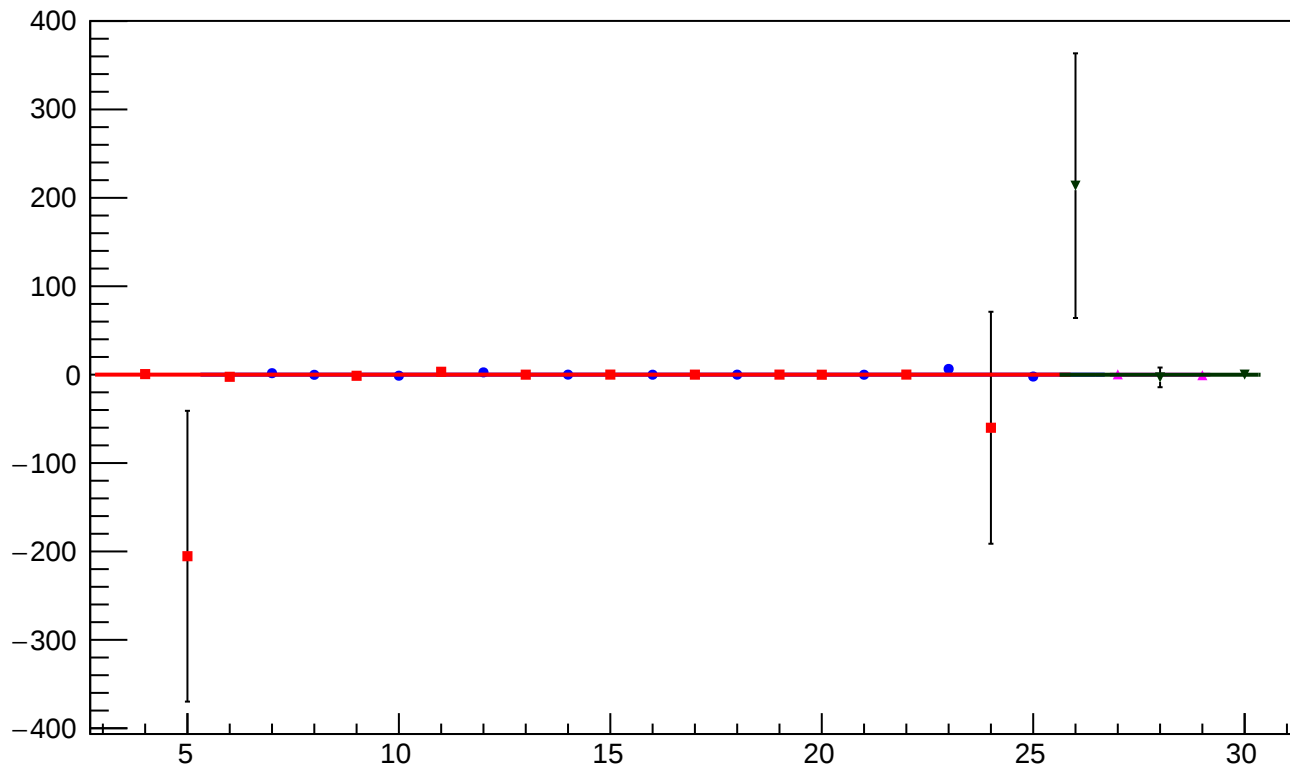


diff_cav4bX_mean vs slug



Right In: -0.014+/-0.014

χ^2 /NDF: 18.0/9

Left Out: -0.089+/-2.891

χ^2 /NDF: 2.1/2

Right Out: 0.017+/-0.016

χ^2 /NDF: 19.3/11

Left In: -0.104+/-0.171

χ^2 /NDF: 8.0/1

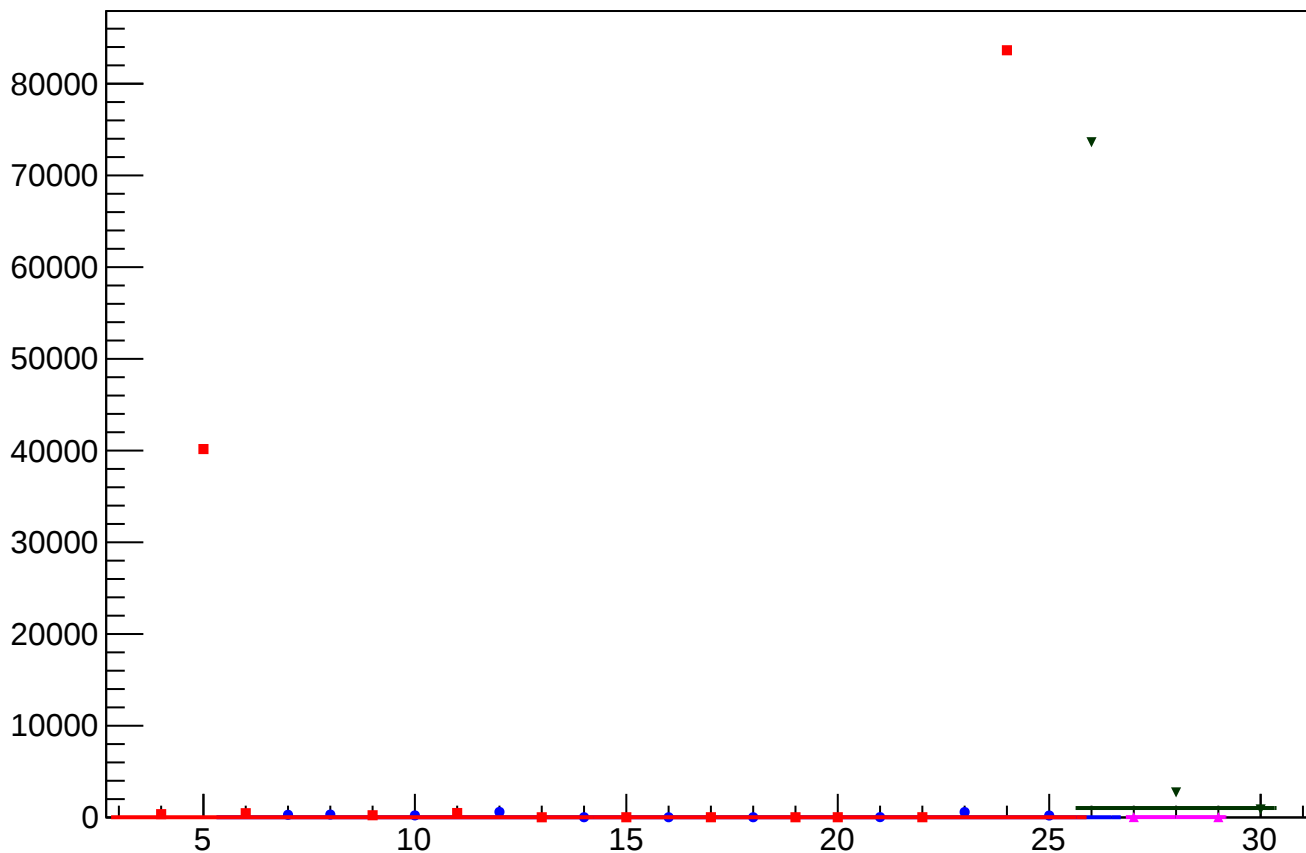
-0.014+/-0.014

χ^2 /NDF: 20.1/12

0.016+/-0.016

χ^2 /NDF: 27.8/13

diff_cav4bX_rms vs slug



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

Left Out: 1028.737+/-2.045 χ^2 /NDF: 522201.9/2

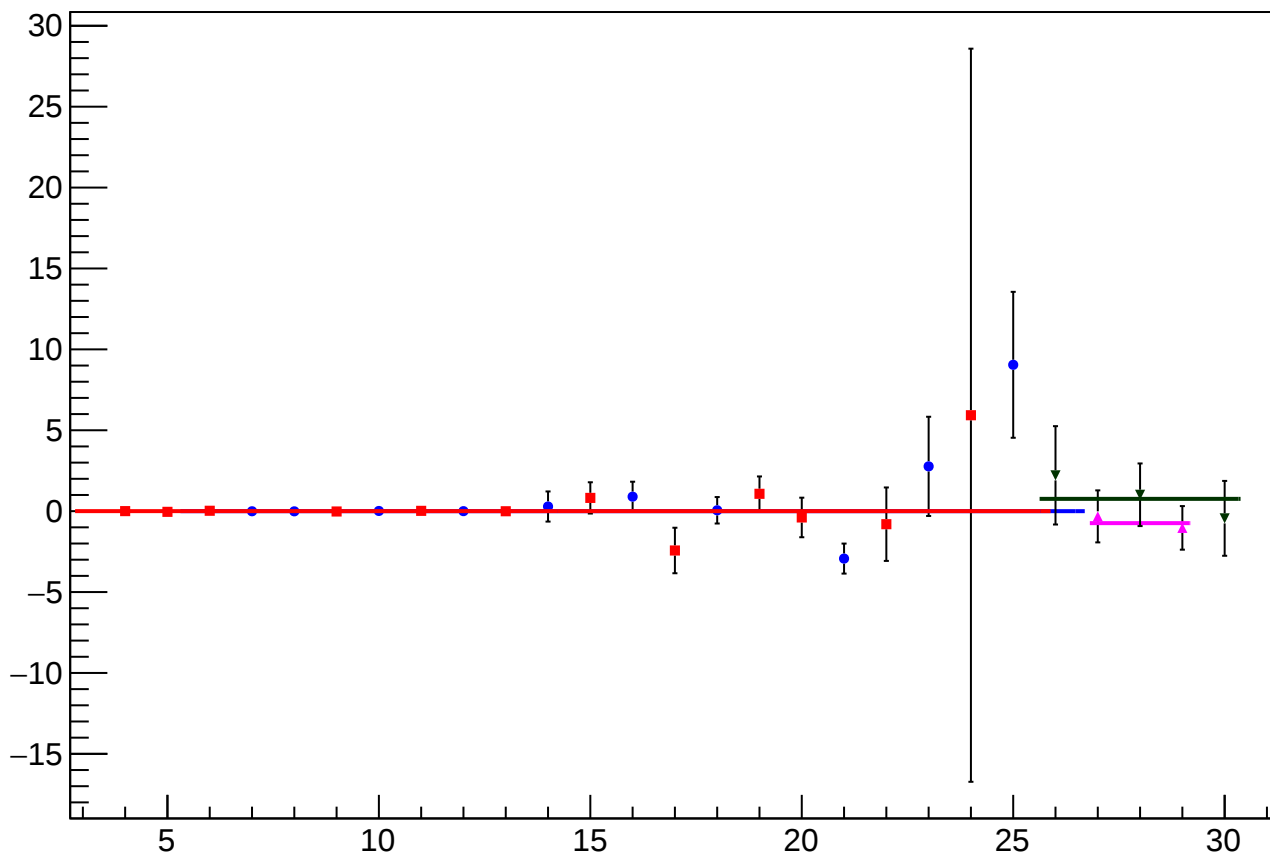
Right Out: 22.575+/-0.011 χ^2 /NDF: 1409994.7/11

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

22.423+/-0.010 χ^2 /NDF: 1534954.8/12

22.709+/-0.011 χ^2 /NDF: 1426343.7/13

diff_cav4bY_mean vs slug



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

Left Out: 0.760 ± 1.334 χ^2/NDF : 0.5/2

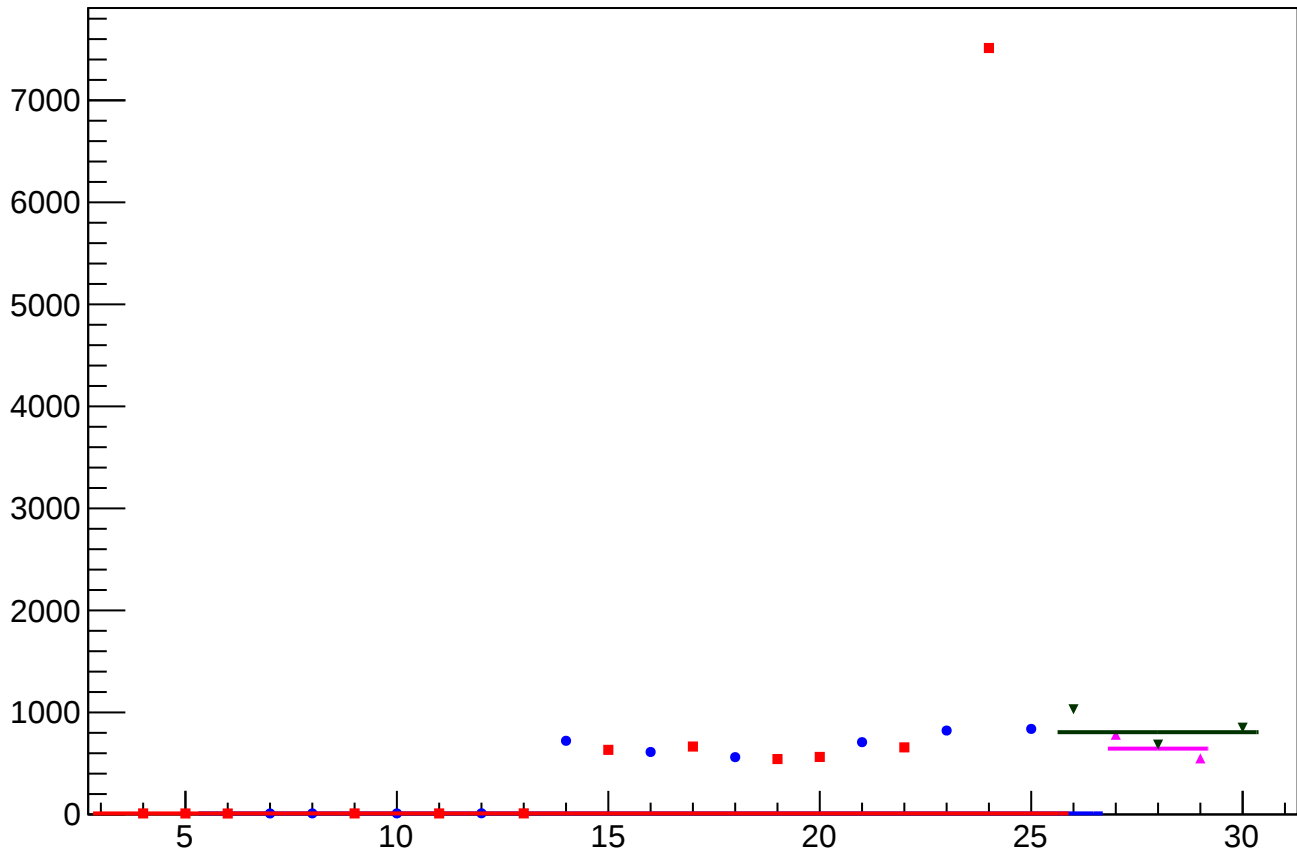
Right Out: 0.002 ± 0.005 χ^2/NDF : 17.0/11

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

-0.001 ± 0.006 χ^2/NDF : 19.0/12

0.002 ± 0.005 χ^2/NDF : 17.6/13

diff_cav4bY_rms vs slug



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

Left Out: 806.435 ± 0.943 $\chi^2/\text{NDF}: 19555.8/2$

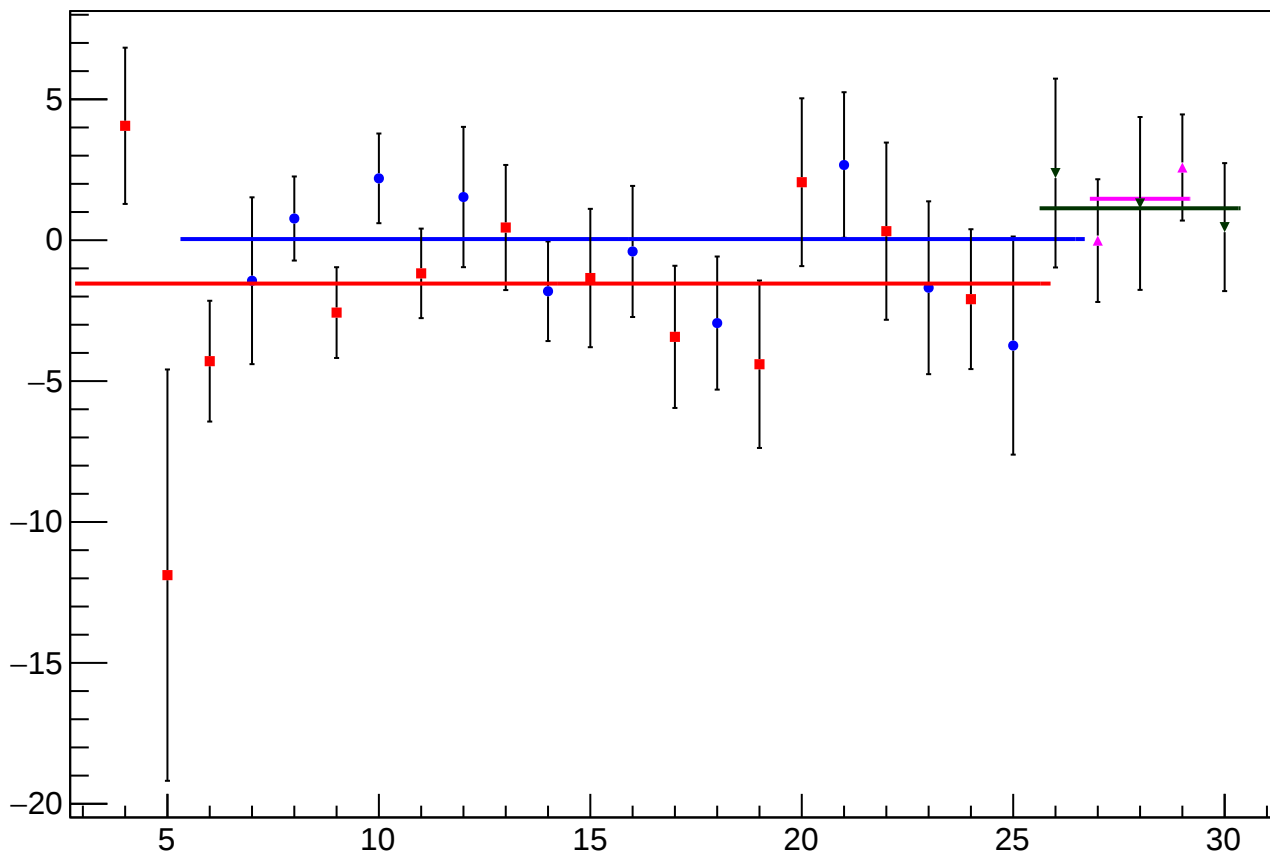
Right Out: 10.074 ± 0.004 $\chi^2/\text{NDF}: 2563210.4/11$

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

10.509 ± 0.005 $\chi^2/\text{NDF}: 5009652.2/12$

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

diff_cav4cX_mean vs slug



Right In: 0.040 ± 0.686 $\chi^2/\text{NDF}: 7.7/9$

Left Out: 1.133 ± 1.603 $\chi^2/\text{NDF}: 0.2/2$

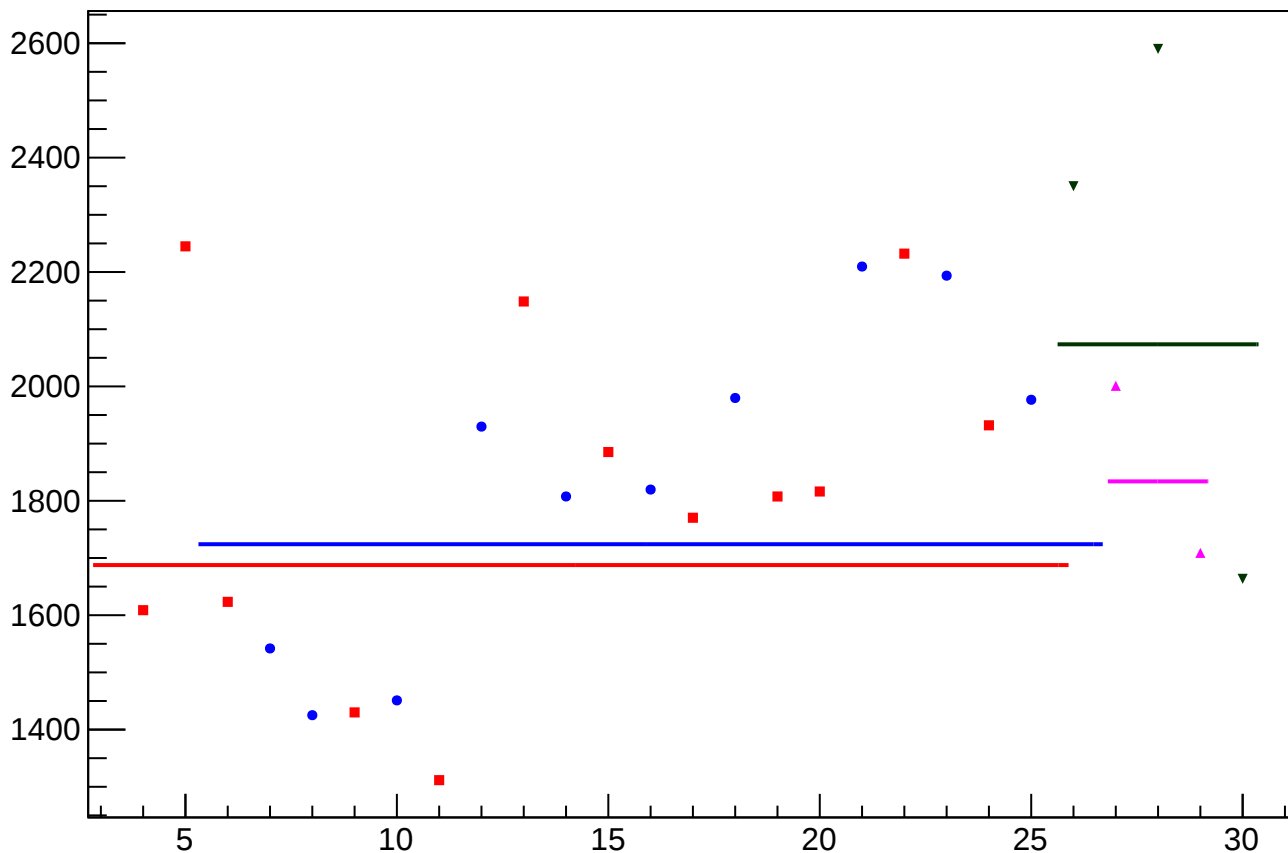
0.209 ± 0.630 $\chi^2/\text{NDF}: 8.3/12$

Right Out: -1.539 ± 0.680 $\chi^2/\text{NDF}: 12.4/11$

-0.981 ± 0.614 $\chi^2/\text{NDF}: 16.8/13$

Left In: 1.470 ± 1.425 $\chi^2/\text{NDF}: 0.8/1$

diff_cav4cX_rms vs slug



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

Left Out: 2073.612+/-1.133 χ^2/NDF :135521.0/2

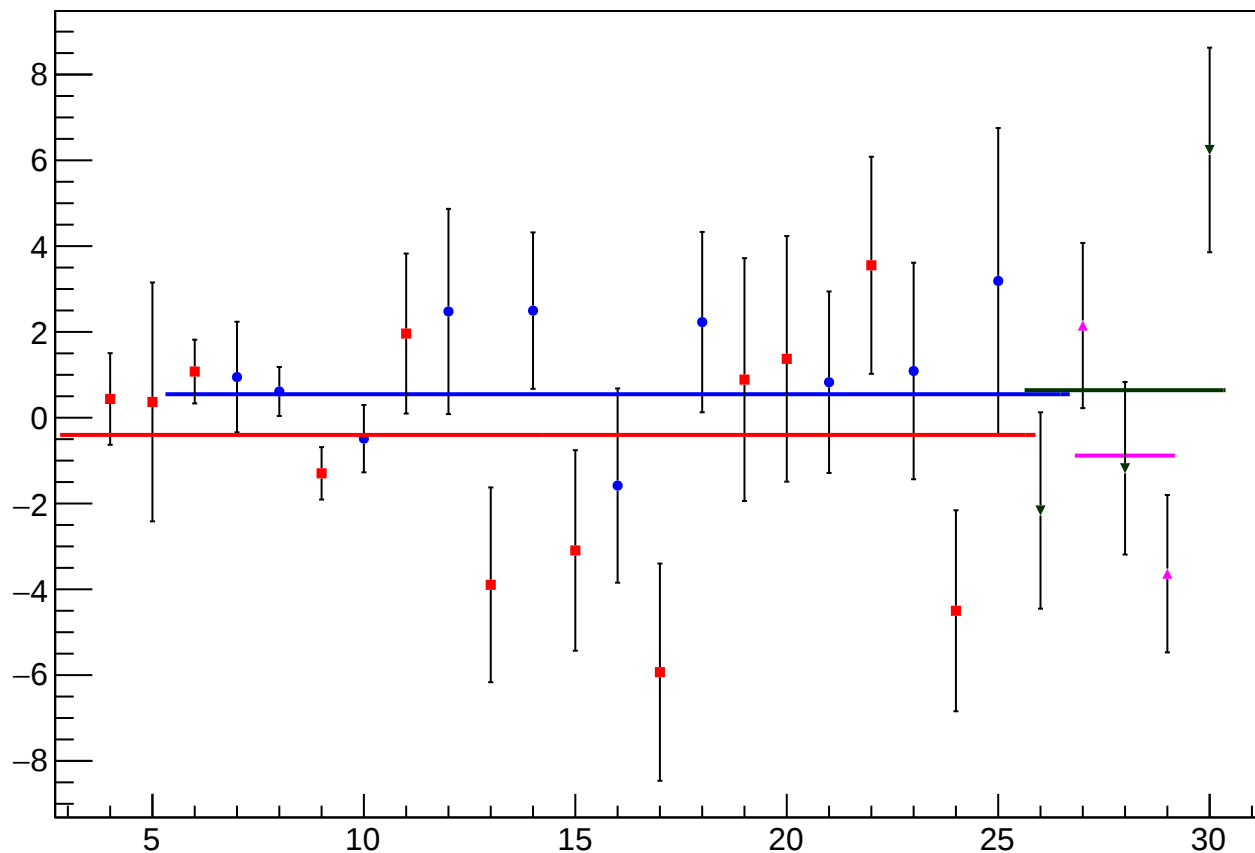
Right Out: 1687.646+/-0.481 χ^2/NDF : 366003.0/11

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

1778.183+/-0.446 χ^2/NDF : 533639.8/12

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

diff_cav4cY_mean vs slug



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

Left Out: 0.642 ± 1.276 χ^2/NDF : 7.8/2

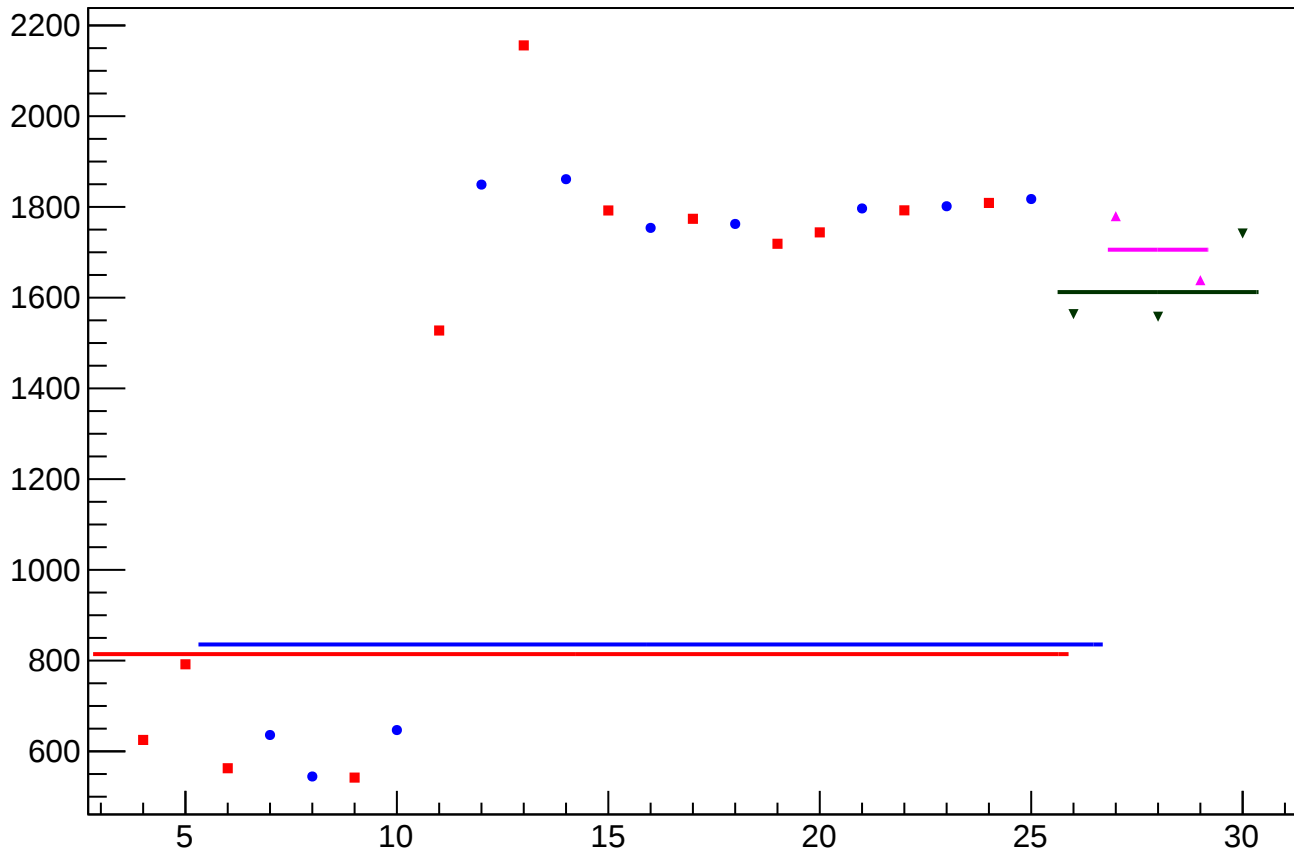
Right Out: -0.401 ± 0.381 χ^2/NDF : 23.0/11

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

0.556 ± 0.371 χ^2/NDF : 13.6/12

-0.437 ± 0.366 χ^2/NDF : 27.8/13

diff_cav4cY_rms vs slug



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

Left Out: 1612.299+/-0.902 χ^2/NDF : 8227.9/2

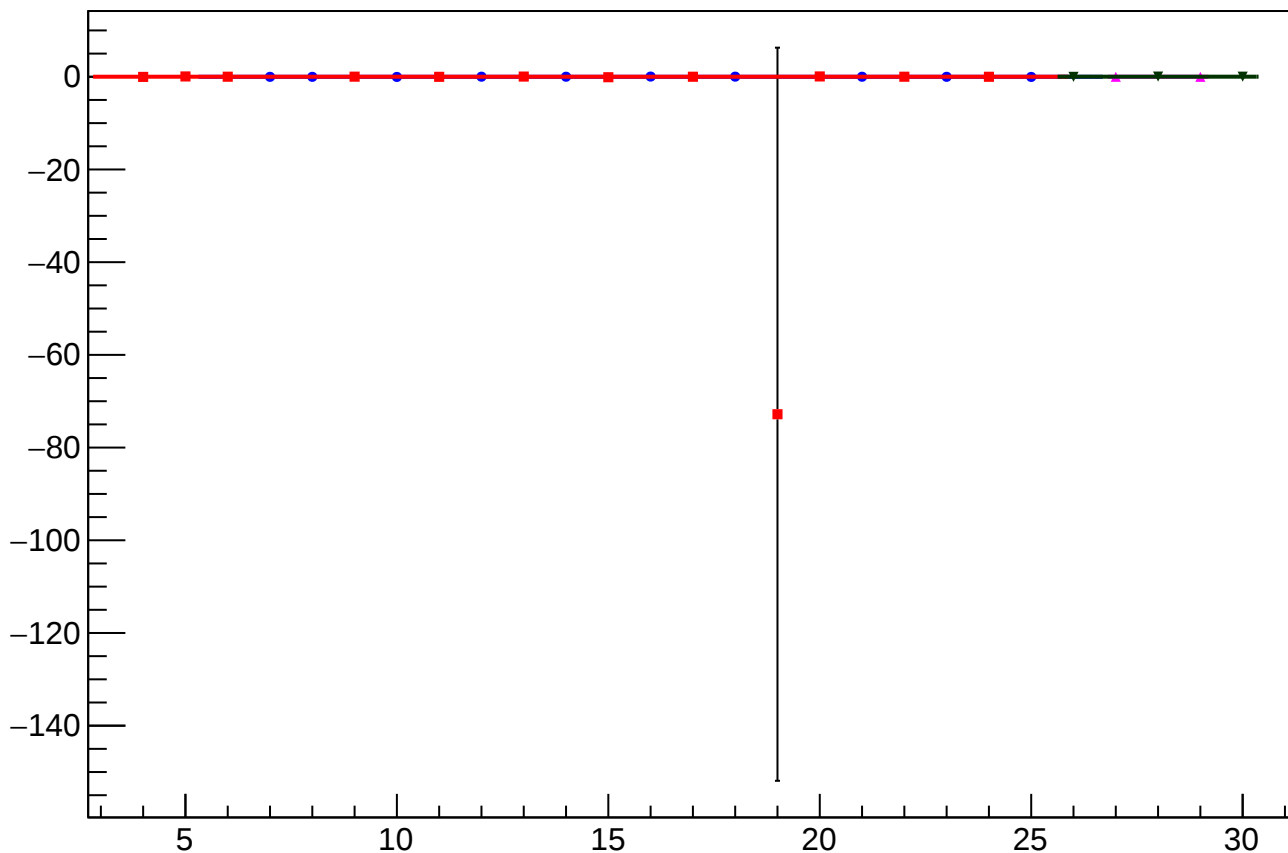
901.269+/-0.262 χ^2/NDF : 3936266.9/12

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

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

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

diff_cav4dX_mean vs slug



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

Left Out: 0.020 $\pm$ 0.012 χ^2 /NDF: 3.0/2

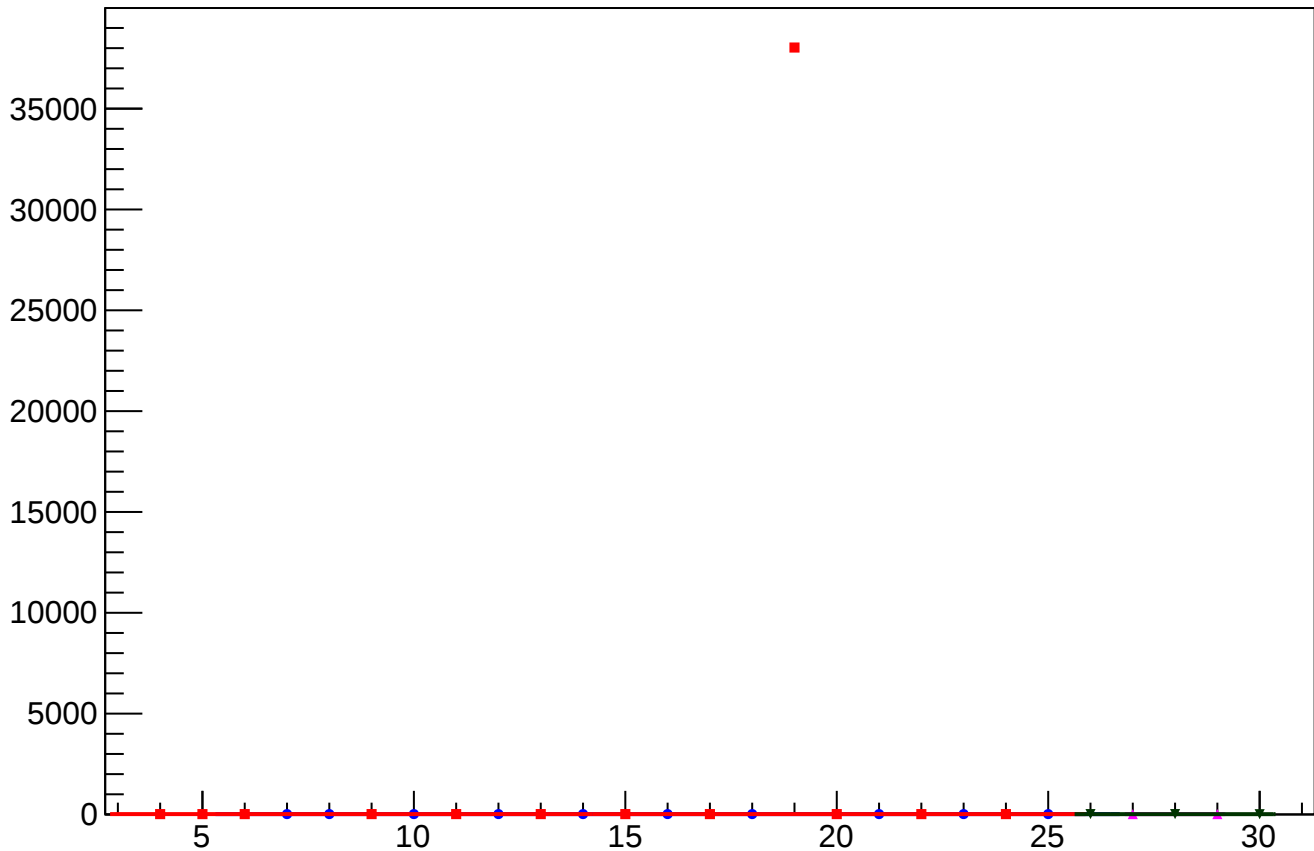
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

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

0.003 $\pm$ 0.007 χ^2 /NDF: 12.1/12

0.008 $\pm$ 0.007 χ^2 /NDF: 12.0/13

diff_cav4dX_rms vs slug



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

Left Out: 14.583 $\pm$ 0.008 χ^2 /NDF:135334.9/2

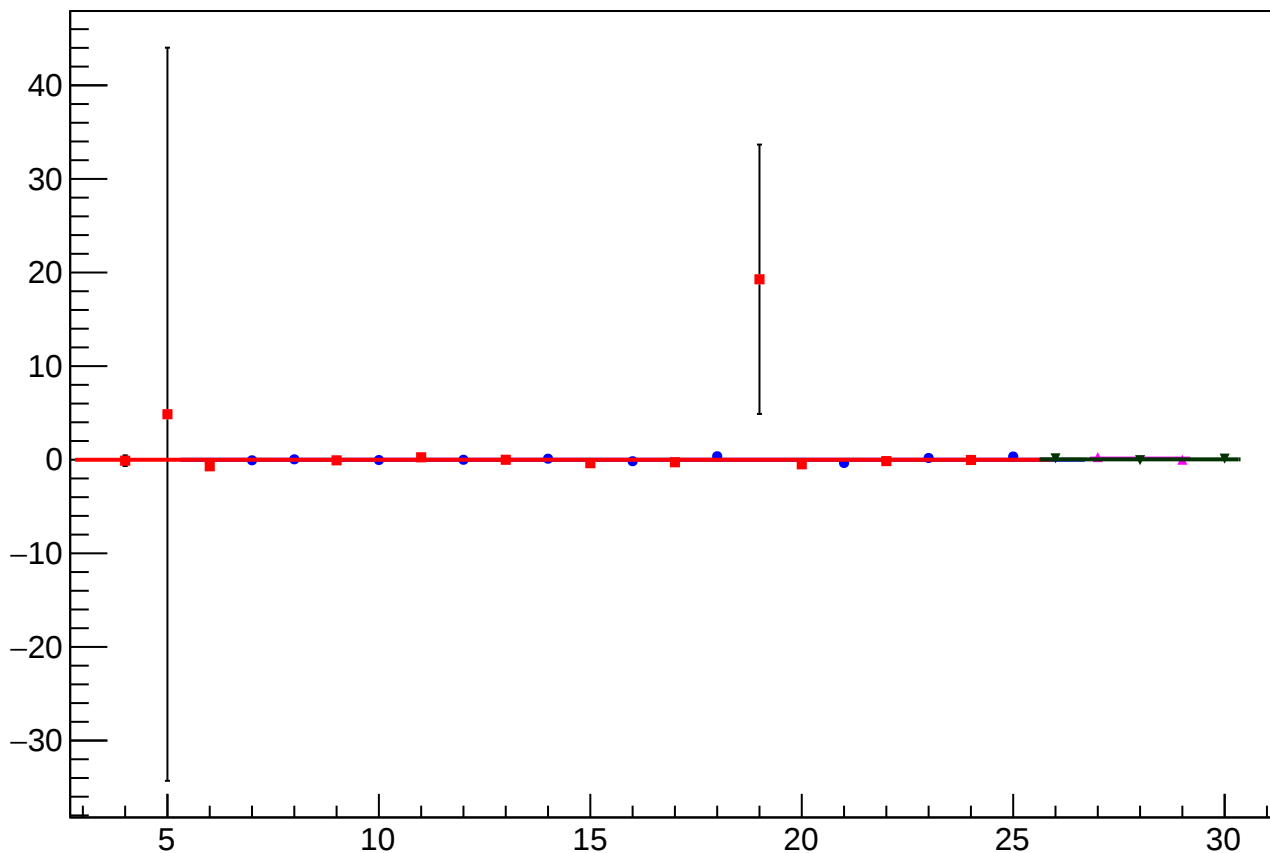
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

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

16.624 $\pm$ 0.005 χ^2 /NDF: 225279.1/12

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

diff_cav4dY_mean vs slug



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

Left Out: 0.040+/-0.083 χ^2 /NDF:1.1/2

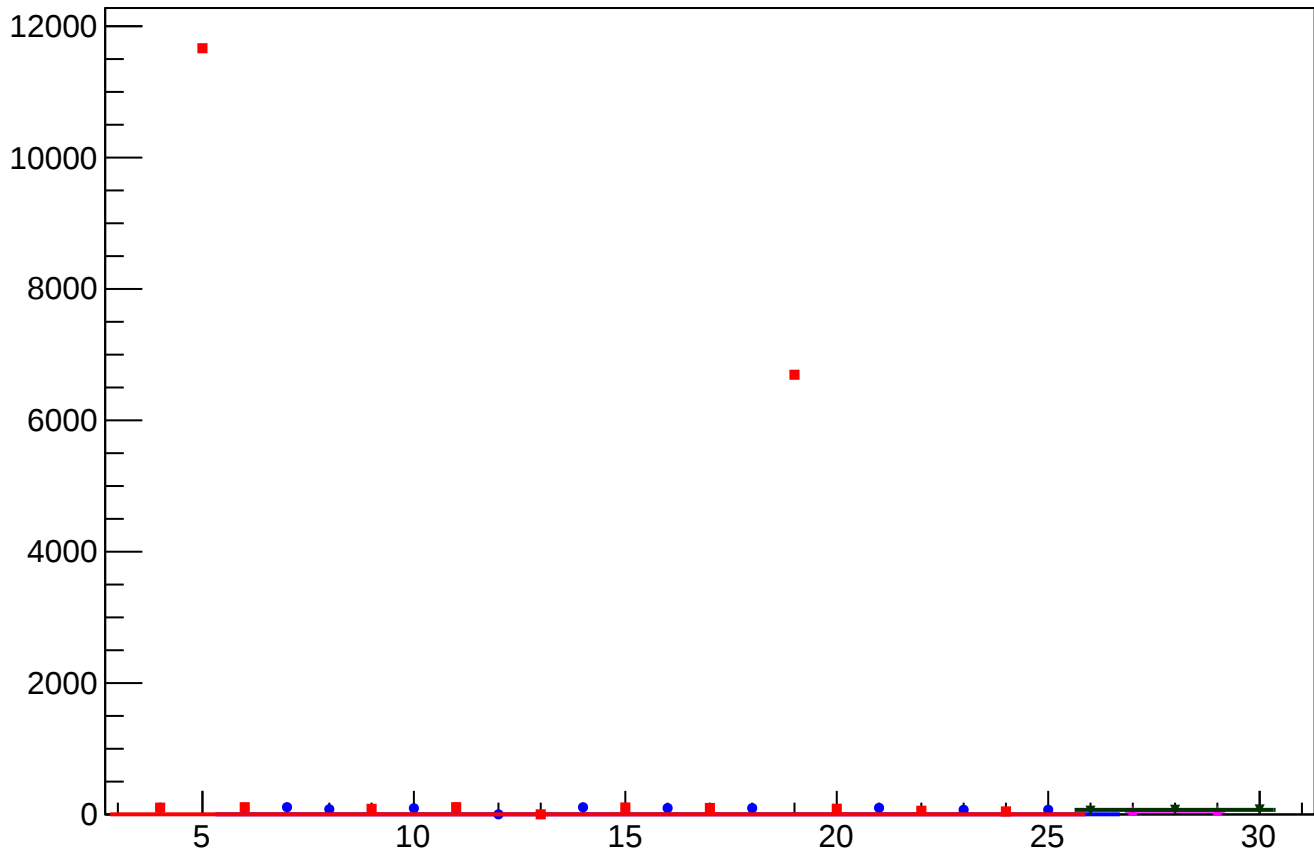
Right Out: -0.003+/-0.003 χ^2 /NDF: 12.3/11

Left In: 0.122+/-0.067 χ^2 /NDF:4.2/1

-0.003+/-0.003 χ^2 /NDF: 16.4/12

-0.002+/-0.003 χ^2 /NDF: 20.0/13

diff_cav4dY_rms vs slug



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

Left Out: 69.948+/-0.059 χ^2/NDF :13861.0/2

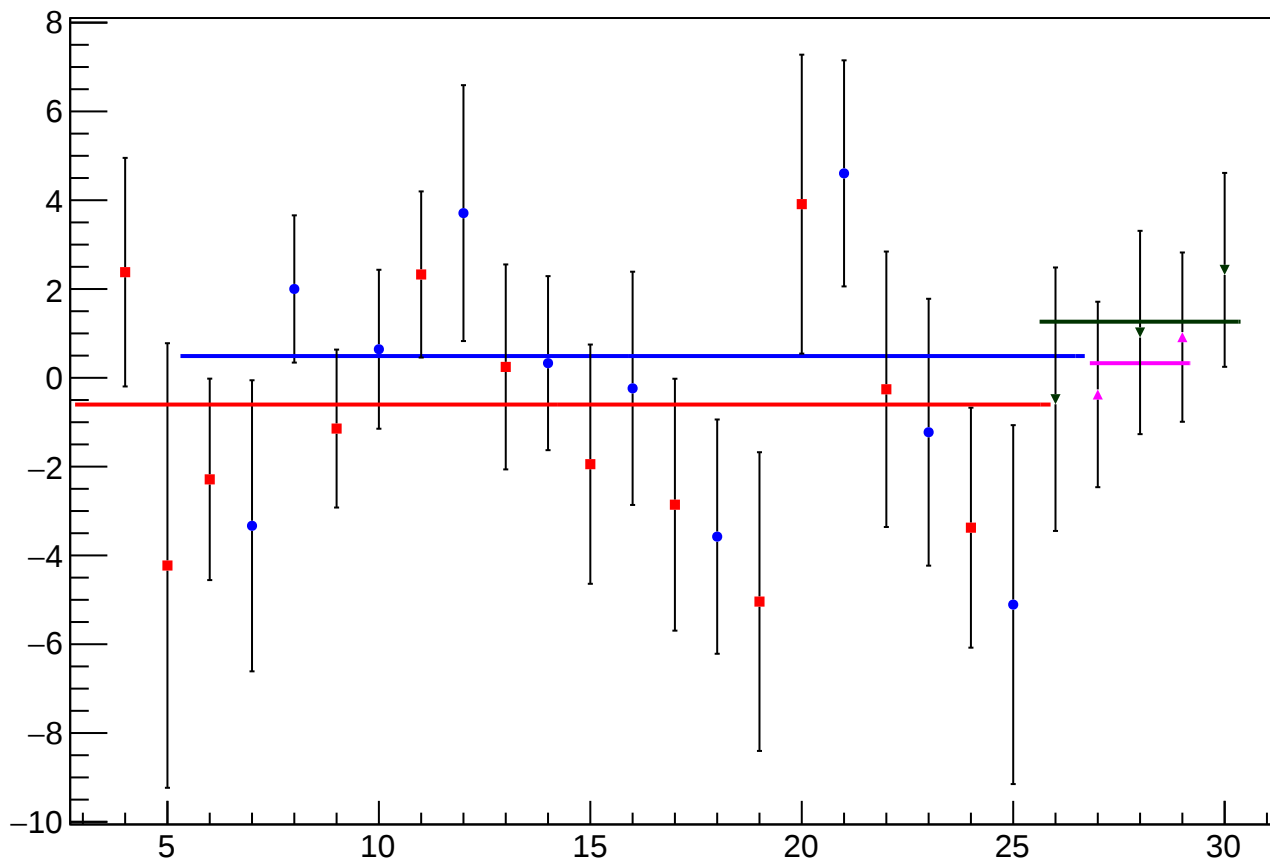
2.227+/-0.002 χ^2/NDF : 7178446.2/12

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

2.166+/-0.002 χ^2/NDF : 5532624.2/13

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

diff_bpm4aX_mean vs slug



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

Left Out: 1.264 ± 1.395 χ^2/NDF : 0.6/2

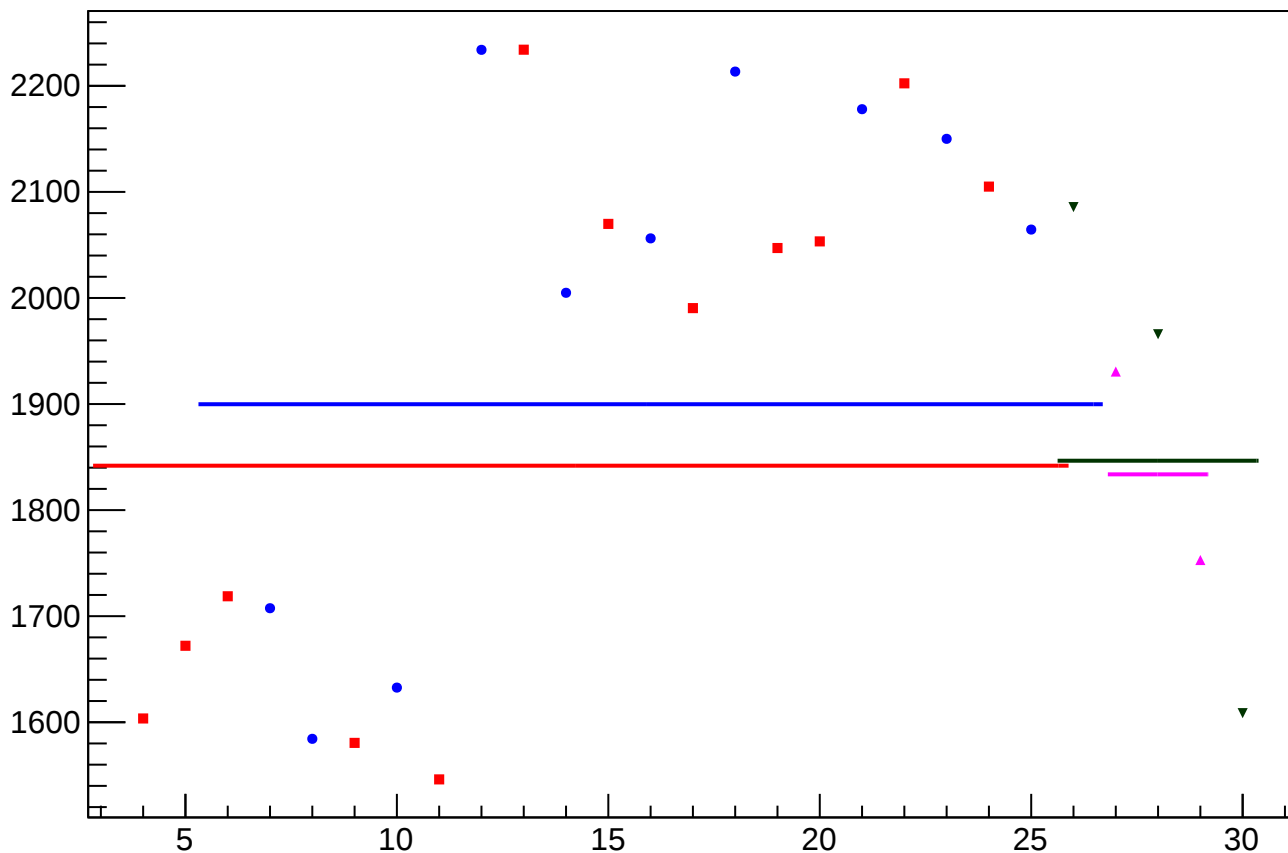
Right Out: -0.602 ± 0.734 χ^2/NDF : 10.6/11

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

0.665 ± 0.662 χ^2/NDF : 11.6/12

-0.403 ± 0.651 χ^2/NDF : 11.1/13

diff_bpm4aX_rms vs slug



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

Left Out: 1846.562+/-0.986 χ^2/NDF : 42176.8/2

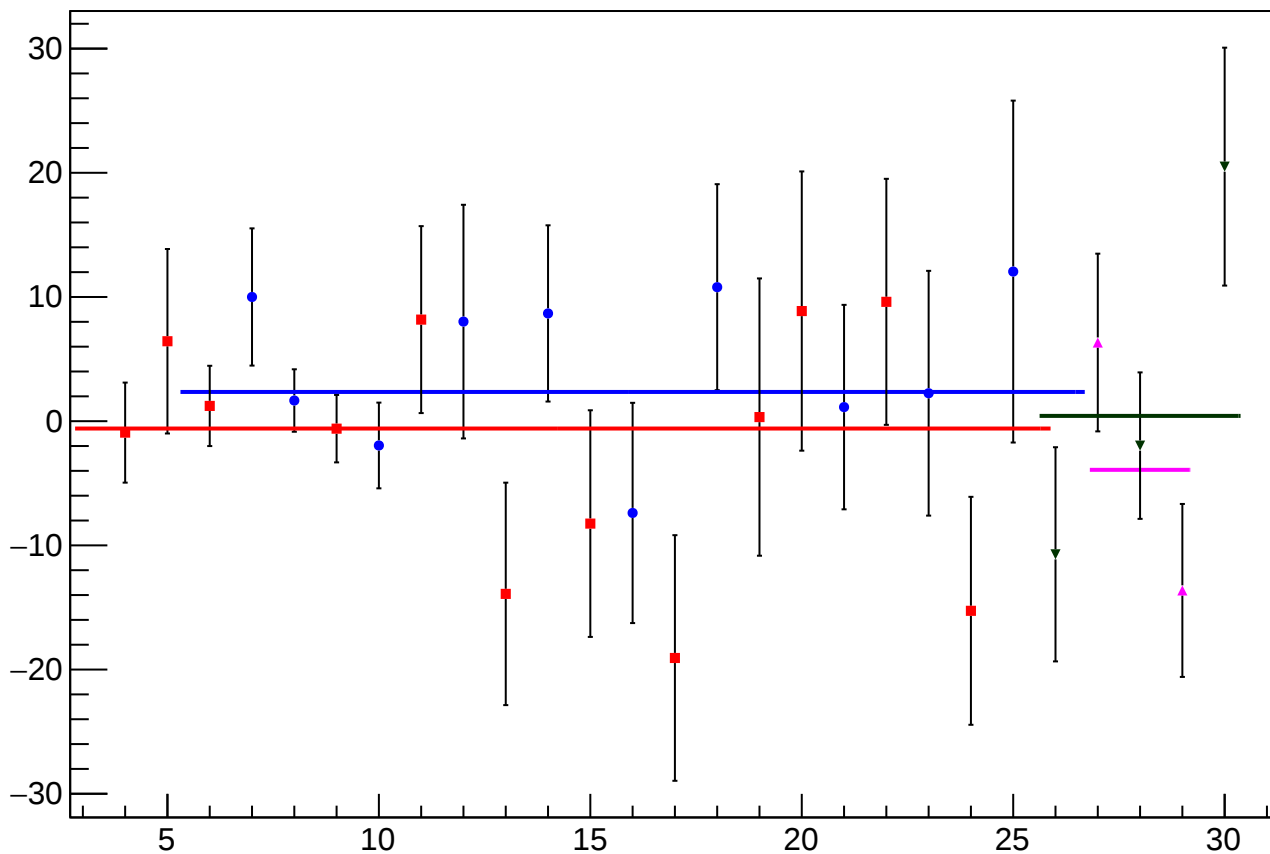
Right Out: 1841.876+/-0.519 χ^2/NDF : 257357.6/11

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

1887.807+/-0.468 χ^2/NDF : 277304.3/12

1840.131+/-0.460 χ^2/NDF : 265308.2/13

diff_bpm4aY_mean vs slug



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

Left Out: 0.426 $\pm$ 4.339 χ^2 /NDF: 6.2/2

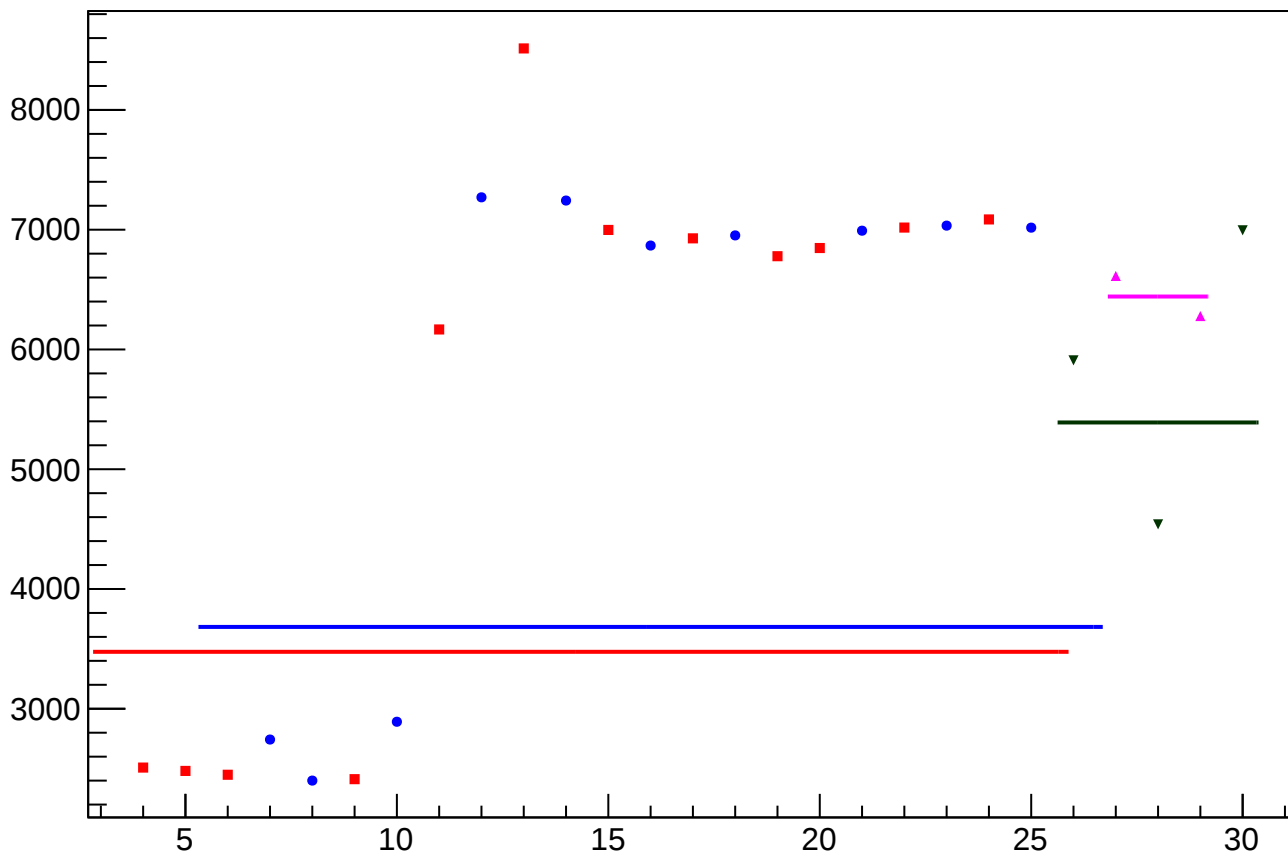
2.108 $\pm$ 1.549 χ^2 /NDF: 13.9/12

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

-0.894 $\pm$ 1.505 χ^2 /NDF: 17.7/13

Left In: -3.918 $\pm$ 4.990 χ^2 /NDF: 4.0/1

diff_bpm4aY_rms vs slug



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

Left Out: 5390.443+/-3.068 χ^2/NDF : 104988.9/2

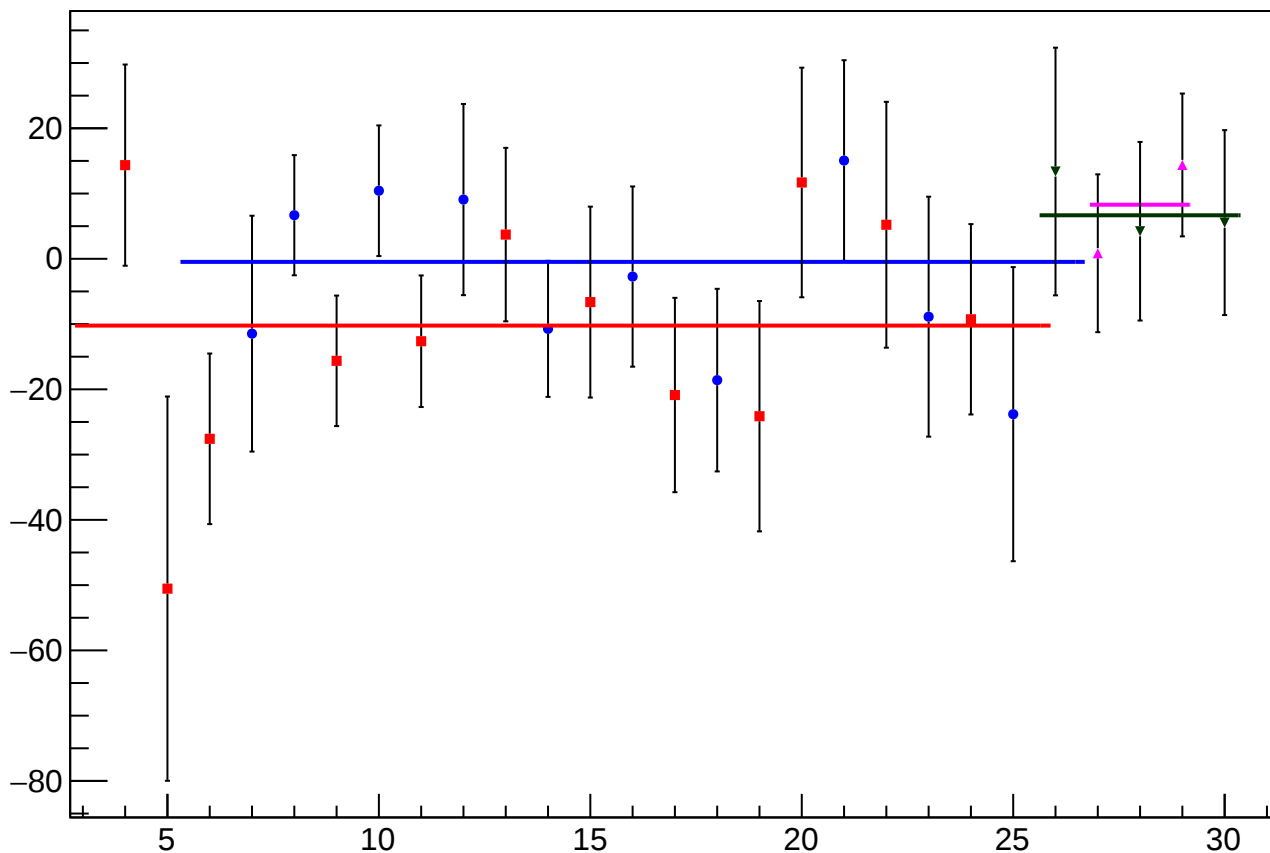
Right Out: 3475.466+/-1.116 χ^2/NDF : 3010113.2/11

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

3900.847+/-1.095 χ^2/NDF : 3093617.5/12

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

diff_bpm4eX_mean vs slug



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

Left Out: 6.668 ± 8.737 χ^2/NDF : 0.2/2

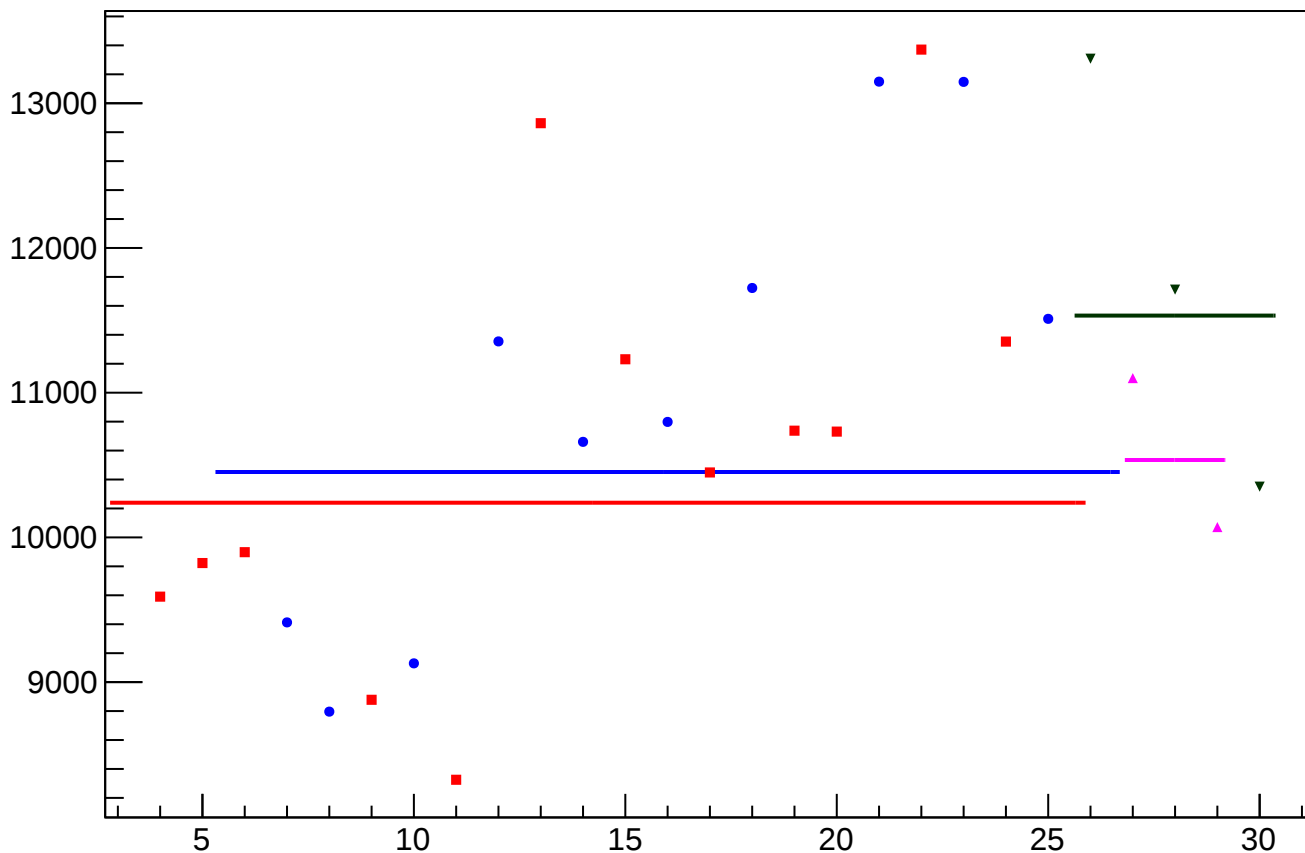
Right Out: -10.234 ± 4.087 χ^2/NDF : 11.1/11

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

0.841 ± 3.745 χ^2/NDF : 8.3/12

-6.485 ± 3.650 χ^2/NDF : 15.9/13

diff_bpm4eX_rms vs slug



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

Left Out: 11532.740+/-6.178 χ^2/NDF : 31772.6/2

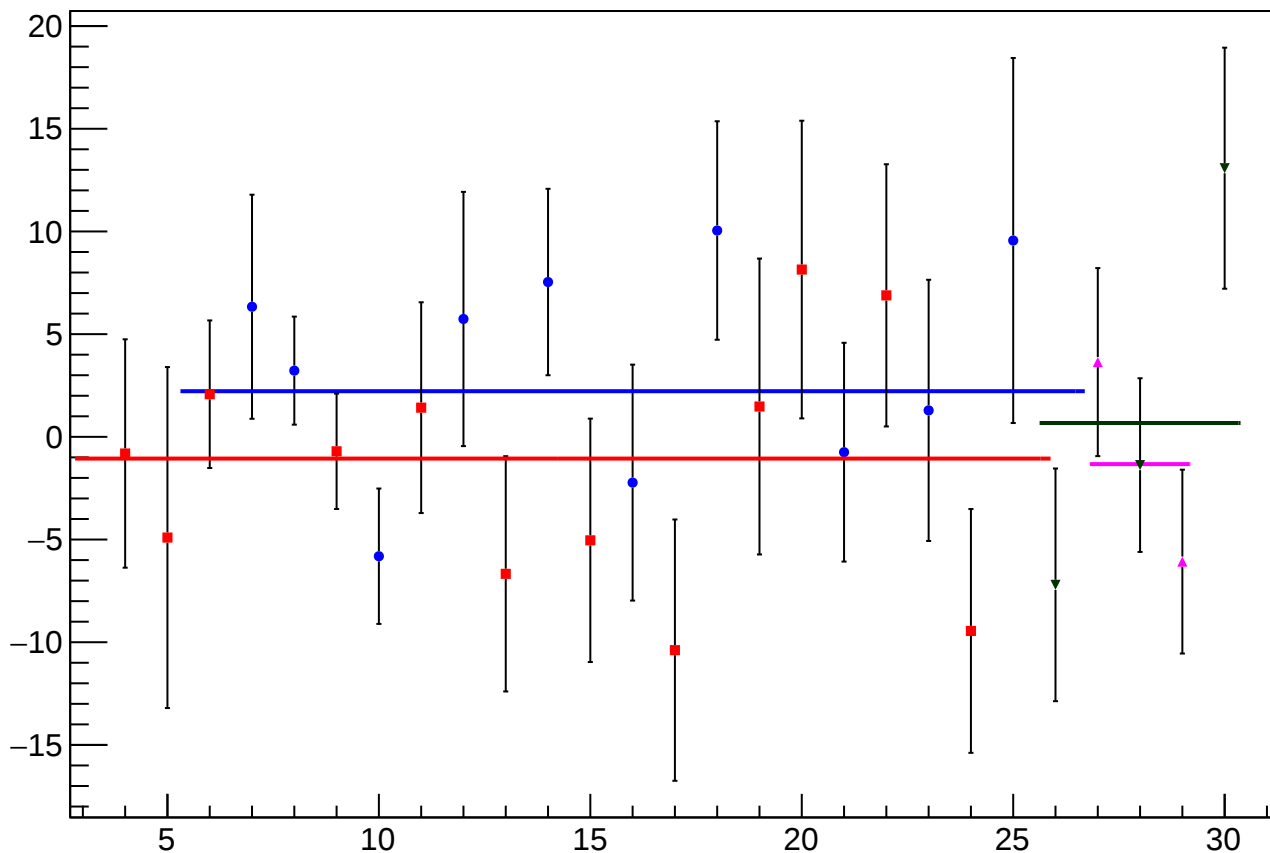
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

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

10650.505+/-2.648 χ^2/NDF : 298120.8/12

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

diff_bpm4eY_mean vs slug



Right In: 2.222 $\pm$ 1.439 χ^2 /NDF: 12.1/9

Left Out: 0.674 $\pm$ 2.934 χ^2 /NDF: 6.6/2

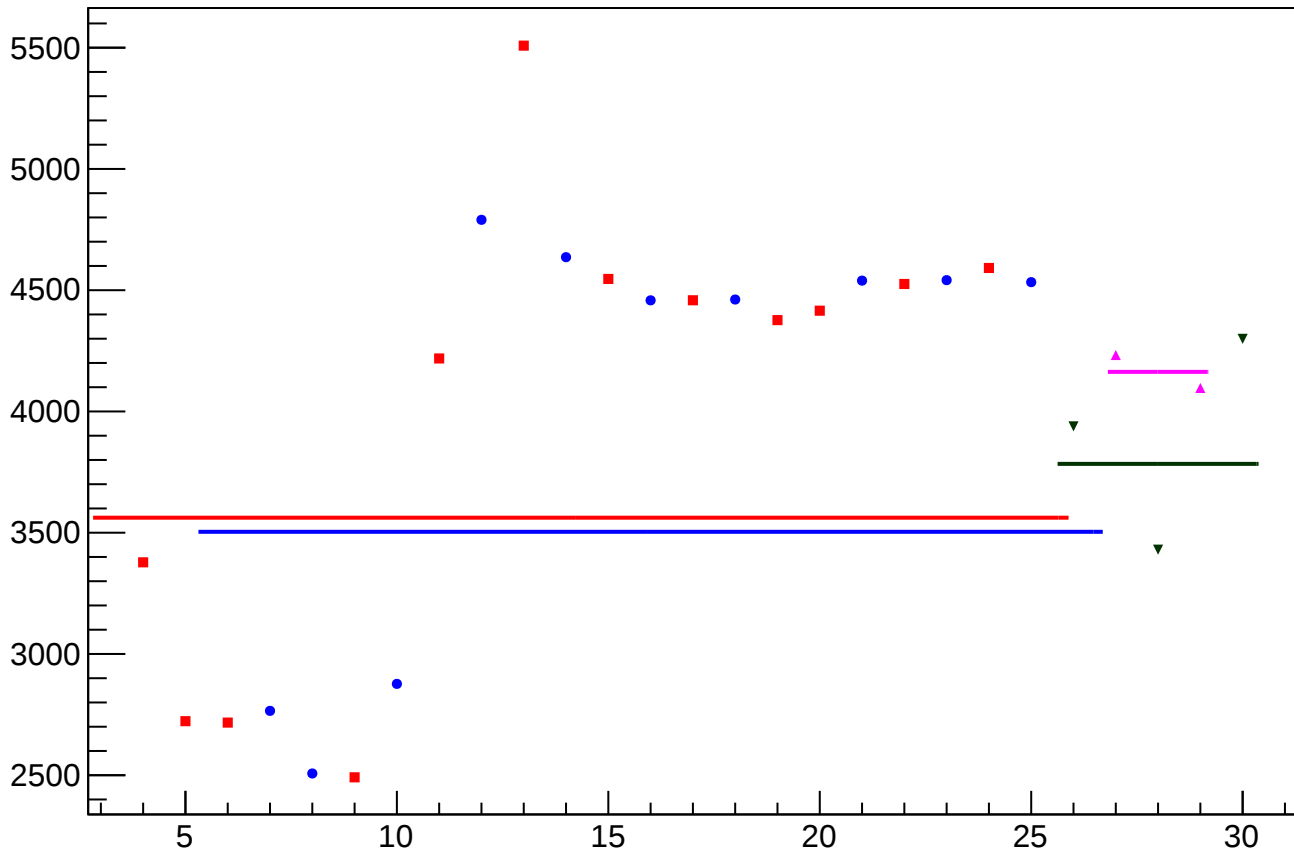
Right Out: -1.058 $\pm$ 1.468 χ^2 /NDF: 10.1/11

Left In: -1.327 $\pm$ 3.200 χ^2 /NDF: 2.3/1

1.922 $\pm$ 1.292 χ^2 /NDF: 19.0/12

-1.105 $\pm$ 1.334 χ^2 /NDF: 12.4/13

diff_bpm4eY_rms vs slug



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

Left Out: 3783.879+/-2.075 χ^2/NDF : 30935.9/2

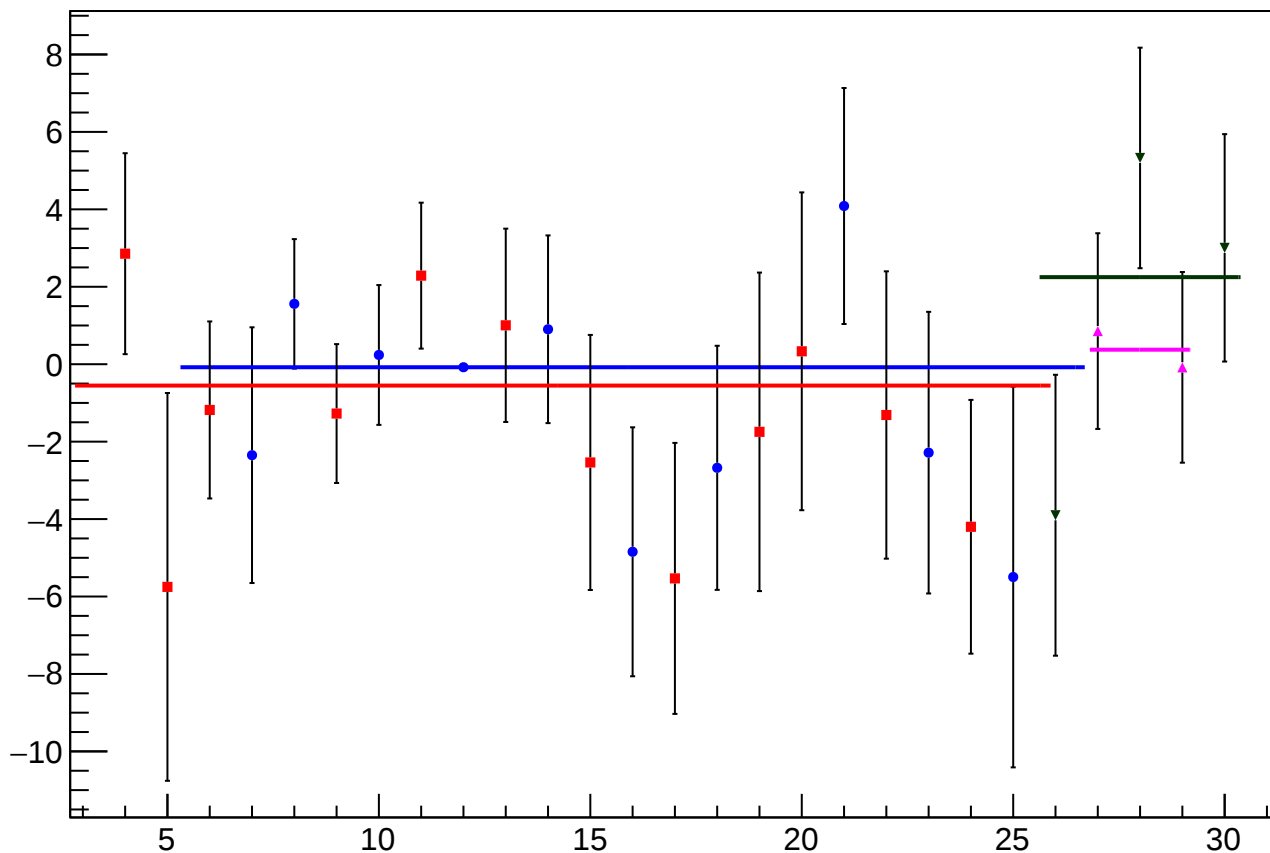
3558.044+/-0.913 χ^2/NDF : 928478.5/12

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

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

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

diff_bpm4acX_mean vs slug



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

Left Out: 2.249 ± 1.781 χ^2/NDF : 4.1/2

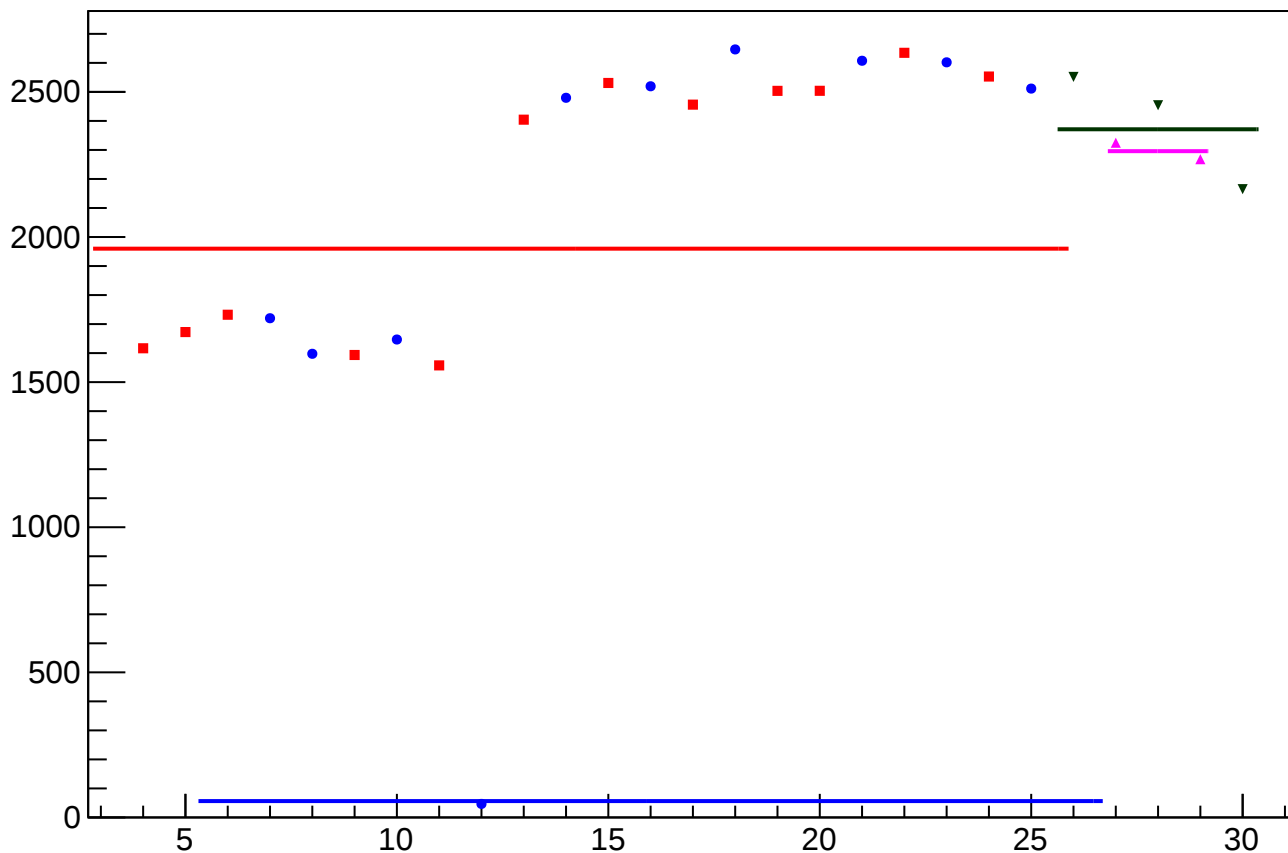
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

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

-0.076 ± 0.060 χ^2/NDF : 13.8/12

-0.396 ± 0.723 χ^2/NDF : 9.8/13

diff_bpm4acX_rms vs slug



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

Left Out: 2371.208+/-1.259 χ^2/NDF : 16512.2/2

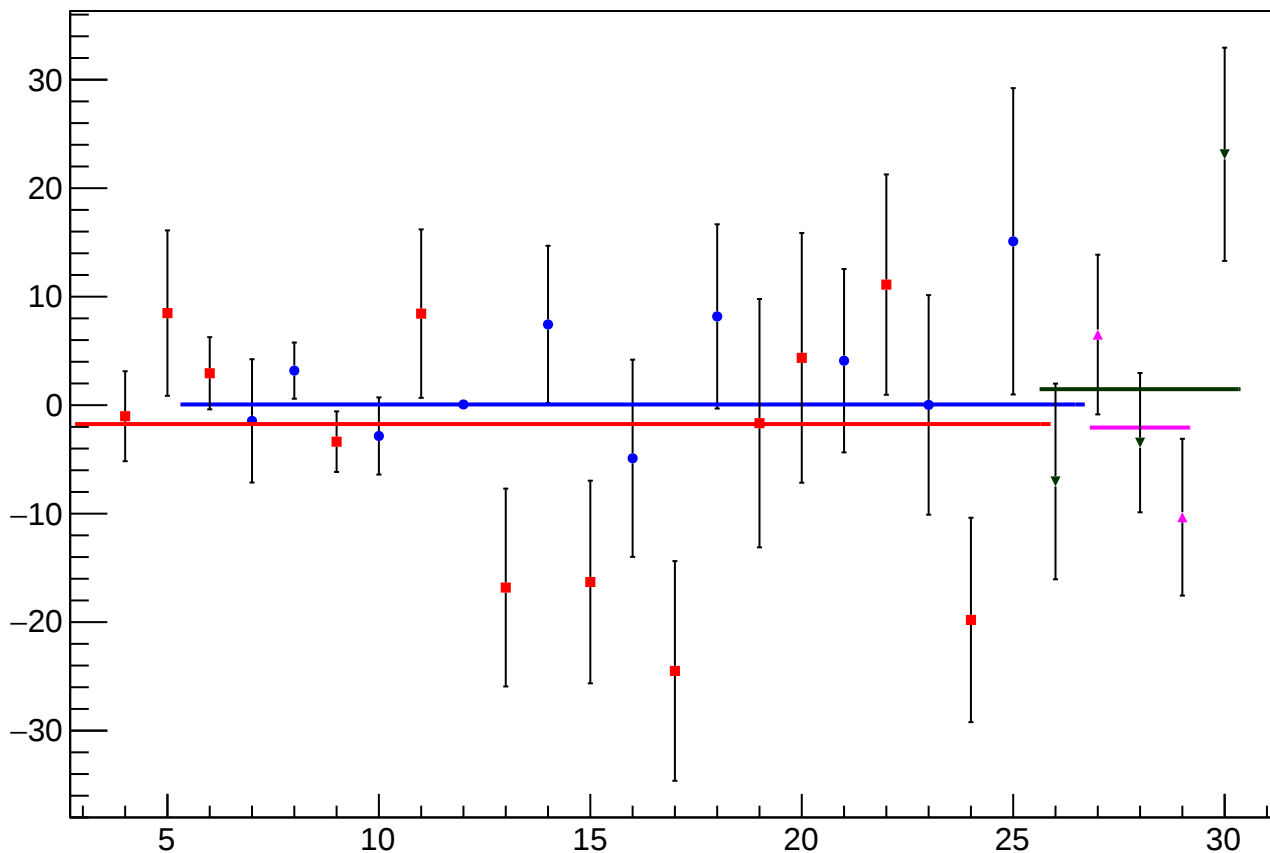
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

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

59.066+/-0.043 χ^2/NDF : 14604036.6/12

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

diff_bpm4acY_mean vs slug



Right In: 0.065 $\pm$ 0.052 χ^2 /NDF: 5.8/9

Left Out: 1.474 $\pm$ 4.617 χ^2 /NDF:6.3/2

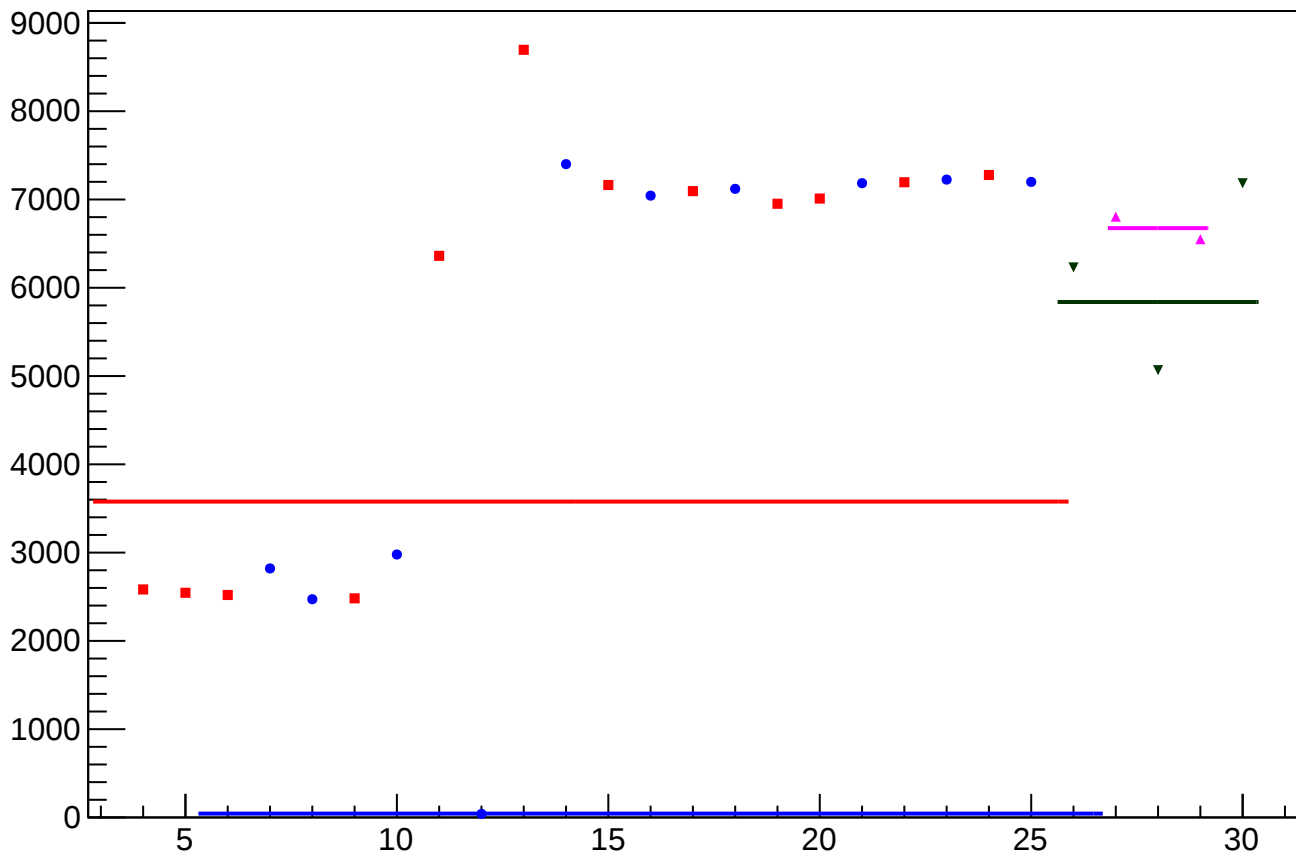
Right Out: -1.741 $\pm$ -1.623 χ^2 /NDF: 21.6/11

Left In: -2.064 $\pm$ -5.156 χ^2 /NDF:2.7/1

0.066 $\pm$ -0.052 χ^2 /NDF: 12.2/12

-1.771 $\pm$ -1.548 χ^2 /NDF: 24.3/13

diff_bpm4acY_rms vs slug



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

Left Out: 5838.884+/-3.265 χ^2 /NDF: 70165.6/2

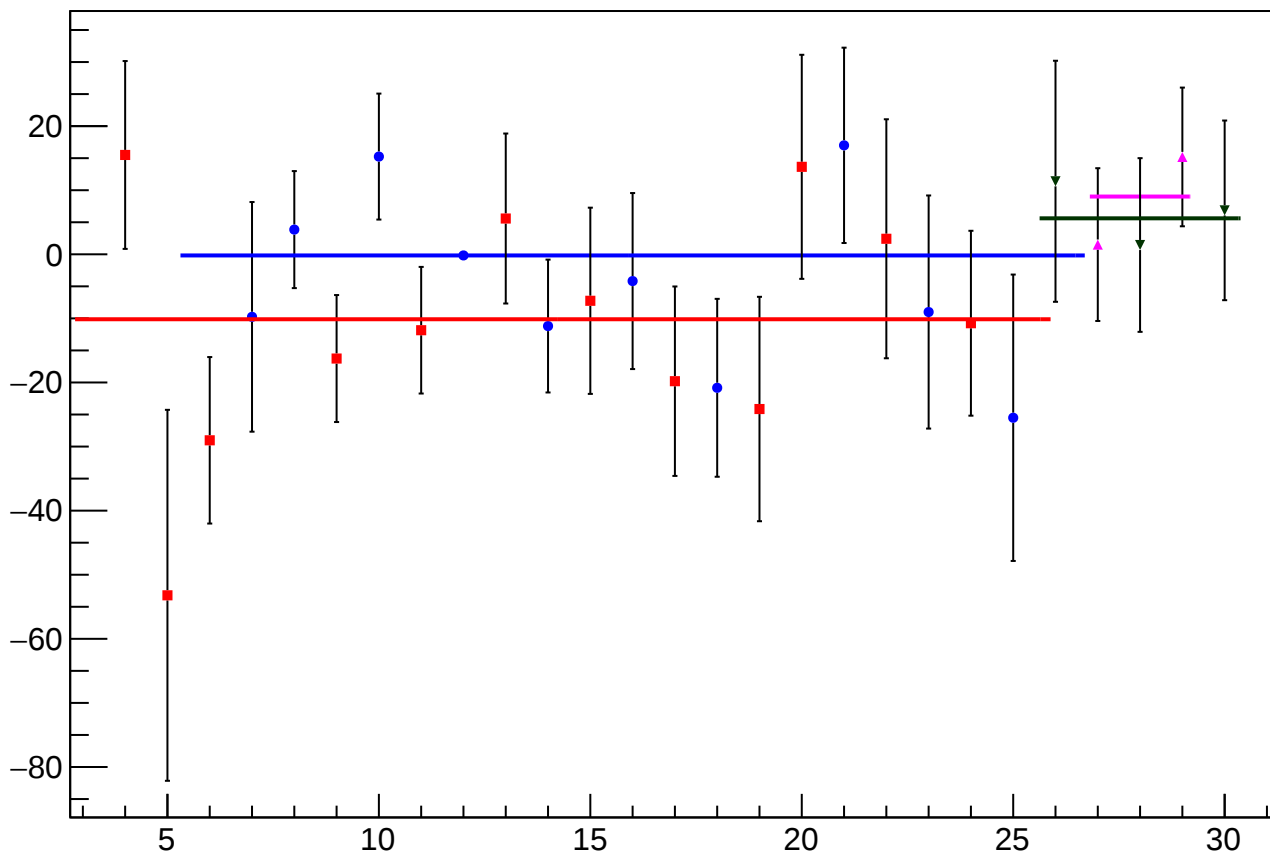
44.369+/-0.037 χ^2 /NDF: 14410743.5/12

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

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

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

diff_bpm4ecX_mean vs slug



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

Left Out: 5.614 ± 8.651 χ^2/NDF : 0.2/2

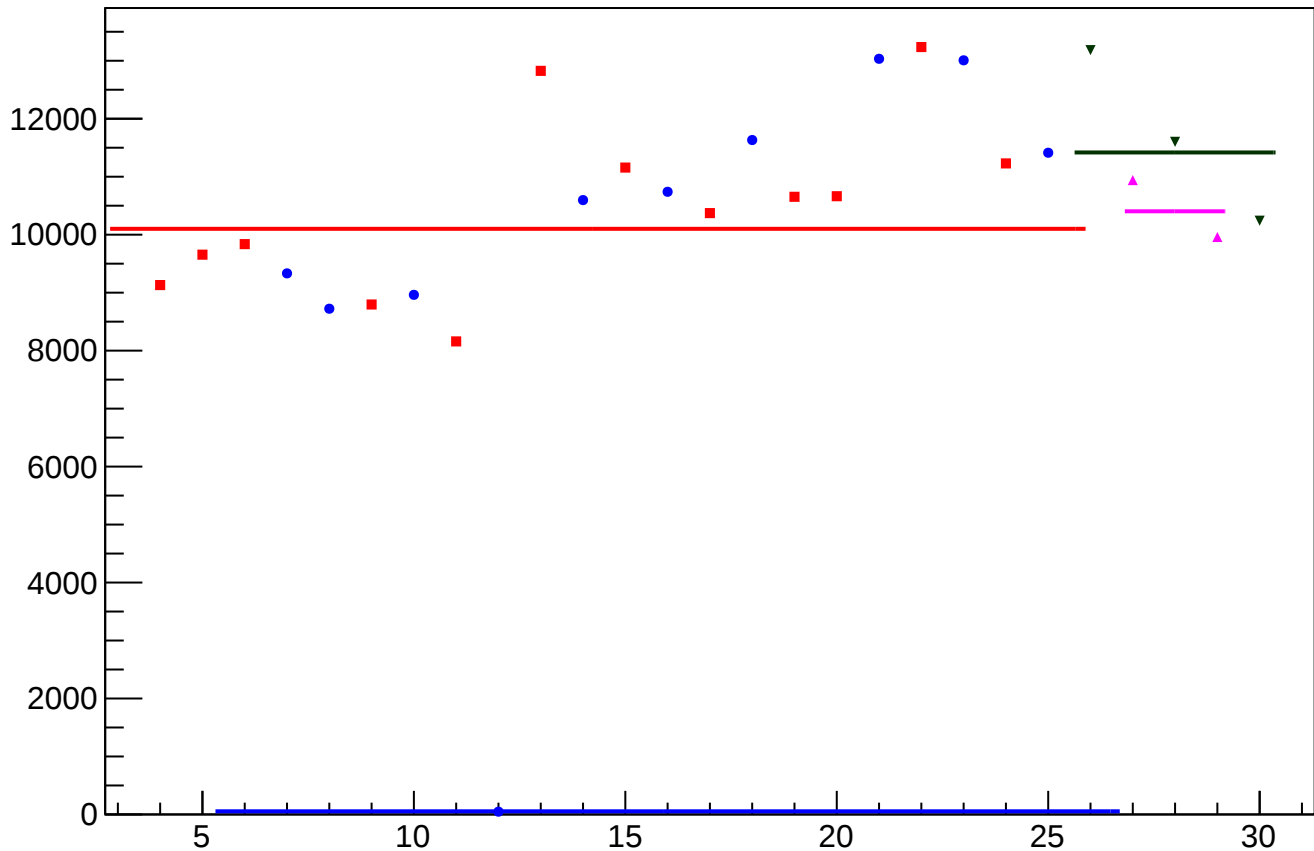
Right Out: -10.134 ± 4.035 χ^2/NDF : 12.6/11

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

-0.177 ± 0.107 χ^2/NDF : 9.8/12

-6.261 ± 3.604 χ^2/NDF : 17.9/13

diff_bpm4ecX_rms vs slug



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

Left Out: 11418.114+/-6.117 χ^2 /NDF:32082.6/2

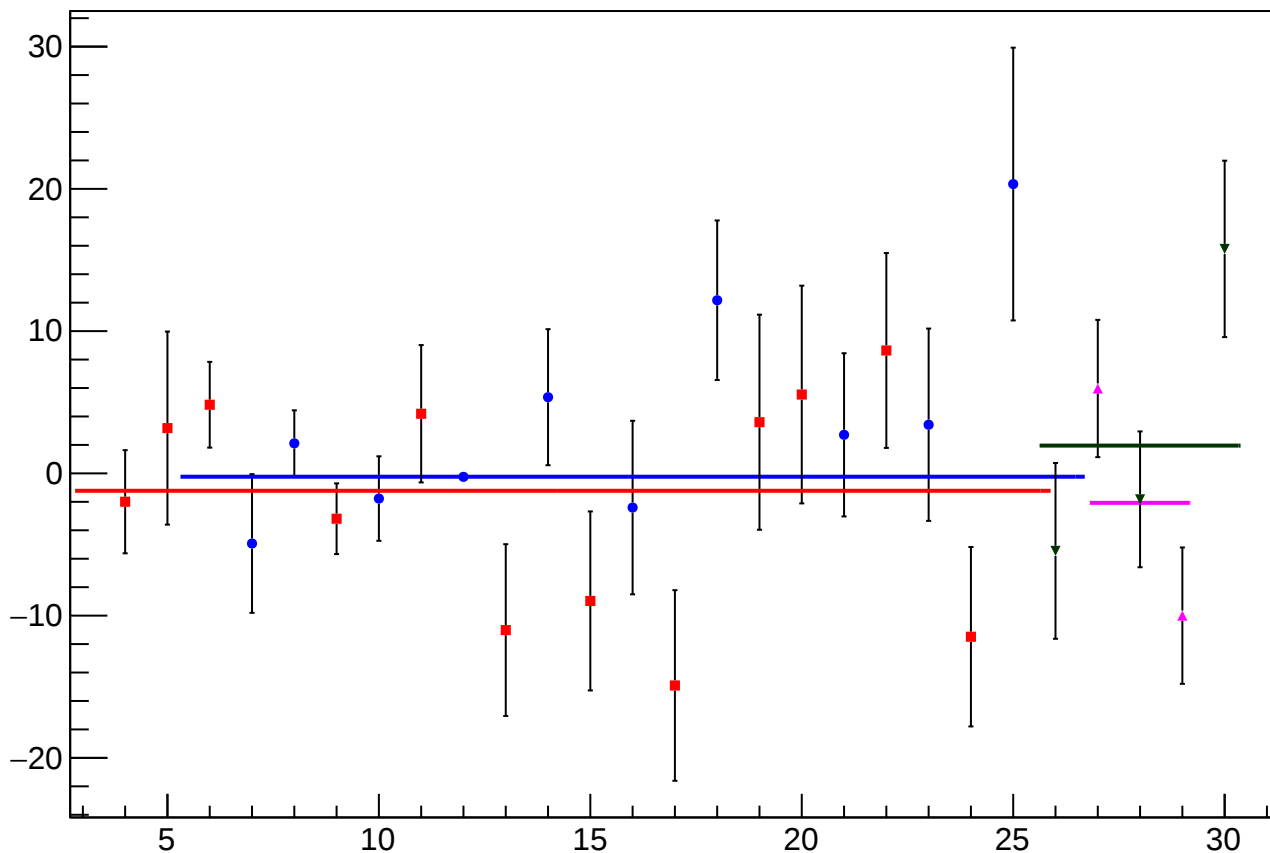
56.080+/-0.075 χ^2 /NDF: 15126859.6/12

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

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

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

diff_bpm4ecY_mean vs slug



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

Left Out: 1.953 ± 3.226 χ^2/NDF : 7.0/2

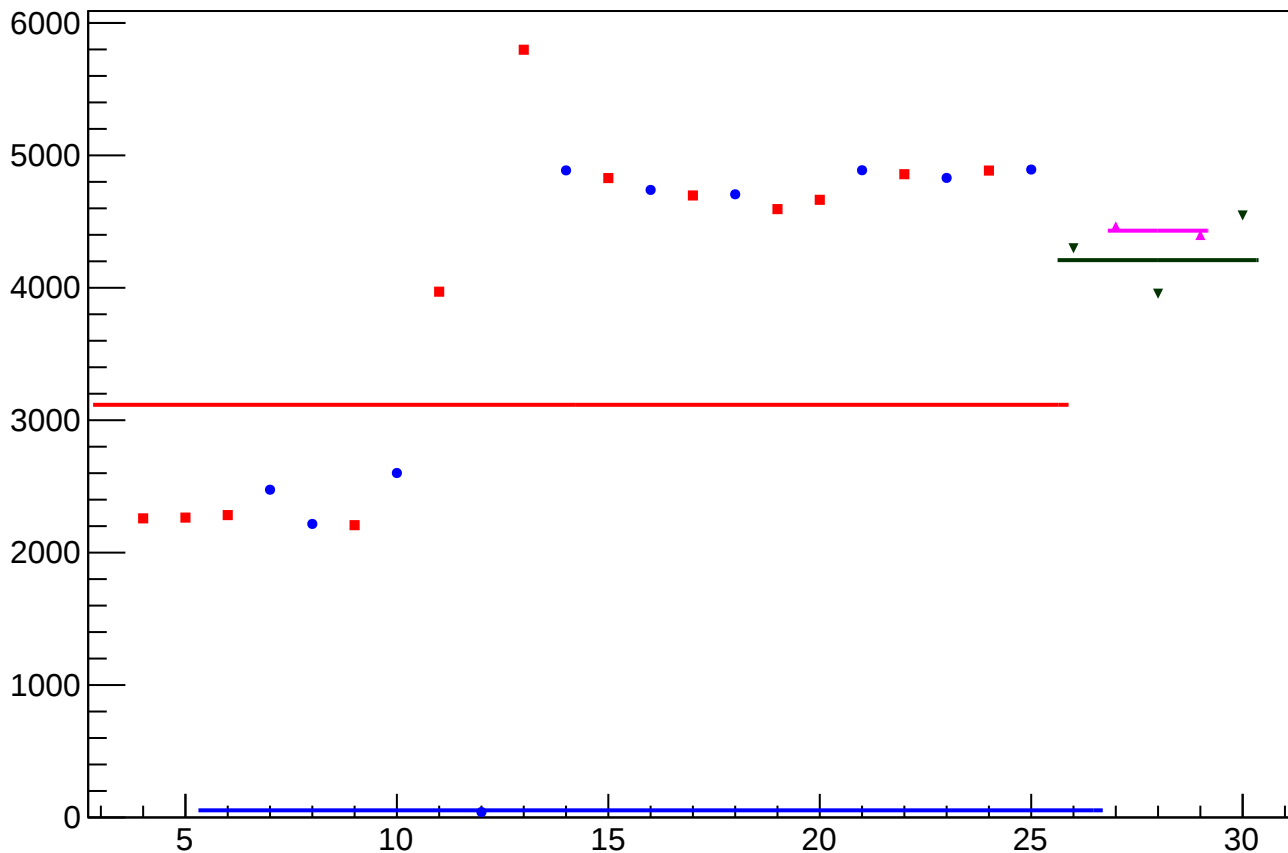
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

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

-0.233 ± 0.090 χ^2/NDF : 21.3/12

-1.335 ± 1.236 χ^2/NDF : 26.2/13

diff_bpm4ecY_rms vs slug



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

Left Out: 4208.882+/-2.281 χ^2/NDF :11977.0/2

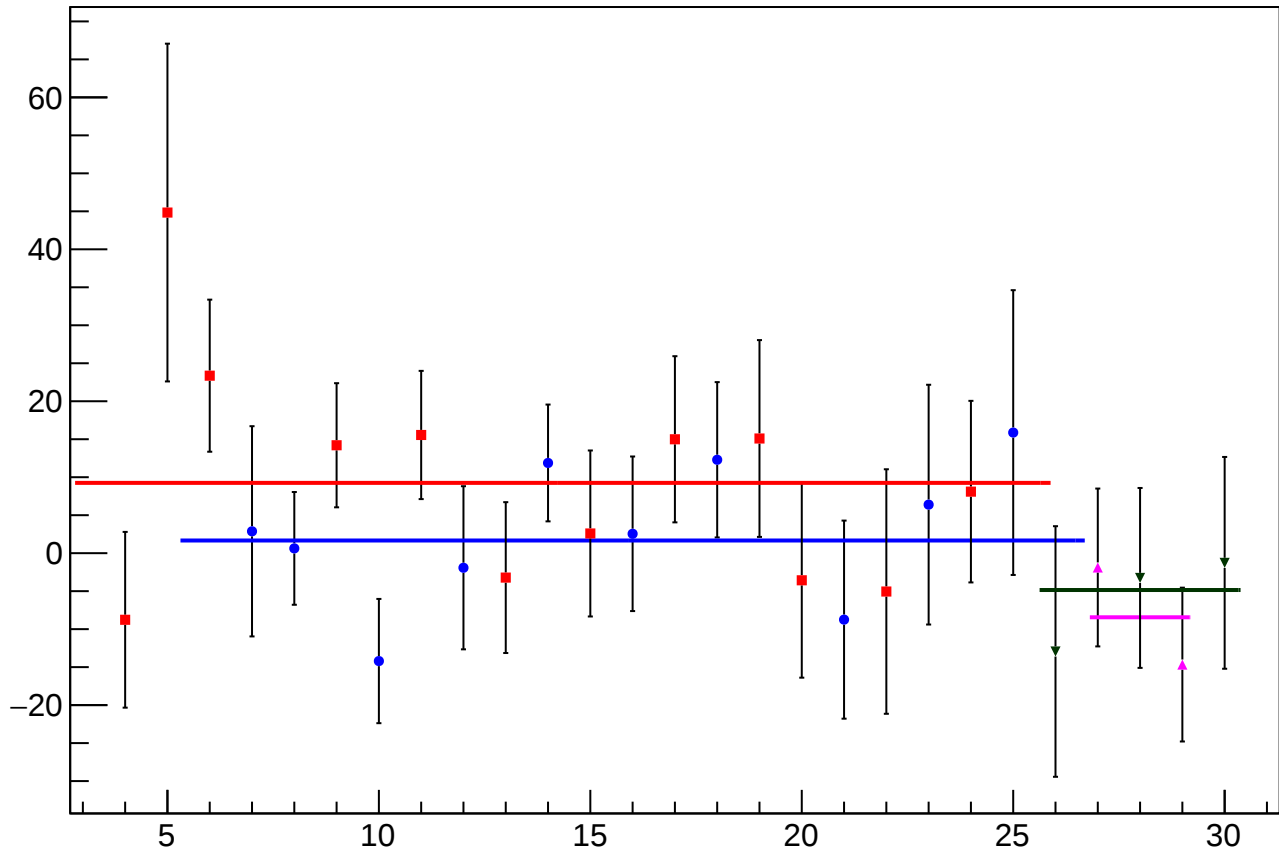
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

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

57.035+/-0.064 χ^2/NDF : 14595701.9/12

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

diff_bpm1X_mean vs slug



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

Left Out: -4.849 ± 7.917 χ^2/NDF : 0.3/2

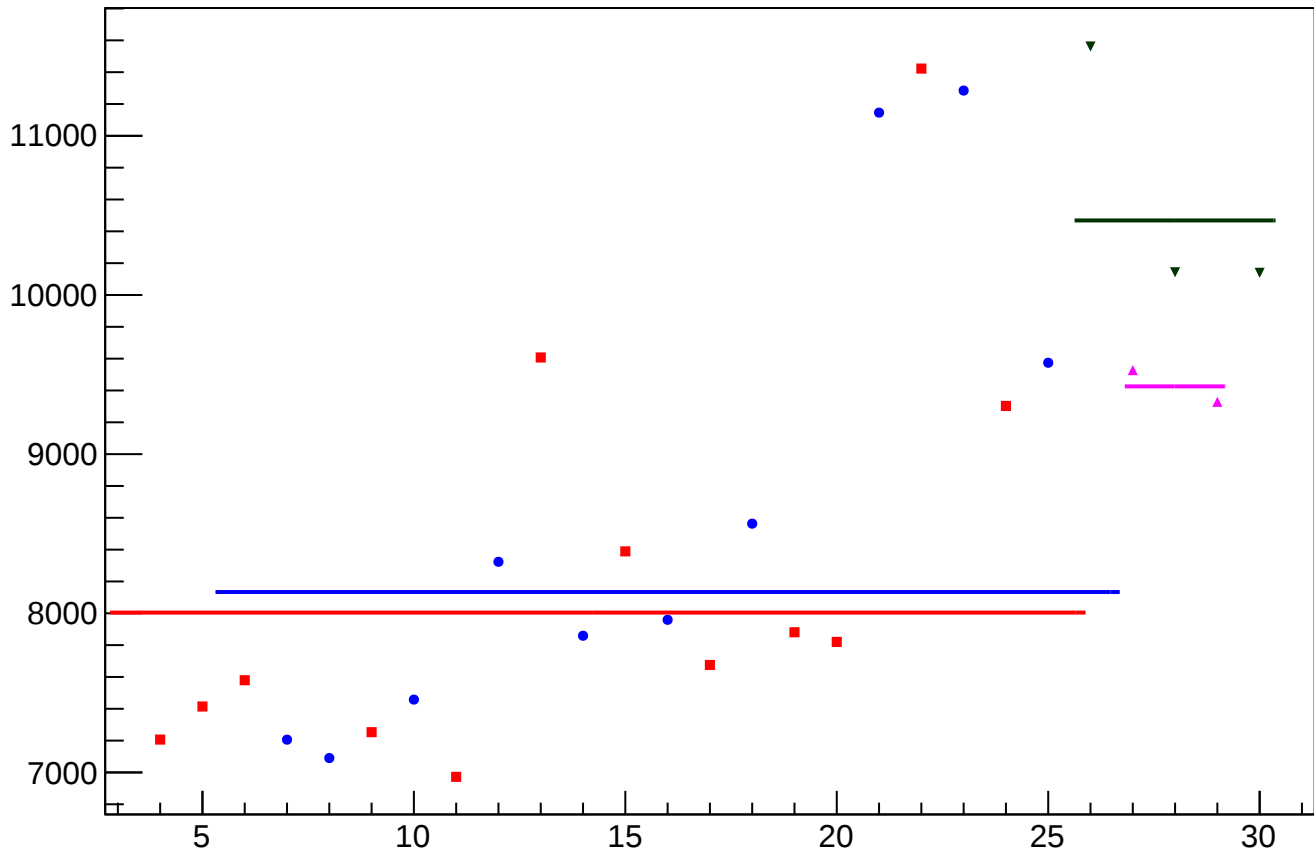
Right Out: 9.254 ± 3.190 χ^2/NDF : 12.1/11

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

0.740 ± 2.990 χ^2/NDF : 9.0/12

6.386 ± 2.920 χ^2/NDF : 17.9/13

diff_bpm1X_rms vs slug



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

Left Out: 10468.411+/-5.598 χ^2/NDF : 11406.4/2

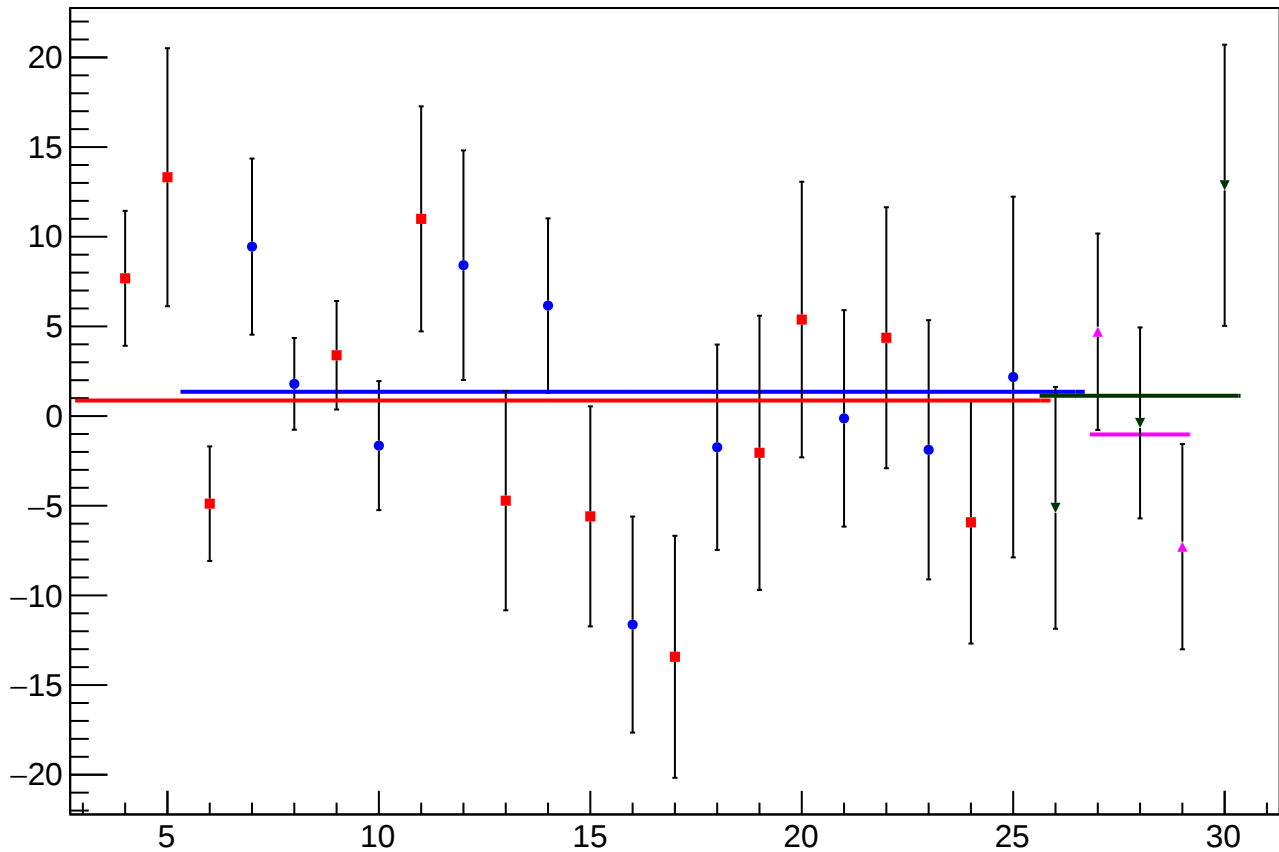
8466.662+/-2.114 χ^2/NDF : 428298.4/12

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

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

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

diff_bpm1Y_mean vs slug



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

Left Out: 1.132 ± 3.687 χ^2/NDF : 3.2/2

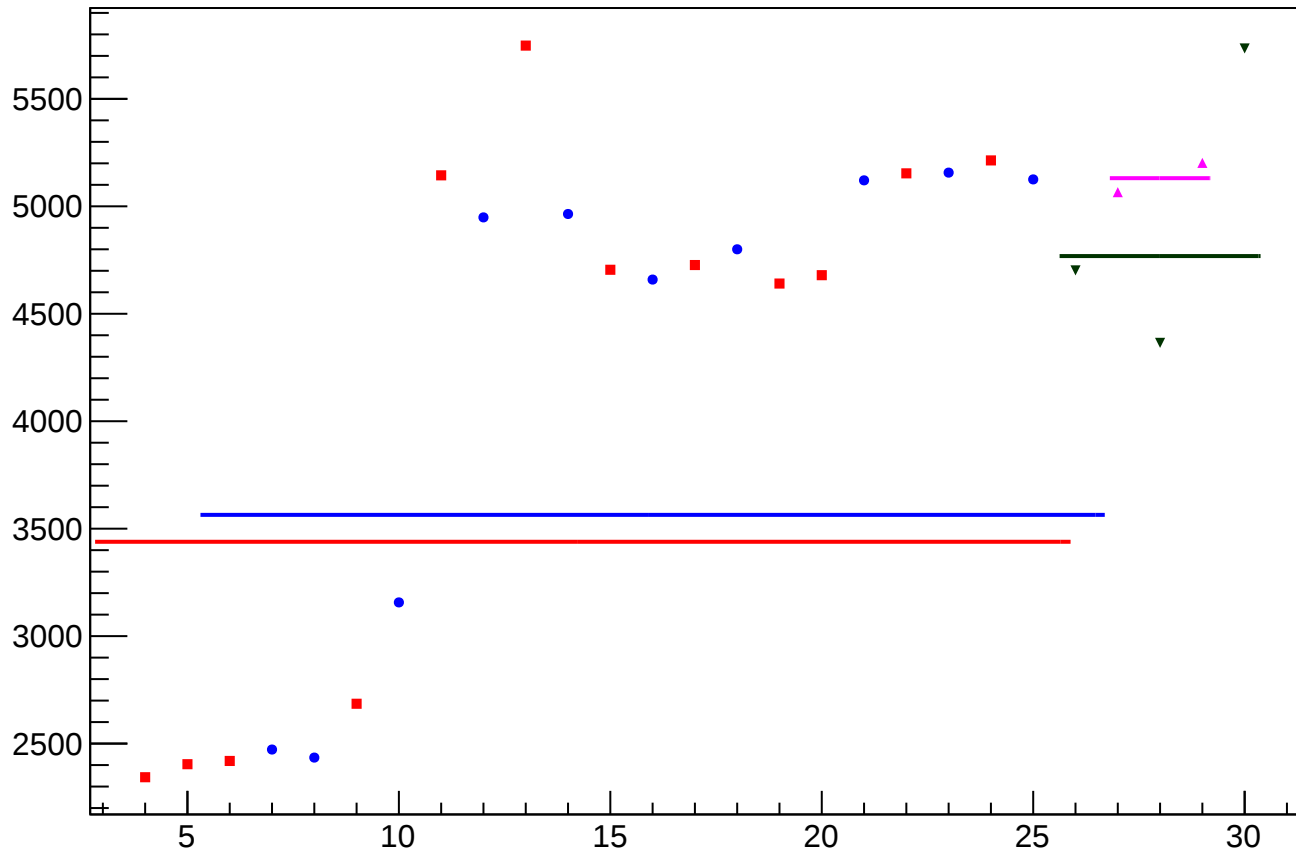
Right Out: 0.868 ± 1.454 χ^2/NDF : 21.0/11

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

1.323 ± 1.378 χ^2/NDF : 14.0/12

0.643 ± 1.365 χ^2/NDF : 23.5/13

diff_bpm1Y_rms vs slug



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

Left Out: 4768.512 ± 2.607 χ^2/NDF : 42069.0/2

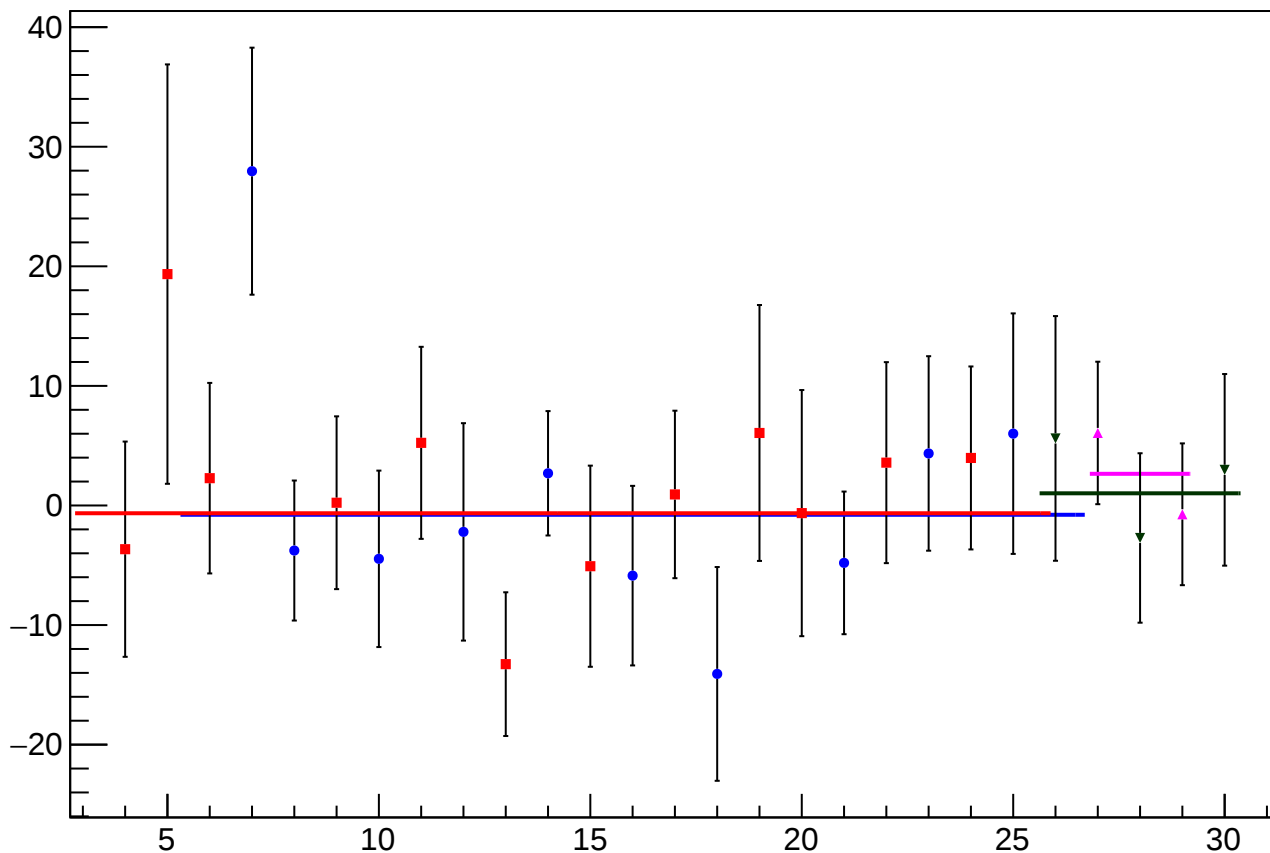
Right Out: 3439.033 ± 1.028 χ^2/NDF : 1480366.2/11

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

3732.501 ± 0.975 χ^2/NDF : 1437032.9/12

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

diff_bpm11X_mean vs slug



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

Left Out: 1.018 ± 4.711 χ^2/NDF : 0.5/2

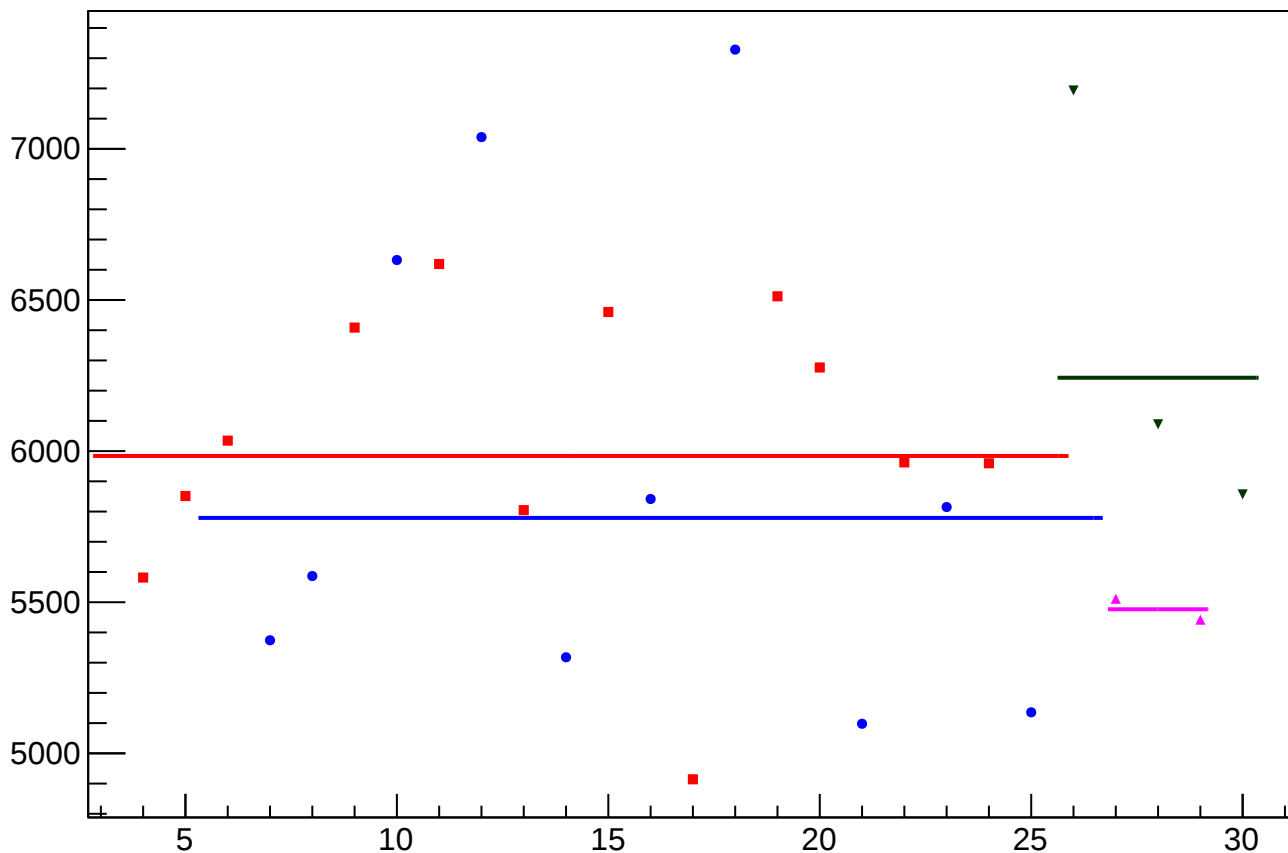
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

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

-0.433 ± 2.065 χ^2/NDF : 13.4/12

0.147 ± 2.066 χ^2/NDF : 9.0/13

diff_bpm11X_rms vs slug



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

Left Out: 6242.748 ± 3.331 χ^2/NDF : 22846.4/2

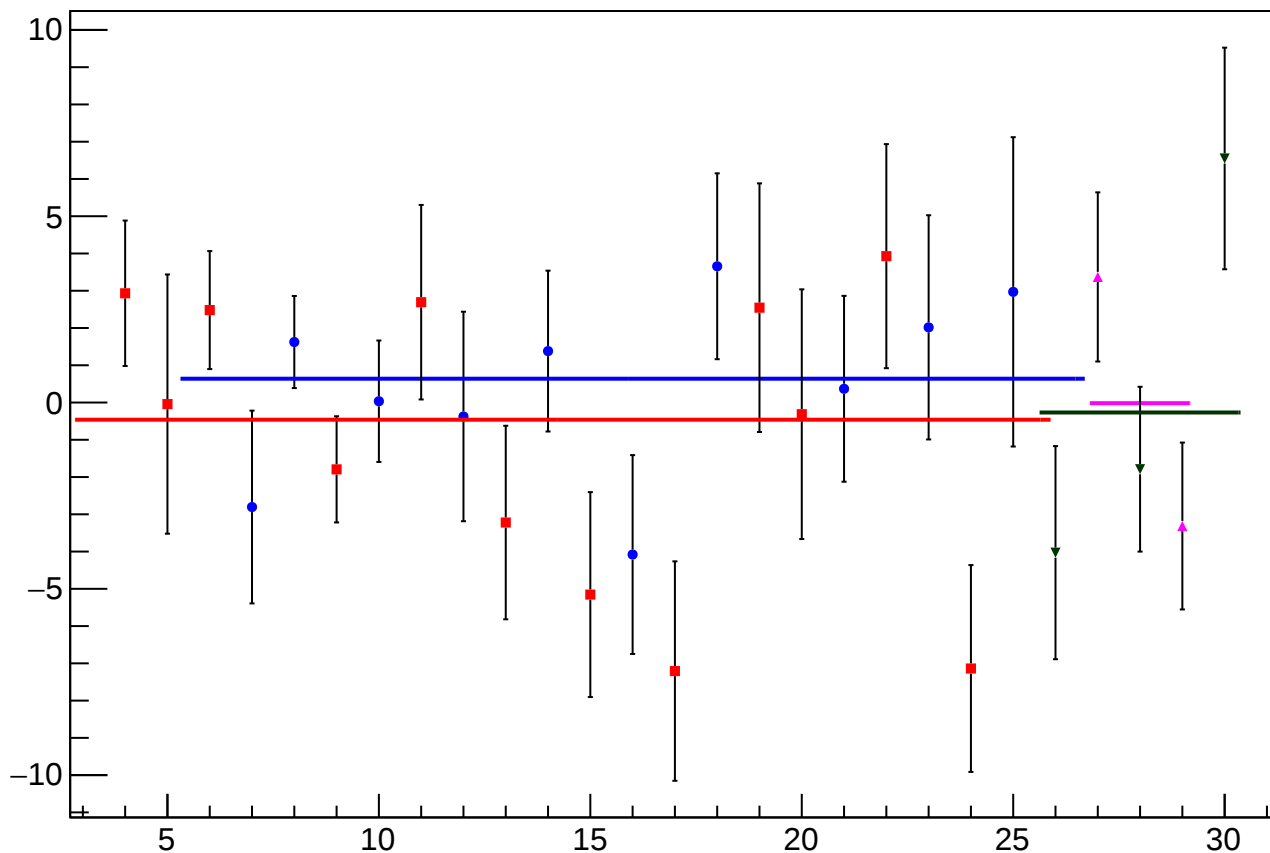
Right Out: 5983.998 ± 1.678 χ^2/NDF : 85007.6/11

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

5868.153 ± 1.460 χ^2/NDF : 219174.9/12

5861.381 ± 1.461 χ^2/NDF : 107243.4/13

diff_bpm11Y_mean vs slug



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

Left Out: -0.267 ± 1.508 χ^2/NDF : 7.5/2

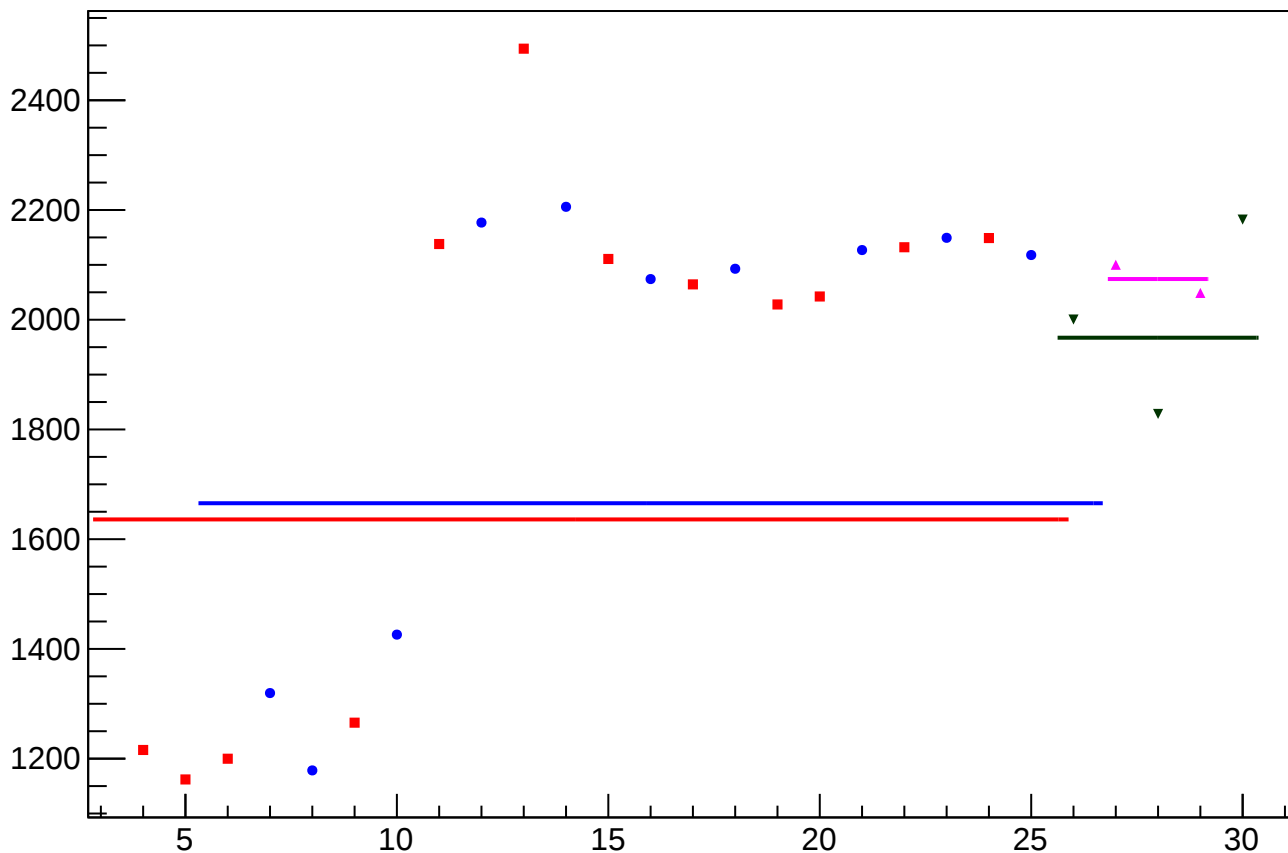
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: -0.017 ± 1.594 χ^2/NDF : 4.4/1

