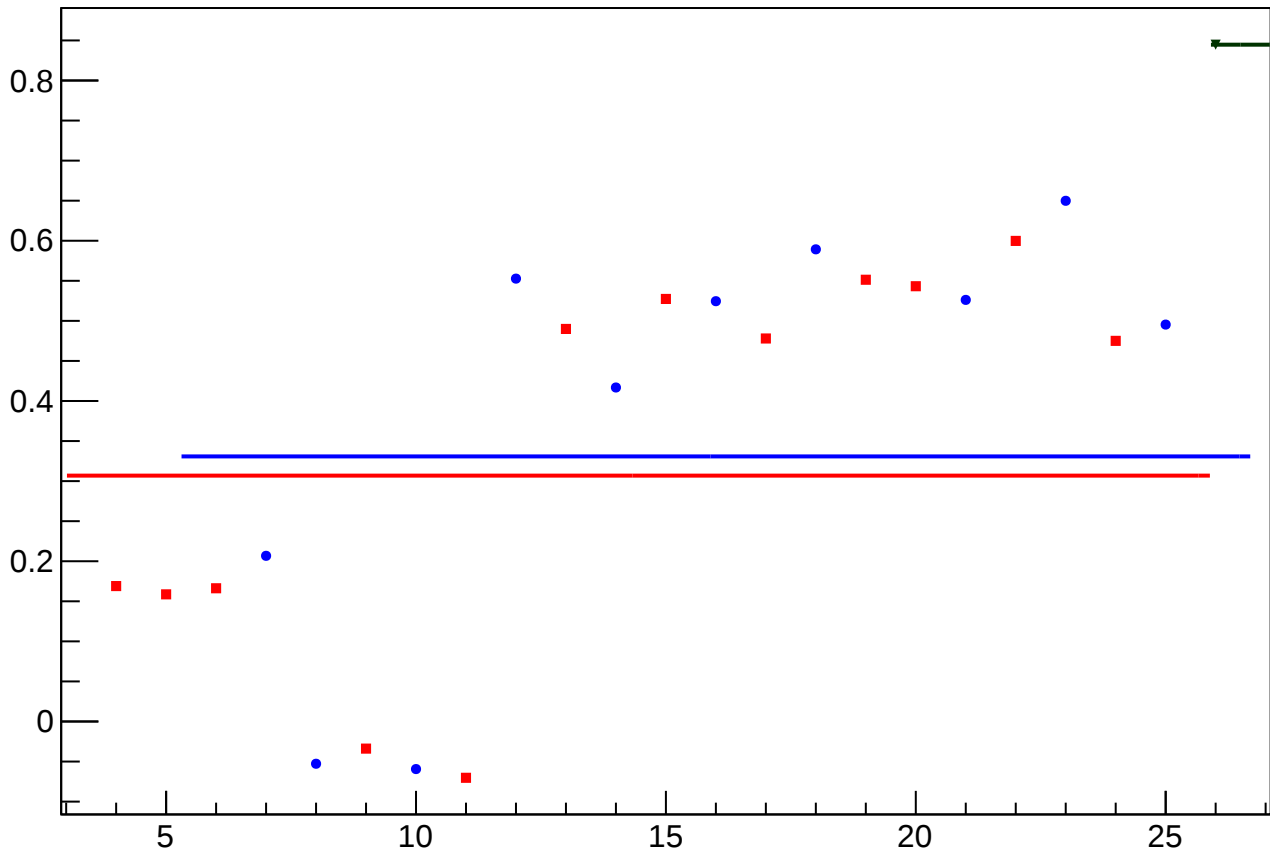
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-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 : 25457.6/11

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

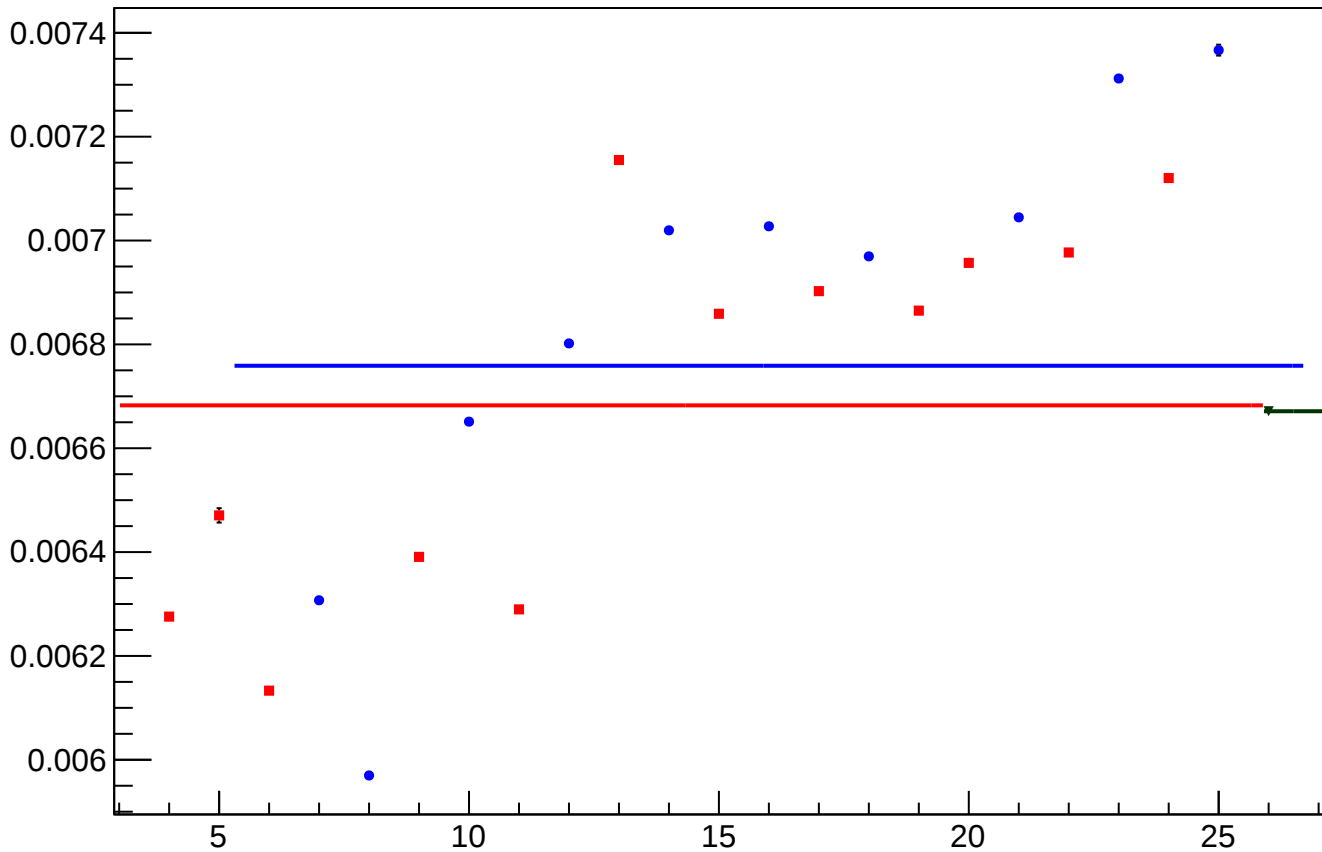
0.368+/-0.000 χ^2/NDF : 12944888182.1/10

Right Out: 0.307+/-0.000 χ^2/NDF : 8592627222.1/11

0.307+/-0.000 χ^2/NDF : 8592627222.1/11

Left In: 0.845+/-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

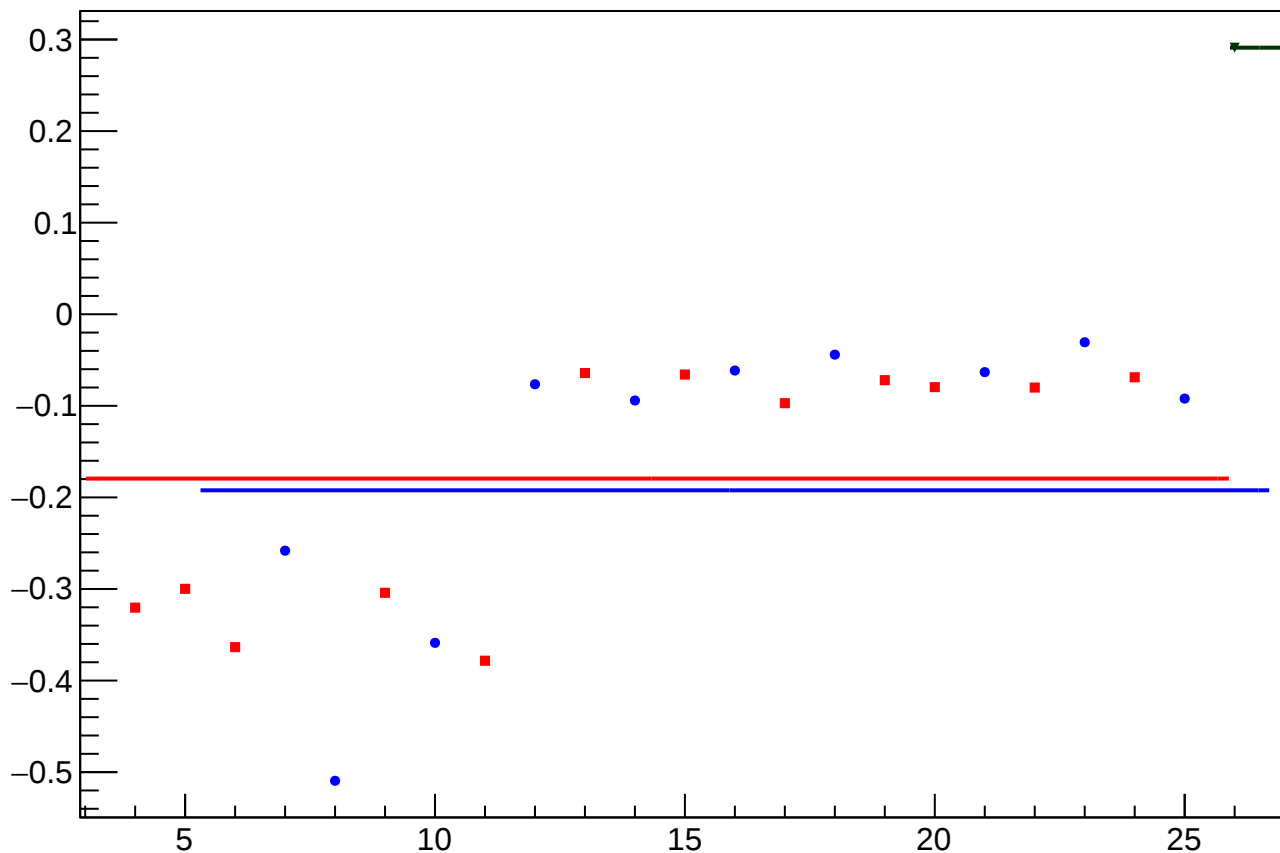
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

