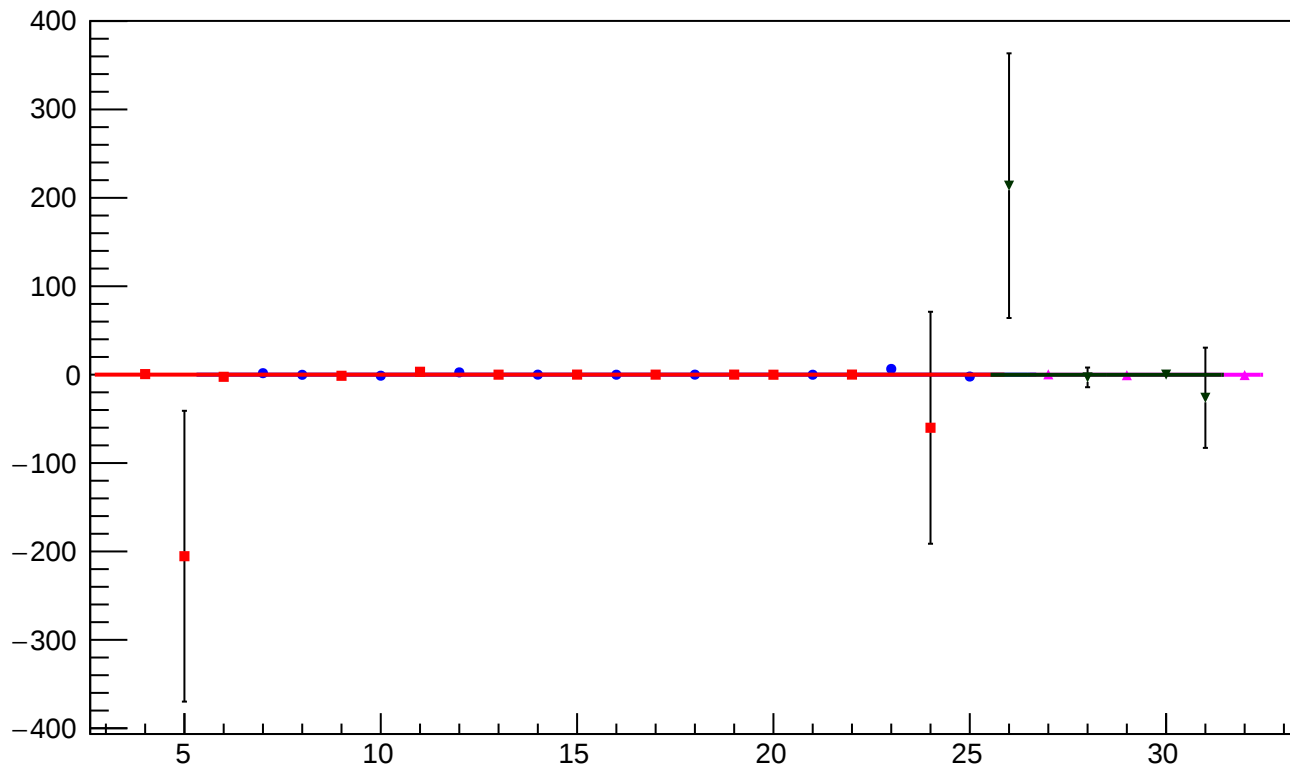


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

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

Left Out: -0.156 ± 2.888

$\chi^2/\text{NDF}: 2.3/3$

Right Out: 0.017 ± 0.016

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

Left In: -0.111 ± 0.170

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

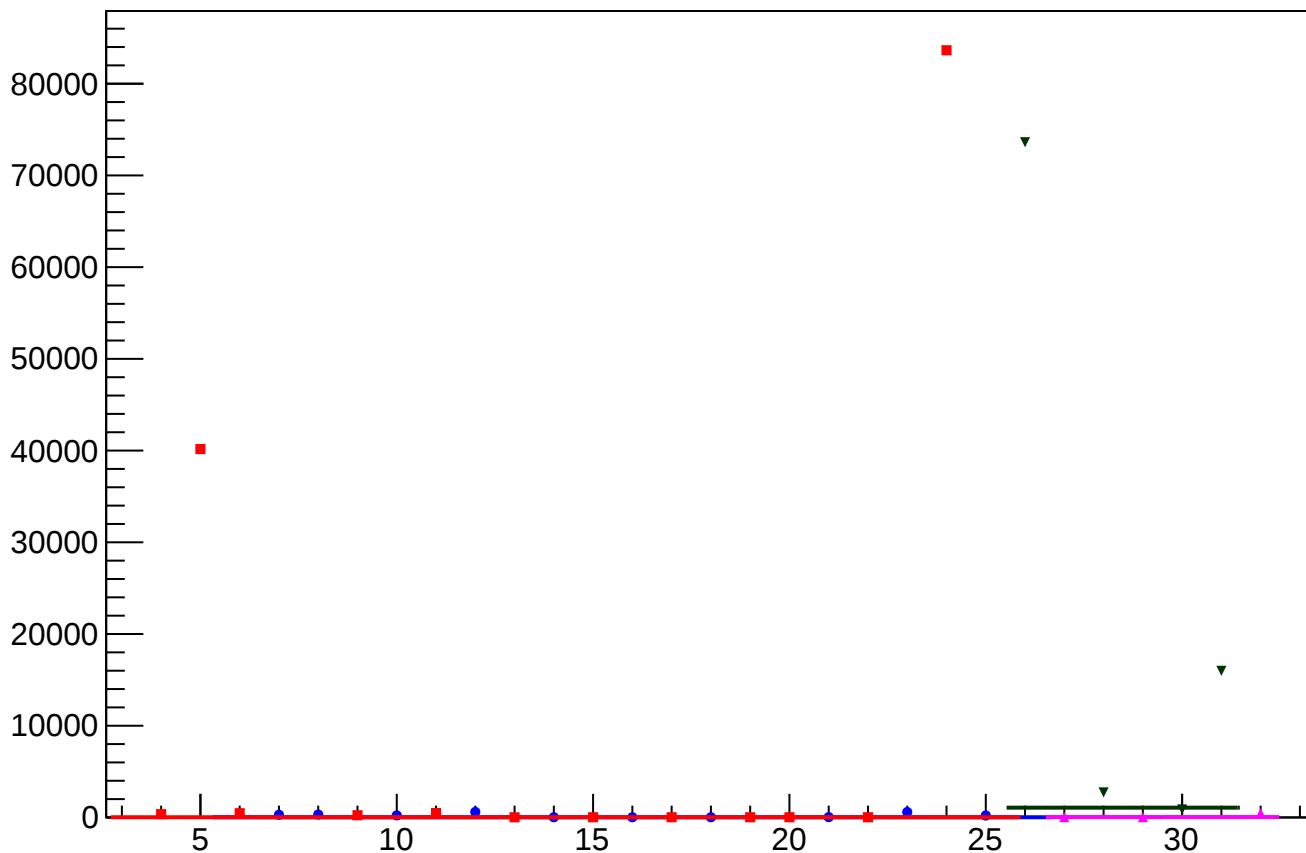
-0.014 ± 0.014

$\chi^2/\text{NDF}: 20.3/13$

0.016 ± 0.016

$\chi^2/\text{NDF}: 27.9/14$

diff_cav4bX_rms vs slug



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

Left Out: 1067.543+/-2.042 χ^2 /NDF: 661086.7/3

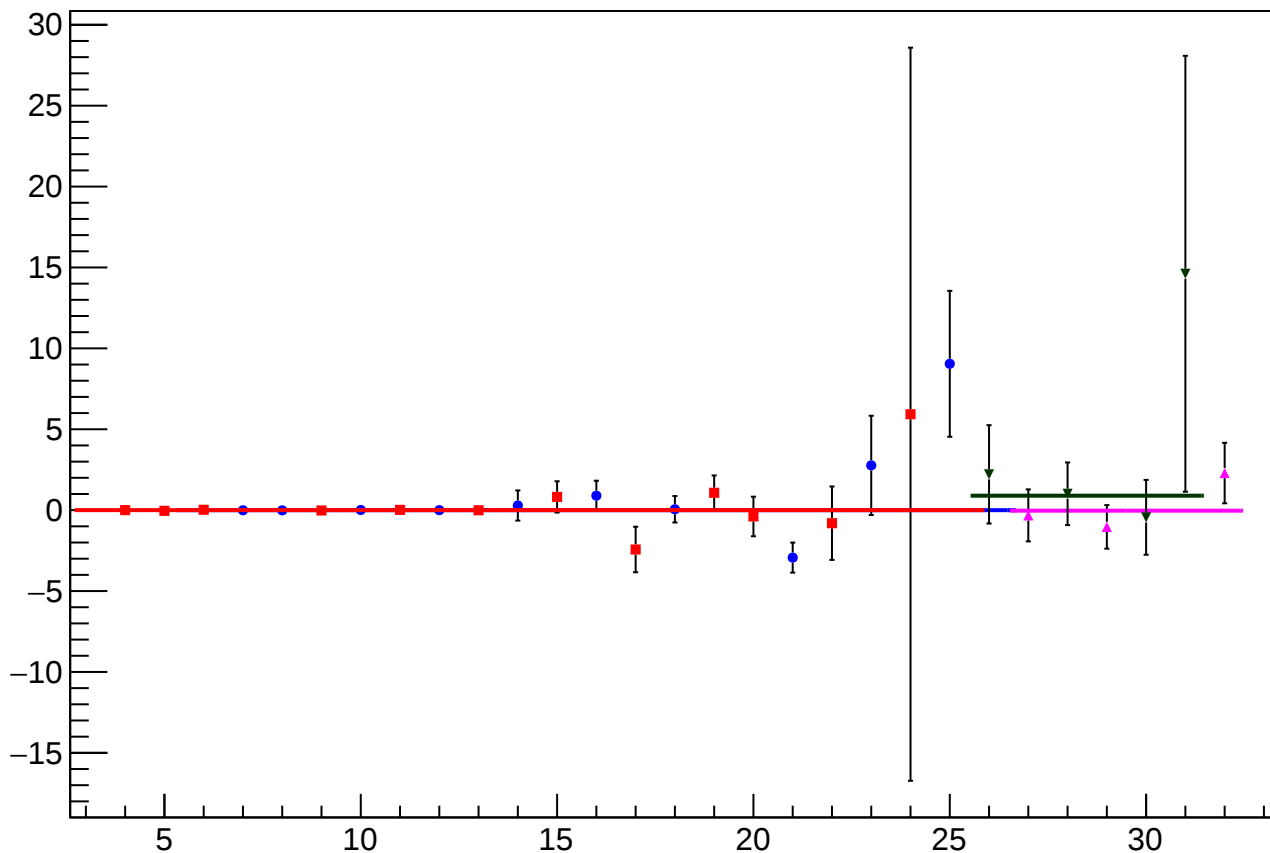
Right Out: 22.575+/-0.011 χ^2 /NDF: 1409994.7/11

Left In: 45.954+/-0.120 χ^2 /NDF: 242833.4/2

22.424+/-0.010 χ^2 /NDF: 1693563.5/13

22.784+/-0.011 χ^2 /NDF: 1690395.9/14

diff_cav4bY_mean vs slug



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

Left Out: 0.895 ± 1.327 $\chi^2/\text{NDF}: 1.6/3$

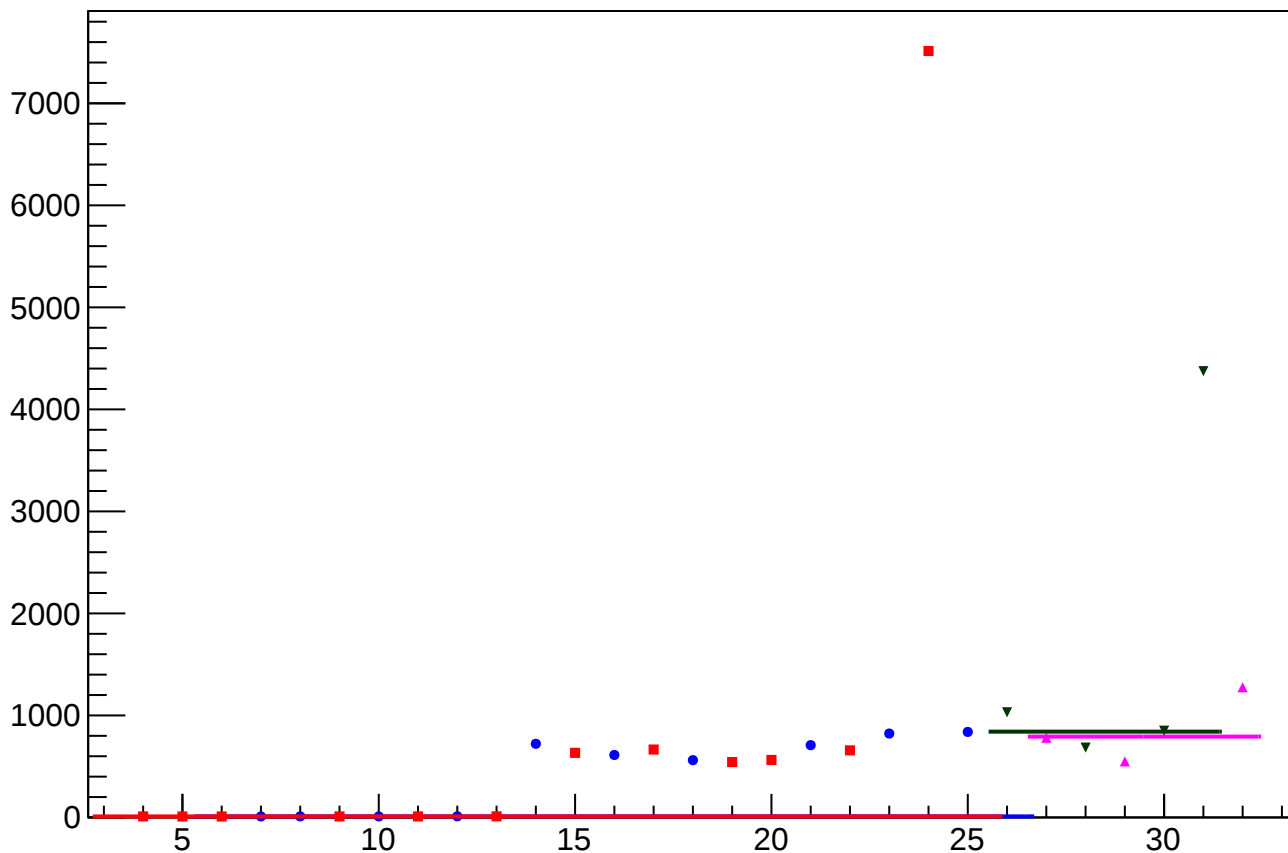
Right Out: 0.002 ± 0.005 $\chi^2/\text{NDF}: 19.1/14$

Left In: -0.032 ± 0.904 $\chi^2/\text{NDF}: 2.1/2$

-0.001 ± 0.006 $\chi^2/\text{NDF}: 20.2/13$

0.002 ± 0.005 $\chi^2/\text{NDF}: 19.1/14$

diff_cav4bY_rms vs slug



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

Left Out: 841.081+/-0.939 χ^2/NDF : 158519.3/3

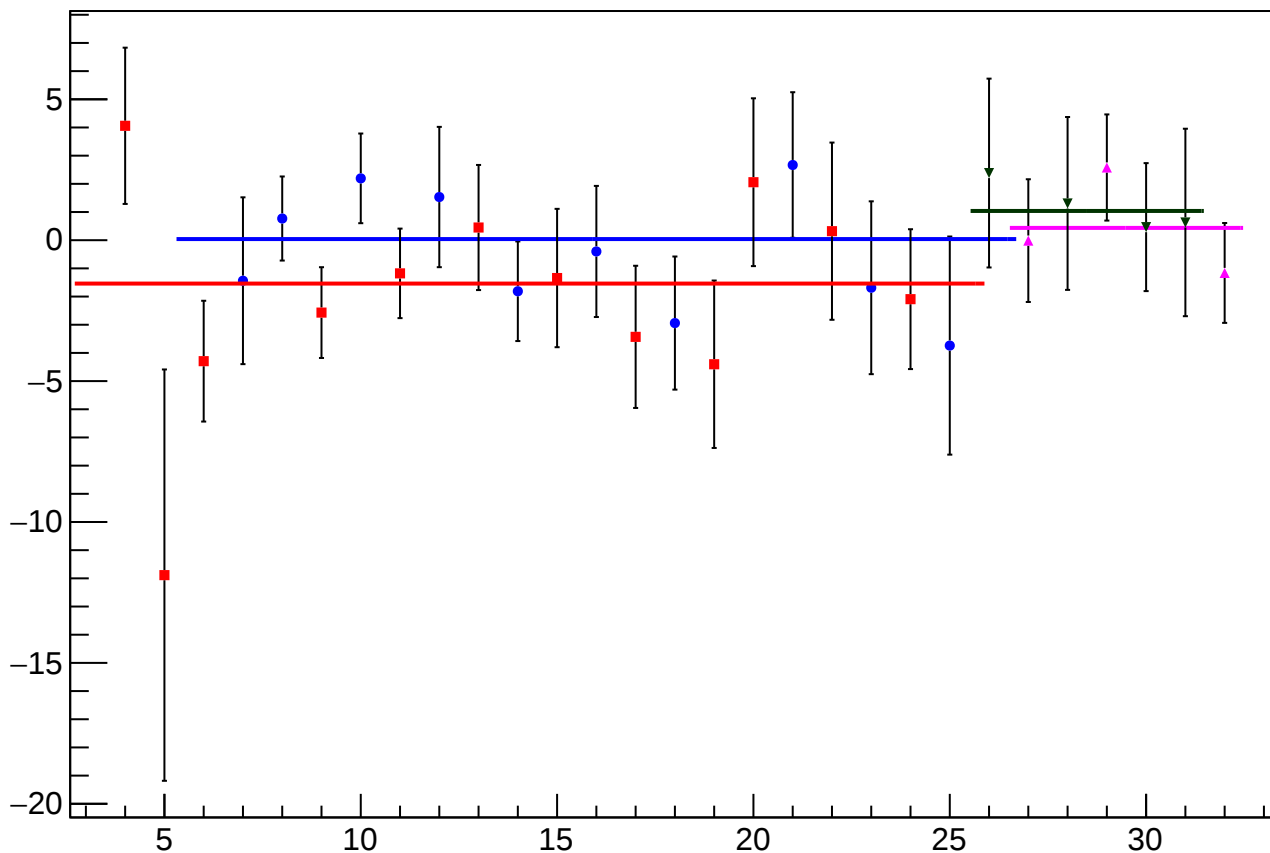
Right Out: 10.074+/-0.004 χ^2/NDF : 2563210.4/11

Left In: 792.701+/-0.639 χ^2/NDF : 199026.3/2

10.510+/-0.005 χ^2/NDF : 5219567.9/13

10.103+/-0.004 χ^2/NDF : 4261653.0/14

diff_cav4cX_mean vs slug



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

Left Out: 1.038 $\pm$ 1.444 χ^2 /NDF: 0.2/3

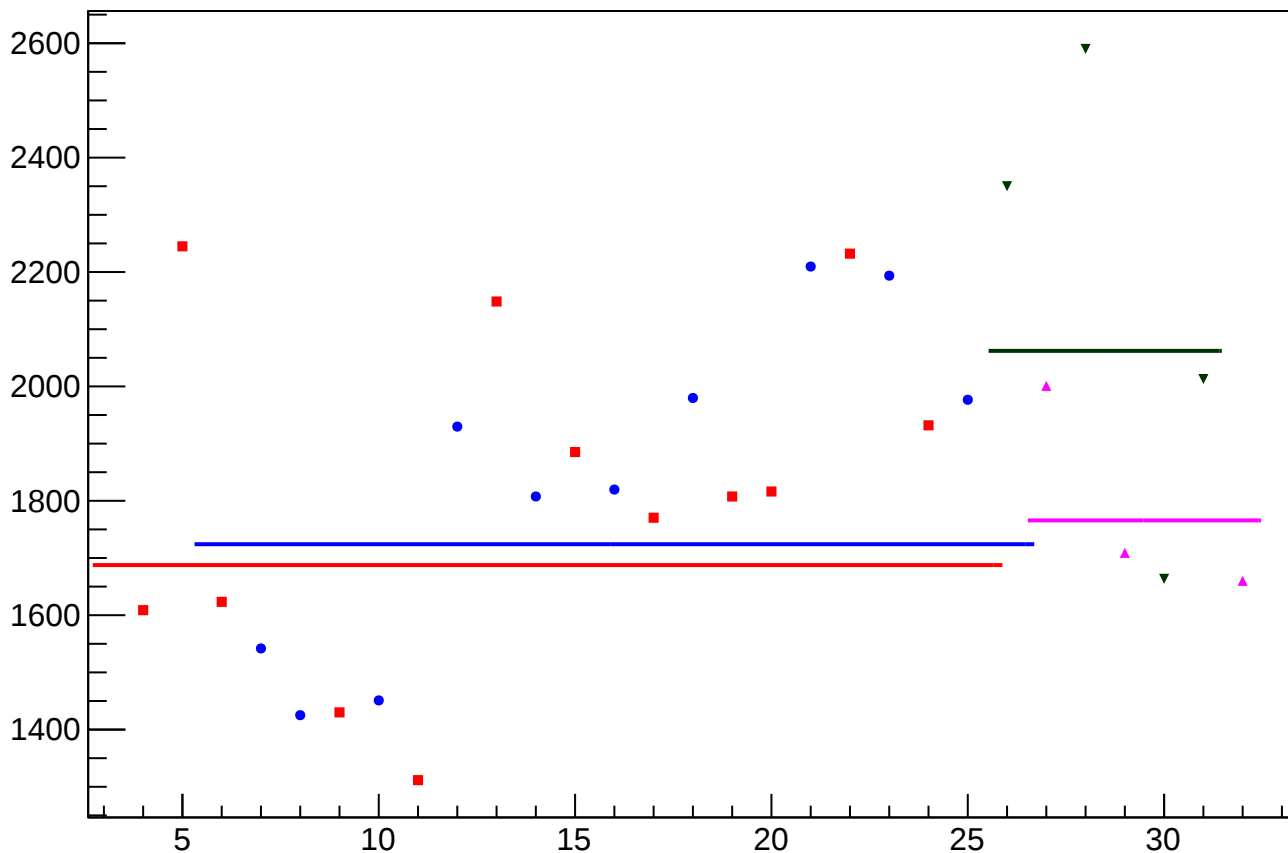
Right Out: -1.539 $\pm$ 0.680 χ^2 /NDF: 12.4/11

Left In: 0.437 $\pm$ 1.110 χ^2 /NDF: 2.2/2

0.224 $\pm$ 0.619 χ^2 /NDF: 8.4/13

-1.000 $\pm$ 0.580 χ^2 /NDF: 16.8/14

diff_cav4cX_rms vs slug



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

Left Out: 2062.167+/-1.021 χ^2/NDF :136062.3/3

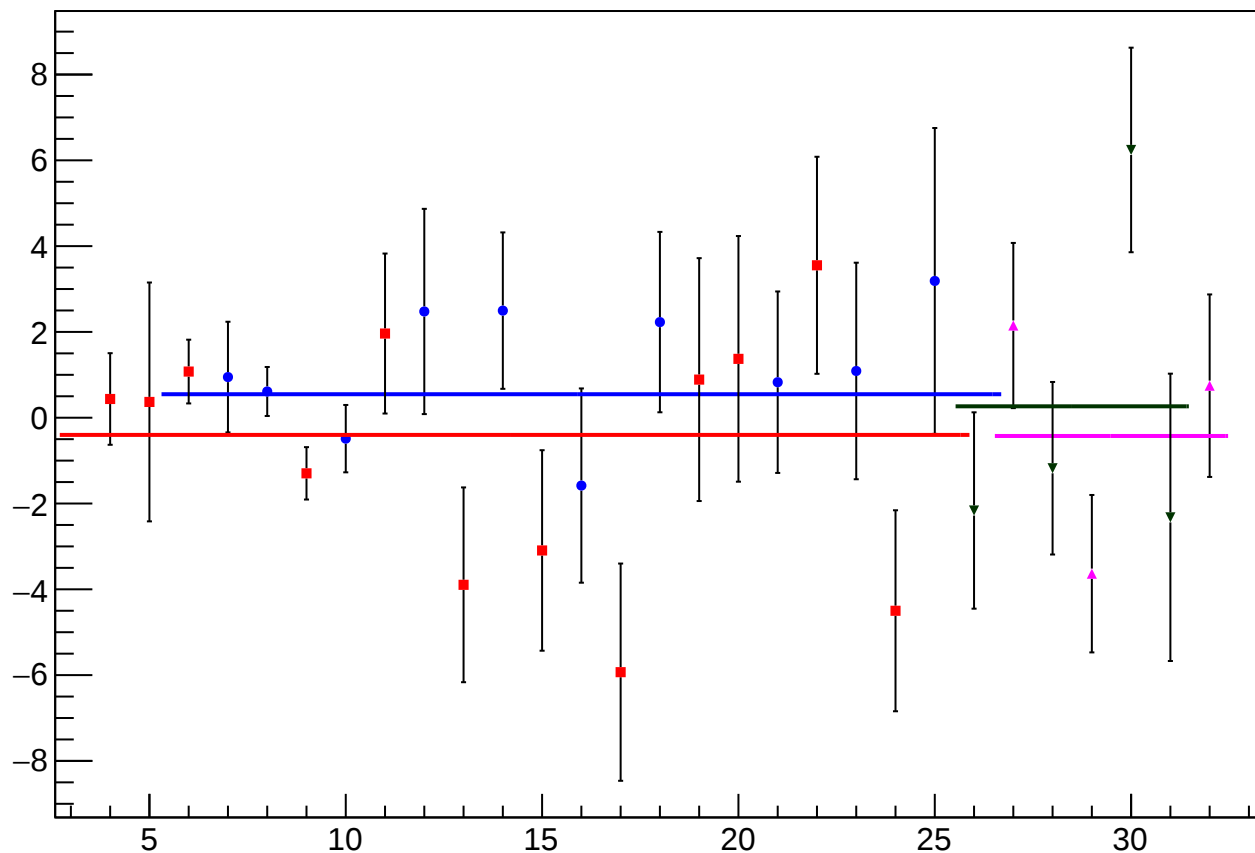
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

Left In: 1765.716+/-0.785 χ^2/NDF :32271.2/2

1786.321+/-0.438 χ^2/NDF : 543251.1/13

1708.934+/-0.410 χ^2/NDF : 405467.0/14

diff_cav4cY_mean vs slug



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

Left Out: 0.266 ± 1.192 χ^2/NDF : 8.5/3

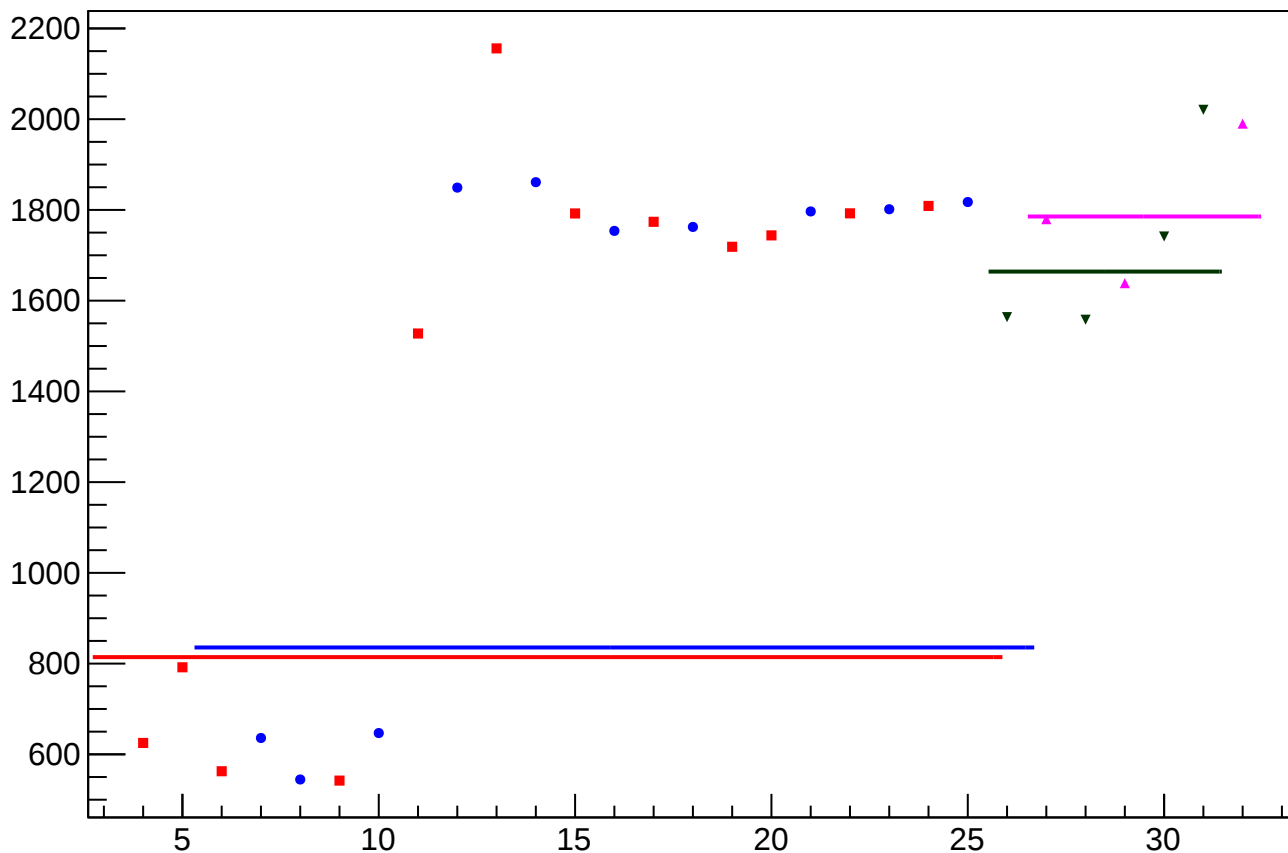
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

Left In: -0.426 ± 1.127 χ^2/NDF : 5.2/2

0.521 ± 0.369 χ^2/NDF : 14.3/13

-0.403 ± 0.361 χ^2/NDF : 28.1/14

diff_cav4cY_rms vs slug



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

Left Out: 1664.077+/-0.843 χ^2/NDF : 34198.4/3

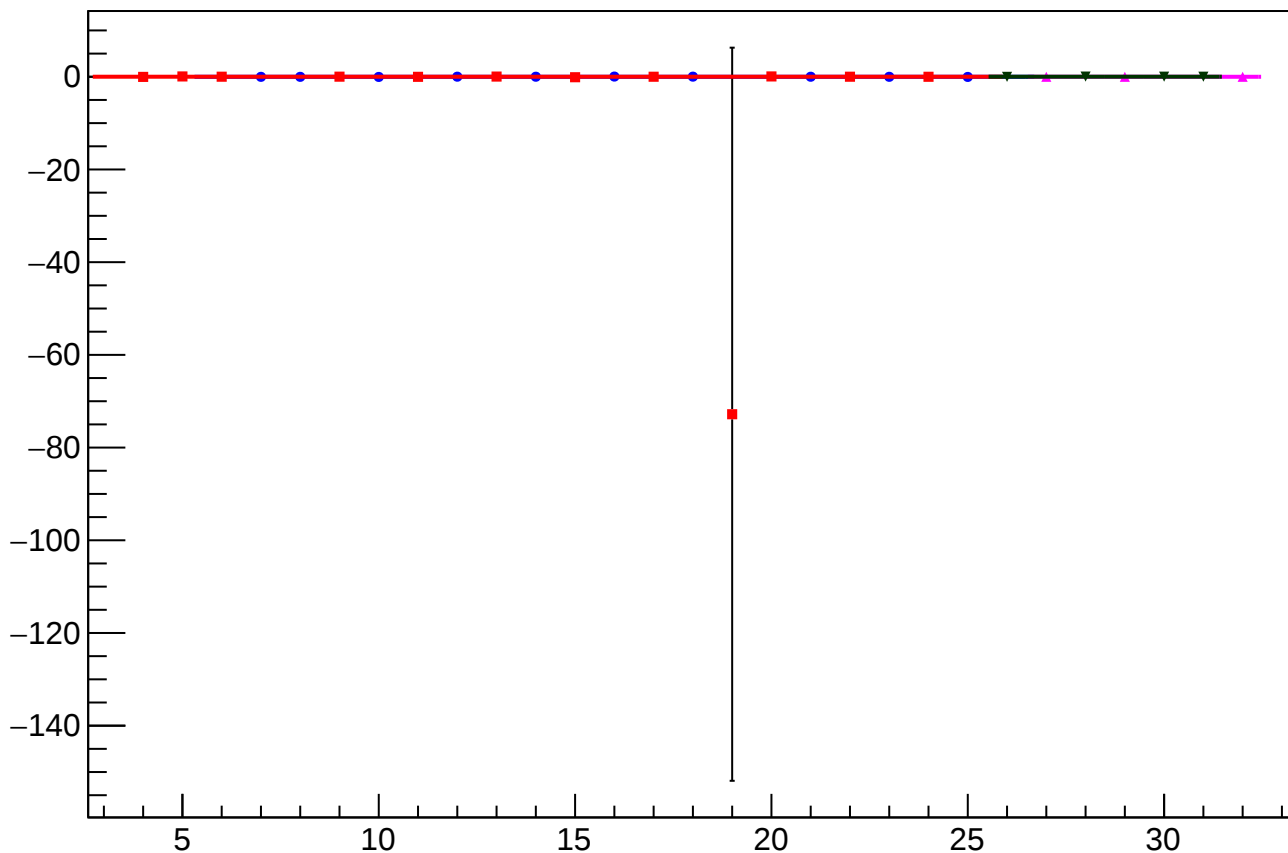
Right Out: 814.291+/-0.269 χ^2/NDF : 3392438.7/11

Left In: 1785.523+/-0.797 χ^2/NDF : 31372.4/2

914.851+/-0.261 χ^2/NDF : 4157004.3/13

913.742+/-0.255 χ^2/NDF : 4757801.5/14

diff_cav4dX_mean vs slug



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

Left Out: 0.018 $\pm$ 0.009 χ^2 /NDF: 3.1/3

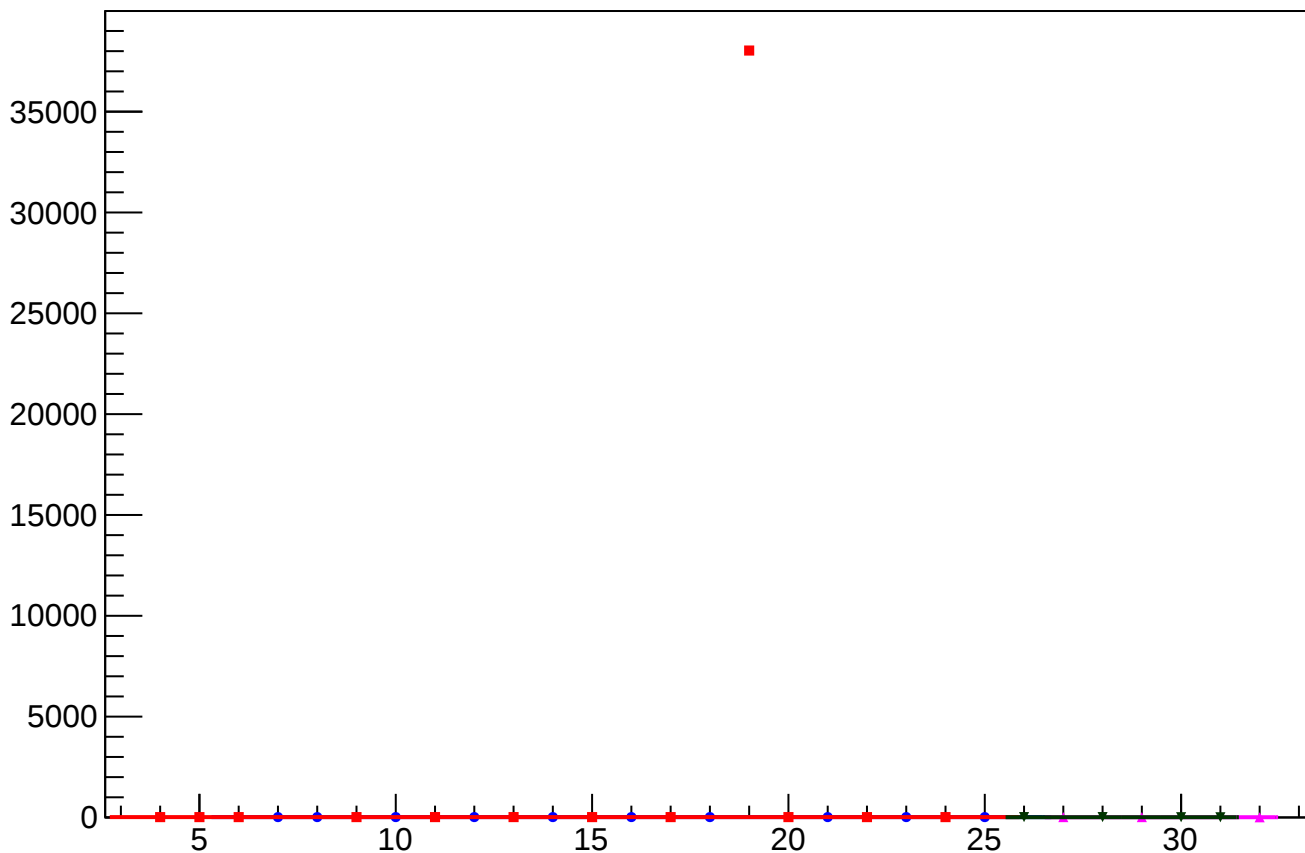
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.001 $\pm$ 0.008 χ^2 /NDF: 0.0/2

0.005 $\pm$ 0.006 χ^2 /NDF: 12.8/13

0.005 $\pm$ 0.005 χ^2 /NDF: 12.7/14

diff_cav4dX_rms vs slug



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

Left Out: 12.091 $\pm$ 0.006 χ^2 /NDF: 353881.8/3

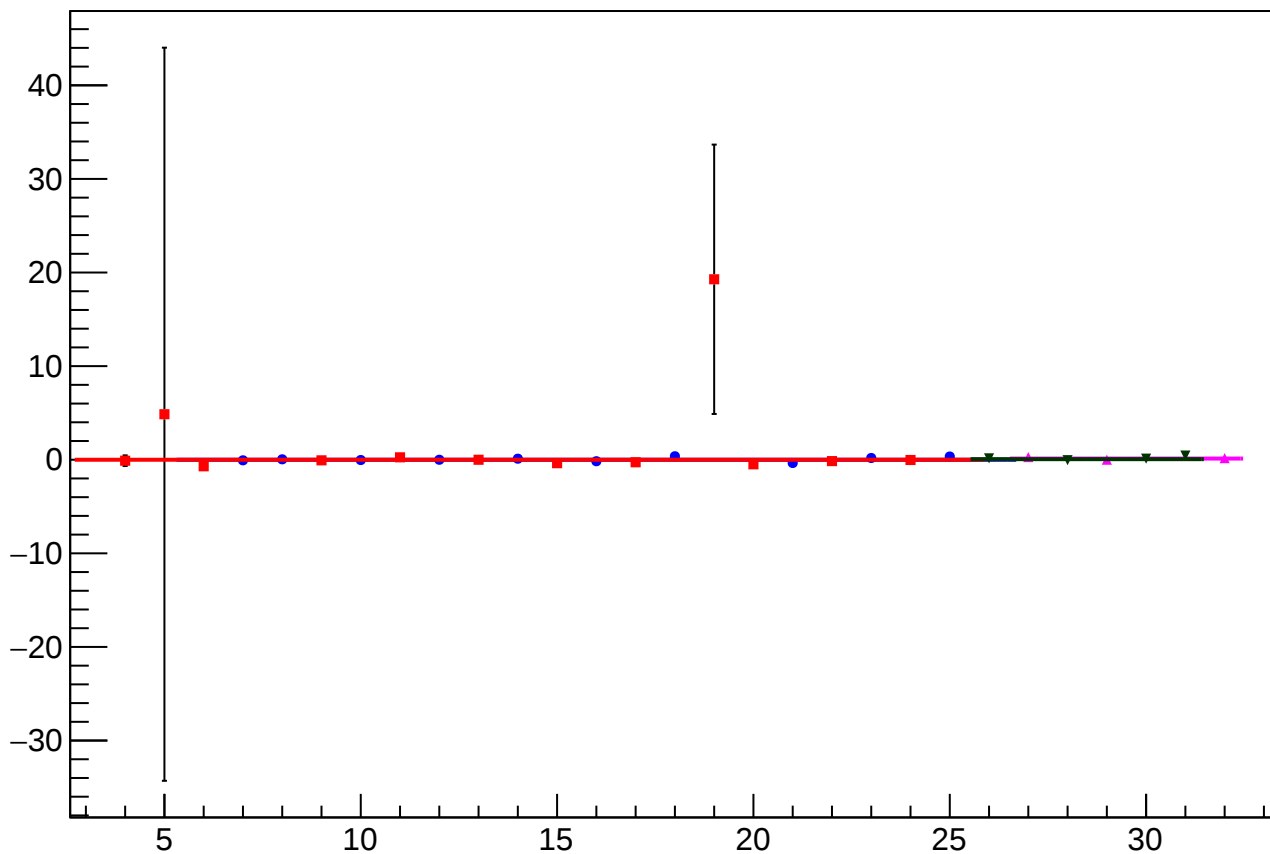
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 11.269 $\pm$ 0.005 χ^2 /NDF: 571019.6/2

15.174 $\pm$ 0.004 χ^2 /NDF: 769728.2/13

14.231 $\pm$ 0.004 χ^2 /NDF: 1695711.3/14

diff_cav4dY_mean vs slug



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

Left Out: 0.061+/-0.081 χ^2/NDF : 2.3/3

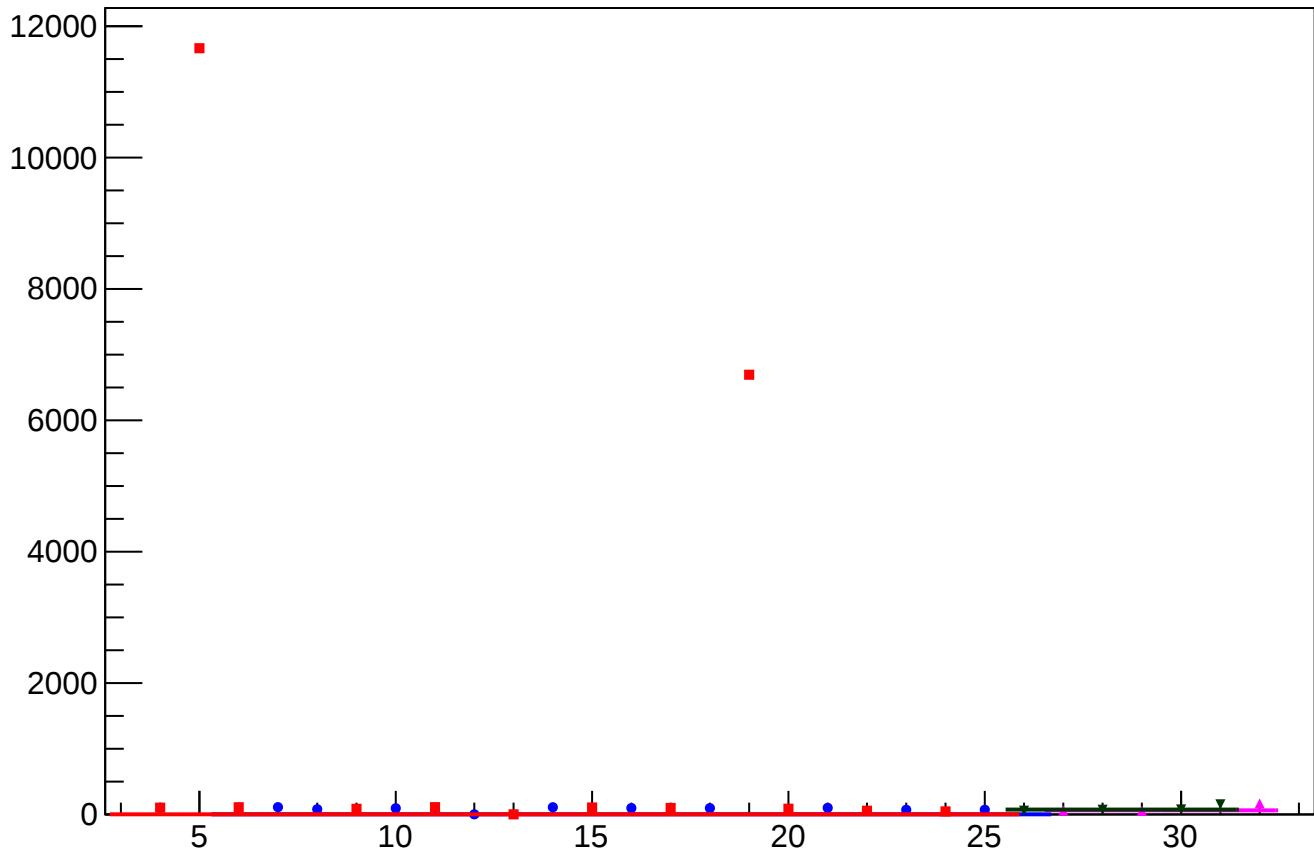
Right Out: -0.003+/-0.003 χ^2/NDF : 12.3/11

Left In: 0.125+/-0.065 χ^2/NDF : 4.3/2

-0.003+/-0.003 χ^2/NDF : 18.0/13

-0.002+/-0.003 χ^2/NDF : 20.4/14

diff_cav4dY_rms vs slug



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

Left Out: 74.223+/-0.057 χ^2/NDF :117311.9/3

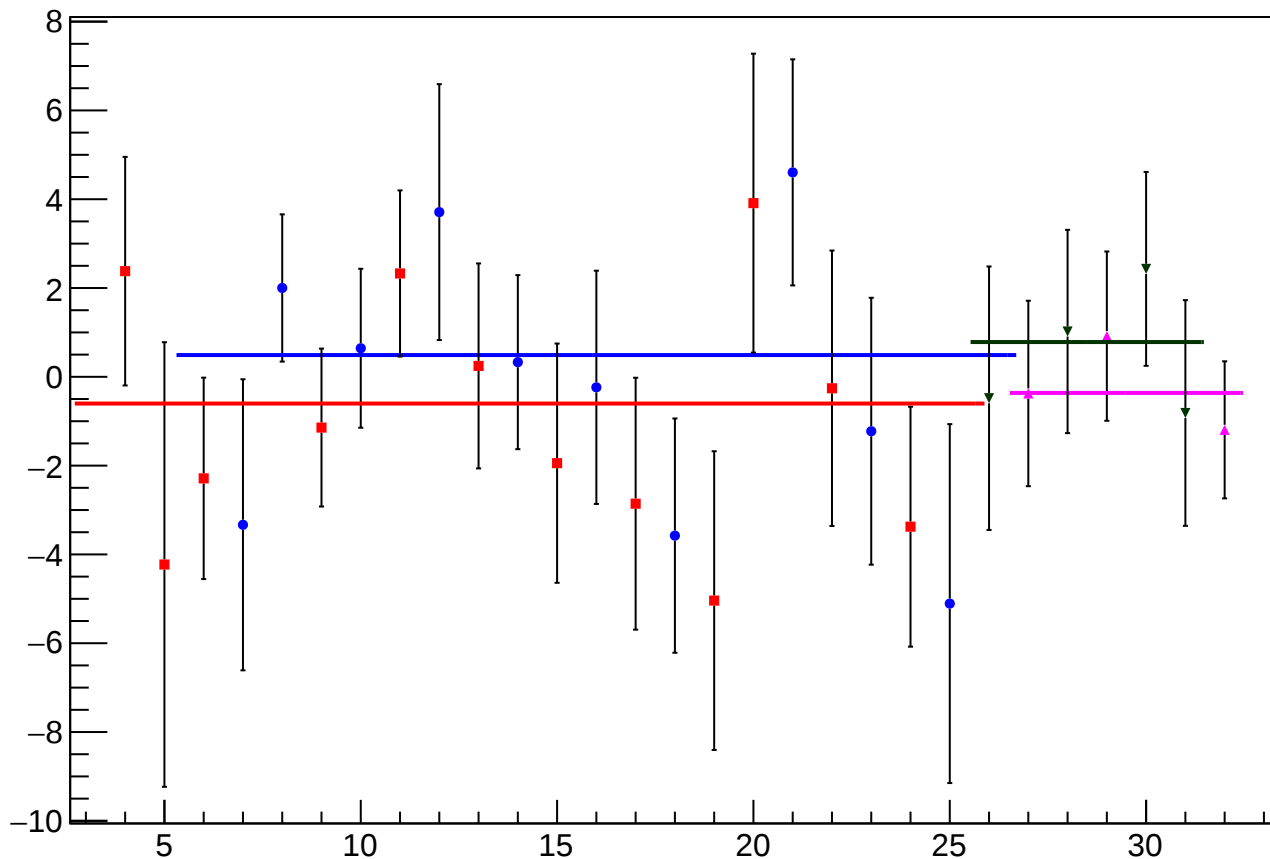
2.238+/-0.002 χ^2/NDF : 7533358.6/13

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

2.186+/-0.002 χ^2/NDF : 6254547.5/14

Left In: 62.414+/-0.046 χ^2/NDF :309966.5/2

diff_bpm4aX_mean vs slug



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

Left Out: 0.783 ± 1.223 χ^2/NDF : 1.2/3

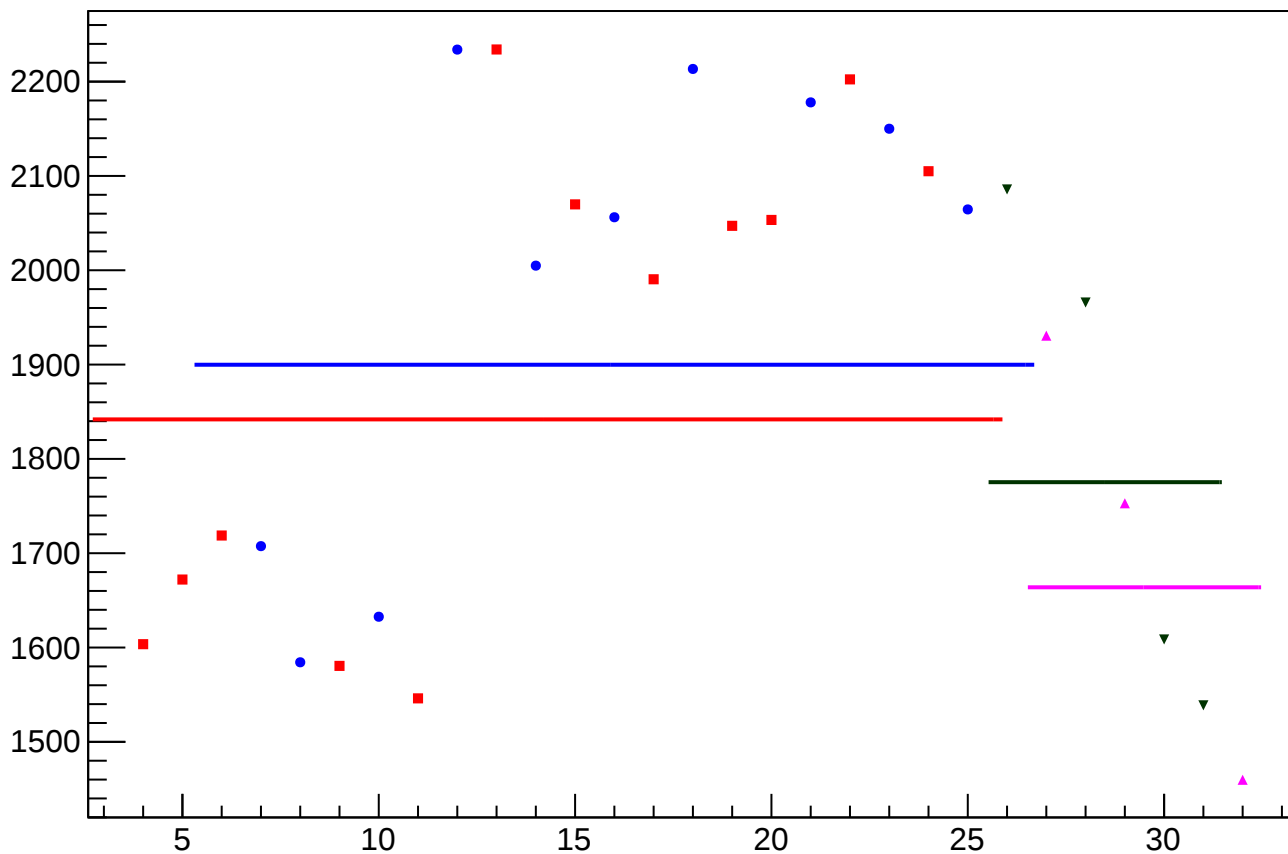
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

Left In: -0.363 ± 1.040 χ^2/NDF : 0.7/2

0.571 ± 0.641 χ^2/NDF : 12.0/13

-0.522 ± 0.600 χ^2/NDF : 11.4/14

diff_bpm4aX_rms vs slug



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

Left Out: 1775.321+/-0.865 χ^2/NDF : 64726.7/3

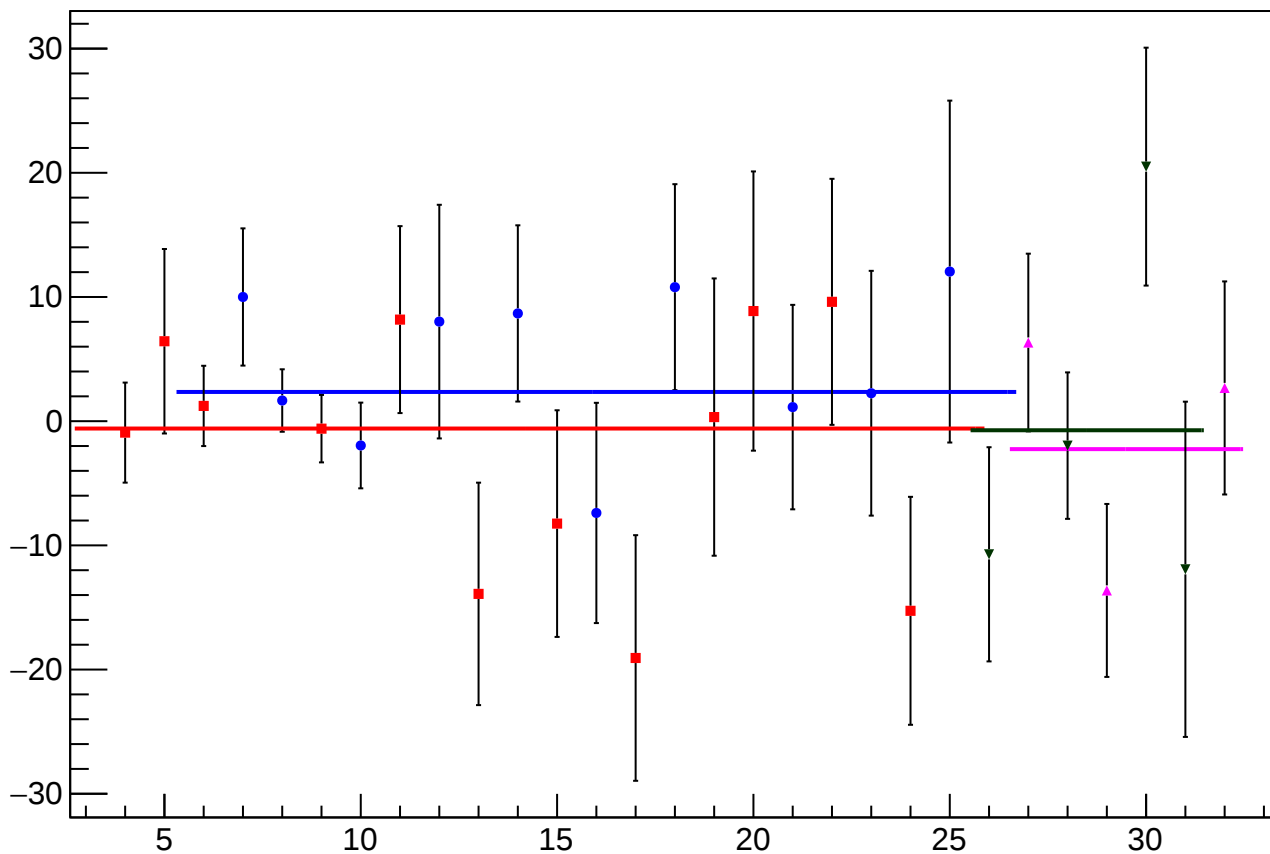
Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

Left In: 1663.860+/-0.736 χ^2/NDF : 71965.8/2

1865.599+/-0.453 χ^2/NDF : 312633.3/13

1782.659+/-0.424 χ^2/NDF : 368415.3/14

diff_bpm4aY_mean vs slug



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

Left Out: -0.731 ± 4.131 $\chi^2/\text{NDF}: 7.0/3$

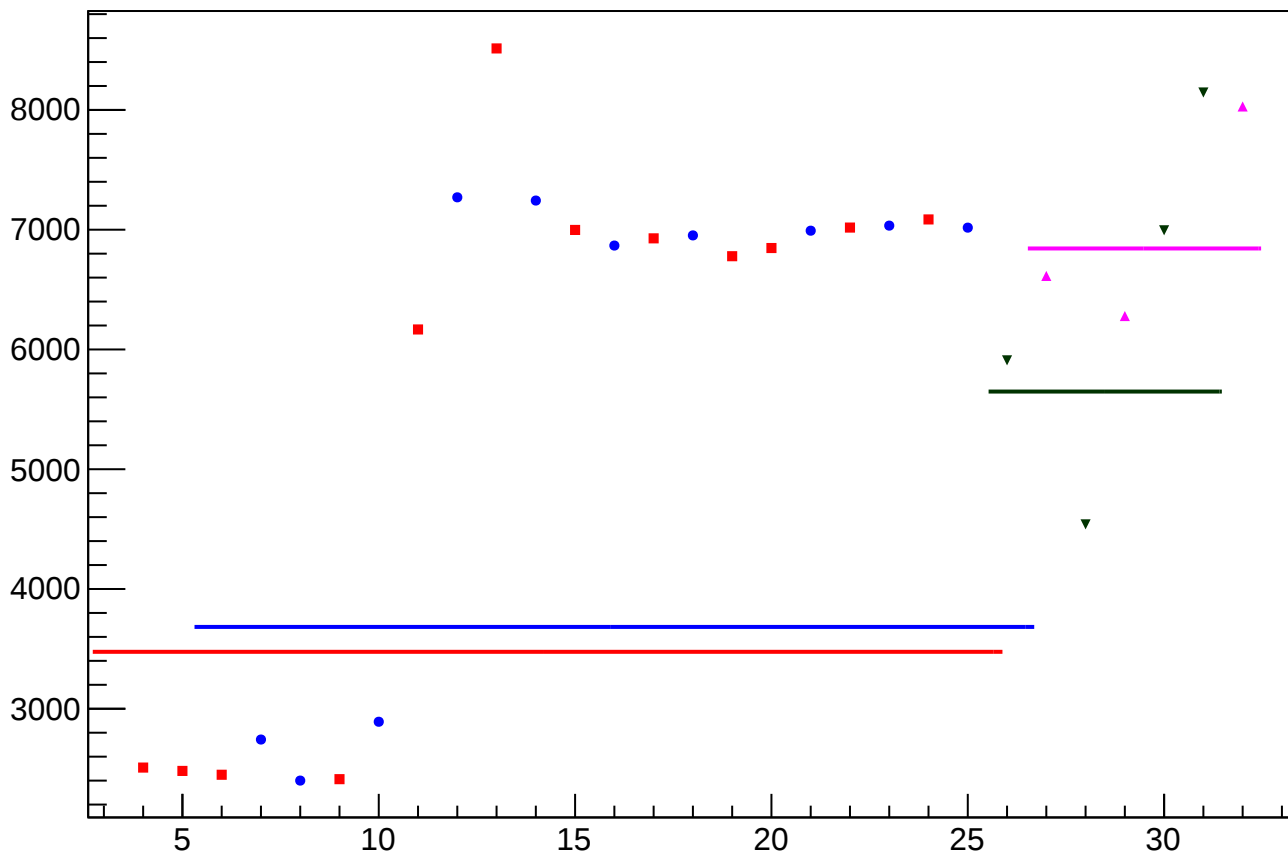
Right Out: -0.592 ± 1.578 $\chi^2/\text{NDF}: 13.3/11$

Left In: -2.251 ± 4.314 $\chi^2/\text{NDF}: 4.4/2$

1.926 ± 1.539 $\chi^2/\text{NDF}: 14.9/13$

-0.788 ± 1.482 $\chi^2/\text{NDF}: 17.9/14$

diff_bpm4aY_rms vs slug



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

Left Out: 5648.541+/-2.921 χ^2/NDF : 180521.8/3

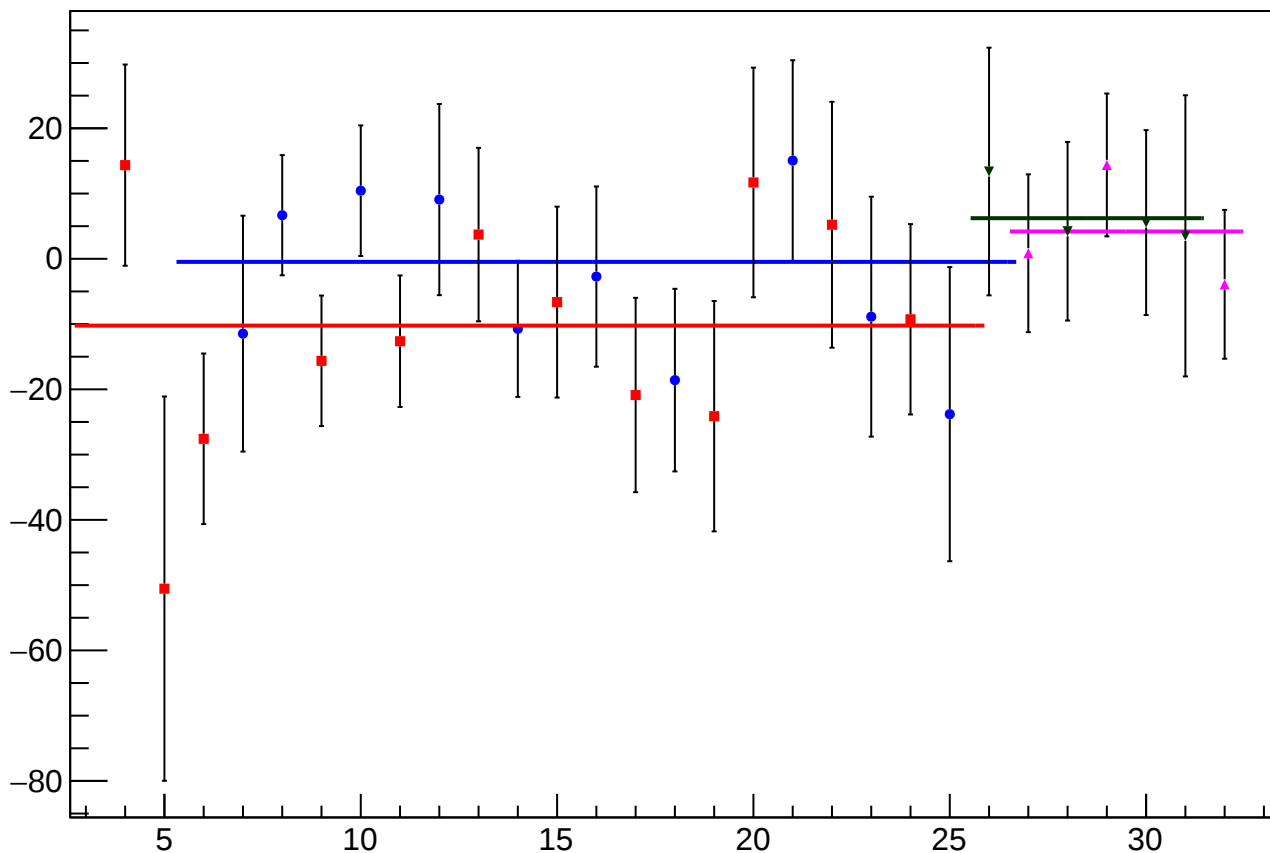
Right Out: 3475.466+/-1.116 χ^2/NDF : 3010113.2/11

Left In: 6843.256+/-3.050 χ^2/NDF : 53384.0/2

3956.030+/-1.088 χ^2/NDF : 3288854.4/13

3873.089+/-1.048 χ^2/NDF : 4138644.1/14

diff_bpm4eX_mean vs slug



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

Left Out: 6.223 ± 8.096 χ^2/NDF : 0.2/3

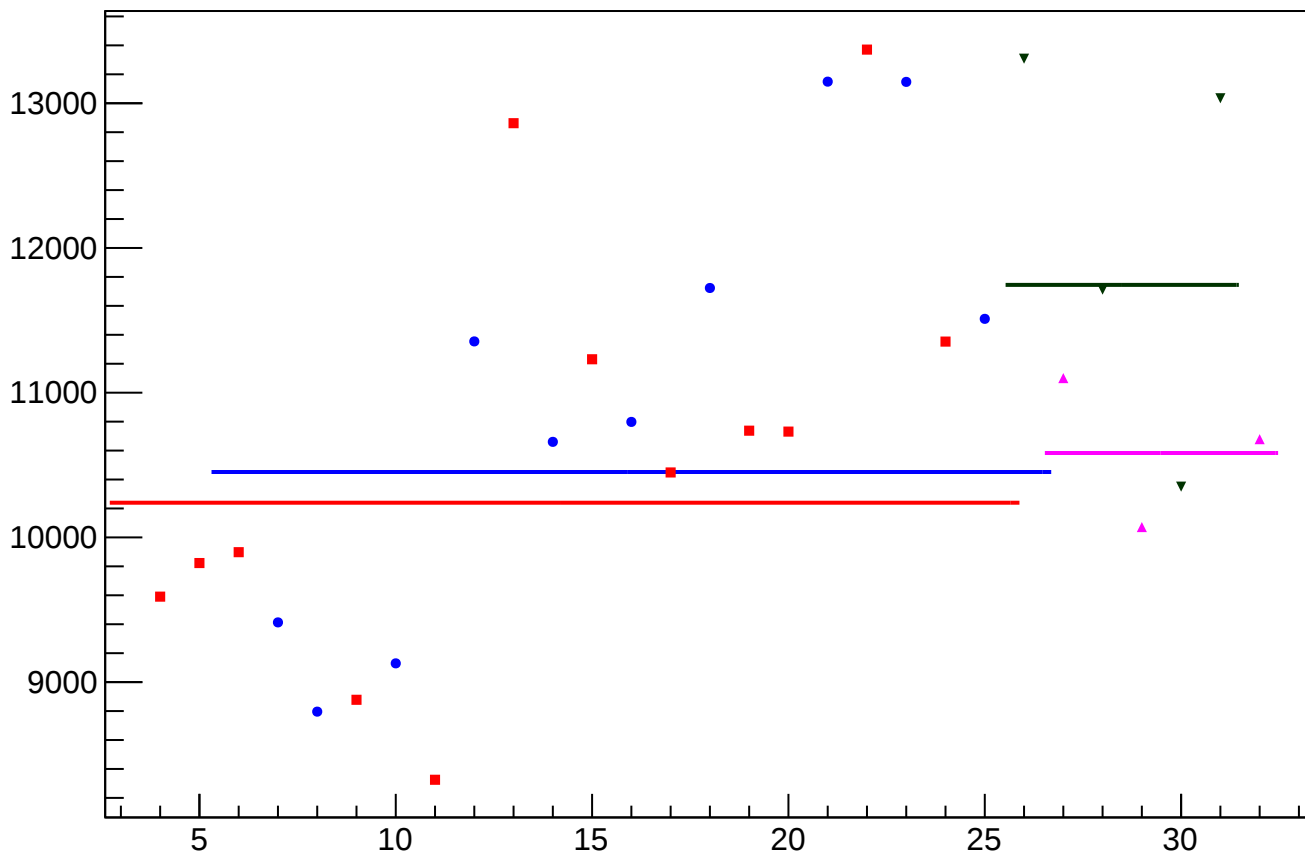
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

Left In: 4.187 ± 6.610 χ^2/NDF : 1.4/2

0.920 ± 3.689 χ^2/NDF : 8.3/13

-6.246 ± 3.476 χ^2/NDF : 15.9/14

diff_bpm4eX_rms vs slug



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

Left Out: 11744.901 ± 5.725 χ^2/NDF : 40121.3/3

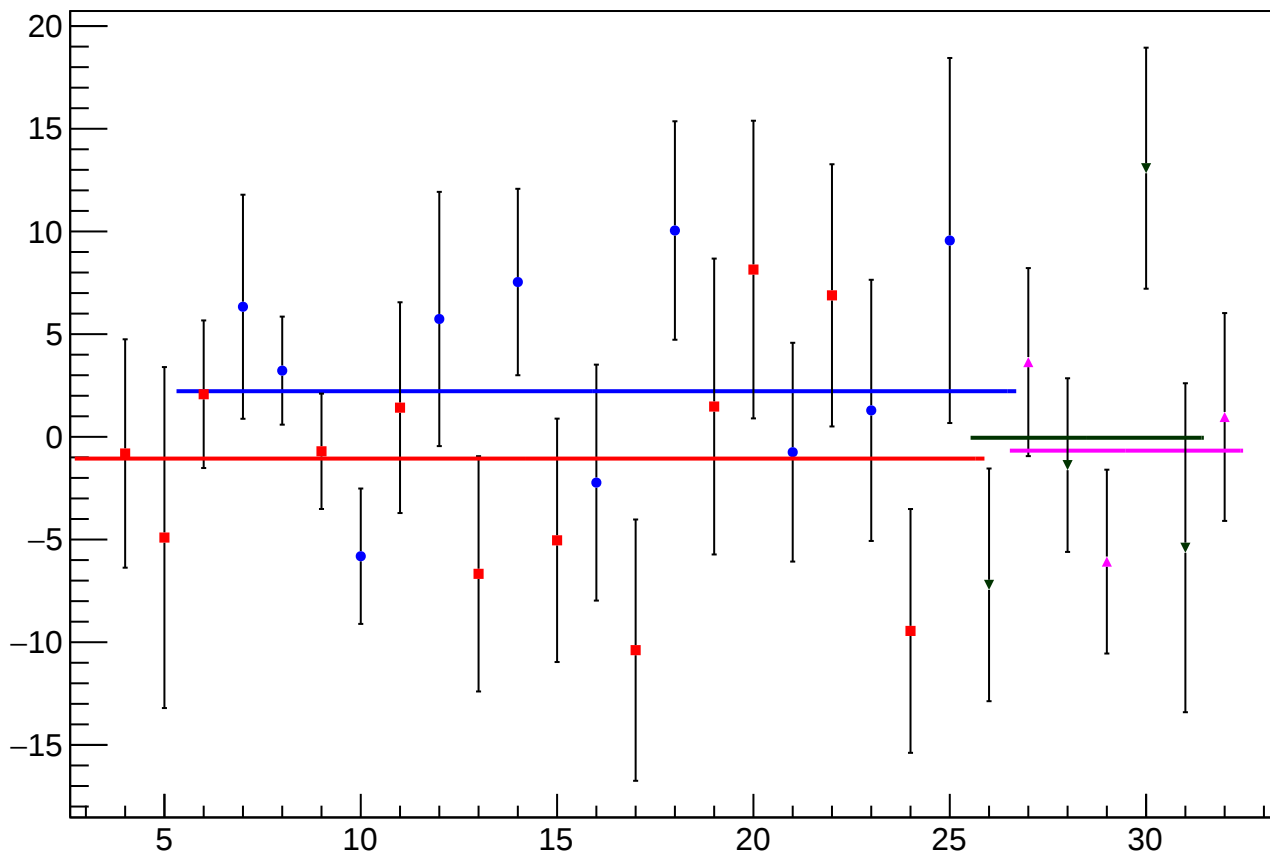
Right Out: 10239.715 ± 2.890 χ^2/NDF : 272072.6/11

Left In: 10583.268 ± 4.674 χ^2/NDF : 8179.2/2

10720.444 ± 2.609 χ^2/NDF : 321902.3/13

10334.721 ± 2.458 χ^2/NDF : 284160.1/14

diff_bpm4eY_mean vs slug



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

Left Out: -0.045 ± 2.755 χ^2/NDF : 7.1/3

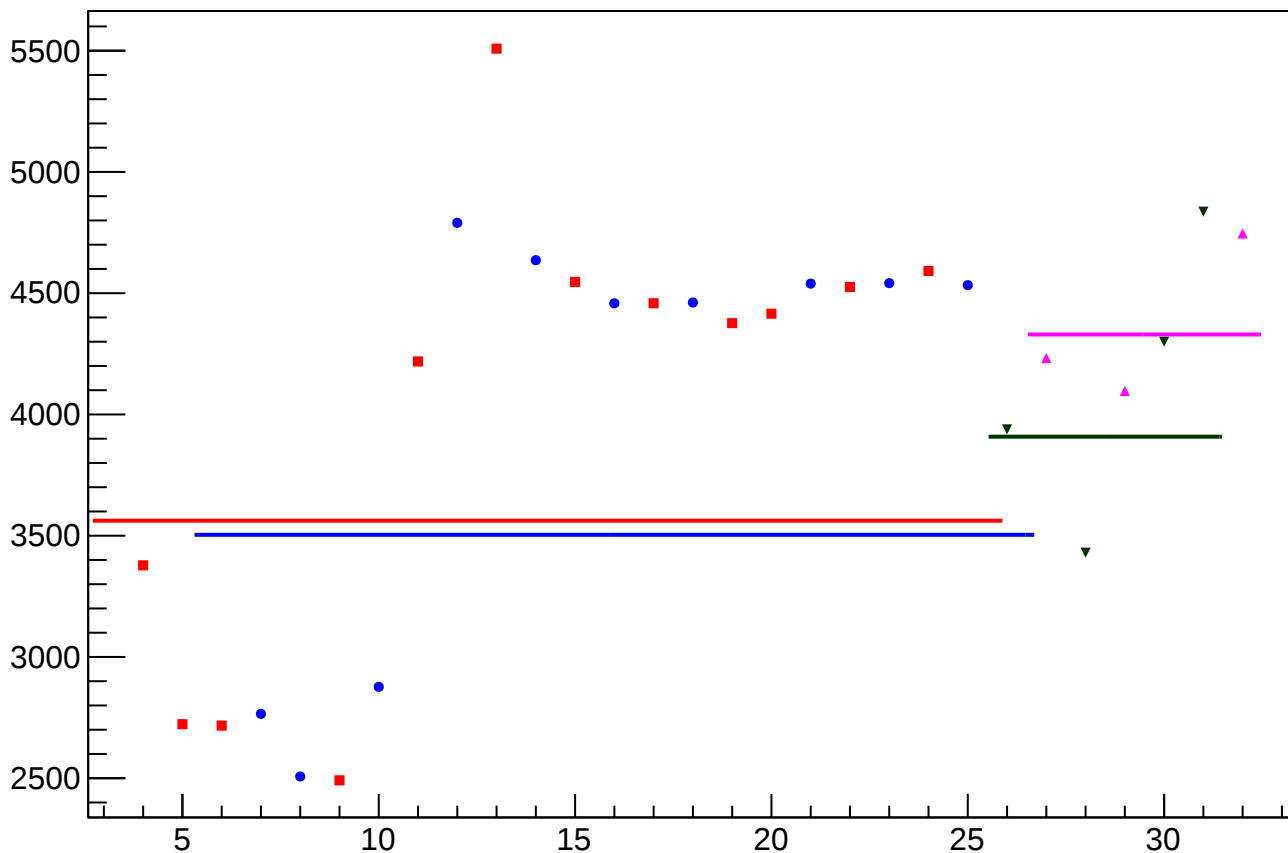
Right Out: -1.058 ± 1.468 χ^2/NDF : 10.1/11

Left In: -0.672 ± 2.705 χ^2/NDF : 2.4/2

1.736 ± 1.275 χ^2/NDF : 19.8/13

-0.970 ± 1.290 χ^2/NDF : 12.5/14

diff_bpm4eY_rms vs slug



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

Left Out: 3908.406+/-1.948 χ^2/NDF : 61375.6/3

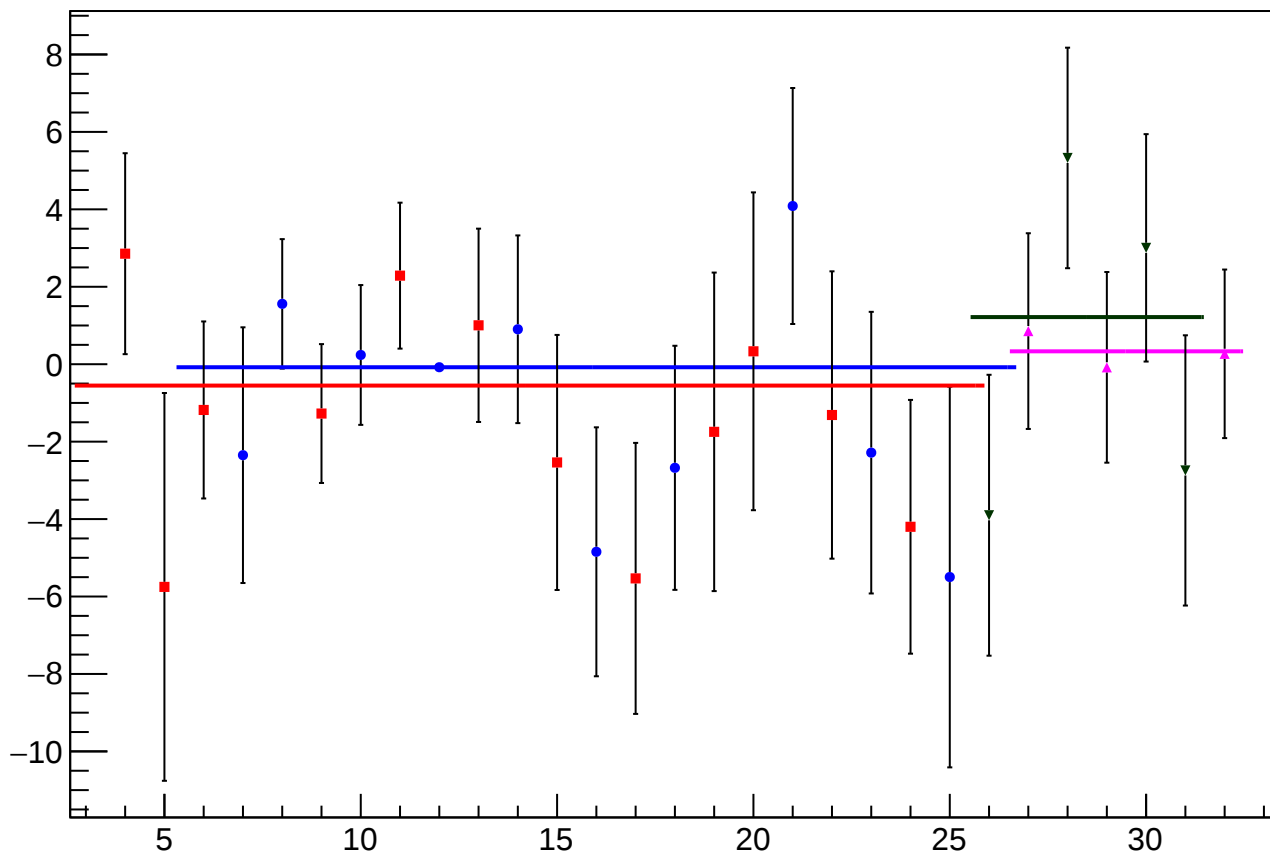
3590.451+/-0.902 χ^2/NDF : 978122.9/13

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

3736.710+/-0.912 χ^2/NDF : 1086012.1/14

Left In: 4329.869+/-1.912 χ^2/NDF : 19869.4/2

diff_bpm4acX_mean vs slug



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

Left Out: 1.217+/-1.586 χ^2/NDF : 5.7/3

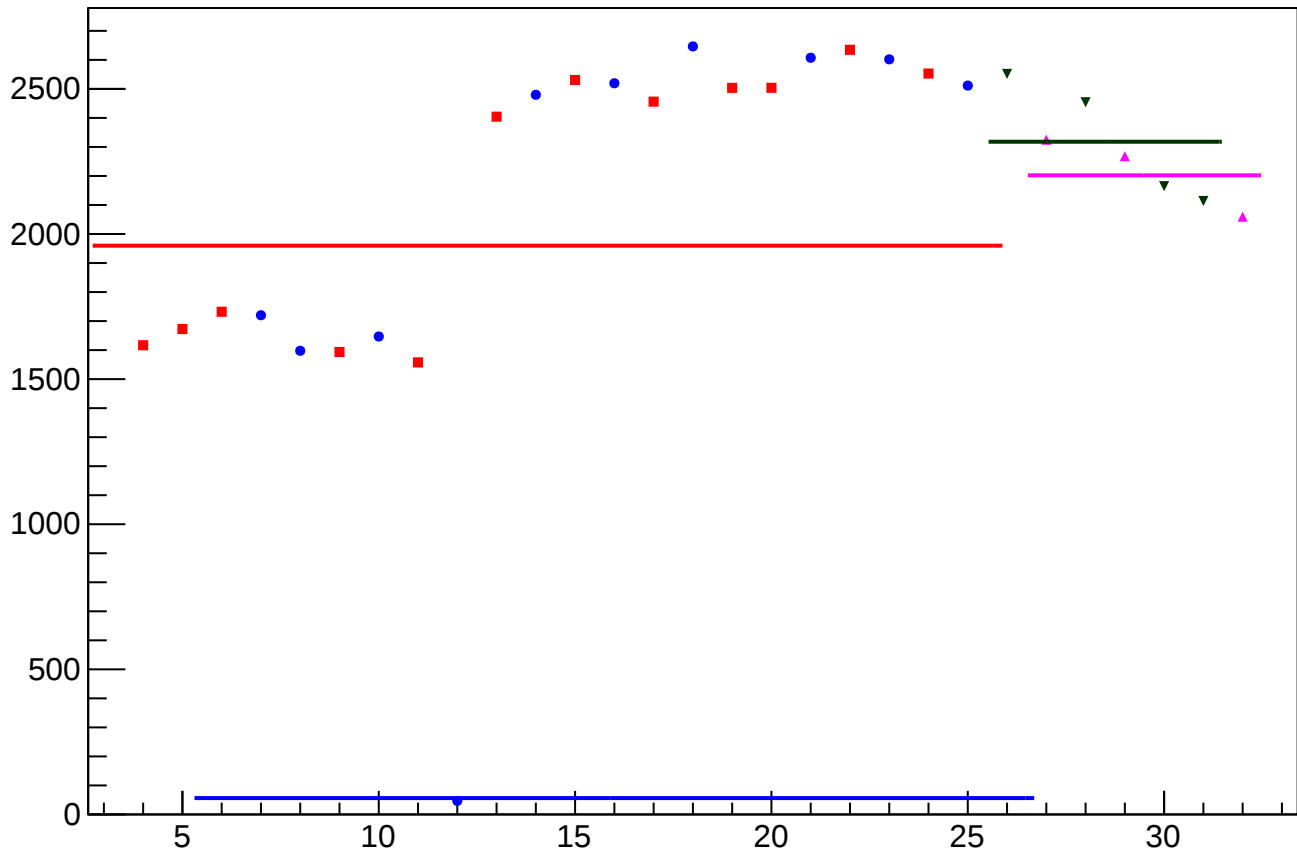
Right Out: -0.552+/-0.793 χ^2/NDF : 9.5/11

Left In: 0.333+/-1.370 χ^2/NDF : 0.1/2

-0.076+/-0.060 χ^2/NDF : 14.4/13

-0.330+/-0.686 χ^2/NDF : 9.9/14

diff_bpm4acX_rms vs slug



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

Left Out: 2318.012+/-1.122 χ^2/NDF : 25146.6/3

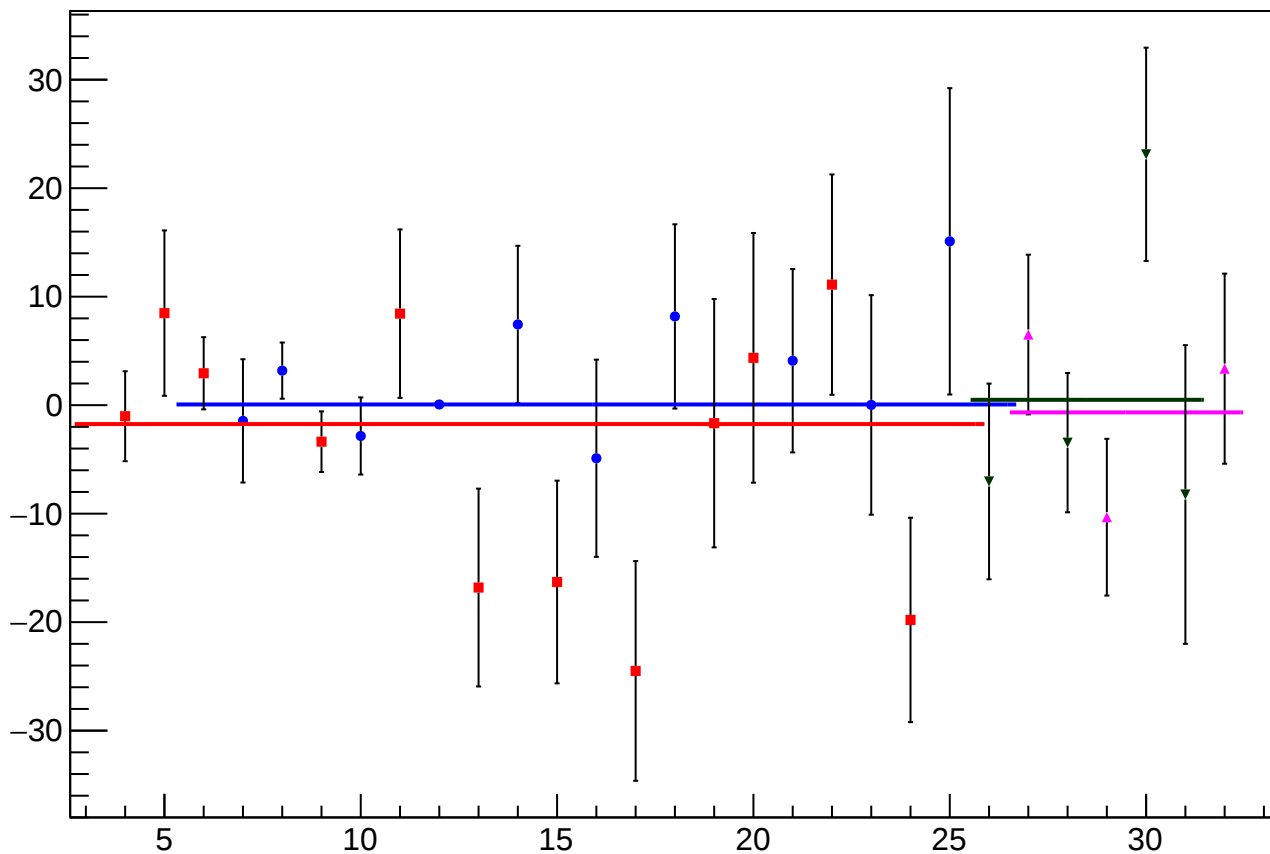
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

Left In: 2202.281+/-0.969 χ^2/NDF : 14704.0/2

59.676+/-0.043 χ^2/NDF : 15297025.1/13

2020.663+/-0.485 χ^2/NDF : 662988.5/14

diff_bpm4acY_mean vs slug



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

Left Out: 0.492 ± 4.378 χ^2/NDF : 6.8/3

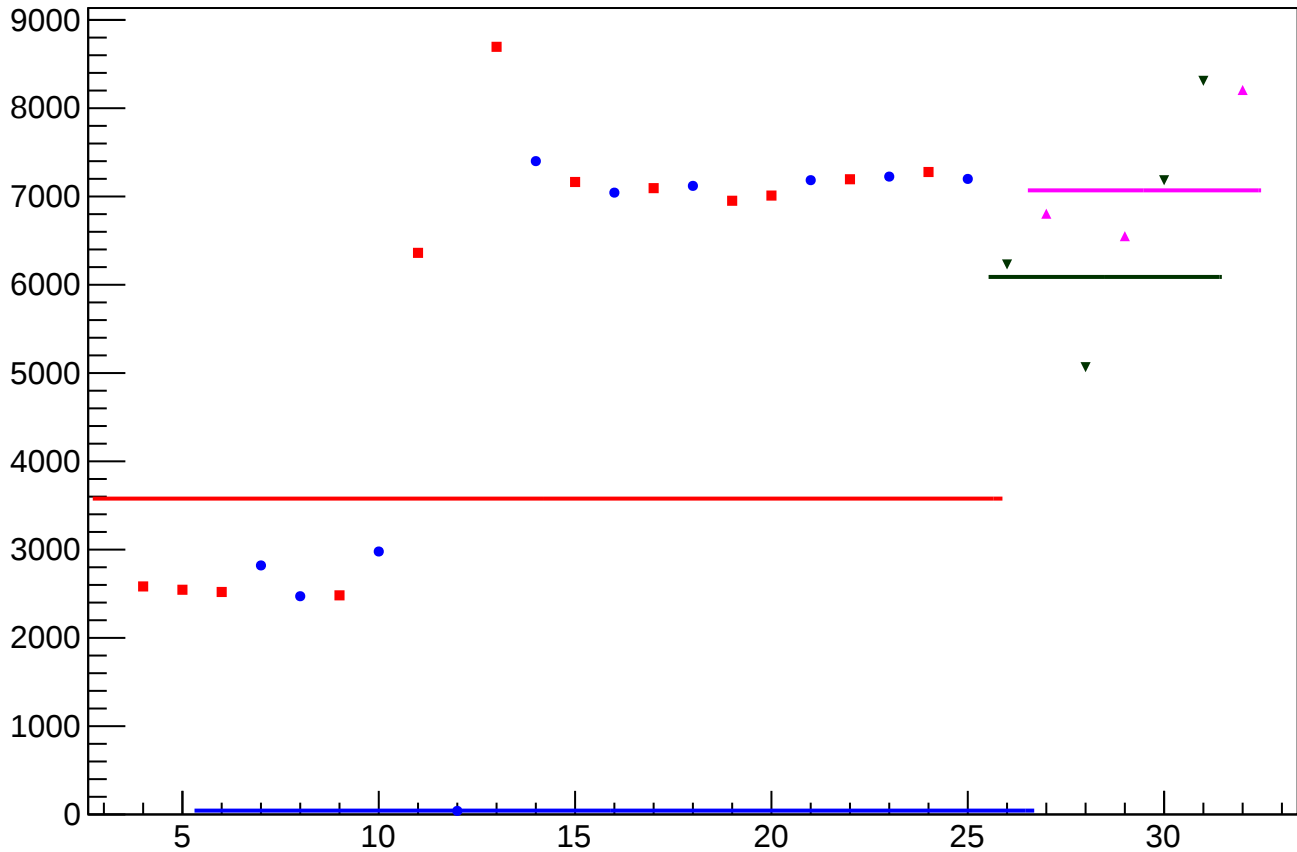
Right Out: -1.741 ± 1.623 χ^2/NDF : 21.6/11

Left In: -0.667 ± 4.444 χ^2/NDF : 2.9/2

0.065 ± 0.052 χ^2/NDF : 12.6/13

-1.615 ± 1.524 χ^2/NDF : 24.6/14

diff_bpm4acY_rms vs slug



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

Left Out: 6088.762+/-3.095 χ^2 /NDF:128096.6/3

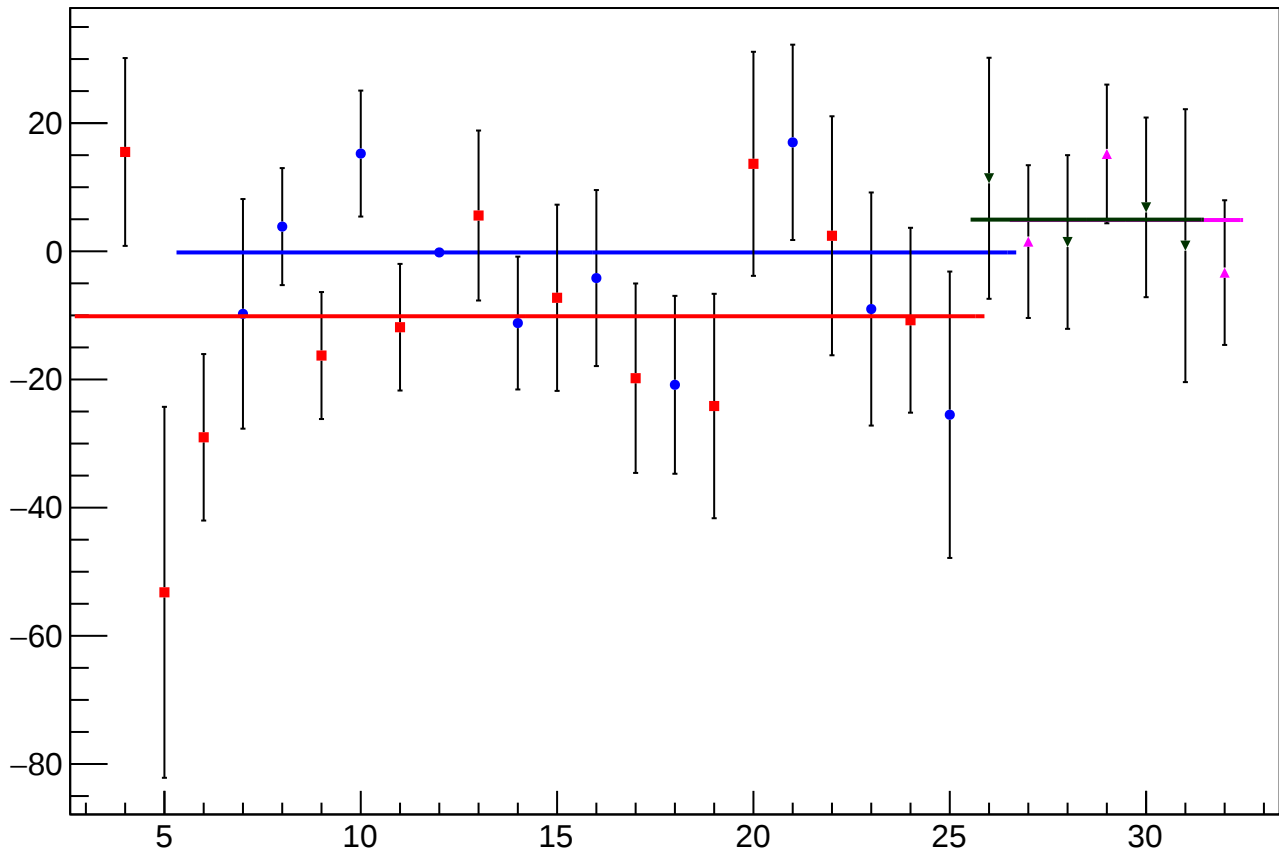
44.488+/-0.037 χ^2 /NDF: 15131735.9/13

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

3988.689+/-1.078 χ^2 /NDF: 4134914.0/14

Left In: 7069.399+/-3.142 χ^2 /NDF:46582.3/2

diff_bpm4ecX_mean vs slug



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

Left Out: 4.944 ± 8.014 χ^2/NDF : 0.2/3

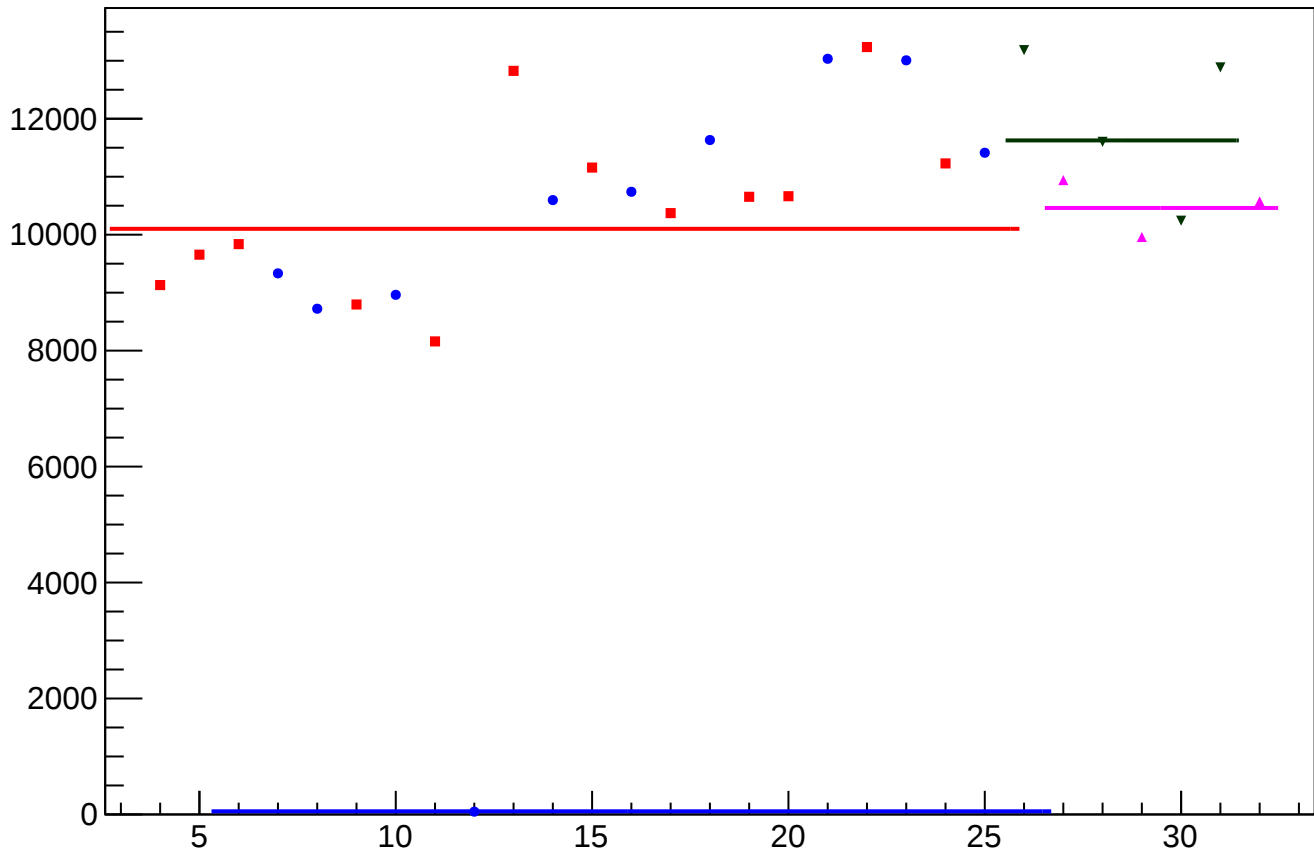
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

Left In: 4.880 ± 6.534 χ^2/NDF : 1.5/2

-0.177 ± 0.107 χ^2/NDF : 9.8/13

-5.989 ± 3.433 χ^2/NDF : 18.0/14

diff_bpm4ecX_rms vs slug



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

Left Out: 11625.979+/-5.667 χ^2/NDF : 40233.8/3

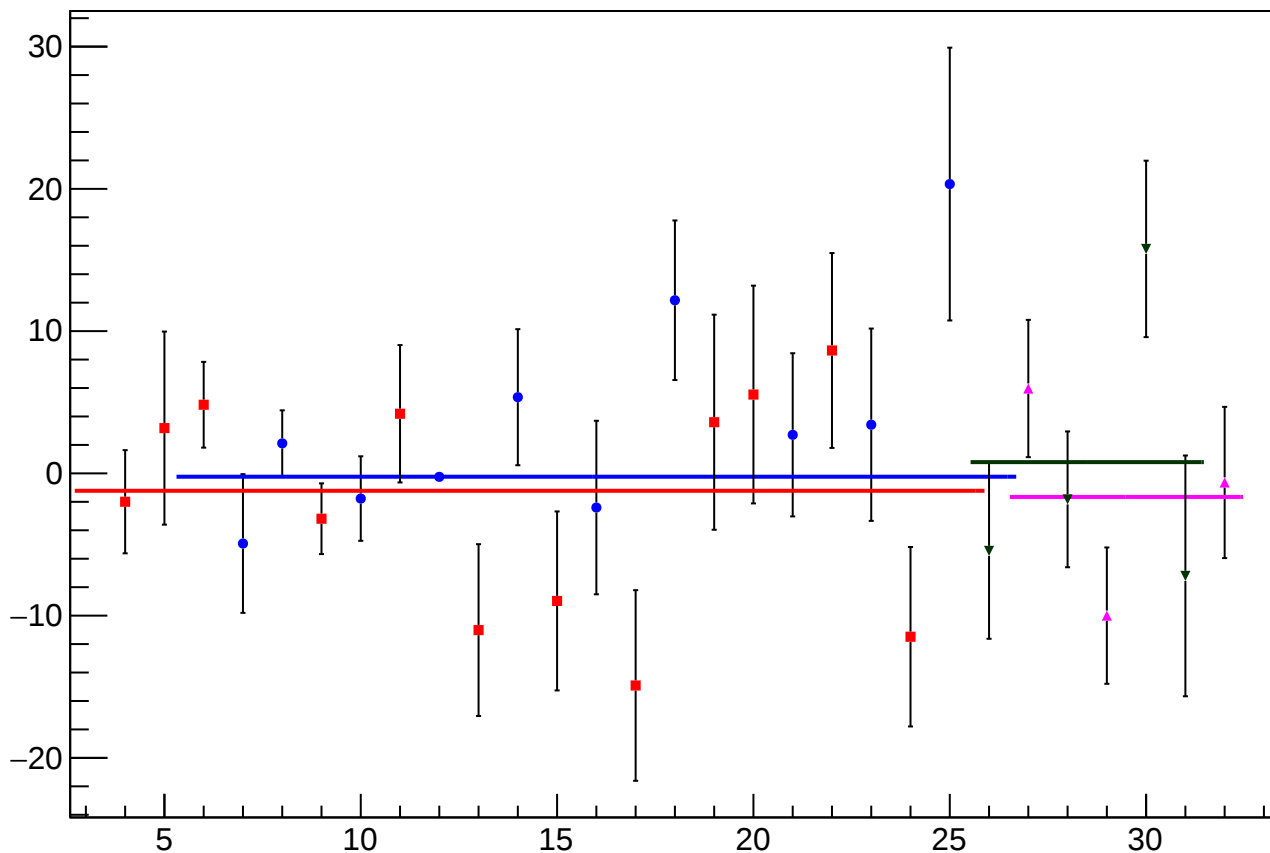
56.401+/-0.075 χ^2/NDF : 15852880.3/13

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

10200.530+/-2.427 χ^2/NDF : 302676.6/14

Left In: 10460.841+/-4.620 χ^2/NDF : 7736.5/2

diff_bpm4ecY_mean vs slug



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

Left Out: 0.791 ± 3.015 χ^2/NDF : 8.1/3

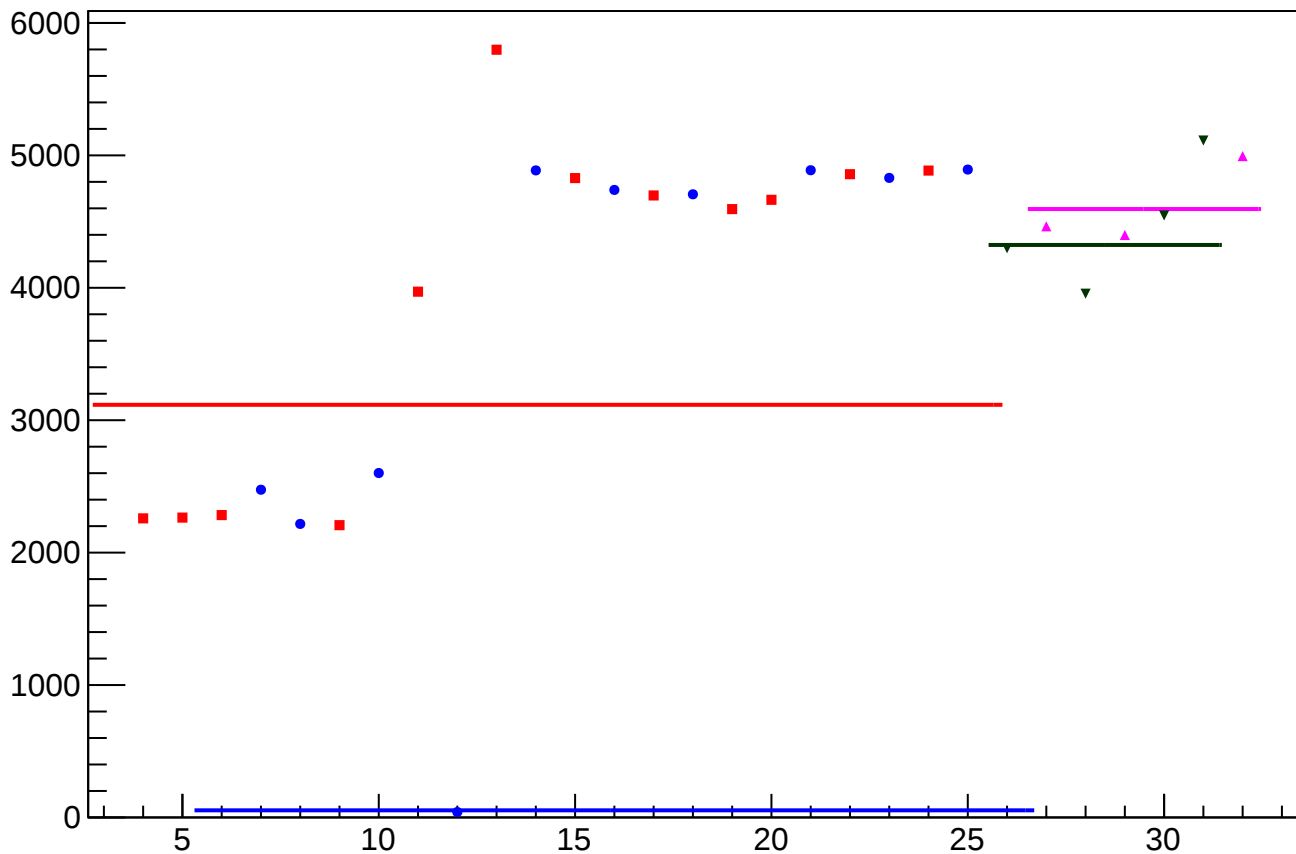
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: -1.656 ± 2.865 χ^2/NDF : 5.6/2

-0.233 ± 0.090 χ^2/NDF : 21.9/13

-1.300 ± 1.203 χ^2/NDF : 26.2/14

diff_bpm4ecY_rms vs slug



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

Left Out: 4323.526+/-2.132 χ^2/NDF : 31876.5/3

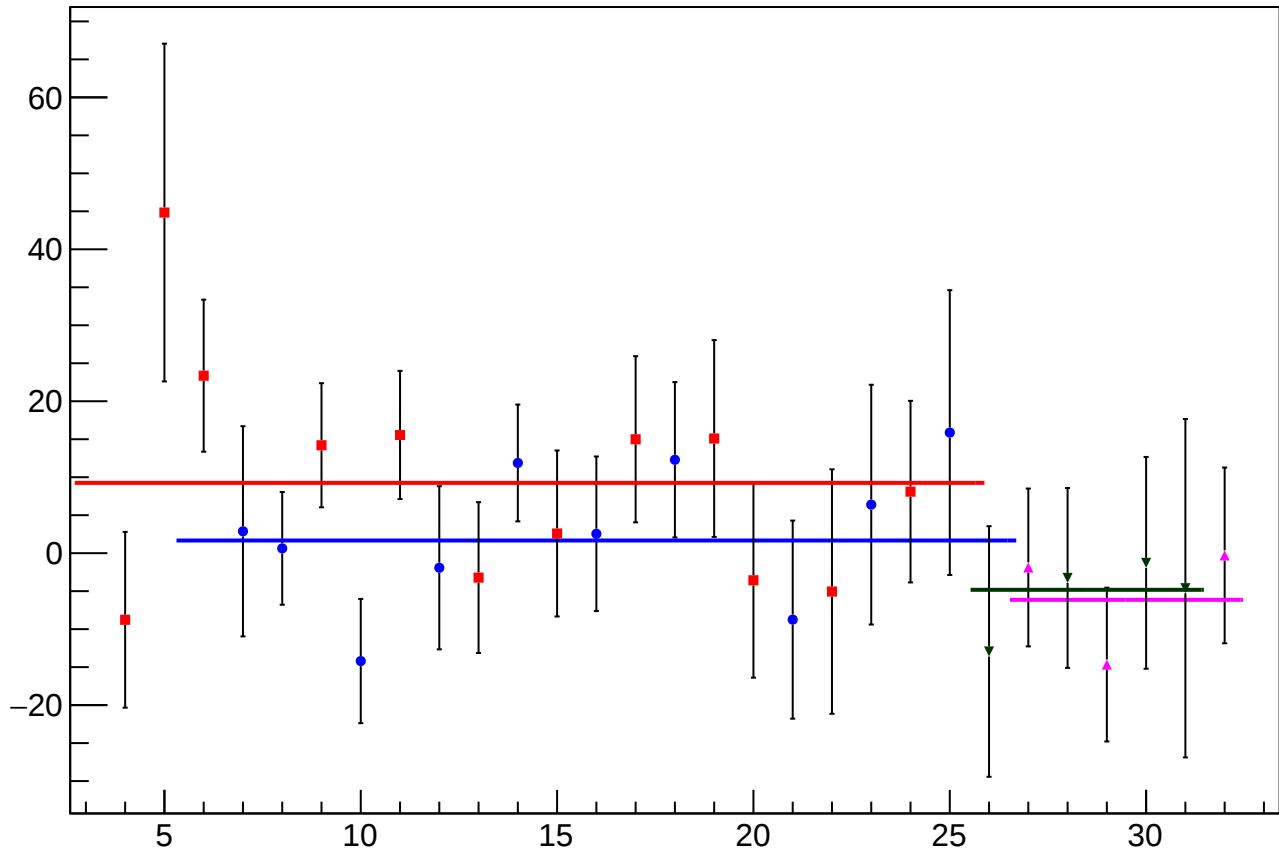
57.606+/-0.064 χ^2/NDF : 15309344.3/13

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

3377.317+/-0.851 χ^2/NDF : 2179738.4/14

Left In: 4594.893+/-2.026 χ^2/NDF : 16117.1/2

diff_bpm1X_mean vs slug



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

Left Out: -4.822 ± 7.460 χ^2/NDF : 0.3/3

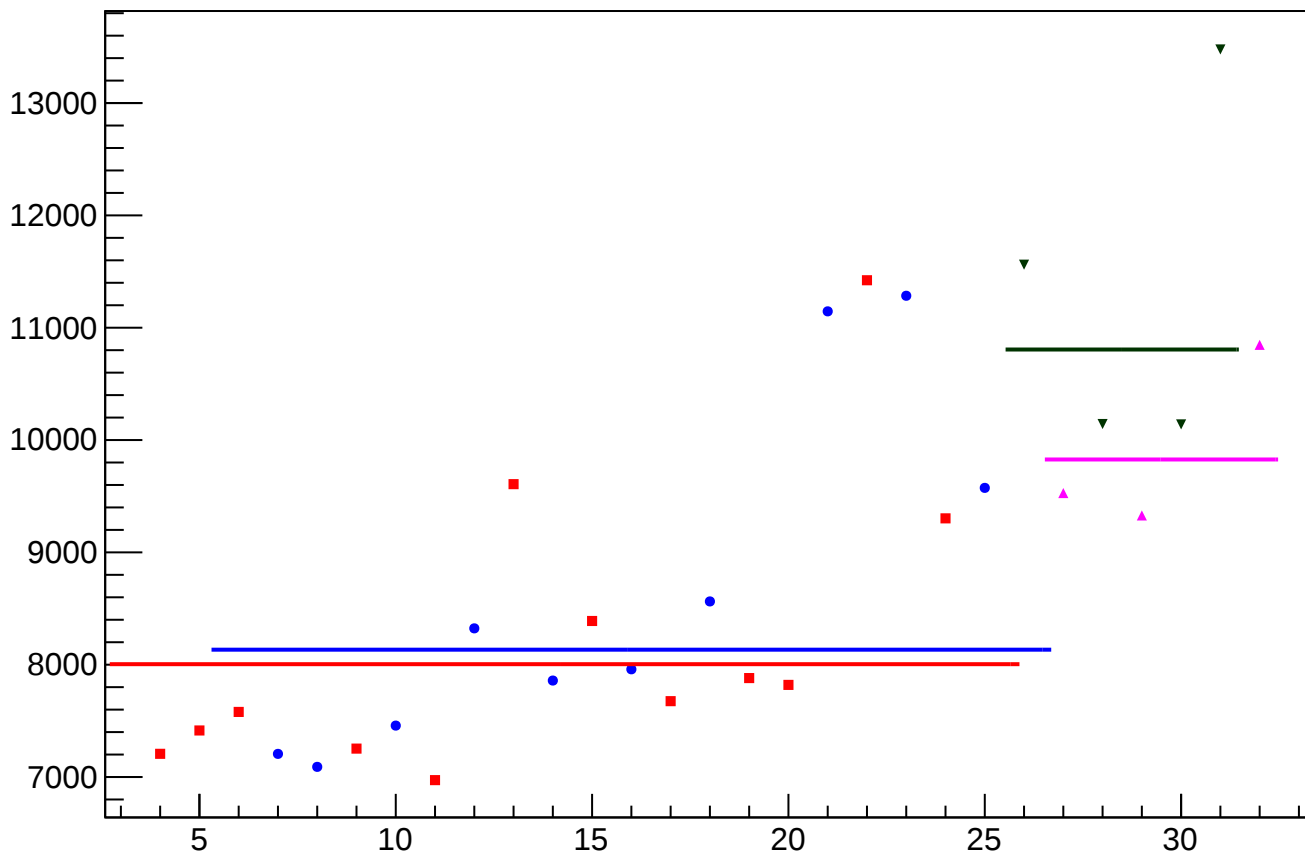
Right Out: 9.254 ± 3.190 χ^2/NDF : 12.1/11

Left In: -6.141 ± 6.143 χ^2/NDF : 1.1/2

0.645 ± 2.963 χ^2/NDF : 9.0/13

5.985 ± 2.831 χ^2/NDF : 18.2/14

diff_bpm1X_rms vs slug



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

Left Out: 10805.911+/-5.275 χ^2/NDF : 43809.0/3

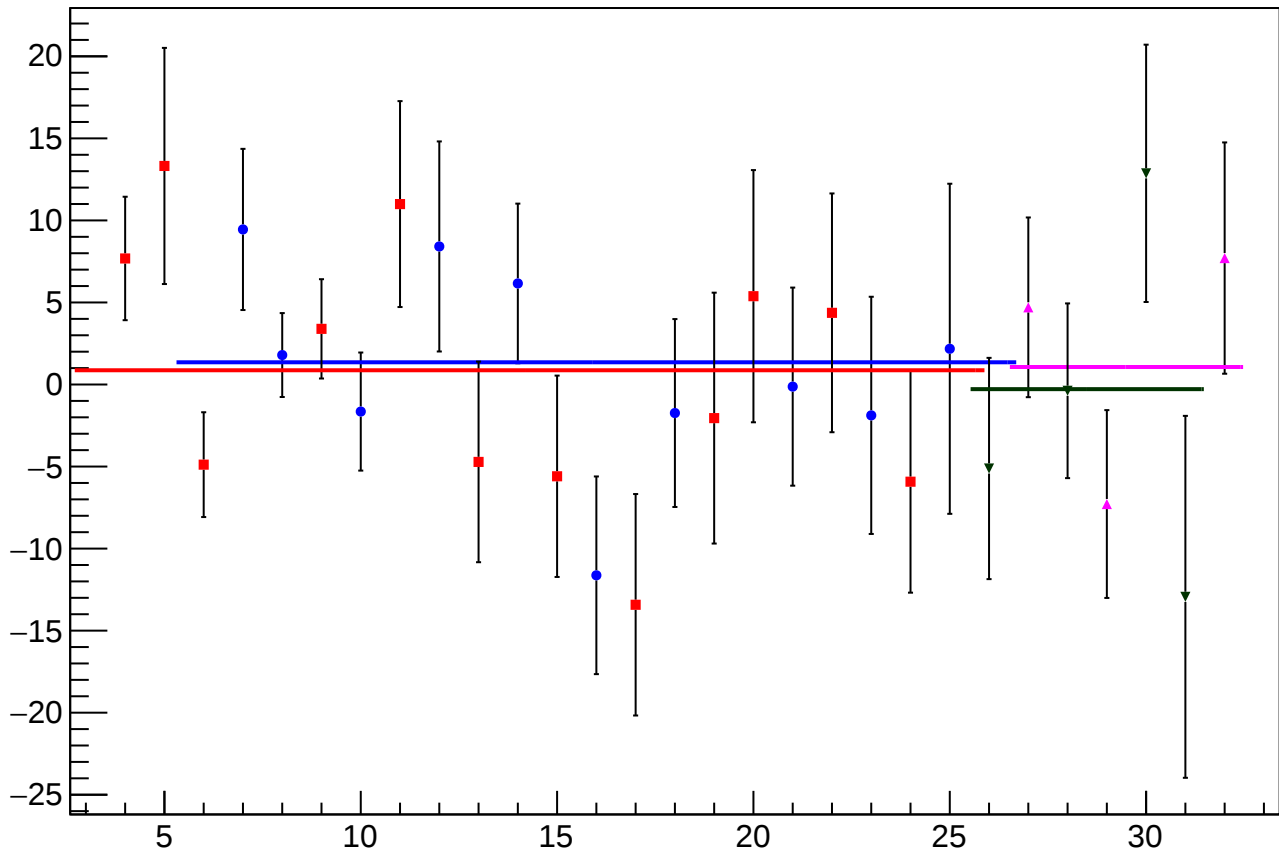
Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

Left In: 9826.897+/-4.344 χ^2/NDF : 22075.4/2

8555.352+/-2.095 χ^2/NDF : 527714.1/13

8391.529+/-2.002 χ^2/NDF : 392873.6/14

diff_bpm1Y_mean vs slug



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

Left Out: -0.283 ± 3.497 χ^2/NDF : 4.6/3

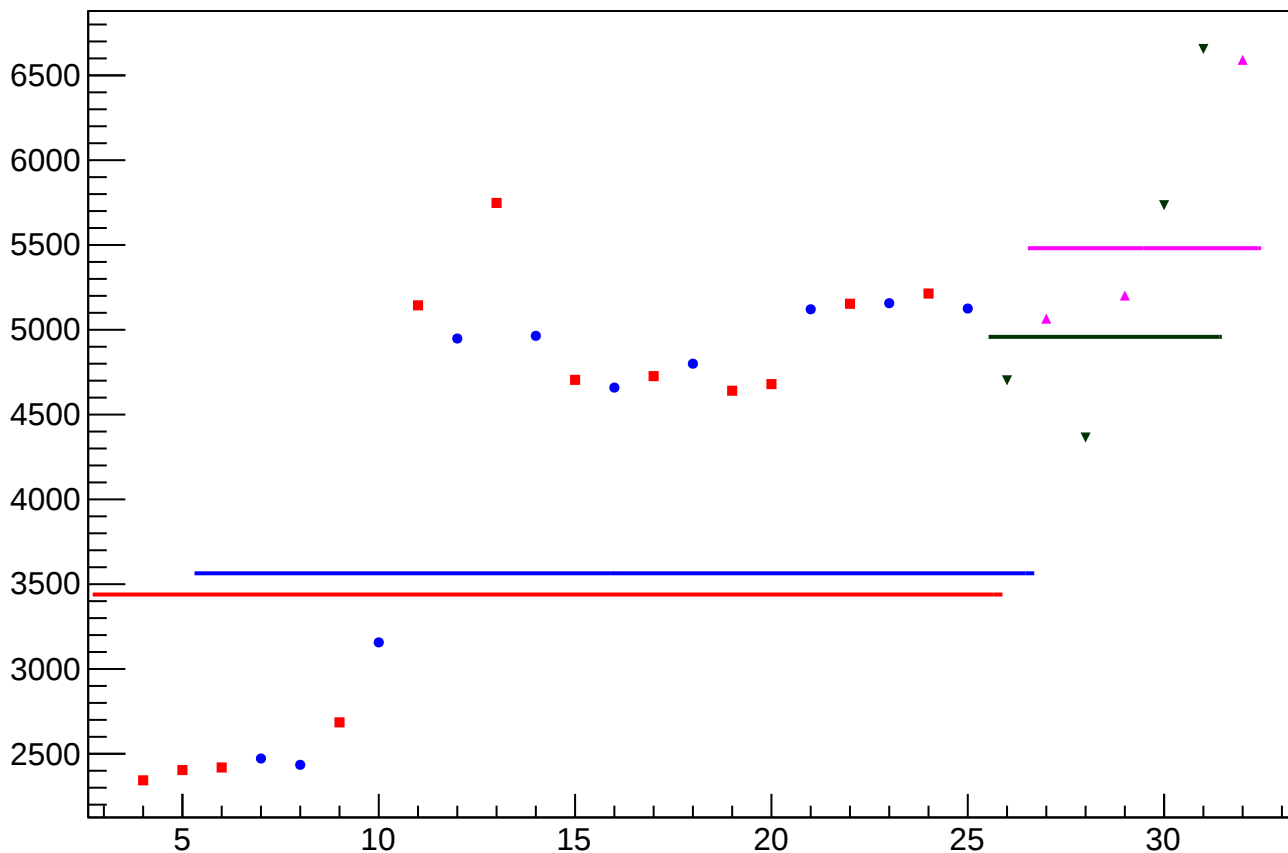
Right Out: 0.868 ± 1.454 χ^2/NDF : 21.0/11

Left In: 1.067 ± 3.450 χ^2/NDF : 3.5/2

1.104 ± 1.368 χ^2/NDF : 15.7/13

0.898 ± 1.340 χ^2/NDF : 24.4/14

diff_bpm1Y_rms vs slug



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

Left Out: 4958.247+/-2.473 χ^2/NDF : 94735.1/3

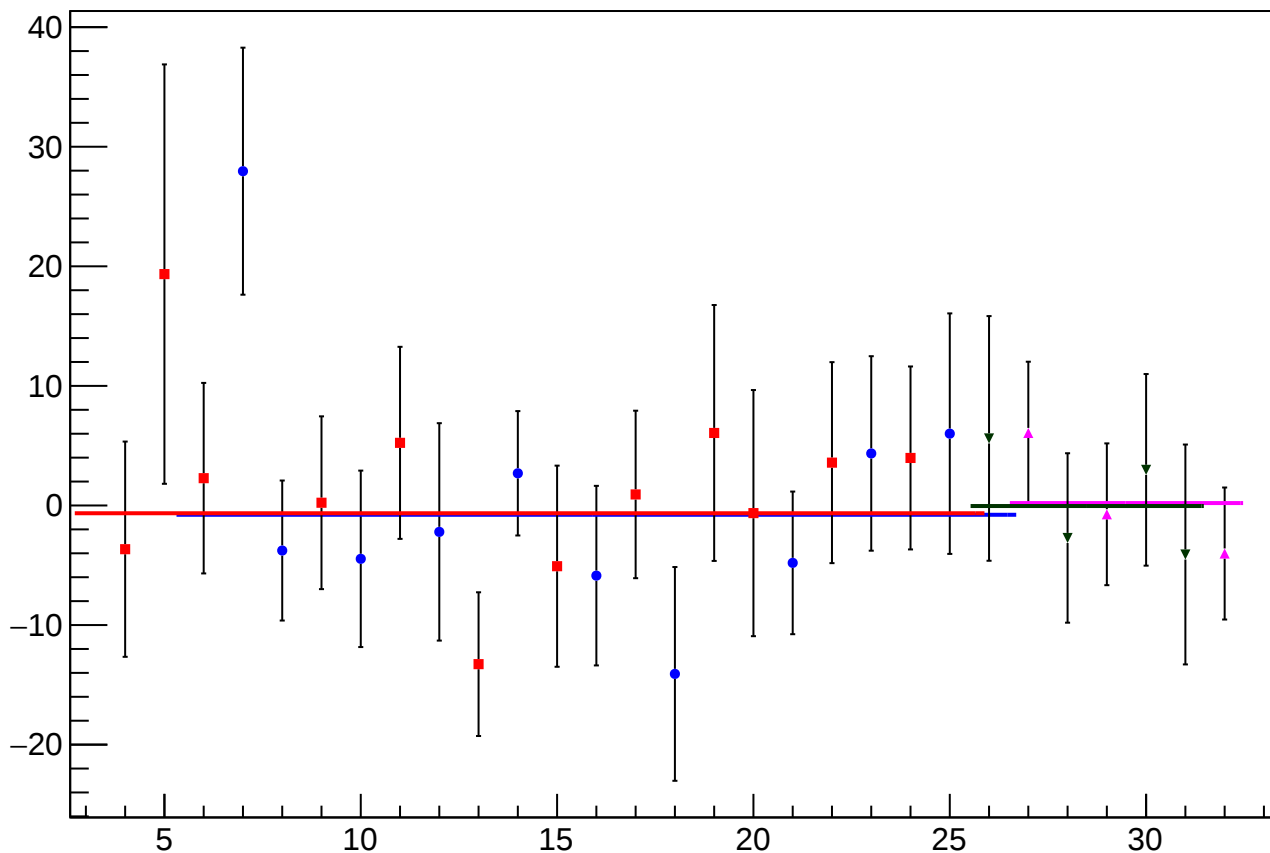
Right Out: 3439.033+/-1.028 χ^2/NDF : 1480366.2/11

Left In: 5481.039+/-2.440 χ^2/NDF : 65915.0/2

3777.453+/-0.967 χ^2/NDF : 1575367.0/13

3747.151+/-0.948 χ^2/NDF : 2141167.8/14

diff_bpm11X_mean vs slug



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

Left Out: -0.046 ± 4.193 $\chi^2/\text{NDF}: 0.8/3$

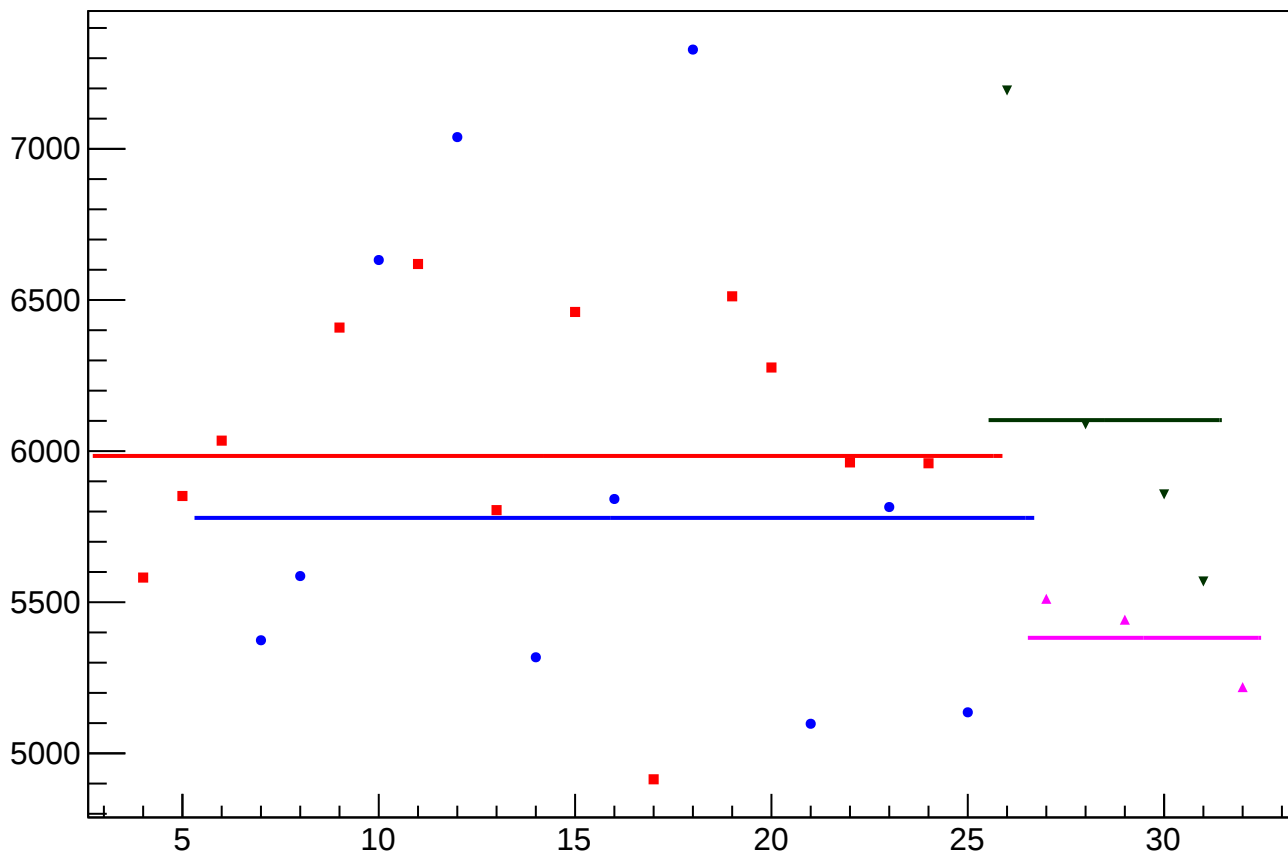
Right Out: -0.650 ± 2.373 $\chi^2/\text{NDF}: 7.8/11$

Left In: 0.202 ± 3.344 $\chi^2/\text{NDF}: 1.6/2$

-0.609 ± 2.015 $\chi^2/\text{NDF}: 13.5/13$

-0.365 ± 1.935 $\chi^2/\text{NDF}: 9.5/14$

diff_bpm11X_rms vs slug



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

Left Out: 6102.560+/-2.965 χ^2/NDF : 31361.2/3

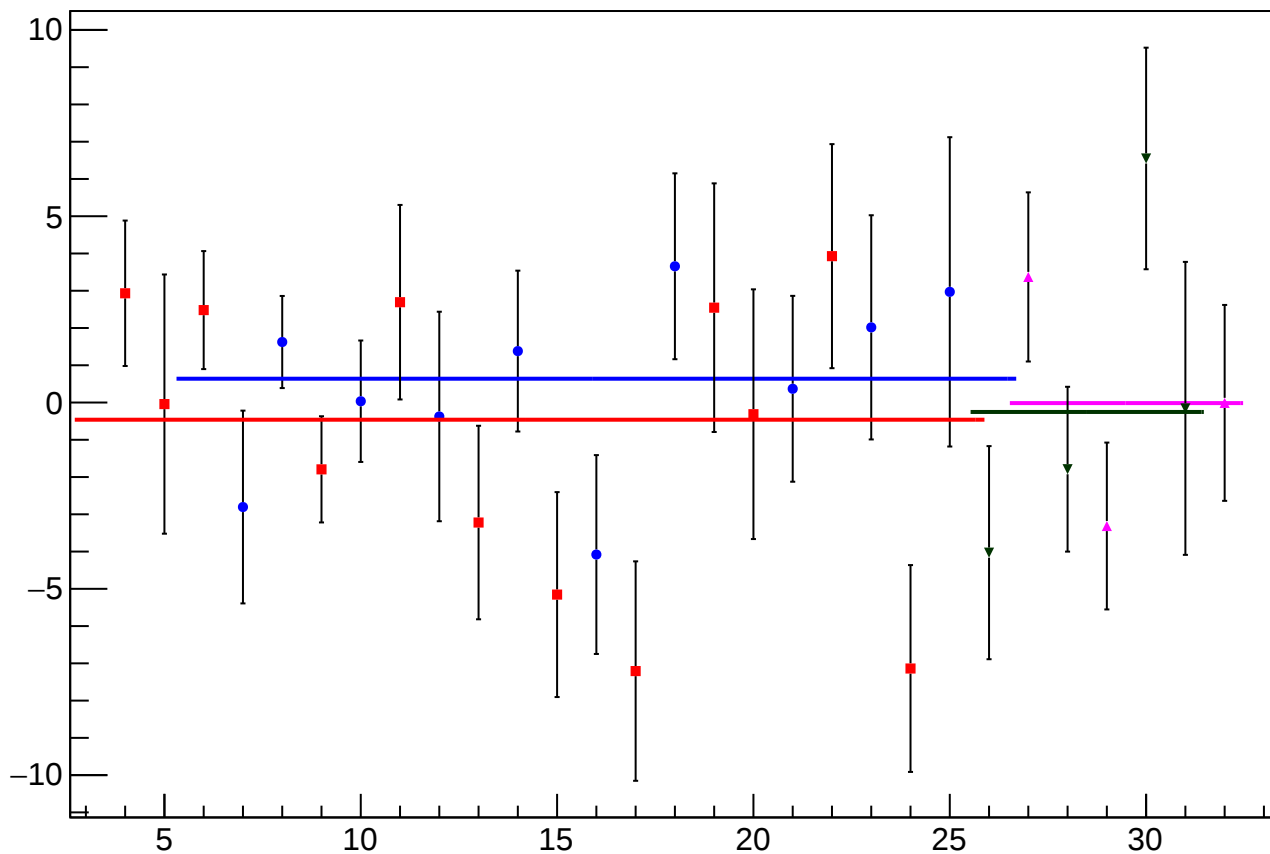
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5382.210+/-2.364 χ^2/NDF : 2890.9/2

5853.765+/-1.425 χ^2/NDF : 221195.1/13

5782.468+/-1.368 χ^2/NDF : 130988.0/14

diff_bpm11Y_mean vs slug



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

Left Out: -0.253 ± 1.408 χ^2/NDF : 7.5/3

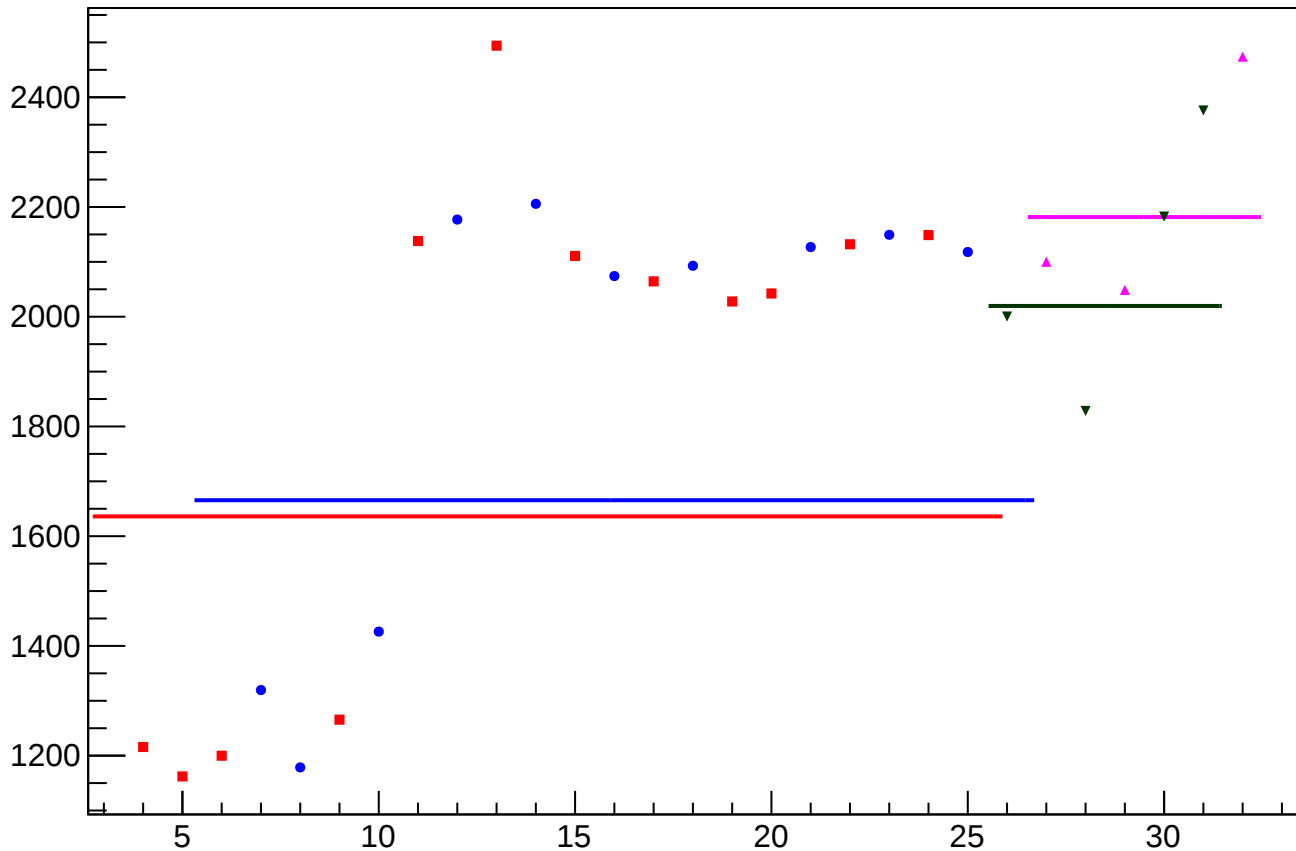
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: -0.015 ± 1.363 χ^2/NDF : 4.4/2