0.485 ± 0.621 χ^2/NDF : 15.7/12

-0.394 ± 0.621 χ^2/NDF : 31.3/13

diff_bpm11Y_rms vs slug



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

Left Out: 1967.232+/-1.066 χ^2/NDF :18646.3/2

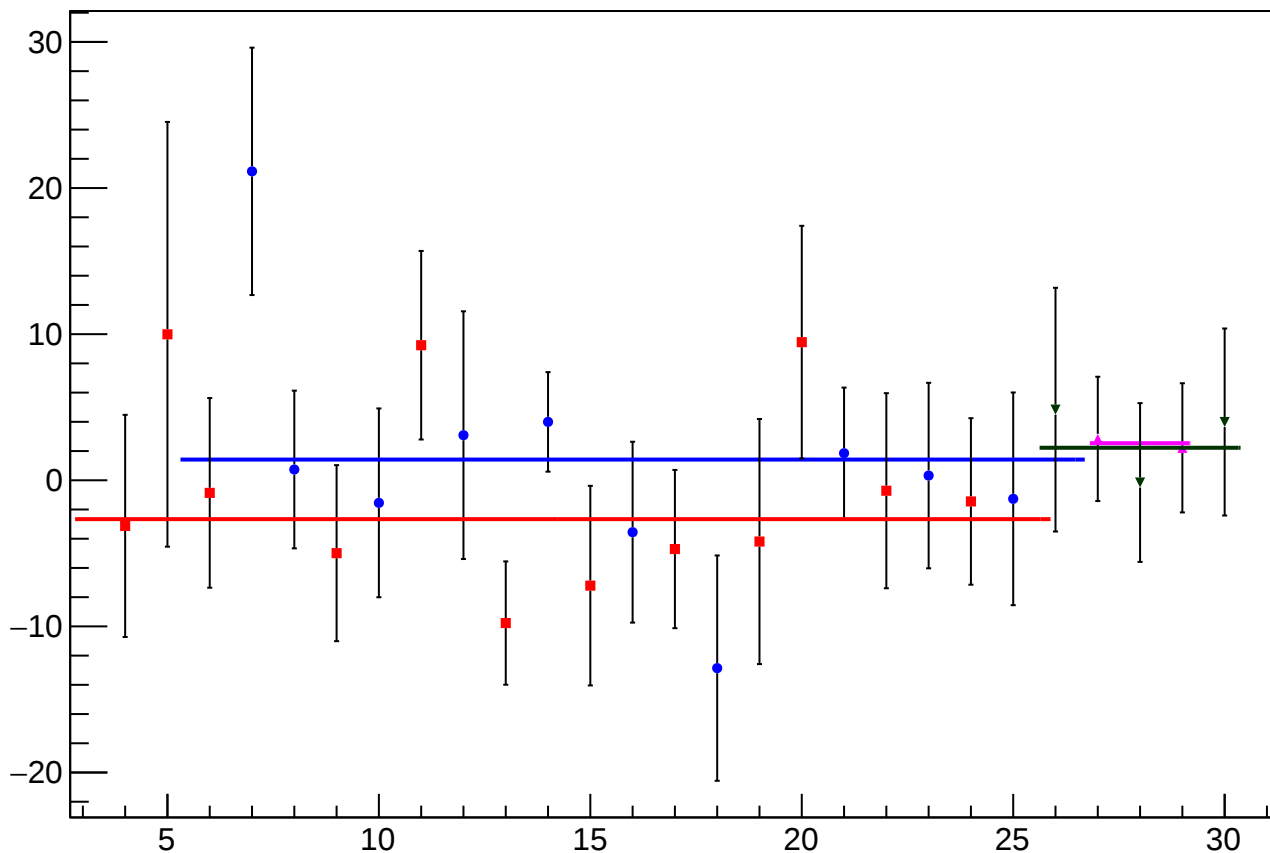
Right Out: 1636.018+/-0.477 χ^2/NDF : 990659.4/11

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

1716.729+/-0.439 χ^2/NDF : 915485.2/12

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

diff_bpm12X_mean vs slug



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

Left Out: 2.225+/-3.710 χ^2/NDF : 0.4/2

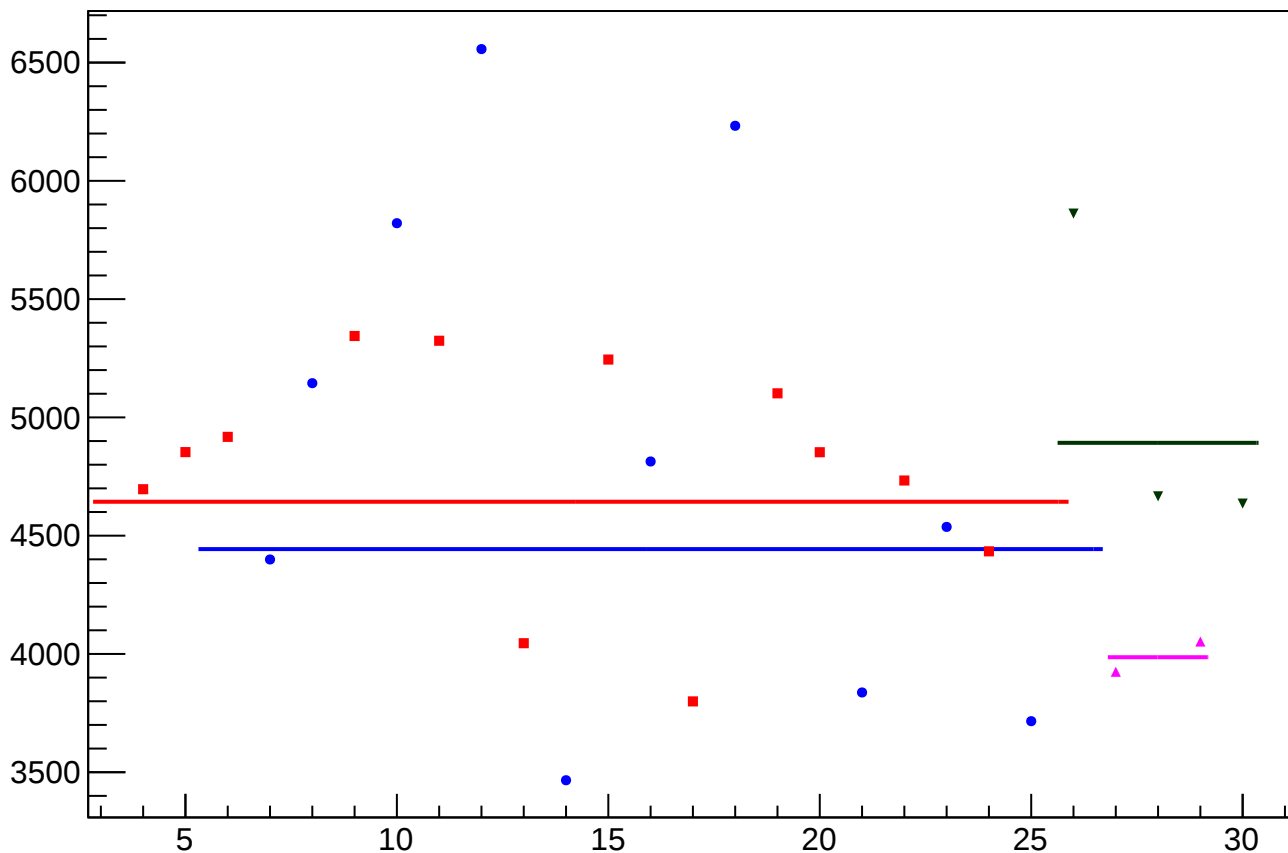
Right Out: -2.661+/-1.850 χ^2/NDF : 10.3/11

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

1.572+/-1.620 χ^2/NDF : 10.9/12

-1.273+/-1.584 χ^2/NDF : 12.4/13

diff_bpm12X_rms vs slug



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

Left Out: 4892.501+/-2.623 χ^2/NDF : 33687.6/2

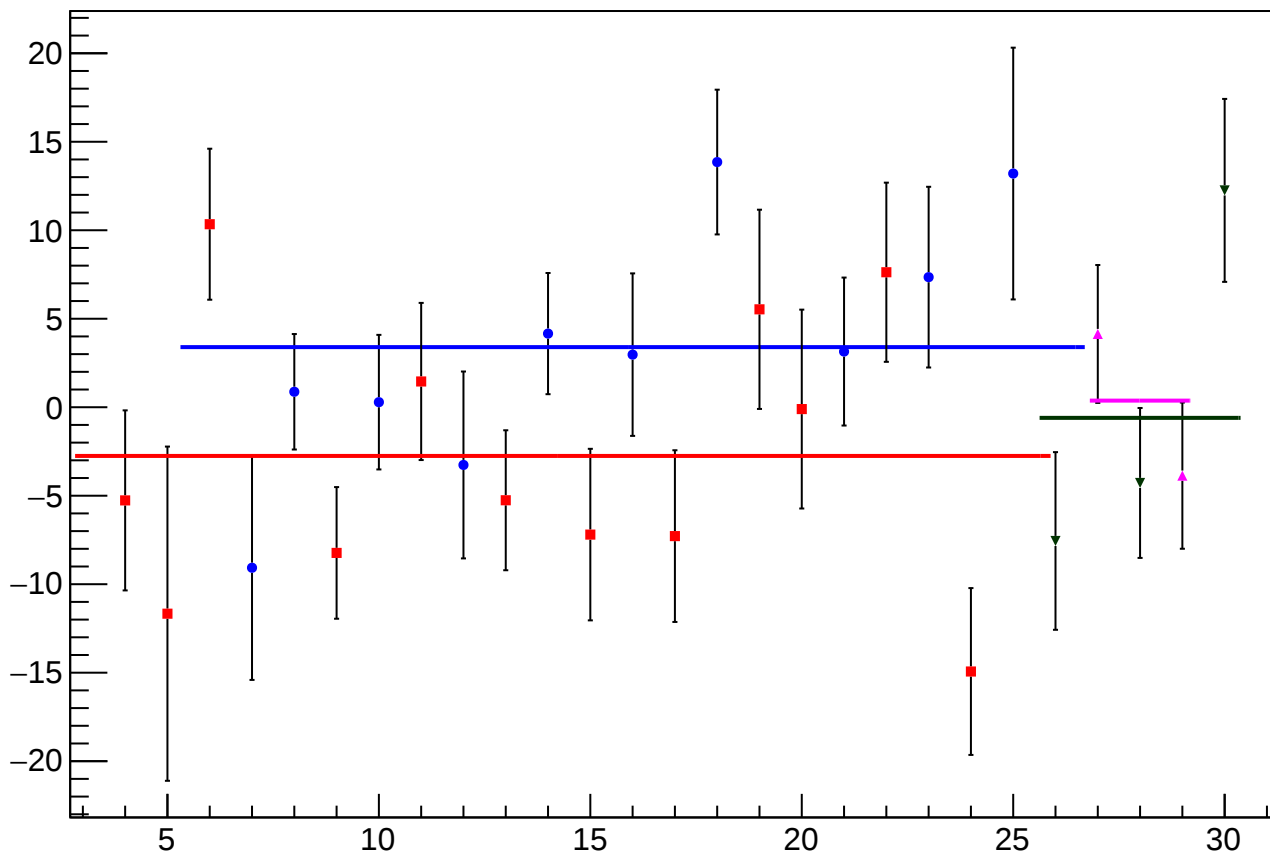
Right Out: 4643.387+/-1.308 χ^2/NDF : 168050.7/11

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

4528.864+/-1.145 χ^2/NDF : 642796.8/12

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

diff_bpm12Y_mean vs slug



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

Left Out: -0.601 ± 2.744 $\chi^2/\text{NDF}: 8.9/2$

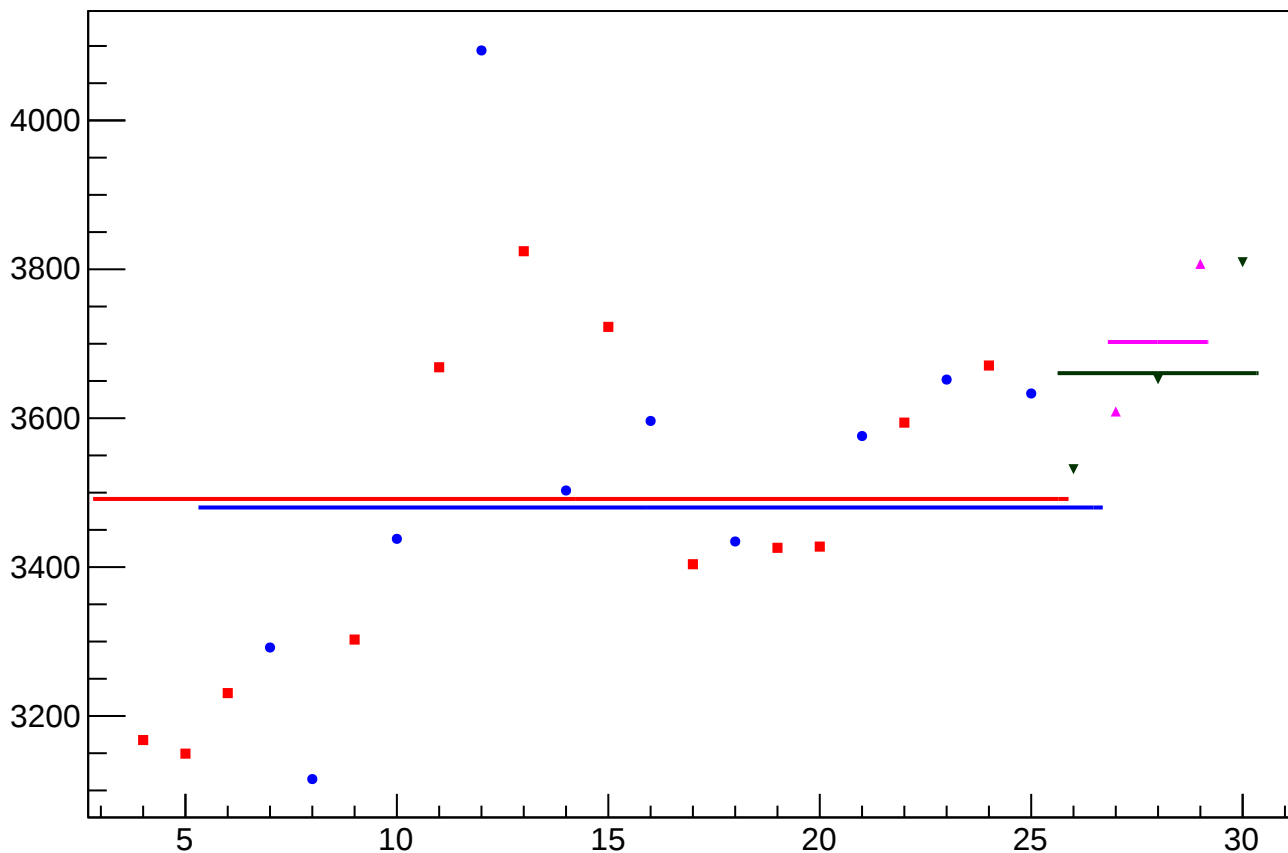
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

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

2.598 ± 1.227 $\chi^2/\text{NDF}: 26.4/12$

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

diff_bpm12Y_rms vs slug



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

Left Out: 3660.521+/-1.940 χ^2/NDF : 2991.0/2

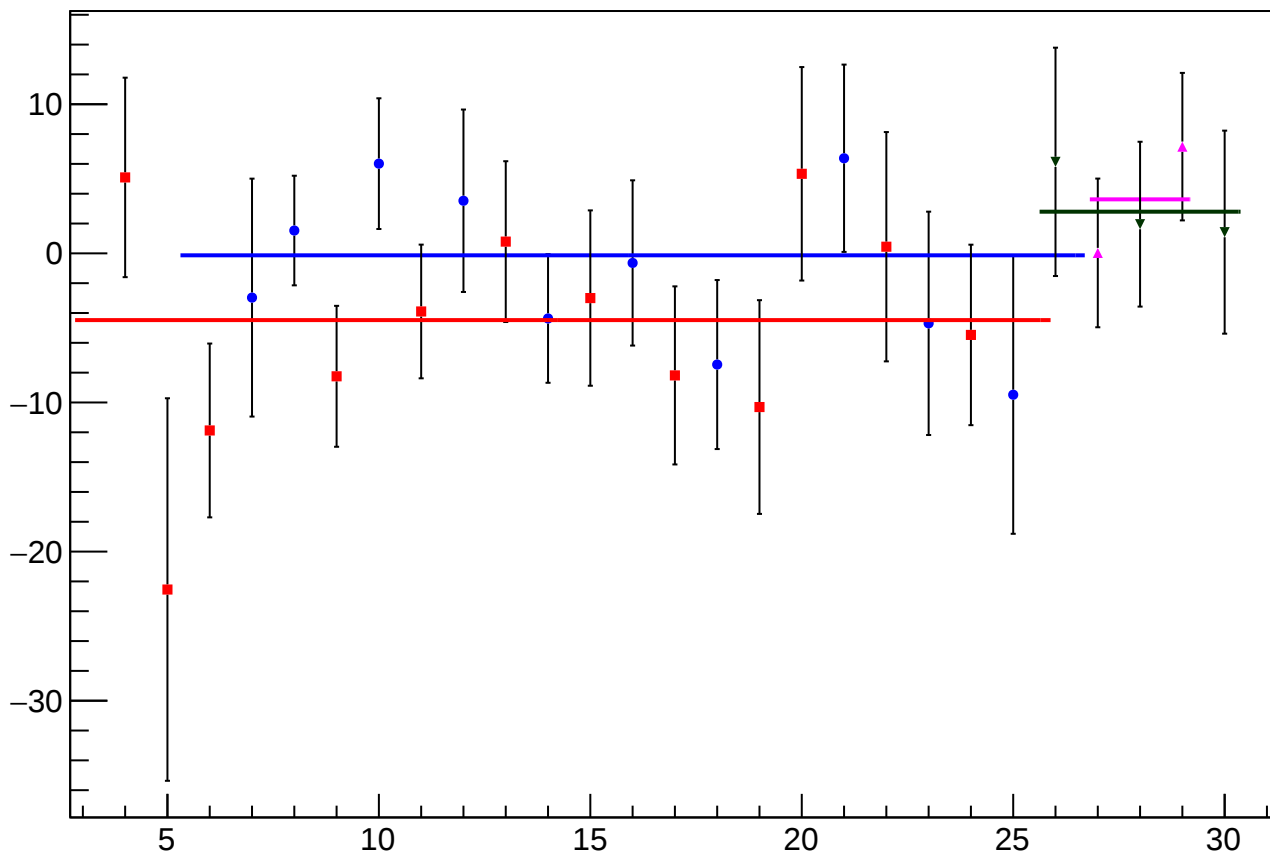
Right Out: 3491.537+/-0.977 χ^2/NDF : 50144.5/11

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

3516.137+/-0.867 χ^2/NDF : 69830.3/12

3531.994+/-0.878 χ^2/NDF : 61523.4/13

diff_bpm16X_mean vs slug



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

Left Out: 2.794 ± 3.743 χ^2/NDF : 0.3/2

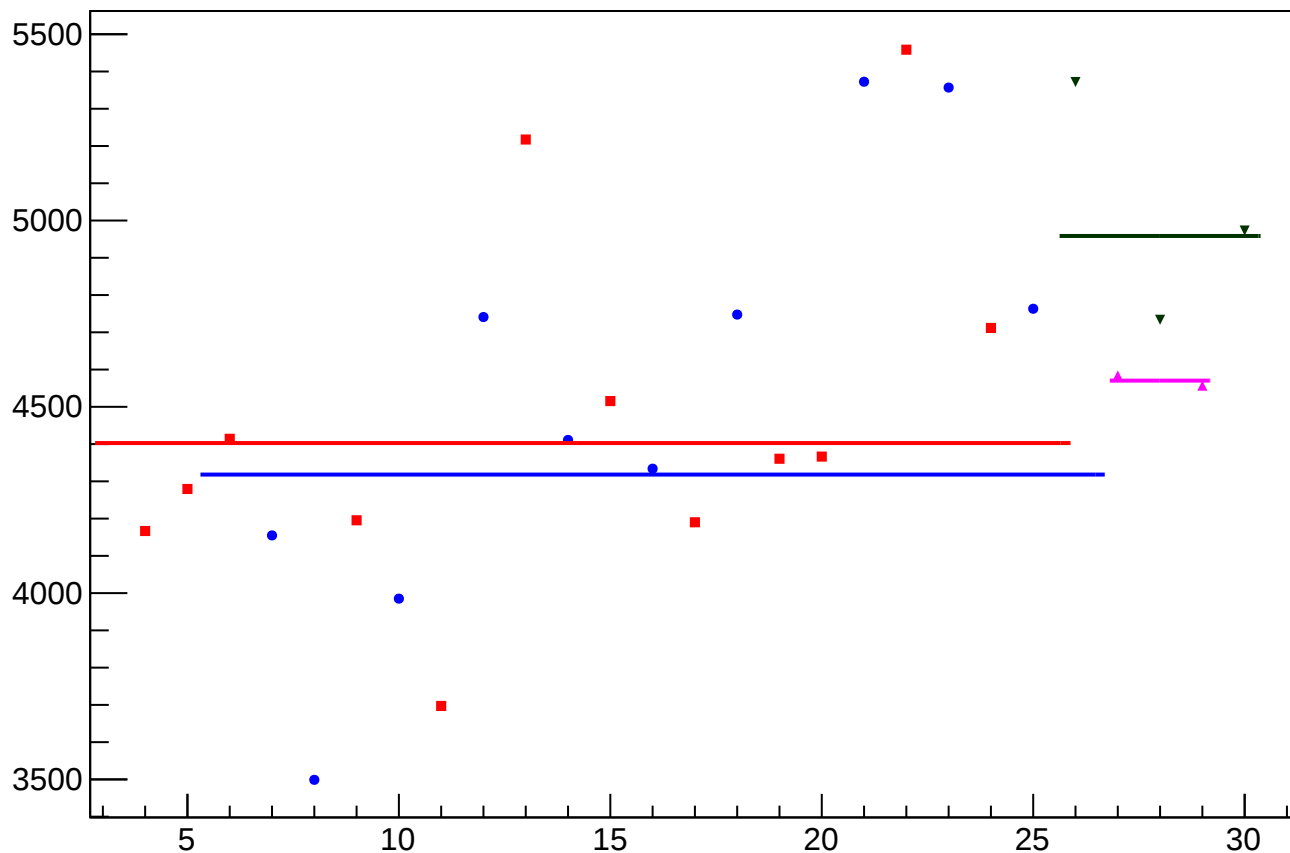
Right Out: -4.476 ± 1.749 χ^2/NDF : 10.7/11

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

0.375 ± 1.558 χ^2/NDF : 8.5/12

-2.867 ± 1.565 χ^2/NDF : 16.0/13

diff_bpm16X_rms vs slug



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

Left Out: 4958.582+/-2.647 χ^2/NDF : 9146.8/2

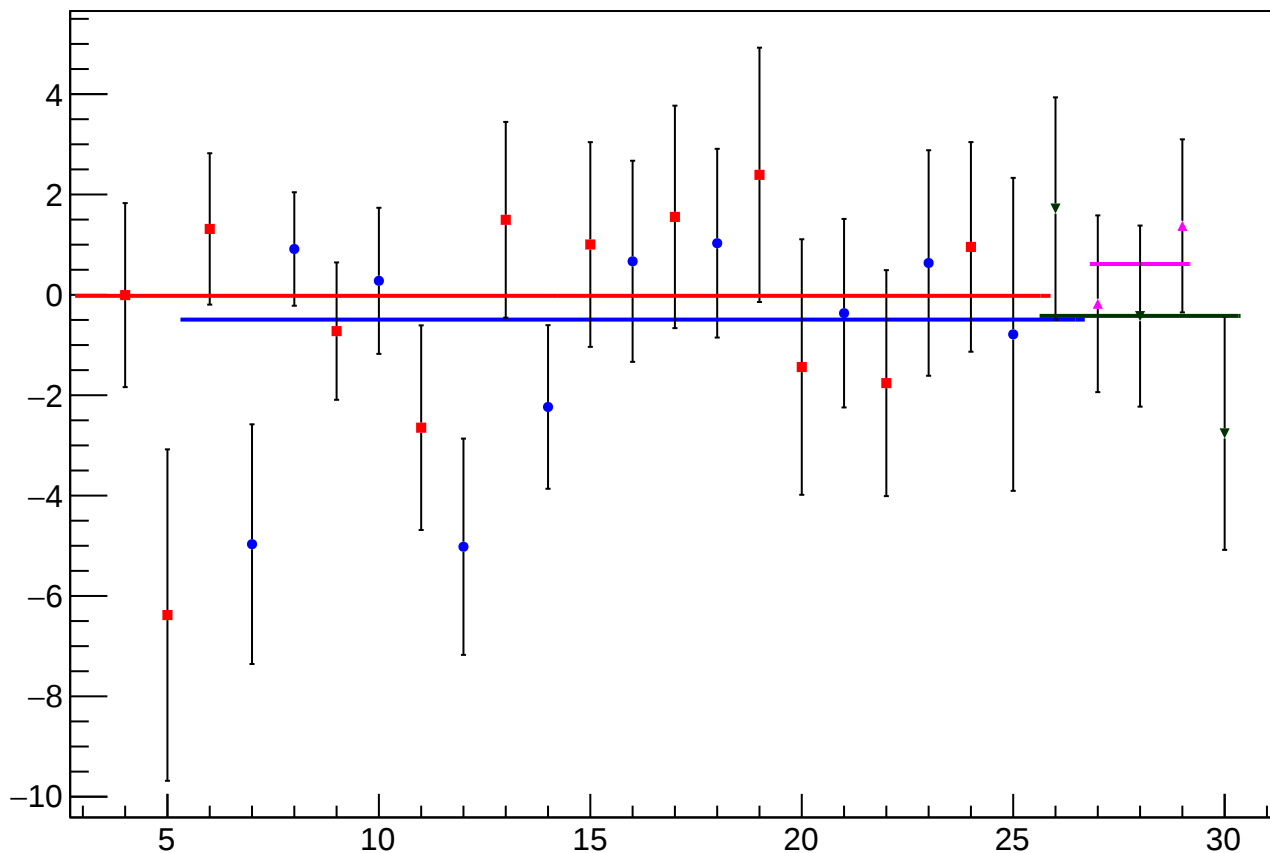
Right Out: 4402.778+/-1.237 χ^2/NDF : 148052.0/11

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

4429.103+/-1.102 χ^2/NDF : 290673.0/12

4436.072+/-1.107 χ^2/NDF : 151730.0/13

diff_bpm16Y_mean vs slug



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

Left Out: -0.419 ± 1.198 χ^2/NDF : 1.9/2

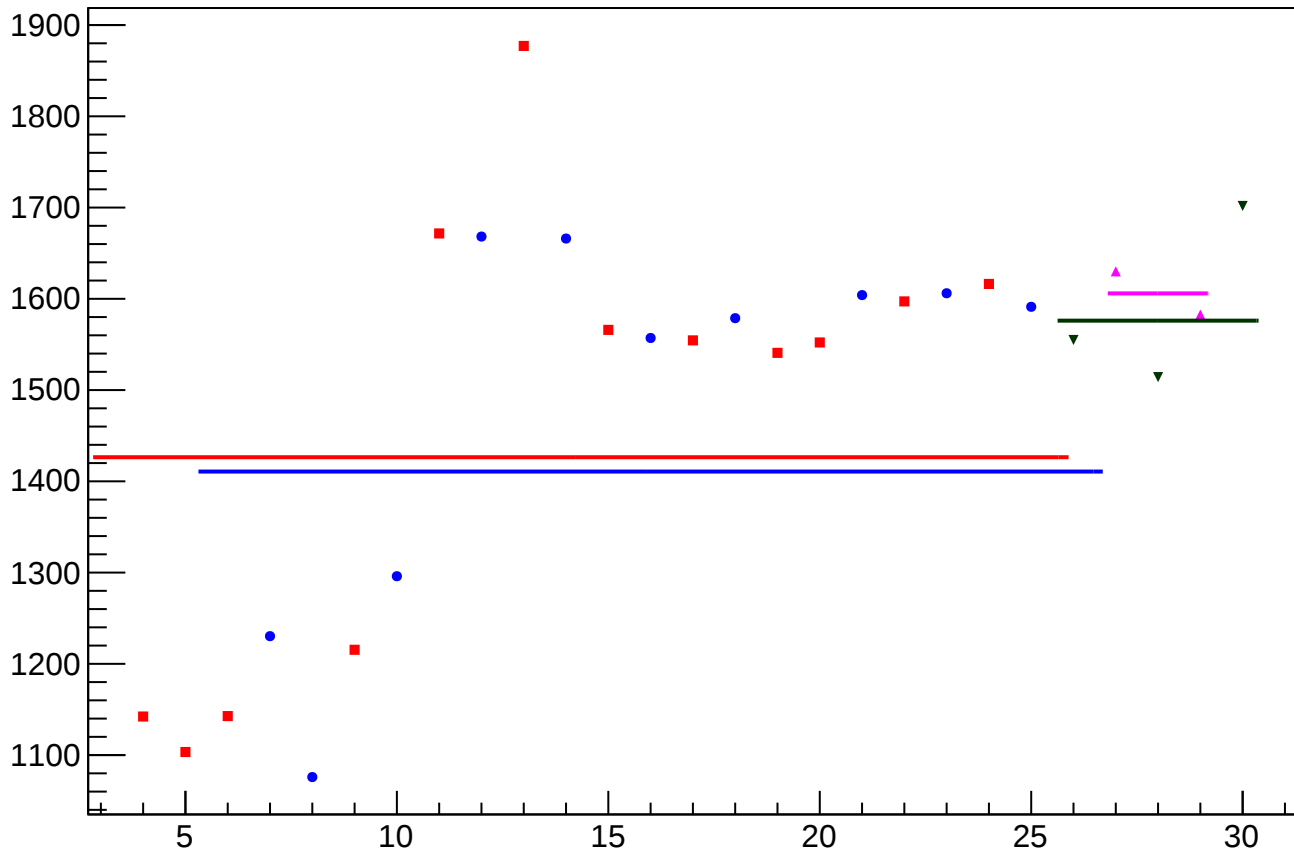
Right Out: -0.019 ± 0.573 χ^2/NDF : 9.8/11

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

-0.480 ± 0.511 χ^2/NDF : 14.1/12

0.094 ± 0.520 χ^2/NDF : 10.4/13

diff_bpm16Y_rms vs slug



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

Left Out: 1576.074 ± 0.847 χ^2/NDF : 8397.5/2

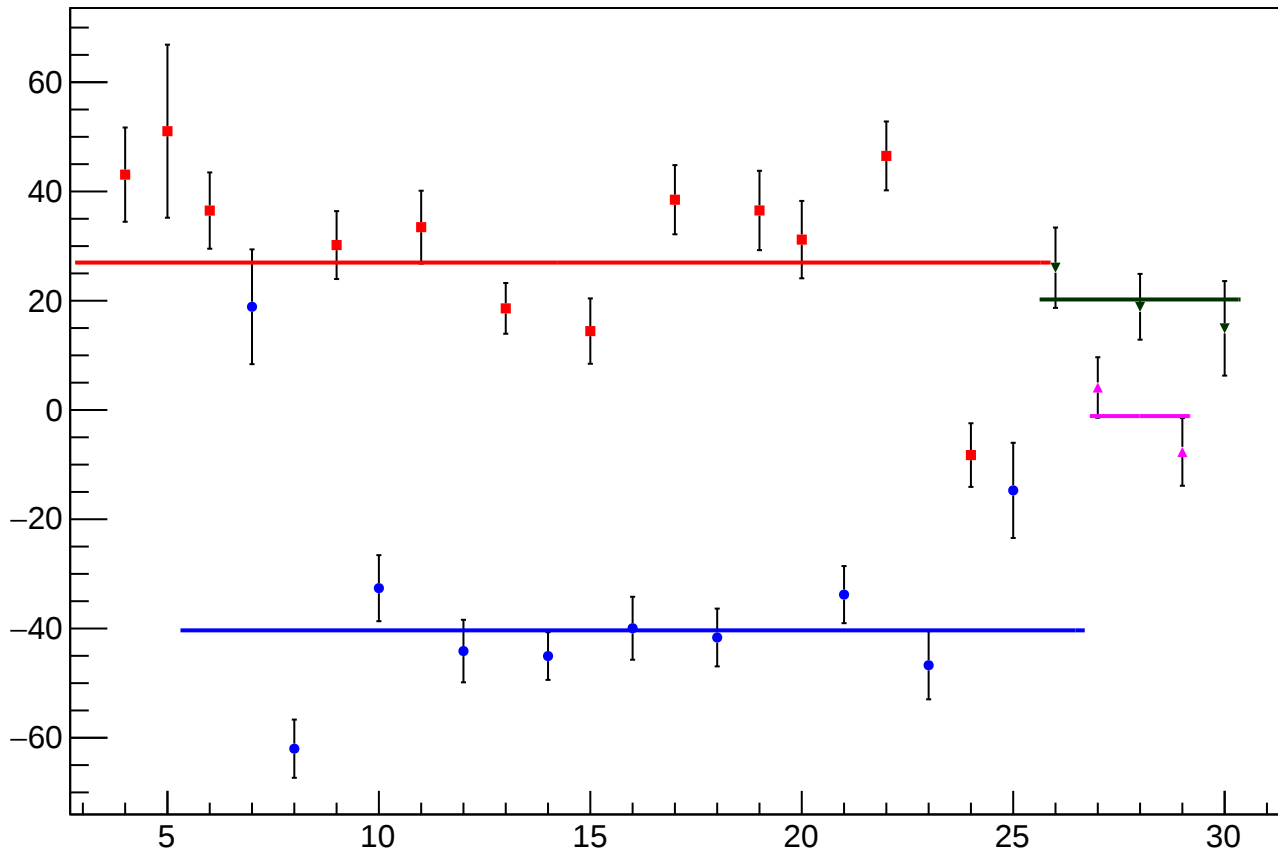
Right Out: 1426.417 ± 0.405 χ^2/NDF : 374185.0/11

Left In: 1605.940 ± 0.871 χ^2/NDF : 739.4/1

1440.754 ± 0.361 χ^2/NDF : 386023.5/12

1458.340 ± 0.367 χ^2/NDF : 409840.8/13

diff_bpm0l01X_mean vs slug



Right In: -40.337 $\pm$ 1.838 χ^2/NDF : 62.9/9

Left Out: 20.229 $\pm$ 4.102 χ^2/NDF : 1.0/2

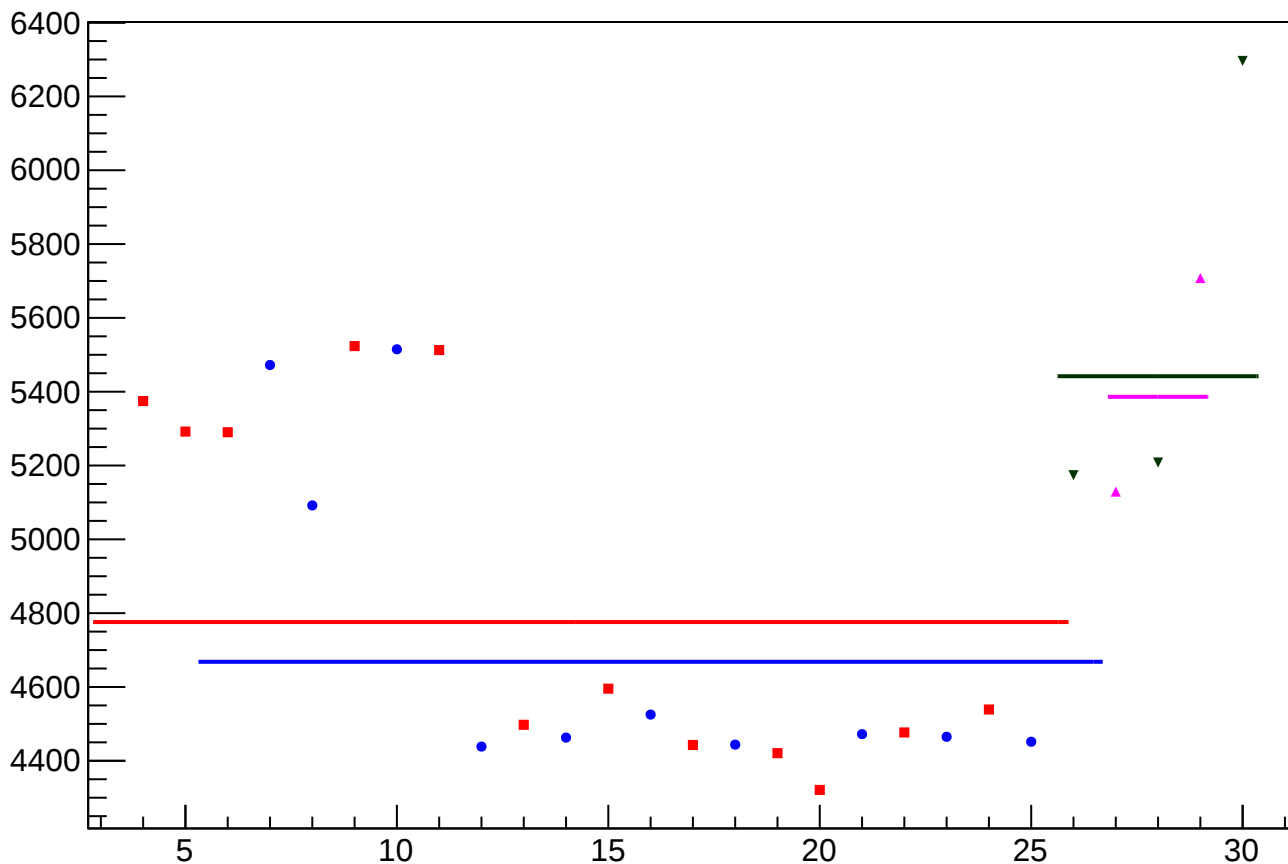
Right Out: 26.988 $\pm$ 1.893 χ^2/NDF : 68.1/11

Left In: -1.115 $\pm$ 4.128 χ^2/NDF : 2.0/1

-30.210 $\pm$ 1.677 χ^2/NDF : 245.5/12

22.106 $\pm$ 1.721 χ^2/NDF : 108.4/13

diff_bpm0l01X_rms vs slug



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

Left Out: 5441.902+/-2.900 χ^2/NDF : 25173.0/2

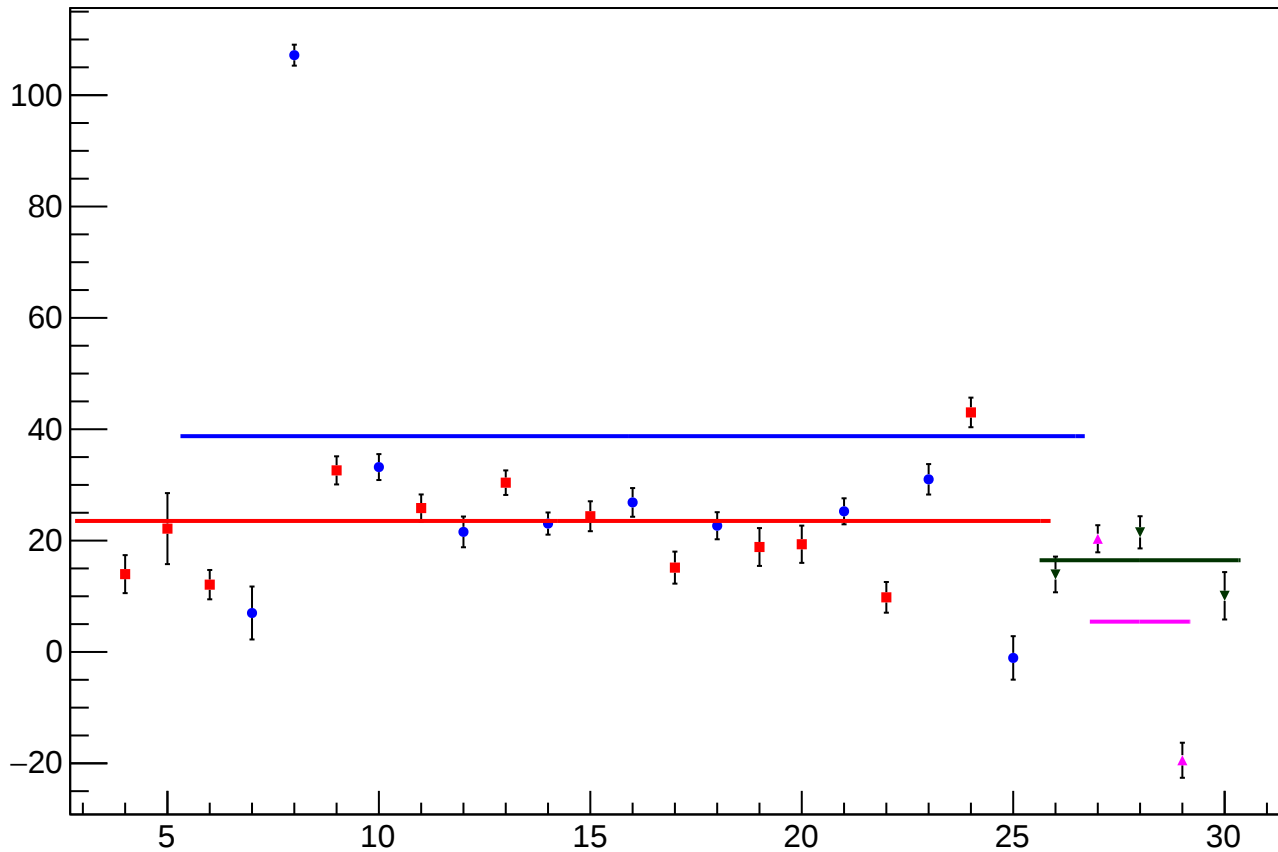
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

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

4797.624+/-1.186 χ^2/NDF : 166691.5/12

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

diff_bpm0l01Y_mean vs slug



Right In: 38.757 ± 0.792 $\chi^2/\text{NDF}: 1680.6/9$

Left Out: 16.472 ± 1.917 $\chi^2/\text{NDF}: 5.9/2$

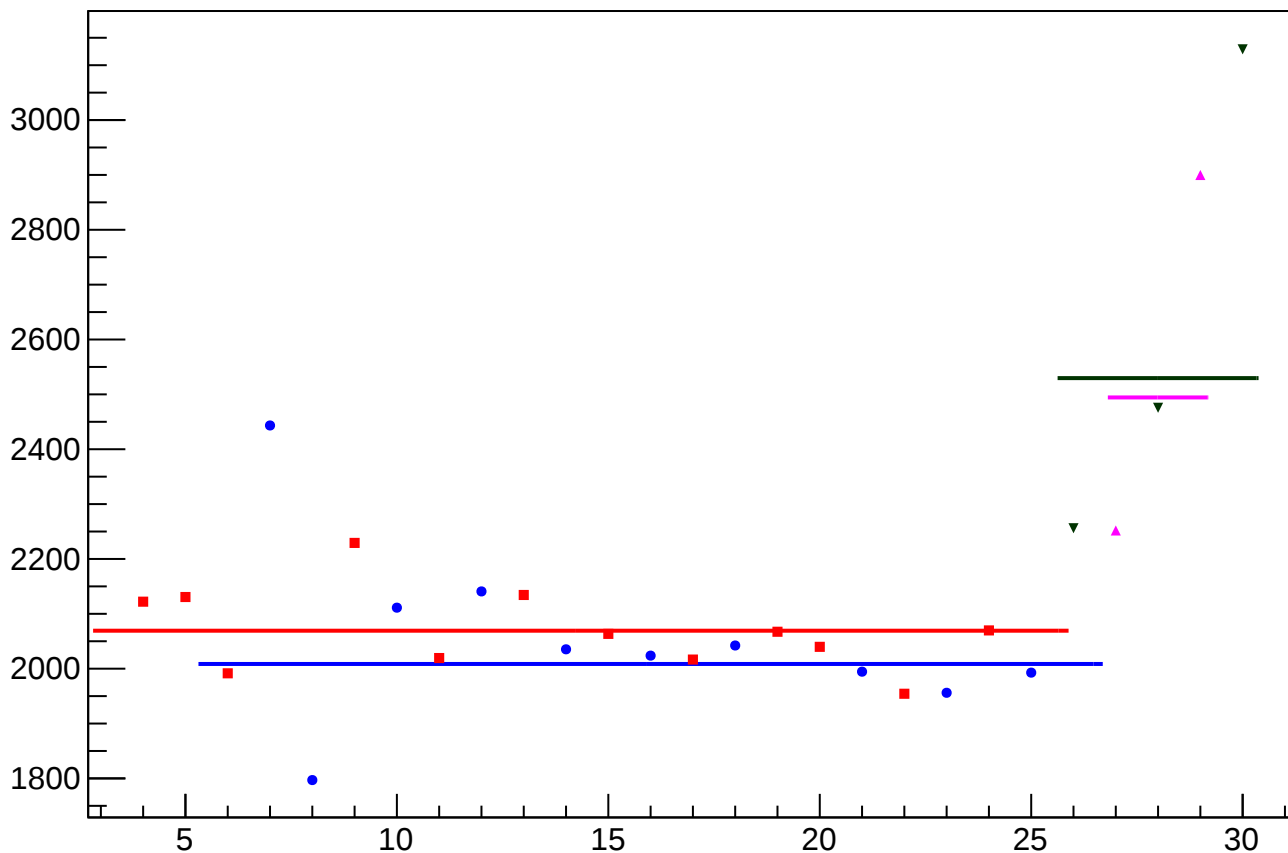
Right Out: 23.530 ± 0.818 $\chi^2/\text{NDF}: 140.9/11$

Left In: 5.444 ± 1.927 $\chi^2/\text{NDF}: 99.8/1$

35.509 ± 0.732 $\chi^2/\text{NDF}: 1801.9/12$

20.765 ± 0.753 $\chi^2/\text{NDF}: 315.4/13$

diff_bpm0l01Y_rms vs slug



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

Left Out: 2529.635+/-1.355 χ^2/NDF : 54926.8/2

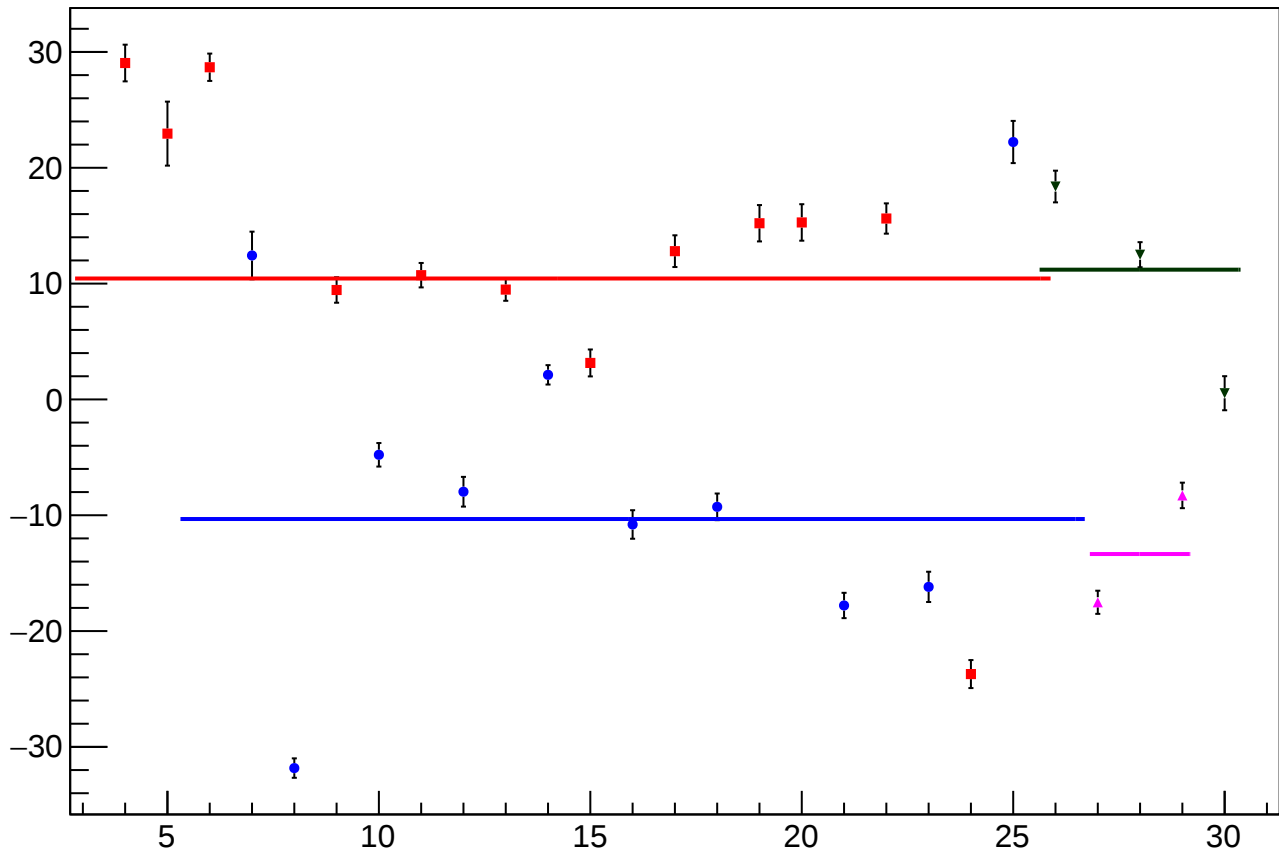
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

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

2084.526+/-0.517 χ^2/NDF : 233289.0/12

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

diff_bpm2i01X_mean vs slug



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

Left Out: 11.203 $\pm$ 0.736 χ^2 /NDF:81.5/2

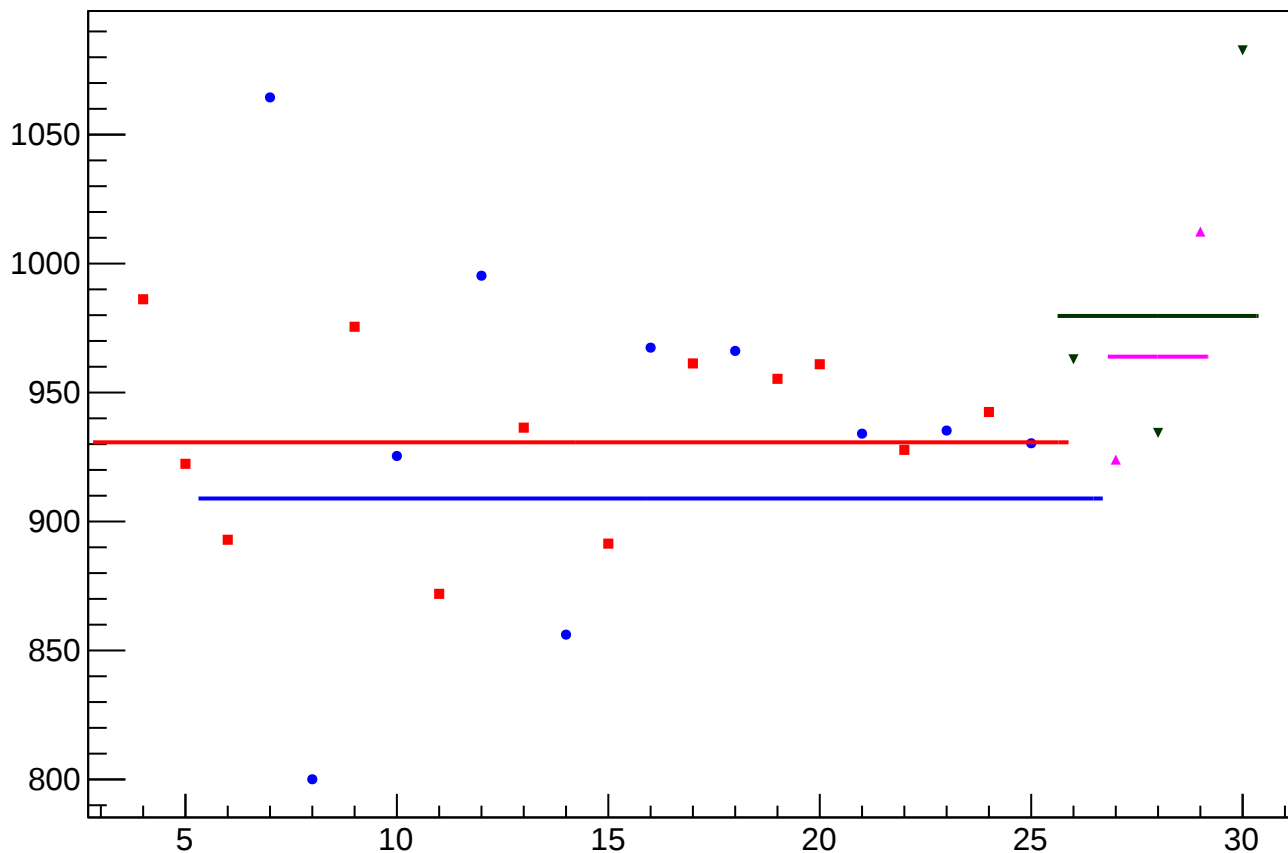
Right Out: 10.440 $\pm$ 0.368 χ^2 /NDF: 1273.2/11

Left In: -13.349 $\pm$ 0.740 χ^2 /NDF:38.5/1

-6.201 $\pm$ 0.322 χ^2 /NDF: 2194.3/12

5.728 $\pm$ 0.329 χ^2 /NDF: 2140.3/13

diff_bpm2i01X_rms vs slug



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

Left Out: 979.697+/-0.520 χ^2/NDF :13609.6/2

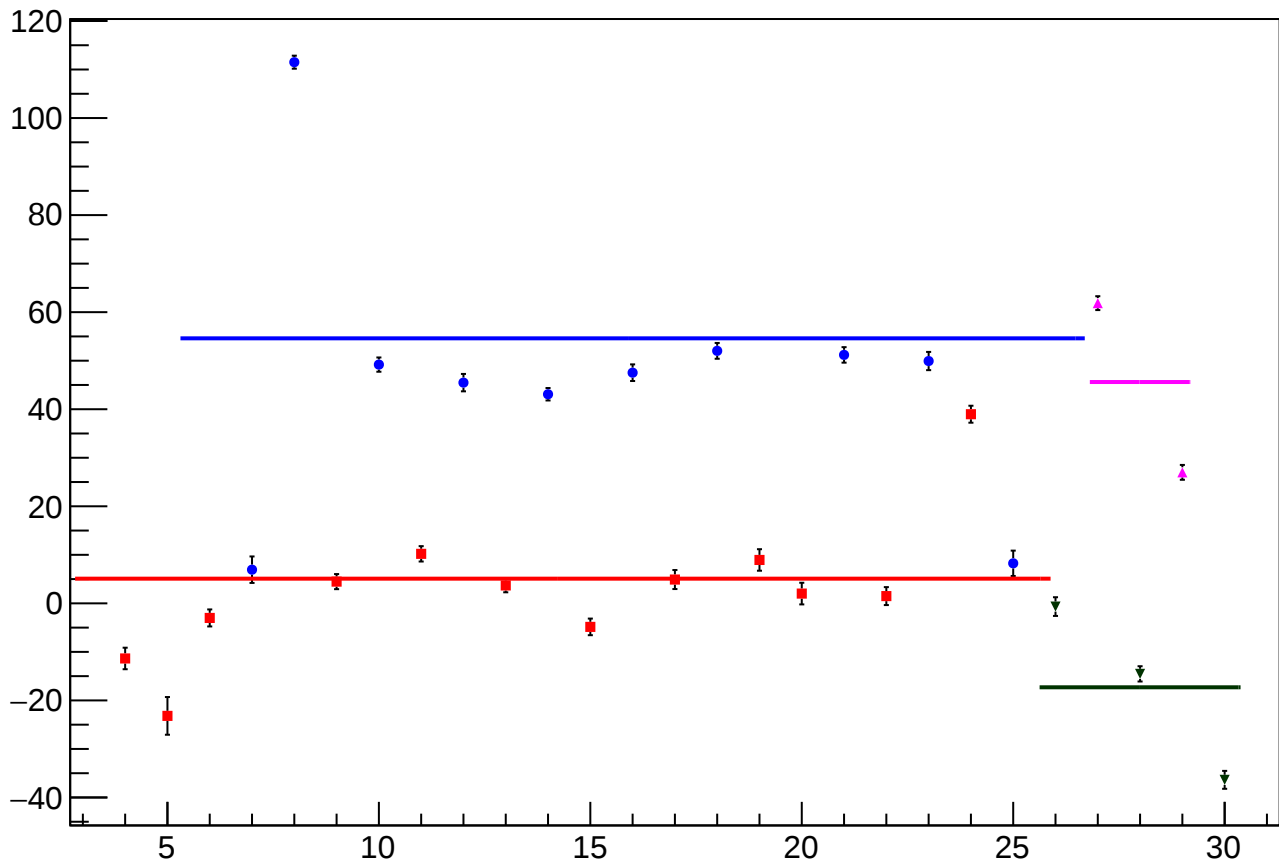
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

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

922.482+/-0.228 χ^2/NDF : 102807.7/12

937.284+/-0.233 χ^2/NDF : 29114.8/13

diff_bpm2i01Y_mean vs slug



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

Left Out: -17.297 $\pm$ 1.017 χ^2 /NDF:184.3/2

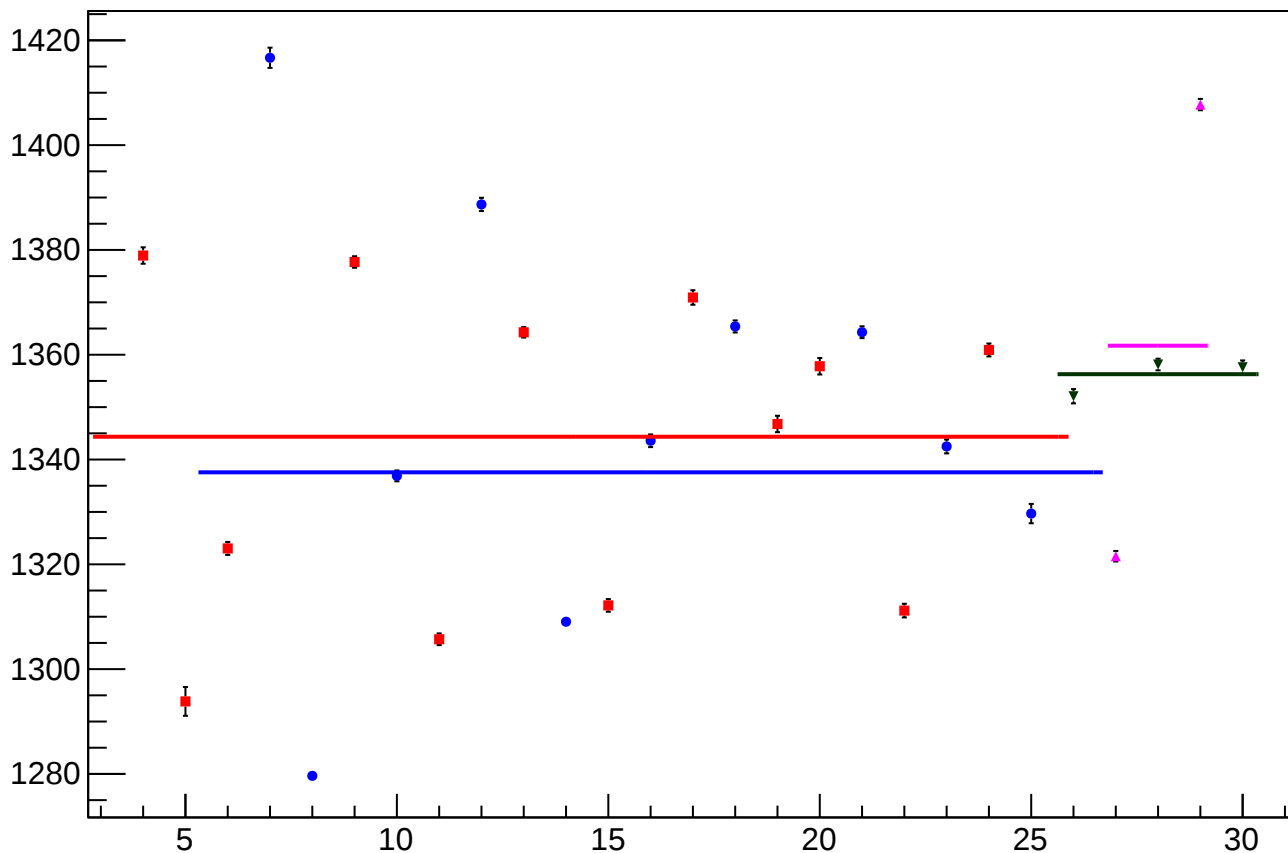
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 45.606 $\pm$ 1.044 χ^2 /NDF:277.4/1

39.431 $\pm$ 0.467 χ^2 /NDF: 6695.1/12

13.428 $\pm$ 0.474 χ^2 /NDF: 2032.1/13

diff_bpm2i01Y_rms vs slug



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

Left Out: 1356.286 ± 0.719 χ^2/NDF : 13.3/2

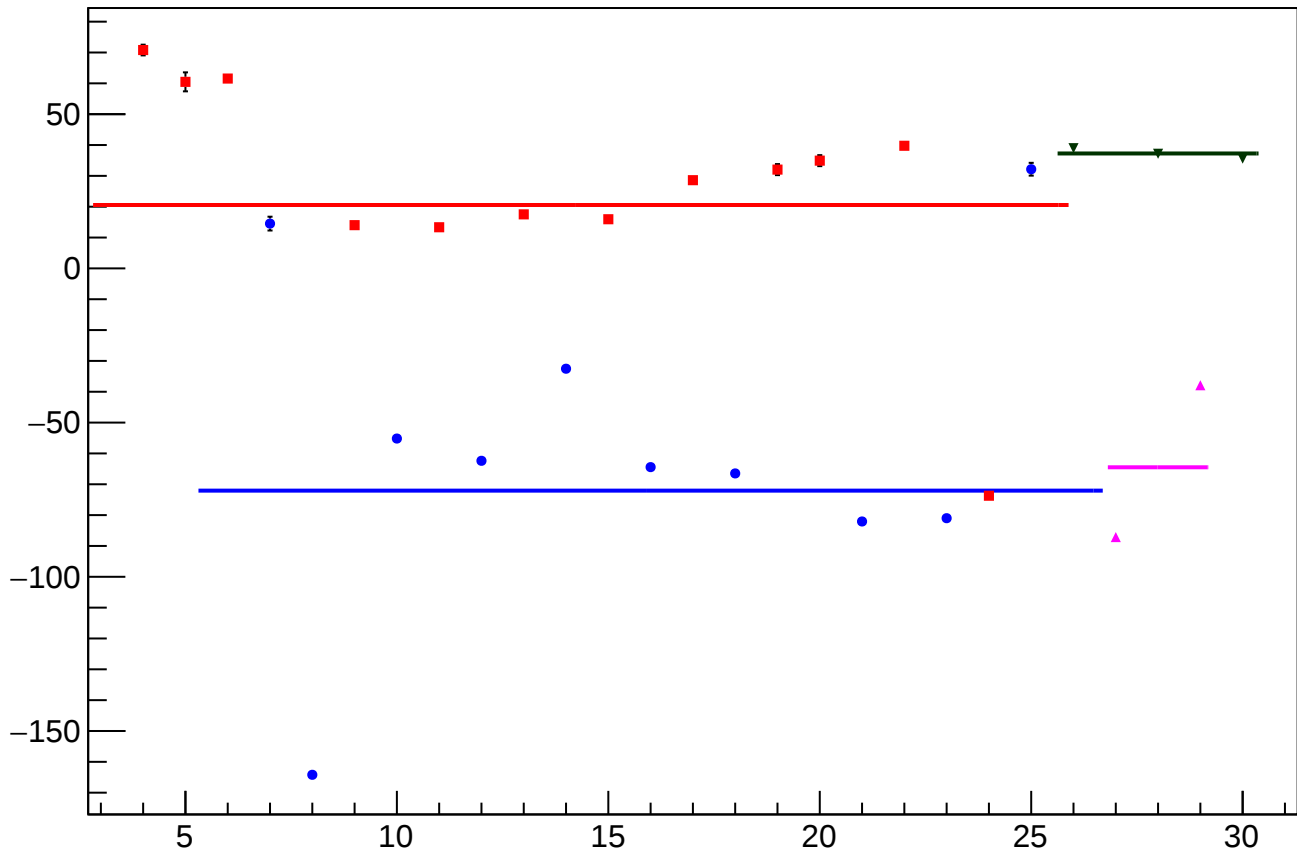
Right Out: 1344.349 ± 0.376 χ^2/NDF : 5607.5/11

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

1341.512 ± 0.330 χ^2/NDF : 9774.5/12

1347.926 ± 0.335 χ^2/NDF : 9438.4/13

diff_bpm2i02X_mean vs slug



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

Left Out: 37.261 ± 0.826 $\chi^2/\text{NDF}: 2.3/2$

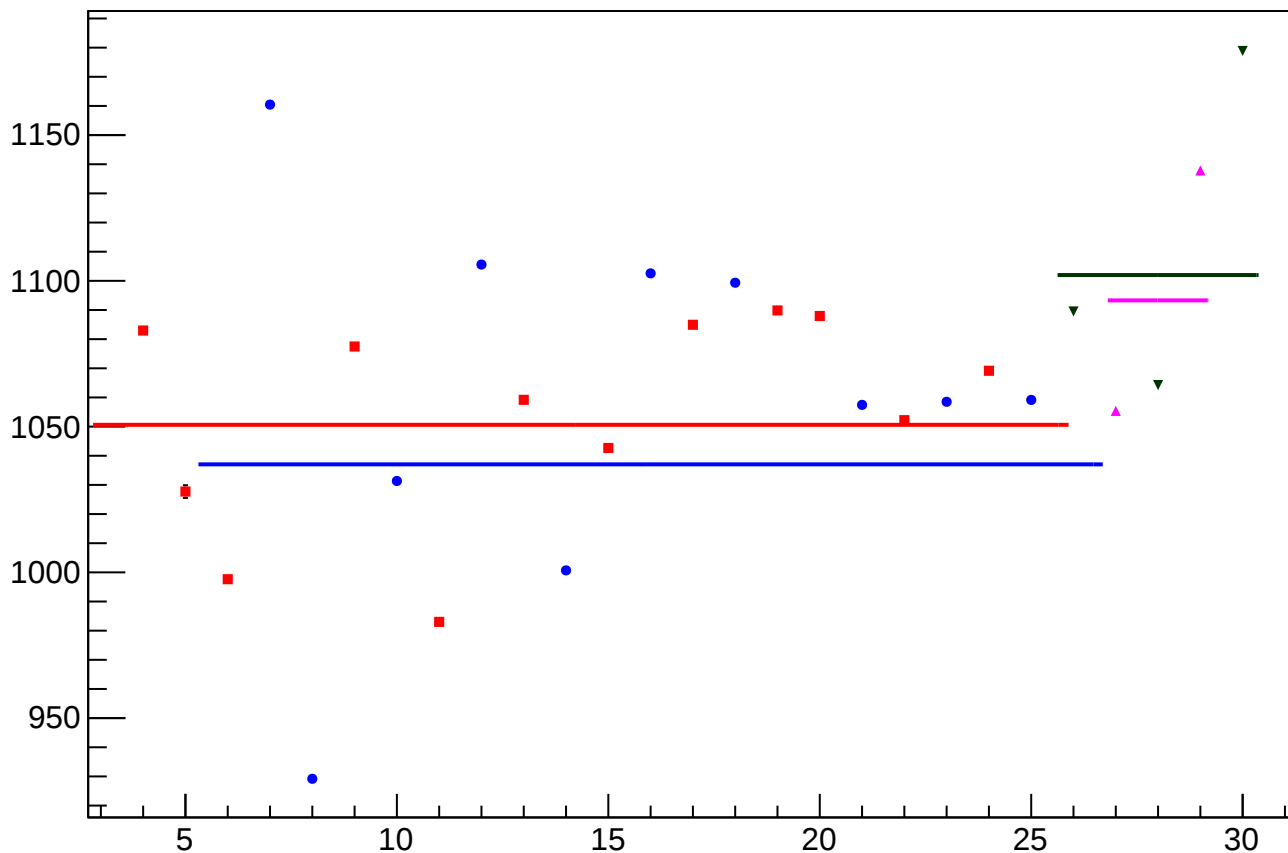
Right Out: 20.554 ± 0.415 $\chi^2/\text{NDF}: 7076.4/11$

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

-50.614 ± 0.366 $\chi^2/\text{NDF}: 29114.9/12$

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

diff_bpm2i02X_rms vs slug



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

Left Out: 1101.988 $\pm$ 0.584 χ^2 /NDF: 6622.2/2

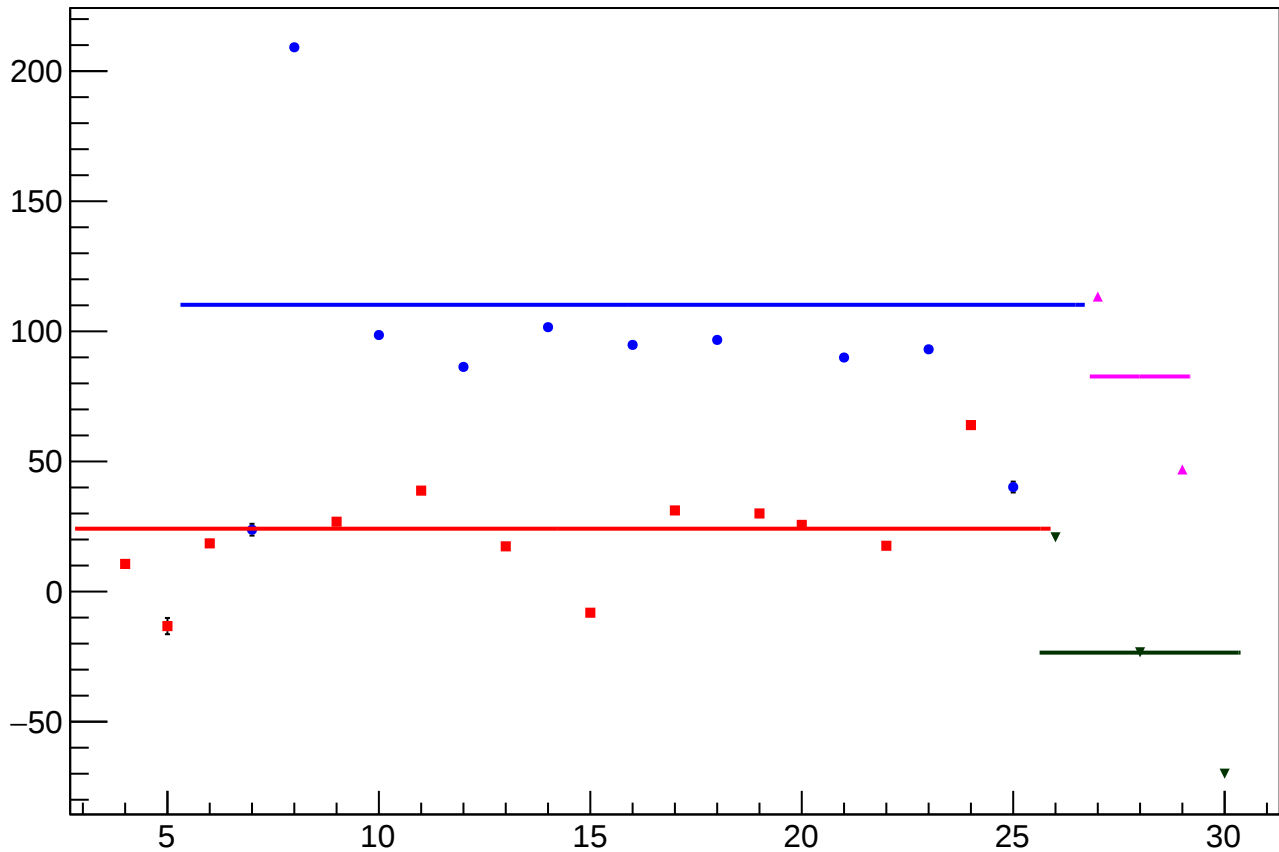
Right Out: 1050.613 $\pm$ 0.293 χ^2 /NDF: 14851.7/11

Left In: 1093.299 $\pm$ 0.593 χ^2 /NDF: 4808.3/1

1049.789 $\pm$ 0.259 χ^2 /NDF: 64711.6/12

1059.014 $\pm$ 0.263 χ^2 /NDF: 23823.6/13

diff_bpm2i02Y_mean vs slug



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

Left Out: -23.467 ± 0.826 χ^2/NDF : 1685.3/2

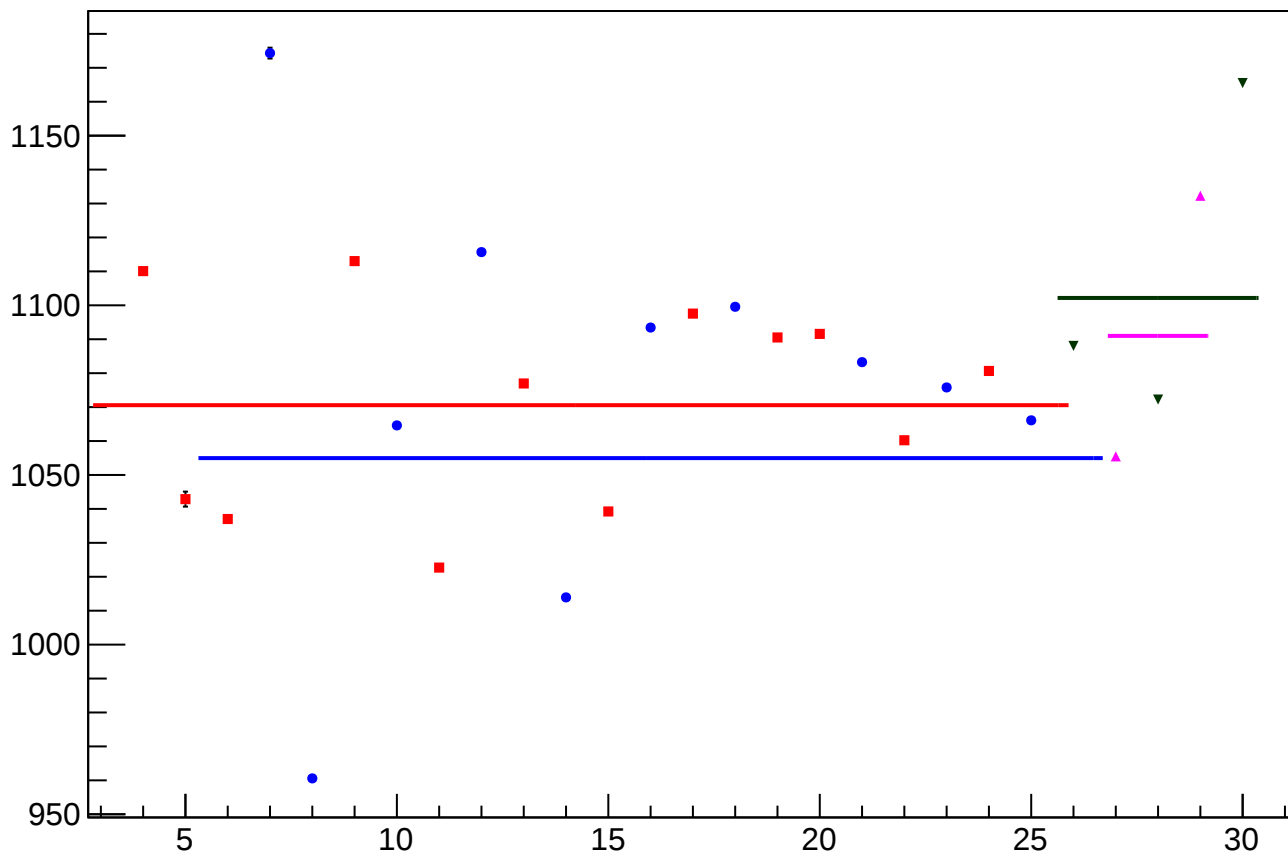
Right Out: 24.160 ± 0.423 χ^2/NDF : 1842.7/11

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

83.257 ± 0.371 χ^2/NDF : 35898.0/12

36.073 ± 0.377 χ^2/NDF : 7306.3/13

diff_bpm2i02Y_rms vs slug



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

Left Out: 1102.174+/-0.584 χ^2/NDF : 4536.9/2

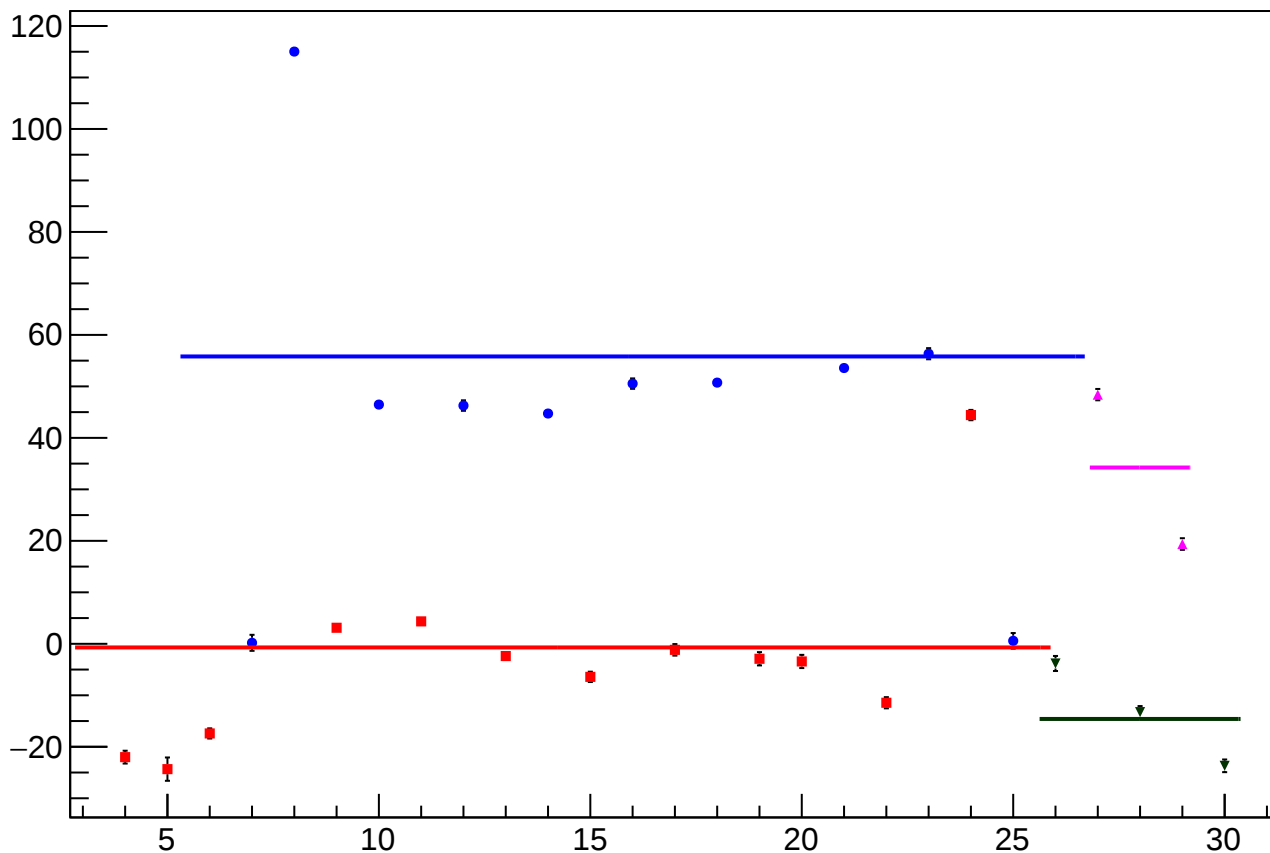
Right Out: 1070.566+/-0.299 χ^2/NDF : 10075.5/11

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

1064.484+/-0.262 χ^2/NDF : 45291.3/12

1074.726+/-0.267 χ^2/NDF : 15217.2/13

diff_bpm1i04X_mean vs slug



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

Left Out: -14.594+/-0.735 χ^2/NDF : 110.3/2

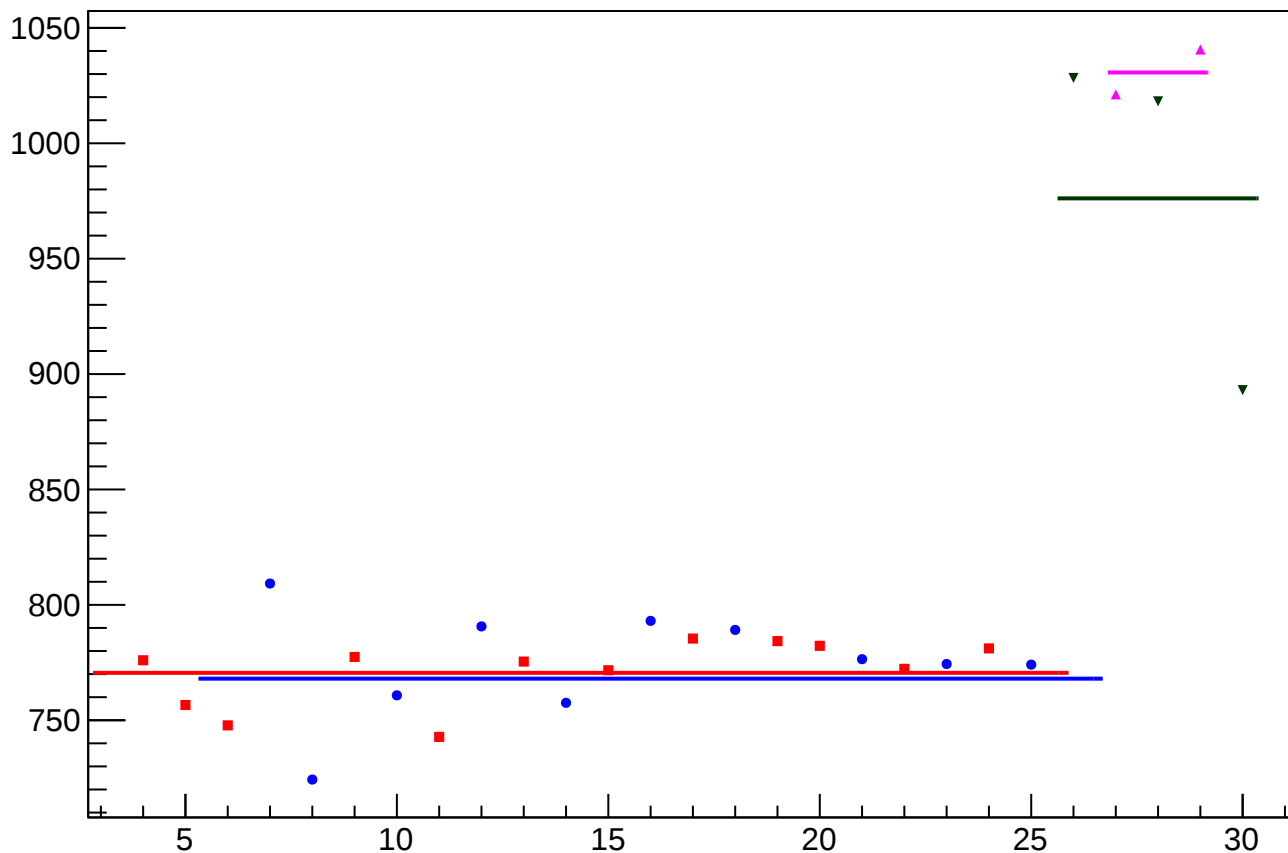
Right Out: -0.705+/-0.304 χ^2/NDF : 2908.1/11

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

45.674+/-0.279 χ^2/NDF : 17172.7/12

3.819+/-0.284 χ^2/NDF : 4955.4/13

diff_bpm1i04X_rms vs slug



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

Left Out: 976.131+/-0.520 χ^2/NDF : 14210.8/2

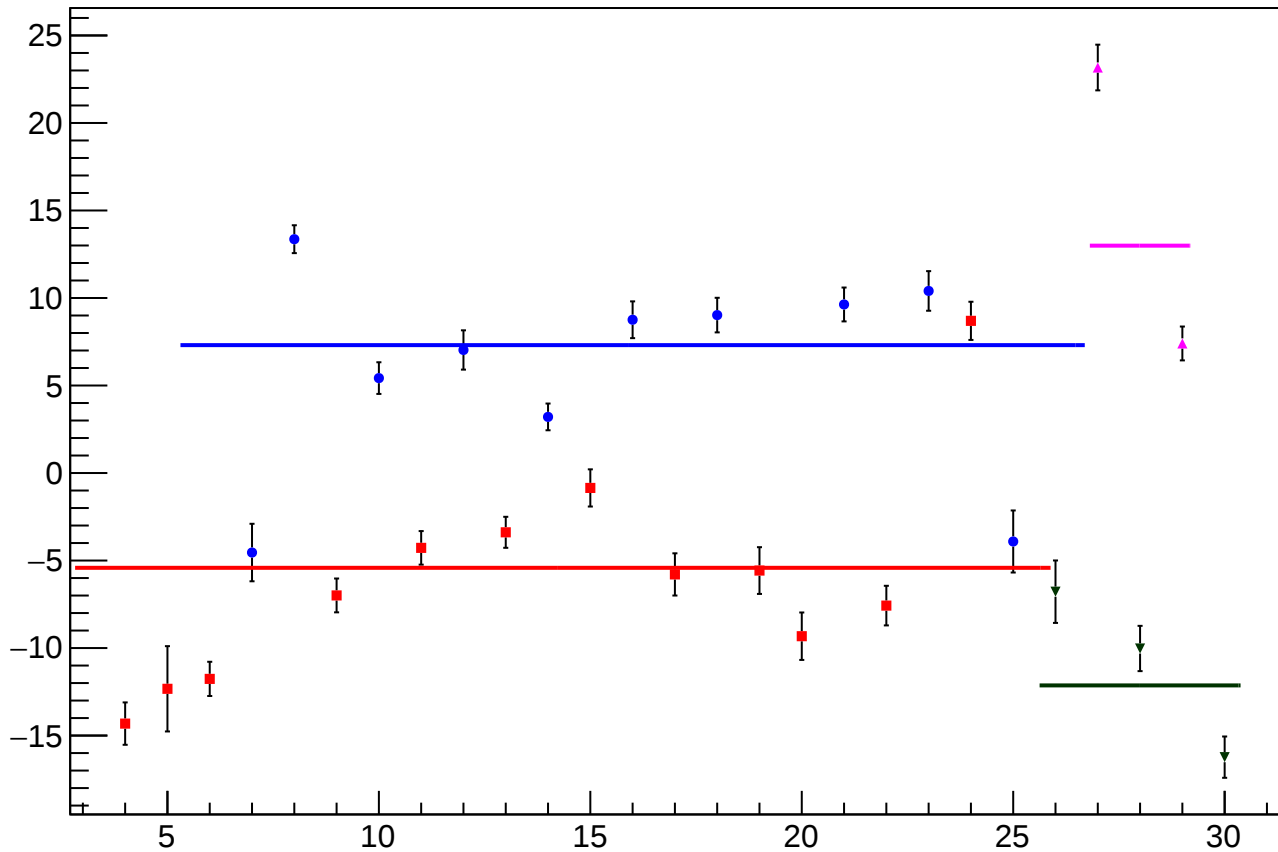
Right Out: 770.550+/-0.215 χ^2/NDF : 4259.5/11

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

797.998+/-0.197 χ^2/NDF : 163469.7/12

804.231+/-0.201 χ^2/NDF : 193986.7/13

diff_bpm1i04Y_mean vs slug



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

Left Out: -12.135 ± 0.783 χ^2/NDF : 23.7/2

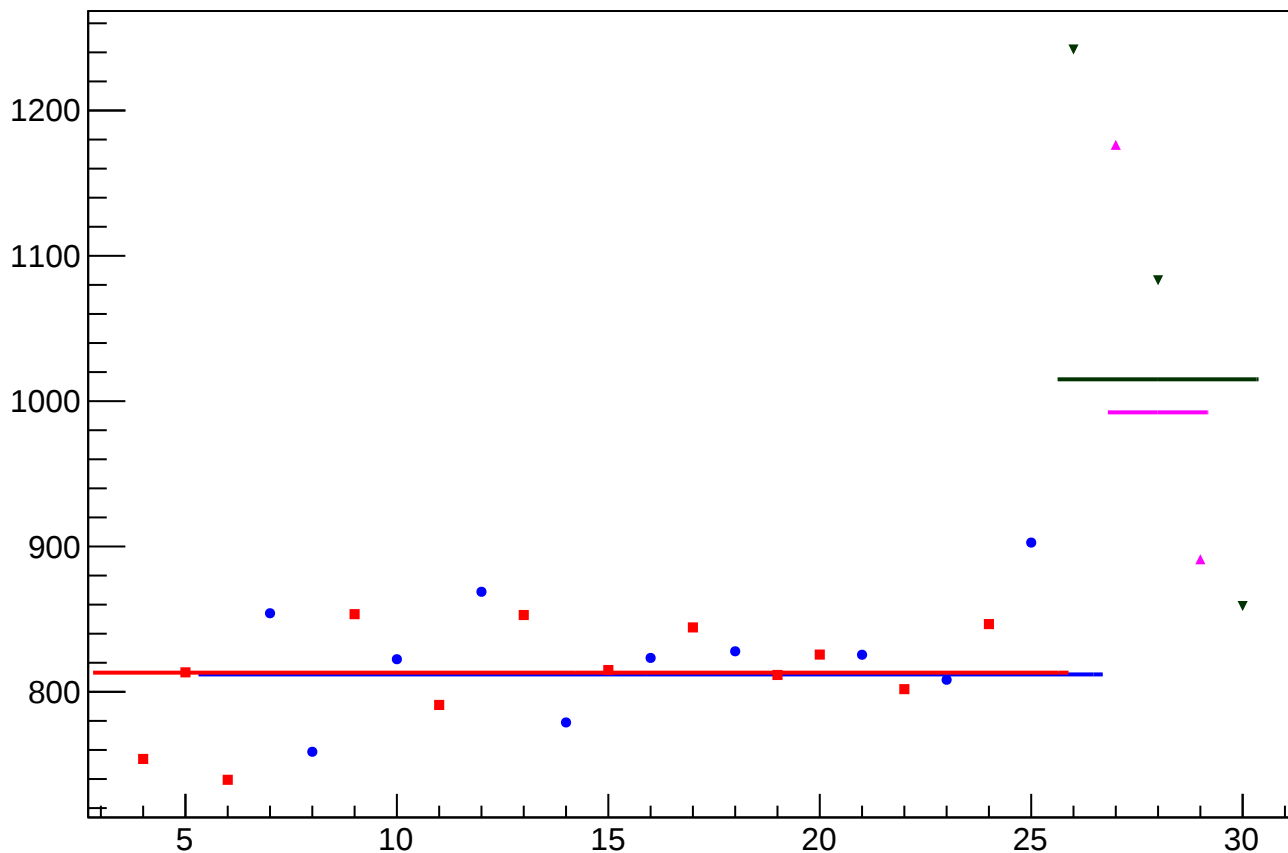
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 12.991 ± 0.777 χ^2/NDF : 94.2/1

4.528 ± 0.296 χ^2/NDF : 753.2/12

-2.716 ± 0.298 χ^2/NDF : 884.2/13

diff_bpm1i04Y_rms vs slug



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

Left Out: 1015.027 $\pm$ 0.554 χ^2 /NDF: 72889.7/2

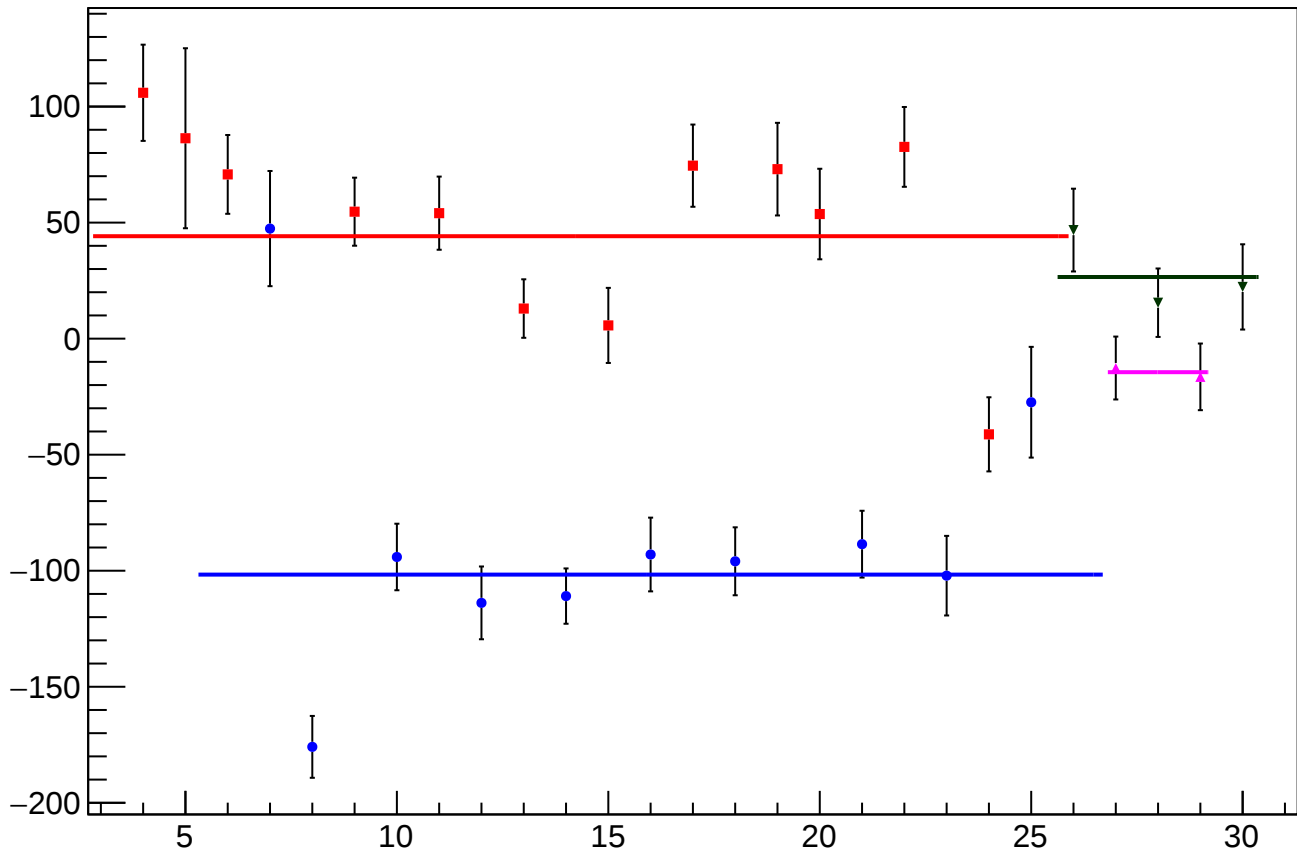
Right Out: 813.189 $\pm$ 0.228 χ^2 /NDF: 28331.0/11

Left In: 992.295 $\pm$ 0.550 χ^2 /NDF: 61605.5/1

840.995 $\pm$ 0.209 χ^2 /NDF: 213917.1/12

839.463 $\pm$ 0.210 χ^2 /NDF: 180571.0/13

diff_bpm0l02X_mean vs slug



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

Left Out: 26.562 $\pm$ 9.665 χ^2 /NDF:1.9/2

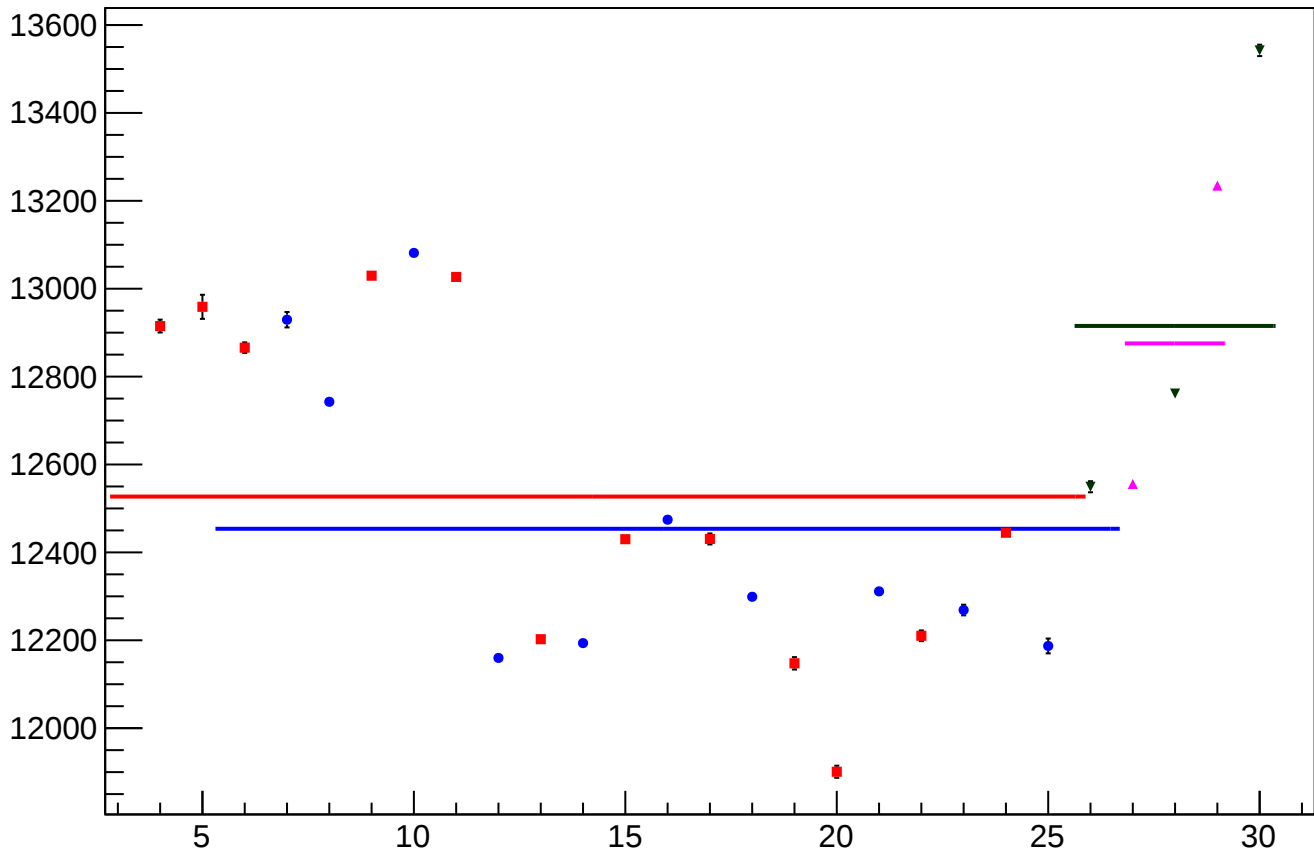
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

Left In: -14.450 $\pm$ 9.854 χ^2 /NDF:0.0/1

-75.549 $\pm$ 4.362 χ^2 /NDF: 221.6/12

32.355 $\pm$ 4.420 χ^2 /NDF: 92.4/13

diff_bpm0l02X_rms vs slug



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

Left Out: 12915.303+/-6.834 χ^2/NDF : 3390.0/2

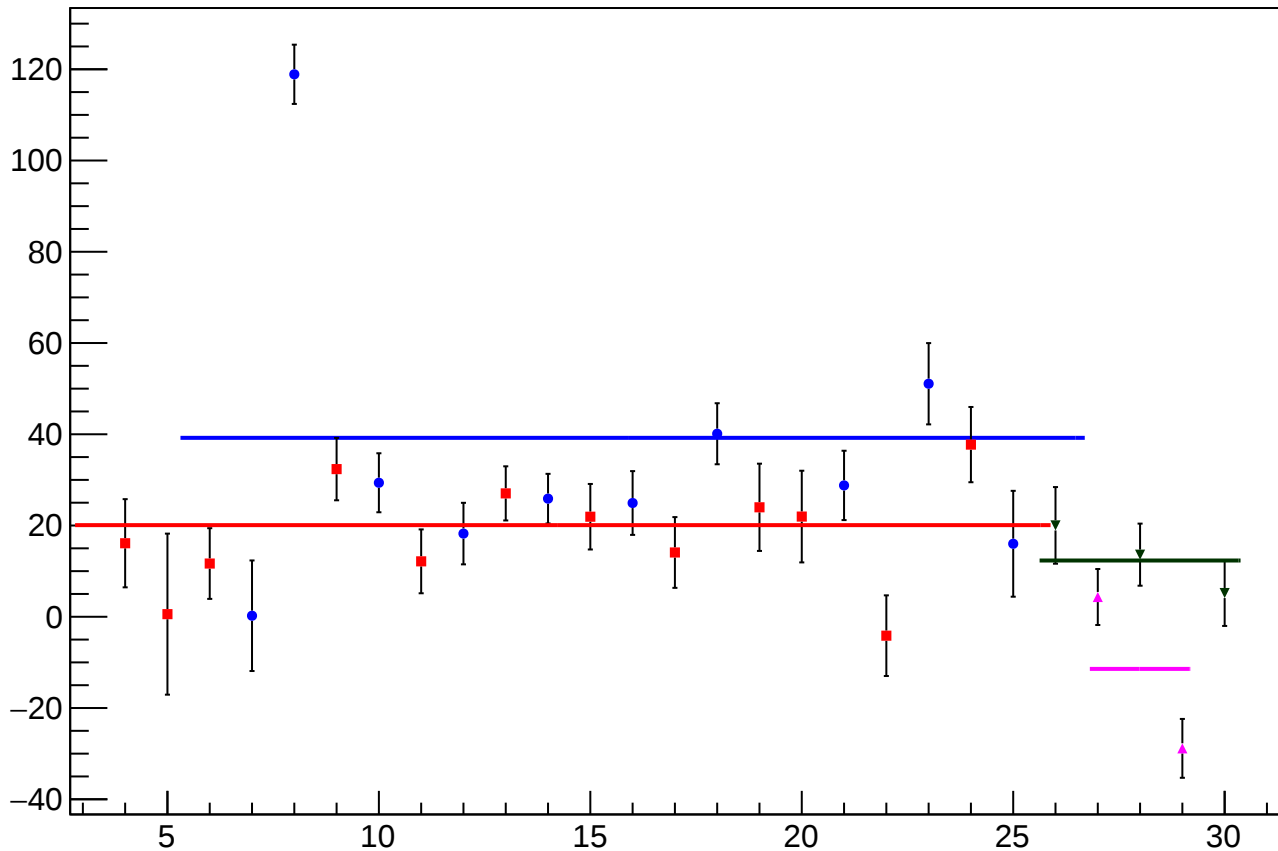
12547.759+/-3.085 χ^2/NDF : 15092.5/12

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

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

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

diff_bpm0l02Y_mean vs slug



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

Left Out: 12.331 ± 4.265 χ^2/NDF : 1.9/2

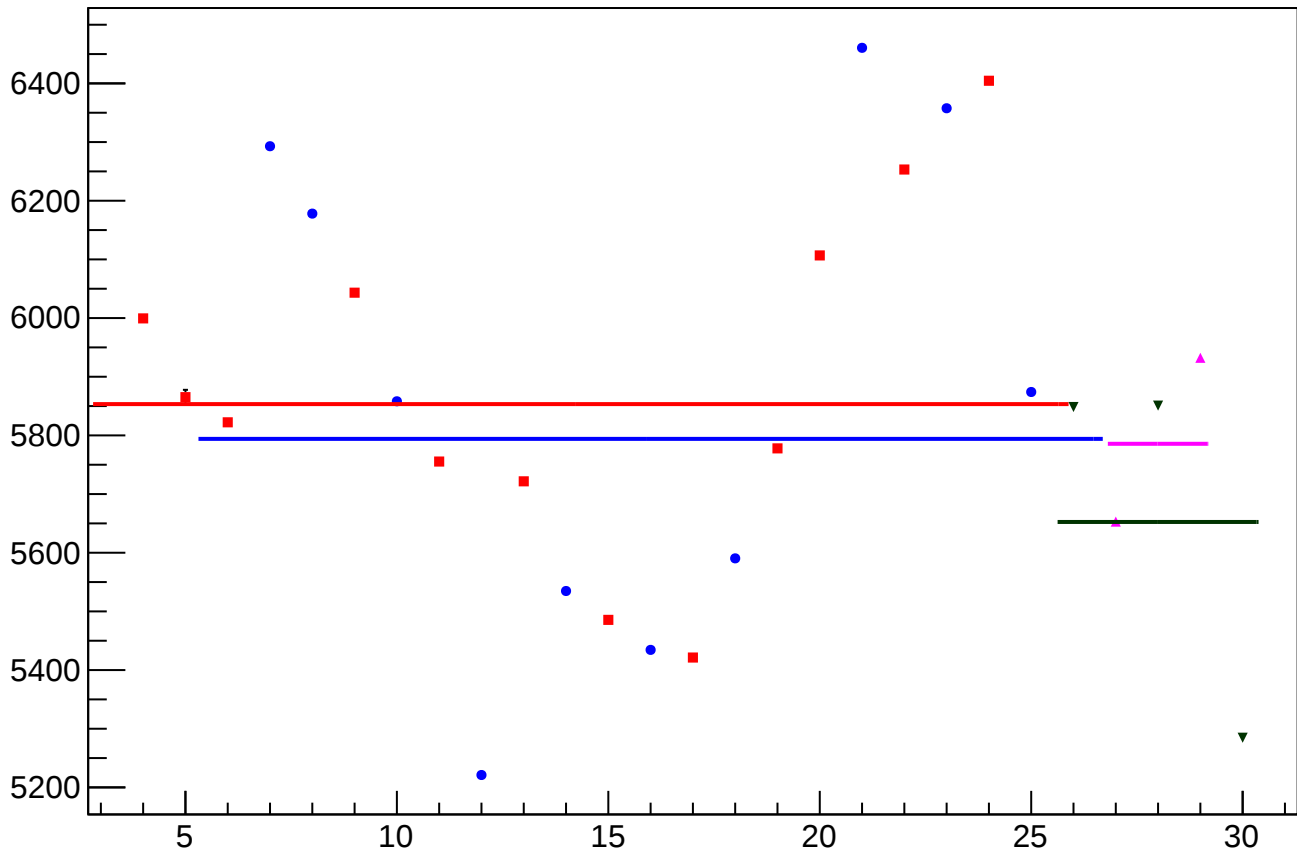
Right Out: 20.083 ± 2.324 χ^2/NDF : 21.4/11

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

33.196 ± 2.019 χ^2/NDF : 223.5/12

13.321 ± 2.060 χ^2/NDF : 74.8/13

diff_bpm0l02Y_rms vs slug



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

Left Out: 5652.445+/-3.016 χ^2/NDF : 7980.6/2

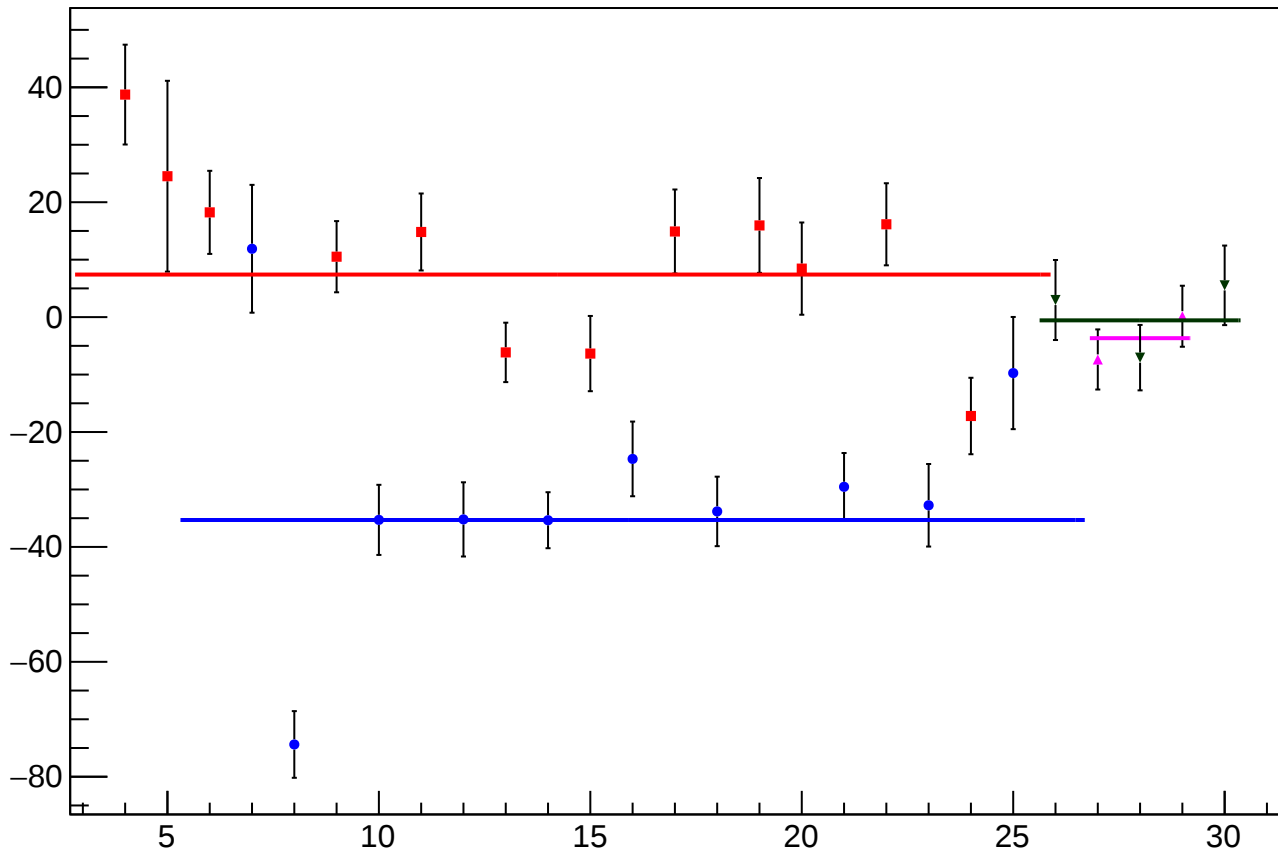
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

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

5762.348+/-1.427 χ^2/NDF : 69901.0/12

5838.824+/-1.456 χ^2/NDF : 31614.0/13

diff_bpm0l03X_mean vs slug



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

Left Out: -0.563 ± 3.718 $\chi^2/\text{NDF}: 2.3/2$

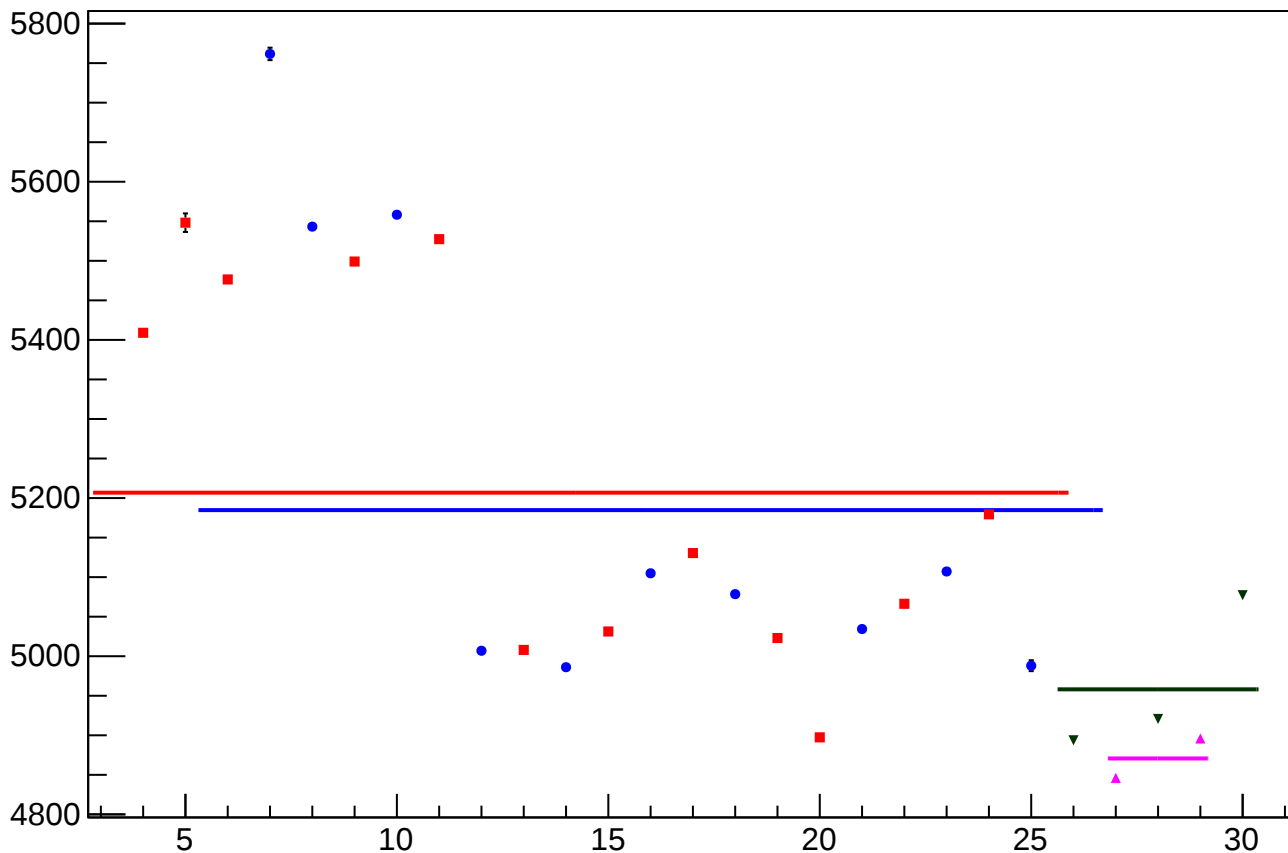
Right Out: 7.409 ± 2.058 $\chi^2/\text{NDF}: 46.4/11$

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

-27.279 ± 1.788 $\chi^2/\text{NDF}: 143.5/12$

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

diff_bpm0l03X_rms vs slug



Right In: 5184.765 $\pm$ 1.442 χ^2/NDF : 28614.1/9

Left Out: 4958.116 $\pm$ 2.629 χ^2/NDF : 848.9/2

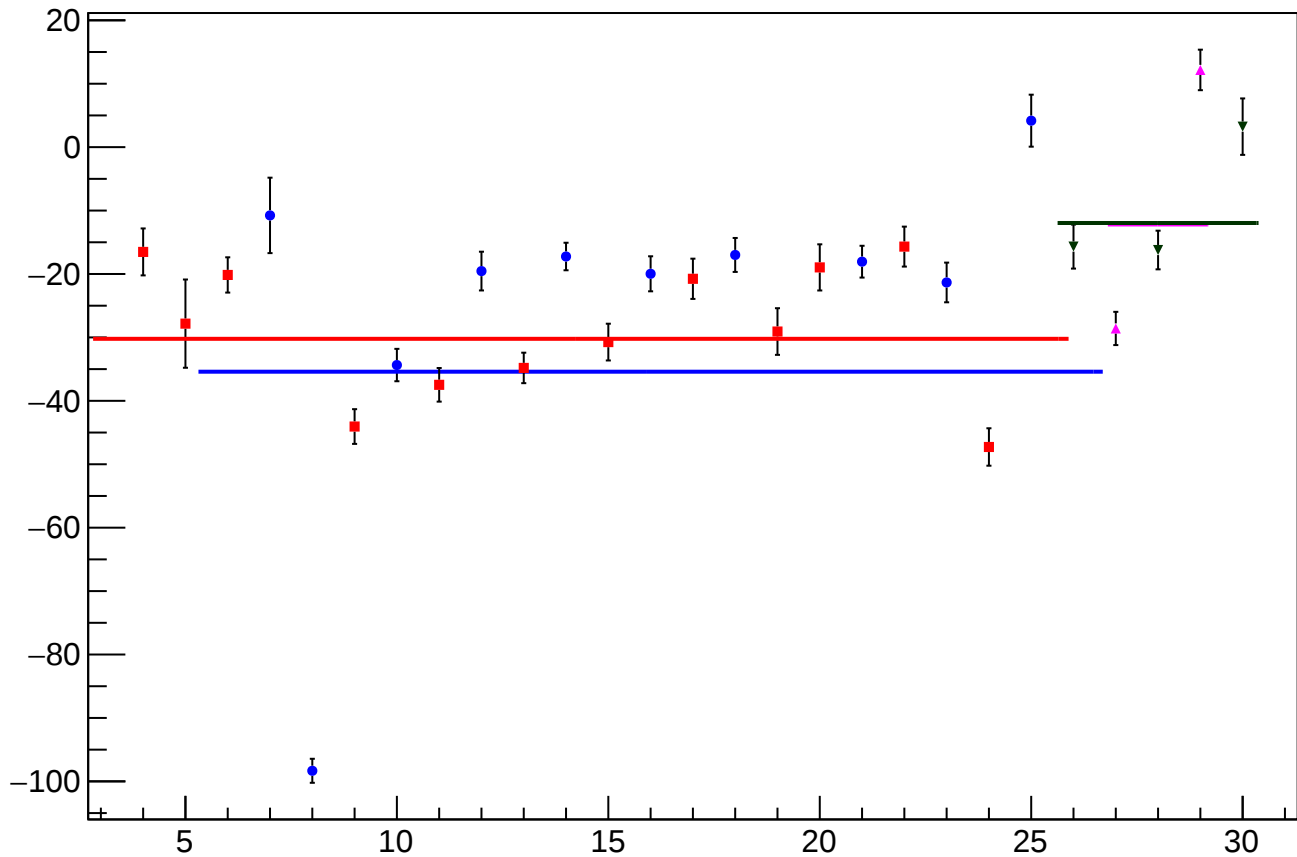
Right Out: 5206.838 $\pm$ 1.455 χ^2/NDF : 23121.5/11

Left In: 4870.728 $\pm$ 2.636 χ^2/NDF : 89.5/1

5132.358 $\pm$ 1.264 χ^2/NDF : 35175.4/12

5128.316 $\pm$ 1.274 χ^2/NDF : 35674.2/13

diff_bpm0l03Y_mean vs slug



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

Left Out: -11.959 $\pm$ 2.036 χ^2 /NDF: 14.8/2

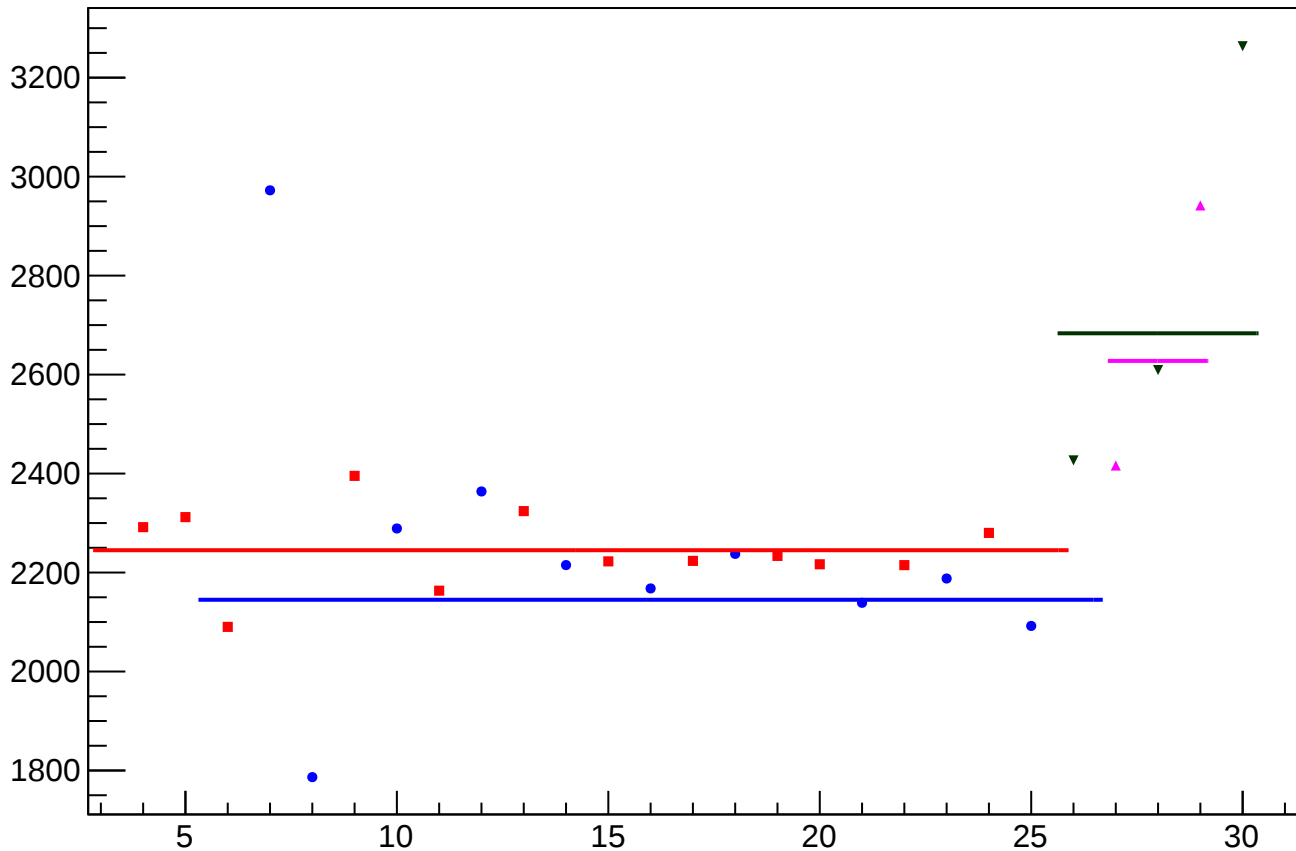
Right Out: -30.222 $\pm$ 0.893 χ^2 /NDF: 136.9/11

Left In: -12.194 $\pm$ 2.026 χ^2 /NDF: 97.3/1

-31.901 $\pm$ 0.787 χ^2 /NDF: 1586.8/12

-27.292 $\pm$ 0.817 χ^2 /NDF: 300.5/13

diff_bpm0l03Y_rms vs slug



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

Left Out: 2683.426+/-1.440 χ^2/NDF : 46122.8/2

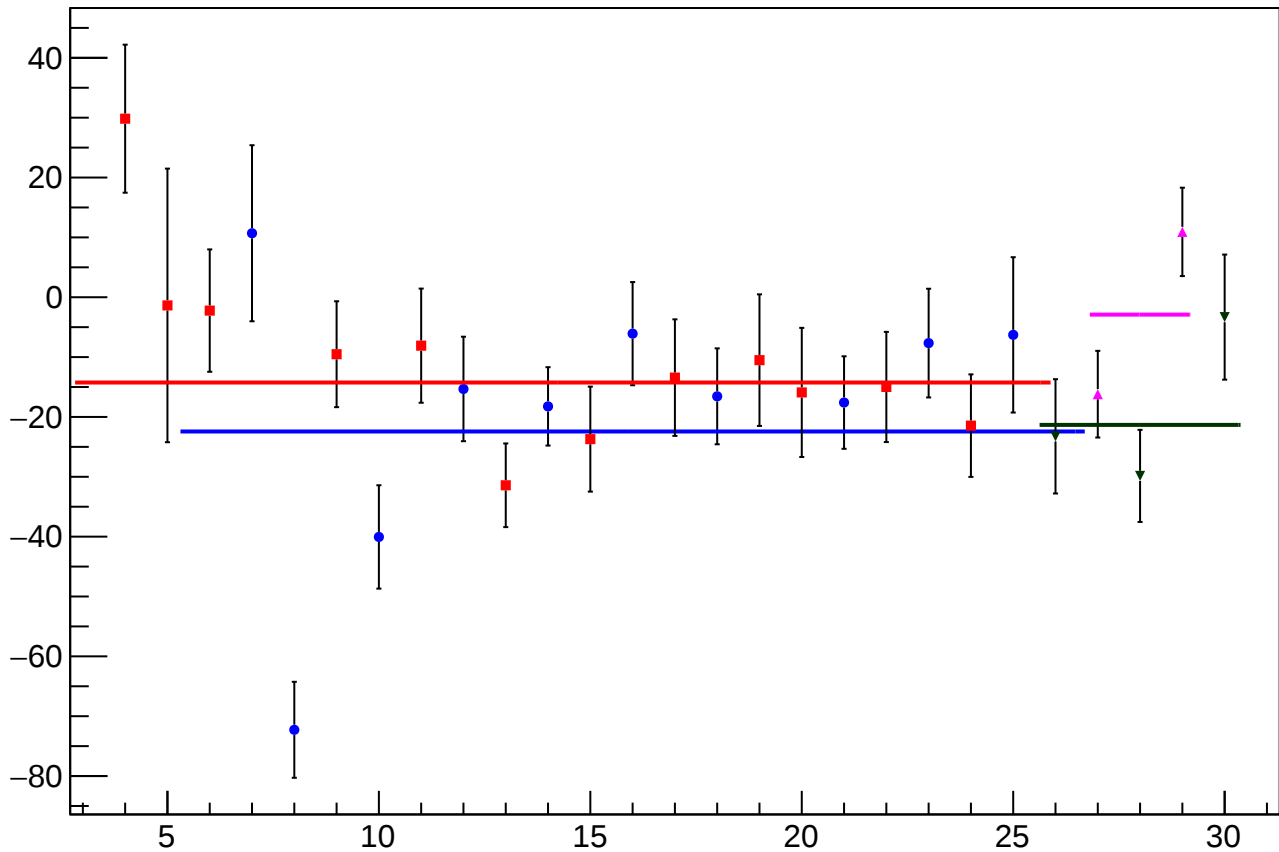
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

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

2225.491+/-0.557 χ^2/NDF : 297399.6/12

2307.296+/-0.578 χ^2/NDF : 109686.5/13

diff_bpm0l04X_mean vs slug



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

Left Out: -21.328 ± 5.198 χ^2/NDF : 4.2/2

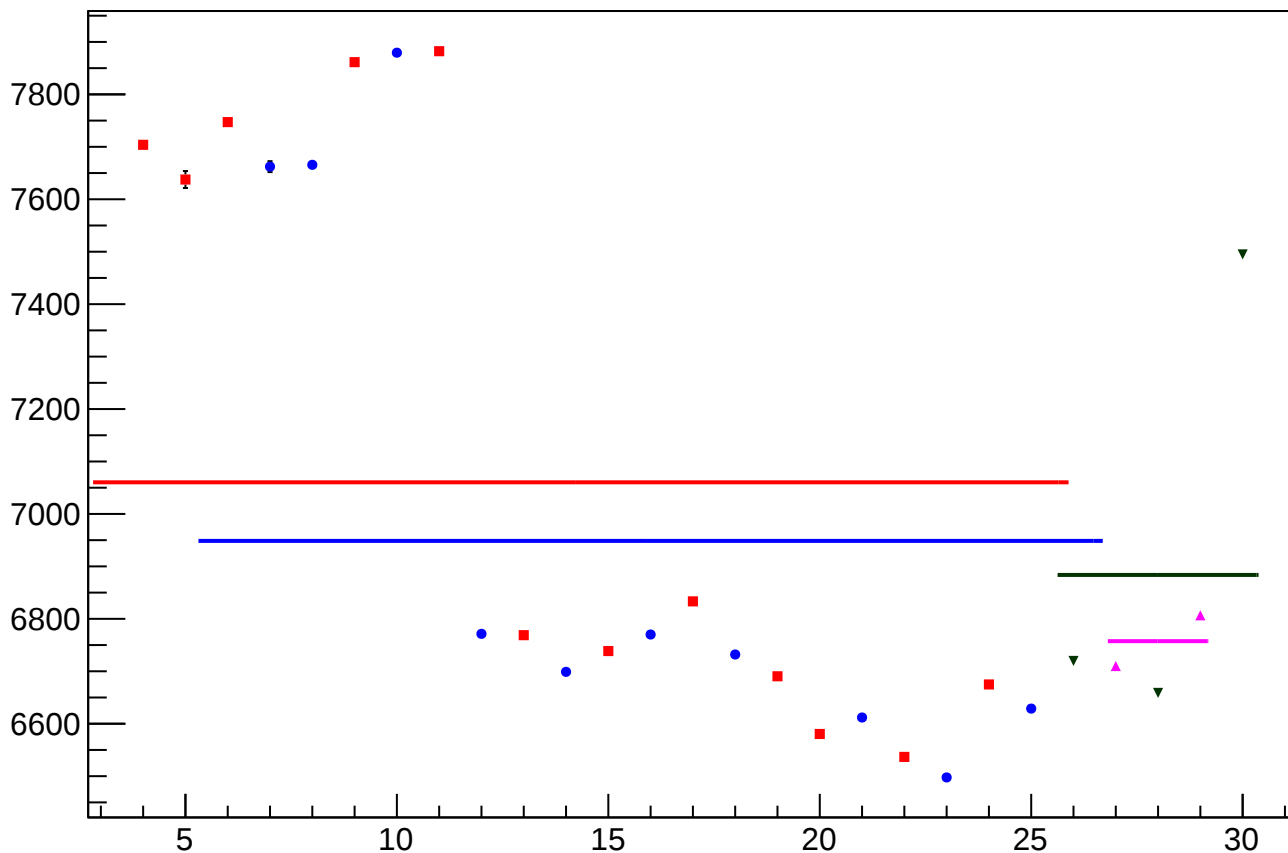
Right Out: -14.248 ± 2.794 χ^2/NDF : 23.2/11

Left In: -2.904 ± 5.170 χ^2/NDF : 6.9/1

-22.190 ± 2.419 χ^2/NDF : 61.9/12

-11.684 ± 2.458 χ^2/NDF : 33.8/13

diff_bpm0l04X_rms vs slug



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

Left Out: 6883.707+/-3.675 χ^2/NDF : 9140.2/2

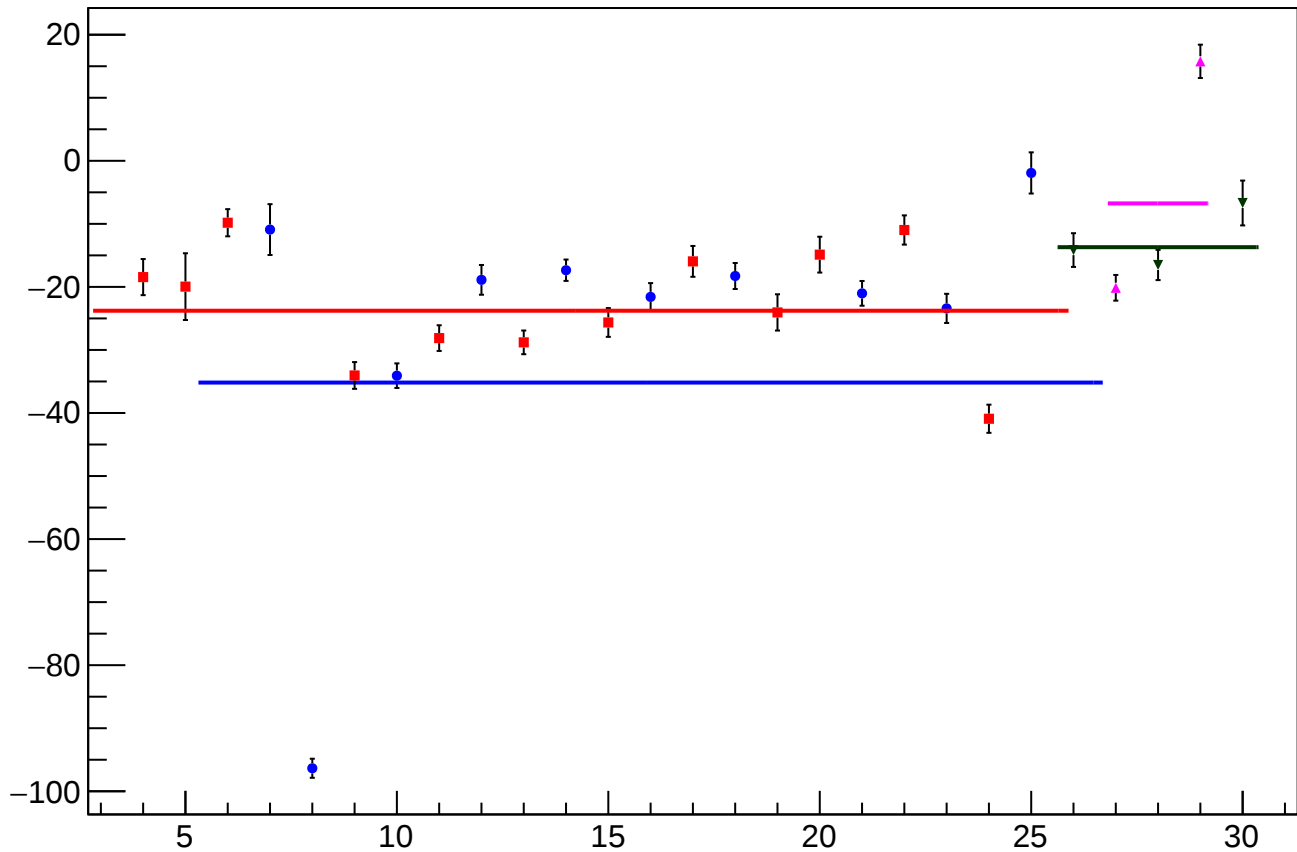
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

