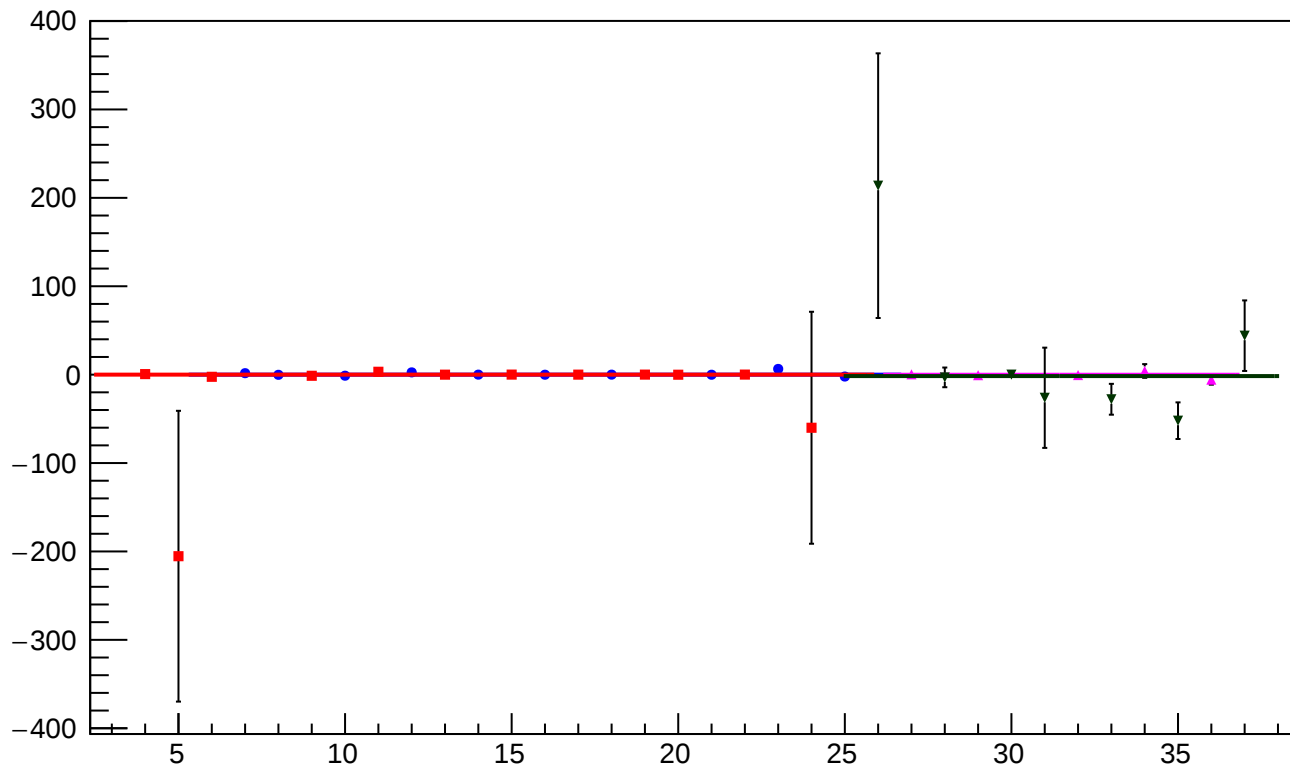


diff_cav4bX_mean vs slug



Right In: -0.014 $\pm$ 0.014

χ^2/NDF : 18.0/9

Left Out: -1.617 $\pm$ 2.815

χ^2/NDF : 12.1/6

Right Out: 0.017 $\pm$ 0.016

χ^2/NDF : 19.3/11

Left In: -0.114 $\pm$ 0.170

χ^2/NDF : 9.3/4

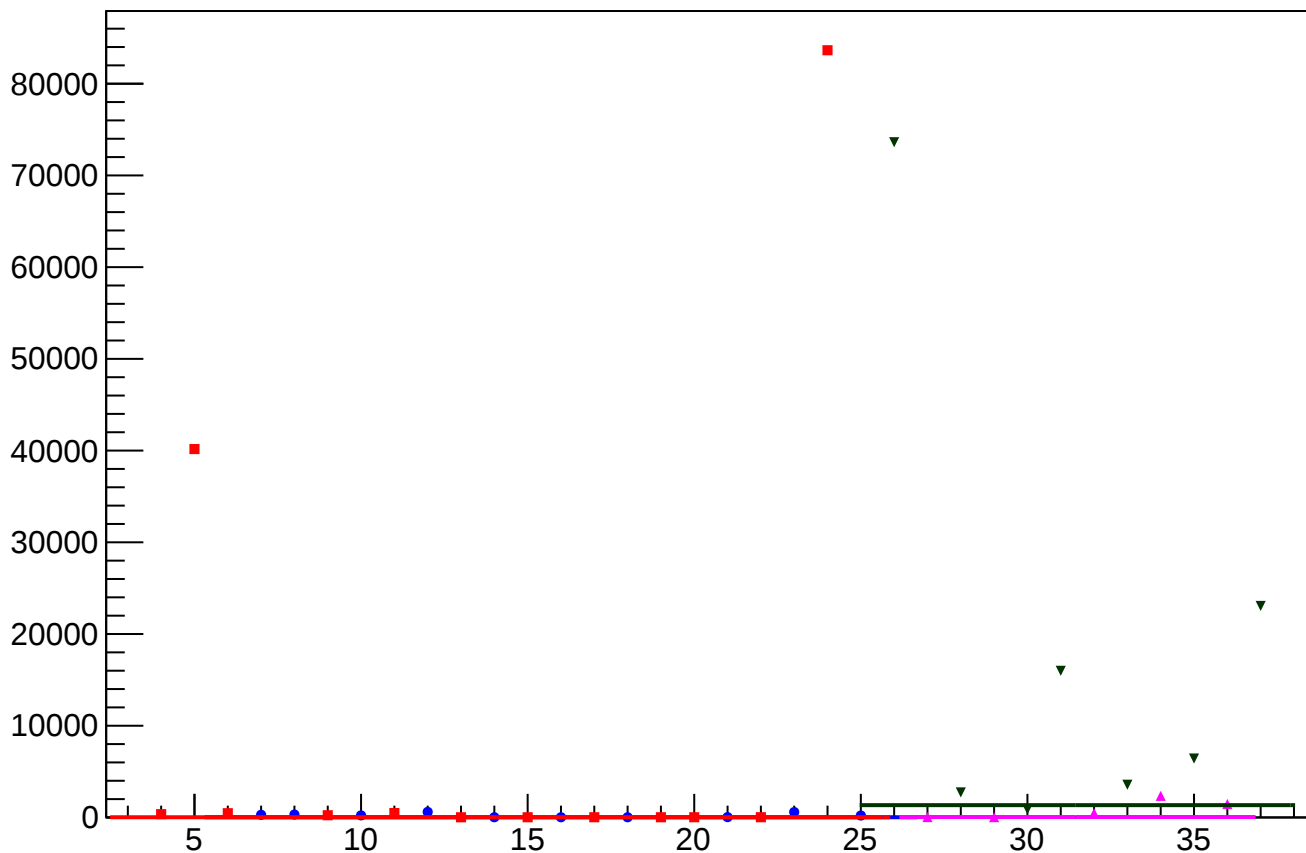
-0.014 $\pm$ 0.014

χ^2/NDF : 30.4/16

0.016 $\pm$ 0.016

χ^2/NDF : 29.2/16

diff_cav4bX_rms vs slug



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

Left Out: 1341.090+/-1.991 χ^2/NDF : 1424661.4/6

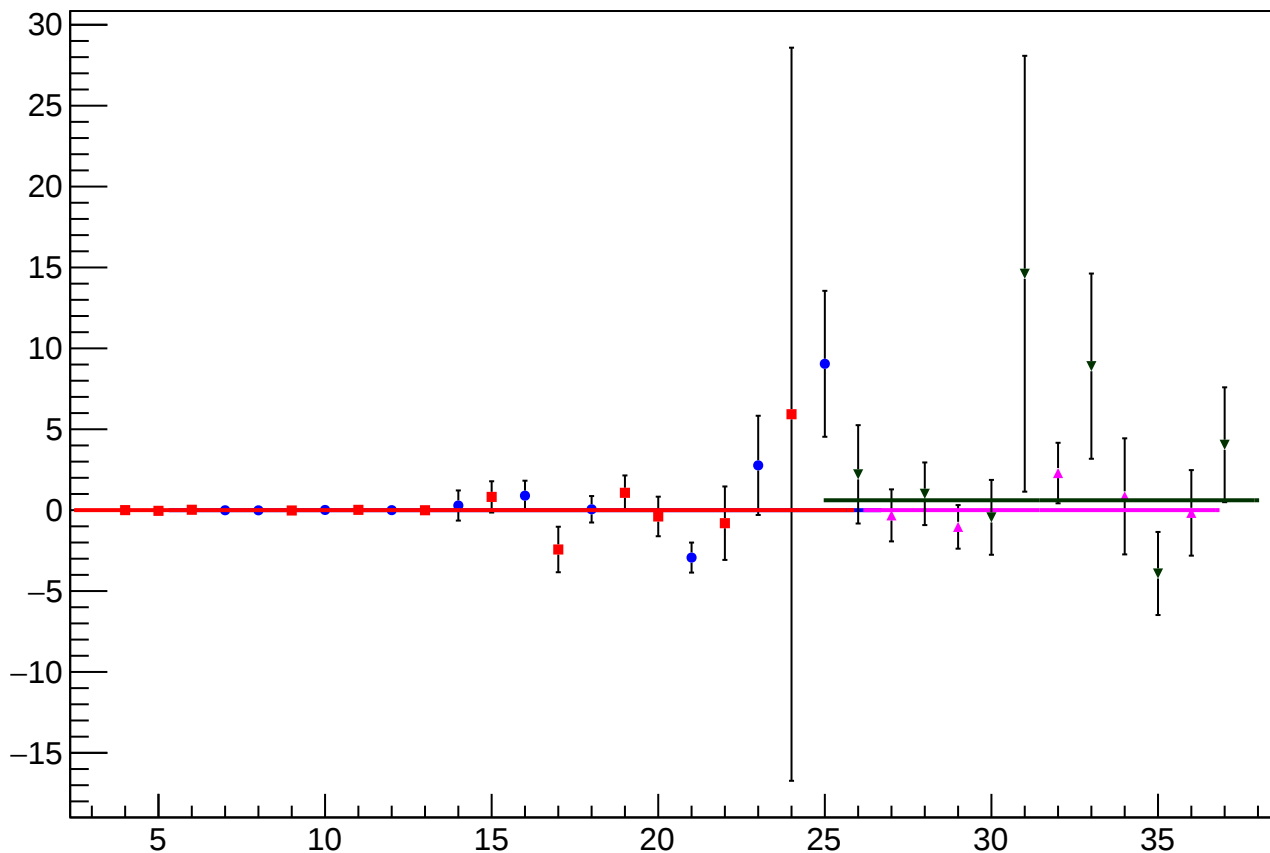
Right Out: 22.575+/-0.011 χ^2/NDF : 1409994.7/11

Left In: 48.325+/-0.120 χ^2/NDF : 545007.9/4

22.433+/-0.010 χ^2/NDF : 2633940.3/16

22.806+/-0.011 χ^2/NDF : 2000636.9/16

diff_cav4bY_mean vs slug



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

Left Out: 0.611 ± 1.098 $\chi^2/\text{NDF}: 7.7/6$

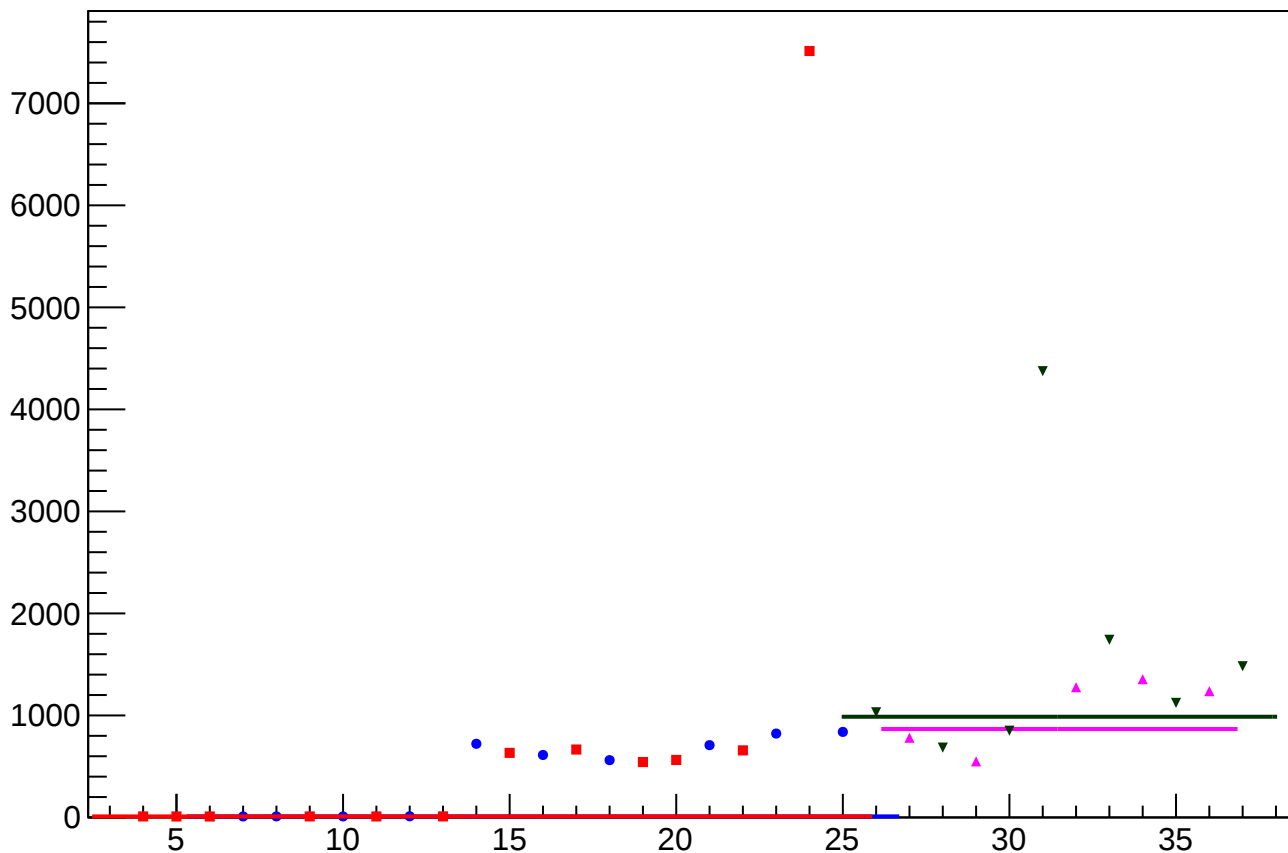
Right Out: 0.002 ± 0.005 $\chi^2/\text{NDF}: 17.0/11$

Left In: 0.002 ± 0.832 $\chi^2/\text{NDF}: 2.2/4$

-0.001 ± 0.006 $\chi^2/\text{NDF}: 26.2/16$

0.002 ± 0.005 $\chi^2/\text{NDF}: 19.2/16$

diff_cav4bY_rms vs slug



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

Left Out: 987.215+/-0.777 χ^2/NDF : 262009.0/6

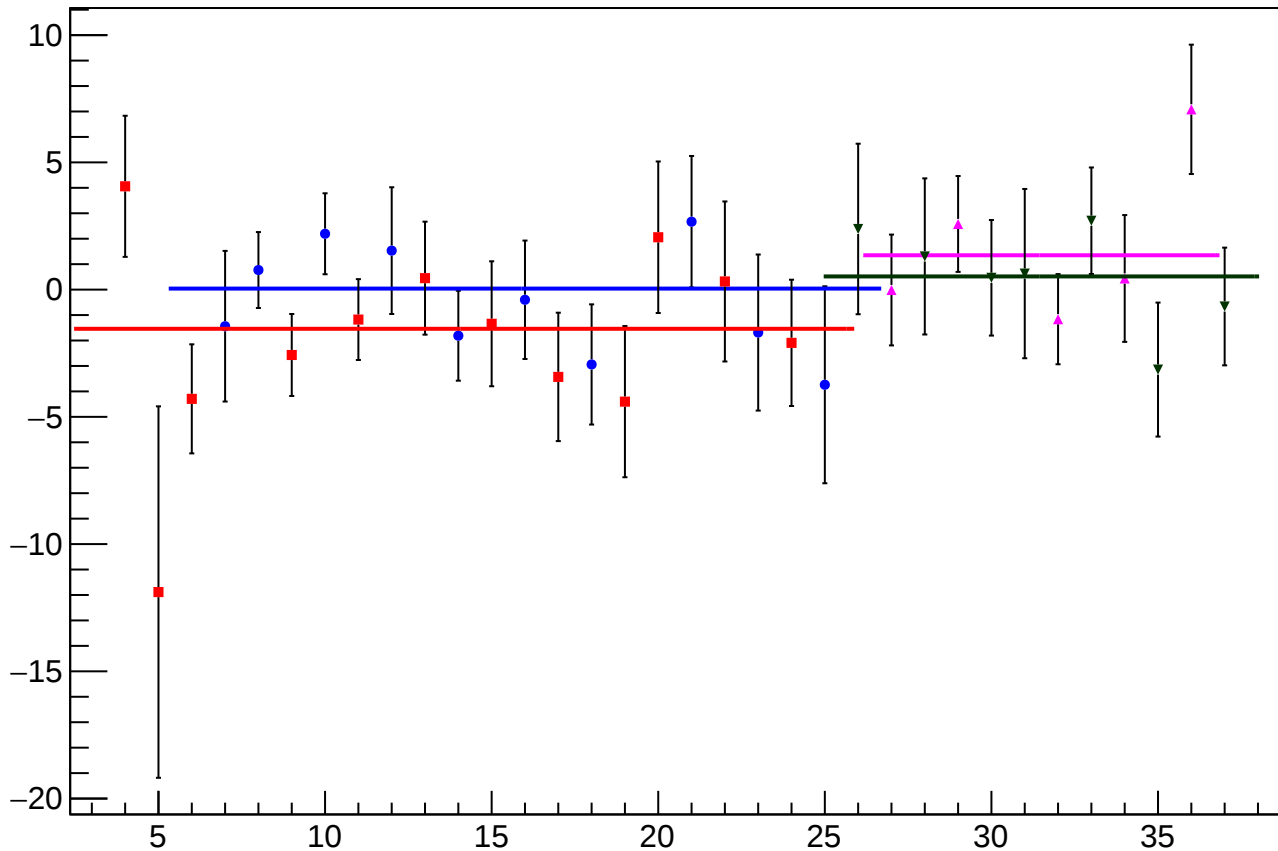
Right Out: 10.074+/-0.004 χ^2/NDF : 2563210.4/11

Left In: 867.066+/-0.588 χ^2/NDF : 289012.1/4

10.524+/-0.005 χ^2/NDF : 6121808.0/16

10.111+/-0.004 χ^2/NDF : 4974372.8/16

diff_cav4cX_mean vs slug



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

Left Out: 0.518 ± 0.981 χ^2/NDF : 3.7/6

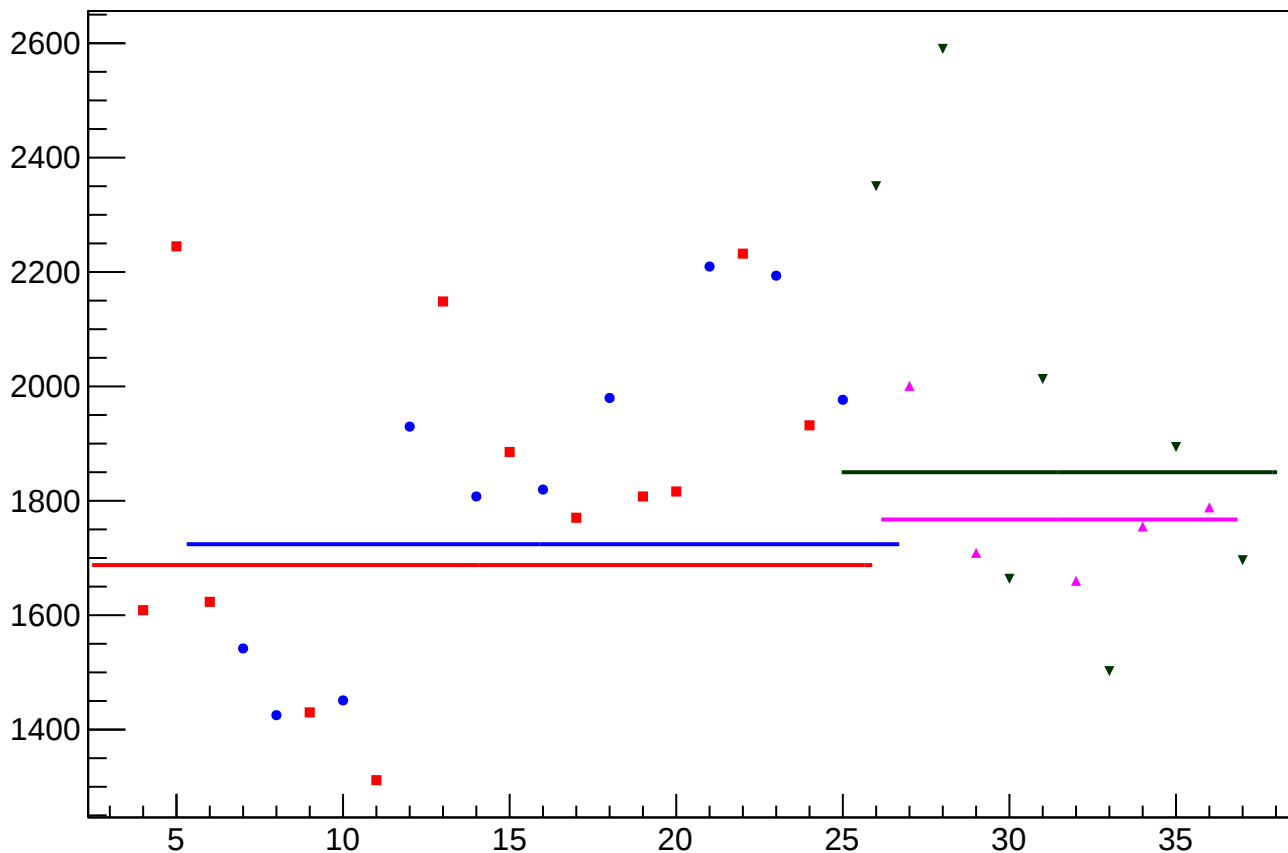
Right Out: -1.539 ± 0.680 χ^2/NDF : 12.4/11

Left In: 1.350 ± 0.942 χ^2/NDF : 8.1/4

0.197 ± 0.562 χ^2/NDF : 11.5/16

-0.550 ± 0.551 χ^2/NDF : 26.6/16

diff_cav4cX_rms vs slug



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

Left Out: 1849.965 $\pm$ 0.694 χ^2 /NDF:243888.9/6

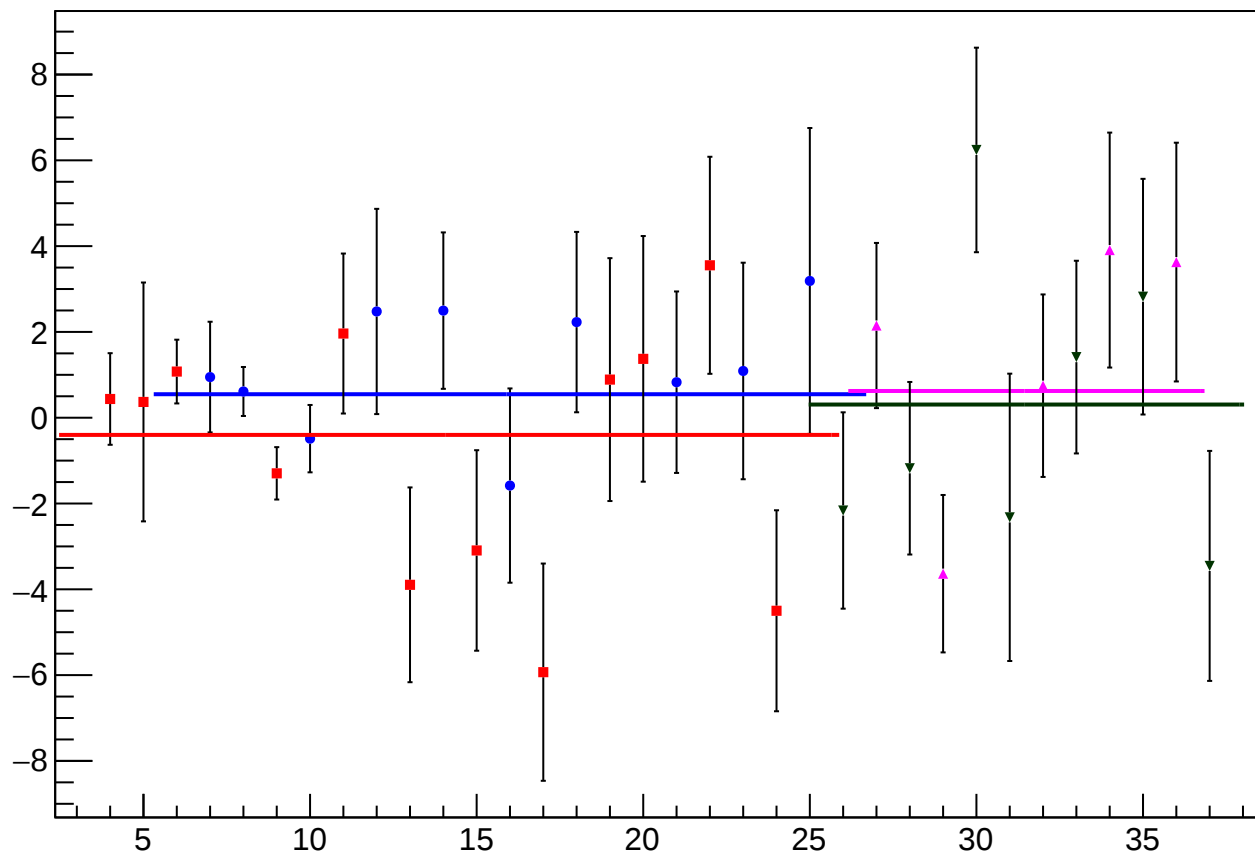
Right Out: 1687.646 $\pm$ 0.481 χ^2 /NDF: 366003.0/11

Left In: 1767.327 $\pm$ 0.666 χ^2 /NDF:32463.3/4

1765.418 $\pm$ 0.397 χ^2 /NDF: 583729.5/16

1714.936 $\pm$ 0.390 χ^2 /NDF: 407877.3/16

diff_cav4cY_mean vs slug



Right In: 0.548 ± 0.388 $\chi^2/\text{NDF}: 5.8/9$

Left Out: 0.307 ± 0.923 $\chi^2/\text{NDF}: 11.6/6$

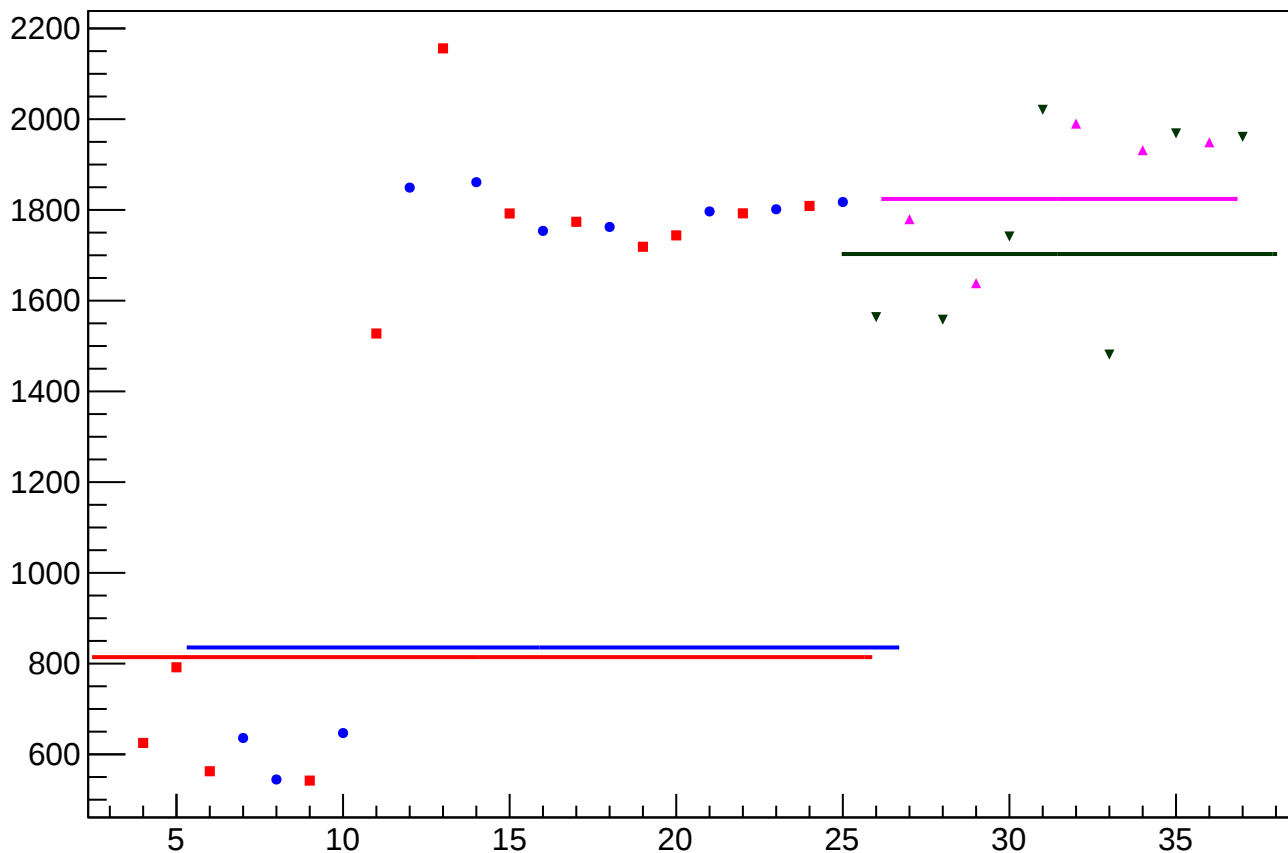
Right Out: -0.401 ± 0.381 $\chi^2/\text{NDF}: 23.0/11$

Left In: 0.623 ± 0.976 $\chi^2/\text{NDF}: 8.6/4$

0.512 ± 0.358 $\chi^2/\text{NDF}: 17.4/16$

-0.266 ± 0.355 $\chi^2/\text{NDF}: 32.5/16$

diff_cav4cY_rms vs slug



Right In: 835.566 $\pm$ 0.274 χ^2 /NDF: 3249765.2/9

Left Out: 1702.789 $\pm$ 0.653 χ^2 /NDF:93090.6/6

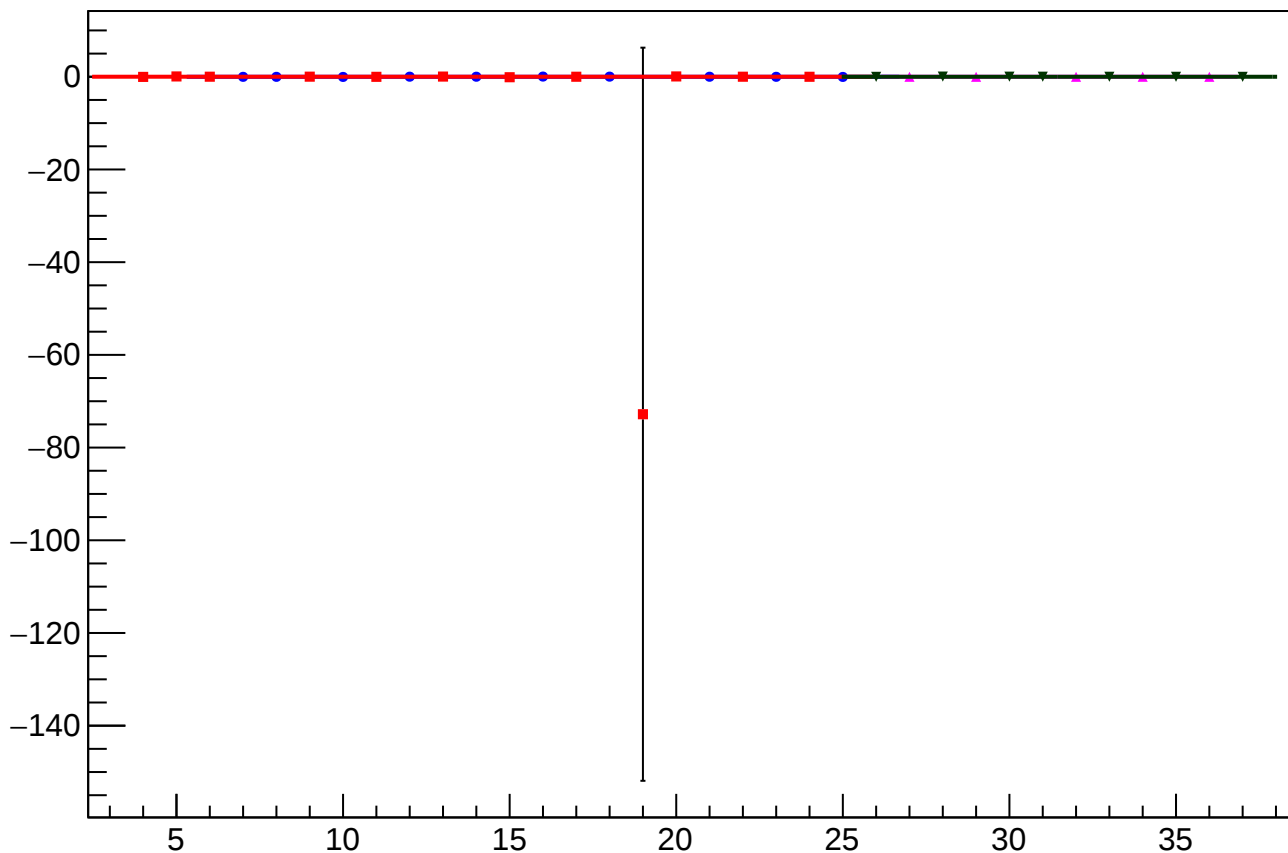
965.695 $\pm$ 0.253 χ^2 /NDF: 4842720.1/16

Right Out: 814.291 $\pm$ 0.269 χ^2 /NDF: 3392438.7/11

947.612 $\pm$ 0.251 χ^2 /NDF: 5292814.9/16

Left In: 1824.206 $\pm$ 0.690 χ^2 /NDF:40844.7/4

diff_cav4dX_mean vs slug



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

Left Out: 0.003 $\pm$ 0.005 χ^2 /NDF: 8.2/6

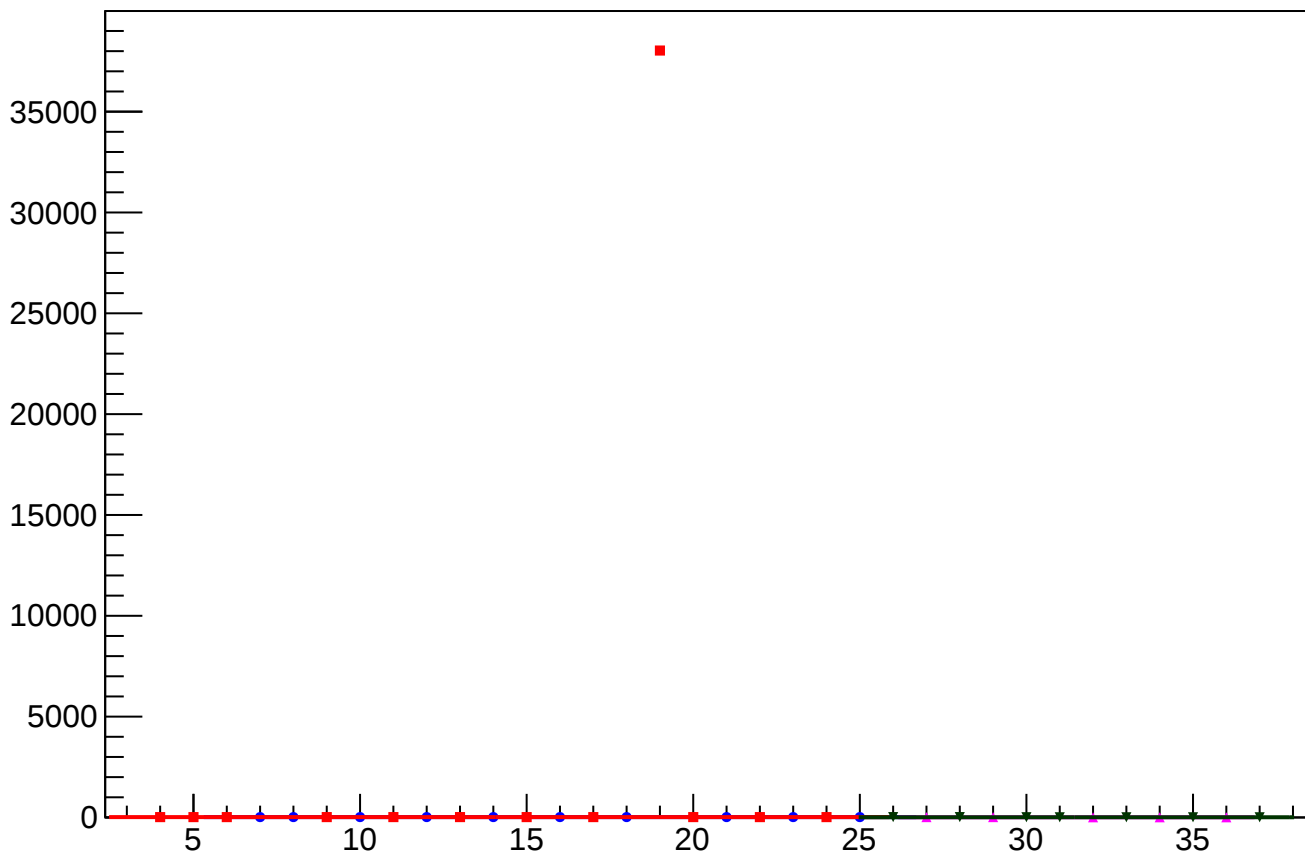
Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 11.3/11

Left In: -0.000 $\pm$ 0.006 χ^2 /NDF: 0.2/4

0.000 $\pm$ 0.005 χ^2 /NDF: 14.9/16

0.004 $\pm$ 0.005 χ^2 /NDF: 12.9/16

diff_cav4dX_rms vs slug



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

Left Out: 9.888 $\pm$ 0.004 χ^2 /NDF: 543242.9/6

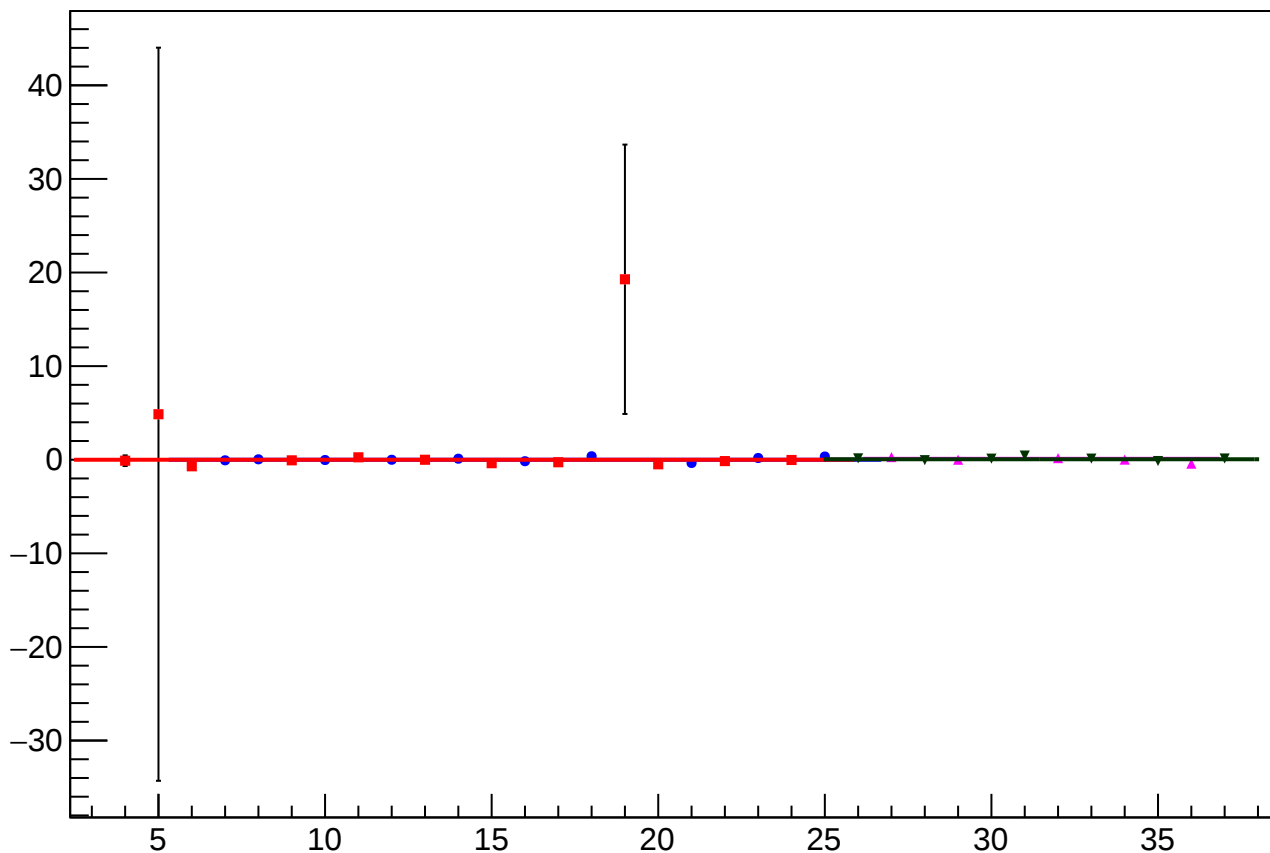
Right Out: 17.562 $\pm$ 0.006 χ^2 /NDF: 466099.2/11

Left In: 10.117 $\pm$ 0.004 χ^2 /NDF: 680845.9/4

12.373 $\pm$ 0.003 χ^2 /NDF: 1809689.8/16

12.628 $\pm$ 0.003 χ^2 /NDF: 2301278.8/16

diff_cav4dY_mean vs slug



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

Left Out: 0.050 ± 0.068 χ^2/NDF : 3.4/6

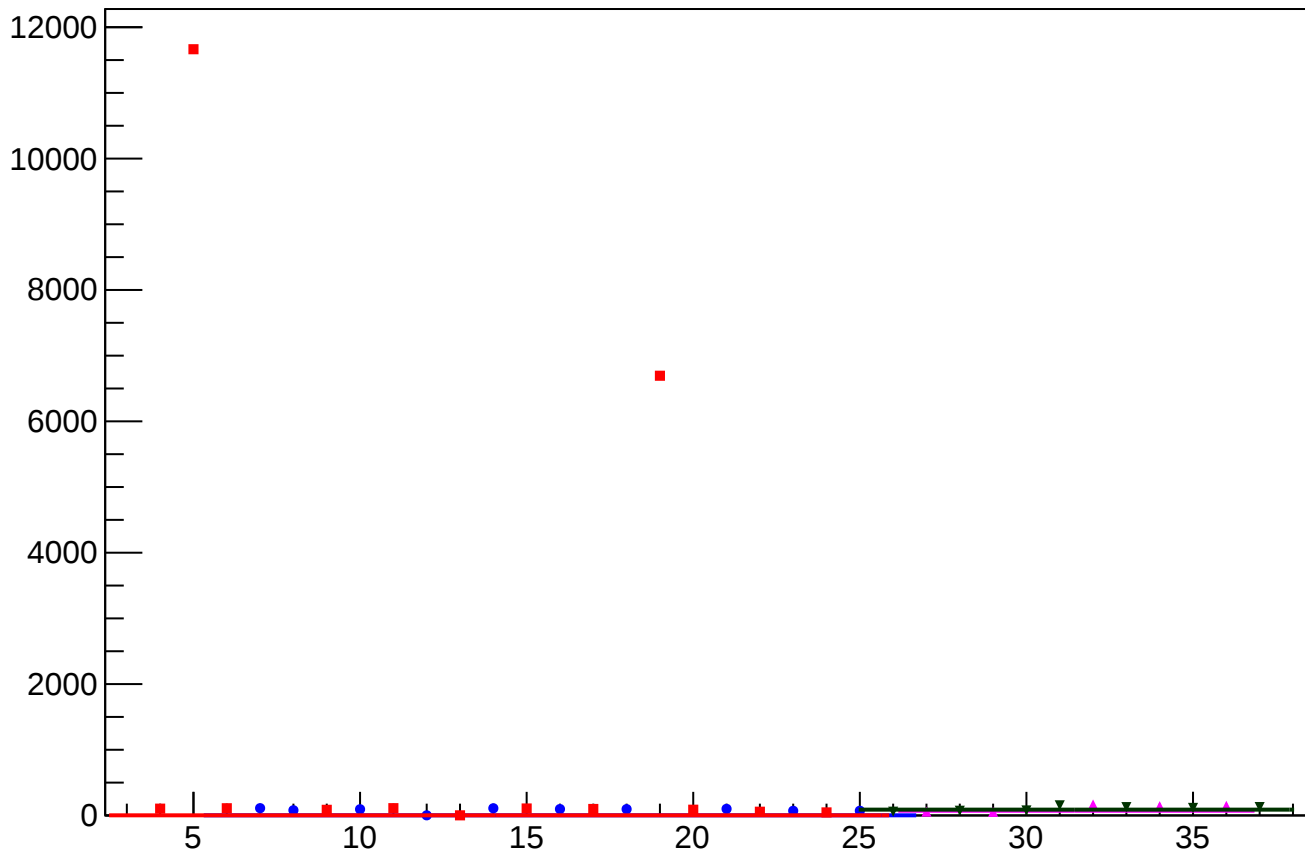
Right Out: -0.003 ± 0.003 χ^2/NDF : 12.3/11

Left In: 0.097 ± 0.061 χ^2/NDF : 7.3/4

-0.003 ± 0.003 χ^2/NDF : 19.1/16

-0.002 ± 0.003 χ^2/NDF : 22.1/16

diff_cav4dY_rms vs slug



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

Left Out: 88.551+/-0.048 χ^2/NDF :332237.7/6

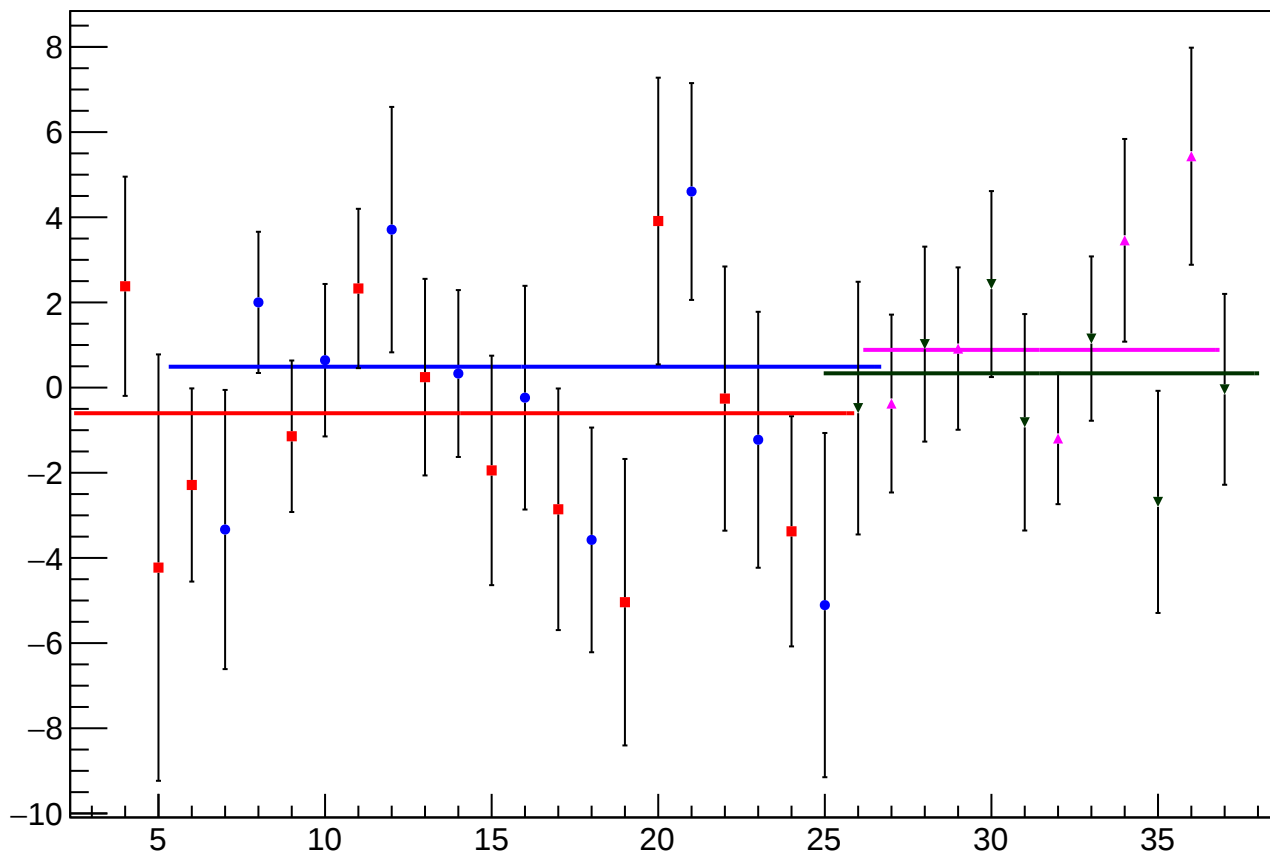
Right Out: 2.056+/-0.002 χ^2/NDF : 4218182.0/11

Left In: 71.385+/-0.043 χ^2/NDF :656697.3/4

2.310 $\pm$ 0.002 χ^2 /NDF: 9382083.0/16

2.224 $\pm$ 0.002 χ^2 /NDF: 7434443.7/16

diff_bpm4aX_mean vs slug



Right In: 0.490 $\pm$ 0.753 χ^2/NDF : 10.8/9

Left Out: 0.335 $\pm$ 0.883 χ^2/NDF : 2.8/6

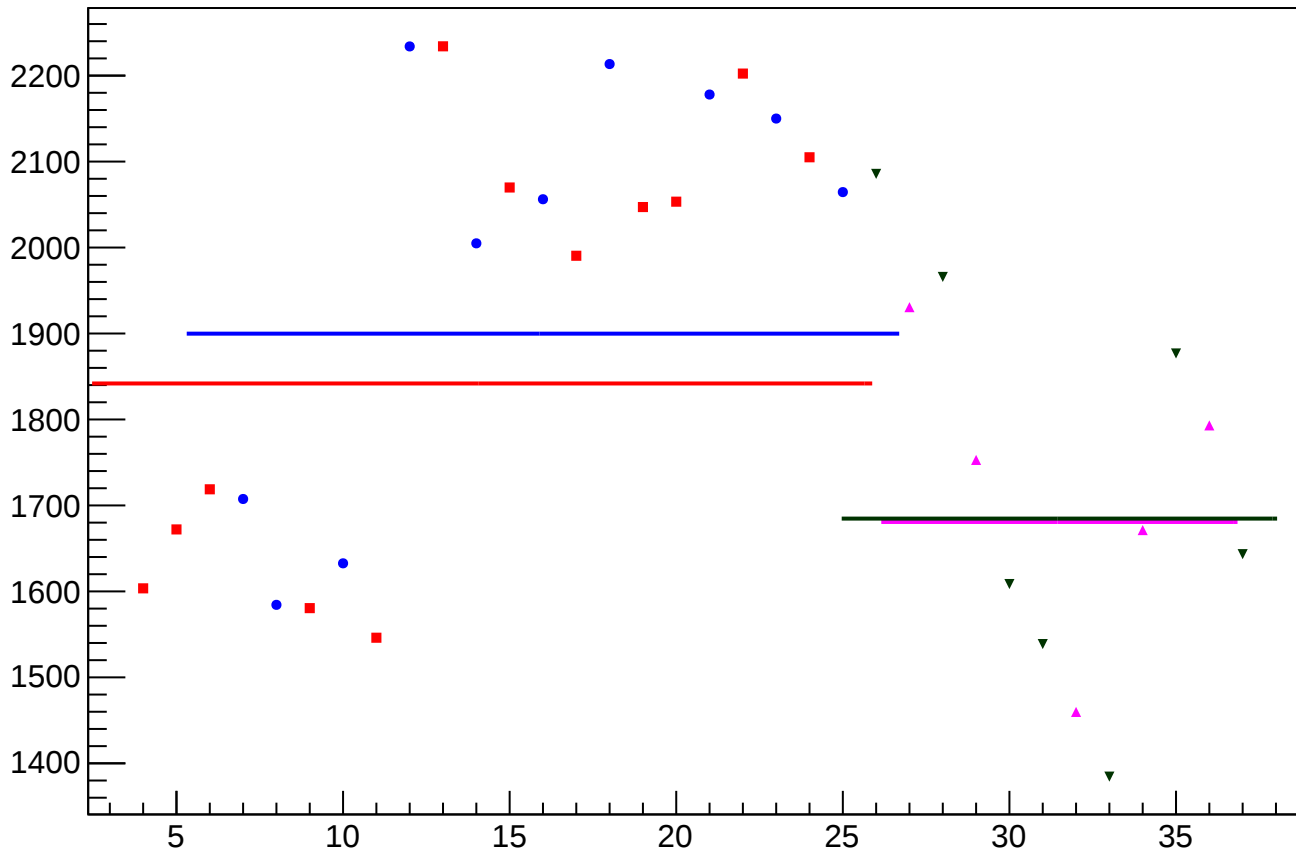
Right Out: -0.602 $\pm$ 0.734 χ^2/NDF : 10.6/11

Left In: 0.886 $\pm$ 0.893 χ^2/NDF : 6.5/4

0.425 $\pm$ 0.573 χ^2/NDF : 13.6/16

-0.002 $\pm$ 0.567 χ^2/NDF : 18.8/16

diff_bpm4aX_rms vs slug



Right In: 1899.826 $\pm$ 0.532 χ^2 /NDF: 232868.5/9

Left Out: 1684.692 $\pm$ 0.624 χ^2 /NDF:135646.2/6

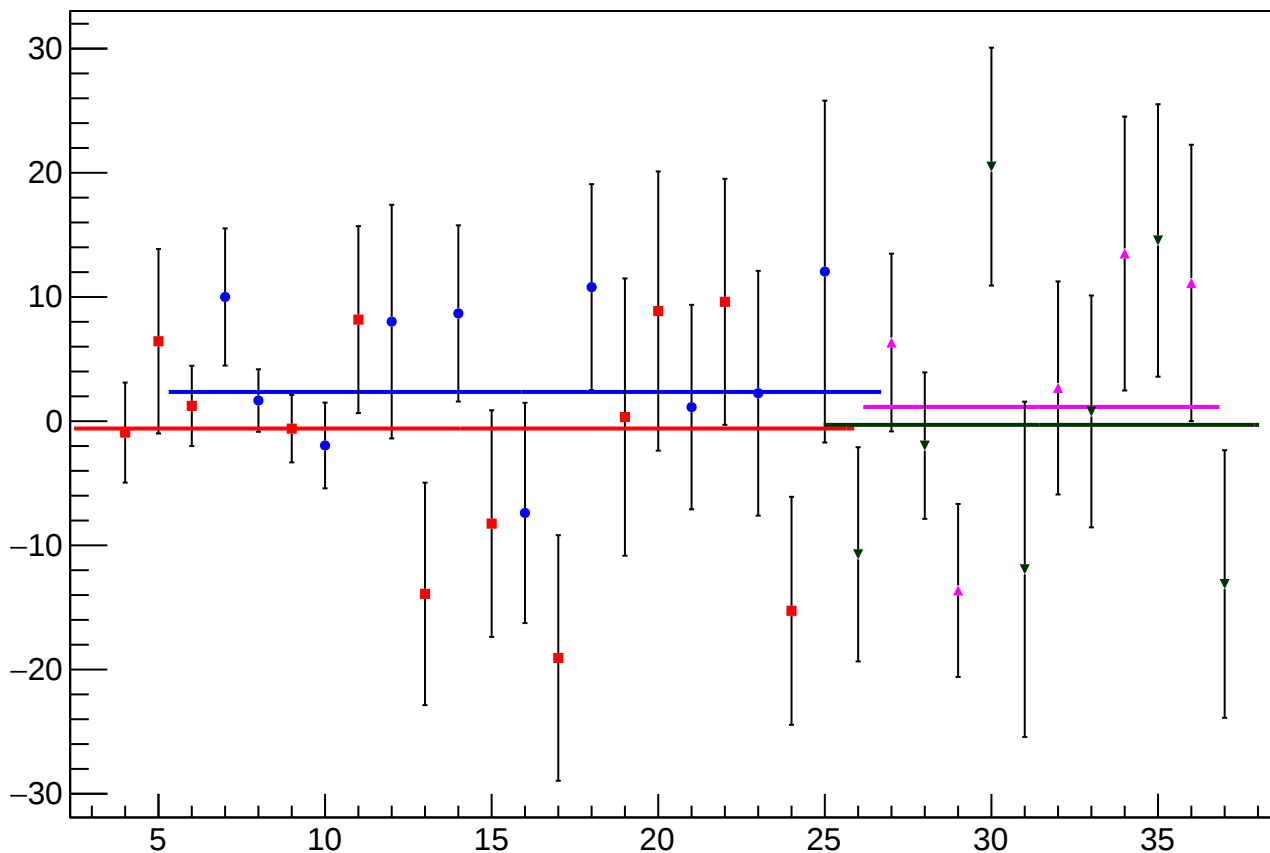
Right Out: 1841.876 $\pm$ 0.519 χ^2 /NDF: 257357.6/11

Left In: 1680.761 $\pm$ 0.631 χ^2 /NDF:76409.7/4

1809.225 $\pm$ 0.405 χ^2 /NDF: 437297.3/16

1776.854 $\pm$ 0.401 χ^2 /NDF: 372616.0/16

diff_bpm4aY_mean vs slug



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

Left Out: -0.297 ± 3.390 χ^2/NDF : 10.3/6

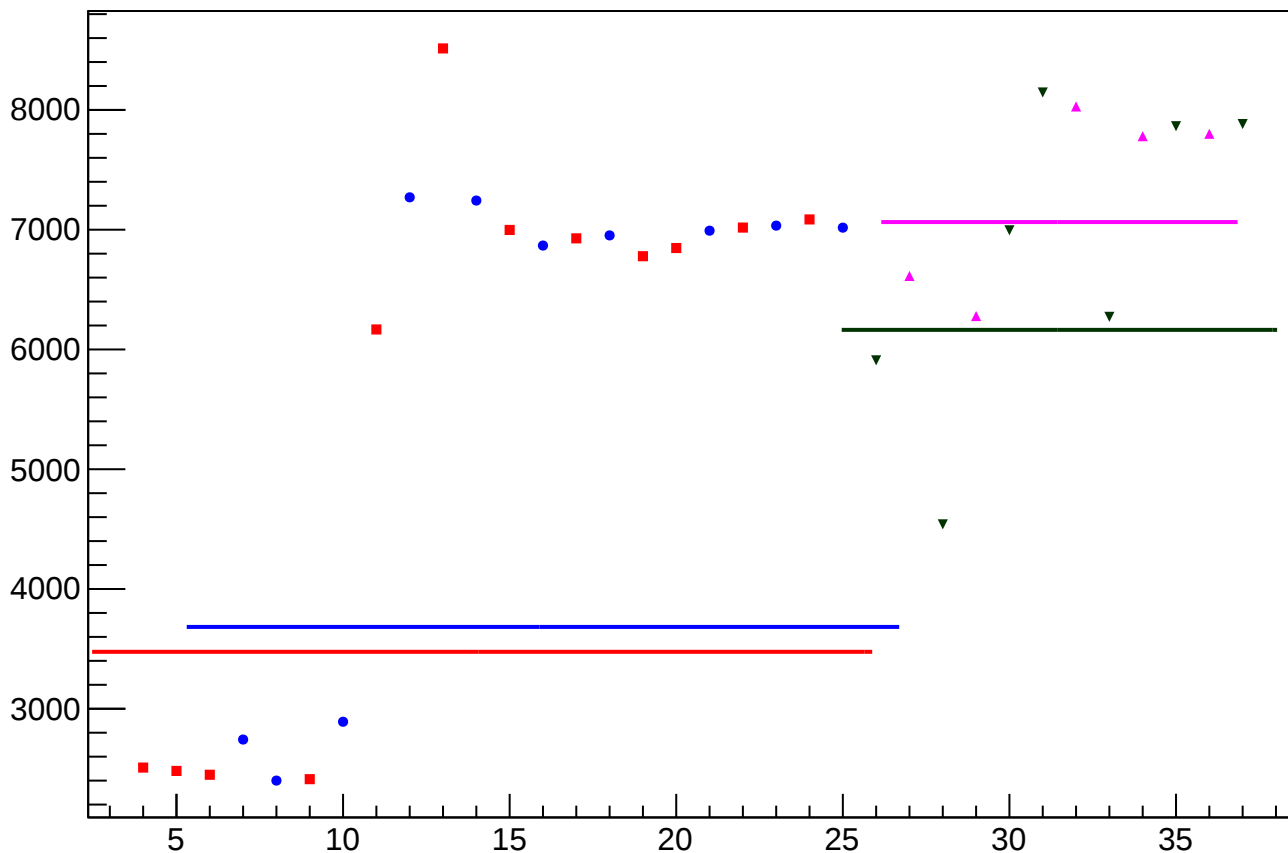
Right Out: -0.592 ± 1.578 χ^2/NDF : 13.3/11

Left In: 1.141 ± 3.779 χ^2/NDF : 7.1/4

1.842 ± 1.490 χ^2/NDF : 18.2/16

-0.335 ± 1.456 χ^2/NDF : 20.6/16

diff_bpm4aY_rms vs slug



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

Left Out: 6163.660+/-2.397 χ^2/NDF : 310823.3/6

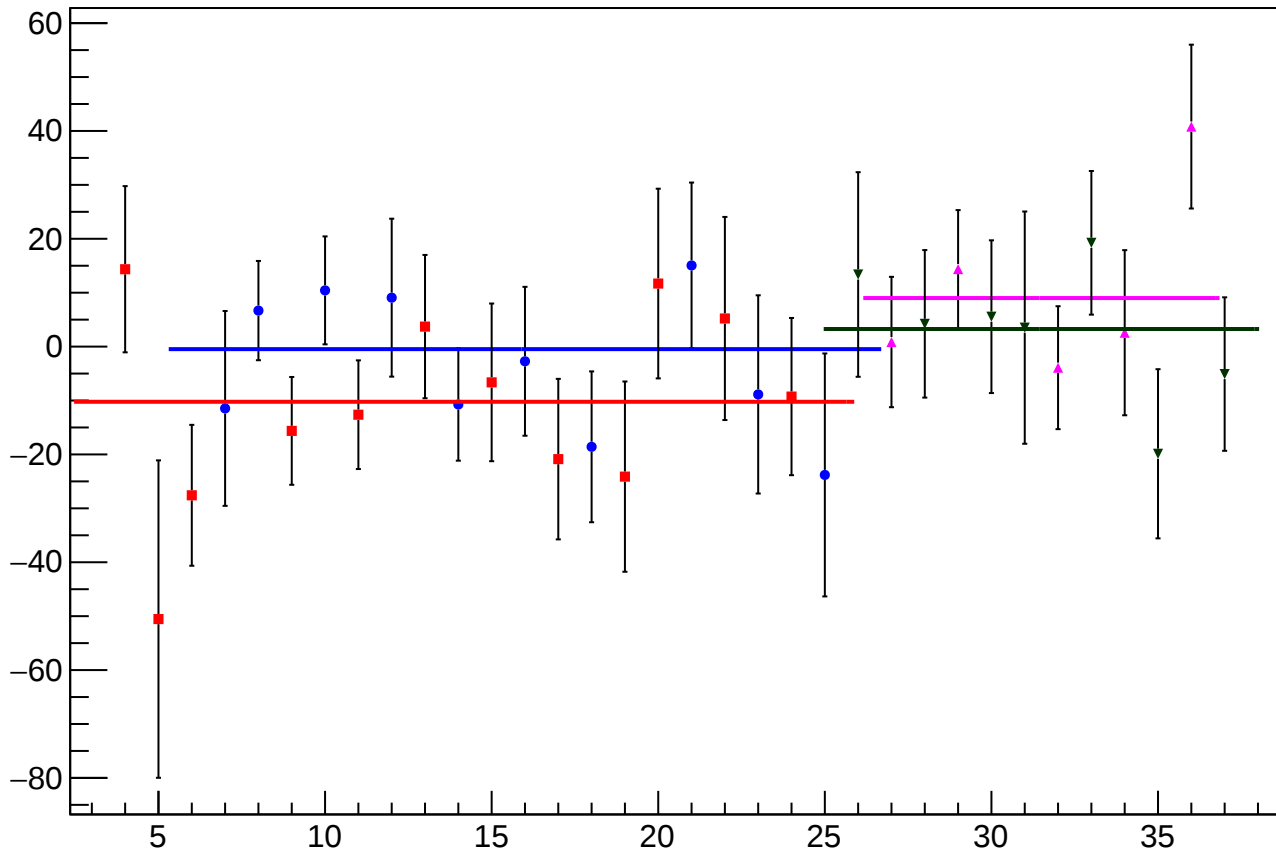
4162.155+/-1.053 χ^2/NDF : 3893141.9/16

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

4008.501+/-1.030 χ^2/NDF : 4621607.5/16

Left In: 7063.739+/-2.672 χ^2/NDF : 75844.0/4

diff_bpm4eX_mean vs slug



Right In: -0.470 ± 4.145 $\chi^2/\text{NDF}: 7.6/9$

Left Out: 3.263 ± 5.784 $\chi^2/\text{NDF}: 4.3/6$

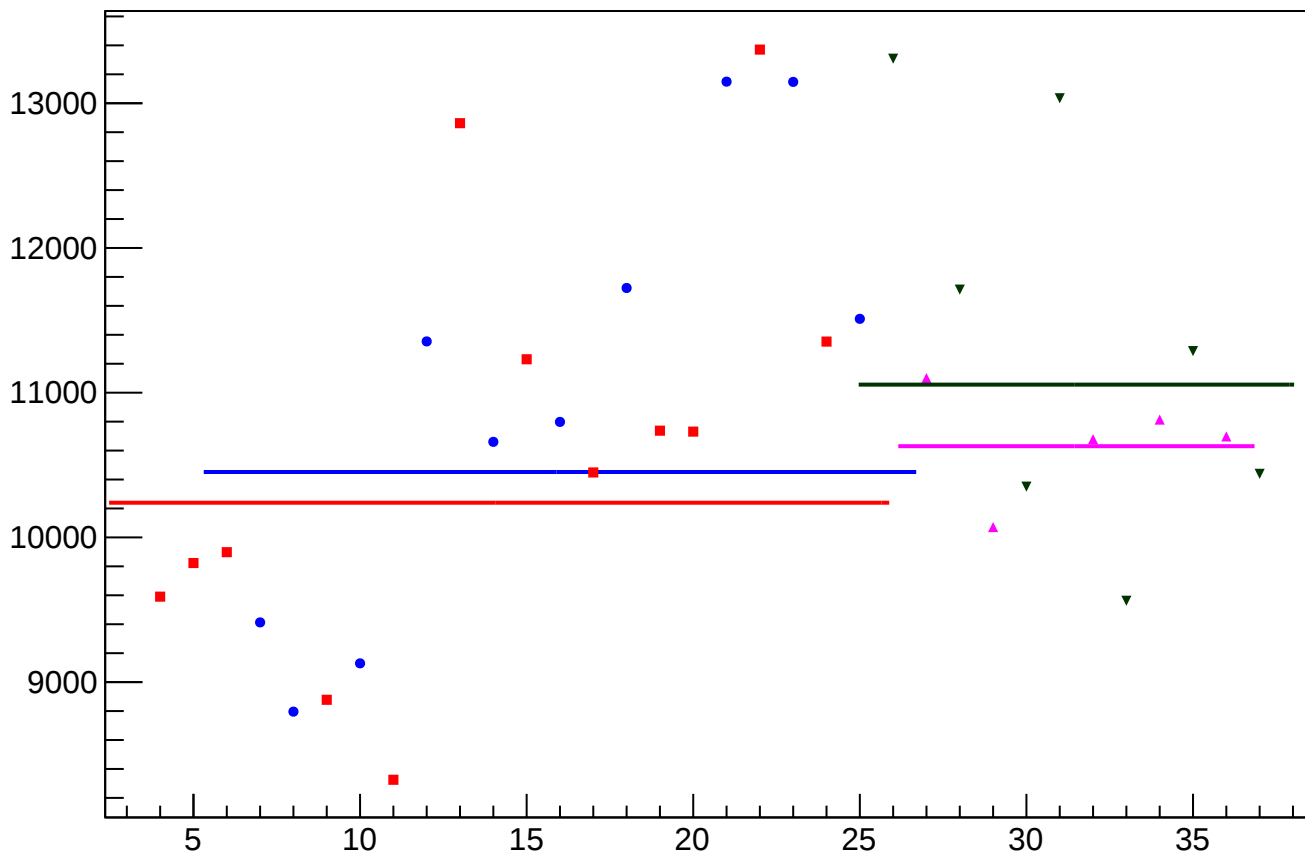
0.796 ± 3.369 $\chi^2/\text{NDF}: 12.1/16$

Right Out: -10.234 ± 4.087 $\chi^2/\text{NDF}: 11.1/11$

-3.603 ± 3.309 $\chi^2/\text{NDF}: 25.2/16$

Left In: 9.007 ± 5.636 $\chi^2/\text{NDF}: 6.5/4$

diff_bpm4eX_rms vs slug



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

Left Out: 11055.719+/-4.090 χ^2/NDF : 83933.5/6

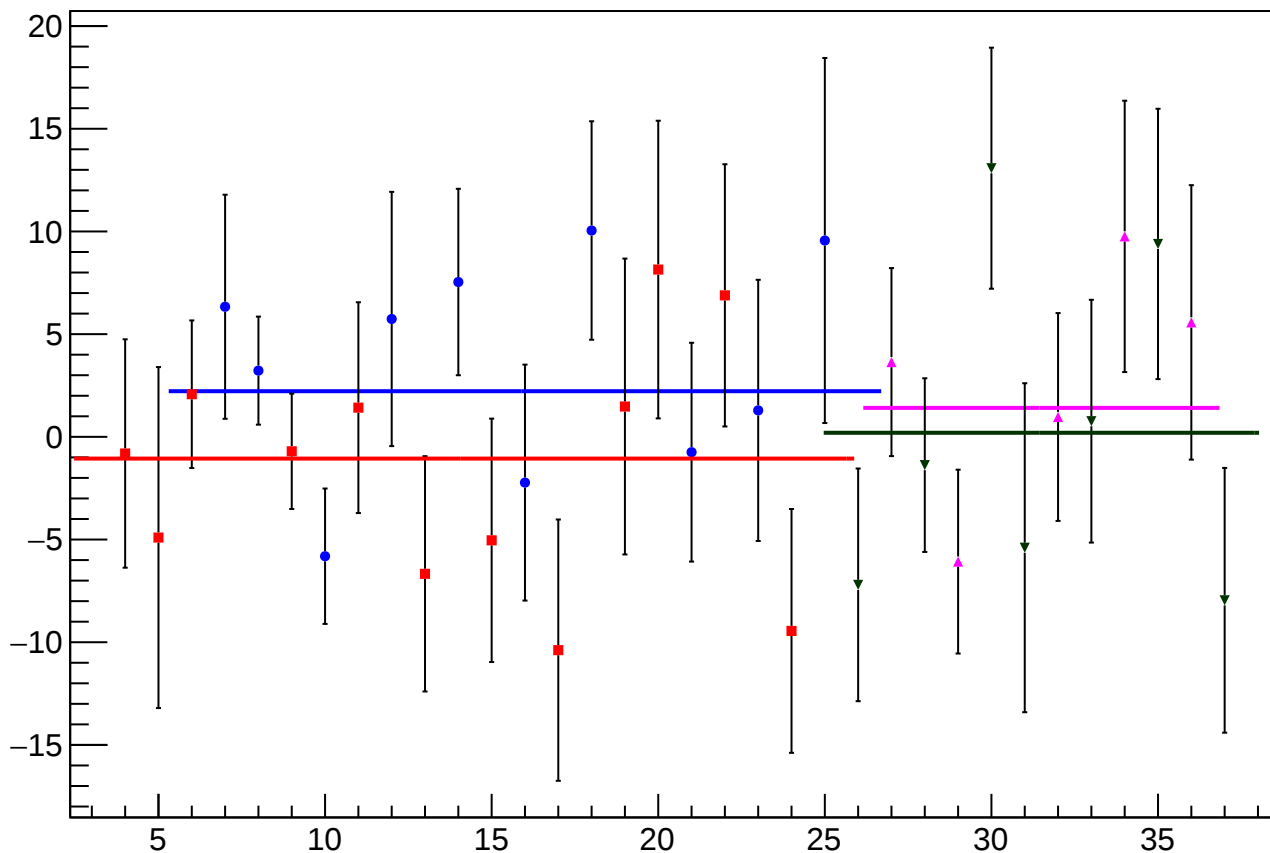
Right Out: 10239.715+/-2.890 χ^2/NDF : 272072.6/11

Left In: 10630.288+/-3.985 χ^2/NDF : 8608.1/4

10656.773+/-2.382 χ^2/NDF : 339695.0/16

10374.310+/-2.340 χ^2/NDF : 286975.3/16

diff_bpm4eY_mean vs slug



Right In: 2.222 ± 1.439 $\chi^2/\text{NDF}: 12.1/9$

Left Out: 0.198 ± 2.195 $\chi^2/\text{NDF}: 10.7/6$

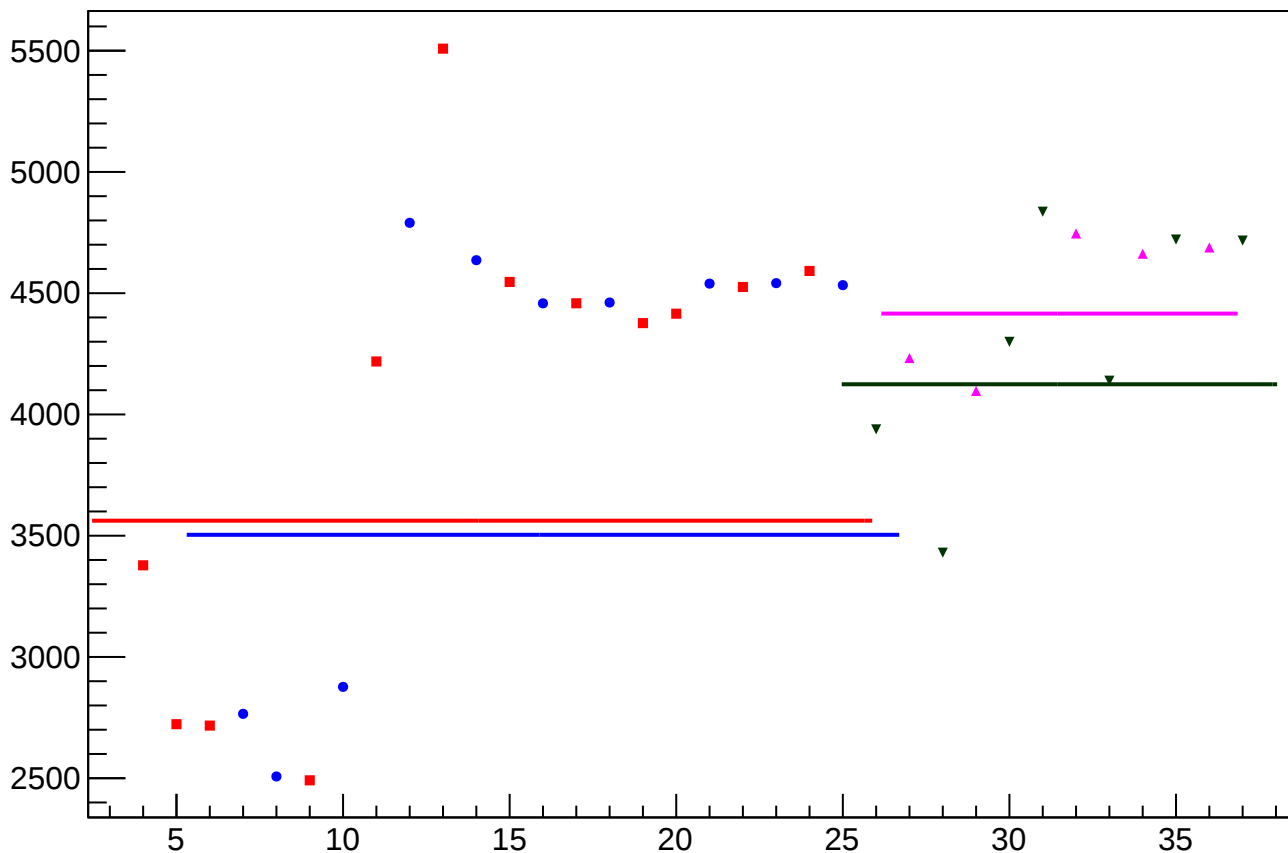
Right Out: -1.058 ± 1.468 $\chi^2/\text{NDF}: 10.1/11$

Left In: 1.410 ± 2.344 $\chi^2/\text{NDF}: 5.0/4$

1.614 ± 1.203 $\chi^2/\text{NDF}: 23.4/16$

-0.363 ± 1.244 $\chi^2/\text{NDF}: 15.9/16$

diff_bpm4eY_rms vs slug



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

Left Out: 4124.489+/-1.552 χ^2/NDF :107042.5/6

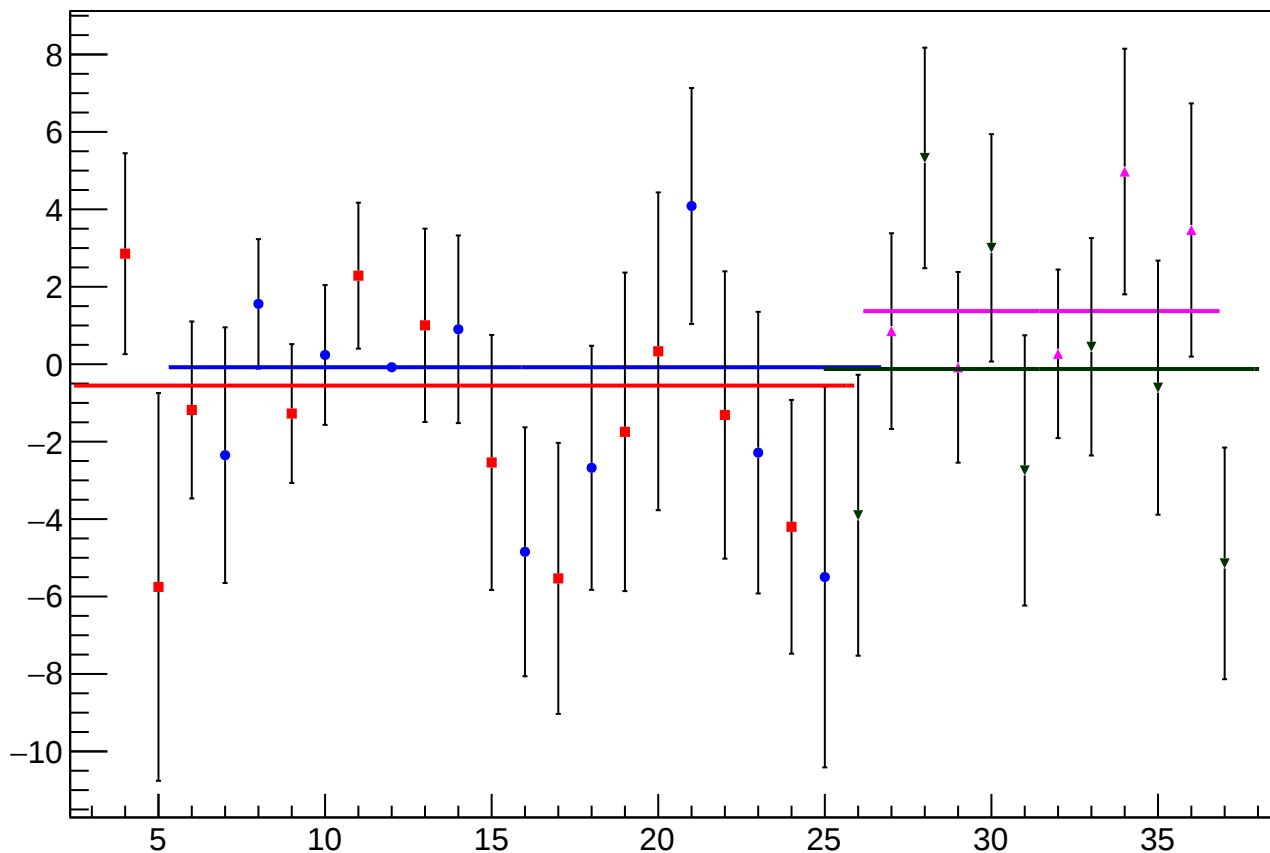
Right Out: 3561.943+/-1.038 χ^2/NDF : 941598.3/11

Left In: 4415.929+/-1.657 χ^2/NDF :28018.0/4

3690.271+/-0.851 χ^2/NDF : 1101765.7/16

3802.573+/-0.880 χ^2/NDF : 1160313.3/16

diff_bpm4acX_mean vs slug



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

Left Out: -0.124 ± 1.171 χ^2/NDF : 9.3/6

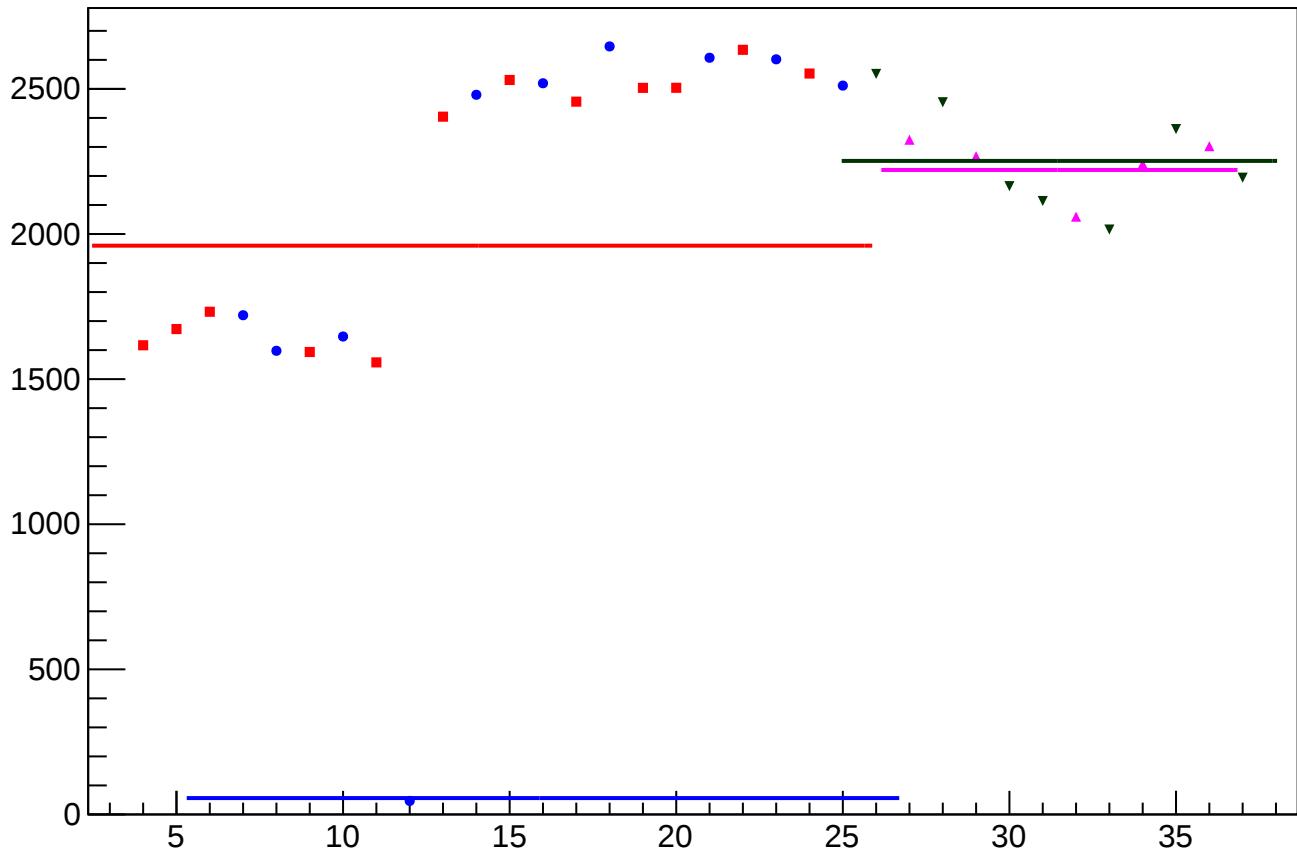
Right Out: -0.552 ± 0.793 χ^2/NDF : 9.5/11

Left In: 1.373 ± 1.174 χ^2/NDF : 2.3/4

-0.078 ± 0.060 χ^2/NDF : 17.3/16

0.051 ± 0.657 χ^2/NDF : 13.7/16

diff_bpm4acX_rms vs slug



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

Left Out: 2251.887+/-0.828 χ^2/NDF : 45791.2/6

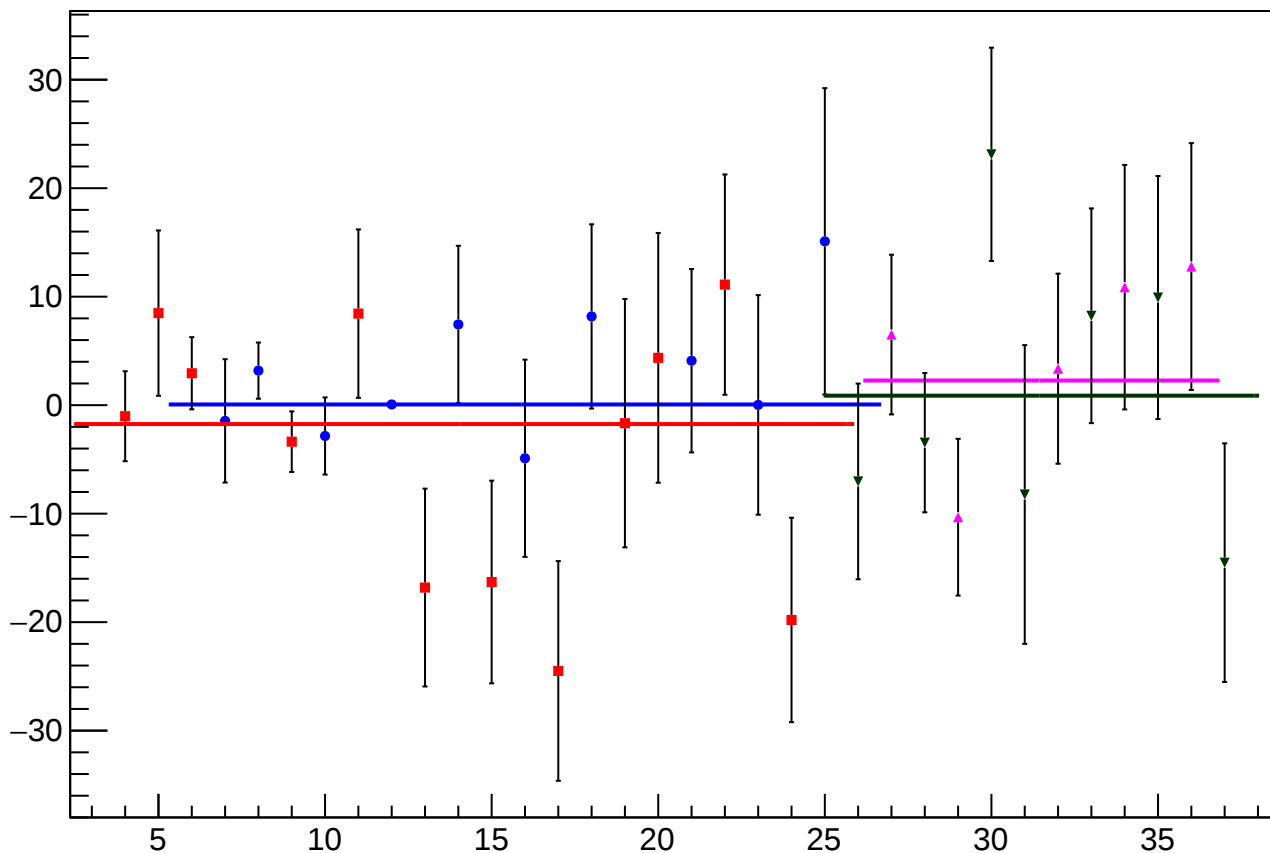
Right Out: 1959.862+/-0.561 χ^2/NDF : 601394.1/11

Left In: 2220.642+/-0.830 χ^2/NDF : 16412.4/4

62.205+/-0.042 χ^2/NDF : 18266087.6/16

2041.539+/-0.465 χ^2/NDF : 685567.2/16

diff_bpm4acY_mean vs slug



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

Left Out: 0.875 ± 3.566 $\chi^2/\text{NDF}: 10.0/6$

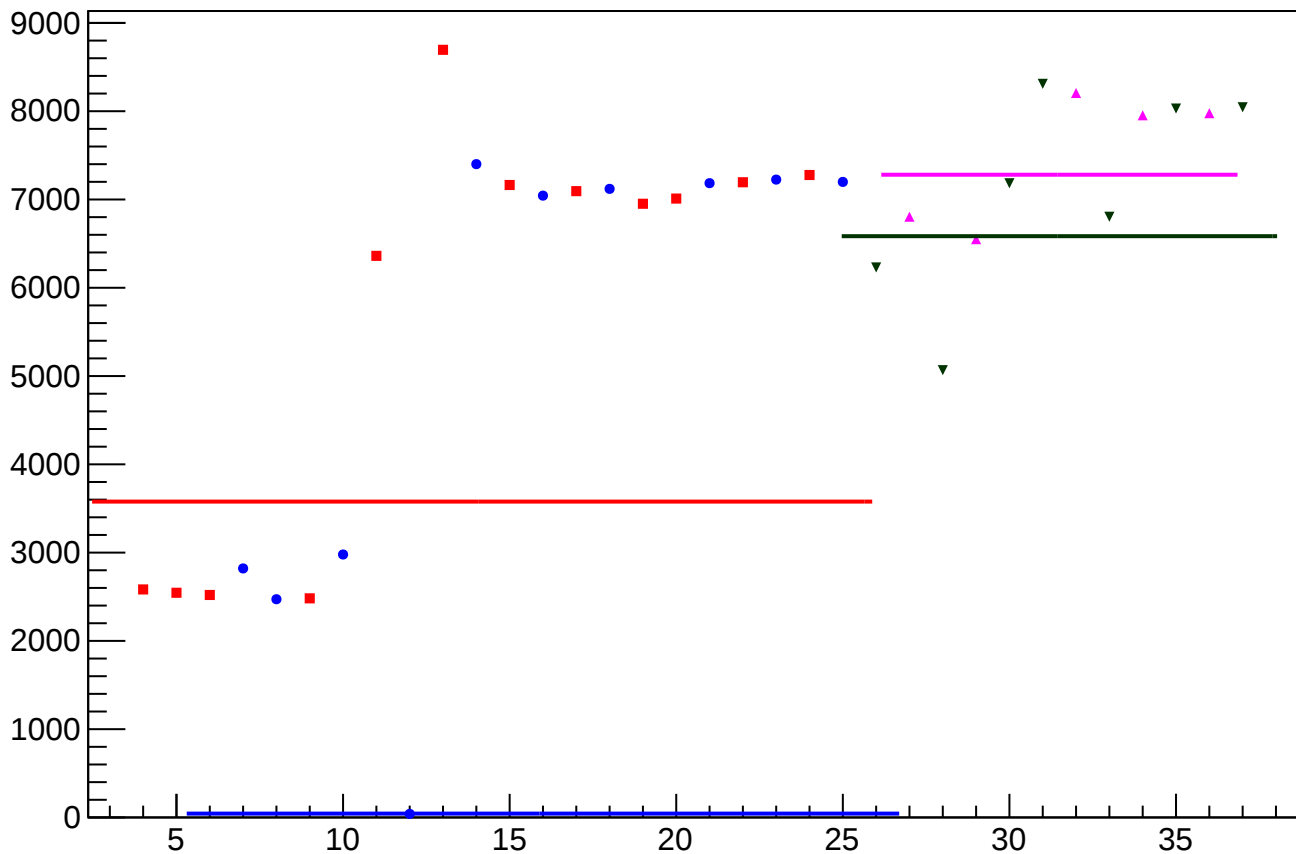
Right Out: -1.741 ± 1.623 $\chi^2/\text{NDF}: 21.6/11$

Left In: 2.273 ± 3.885 $\chi^2/\text{NDF}: 4.8/4$

0.066 ± 0.052 $\chi^2/\text{NDF}: 15.8/16$

-1.145 ± 1.497 $\chi^2/\text{NDF}: 27.4/16$

diff_bpm4acY_rms vs slug



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

Left Out: 6584.313+/-2.522 χ^2 /NDF:223342.0/6

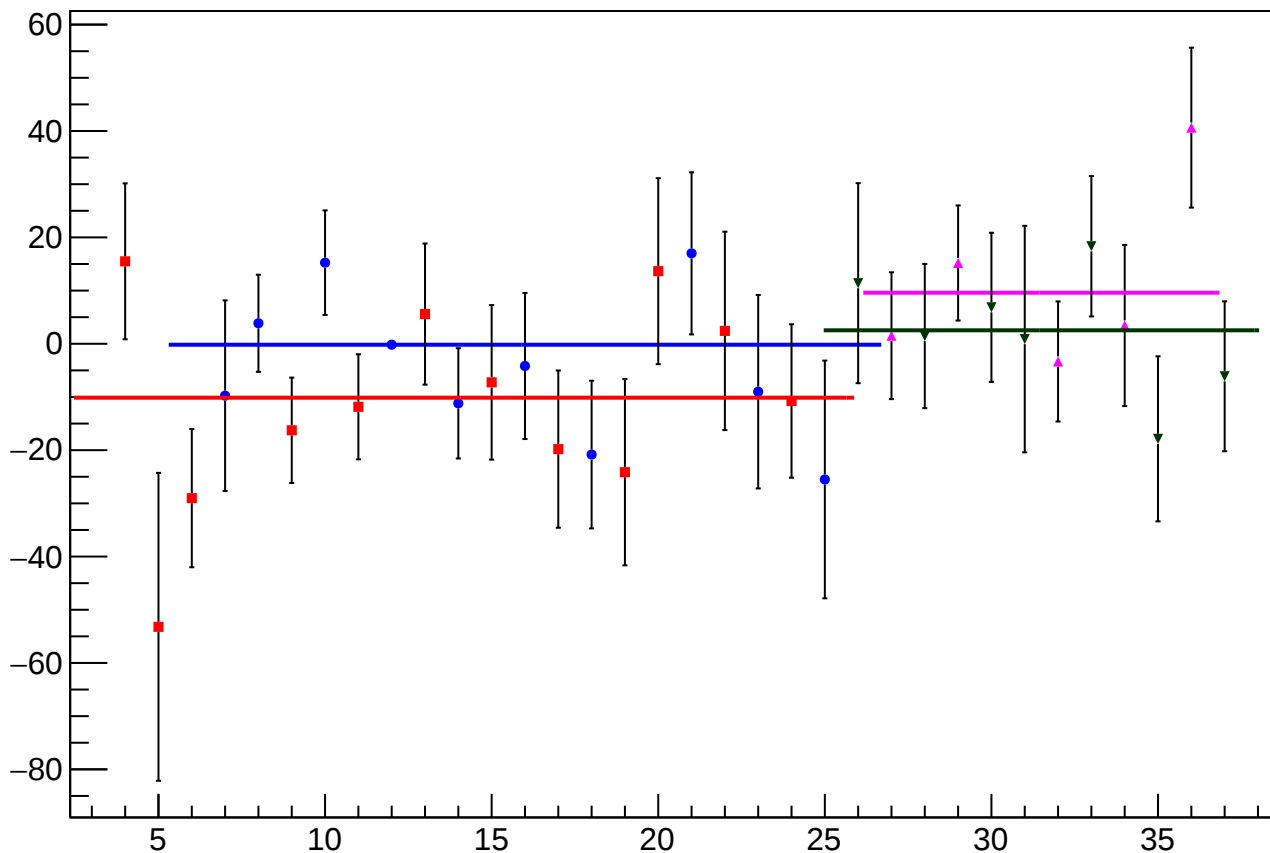
45.027+/-0.037 χ^2 /NDF: 18140693.5/16

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

4127.786+/-1.059 χ^2 /NDF: 4611135.7/16

Left In: 7280.471+/-2.747 χ^2 /NDF:65748.8/4

diff_bpm4ecX_mean vs slug



Right In: -0.178 ± 0.107 $\chi^2/\text{NDF: } 9.2/9$

Left Out: 2.533 ± 5.726 $\chi^2/\text{NDF: } 3.9/6$

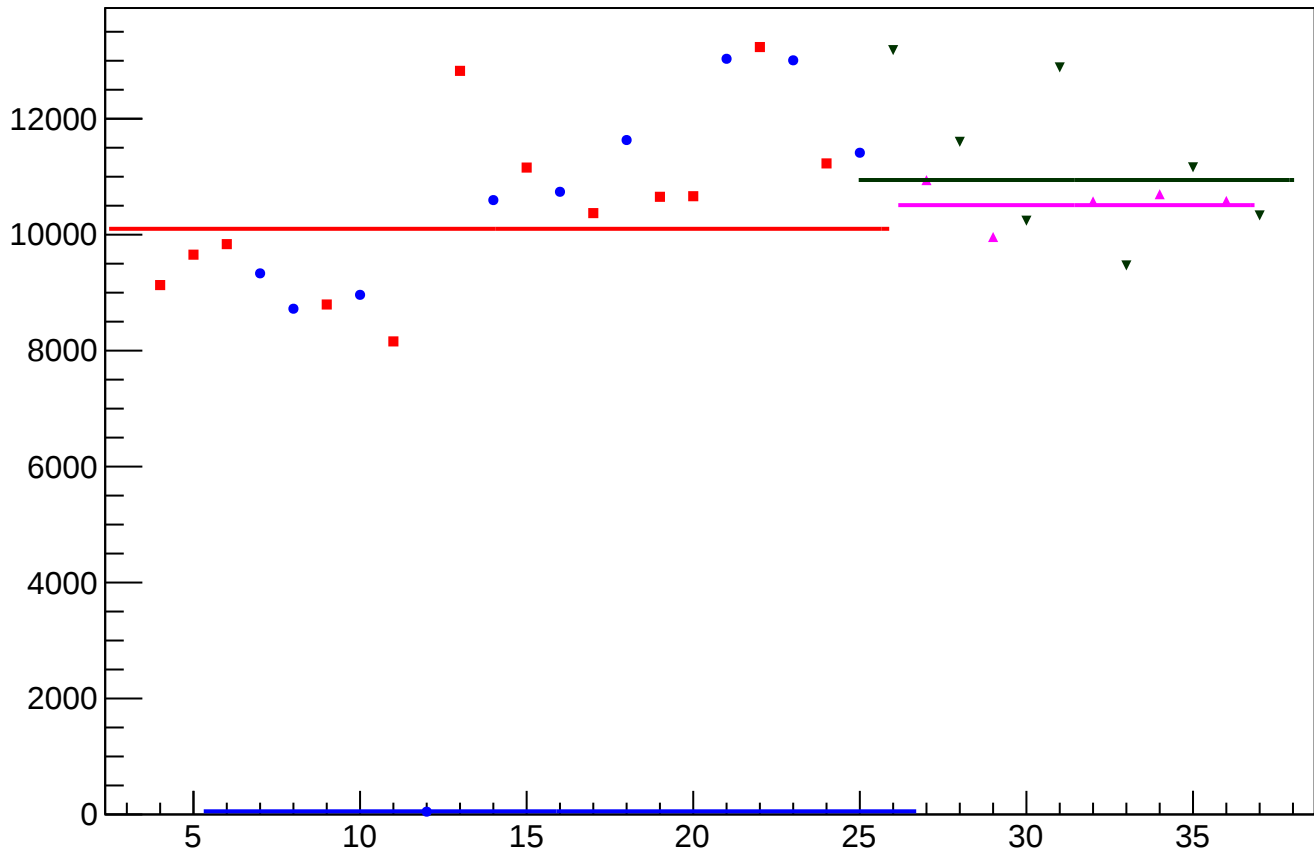
Right Out: -10.134 ± 4.035 $\chi^2/\text{NDF: } 12.6/11$

Left In: 9.597 ± 5.572 $\chi^2/\text{NDF: } 6.5/4$

-0.177 ± 0.107 $\chi^2/\text{NDF: } 13.3/16$

-3.347 ± 3.268 $\chi^2/\text{NDF: } 27.3/16$

diff_bpm4ecX_rms vs slug



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

Left Out: 10943.108+/-4.049 χ^2/NDF : 83845.7/6

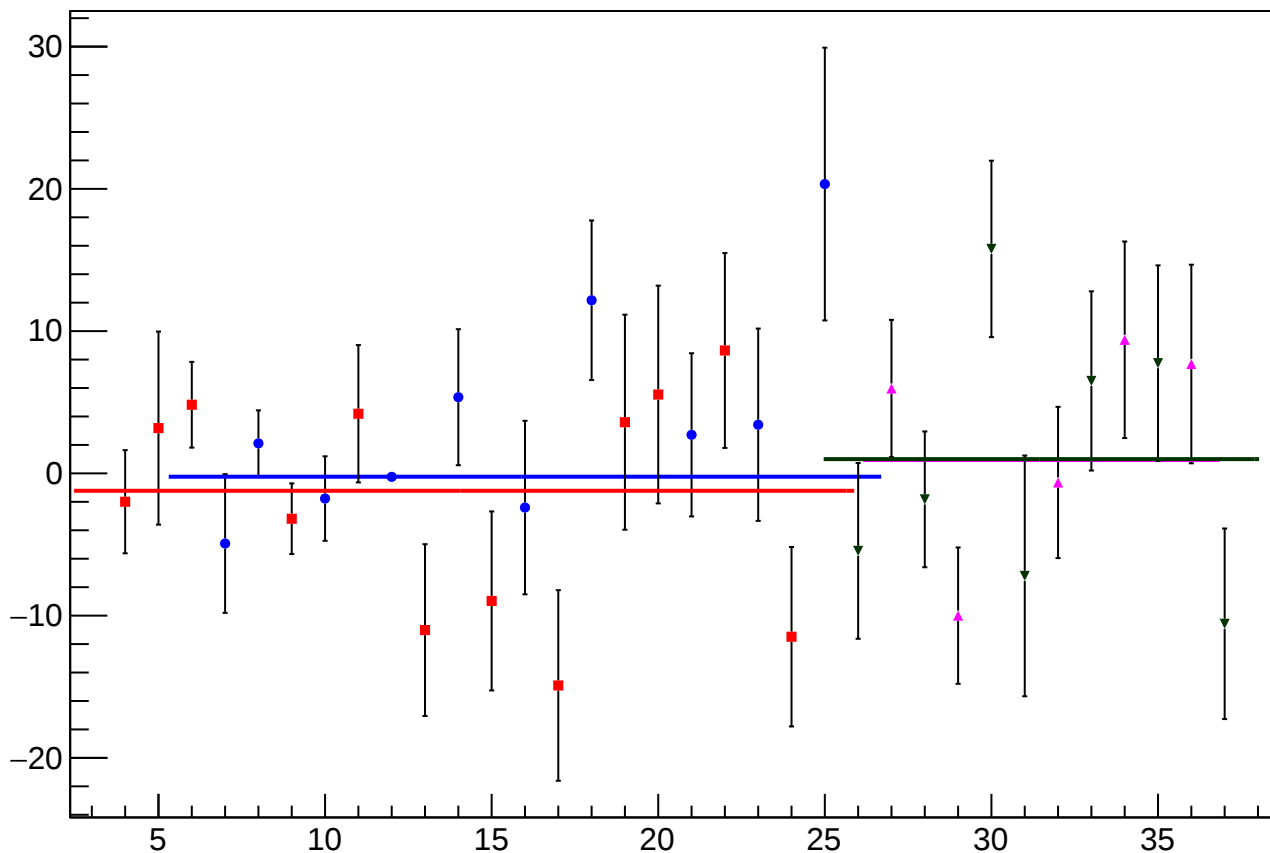
58.125+/-0.075 χ^2/NDF : 18958919.7/16

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

10241.730+/-2.311 χ^2/NDF : 305806.2/16

Left In: 10509.628+/-3.940 χ^2/NDF : 8204.1/4

diff_bpm4ecY_mean vs slug



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

Left Out: 1.003 ± 2.366 χ^2/NDF : 12.8/6

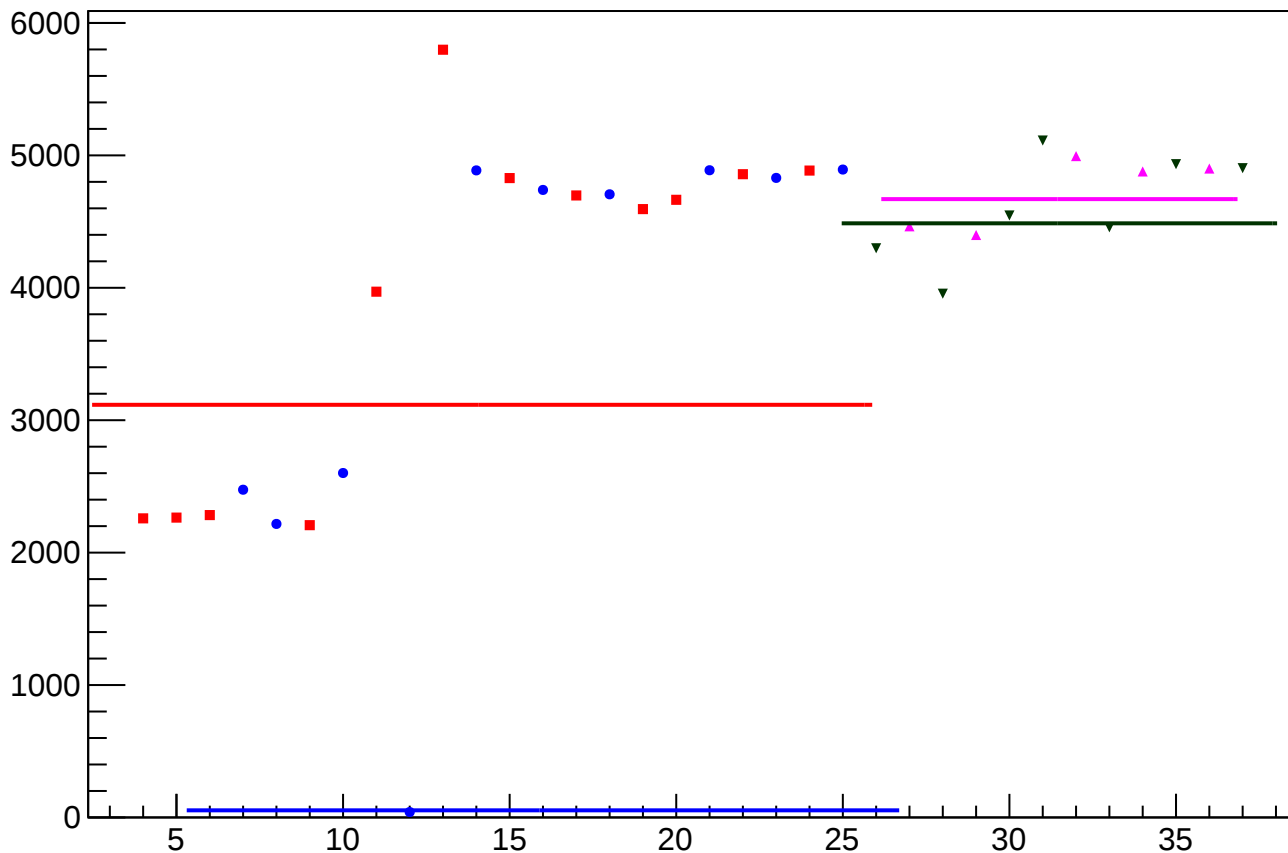
Right Out: -1.223 ± 1.326 χ^2/NDF : 20.6/11

Left In: 0.935 ± 2.474 χ^2/NDF : 8.8/4

-0.233 ± 0.090 χ^2/NDF : 26.8/16

-0.742 ± 1.169 χ^2/NDF : 30.0/16

diff_bpm4ecY_rms vs slug



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

Left Out: 4486.899+/-1.673 χ^2/NDF : 53976.2/6

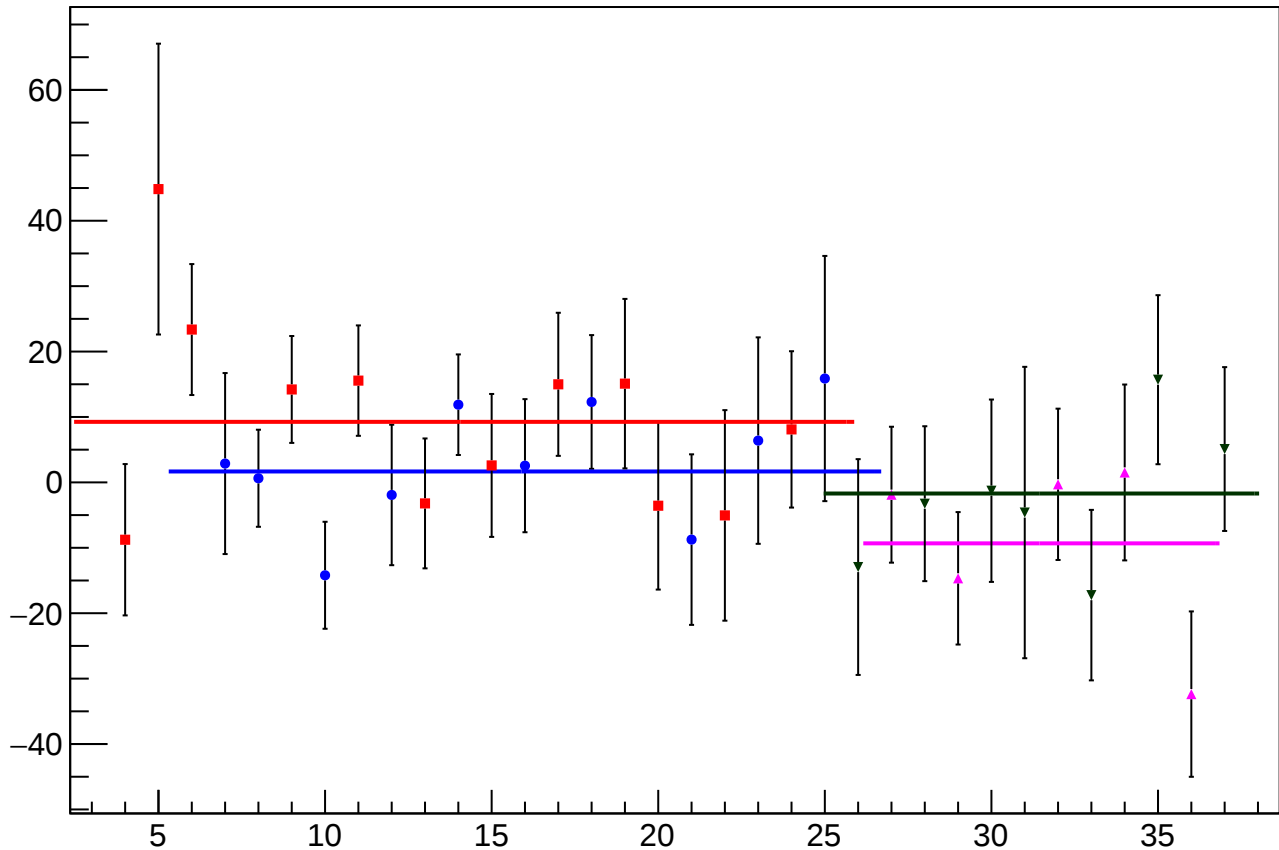
Right Out: 3116.348+/-0.938 χ^2/NDF : 1724845.4/11

Left In: 4669.713+/-1.750 χ^2/NDF : 21500.1/4

60.210+/-0.064 χ^2/NDF : 18336173.6/16

3463.020+/-0.827 χ^2/NDF : 2358712.2/16

diff_bpm1X_mean vs slug



Right In: 1.669 ± 3.229 $\chi^2/\text{NDF}: 8.1/9$

Left Out: -1.701 ± 5.254 $\chi^2/\text{NDF}: 4.0/6$

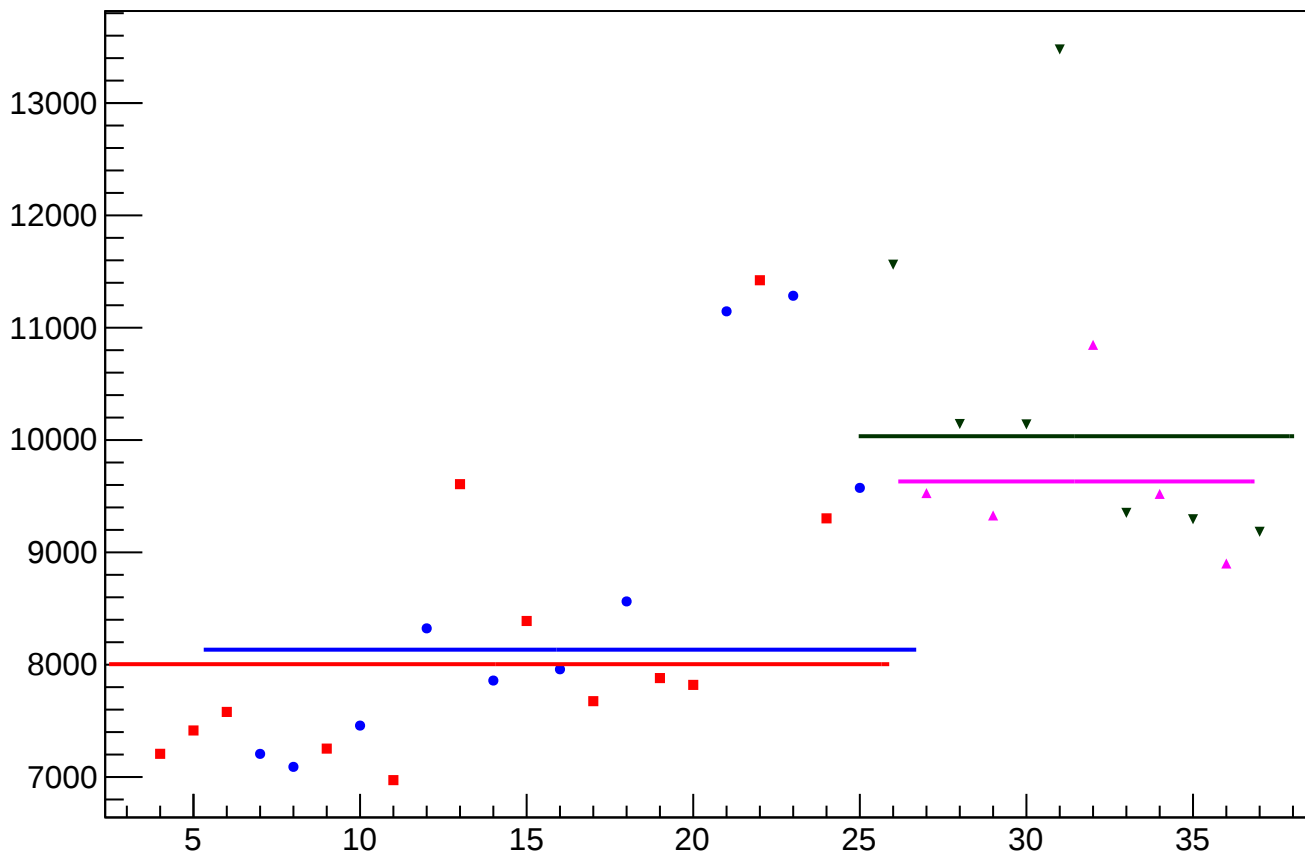
Right Out: 9.254 ± 3.190 $\chi^2/\text{NDF}: 12.1/11$