0.470 ± 0.614 χ^2/NDF : 15.7/13

-0.374 ± 0.604 χ^2/NDF : 31.3/14

diff_bpm11Y_rms vs slug



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

Left Out: 2019.647+/-0.996 χ^2/NDF : 37487.9/3

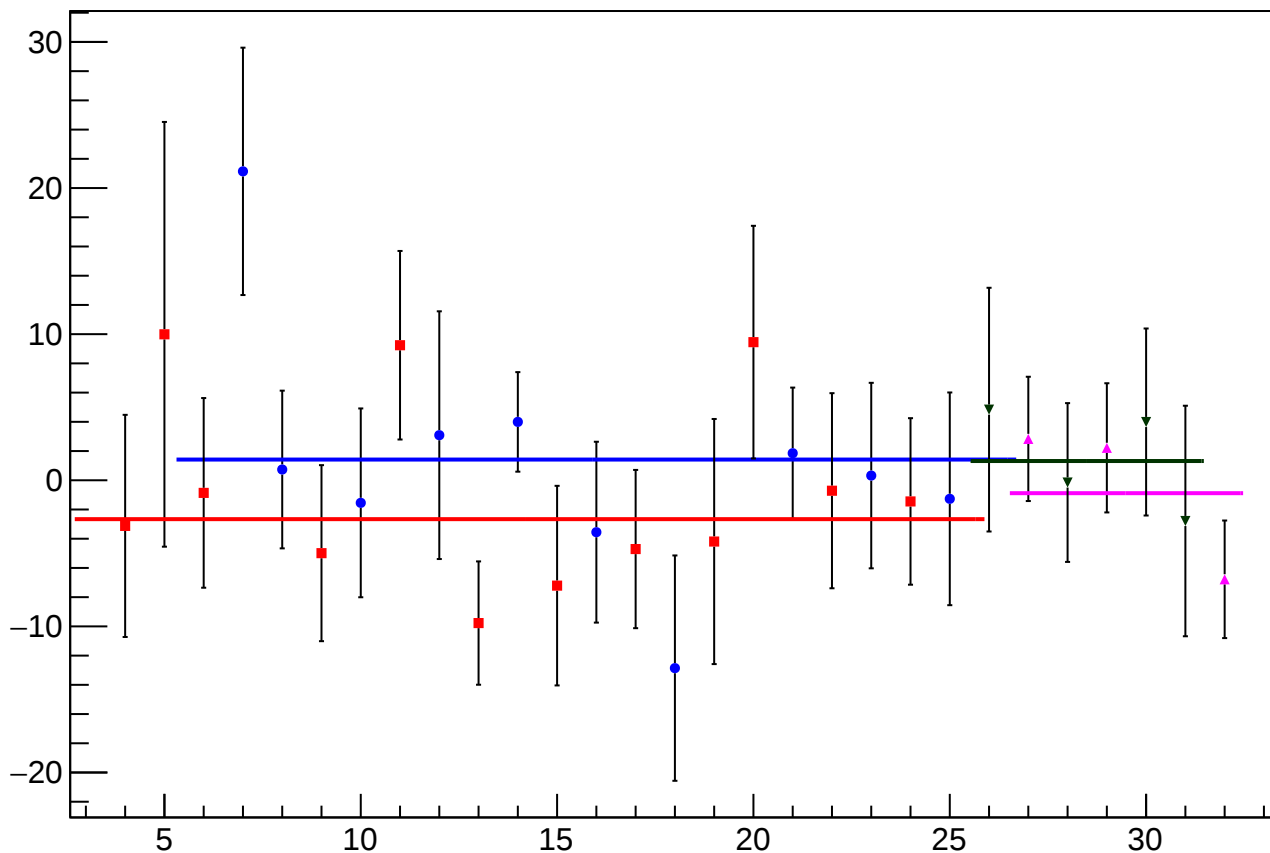
1732.784+/-0.434 χ^2/NDF : 970343.4/13

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

1743.337+/-0.427 χ^2/NDF : 1282467.7/14

Left In: 2181.675+/-0.964 χ^2/NDF : 34340.7/2

diff_bpm12X_mean vs slug



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

Left Out: 1.317 ± 3.357 χ^2/NDF : 0.7/3

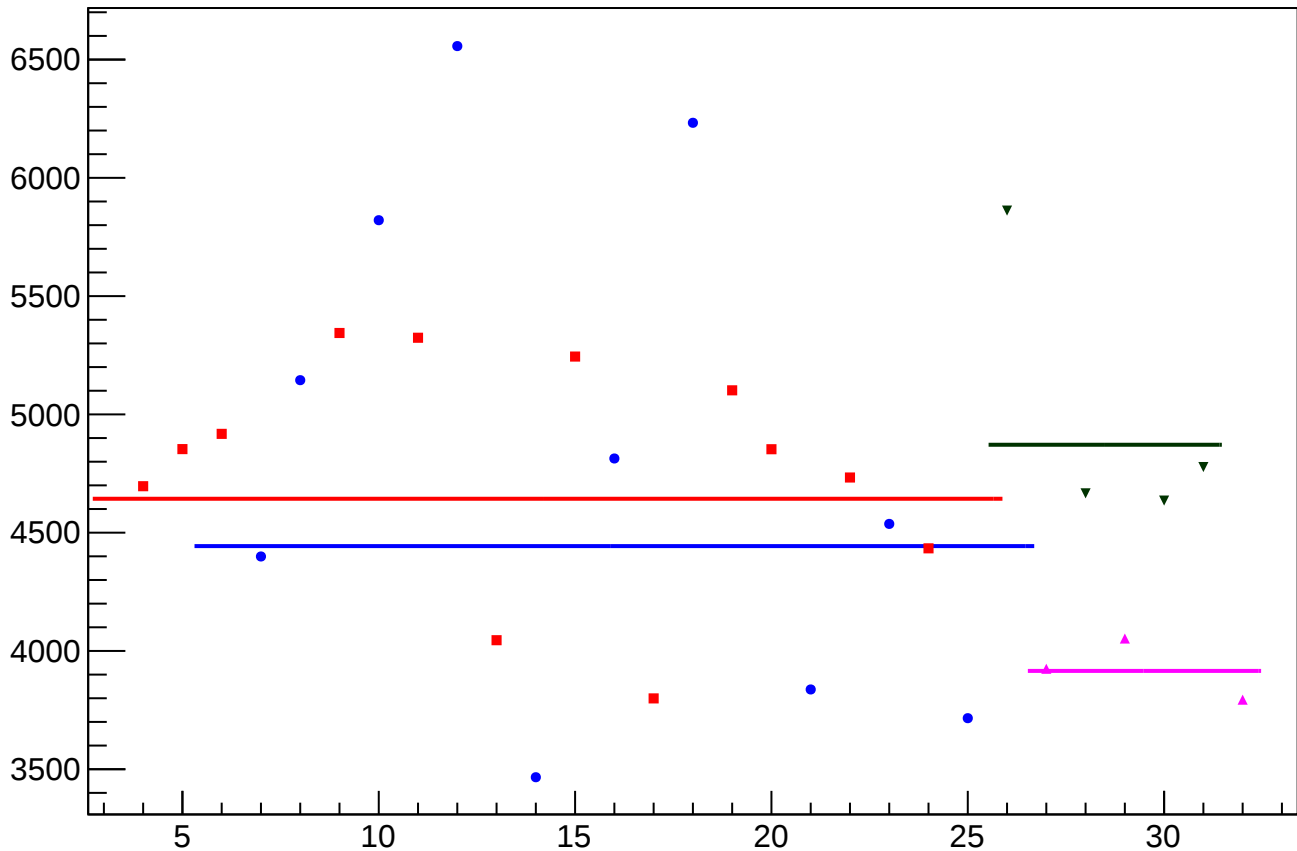
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: -0.883 ± 2.438 χ^2/NDF : 3.4/2

1.396 ± 1.587 χ^2/NDF : 11.2/13

-2.011 ± 1.474 χ^2/NDF : 14.0/14

diff_bpm12X_rms vs slug



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

Left Out: 4871.667+/-2.374 χ^2/NDF : 34035.9/3

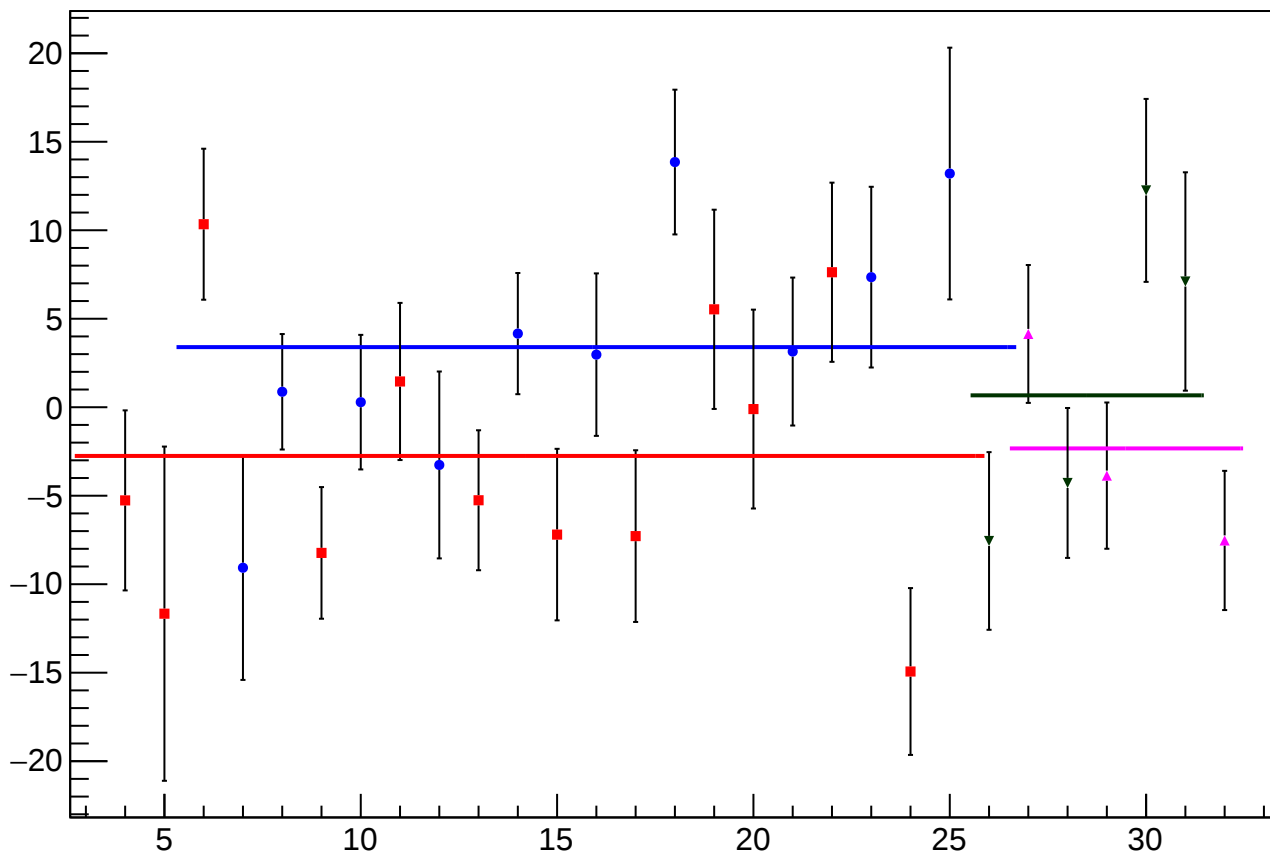
4538.919+/-1.122 χ^2/NDF : 644702.6/13

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

4377.496+/-1.042 χ^2/NDF : 284906.0/14

Left In: 3915.611+/-1.724 χ^2/NDF : 3753.2/2

diff_bpm12Y_mean vs slug



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

Left Out: 0.672 ± 2.507 χ^2/NDF : 10.2/3

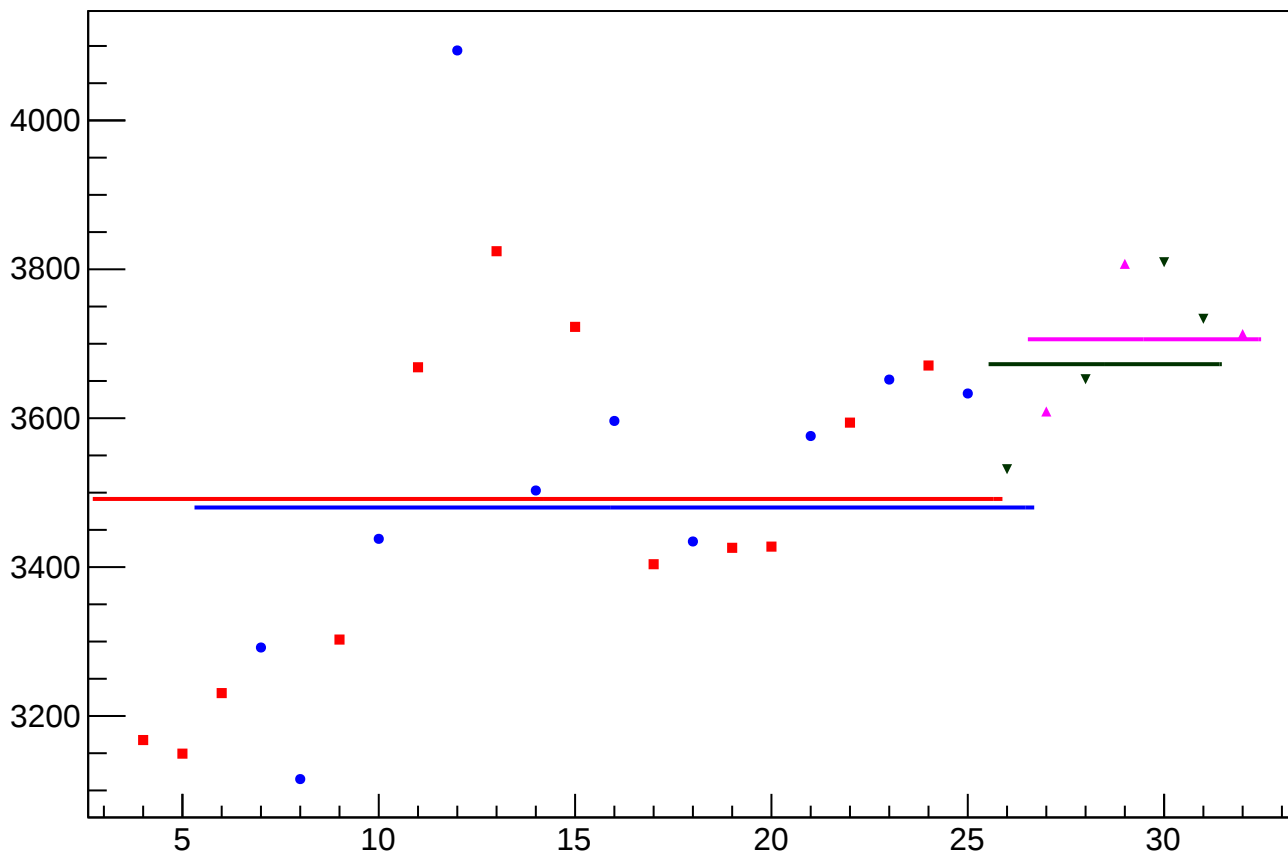
Right Out: -2.752 ± 1.381 χ^2/NDF : 29.0/11

Left In: -2.328 ± 2.299 χ^2/NDF : 4.6/2

2.769 ± 1.203 χ^2/NDF : 26.9/13

-2.640 ± 1.184 χ^2/NDF : 33.7/14

diff_bpm12Y_rms vs slug



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

Left Out: 3672.573+/-1.773 χ^2/NDF : 3224.8/3

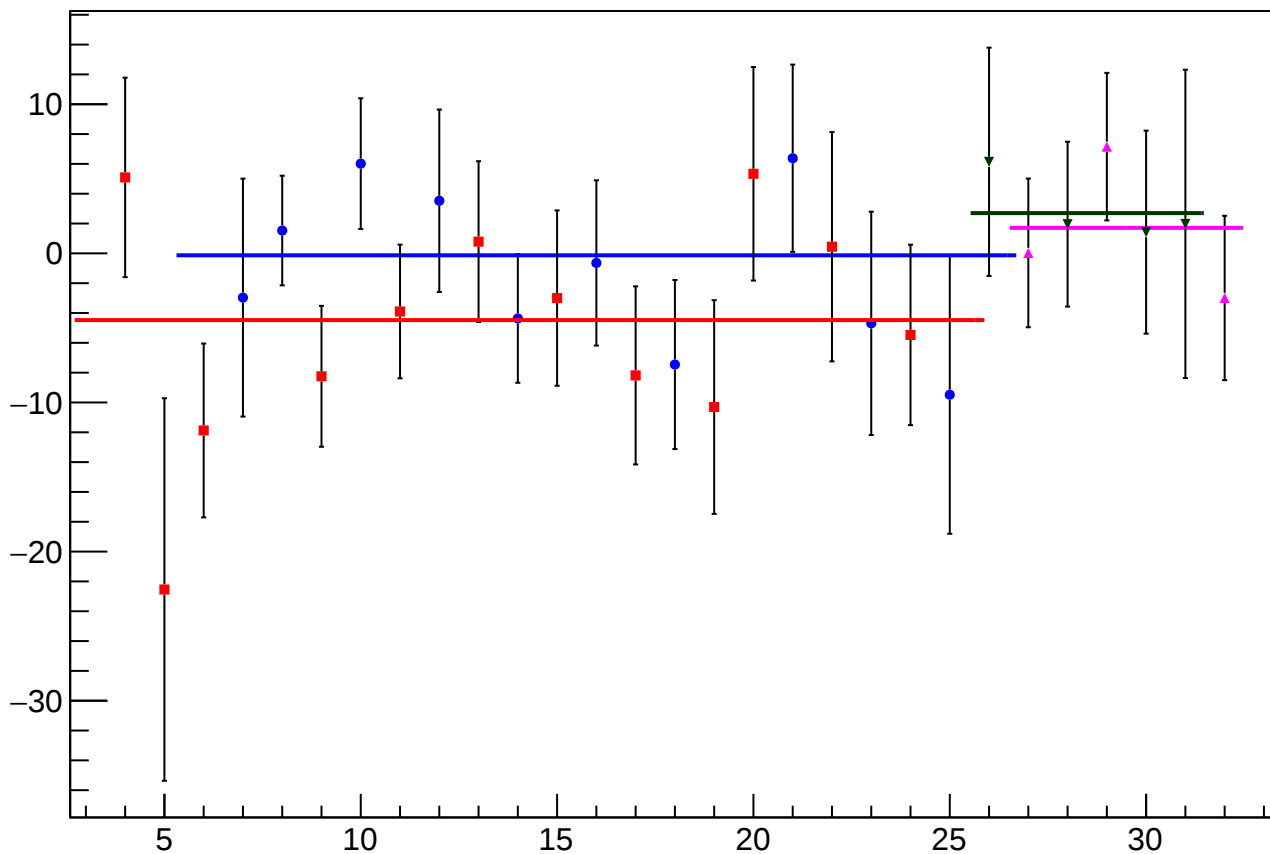
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

Left In: 3706.013+/-1.626 χ^2/NDF : 2448.5/2

3524.403+/-0.851 χ^2/NDF : 72218.8/13

3548.407+/-0.837 χ^2/NDF : 65378.3/14

diff_bpm16X_mean vs slug



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

Left Out: 2.699 ± 3.520 χ^2/NDF : 0.3/3

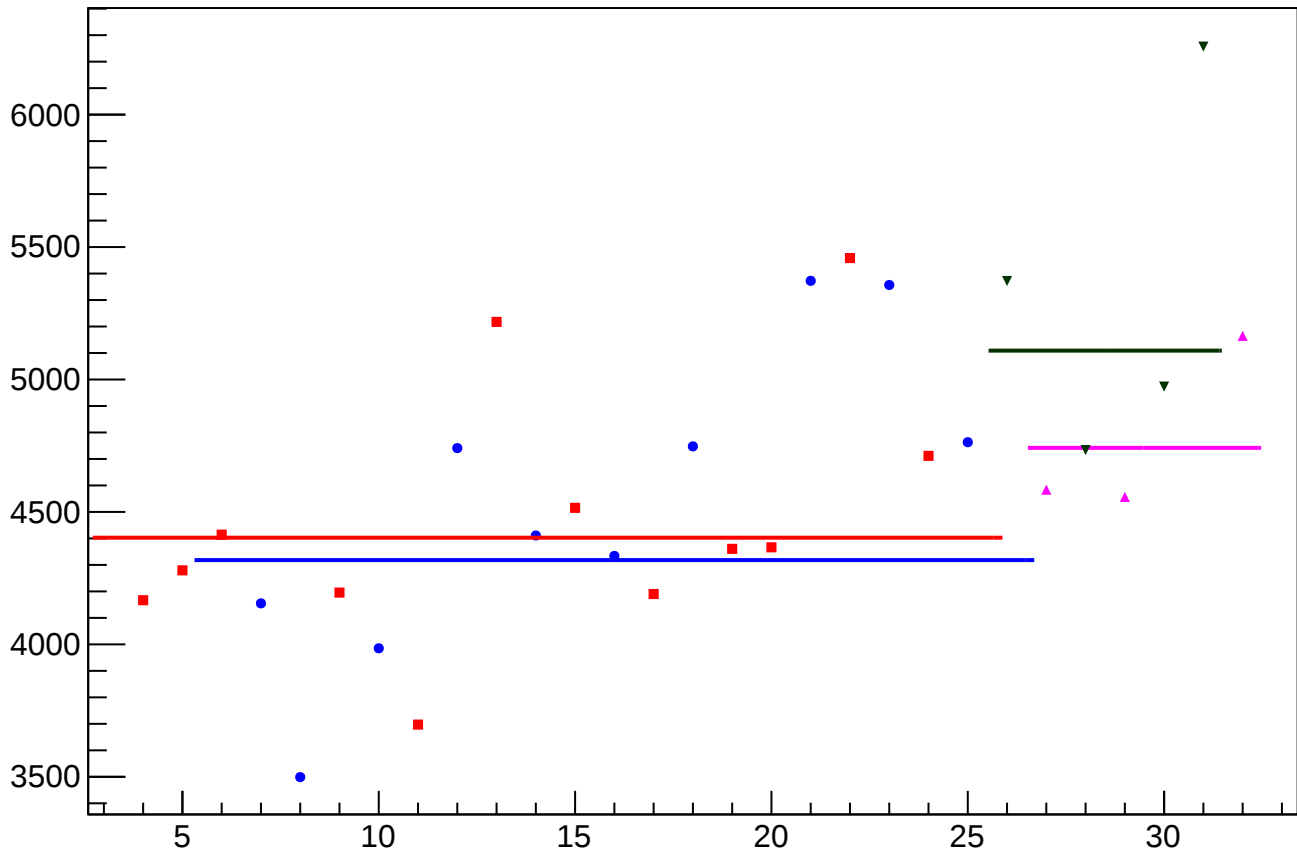
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

Left In: 1.712 ± 2.961 χ^2/NDF : 2.1/2

0.411 ± 1.541 χ^2/NDF : 8.5/13

-2.876 ± 1.506 χ^2/NDF : 16.0/14

diff_bpm16X_rms vs slug



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

Left Out: 5109.017+/-2.489 χ^2/NDF : 37022.9/3

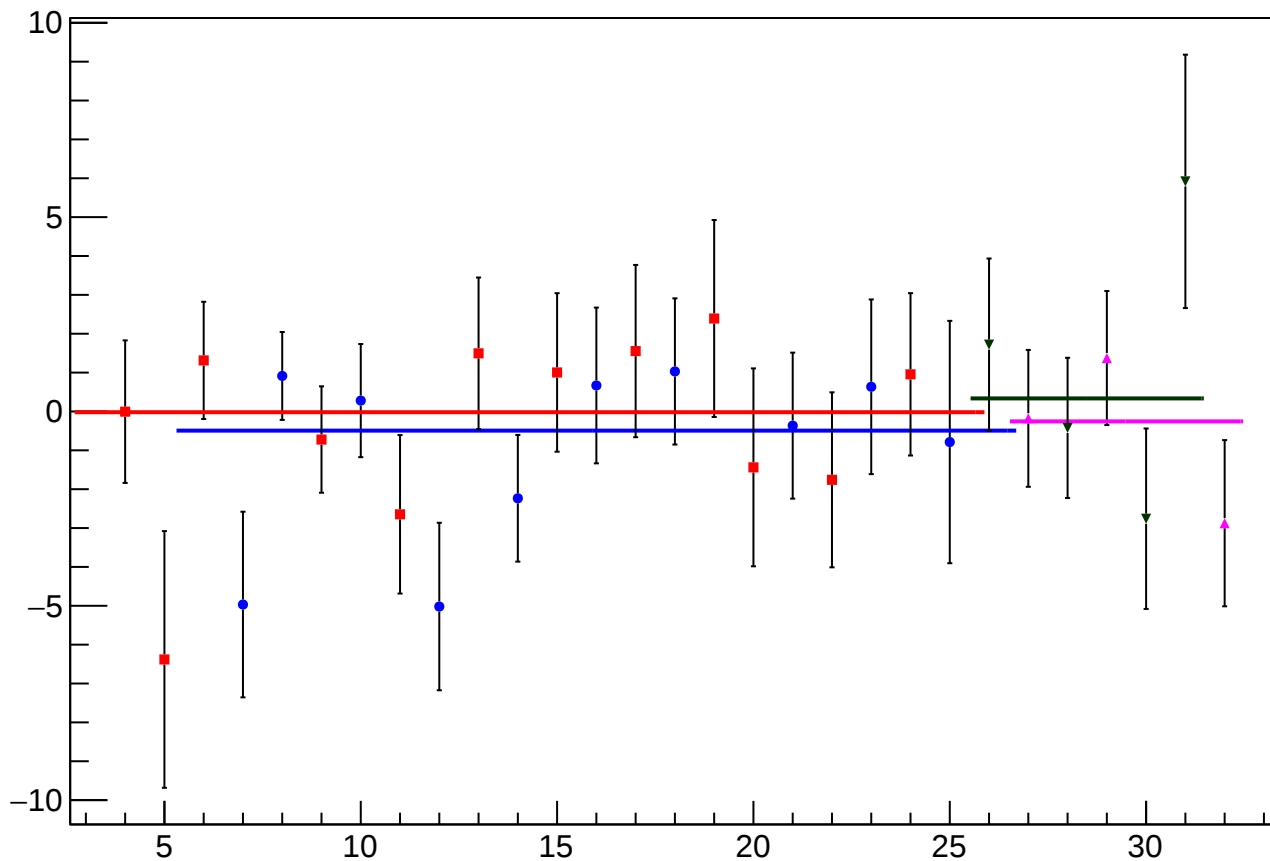
4469.677+/-1.089 χ^2/NDF : 351779.7/13

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

4490.455+/-1.065 χ^2/NDF : 184070.7/14

Left In: 4741.898+/-2.094 χ^2/NDF : 16573.7/2

diff_bpm16Y_mean vs slug



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

Left Out: 0.335 ± 1.125 $\chi^2/\text{NDF}: 5.3/3$

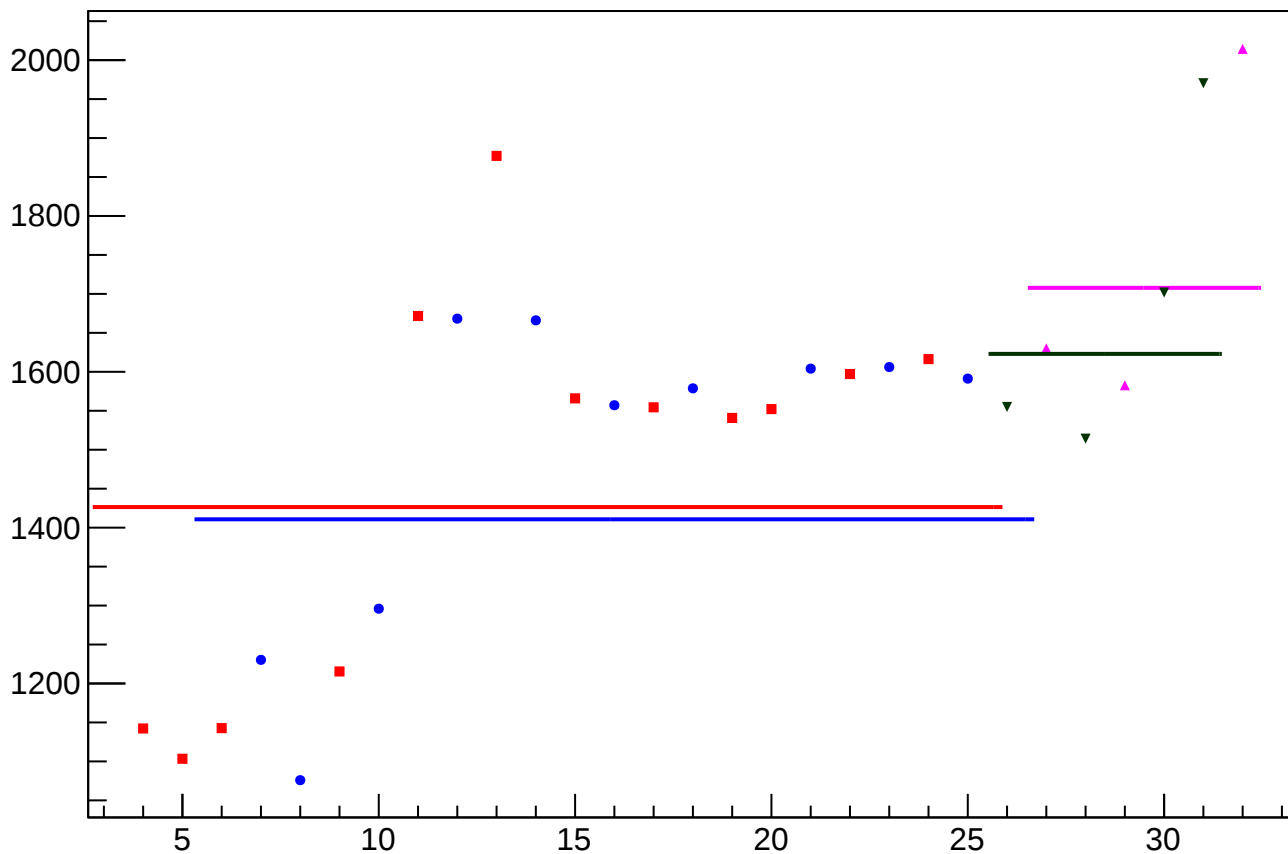
Right Out: -0.019 ± 0.573 $\chi^2/\text{NDF}: 9.8/11$

Left In: -0.255 ± 1.067 $\chi^2/\text{NDF}: 2.4/2$

-0.326 ± 0.505 $\chi^2/\text{NDF}: 17.9/13$

-0.072 ± 0.505 $\chi^2/\text{NDF}: 12.2/14$

diff_bpm16Y_rms vs slug



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

Left Out: 1623.004+/-0.795 χ^2/NDF :34171.8/3

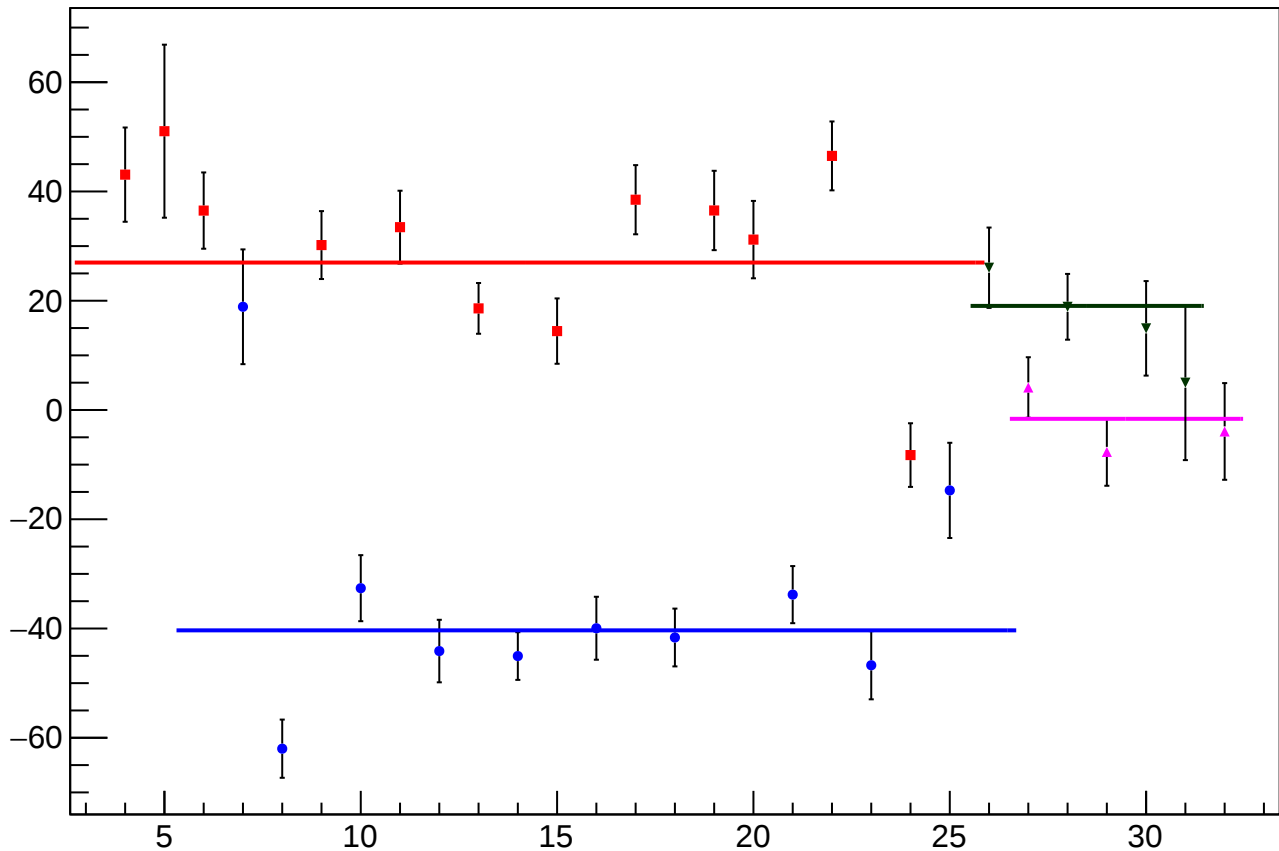
Right Out: 1426.417+/-0.405 χ^2/NDF : 374185.0/11

Left In: 1707.773+/-0.755 χ^2/NDF :55560.8/2

1453.442+/-0.357 χ^2/NDF : 437543.6/13

1489.343+/-0.357 χ^2/NDF : 537616.0/14

diff_bpm0l01X_mean vs slug



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

Left Out: 19.053 ± 3.940 χ^2/NDF : 2.1/3

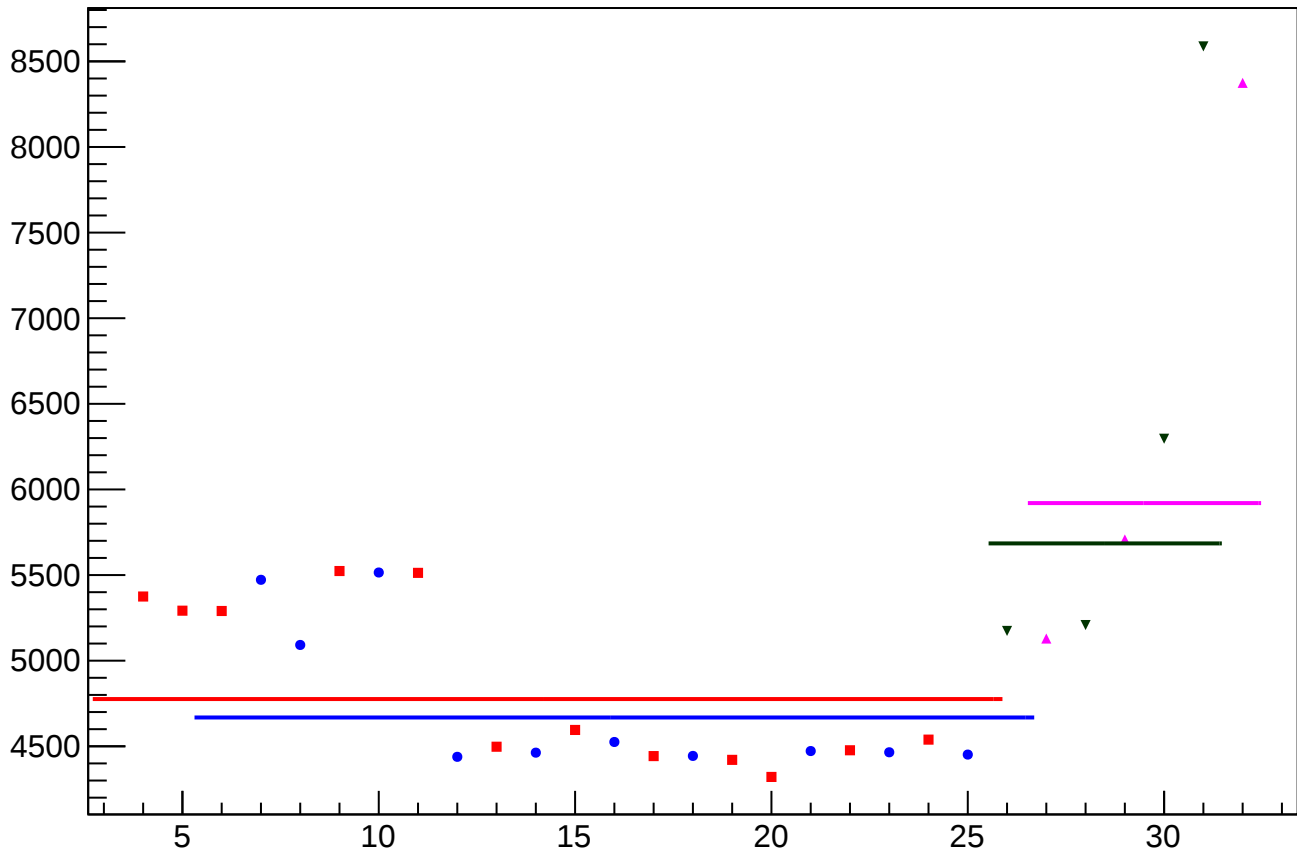
Right Out: 26.988 ± 1.893 χ^2/NDF : 68.1/11

Left In: -1.617 ± 3.741 χ^2/NDF : 2.1/2

-29.724 ± 1.666 χ^2/NDF : 251.6/13

21.157 ± 1.689 χ^2/NDF : 116.7/14

diff_bpm0l01X_rms vs slug



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

Left Out: 5684.851+/-2.786 χ^2/NDF :116026.8/3

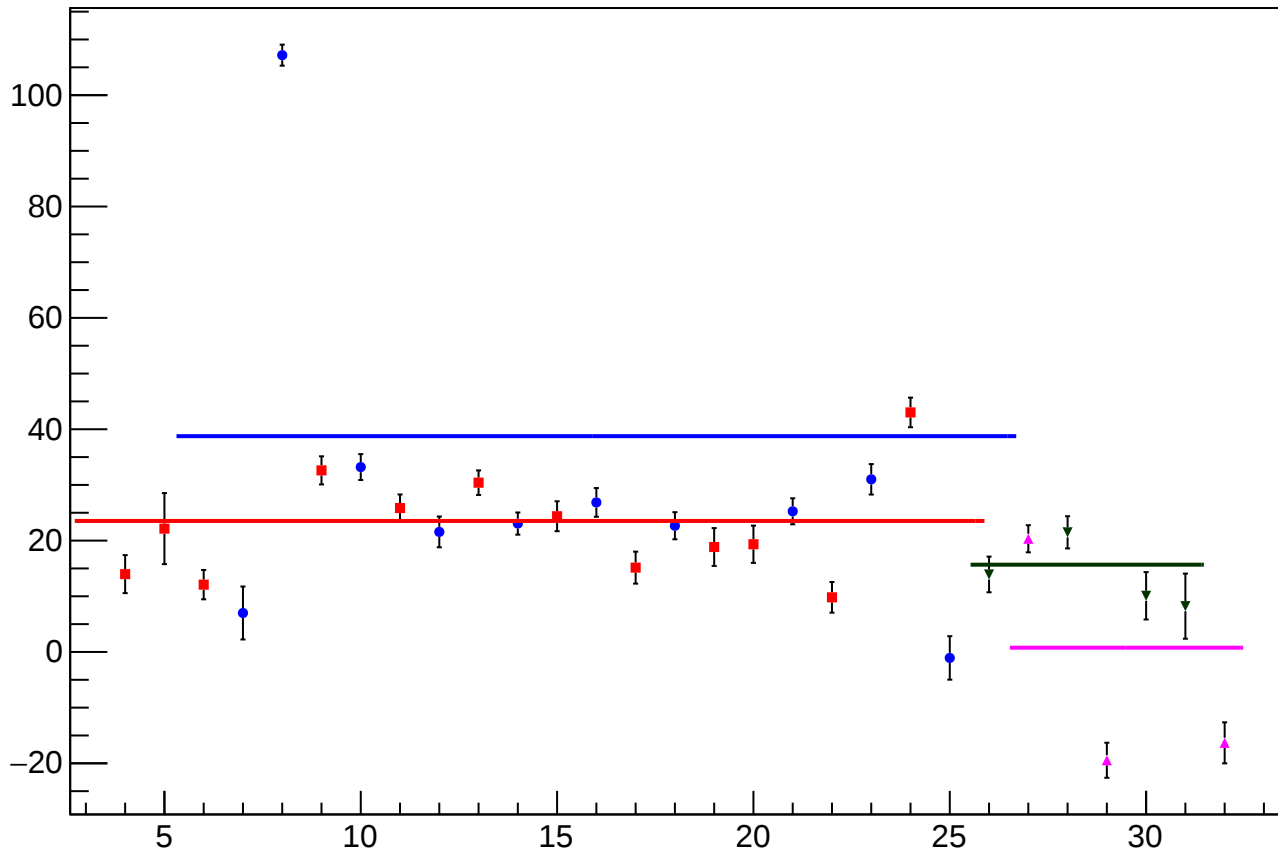
4849.933+/-1.178 χ^2/NDF : 307639.9/13

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

5009.174+/-1.194 χ^2/NDF : 457347.1/14

Left In: 5920.333+/-2.645 χ^2/NDF :197000.1/2

diff_bpm0l01Y_mean vs slug



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

Left Out: 15.673 $\pm$ 1.821 χ^2 /NDF: 7.7/3

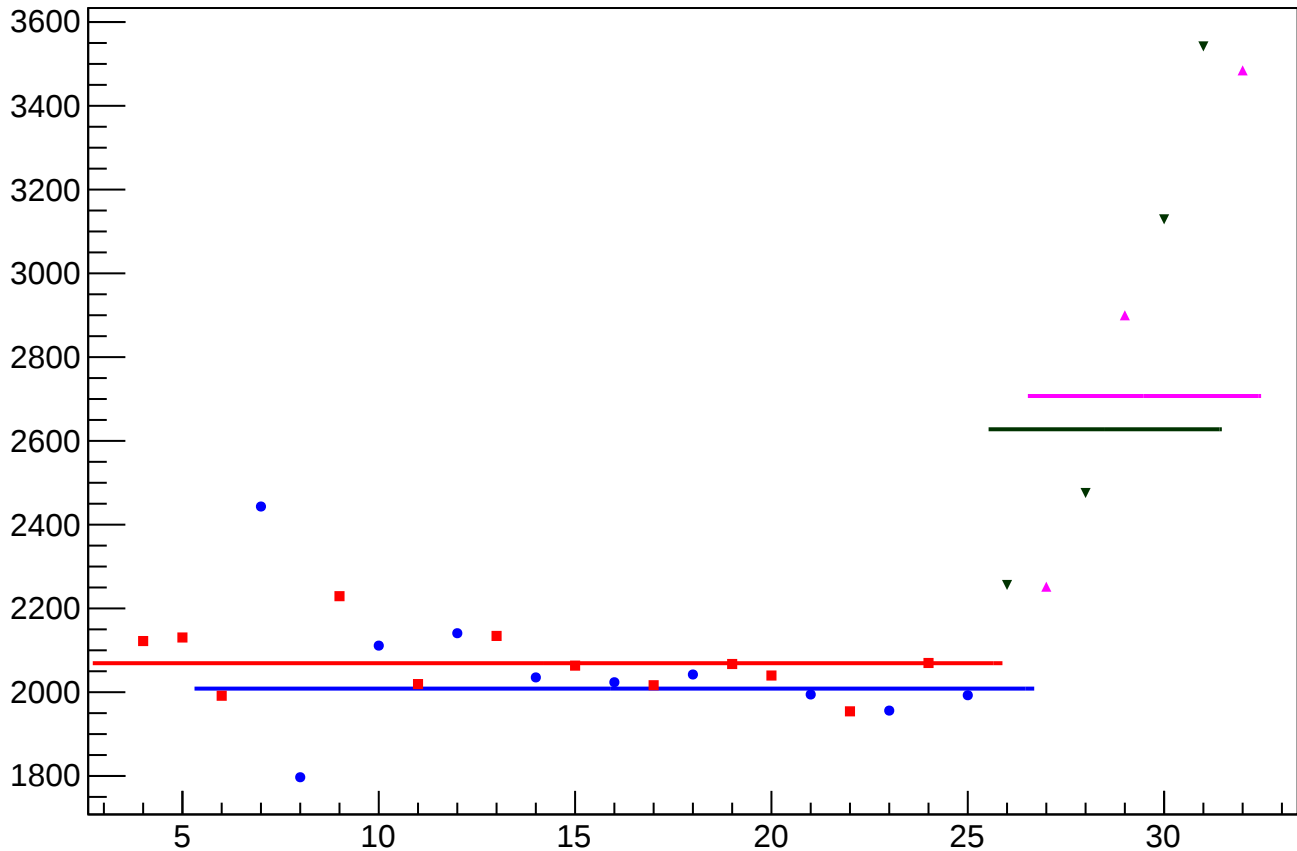
Right Out: 23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

Left In: 0.767 $\pm$ 1.707 χ^2 /NDF: 127.3/2

35.089 $\pm$ 0.726 χ^2 /NDF: 1823.4/13

19.275 $\pm$ 0.738 χ^2 /NDF: 412.7/14

diff_bpm0l01Y_rms vs slug



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

Left Out: 2627.732+/-1.288 χ^2/NDF : 108992.9/3

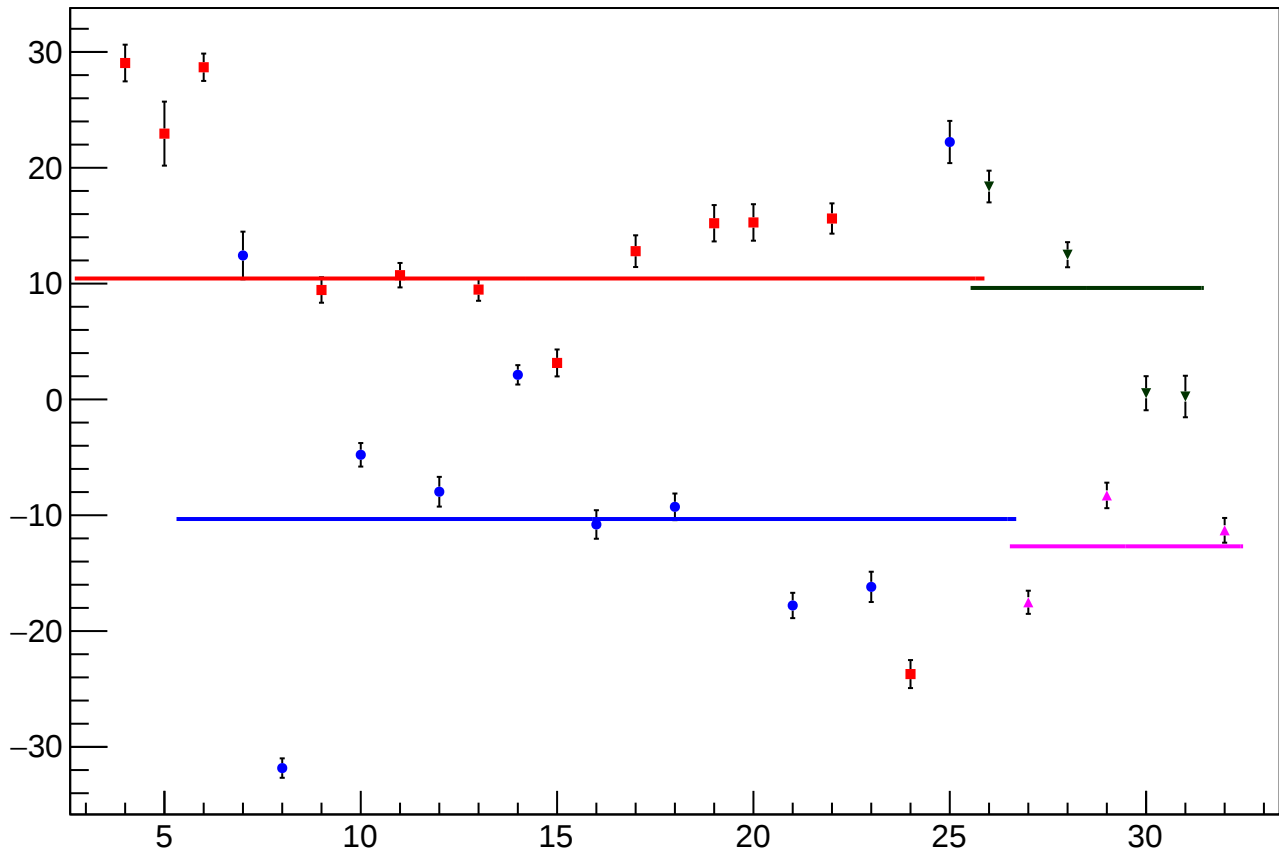
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 2707.167+/-1.207 χ^2/NDF : 166503.8/2

2106.967+/-0.513 χ^2/NDF : 355476.5/13

2188.462+/-0.522 χ^2/NDF : 410916.4/14

diff_bpm2i01X_mean vs slug



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

Left Out: 9.625 ± 0.681 χ^2/NDF : 113.5/3

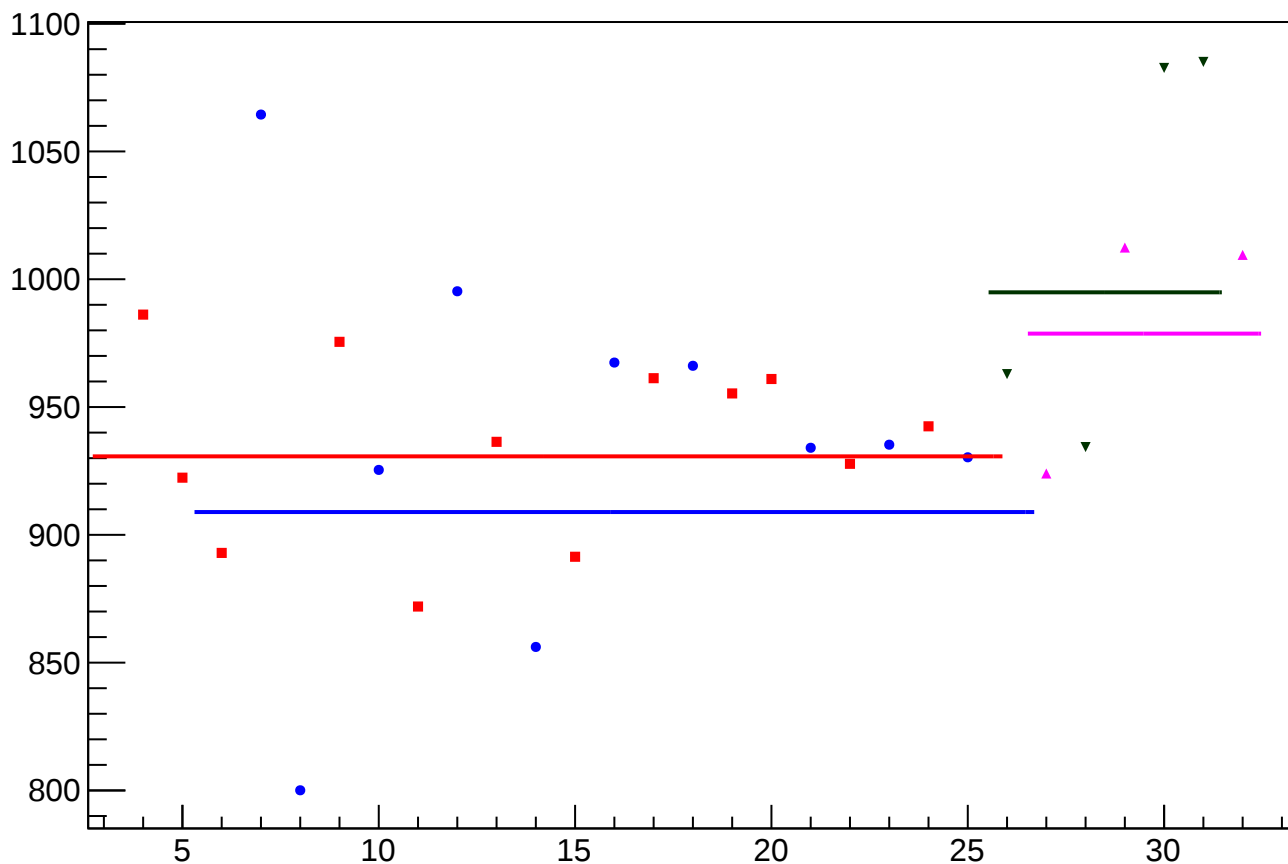
Right Out: 10.440 ± 0.368 χ^2/NDF : 1273.2/11

Left In: -12.684 ± 0.608 χ^2/NDF : 41.0/2

-5.999 ± 0.317 χ^2/NDF : 2206.8/13

4.248 ± 0.315 χ^2/NDF : 2372.7/14

diff_bpm2i01X_rms vs slug



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

Left Out: 994.880+/-0.481 χ^2/NDF :19520.0/3

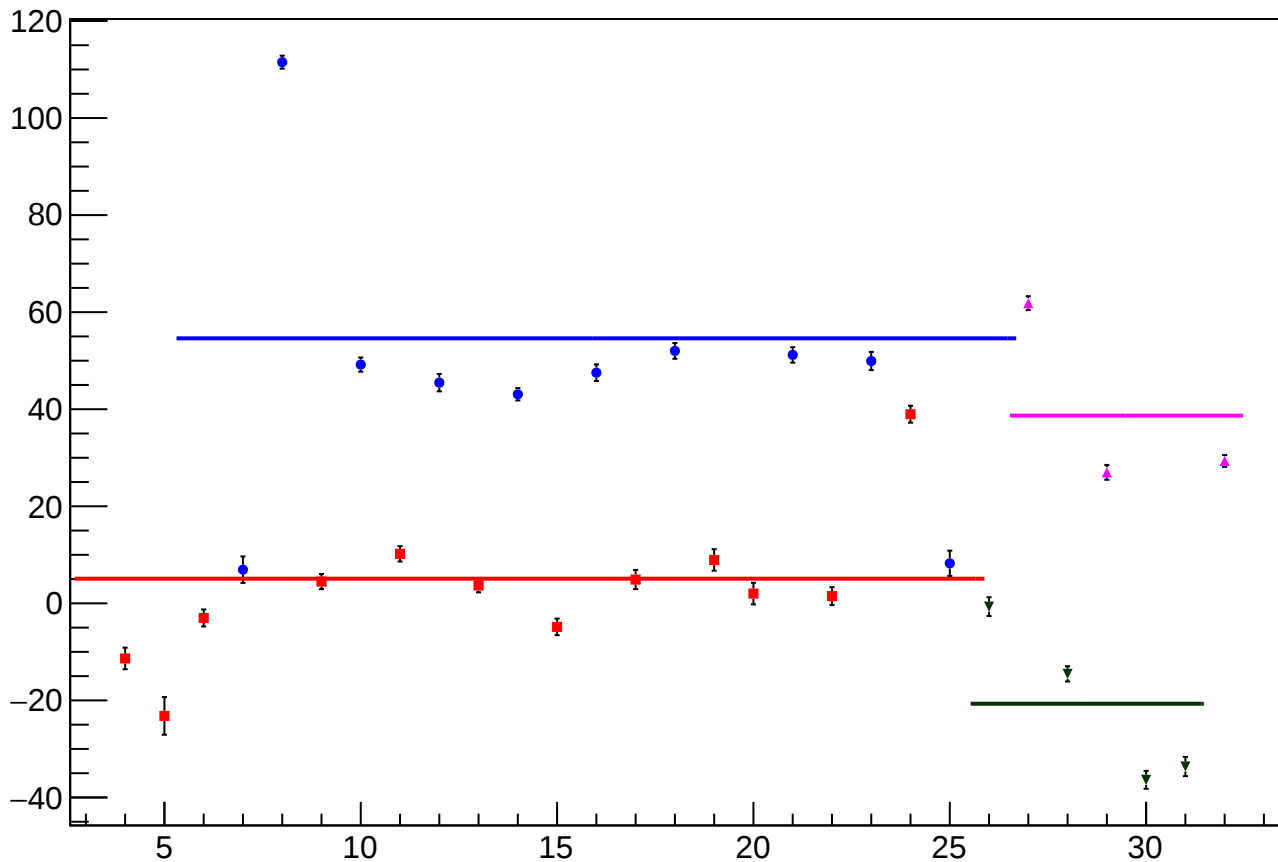
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 978.724+/-0.430 χ^2/NDF :9532.5/2

927.563+/-0.224 χ^2/NDF : 118739.9/13

943.564+/-0.223 χ^2/NDF : 37479.2/14

diff_bpm2i01Y_mean vs slug



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

Left Out: -20.682 $\pm$ 0.906 χ^2 /NDF: 237.7/3

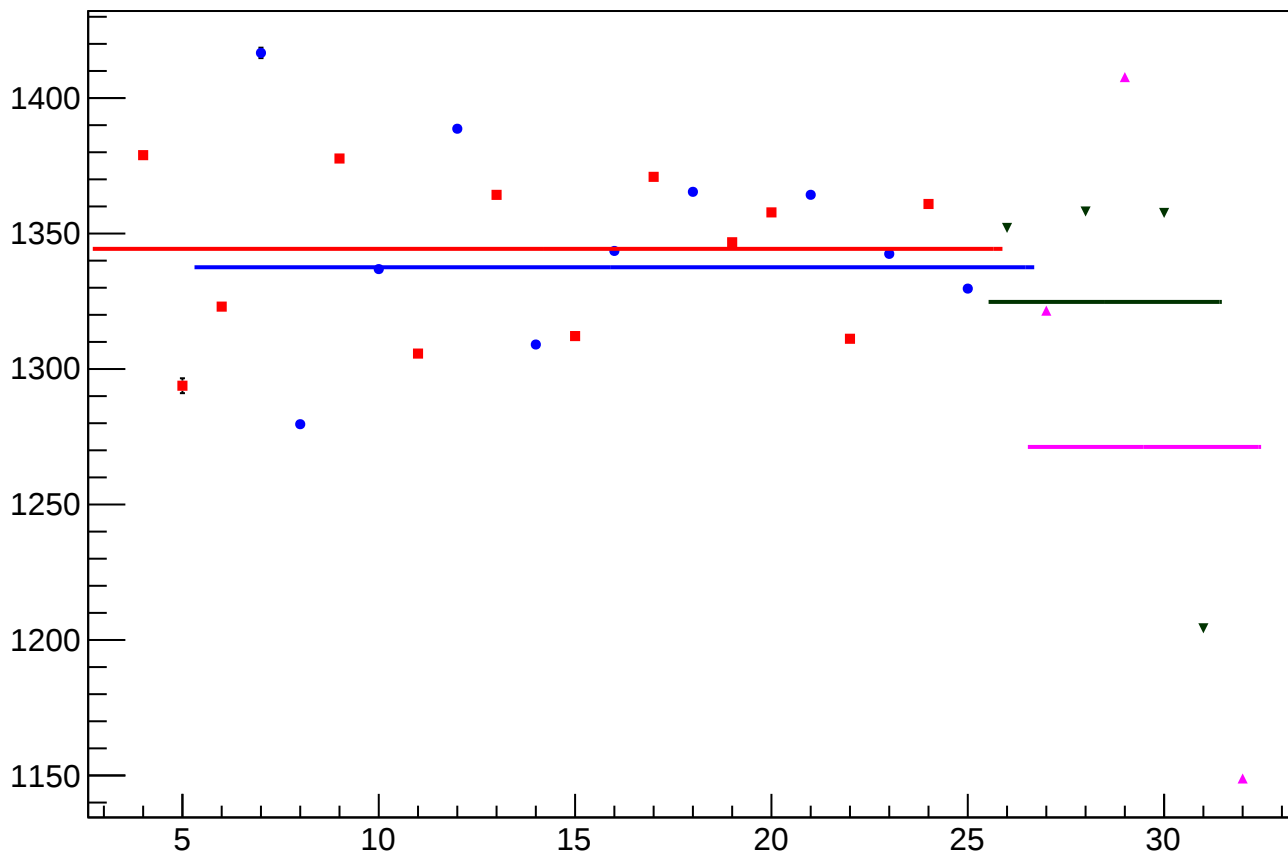
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 38.689 $\pm$ 0.792 χ^2 /NDF: 380.6/2

35.608 $\pm$ 0.455 χ^2 /NDF: 7973.7/13

15.530 $\pm$ 0.441 χ^2 /NDF: 2181.1/14

diff_bpm2i01Y_rms vs slug



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

Left Out: 1324.770 ± 0.640 χ^2/NDF : 9270.1/3

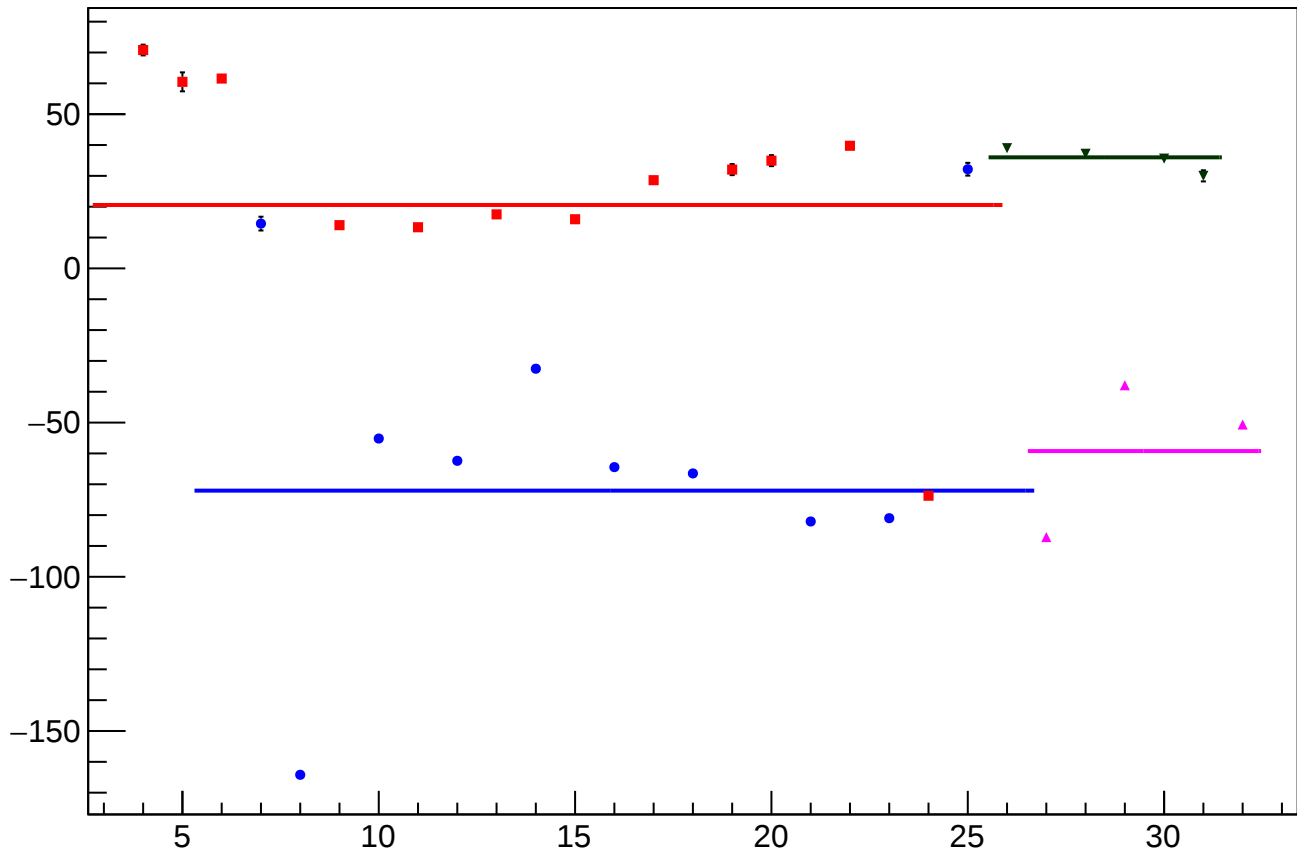
Right Out: 1344.349 ± 0.376 χ^2/NDF : 5607.5/11

Left In: 1271.248 ± 0.560 χ^2/NDF : 38709.7/2

1334.332 ± 0.322 χ^2/NDF : 18794.8/13

1321.631 ± 0.312 χ^2/NDF : 56067.0/14

diff_bpm2i02X_mean vs slug



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

Left Out: 36.003+/-0.751 χ^2/NDF :15.7/3

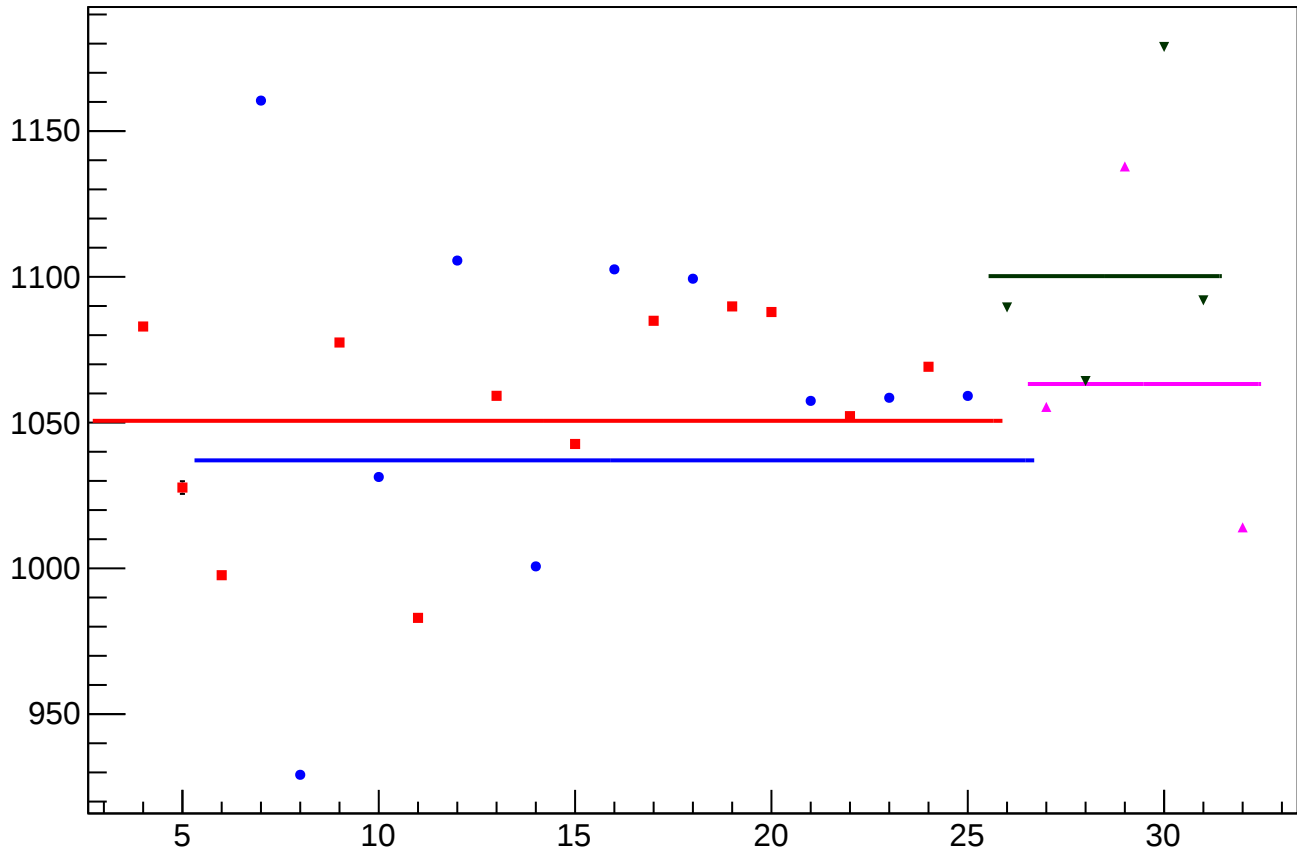
Right Out: 20.554+/-0.415 χ^2/NDF : 7076.4/11

Left In: -59.232+/-0.661 χ^2/NDF :960.1/2

-47.429+/-0.359 χ^2/NDF : 31033.4/13

-2.032+/-0.351 χ^2/NDF : 18496.9/14

diff_bpm2i02X_rms vs slug



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

Left Out: 1100.246+/-0.531 χ^2/NDF : 6673.5/3

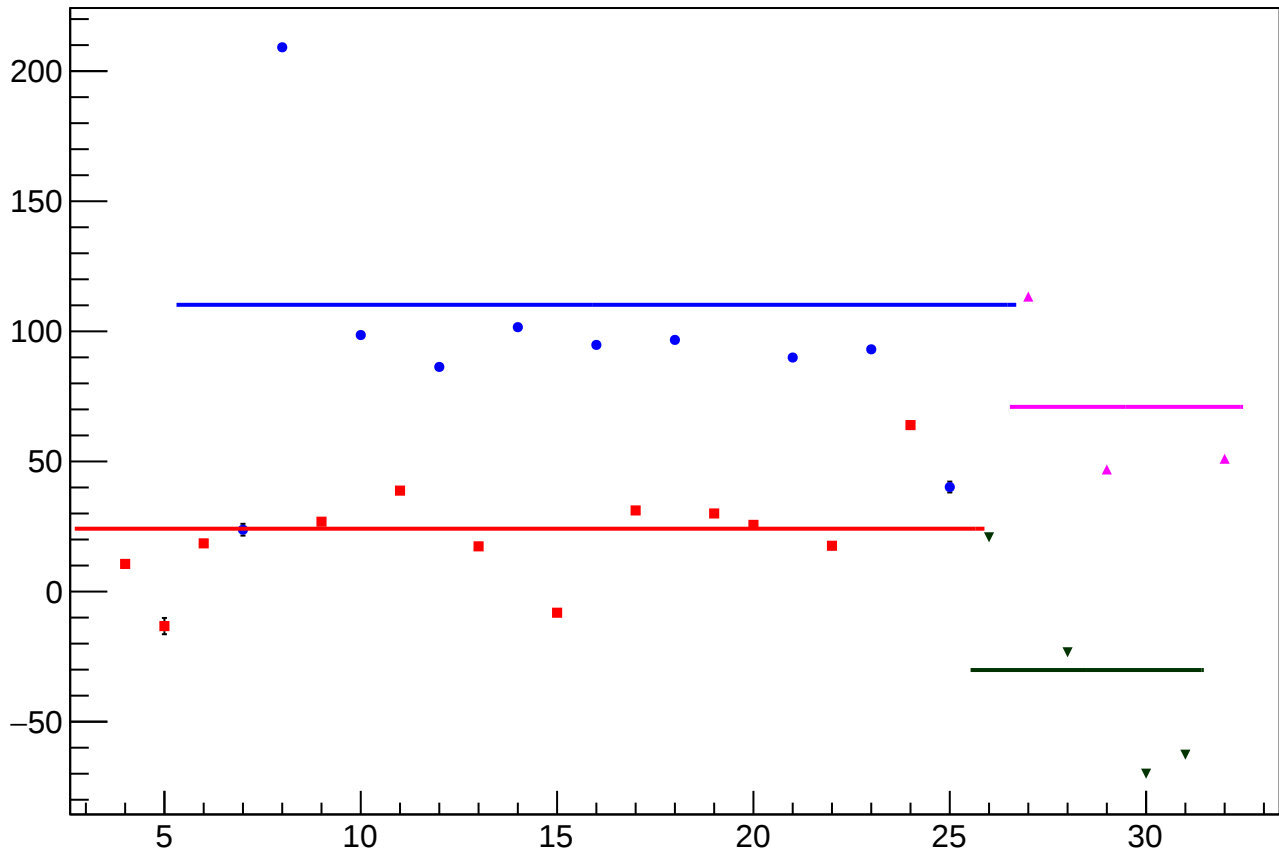
Right Out: 1050.613+/-0.293 χ^2/NDF : 14851.7/11

Left In: 1063.241+/-0.467 χ^2/NDF : 11583.2/2

1051.454+/-0.254 χ^2/NDF : 65760.4/13

1054.187+/-0.248 χ^2/NDF : 26959.0/14

diff_bpm2i02Y_mean vs slug



Right In: 110.199 ± 0.415 $\chi^2/\text{NDF}: 13303.9/9$

Left Out: -30.153 ± 0.752 $\chi^2/\text{NDF}: 2069.7/3$

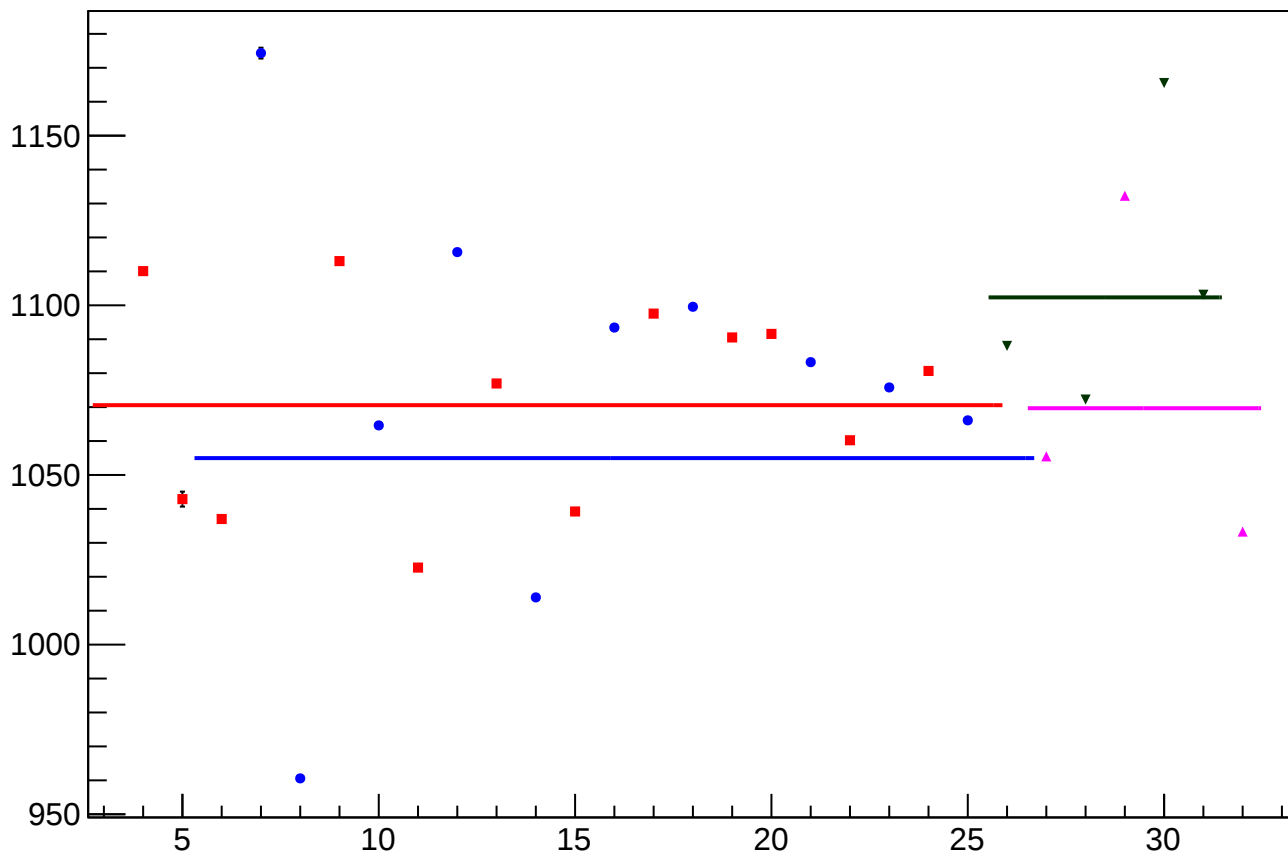
Right Out: 24.160 ± 0.423 $\chi^2/\text{NDF}: 1842.7/11$

Left In: 70.976 ± 0.664 $\chi^2/\text{NDF}: 2095.9/2$

77.452 ± 0.363 $\chi^2/\text{NDF}: 42058.7/13$

37.671 ± 0.357 $\chi^2/\text{NDF}: 7474.2/14$

diff_bpm2i02Y_rms vs slug



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

Left Out: 1102.335+/-0.532 χ^2/NDF : 4537.4/3

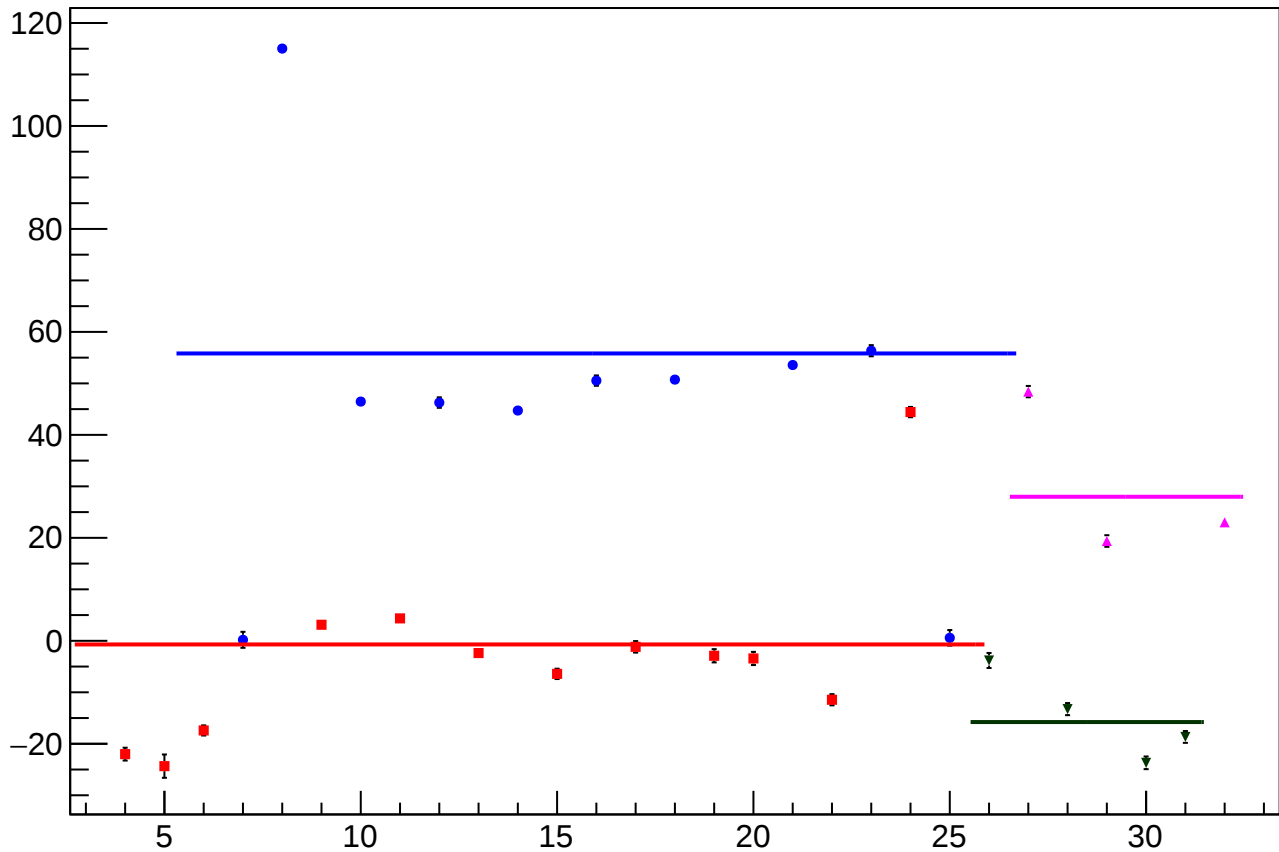
Right Out: 1070.566+/-0.299 χ^2/NDF : 10075.5/11

Left In: 1069.676+/-0.470 χ^2/NDF : 7706.5/2

1066.021+/-0.257 χ^2/NDF : 46155.0/13

1070.309+/-0.252 χ^2/NDF : 17784.6/14

diff_bpm1i04X_mean vs slug



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

Left Out: -15.780 $\pm$ 0.619 χ^2 /NDF:119.2/3

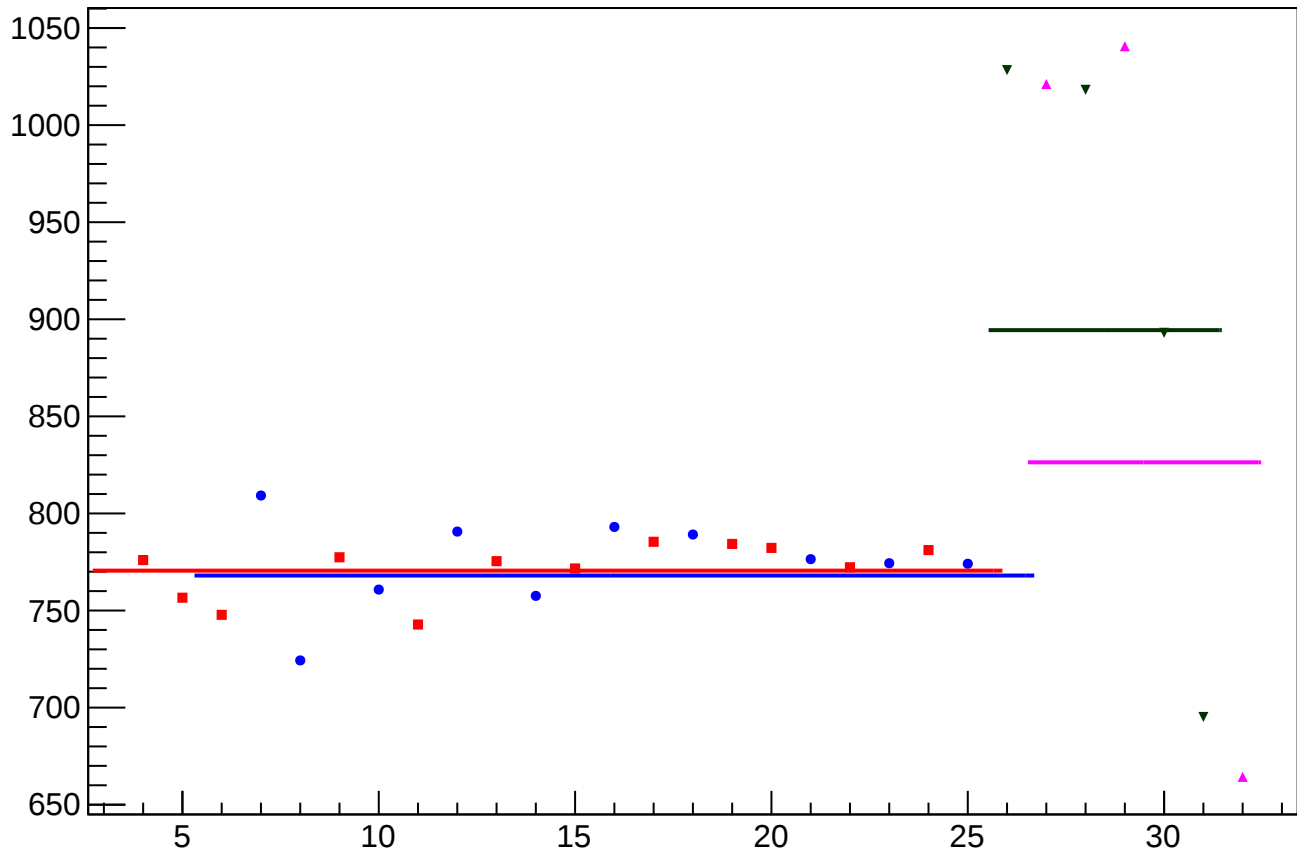
Right Out: -0.705 $\pm$ 0.304 χ^2 /NDF: 2908.1/11

Left In: 27.979 $\pm$ 0.524 χ^2 /NDF:451.2/2

42.086 $\pm$ 0.271 χ^2 /NDF: 20138.9/13

6.515 $\pm$ 0.263 χ^2 /NDF: 5598.1/14

diff_bpm1i04X_rms vs slug



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

Left Out: 894.409+/-0.438 χ^2/NDF : 99156.4/3

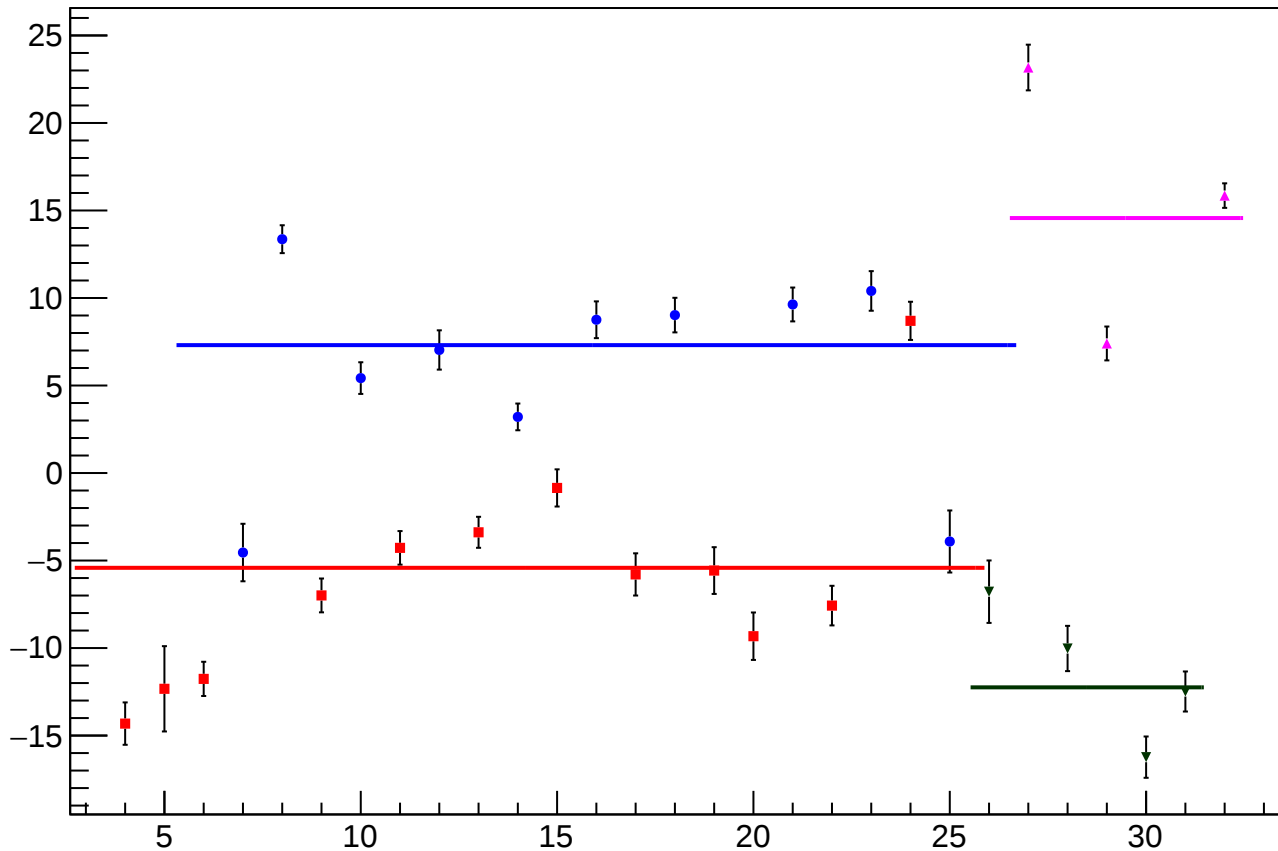
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

Left In: 826.333+/-0.371 χ^2/NDF : 241024.5/2

792.263+/-0.192 χ^2/NDF : 178619.2/13

784.591+/-0.186 χ^2/NDF : 262217.6/14

diff_bpm1i04Y_mean vs slug



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

Left Out: -12.246 ± 0.646 χ^2/NDF : 23.8/3

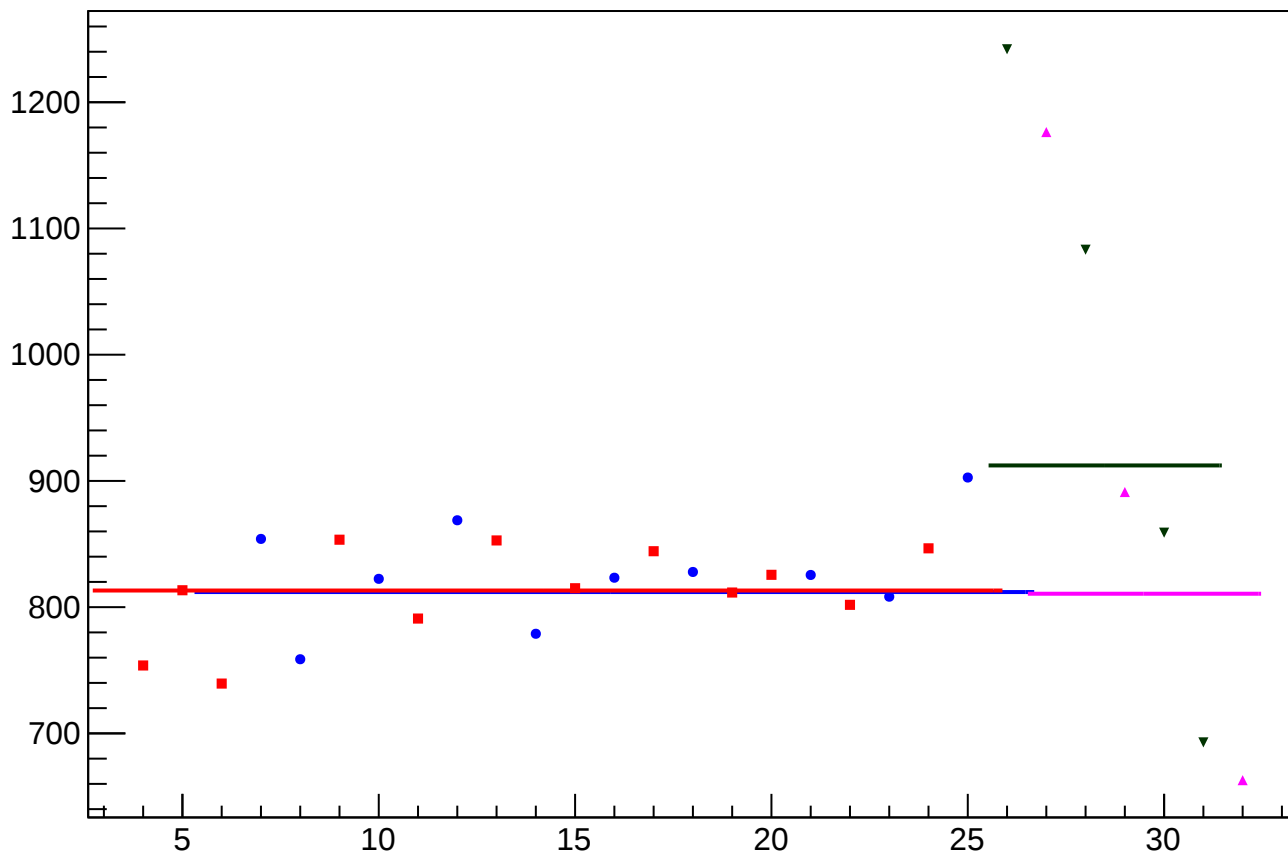
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 14.568 ± 0.520 χ^2/NDF : 101.6/2

3.461 ± 0.287 χ^2/NDF : 960.3/13

0.122 ± 0.274 χ^2/NDF : 1478.9/14

diff_bpm1i04Y_rms vs slug



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

Left Out: 912.270 $\pm$ 0.457 χ^2 /NDF:180832.4/3

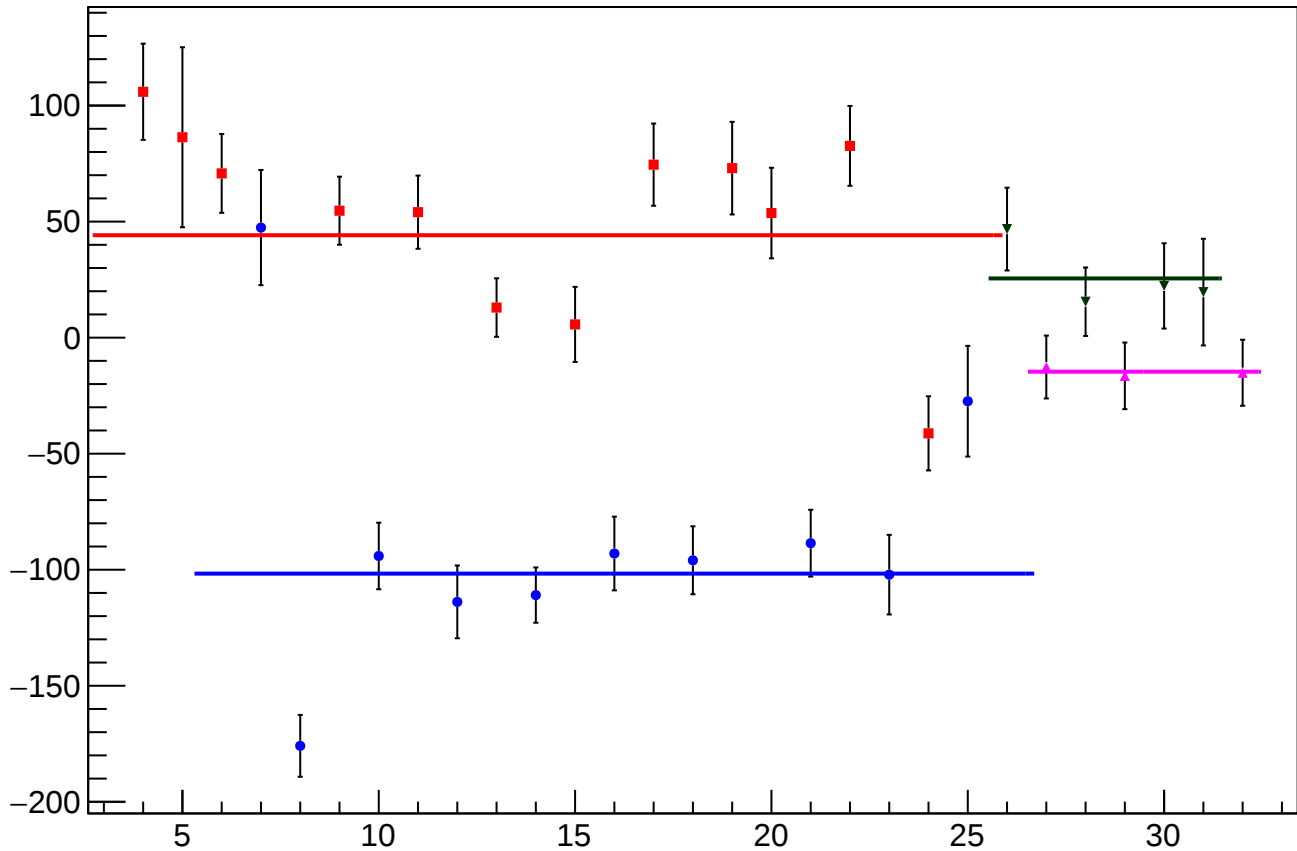
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

Left In: 810.637 $\pm$ 0.368 χ^2 /NDF:259706.3/2

831.701 $\pm$ 0.203 χ^2 /NDF: 245320.9/13

812.481 $\pm$ 0.194 χ^2 /NDF: 288072.1/14

diff_bpm0l02X_mean vs slug



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

Left Out: 25.518 $\pm$ 8.910 χ^2 /NDF: 2.0/3

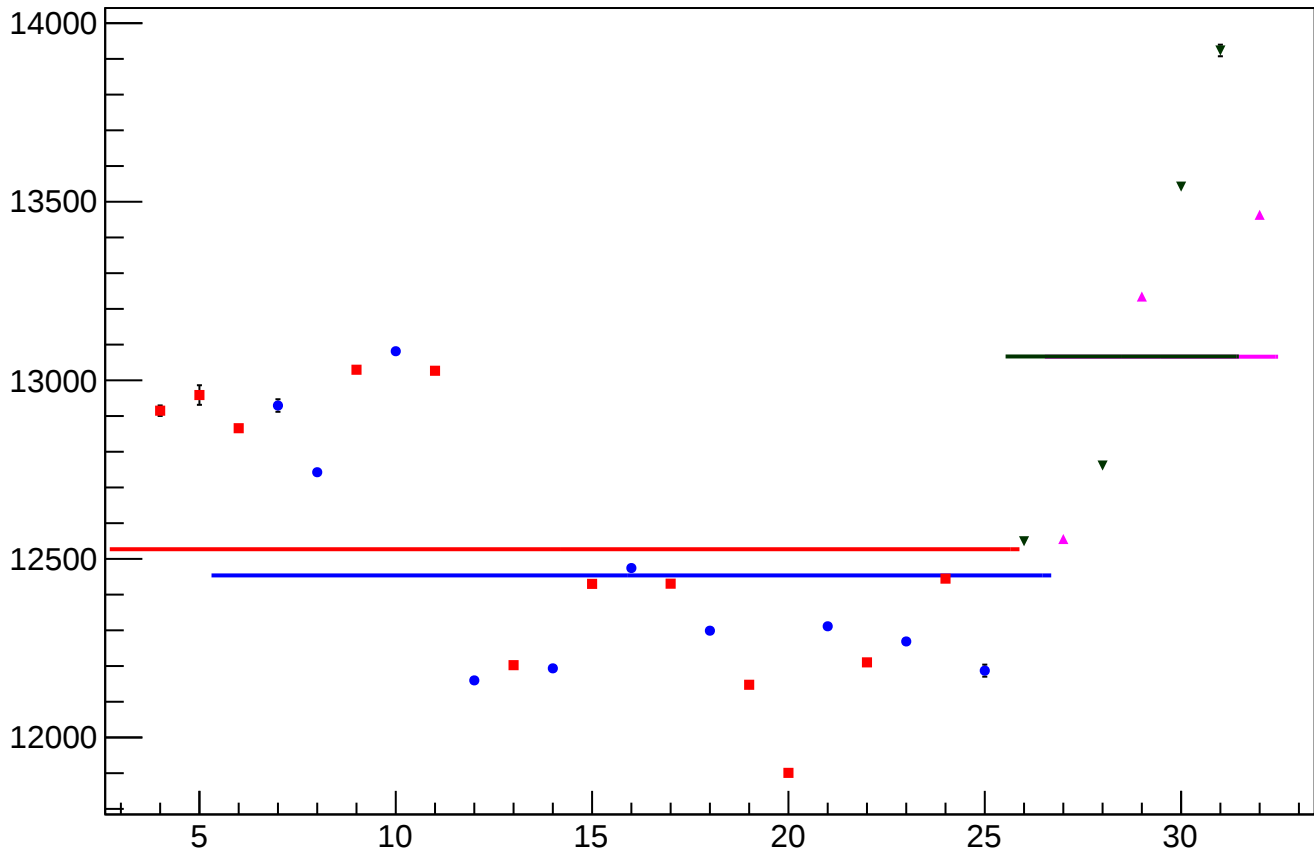
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

Left In: -14.669 $\pm$ 8.101 χ^2 /NDF: 0.0/2

-72.240 $\pm$ 4.286 χ^2 /NDF: 238.2/13

28.175 $\pm$ 4.221 χ^2 /NDF: 102.5/14

diff_bpm0l02X_rms vs slug



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

Left Out: 13066.769+/-6.300 χ^2/NDF : 6659.7/3

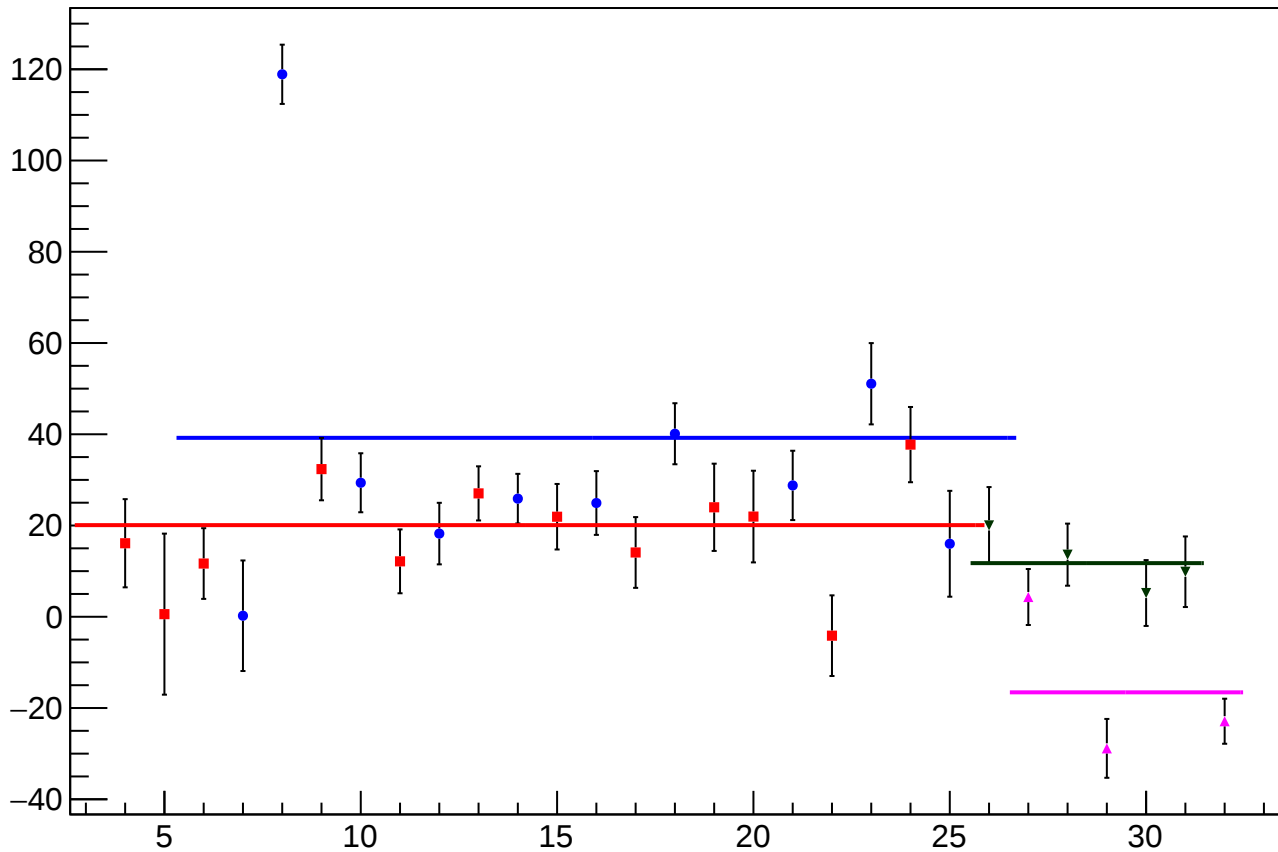
Right Out: 12527.068+/-3.497 χ^2/NDF : 11080.0/11

Left In: 13066.128+/-5.728 χ^2/NDF : 4673.4/2

12595.585+/-3.031 χ^2/NDF : 22007.7/13

12673.428+/-2.985 χ^2/NDF : 22204.6/14

diff_bpm0l02Y_mean vs slug



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

Left Out: 11.757 $\pm$ 3.735 χ^2 /NDF: 1.9/3

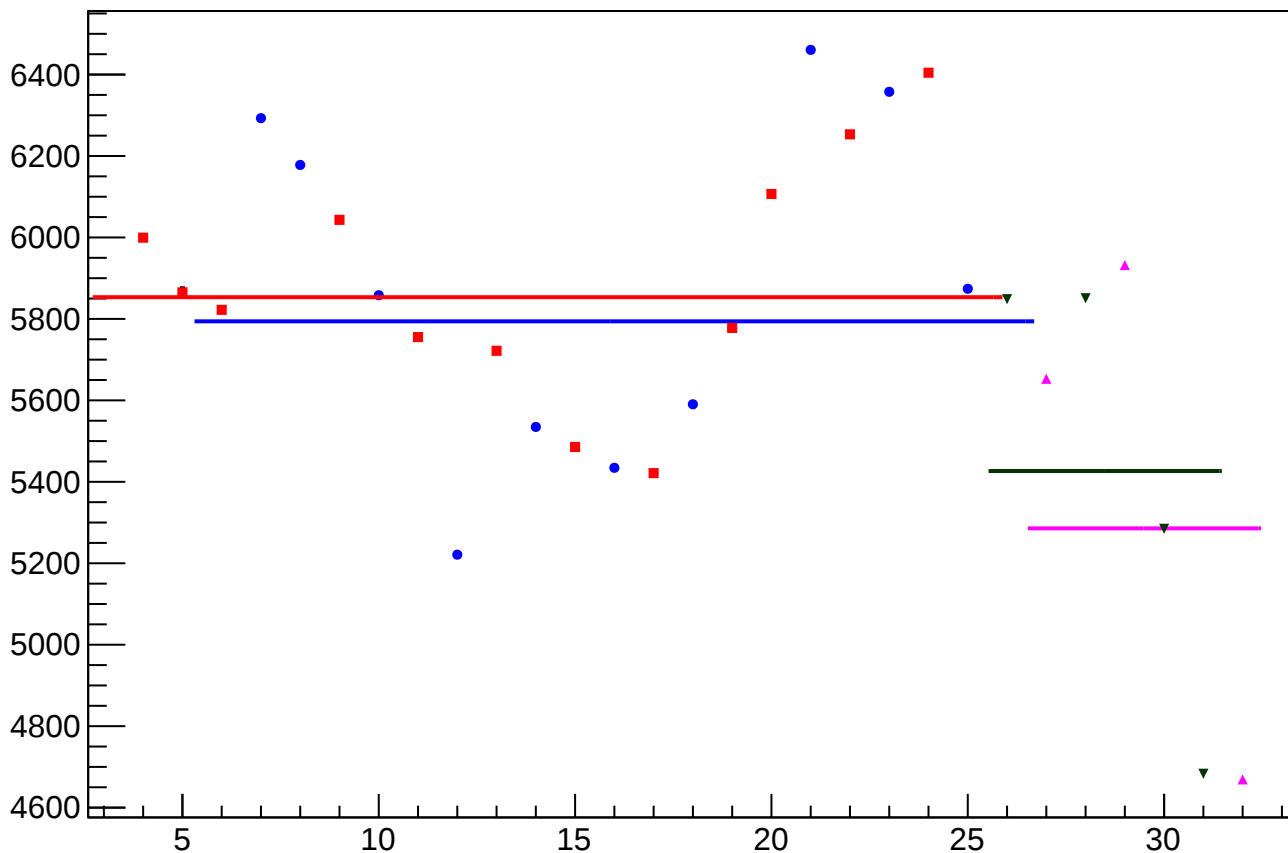
Right Out: 20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

Left In: -16.564 $\pm$ 3.303 χ^2 /NDF: 16.9/2

31.709 $\pm$ 1.953 χ^2 /NDF: 232.0/13

7.950 $\pm$ 1.901 χ^2 /NDF: 120.6/14

diff_bpm0l02Y_rms vs slug



Right In: 5794.071 $\pm$ 1.620 χ^2 /NDF: 60209.2/9

Left Out: 5426.504 $\pm$ 2.641 χ^2 /NDF: 32057.6/3

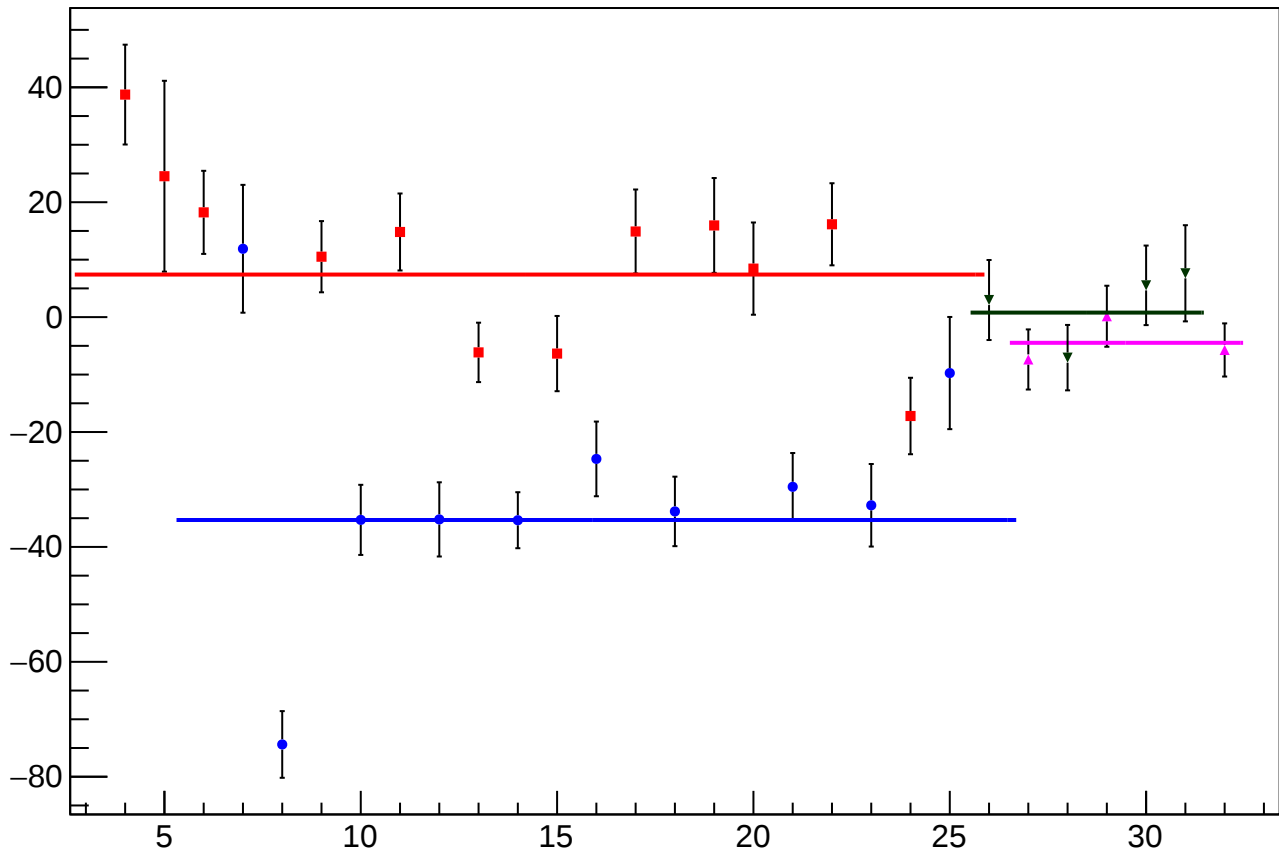
Right Out: 5853.344 $\pm$ 1.643 χ^2 /NDF: 29282.6/11

Left In: 5285.690 $\pm$ 2.336 χ^2 /NDF: 58444.8/2

5693.557 $\pm$ 1.381 χ^2 /NDF: 106338.5/13

5665.408 $\pm$ 1.344 χ^2 /NDF: 127231.2/14

diff_bpm0l03X_mean vs slug



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

Left Out: 0.787 ± 3.398 χ^2/NDF : 3.1/3

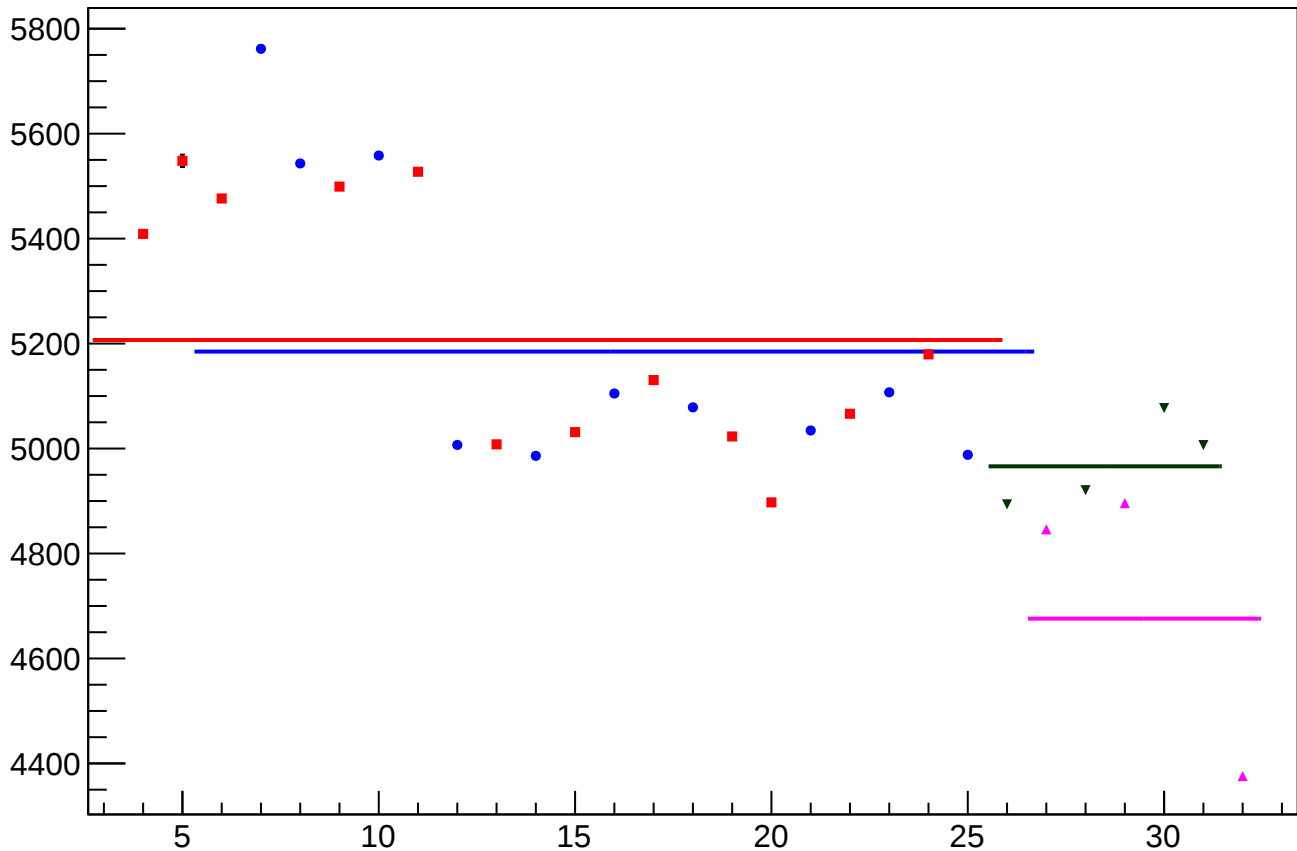
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

Left In: -4.472 ± 2.902 χ^2/NDF : 1.1/2

-25.755 ± 1.749 χ^2/NDF : 160.1/13

3.434 ± 1.679 χ^2/NDF : 58.7/14

diff_bpm0l03X_rms vs slug



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

Left Out: 4966.107+/-2.403 χ^2/NDF : 904.9/3

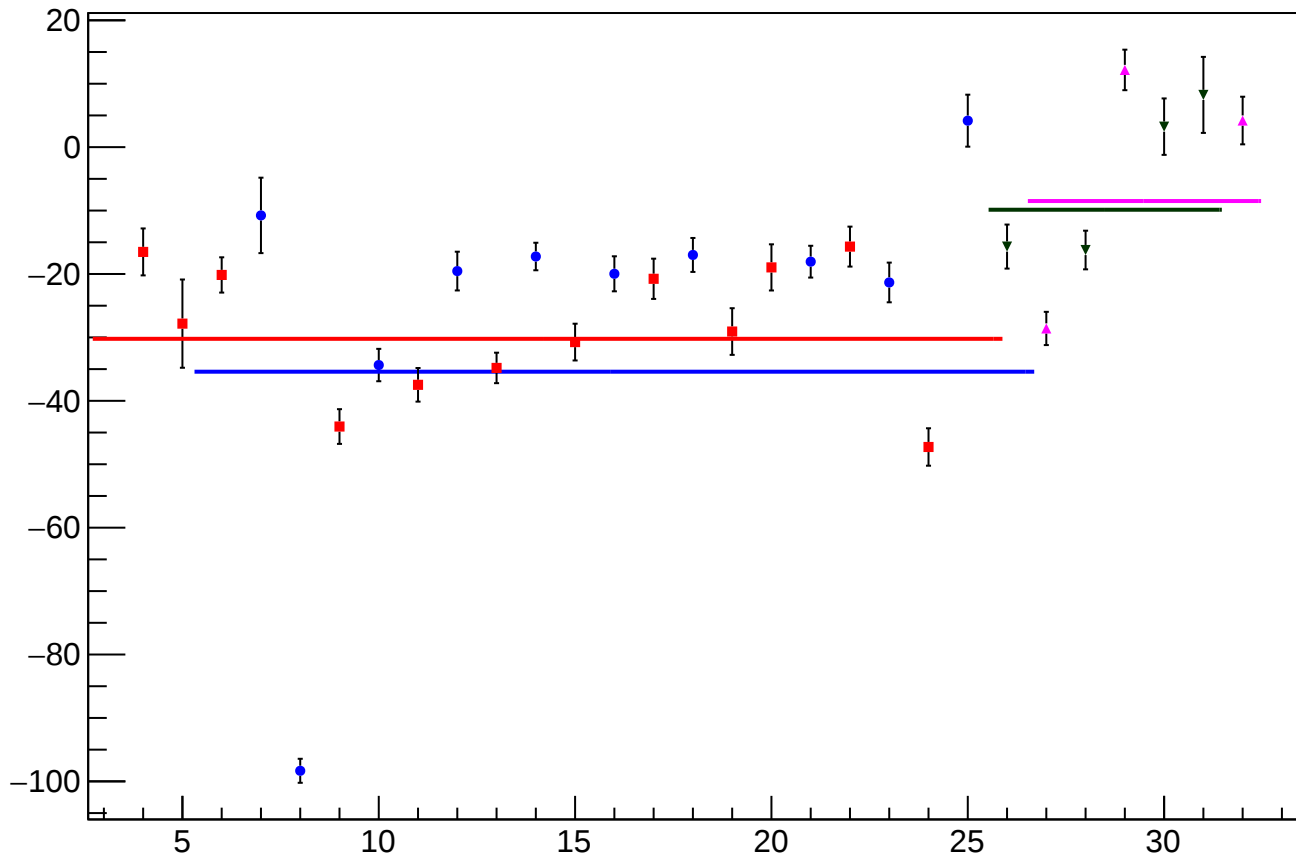
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4675.912+/-2.052 χ^2/NDF : 13966.6/2

5126.870+/-1.236 χ^2/NDF : 35607.2/13

5029.207+/-1.187 χ^2/NDF : 81624.1/14

diff_bpm0l03Y_mean vs slug



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

Left Out: -9.869 ± 1.928 χ^2/NDF : 24.9/3

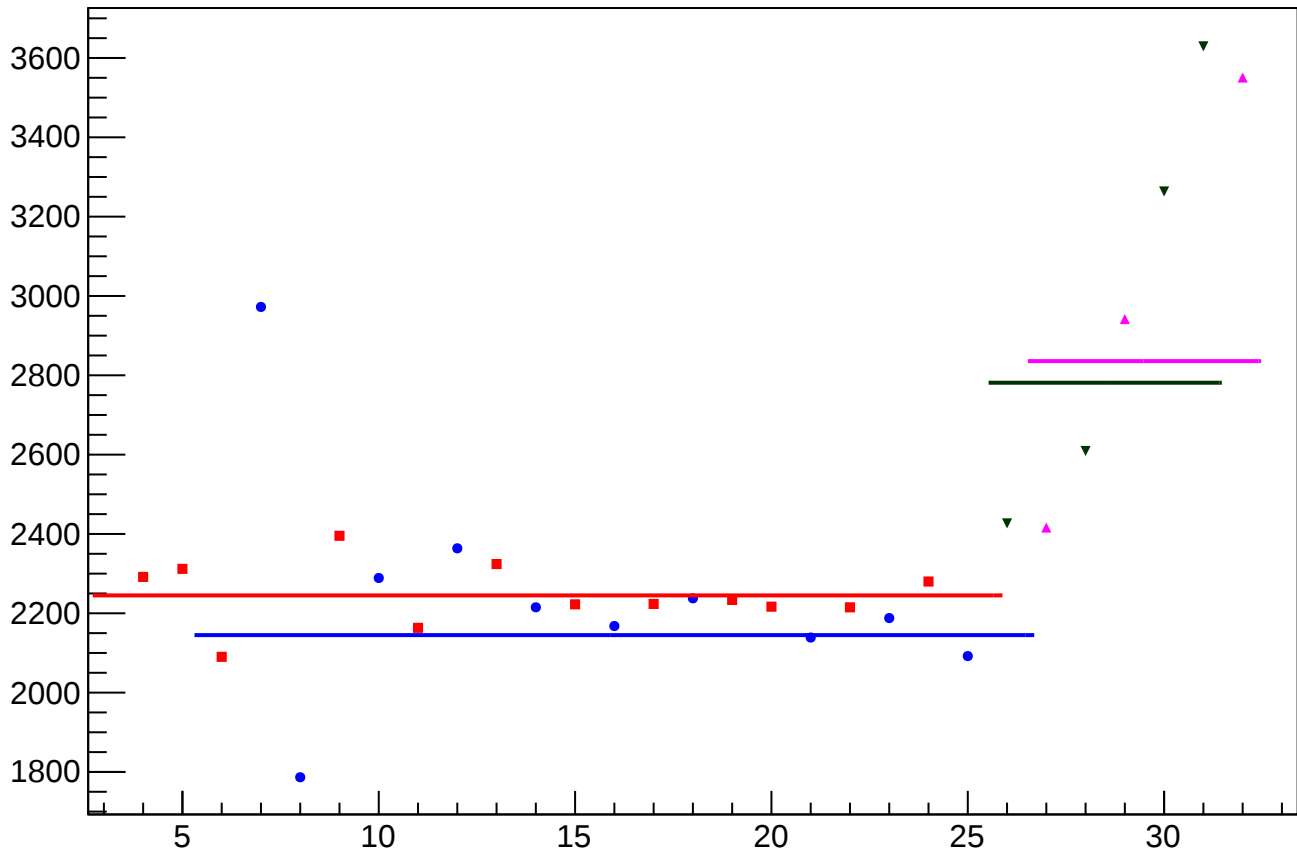
Right Out: -30.222 ± 0.893 χ^2/NDF : 136.9/11

Left In: -8.498 ± 1.783 χ^2/NDF : 112.1/2

-31.220 ± 0.781 χ^2/NDF : 1630.9/13

-25.869 ± 0.798 χ^2/NDF : 367.7/14

diff_bpm0l03Y_rms vs slug



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

Left Out: 2781.301+/-1.363 χ^2/NDF : 90770.7/3

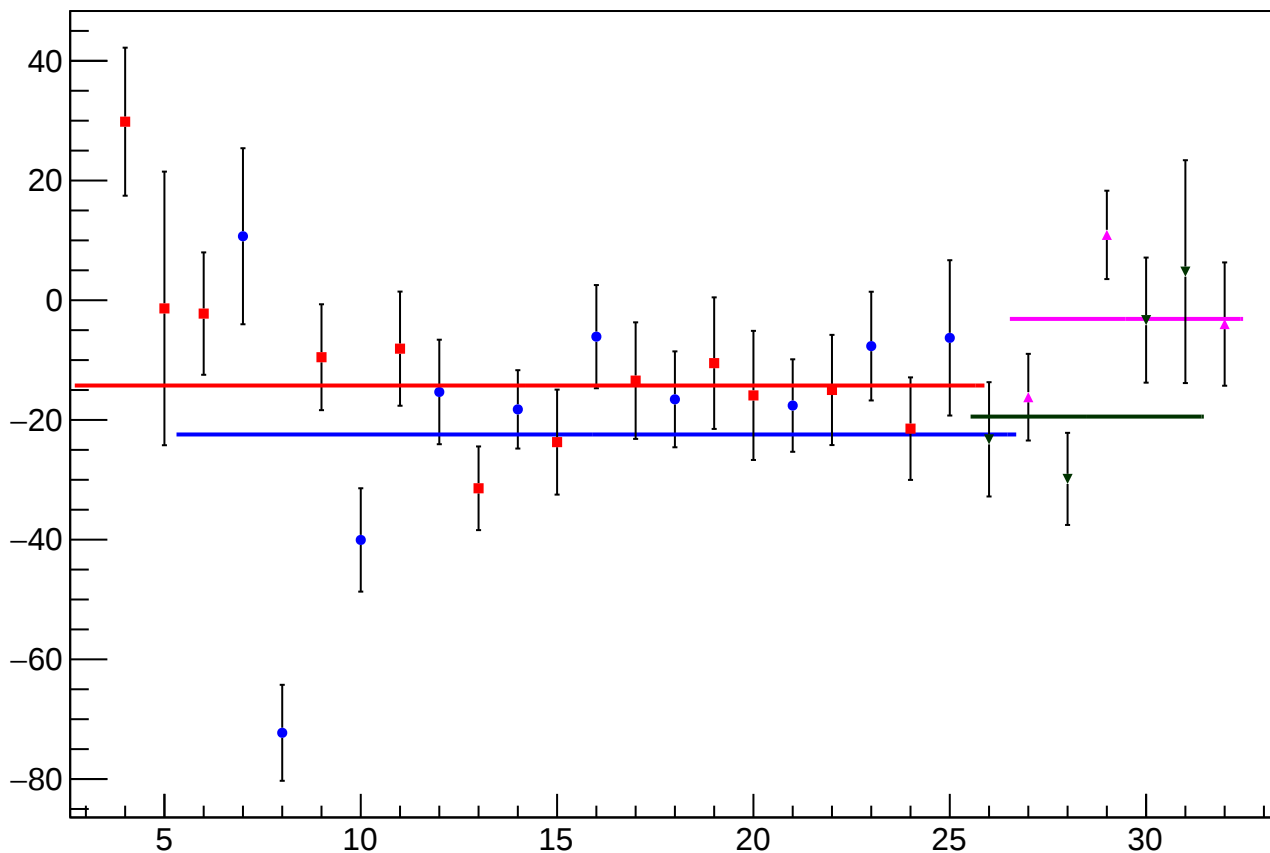
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

Left In: 2835.791+/-1.261 χ^2/NDF : 125999.5/2

2249.304+/-0.552 χ^2/NDF : 405231.8/13

2363.482+/-0.564 χ^2/NDF : 319132.2/14

diff_bpm0l04X_mean vs slug



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

Left Out: -19.440 ± 5.006 χ^2/NDF : 6.1/3

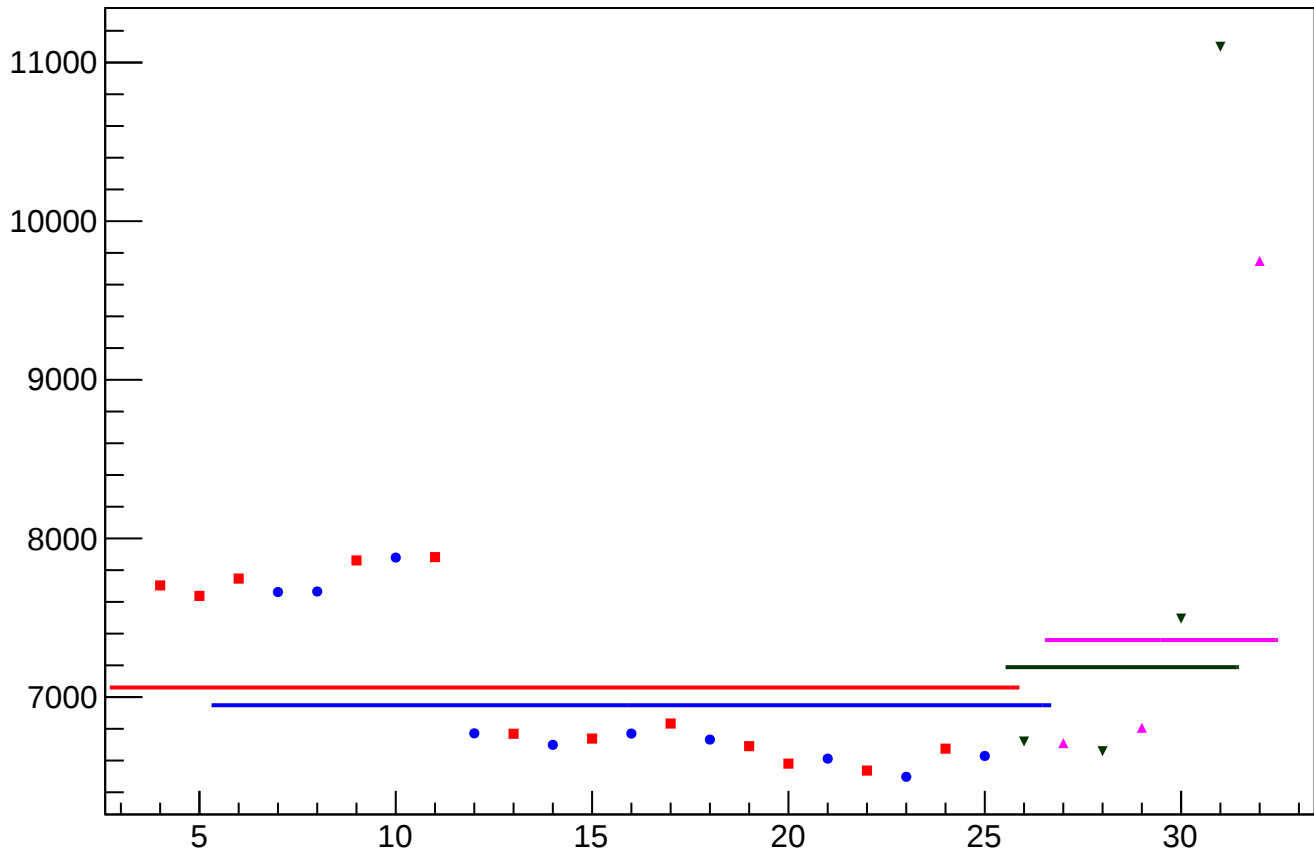
Right Out: -14.248 ± 2.794 χ^2/NDF : 23.2/11

Left In: -3.121 ± 4.620 χ^2/NDF : 6.9/2

-21.743 ± 2.399 χ^2/NDF : 64.0/13

-11.269 ± 2.391 χ^2/NDF : 34.3/14

diff_bpm0l04X_rms vs slug



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

Left Out: 7188.546+/-3.540 χ^2/NDF : 104274.2/3

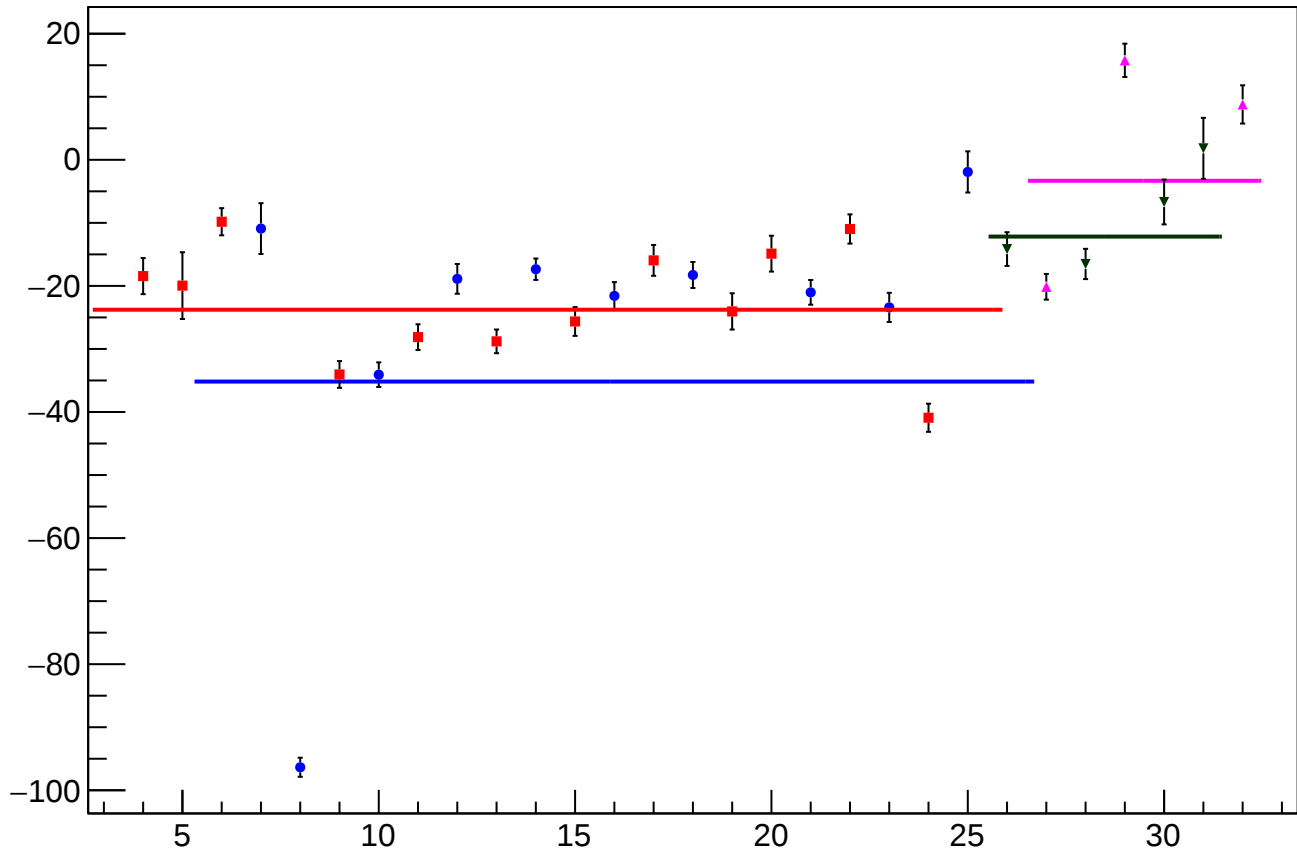
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 7359.355+/-3.267 χ^2/NDF : 134955.7/2