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

0.007+/-0.000 χ^2/NDF : 51254.8/10

0.007+/-0.000 χ^2/NDF : 37923.0/11

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

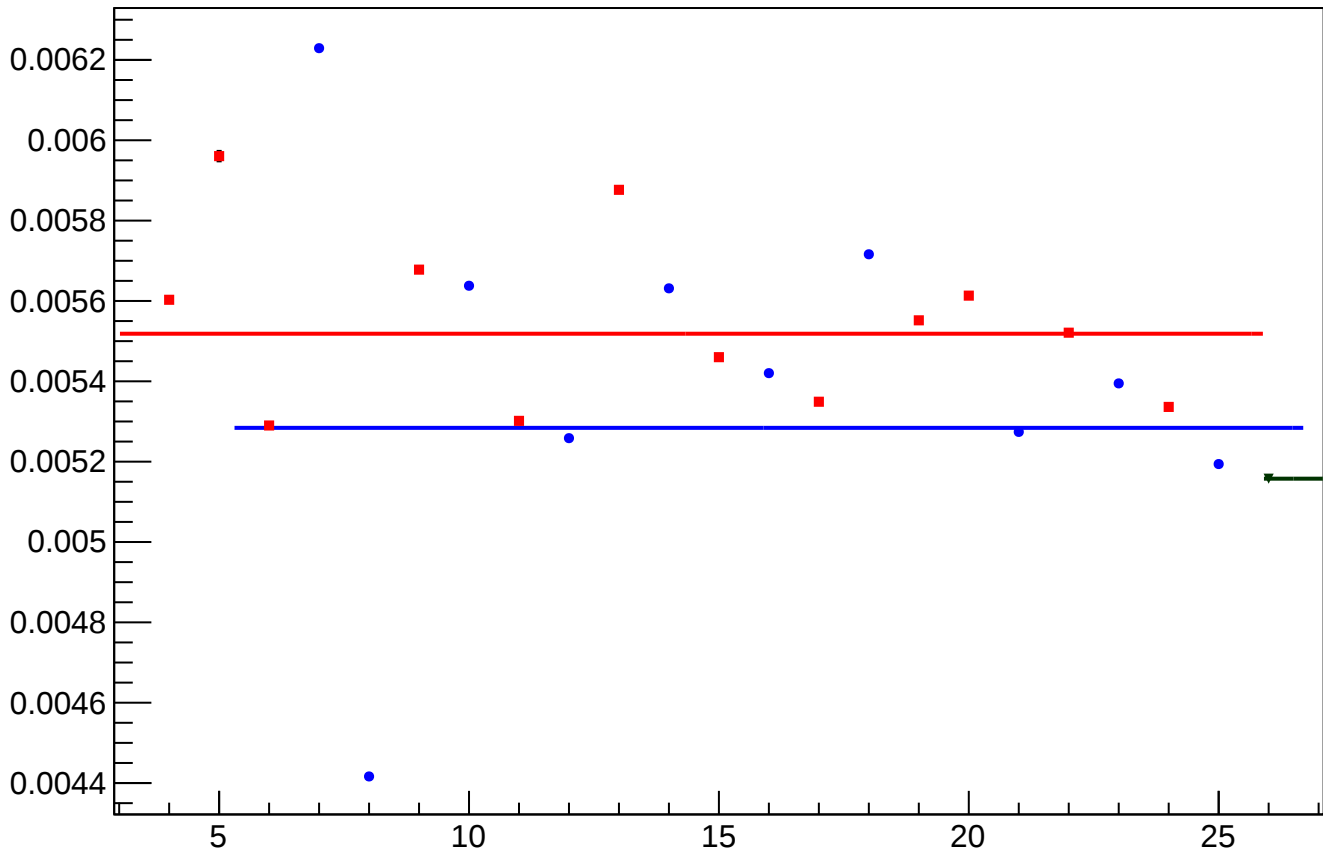
Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

Left In: 0.291+/-0.000 χ^2/NDF : 0.0/0

-0.156+/-0.000 χ^2/NDF : 11391675536.0/10

-0.179+/-0.000 χ^2/NDF : 3508774818.6/11

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

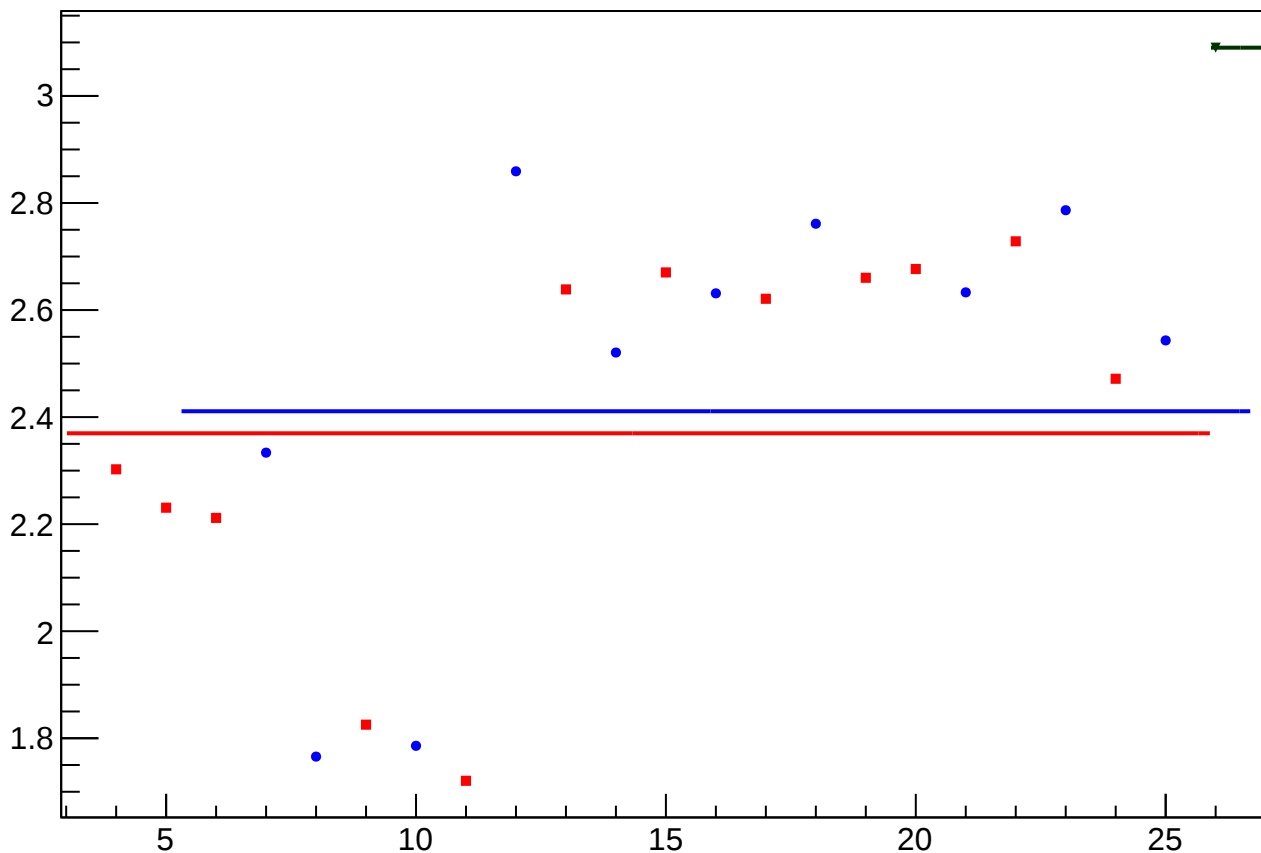
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 101840.7/10

0.006+/-0.000 χ^2/NDF : 15882.5/11

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 3.090+/-0.000 χ^2/NDF : 0.0/0

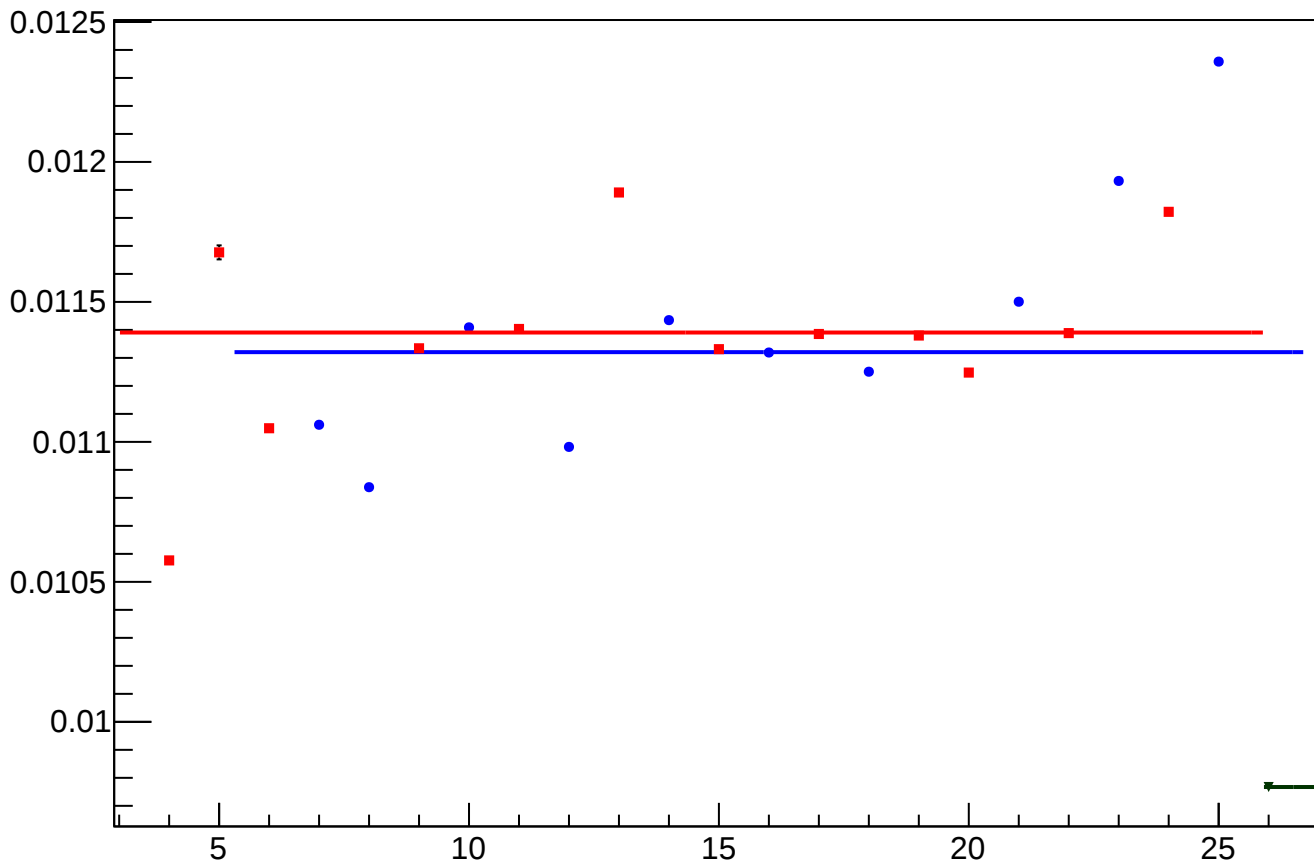
2.474+/-0.000 χ^2/NDF : 10410028155.2/10