Left In: -9.321 ± 5.111 $\chi^2/\text{NDF}: 5.4/4$

0.745 ± 2.751 $\chi^2/\text{NDF}: 12.4/16$

4.047 ± 2.706 $\chi^2/\text{NDF}: 27.0/16$

diff_bpm1X_rms vs slug



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

Left Out: 10034.038+/-3.715 χ^2/NDF : 86481.1/6

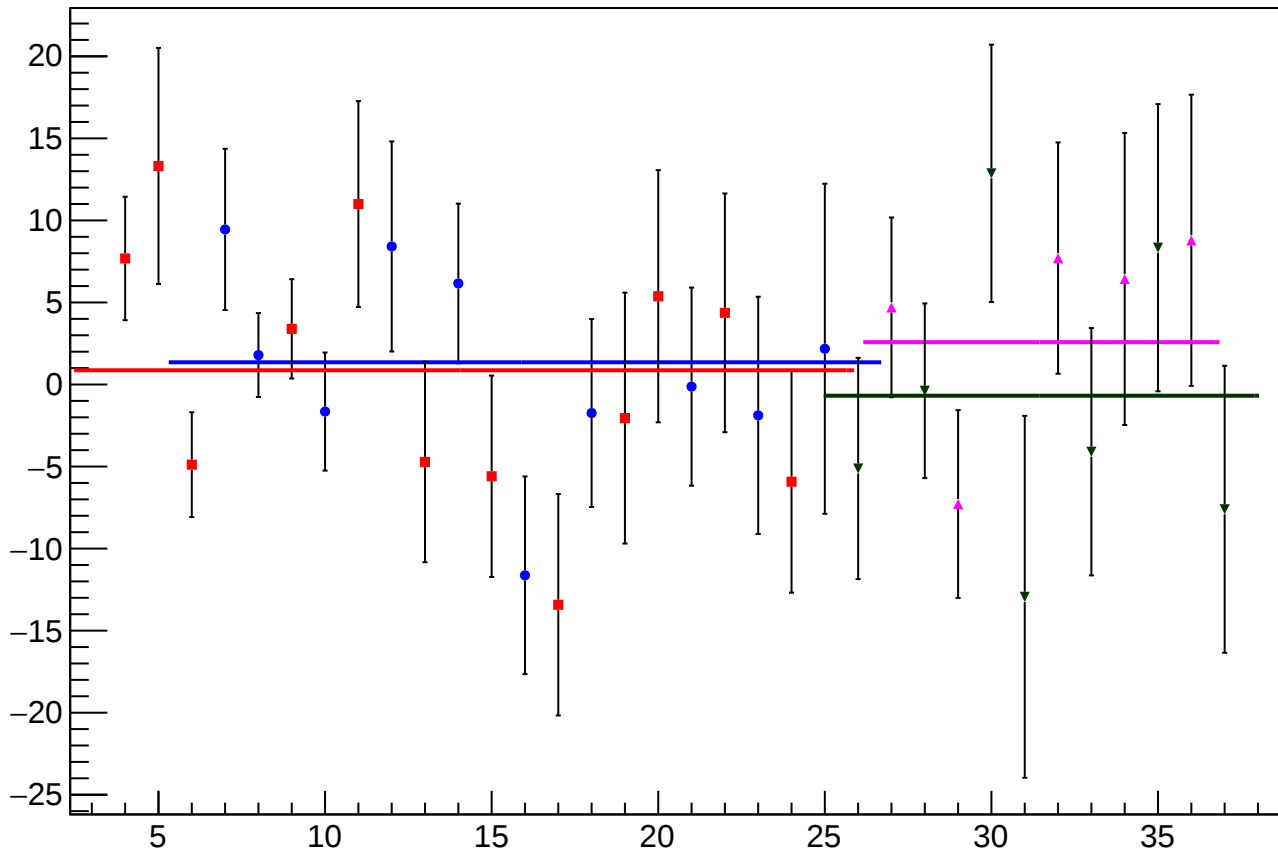
Right Out: 8004.585+/-2.255 χ^2/NDF : 232190.6/11

Left In: 9631.301+/-3.614 χ^2/NDF : 30913.4/4

8654.652+/-1.945 χ^2/NDF : 544150.7/16

8460.610+/-1.913 χ^2/NDF : 408924.0/16

diff_bpm1Y_mean vs slug



Right In: 1.354 $\pm$ 1.486 χ^2 /NDF: 10.8/9

Left Out: -0.683 $\pm$ 2.823 χ^2 /NDF: 6.6/6

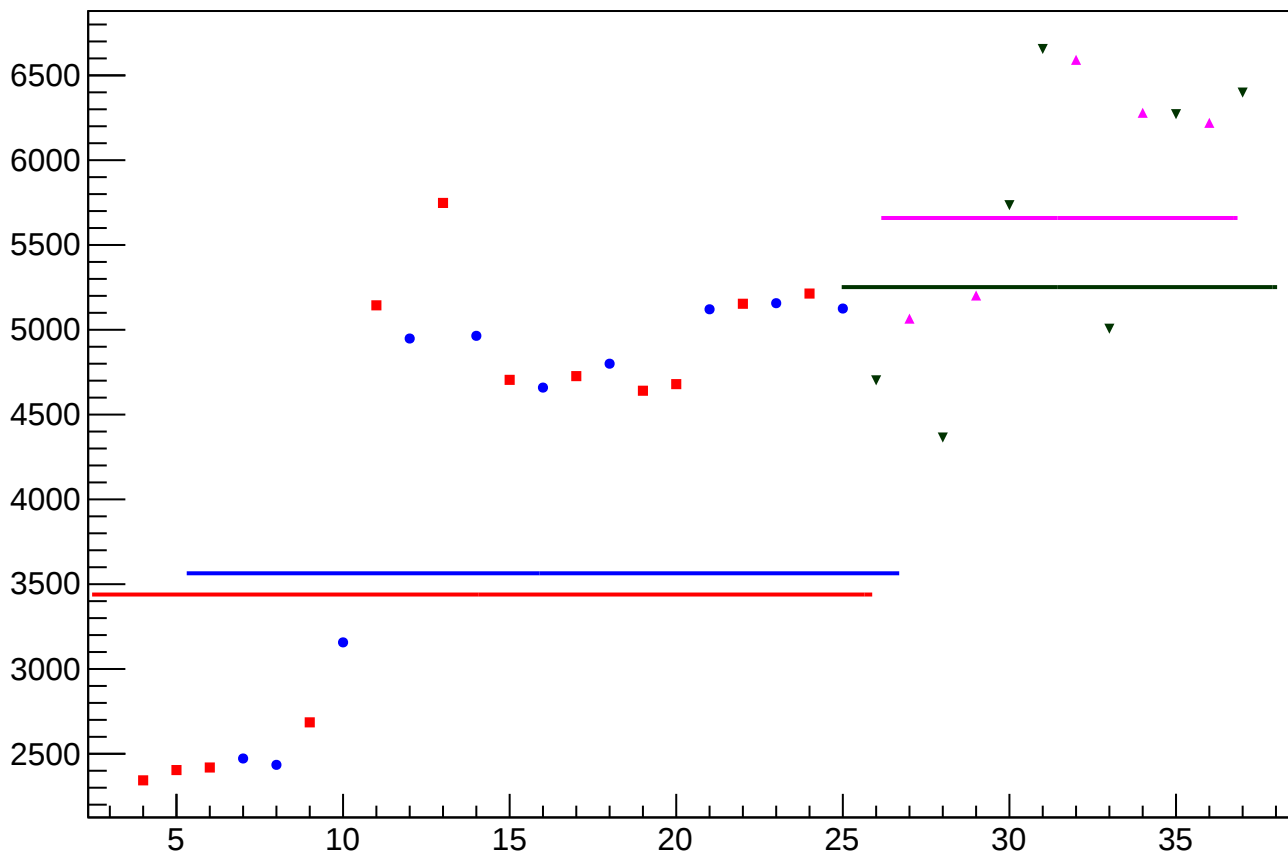
Right Out: 0.868 $\pm$ 1.454 χ^2 /NDF: 21.0/11

Left In: 2.583 $\pm$ 3.024 χ^2 /NDF: 4.3/4

0.912 $\pm$ 1.315 χ^2 /NDF: 17.8/16

1.190 $\pm$ 1.311 χ^2 /NDF: 25.6/16

diff_bpm1Y_rms vs slug



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

Left Out: 5251.656+/-1.996 χ^2/NDF :172483.4/6

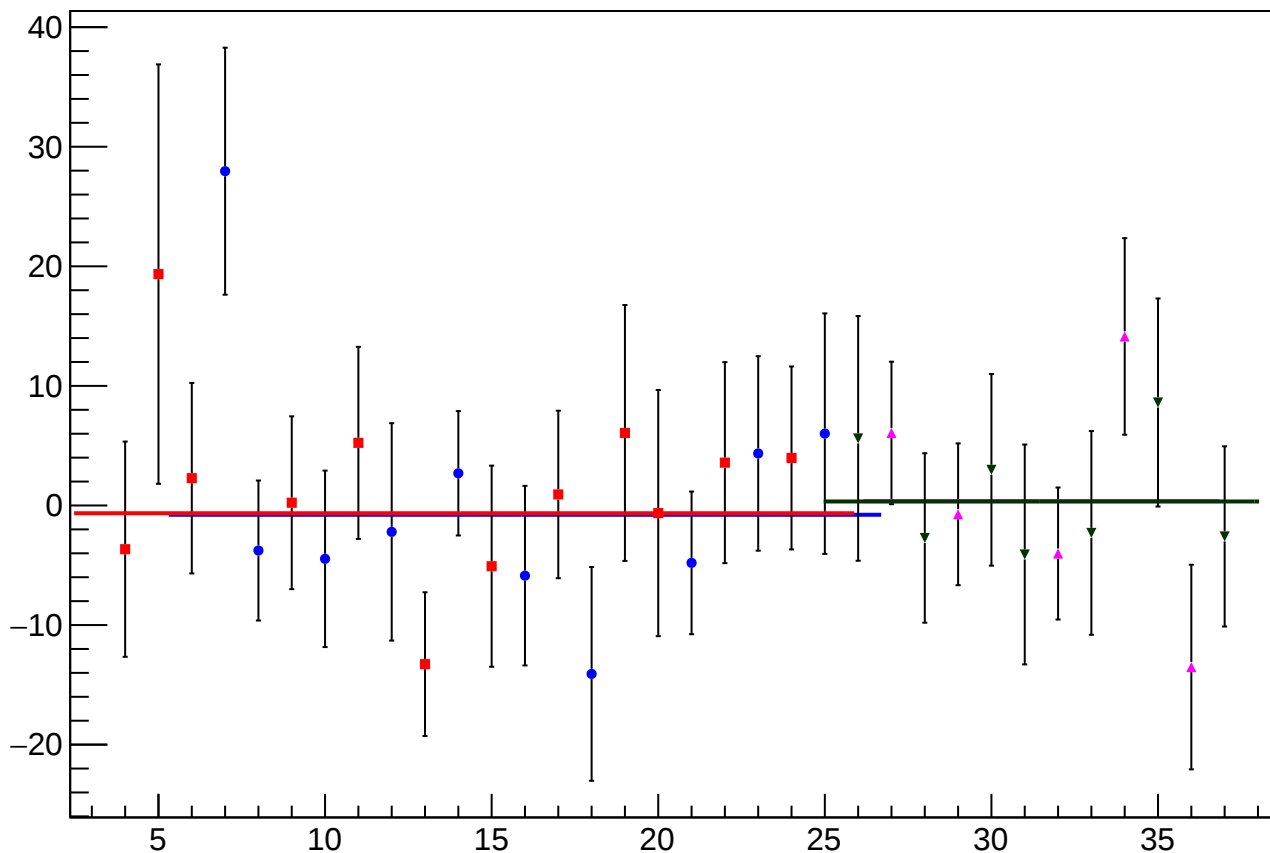
3930.415+/-0.930 χ^2/NDF : 1943544.0/16

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

3856.037+/-0.927 χ^2/NDF : 2444647.5/16

Left In: 5659.108+/-2.138 χ^2/NDF :88959.6/4

diff_bpm11X_mean vs slug



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

Left Out: 0.334 ± 3.139 χ^2/NDF : 1.9/6

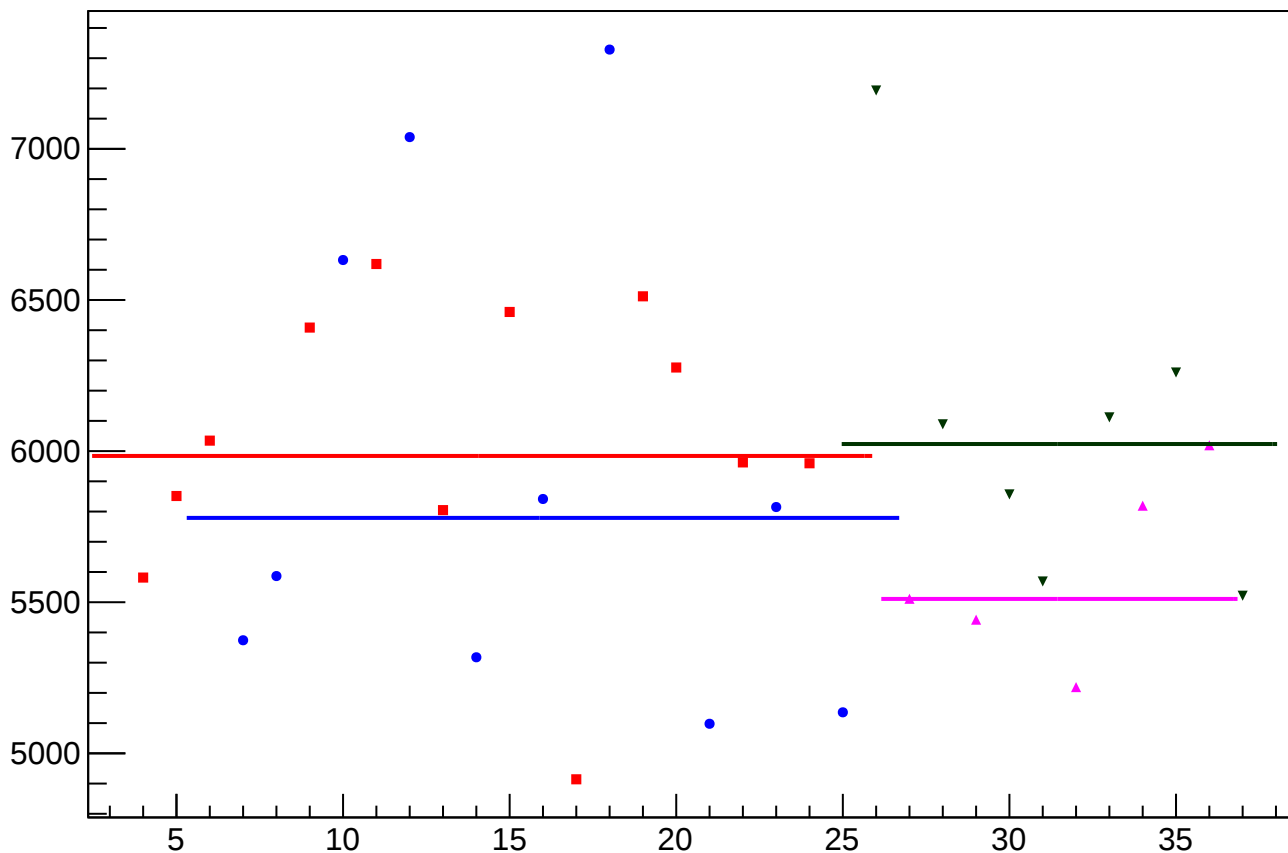
Right Out: -0.650 ± 2.373 χ^2/NDF : 7.8/11

Left In: 0.362 ± 2.912 χ^2/NDF : 7.0/4

-0.390 ± 1.854 χ^2/NDF : 14.7/16

-0.247 ± 1.839 χ^2/NDF : 14.9/16

diff_bpm11X_rms vs slug



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

Left Out: 6023.454+/-2.220 χ^2/NDF : 42642.0/6

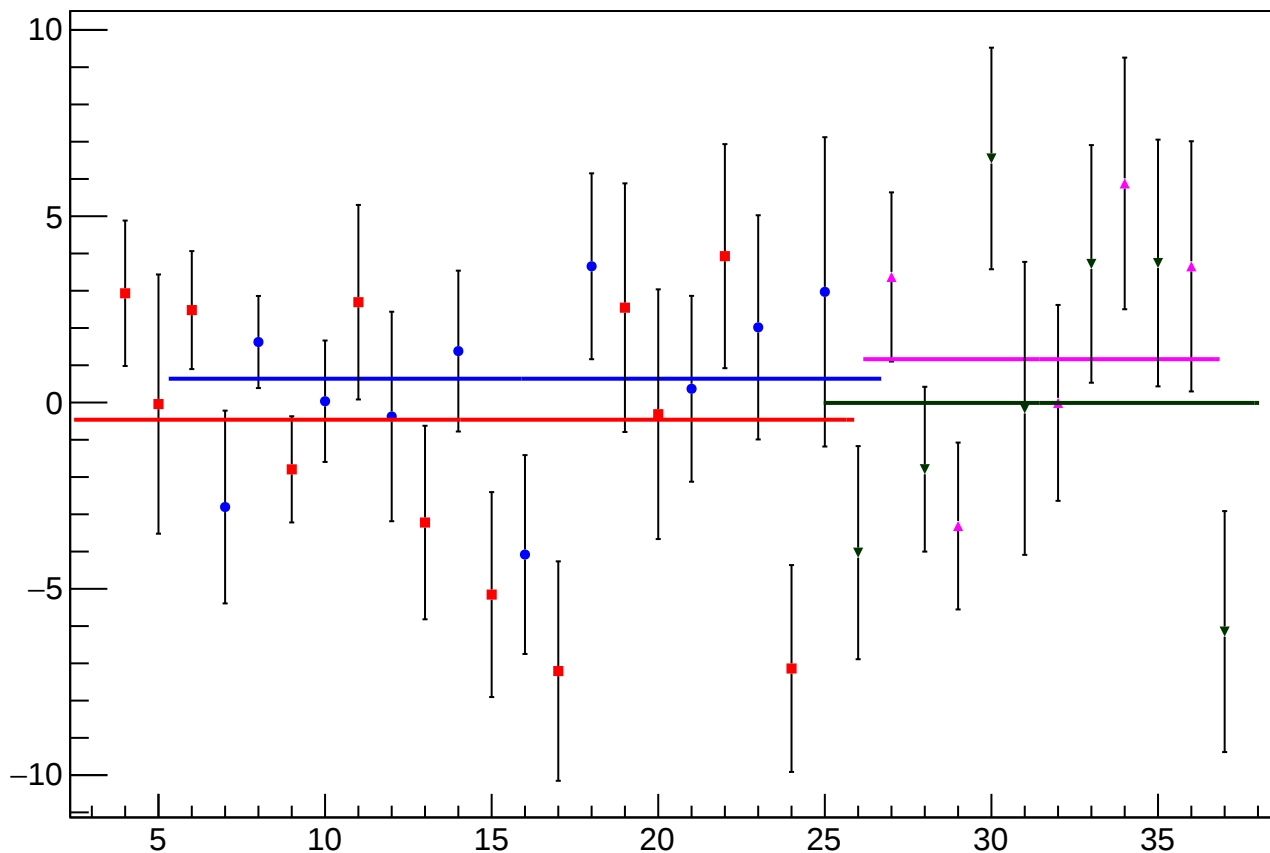
Right Out: 5983.998+/-1.678 χ^2/NDF : 85007.6/11

Left In: 5510.898+/-2.059 χ^2/NDF : 15732.7/4

5864.314+/-1.311 χ^2/NDF : 231213.4/16

5795.265+/-1.301 χ^2/NDF : 132464.4/16

diff_bpm11Y_mean vs slug



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

Left Out: -0.010 ± 1.125 χ^2/NDF : 13.7/6

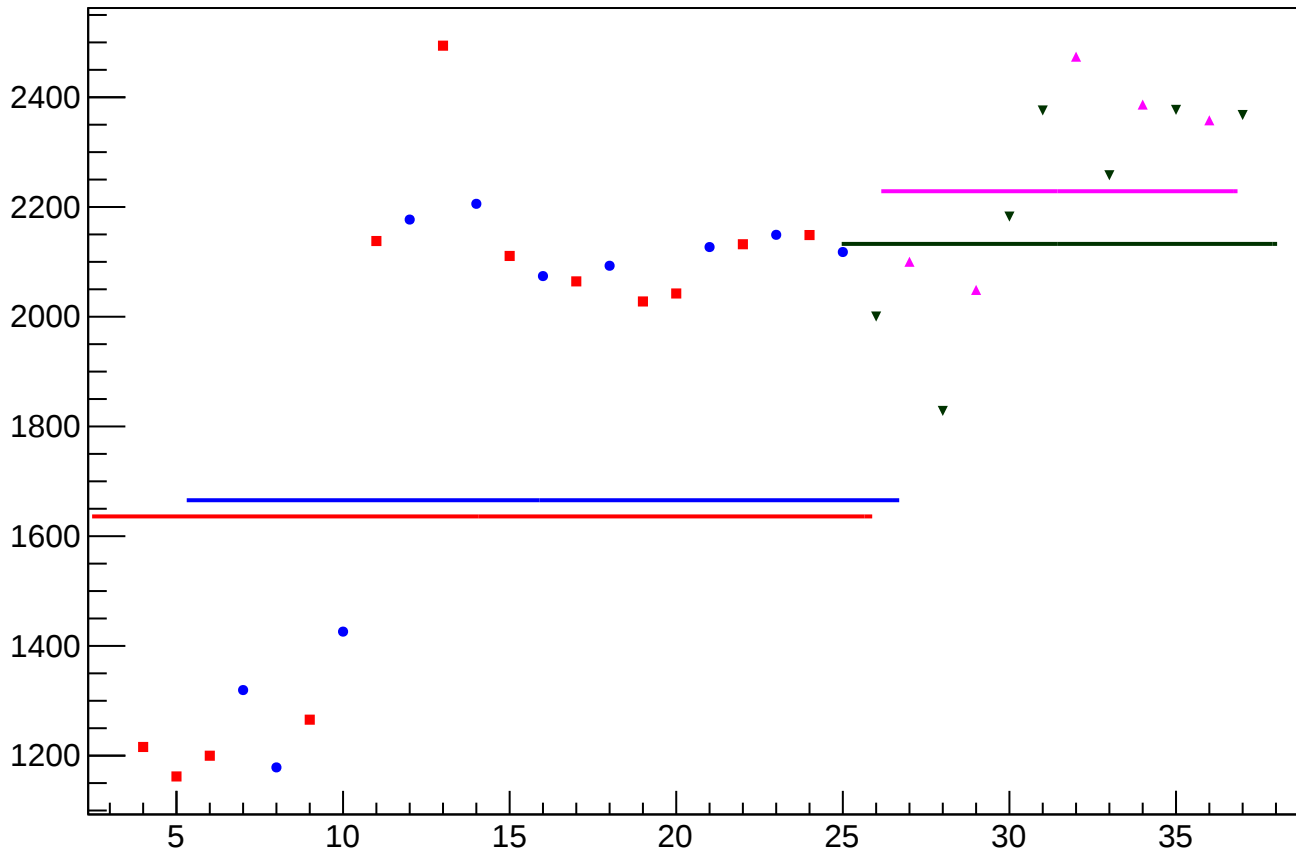
Right Out: -0.461 ± 0.674 χ^2/NDF : 26.8/11

Left In: 1.164 ± 1.183 χ^2/NDF : 7.6/4

0.465 ± 0.583 χ^2/NDF : 21.9/16

-0.063 ± 0.586 χ^2/NDF : 35.9/16

diff_bpm11Y_rms vs slug



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

Left Out: 2132.745+/-0.796 χ^2/NDF : 74912.9/6

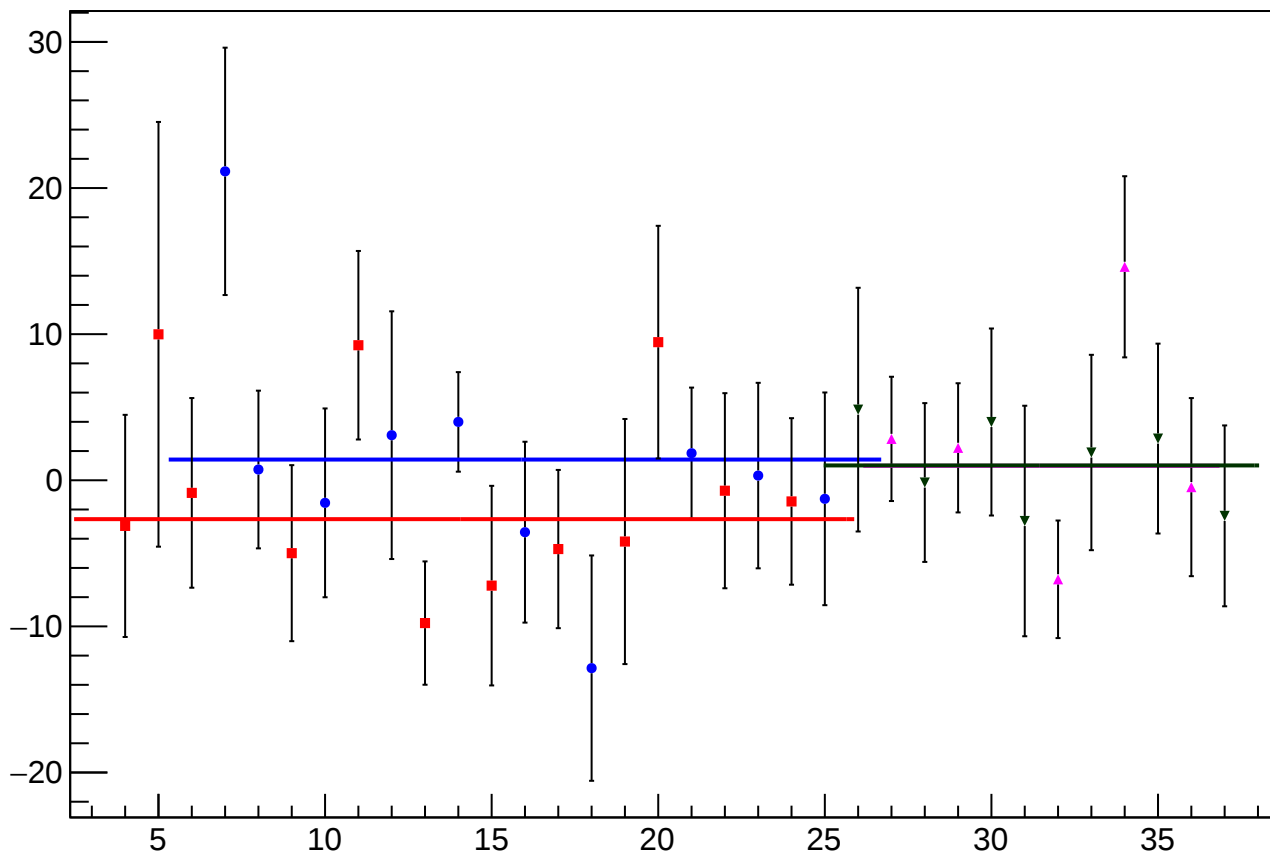
1790.955+/-0.412 χ^2/NDF : 1157478.6/16

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

1781.426+/-0.414 χ^2/NDF : 1413653.3/16

Left In: 2228.727+/-0.836 χ^2/NDF : 44067.4/4

diff_bpm12X_mean vs slug



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

Left Out: 1.016 ± 2.493 χ^2/NDF : 1.1/6

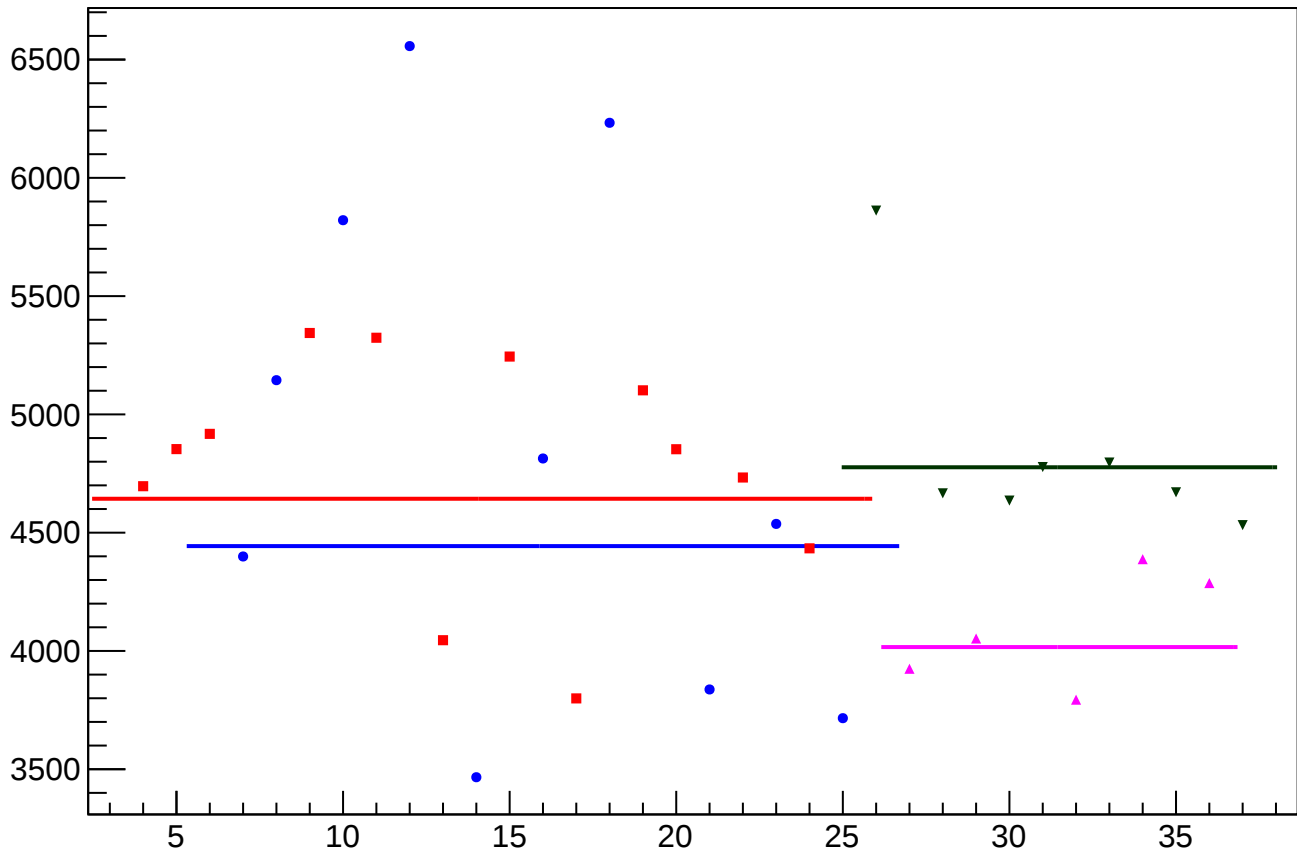
Right Out: -2.661 ± 1.850 χ^2/NDF : 10.3/11

Left In: 0.990 ± 2.126 χ^2/NDF : 8.9/4

1.280 ± 1.460 χ^2/NDF : 11.6/16

-1.088 ± 1.396 χ^2/NDF : 20.9/16

diff_bpm12X_rms vs slug



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

Left Out: 4776.478+/-1.763 χ^2/NDF : 39316.6/6

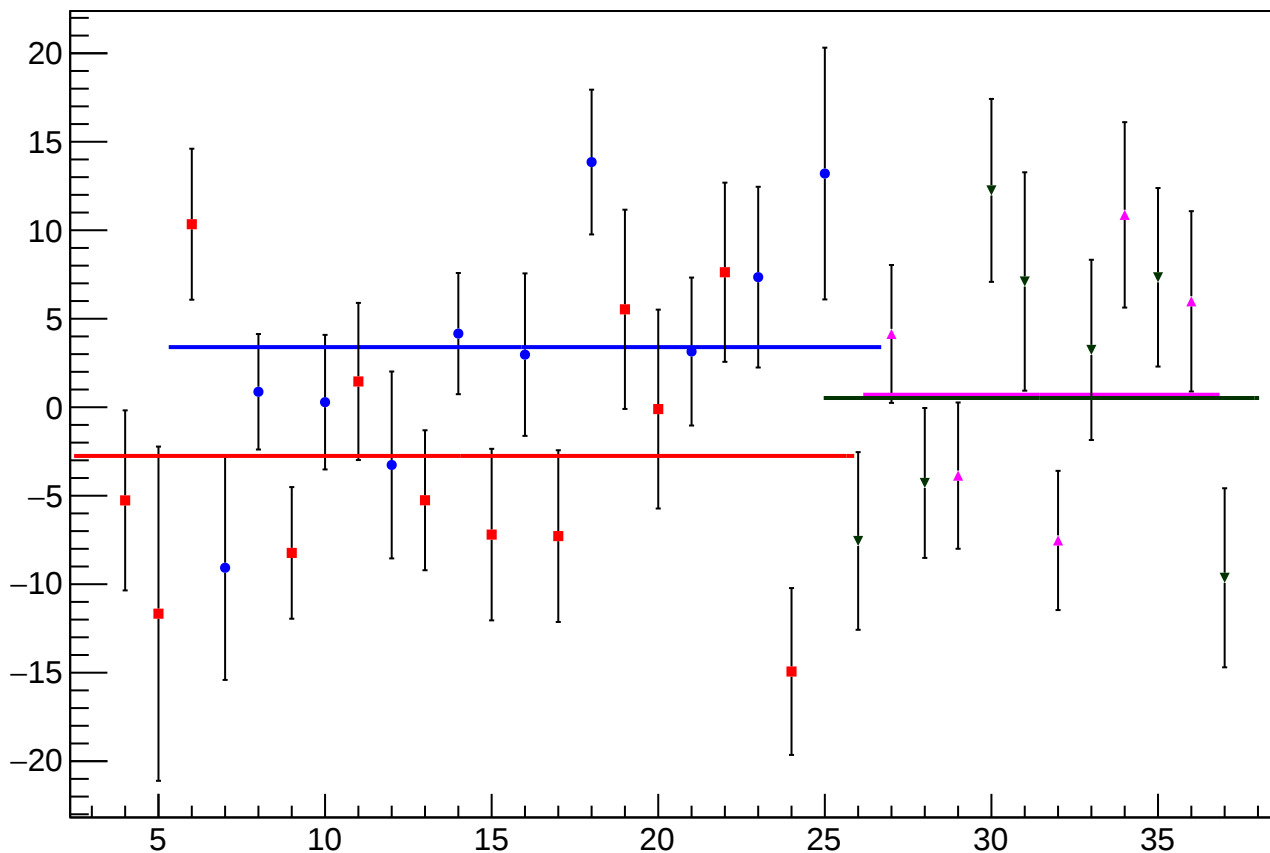
4557.448+/-1.032 χ^2/NDF : 648172.9/16

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

4373.281+/-0.987 χ^2/NDF : 285334.6/16

Left In: 4016.390+/-1.504 χ^2/NDF : 18299.0/4

diff_bpm12Y_mean vs slug



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

Left Out: 0.521 ± 1.903 $\chi^2/\text{NDF}: 16.3/6$

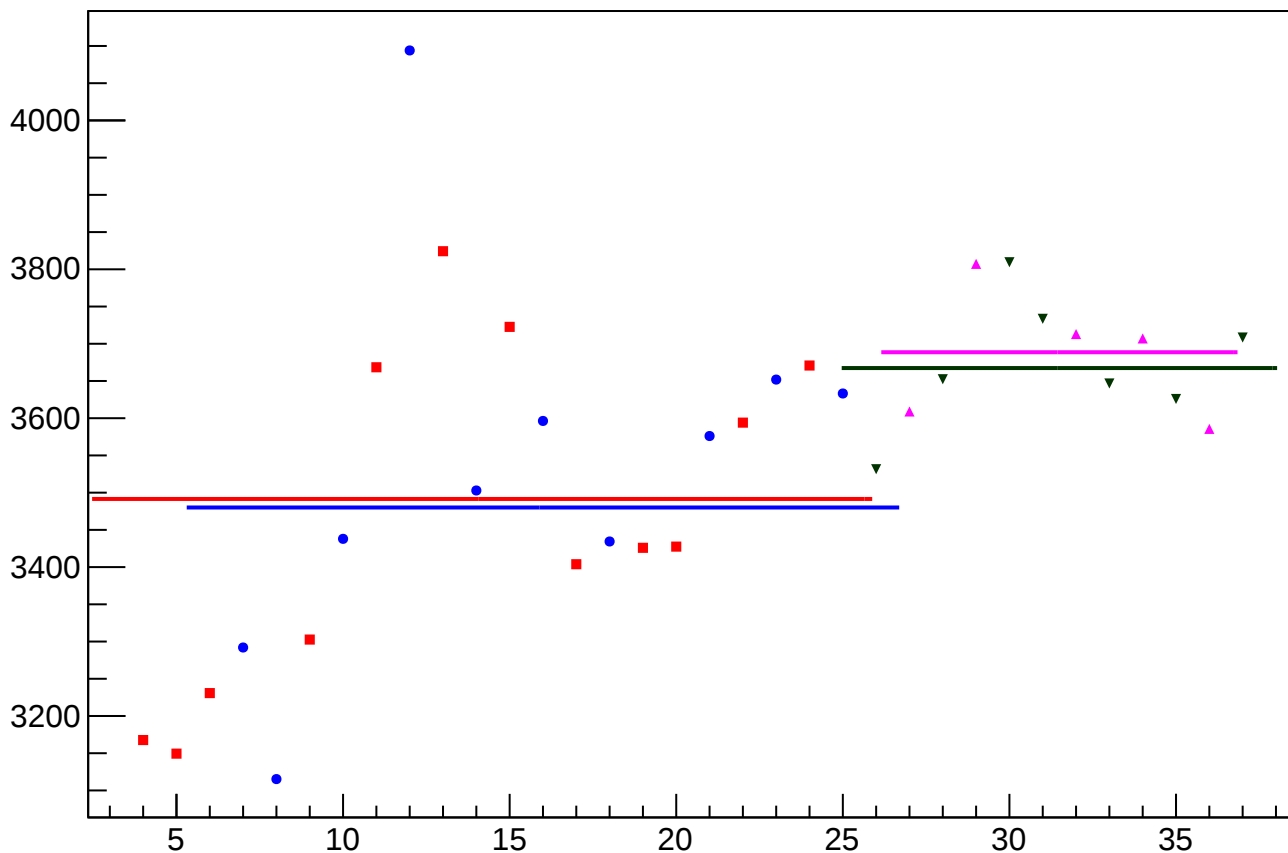
Right Out: -2.752 ± 1.381 $\chi^2/\text{NDF}: 29.0/11$

Left In: 0.706 ± 1.946 $\chi^2/\text{NDF}: 11.2/4$

2.414 ± 1.113 $\chi^2/\text{NDF}: 33.6/16$

-1.593 ± 1.126 $\chi^2/\text{NDF}: 42.3/16$

diff_bpm12Y_rms vs slug



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

Left Out: 3667.365 ± 1.346 χ^2/NDF : 3533.7/6

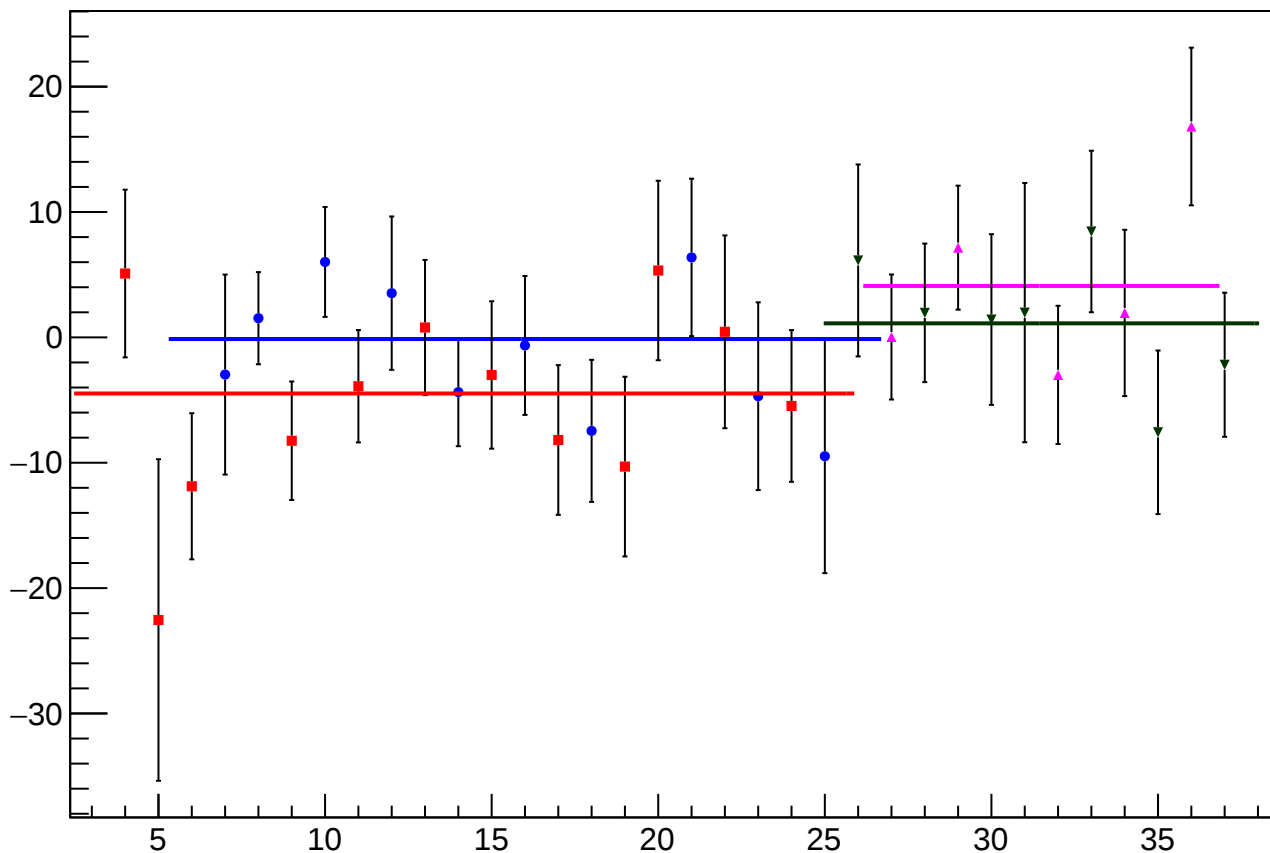
Right Out: 3491.537 ± 0.977 χ^2/NDF : 50144.5/11

Left In: 3688.615 ± 1.376 χ^2/NDF : 3404.3/4

3544.073 ± 0.787 χ^2/NDF : 76200.6/16

3557.569 ± 0.796 χ^2/NDF : 67189.6/16

diff_bpm16X_mean vs slug



Right In: -0.131 ± 1.713 $\chi^2/\text{NDF}: 7.7/9$

Left Out: 1.119 ± 2.511 $\chi^2/\text{NDF}: 3.9/6$

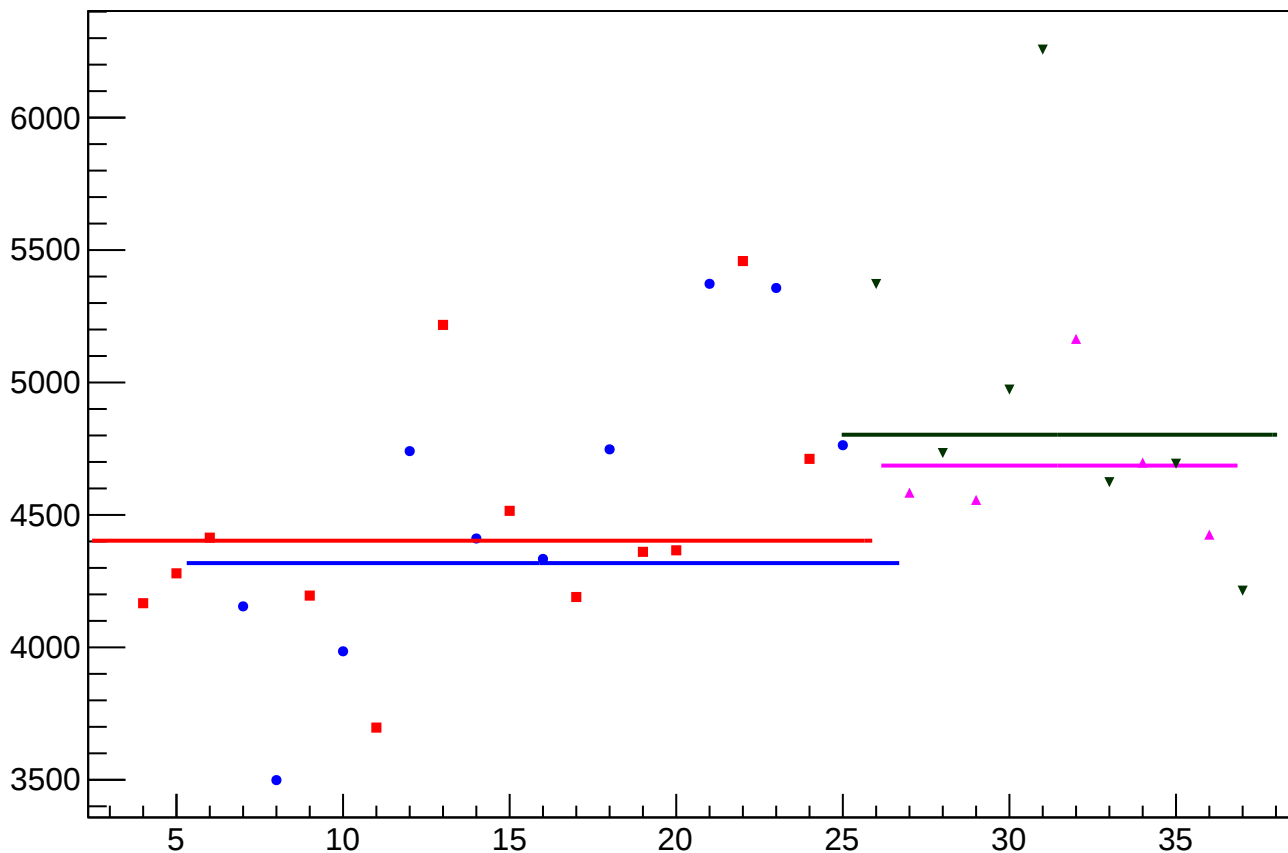
Right Out: -4.476 ± 1.749 $\chi^2/\text{NDF}: 10.7/11$

Left In: 4.103 ± 2.484 $\chi^2/\text{NDF}: 6.9/4$

0.266 ± 1.415 $\chi^2/\text{NDF}: 11.8/16$

-1.633 ± 1.430 $\chi^2/\text{NDF}: 25.6/16$

diff_bpm16X_rms vs slug



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

Left Out: 4802.850+/-1.776 χ^2/NDF : 75255.0/6

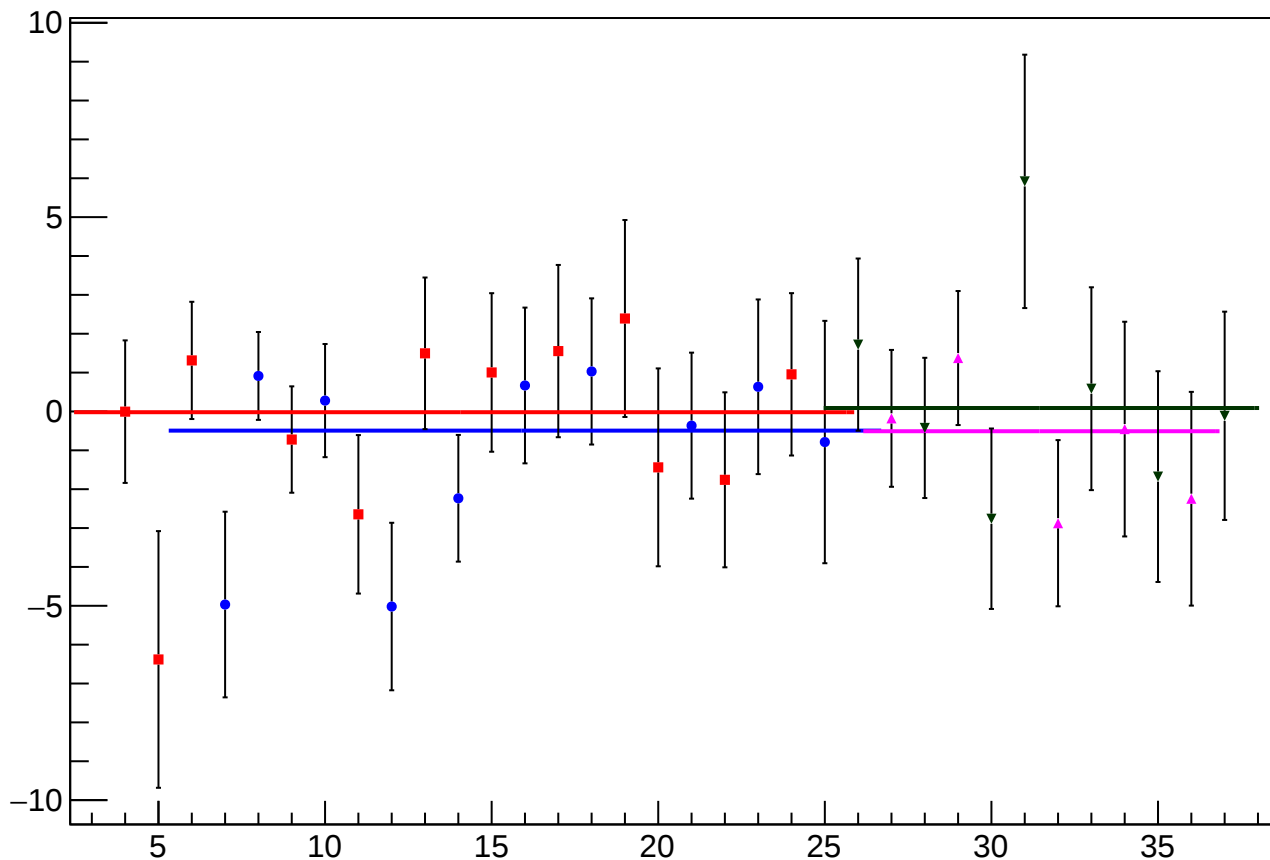
Right Out: 4402.778+/-1.237 χ^2/NDF : 148052.0/11

Left In: 4686.346+/-1.757 χ^2/NDF : 20721.4/4

4472.142+/-1.001 χ^2/NDF : 359223.3/16

4496.737+/-1.011 χ^2/NDF : 186198.0/16

diff_bpm16Y_mean vs slug



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

Left Out: 0.089 ± 0.908 $\chi^2/\text{NDF}: 5.8/6$

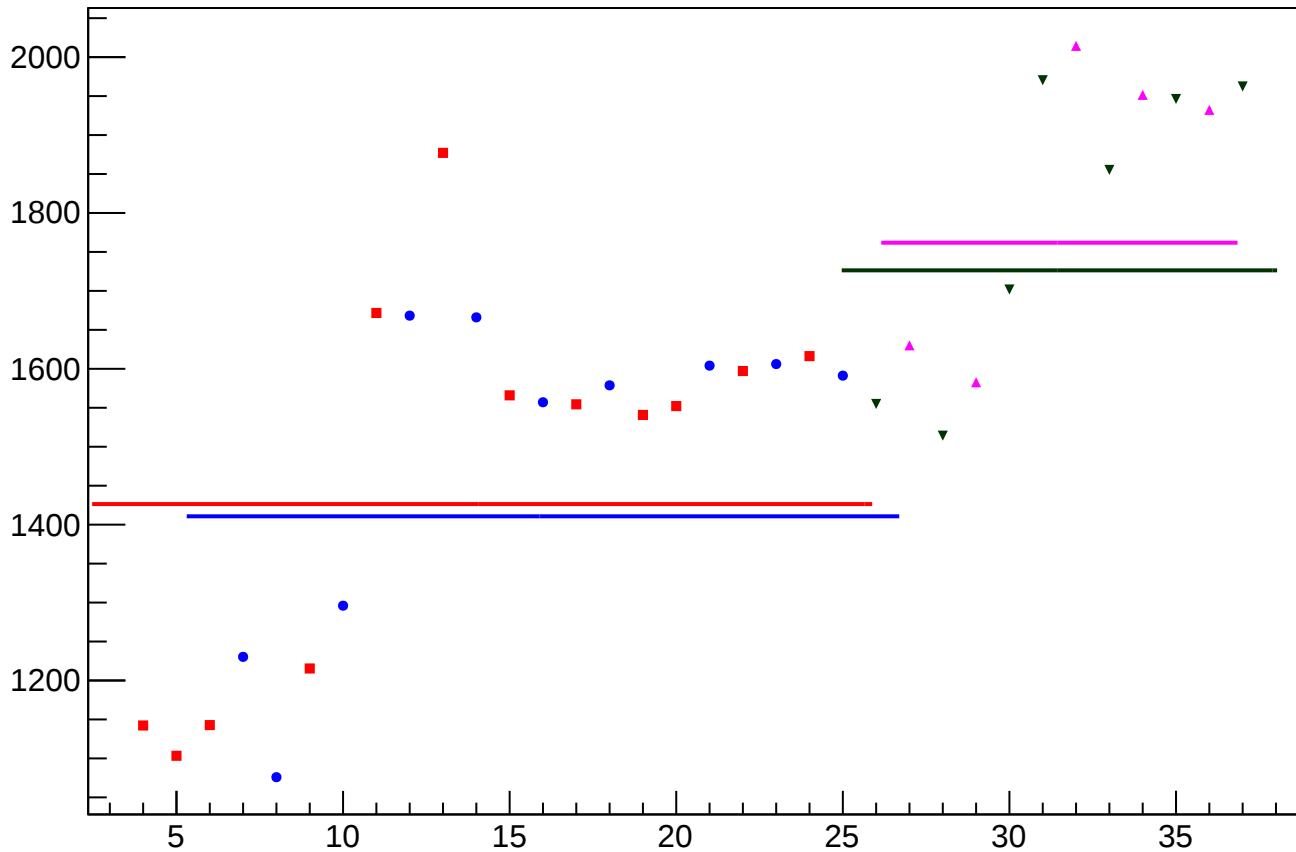
Right Out: -0.019 ± 0.573 $\chi^2/\text{NDF}: 9.8/11$

Left In: -0.509 ± 0.936 $\chi^2/\text{NDF}: 2.9/4$

-0.331 ± 0.479 $\chi^2/\text{NDF}: 18.2/16$

-0.153 ± 0.489 $\chi^2/\text{NDF}: 12.9/16$

diff_bpm16Y_rms vs slug



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

Left Out: 1726.366 $\pm$ 0.642 χ^2 /NDF:84617.2/6

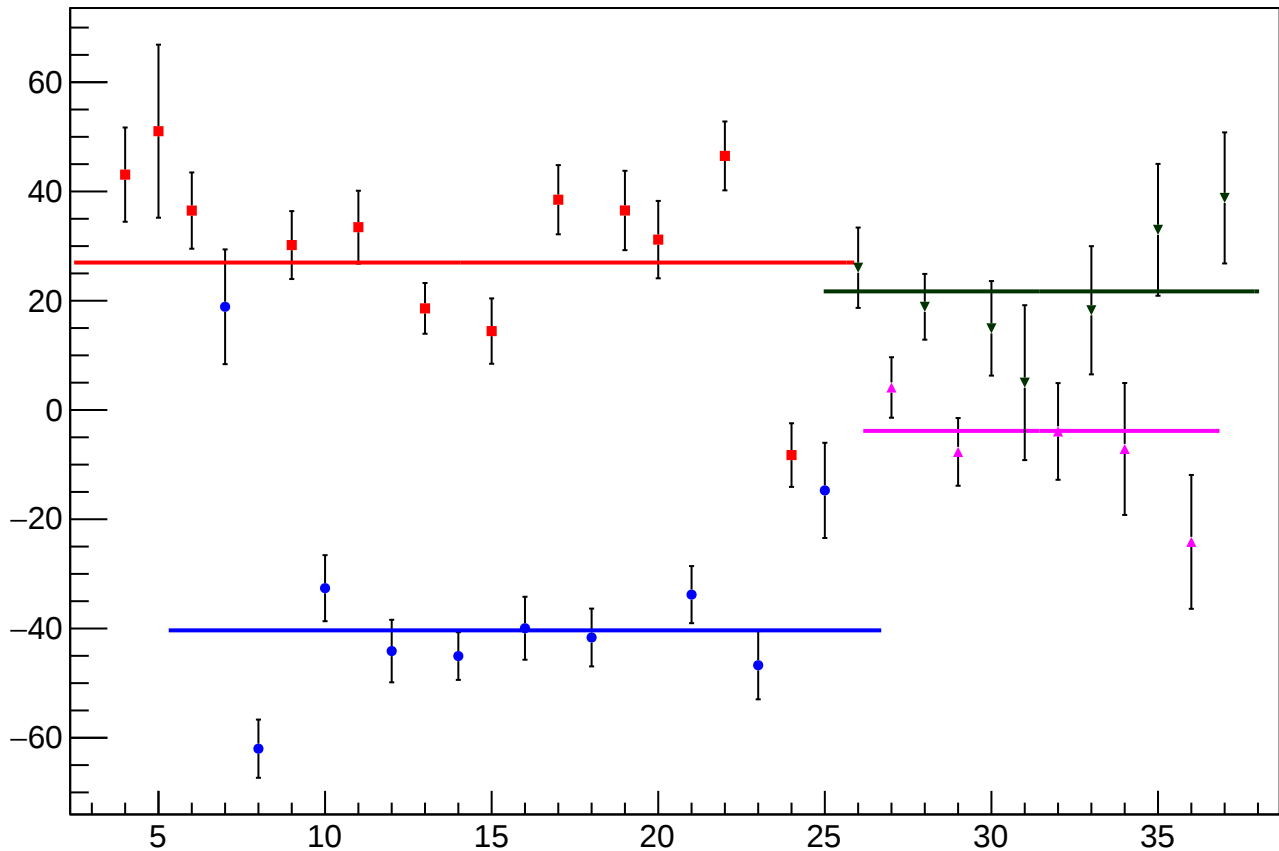
1498.715 $\pm$ 0.339 χ^2 /NDF: 605365.5/16

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

1517.805 $\pm$ 0.346 χ^2 /NDF: 638759.2/16

Left In: 1761.817 $\pm$ 0.662 χ^2 /NDF:77820.6/4

diff_bpm0l01X_mean vs slug



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

Left Out: 21.711 ± 3.420 χ^2/NDF : 5.6/6

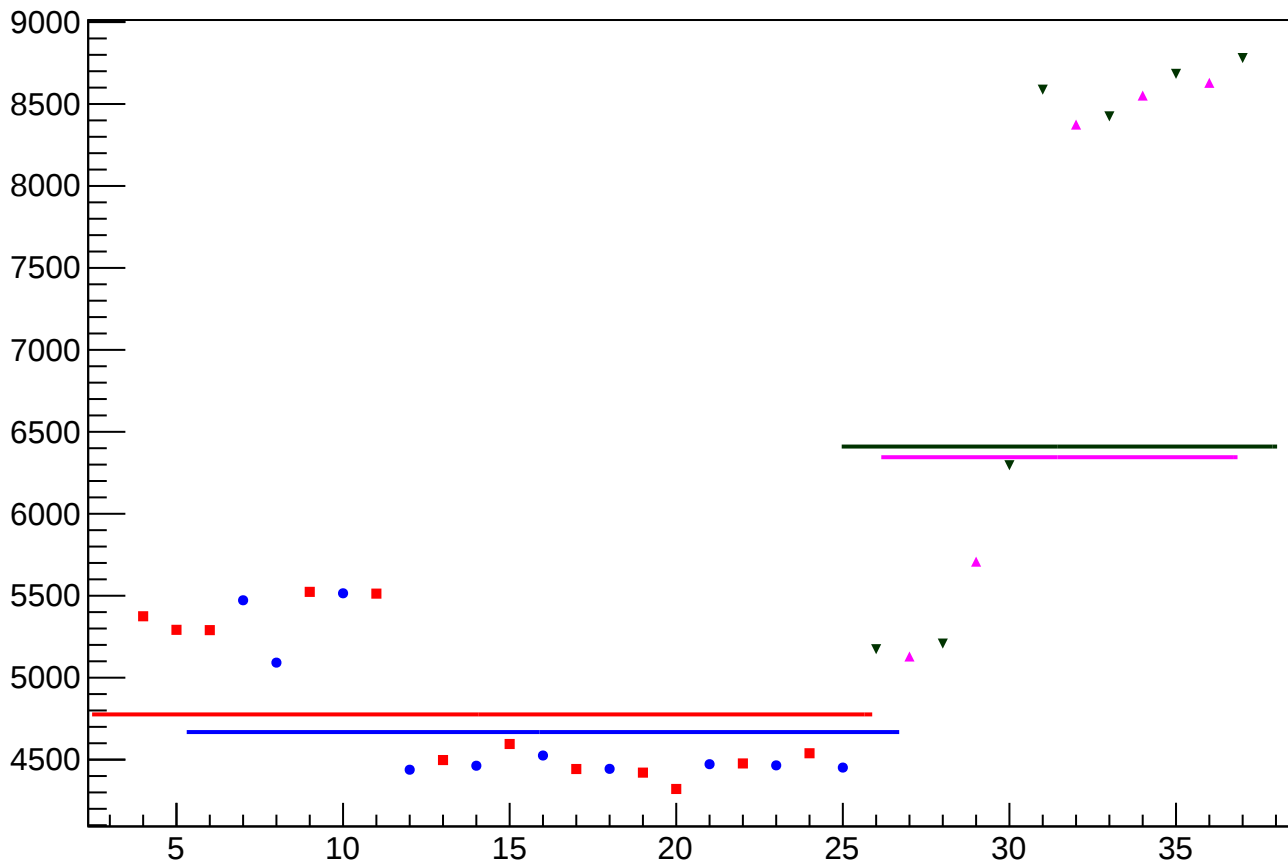
Right Out: 26.988 ± 1.893 χ^2/NDF : 68.1/11

Left In: -3.829 ± 3.431 χ^2/NDF : 5.3/4

-26.433 ± 1.619 χ^2/NDF : 323.8/16

19.795 ± 1.657 χ^2/NDF : 135.2/16

diff_bpm0l01X_rms vs slug



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

Left Out: 6410.140+/-2.418 χ^2/NDF : 391860.2/6

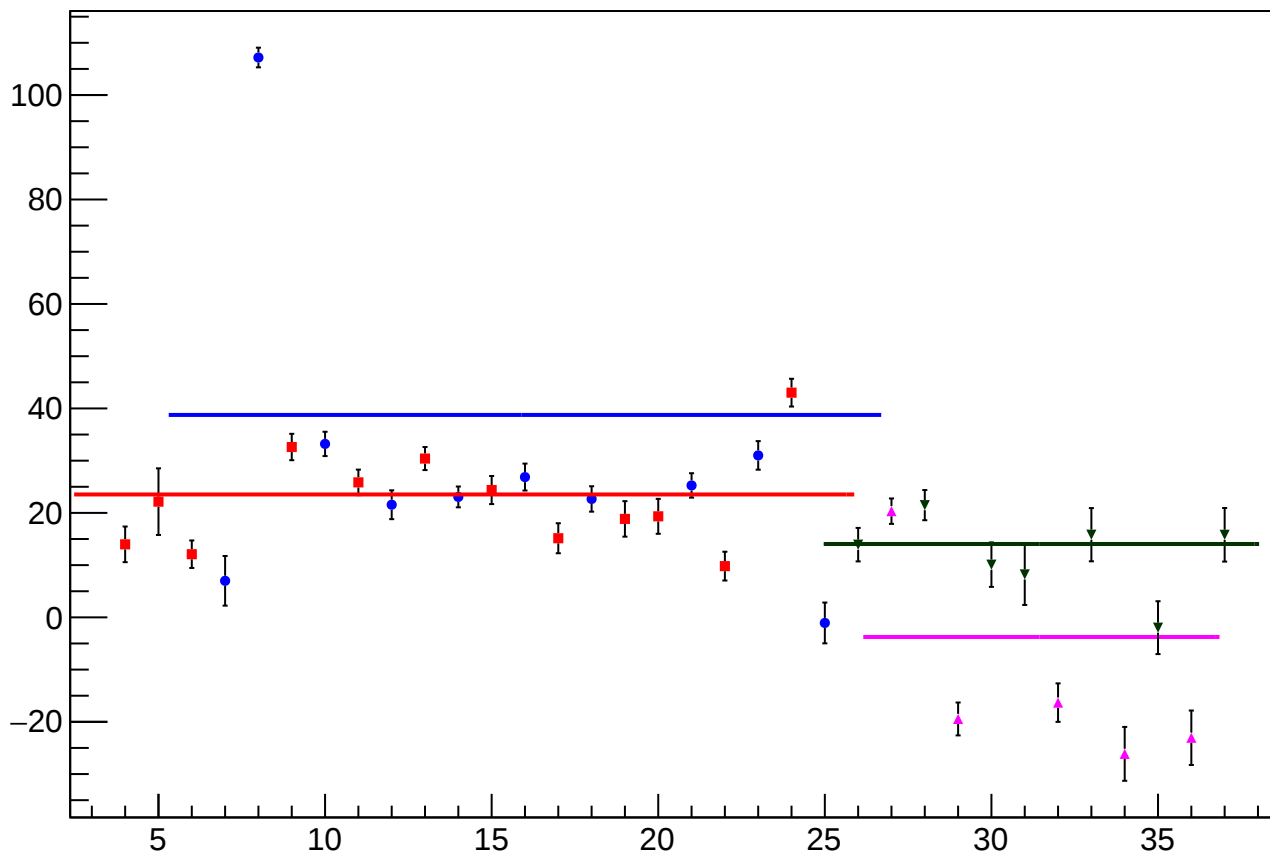
Right Out: 4775.916+/-1.339 χ^2/NDF : 111352.4/11

Left In: 6345.139+/-2.426 χ^2/NDF : 359079.2/4

5058.589+/-1.145 χ^2/NDF : 876691.9/16

5142.162+/-1.172 χ^2/NDF : 791211.2/16

diff_bpm0l01Y_mean vs slug



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

Left Out: 14.048 $\pm$ 1.549 χ^2 /NDF:18.7/6

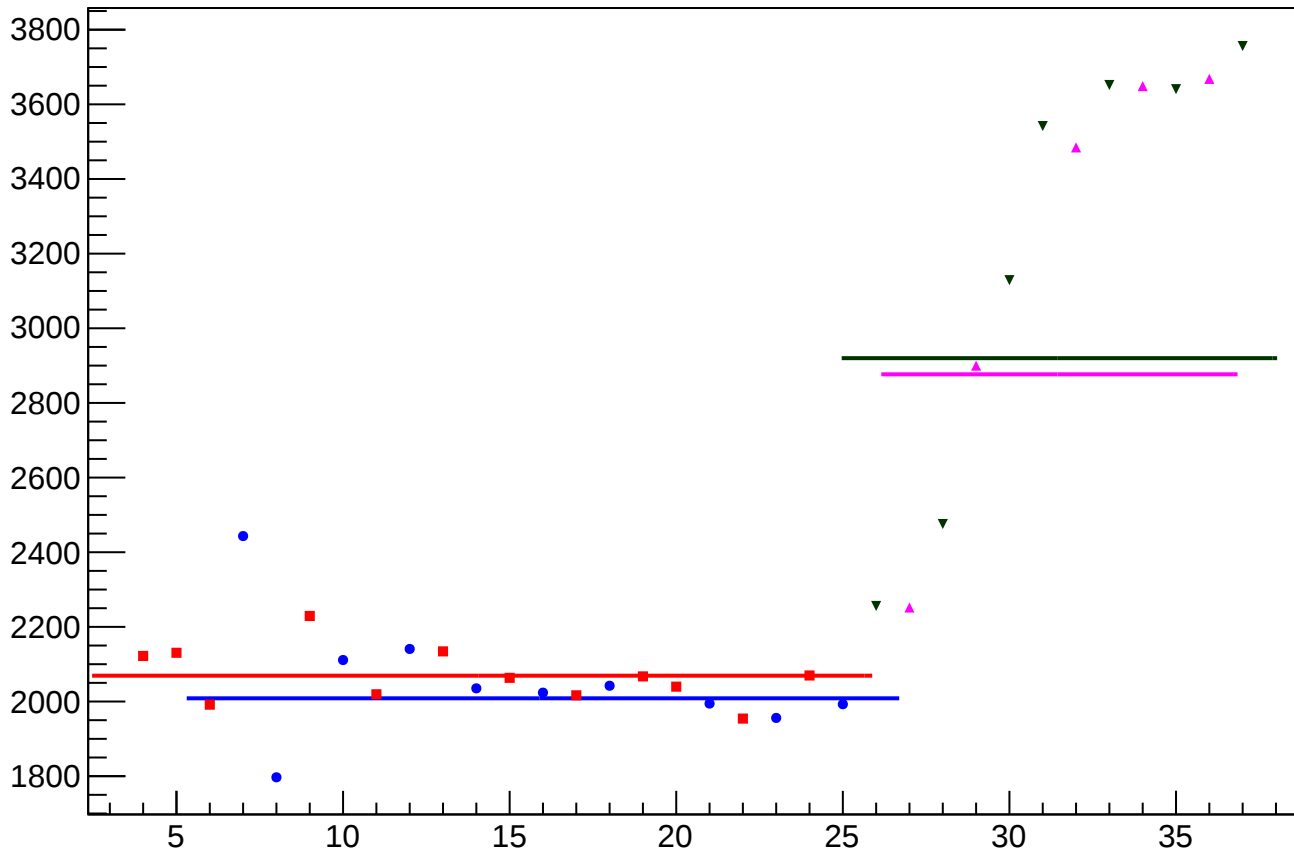
Right Out: 23.530 $\pm$ 0.818 χ^2 /NDF: 140.9/11

Left In: -3.755 $\pm$ 1.548 χ^2 /NDF:166.8/4

33.638 $\pm$ 0.705 χ^2 /NDF: 1901.1/16

17.566 $\pm$ 0.724 χ^2 /NDF: 550.6/16

diff_bpm0l01Y_rms vs slug



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

Left Out: 2919.931+/-1.095 χ^2/NDF : 295419.0/6

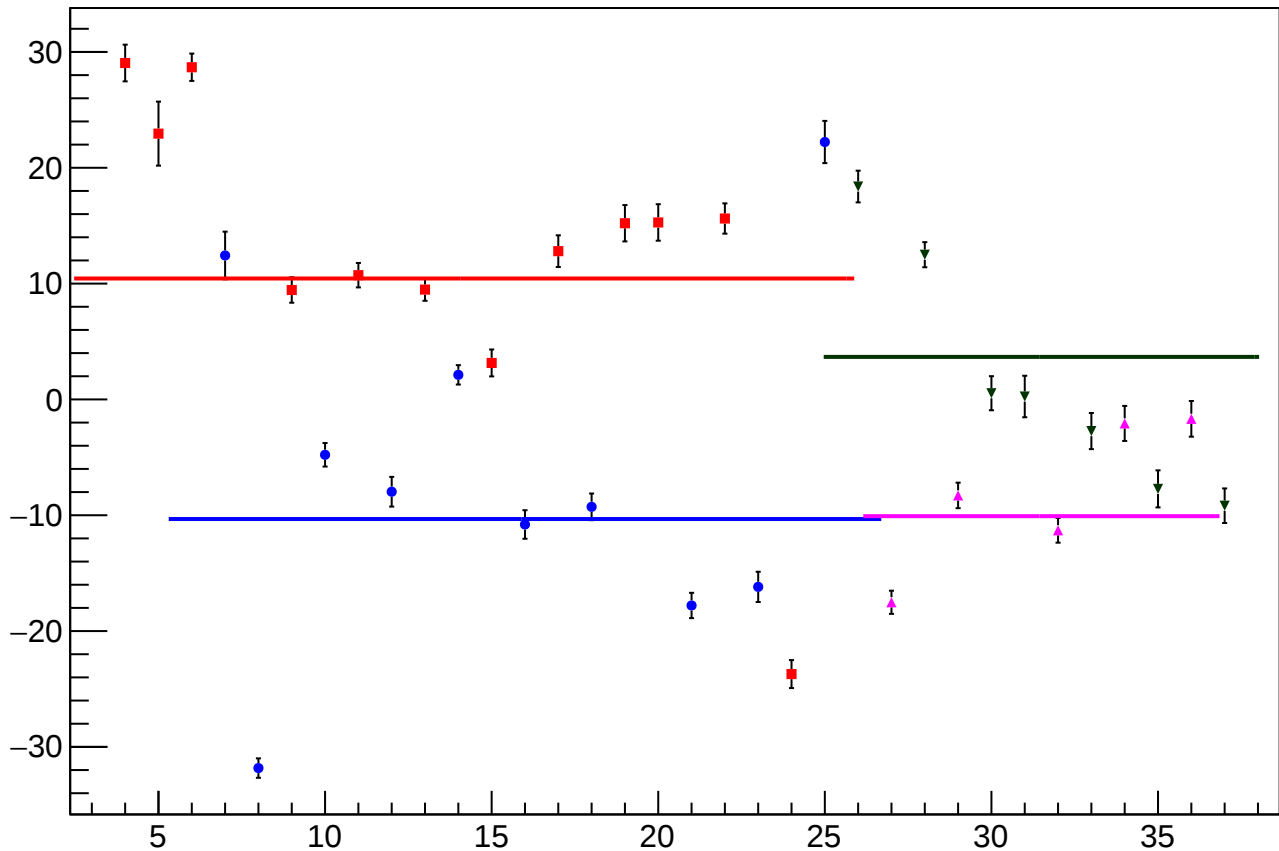
Right Out: 2069.229+/-0.579 χ^2/NDF : 17317.7/11

Left In: 2876.698+/-1.094 χ^2/NDF : 277200.4/4

2197.394+/-0.498 χ^2/NDF : 896678.9/16

2245.722+/-0.512 χ^2/NDF : 720004.6/16

diff_bpm2i01X_mean vs slug



Right In: -10.326 ± 0.358 $\chi^2/\text{NDF}: 1420.3/9$

Left Out: 3.672 ± 0.542 $\chi^2/\text{NDF}: 331.7/6$

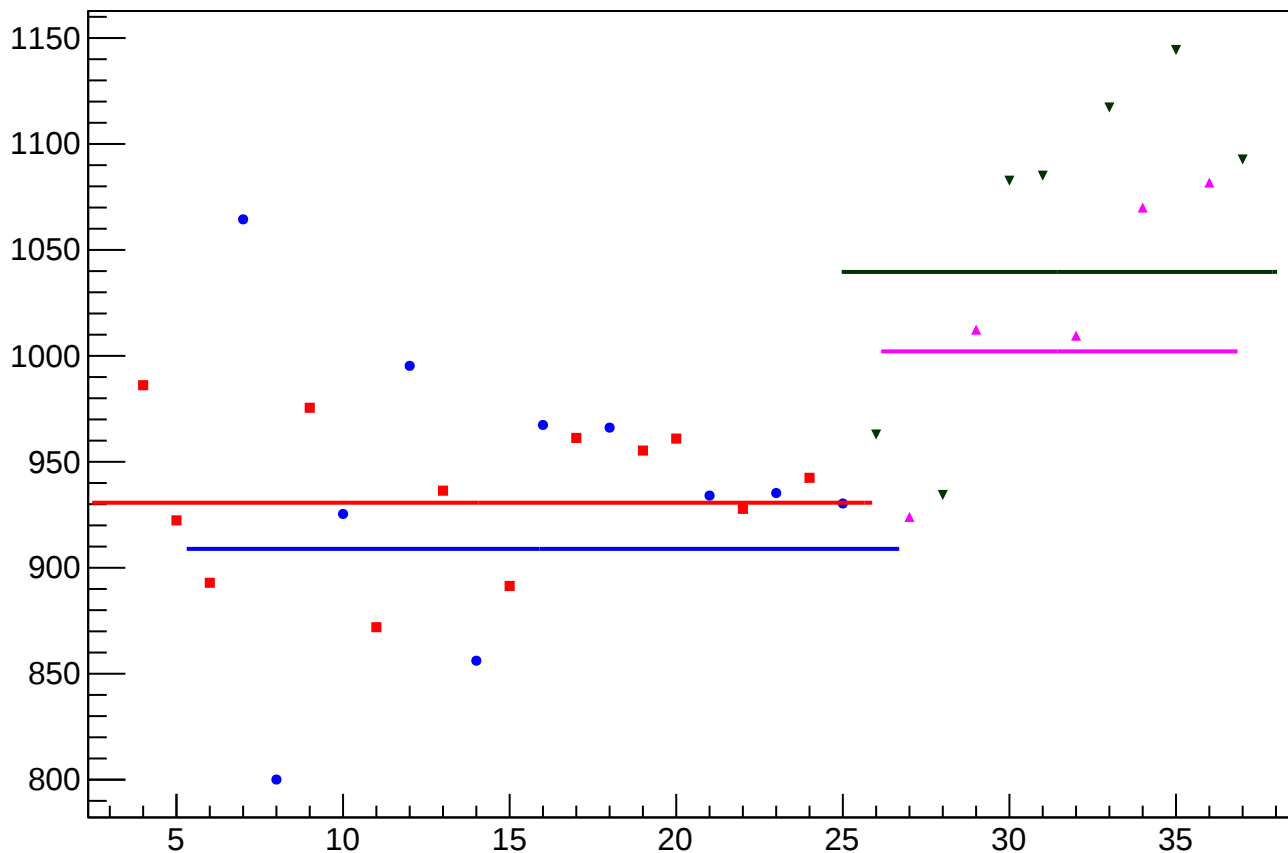
Right Out: 10.440 ± 0.368 $\chi^2/\text{NDF}: 1273.2/11$

Left In: -10.080 ± 0.530 $\chi^2/\text{NDF}: 117.1/4$

-6.067 ± 0.299 $\chi^2/\text{NDF}: 2216.8/16$

3.768 ± 0.302 $\chi^2/\text{NDF}: 2402.4/16$

diff_bpm2i01X_rms vs slug



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

Left Out: 1039.615+/-0.383 χ^2/NDF : 44201.4/6

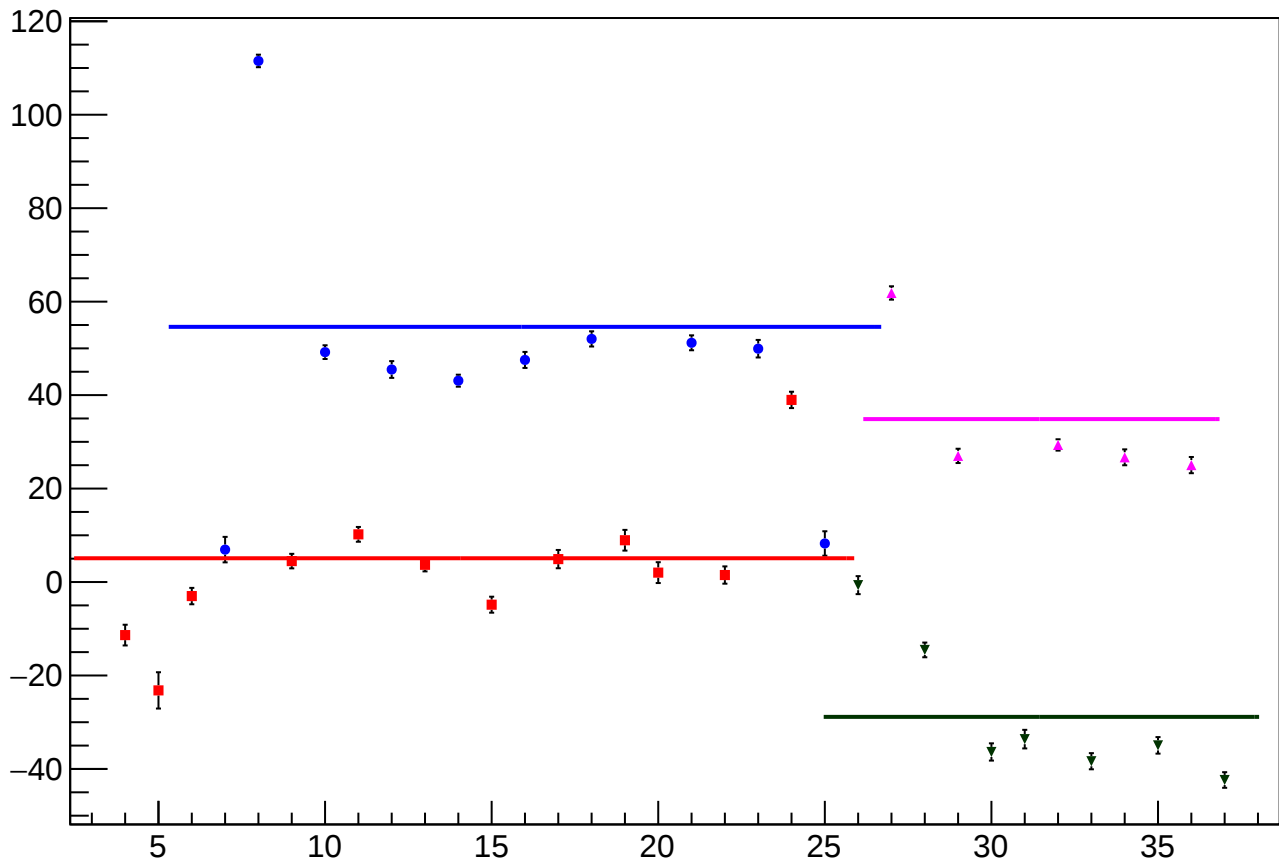
Right Out: 930.706+/-0.260 χ^2/NDF : 18818.7/11

Left In: 1002.123+/-0.375 χ^2/NDF : 21872.4/4

948.685+/-0.211 χ^2/NDF : 199470.4/16

953.928+/-0.214 χ^2/NDF : 65209.4/16

diff_bpm2i01Y_mean vs slug



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

Left Out: -28.856 $\pm$ 0.669 χ^2 /NDF: 426.5/6

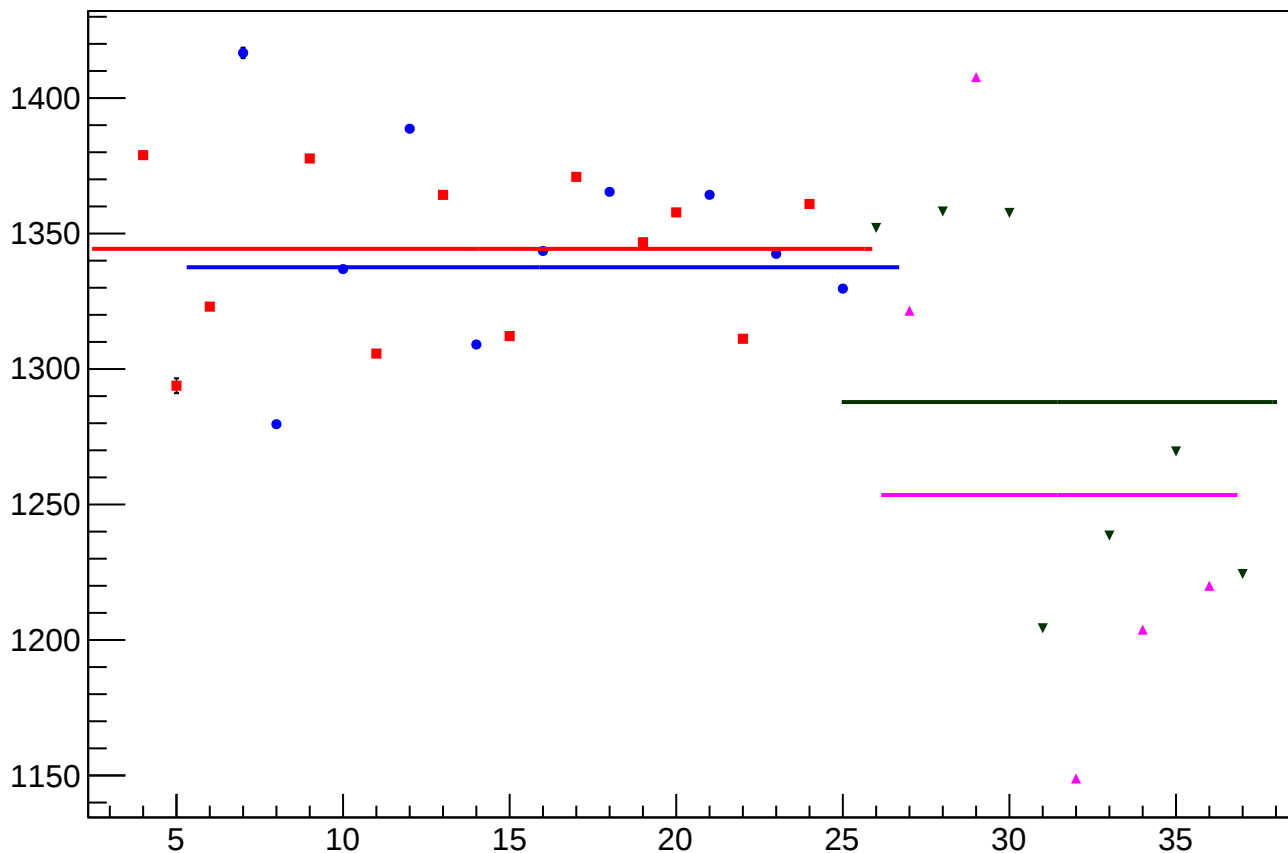
Right Out: 5.087 $\pm$ 0.532 χ^2 /NDF: 559.1/11

Left In: 34.867 $\pm$ 0.663 χ^2 /NDF: 459.2/4

22.734 $\pm$ 0.414 χ^2 /NDF: 12604.9/16

16.737 $\pm$ 0.415 χ^2 /NDF: 2245.6/16

diff_bpm2i01Y_rms vs slug



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

Left Out: 1287.810 ± 0.473 χ^2/NDF : 17325.6/6

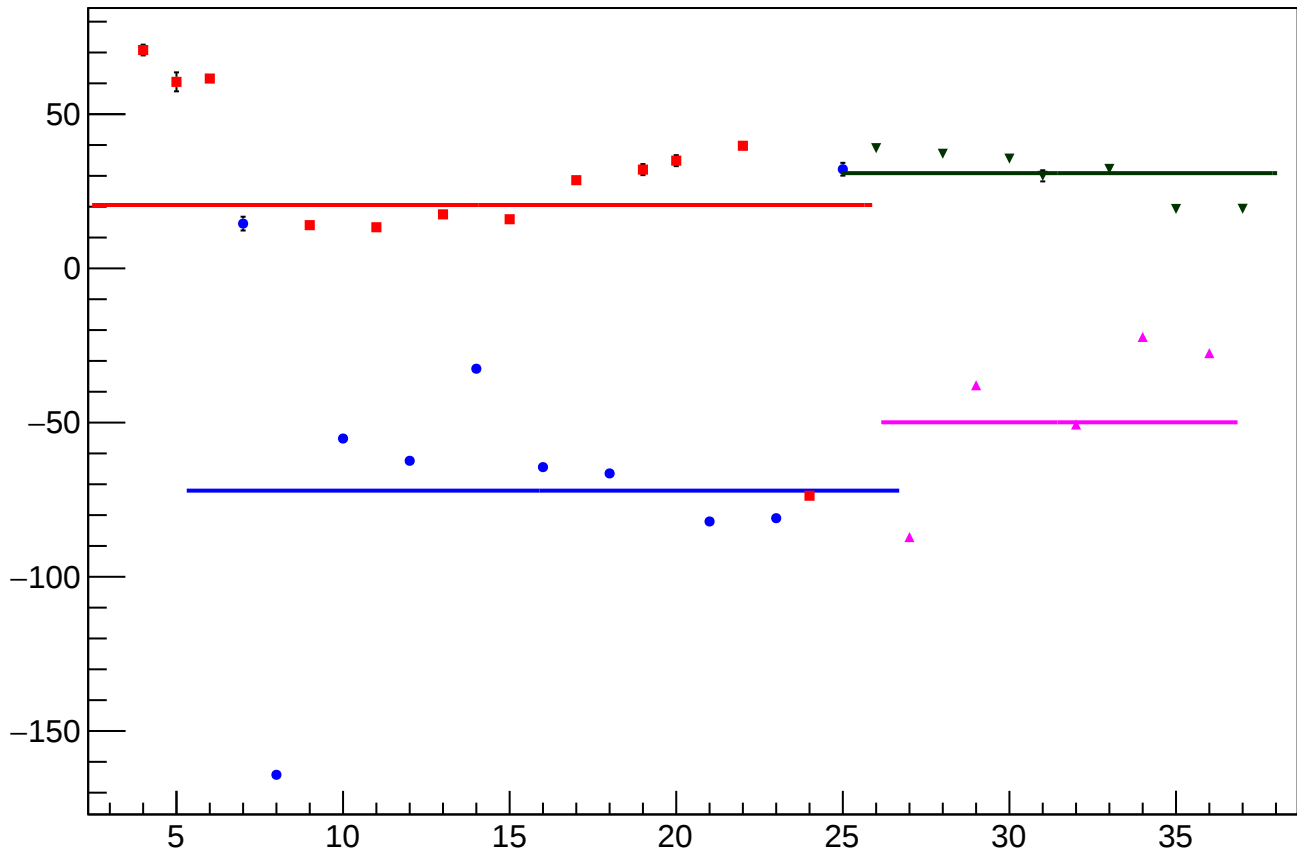
Right Out: 1344.349 ± 0.376 χ^2/NDF : 5607.5/11

Left In: 1253.500 ± 0.469 χ^2/NDF : 42167.8/4

1318.561 ± 0.293 χ^2/NDF : 33380.3/16

1308.809 ± 0.293 χ^2/NDF : 70618.9/16

diff_bpm2i02X_mean vs slug



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

Left Out: 30.882 ± 0.576 $\chi^2/\text{NDF}: 174.6/6$

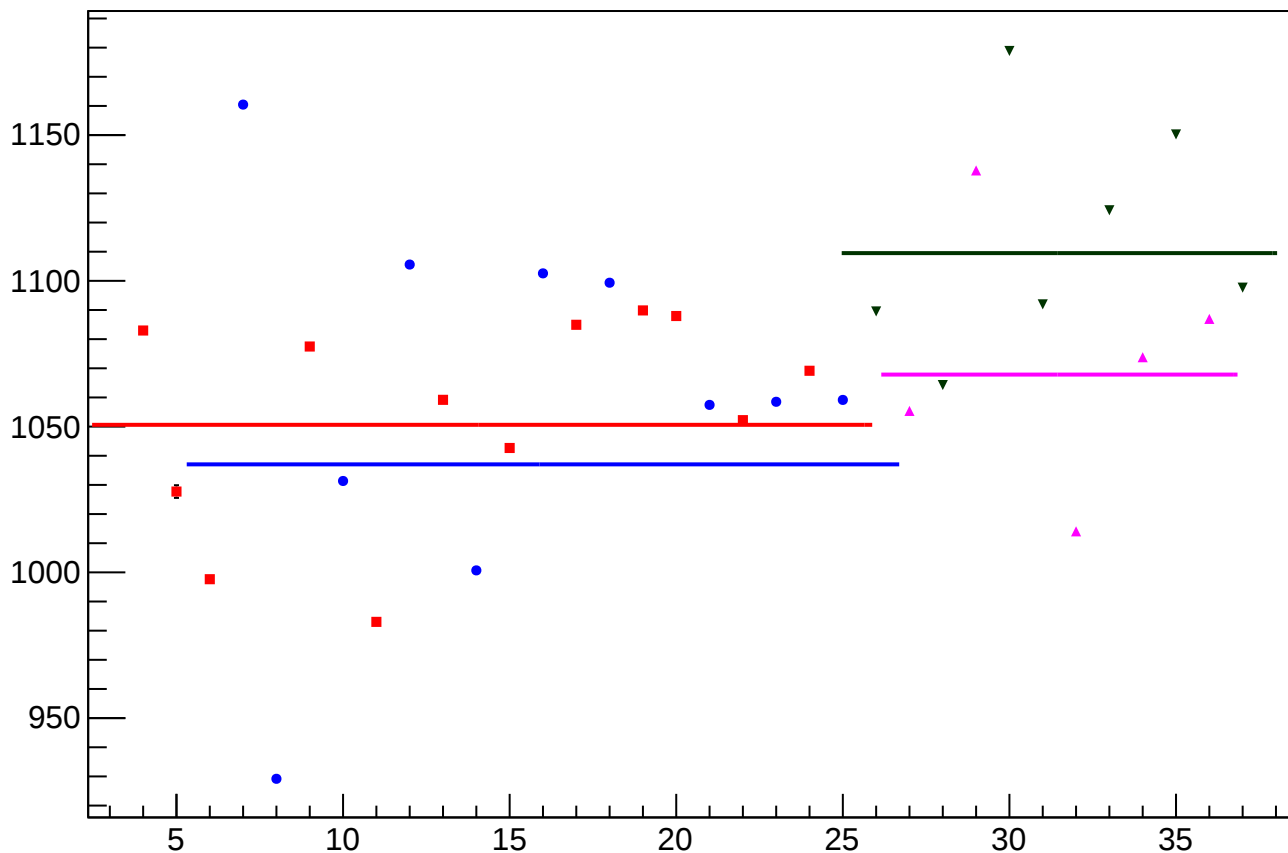
Right Out: 20.554 ± 0.415 $\chi^2/\text{NDF}: 7076.4/11$

Left In: -49.906 ± 0.564 $\chi^2/\text{NDF}: 1702.0/4$

-37.691 ± 0.333 $\chi^2/\text{NDF}: 36454.8/16$

-4.198 ± 0.334 $\chi^2/\text{NDF}: 18902.1/16$

diff_bpm2i02X_rms vs slug



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

Left Out: 1109.515 $\pm$ 0.408 χ^2 /NDF:8560.7/6

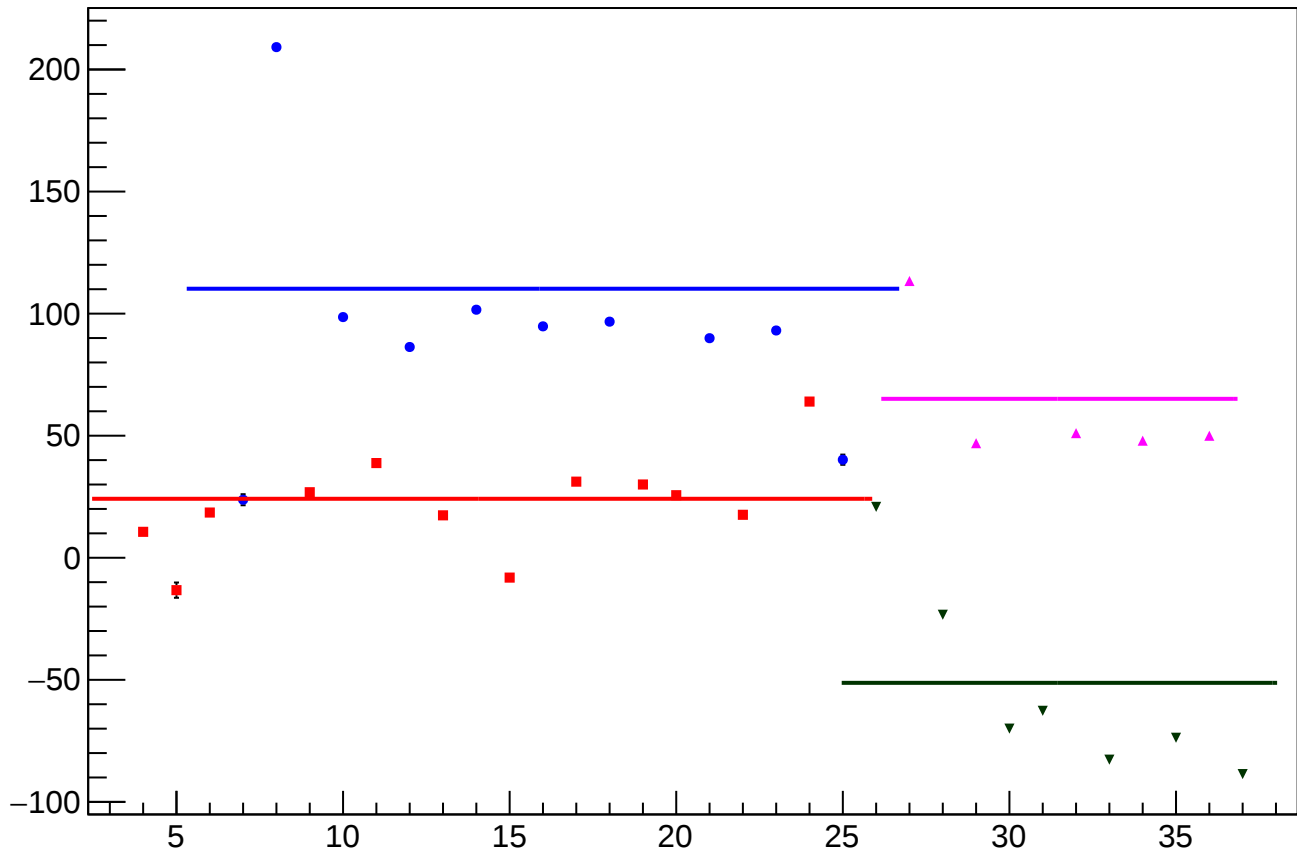
Right Out: 1050.613 $\pm$ 0.293 χ^2 /NDF: 14851.7/11

Left In: 1067.847 $\pm$ 0.399 χ^2 /NDF:12015.9/4

1061.243 $\pm$ 0.235 χ^2 /NDF: 77771.7/16

1056.667 $\pm$ 0.236 χ^2 /NDF: 28078.9/16

diff_bpm2i02Y_mean vs slug



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

Left Out: -51.231 $\pm$ 0.580 χ^2 /NDF: 4045.7/6

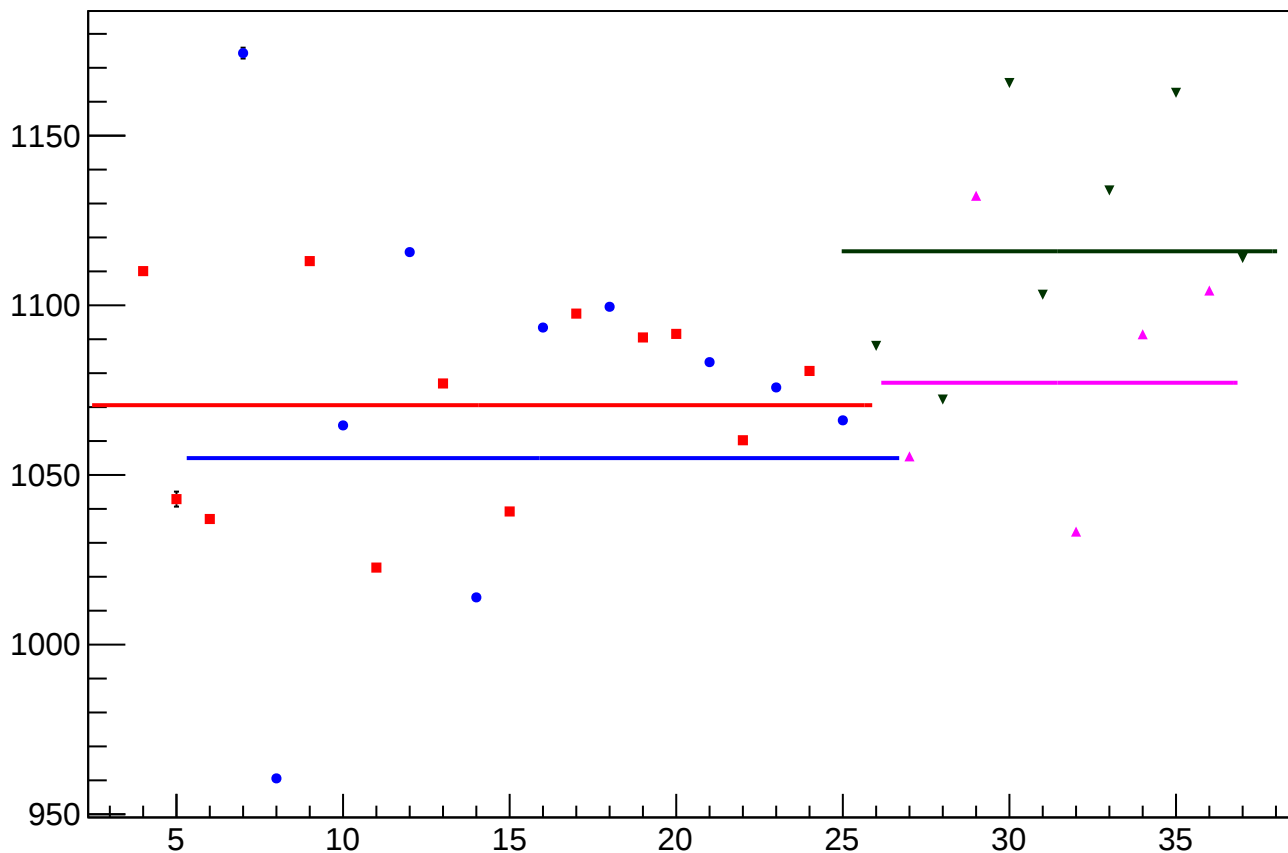
Right Out: 24.160 $\pm$ 0.423 χ^2 /NDF: 1842.7/11

Left In: 65.101 $\pm$ 0.569 χ^2 /NDF: 2390.2/4

55.476 $\pm$ 0.337 χ^2 /NDF: 68639.0/16

38.743 $\pm$ 0.339 χ^2 /NDF: 7570.1/16

diff_bpm2i02Y_rms vs slug



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

Left Out: 1115.923 $\pm$ 0.410 χ^2 /NDF: 7104.8/6

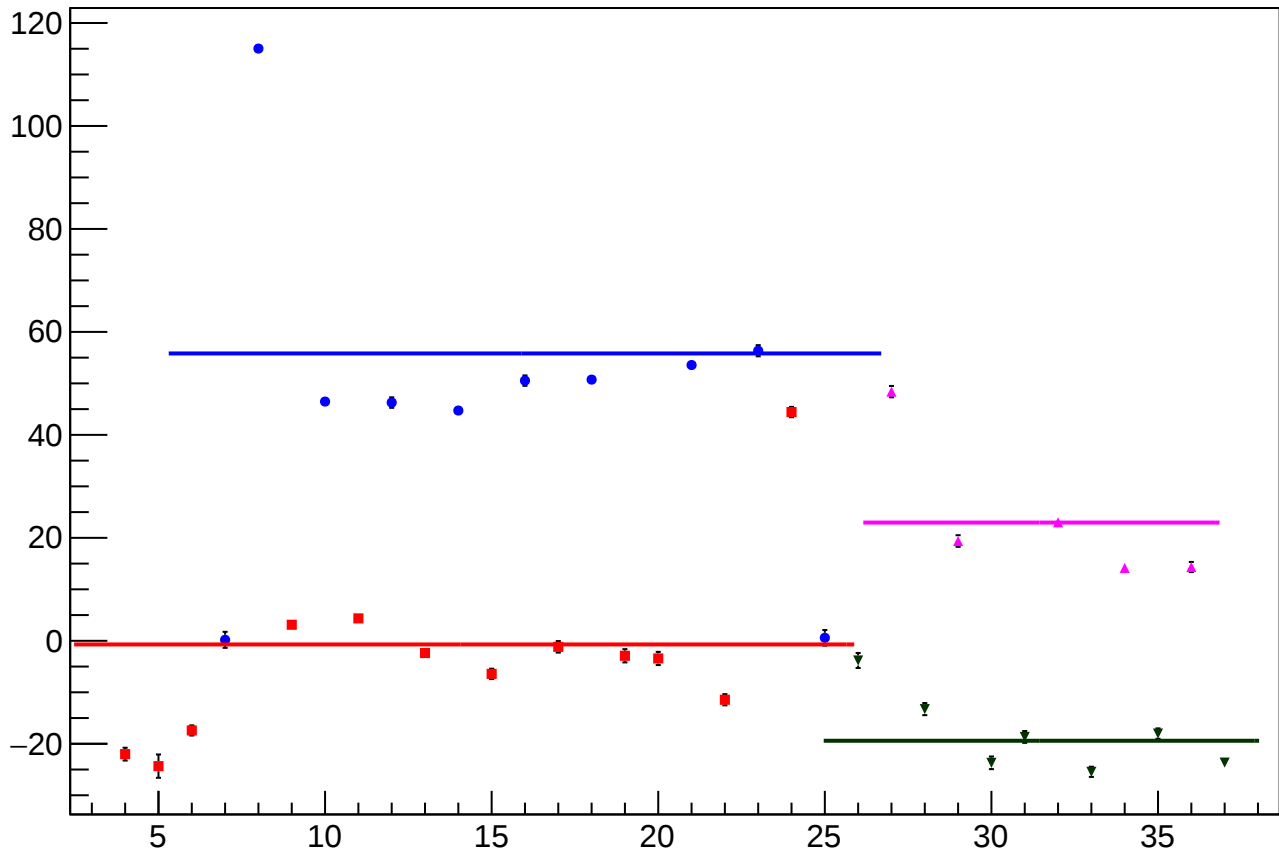
Right Out: 1070.566 $\pm$ 0.299 χ^2 /NDF: 10075.5/11

Left In: 1077.176 $\pm$ 0.402 χ^2 /NDF: 8731.4/4

1075.632 $\pm$ 0.239 χ^2 /NDF: 57268.8/16

1072.921 $\pm$ 0.240 χ^2 /NDF: 18980.9/16

diff_bpm1i04X_mean vs slug



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

Left Out: -19.413 $\pm$ 0.418 χ^2 /NDF: 212.6/6

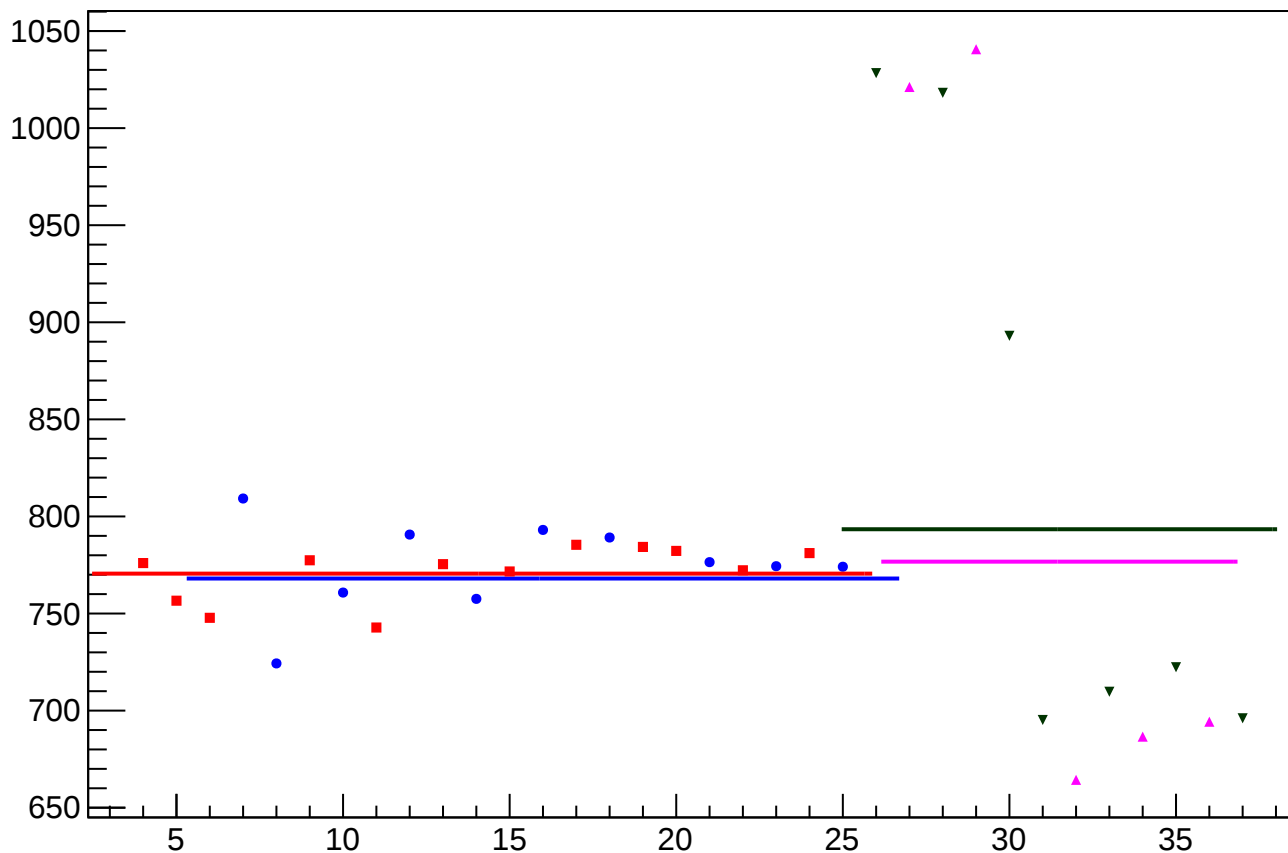
Right Out: -0.705 $\pm$ 0.304 χ^2 /NDF: 2908.1/11

Left In: 22.968 $\pm$ 0.418 χ^2 /NDF: 701.5/4

30.058 $\pm$ 0.245 χ^2 /NDF: 30728.4/16

7.492 $\pm$ 0.246 χ^2 /NDF: 5707.2/16

diff_bpm1i04X_rms vs slug



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

Left Out: 793.411 ± 0.296 χ^2/NDF : 197658.3/6

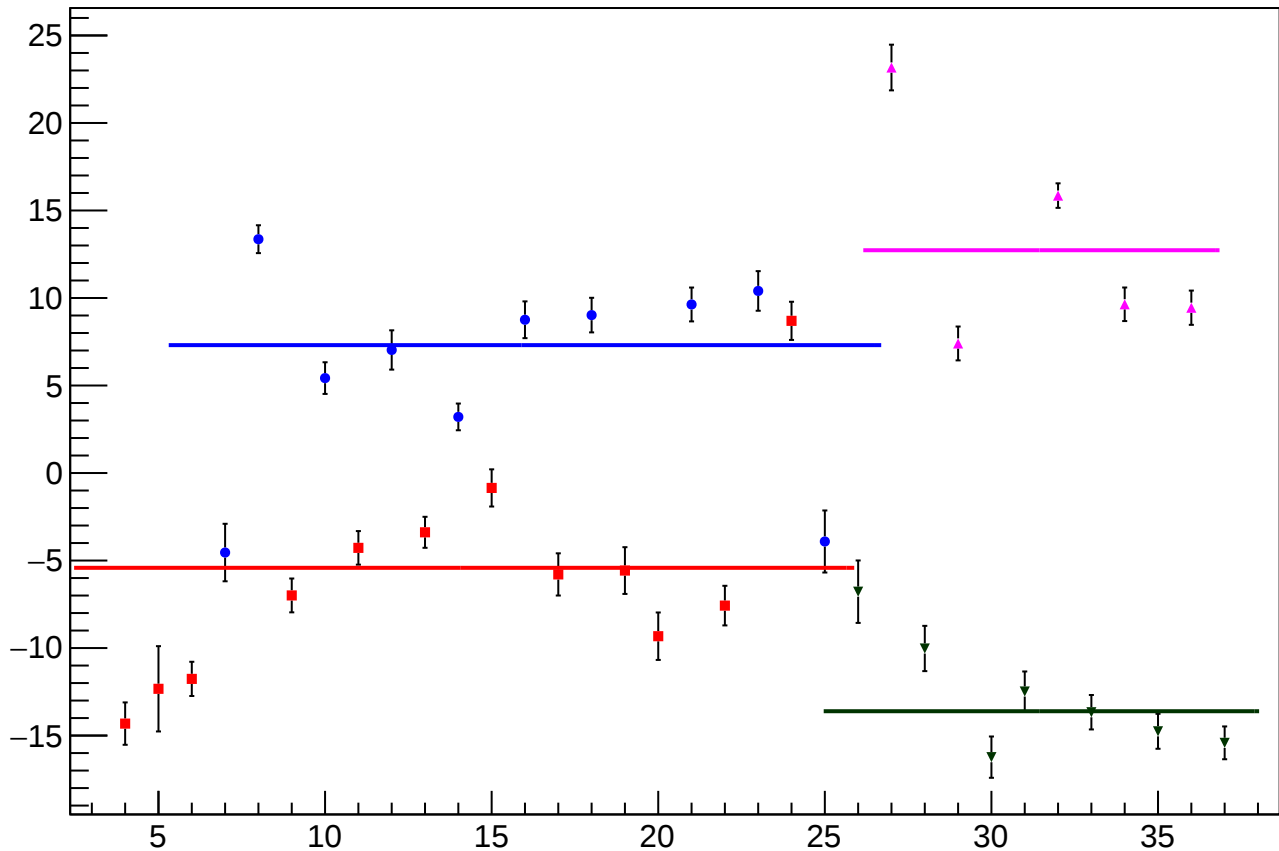
Right Out: 770.550 ± 0.215 χ^2/NDF : 4259.5/11