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

6934.556+/-1.710 χ^2/NDF : 69324.6/12

6991.839+/-1.738 χ^2/NDF : 76470.5/13

diff_bpm0l04Y_mean vs slug



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

Left Out: -13.700 ± 1.596 χ^2/NDF : 5.3/2

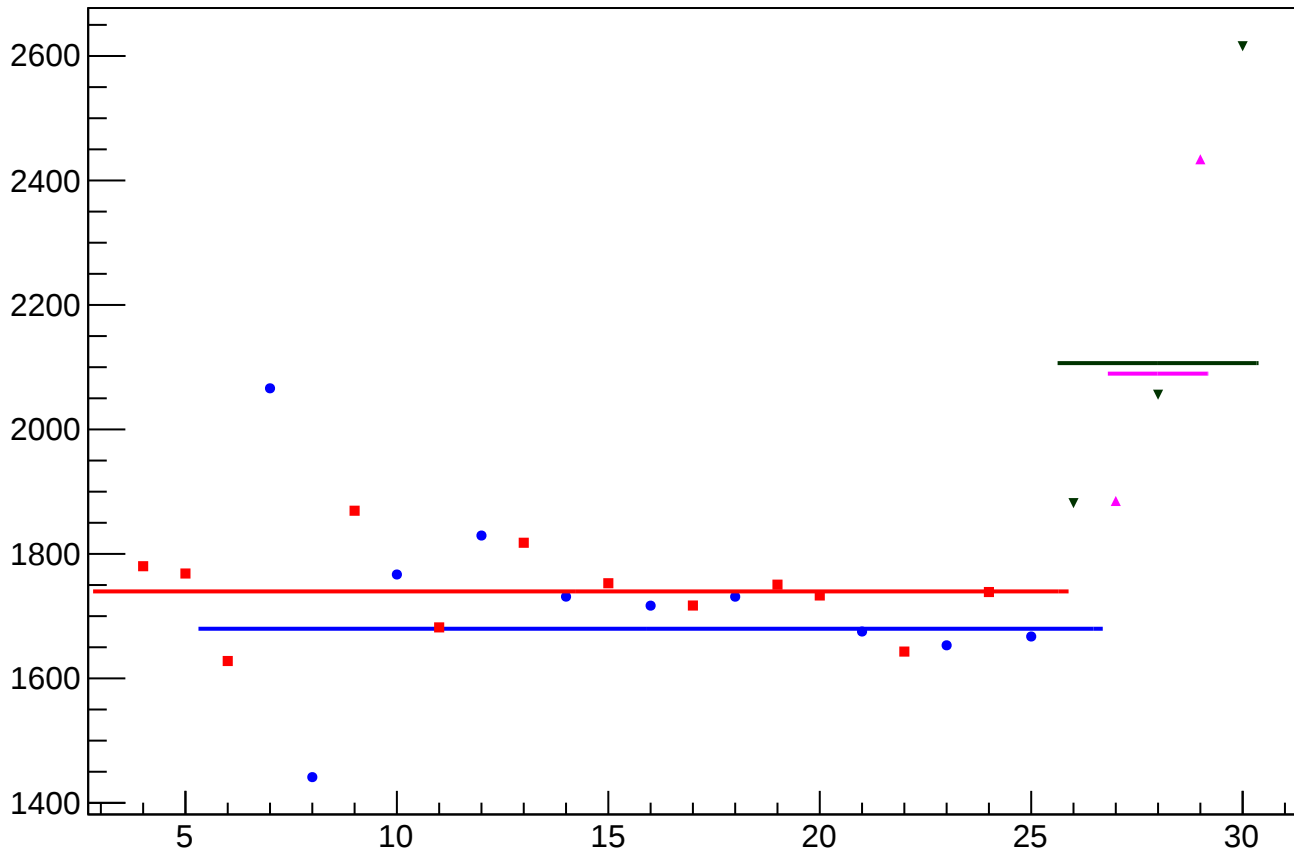
Right Out: -23.778 ± 0.688 χ^2/NDF : 191.1/11

Left In: -6.757 ± 1.614 χ^2/NDF : 115.8/1

-32.012 ± 0.612 χ^2/NDF : 2276.9/12

-21.158 ± 0.633 χ^2/NDF : 401.0/13

diff_bpm0l04Y_rms vs slug



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

Left Out: 2106.551 $\pm$ 1.128 χ^2 /NDF: 56059.6/2

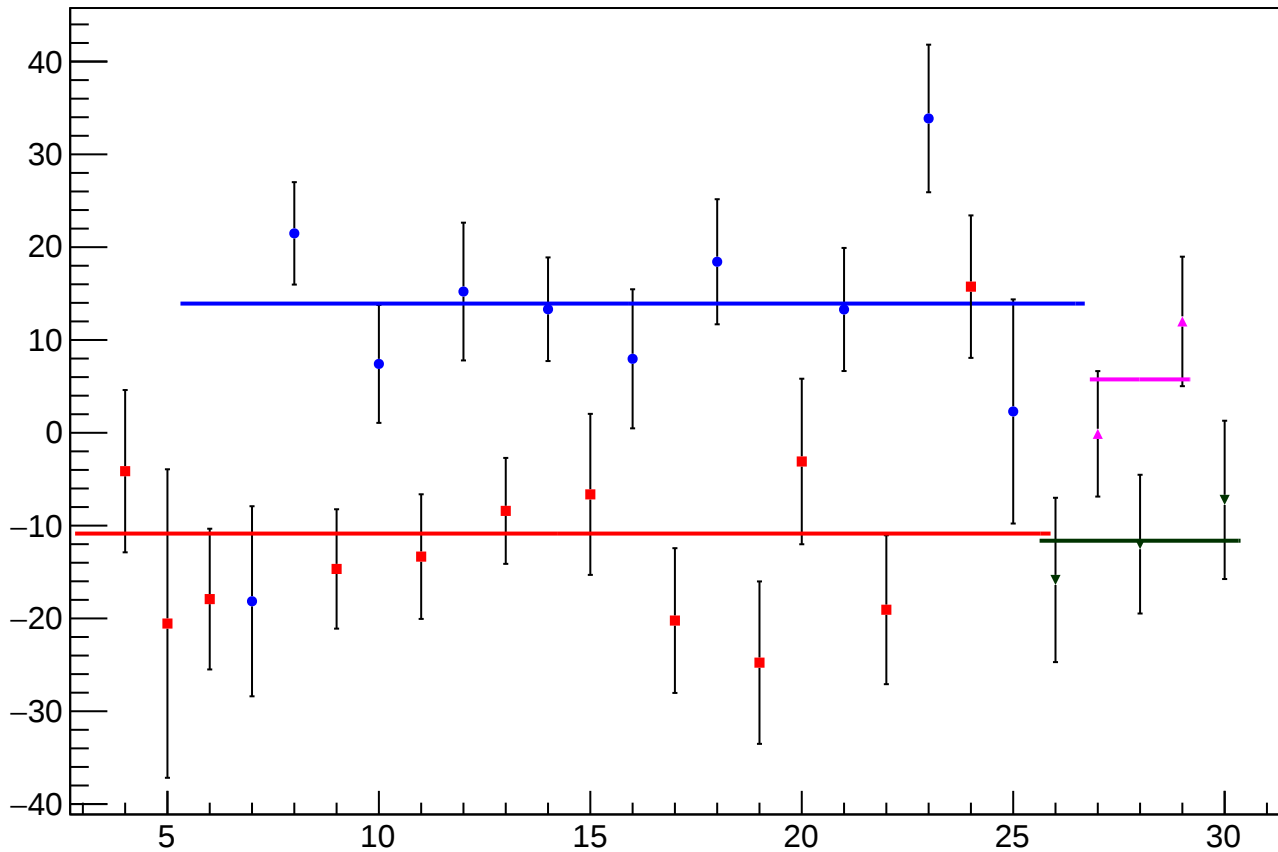
Right Out: 1739.740 $\pm$ 0.487 χ^2 /NDF: 22147.7/11

Left In: 2089.641 $\pm$ 1.141 χ^2 /NDF: 54098.4/1

1742.598 $\pm$ 0.433 χ^2 /NDF: 262122.5/12

1793.603 $\pm$ 0.448 χ^2 /NDF: 155773.2/13

diff_bpm0l05X_mean vs slug



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

Left Out: -11.628 ± 4.745 $\chi^2/\text{NDF}: 0.5/2$

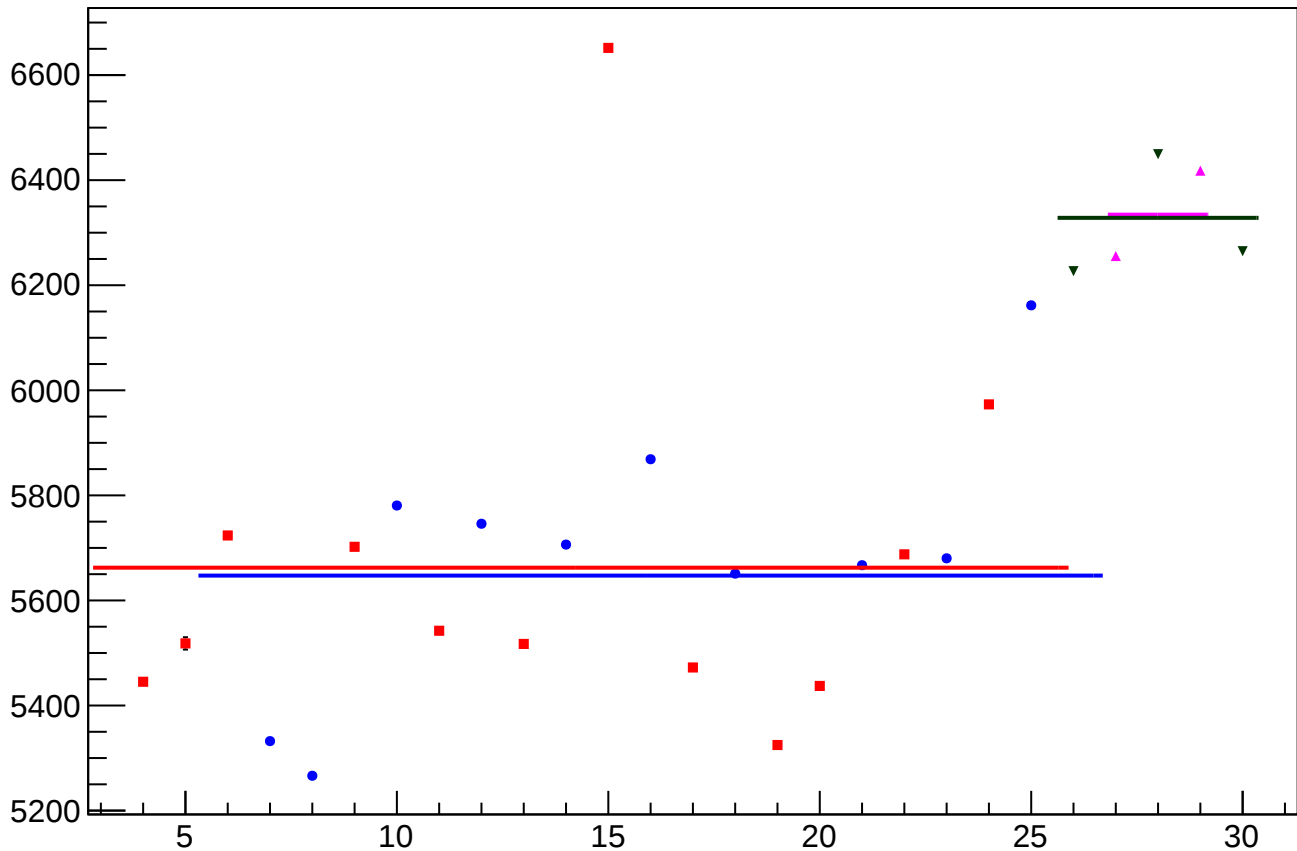
Right Out: -10.857 ± 2.241 $\chi^2/\text{NDF}: 20.5/11$

Left In: 5.753 ± 4.854 $\chi^2/\text{NDF}: 1.6/1$

9.330 ± 2.012 $\chi^2/\text{NDF}: 45.4/12$

-7.938 ± 2.035 $\chi^2/\text{NDF}: 31.7/13$

diff_bpm0l05X_rms vs slug



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

Left Out: 6328.294+/-3.355 χ^2/NDF : 899.7/2

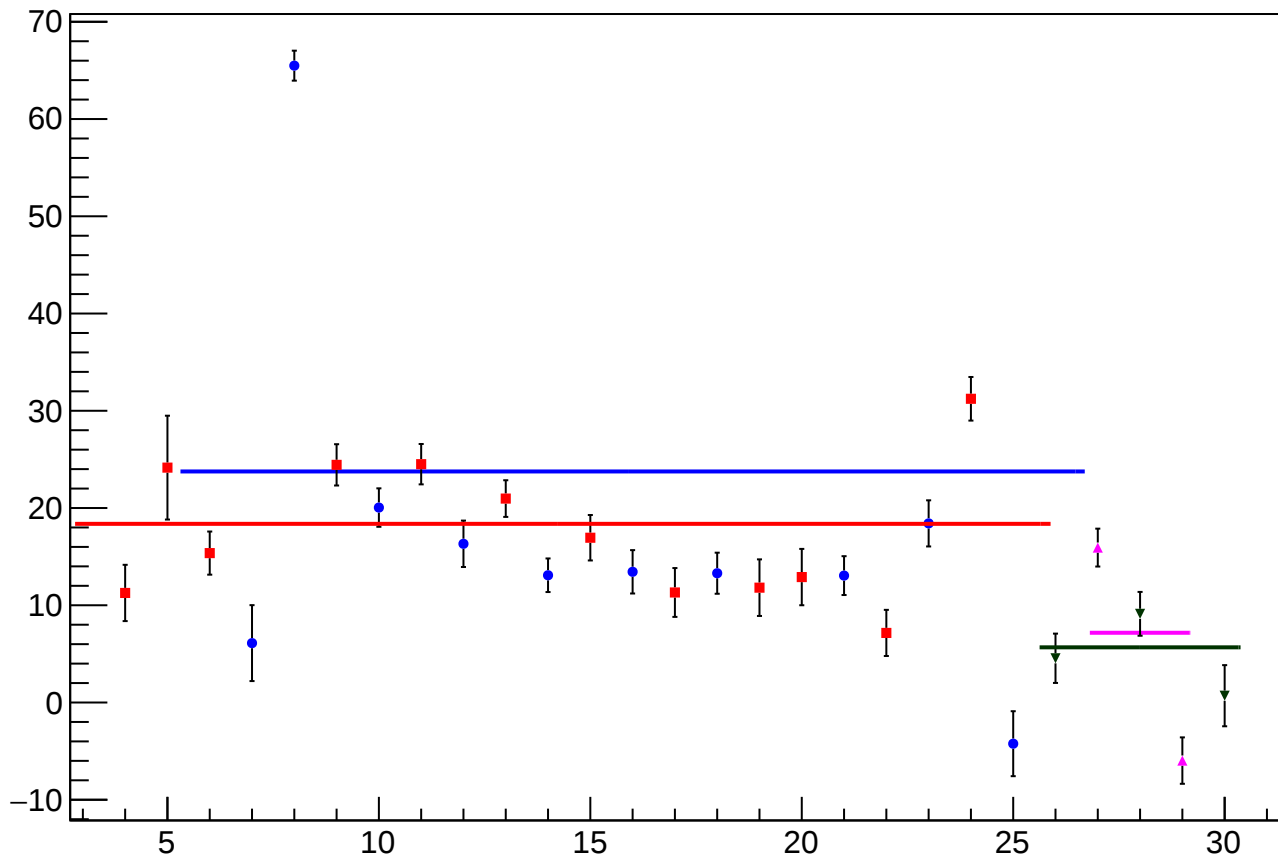
Right Out: 5662.385+/-1.585 χ^2/NDF : 38277.2/11

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

5769.720+/-1.423 χ^2/NDF : 53004.6/12

5780.459+/-1.439 χ^2/NDF : 70420.4/13

diff_bpm0l05Y_mean vs slug



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

Left Out: 5.674 $\pm$ 1.485 χ^2 /NDF: 5.0/2

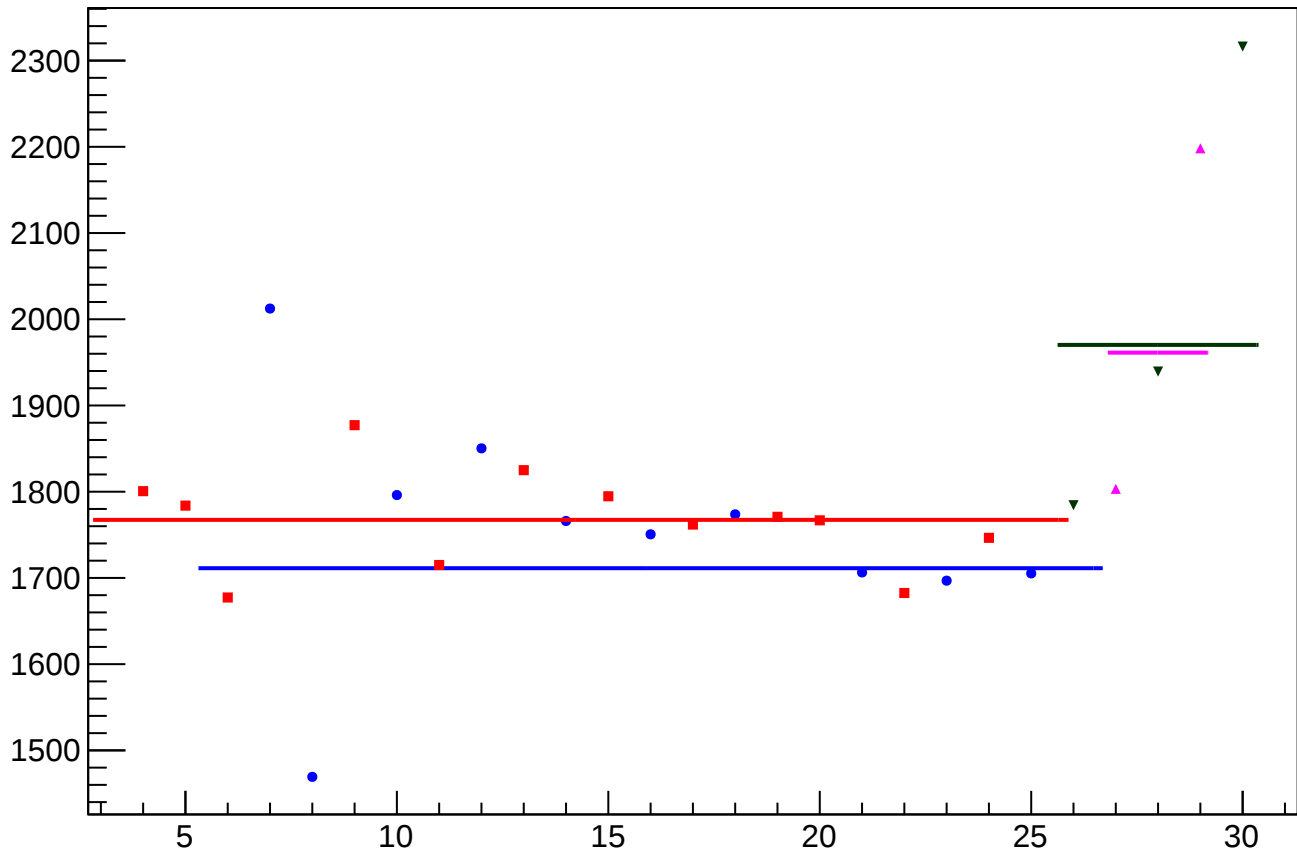
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

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

20.665 $\pm$ 0.614 χ^2 /NDF: 1082.7/12

16.396 $\pm$ 0.634 χ^2 /NDF: 195.9/13

diff_bpm0l05Y_rms vs slug



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

Left Out: 1970.256+/-1.050 χ^2/NDF : 35348.9/2

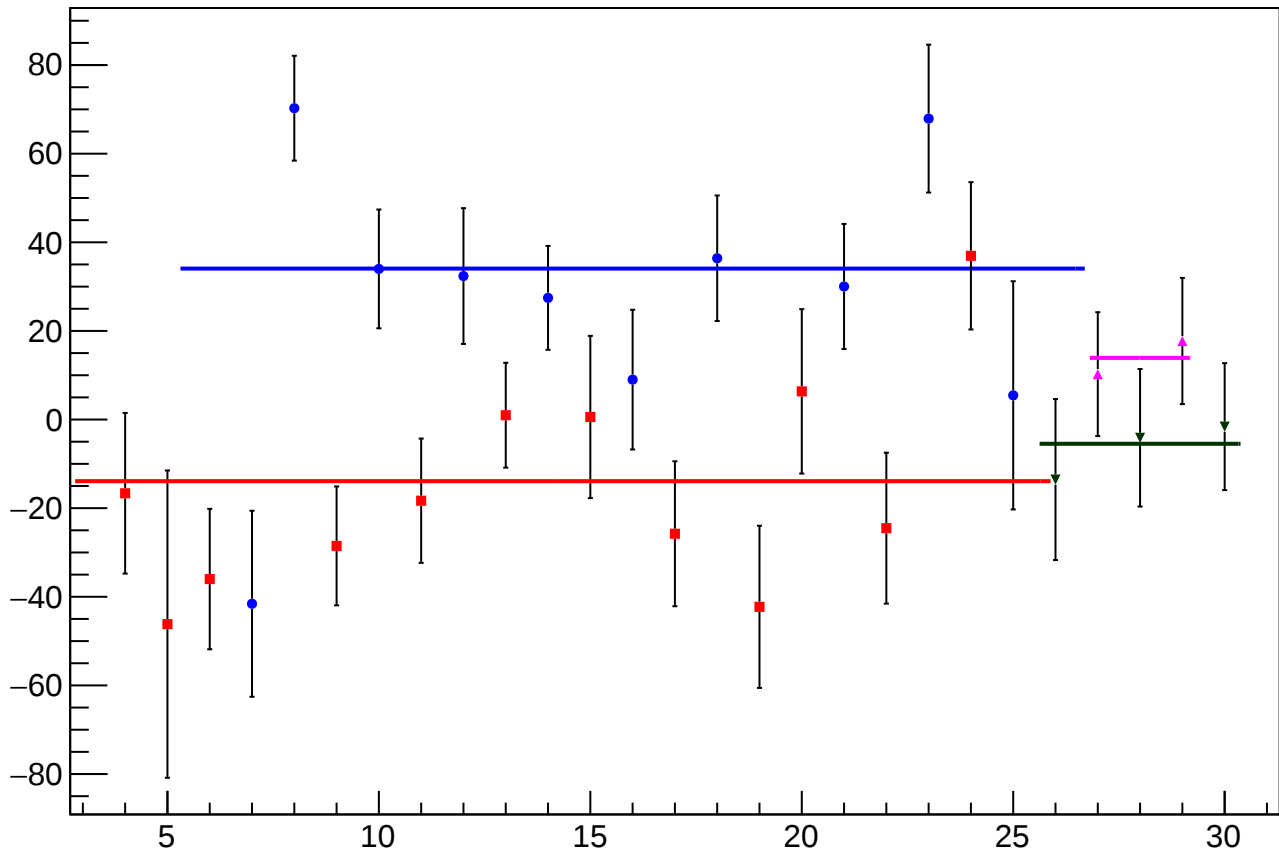
Right Out: 1767.340+/-0.494 χ^2/NDF : 15091.3/11

Left In: 1961.288+/-1.067 χ^2/NDF : 32872.4/1

1755.599+/-0.434 χ^2/NDF : 161911.9/12

1801.569+/-0.448 χ^2/NDF : 75166.4/13

diff_bpm0l06X_mean vs slug



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

Left Out: -5.470 $\pm$ 9.108 χ^2 /NDF:0.3/2

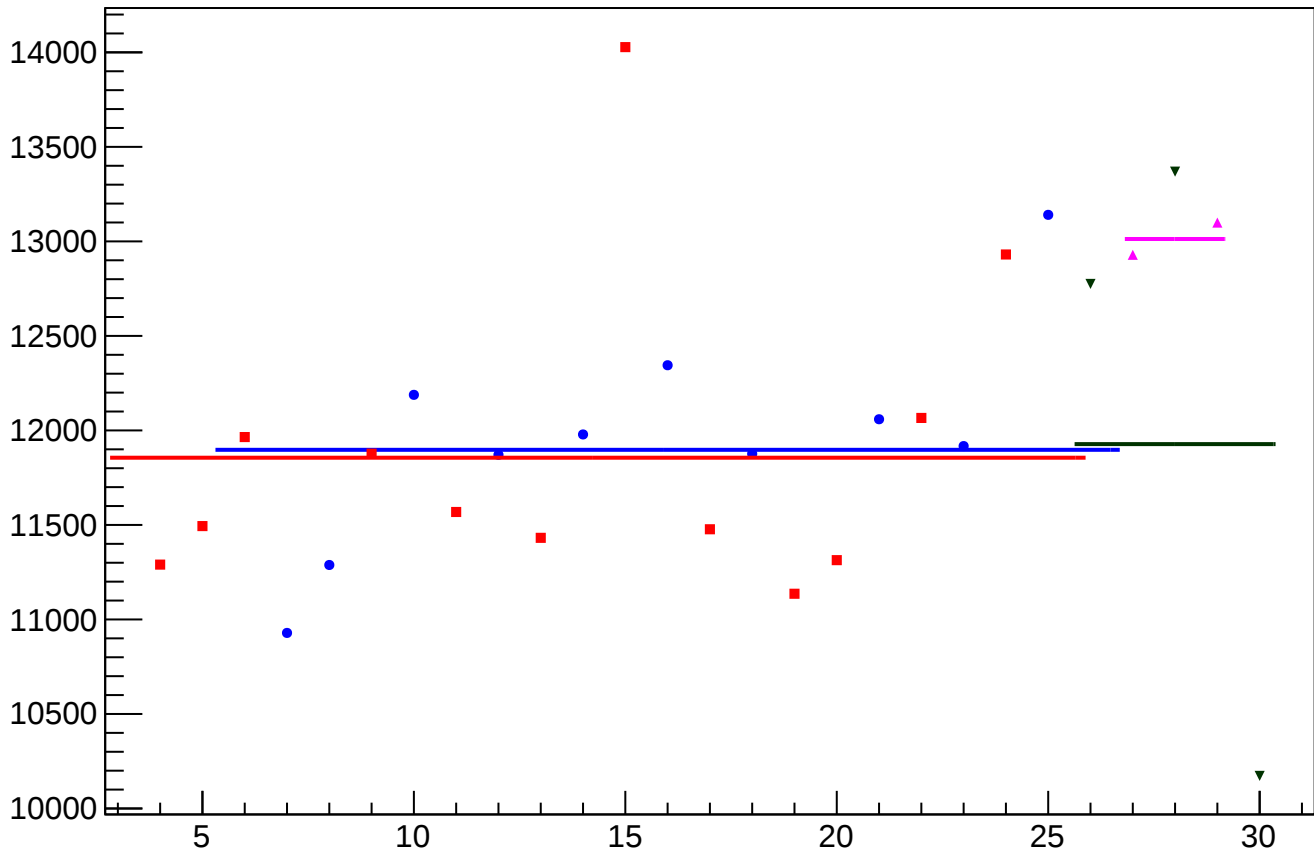
25.809 $\pm$ 4.163 χ^2 /NDF: 45.8/12

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

-8.856 $\pm$ 4.250 χ^2 /NDF: 26.7/13

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

diff_bpm0l06X_rms vs slug



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

Left Out: 11927.590+/-6.440 χ^2/NDF : 51622.6/2

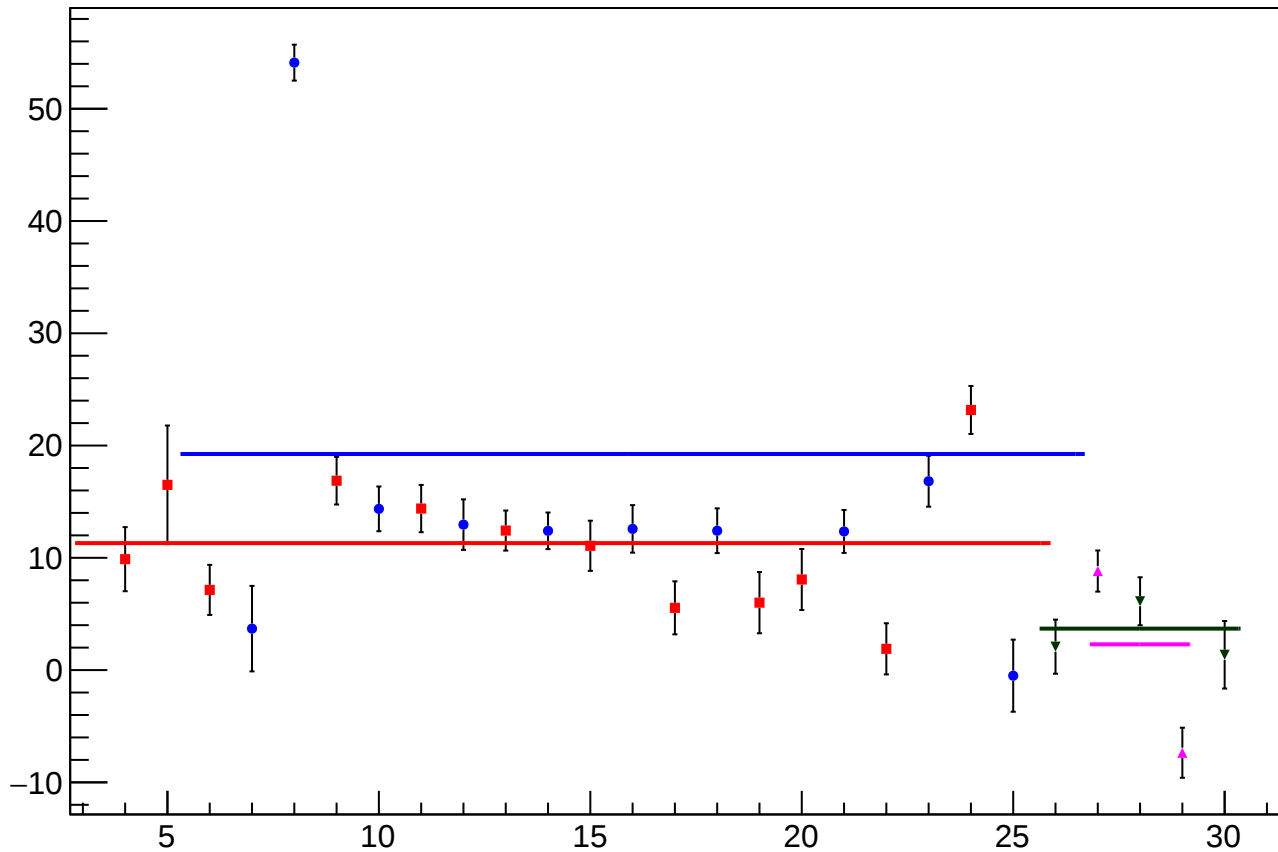
11903.728+/-2.944 χ^2/NDF : 68784.2/12

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

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

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

diff_bpm0l06Y_mean vs slug



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

Left Out: 3.694 $\pm$ 1.411 χ^2 /NDF: 2.3/2

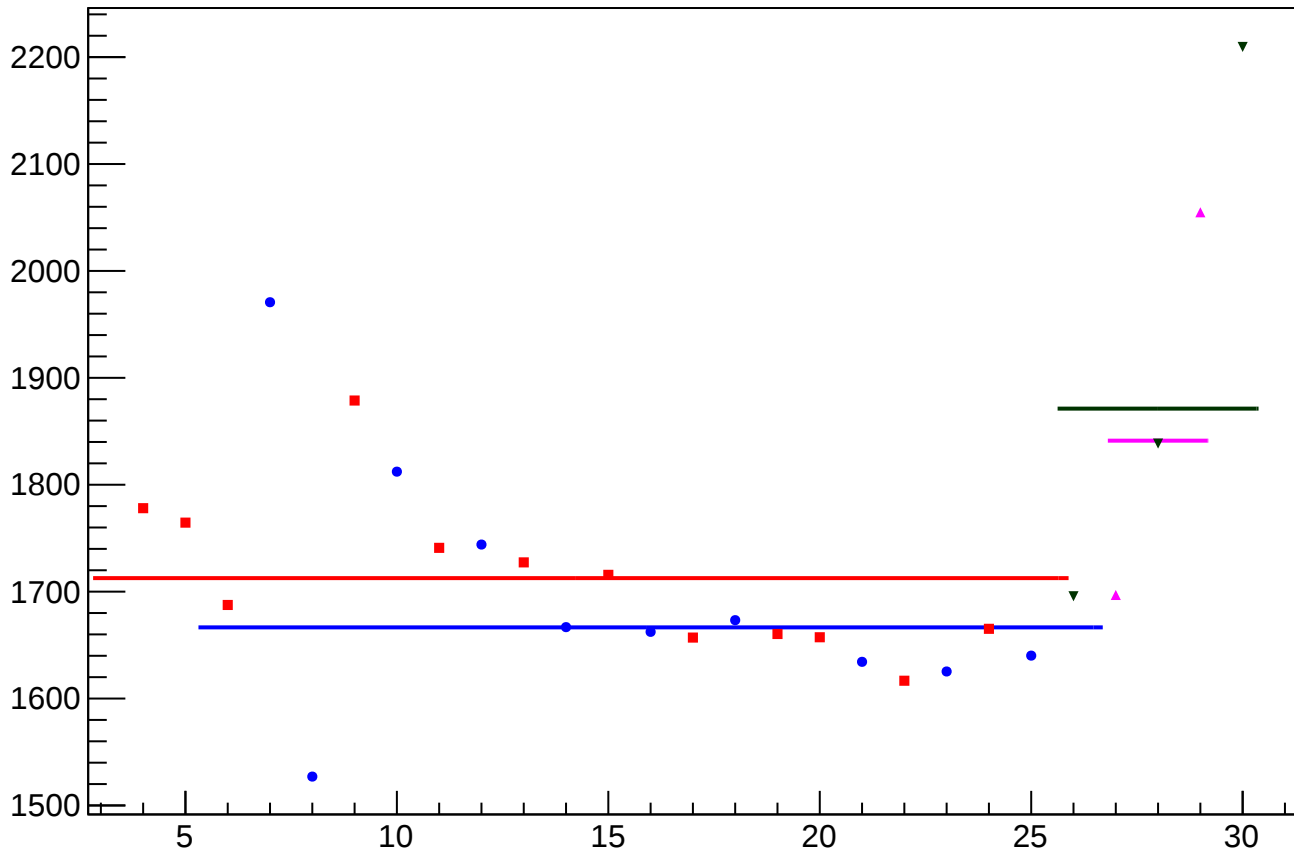
Right Out: 11.311 $\pm$ 0.677 χ^2 /NDF: 73.1/11

Left In: 2.295 $\pm$ 1.416 χ^2 /NDF: 31.4/1

16.487 $\pm$ 0.595 χ^2 /NDF: 698.5/12

9.634 $\pm$ 0.611 χ^2 /NDF: 137.6/13

diff_bpm0l06Y_rms vs slug



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

Left Out: 1871.201+/-0.998 χ^2/NDF : 36379.6/2

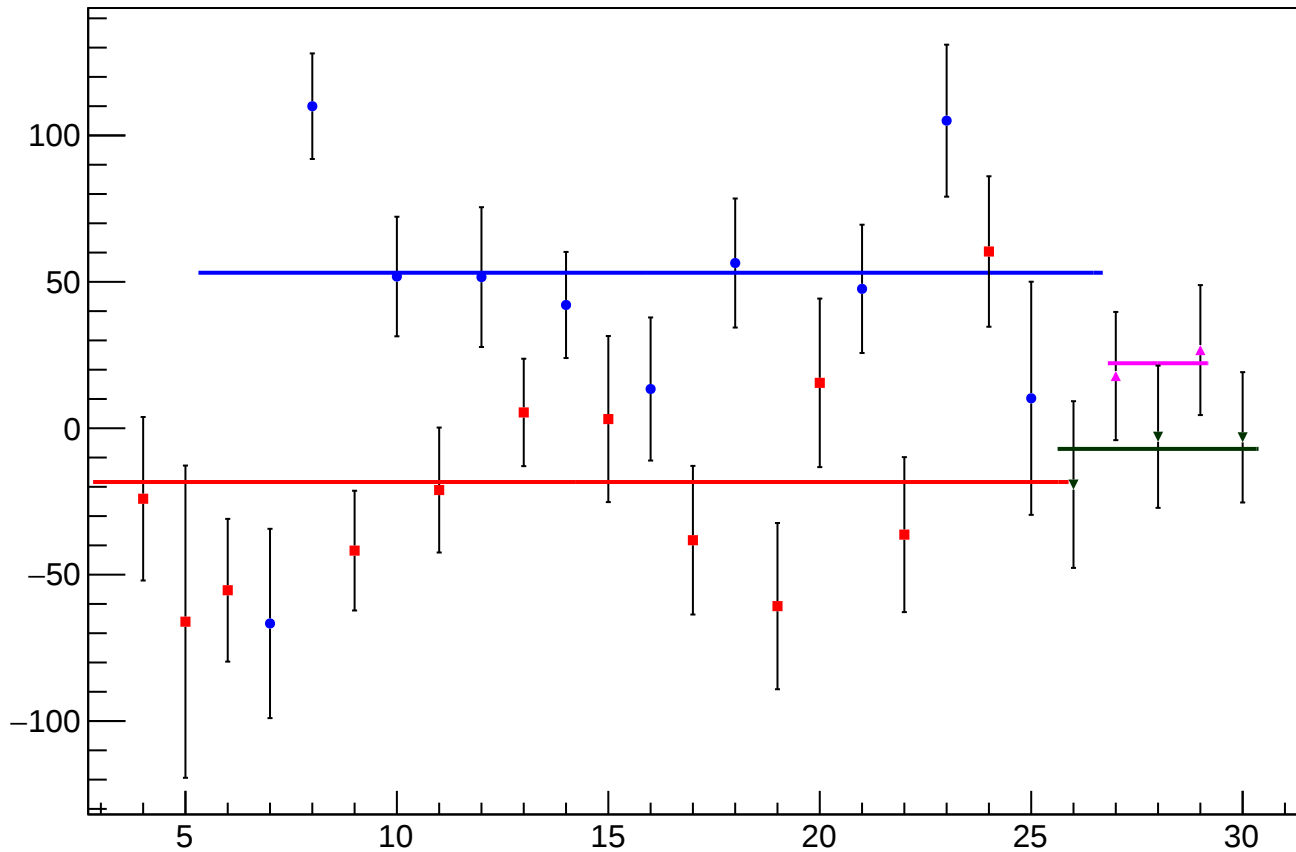
Right Out: 1712.647+/-0.479 χ^2/NDF : 21464.2/11

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

1702.905+/-0.421 χ^2/NDF : 113390.0/12

1736.562+/-0.432 χ^2/NDF : 65639.5/13

diff_bpm0l07X_mean vs slug



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

Left Out: -7.050 $\pm$ 14.216 χ^2/NDF : 0.2/2

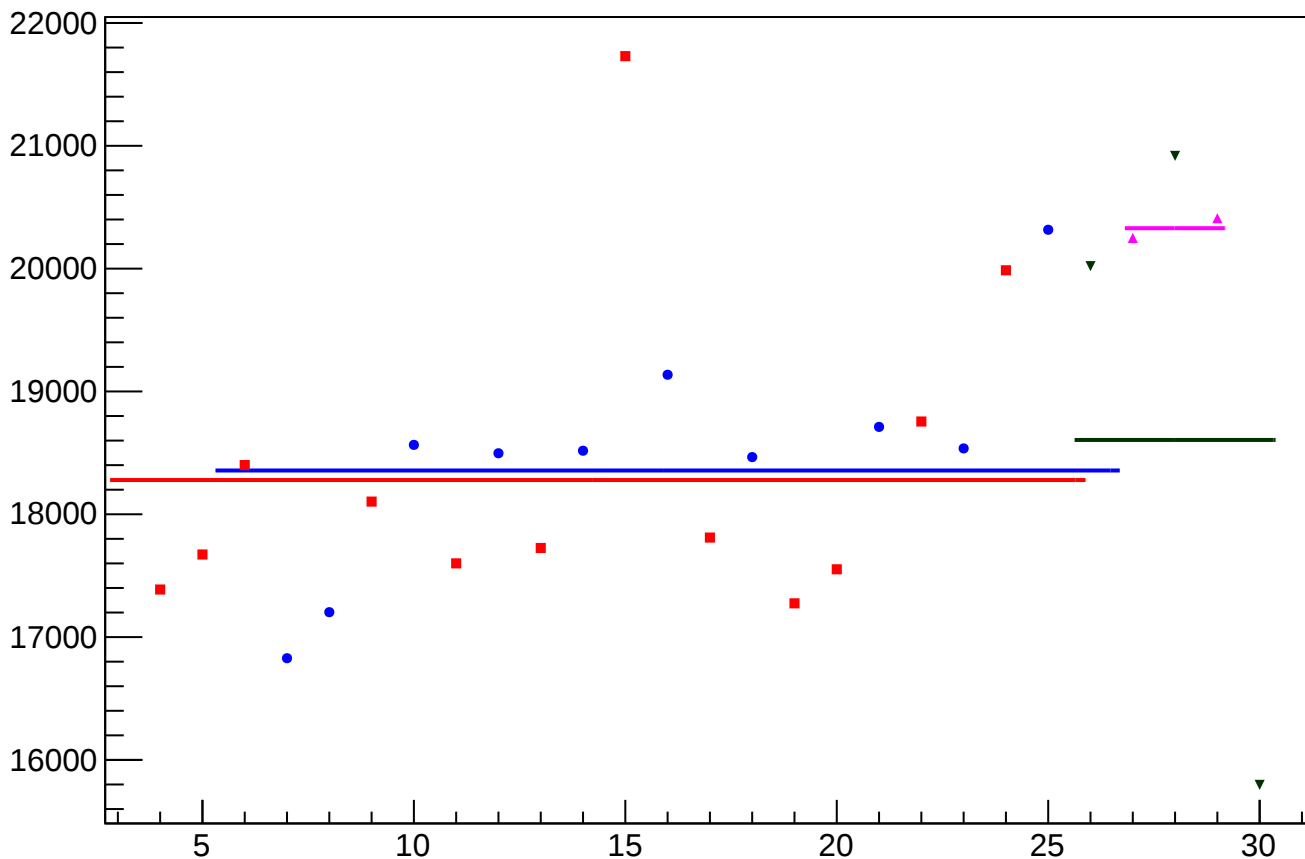
Right Out: -18.361 $\pm$ 7.243 χ^2/NDF : 20.8/11

Left In: 22.206 $\pm$ 15.587 χ^2/NDF : 0.1/1

40.765 $\pm$ 6.440 χ^2/NDF : 46.4/12

-11.157 $\pm$ 6.568 χ^2/NDF : 26.4/13

diff_bpm0l07X_rms vs slug



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

Left Out: 18605.171+/-10.052 χ^2/NDF : 54922.6/2

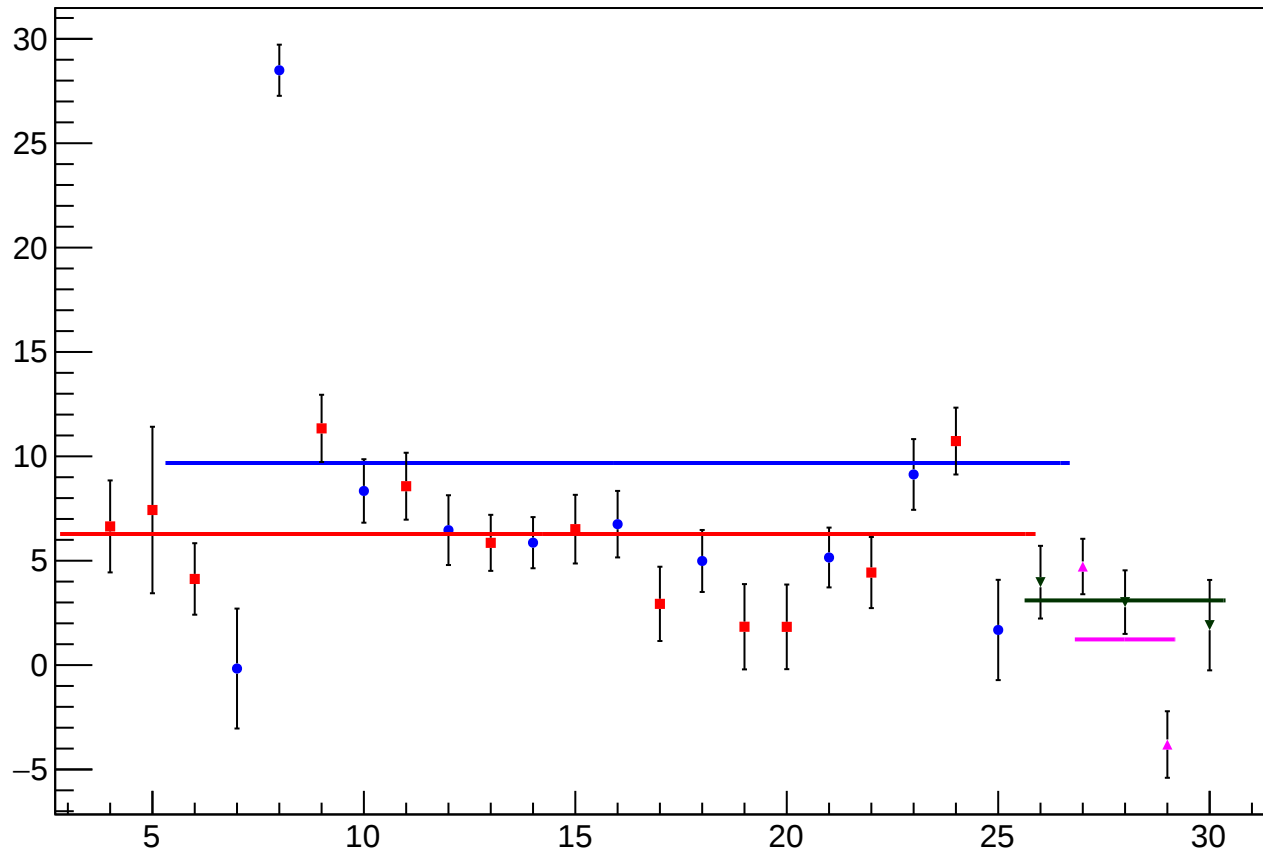
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

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

18407.543+/-4.554 χ^2/NDF : 76054.1/12

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

diff_bpm0l07Y_mean vs slug



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

Left Out: 3.098 ± 1.013 χ^2/NDF : 0.6/2

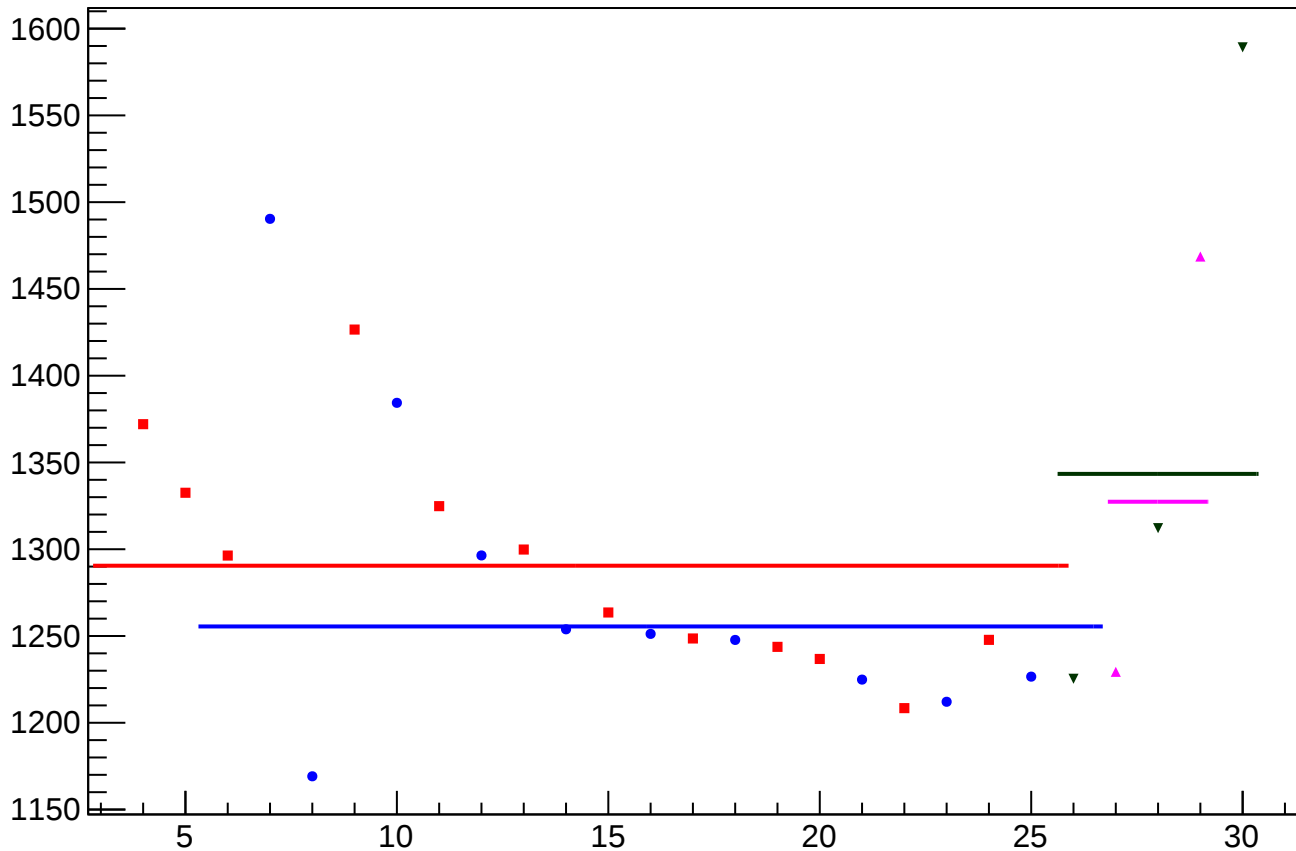
Right Out: 6.280 ± 0.510 χ^2/NDF : 35.7/11

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

8.417 ± 0.444 χ^2/NDF : 330.9/12

5.270 ± 0.456 χ^2/NDF : 72.2/13

diff_bpm0l07Y_rms vs slug



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

Left Out: 1343.417+/-0.716 χ^2/NDF : 35802.1/2

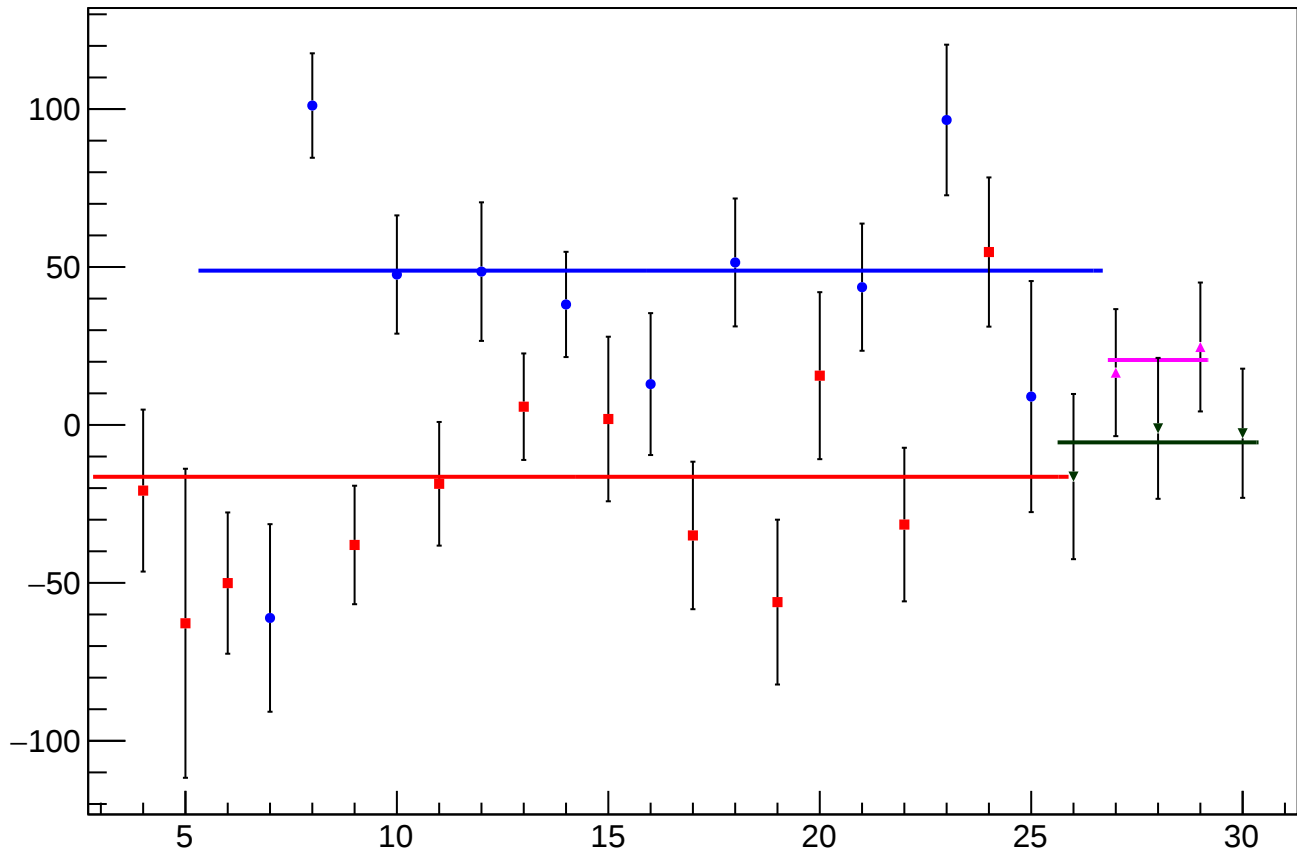
Right Out: 1290.505+/-0.361 χ^2/NDF : 28459.4/11

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

1272.382+/-0.314 χ^2/NDF : 89436.0/12

1297.877+/-0.323 χ^2/NDF : 57158.1/13

diff_bpm0l08X_mean vs slug



Right In: 48.850 ± 6.634 $\chi^2/\text{NDF}: 31.9/9$

Left Out: -5.520 ± 13.059 $\chi^2/\text{NDF}: 0.2/2$

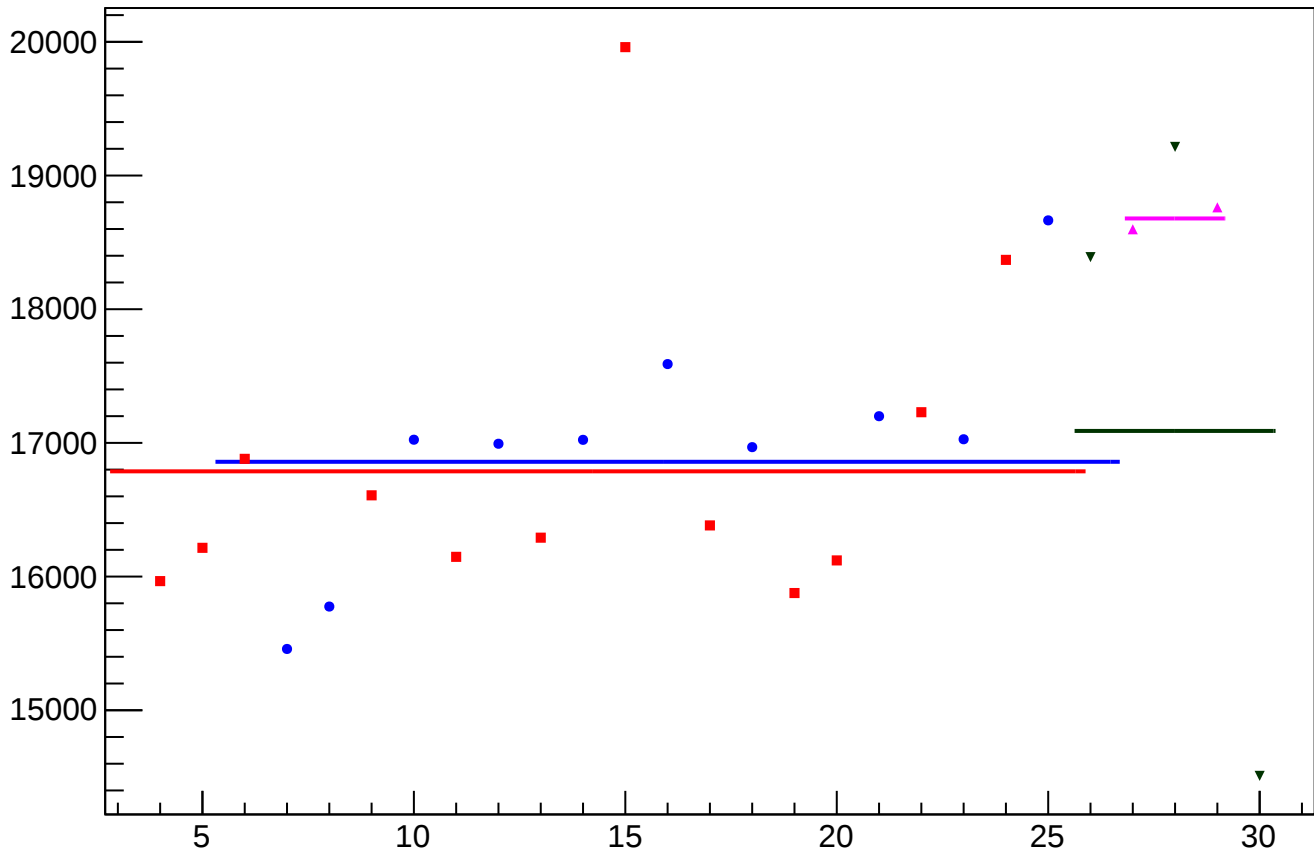
Right Out: -16.413 ± 6.651 $\chi^2/\text{NDF}: 20.6/11$

Left In: 20.562 ± 14.321 $\chi^2/\text{NDF}: 0.1/1$

37.697 ± 5.915 $\chi^2/\text{NDF}: 46.0/12$

-9.853 ± 6.033 $\chi^2/\text{NDF}: 26.2/13$

diff_bpm0l08X_rms vs slug



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

Left Out: 17089.481+/-9.234 χ^2/NDF : 54942.9/2

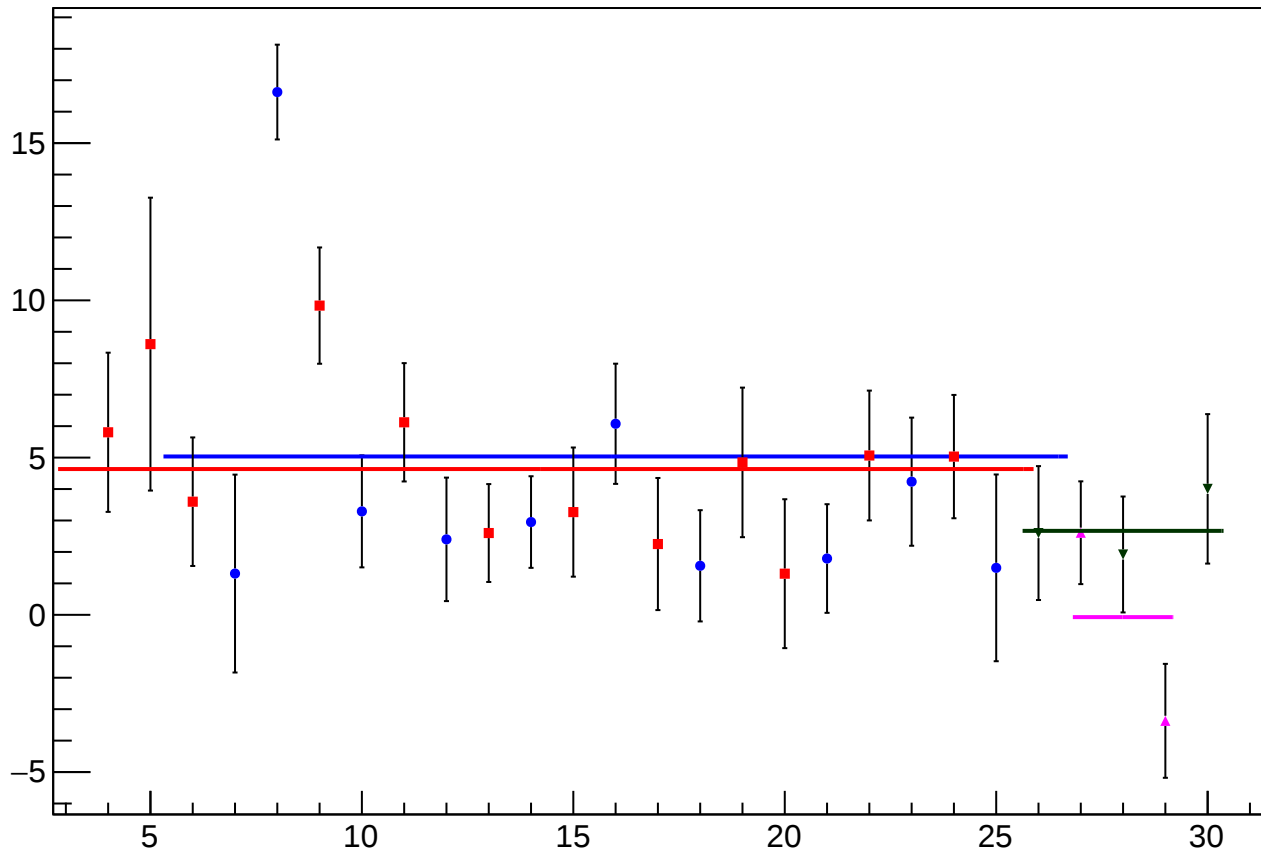
Right Out: 16787.169+/-4.703 χ^2/NDF : 50027.0/11

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

16905.970+/-4.182 χ^2/NDF : 76616.7/12

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

diff_bpm0l08Y_mean vs slug



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

Left Out: 2.670 ± 1.202 χ^2/NDF : 0.5/2

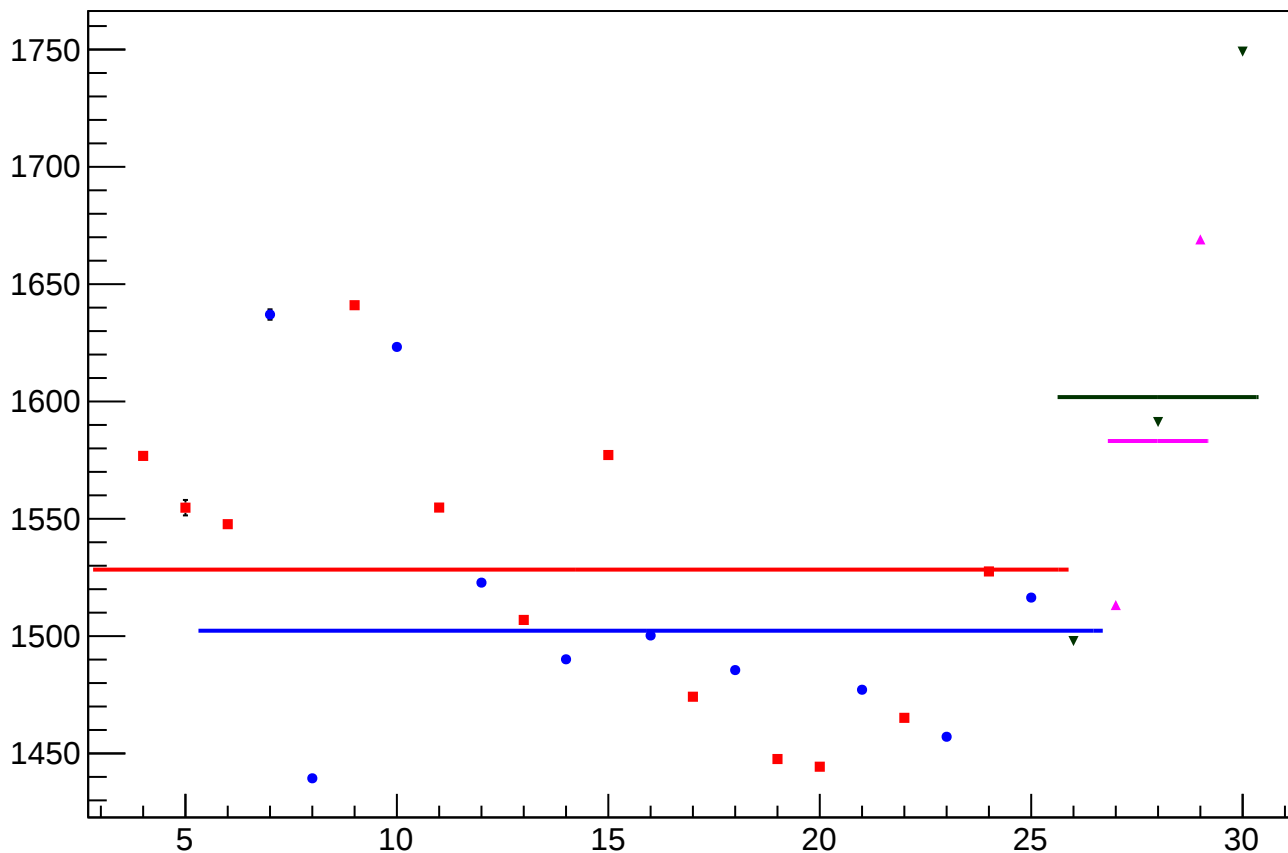
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

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

4.576 ± 0.530 χ^2/NDF : 78.2/12

3.701 ± 0.541 χ^2/NDF : 33.3/13

diff_bpm0l08Y_rms vs slug



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

Left Out: 1601.872 ± 0.850 χ^2/NDF : 12514.5/2

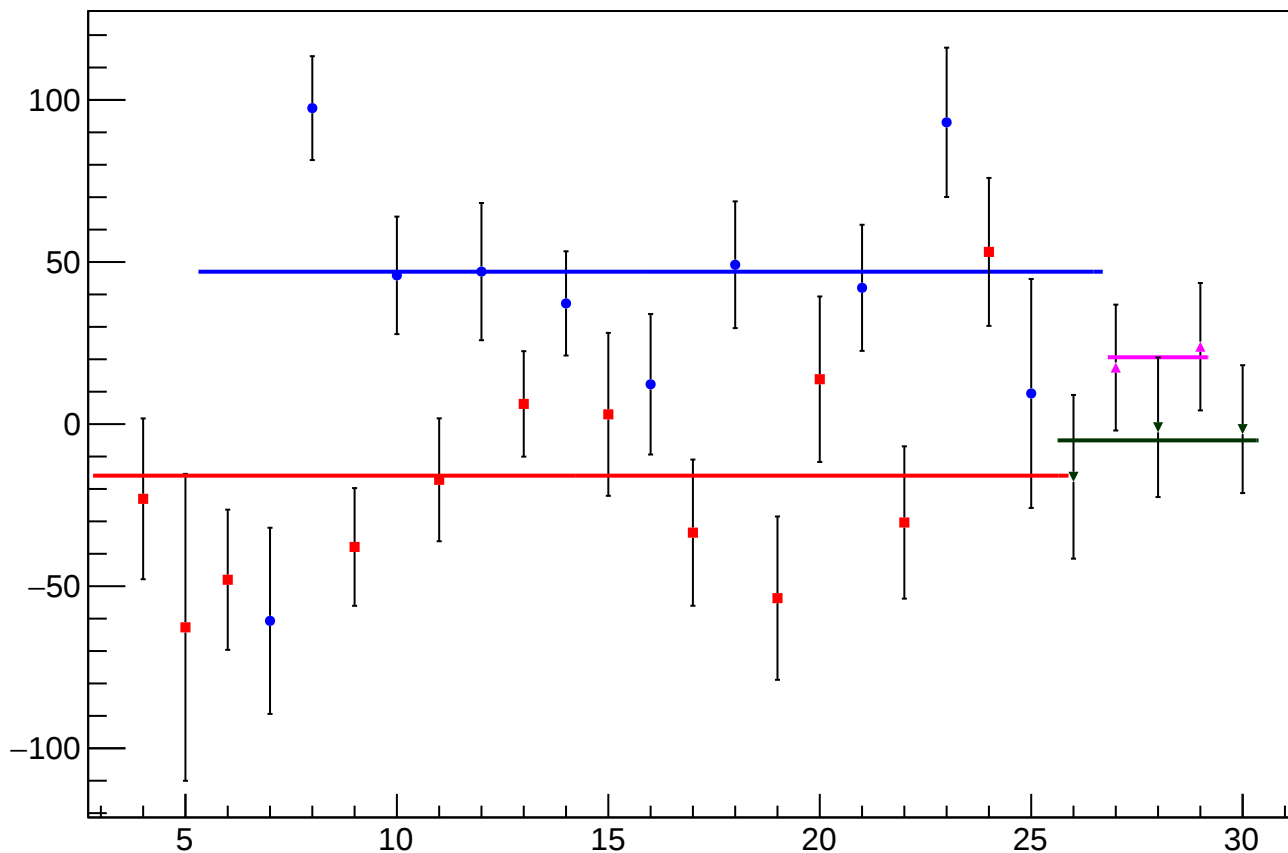
Right Out: 1528.347 ± 0.427 χ^2/NDF : 18336.6/11

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

1521.649 ± 0.375 χ^2/NDF : 41945.0/12

1539.226 ± 0.382 χ^2/NDF : 29768.5/13

diff_bpm0l09X_mean vs slug



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

Left Out: -5.016 ± 12.601 χ^2/NDF : 0.3/2

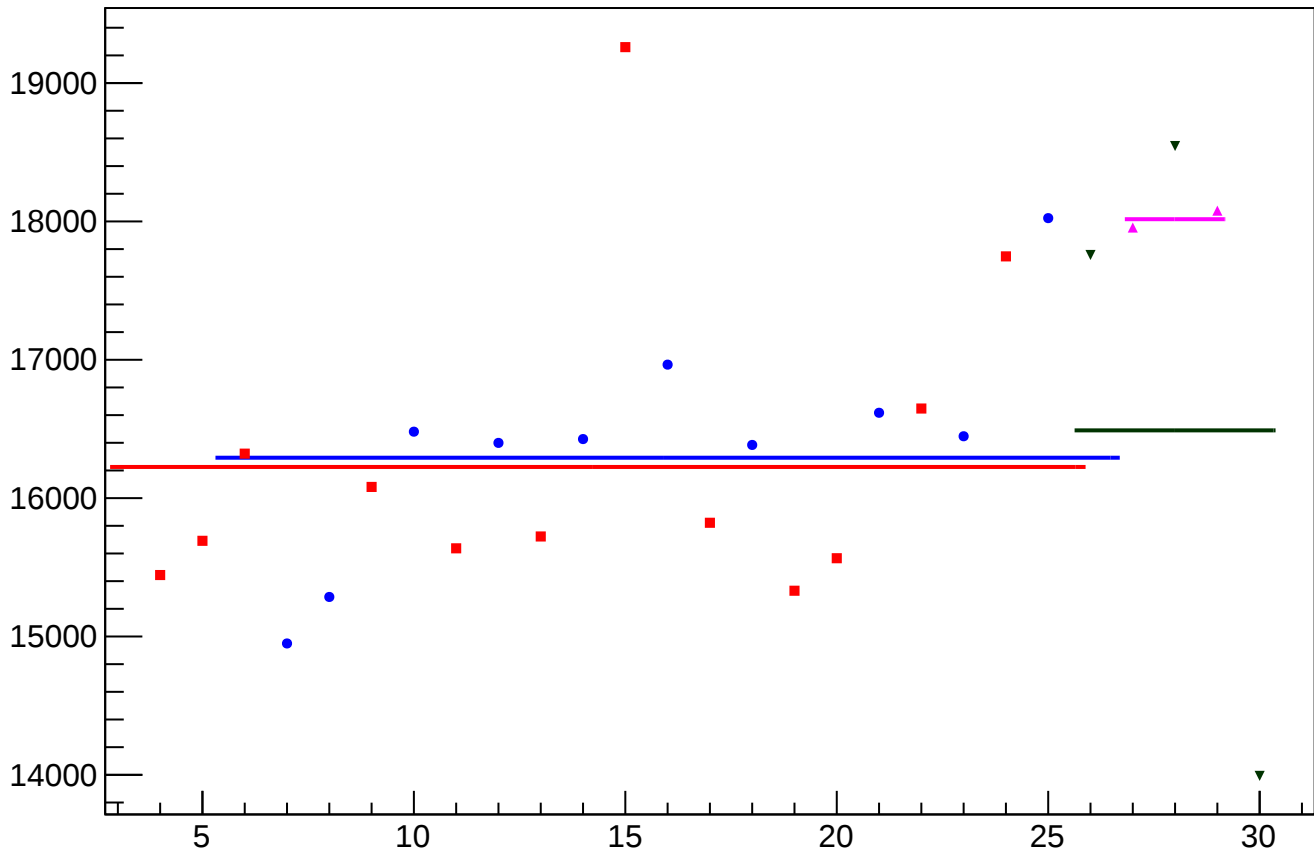
Right Out: -15.898 ± 6.429 χ^2/NDF : 20.9/11

Left In: 20.624 ± 13.813 χ^2/NDF : 0.1/1

36.317 ± 5.714 χ^2/NDF : 46.0/12

-9.395 ± 5.828 χ^2/NDF : 26.7/13

diff_bpm0l09X_rms vs slug



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

Left Out: 16489.803+/-8.910 χ^2/NDF : 55344.2/2

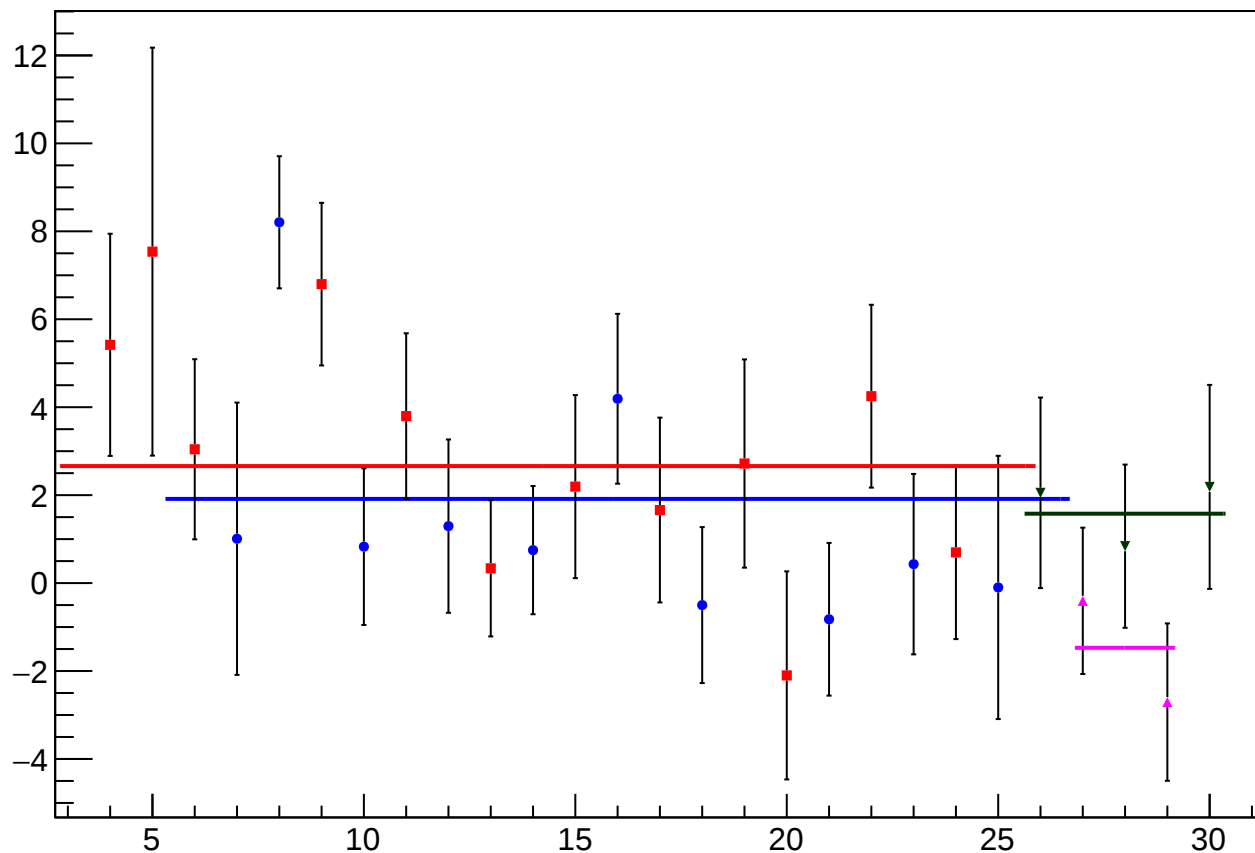
16332.824+/-4.040 χ^2/NDF : 75834.9/12

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

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

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

diff_bpm0l09Y_mean vs slug



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

Left Out: 1.578 ± 1.205 $\chi^2/\text{NDF}: 0.3/2$

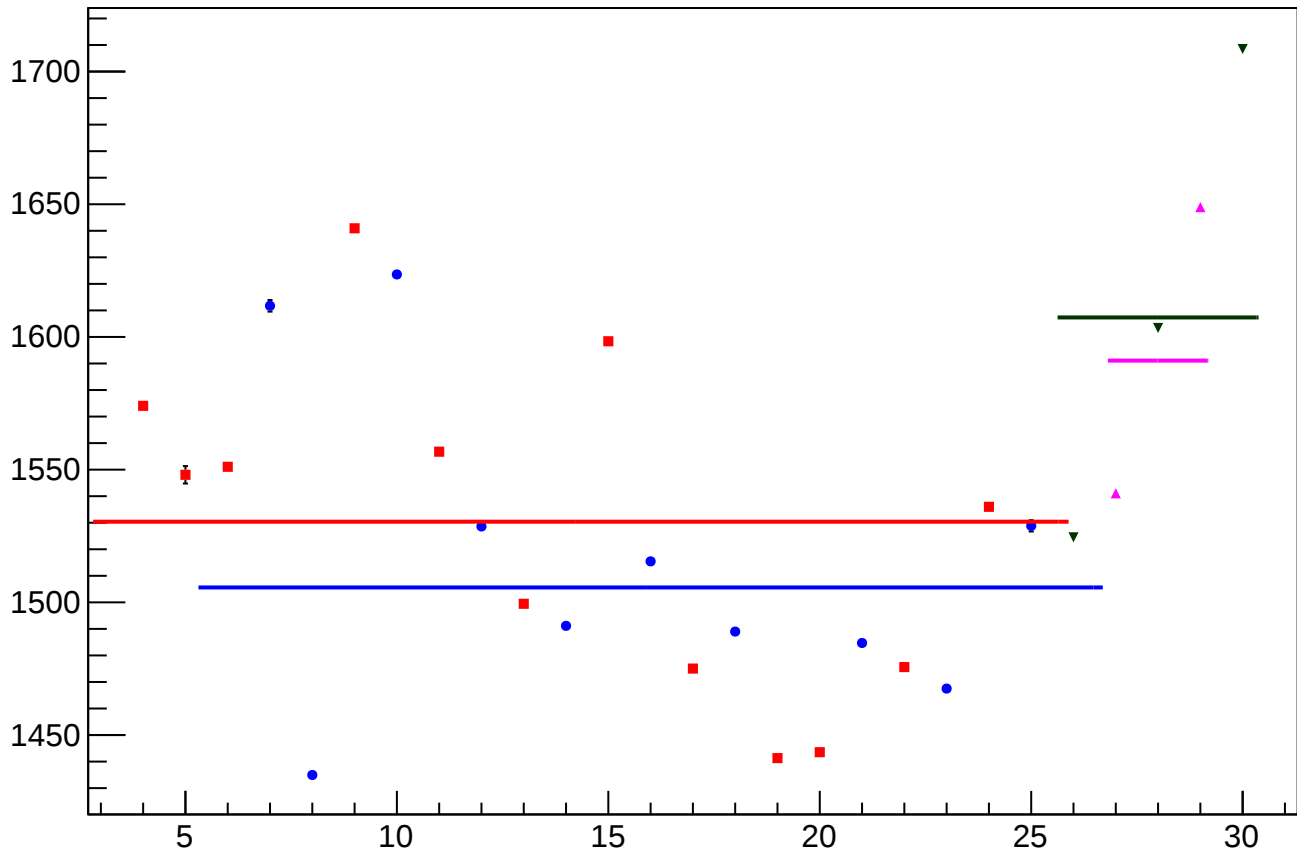
Right Out: 2.661 ± 0.605 $\chi^2/\text{NDF}: 15.9/11$

Left In: -1.472 ± 1.219 $\chi^2/\text{NDF}: 0.9/1$

1.849 ± 0.531 $\chi^2/\text{NDF}: 25.8/12$

1.844 ± 0.542 $\chi^2/\text{NDF}: 26.0/13$

diff_bpm0l09Y_rms vs slug



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

Left Out: 1607.347+/-0.852 χ^2/NDF : 6735.4/2

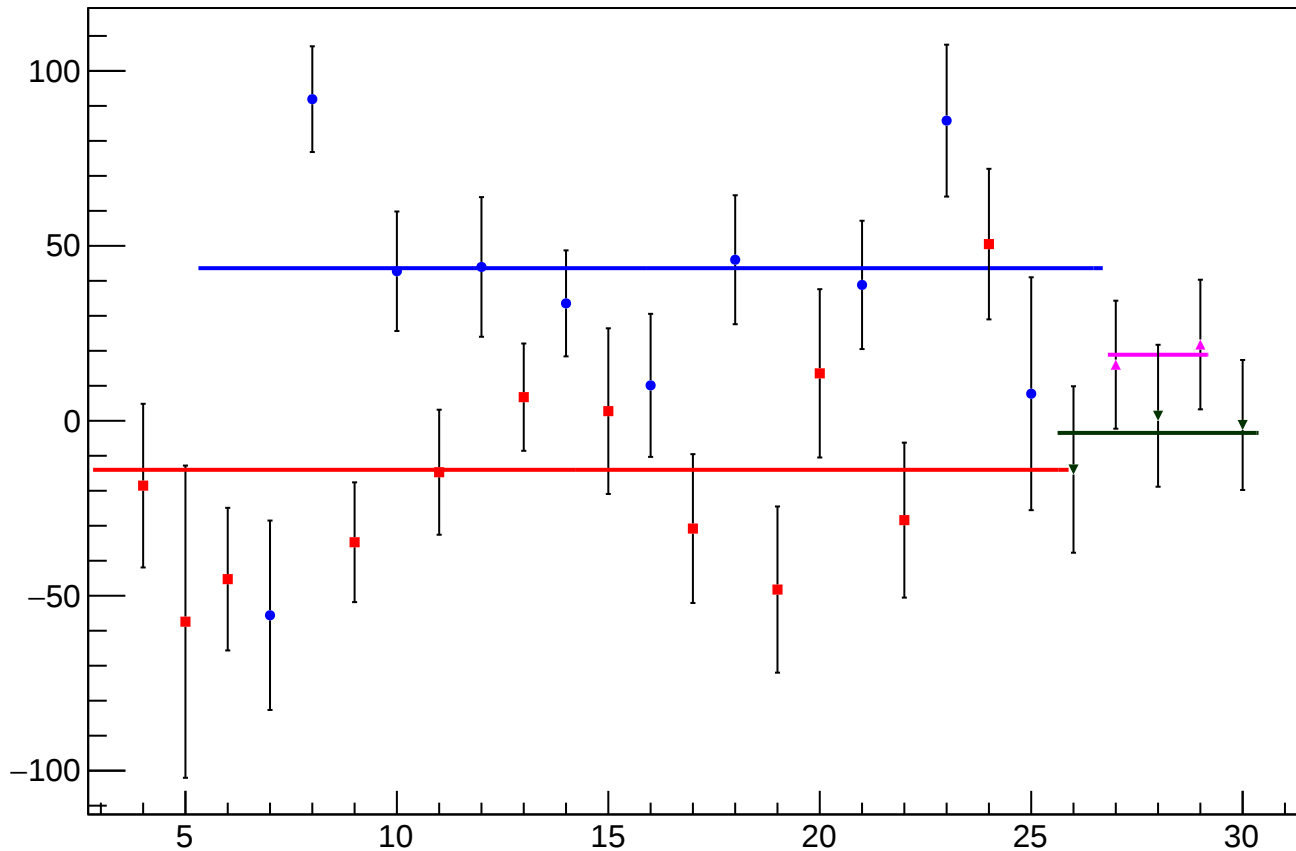
Right Out: 1530.389+/-0.428 χ^2/NDF : 19618.0/11

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

1525.380+/-0.375 χ^2/NDF : 35567.0/12

1542.379+/-0.383 χ^2/NDF : 27493.3/13

diff_bpm0l10X_mean vs slug



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

Left Out: -3.463 $\pm$ 11.871 χ^2 /NDF: 0.3/2

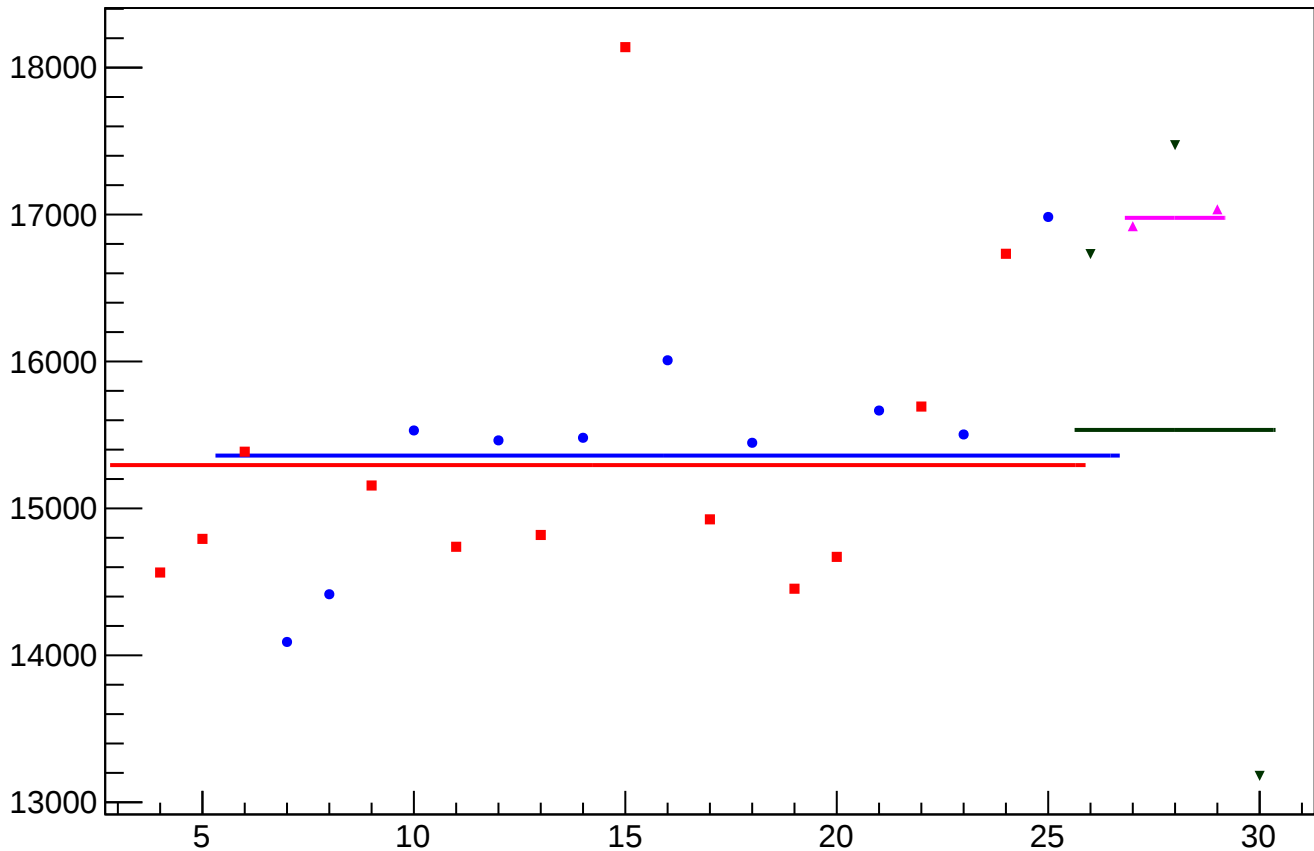
Right Out: -14.010 $\pm$ 6.060 χ^2 /NDF: 20.6/11

Left In: 18.877 $\pm$ 13.017 χ^2 /NDF: 0.0/1

33.928 $\pm$ 5.386 χ^2 /NDF: 44.6/12

-8.152 $\pm$ 5.494 χ^2 /NDF: 25.9/13

diff_bpm0l10X_rms vs slug



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

Left Out: 15534.111+/-8.394 χ^2/NDF : 55458.4/2

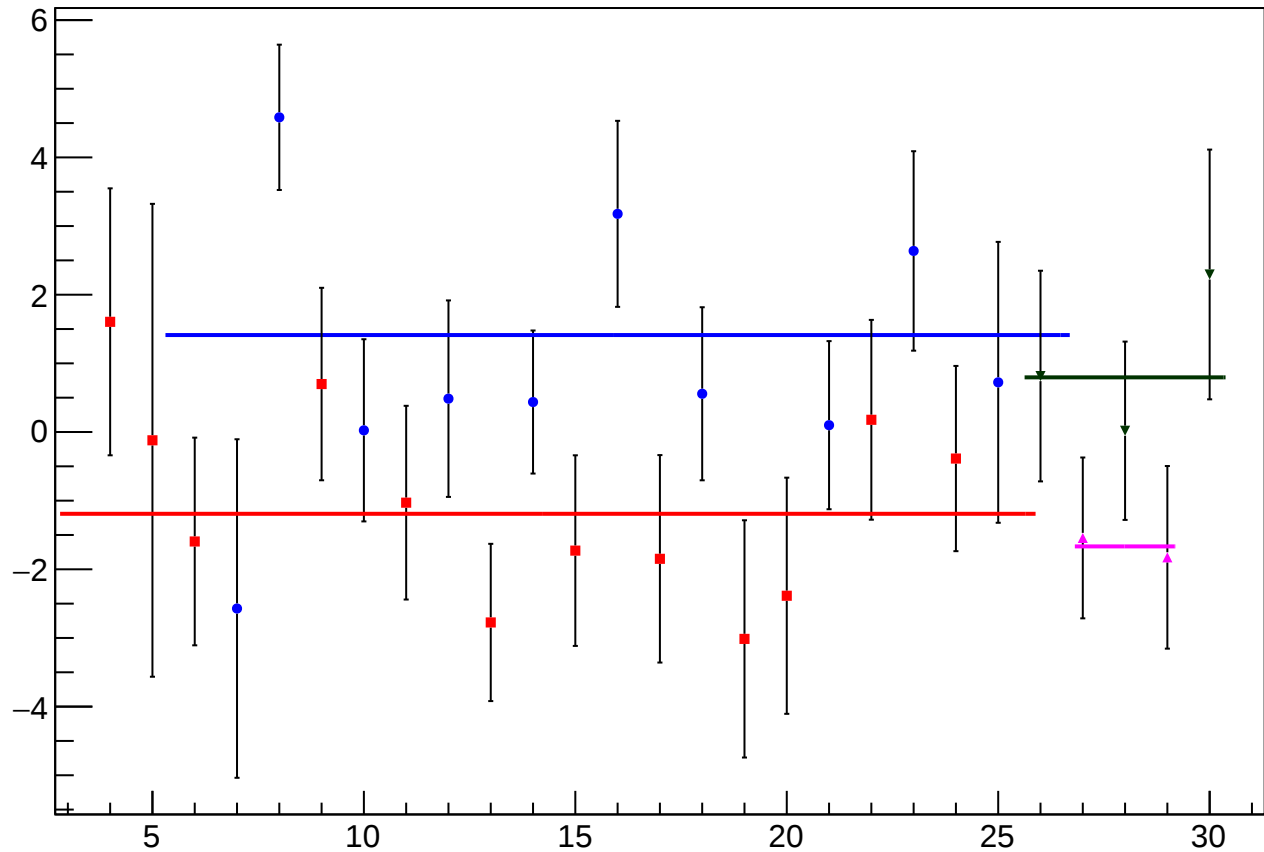
15395.490+/-3.808 χ^2/NDF : 75846.6/12

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

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

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

diff_bpm0l10Y_mean vs slug



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

Left Out: 0.796 ± 0.870 χ^2/NDF : 1.0/2

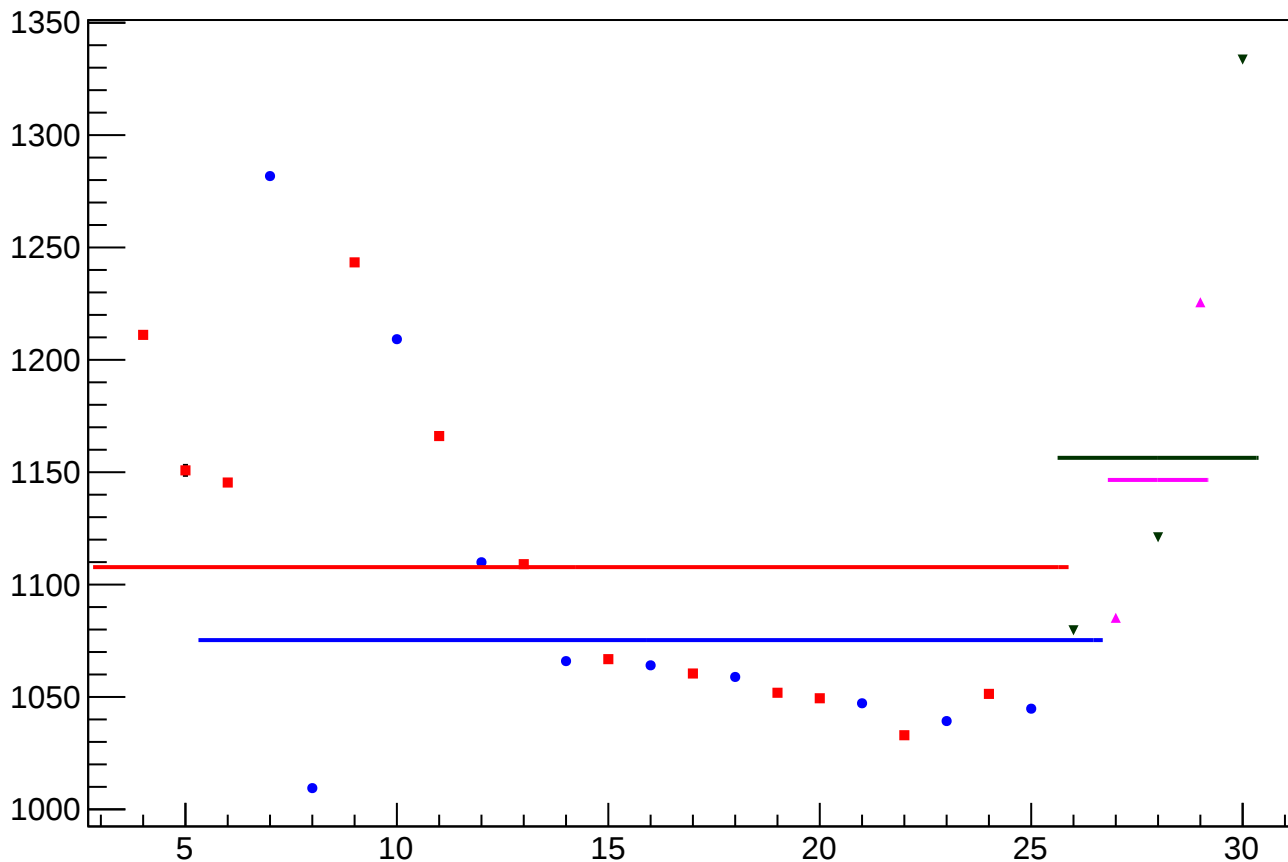
Right Out: -1.191 ± 0.438 χ^2/NDF : 9.1/11

Left In: -1.666 ± 0.879 χ^2/NDF : 0.0/1

1.295 ± 0.380 χ^2/NDF : 19.6/12

-1.286 ± 0.392 χ^2/NDF : 9.4/13

diff_bpm0l10Y_rms vs slug



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

Left Out: 1156.406 $\pm$ 0.615 χ^2 /NDF: 25468.3/2

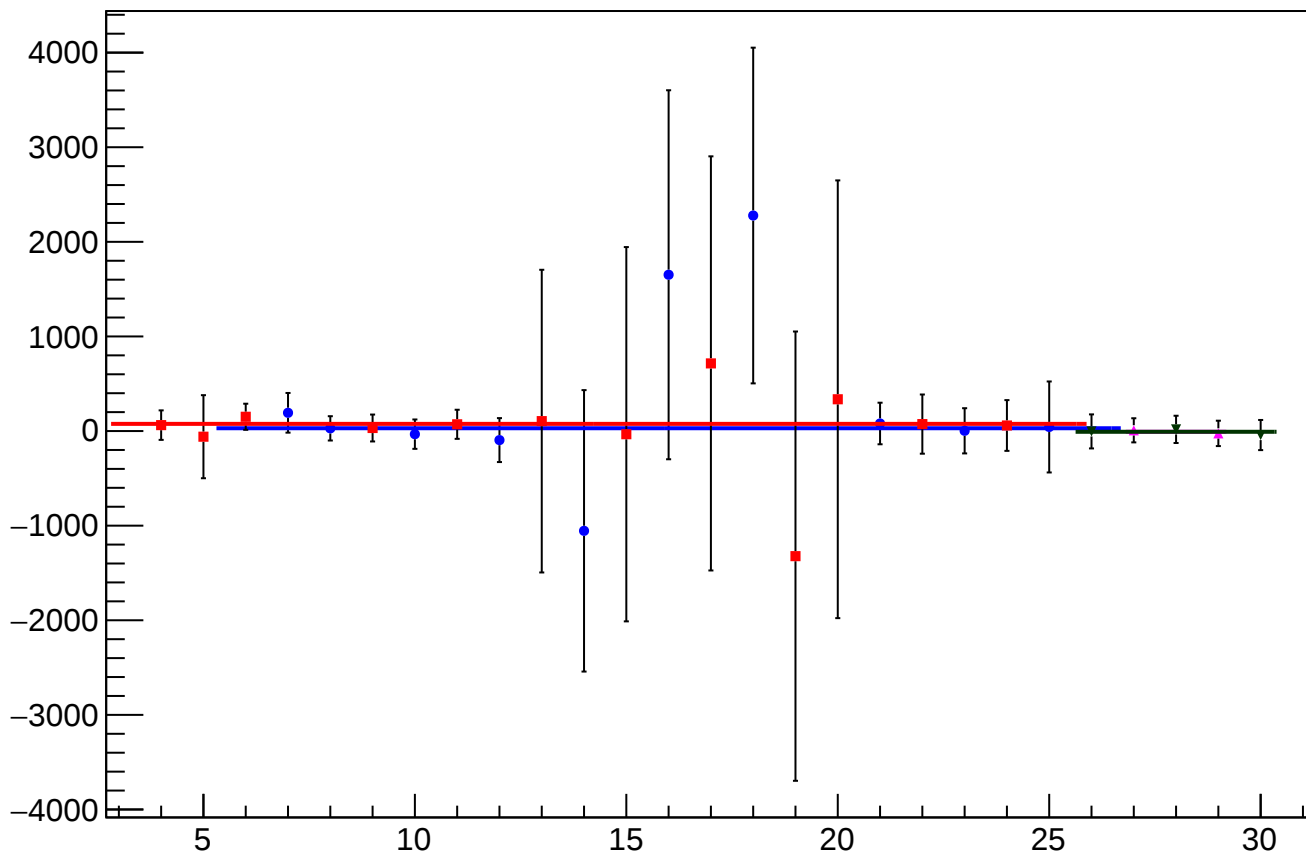
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

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

1090.797 $\pm$ 0.269 χ^2 /NDF: 86193.0/12

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



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

Left Out: -7.790+/-91.855 χ^2/NDF : 0.1/2

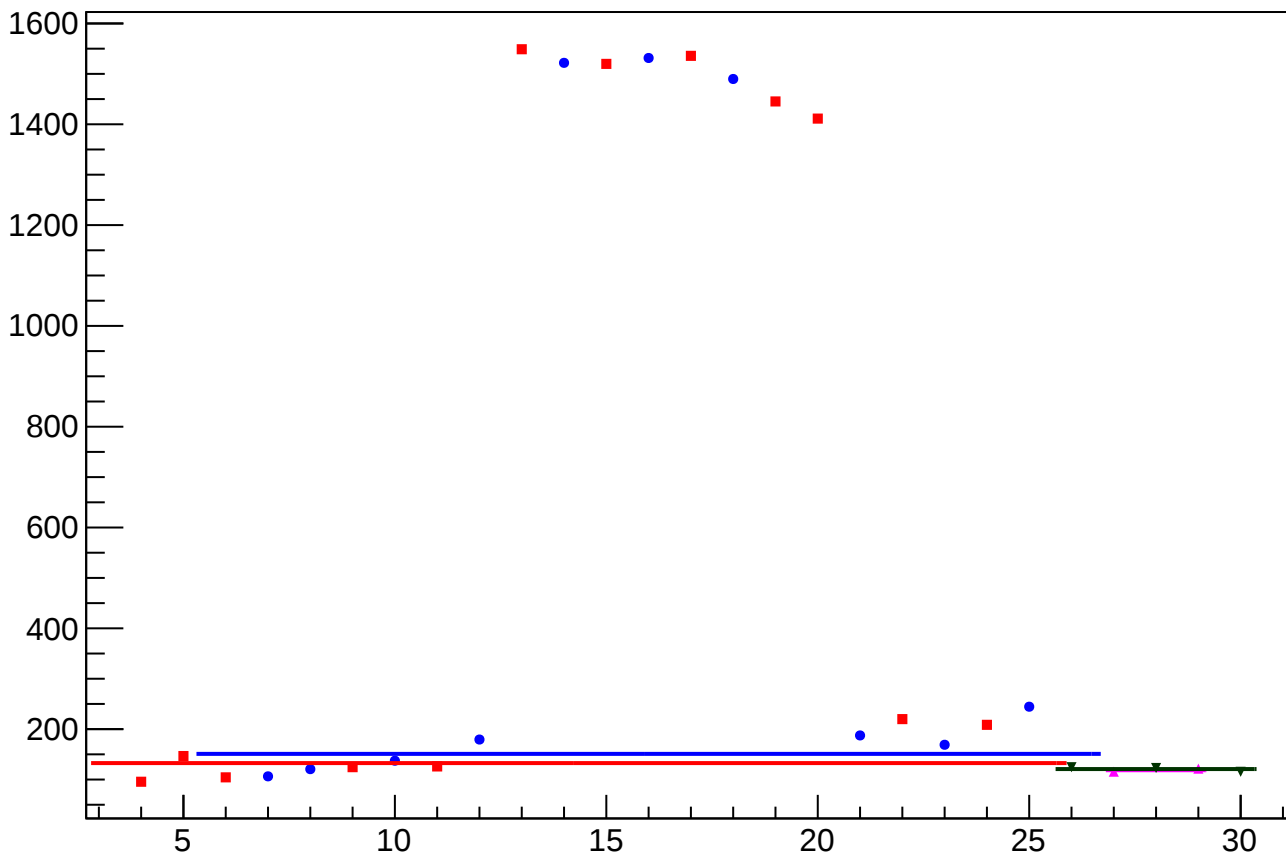
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

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

15.122+/-57.211 χ^2/NDF : 4.1/12

46.528+/-54.799 χ^2/NDF : 1.5/13

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 150.926 $\pm$ 0.052 χ^2/NDF : 4230041.1/9

Left Out: 120.802 $\pm$ 0.065 χ^2/NDF : 3608.9/2

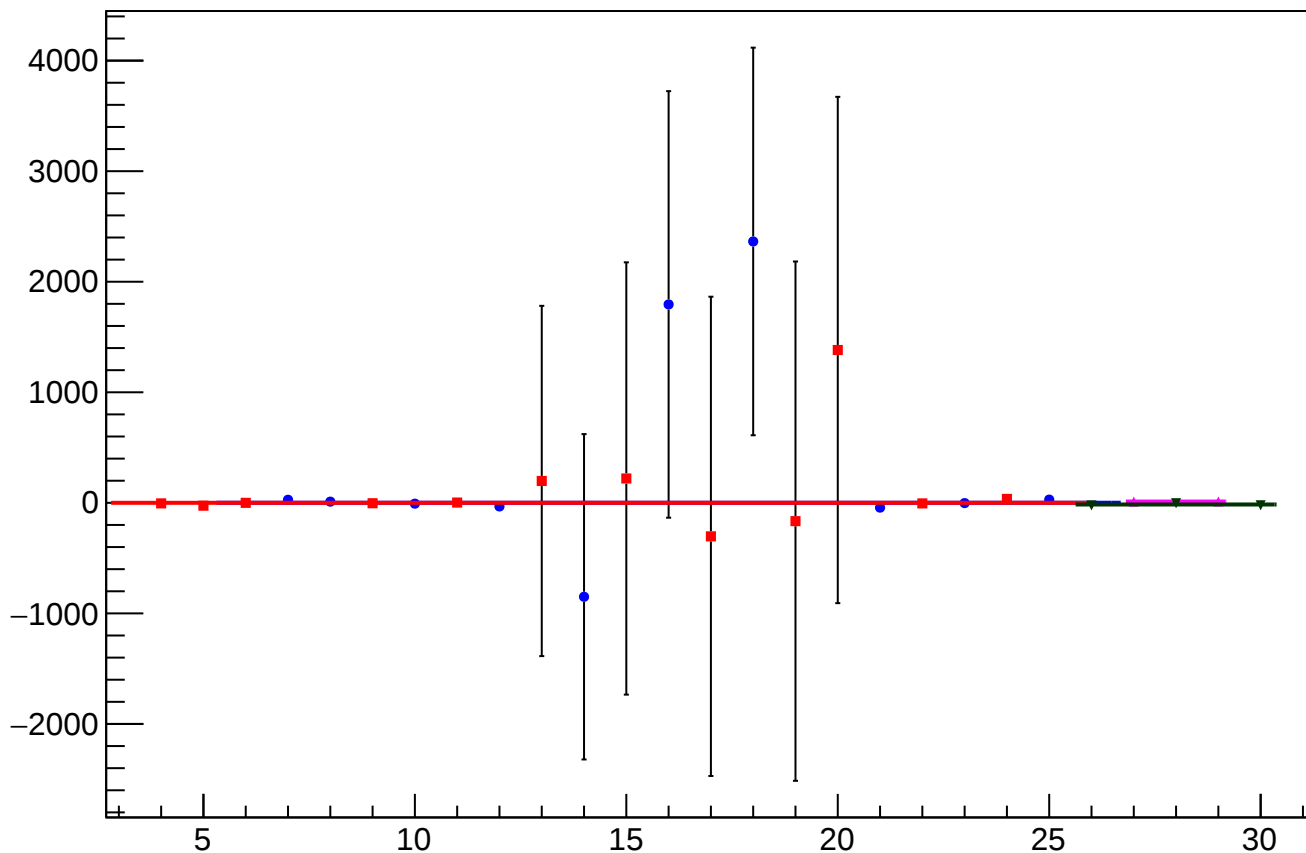
139.240 $\pm$ 0.040 χ^2/NDF : 4365309.0/12

Right Out: 132.646 $\pm$ 0.048 χ^2/NDF : 5120067.3/11

127.660 $\pm$ 0.039 χ^2/NDF : 5152726.3/13

Left In: 118.465 $\pm$ 0.065 χ^2/NDF : 2122.7/1

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: -14.897+/-13.594 χ^2/NDF : 0.5/2

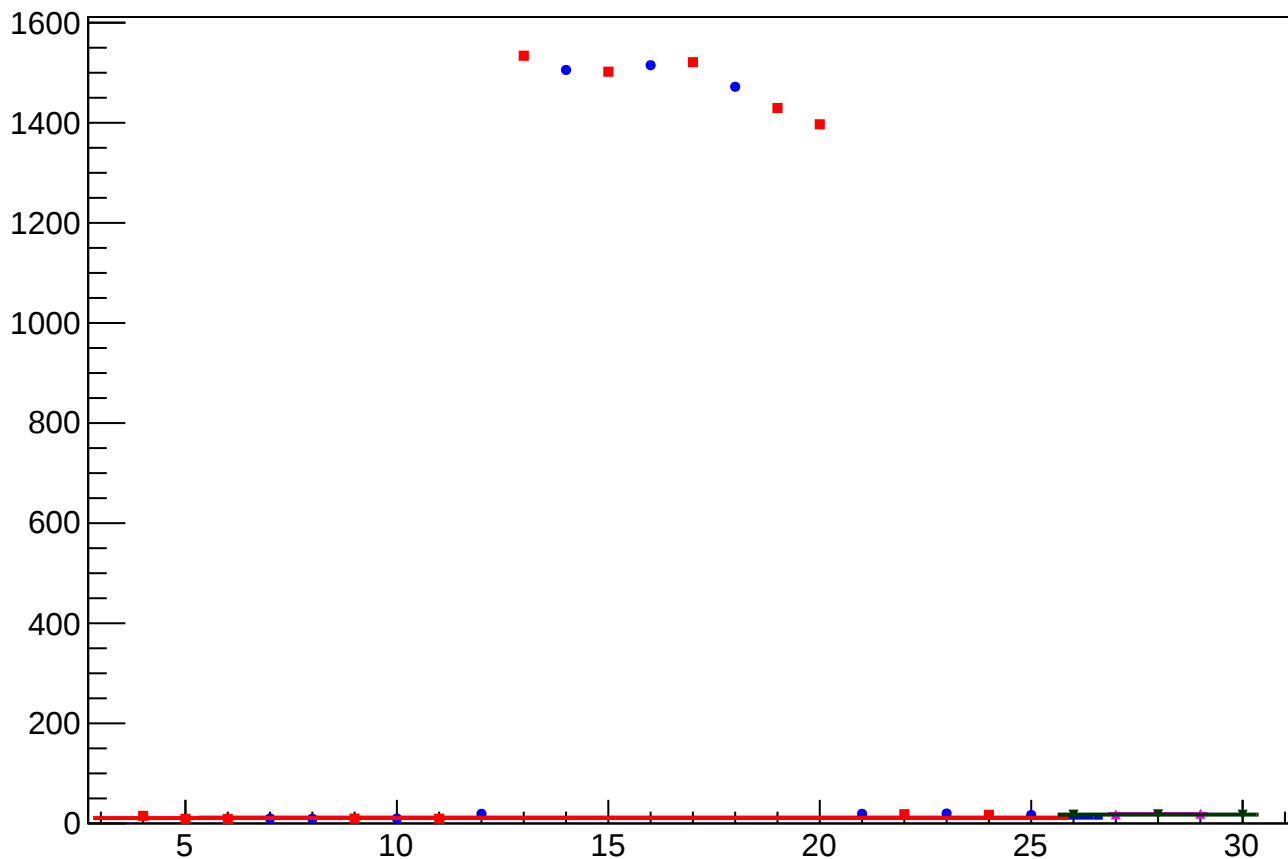
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

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

-1.773+/-5.640 χ^2/NDF : 13.4/12

1.923+/-5.459 χ^2/NDF : 4.5/13

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 17.736+/-0.010 χ^2/NDF :1423.9/2

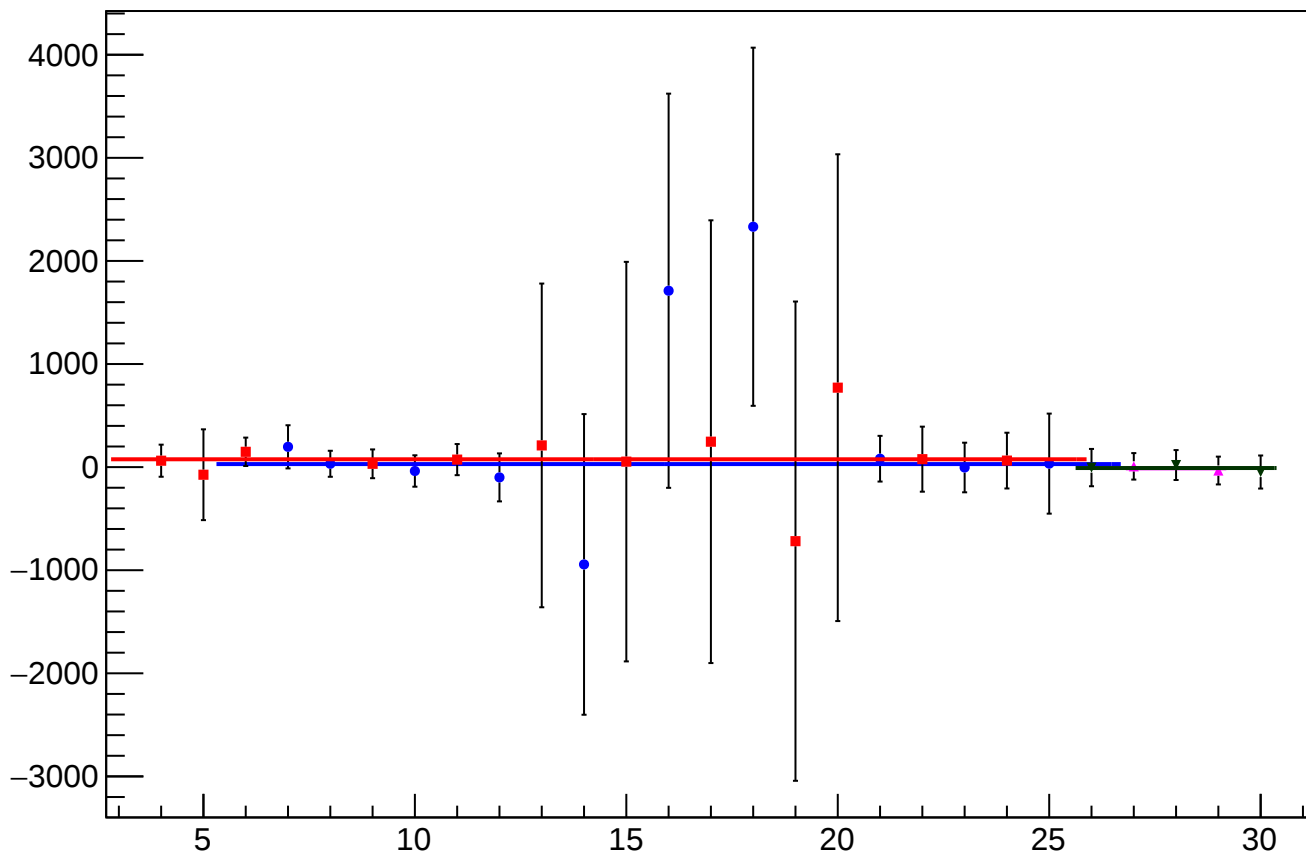
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

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

12.619+/-0.004 χ^2/NDF : 5711814.8/12

11.890+/-0.004 χ^2/NDF : 6428872.9/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 29.483+/-72.516 χ^2/NDF : 4.2/9

Left Out: -8.815+/-92.501 χ^2/NDF : 0.1/2

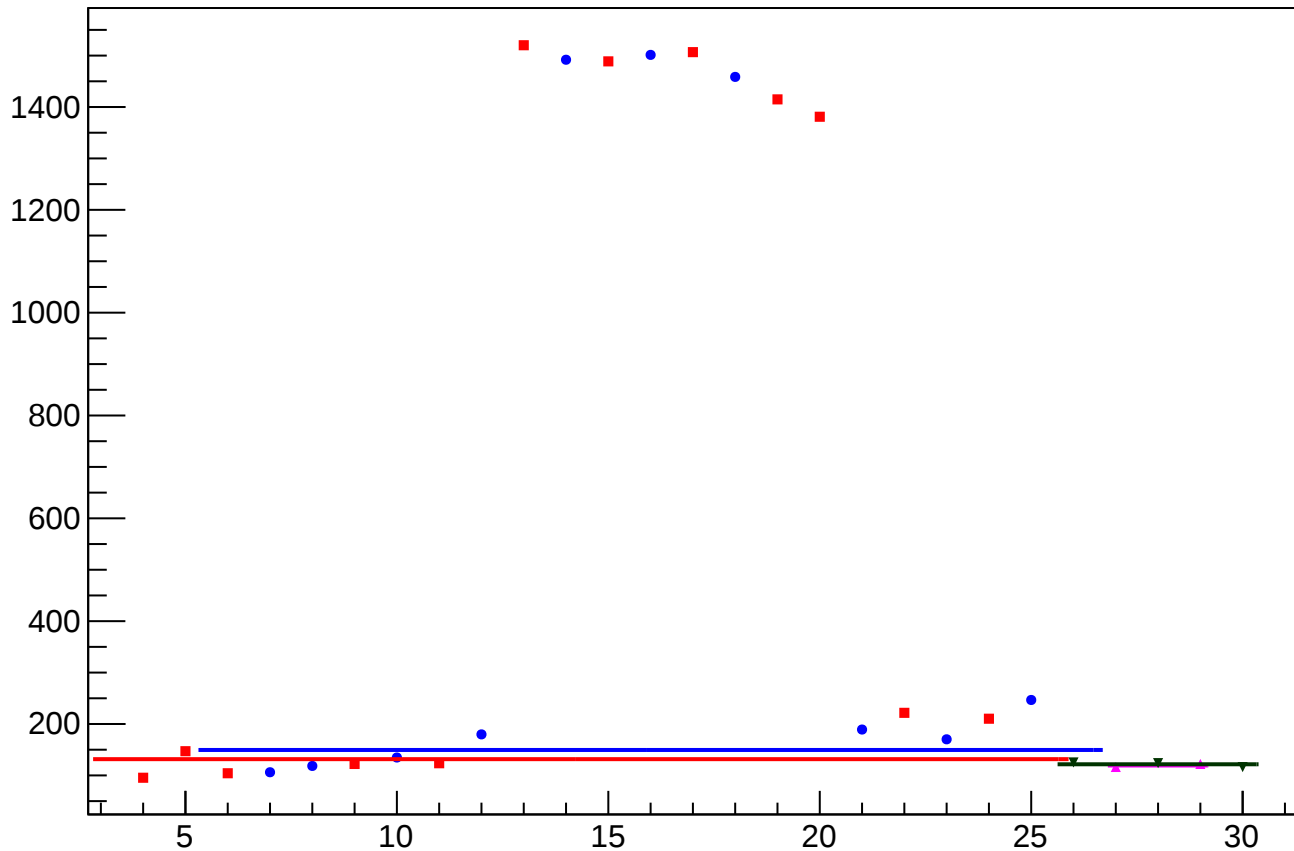
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

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

14.905+/-57.069 χ^2/NDF : 4.4/12

45.734+/-54.647 χ^2/NDF : 1.4/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



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

Left Out: 121.649 $\pm$ 0.065 χ^2 /NDF: 3628.1/2

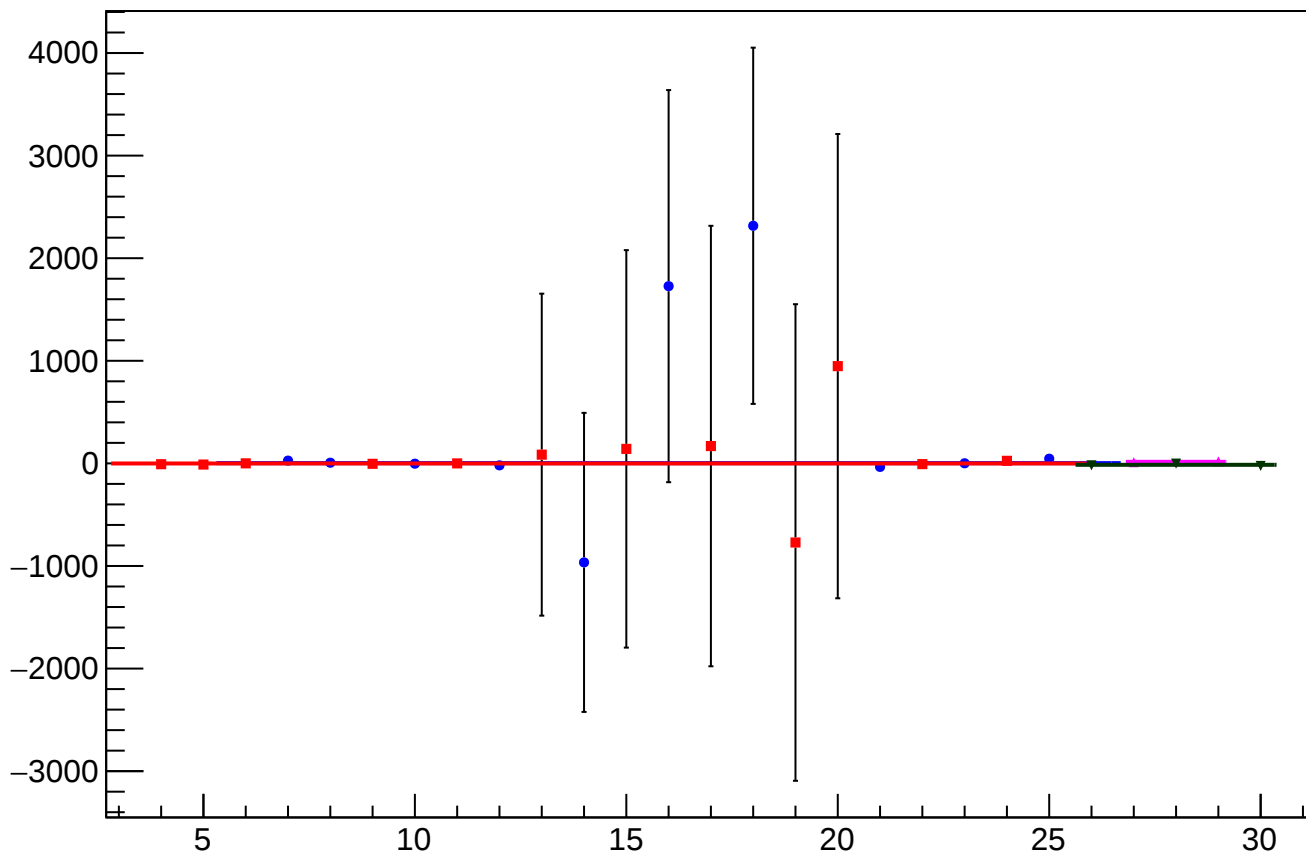
138.893 $\pm$ 0.040 χ^2 /NDF: 4365715.1/12

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

127.340 $\pm$ 0.039 χ^2 /NDF: 5145865.1/13

Left In: 119.228 $\pm$ 0.066 χ^2 /NDF: 1978.8/1

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 2.611+/-5.597 χ^2/NDF : 10.1/9

Left Out: -13.915+/-13.062 χ^2/NDF : 0.6/2

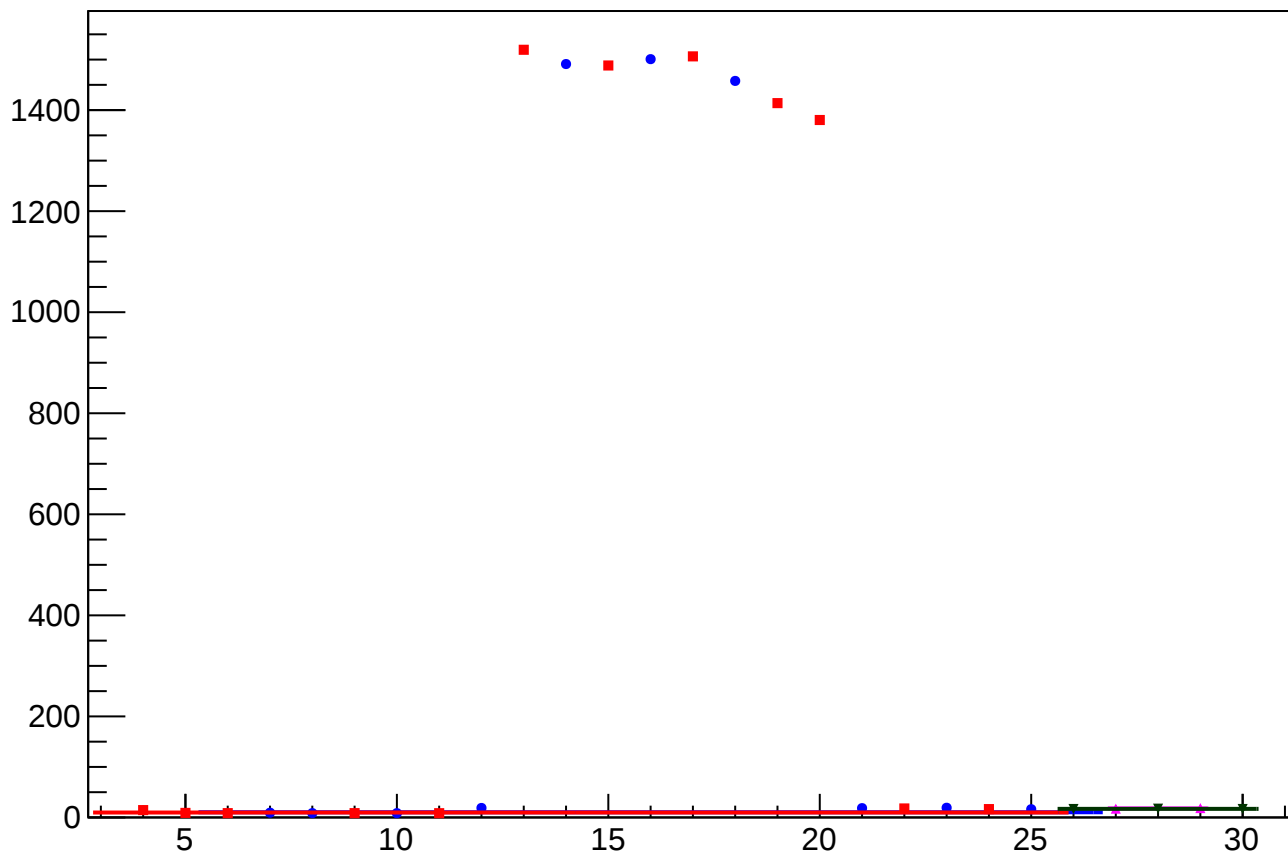
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

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

0.047+/-5.145 χ^2/NDF : 12.0/12

1.233+/-5.013 χ^2/NDF : 3.4/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



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

Left Out: 17.002+/-0.009 χ^2/NDF :1201.2/2

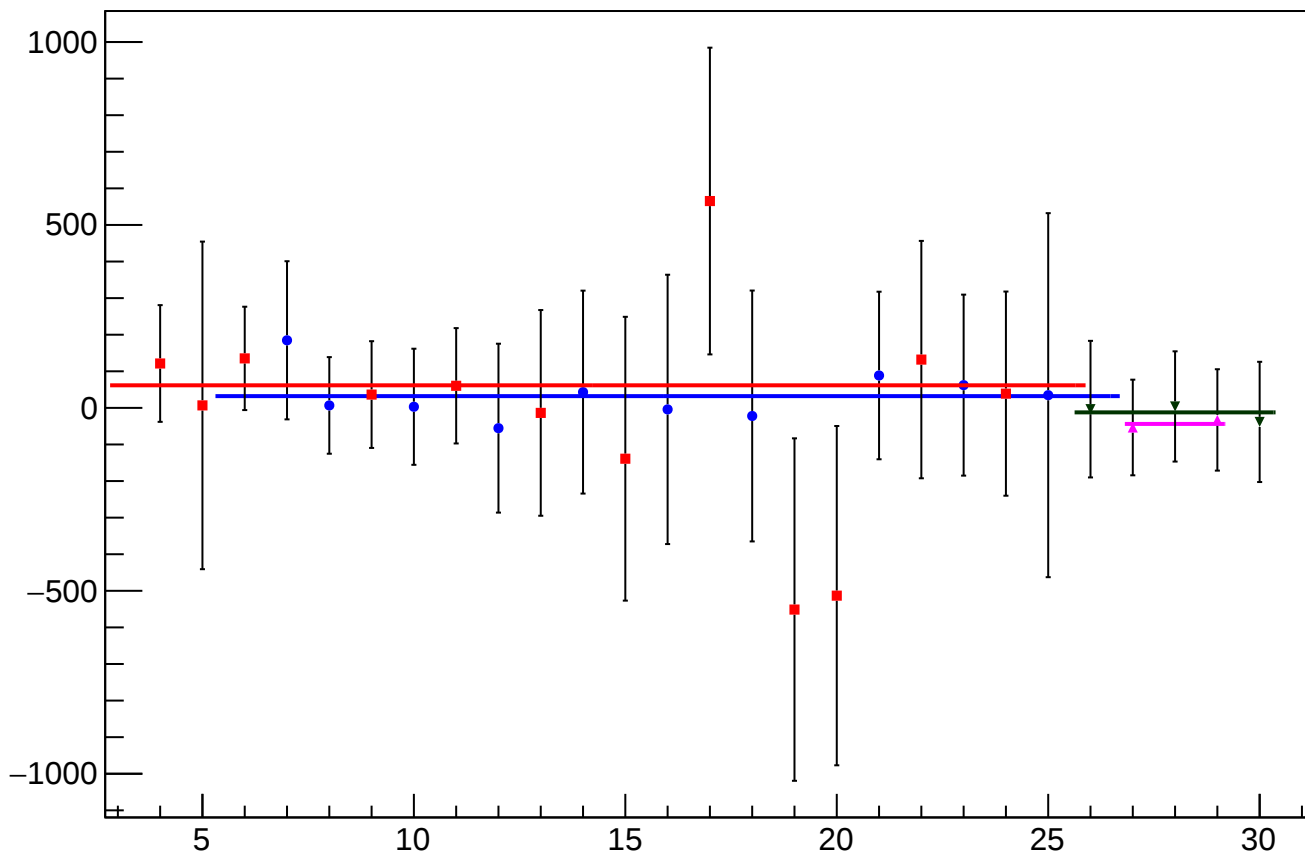
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

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

11.338+/-0.004 χ^2/NDF : 5962297.3/12

10.798+/-0.004 χ^2/NDF : 6599828.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 32.145+/-69.741 χ^2/NDF : 0.8/9

Left Out: -12.257+/-95.441 χ^2/NDF : 0.0/2

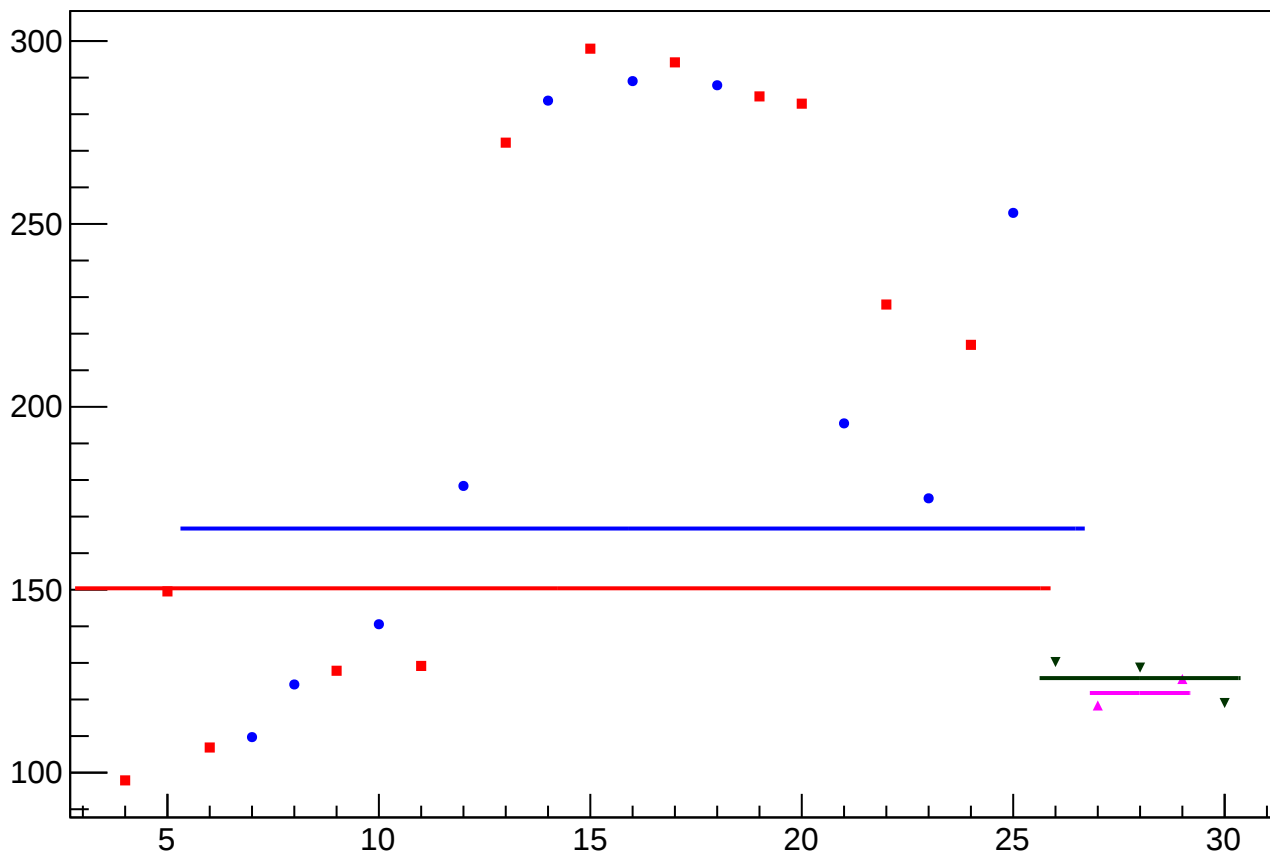
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

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

16.689+/-56.309 χ^2/NDF : 1.0/12

28.227+/-53.543 χ^2/NDF : 6.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 125.848 $\pm$ 0.067 χ^2/NDF : 5269.4/2

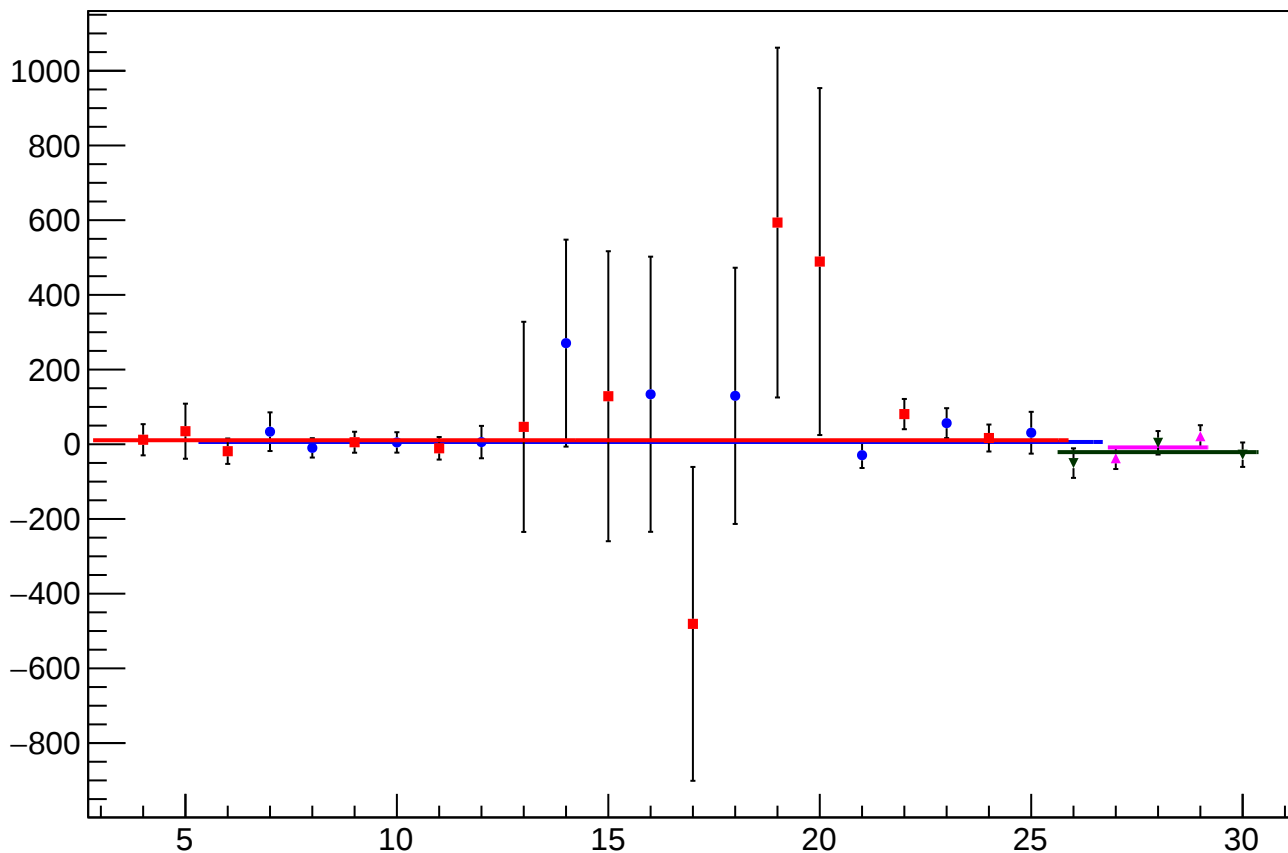
152.502 $\pm$ 0.040 χ^2/NDF : 1572153.7/12