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.370+/-0.000 χ^2/NDF : 6148614256.2/11

Left In: 3.090+/-0.000 χ^2/NDF : 0.0/0

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

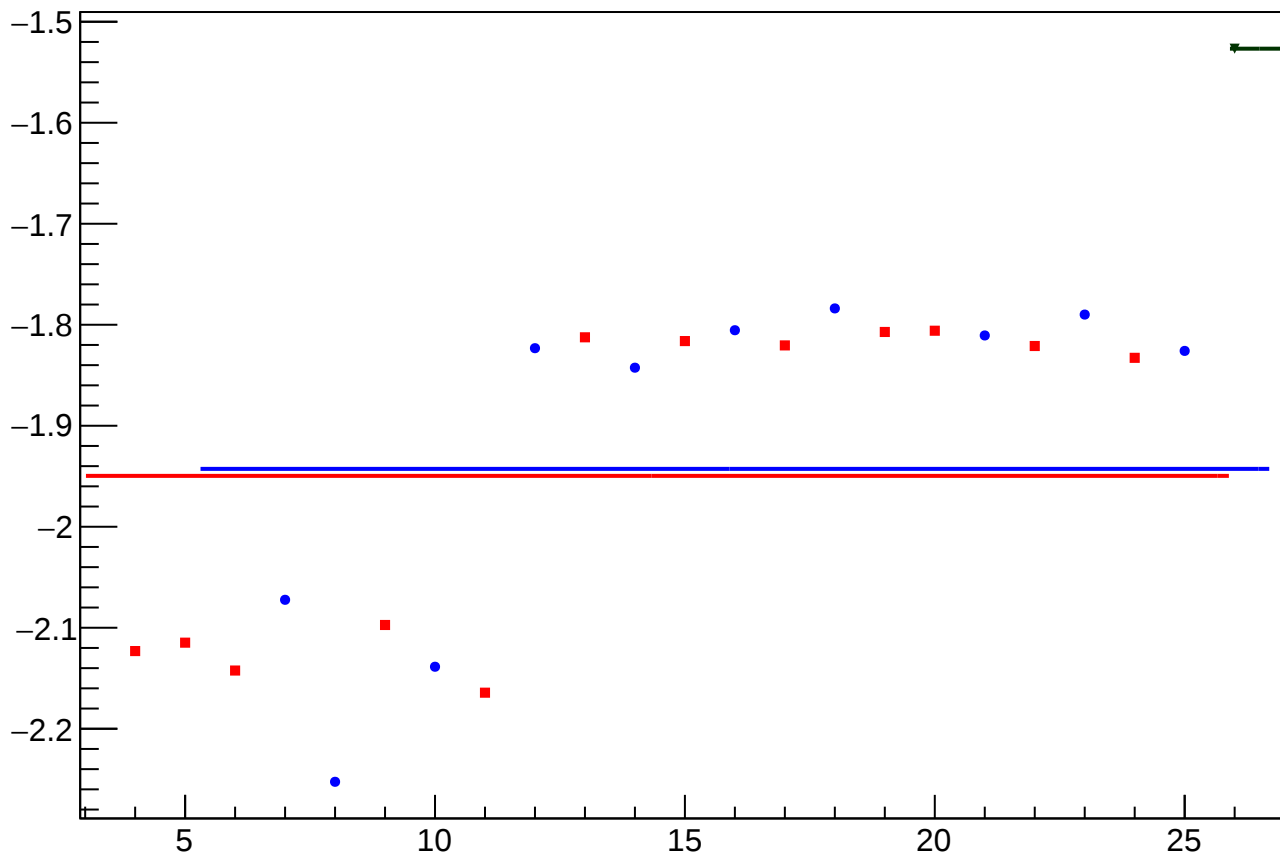
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

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 : 10496.6/11

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

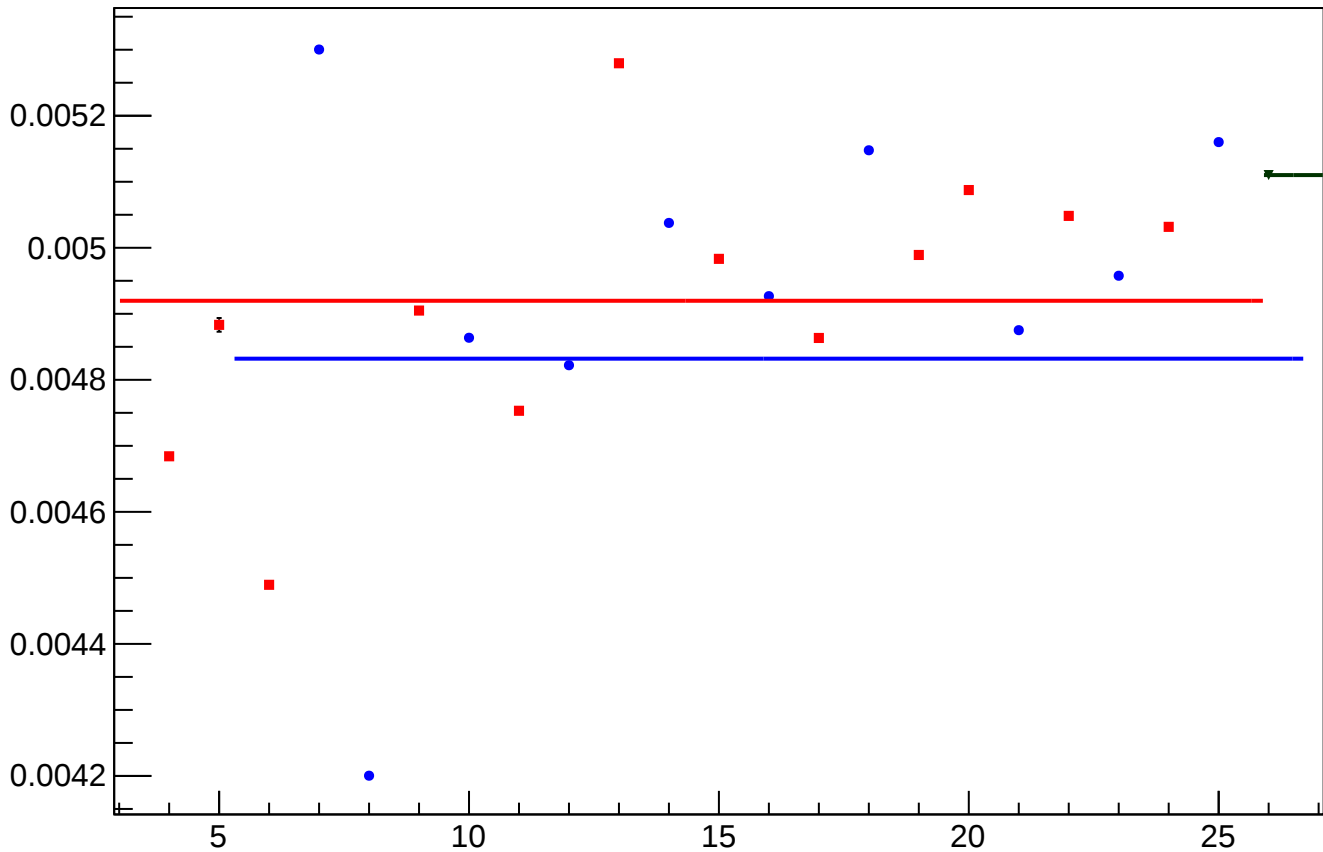
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.527+/-0.000 χ^2/NDF : 0.0/0

-1.916+/-0.000 χ^2/NDF : 12156711636.6/10

-1.950+/-0.000 χ^2/NDF : 6176400274.4/11

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

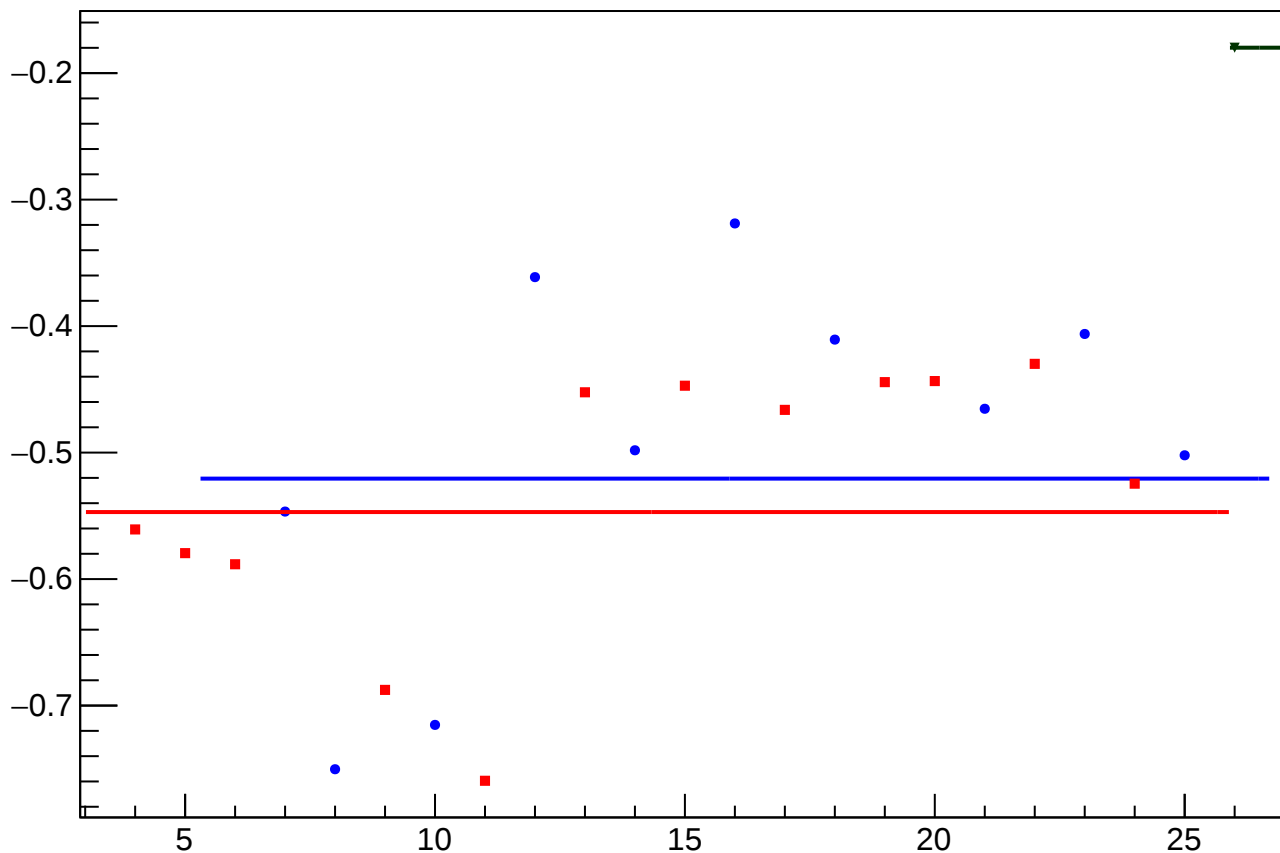
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