7003.701+/-1.696 χ^2/NDF : 167753.3/13

7140.370+/-1.691 χ^2/NDF : 212073.0/14

diff_bpm0l04Y_mean vs slug



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

-31.478+/-0.607 χ^2/NDF : 2325.1/13

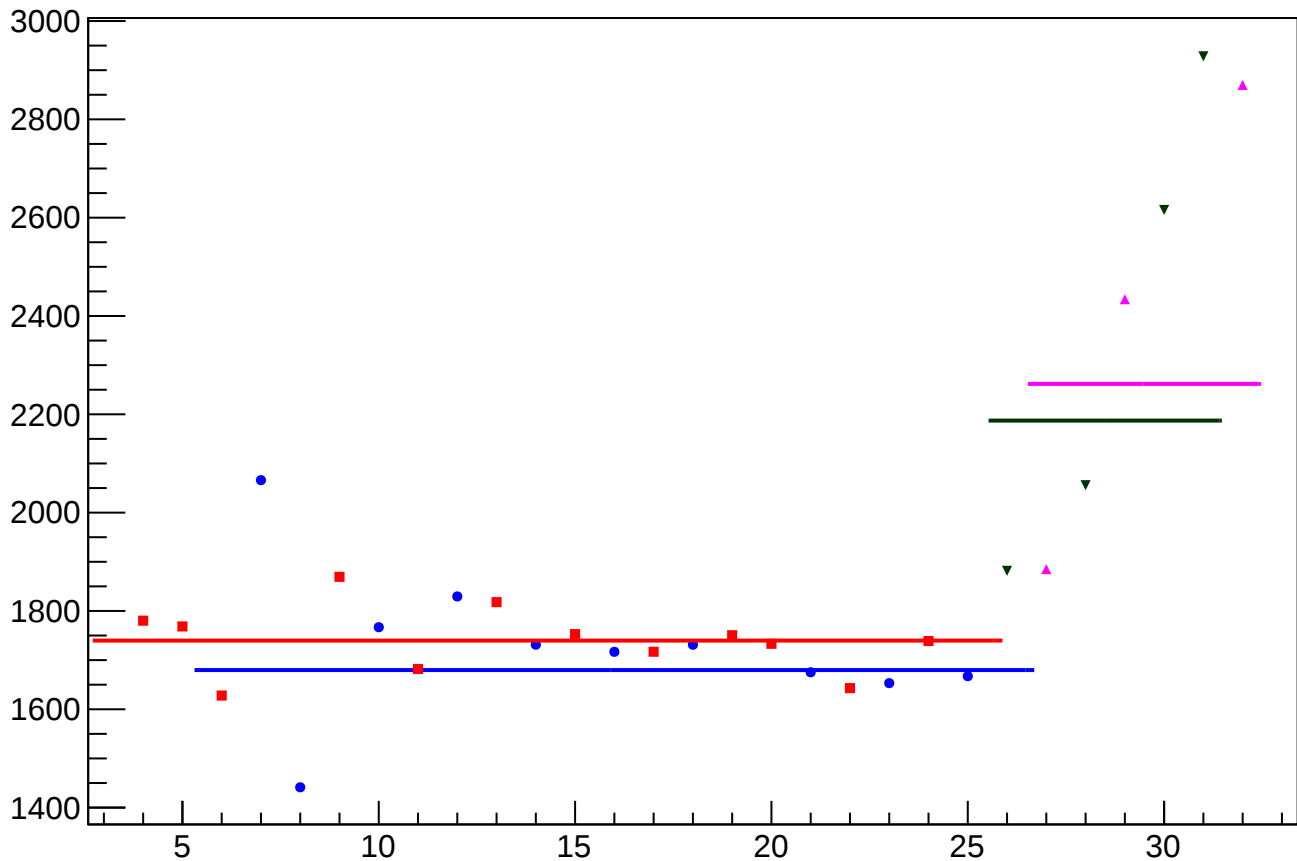
Left Out: -12.176+/-1.515 χ^2/NDF : 14.6/3

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

-19.908+/-0.620 χ^2/NDF : 494.4/14

Left In: -3.328+/-1.425 χ^2/NDF : 136.2/2

diff_bpm0l04Y_rms vs slug



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

Left Out: 2187.210+/-1.072 χ^2/NDF :108107.8/3

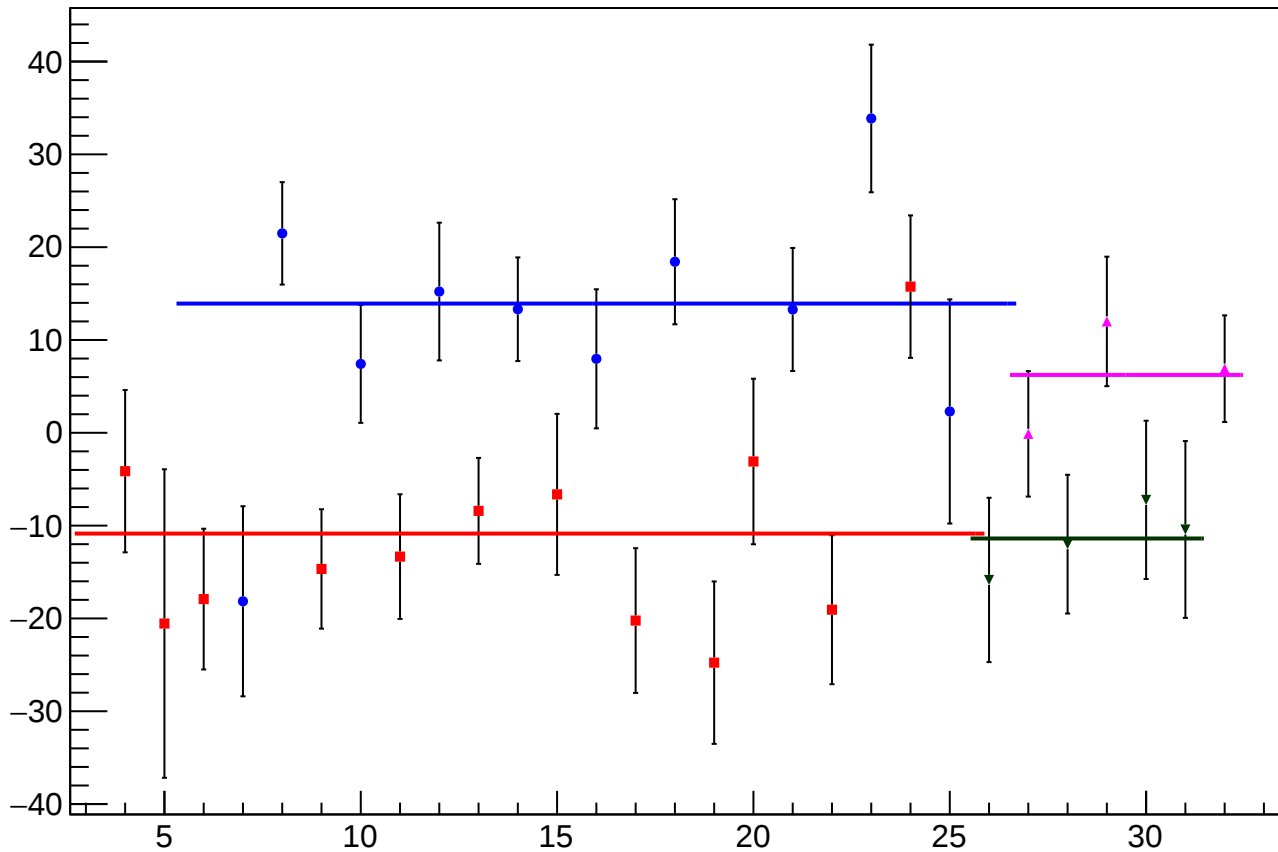
Right Out: 1739.740+/-0.487 χ^2/NDF : 22147.7/11

Left In: 2261.838+/-1.008 χ^2/NDF :157266.6/2

1761.302+/-0.430 χ^2/NDF : 380400.6/13

1838.561+/-0.438 χ^2/NDF : 397123.5/14

diff_bpm0l05X_mean vs slug



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

Left Out: -11.387 ± 4.247 $\chi^2/\text{NDF}: 0.5/3$

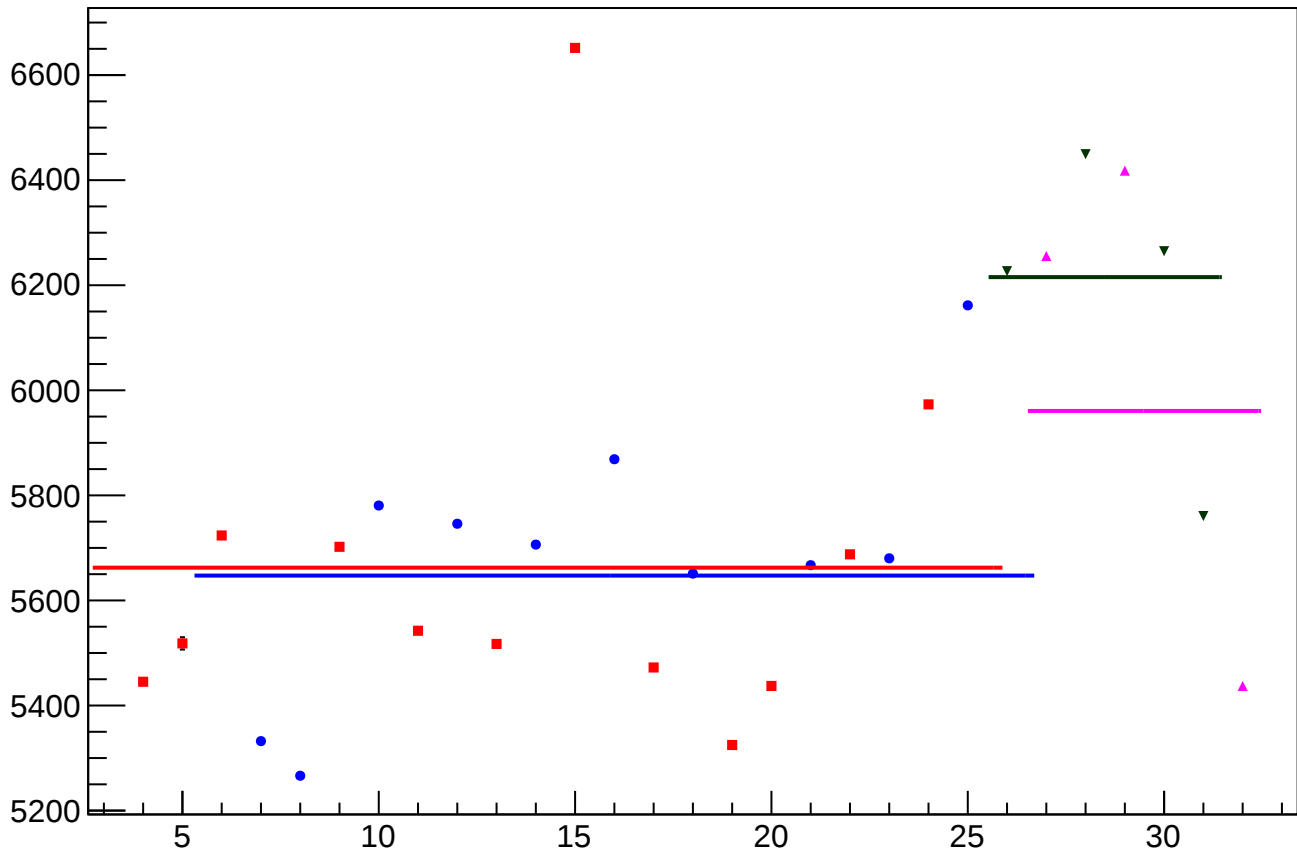
Right Out: -10.857 ± 2.241 $\chi^2/\text{NDF}: 20.5/11$

Left In: 6.234 ± 3.708 $\chi^2/\text{NDF}: 1.6/2$

8.487 ± 1.968 $\chi^2/\text{NDF}: 49.5/13$

-6.283 ± 1.918 $\chi^2/\text{NDF}: 37.6/14$

diff_bpm0l05X_rms vs slug



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

Left Out: 6215.439+/-3.003 χ^2/NDF : 6589.8/3

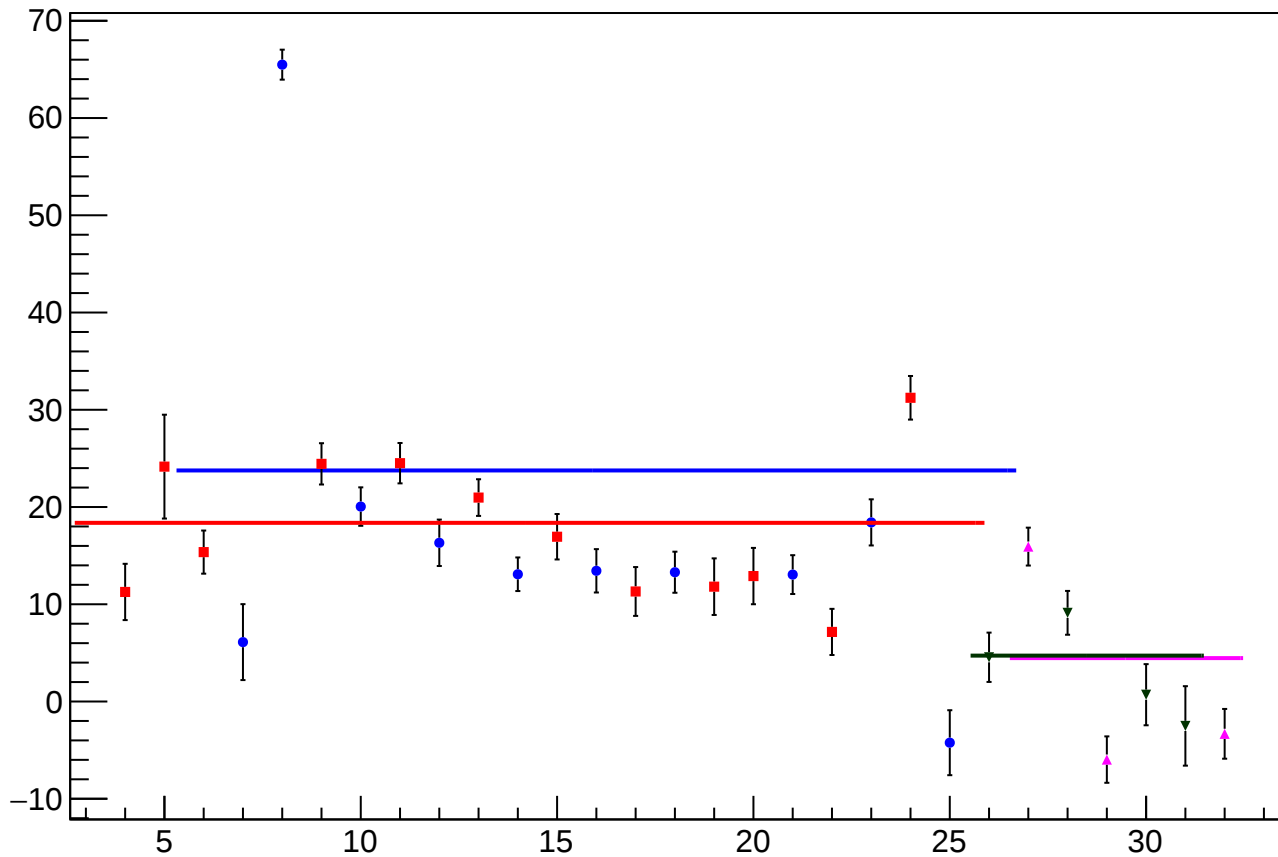
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

Left In: 5960.689+/-2.622 χ^2/NDF : 29001.5/2

5769.333+/-1.392 χ^2/NDF : 53006.3/13

5742.213+/-1.356 χ^2/NDF : 76758.6/14

diff_bpm0l05Y_mean vs slug



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

Left Out: 4.719 $\pm$ 1.396 χ^2 /NDF: 8.6/3

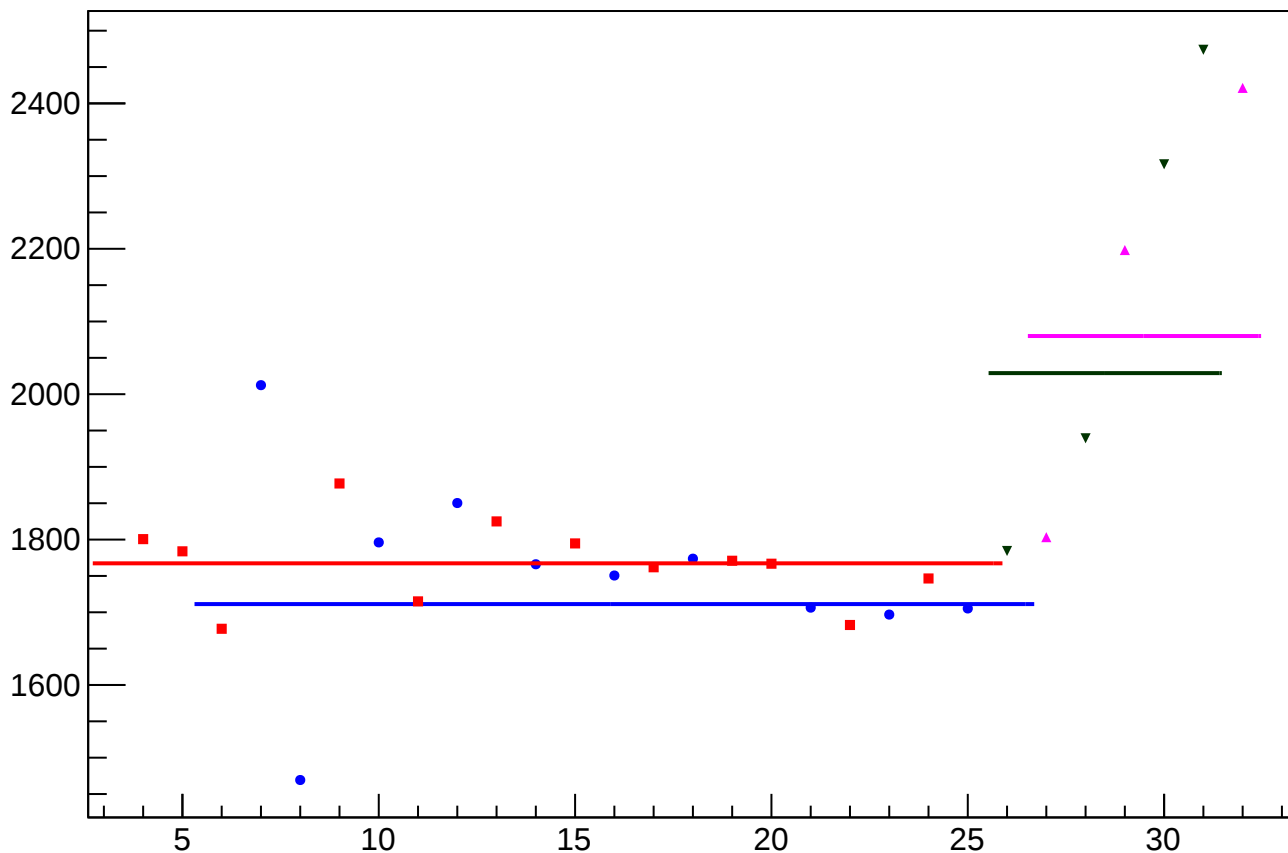
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: 4.463 $\pm$ 1.300 χ^2 /NDF: 63.0/2

20.152 $\pm$ 0.607 χ^2 /NDF: 1114.2/13

15.255 $\pm$ 0.615 χ^2 /NDF: 251.9/14

diff_bpm0l05Y_rms vs slug



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

Left Out: 2029.000+/-0.987 χ^2/NDF : 62179.1/3

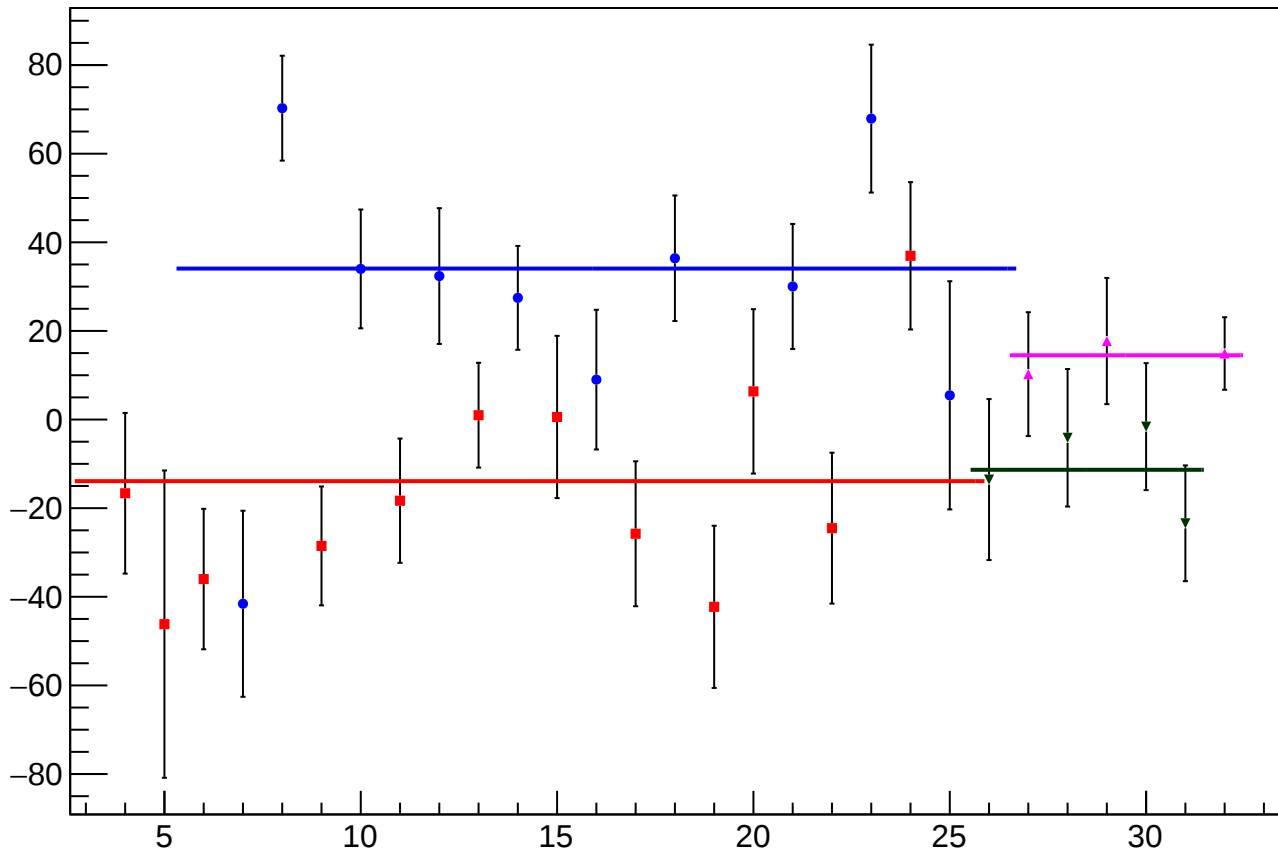
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

Left In: 2080.013+/-0.919 χ^2/NDF : 80837.6/2

1771.472+/-0.430 χ^2/NDF : 222338.5/13

1837.416+/-0.435 χ^2/NDF : 185710.2/14

diff_bpm0l06X_mean vs slug



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

Left Out: -11.340 ± 7.471 χ^2/NDF : 1.5/3

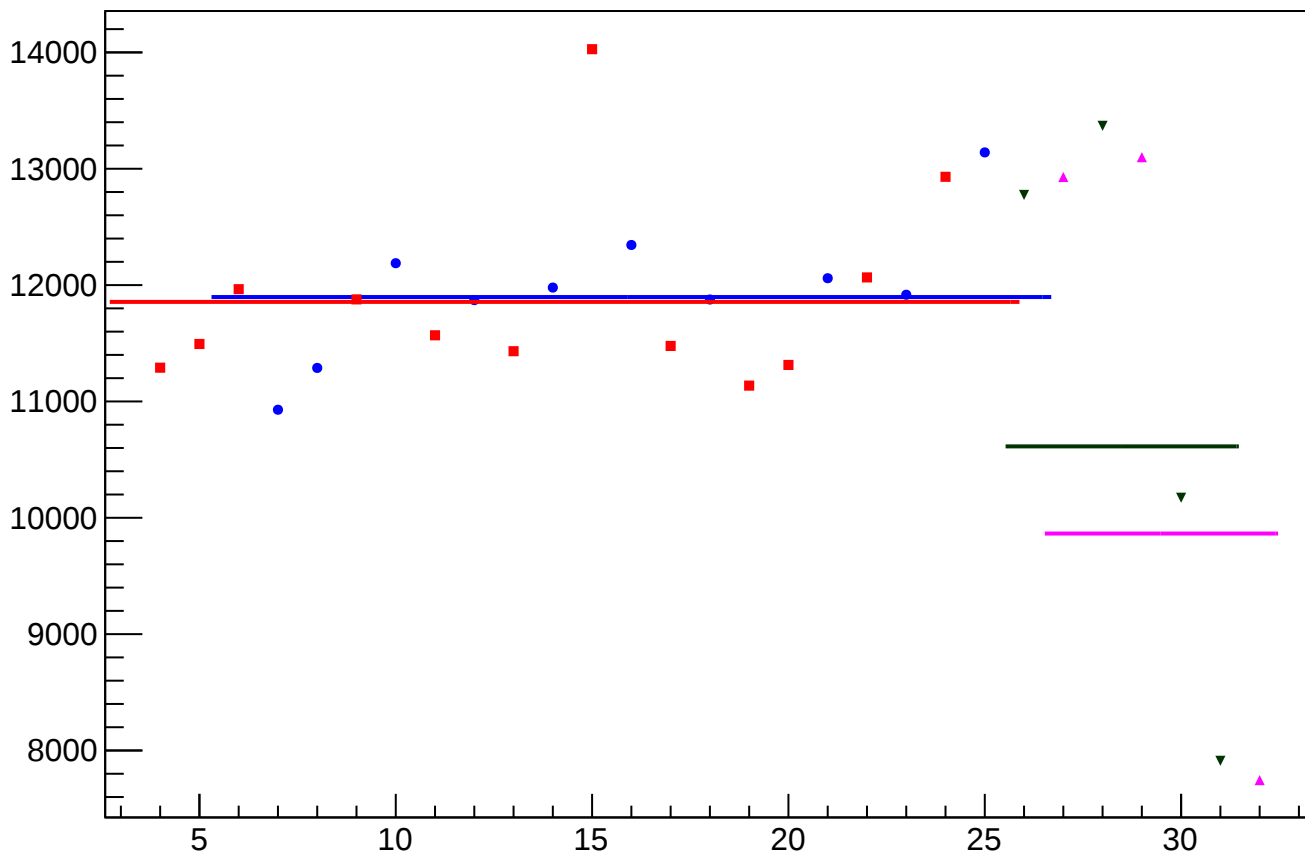
Right Out: -13.904 ± 4.697 χ^2/NDF : 20.2/11

Left In: 14.505 ± 6.329 χ^2/NDF : 0.1/2

21.270 ± 3.967 χ^2/NDF : 58.7/13

-3.812 ± 3.772 χ^2/NDF : 33.3/14

diff_bpm0l06X_rms vs slug



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

Left Out: 10613.760+/-5.283 χ^2/NDF :178837.0/3

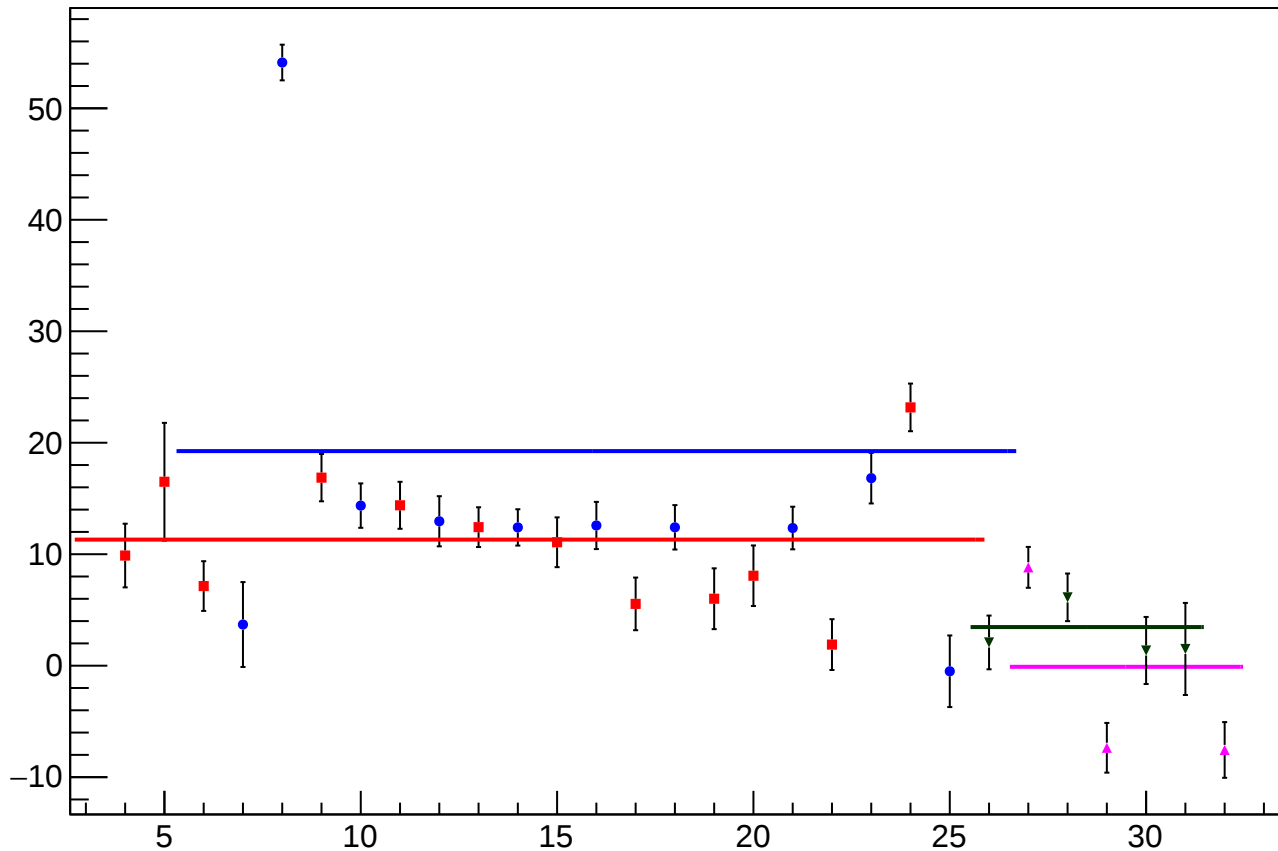
Right Out: 11855.642+/-3.322 χ^2/NDF : 48354.6/11

Left In: 9864.707+/-4.475 χ^2/NDF :333303.5/2

11535.552+/-2.805 χ^2/NDF : 238378.8/13

11148.433+/-2.667 χ^2/NDF : 509282.7/14

diff_bpm0l06Y_mean vs slug



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

Left Out: 3.465 $\pm$ 1.336 χ^2 /NDF: 2.6/3

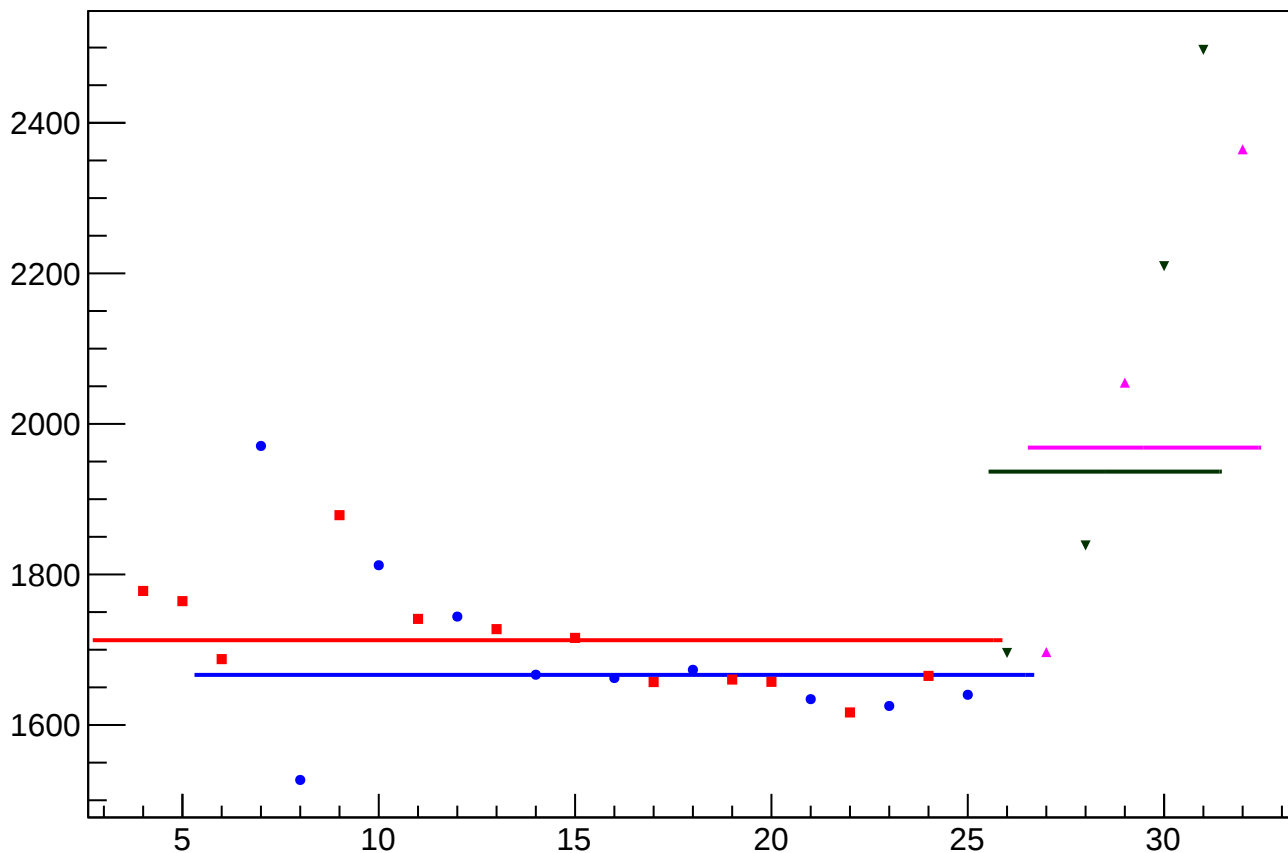
Right Out: 11.311 $\pm$ 0.677 χ^2 /NDF: 73.1/11

Left In: -0.100 $\pm$ 1.232 χ^2 /NDF: 43.2/2

16.183 $\pm$ 0.589 χ^2 /NDF: 711.4/13

8.665 $\pm$ 0.593 χ^2 /NDF: 182.2/14

diff_bpm0l06Y_rms vs slug



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

Left Out: 1936.632+/-0.944 χ^2/NDF : 77480.5/3

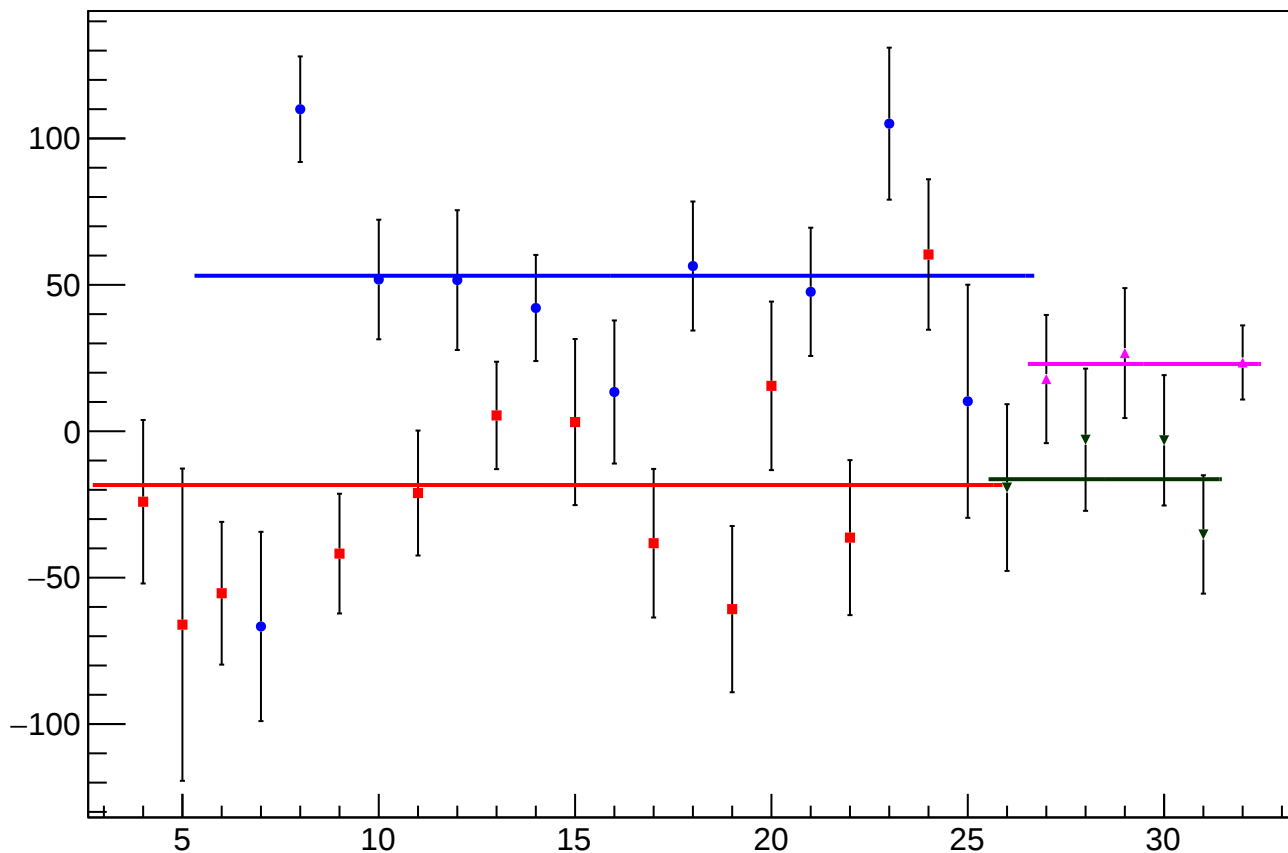
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

Left In: 1968.505+/-0.871 χ^2/NDF : 97227.7/2

1719.034+/-0.416 χ^2/NDF : 185800.4/13

1771.974+/-0.419 χ^2/NDF : 184949.1/14

diff_bpm0l07X_mean vs slug



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

Left Out: -16.378 $\pm$ 11.628 χ^2 /NDF:1.5/3

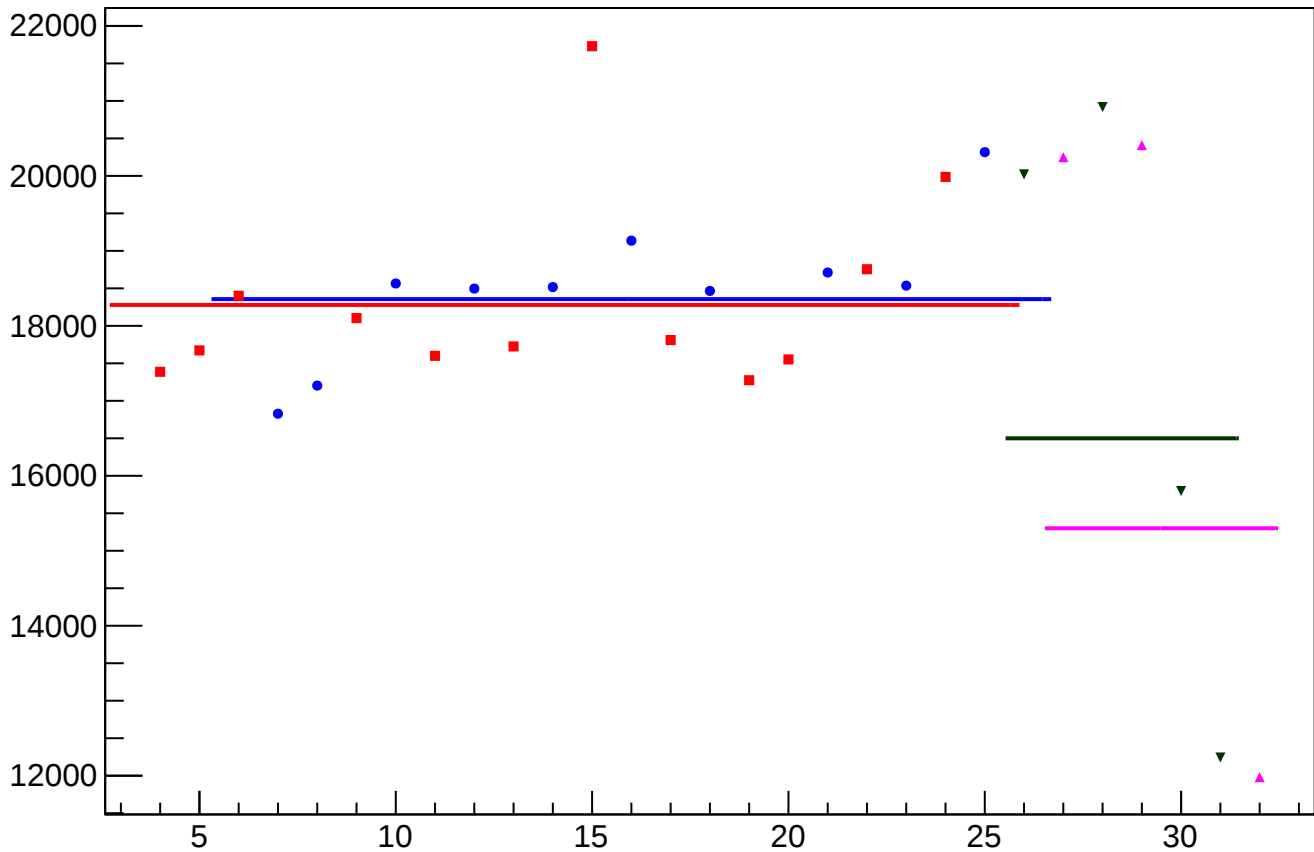
Right Out: -18.361 $\pm$ 7.243 χ^2 /NDF: 20.8/11

Left In: 22.982 $\pm$ 9.829 χ^2 /NDF:0.1/2

33.762 $\pm$ 6.136 χ^2 /NDF: 59.3/13

-3.812 $\pm$ 5.831 χ^2 /NDF: 32.3/14

diff_bpm0l07X_rms vs slug



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

Left Out: 16499.777+/-8.223 χ^2/NDF : 187487.8/3

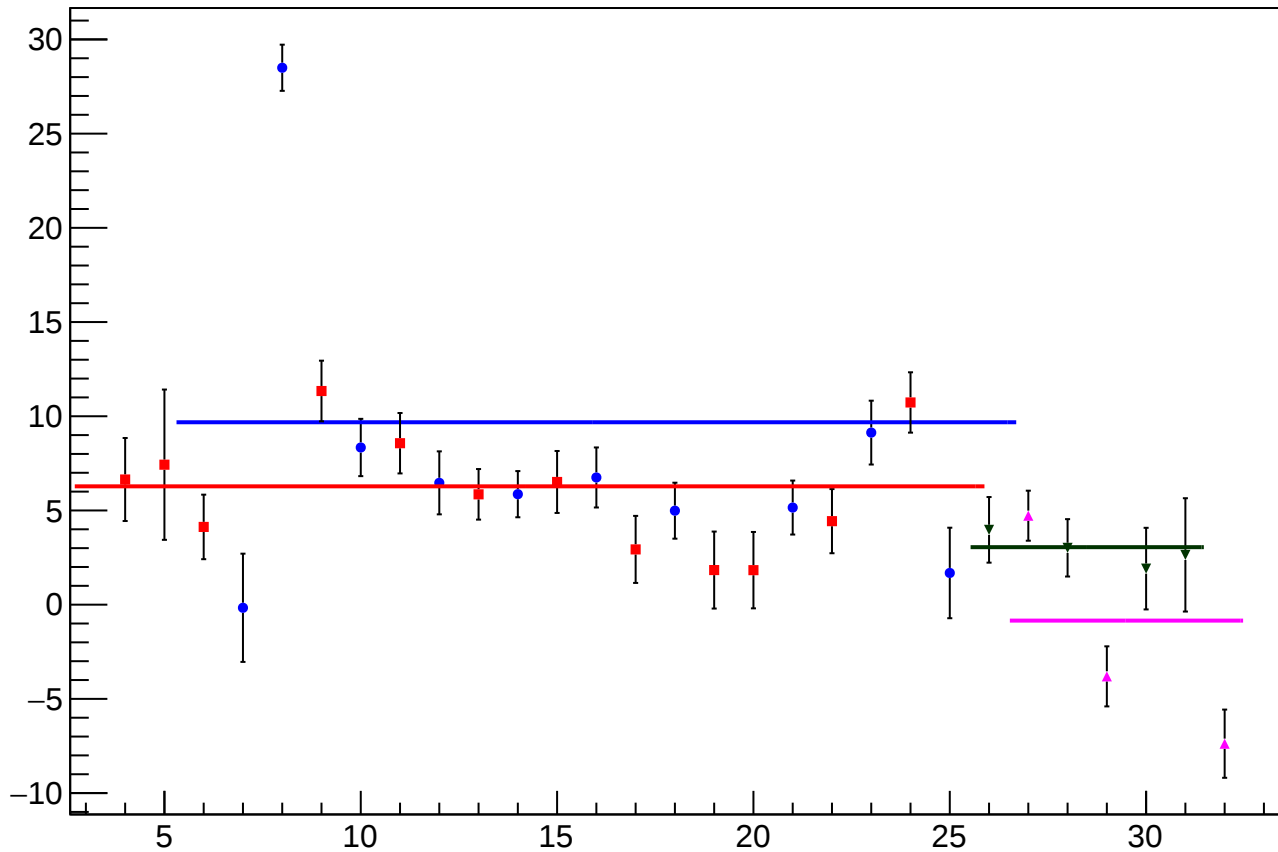
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 15300.410+/-6.950 χ^2/NDF : 345648.4/2

17839.543+/-4.339 χ^2/NDF : 244926.1/13

17230.672+/-4.123 χ^2/NDF : 514567.3/14

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.052 $\pm$ 0.960 χ^2 /NDF: 0.6/3

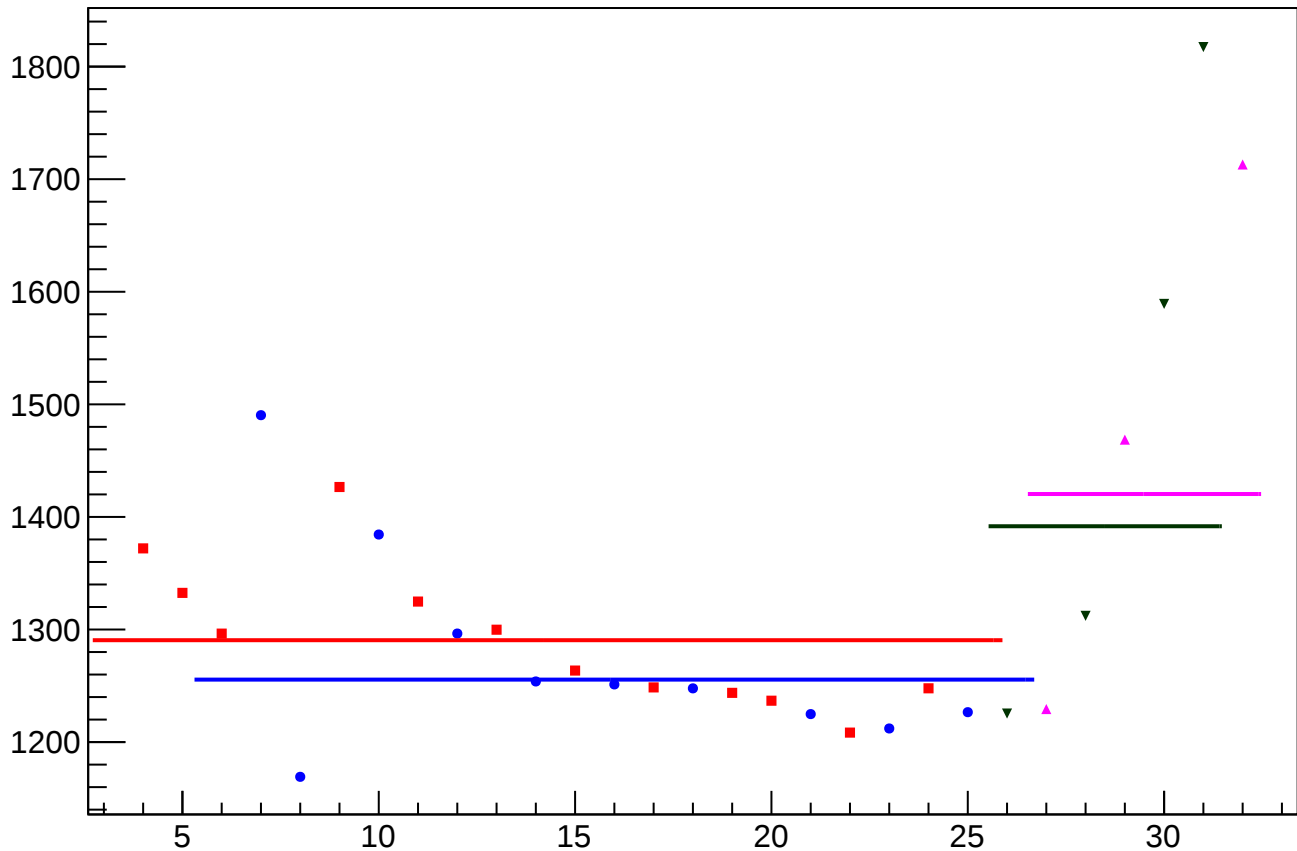
Right Out: 6.280 $\pm$ 0.510 χ^2 /NDF: 35.7/11

Left In: -0.846 $\pm$ 0.889 χ^2 /NDF: 34.1/2

8.294 $\pm$ 0.439 χ^2 /NDF: 334.5/13

4.515 $\pm$ 0.442 χ^2 /NDF: 118.1/14

diff_bpm0l07Y_rms vs slug



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

Left Out: 1391.724+/-0.679 χ^2/NDF :80410.6/3

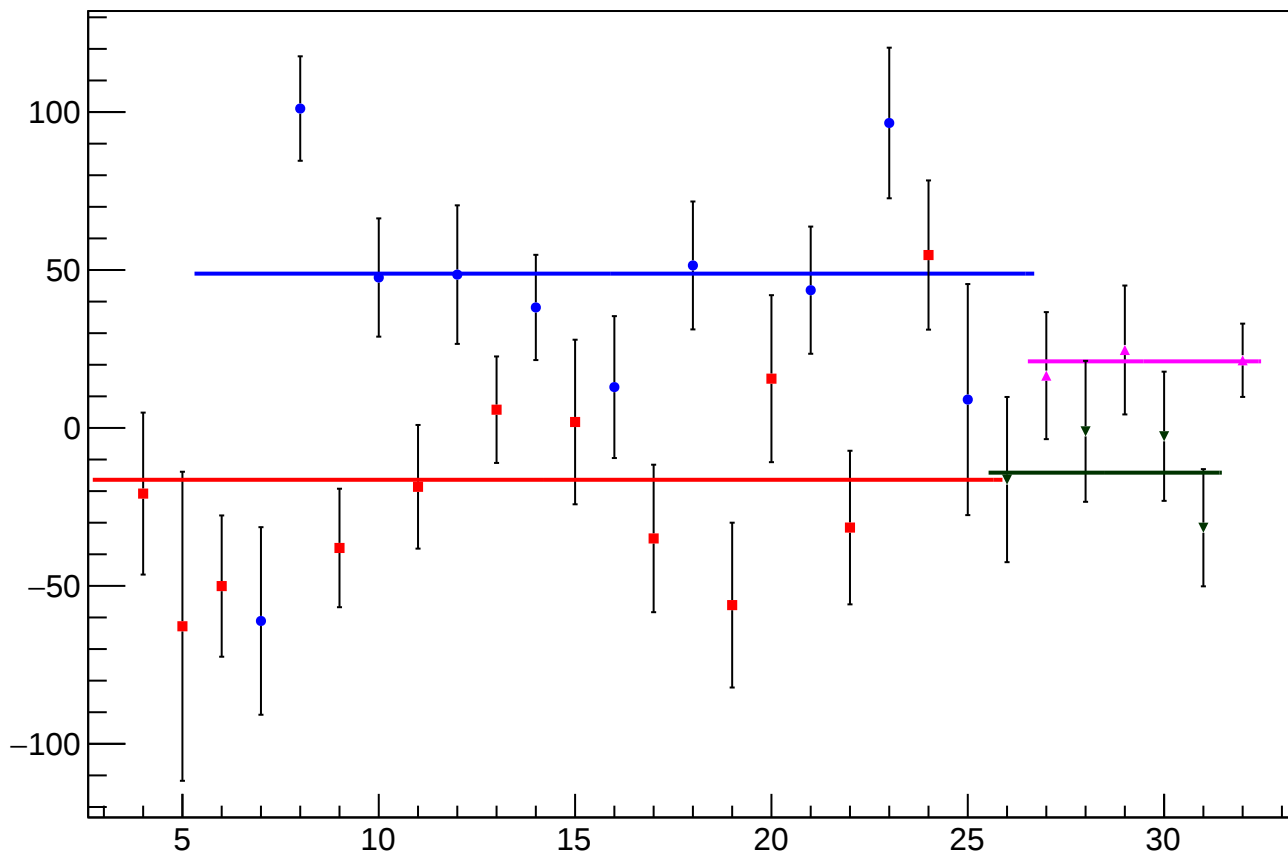
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

Left In: 1420.358+/-0.628 χ^2/NDF :95526.3/2

1284.004+/-0.311 χ^2/NDF : 153712.1/13

1322.680+/-0.313 χ^2/NDF : 156100.4/14

diff_bpm0l08X_mean vs slug



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

Left Out: -14.157+/-10.679 χ^2/NDF : 1.6/3

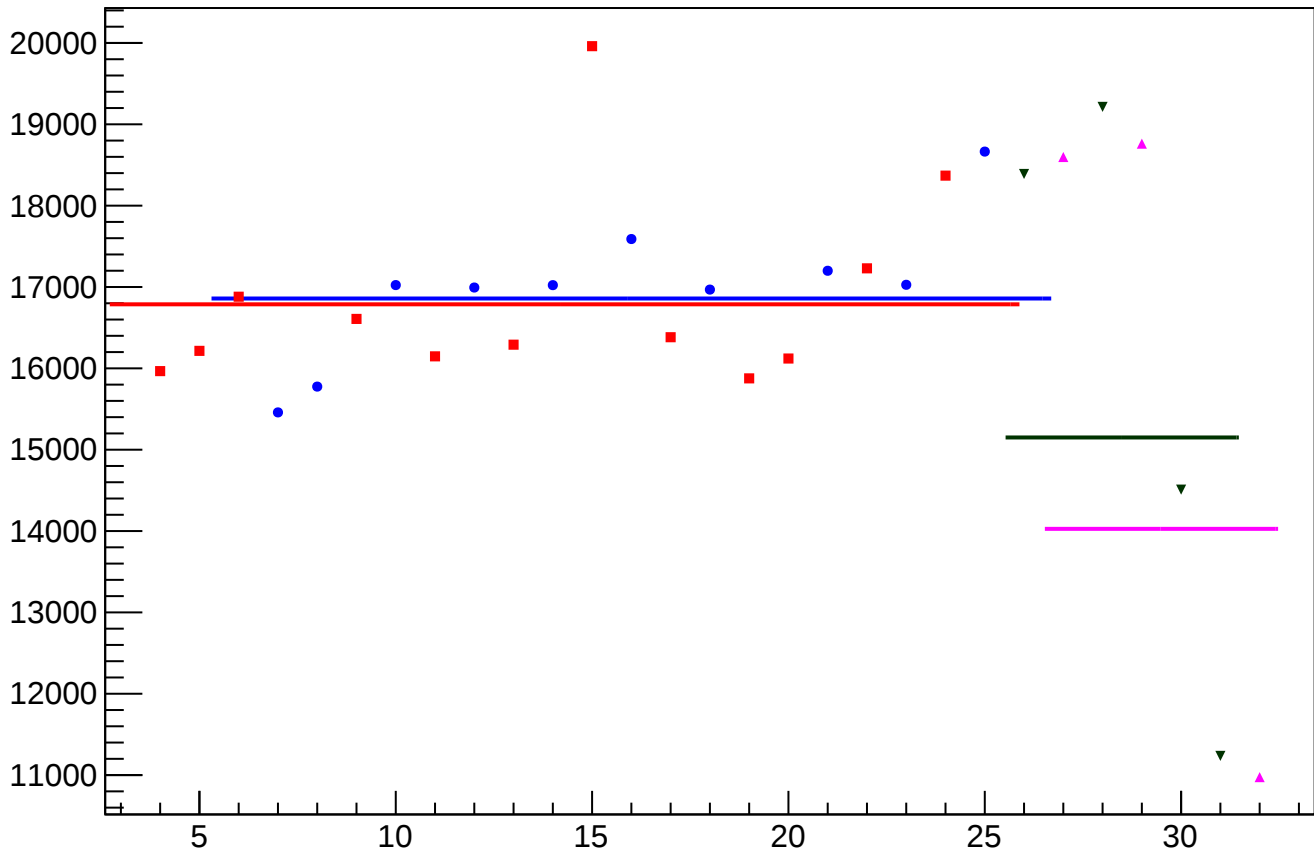
Right Out: -16.413+/-6.651 χ^2/NDF : 20.6/11

Left In: 21.080+/-9.014 χ^2/NDF : 0.1/2

31.305+/-5.635 χ^2/NDF : 58.6/13

-3.196+/-5.352 χ^2/NDF : 31.9/14

diff_bpm0l08X_rms vs slug



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

Left Out: 15150.367+/-7.551 χ^2/NDF :188063.2/3

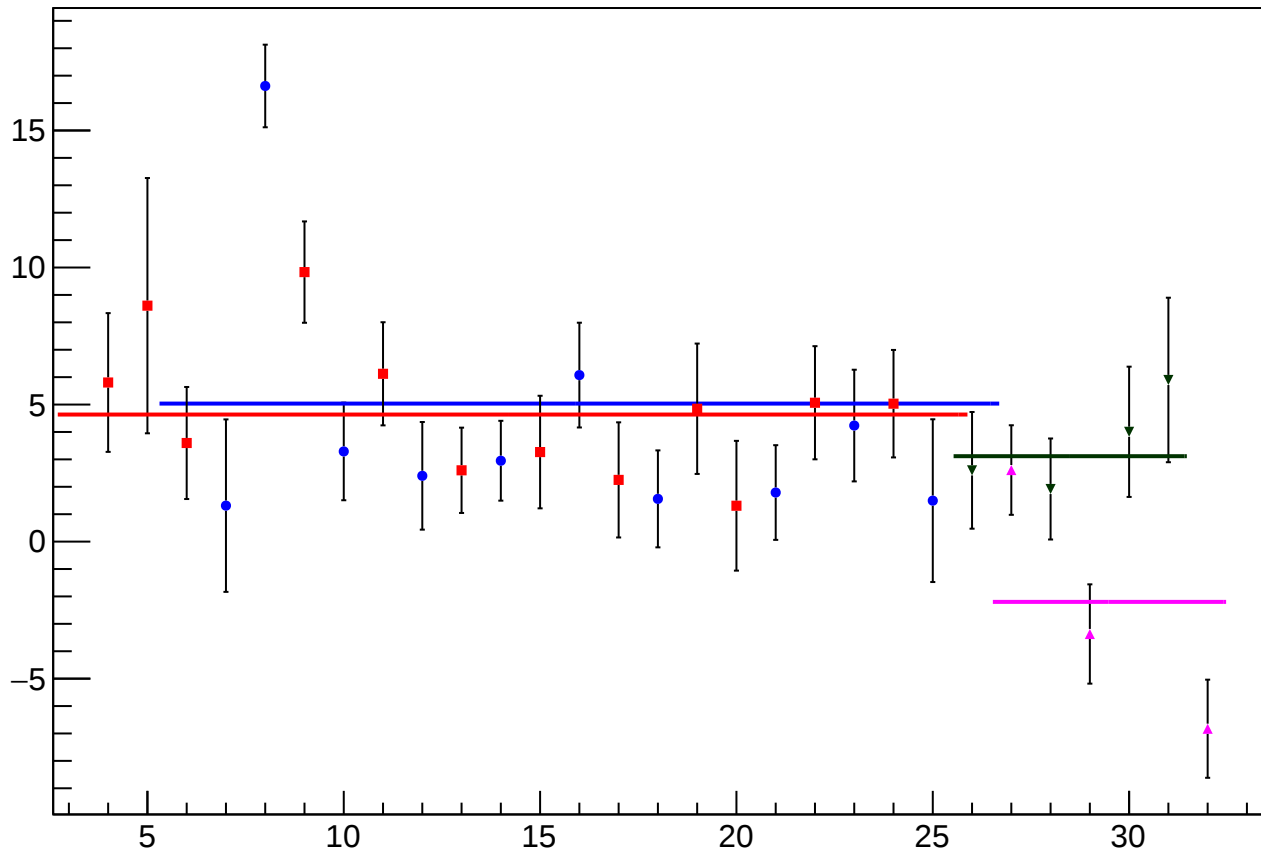
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

Left In: 14026.990+/-6.374 χ^2/NDF :349533.5/2

16382.919+/-3.985 χ^2/NDF : 246167.3/13

15814.100+/-3.784 χ^2/NDF : 520977.1/14

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.116 ± 1.116 χ^2/NDF : 1.5/3

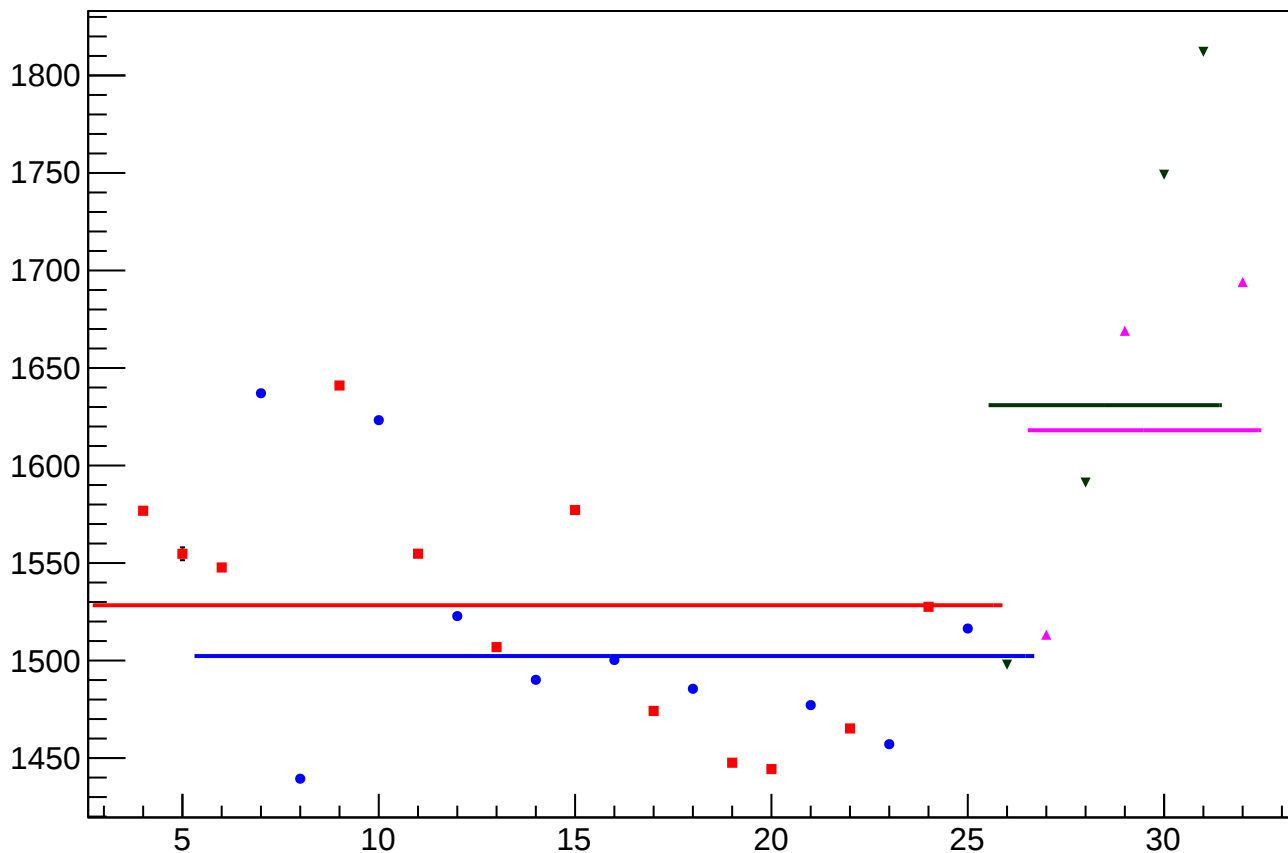
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -2.199 ± 1.004 χ^2/NDF : 15.8/2

4.616 ± 0.522 χ^2/NDF : 78.4/13

2.821 ± 0.517 χ^2/NDF : 65.0/14

diff_bpm0l08Y_rms vs slug



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

Left Out: 1630.933+/-0.789 χ^2/NDF :20973.3/3

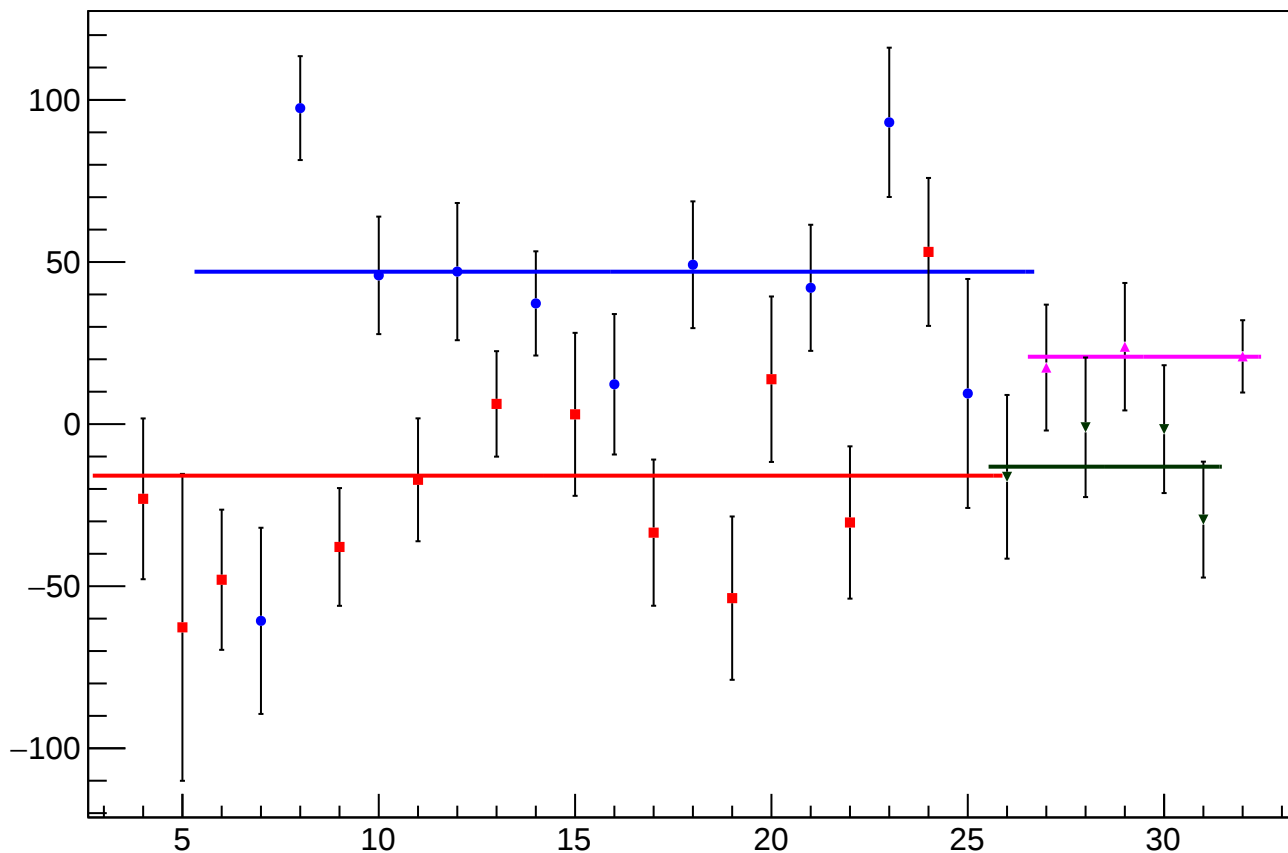
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1618.081+/-0.710 χ^2/NDF :13423.1/2

1530.428+/-0.369 χ^2/NDF : 60113.6/13

1552.168+/-0.366 χ^2/NDF : 43486.8/14

diff_bpm0l09X_mean vs slug



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

Left Out: -13.129 ± 10.299 χ^2/NDF : 1.5/3

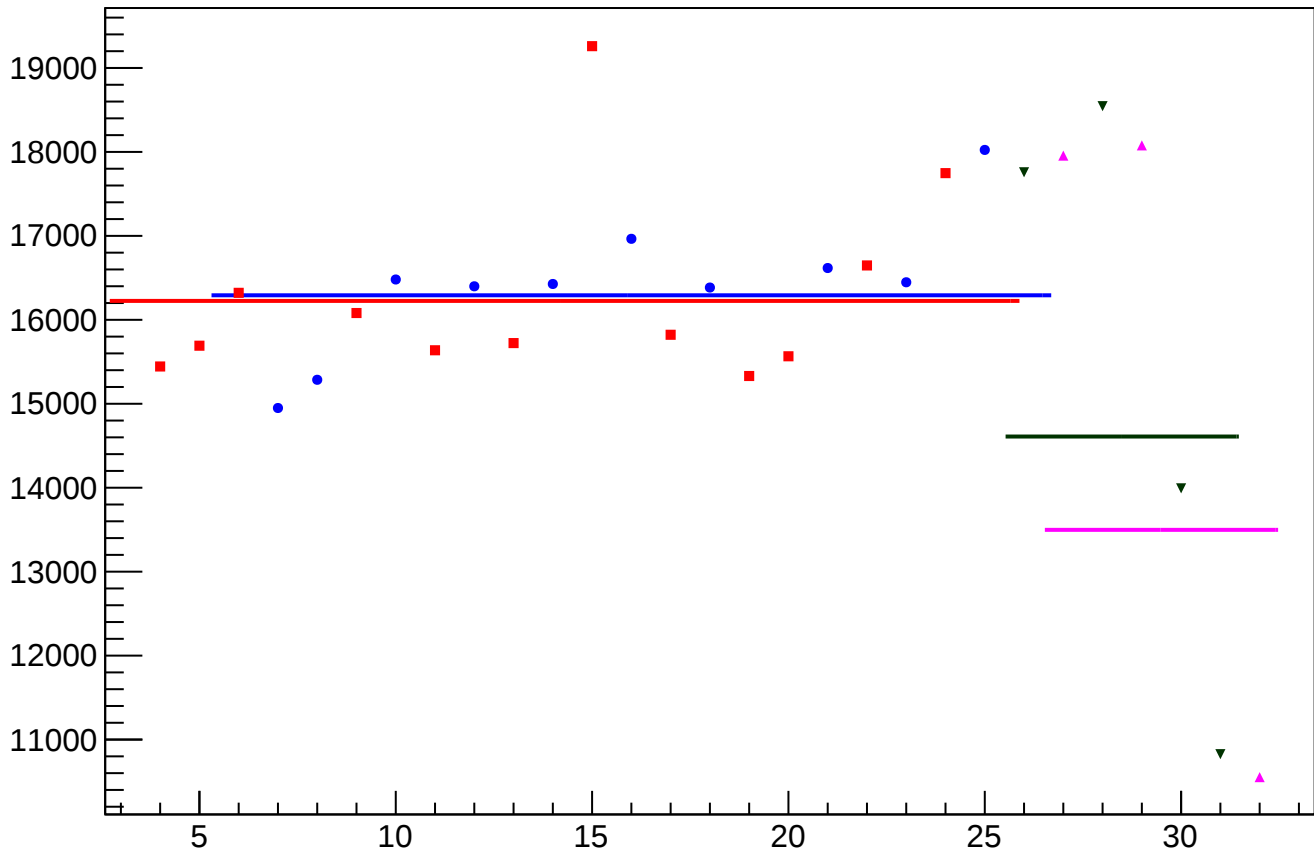
Right Out: -15.898 ± 6.429 χ^2/NDF : 20.9/11

Left In: 20.789 ± 8.678 χ^2/NDF : 0.1/2

30.220 ± 5.443 χ^2/NDF : 58.2/13

-2.898 ± 5.166 χ^2/NDF : 32.5/14

diff_bpm0l09X_rms vs slug



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

Left Out: 14609.791+/-7.283 χ^2/NDF : 189461.6/3

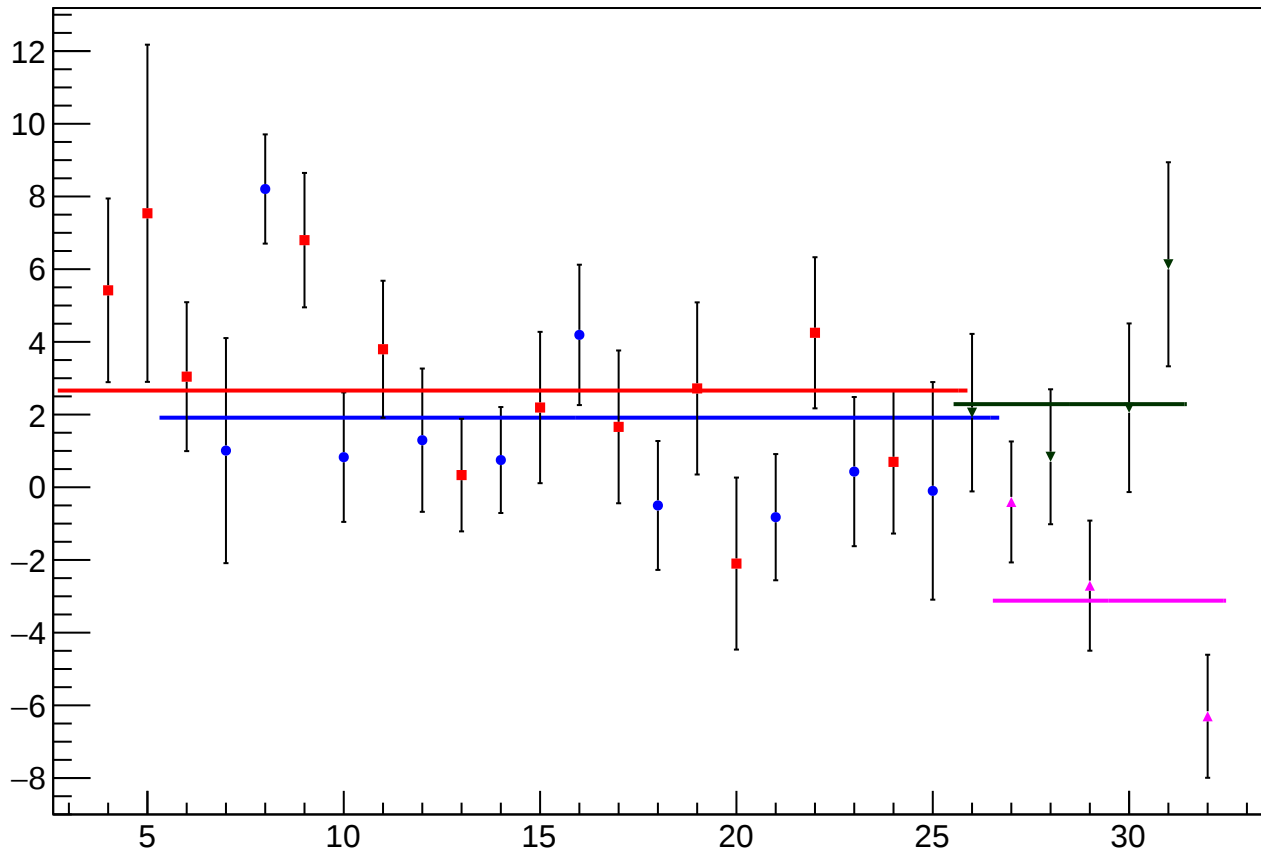
Right Out: 16225.365+/-4.546 χ^2/NDF : 49424.2/11

Left In: 13498.104+/-6.136 χ^2/NDF : 353504.5/2

15822.391+/-3.849 χ^2/NDF : 248024.8/13

15258.977+/-3.653 χ^2/NDF : 530475.2/14

diff_bpm0l09Y_mean vs slug



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

Left Out: 2.287 ± 1.107 χ^2/NDF : 2.5/3

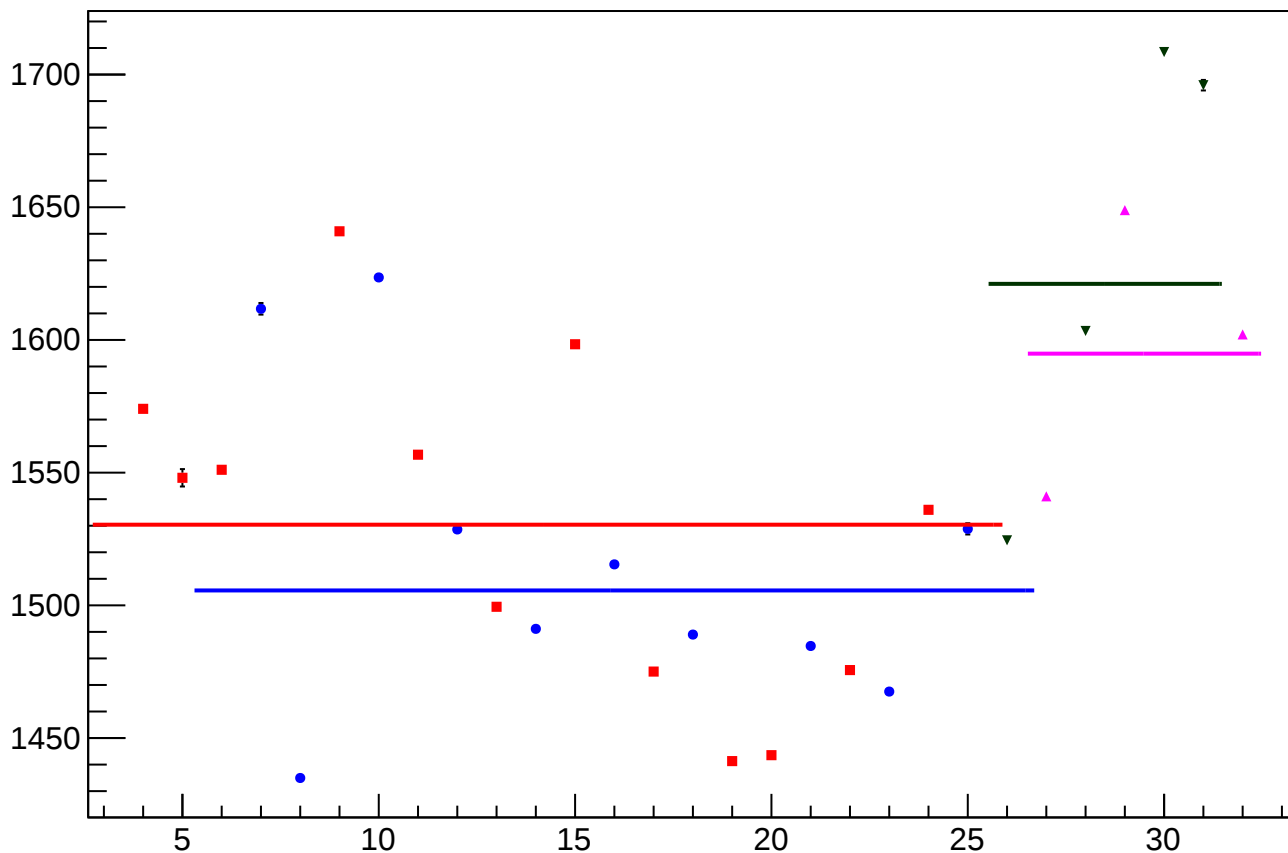
Right Out: 2.661 ± 0.605 χ^2/NDF : 15.9/11

Left In: -3.120 ± 0.989 χ^2/NDF : 6.2/2

1.997 ± 0.522 χ^2/NDF : 28.0/13

1.088 ± 0.516 χ^2/NDF : 47.0/14

diff_bpm0l09Y_rms vs slug



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

Left Out: 1621.134+/-0.783 χ^2/NDF : 8419.5/3

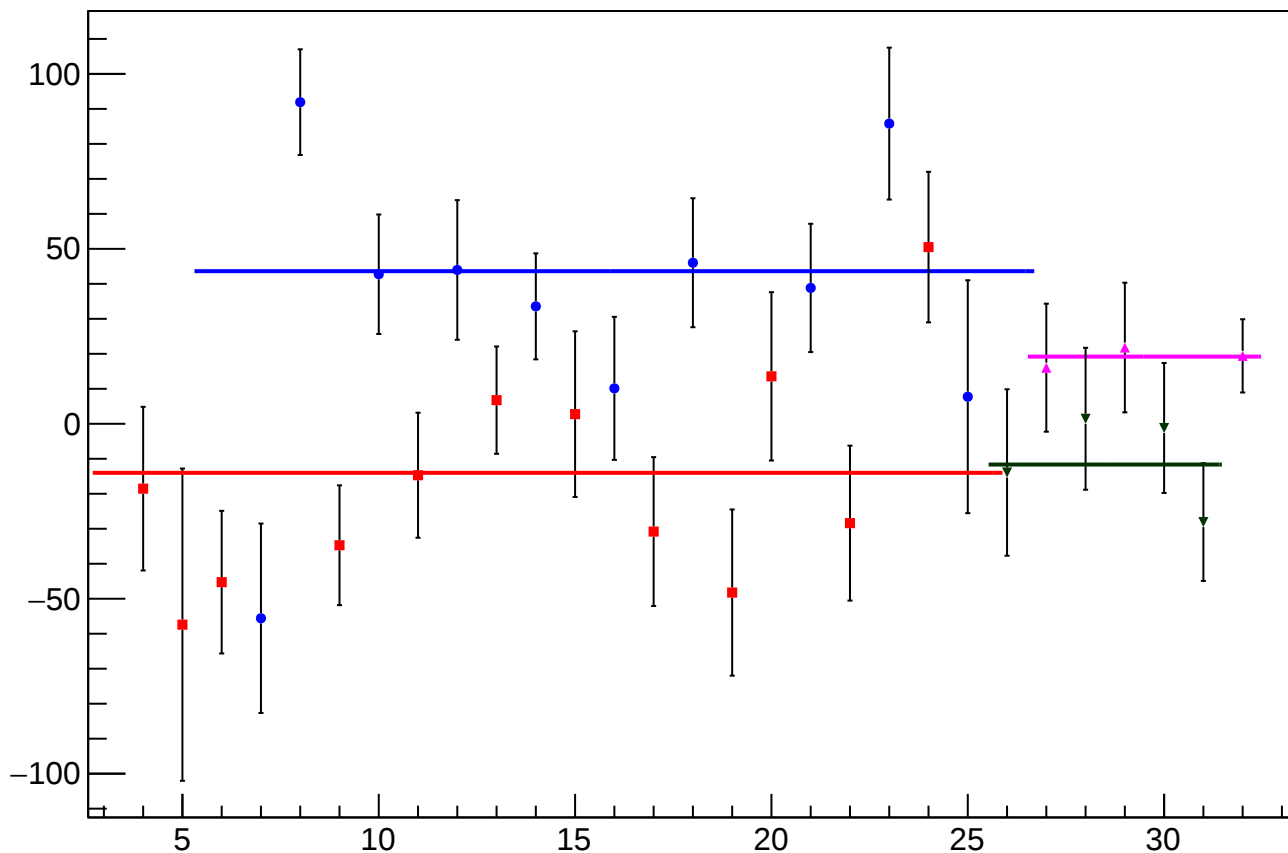
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

Left In: 1594.836+/-0.699 χ^2/NDF : 3950.4/2

1531.274+/-0.369 χ^2/NDF : 42699.7/13

1547.924+/-0.365 χ^2/NDF : 29750.2/14

diff_bpm0l10X_mean vs slug



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

Left Out: -11.647 $\pm$ 9.700 χ^2 /NDF: 1.7/3

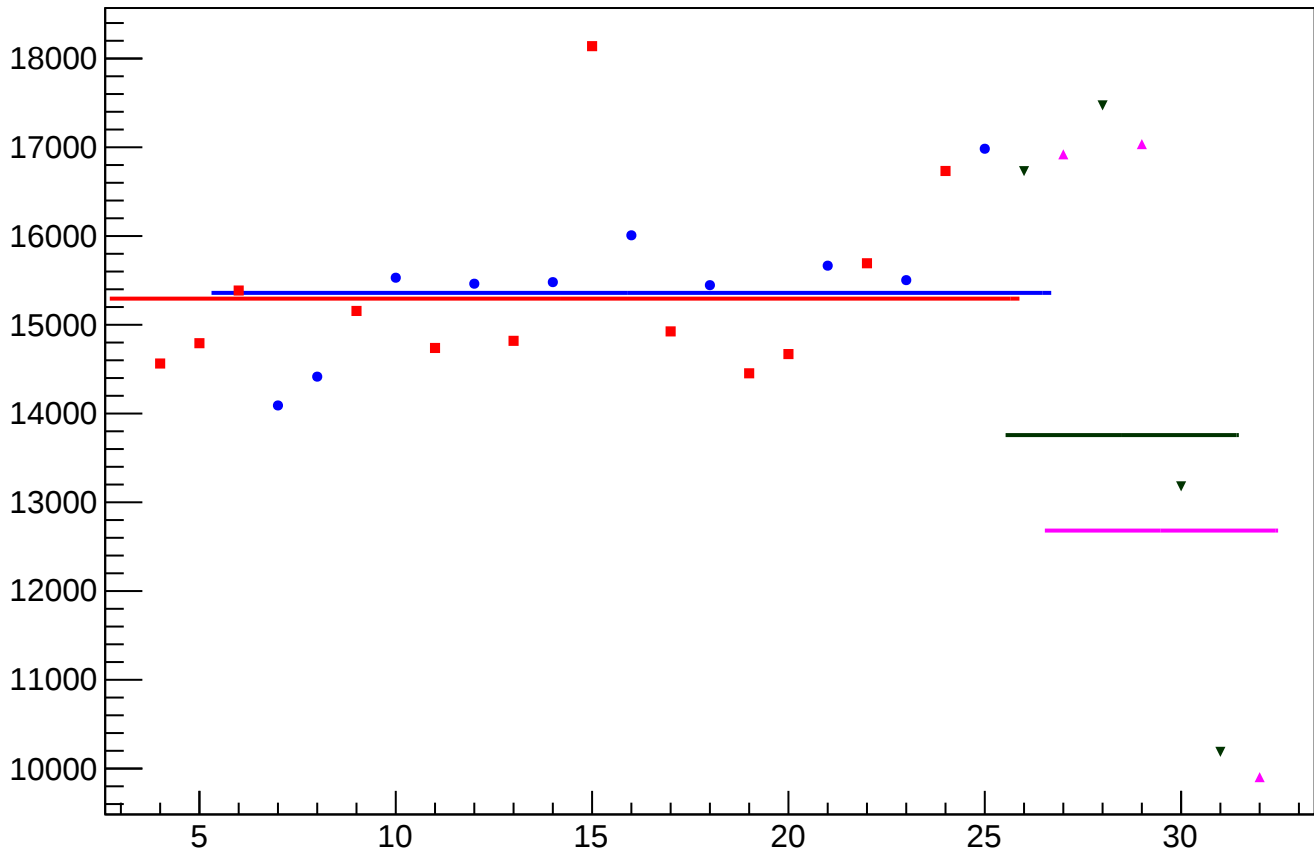
Right Out: -14.010 $\pm$ 6.060 χ^2 /NDF: 20.6/11

Left In: 19.201 $\pm$ 8.157 χ^2 /NDF: 0.1/2

28.164 $\pm$ 5.129 χ^2 /NDF: 56.9/13

-2.200 $\pm$ 4.864 χ^2 /NDF: 31.3/14

diff_bpm0l10X_rms vs slug



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

Left Out: 13757.298+/-6.859 χ^2/NDF : 190265.6/3

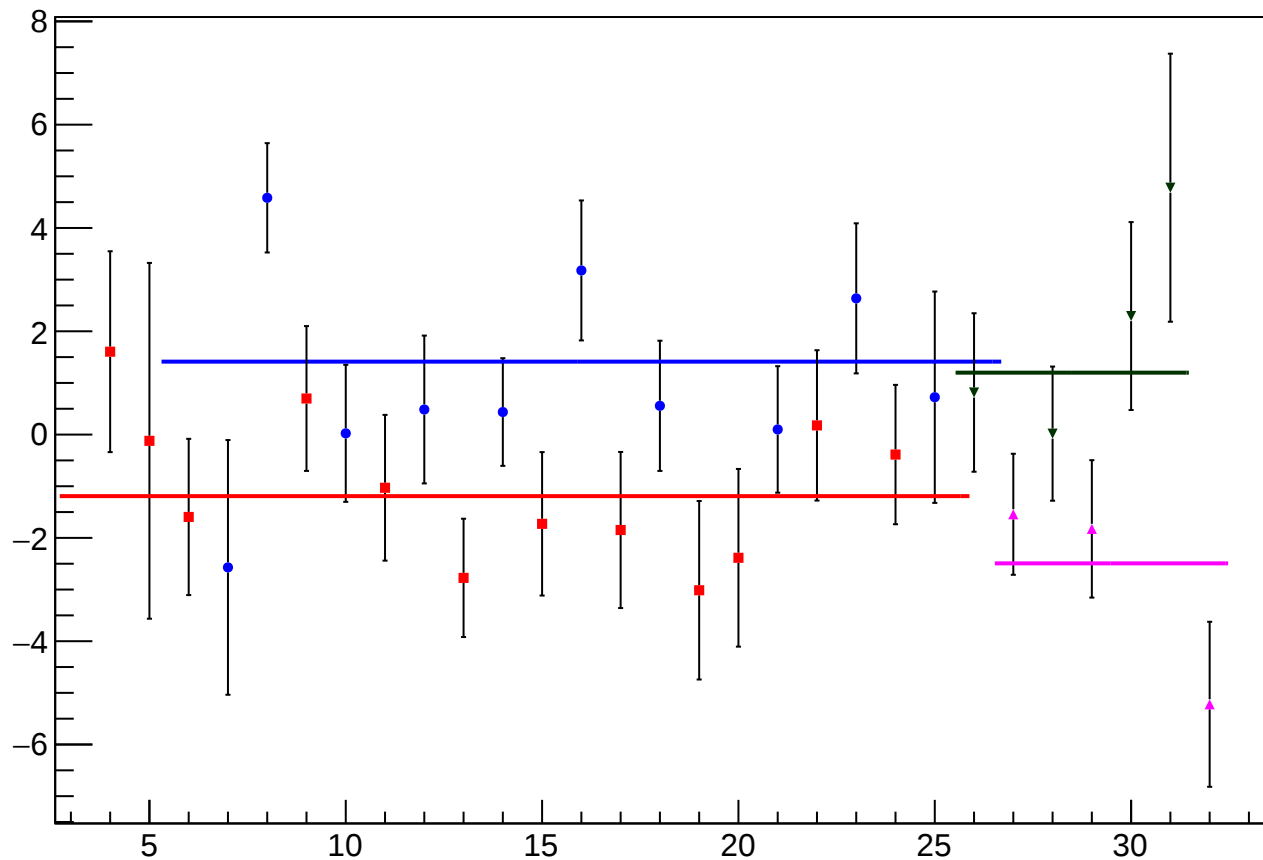
Right Out: 15294.772+/-4.285 χ^2/NDF : 49160.5/11

Left In: 12681.429+/-5.768 χ^2/NDF : 358776.5/2

14911.469+/-3.627 χ^2/NDF : 249621.9/13

14365.429+/-3.440 χ^2/NDF : 540214.6/14

diff_bpm0l10Y_mean vs slug



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

Left Out: 1.199 ± 0.825 $\chi^2/\text{NDF}: 3.2/3$

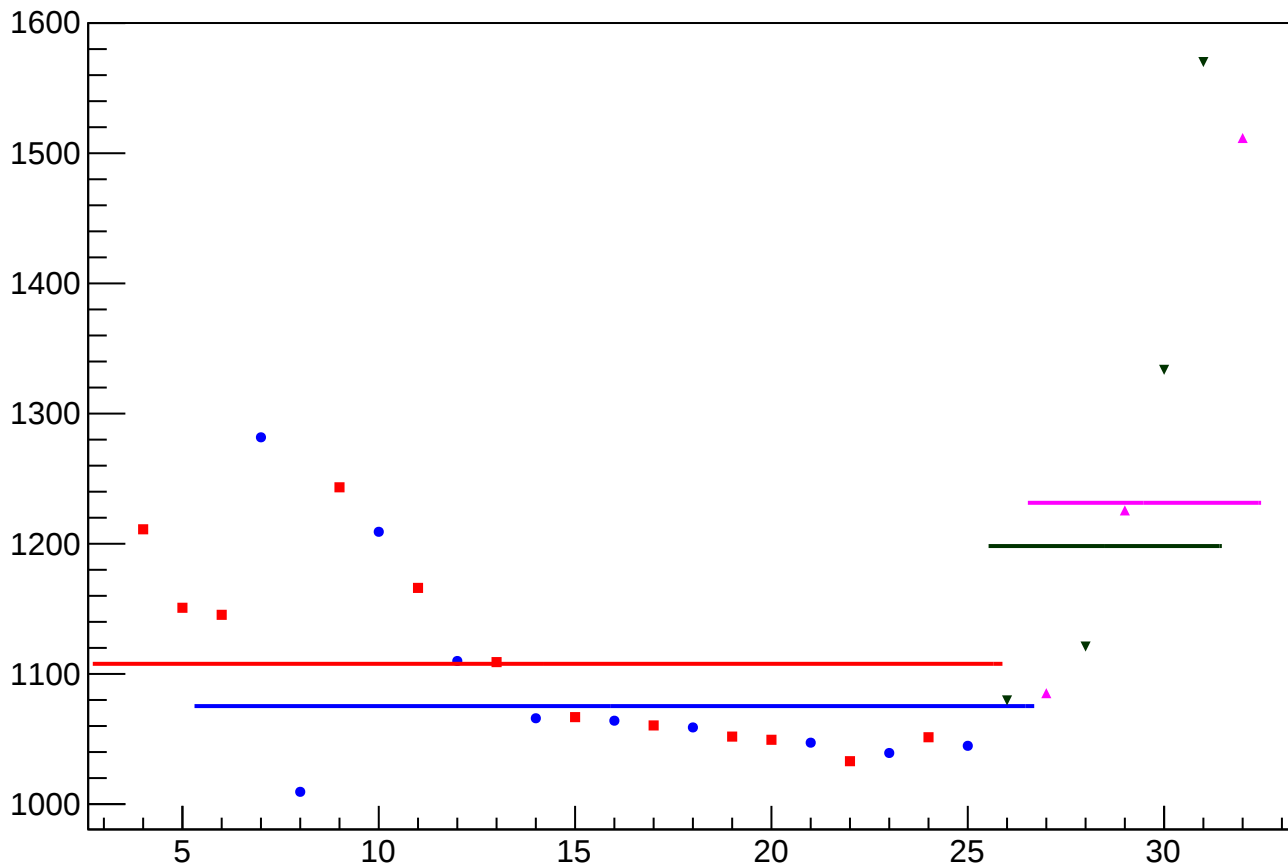
1.368 ± 0.376 $\chi^2/\text{NDF}: 21.3/13$

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

-1.510 ± 0.381 $\chi^2/\text{NDF}: 15.1/14$

Left In: -2.493 ± 0.770 $\chi^2/\text{NDF}: 3.8/2$

diff_bpm0l10Y_rms vs slug



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

Left Out: 1198.244+/-0.584 χ^2/NDF : 71154.3/3

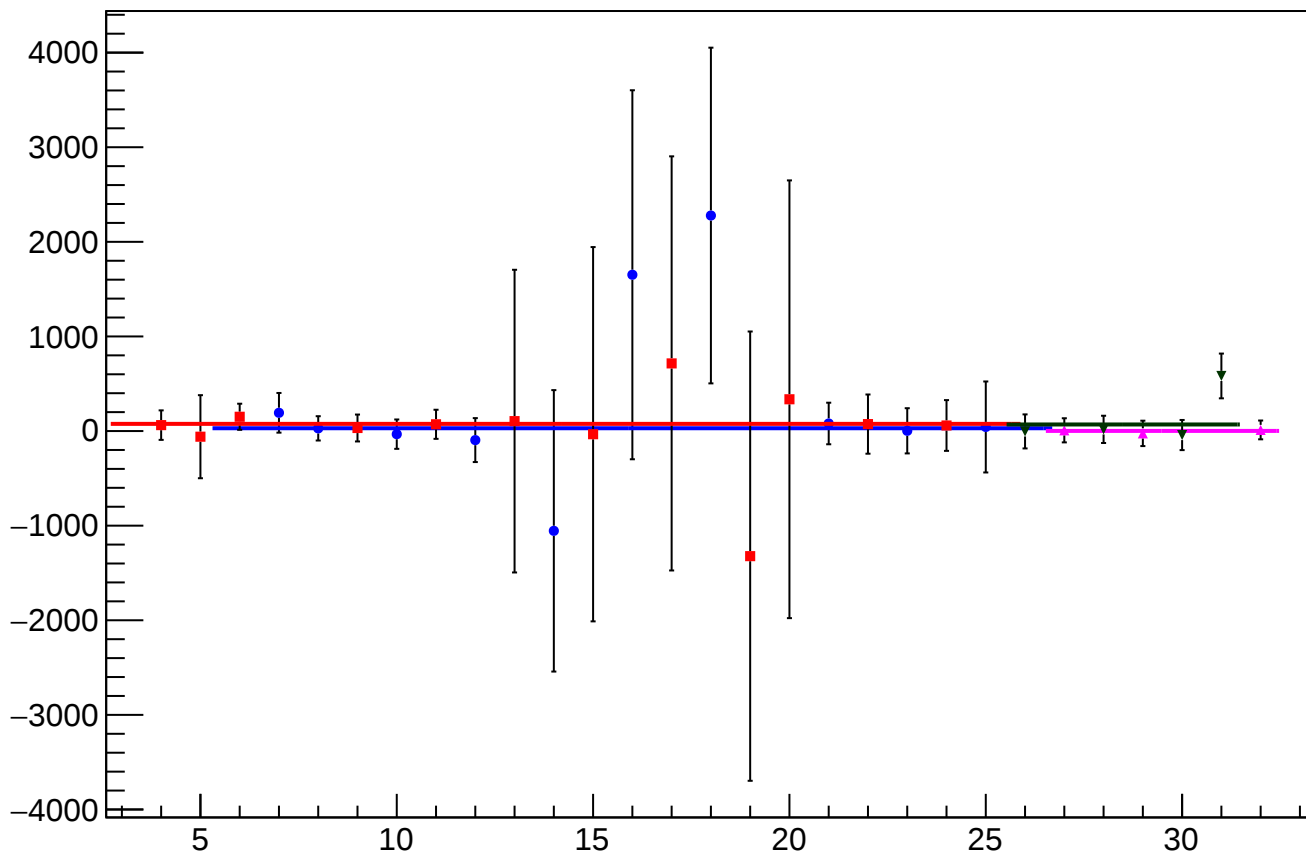
Right Out: 1107.774+/-0.310 χ^2/NDF : 46212.9/11

Left In: 1231.466+/-0.545 χ^2/NDF : 92763.2/2

1100.884+/-0.266 χ^2/NDF : 152986.6/13

1138.008+/-0.269 χ^2/NDF : 177950.3/14

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: 69.540+/-85.626 χ^2/NDF :5.5/3

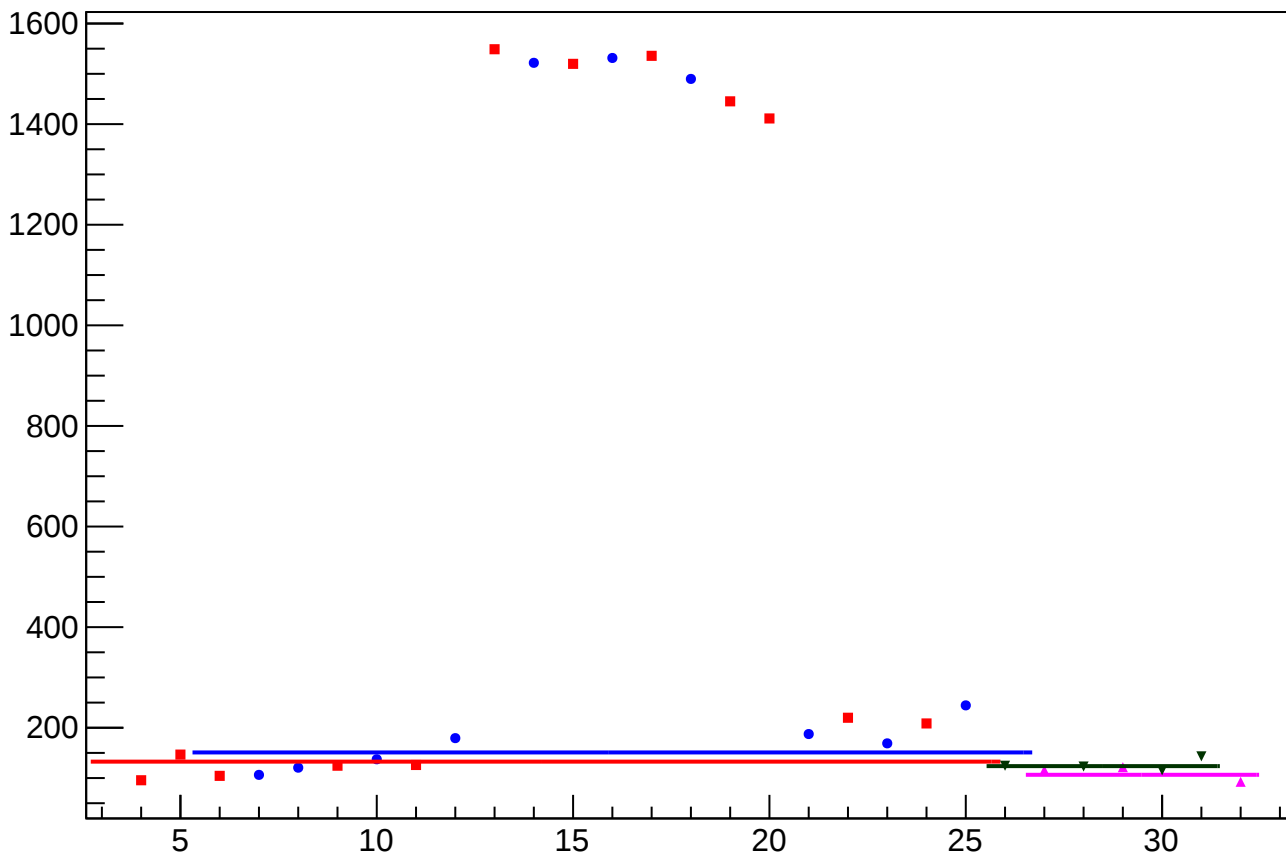
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: 1.459+/-67.656 χ^2/NDF :0.1/2

46.470+/-55.607 χ^2/NDF : 9.6/13

38.462+/-47.980 χ^2/NDF : 1.6/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 123.727+/-0.061 χ^2/NDF : 19088.8/3

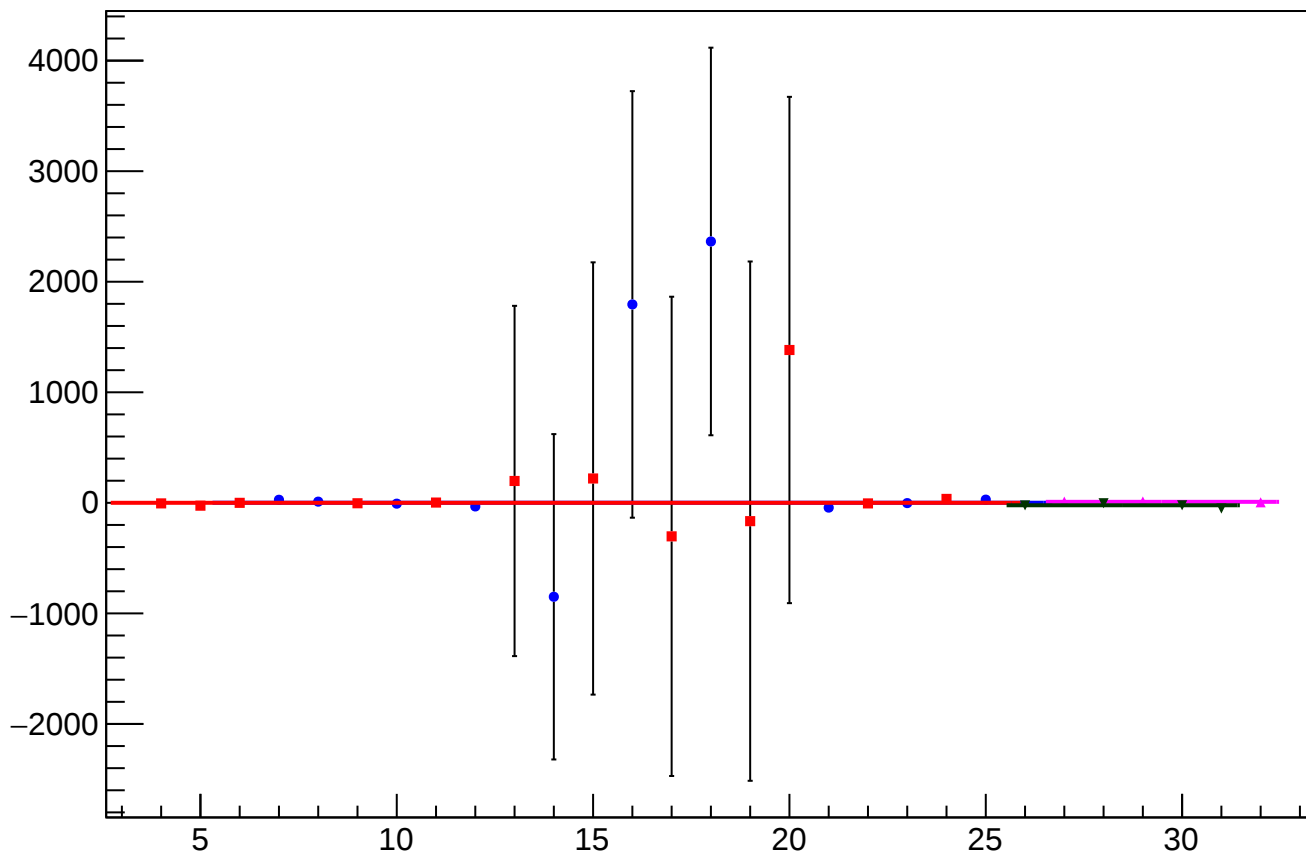
Right Out: 132.646+/-0.048 χ^2/NDF : 5120067.3/11

Left In: 106.477+/-0.048 χ^2/NDF : 74646.8/2

139.455+/-0.039 χ^2/NDF : 4365819.2/13

119.485+/-0.034 χ^2/NDF : 5343445.1/14

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: -21.904+/-12.230 χ^2/NDF : 1.9/3

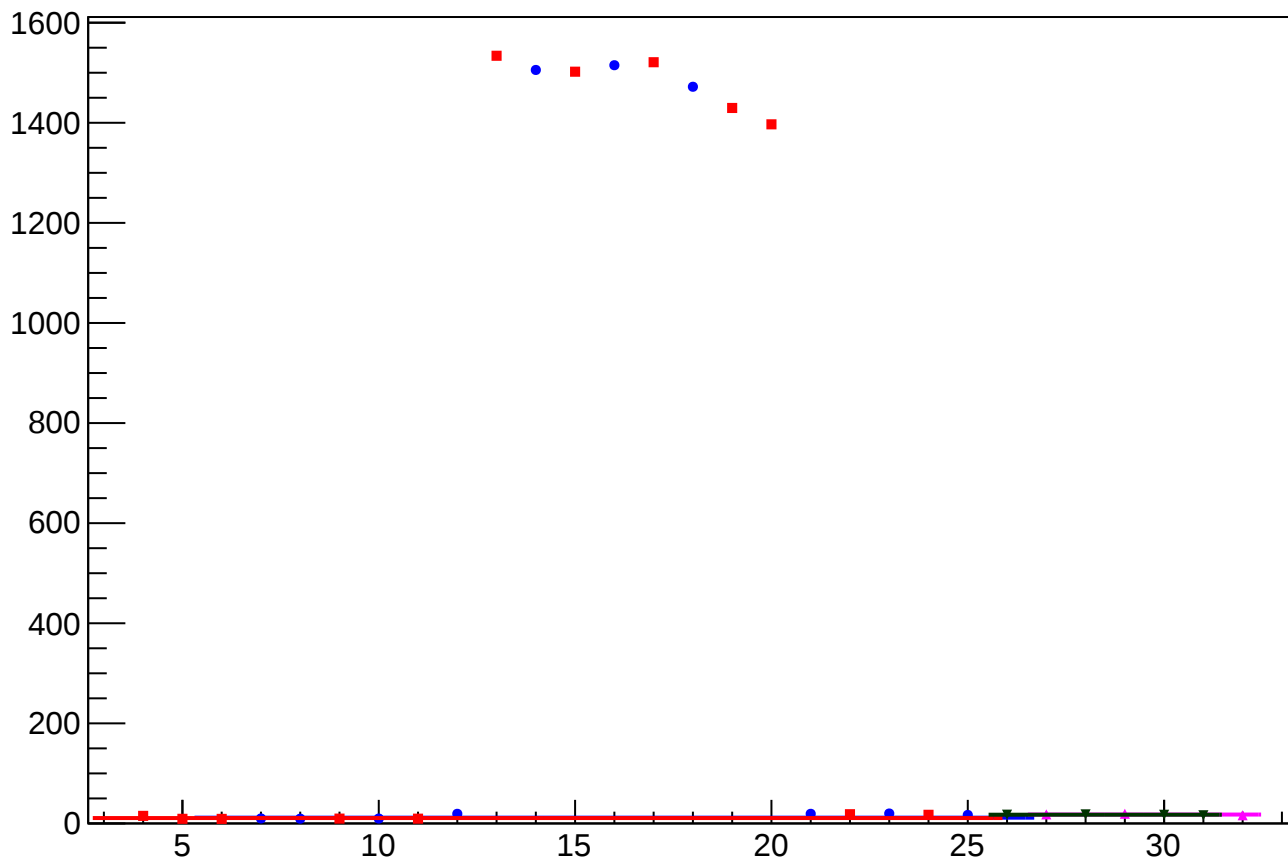
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 9.072+/-11.358 χ^2/NDF : 0.1/2

-3.716+/-5.529 χ^2/NDF : 16.4/13

2.175+/-5.223 χ^2/NDF : 4.5/14

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: 17.473+/-0.009 χ^2/NDF : 5330.3/3

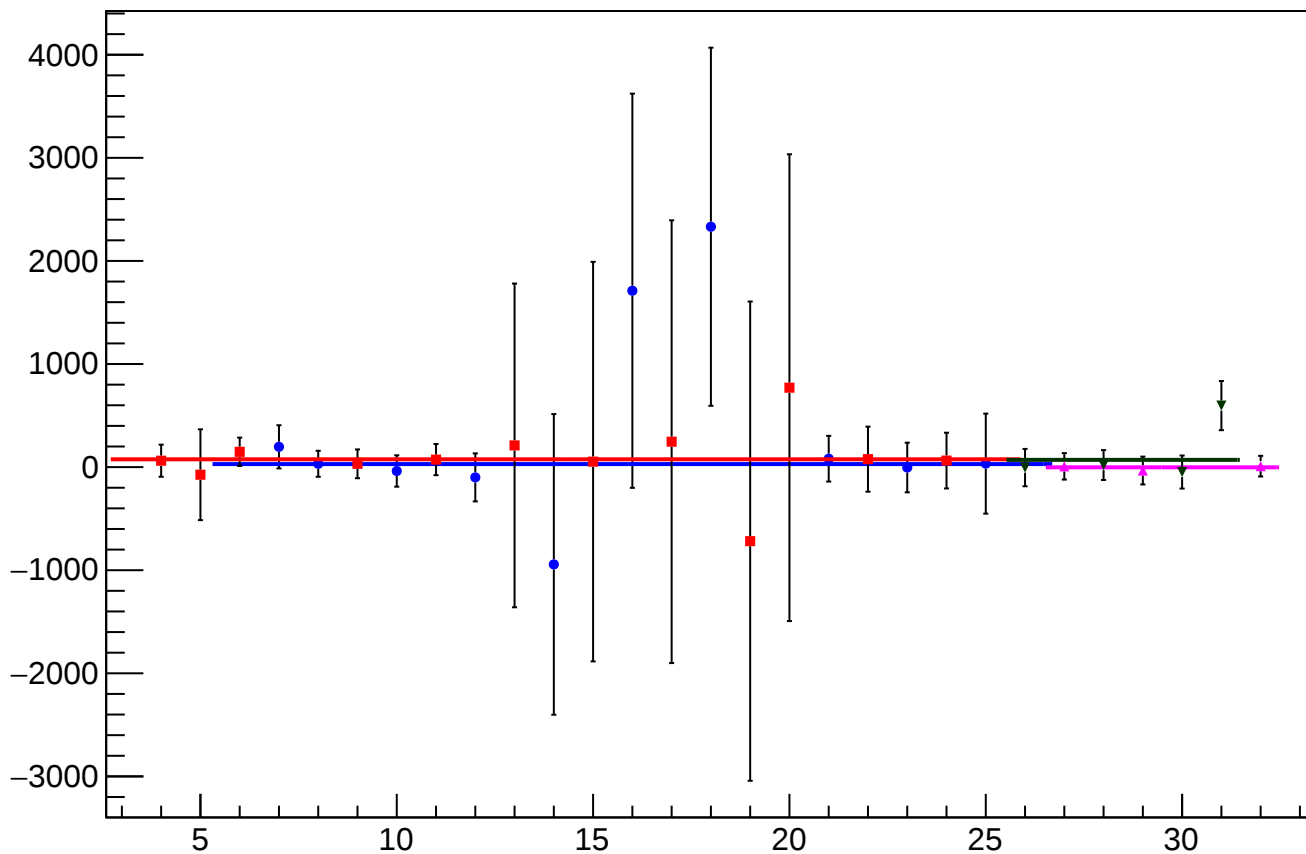
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 17.787+/-0.008 χ^2/NDF : 23366.1/2

12.764+/-0.004 χ^2/NDF : 5746107.9/13

12.272+/-0.004 χ^2/NDF : 6544421.6/14

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: 70.384 ± 86.241 χ^2/NDF : 5.7/3

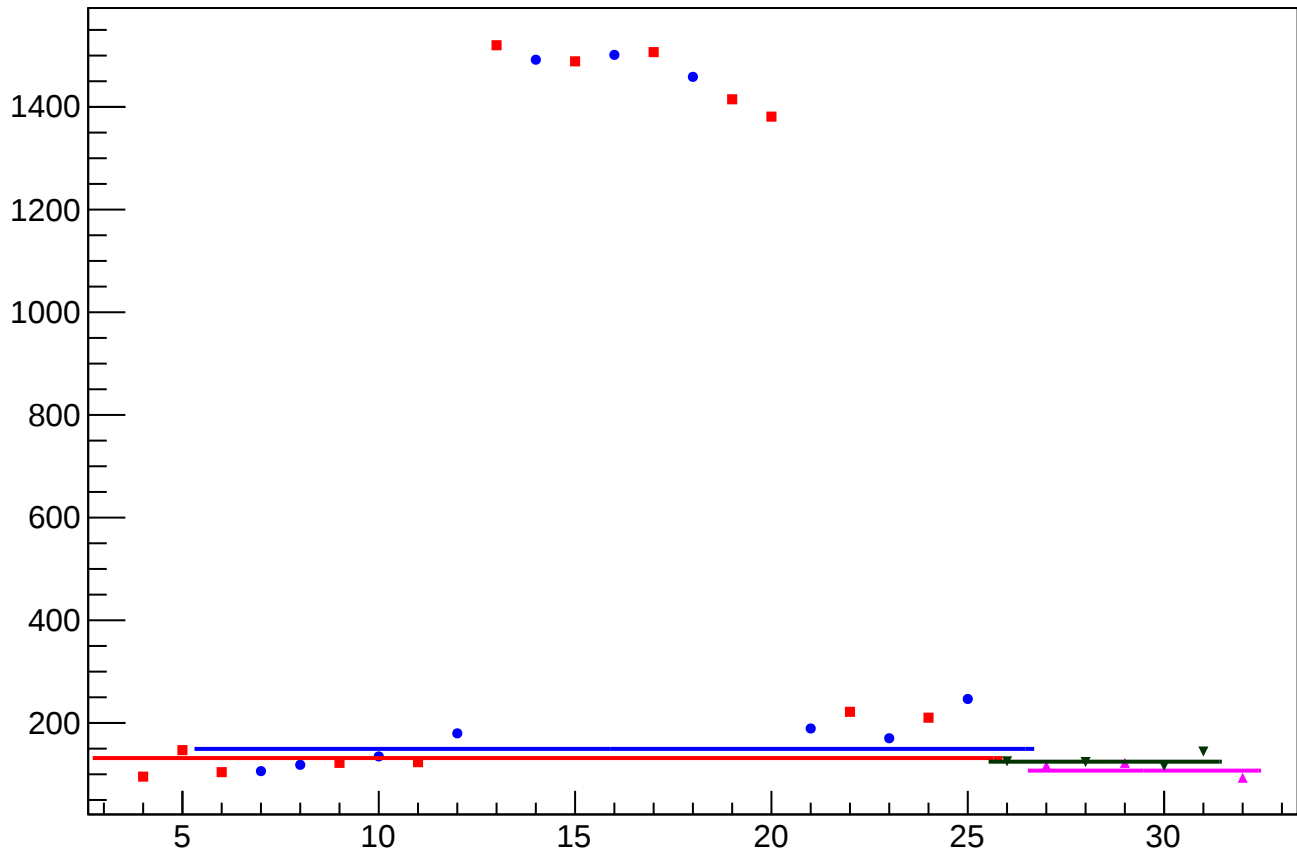
Right Out: 76.035 ± 67.528 χ^2/NDF : 0.7/11

Left In: -1.926 ± 68.106 χ^2/NDF : 0.1/2

46.424 ± 55.503 χ^2/NDF : 10.0/13

37.387 ± 47.953 χ^2/NDF : 1.5/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 149.490 $\pm$ 0.051 χ^2 /NDF: 4249870.3/9

Left Out: 124.611 $\pm$ 0.061 χ^2 /NDF: 19315.4/3

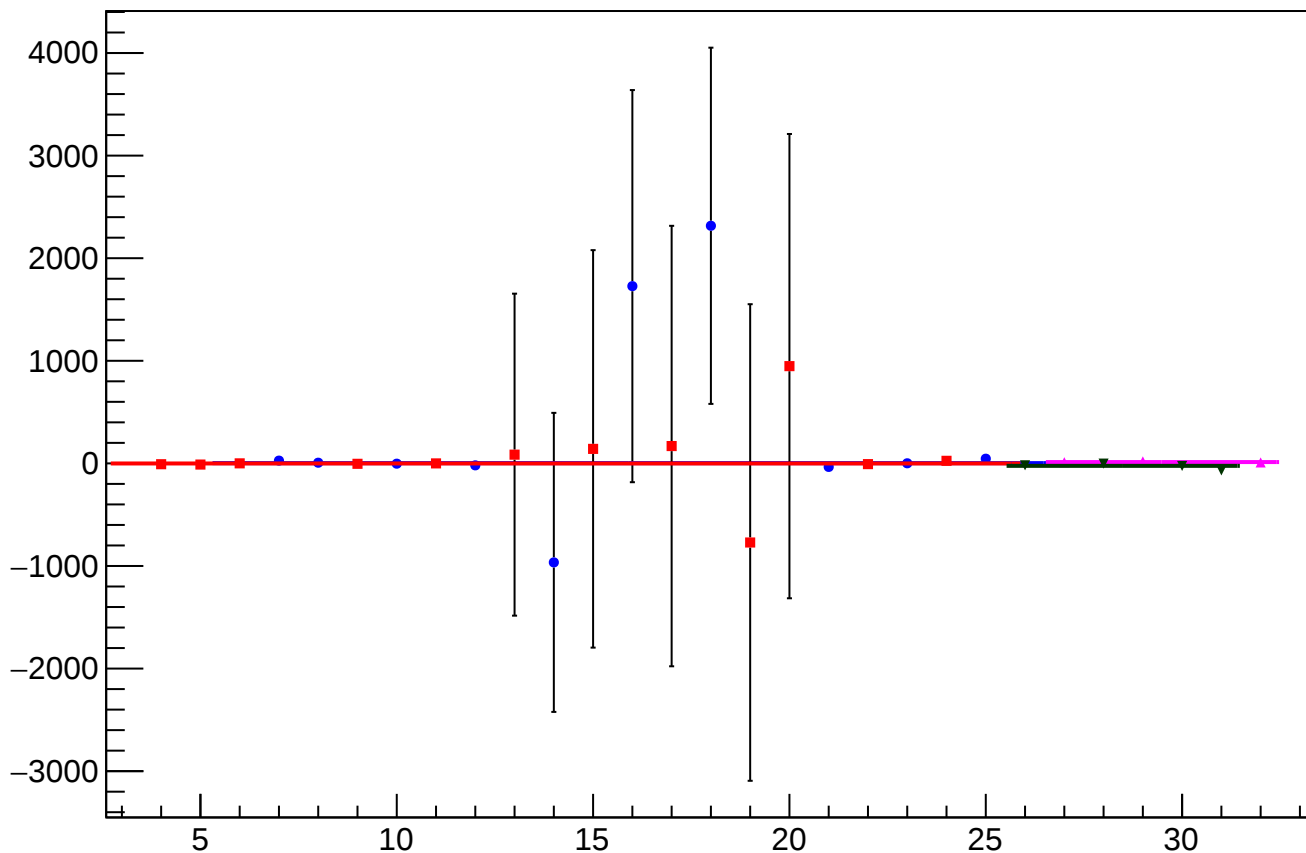
139.186 $\pm$ 0.039 χ^2 /NDF: 4366689.0/13

Right Out: 131.616 $\pm$ 0.048 χ^2 /NDF: 5120657.7/11

119.502 $\pm$ 0.034 χ^2 /NDF: 5324786.2/14

Left In: 107.180 $\pm$ 0.048 χ^2 /NDF: 74300.8/2

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: -23.975+/-11.791 χ^2/NDF : 3.8/3

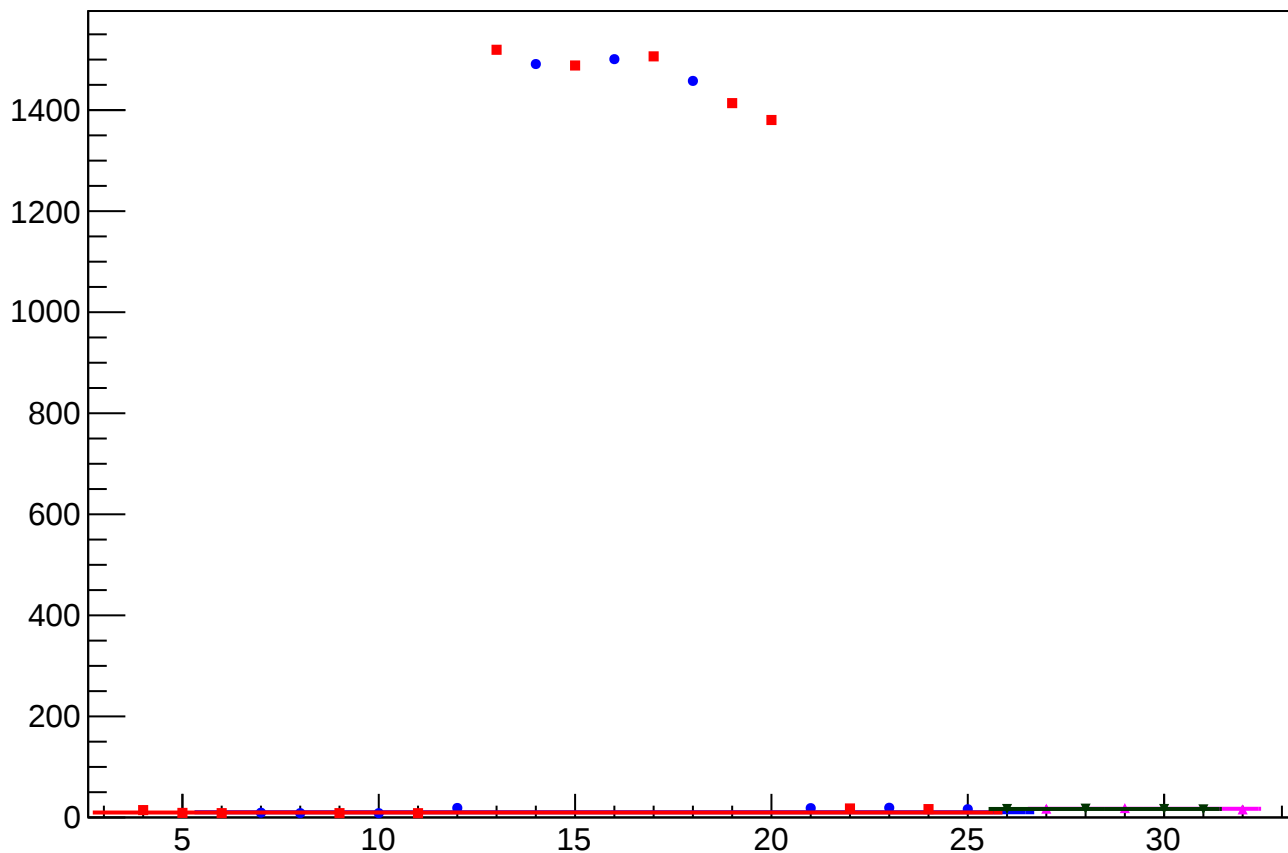
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 12.897+/-10.984 χ^2/NDF : 0.2/2

-2.278+/-5.056 χ^2/NDF : 18.0/13

1.840+/-4.820 χ^2/NDF : 3.6/14

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: 16.813+/-0.008 χ^2/NDF : 3458.4/3

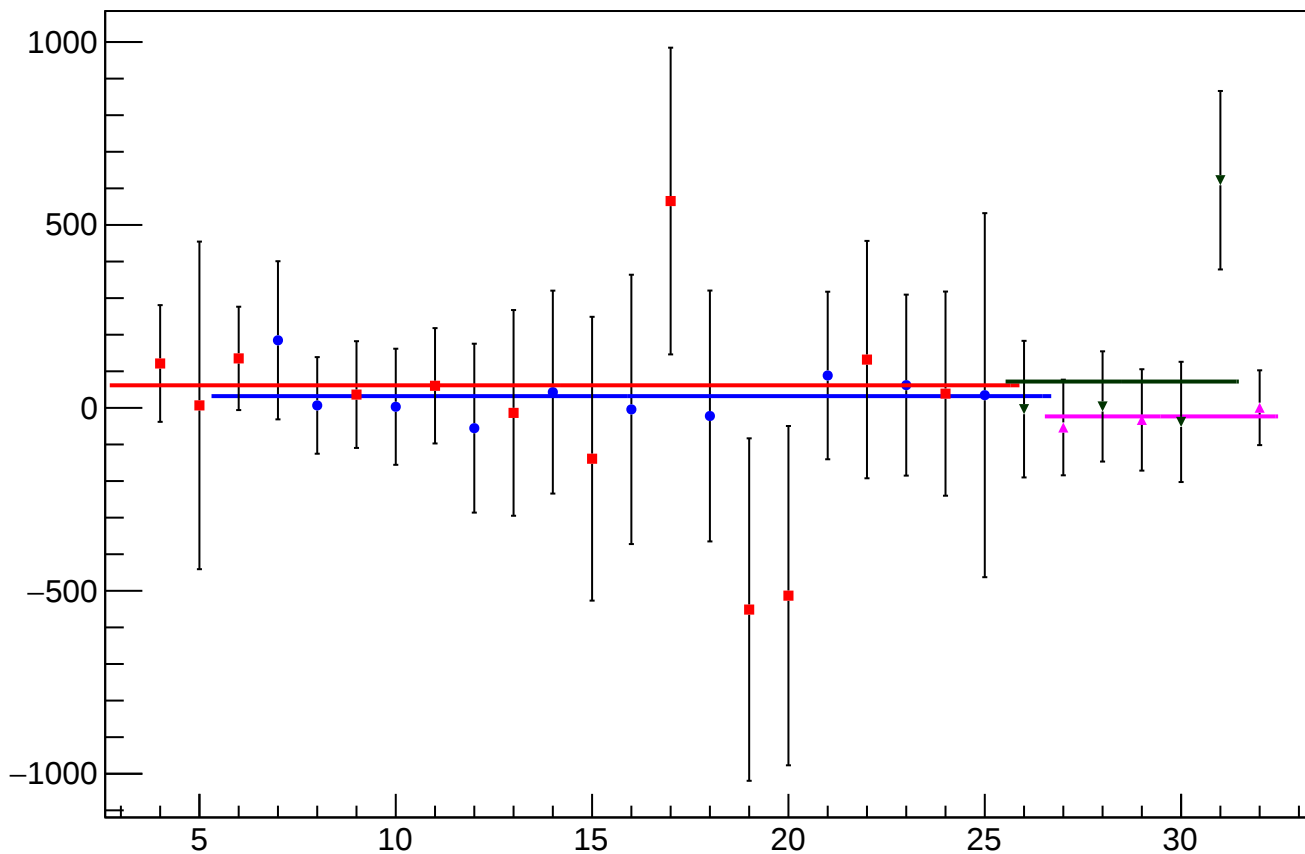
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 17.164+/-0.008 χ^2/NDF : 18609.0/2

11.496+/-0.004 χ^2/NDF : 6017761.5/13

11.189+/-0.003 χ^2/NDF : 6760463.1/14

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: 71.998+/-88.879 χ^2/NDF : 5.9/3

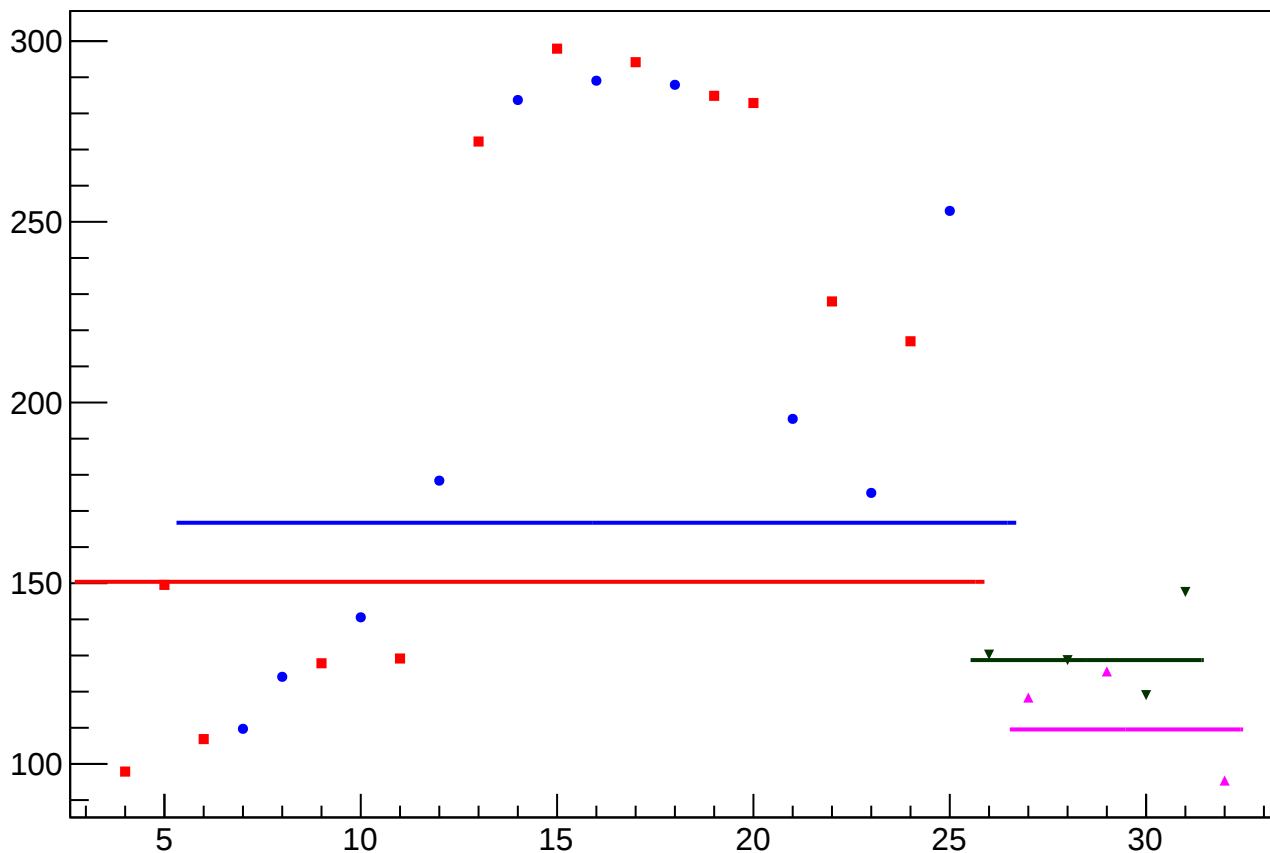
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -23.292+/-69.623 χ^2/NDF : 0.1/2