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

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

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

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: -21.010 $\pm$ 19.675 χ^2 /NDF: 1.2/2

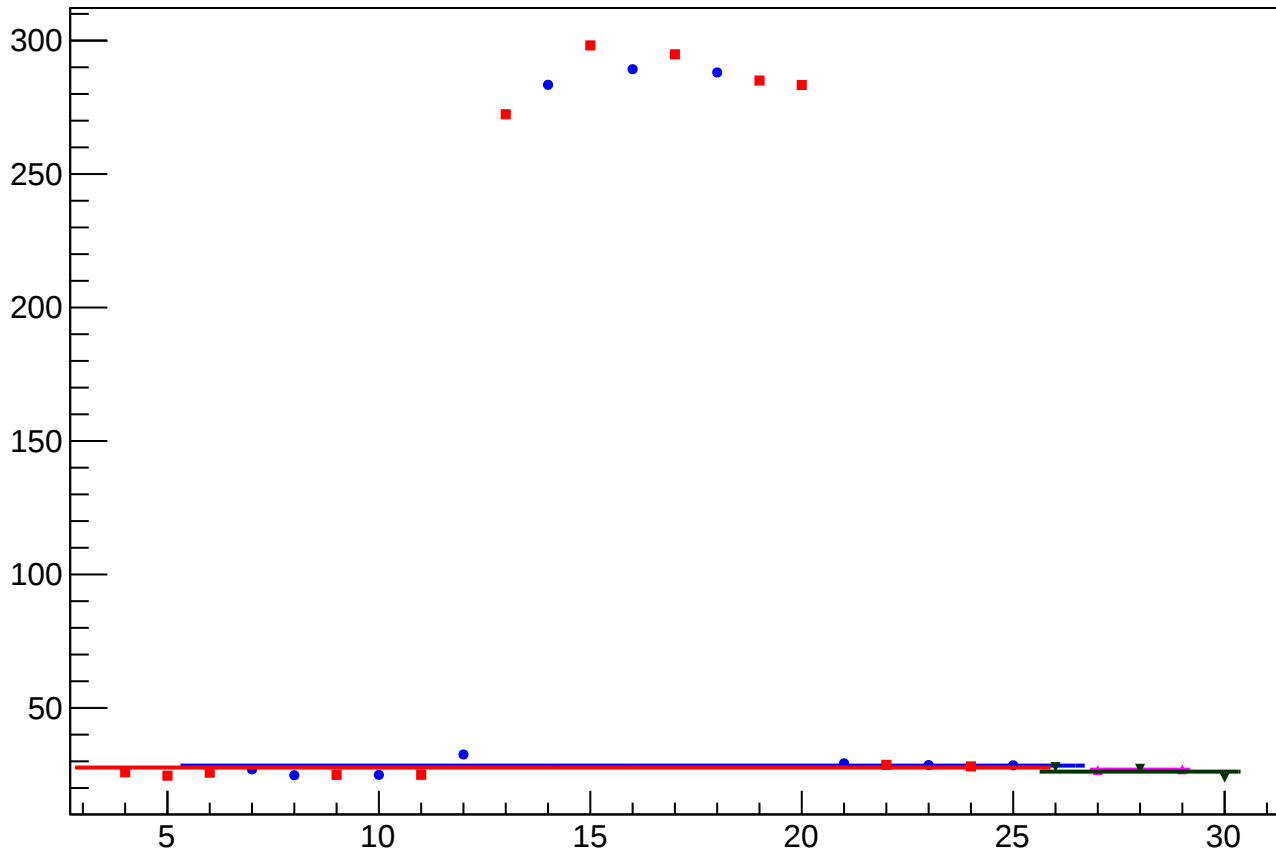
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

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

-2.470 $\pm$ 11.089 χ^2 /NDF: 7.2/12

4.986 $\pm$ 11.361 χ^2 /NDF: 11.1/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 26.142+/-0.014 χ^2/NDF :15614.6/2

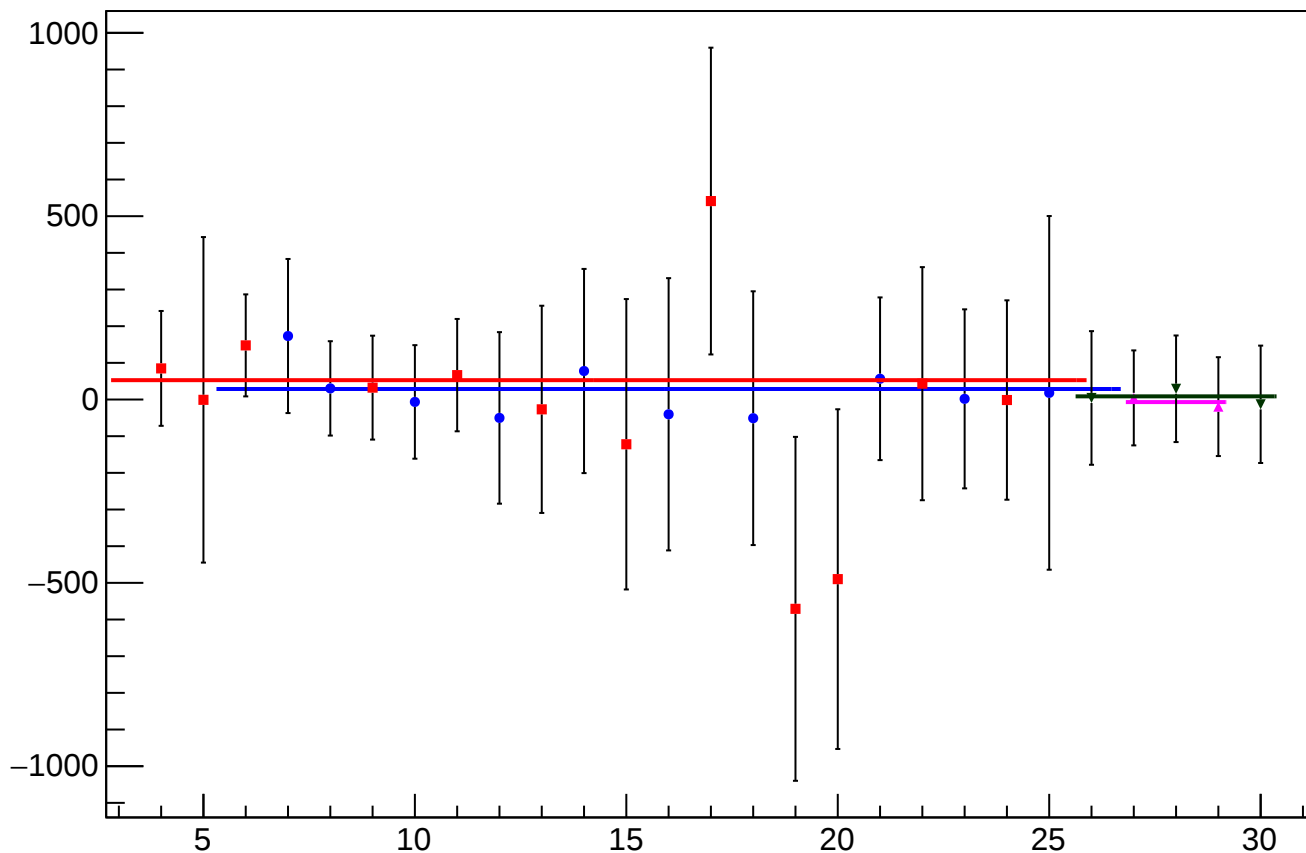
Right Out: 27.683+/-0.010 χ^2/NDF : 4553149.3/11

Left In: 26.890+/-0.015 χ^2/NDF :86.9/1

27.687+/-0.008 χ^2/NDF : 3969725.1/12

27.442+/-0.008 χ^2/NDF : 4555294.7/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 28.697+/-68.531 χ^2/NDF : 0.8/9

Left Out: 8.639+/-92.659 χ^2/NDF : 0.0/2

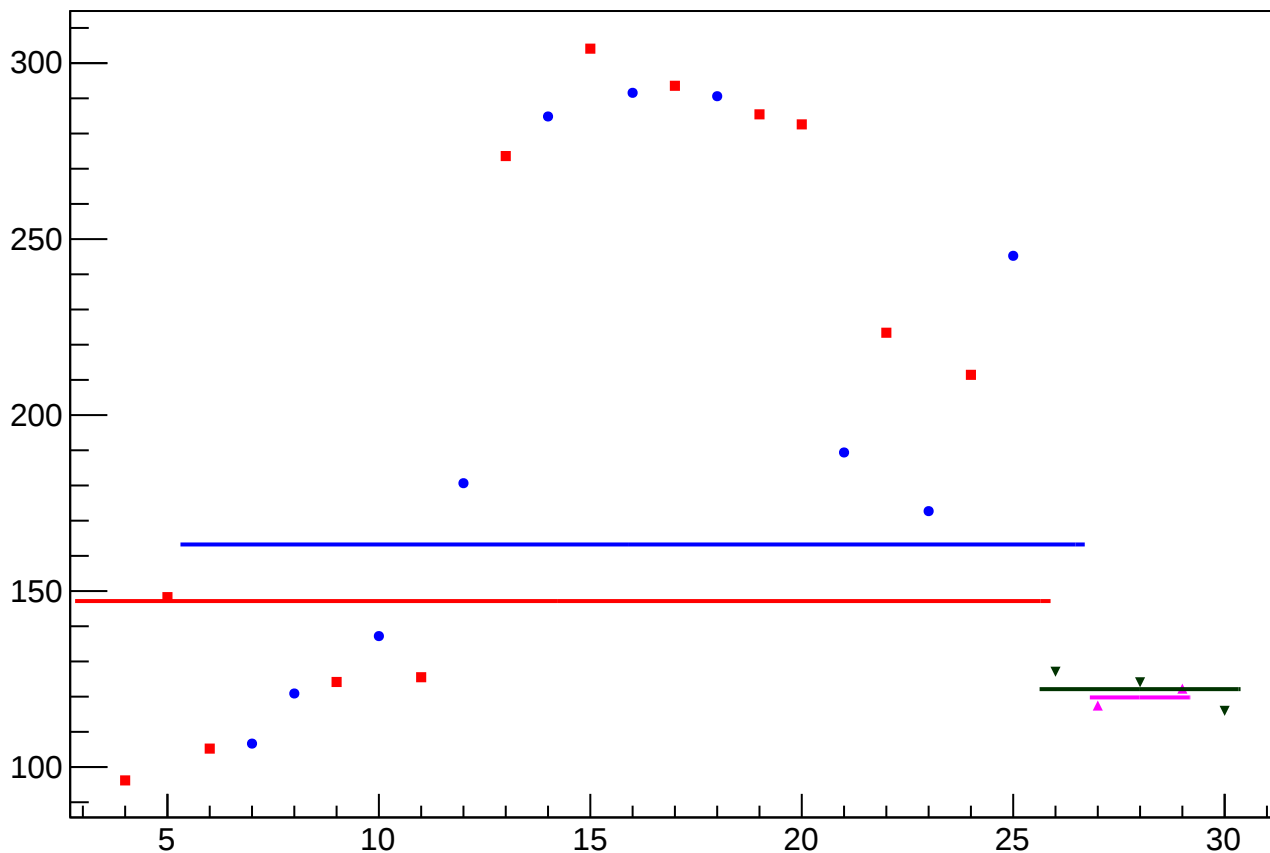
Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

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

21.605+/-55.099 χ^2/NDF : 0.9/12

33.843+/-52.573 χ^2/NDF : 5.7/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.238+/-0.048 χ^2/NDF : 1409159.9/9

Left Out: 122.135+/-0.066 χ^2/NDF : 4797.9/2

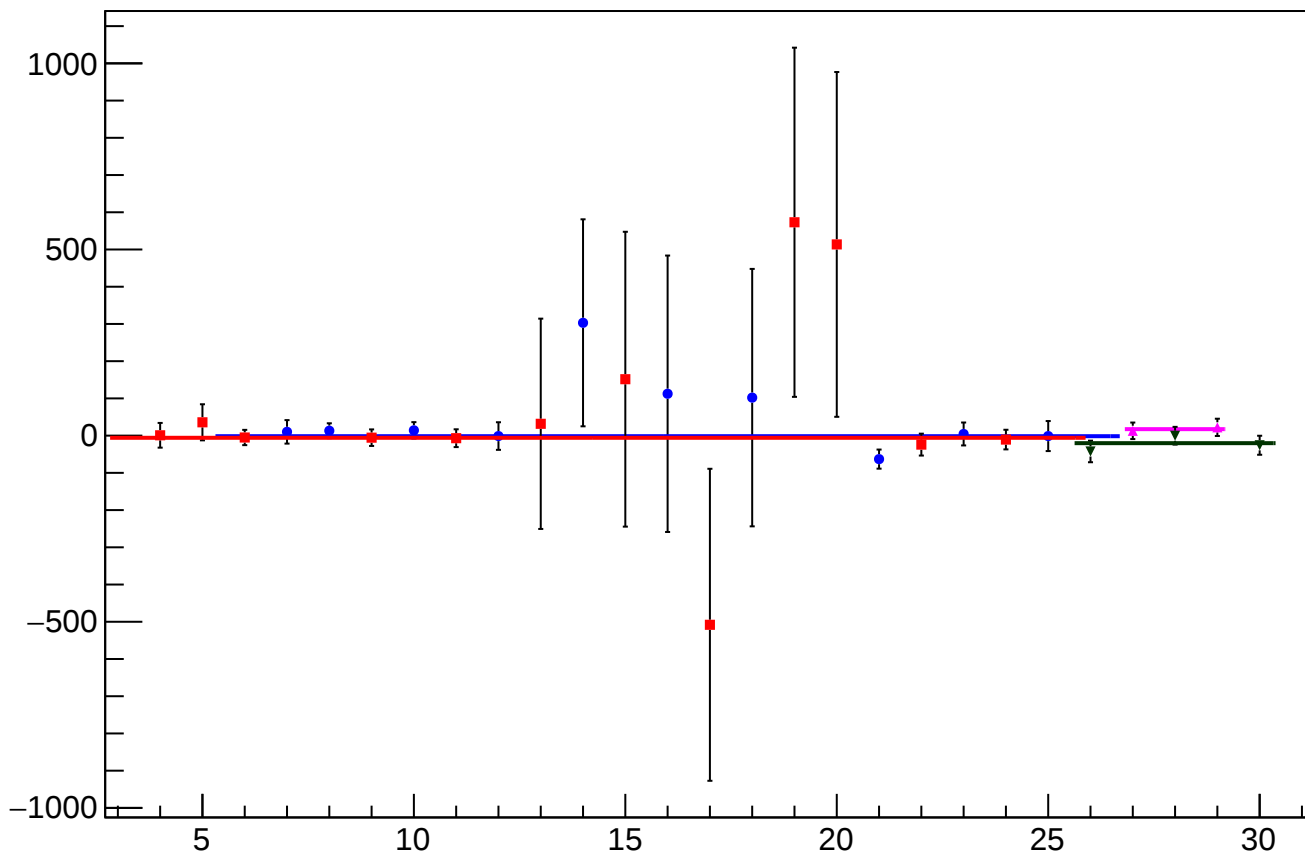
148.704+/-0.039 χ^2/NDF : 1668360.1/12

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

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

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

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: -20.229 $\pm$ 14.930 χ^2 /NDF: 1.3/2

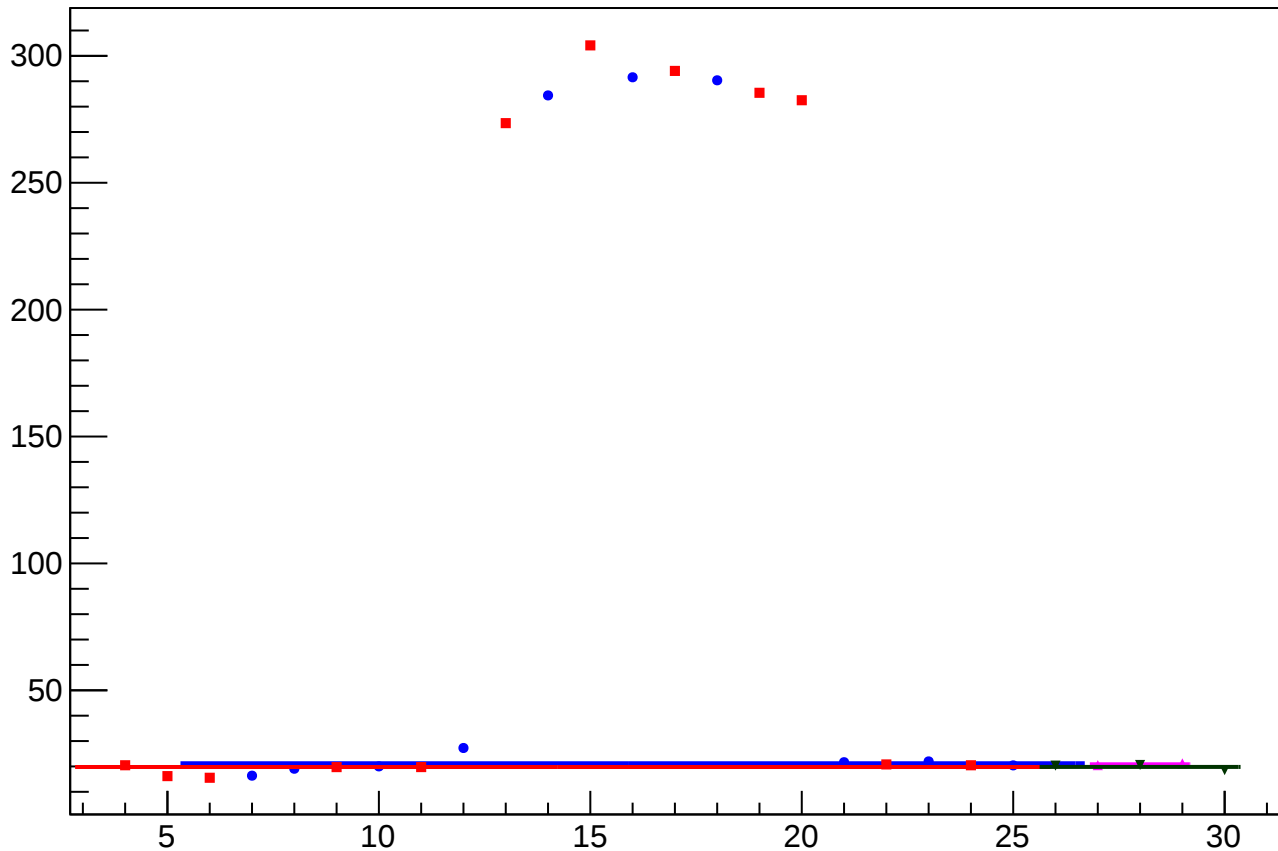
Right Out: -5.806 $\pm$ 9.942 χ^2 /NDF: 5.6/11

Left In: 17.399 $\pm$ 16.030 χ^2 /NDF: 0.1/1

-7.511 $\pm$ 8.450 χ^2 /NDF: 10.8/12

0.641 $\pm$ 8.449 χ^2 /NDF: 7.2/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.255+/-0.007 χ^2/NDF : 4196684.5/9

Left Out: 19.810+/-0.011 χ^2/NDF : 7653.6/2

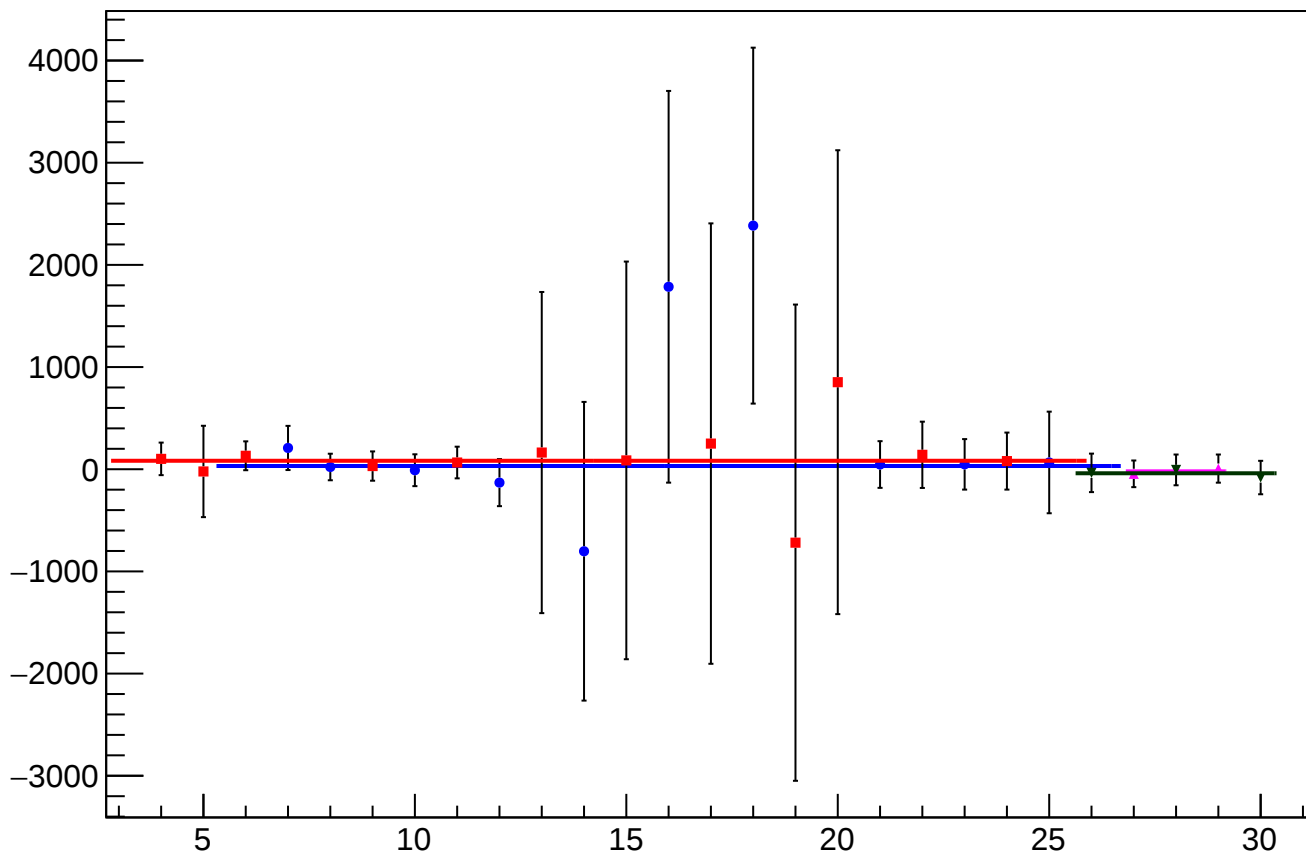
20.792+/-0.006 χ^2/NDF : 4217078.9/12

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

20.076+/-0.006 χ^2/NDF : 4895712.7/13

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

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 31.584+/-74.262 χ^2/NDF : 4.2/9

Left Out: -39.432+/-95.477 χ^2/NDF : 0.1/2

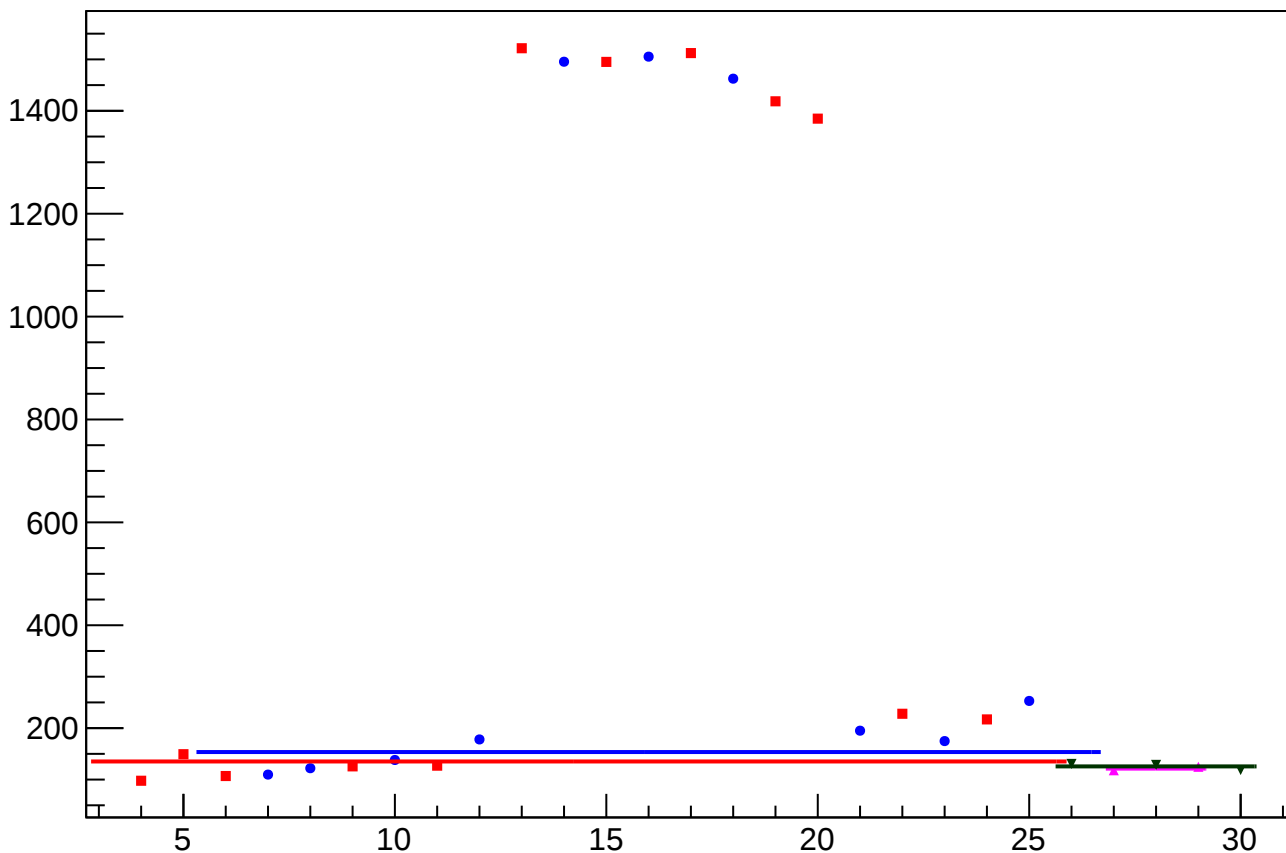
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

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

4.816+/-58.618 χ^2/NDF : 4.7/12

46.799+/-55.915 χ^2/NDF : 1.5/13

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 125.610 ± 0.068 χ^2/NDF : 5820.6/2

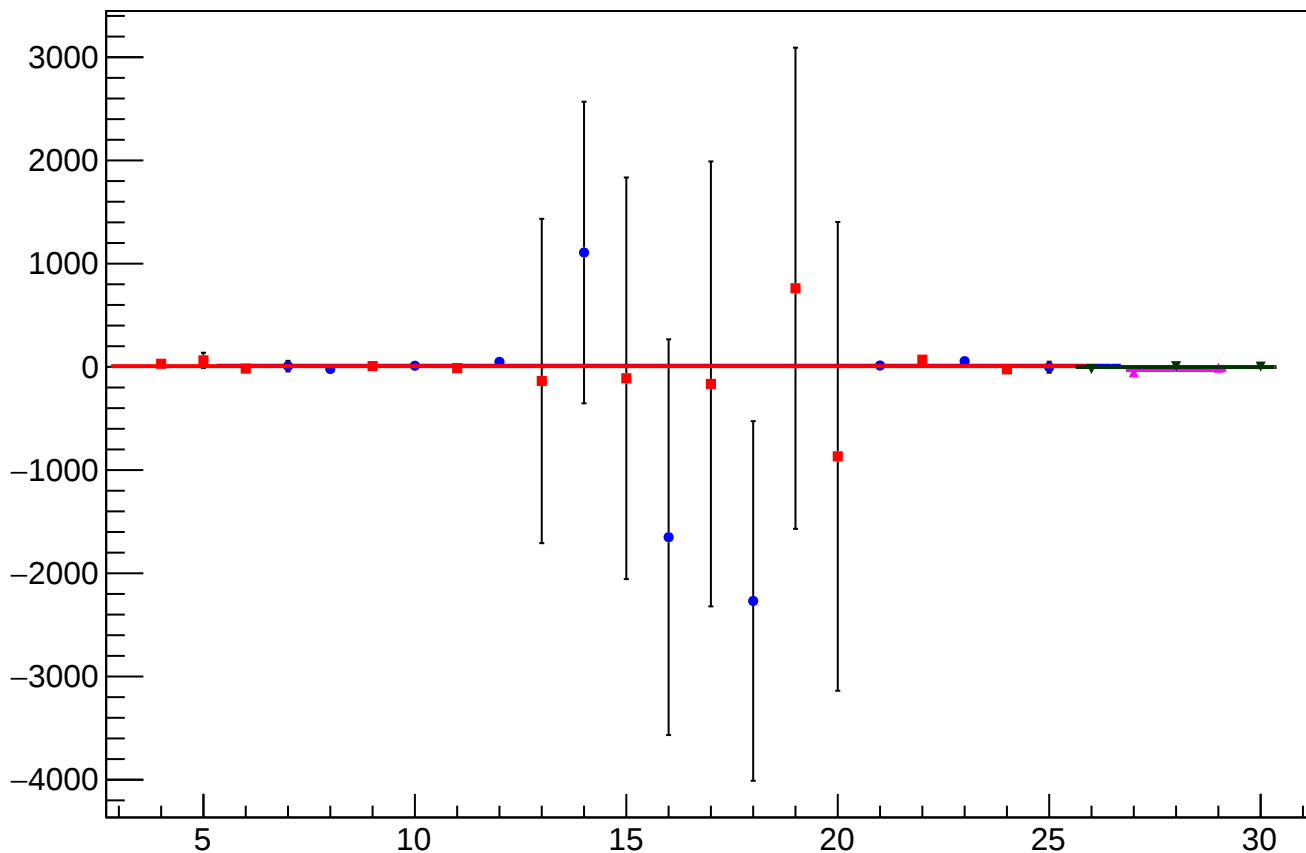
Right Out: 135.194 ± 0.049 χ^2/NDF : 5104872.2/11

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

143.001 ± 0.041 χ^2/NDF : 4324679.0/12

130.353 ± 0.040 χ^2/NDF : 5135433.2/13

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: -1.703+/-18.791 χ^2/NDF : 0.4/2

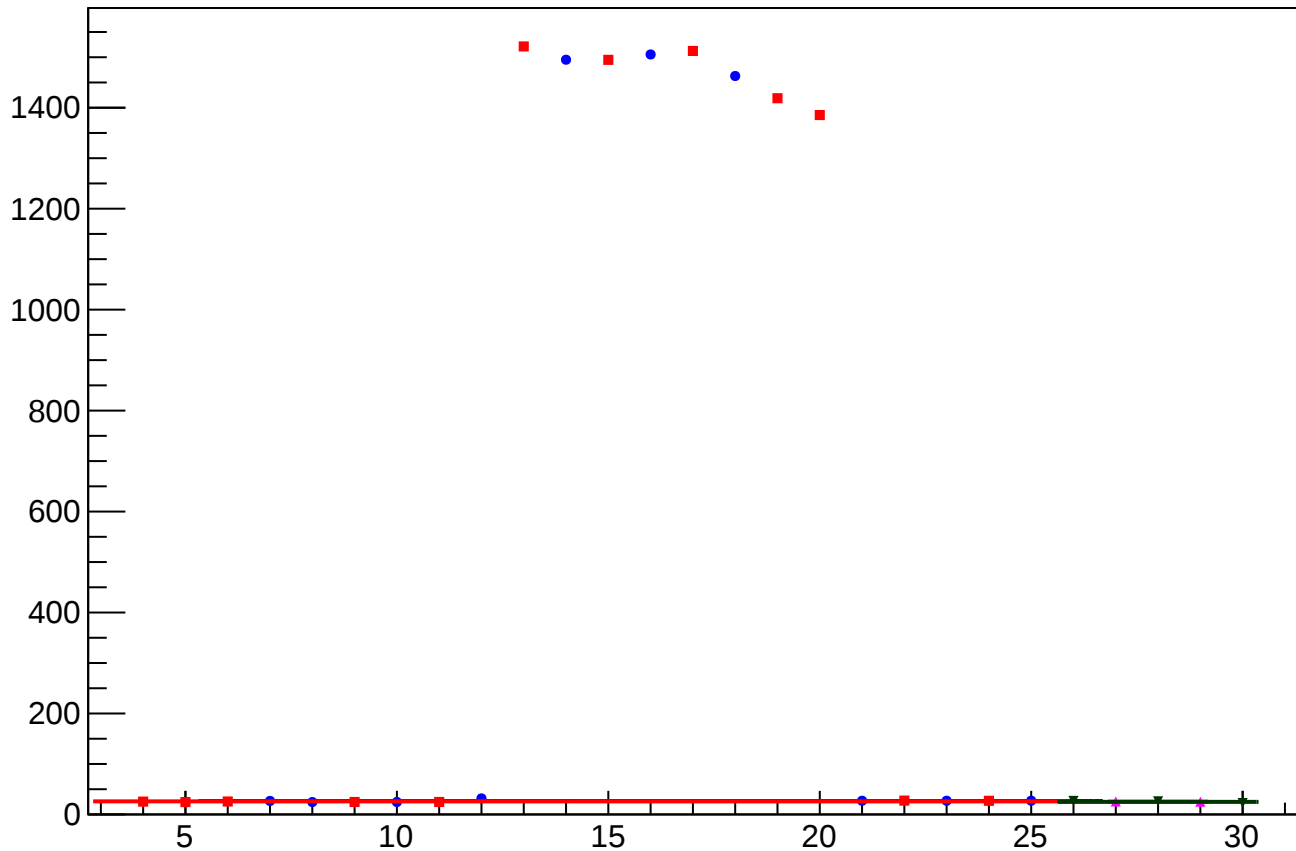
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

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

6.709+/-10.724 χ^2/NDF : 7.5/12

-4.892+/-11.054 χ^2/NDF : 9.2/13

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 26.593+/-0.009 χ^2/NDF : 4623998.2/9

Left Out: 24.935+/-0.013 χ^2/NDF :19144.2/2

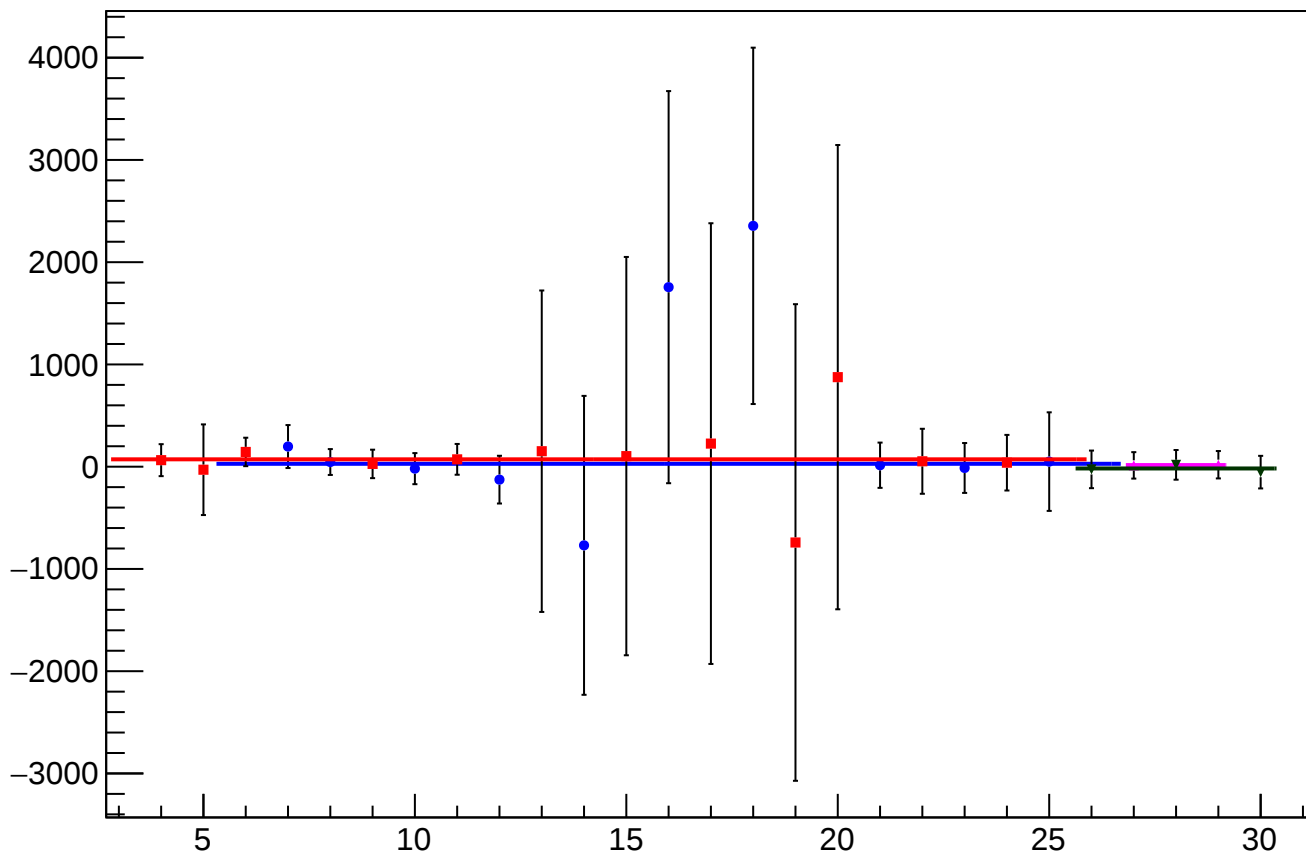
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

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

26.053+/-0.008 χ^2/NDF : 4653639.1/12

25.801+/-0.008 χ^2/NDF : 5348046.2/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



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

Left Out: -17.352 ± 92.680 χ^2/NDF : 0.1/2

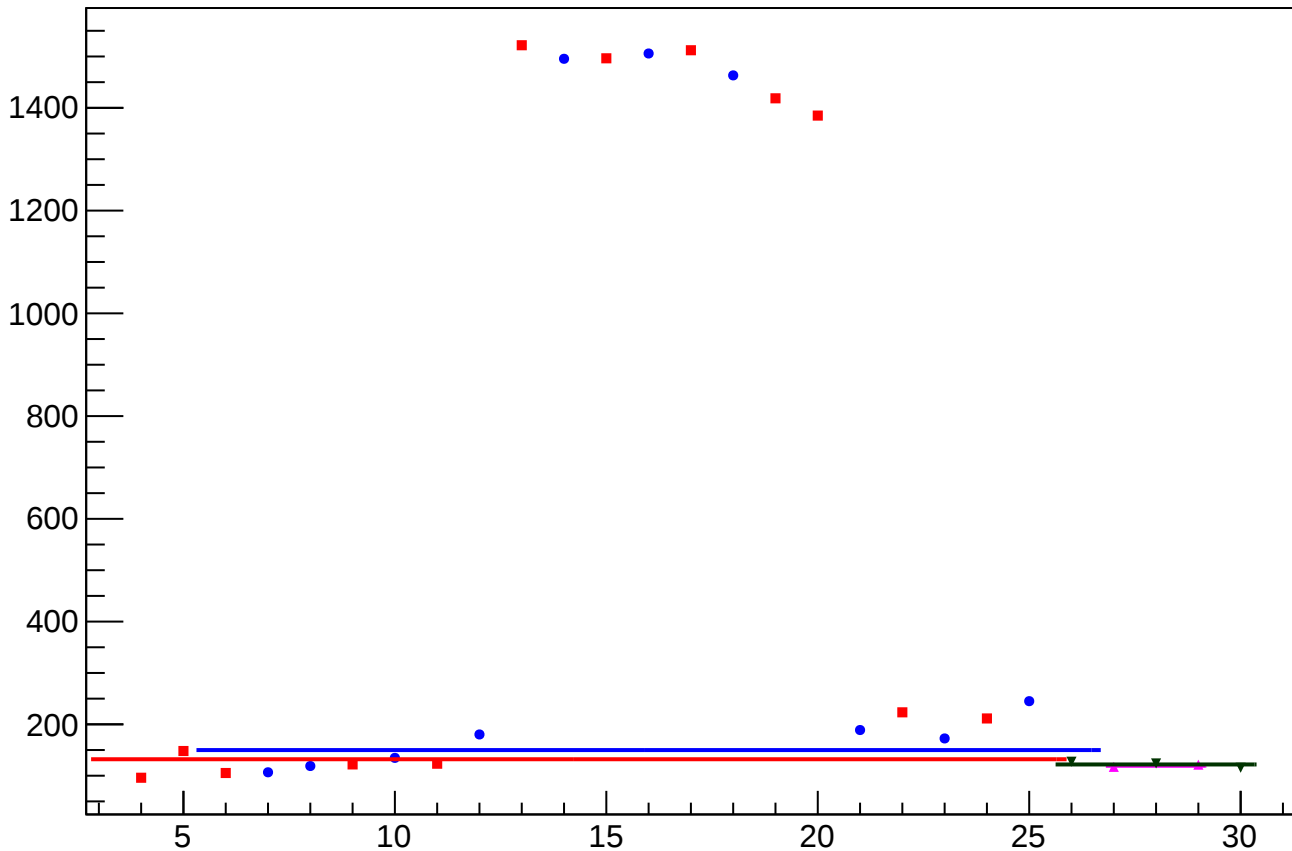
Right Out: 72.031 ± 67.714 χ^2/NDF : 0.7/11

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

10.918 ± 57.188 χ^2/NDF : 4.4/12

52.609 ± 54.749 χ^2/NDF : 0.9/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 149.902 $\pm$ 0.051 χ^2 /NDF: 4247419.3/9

Left Out: 121.885 $\pm$ 0.066 χ^2 /NDF: 5322.9/2

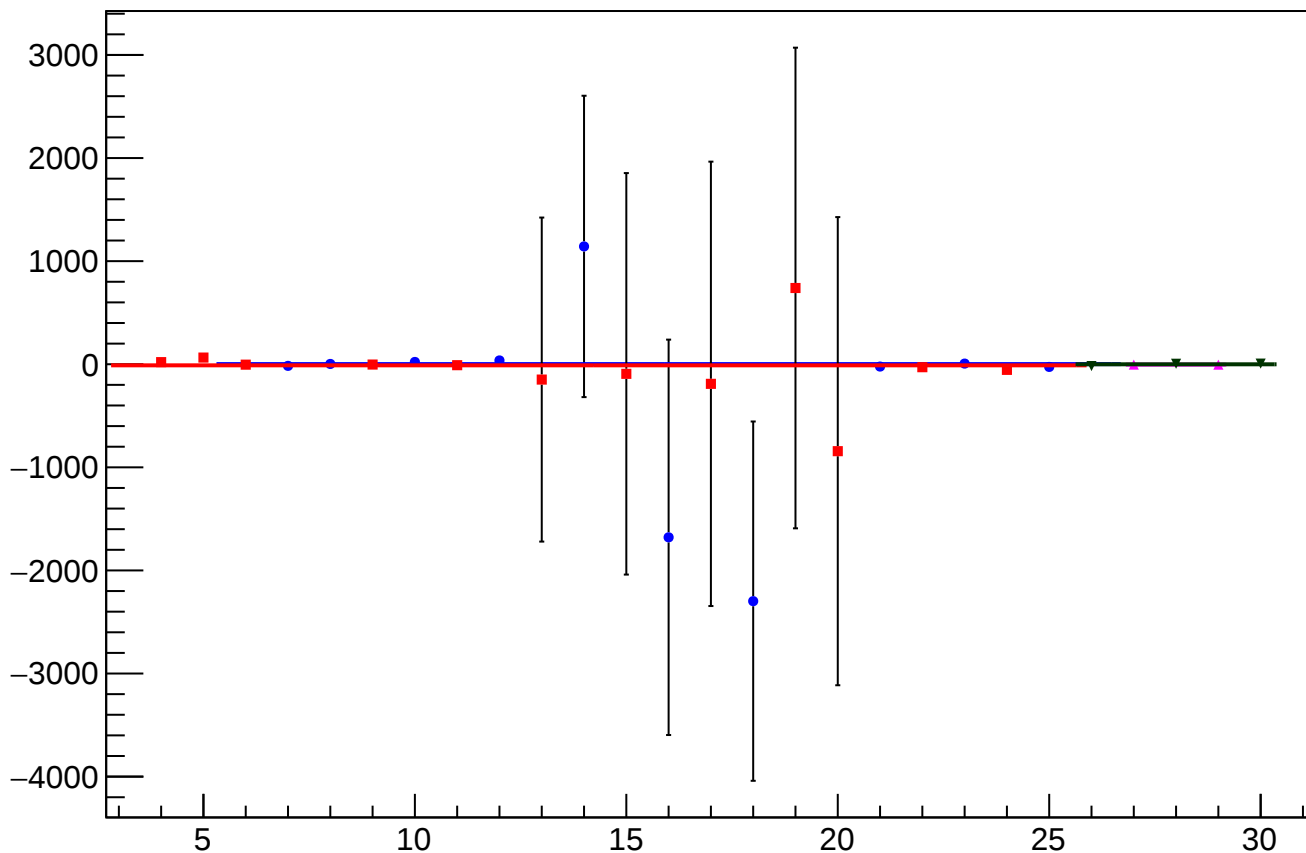
139.235 $\pm$ 0.040 χ^2 /NDF: 4365915.7/12

Right Out: 132.035 $\pm$ 0.048 χ^2 /NDF: 5119688.9/11

127.624 $\pm$ 0.039 χ^2 /NDF: 5145256.2/13

Left In: 119.297 $\pm$ 0.066 χ^2 /NDF: 1058.4/1

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: -0.557+/-13.900 χ^2/NDF : 0.5/2

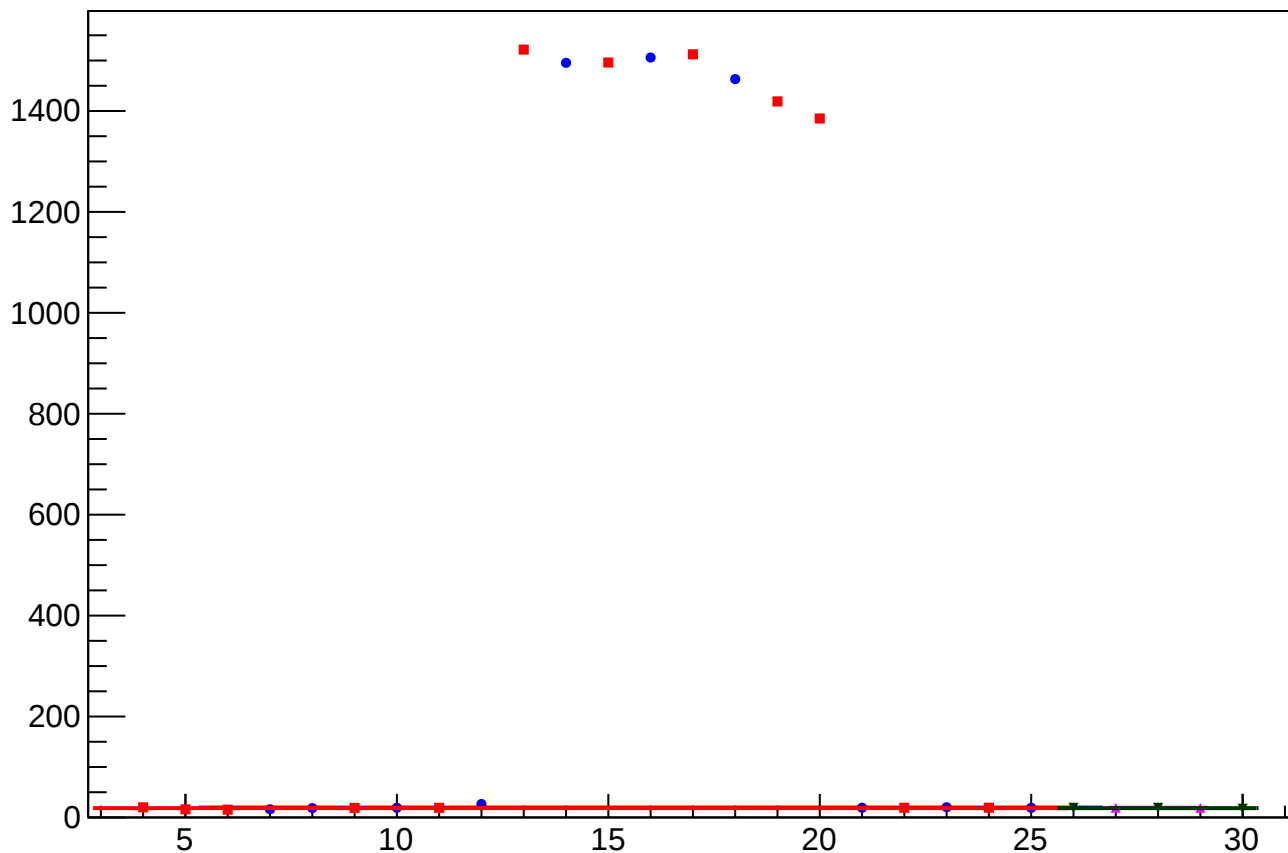
Right Out: -10.544+/-9.604 χ^2/NDF : 7.4/11

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

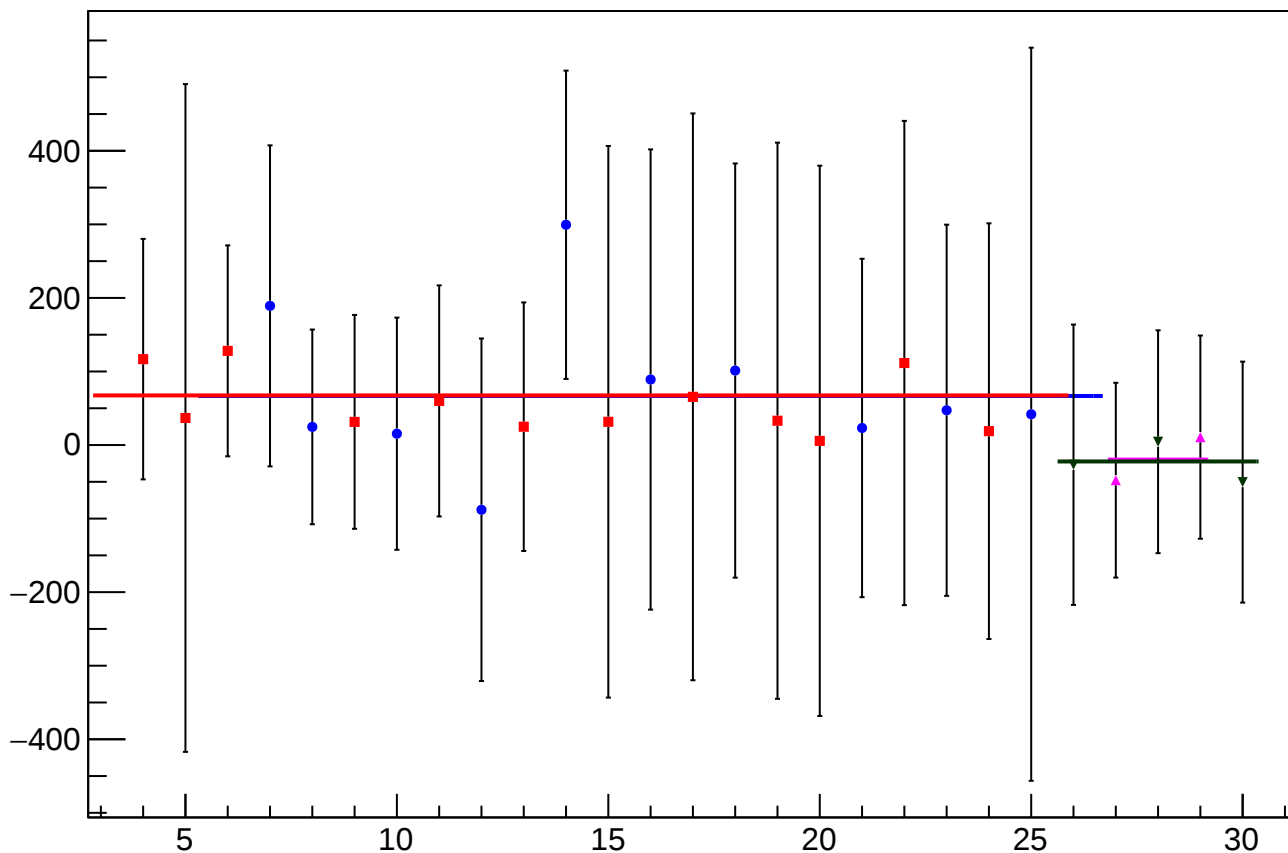
0.777+/-7.944 χ^2/NDF : 7.6/12

-8.504+/-8.040 χ^2/NDF : 7.6/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



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: -22.337+/-96.056 χ^2/NDF : 0.1/2

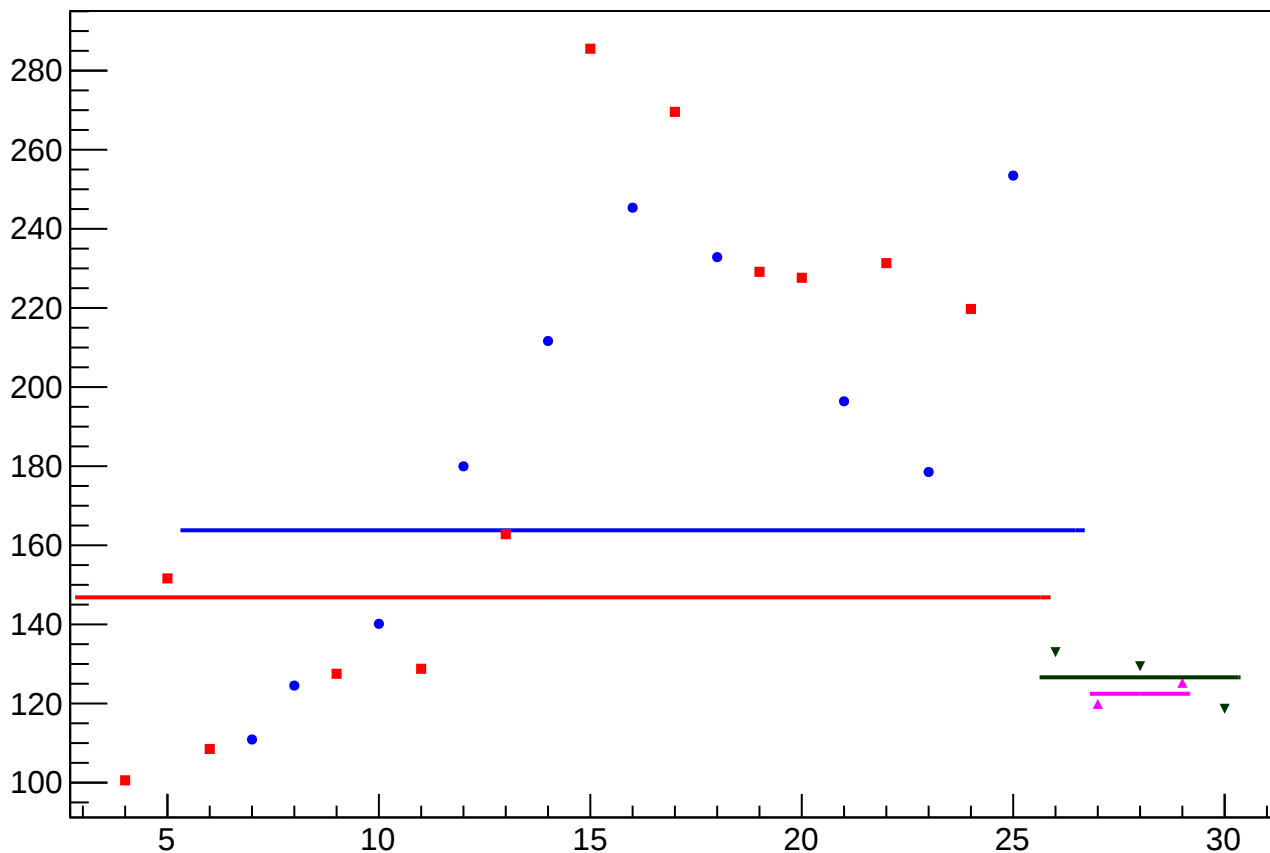
Right Out: 67.441+/-61.599 χ^2/NDF : 0.5/11

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

37.389+/-55.108 χ^2/NDF : 2.9/12

41.861+/-51.780 χ^2/NDF : 1.2/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 126.622 $\pm$ 0.068 χ^2 /NDF: 7617.4/2

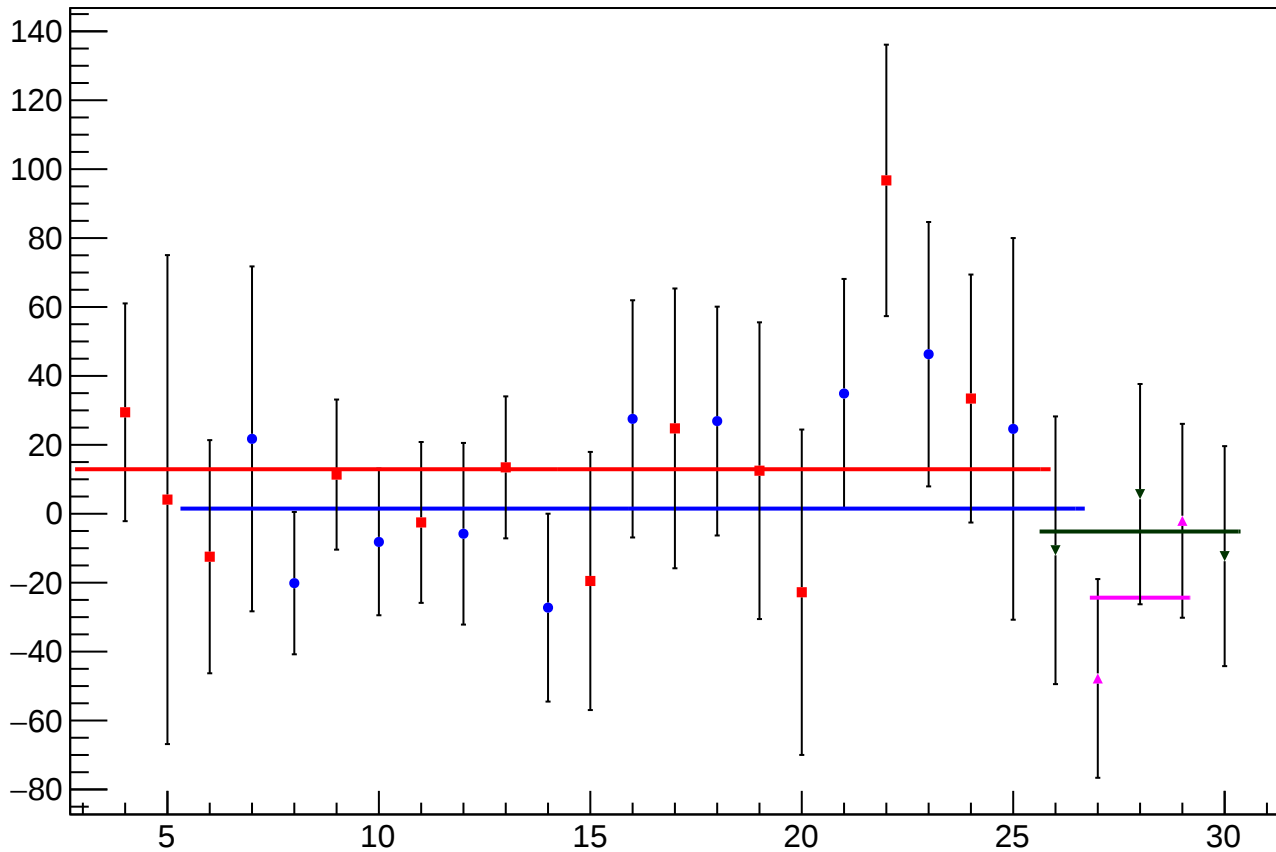
151.559 $\pm$ 0.039 χ^2 /NDF: 1028823.6/12

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

139.691 $\pm$ 0.037 χ^2 /NDF: 1405752.1/13

Left In: 122.471 $\pm$ 0.068 χ^2 /NDF: 1553.1/1

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -5.153 ± 19.525 $\chi^2/\text{NDF}: 0.2/2$

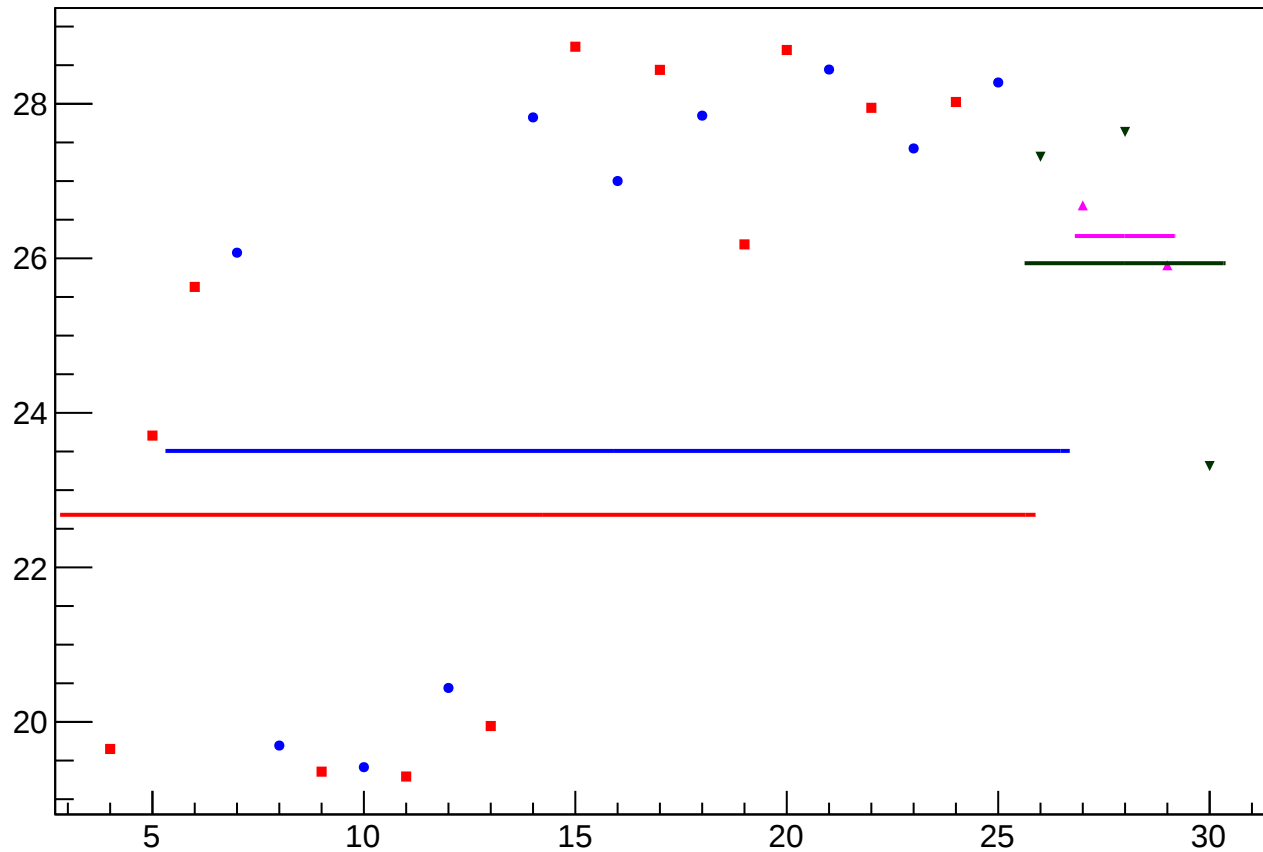
Right Out: 12.920 ± 9.091 $\chi^2/\text{NDF}: 7.6/11$

Left In: -24.353 ± 20.136 $\chi^2/\text{NDF}: 1.3/1$

0.254 ± 8.445 $\chi^2/\text{NDF}: 6.6/12$

6.609 ± 8.286 $\chi^2/\text{NDF}: 11.7/13$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



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

Left Out: 25.937 $\pm$ 0.014 χ^2/NDF : 21700.6/2

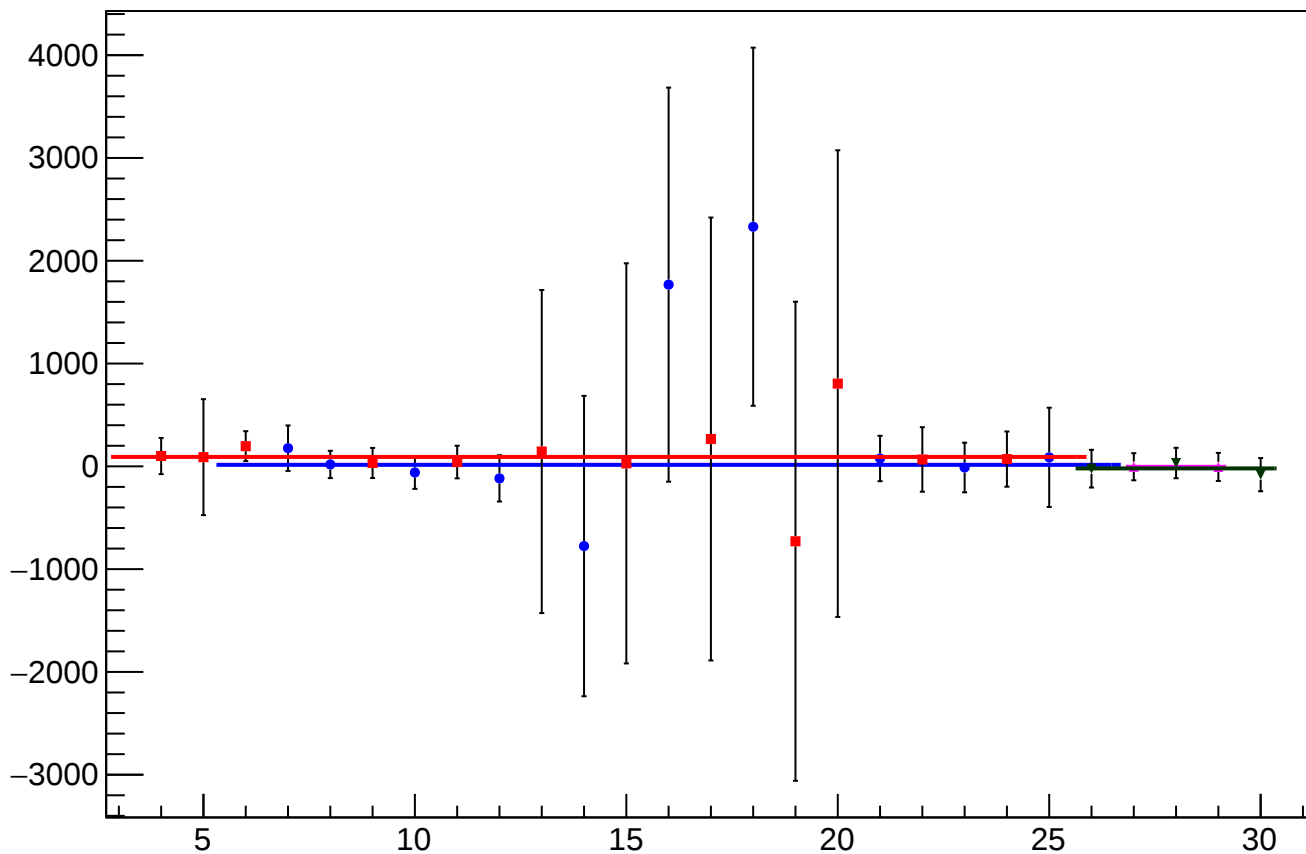
23.962 $\pm$ 0.006 χ^2/NDF : 406037.9/12

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

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

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

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: -20.094+/-93.733 χ^2/NDF : 0.3/2

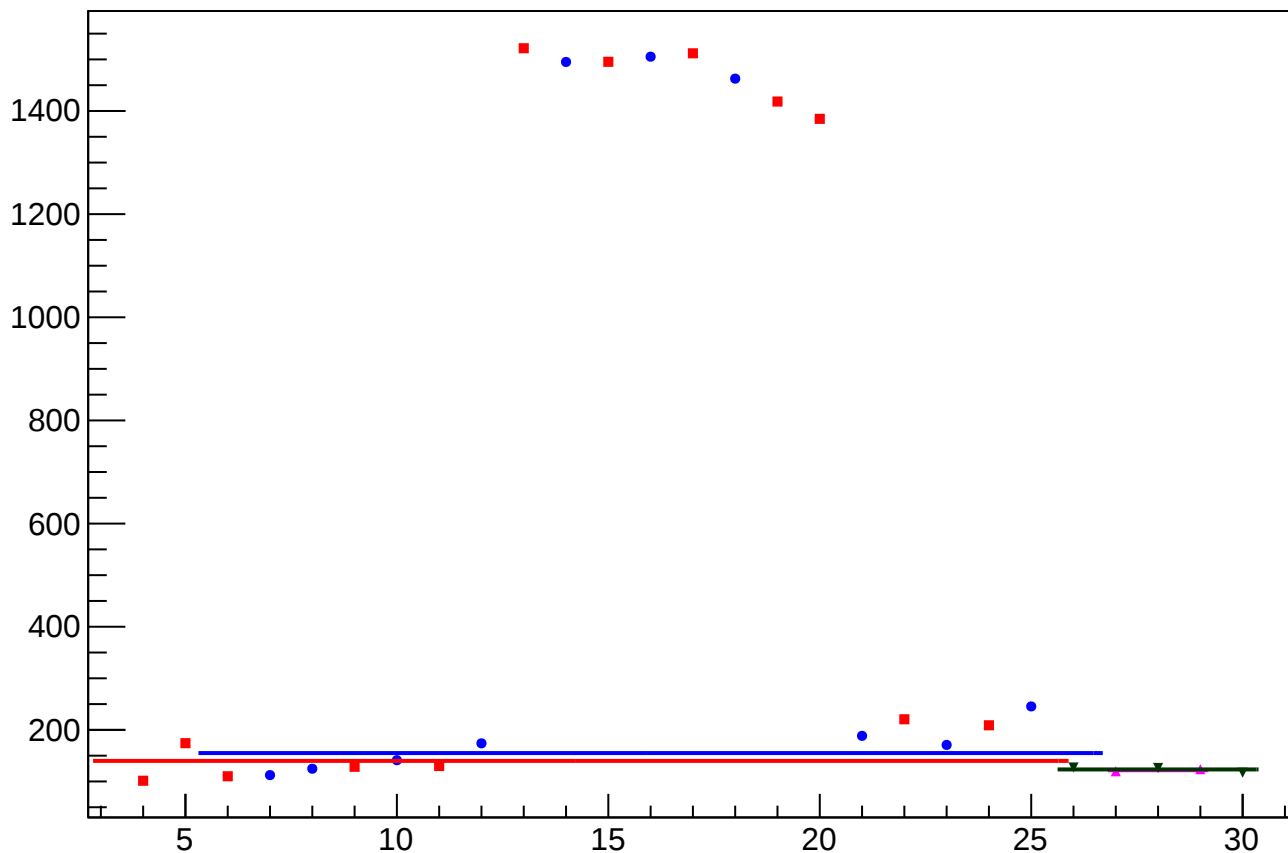
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

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

1.169+/-58.404 χ^2/NDF : 4.5/12

56.567+/-57.226 χ^2/NDF : 1.7/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



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

Left Out: 123.303 ± 0.066 χ^2/NDF : 4704.8/2

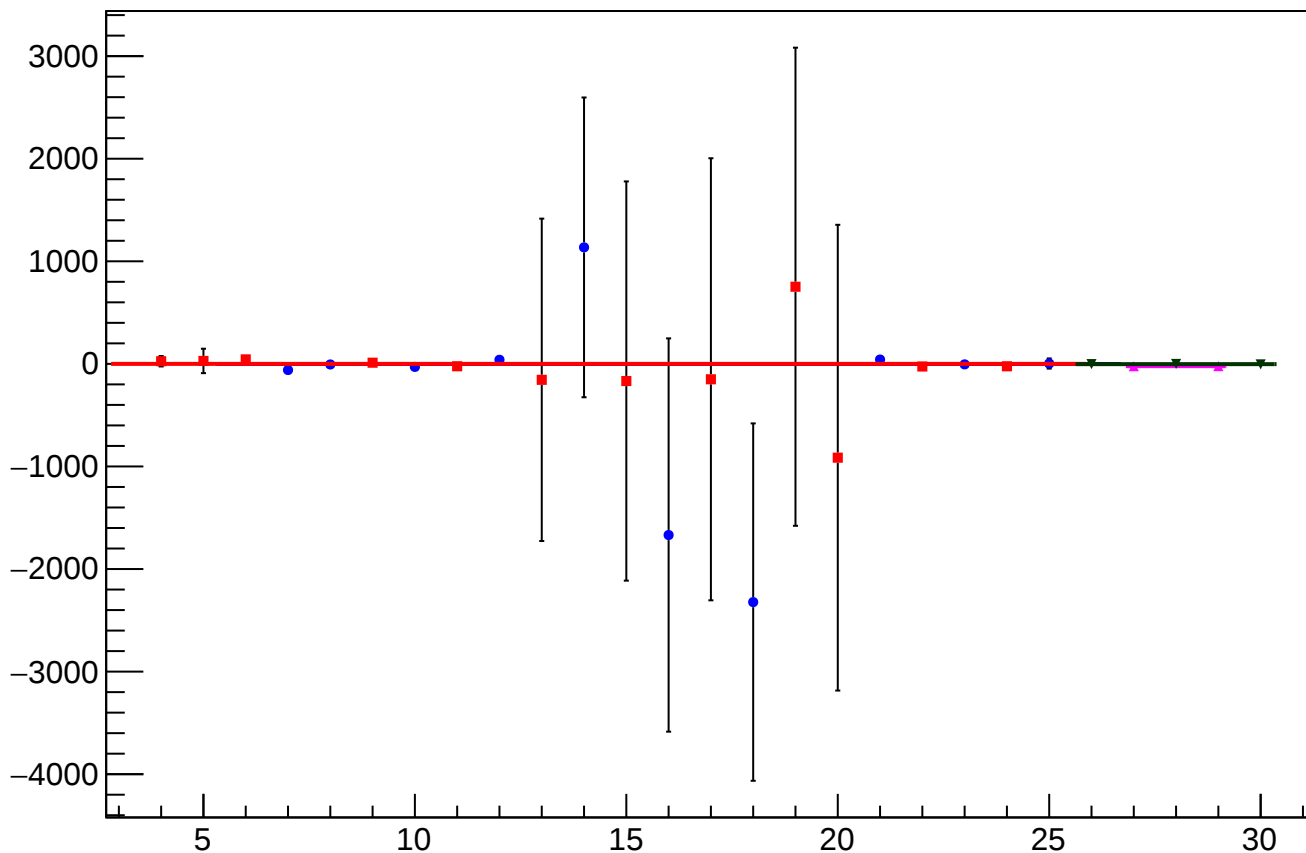
Right Out: 139.869 ± 0.051 χ^2/NDF : 5001746.3/11

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

142.725 ± 0.041 χ^2/NDF : 4279515.3/12

133.281 ± 0.040 χ^2/NDF : 5049001.9/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



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

Left Out: -2.626+/-18.855 χ^2/NDF : 0.0/2

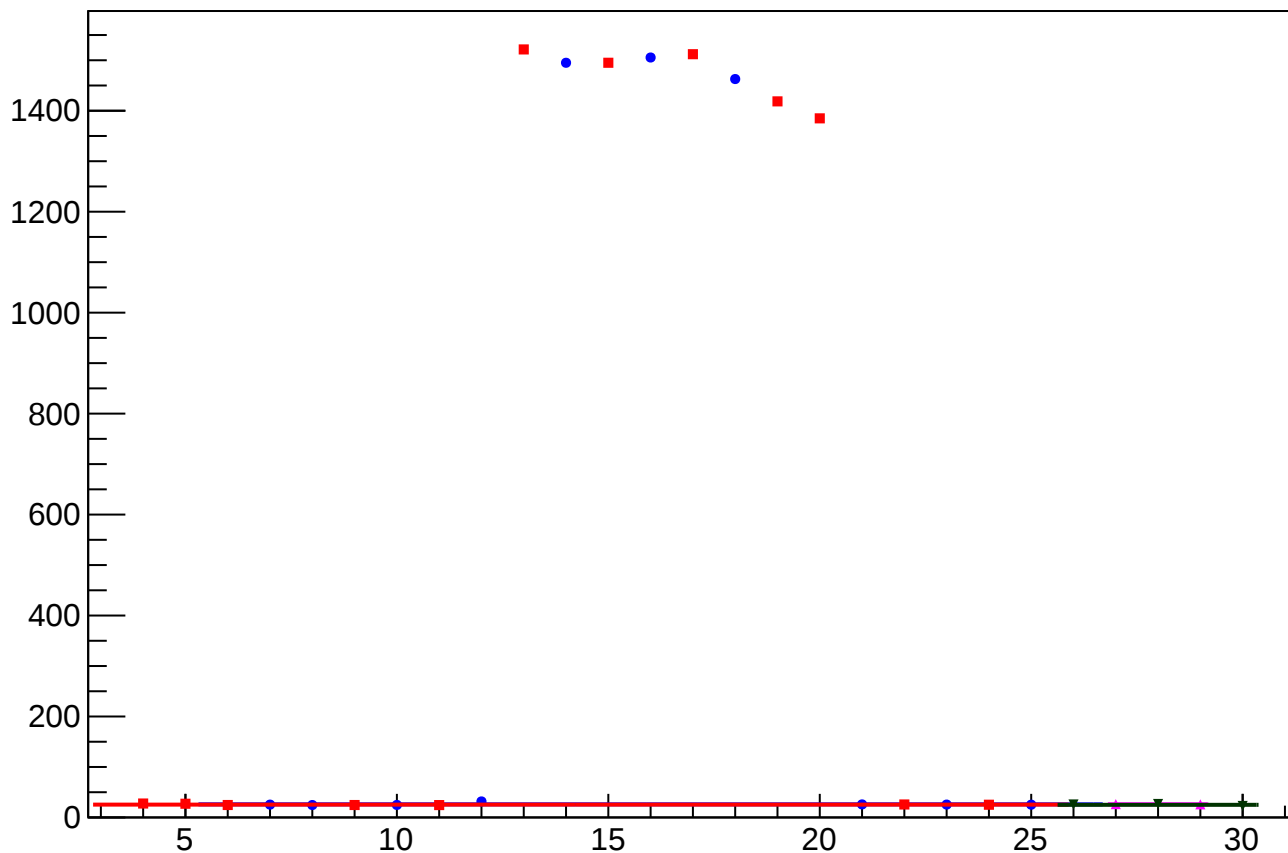
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

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

-1.685+/-10.571 χ^2/NDF : 8.8/12

-6.921+/-11.150 χ^2/NDF : 5.1/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



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

Left Out: 25.016+/-0.013 χ^2/NDF :16931.8/2

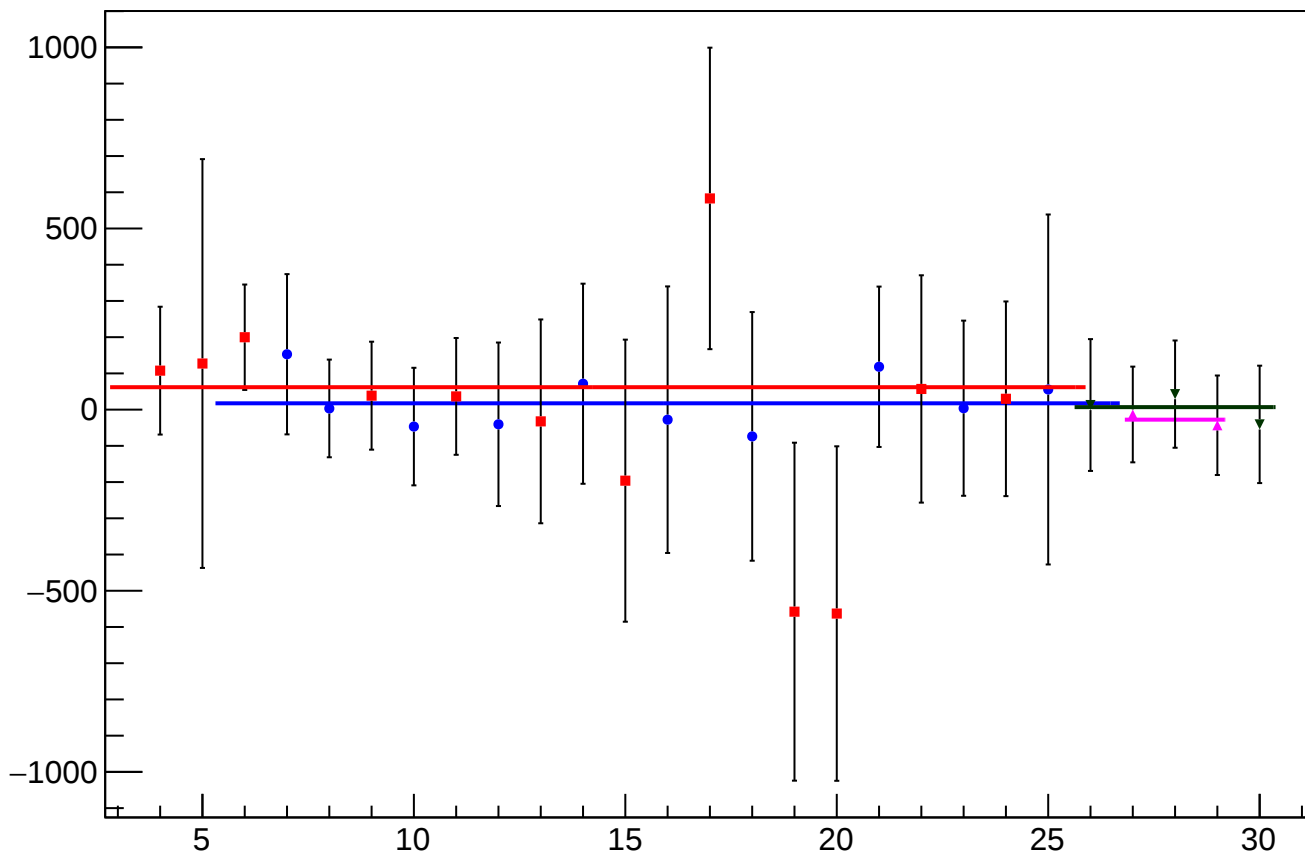
Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

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

25.689+/-0.007 χ^2/NDF : 4641751.3/12

25.669+/-0.008 χ^2/NDF : 5348540.8/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 17.450+/-70.034 χ^2/NDF : 0.9/9

Left Out: 6.903+/-93.690 χ^2/NDF : 0.1/2

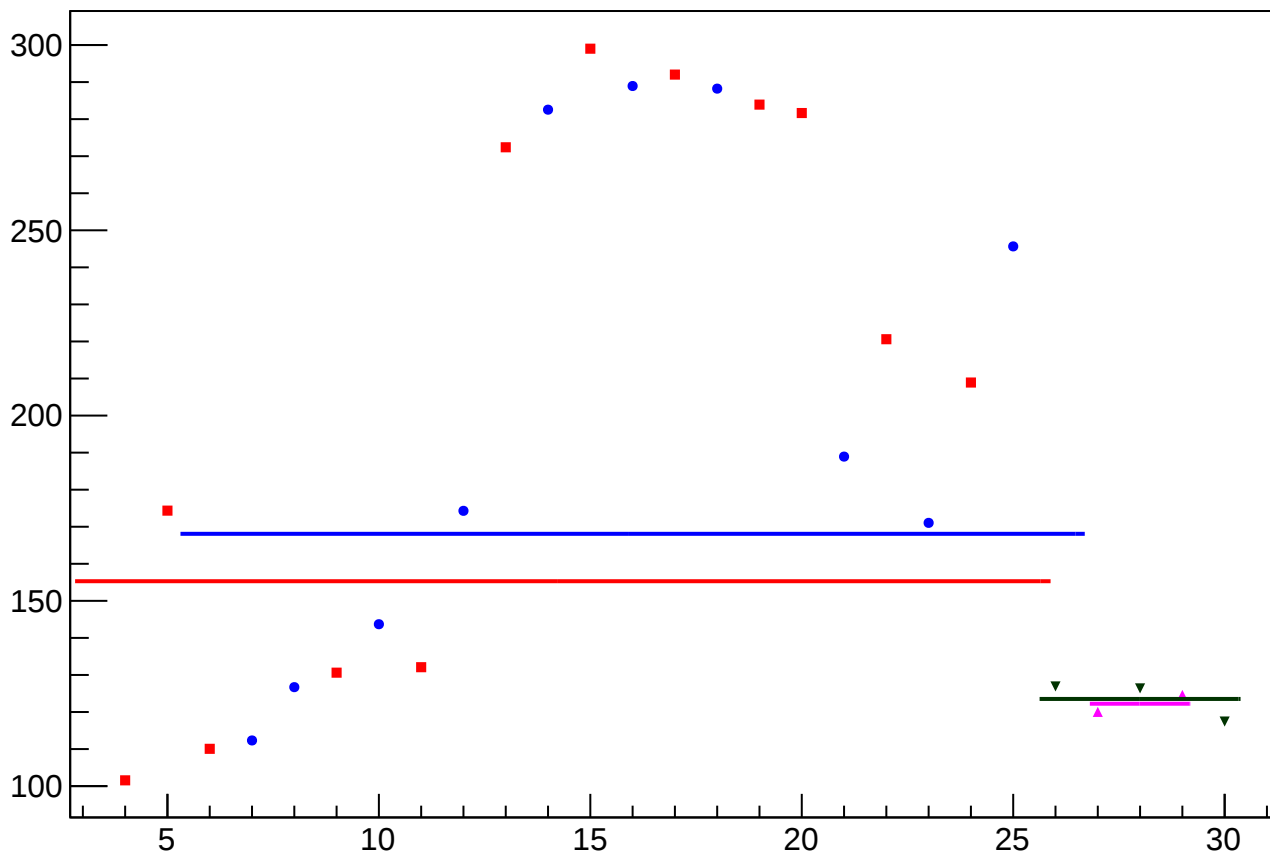
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

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

13.669+/-56.094 χ^2/NDF : 1.1/12

32.374+/-54.666 χ^2/NDF : 7.4/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 168.090 ± 0.050 $\chi^2/\text{NDF}: 1236302.5/9$

Left Out: 123.526 ± 0.066 $\chi^2/\text{NDF}: 4261.9/2$

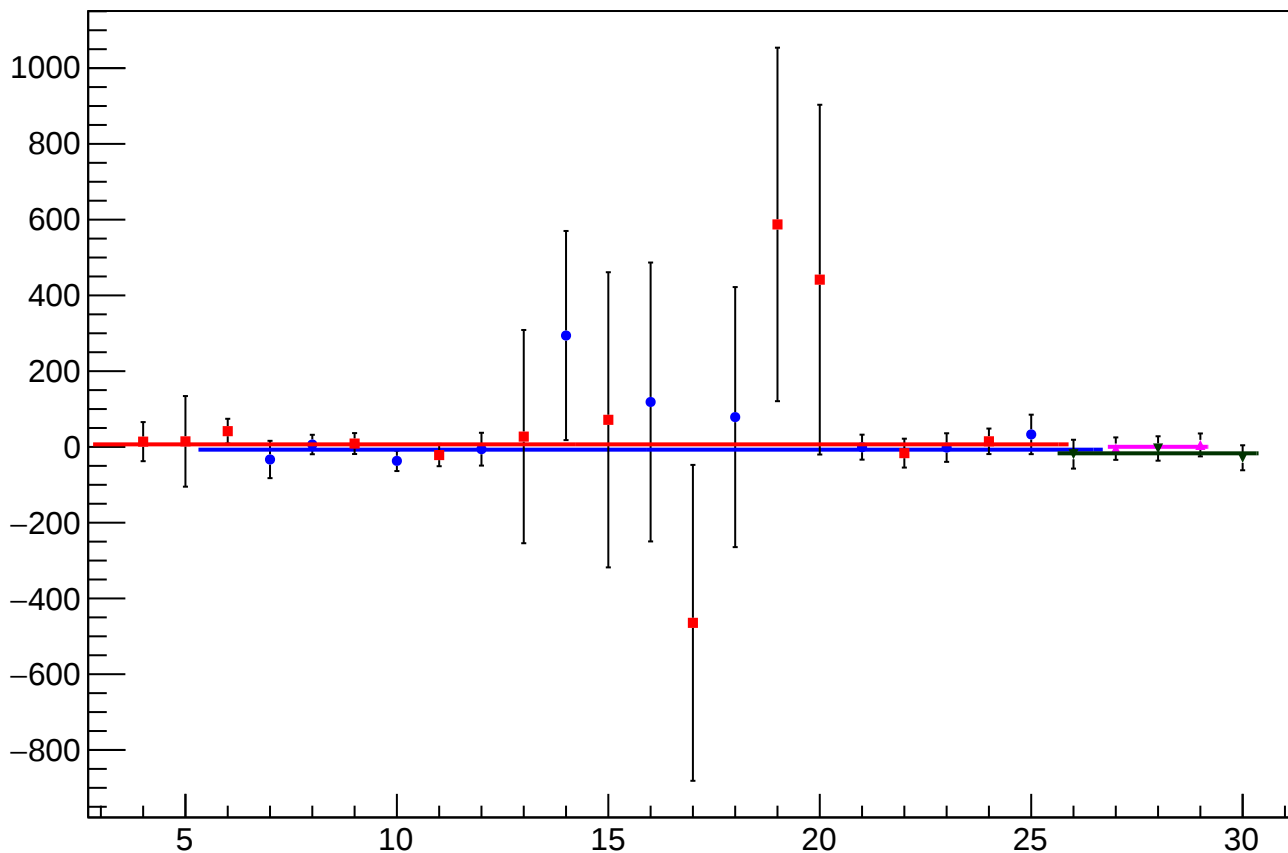
152.115 ± 0.040 $\chi^2/\text{NDF}: 1530850.6/12$

Right Out: 155.299 ± 0.047 $\chi^2/\text{NDF}: 1780534.8/11$

144.399 ± 0.039 $\chi^2/\text{NDF}: 1943362.4/13$

Left In: 122.237 ± 0.067 $\chi^2/\text{NDF}: 1156.0/1$

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -7.237+/-13.049 χ^2/NDF : 3.8/9

Left Out: -16.900+/-19.718 χ^2/NDF : 0.3/2

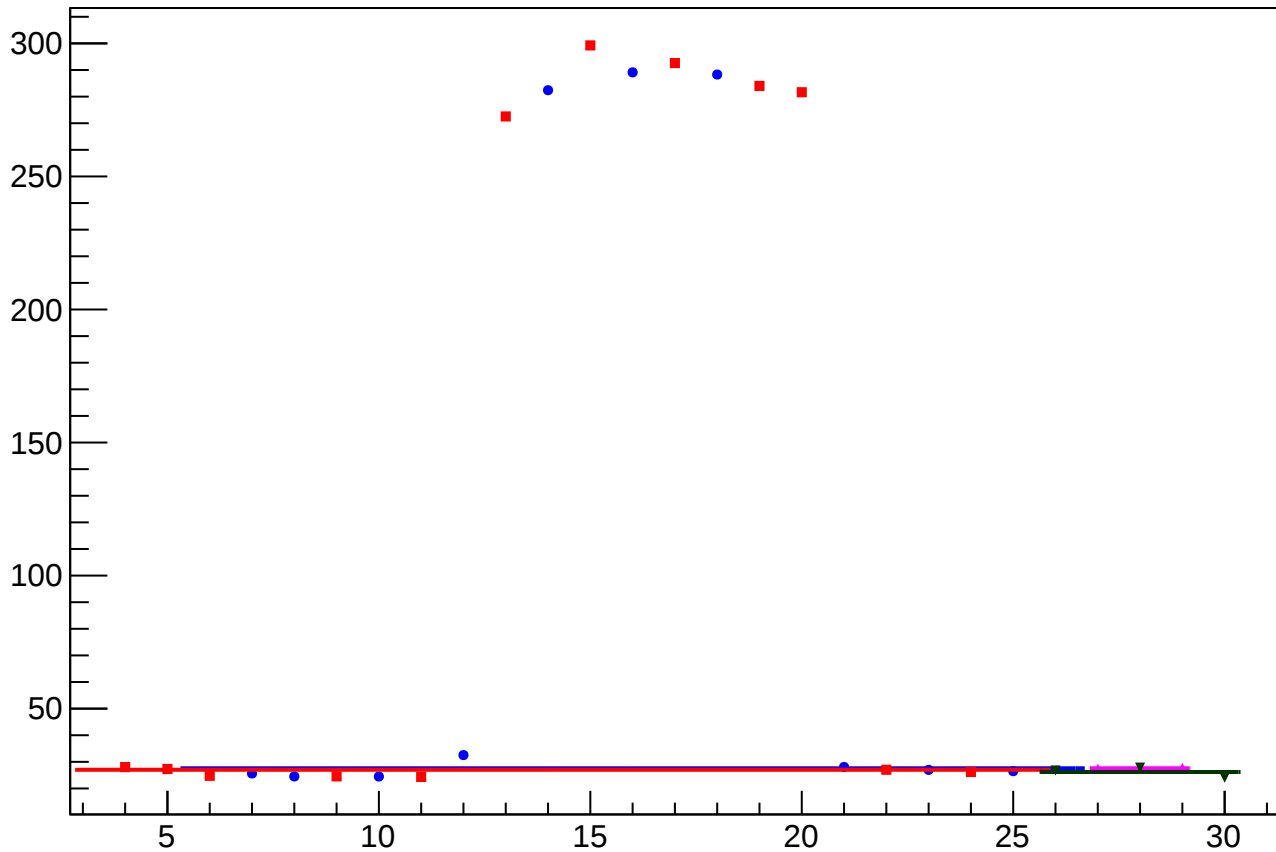
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

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

-10.180+/-10.882 χ^2/NDF : 4.3/12

4.885+/-11.408 χ^2/NDF : 6.4/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 26.189 $\pm$ 0.014 χ^2 /NDF:14269.4/2

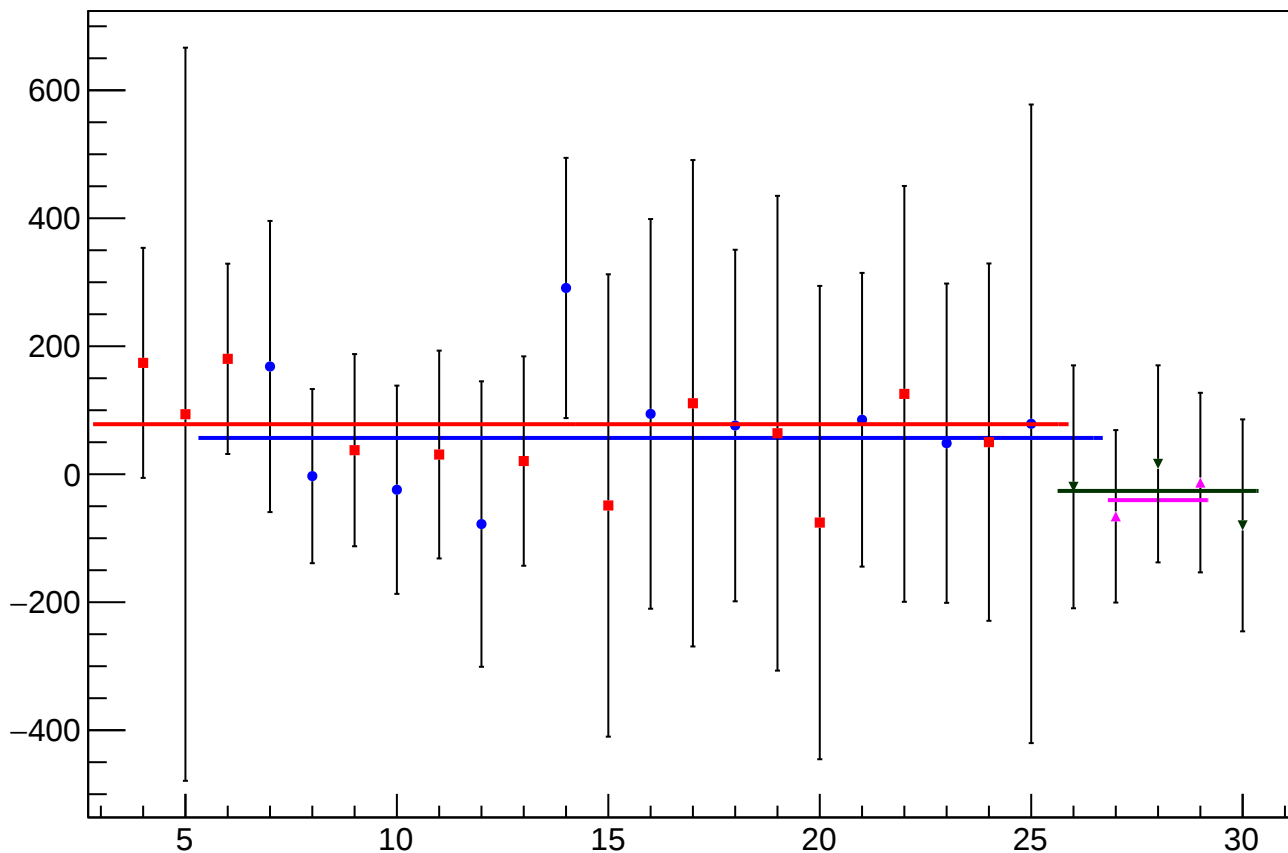
27.157 $\pm$ 0.008 χ^2 /NDF: 3975068.2/12

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

27.189 $\pm$ 0.008 χ^2 /NDF: 4570128.7/13

Left In: 27.594 $\pm$ 0.015 χ^2 /NDF:152.9/1

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



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

Left Out: -26.079+/-96.949 χ^2/NDF : 0.2/2

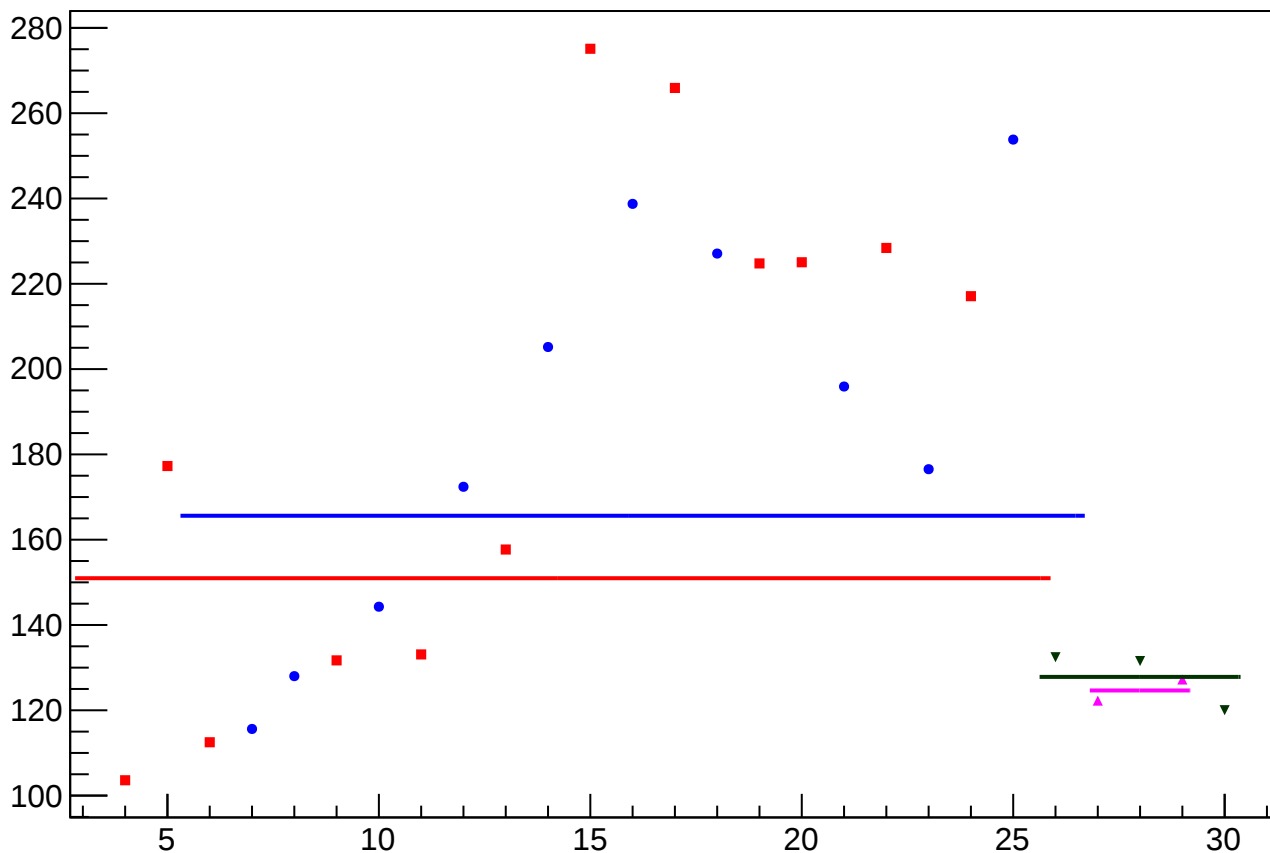
Right Out: 78.185+/-63.204 χ^2/NDF : 1.4/11

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

29.603+/-55.481 χ^2/NDF : 3.1/12

42.915+/-52.986 χ^2/NDF : 2.5/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



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

Left Out: 127.831 $\pm$ 0.069 χ^2/NDF : 6794.0/2

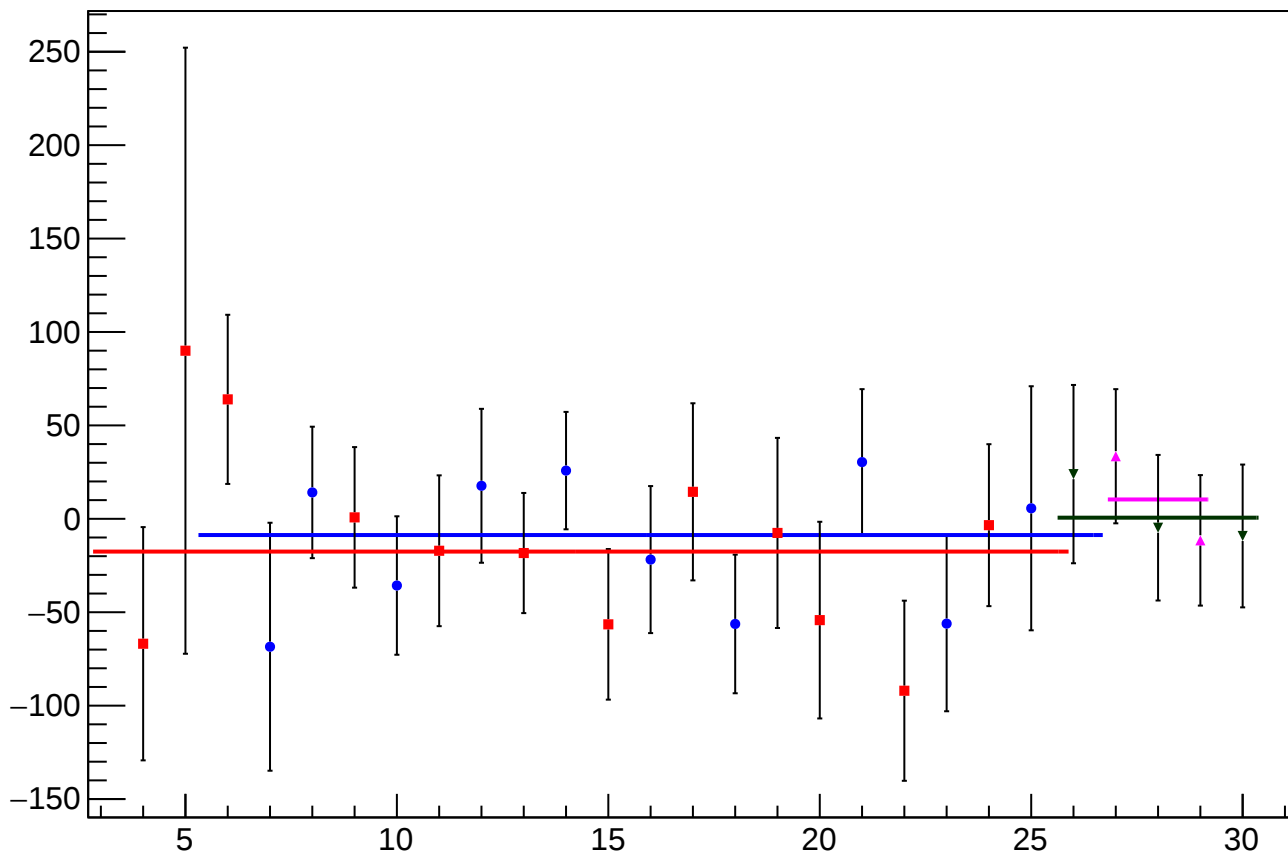
153.241 $\pm$ 0.039 χ^2/NDF : 889089.0/12

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

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

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: 0.610 ± 23.687 $\chi^2/\text{NDF}: 0.3/2$

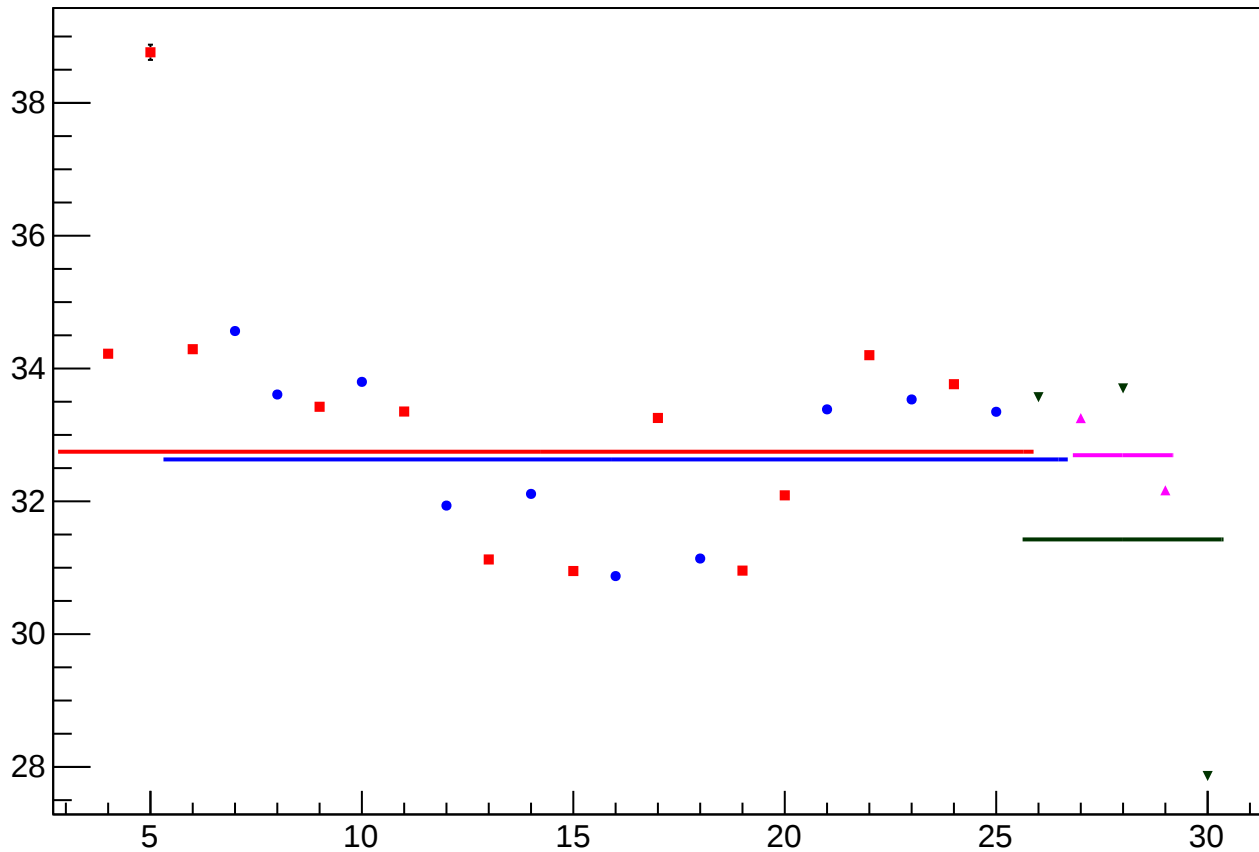
Right Out: -17.538 ± 13.085 $\chi^2/\text{NDF}: 8.9/11$

Left In: 10.361 ± 25.038 $\chi^2/\text{NDF}: 0.8/1$

-6.576 ± 11.276 $\chi^2/\text{NDF}: 7.6/12$

-11.553 ± 11.597 $\chi^2/\text{NDF}: 10.7/13$

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 31.426 $\pm$ 0.017 χ^2 /NDF: 28221.6/2

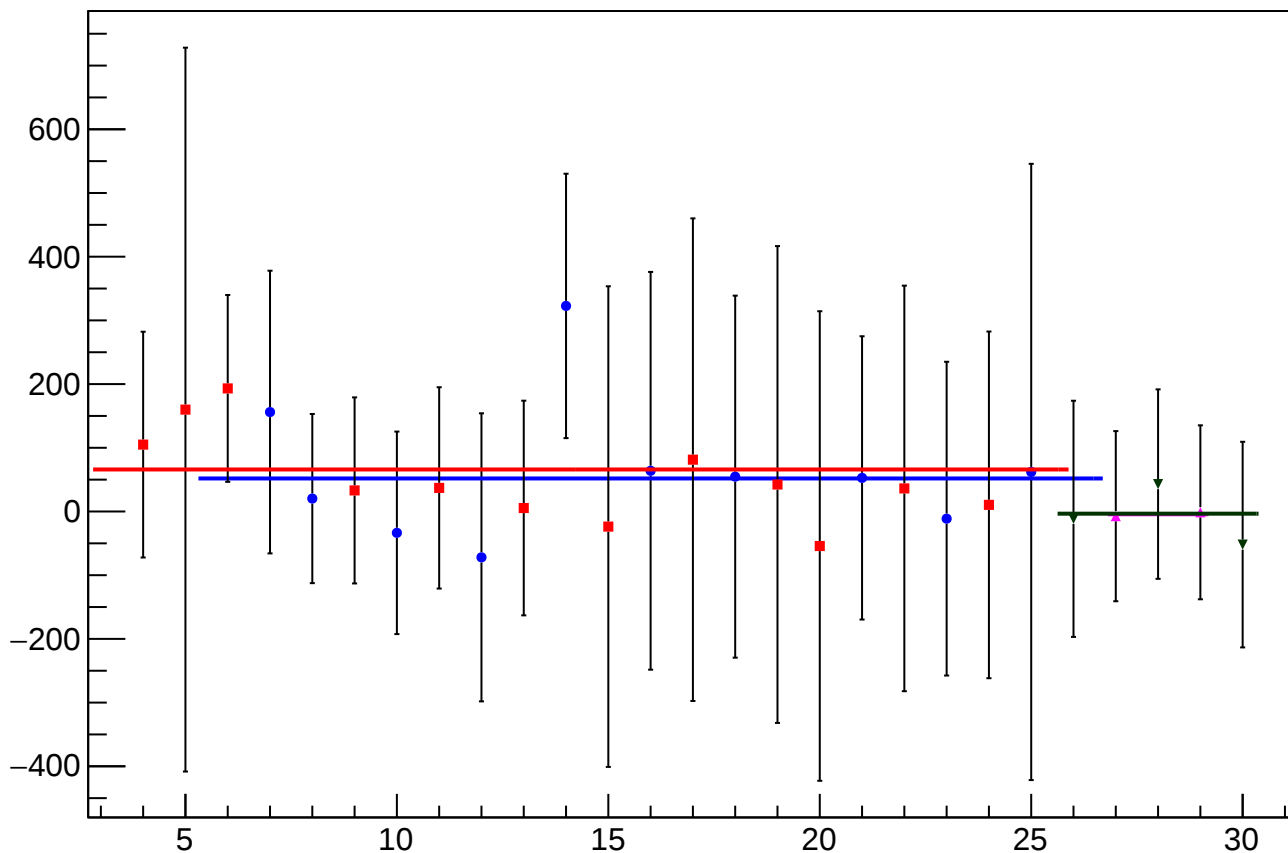
Right Out: 32.747 $\pm$ 0.009 χ^2 /NDF: 22297.5/11

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

32.358 $\pm$ 0.008 χ^2 /NDF: 47519.6/12

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



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

Left Out: -3.432+/-94.199 χ^2/NDF : 0.2/2

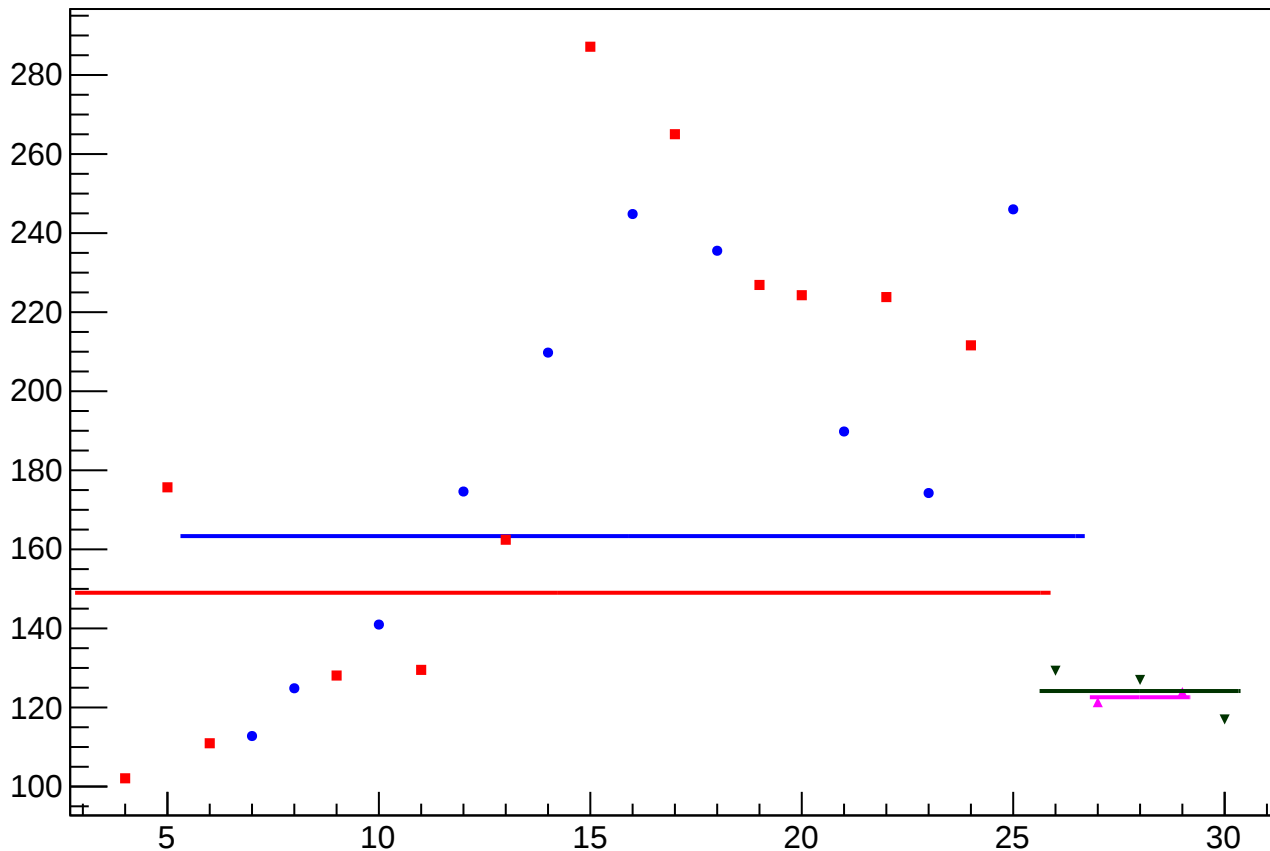
Right Out: 65.954+/-62.568 χ^2/NDF : 1.3/11

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

33.281+/-54.578 χ^2/NDF : 3.1/12

44.824+/-52.333 χ^2/NDF : 1.6/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 124.164+/-0.067 χ^2/NDF : 6214.0/2

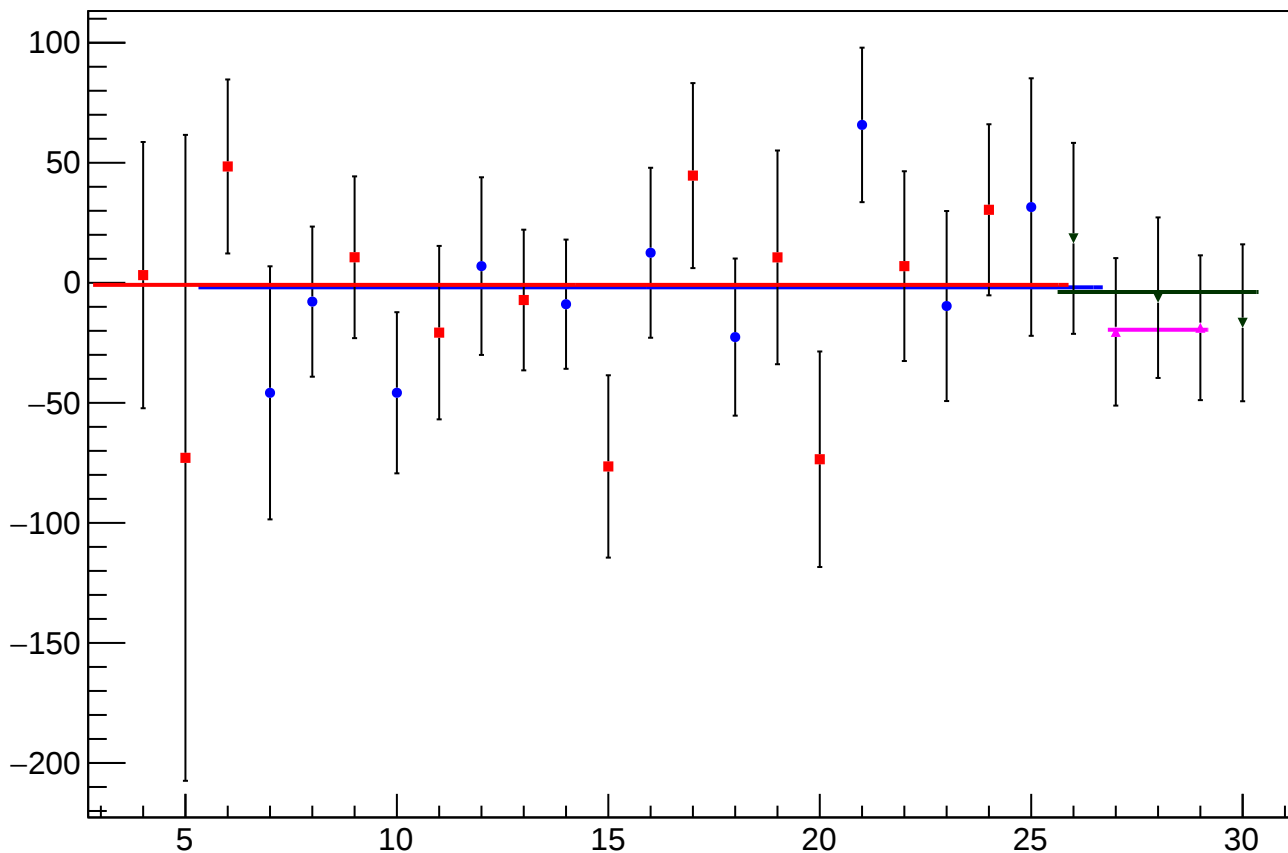
150.199+/-0.039 χ^2/NDF : 1008793.7/12

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

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

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: -3.824 $\pm$ 20.151 χ^2 /NDF: 0.5/2

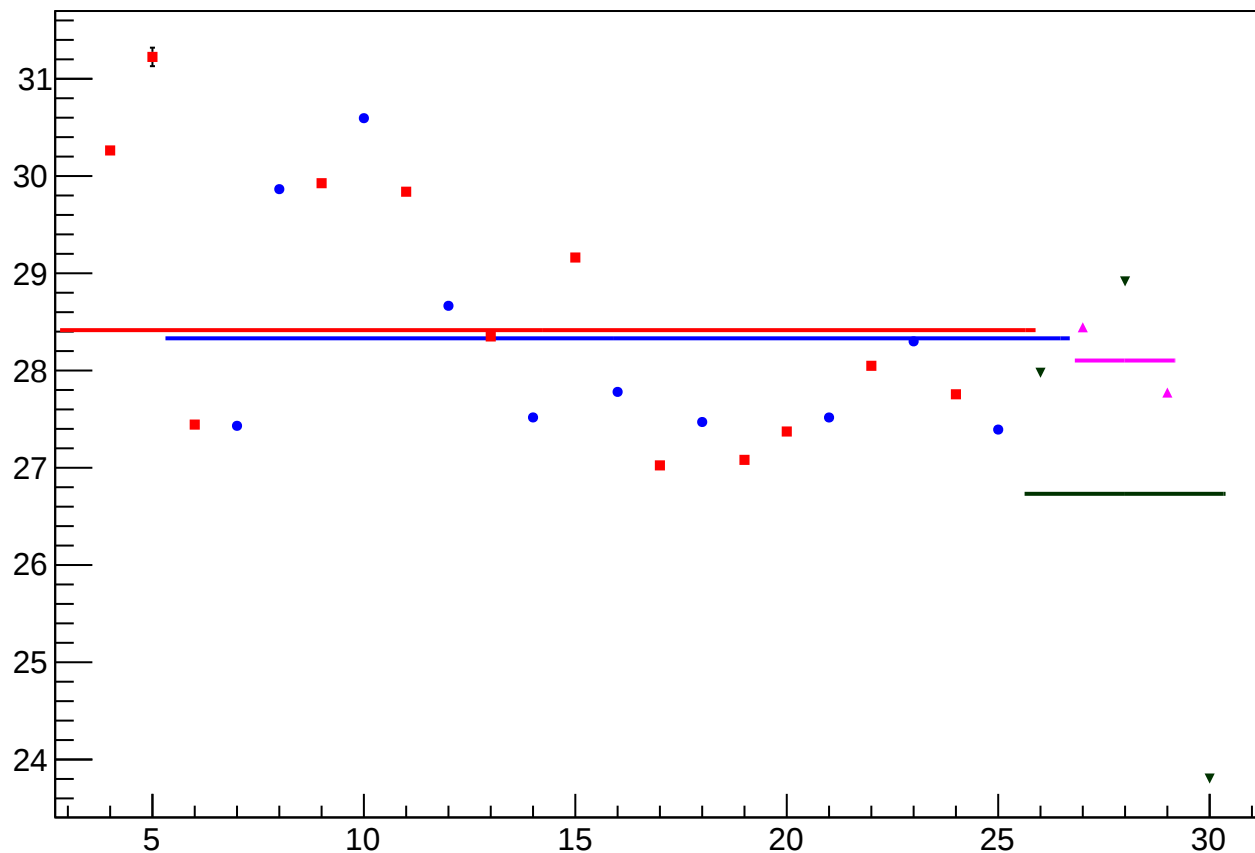
Right Out: -0.853 $\pm$ 11.359 χ^2 /NDF: 11.5/11

Left In: -19.548 $\pm$ 21.520 χ^2 /NDF: 0.0/1

-2.335 $\pm$ 9.746 χ^2 /NDF: 8.5/12

-4.927 $\pm$ 10.045 χ^2 /NDF: 12.1/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 28.331±/0.008 χ^2/NDF : 20249.2/9

Left Out: 26.732±/0.014 χ^2/NDF : 26545.3/2

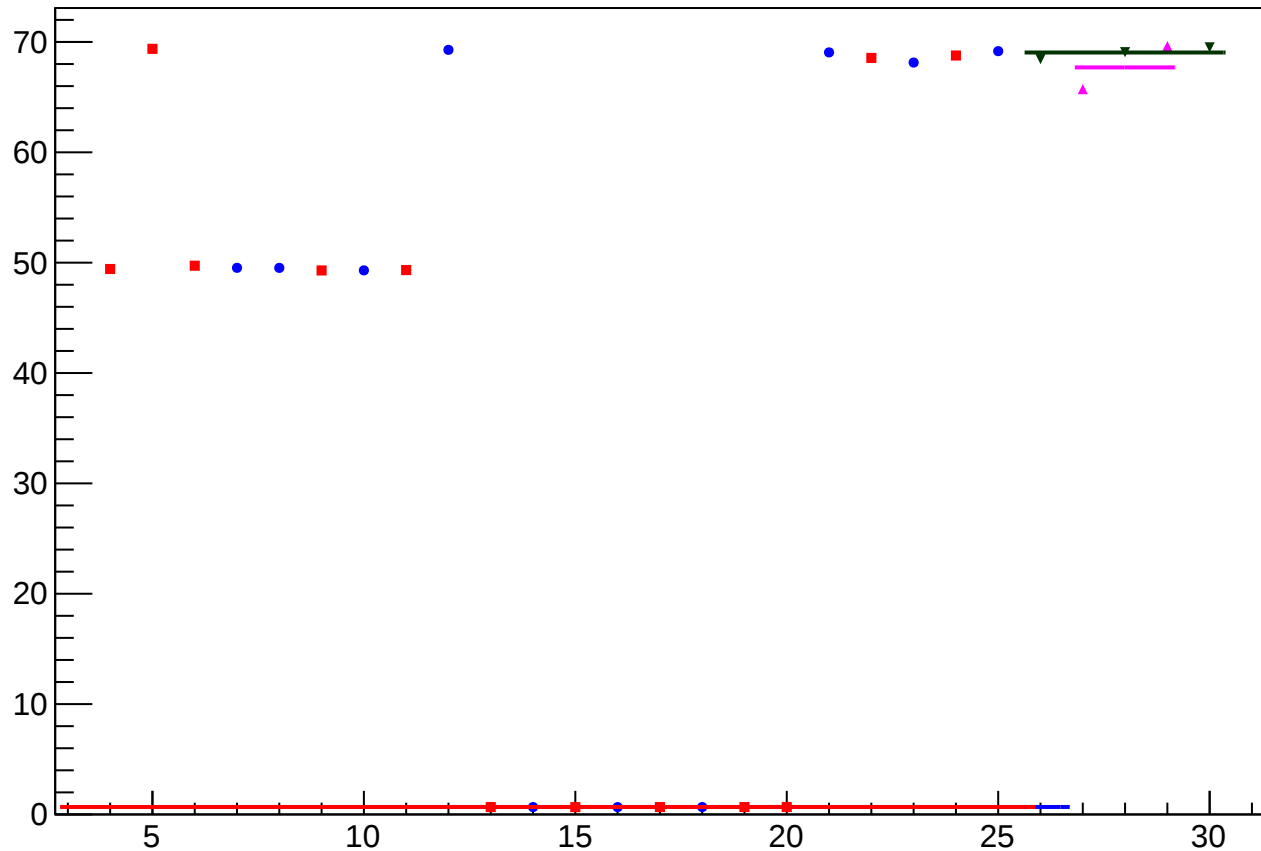
Right Out: 28.415±/0.008 χ^2/NDF : 18780.8/11

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

27.957±/0.007 χ^2/NDF : 56441.8/12

28.347±/0.007 χ^2/NDF : 19596.6/13

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.045+/-0.000 χ^2/NDF :9520284.9/2

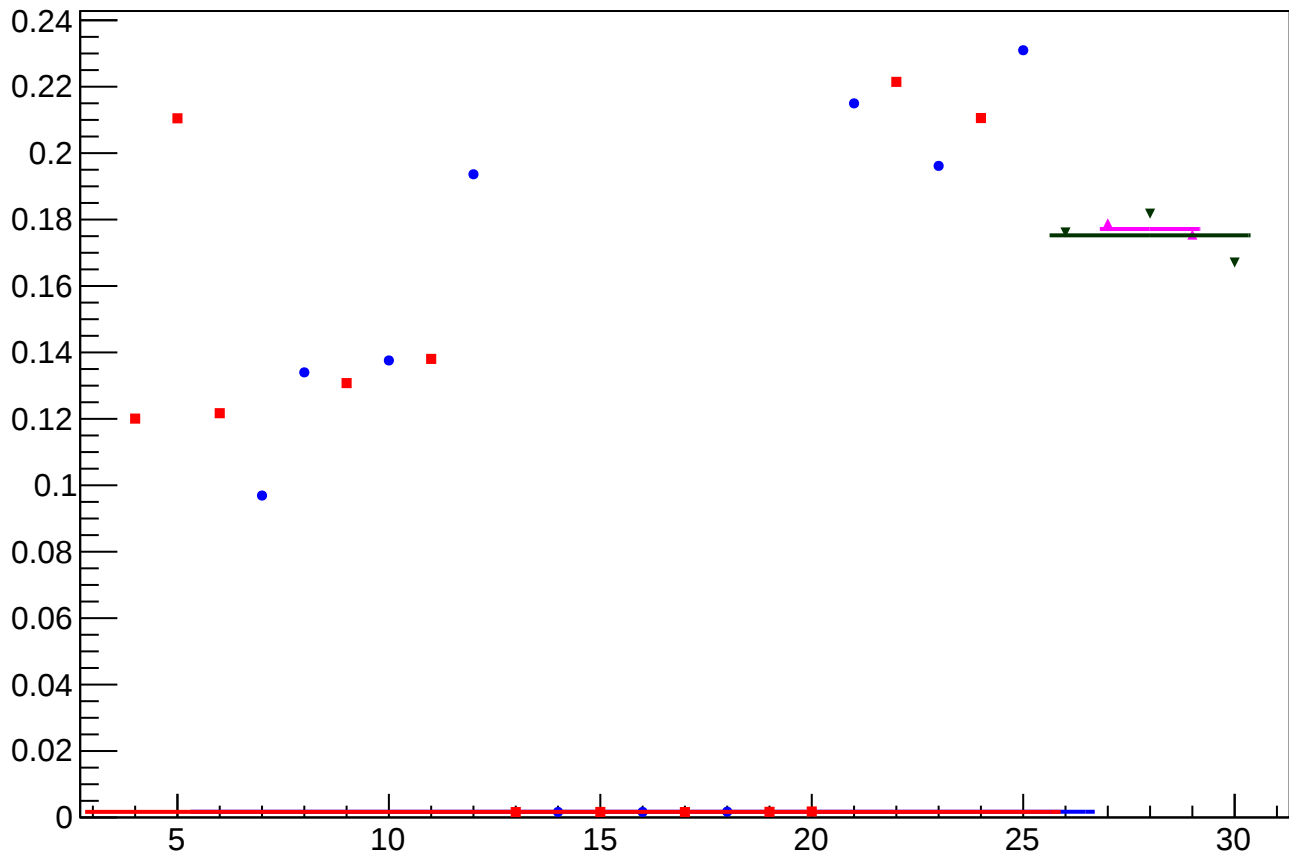
Right Out: 0.677+/-0.000 χ^2/NDF : 436954244556.0/11

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

0.683+/-0.000 χ^2/NDF : 748489724220.5/12

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

yield_bcm_an_ds_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 7632381.8/9

Left Out: 0.175 $\pm$ 0.000 χ^2 /NDF:4257.8/2

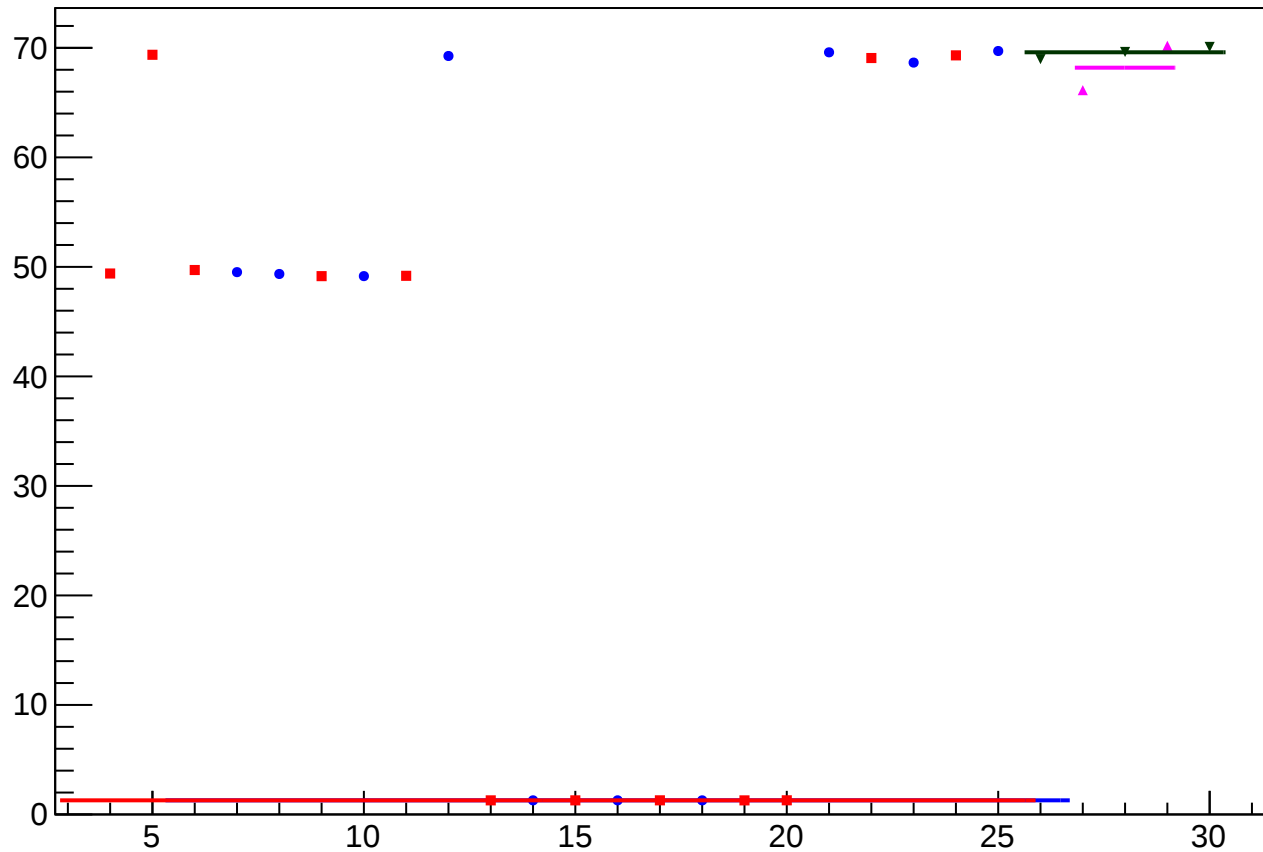
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 6636068.7/11