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 : 23832.0/11

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

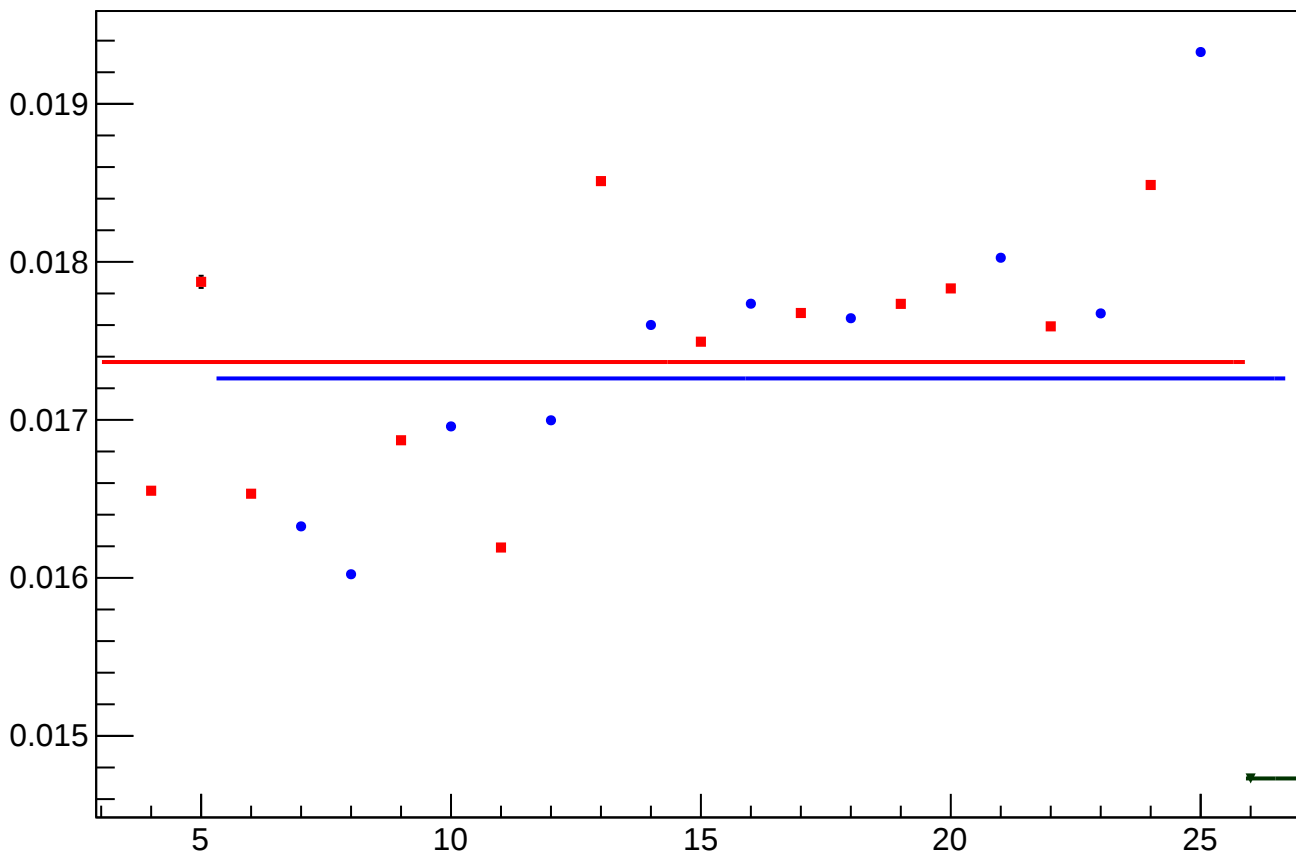
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

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

-0.488+/-0.000 χ^2/NDF : 711273166.3/10

-0.547+/-0.000 χ^2/NDF : 269735804.4/11

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

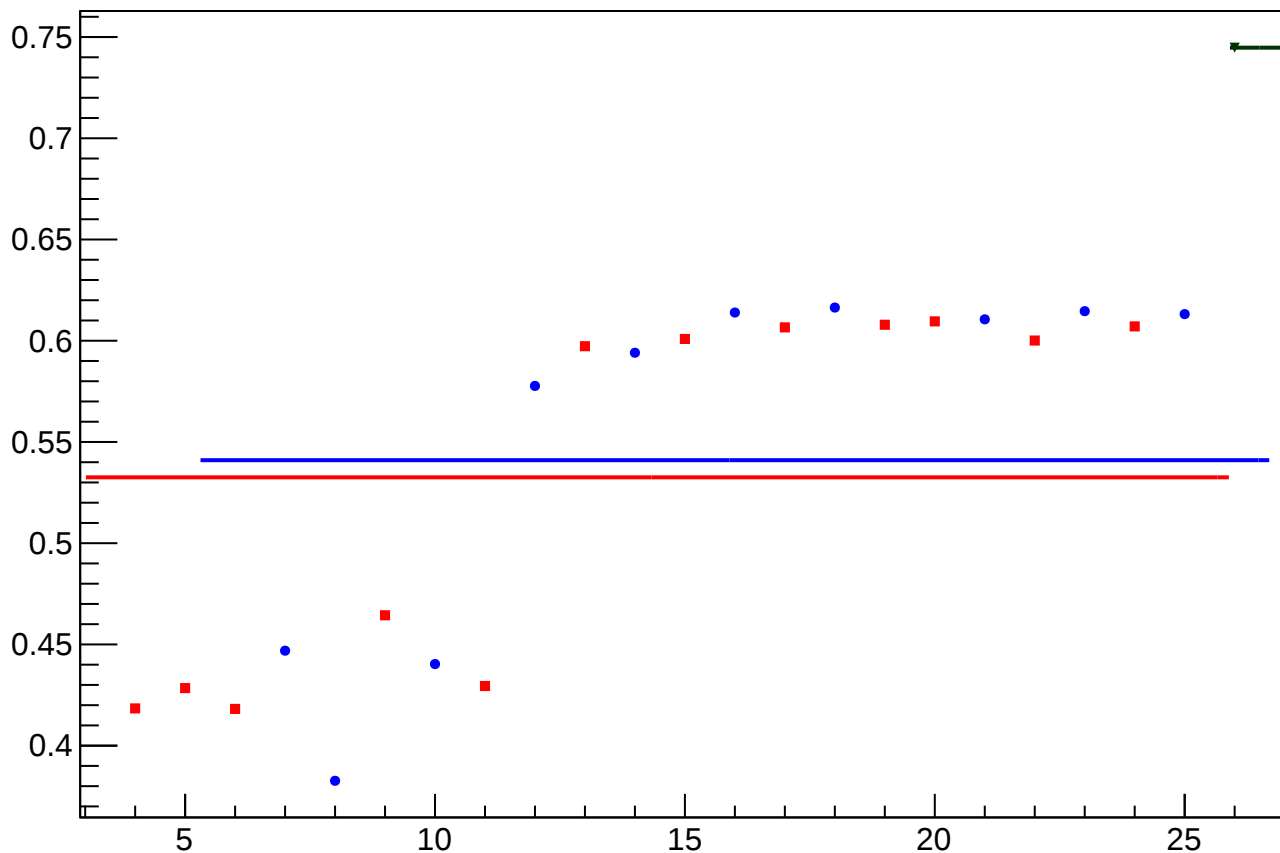
Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

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 : 25208.5/11

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.745+/-0.000 χ^2/NDF : 0.0/0

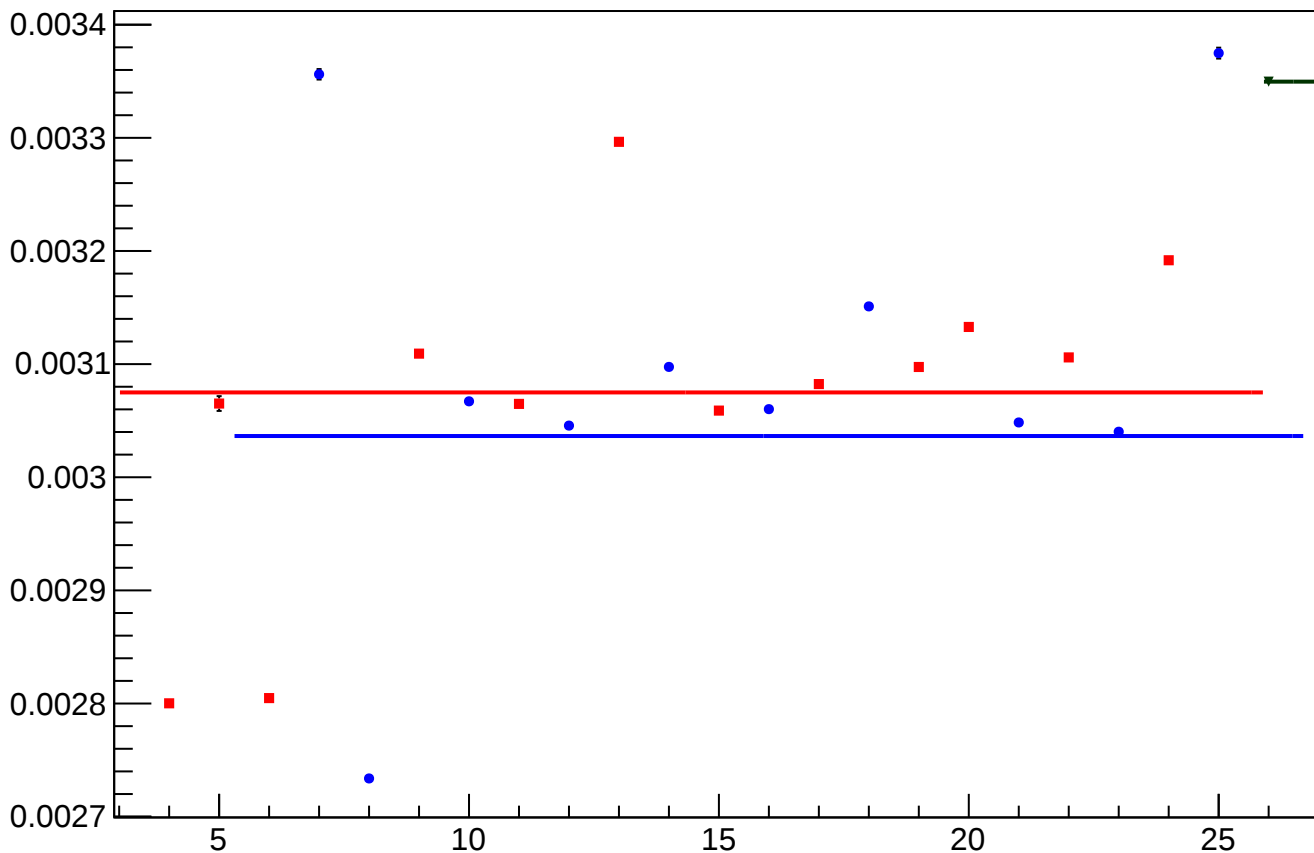
Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