47.332+/-54.866 χ^2/NDF : 6.9/13

22.254+/-47.432 χ^2/NDF : 6.5/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 128.734+/-0.063 χ^2/NDF : 19039.2/3

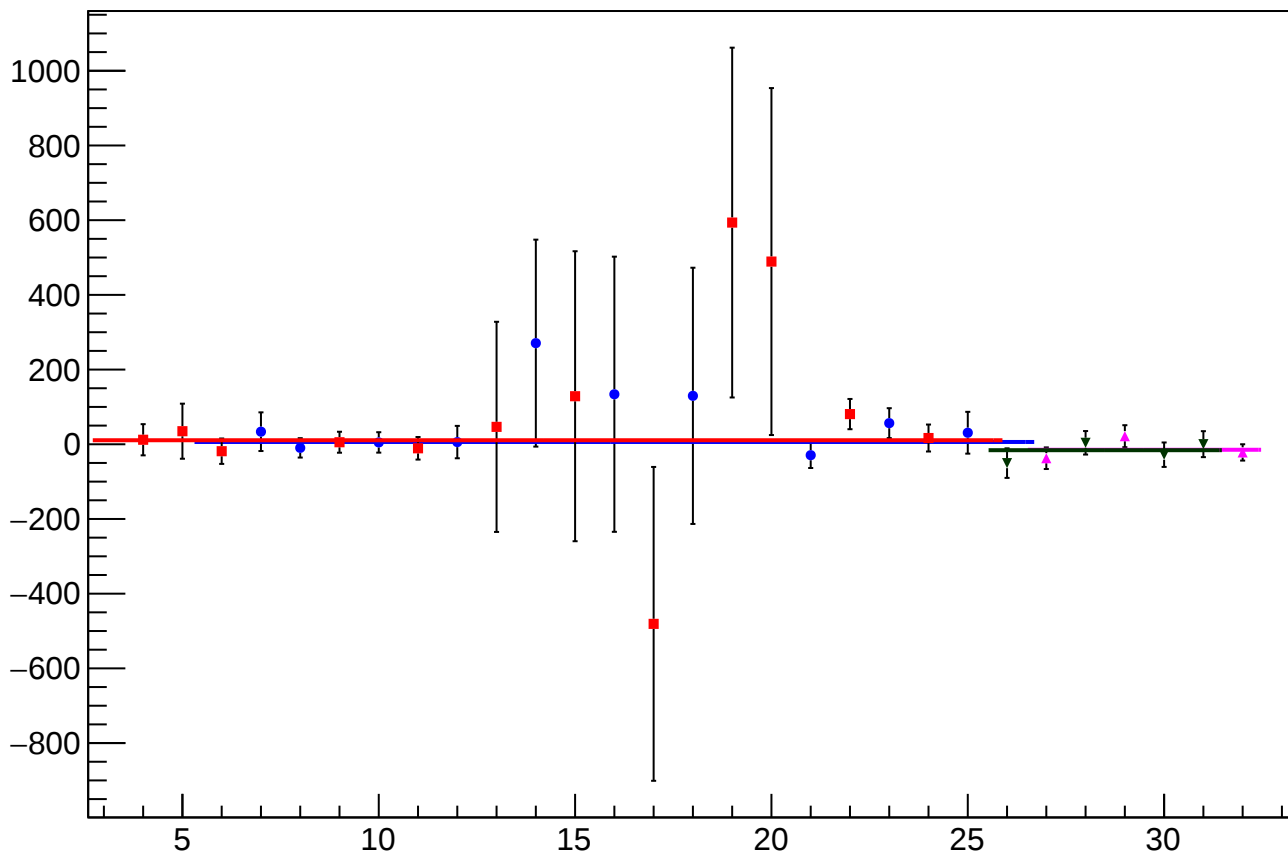
152.253+/-0.039 χ^2/NDF : 1572926.8/13

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

131.434+/-0.034 χ^2/NDF : 2390372.2/14

Left In: 109.545+/-0.049 χ^2/NDF : 74223.0/2

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: -15.835 $\pm$ 17.122 χ^2 /NDF: 1.5/3

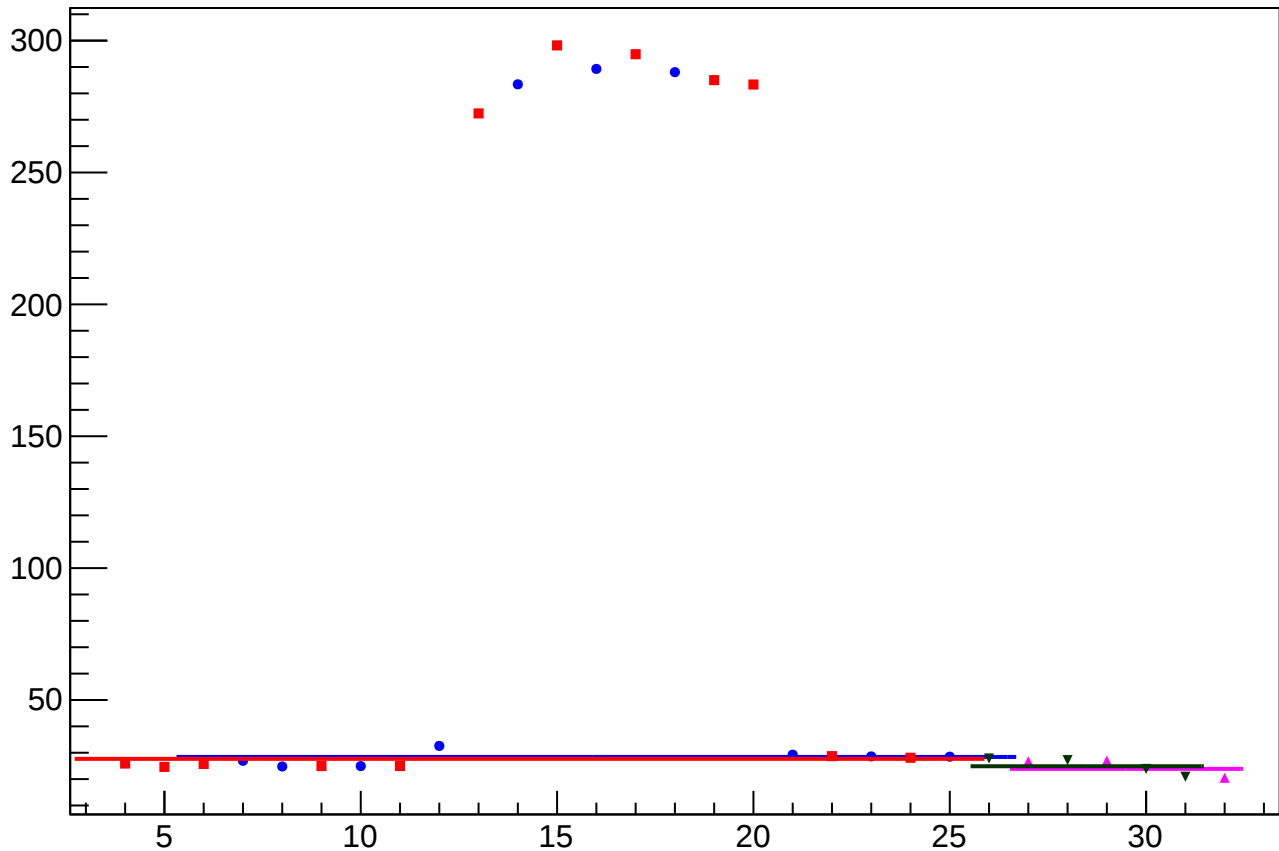
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -14.711 $\pm$ 15.001 χ^2 /NDF: 2.2/2

-2.213 $\pm$ 10.565 χ^2 /NDF: 7.2/13

-0.720 $\pm$ 10.080 χ^2 /NDF: 12.3/14

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: 24.872 ± 0.012 χ^2/NDF : 49950.4/3

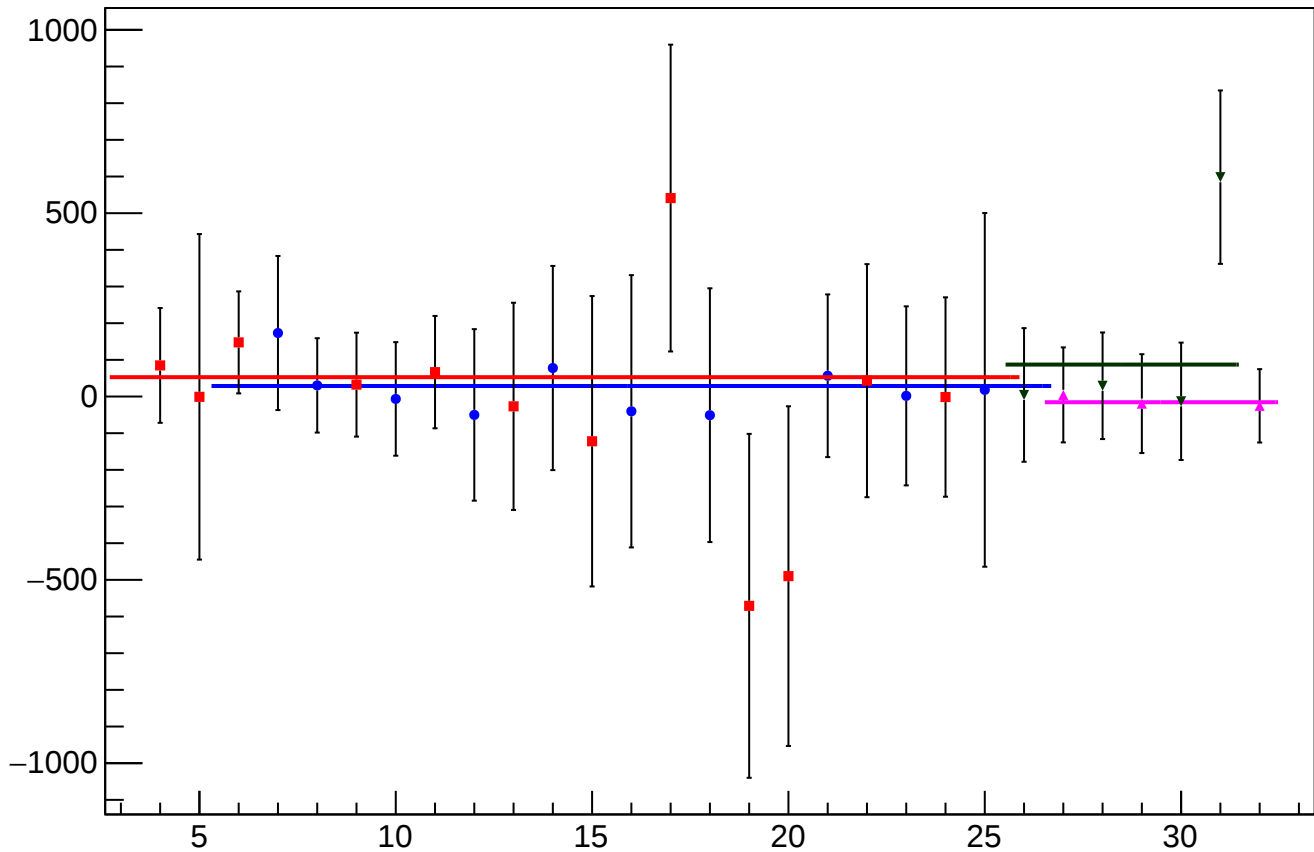
Right Out: 27.683 ± 0.010 χ^2/NDF : 4553149.3/11

Left In: 23.883 ± 0.011 χ^2/NDF : 90204.2/2

27.061 ± 0.007 χ^2/NDF : 4038753.5/13

25.967 ± 0.007 χ^2/NDF : 4713748.1/14

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: 87.121+/-86.272 χ^2/NDF : 5.4/3

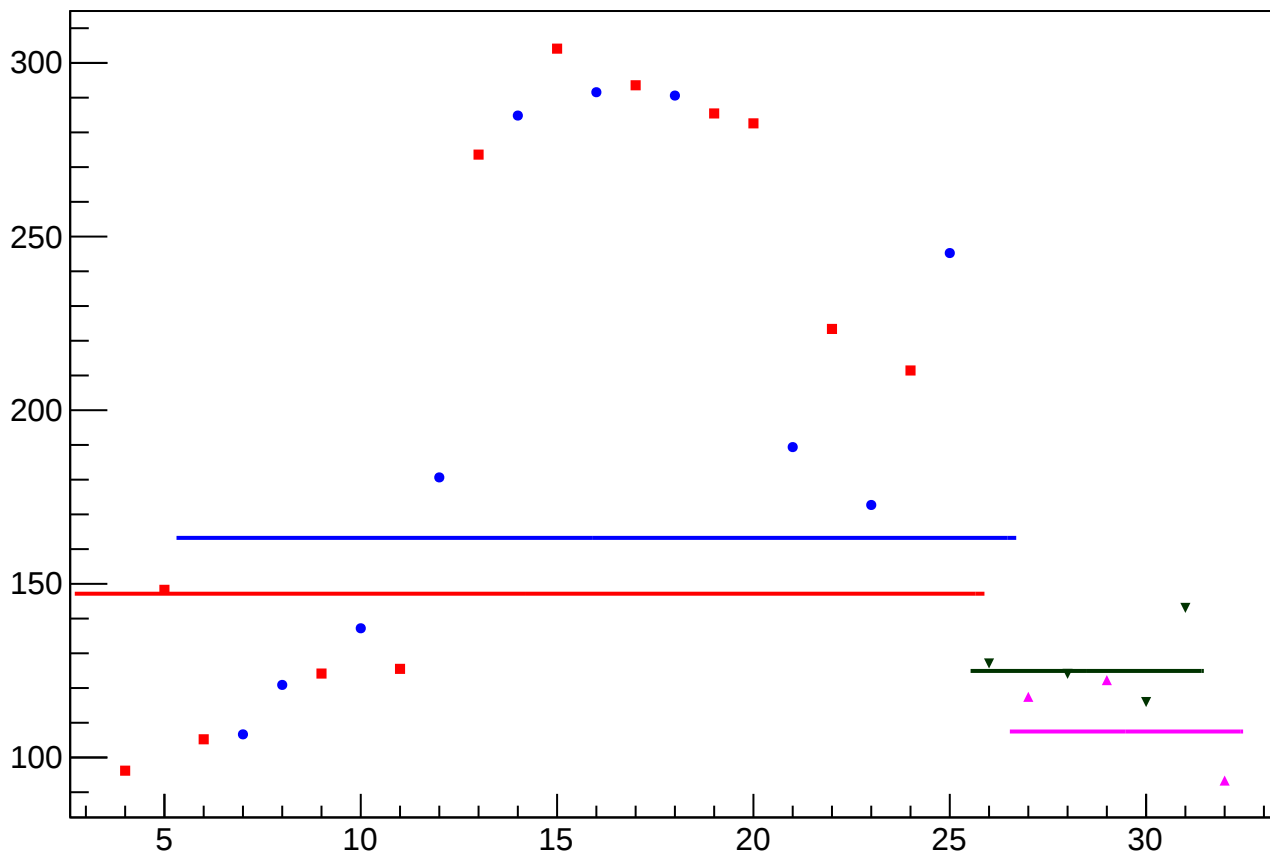
Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

Left In: -15.548+/-68.283 χ^2/NDF : 0.0/2

51.300+/-53.661 χ^2/NDF : 6.5/13

21.037+/-46.542 χ^2/NDF : 5.9/14

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: 124.922+/-0.061 χ^2/NDF :18395.5/3

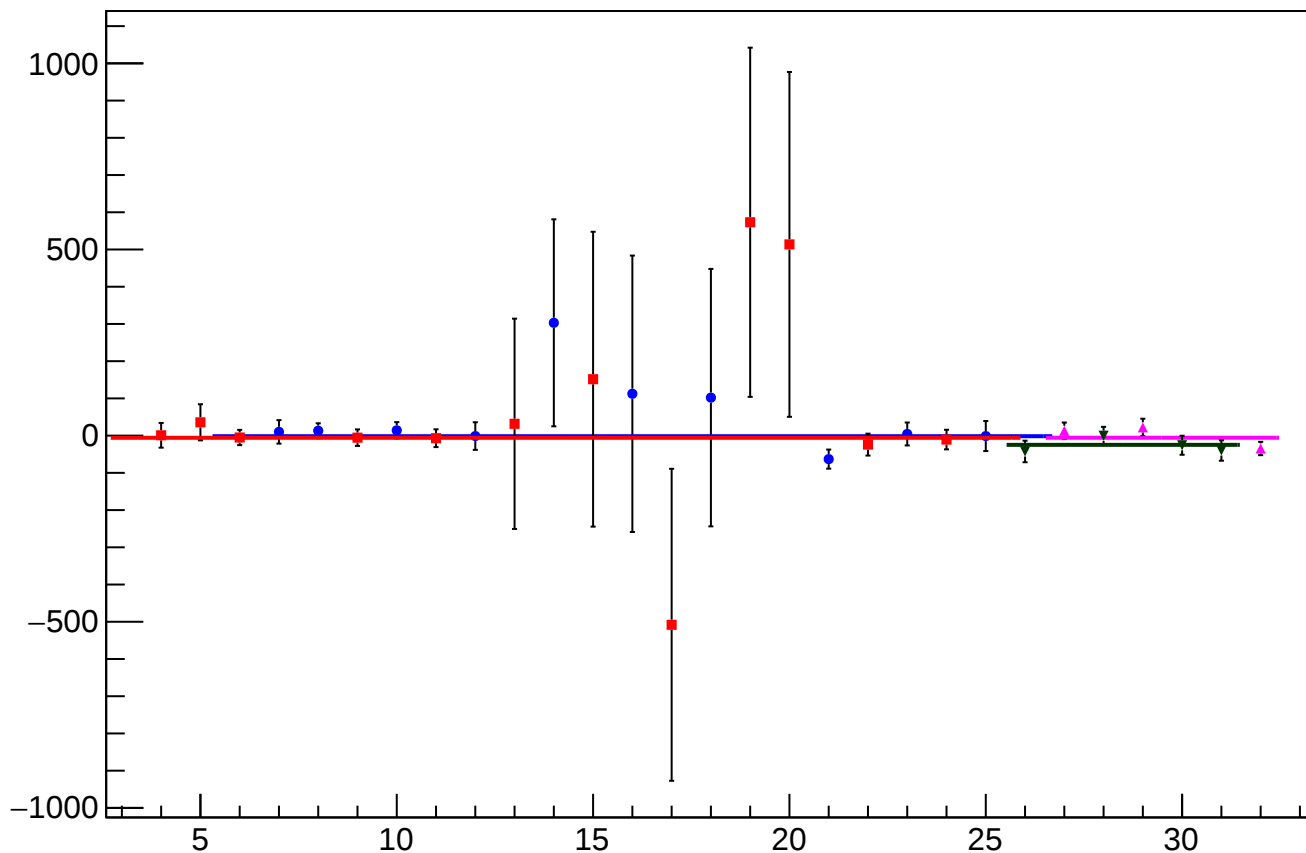
148.415+/-0.038 χ^2/NDF : 1669434.8/13

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

128.725+/-0.033 χ^2/NDF : 2454640.8/14

Left In: 107.481+/-0.048 χ^2/NDF :75822.2/2

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.518 $\pm$ 10.249 χ^2 /NDF: 8.4/9

Left Out: -24.741 $\pm$ 13.113 χ^2 /NDF:1.7/3

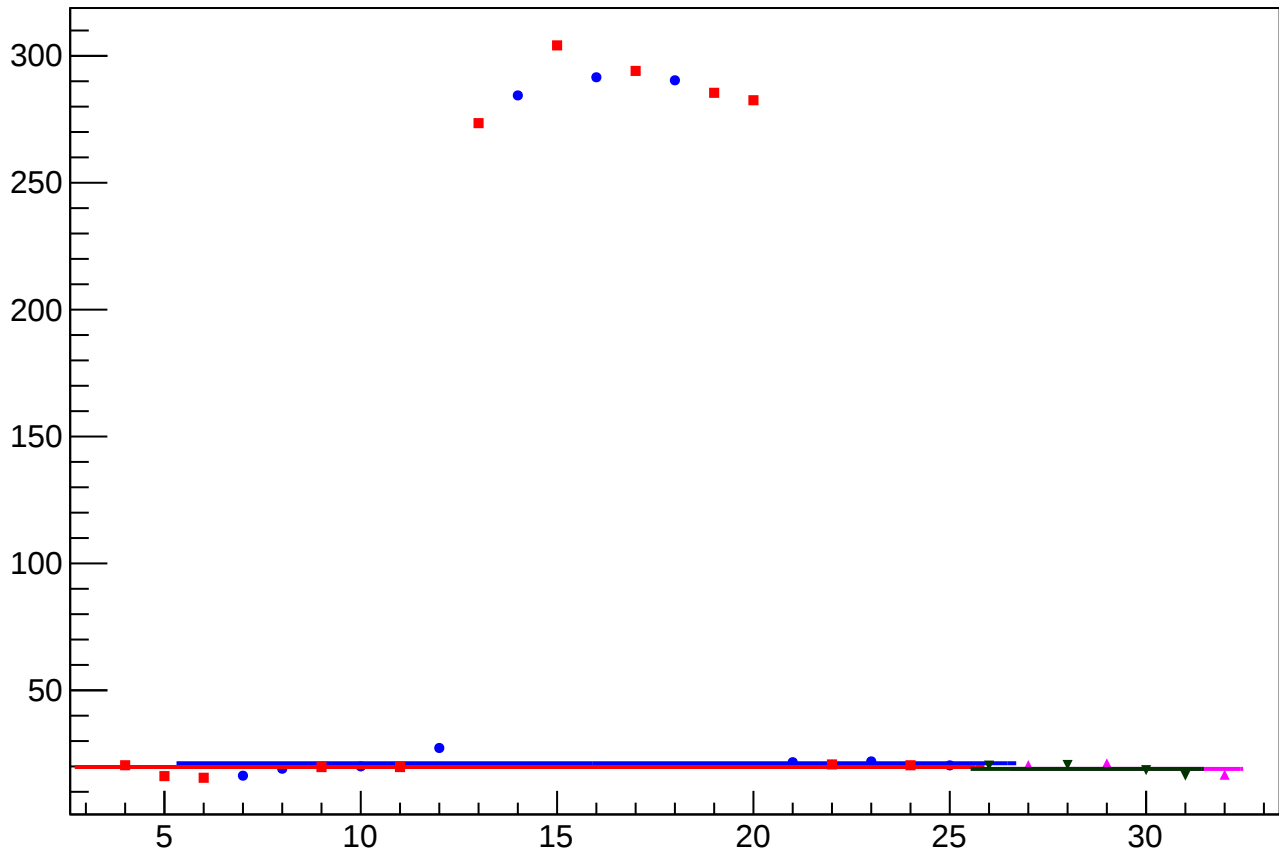
Right Out: -5.806 $\pm$ 9.942 χ^2 /NDF: 5.6/11

Left In: -5.681 $\pm$ 11.948 χ^2 /NDF:4.7/2

-10.325 $\pm$ 8.075 χ^2 /NDF: 12.1/13

-5.755 $\pm$ 7.642 χ^2 /NDF: 10.3/14

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: 19.027+/-0.009 χ^2/NDF : 31703.0/3

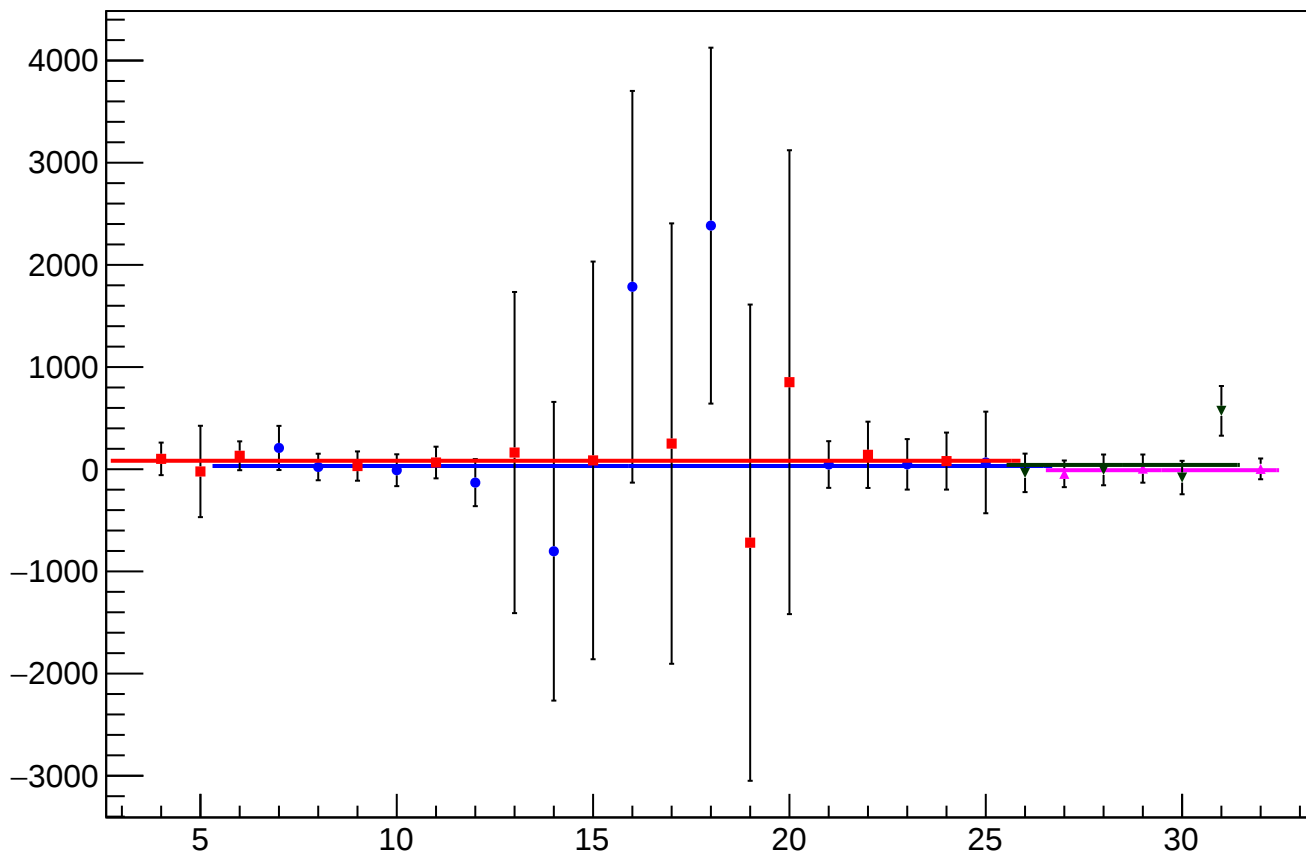
Right Out: 19.779+/-0.007 χ^2/NDF : 4888350.3/11

Left In: 19.023+/-0.008 χ^2/NDF : 59260.2/2

20.410+/-0.006 χ^2/NDF : 4264237.9/13

19.470+/-0.005 χ^2/NDF : 4952344.6/14

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: 42.167+/-88.872 χ^2/NDF : 5.6/3

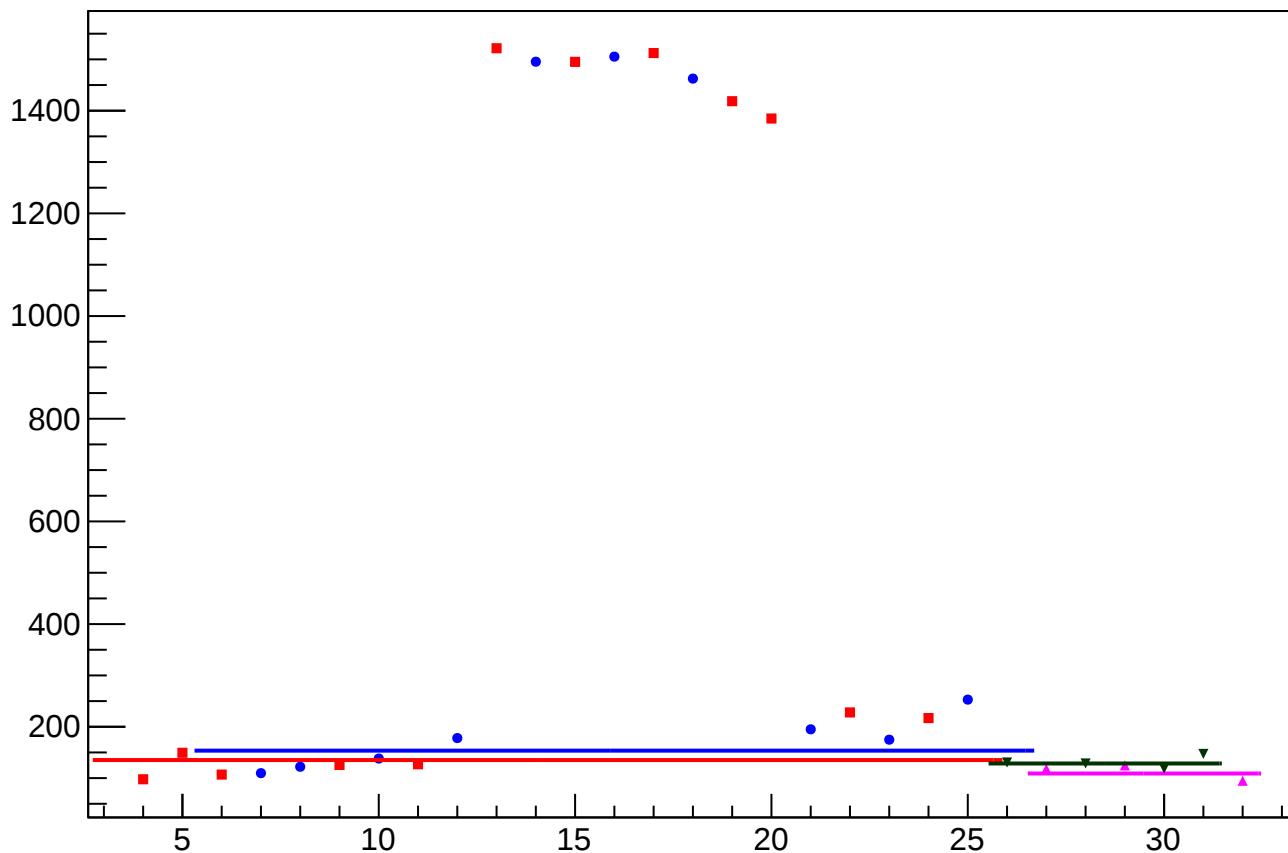
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -9.408+/-69.298 χ^2/NDF : 0.1/2

35.935+/-56.986 χ^2/NDF : 9.8/13

36.763+/-48.991 χ^2/NDF : 1.6/14

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: 128.484+/-0.063 χ^2/NDF :19390.9/3

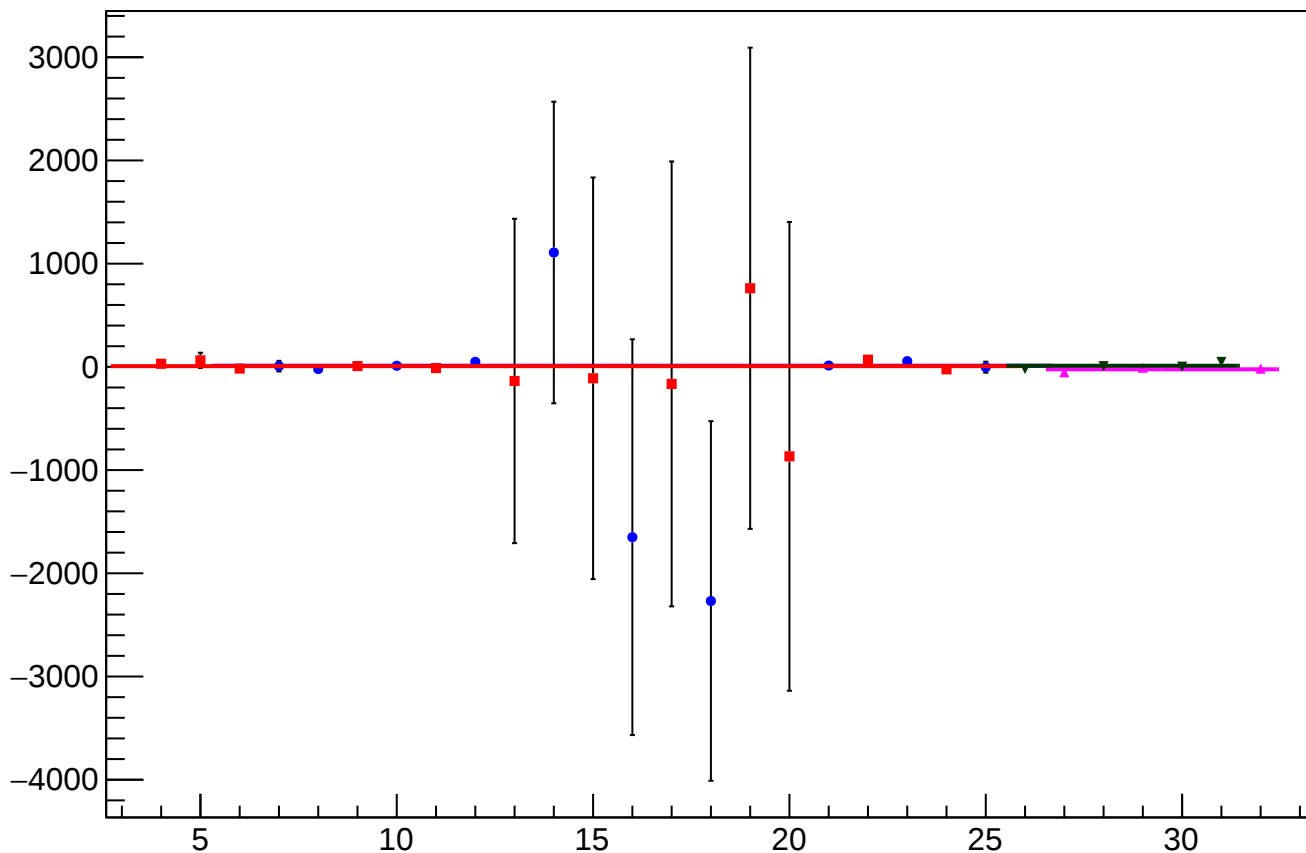
Right Out: 135.194+/-0.049 χ^2/NDF : 5104872.2/11

Left In: 109.001+/-0.049 χ^2/NDF :75096.5/2

143.228+/-0.040 χ^2/NDF : 4325223.4/13

122.102+/-0.035 χ^2/NDF : 5322892.6/14

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: 10.855+/-16.248 χ^2/NDF : 2.1/3

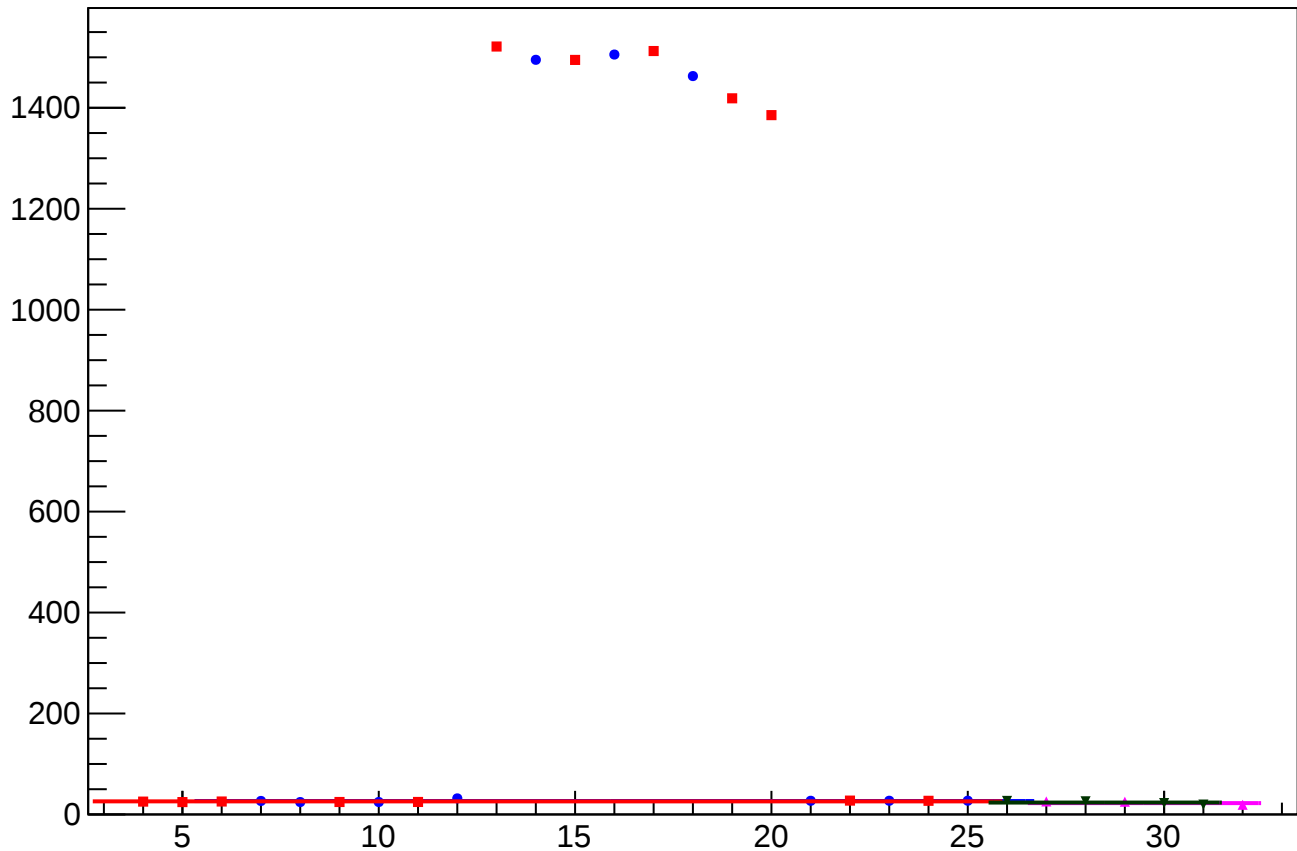
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -23.609+/-14.080 χ^2/NDF : 1.5/2

10.805+/-10.179 χ^2/NDF : 8.9/13

-7.587+/-9.710 χ^2/NDF : 9.4/14

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: 23.583+/-0.011 χ^2/NDF : 60195.4/3

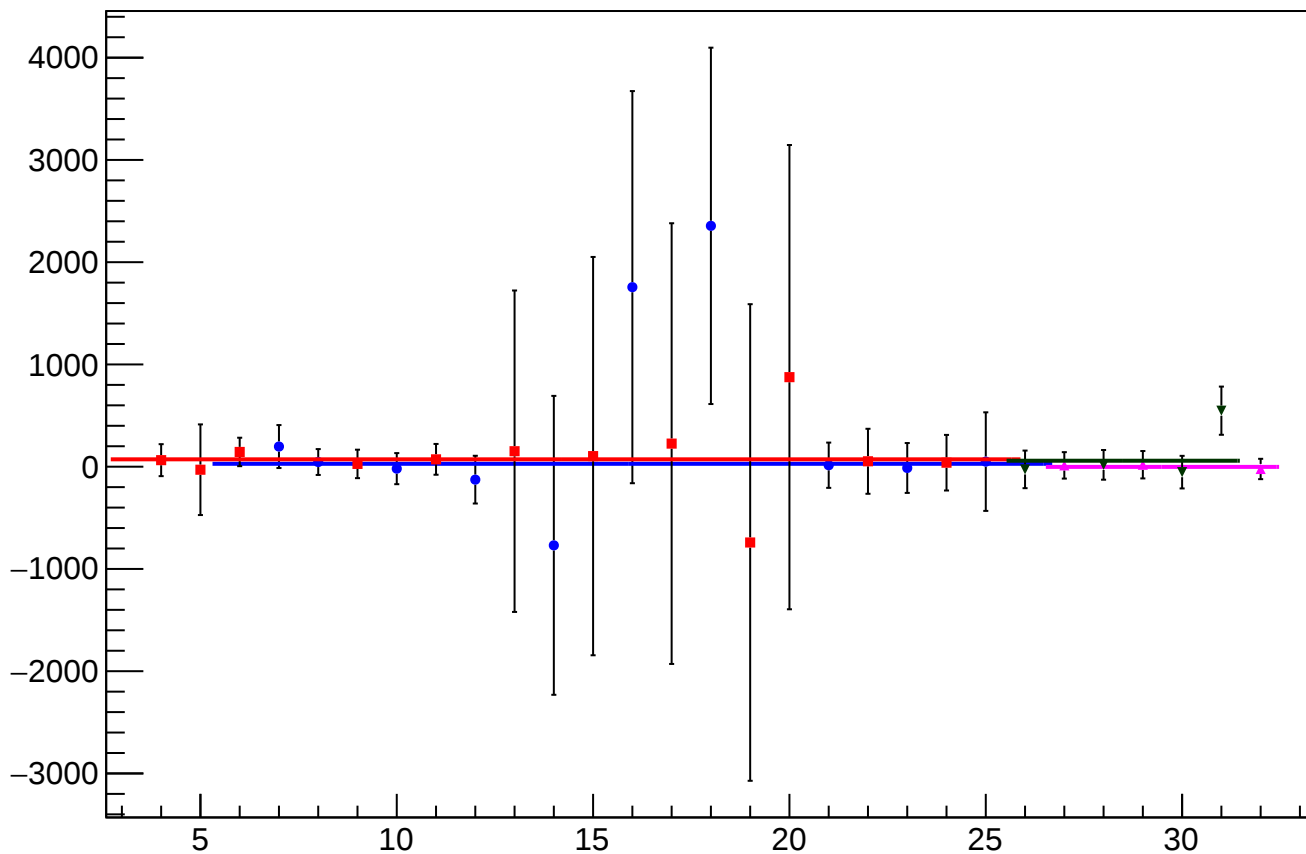
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 22.474+/-0.010 χ^2/NDF : 100294.3/2

25.411+/-0.007 χ^2/NDF : 4725892.4/13

24.293+/-0.007 χ^2/NDF : 5510918.6/14

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 28.299+/-72.672 χ^2/NDF : 4.1/9

Left Out: 58.326+/-86.251 χ^2/NDF : 5.1/3

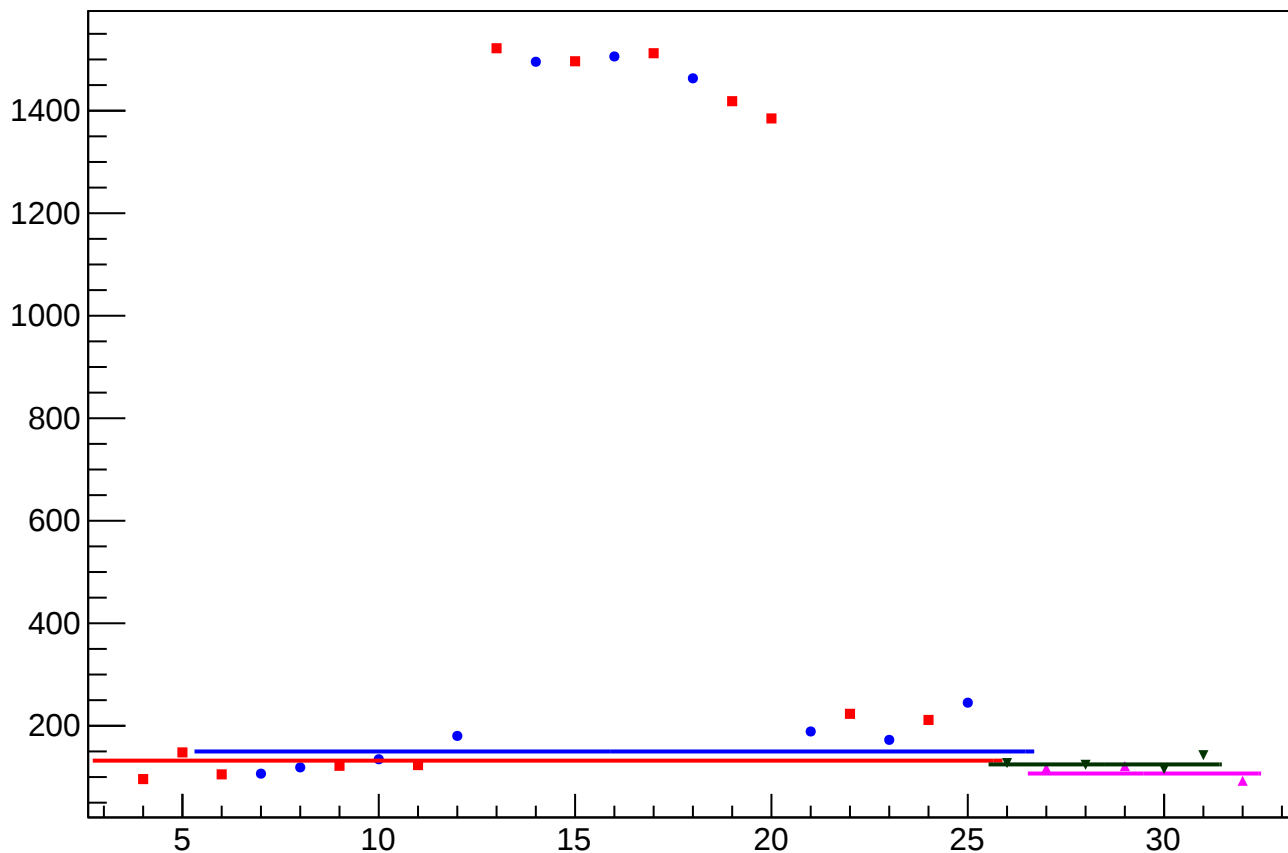
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: -1.940+/-67.946 χ^2/NDF : 0.1/2

40.765+/-55.575 χ^2/NDF : 9.3/13

35.172+/-47.963 χ^2/NDF : 1.4/14

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: 124.660+/-0.061 χ^2/NDF : 18710.0/3

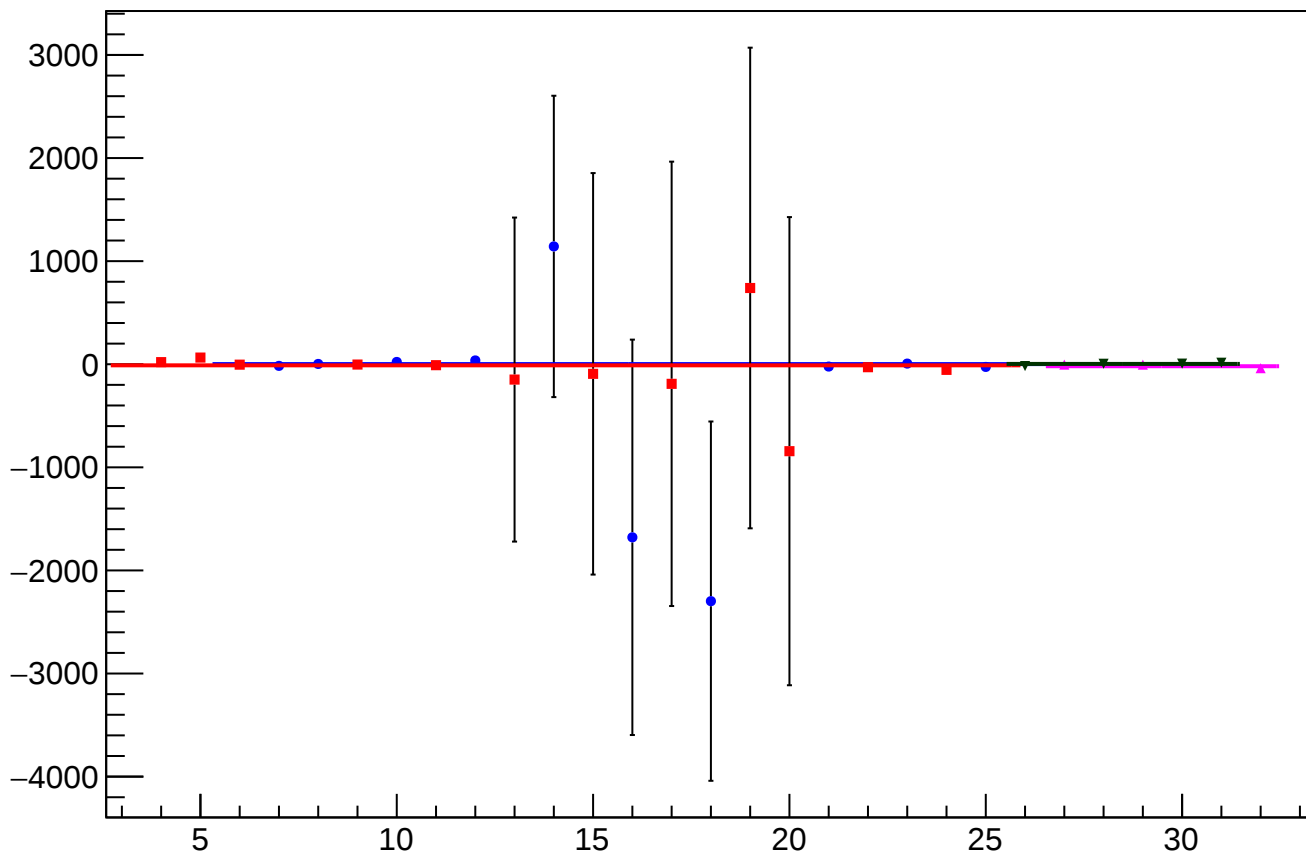
Right Out: 132.035+/-0.048 χ^2/NDF : 5119688.9/11

Left In: 106.915+/-0.048 χ^2/NDF : 76968.1/2

139.422+/-0.039 χ^2/NDF : 4366301.9/13

119.518+/-0.034 χ^2/NDF : 5333807.7/14

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: 3.072+/-12.131 χ^2/NDF : 0.8/3

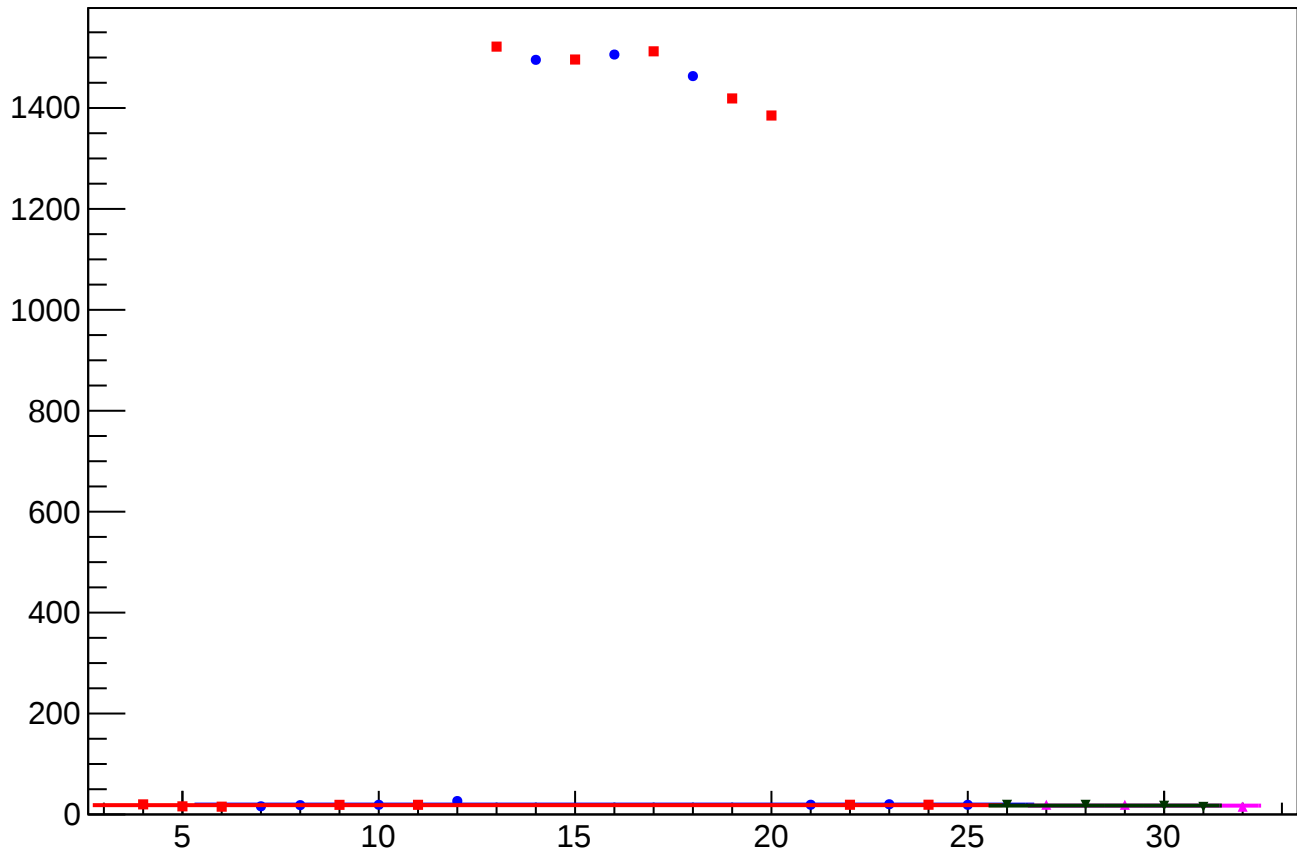
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

Left In: -19.220+/-10.916 χ^2/NDF : 2.5/2

2.065+/-7.567 χ^2/NDF : 7.9/13

-14.330+/-7.211 χ^2/NDF : 10.3/14

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: 17.649+/-0.009 χ^2/NDF : 37447.4/3

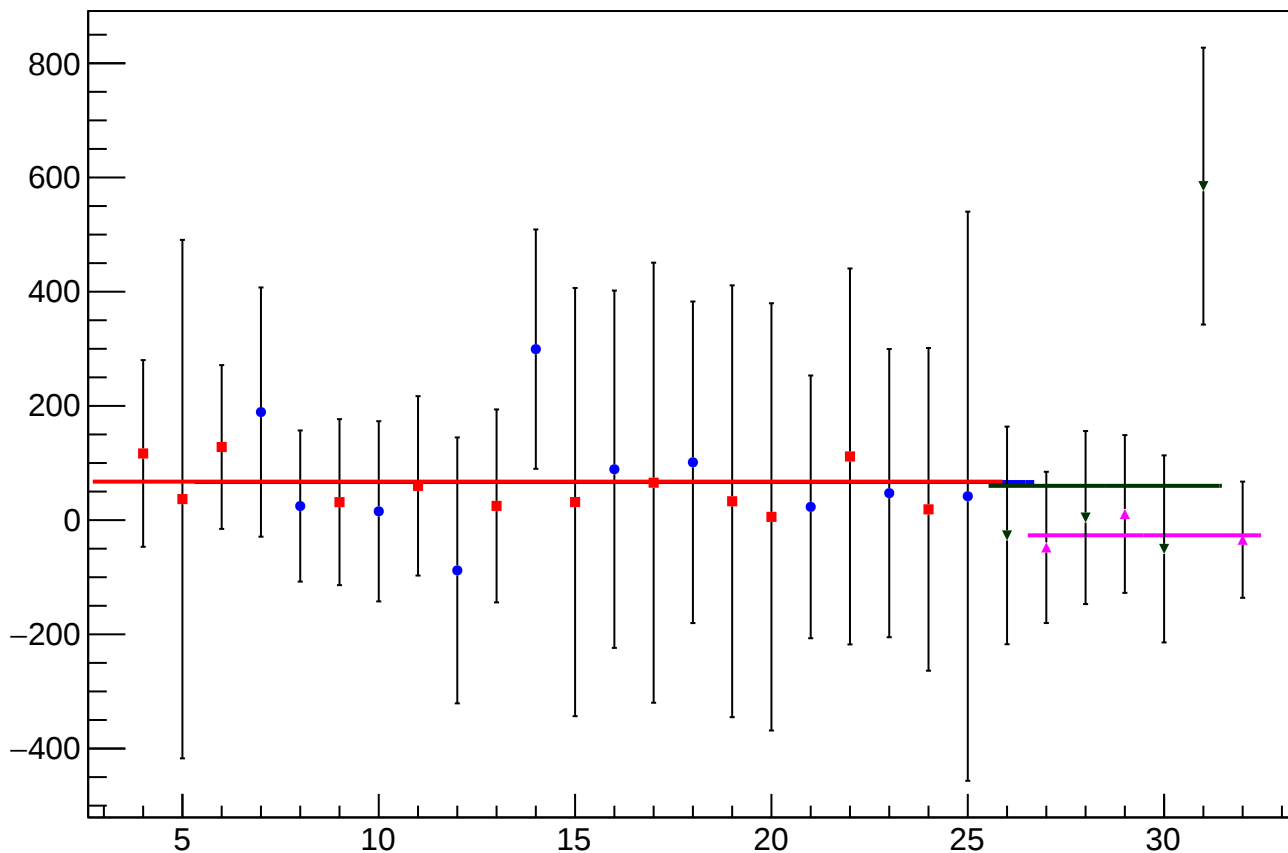
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 17.490+/-0.008 χ^2/NDF : 60394.3/2

18.797+/-0.005 χ^2/NDF : 4788860.9/13

18.026+/-0.005 χ^2/NDF : 5518037.0/14

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: 60.047 ± 89.303 χ^2/NDF : 5.5/3

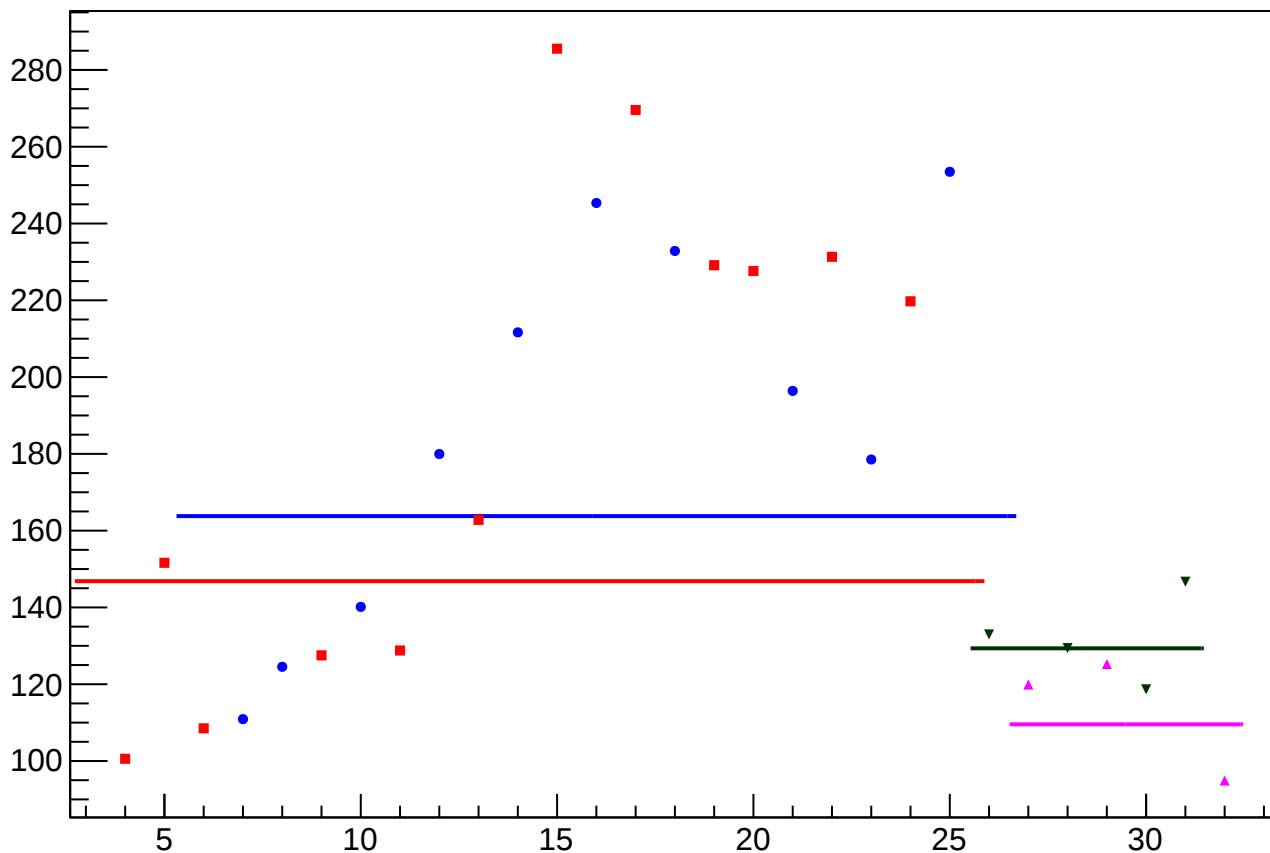
Right Out: 67.441 ± 61.599 χ^2/NDF : 0.5/11

Left In: -26.577 ± 69.672 χ^2/NDF : 0.1/2

64.285 ± 53.737 χ^2/NDF : 7.7/13

26.193 ± 46.149 χ^2/NDF : 1.6/14

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: 129.346 $\pm$ 0.063 χ^2 /NDF: 19468.2/3

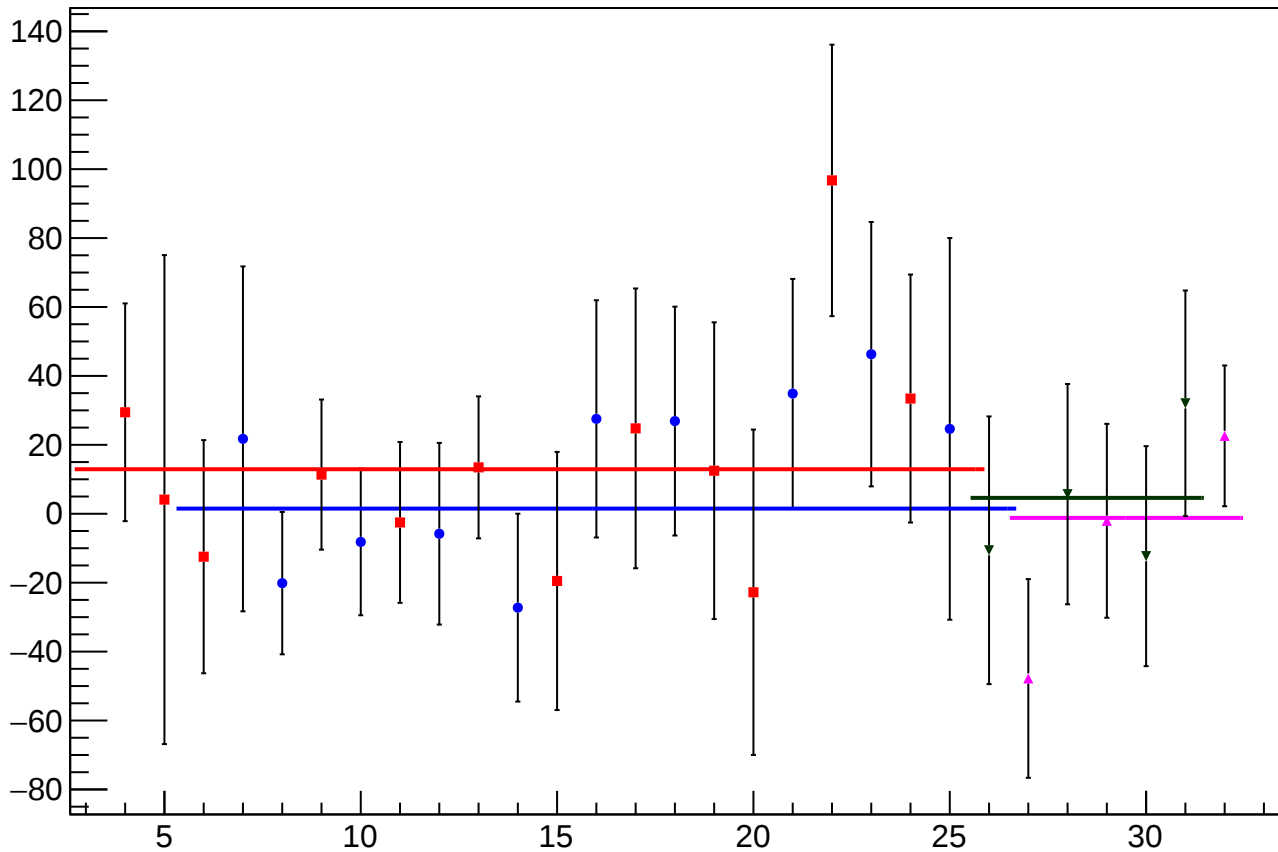
151.320 $\pm$ 0.038 χ^2 /NDF: 1029588.5/13

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

130.482 $\pm$ 0.033 χ^2 /NDF: 1713312.1/14

Left In: 109.554 $\pm$ 0.049 χ^2 /NDF: 79445.5/2

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: 4.610 ± 16.768 χ^2/NDF : 1.1/3

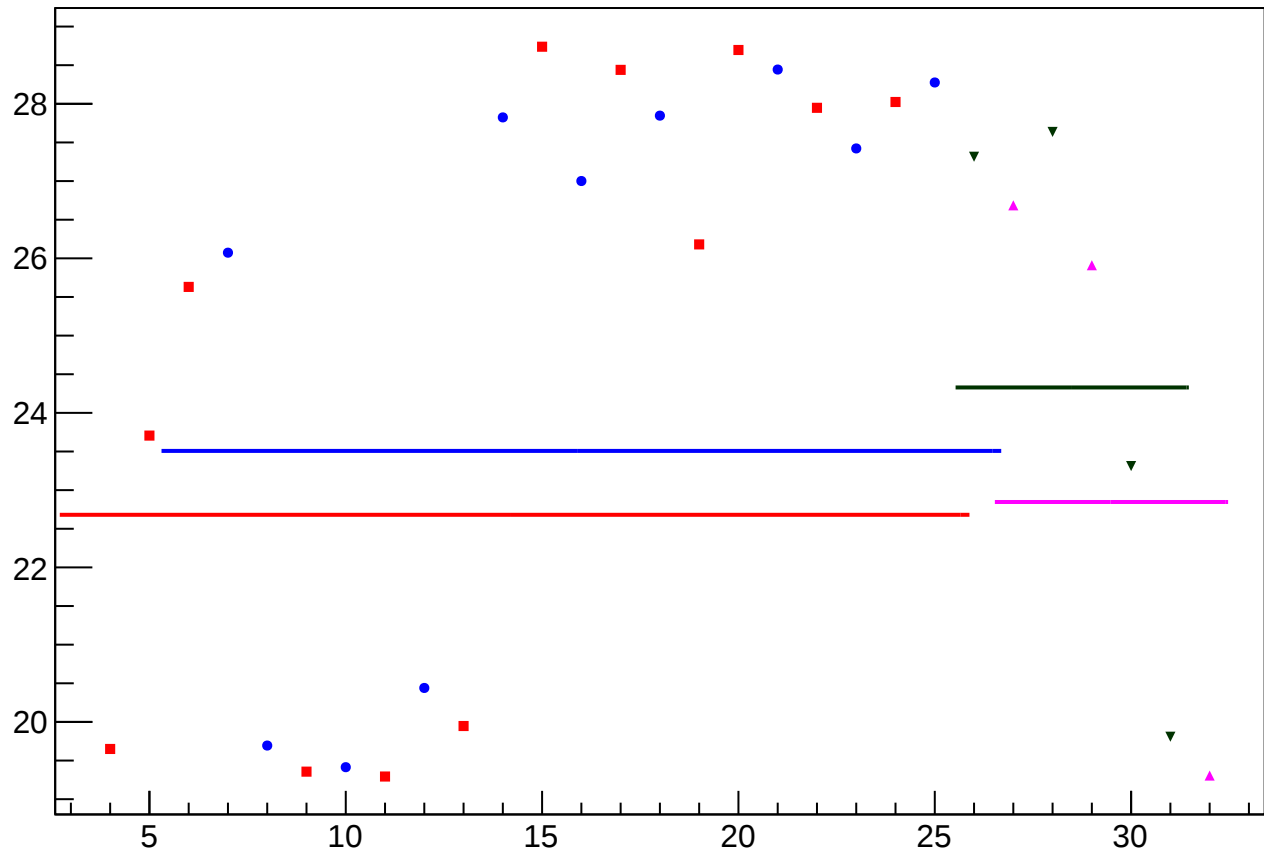
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: -1.205 ± 14.339 χ^2/NDF : 4.0/2

2.238 ± 8.177 χ^2/NDF : 7.5/13

8.870 ± 7.678 χ^2/NDF : 12.2/14

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: 24.329+/-0.012 χ^2/NDF : 73407.4/3

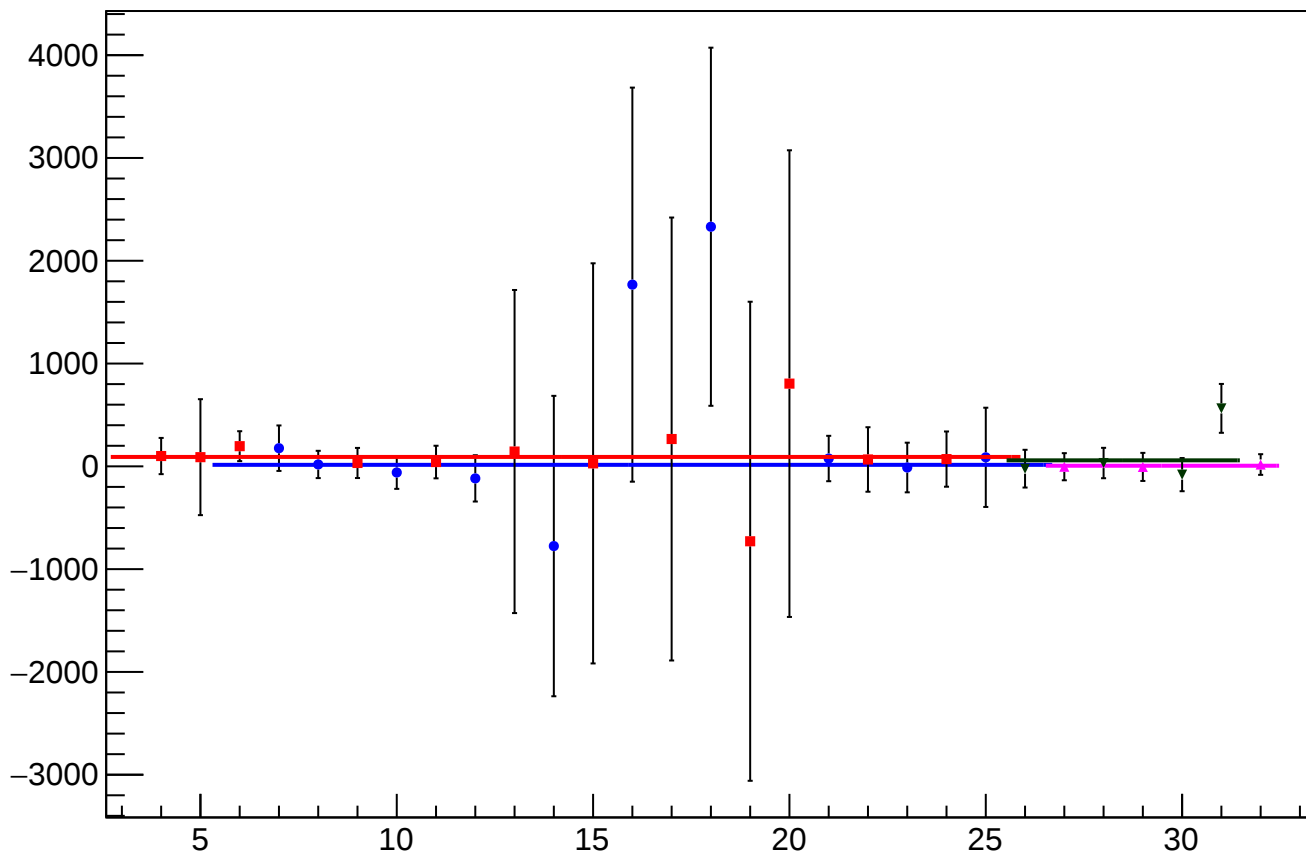
23.703+/-0.006 χ^2/NDF : 436230.0/13

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

22.728+/-0.005 χ^2/NDF : 495578.5/14

Left In: 22.847+/-0.010 χ^2/NDF : 119306.3/2

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: 58.447+/-87.203 χ^2/NDF : 5.5/3

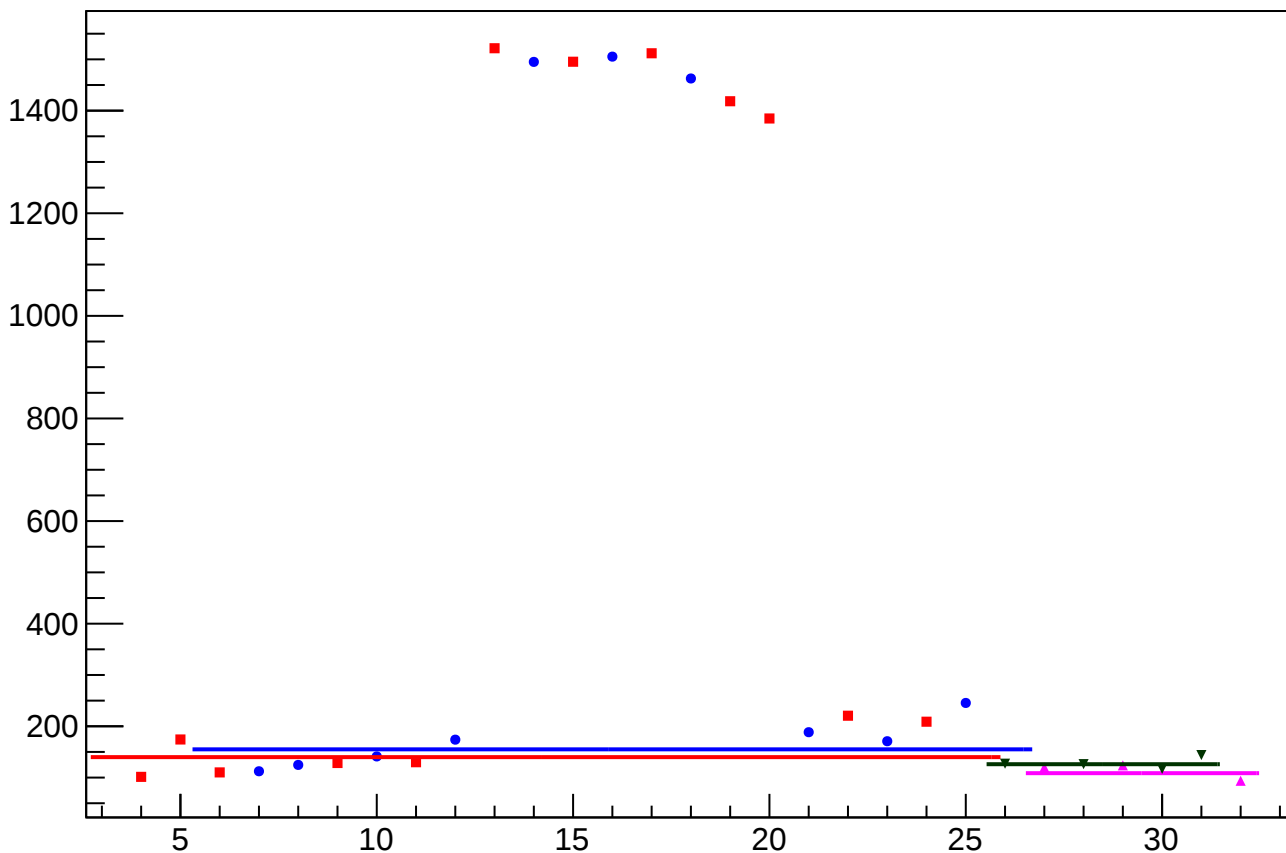
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: 5.953+/-68.989 χ^2/NDF : 0.0/2

33.186+/-56.718 χ^2/NDF : 9.7/13

47.057+/-49.732 χ^2/NDF : 1.8/14

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 126.071+/-0.062 χ^2/NDF :17670.6/3

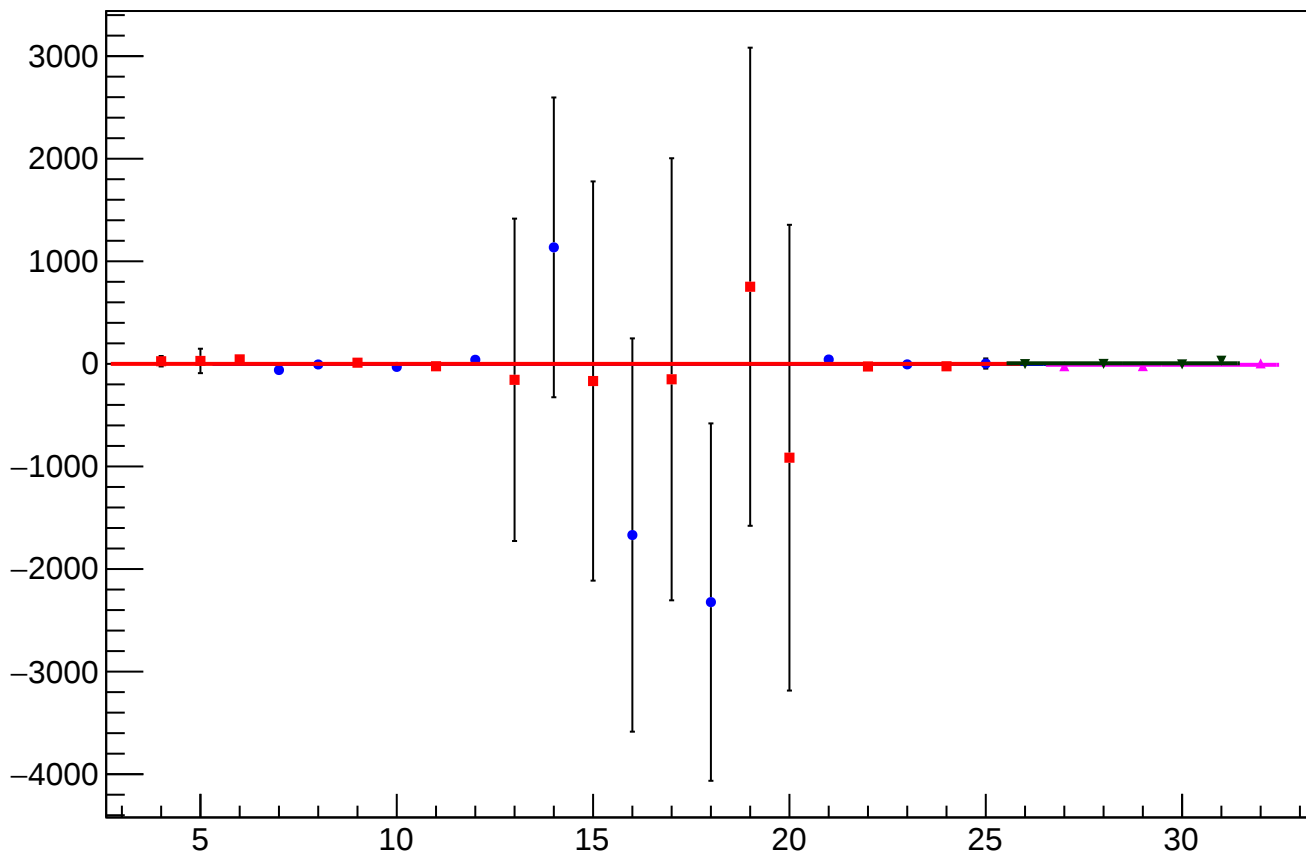
142.791+/-0.040 χ^2/NDF : 4279560.1/13

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

123.617+/-0.035 χ^2/NDF : 5281994.7/14

Left In: 108.593+/-0.049 χ^2/NDF :82795.7/2

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: 5.581+/-16.373 χ^2/NDF : 0.8/3

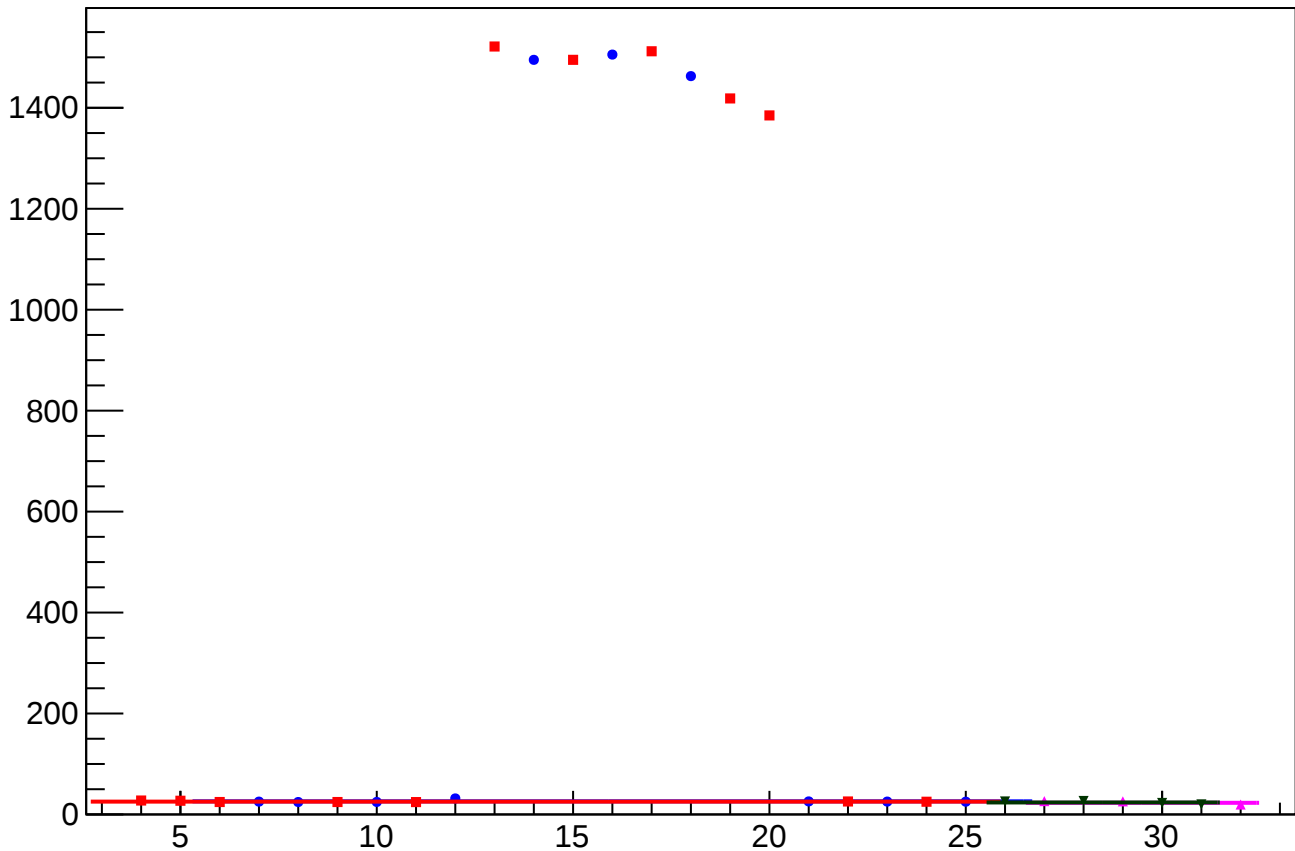
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -9.102+/-14.442 χ^2/NDF : 0.9/2

1.331+/-10.068 χ^2/NDF : 9.7/13

-4.246+/-9.829 χ^2/NDF : 5.4/14

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 25.998+/-0.009 χ^2/NDF : 4621099.1/9

Left Out: 23.779+/-0.012 χ^2/NDF :51941.3/3

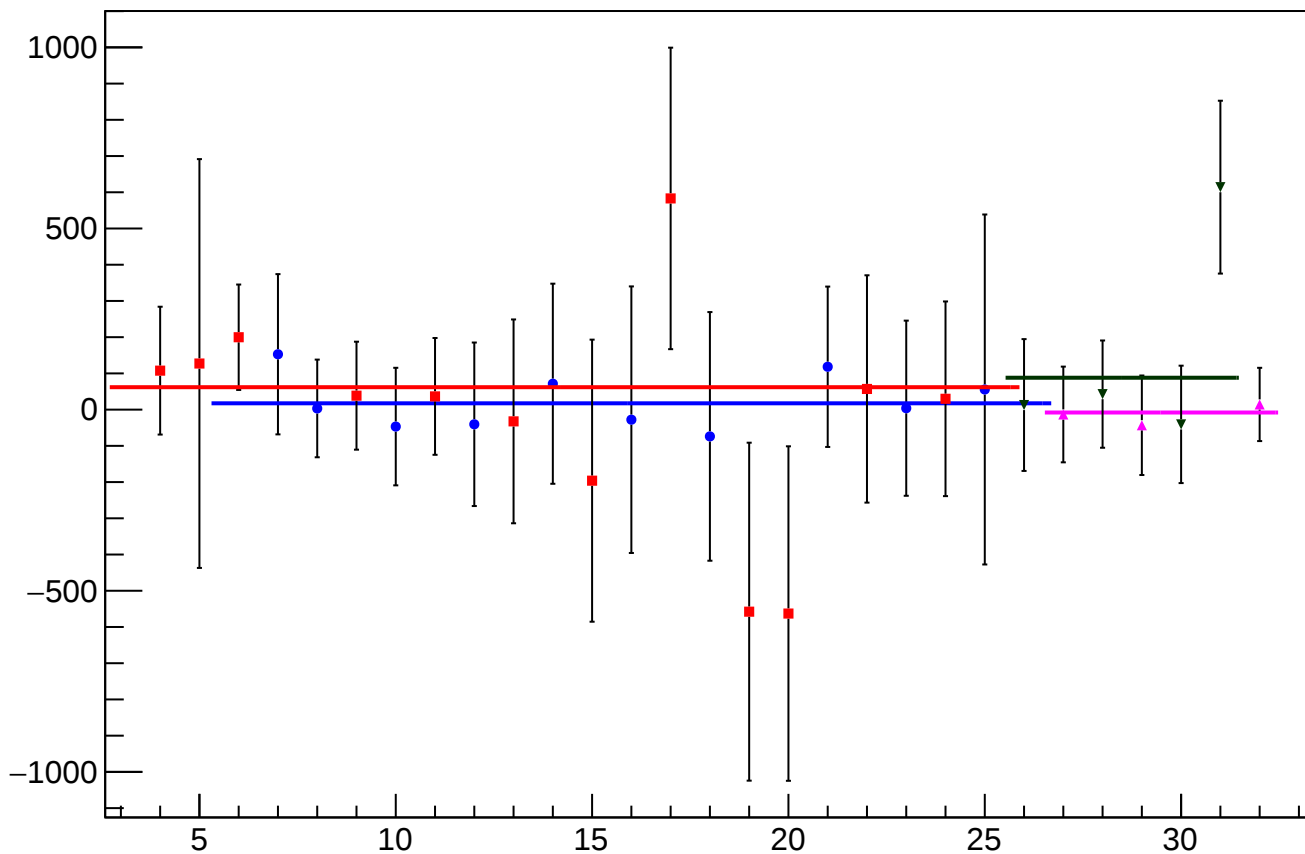
Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

Left In: 23.057+/-0.010 χ^2/NDF :102278.2/2

25.159+/-0.007 χ^2/NDF : 4695890.1/13

24.331+/-0.007 χ^2/NDF : 5477560.8/14

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: 88.041+/-87.206 χ^2/NDF : 5.8/3

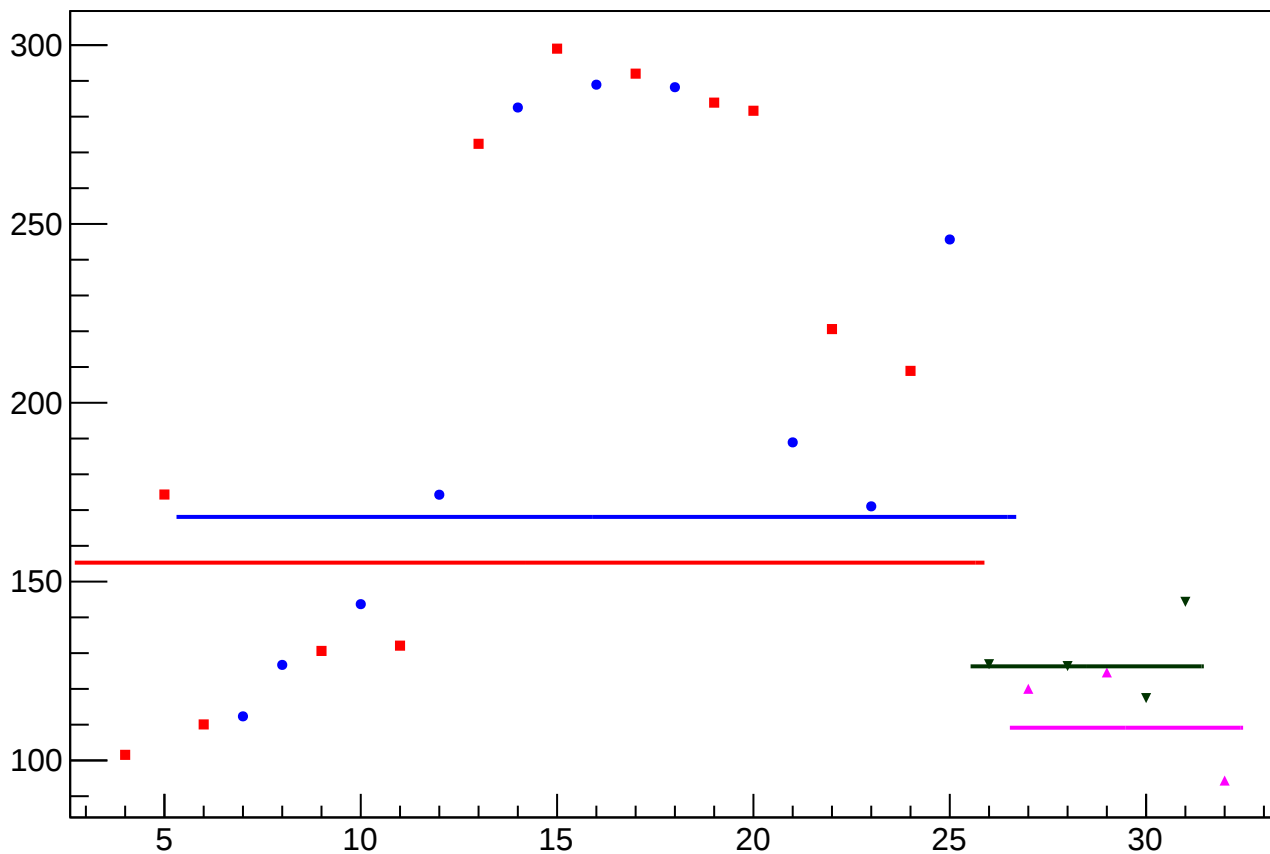
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: -7.958+/-69.317 χ^2/NDF : 0.1/2

45.127+/-54.605 χ^2/NDF : 7.1/13

28.287+/-48.088 χ^2/NDF : 7.4/14

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 126.308 $\pm$ 0.062 χ^2 /NDF:17456.7/3

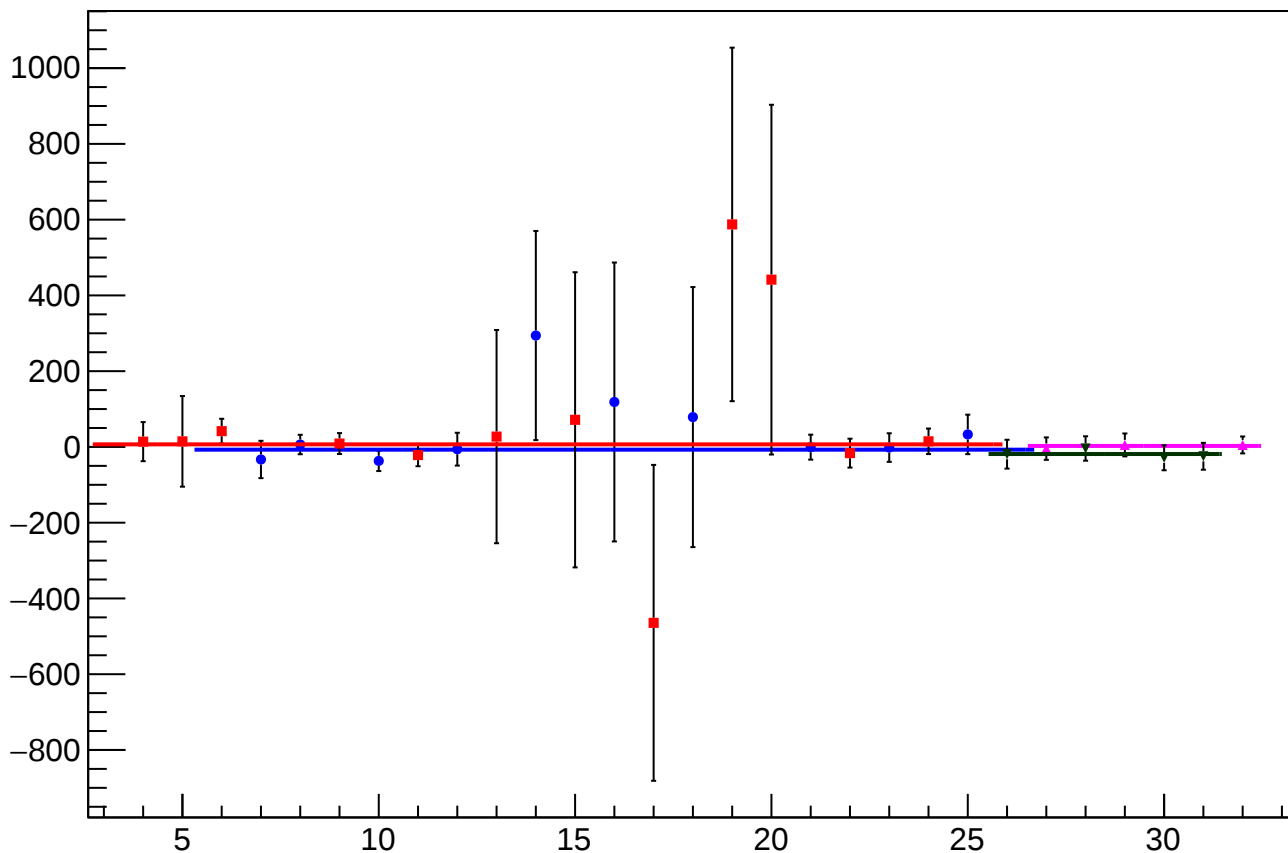
151.708 $\pm$ 0.039 χ^2 /NDF: 1532861.7/13

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

133.086 $\pm$ 0.034 χ^2 /NDF: 2322101.8/14

Left In: 109.145 $\pm$ 0.049 χ^2 /NDF:81627.2/2

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: -18.743 ± 17.232 χ^2/NDF : 0.3/3

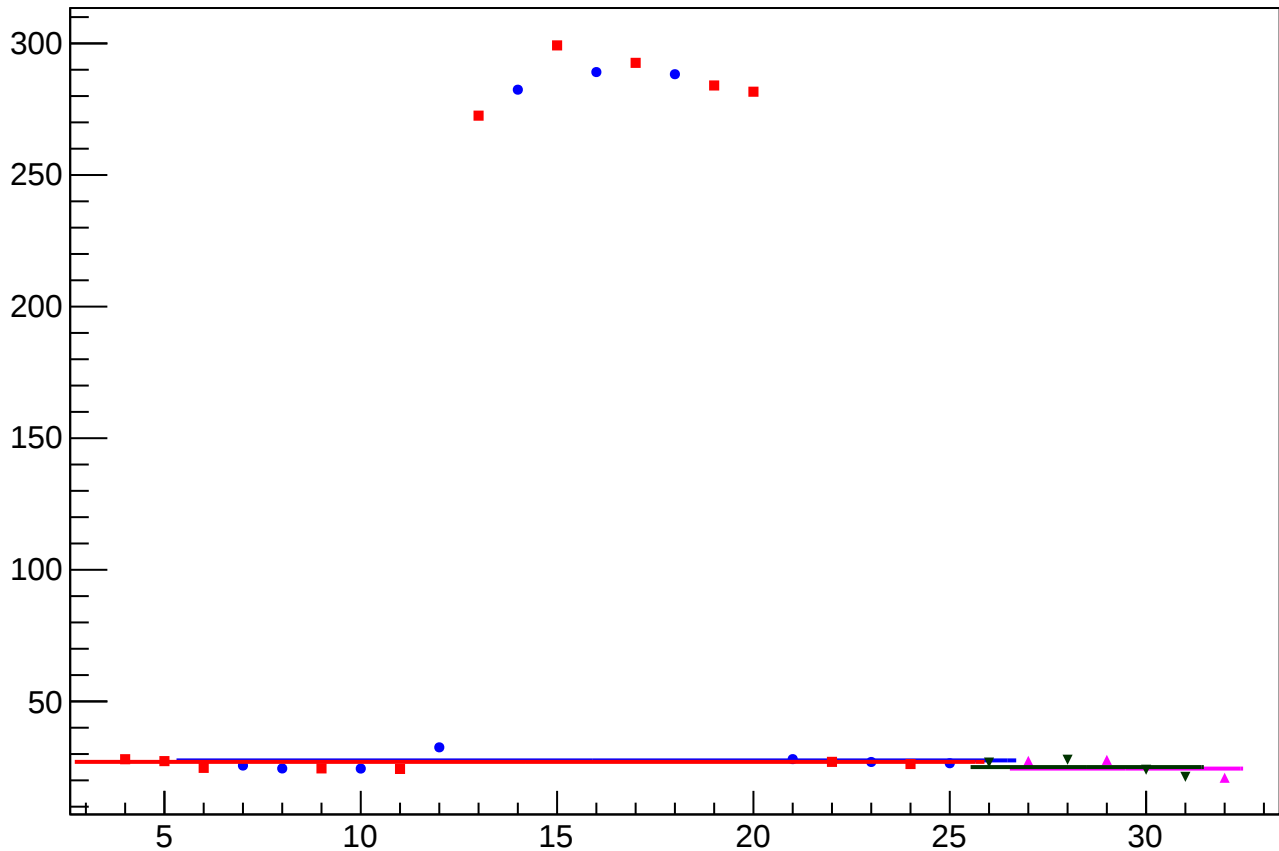
Right Out: 6.763 ± 13.545 χ^2/NDF : 6.3/11

Left In: 2.628 ± 15.361 χ^2/NDF : 0.1/2

-11.431 ± 10.403 χ^2/NDF : 4.4/13

4.955 ± 10.160 χ^2/NDF : 6.4/14

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 27.582+/-0.009 χ^2/NDF : 3953856.3/9

Left Out: 25.043+/-0.012 χ^2/NDF : 42838.4/3

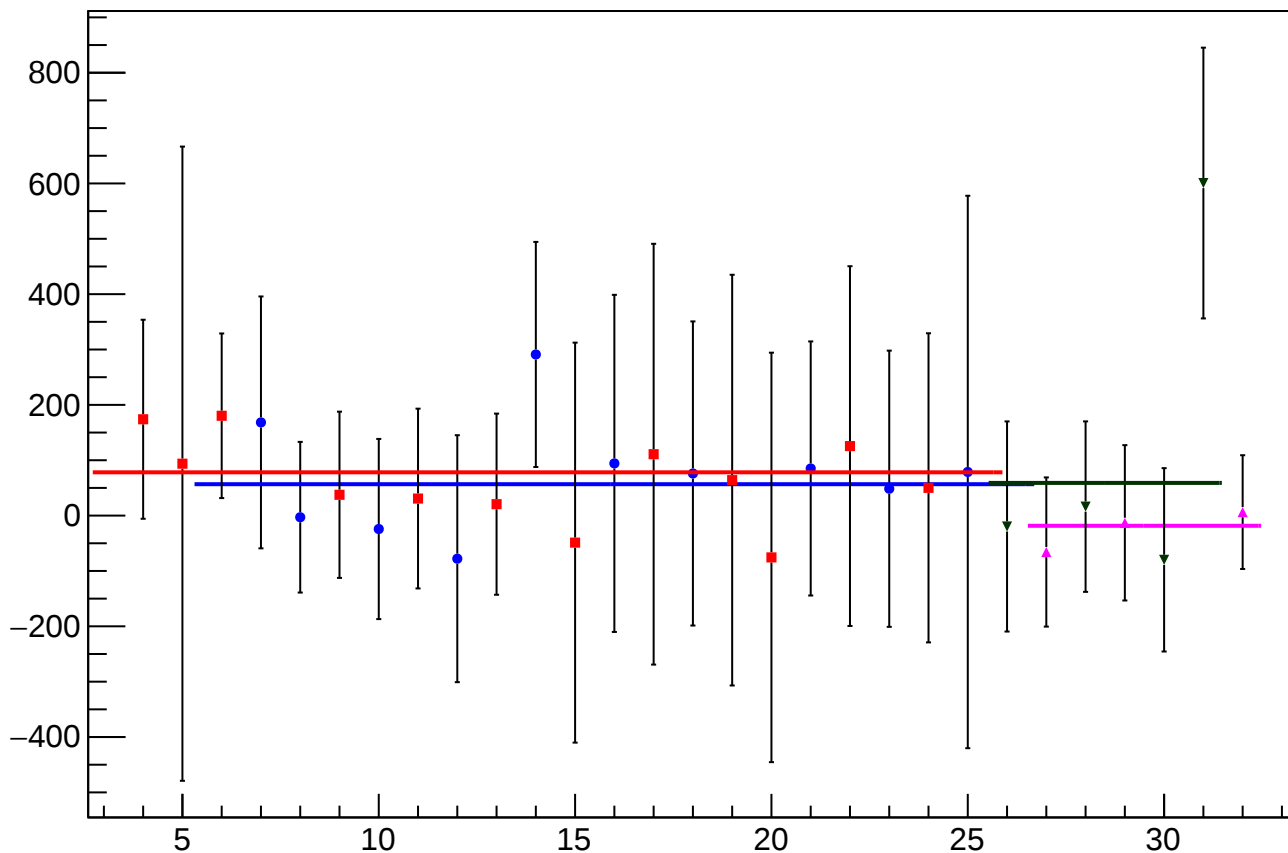
Right Out: 27.023+/-0.010 χ^2/NDF : 4568943.2/11

Left In: 24.470+/-0.011 χ^2/NDF : 92334.7/2

26.657+/-0.007 χ^2/NDF : 4024280.3/13

25.906+/-0.007 χ^2/NDF : 4692360.8/14

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: 59.049 ± 90.126 χ^2/NDF : 5.9/3

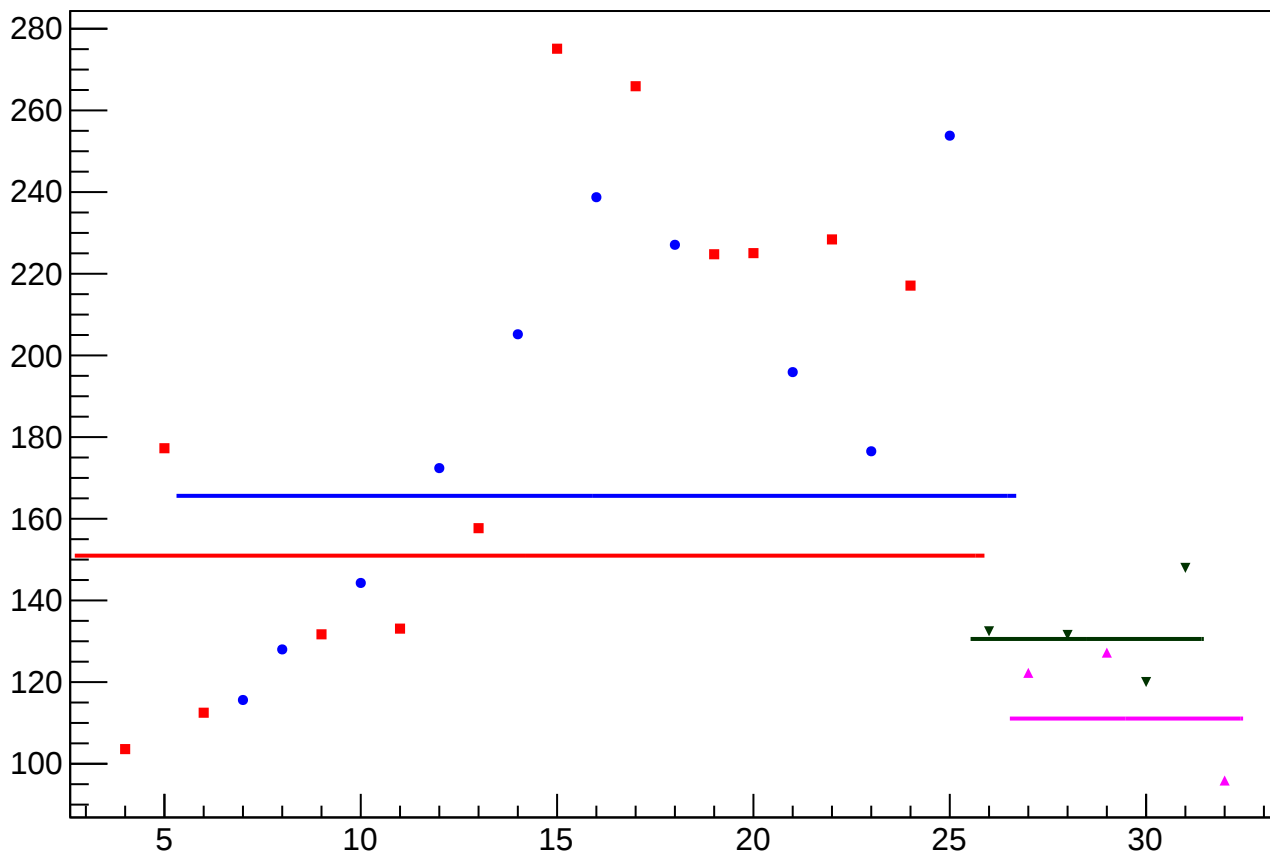
Right Out: 78.185 ± 63.204 χ^2/NDF : 1.4/11

Left In: -18.383 ± 70.608 χ^2/NDF : 0.2/2

57.558 ± 54.106 χ^2/NDF : 8.3/13

35.228 ± 47.093 χ^2/NDF : 2.6/14

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 130.566 $\pm$ 0.064 χ^2 /NDF:18516.8/3

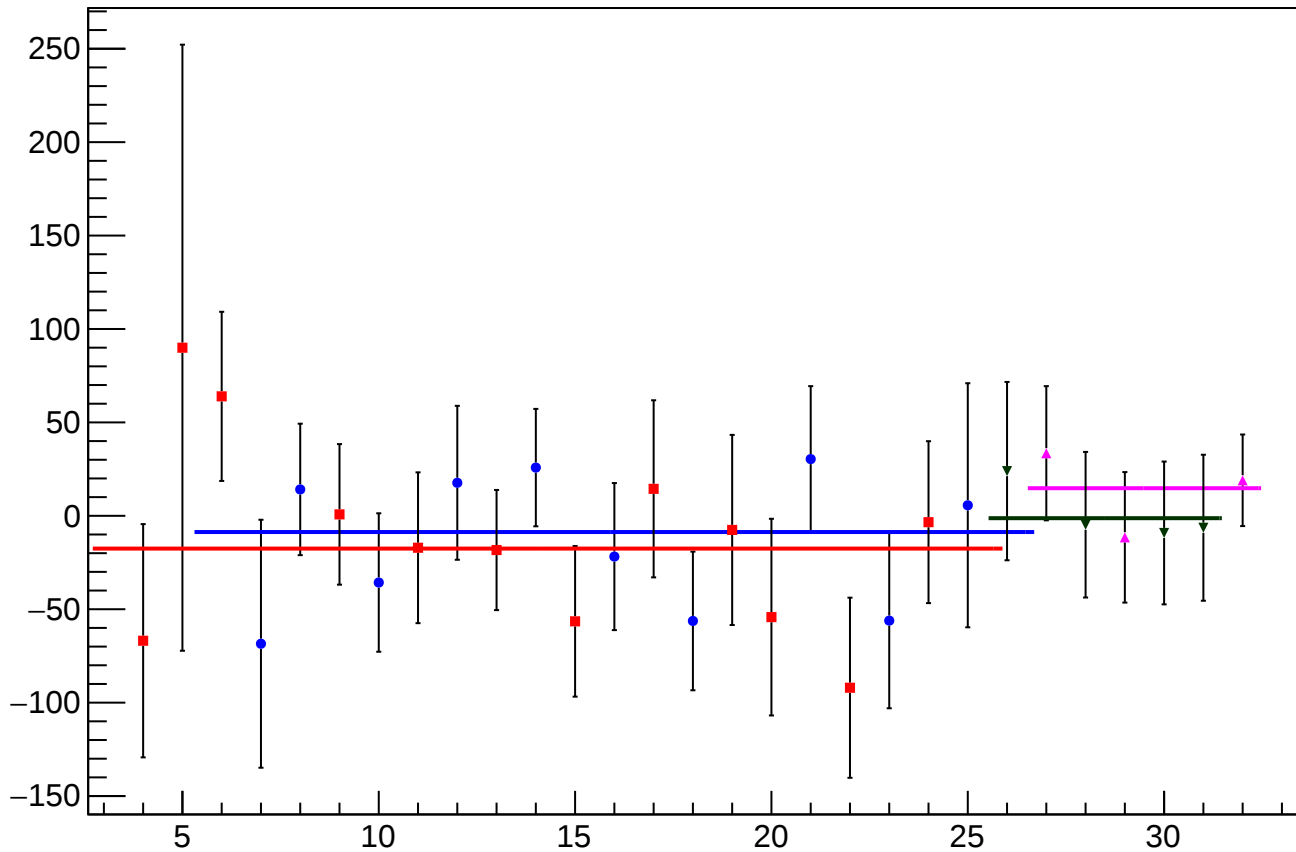
152.983 $\pm$ 0.038 χ^2 /NDF: 889972.1/13

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

133.221 $\pm$ 0.033 χ^2 /NDF: 1580205.9/14

Left In: 111.073 $\pm$ 0.050 χ^2 /NDF:83889.4/2

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: -1.270 ± 20.255 χ^2/NDF : 0.3/3

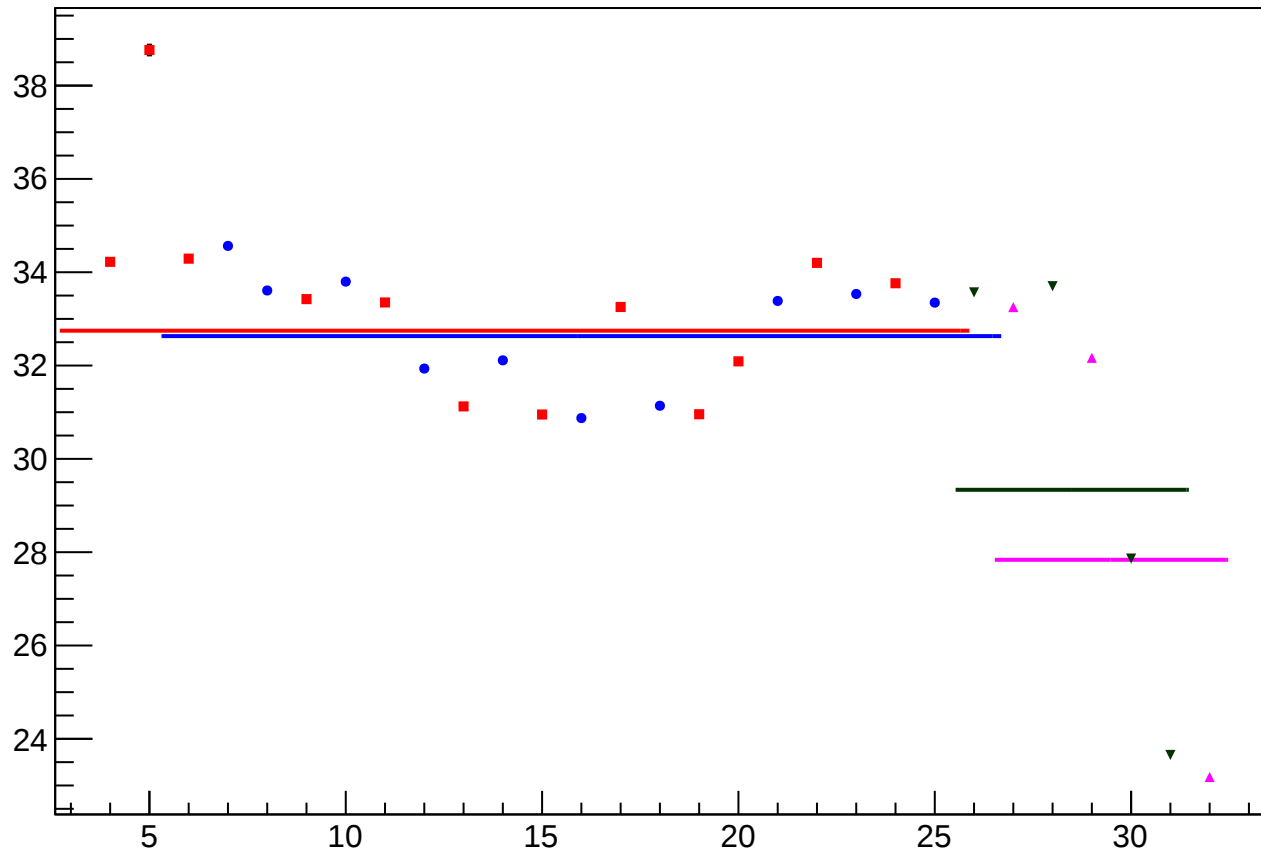
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: 14.778 ± 17.515 χ^2/NDF : 0.9/2

-6.561 ± 10.833 χ^2/NDF : 7.6/13

-5.962 ± 10.483 χ^2/NDF : 12.0/14

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 29.337 $\pm$ 0.014 χ^2/NDF : 86092.1/3

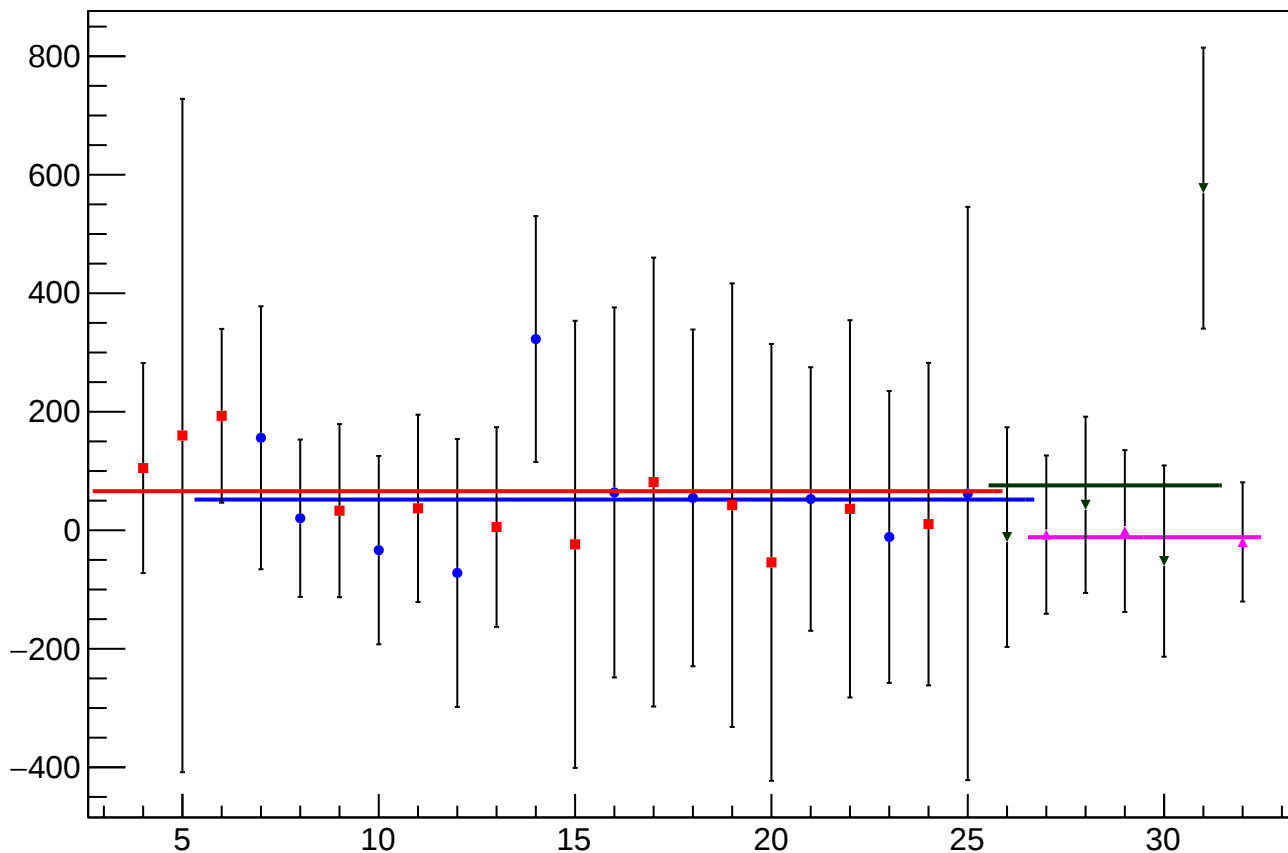
Right Out: 32.747 $\pm$ 0.009 χ^2/NDF : 22297.5/11

Left In: 27.837 $\pm$ 0.012 χ^2/NDF : 148357.9/2

31.689 $\pm$ 0.008 χ^2/NDF : 139143.8/13

30.988 $\pm$ 0.007 χ^2/NDF : 271536.6/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.834 $\pm$ 66.963 χ^2/NDF : 2.6/9

Left Out: 75.763 $\pm$ 87.542 χ^2/NDF : 5.4/3

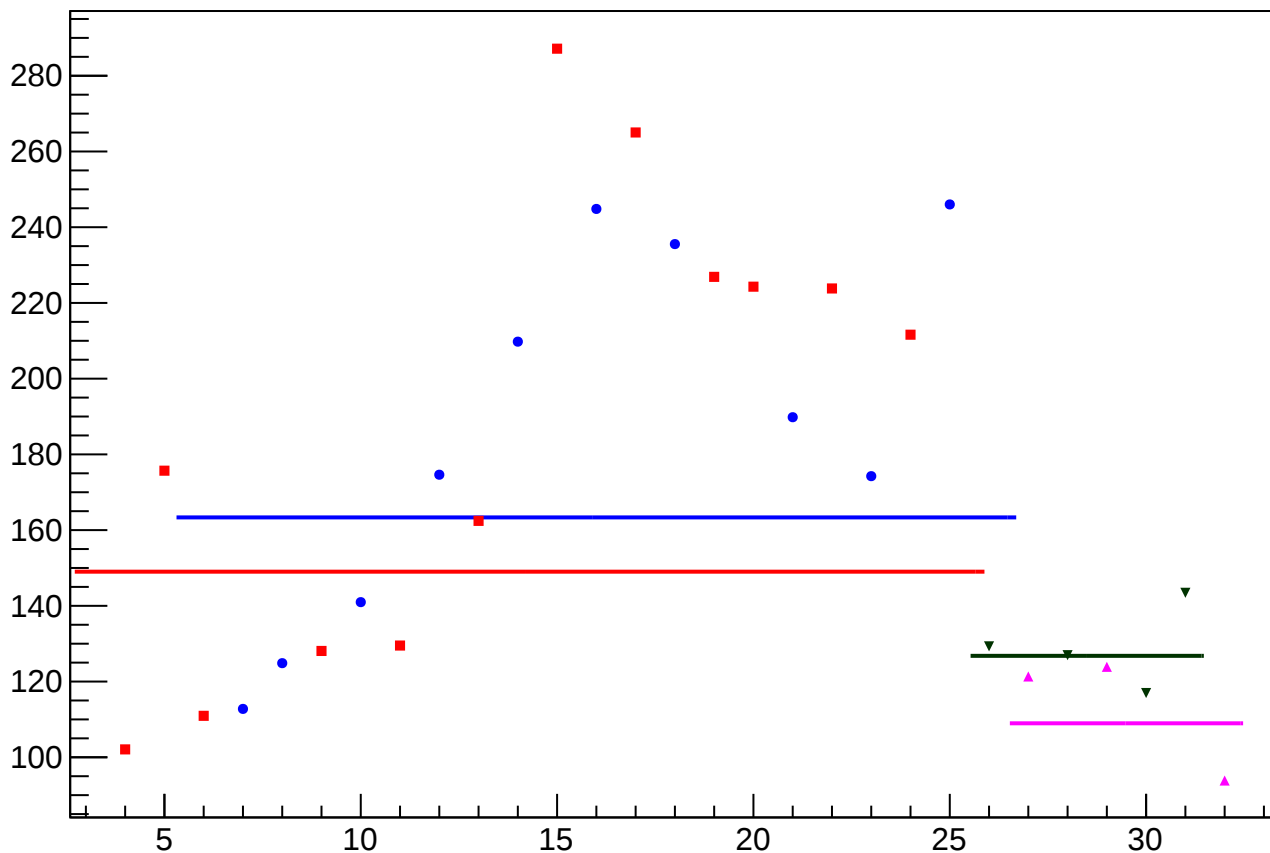
Right Out: 65.954 $\pm$ 62.568 χ^2/NDF : 1.3/11

Left In: -11.634 $\pm$ 69.254 χ^2/NDF : 0.0/2

60.666 $\pm$ 53.187 χ^2/NDF : 8.1/13

31.085 $\pm$ 46.427 χ^2/NDF : 2.0/14

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 126.793+/-0.062 χ^2/NDF : 17637.9/3

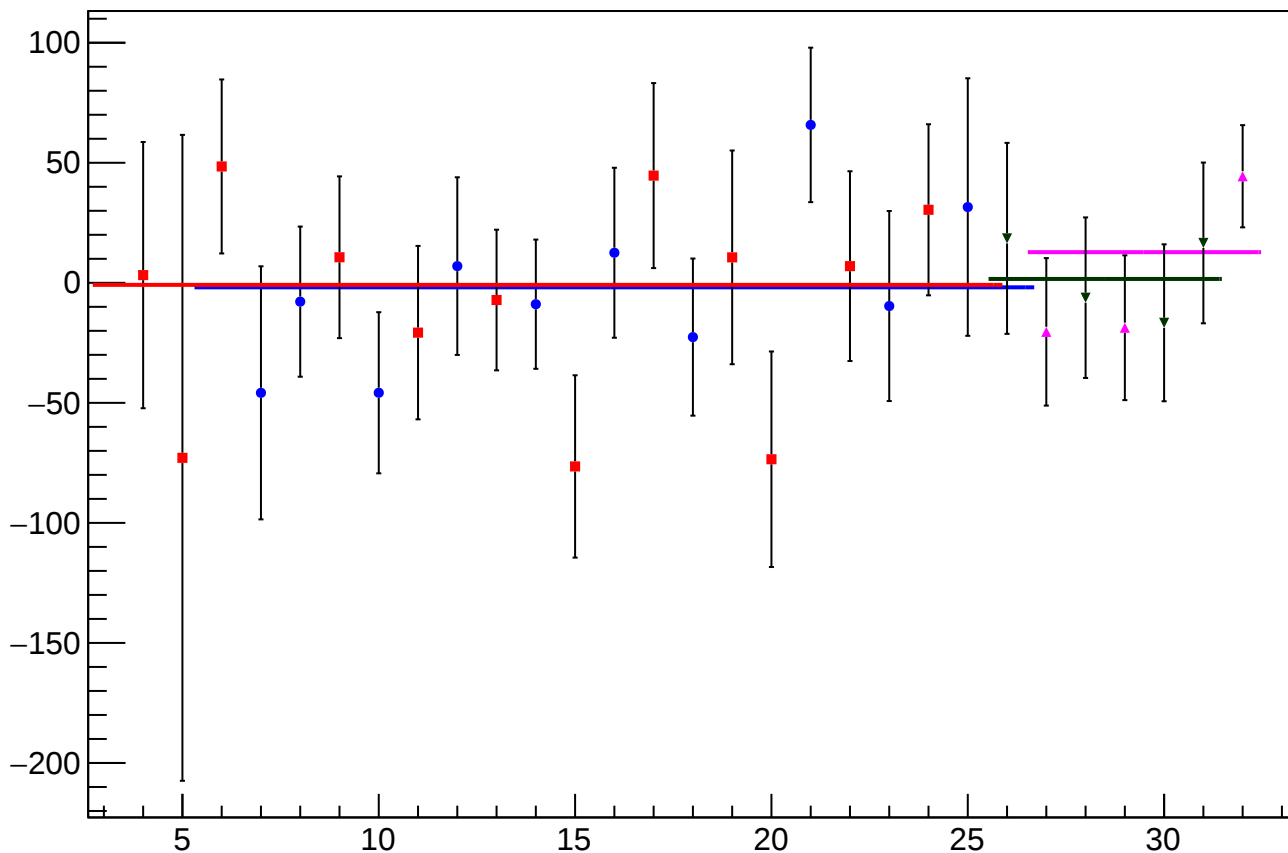
149.859+/-0.038 χ^2/NDF : 1010335.7/13

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

131.024+/-0.033 χ^2/NDF : 1660041.6/14

Left In: 108.974+/-0.049 χ^2/NDF : 86175.2/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: 1.612 ± 17.265 $\chi^2/\text{NDF}: 0.7/3$

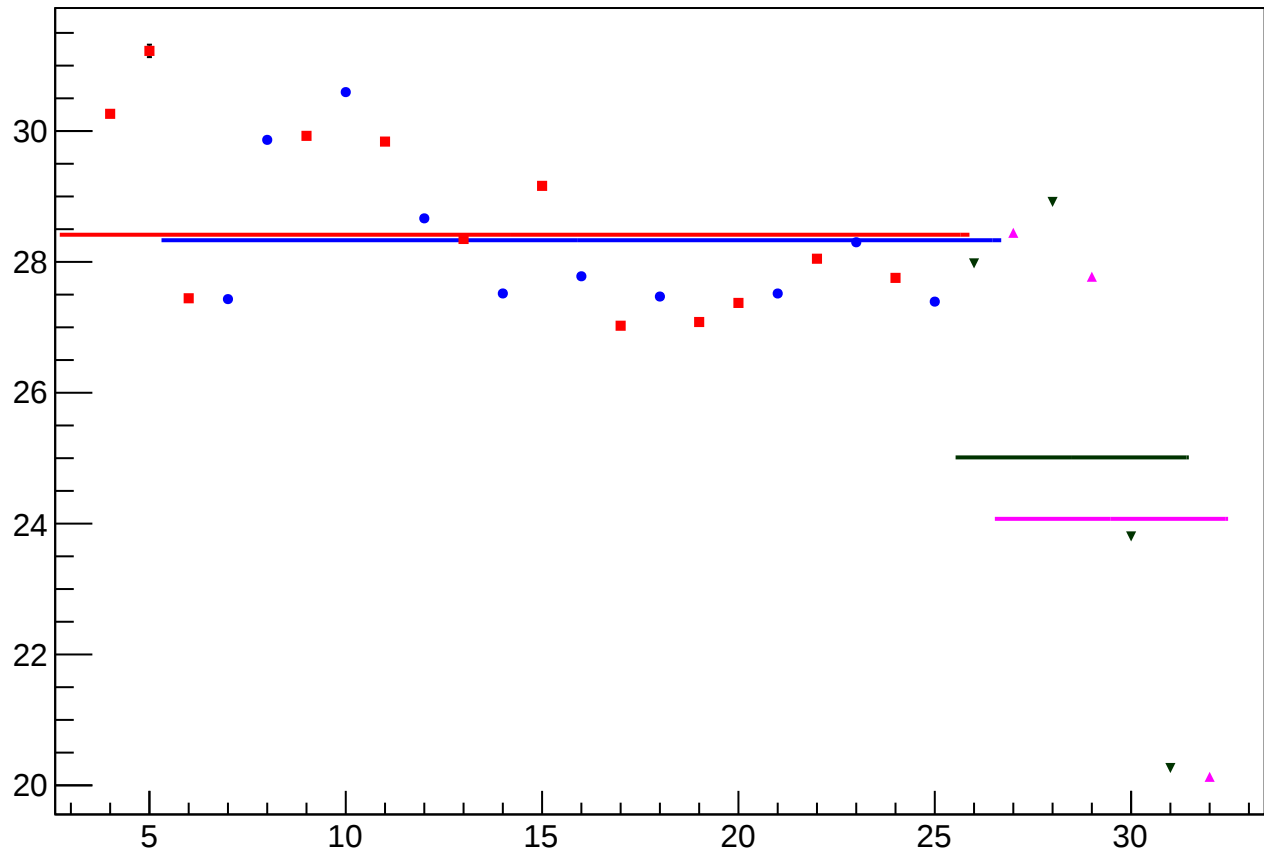
Right Out: -0.853 ± 11.359 $\chi^2/\text{NDF}: 11.5/11$

Left In: 12.769 ± 15.134 $\chi^2/\text{NDF}: 4.5/2$

-0.855 ± 9.357 $\chi^2/\text{NDF}: 8.8/13$

4.056 ± 9.085 $\chi^2/\text{NDF}: 16.4/14$

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: 25.012+/-0.012 χ^2/NDF : 81342.4/3

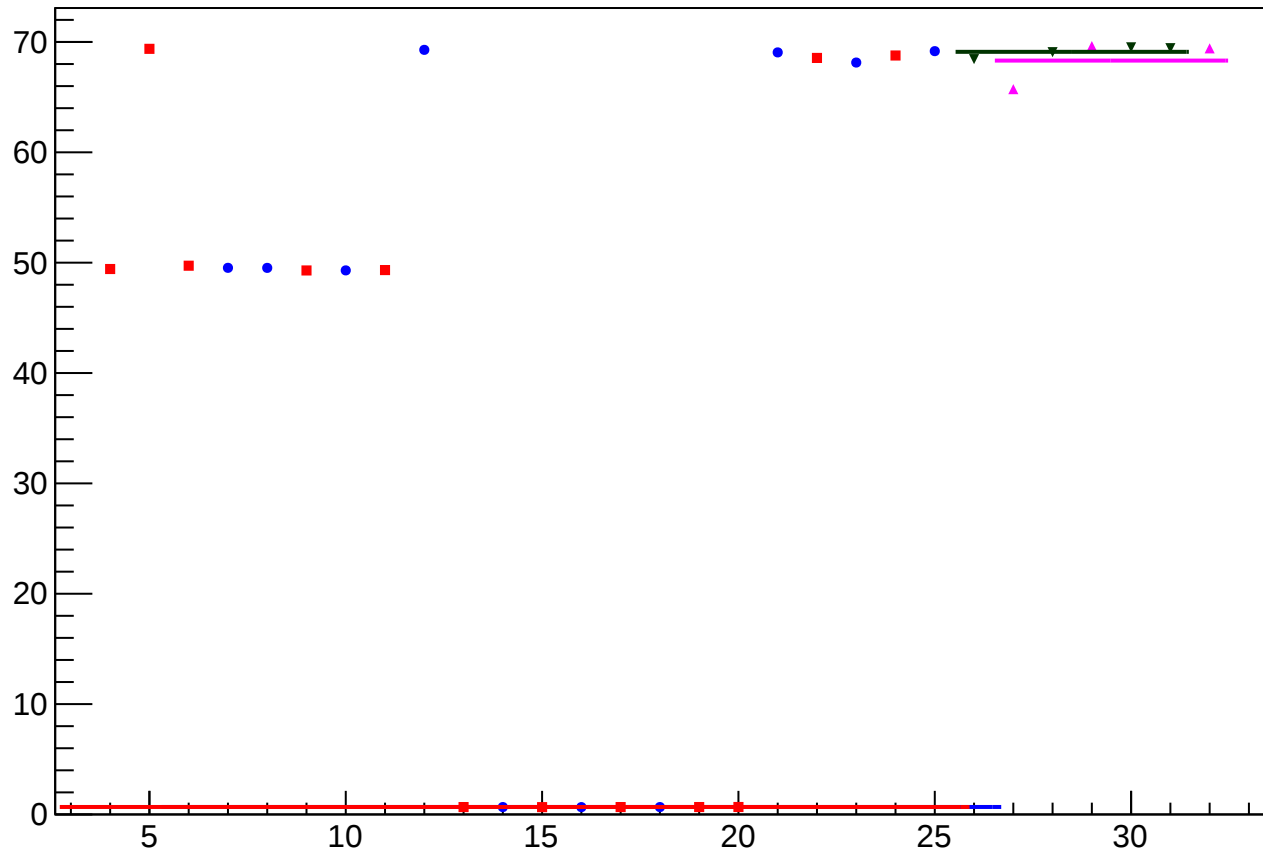
Right Out: 28.415+/-0.008 χ^2/NDF : 18780.8/11

Left In: 24.073+/-0.011 χ^2/NDF : 139237.2/2

27.356+/-0.007 χ^2/NDF : 153802.0/13

26.850+/-0.006 χ^2/NDF : 263339.8/14

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.105+/-0.000 χ^2/NDF :10808033.3/3

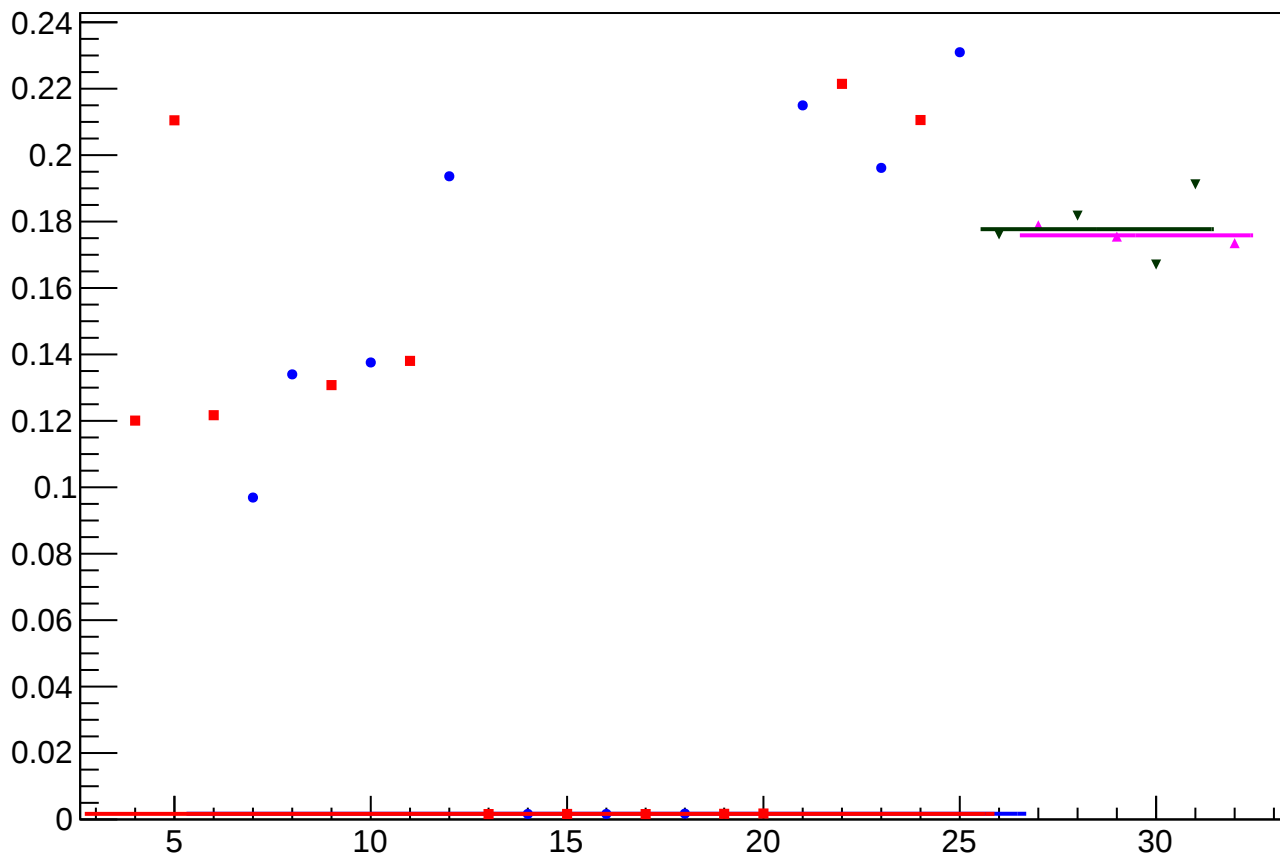
0.683+/-0.000 χ^2/NDF : 795378406239.6/13