Left In: 776.717 ± 0.296 χ^2/NDF : 290143.6/4

776.718 ± 0.173 χ^2/NDF : 214620.5/16

772.685 ± 0.174 χ^2/NDF : 294687.8/16

diff_bpm1i04Y_mean vs slug



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

Left Out: -13.609 ± 0.424 χ^2/NDF : 33.3/6

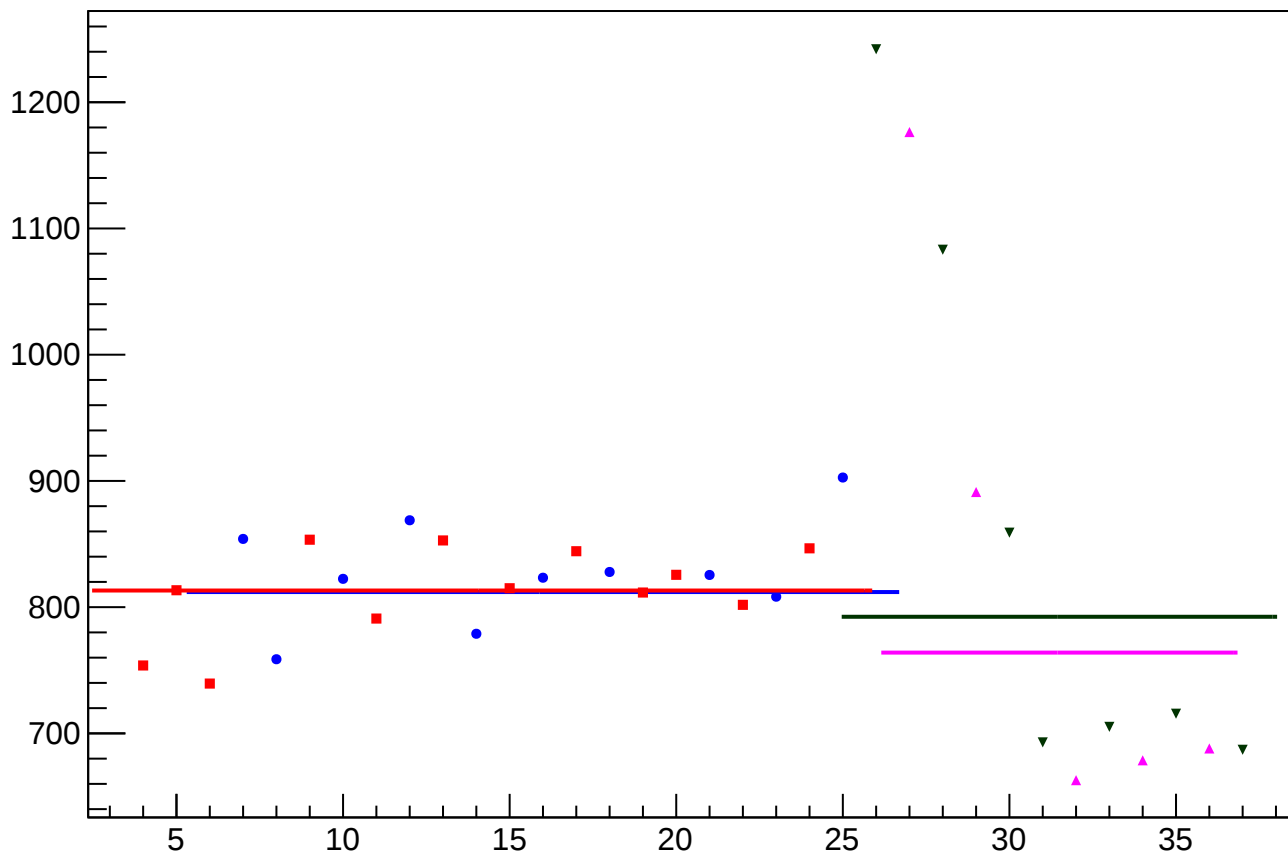
Right Out: -5.416 ± 0.322 χ^2/NDF : 311.5/11

Left In: 12.729 ± 0.414 χ^2/NDF : 135.8/4

-0.283 ± 0.255 χ^2/NDF : 1786.7/16

1.422 ± 0.254 χ^2/NDF : 1642.1/16

diff_bpm1i04Y_rms vs slug



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

Left Out: 792.389+/-0.300 χ^2/NDF :302451.1/6

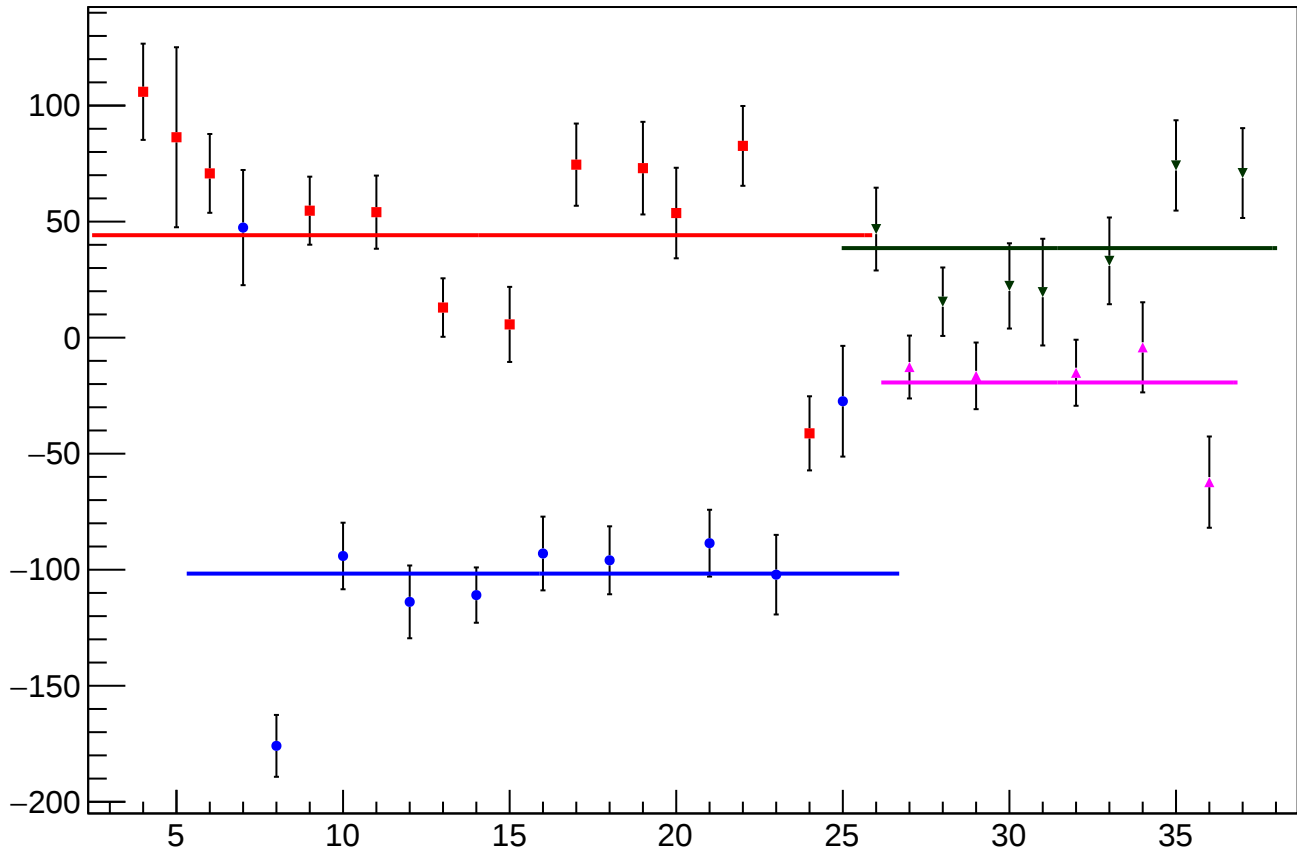
Right Out: 813.189+/-0.228 χ^2/NDF : 28331.0/11

Left In: 764.006+/-0.293 χ^2/NDF :303650.0/4

804.866+/-0.181 χ^2/NDF : 330968.6/16

794.653+/-0.180 χ^2/NDF : 349538.4/16

diff_bpm0l02X_mean vs slug



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

Left Out: 38.585 $\pm$ 6.939 χ^2 /NDF:10.4/6

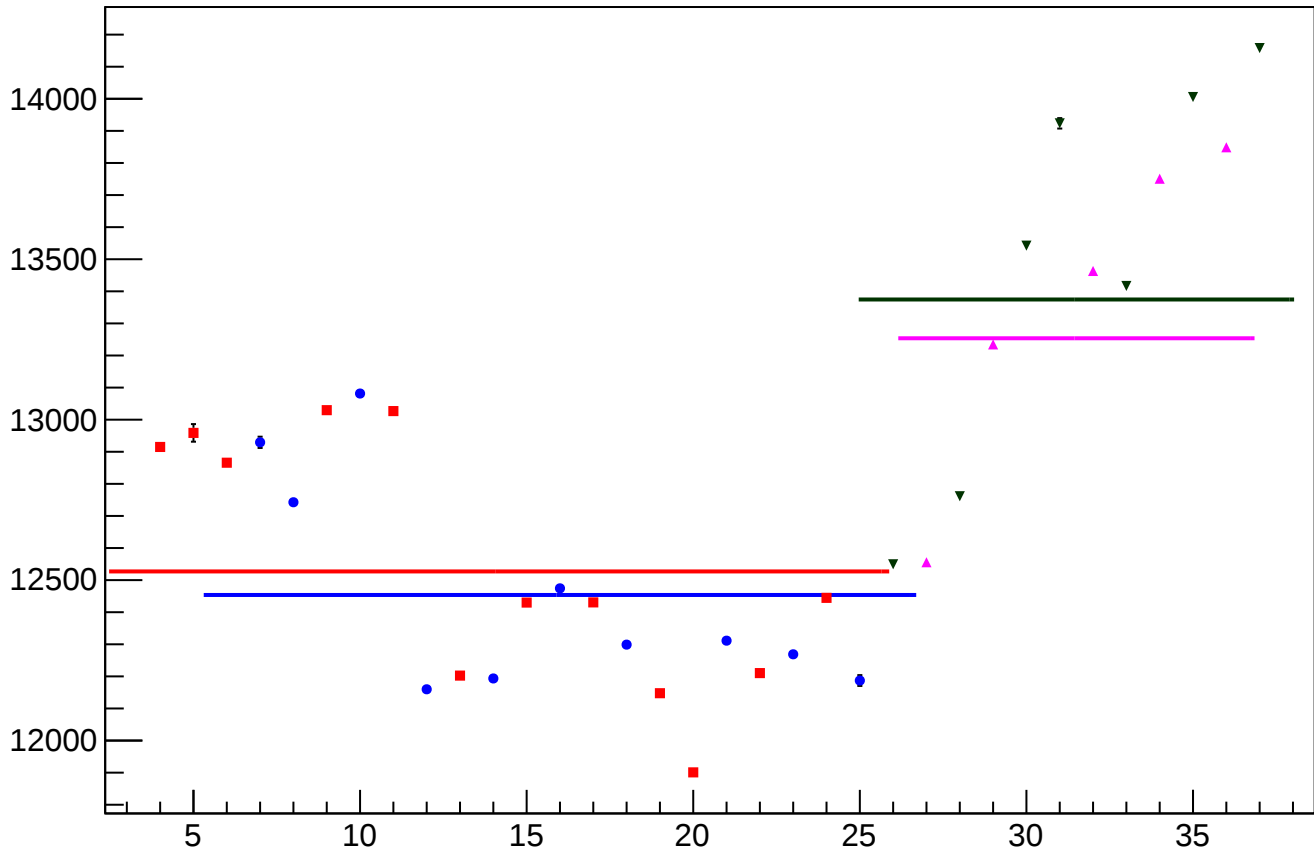
Right Out: 44.144 $\pm$ 4.946 χ^2 /NDF: 64.1/11

Left In: -19.318 $\pm$ 6.988 χ^2 /NDF:5.7/4

-55.147 $\pm$ 3.996 χ^2 /NDF: 363.0/16

22.966 $\pm$ 4.037 χ^2 /NDF: 124.8/16

diff_bpm0l02X_rms vs slug



Right In: 12453.727 $\pm$ 3.457 χ^2 /NDF: 8070.4/9

Left Out: 13374.557 $\pm$ 4.907 χ^2 /NDF:14435.4/6

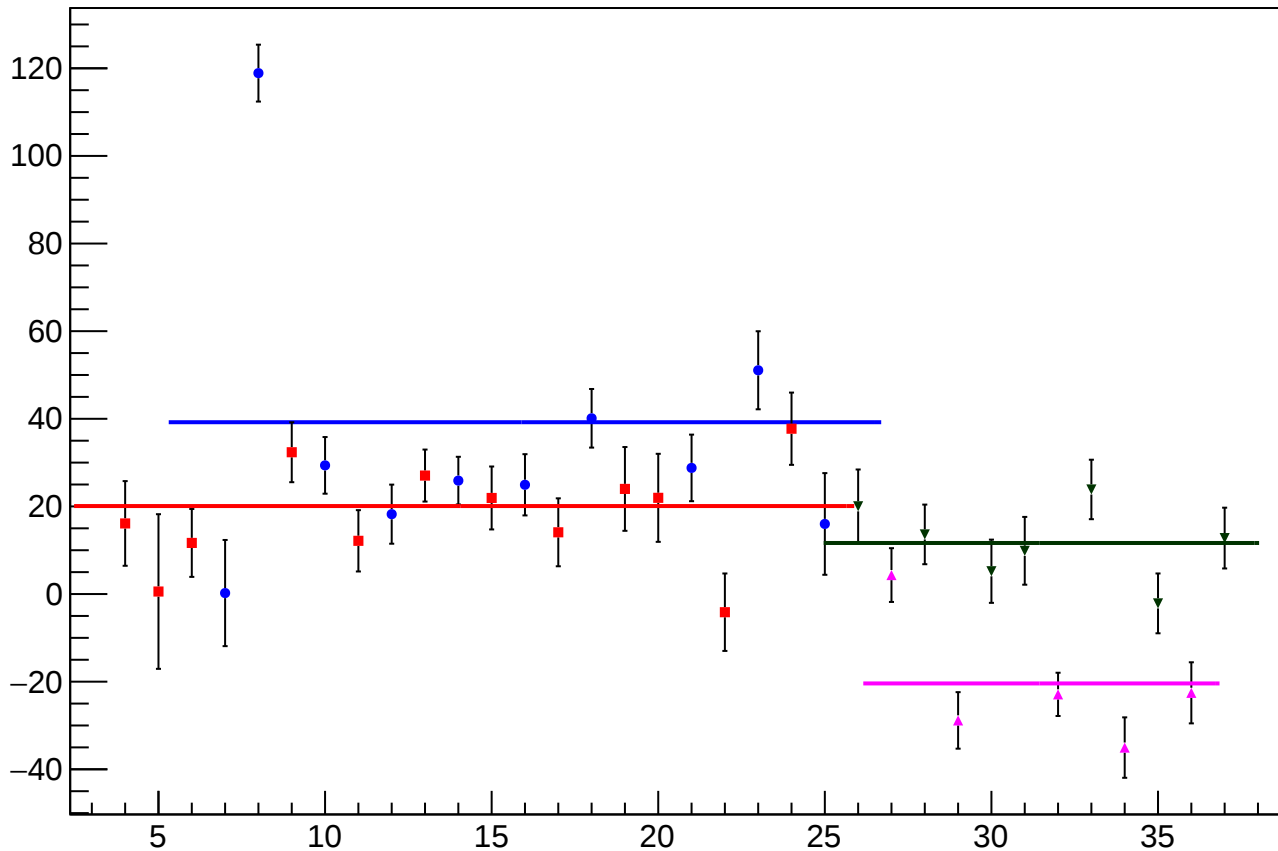
12759.179 $\pm$ 2.826 χ^2 /NDF: 46043.7/16

Right Out: 12527.068 $\pm$ 3.497 χ^2 /NDF: 11080.0/11

12769.542 $\pm$ 2.855 χ^2 /NDF: 34376.1/16

Left In: 13253.693 $\pm$ 4.942 χ^2 /NDF:8889.4/4

diff_bpm0l02Y_mean vs slug



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

Left Out: 11.655 $\pm$ 2.716 χ^2 /NDF: 9.3/6

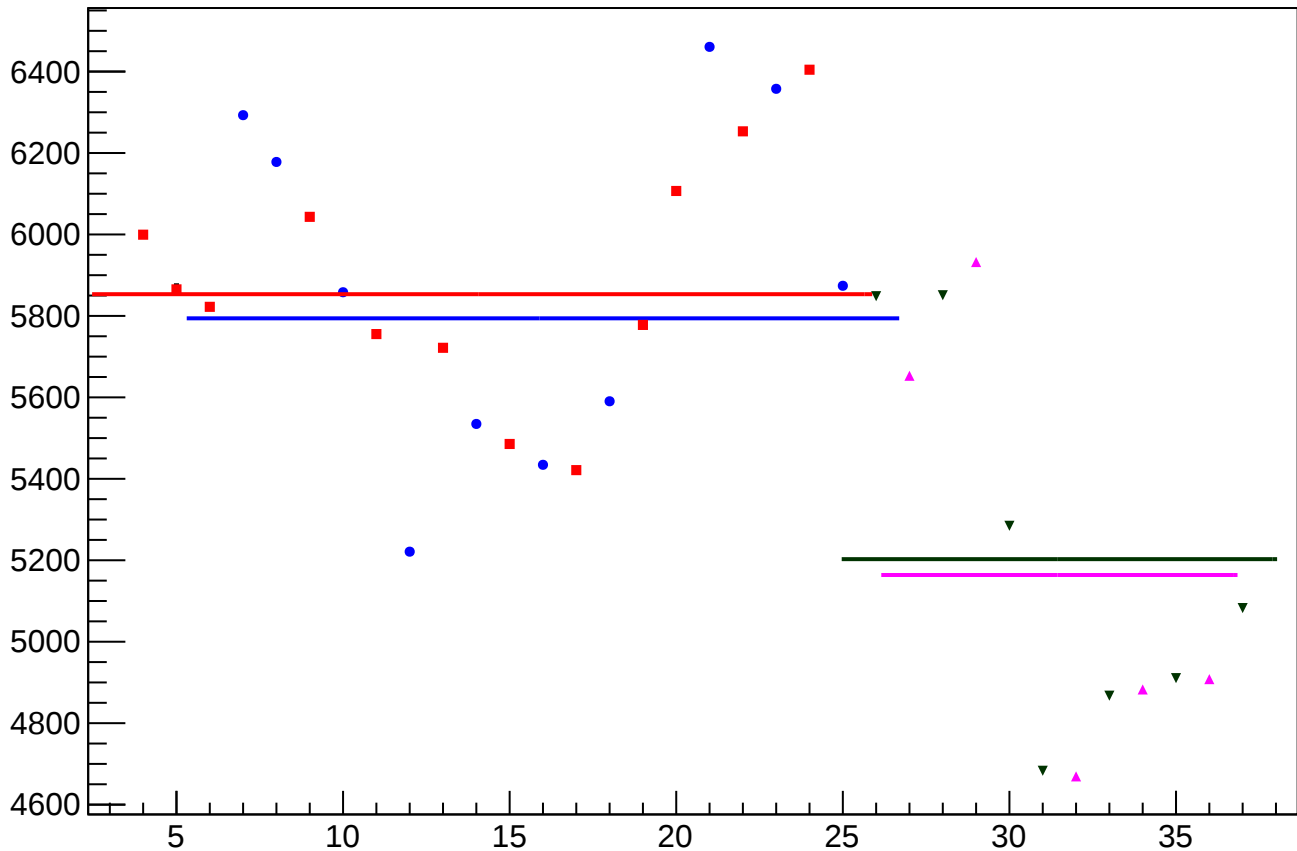
Right Out: 20.083 $\pm$ 2.324 χ^2 /NDF: 21.4/11

Left In: -20.404 $\pm$ 2.740 χ^2 /NDF: 22.8/4

27.754 $\pm$ 1.751 χ^2 /NDF: 260.2/16

3.141 $\pm$ 1.772 χ^2 /NDF: 171.2/16

diff_bpm0l02Y_rms vs slug



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

Left Out: 5202.748+/-1.920 χ^2/NDF : 48374.1/6

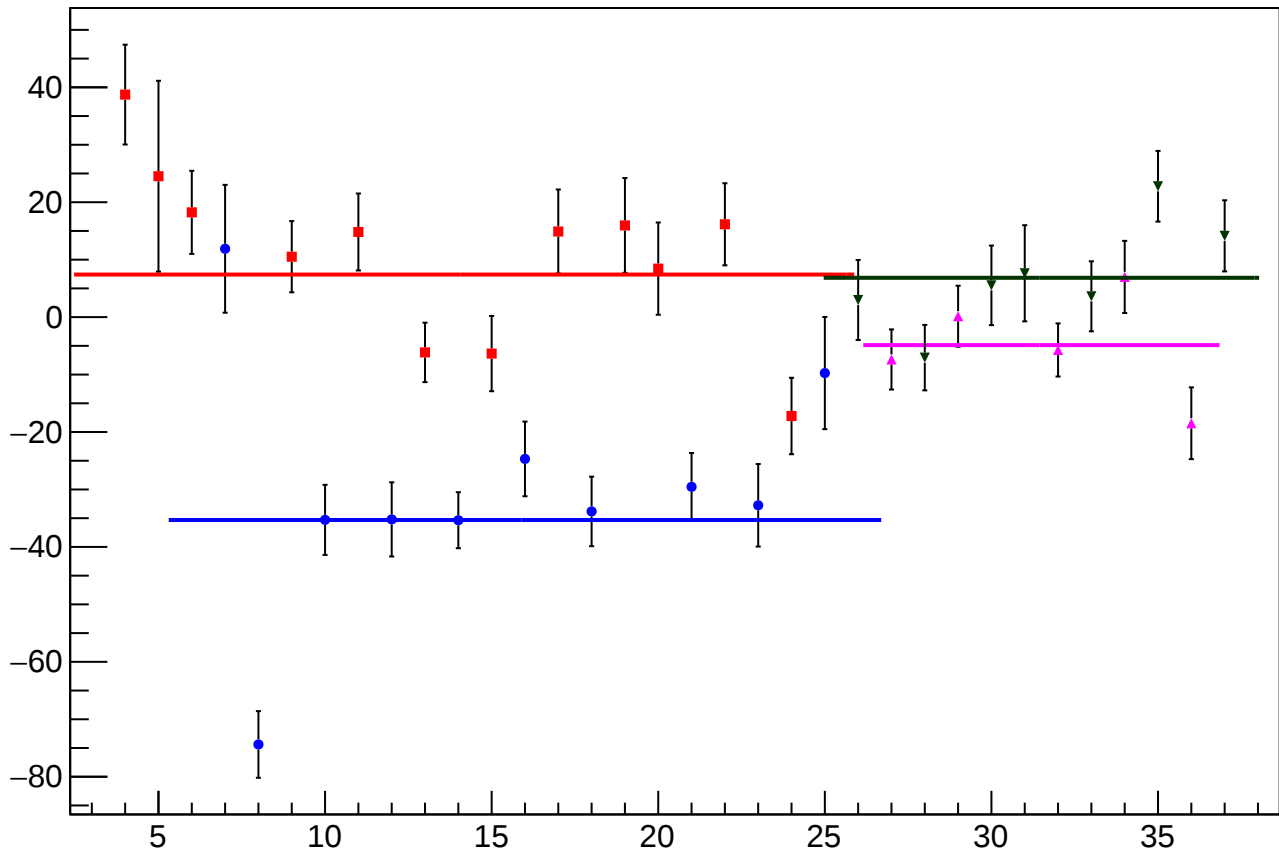
Right Out: 5853.344+/-1.643 χ^2/NDF : 29282.6/11

Left In: 5163.835+/-1.937 χ^2/NDF : 67175.5/4

5548.127+/-1.238 χ^2/NDF : 163974.8/16

5564.812+/-1.253 χ^2/NDF : 170126.3/16

diff_bpm0l03X_mean vs slug



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

Left Out: 6.846 ± 2.454 χ^2/NDF : 14.7/6

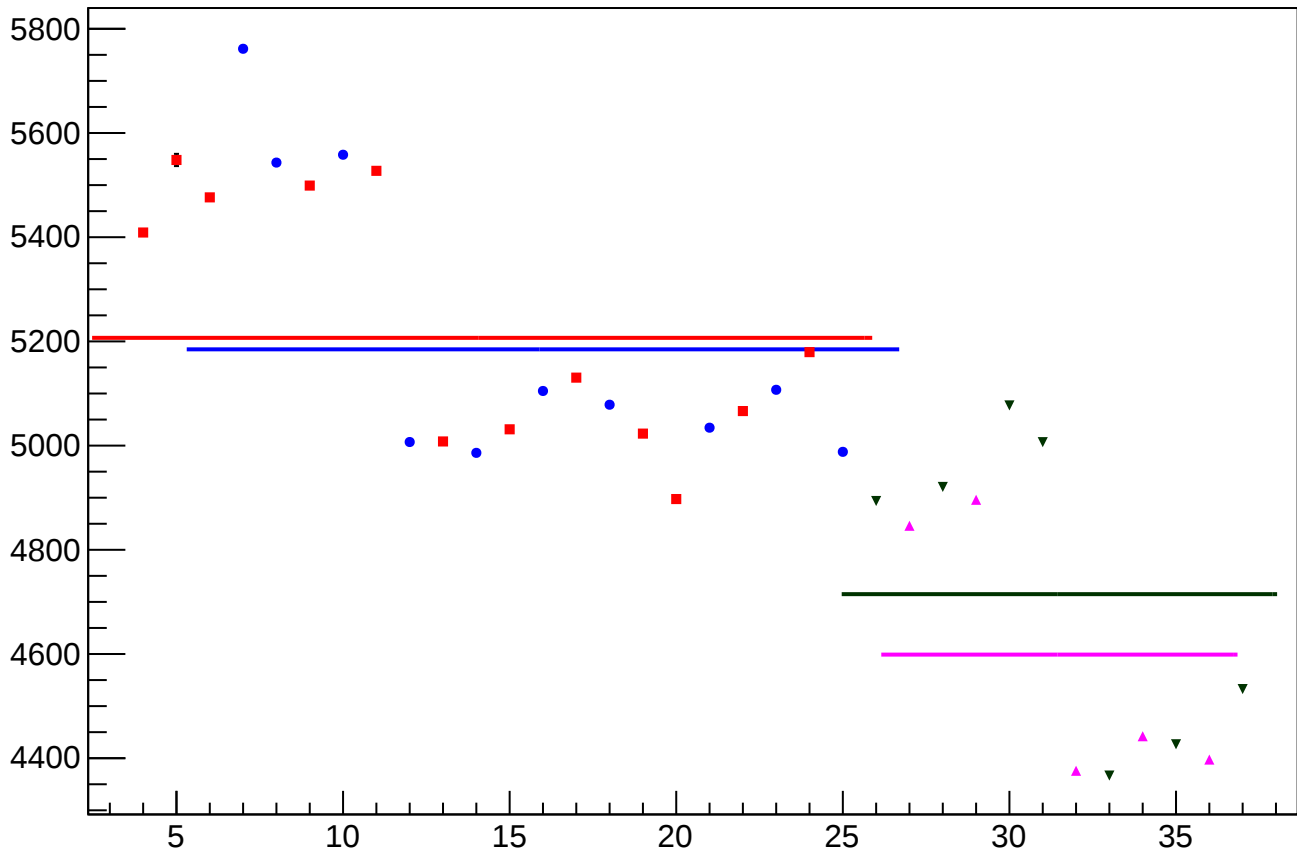
Right Out: 7.409 ± 2.058 χ^2/NDF : 46.4/11

Left In: -4.871 ± 2.427 χ^2/NDF : 9.5/4

-18.091 ± 1.568 χ^2/NDF : 263.3/16

2.272 ± 1.570 χ^2/NDF : 70.8/16

diff_bpm0l03X_rms vs slug



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

Left Out: 4714.888+/-1.735 χ^2/NDF :24490.8/6

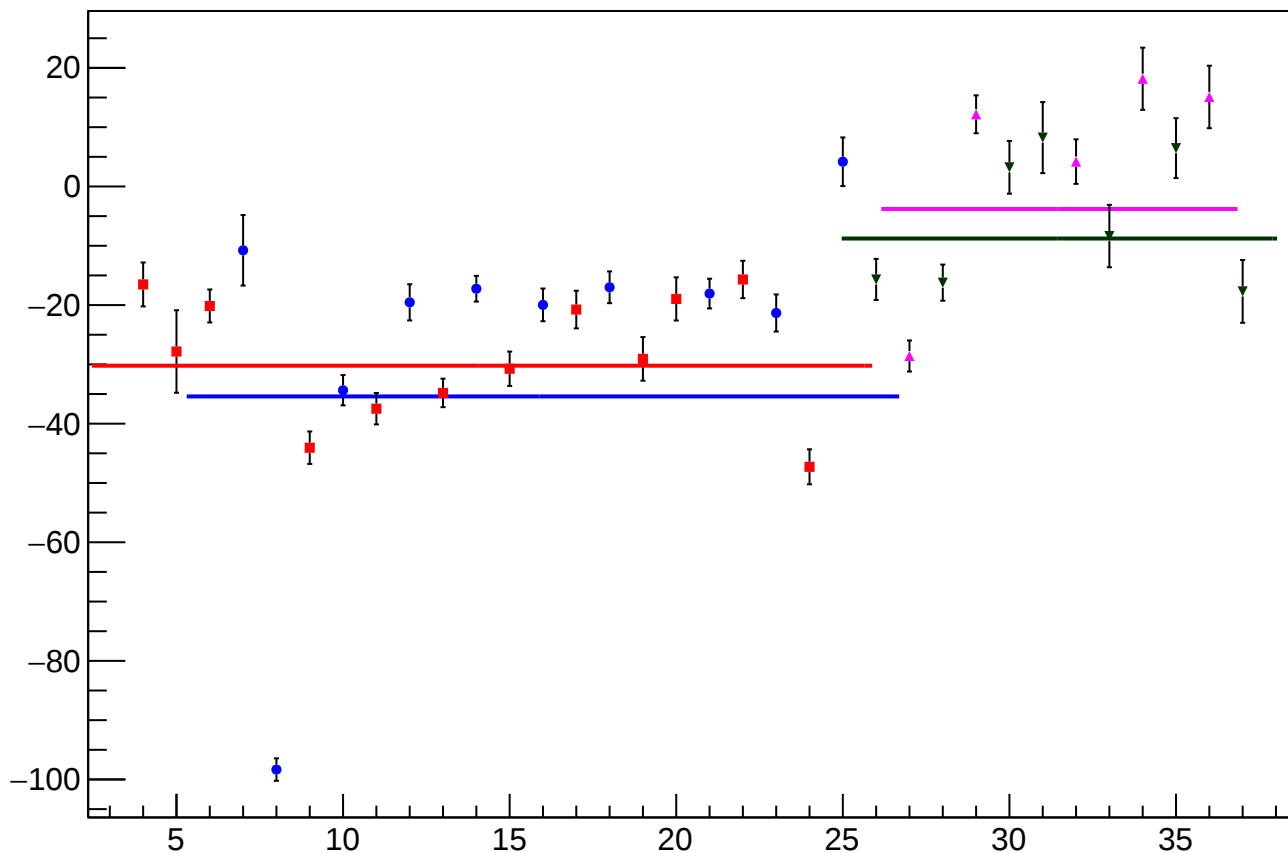
Right Out: 5206.838+/-1.455 χ^2/NDF : 23121.5/11

Left In: 4598.853+/-1.716 χ^2/NDF :18705.8/4

4992.810+/-1.109 χ^2/NDF : 96481.7/16

4952.534+/-1.110 χ^2/NDF : 114841.1/16

diff_bpm0l03Y_mean vs slug



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

Left Out: -8.775 ± 1.622 χ^2/NDF : 37.2/6

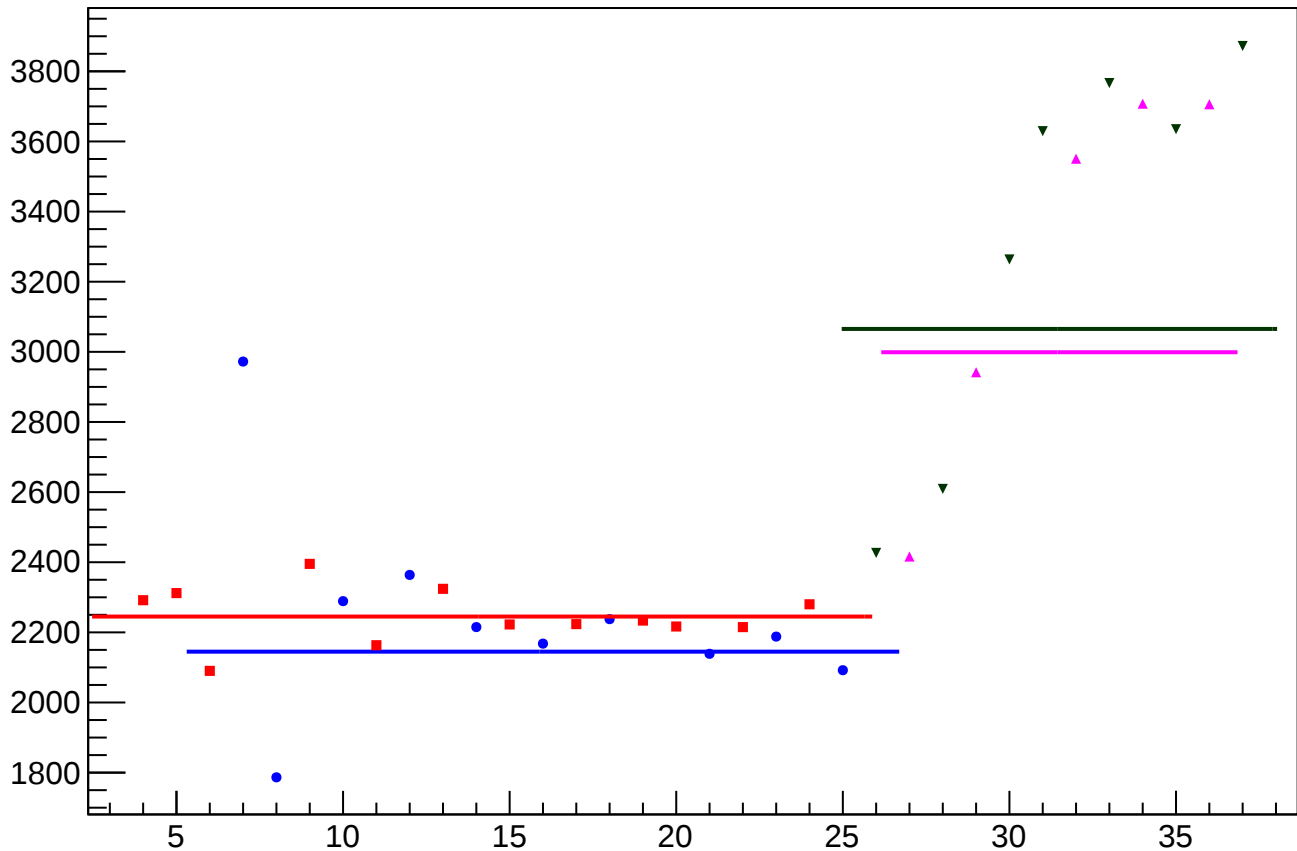
Right Out: -30.222 ± 0.893 χ^2/NDF : 136.9/11

Left In: -3.793 ± 1.607 χ^2/NDF : 149.5/4

-29.631 ± 0.756 χ^2/NDF : 1707.5/16

-23.994 ± 0.780 χ^2/NDF : 493.0/16

diff_bpm0l03Y_rms vs slug



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

Left Out: 3065.337+/-1.147 χ^2/NDF : 241512.2/6

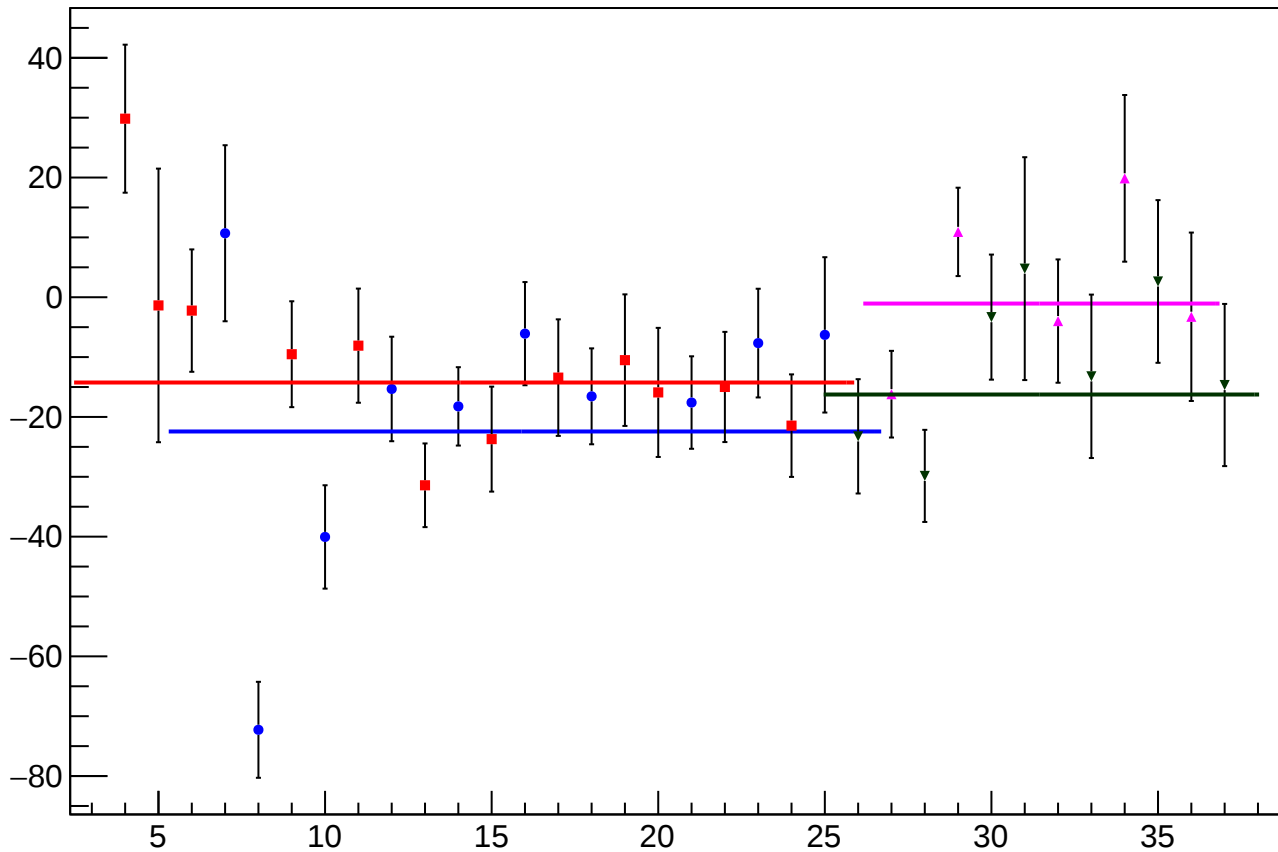
Right Out: 2245.118+/-0.631 χ^2/NDF : 17612.9/11

Left In: 2998.866+/-1.137 χ^2/NDF : 215377.6/4

2344.598+/-0.534 χ^2/NDF : 877861.2/16

2422.749+/-0.552 χ^2/NDF : 569118.3/16

diff_bpm0l04X_mean vs slug



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

Left Out: -16.252 ± 4.221 χ^2/NDF : 8.5/6

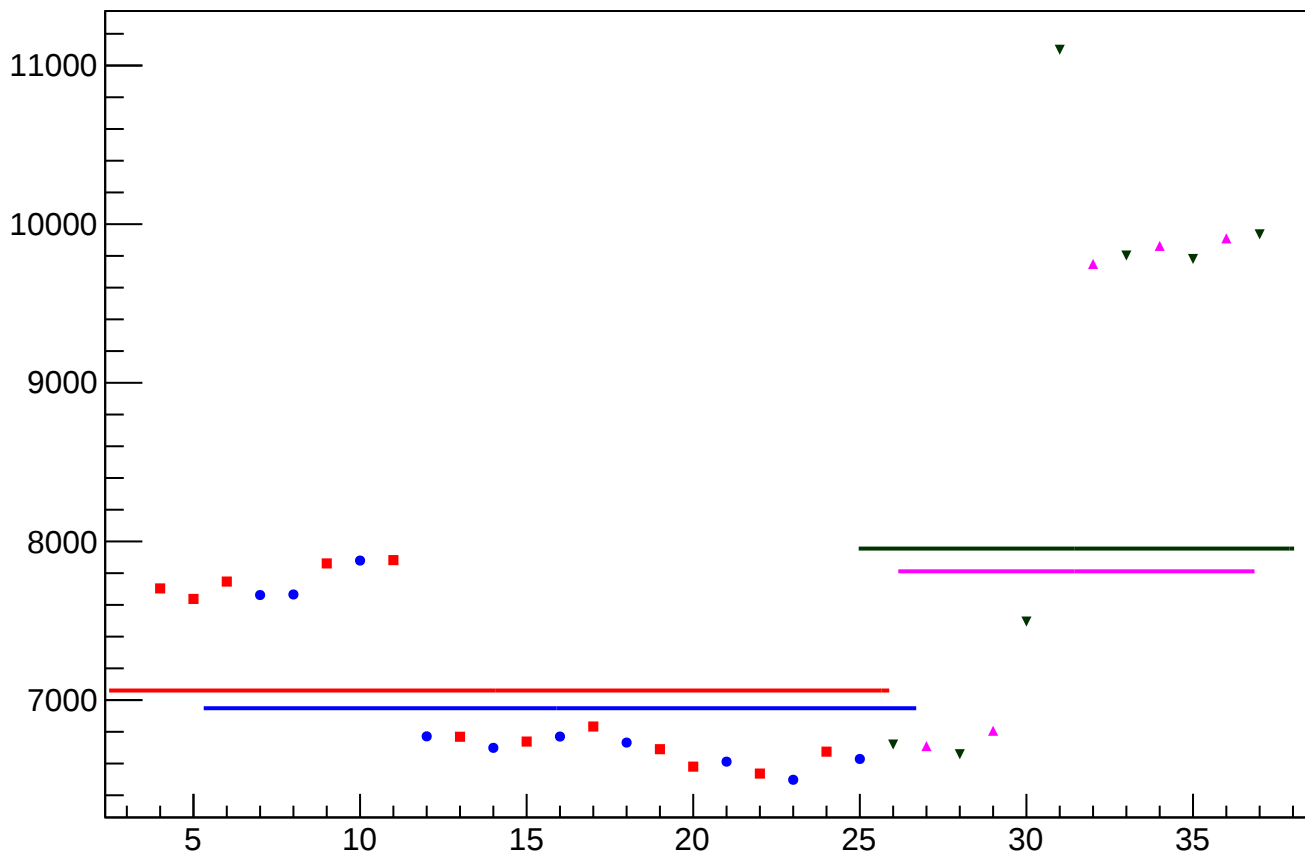
Right Out: -14.248 ± 2.794 χ^2/NDF : 23.2/11

Left In: -1.056 ± 4.187 χ^2/NDF : 9.4/4

-20.604 ± 2.294 χ^2/NDF : 67.6/16

-10.183 ± 2.324 χ^2/NDF : 39.4/16

diff_bpm0l04X_rms vs slug



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

Left Out: 7955.070+/-2.985 χ^2/NDF : 266602.9/6

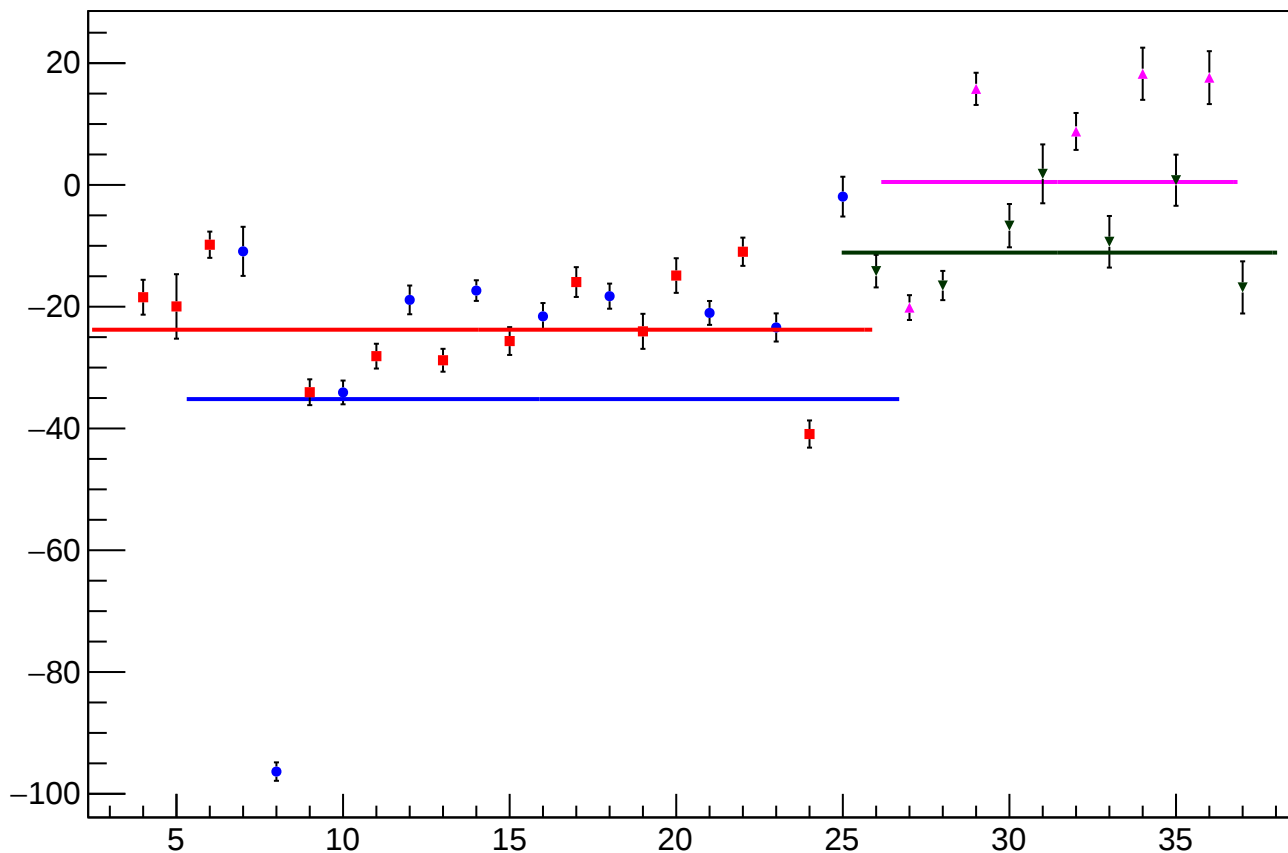
Right Out: 7060.304+/-1.976 χ^2/NDF : 70982.1/11

Left In: 7811.589+/-2.960 χ^2/NDF : 242040.7/4

7245.909+/-1.622 χ^2/NDF : 406660.5/16

7291.779+/-1.643 χ^2/NDF : 357583.0/16

diff_bpm0l04Y_mean vs slug



Right In: -35.174 $\pm$ 0.663 χ^2 /NDF: 2117.2/9

Left Out: -11.116 $\pm$ 1.288 χ^2 /NDF: 25.0/6

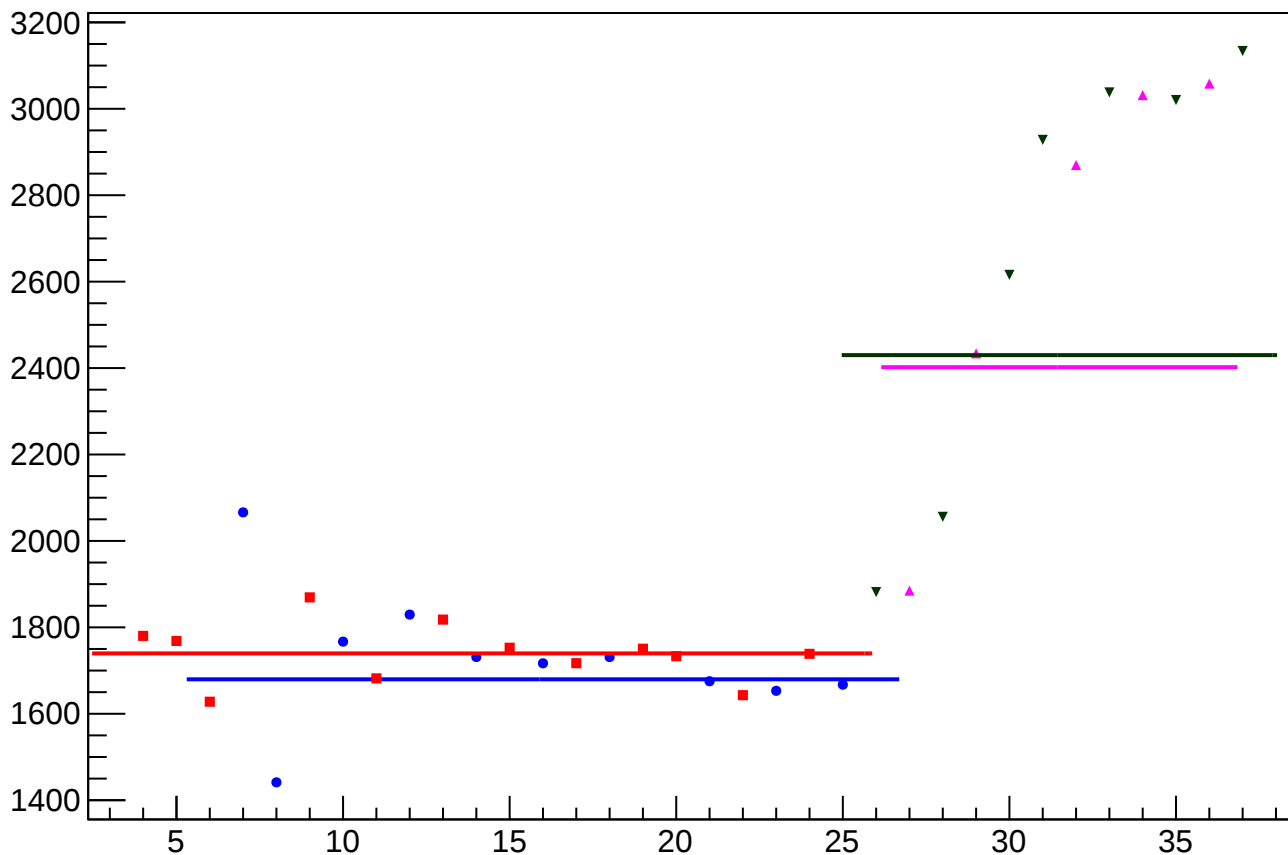
Right Out: -23.778 $\pm$ 0.688 χ^2 /NDF: 191.1/11

Left In: 0.481 $\pm$ 1.291 χ^2 /NDF: 176.2/4

-30.136 $\pm$ 0.590 χ^2 /NDF: 2417.9/16

-18.407 $\pm$ 0.607 χ^2 /NDF: 642.2/16

diff_bpm0l04Y_rms vs slug



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

Left Out: 2429.959+/-0.911 χ^2/NDF : 294140.0/6

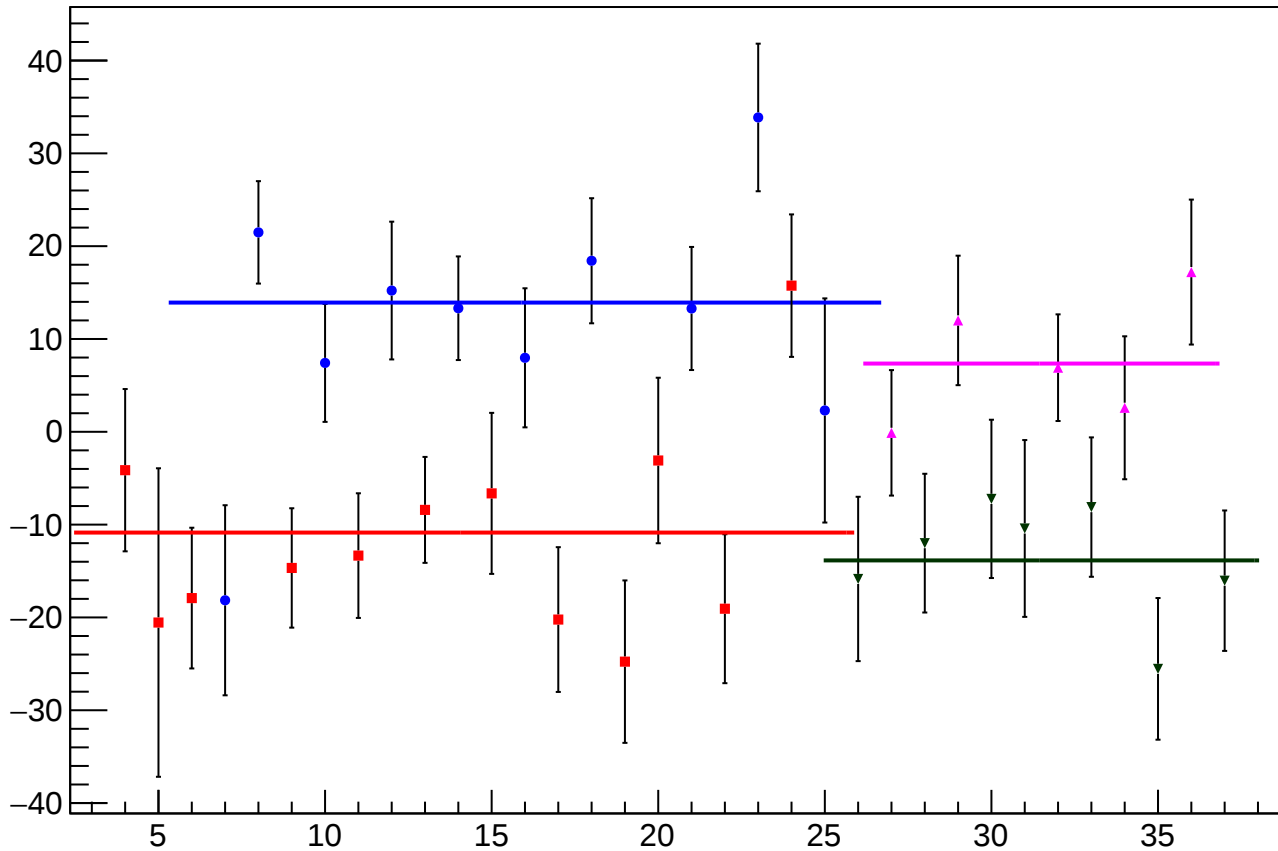
Right Out: 1739.740+/-0.487 χ^2/NDF : 22147.7/11

Left In: 2402.043+/-0.913 χ^2/NDF : 265450.5/4

1836.848+/-0.417 χ^2/NDF : 914271.4/16

1886.387+/-0.430 χ^2/NDF : 697432.4/16

diff_bpm0l05X_mean vs slug



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

Left Out: -13.857+/-3.046 χ^2/NDF : 3.9/6

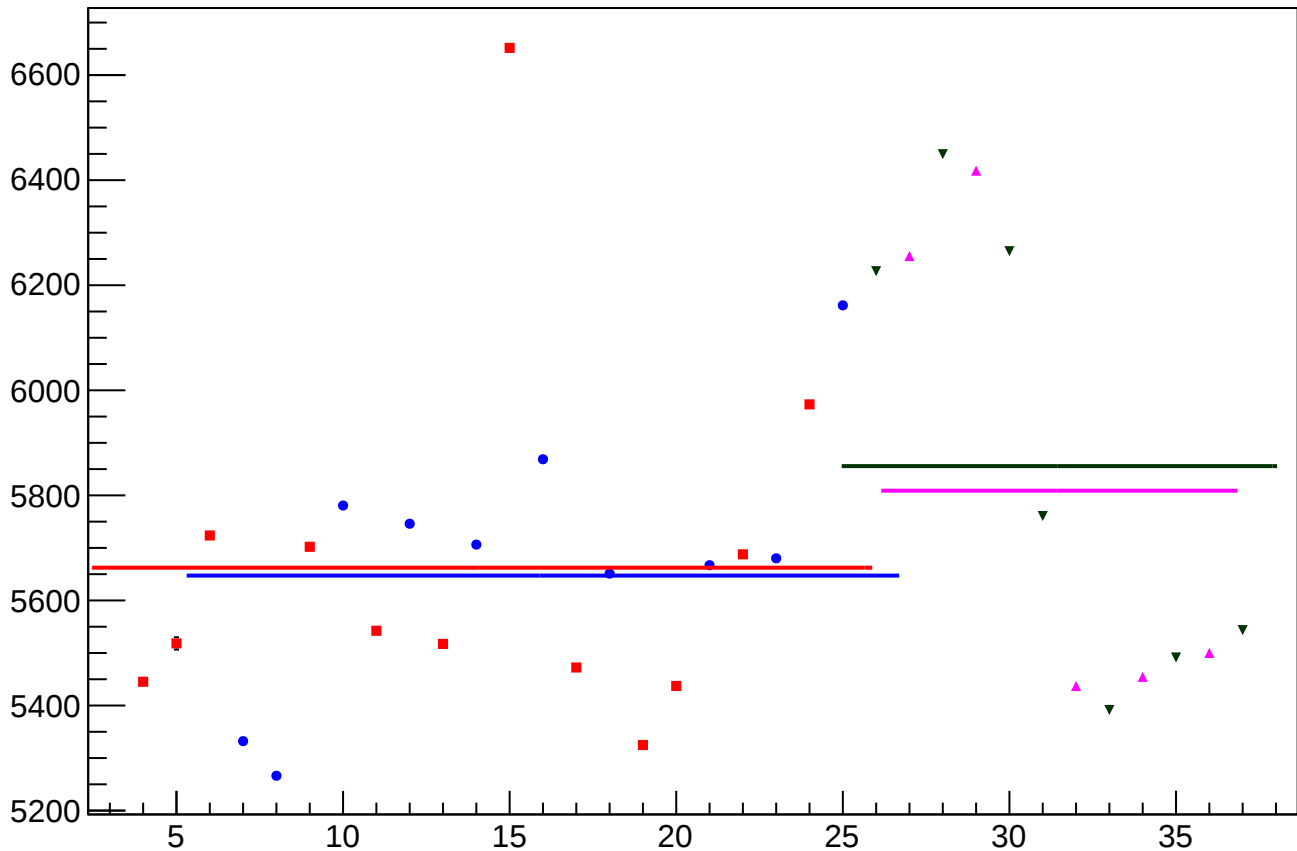
Right Out: -10.857+/-2.241 χ^2/NDF : 20.5/11

Left In: 7.352+/-3.072 χ^2/NDF : 3.6/4

4.276+/-1.795 χ^2/NDF : 79.3/16

-4.530+/-1.811 χ^2/NDF : 47.1/16

diff_bpm0l05X_rms vs slug



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

Left Out: 5855.680+/-2.154 χ^2 /NDF:36546.7/6

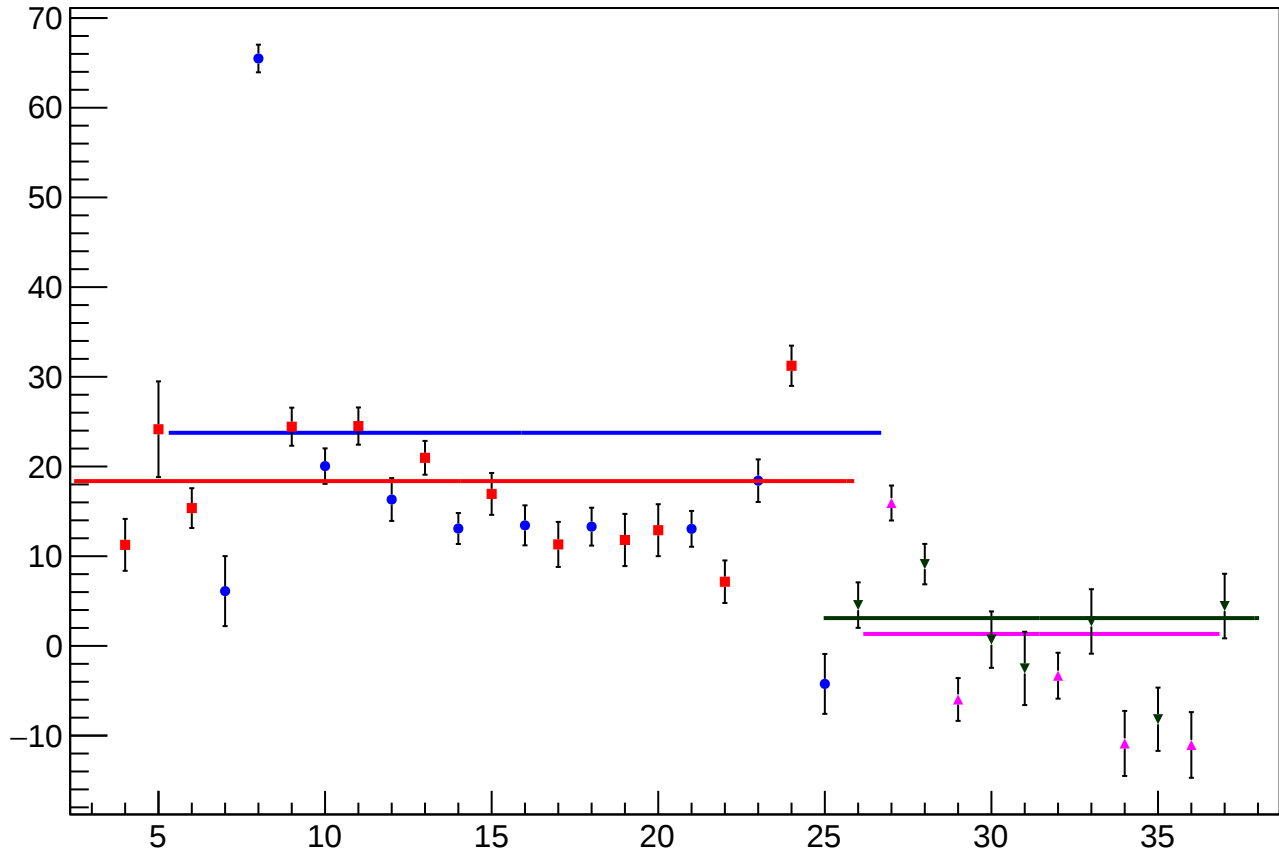
5719.668+/-1.269 χ^2 /NDF: 60974.9/16

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

5713.298+/-1.280 χ^2 /NDF: 80960.9/16

Left In: 5808.913+/-2.172 χ^2 /NDF:39713.8/4

diff_bpm0l05Y_mean vs slug



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

Left Out: 3.100 $\pm$ 1.156 χ^2 /NDF:20.3/6

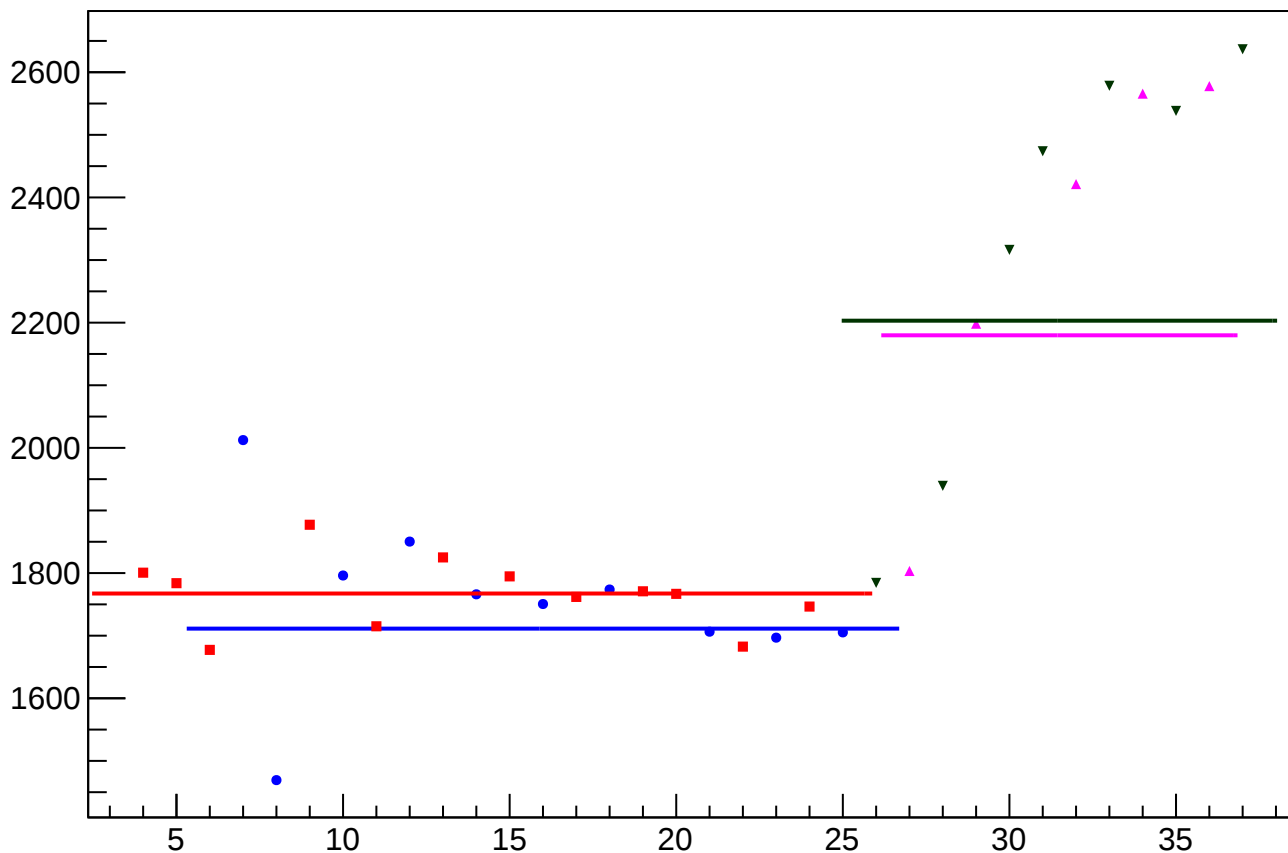
Right Out: 18.373 $\pm$ 0.699 χ^2 /NDF: 100.0/11

Left In: 1.334 $\pm$ 1.161 χ^2 /NDF:91.6/4

18.510 $\pm$ 0.583 χ^2 /NDF: 1213.3/16

13.840 $\pm$ 0.599 χ^2 /NDF: 349.8/16

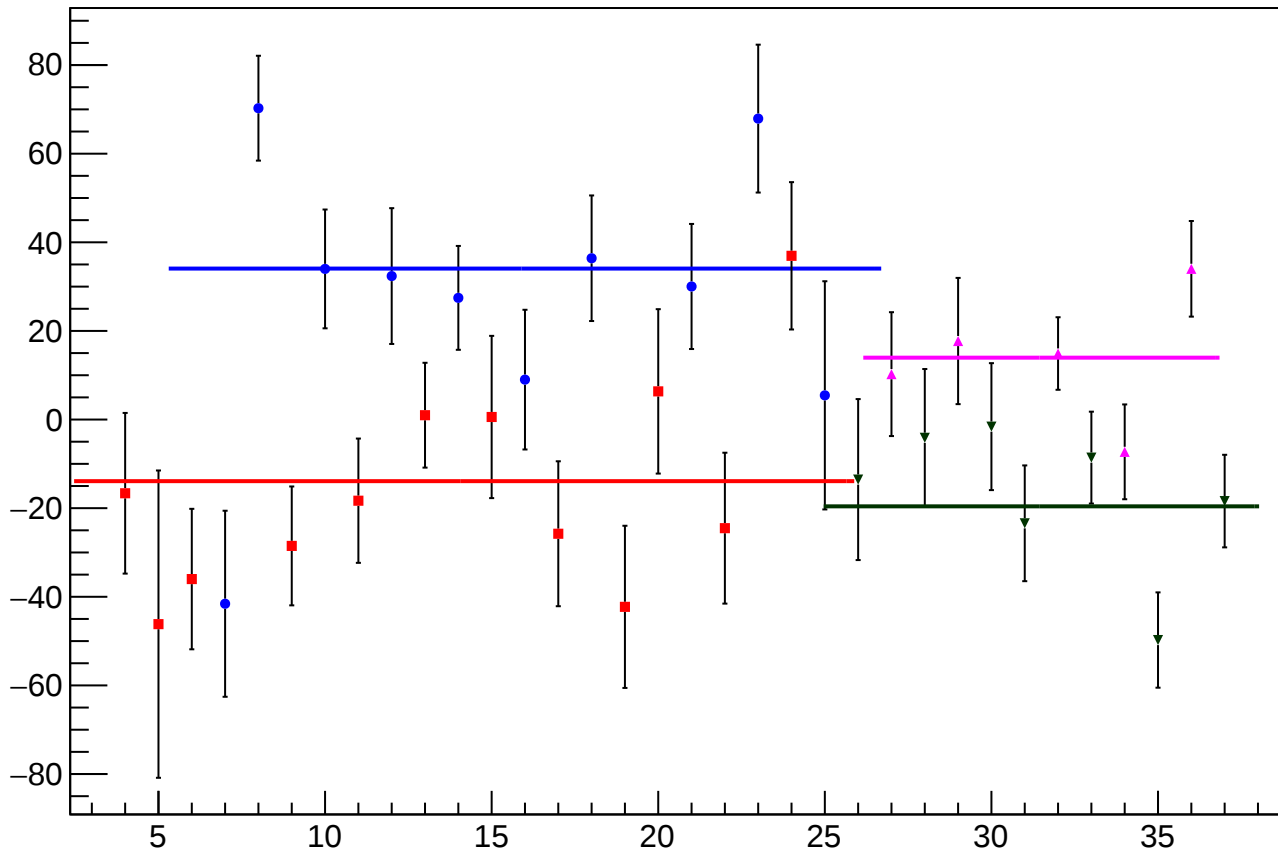
diff_bpm0l05Y_rms vs slug



Right In: 1711.281 $\pm$ 0.477 χ^2 /NDF: 76136.9/9
 Left Out: 2203.134 $\pm$ 0.817 χ^2 /NDF:162157.5/6
 Right Out: 1767.340 $\pm$ 0.494 χ^2 /NDF: 15091.3/11
 Left In: 2179.794 $\pm$ 0.821 χ^2 /NDF:138925.2/4

1836.256 $\pm$ 0.412 χ^2 /NDF: 508365.3/16
 1877.051 $\pm$ 0.423 χ^2 /NDF: 339435.2/16

diff_bpm0l06X_mean vs slug



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

Left Out: -19.588+/-4.713 χ^2/NDF : 11.8/6

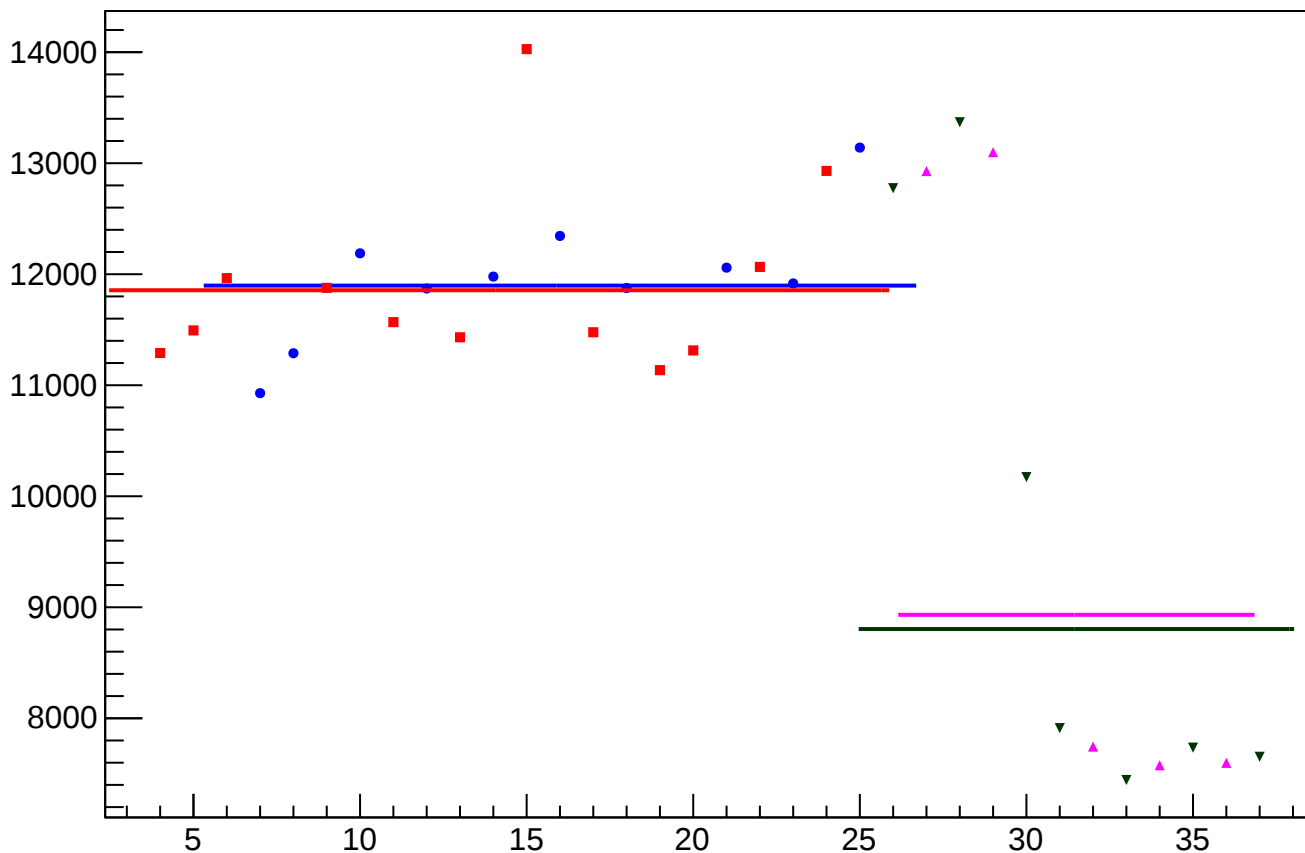
Right Out: -13.904+/-4.697 χ^2/NDF : 20.2/11

Left In: 13.966+/-4.863 χ^2/NDF : 7.6/4

7.423+/-3.321 χ^2/NDF : 107.7/16

-0.451+/-3.378 χ^2/NDF : 44.7/16

diff_bpm0l06X_rms vs slug



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

Left Out: 8803.974+/-3.332 χ^2/NDF : 374573.8/6

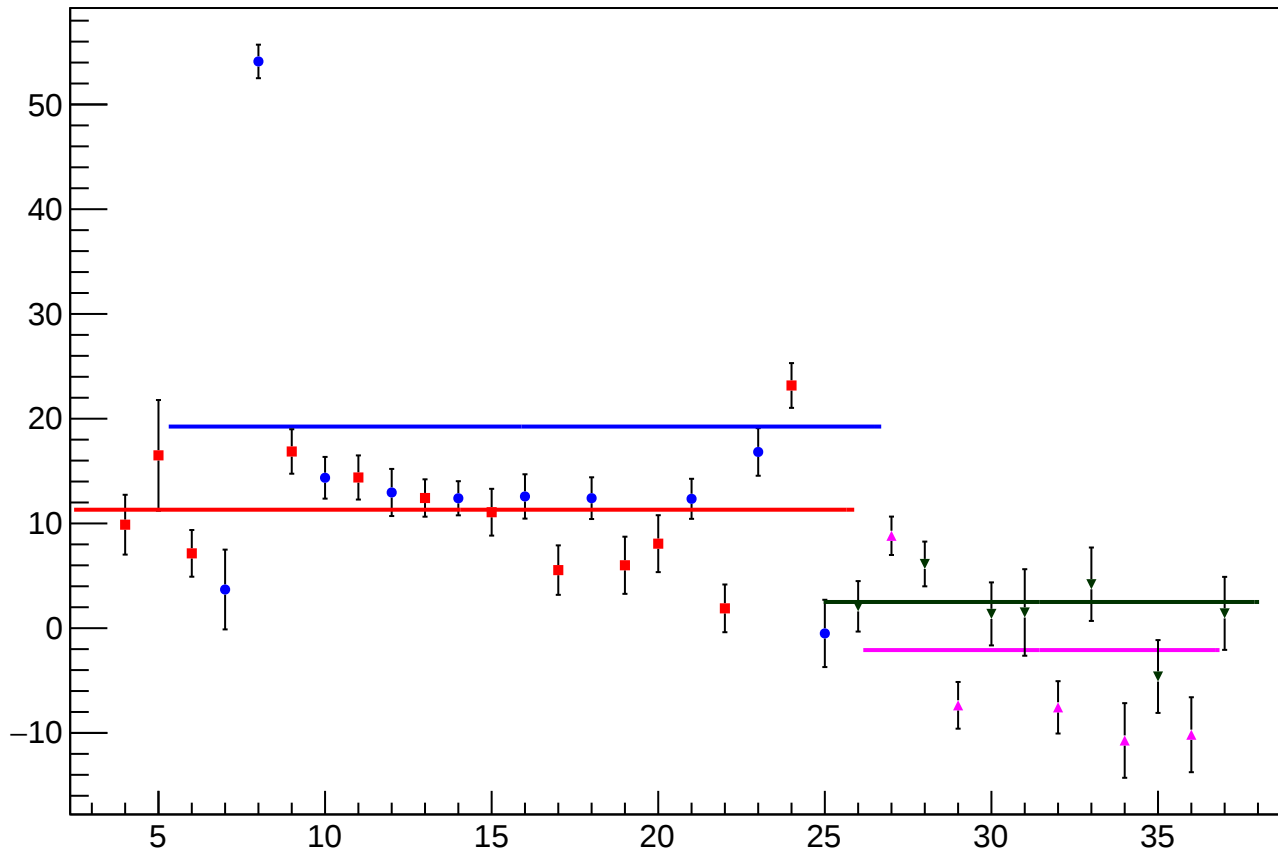
Right Out: 11855.642+/-3.322 χ^2/NDF : 48354.6/11

Left In: 8932.003+/-3.438 χ^2/NDF : 439356.9/4

10361.146+/-2.348 χ^2/NDF : 825474.2/16

10444.382+/-2.389 χ^2/NDF : 861701.8/16

diff_bpm0l06Y_mean vs slug



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

Left Out: 2.501 $\pm$ 1.113 χ^2 /NDF: 7.6/6

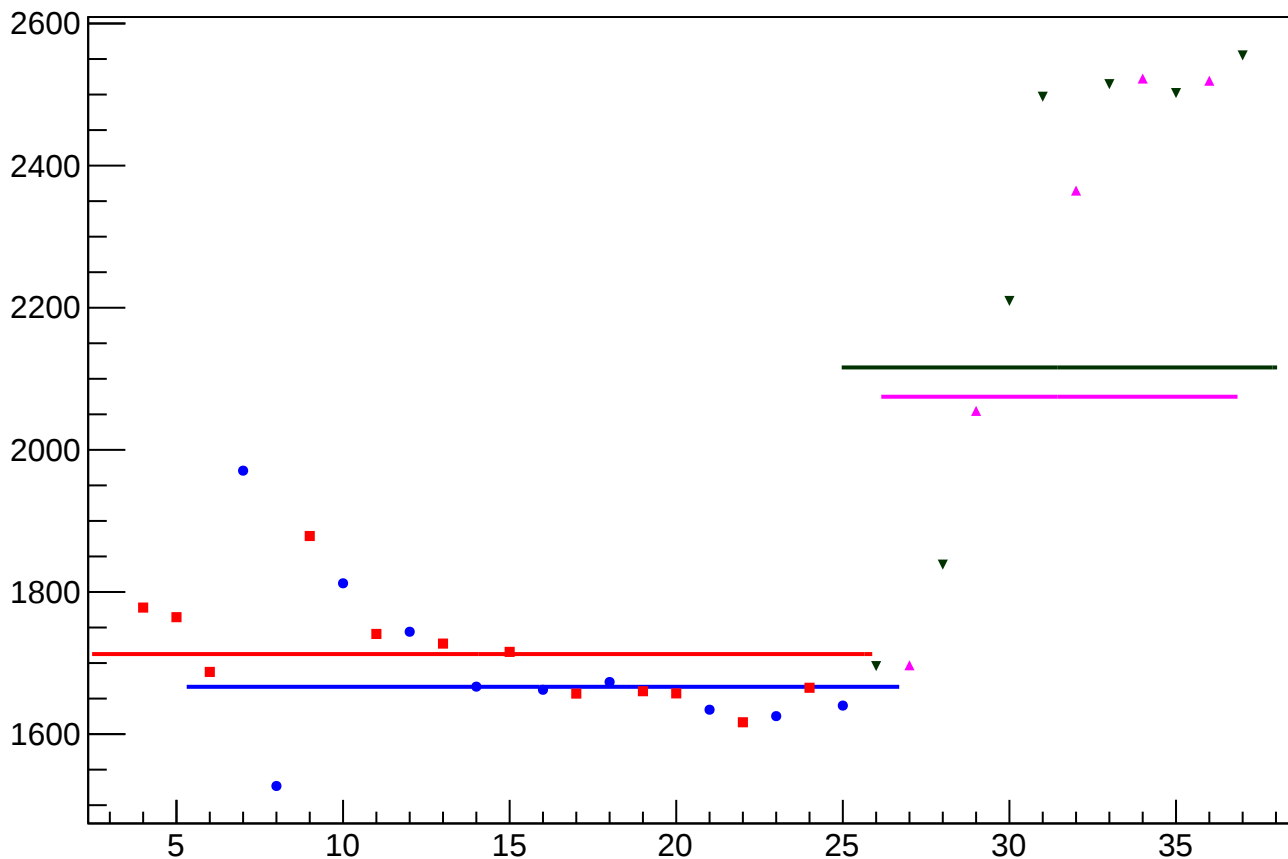
Right Out: 11.311 $\pm$ 0.677 χ^2 /NDF: 73.1/11

Left In: -2.090 $\pm$ 1.107 χ^2 /NDF: 56.8/4

14.934 $\pm$ 0.565 χ^2 /NDF: 772.0/16

7.665 $\pm$ 0.578 χ^2 /NDF: 236.6/16

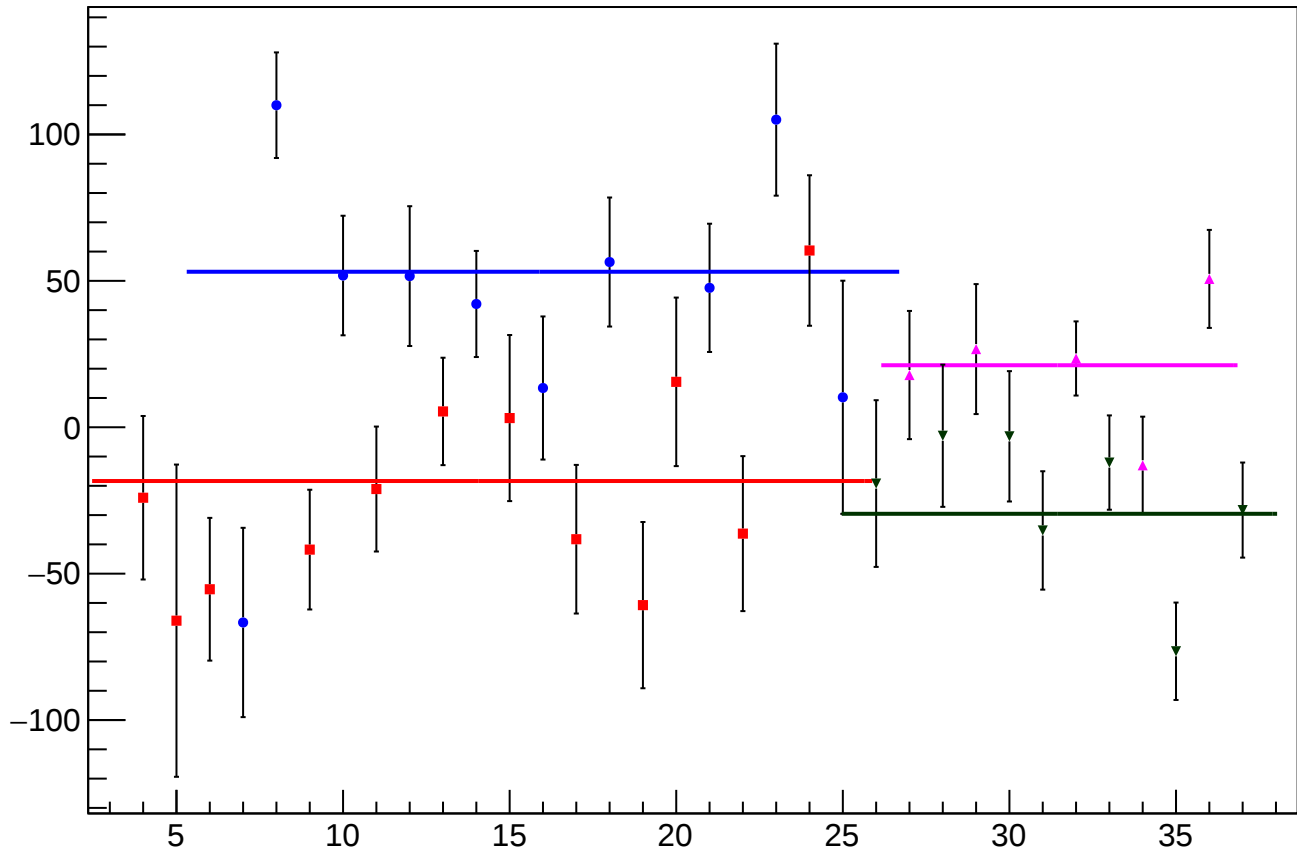
diff_bpm0l06Y_rms vs slug



Right In: 1666.575 ± 0.464 $\chi^2/\text{NDF}: 42439.0/9$
 Left Out: 1712.647 ± 0.479 $\chi^2/\text{NDF}: 21464.2/11$
 Right Out: 1782.361 ± 0.400 $\chi^2/\text{NDF}: 480233.5/16$
 Left In: 2074.765 ± 0.783 $\chi^2/\text{NDF}: 174589.1/4$

Right Out: 1712.647 ± 0.479 $\chi^2/\text{NDF}: 21464.2/11$
 Left In: 2074.765 ± 0.783 $\chi^2/\text{NDF}: 174589.1/4$

diff_bpm0l07X_mean vs slug



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

Left Out: -29.556 $\pm$ 7.321 χ^2 /NDF: 12.0/6

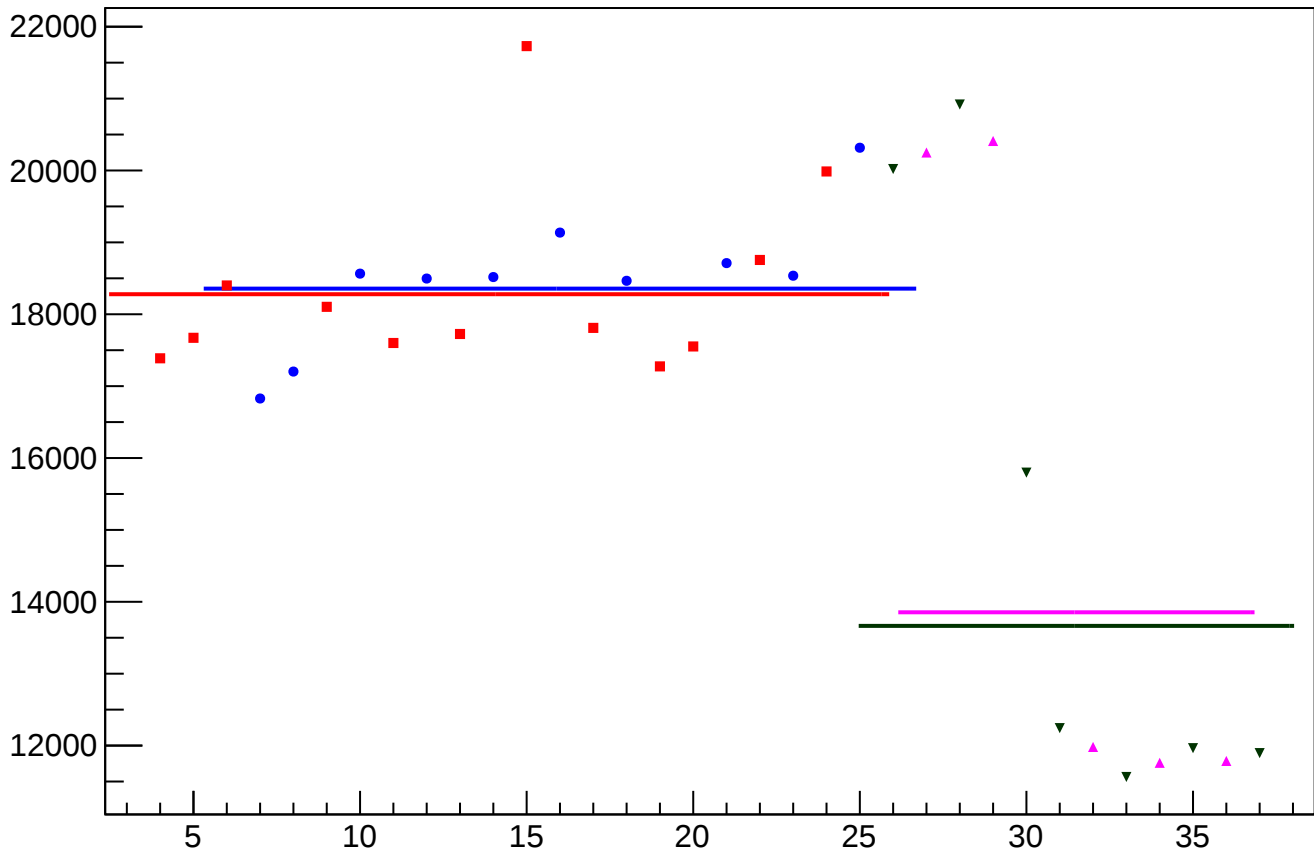
Right Out: -18.361 $\pm$ 7.243 χ^2 /NDF: 20.8/11

Left In: 21.181 $\pm$ 7.549 χ^2 /NDF: 7.5/4

12.332 $\pm$ 5.142 χ^2 /NDF: 108.5/16

0.591 $\pm$ 5.226 χ^2 /NDF: 42.5/16

diff_bpm0l07X_rms vs slug



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

Left Out: 13665.030+/-5.177 χ^2/NDF : 385082.1/6

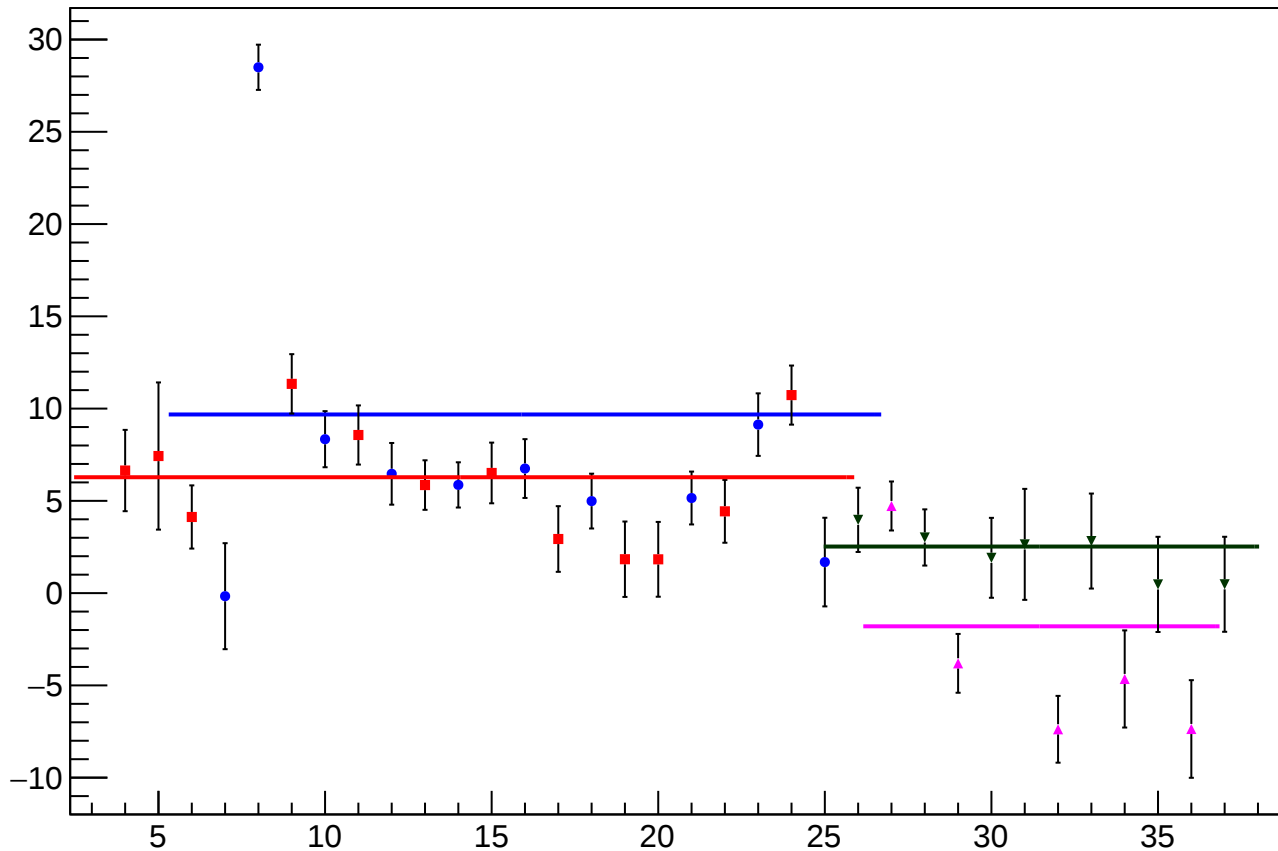
Right Out: 18278.807+/-5.121 χ^2/NDF : 49891.5/11

Left In: 13854.046+/-5.338 χ^2/NDF : 451272.2/4

16042.263+/-3.636 χ^2/NDF : 821892.6/16

16158.078+/-3.696 χ^2/NDF : 858949.0/16

diff_bpm0l07Y_mean vs slug



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

Left Out: 2.524 ± 0.807 χ^2/NDF : 2.2/6

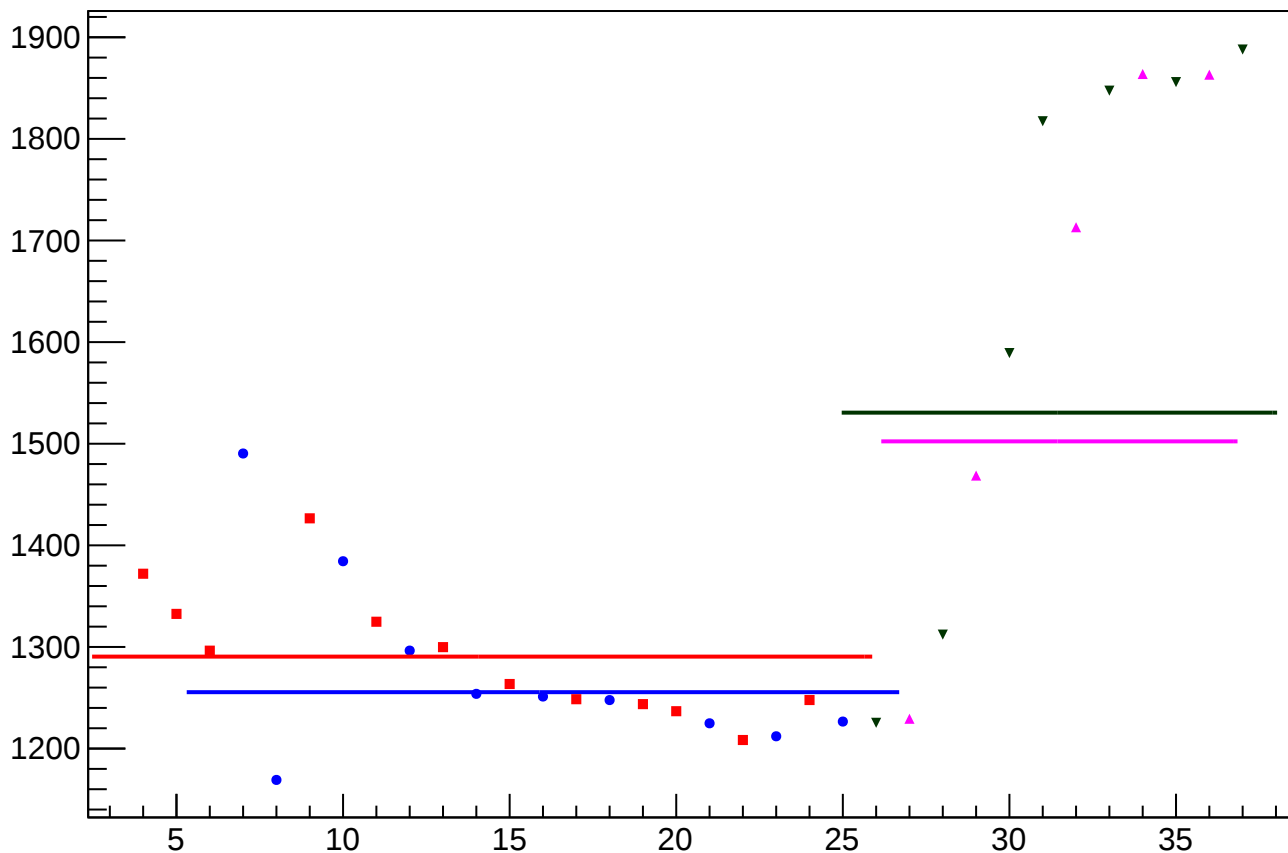
Right Out: 6.280 ± 0.510 χ^2/NDF : 35.7/11

Left In: -1.799 ± 0.802 χ^2/NDF : 40.8/4

7.730 ± 0.421 χ^2/NDF : 355.7/16

3.955 ± 0.430 χ^2/NDF : 148.7/16

diff_bpm0l07Y_rms vs slug



Right In: 1255.503 $\pm$ 0.349 χ^2/NDF : 41466.5/9

Left Out: 1530.591 $\pm$ 0.570 χ^2/NDF : 222901.8/6

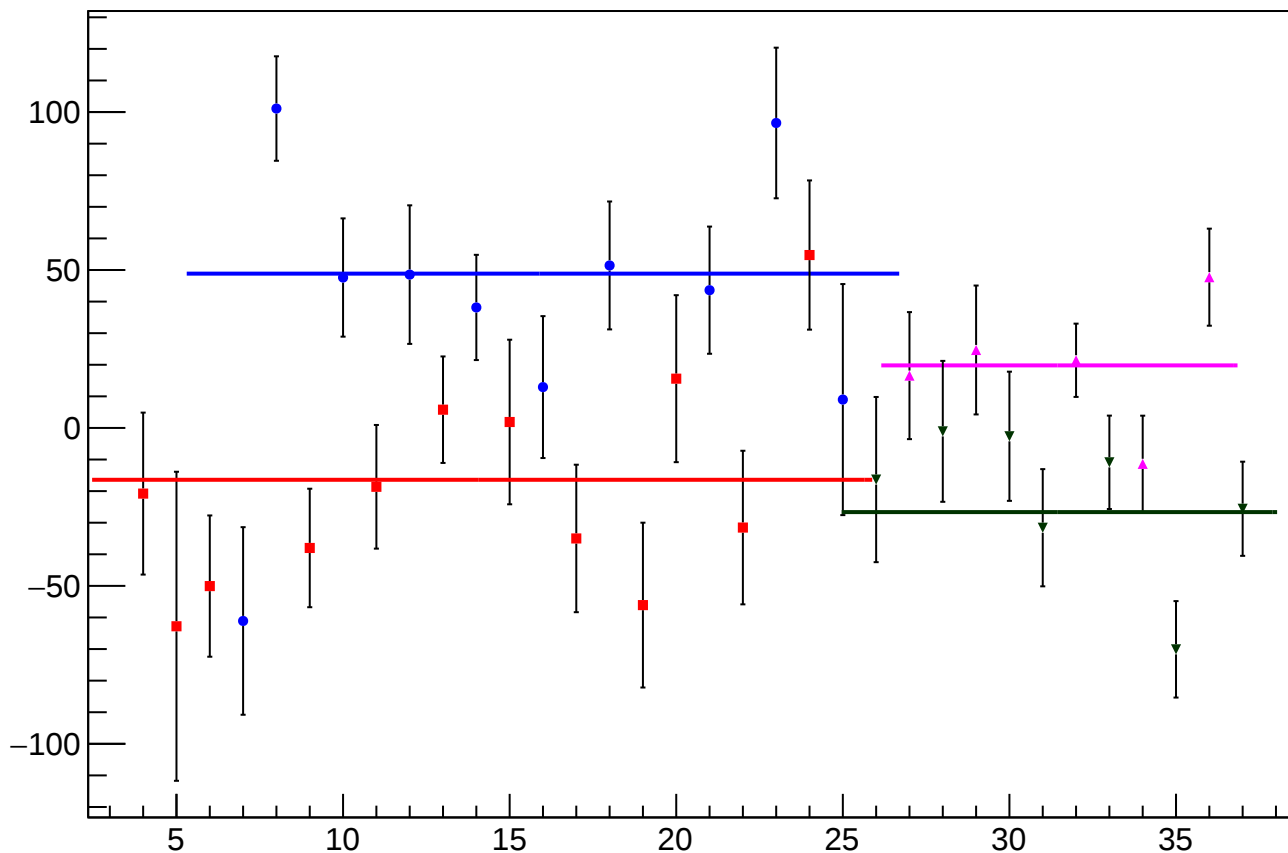
Right Out: 1290.505 $\pm$ 0.361 χ^2/NDF : 28459.4/11

Left In: 1502.323 $\pm$ 0.567 χ^2/NDF : 187499.8/4

1330.506 $\pm$ 0.298 χ^2/NDF : 433550.0/16

1351.470 $\pm$ 0.304 χ^2/NDF : 315221.4/16

diff_bpm0l08X_mean vs slug



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

Left Out: -26.642 ± 6.721 $\chi^2/\text{NDF}: 12.2/6$

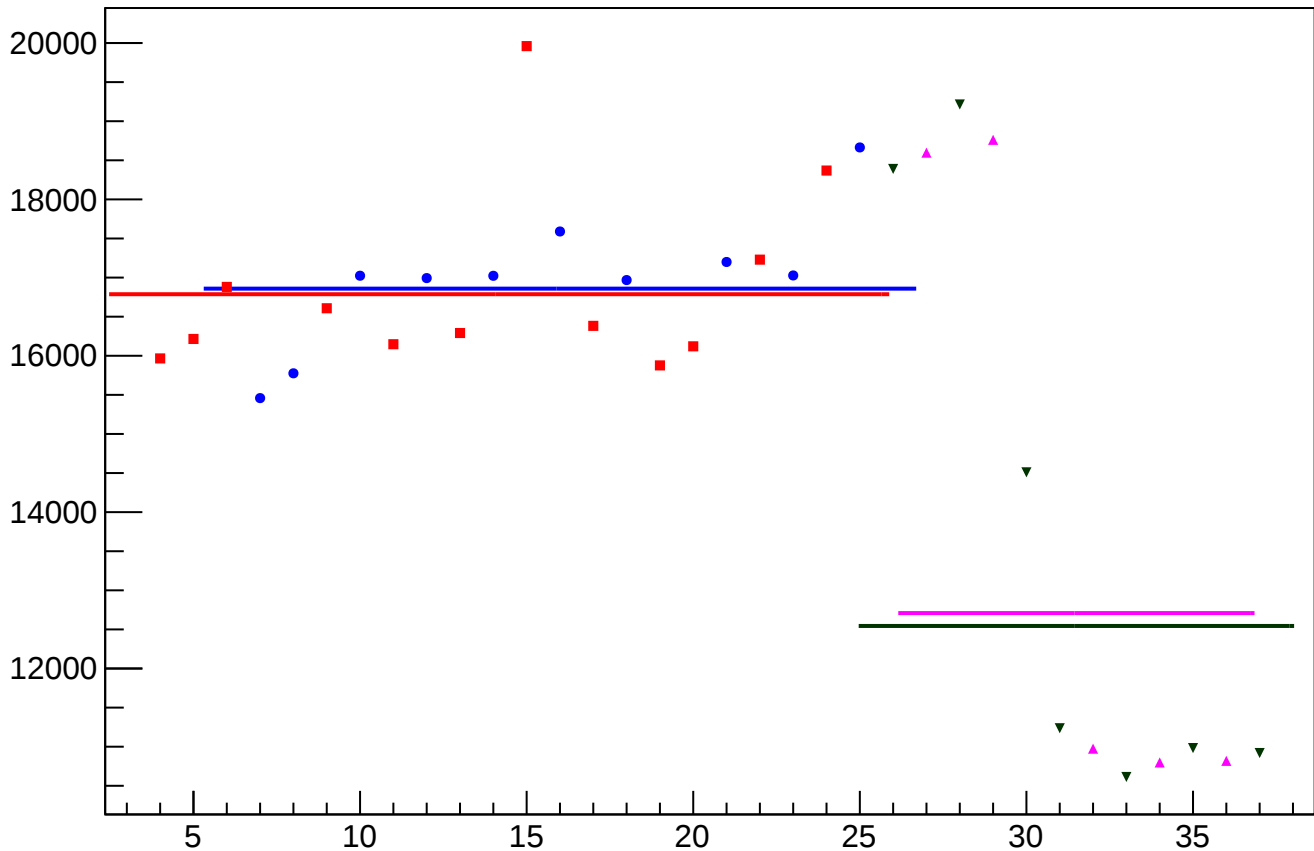
Right Out: -16.413 ± 6.651 $\chi^2/\text{NDF}: 20.6/11$

Left In: 19.802 ± 6.926 $\chi^2/\text{NDF}: 7.6/4$

11.597 ± 4.721 $\chi^2/\text{NDF}: 108.0/16$

0.961 ± 4.798 $\chi^2/\text{NDF}: 42.4/16$

diff_bpm0l08X_rms vs slug



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

Left Out: 12544.247 ± 4.753 χ^2/NDF : 386030.8/6

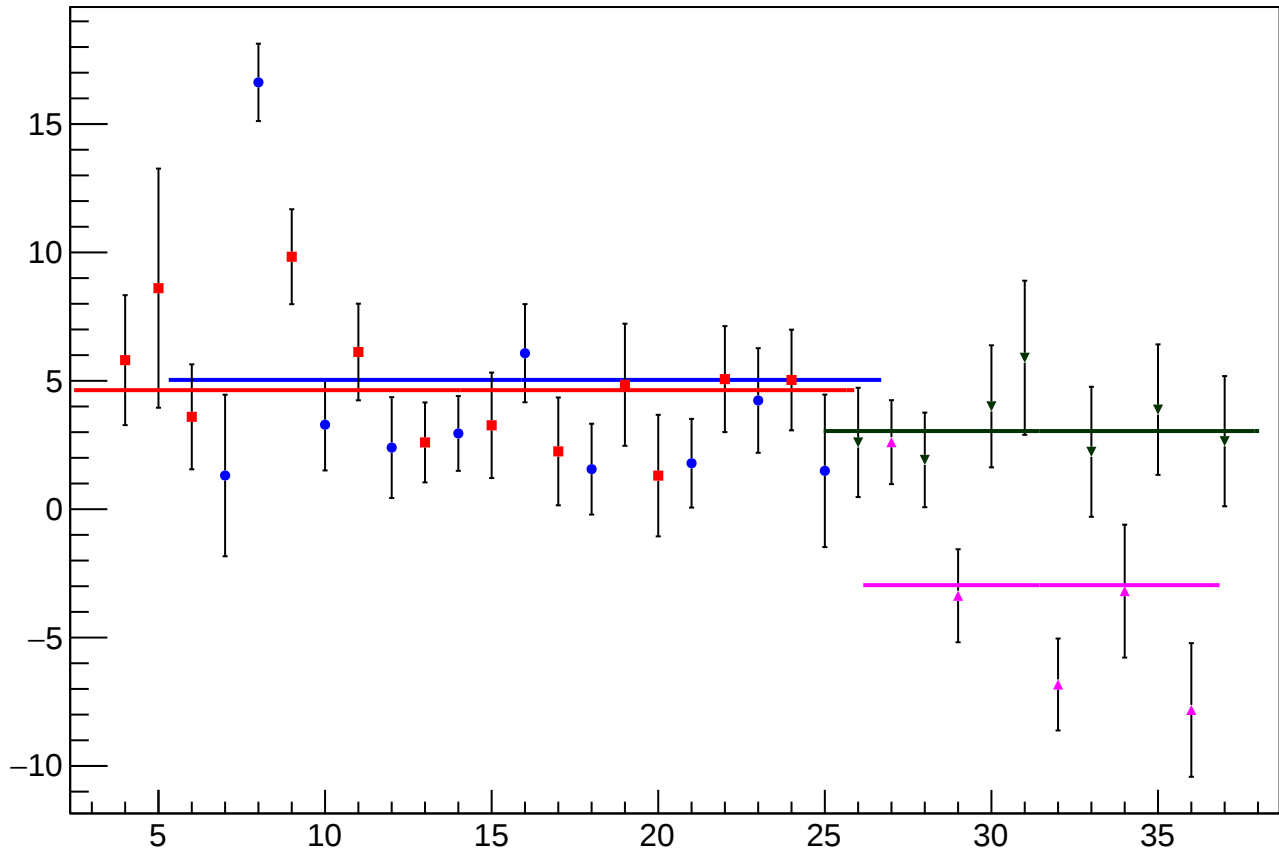
Right Out: 16787.169 ± 4.703 χ^2/NDF : 50027.0/11

Left In: 12708.909 ± 4.898 χ^2/NDF : 453947.6/4

14729.585 ± 3.339 χ^2/NDF : 824625.6/16

14830.584 ± 3.392 χ^2/NDF : 864695.1/16

diff_bpm0l08Y_mean vs slug



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

Left Out: 3.044 ± 0.888 χ^2/NDF : 1.7/6

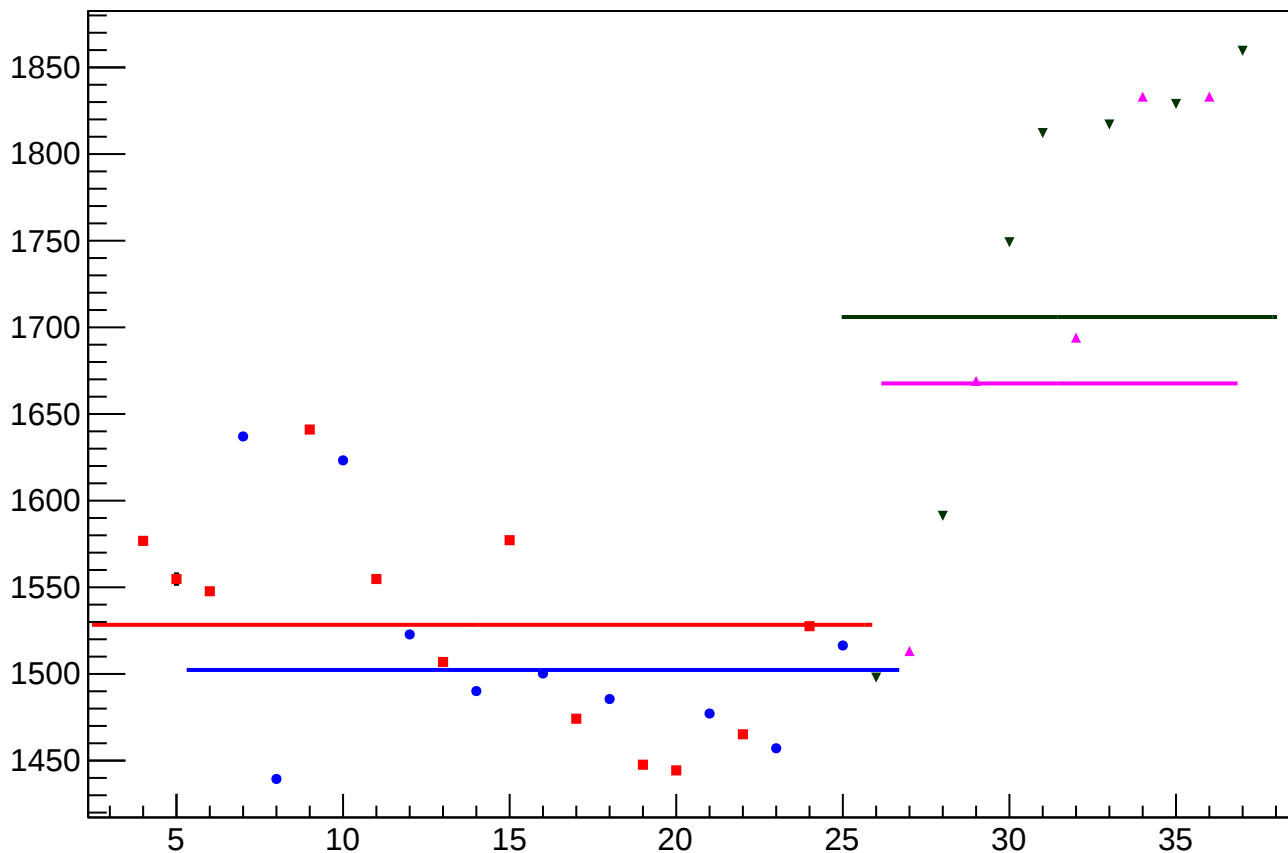
Right Out: 4.636 ± 0.604 χ^2/NDF : 15.2/11