Left In: 0.745+/-0.000 χ^2/NDF : 0.0/0

0.553+/-0.000 χ^2/NDF : 7549053098.8/10

0.533+/-0.000 χ^2/NDF : 4611310317.7/11

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

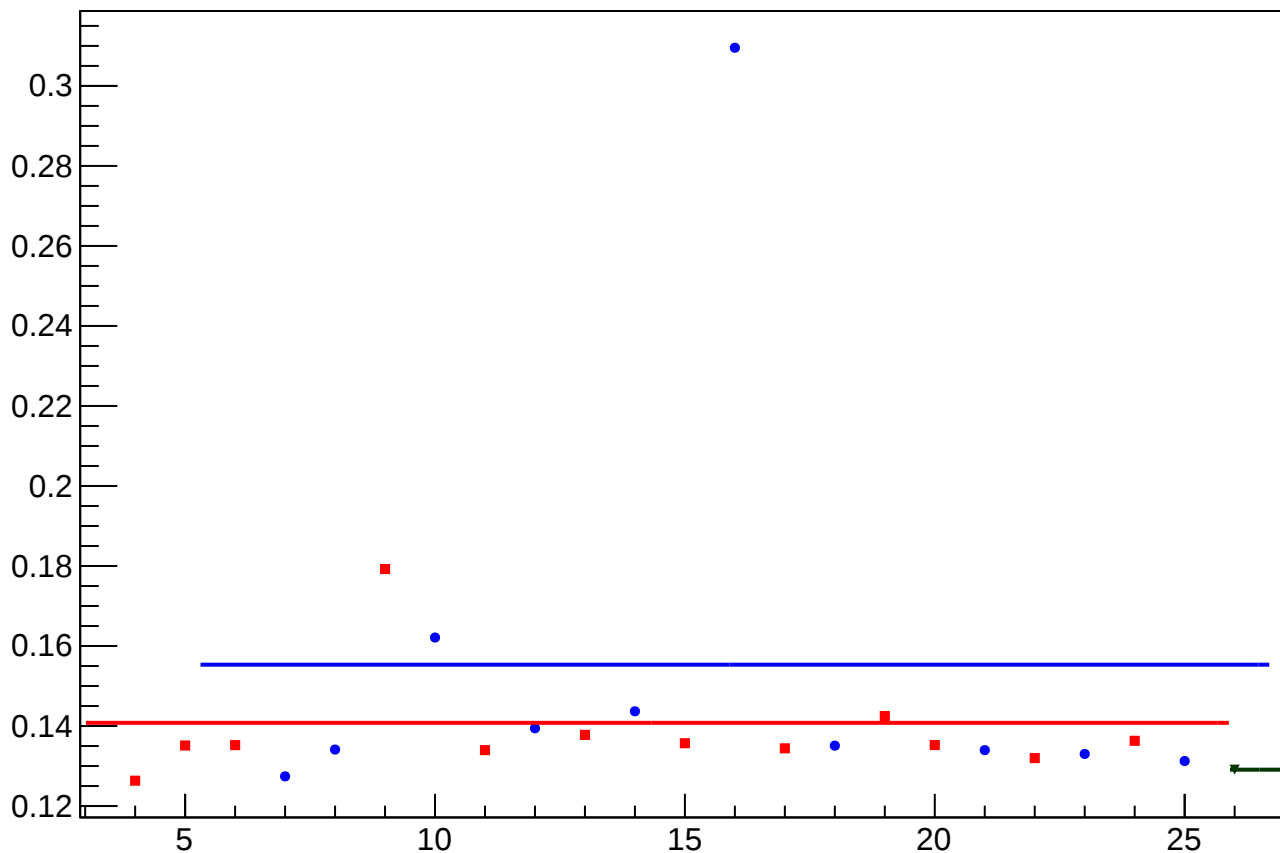
Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

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 : 27152.3/11

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

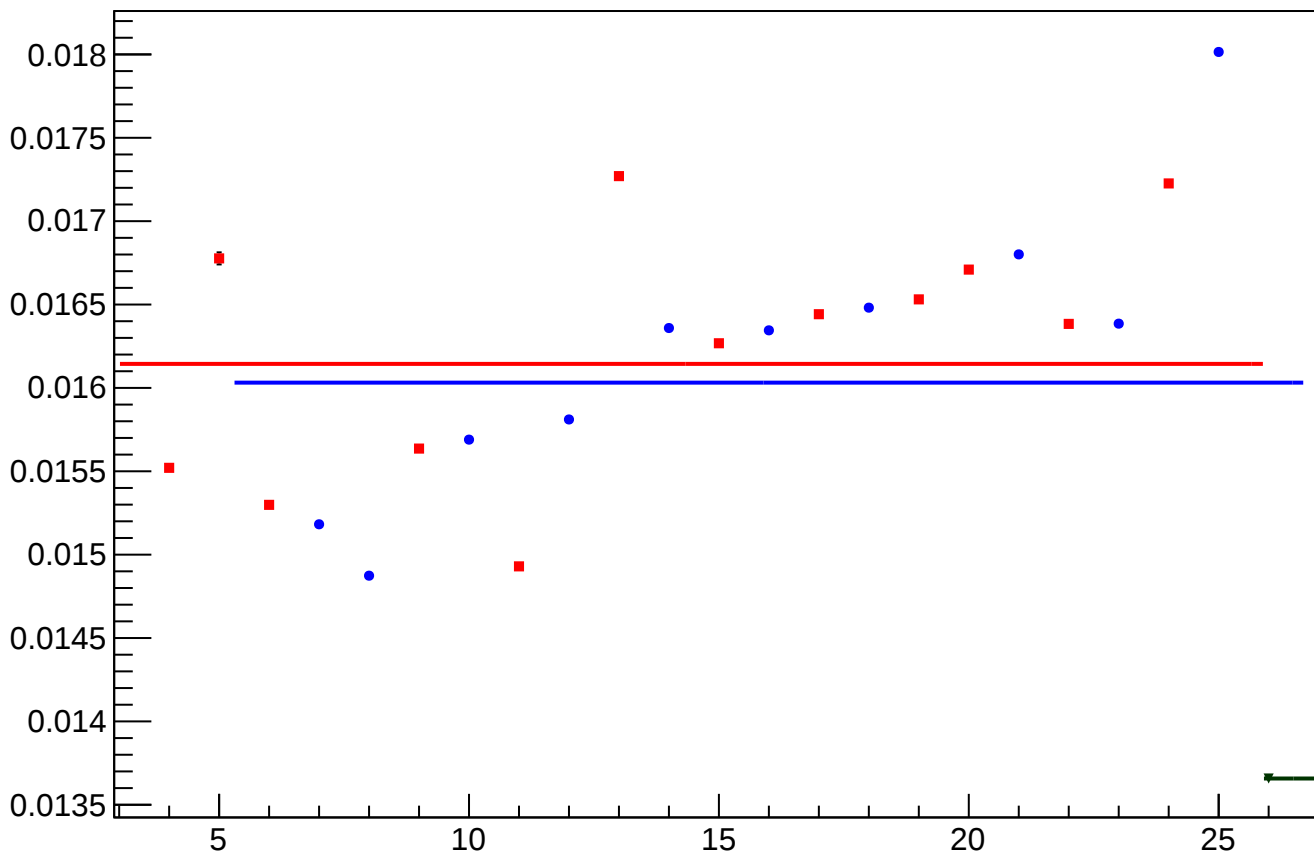
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.129+/-0.000 χ^2/NDF : 0.0/0

0.153+/-0.000 χ^2/NDF : 62172513.1/10

0.141+/-0.000 χ^2/NDF : 5462429.5/11

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

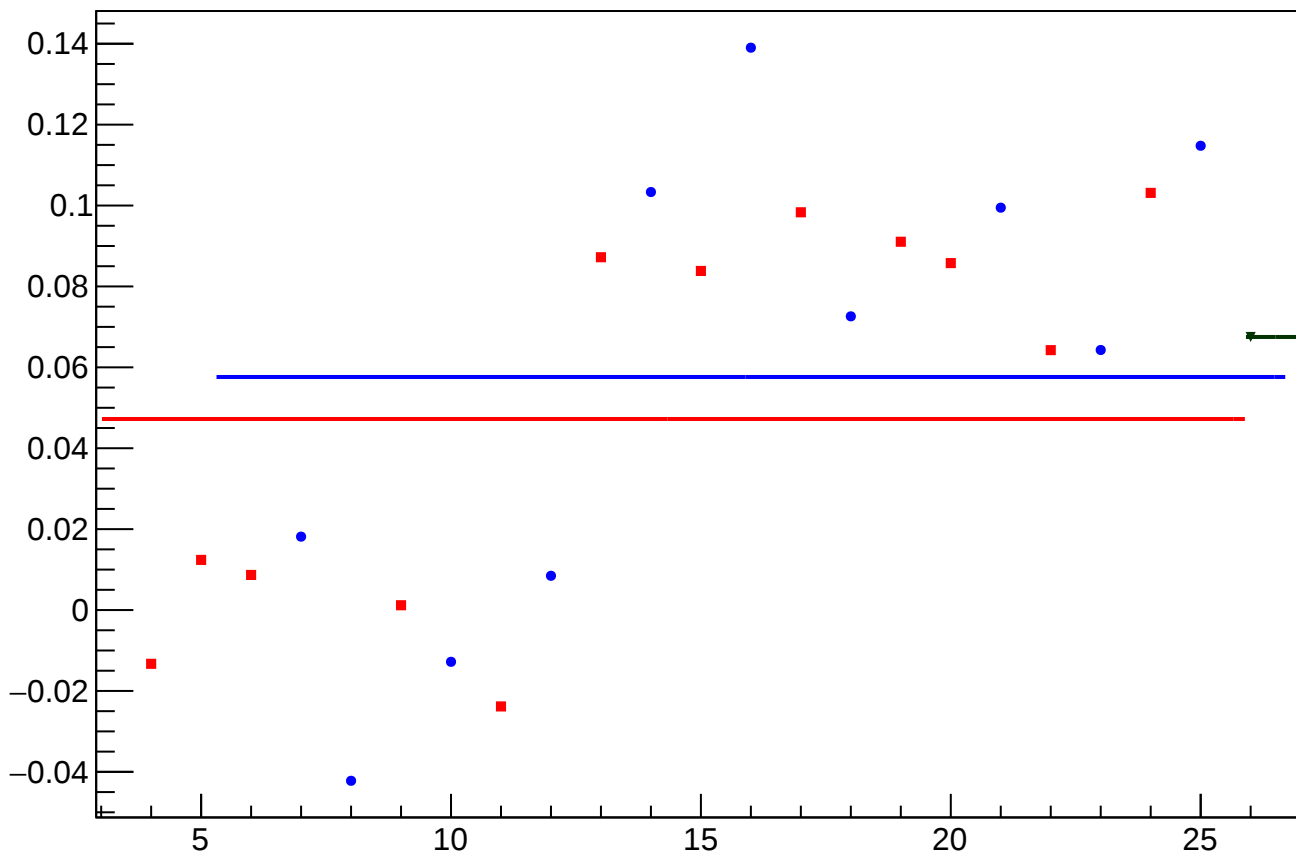
Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