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

0.683+/-0.000 χ^2/NDF : 804771838420.9/14

Left In: 68.312+/-0.000 χ^2/NDF :251512556.2/2

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.178+/-0.000 χ^2/NDF :8529.9/3

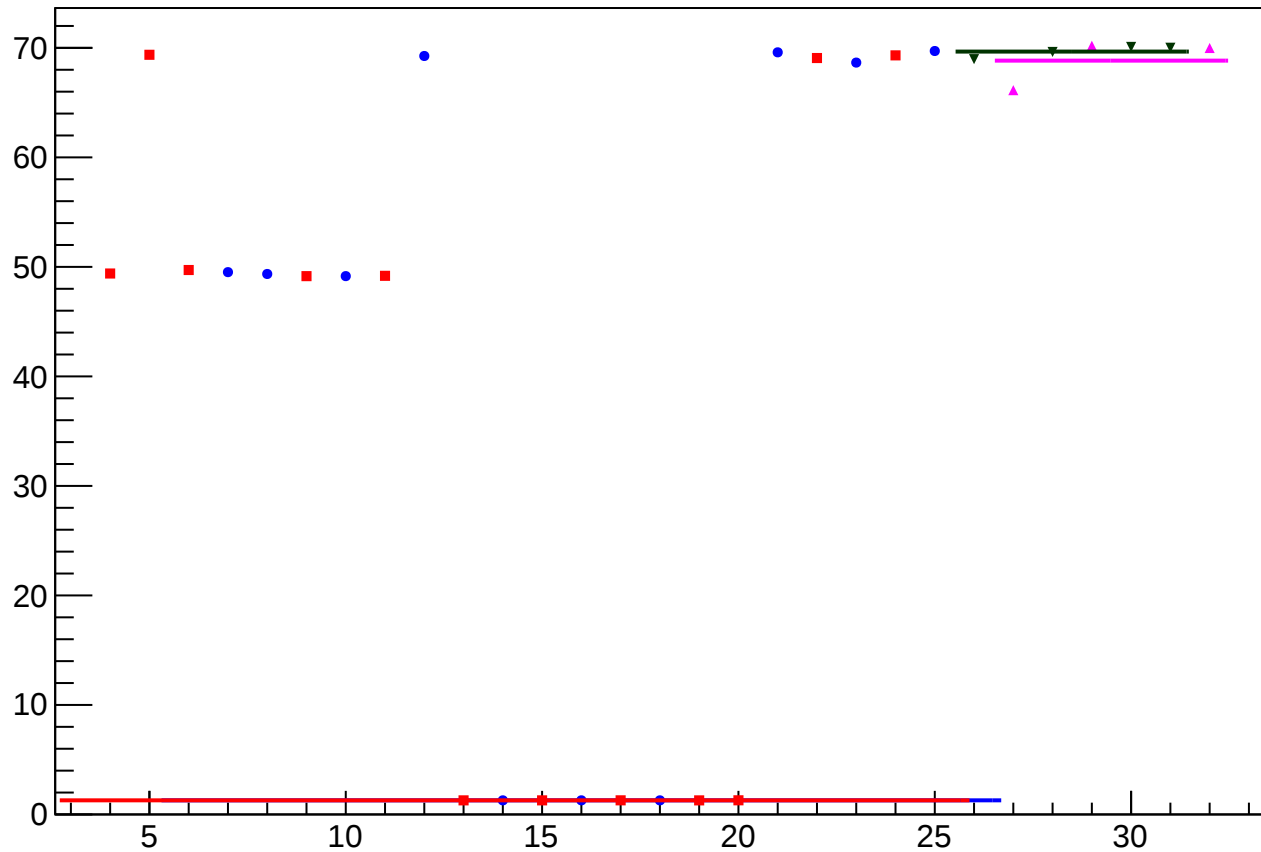
Right Out: 0.002+/-0.000 χ^2/NDF : 6636068.7/11

Left In: 0.176+/-0.000 χ^2/NDF :792.2/2

0.002+/-0.000 χ^2/NDF : 11628220.3/13

0.002+/-0.000 χ^2/NDF : 11511795.7/14

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.660+/-0.000 χ^2/NDF : 11336844.8/3

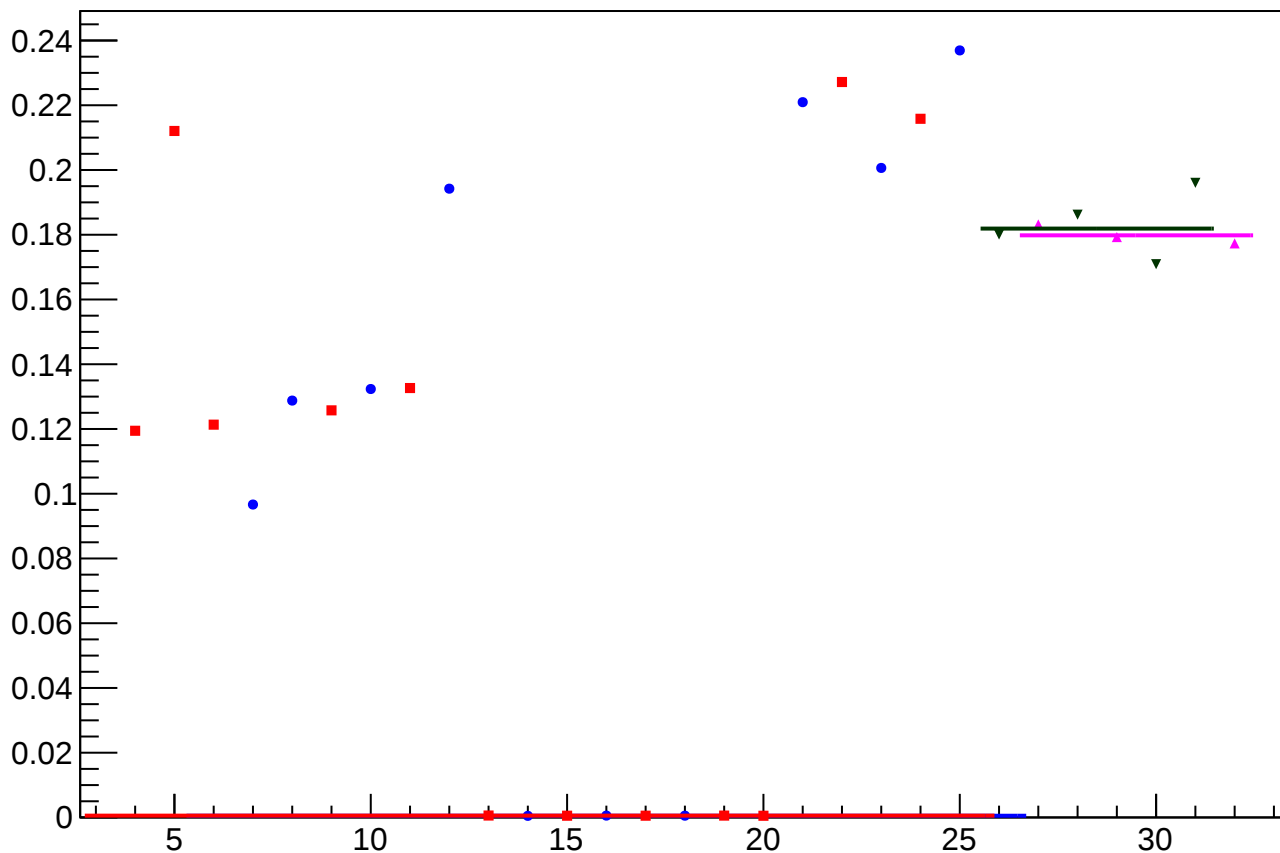
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

Left In: 68.834+/-0.000 χ^2/NDF : 259852696.0/2

1.290+/-0.000 χ^2/NDF : 780201729775.2/13

1.290+/-0.000 χ^2/NDF : 788174113253.3/14

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.182+/-0.000 χ^2/NDF : 8826.8/3

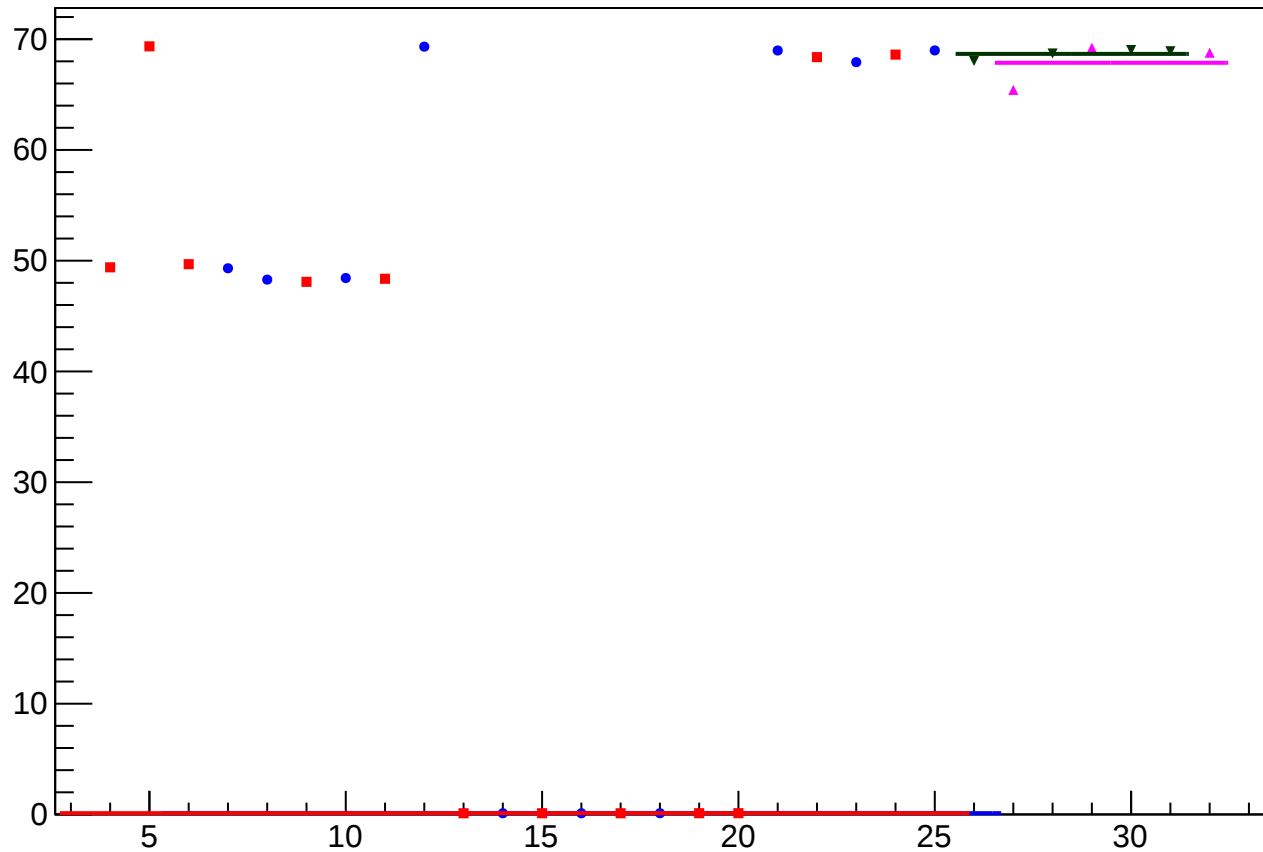
Right Out: 0.001+/-0.000 χ^2/NDF : 6741519.4/11

Left In: 0.180+/-0.000 χ^2/NDF : 909.4/2

0.001+/-0.000 χ^2/NDF : 11812861.0/13

0.001+/-0.000 χ^2/NDF : 11679987.7/14

yield_bcm_an_us_mean vs slug



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

Left Out: 68.673+/-0.000 χ^2/NDF :9071670.9/3

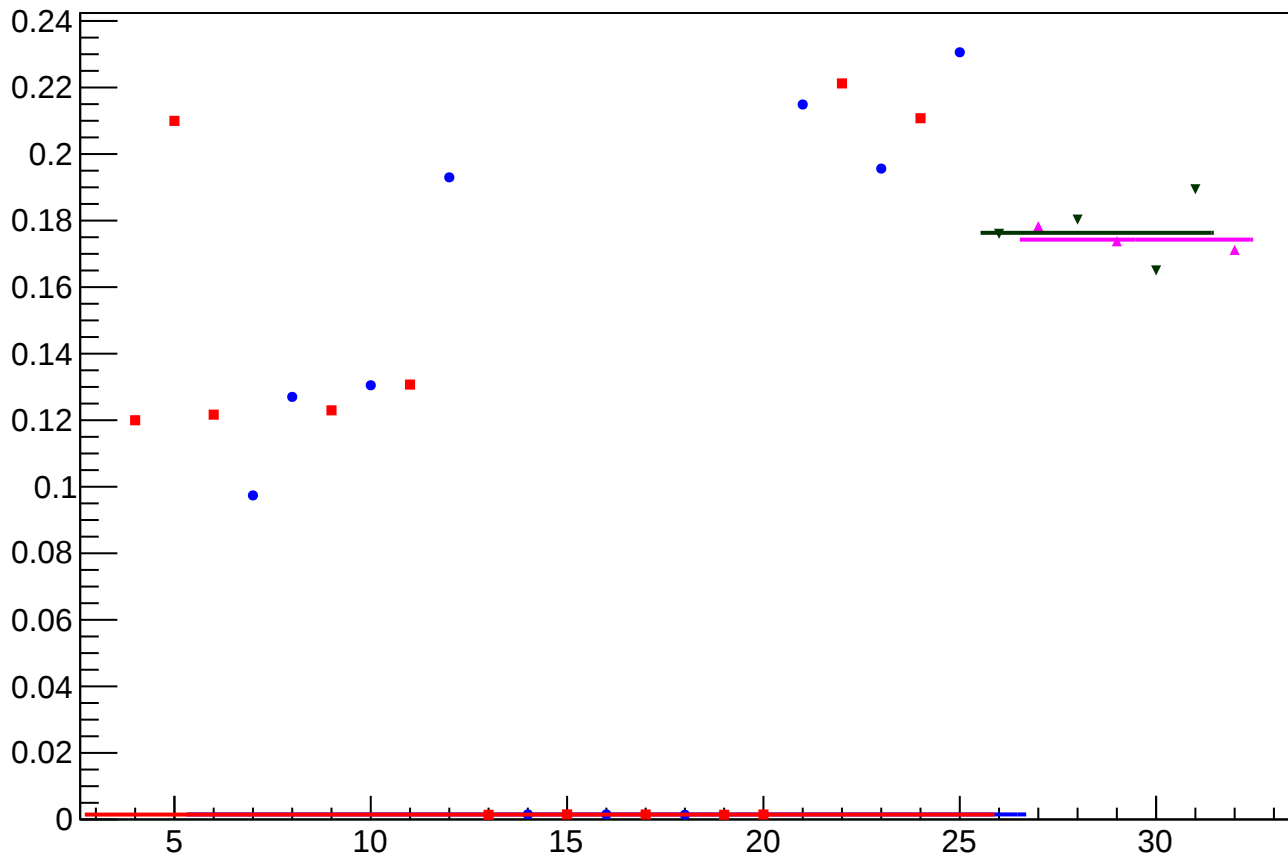
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 67.869+/-0.000 χ^2/NDF :226535776.2/2

0.123+/-0.000 χ^2/NDF : 821721561733.5/13

0.121+/-0.000 χ^2/NDF : 834815559206.8/14

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:8920.5/3

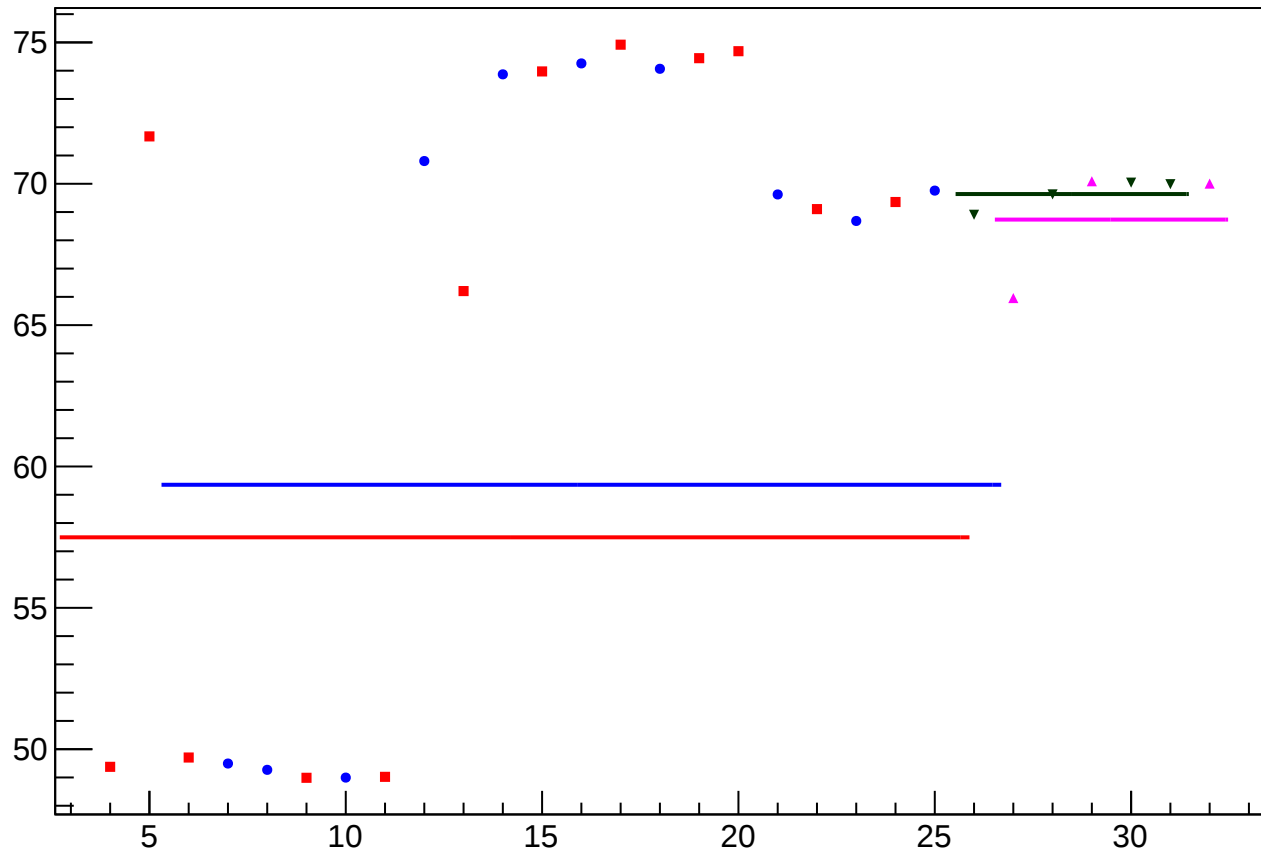
0.002 $\pm$ 0.000 χ^2 /NDF: 11625248.6/13

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

0.001 $\pm$ 0.000 χ^2 /NDF: 11533948.5/14

Left In: 0.174 $\pm$ 0.000 χ^2 /NDF:1412.8/2

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.637+/-0.000 χ^2/NDF : 10976677.1/3

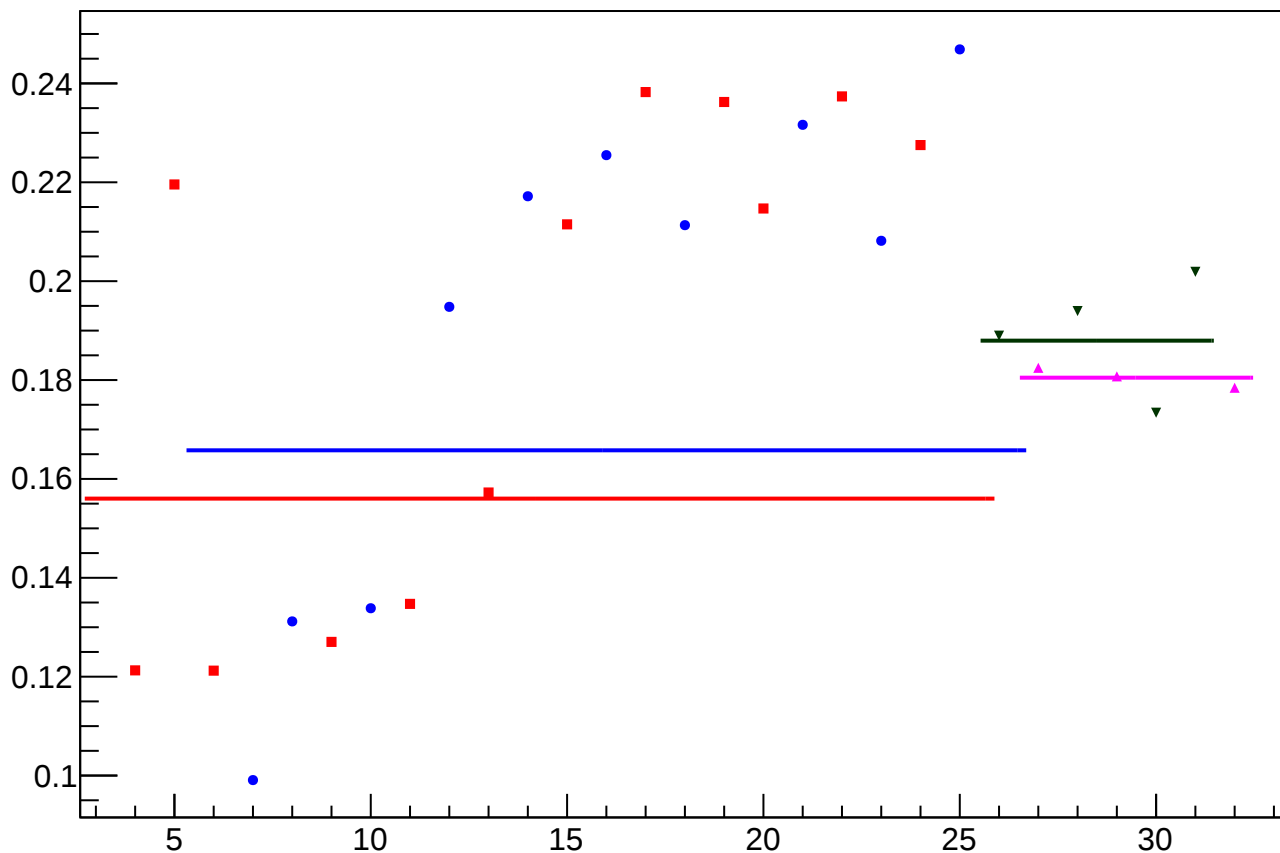
61.577+/-0.000 χ^2/NDF : 31972114437.8/13

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

60.305+/-0.000 χ^2/NDF : 32790221058.3/14

Left In: 68.733+/-0.000 χ^2/NDF : 276660169.6/2

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.188 $\pm$ 0.000 χ^2 /NDF:12004.7/3

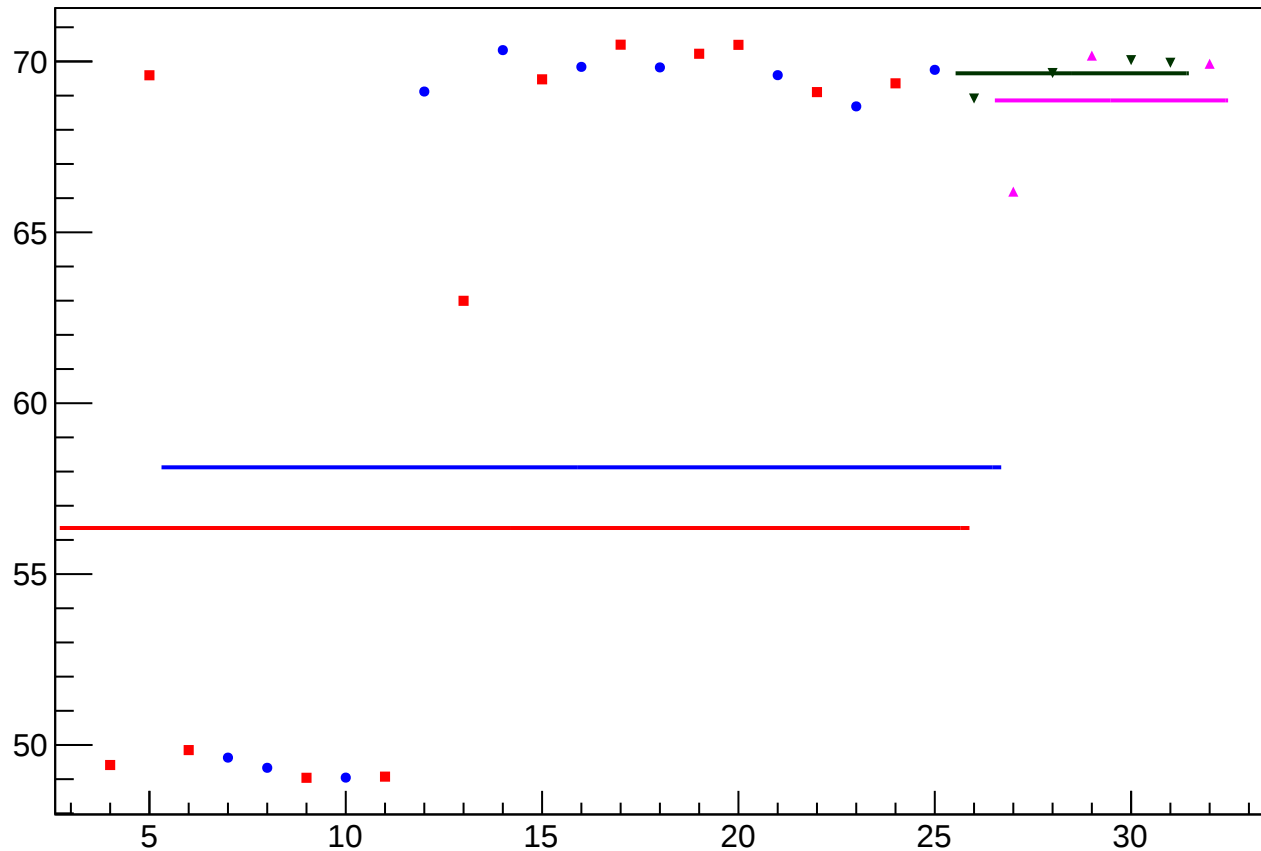
Right Out: 0.156 $\pm$ 0.000 χ^2 /NDF: 828596.5/11

Left In: 0.180 $\pm$ 0.000 χ^2 /NDF:423.1/2

0.171 $\pm$ 0.000 χ^2 /NDF: 969553.6/13

0.162 $\pm$ 0.000 χ^2 /NDF: 897155.7/14

yield_bcm_dg_ds_mean vs slug



Right In: 58.124 $\pm$ 0.000 χ^2 /NDF: 22280726970.9/9

Left Out: 69.653 $\pm$ 0.000 χ^2 /NDF: 11213468.5/3

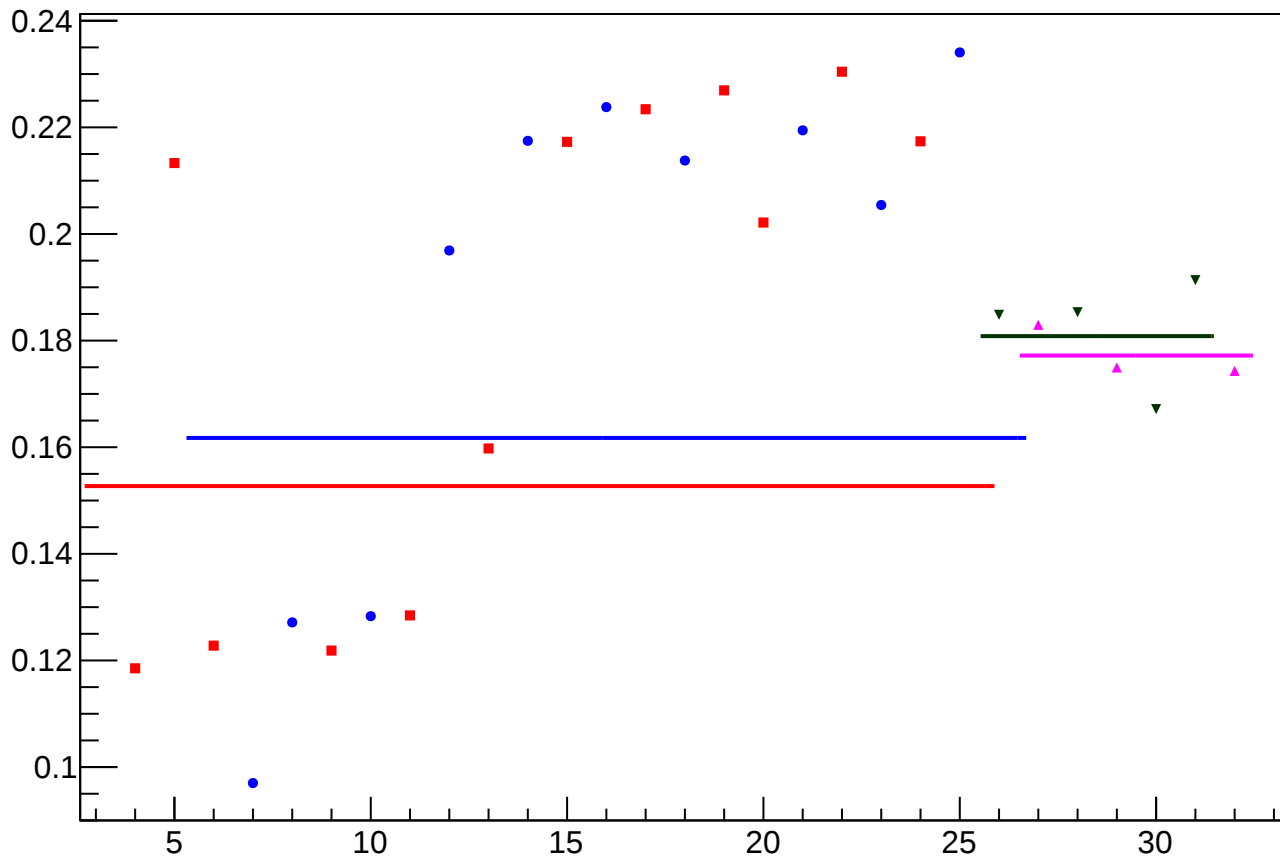
60.681 $\pm$ 0.000 χ^2 /NDF: 28727158695.5/13

Right Out: 56.349 $\pm$ 0.000 χ^2 /NDF: 19763904601.6/11

59.468 $\pm$ 0.000 χ^2 /NDF: 29293724745.9/14

Left In: 68.859 $\pm$ 0.000 χ^2 /NDF: 250974494.2/2

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.181+/-0.000 χ^2/NDF : 10276.0/3

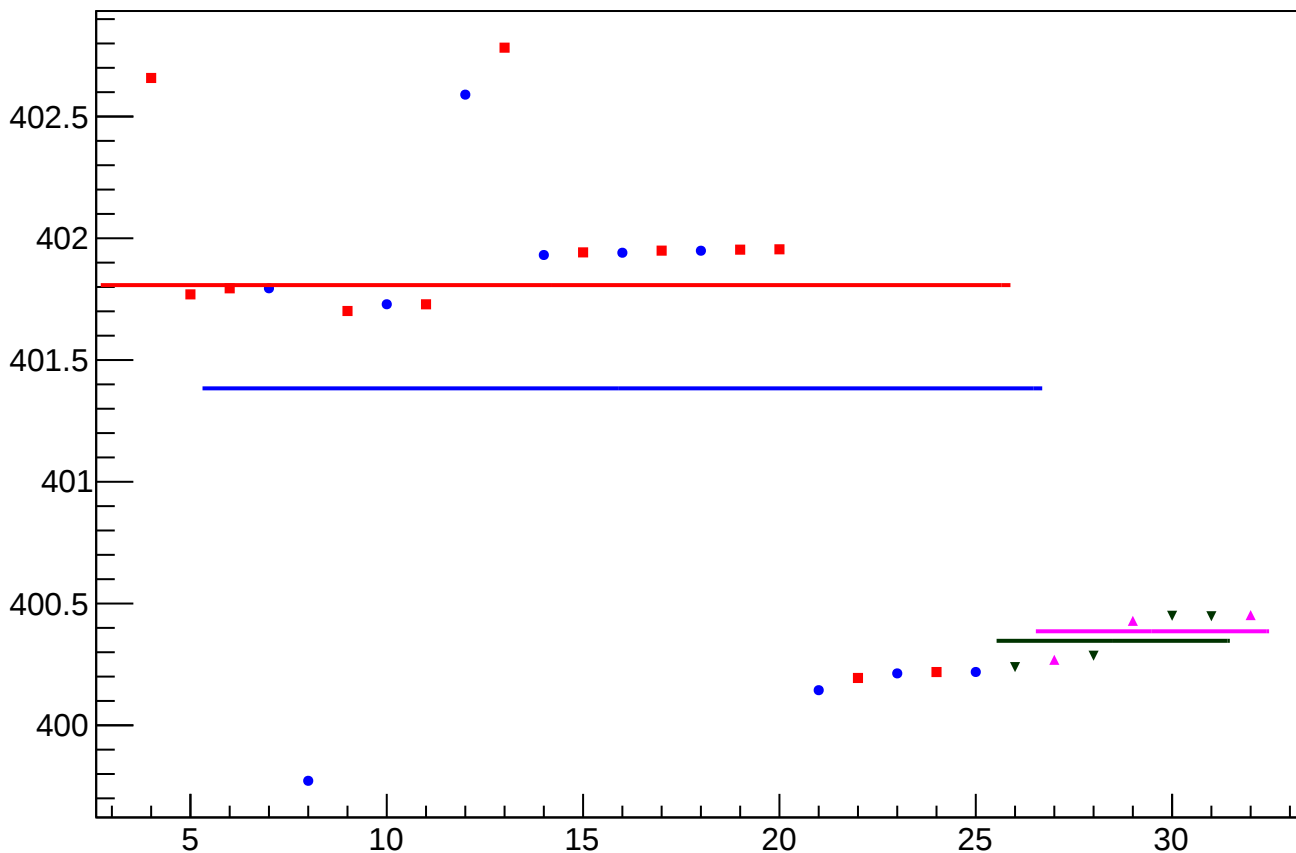
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

Left In: 0.177+/-0.000 χ^2/NDF : 2352.6/2

0.166+/-0.000 χ^2/NDF : 1017891.9/13

0.159+/-0.000 χ^2/NDF : 884105.5/14

yield_cav4bQ_mean vs slug



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

Left Out: 400.347+/-0.000 χ^2/NDF : 367001531.8/3

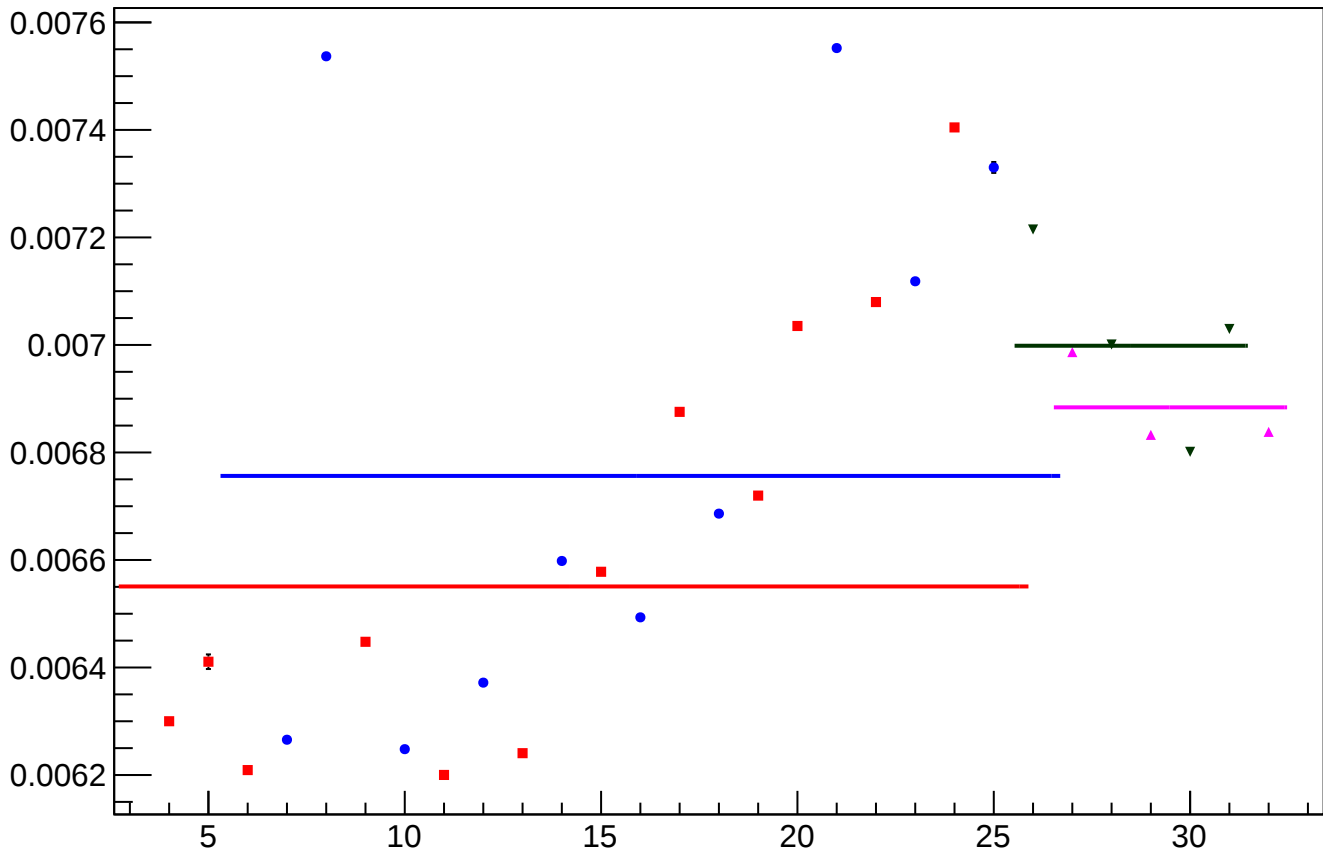
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

Left In: 400.386+/-0.000 χ^2/NDF : 358325930.1/2

401.137+/-0.000 χ^2/NDF : 158744355265.0/13

401.424+/-0.000 χ^2/NDF : 166325100089.5/14

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 :1815.4/3

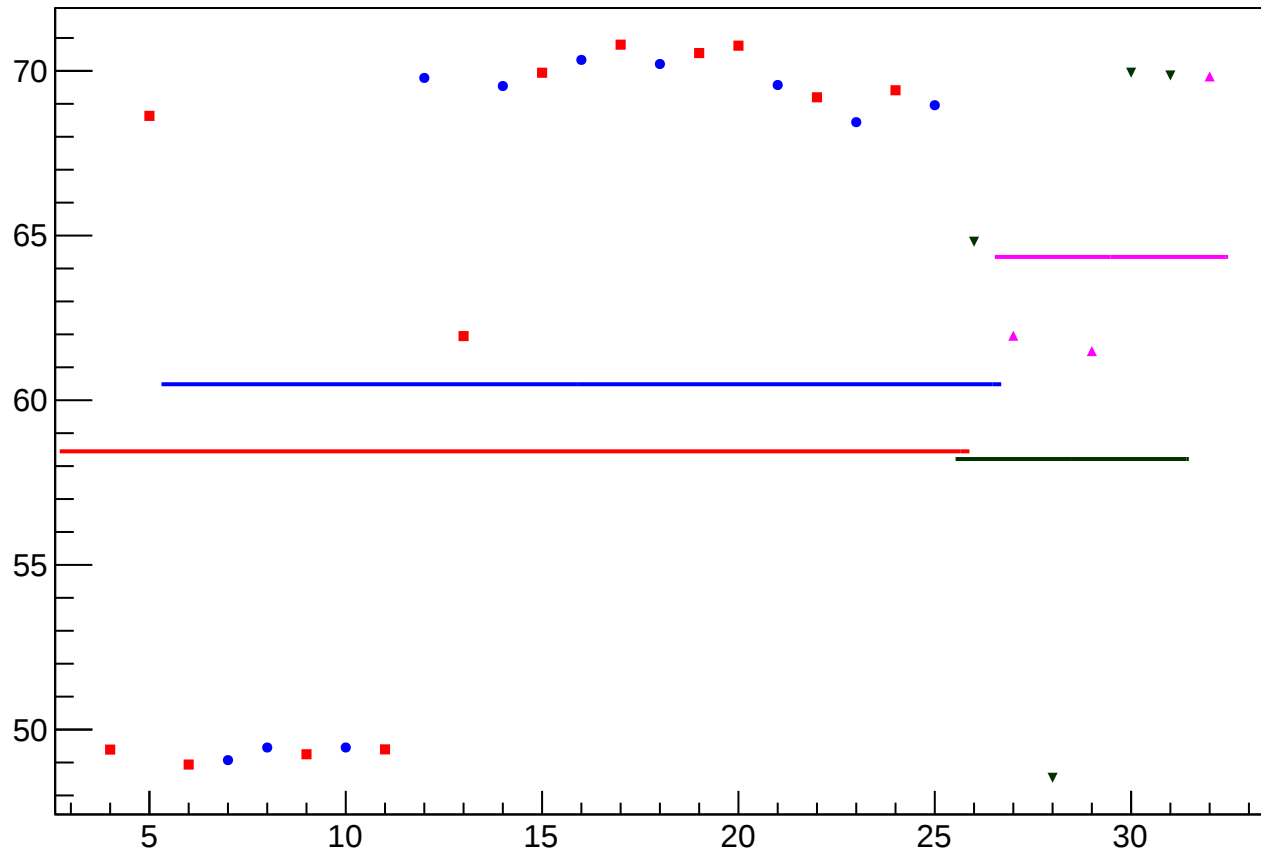
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

Left In: 0.007+/-0.000 χ^2/NDF :545.4/2

0.007+/-0.000 χ^2/NDF : 68718.8/13

0.007+/-0.000 χ^2/NDF : 51547.9/14

yield_cav4cQ_mean vs slug



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

Left Out: 58.215+/-0.000 χ^2/NDF : 5060459638.5/3

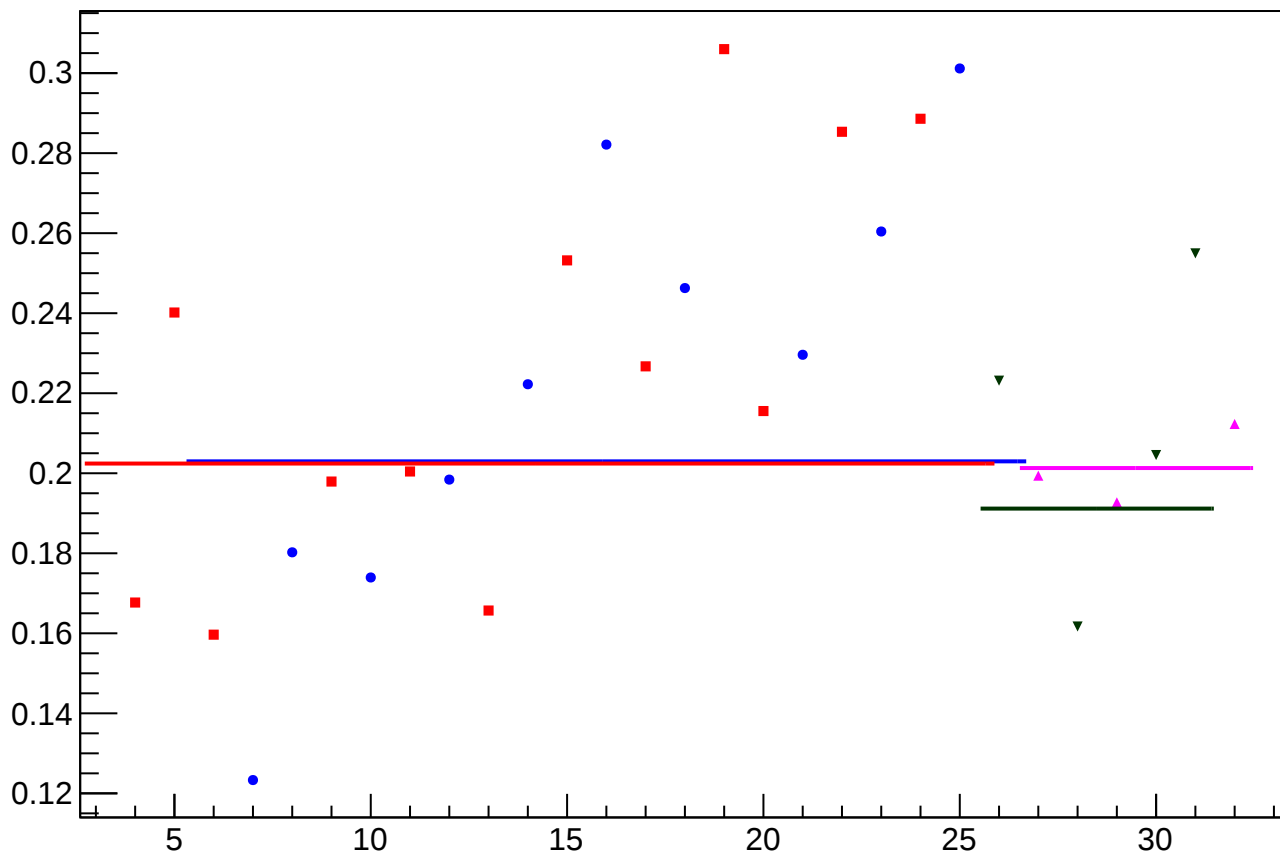
59.867+/-0.000 χ^2/NDF : 19193754982.3/13

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

60.246+/-0.000 χ^2/NDF : 13558519590.5/14

Left In: 64.351+/-0.000 χ^2/NDF : 818552558.4/2

yield_cav4cQ_rms vs slug



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

Left Out: 0.191 $\pm$ 0.000 χ^2 /NDF:109076.1/3

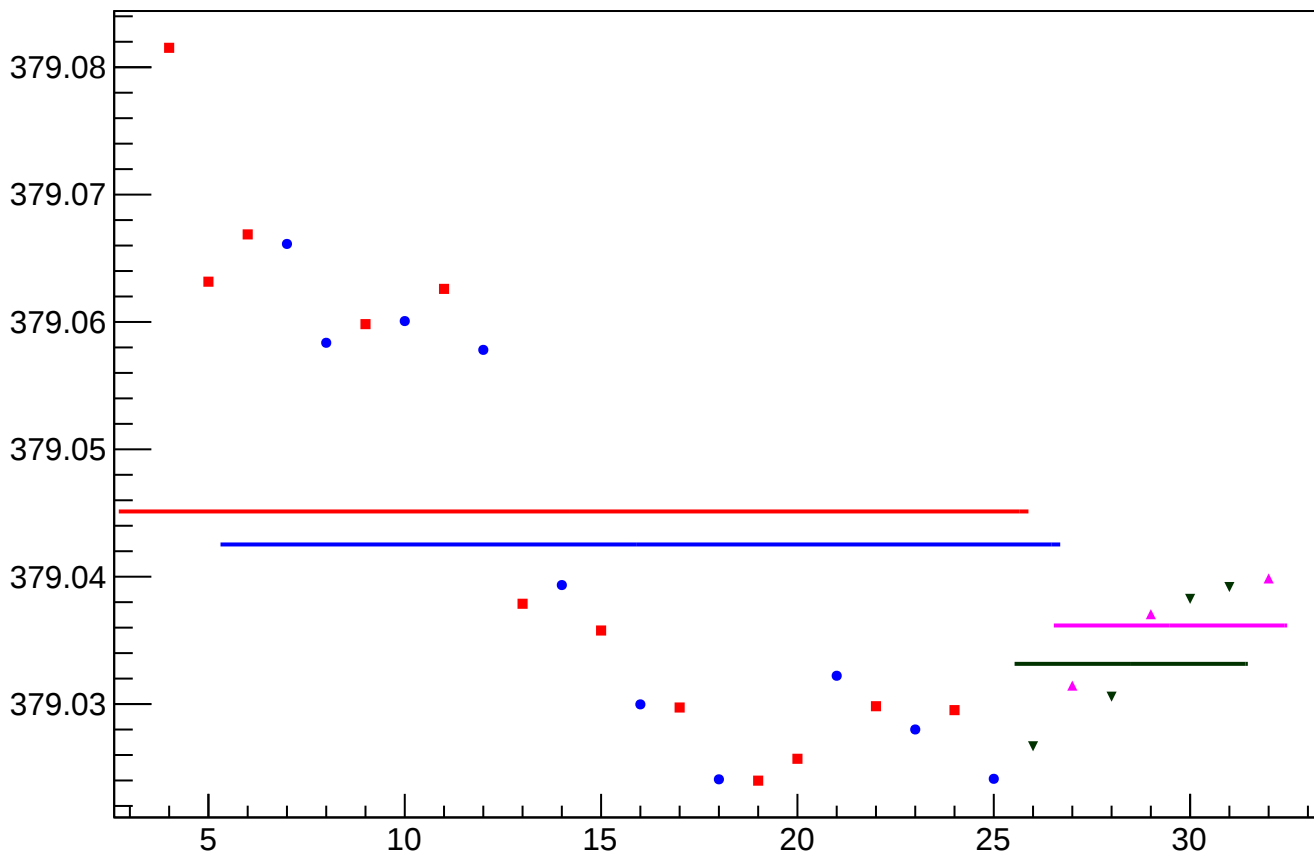
Right Out: 0.202 $\pm$ 0.000 χ^2 /NDF: 477643.7/11

Left In: 0.201 $\pm$ 0.000 χ^2 /NDF:7443.2/2

0.200 $\pm$ 0.000 χ^2 /NDF: 628842.9/13

0.202 $\pm$ 0.000 χ^2 /NDF: 485186.3/14

yield_cav4dQ_mean vs slug



Right In: 379.043 $\pm$ 0.000 χ^2 /NDF: 28431706.3/9

Left Out: 379.033 $\pm$ 0.000 χ^2 /NDF:1119864.0/3

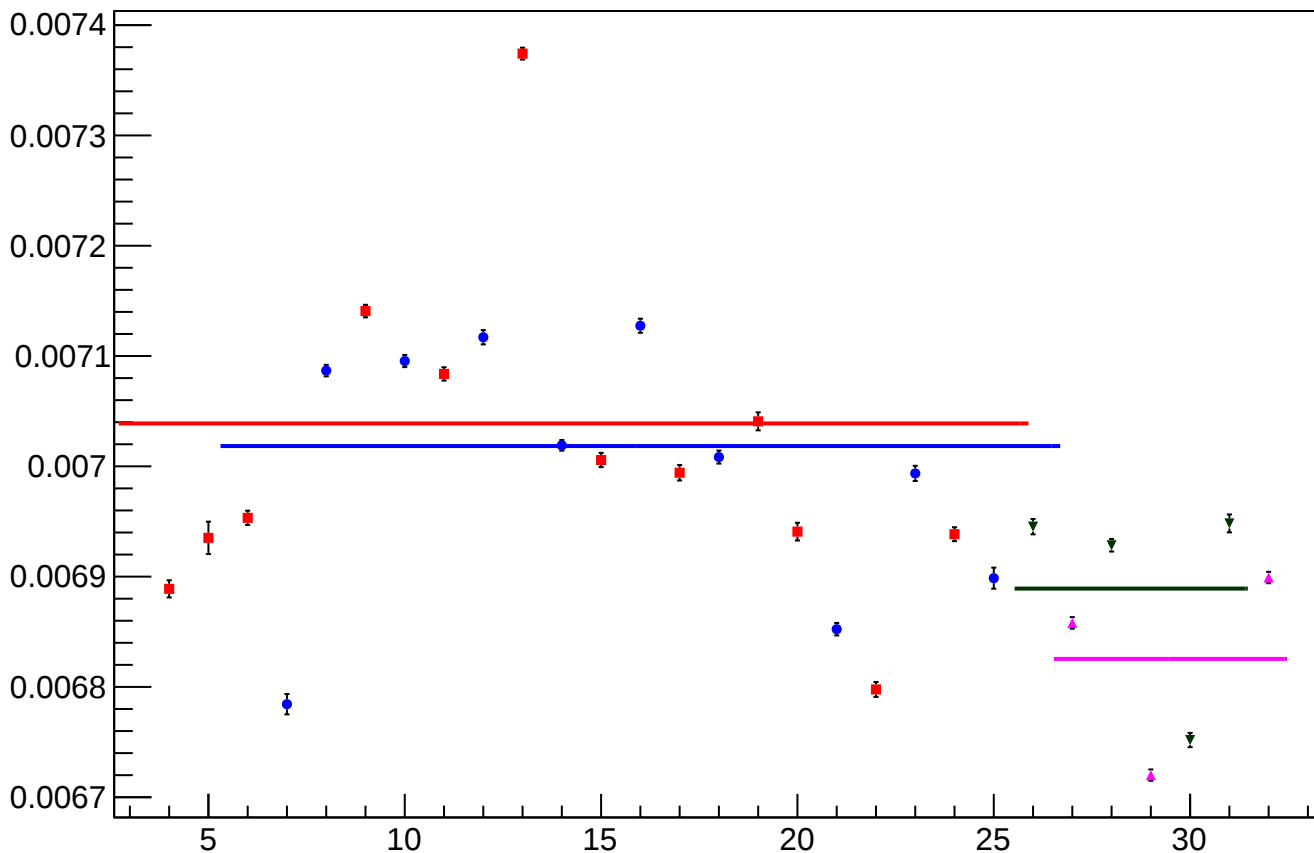
Right Out: 379.045 $\pm$ 0.000 χ^2 /NDF: 40922945.0/11

Left In: 379.036 $\pm$ 0.000 χ^2 /NDF:678322.7/2

379.040 $\pm$ 0.000 χ^2 /NDF: 32516319.3/13

379.042 $\pm$ 0.000 χ^2 /NDF: 44729297.5/14

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 : 615.2/3

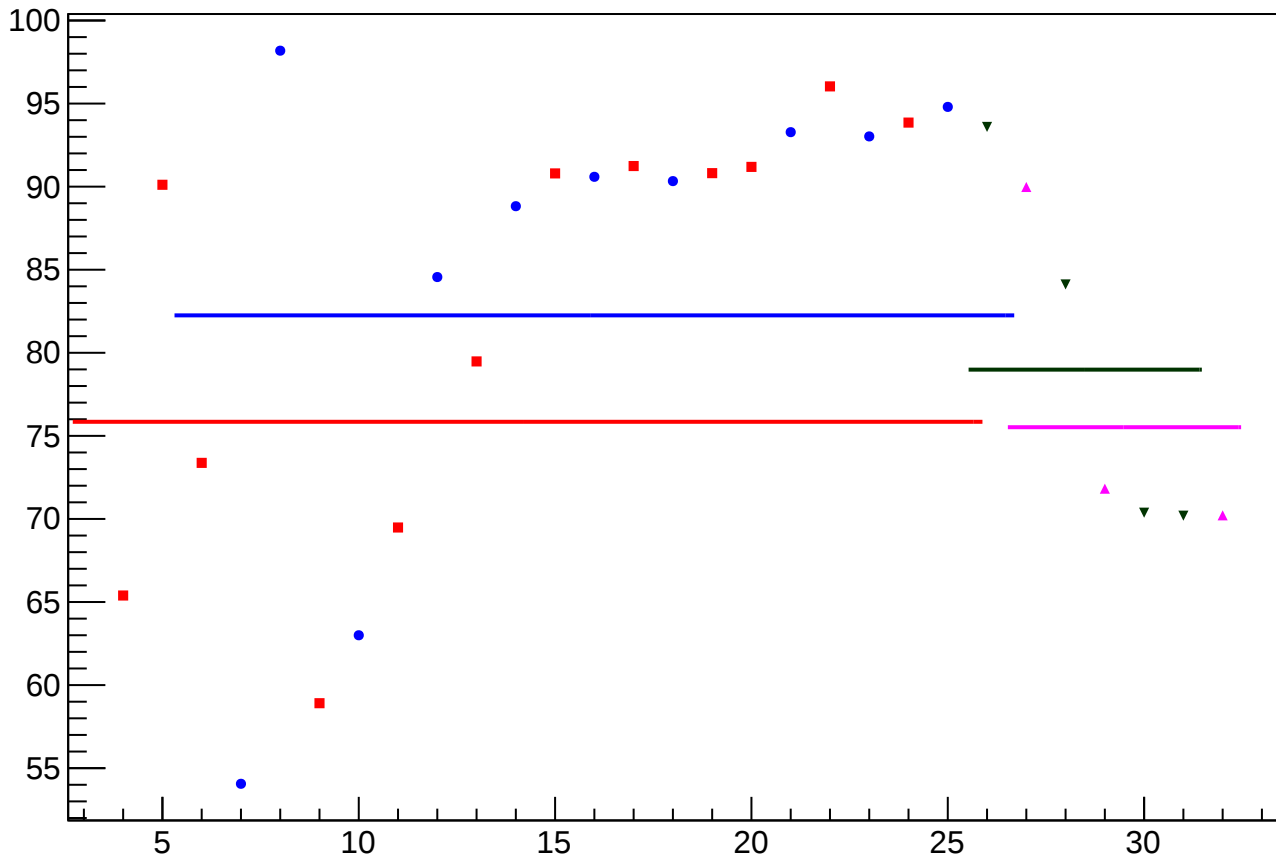
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF : 661.4/2

0.007+/-0.000 χ^2/NDF : 4306.6/13

0.007+/-0.000 χ^2/NDF : 10799.2/14

yield_bcm0l02_mean vs slug



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

Left Out: 78.986+/-0.000 χ^2/NDF : 2420713411.1/3

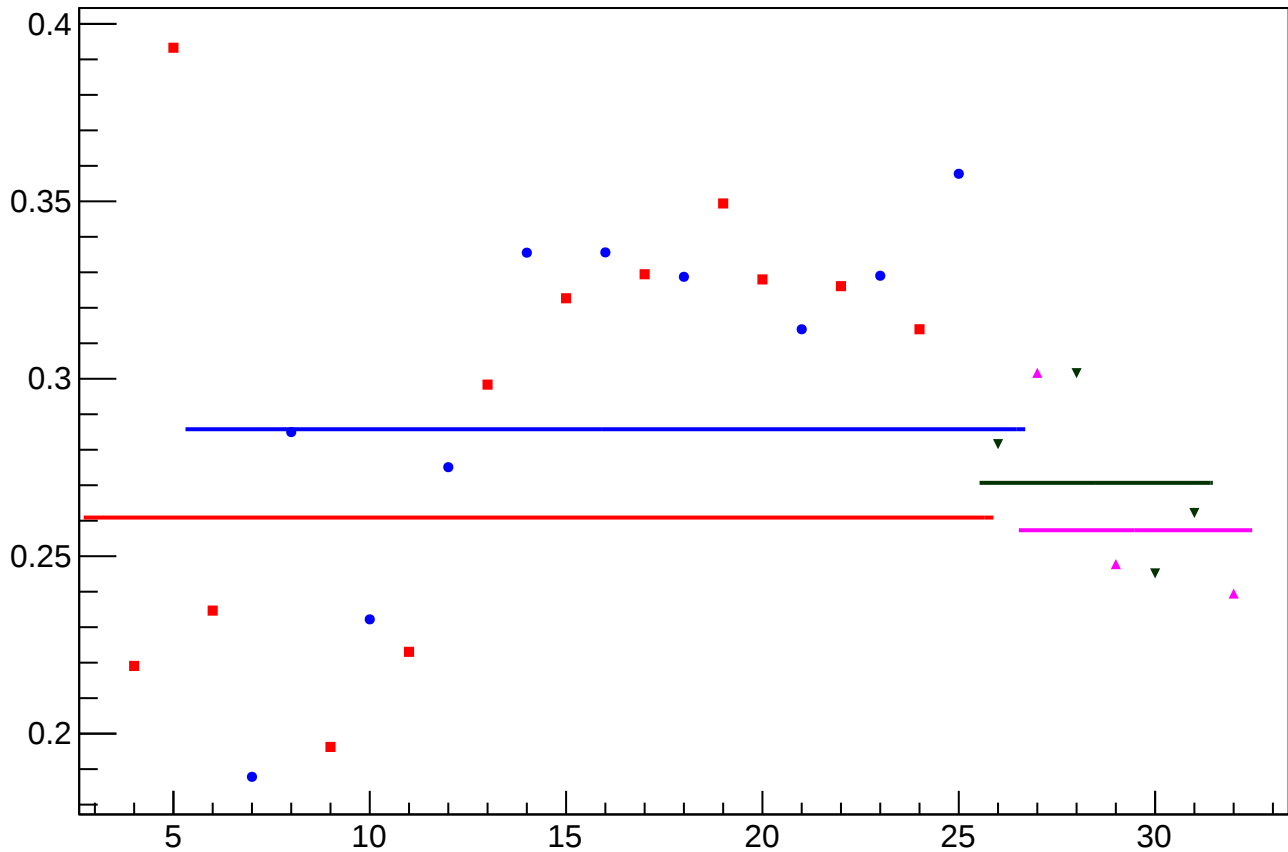
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 75.521+/-0.000 χ^2/NDF : 2373140725.6/2

81.369+/-0.000 χ^2/NDF : 17882358246.3/13

75.745+/-0.000 χ^2/NDF : 15858549130.6/14

yield_bcm0l02_rms vs slug



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

Left Out: 0.271+/-0.000 χ^2/NDF : 24939.4/3

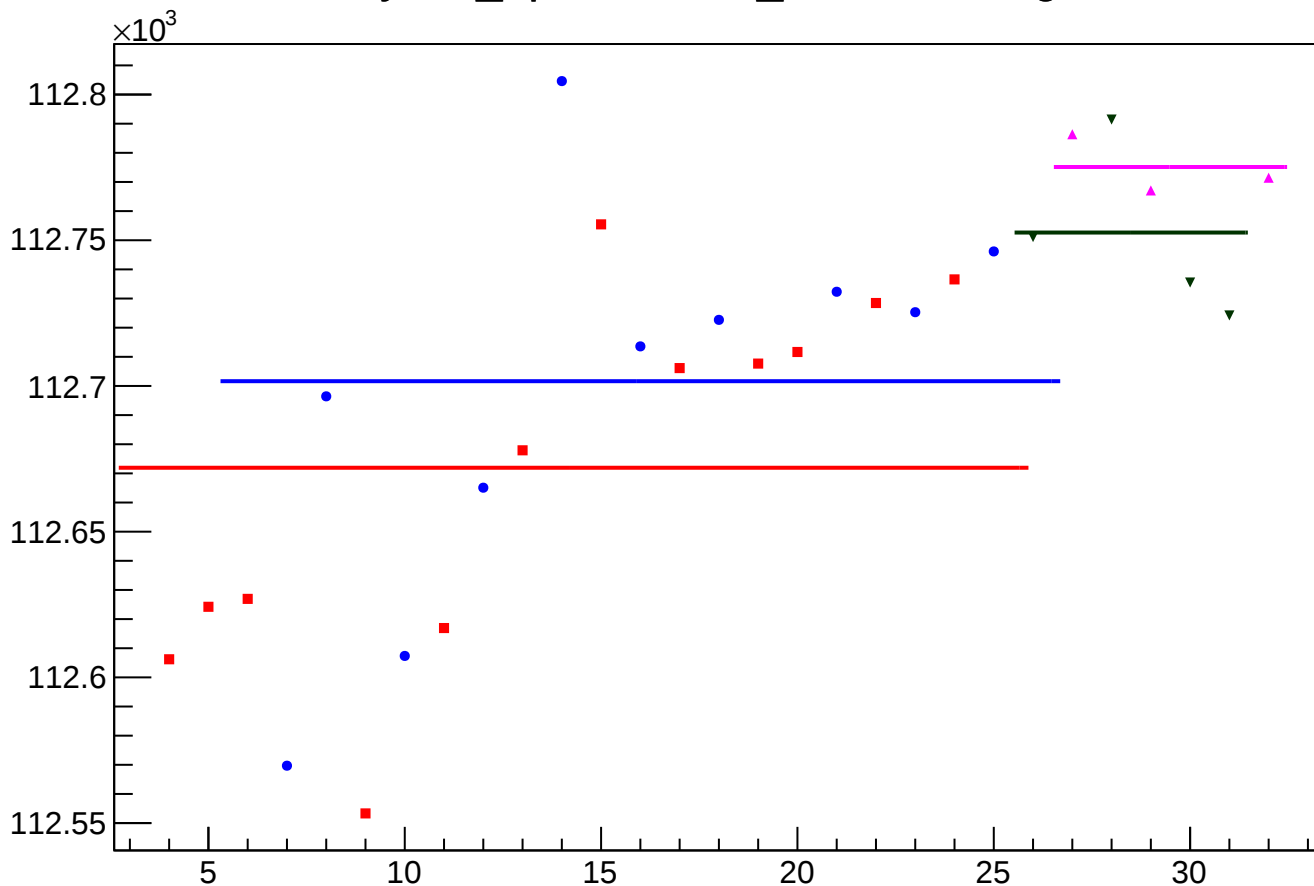
Right Out: 0.261+/-0.000 χ^2/NDF : 481520.7/11

Left In: 0.257+/-0.000 χ^2/NDF : 45266.2/2

0.282+/-0.000 χ^2/NDF : 377787.7/13

0.260+/-0.000 χ^2/NDF : 527413.3/14

yield_bpm2i01WS_mean vs slug



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

Left Out: 112752.646 $\pm$ 0.080 χ^2 /NDF:98741.7/3

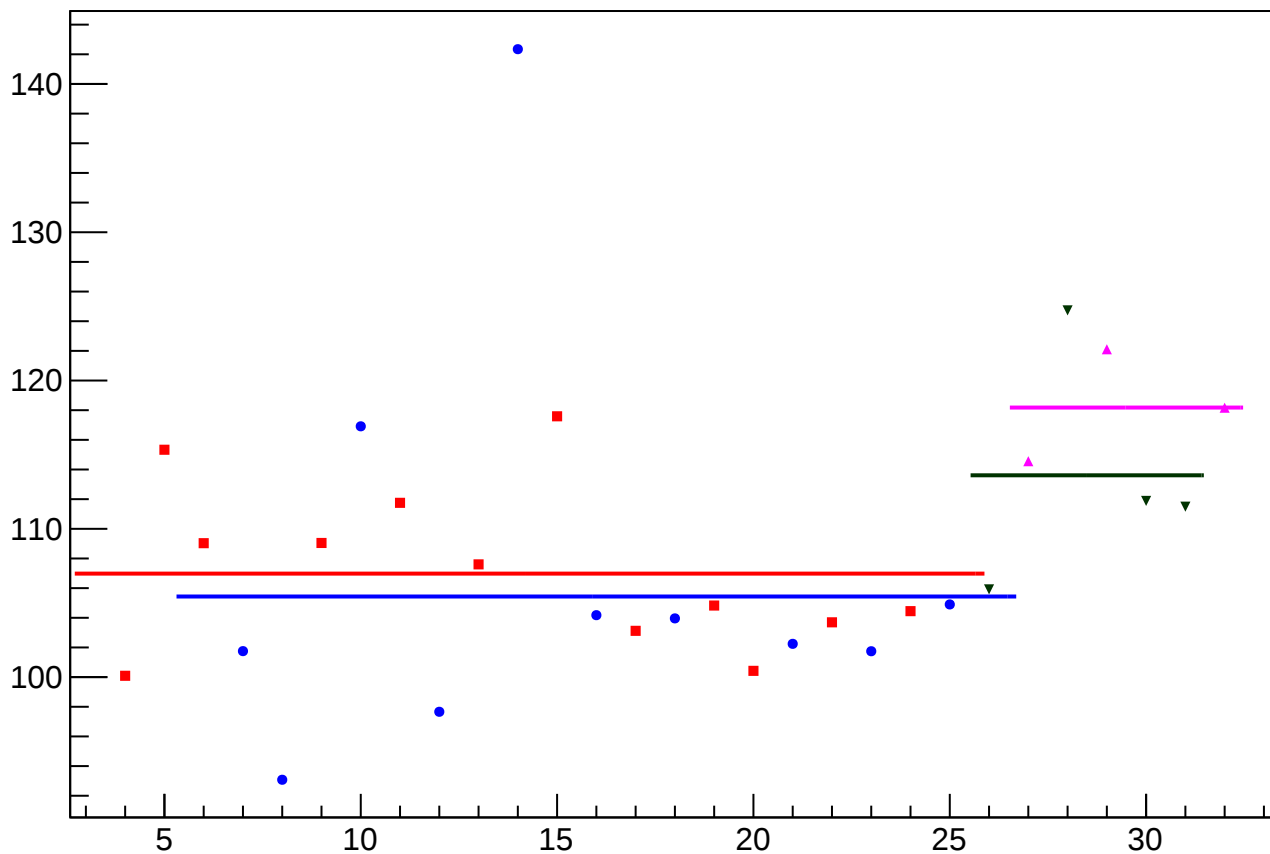
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 112775.136 $\pm$ 0.076 χ^2 /NDF:11816.8/2

112712.845 $\pm$ 0.038 χ^2 /NDF: 2114085.1/13

112697.534 $\pm$ 0.038 χ^2 /NDF: 3433809.9/14

yield_bpm2i01WS_rms vs slug



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

Left Out: 113.609 $\pm$ 0.057 χ^2 /NDF: 15913.5/3

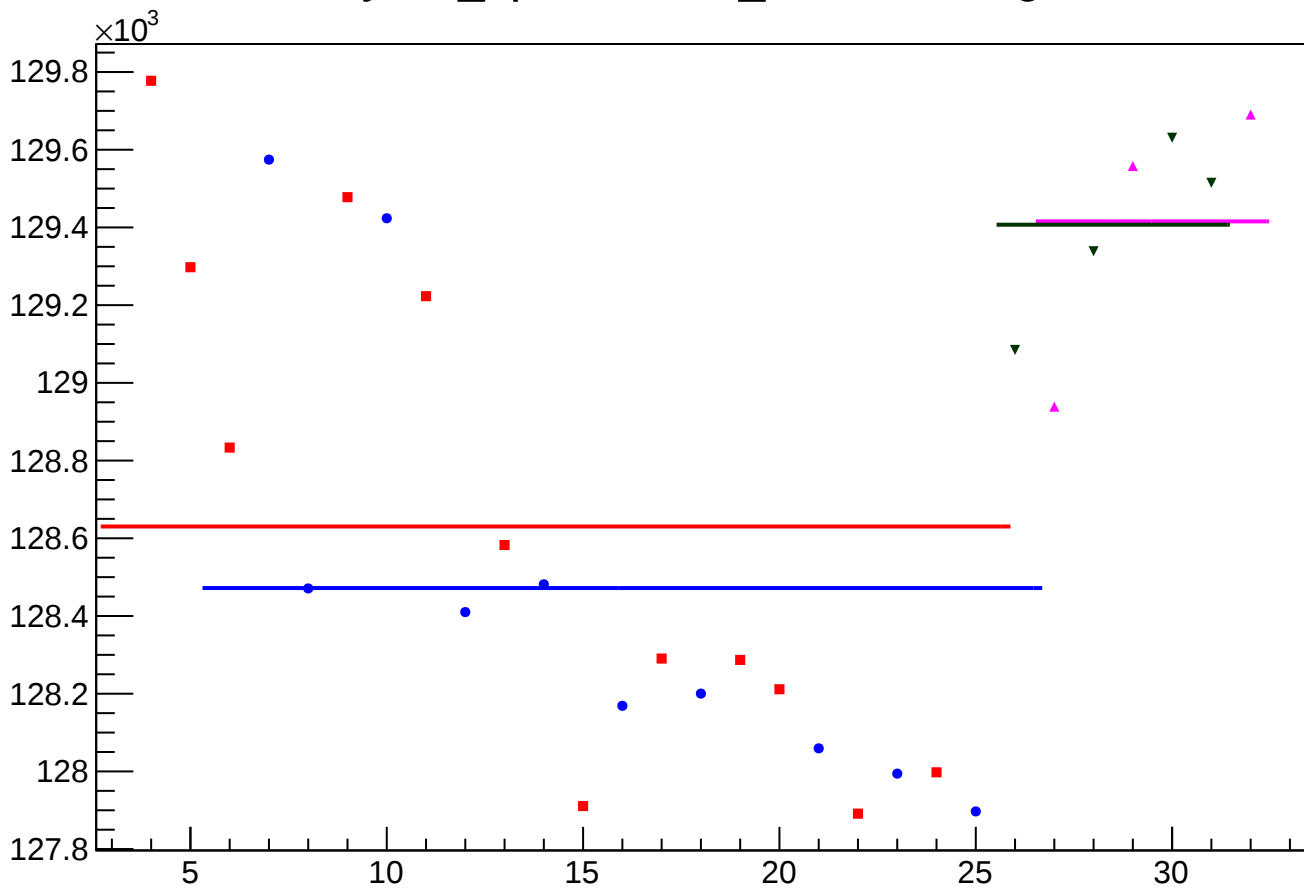
Right Out: 106.980 $\pm$ 0.031 χ^2 /NDF: 22698.2/11

Left In: 118.178 $\pm$ 0.053 χ^2 /NDF: 3228.9/2

107.232 $\pm$ 0.027 χ^2 /NDF: 220528.7/13

109.757 $\pm$ 0.027 χ^2 /NDF: 58905.9/14

yield_bpm0i07WS_mean vs slug



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

Left Out: 129407.026 $\pm$ 0.143 χ^2 /NDF: 1905061.6/3

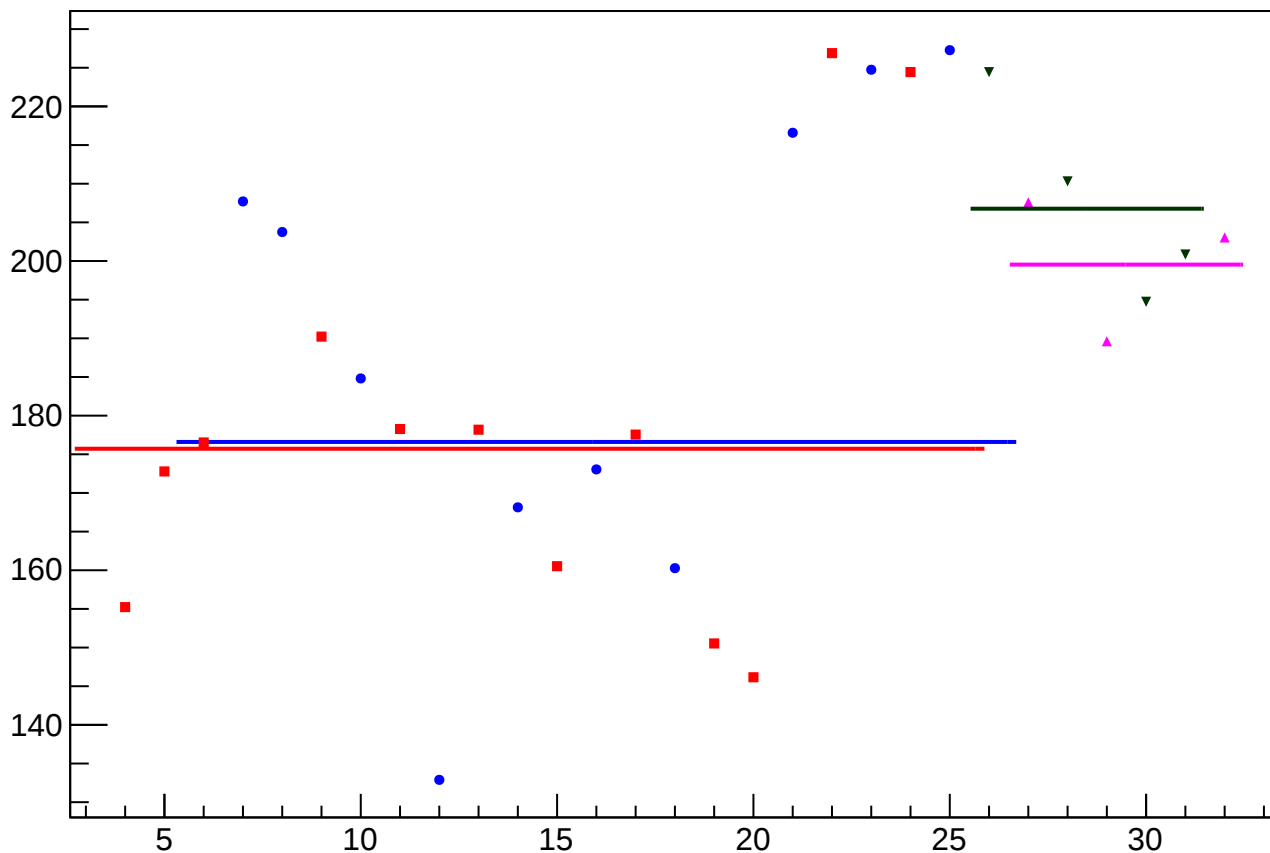
128655.256 $\pm$ 0.064 χ^2 /NDF: 75357484.3/13

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

128824.158 $\pm$ 0.062 χ^2 /NDF: 106684137.1/14

Left In: 129415.545 $\pm$ 0.124 χ^2 /NDF: 6572856.7/2

yield_bpm0i07WS_rms vs slug



Right In: 176.597 ± 0.050 $\chi^2/\text{NDF}: 316543.8/9$

Left Out: 206.769 ± 0.101 $\chi^2/\text{NDF}: 11239.0/3$

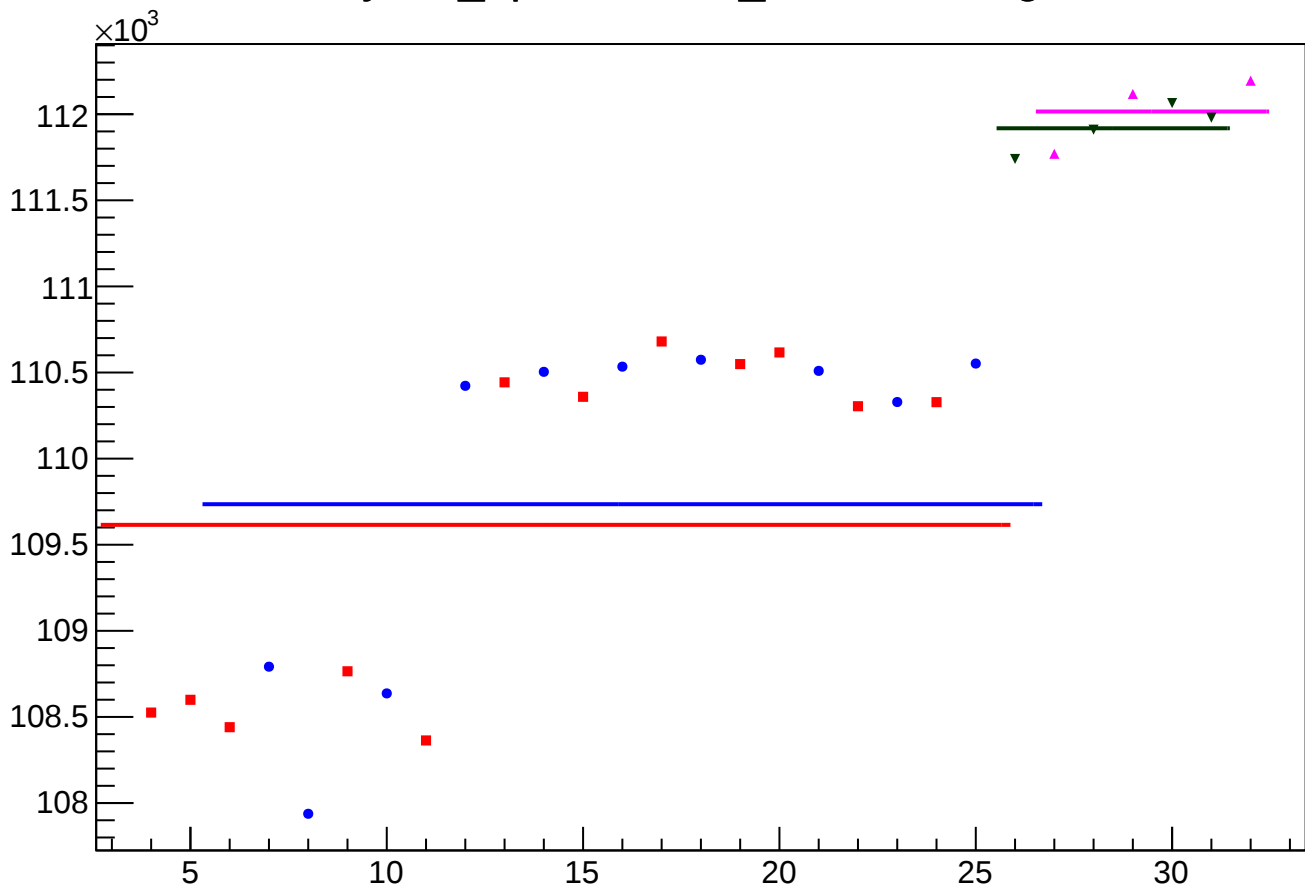
Right Out: 175.718 ± 0.050 $\chi^2/\text{NDF}: 188443.6/11$

Left In: 199.538 ± 0.088 $\chi^2/\text{NDF}: 7722.1/2$

182.512 ± 0.045 $\chi^2/\text{NDF}: 398870.7/13$

181.598 ± 0.044 $\chi^2/\text{NDF}: 251625.6/14$

yield_bpm0l01WS_mean vs slug



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

Left Out: 111918.305 $\pm$ 0.078 χ^2 /NDF: 2338657.3/3

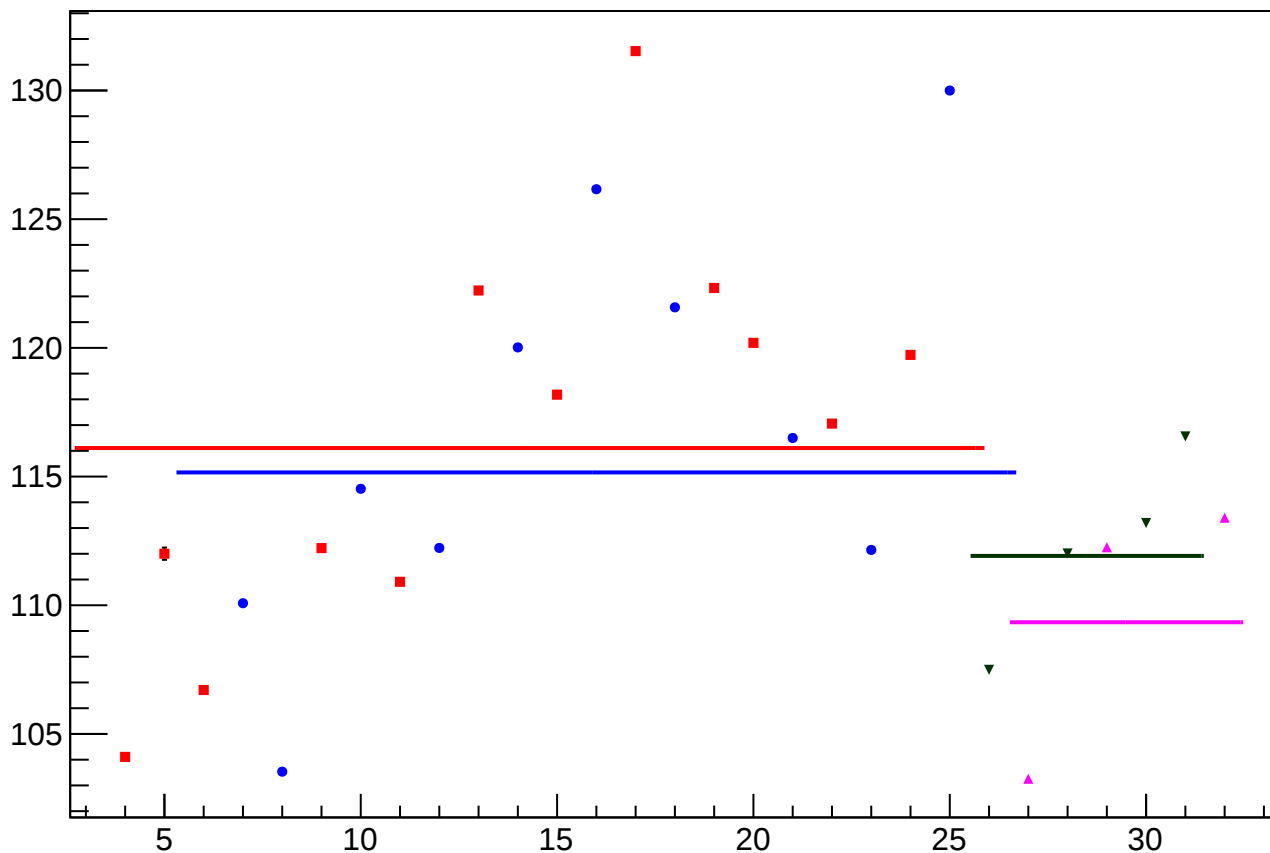
110292.429 $\pm$ 0.039 χ^2 /NDF: 1121717248.3/13

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

110383.519 $\pm$ 0.039 χ^2 /NDF: 1270841698.0/14

Left In: 112015.620 $\pm$ 0.068 χ^2 /NDF: 7665748.9/2

yield_bpm0l01WS_rms vs slug



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

Left Out: 111.918 $\pm$ 0.055 χ^2 /NDF: 2935.7/3

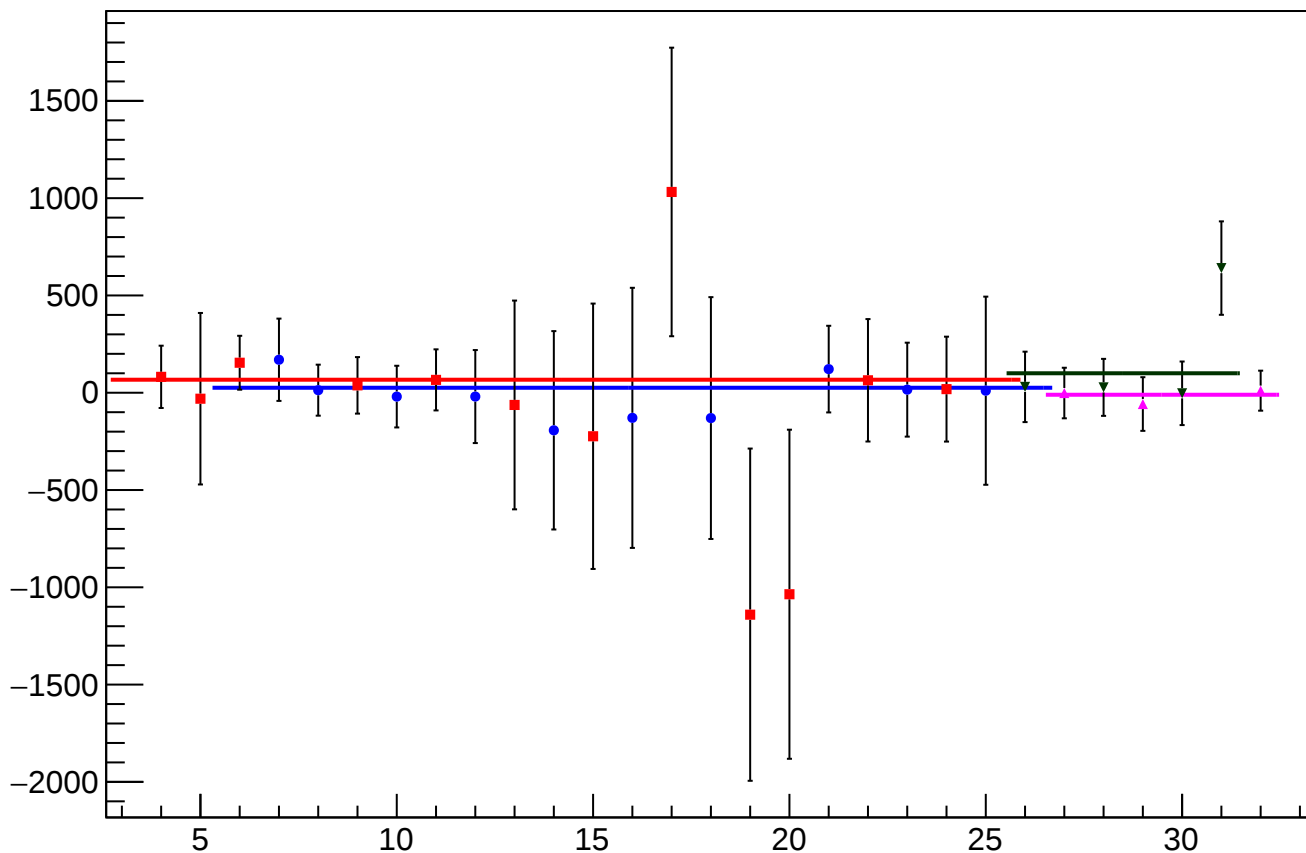
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

Left In: 109.340 $\pm$ 0.048 χ^2 /NDF: 9250.5/2

114.333 $\pm$ 0.028 χ^2 /NDF: 53613.7/13

113.943 $\pm$ 0.027 χ^2 /NDF: 66756.3/14

asym_bcm_an_ds_mean vs slug



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

Left Out: 100.077 $\pm$ 87.053 χ^2 /NDF: 5.9/3

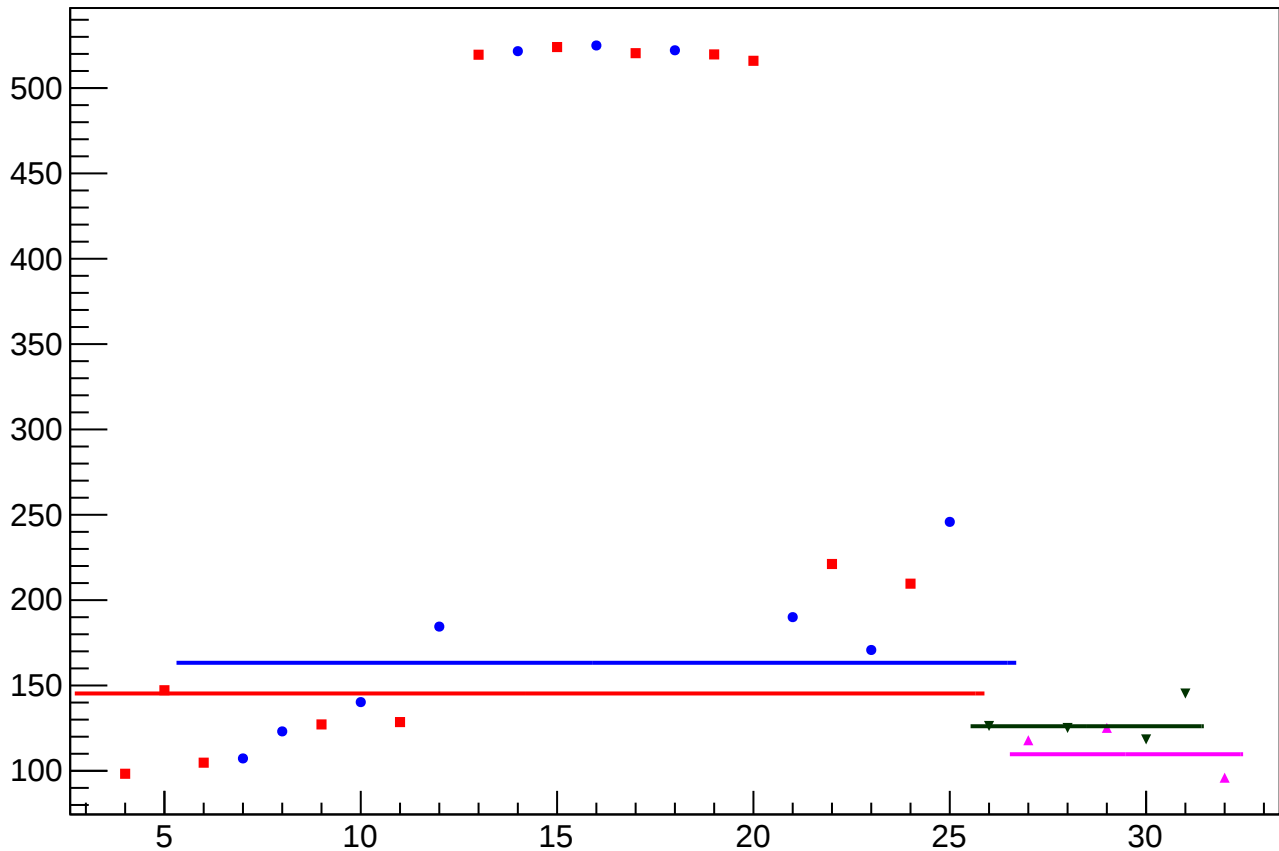
Right Out: 66.920 $\pm$ 67.669 χ^2 /NDF: 6.2/11

Left In: -10.358 $\pm$ 69.600 χ^2 /NDF: 0.2/2

56.312 $\pm$ 55.891 χ^2 /NDF: 7.4/13

29.368 $\pm$ 48.517 χ^2 /NDF: 7.0/14

asym_bcm_an_ds_rms vs slug



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

Left Out: 126.125+/-0.062 χ^2/NDF :17299.5/3

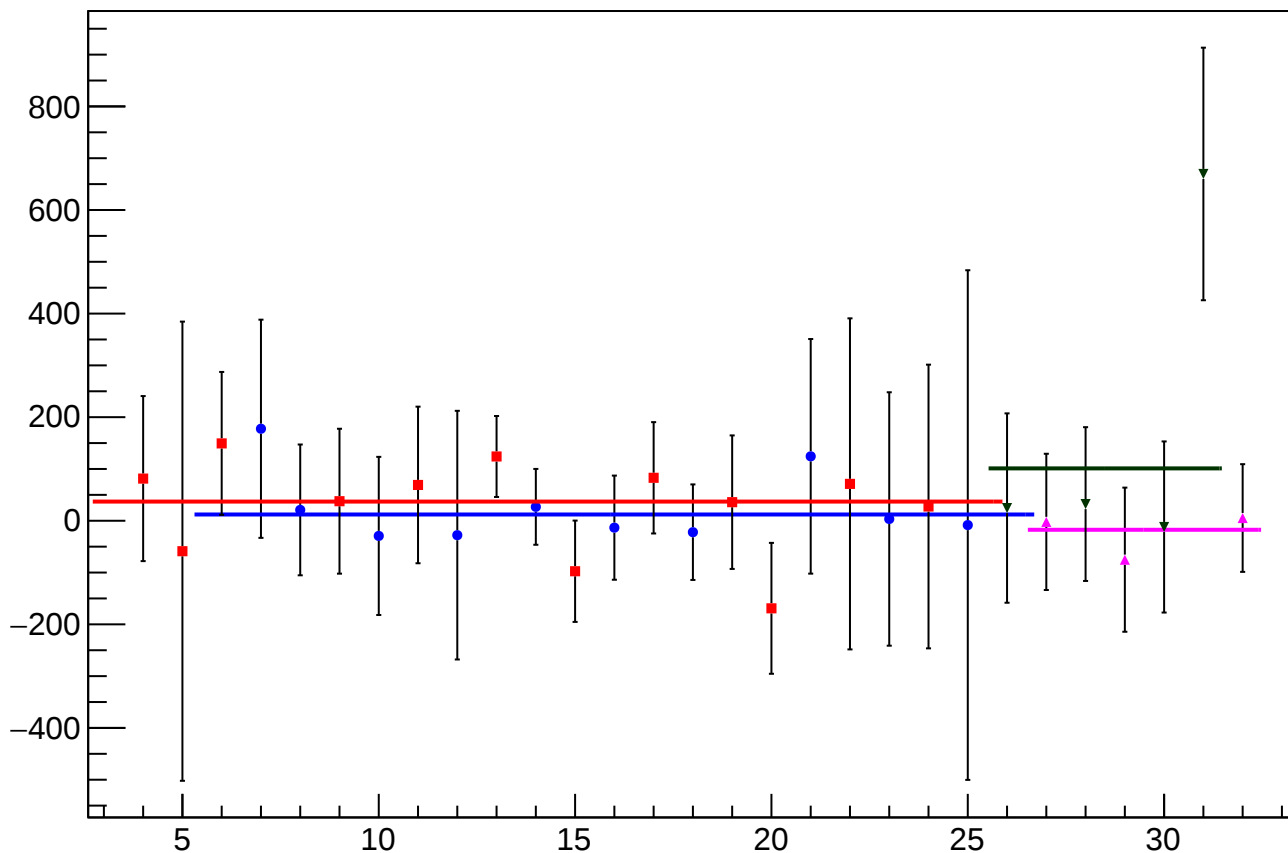
147.975+/-0.040 χ^2/NDF : 2947684.9/13

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

128.023+/-0.034 χ^2/NDF : 3836108.1/14

Left In: 109.724+/-0.049 χ^2/NDF :68797.2/2

asym_bcm_an_ds3_mean vs slug



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

Left Out: 101.107 $\pm$ 88.131 χ^2 /NDF: 6.3/3

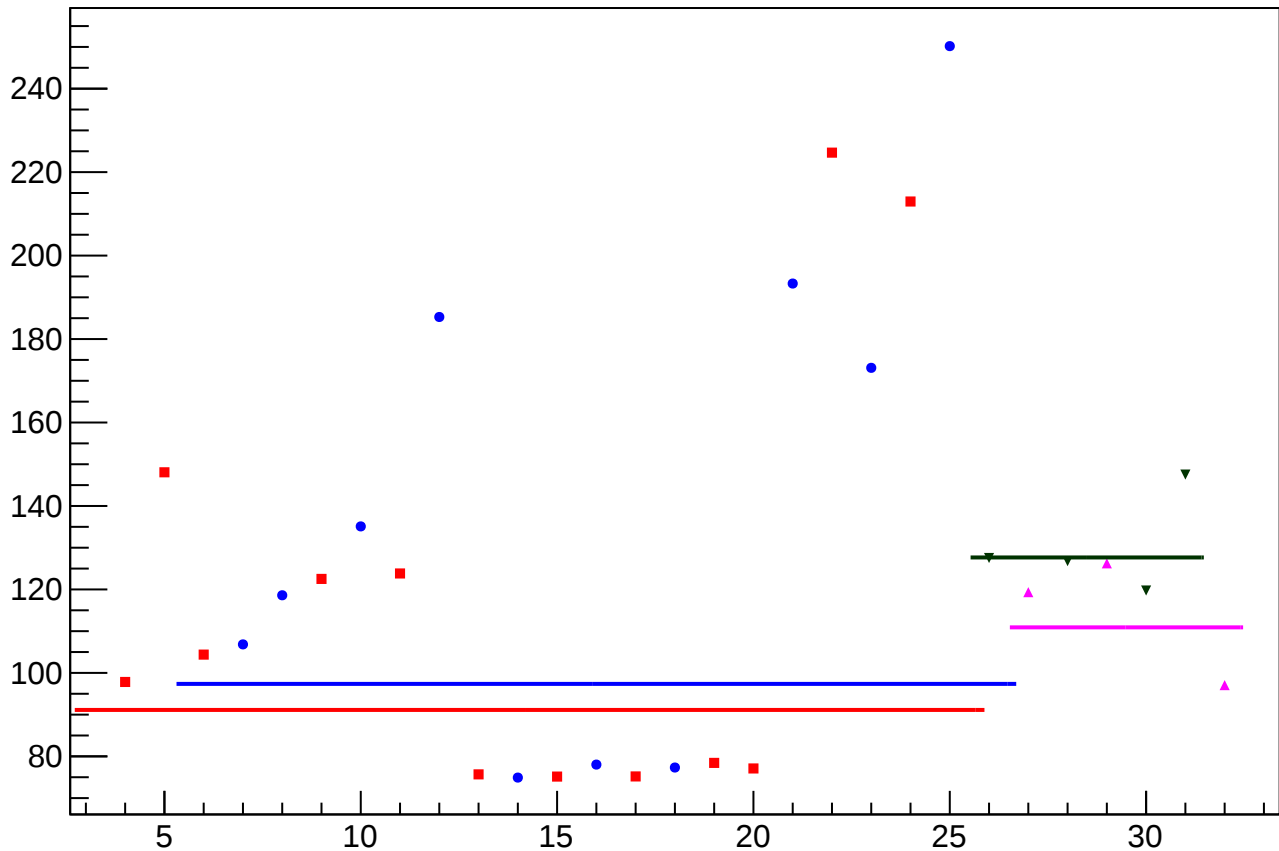
Right Out: 37.031 $\pm$ 38.001 χ^2 /NDF: 6.8/11

Left In: -17.429 $\pm$ 70.367 χ^2 /NDF: 0.2/2

28.067 $\pm$ 37.329 χ^2 /NDF: 8.3/13

24.734 $\pm$ 33.437 χ^2 /NDF: 7.5/14

asym_bcm_an_ds3_rms vs slug



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

Left Out: 127.664+/-0.062 χ^2/NDF :17938.7/3

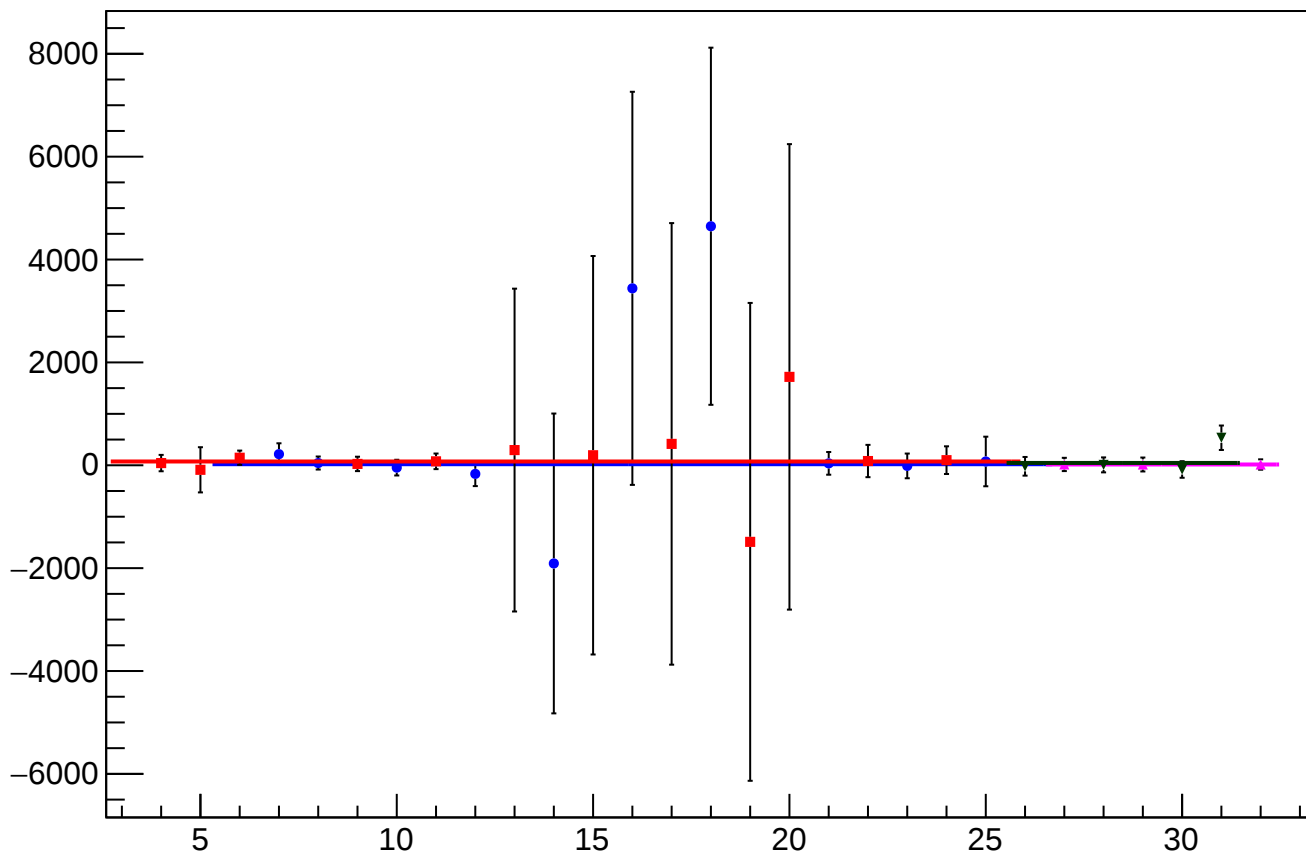
Right Out: 91.126+/-0.027 χ^2/NDF : 1213529.6/11

Left In: 110.911+/-0.050 χ^2/NDF :67985.6/2

102.802+/-0.026 χ^2/NDF : 1762951.8/13

95.593+/-0.024 χ^2/NDF : 1403933.8/14

asym_bcm_an_us_mean vs slug



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

Left Out: 45.360+/-86.413 χ^2/NDF : 5.1/3

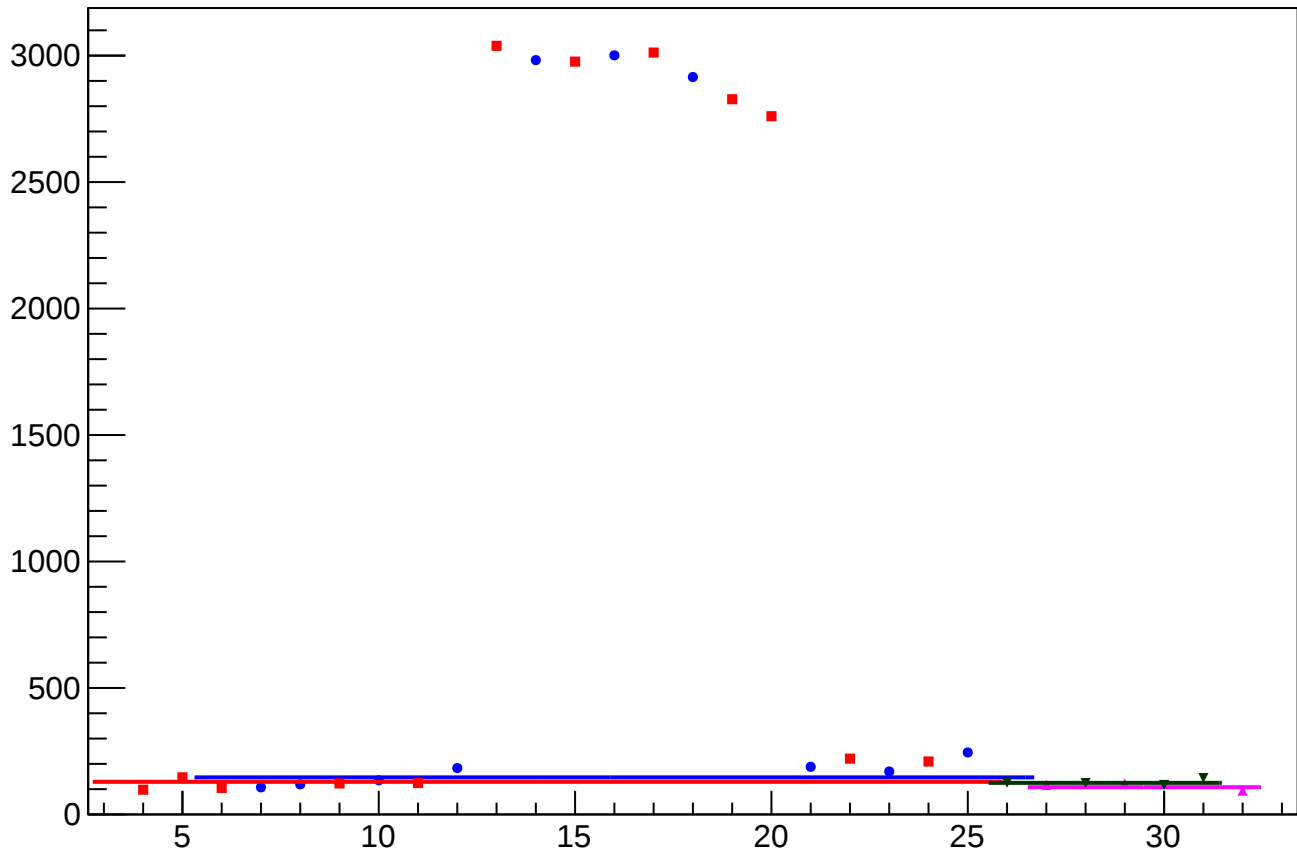
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 15.287+/-68.477 χ^2/NDF : 0.0/2

31.094+/-55.749 χ^2/NDF : 9.9/13

44.681+/-48.287 χ^2/NDF : 1.2/14

asym_bcm_an_us_rms vs slug



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

Left Out: 124.914 $\pm$ 0.061 χ^2 /NDF: 18005.3/3

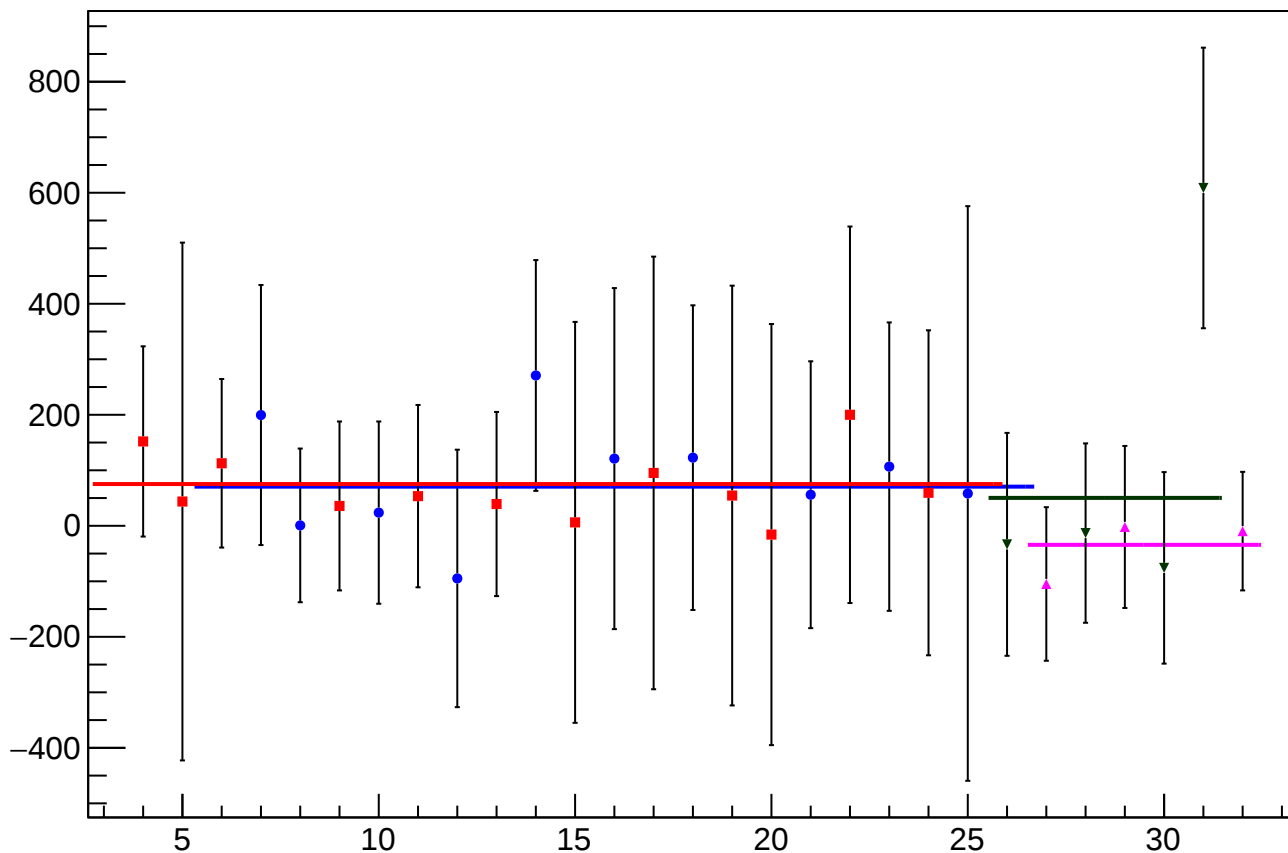
137.558 $\pm$ 0.039 χ^2 /NDF: 4770352.7/13

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

118.469 $\pm$ 0.034 χ^2 /NDF: 5716757.8/14

Left In: 107.870 $\pm$ 0.048 χ^2 /NDF: 71638.9/2

asym_bcm_dg_us_mean vs slug



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

Left Out: 50.296+/-94.339 χ^2/NDF :5.7/3

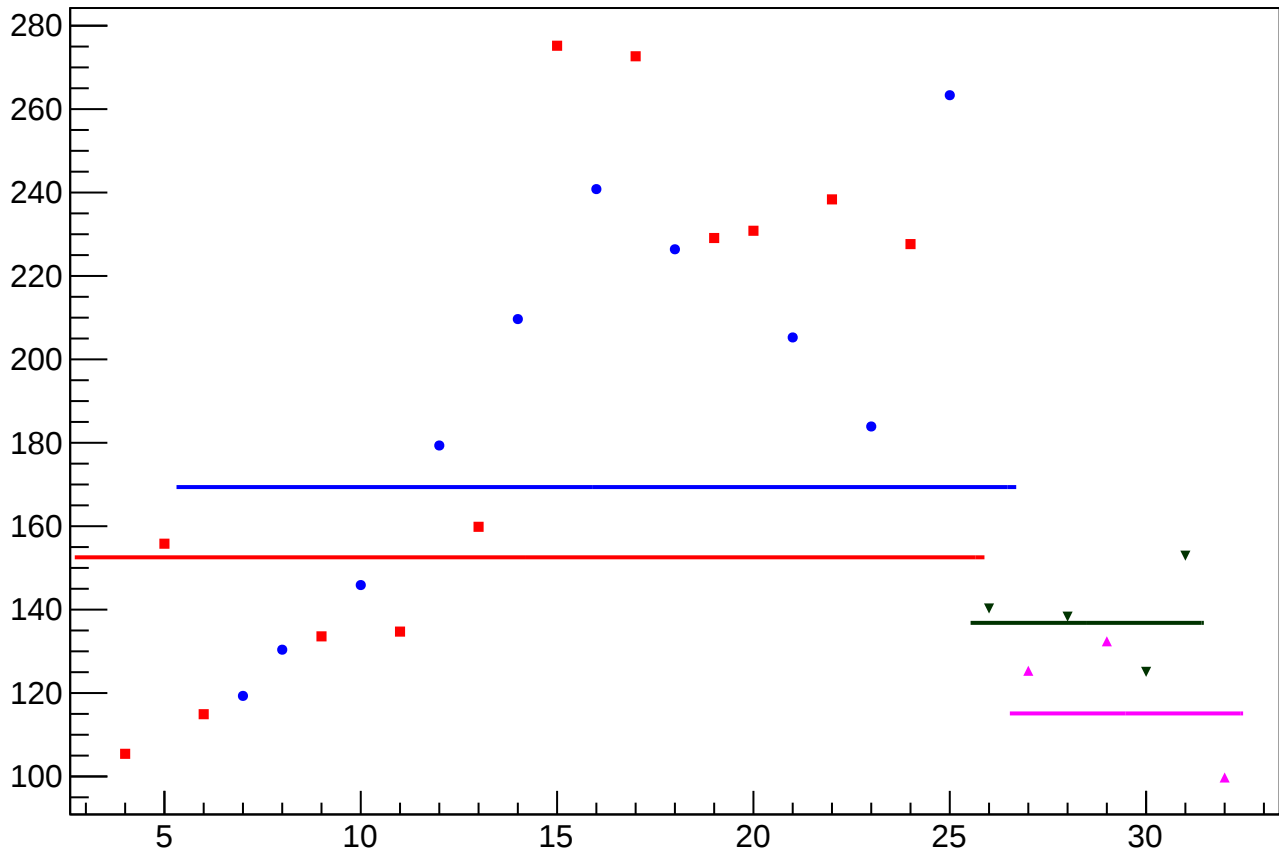
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

Left In: -34.310+/-73.148 χ^2/NDF :0.4/2

63.464+/-55.787 χ^2/NDF : 7.9/13

28.061+/-47.998 χ^2/NDF : 2.3/14

asym_bcm_dg_us_rms vs slug



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

Left Out: 136.828+/-0.067 χ^2/NDF : 18151.9/3

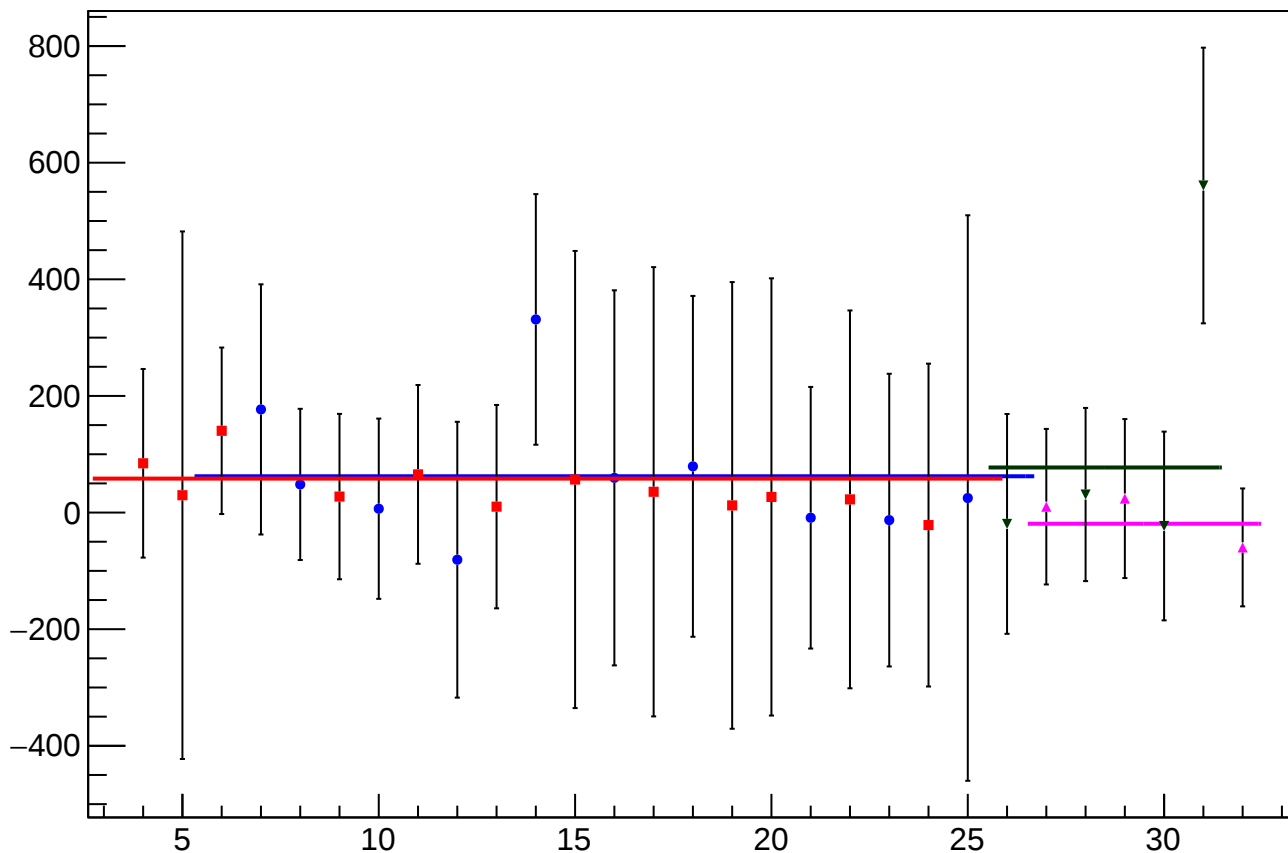
157.999+/-0.039 χ^2/NDF : 853903.4/13

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

136.425+/-0.034 χ^2/NDF : 1558616.2/14

Left In: 115.111+/-0.052 χ^2/NDF : 80382.4/2

asym_bcm_dg_ds_mean vs slug



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

Left Out: 77.317+/-87.854 χ^2/NDF : 4.9/3

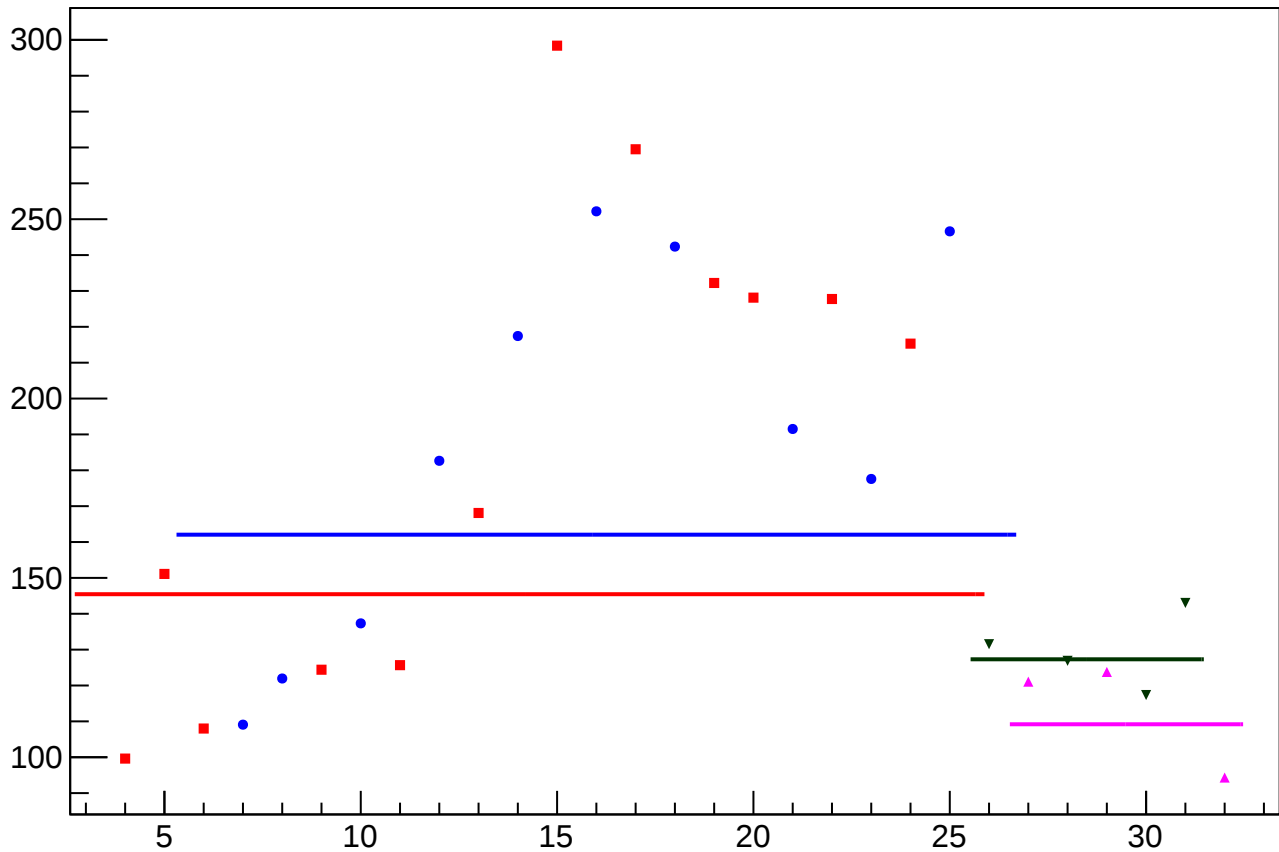
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

Left In: -19.182+/-69.365 χ^2/NDF : 0.3/2

67.774+/-53.182 χ^2/NDF : 7.5/13

24.367+/-45.886 χ^2/NDF : 1.6/14

asym_bcm_dg_ds_rms vs slug



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

Left Out: 127.305+/-0.062 χ^2/NDF :17430.7/3

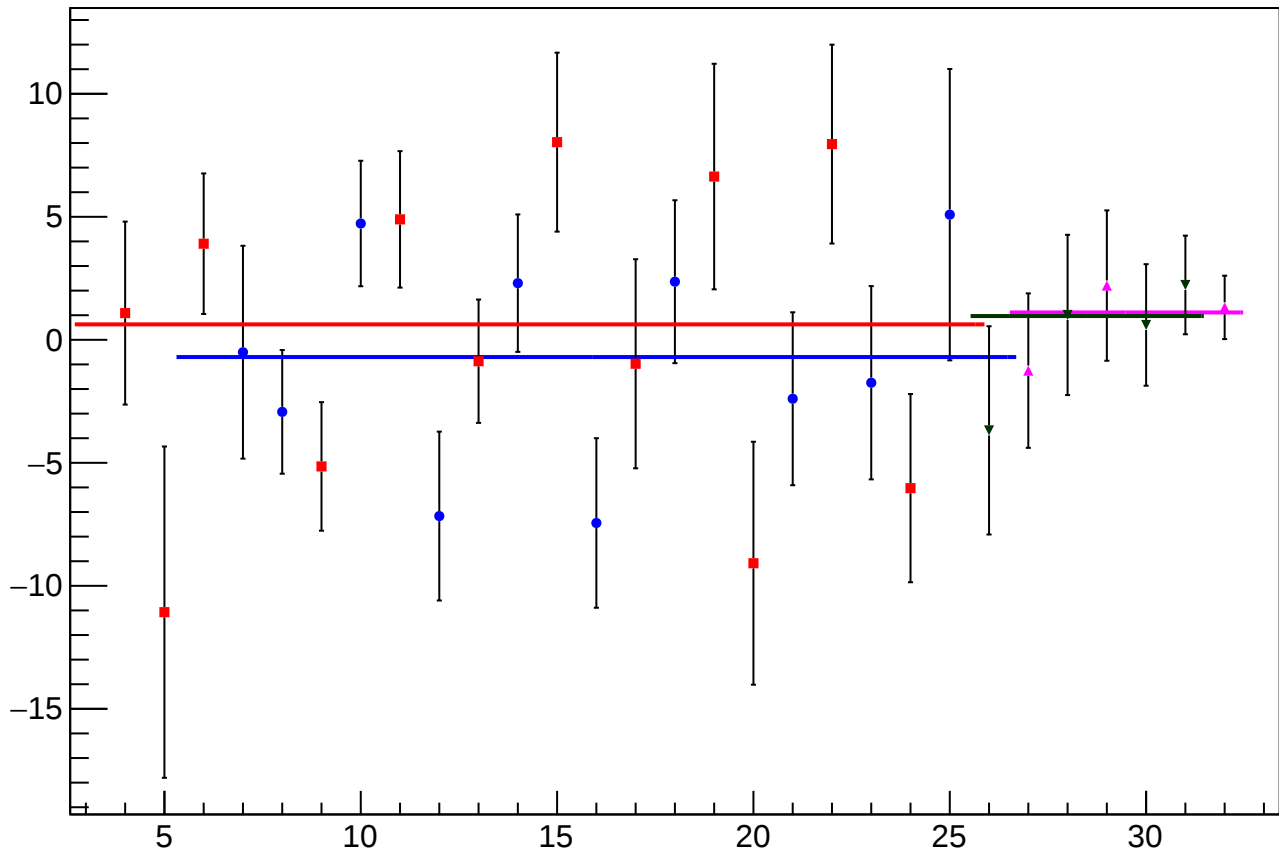
149.316+/-0.038 χ^2/NDF : 1139222.4/13

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

129.586+/-0.032 χ^2/NDF : 1767157.1/14

Left In: 109.191+/-0.049 χ^2/NDF :81938.6/2

asym_cav4bQ_mean vs slug



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

Left Out: 0.966 ± 1.333 χ^2/NDF : 1.6/3

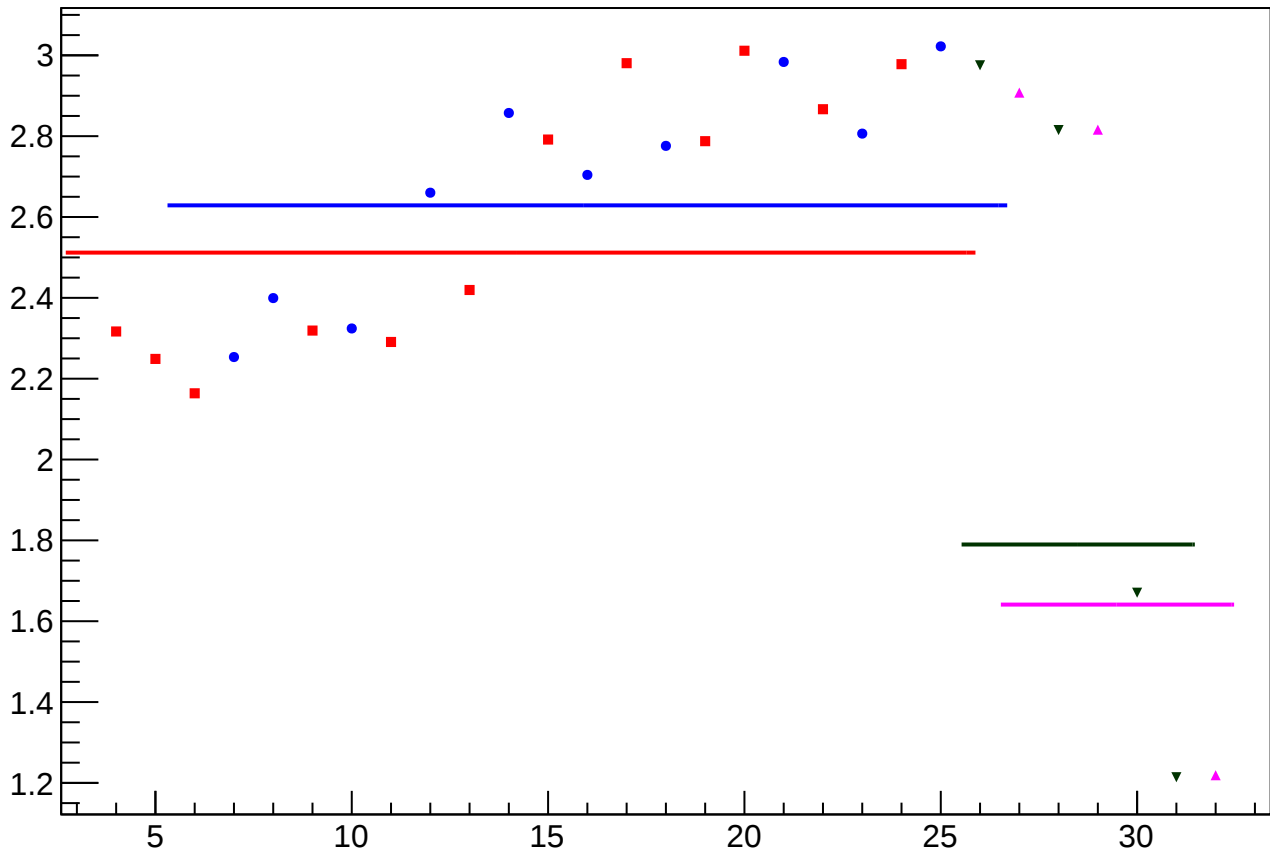
Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

Left In: 1.113 ± 1.111 χ^2/NDF : 0.7/2

-0.072 ± 0.819 χ^2/NDF : 18.6/13

0.845 ± 0.743 χ^2/NDF : 29.0/14

asym_cav4bQ_rms vs slug



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

Left Out: 1.790 $\pm$ 0.001 χ^2 /NDF: 524679.4/3

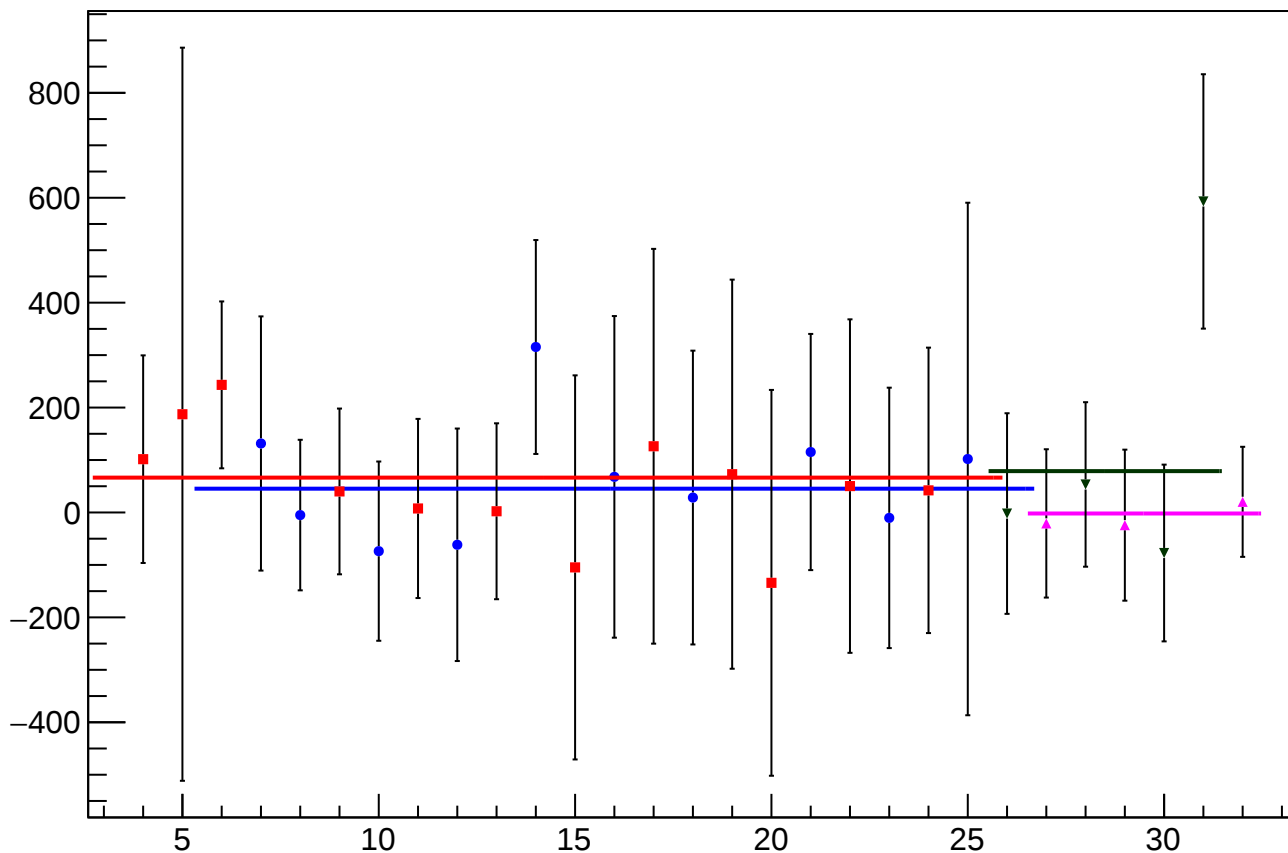
2.312 $\pm$ 0.001 χ^2 /NDF: 1129881.8/13