Left In: 0.177 $\pm$ 0.000 χ^2 /NDF:298.7/1

0.002 $\pm$ 0.000 χ^2 /NDF: 10916007.8/12

0.002 $\pm$ 0.000 χ^2 /NDF: 9814357.4/13

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.597+/-0.000 χ^2/NDF :9962743.1/2

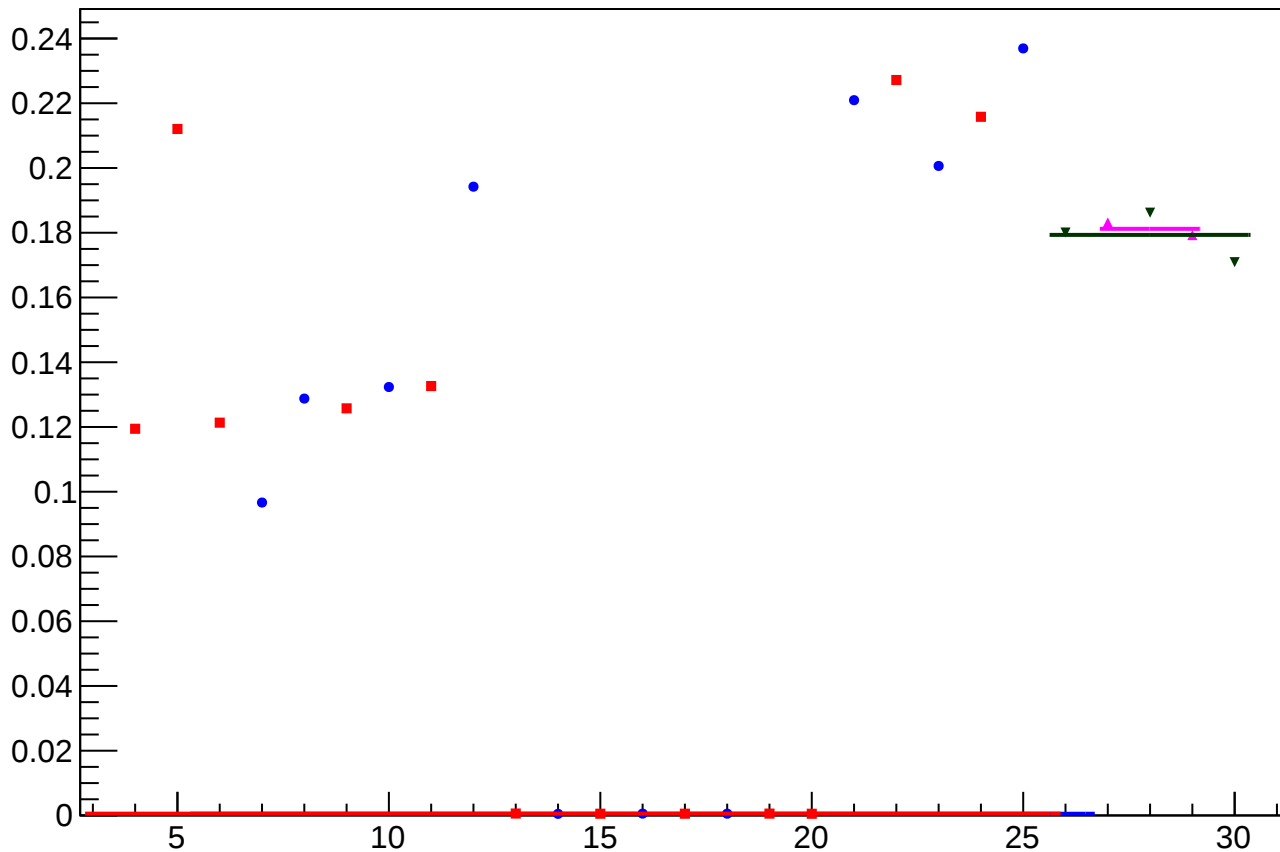
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

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

1.290+/-0.000 χ^2/NDF : 735643294808.6/12

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

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.179+/-0.000 χ^2/NDF :4372.9/2

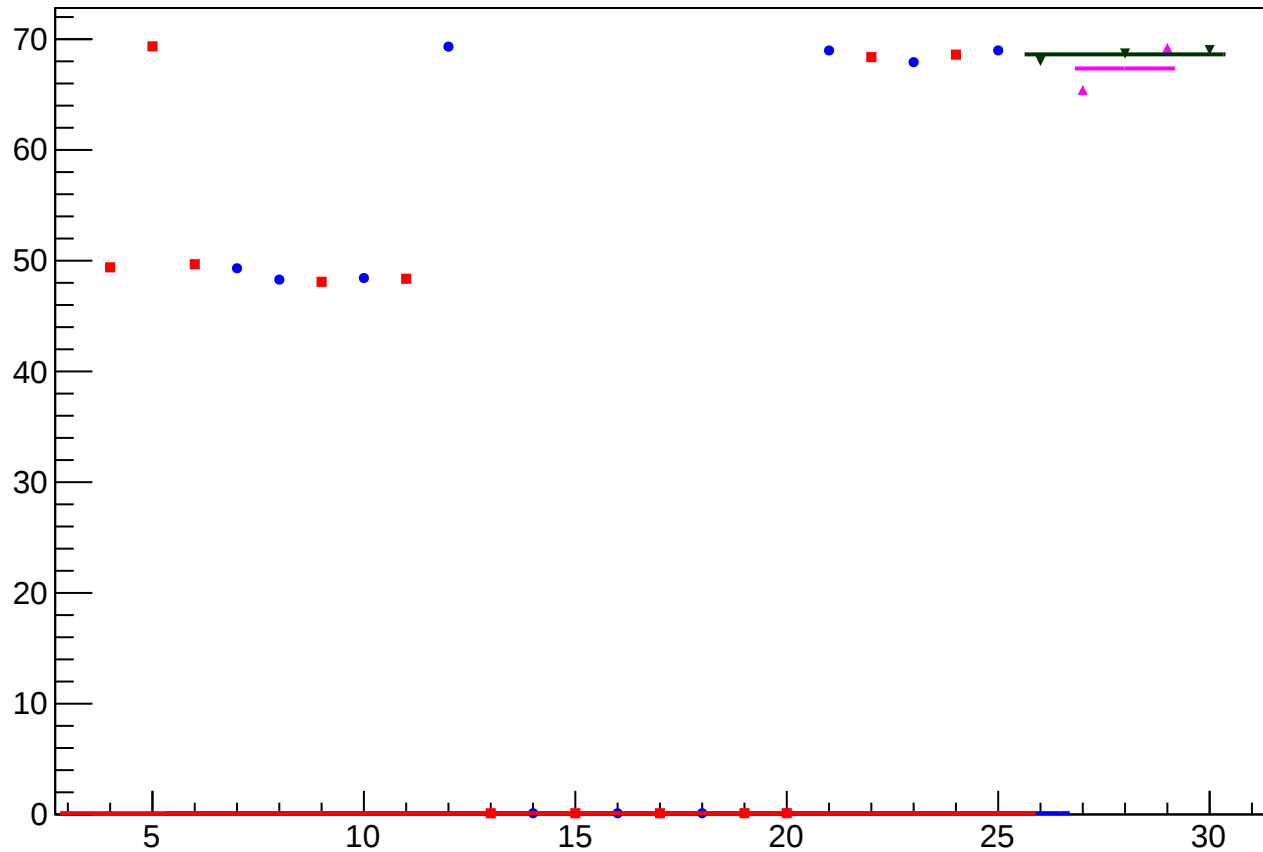
0.001+/-0.000 χ^2/NDF : 11091588.8/12

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

0.001+/-0.000 χ^2/NDF : 9960324.5/13

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

yield_bcm_an_us_mean vs slug



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

Left Out: 68.629+/-0.000 χ^2/NDF :8390042.0/2

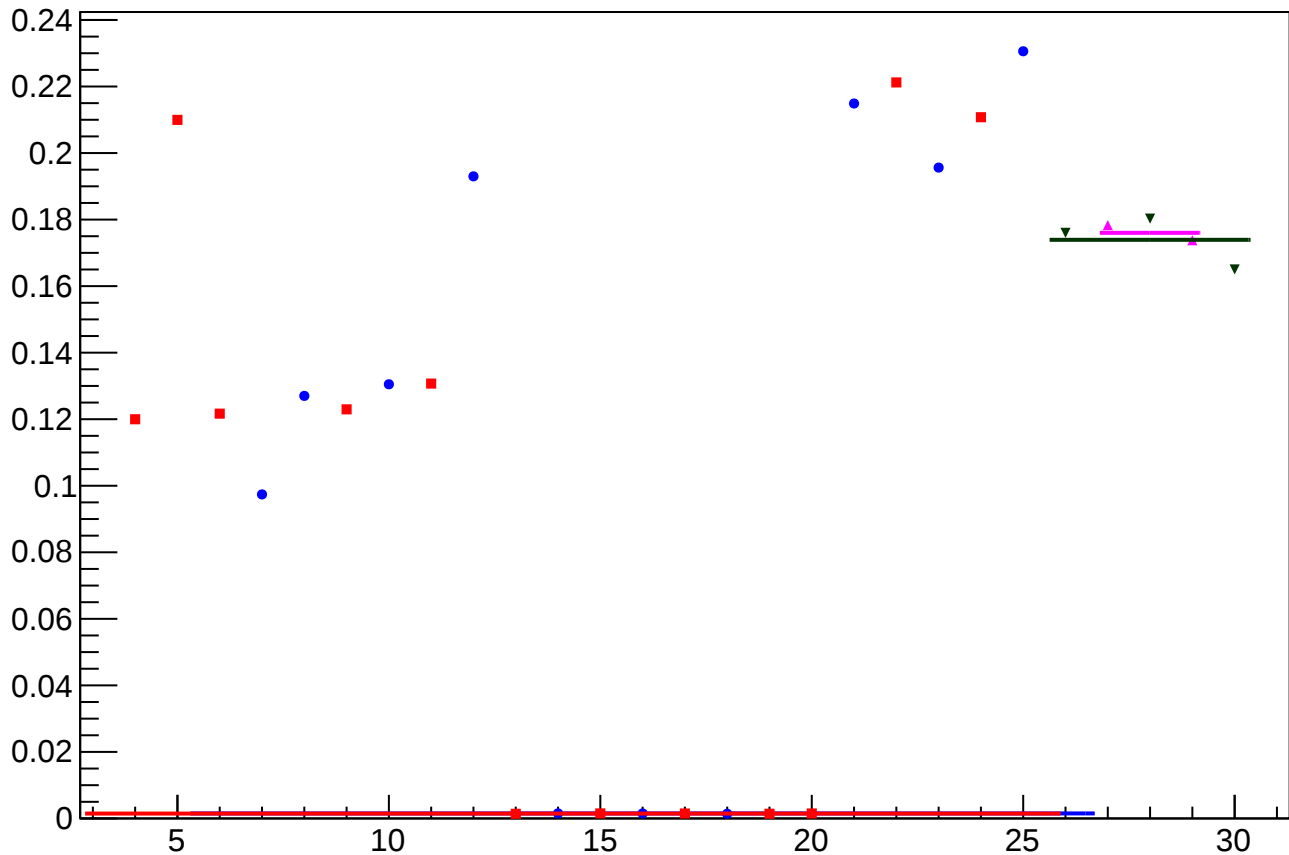
0.122+/-0.000 χ^2/NDF : 773930685816.3/12

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

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

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

yield_bcm_an_us_rms vs slug



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

Left Out: 0.174 $\pm$ 0.000 χ^2 /NDF:4824.2/2

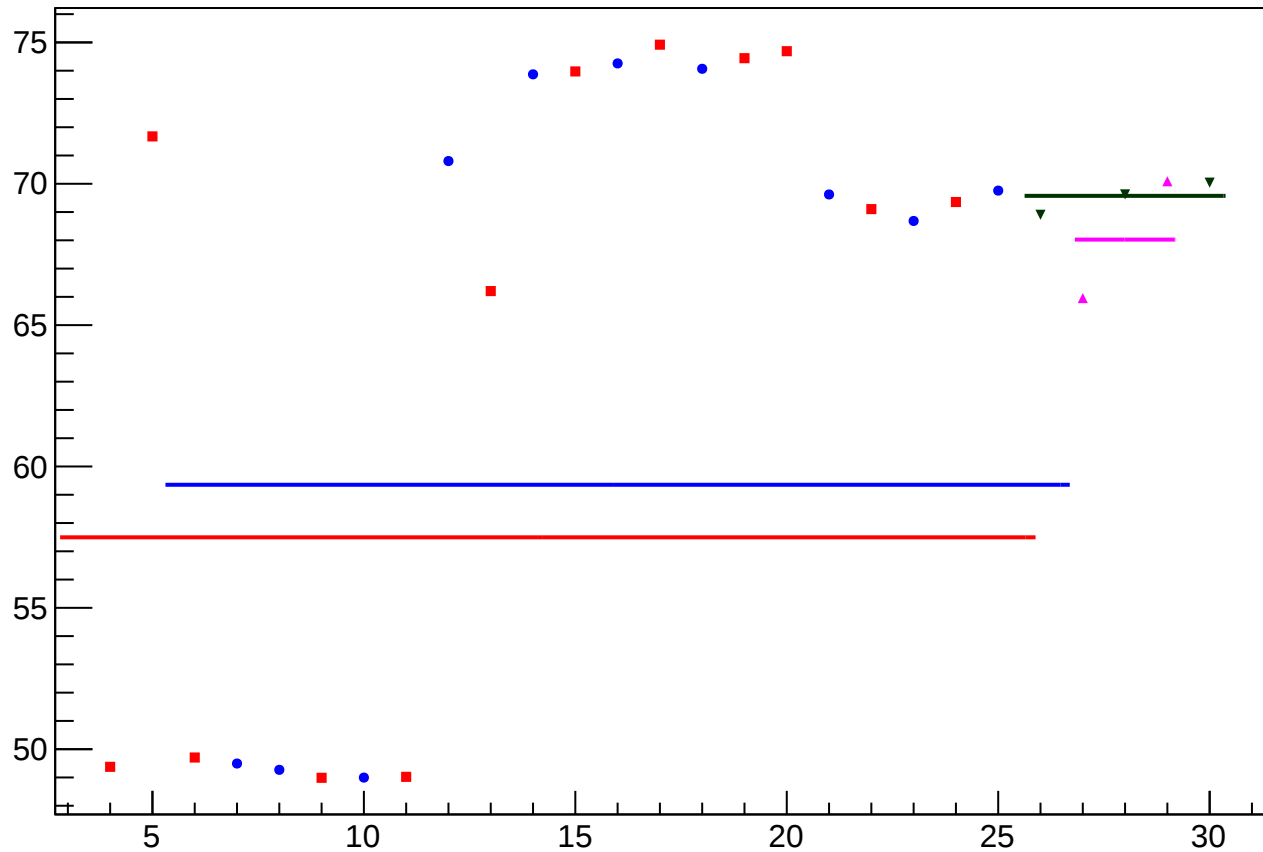
0.002 $\pm$ 0.000 χ^2 /NDF: 10912133.8/12

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

0.001 $\pm$ 0.000 χ^2 /NDF: 9833659.8/13

Left In: 0.176 $\pm$ 0.000 χ^2 /NDF:538.1/1

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.573+/-0.000 χ^2/NDF : 9697282.0/2

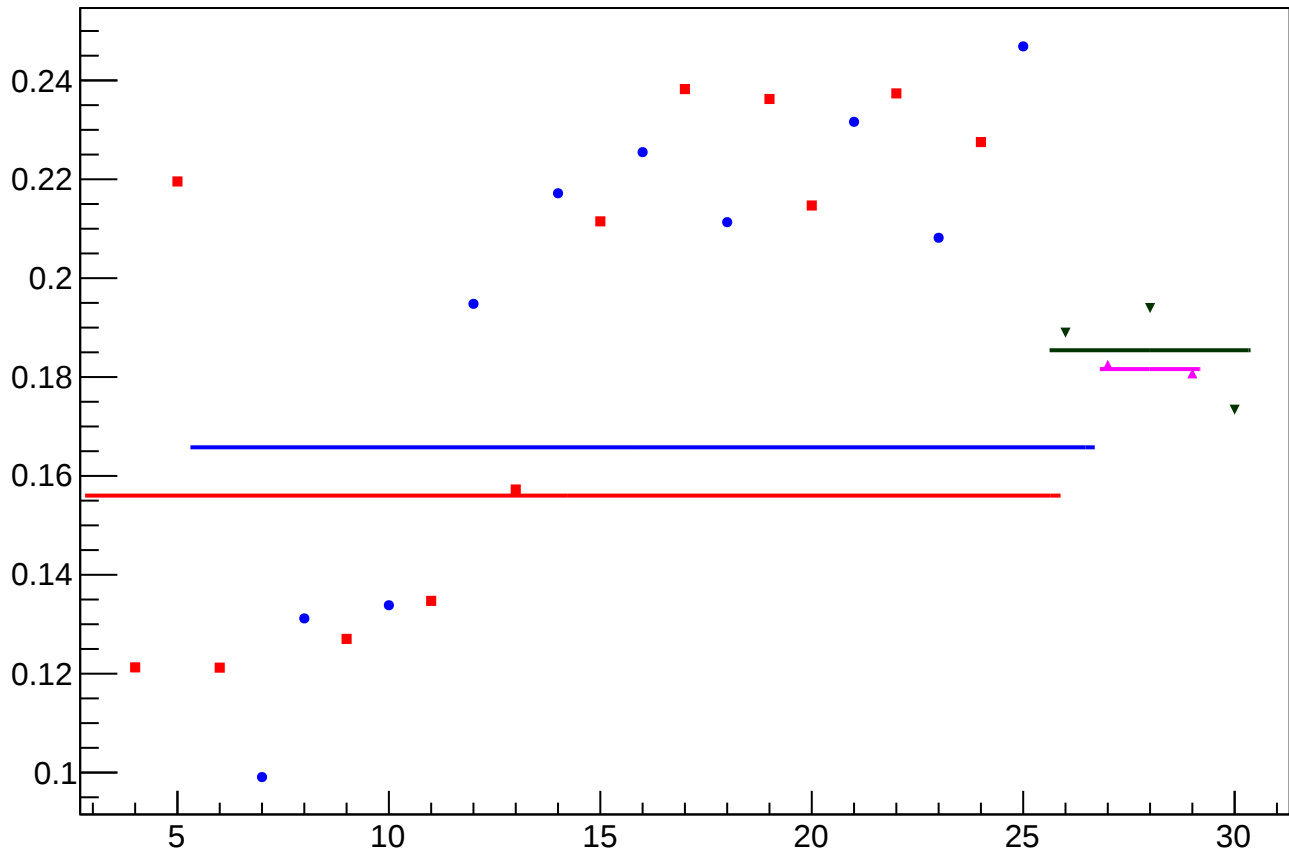
61.286+/-0.000 χ^2/NDF : 31321155581.2/12

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

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

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

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.185+/-0.000 χ^2/NDF : 7922.7/2

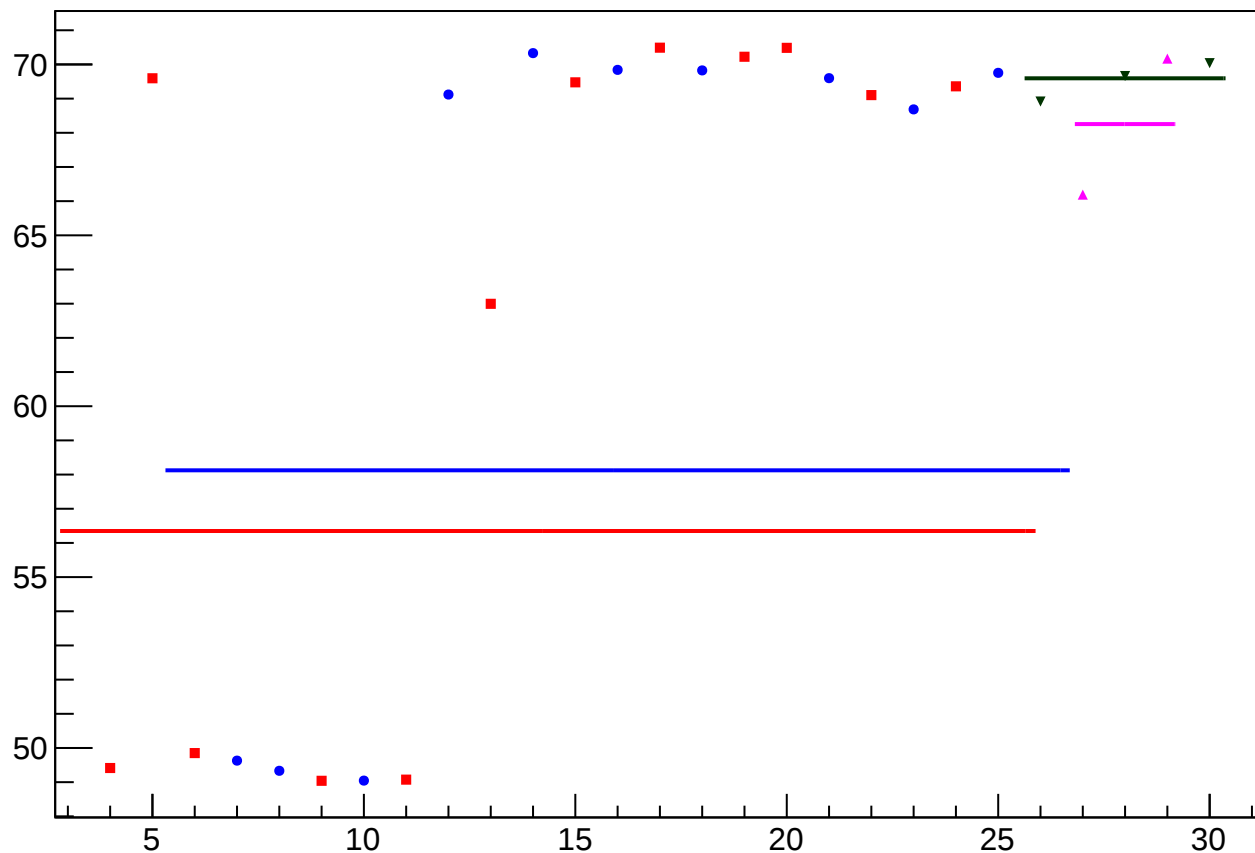
0.169+/-0.000 χ^2/NDF : 951504.1/12

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

0.161+/-0.000 χ^2/NDF : 881309.9/13

Left In: 0.182+/-0.000 χ^2/NDF : 73.2/1

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.594+/-0.000 χ^2/NDF : 10091558.7/2

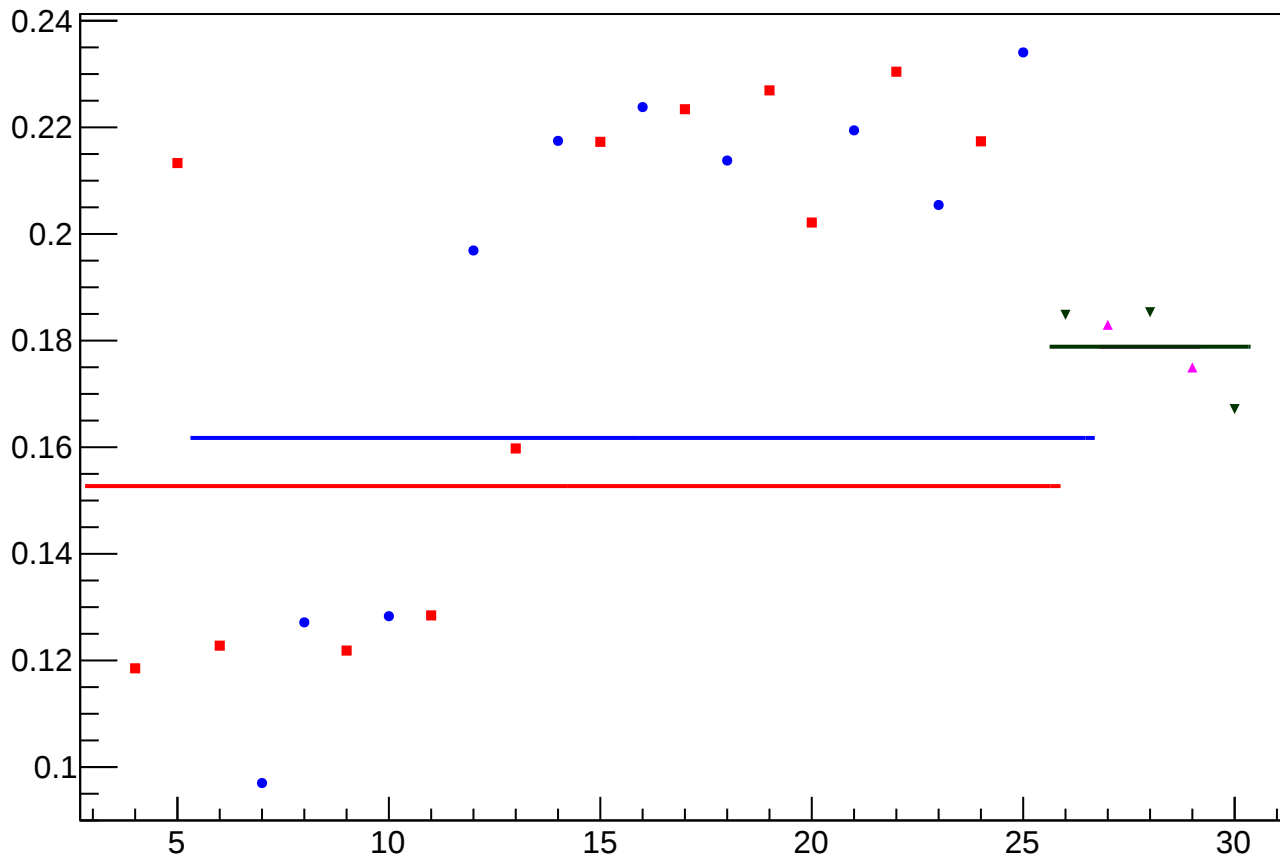
Right Out: 56.349+/-0.000 χ^2/NDF : 19763904601.6/11

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

60.341+/-0.000 χ^2/NDF : 27842948009.7/12

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

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.179+/-0.000 χ^2/NDF : 7680.7/2

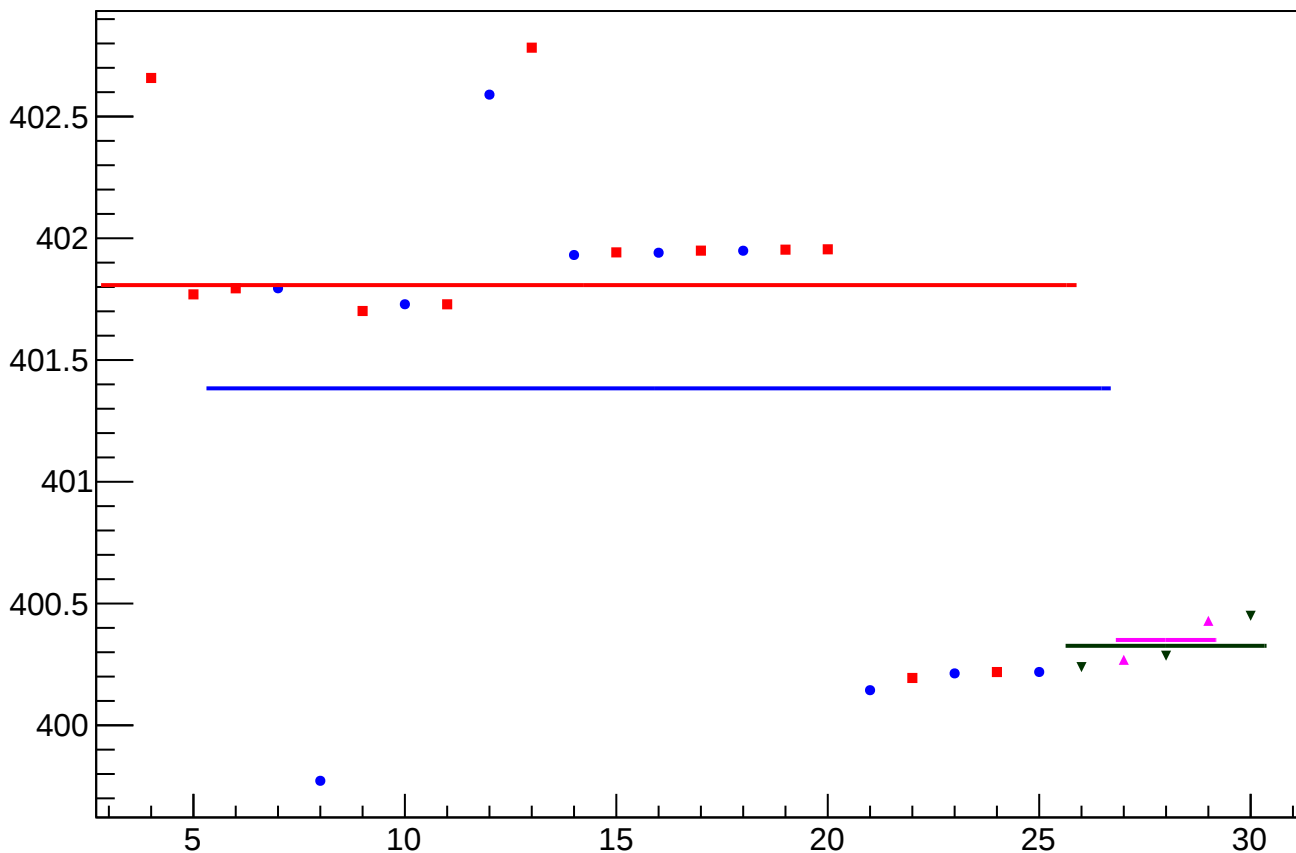
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

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

0.165+/-0.000 χ^2/NDF : 1004687.3/12

0.157+/-0.000 χ^2/NDF : 869080.1/13

yield_cav4bQ_mean vs slug



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

Left Out: 400.326+/-0.000 χ^2/NDF : 276224802.1/2

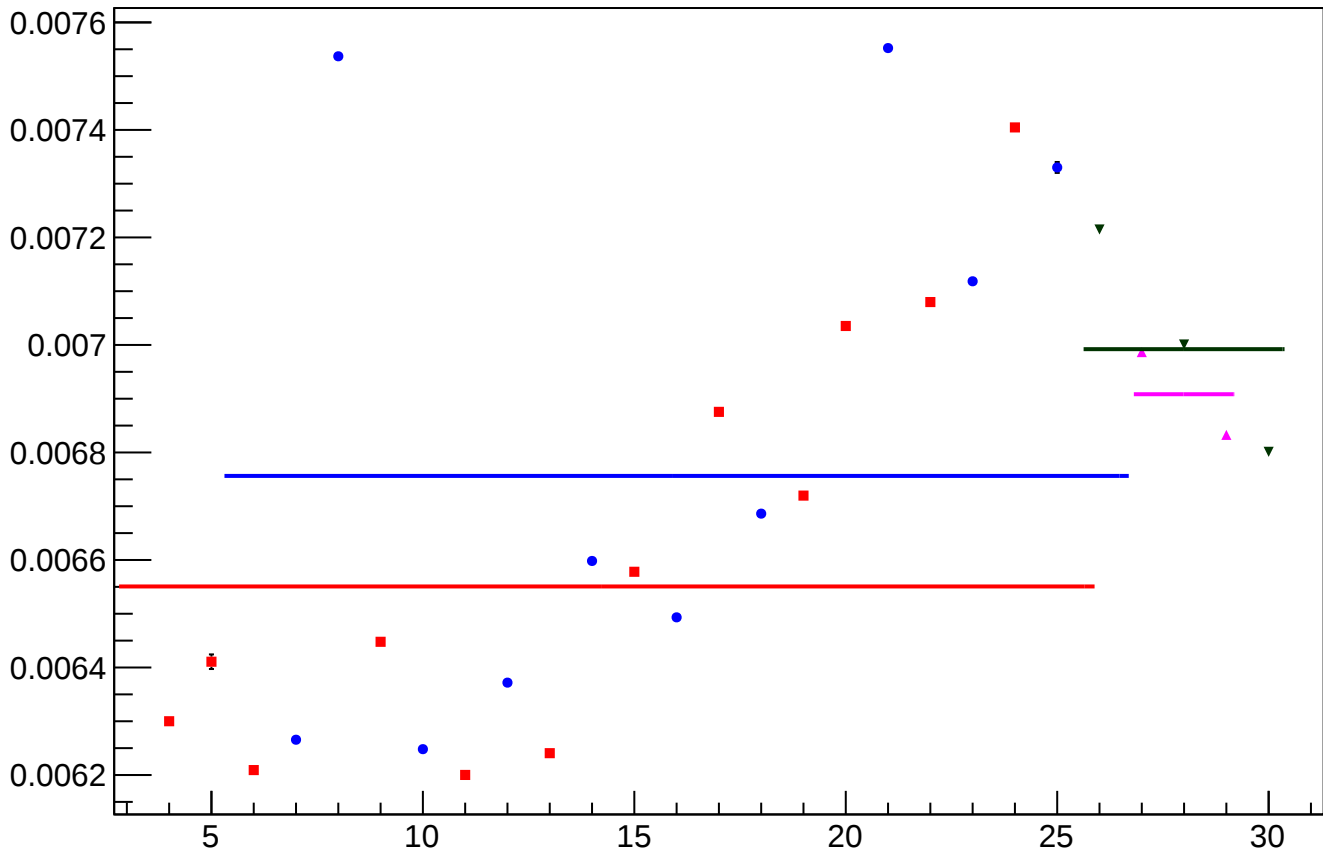
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

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

401.166+/-0.000 χ^2/NDF : 155072897045.2/12

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

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 :1798.1/2

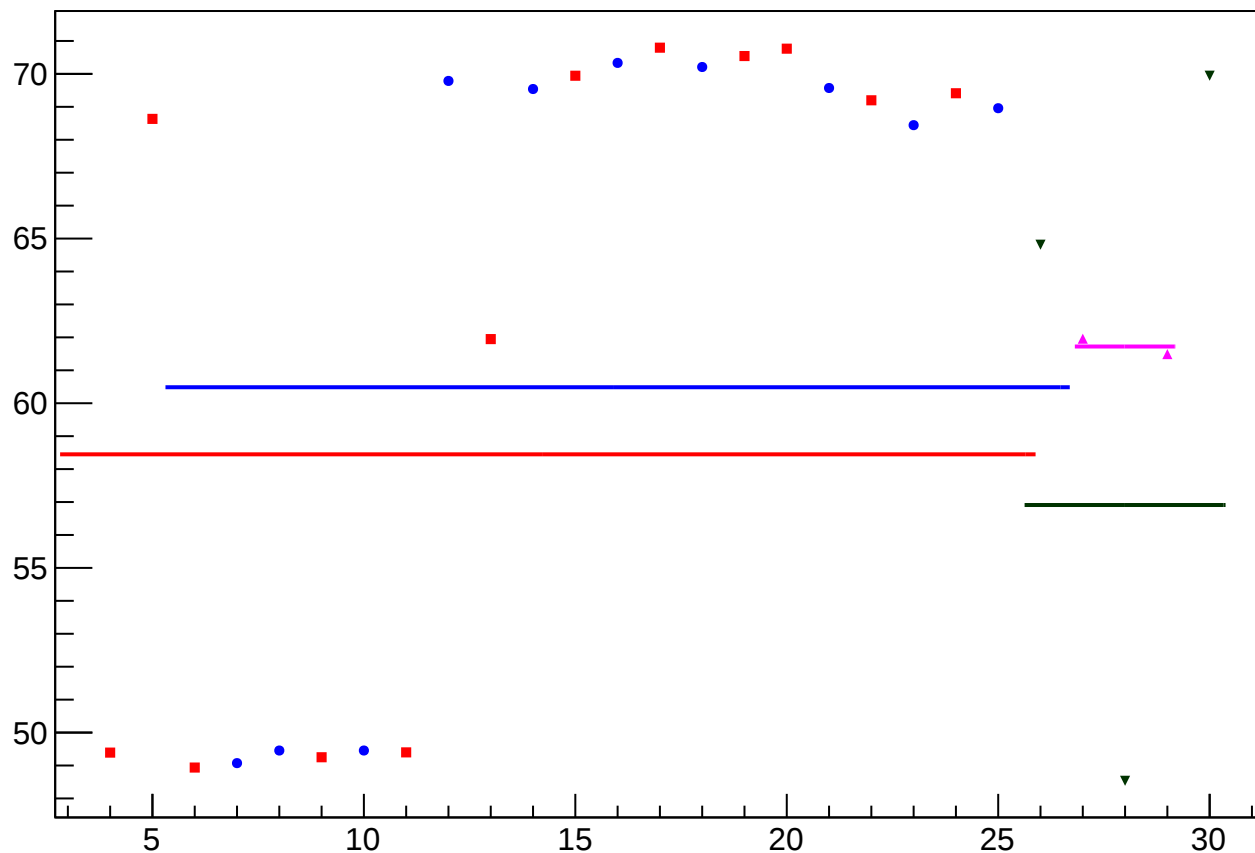
Right Out: 0.007+/-0.000 χ^2/NDF : 42109.3/11

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

0.007+/-0.000 χ^2/NDF : 67999.5/12

0.007+/-0.000 χ^2/NDF : 49897.0/13

yield_cav4cQ_mean vs slug



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

Left Out: 56.910+/-0.000 χ^2/NDF : 4282513171.1/2

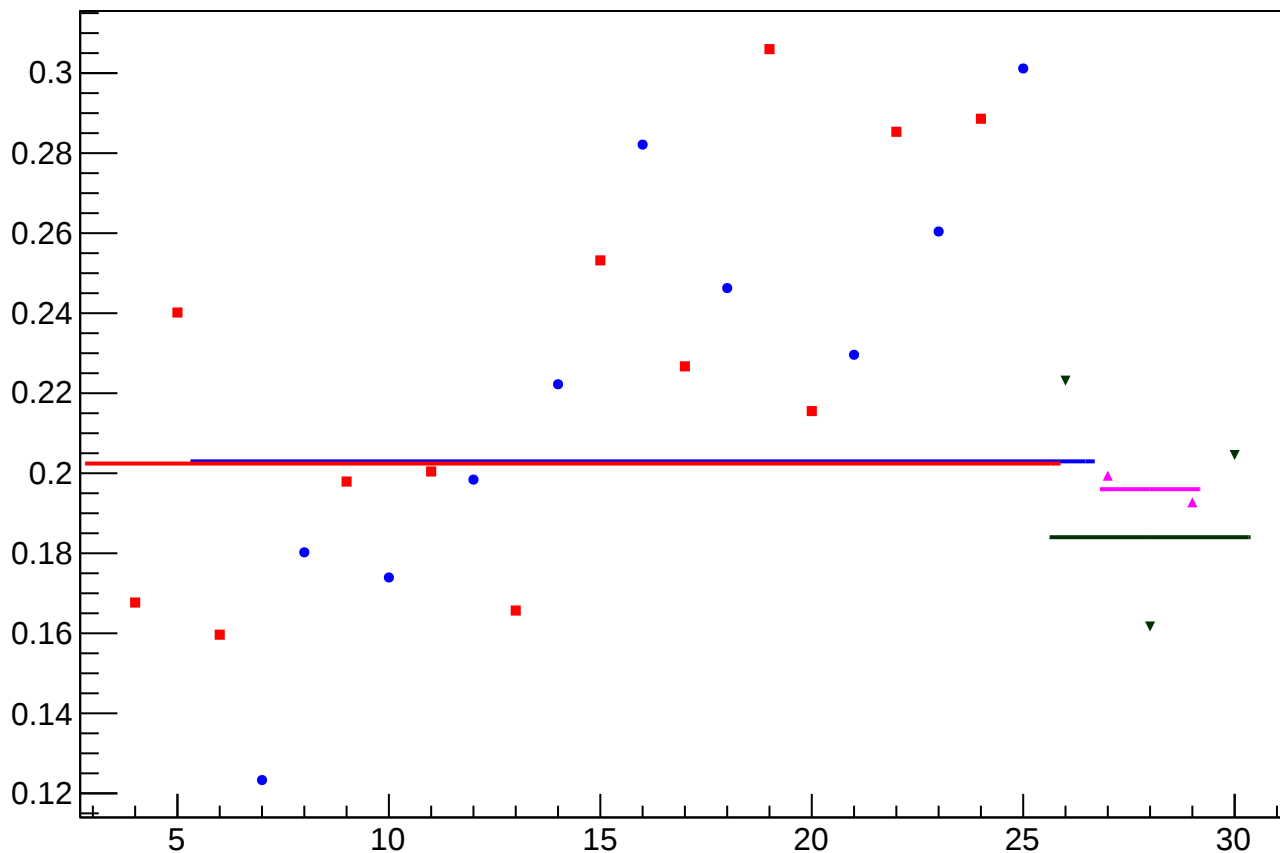
Right Out: 58.449+/-0.000 χ^2/NDF : 11367122273.9/11

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

59.585+/-0.000 χ^2/NDF : 18664062722.2/12

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

yield_cav4cQ_rms vs slug



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

Left Out: 0.184 $\pm$ 0.000 χ^2/NDF : 62389.7/2

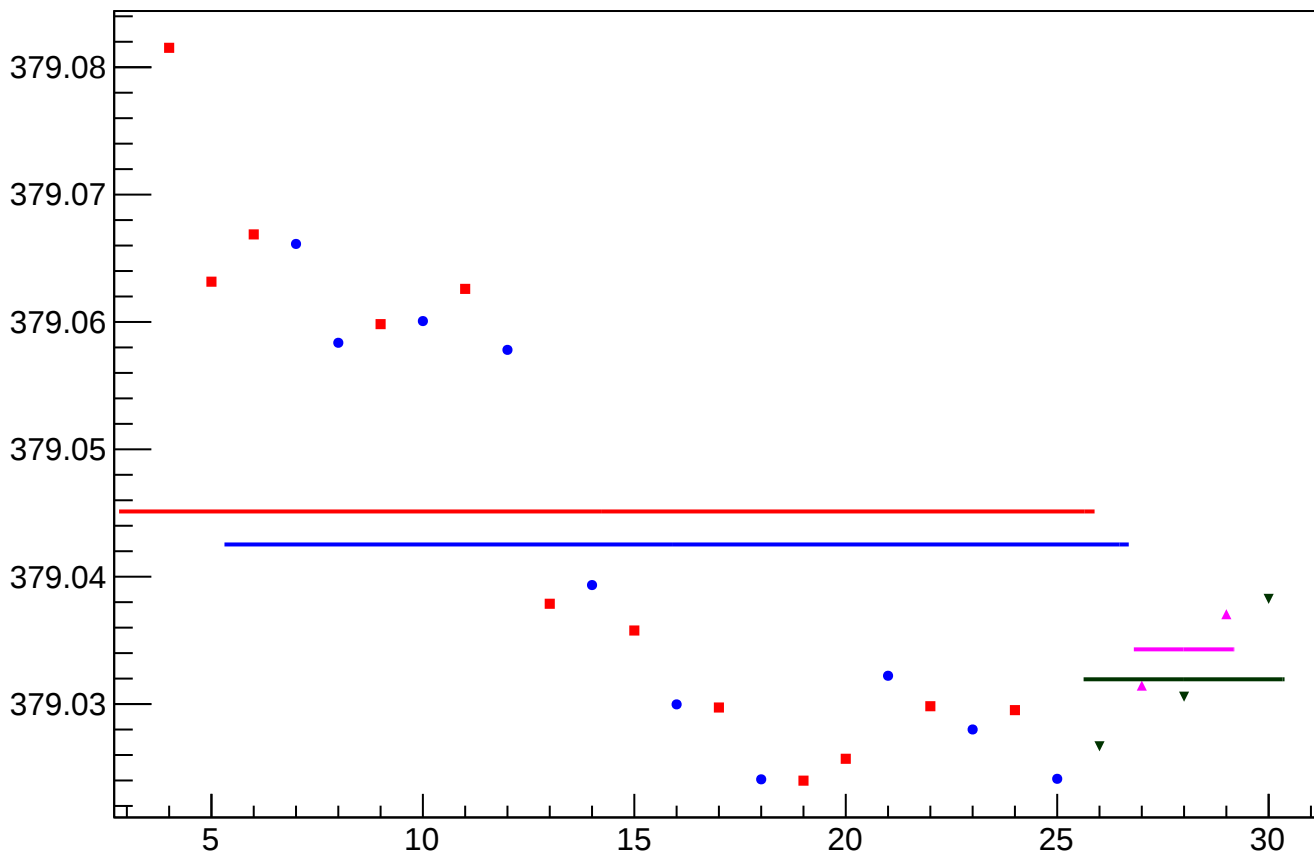
Right Out: 0.202 $\pm$ 0.000 χ^2/NDF : 477643.7/11

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

0.198 $\pm$ 0.000 χ^2/NDF : 596520.2/12

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

yield_cav4dQ_mean vs slug



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

Left Out: 379.032+/-0.000 χ^2/NDF : 788051.9/2

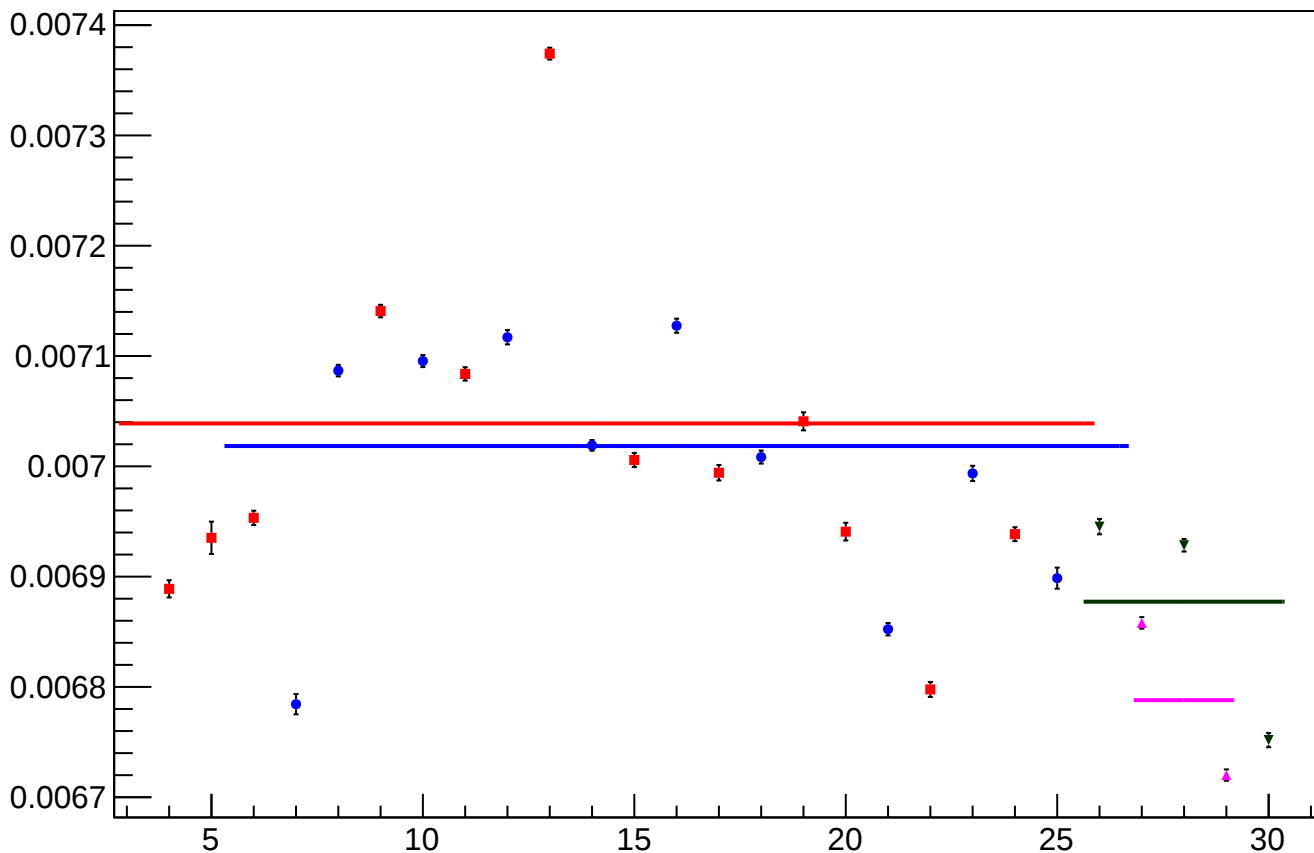
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

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

379.040+/-0.000 χ^2/NDF : 32509276.6/12

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

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:551.5/2

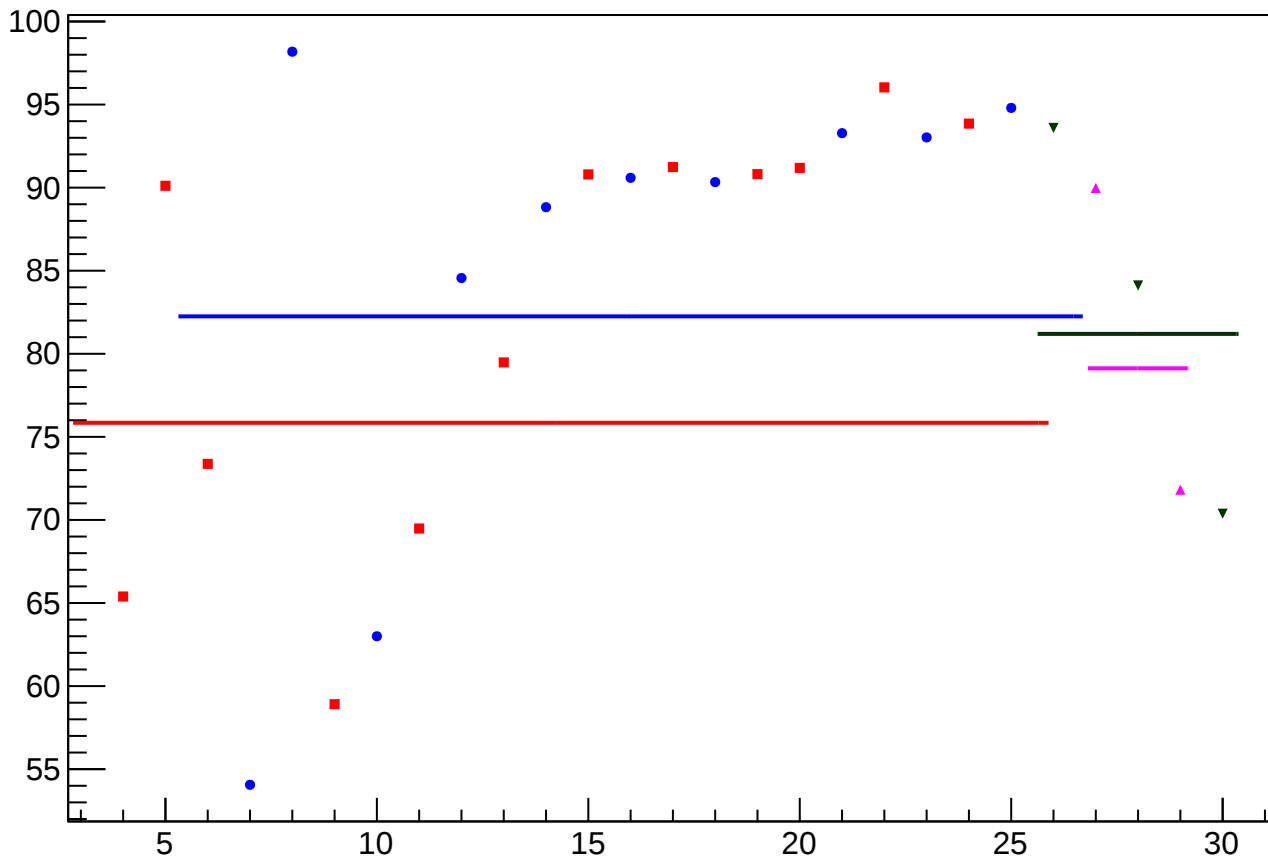
Right Out: 0.007+/-0.000 χ^2 /NDF: 6581.5/11

Left In: 0.007+/-0.000 χ^2 /NDF:352.8/1

0.007+/-0.000 χ^2 /NDF: 4284.8/12

0.007+/-0.000 χ^2 /NDF: 10561.6/13

yield_bcm0l02_mean vs slug



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

Left Out: 81.198+/-0.000 χ^2/NDF :1924022367.1/2

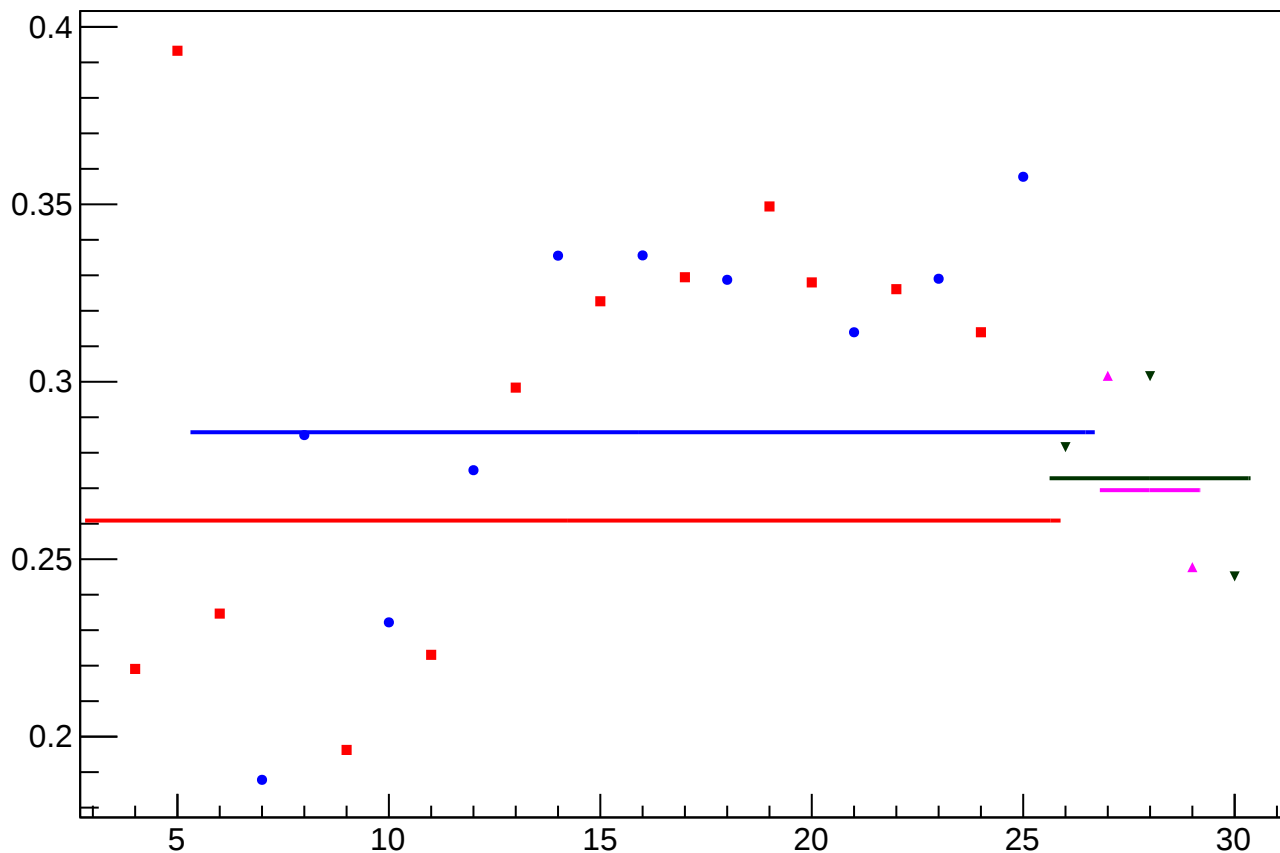
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

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

82.011+/-0.000 χ^2/NDF : 17204318371.1/12

76.544+/-0.000 χ^2/NDF : 15352043211.5/13

yield_bcm0l02_rms vs slug



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

Left Out: 0.273 ± 0.000 χ^2/NDF : 24012.0/2

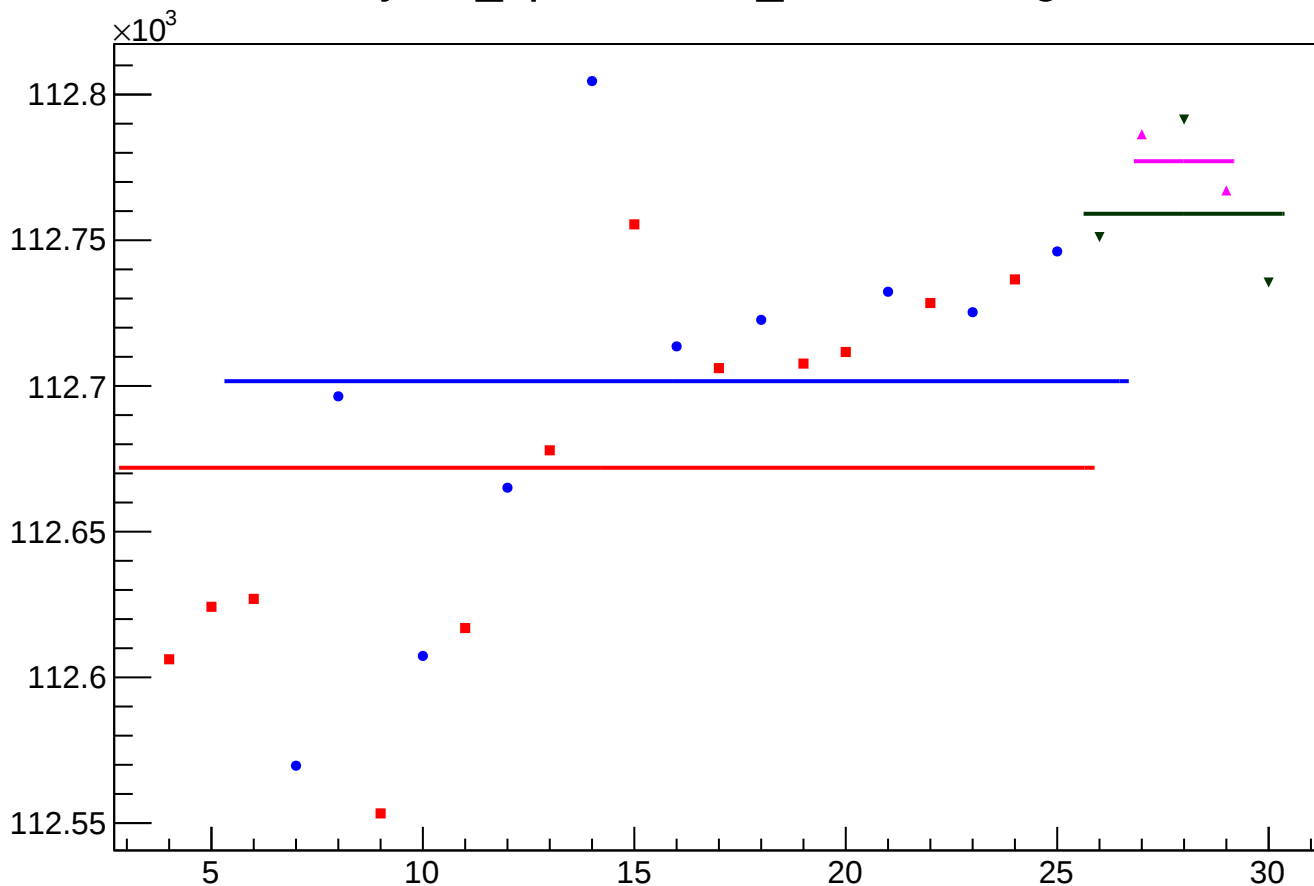
Right Out: 0.261 ± 0.000 χ^2/NDF : 481520.7/11

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

0.283 ± 0.000 χ^2/NDF : 373651.5/12

0.263 ± 0.000 χ^2/NDF : 513756.8/13

yield_bpm2i01WS_mean vs slug



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

Left Out: 112759.086 $\pm$ 0.089 χ^2 /NDF: 70142.0/2

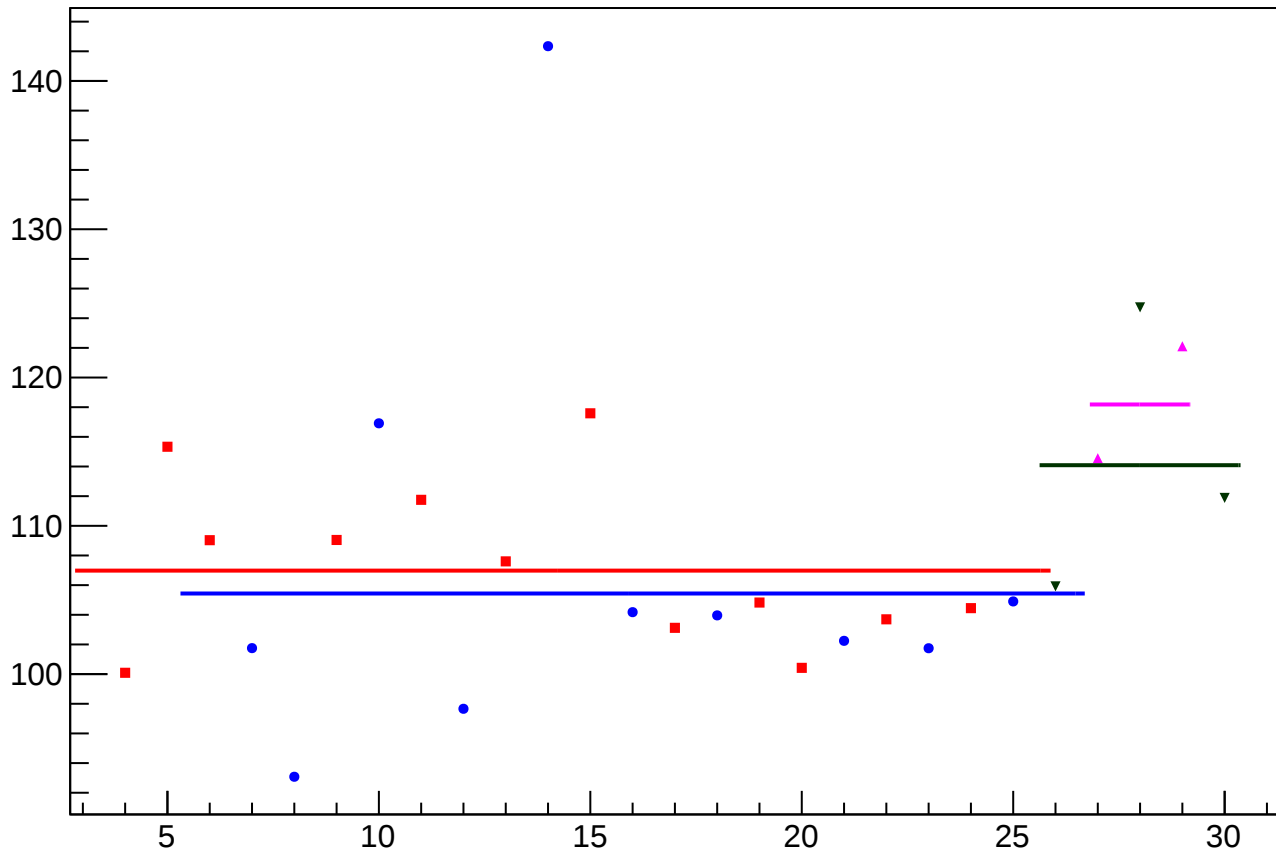
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

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

112712.365 $\pm$ 0.038 χ^2 /NDF: 2110210.3/12

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

yield_bpm2i01WS_rms vs slug



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

Left Out: 114.088 $\pm$ 0.063 χ^2 /NDF: 15597.0/2

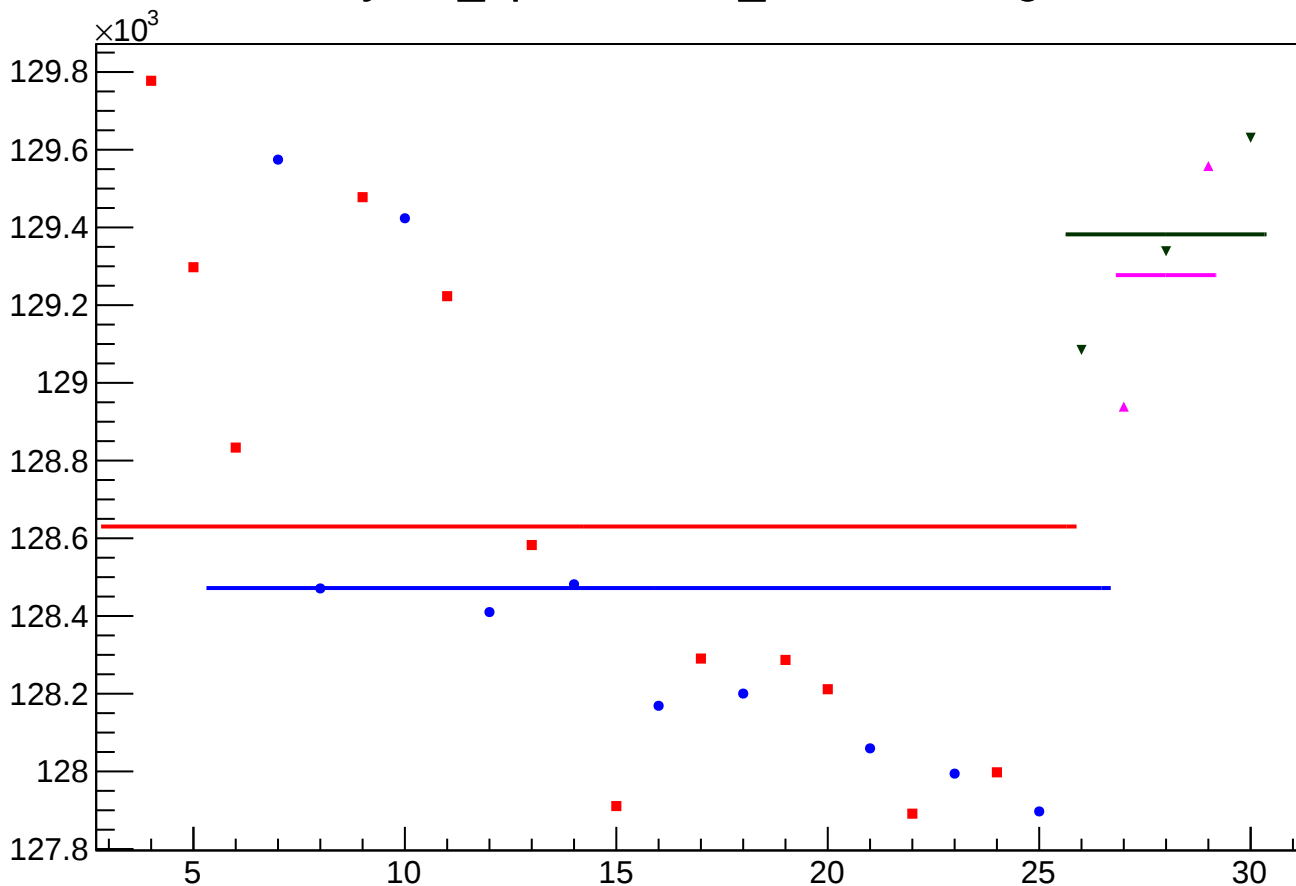
Right Out: 106.980 $\pm$ 0.031 χ^2 /NDF: 22698.2/11

Left In: 118.183 $\pm$ 0.066 χ^2 /NDF: 3228.9/1

107.052 $\pm$ 0.027 χ^2 /NDF: 219437.4/12

108.955 $\pm$ 0.028 χ^2 /NDF: 49395.0/13

yield_bpm0i07WS_mean vs slug



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

Left Out: 129382.180 $\pm$ 0.159 χ^2 /NDF: 1774913.5/2

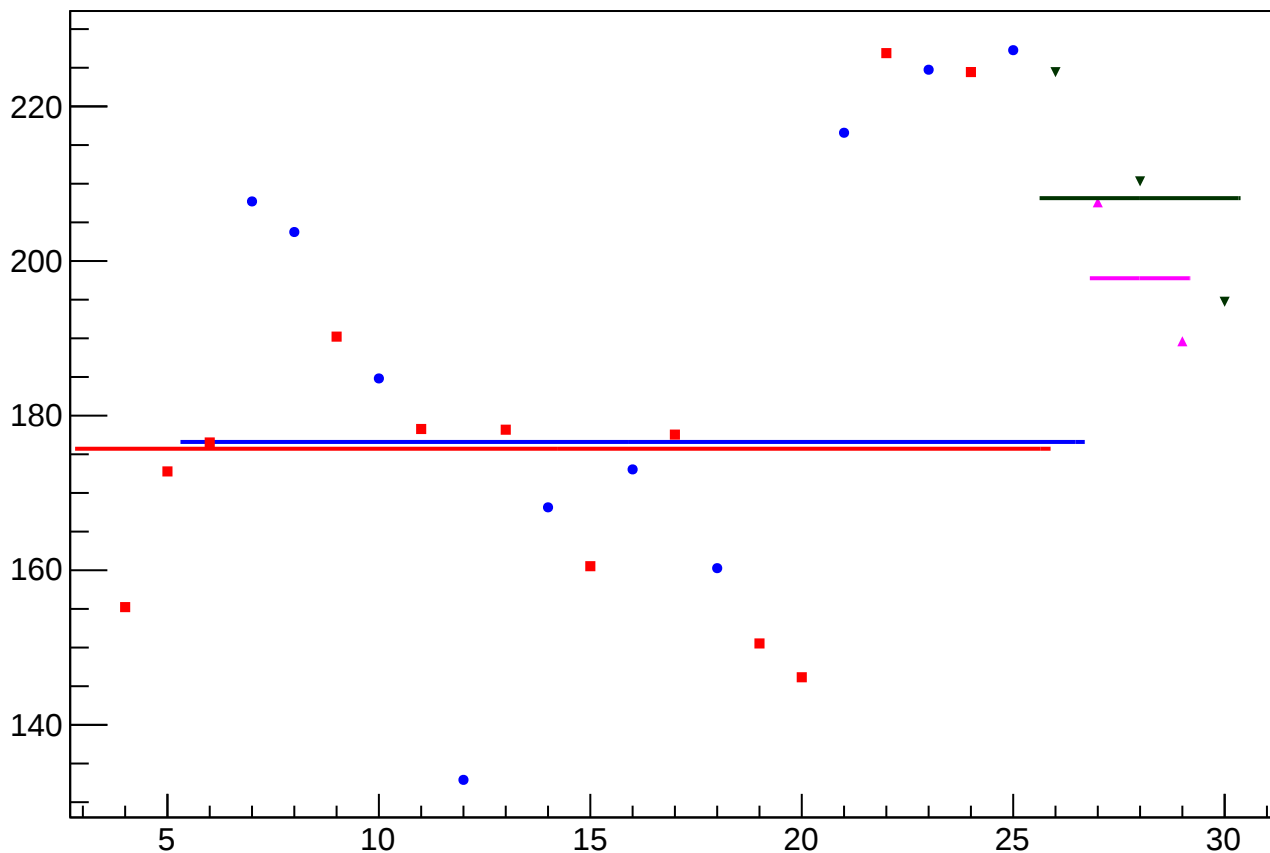
128622.499 $\pm$ 0.065 χ^2 /NDF: 68381939.2/12

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

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

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

yield_bpm0i07WS_rms vs slug



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

Left Out: 208.133 $\pm$ 0.113 χ^2 /NDF:10454.3/2

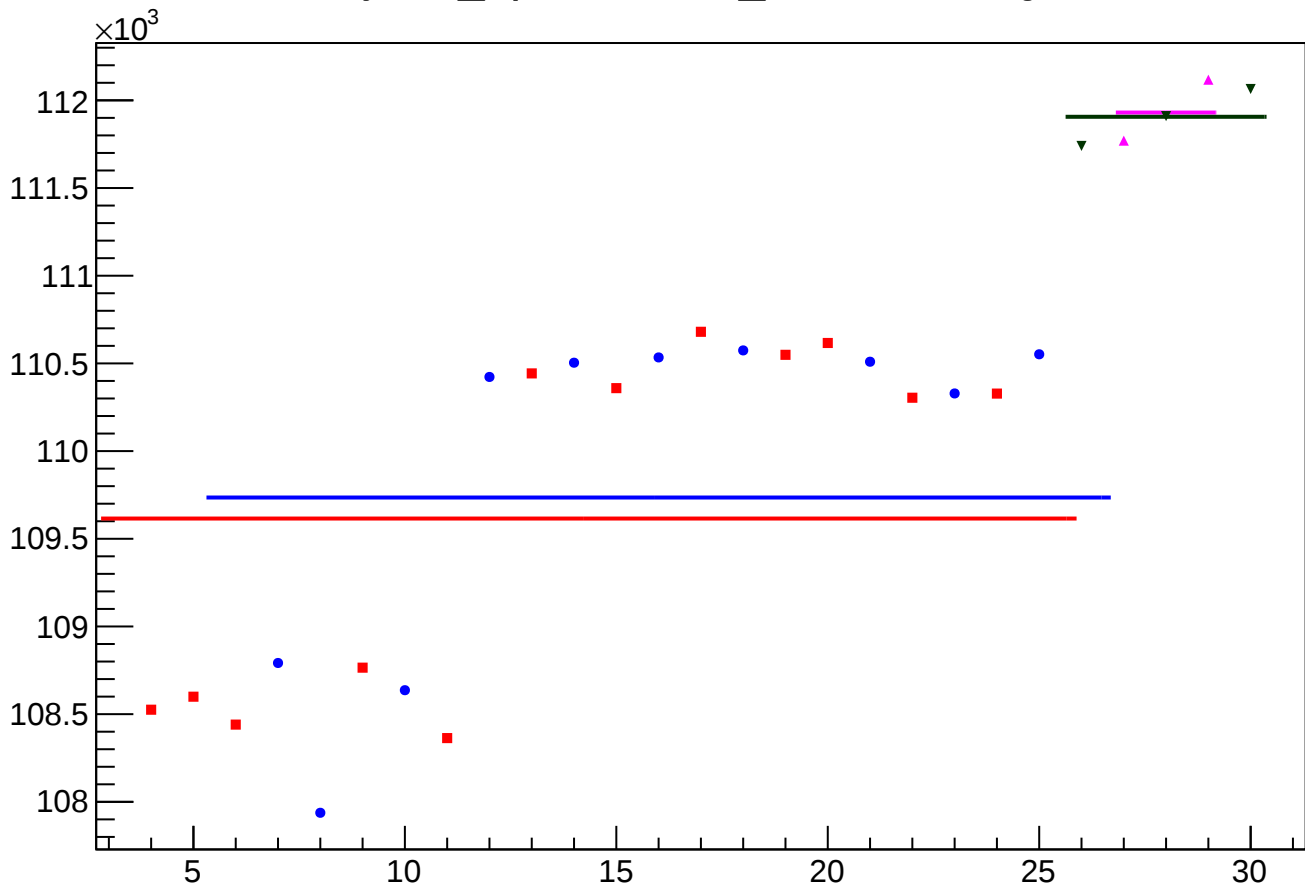
Right Out: 175.718 $\pm$ 0.050 χ^2 /NDF: 188443.6/11

Left In: 197.773 $\pm$ 0.108 χ^2 /NDF:6917.1/1

181.814 $\pm$ 0.046 χ^2 /NDF: 392524.3/12

179.668 $\pm$ 0.046 χ^2 /NDF: 229851.4/13

yield_bpm0l01WS_mean vs slug



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

Left Out: 111906.189 $\pm$ 0.085 χ^2/NDF : 2216316.0/2

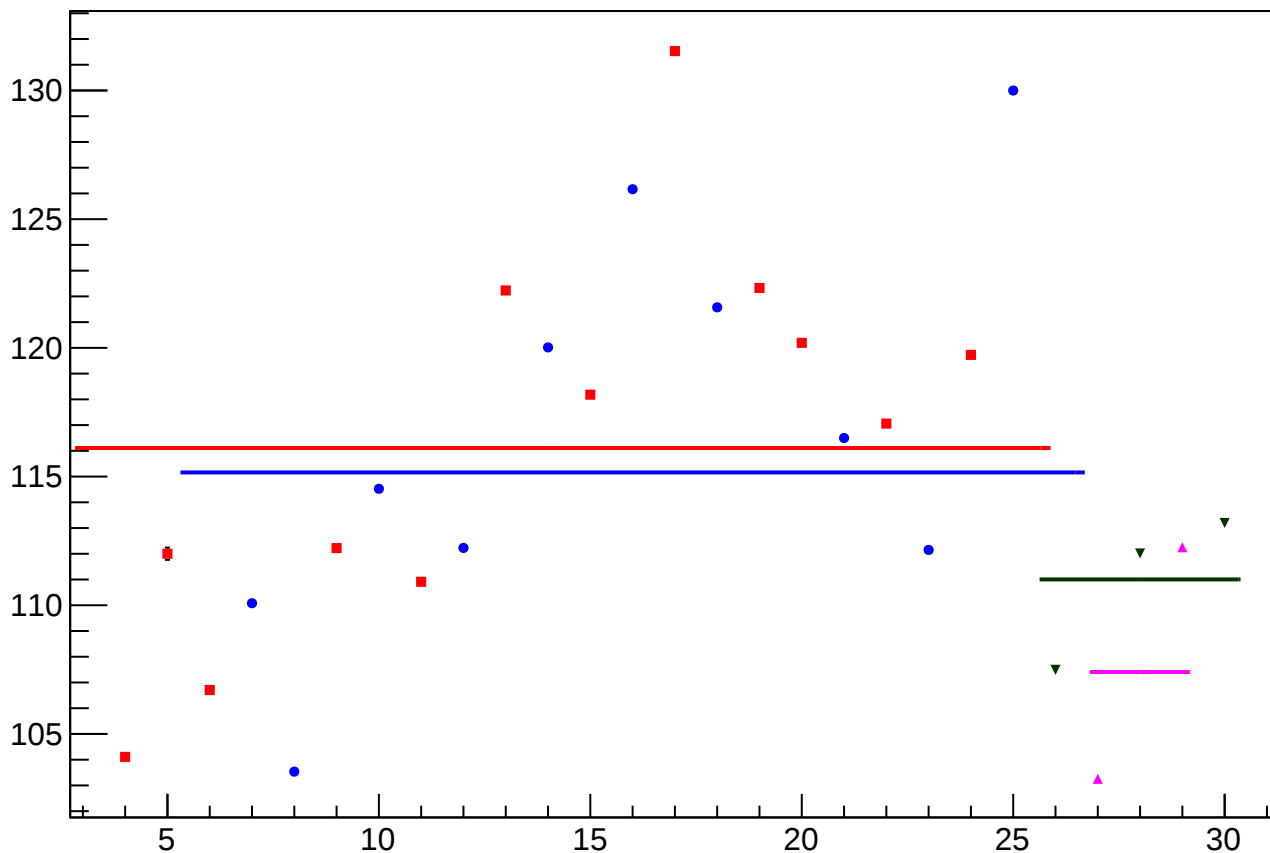
110218.499 $\pm$ 0.040 χ^2/NDF : 1041524674.8/12

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

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

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

yield_bpm0l01WS_rms vs slug



Right In: 115.160+/-0.032 χ^2/NDF : 48108.4/9

Left Out: 111.004+/-0.060 χ^2/NDF :1544.1/2

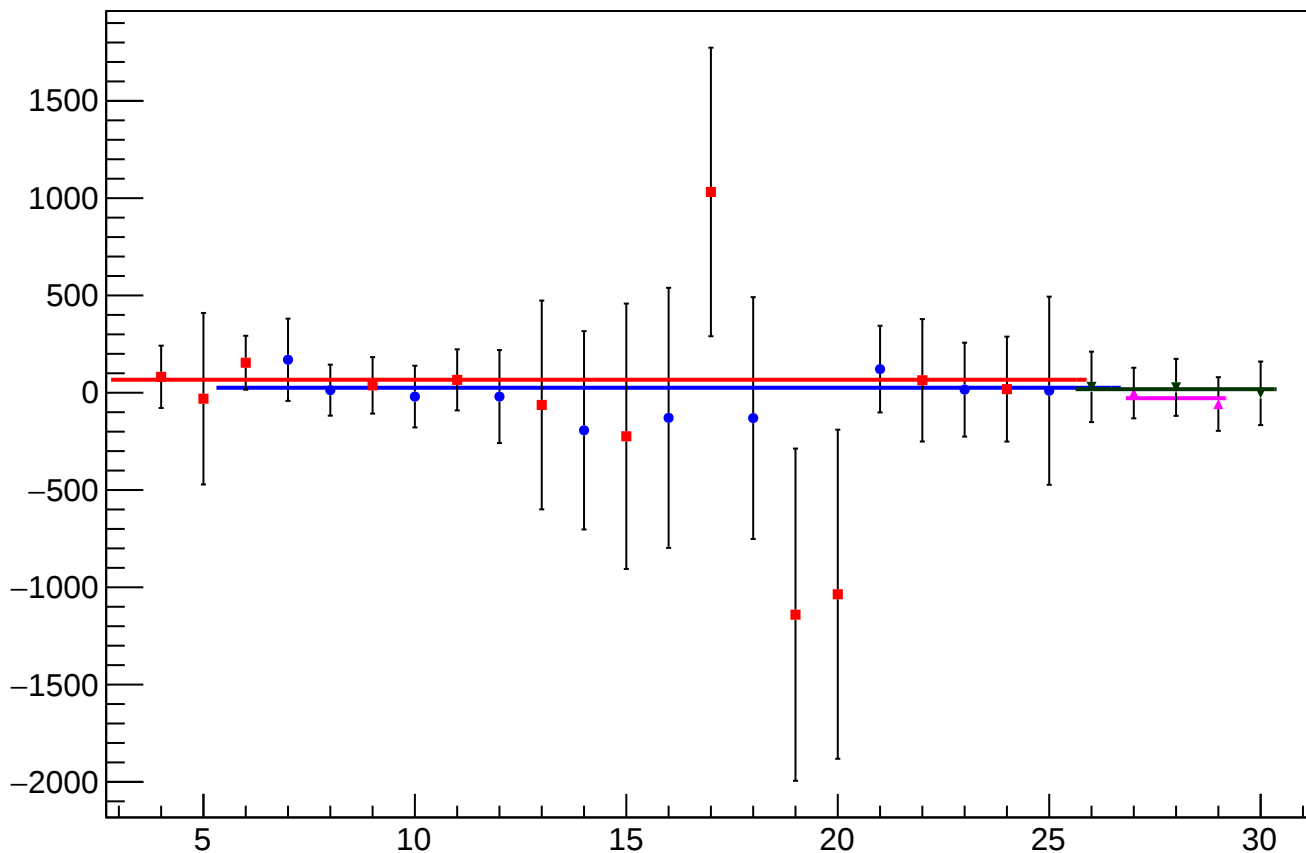
114.235+/-0.028 χ^2/NDF : 53334.4/12

Right Out: 116.109+/-0.033 χ^2/NDF : 44081.8/11

114.005+/-0.029 χ^2/NDF : 66710.8/13

Left In: 107.406+/-0.059 χ^2/NDF :5866.6/1

asym_bcm_an_ds_mean vs slug



Right In: 25.622 +/- 72.900 $\chi^2/\text{NDF}: 1.1/9$

Left Out: 18.289 +/- 93.407 $\chi^2/\text{NDF}: 0.0/2$

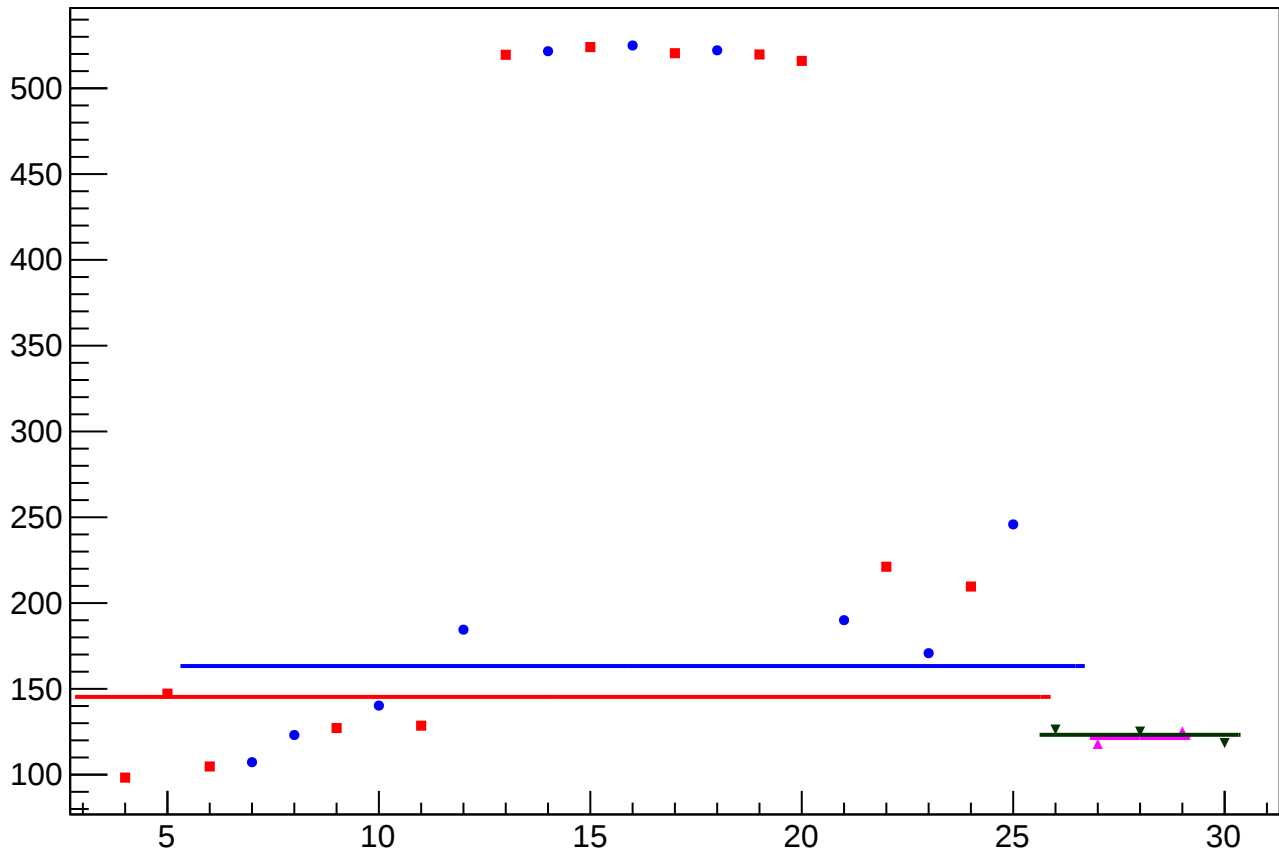
Right Out: 66.920 +/- 67.669 $\chi^2/\text{NDF}: 6.2/11$

Left In: -28.094 +/- 94.562 $\chi^2/\text{NDF}: 0.1/1$

22.846 +/- 57.469 $\chi^2/\text{NDF}: 1.1/12$

34.743 +/- 55.030 $\chi^2/\text{NDF}: 6.9/13$

asym_bcm_an_ds_rms vs slug



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

Left Out: 123.226+/-0.066 χ^2/NDF : 2636.0/2

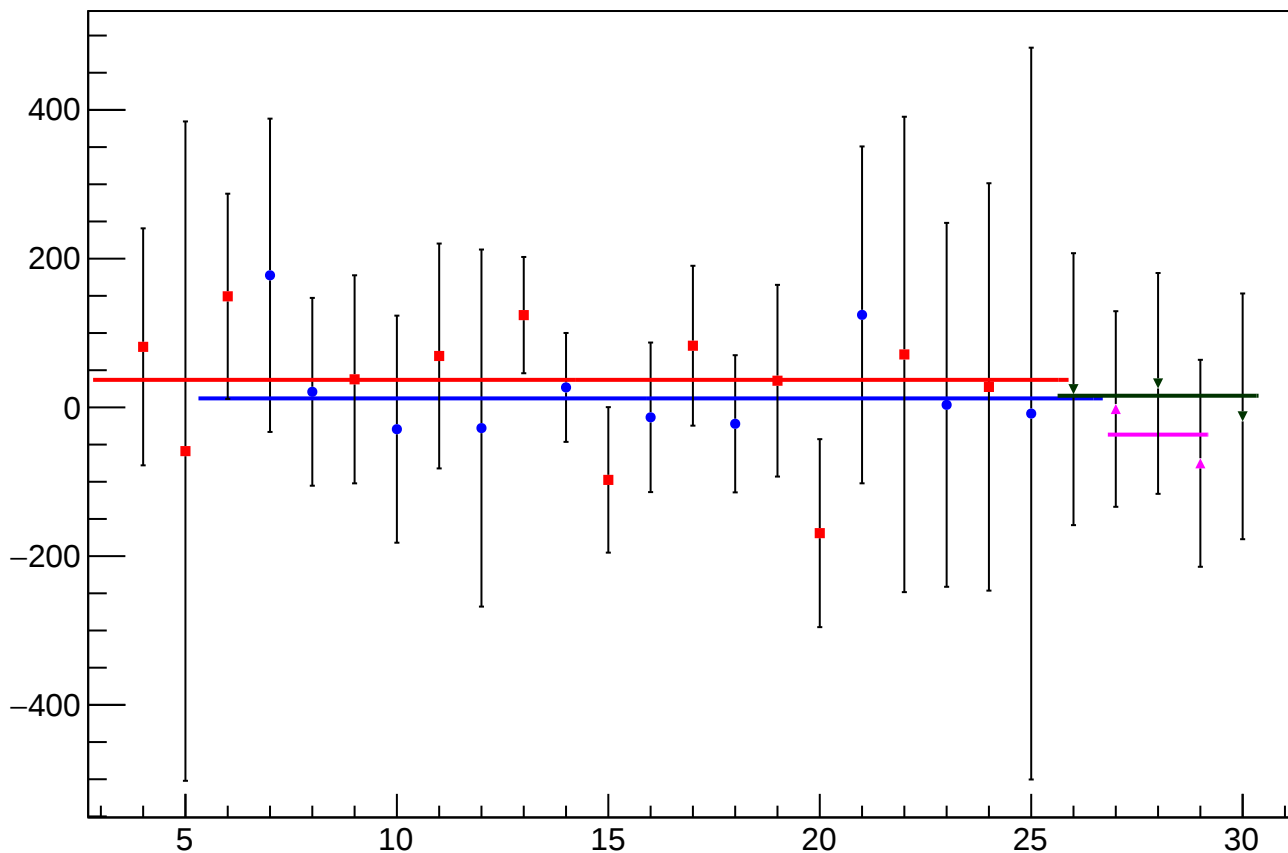
148.129+/-0.041 χ^2/NDF : 2947420.1/12

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

137.199+/-0.039 χ^2/NDF : 3586373.9/13

Left In: 121.341+/-0.067 χ^2/NDF : 2932.4/1

asym_bcm_an_ds3_mean vs slug



Right In: 12.098 ± 41.208 $\chi^2/\text{NDF}: 1.2/9$

Left Out: 15.679 ± 94.521 $\chi^2/\text{NDF}: 0.0/2$

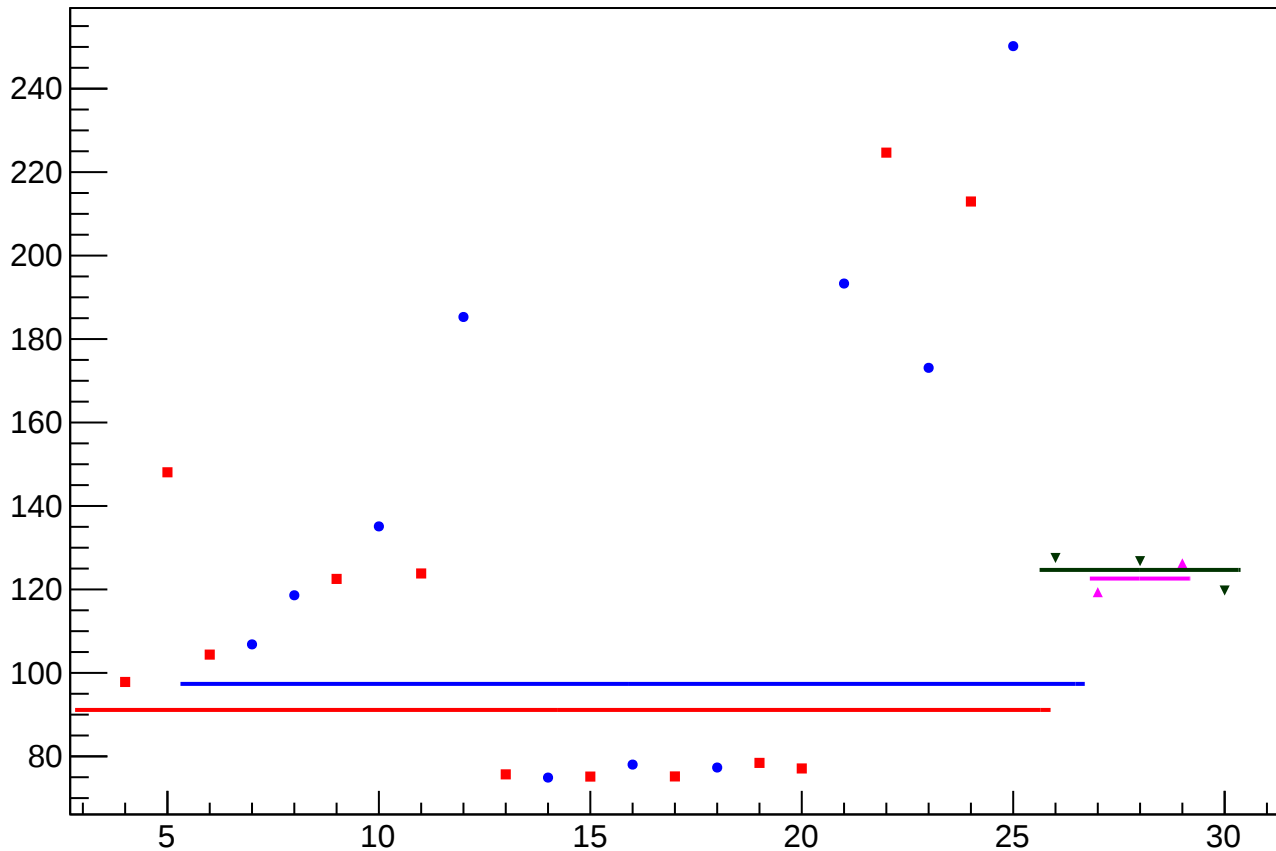
Right Out: 37.031 ± 38.001 $\chi^2/\text{NDF}: 6.8/11$

Left In: -36.616 ± 95.580 $\chi^2/\text{NDF}: 0.1/1$

12.670 ± 37.774 $\chi^2/\text{NDF}: 1.3/12$

26.978 ± 35.313 $\chi^2/\text{NDF}: 7.5/13$

asym_bcm_an_ds3_rms vs slug



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

Left Out: 124.679+/-0.067 χ^2/NDF : 2673.0/2

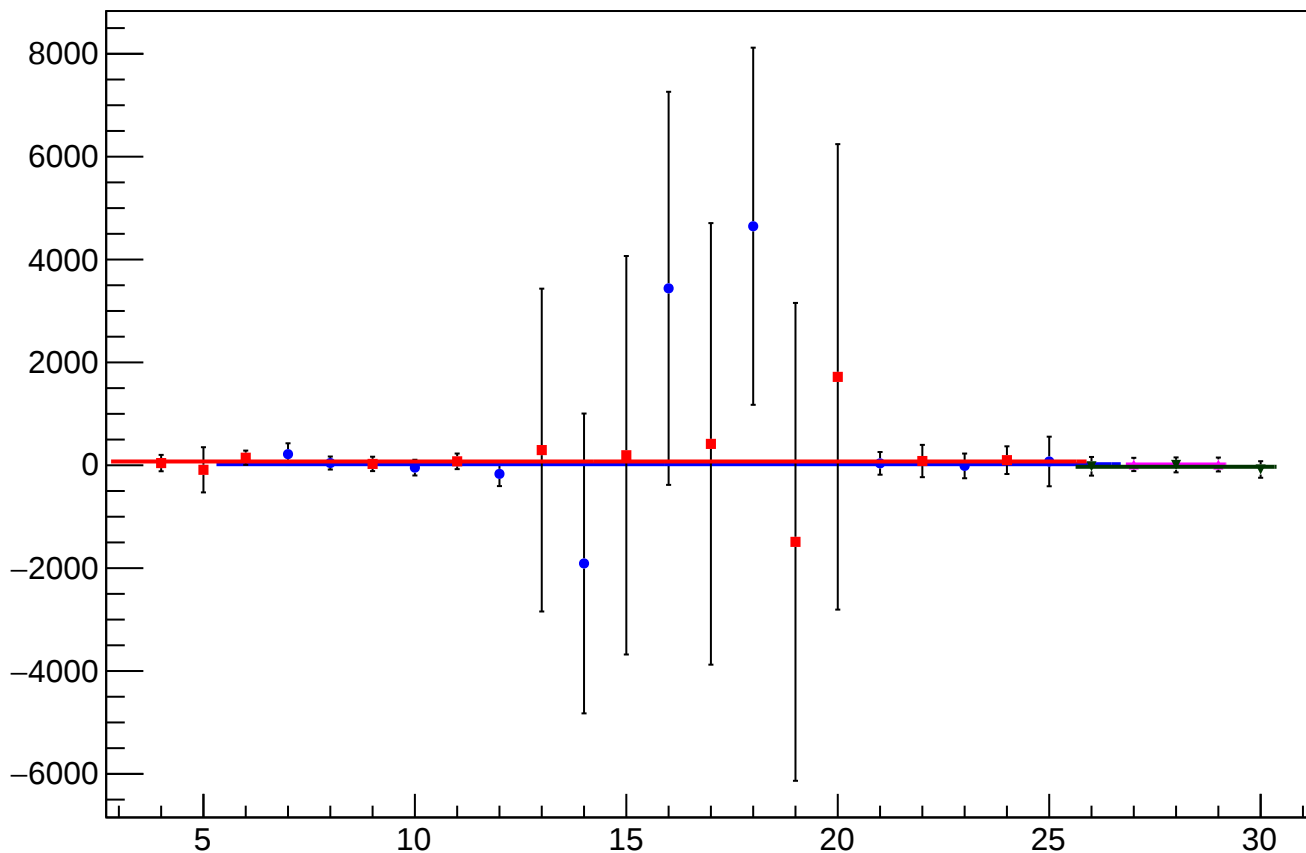
101.728+/-0.027 χ^2/NDF : 1694048.7/12

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

95.423+/-0.025 χ^2/NDF : 1403483.5/13

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

asym_bcm_an_us_mean vs slug



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

Left Out: -29.260+/-92.761 χ^2/NDF : 0.2/2

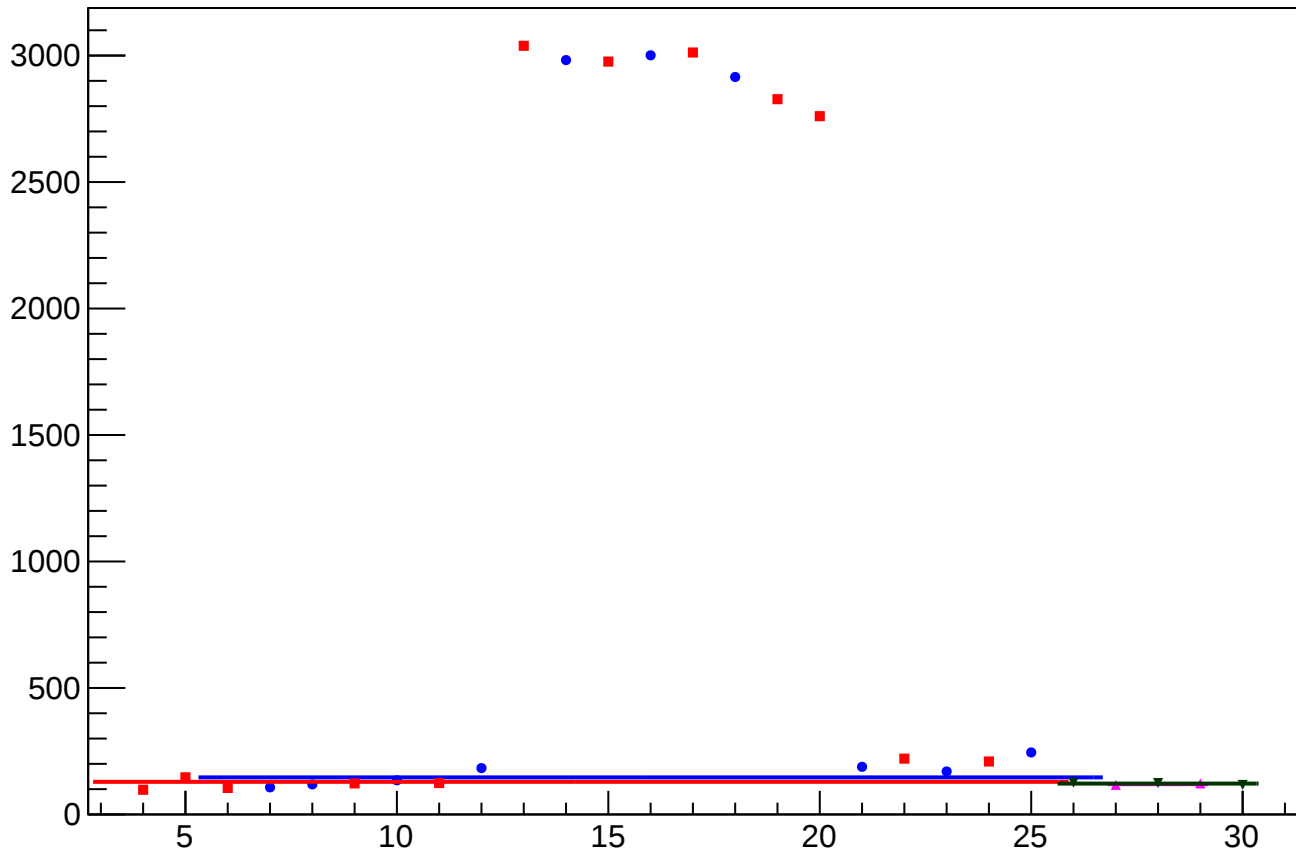
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

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

1.743+/-57.349 χ^2/NDF : 5.1/12

53.570+/-55.012 χ^2/NDF : 1.1/13

asym_bcm_an_us_rms vs slug



Right In: 146.572+/-0.052 χ^2/NDF : 4679005.5/9

Left Out: 122.035+/-0.066 χ^2/NDF :3428.8/2

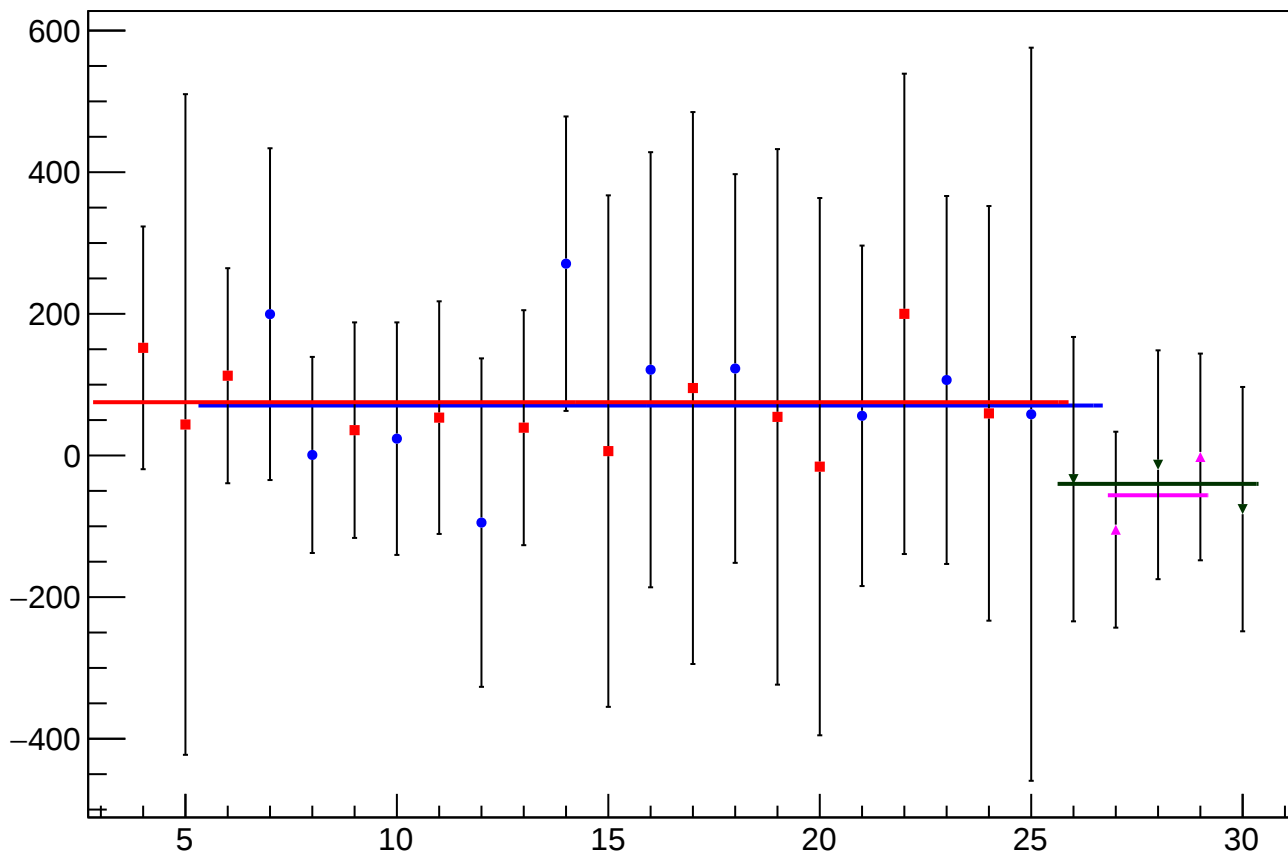
137.194+/-0.041 χ^2/NDF : 4768885.1/12

Right Out: 128.952+/-0.048 χ^2/NDF : 5549811.0/11

125.740+/-0.039 χ^2/NDF : 5564554.6/13

Left In: 119.708+/-0.066 χ^2/NDF :1940.9/1

asym_bcm_dg_us_mean vs slug



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

Left Out: -40.086+/-101.688 χ^2/NDF : 0.1/2

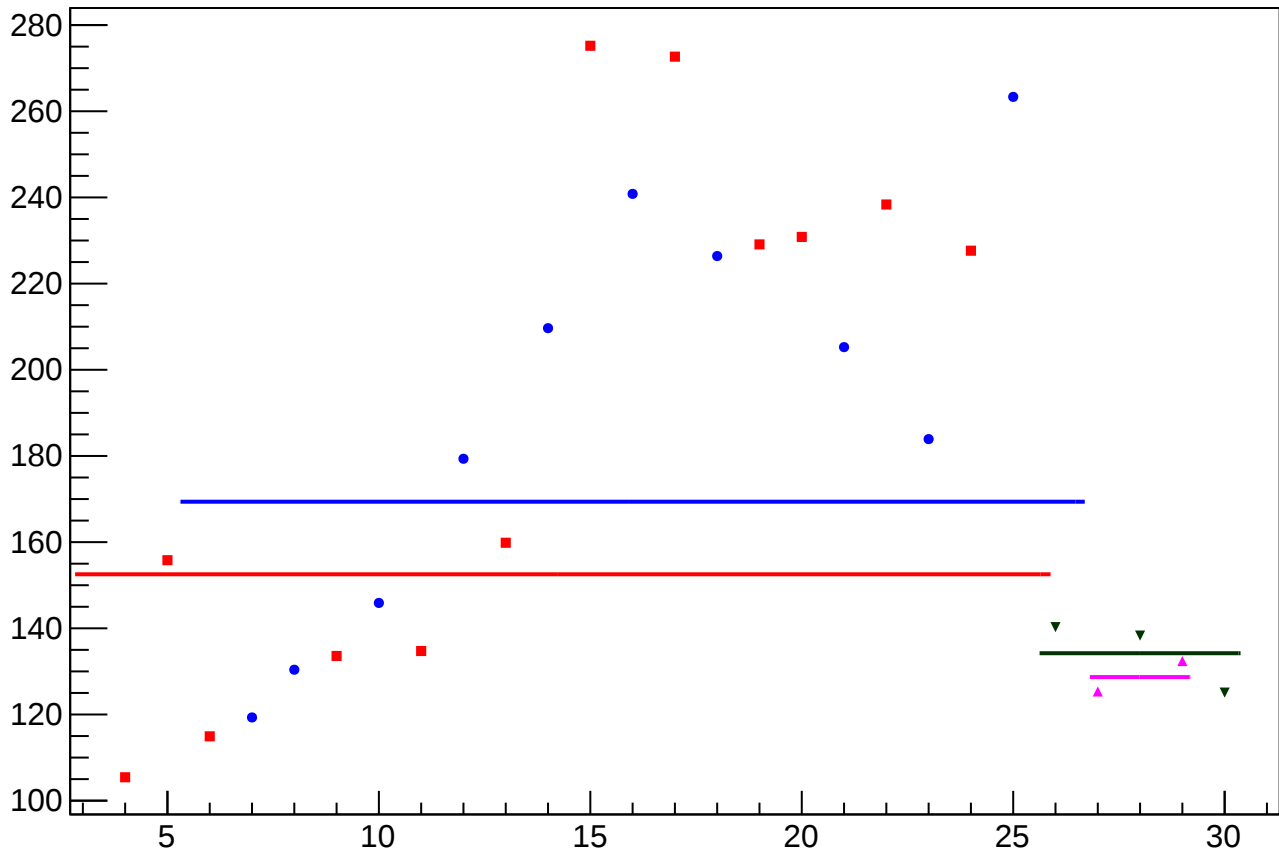
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

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

35.543+/-57.198 χ^2/NDF : 3.0/12

37.591+/-53.732 χ^2/NDF : 2.1/13

asym_bcm_dg_us_rms vs slug



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

Left Out: 134.221+/-0.072 χ^2/NDF : 8714.6/2

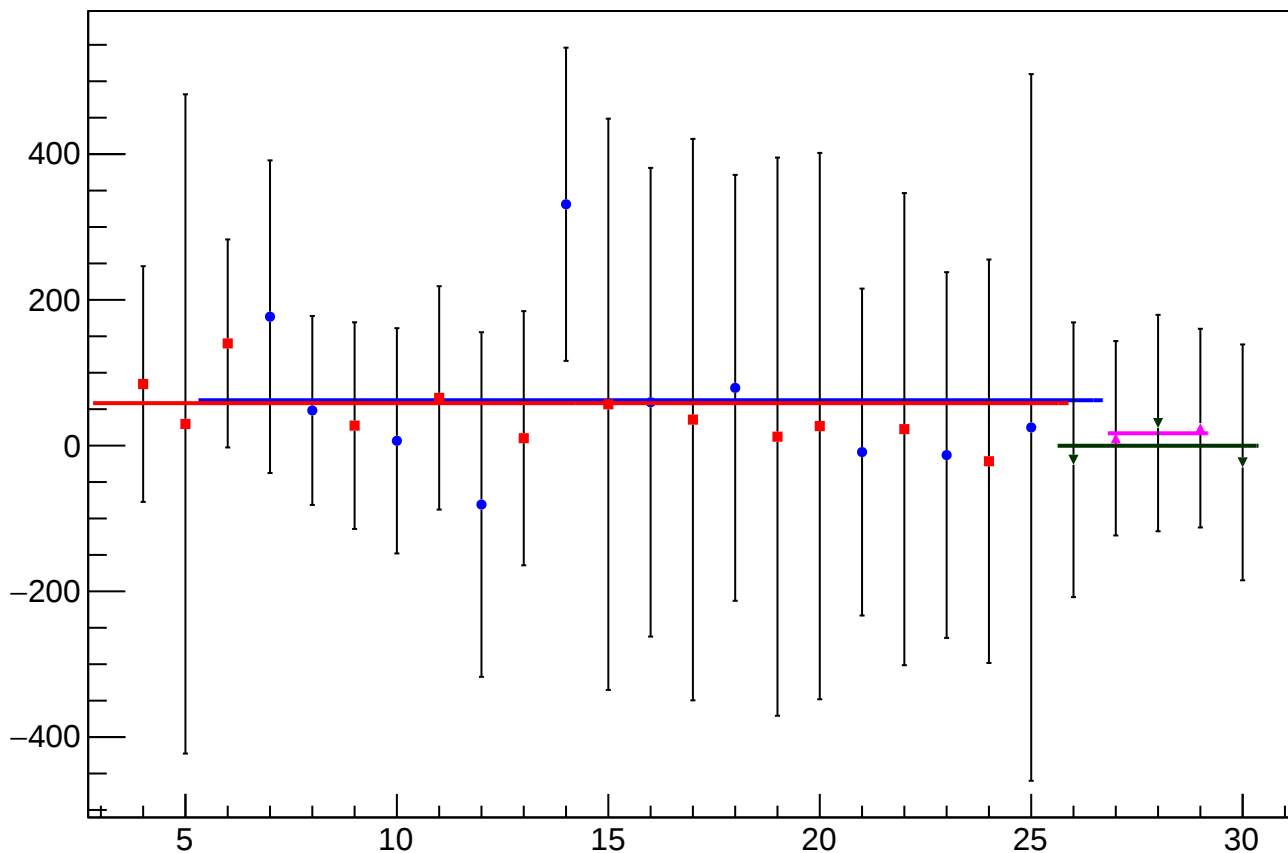
158.258+/-0.040 χ^2/NDF : 853059.3/12

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

145.709+/-0.038 χ^2/NDF : 1263075.1/13

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

asym_bcm_dg_ds_mean vs slug



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

Left Out: -0.201+/-94.634 χ^2/NDF : 0.1/2

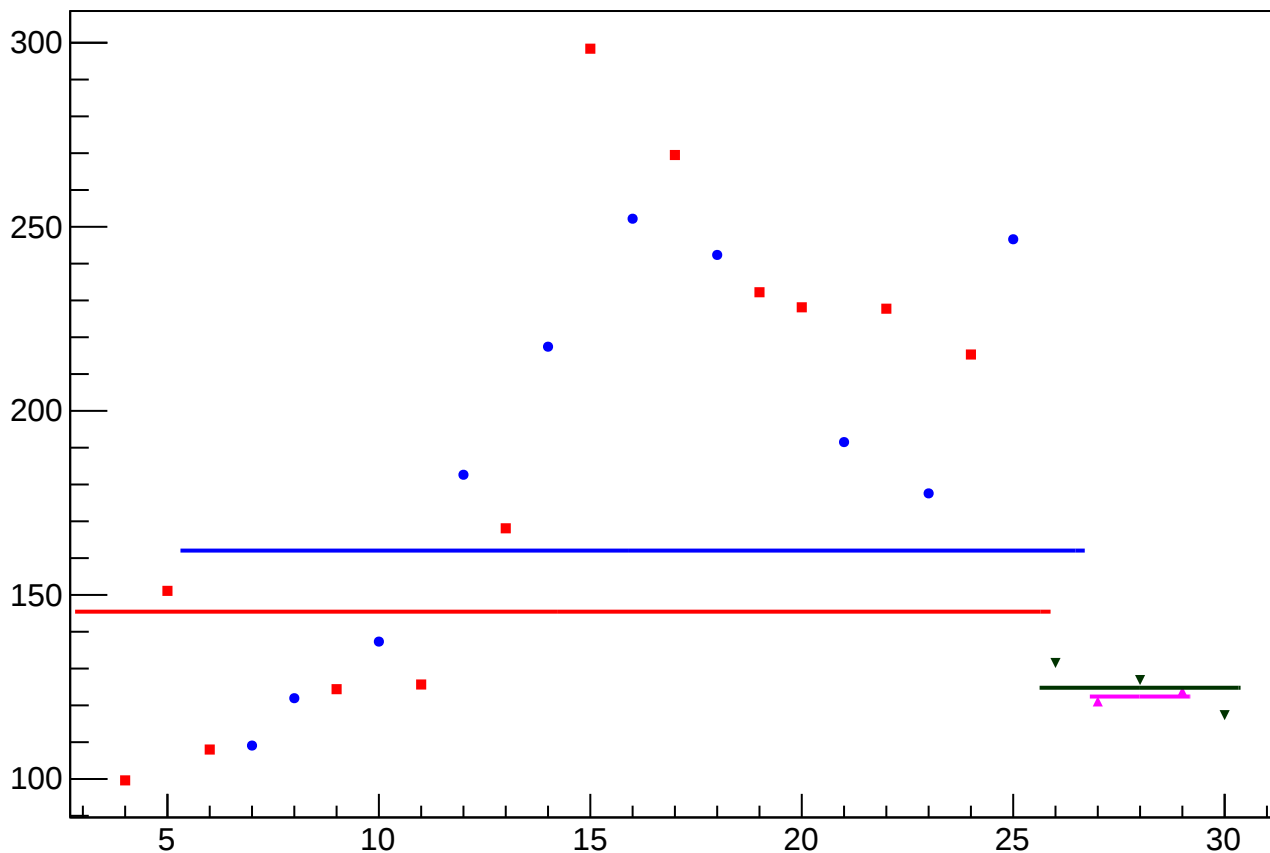
Right Out: 58.253+/-61.187 χ^2/NDF : 0.6/11

Left In: 16.885+/-95.341 χ^2/NDF : 0.0/1

41.477+/-54.582 χ^2/NDF : 2.9/12

46.185+/-51.495 χ^2/NDF : 0.7/13

asym_bcm_dg_ds_rms vs slug



Right In: 162.048 $\pm$ 0.047 χ^2 /NDF: 923631.2/9

Left Out: 124.786 $\pm$ 0.067 χ^2 /NDF: 7175.6/2

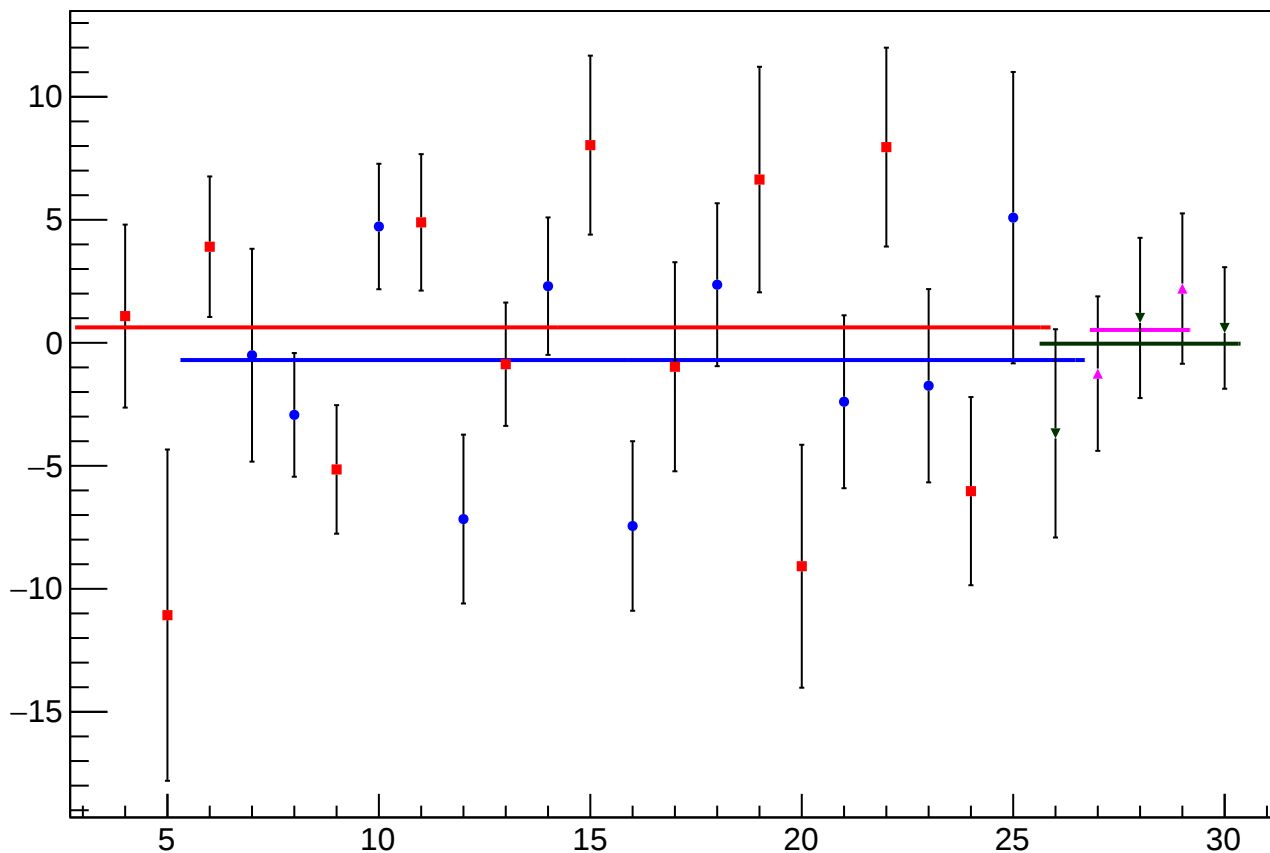
149.652 $\pm$ 0.039 χ^2 /NDF: 1137726.2/12

Right Out: 145.454 $\pm$ 0.043 χ^2 /NDF: 1377812.6/11

138.728 $\pm$ 0.036 χ^2 /NDF: 1461055.4/13

Left In: 122.398 $\pm$ 0.067 χ^2 /NDF: 403.6/1

asym_cav4bQ_mean vs slug



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

Left Out: -0.036 ± 1.785 χ^2/NDF : 0.9/2

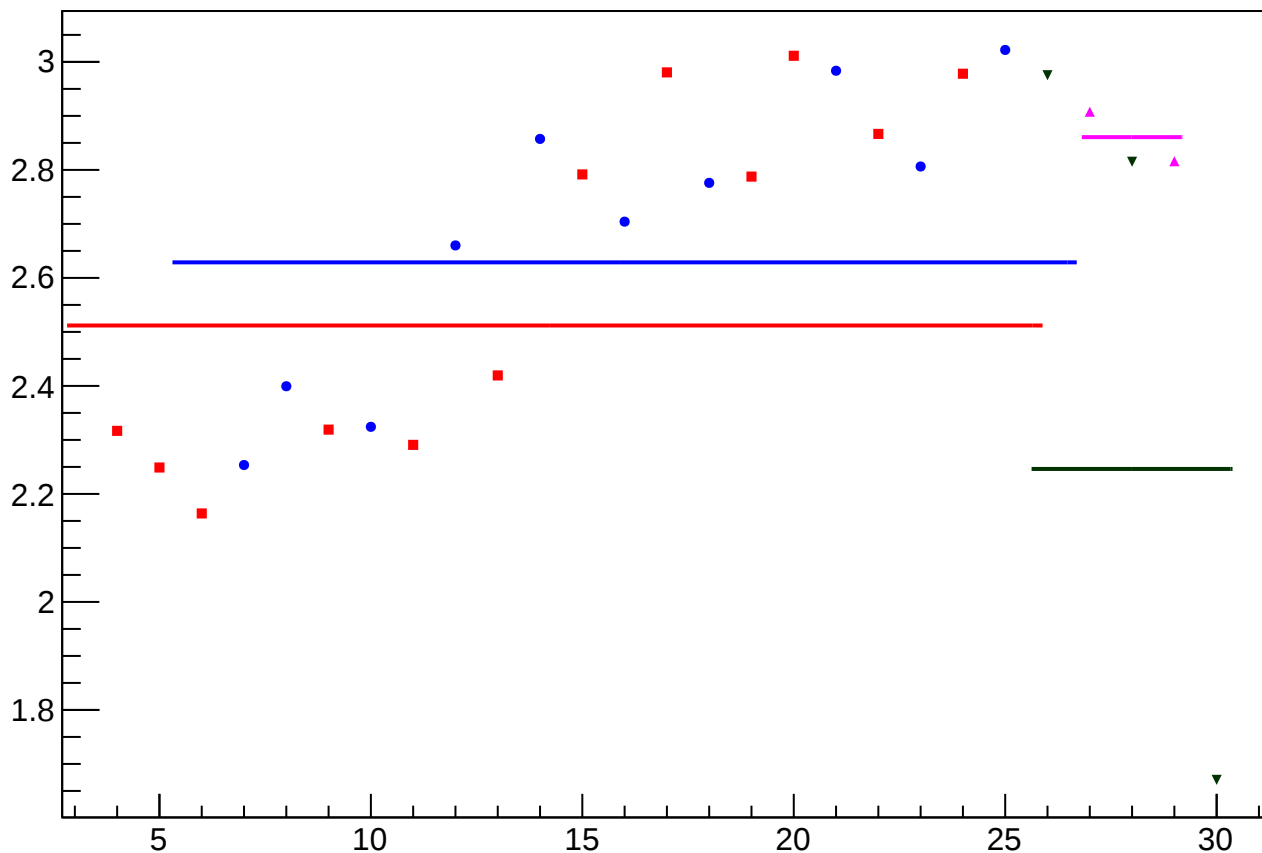
Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

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

-0.533 ± 0.897 χ^2/NDF : 17.0/12

0.610 ± 0.909 χ^2/NDF : 28.8/13

asym_cav4bQ_rms vs slug



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

Left Out: 2.246+/-0.001 χ^2/NDF : 228917.0/2

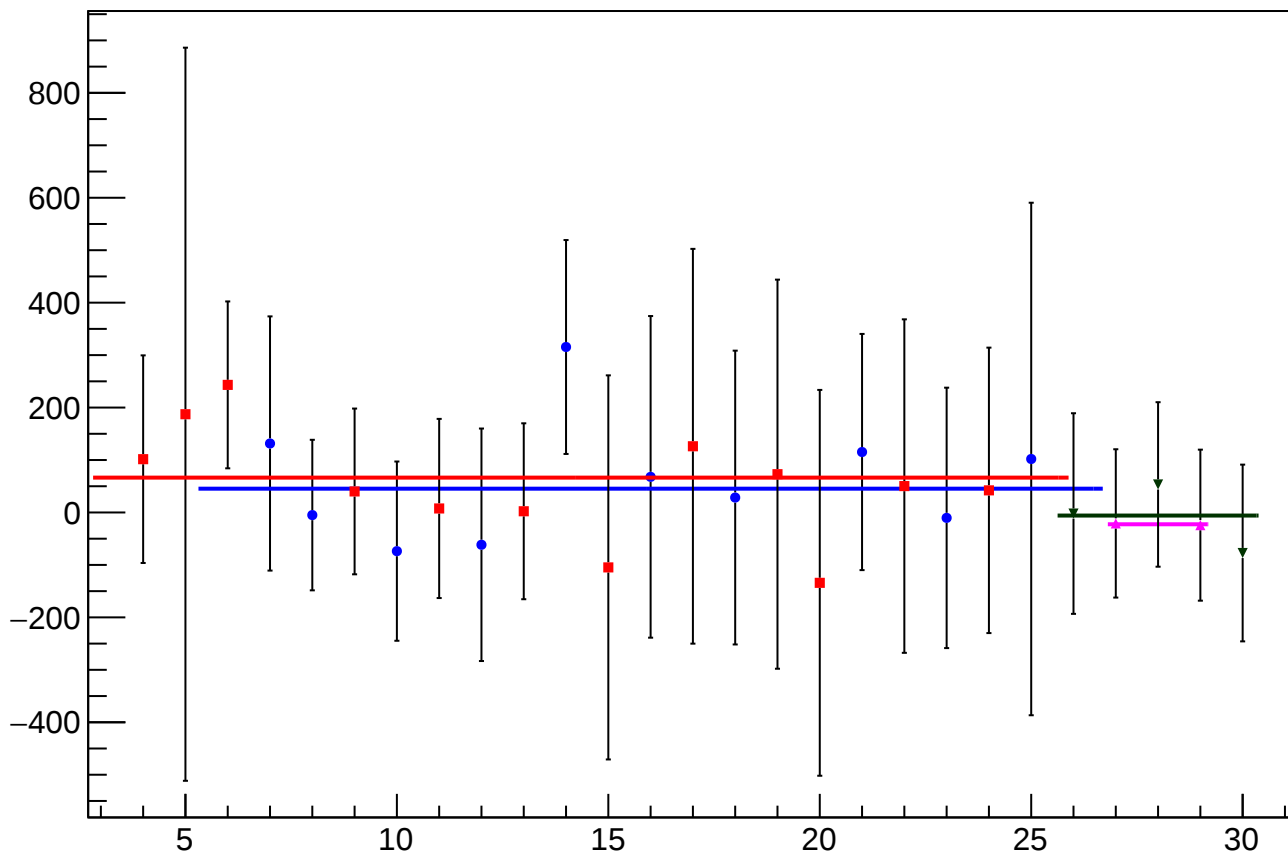
Right Out: 2.512+/-0.001 χ^2/NDF : 173540.5/11

Left In: 2.861+/-0.002 χ^2/NDF : 874.9/1

2.532+/-0.001 χ^2/NDF : 409555.8/12

2.572+/-0.001 χ^2/NDF : 216399.5/13

asym_cav4cQ_mean vs slug



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

Left Out: -5.878+/-98.424 χ^2/NDF : 0.3/2

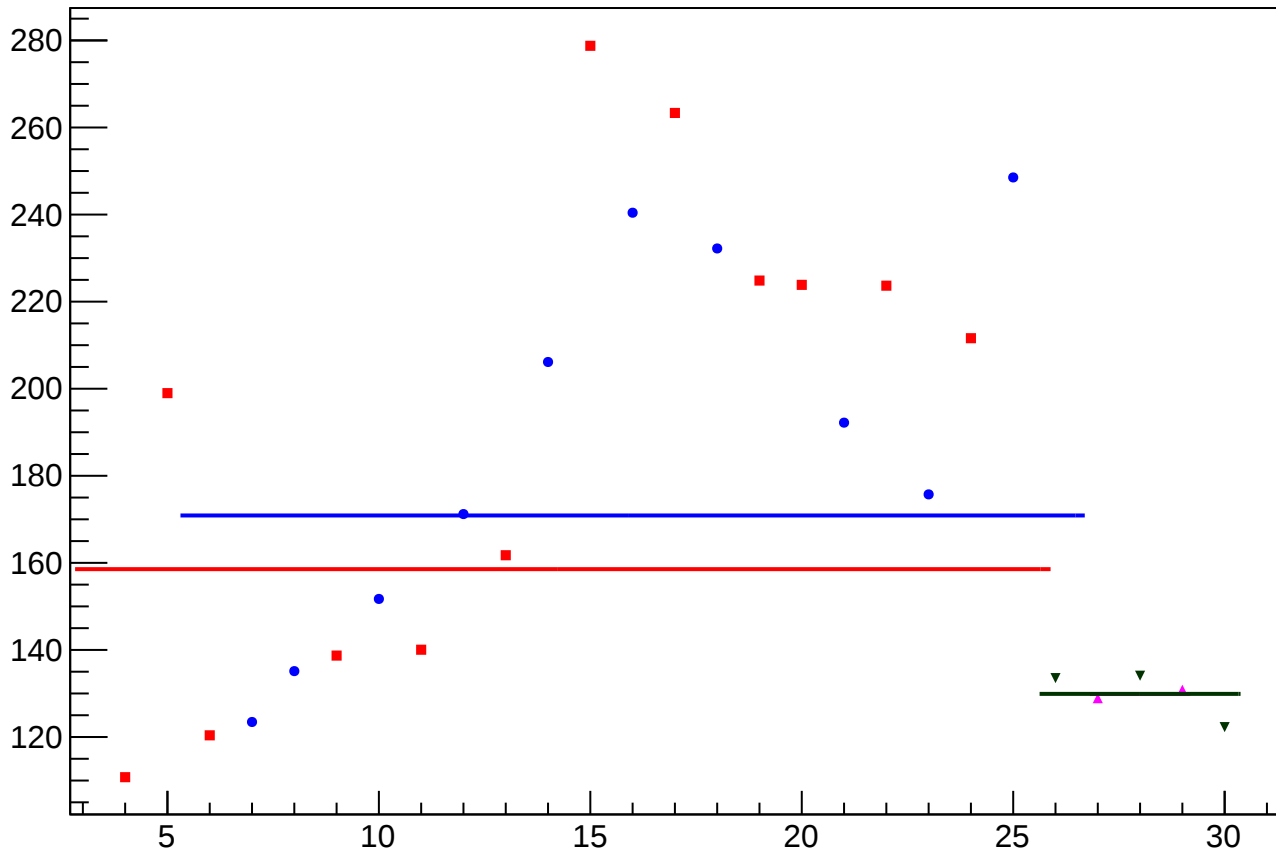
Right Out: 66.444+/-65.999 χ^2/NDF : 2.1/11