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 : 28739.5/11

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

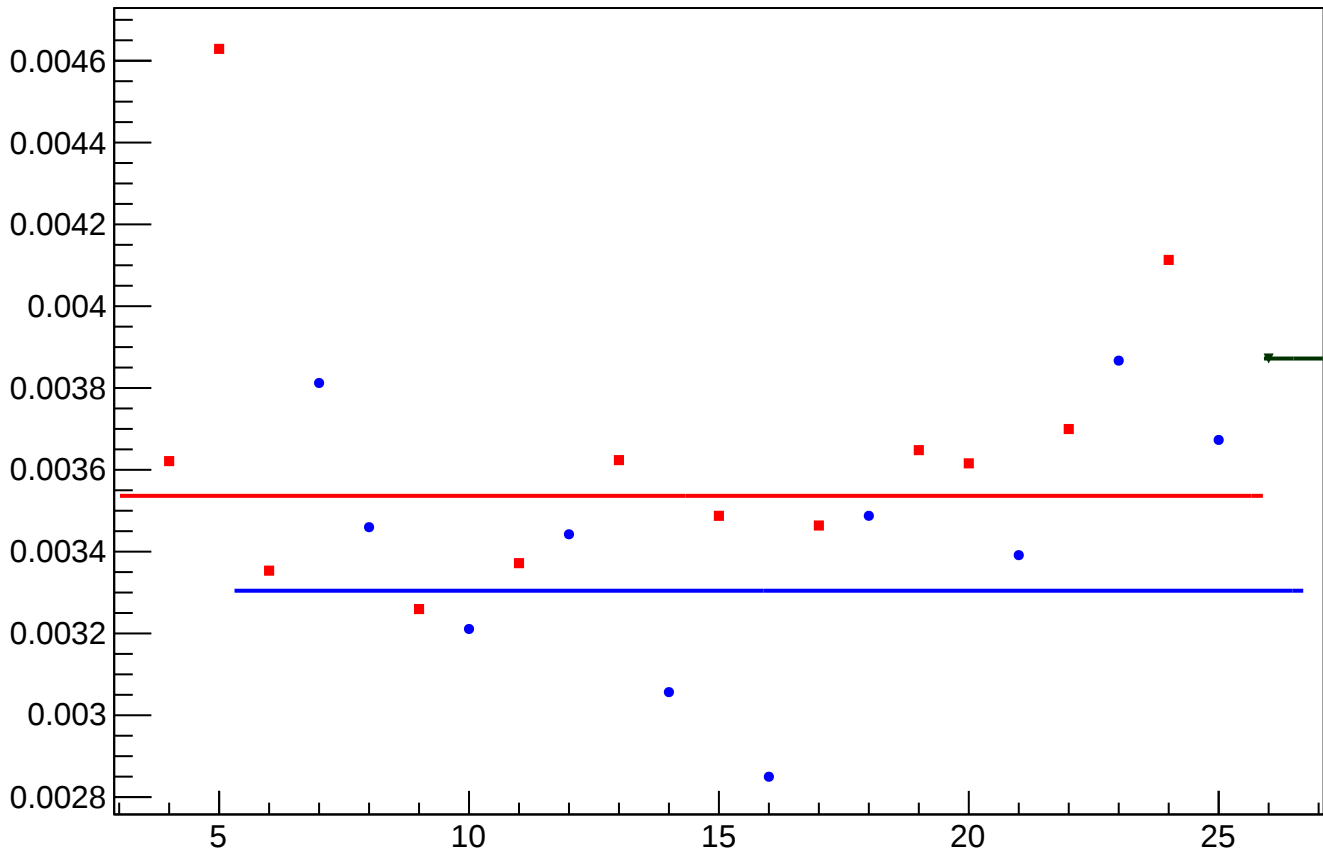
Right Out: 0.047+/-0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.068+/-0.000 χ^2/NDF : 0.0/0

0.058+/-0.000 χ^2/NDF : 2109794325.1/10

0.047+/-0.000 χ^2/NDF : 1076949152.4/11

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

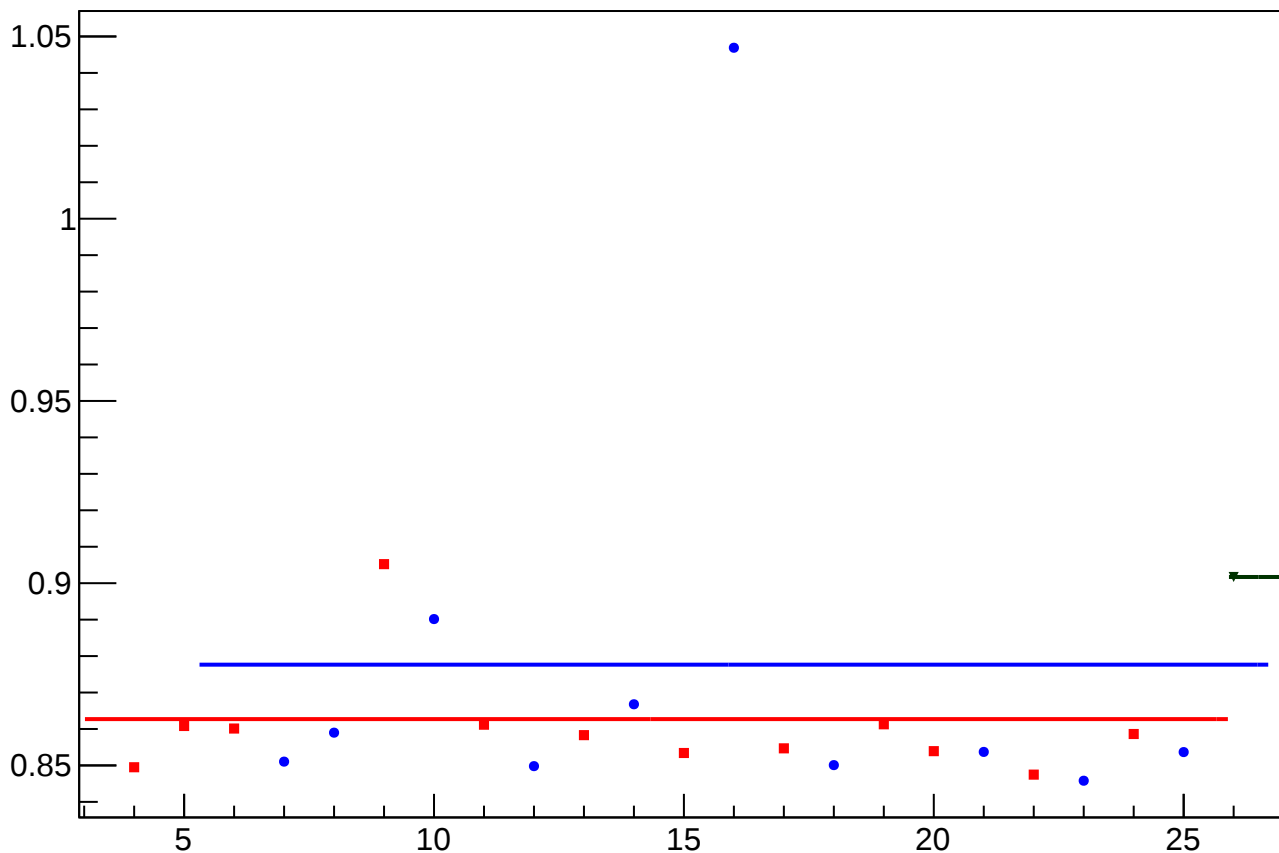
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

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 : 54073.0/11

yield_bpm0l09X_mean vs slug



Right In: 0.878 $\pm$ 0.000 χ^2 /NDF: 78564555.7/9

Left Out: 0.902 $\pm$ 0.000 χ^2 /NDF: 0.0/0

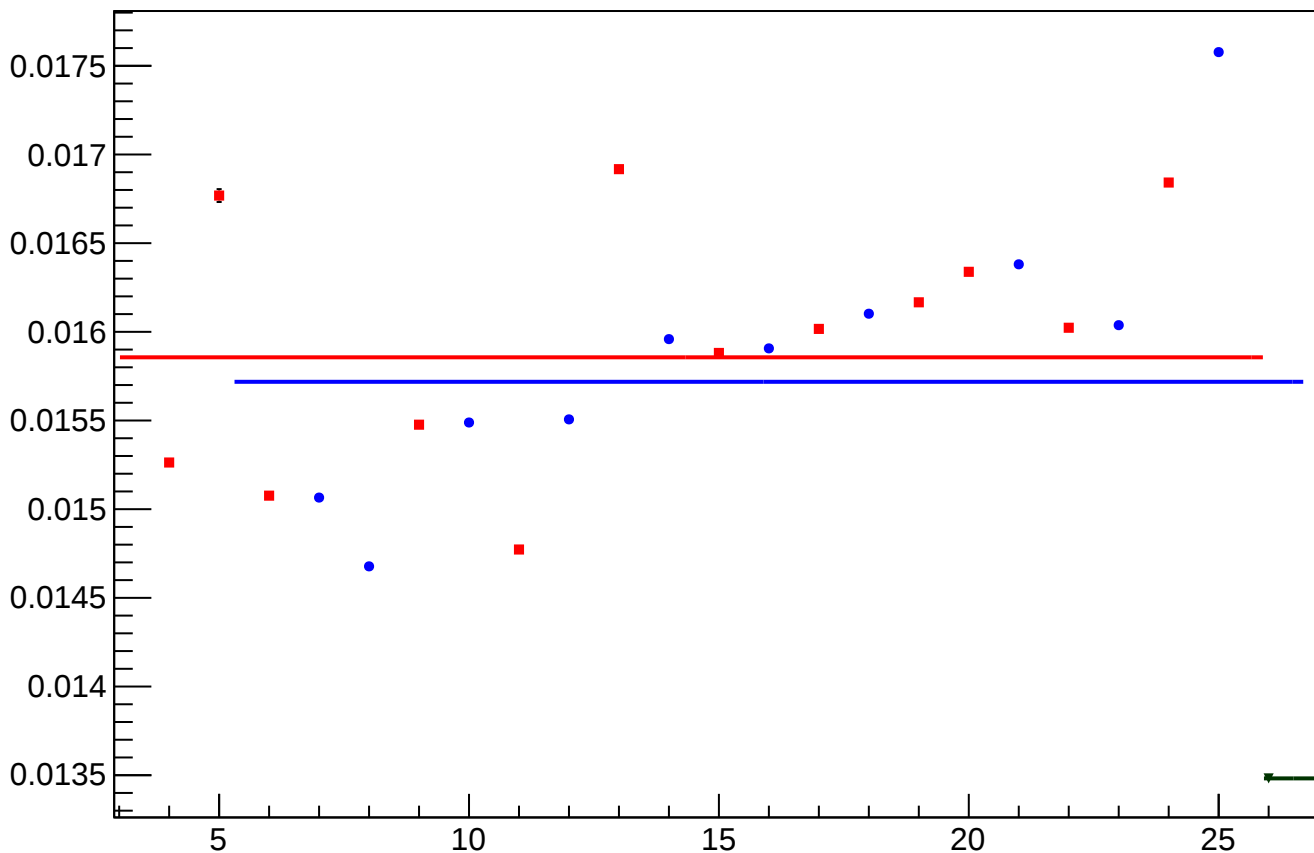
Right Out: 0.863 $\pm$ 0.000 χ^2 /NDF: 6919011.1/11

Left In: 0.902 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.880 $\pm$ 0.000 χ^2 /NDF: 79982047.6/10