Left In: -2.958 ± 0.881 χ^2/NDF : 19.8/4

4.425 ± 0.491 χ^2/NDF : 79.8/16

2.209 ± 0.498 χ^2/NDF : 85.6/16

diff_bpm0l08Y_rms vs slug



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

Left Out: 1705.962+/-0.628 χ^2/NDF : 45890.8/6

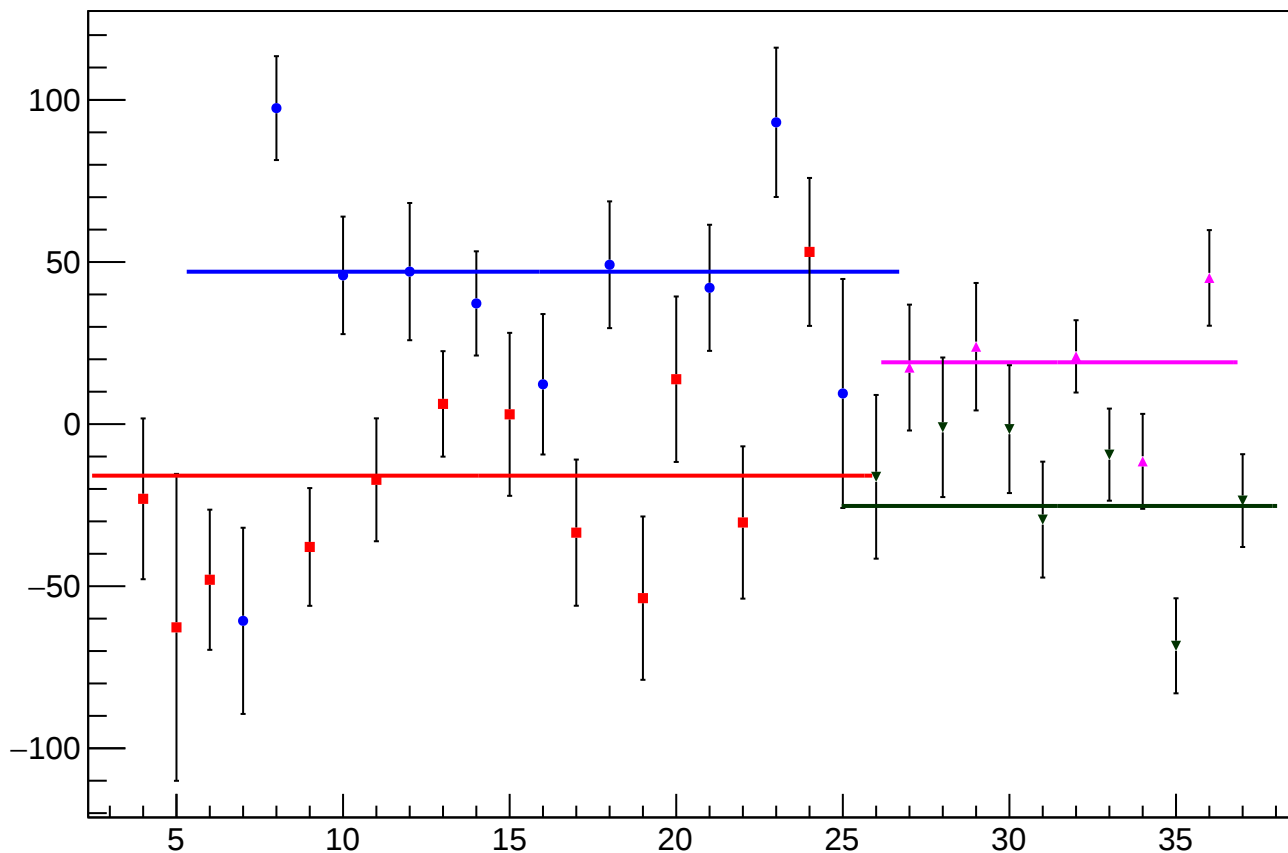
Right Out: 1528.347+/-0.427 χ^2/NDF : 18336.6/11

Left In: 1667.651+/-0.623 χ^2/NDF : 34562.1/4

1564.759+/-0.348 χ^2/NDF : 137282.1/16

1572.863+/-0.352 χ^2/NDF : 86920.6/16

diff_bpm0l09X_mean vs slug



Right In: 47.015 ± 6.411 $\chi^2/\text{NDF}: 32.1/9$

Left Out: -25.246 ± 6.466 $\chi^2/\text{NDF}: 12.8/6$

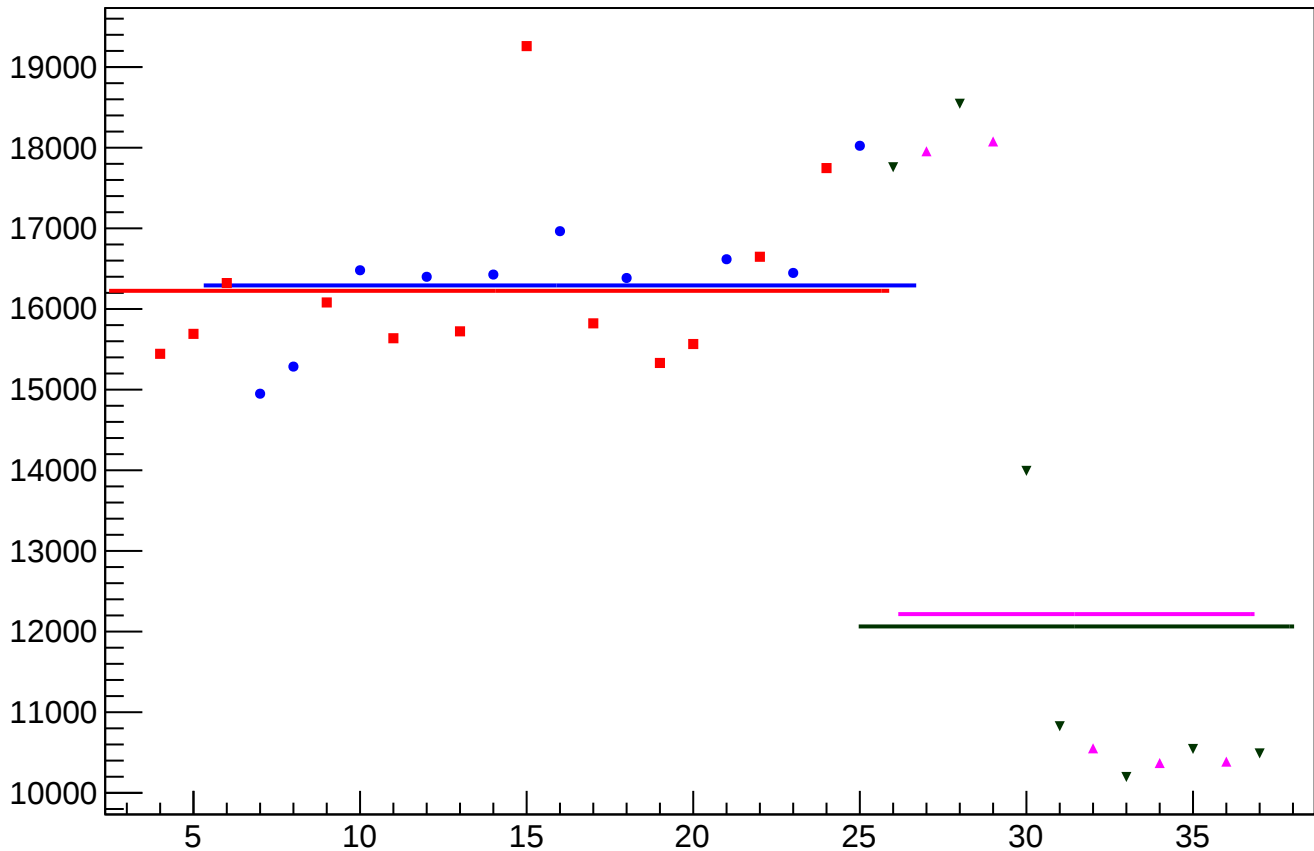
Right Out: -15.898 ± 6.429 $\chi^2/\text{NDF}: 20.9/11$

Left In: 19.070 ± 6.661 $\chi^2/\text{NDF}: 7.6/4$

11.196 ± 4.553 $\chi^2/\text{NDF}: 107.9/16$

0.966 ± 4.626 $\chi^2/\text{NDF}: 42.7/16$

diff_bpm0l09X_rms vs slug



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

Left Out: 12063.569+/-4.572 χ^2/NDF : 391905.8/6

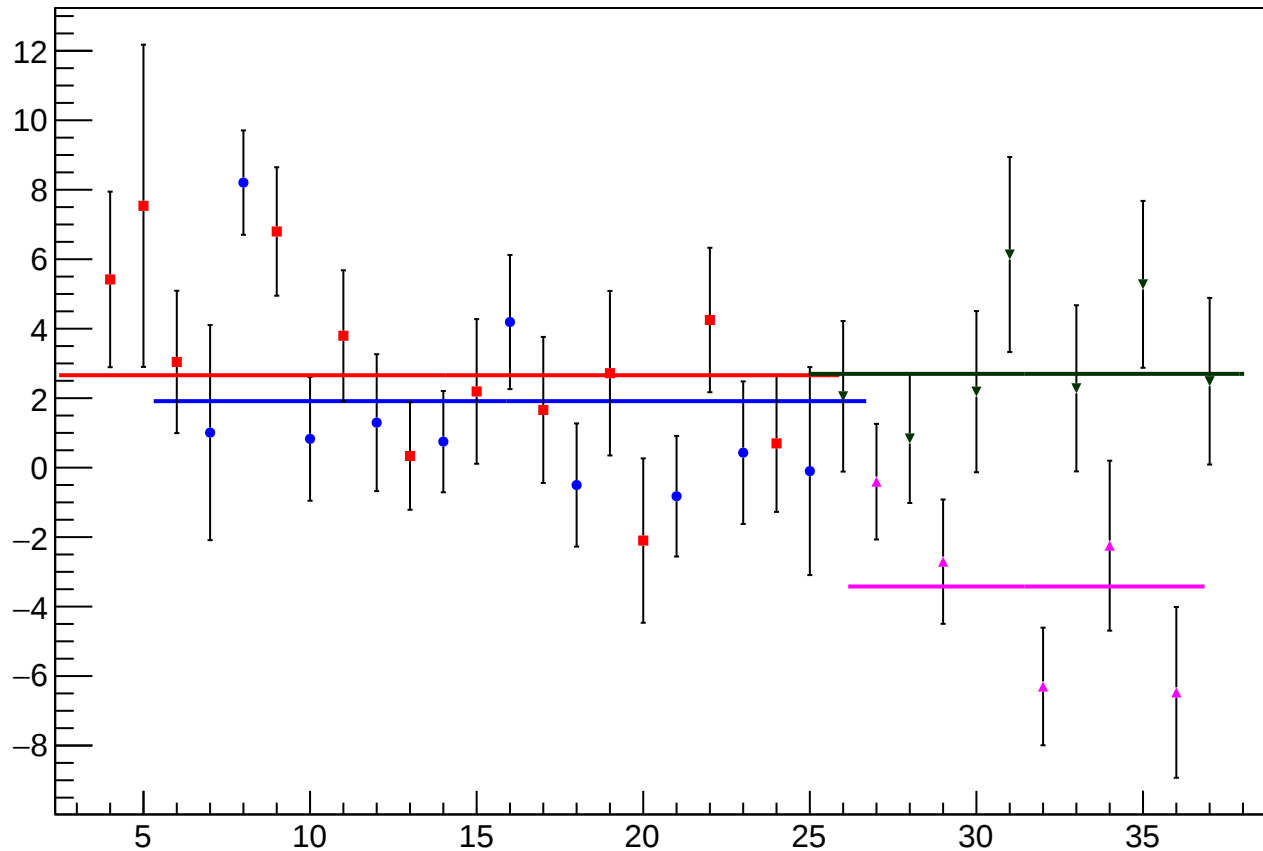
14196.123+/-3.219 χ^2/NDF : 843332.4/16

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

14292.105+/-3.271 χ^2/NDF : 884150.1/16

Left In: 12216.616+/-4.710 χ^2/NDF : 459675.6/4

diff_bpm0l09Y_mean vs slug



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

Left Out: 2.700 ± 0.865 $\chi^2/\text{NDF}: 3.8/6$

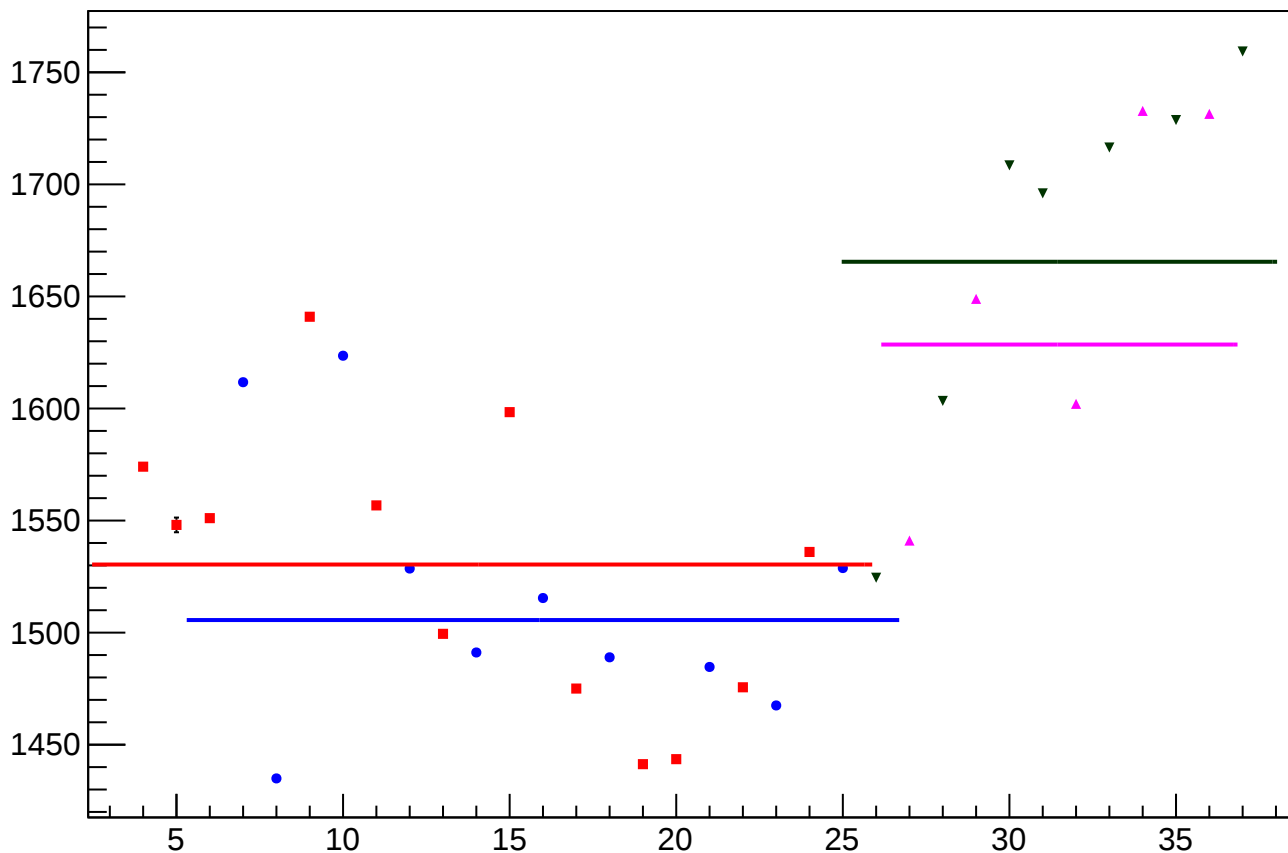
2.165 ± 0.488 $\chi^2/\text{NDF}: 29.8/16$

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

0.646 ± 0.494 $\chi^2/\text{NDF}: 57.5/16$

Left In: -3.422 ± 0.859 $\chi^2/\text{NDF}: 8.1/4$

diff_bpm0l09Y_rms vs slug



Right In: 1505.616 $\pm$ 0.418 χ^2 /NDF: 17340.1/9

Left Out: 1665.469 $\pm$ 0.611 χ^2 /NDF:16981.6/6

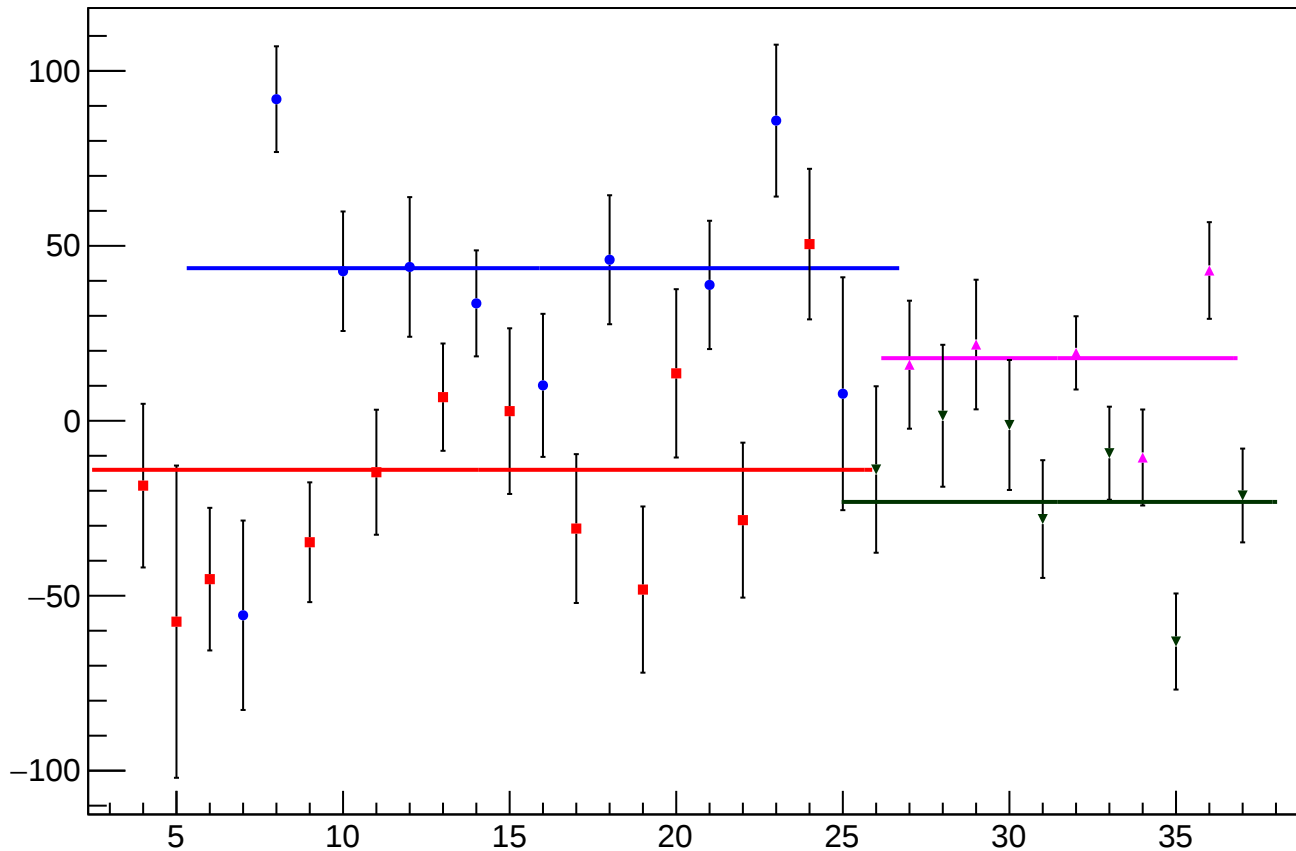
Right Out: 1530.389 $\pm$ 0.428 χ^2 /NDF: 19618.0/11

Left In: 1628.536 $\pm$ 0.607 χ^2 /NDF:13410.5/4

1556.589 $\pm$ 0.345 χ^2 /NDF: 80892.2/16

1562.902 $\pm$ 0.350 χ^2 /NDF: 50484.4/16

diff_bpm0l10X_mean vs slug



Right In: 43.620 ± 6.044 $\chi^2/\text{NDF}: 31.8/9$

Left Out: -23.188 ± 6.069 $\chi^2/\text{NDF}: 12.7/6$

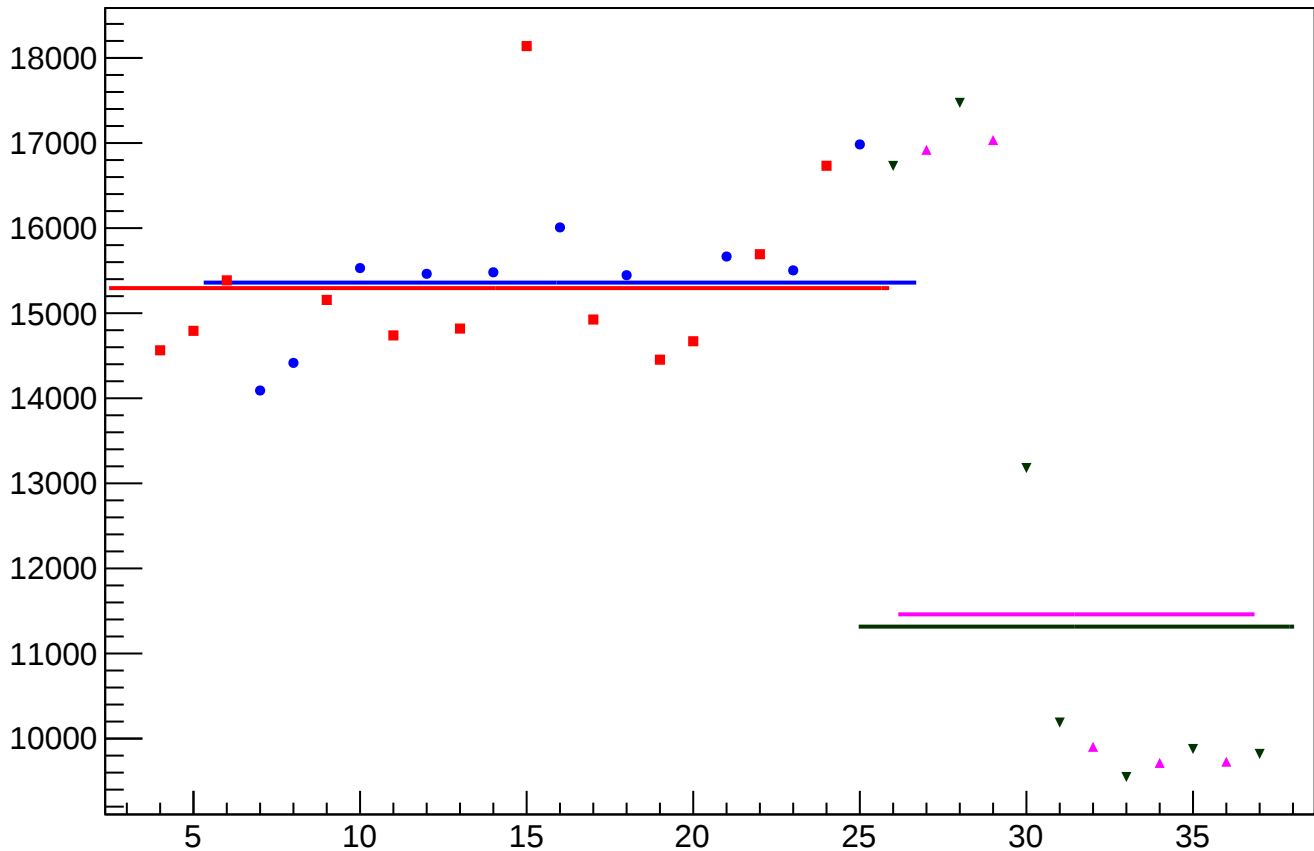
Right Out: -14.010 ± 6.060 $\chi^2/\text{NDF}: 20.6/11$

Left In: 17.899 ± 6.252 $\chi^2/\text{NDF}: 7.6/4$

10.355 ± 4.282 $\chi^2/\text{NDF}: 105.3/16$

1.446 ± 4.351 $\chi^2/\text{NDF}: 41.6/16$

diff_bpm0l10X_rms vs slug



Right In: 15359.560 $\pm$ 4.274 χ^2 /NDF: 20044.9/9

Left Out: 11315.988 $\pm$ 4.291 χ^2 /NDF:399151.2/6

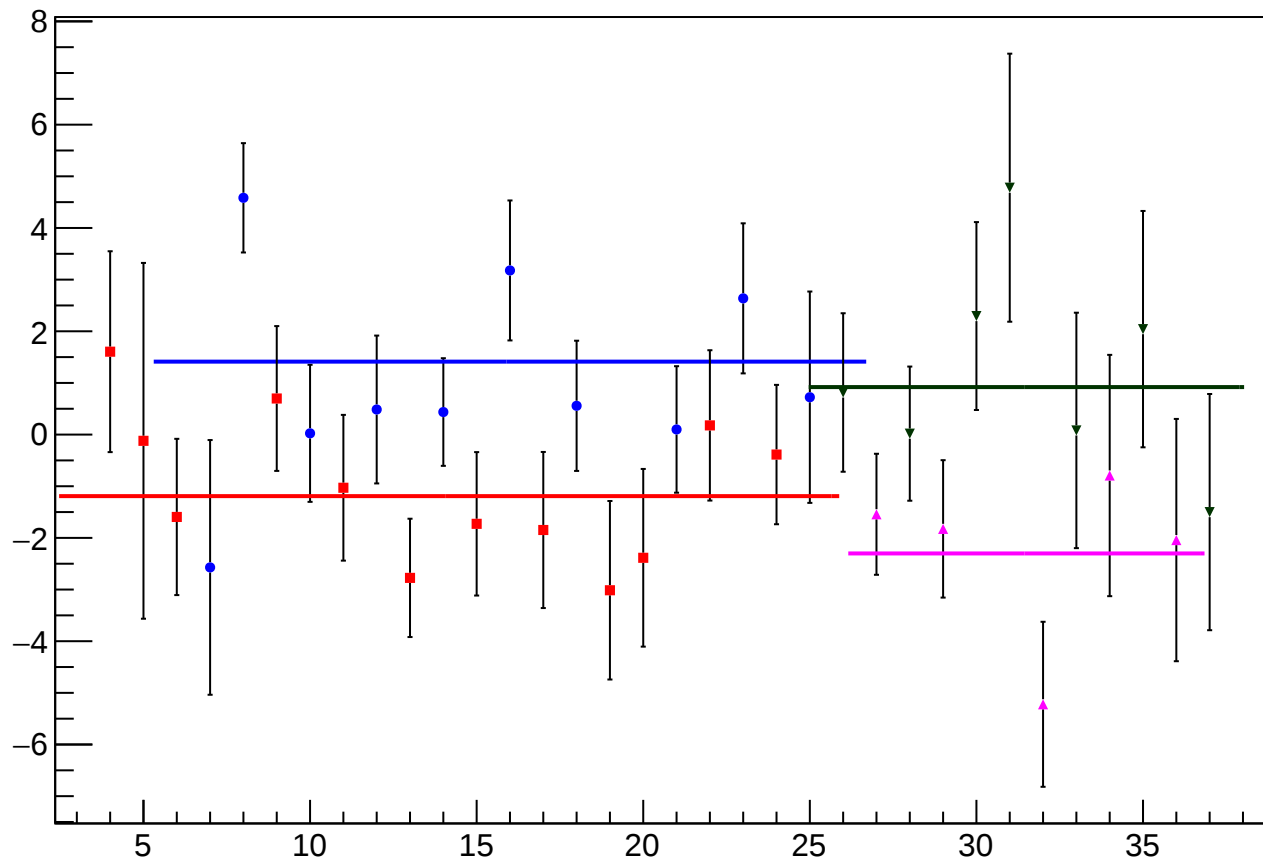
Right Out: 15294.772 $\pm$ 4.285 χ^2 /NDF: 49160.5/11

Left In: 11460.325 $\pm$ 4.421 χ^2 /NDF:467418.2/4

13346.173 $\pm$ 3.028 χ^2 /NDF: 864966.5/16

13437.451 $\pm$ 3.077 χ^2 /NDF: 904463.7/16

diff_bpm0l10Y_mean vs slug



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

Left Out: 0.920 ± 0.700 $\chi^2/\text{NDF}: 4.8/6$

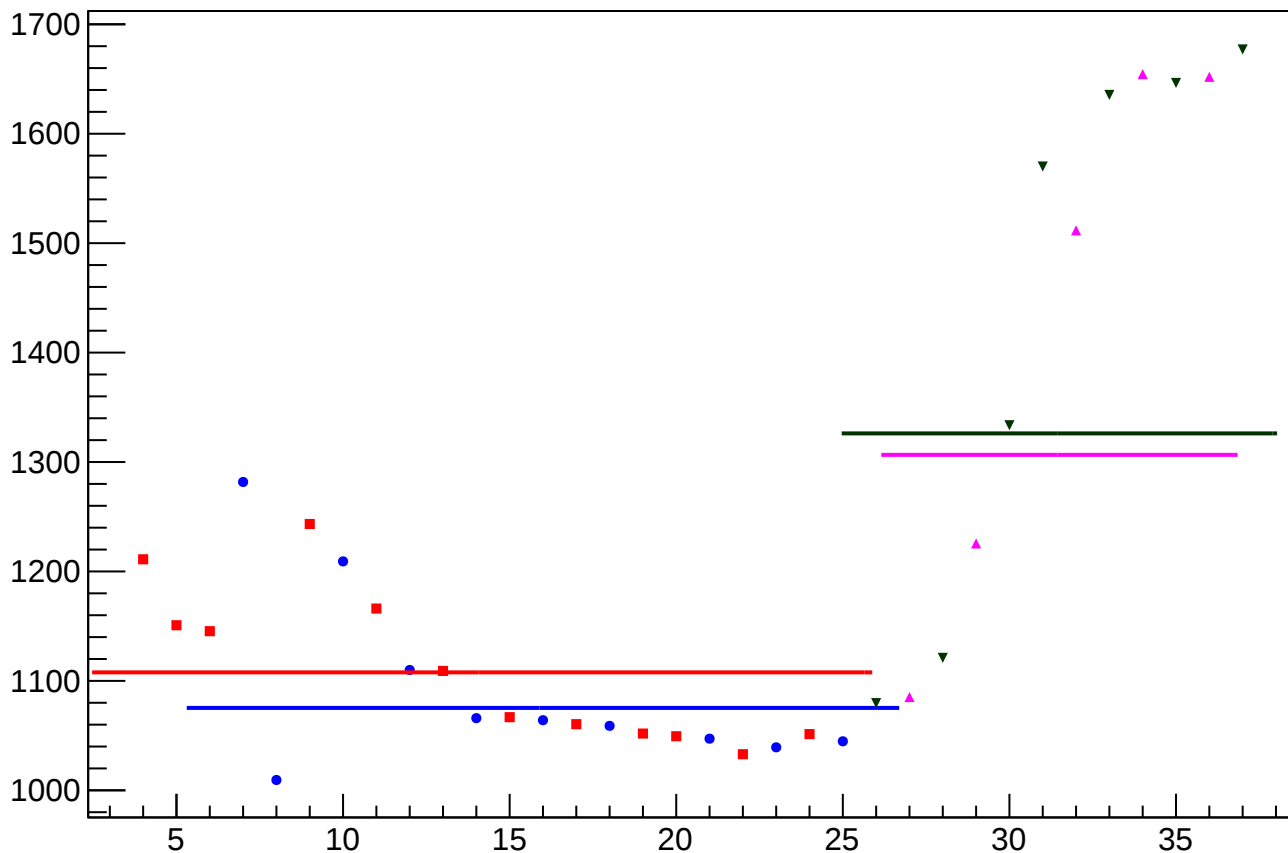
Right Out: -1.191 ± 0.438 $\chi^2/\text{NDF}: 9.1/11$

Left In: -2.301 ± 0.698 $\chi^2/\text{NDF}: 4.3/4$

1.280 ± 0.362 $\chi^2/\text{NDF}: 23.2/16$

-1.505 ± 0.371 $\chi^2/\text{NDF}: 15.3/16$

diff_bpm0l10Y_rms vs slug



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

Left Out: 1326.161 $\pm$ 0.495 χ^2 /NDF: 242333.9/6

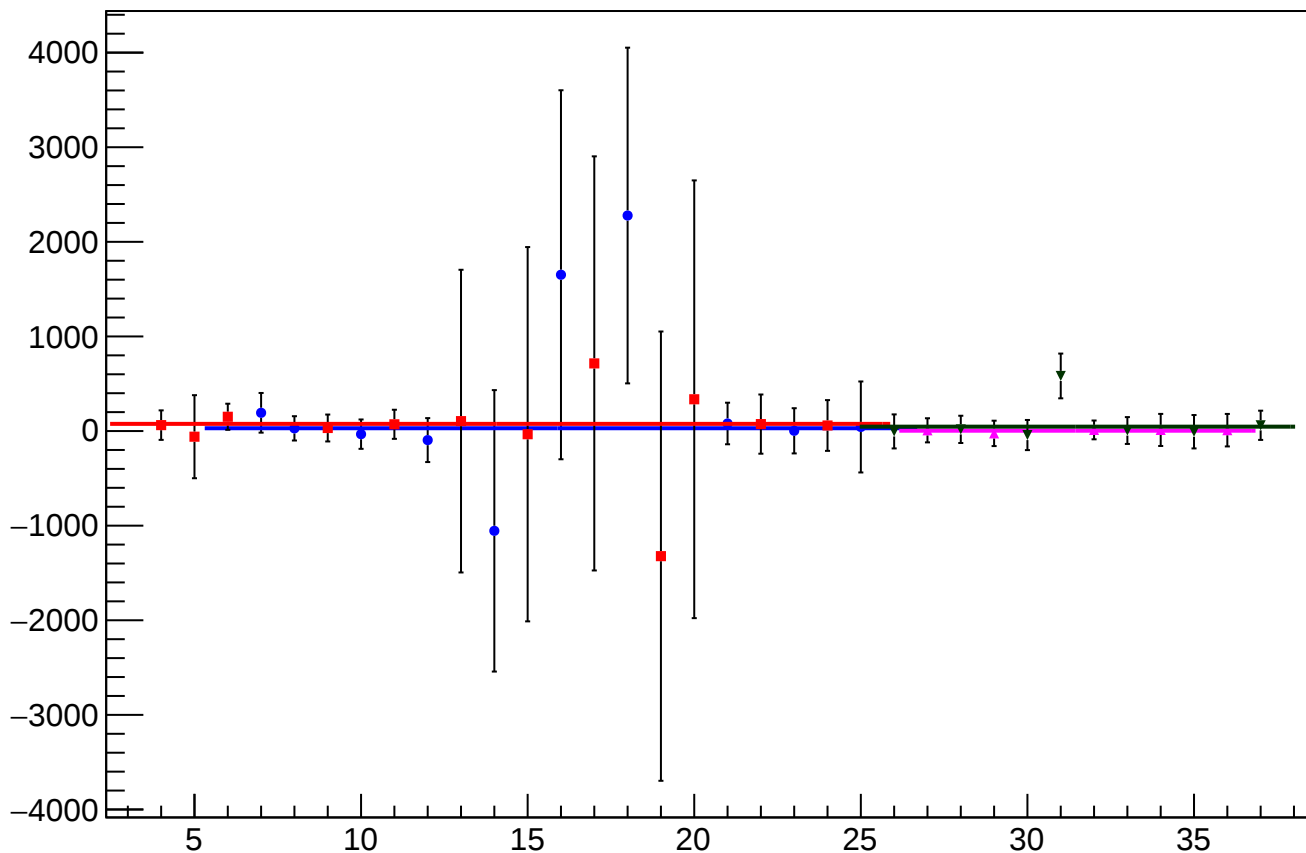
Right Out: 1107.774 $\pm$ 0.310 χ^2 /NDF: 46212.9/11

Left In: 1306.553 $\pm$ 0.494 χ^2 /NDF: 199543.1/4

1142.463 $\pm$ 0.256 χ^2 /NDF: 477333.4/16

1163.912 $\pm$ 0.262 χ^2 /NDF: 362051.7/16

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: 46.444+/-62.001 χ^2/NDF : 5.7/6

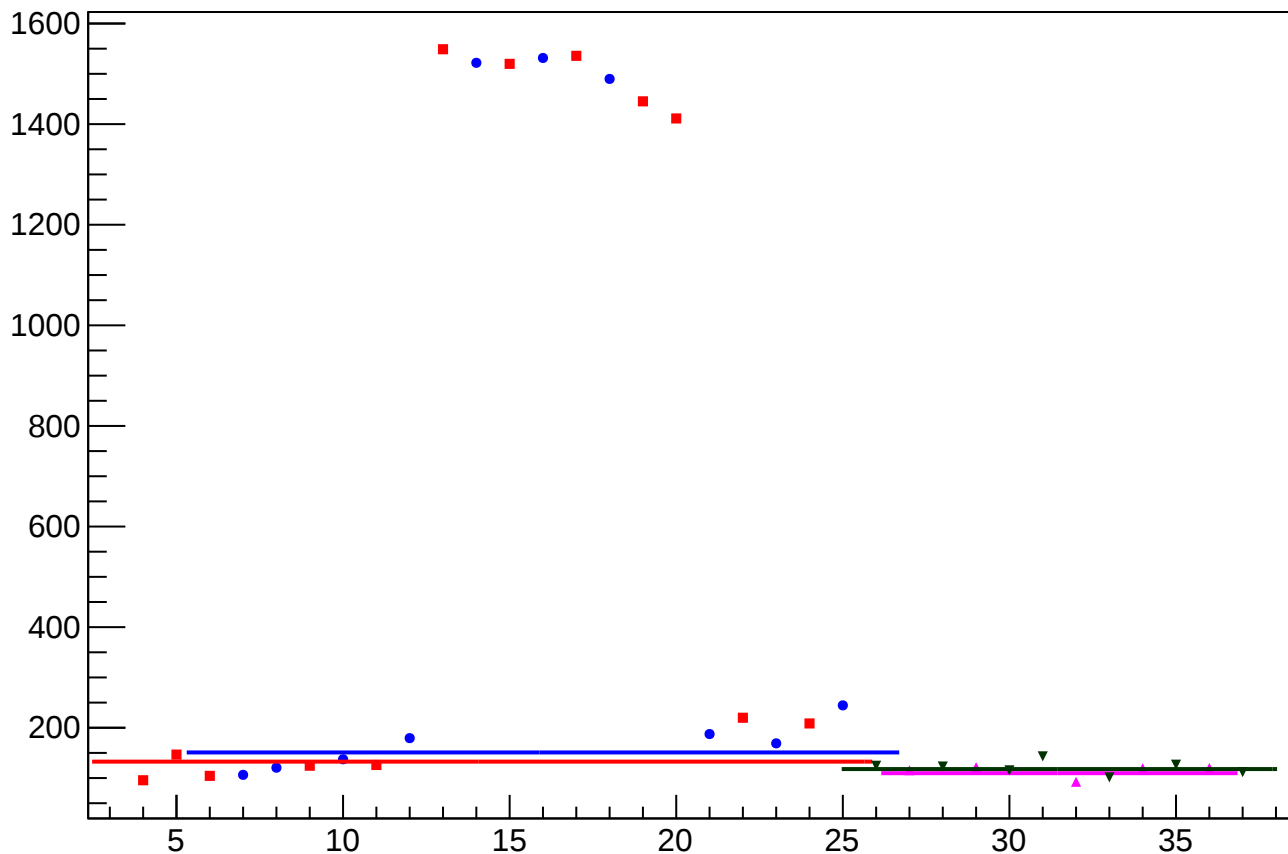
Right Out: 75.901+/-68.054 χ^2/NDF : 0.9/11

Left In: 3.621+/-59.013 χ^2/NDF : 0.1/4

39.417+/-47.291 χ^2/NDF : 9.7/16

34.645+/-44.585 χ^2/NDF : 1.6/16

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 117.873+/-0.044 χ^2/NDF : 63539.5/6

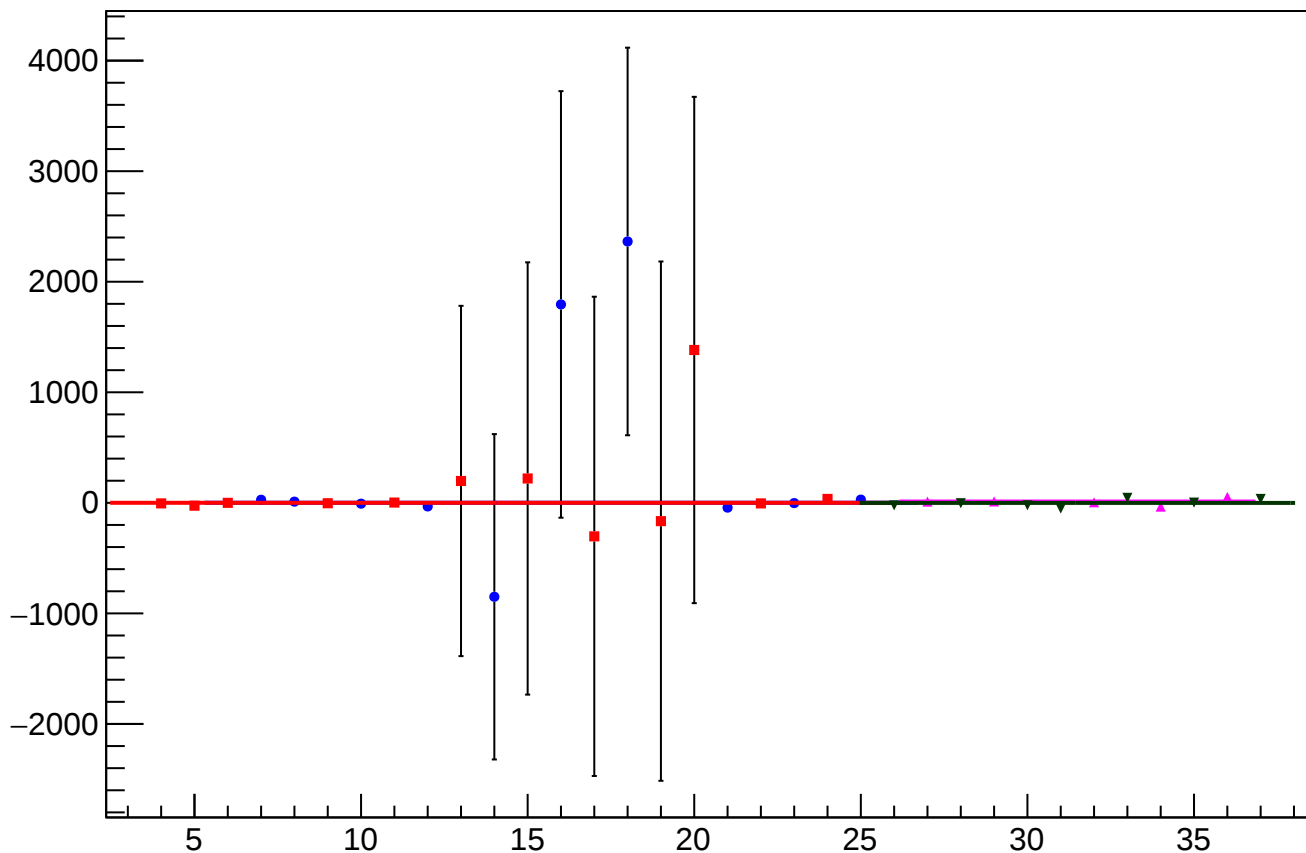
Right Out: 132.646+/-0.048 χ^2/NDF : 5120067.3/11

Left In: 109.675+/-0.042 χ^2/NDF : 93334.6/4

131.697+/-0.033 χ^2/NDF : 4531292.3/16

119.534+/-0.032 χ^2/NDF : 5343469.1/16

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: -0.559+/-8.866 χ^2/NDF : 10.4/6

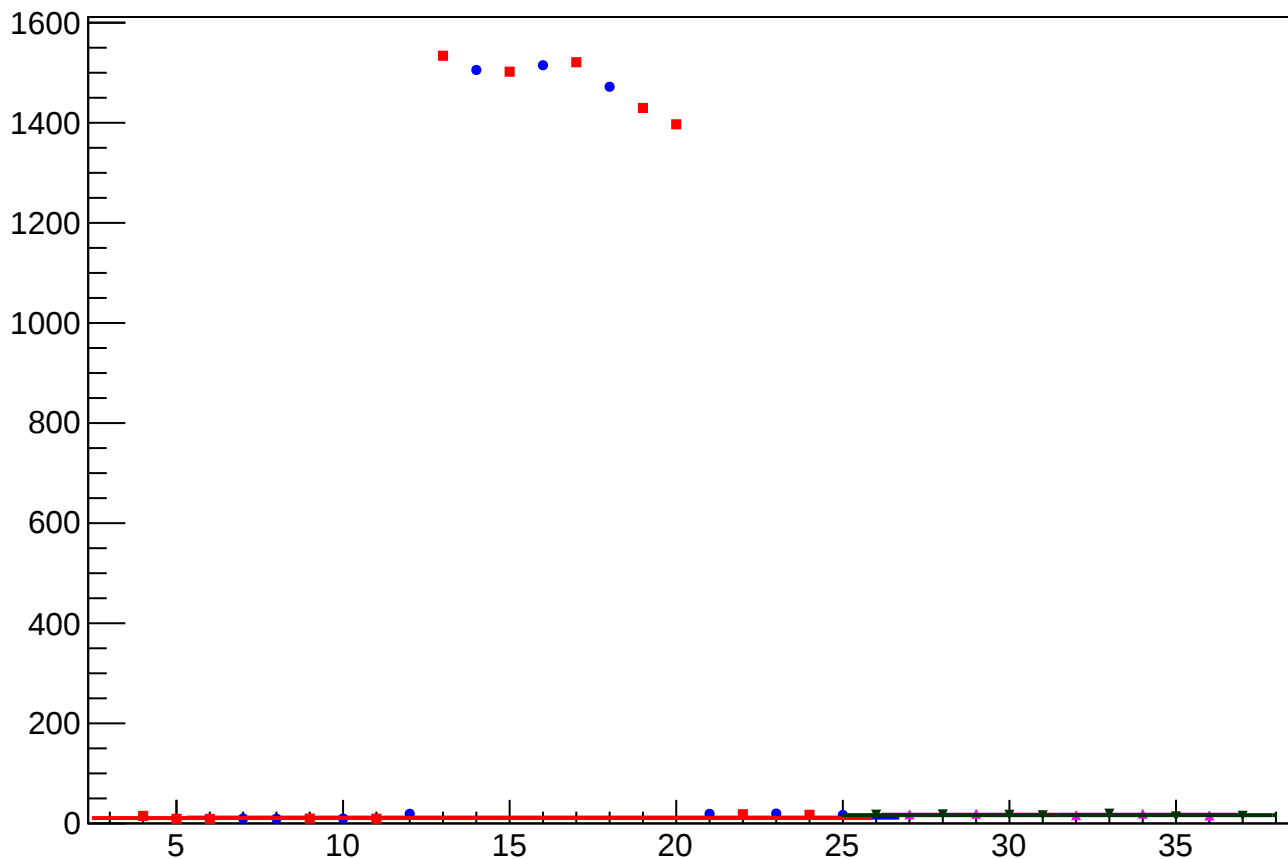
Right Out: 0.325+/-5.882 χ^2/NDF : 4.0/11

Left In: 11.939+/-9.590 χ^2/NDF : 6.0/4

0.458+/-5.080 χ^2/NDF : 22.2/16

3.500+/-5.014 χ^2/NDF : 11.0/16

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: 16.606+/-0.006 χ^2/NDF : 78862.0/6

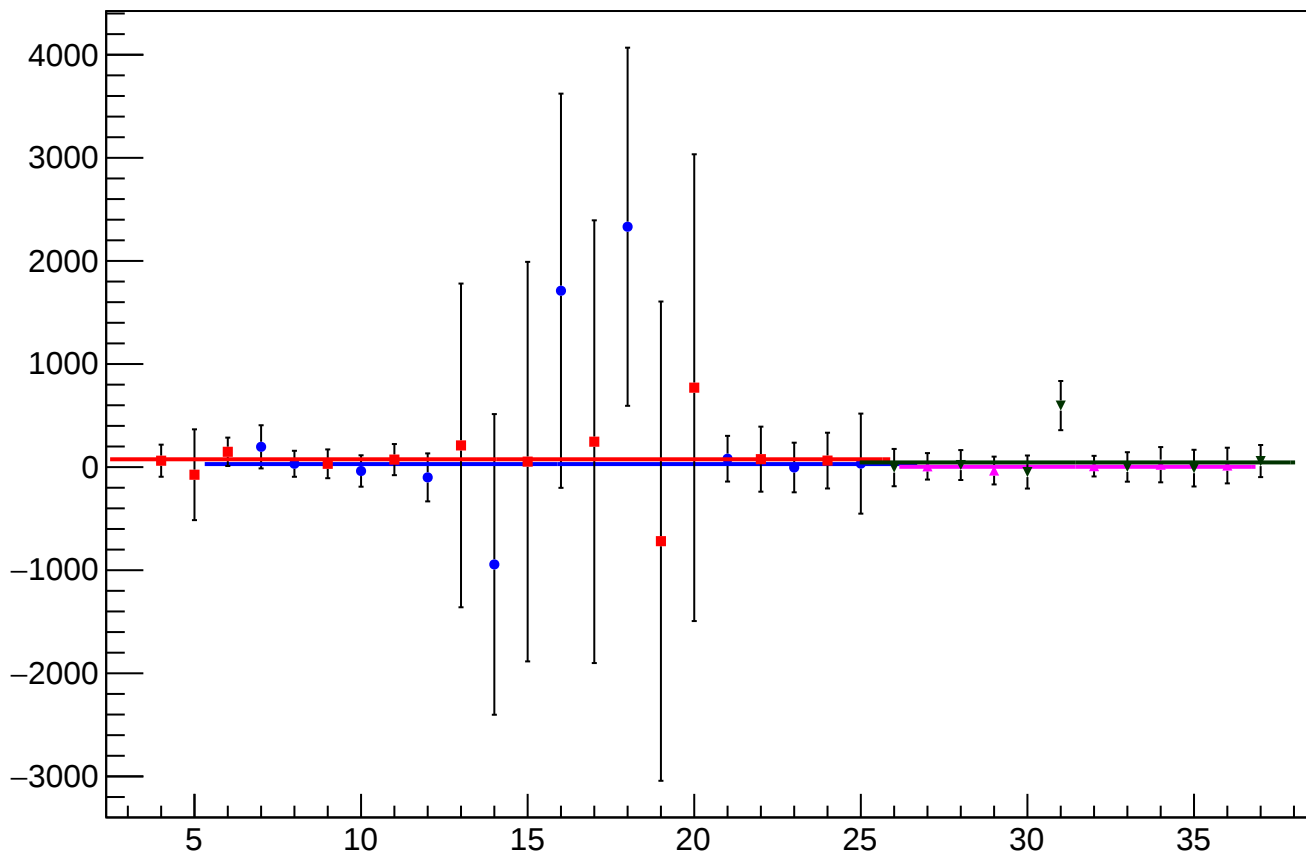
Right Out: 10.792+/-0.004 χ^2/NDF : 5922898.5/11

Left In: 17.628+/-0.007 χ^2/NDF : 46206.4/4

13.213+/-0.004 χ^2/NDF : 5882913.2/16

12.661+/-0.004 χ^2/NDF : 6707613.0/16

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: 45.524+/-62.478 χ^2/NDF : 6.0/6

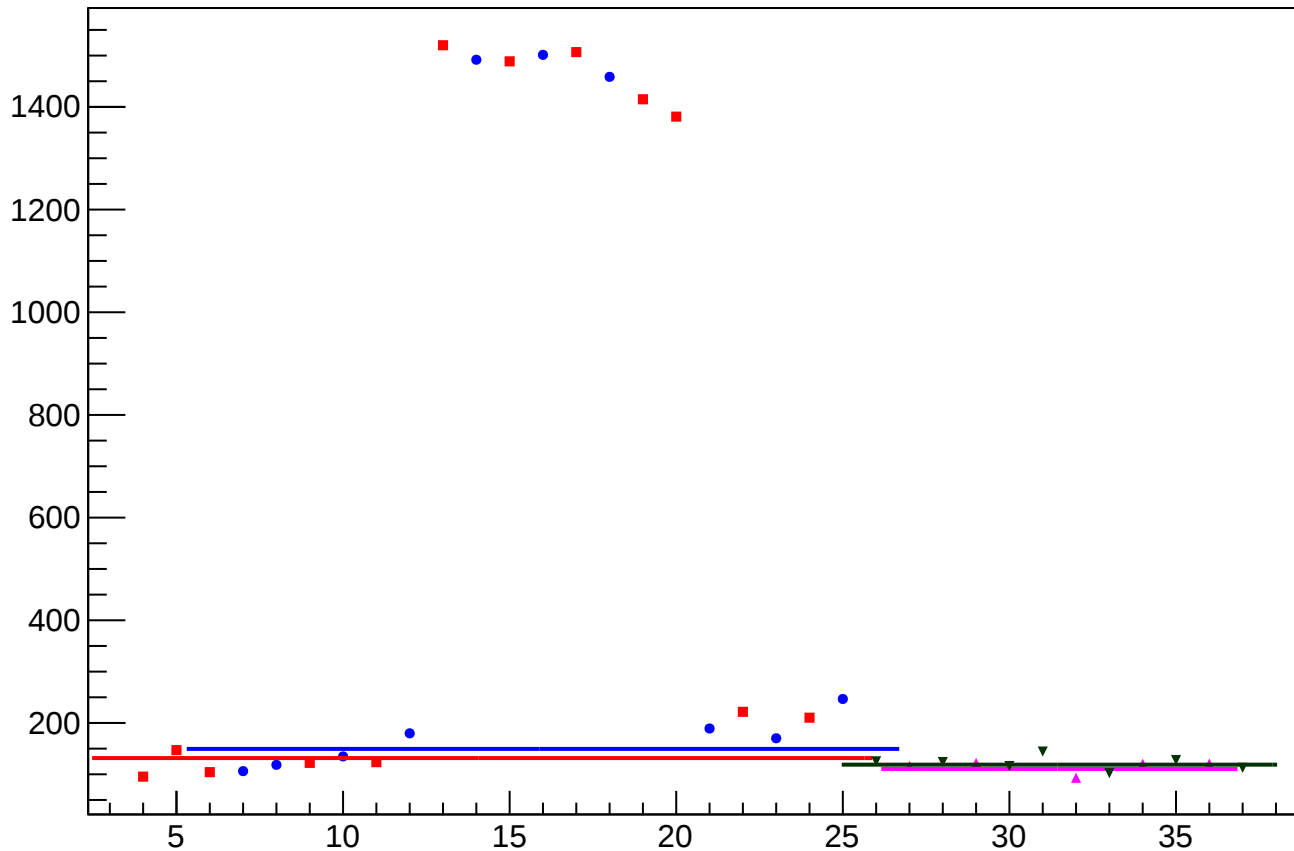
Right Out: 76.035+/-67.528 χ^2/NDF : 0.7/11

Left In: 3.174+/-59.422 χ^2/NDF : 0.1/4

38.690+/-47.333 χ^2/NDF : 10.2/16

34.971+/-44.610 χ^2/NDF : 1.5/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



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

Left Out: 118.780 +/- 0.044 χ^2/NDF : 63470.2/6

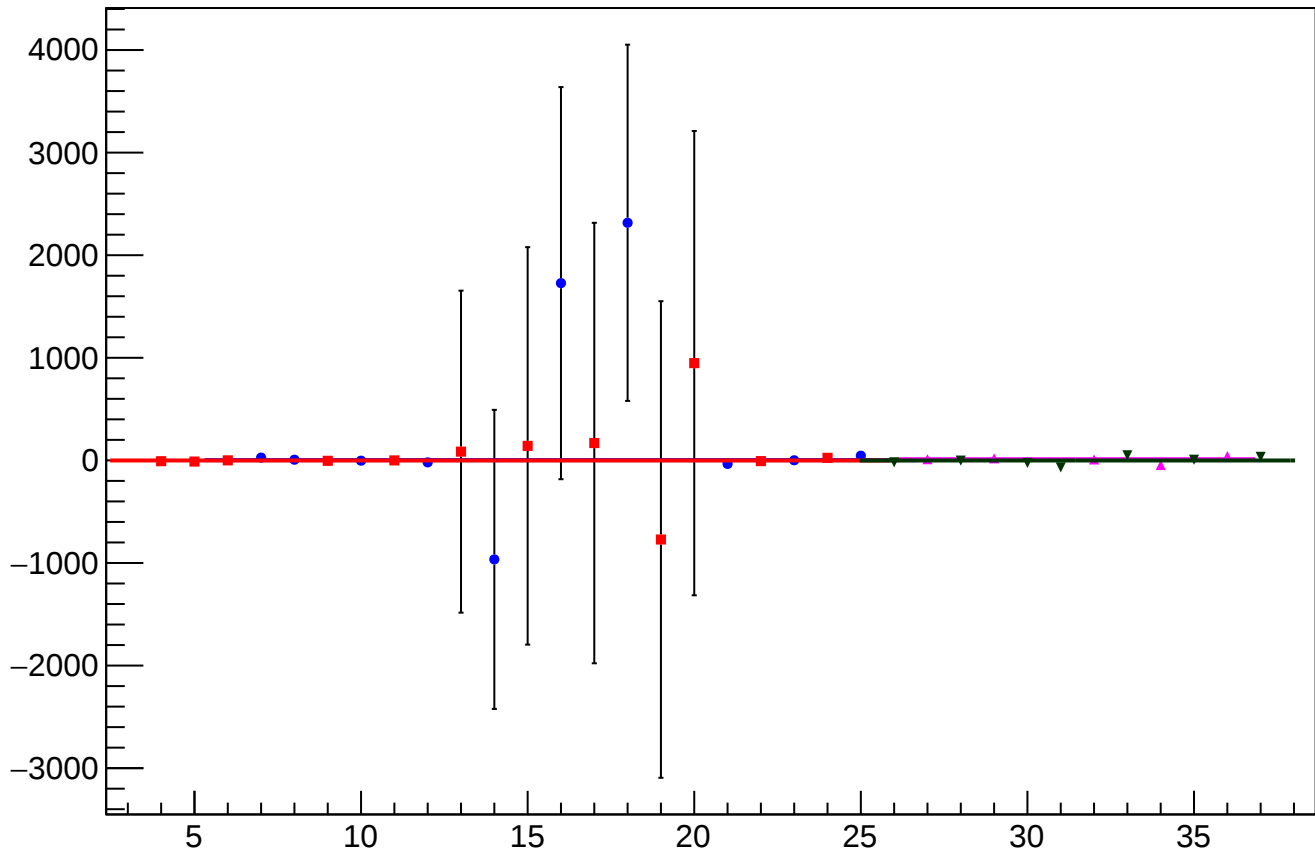
Right Out: 131.616 +/- 0.048 χ^2/NDF : 5120657.7/11

Left In: 110.427 +/- 0.042 χ^2/NDF : 93348.5/4

131.864 +/- 0.033 χ^2/NDF : 4519210.6/16

119.674 +/- 0.032 χ^2/NDF : 5324982.1/16

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: -0.913+/-8.613 χ^2/NDF : 13.9/6

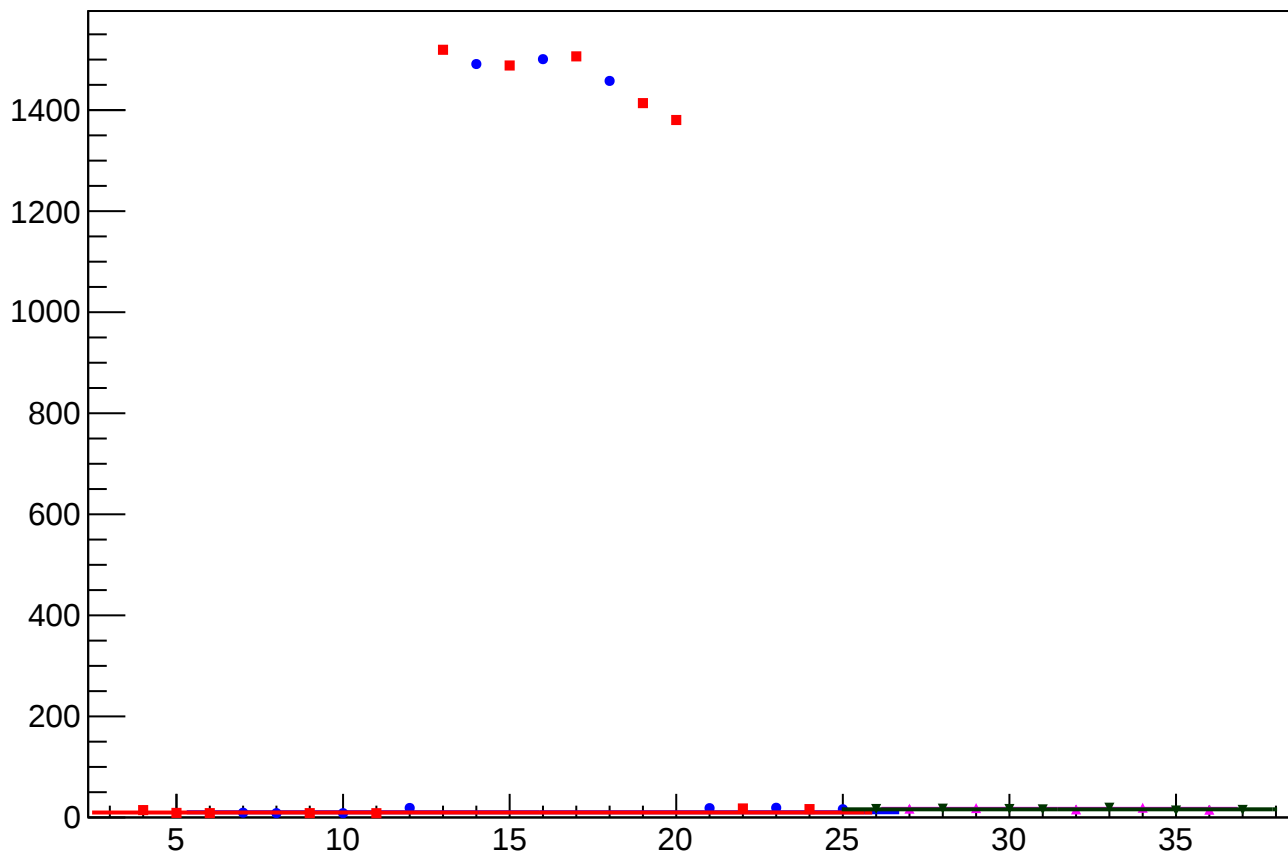
Right Out: -0.797+/-5.364 χ^2/NDF : 2.2/11

Left In: 11.706+/-9.315 χ^2/NDF : 6.1/4

1.564+/-4.693 χ^2/NDF : 24.1/16

2.317+/-4.648 χ^2/NDF : 9.6/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



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

Left Out: 16.108+/-0.006 χ^2/NDF : 72792.6/6

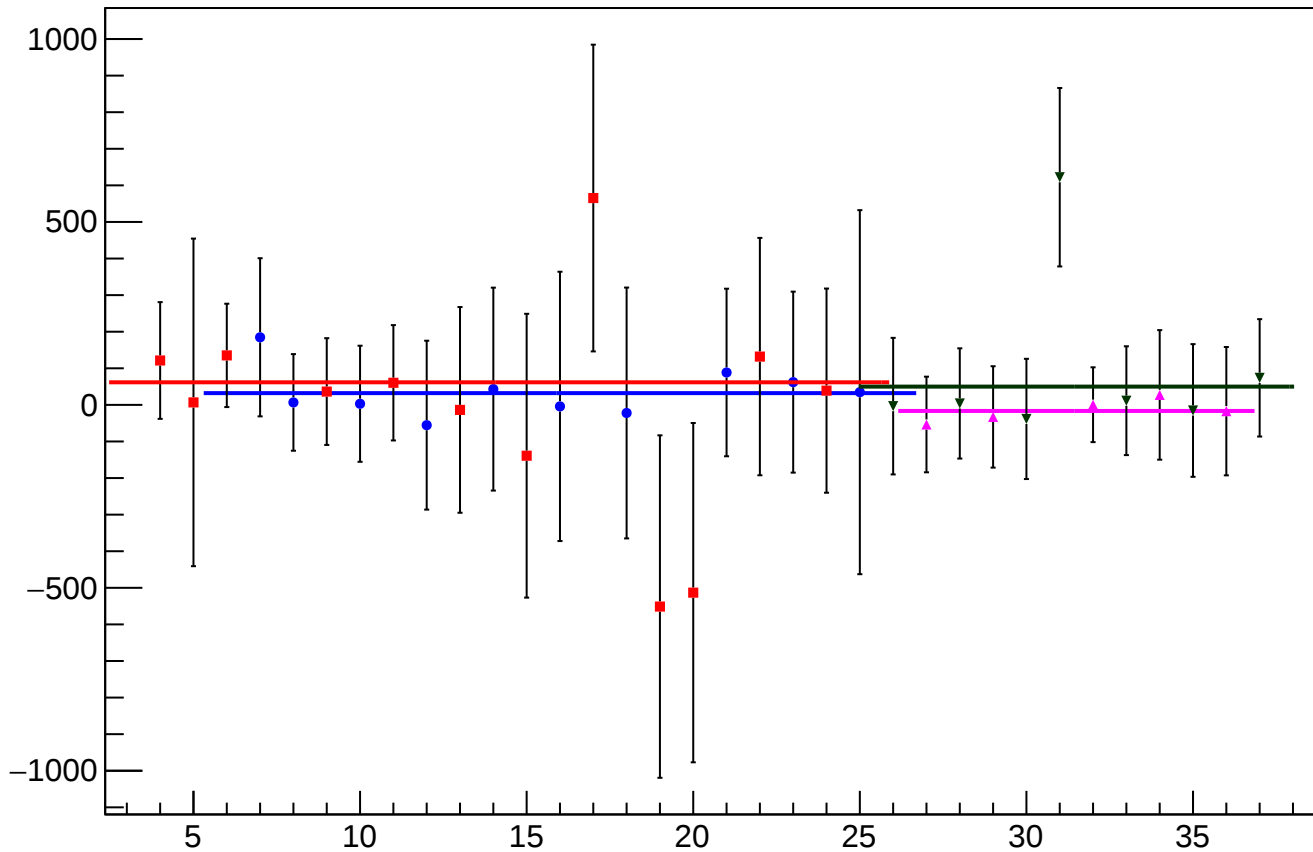
Right Out: 9.764+/-0.004 χ^2/NDF : 6008777.0/11

Left In: 17.087+/-0.007 χ^2/NDF : 42012.3/4

12.023+/-0.003 χ^2/NDF : 6228544.7/16

11.587+/-0.003 χ^2/NDF : 6979203.2/16

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: 49.942+/-64.404 χ^2/NDF : 6.2/6

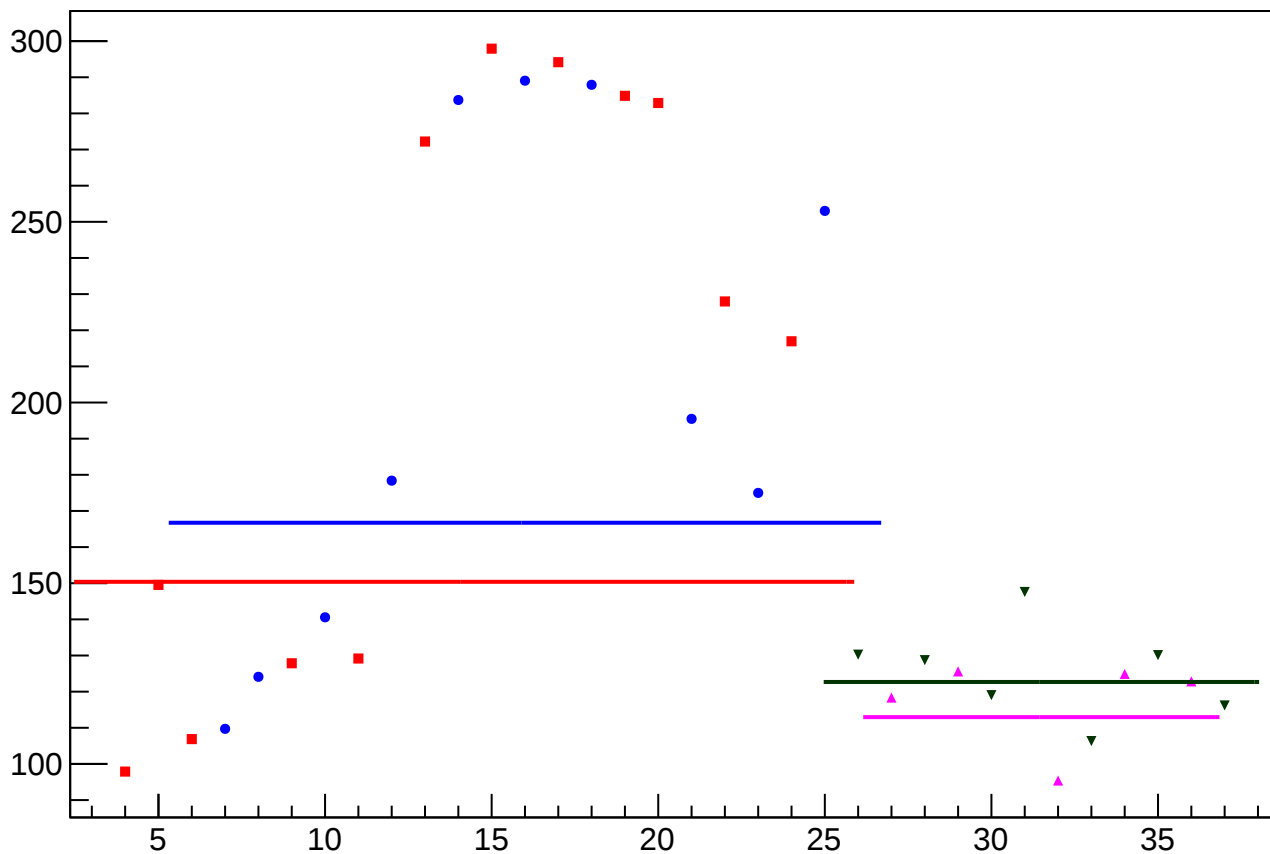
Right Out: 61.700+/-64.794 χ^2/NDF : 5.5/11

Left In: -16.600+/-60.781 χ^2/NDF : 0.2/4

41.750+/-47.315 χ^2/NDF : 7.0/16

20.050+/-44.330 χ^2/NDF : 6.5/16

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: 122.681 $\pm$ 0.046 χ^2/NDF : 59142.3/6

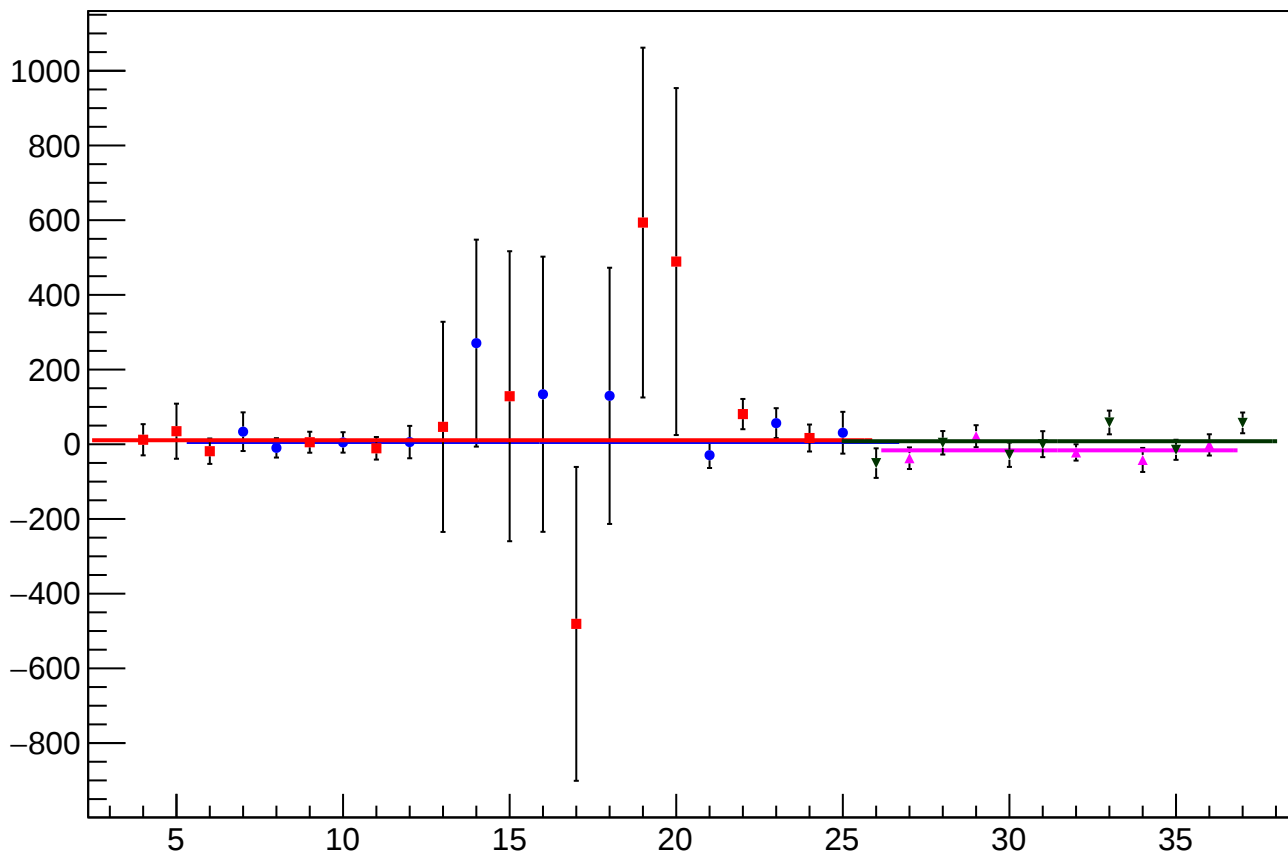
142.958 $\pm$ 0.033 χ^2/NDF : 1817451.7/16

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

130.477 $\pm$ 0.031 χ^2/NDF : 2396951.4/16

Left In: 112.952 $\pm$ 0.043 χ^2/NDF : 94493.5/4

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: 8.156 $\pm$ 11.878 χ^2 /NDF: 9.8/6

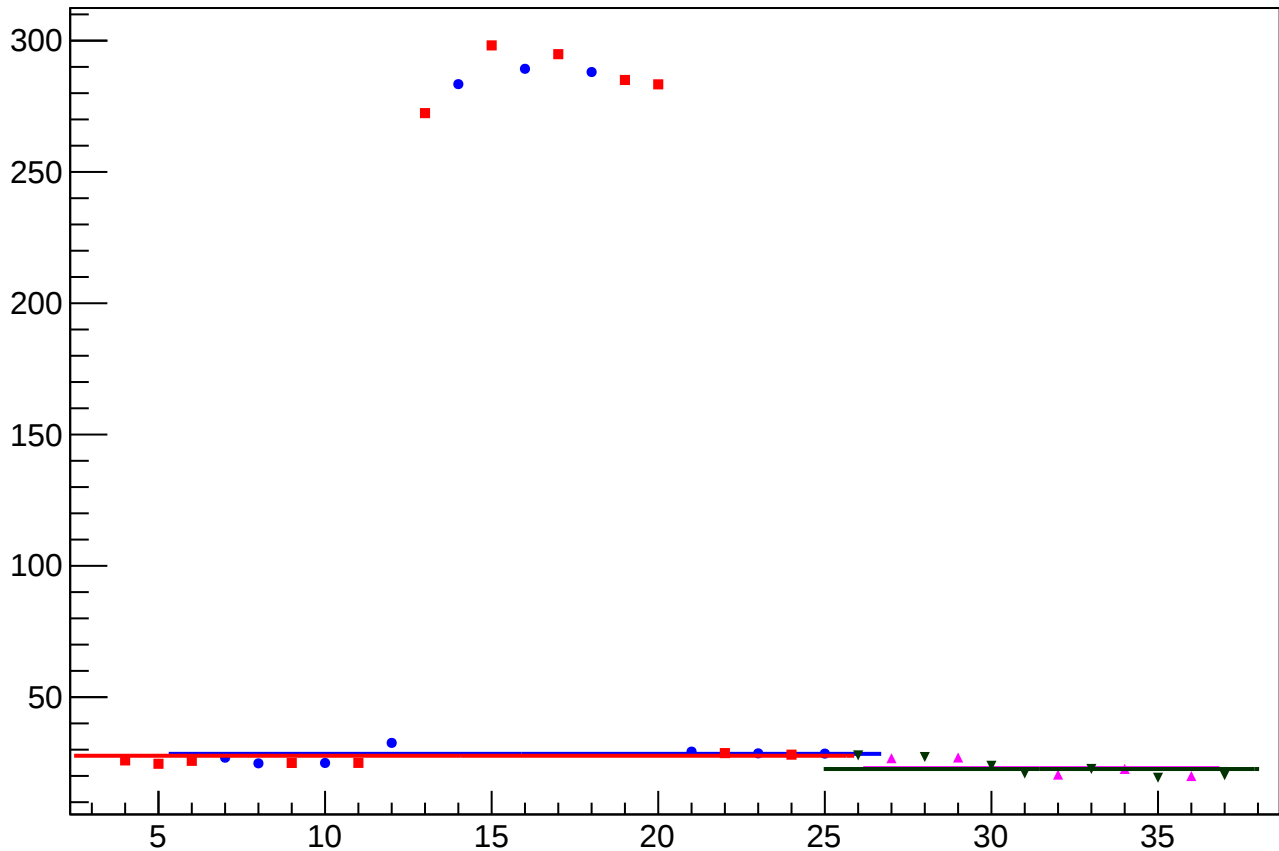
Right Out: 10.797 $\pm$ 13.610 χ^2 /NDF: 8.5/11

Left In: -16.254 $\pm$ 12.269 χ^2 /NDF: 3.1/4

7.280 $\pm$ 8.896 χ^2 /NDF: 14.5/16

-4.126 $\pm$ 9.113 χ^2 /NDF: 13.8/16

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: 22.631+/-0.008 χ^2/NDF : 129280.9/6

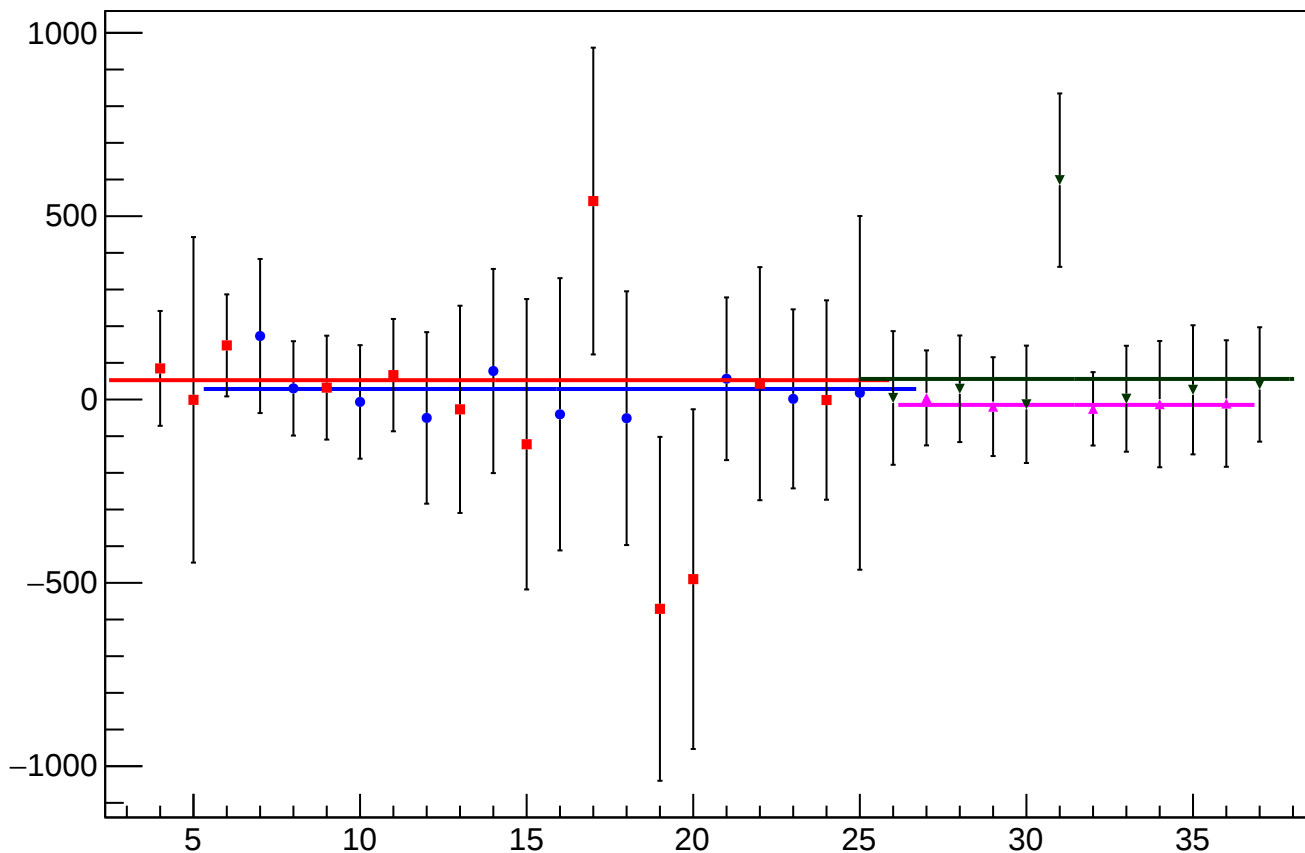
Right Out: 27.683+/-0.010 χ^2/NDF : 4553149.3/11

Left In: 22.979+/-0.009 χ^2/NDF : 120043.6/4

25.167+/-0.006 χ^2/NDF : 4272946.4/16

25.088+/-0.006 χ^2/NDF : 4804983.4/16

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: 56.131+/-62.546 χ^2/NDF : 5.7/6

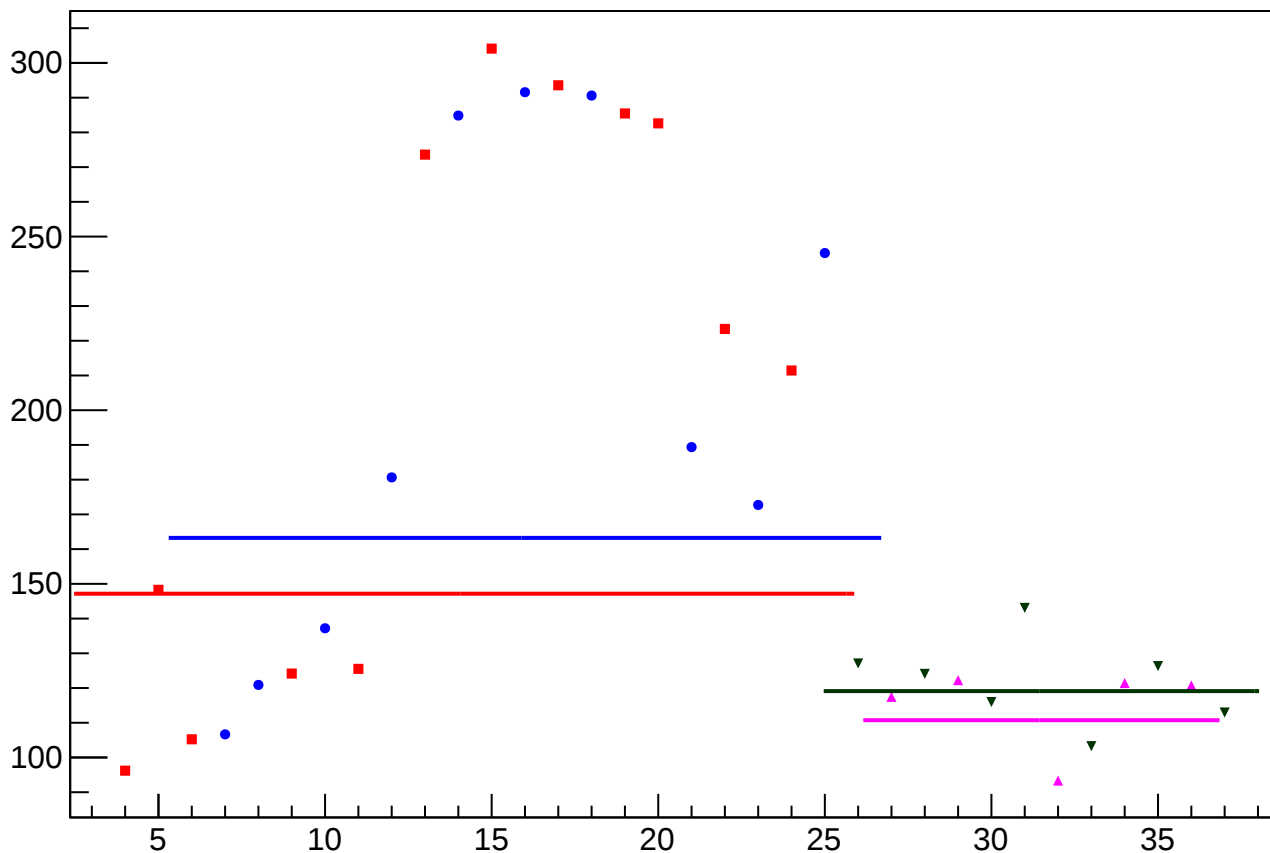
Right Out: 52.783+/-63.607 χ^2/NDF : 5.4/11

Left In: -14.643+/-59.569 χ^2/NDF : 0.0/4

43.664+/-46.198 χ^2/NDF : 6.6/16

16.862+/-43.479 χ^2/NDF : 6.0/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.238 $\pm$ 0.048 χ^2 /NDF: 1409159.9/9

Left Out: 119.111 $\pm$ 0.044 χ^2 /NDF: 58042.1/6

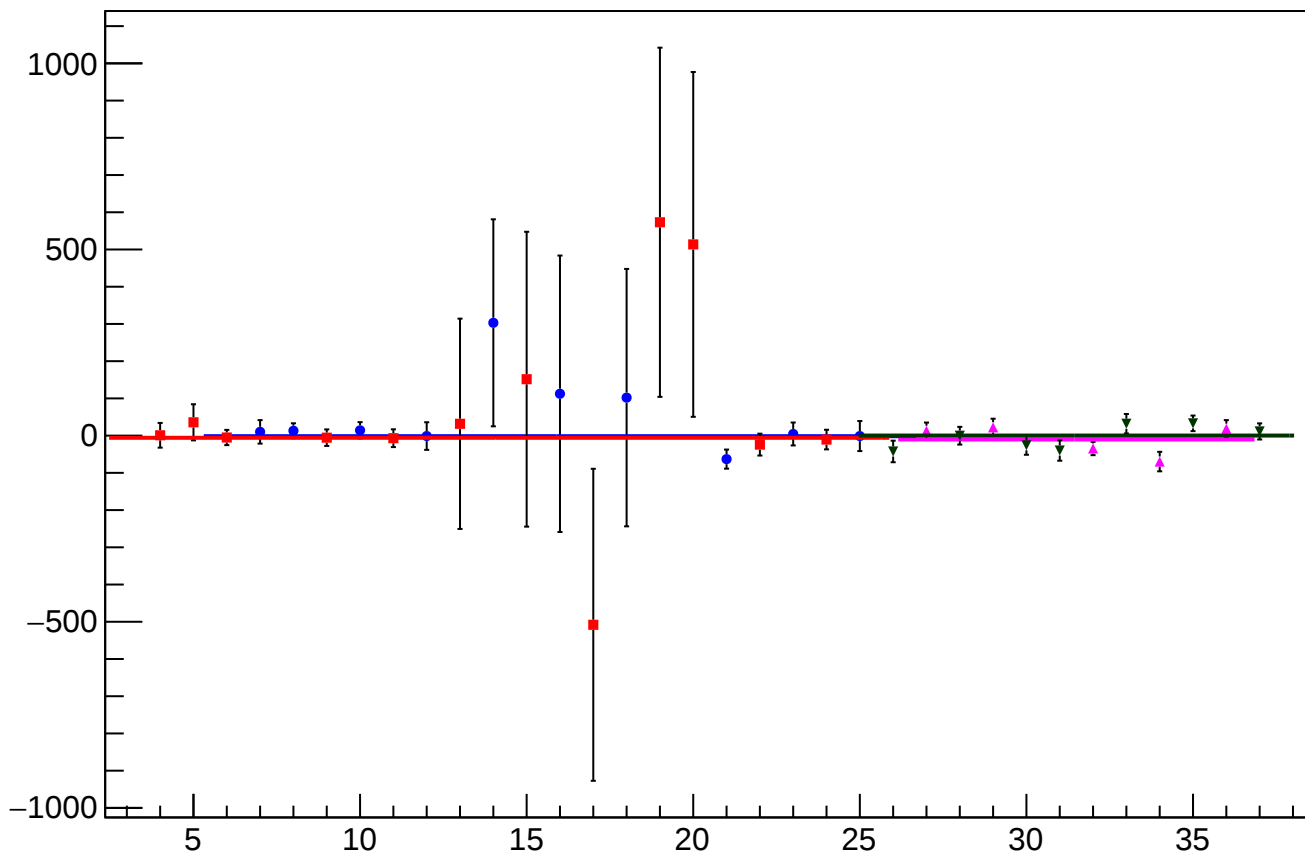
139.164 $\pm$ 0.033 χ^2 /NDF: 1919597.8/16

Right Out: 147.160 $\pm$ 0.045 χ^2 /NDF: 2017224.8/11

127.754 $\pm$ 0.031 χ^2 /NDF: 2461498.9/16

Left In: 110.734 $\pm$ 0.042 χ^2 /NDF: 94837.9/4

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



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

Left Out: 0.211 ± 9.246 $\chi^2/\text{NDF}: 9.6/6$

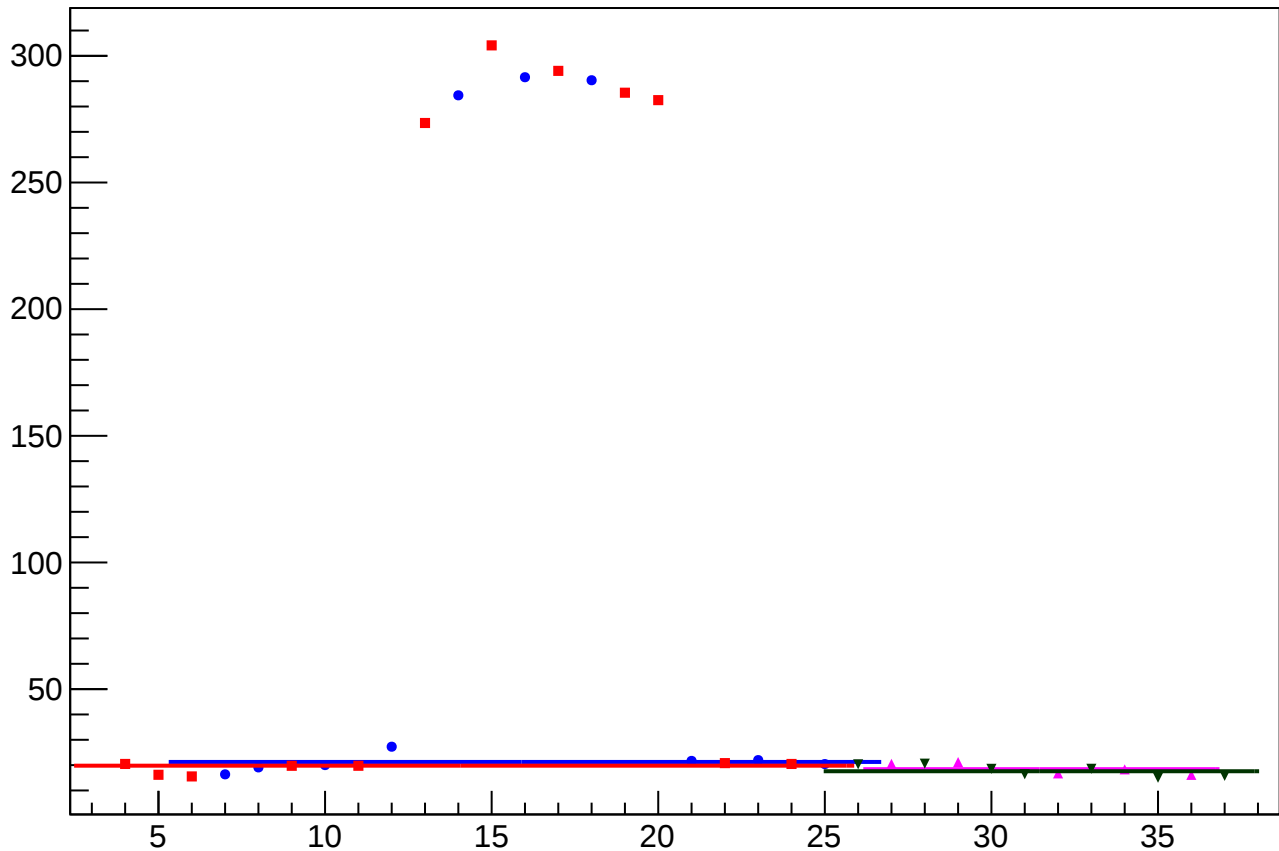
Right Out: -5.806 ± 9.942 $\chi^2/\text{NDF}: 5.6/11$

Left In: -10.337 ± 9.837 $\chi^2/\text{NDF}: 11.6/4$

-0.565 ± 6.865 $\chi^2/\text{NDF}: 18.0/16$

-8.096 ± 6.993 $\chi^2/\text{NDF}: 17.3/16$

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: 17.585+/-0.007 χ^2/NDF : 103236.3/6

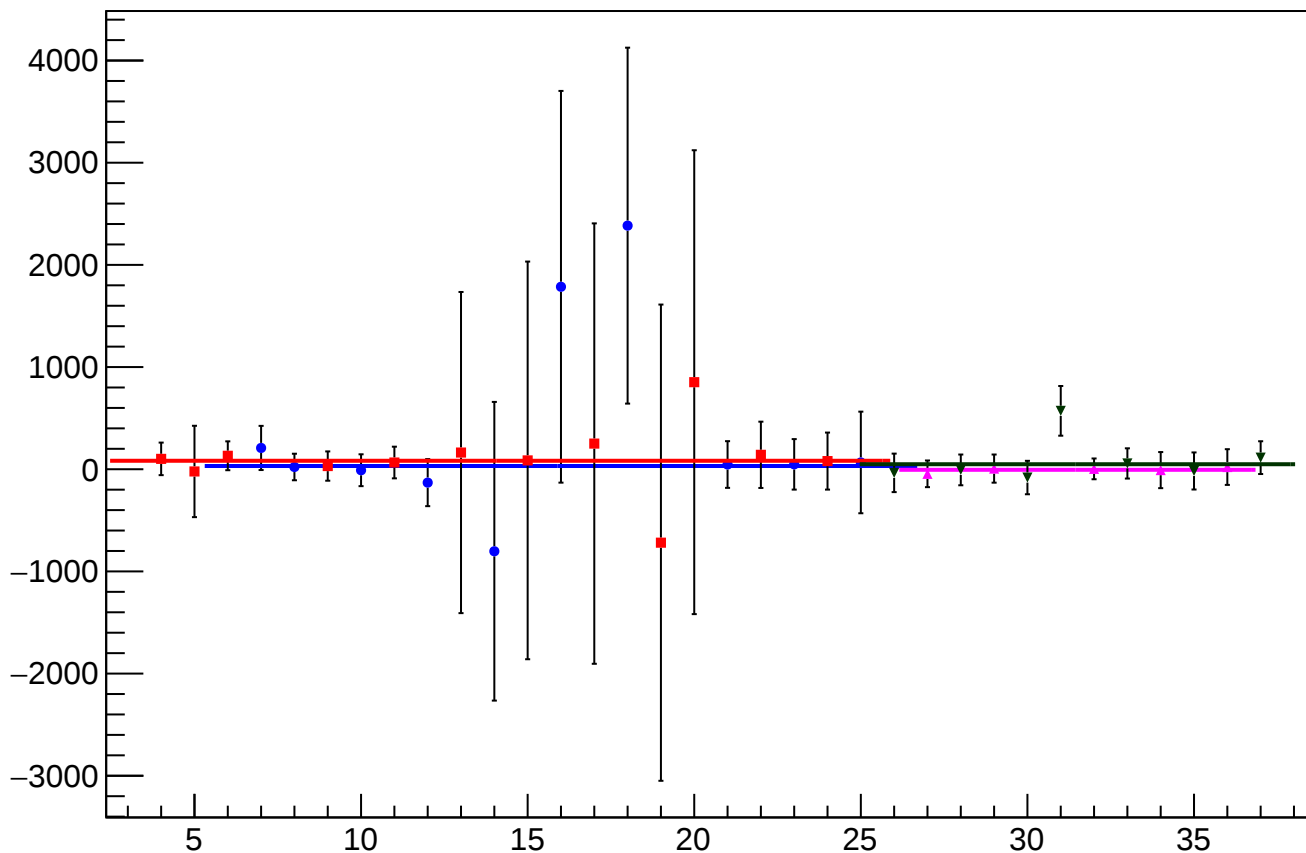
Right Out: 19.779+/-0.007 χ^2/NDF : 4888350.3/11

Left In: 18.406+/-0.007 χ^2/NDF : 83540.5/4

19.232+/-0.005 χ^2/NDF : 4441295.7/16

19.085+/-0.005 χ^2/NDF : 4991181.5/16

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: 48.975+/-64.345 χ^2/NDF : 5.9/6

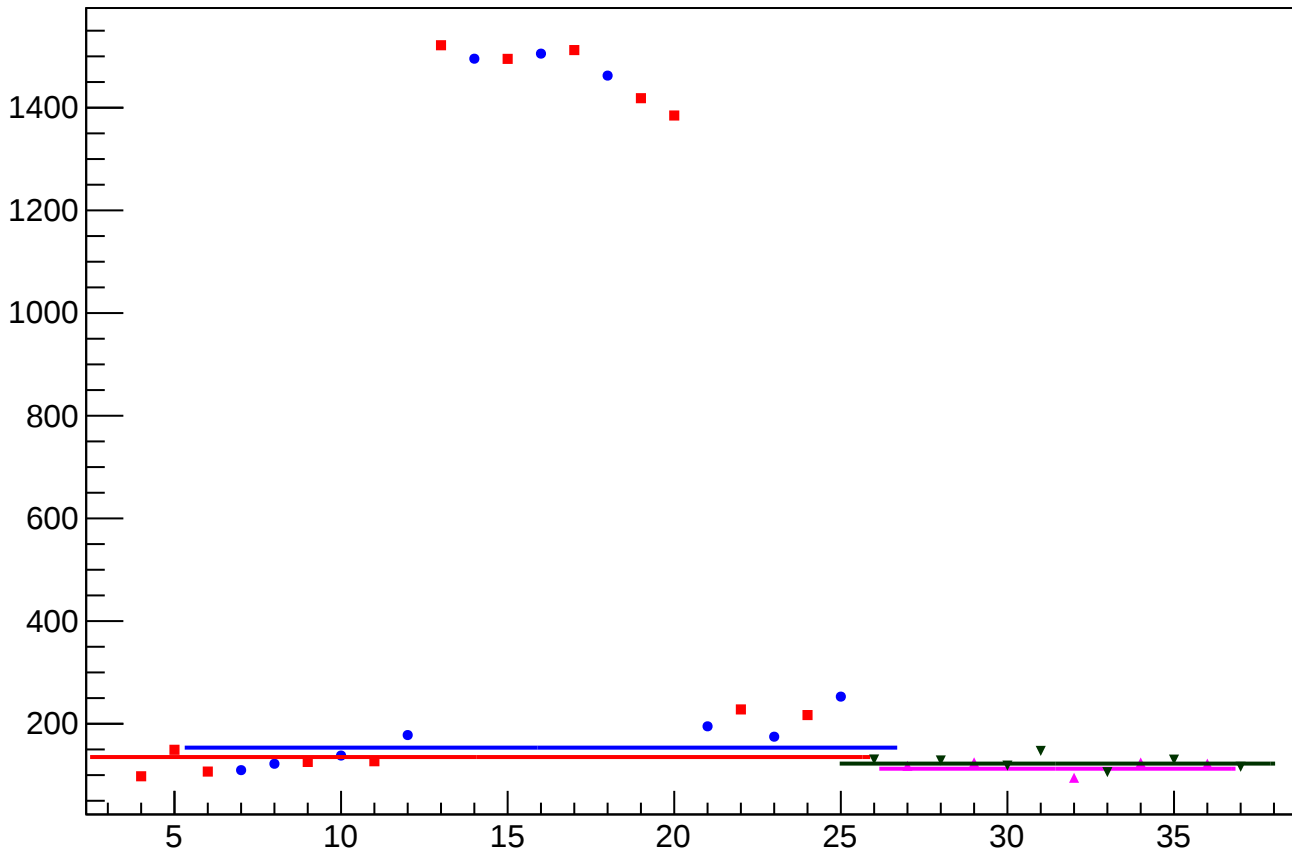
Right Out: 82.898+/-69.271 χ^2/NDF : 0.6/11

Left In: -5.608+/-60.520 χ^2/NDF : 0.1/4

41.517+/-48.630 χ^2/NDF : 10.2/16

32.705+/-45.576 χ^2/NDF : 1.7/16

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 153.522 $\pm$ 0.053 χ^2 /NDF: 4212358.6/9

Left Out: 122.425 $\pm$ 0.045 χ^2 /NDF: 60583.5/6

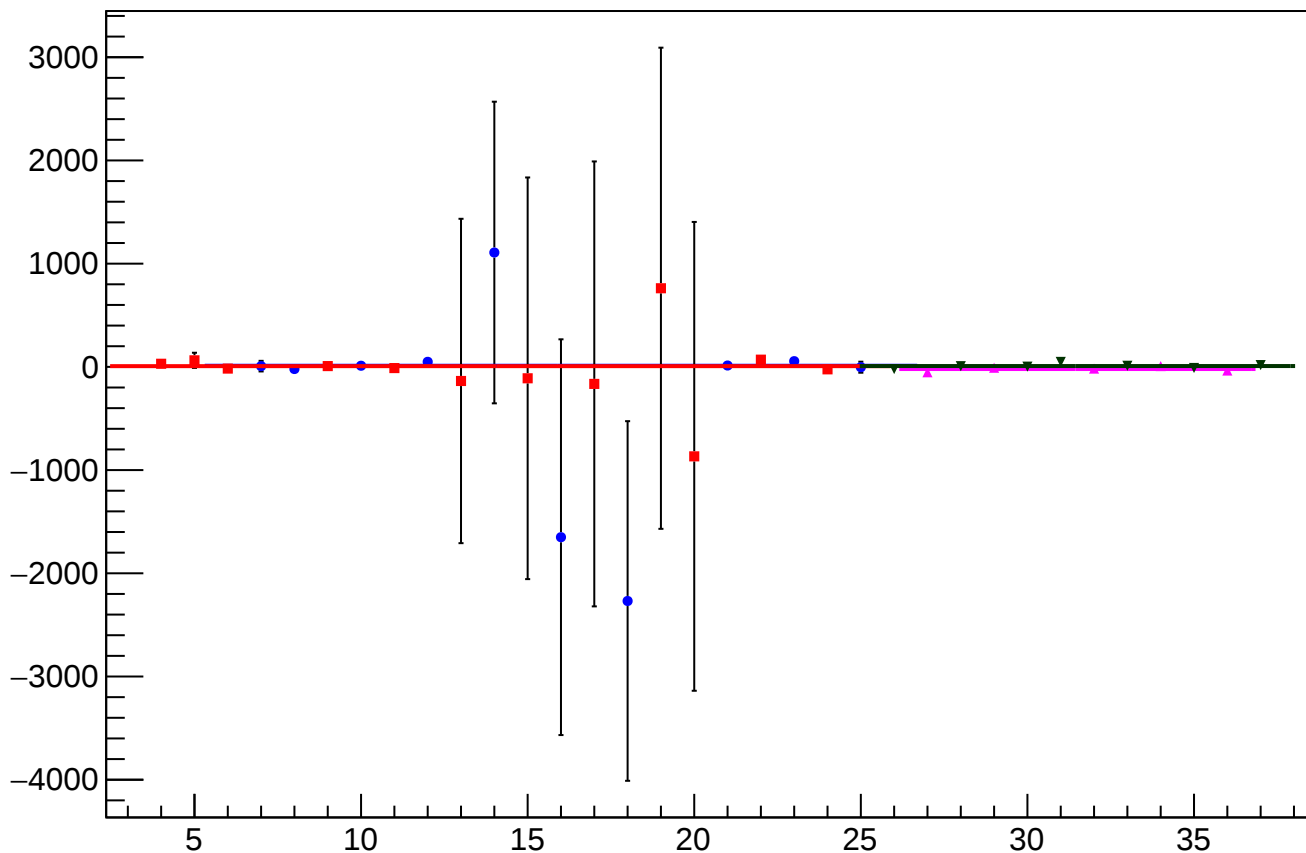
135.760 $\pm$ 0.034 χ^2 /NDF: 4473259.6/16

Right Out: 135.194 $\pm$ 0.049 χ^2 /NDF: 5104872.2/11

122.288 $\pm$ 0.032 χ^2 /NDF: 5323264.1/16

Left In: 112.437 $\pm$ 0.043 χ^2 /NDF: 95979.3/4

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: 7.981+/-11.270 χ^2/NDF : 2.8/6

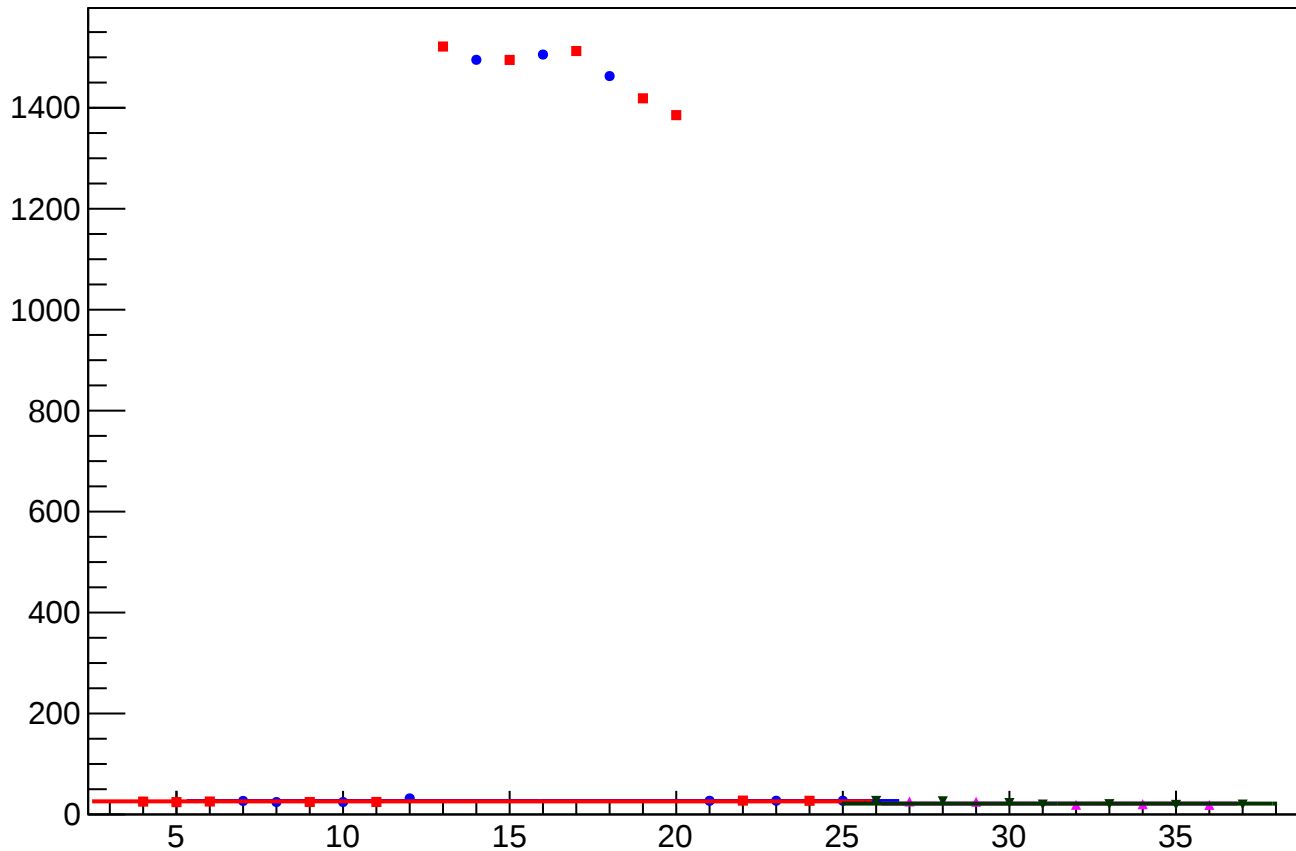
Right Out: 6.946+/-13.410 χ^2/NDF : 5.5/11

Left In: -20.856+/-11.453 χ^2/NDF : 2.8/4

9.173+/-8.532 χ^2/NDF : 9.6/16

-9.130+/-8.709 χ^2/NDF : 10.8/16

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: 21.510+/-0.008 χ^2/NDF : 125791.1/6

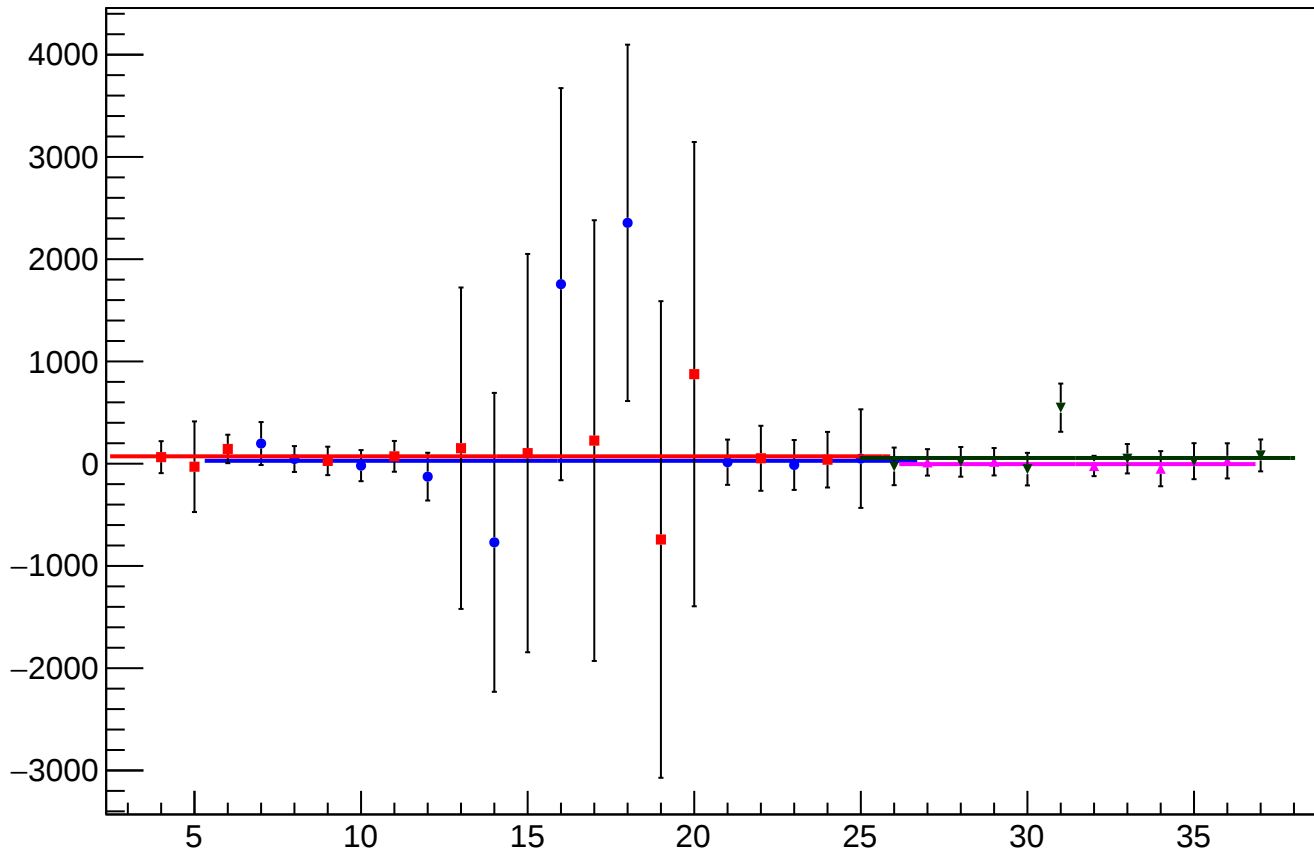
Right Out: 25.943+/-0.009 χ^2/NDF : 5346963.3/11

Left In: 21.514+/-0.008 χ^2/NDF : 130673.4/4

23.679+/-0.006 χ^2/NDF : 4923399.5/16

23.382+/-0.006 χ^2/NDF : 5603785.6/16

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: 55.895+/-62.477 χ^2/NDF : 5.2/6

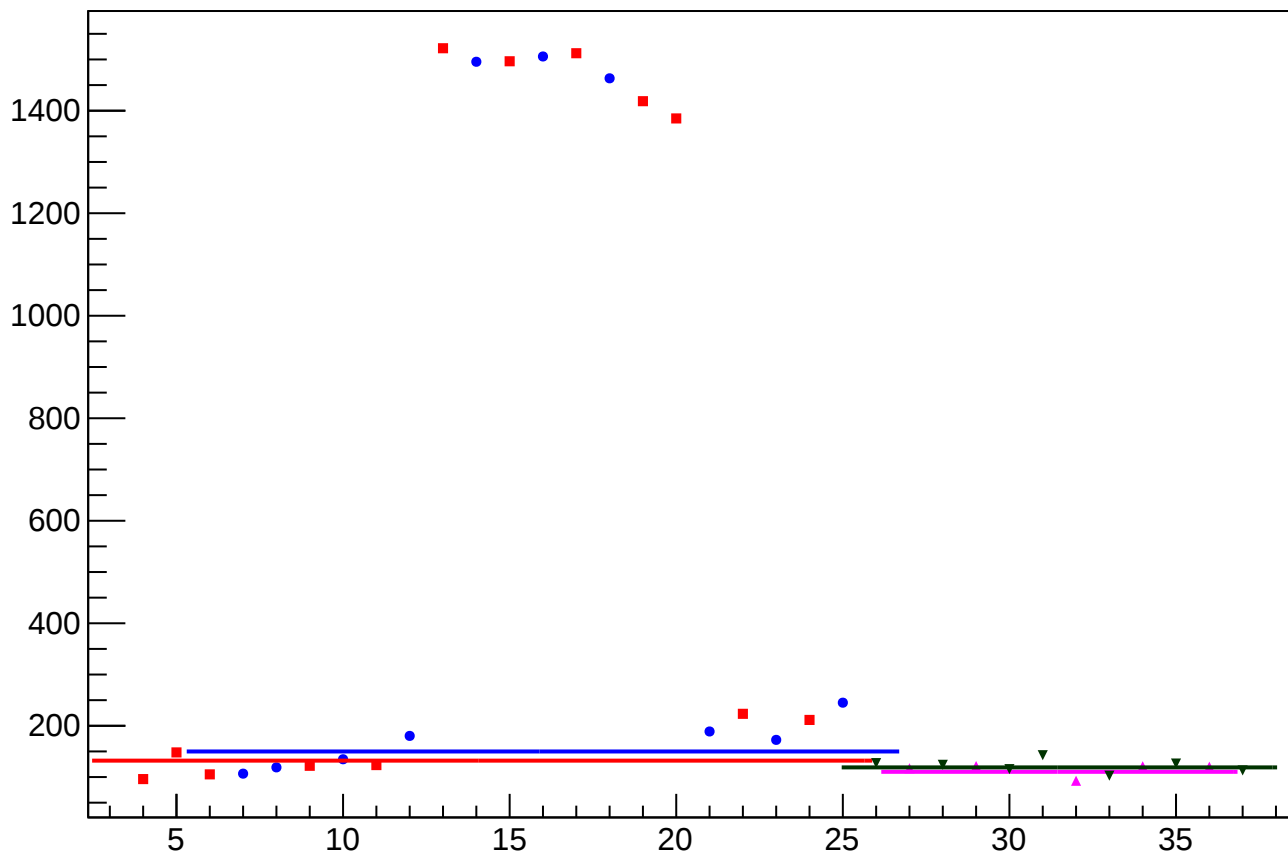
Right Out: 72.031+/-67.714 χ^2/NDF : 0.7/11

Left In: -4.020+/-59.299 χ^2/NDF : 0.2/4

44.167+/-47.376 χ^2/NDF : 9.4/16

28.989+/-44.611 χ^2/NDF : 1.6/16

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: 118.842 $\pm$ 0.044 χ^2 /NDF: 59520.4/6