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

2.122 $\pm$ 0.001 χ^2 /NDF: 1688808.5/14

Left In: 1.641 $\pm$ 0.001 χ^2 /NDF: 835730.5/2

asym_cav4cQ_mean vs slug



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

Left Out: 78.816+/-91.199 χ^2/NDF : 5.6/3

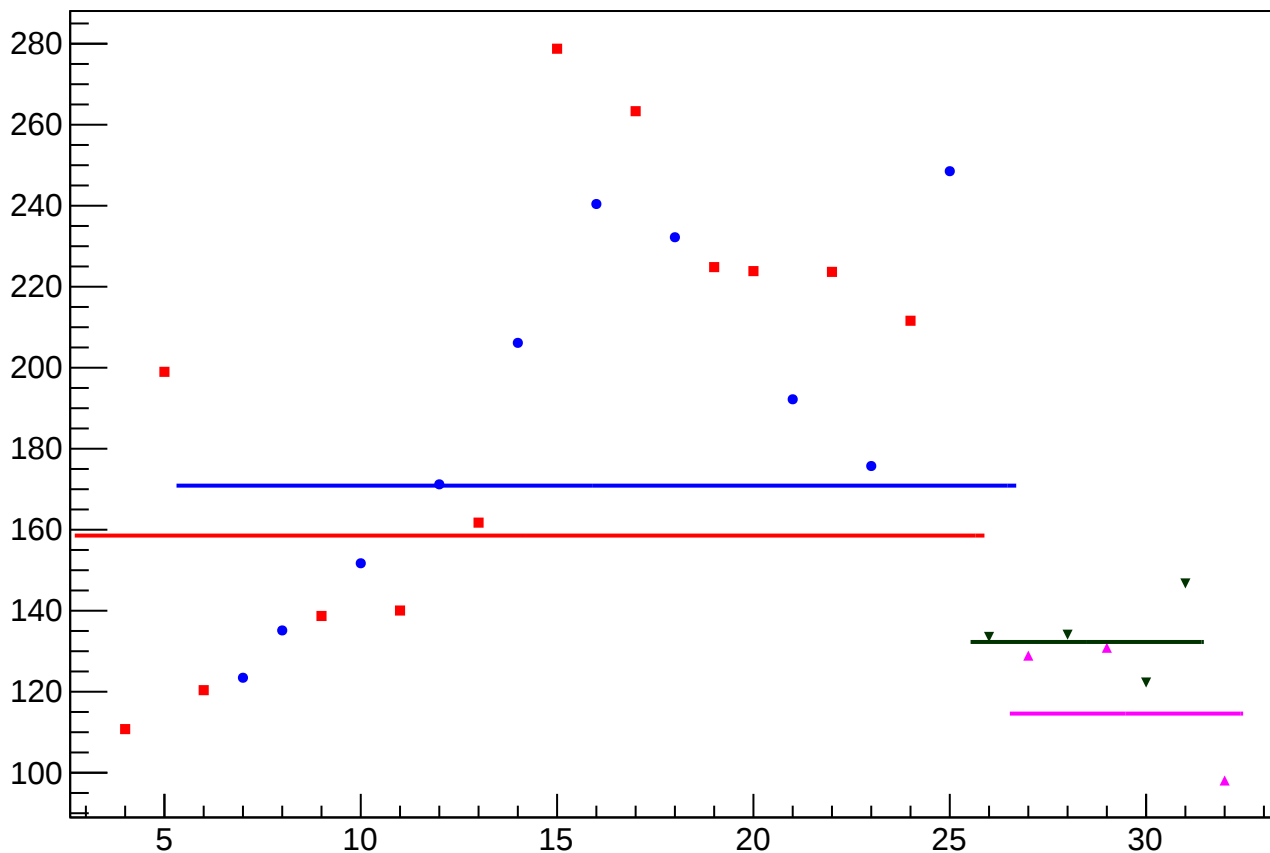
Right Out: 66.444+/-65.999 χ^2/NDF : 2.1/11

Left In: -1.950+/-72.717 χ^2/NDF : 0.1/2

57.617+/-55.215 χ^2/NDF : 8.5/13

35.551+/-48.871 χ^2/NDF : 2.7/14

asym_cav4cQ_rms vs slug



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

Left Out: 132.287+/-0.064 χ^2/NDF :14514.0/3

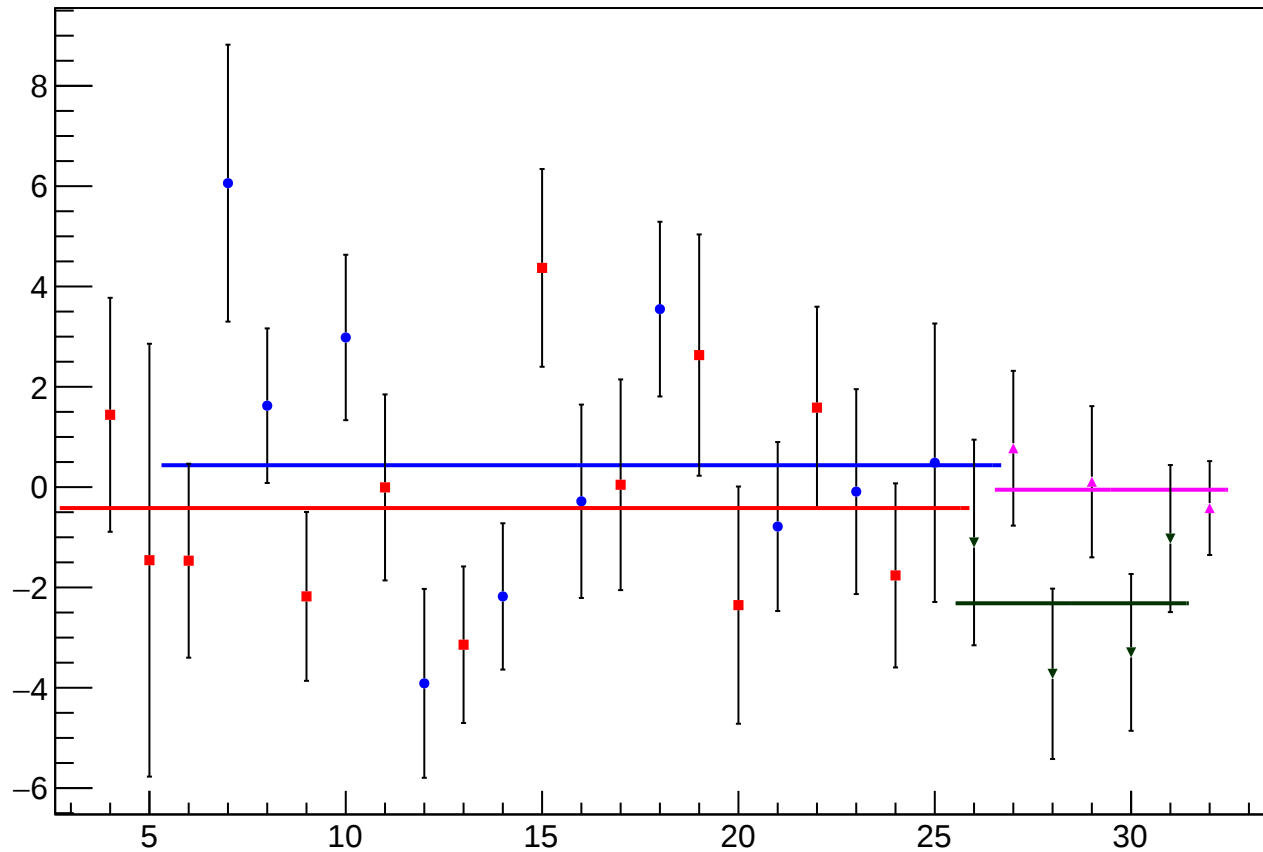
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 114.600+/-0.051 χ^2/NDF :95599.4/2

156.737+/-0.039 χ^2/NDF : 795200.4/13

138.702+/-0.035 χ^2/NDF : 1447991.9/14

asym_cav4dQ_mean vs slug



Right In: 0.437 $\pm$ 0.578 χ^2/NDF : 19.6/9

Left Out: -2.316 $\pm$ 0.828 χ^2/NDF : 2.2/3

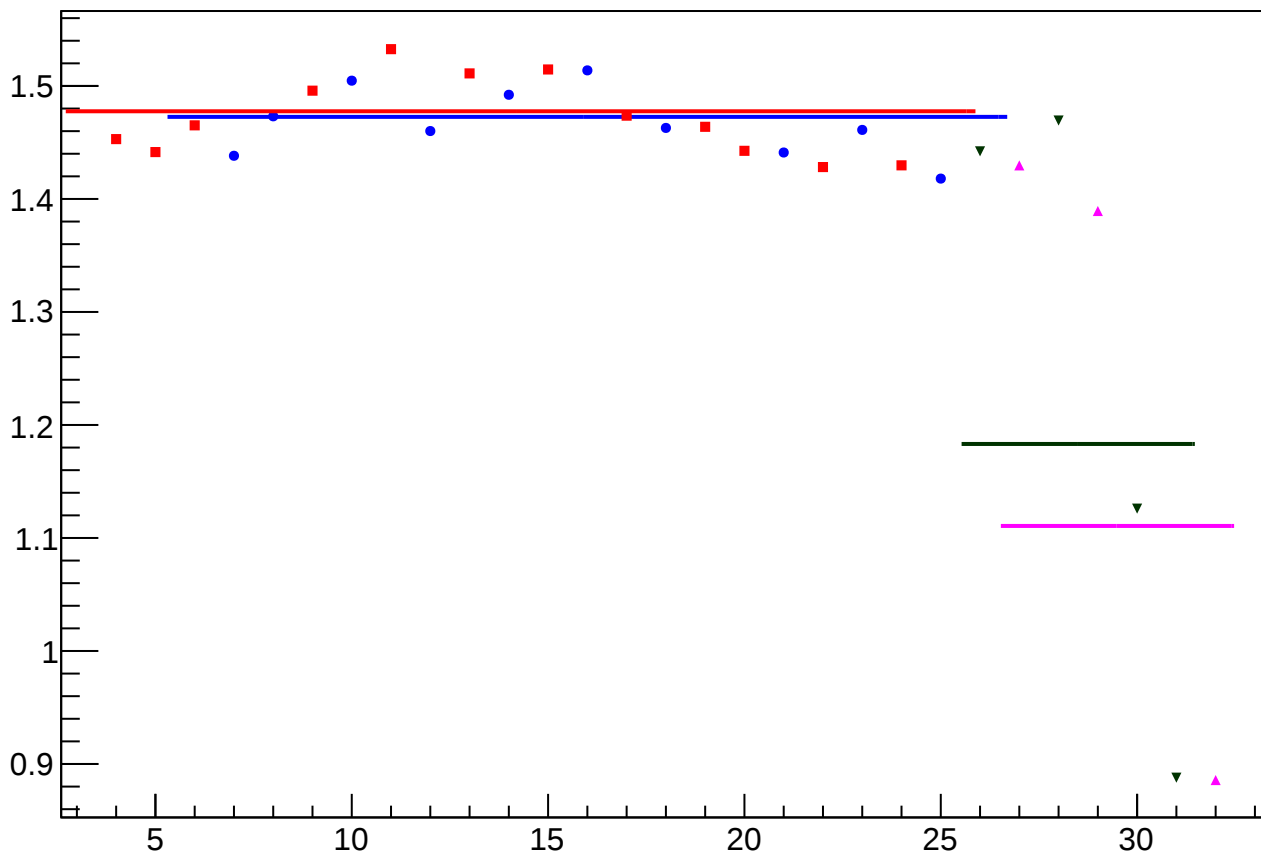
Right Out: -0.417 $\pm$ 0.583 χ^2/NDF : 14.9/11

Left In: -0.052 $\pm$ 0.707 χ^2/NDF : 0.5/2

-0.466 $\pm$ 0.474 χ^2/NDF : 29.2/13

-0.269 $\pm$ 0.450 χ^2/NDF : 15.5/14

asym_cav4dQ_rms vs slug



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

Left Out: 1.183+/-0.001 χ^2/NDF :172571.9/3

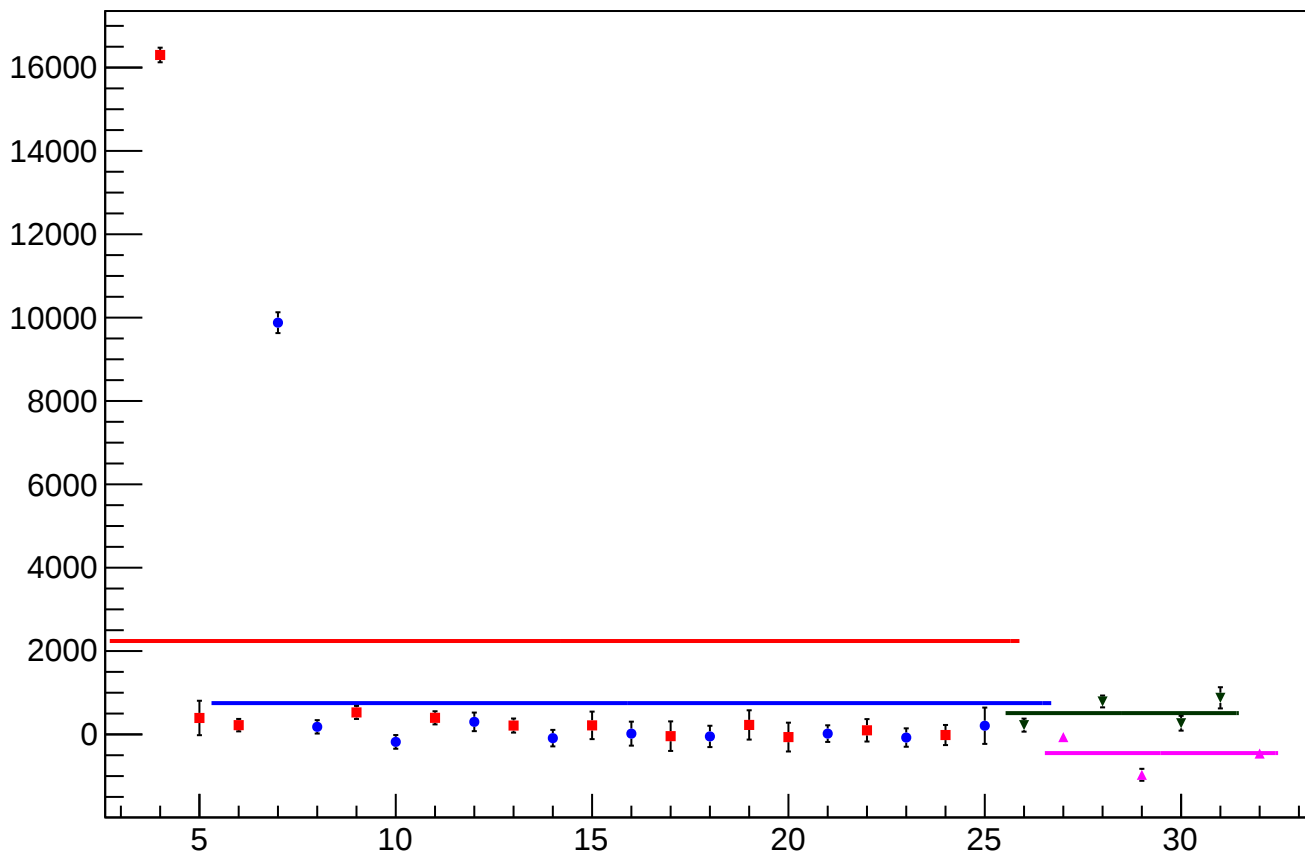
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 1.111+/-0.000 χ^2/NDF :269349.3/2

1.378+/-0.000 χ^2/NDF : 340992.1/13

1.329+/-0.000 χ^2/NDF : 597162.2/14

asym_bcm0l02_mean vs slug



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

Left Out: 510.836+/-85.313 χ^2/NDF : 11.2/3

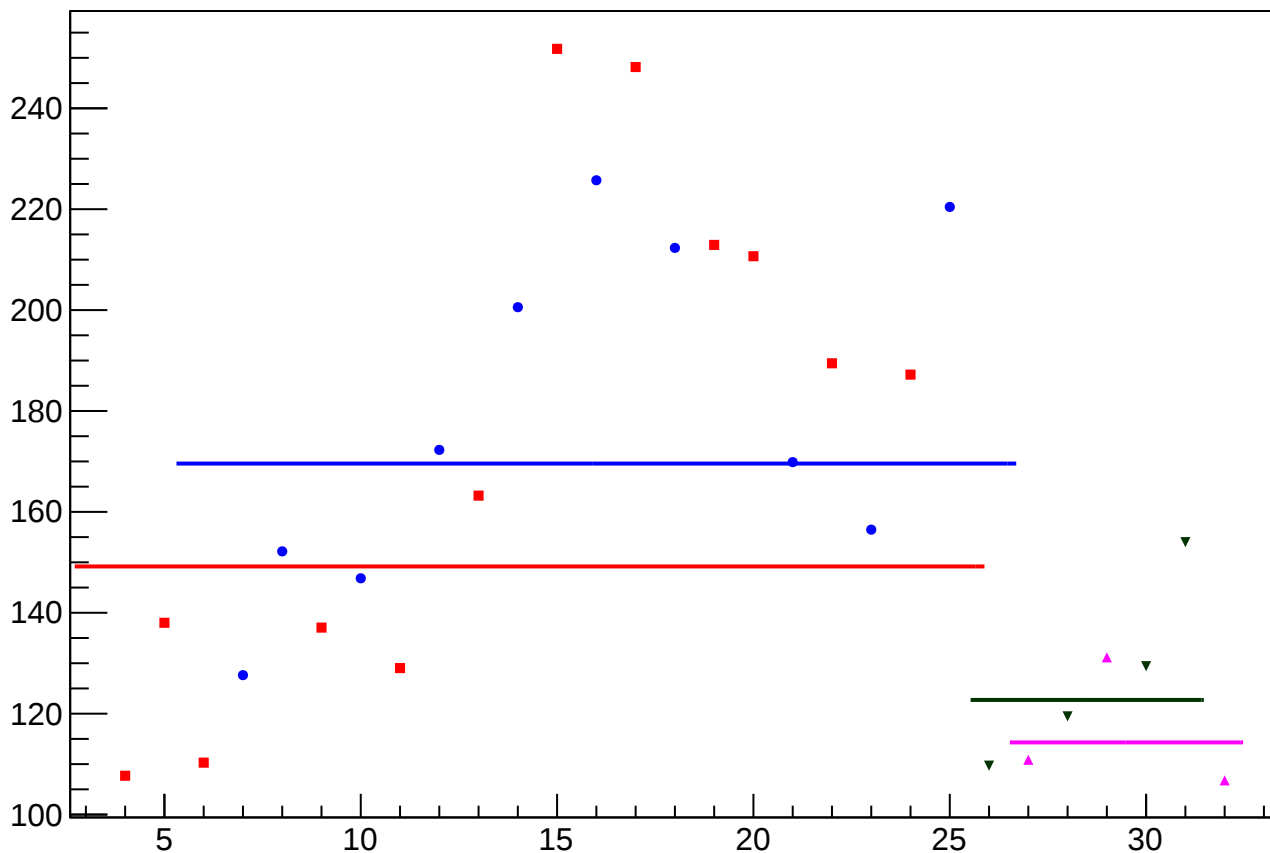
657.359+/-53.237 χ^2/NDF : 1461.6/13

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

1102.131+/-46.773 χ^2/NDF : 8160.5/14

Left In: -448.295+/-71.879 χ^2/NDF : 23.1/2

asym_bcm0l02_rms vs slug



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

Left Out: 122.725+/-0.060 χ^2/NDF : 47982.8/3

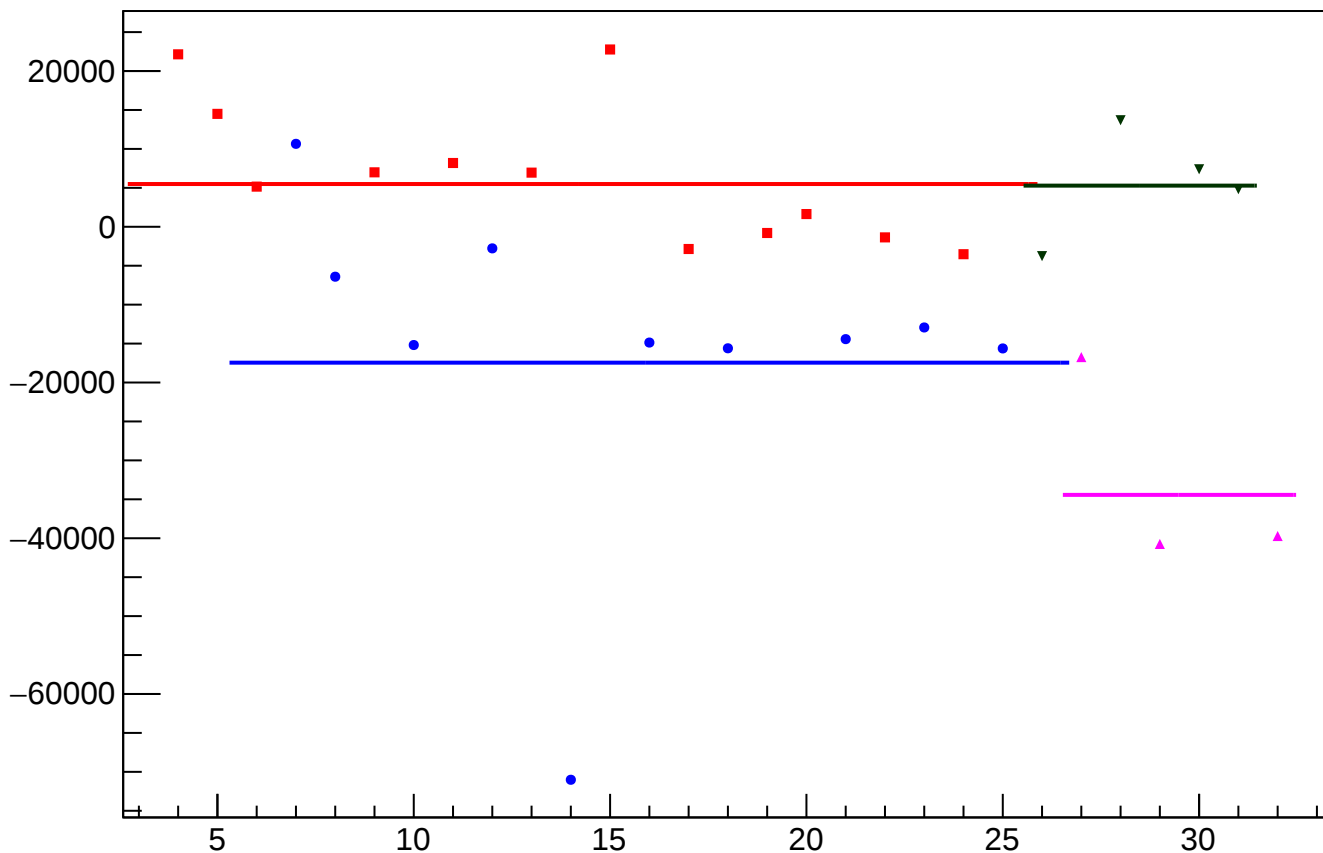
Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

Left In: 114.303+/-0.051 χ^2/NDF : 37866.7/2

151.334+/-0.038 χ^2/NDF : 749881.2/13

134.414+/-0.033 χ^2/NDF : 1189242.5/14

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 5285.272+/-80.866 χ^2/NDF : 6286.9/3

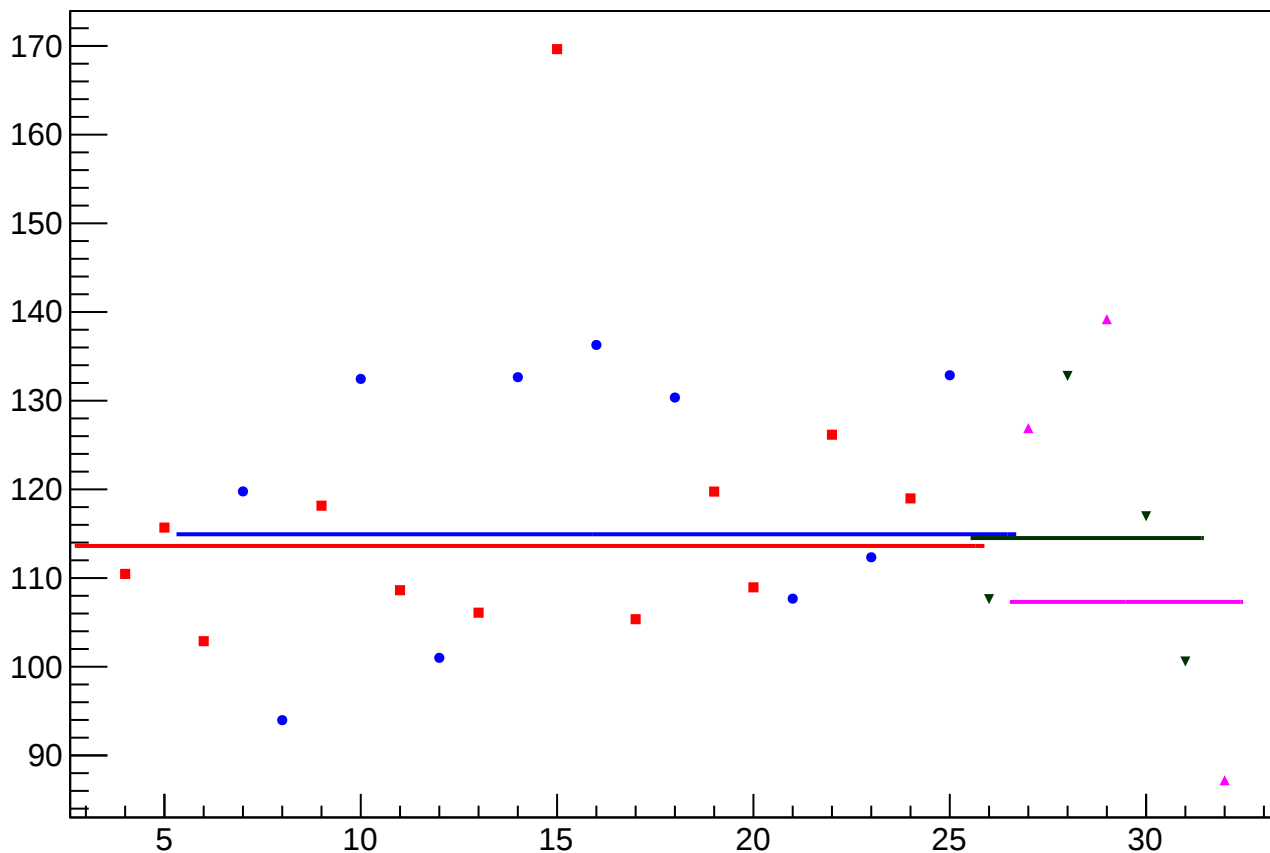
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -34430.992+/-70.244 χ^2/NDF : 19954.5/2

-11753.063+/-40.482 χ^2/NDF : 268858.0/13

-6626.866+/-38.700 χ^2/NDF : 269568.5/14

asym_bpm2i01WS_rms vs slug



Right In: 114.939+/-0.033 χ^2/NDF : 233540.9/9

Left Out: 114.510+/-0.057 χ^2/NDF : 43514.8/3

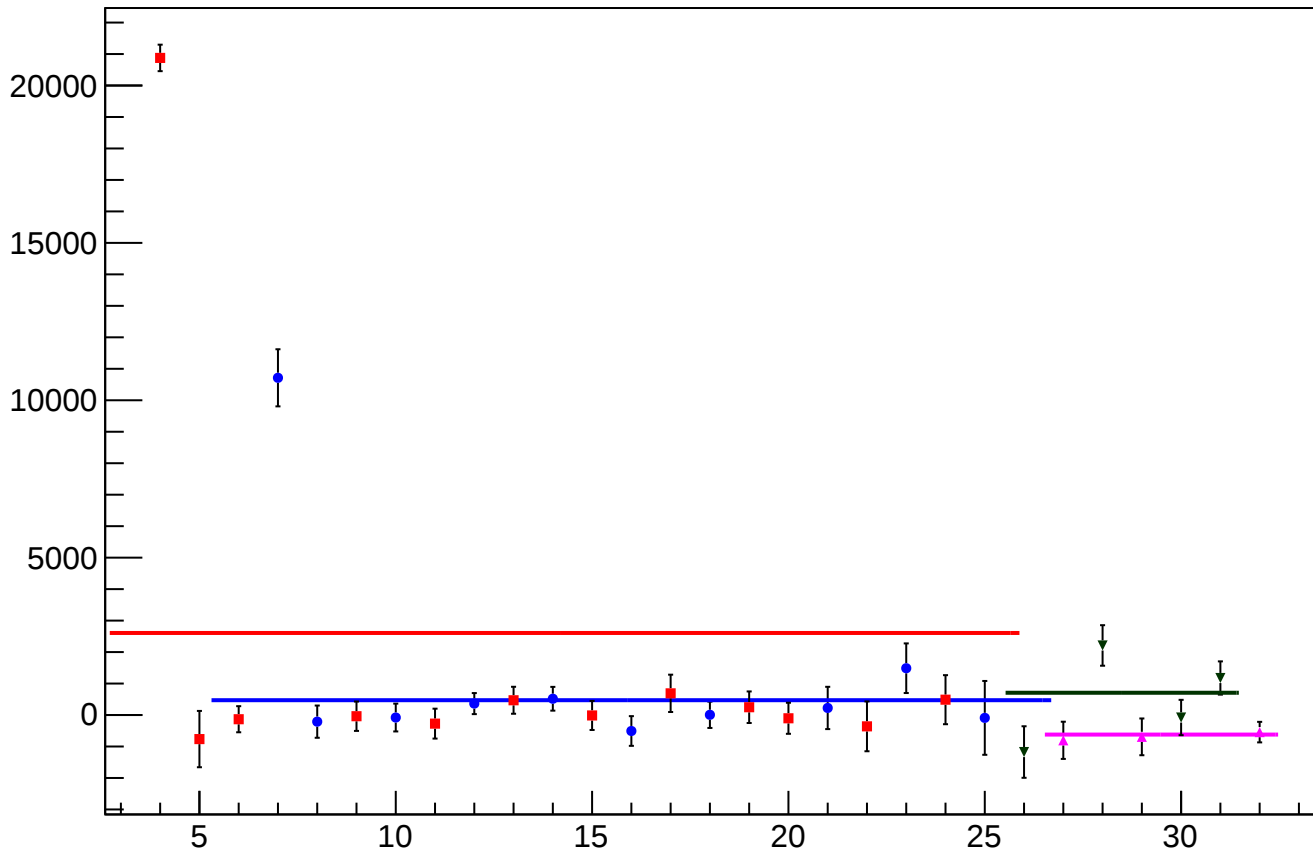
Right Out: 113.621+/-0.033 χ^2/NDF : 162658.1/11

Left In: 107.309+/-0.050 χ^2/NDF : 212586.0/2

114.831+/-0.029 χ^2/NDF : 277097.8/13

111.705+/-0.027 χ^2/NDF : 386488.9/14

asym_bpm0i07WS_mean vs slug



Right In: 470.960+/-156.387 χ^2/NDF : 138.4/9

Left Out: 707.452+/-306.288 χ^2/NDF : 13.5/3

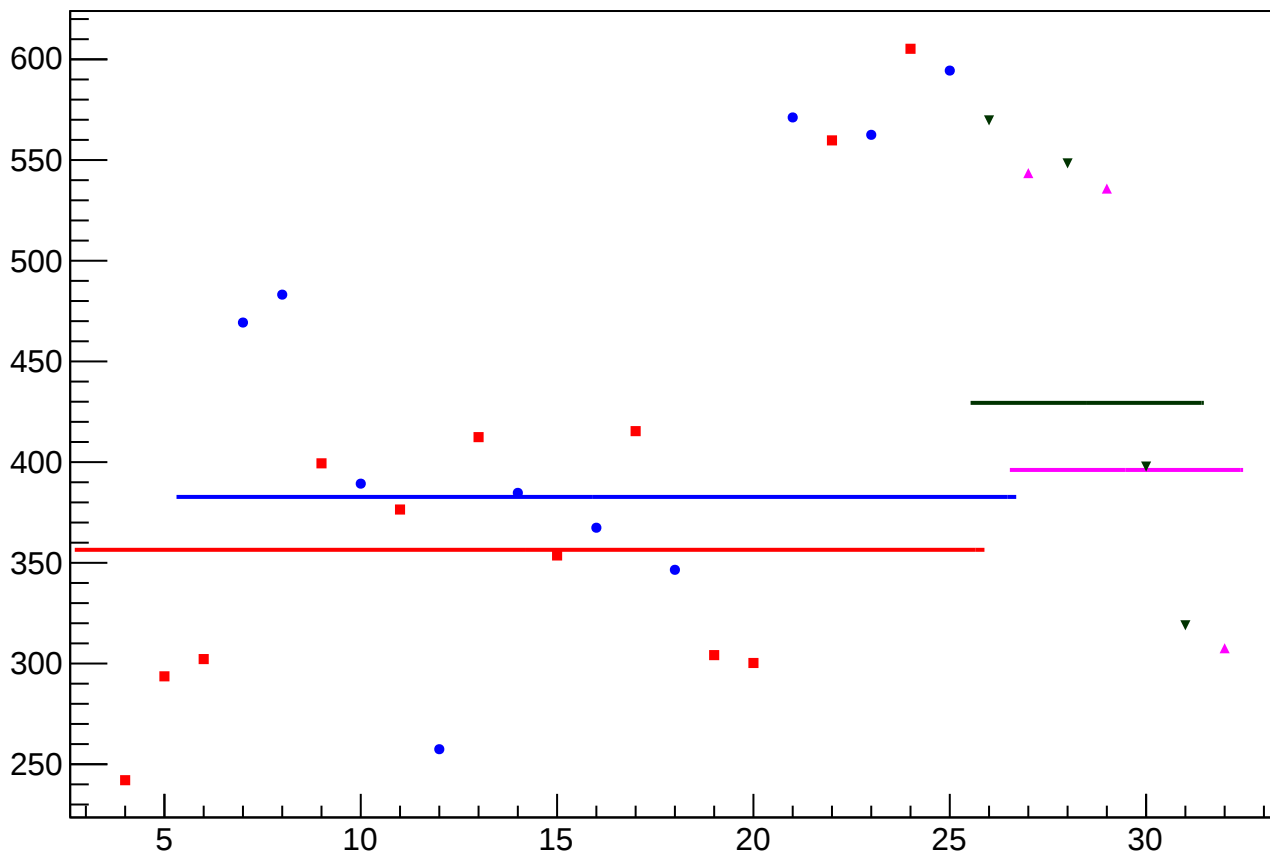
Right Out: 2606.972+/-147.343 χ^2/NDF : 2154.3/11

Left In: -621.201+/-256.566 χ^2/NDF : 0.2/2

519.864+/-139.282 χ^2/NDF : 152.4/13

1806.348+/-127.772 χ^2/NDF : 2273.5/14

asym_bpm0i07WS_rms vs slug



Right In: 382.730+/-0.111 χ^2/NDF : 720132.6/9

Left Out: 429.429+/-0.217 χ^2/NDF : 220684.5/3

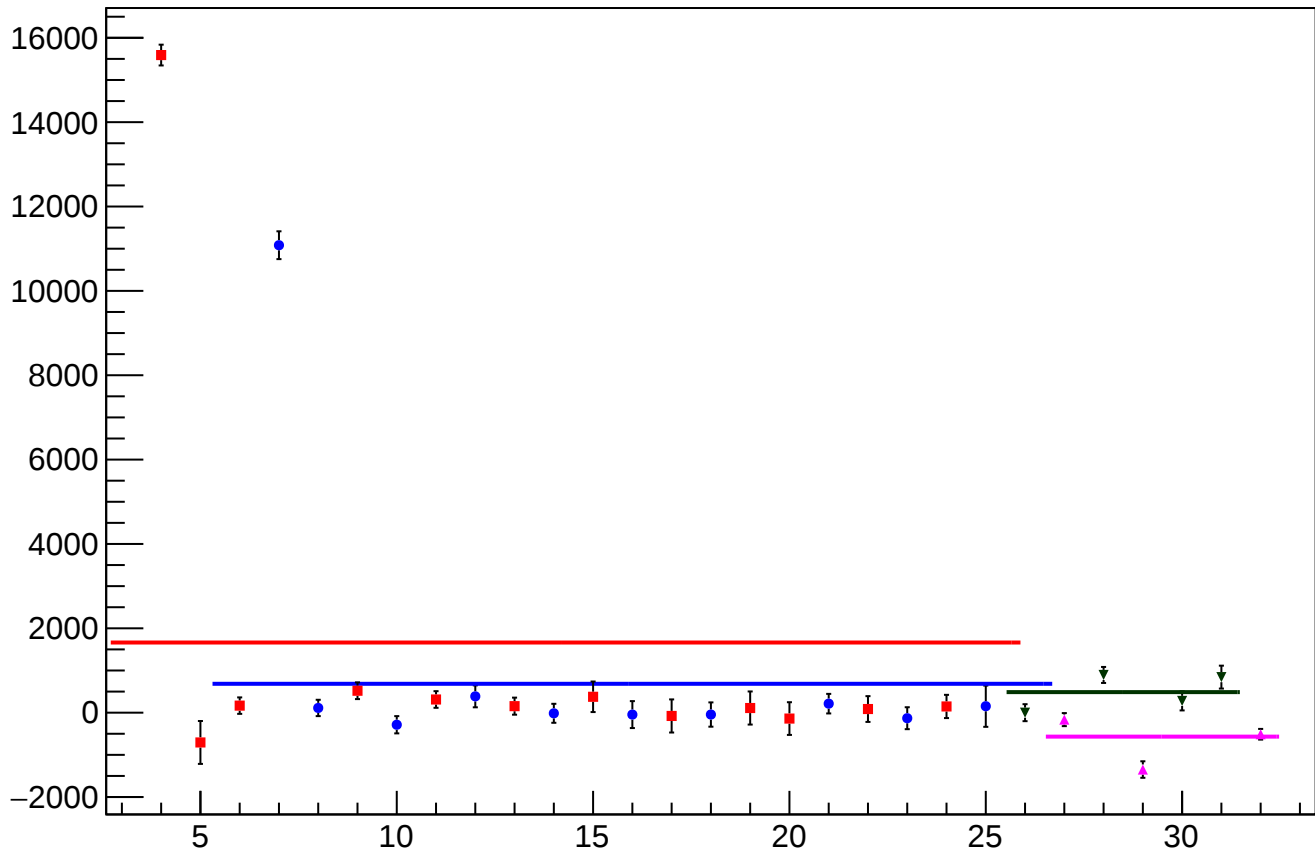
392.387+/-0.098 χ^2/NDF : 977695.4/13

Right Out: 356.465+/-0.104 χ^2/NDF : 650032.0/11

366.300+/-0.090 χ^2/NDF : 1072131.7/14

Left In: 396.120+/-0.181 χ^2/NDF : 386170.3/2

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 $\chi^2/\text{NDF}: 1063.9/9$

Left Out: 487.321 ± 108.016 $\chi^2/\text{NDF}: 13.0/3$

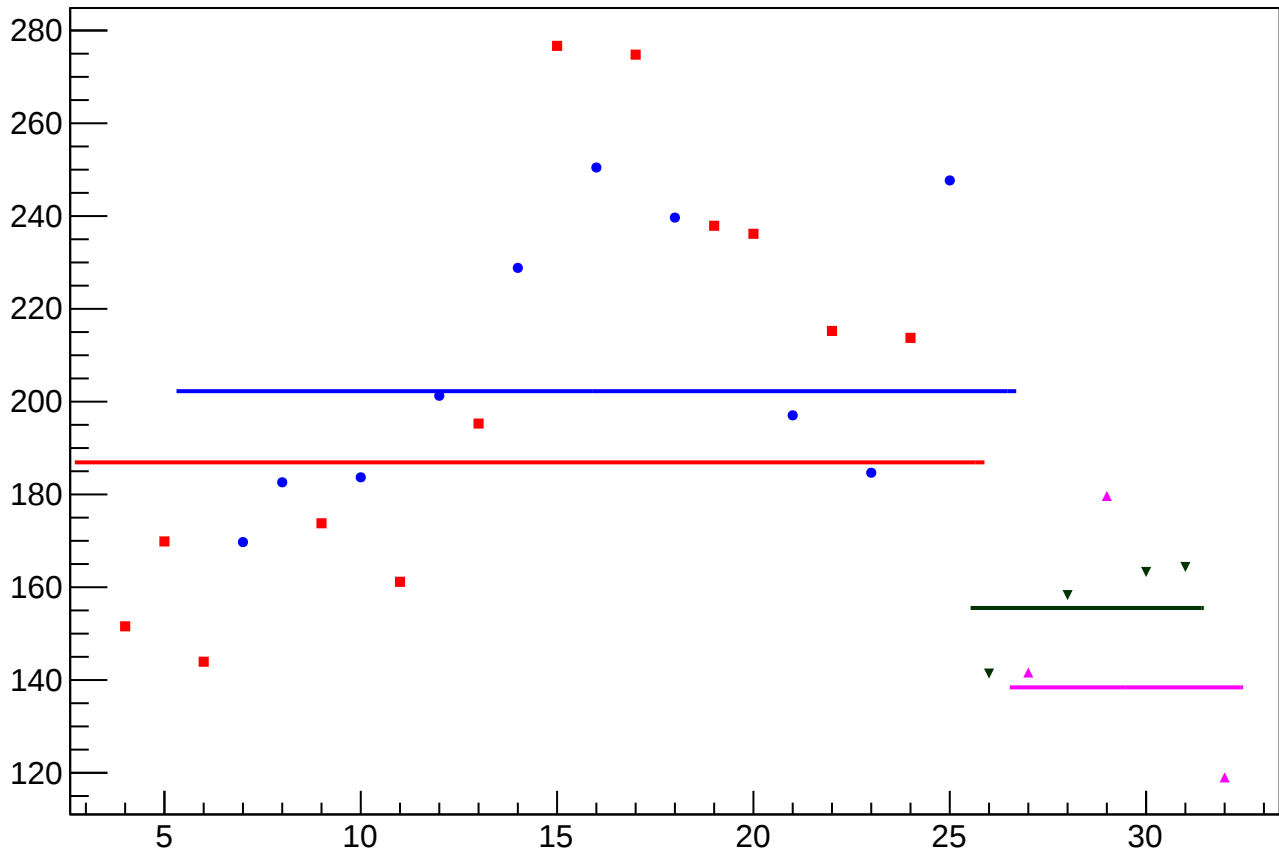
613.979 ± 64.626 $\chi^2/\text{NDF}: 1079.1/13$

Right Out: 1663.245 ± 75.915 $\chi^2/\text{NDF}: 3538.6/11$

706.585 ± 57.375 $\chi^2/\text{NDF}: 3931.8/14$

Left In: -567.813 ± 87.620 $\chi^2/\text{NDF}: 22.9/2$

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 155.530+/-0.076 χ^2/NDF : 14793.0/3

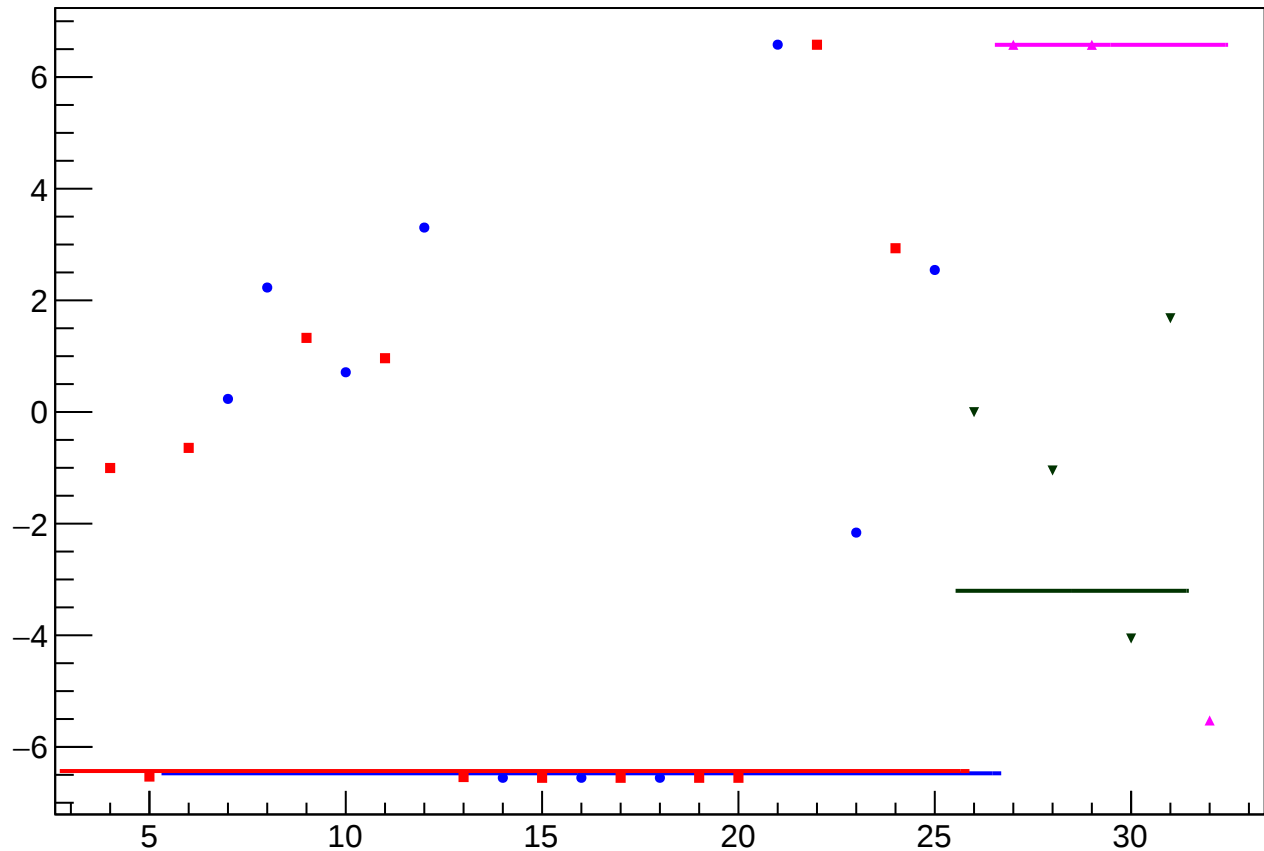
185.531+/-0.046 χ^2/NDF : 446289.4/13

Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

166.120+/-0.041 χ^2/NDF : 998868.3/14

Left In: 138.420+/-0.062 χ^2/NDF : 136632.9/2

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -3.203+/-0.001 χ^2/NDF : 1544963.2/3

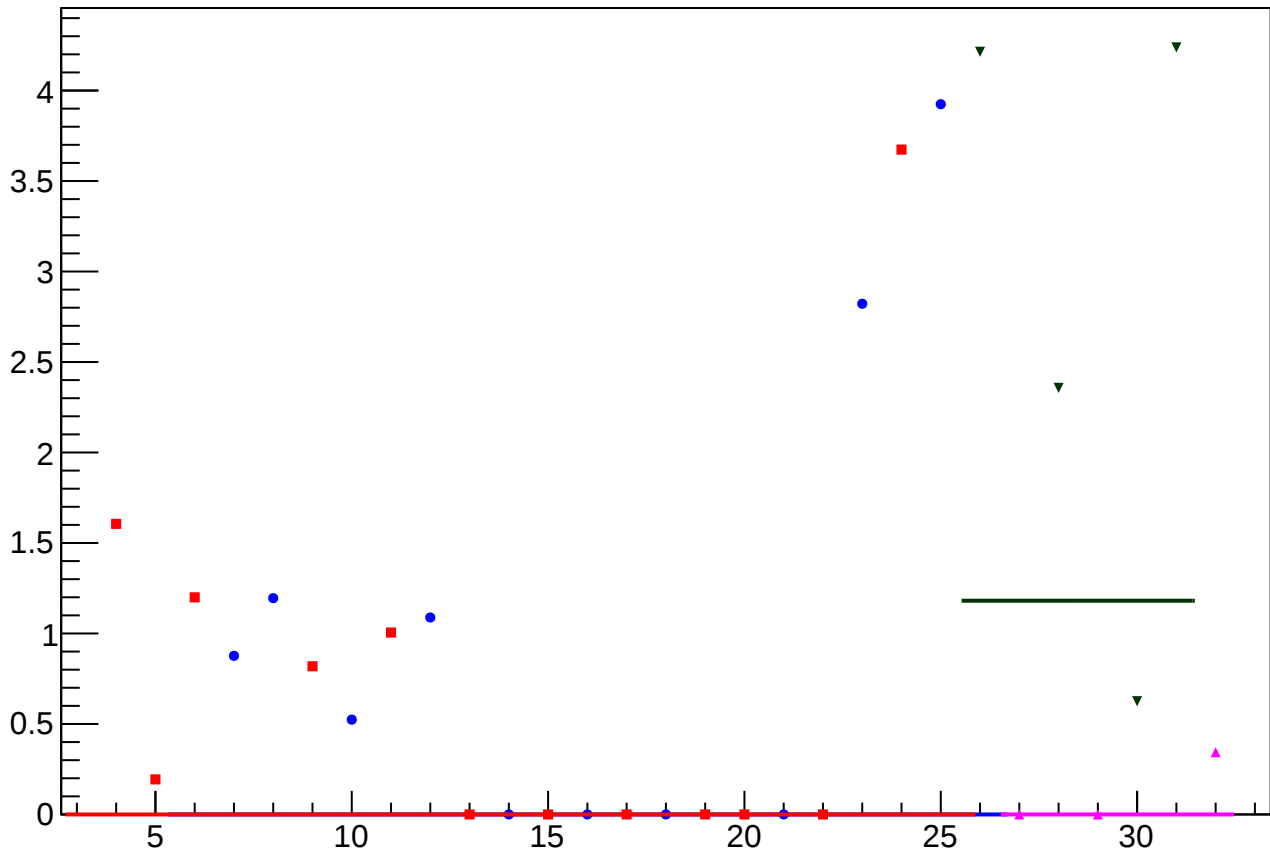
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 375316971.6/2

-6.473+/-0.000 χ^2/NDF : 127847935770158.8/1

-6.315+/-0.000 χ^2/NDF : 297092087619733.9/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 1.181+/-0.001 χ^2/NDF : 1421061.2/3

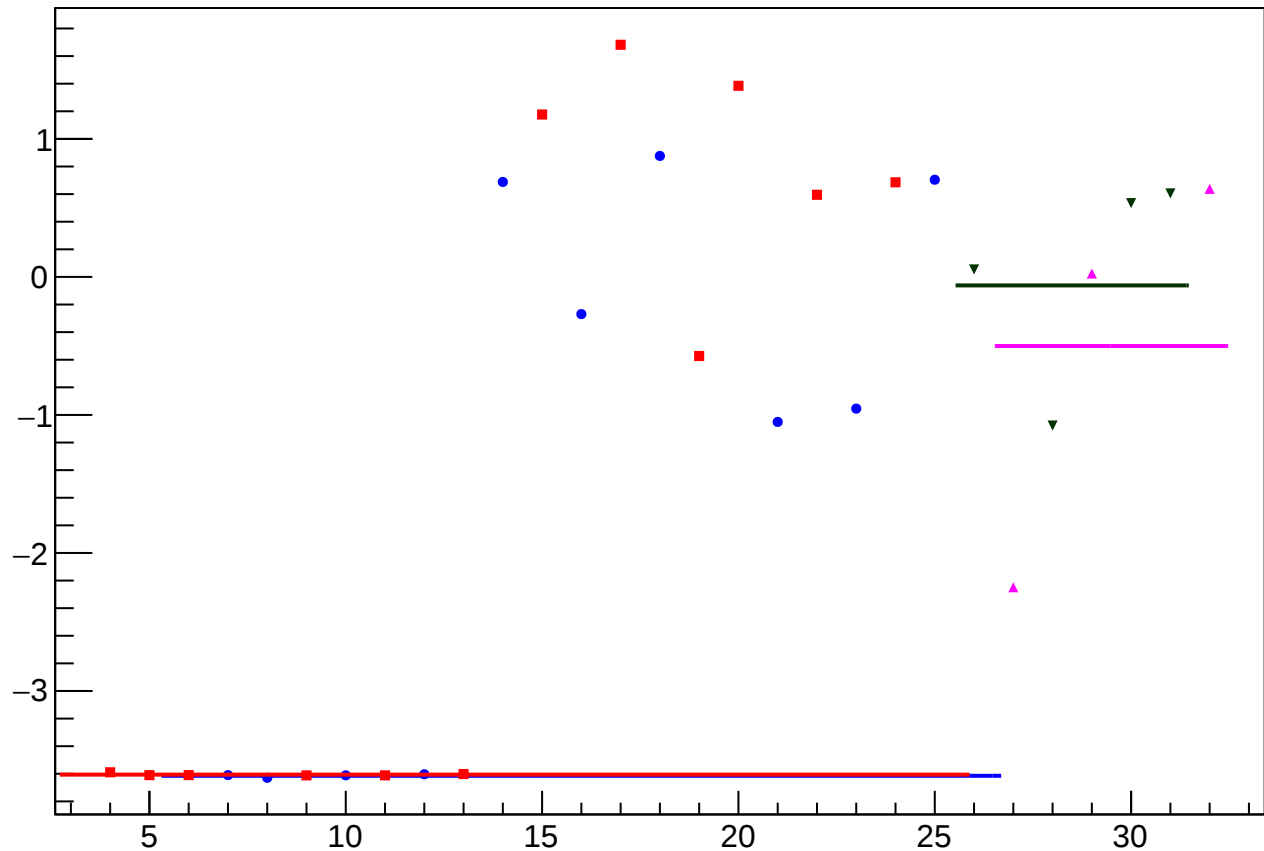
0.000+/-0.000 χ^2/NDF : 7418015.7/13

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

0.000+/-0.000 χ^2/NDF : 4679173.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 606139.1/2

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

Left Out: -0.062+/-0.001 χ^2/NDF :1215921.1/3

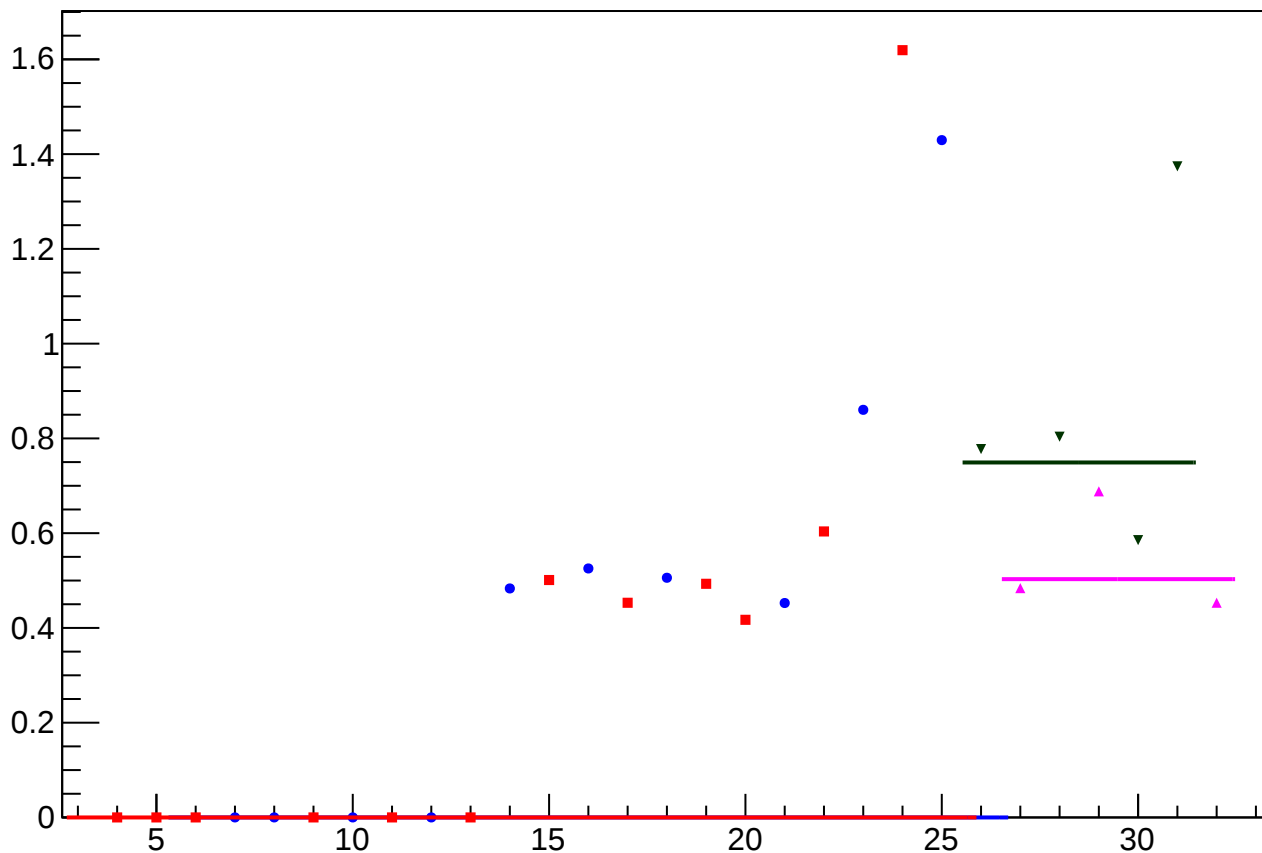
Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

Left In: -0.500+/-0.000 χ^2/NDF :11520543.0/2

-3.614+/-0.000 χ^2/NDF : 49095281884.0/13

-3.606+/-0.000 χ^2/NDF : 37824659626.8/14

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.749+/-0.000 χ^2/NDF :185519.3/3

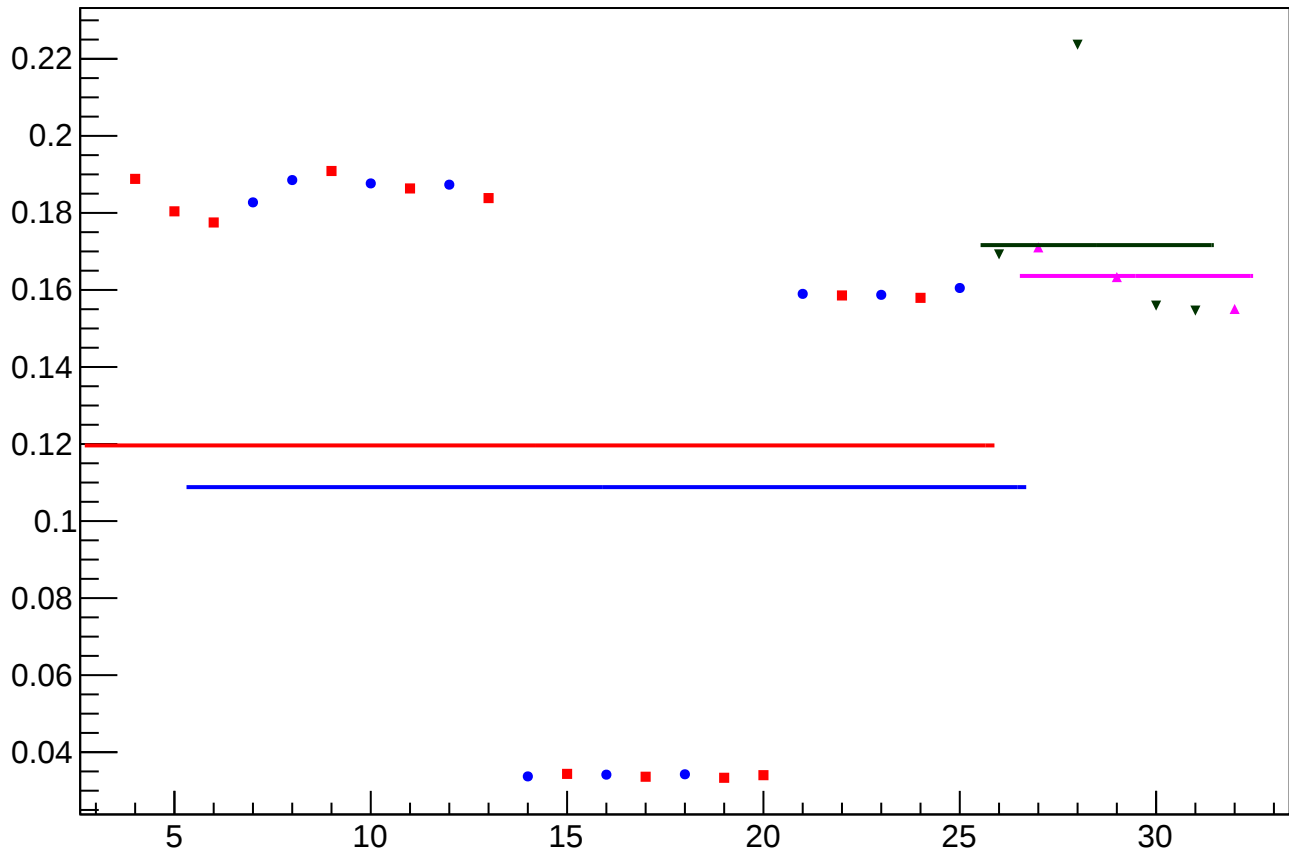
Right Out: 0.000+/-0.000 χ^2/NDF : 4205917.4/11

Left In: 0.503+/-0.000 χ^2/NDF :91101.1/2

0.000+/-0.000 χ^2/NDF : 8872913.7/13

0.000+/-0.000 χ^2/NDF : 7606634.2/14

yield_cav4cX_mean vs slug



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

Left Out: 0.172 $\pm$ 0.000 χ^2 /NDF: 86435580.4/3

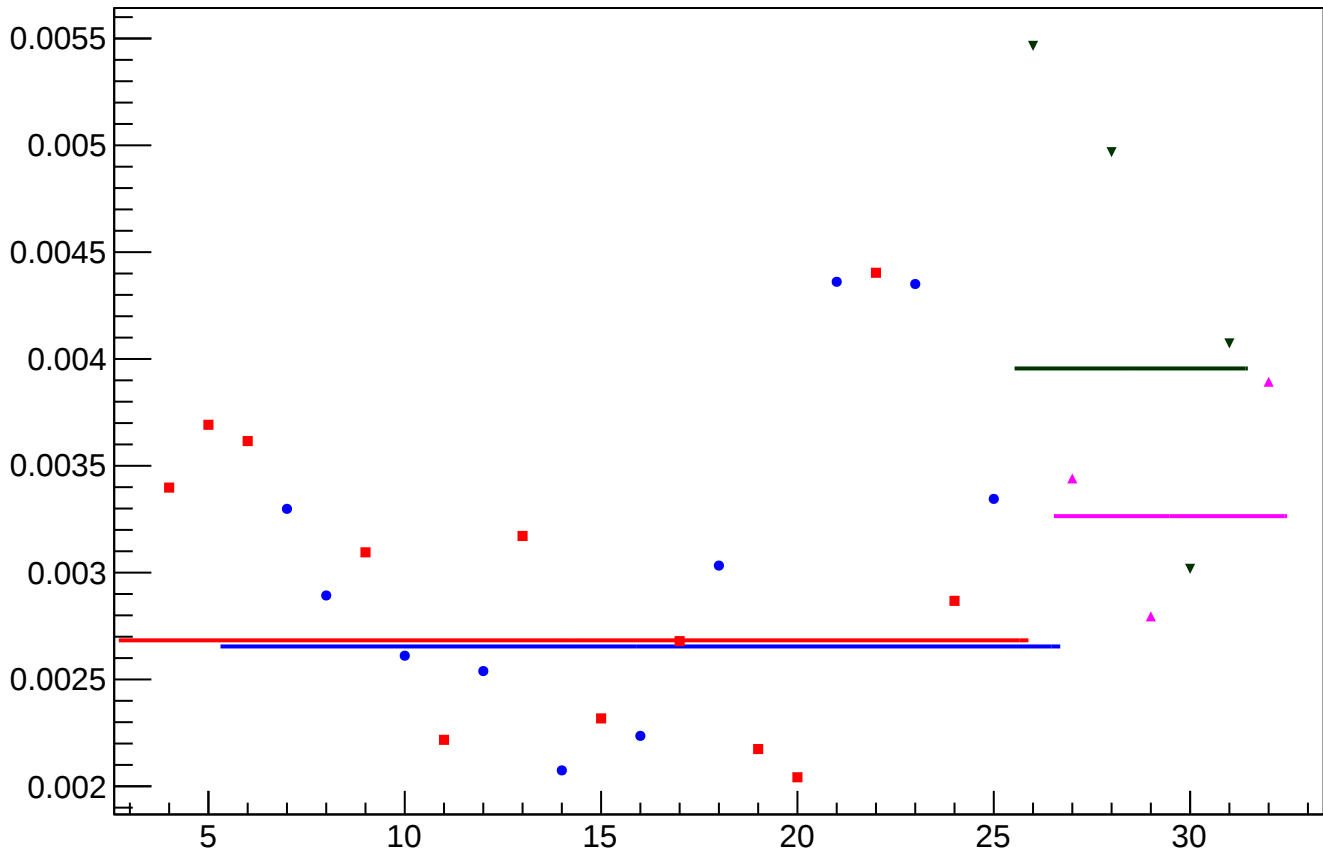
0.117 $\pm$ 0.000 χ^2 /NDF: 5059881486.9/13

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

0.129 $\pm$ 0.000 χ^2 /NDF: 4542884882.7/14

Left In: 0.164 $\pm$ 0.000 χ^2 /NDF: 7637838.5/2

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 639601.2/9

Left Out: 0.004+/-0.000 χ^2/NDF :220243.7/3

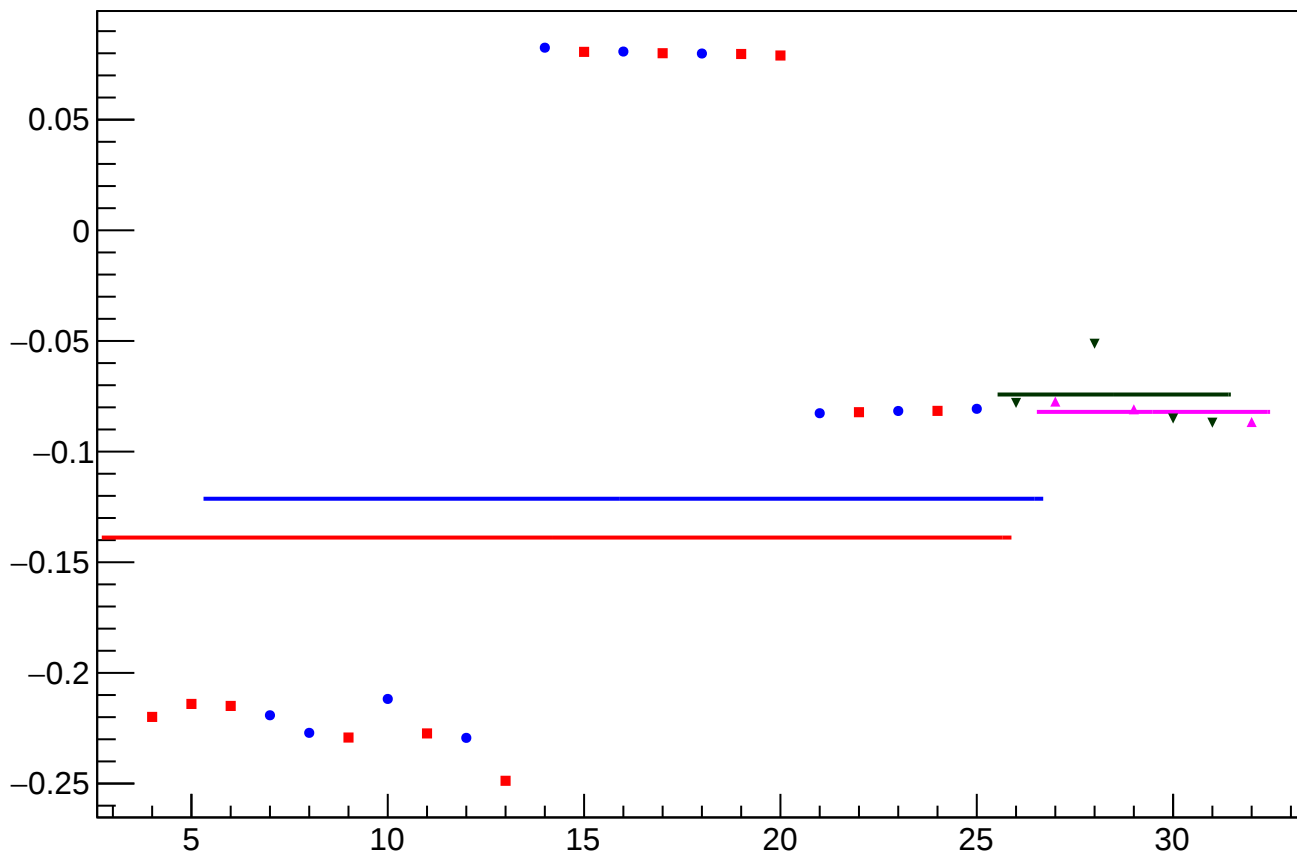
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF :89944.4/2

0.003+/-0.000 χ^2/NDF : 1208125.5/13

0.003+/-0.000 χ^2/NDF : 732000.1/14

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.074+/-0.000 χ^2/NDF : 26078480.8/3

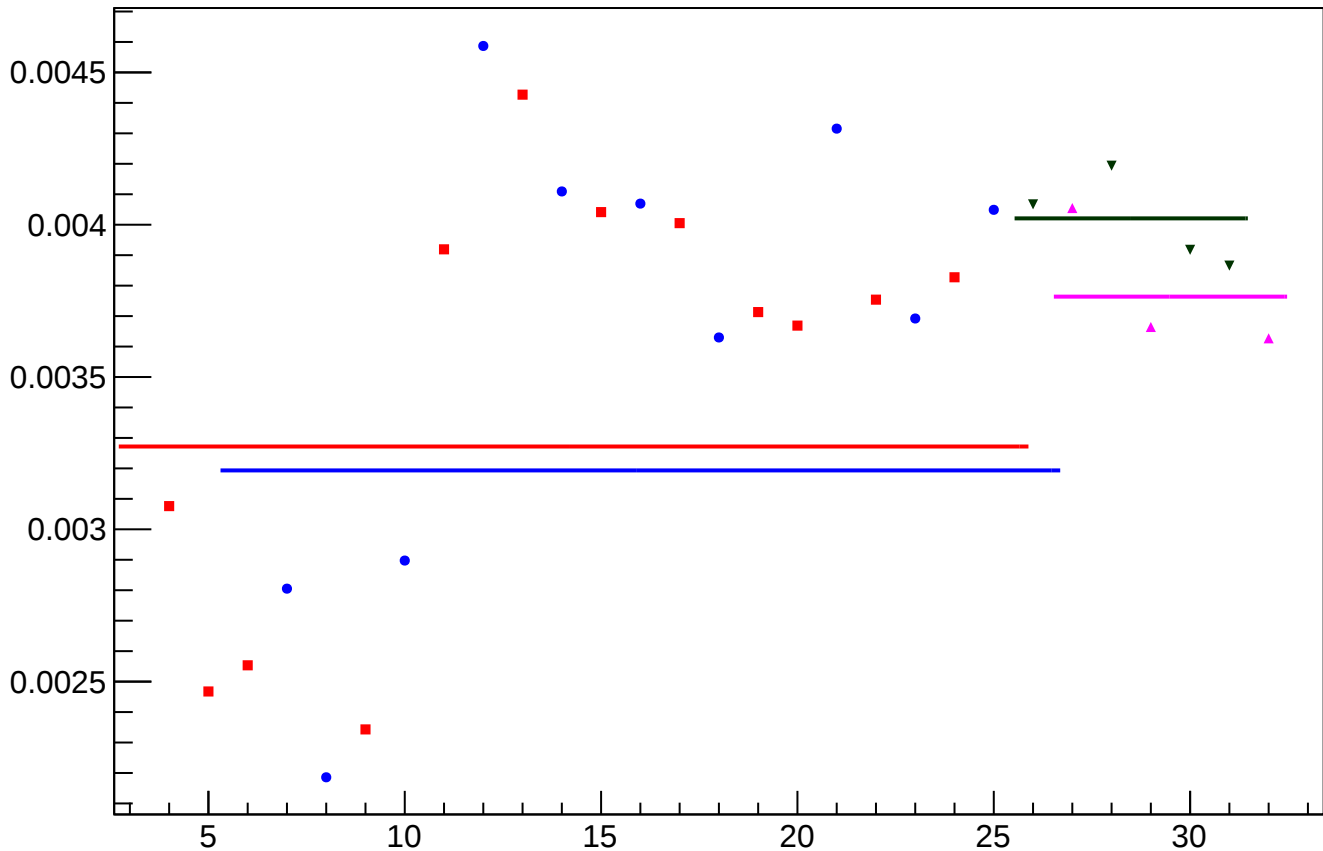
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.082+/-0.000 χ^2/NDF : 2565901.1/2

-0.113+/-0.000 χ^2/NDF : 9766867588.7/13

-0.125+/-0.000 χ^2/NDF : 9042473090.9/14

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 : 4018.5/3

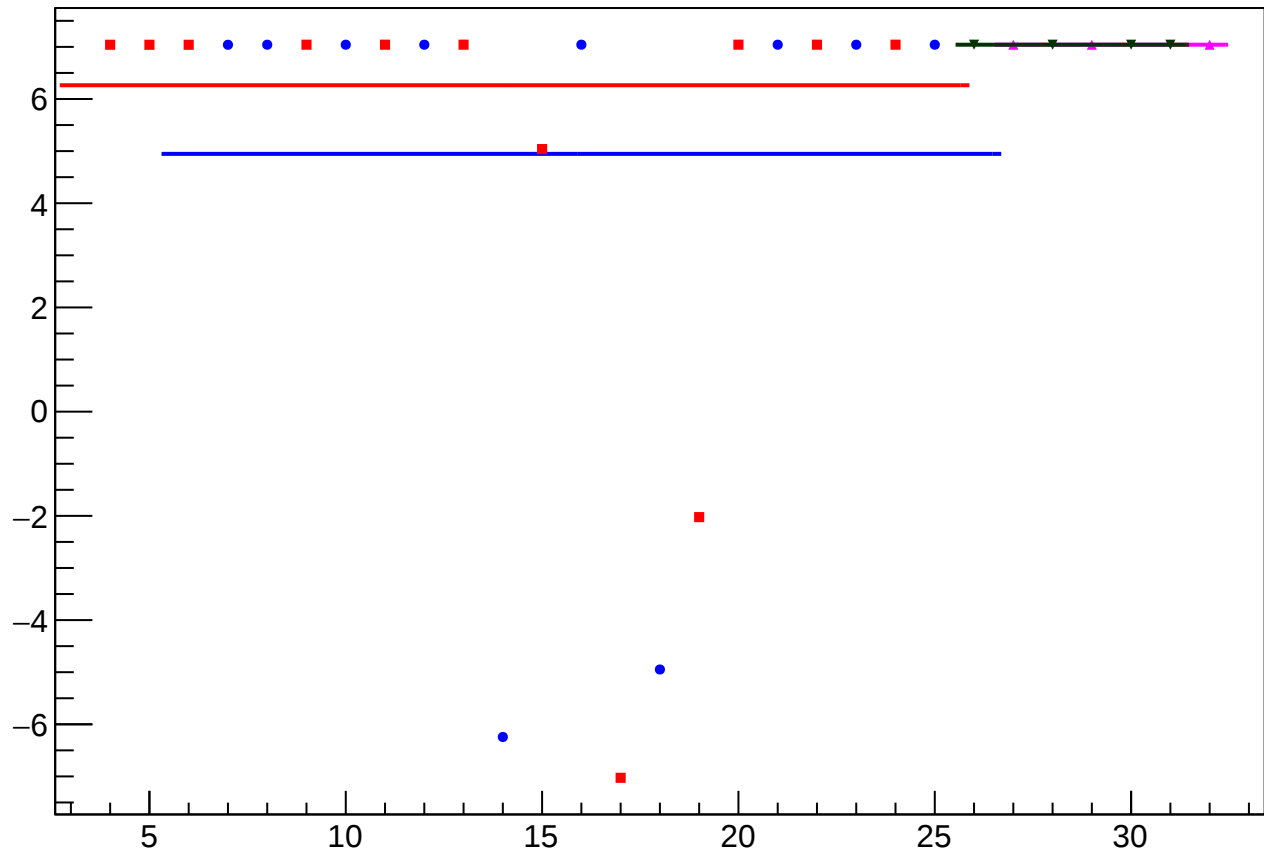
Right Out: 0.003+/-0.000 χ^2/NDF : 615311.7/11

Left In: 0.004+/-0.000 χ^2/NDF : 12176.3/2

0.003+/-0.000 χ^2/NDF : 955479.8/13

0.003+/-0.000 χ^2/NDF : 690973.2/14

yield_cav4dX_mean vs slug



Right In: 4.947 $\pm$ 0.000 χ^2 /NDF: 4224474165211712.0/9

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 579196.1/3

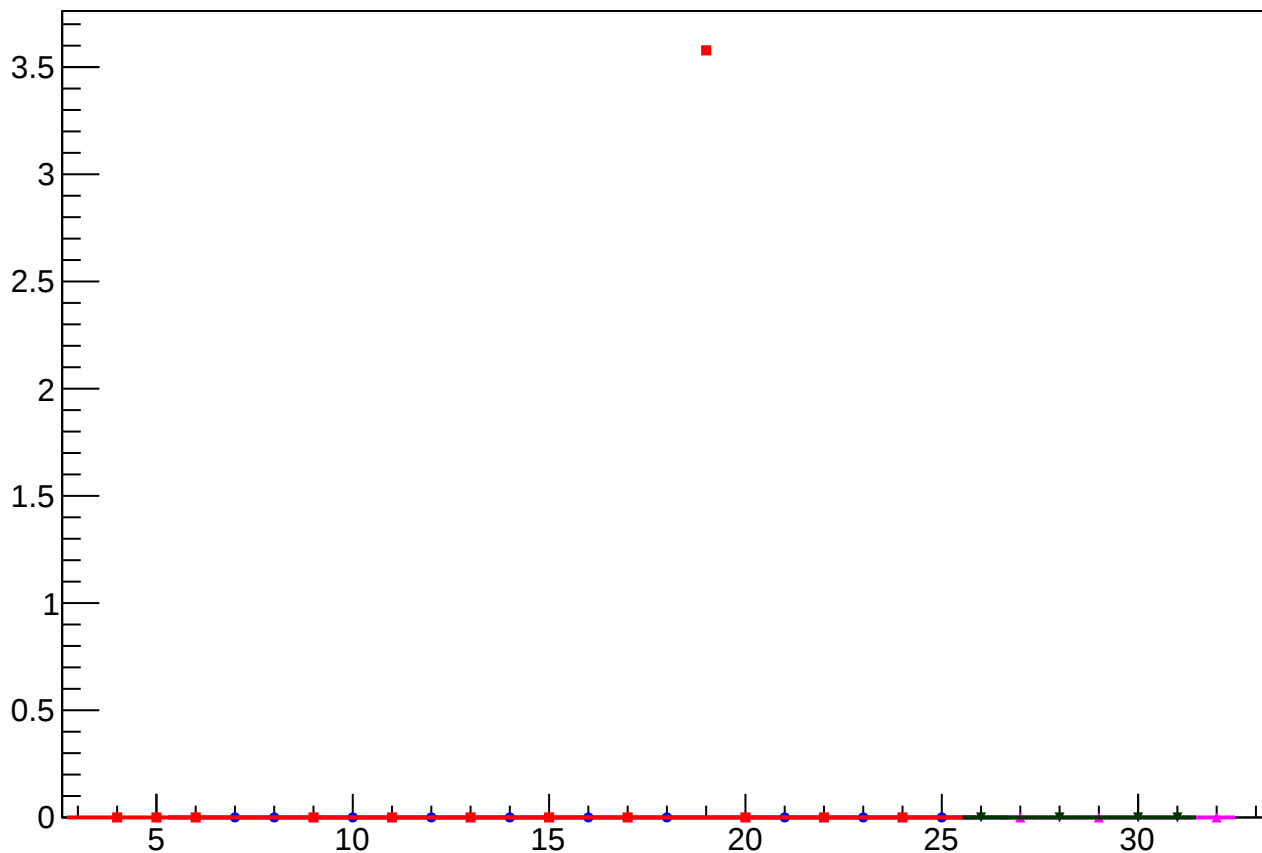
Right Out: 6.264 $\pm$ 0.000 χ^2 /NDF: 1812076141929126.0/11

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 157858.0/2

5.571 $\pm$ 0.000 χ^2 /NDF: 4465132503178883.0/1

6.540 $\pm$ 0.000 χ^2 /NDF: 1850914661638385.8/1

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 : 571.0/3

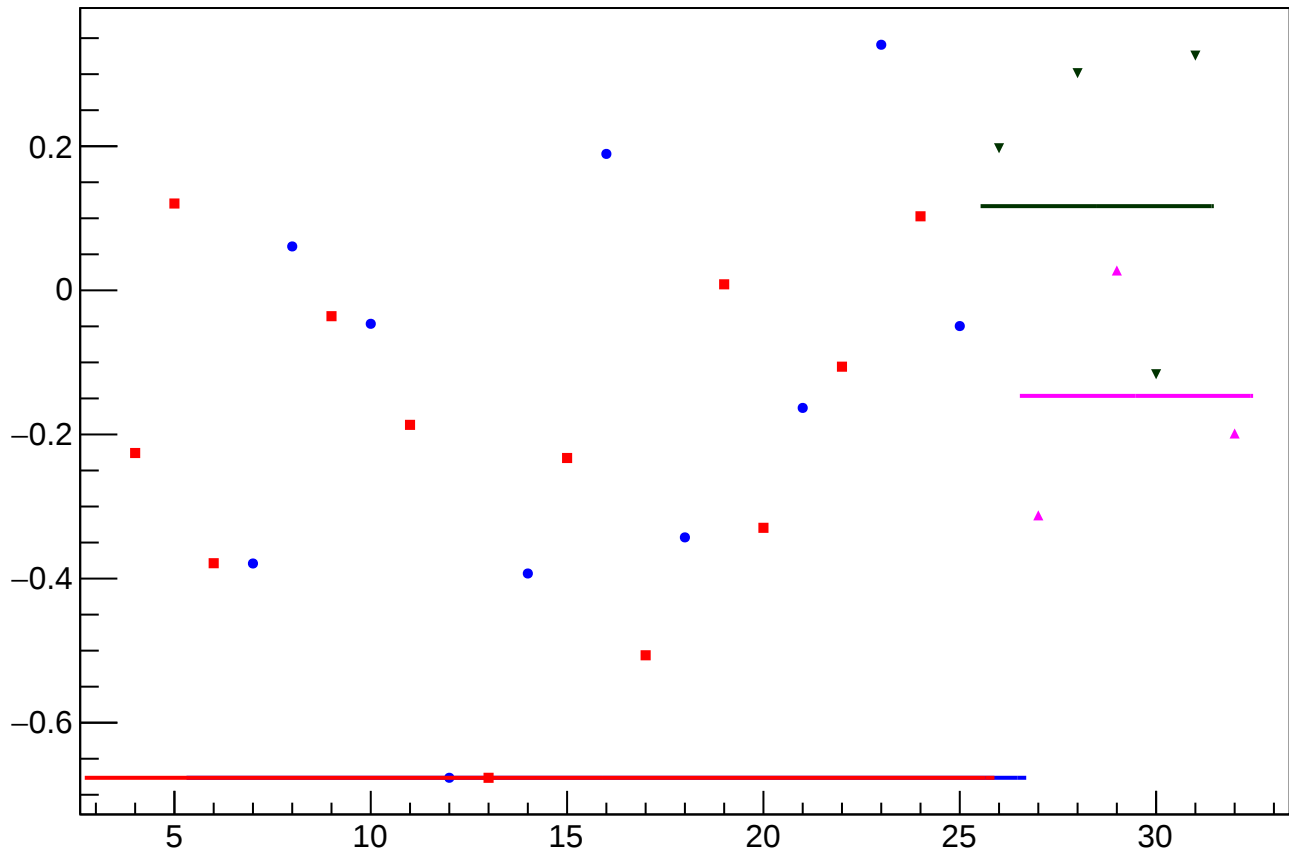
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 186.8/2

0.000+/-0.000 χ^2/NDF : 3584.0/13

0.000+/-0.000 χ^2/NDF : 698949.4/14

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.117+/-0.000 χ^2/NDF : 5123055.0/3

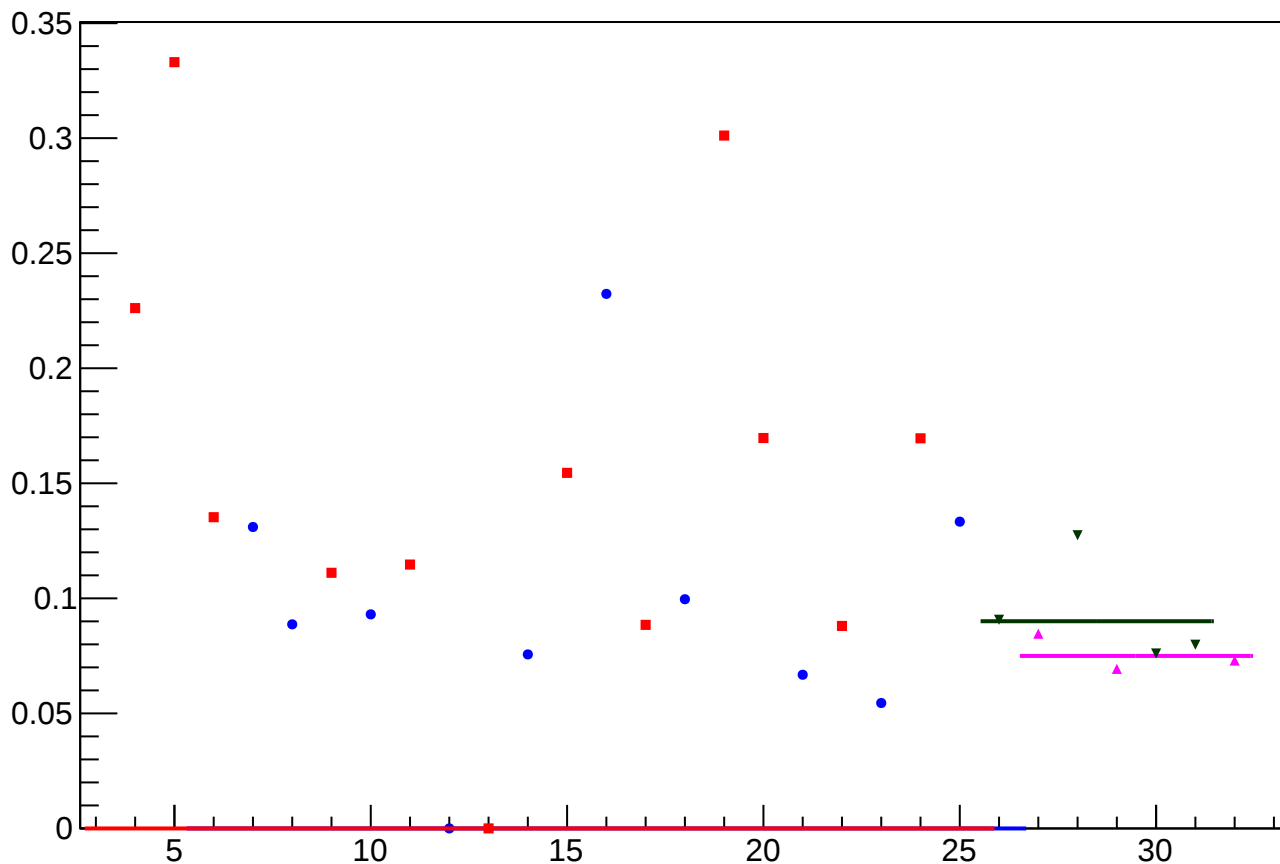
Right Out: -0.676+/-0.000 χ^2/NDF : 65929973.4/11

Left In: -0.146+/-0.000 χ^2/NDF : 5406001.7/2

-0.676+/-0.000 χ^2/NDF : 304595285.5/13

-0.676+/-0.000 χ^2/NDF : 146505124.1/14

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.090+/-0.000 χ^2/NDF :100631.4/3

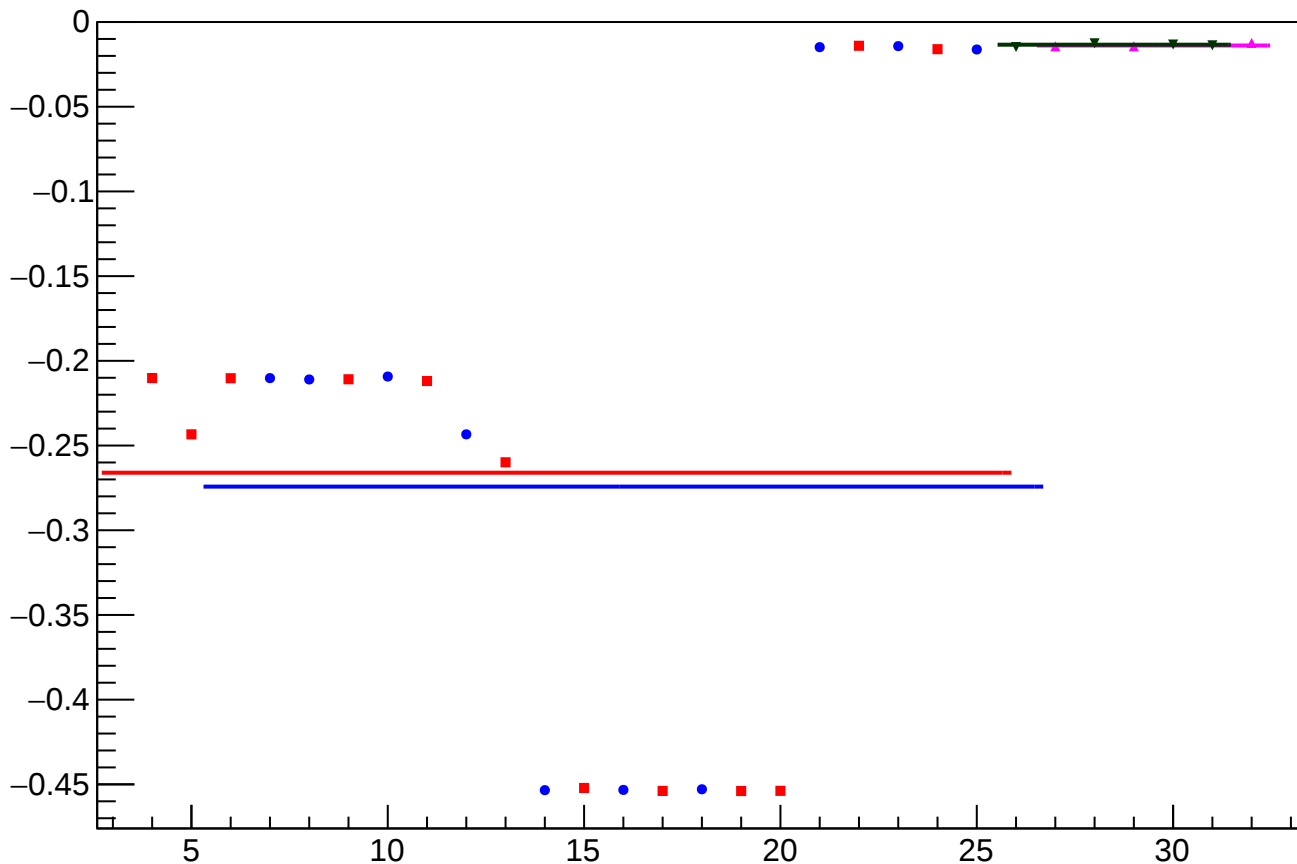
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.075+/-0.000 χ^2/NDF :21452.7/2

0.000+/-0.000 χ^2/NDF : 10611745.3/13

0.000+/-0.000 χ^2/NDF : 11114416.3/14

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.013+/-0.000 χ^2/NDF : 24380.3/3

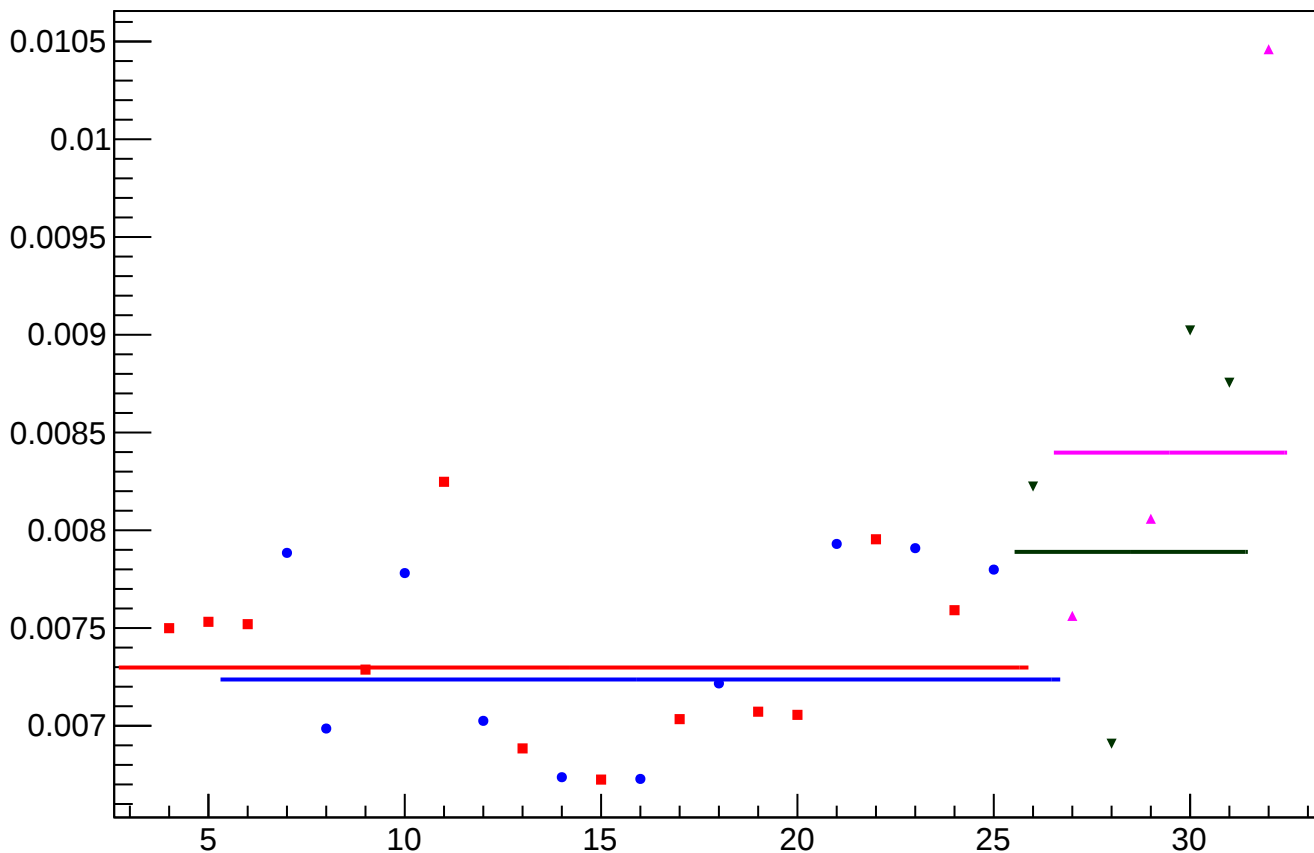
Right Out: -0.266+/-0.000 χ^2/NDF : 2610218769.9/11

Left In: -0.014+/-0.000 χ^2/NDF : 24788.3/2

-0.219+/-0.000 χ^2/NDF : 5097687714.2/13

-0.209+/-0.000 χ^2/NDF : 4340615886.7/14

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 : 52233.0/3

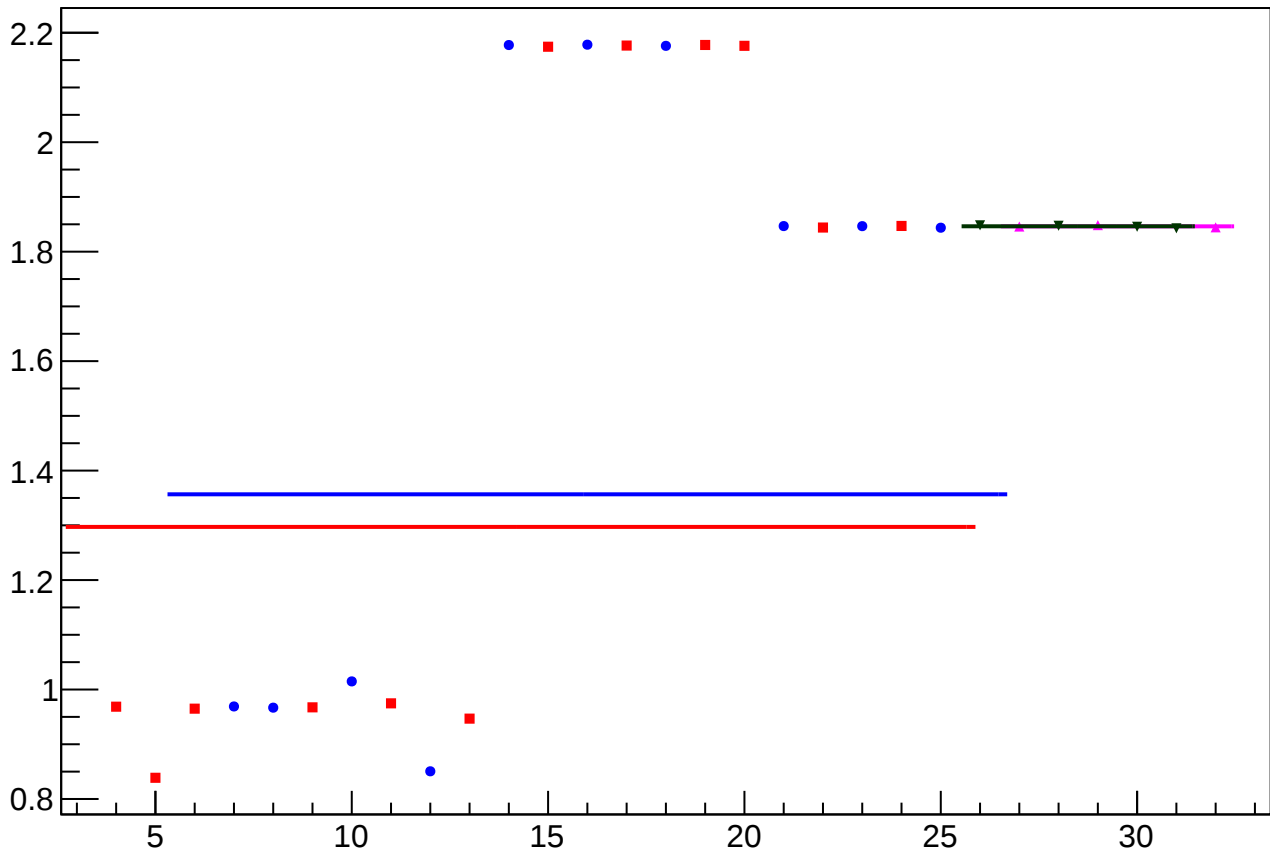
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 91769.5/2

0.007+/-0.000 χ^2/NDF : 128084.0/13

0.008+/-0.000 χ^2/NDF : 204352.7/14

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.846+/-0.000 χ^2/NDF : 32825.5/3

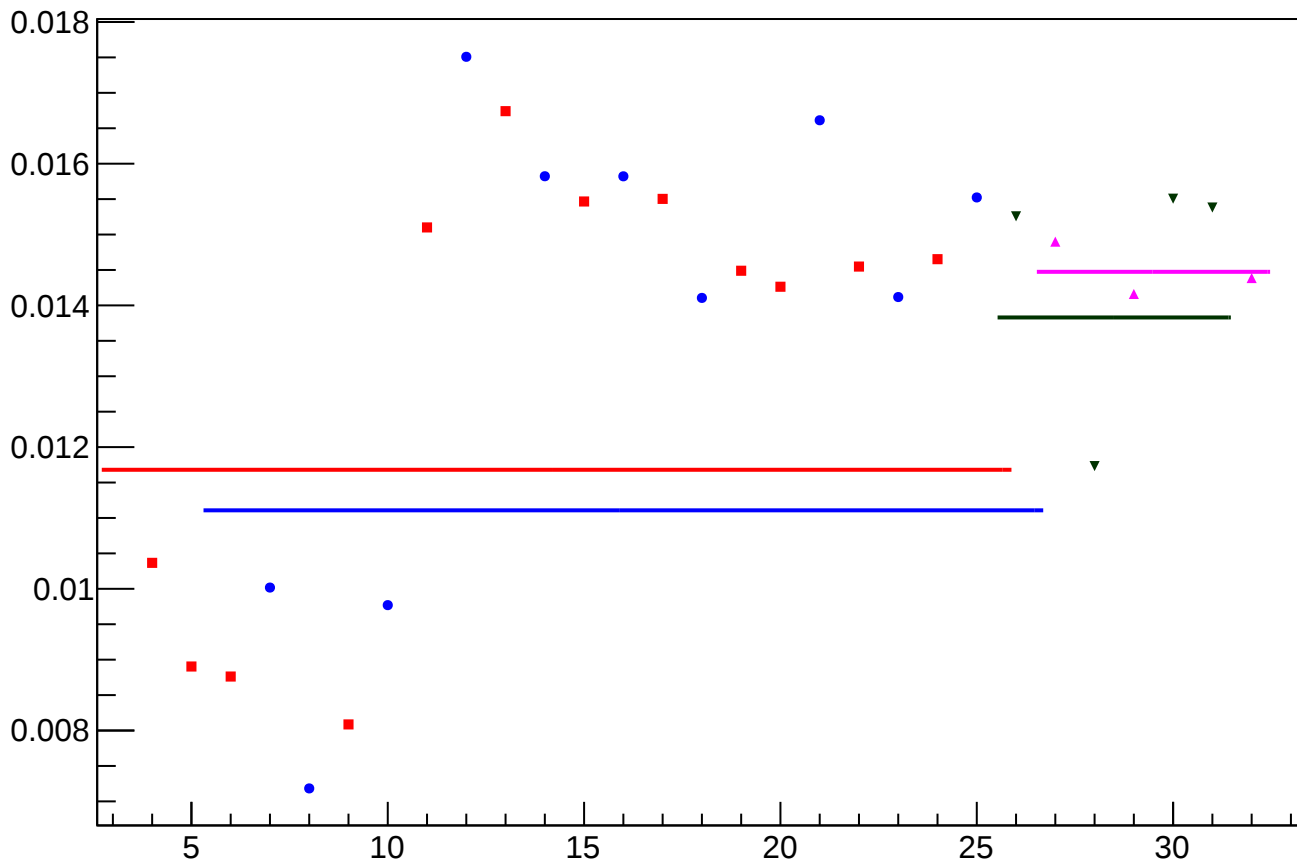
1.446+/-0.000 χ^2/NDF : 14318812788.0/13

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.419+/-0.000 χ^2/NDF : 13741145987.0/14

Left In: 1.846+/-0.000 χ^2/NDF : 33839.3/2

yield_bpm4aY_rms vs slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 1302674.8/9

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:64740.9/3

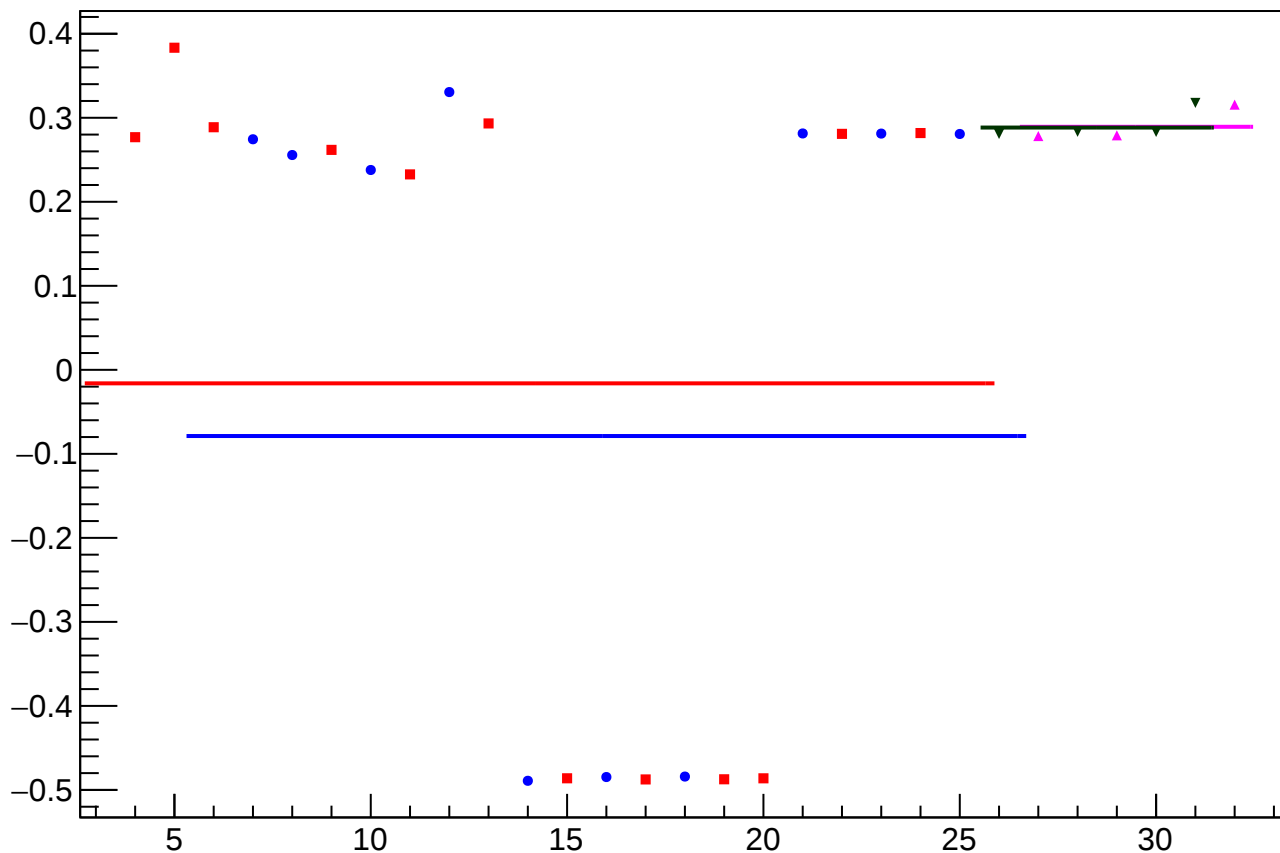
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 930559.5/11

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:2195.1/2

0.012 $\pm$ 0.000 χ^2 /NDF: 1487635.3/13

0.012 $\pm$ 0.000 χ^2 /NDF: 1077372.0/14

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.288+/-0.000 χ^2/NDF : 647097.1/3

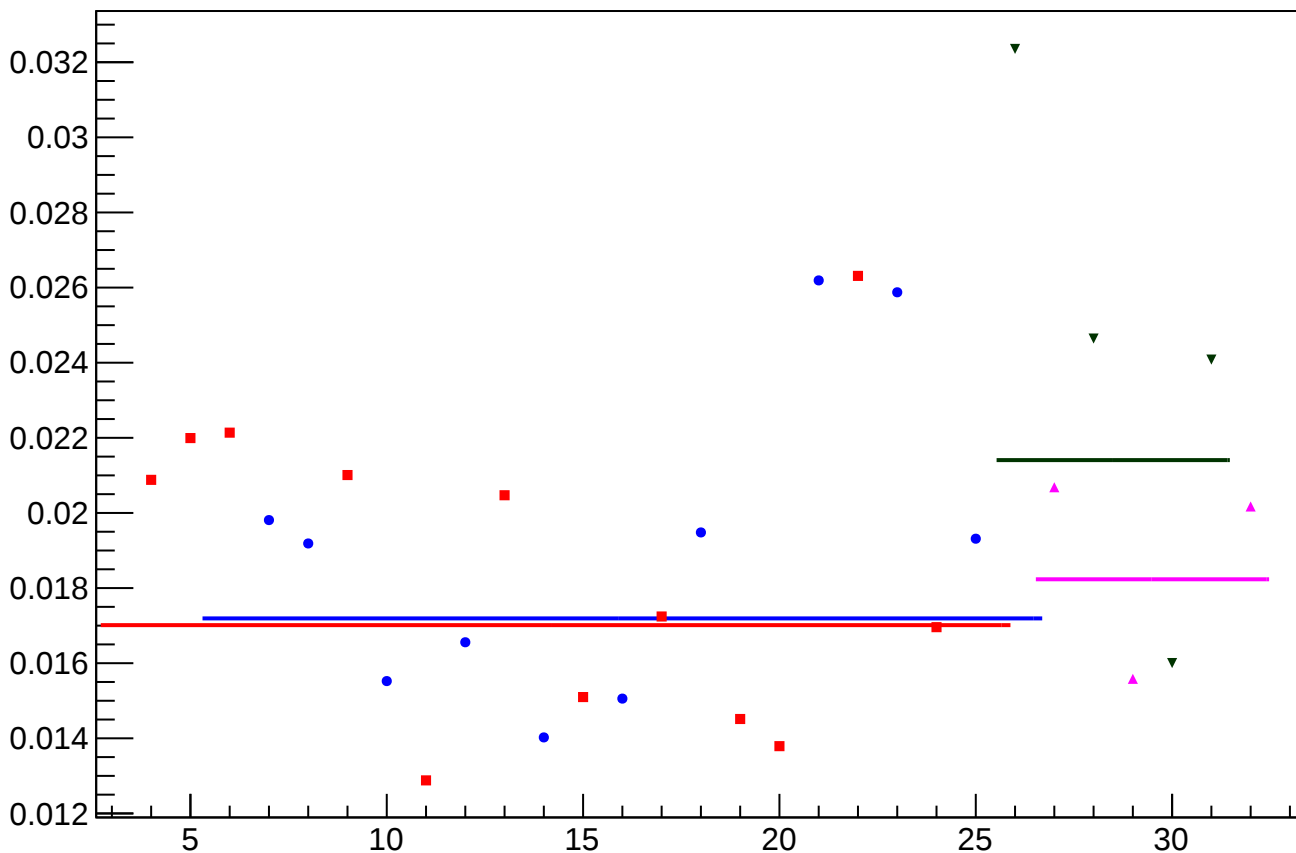
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.289+/-0.000 χ^2/NDF : 1917871.3/2

-0.018+/-0.000 χ^2/NDF : 3341098602.6/13

0.061+/-0.000 χ^2/NDF : 3223808968.8/14

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.021+/-0.000 χ^2/NDF :248349.0/3

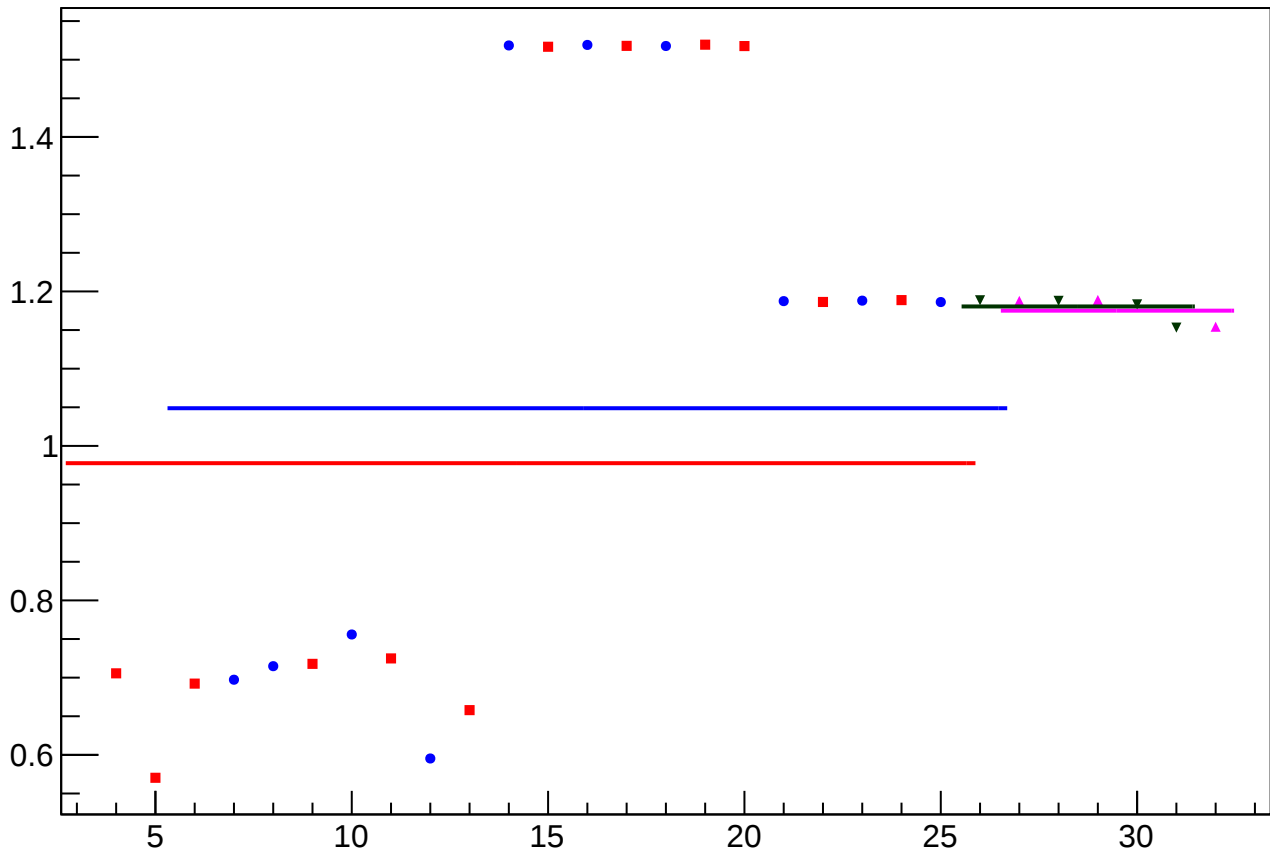
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.018+/-0.000 χ^2/NDF :80797.9/2

0.018+/-0.000 χ^2/NDF : 845711.6/13

0.017+/-0.000 χ^2/NDF : 638193.5/14

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.181+/-0.000 χ^2/NDF : 3946203.1/3

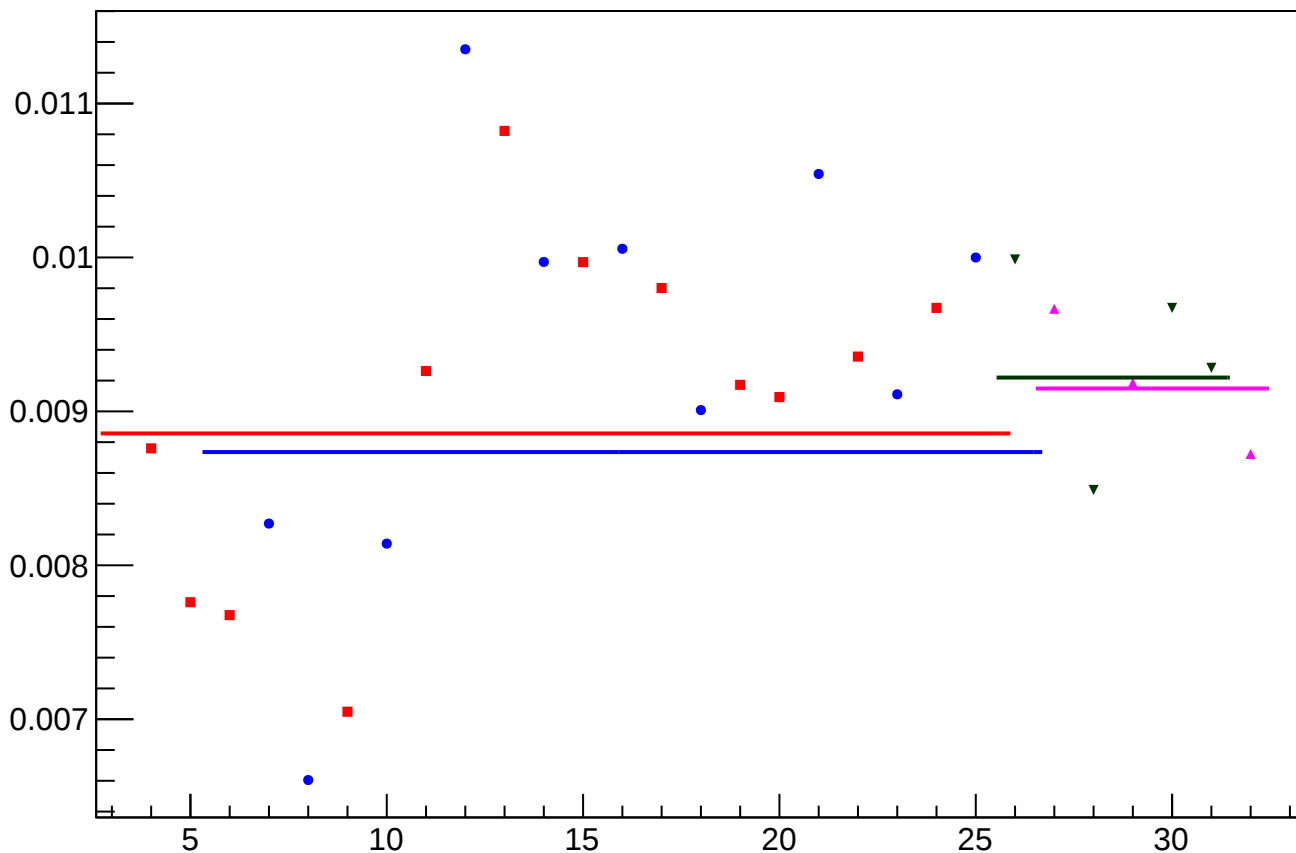
1.078+/-0.000 χ^2/NDF : 10579227409.5/13

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

1.032+/-0.000 χ^2/NDF : 10736196411.0/14

Left In: 1.175+/-0.000 χ^2/NDF : 8129337.4/2

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 359497.5/9

Left Out: 0.009+/-0.000 χ^2/NDF : 16984.1/3

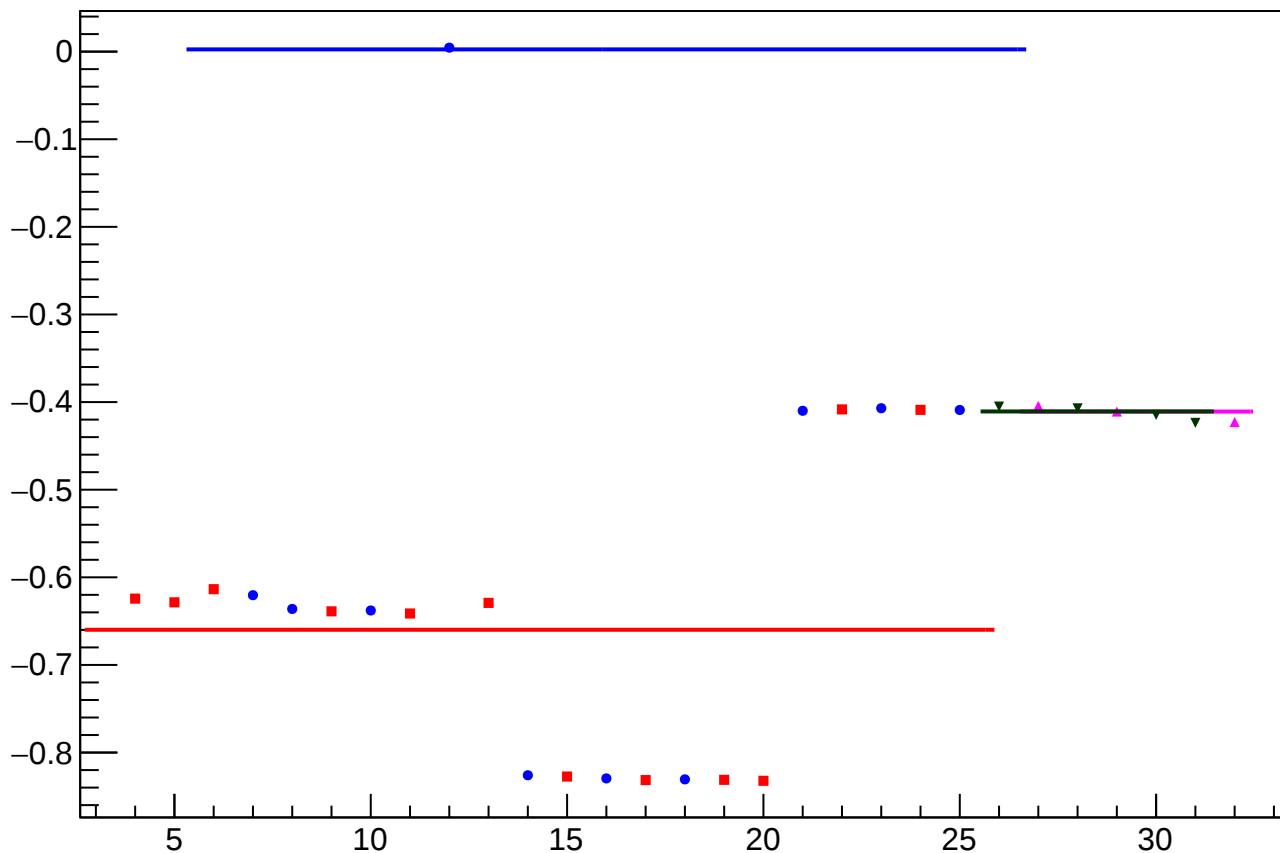
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 8882.9/2

0.009+/-0.000 χ^2/NDF : 384809.7/13

0.009+/-0.000 χ^2/NDF : 236361.2/14

yield_bpm4acX_mean vs slug



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

Left Out: -0.411+/-0.000 χ^2/NDF : 1273477.6/3

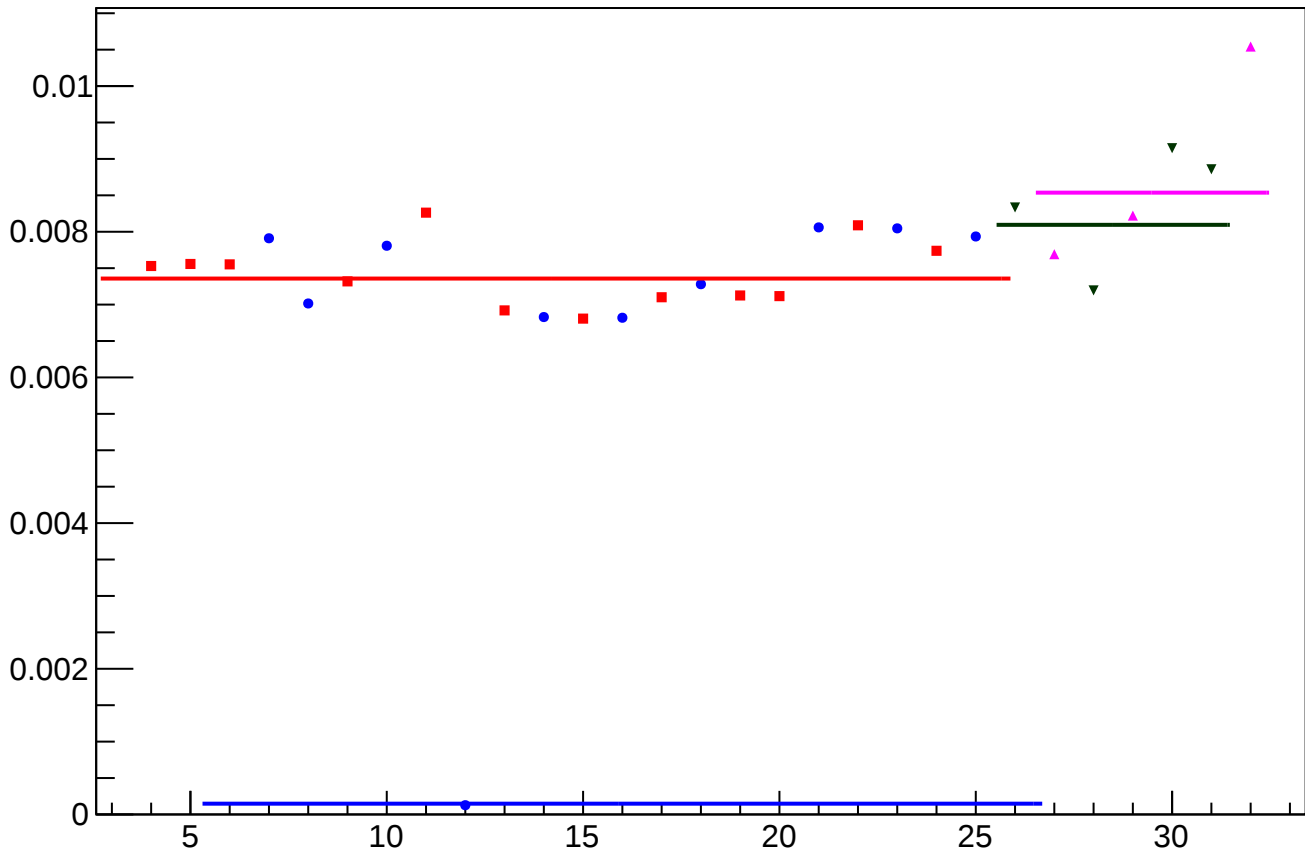
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.411+/-0.000 χ^2/NDF : 1718222.9/2

0.002+/-0.000 χ^2/NDF : 57220268526.3/13

-0.604+/-0.000 χ^2/NDF : 3898550194.5/14

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 : 41240.2/3

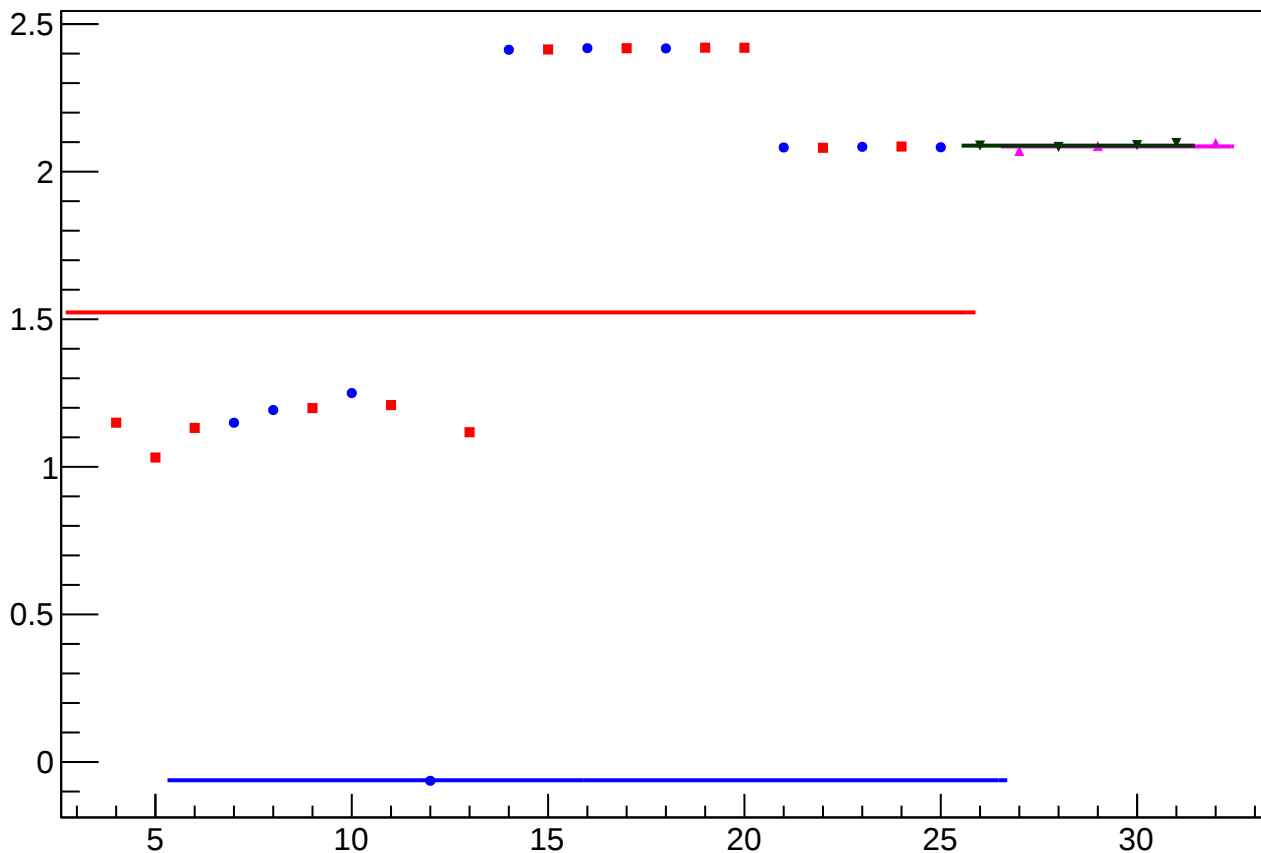
0.000+/-0.000 χ^2/NDF : 15112839.8/13

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

0.008+/-0.000 χ^2/NDF : 207002.0/14

Left In: 0.009+/-0.000 χ^2/NDF : 86402.1/2

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.088+/-0.000 χ^2/NDF : 202937.3/3

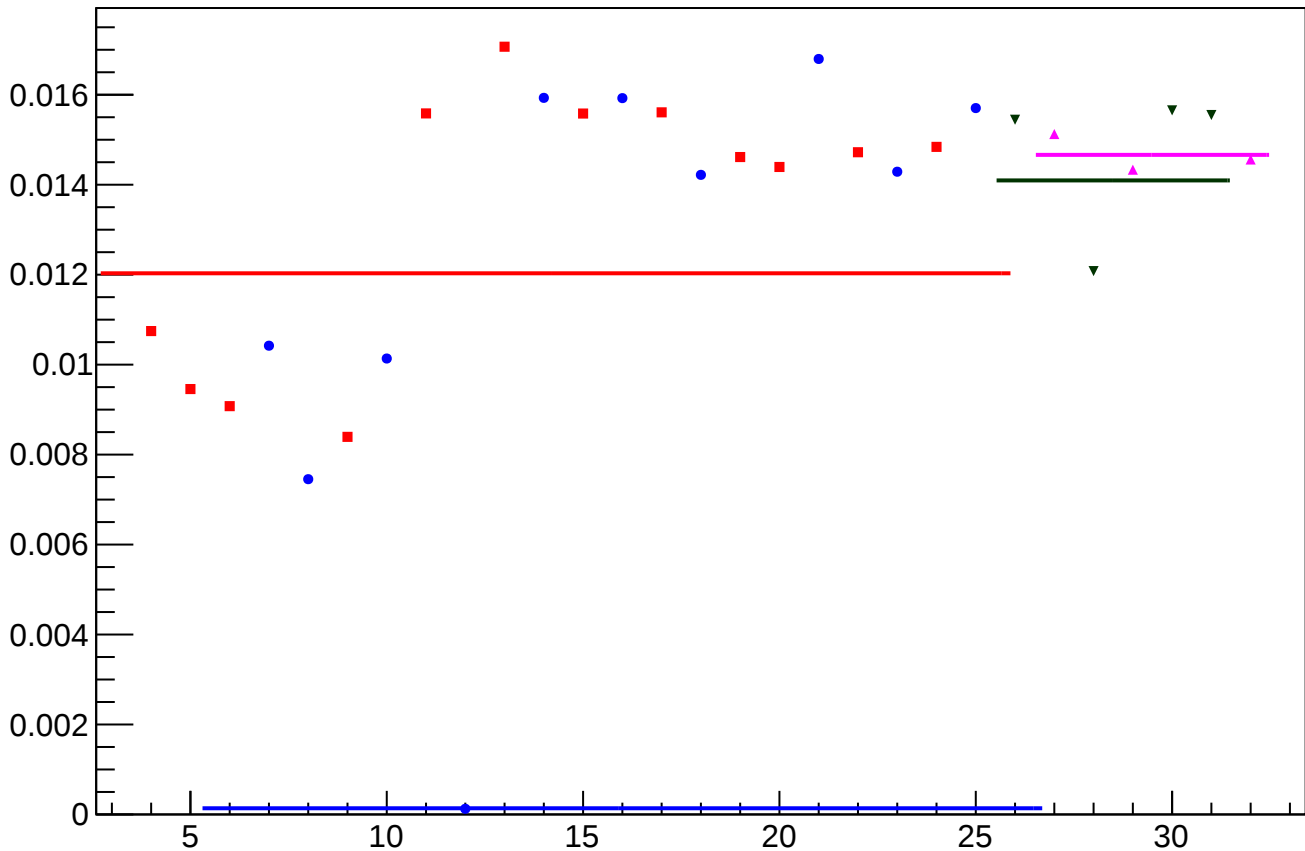
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.085+/-0.000 χ^2/NDF : 1412079.7/2

-0.061+/-0.000 χ^2/NDF : 171241103255.1/13

1.651+/-0.000 χ^2/NDF : 14196342343.6/14

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 56251.1/3

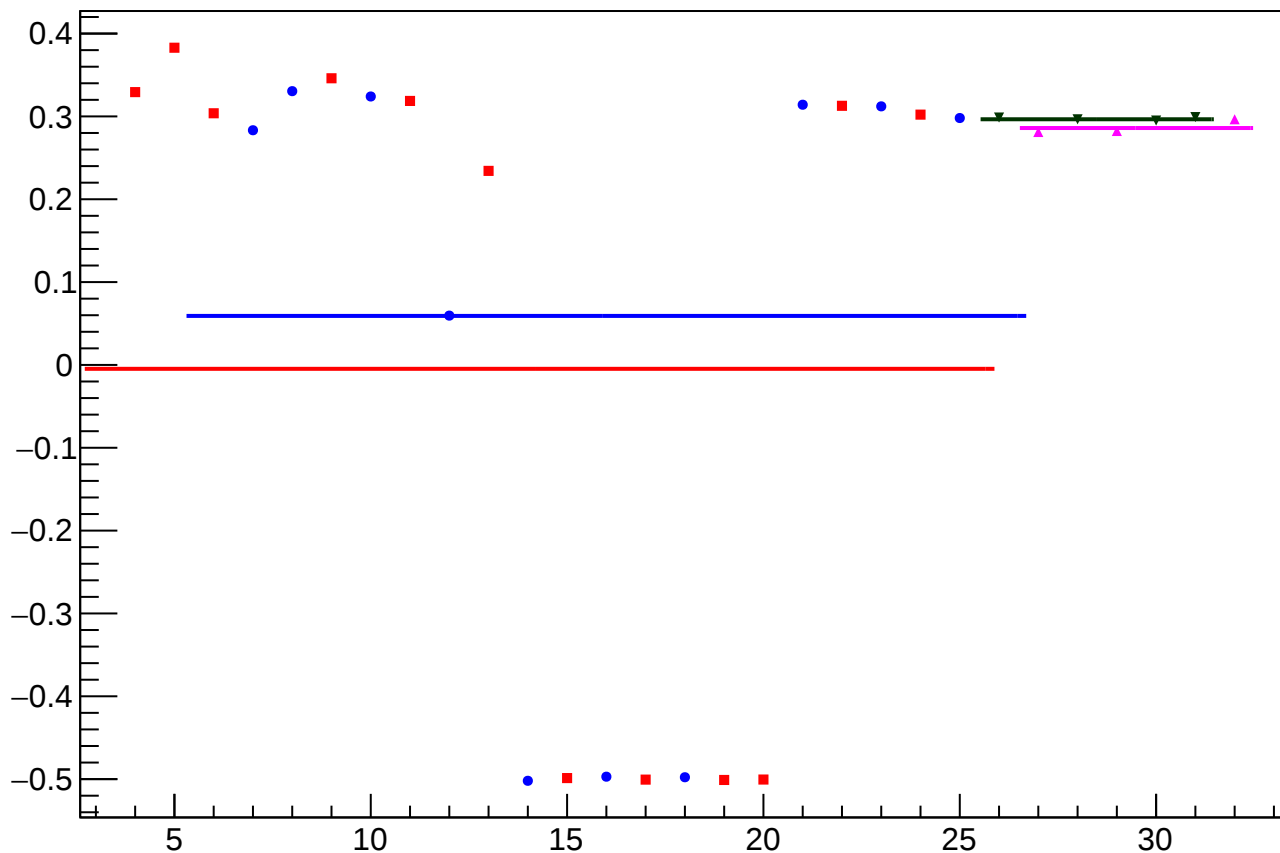
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 2477.1/2