0.863 $\pm$ 0.000 χ^2 /NDF: 6919011.1/11

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

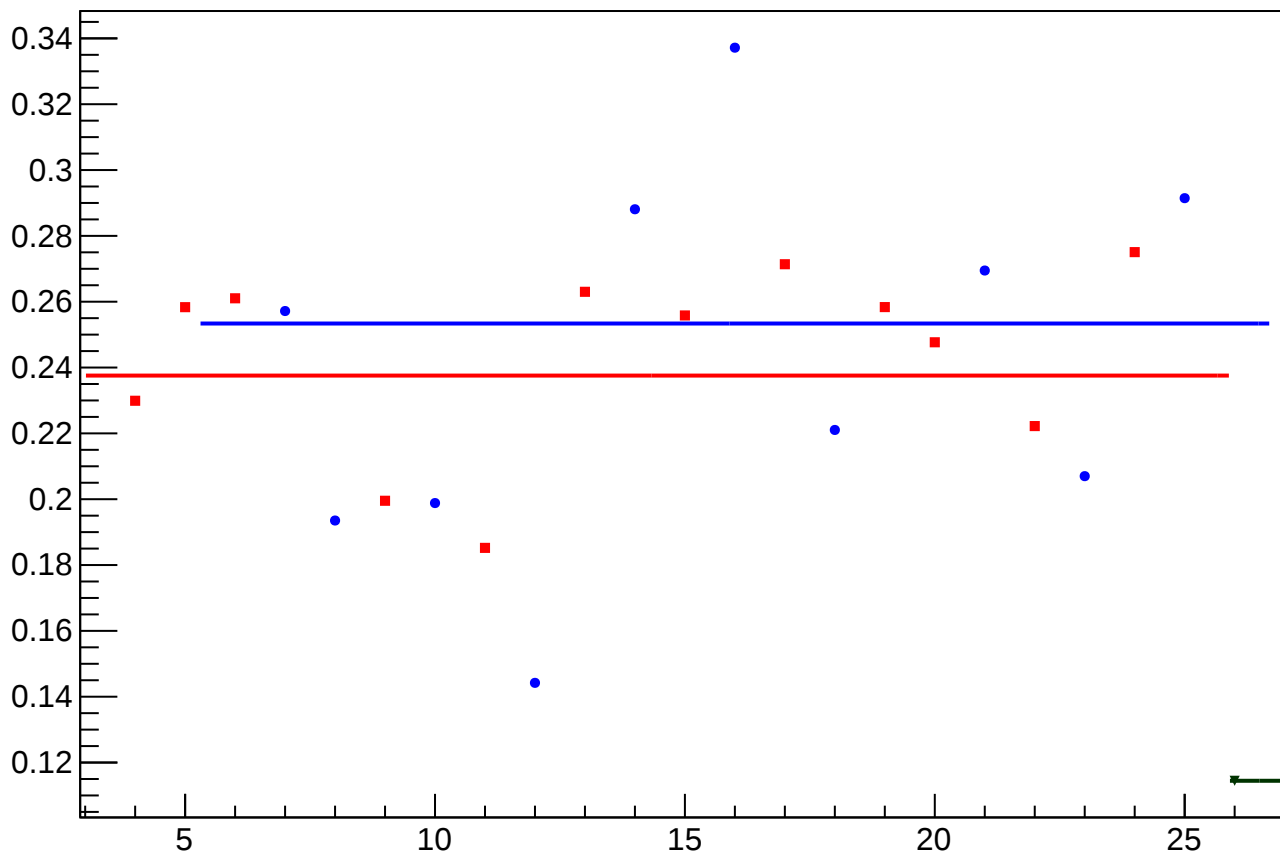
Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

Left In: 0.013+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 44625.2/10

0.016+/-0.000 χ^2/NDF : 24366.1/11

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

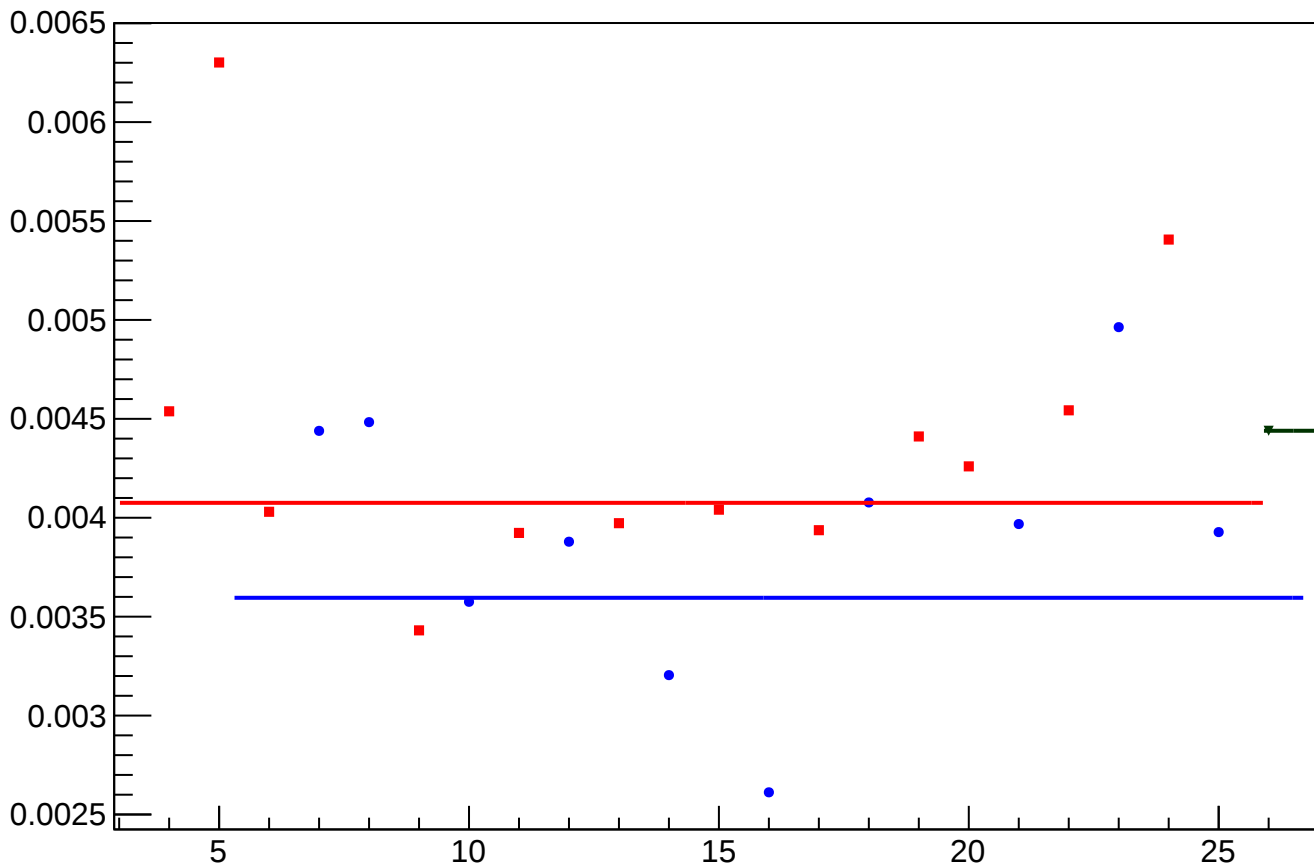
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.114+/-0.000 χ^2/NDF : 0.0/0

0.247+/-0.000 χ^2/NDF : 2039132379.0/10

0.238+/-0.000 χ^2/NDF : 338609573.2/11

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

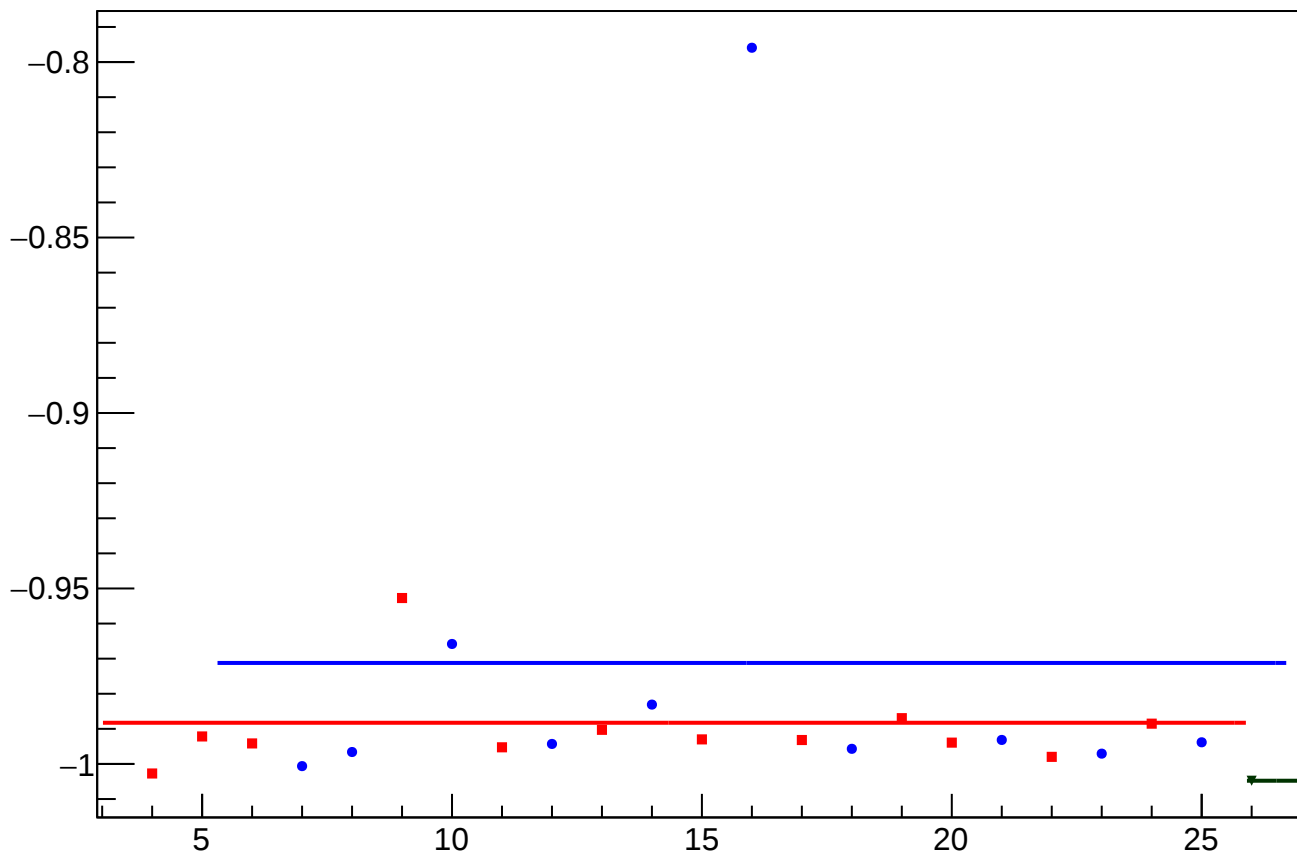
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.004+/-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 : 164404.0/11