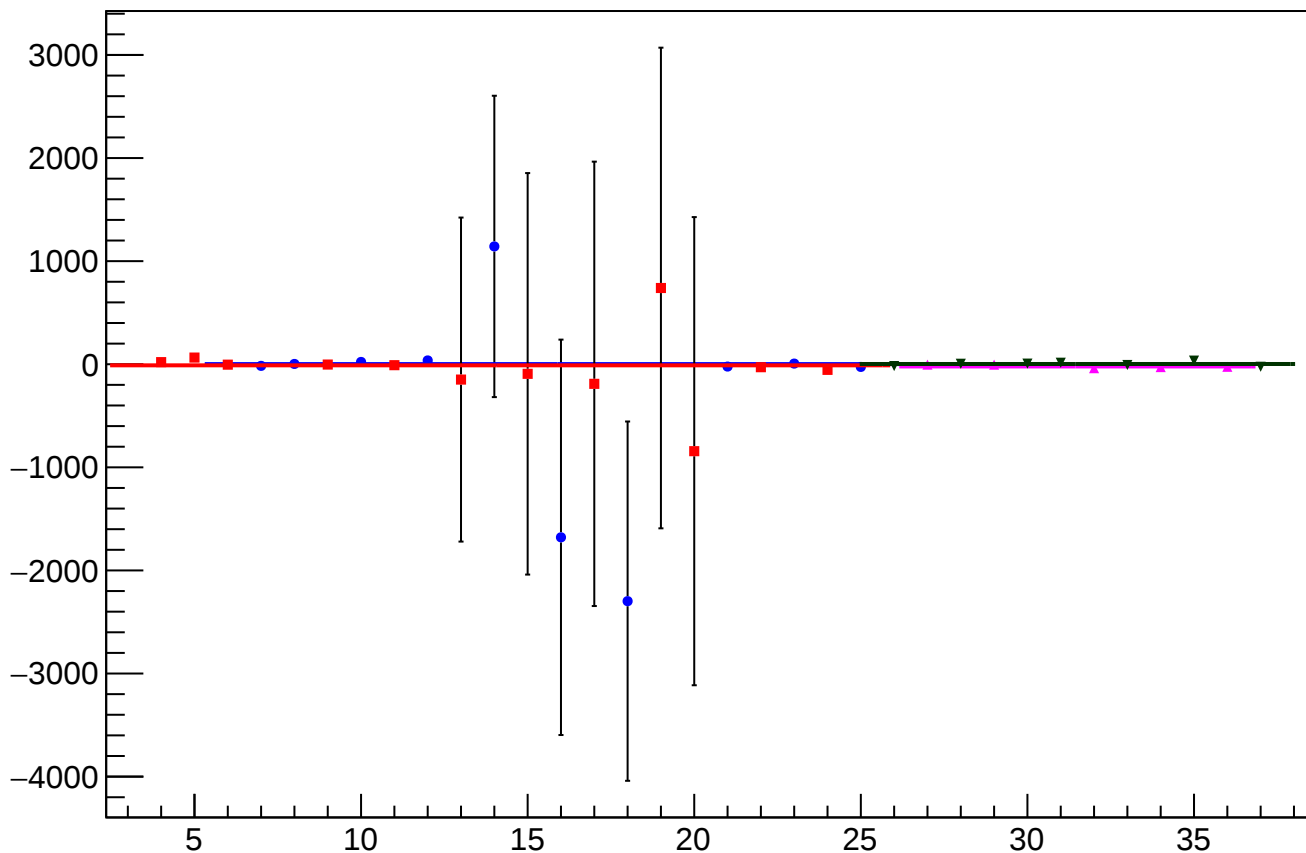
Right Out: 132.035 $\pm$ 0.048 χ^2 /NDF: 5119688.9/11

Left In: 110.200 $\pm$ 0.042 χ^2 /NDF: 96605.4/4

132.042 $\pm$ 0.033 χ^2 /NDF: 4517005.5/16

119.677 $\pm$ 0.032 χ^2 /NDF: 5333993.6/16

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: 2.421+/-8.587 χ^2/NDF : 5.3/6

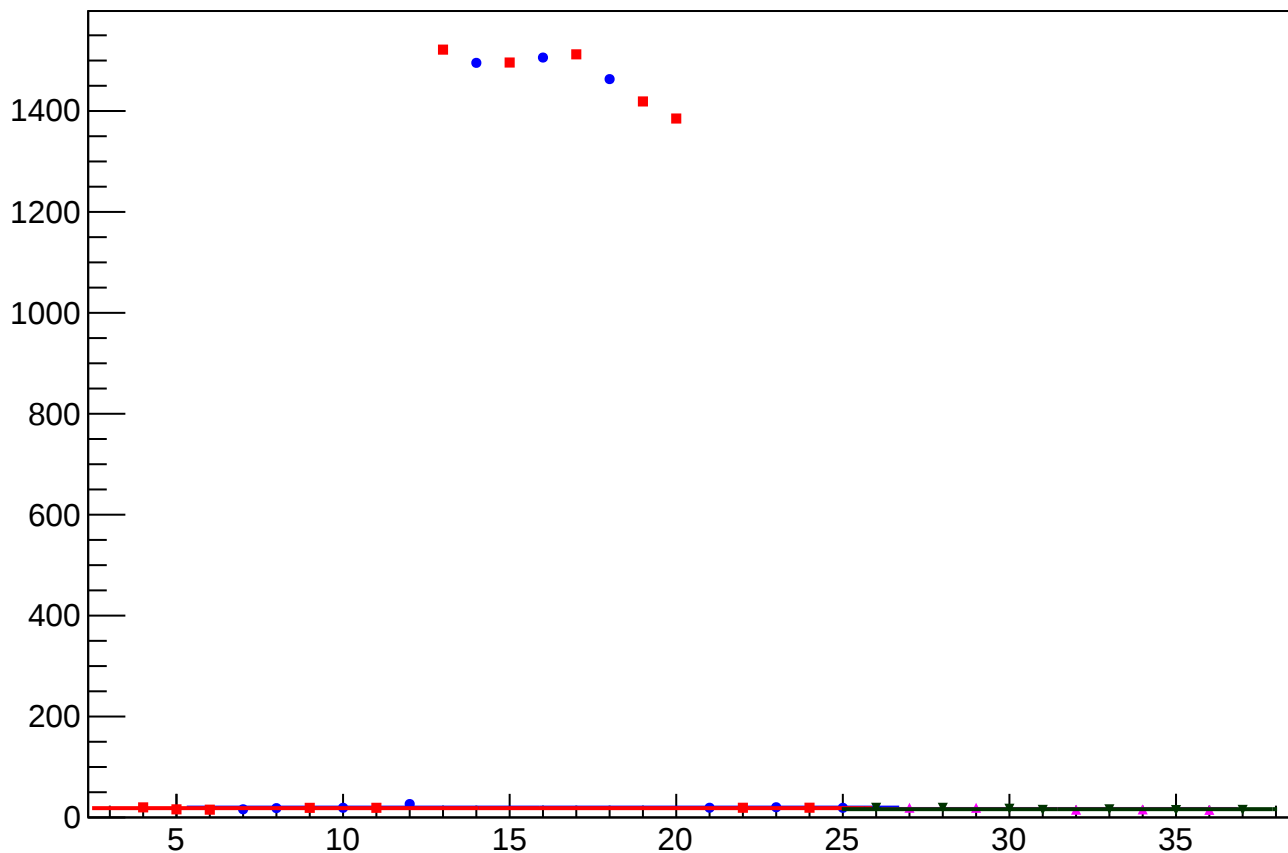
1.982+/-6.424 χ^2/NDF : 12.4/16

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

-16.401+/-6.541 χ^2/NDF : 10.8/16

Left In: -21.469+/-8.933 χ^2/NDF : 2.6/4

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 19.527+/-0.007 χ^2/NDF : 4722121.9/9

Left Out: 16.432+/-0.006 χ^2/NDF : 82701.3/6

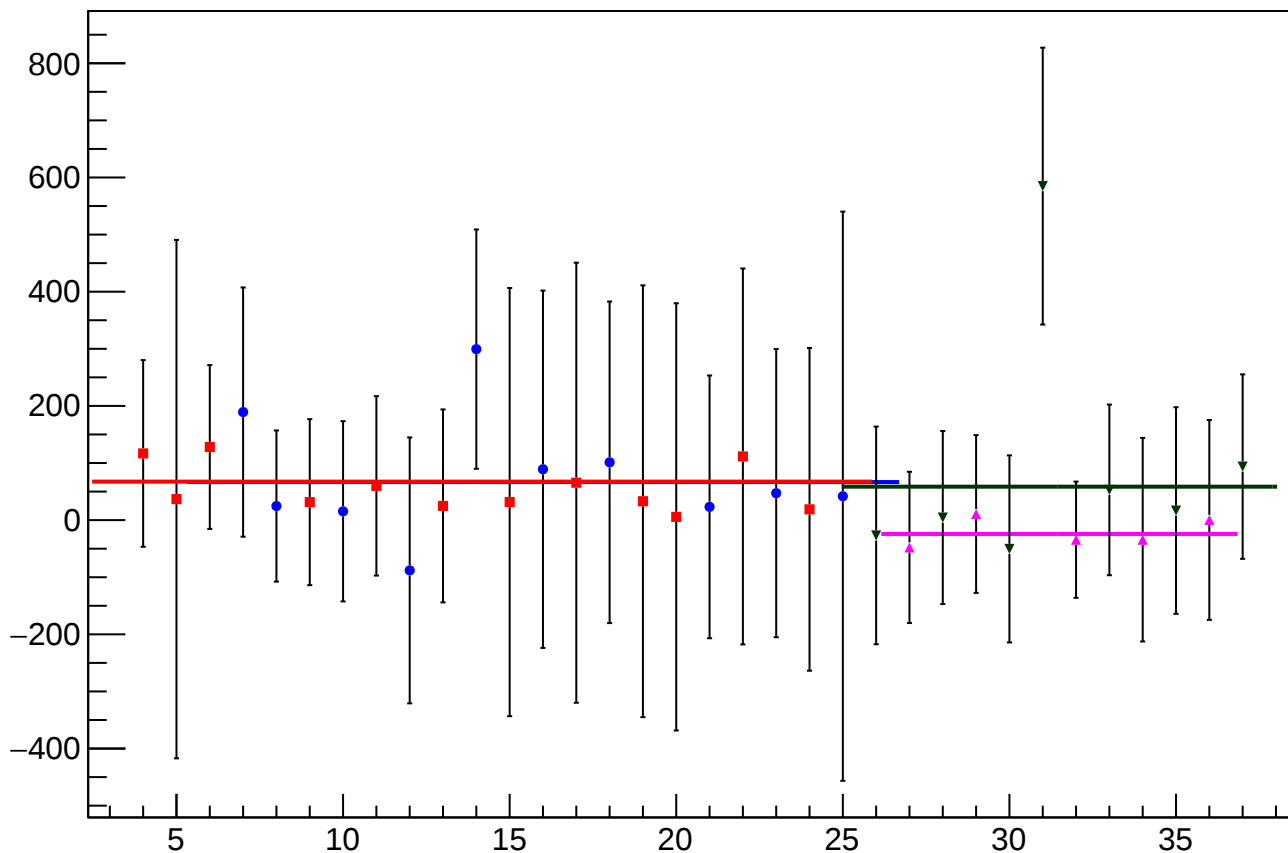
Right Out: 18.441+/-0.007 χ^2/NDF : 5449094.8/11

Left In: 16.832+/-0.006 χ^2/NDF : 84064.2/4

17.795+/-0.005 χ^2/NDF : 4919251.2/16

17.578+/-0.005 χ^2/NDF : 5563266.0/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 66.691 $\pm$ 67.281 χ^2 /NDF: 2.3/9

Left Out: 58.581 $\pm$ 64.676 χ^2 /NDF: 5.6/6

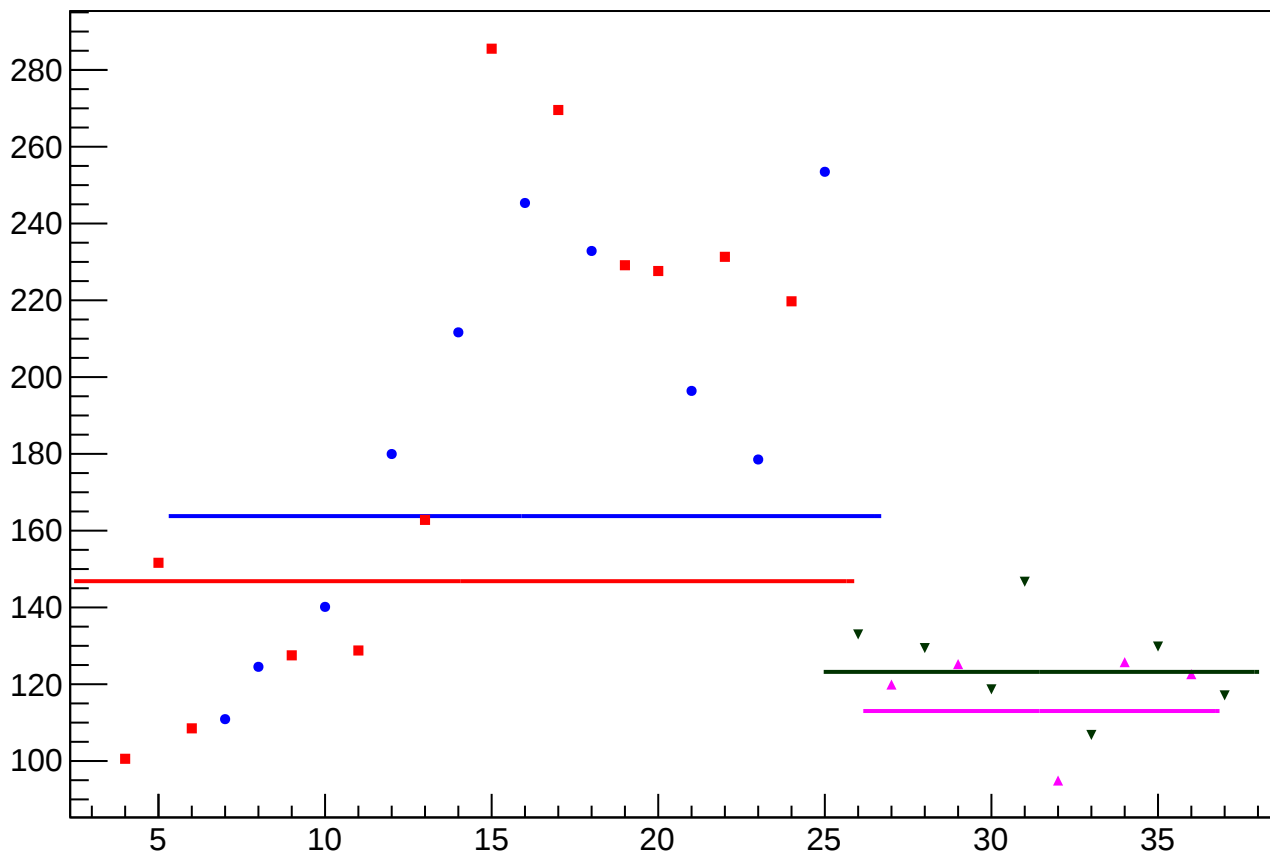
Right Out: 67.441 $\pm$ 61.599 χ^2 /NDF: 0.5/11

Left In: -24.218 $\pm$ 60.844 χ^2 /NDF: 0.1/4

62.476 $\pm$ 46.627 χ^2 /NDF: 7.9/16

21.047 $\pm$ 43.287 χ^2 /NDF: 1.7/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



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

Left Out: 123.215+/-0.046 χ^2/NDF : 58601.4/6

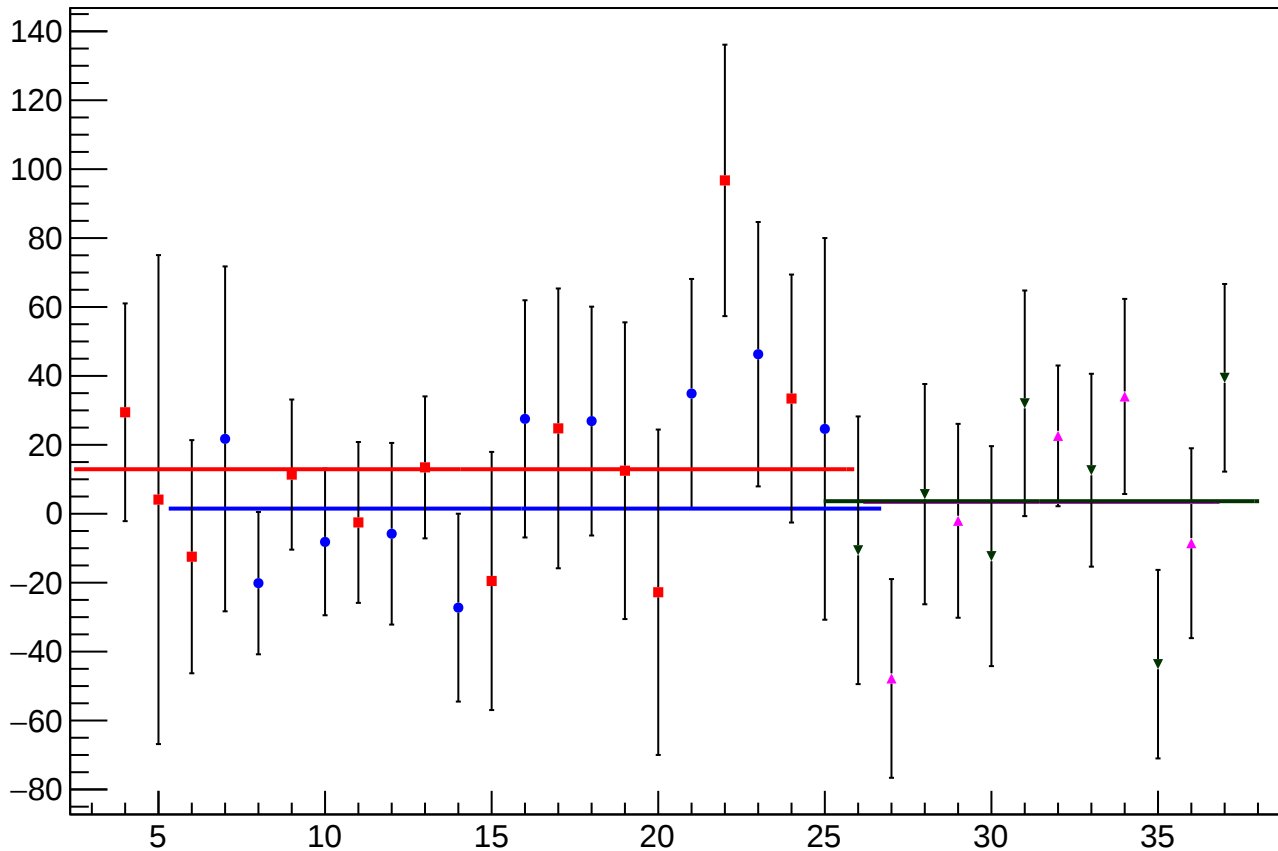
Right Out: 146.841+/-0.044 χ^2/NDF : 1312358.0/11

Left In: 113.021+/-0.043 χ^2/NDF : 100617.1/4

142.703+/-0.033 χ^2/NDF : 1256979.8/16

129.722+/-0.031 χ^2/NDF : 1718138.6/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



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

Left Out: 3.648 ± 11.533 χ^2/NDF : 6.0/6

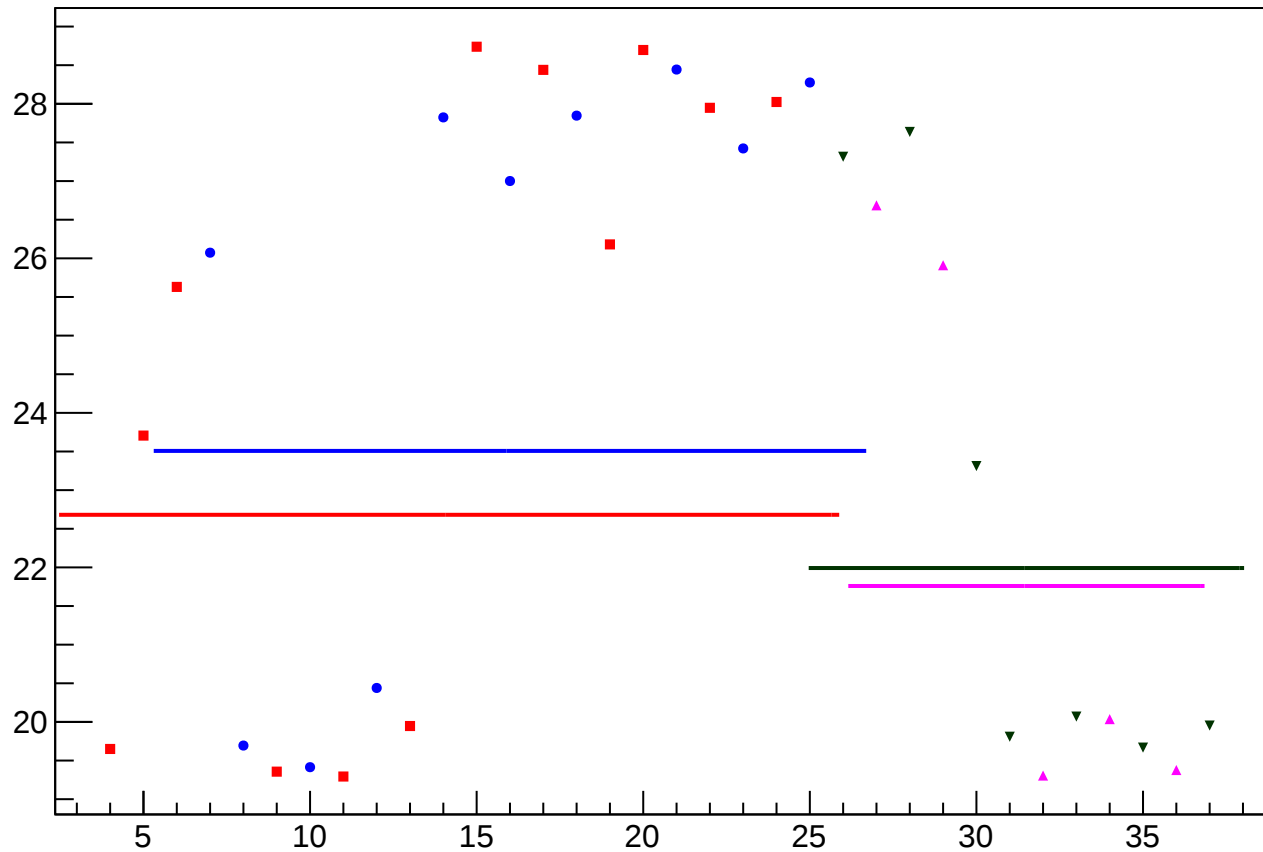
Right Out: 12.920 ± 9.091 χ^2/NDF : 7.6/11

Left In: 3.412 ± 11.602 χ^2/NDF : 5.4/4

2.353 ± 7.271 χ^2/NDF : 12.3/16

9.303 ± 7.156 χ^2/NDF : 13.4/16

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: 21.992 $\pm$ 0.008 χ^2 /NDF:147349.9/6

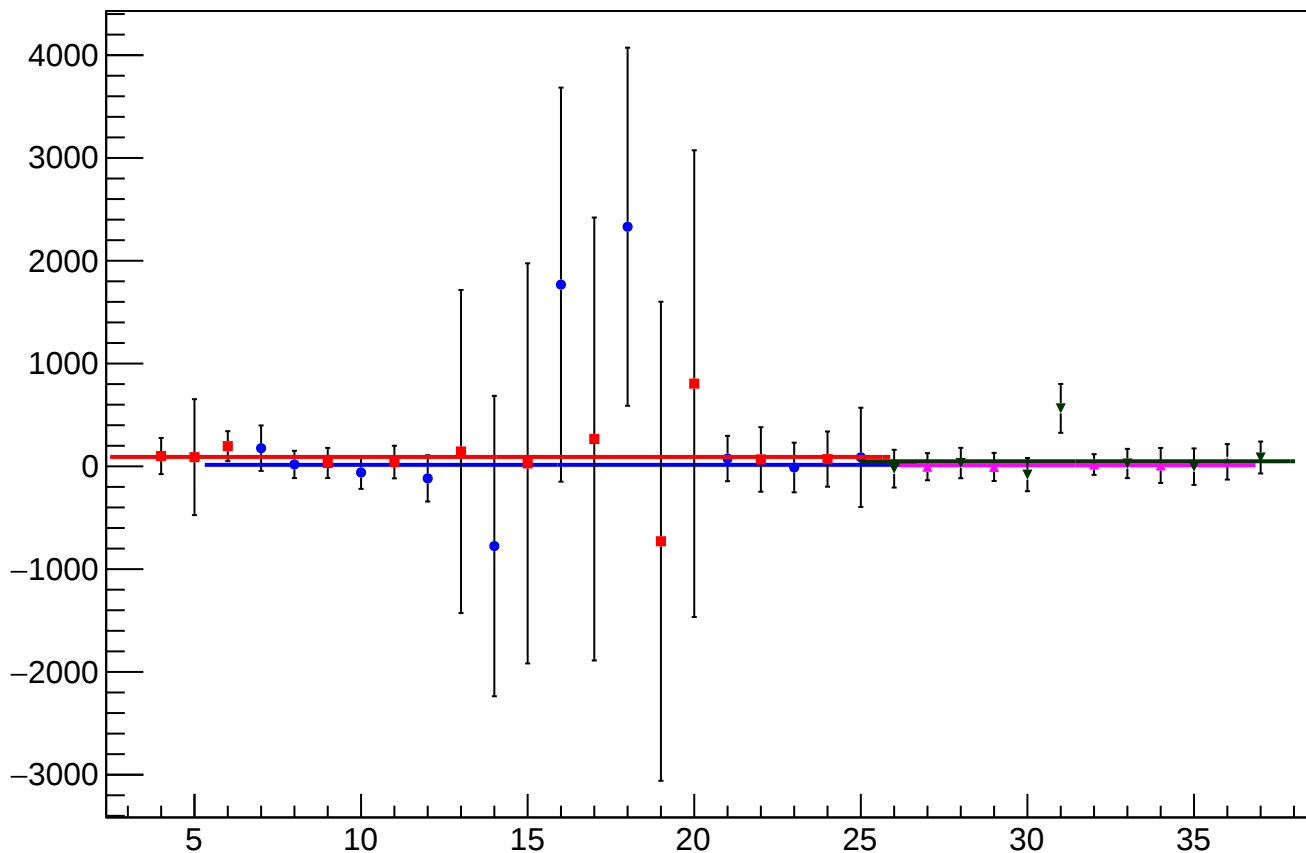
22.905 $\pm$ 0.005 χ^2 /NDF: 527334.4/16

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

22.330 $\pm$ 0.005 χ^2 /NDF: 537057.5/16

Left In: 21.759 $\pm$ 0.008 χ^2 /NDF:153161.7/4

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: 49.322+/-62.750 χ^2/NDF : 5.7/6

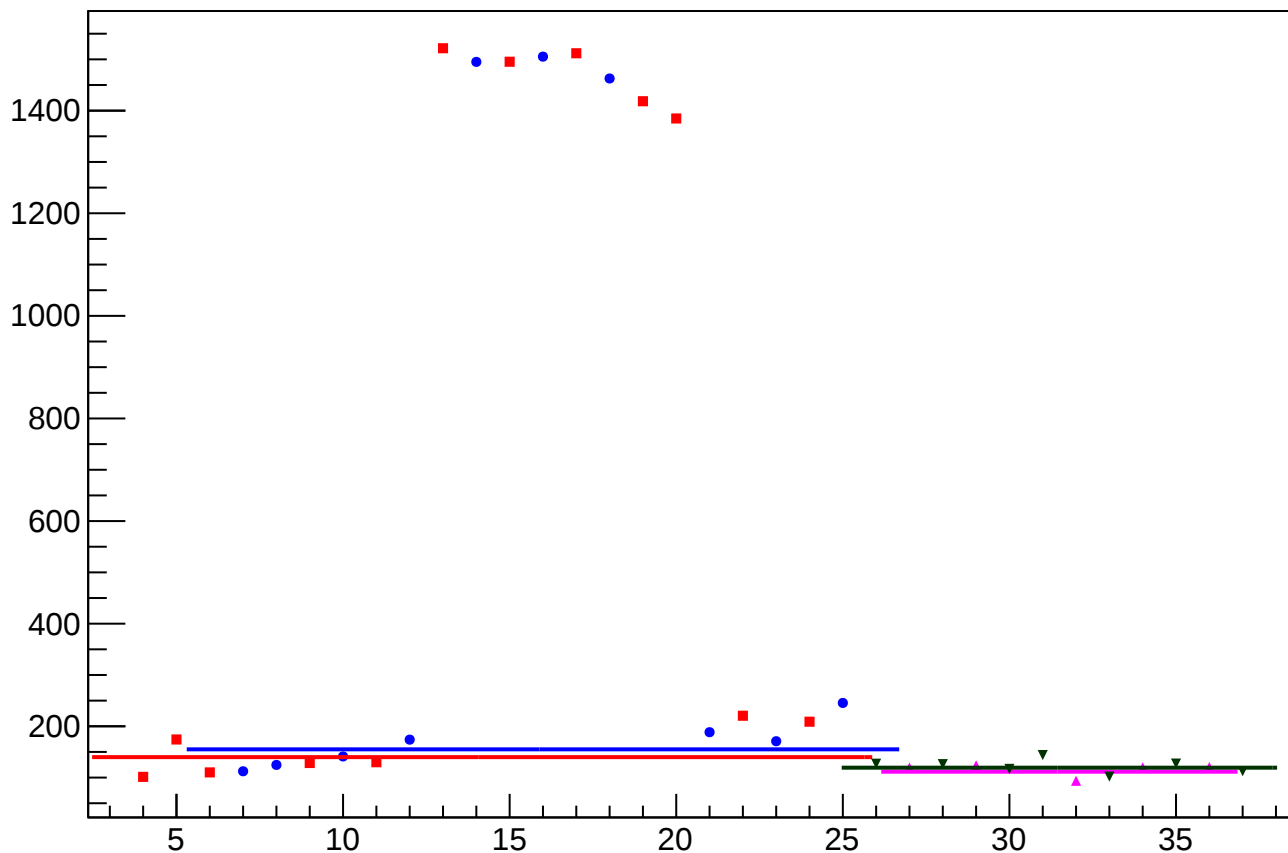
Right Out: 91.524+/-71.755 χ^2/NDF : 1.0/11

Left In: 10.887+/-59.945 χ^2/NDF : 0.1/4

34.977+/-48.040 χ^2/NDF : 9.9/16

44.032+/-46.004 χ^2/NDF : 1.8/16

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: 119.296+/-0.044 χ^2/NDF : 67677.1/6

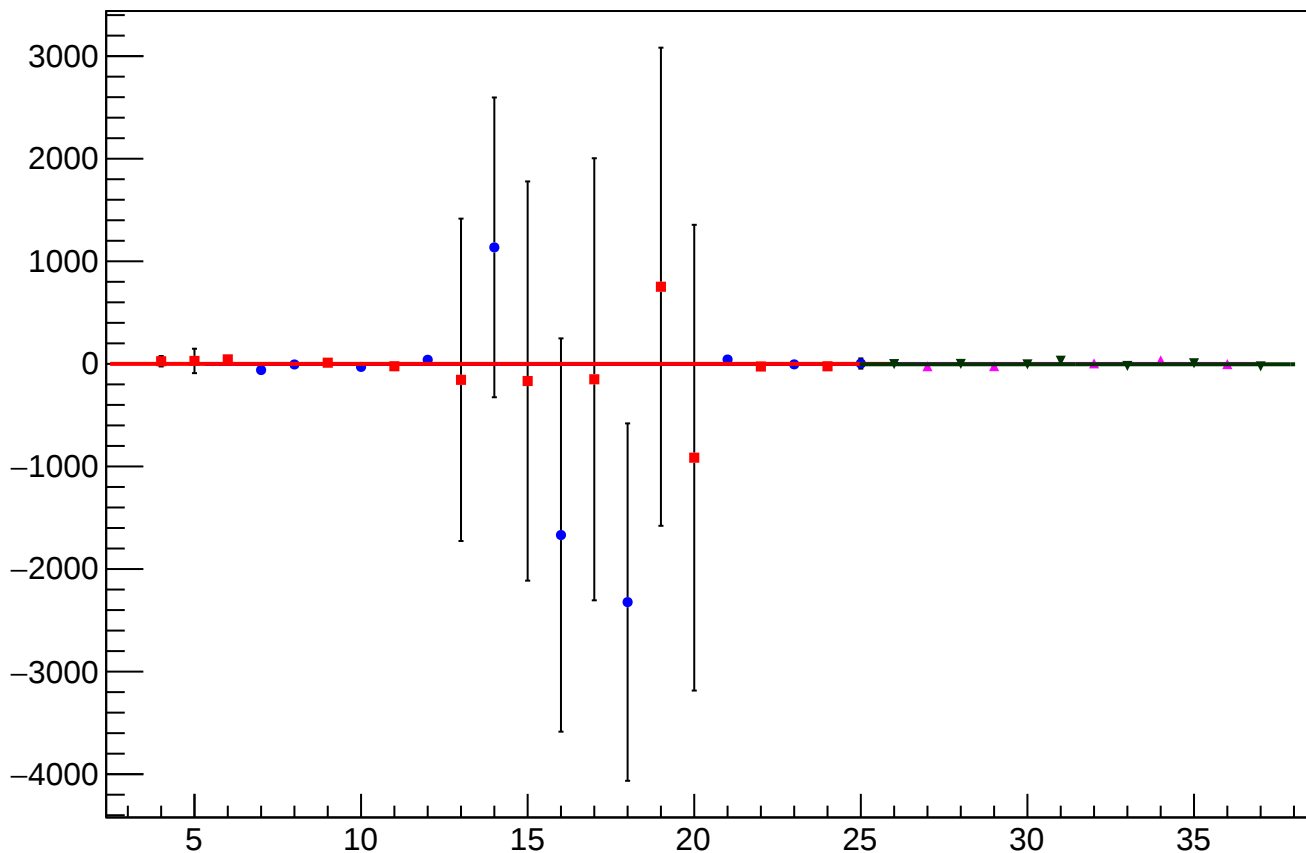
Right Out: 139.869+/-0.051 χ^2/NDF : 5001746.3/11

Left In: 111.458+/-0.042 χ^2/NDF : 96891.1/4

134.094+/-0.034 χ^2/NDF : 4470890.1/16

123.136+/-0.033 χ^2/NDF : 5283311.5/16

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: -3.874+/-11.354 χ^2/NDF : 2.2/6

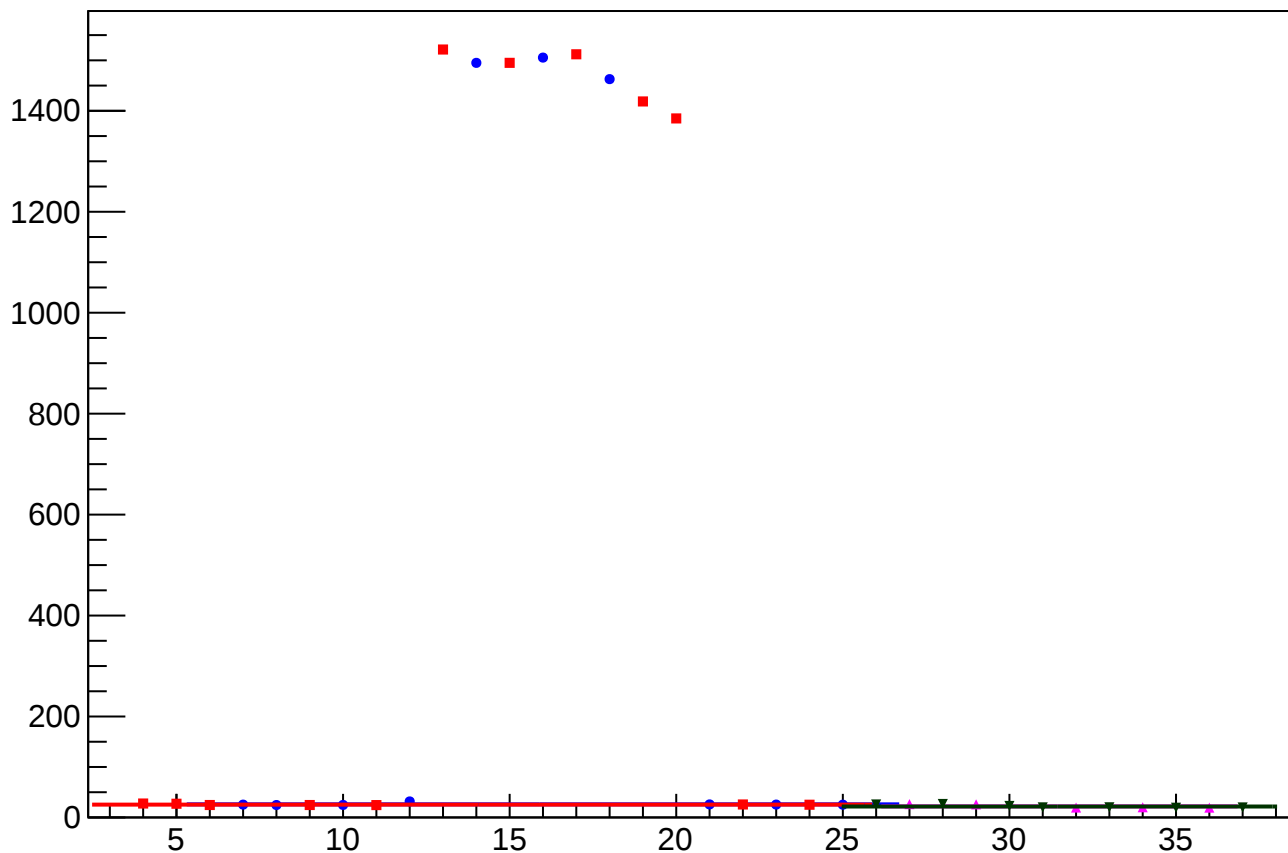
Right Out: -0.057+/-13.414 χ^2/NDF : 4.2/11

Left In: -0.580+/-11.686 χ^2/NDF : 2.7/4

-2.717+/-8.484 χ^2/NDF : 10.9/16

-0.354+/-8.811 χ^2/NDF : 7.0/16

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: 21.682+/-0.008 χ^2/NDF : 116206.8/6

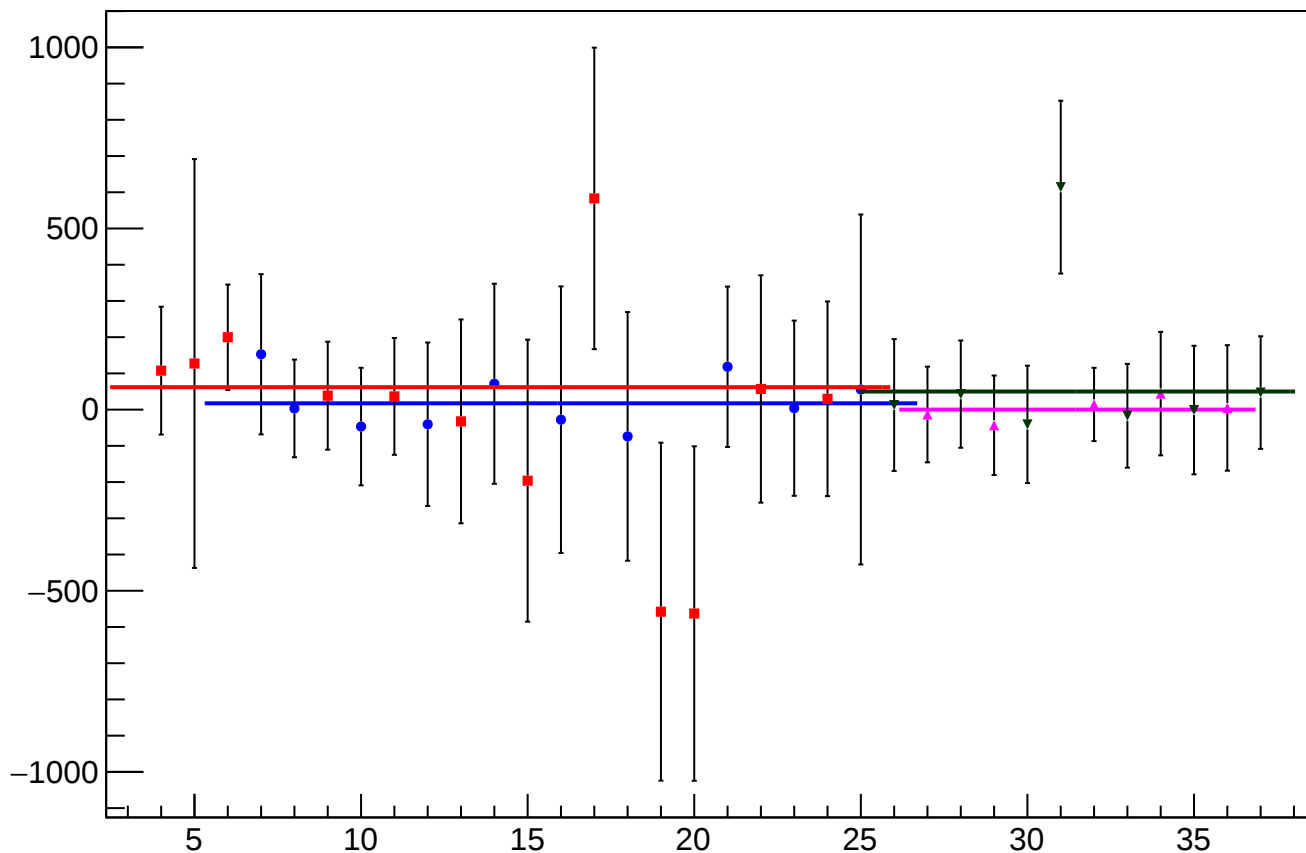
Right Out: 25.431+/-0.009 χ^2/NDF : 5346262.0/11

Left In: 21.950+/-0.008 χ^2/NDF : 136949.5/4

23.588+/-0.006 χ^2/NDF : 4864947.1/16

23.452+/-0.006 χ^2/NDF : 5559779.7/16

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: 49.975+/-62.813 χ^2/NDF : 6.3/6

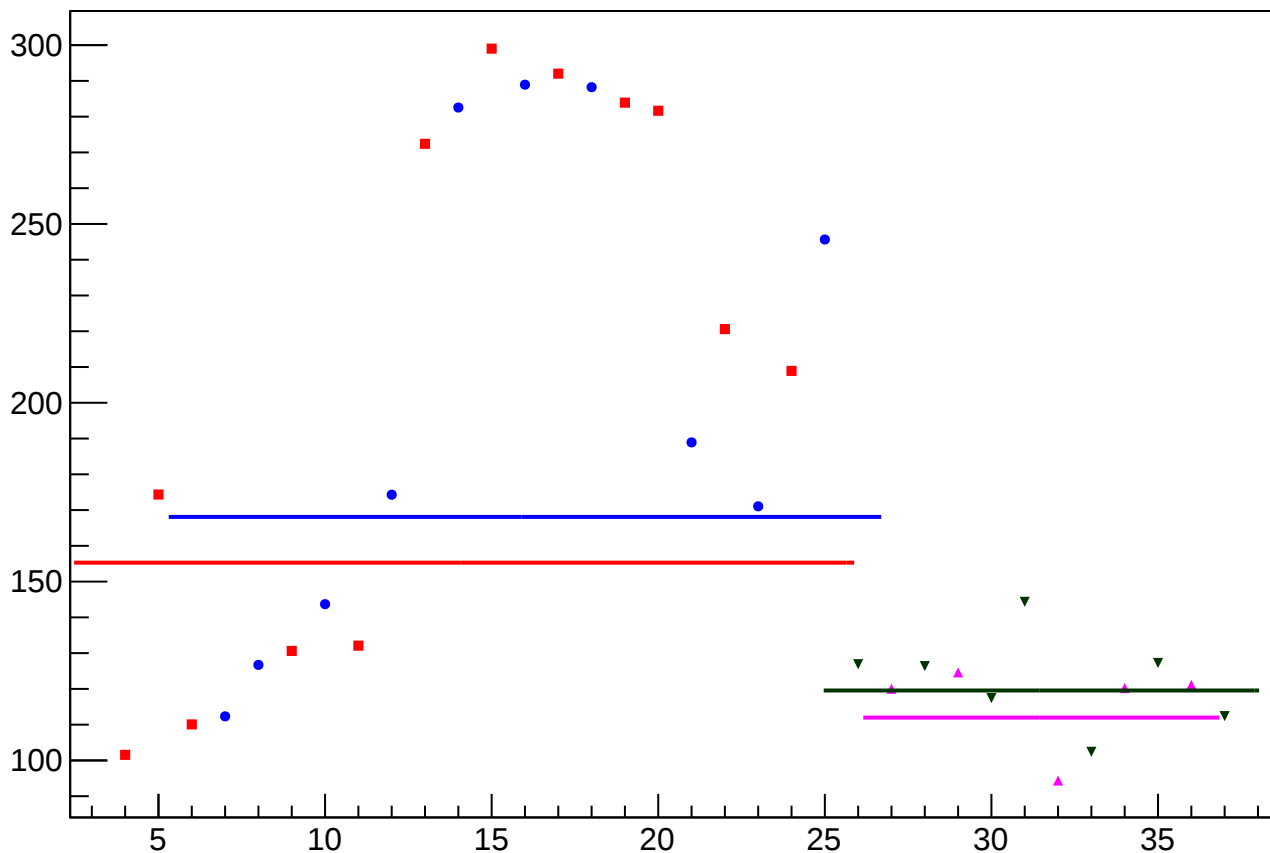
Right Out: 61.917+/-66.769 χ^2/NDF : 6.8/11

Left In: 0.081+/-60.208 χ^2/NDF : 0.2/4

35.475+/-46.760 χ^2/NDF : 7.3/16

27.812+/-44.714 χ^2/NDF : 7.4/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



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

Left Out: 119.555 $\pm$ 0.044 χ^2 /NDF: 66127.9/6

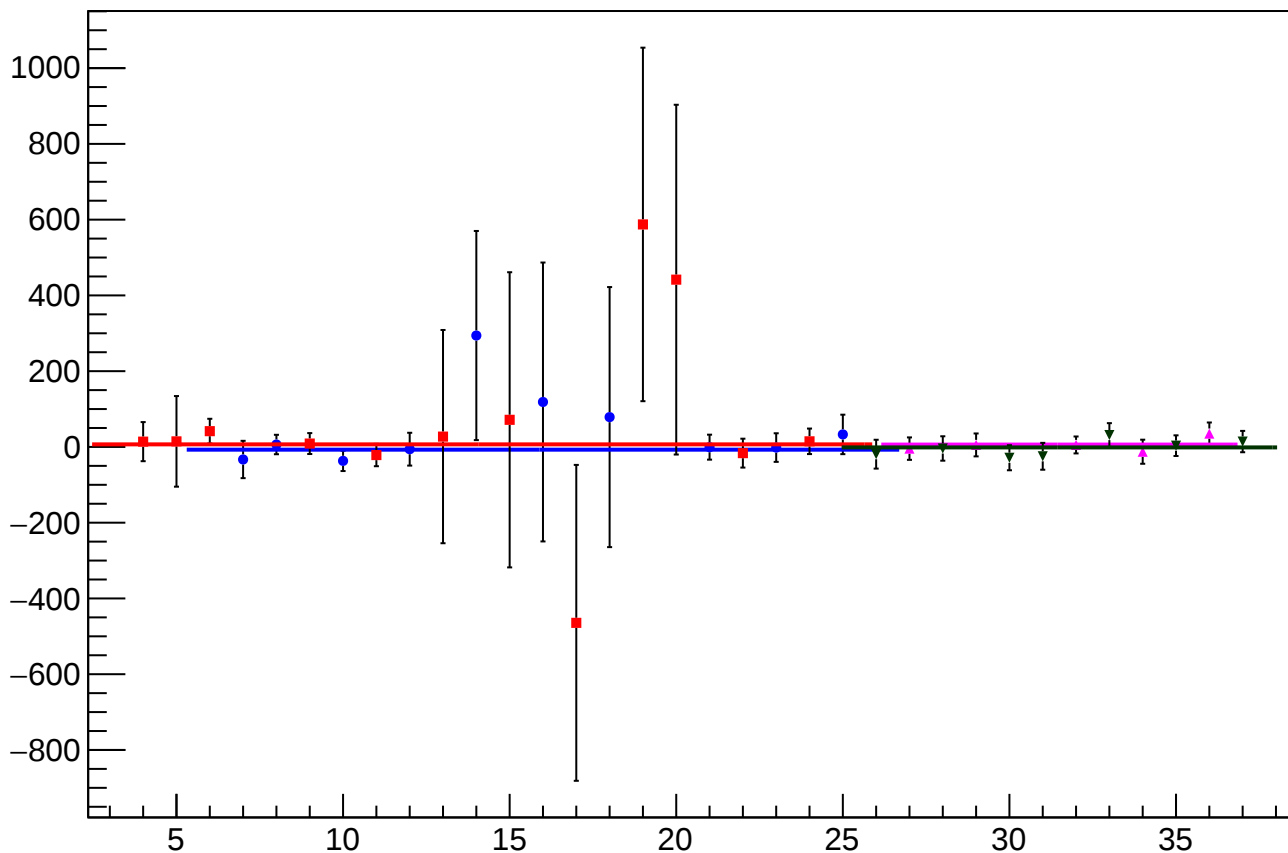
141.192 $\pm$ 0.033 χ^2 /NDF: 1834771.9/16

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

131.406 $\pm$ 0.032 χ^2 /NDF: 2340143.7/16

Left In: 111.978 $\pm$ 0.043 χ^2 /NDF: 95263.0/4

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: -1.275+/-11.961 χ^2/NDF : 2.8/6

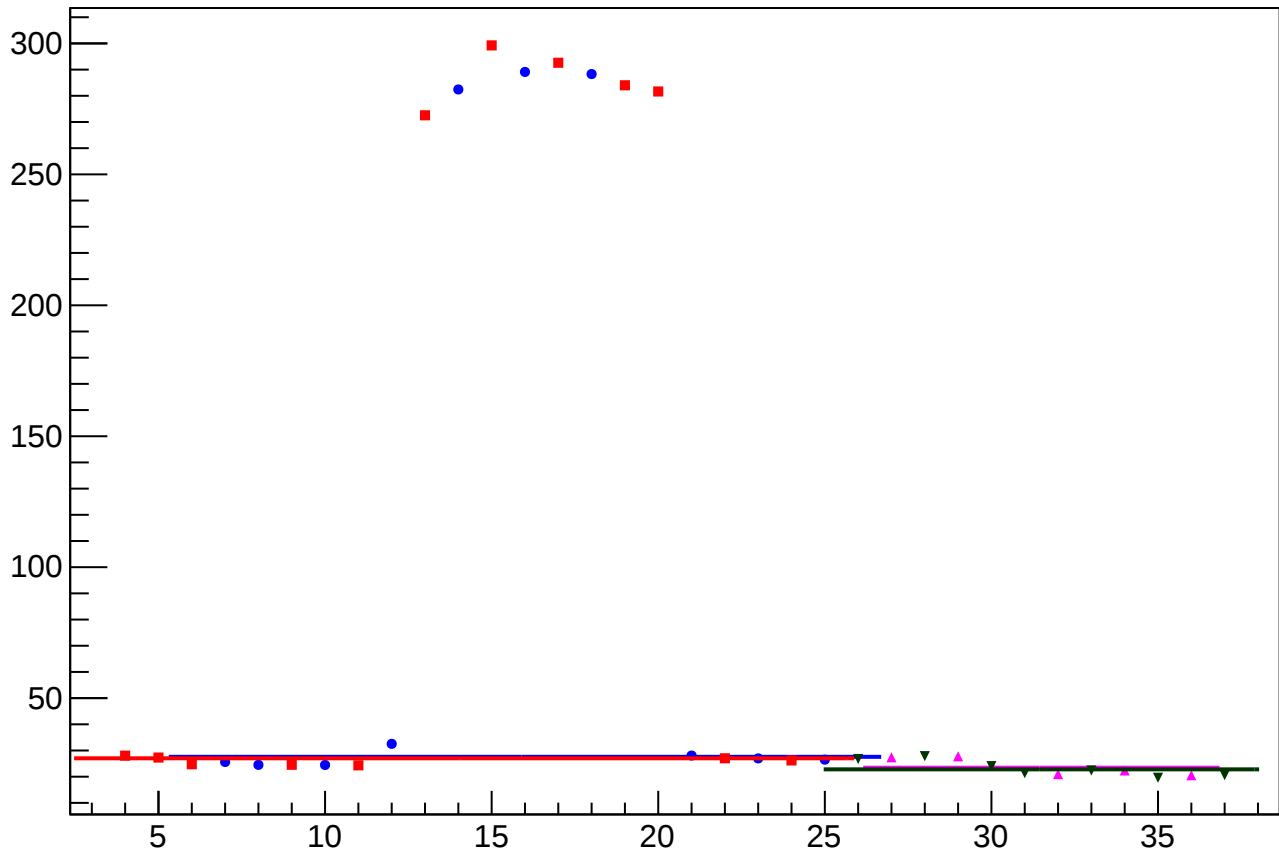
Right Out: 6.763+/-13.545 χ^2/NDF : 6.3/11

Left In: 6.191+/-12.507 χ^2/NDF : 1.5/4

-3.997+/-8.818 χ^2/NDF : 6.7/16

6.454+/-9.189 χ^2/NDF : 7.7/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



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

Left Out: 22.805+/-0.008 χ^2/NDF : 117061.3/6

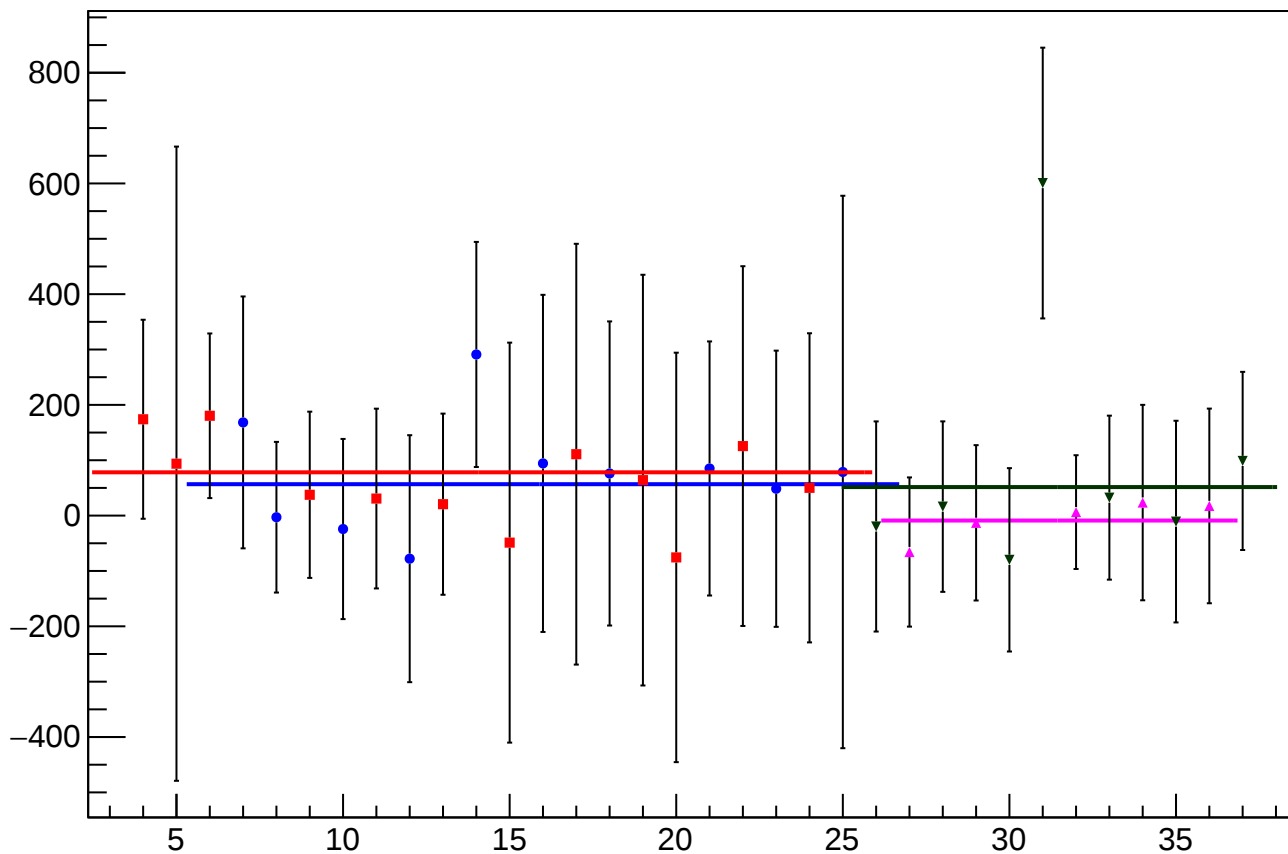
Right Out: 27.023+/-0.010 χ^2/NDF : 4568943.2/11

Left In: 23.434+/-0.009 χ^2/NDF : 122901.9/4

24.986+/-0.006 χ^2/NDF : 4216559.0/16

25.086+/-0.006 χ^2/NDF : 4767632.9/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 56.719 $\pm$ 67.654 χ^2/NDF : 2.4/9

Left Out: 51.524 $\pm$ 64.896 χ^2/NDF : 6.1/6

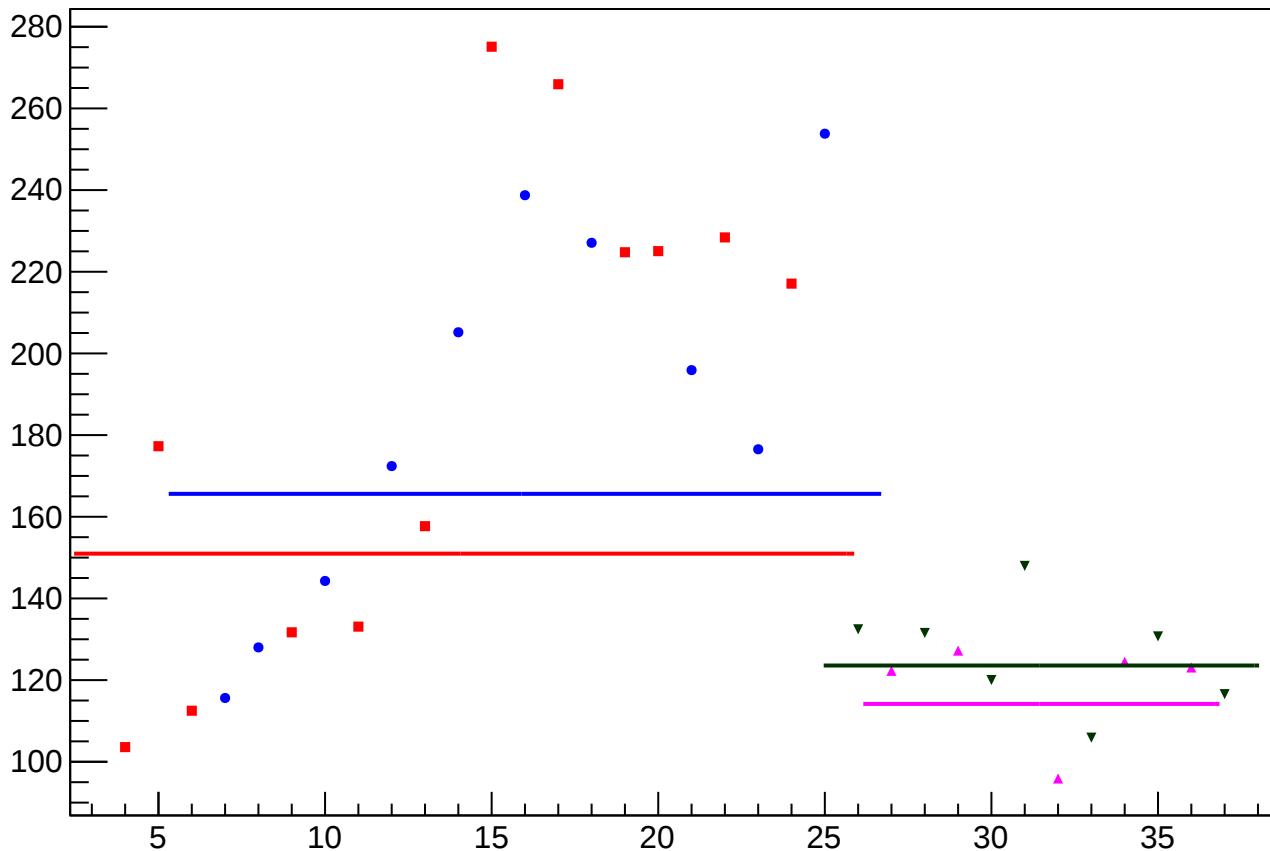
Right Out: 78.185 $\pm$ 63.204 χ^2/NDF : 1.4/11

Left In: -8.932 $\pm$ 61.425 χ^2/NDF : 0.3/4

54.013 $\pm$ 46.833 χ^2/NDF : 8.5/16

33.384 $\pm$ 44.050 χ^2/NDF : 2.6/16

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: 123.574 $\pm$ 0.046 χ^2 /NDF: 65853.9/6

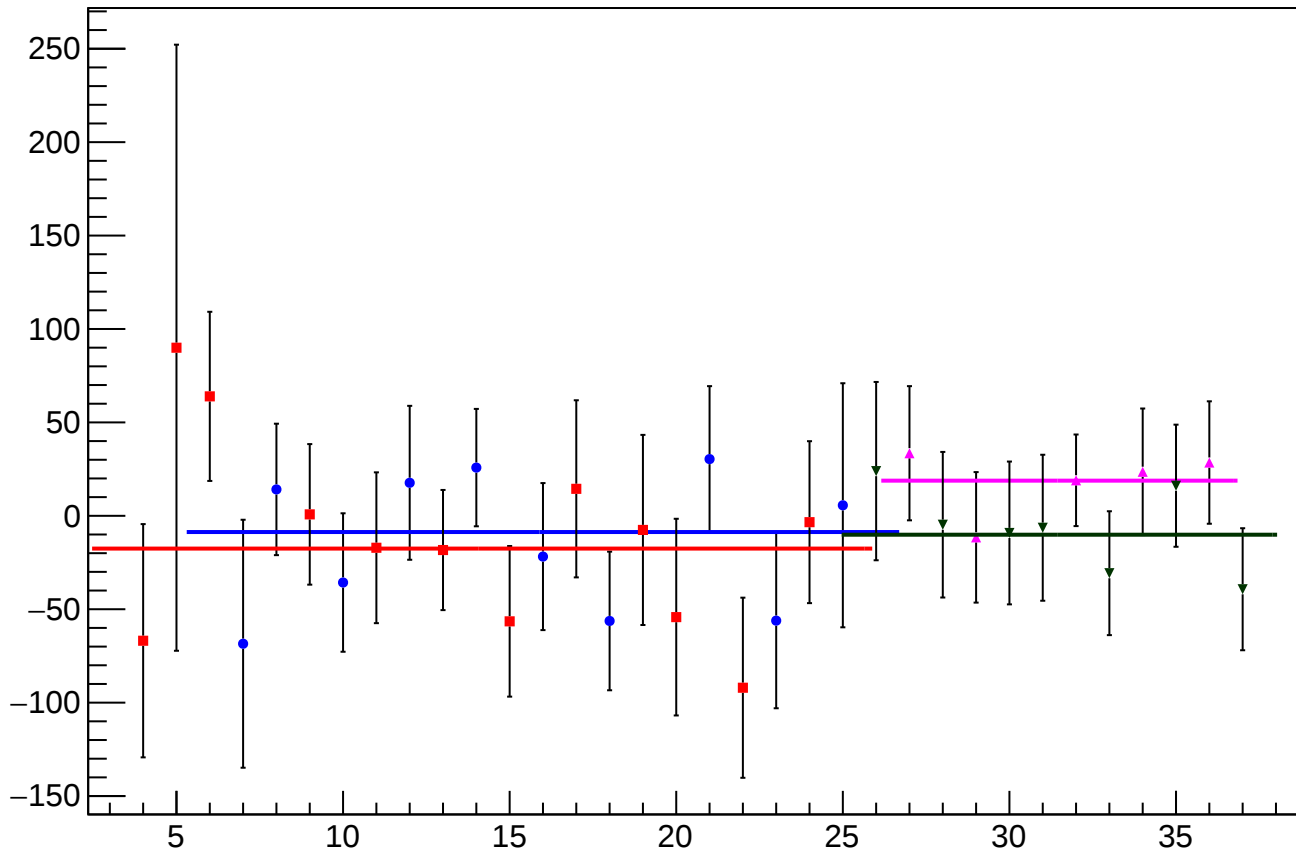
Right Out: 150.968 $\pm$ 0.045 χ^2 /NDF: 1141850.9/11

Left In: 114.168 $\pm$ 0.043 χ^2 /NDF: 99755.5/4

143.720 $\pm$ 0.033 χ^2 /NDF: 1146061.9/16

132.043 $\pm$ 0.031 χ^2 /NDF: 1590280.4/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



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

Left Out: -10.114 ± 13.839 χ^2/NDF : 2.4/6

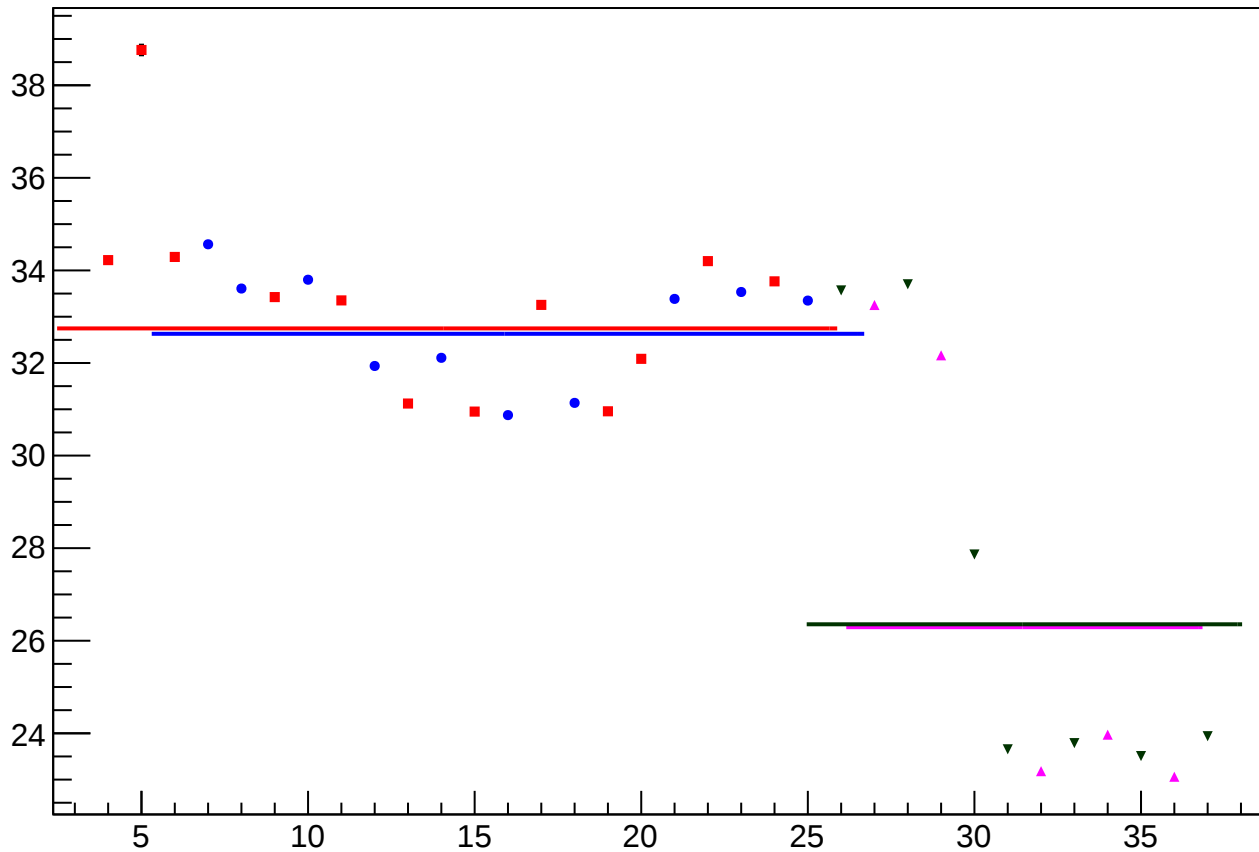
Right Out: -17.538 ± 13.085 χ^2/NDF : 8.9/11

Left In: 18.820 ± 14.054 χ^2/NDF : 1.0/4

-9.343 ± 9.405 χ^2/NDF : 9.6/16

-0.655 ± 9.577 χ^2/NDF : 13.6/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



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

Left Out: 26.355+/-0.010 χ^2/NDF : 167578.6/6

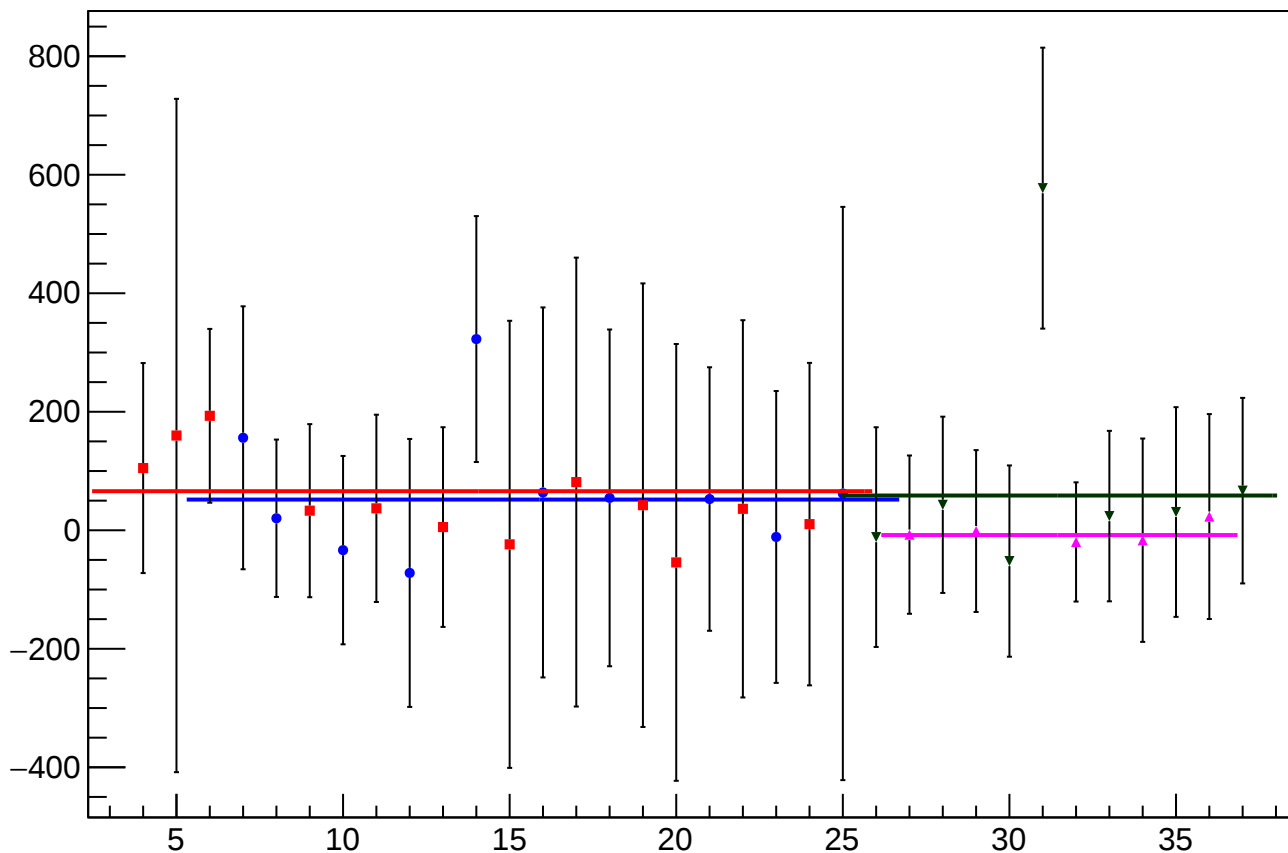
Right Out: 32.747+/-0.009 χ^2/NDF : 22297.5/11

Left In: 26.293+/-0.010 χ^2/NDF : 192747.1/4

29.732+/-0.007 χ^2/NDF : 404192.3/16

29.750+/-0.007 χ^2/NDF : 441006.1/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.834 ± 66.963 $\chi^2/\text{NDF}: 2.6/9$

Left Out: 58.662 ± 63.053 $\chi^2/\text{NDF}: 5.5/6$

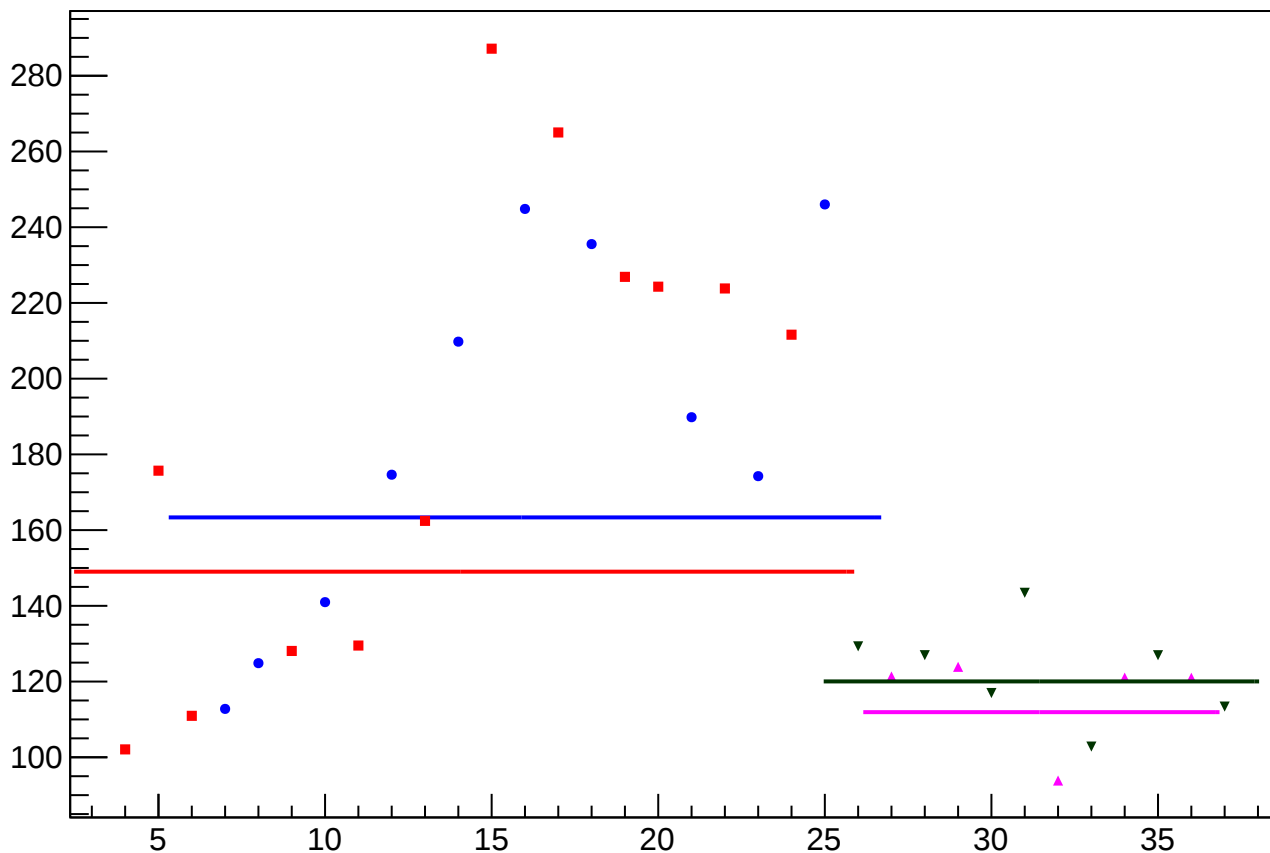
Right Out: 65.954 ± 62.568 $\chi^2/\text{NDF}: 1.3/11$

Left In: -8.049 ± 60.203 $\chi^2/\text{NDF}: 0.1/4$

55.453 ± 45.905 $\chi^2/\text{NDF}: 8.1/16$

27.527 ± 43.382 $\chi^2/\text{NDF}: 2.0/16$

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: 120.036+/-0.045 χ^2/NDF : 64831.8/6

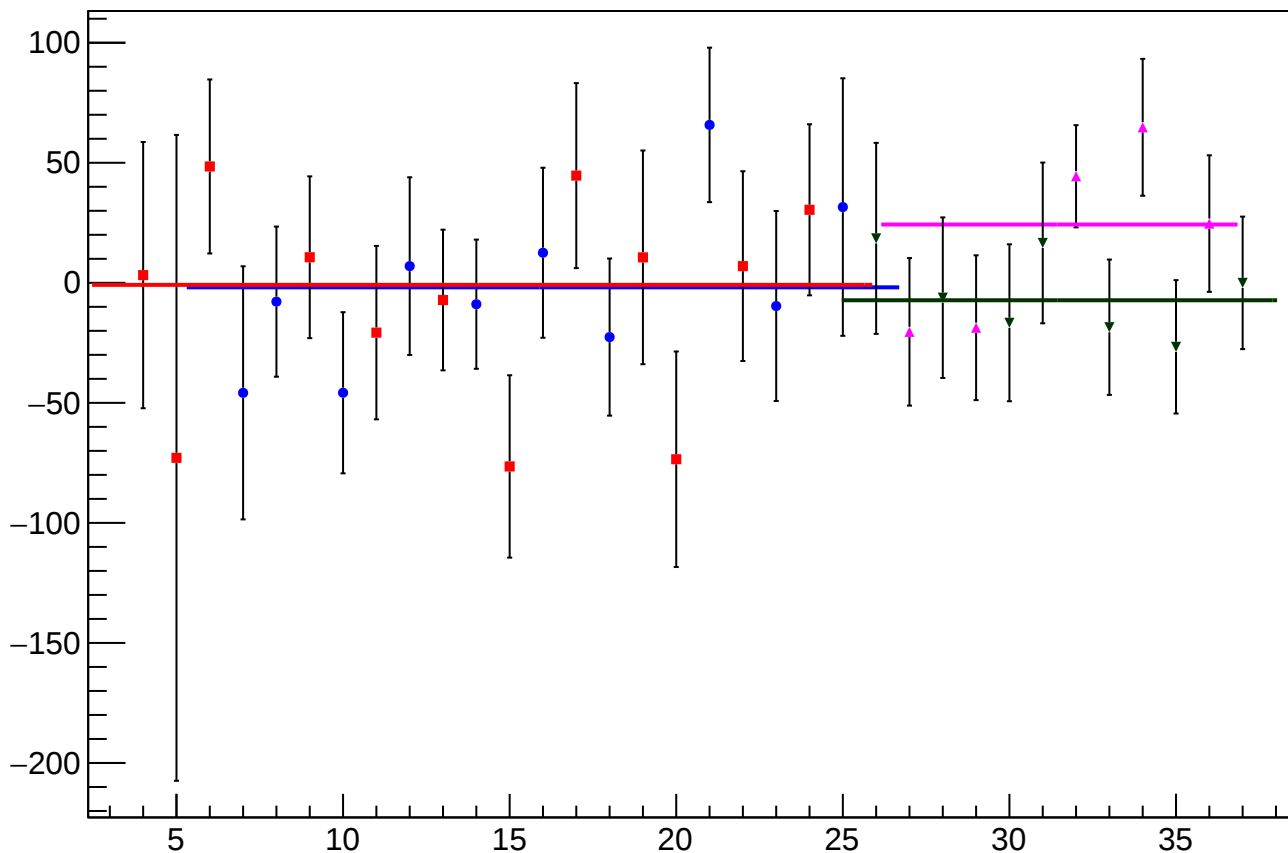
Right Out: 149.022+/-0.044 χ^2/NDF : 1205634.3/11

Left In: 111.920+/-0.043 χ^2/NDF : 100986.7/4

140.394+/-0.032 χ^2/NDF : 1281085.1/16

129.756+/-0.031 χ^2/NDF : 1671792.5/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -1.881 ± 11.135 χ^2/NDF : 8.0/9

Left Out: -7.263 ± 11.766 χ^2/NDF : 1.7/6

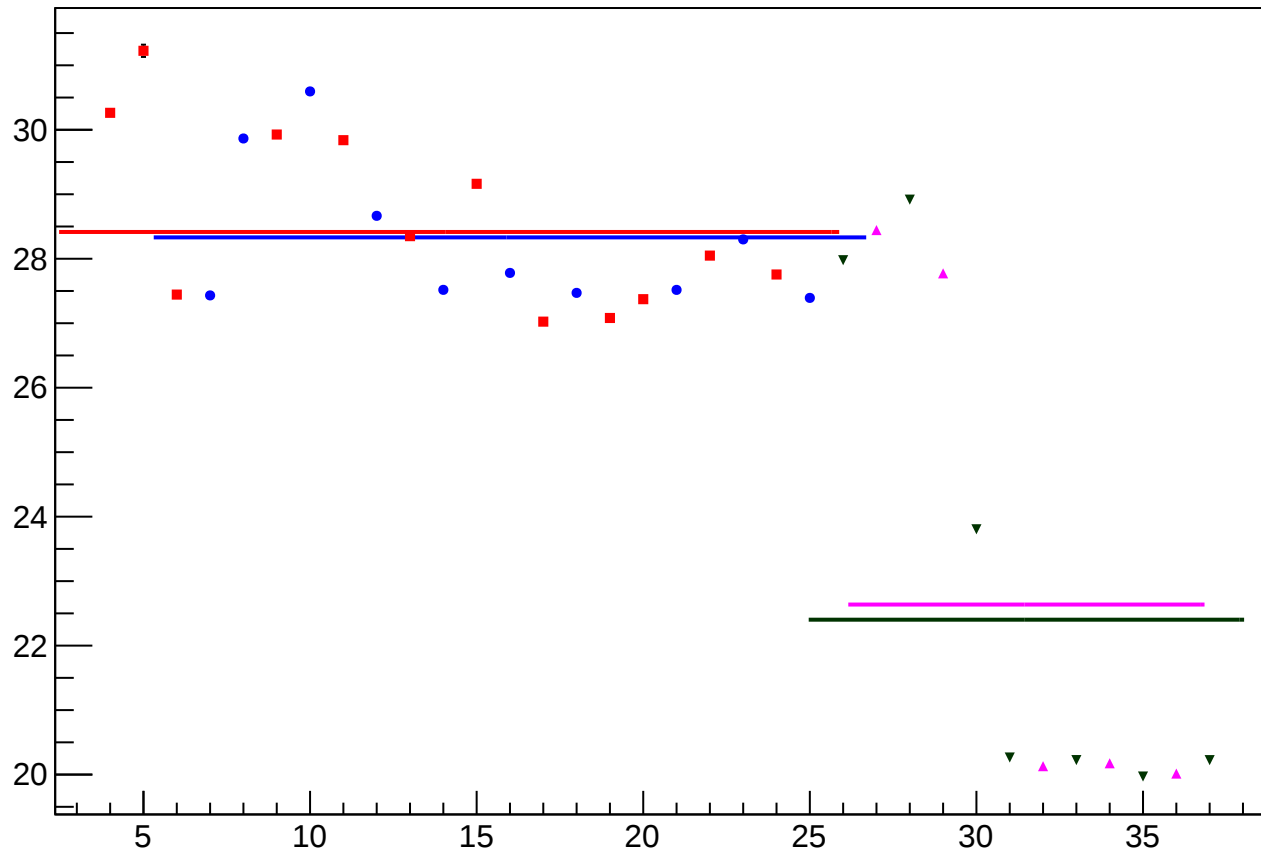
Right Out: -0.853 ± 11.359 χ^2/NDF : 11.5/11

Left In: 24.290 ± 12.097 χ^2/NDF : 7.1/4

-4.424 ± 8.087 χ^2/NDF : 9.8/16

10.928 ± 8.281 χ^2/NDF : 20.8/16

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: 22.402+/-0.008 χ^2/NDF :166791.3/6

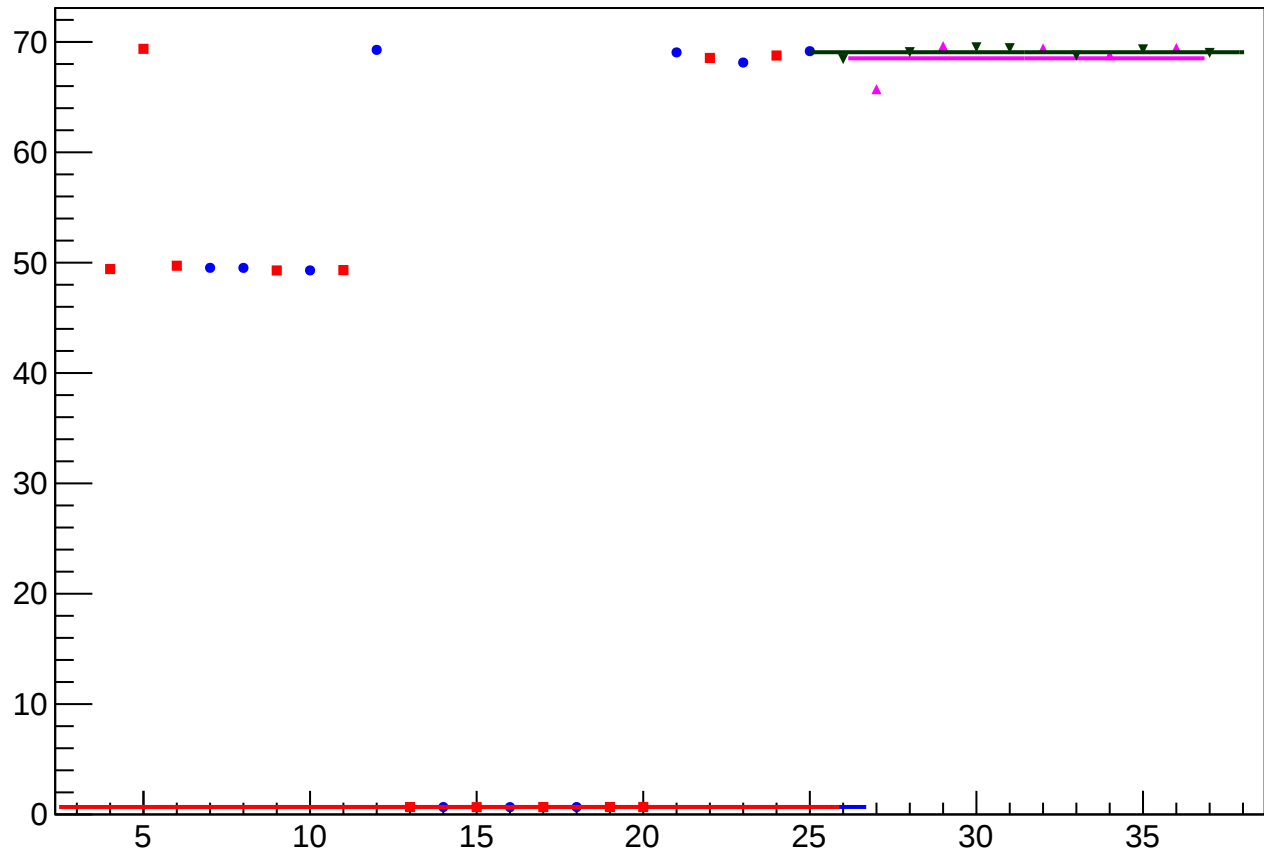
Right Out: 28.415+/-0.008 χ^2/NDF : 18780.8/11

Left In: 22.637+/-0.009 χ^2/NDF :189149.9/4

25.530+/-0.006 χ^2/NDF : 454974.0/16

25.708+/-0.006 χ^2/NDF : 450430.3/16

yield_bcm_an_ds_mean vs slug



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

Left Out: 69.070+/-0.000 χ^2/NDF : 13690609.4/6

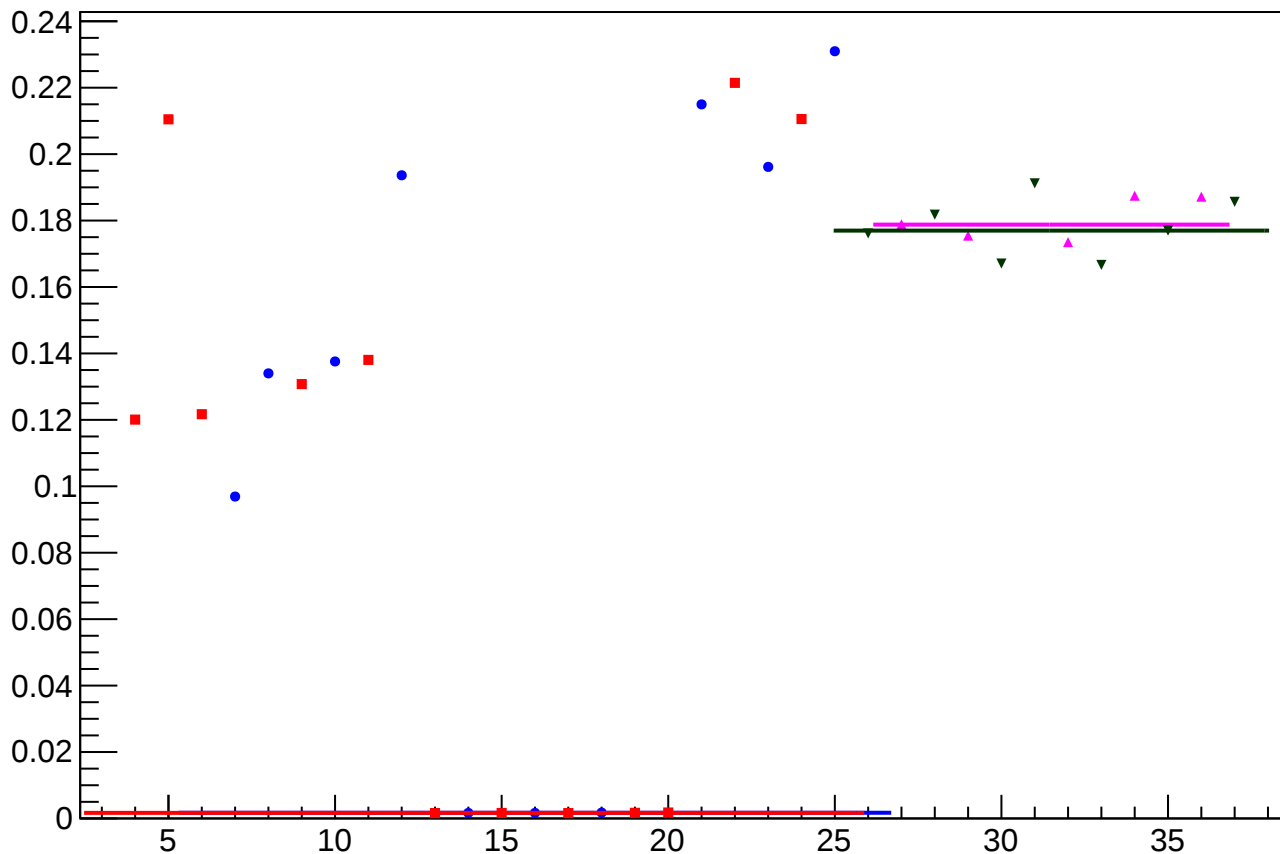
0.687+/-0.000 χ^2/NDF : 1022998706068.8/16

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

0.685+/-0.000 χ^2/NDF : 933289645369.1/16

Left In: 68.519+/-0.000 χ^2/NDF : 267867917.3/4

yield_bcm_an_ds_rms vs slug



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

Left Out: 0.177 $\pm$ 0.000 χ^2/NDF :14602.5/6

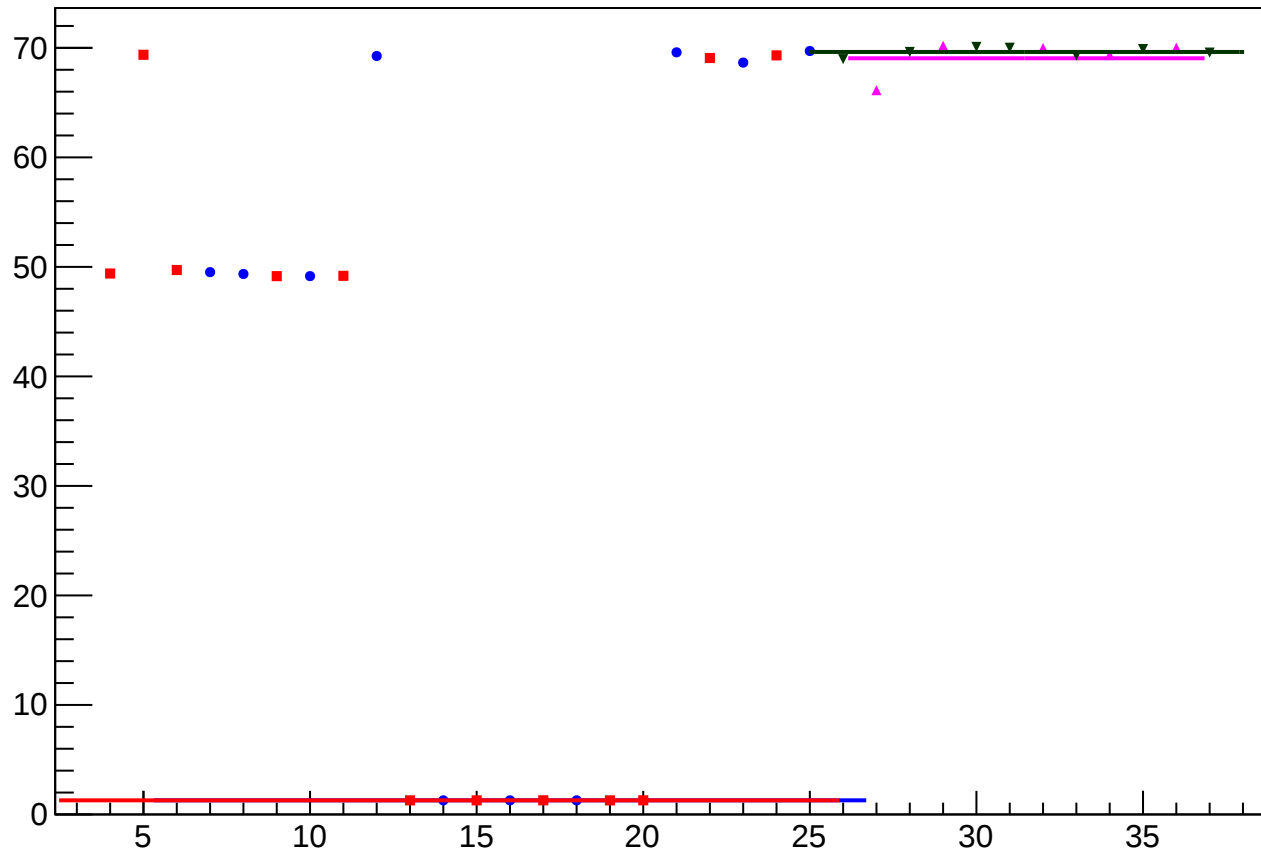
Right Out: 0.002 $\pm$ 0.000 χ^2/NDF : 6636068.7/11

Left In: 0.179 $\pm$ 0.000 χ^2/NDF :6198.4/4

0.002 $\pm$ 0.000 χ^2/NDF : 14594604.8/16

0.002 $\pm$ 0.000 χ^2/NDF : 13403068.0/16

yield_bcm_an_ds3_mean vs slug



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

Left Out: 69.626+/-0.000 χ^2/NDF :14250382.2/6

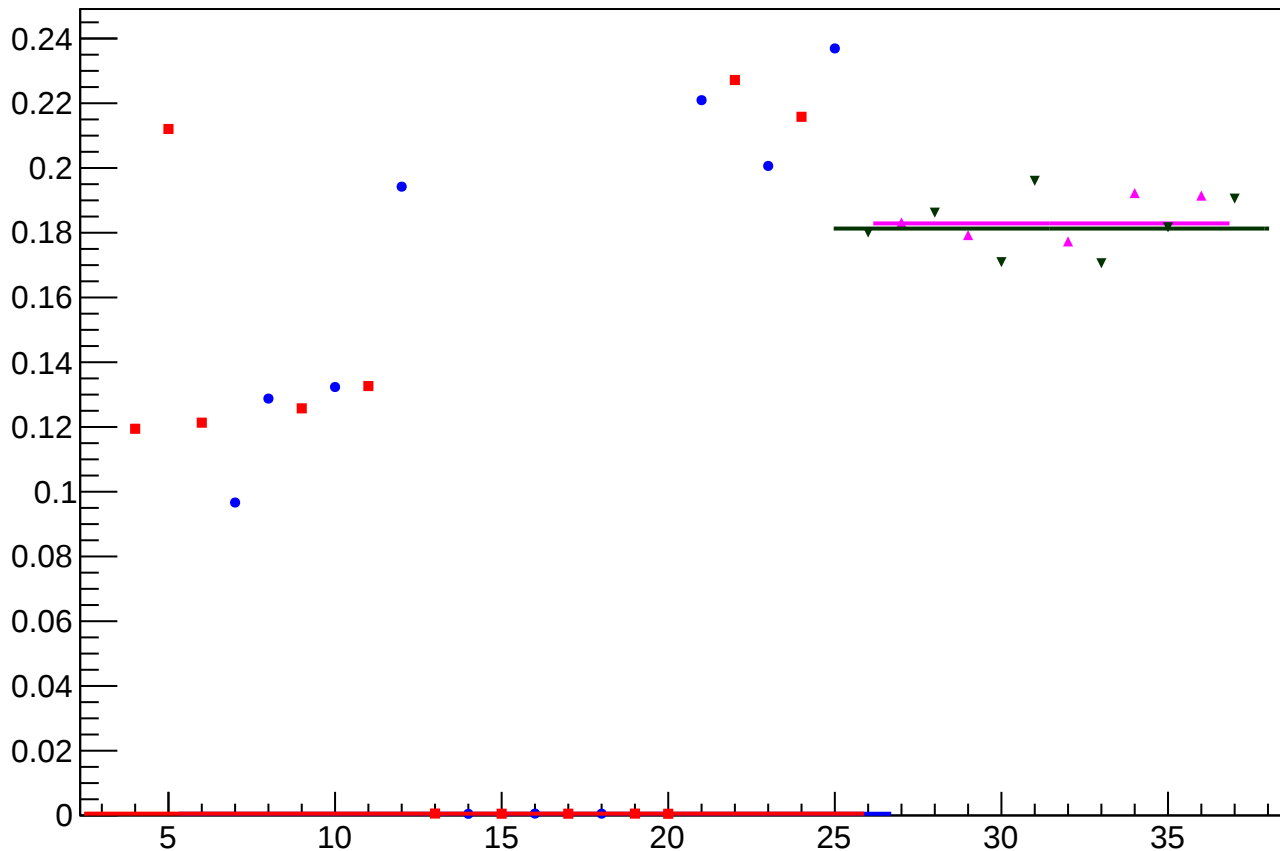
Right Out: 1.289+/-0.000 χ^2/NDF : 437398241389.8/11

Left In: 69.048+/-0.000 χ^2/NDF :276687677.6/4

1.291+/-0.000 χ^2/NDF : 996309501539.0/16

1.290+/-0.000 χ^2/NDF : 910522992228.6/16

yield_bcm_an_ds3_rms vs slug



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

Left Out: 0.181+/-0.000 χ^2/NDF :15164.9/6

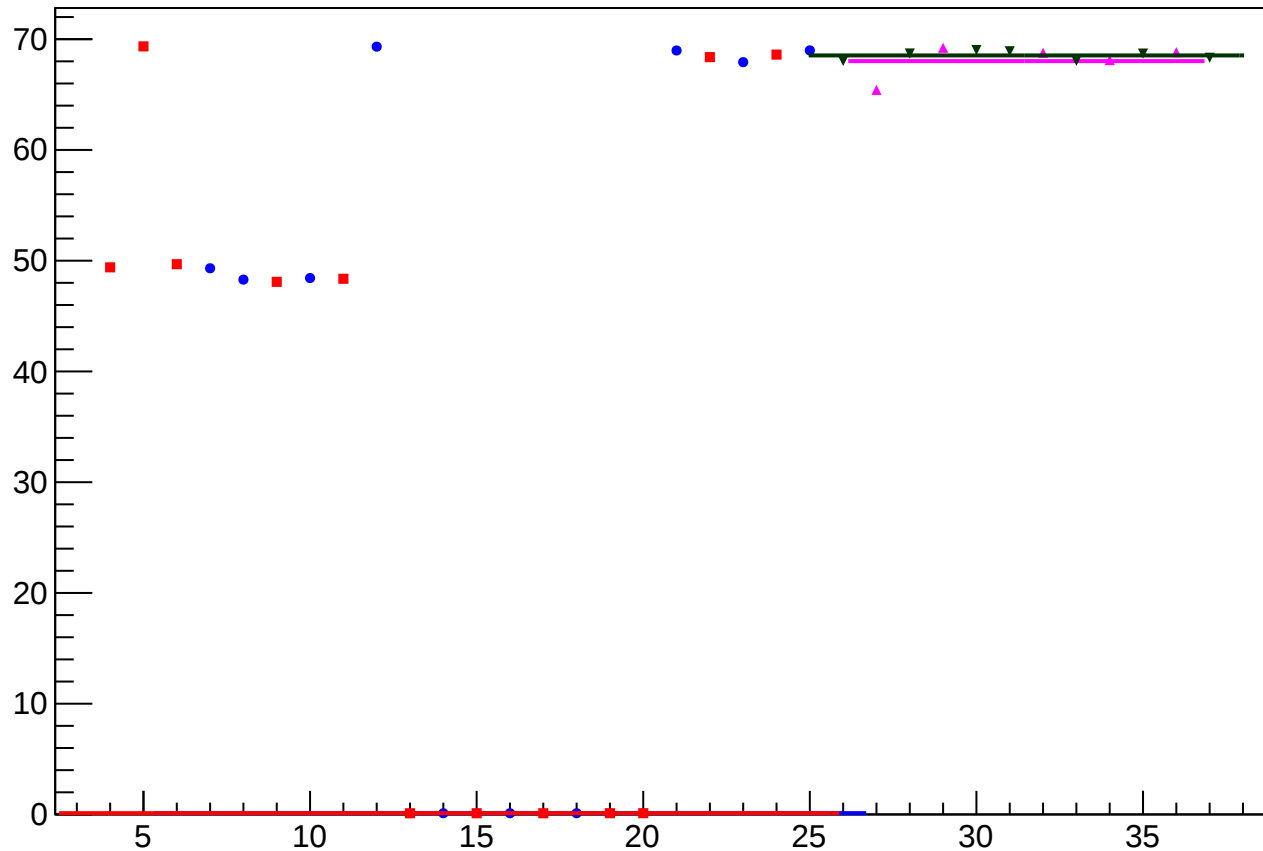
0.001+/-0.000 χ^2/NDF : 14820219.5/16

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

0.001+/-0.000 χ^2/NDF : 13594786.5/16

Left In: 0.183+/-0.000 χ^2/NDF :6586.1/4

yield_bcm_an_us_mean vs slug



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

Left Out: 68.533+/-0.000 χ^2/NDF :15643279.8/6

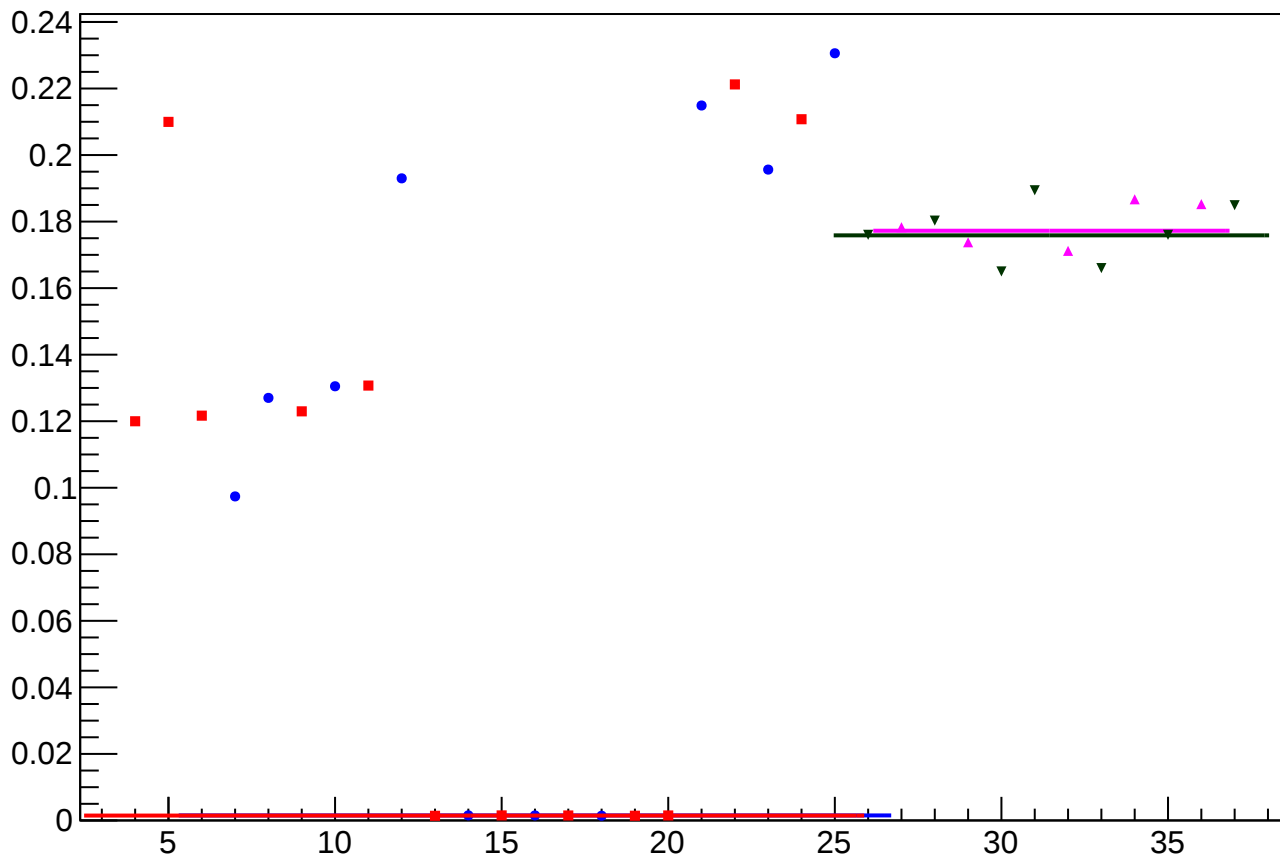
Right Out: 0.117+/-0.000 χ^2/NDF : 459272313715.4/11

Left In: 68.020+/-0.000 χ^2/NDF :237508022.7/4

0.126+/-0.000 χ^2/NDF : 1050742883840.3/16

0.123+/-0.000 χ^2/NDF : 964833776814.4/16

yield_bcm_an_us_rms vs slug



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

Left Out: 0.176 $\pm$ 0.000 χ^2 /NDF:14872.7/6

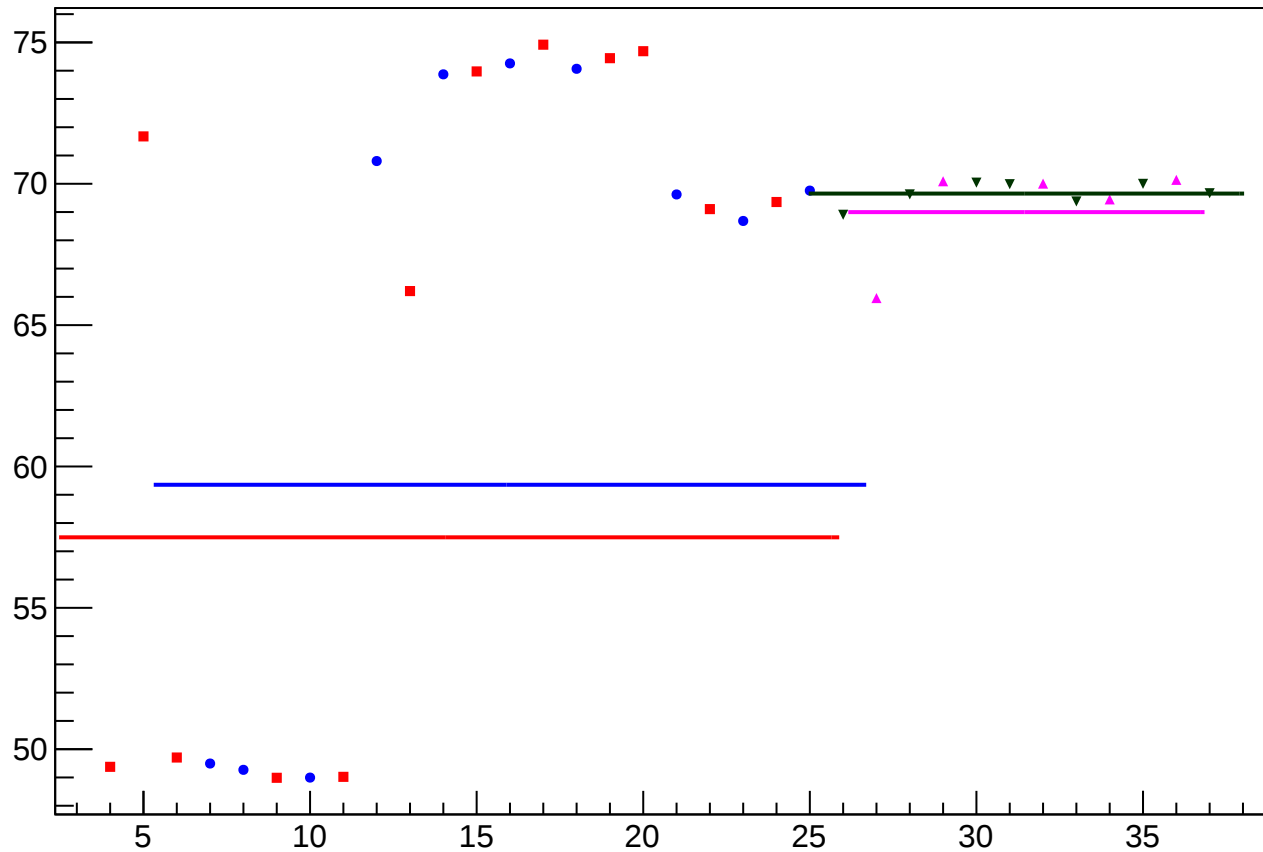
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 6649150.6/11

Left In: 0.177 $\pm$ 0.000 χ^2 /NDF:7136.5/4

0.002 $\pm$ 0.000 χ^2 /NDF: 14600942.0/16

0.001 $\pm$ 0.000 χ^2 /NDF: 13429100.4/16

yield_bcm_dg_us_mean vs slug



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

Left Out: 69.653+/-0.000 χ^2/NDF :13842798.0/6

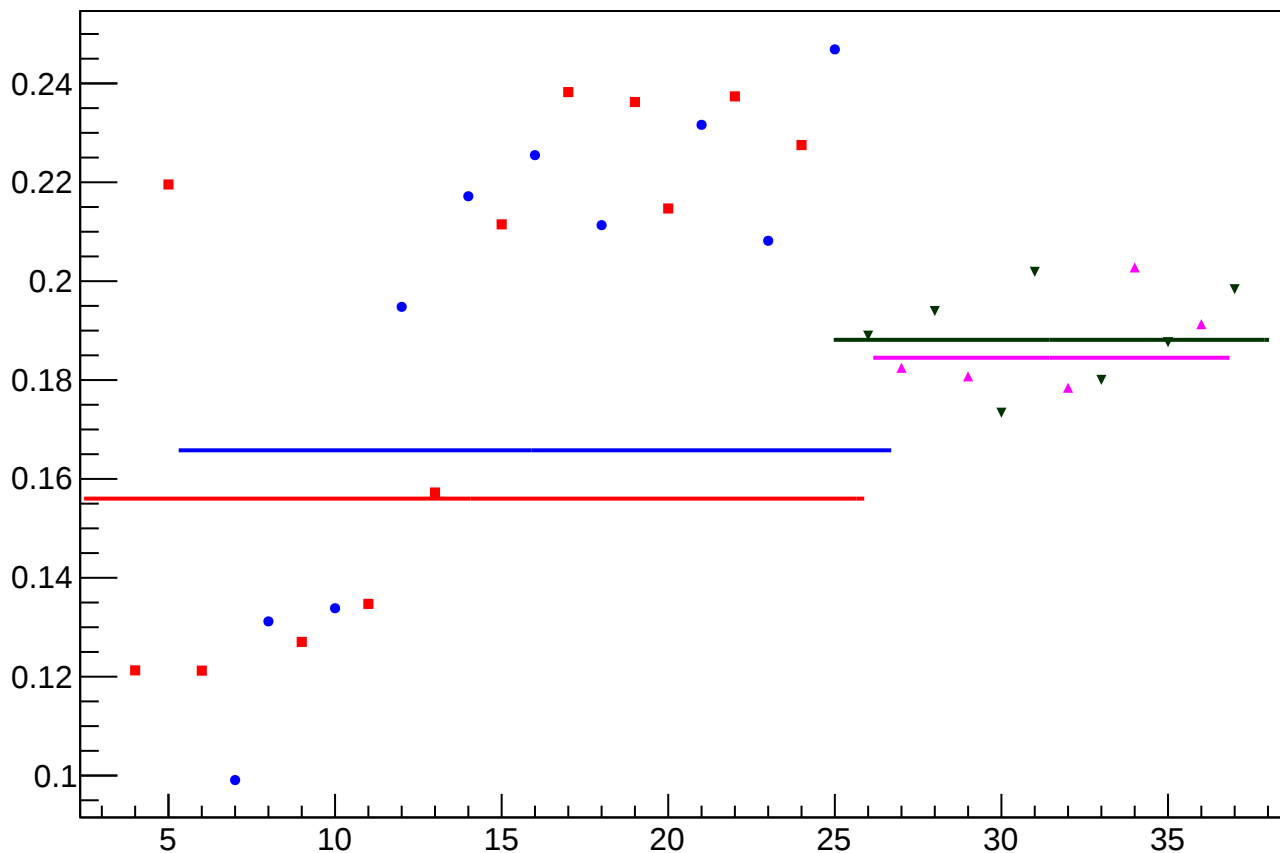
62.696+/-0.000 χ^2/NDF : 34386173164.2/16