Left In: -22.508+/-100.875 χ^2/NDF : 0.0/1

28.347+/-56.704 χ^2/NDF : 3.4/12

39.781+/-55.228 χ^2/NDF : 2.7/13

asym_cav4cQ_rms vs slug



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

Left Out: 129.906+/-0.070 χ^2/NDF : 6242.9/2

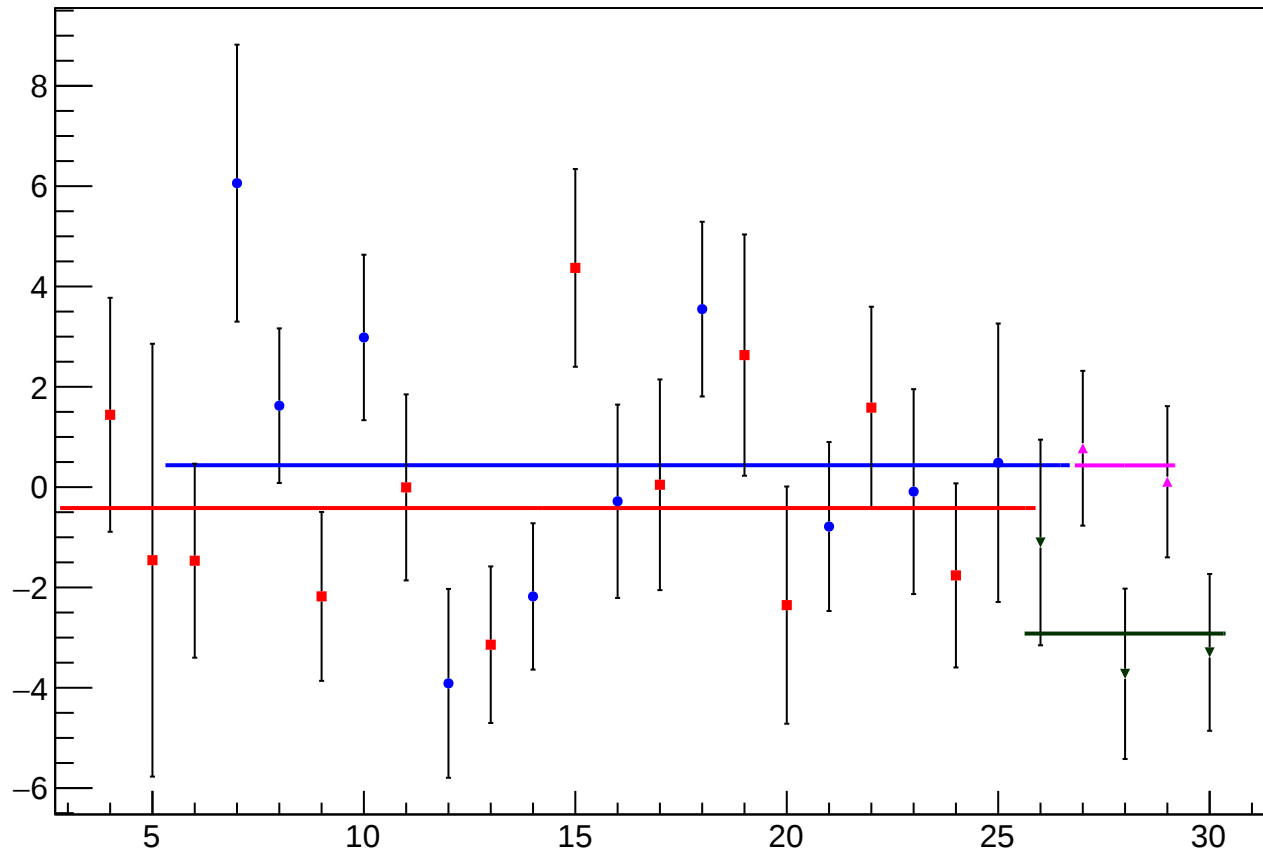
157.284+/-0.040 χ^2/NDF : 791613.3/12

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

149.958+/-0.039 χ^2/NDF : 1065112.7/13

Left In: 129.871+/-0.071 χ^2/NDF : 185.7/1

asym_cav4dQ_mean vs slug



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

Left Out: -2.919+/-1.003 χ^2/NDF : 1.1/2

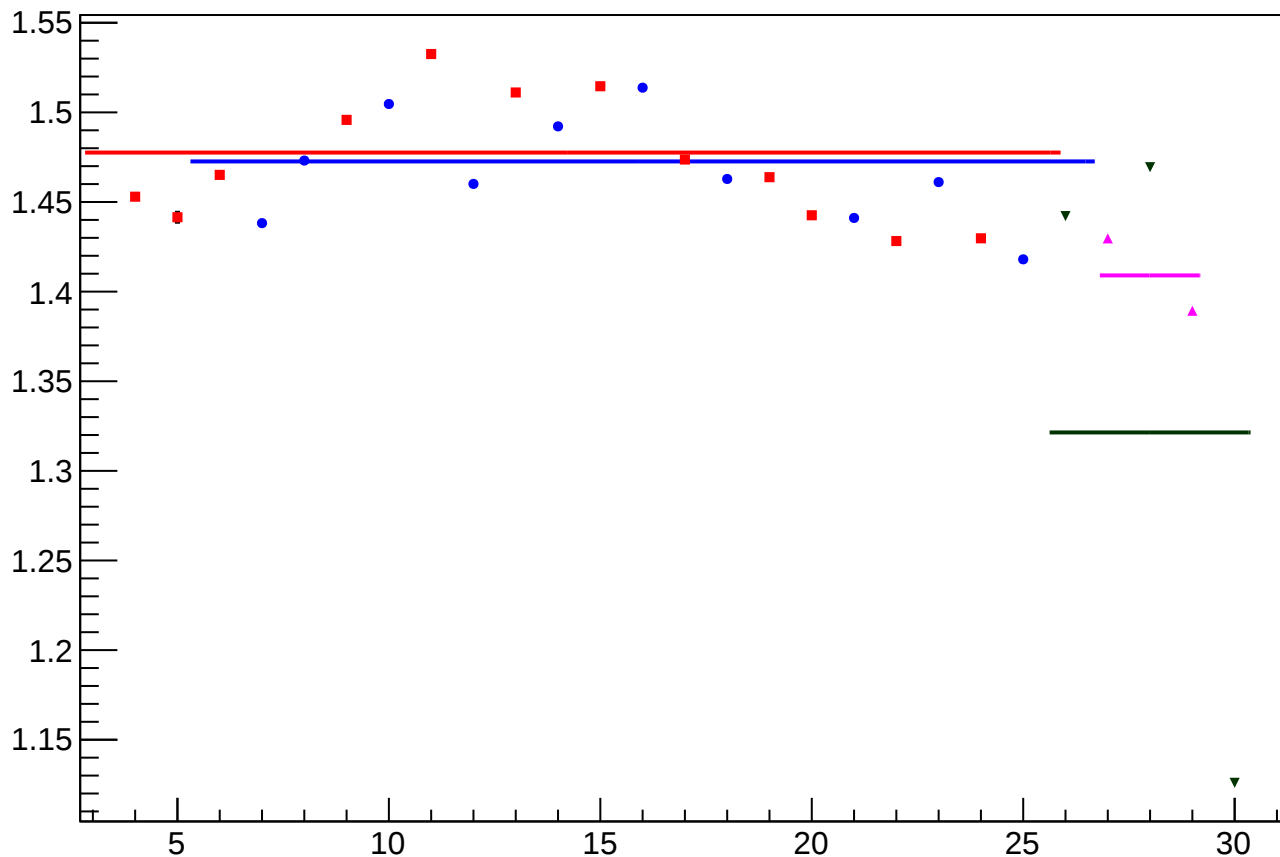
Right Out: -0.417+/-0.583 χ^2/NDF : 14.9/11

Left In: 0.433+/-1.078 χ^2/NDF : 0.1/1

-0.400+/-0.501 χ^2/NDF : 29.1/12

-0.225+/-0.513 χ^2/NDF : 15.5/13

asym_cav4dQ_rms vs slug



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

Left Out: 1.321+/-0.001 χ^2/NDF : 53404.7/2

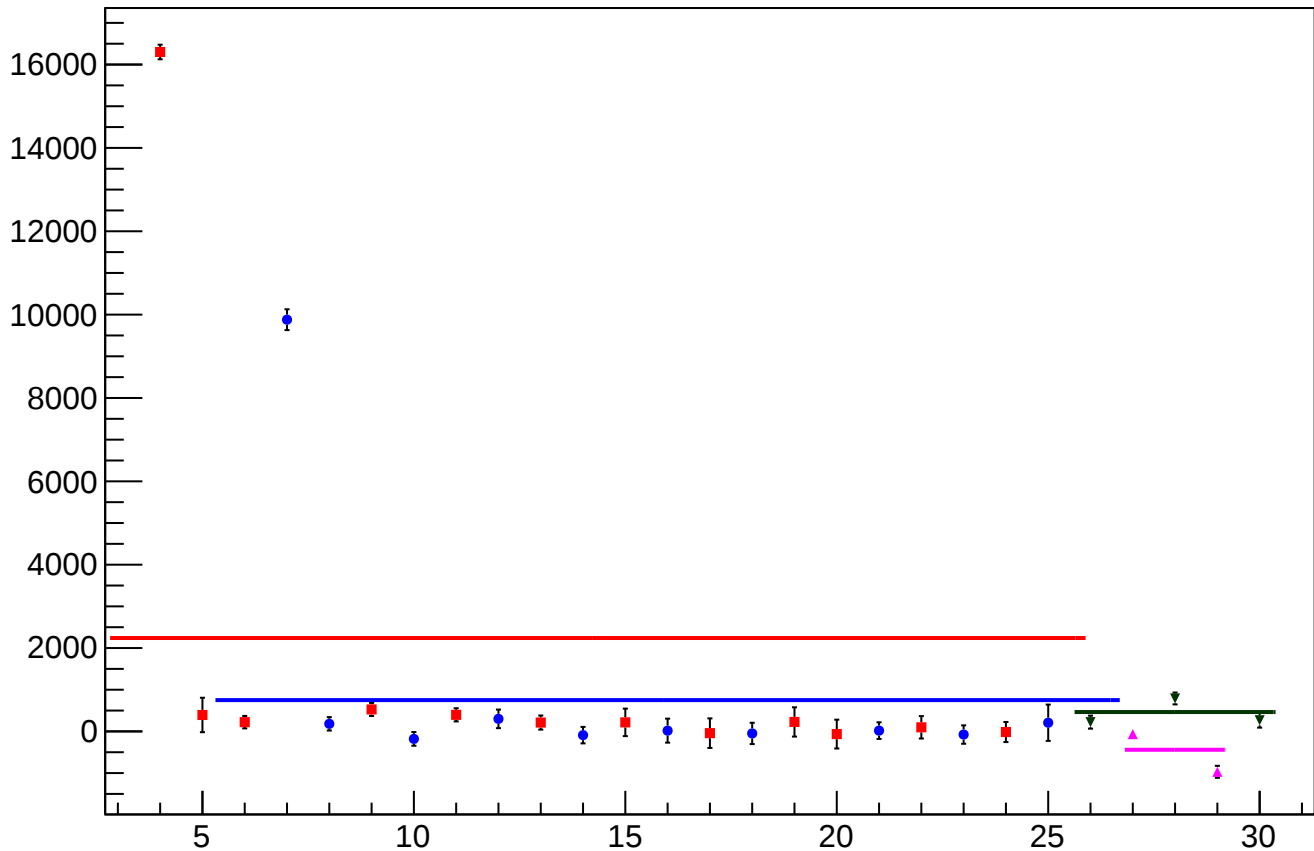
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 1.409+/-0.001 χ^2/NDF : 700.4/1

1.435+/-0.000 χ^2/NDF : 91553.8/12

1.462+/-0.000 χ^2/NDF : 14091.5/13

asym_bcm0l02_mean vs slug



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

Left Out: 464.369+/-90.555 χ^2/NDF : 8.9/2

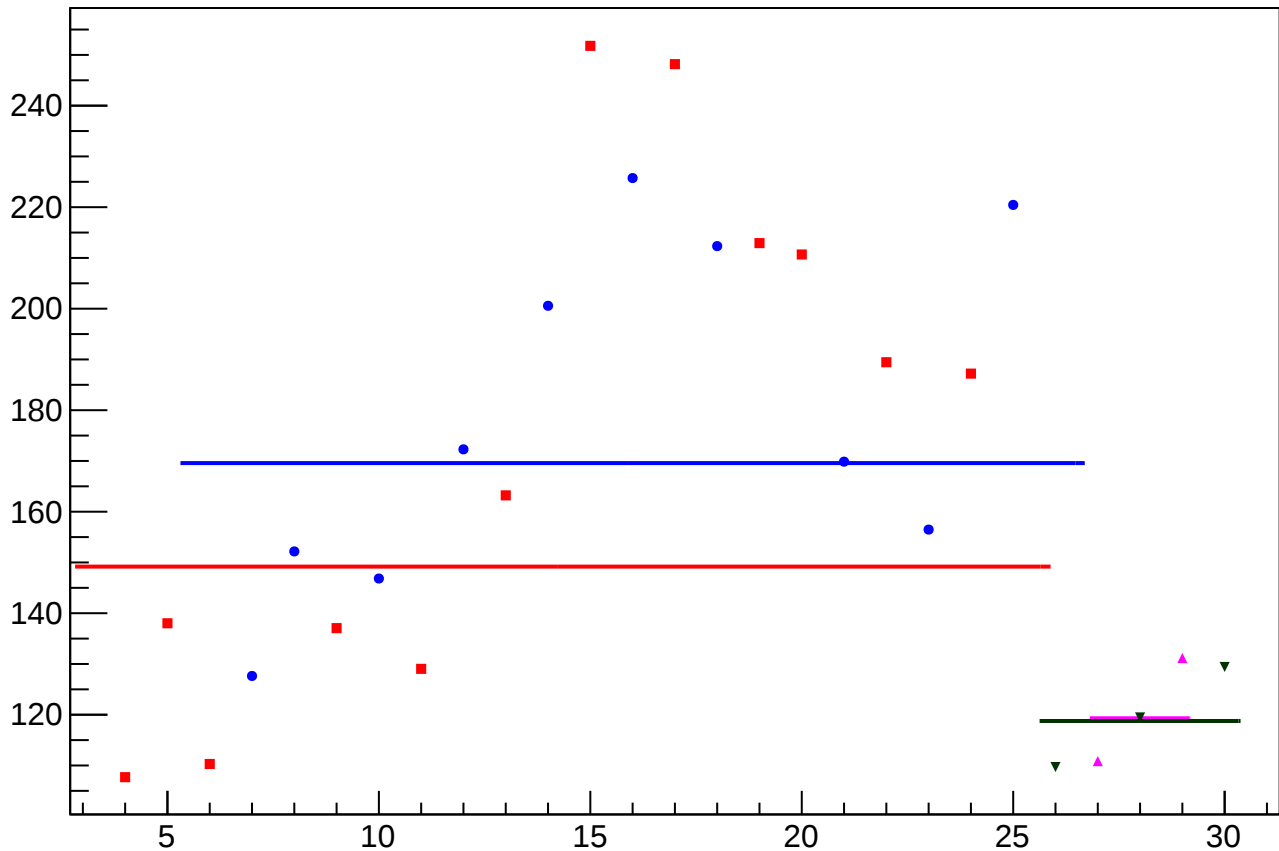
647.272+/-54.442 χ^2/NDF : 1460.8/12

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

1419.543+/-51.307 χ^2/NDF : 7934.0/13

Left In: -440.861+/-92.714 χ^2/NDF : 23.1/1

asym_bcm0l02_rms vs slug



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

Left Out: 118.764+/-0.064 χ^2/NDF :13933.0/2

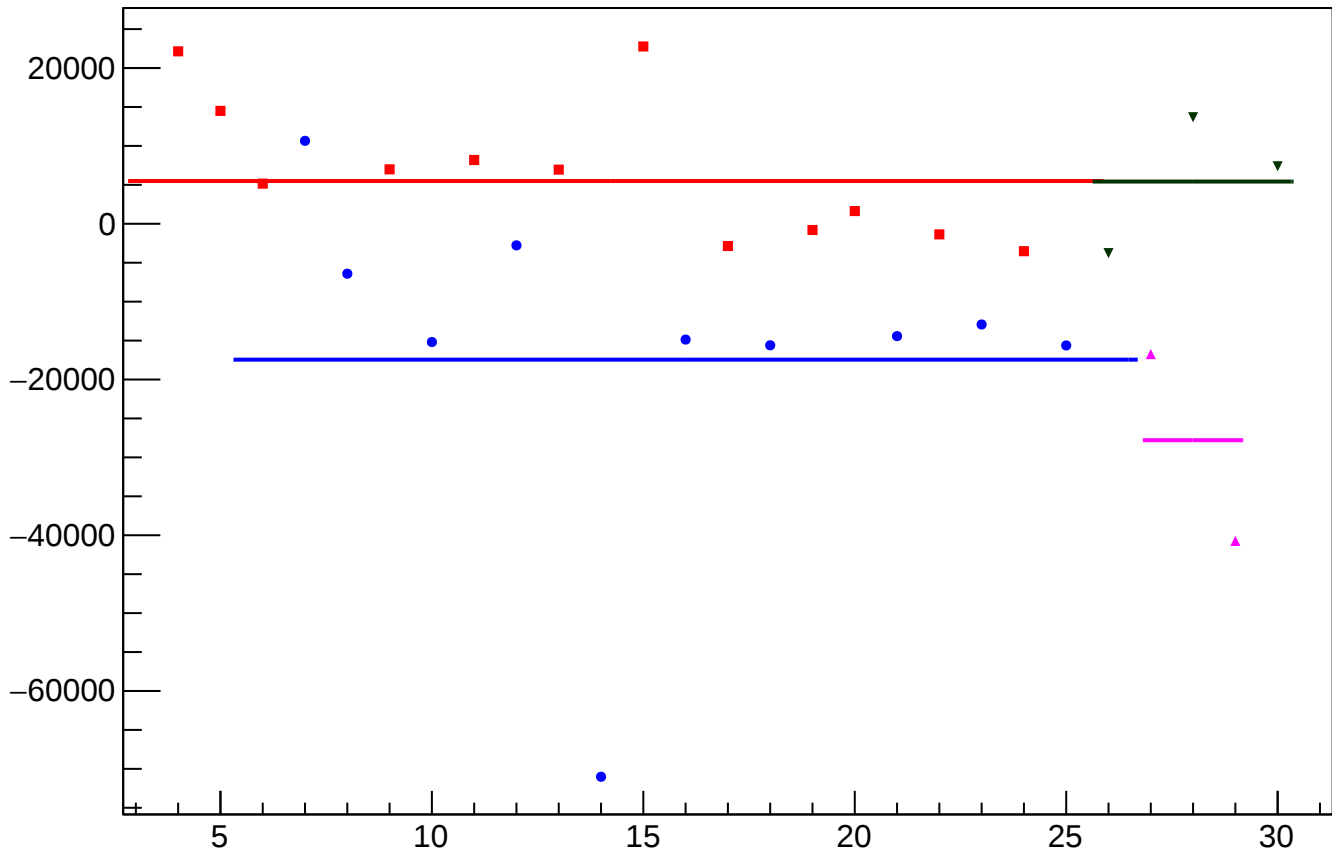
151.212+/-0.038 χ^2/NDF : 749651.2/12

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

140.032+/-0.036 χ^2/NDF : 1047294.1/13

Left In: 119.300+/-0.066 χ^2/NDF :23306.0/1

asym_bpm2i01WS_mean vs slug



Right In: -17450.855 ± 46.763 χ^2/NDF : 203331.0/9

Left Out: 5424.163 ± 92.301 χ^2/NDF : 6277.1/2

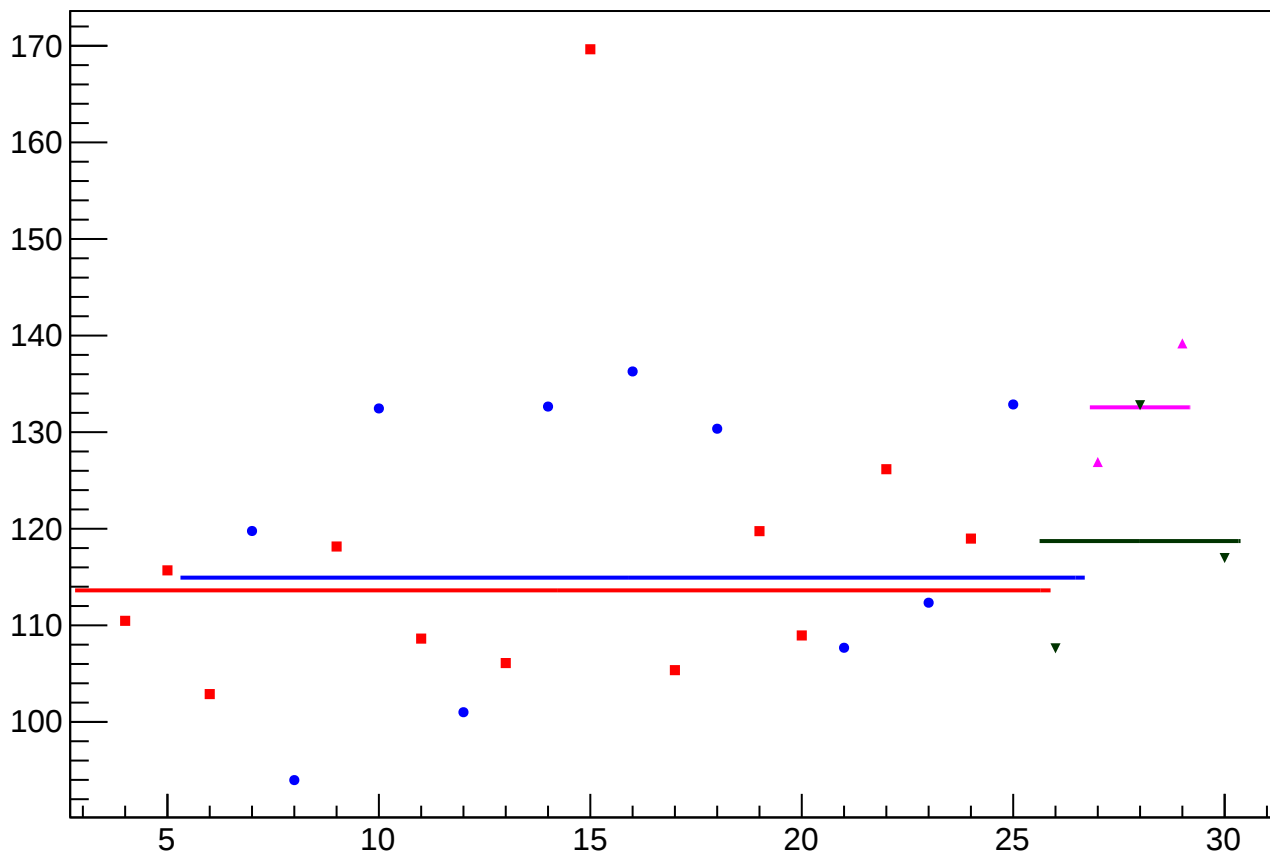
-12778.533 ± 41.715 χ^2/NDF : 258483.2/12

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

102.645 ± 42.453 χ^2/NDF : 120903.3/13

Left In: -27794.275 ± 105.518 χ^2/NDF : 12850.1/1

asym_bpm2i01WS_rms vs slug



Right In: 114.939 $\pm$ 0.033 χ^2 /NDF: 233540.9/9

Left Out: 118.725 $\pm$ 0.065 χ^2 /NDF: 25570.5/2

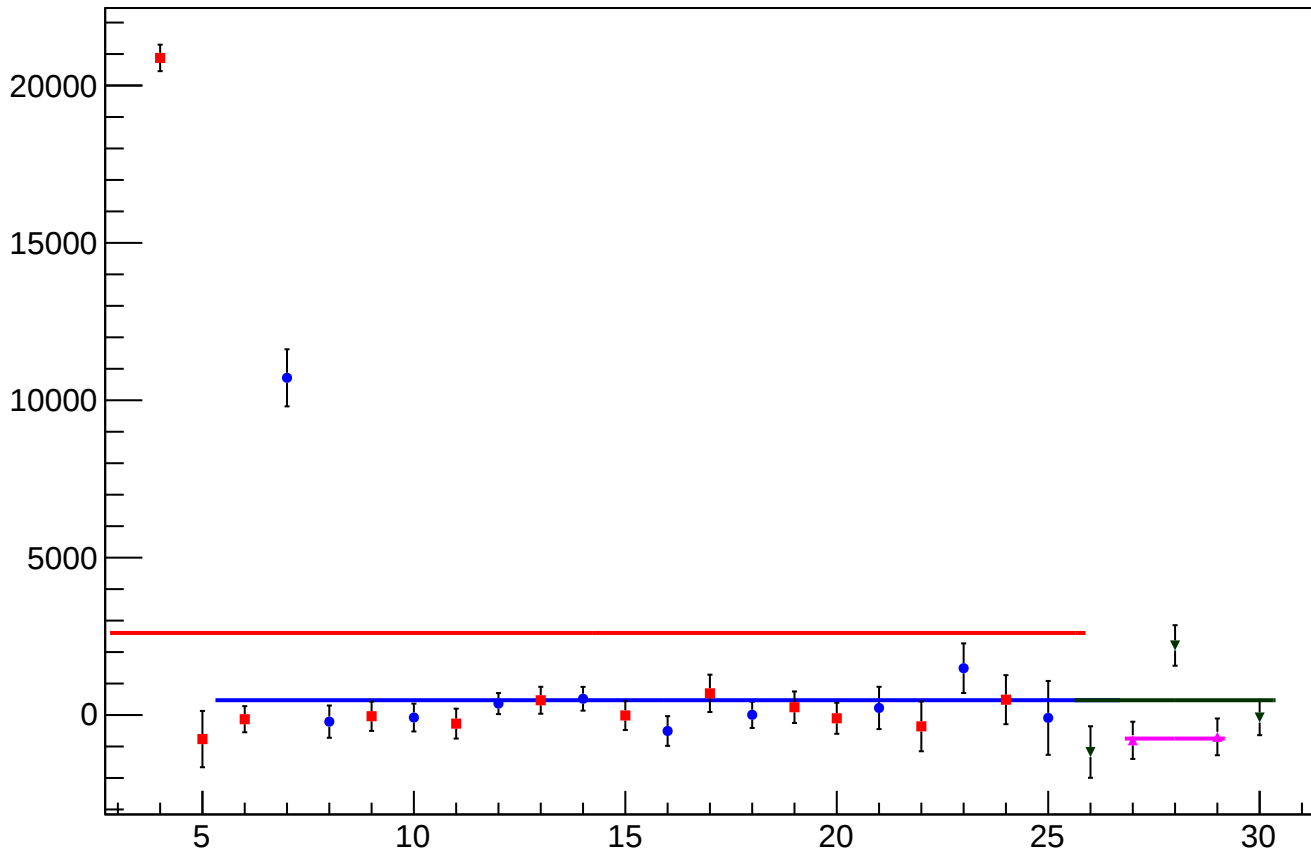
115.712 $\pm$ 0.029 χ^2 /NDF: 261789.6/12

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

116.688 $\pm$ 0.030 χ^2 /NDF: 223452.3/13

Left In: 132.571 $\pm$ 0.075 χ^2 /NDF: 6730.6/1

asym_bpm0i07WS_mean vs slug



Right In: 470.960 ± 156.387 χ^2/NDF : 138.4/9

Left Out: 470.077 ± 375.930 χ^2/NDF : 12.3/2

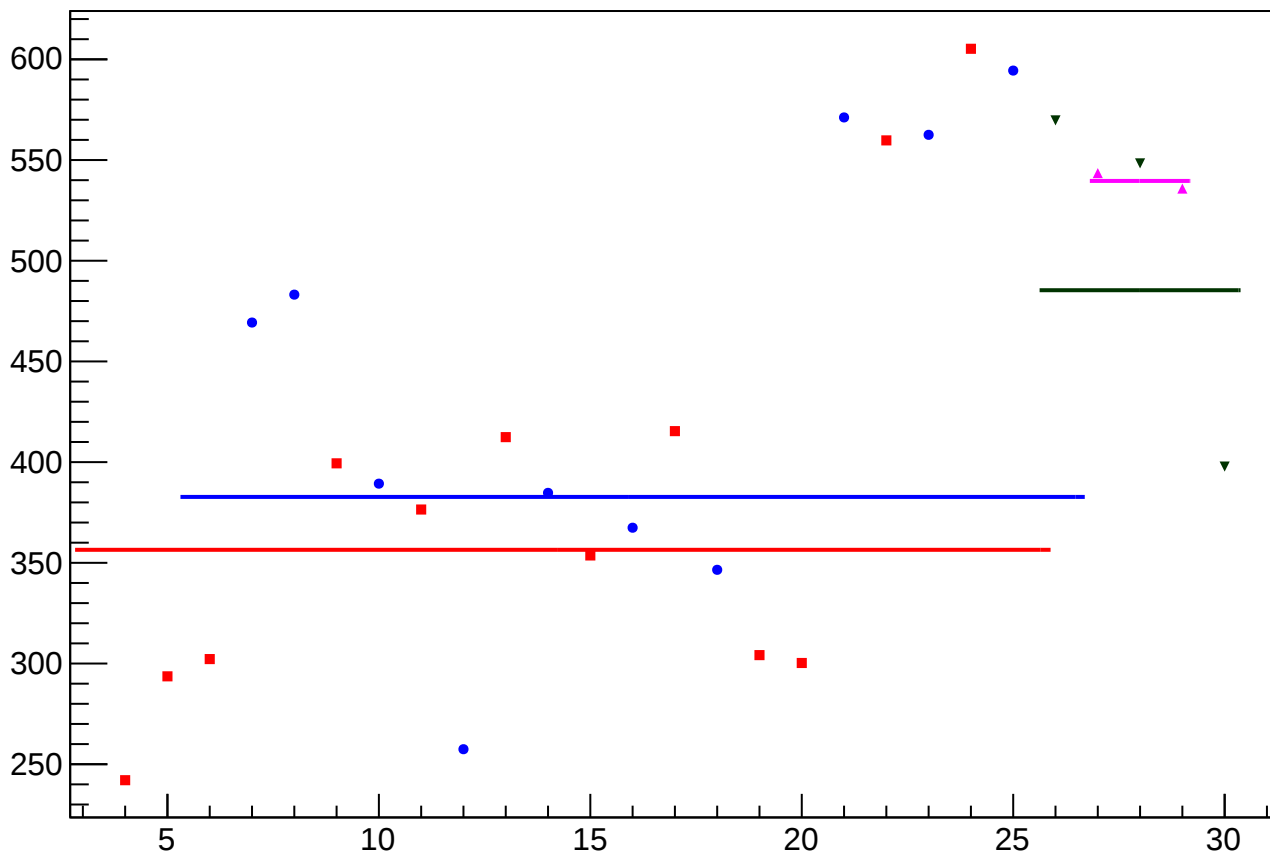
470.829 ± 144.392 χ^2/NDF : 150.7/12

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

2232.007 ± 138.865 χ^2/NDF : 2212.2/13

Left In: -747.810 ± 415.364 χ^2/NDF : 0.0/1

asym_bpm0i07WS_rms vs slug



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

Left Out: 485.360 $\pm$ 0.266 χ^2 /NDF:88994.9/2

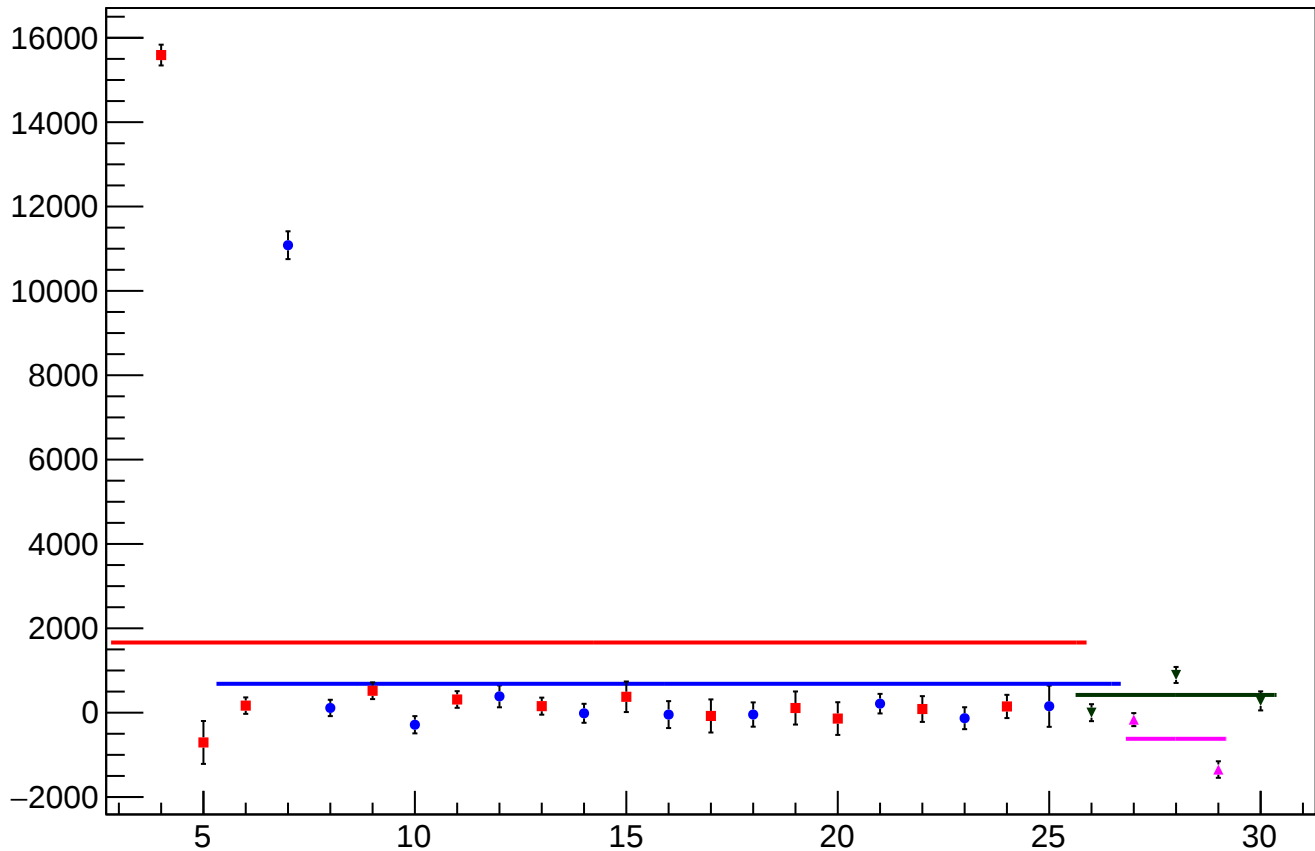
Right Out: 356.465 $\pm$ 0.104 χ^2 /NDF: 650032.0/11

Left In: 539.624 $\pm$ 0.294 χ^2 /NDF:170.8/1

397.870 $\pm$ 0.102 χ^2 /NDF: 936199.3/12

376.937 $\pm$ 0.098 χ^2 /NDF: 995628.5/13

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 χ^2/NDF : 1063.9/9

Left Out: 420.444 ± 117.733 χ^2/NDF : 11.0/2

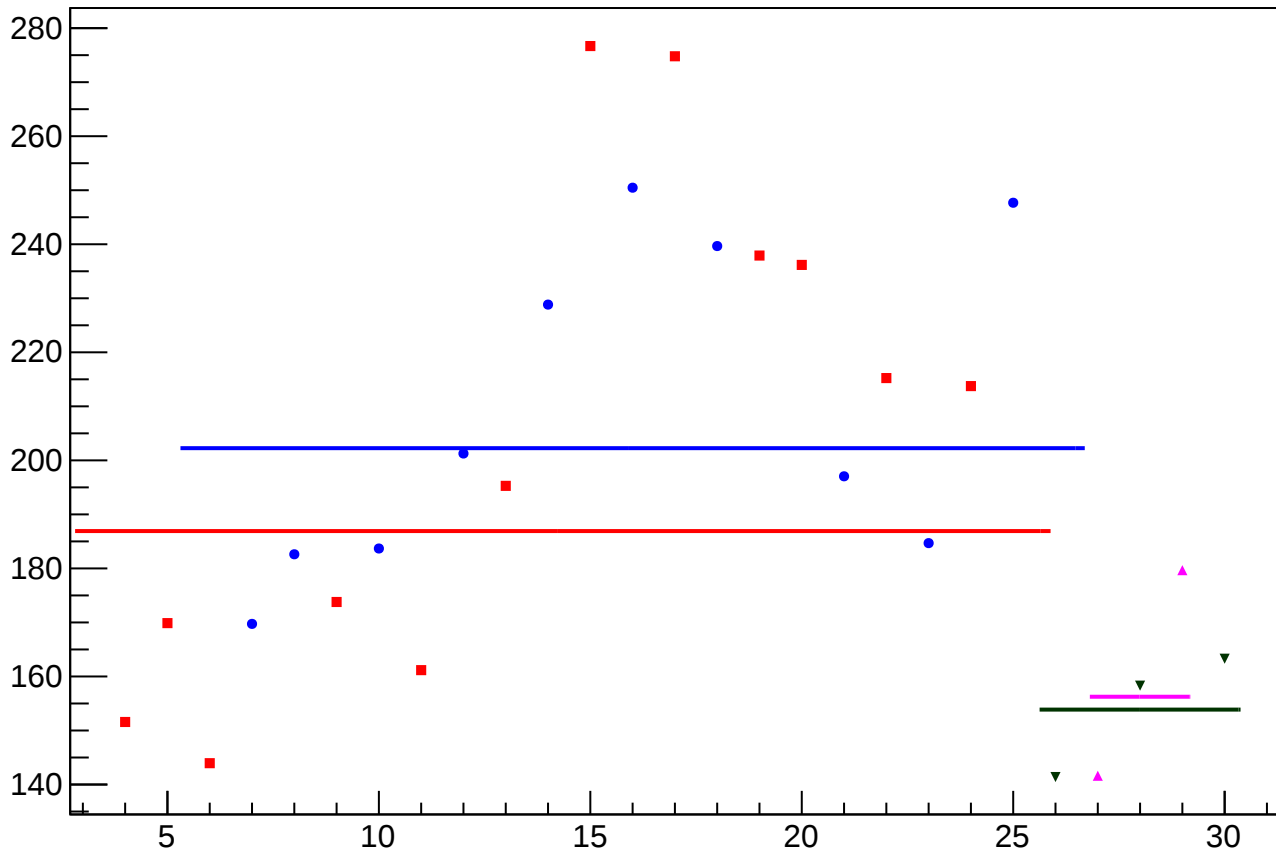
Right Out: 1663.245 ± 75.915 χ^2/NDF : 3538.6/11

Left In: -619.448 ± 121.374 χ^2/NDF : 22.5/1

600.224 ± 66.538 χ^2/NDF : 1078.4/12

1021.358 ± 64.363 χ^2/NDF : 3815.3/13

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 153.869+/-0.083 χ^2/NDF :12275.2/2

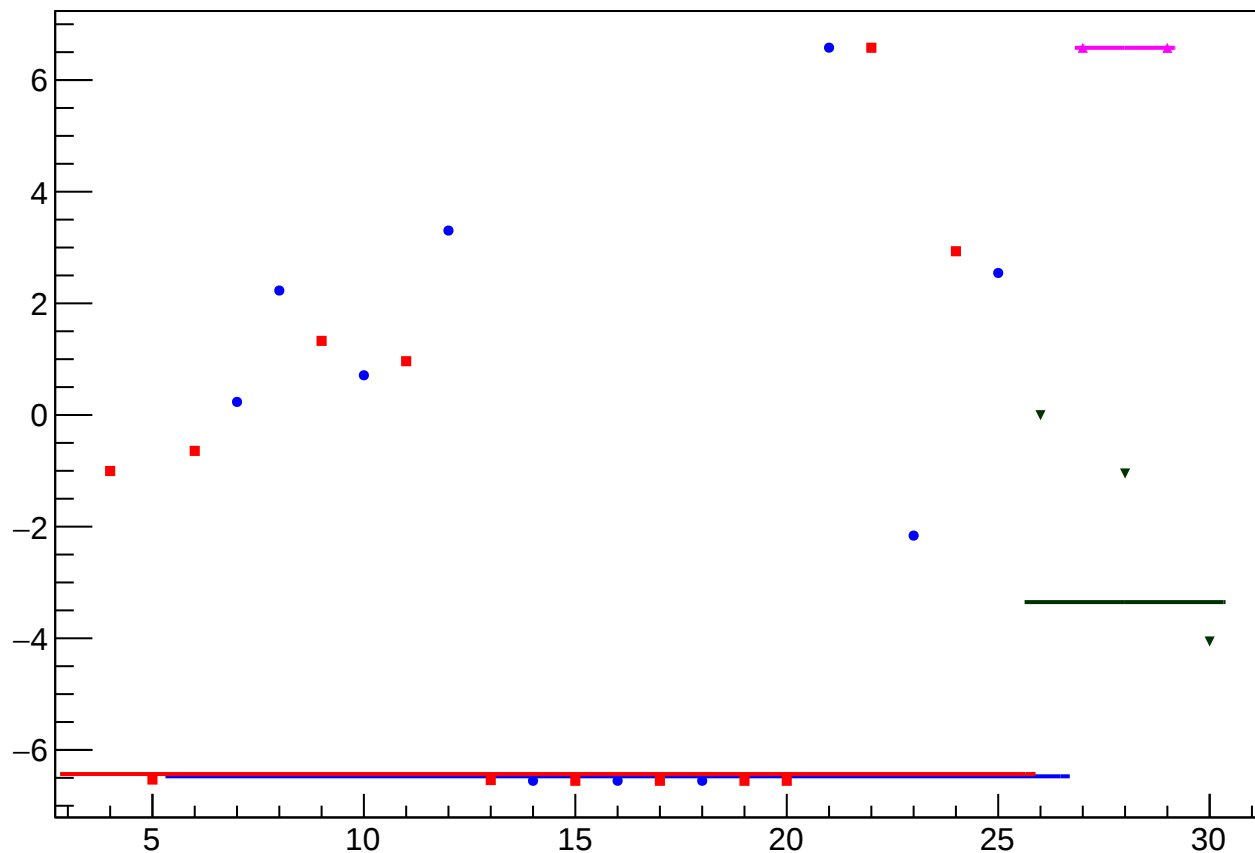
186.802+/-0.047 χ^2/NDF : 433412.7/12

Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

178.291+/-0.046 χ^2/NDF : 650566.0/13

Left In: 156.249+/-0.086 χ^2/NDF :46511.3/1

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -3.352+/-0.001 χ^2/NDF : 1094485.0/2

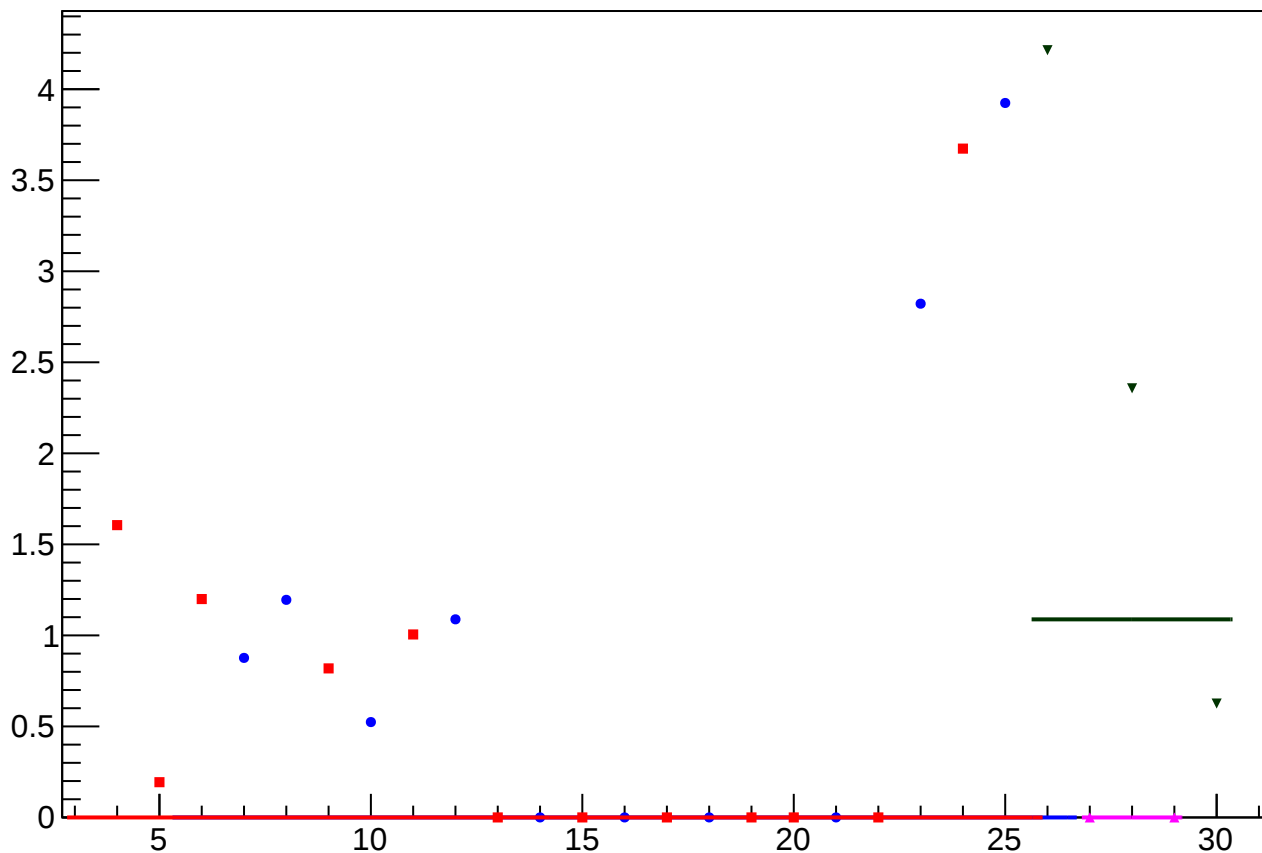
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 72049.5/1

-6.473+/-0.000 χ^2/NDF : 127847934551443.4/1

-6.315+/-0.000 χ^2/NDF : 297092086024110.3/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 1.088+/-0.001 χ^2/NDF : 1067750.4/2

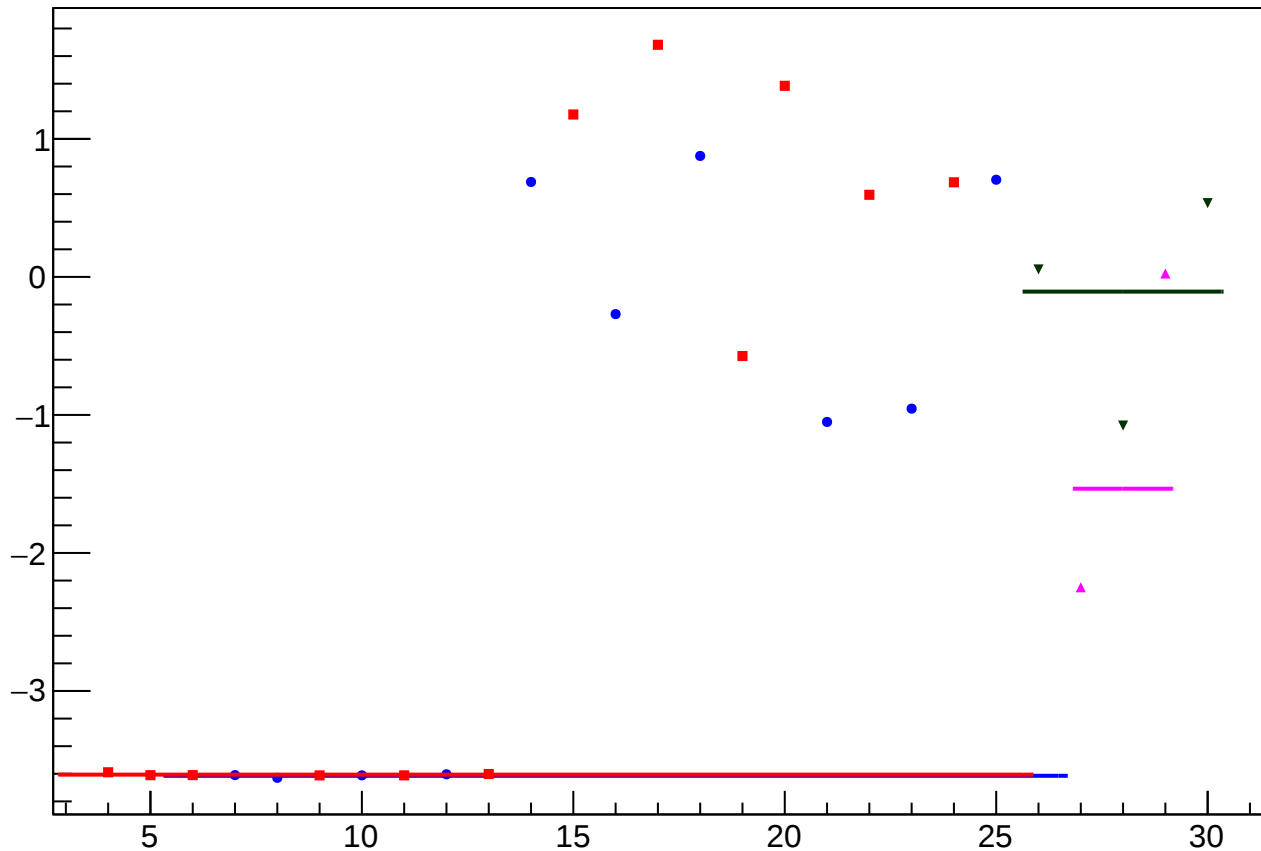
Right Out: 0.000+/-0.000 χ^2/NDF : 4072994.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.4/1

0.000+/-0.000 χ^2/NDF : 6759130.2/12

0.000+/-0.000 χ^2/NDF : 4073020.1/13

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

-3.614+/-0.000 χ^2/NDF : 49092388350.9/12

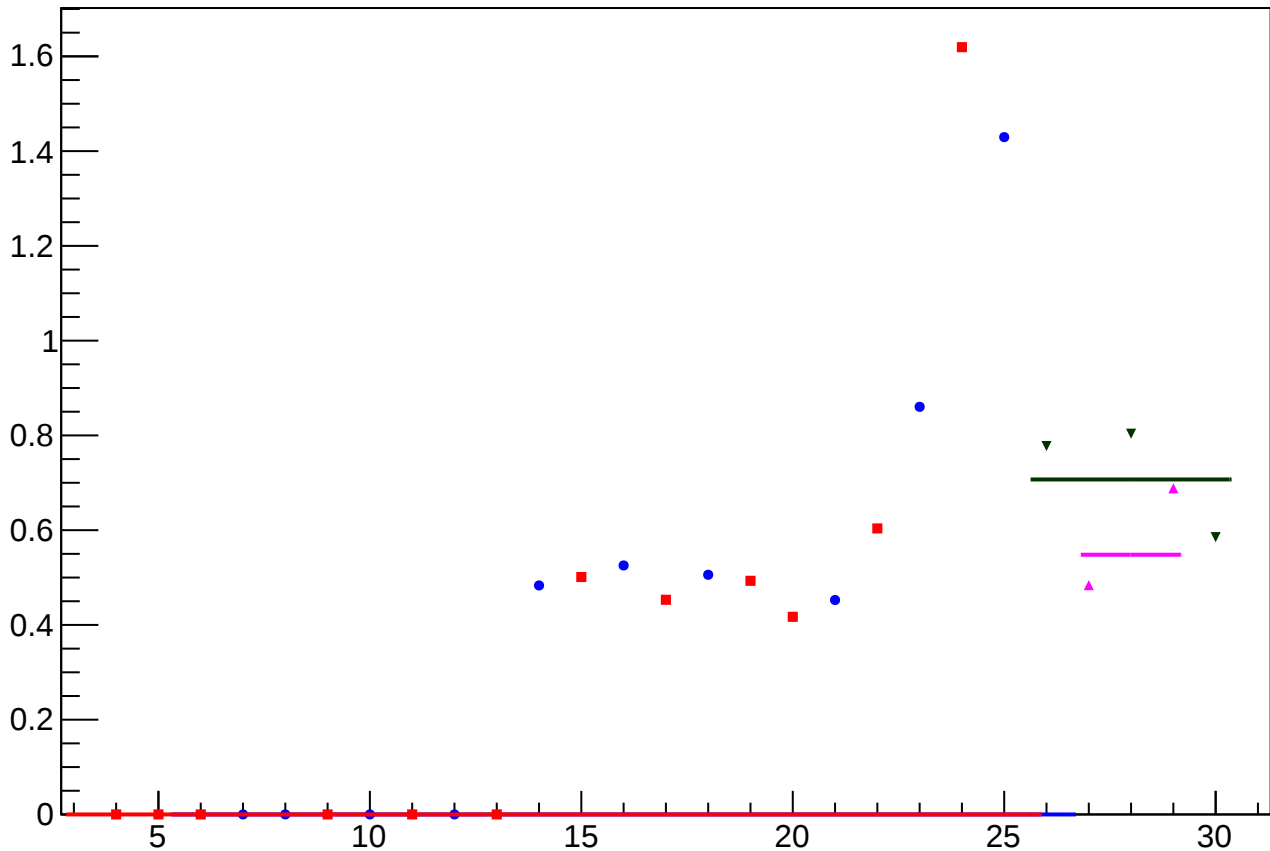
Left Out: -0.107+/-0.001 χ^2/NDF : 1138844.6/2

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

-3.606+/-0.000 χ^2/NDF : 37768563060.3/13

Left In: -1.534+/-0.001 χ^2/NDF : 3817527.0/1

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.707+/-0.000 χ^2/NDF : 49981.4/2

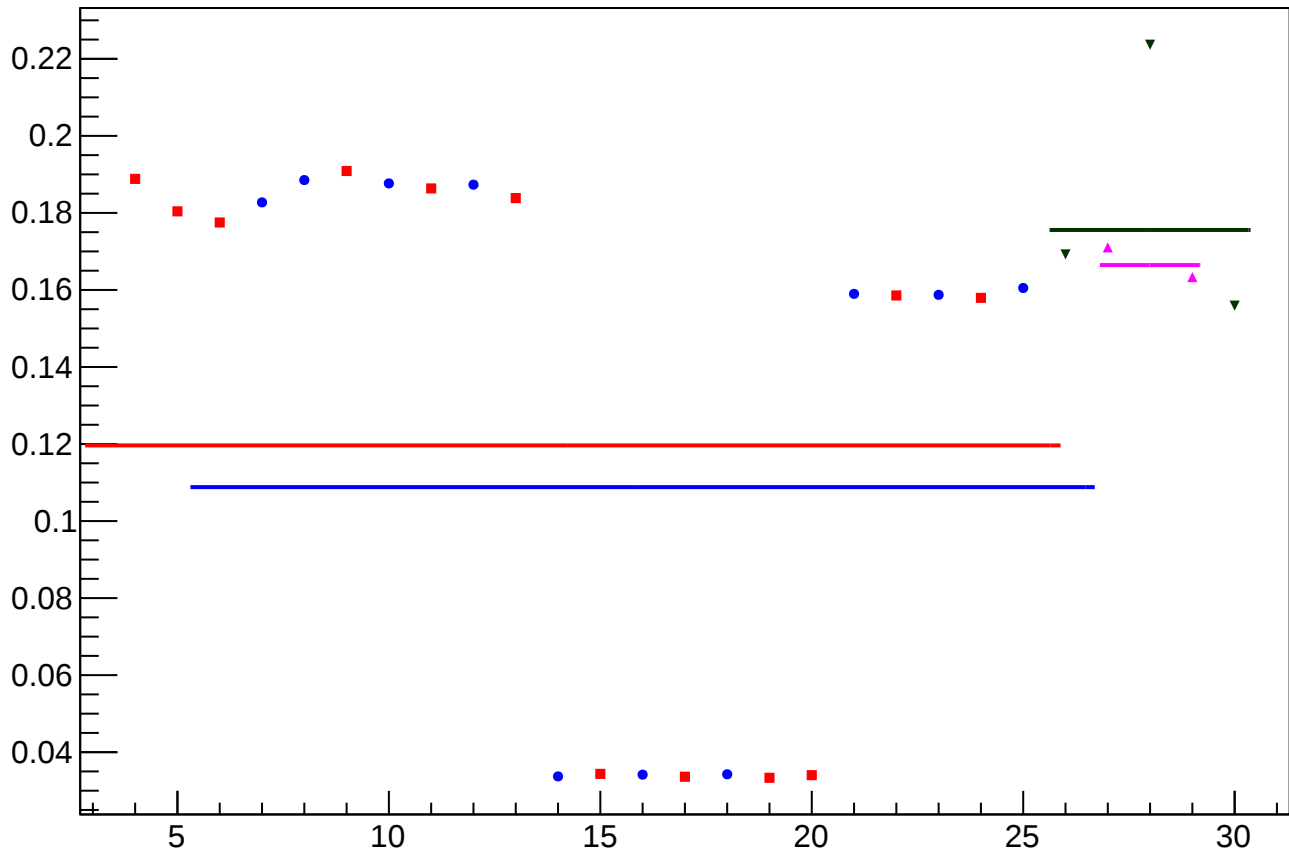
0.000+/-0.000 χ^2/NDF : 8259158.2/12

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

0.000+/-0.000 χ^2/NDF : 6327714.5/13

Left In: 0.548+/-0.000 χ^2/NDF : 61669.3/1

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.176+/-0.000 χ^2/NDF : 78587667.7/2

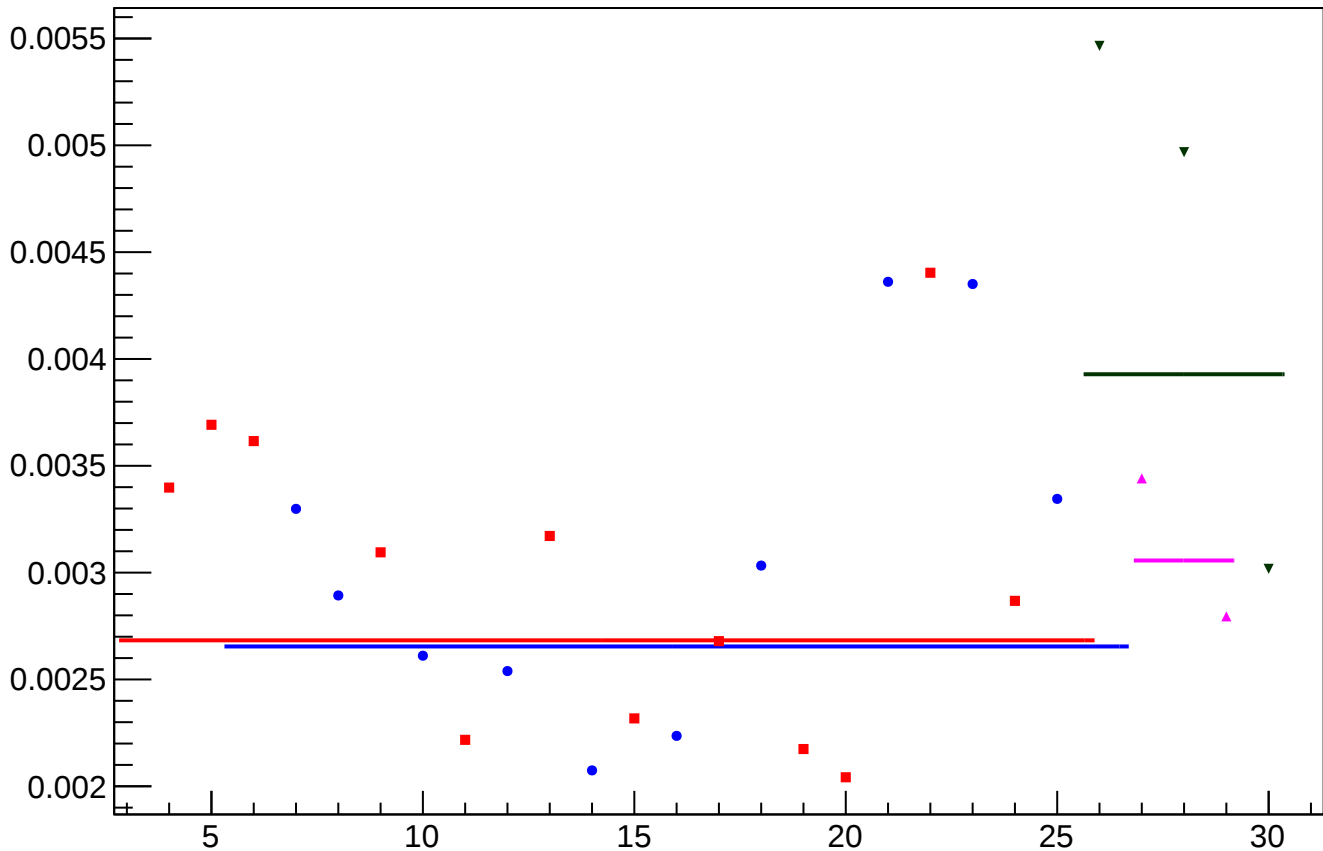
0.116+/-0.000 χ^2/NDF : 5027256465.9/12

Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

0.128+/-0.000 χ^2/NDF : 4504293868.3/13

Left In: 0.166+/-0.000 χ^2/NDF : 2349365.9/1

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 :219495.5/2

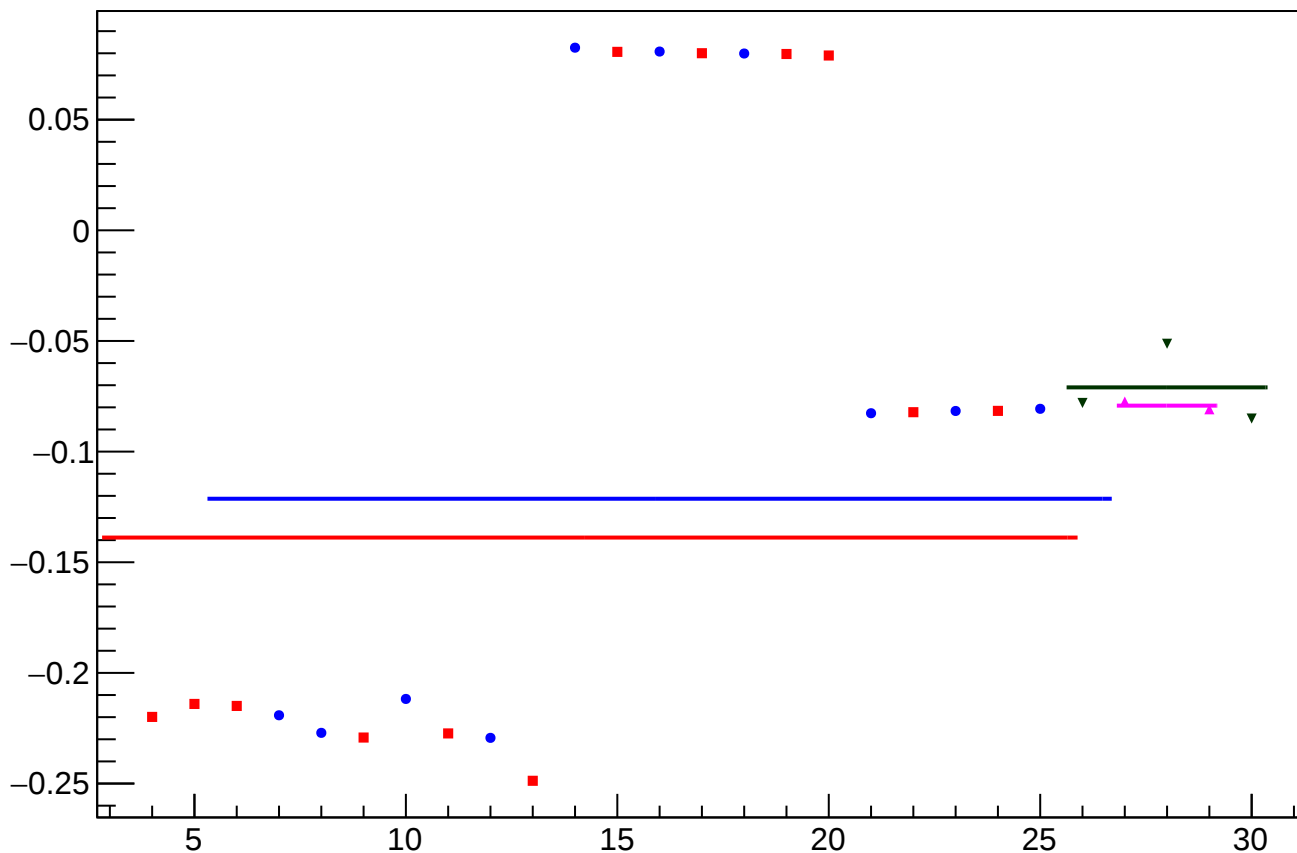
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF :32946.4/1

0.003+/-0.000 χ^2/NDF : 1136810.8/12

0.003+/-0.000 χ^2/NDF : 597222.6/13

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.071+/-0.000 χ^2/NDF : 21167517.8/2

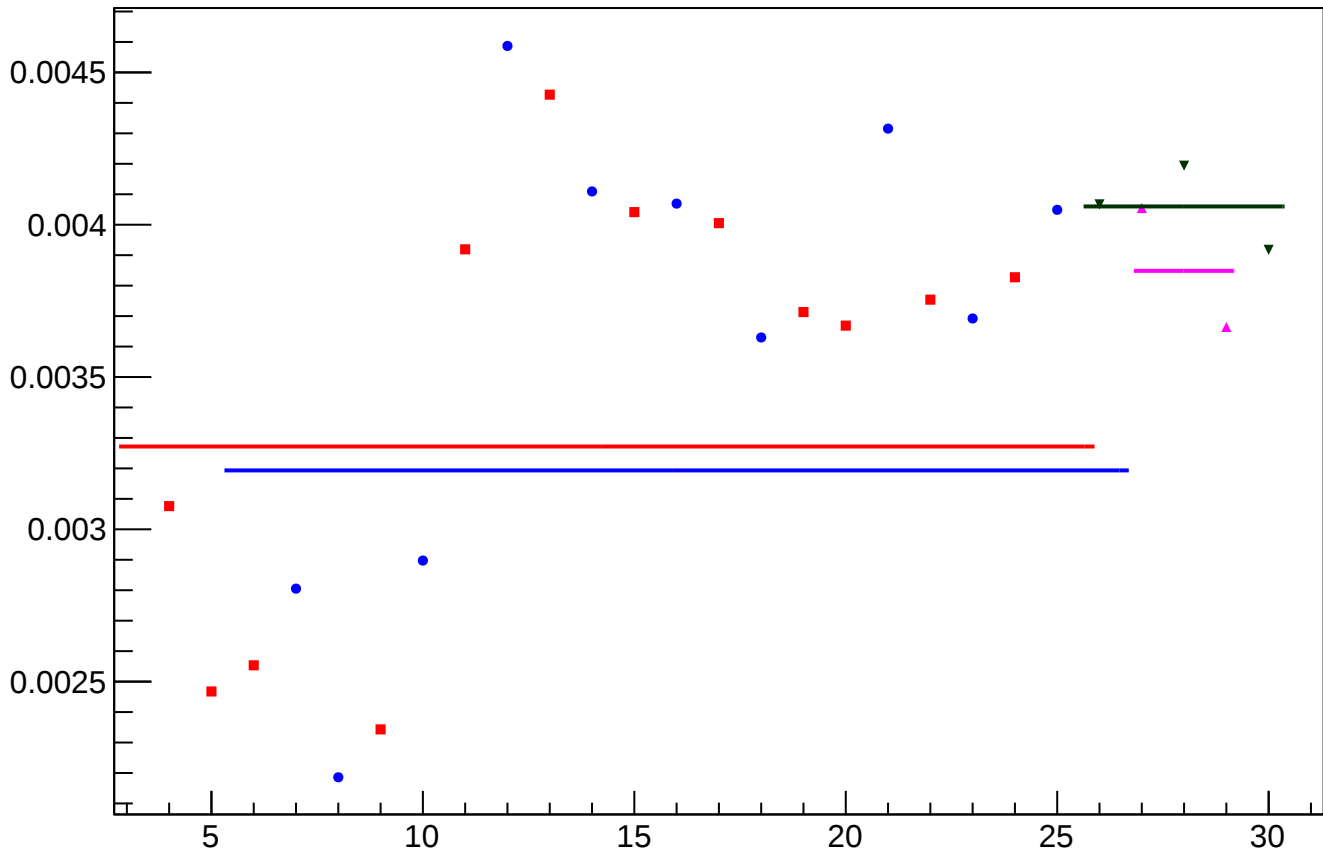
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.079+/-0.000 χ^2/NDF : 326244.4/1

-0.114+/-0.000 χ^2/NDF : 9749764797.4/12

-0.129+/-0.000 χ^2/NDF : 8935064790.6/13

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 816109.2/9

Left Out: 0.004+/-0.000 χ^2/NDF :2562.9/2

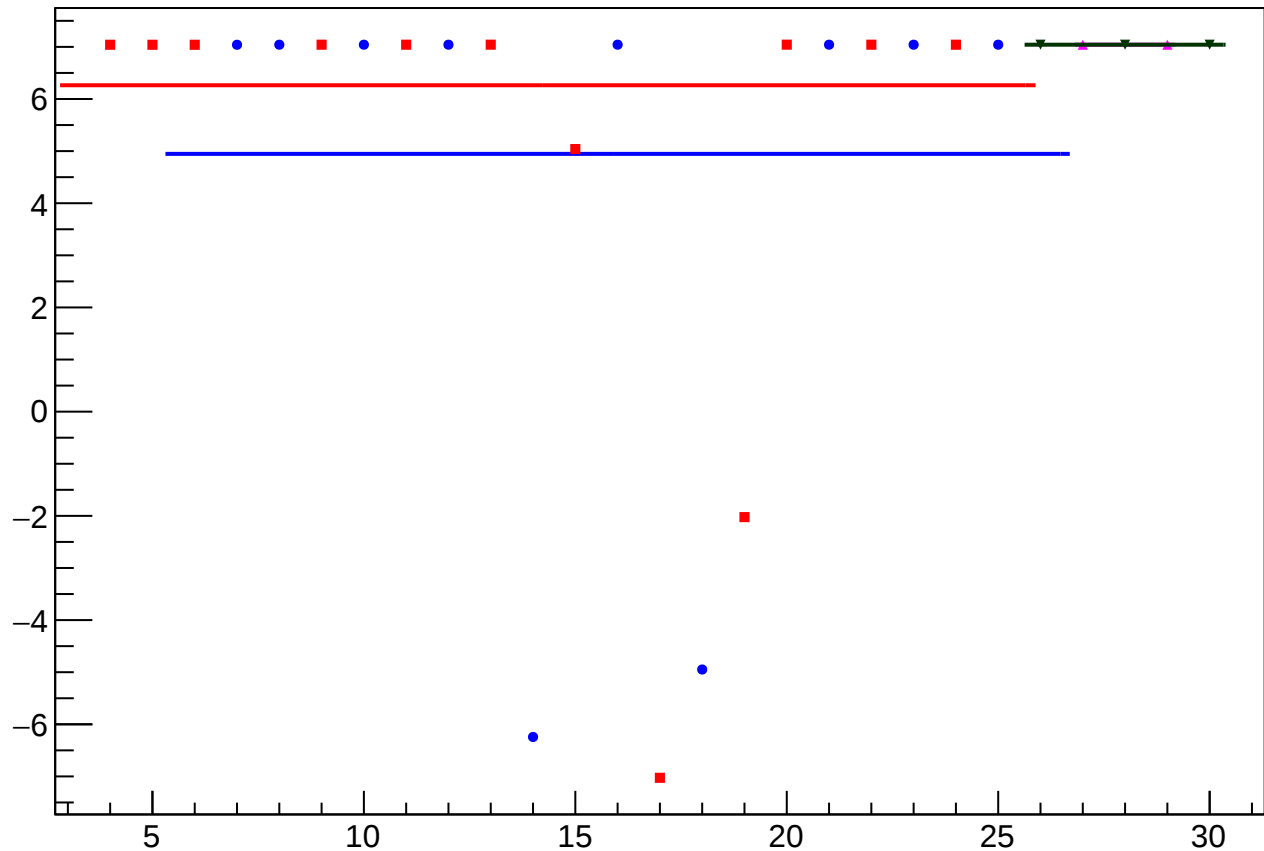
0.003+/-0.000 χ^2/NDF : 941529.5/12

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

0.003+/-0.000 χ^2/NDF : 682913.4/13

Left In: 0.004+/-0.000 χ^2/NDF :8155.4/1

yield_cav4dX_mean vs slug



Right In: 4.947+/-0.000 χ^2/NDF : 4224474165211712.0/9

Left Out: 7.042+/-0.000 χ^2/NDF : 547174.6/2

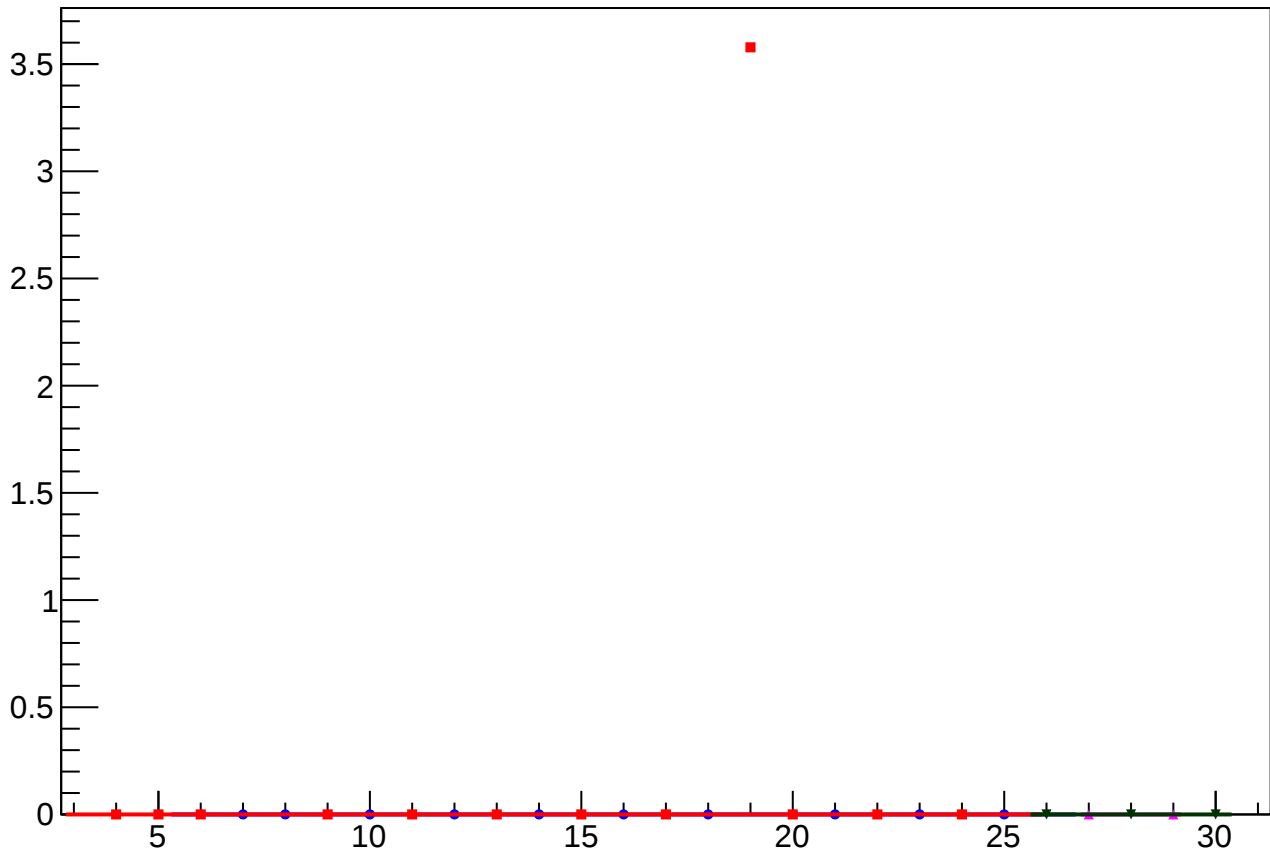
Right Out: 6.264+/-0.000 χ^2/NDF : 1812076141929126.0/11

Left In: 7.042+/-0.000 χ^2/NDF : 133688.1/1

5.486+/-0.000 χ^2/NDF : 4432276165168354.5/1

6.470+/-0.000 χ^2/NDF : 1841127520017521.0/1

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 2529.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 513.7/2

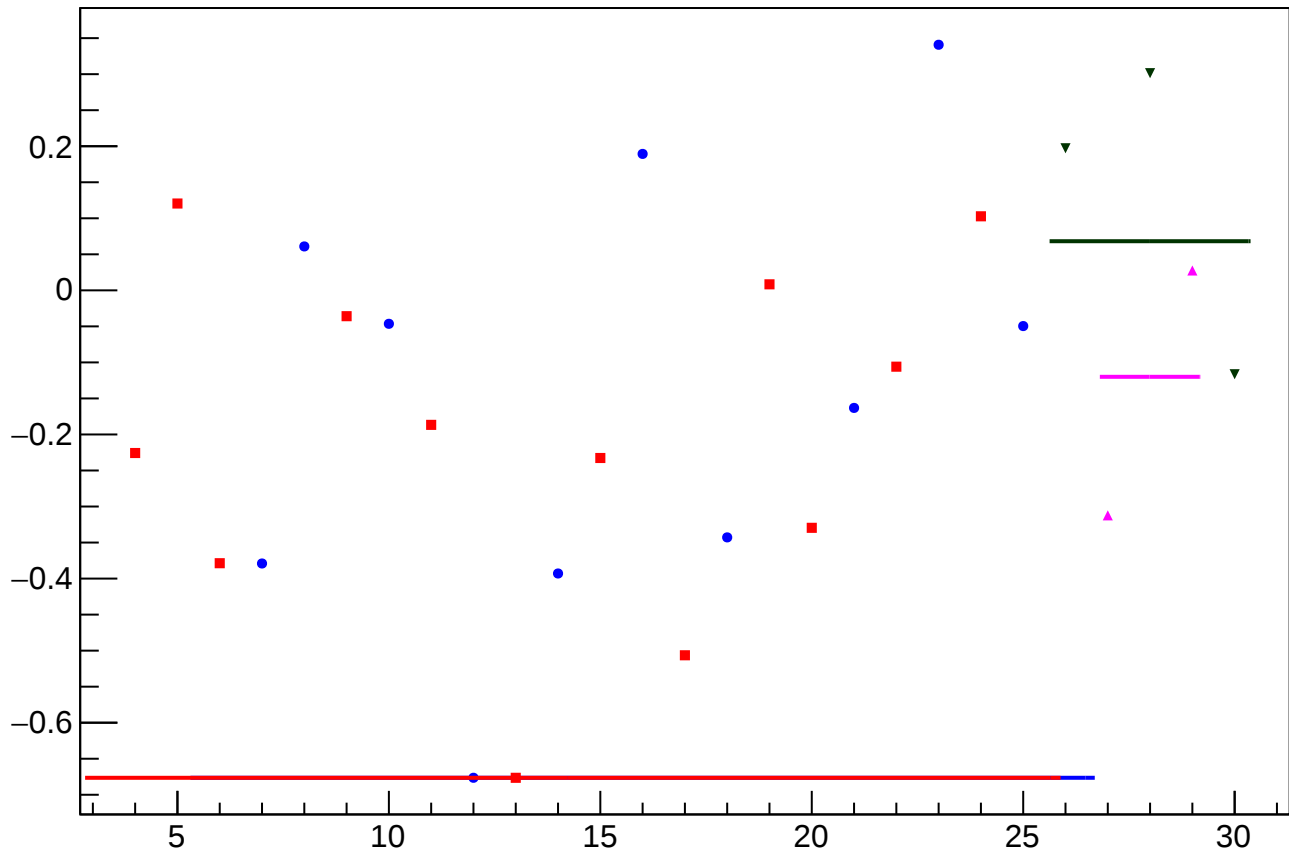
0.000+/-0.000 χ^2/NDF : 3354.2/12

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

0.000+/-0.000 χ^2/NDF : 698426.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 185.8/1

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.068 ± 0.000 χ^2/NDF : 3755238.9/2

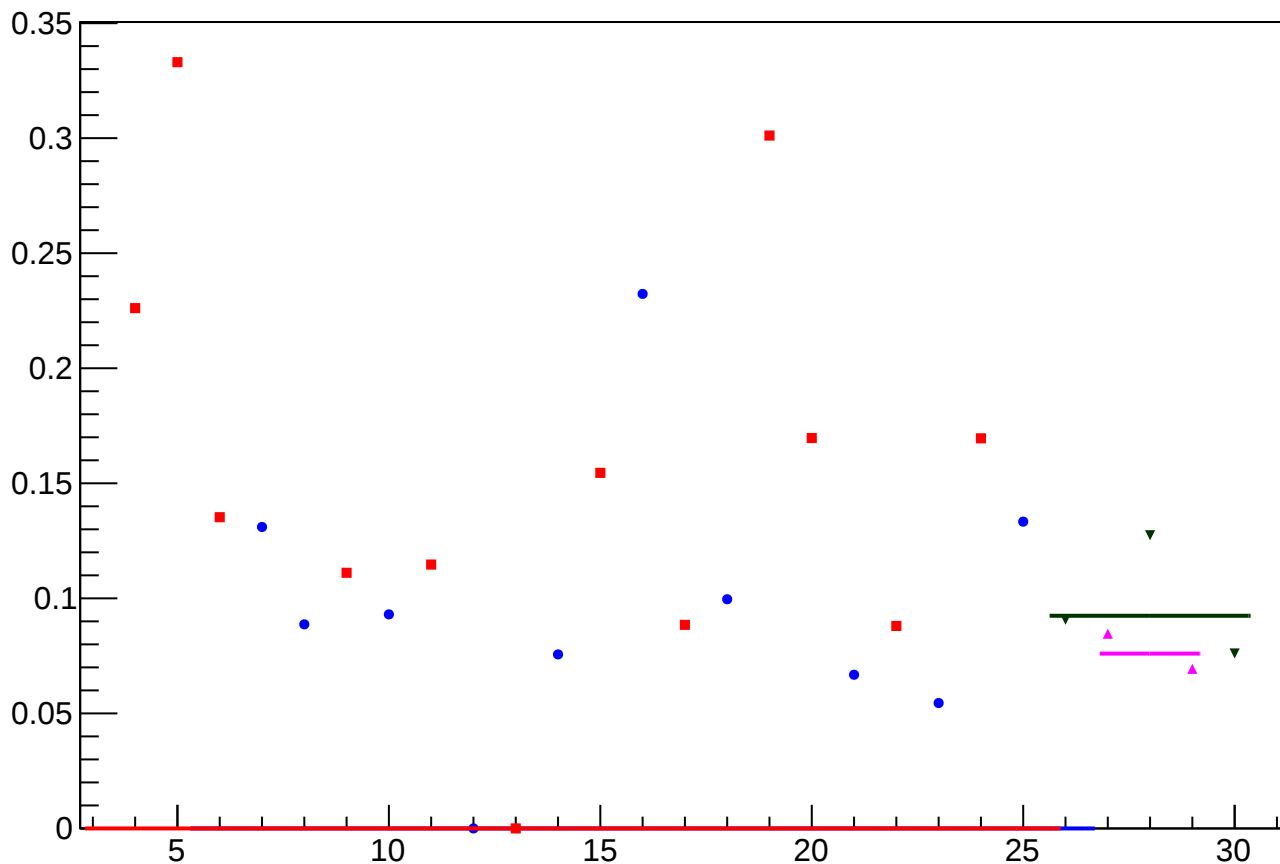
Right Out: -0.676 ± 0.000 χ^2/NDF : 65929973.4/11

Left In: -0.120 ± 0.000 χ^2/NDF : 5036514.6/1

-0.676 ± 0.000 χ^2/NDF : 279063594.4/12

-0.676 ± 0.000 χ^2/NDF : 125945990.7/13

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.092+/-0.000 χ^2/NDF :94105.9/2

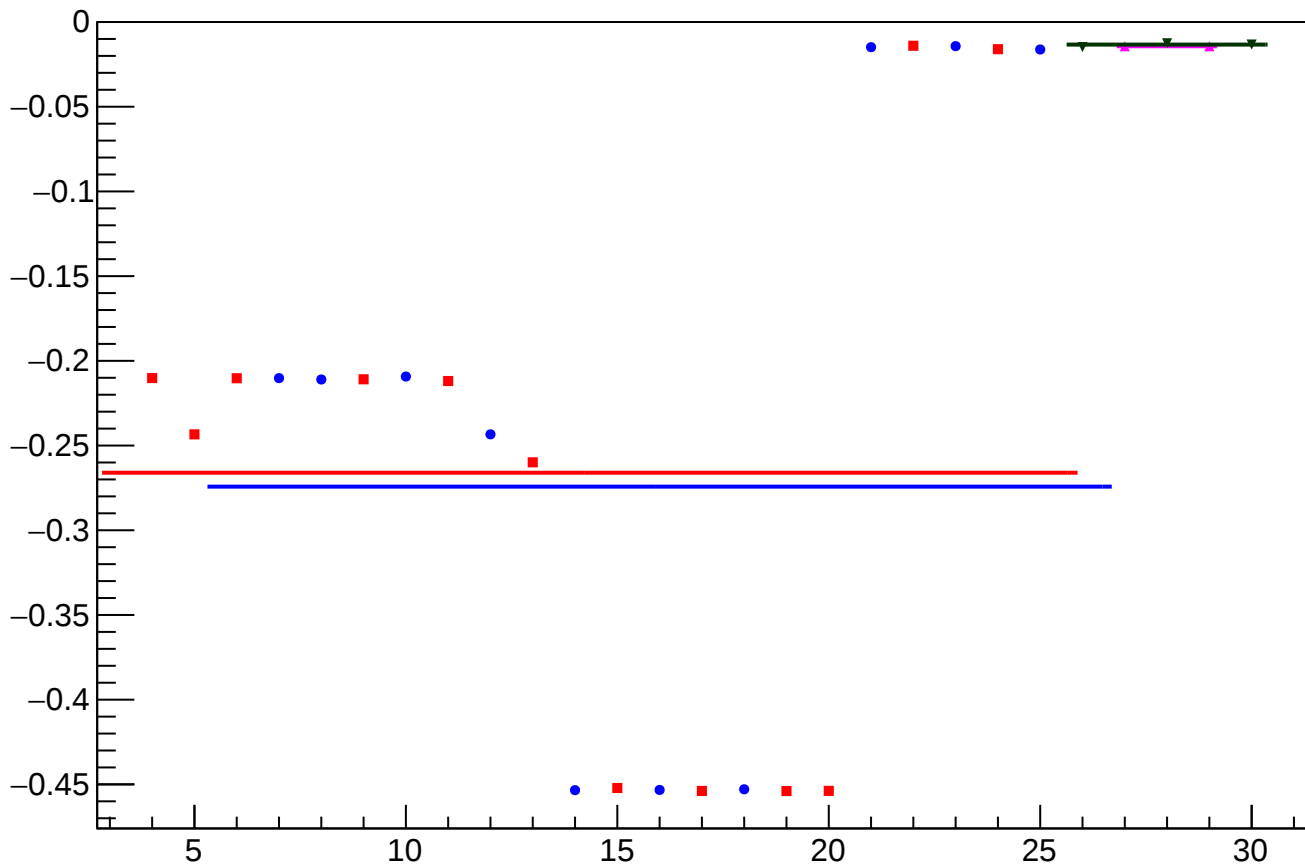
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.076+/-0.000 χ^2/NDF :20367.8/1

0.000+/-0.000 χ^2/NDF : 10287666.6/12

0.000+/-0.000 χ^2/NDF : 10155734.0/13

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.013+/-0.000 χ^2/NDF : 23577.8/2

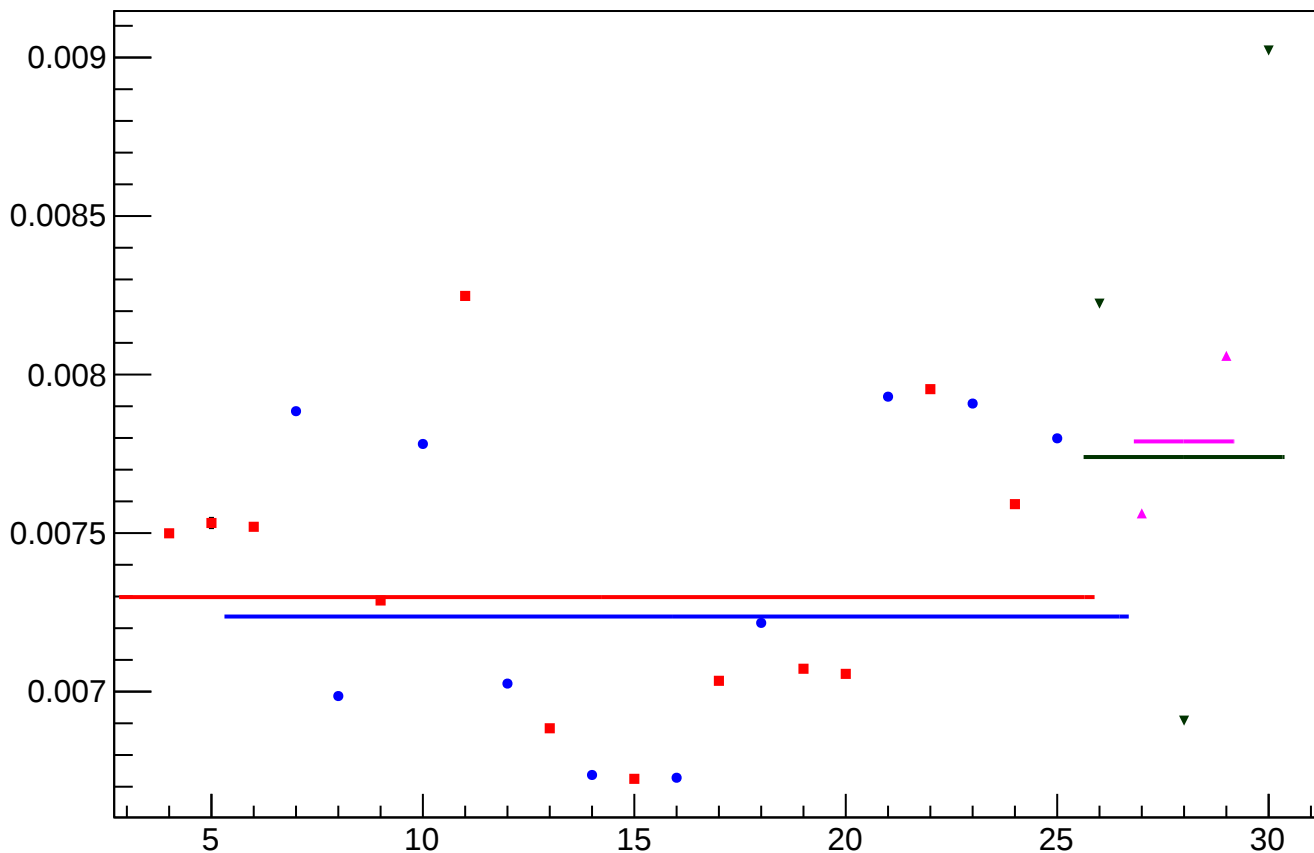
-0.226+/-0.000 χ^2/NDF : 4889177485.8/12

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

-0.219+/-0.000 χ^2/NDF : 4014708972.9/13

Left In: -0.014+/-0.000 χ^2/NDF : 0.3/1

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 : 43831.0/2

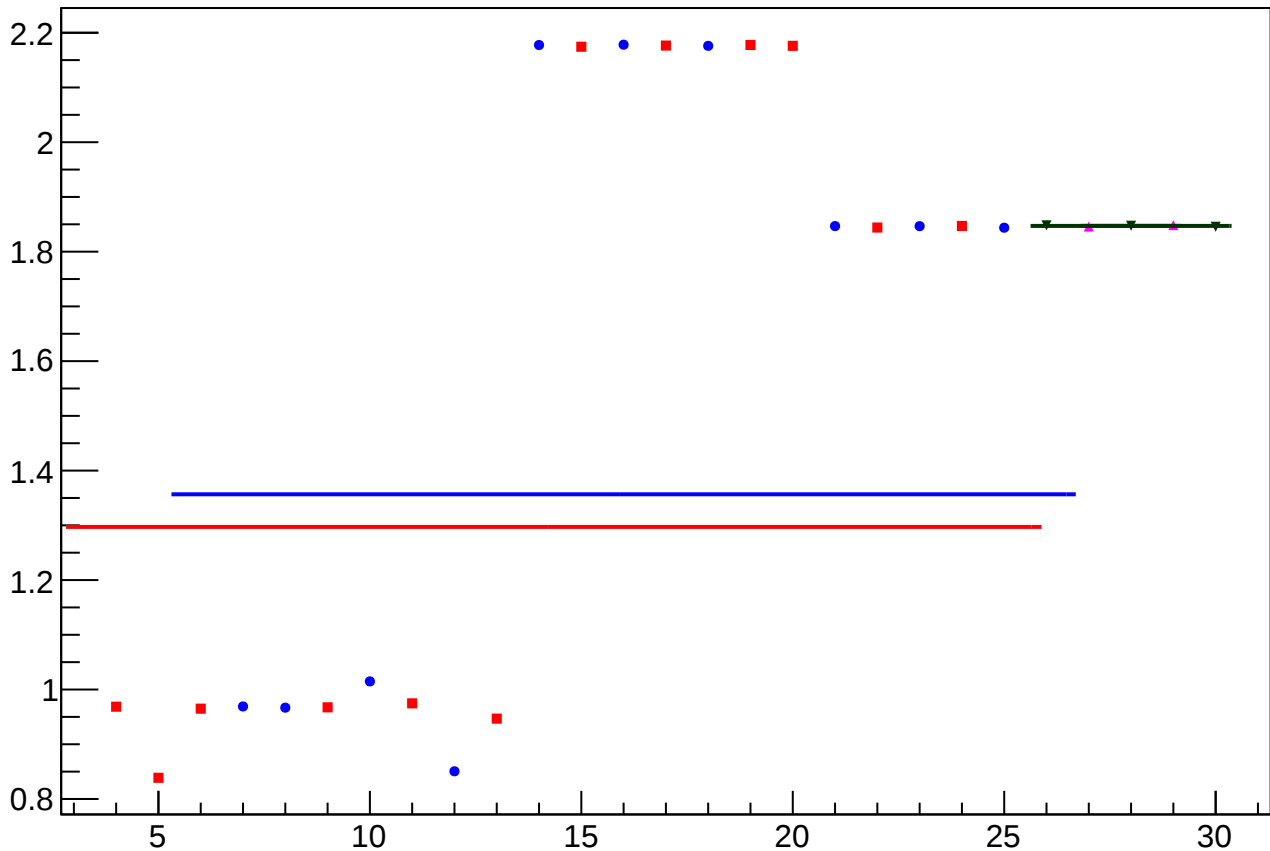
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 3334.0/1

0.007+/-0.000 χ^2/NDF : 109267.0/12

0.007+/-0.000 χ^2/NDF : 60857.7/13

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.847+/-0.000 χ^2/NDF : 7753.1/2

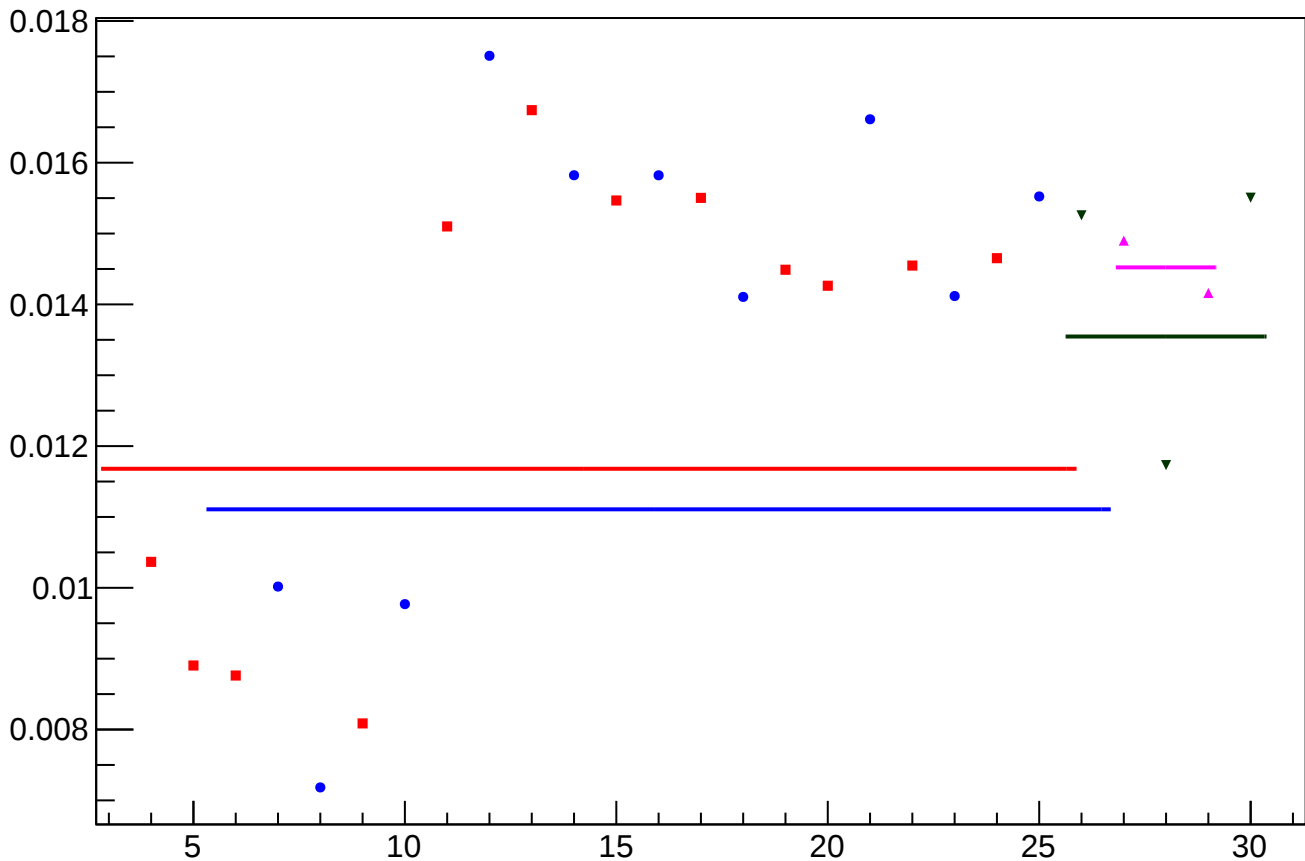
1.434+/-0.000 χ^2/NDF : 14070817249.0/12

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.383+/-0.000 χ^2/NDF : 12911356480.4/13

Left In: 1.847+/-0.000 χ^2/NDF : 12728.4/1

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1302674.8/9

Left Out: 0.014+/-0.000 χ^2/NDF :56033.9/2

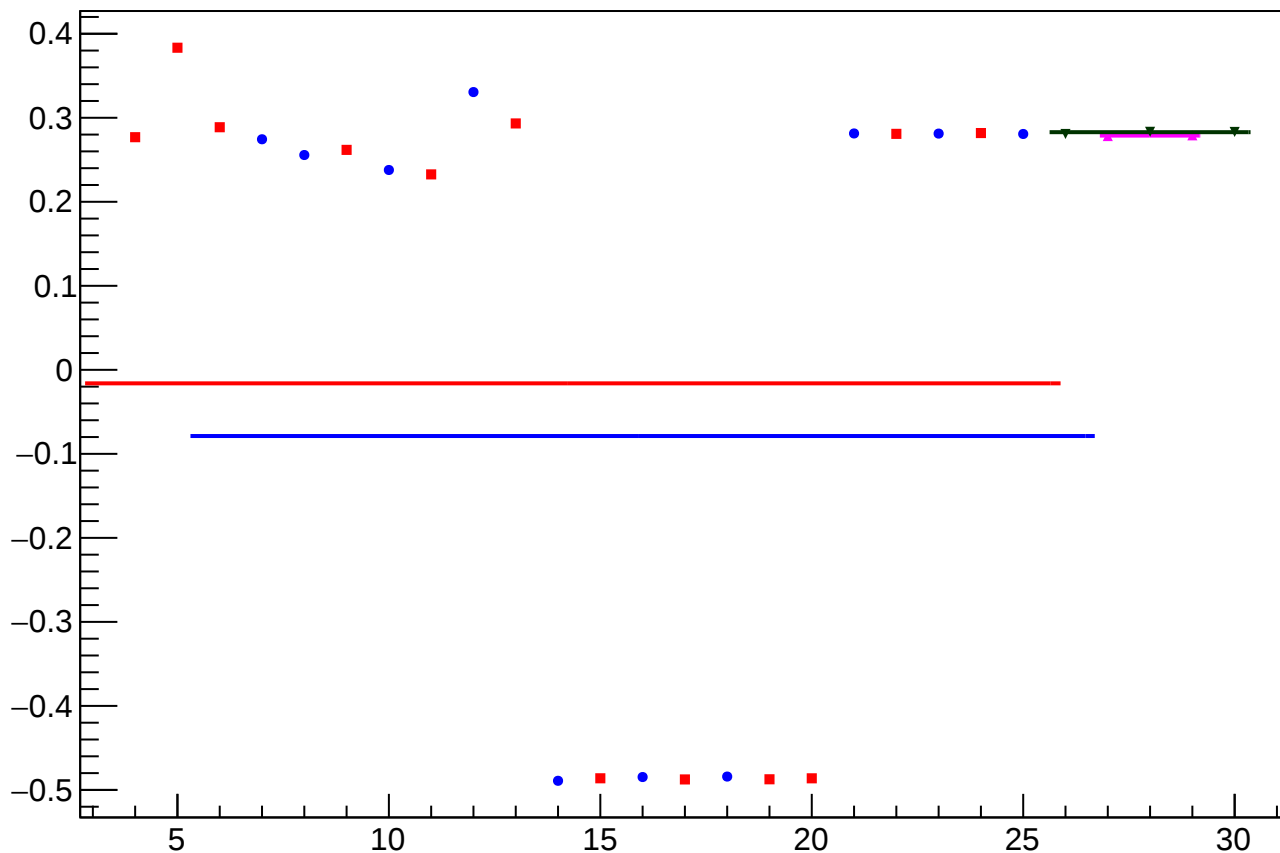
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.015+/-0.000 χ^2/NDF :2093.9/1

0.011+/-0.000 χ^2/NDF : 1442693.4/12

0.012+/-0.000 χ^2/NDF : 1037487.6/13

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.283+/-0.000 χ^2/NDF :2432.6/2

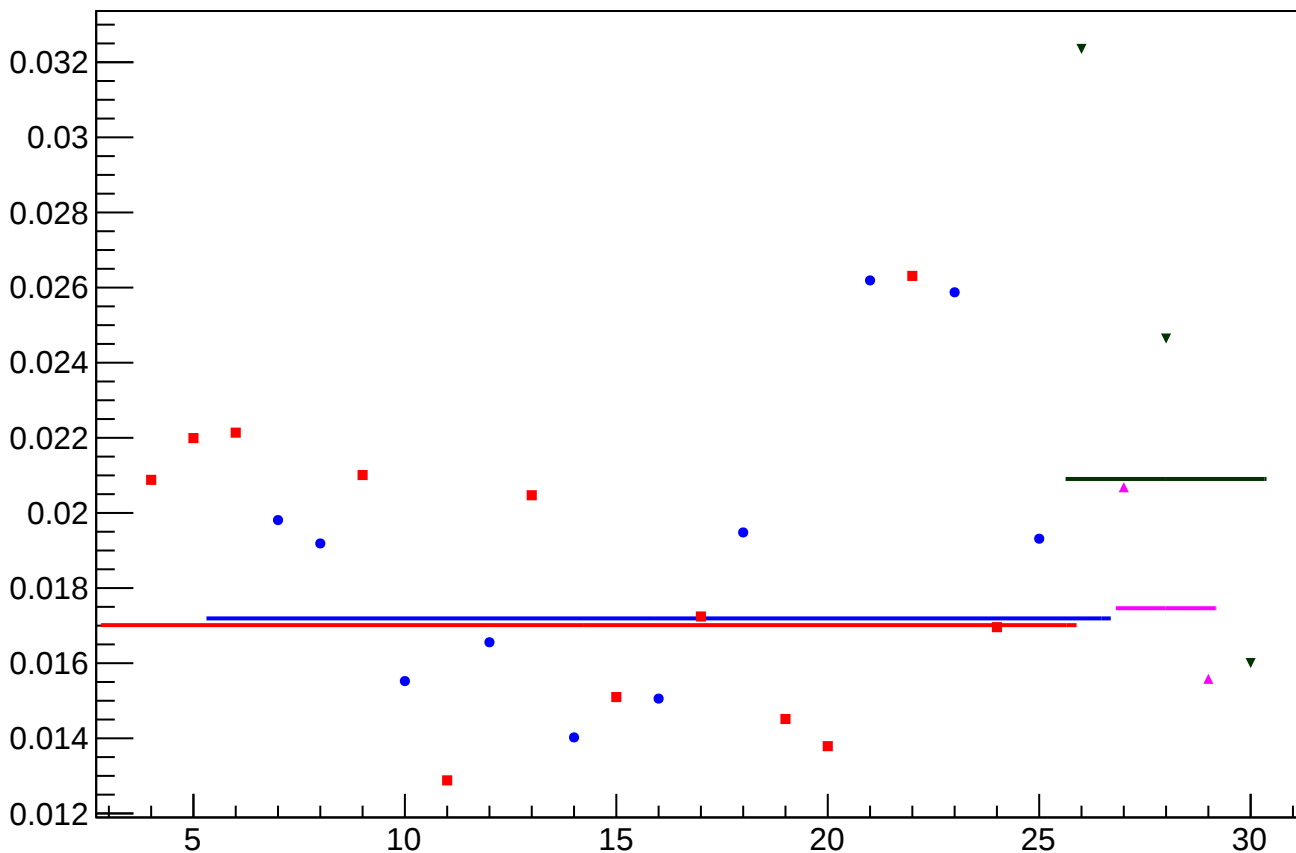
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.279+/-0.000 χ^2/NDF :867.1/1

-0.027+/-0.000 χ^2/NDF : 3268121768.4/12

0.042+/-0.000 χ^2/NDF : 3086328205.7/13

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.021+/-0.000 χ^2/NDF : 237619.3/2

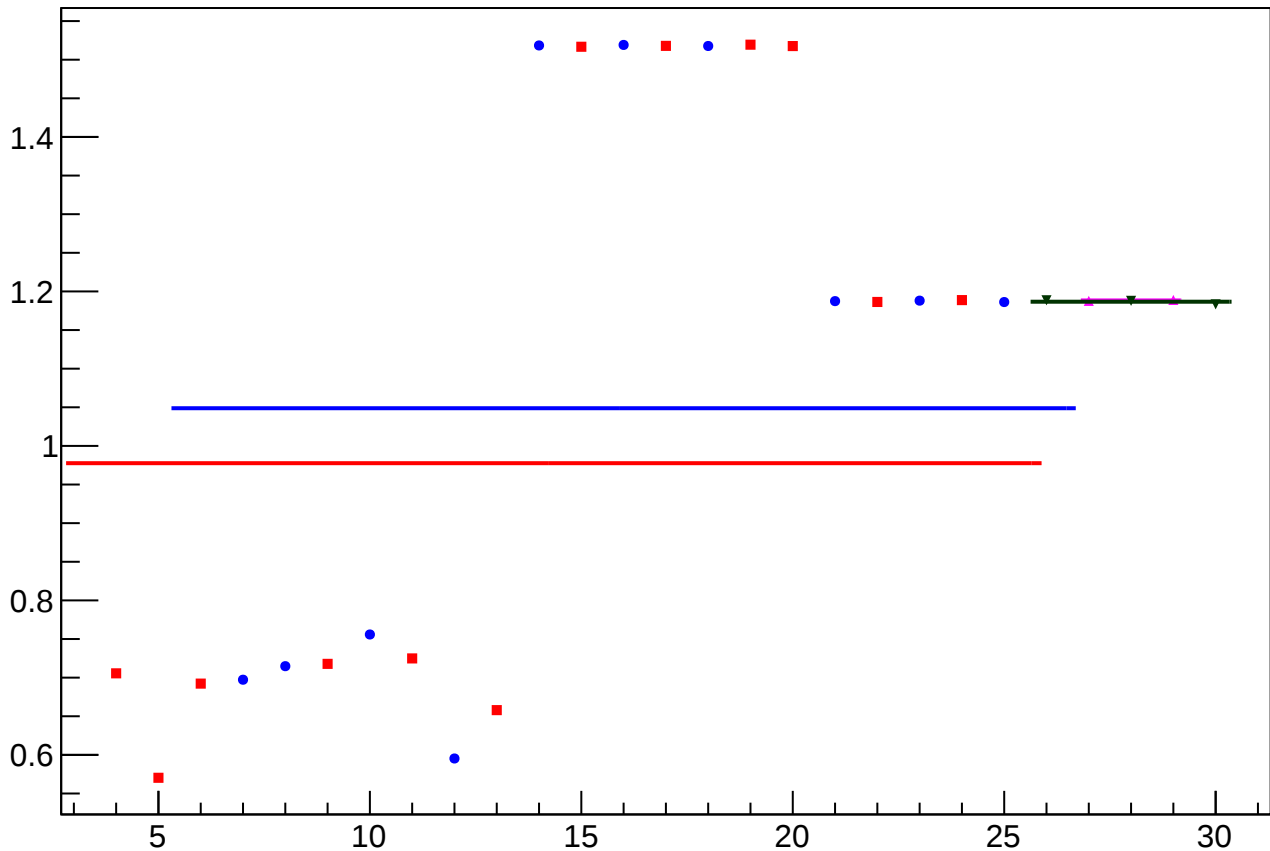
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.017+/-0.000 χ^2/NDF : 60084.6/1

0.018+/-0.000 χ^2/NDF : 796038.0/12

0.017+/-0.000 χ^2/NDF : 603673.8/13

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.187+/-0.000 χ^2/NDF : 90922.4/2

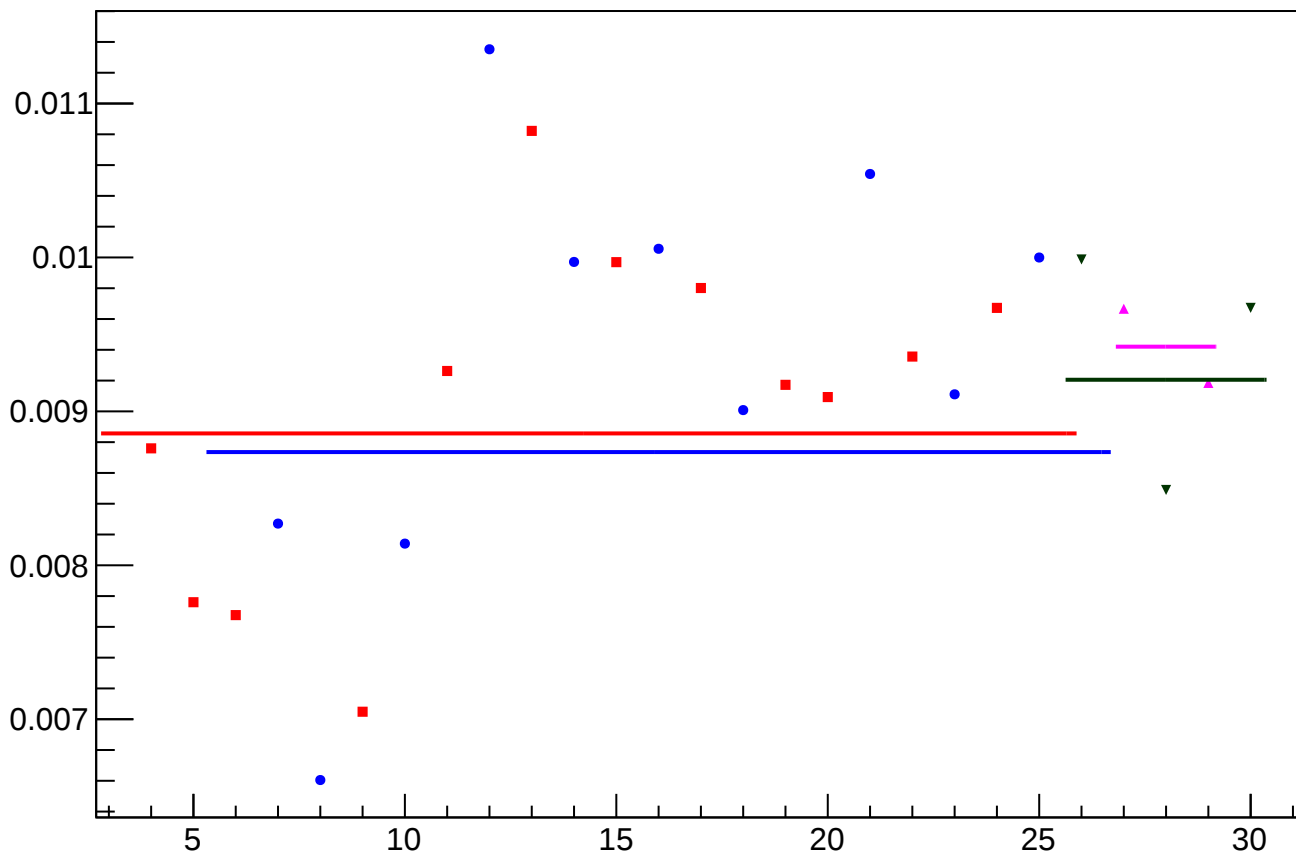
1.075+/-0.000 χ^2/NDF : 10554775917.5/12

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

1.017+/-0.000 χ^2/NDF : 10544367804.6/13

Left In: 1.188+/-0.000 χ^2/NDF : 6535.0/1

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 359497.5/9

Left Out: 0.009+/-0.000 χ^2/NDF : 16942.8/2

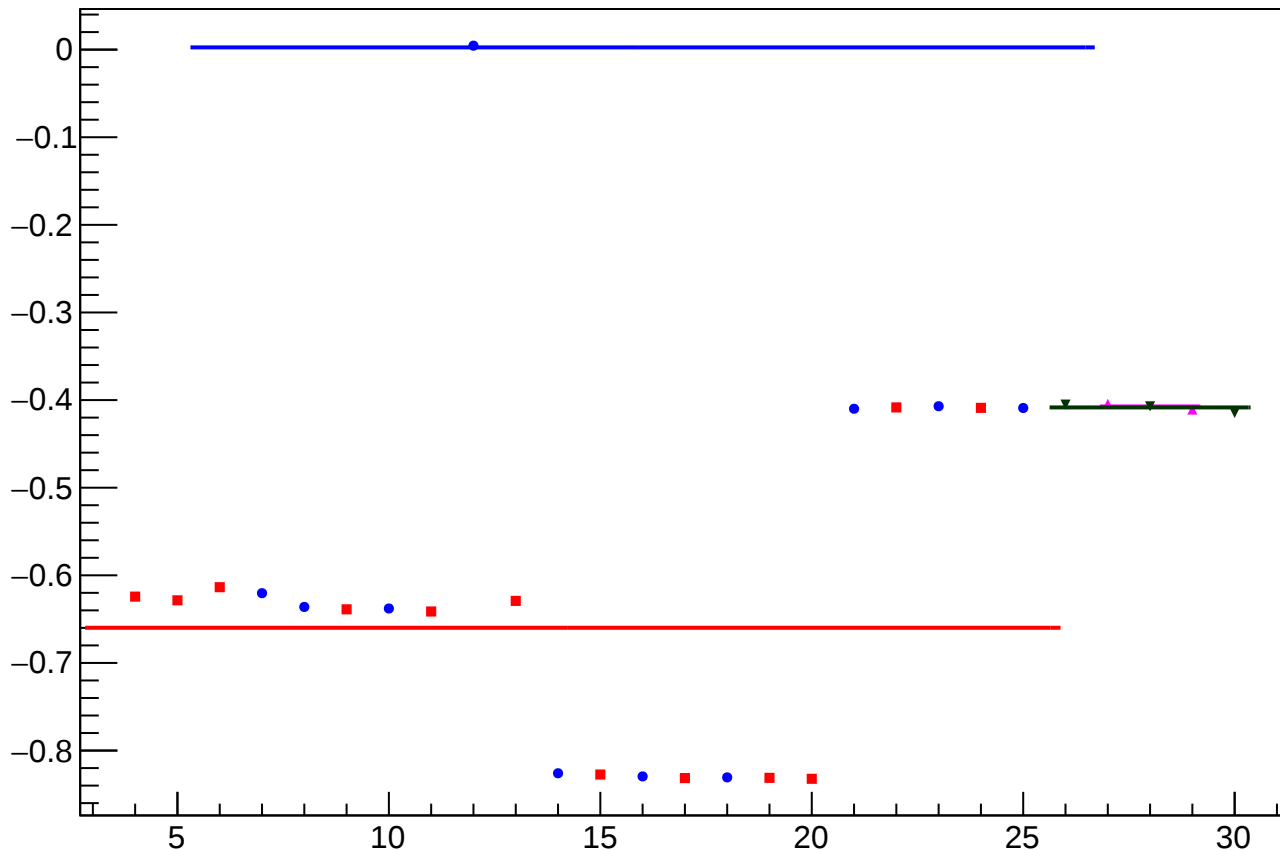
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 2083.2/1

0.009+/-0.000 χ^2/NDF : 383125.9/12

0.009+/-0.000 χ^2/NDF : 235184.8/13

yield_bpm4acX_mean vs slug



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 51925247581.1/9

Left Out: -0.408 $\pm$ 0.000 χ^2 /NDF: 340279.0/2

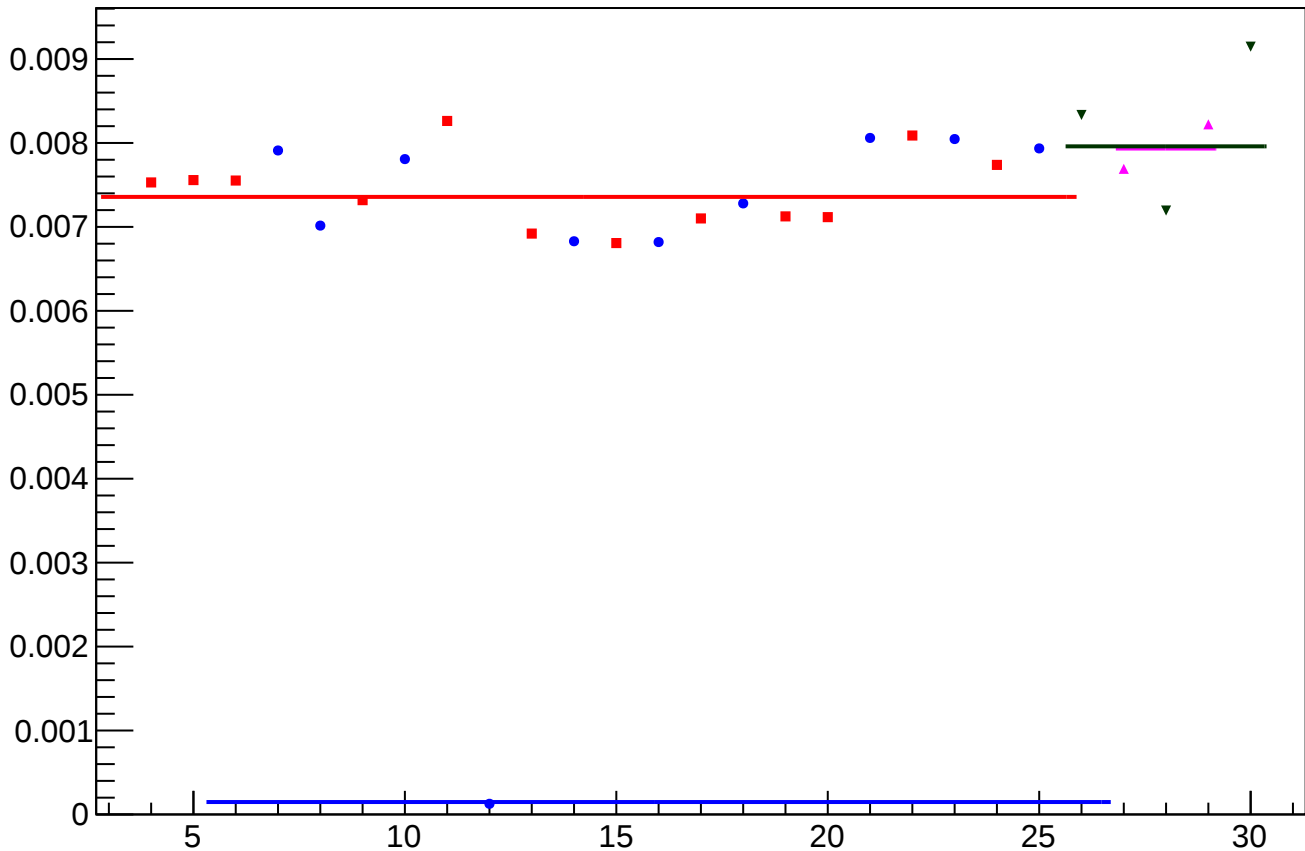
Right Out: -0.660 $\pm$ 0.000 χ^2 /NDF: 2254569212.9/11

Left In: -0.407 $\pm$ 0.000 χ^2 /NDF: 276322.5/1

0.002 $\pm$ 0.000 χ^2 /NDF: 56372318424.9/12

-0.614 $\pm$ 0.000 χ^2 /NDF: 3625097106.7/13

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11156093.4/9

Left Out: 0.008+/-0.000 χ^2/NDF : 34836.2/2

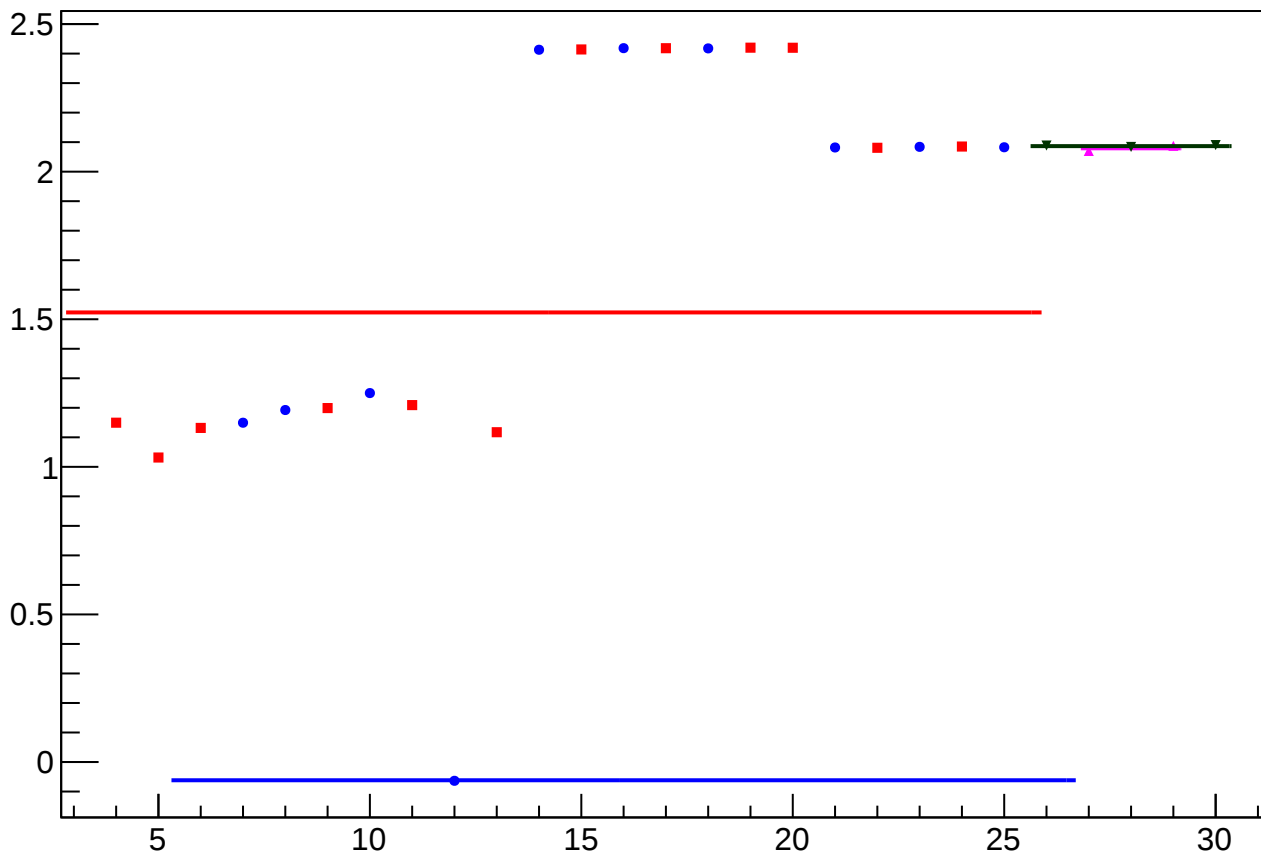
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.008+/-0.000 χ^2/NDF : 3661.2/1

0.000+/-0.000 χ^2/NDF : 14404731.4/12

0.007+/-0.000 χ^2/NDF : 64840.4/13

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.087+/-0.000 χ^2/NDF : 63844.3/2

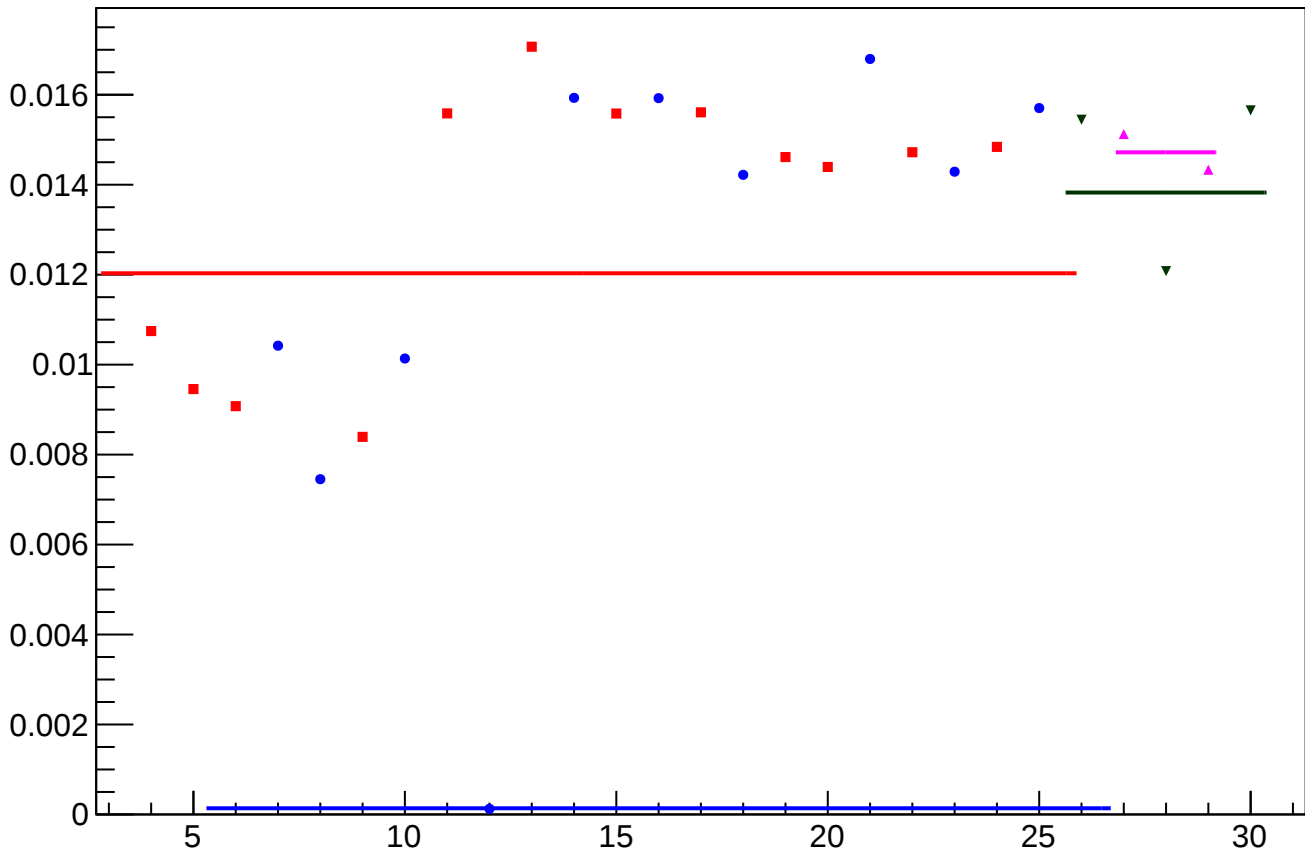
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.079+/-0.000 χ^2/NDF : 561043.8/1

-0.061+/-0.000 χ^2/NDF : 164269517572.8/12

1.611+/-0.000 χ^2/NDF : 13302495992.4/13

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10894753.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 48749.9/2

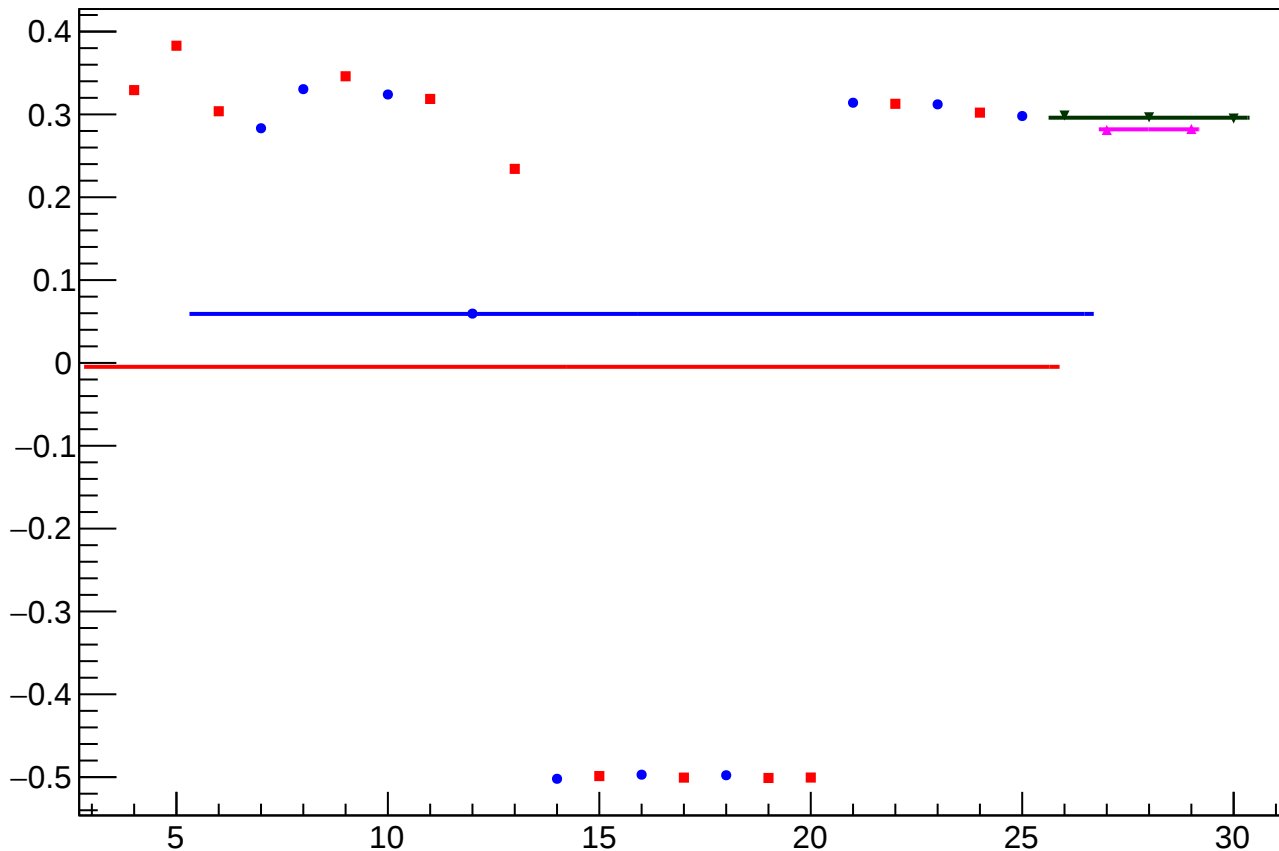
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 2341.7/1

0.000+/-0.000 χ^2/NDF : 13969908.2/12

0.012+/-0.000 χ^2/NDF : 951832.4/13

yield_bpm4ecX_mean vs slug



Right In: 0.059 $\pm$ 0.000 χ^2 /NDF: 3541111693.7/9

Left Out: 0.296 $\pm$ 0.000 χ^2 /NDF:5082.9/2

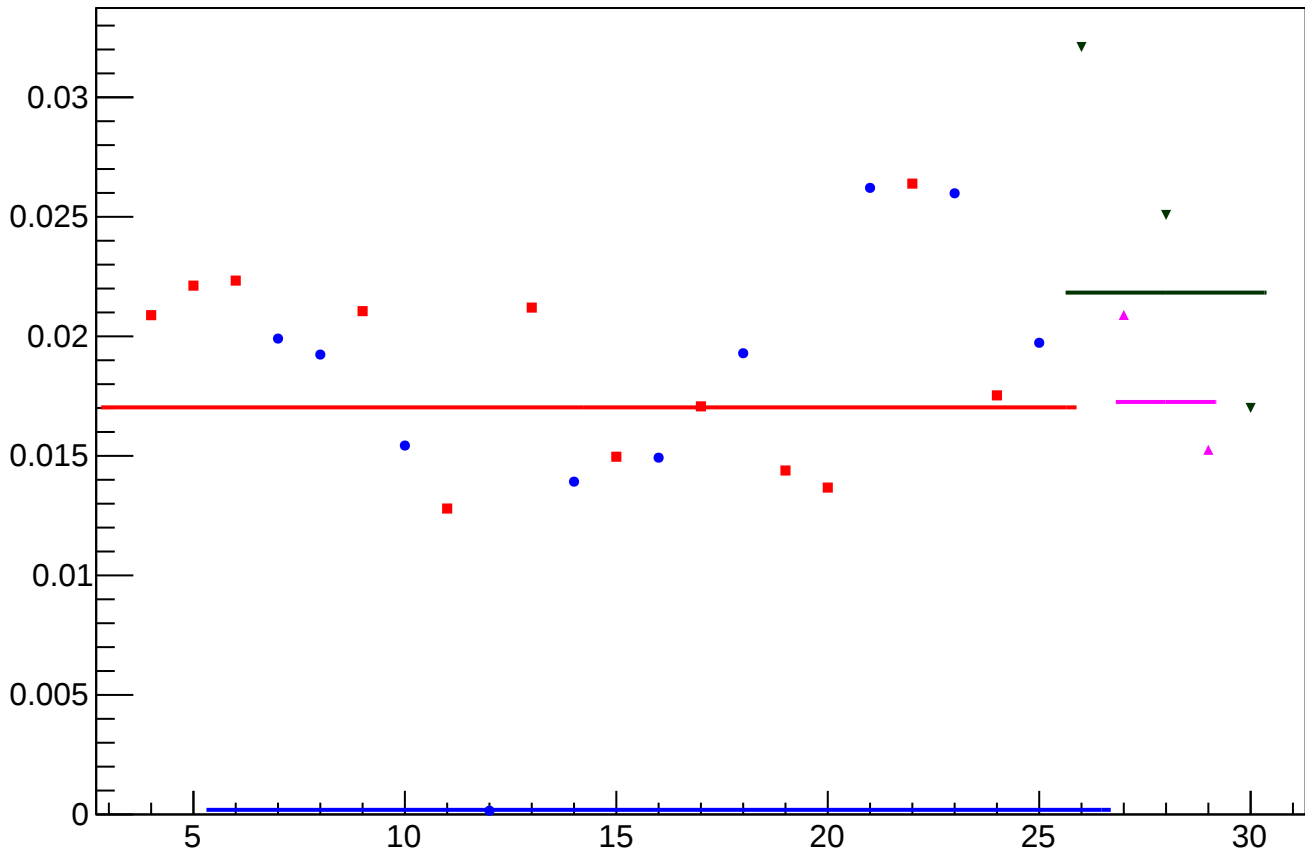
0.059 $\pm$ 0.000 χ^2 /NDF: 3717170265.3/12