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

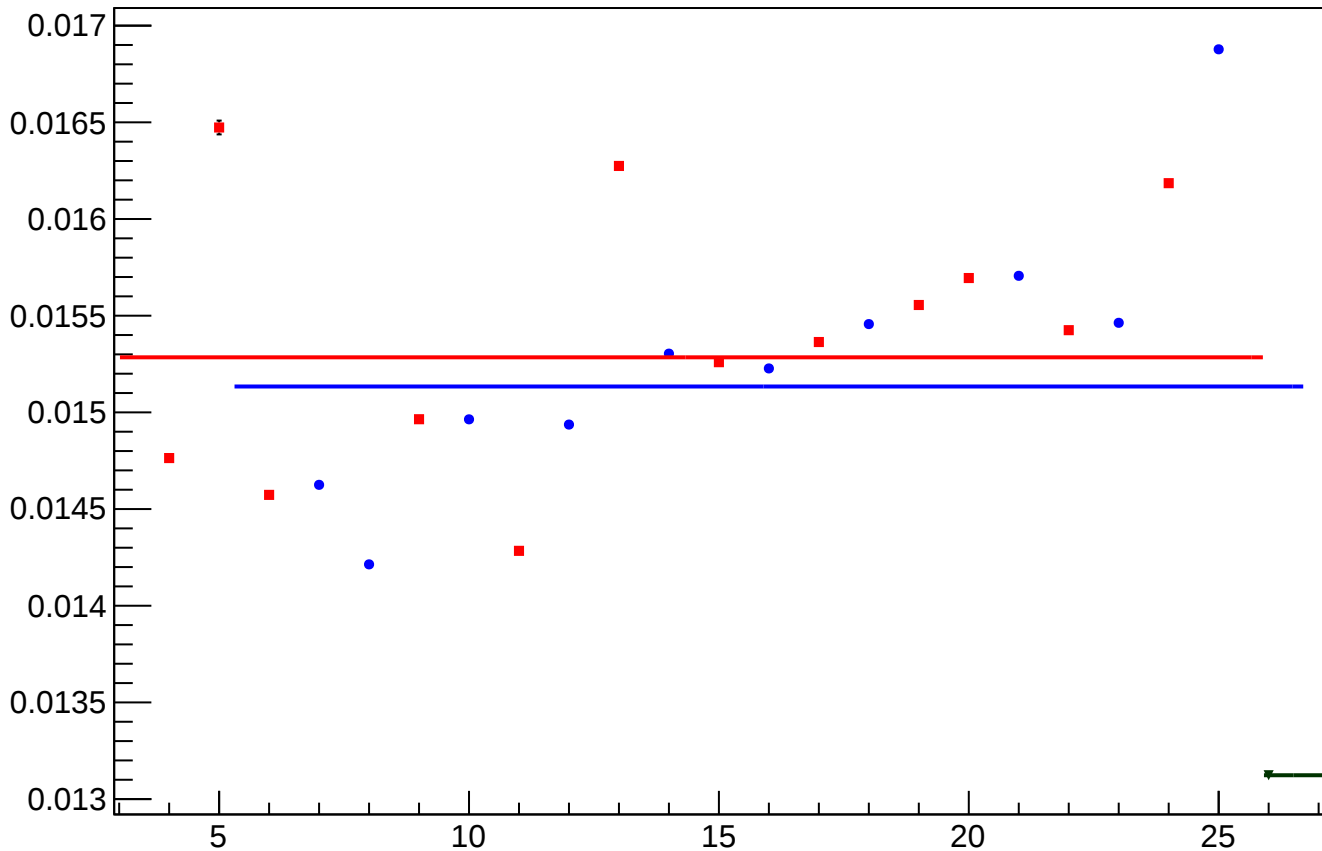
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -1.005+/-0.000 χ^2/NDF : 0.0/0

-0.974+/-0.000 χ^2/NDF : 92829654.6/10

-0.988+/-0.000 χ^2/NDF : 5195068.8/11

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

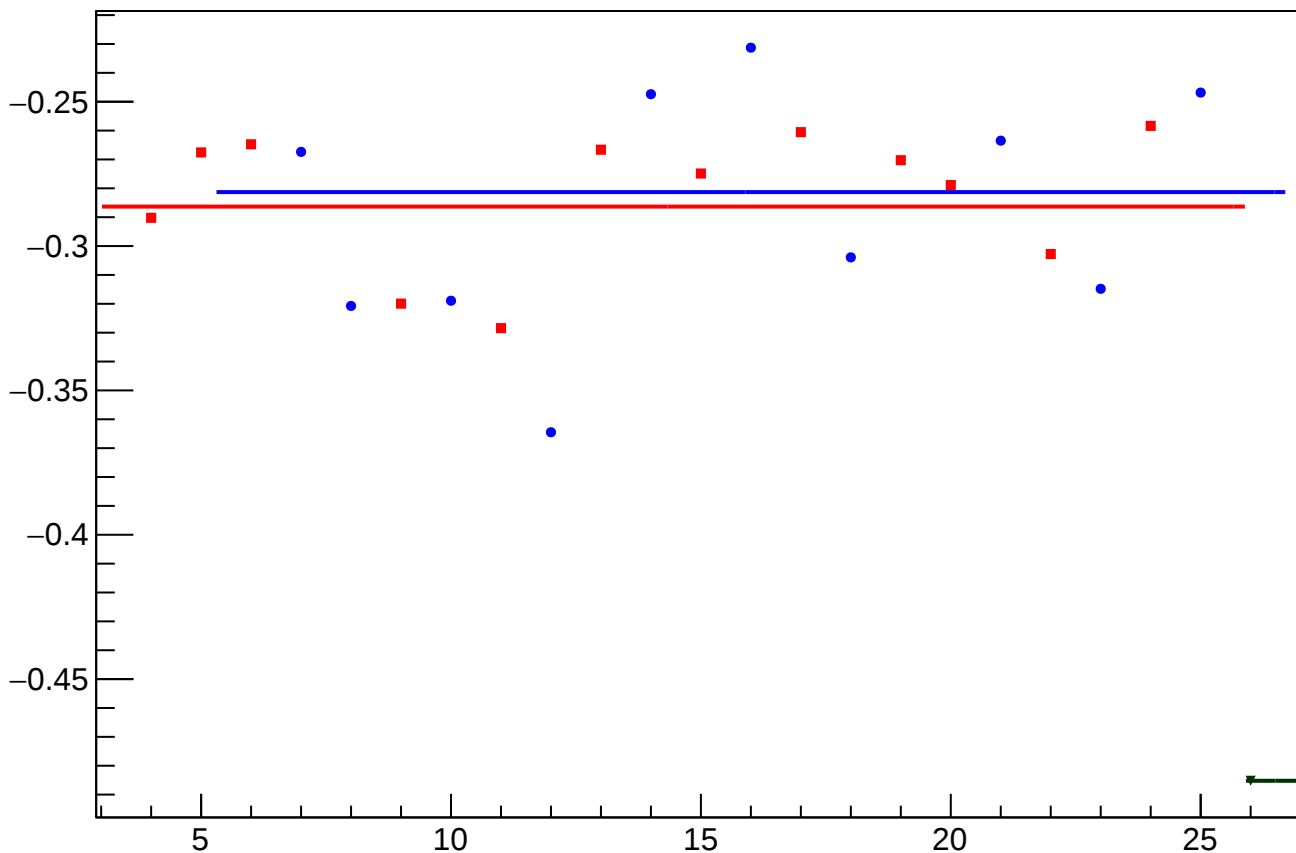
Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

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 : 22407.0/11

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

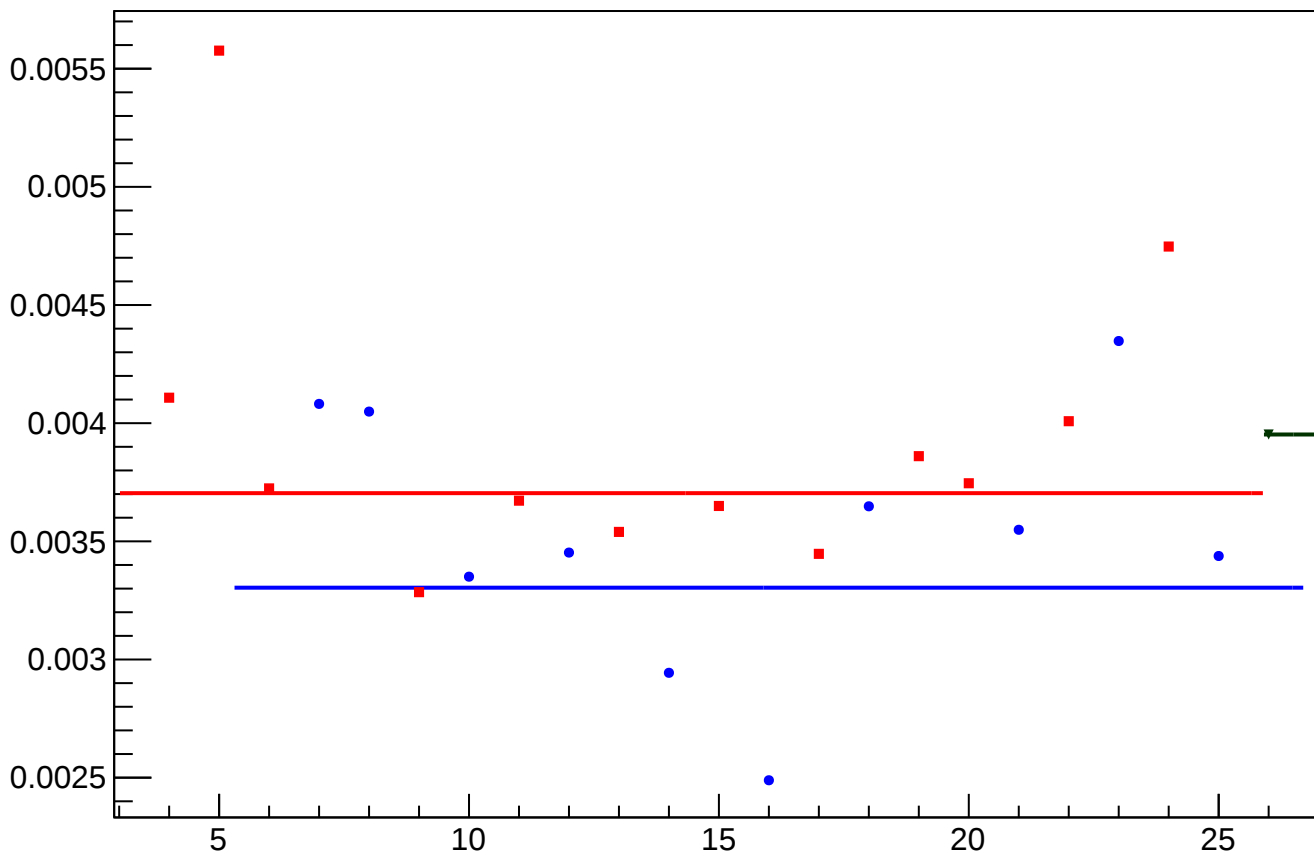
-0.292+/-0.000 χ^2/NDF : 2155278674.2/10

Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

-0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.485+/-0.000 χ^2/NDF : 0.0/0

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 : 119237.1/11