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

61.023+/-0.000 χ^2/NDF : 34863093499.4/16

Left In: 68.997+/-0.000 χ^2/NDF :301108702.6/4

yield_bcm_dg_us_rms vs slug



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

Left Out: 0.188+/-0.000 χ^2/NDF : 16784.8/6

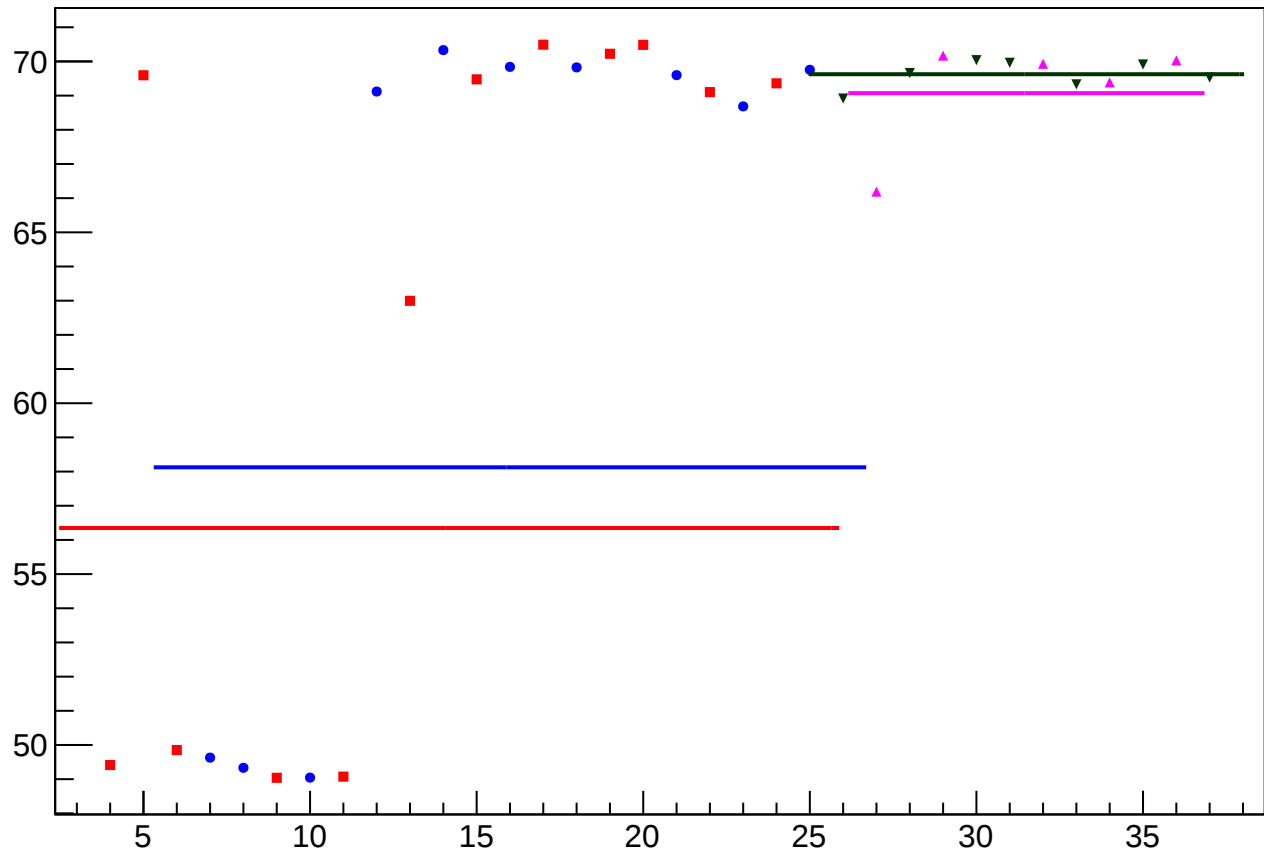
Right Out: 0.156+/-0.000 χ^2/NDF : 828596.5/11

Left In: 0.185+/-0.000 χ^2/NDF : 12075.6/4

0.173+/-0.000 χ^2/NDF : 997568.8/16

0.165+/-0.000 χ^2/NDF : 954056.8/16

yield_bcm_dg_ds_mean vs slug



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

Left Out: 69.626+/-0.000 χ^2/NDF : 14109503.9/6

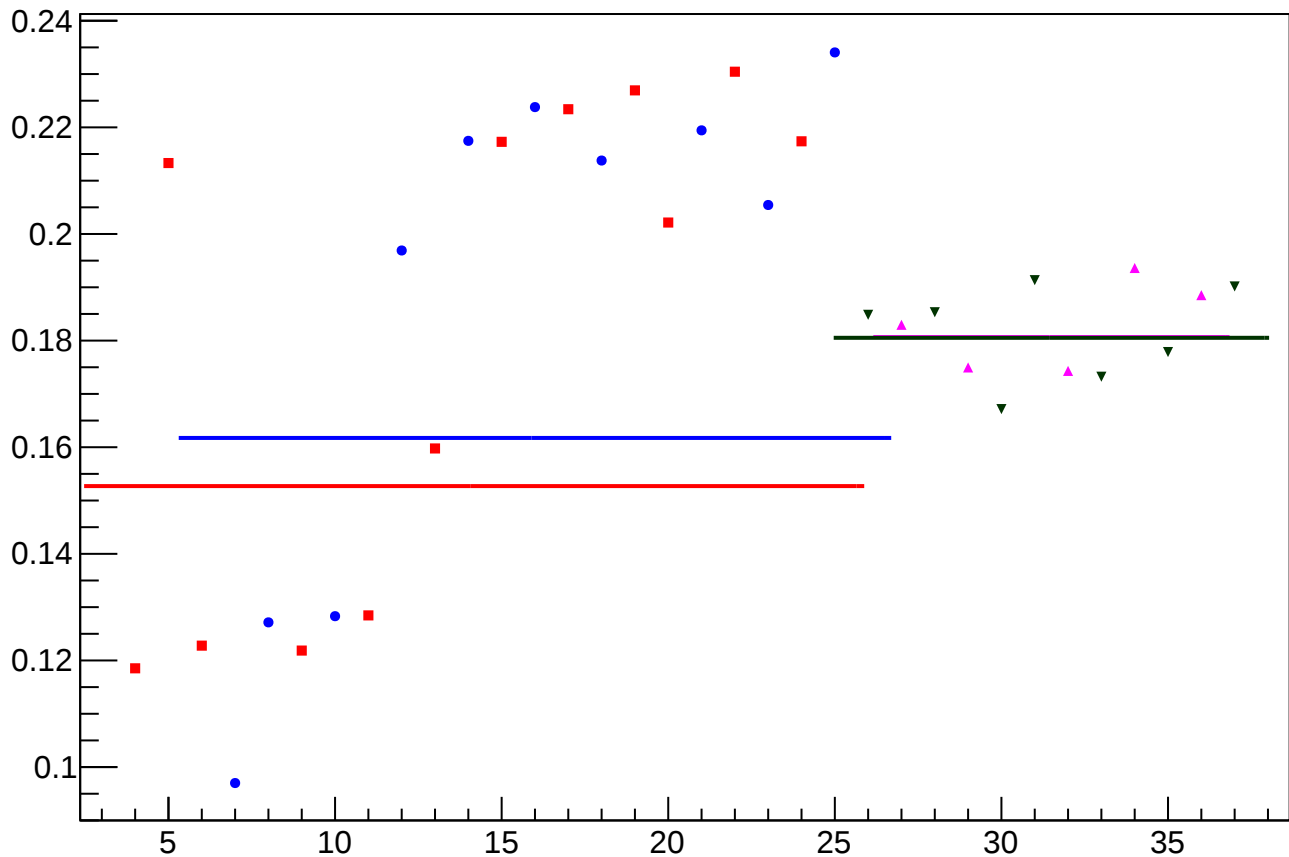
61.951+/-0.000 χ^2/NDF : 31906327695.6/16

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

60.256+/-0.000 χ^2/NDF : 31852188702.3/16

Left In: 69.073+/-0.000 χ^2/NDF : 268040637.3/4

yield_bcm_dg_ds_rms vs slug



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

Left Out: 0.181+/-0.000 χ^2/NDF : 14945.0/6

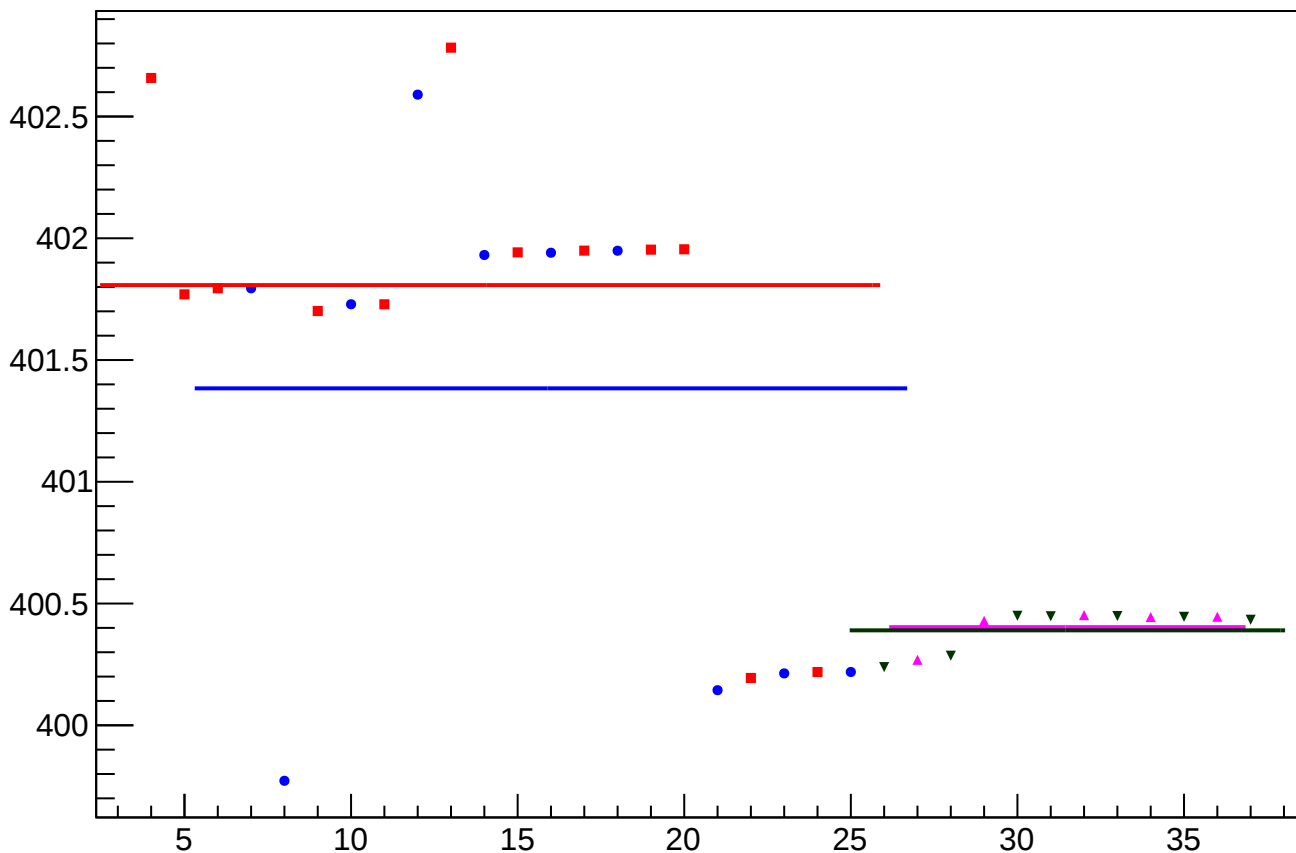
Right Out: 0.153+/-0.000 χ^2/NDF : 810658.6/11

Left In: 0.181+/-0.000 χ^2/NDF : 10303.3/4

0.168+/-0.000 χ^2/NDF : 1038501.8/16

0.161+/-0.000 χ^2/NDF : 935116.6/16

yield_cav4bQ_mean vs slug



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

Left Out: 400.390+/-0.000 χ^2/NDF : 548326636.7/6

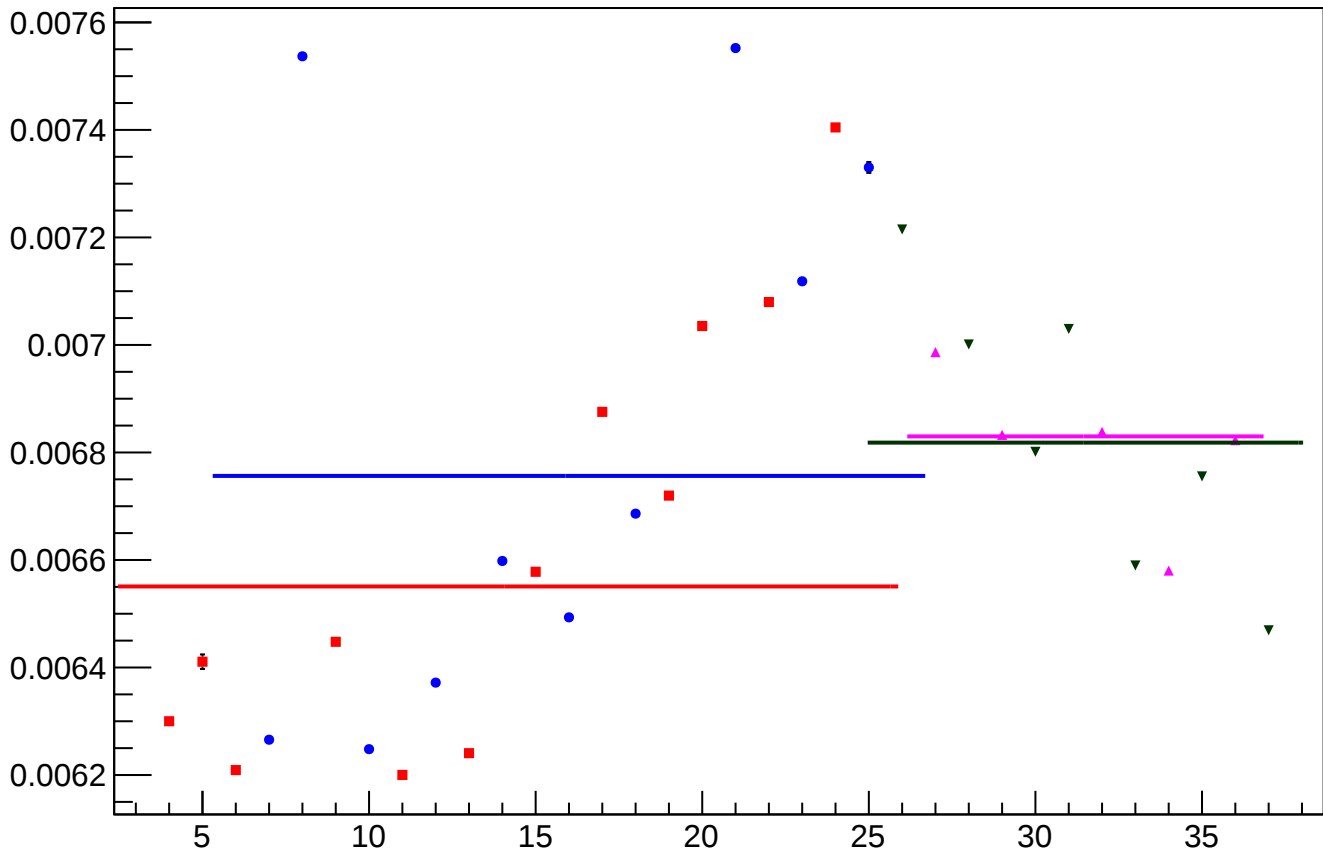
Right Out: 401.808+/-0.000 χ^2/NDF : 85007940378.6/11

Left In: 400.403+/-0.000 χ^2/NDF : 413709566.2/4

401.024+/-0.000 χ^2/NDF : 173301864695.4/16

401.328+/-0.000 χ^2/NDF : 185522735125.3/16

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 : 9122.1/6

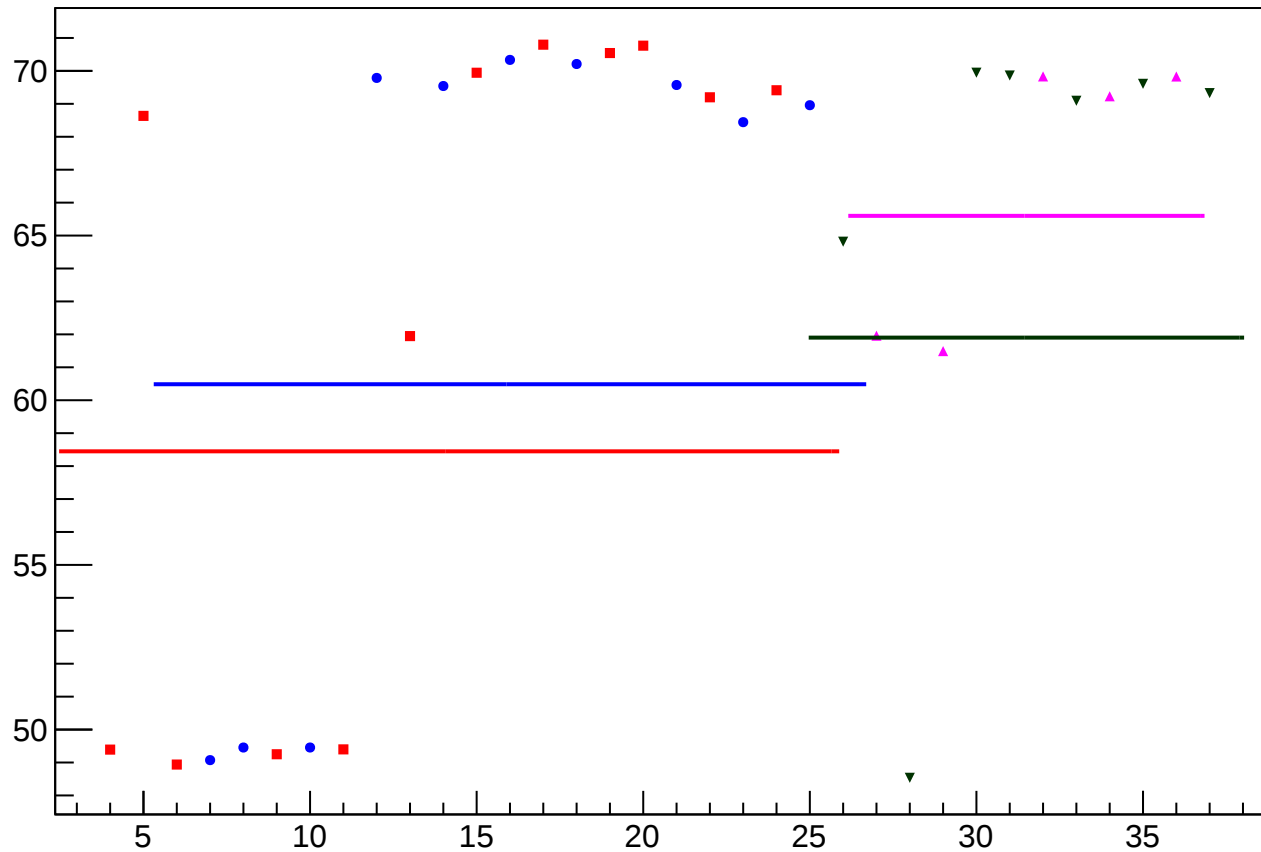
0.007+/-0.000 χ^2/NDF : 72496.0/16

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

0.007+/-0.000 χ^2/NDF : 52325.1/16

Left In: 0.007+/-0.000 χ^2/NDF : 2308.7/4

yield_cav4cQ_mean vs slug



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

Left Out: 61.901+/-0.000 χ^2/NDF : 7157197644.5/6

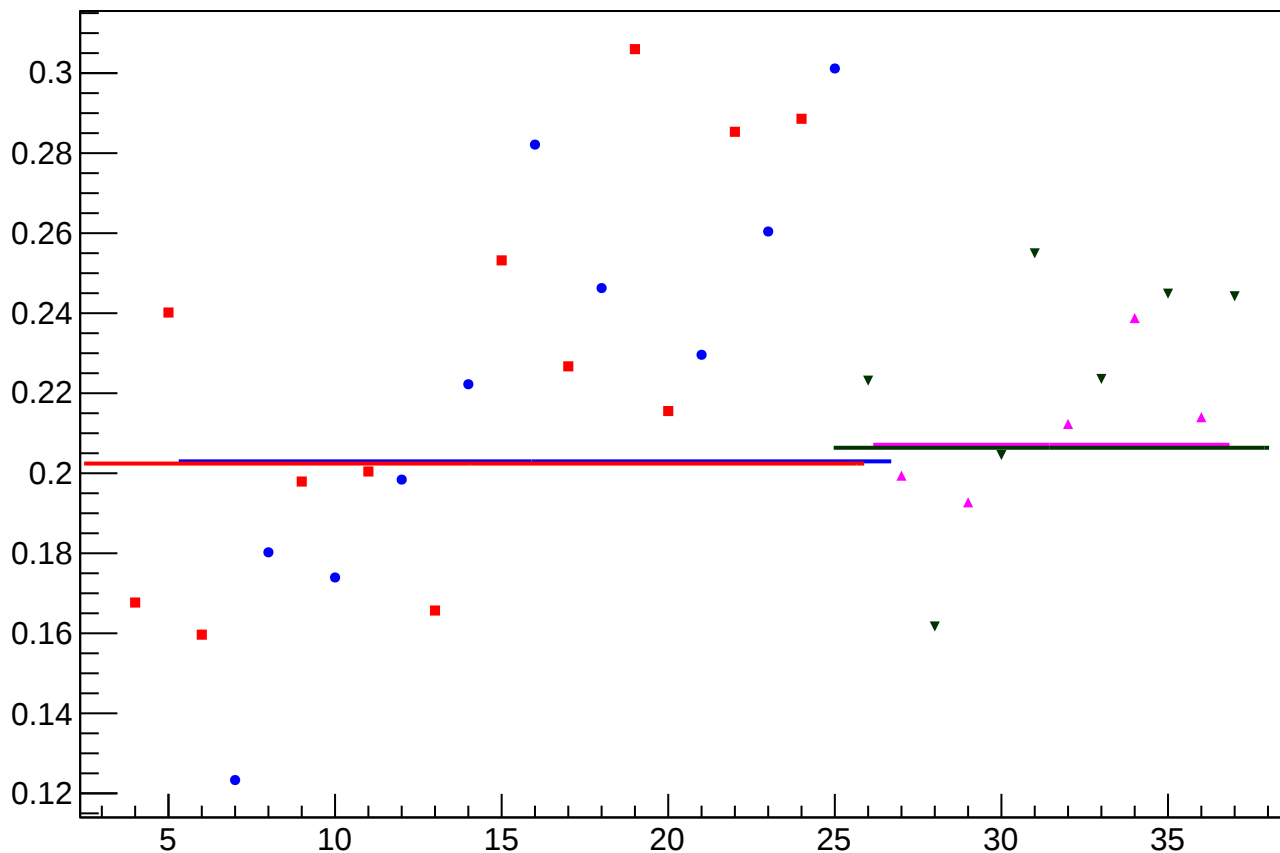
Right Out: 58.449+/-0.000 χ^2/NDF : 11367122273.9/11

Left In: 65.599+/-0.000 χ^2/NDF : 1187616774.9/4

60.994+/-0.000 χ^2/NDF : 21196955862.2/16

61.062+/-0.000 χ^2/NDF : 14972634696.8/16

yield_cav4cQ_rms vs slug



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

Left Out: 0.206+/-0.000 χ^2/NDF : 185533.8/6

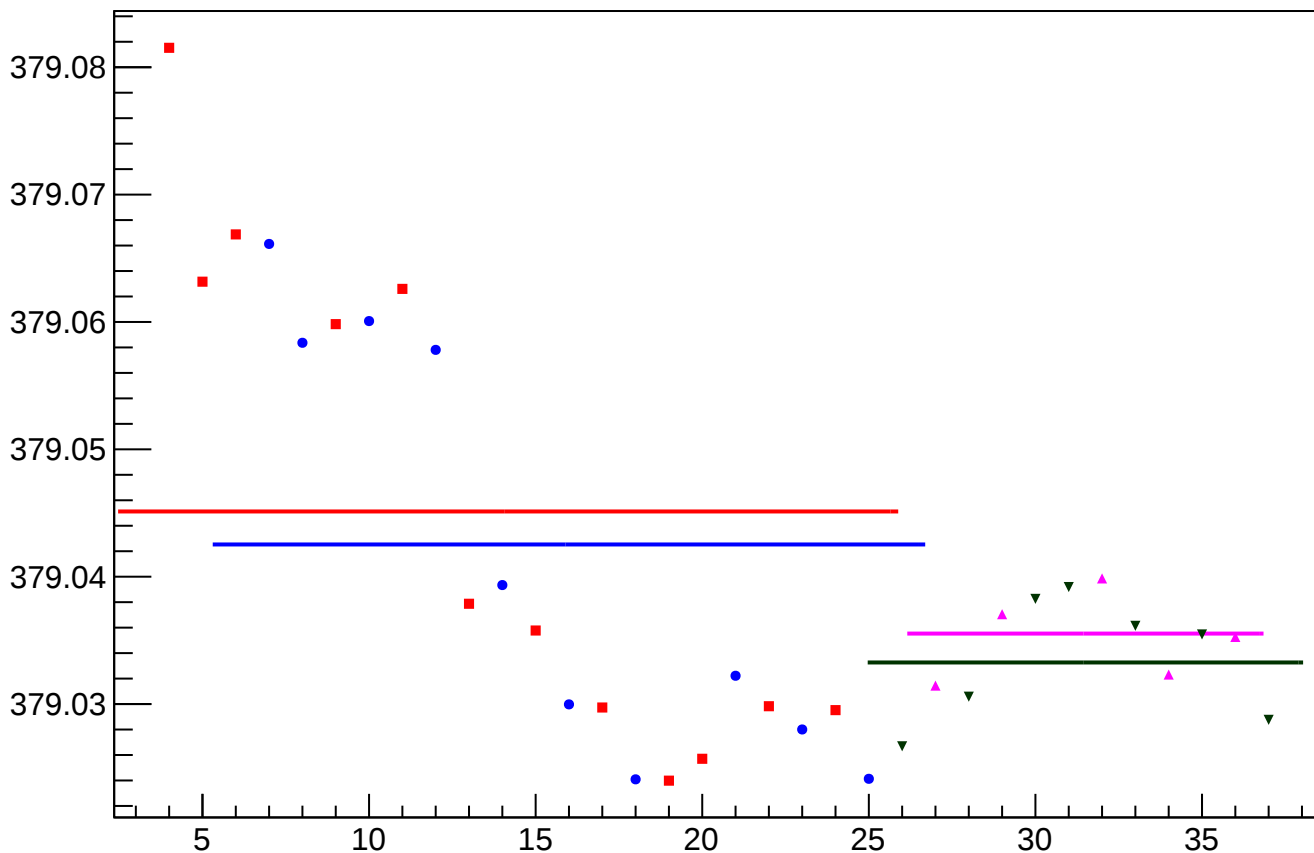
Right Out: 0.202+/-0.000 χ^2/NDF : 477643.7/11

Left In: 0.207+/-0.000 χ^2/NDF : 28870.3/4

0.204+/-0.000 χ^2/NDF : 696056.2/16

0.204+/-0.000 χ^2/NDF : 508595.8/16

yield_cav4dQ_mean vs slug



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

Left Out: 379.033+/-0.000 χ^2/NDF : 1488482.5/6

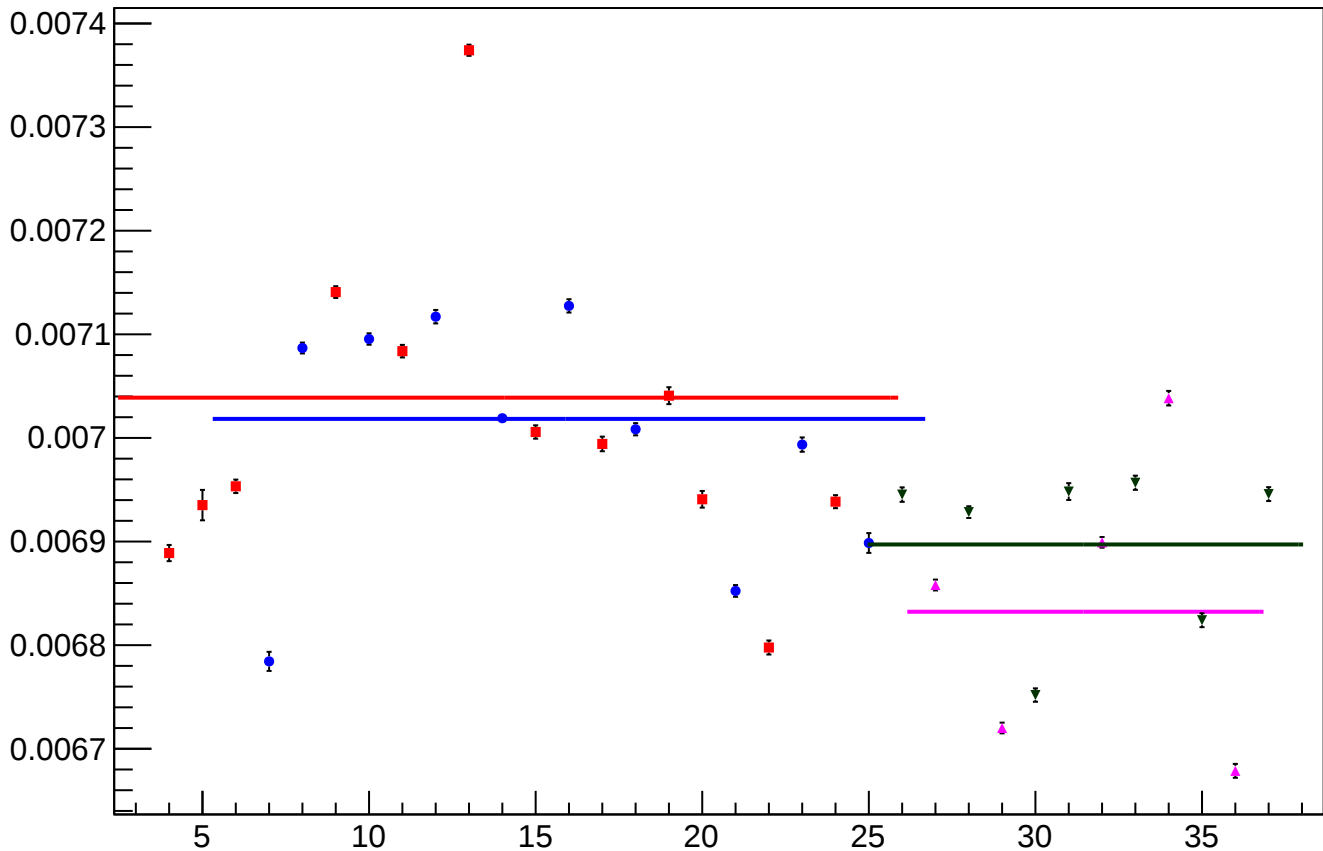
Right Out: 379.045+/-0.000 χ^2/NDF : 40922945.0/11

Left In: 379.036+/-0.000 χ^2/NDF : 806469.2/4

379.039+/-0.000 χ^2/NDF : 34134972.4/16

379.042+/-0.000 χ^2/NDF : 46172166.9/16

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 : 868.0/6

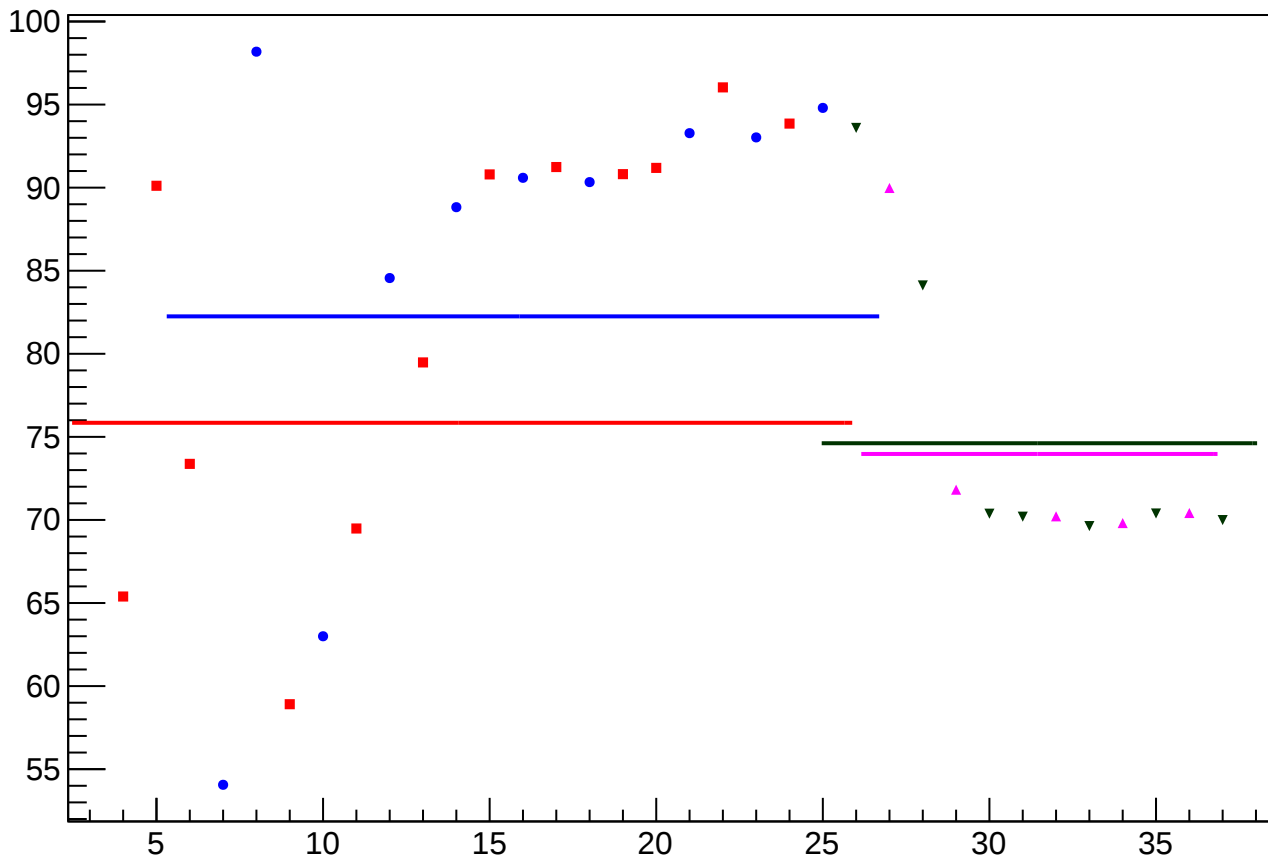
Right Out: 0.007+/-0.000 χ^2/NDF : 6581.5/11

Left In: 0.007+/-0.000 χ^2/NDF : 2050.9/4

0.007+/-0.000 χ^2/NDF : 4875.1/16

0.007+/-0.000 χ^2/NDF : 12759.3/16

yield_bcm0l02_mean vs slug



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

Left Out: 74.616+/-0.000 χ^2/NDF : 3426764240.5/6

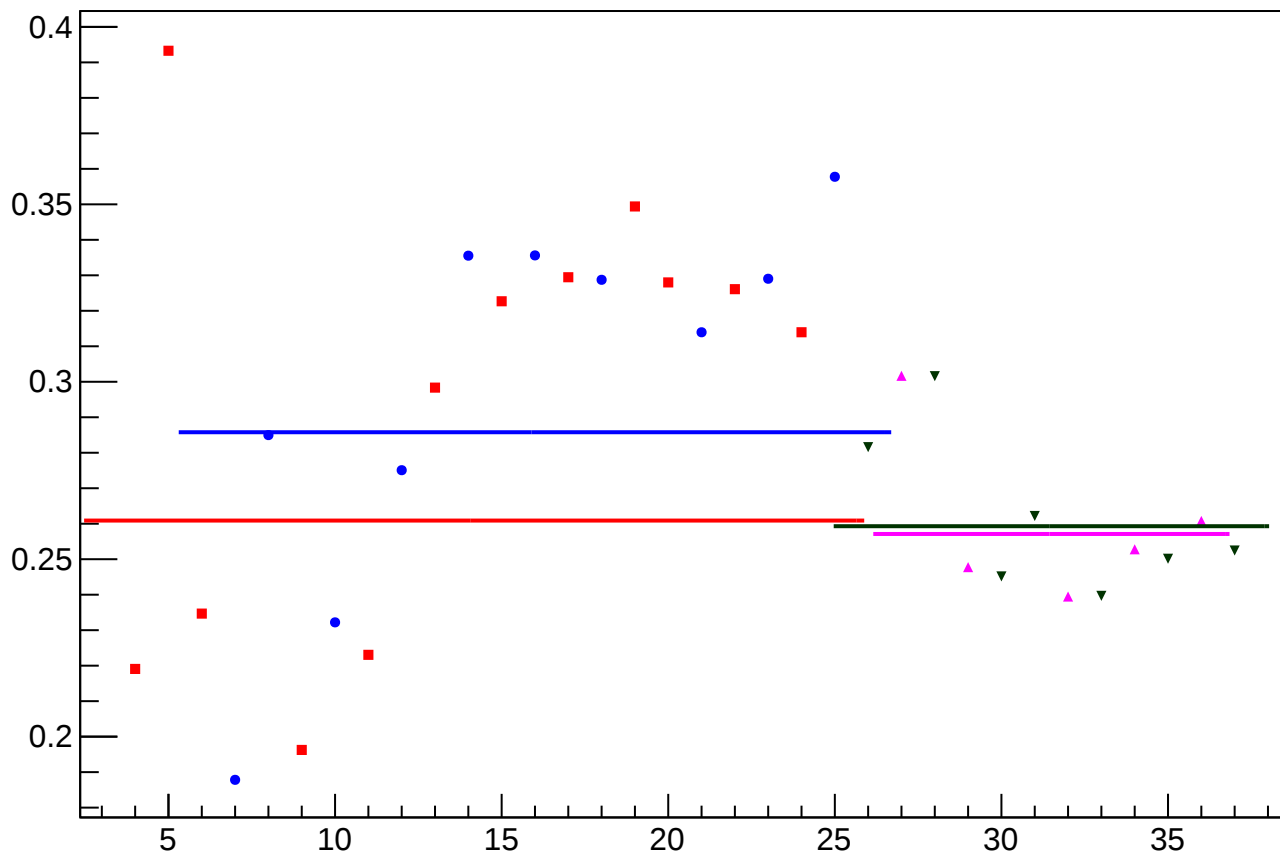
Right Out: 75.847+/-0.000 χ^2/NDF : 13482783083.5/11

Left In: 73.971+/-0.000 χ^2/NDF : 2675068187.3/4

79.053+/-0.000 χ^2/NDF : 20373697720.5/16

75.119+/-0.000 χ^2/NDF : 16265749650.7/16

yield_bcm0l02_rms vs slug



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

Left Out: 0.259 ± 0.000 χ^2/NDF : 40065.3/6

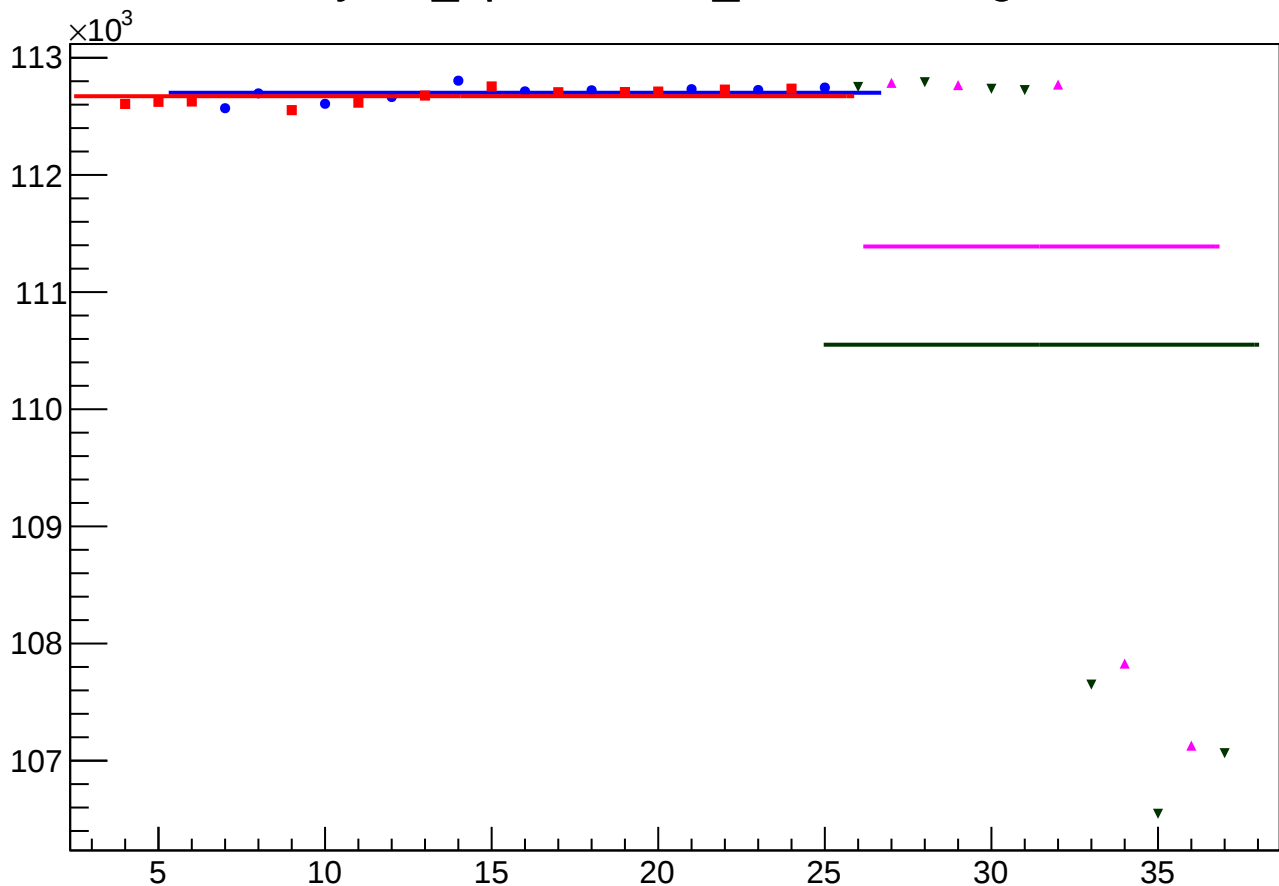
Right Out: 0.261 ± 0.000 χ^2/NDF : 481520.7/11

Left In: 0.257 ± 0.000 χ^2/NDF : 45733.2/4

0.275 ± 0.000 χ^2/NDF : 424915.9/16

0.259 ± 0.000 χ^2/NDF : 528130.0/16

yield_bpm2i01WS_mean vs slug



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

Left Out: 110550.901 $\pm$ 0.063 χ^2 /NDF: 1976278113.4/6

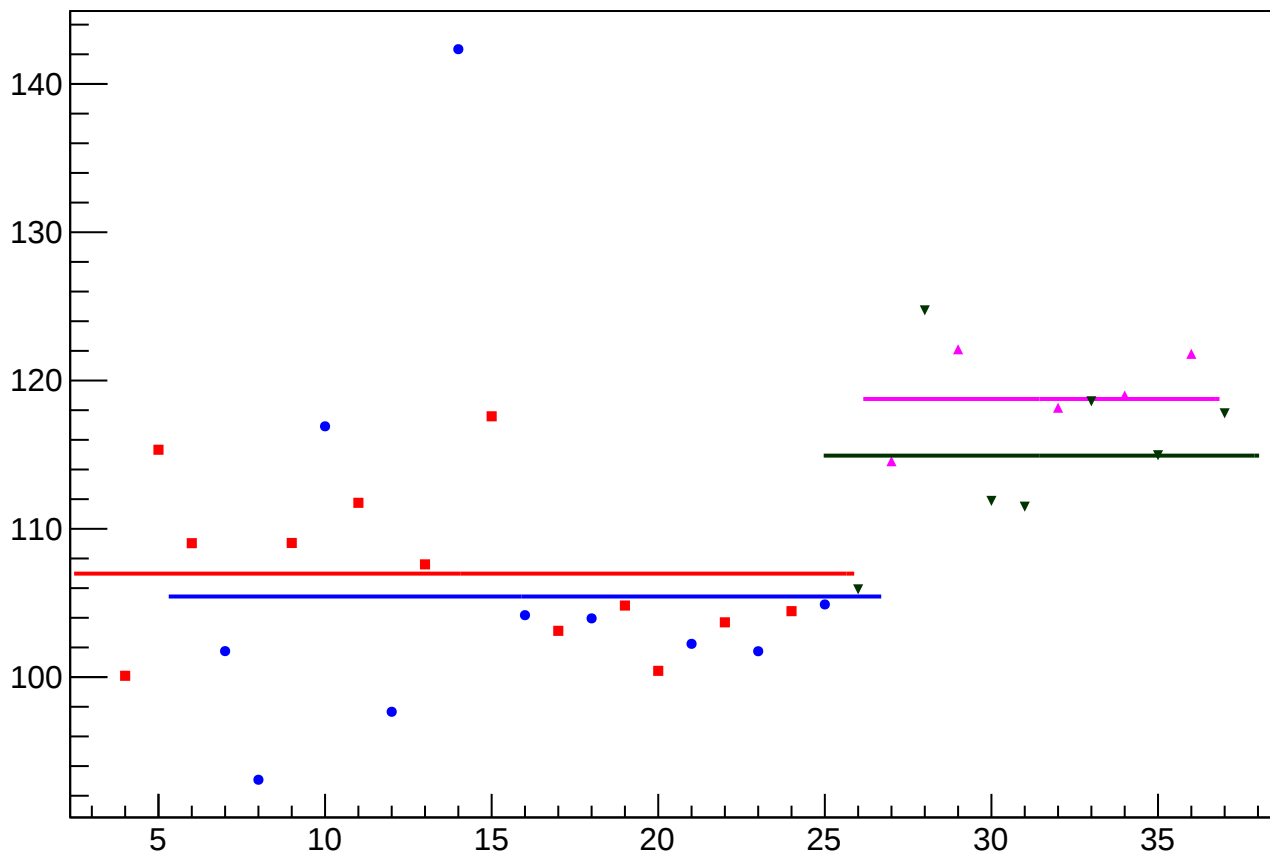
Right Out: 112671.936 $\pm$ 0.043 χ^2 /NDF: 2021453.7/11

Left In: 111389.333 $\pm$ 0.065 χ^2 /NDF: 1290714715.1/4

112024.814 $\pm$ 0.035 χ^2 /NDF: 2785071530.9/16

112275.823 $\pm$ 0.036 χ^2 /NDF: 1562081540.1/16

yield_bpm2i01WS_rms vs slug



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

Left Out: 114.937+/-0.044 χ^2/NDF : 17819.0/6

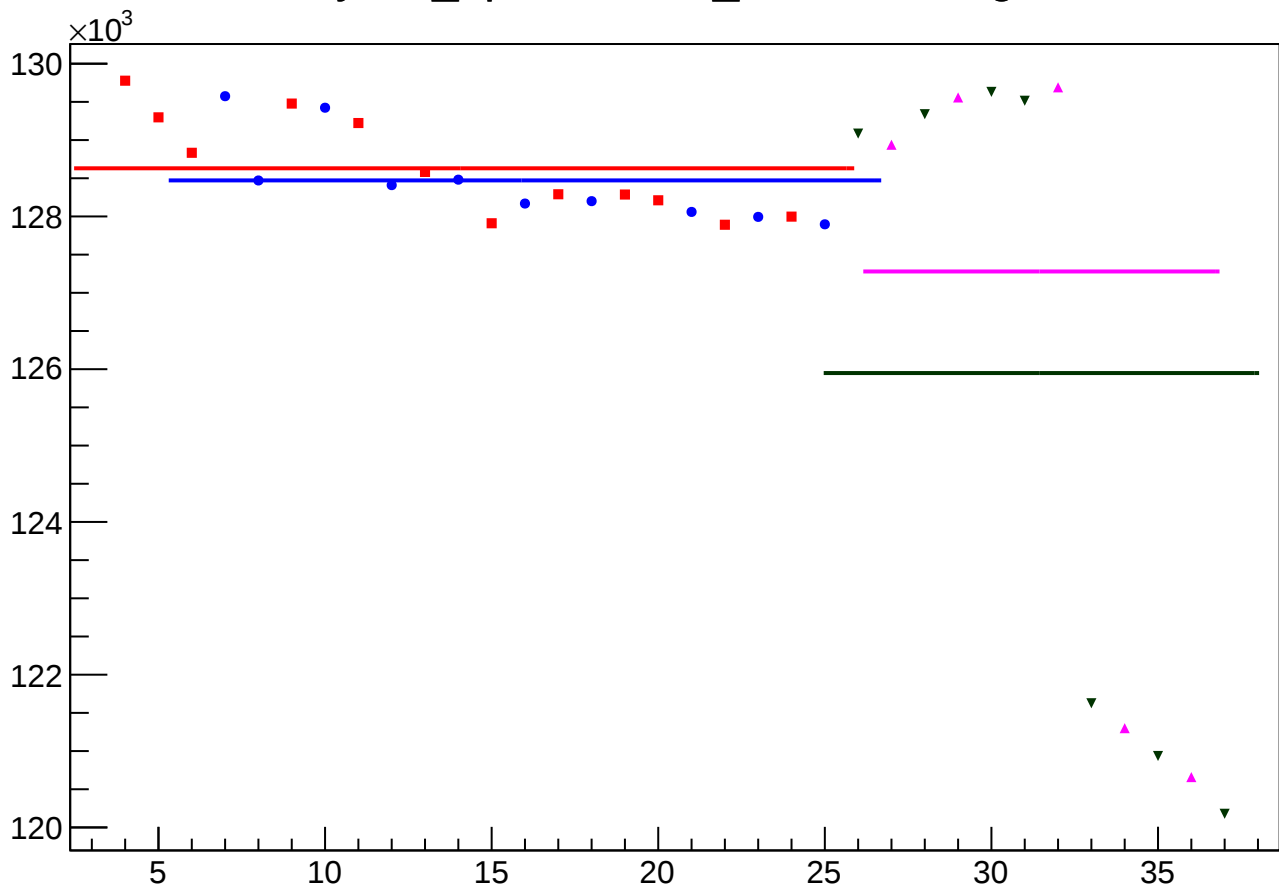
Right Out: 106.980+/-0.031 χ^2/NDF : 22698.2/11

Left In: 118.756+/-0.046 χ^2/NDF : 3920.9/4

108.426+/-0.025 χ^2/NDF : 237656.2/16

110.617+/-0.026 χ^2/NDF : 72031.7/16

yield_bpm0i07WS_mean vs slug



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

Left Out: 125949.507 $\pm$ 0.111 χ^2 /NDF:1441884455.2/6

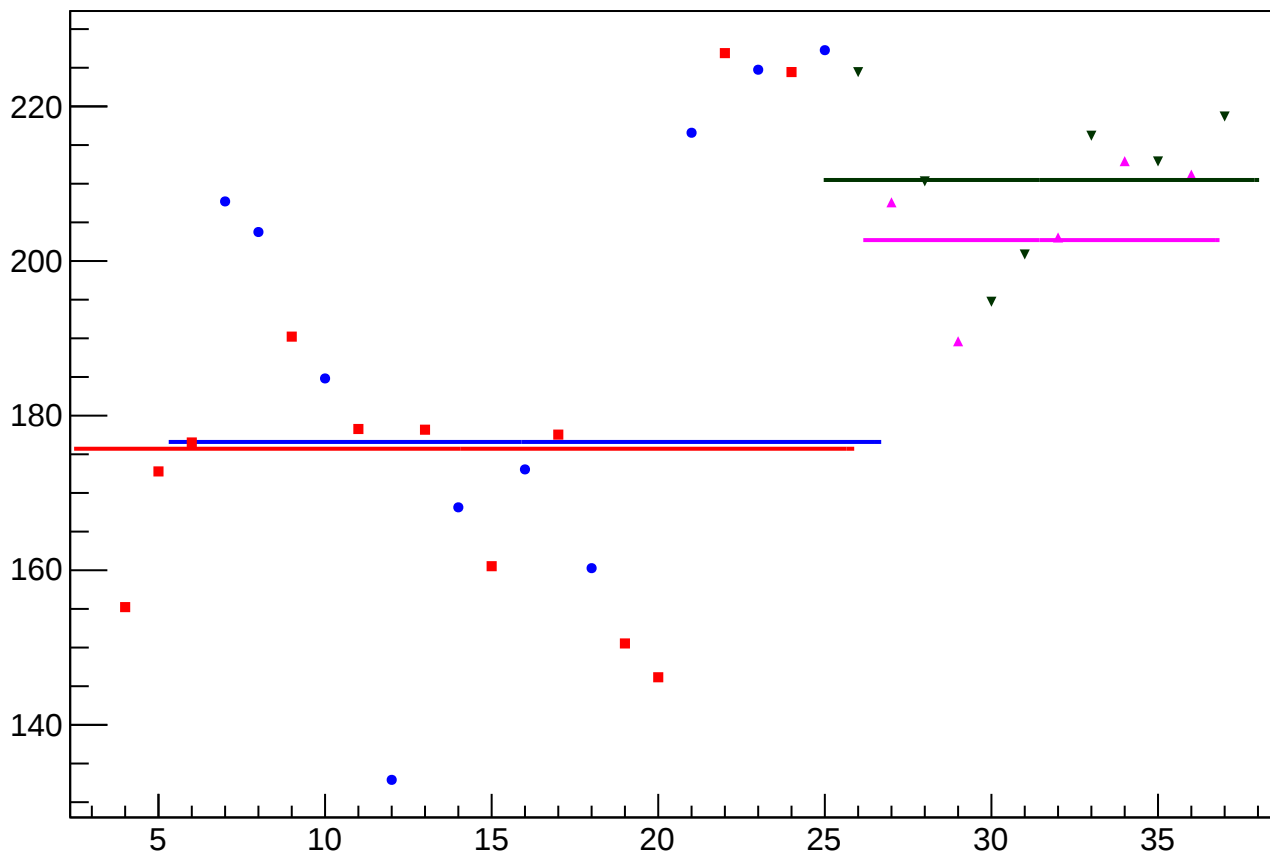
Right Out: 128630.323 $\pm$ 0.071 χ^2 /NDF: 69976766.8/11

Left In: 127279.512 $\pm$ 0.107 χ^2 /NDF:1177960932.3/4

127737.377 $\pm$ 0.060 χ^2 /NDF: 1850190387.6/10

128218.279 $\pm$ 0.059 χ^2 /NDF: 1358136731.4/10

yield_bpm0i07WS_rms vs slug



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

Left Out: 210.483 ± 0.078 χ^2/NDF : 14921.2/6

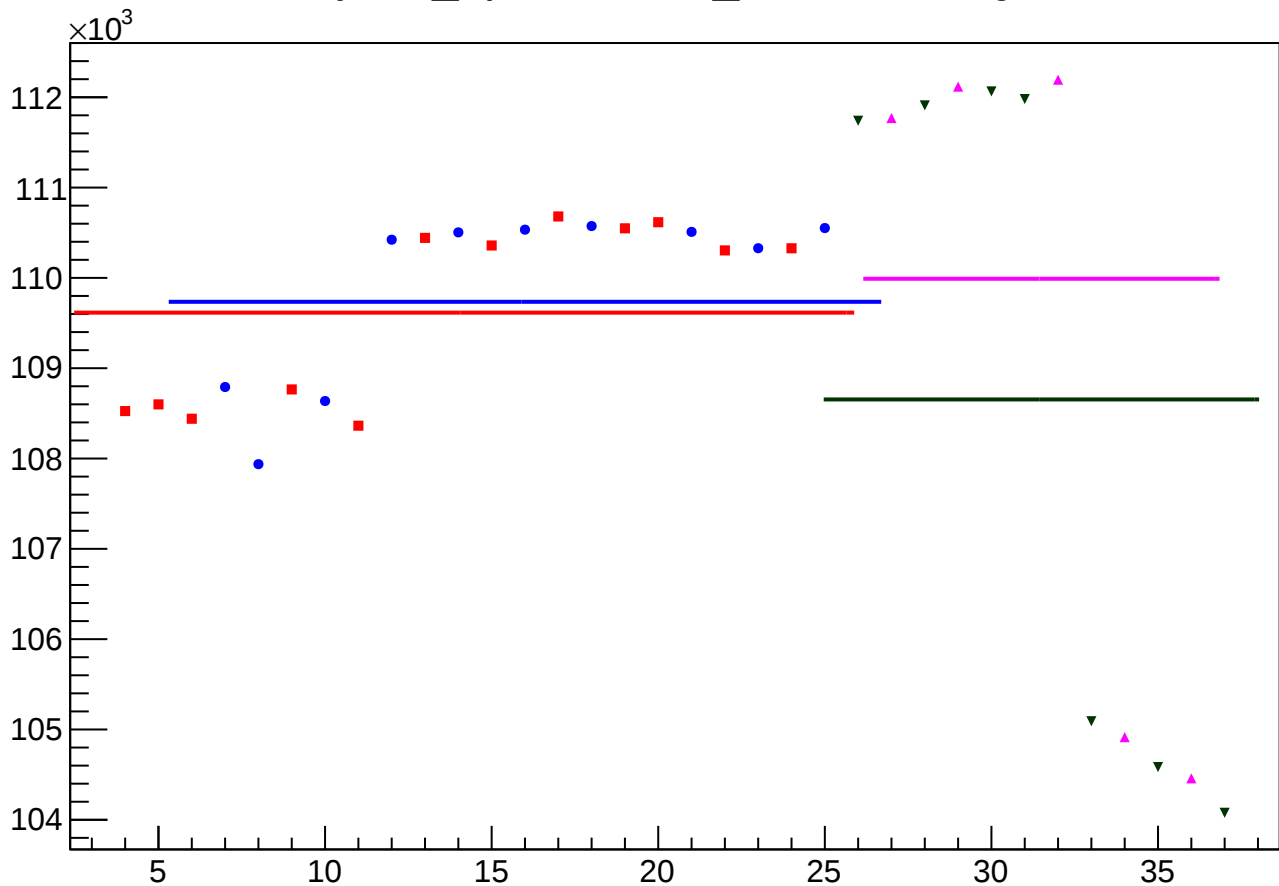
Right Out: 175.718 ± 0.050 χ^2/NDF : 188443.6/11

Left In: 202.707 ± 0.076 χ^2/NDF : 12903.5/4

186.465 ± 0.042 χ^2/NDF : 464648.3/16

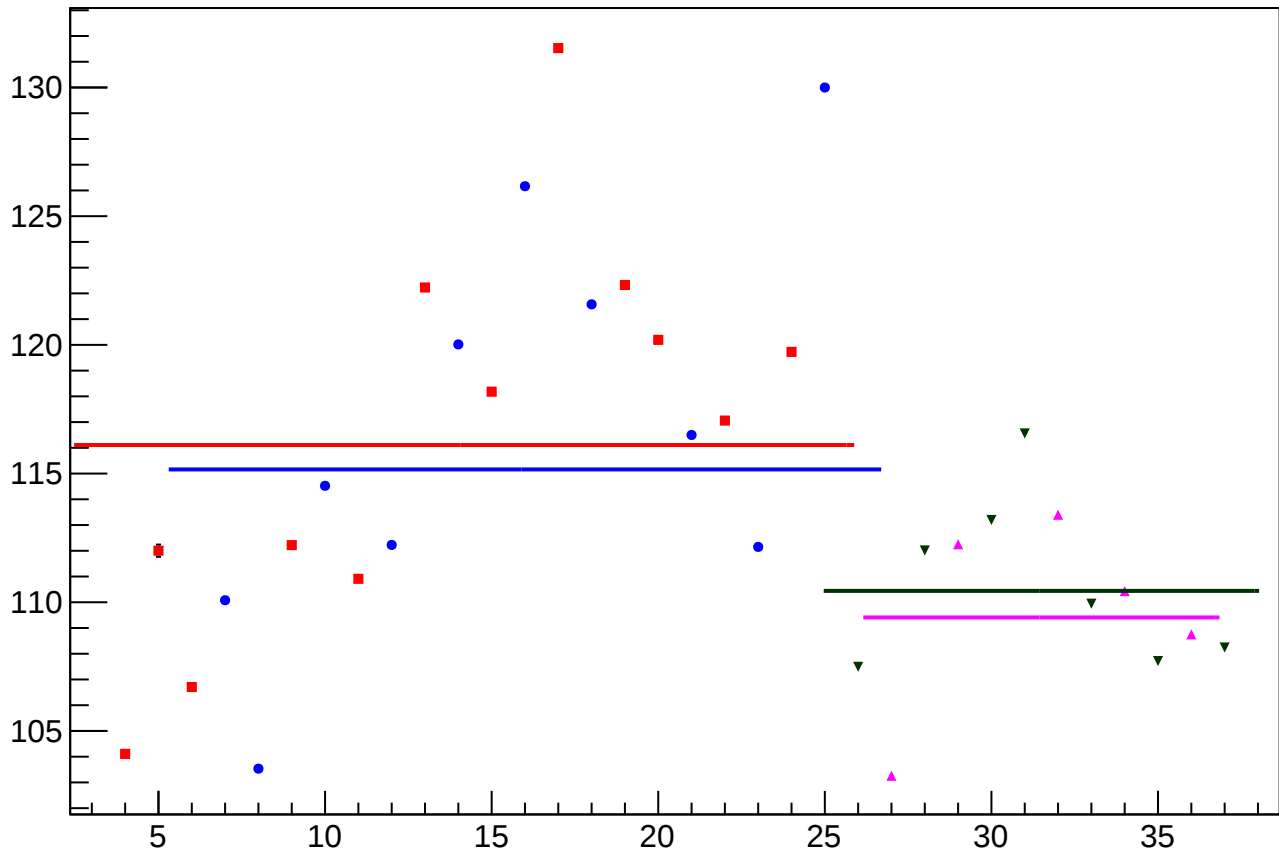
183.951 ± 0.042 χ^2/NDF : 289328.9/16

yield_bpm0l01WS_mean vs slug



Right In: 109735.295 $\pm$ 0.046 χ^2 /NDF: 537097563.8/9
 Left Out: 108654.138 $\pm$ 0.058 χ^2 /NDF: 3962538997.1/6
 Right Out: 109615.412 $\pm$ 0.047 χ^2 /NDF: 419274077.4/11
 Left In: 109990.120 $\pm$ 0.058 χ^2 /NDF: 3209864782.0/4

yield_bpm0l01WS_rms vs slug



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

Left Out: 110.442 $\pm$ 0.041 χ^2 /NDF: 4774.4/6

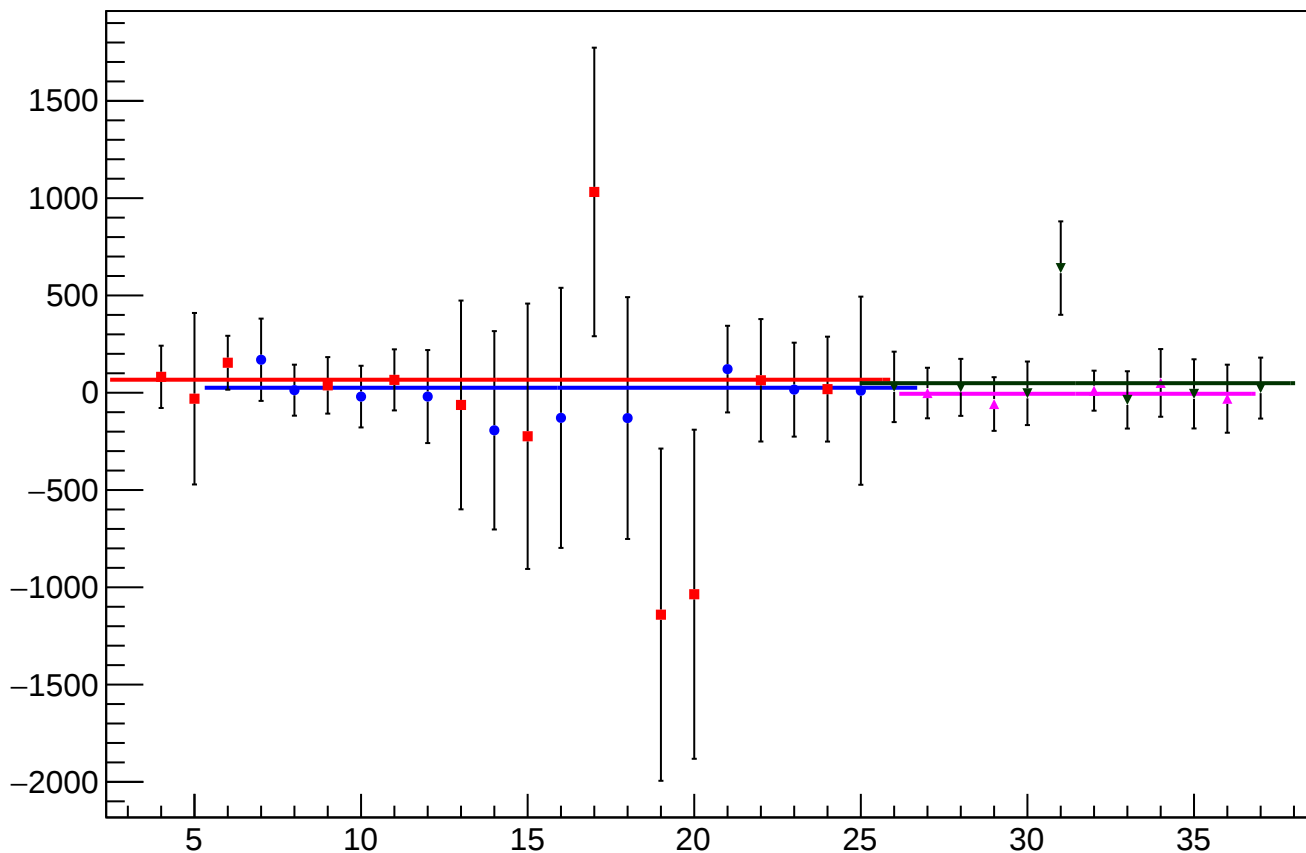
Right Out: 116.109 $\pm$ 0.033 χ^2 /NDF: 44081.8/11

Left In: 109.410 $\pm$ 0.041 χ^2 /NDF: 9374.2/4

113.361 $\pm$ 0.025 χ^2 /NDF: 61011.4/16

113.469 $\pm$ 0.026 χ^2 /NDF: 69648.3/16

asym_bcm_an_ds_mean vs slug



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

Left Out: 49.098 ± 63.193 $\chi^2/\text{NDF}: 6.7/6$

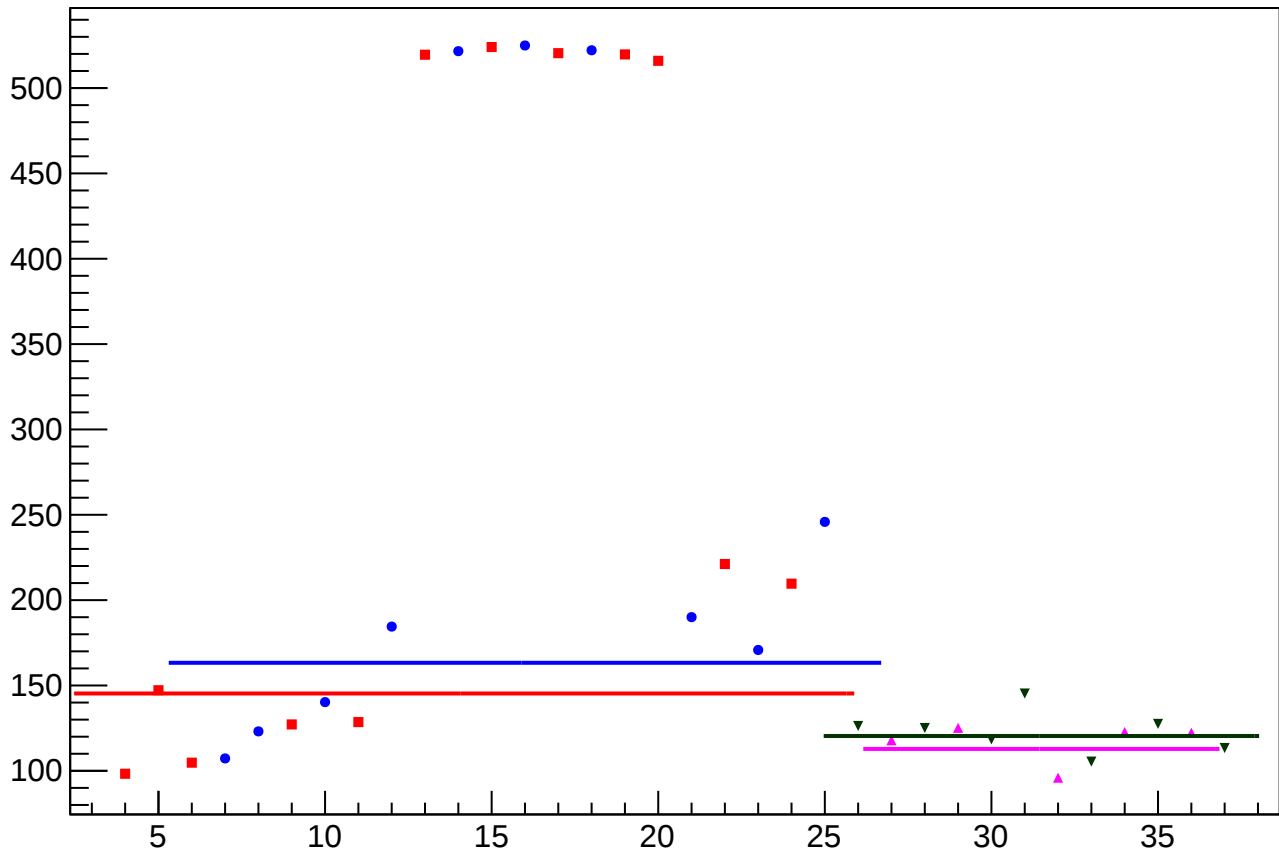
Right Out: 66.920 ± 67.669 $\chi^2/\text{NDF}: 6.2/11$

Left In: -5.400 ± 60.615 $\chi^2/\text{NDF}: 0.3/4$

39.026 ± 47.750 $\chi^2/\text{NDF}: 7.8/16$

26.796 ± 45.150 $\chi^2/\text{NDF}: 7.1/16$

asym_bcm_an_ds_rms vs slug



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

Left Out: 120.411+/-0.045 χ^2/NDF : 53901.8/6

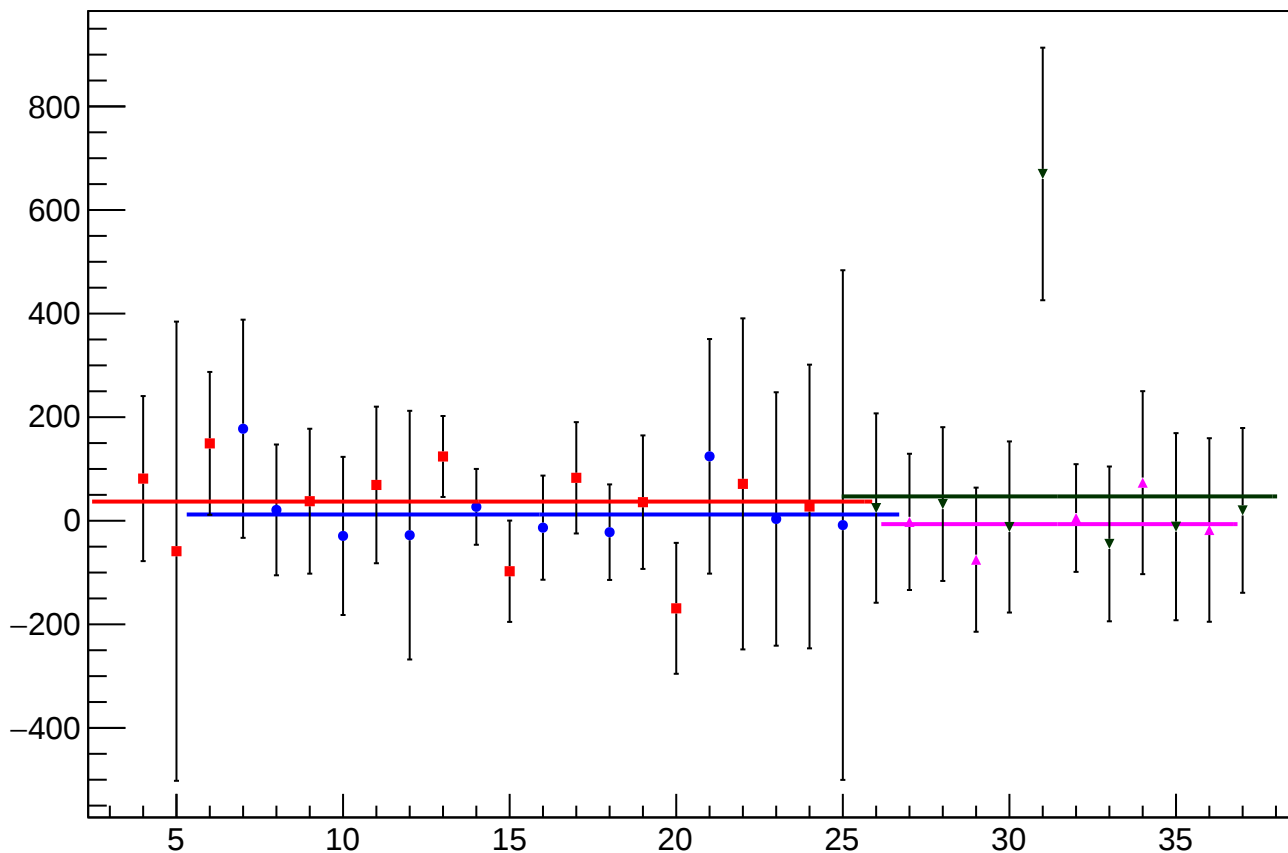
138.811+/-0.034 χ^2/NDF : 3165142.3/16

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

127.291+/-0.032 χ^2/NDF : 3839512.8/16

Left In: 112.824+/-0.043 χ^2/NDF : 85226.7/4

asym_bcm_an_ds3_mean vs slug



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

Left Out: 47.010 $\pm$ 64.060 χ^2 /NDF: 7.2/6

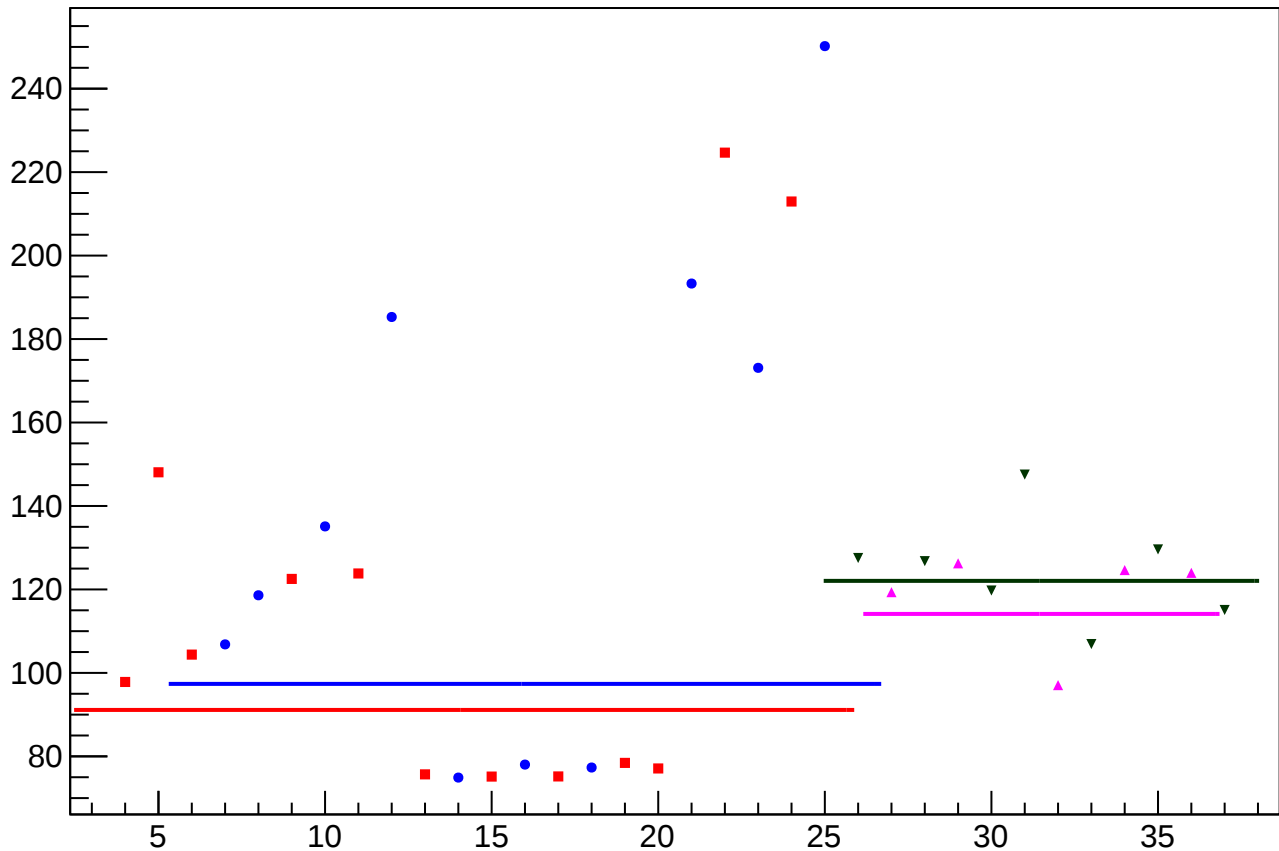
Right Out: 37.031 $\pm$ 38.001 χ^2 /NDF: 6.8/11

Left In: -6.509 $\pm$ 61.332 χ^2 /NDF: 0.5/4

22.316 $\pm$ 34.657 χ^2 /NDF: 8.6/16

24.953 $\pm$ 32.303 χ^2 /NDF: 7.6/16

asym_bcm_an_ds3_rms vs slug



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

Left Out: 122.053+/-0.045 χ^2/NDF : 53892.7/6

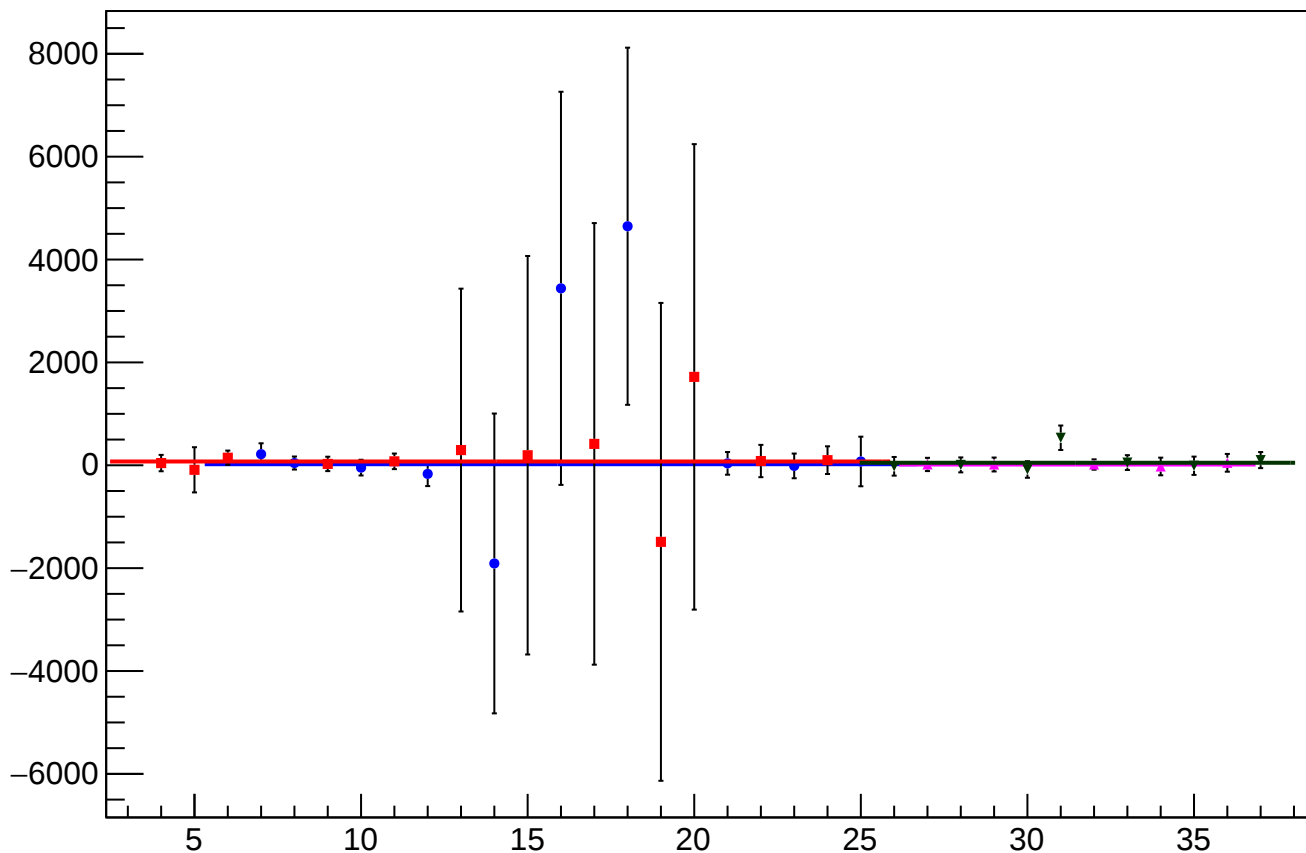
104.592+/-0.025 χ^2/NDF : 1815036.9/16

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

97.508+/-0.023 χ^2/NDF : 1502320.5/16

Left In: 114.132+/-0.043 χ^2/NDF : 85434.9/4

asym_bcm_an_us_mean vs slug



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

Left Out: 48.881+/-62.659 χ^2/NDF : 5.3/6

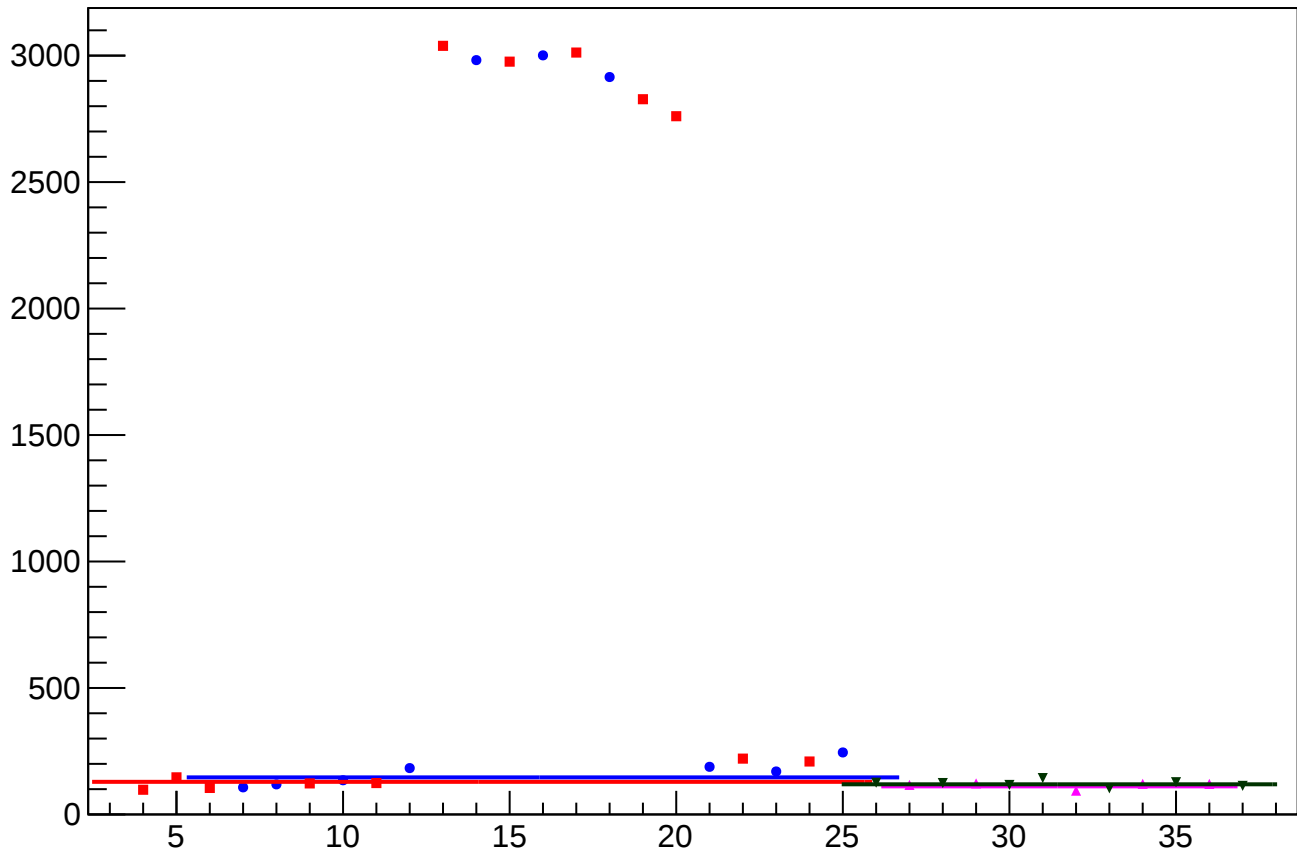
Right Out: 73.751+/-68.100 χ^2/NDF : 0.8/11

Left In: 14.534+/-59.692 χ^2/NDF : 0.1/4

37.014+/-47.536 χ^2/NDF : 10.1/16

40.264+/-44.889 χ^2/NDF : 1.3/16

asym_bcm_an_us_rms vs slug



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

Left Out: 119.196 $\pm$ 0.044 χ^2 /NDF: 59085.8/6

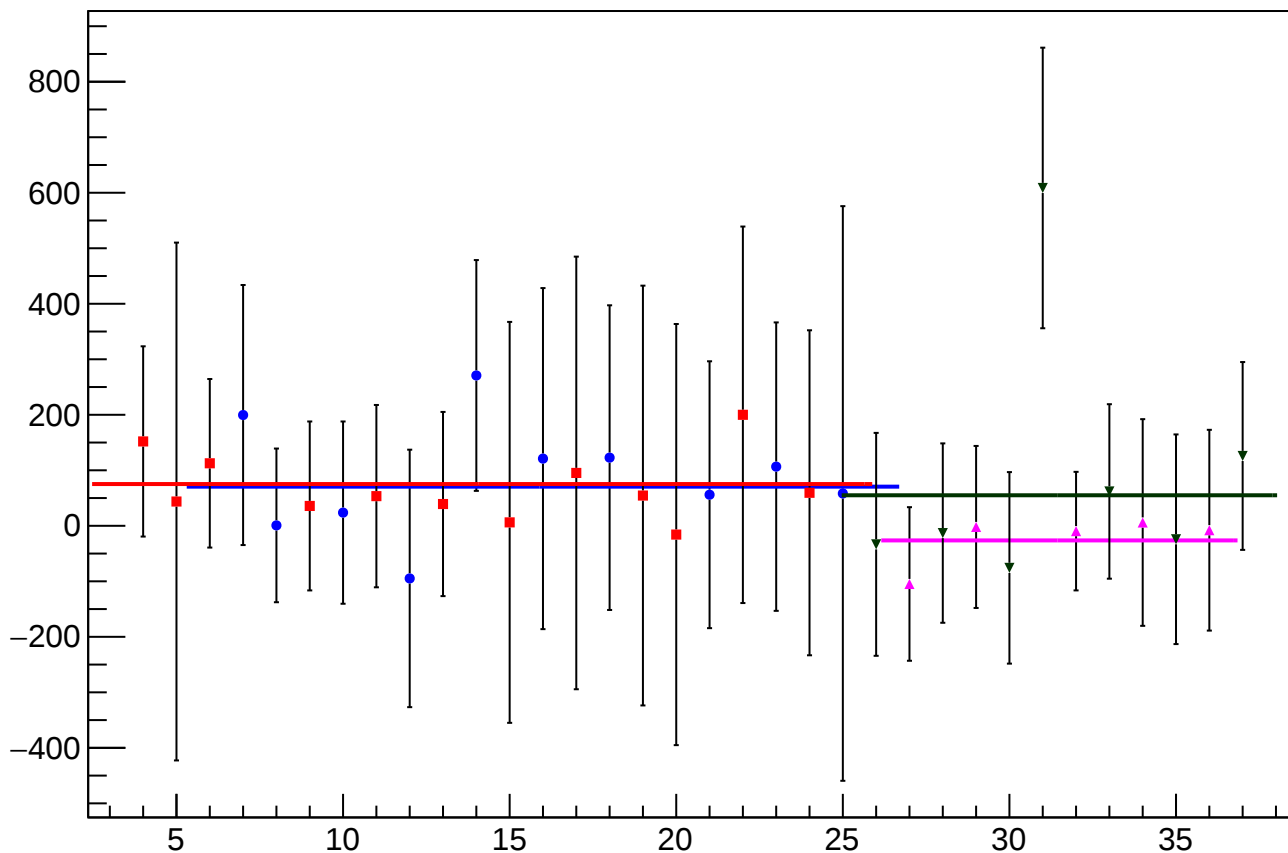
130.816 $\pm$ 0.034 χ^2 /NDF: 4900142.5/16

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

118.815 $\pm$ 0.032 χ^2 /NDF: 5717516.6/16

Left In: 111.027 $\pm$ 0.042 χ^2 /NDF: 89350.4/4

asym_bcm_dg_us_mean vs slug



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

Left Out: 55.014+/-68.069 χ^2/NDF : 6.1/6

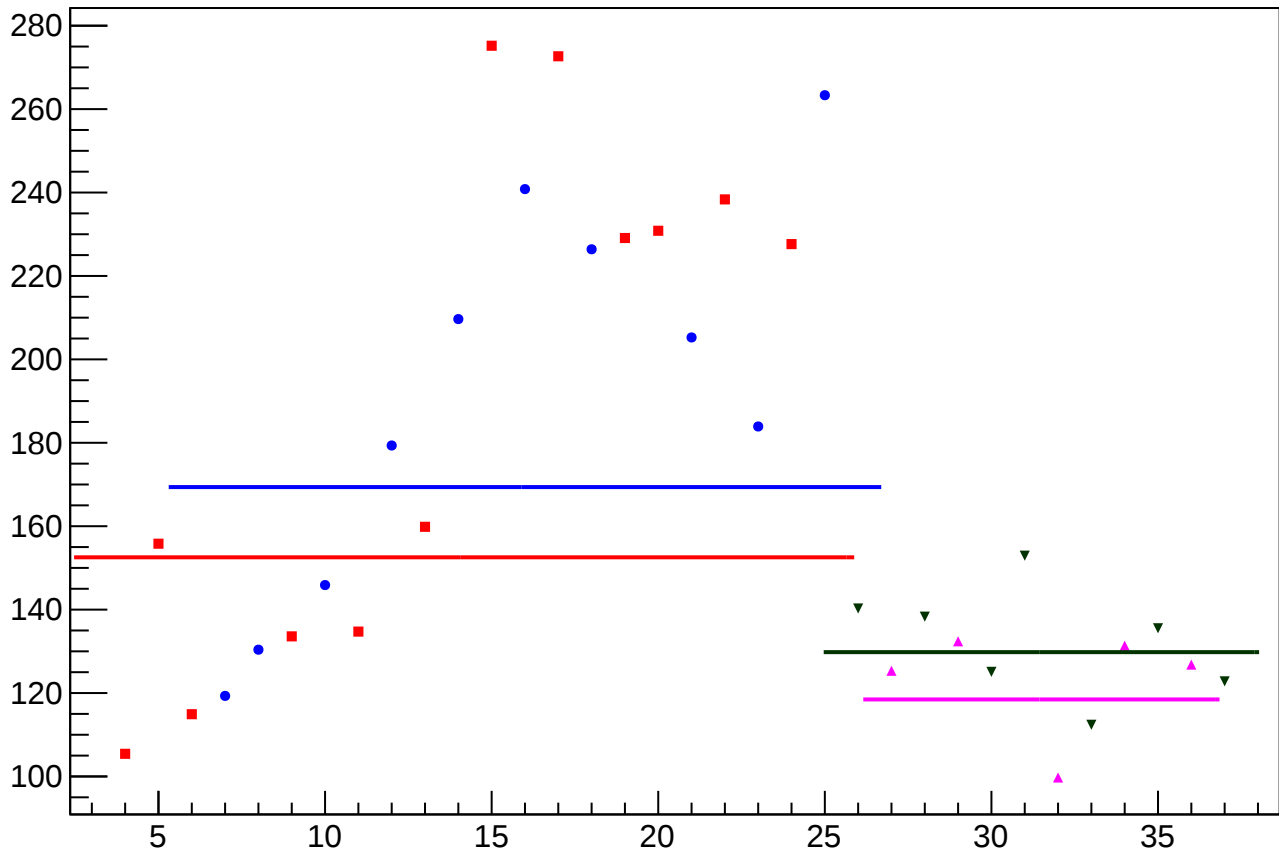
Right Out: 75.223+/-63.607 χ^2/NDF : 0.6/11

Left In: -26.319+/-63.716 χ^2/NDF : 0.4/4

62.653+/-48.520 χ^2/NDF : 8.3/16

24.539+/-45.016 χ^2/NDF : 2.3/16

asym_bcm_dg_us_rms vs slug



Right In: 169.383 $\pm$ 0.049 χ^2 /NDF: 680872.4/9

Left Out: 129.806 $\pm$ 0.048 χ^2 /NDF: 59043.3/6

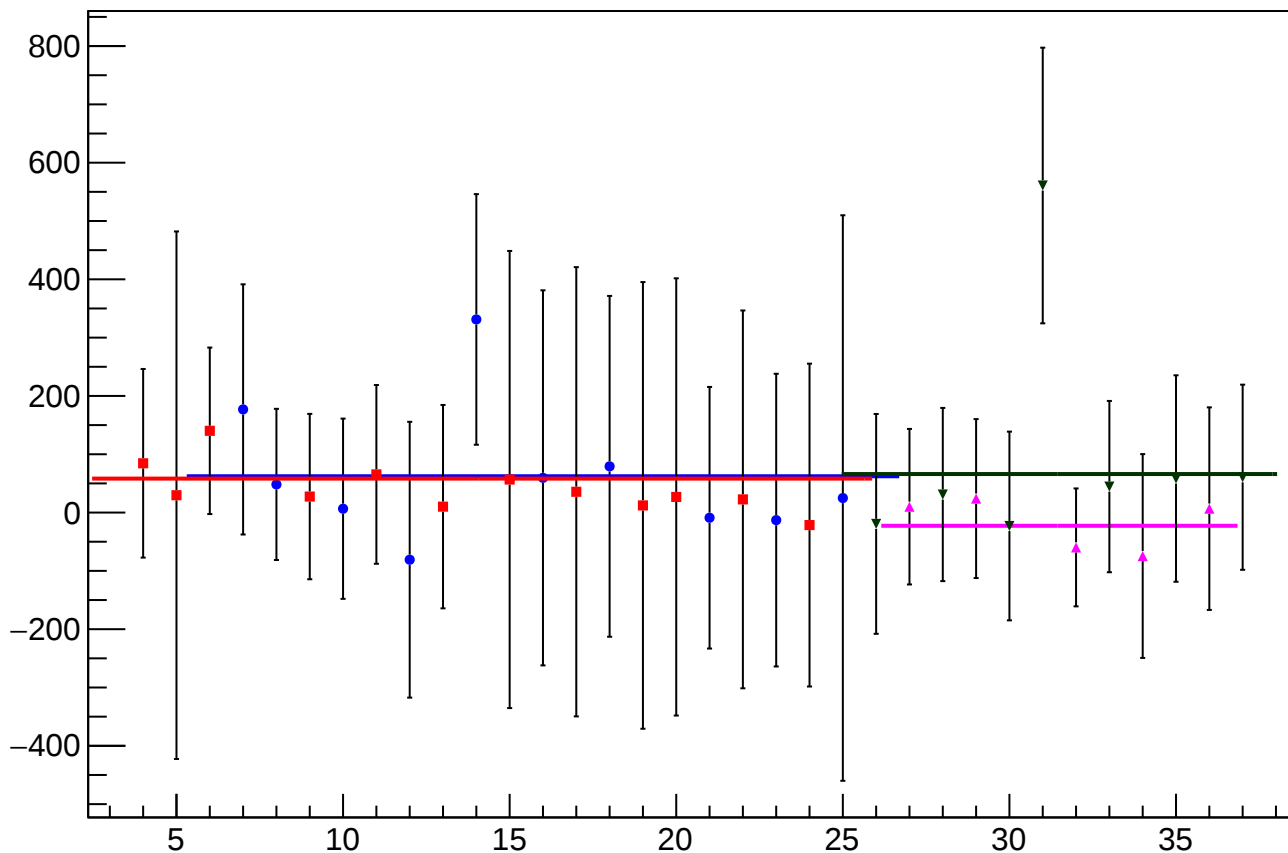
149.275 $\pm$ 0.034 χ^2 /NDF: 1072494.4/16

Right Out: 152.541 $\pm$ 0.045 χ^2 /NDF: 1180030.6/11

135.533 $\pm$ 0.032 χ^2 /NDF: 1564955.2/16

Left In: 118.467 $\pm$ 0.045 χ^2 /NDF: 98447.2/4

asym_bcm_dg_ds_mean vs slug



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

Left Out: 66.055 $\pm$ 63.564 χ^2/NDF : 5.0/6

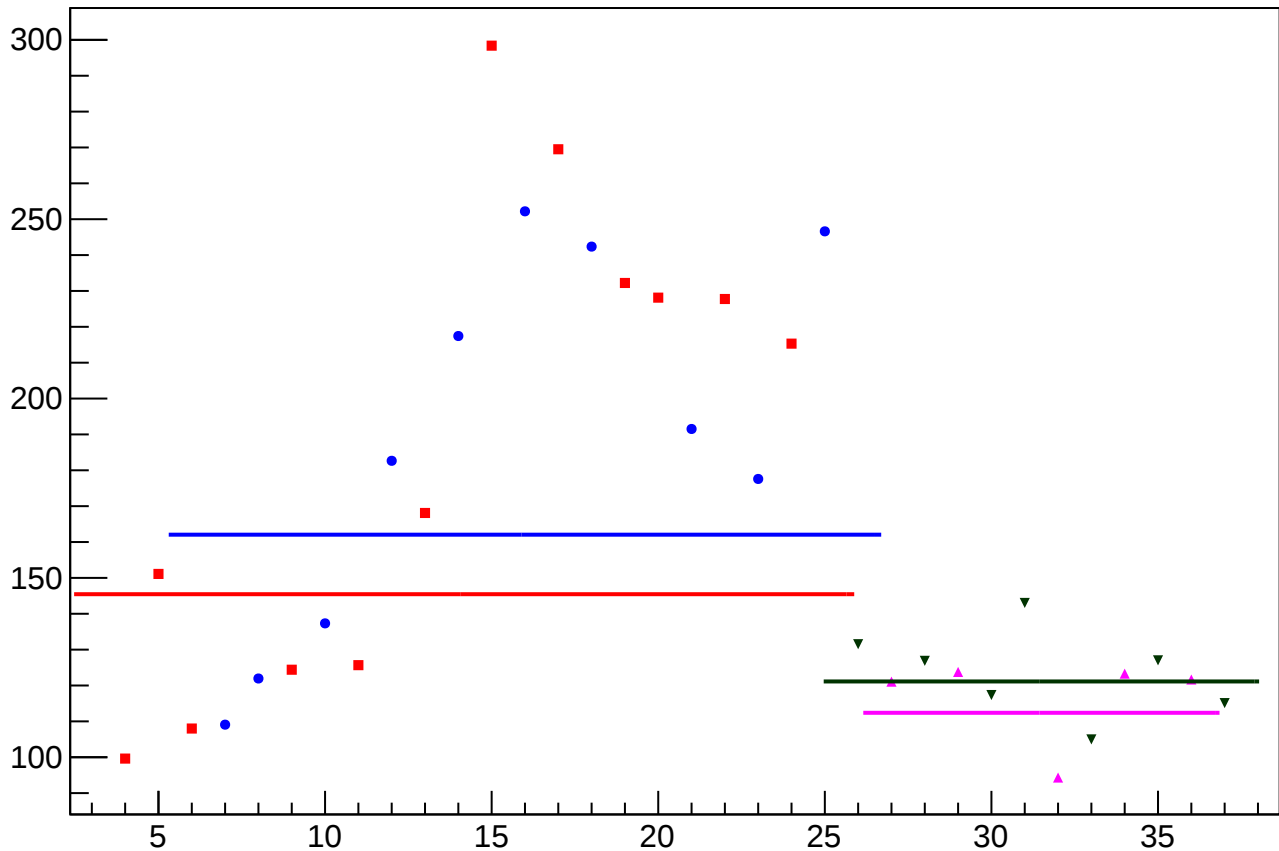
Right Out: 58.253 $\pm$ 61.187 χ^2/NDF : 0.6/11

Left In: -22.664 $\pm$ 60.443 χ^2/NDF : 0.4/4

64.249 $\pm$ 46.053 χ^2/NDF : 7.5/16

17.299 $\pm$ 43.000 χ^2/NDF : 1.9/16

asym_bcm_dg_ds_rms vs slug



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

Left Out: 121.128+/-0.045 χ^2/NDF :56609.4/6

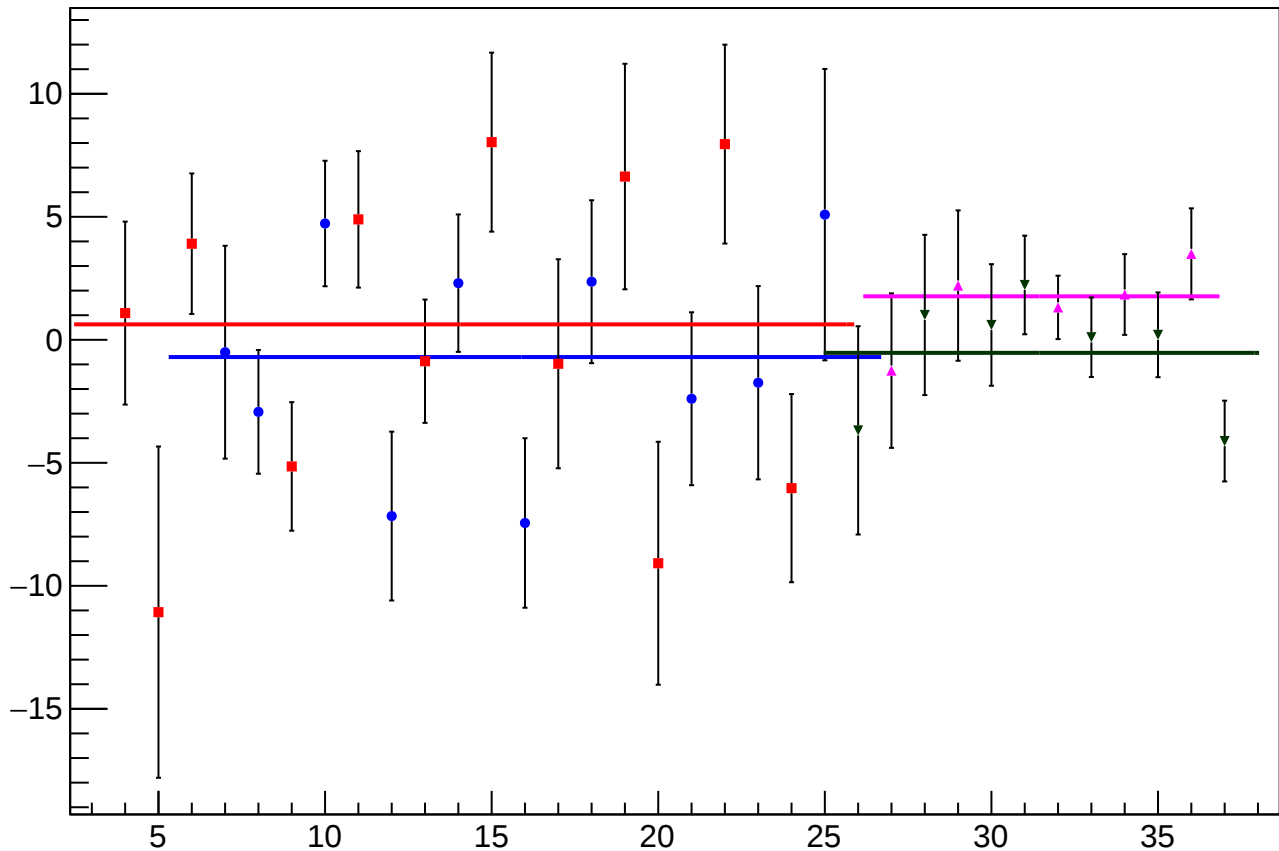
140.568+/-0.033 χ^2/NDF : 1374017.0/16

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

128.720+/-0.030 χ^2/NDF : 1773089.5/16

Left In: 112.390+/-0.043 χ^2/NDF :99694.4/4

asym_cav4bQ_mean vs slug



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

Left Out: -0.529 ± 0.778 χ^2/NDF : 8.0/6

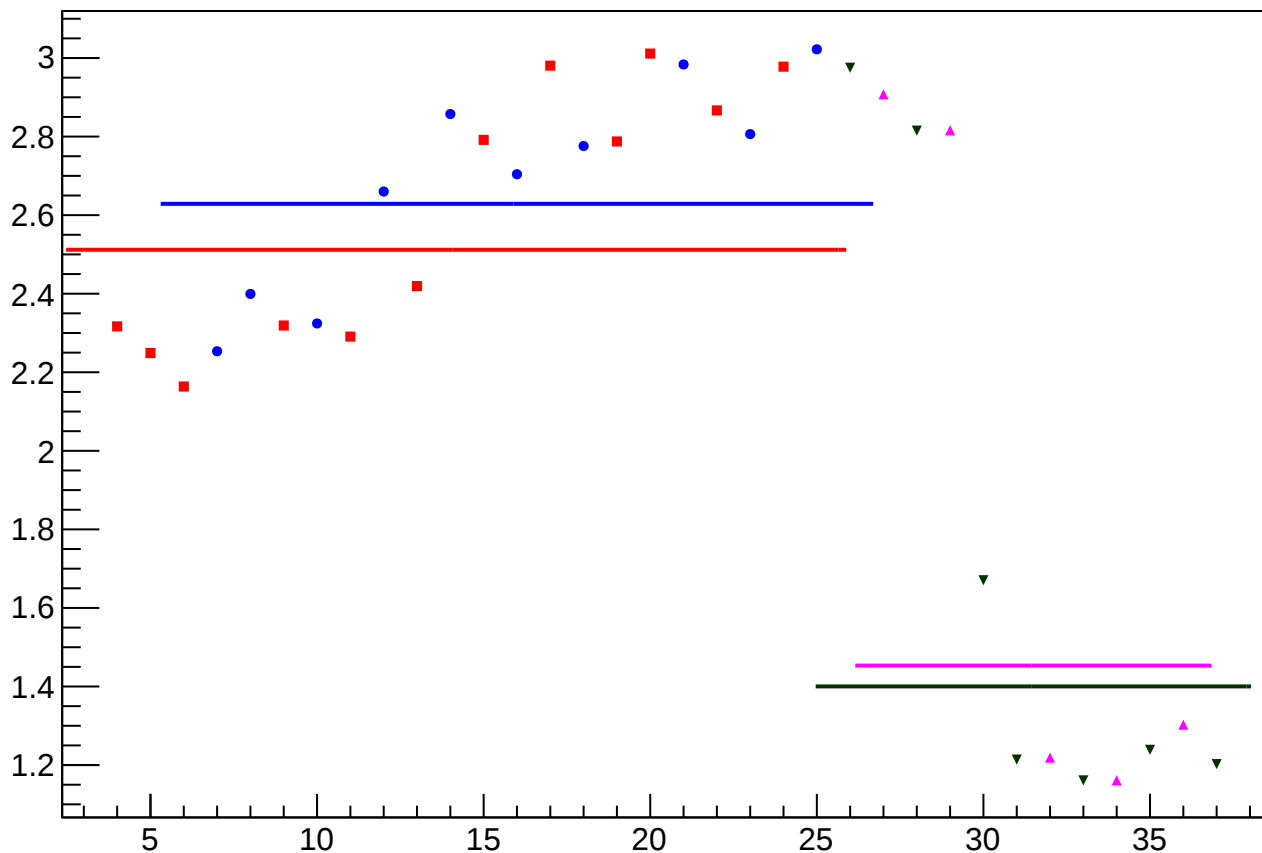
Right Out: 0.628 ± 0.999 χ^2/NDF : 28.1/11

Left In: 1.768 ± 0.824 χ^2/NDF : 1.9/4

-0.591 ± 0.622 χ^2/NDF : 24.0/16

1.307 ± 0.636 χ^2/NDF : 30.9/16

asym_cav4bQ_rms vs slug



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

Left Out: 1.400 $\pm$ 0.001 χ^2 /NDF: 785768.2/6

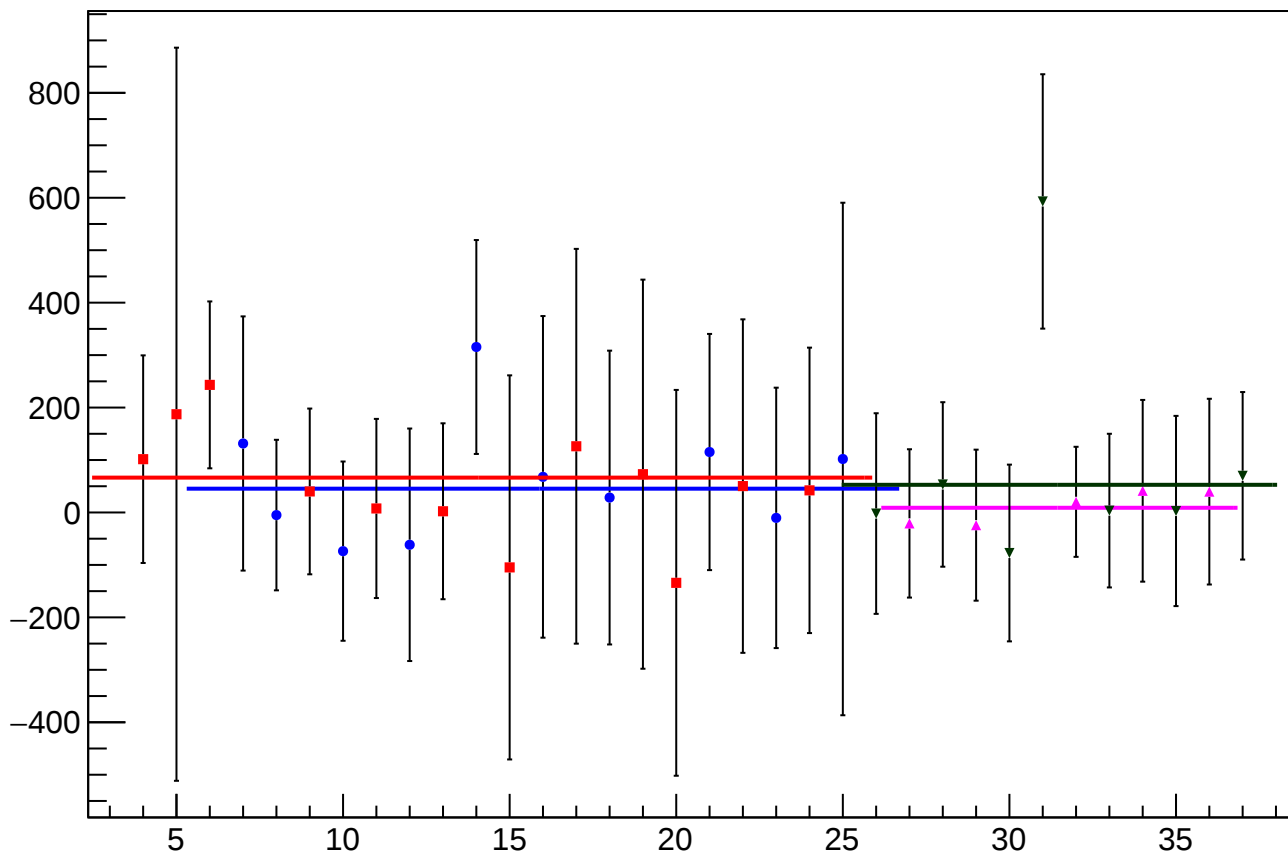
Right Out: 2.512 $\pm$ 0.001 χ^2 /NDF: 173540.5/11

Left In: 1.453 $\pm$ 0.001 χ^2 /NDF: 969483.5/4

1.842 $\pm$ 0.000 χ^2 /NDF: 2692151.9/16

1.882 $\pm$ 0.000 χ^2 /NDF: 2479826.7/16

asym_cav4cQ_mean vs slug



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

Left Out: 52.728 ± 65.029 χ^2/NDF : 5.8/6

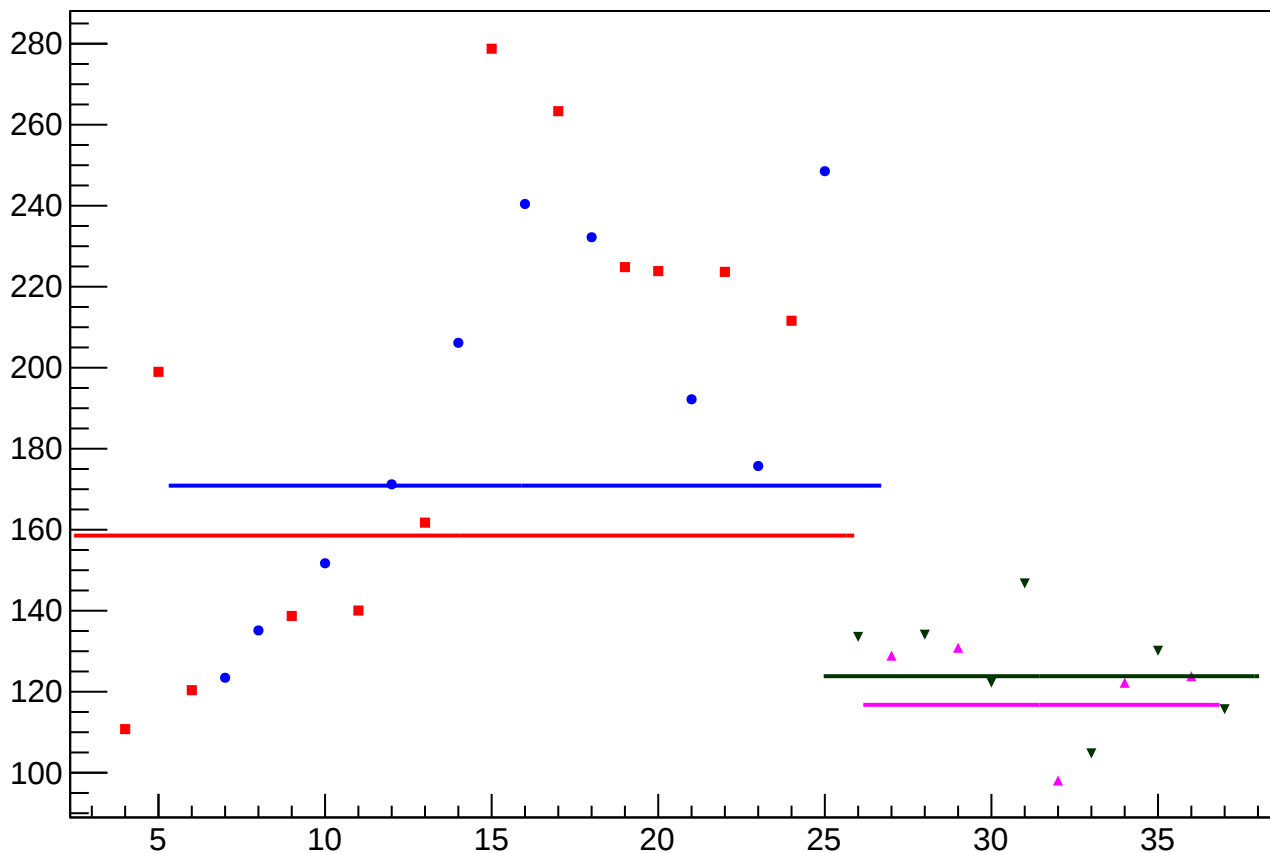
Right Out: 66.444 ± 65.999 χ^2/NDF : 2.1/11