Right Out: -0.005 $\pm$ 0.000 χ^2 /NDF: 3140963258.0/11

0.053 $\pm$ 0.000 χ^2 /NDF: 3476886665.4/13

Left In: 0.282 $\pm$ 0.000 χ^2 /NDF:1726.3/1

yield_bpm4ecX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10989835.4/9

Left Out: 0.022 $\pm$ 0.000 χ^2 /NDF:195549.3/2

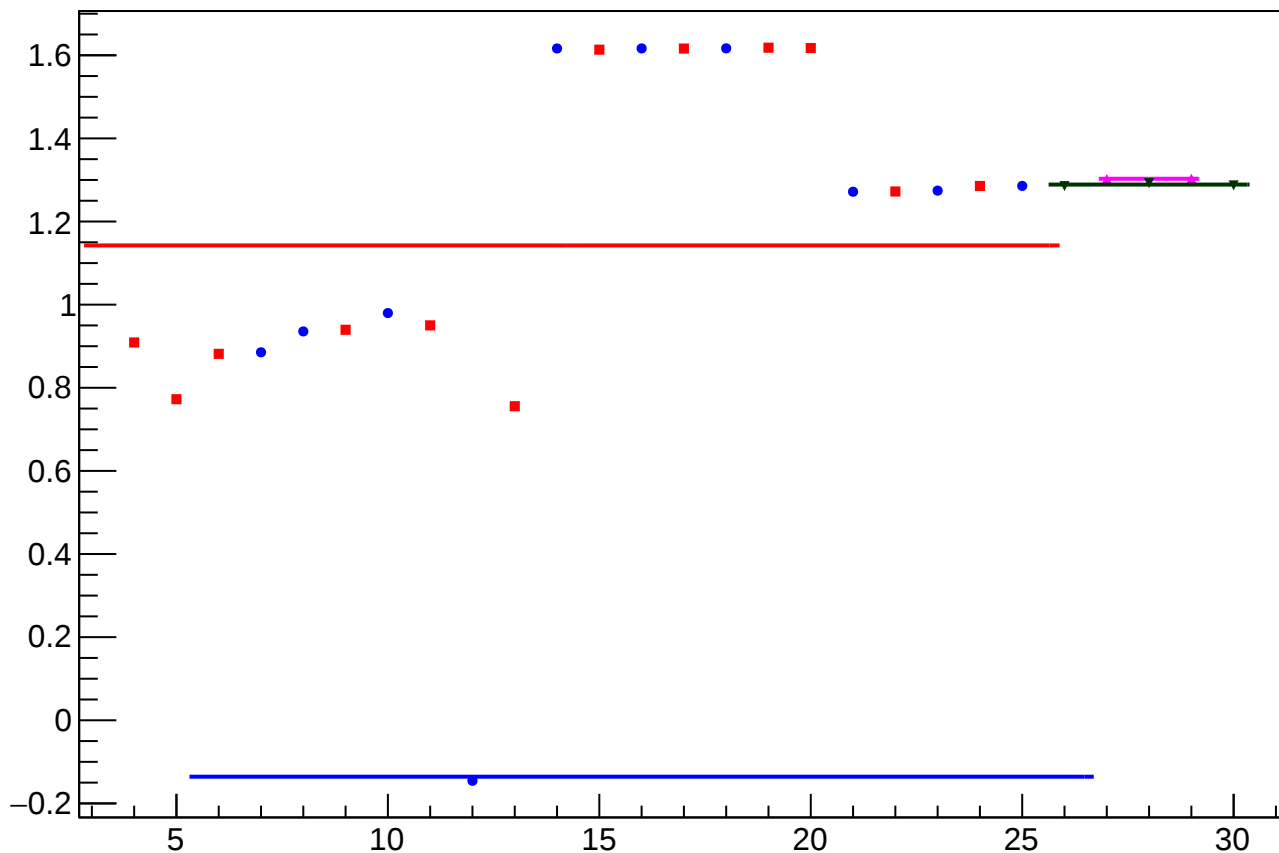
Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 584593.5/11

Left In: 0.017 $\pm$ 0.000 χ^2 /NDF:74564.5/1

0.000 $\pm$ 0.000 χ^2 /NDF: 14123796.0/12

0.017 $\pm$ 0.000 χ^2 /NDF: 659577.1/13

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.289+/-0.000 χ^2/NDF :127587.9/2

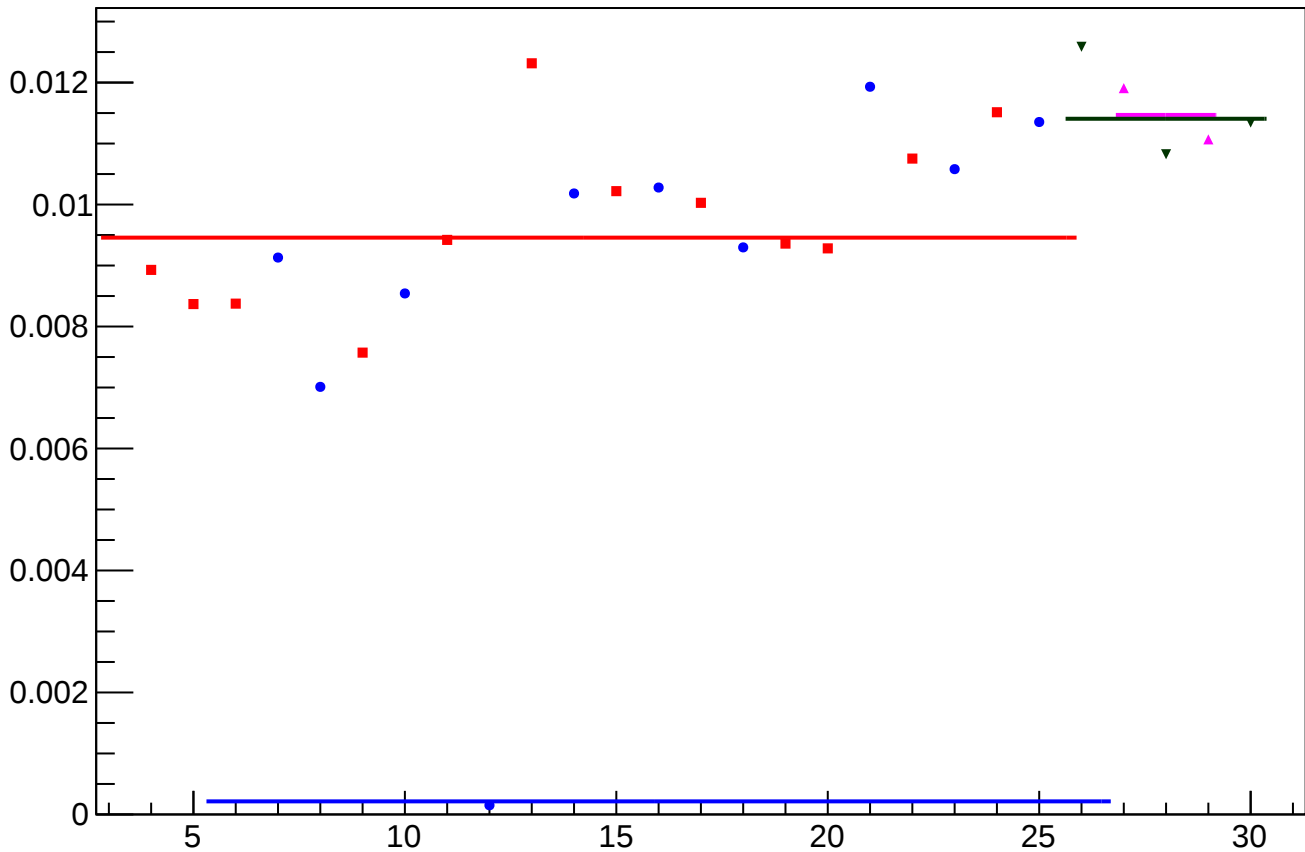
Right Out: 1.142+/-0.000 χ^2/NDF : 7015082012.3/11

Left In: 1.303+/-0.000 χ^2/NDF :2990.7/1

-0.134+/-0.000 χ^2/NDF : 156251486452.3/12

1.167+/-0.000 χ^2/NDF : 7280366354.3/13

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10811399.3/9

Left Out: 0.011+/-0.000 χ^2/NDF : 11969.0/2

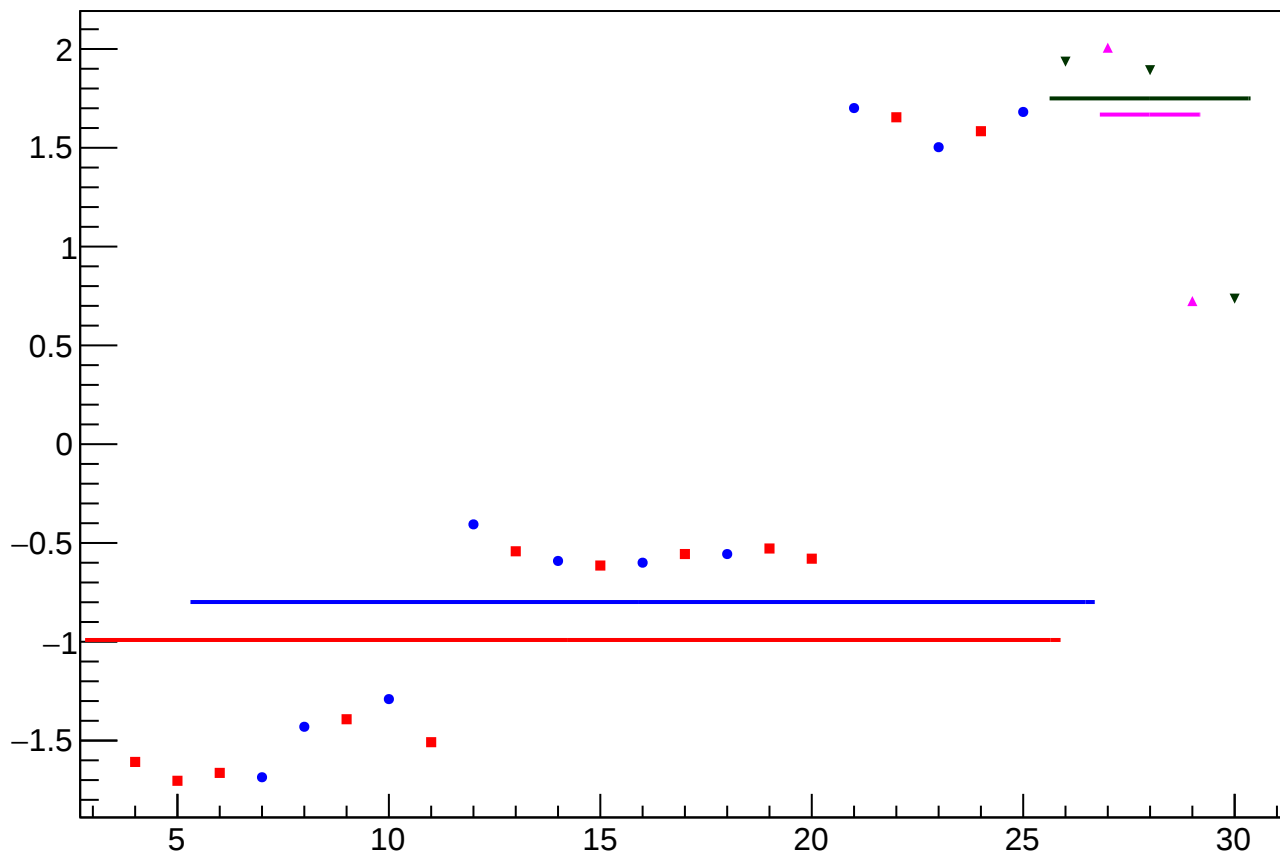
Right Out: 0.009+/-0.000 χ^2/NDF : 269492.1/11

Left In: 0.011+/-0.000 χ^2/NDF : 4286.0/1

0.000+/-0.000 χ^2/NDF : 13921969.8/12

0.010+/-0.000 χ^2/NDF : 357255.0/13

yield_bpm1X_mean vs slug



Right In: -0.799 ± 0.000 $\chi^2/\text{NDF}: 2108272061.1/9$

Left Out: 1.750 ± 0.000 $\chi^2/\text{NDF}: 17513049.9/2$

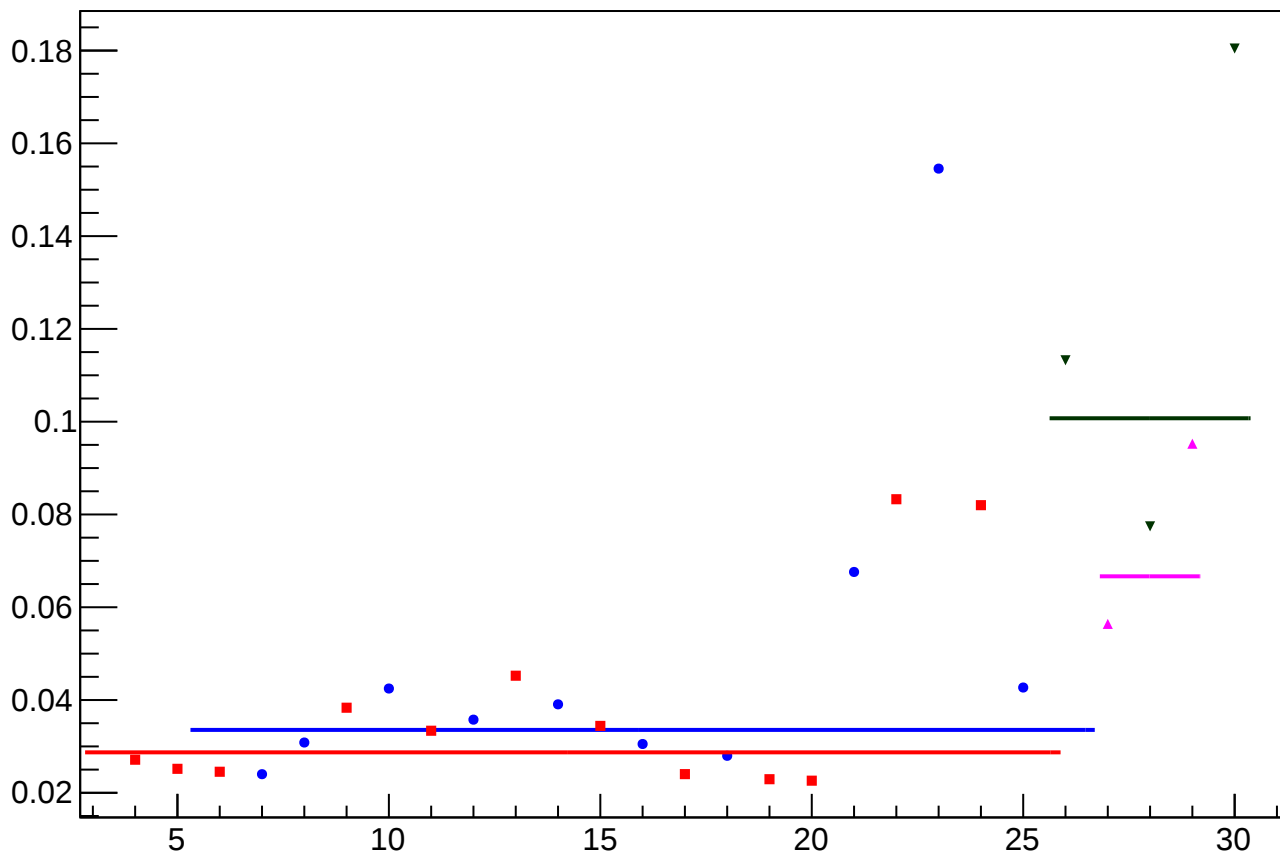
Right Out: -0.991 ± 0.000 $\chi^2/\text{NDF}: 2016562689.3/11$

Left In: 1.668 ± 0.000 $\chi^2/\text{NDF}: 71246856.3/1$

-0.728 ± 0.000 $\chi^2/\text{NDF}: 2823504536.0/12$

-0.885 ± 0.000 $\chi^2/\text{NDF}: 3601924827.0/13$

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.101+/-0.000 χ^2/NDF : 268477.0/2

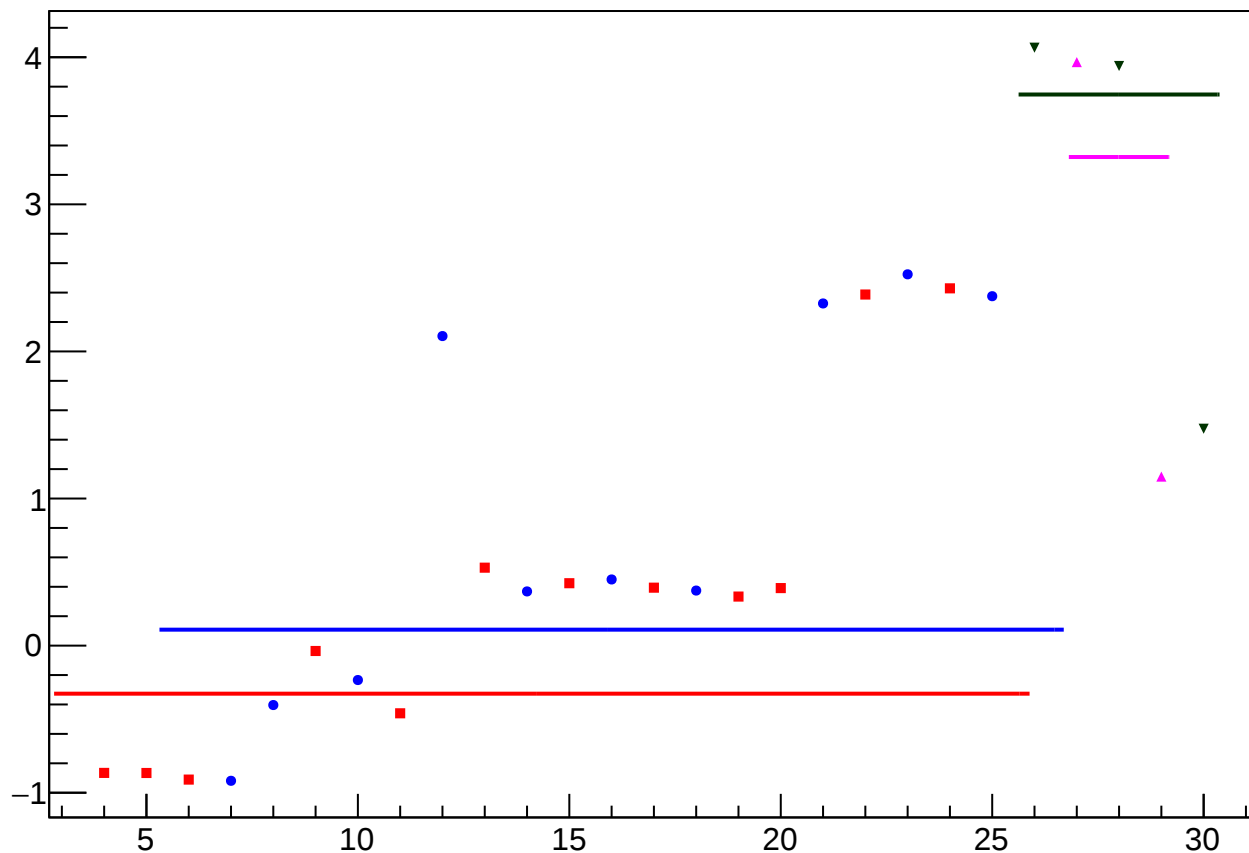
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.067+/-0.000 χ^2/NDF : 130724.6/1

0.035+/-0.000 χ^2/NDF : 2271659.4/12

0.030+/-0.000 χ^2/NDF : 1712442.9/13

yield_bpm1Y_mean vs slug



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

Left Out: 3.747+/-0.000 χ^2/NDF :140206919.9/2

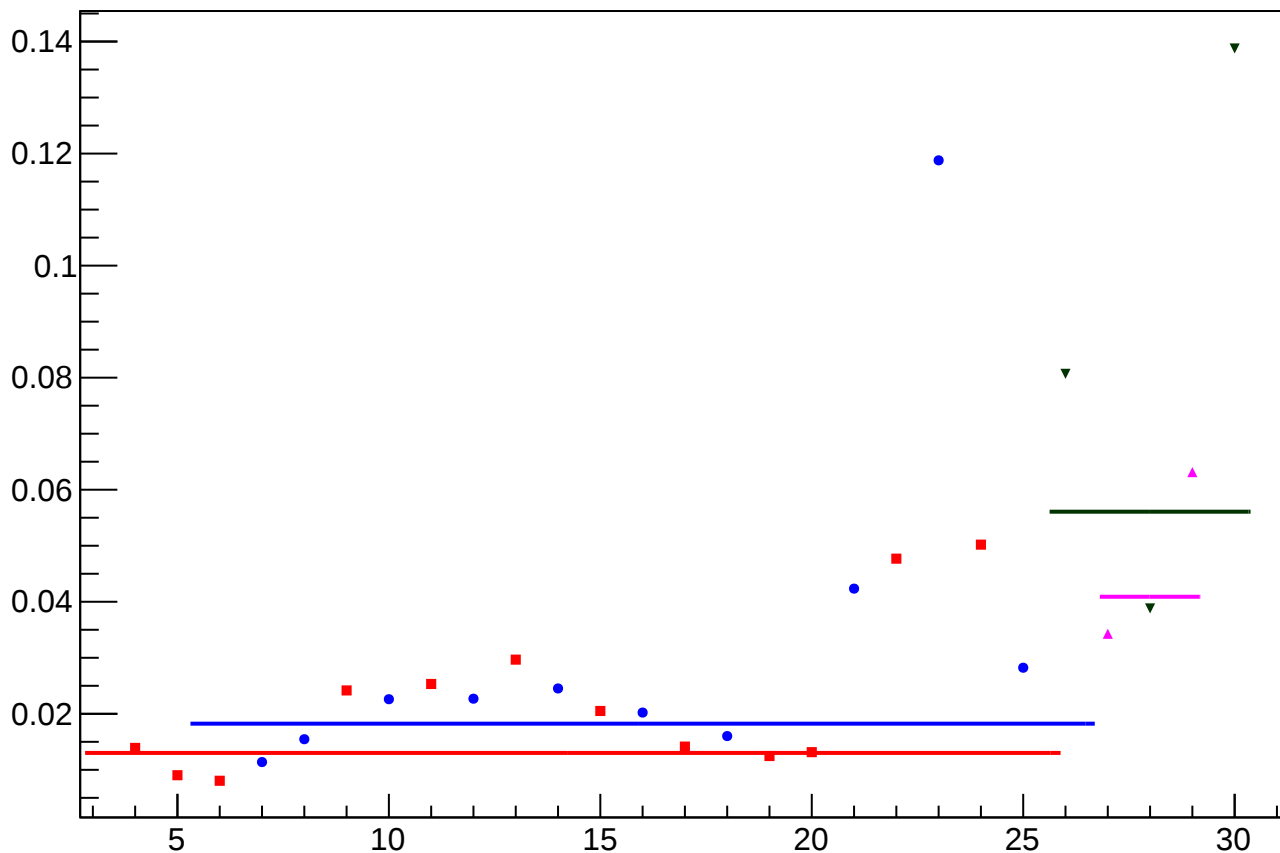
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 3.322+/-0.000 χ^2/NDF :720673674.7/1

0.198+/-0.000 χ^2/NDF : 11835080990.7/12

-0.239+/-0.000 χ^2/NDF : 16686412522.0/13

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.056+/-0.000 χ^2/NDF : 521822.9/2

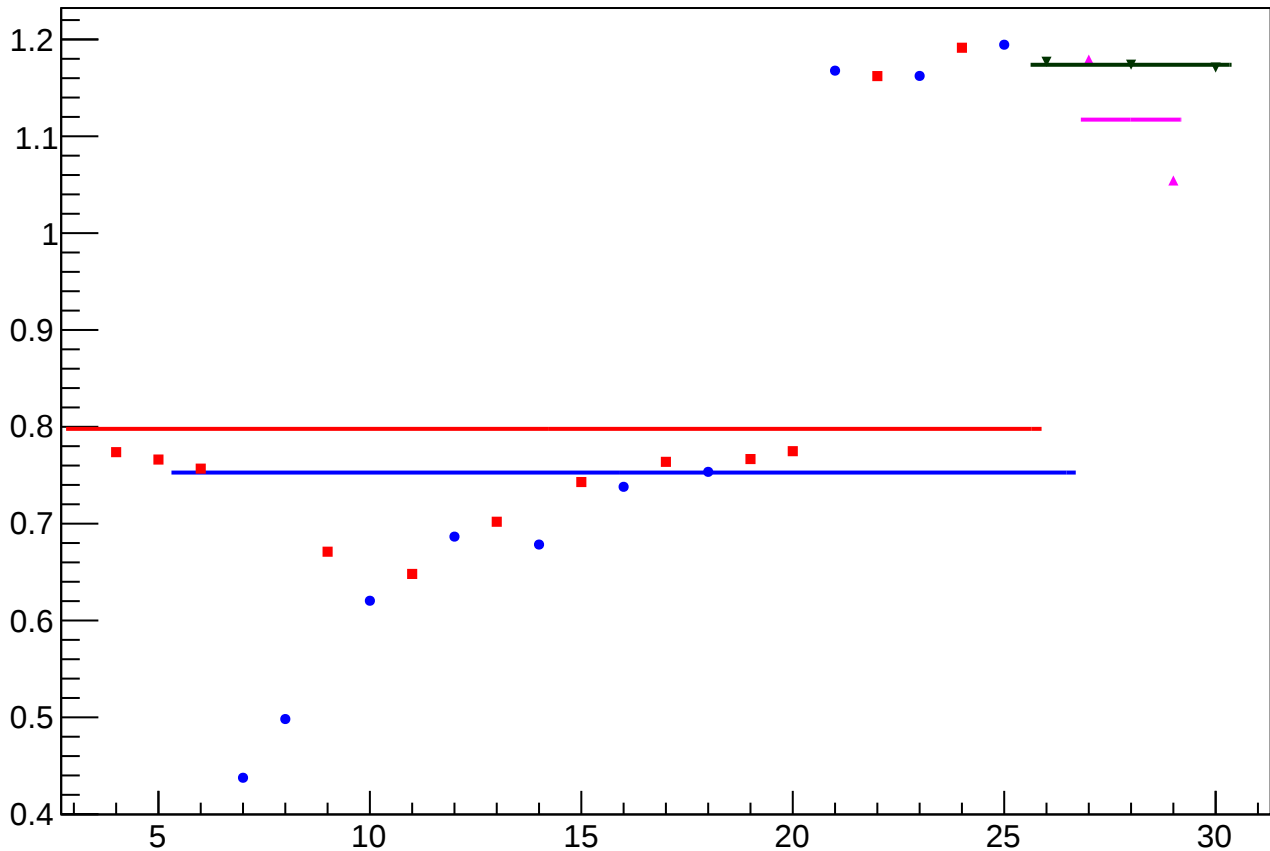
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.041+/-0.000 χ^2/NDF : 151083.4/1

0.019+/-0.000 χ^2/NDF : 2617534.8/12

0.014+/-0.000 χ^2/NDF : 2788312.1/13

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.174+/-0.000 χ^2/NDF :17474.3/2

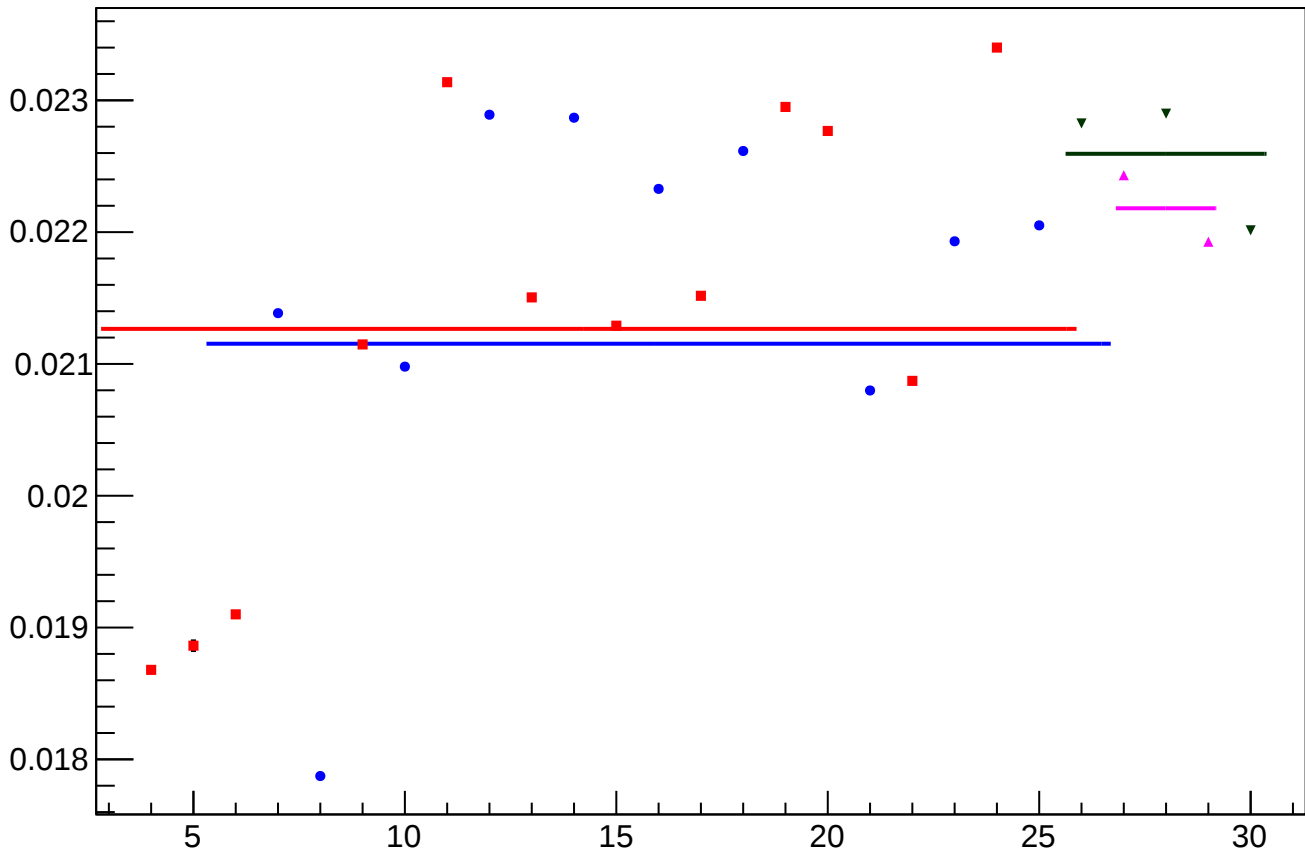
0.833+/-0.000 χ^2/NDF : 1312228072.0/12

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

0.860+/-0.000 χ^2/NDF : 679795672.5/13

Left In: 1.117+/-0.000 χ^2/NDF :12957290.3/1

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 89384.0/9

Left Out: 0.023+/-0.000 χ^2/NDF :1039.2/2

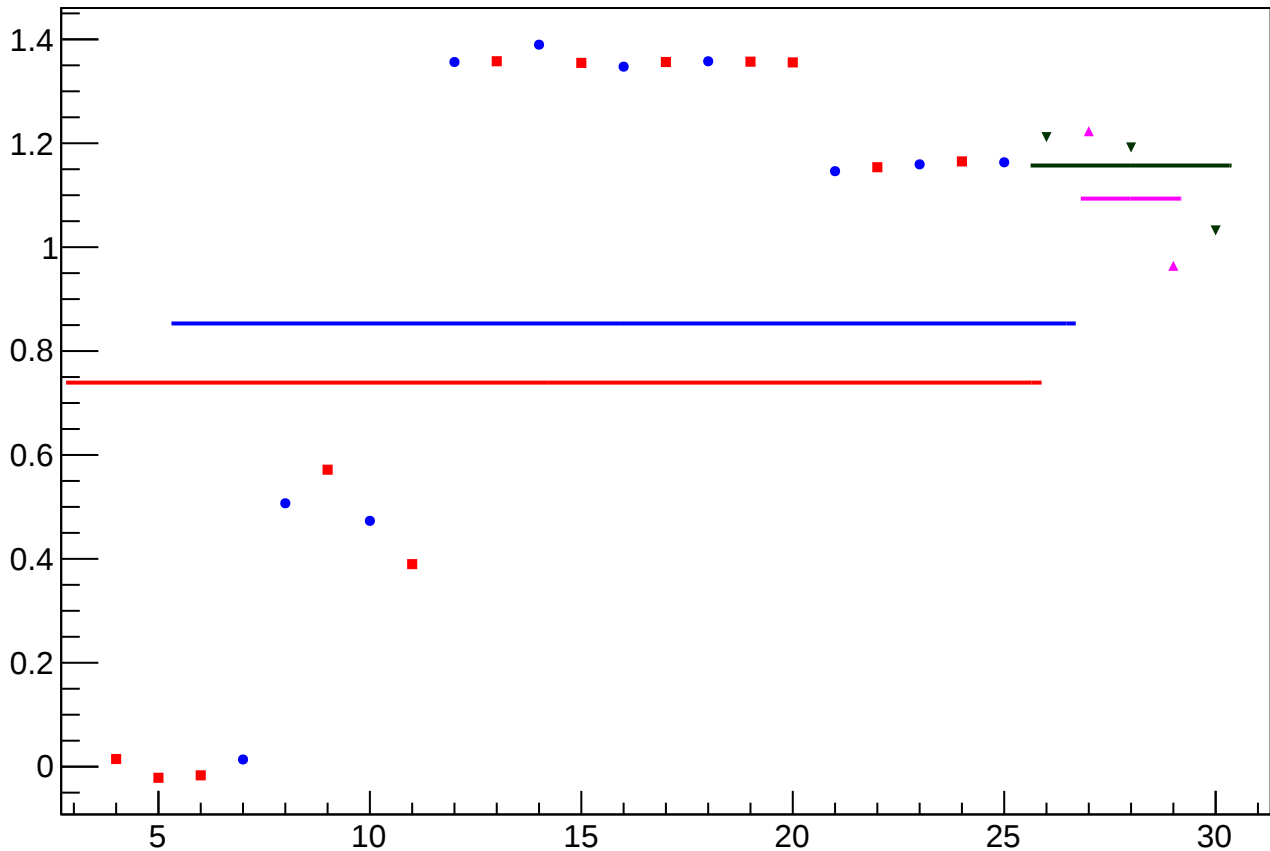
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.022+/-0.000 χ^2/NDF :423.0/1

0.021+/-0.000 χ^2/NDF : 101353.4/12

0.021+/-0.000 χ^2/NDF : 63507.9/13

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 1.157+/-0.000 χ^2/NDF : 582832807.1/2

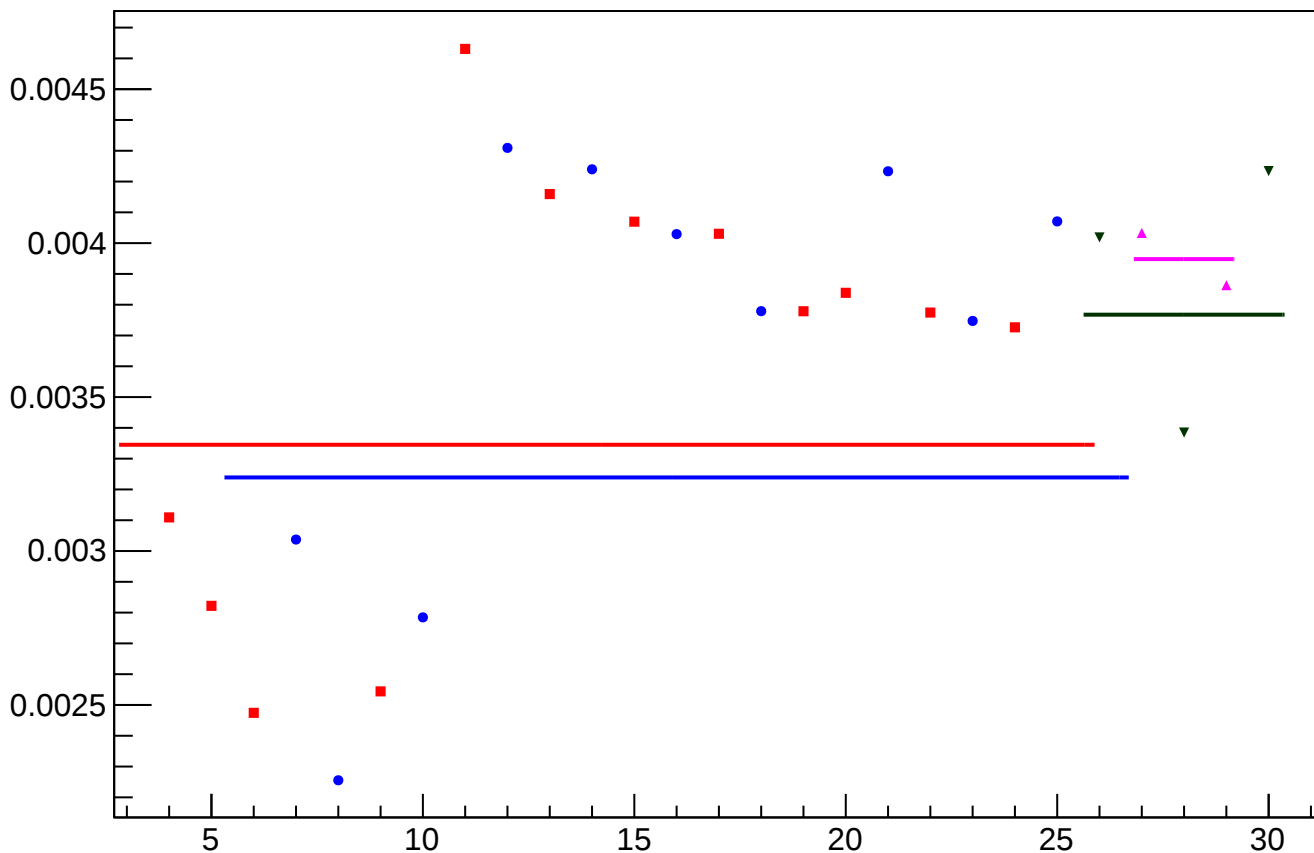
0.904+/-0.000 χ^2/NDF : 113819449808.1/12

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

0.797+/-0.000 χ^2/NDF : 175707714672.2/13

Left In: 1.093+/-0.000 χ^2/NDF : 1732847274.7/1

yield_bpm11Y_rms vs slug



Right In: 0.003 $\pm$ 0.000 χ^2/NDF : 745700.6/9

Left Out: 0.004 $\pm$ 0.000 χ^2/NDF : 31234.4/2

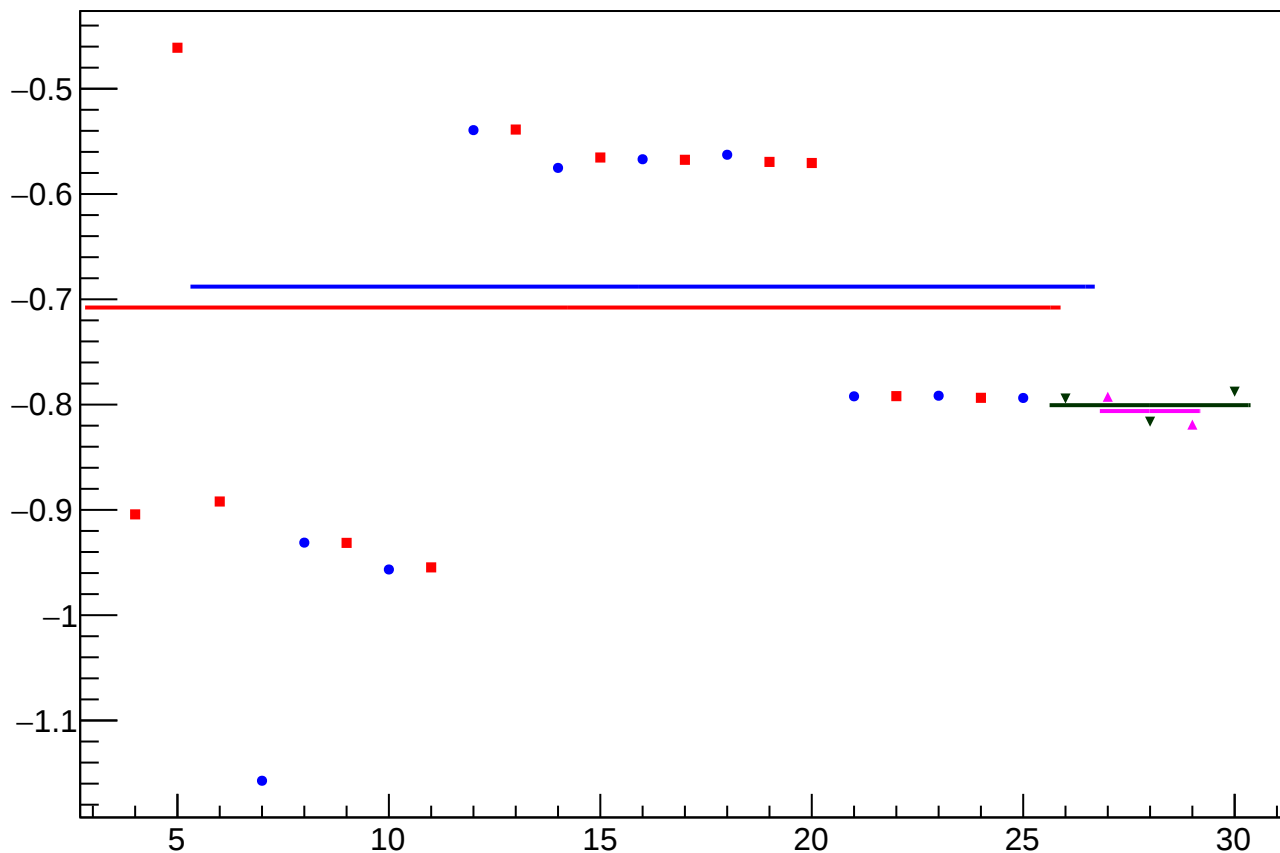
Right Out: 0.003 $\pm$ 0.000 χ^2/NDF : 574504.0/11

Left In: 0.004 $\pm$ 0.000 χ^2/NDF : 1487.8/1

0.003 $\pm$ 0.000 χ^2/NDF : 828150.3/12

0.003 $\pm$ 0.000 χ^2/NDF : 638777.6/13

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

Left Out: -0.801+/-0.000 χ^2/NDF : 4408087.9/2

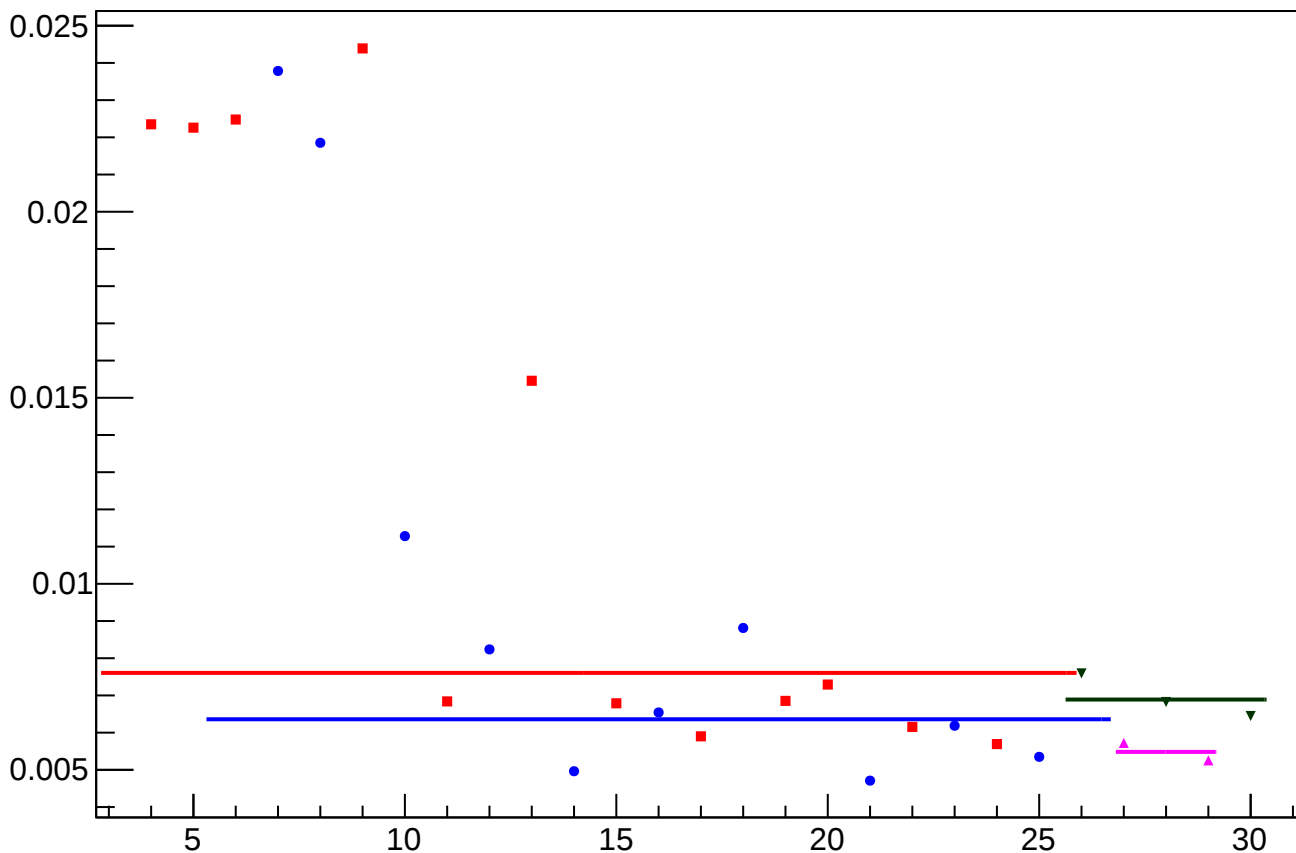
Right Out: -0.708+/-0.000 χ^2/NDF : 1719681121.8/11

Left In: -0.806+/-0.000 χ^2/NDF : 6903696.1/1

-0.711+/-0.000 χ^2/NDF : 2110935661.1/12

-0.742+/-0.000 χ^2/NDF : 1974946470.4/13

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 :10611.6/2

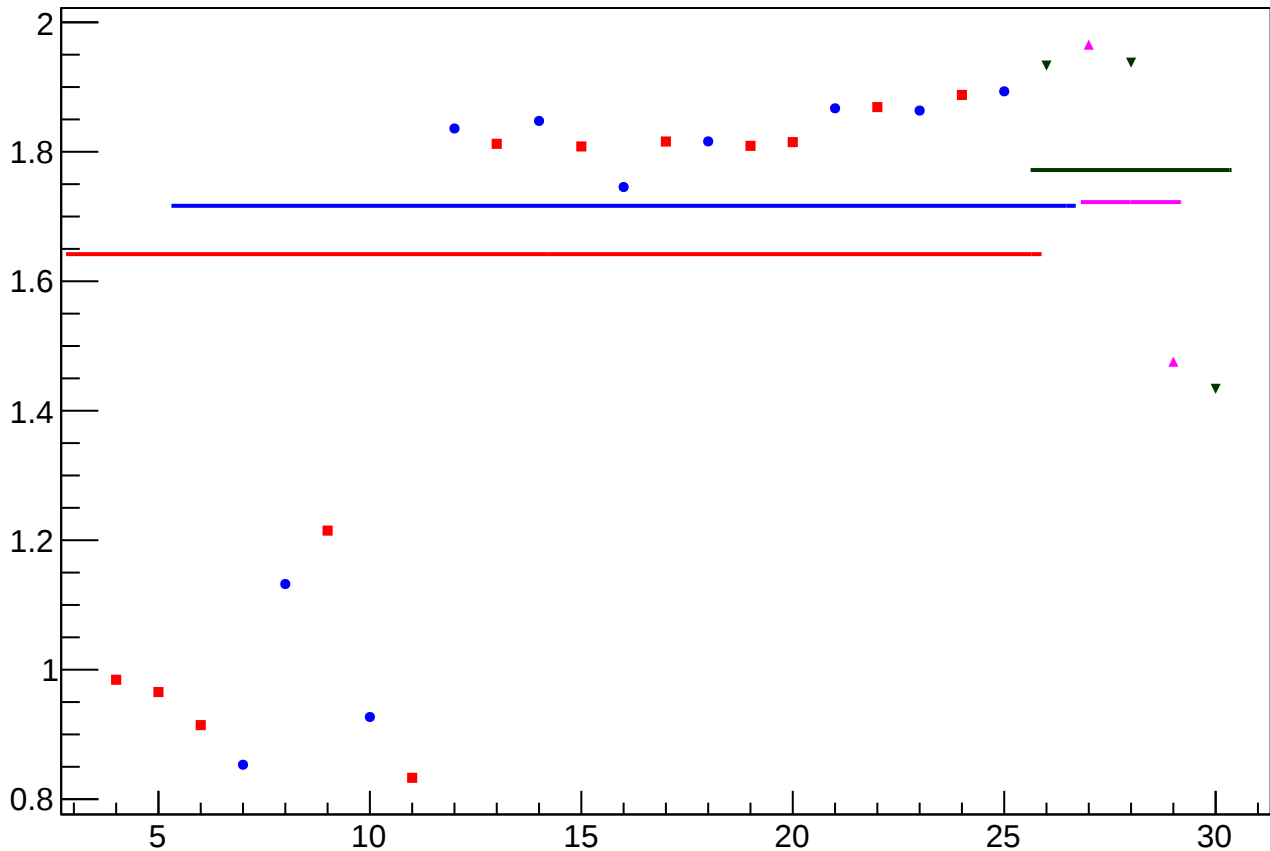
Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

Left In: 0.005+/-0.000 χ^2/NDF :4333.3/1

0.006+/-0.000 χ^2/NDF : 1855785.1/12

0.007+/-0.000 χ^2/NDF : 2529786.3/13

yield_bpm12Y_mean vs slug



Right In: 1.717 ± 0.000 χ^2/NDF : 10938016030.0/9

Left Out: 1.772 ± 0.000 χ^2/NDF : 1879832698.0/2

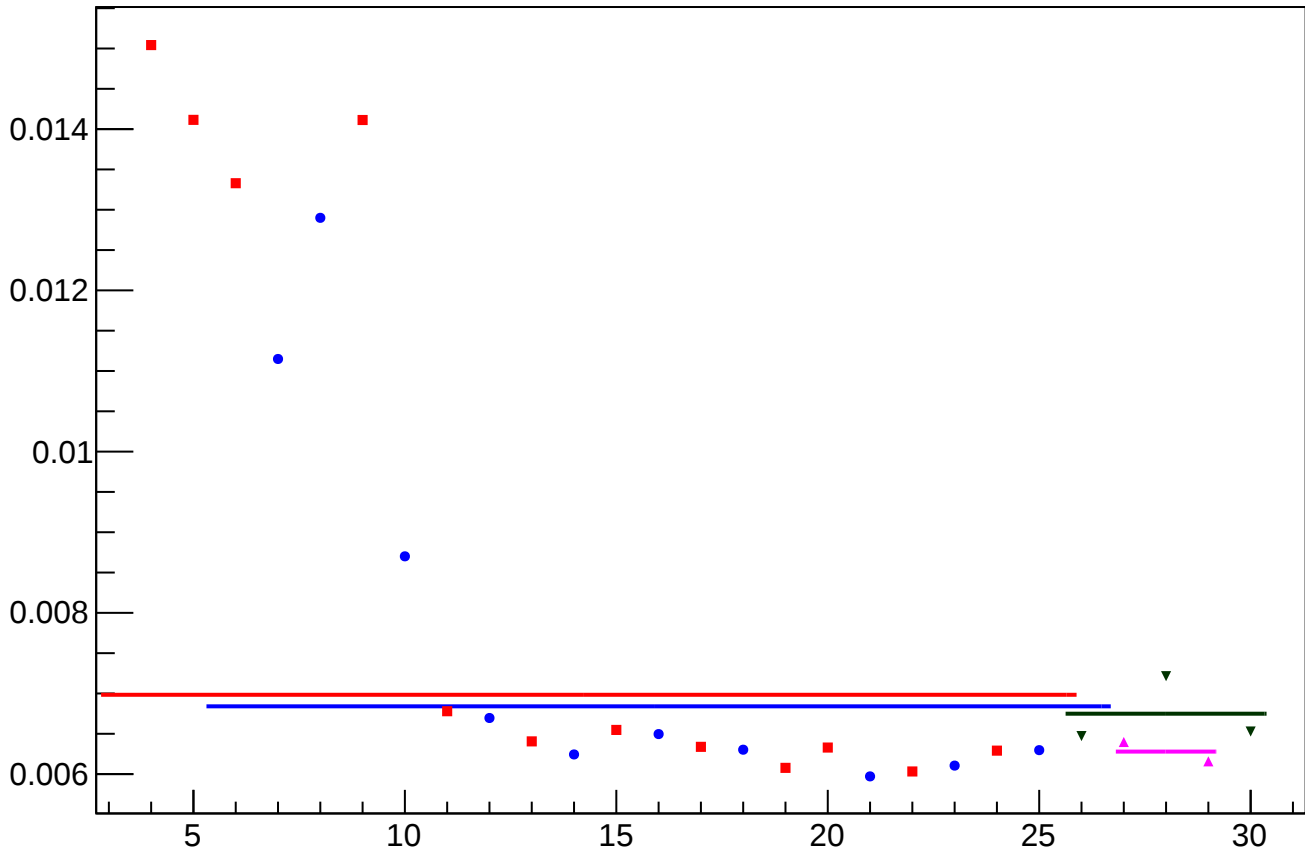
1.729 ± 0.000 χ^2/NDF : 12898739800.3/12

Right Out: 1.642 ± 0.000 χ^2/NDF : 15751478429.4/11

1.663 ± 0.000 χ^2/NDF : 18240535911.4/13

Left In: 1.722 ± 0.000 χ^2/NDF : 2304561848.9/1

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 600956.3/9

Left Out: 0.007+/-0.000 χ^2/NDF : 7915.1/2

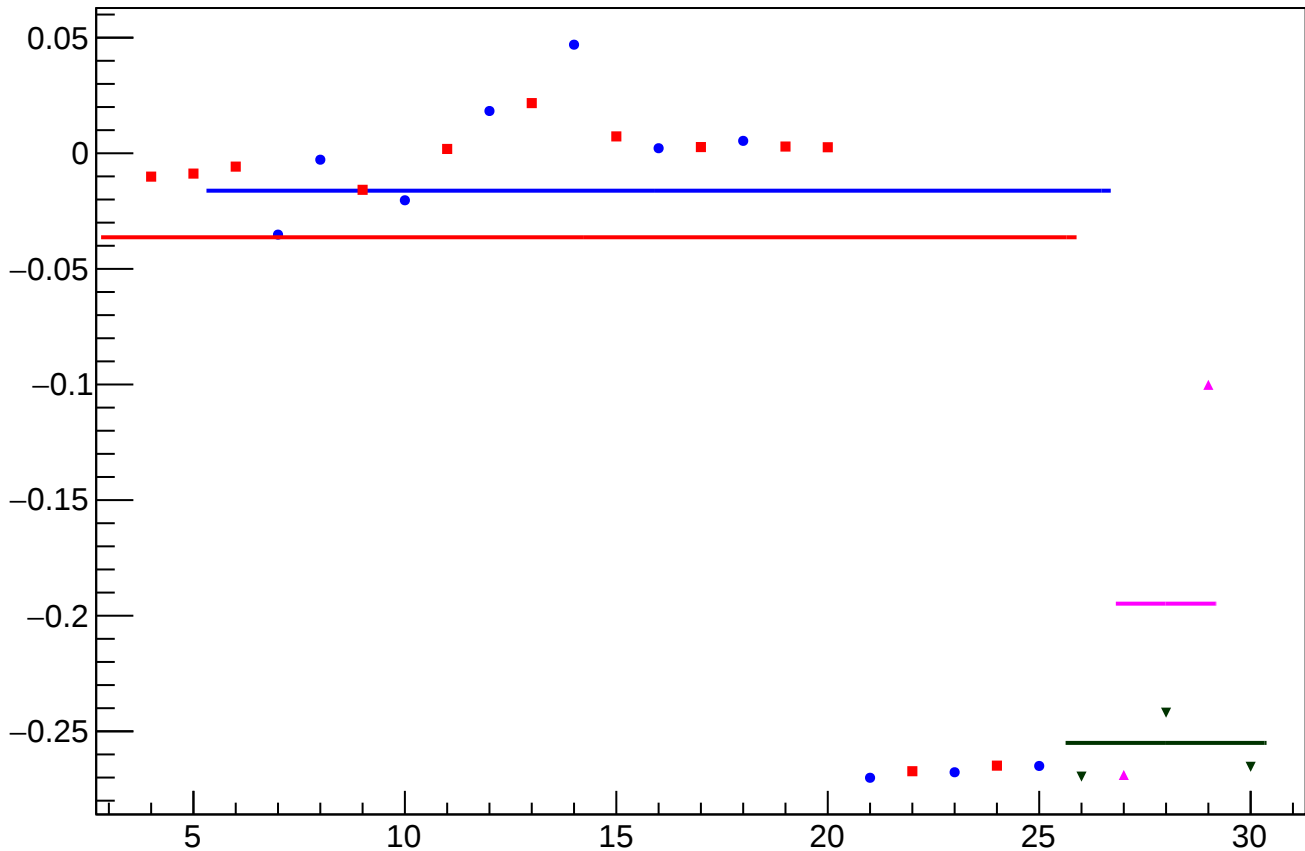
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF : 1107.6/1

0.007+/-0.000 χ^2/NDF : 609314.8/12

0.007+/-0.000 χ^2/NDF : 1003046.5/13

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.255+/-0.000 χ^2/NDF : 4502702.3/2

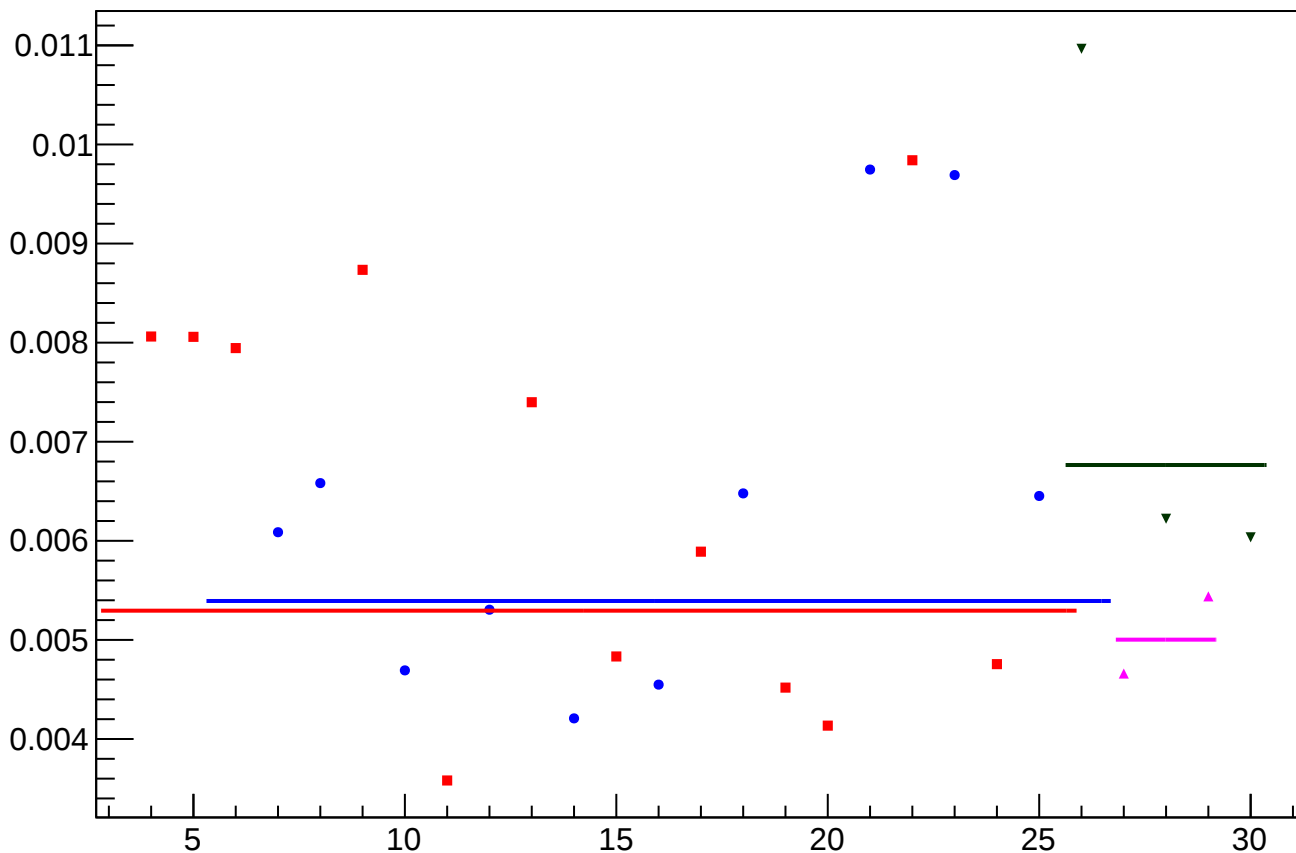
Right Out: -0.036+/-0.000 χ^2/NDF : 1742147509.6/11

Left In: -0.195+/-0.000 χ^2/NDF : 399227554.3/1

-0.049+/-0.000 χ^2/NDF : 2930857551.9/12

-0.073+/-0.000 χ^2/NDF : 3244427645.8/13

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 :158773.7/2

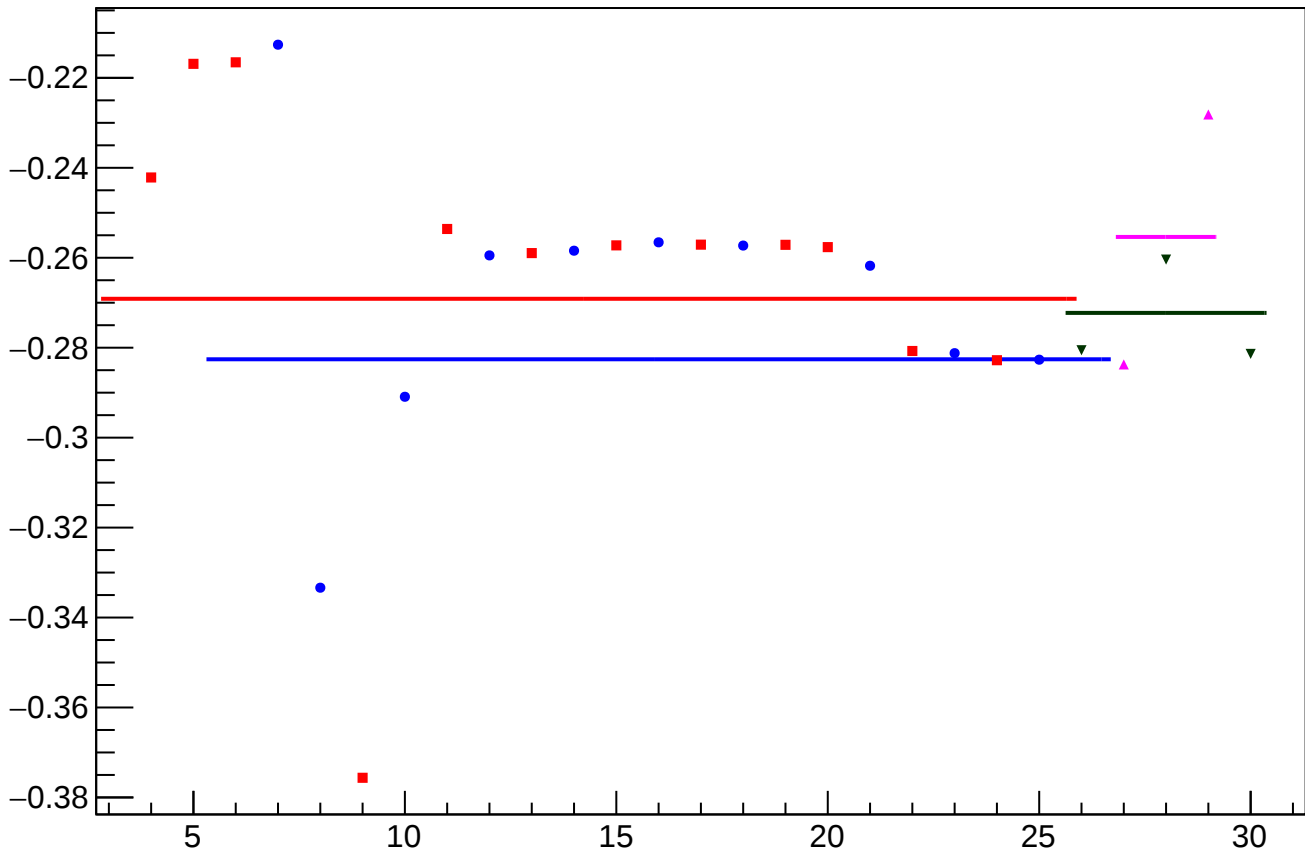
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :17008.5/1

0.006+/-0.000 χ^2/NDF : 1065305.4/12

0.005+/-0.000 χ^2/NDF : 1231314.1/13

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.272+/-0.000 χ^2/NDF : 20657471.9/2

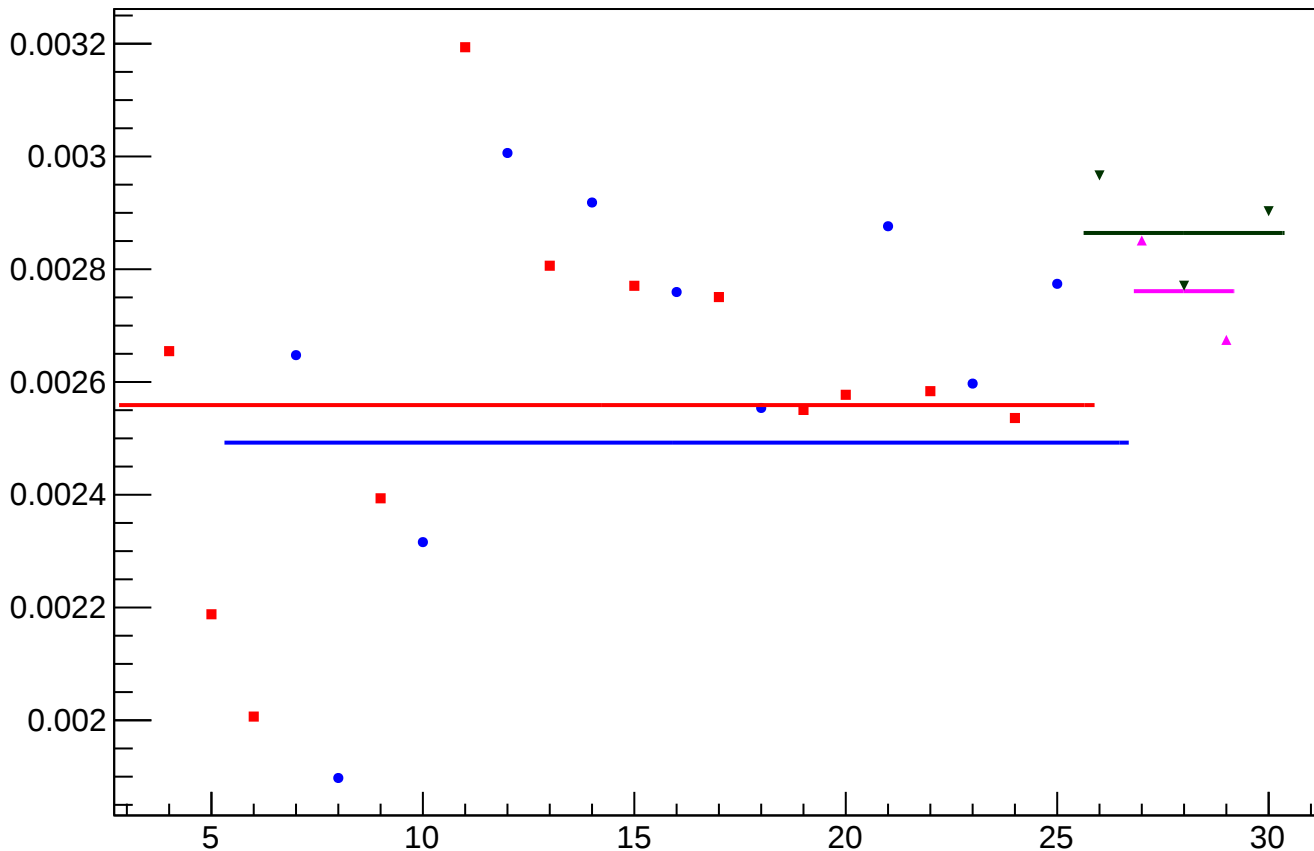
-0.281+/-0.000 χ^2/NDF : 1105329850.3/12

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

-0.267+/-0.000 χ^2/NDF : 2130546799.5/13

Left In: -0.255+/-0.000 χ^2/NDF : 162412842.6/1

yield_bpm16Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 304066.1/9

Left Out: 0.003+/-0.000 χ^2/NDF :2803.5/2

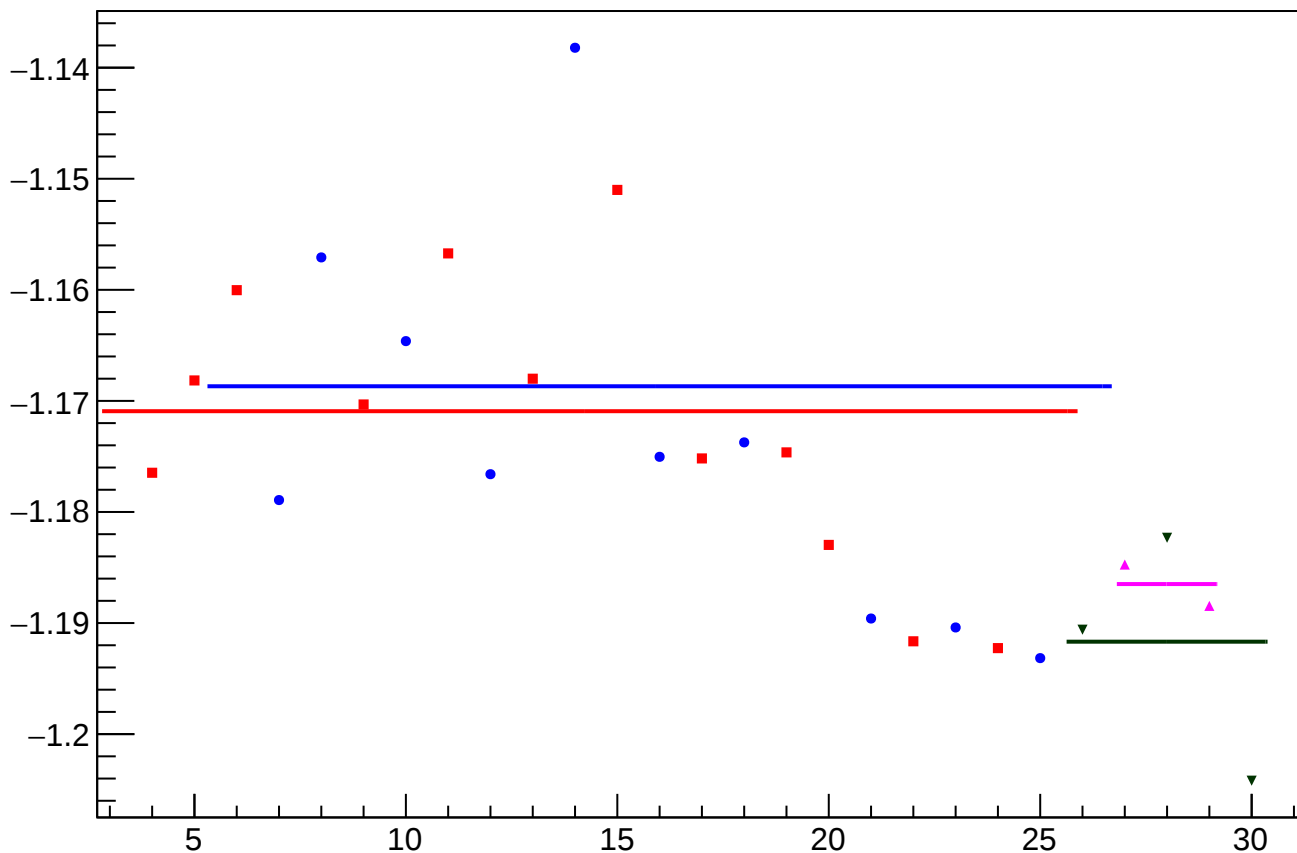
Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

Left In: 0.003+/-0.000 χ^2/NDF :3271.1/1

0.003+/-0.000 χ^2/NDF : 352684.5/12

0.003+/-0.000 χ^2/NDF : 193728.2/13

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.192+/-0.000 χ^2/NDF : 2364966.8/2

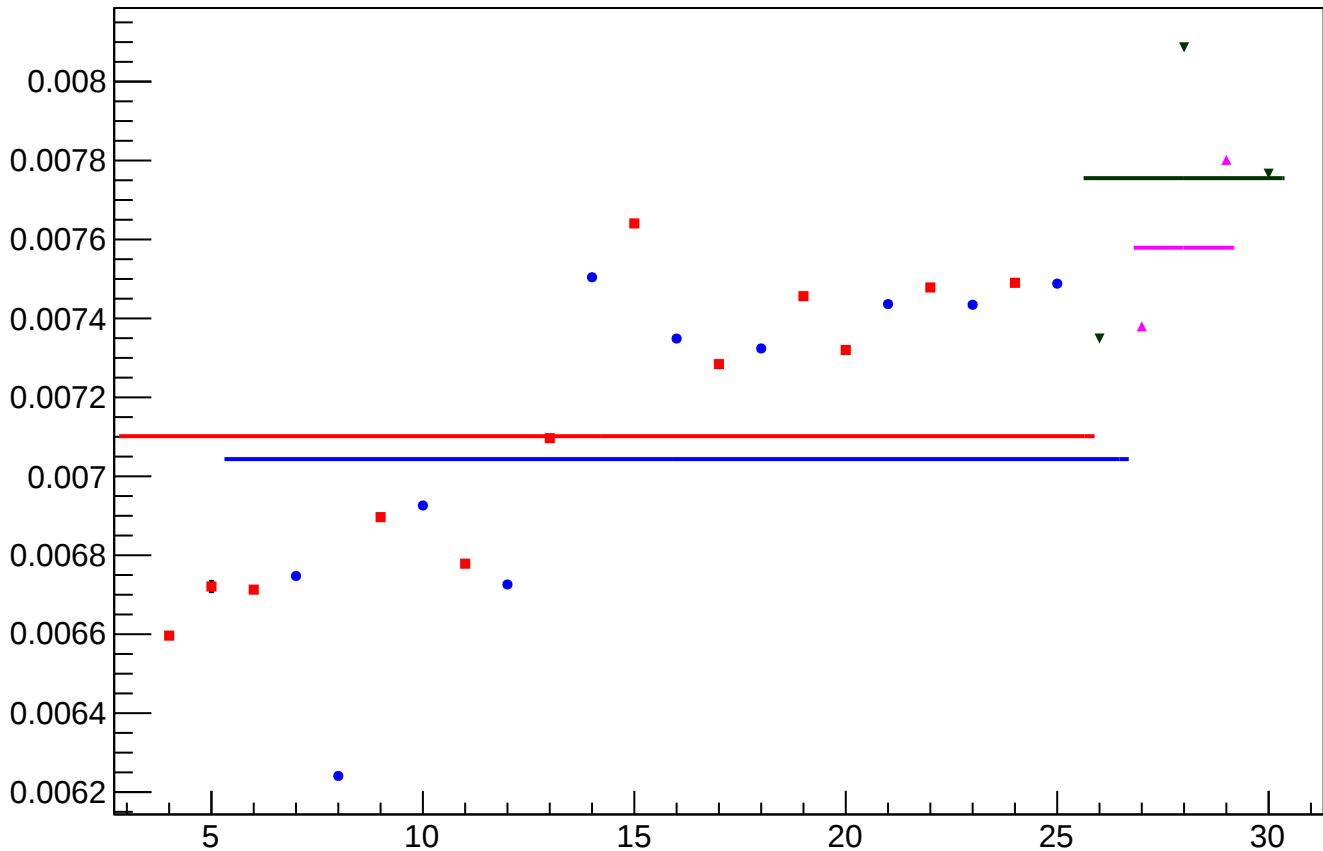
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.186+/-0.000 χ^2/NDF : 101063.7/1

-1.173+/-0.000 χ^2/NDF : 50406854.0/12

-1.174+/-0.000 χ^2/NDF : 24666260.0/13

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54602.2/9

Left Out: 0.008+/-0.000 χ^2/NDF : 5415.2/2

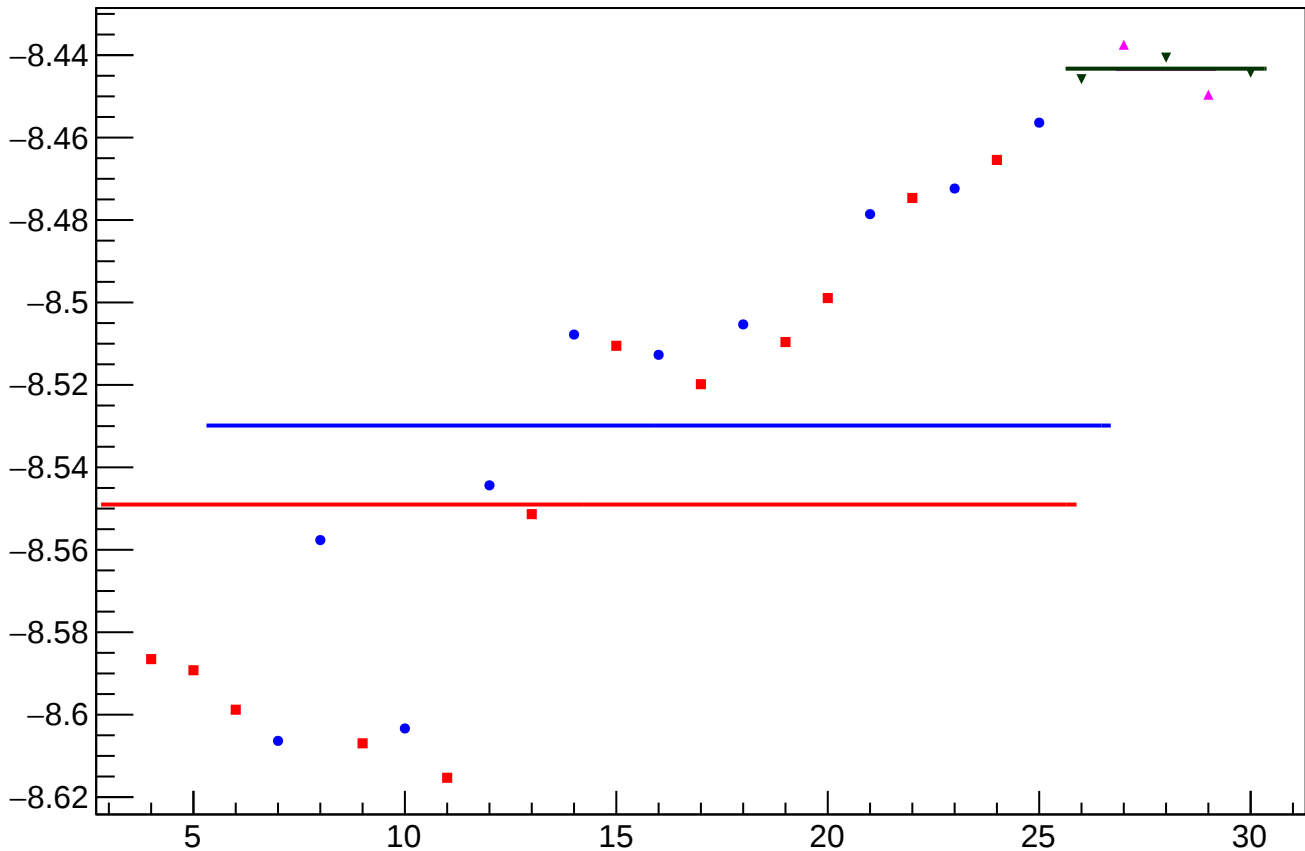
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.008+/-0.000 χ^2/NDF : 2593.9/1

0.007+/-0.000 χ^2/NDF : 83989.0/12

0.007+/-0.000 χ^2/NDF : 41287.0/13

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.443+/-0.000 χ^2/NDF : 177573.4/2

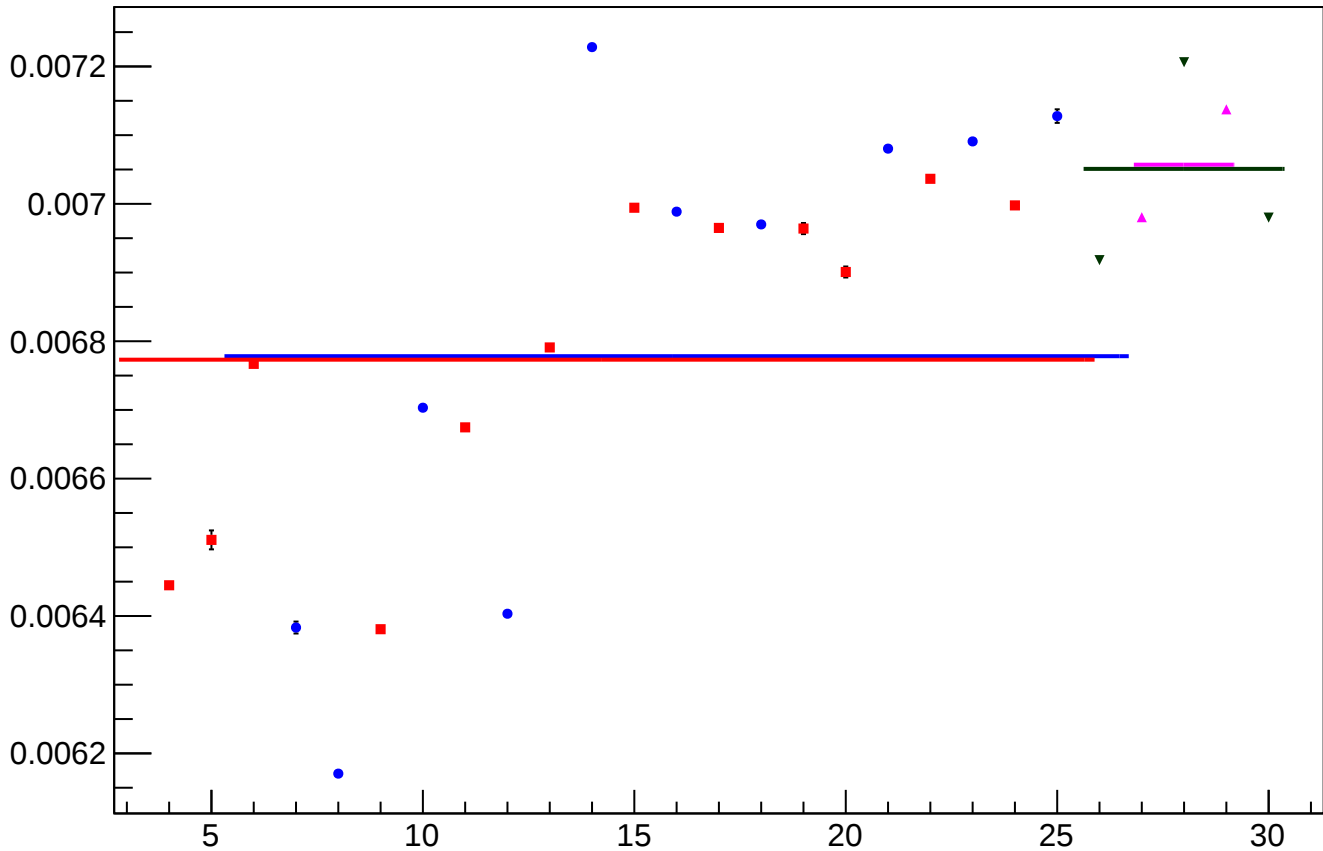
-8.512+/-0.000 χ^2/NDF : 492419177.1/12

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

-8.528+/-0.000 χ^2/NDF : 687008259.4/13

Left In: -8.443+/-0.000 χ^2/NDF : 1255692.6/1

yield_bpm2i01Y_rms vs slug



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

Left Out: 0.007+/-0.000 χ^2/NDF :1148.3/2

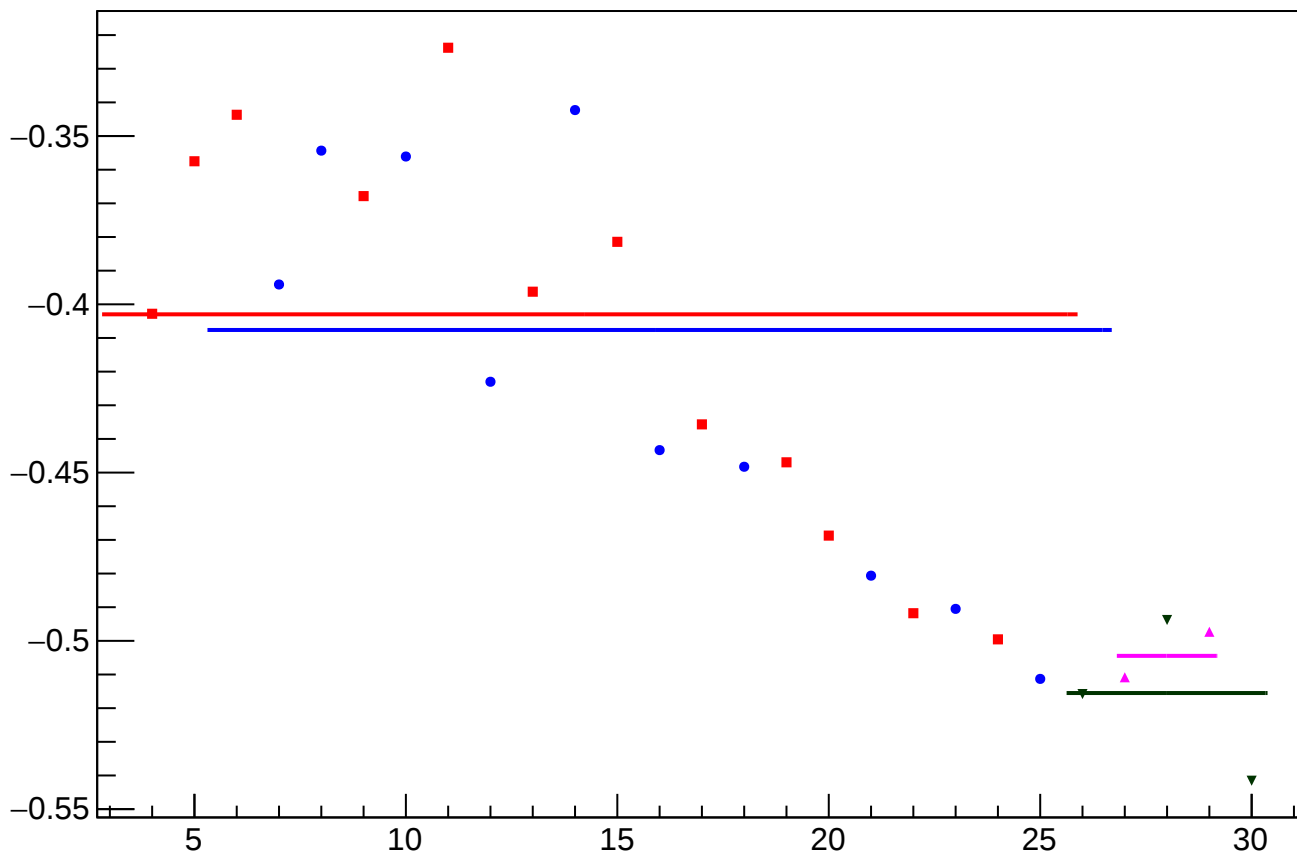
Right Out: 0.007+/-0.000 χ^2/NDF : 13957.5/11

Left In: 0.007+/-0.000 χ^2/NDF :421.7/1

0.007+/-0.000 χ^2/NDF : 45199.7/12

0.007+/-0.000 χ^2/NDF : 18804.5/13

yield_bpm2i02X_mean vs slug



Right In: -0.408+/-0.000 χ^2/NDF : 64975353.4/9

Left Out: -0.516+/-0.000 χ^2/NDF : 1778539.2/2

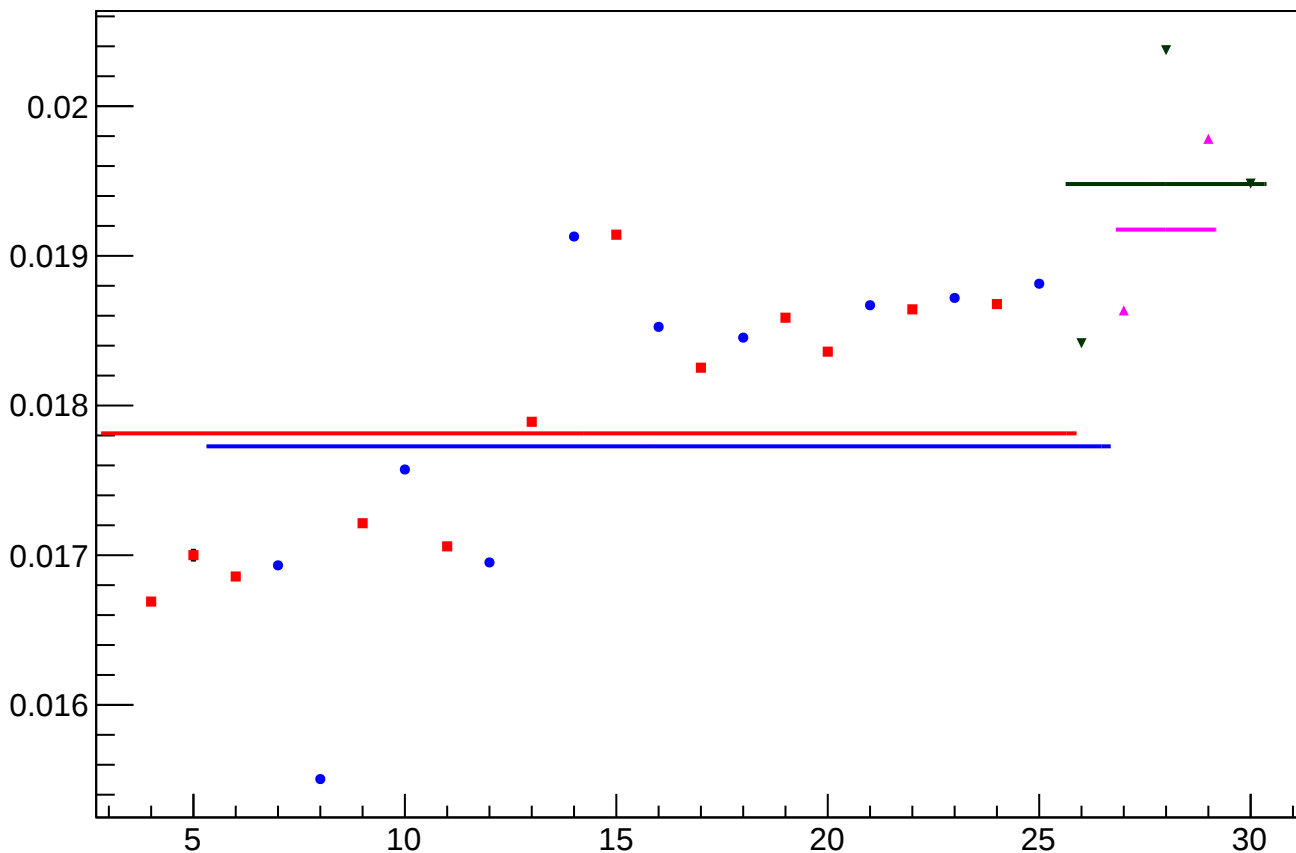
Right Out: -0.403+/-0.000 χ^2/NDF : 62429358.0/11

Left In: -0.504+/-0.000 χ^2/NDF : 208444.4/1

-0.428+/-0.000 χ^2/NDF : 110444083.4/12

-0.422+/-0.000 χ^2/NDF : 100968783.3/13

yield_bpm2i02X_rms vs slug



Right In: 0.018 ± 0.000 χ^2/NDF : 64790.3/9

Left Out: 0.019 ± 0.000 χ^2/NDF : 6054.3/2

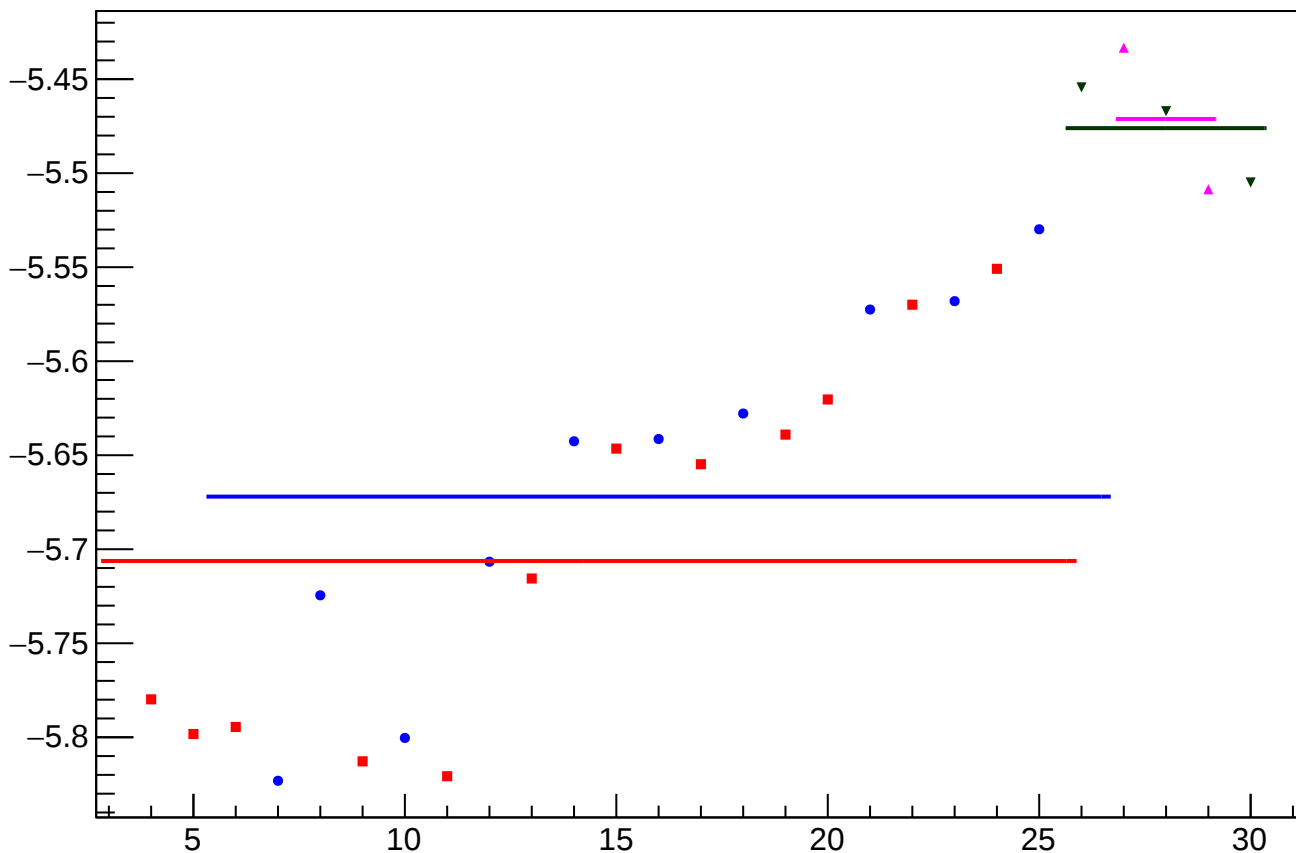
0.018 ± 0.000 χ^2/NDF : 93903.8/12

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

0.018 ± 0.000 χ^2/NDF : 41536.3/13

Left In: 0.019 ± 0.000 χ^2/NDF : 2998.5/1

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.476+/-0.000 χ^2/NDF : 5342308.8/2

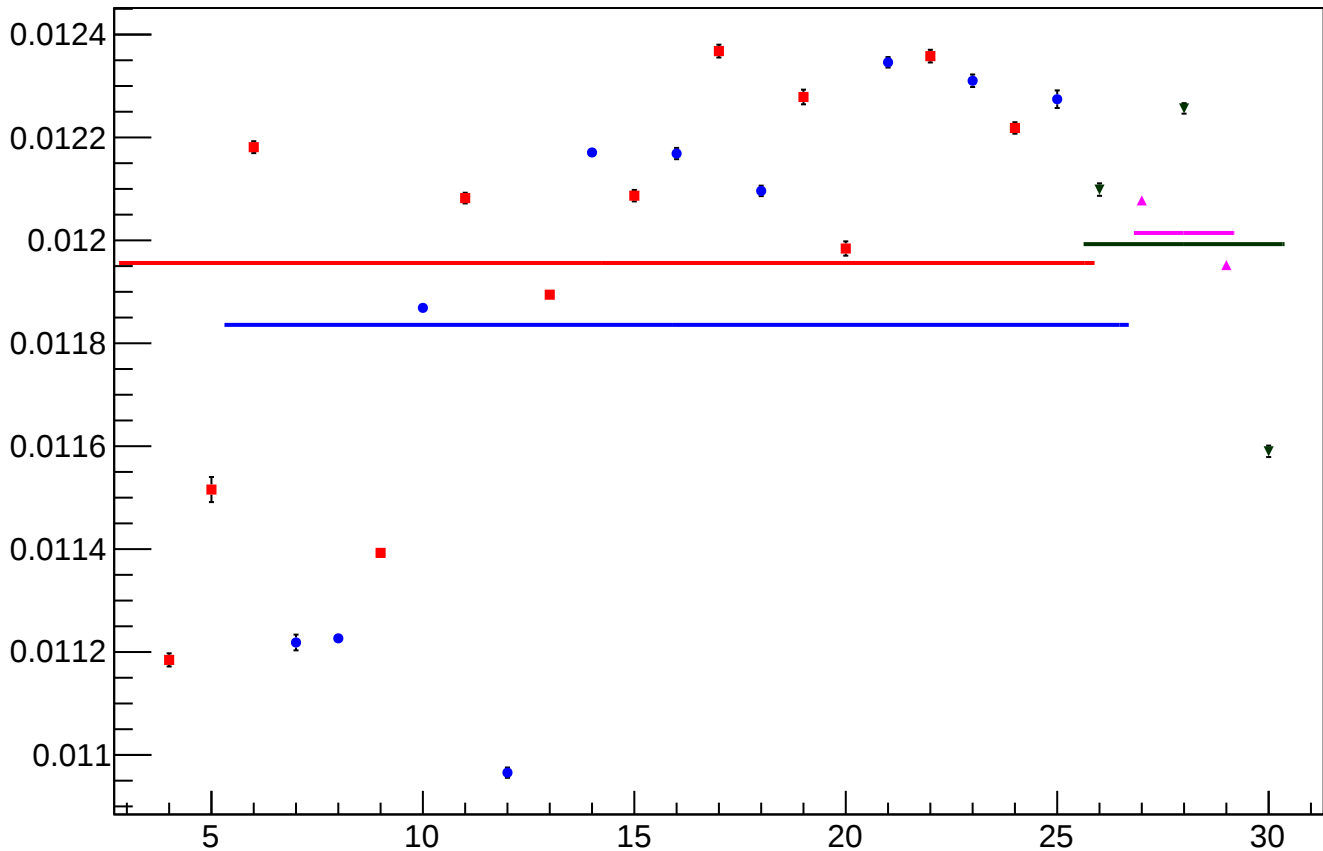
Right Out: -5.706+/-0.000 χ^2/NDF : 393392324.7/11

Left In: -5.471+/-0.000 χ^2/NDF : 16723201.1/1

-5.631+/-0.000 χ^2/NDF : 683742464.0/12

-5.657+/-0.000 χ^2/NDF : 925483555.1/13

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 : 2052.1/2

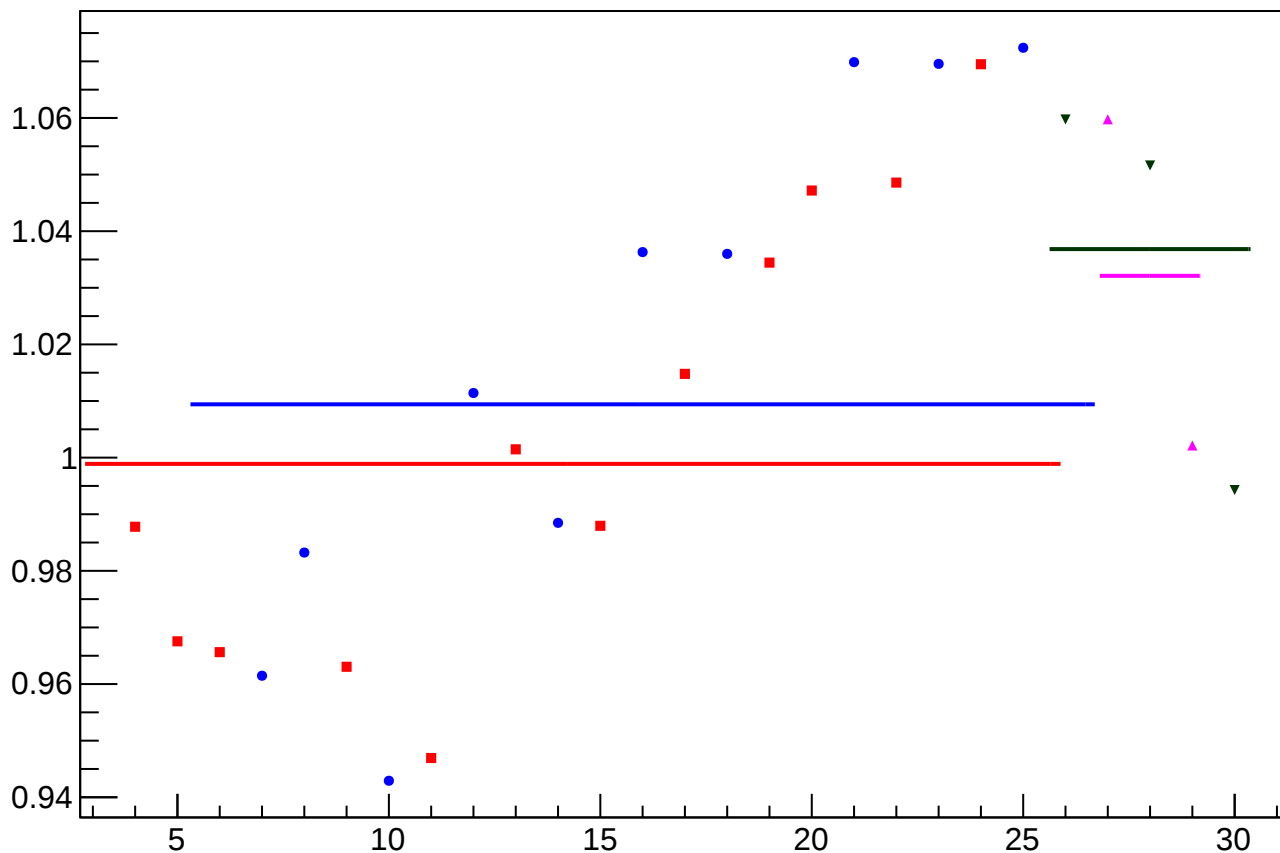
Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

Left In: 0.012+/-0.000 χ^2/NDF : 93.3/1

0.012+/-0.000 χ^2/NDF : 24794.6/12

0.012+/-0.000 χ^2/NDF : 11866.5/13

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.037+/-0.000 χ^2/NDF : 26948809.4/2

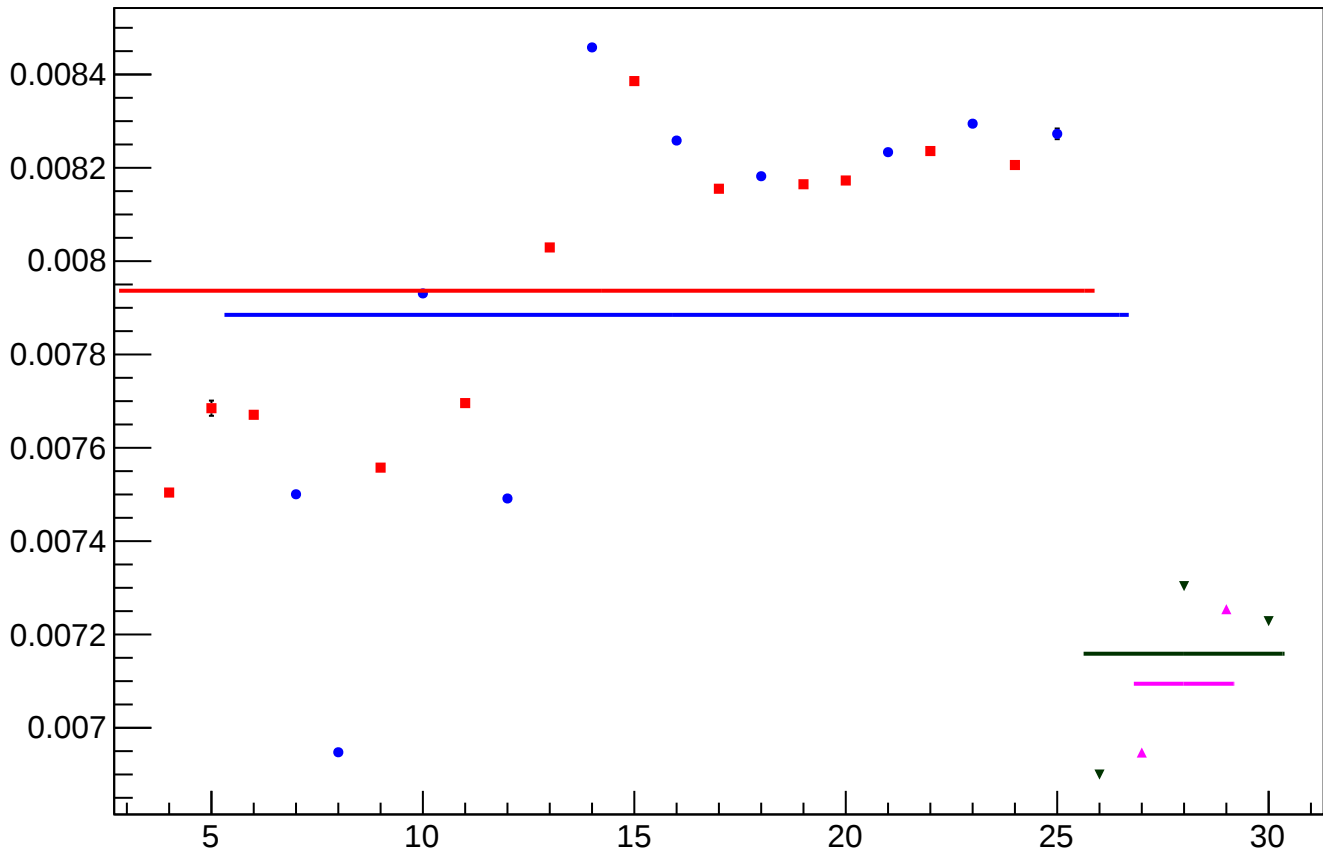
Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

Left In: 1.032+/-0.000 χ^2/NDF : 27731235.5/1

1.016+/-0.000 χ^2/NDF : 228436454.6/12

1.007+/-0.000 χ^2/NDF : 203035809.2/13

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 57917.9/9

Left Out: 0.007+/-0.000 χ^2/NDF :2053.0/2

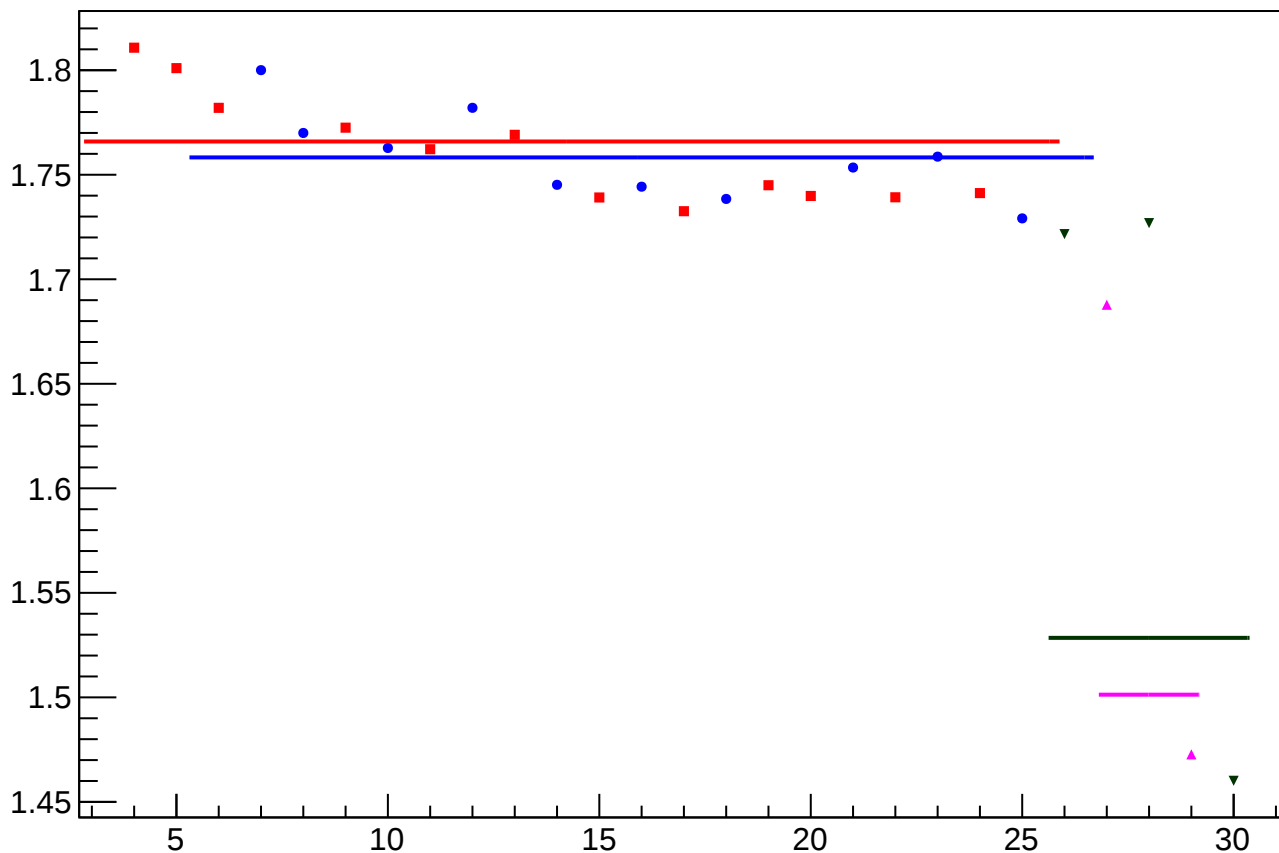
0.008+/-0.000 χ^2/NDF : 87003.4/12

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

0.008+/-0.000 χ^2/NDF : 54648.6/13

Left In: 0.007+/-0.000 χ^2/NDF :1576.3/1

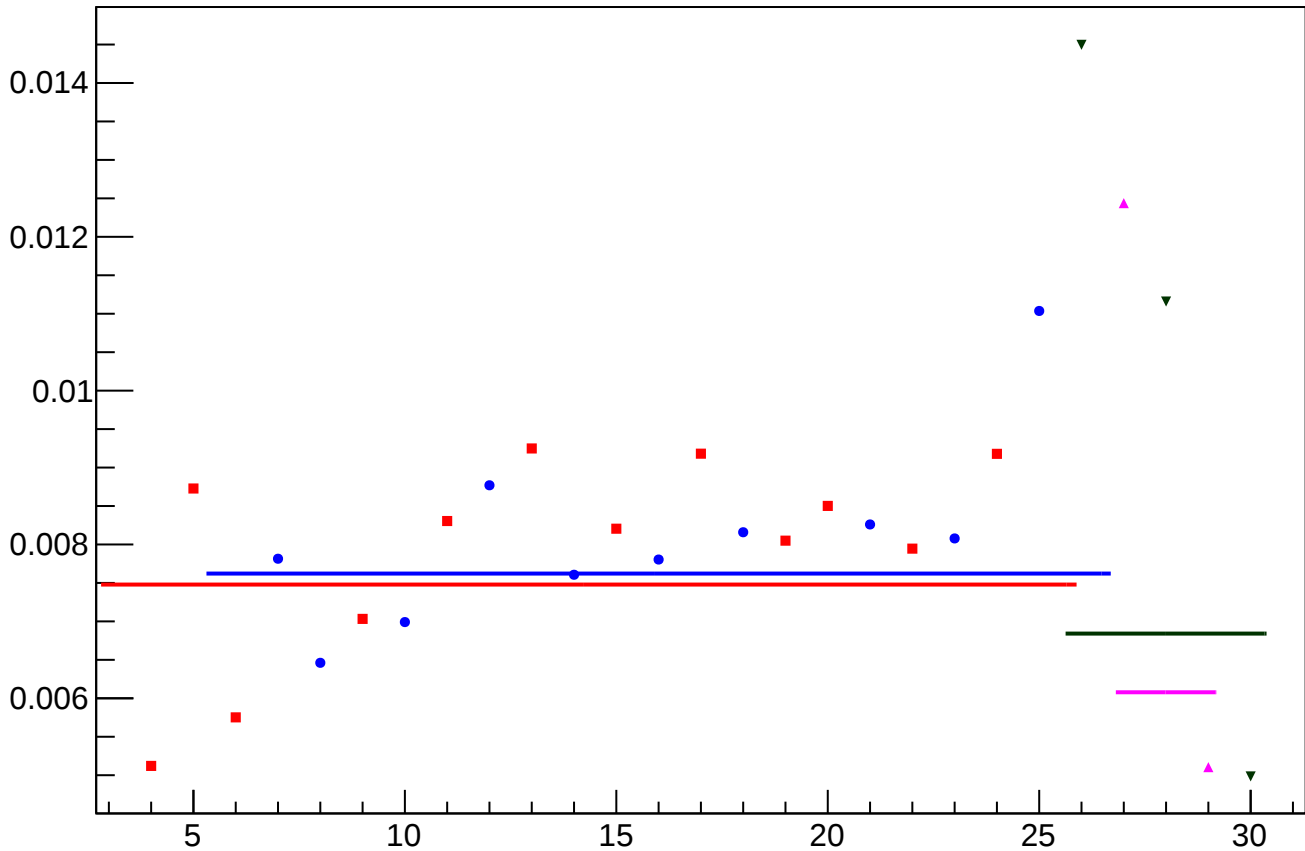
yield_bpm1i04Y_mean vs slug



Right In: 1.758+/-0.000 χ^2/NDF : 25411176.0/9
 Left Out: 1.528+/-0.000 χ^2/NDF : 382746261.9/2
 Right Out: 1.766+/-0.000 χ^2/NDF : 62233931.0/11
 Left In: 1.501+/-0.000 χ^2/NDF : 186807664.9/1

1.709+/-0.000 χ^2/NDF : 1586760004.5/12
 1.700+/-0.000 χ^2/NDF : 2089165563.4/13

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.007+/-0.000 χ^2/NDF : 599557.8/2

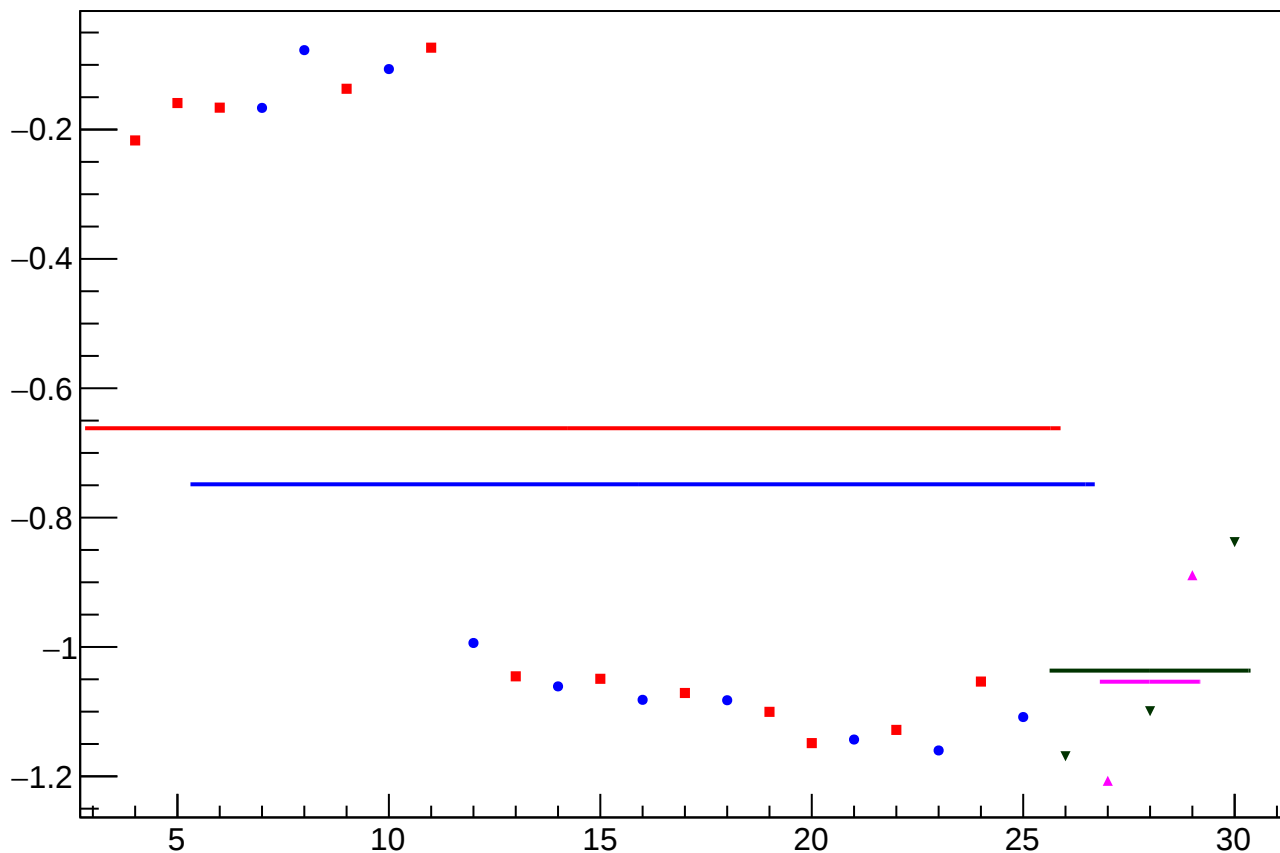
0.007+/-0.000 χ^2/NDF : 779195.8/12

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

0.007+/-0.000 χ^2/NDF : 974448.1/13

Left In: 0.006+/-0.000 χ^2/NDF : 434284.9/1

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -1.037+/-0.000 χ^2/NDF : 453334411.5/2

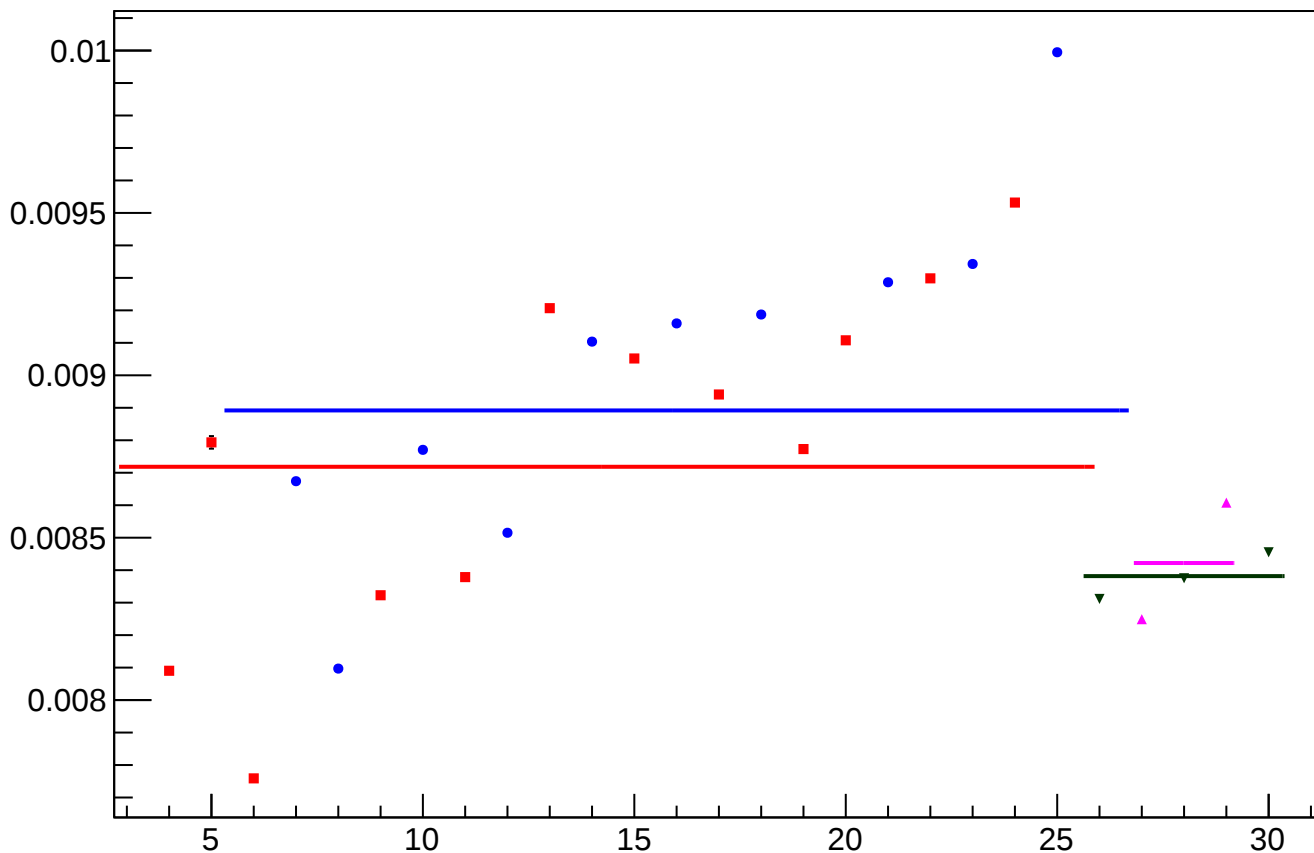
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -1.054+/-0.000 χ^2/NDF : 590358179.7/1

-0.814+/-0.000 χ^2/NDF : 19396743347.5/12

-0.749+/-0.000 χ^2/NDF : 21139151406.8/13

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 34334.5/9

Left Out: 0.008+/-0.000 χ^2/NDF :150.3/2

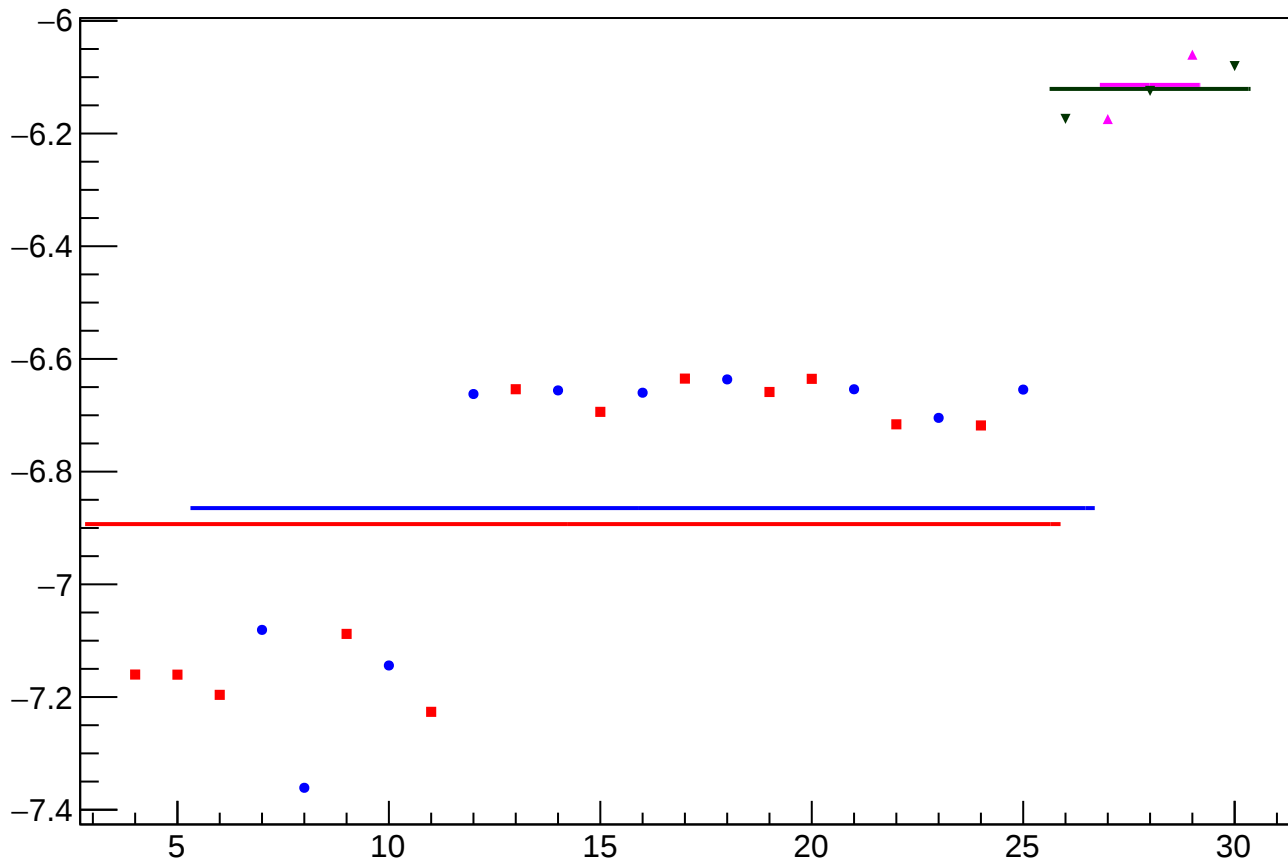
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.008+/-0.000 χ^2/NDF :1505.0/1

0.009+/-0.000 χ^2/NDF : 43921.2/12

0.009+/-0.000 χ^2/NDF : 52349.7/13

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.121+/-0.000 χ^2/NDF : 24644936.7/2

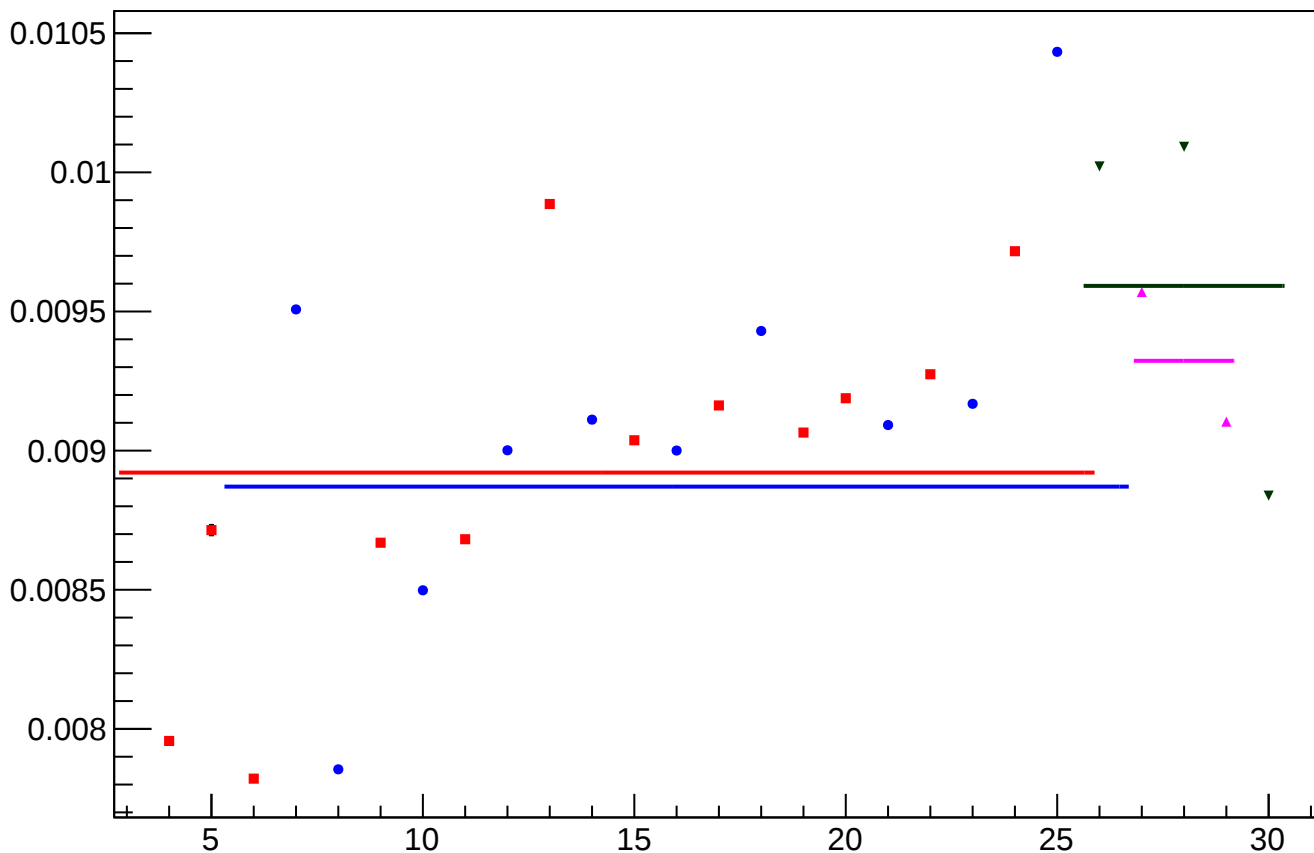
-6.729+/-0.000 χ^2/NDF : 14645128404.9/12

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

-6.739+/-0.000 χ^2/NDF : 13962259991.3/13

Left In: -6.114+/-0.000 χ^2/NDF : 61286692.9/1

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 :12532.1/2

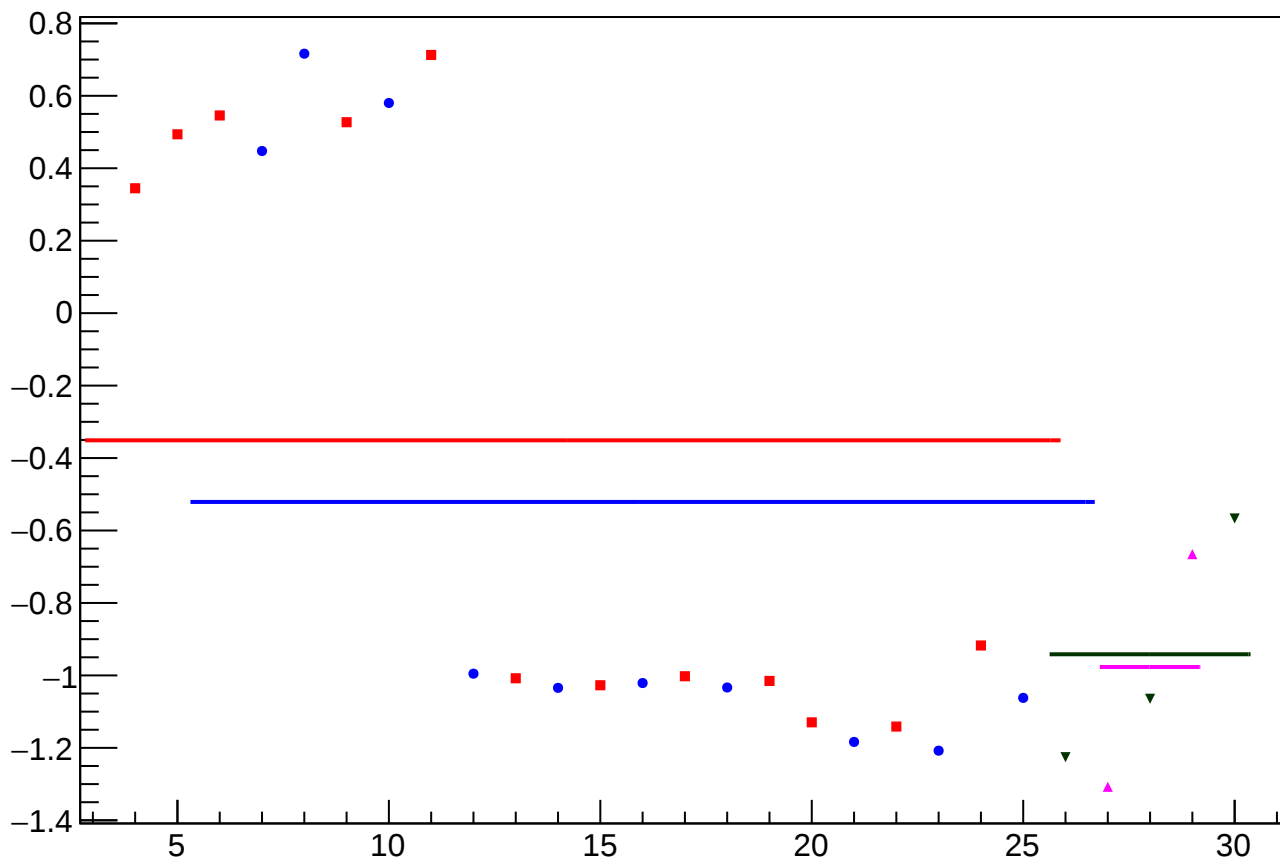
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF :2039.9/1