0.000+/-0.000 χ^2/NDF : 14680572.9/13

0.013+/-0.000 χ^2/NDF : 985350.1/14

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3541111693.7/9

Left Out: 0.297+/-0.000 χ^2/NDF :10301.2/3

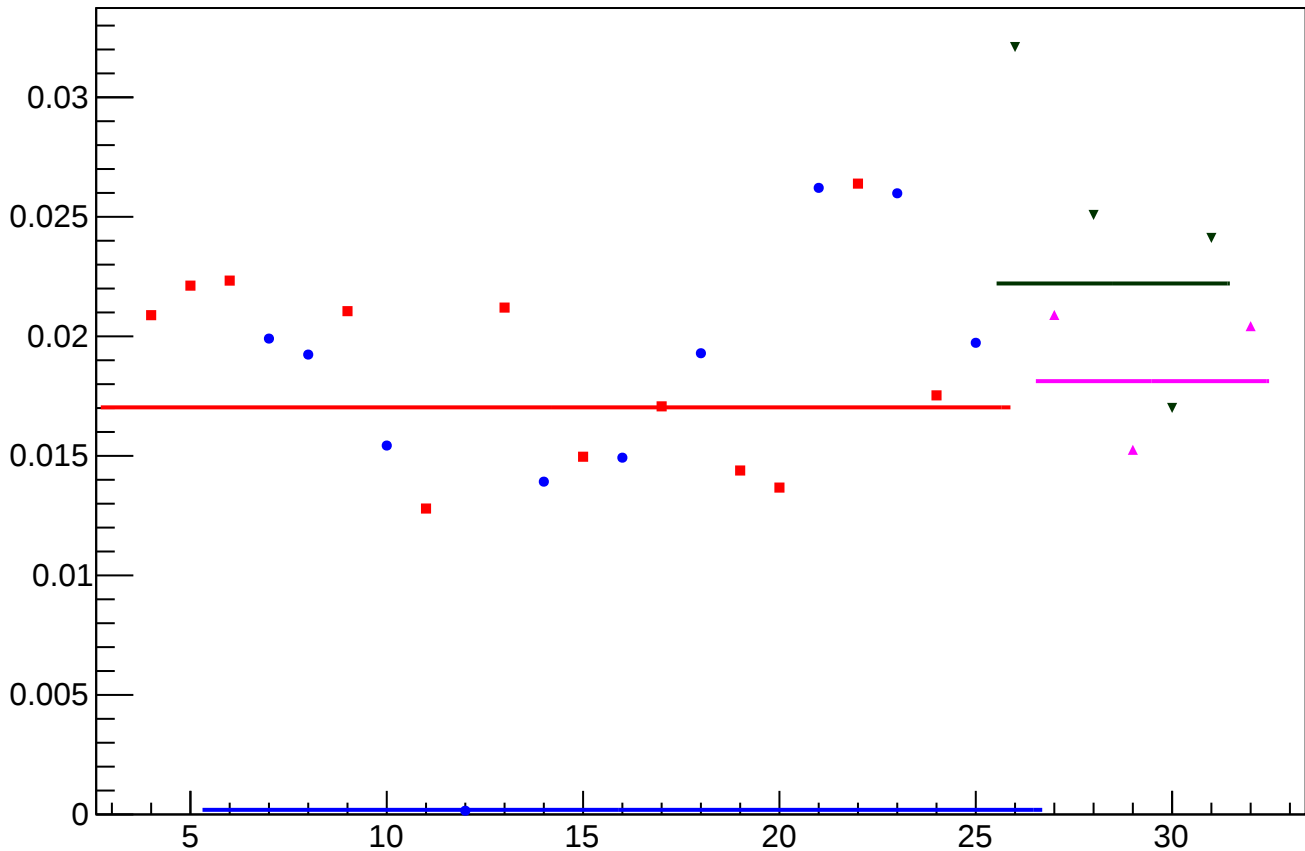
Right Out: -0.005+/-0.000 χ^2/NDF : 3140963258.0/11

Left In: 0.286+/-0.000 χ^2/NDF :299416.0/2

0.059+/-0.000 χ^2/NDF : 3753372724.7/13

0.070+/-0.000 χ^2/NDF : 3583606497.2/14

yield_bpm4ecX_rms vs slug



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

Left Out: 0.022+/-0.000 χ^2/NDF : 201031.8/3

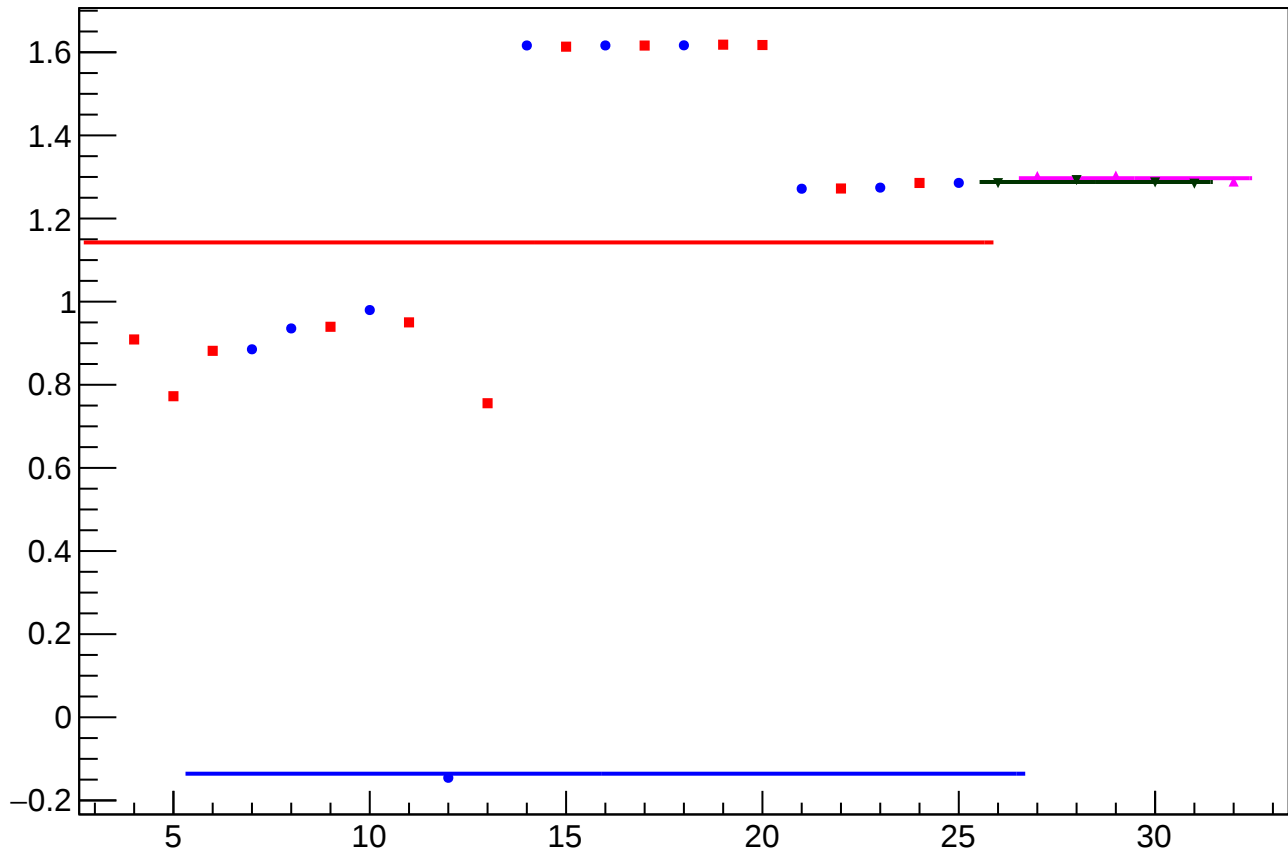
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.018+/-0.000 χ^2/NDF : 102818.5/2

0.000+/-0.000 χ^2/NDF : 14843275.4/13

0.017+/-0.000 χ^2/NDF : 700011.2/14

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.288+/-0.000 χ^2/NDF :194648.9/3

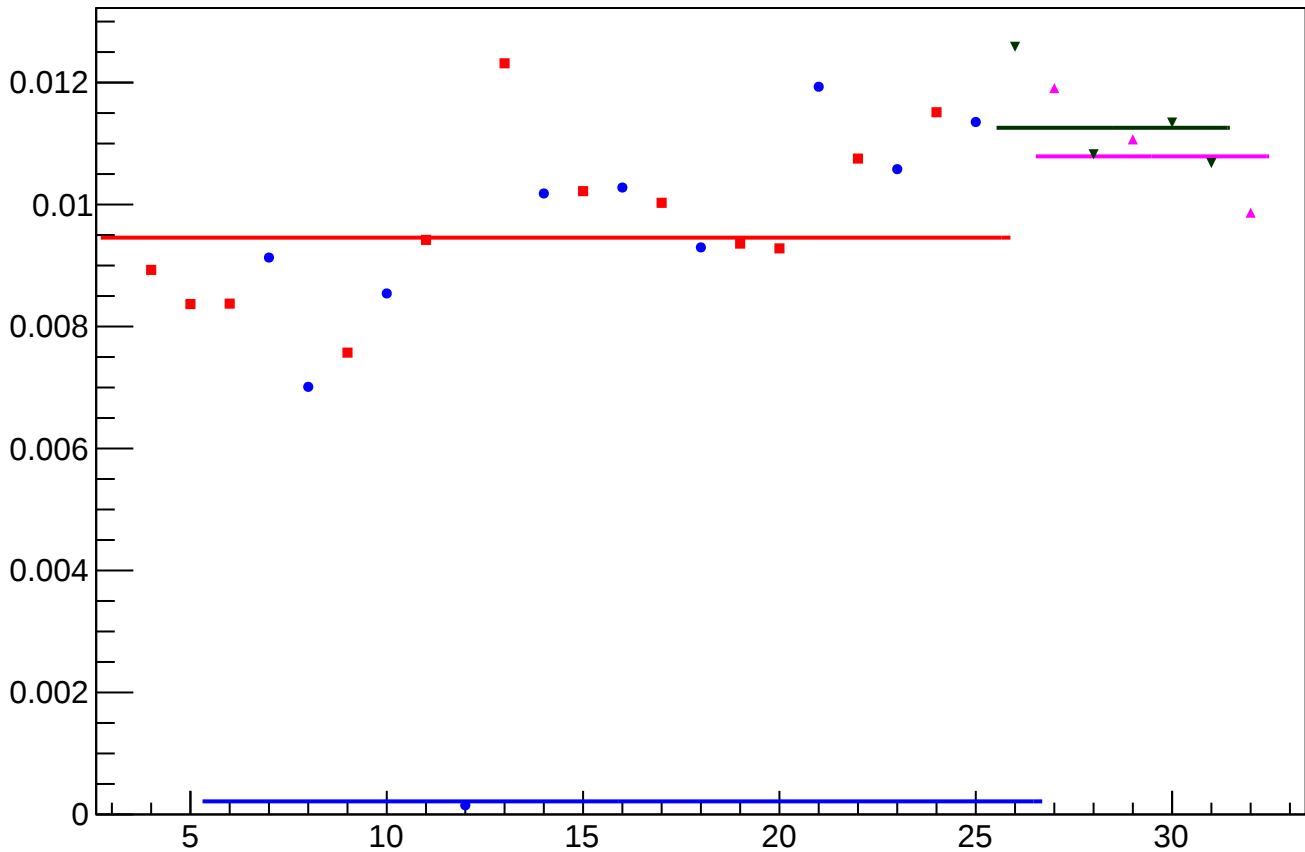
-0.133+/-0.000 χ^2/NDF : 162627742746.8/13

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

1.179+/-0.000 χ^2/NDF : 7400179262.9/14

Left In: 1.297+/-0.000 χ^2/NDF :991170.6/2

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10811399.3/9

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:14632.8/3

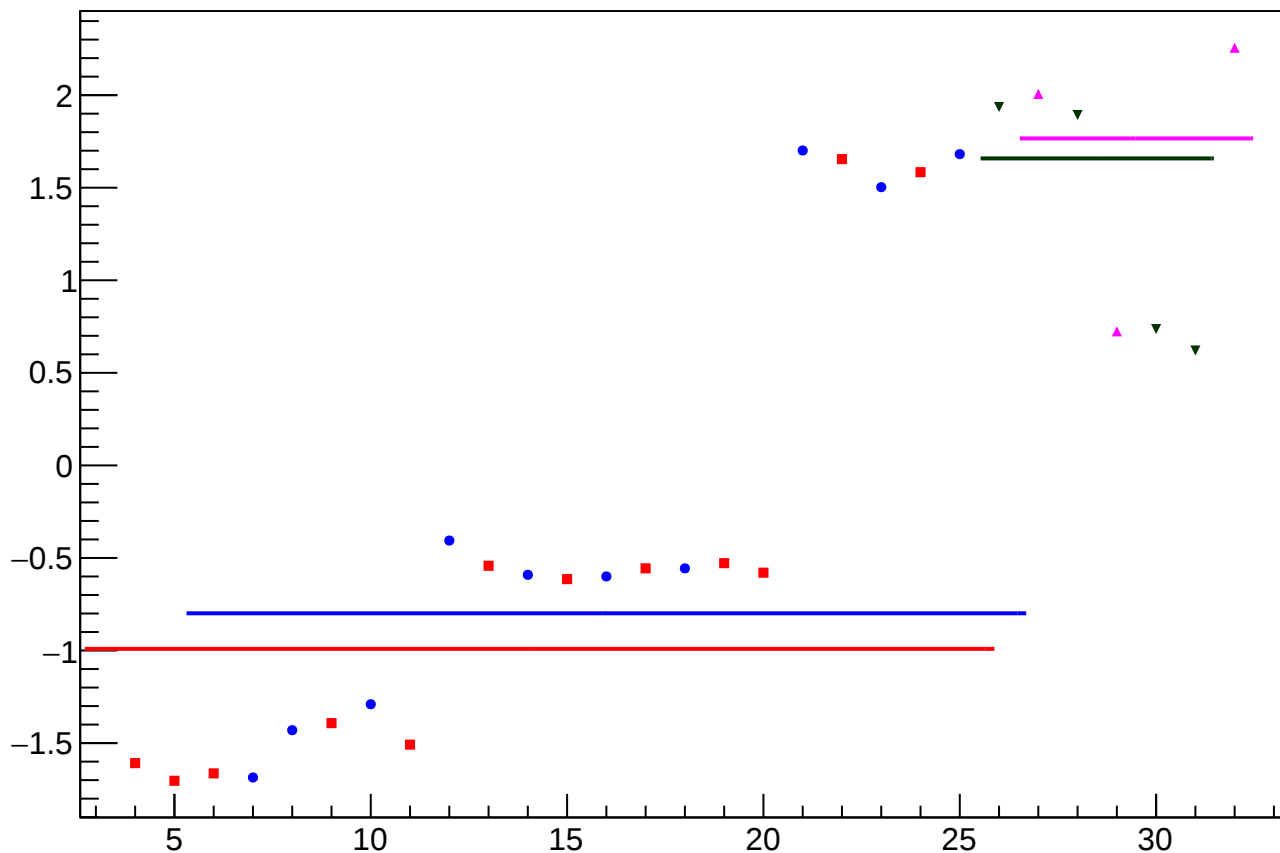
0.000 $\pm$ 0.000 χ^2 /NDF: 14615040.8/13

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 269492.1/11

0.010 $\pm$ 0.000 χ^2 /NDF: 357417.8/14

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:30816.3/2

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 1.658+/-0.000 χ^2/NDF :28950964.1/3

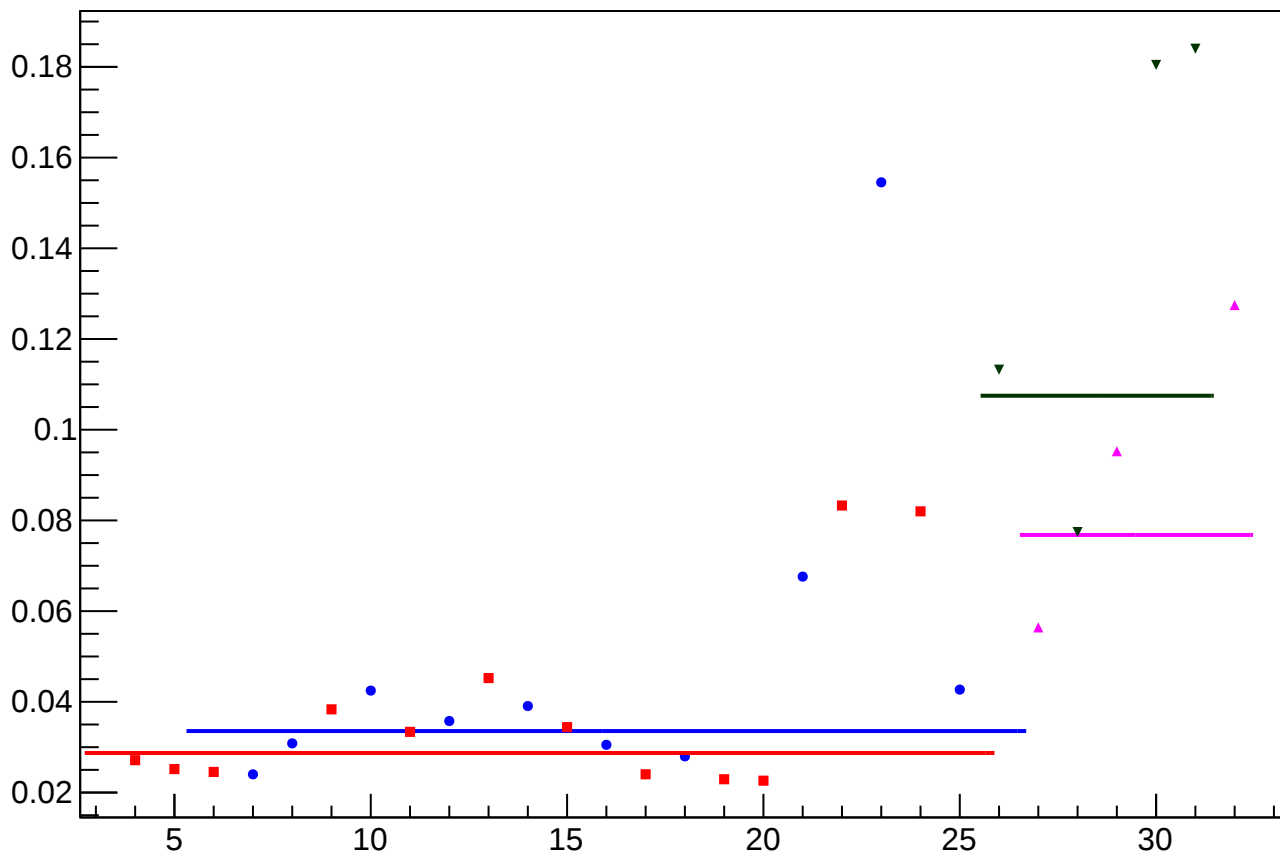
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 1.766+/-0.000 χ^2/NDF :84098772.5/2

-0.725+/-0.000 χ^2/NDF : 2841208467.5/13

-0.860+/-0.000 χ^2/NDF : 4038346789.5/14

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.107+/-0.000 χ^2/NDF : 392865.1/3

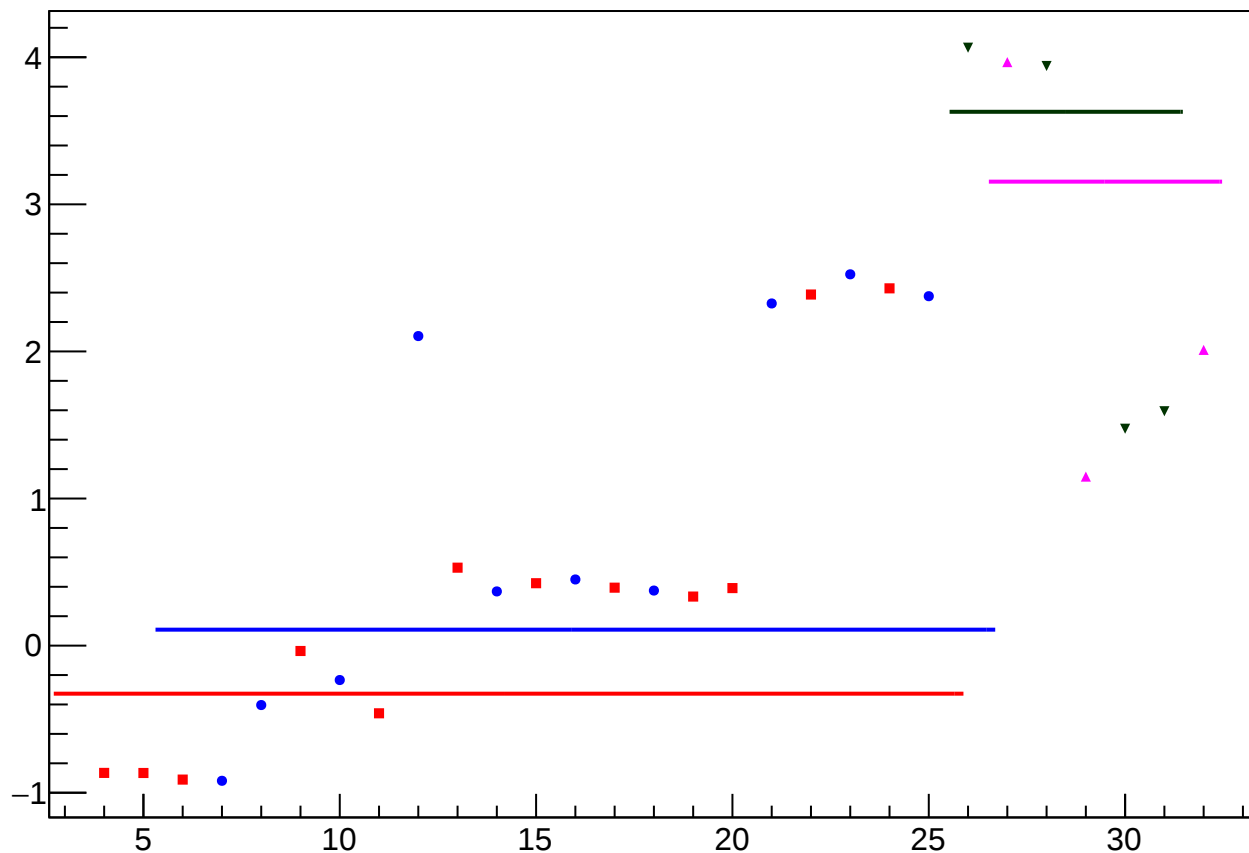
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.077+/-0.000 χ^2/NDF : 405507.3/2

0.036+/-0.000 χ^2/NDF : 2701566.2/13

0.031+/-0.000 χ^2/NDF : 2548919.9/14

yield_bpm1Y_mean vs slug



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

Left Out: 3.629+/-0.000 χ^2/NDF : 210422394.7/3

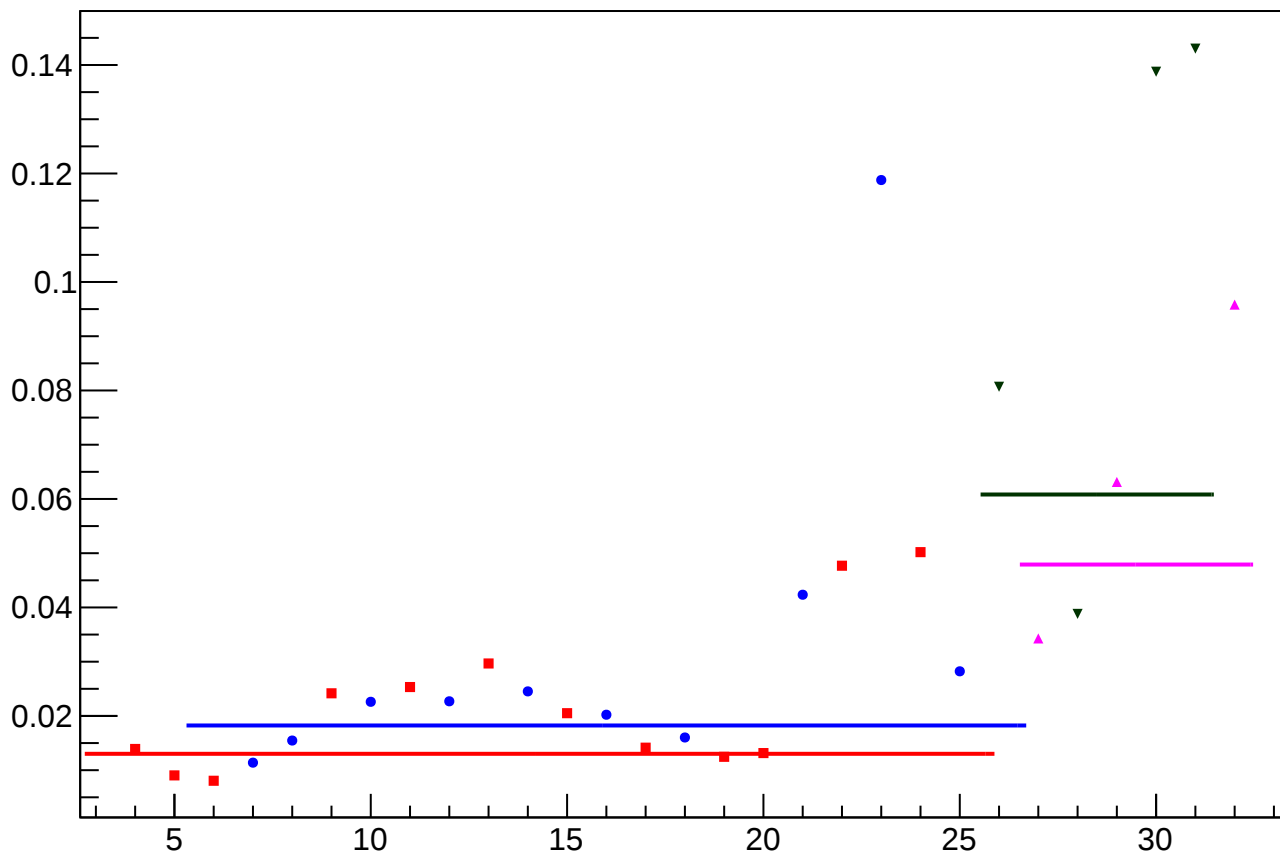
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 3.154+/-0.000 χ^2/NDF : 833548691.2/2

0.200+/-0.000 χ^2/NDF : 11866225295.4/13

-0.231+/-0.000 χ^2/NDF : 17065883829.0/14

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.061+/-0.000 χ^2/NDF : 750773.4/3

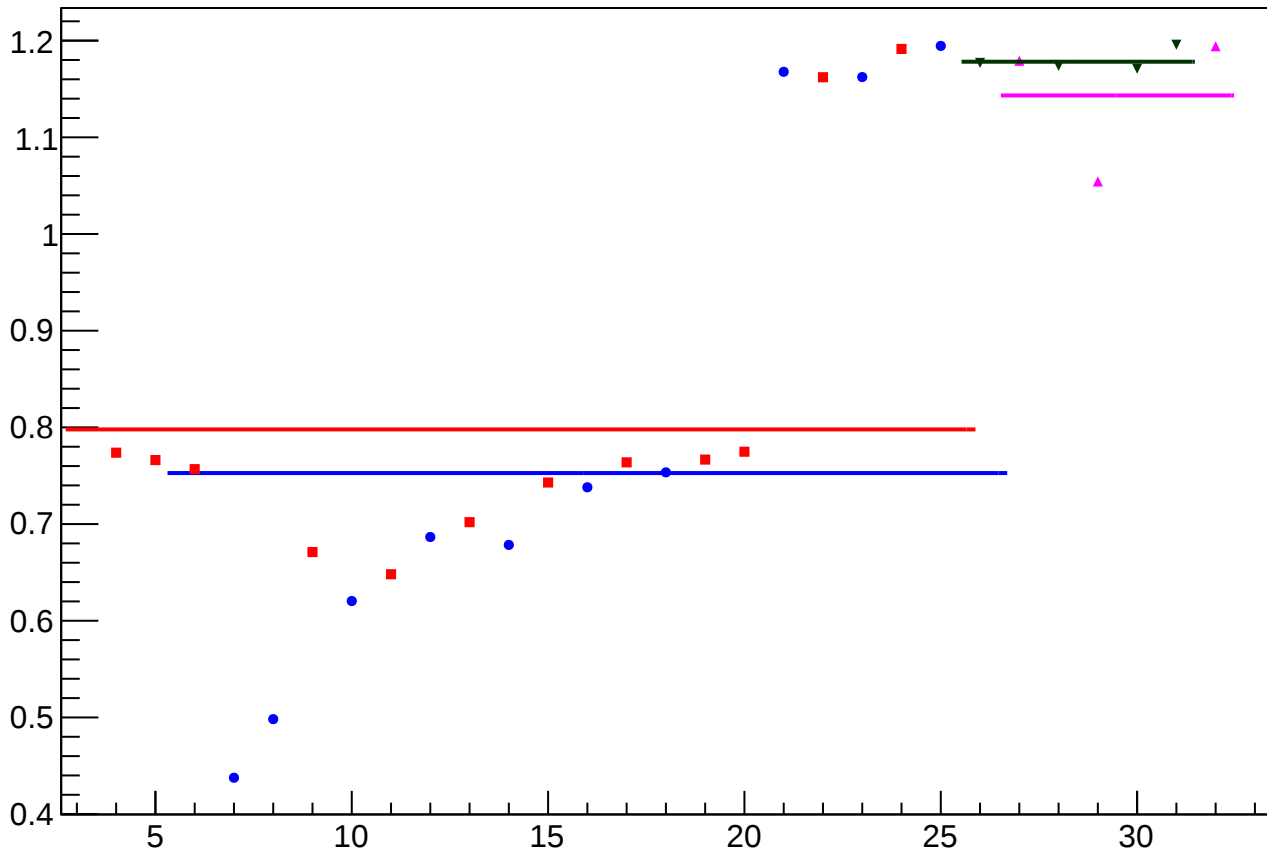
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.048+/-0.000 χ^2/NDF : 547414.3/2

0.019+/-0.000 χ^2/NDF : 3108230.9/13

0.014+/-0.000 χ^2/NDF : 3800455.0/14

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.178+/-0.000 χ^2/NDF : 330173.4/3

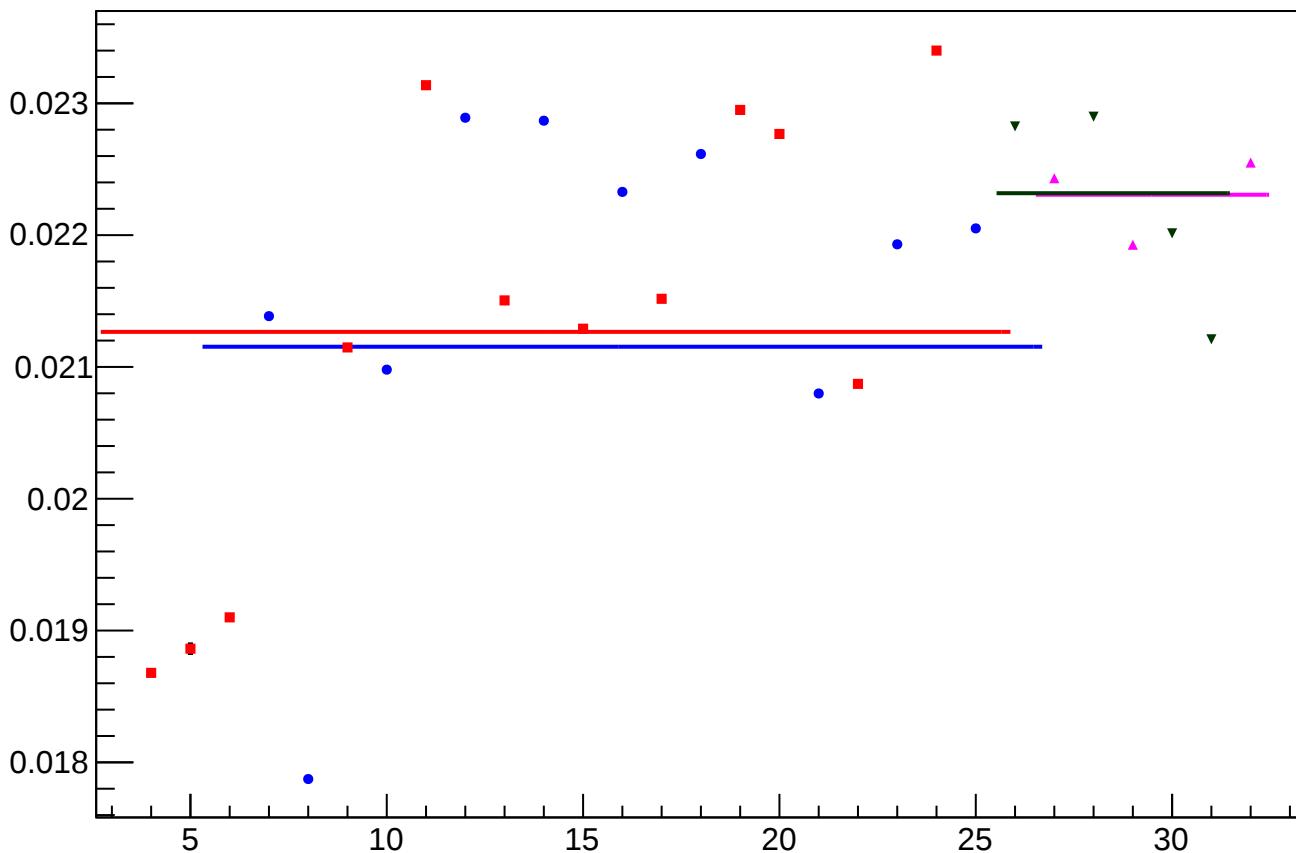
0.849+/-0.000 χ^2/NDF : 1414158763.0/13

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

0.891+/-0.000 χ^2/NDF : 852920480.9/14

Left In: 1.143+/-0.000 χ^2/NDF : 19646840.4/2

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 89384.0/9

Left Out: 0.022+/-0.000 χ^2/NDF : 3524.2/3

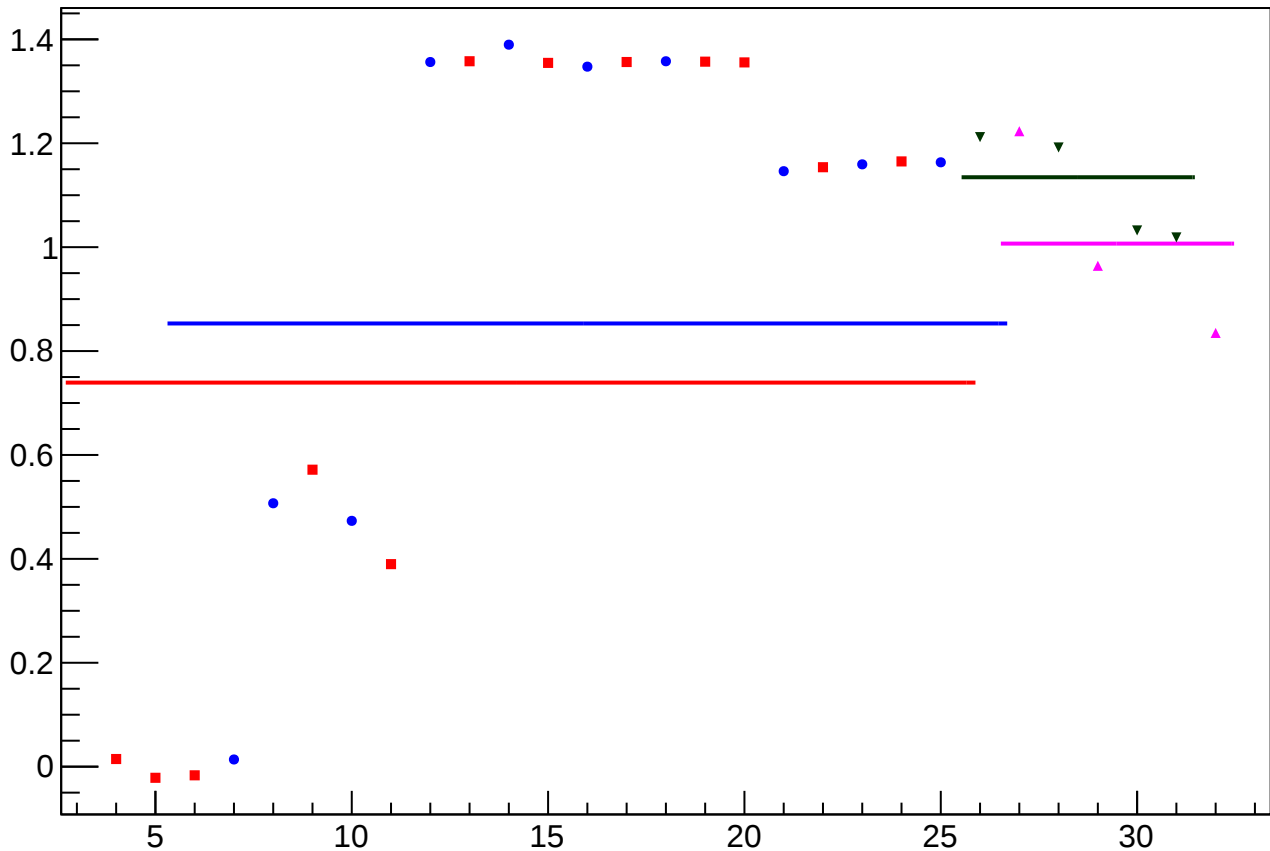
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.022+/-0.000 χ^2/NDF : 731.3/2

0.021+/-0.000 χ^2/NDF : 101426.3/13

0.022+/-0.000 χ^2/NDF : 67304.8/14

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 1.135+/-0.000 χ^2/NDF : 926721885.4/3

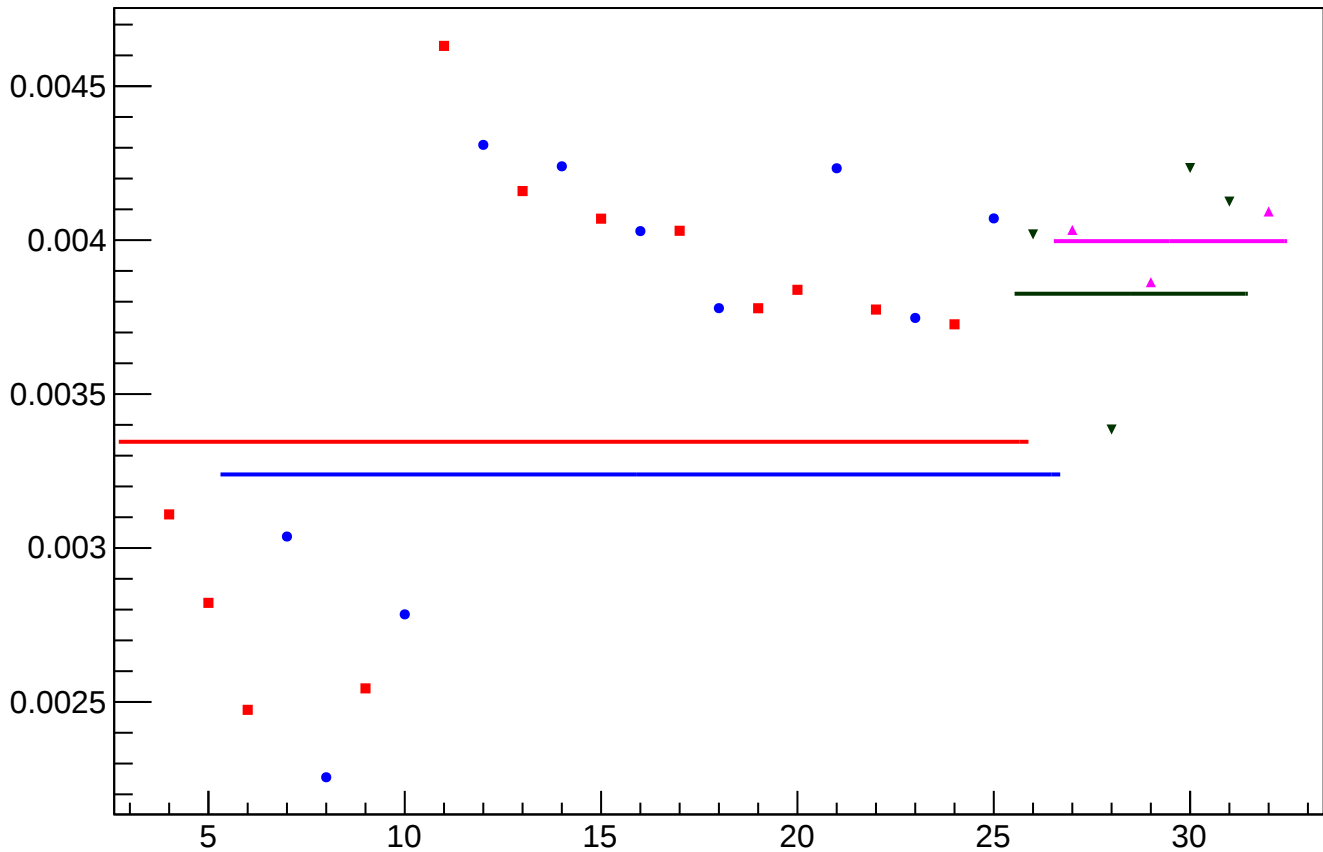
0.907+/-0.000 χ^2/NDF : 114093758157.1/13

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

0.800+/-0.000 χ^2/NDF : 175775206987.7/14

Left In: 1.007+/-0.000 χ^2/NDF : 4045265386.0/2

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 : 35821.1/3

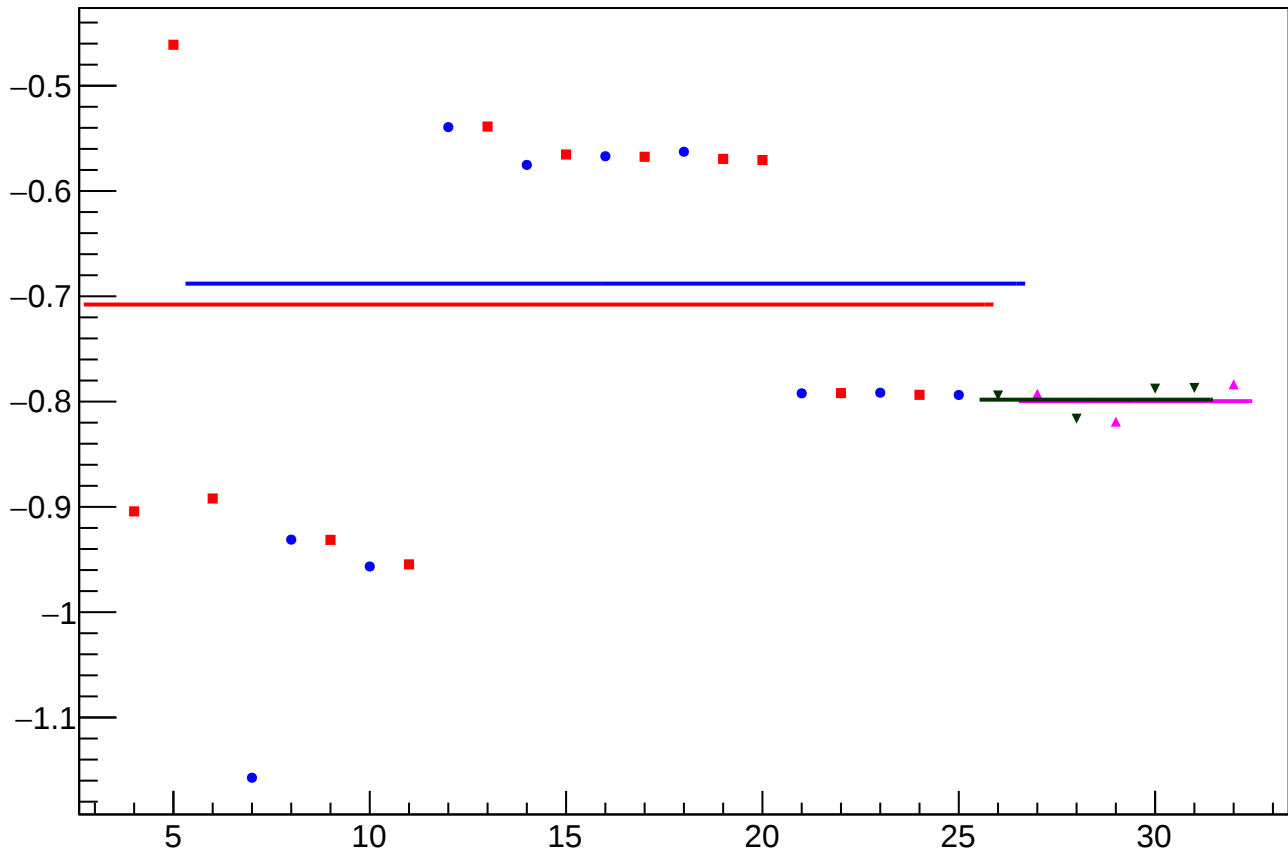
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF : 2941.6/2

0.003+/-0.000 χ^2/NDF : 854598.8/13

0.003+/-0.000 χ^2/NDF : 679252.4/14

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.798+/-0.000 χ^2/NDF : 5277688.8/3

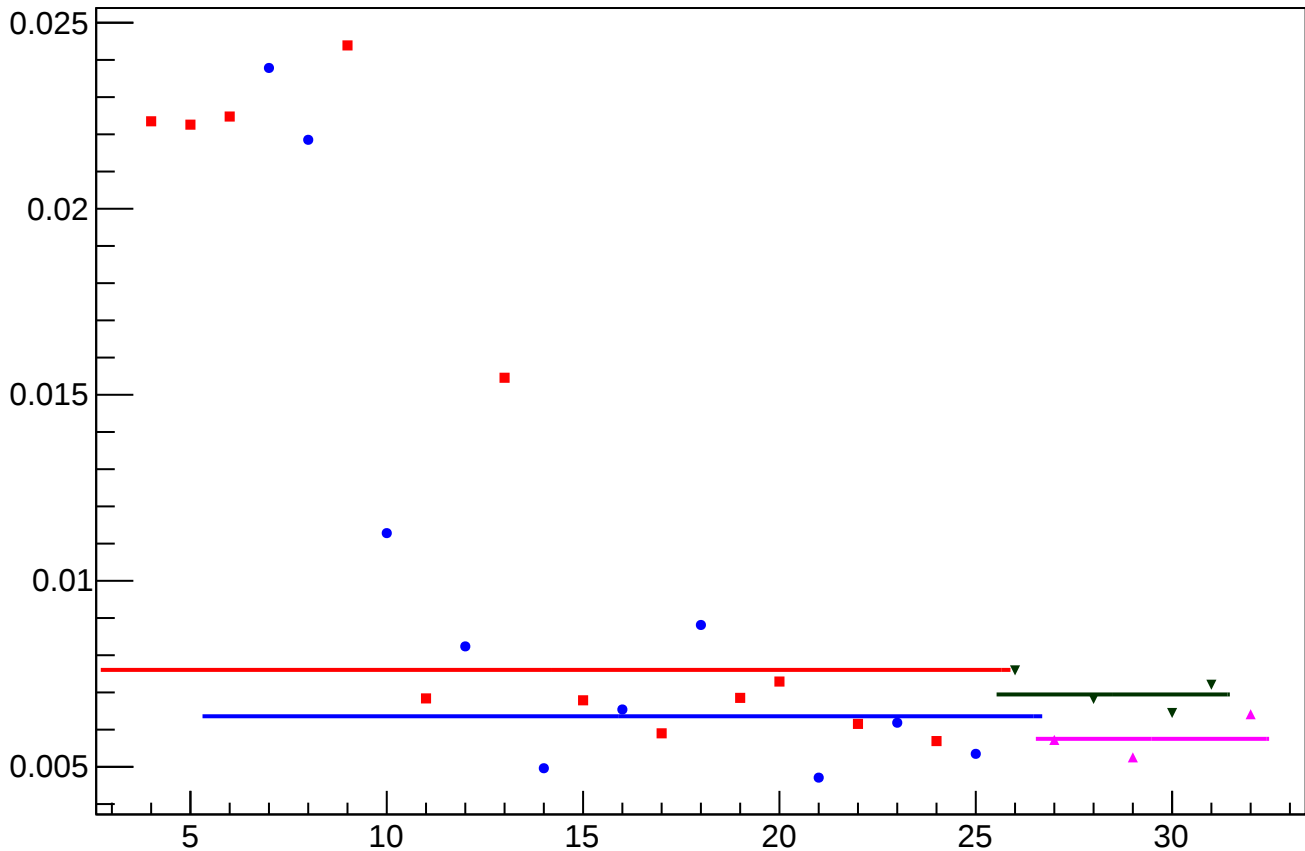
-0.714+/-0.000 χ^2/NDF : 2143128622.7/13

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

-0.747+/-0.000 χ^2/NDF : 1998986326.2/14

Left In: -0.800+/-0.000 χ^2/NDF : 12753796.7/2

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1833155.9/9

Left Out: 0.007+/-0.000 χ^2/NDF :11571.1/3

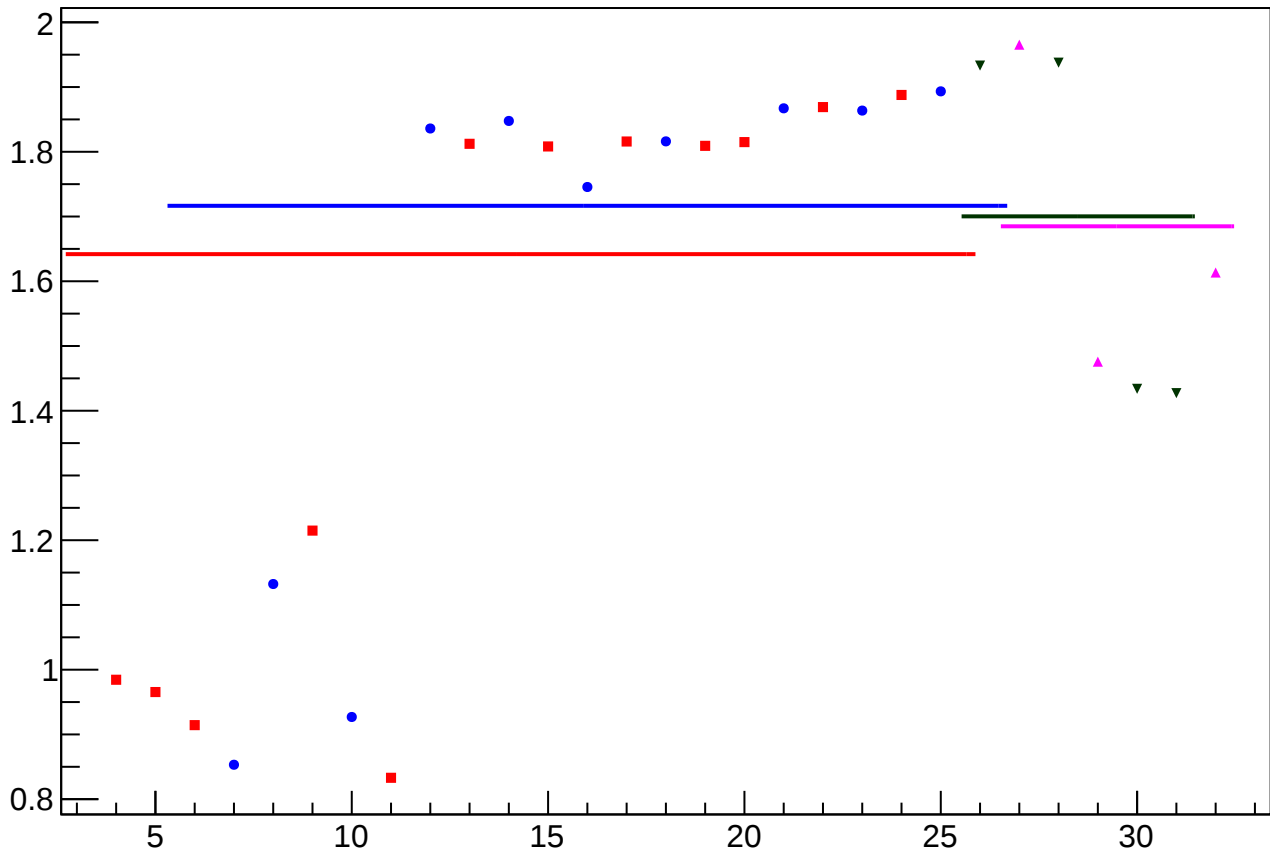
0.006+/-0.000 χ^2/NDF : 1861854.6/13

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

0.007+/-0.000 χ^2/NDF : 2535439.5/14

Left In: 0.006+/-0.000 χ^2/NDF :24202.0/2

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2 /NDF: 10938016030.0/9

Left Out: 1.700 $\pm$ 0.000 χ^2 /NDF: 2717690921.9/3

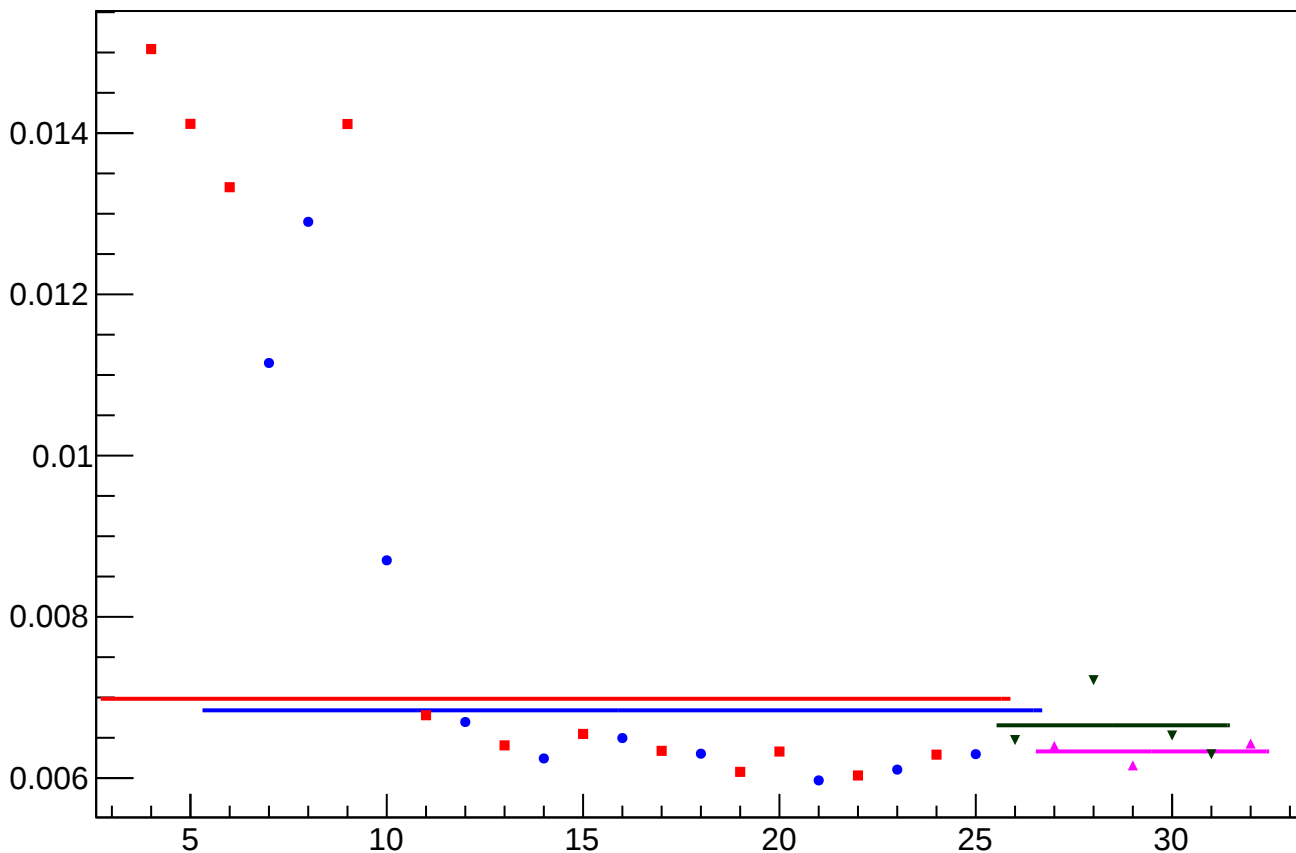
1.712 $\pm$ 0.000 χ^2 /NDF: 13664101798.9/13

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

1.657 $\pm$ 0.000 χ^2 /NDF: 18283263699.8/14

Left In: 1.685 $\pm$ 0.000 χ^2 /NDF: 2460907352.8/2

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 600956.3/9

Left Out: 0.007+/-0.000 χ^2/NDF :10826.5/3

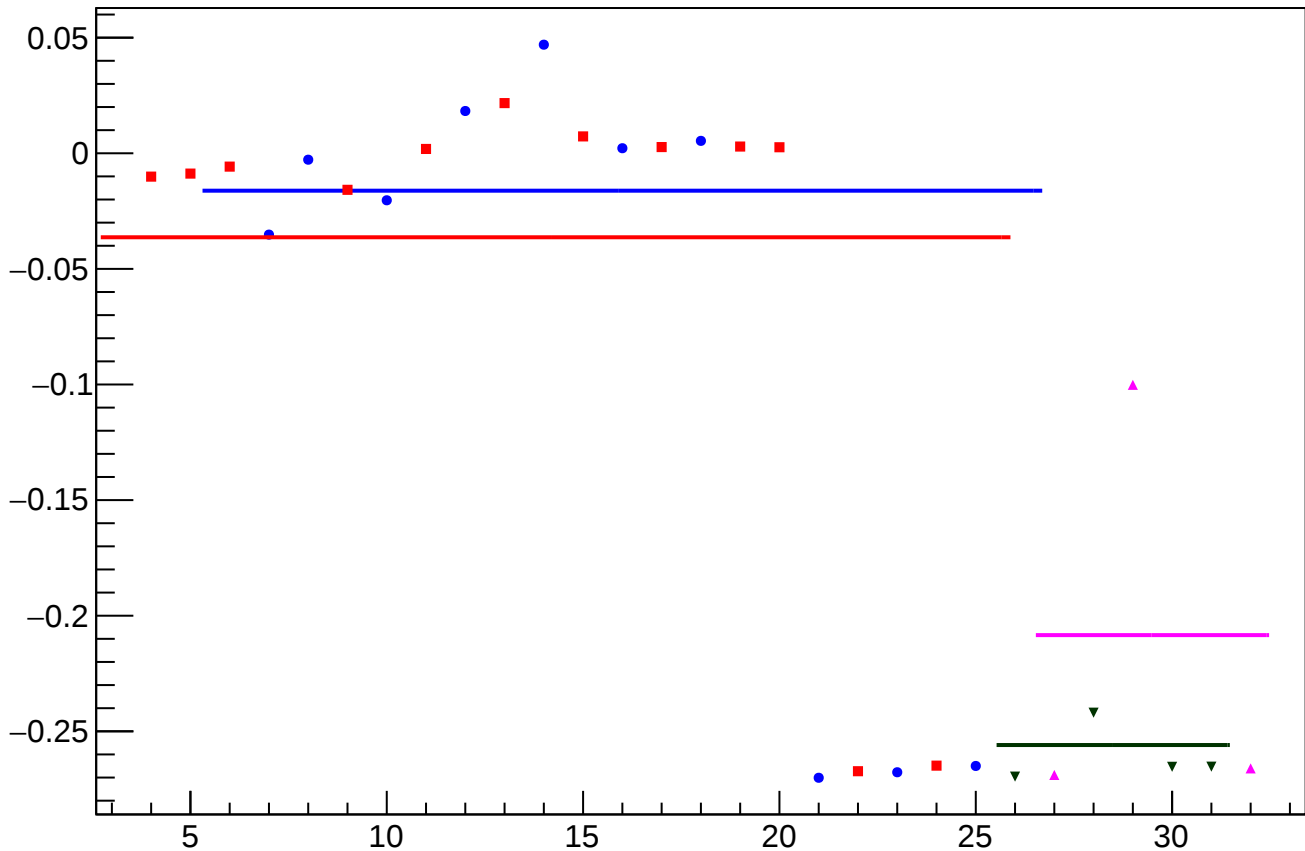
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF :1701.9/2

0.007+/-0.000 χ^2/NDF : 613965.0/13

0.007+/-0.000 χ^2/NDF : 1007995.6/14

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.256+/-0.000 χ^2/NDF : 4785765.6/3

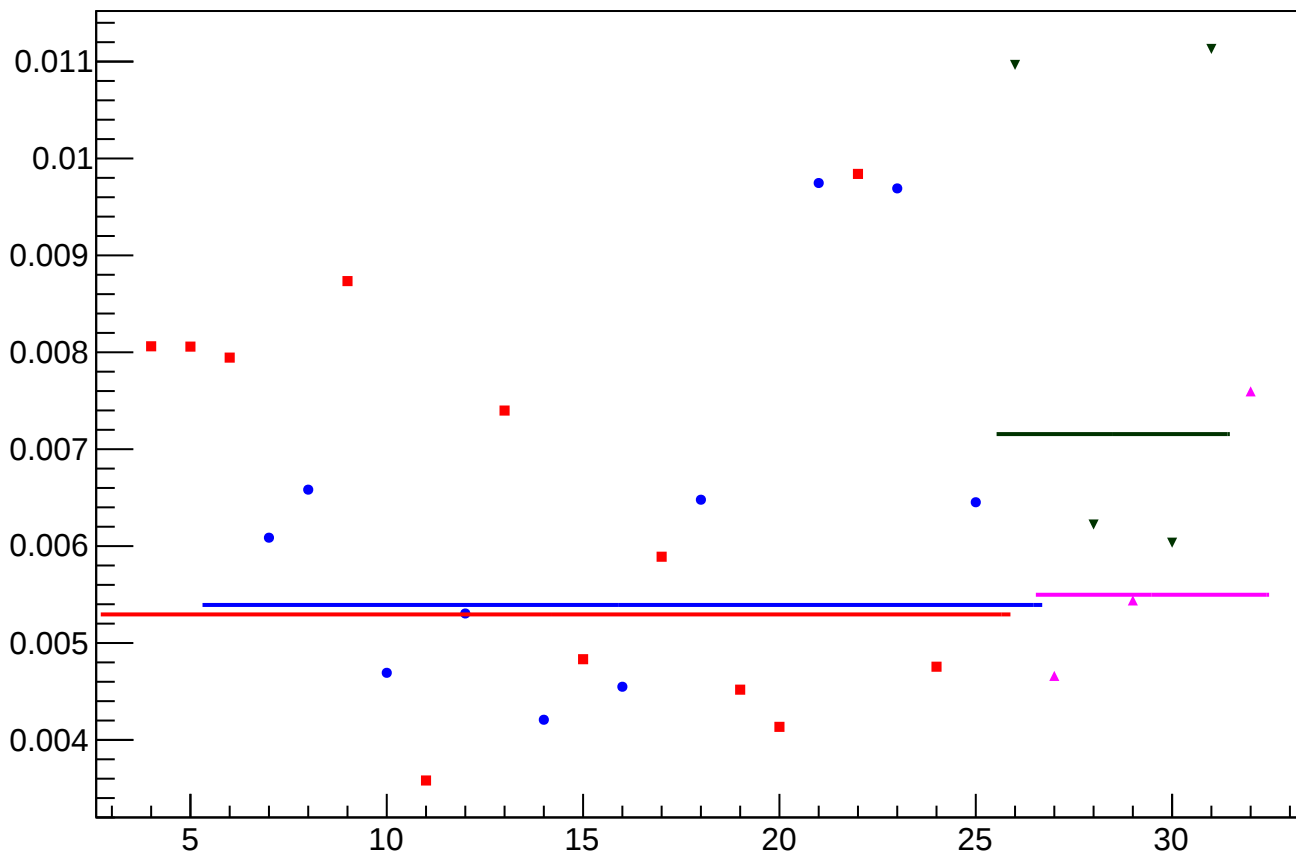
-0.052+/-0.000 χ^2/NDF : 3067051935.0/13

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

-0.082+/-0.000 χ^2/NDF : 3721913690.6/14

Left In: -0.208+/-0.000 χ^2/NDF : 454425848.5/2

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 809148.4/9

Left Out: 0.007+/-0.000 χ^2/NDF :260923.6/3

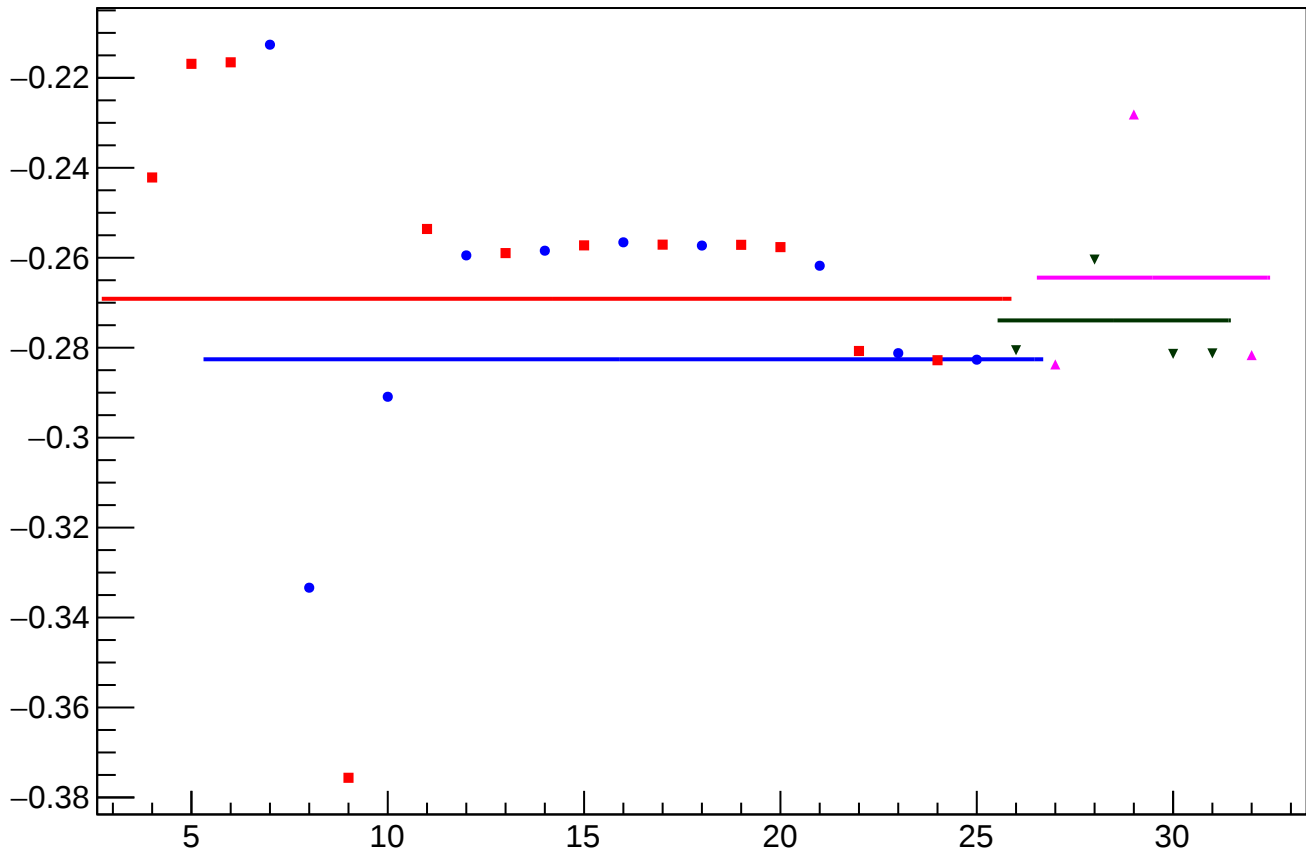
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :163371.6/2

0.006+/-0.000 χ^2/NDF : 1244288.6/13

0.005+/-0.000 χ^2/NDF : 1374402.5/14

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.274+/-0.000 χ^2/NDF : 23660040.4/3

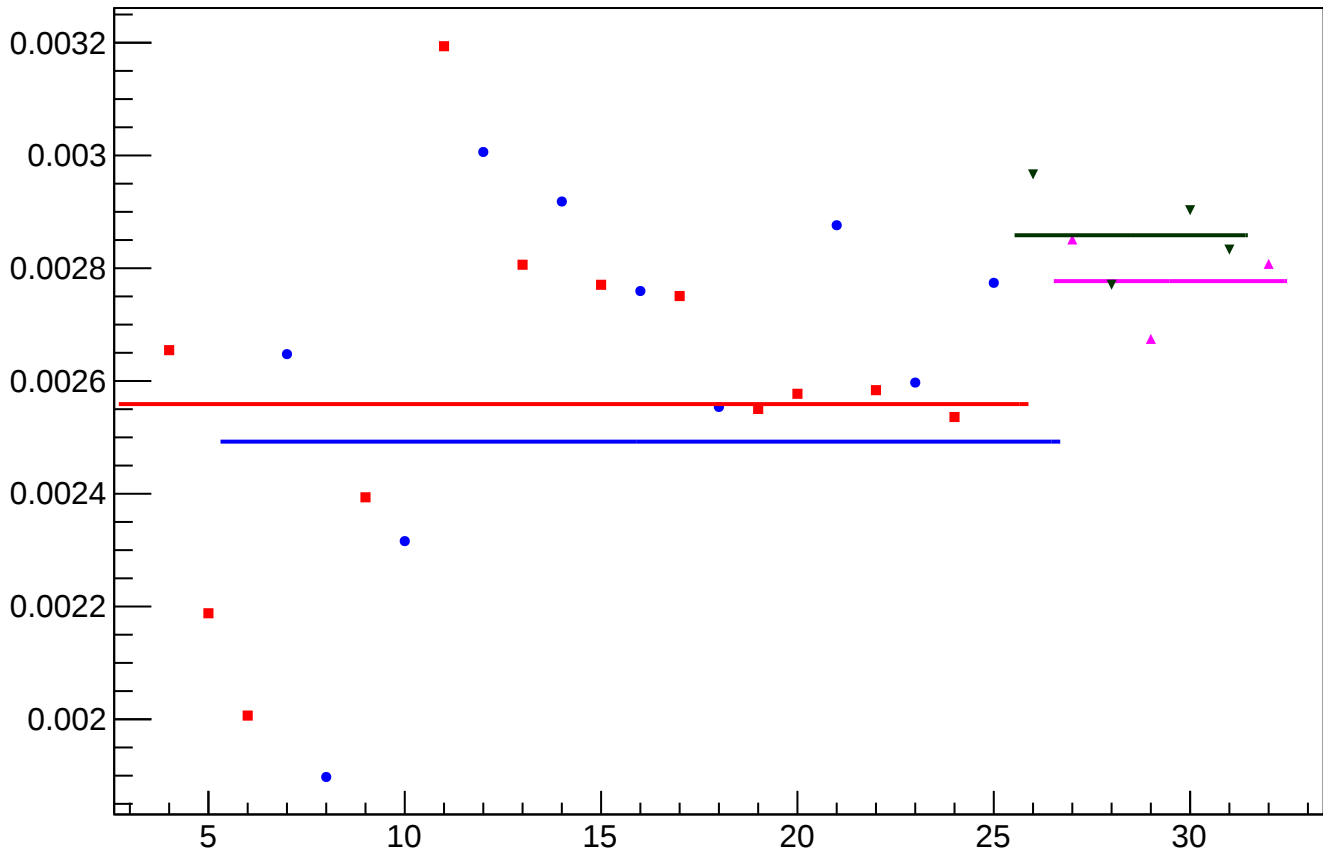
-0.281+/-0.000 χ^2/NDF : 1105338268.2/13

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

-0.268+/-0.000 χ^2/NDF : 2153419527.2/14

Left In: -0.264+/-0.000 χ^2/NDF : 212446198.6/2

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 :2876.0/3

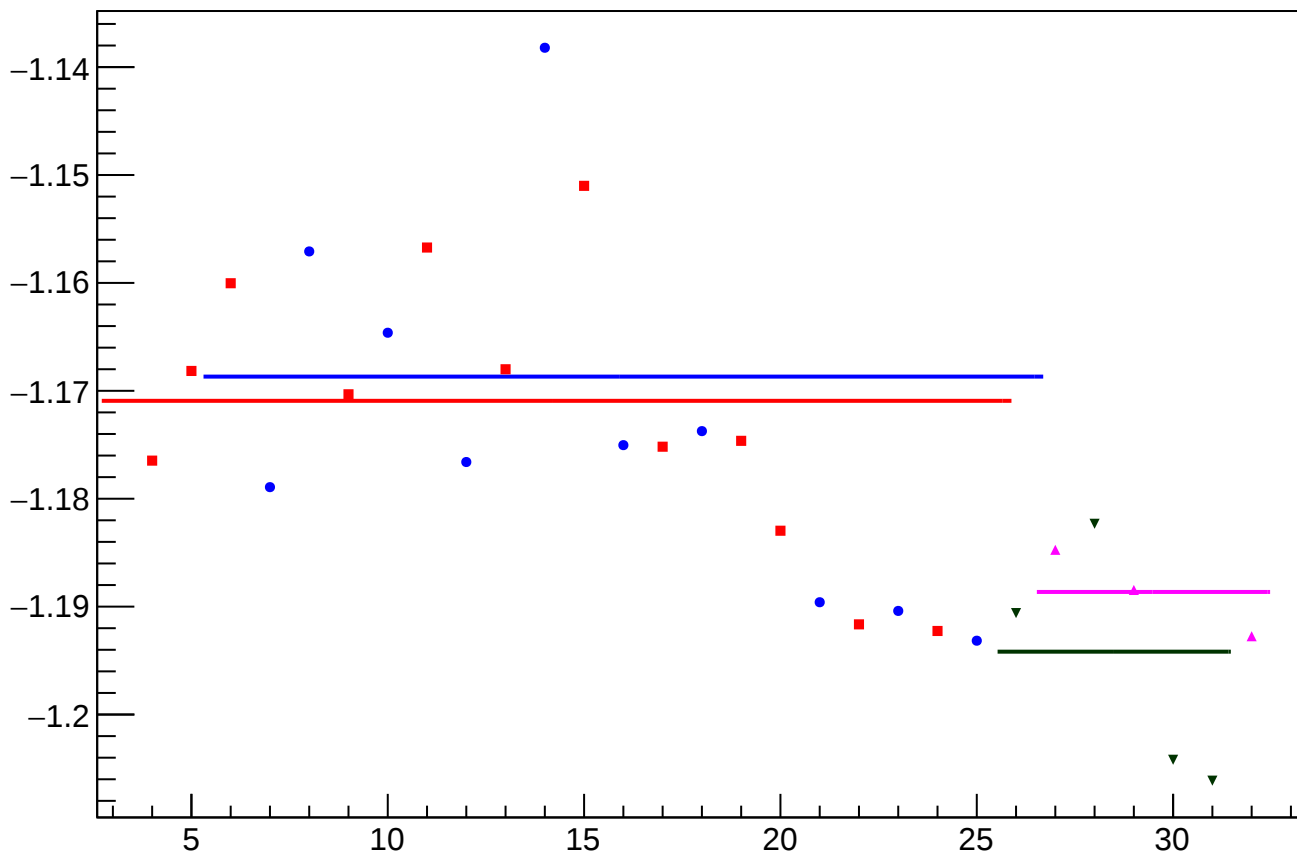
Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

Left In: 0.003+/-0.000 χ^2/NDF :3586.9/2

0.003+/-0.000 χ^2/NDF : 359426.6/13

0.003+/-0.000 χ^2/NDF : 202729.0/14

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.194+/-0.000 χ^2/NDF : 3410618.8/3

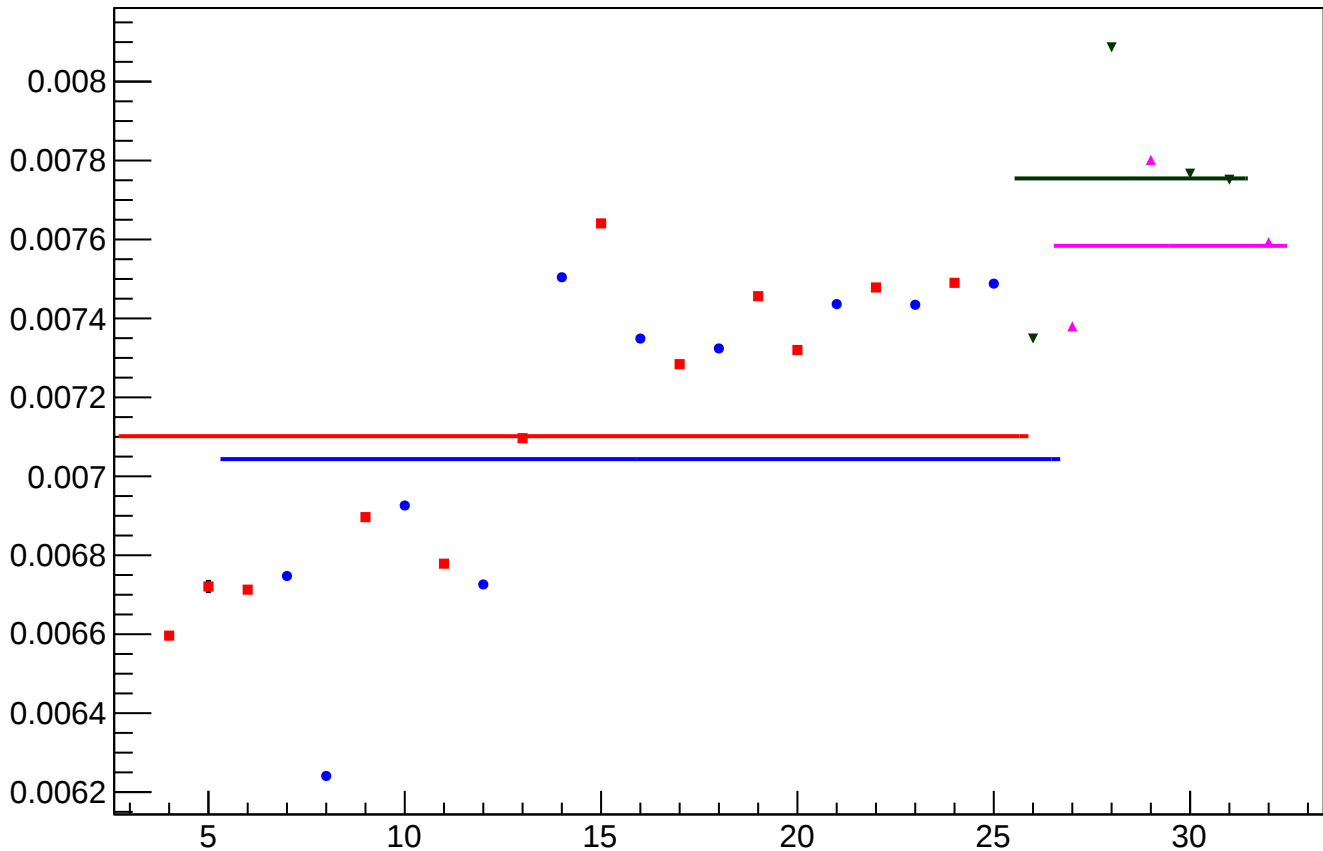
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.189+/-0.000 χ^2/NDF : 494715.8/2

-1.174+/-0.000 χ^2/NDF : 56840506.5/13

-1.176+/-0.000 χ^2/NDF : 29635395.7/14

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54602.2/9

Left Out: 0.008+/-0.000 χ^2/NDF :5415.4/3

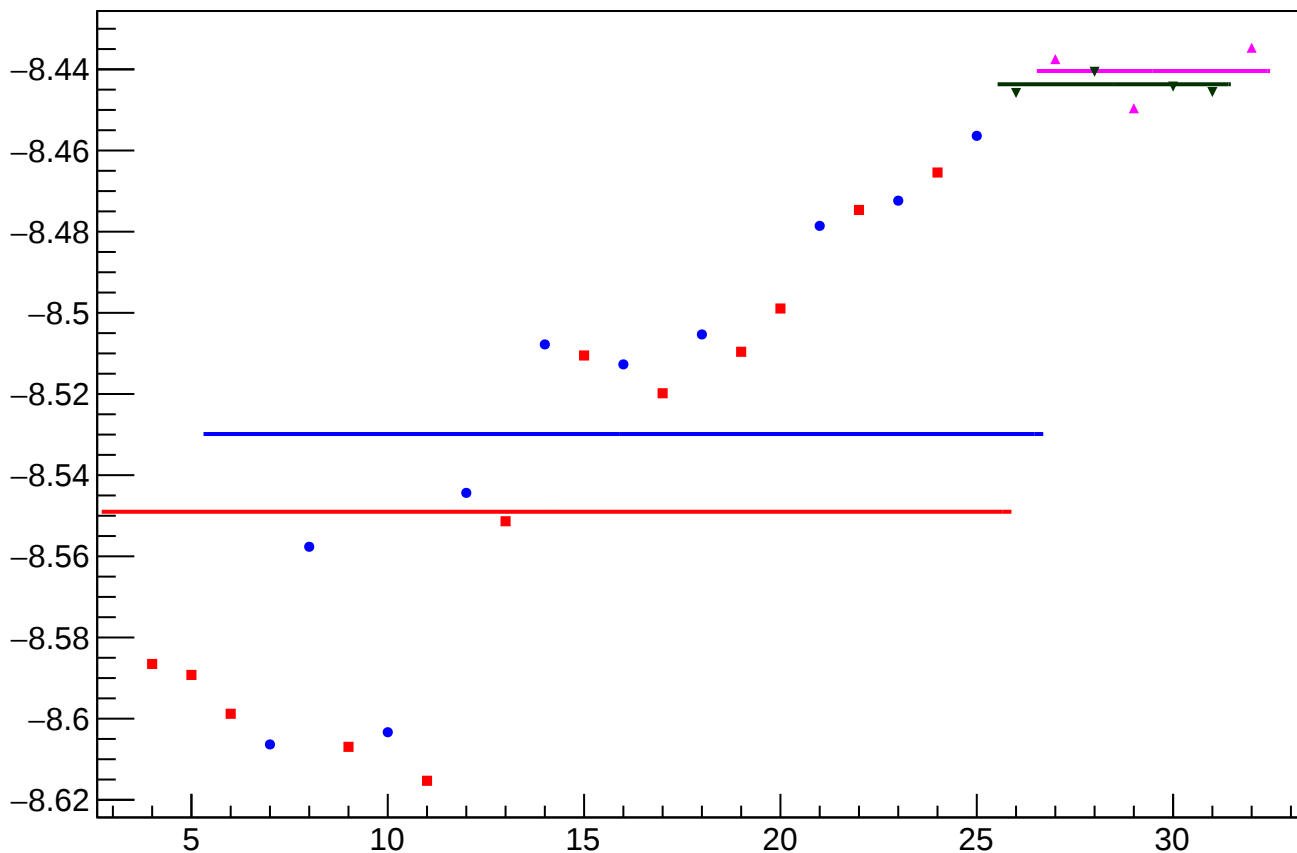
0.007+/-0.000 χ^2/NDF : 87871.0/13

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

0.007+/-0.000 χ^2/NDF : 45778.4/14

Left In: 0.008+/-0.000 χ^2/NDF :2597.9/2

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.444+/-0.000 χ^2/NDF : 210073.9/3

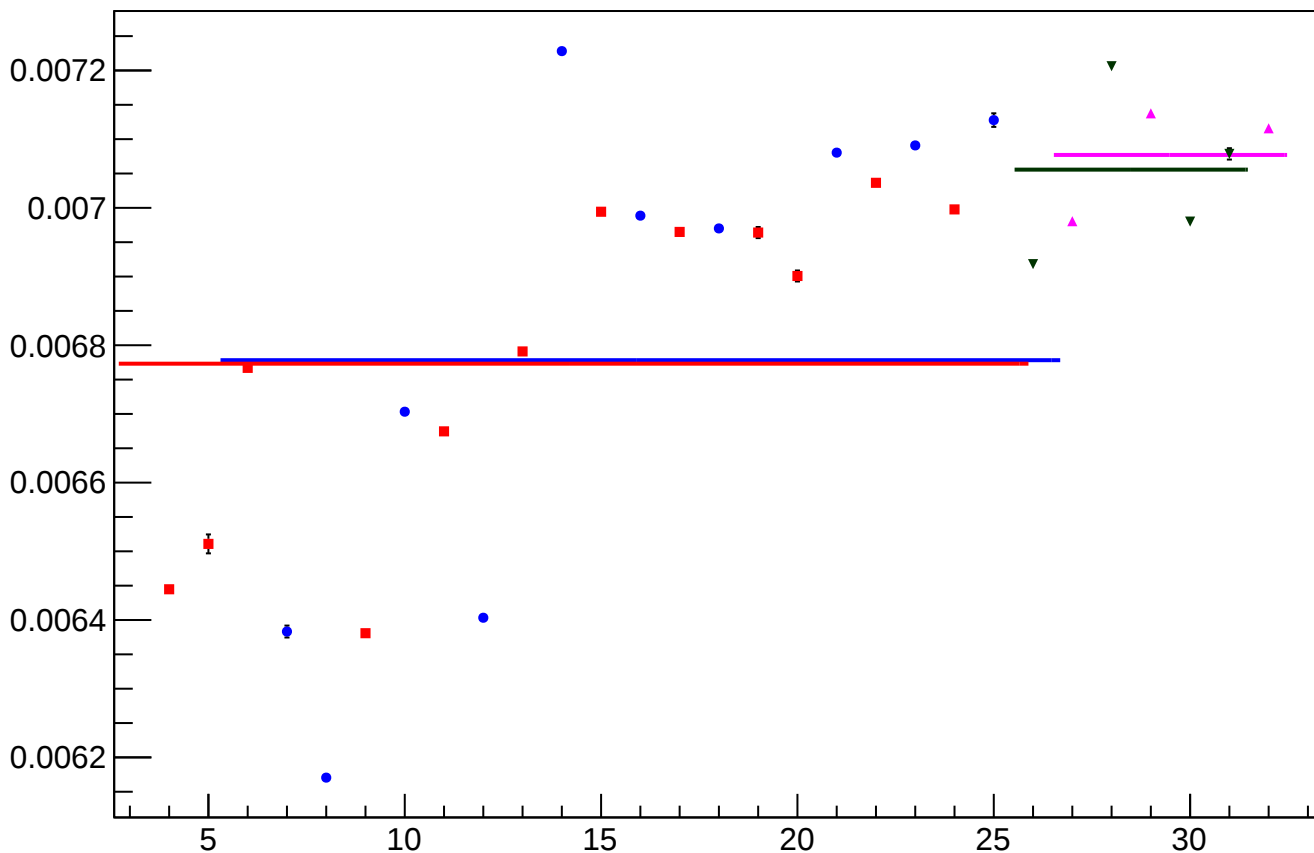
Right Out: -8.549+/-0.000 χ^2/NDF : 379238014.1/11

Left In: -8.440+/-0.000 χ^2/NDF : 2137264.4/2

-8.510+/-0.000 χ^2/NDF : 523714950.7/13

-8.519+/-0.000 χ^2/NDF : 826941286.3/14

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 :1157.6/3

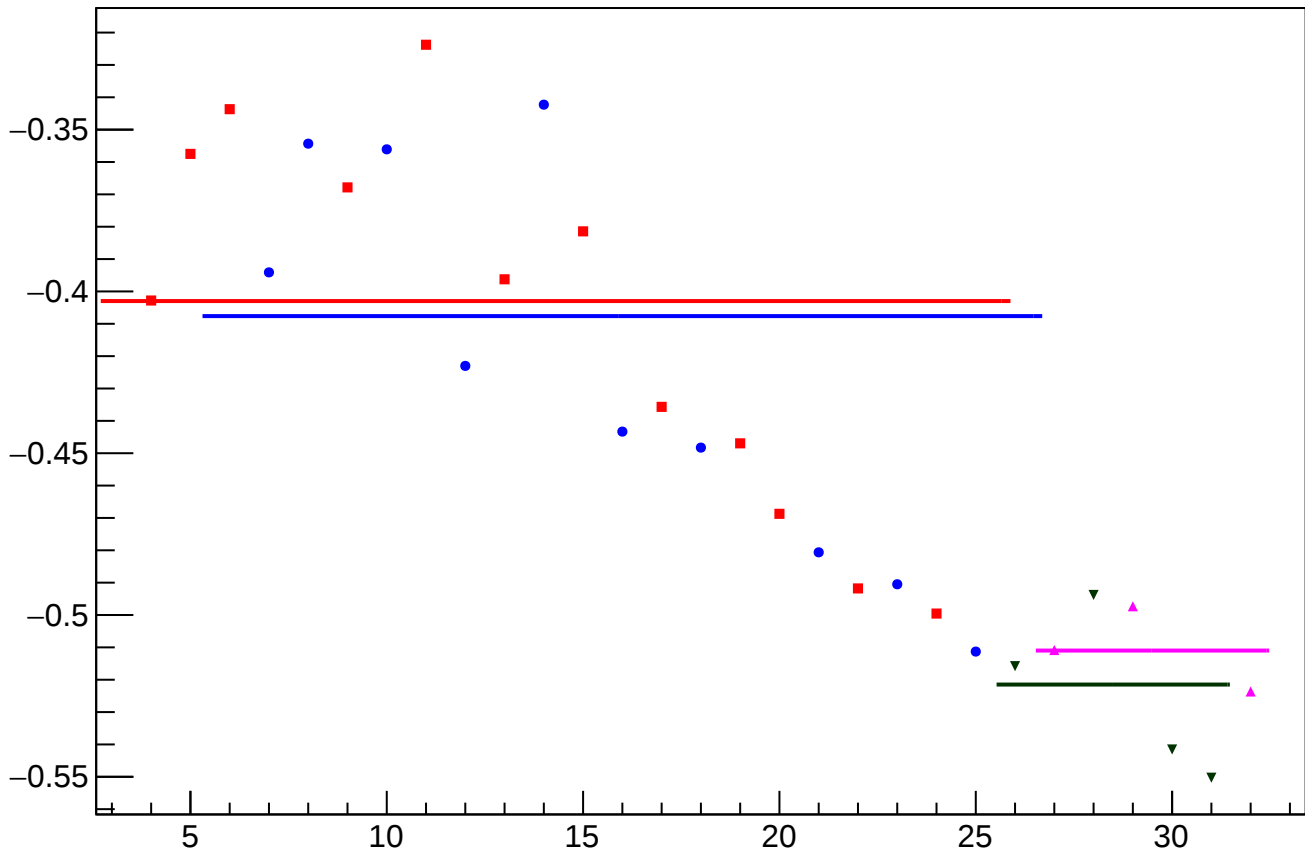
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

Left In: 0.007+/-0.000 χ^2/NDF :502.3/2

0.007+/-0.000 χ^2/NDF : 46044.0/13

0.007+/-0.000 χ^2/NDF : 21435.4/14

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.521+/-0.000 χ^2/NDF : 2737912.9/3

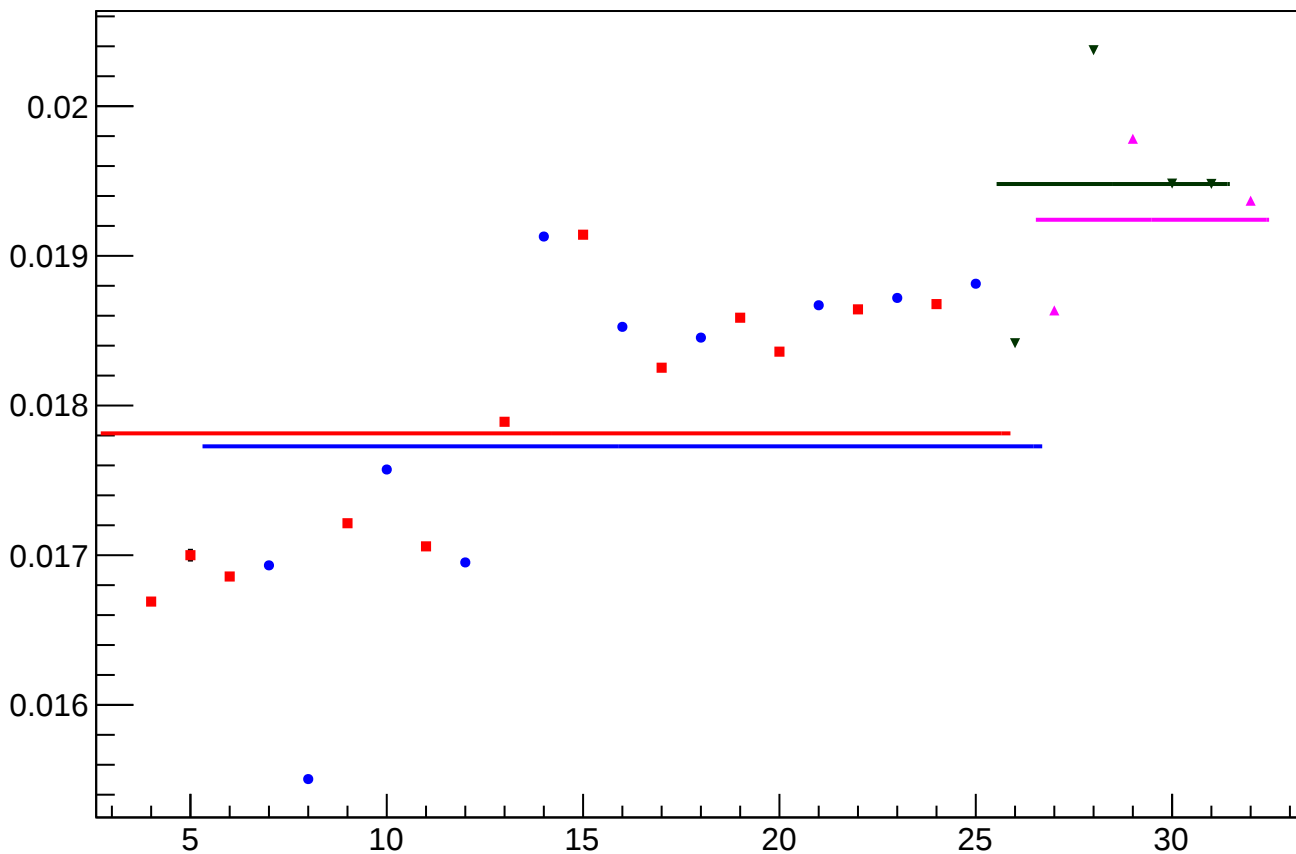
-0.432+/-0.000 χ^2/NDF : 124346151.8/13

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

-0.431+/-0.000 χ^2/NDF : 123268205.8/14

Left In: -0.511+/-0.000 χ^2/NDF : 781568.3/2

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 64790.3/9

Left Out: 0.019+/-0.000 χ^2/NDF : 6054.3/3

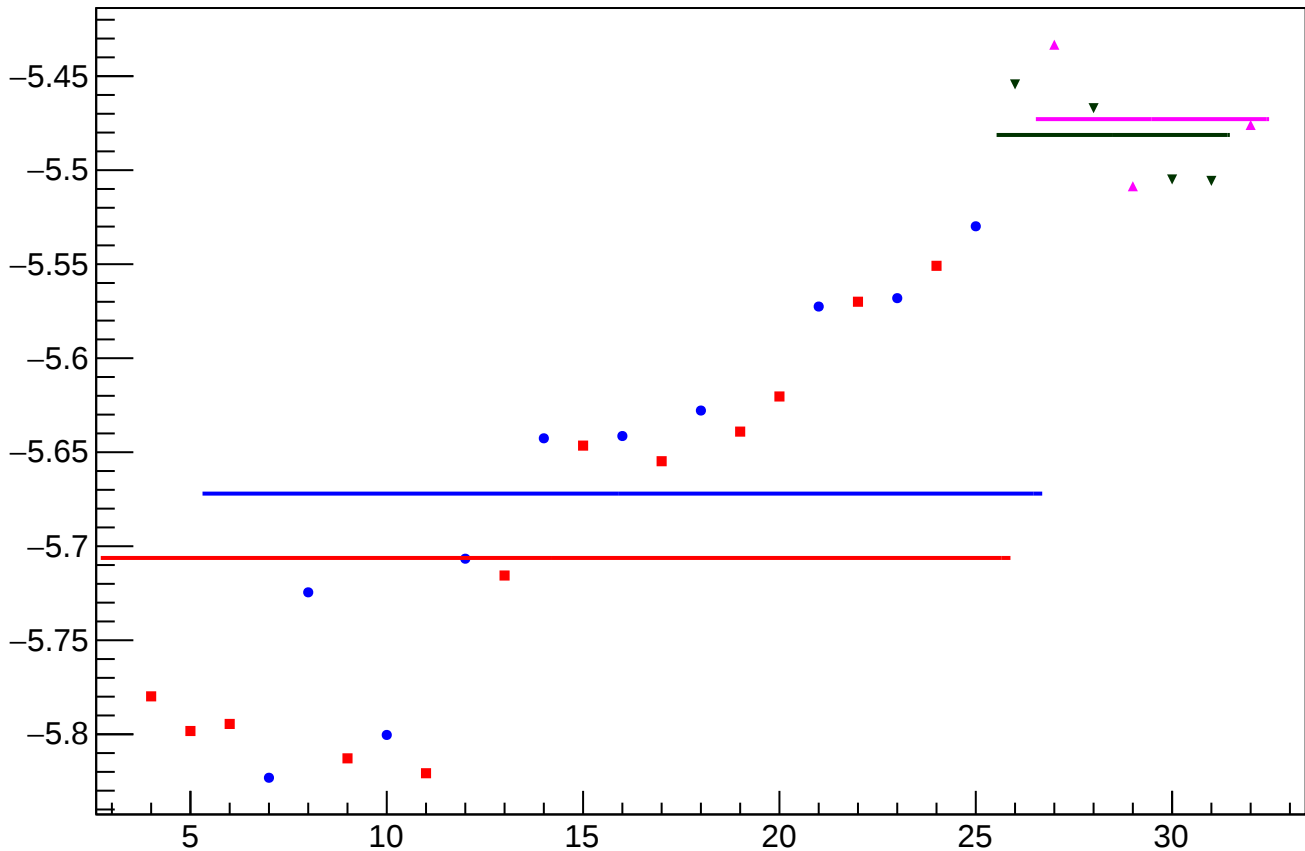
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.019+/-0.000 χ^2/NDF : 3114.8/2

0.018+/-0.000 χ^2/NDF : 97676.1/13

0.018+/-0.000 χ^2/NDF : 48825.6/14

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.481+/-0.000 χ^2/NDF : 7233297.1/3

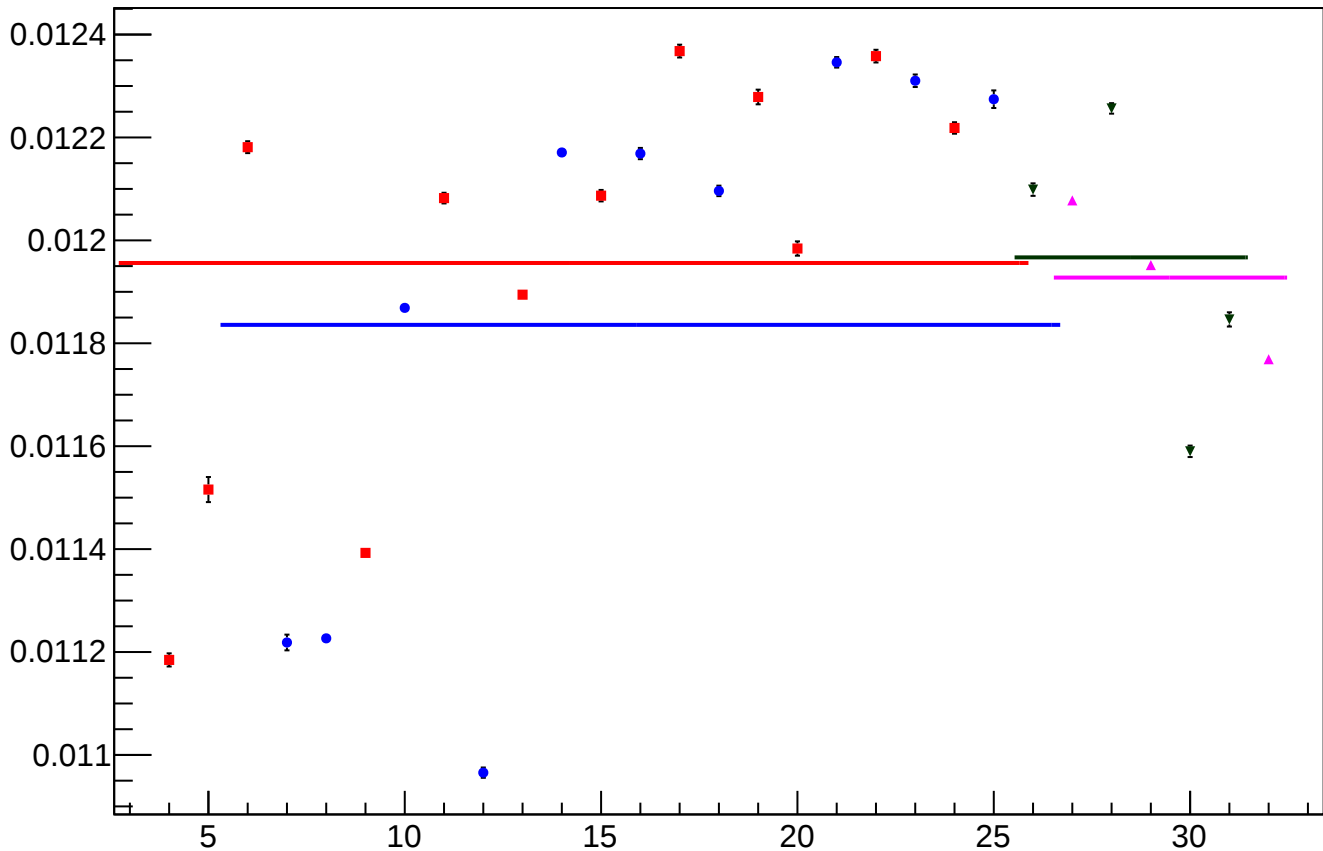
-5.625+/-0.000 χ^2/NDF : 722850821.9/13

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

-5.638+/-0.000 χ^2/NDF : 1114977118.9/14

Left In: -5.473+/-0.000 χ^2/NDF : 16819045.4/2

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 : 2144.2/3

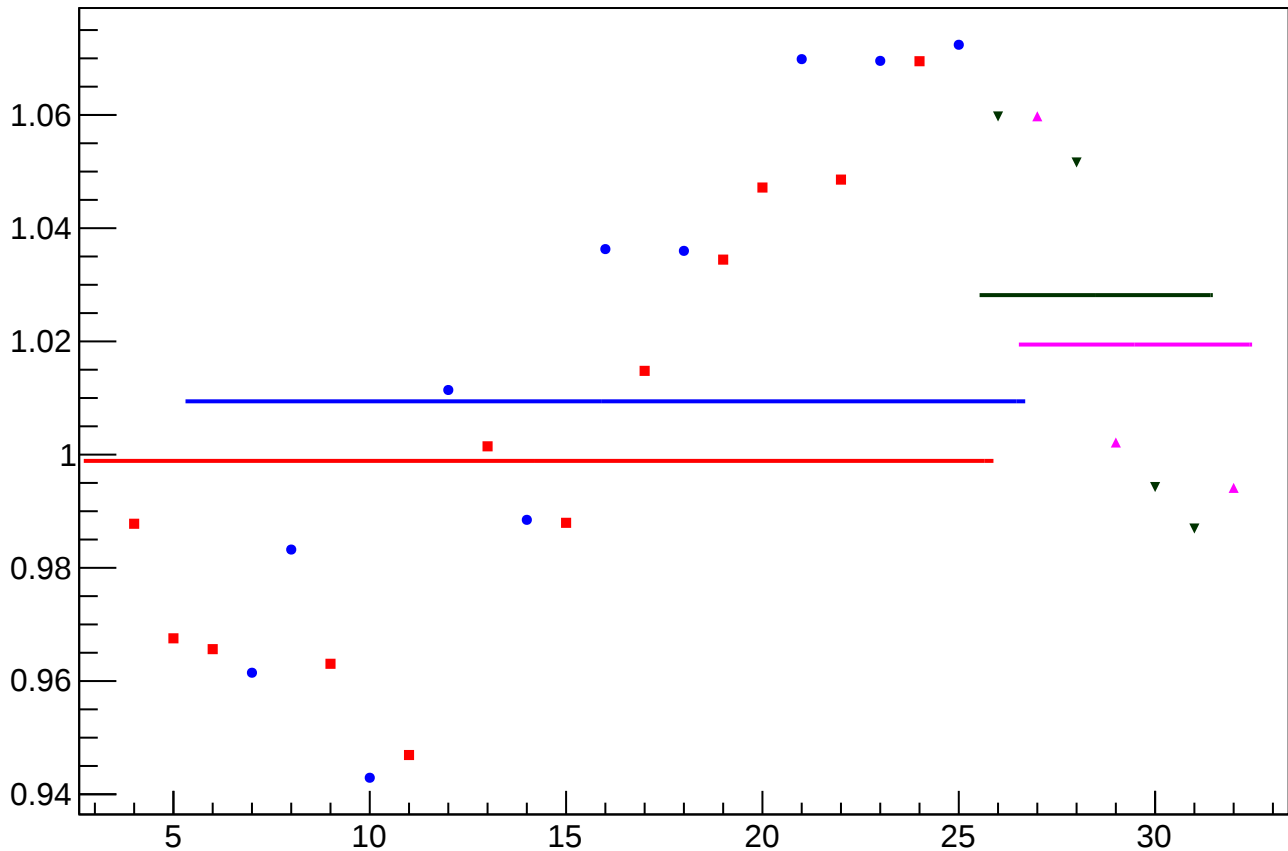
Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

Left In: 0.012+/-0.000 χ^2/NDF : 595.8/2

0.012+/-0.000 χ^2/NDF : 24797.1/13

0.012+/-0.000 χ^2/NDF : 12326.2/14

yield_bpm1i04X_mean vs slug



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

Left Out: 1.028 $\pm$ 0.000 χ^2 /NDF: 41690763.7/3

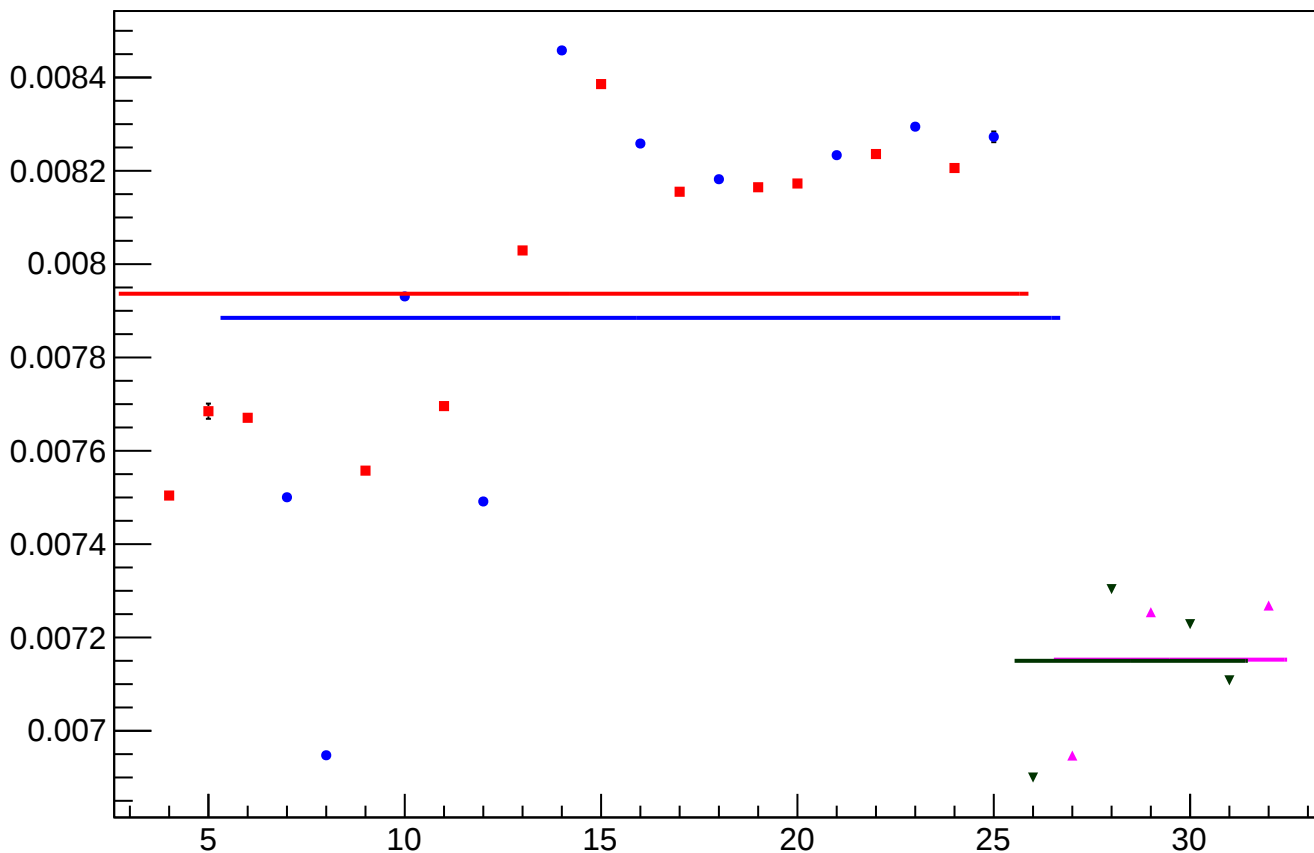
1.015 $\pm$ 0.000 χ^2 /NDF: 234279501.9/13

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

1.006 $\pm$ 0.000 χ^2 /NDF: 205570391.6/14

Left In: 1.019 $\pm$ 0.000 χ^2 /NDF: 43834268.7/2

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 : 2083.3/3

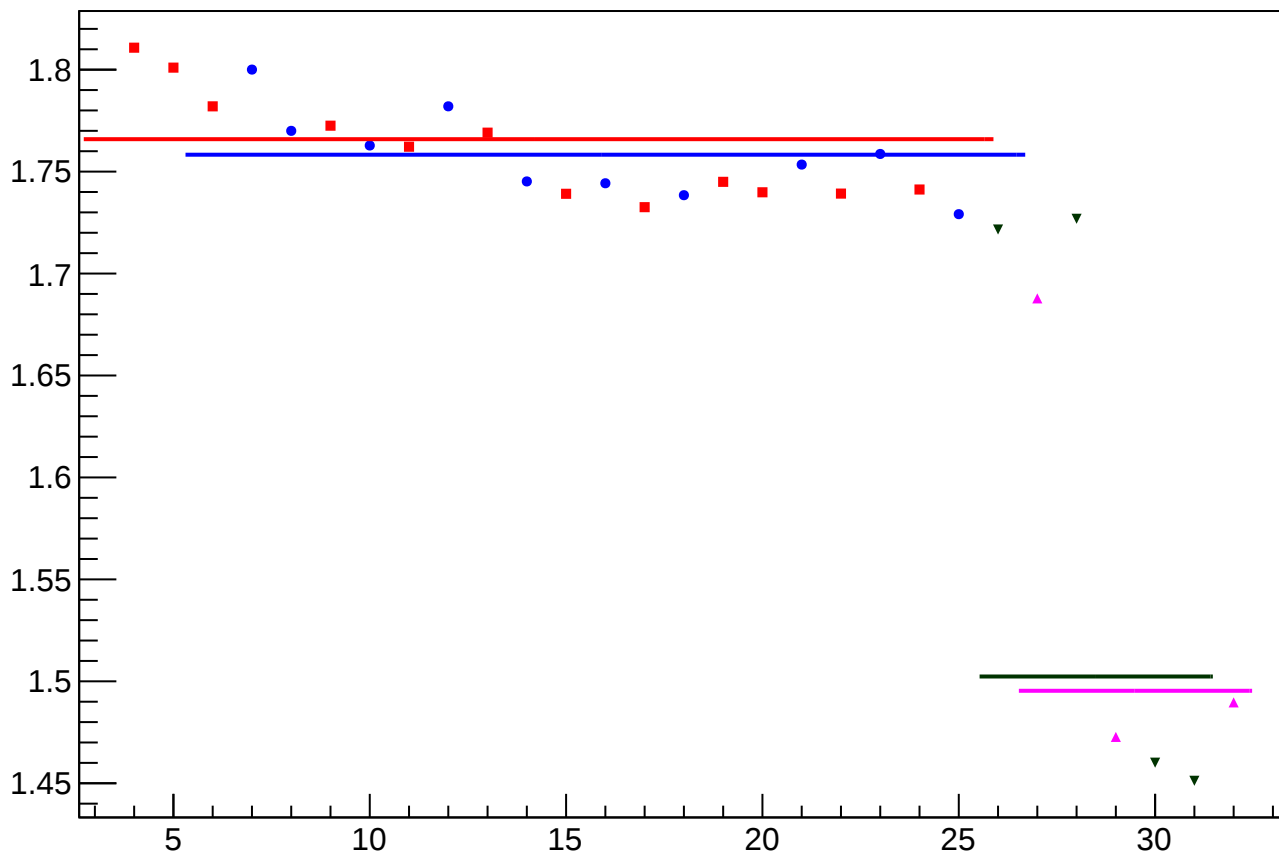
Right Out: 0.008+/-0.000 χ^2/NDF : 17438.8/11

Left In: 0.007+/-0.000 χ^2/NDF : 2252.3/2

0.008+/-0.000 χ^2/NDF : 91844.0/13

0.008+/-0.000 χ^2/NDF : 60899.4/14

yield_bpm1i04Y_mean vs slug



Right In: 1.758 $\pm$ 0.000 χ^2 /NDF: 25411176.0/9

Left Out: 1.502 $\pm$ 0.000 χ^2 /NDF: 440105144.1/3

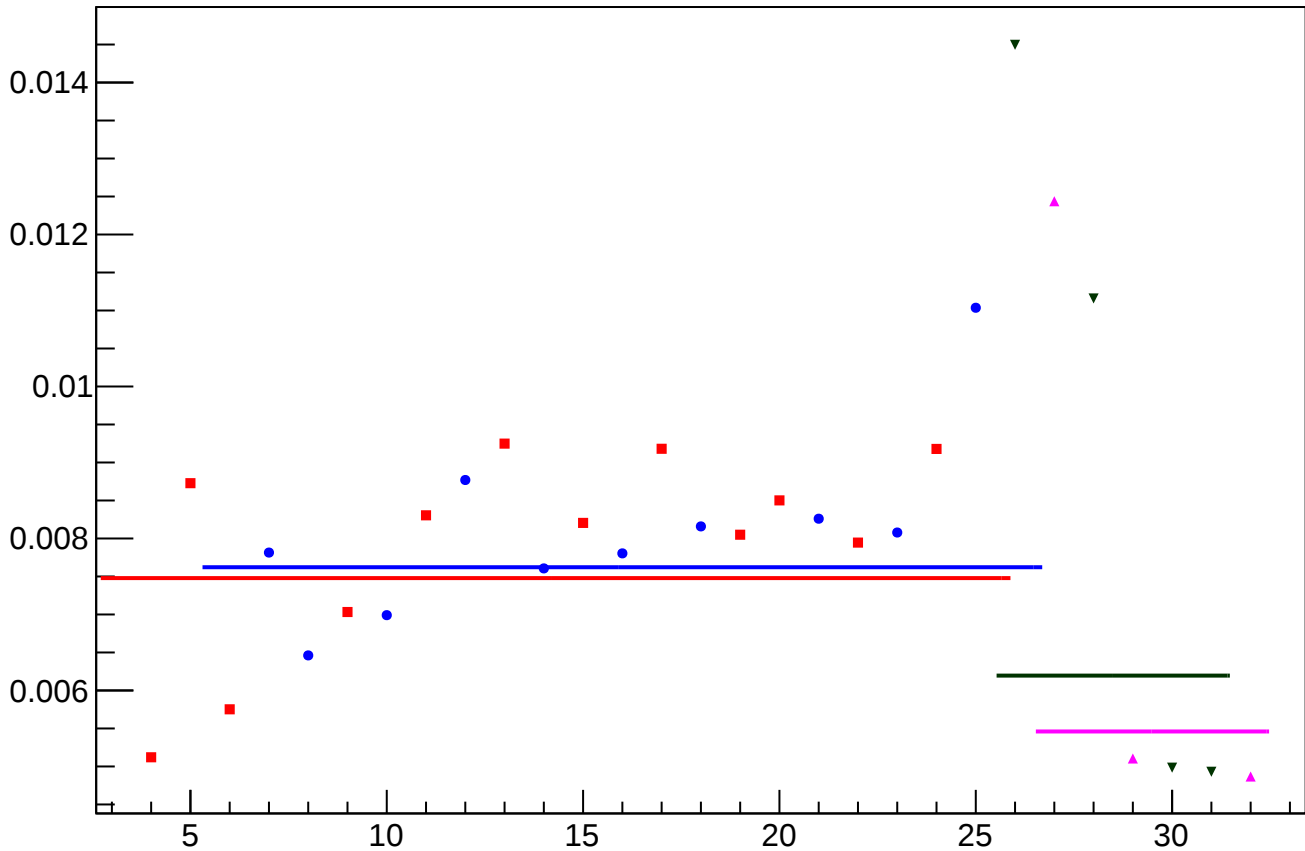
Right Out: 1.766 $\pm$ 0.000 χ^2 /NDF: 62233931.0/11

Left In: 1.495 $\pm$ 0.000 χ^2 /NDF: 189225972.8/2

1.683 $\pm$ 0.000 χ^2 /NDF: 2454181217.5/13

1.656 $\pm$ 0.000 χ^2 /NDF: 3365955181.8/14

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.006+/-0.000 χ^2/NDF : 669764.2/3

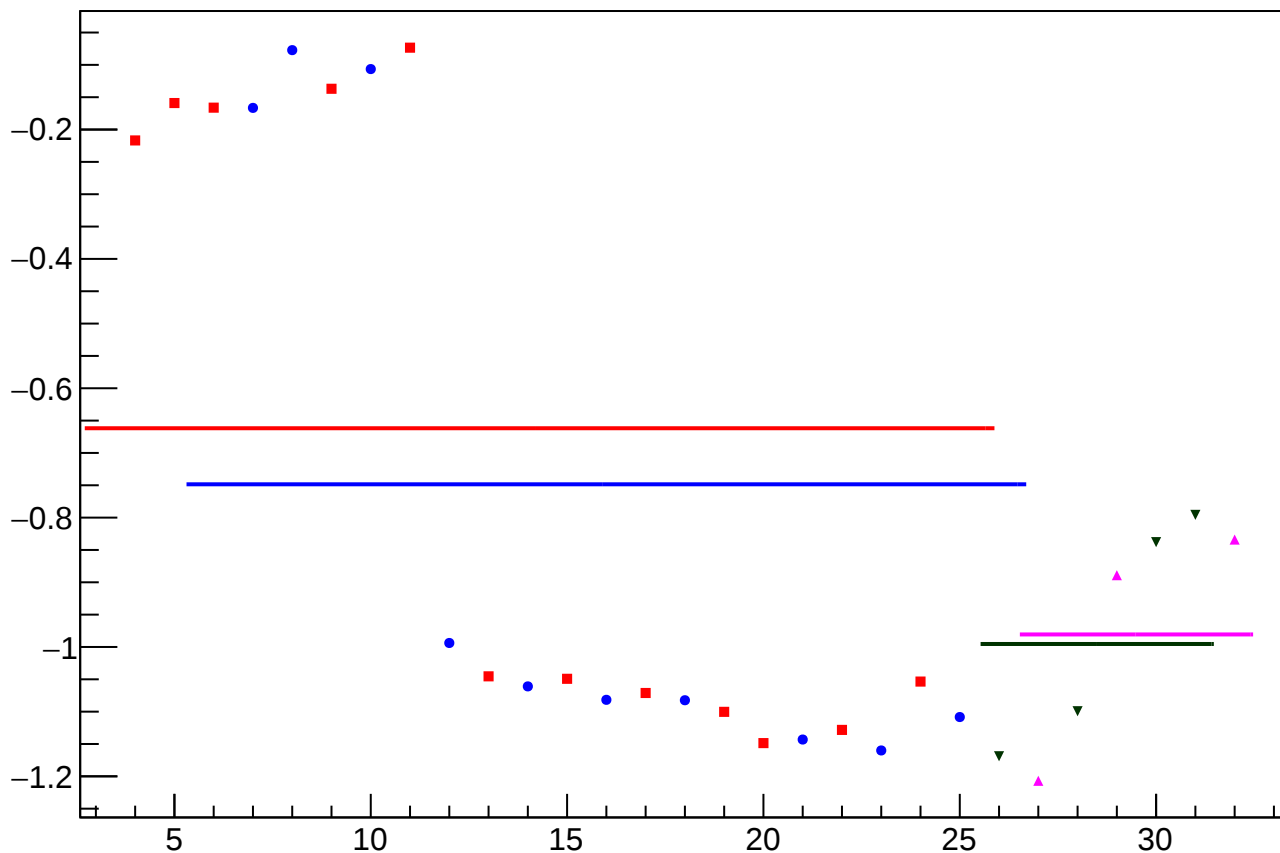
Right Out: 0.007+/-0.000 χ^2/NDF : 437086.3/11

Left In: 0.005+/-0.000 χ^2/NDF : 486761.5/2

0.007+/-0.000 χ^2/NDF : 945728.4/13

0.007+/-0.000 χ^2/NDF : 1270509.0/14

yield_bpm0l01X_mean vs slug



Right In: -0.748 ± 0.000 χ^2/NDF : 17438936914.1/9

Left Out: -0.995 ± 0.000 χ^2/NDF : 686014092.4/3

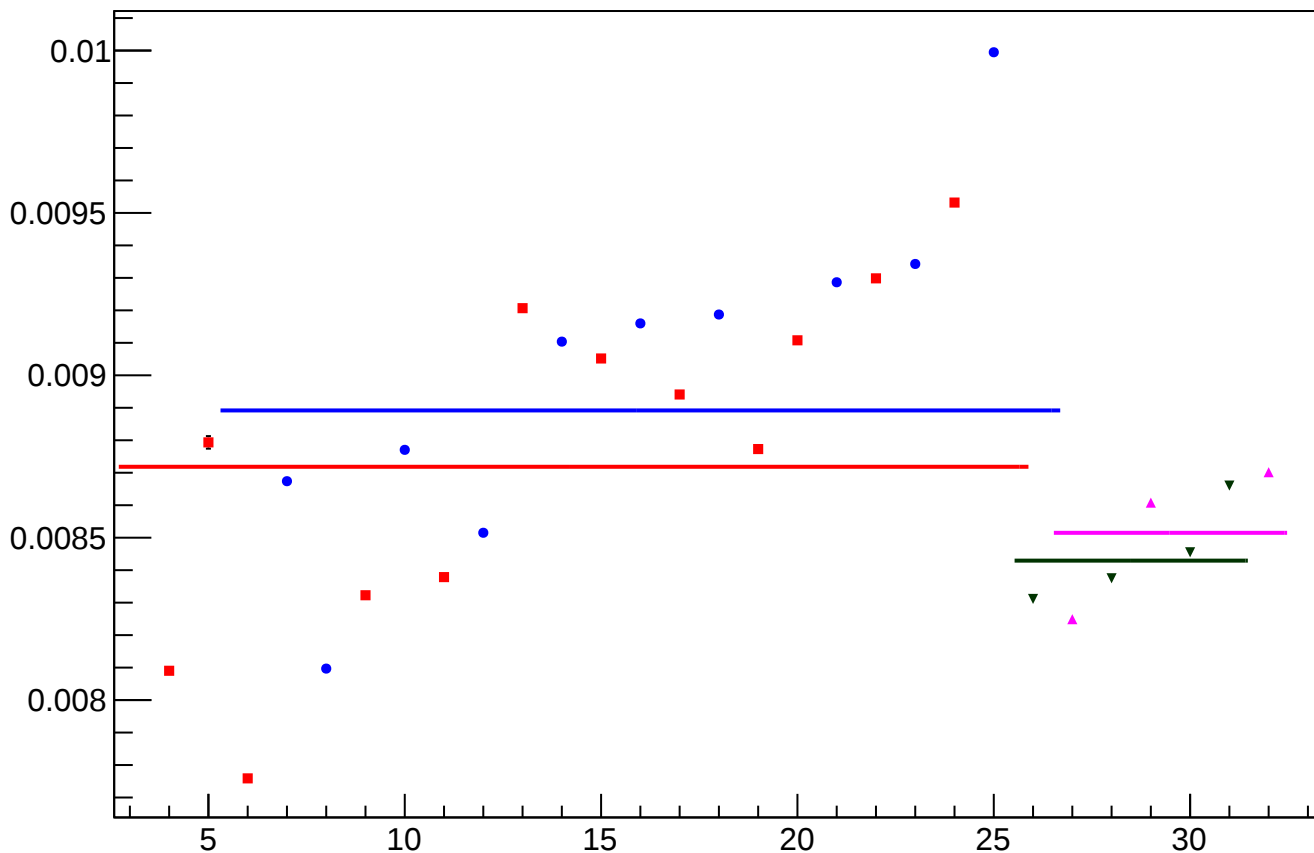
Right Out: -0.662 ± 0.000 χ^2/NDF : 17756149128.0/11

Left In: -0.981 ± 0.000 χ^2/NDF : 966165888.9/2

-0.813 ± 0.000 χ^2/NDF : 19398282860.1/13

-0.758 ± 0.000 χ^2/NDF : 21214526075.8/14

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 : 774.0/3

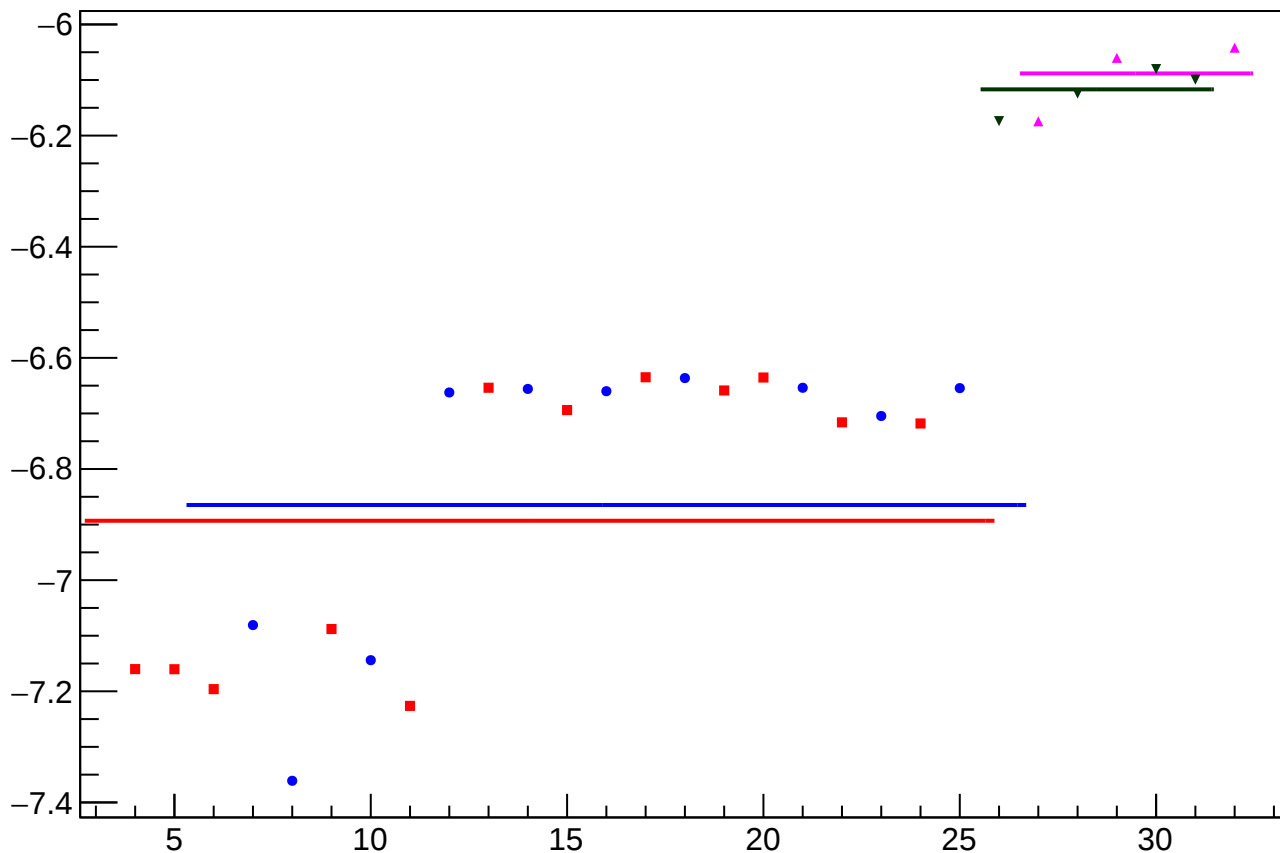
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.009+/-0.000 χ^2/NDF : 2721.5/2

0.009+/-0.000 χ^2/NDF : 44044.2/13

0.009+/-0.000 χ^2/NDF : 52400.7/14

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.117+/-0.000 χ^2/NDF : 26175184.4/3

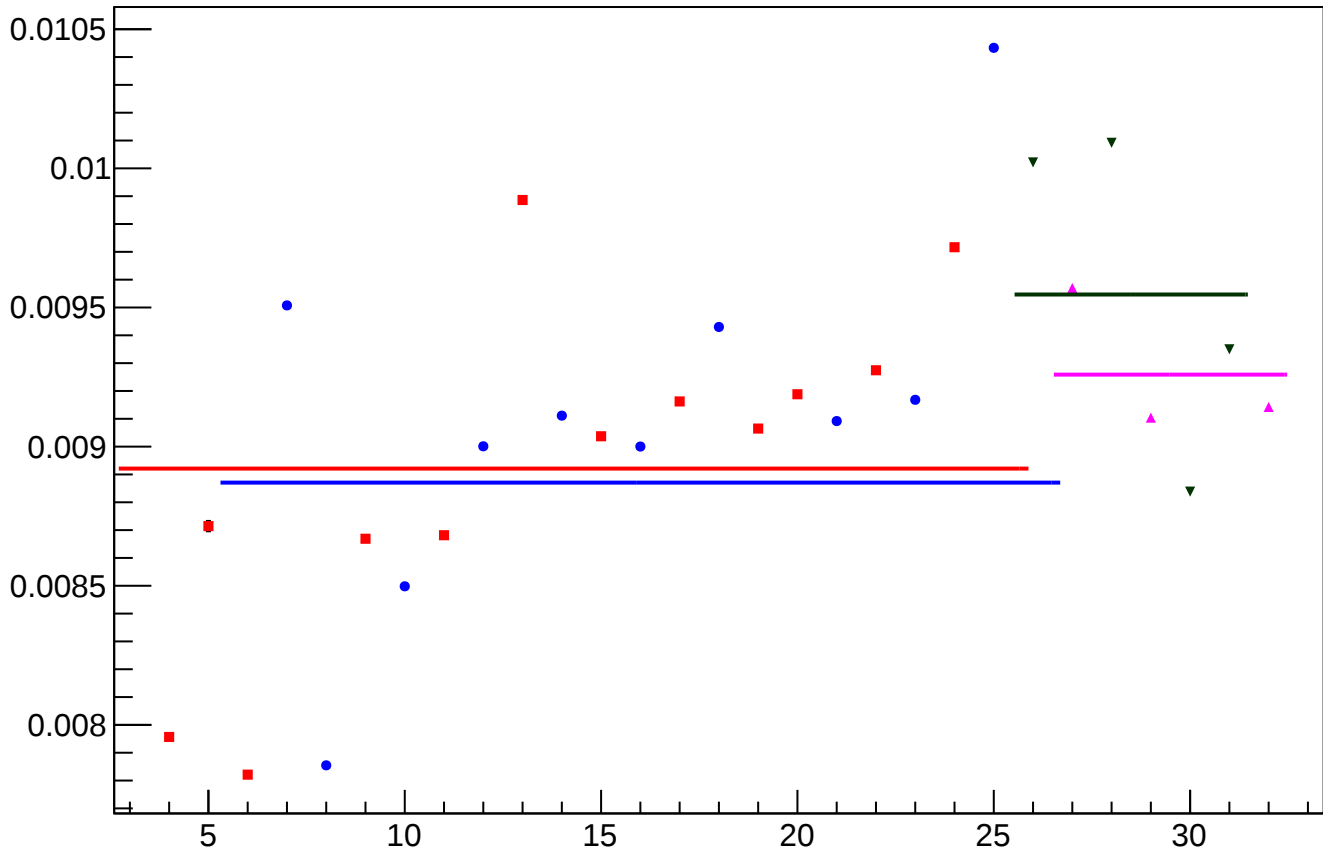
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.088+/-0.000 χ^2/NDF : 95882971.3/2