Left In: 8.943 ± 62.703 χ^2/NDF : 0.2/4

49.277 ± 47.444 χ^2/NDF : 8.7/16

36.222 ± 45.458 χ^2/NDF : 2.7/16

asym_cav4cQ_rms vs slug



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

Left Out: 123.830+/-0.046 χ^2/NDF : 73167.2/6

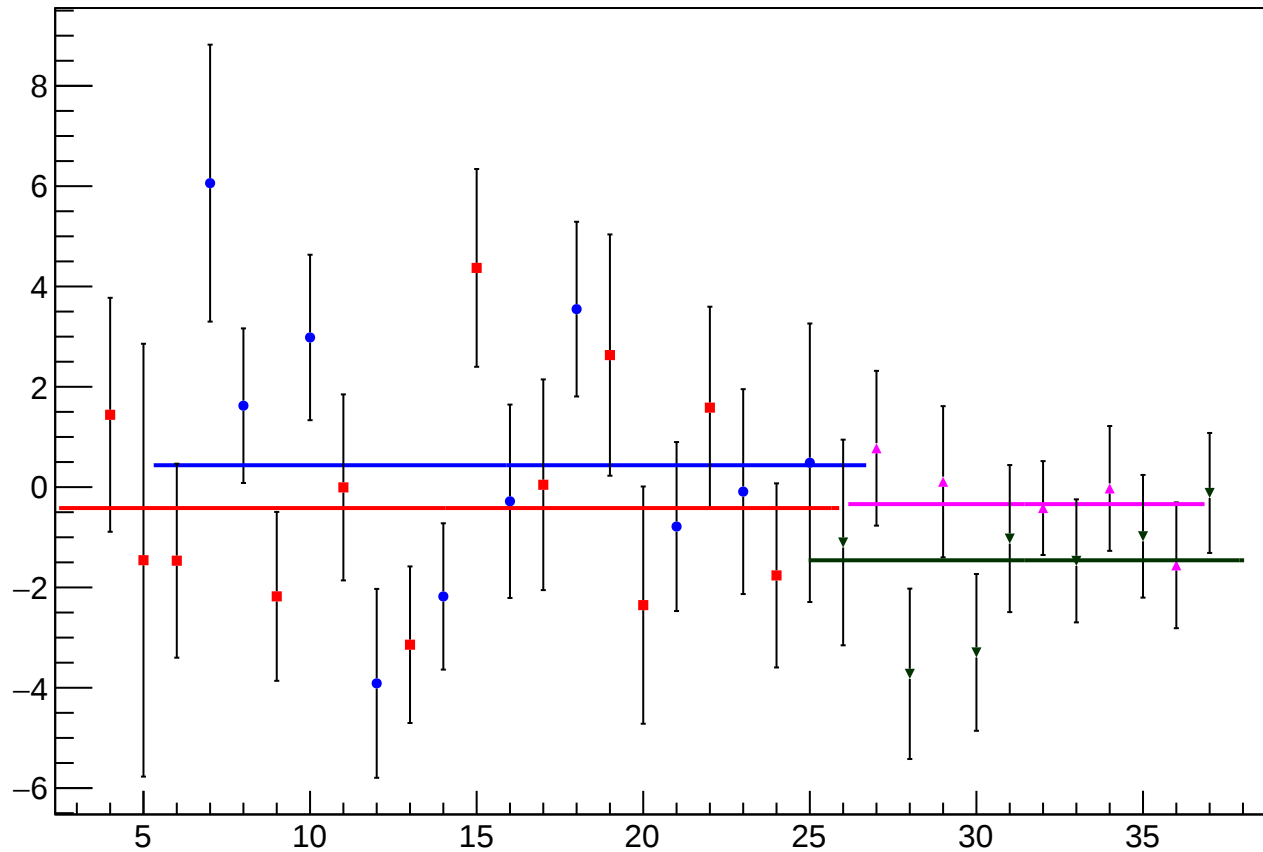
Right Out: 158.557+/-0.047 χ^2/NDF : 951673.3/11

Left In: 116.759+/-0.044 χ^2/NDF : 102558.9/4

145.838+/-0.034 χ^2/NDF : 1116700.5/16

136.588+/-0.032 χ^2/NDF : 1475843.5/16

asym_cav4dQ_mean vs slug



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

Left Out: -1.458 ± 0.535 χ^2/NDF : 4.7/6

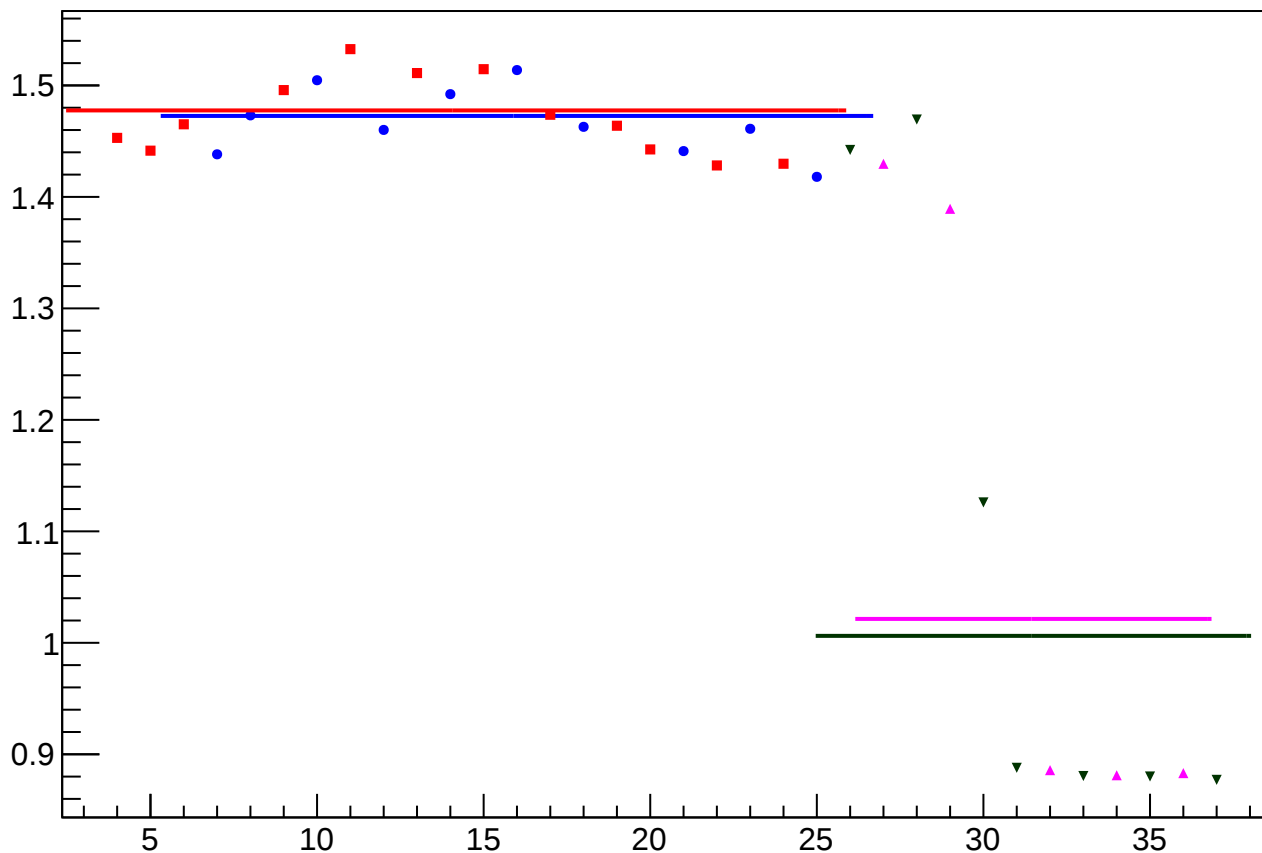
Right Out: -0.417 ± 0.583 χ^2/NDF : 14.9/11

Left In: -0.339 ± 0.552 χ^2/NDF : 1.6/4

-0.584 ± 0.393 χ^2/NDF : 30.1/16

-0.376 ± 0.401 χ^2/NDF : 16.6/16

asym_cav4dQ_rms vs slug



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

Left Out: 1.006+/-0.000 χ^2/NDF : 329593.7/6

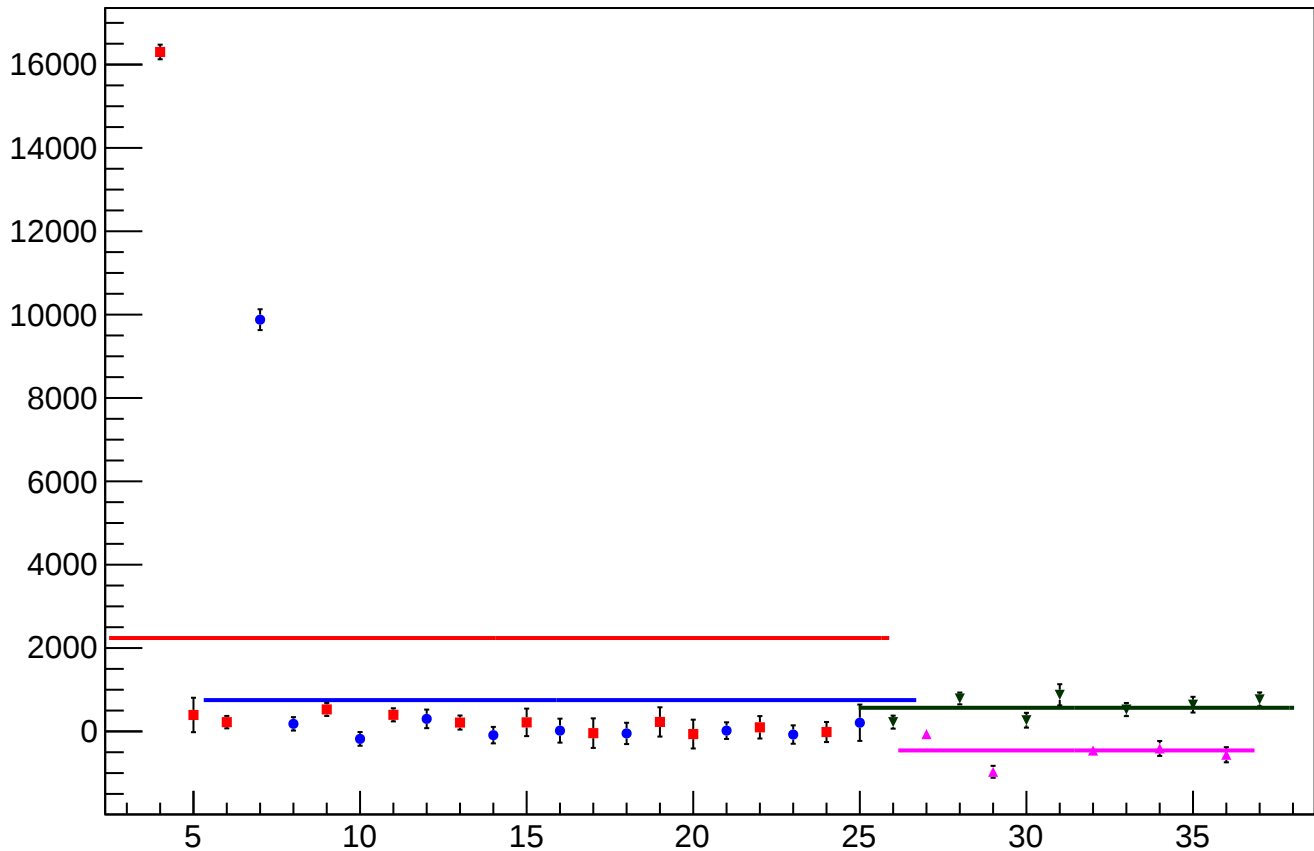
Right Out: 1.478+/-0.000 χ^2/NDF : 7139.1/11

Left In: 1.021+/-0.000 χ^2/NDF : 350954.0/4

1.221+/-0.000 χ^2/NDF : 1034783.9/16

1.237+/-0.000 χ^2/NDF : 1003528.5/16

asym_bcm0l02_mean vs slug



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

Left Out: 566.497+/-64.381 χ^2/NDF :13.3/6

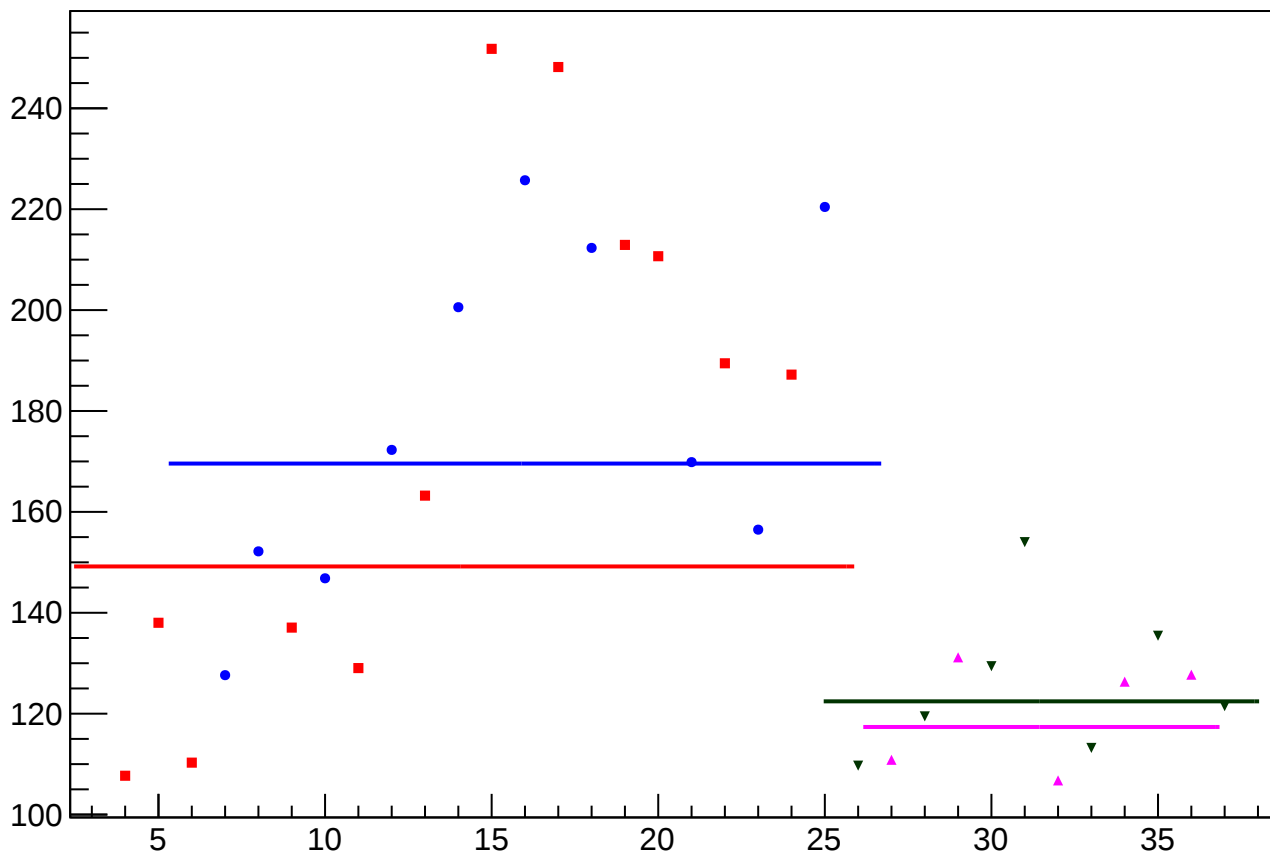
653.440+/-46.793 χ^2/NDF : 1462.7/16

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

Left In: -456.696+/-62.640 χ^2/NDF :23.5/4

914.651+/-43.920 χ^2/NDF : 8296.7/16

asym_bcm0l02_rms vs slug



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

Left Out: 122.444+/-0.046 χ^2/NDF : 64364.4/6

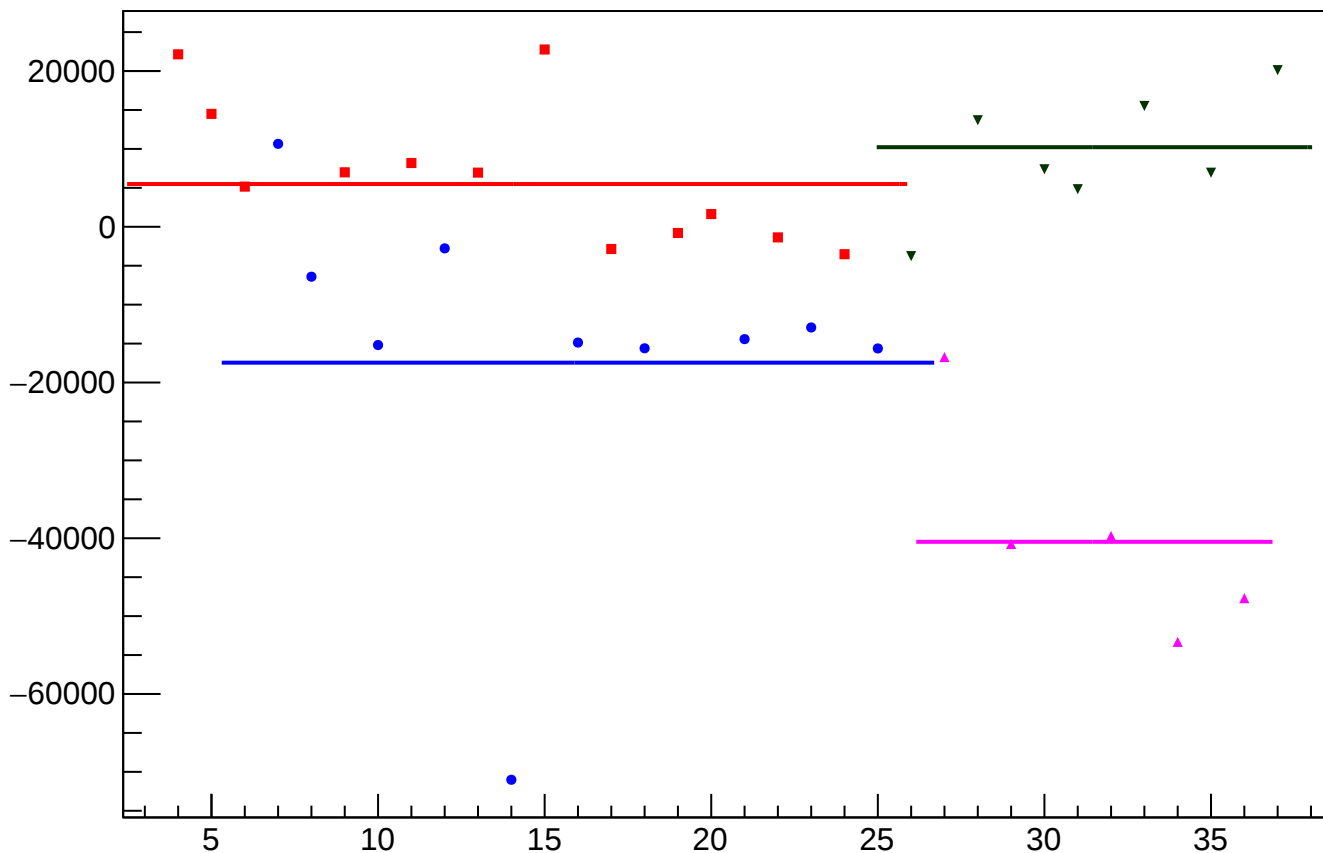
Right Out: 149.184+/-0.044 χ^2/NDF : 879836.6/11

Left In: 117.364+/-0.044 χ^2/NDF : 52995.5/4

144.679+/-0.033 χ^2/NDF : 903626.3/16

133.540+/-0.031 χ^2/NDF : 1195204.0/16

asym_bpm2i01WS_mean vs slug



Right In: -17450.855+/-46.763 χ^2/NDF : 203331.0/9

Left Out: 10221.256+/-54.051 χ^2/NDF :18717.5/6

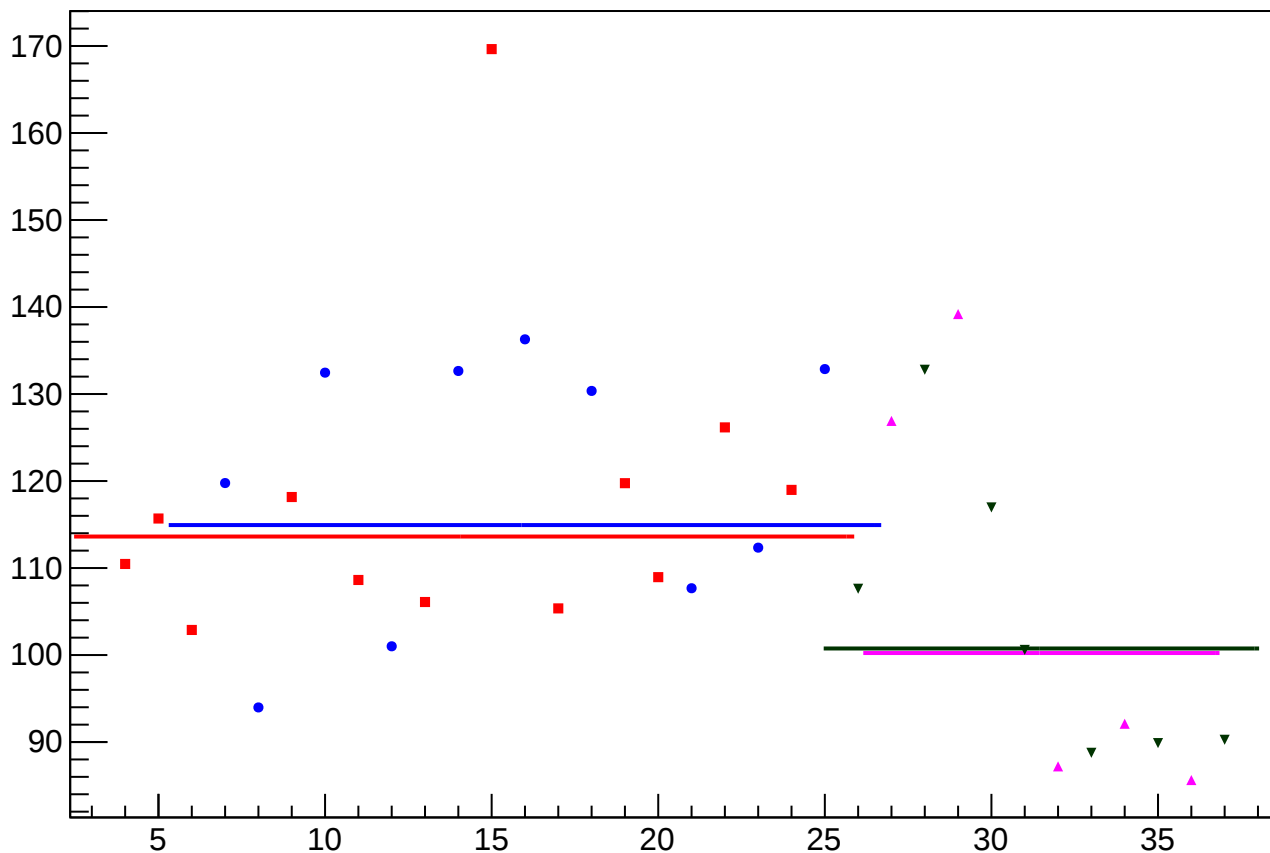
Right Out: 5490.592+/-46.372 χ^2/NDF : 24655.8/11

Left In: -40458.218+/-55.336 χ^2/NDF :40330.7/4

-5604.702+/-35.364 χ^2/NDF : 371952.2/16

-13465.472+/-35.542 χ^2/NDF : 470033.2/16

asym_bpm2i01WS_rms vs slug



Right In: 114.939+/-0.033 χ^2/NDF : 233540.9/9

Left Out: 100.755+/-0.038 χ^2/NDF :148270.6/6

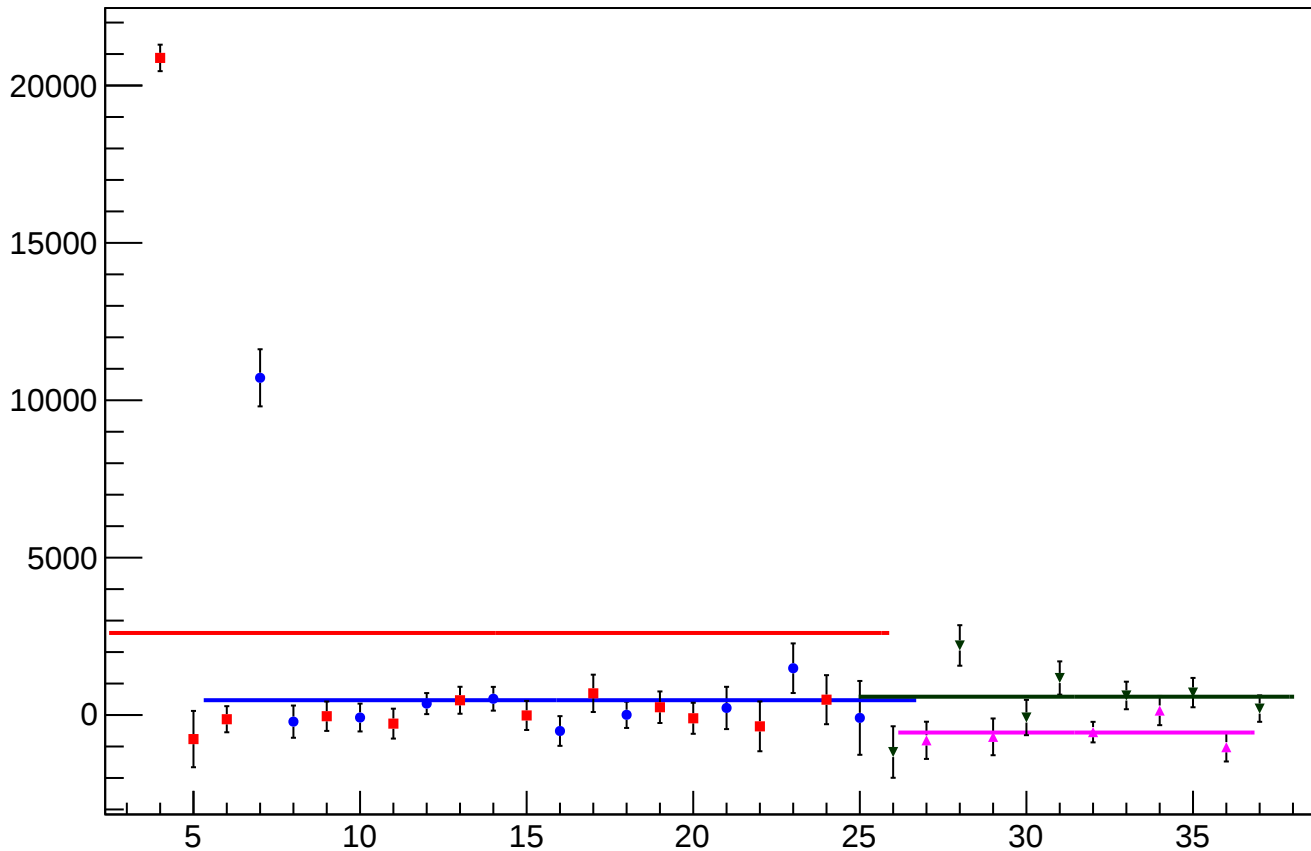
Right Out: 113.621+/-0.033 χ^2/NDF : 162658.1/11

Left In: 100.232+/-0.039 χ^2/NDF :268683.7/4

108.867+/-0.025 χ^2/NDF : 460584.3/16

108.097+/-0.025 χ^2/NDF : 500124.0/16

asym_bpm0i07WS_mean vs slug



Right In: 470.960 ± 156.387 χ^2/NDF : 138.4/9

Left Out: 582.009 ± 195.538 χ^2/NDF : 14.6/6

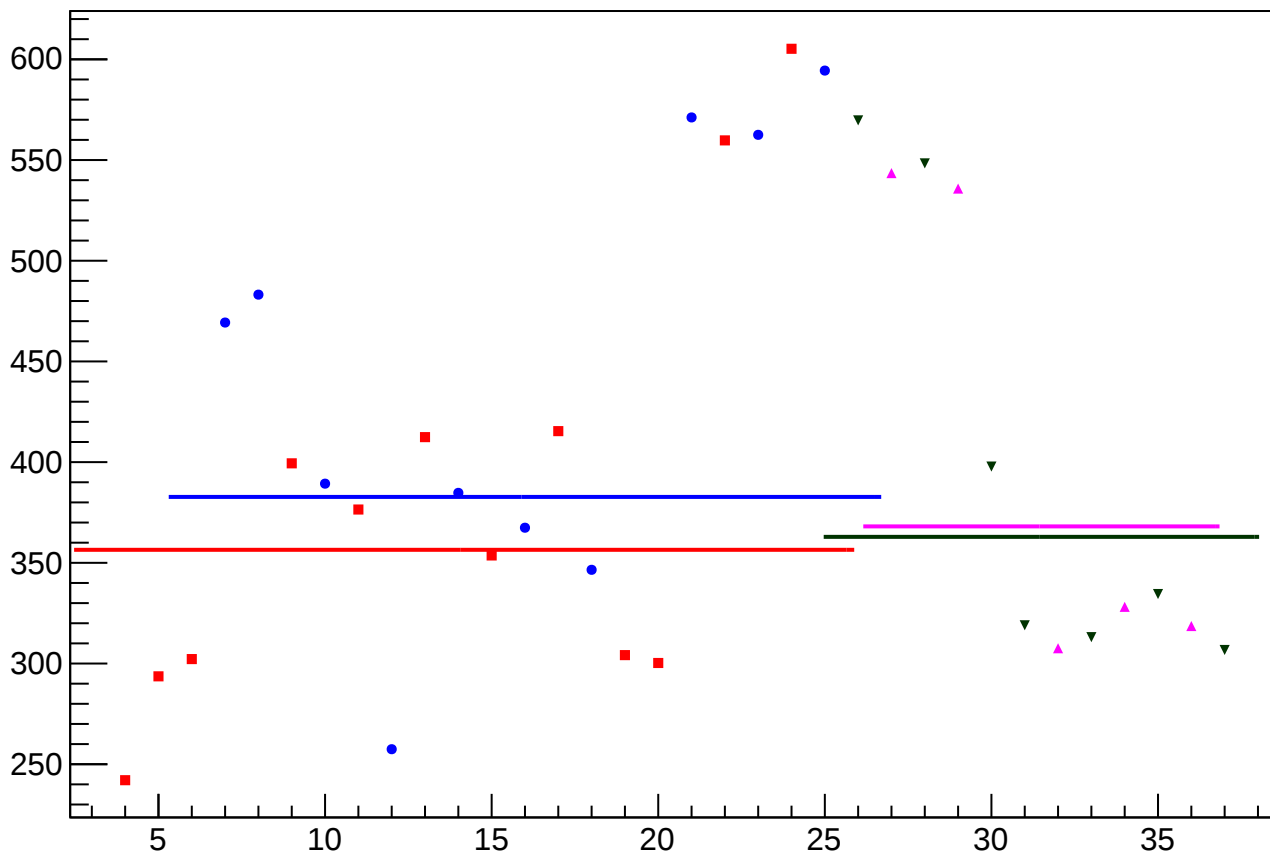
514.281 ± 122.131 χ^2/NDF : 153.2/16

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

1502.872 ± 118.882 χ^2/NDF : 2318.7/16

Left In: -556.537 ± 201.232 χ^2/NDF : 3.6/4

asym_bpm0i07WS_rms vs slug



Right In: 382.730+/-0.111 χ^2/NDF : 720132.6/9

Left Out: 362.898+/-0.138 χ^2/NDF : 384145.0/6

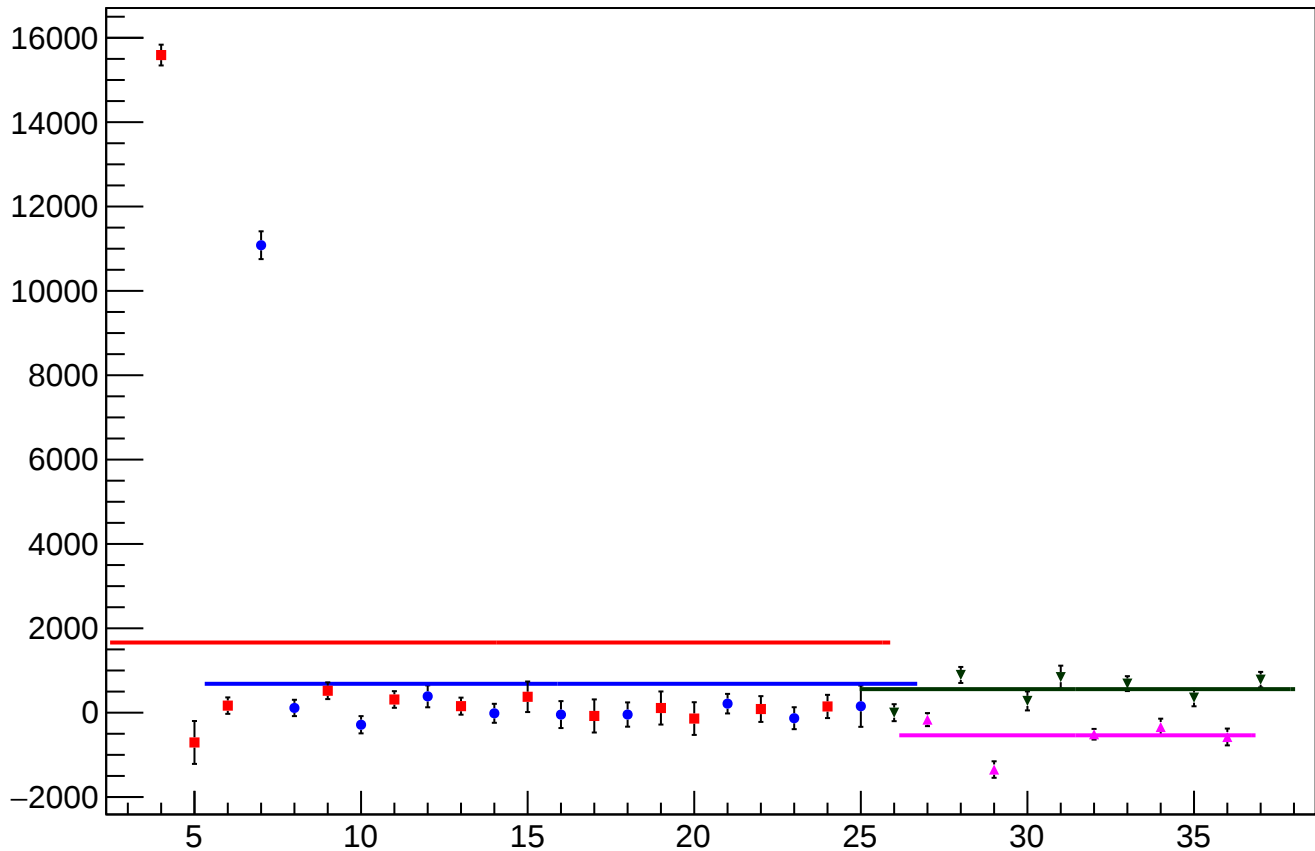
Right Out: 356.465+/-0.104 χ^2/NDF : 650032.0/11

Left In: 368.088+/-0.142 χ^2/NDF : 448640.9/4

374.993+/-0.086 χ^2/NDF : 1116823.8/16

360.522+/-0.084 χ^2/NDF : 1103017.1/16

asym_bpm0l01WS_mean vs slug



Right In: 684.597 ± 80.654 $\chi^2/\text{NDF}: 1063.9/9$

Left Out: 558.042 ± 76.515 $\chi^2/\text{NDF}: 16.5/6$

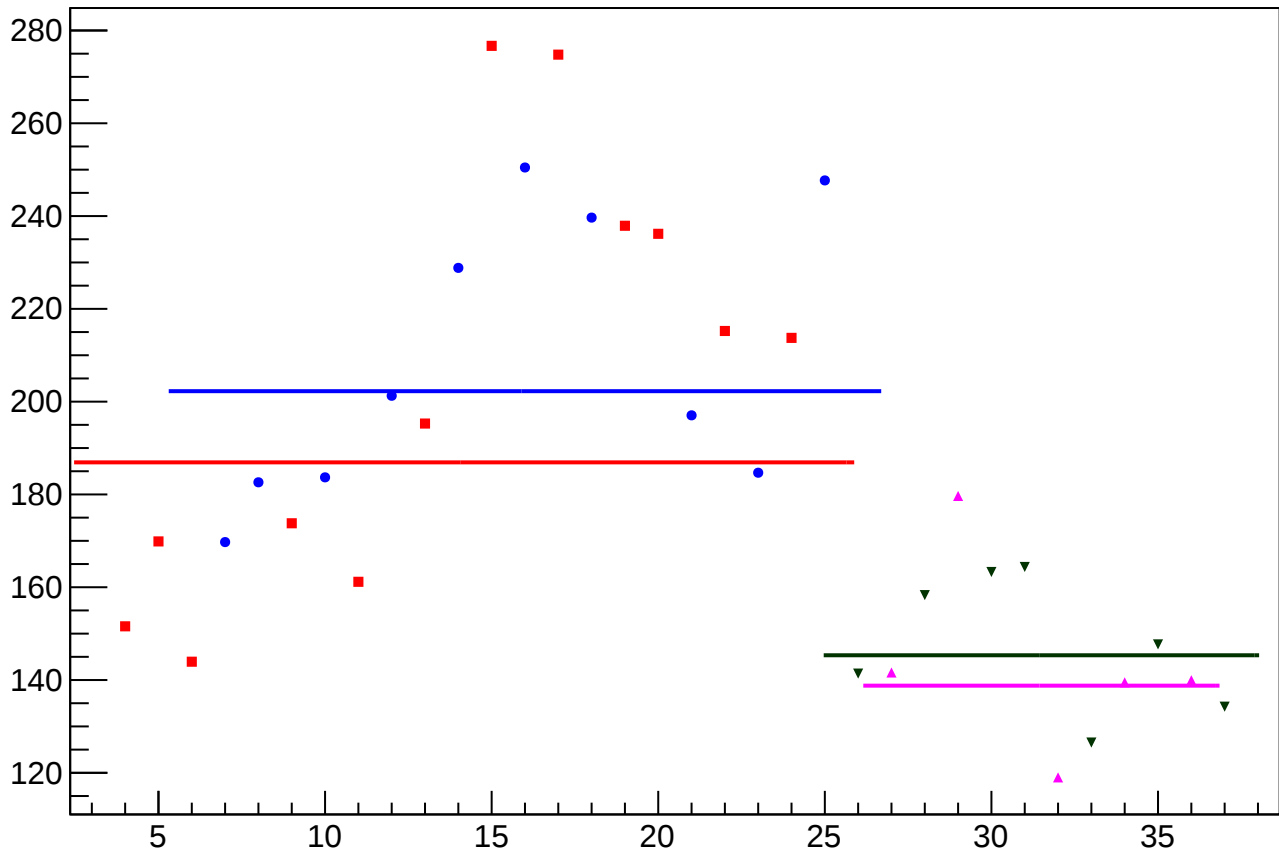
Right Out: 1663.245 ± 75.915 $\chi^2/\text{NDF}: 3538.6/11$

Left In: -536.723 ± 74.329 $\chi^2/\text{NDF}: 24.0/4$

617.989 ± 55.510 $\chi^2/\text{NDF}: 1081.7/16$

540.034 ± 53.110 $\chi^2/\text{NDF}: 3991.4/16$

asym_bpm0l01WS_rms vs slug



Right In: 202.258+/-0.057 χ^2/NDF : 191196.0/9

Left Out: 145.337+/-0.054 χ^2/NDF : 62765.8/6

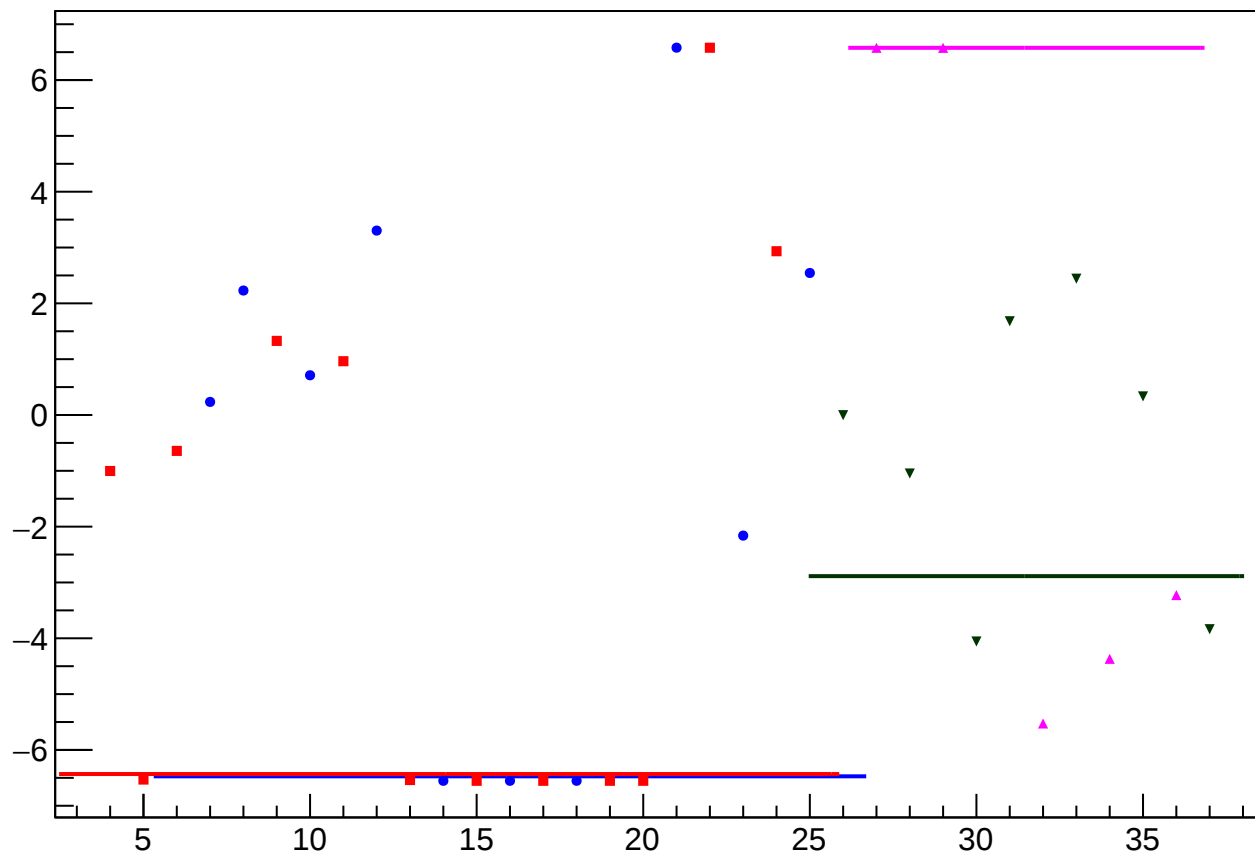
172.299+/-0.039 χ^2/NDF : 778237.0/16

Right Out: 186.914+/-0.054 χ^2/NDF : 512292.6/11

162.343+/-0.038 χ^2/NDF : 1059426.5/16

Left In: 138.788+/-0.053 χ^2/NDF : 136764.1/4

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847927584822.3/9

Left Out: -2.887+/-0.001 χ^2/NDF : 3767764.5/6

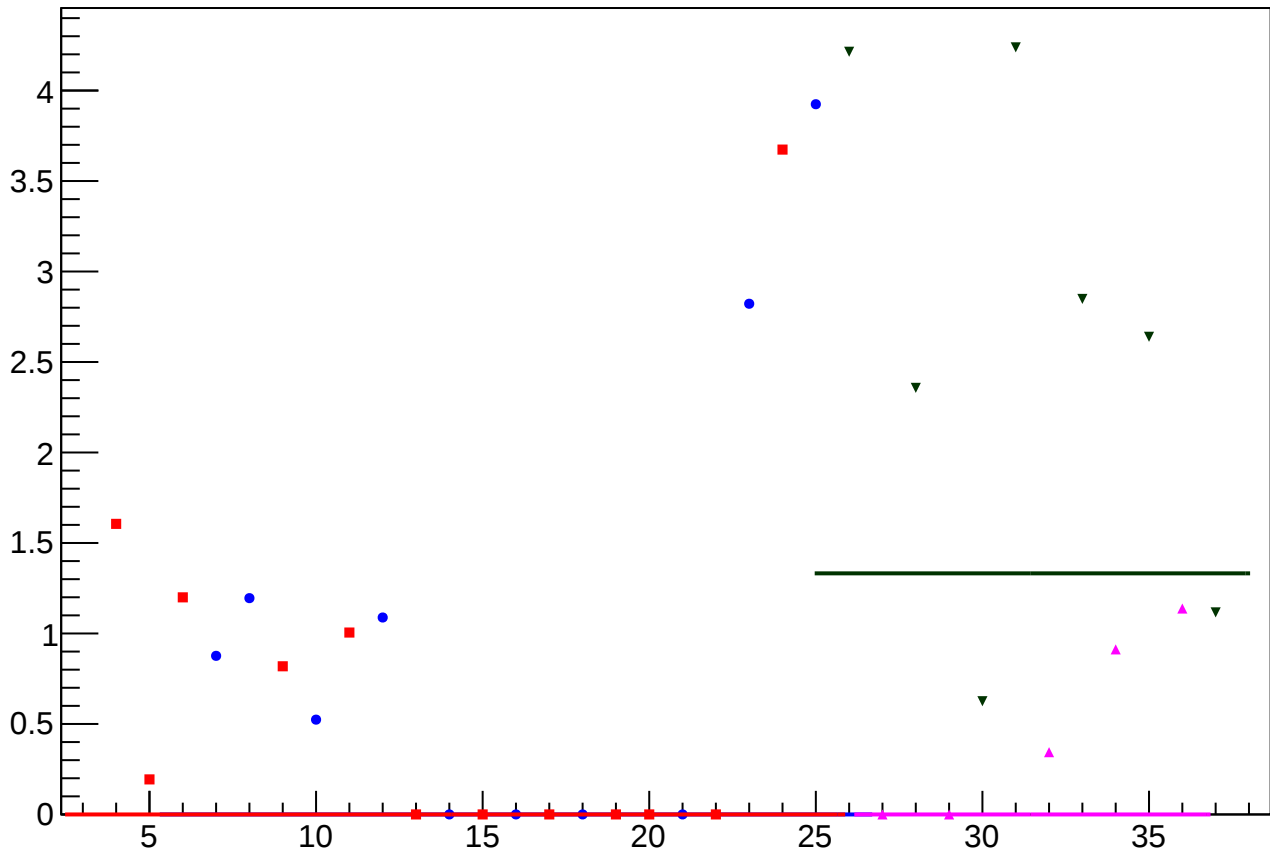
Right Out: -6.432+/-0.000 χ^2/NDF : 150837601506010.5/11

Left In: 6.578+/-0.000 χ^2/NDF : 436301660.7/4

-6.473+/-0.000 χ^2/NDF : 127847944006869.1/1

-6.315+/-0.000 χ^2/NDF : 297092090822981.2/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4264427.3/9

Left Out: 1.332+/-0.001 χ^2/NDF :1892064.2/6

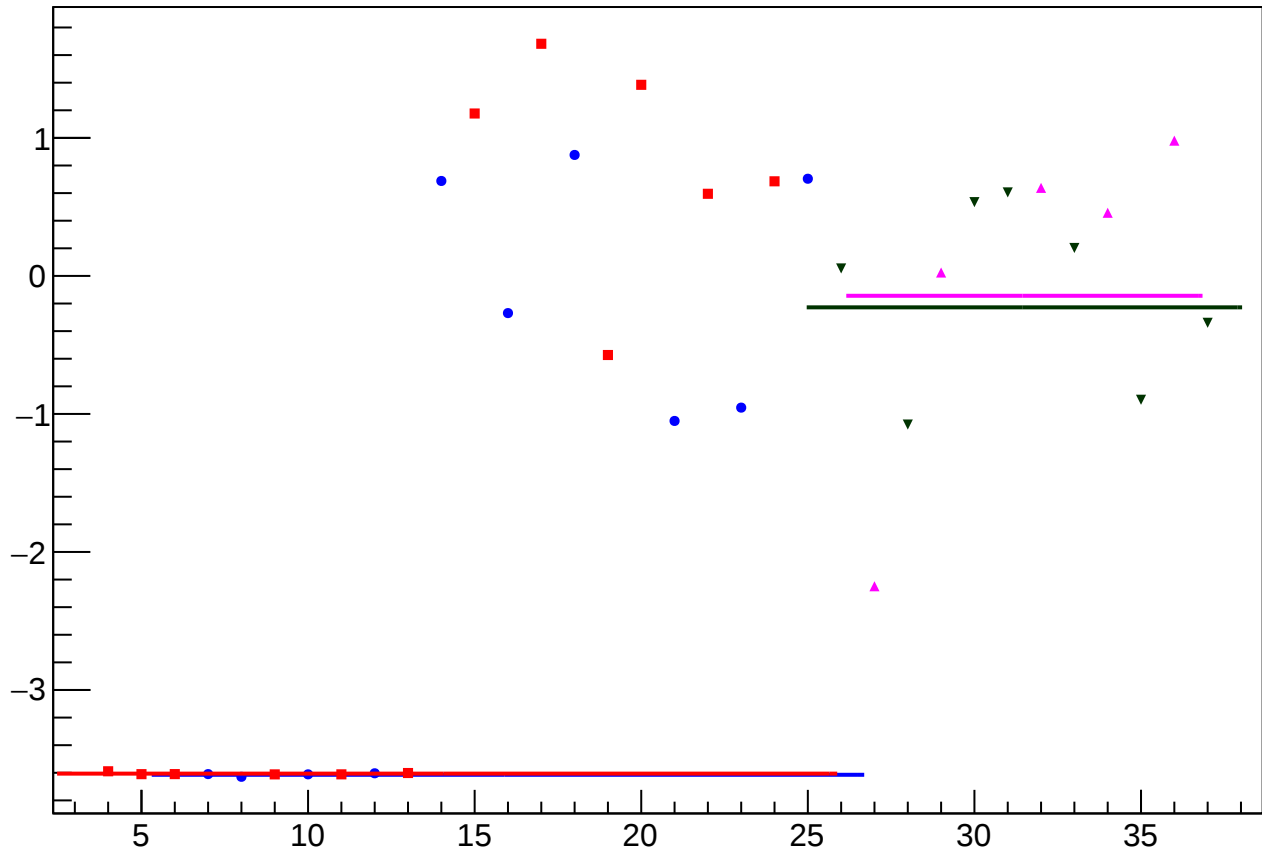
0.000+/-0.000 χ^2/NDF : 9648690.5/16

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

0.000+/-0.000 χ^2/NDF : 5771426.5/16

Left In: 0.000+/-0.000 χ^2/NDF :1698380.7/4

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49061627309.8/9

Left Out: -0.228+/-0.000 χ^2/NDF : 1672588.6/6

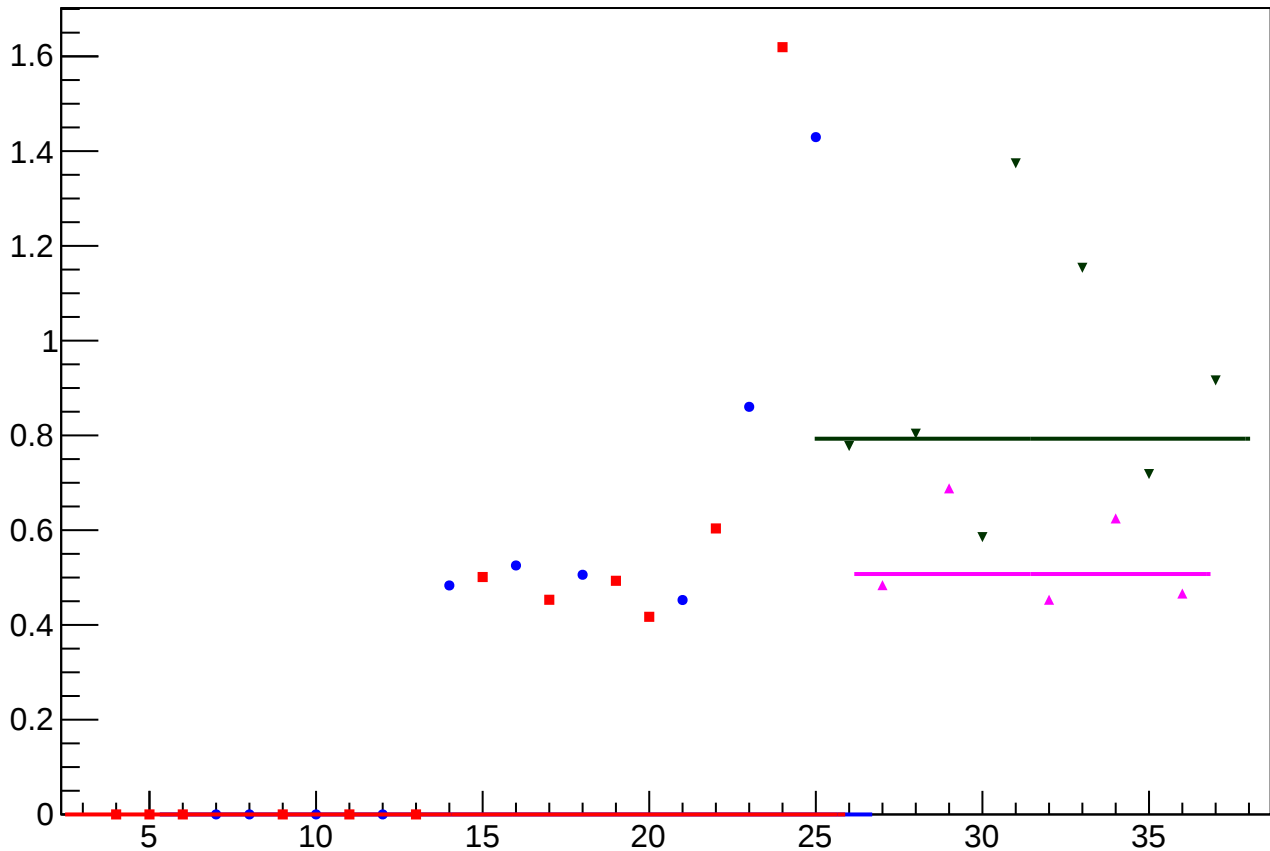
Right Out: -3.606+/-0.000 χ^2/NDF : 37750030407.7/11

Left In: -0.144+/-0.000 χ^2/NDF : 14715525.4/4

-3.614+/-0.000 χ^2/NDF : 49110486855.1/16

-3.606+/-0.000 χ^2/NDF : 37872644071.7/16

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5803105.9/9

Left Out: 0.793+/-0.000 χ^2/NDF :292809.1/6

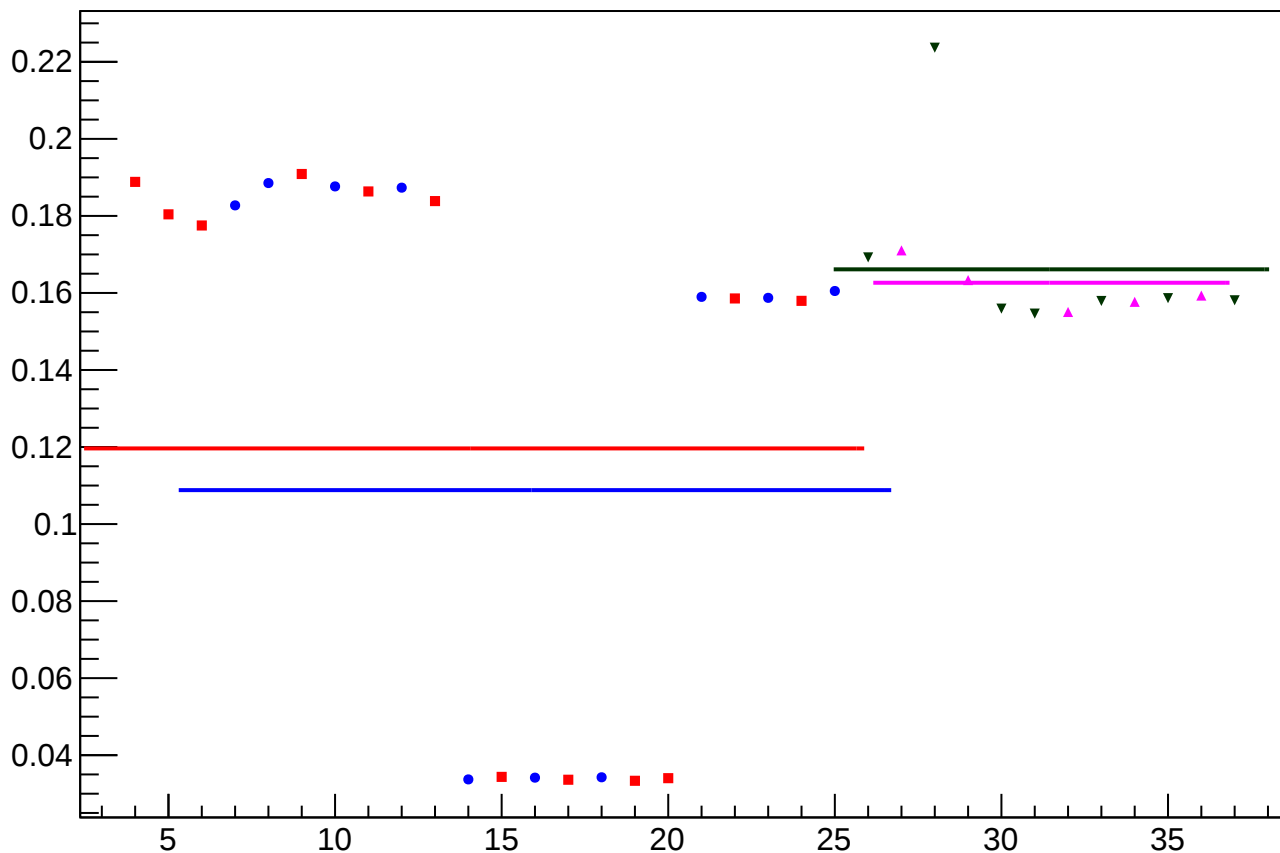
0.000+/-0.000 χ^2/NDF : 11269524.1/16

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

0.000+/-0.000 χ^2/NDF : 8960205.5/16

Left In: 0.507+/-0.000 χ^2/NDF :119593.5/4

yield_cav4cX_mean vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 4567388624.2/9

Left Out: 0.166+/-0.000 χ^2/NDF : 95134435.2/6

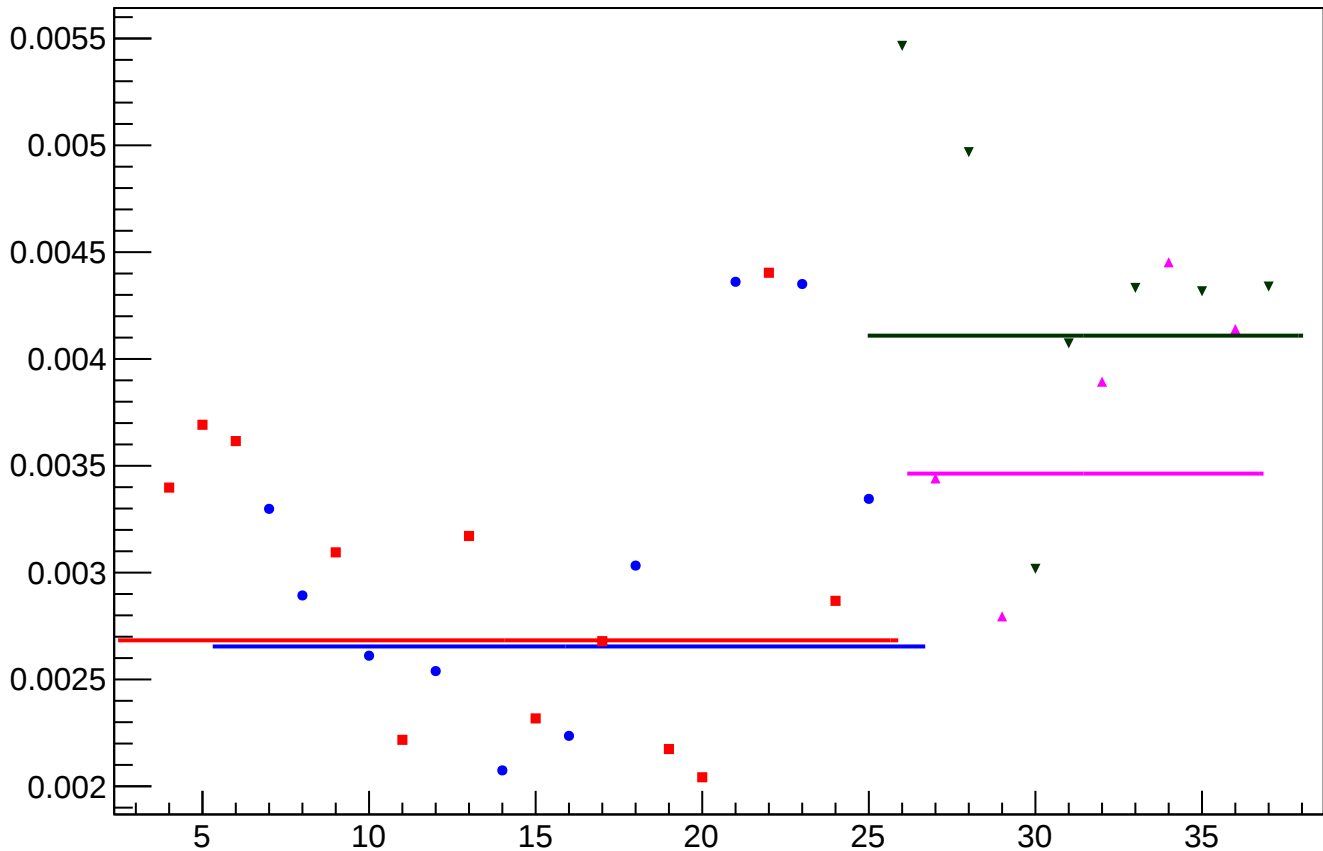
Right Out: 0.120+/-0.000 χ^2/NDF : 4203649870.8/11

Left In: 0.163+/-0.000 χ^2/NDF : 8768362.4/4

0.120+/-0.000 χ^2/NDF : 5190310582.8/16

0.131+/-0.000 χ^2/NDF : 4586451280.4/16

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 :233746.3/6

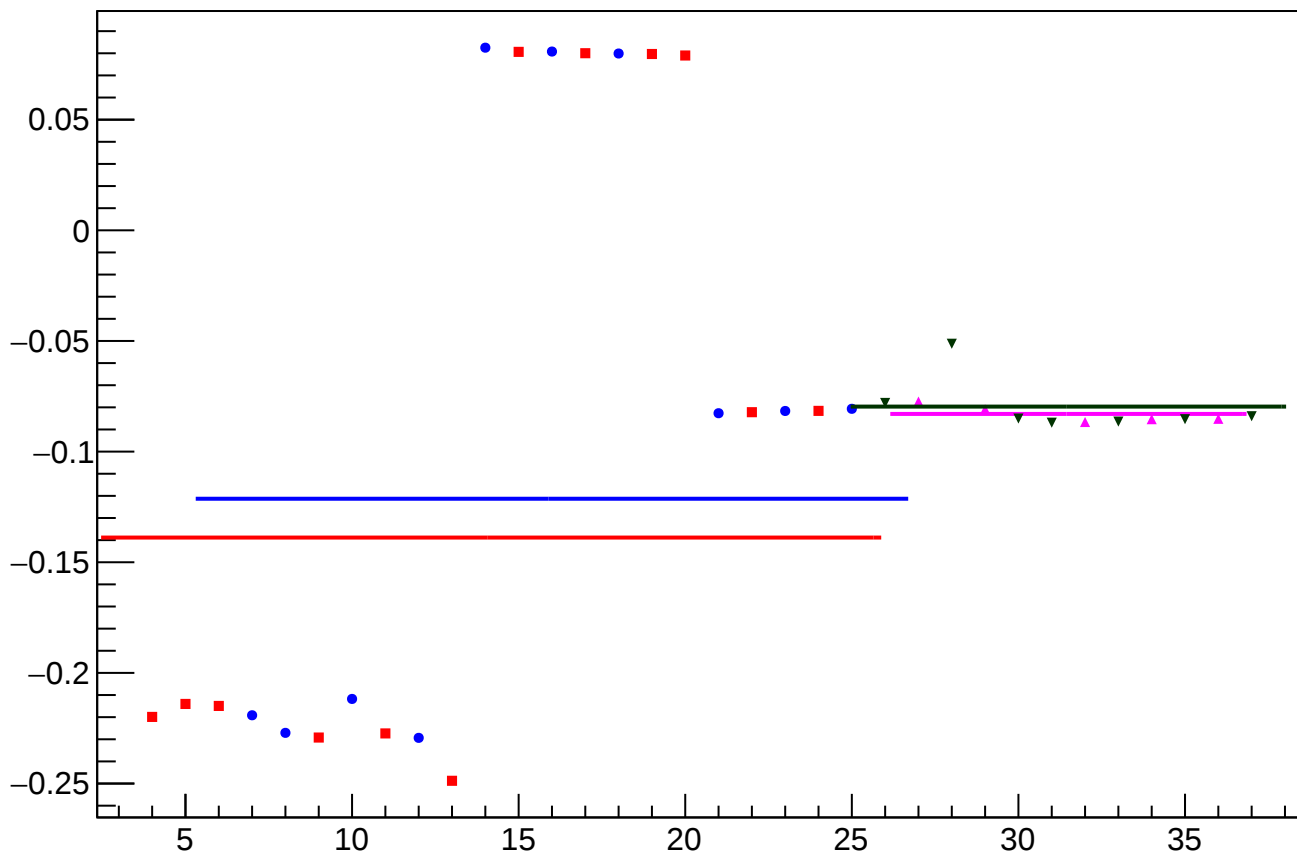
Right Out: 0.003+/-0.000 χ^2/NDF : 526292.2/11

Left In: 0.003+/-0.000 χ^2/NDF :181300.5/4

0.003+/-0.000 χ^2/NDF : 1553303.0/16

0.003+/-0.000 χ^2/NDF : 953846.0/16

yield_cav4cY_mean vs slug



Right In: -0.121+/-0.000 χ^2/NDF : 9521473366.6/9

Left Out: -0.080+/-0.000 χ^2/NDF : 33375345.2/6

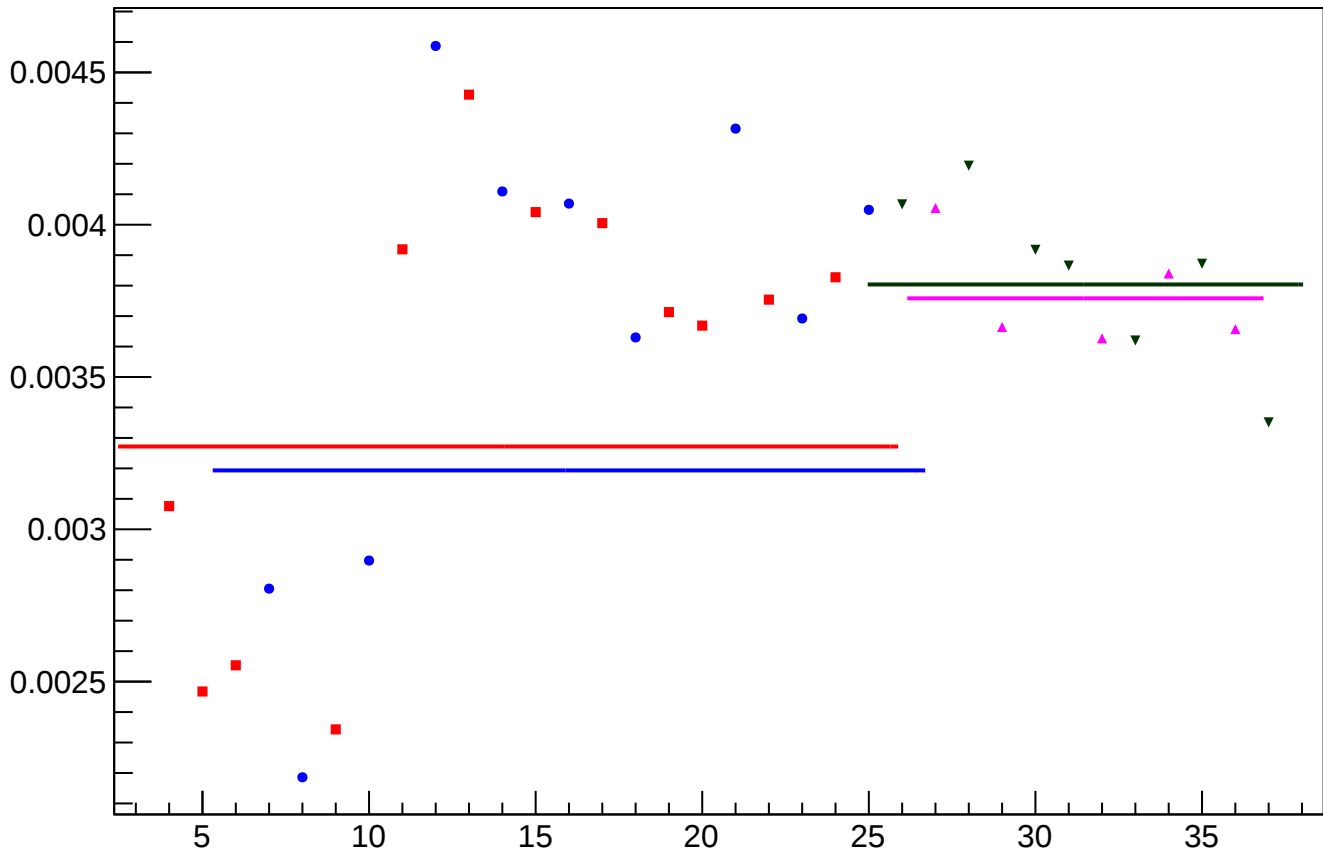
Right Out: -0.139+/-0.000 χ^2/NDF : 8617094052.4/11

Left In: -0.083+/-0.000 χ^2/NDF : 3080181.9/4

-0.109+/-0.000 χ^2/NDF : 9845937824.5/16

-0.121+/-0.000 χ^2/NDF : 9143028818.0/16

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 : 37585.2/6

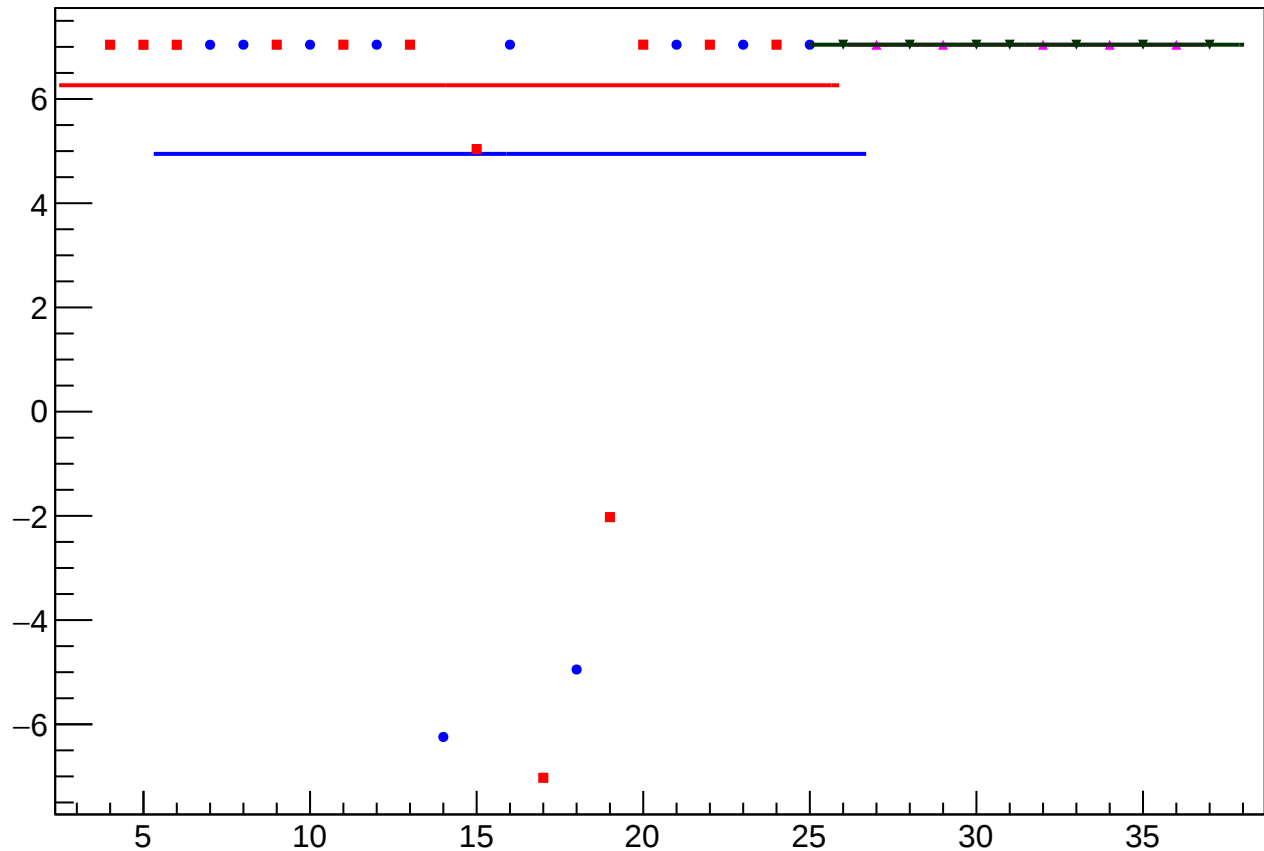
0.003+/-0.000 χ^2/NDF : 978819.6/16

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

0.003+/-0.000 χ^2/NDF : 707983.5/16

Left In: 0.004+/-0.000 χ^2/NDF : 13381.7/4

yield_cav4dX_mean vs slug



Right In: 4.947 $\pm$ 0.000 χ^2 /NDF: 4224474165211712.0/9

Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 722417.2/6

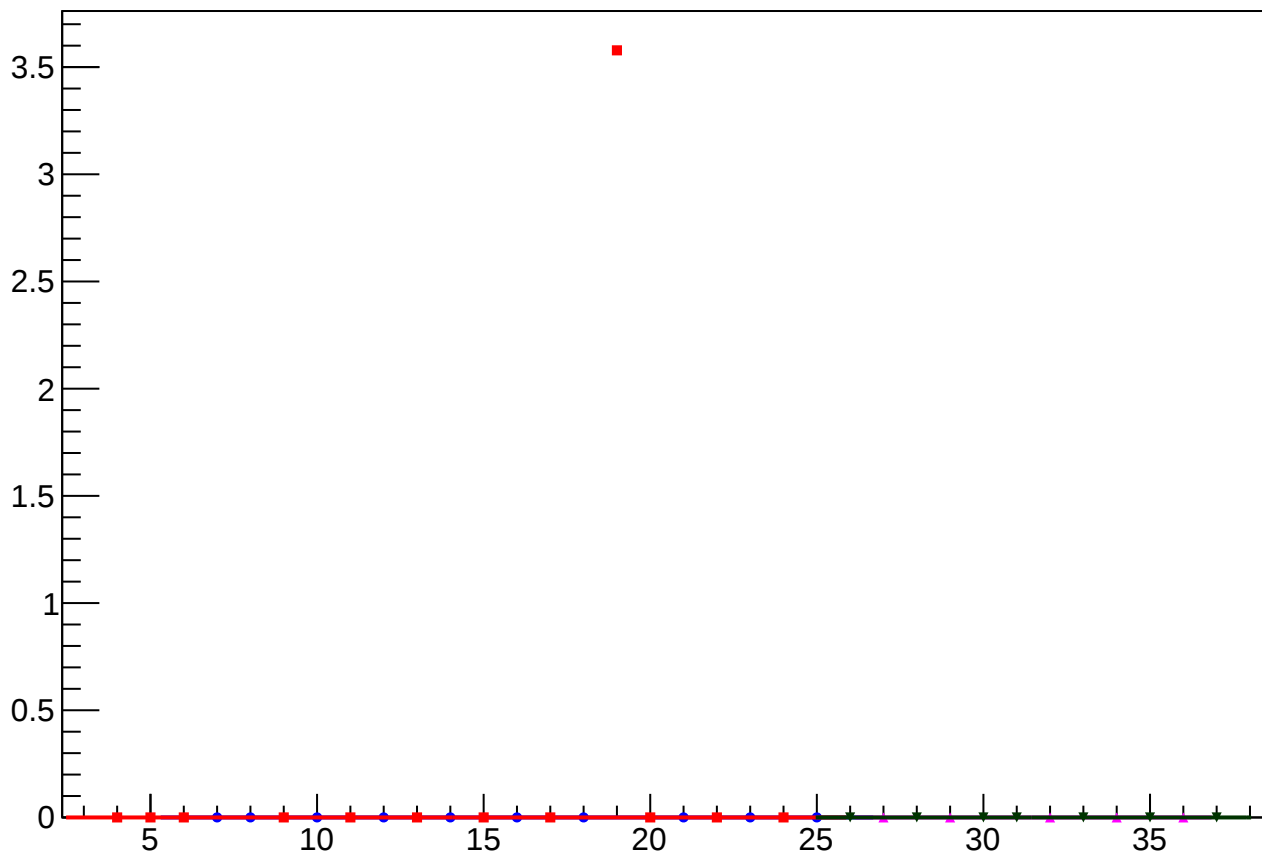
Right Out: 6.264 $\pm$ 0.000 χ^2 /NDF: 1812076141929126.0/11

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 177931.5/4

5.839 $\pm$ 0.000 χ^2 /NDF: 4568615813844621.0/1

6.599 $\pm$ 0.000 χ^2 /NDF: 1859275771949951.0/1

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 : 975.7/6

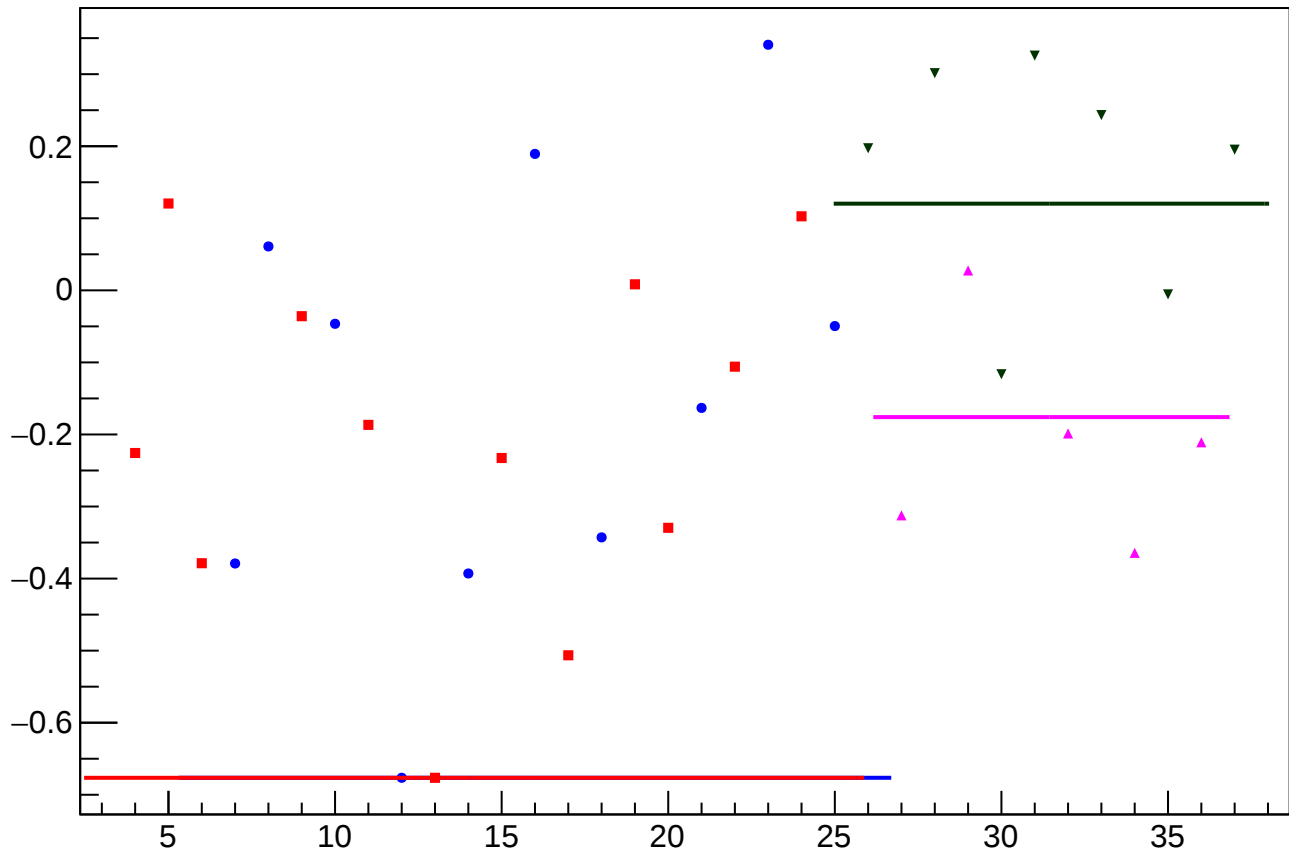
Right Out: 0.000+/-0.000 χ^2/NDF : 696528.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 1154.8/4

0.000+/-0.000 χ^2/NDF : 3878.4/16

0.000+/-0.000 χ^2/NDF : 700030.6/16

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 214817629.7/9

Left Out: 0.120+/-0.000 χ^2/NDF : 6095822.6/6

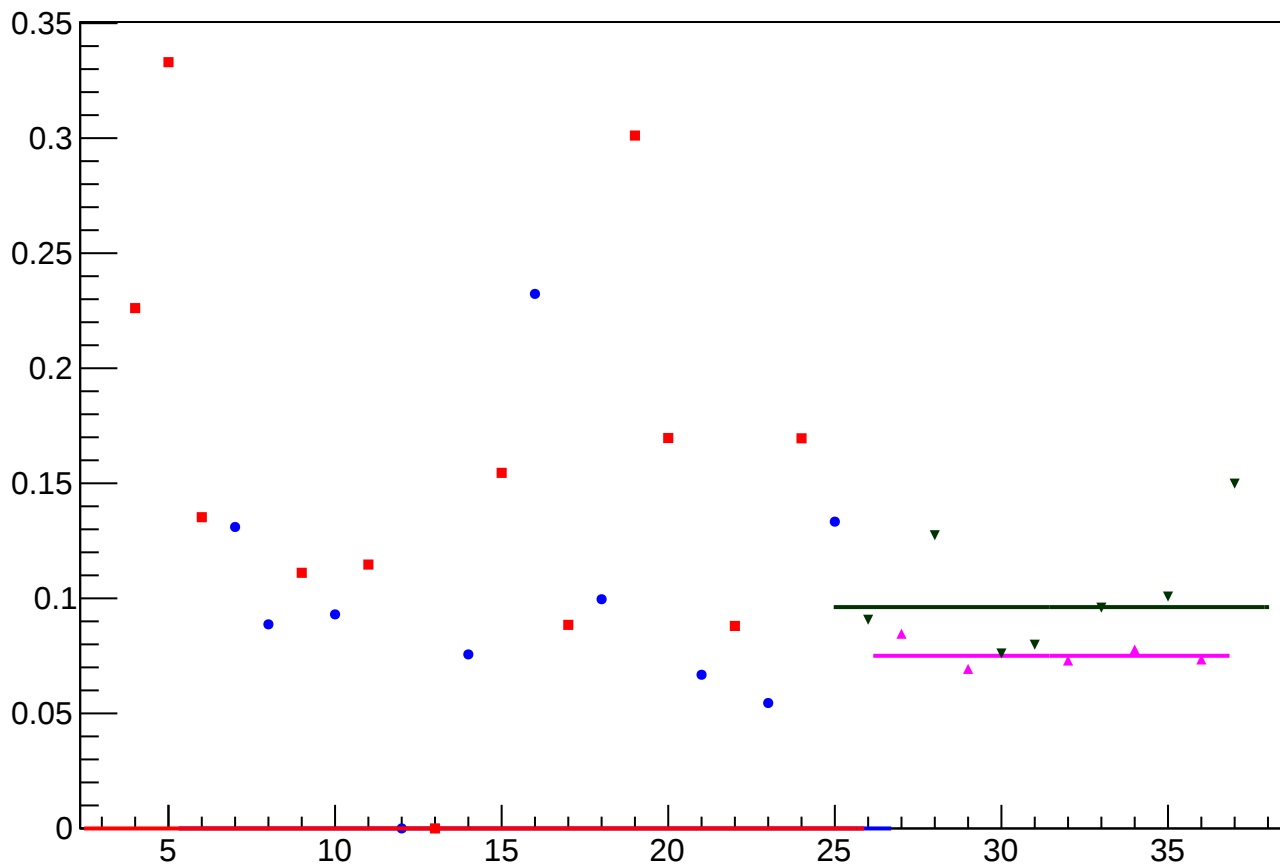
-0.676+/-0.000 χ^2/NDF : 351306846.9/16

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

-0.676+/-0.000 χ^2/NDF : 159957459.0/16

Left In: -0.176+/-0.000 χ^2/NDF : 6869397.6/4

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8329805.9/9

Left Out: 0.096+/-0.000 χ^2/NDF :186364.5/6

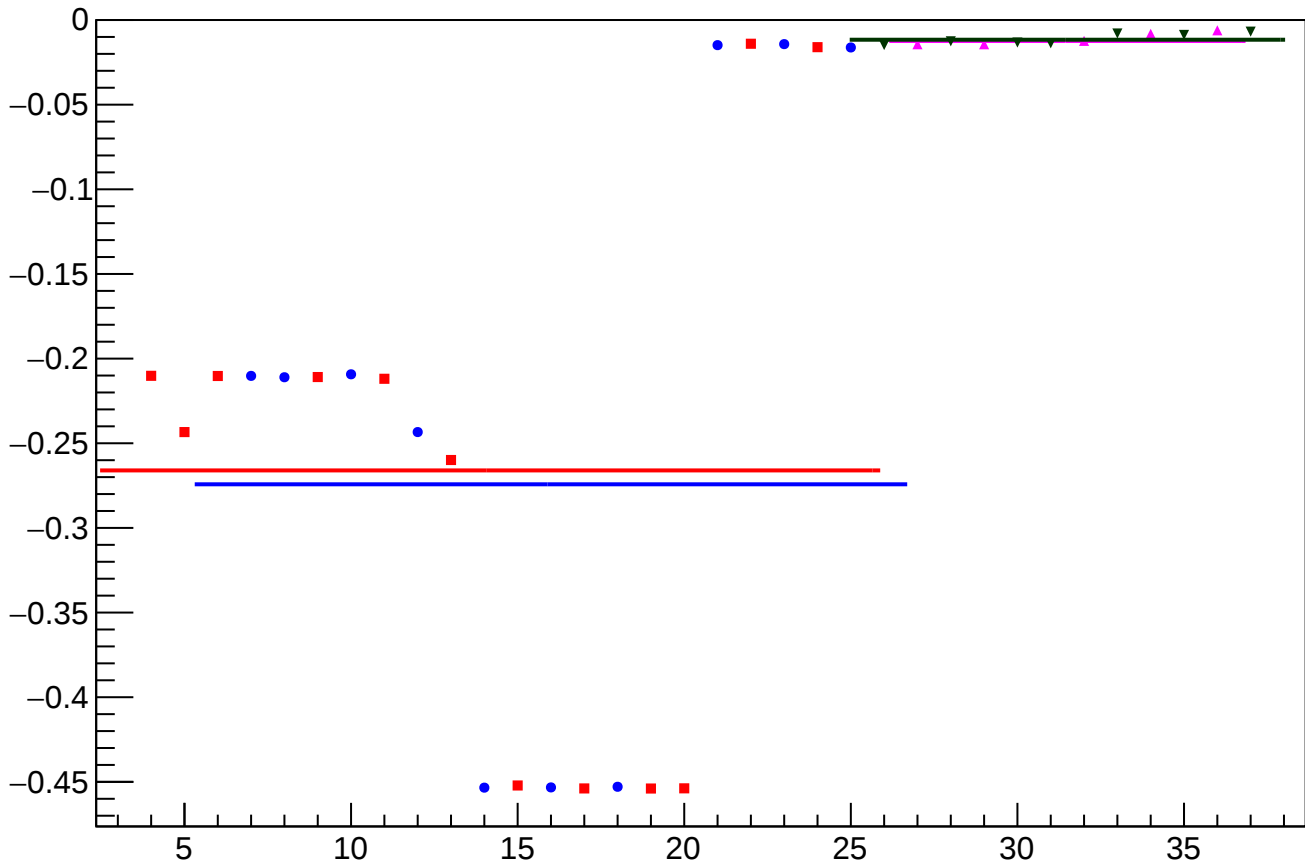
Right Out: 0.000+/-0.000 χ^2/NDF : 8085708.6/11

Left In: 0.075+/-0.000 χ^2/NDF :22181.7/4

0.000+/-0.000 χ^2/NDF : 12316897.9/16

0.000+/-0.000 χ^2/NDF : 12023005.3/16

yield_bpm4aX_mean vs slug



Right In: -0.274+/-0.000 χ^2/NDF : 3355082930.6/9

Left Out: -0.012+/-0.000 χ^2/NDF : 348015.8/6

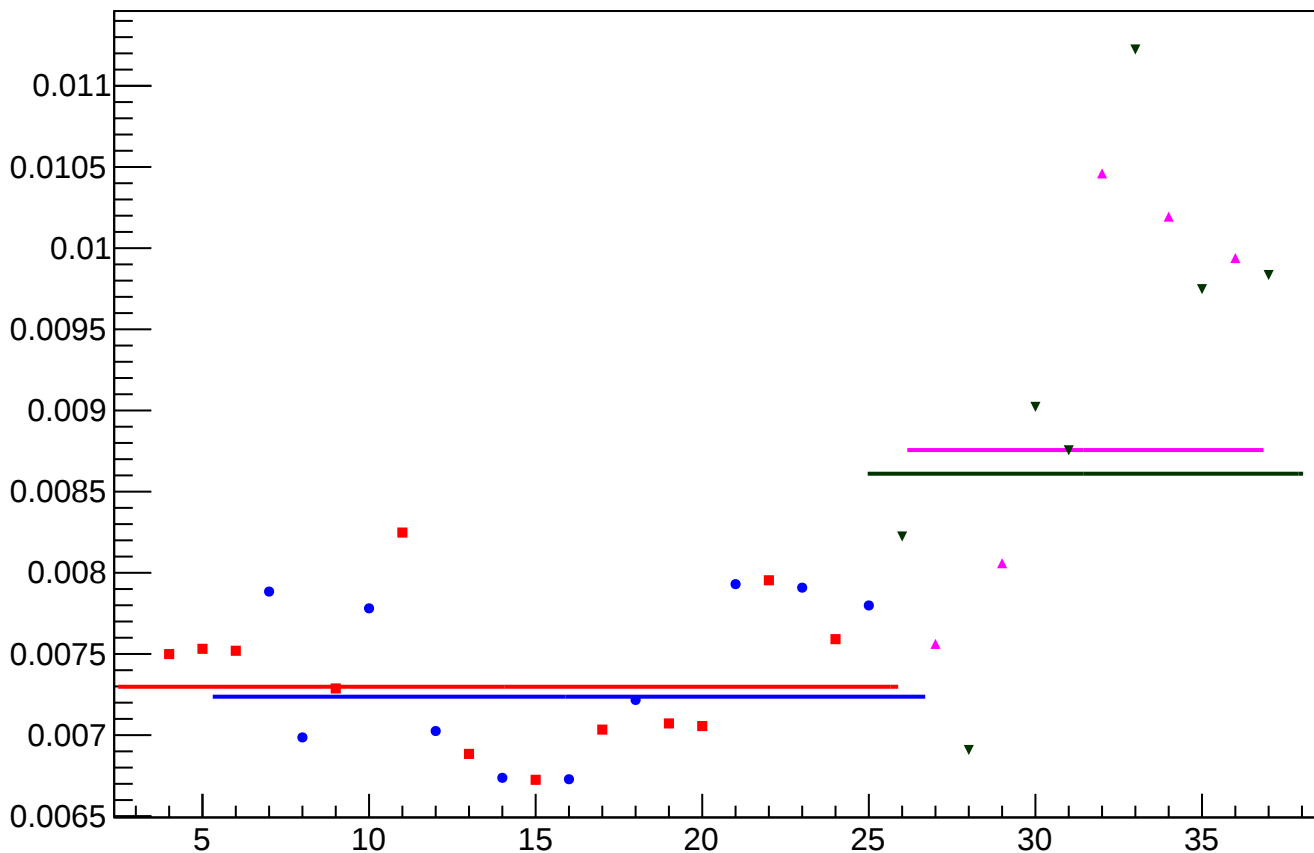
-0.201+/-0.000 χ^2/NDF : 5707511268.8/16

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

-0.197+/-0.000 χ^2/NDF : 4710122966.1/16

Left In: -0.012+/-0.000 χ^2/NDF : 382980.2/4

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 54029.4/9

Left Out: 0.009+/-0.000 χ^2/NDF :171138.7/6

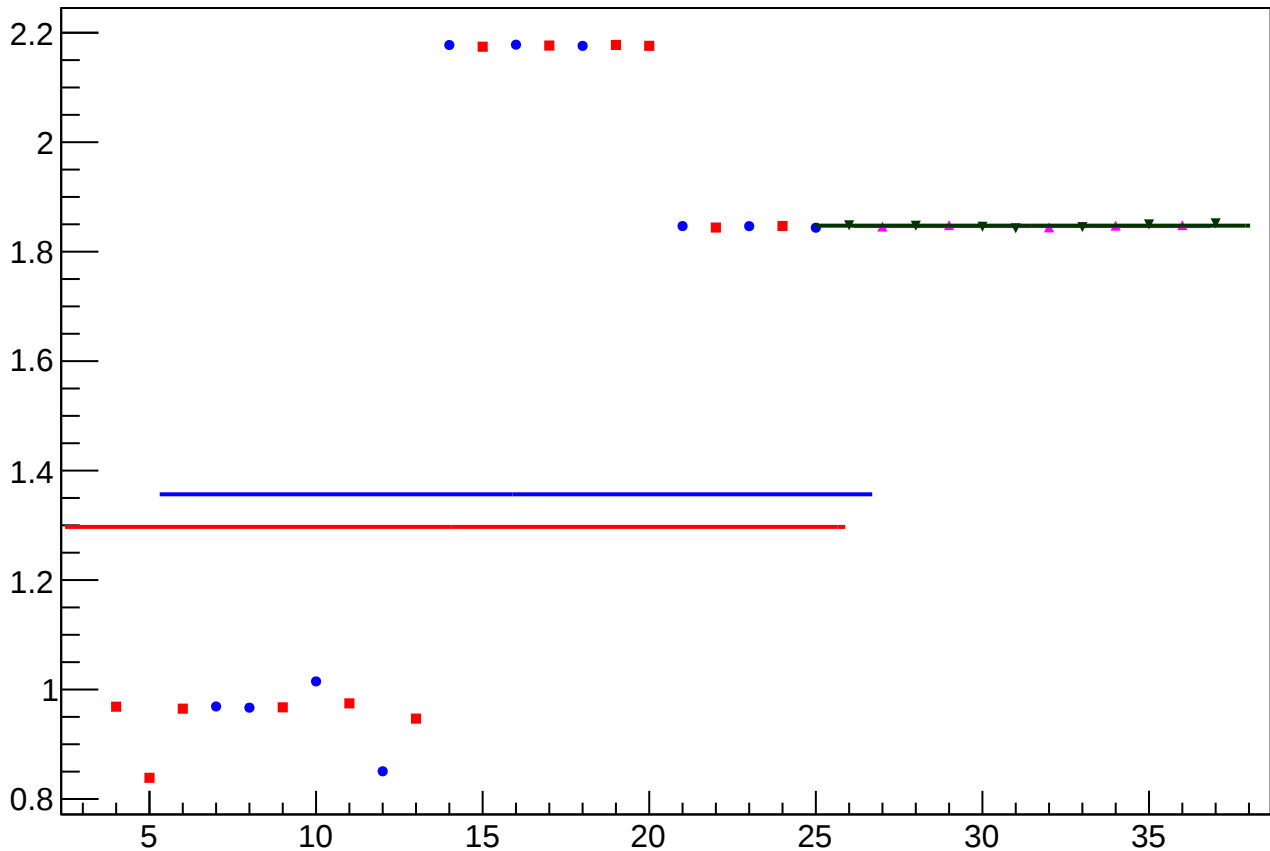
Right Out: 0.007+/-0.000 χ^2/NDF : 46835.5/11

Left In: 0.009+/-0.000 χ^2/NDF :134267.0/4

0.008+/-0.000 χ^2/NDF : 353902.0/16

0.008+/-0.000 χ^2/NDF : 319886.8/16

yield_bpm4aY_mean vs slug



Right In: 1.357+/-0.000 χ^2/NDF : 12373287295.8/9

Left Out: 1.848+/-0.000 χ^2/NDF : 128737.3/6

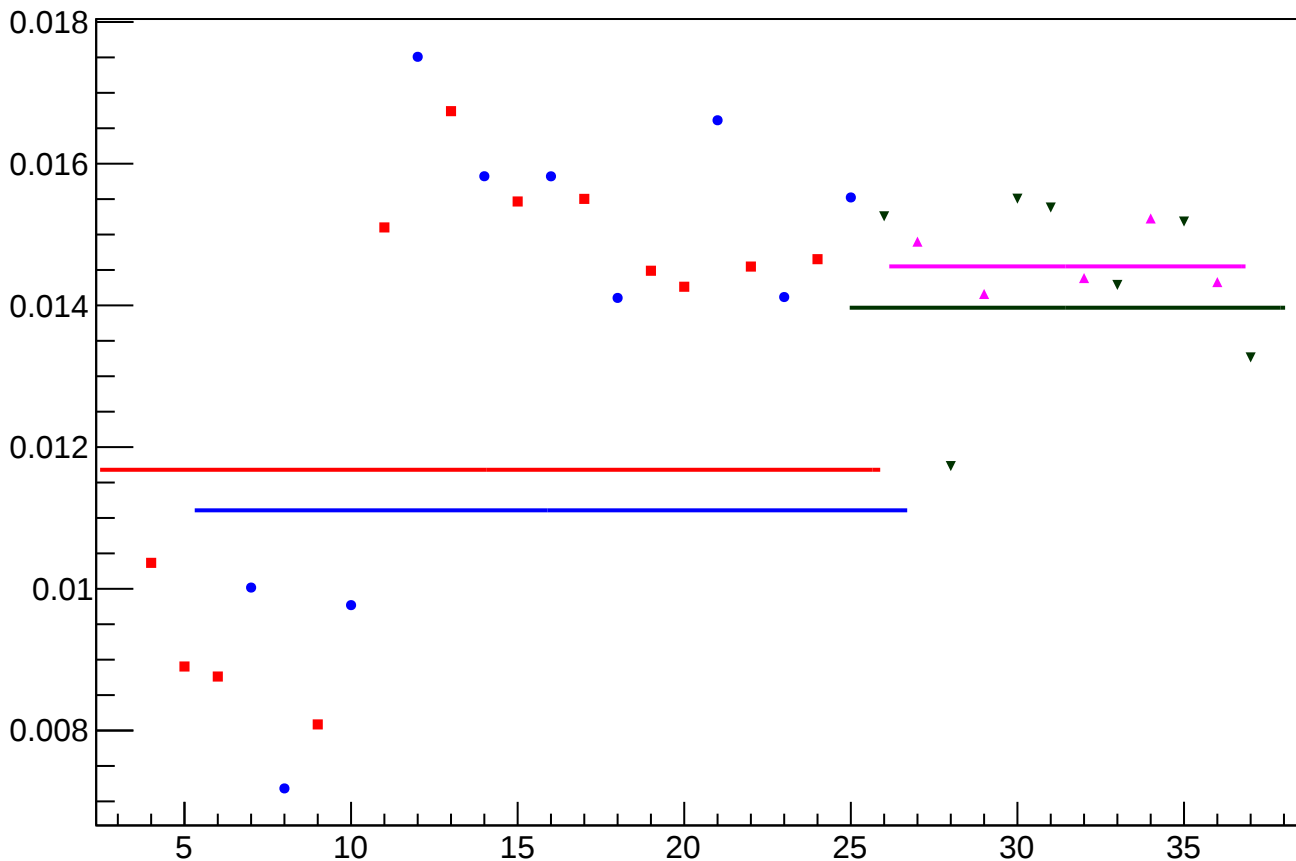
1.495+/-0.000 χ^2/NDF : 15410332237.3/16

Right Out: 1.297+/-0.000 χ^2/NDF : 10947439943.1/11

1.452+/-0.000 χ^2/NDF : 14508668942.3/16

Left In: 1.847+/-0.000 χ^2/NDF : 45106.8/4

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 : 75192.8/6

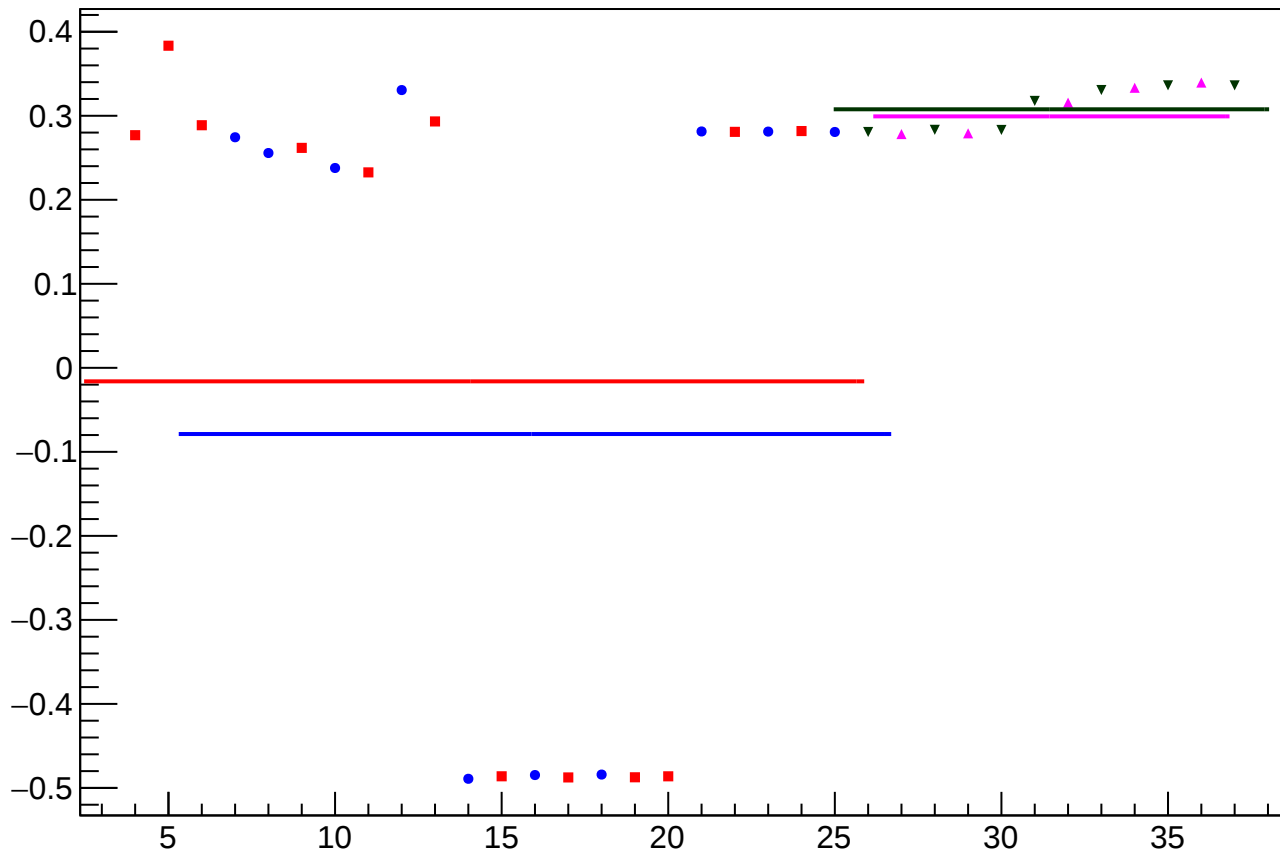
Right Out: 0.012+/-0.000 χ^2/NDF : 930559.5/11

Left In: 0.015+/-0.000 χ^2/NDF : 4518.5/4

0.012+/-0.000 χ^2/NDF : 1584006.4/16

0.012+/-0.000 χ^2/NDF : 1129312.7/16

yield_bpm4eX_mean vs slug



Right In: -0.079+/-0.000 χ^2/NDF : 2891377449.8/9

Left Out: 0.308+/-0.000 χ^2/NDF : 4215200.4/6

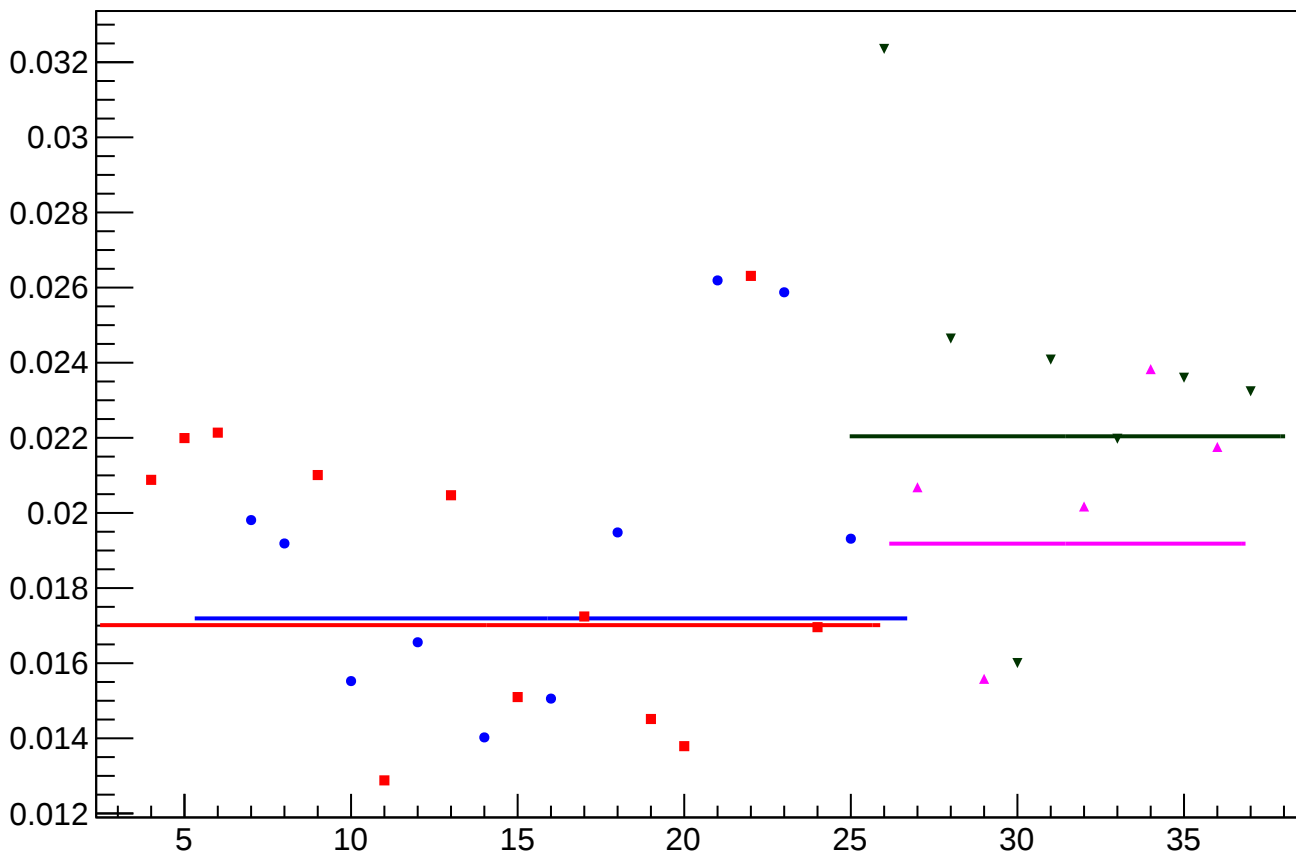
Right Out: -0.016+/-0.000 χ^2/NDF : 2739143286.6/11

Left In: 0.299+/-0.000 χ^2/NDF : 5228010.9/4

0.020+/-0.000 χ^2/NDF : 3663321718.0/16

0.079+/-0.000 χ^2/NDF : 3355839788.7/16

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 479022.3/9

Left Out: 0.022+/-0.000 χ^2/NDF :258823.8/6

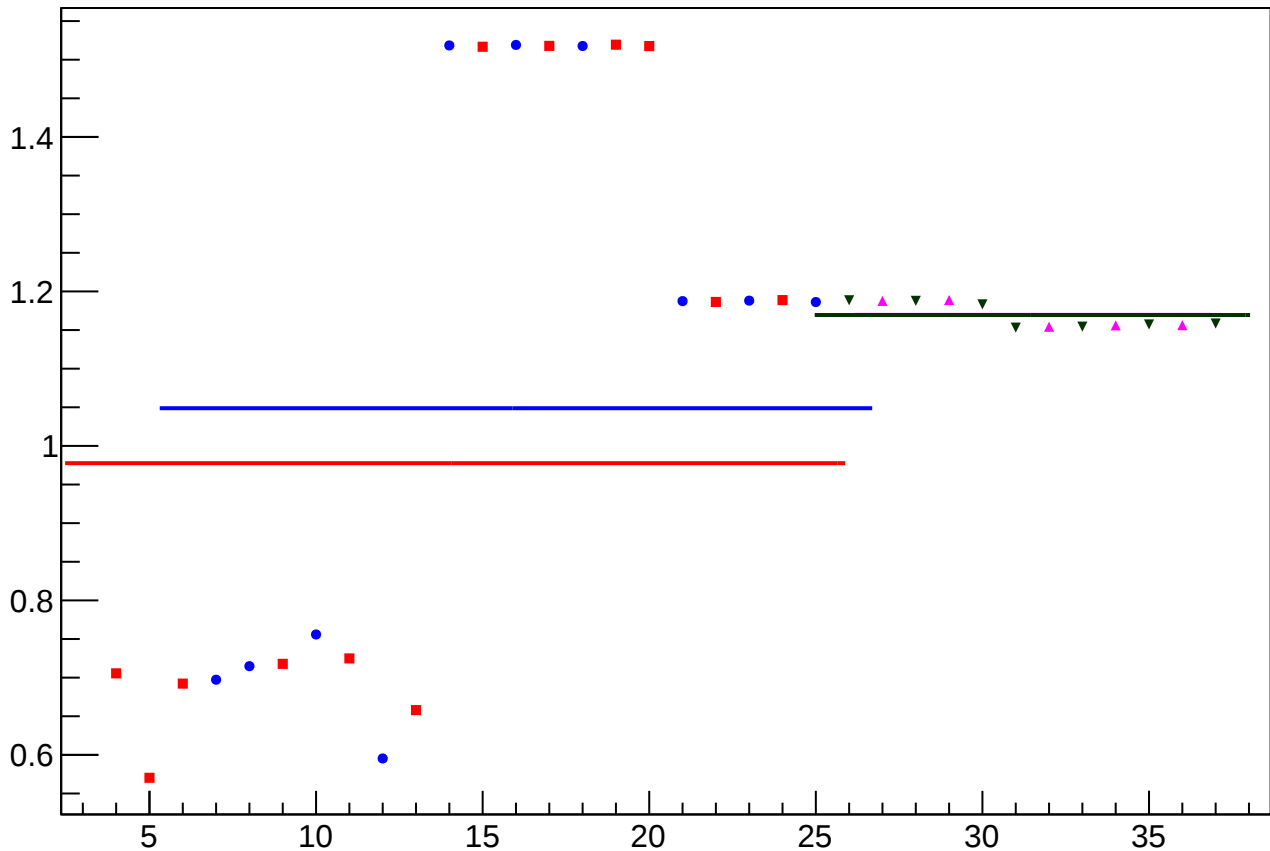
Right Out: 0.017+/-0.000 χ^2/NDF : 541970.9/11