0.009+/-0.000 χ^2/NDF : 81525.9/12

0.009+/-0.000 χ^2/NDF : 68123.4/13

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -0.942+/-0.000 χ^2/NDF : 410258971.8/2

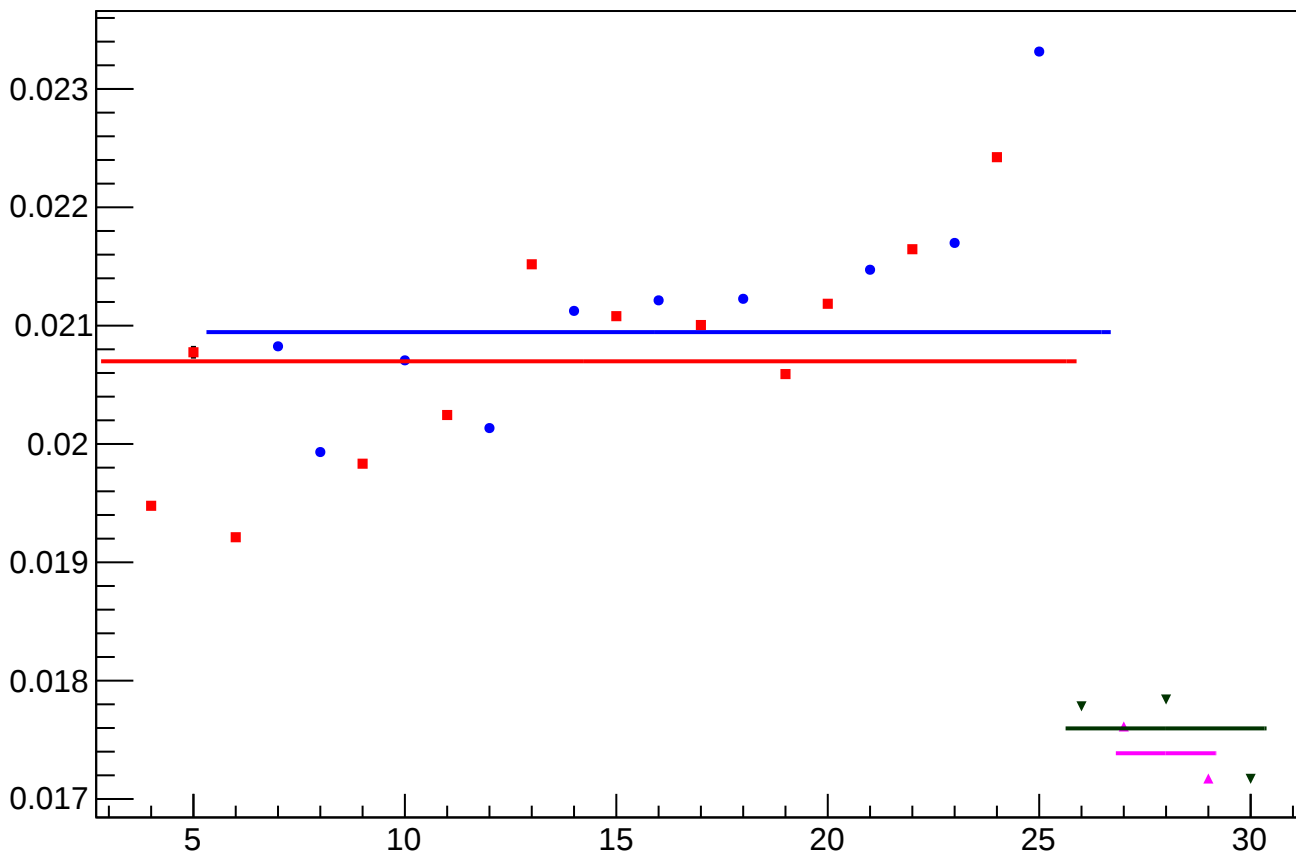
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.977+/-0.000 χ^2/NDF : 569435245.4/1

-0.635+/-0.000 χ^2/NDF : 10323342665.4/12

-0.523+/-0.000 χ^2/NDF : 11125547192.3/13

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 14569.8/9

Left Out: 0.018+/-0.000 χ^2/NDF :1007.7/2

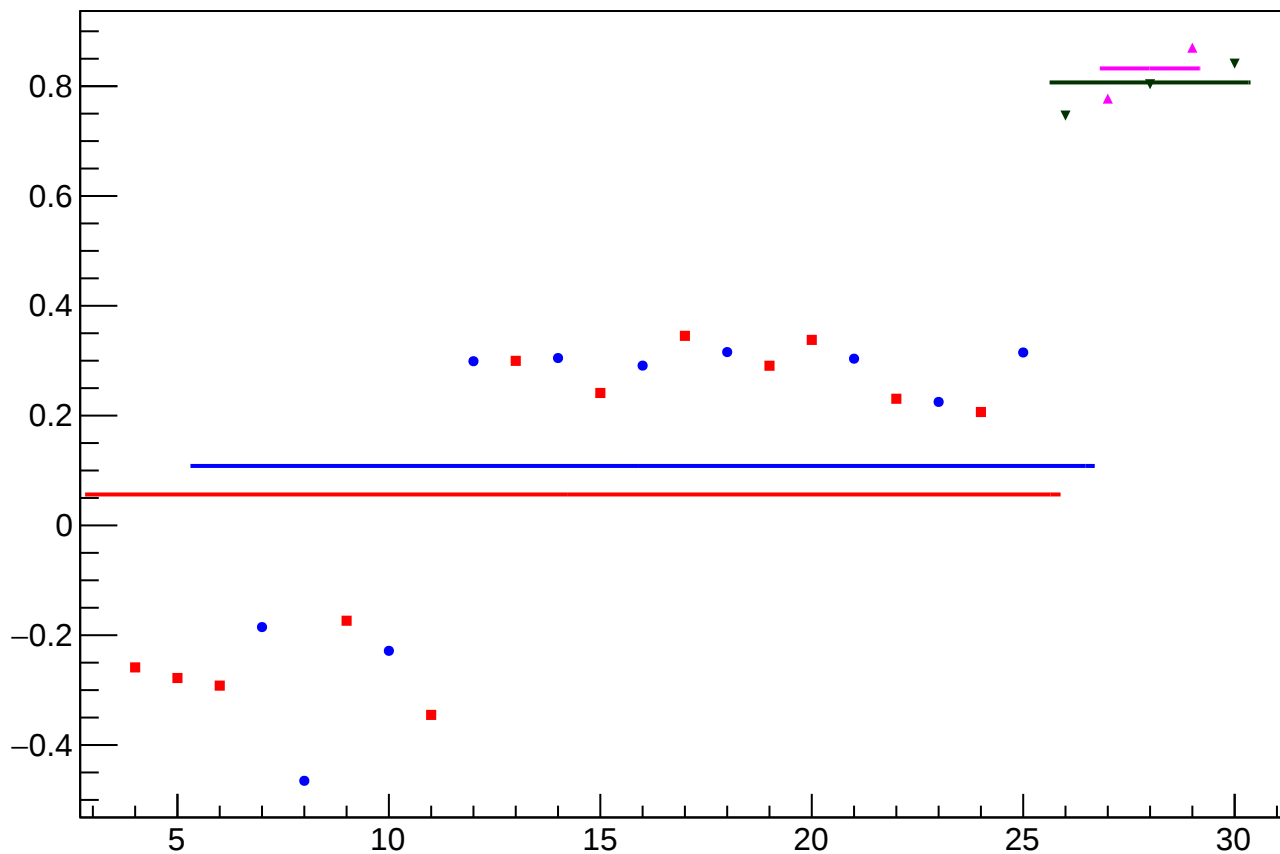
Right Out: 0.021+/-0.000 χ^2/NDF : 25534.1/11

Left In: 0.017+/-0.000 χ^2/NDF :534.1/1

0.020+/-0.000 χ^2/NDF : 103349.8/12

0.020+/-0.000 χ^2/NDF : 113988.7/13

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 0.807+/-0.000 χ^2/NDF : 14944989.7/2

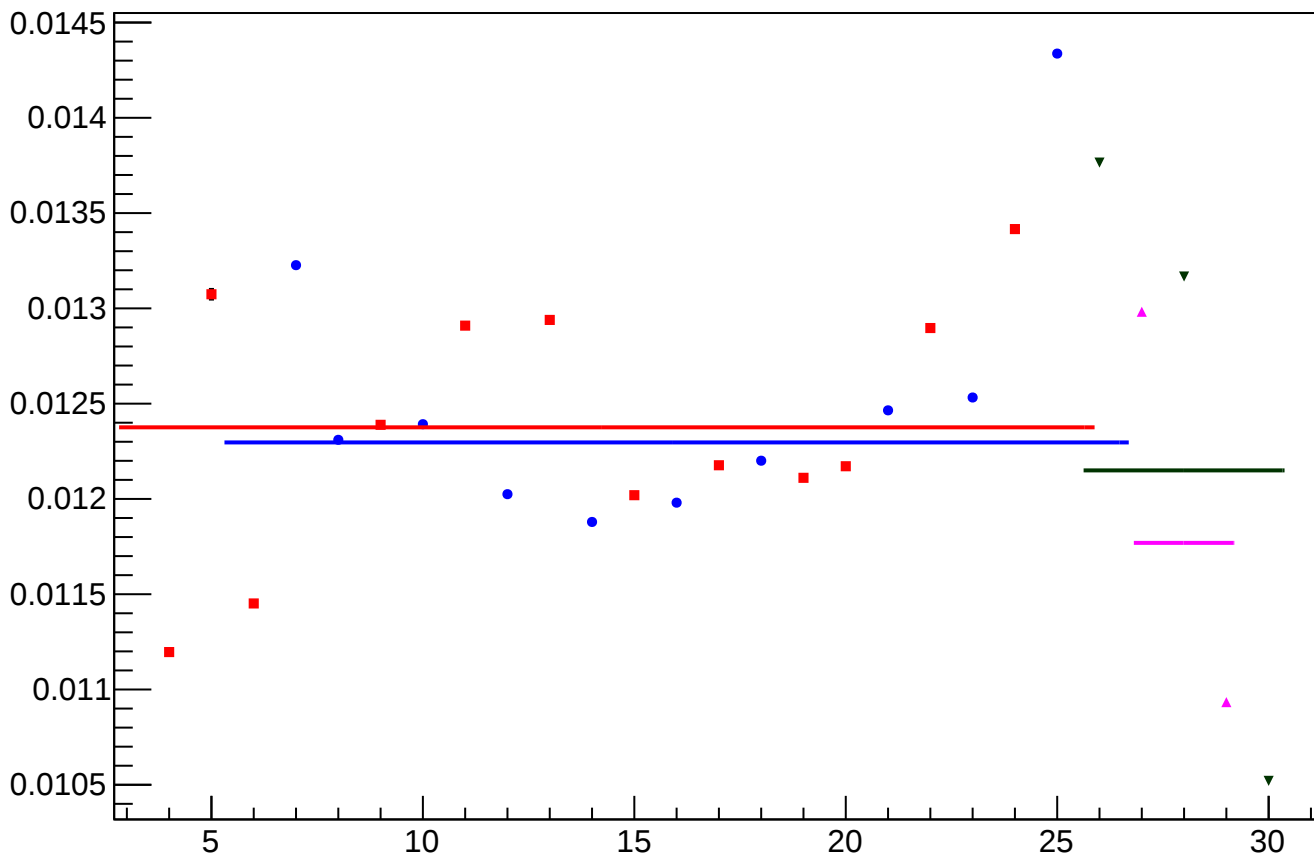
Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

Left In: 0.832+/-0.000 χ^2/NDF : 24483718.5/1

0.256+/-0.000 χ^2/NDF : 7917846753.2/12

0.233+/-0.000 χ^2/NDF : 8475500606.5/13

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 17281.6/9

Left Out: 0.012+/-0.000 χ^2/NDF : 46611.5/2

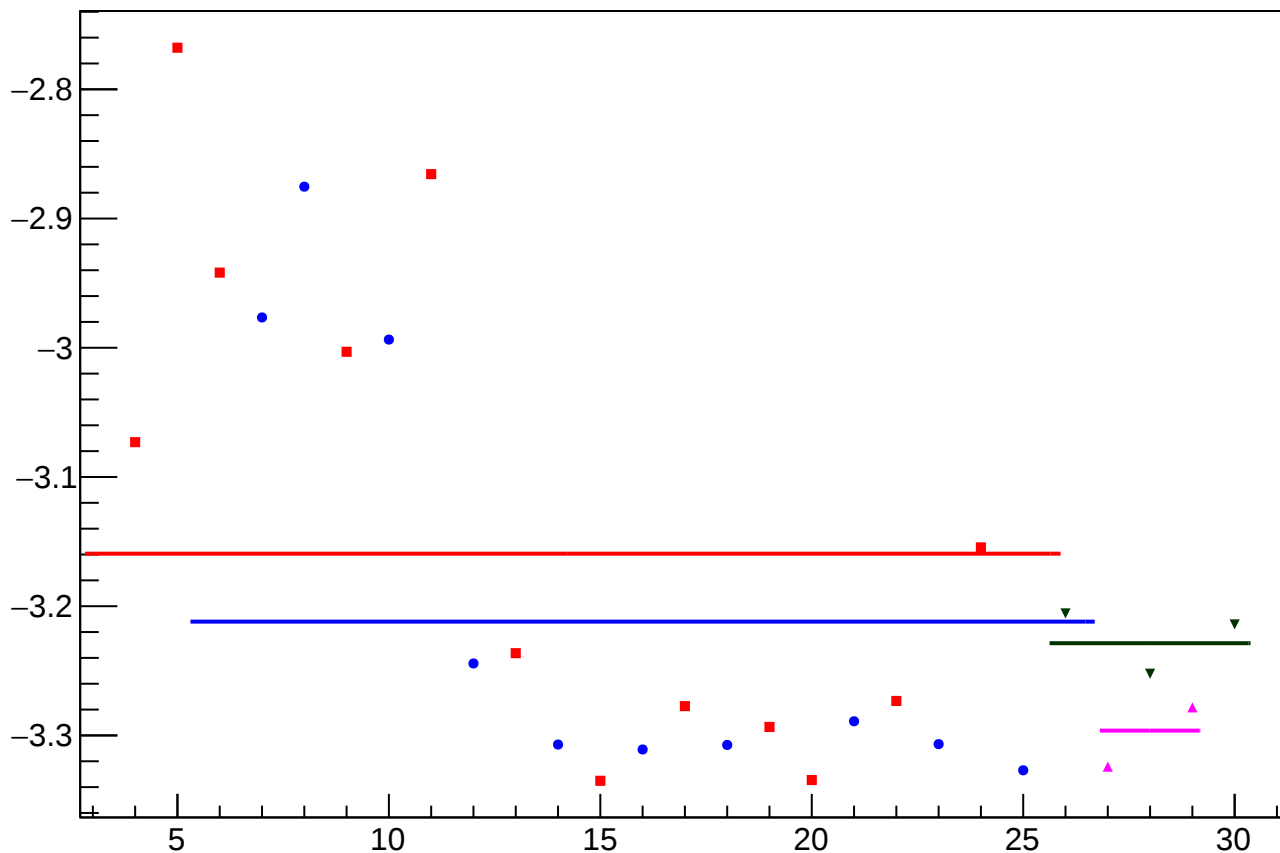
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.012+/-0.000 χ^2/NDF : 23909.5/1

0.012+/-0.000 χ^2/NDF : 64270.1/12

0.012+/-0.000 χ^2/NDF : 62171.1/13

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.229+/-0.000 χ^2/NDF :13366536.6/2

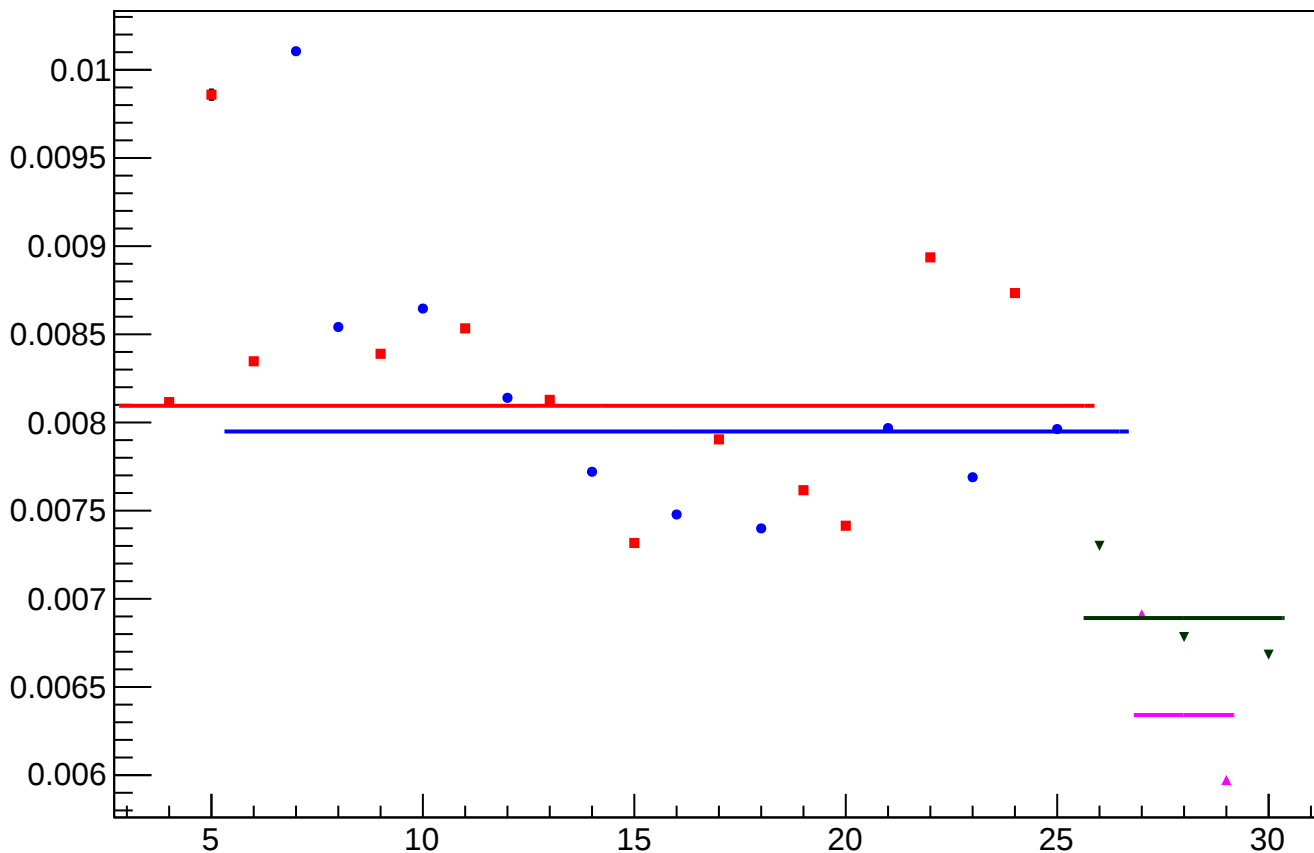
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.296+/-0.000 χ^2/NDF :19469196.5/1

-3.216+/-0.000 χ^2/NDF : 2251573114.3/12

-3.204+/-0.000 χ^2/NDF : 2702841498.5/13

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 : 3709.8/2

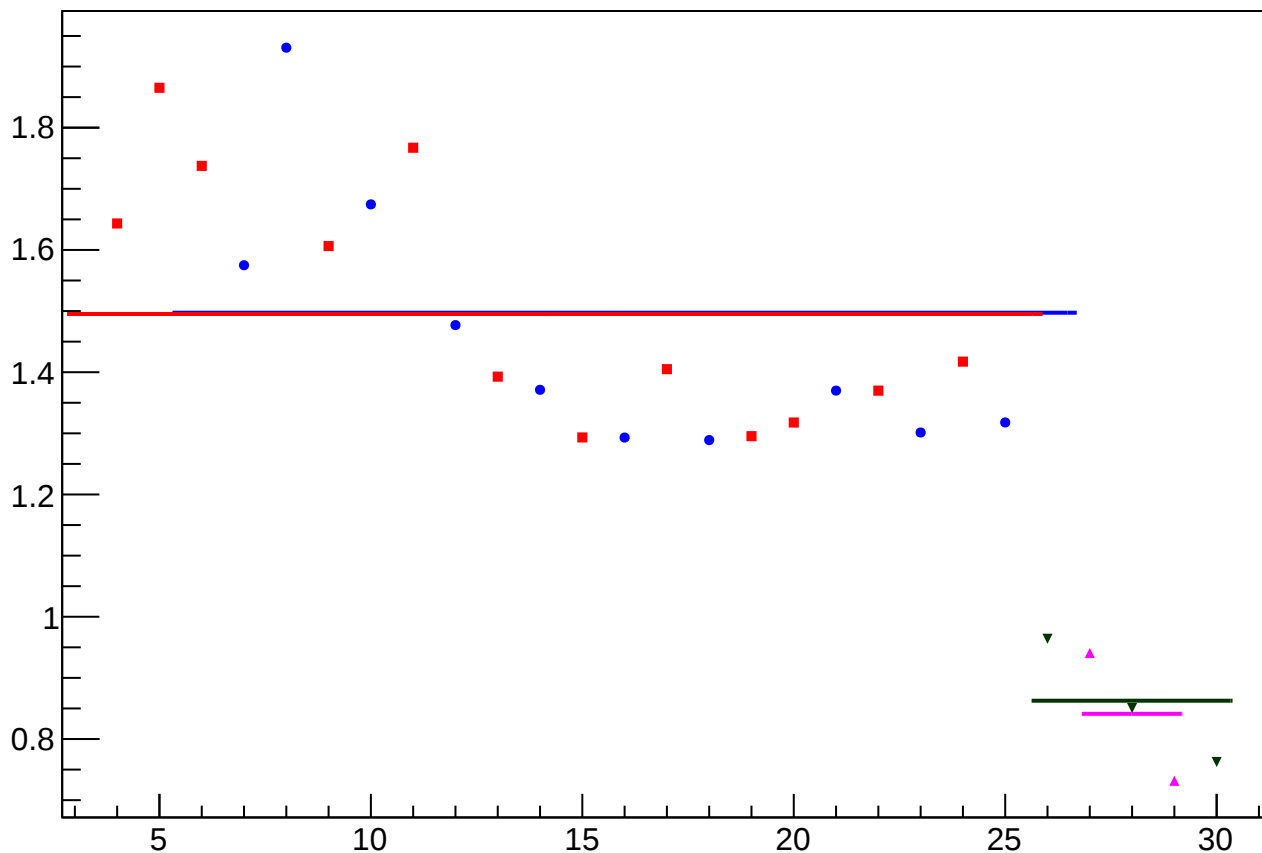
Right Out: 0.008+/-0.000 χ^2/NDF : 41566.1/11

Left In: 0.006+/-0.000 χ^2/NDF : 16375.0/1

0.008+/-0.000 χ^2/NDF : 95811.0/12

0.008+/-0.000 χ^2/NDF : 218755.1/13

yield_bpm0l03Y_mean vs slug



Right In: 1.497+/-0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.863+/-0.000 χ^2/NDF : 103468905.7/2

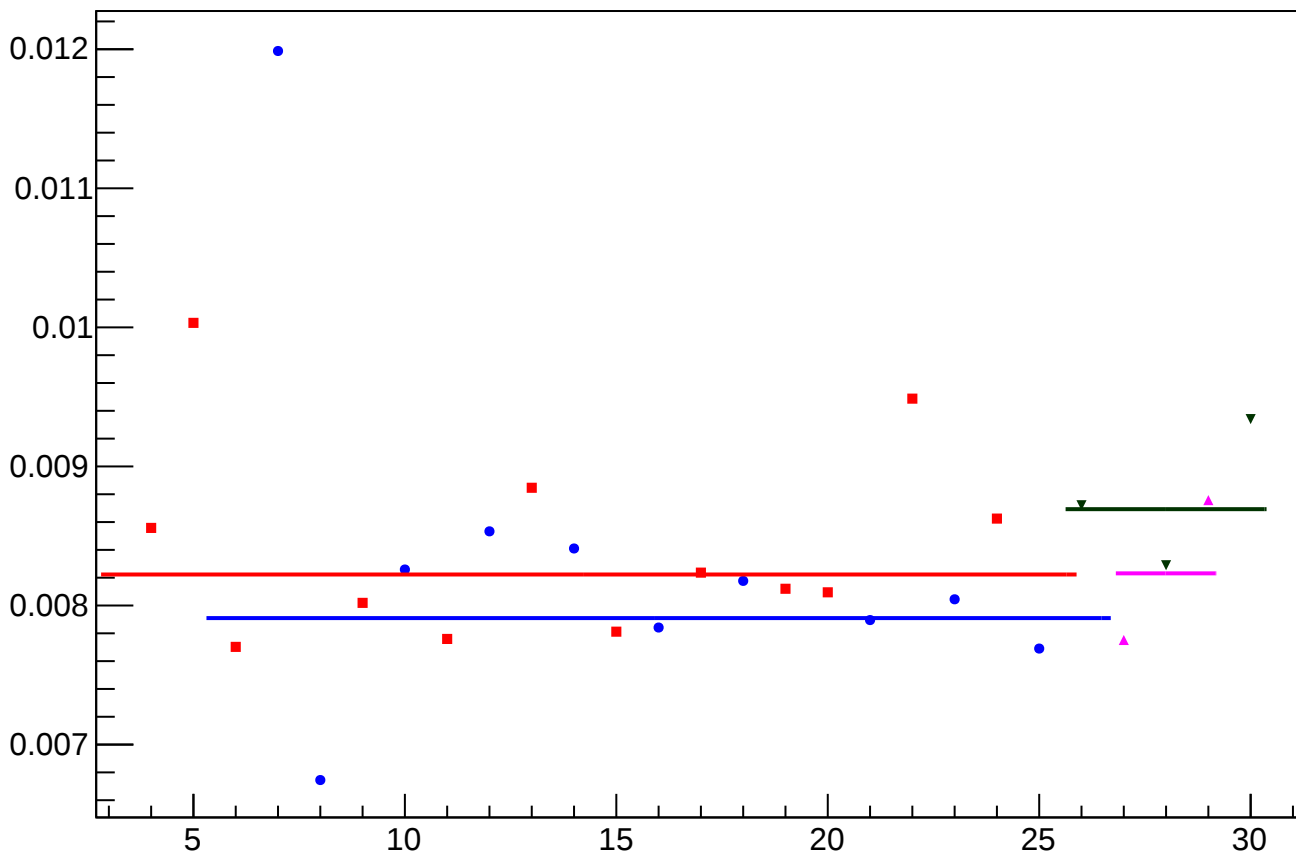
Right Out: 1.495+/-0.000 χ^2/NDF : 2404671234.5/11

Left In: 0.841+/-0.000 χ^2/NDF : 248363400.7/1

1.389+/-0.000 χ^2/NDF : 11084112846.8/12

1.344+/-0.000 χ^2/NDF : 10133395622.0/13

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 91526.9/9

Left Out: 0.009+/-0.000 χ^2/NDF : 6393.6/2

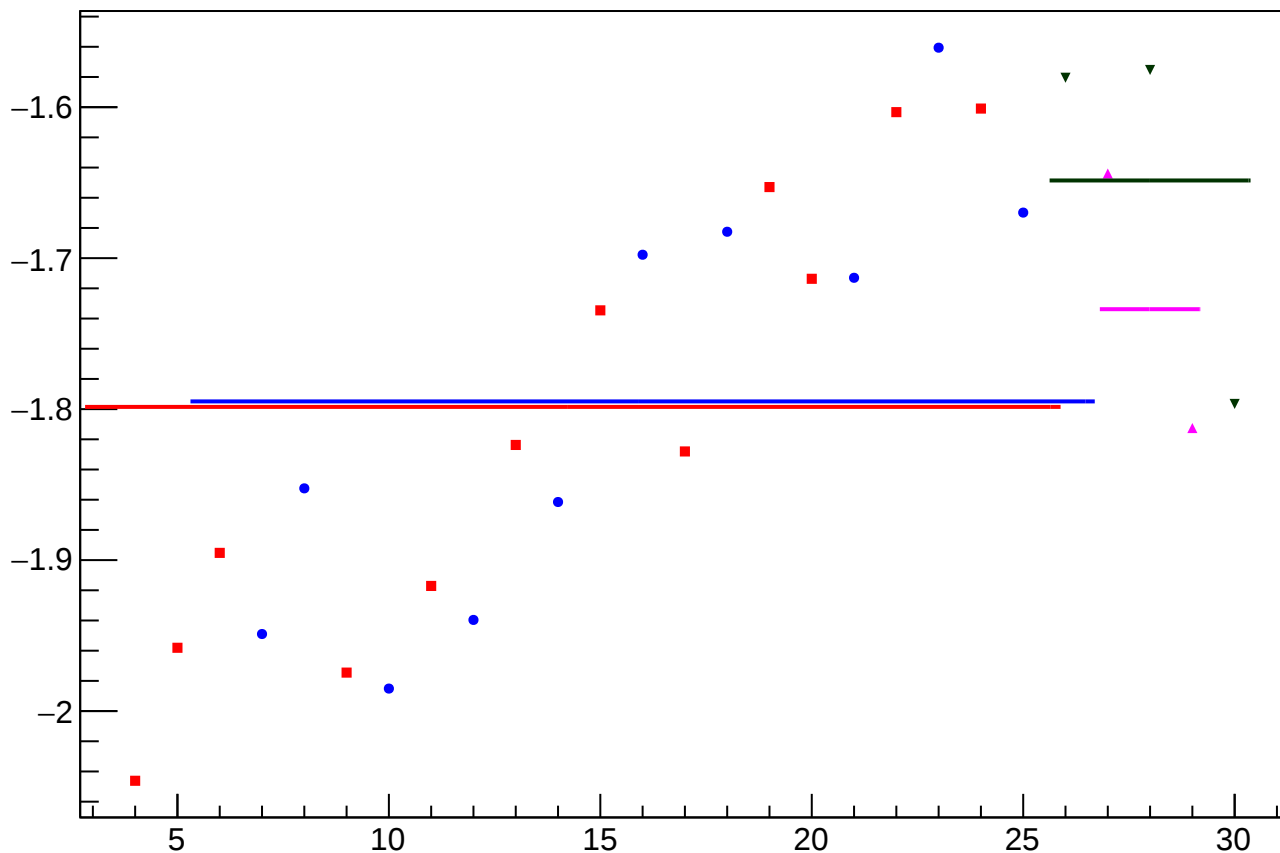
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.008+/-0.000 χ^2/NDF : 11479.3/1

0.008+/-0.000 χ^2/NDF : 116078.2/12

0.008+/-0.000 χ^2/NDF : 49650.1/13

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.649+/-0.000 χ^2/NDF :122571432.6/2

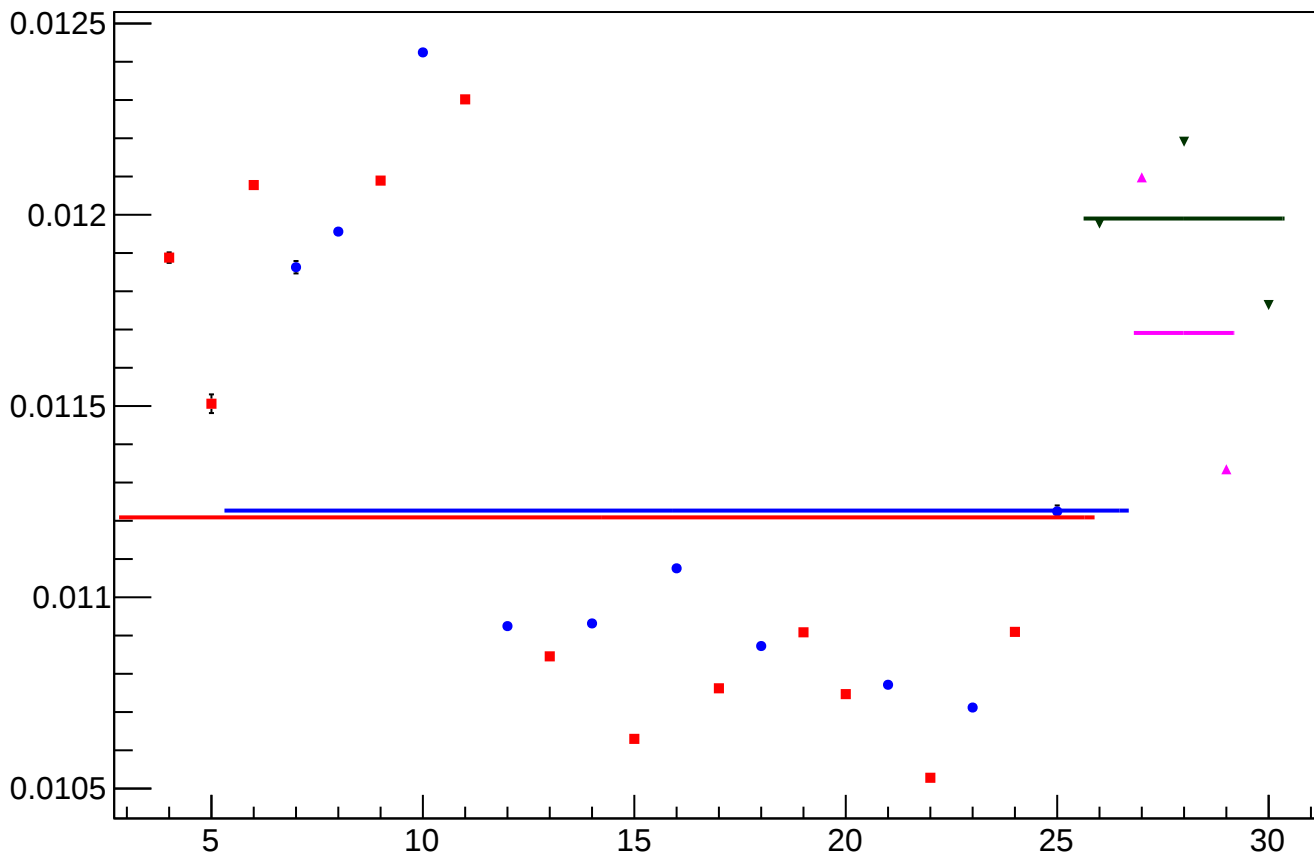
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.734+/-0.000 χ^2/NDF :86563167.3/1

-1.767+/-0.000 χ^2/NDF : 1161058980.2/12

-1.786+/-0.000 χ^2/NDF : 1058521950.5/13

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 32205.5/9

Left Out: 0.012+/-0.000 χ^2/NDF : 749.1/2

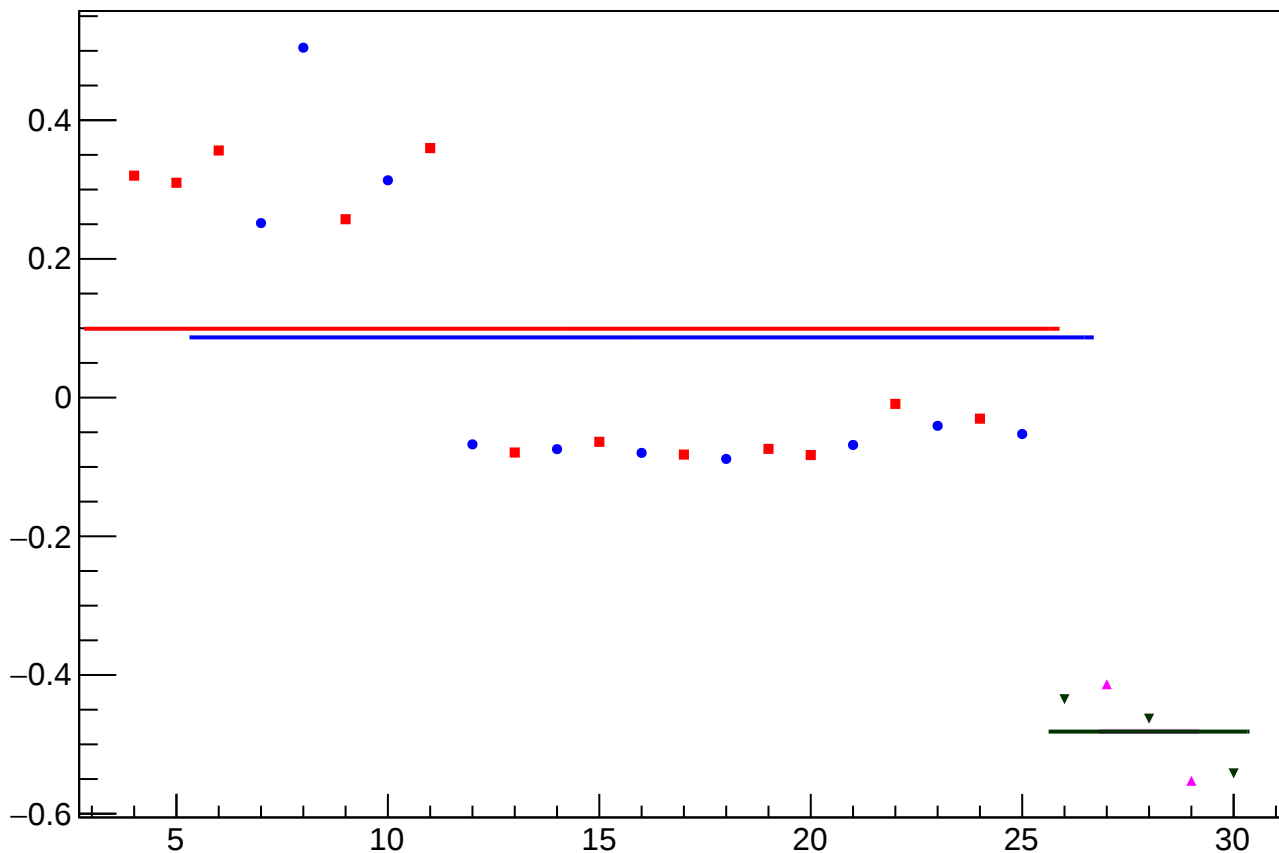
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

Left In: 0.012+/-0.000 χ^2/NDF : 3547.8/1

0.011+/-0.000 χ^2/NDF : 44000.3/12

0.011+/-0.000 χ^2/NDF : 49230.9/13

yield_bpm0l04Y_mean vs slug



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

Left Out: -0.482+/-0.000 χ^2/NDF : 54987501.4/2

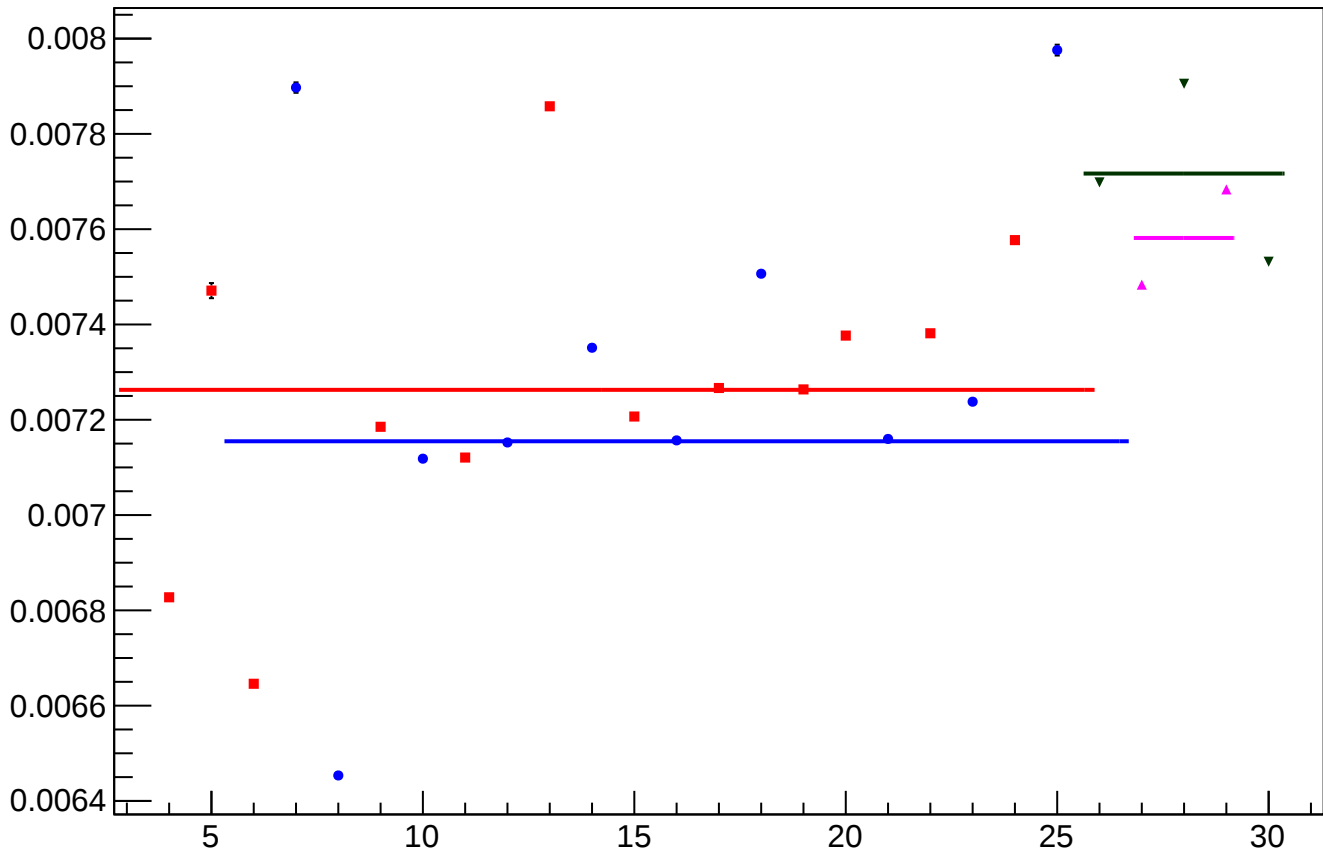
-0.017+/-0.000 χ^2/NDF : 13877503049.0/12

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

-0.016+/-0.000 χ^2/NDF : 12169945522.6/13

Left In: -0.482+/-0.000 χ^2/NDF : 139743668.5/1

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 :1353.3/2

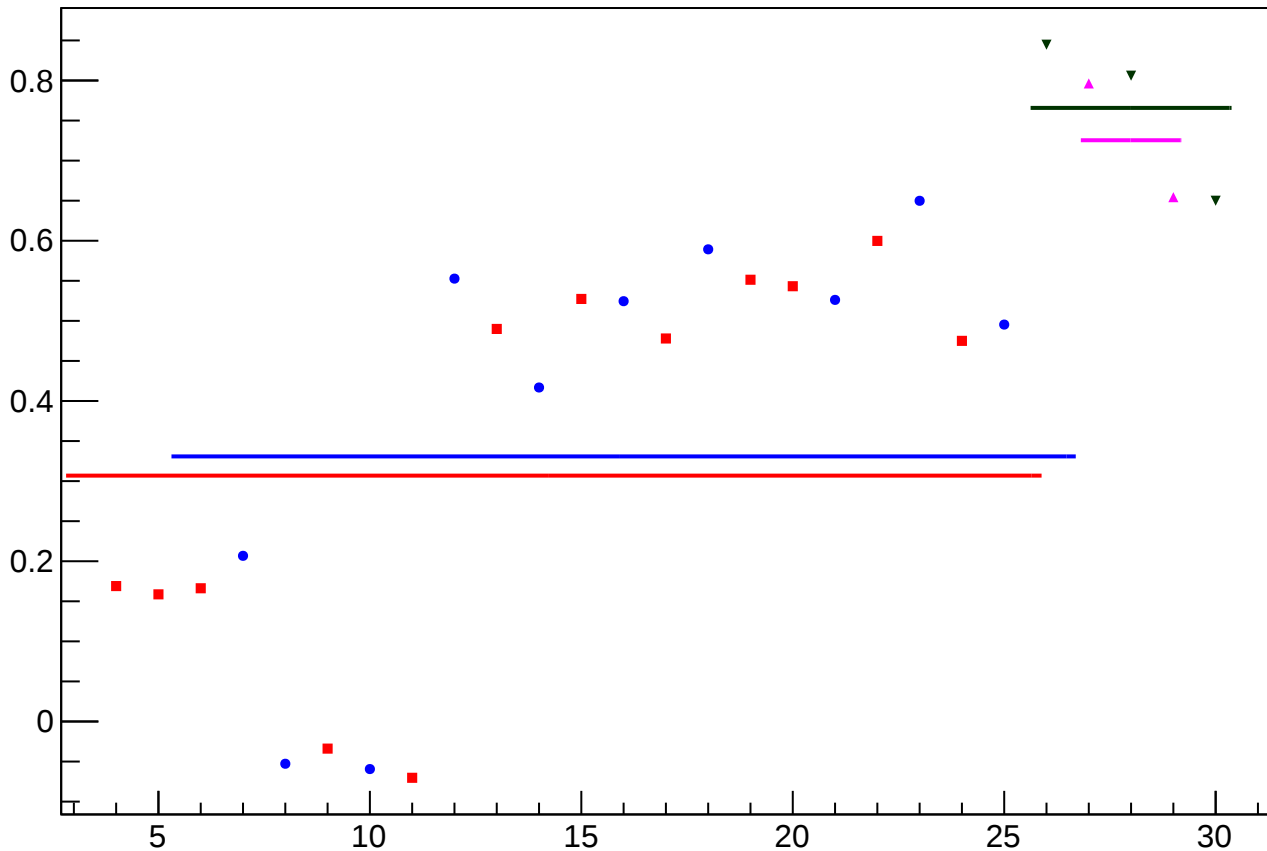
Right Out: 0.007+/-0.000 χ^2/NDF : 25457.6/11

Left In: 0.008+/-0.000 χ^2/NDF :575.7/1

0.007+/-0.000 χ^2/NDF : 50506.1/12

0.007+/-0.000 χ^2/NDF : 30727.0/13

yield_bpm0l05X_mean vs slug



Right In: 0.331+/-0.000 χ^2/NDF : 10288533334.9/9

Left Out: 0.766+/-0.000 χ^2/NDF : 256665896.0/2

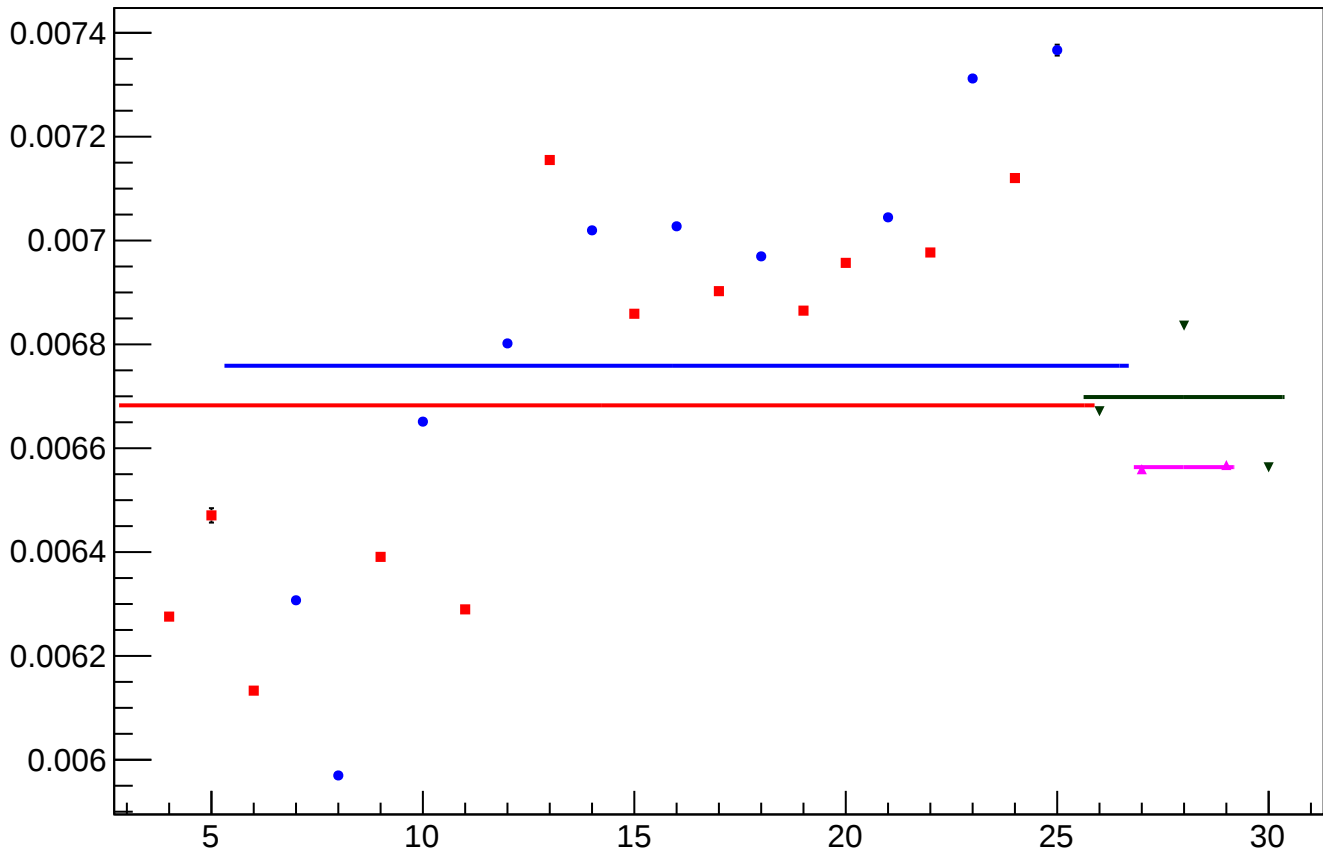
0.424+/-0.000 χ^2/NDF : 16129045646.5/12

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

0.398+/-0.000 χ^2/NDF : 14116903685.0/13

Left In: 0.725+/-0.000 χ^2/NDF : 196110836.4/1

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 51100.4/9

Left Out: 0.007+/-0.000 χ^2/NDF : 1011.0/2

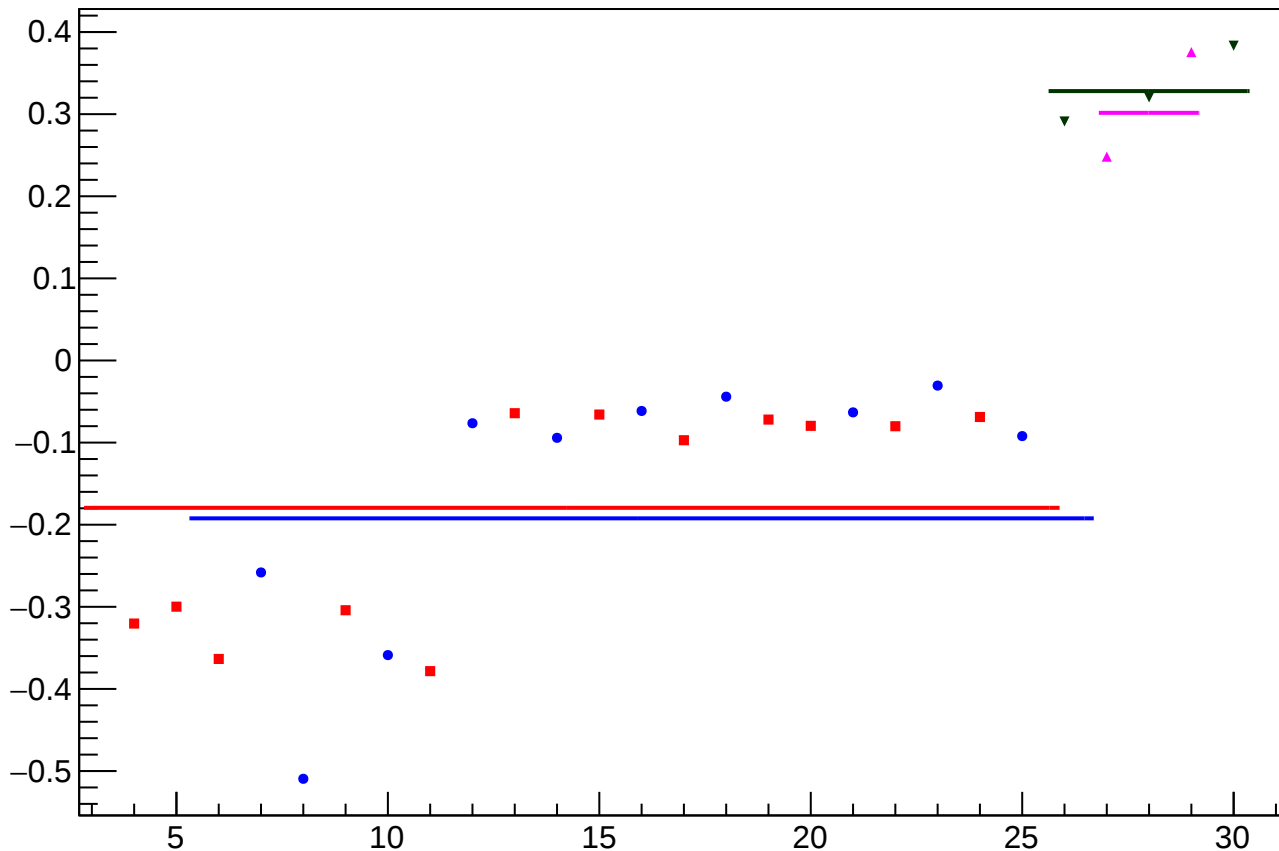
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 1.3/1

0.007+/-0.000 χ^2/NDF : 52325.8/12

0.007+/-0.000 χ^2/NDF : 38784.9/13

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.328+/-0.000 χ^2/NDF : 71690195.5/2

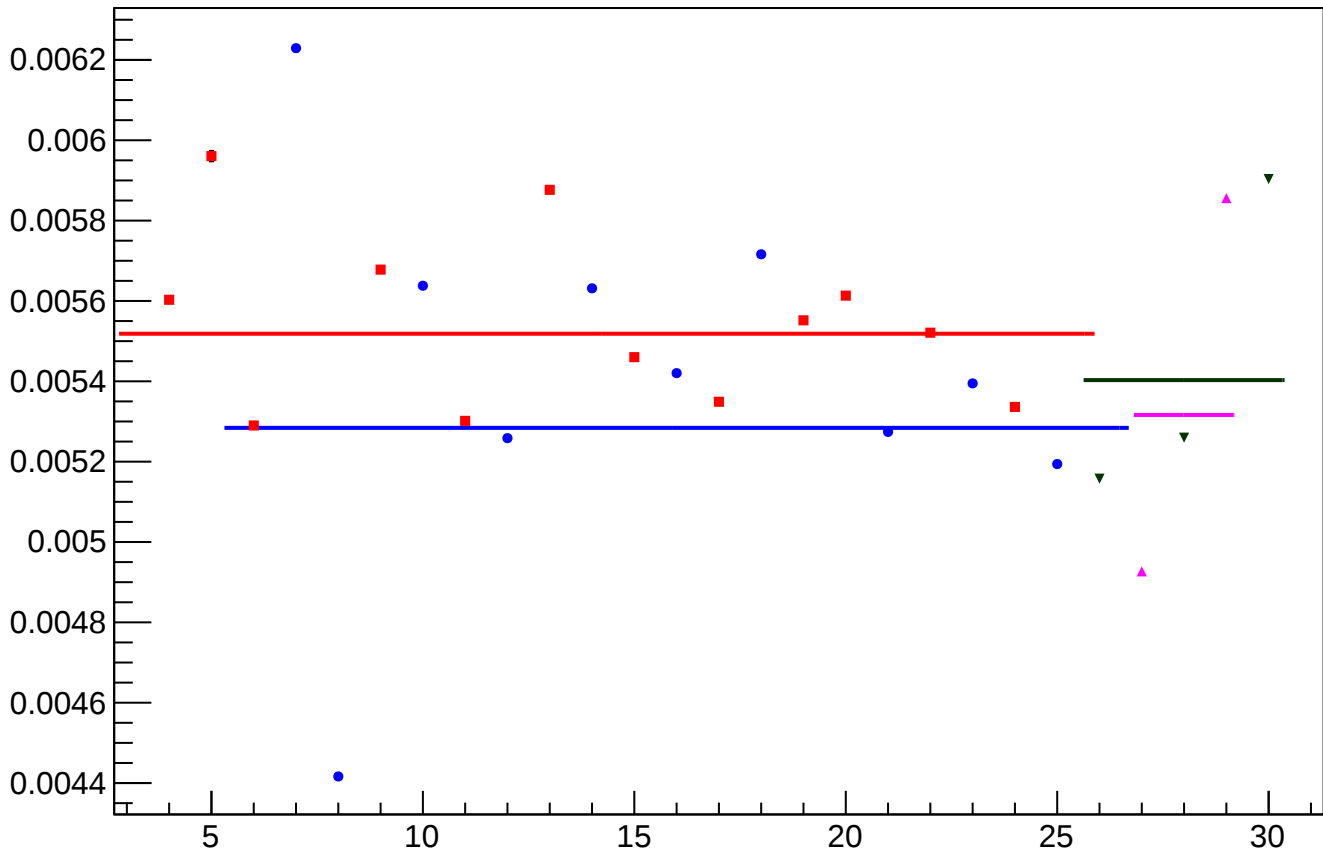
-0.089+/-0.000 χ^2/NDF : 19467338691.6/12

Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

-0.071+/-0.000 χ^2/NDF : 14093227992.7/13

Left In: 0.302+/-0.000 χ^2/NDF : 227716103.2/1

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 :10565.5/2

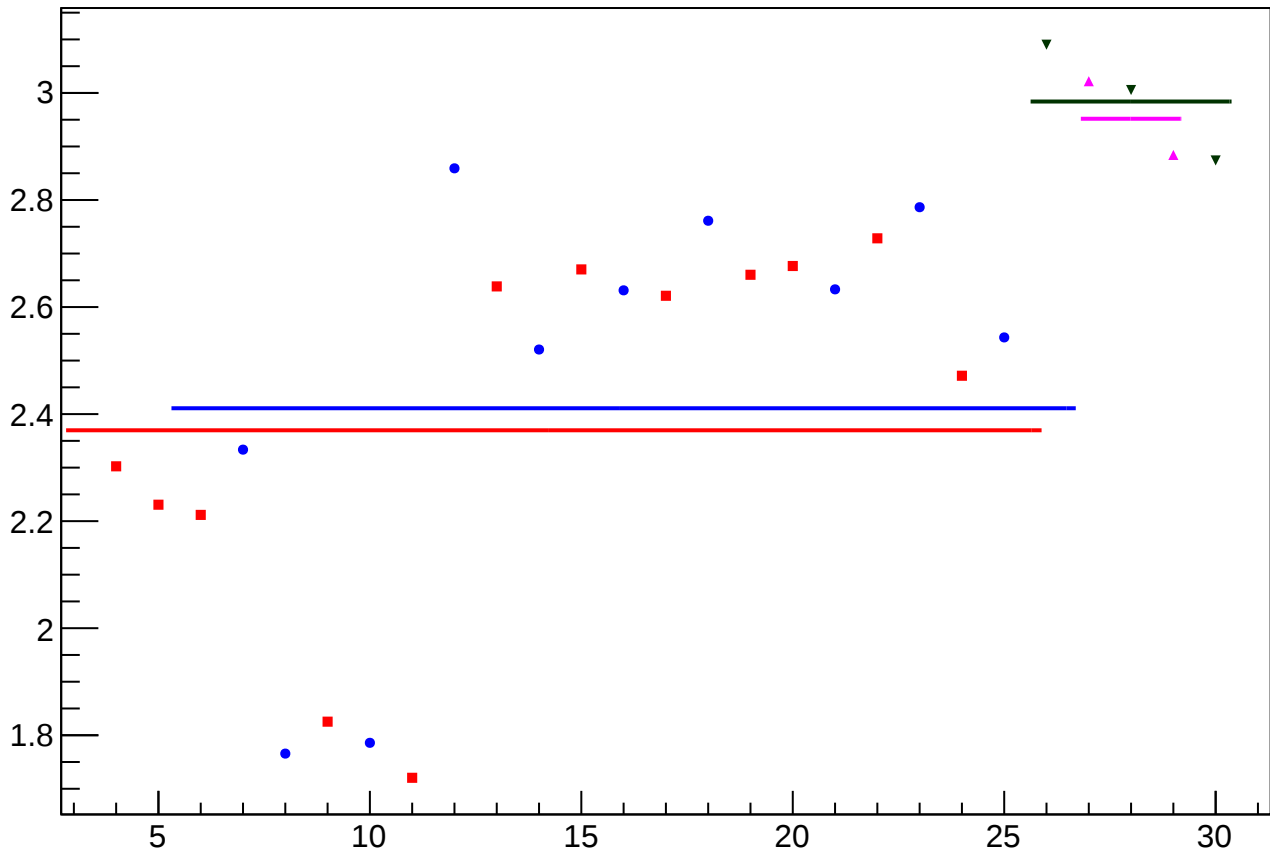
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.005+/-0.000 χ^2/NDF :24252.4/1

0.005+/-0.000 χ^2/NDF : 113114.4/12

0.005+/-0.000 χ^2/NDF : 43794.9/13

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 2.984+/-0.000 χ^2/NDF :135018051.2/2

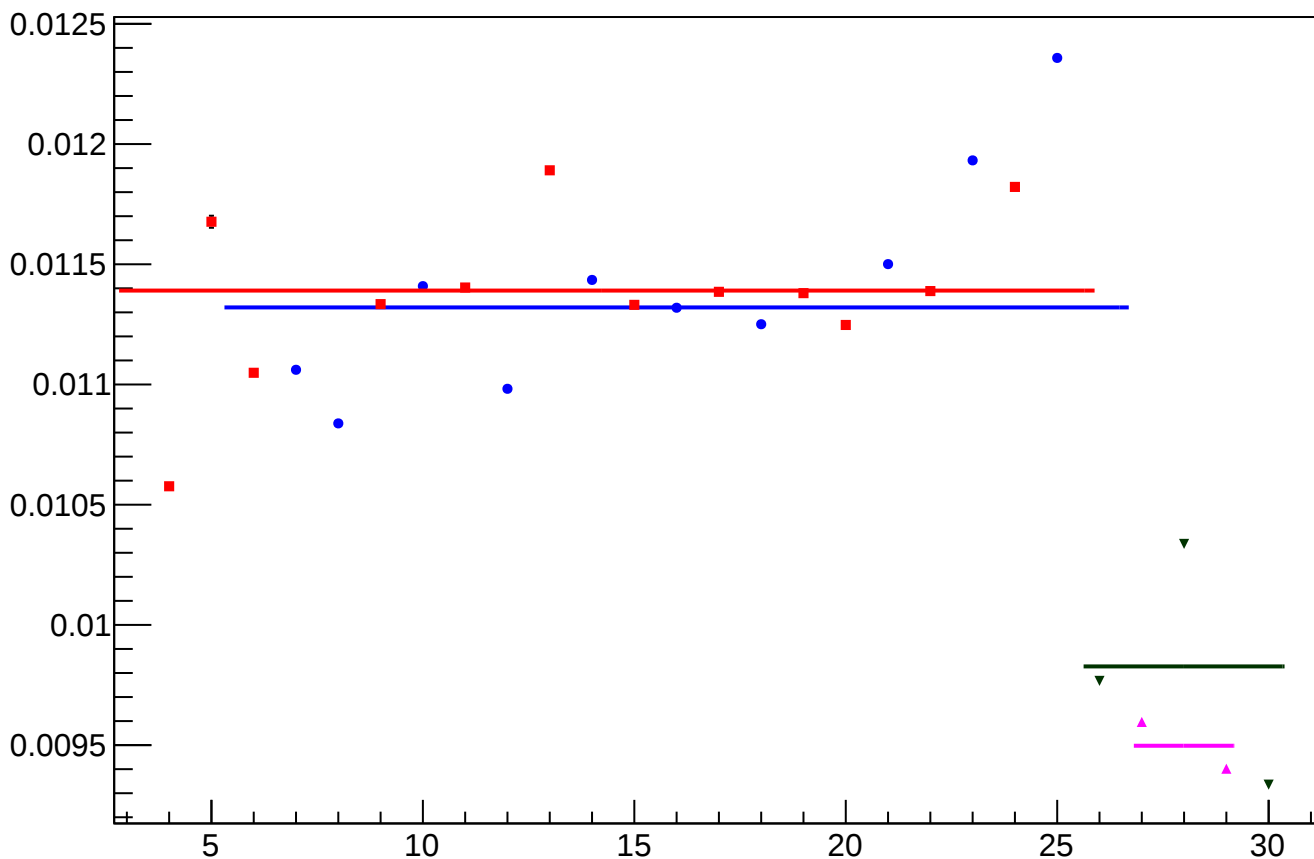
2.563+/-0.000 χ^2/NDF : 12719018647.0/12

Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

2.534+/-0.000 χ^2/NDF : 10797666885.4/13

Left In: 2.952+/-0.000 χ^2/NDF :88861923.3/1

yield_bpm0l06X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 11666.9/9

Left Out: 0.010+/-0.000 χ^2/NDF : 6425.3/2

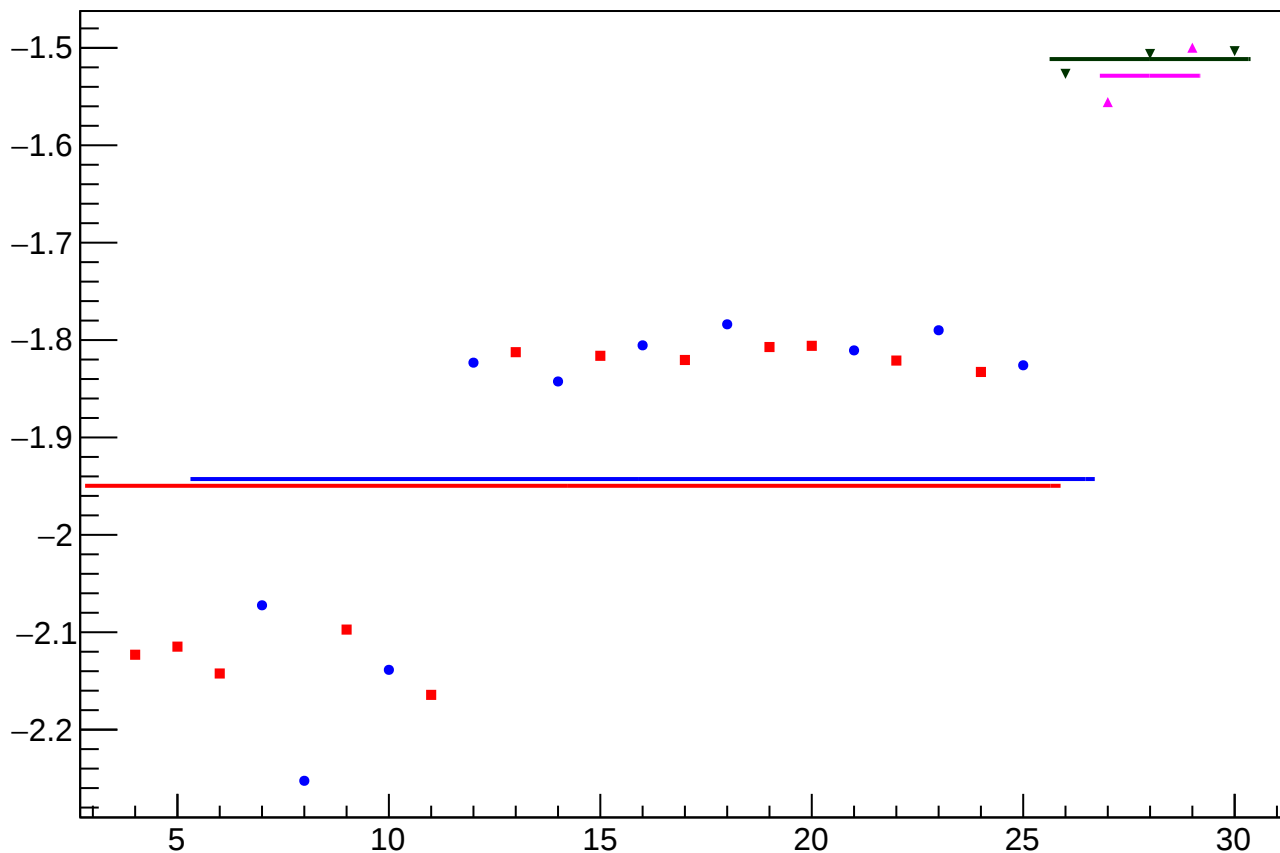
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.009+/-0.000 χ^2/NDF : 354.8/1

0.011+/-0.000 χ^2/NDF : 76421.3/12

0.011+/-0.000 χ^2/NDF : 107347.6/13

yield_bpm0l06Y_mean vs slug



Right In: -1.943 ± 0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.511 ± 0.000 χ^2/NDF : 6149975.8/2

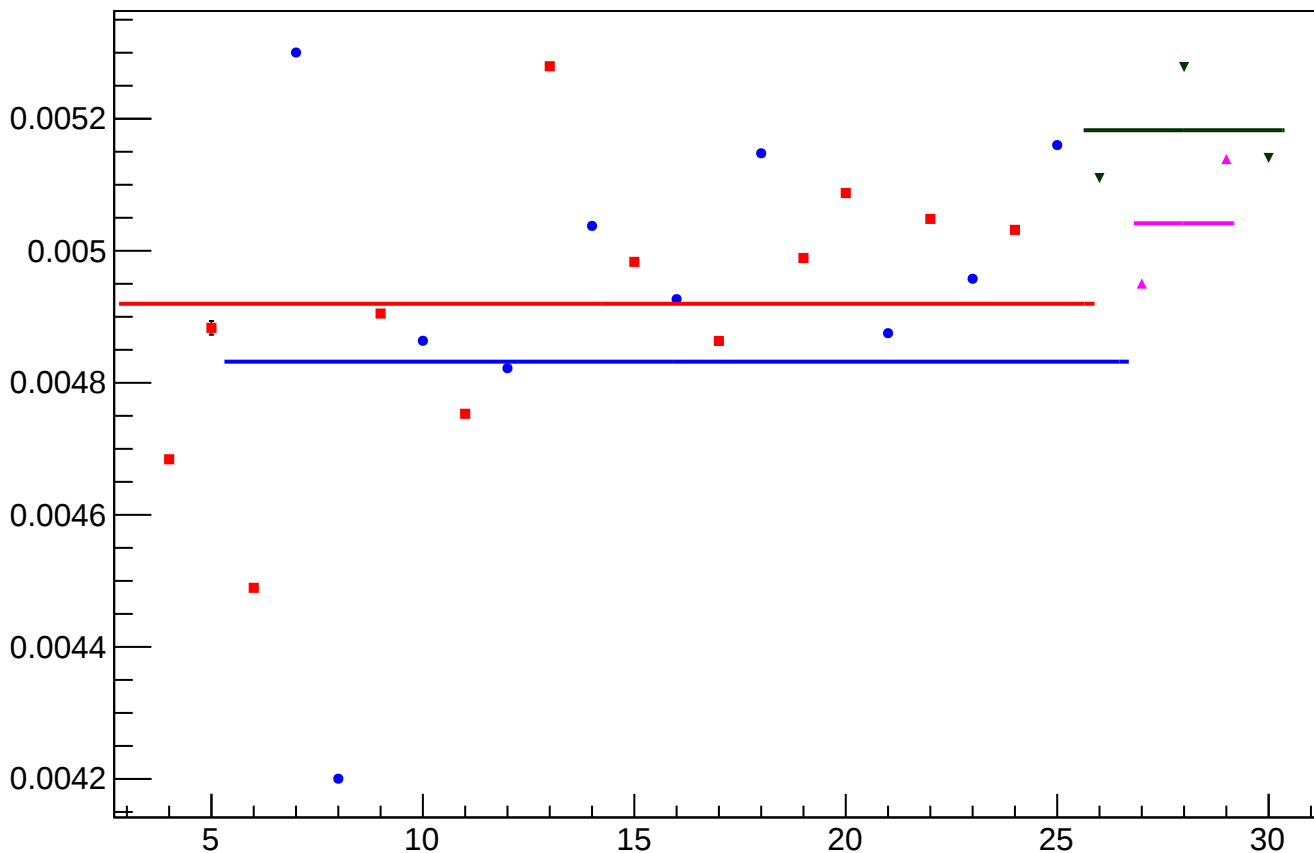
Right Out: -1.950 ± 0.000 χ^2/NDF : 6176400274.4/11

Left In: -1.529 ± 0.000 χ^2/NDF : 50849977.0/1

-1.863 ± 0.000 χ^2/NDF : 18412016972.5/12

-1.864 ± 0.000 χ^2/NDF : 15426802286.8/13

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 55245.9/9

Left Out: 0.005+/-0.000 χ^2/NDF : 677.5/2

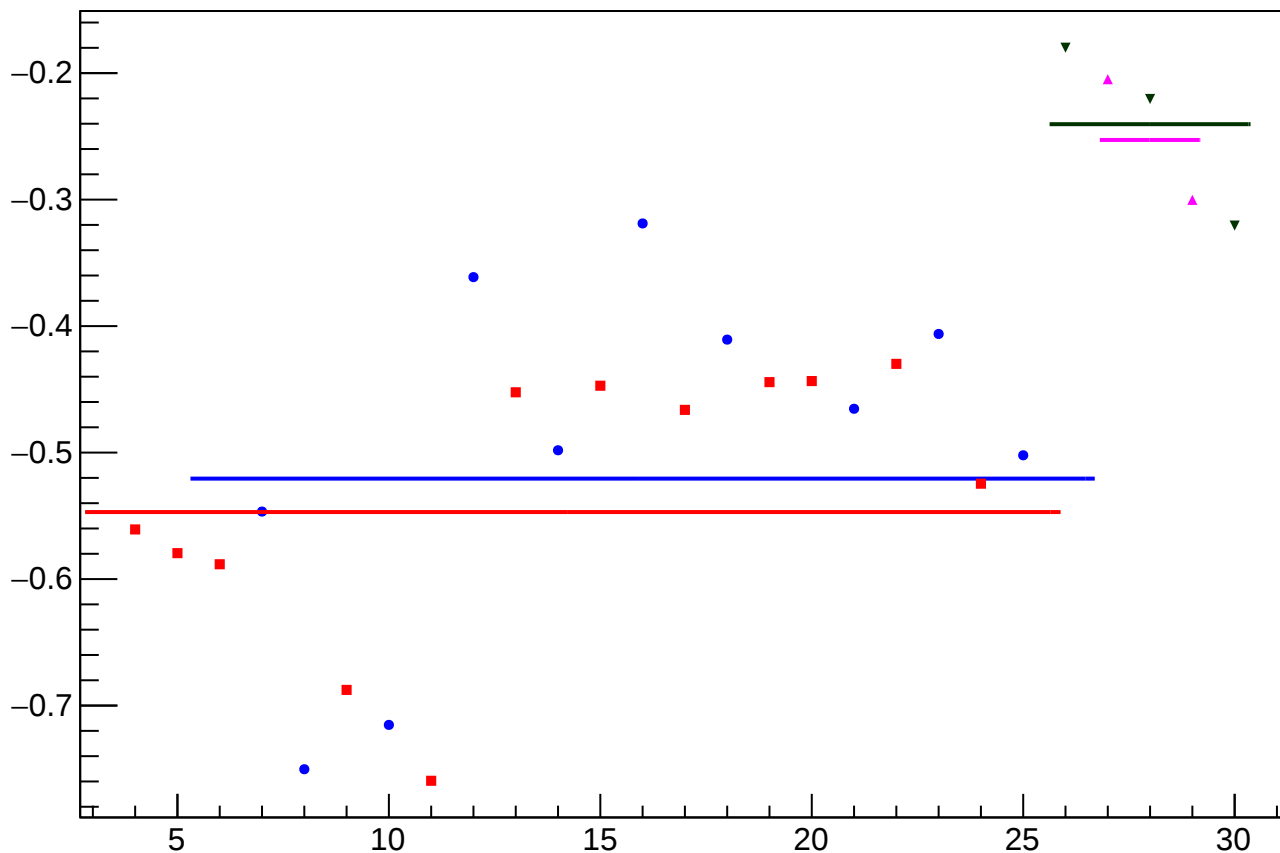
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 1159.6/1

0.005+/-0.000 χ^2/NDF : 68117.4/12

0.005+/-0.000 χ^2/NDF : 26534.9/13

yield_bpm0l07X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 473408207.3/9

Left Out: -0.240+/-0.000 χ^2/NDF : 25105615.9/2

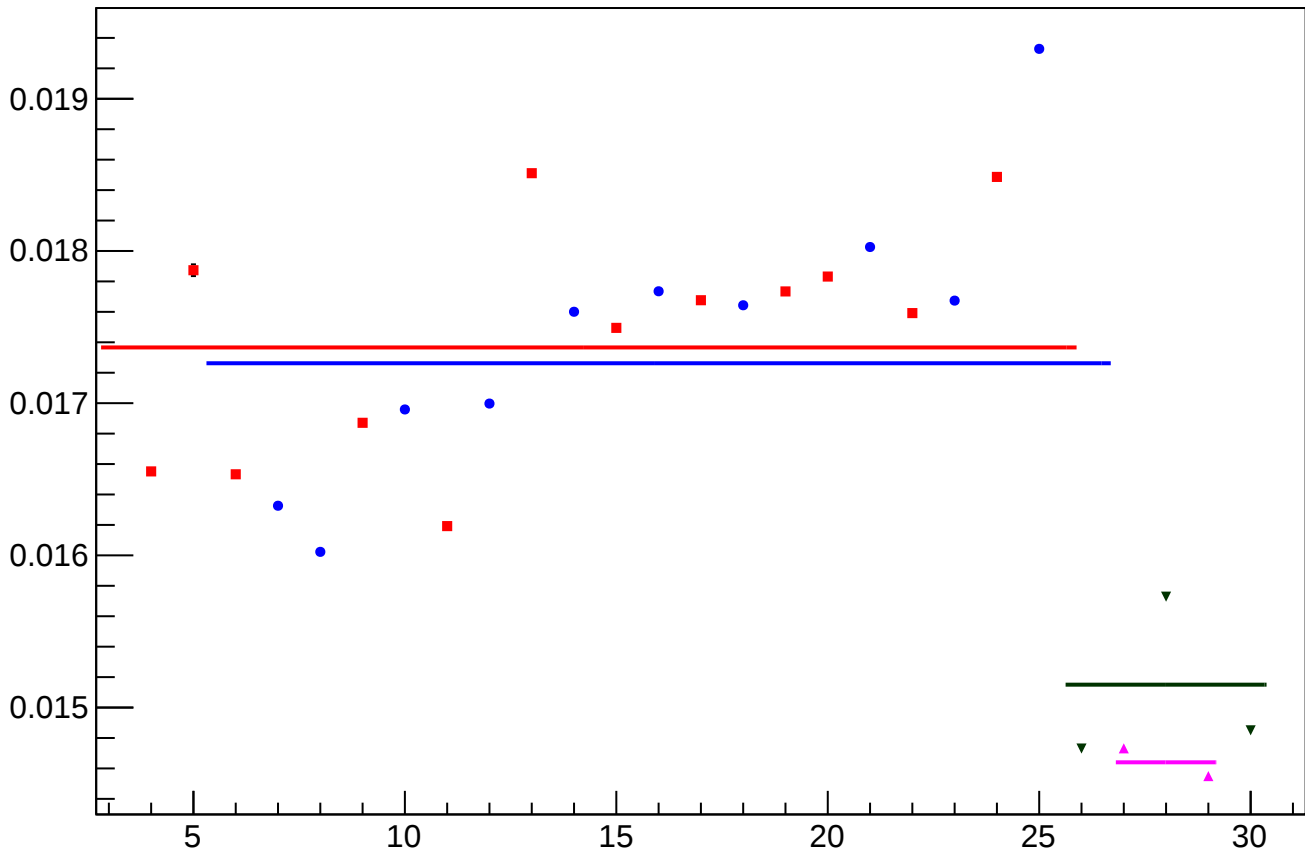
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.253+/-0.000 χ^2/NDF : 18014868.6/1

-0.447+/-0.000 χ^2/NDF : 938382235.9/12

-0.465+/-0.000 χ^2/NDF : 781468783.2/13

yield_bpm0l07X_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 24130.4/9

Left Out: 0.015+/-0.000 χ^2/NDF :3184.1/2

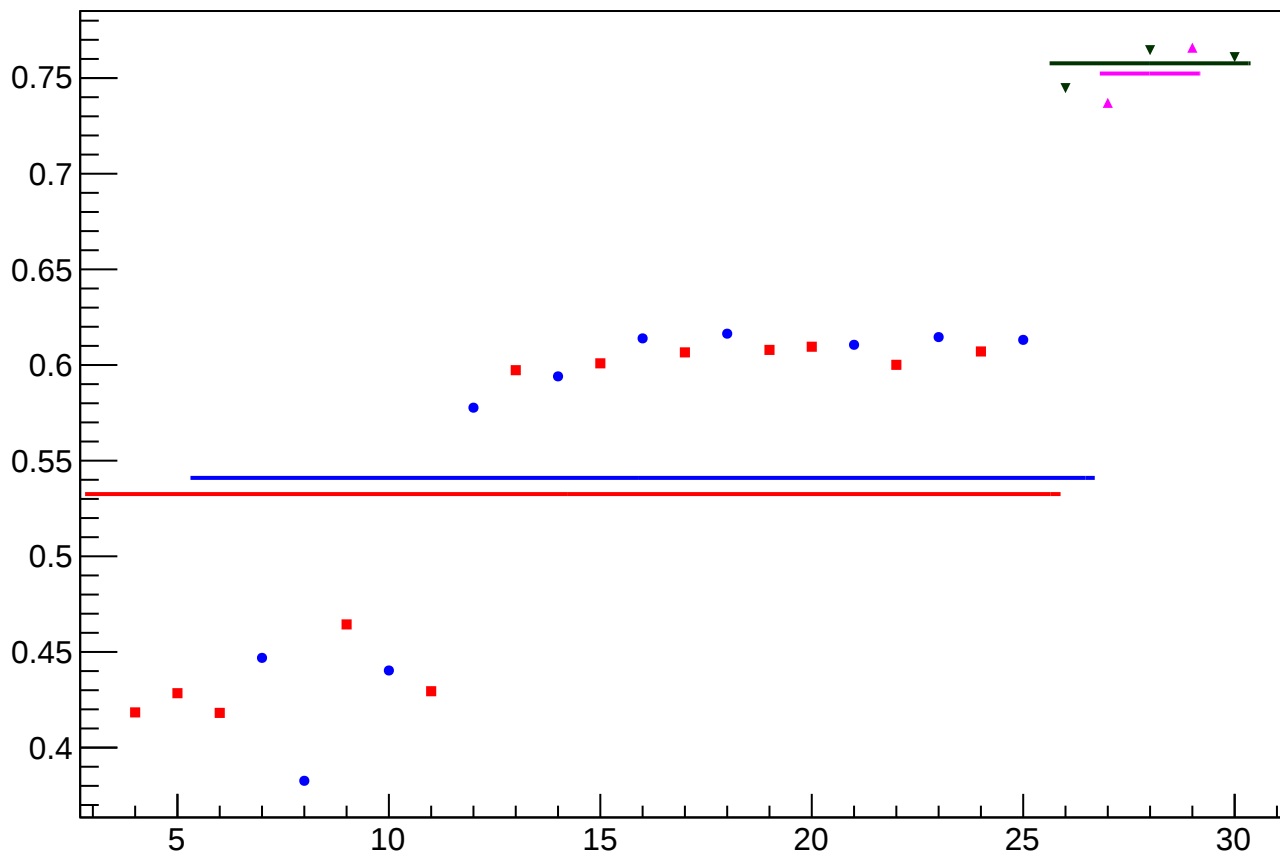
Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

Left In: 0.015+/-0.000 χ^2/NDF :131.8/1

0.017+/-0.000 χ^2/NDF : 77292.9/12

0.017+/-0.000 χ^2/NDF : 110132.6/13

yield_bpm0l07Y_mean vs slug



Right In: 0.541+/-0.000 χ^2/NDF : 5869404533.9/9

Left Out: 0.758+/-0.000 χ^2/NDF : 10416521.5/2

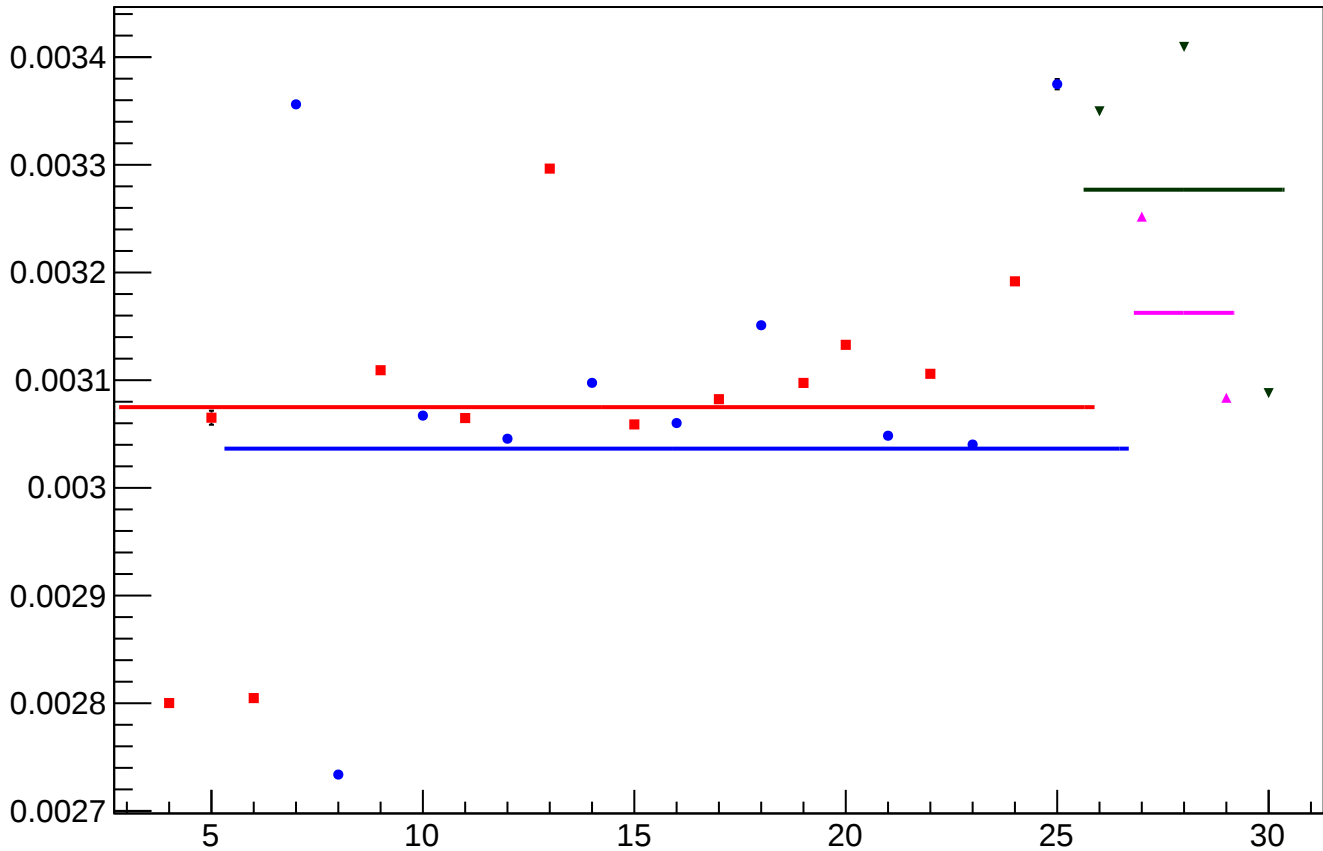
Right Out: 0.533+/-0.000 χ^2/NDF : 4611310317.7/11

Left In: 0.752+/-0.000 χ^2/NDF : 34325836.3/1

0.581+/-0.000 χ^2/NDF : 11767153584.2/12

0.577+/-0.000 χ^2/NDF : 11033545216.8/13

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 33871.1/9

Left Out: 0.003+/-0.000 χ^2/NDF : 6349.2/2

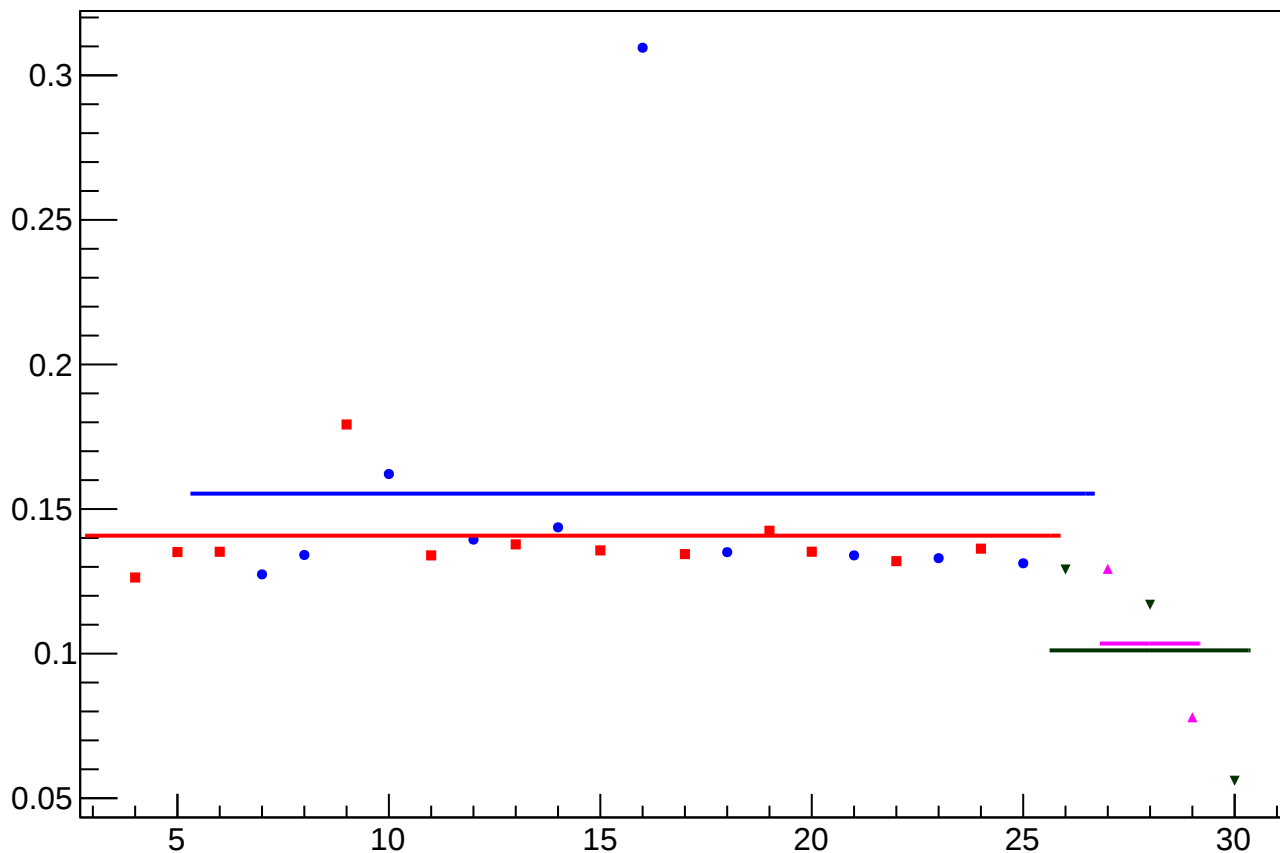
Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

Left In: 0.003+/-0.000 χ^2/NDF : 2336.4/1

0.003+/-0.000 χ^2/NDF : 54715.0/12

0.003+/-0.000 χ^2/NDF : 31515.6/13

yield_bpm0l08X_mean vs slug



Right In: 0.155 ± 0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.101 ± 0.000 χ^2/NDF : 8625138.1/2

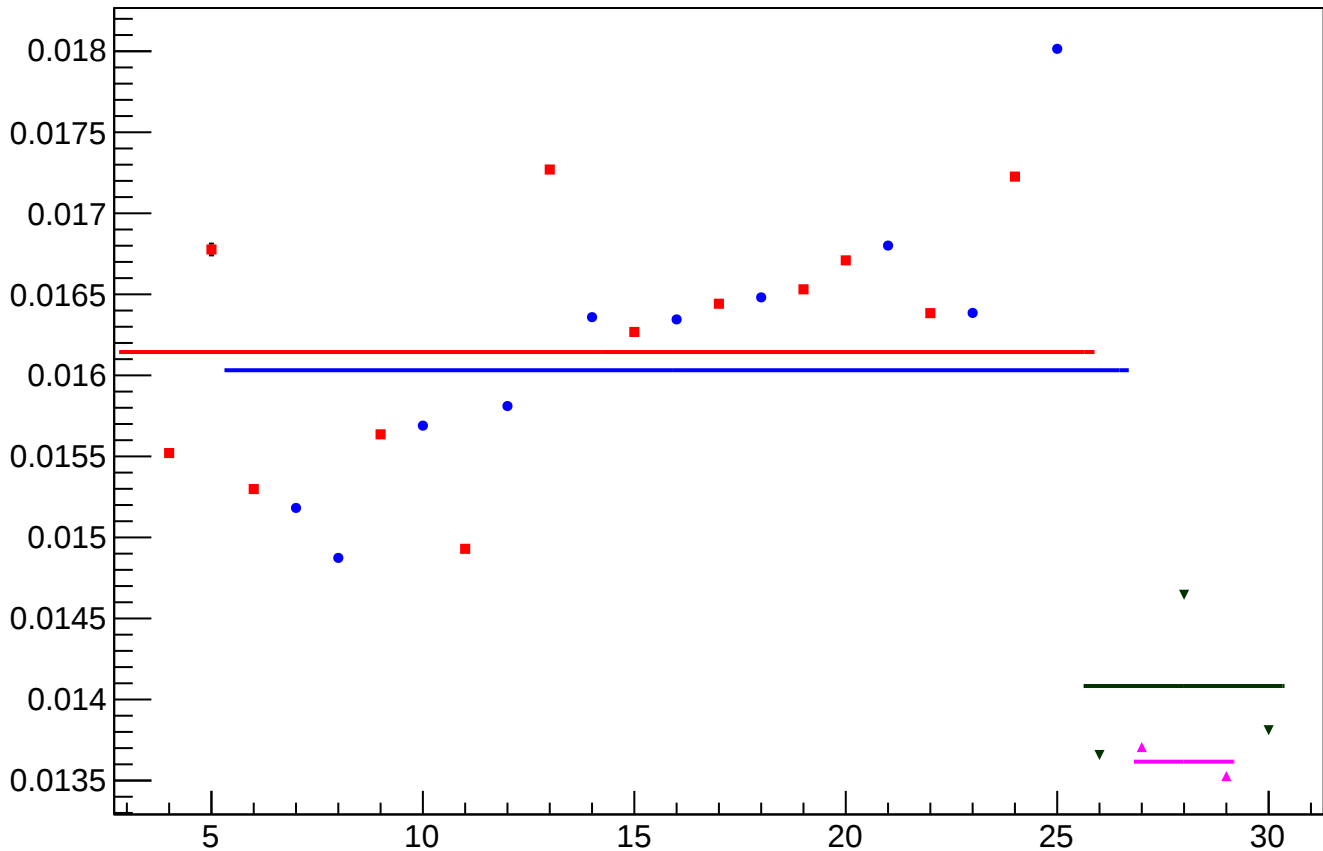
Right Out: 0.141 ± 0.000 χ^2/NDF : 5462429.5/11

Left In: 0.103 ± 0.000 χ^2/NDF : 6035510.6/1

0.141 ± 0.000 χ^2/NDF : 88210322.5/12

0.130 ± 0.000 χ^2/NDF : 20669530.3/13

yield_bpm0l08X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 25086.5/9

Left Out: 0.014+/-0.000 χ^2/NDF : 3507.8/2

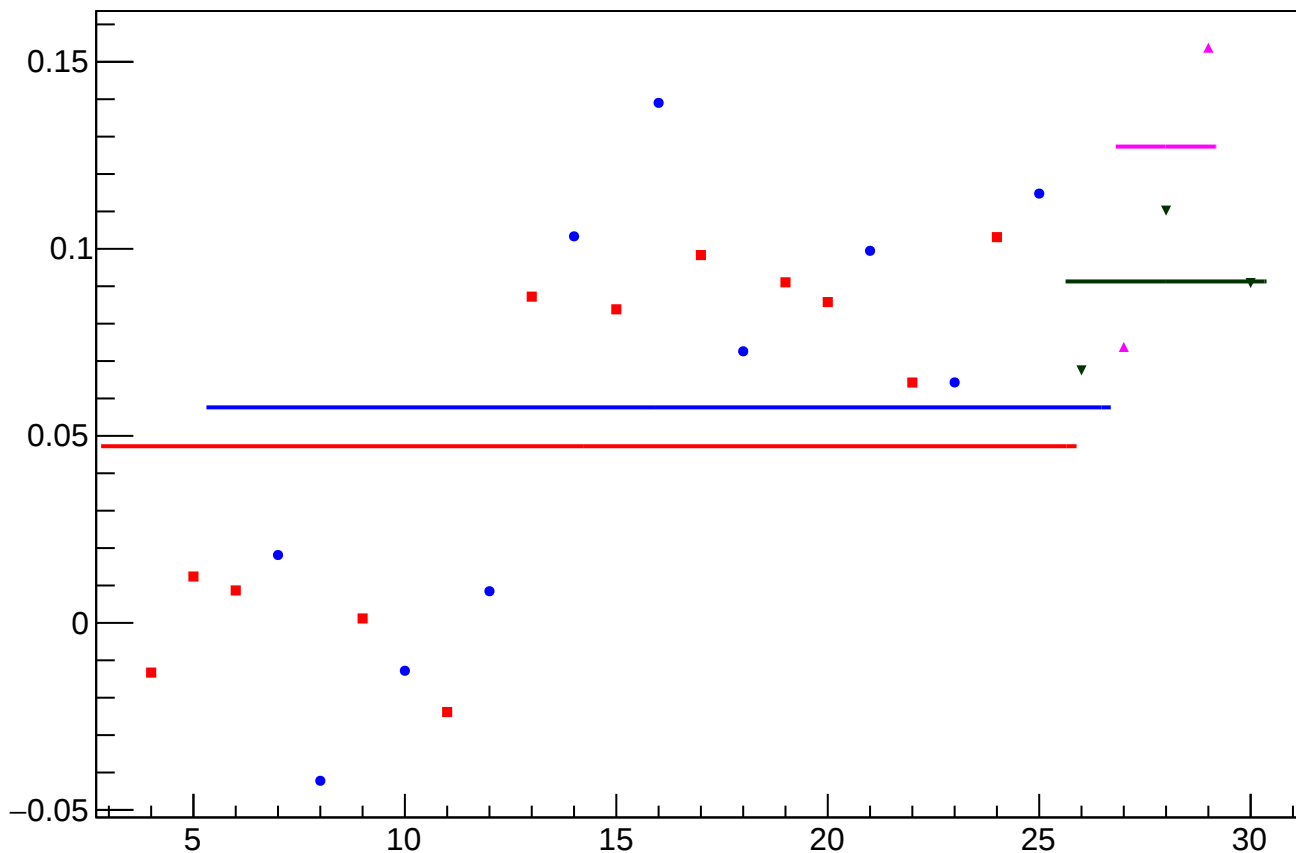
Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

Left In: 0.014+/-0.000 χ^2/NDF : 147.4/1

0.016+/-0.000 χ^2/NDF : 77833.3/12

0.015+/-0.000 χ^2/NDF : 113061.0/13

yield_bpm0l08Y_mean vs slug



Right In: 0.058+/-0.000 χ^2/NDF : 2106835310.3/9

Left Out: 0.091+/-0.000 χ^2/NDF :33062415.1/2

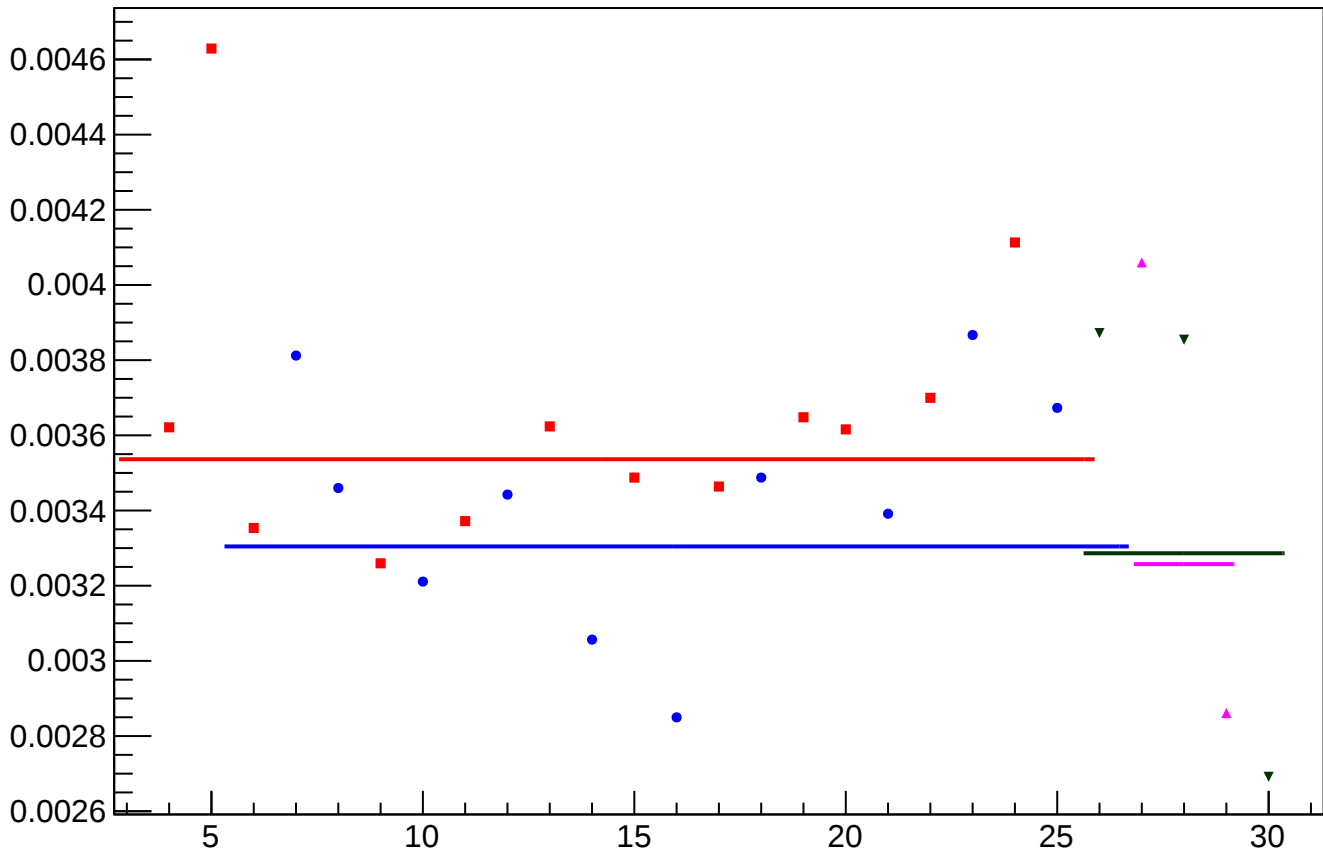
Right Out: 0.047+/-0.000 χ^2/NDF : 1076949152.4/11

Left In: 0.127+/-0.000 χ^2/NDF :214228541.6/1

0.065+/-0.000 χ^2/NDF : 2270437946.6/12

0.067+/-0.000 χ^2/NDF : 2026903960.2/13

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 88903.2/9

Left Out: 0.003+/-0.000 χ^2/NDF : 99431.8/2

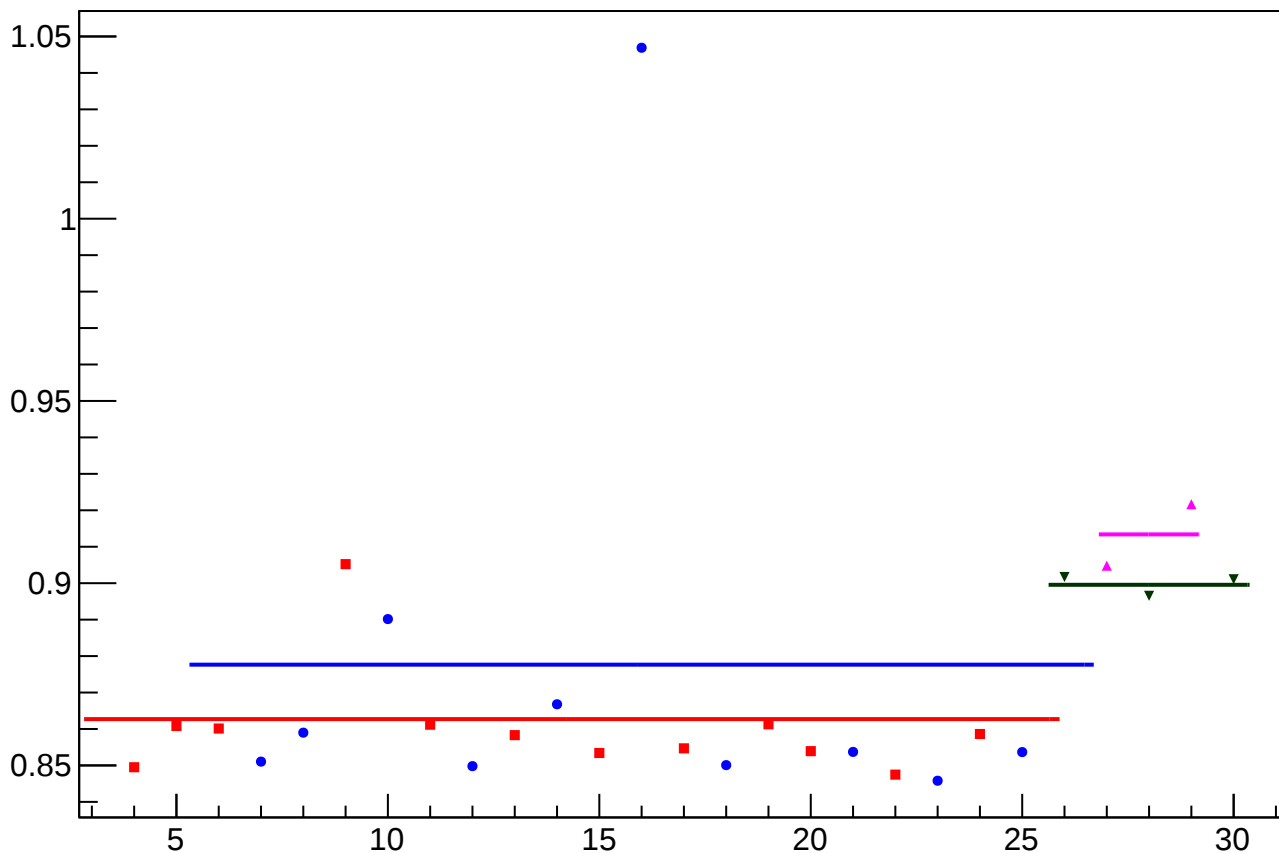
Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 96194.3/1

0.003+/-0.000 χ^2/NDF : 188411.0/12

0.003+/-0.000 χ^2/NDF : 168110.3/13

yield_bpm0l09X_mean vs slug



Right In: 0.878 ± 0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.900 ± 0.000 χ^2/NDF : 50510.3/2

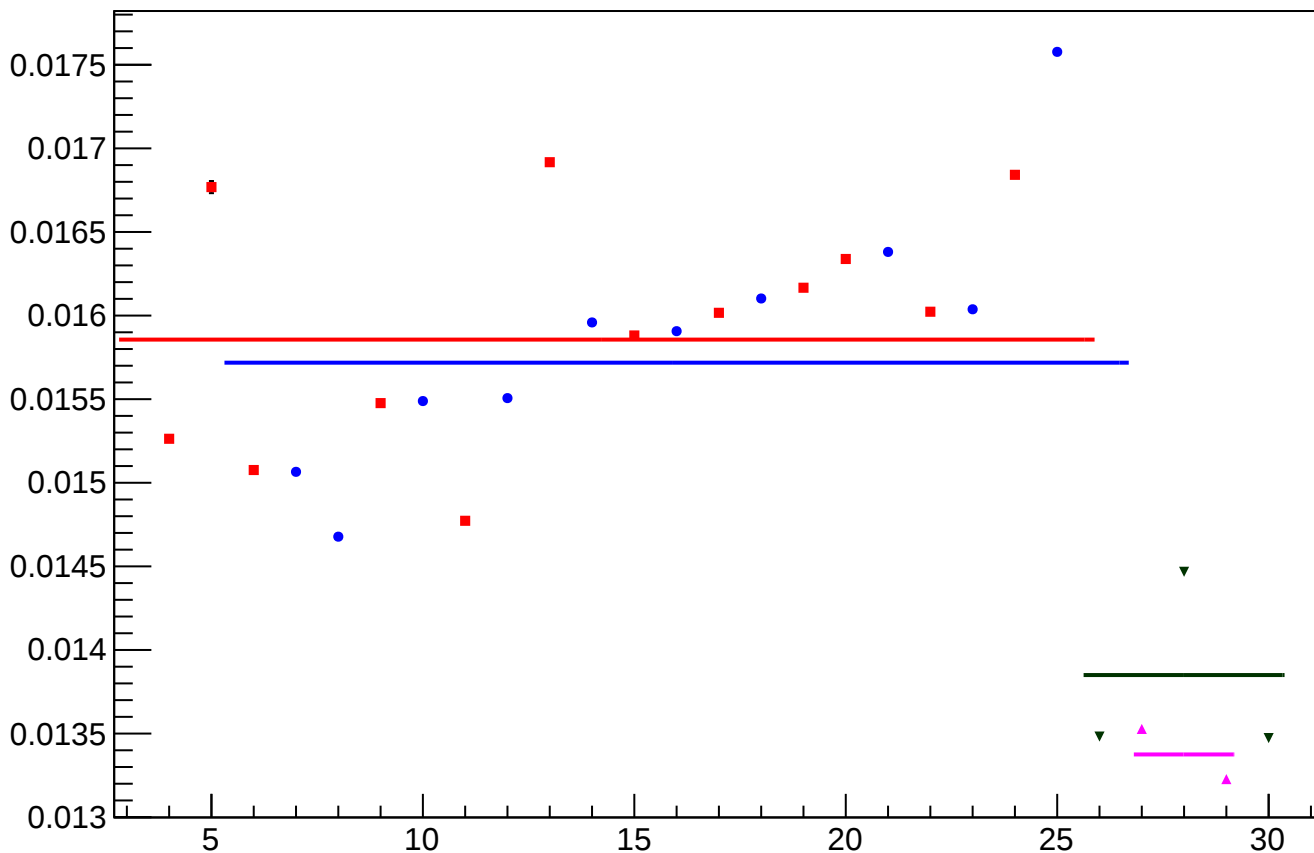
Right Out: 0.863 ± 0.000 χ^2/NDF : 6919011.1/11

Left In: 0.913 ± 0.000 χ^2/NDF : 674629.7/1

0.883 ± 0.000 χ^2/NDF : 81833123.1/12

0.877 ± 0.000 χ^2/NDF : 25123519.6/13

yield_bpm0l09X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 20126.2/9

Left Out: 0.014+/-0.000 χ^2/NDF : 4187.4/2

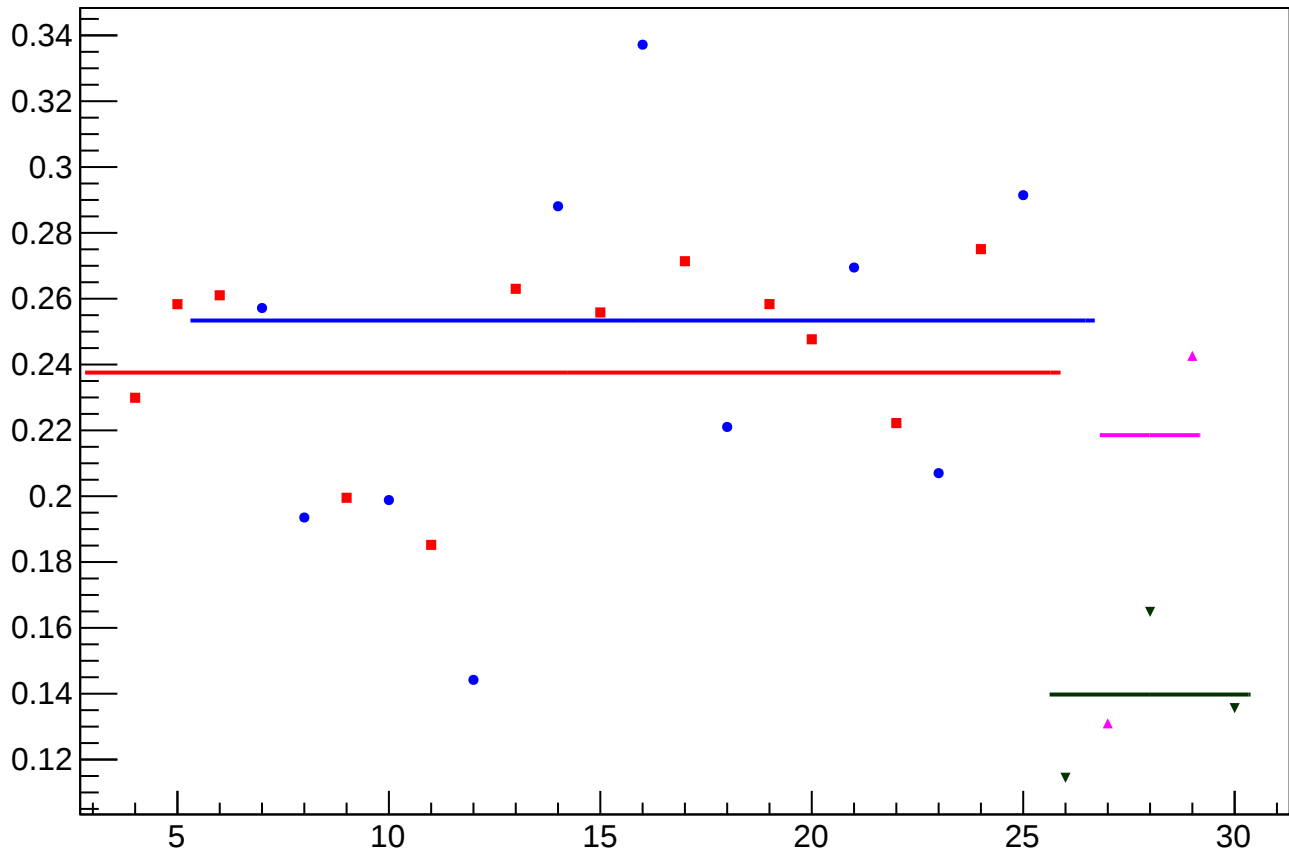
0.015+/-0.000 χ^2/NDF : 71107.7/12

Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

0.015+/-0.000 χ^2/NDF : 108837.6/13

Left In: 0.013+/-0.000 χ^2/NDF : 427.6/1

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.140+/-0.000 χ^2/NDF : 41582844.7/2

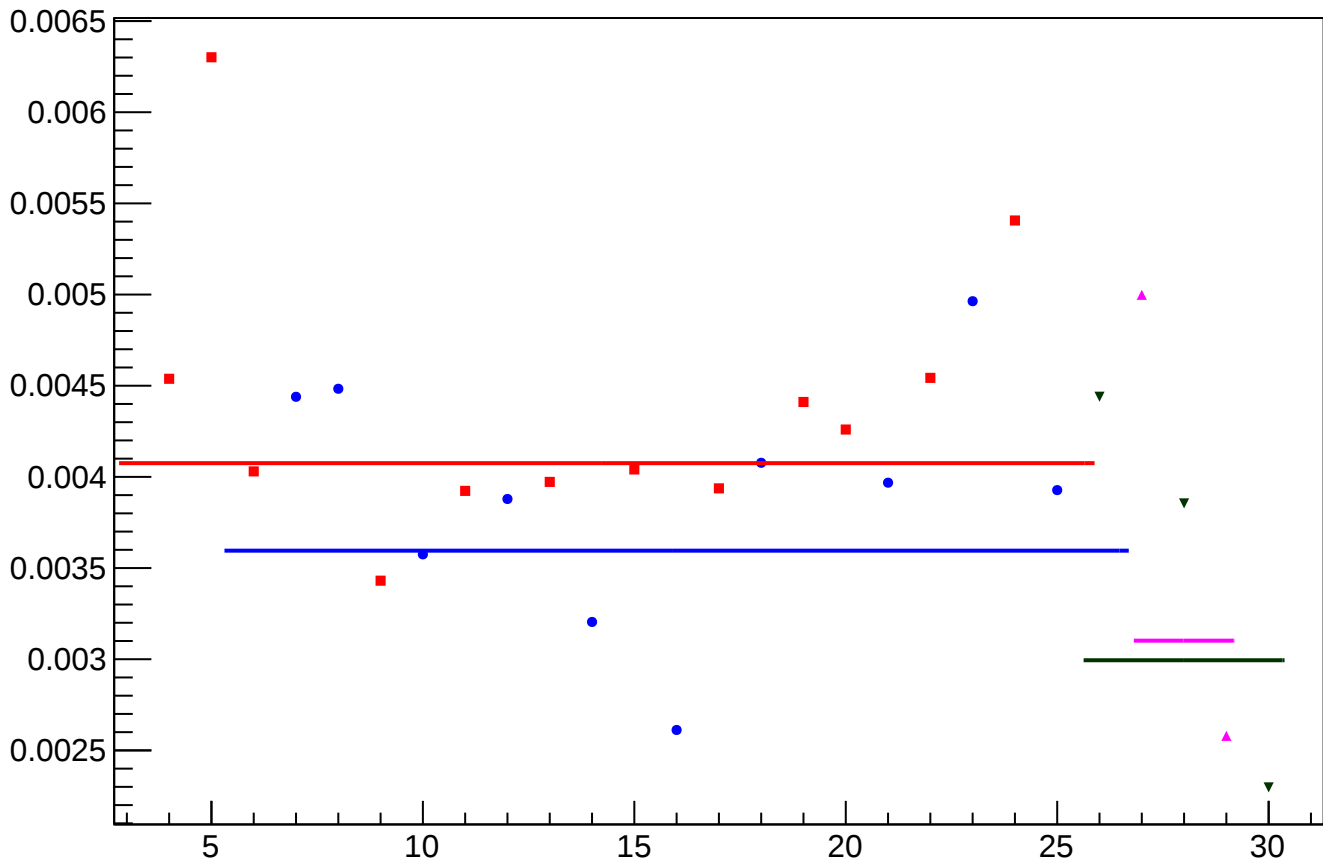
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.219+/-0.000 χ^2/NDF : 315355456.4/1

0.224+/-0.000 χ^2/NDF : 3178556610.5/12

0.232+/-0.000 χ^2/NDF : 691604822.6/13

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 390761.3/9

Left Out: 0.003+/-0.000 χ^2/NDF : 250987.2/2

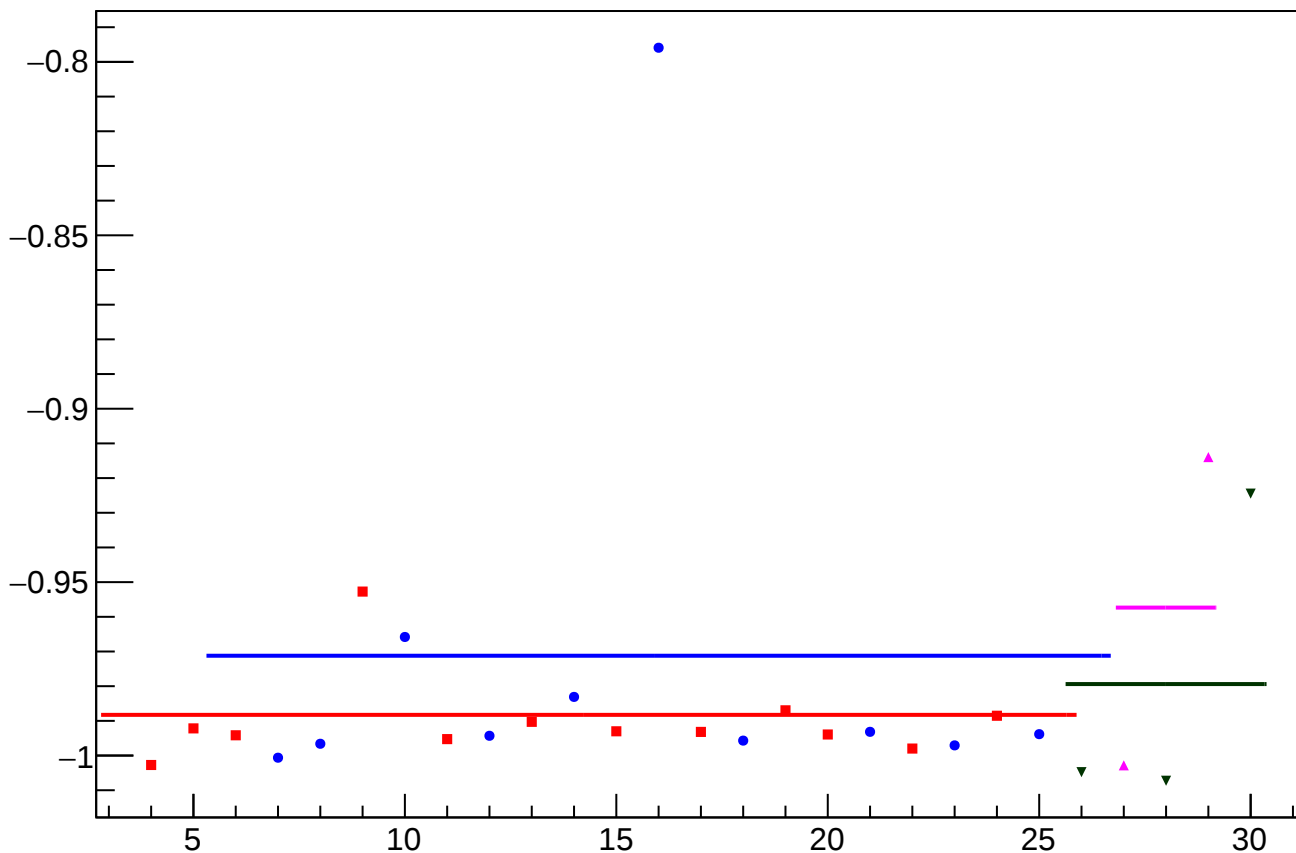
0.003+/-0.000 χ^2/NDF : 727211.2/12

Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

0.004+/-0.000 χ^2/NDF : 657818.9/13

Left In: 0.003+/-0.000 χ^2/NDF : 296055.3/1

yield_bpm0l10X_mean vs slug



Right In: -0.971 ± 0.000 χ^2/NDF : 89914110.4/9

Left Out: -0.979 ± 0.000 χ^2/NDF : 14169644.5/2

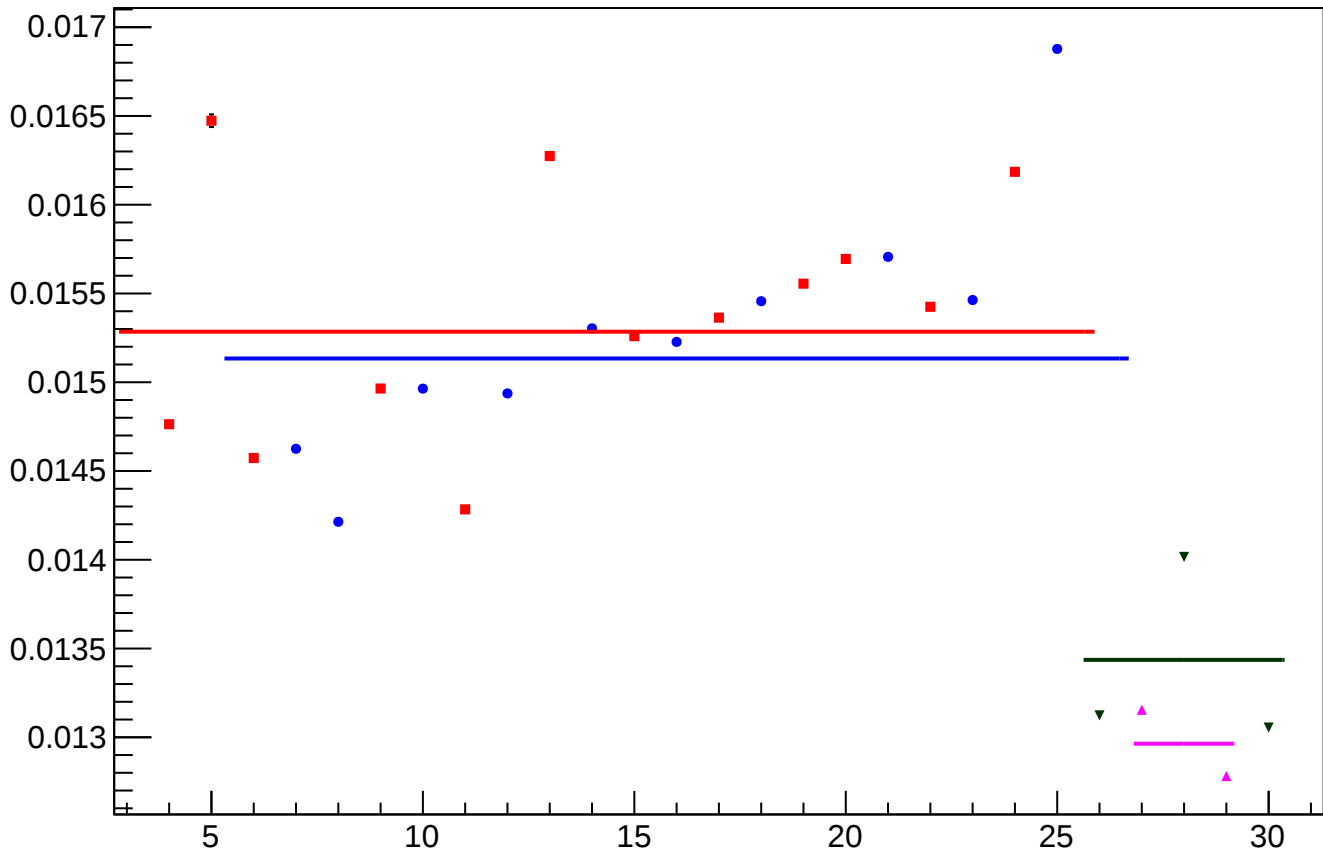
Right Out: -0.988 ± 0.000 χ^2/NDF : 5195068.8/11

Left In: -0.957 ± 0.000 χ^2/NDF : 19892848.1/1

-0.973 ± 0.000 χ^2/NDF : 104559505.4/12

-0.980 ± 0.000 χ^2/NDF : 32041769.5/13

yield_bpm0l10X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 16984.1/9

Left Out: 0.013+/-0.000 χ^2/NDF : 3908.8/2

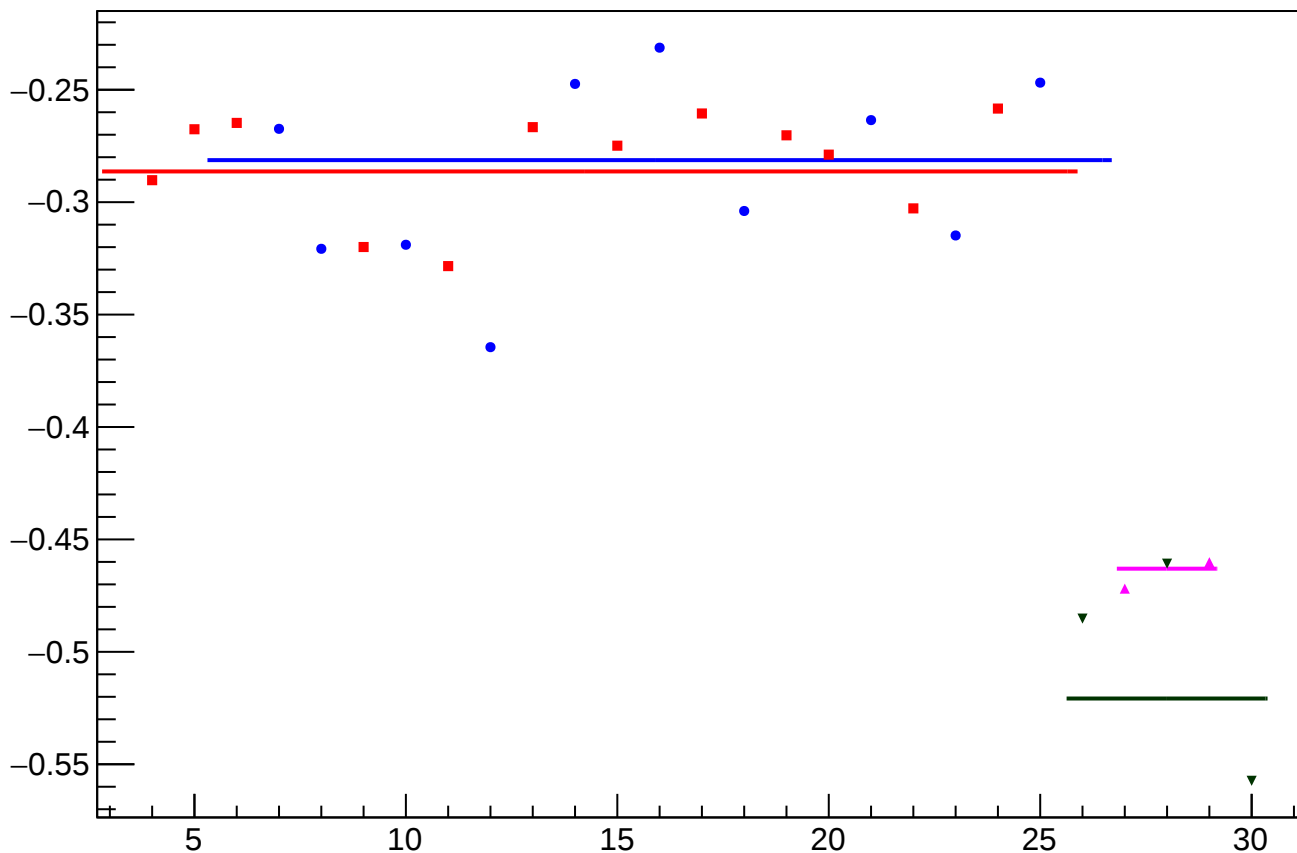
Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

Left In: 0.013+/-0.000 χ^2/NDF : 701.8/1

0.015+/-0.000 χ^2/NDF : 61990.4/12

0.015+/-0.000 χ^2/NDF : 101432.2/13

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.521+/-0.000 χ^2/NDF : 332573803.2/2

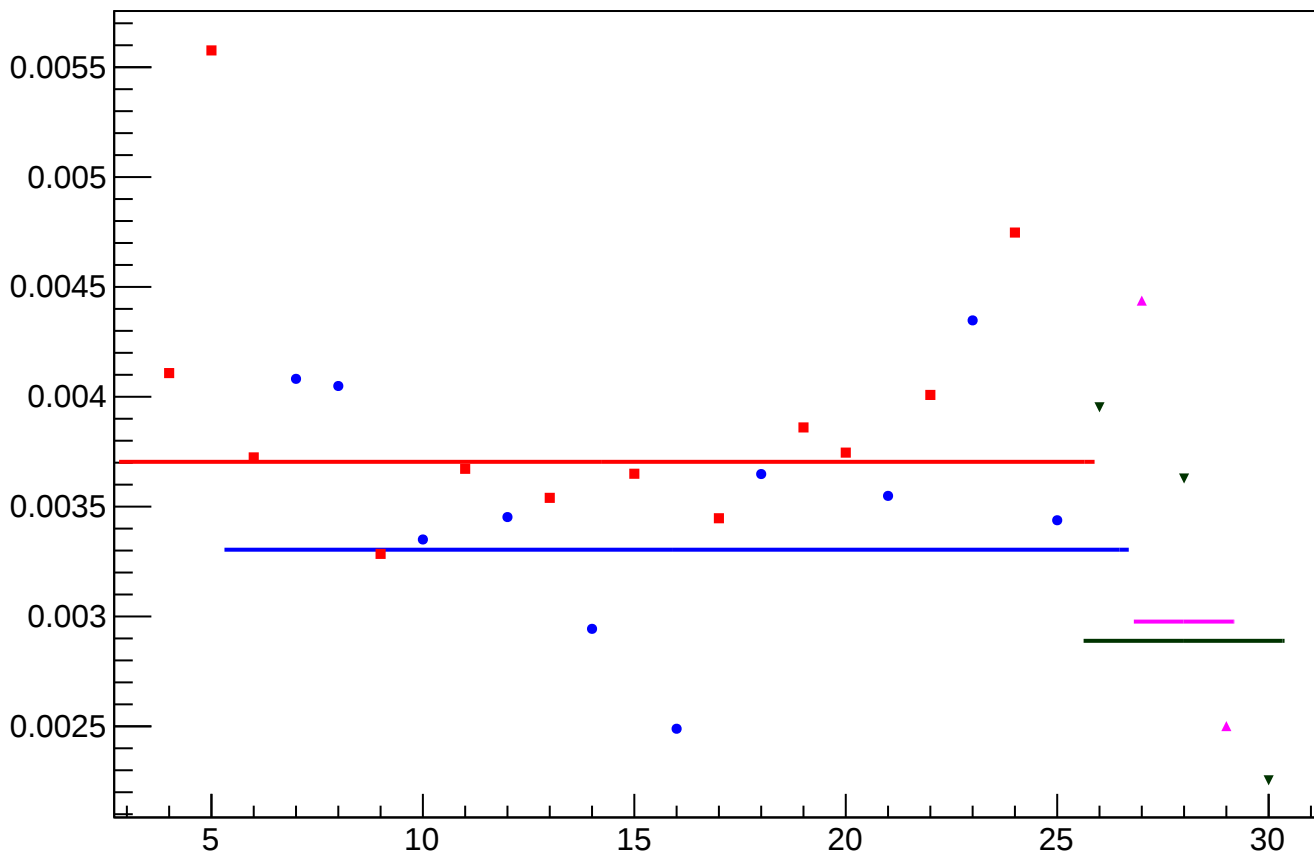
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.463+/-0.000 χ^2/NDF : 4269136.8/1

-0.340+/-0.000 χ^2/NDF : 8917249858.3/12

-0.336+/-0.000 χ^2/NDF : 4004891334.8/13

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 :197543.4/2

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF :231736.0/1

0.003+/-0.000 χ^2/NDF : 550892.0/12

0.003+/-0.000 χ^2/NDF : 477352.8/13