-6.704+/-0.000 χ^2/NDF : 16195804859.9/13

-6.671+/-0.000 χ^2/NDF : 18514039956.5/14

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 :12920.8/3

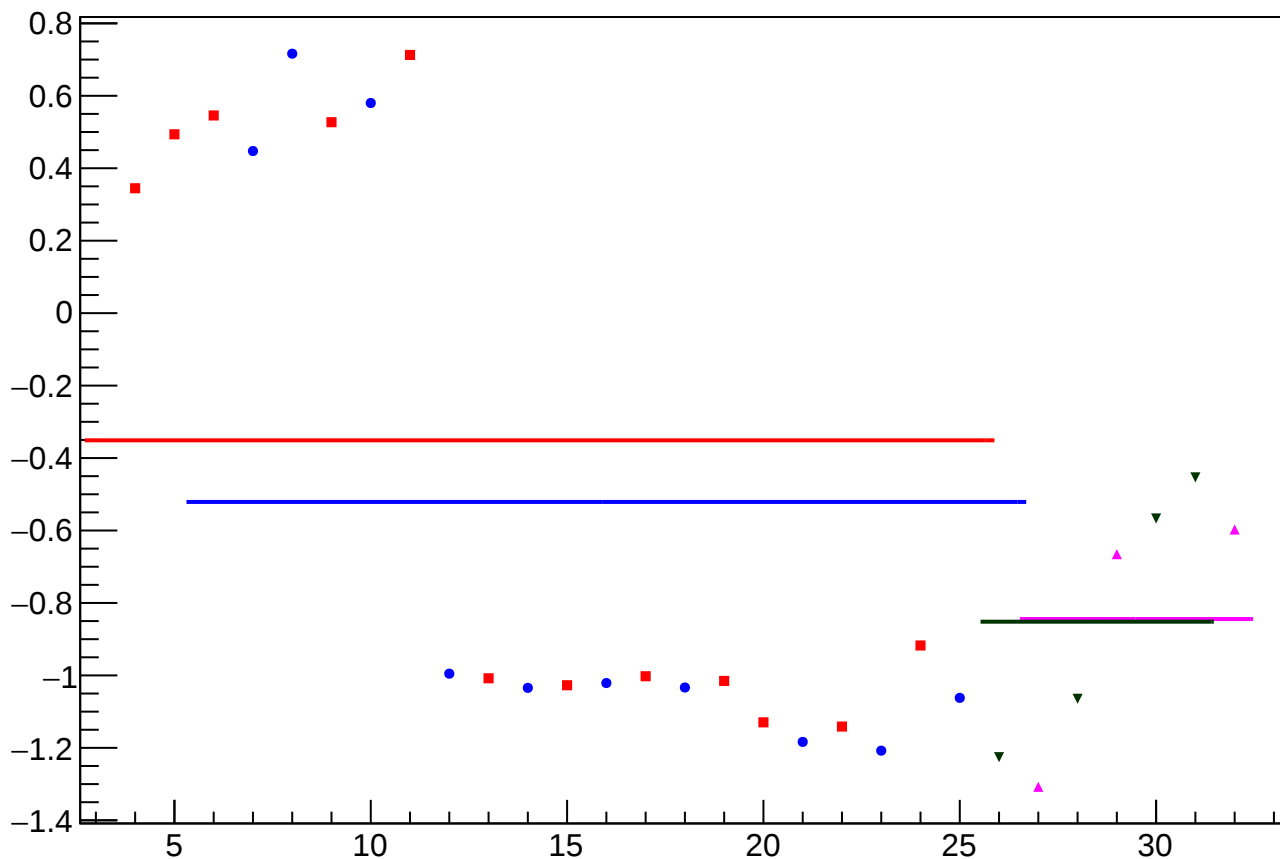
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF :2475.0/2

0.009+/-0.000 χ^2/NDF : 82470.8/13

0.009+/-0.000 χ^2/NDF : 68501.1/14

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2 /NDF: 9220973673.4/9

Left Out: -0.852+/-0.000 χ^2 /NDF: 645951406.7/3

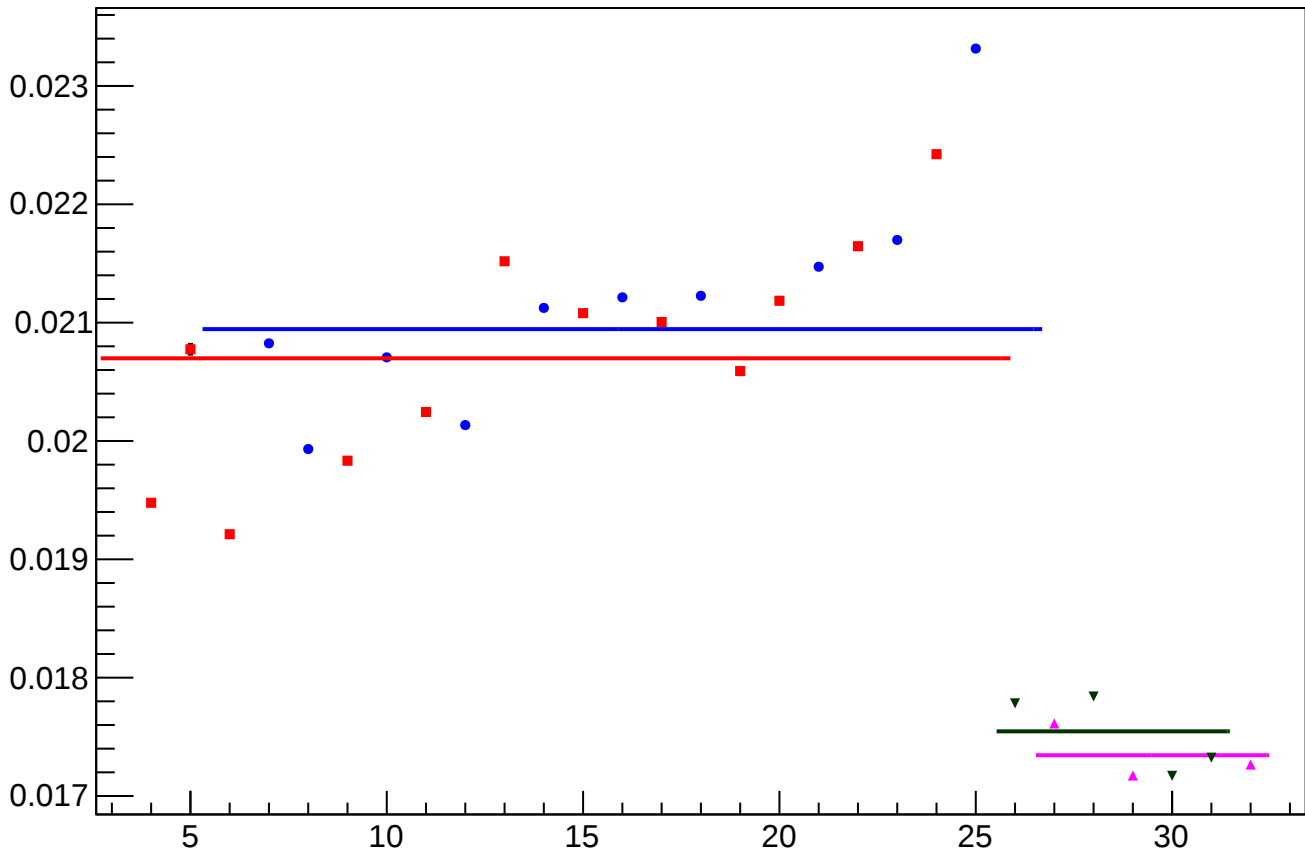
Right Out: -0.351+/-0.000 χ^2 /NDF: 8987357685.6/11

Left In: -0.844+/-0.000 χ^2 /NDF: 847229377.4/2

-0.624+/-0.000 χ^2 /NDF: 10360985047.3/13

-0.533+/-0.000 χ^2 /NDF: 11139709575.3/14

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 : 1154.5/3

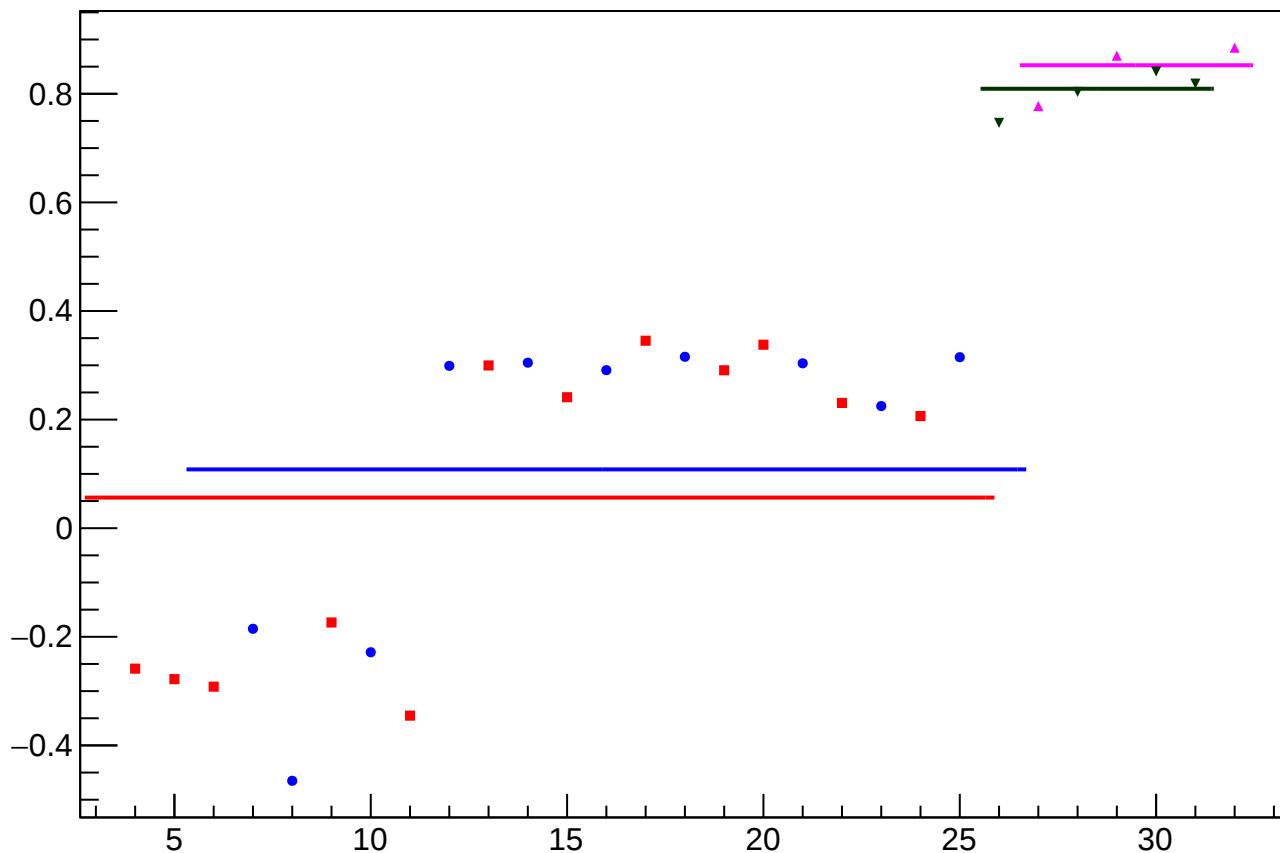
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.017+/-0.000 χ^2/NDF : 590.2/2

0.020+/-0.000 χ^2/NDF : 120185.9/13

0.019+/-0.000 χ^2/NDF : 146822.9/14

yield_bpm0l02Y_mean vs slug



Right In: 0.108 $\pm$ 0.000 χ^2/NDF : 3631955649.9/9

Left Out: 0.809 $\pm$ 0.000 χ^2/NDF :15272609.1/3

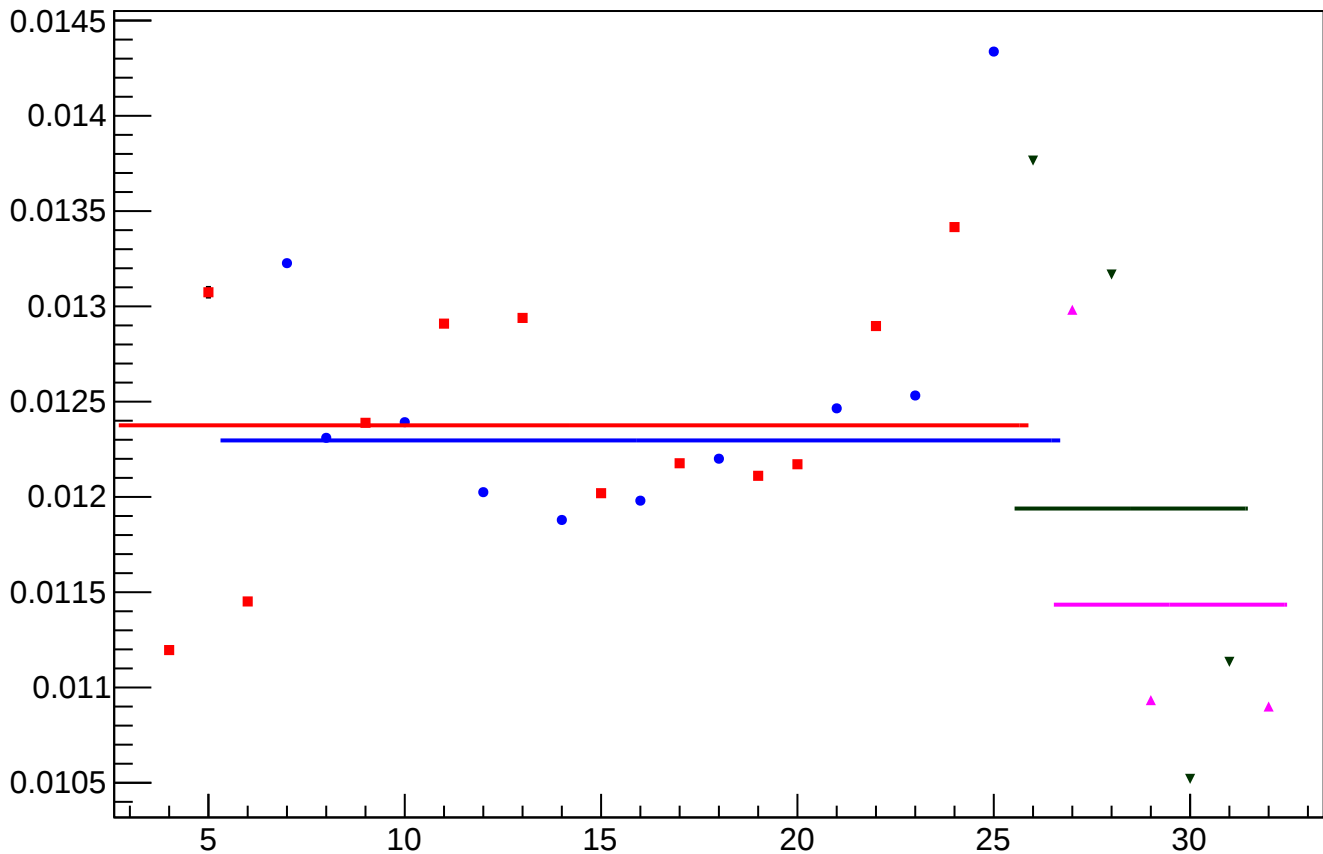
Right Out: 0.056 $\pm$ 0.000 χ^2/NDF : 2963825797.0/11

Left In: 0.853 $\pm$ 0.000 χ^2/NDF :37060956.1/2

0.285 $\pm$ 0.000 χ^2/NDF : 8790876435.4/13

0.314 $\pm$ 0.000 χ^2/NDF : 11226072300.4/14

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.012+/-0.000 χ^2/NDF : 51355.0/3

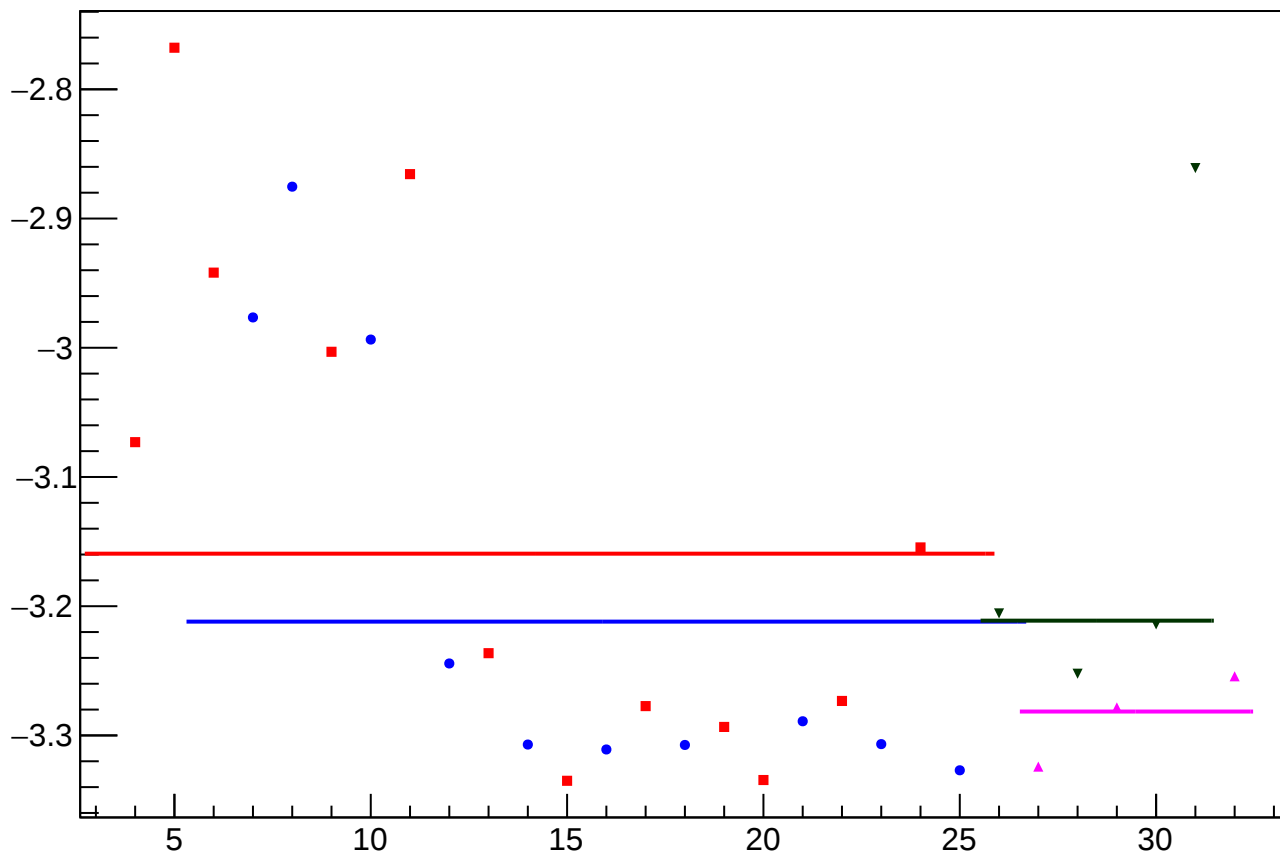
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.011+/-0.000 χ^2/NDF : 30773.1/2

0.012+/-0.000 χ^2/NDF : 71310.8/13

0.012+/-0.000 χ^2/NDF : 85314.6/14

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2 /NDF: 2232010531.1/9

Left Out: -3.211+/-0.000 χ^2 /NDF:204422918.7/3

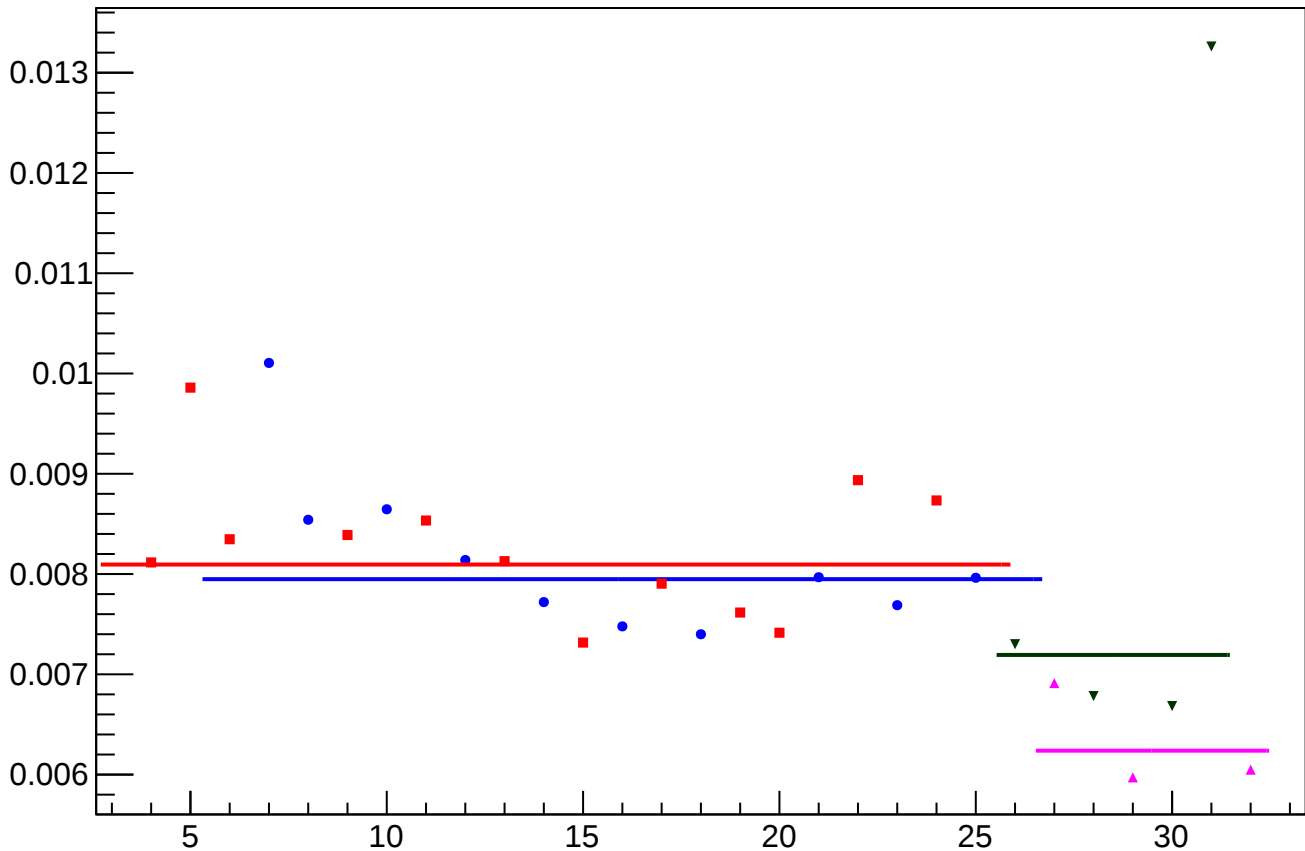
Right Out: -3.159+/-0.000 χ^2 /NDF: 2193027591.1/11

Left In: -3.282+/-0.000 χ^2 /NDF:43606195.1/2

-3.212+/-0.000 χ^2 /NDF: 2436446342.1/13

-3.212+/-0.000 χ^2 /NDF: 2747654095.2/14

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 :118400.4/3

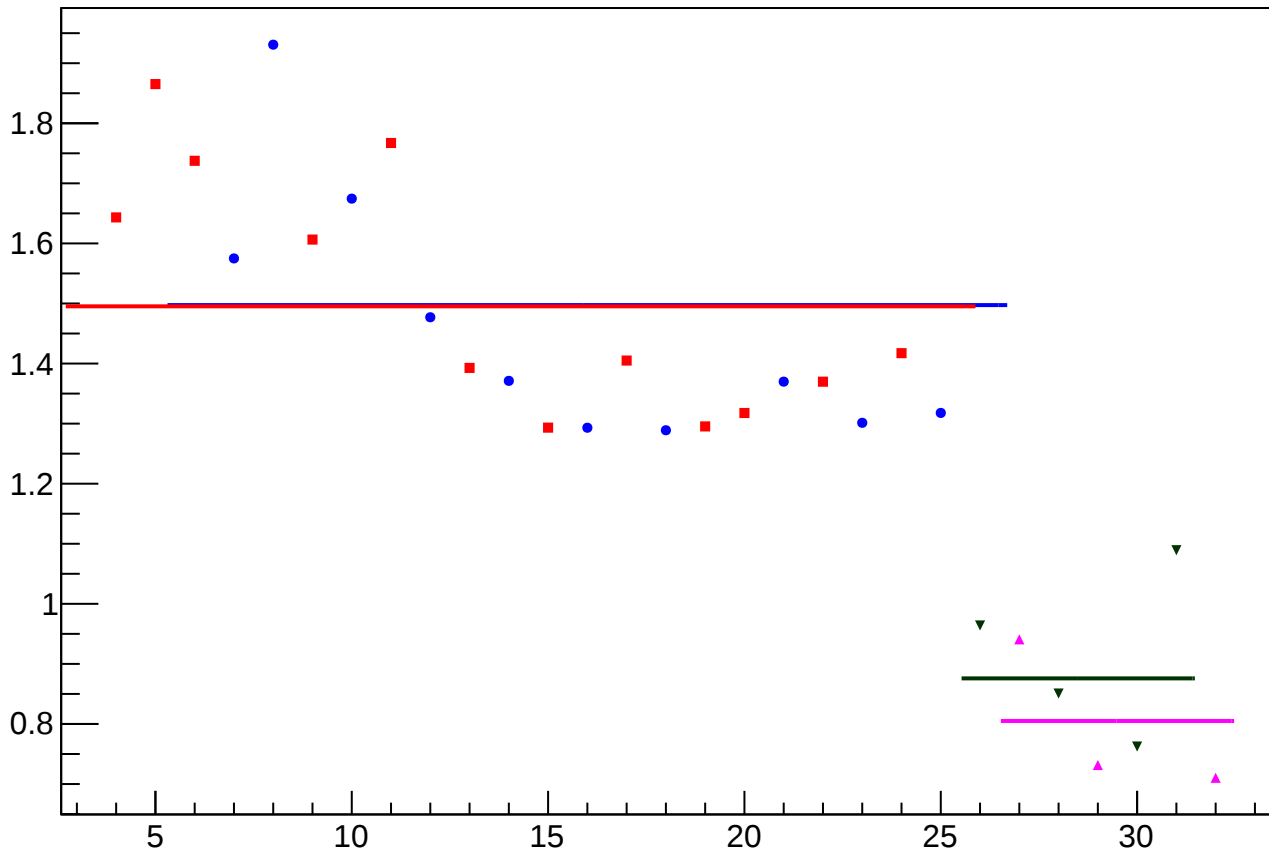
0.008+/-0.000 χ^2/NDF : 187076.0/13

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

0.007+/-0.000 χ^2/NDF : 296216.5/14

Left In: 0.006+/-0.000 χ^2/NDF :18709.0/2

yield_bpm0l03Y_mean vs slug



Right In: 1.497 $\pm$ 0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.876 $\pm$ 0.000 χ^2/NDF : 156911948.7/3

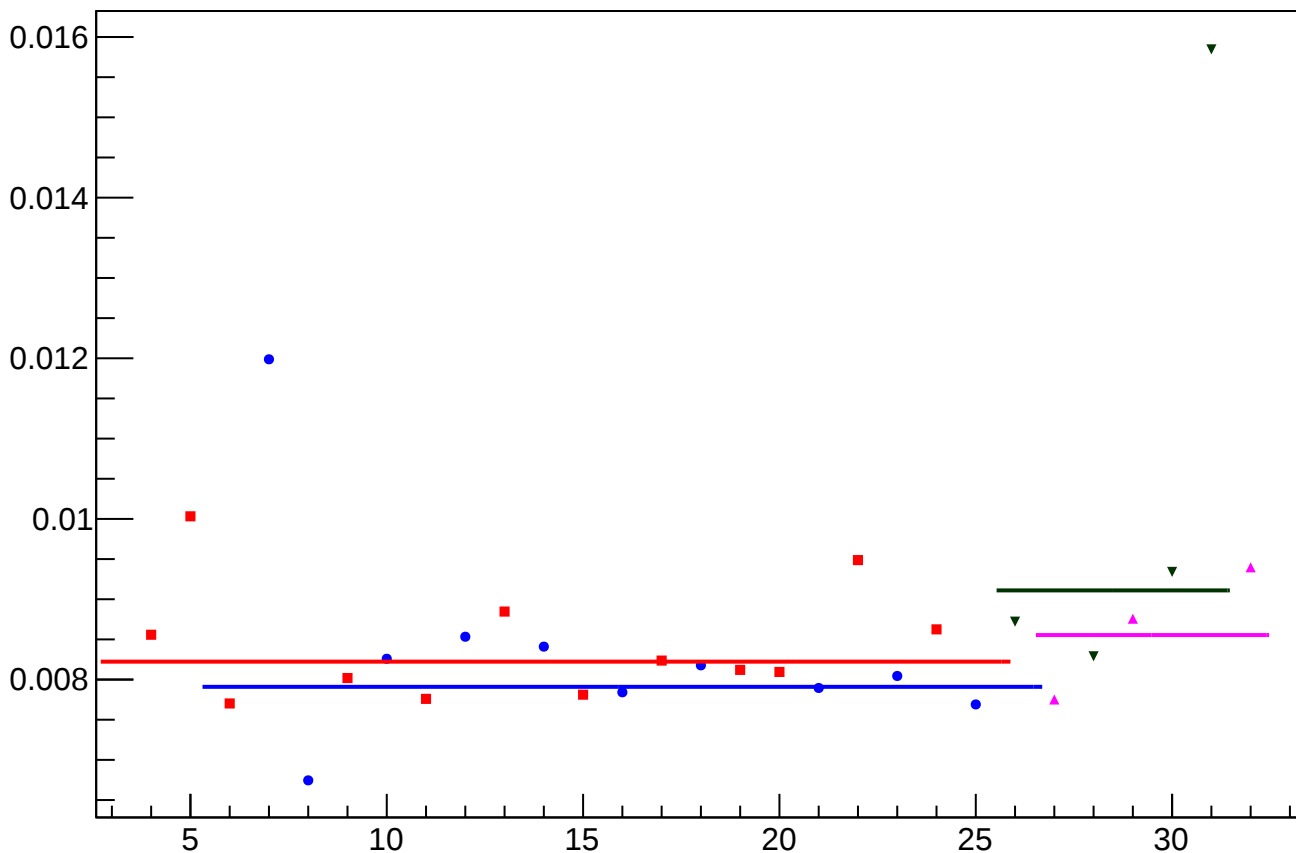
1.386 $\pm$ 0.000 χ^2/NDF : 11182466414.2/13

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

1.292 $\pm$ 0.000 χ^2/NDF : 13345756216.6/14

Left In: 0.805 $\pm$ 0.000 χ^2/NDF : 356179594.6/2

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 :112895.6/3

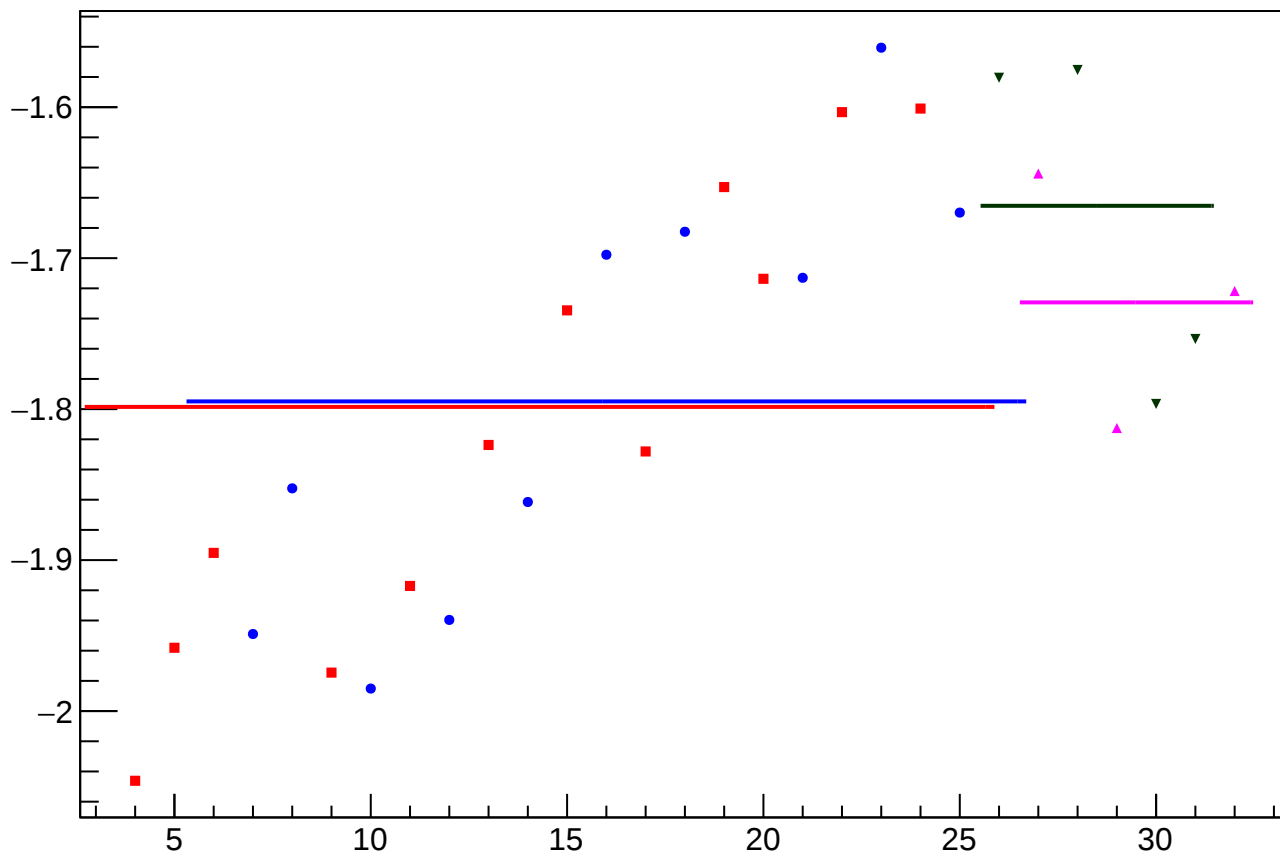
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-0.000 χ^2/NDF :28620.4/2

0.008+/-0.000 χ^2/NDF : 249252.4/13

0.008+/-0.000 χ^2/NDF : 71662.3/14

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.665+/-0.000 χ^2/NDF : 143122154.2/3

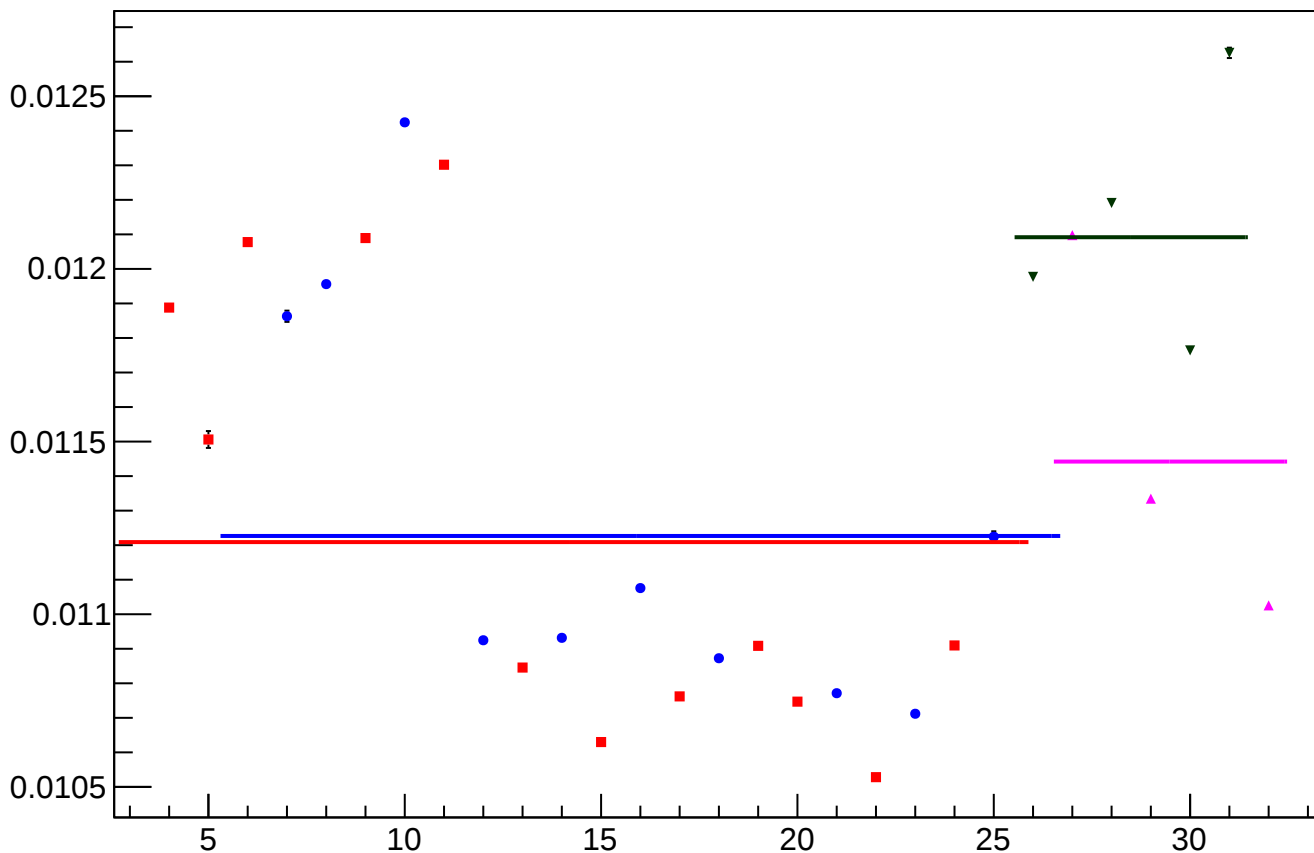
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.729+/-0.000 χ^2/NDF : 87227626.8/2

-1.767+/-0.000 χ^2/NDF : 1161472885.5/13

-1.779+/-0.000 χ^2/NDF : 1085364317.9/14

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 : 2255.4/3

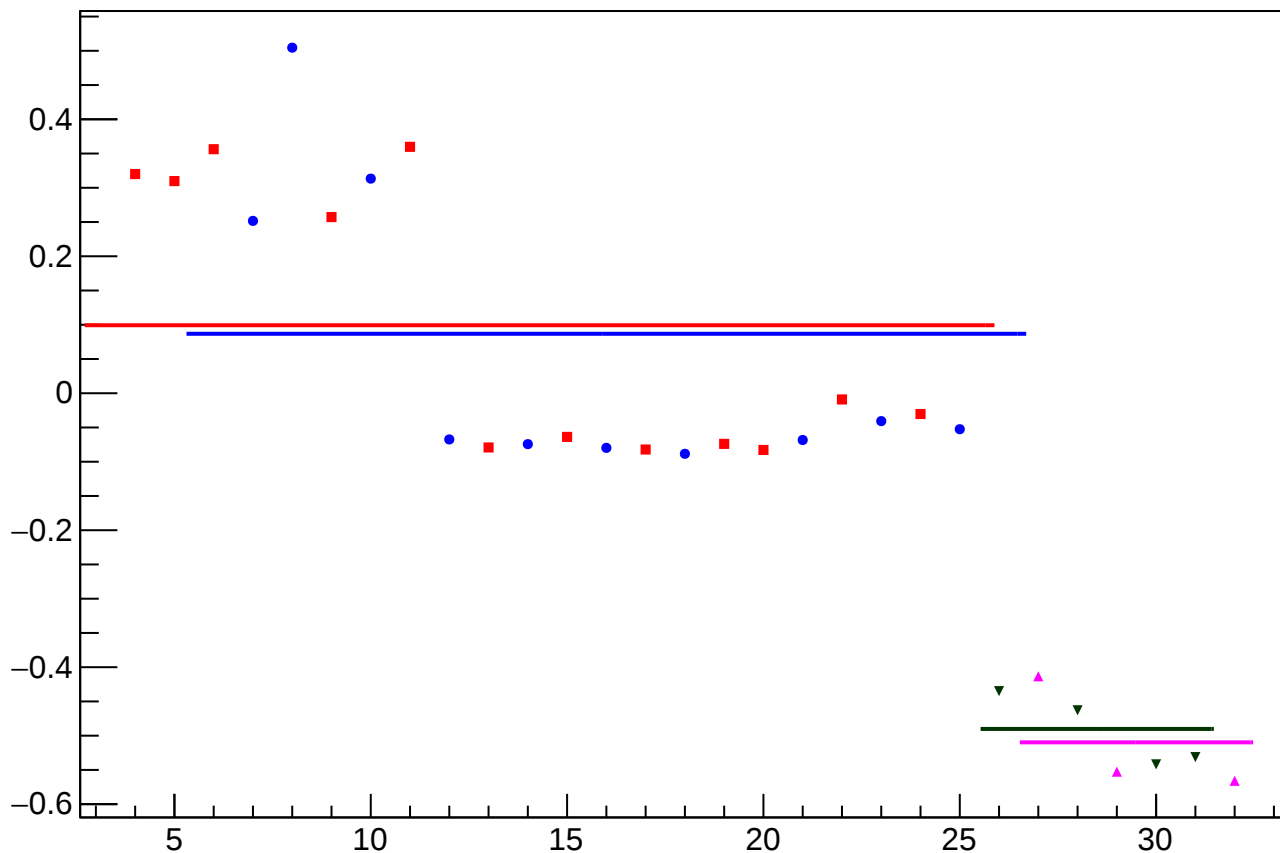
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

Left In: 0.011+/-0.000 χ^2/NDF : 7602.4/2

0.011+/-0.000 χ^2/NDF : 50758.7/13

0.011+/-0.000 χ^2/NDF : 50243.5/14

yield_bpm0l04Y_mean vs slug



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

Left Out: -0.490+/-0.000 χ^2/NDF : 66663488.6/3

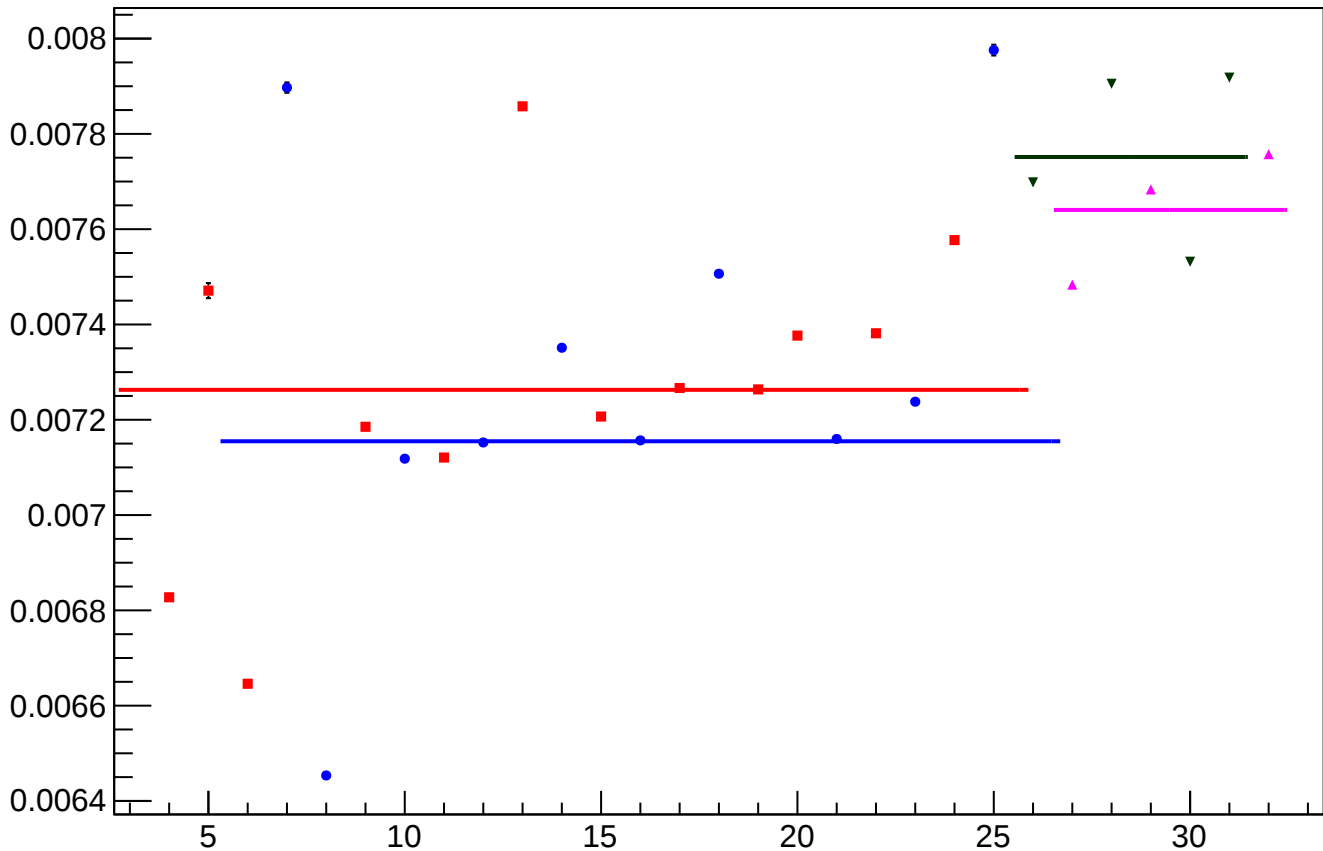
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.510+/-0.000 χ^2/NDF : 208332534.7/2

-0.036+/-0.000 χ^2/NDF : 15332623174.9/13

-0.066+/-0.000 χ^2/NDF : 16149243868.0/14

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 :1736.4/3

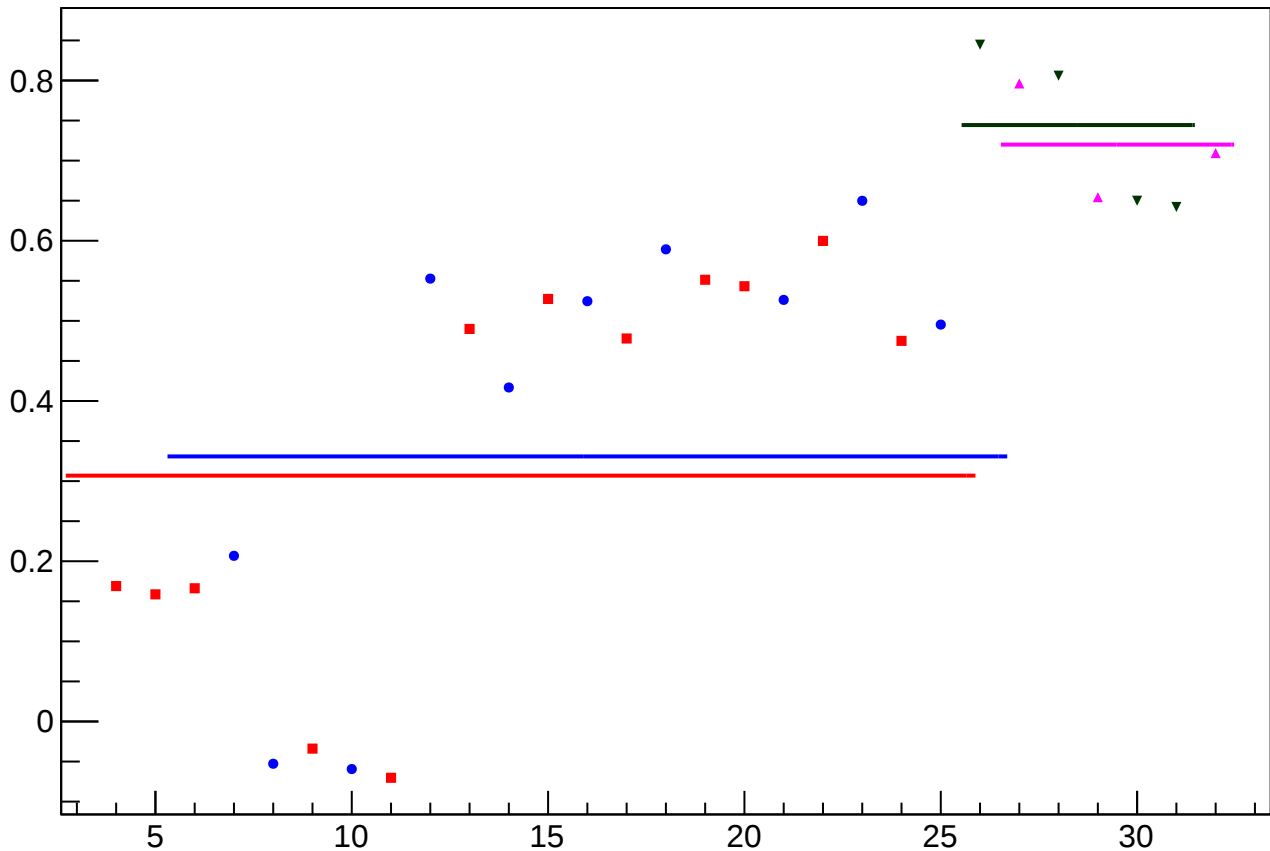
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-0.000 χ^2/NDF :1172.7/2

0.007+/-0.000 χ^2/NDF : 55307.7/13

0.007+/-0.000 χ^2/NDF : 35627.5/14

yield_bpm0l05X_mean vs slug



Right In: 0.331 $\pm$ 0.000 χ^2 /NDF: 10288533334.9/9

Left Out: 0.744 $\pm$ 0.000 χ^2 /NDF: 355977085.4/3

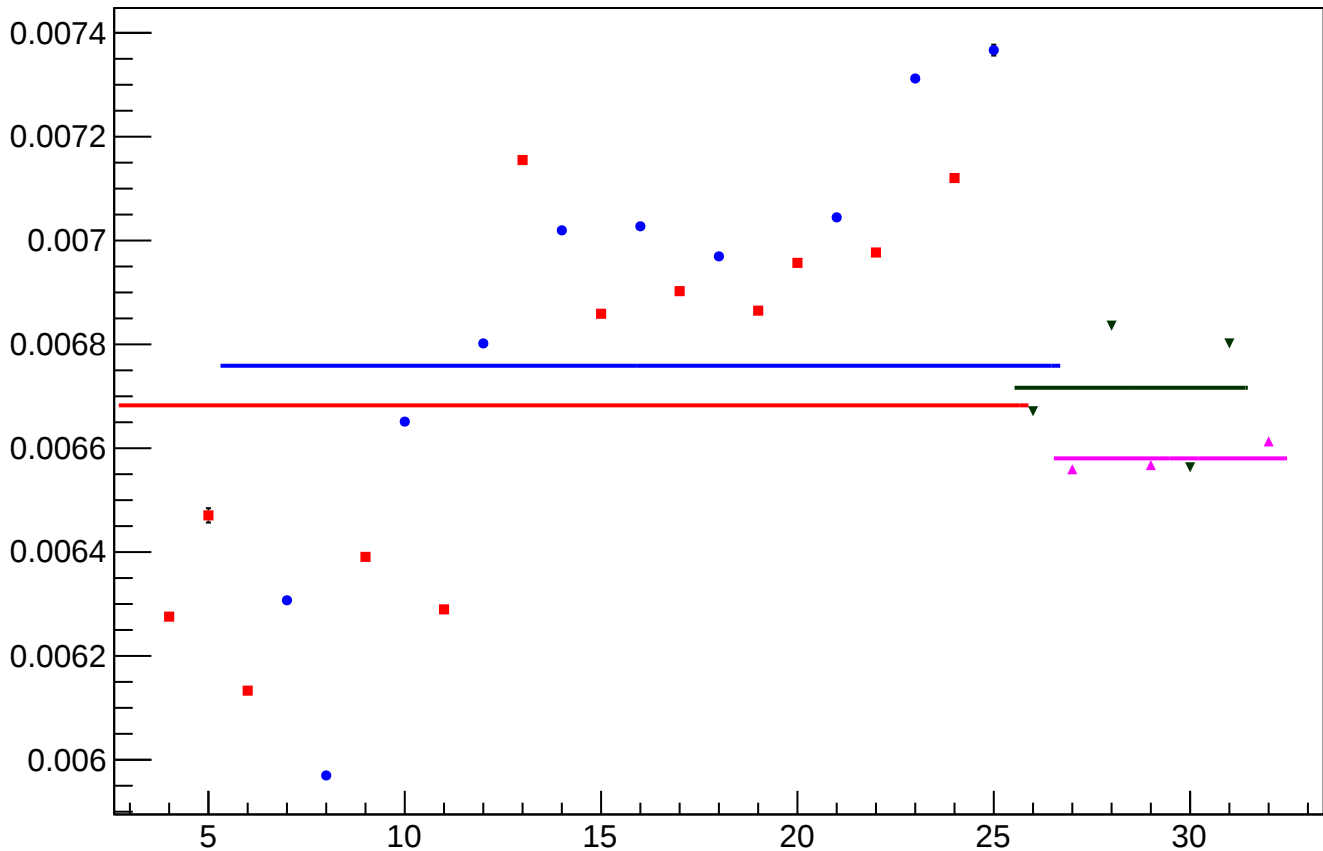
0.433 $\pm$ 0.000 χ^2 /NDF: 16487509264.6/13

Right Out: 0.307 $\pm$ 0.000 χ^2 /NDF: 8592627222.1/11

0.430 $\pm$ 0.000 χ^2 /NDF: 15856555327.3/14

Left In: 0.720 $\pm$ 0.000 χ^2 /NDF: 199496388.4/2

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 :1149.7/3

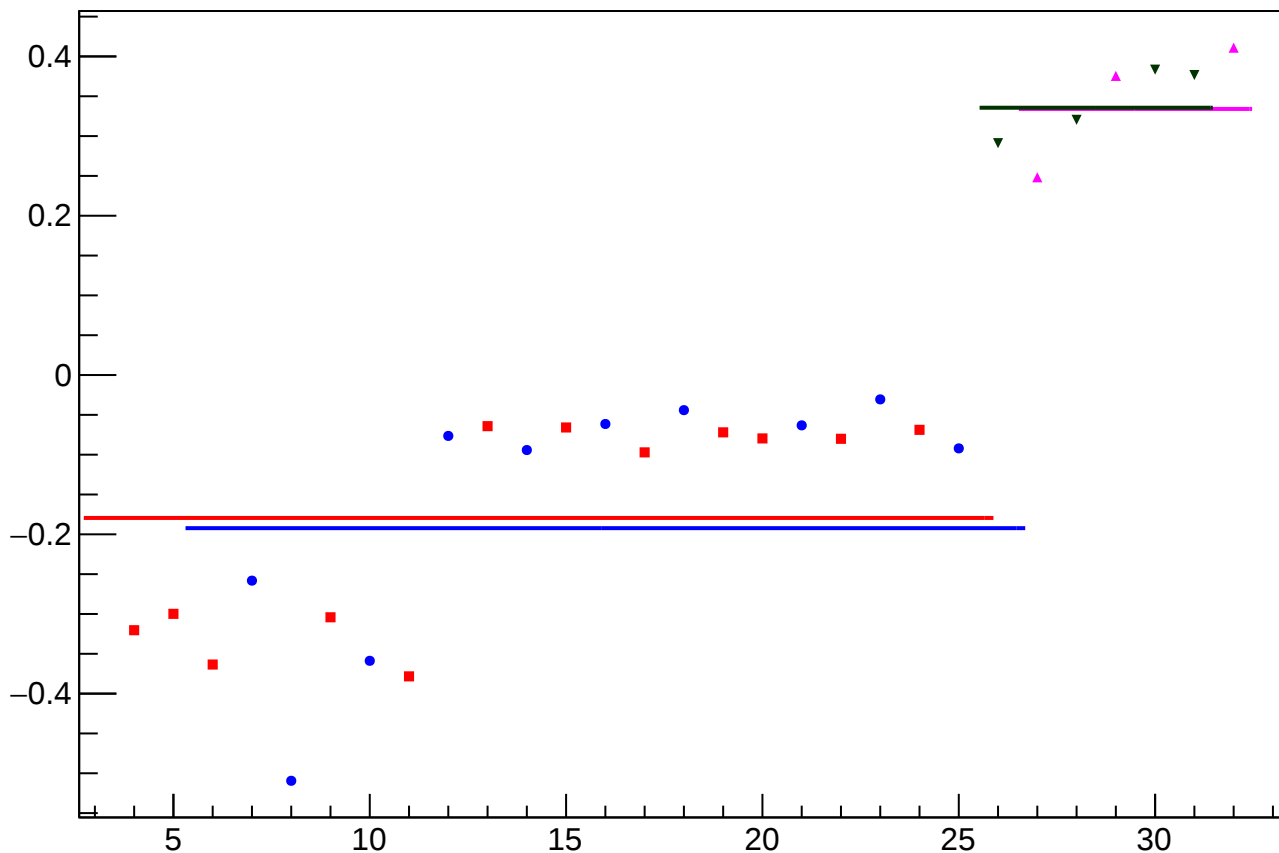
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF :66.3/2

0.007+/-0.000 χ^2/NDF : 52372.8/13

0.007+/-0.000 χ^2/NDF : 38852.4/14

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.336+/-0.000 χ^2/NDF : 91591128.4/3

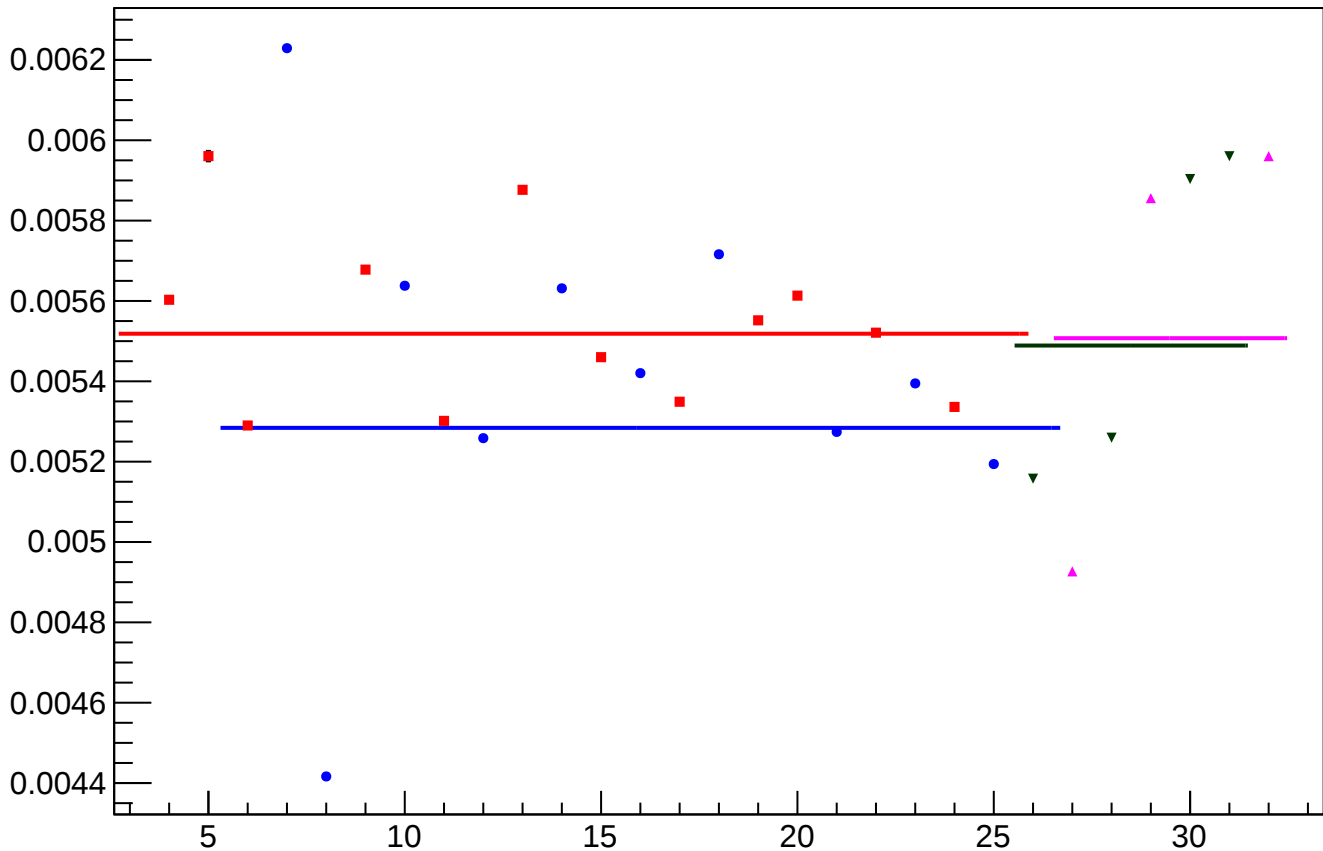
-0.073+/-0.000 χ^2/NDF : 21560650238.5/13

Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

-0.030+/-0.000 χ^2/NDF : 19269376816.3/14

Left In: 0.334+/-0.000 χ^2/NDF : 432594061.8/2

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 :15807.1/3

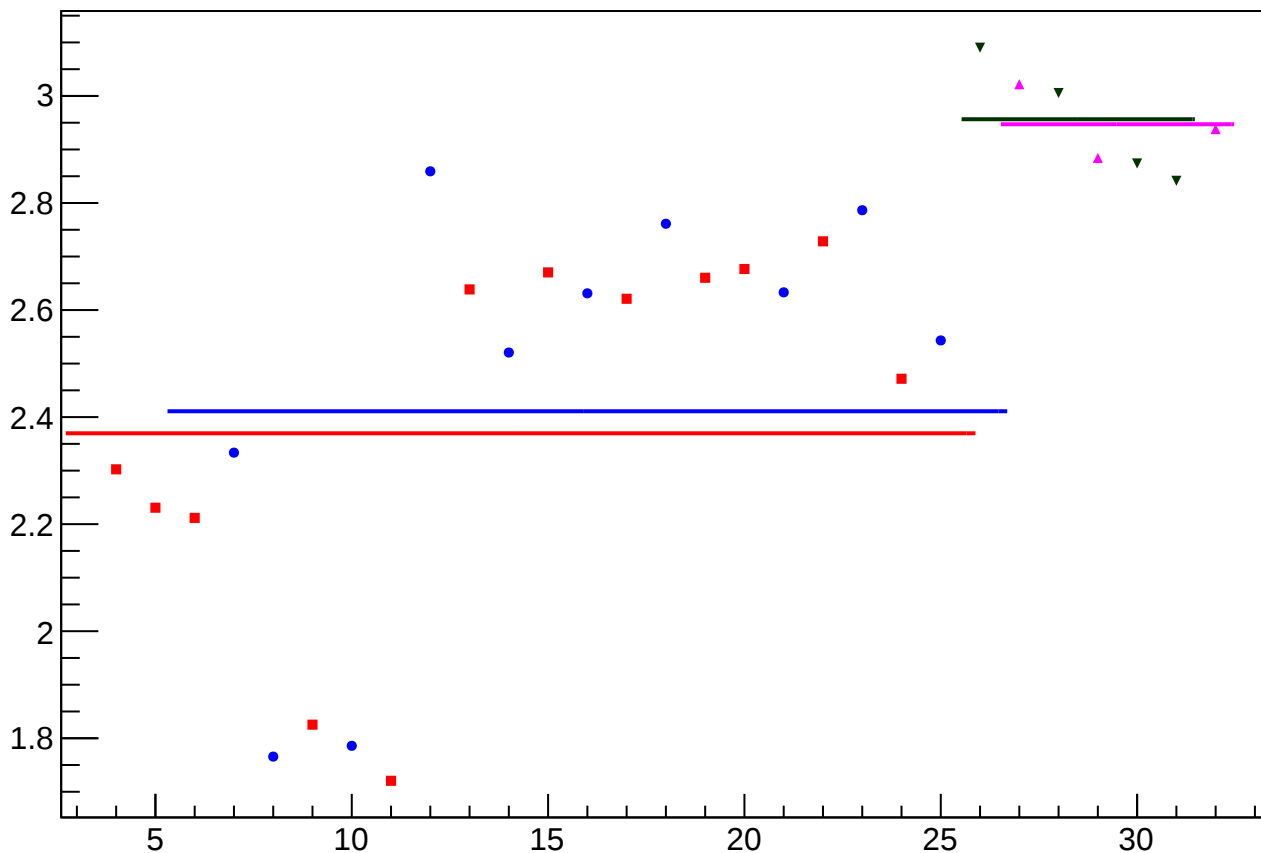
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.006+/-0.000 χ^2/NDF :38462.4/2

0.005+/-0.000 χ^2/NDF : 121320.7/13

0.006+/-0.000 χ^2/NDF : 54359.1/14

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 2.957+/-0.000 χ^2/NDF : 204702303.3/3

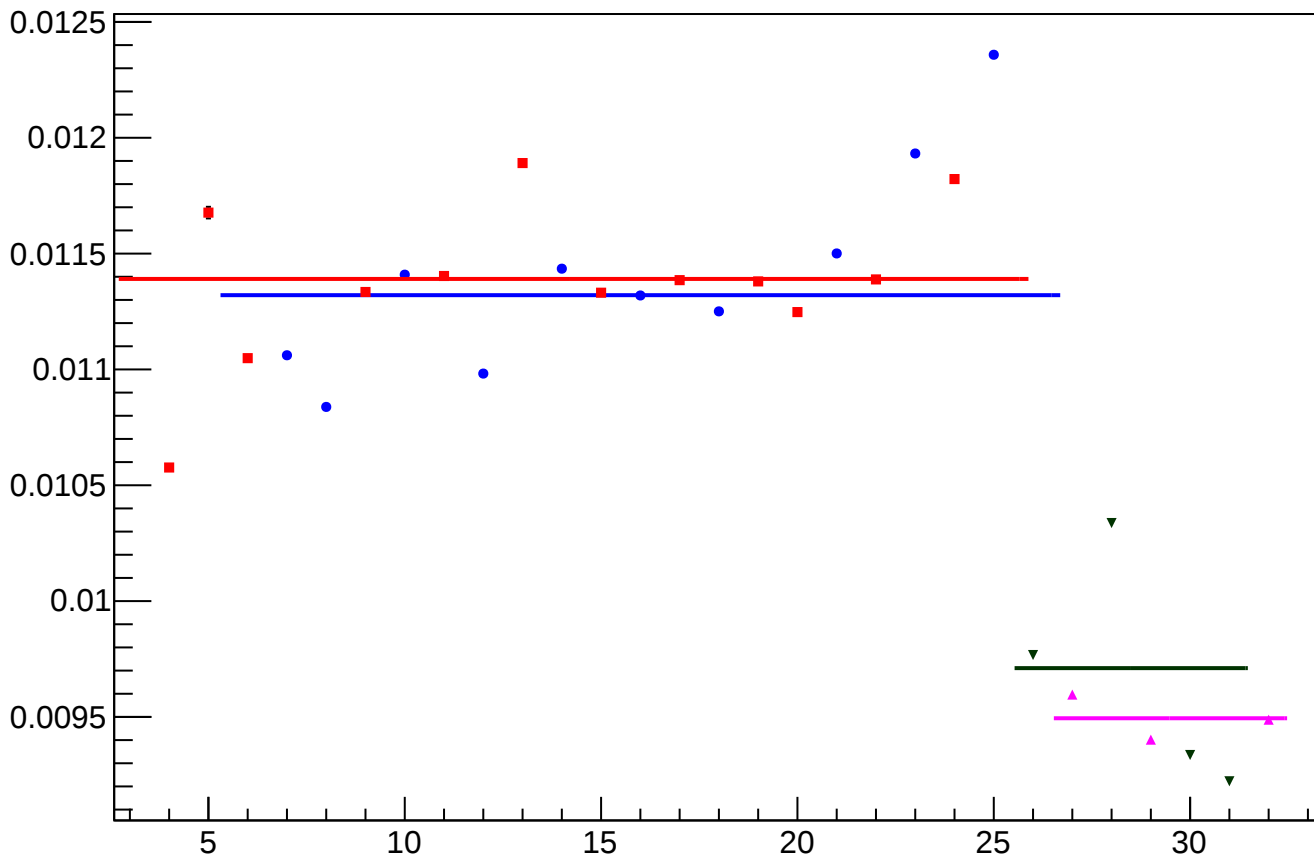
2.579+/-0.000 χ^2/NDF : 13029606100.4/13

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.585+/-0.000 χ^2/NDF : 12173587485.6/14

Left In: 2.947+/-0.000 χ^2/NDF : 90052367.7/2

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 : 8939.0/3

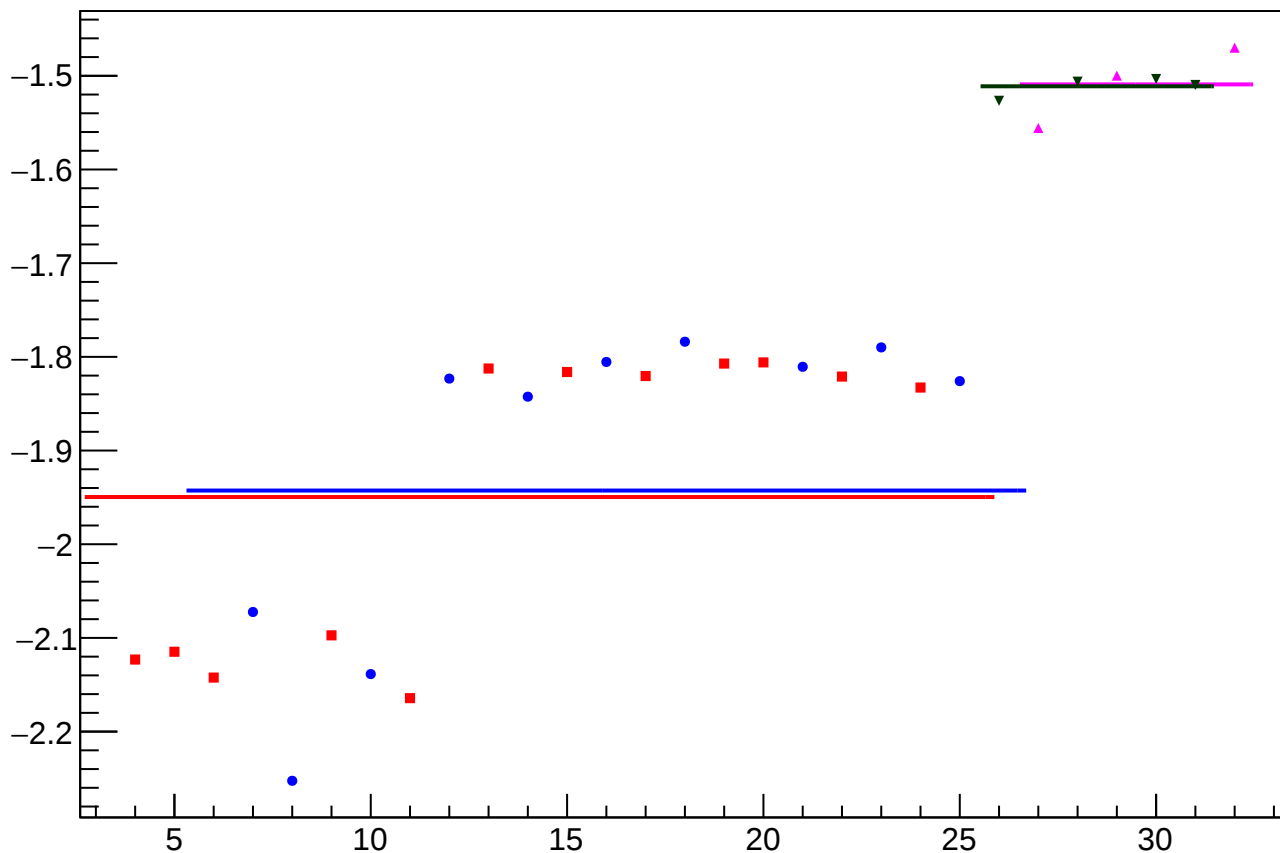
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.009+/-0.000 χ^2/NDF : 355.9/2

0.011+/-0.000 χ^2/NDF : 99606.0/13

0.011+/-0.000 χ^2/NDF : 138894.2/14

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.511+/-0.000 χ^2/NDF : 6180695.2/3

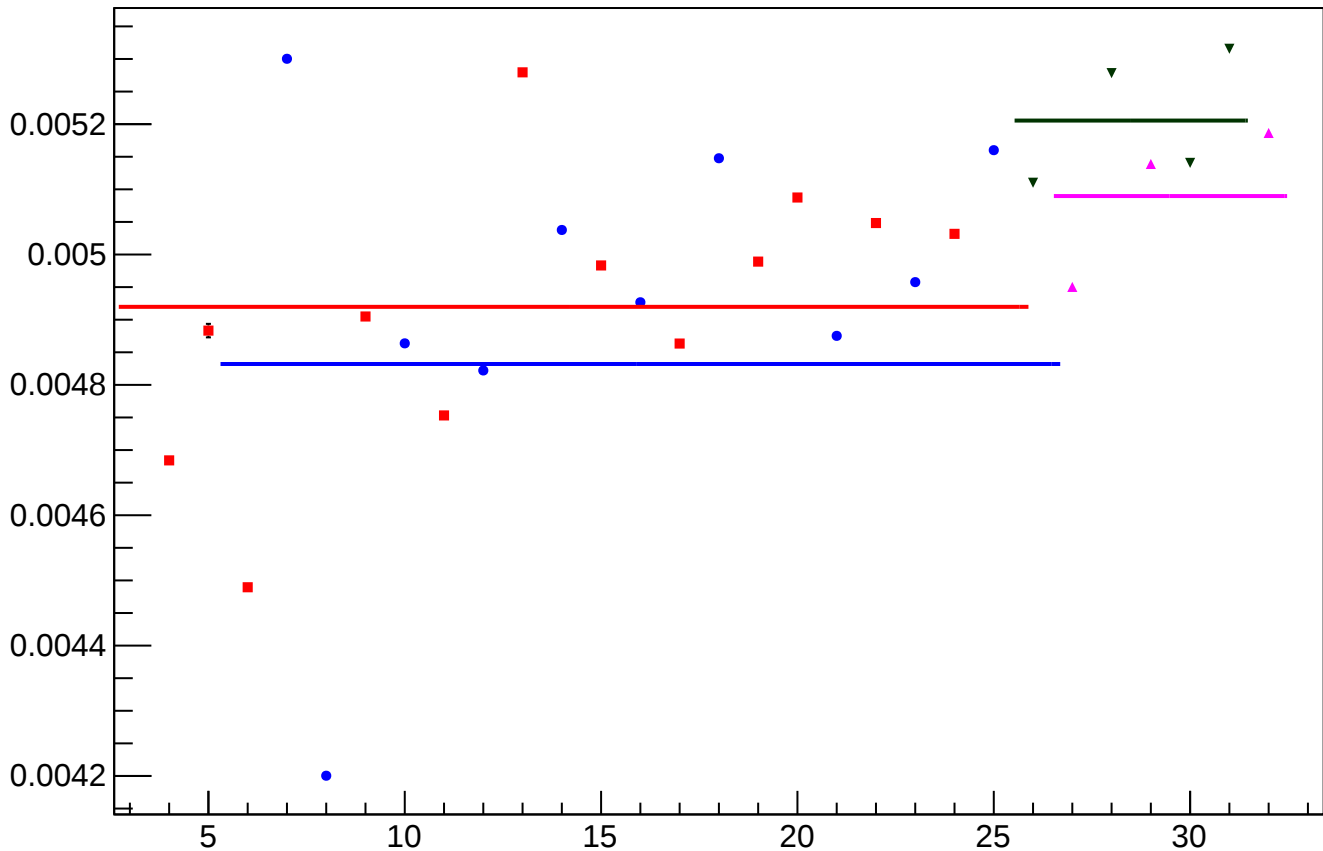
Right Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.509+/-0.000 χ^2/NDF : 125224250.3/2

-1.850+/-0.000 χ^2/NDF : 19934031948.4/13

-1.827+/-0.000 χ^2/NDF : 19978175723.3/14

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 : 1048.8/3

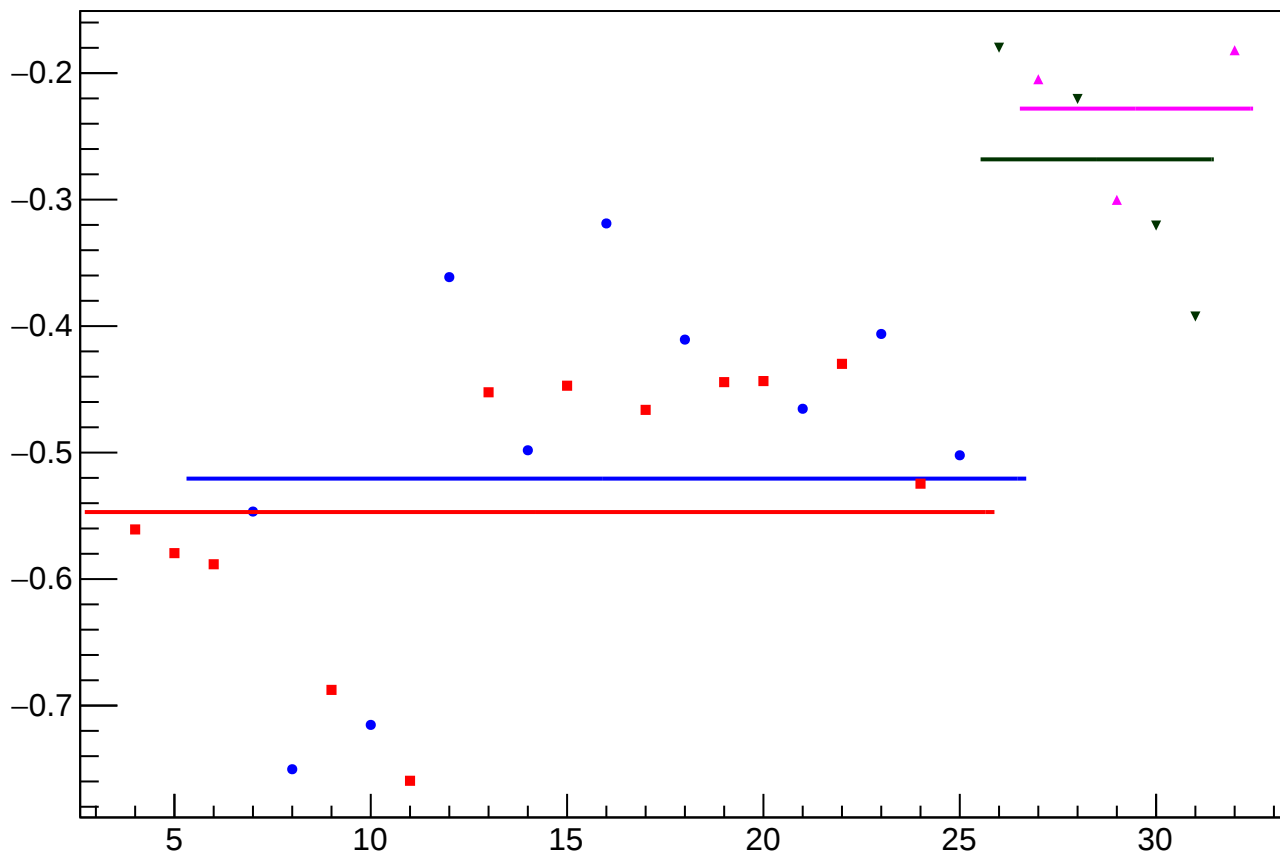
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 2067.3/2

0.005+/-0.000 χ^2/NDF : 72397.0/13

0.005+/-0.000 χ^2/NDF : 29972.2/14

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.268+/-0.000 χ^2/NDF : 57293868.9/3

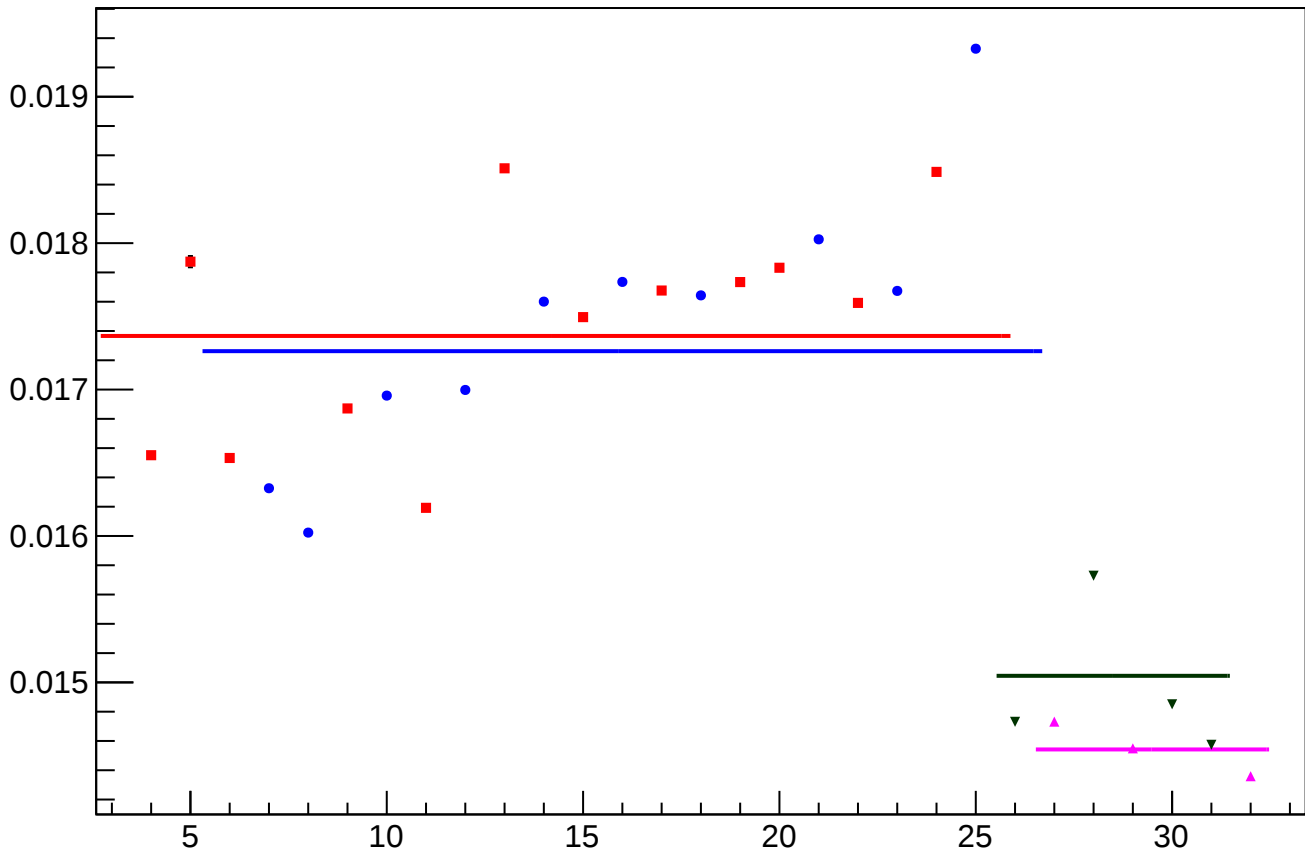
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.228+/-0.000 χ^2/NDF : 31949429.5/2

-0.443+/-0.000 χ^2/NDF : 943088074.1/13

-0.428+/-0.000 χ^2/NDF : 1077172248.8/14

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 : 4109.8/3

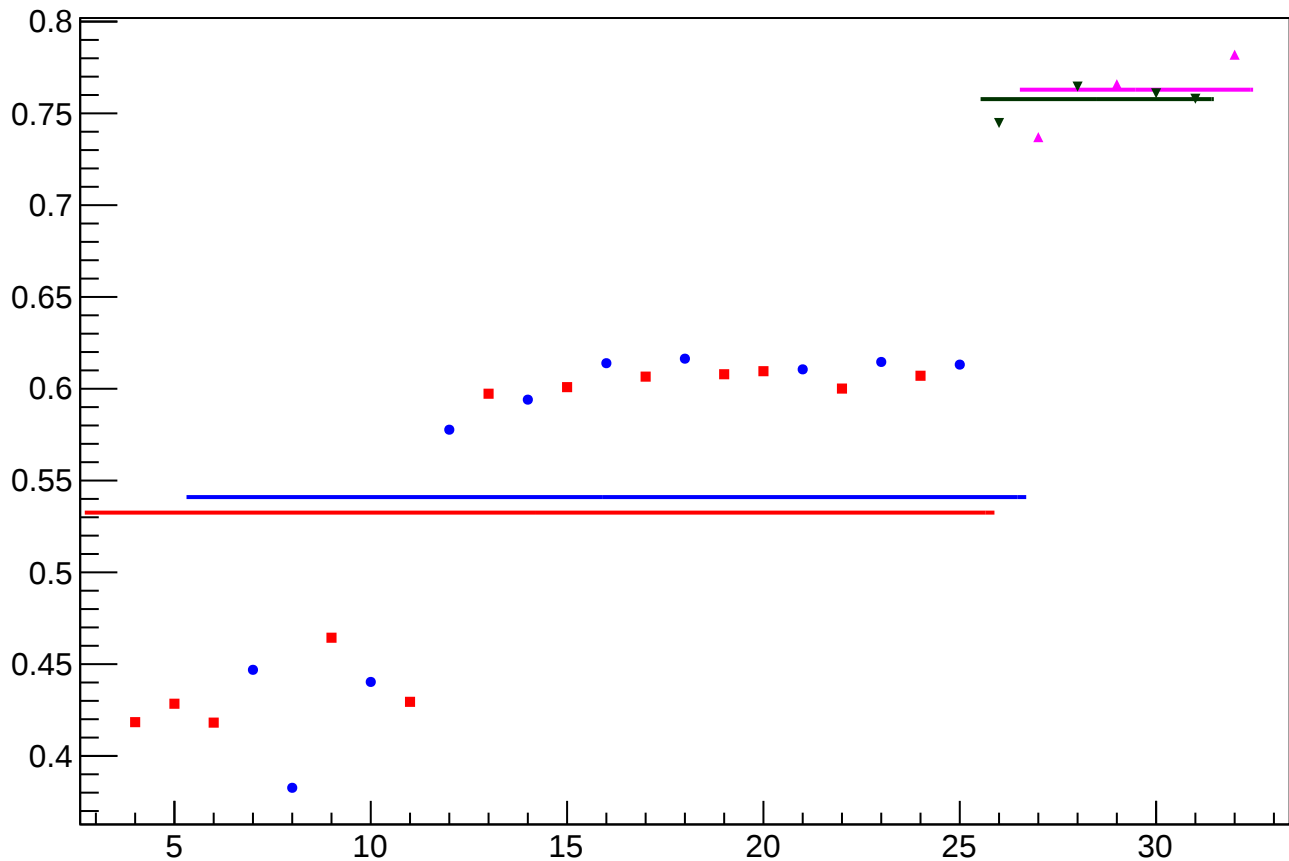
0.017+/-0.000 χ^2/NDF : 91893.3/13

Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

0.016+/-0.000 χ^2/NDF : 147370.7/14

Left In: 0.015+/-0.000 χ^2/NDF : 568.8/2

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.758+/-0.000 χ^2/NDF : 10418376.1/3

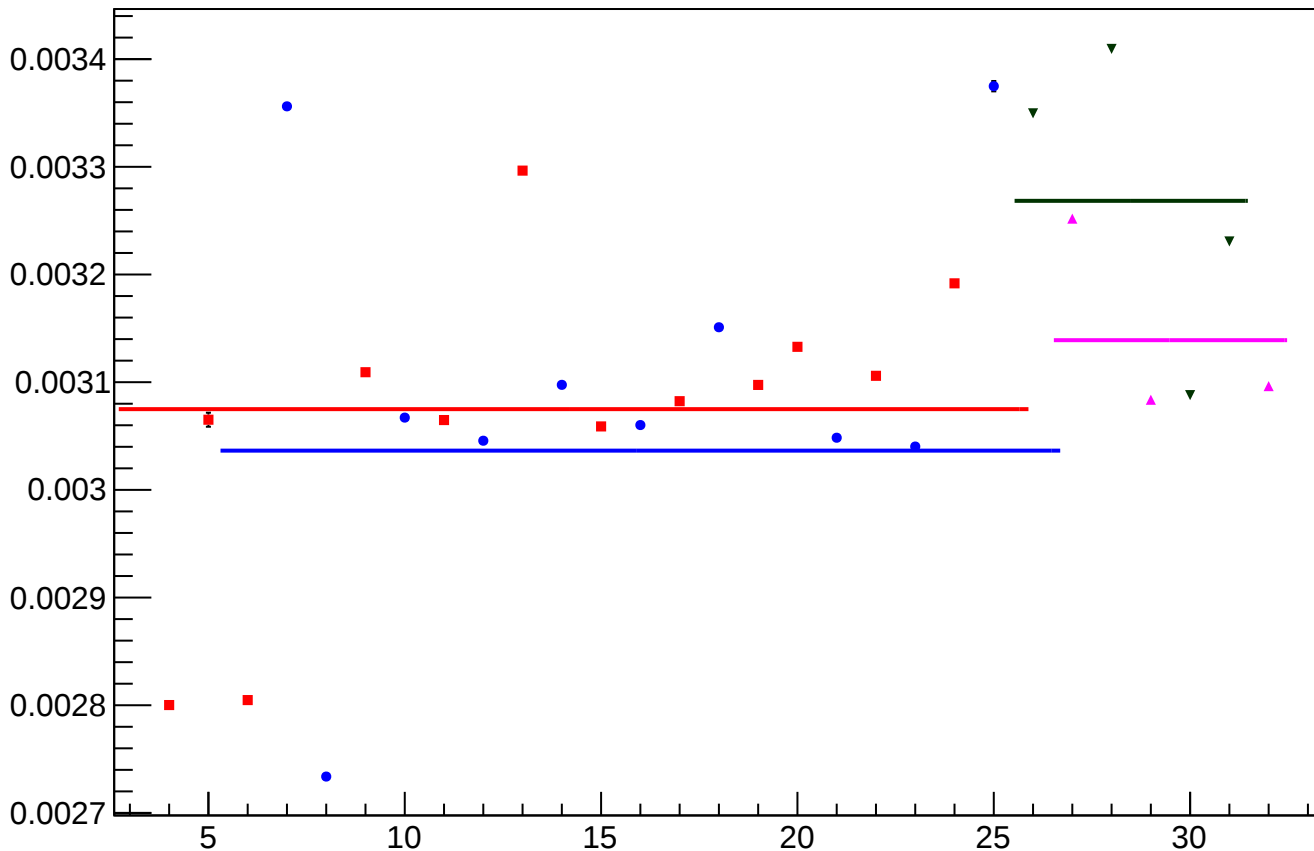
0.588+/-0.000 χ^2/NDF : 12807708991.2/13

Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

0.598+/-0.000 χ^2/NDF : 14483475083.1/14

Left In: 0.763+/-0.000 χ^2/NDF : 85936247.3/2

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 : 6469.6/3

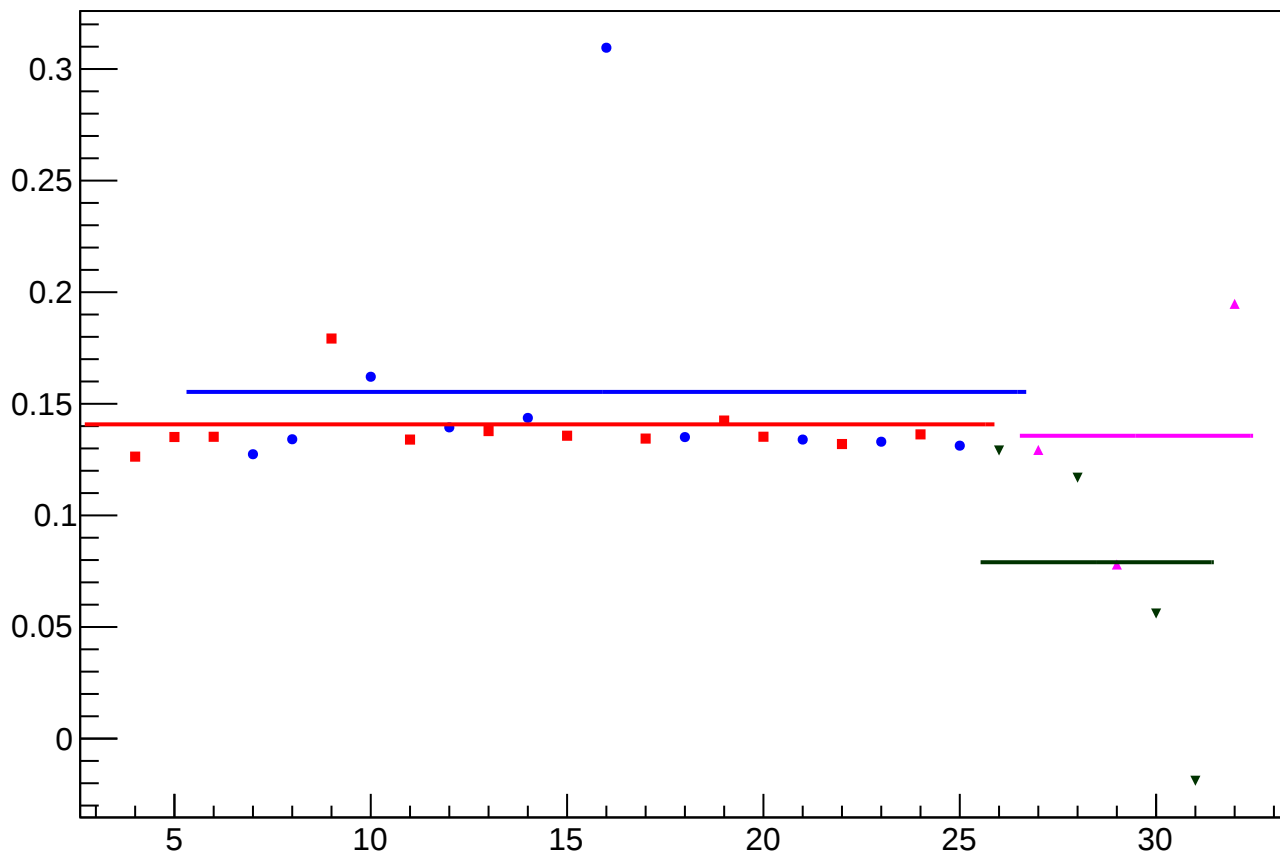
0.003+/-0.000 χ^2/NDF : 56208.2/13

Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

0.003+/-0.000 χ^2/NDF : 31517.8/14

Left In: 0.003+/-0.000 χ^2/NDF : 2852.9/2

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.079+/-0.000 χ^2/NDF : 32020445.6/3

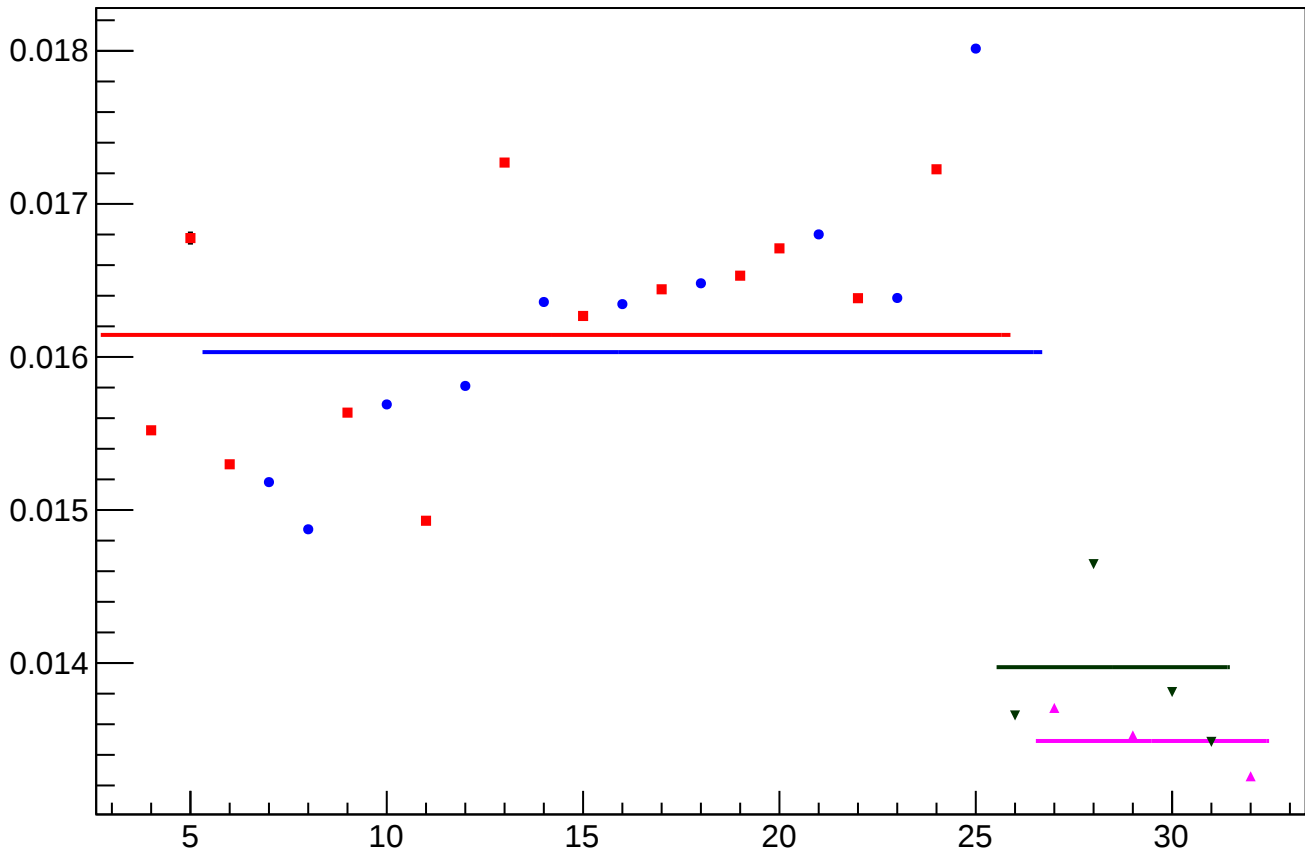
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.136+/-0.000 χ^2/NDF : 32967336.5/2

0.132+/-0.000 χ^2/NDF : 136231536.6/13

0.139+/-0.000 χ^2/NDF : 38660606.8/14

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 : 4670.9/3

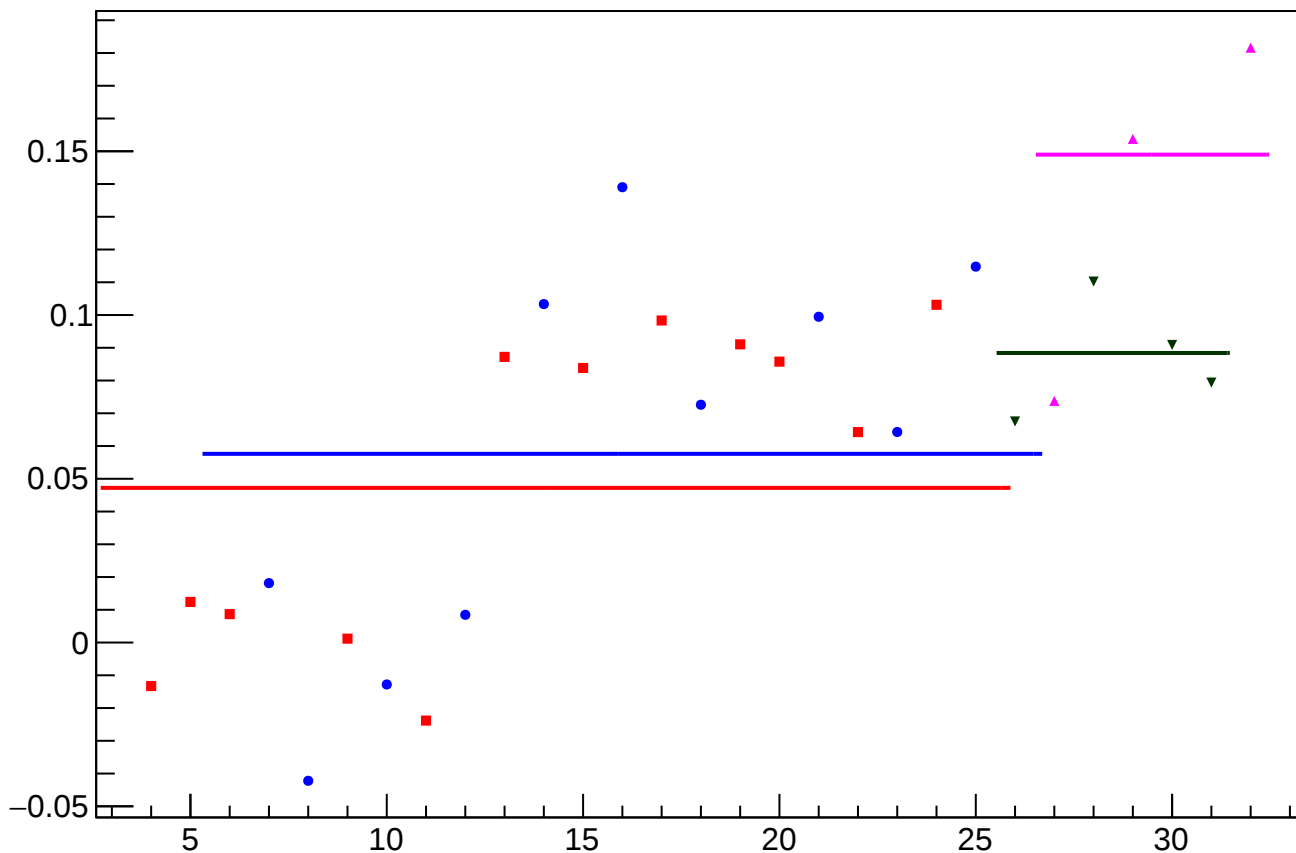
0.015+/-0.000 χ^2/NDF : 93335.5/13

Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

0.015+/-0.000 χ^2/NDF : 153966.6/14

Left In: 0.013+/-0.000 χ^2/NDF : 967.2/2

yield_bpm0l08Y_mean vs slug



Right In: 0.058 $\pm$ 0.000 χ^2/NDF : 2106835310.3/9

Left Out: 0.088 $\pm$ 0.000 χ^2/NDF : 38022012.2/3

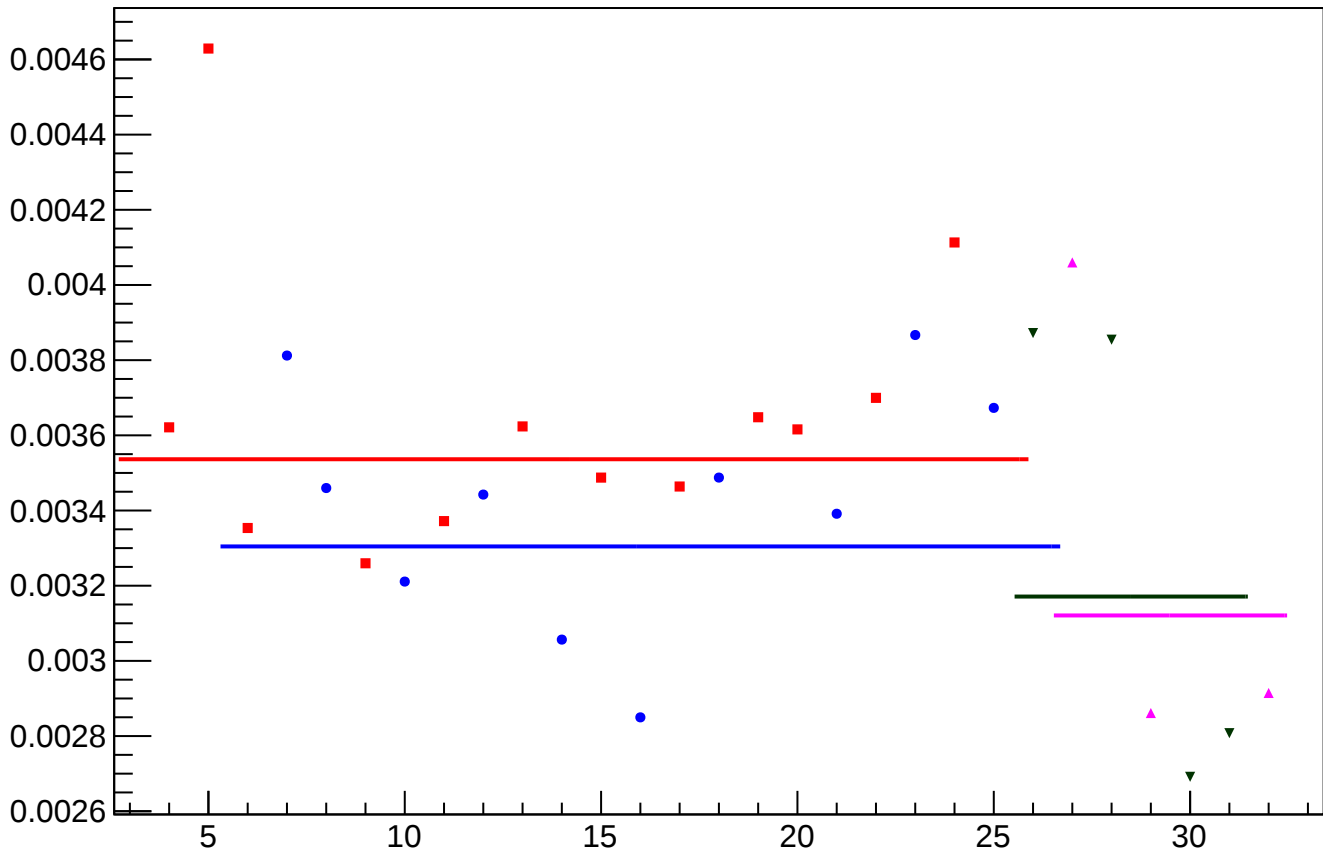
Right Out: 0.047 $\pm$ 0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.149 $\pm$ 0.000 χ^2/NDF : 391871546.2/2

0.065 $\pm$ 0.000 χ^2/NDF : 2279888195.7/13

0.083 $\pm$ 0.000 χ^2/NDF : 3169017310.3/14

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 88903.2/9

Left Out: 0.003+/-0.000 χ^2/NDF :115436.7/3

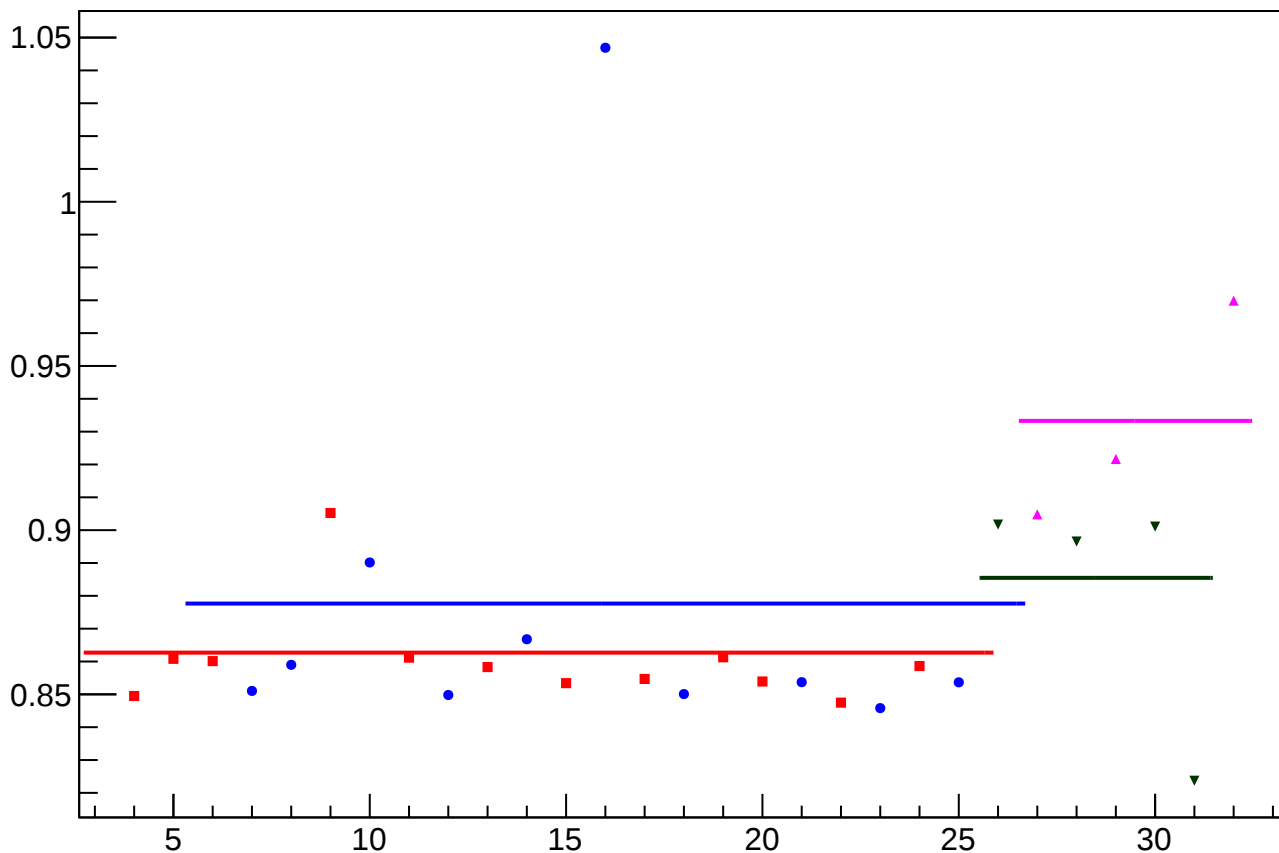
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.003+/-0.000 χ^2/NDF :110358.9/2

0.003+/-0.000 χ^2/NDF : 209401.3/13

0.003+/-0.000 χ^2/NDF : 221157.7/14

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.885+/-0.000 χ^2/NDF : 9768370.1/3

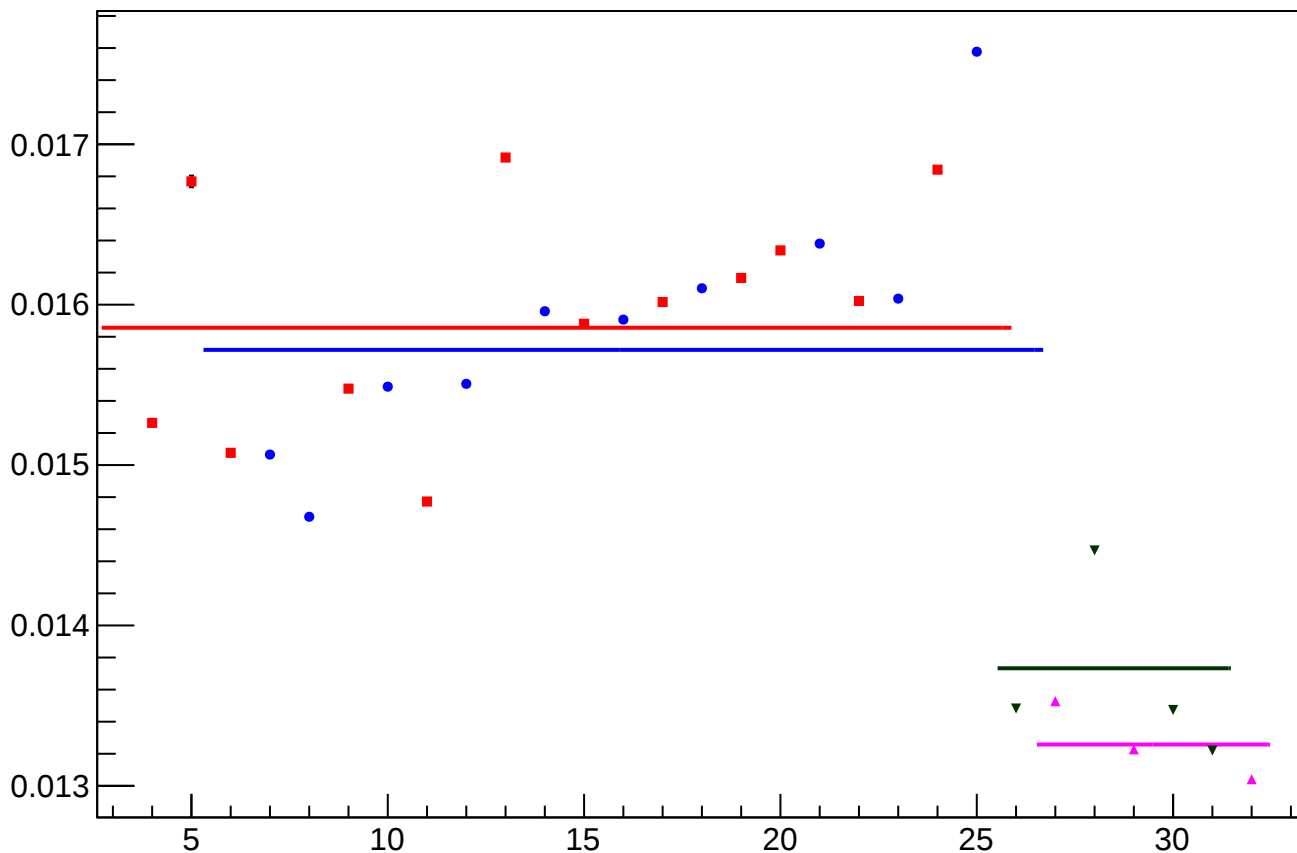
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.933+/-0.000 χ^2/NDF : 11348197.0/2

0.880+/-0.000 χ^2/NDF : 88808882.1/13

0.889+/-0.000 χ^2/NDF : 63772096.8/14

yield_bpm0l09X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 20126.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 5528.7/3

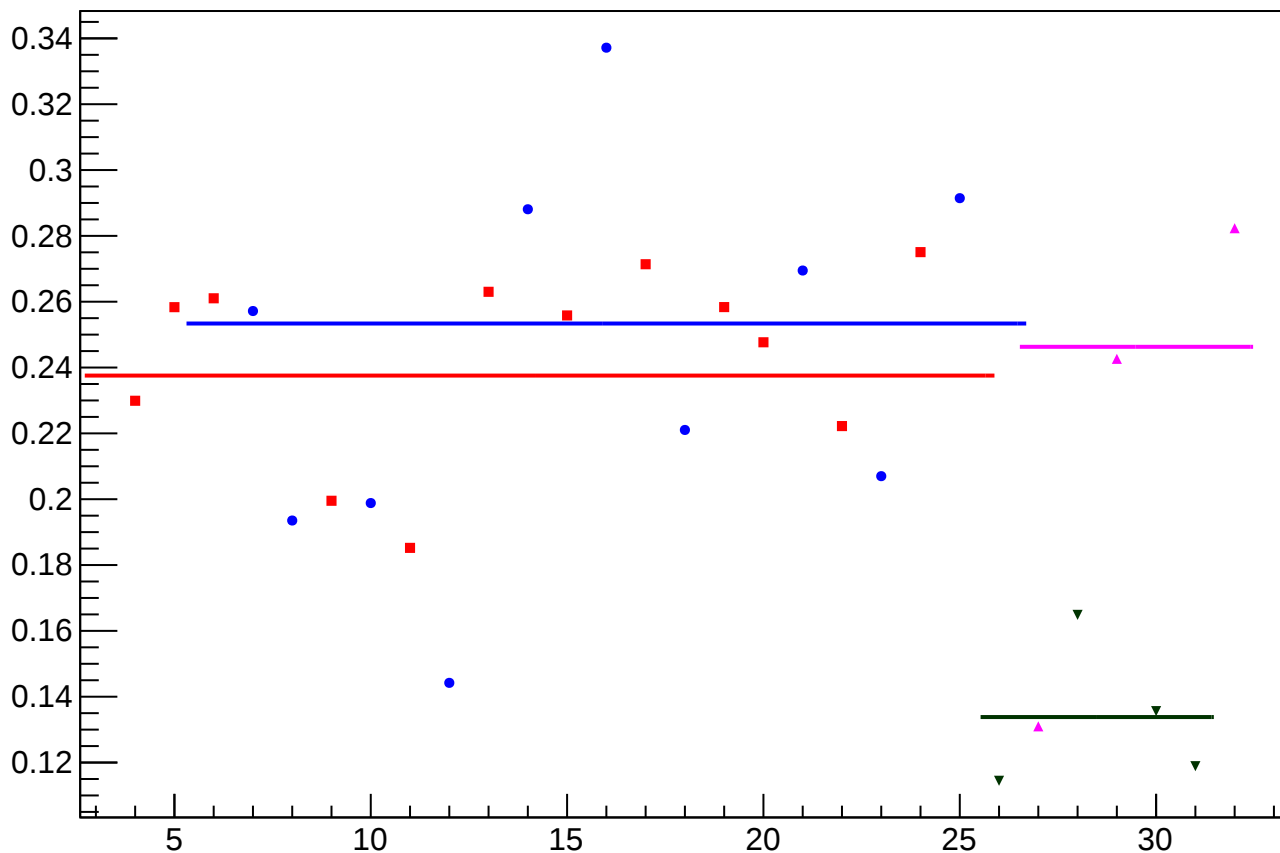
Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

Left In: 0.013+/-0.000 χ^2/NDF : 1172.6/2

0.015+/-0.000 χ^2/NDF : 86864.7/13

0.015+/-0.000 χ^2/NDF : 148959.4/14

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.134+/-0.000 χ^2/NDF : 61403649.8/3

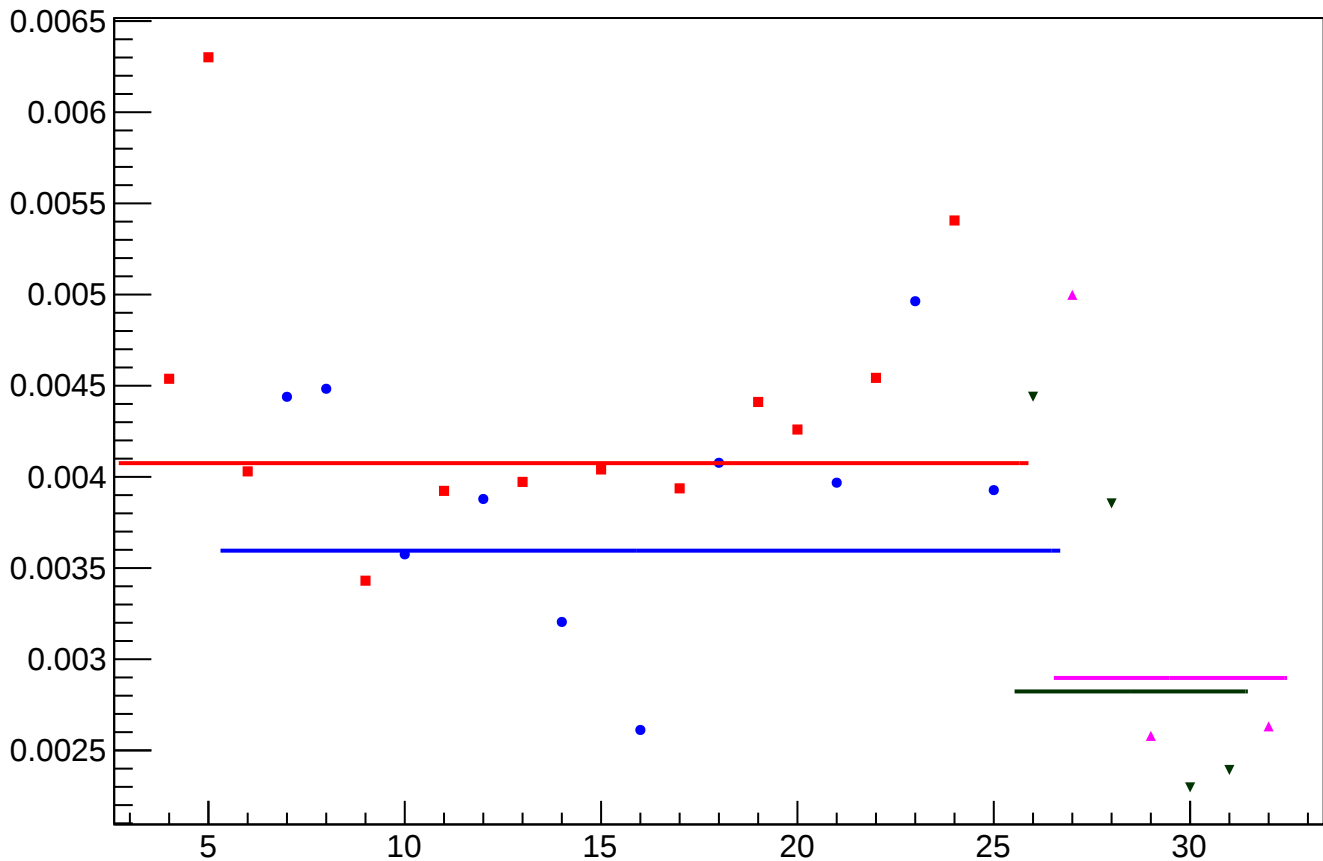
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.246+/-0.000 χ^2/NDF : 579922186.3/2

0.214+/-0.000 χ^2/NDF : 3810486843.7/13

0.241+/-0.000 χ^2/NDF : 929944466.6/14

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 390761.3/9

Left Out: 0.003+/-0.000 χ^2/NDF : 283981.9/3

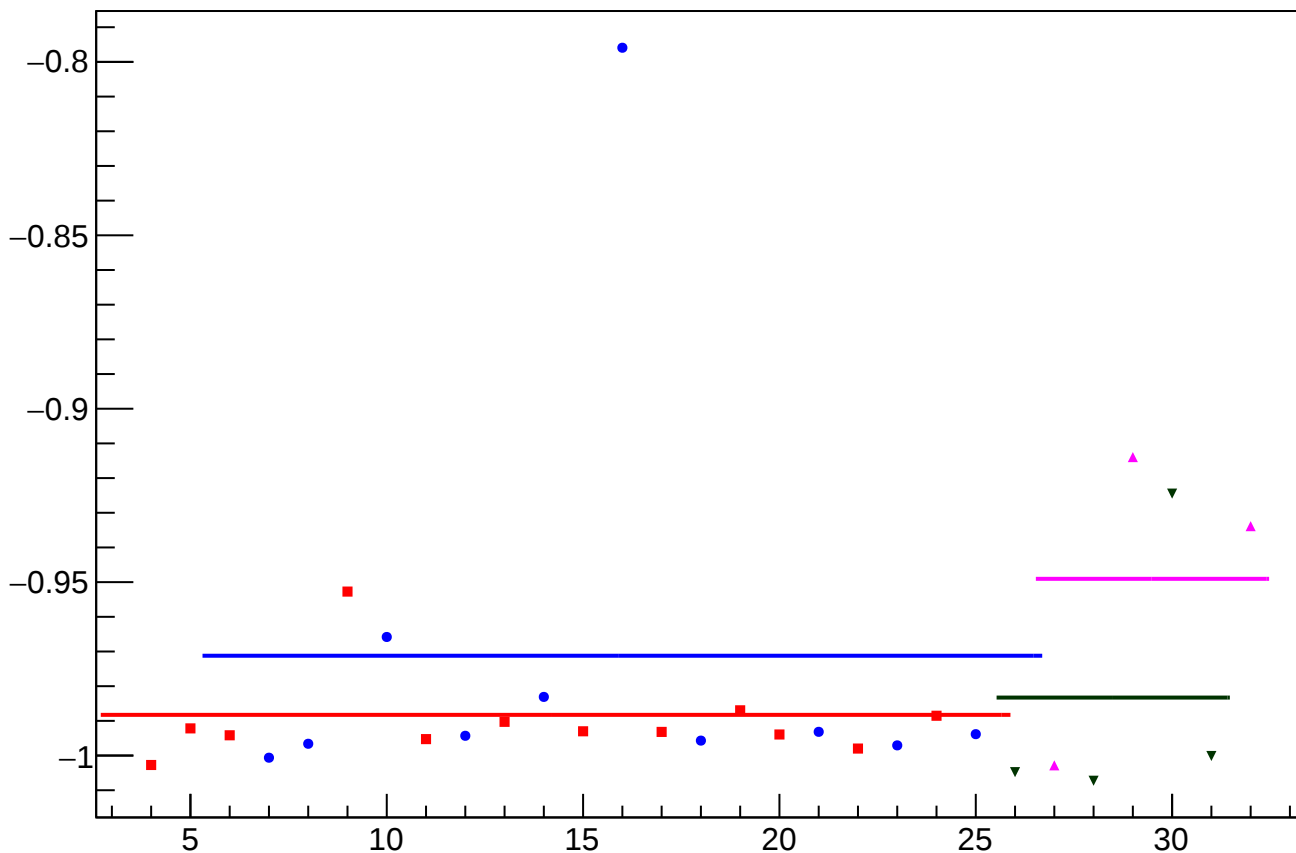
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 324782.5/2

0.003+/-0.000 χ^2/NDF : 853175.6/13

0.004+/-0.000 χ^2/NDF : 903865.7/14

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -0.983+/-0.000 χ^2/NDF : 14947272.4/3

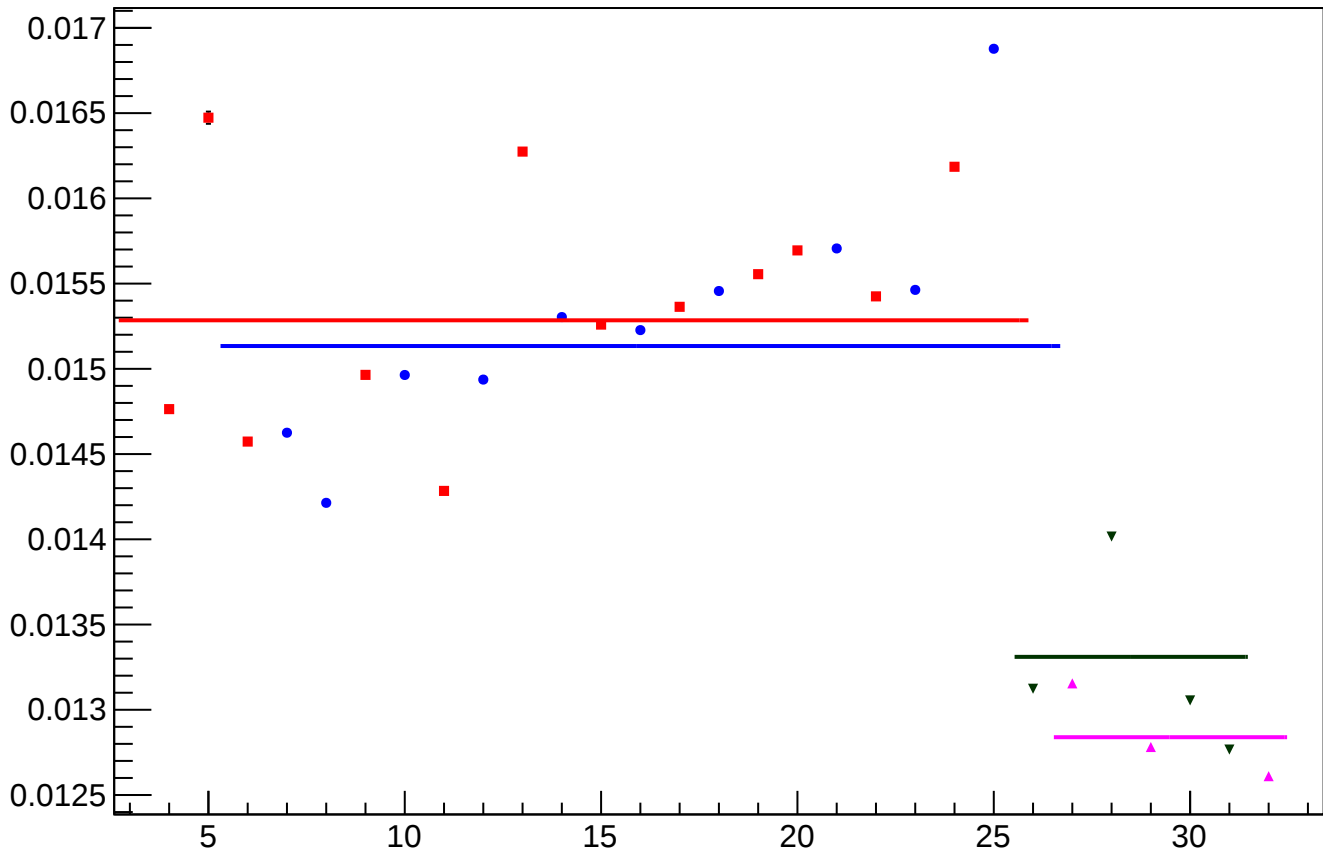
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.949+/-0.000 χ^2/NDF : 21856205.6/2

-0.975+/-0.000 χ^2/NDF : 106066325.6/13

-0.974+/-0.000 χ^2/NDF : 42060924.3/14

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 : 5529.7/3

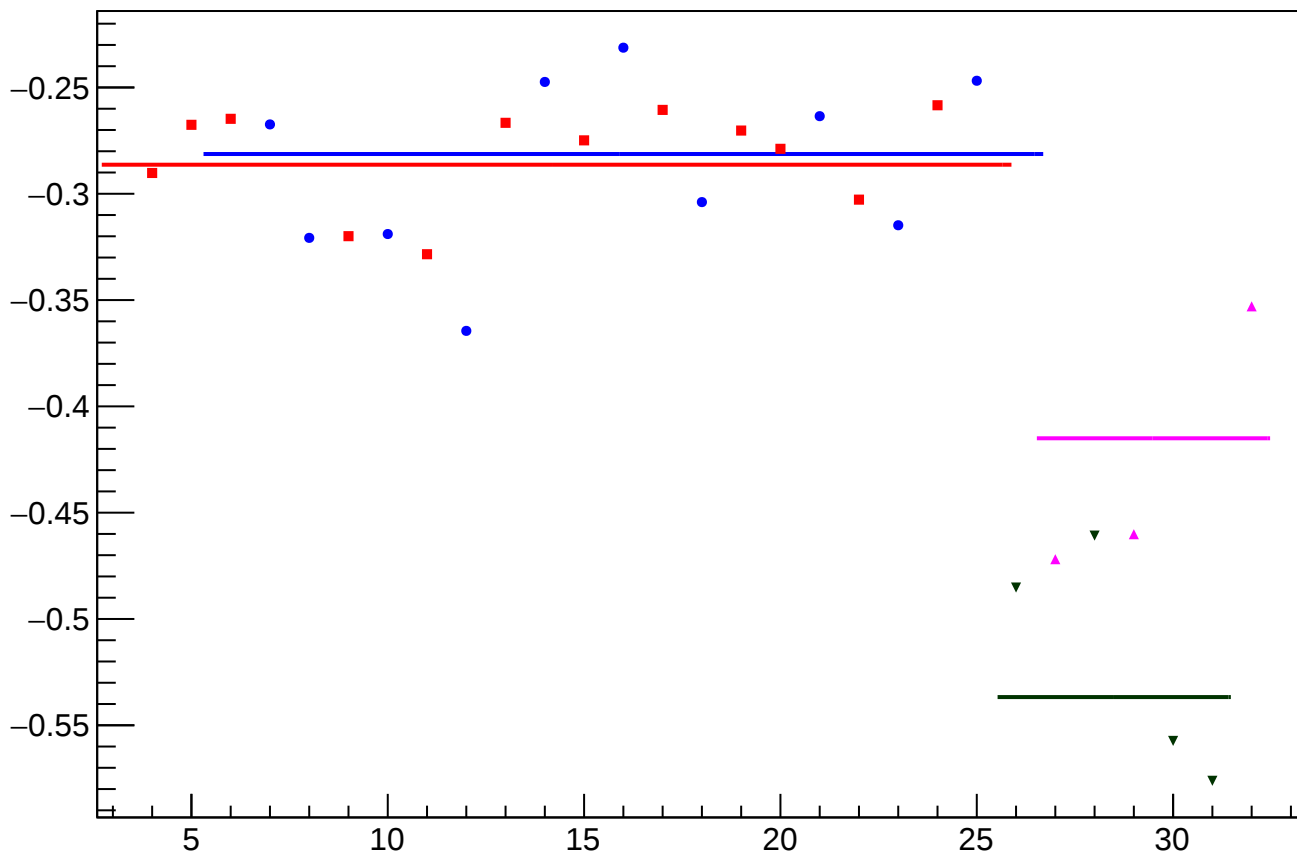
0.015+/-0.000 χ^2/NDF : 77577.9/13

Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

0.014+/-0.000 χ^2/NDF : 140719.2/14

Left In: 0.013+/-0.000 χ^2/NDF : 1591.2/2

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.537+/-0.000 χ^2/NDF : 487778883.6/3

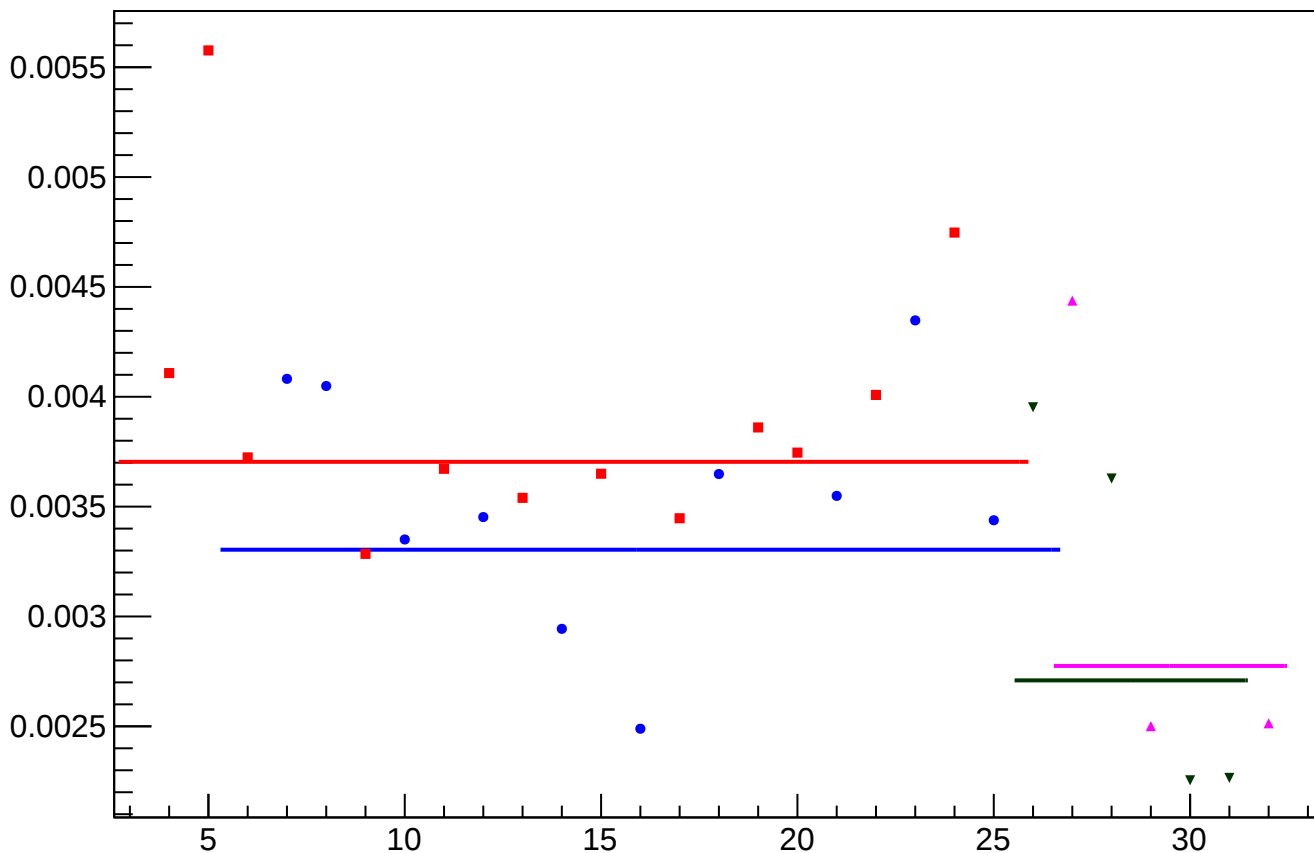
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.415+/-0.000 χ^2/NDF : 885056714.7/2

-0.361+/-0.000 χ^2/NDF : 12536291762.7/13

-0.339+/-0.000 χ^2/NDF : 4033928863.9/14

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 307709.2/9

Left Out: 0.003+/-0.000 χ^2/NDF : 236972.0/3

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF : 262897.4/2

0.003+/-0.000 χ^2/NDF : 664736.5/13

0.003+/-0.000 χ^2/NDF : 682225.0/14