Left In: 0.019+/-0.000 χ^2/NDF :143812.7/4

0.018+/-0.000 χ^2/NDF : 979454.2/16

0.018+/-0.000 χ^2/NDF : 743641.7/16

yield_bpm4eY_mean vs slug



Right In: 1.049+/-0.000 χ^2/NDF : 10266738028.3/9

Left Out: 1.169+/-0.000 χ^2/NDF :10022047.2/6

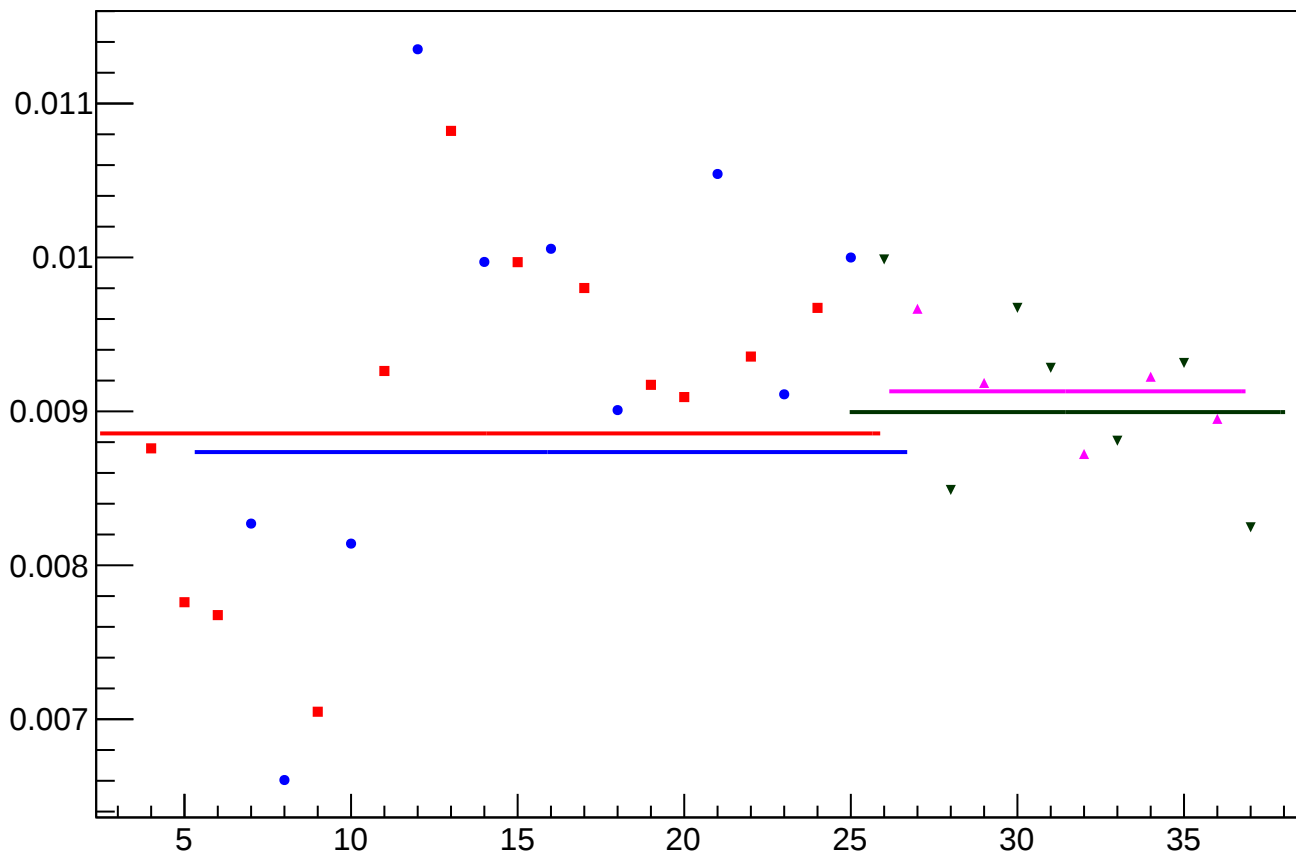
1.091+/-0.000 χ^2/NDF : 10682555423.9/16

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

1.045+/-0.000 χ^2/NDF : 10901754109.8/16

Left In: 1.170+/-0.000 χ^2/NDF :11161706.1/4

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 : 29716.5/6

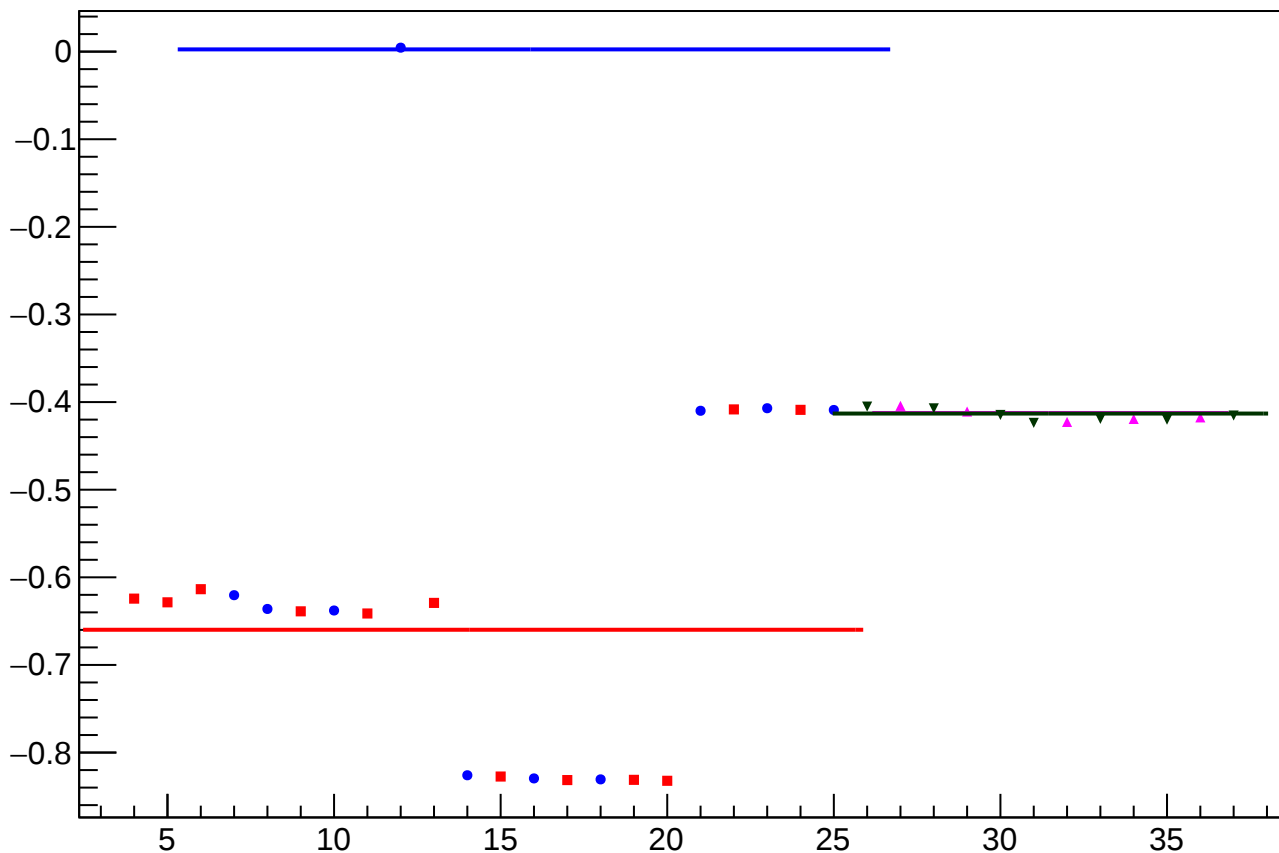
Right Out: 0.009+/-0.000 χ^2/NDF : 223846.5/11

Left In: 0.009+/-0.000 χ^2/NDF : 9399.9/4

0.009+/-0.000 χ^2/NDF : 392973.8/16

0.009+/-0.000 χ^2/NDF : 237275.4/16

yield_bpm4acX_mean vs slug



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

Left Out: -0.413+/-0.000 χ^2/NDF : 1888278.0/6

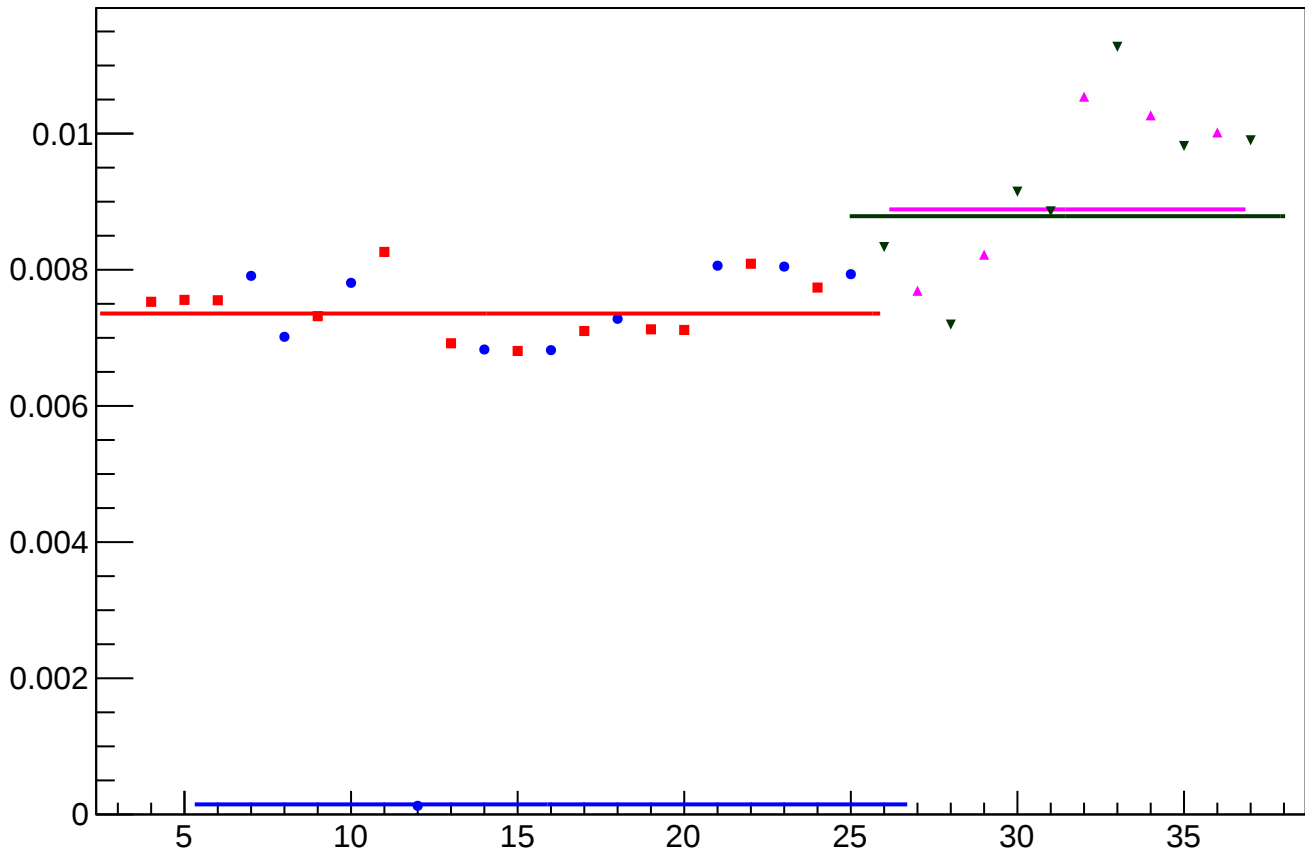
Right Out: -0.660+/-0.000 χ^2/NDF : 2254569212.9/11

Left In: -0.412+/-0.000 χ^2/NDF : 2149066.4/4

0.002+/-0.000 χ^2/NDF : 59830804065.1/16

-0.593+/-0.000 χ^2/NDF : 4206707955.9/16

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11156093.4/9

Left Out: 0.009+/-0.000 χ^2/NDF :144897.8/6

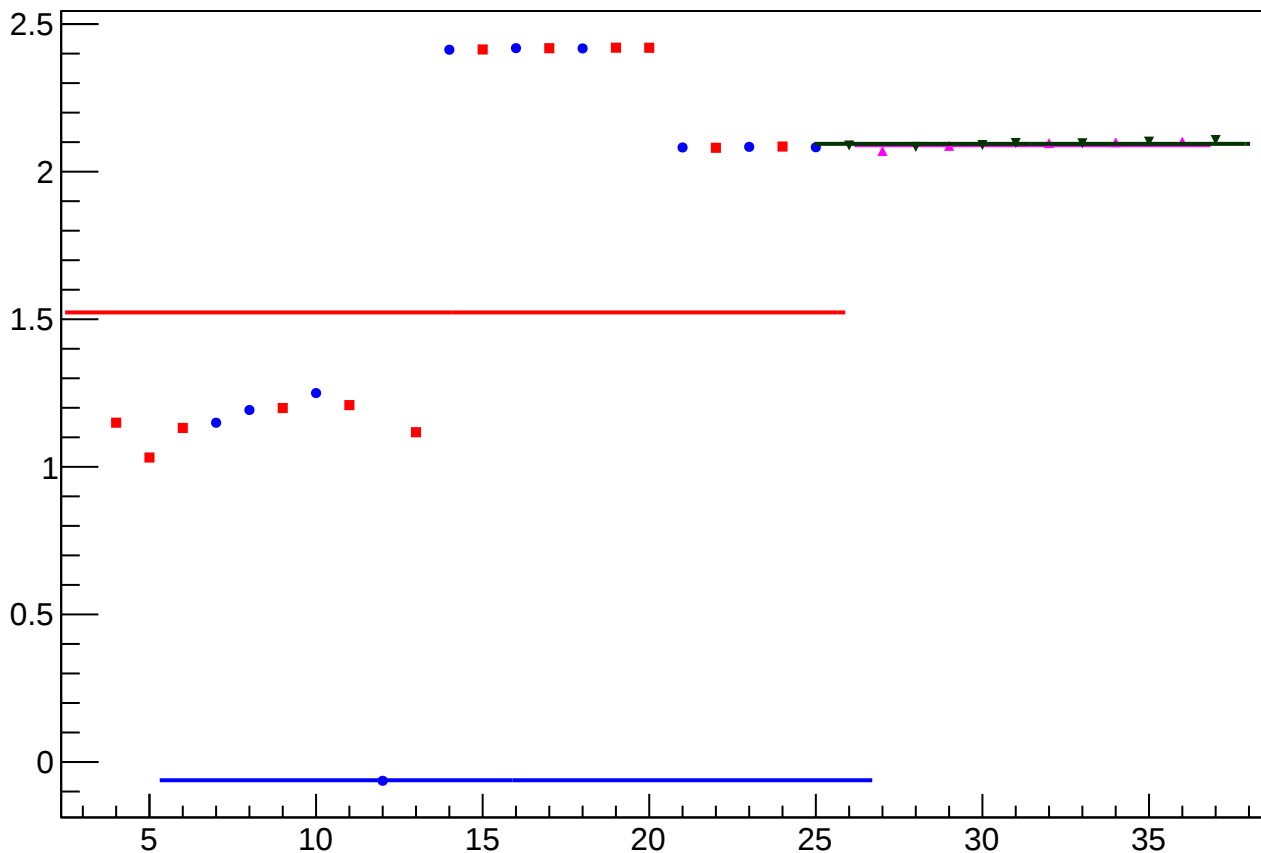
Right Out: 0.007+/-0.000 χ^2/NDF : 46926.6/11

Left In: 0.009+/-0.000 χ^2/NDF :125046.8/4

0.000+/-0.000 χ^2/NDF : 18129945.2/16

0.008+/-0.000 χ^2/NDF : 320970.6/16

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 126997111883.8/9

Left Out: 2.094+/-0.000 χ^2/NDF :1177043.8/6

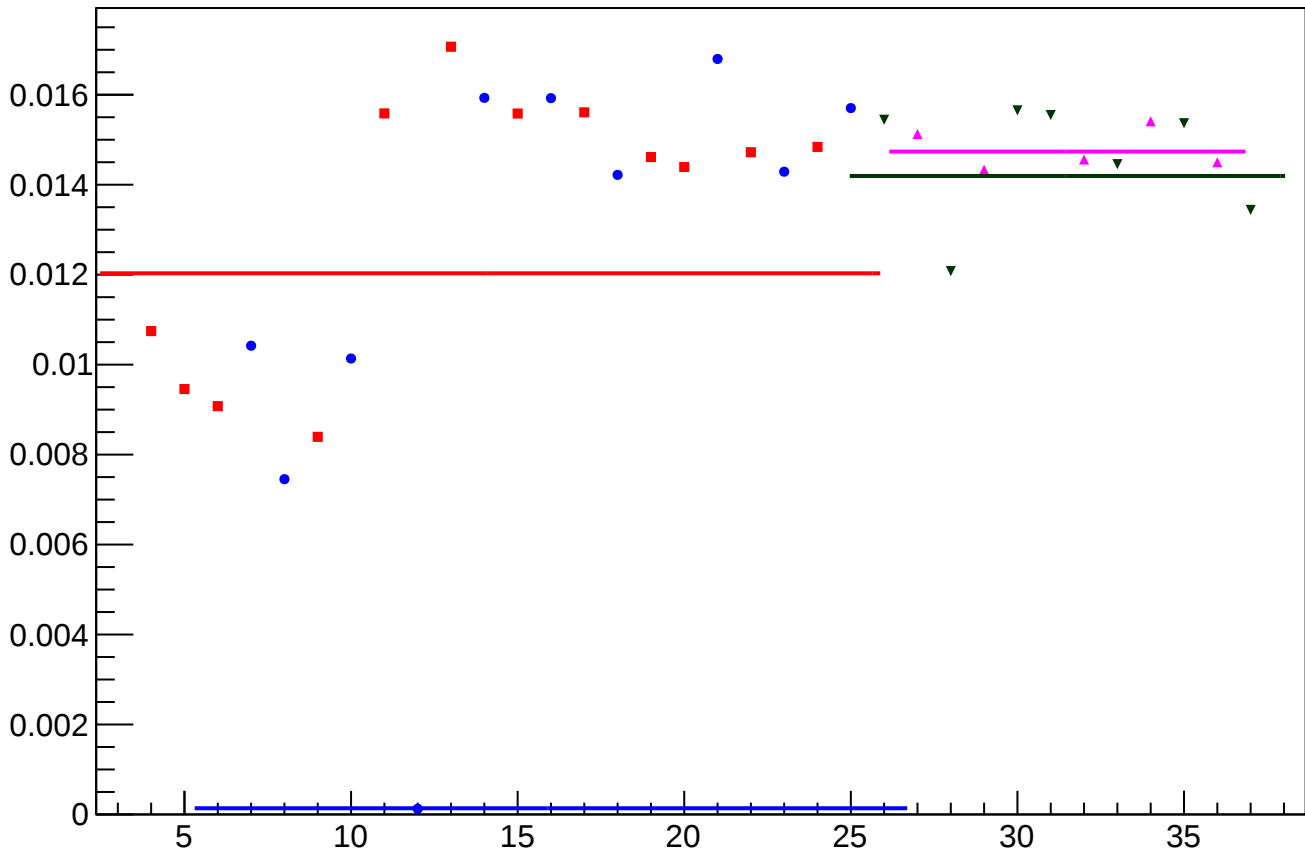
Right Out: 1.523+/-0.000 χ^2/NDF : 11362537231.2/11

Left In: 2.090+/-0.000 χ^2/NDF :2170129.0/4

-0.061+/-0.000 χ^2/NDF : 206166308442.9/16

1.686+/-0.000 χ^2/NDF : 15019976840.7/16

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 : 66105.2/6

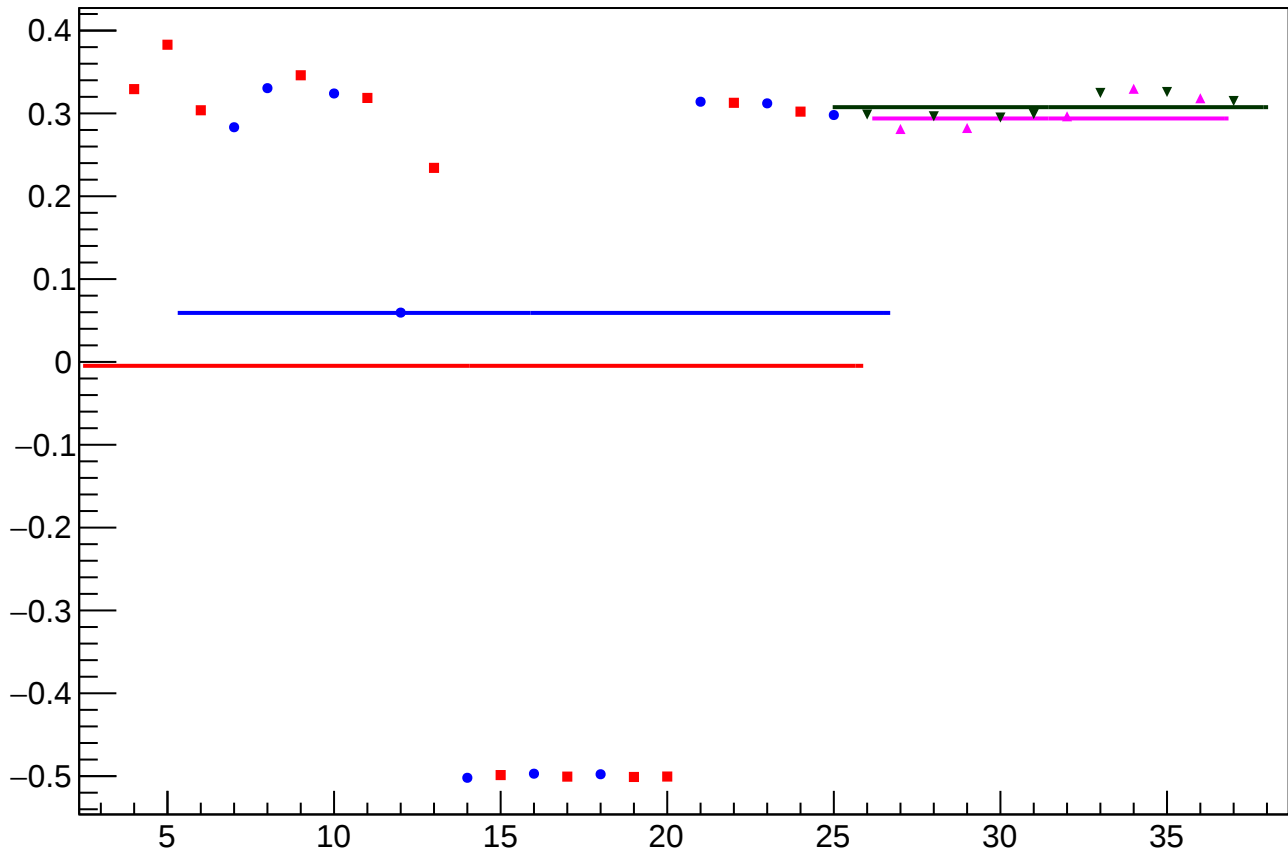
Right Out: 0.012+/-0.000 χ^2/NDF : 858730.1/11

Left In: 0.015+/-0.000 χ^2/NDF : 4752.7/4

0.000+/-0.000 χ^2/NDF : 17691014.3/16

0.013+/-0.000 χ^2/NDF : 1030169.5/16

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3541111693.7/9

Left Out: 0.308+/-0.000 χ^2/NDF :1126238.5/6

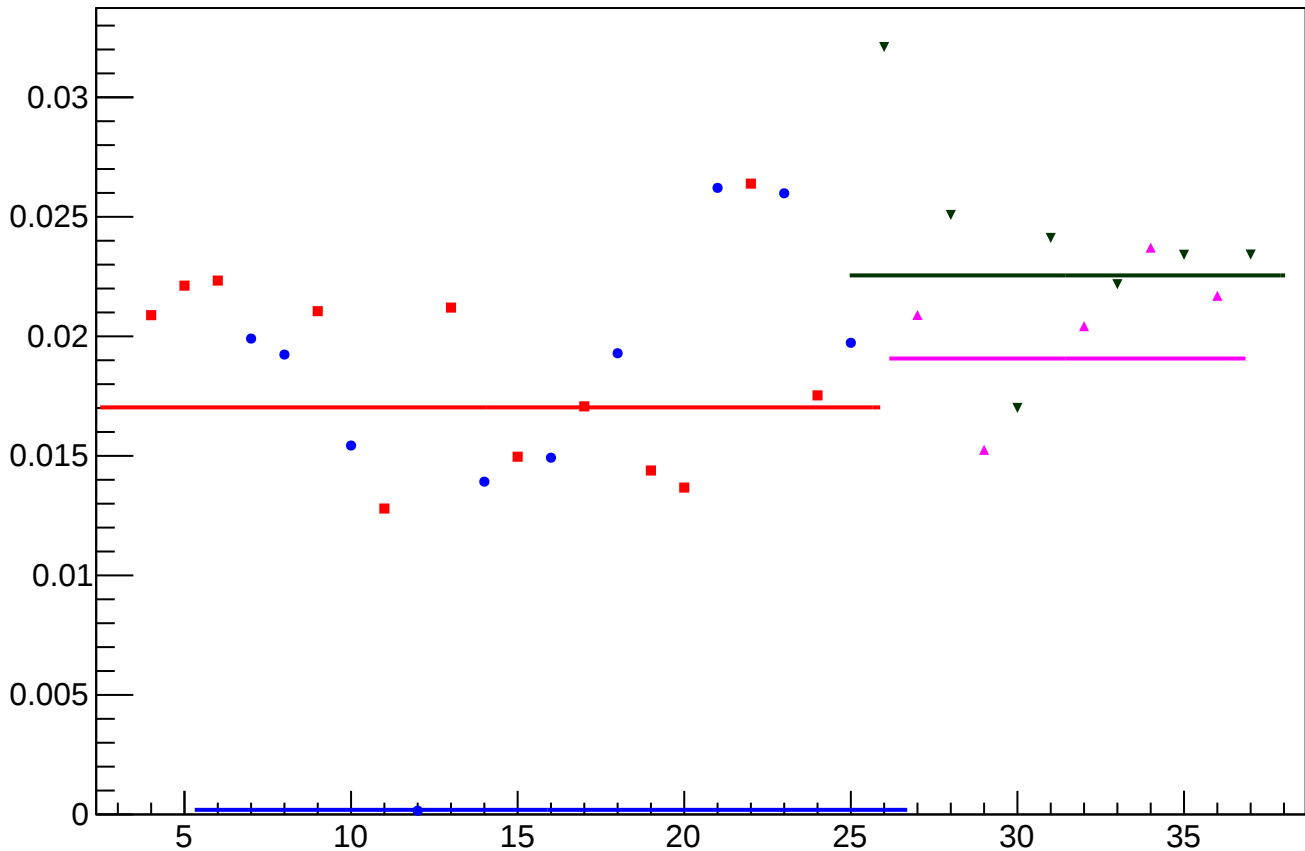
0.059+/-0.000 χ^2/NDF : 3952718410.3/16

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

0.087+/-0.000 χ^2/NDF : 3696269352.6/16

Left In: 0.294+/-0.000 χ^2/NDF :2461164.6/4

yield_bpm4ecX_rms vs slug



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

Left Out: 0.023+/-0.000 χ^2/NDF : 205013.1/6

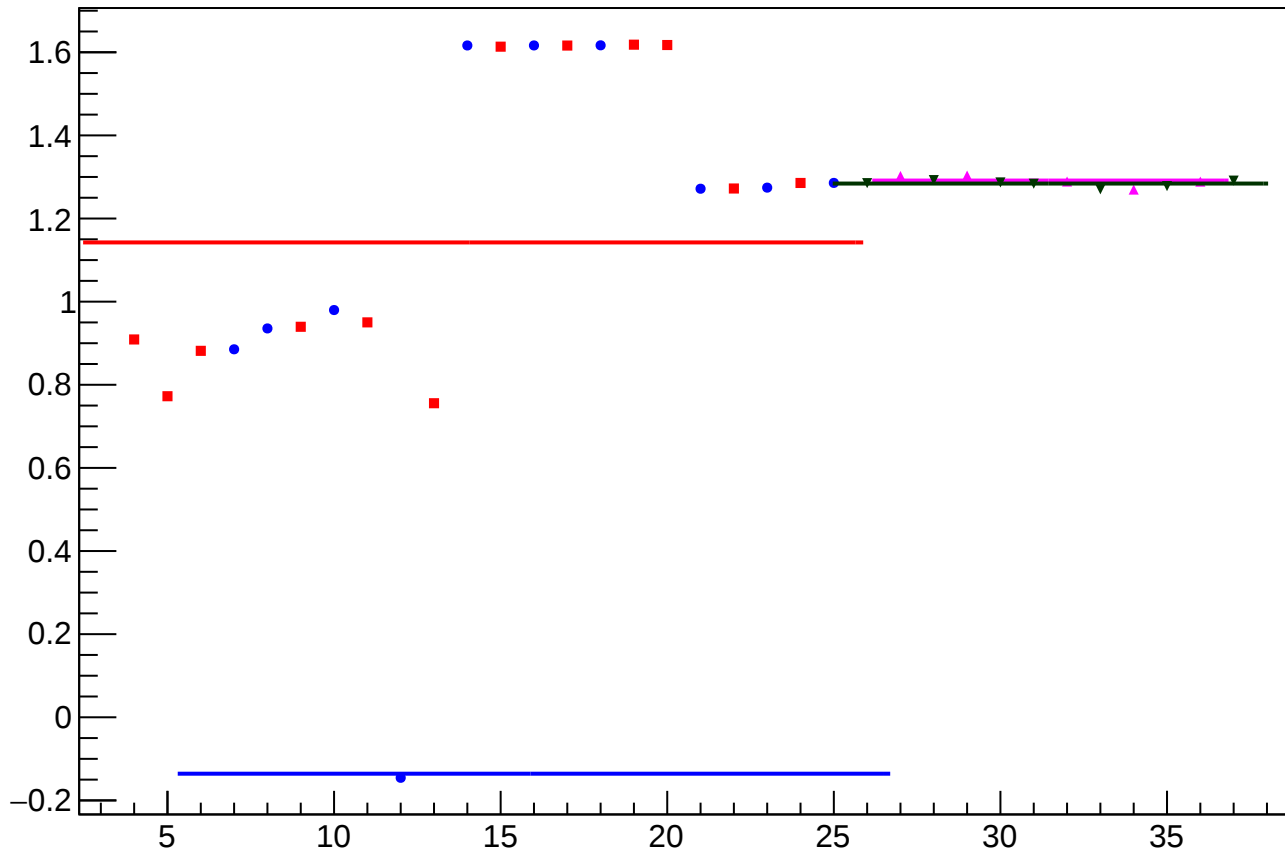
Right Out: 0.017+/-0.000 χ^2/NDF : 584593.5/11

Left In: 0.019+/-0.000 χ^2/NDF : 166832.0/4

0.000+/-0.000 χ^2/NDF : 17846911.4/16

0.018+/-0.000 χ^2/NDF : 803213.7/16

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 131146167218.9/9

Left Out: 1.284+/-0.000 χ^2/NDF : 1869118.0/6

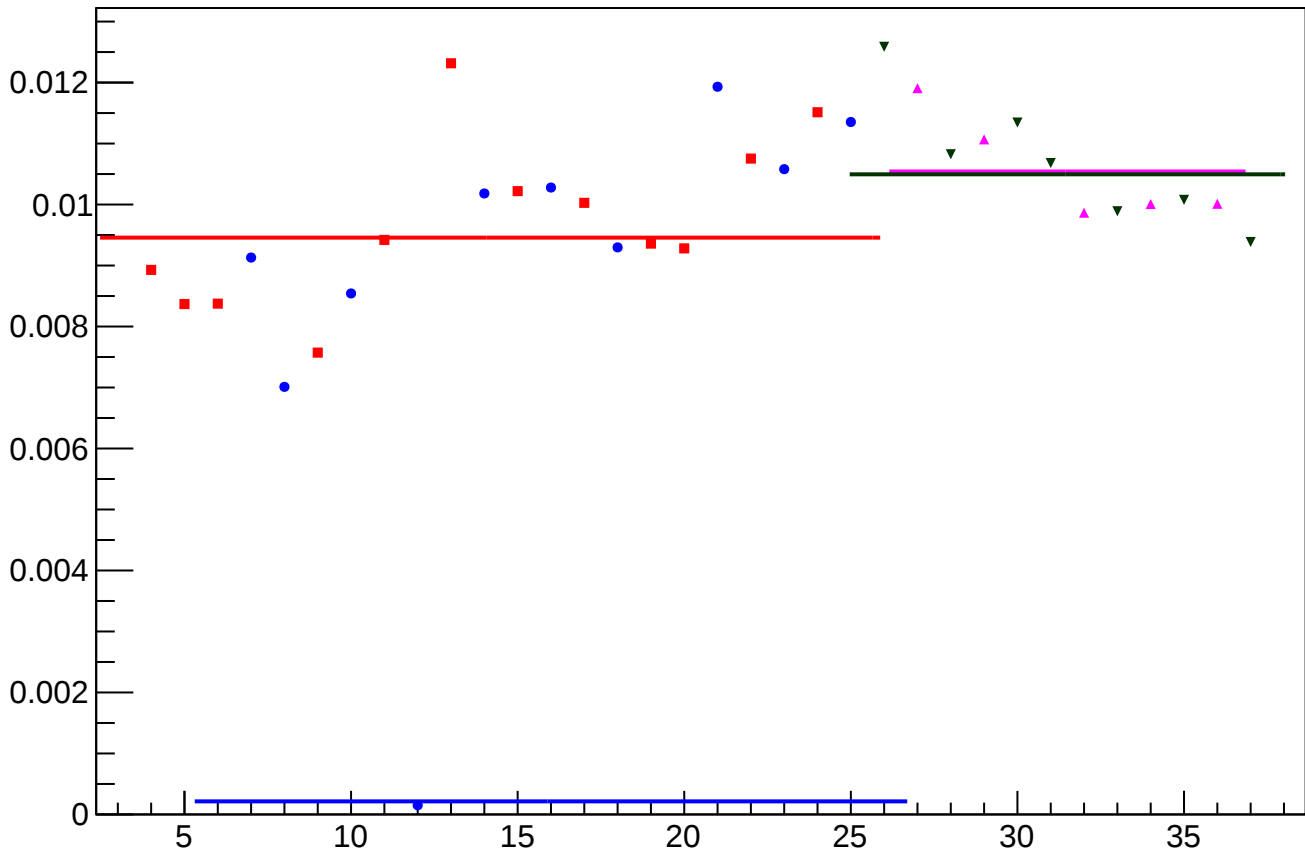
-0.131+/-0.000 χ^2/NDF : 194825491558.1/16

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

1.189+/-0.000 χ^2/NDF : 7489161743.7/16

Left In: 1.291+/-0.000 χ^2/NDF : 4024884.1/4

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10811399.3/9

Left Out: 0.010+/-0.000 χ^2/NDF : 53092.0/6

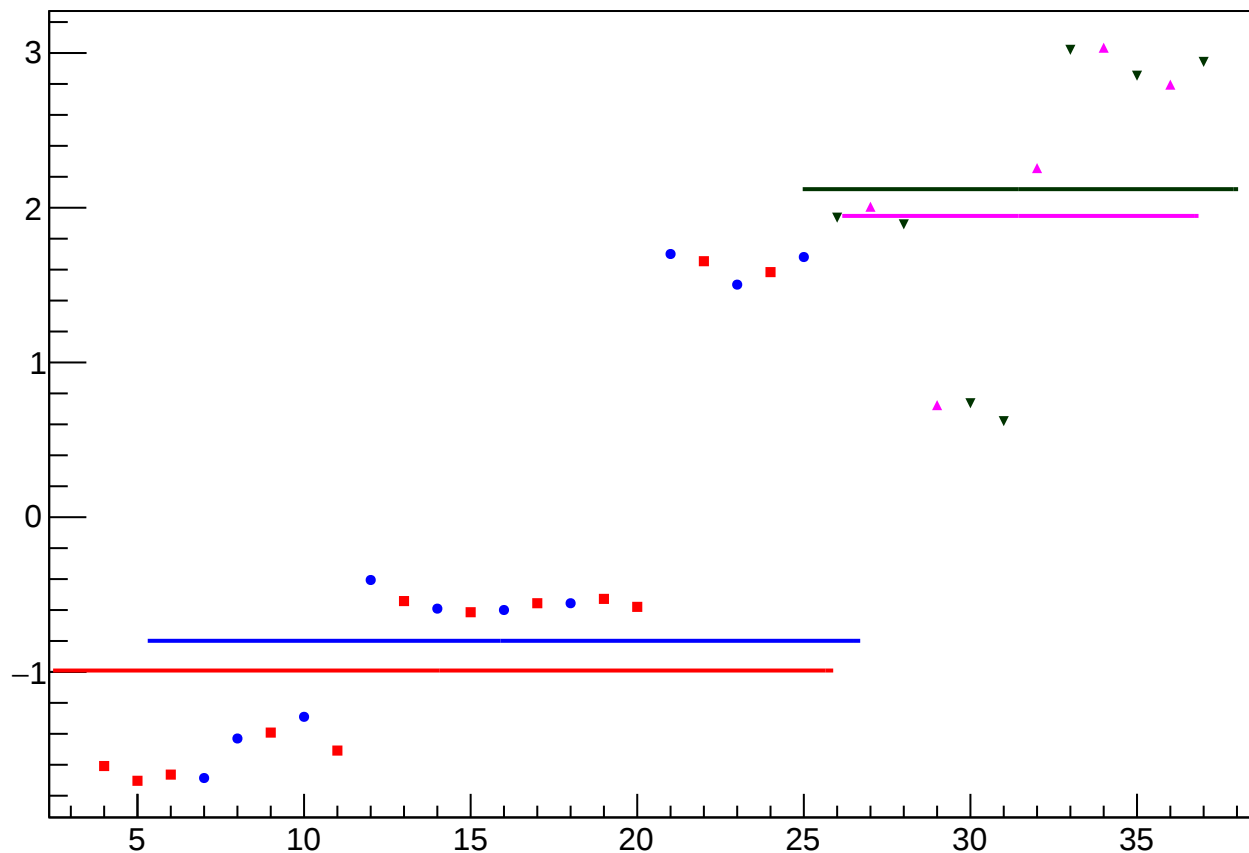
0.000+/-0.000 χ^2/NDF : 17541337.5/16

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

0.010+/-0.000 χ^2/NDF : 358392.3/16

Left In: 0.011+/-0.000 χ^2/NDF : 38968.2/4

yield_bpm1X_mean vs slug



Right In: -0.799+/-0.000 χ^2/NDF : 2108272061.1/9

Left Out: 2.120+/-0.000 χ^2/NDF :101032007.4/6

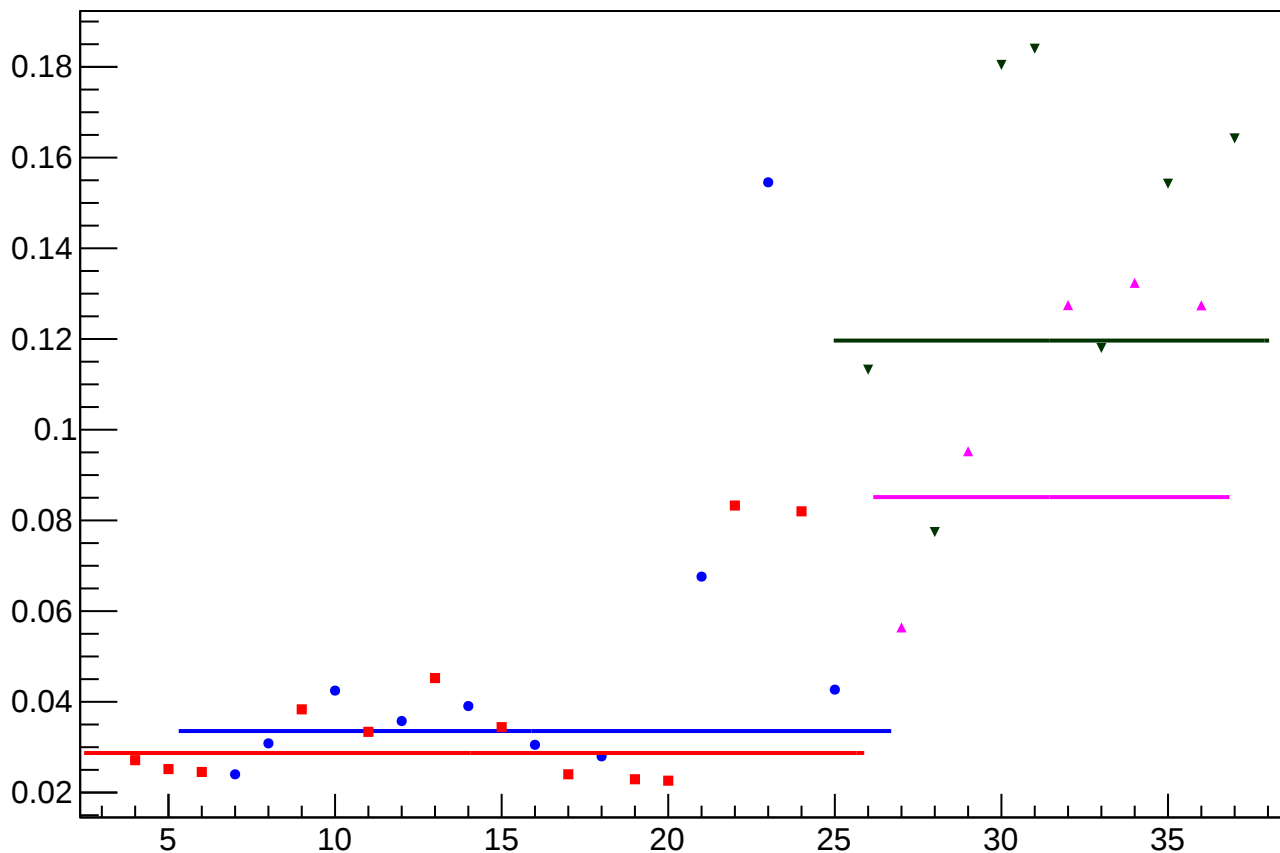
Right Out: -0.991+/-0.000 χ^2/NDF : 2016562689.3/11

Left In: 1.947+/-0.000 χ^2/NDF :140708785.9/4

-0.664+/-0.000 χ^2/NDF : 3730046170.6/16

-0.827+/-0.000 χ^2/NDF : 4744475213.9/16

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1033776.5/9

Left Out: 0.120+/-0.000 χ^2/NDF : 549734.8/6

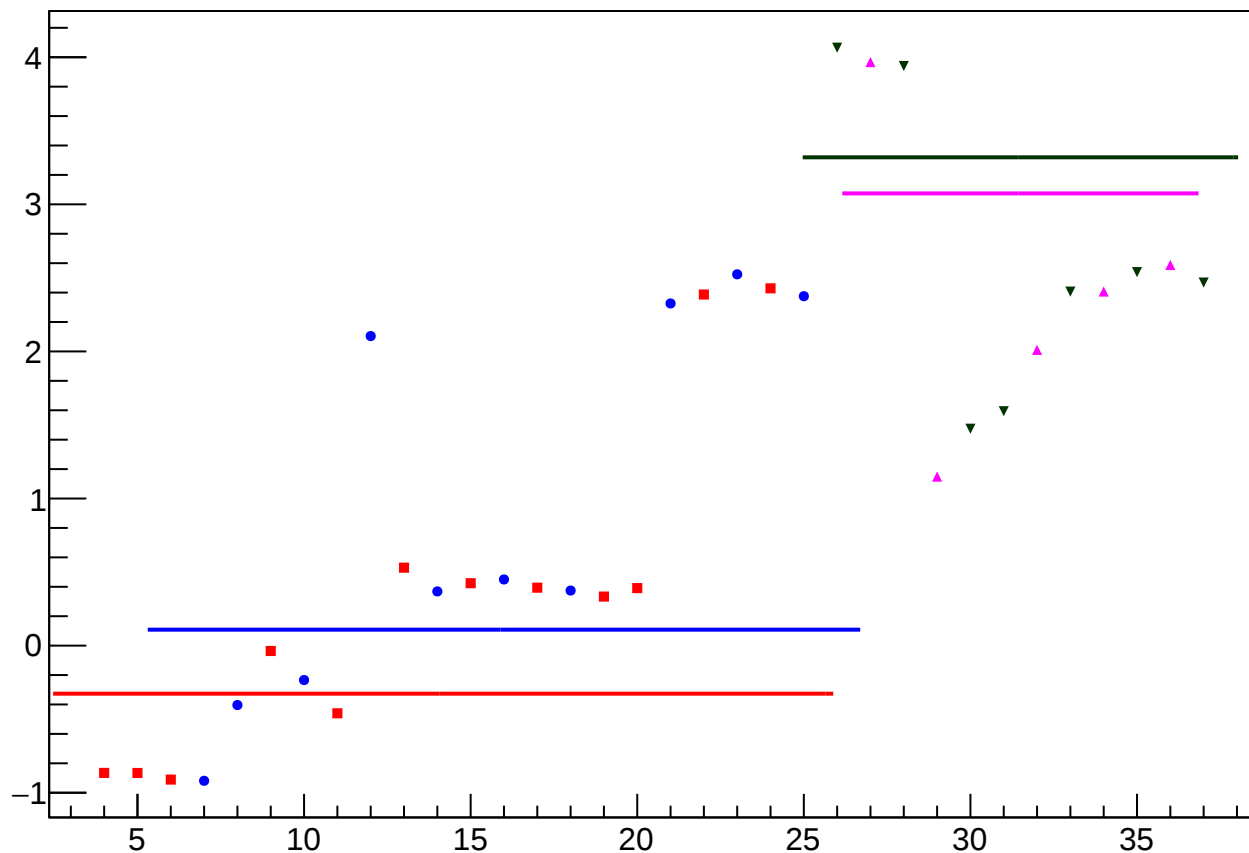
Right Out: 0.029+/-0.000 χ^2/NDF : 965052.5/11

Left In: 0.085+/-0.000 χ^2/NDF : 643898.9/4

0.038+/-0.000 χ^2/NDF : 4229625.2/16

0.032+/-0.000 χ^2/NDF : 3517364.8/16

yield_bpm1Y_mean vs slug



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

Left Out: 3.320+/-0.000 χ^2/NDF :316751515.7/6

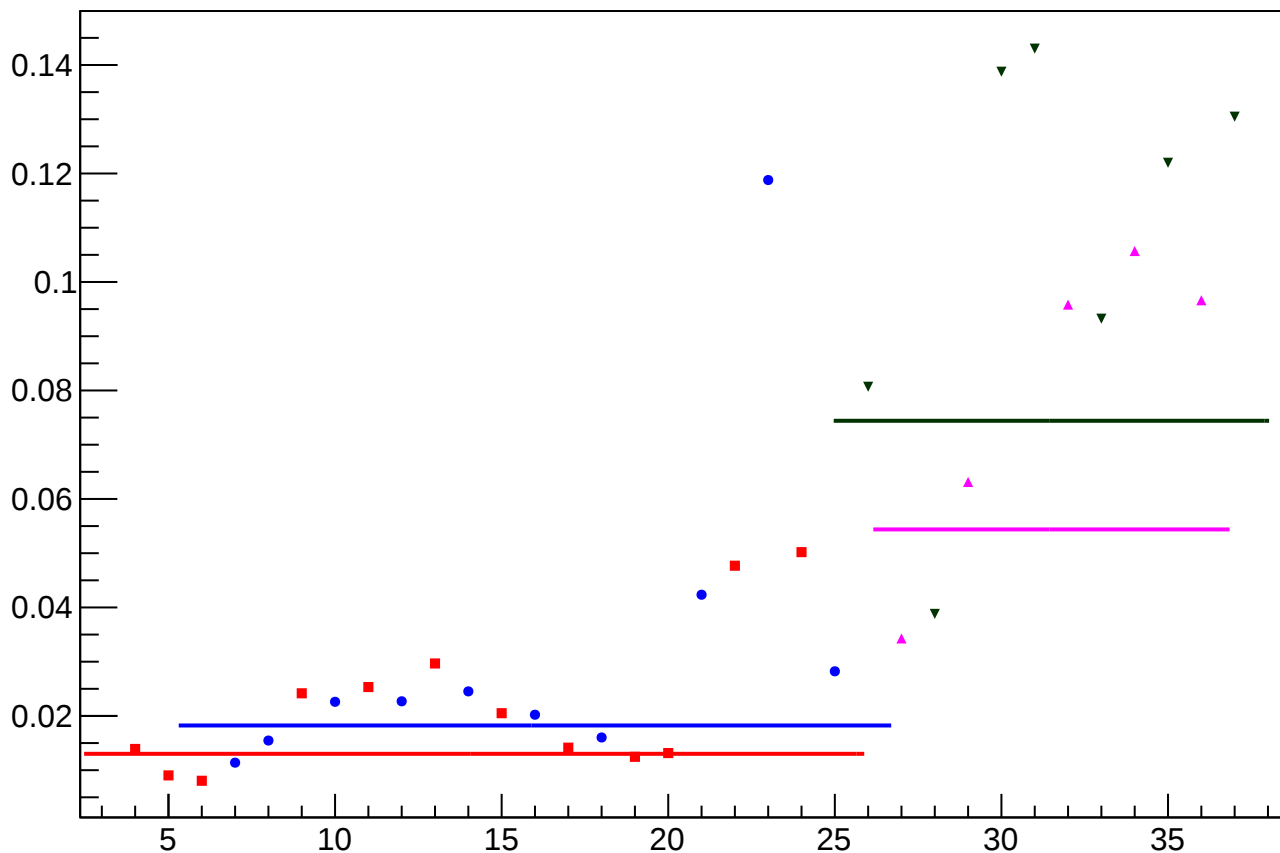
Right Out: -0.327+/-0.000 χ^2/NDF : 9287320551.8/11

Left In: 3.074+/-0.000 χ^2/NDF :865075632.4/4

0.221+/-0.000 χ^2/NDF : 12404083981.4/16

-0.220+/-0.000 χ^2/NDF : 17672087650.0/16

yield_bpm1Y_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1320521.5/9

Left Out: 0.074+/-0.000 χ^2/NDF : 1218043.1/6

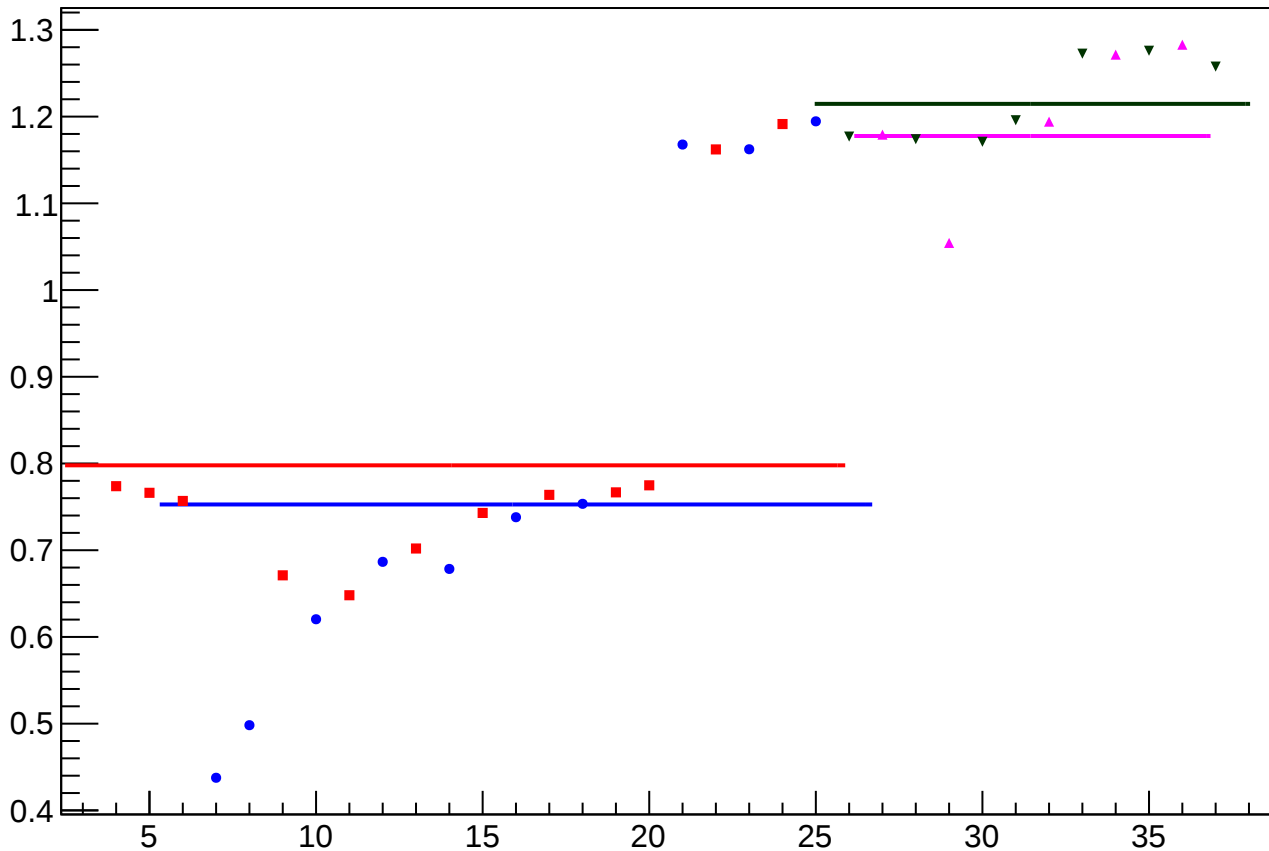
Right Out: 0.013+/-0.000 χ^2/NDF : 1857519.6/11

Left In: 0.054+/-0.000 χ^2/NDF : 957091.5/4

0.020+/-0.000 χ^2/NDF : 4971707.4/16

0.014+/-0.000 χ^2/NDF : 5039312.1/16

yield_bpm11X_mean vs slug



Right In: 0.753+/-0.000 χ^2/NDF : 845583832.8/9

Left Out: 1.215+/-0.000 χ^2/NDF :13886451.1/6

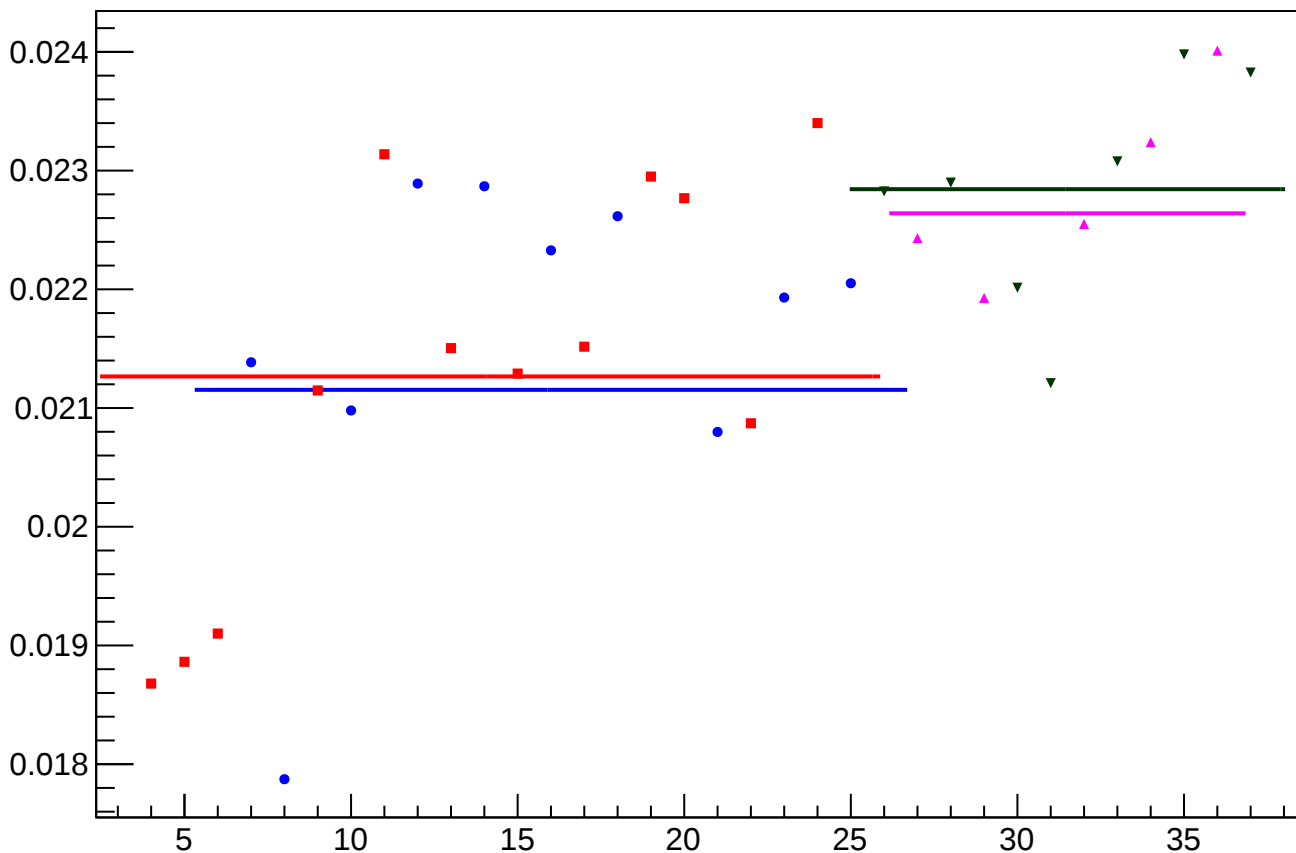
0.905+/-0.000 χ^2/NDF : 1833092971.9/16

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

0.924+/-0.000 χ^2/NDF : 1090402697.2/16

Left In: 1.178+/-0.000 χ^2/NDF :42770400.0/4

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 :9932.3/6

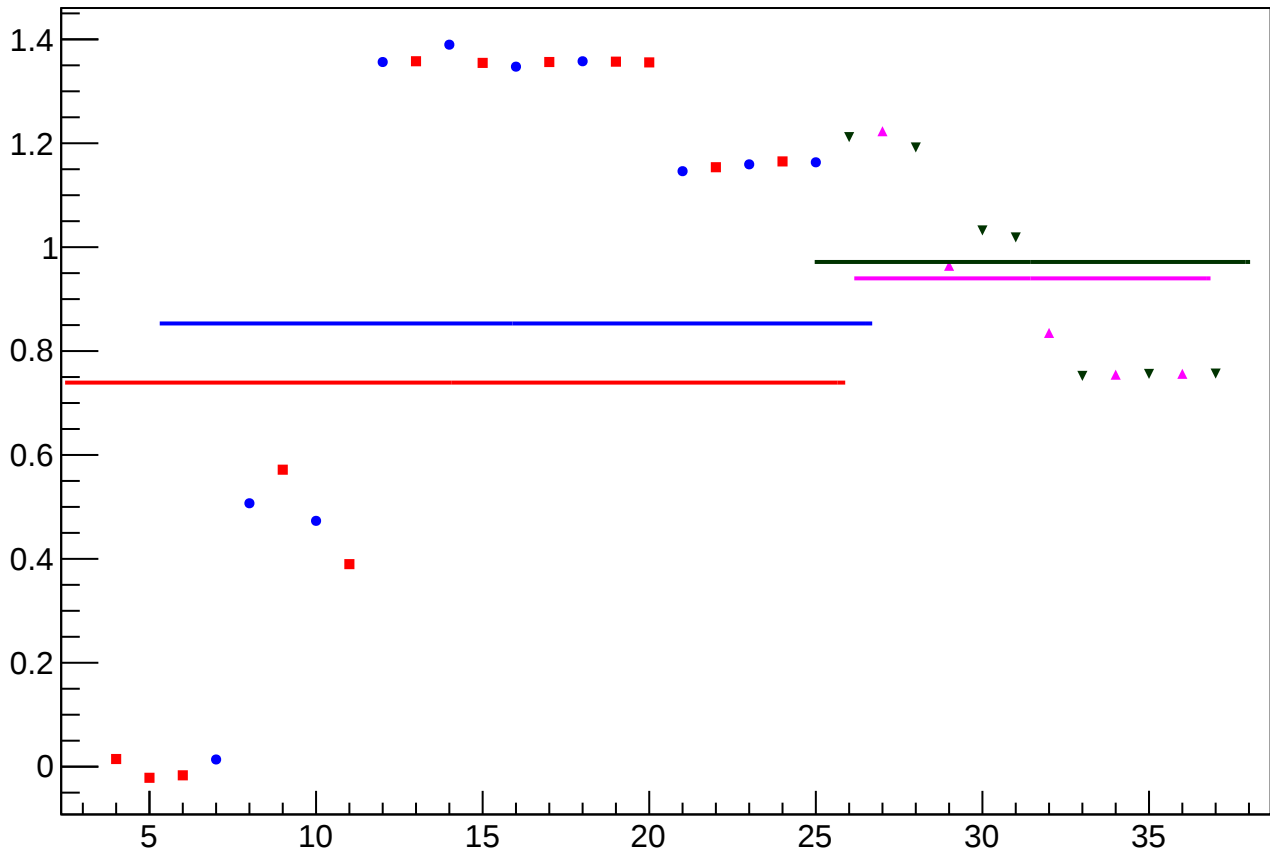
Right Out: 0.021+/-0.000 χ^2/NDF : 58605.8/11

Left In: 0.023+/-0.000 χ^2/NDF :5614.3/4

0.022+/-0.000 χ^2/NDF : 125384.1/16

0.022+/-0.000 χ^2/NDF : 81337.0/16

yield_bpm11Y_mean vs slug



Right In: 0.853+/-0.000 χ^2/NDF : 104764240658.7/9

Left Out: 0.972+/-0.000 χ^2/NDF : 9061701116.8/6

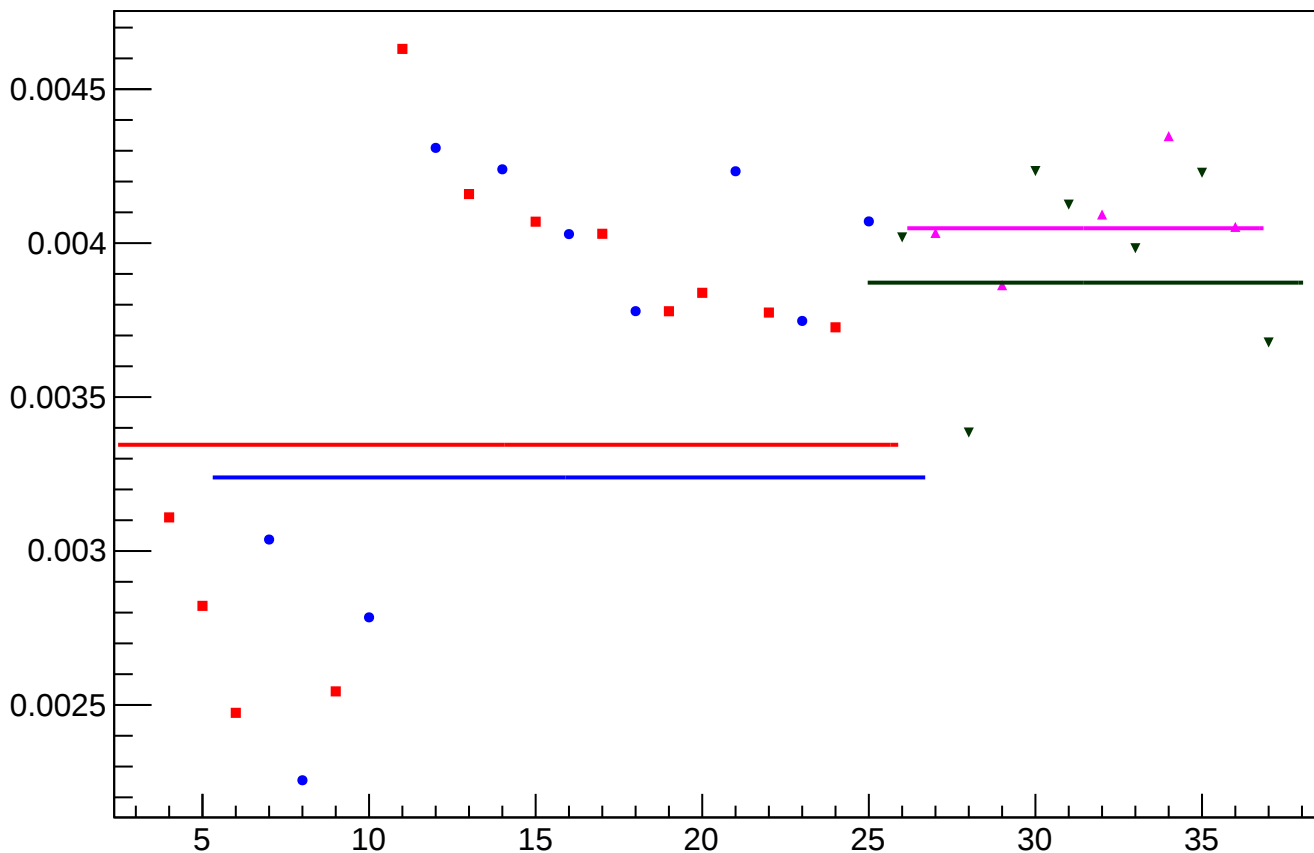
0.888+/-0.000 χ^2/NDF : 116101696425.4/16

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

0.797+/-0.000 χ^2/NDF : 175880062120.1/16

Left In: 0.940+/-0.000 χ^2/NDF : 6658793764.3/4

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 745700.6/9

Left Out: 0.004+/-0.000 χ^2/NDF : 47464.7/6

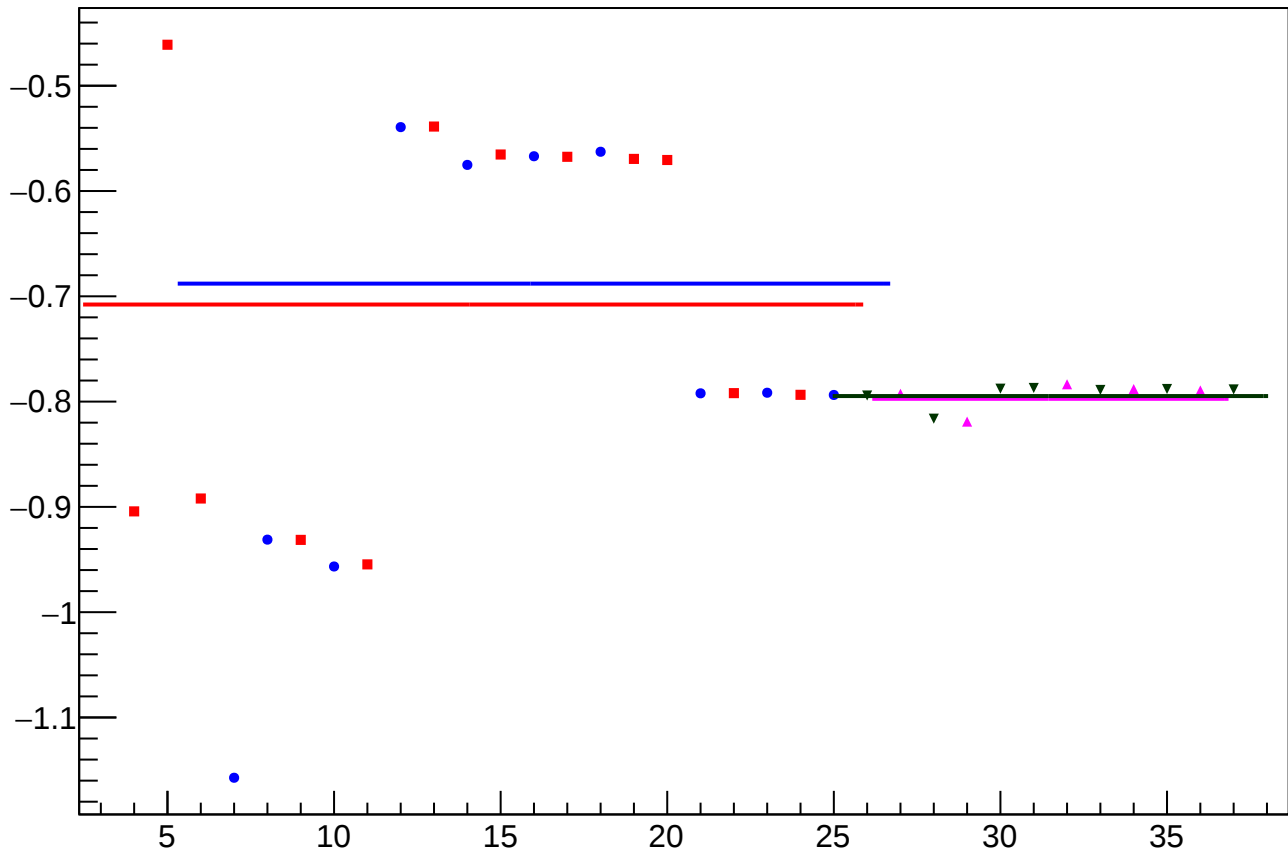
Right Out: 0.003+/-0.000 χ^2/NDF : 574504.0/11

Left In: 0.004+/-0.000 χ^2/NDF : 8491.4/4

0.003+/-0.000 χ^2/NDF : 923146.2/16

0.004+/-0.000 χ^2/NDF : 732248.7/16

yield_bpm12X_mean vs slug



Right In: -0.688+/-0.000 χ^2/NDF : 1835449316.2/9

-0.723+/-0.000 χ^2/NDF : 2229758362.1/16

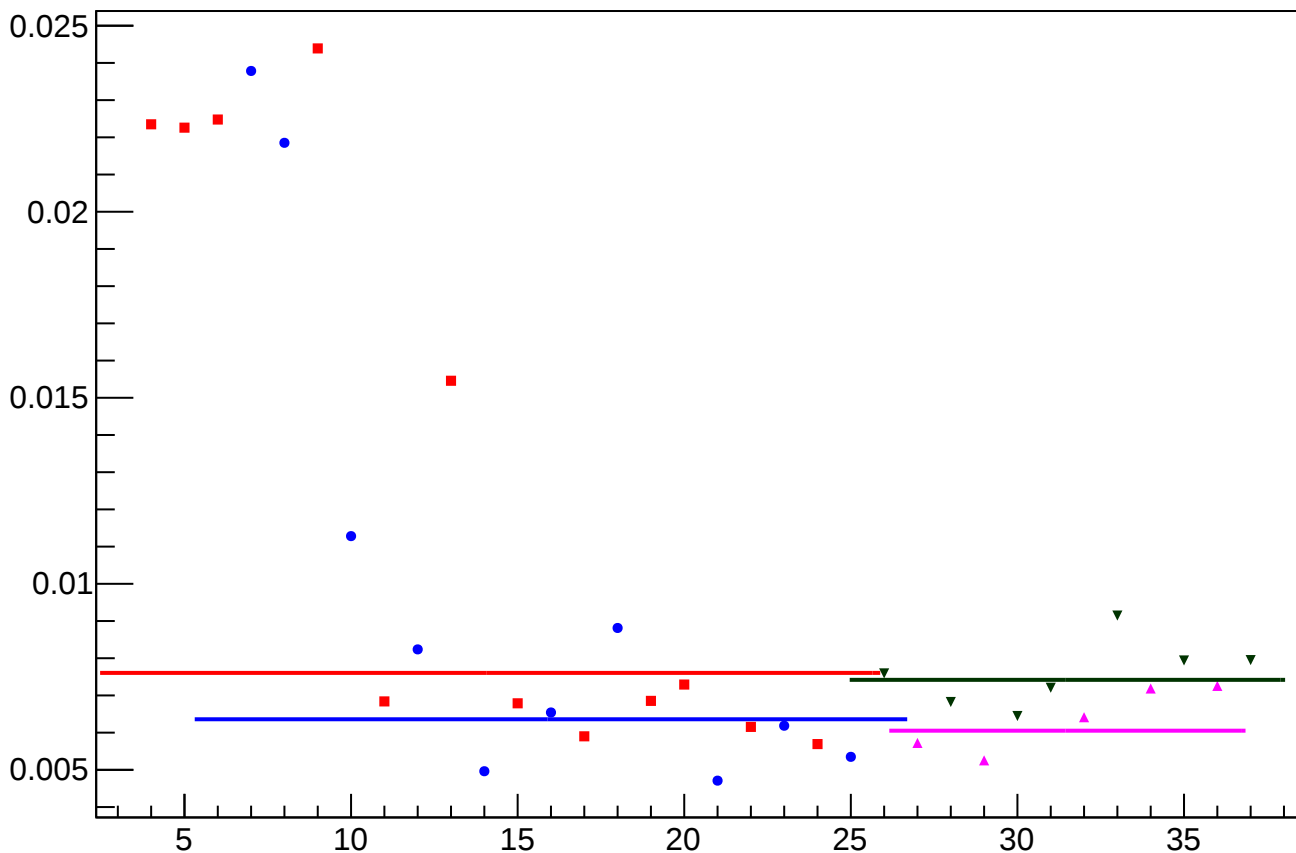
Left Out: -0.795+/-0.000 χ^2/NDF : 6363951.2/6

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

-0.752+/-0.000 χ^2/NDF : 2020946140.2/16

Left In: -0.797+/-0.000 χ^2/NDF : 14106018.8/4

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 : 63680.7/6

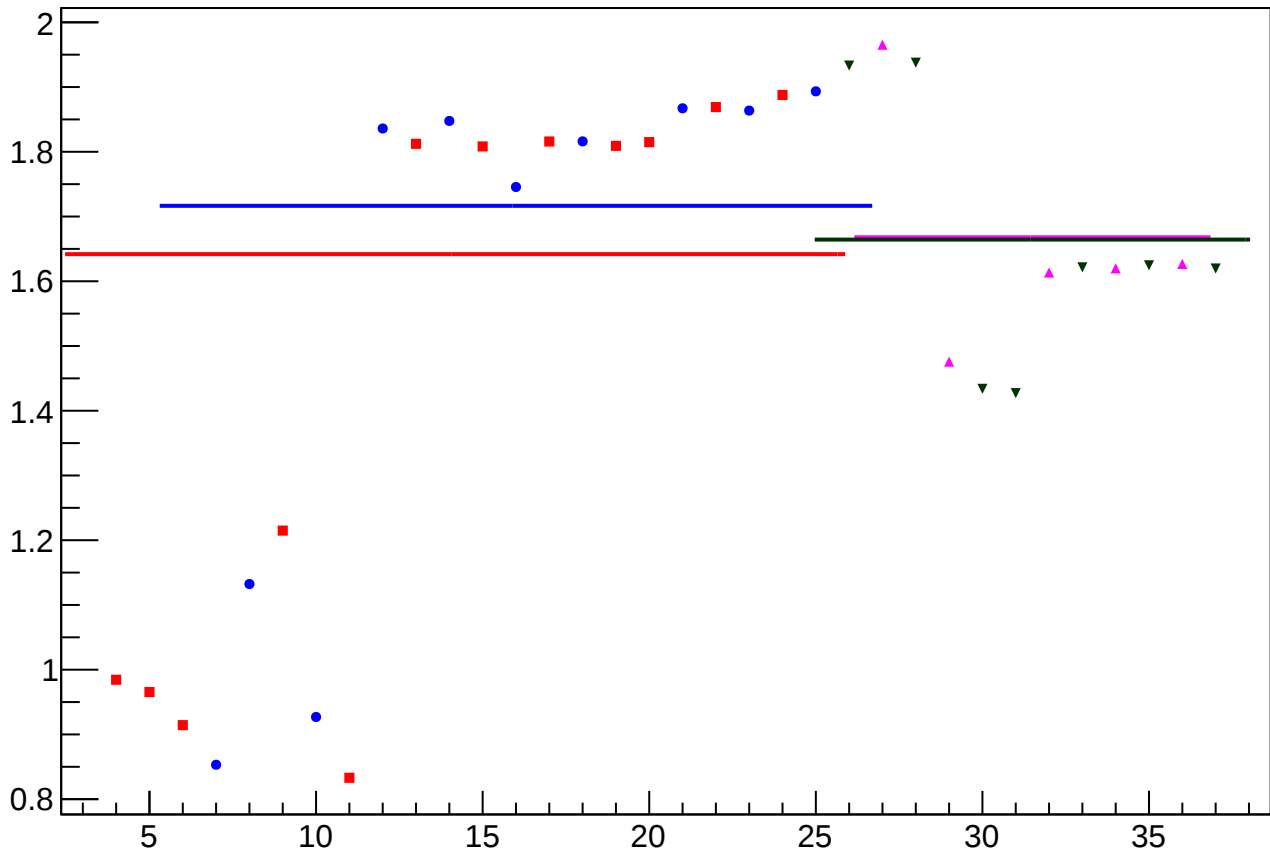
Right Out: 0.008+/-0.000 χ^2/NDF : 2293990.6/11

Left In: 0.006+/-0.000 χ^2/NDF : 73179.6/4

0.007+/-0.000 χ^2/NDF : 1973243.8/16

0.007+/-0.000 χ^2/NDF : 2539874.2/16

yield_bpm12Y_mean vs slug



Right In: 1.717 $\pm$ 0.000 χ^2/NDF : 10938016030.0/9

Left Out: 1.664 $\pm$ 0.000 χ^2/NDF : 2838433040.0/6

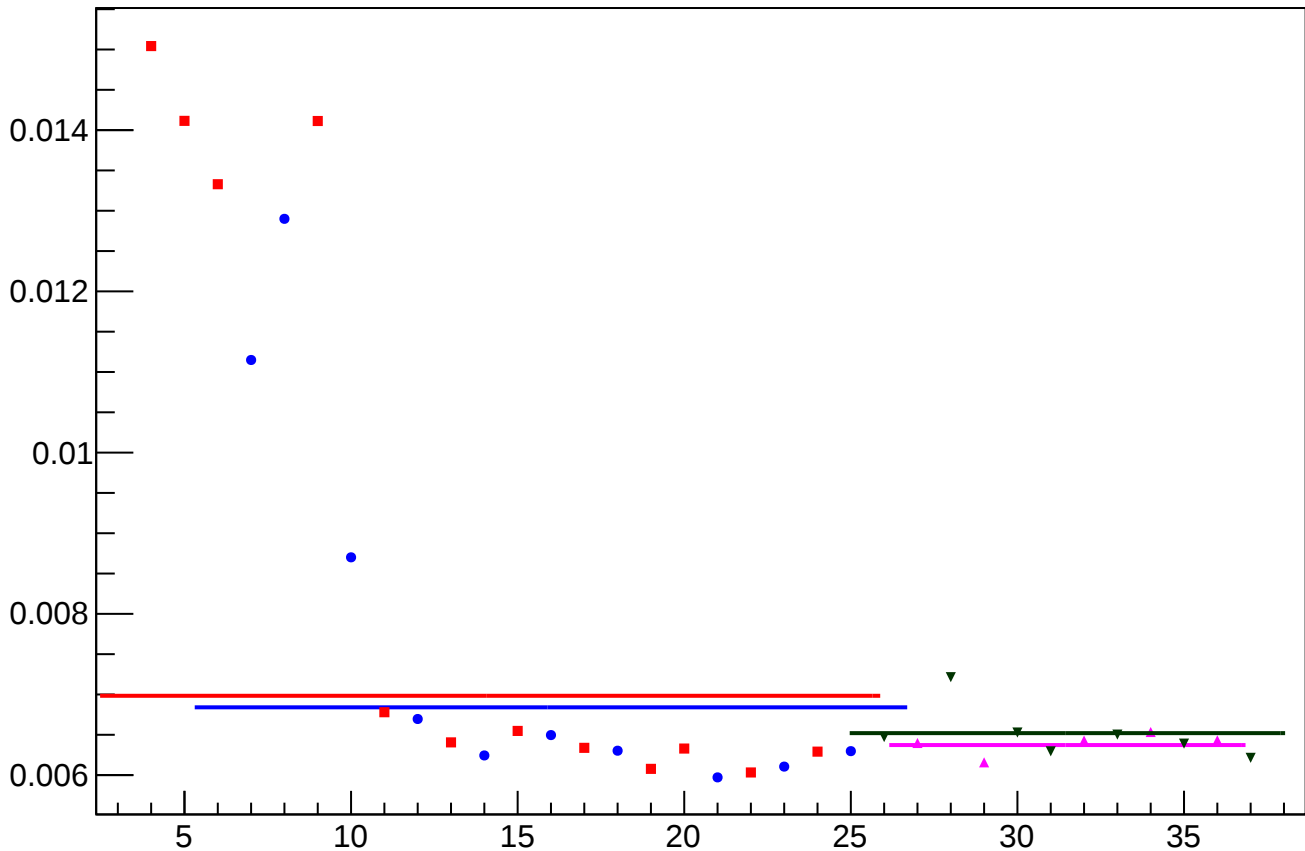
1.696 $\pm$ 0.000 χ^2/NDF : 13906441281.3/16

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

1.653 $\pm$ 0.000 χ^2/NDF : 18305456959.0/16

Left In: 1.668 $\pm$ 0.000 χ^2/NDF : 2522207255.7/4

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 :15226.6/6

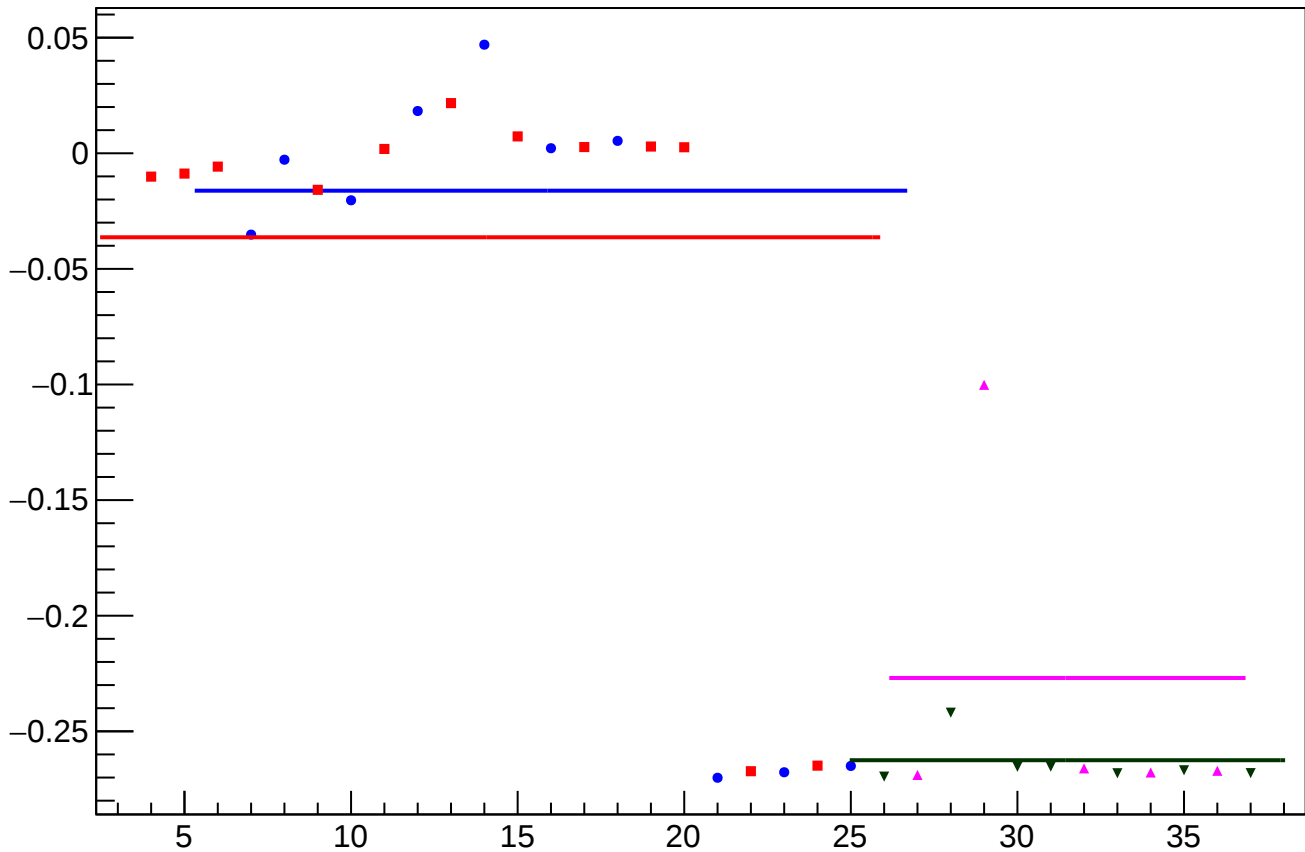
Right Out: 0.007+/-0.000 χ^2/NDF : 973579.9/11

Left In: 0.006+/-0.000 χ^2/NDF :2572.8/4

0.007+/-0.000 χ^2/NDF : 625959.3/16

0.007+/-0.000 χ^2/NDF : 1011078.4/16

yield_bpm16X_mean vs slug



Right In: -0.016+/-0.000 χ^2/NDF : 1451636458.8/9

Left Out: -0.263+/-0.000 χ^2/NDF : 7340178.9/6

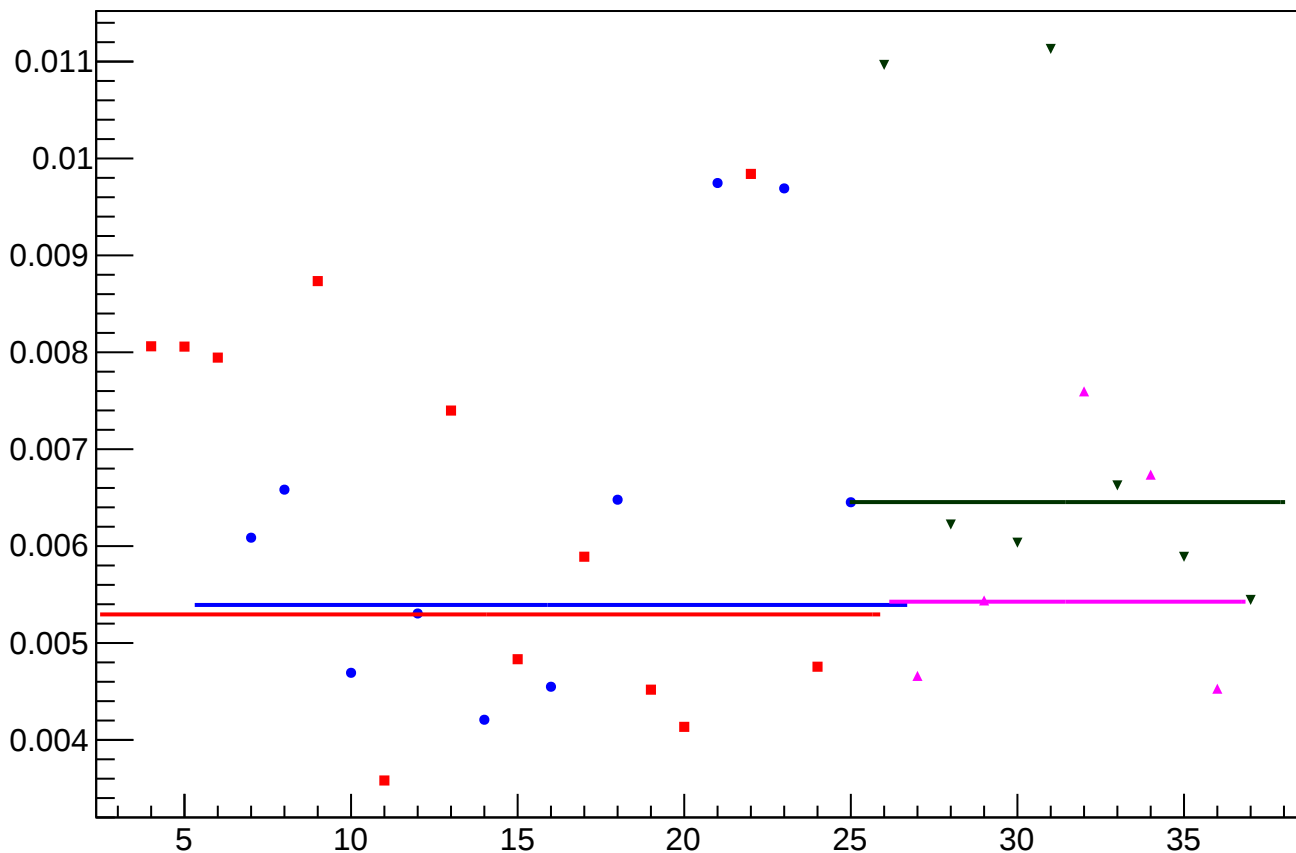
-0.086+/-0.000 χ^2/NDF : 4704975872.4/16

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

-0.103+/-0.000 χ^2/NDF : 4704943667.0/16

Left In: -0.227+/-0.000 χ^2/NDF : 531290235.7/4

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 809148.4/9

Left Out: 0.006+/-0.000 χ^2/NDF :337249.1/6

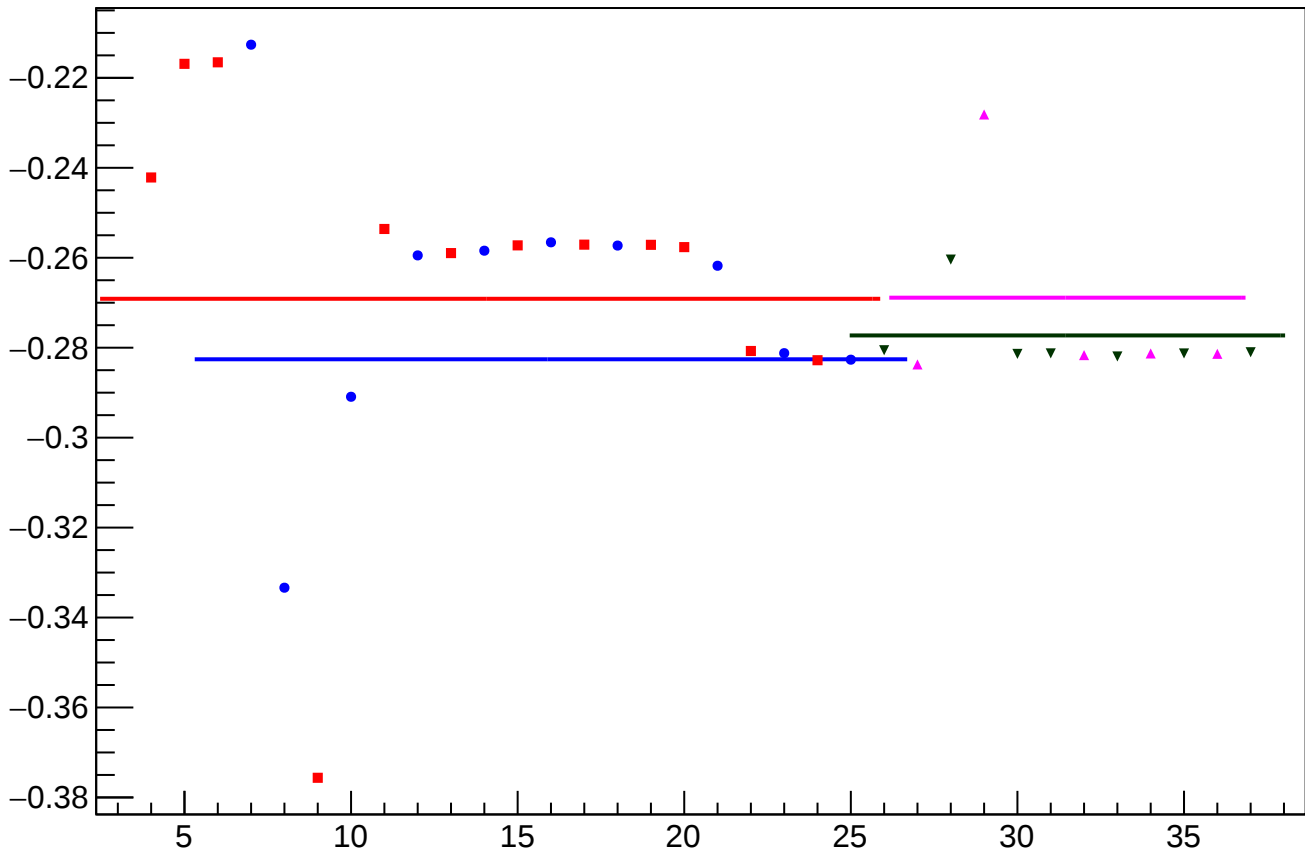
Right Out: 0.005+/-0.000 χ^2/NDF : 1206788.4/11

Left In: 0.005+/-0.000 χ^2/NDF :235934.6/4

0.006+/-0.000 χ^2/NDF : 1266955.7/16

0.005+/-0.000 χ^2/NDF : 1445032.6/16

yield_bpm16Y_mean vs slug



Right In: -0.283+/-0.000 χ^2/NDF : 1067042959.0/9

Left Out: -0.277+/-0.000 χ^2/NDF : 29787693.2/6

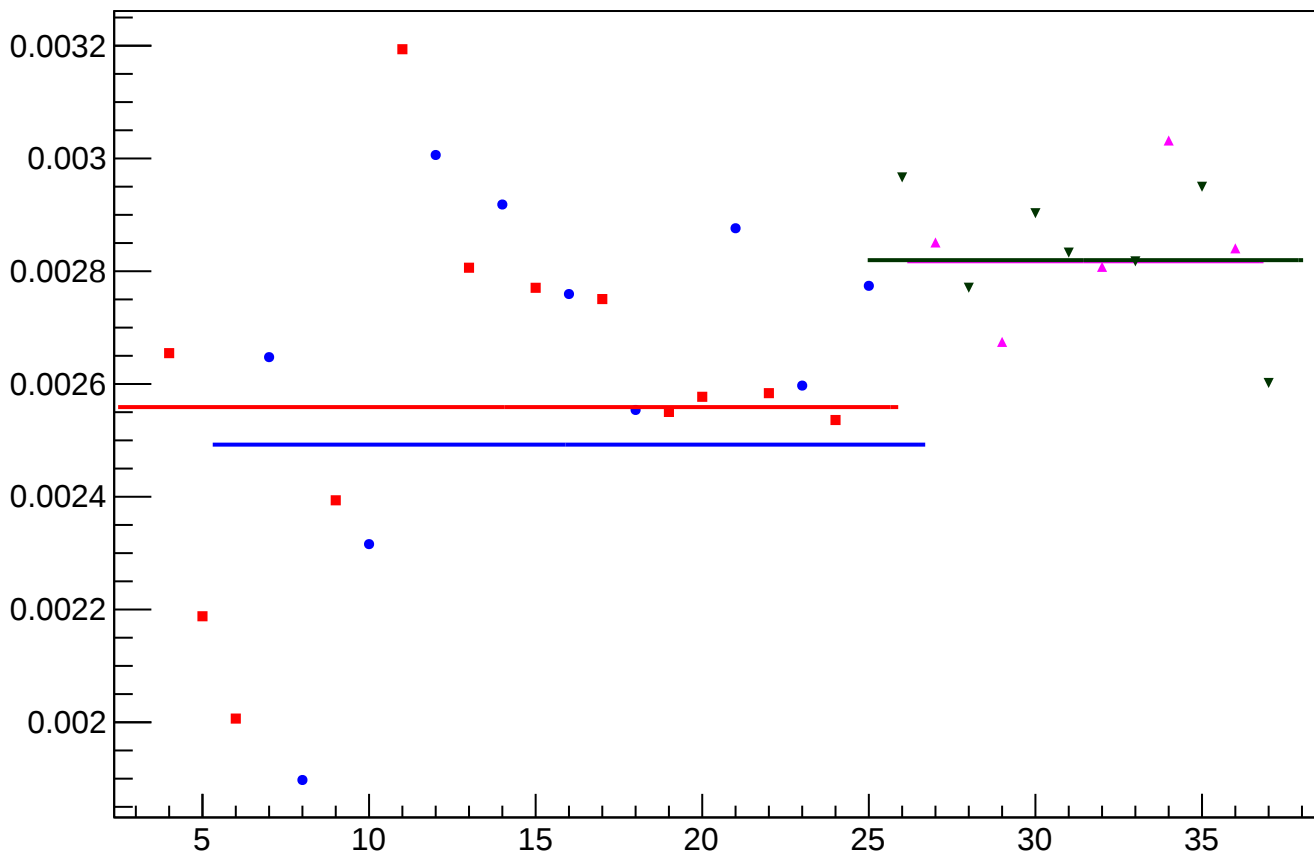
-0.281+/-0.000 χ^2/NDF : 1105418929.4/16

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

-0.269+/-0.000 χ^2/NDF : 2172341800.6/16

Left In: -0.269+/-0.000 χ^2/NDF : 236622142.5/4

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 :13064.4/6

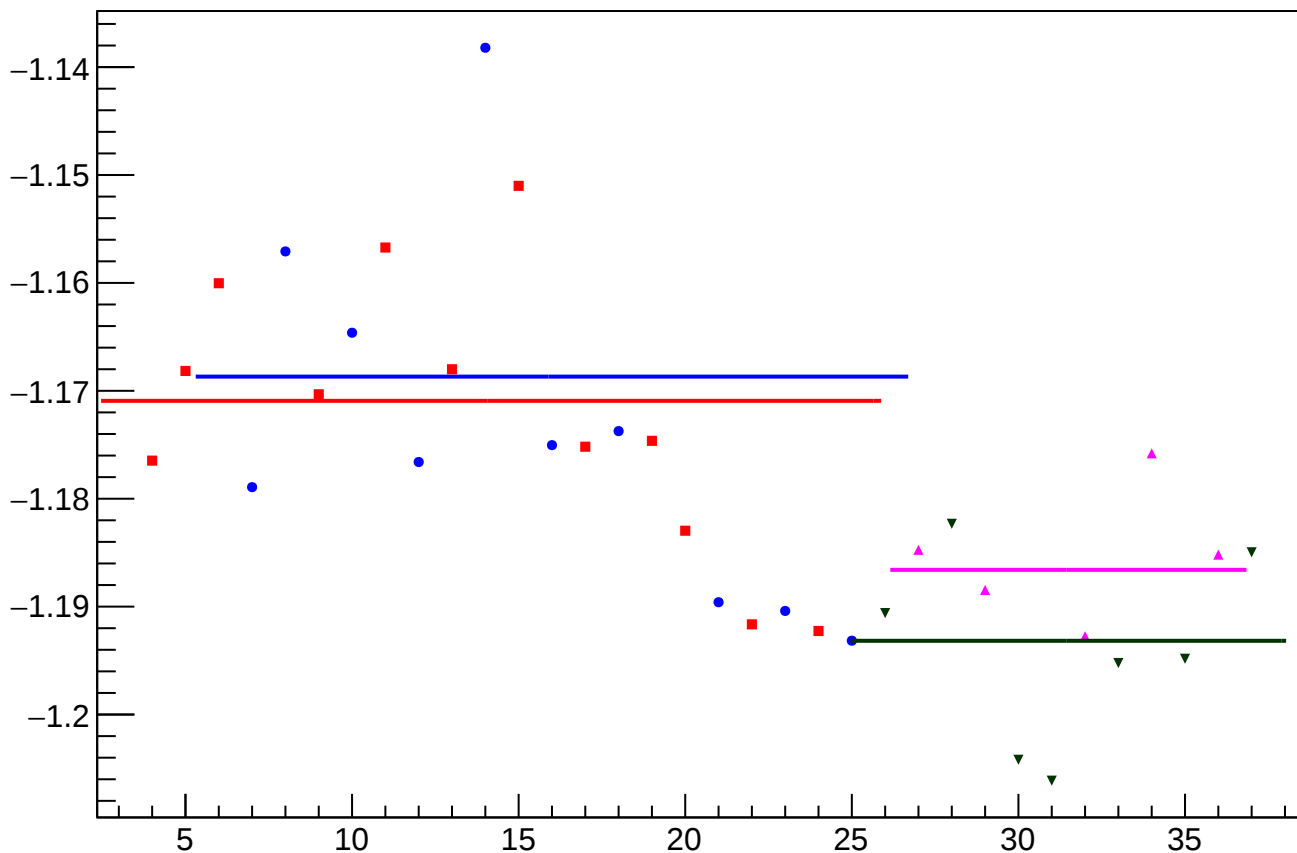
Right Out: 0.003+/-0.000 χ^2/NDF : 176456.4/11

Left In: 0.003+/-0.000 χ^2/NDF :9662.3/4

0.003+/-0.000 χ^2/NDF : 382505.9/16

0.003+/-0.000 χ^2/NDF : 225758.7/16

yield_bpm2i01X_mean vs slug



Right In: -1.169+/-0.000 χ^2/NDF : 35531757.4/9

Left Out: -1.193+/-0.000 χ^2/NDF : 4016345.0/6

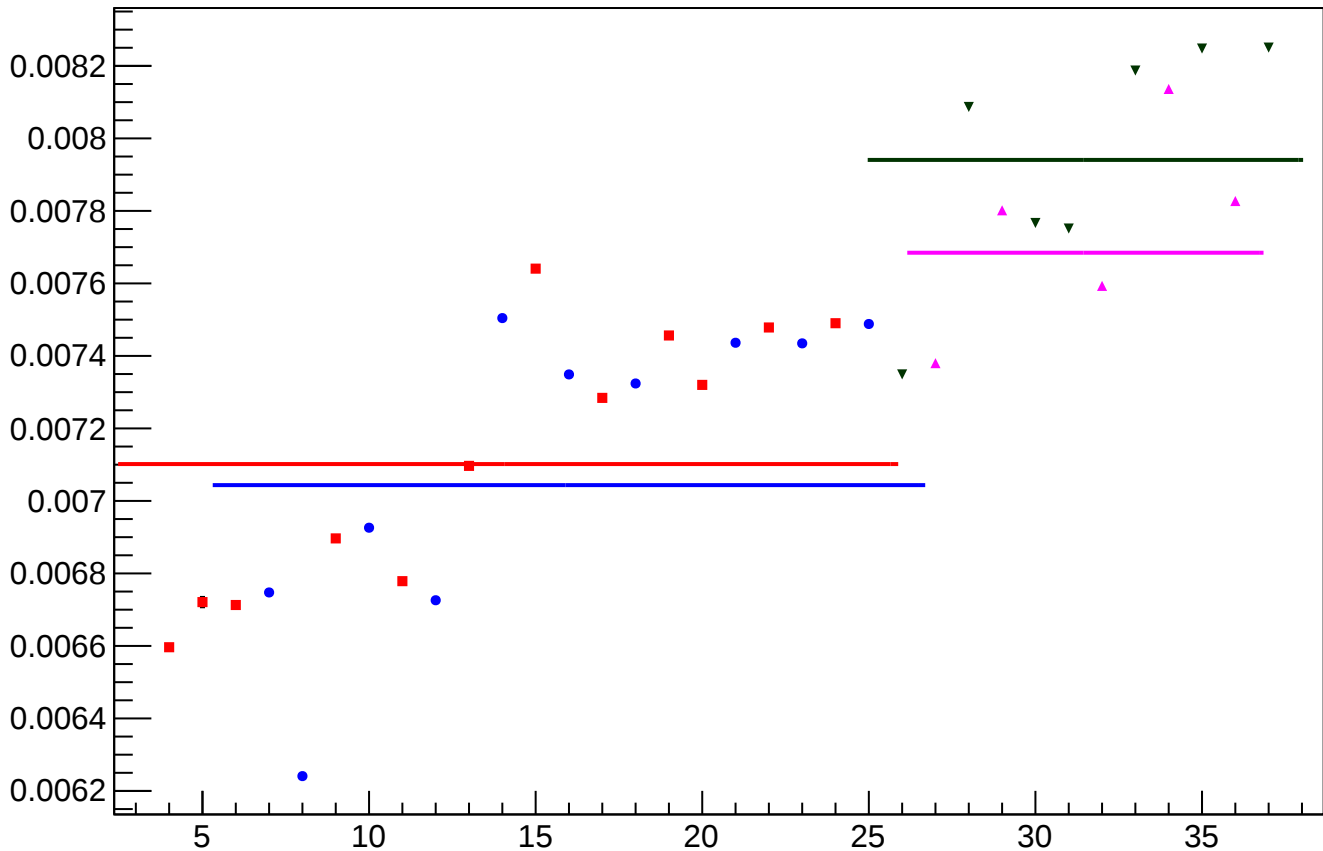
Right Out: -1.171+/-0.000 χ^2/NDF : 18815971.2/11

Left In: -1.187+/-0.000 χ^2/NDF : 1562754.8/4

-1.176+/-0.000 χ^2/NDF : 63421211.2/16

-1.176+/-0.000 χ^2/NDF : 30340729.8/16

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 :11630.8/6

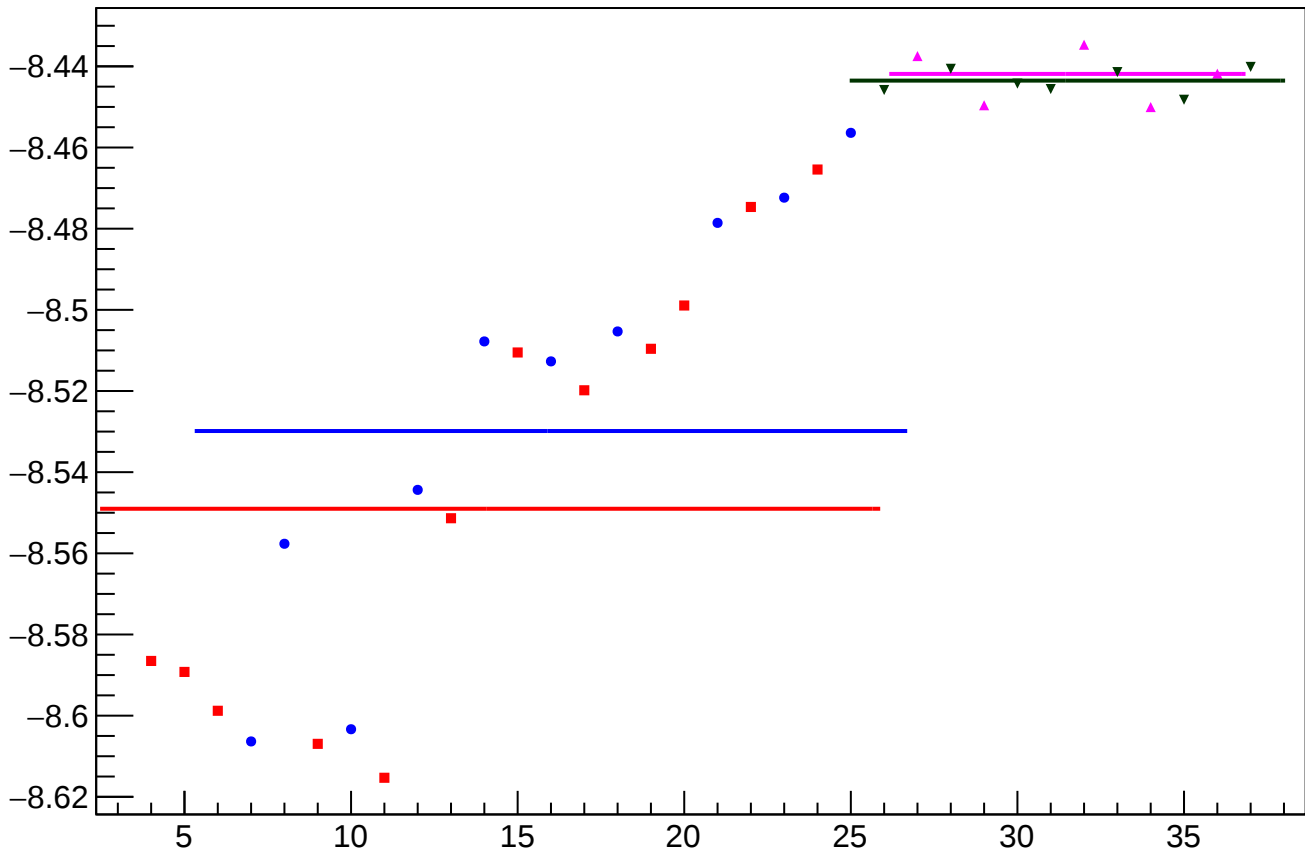
Right Out: 0.007+/-0.000 χ^2/NDF : 27872.8/11

Left In: 0.008+/-0.000 χ^2/NDF :6856.1/4

0.007+/-0.000 χ^2/NDF : 130328.0/16

0.007+/-0.000 χ^2/NDF : 62325.5/16

yield_bpm2i01Y_mean vs slug



Right In: -8.530+/-0.000 χ^2/NDF : 280483187.5/9

Left Out: -8.444+/-0.000 χ^2/NDF : 604123.0/6

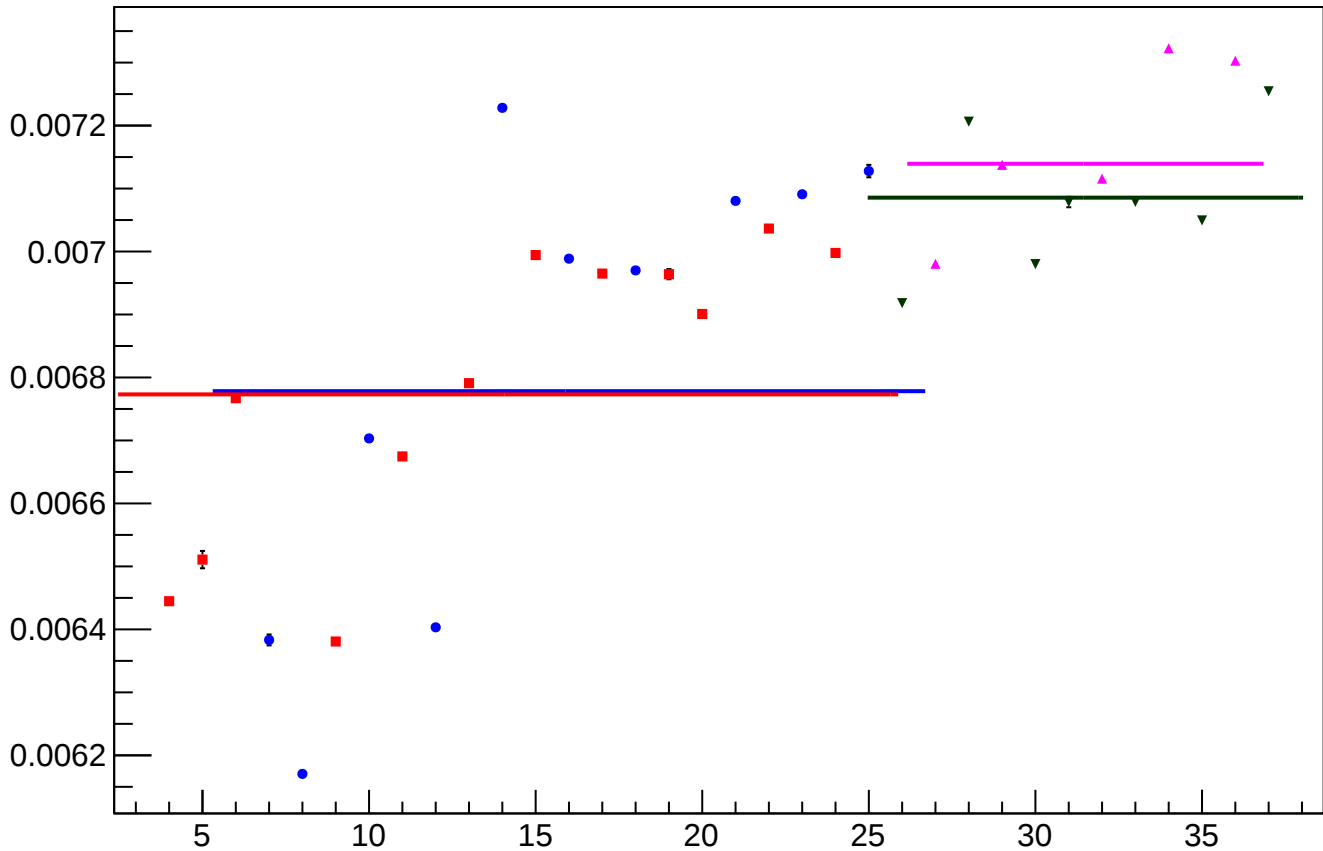
-8.500+/-0.000 χ^2/NDF : 640580674.1/16

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

-8.513+/-0.000 χ^2/NDF : 919051087.9/16

Left In: -8.442+/-0.000 χ^2/NDF : 2870870.4/4

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:1844.2/6

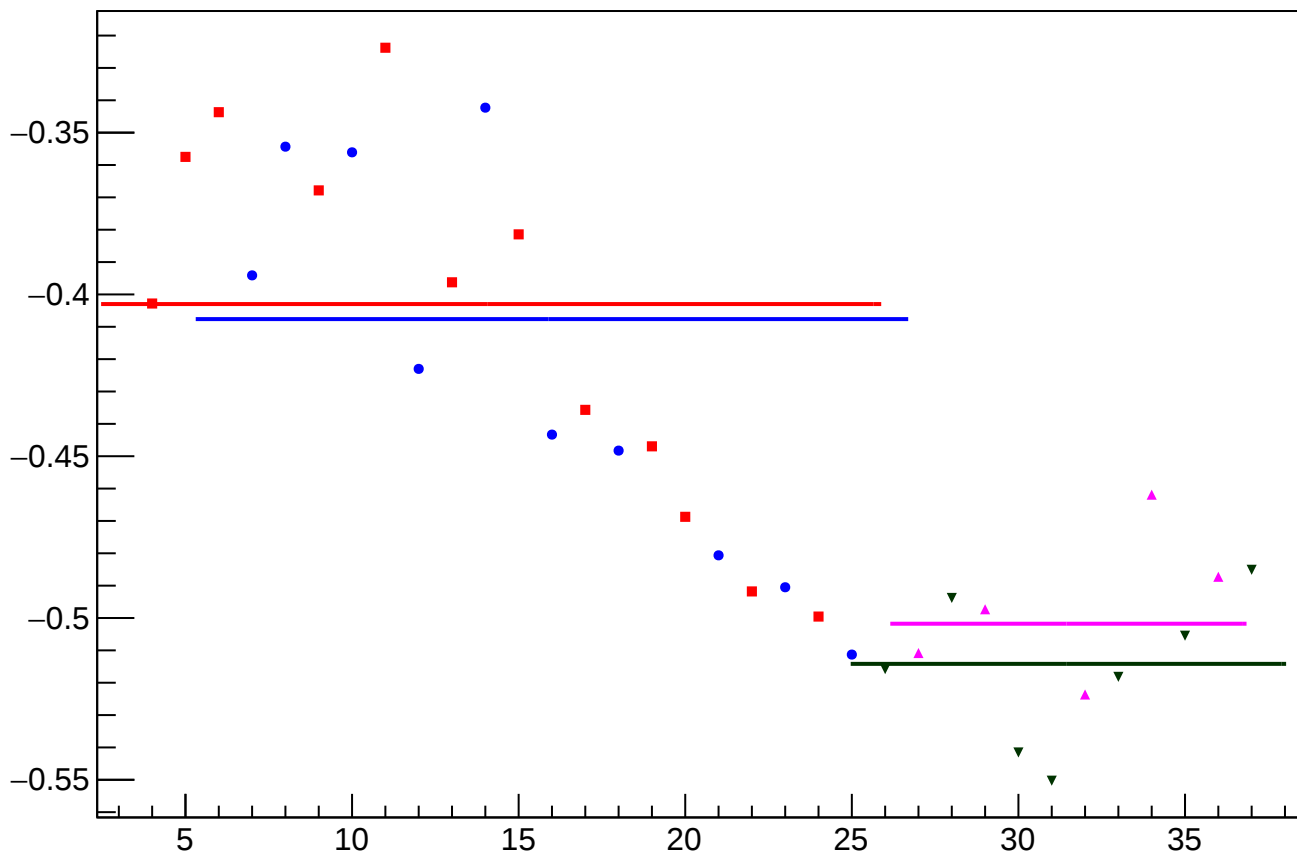
0.007+/-0.000 χ^2 /NDF: 50803.1/16

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

0.007+/-0.000 χ^2 /NDF: 28531.6/16

Left In: 0.007+/-0.000 χ^2 /NDF:2031.5/4

yield_bpm2i02X_mean vs slug



Right In: -0.408 ± 0.000 $\chi^2/\text{NDF}: 64975353.4/9$

Left Out: -0.514 ± 0.000 $\chi^2/\text{NDF}: 4166061.9/6$

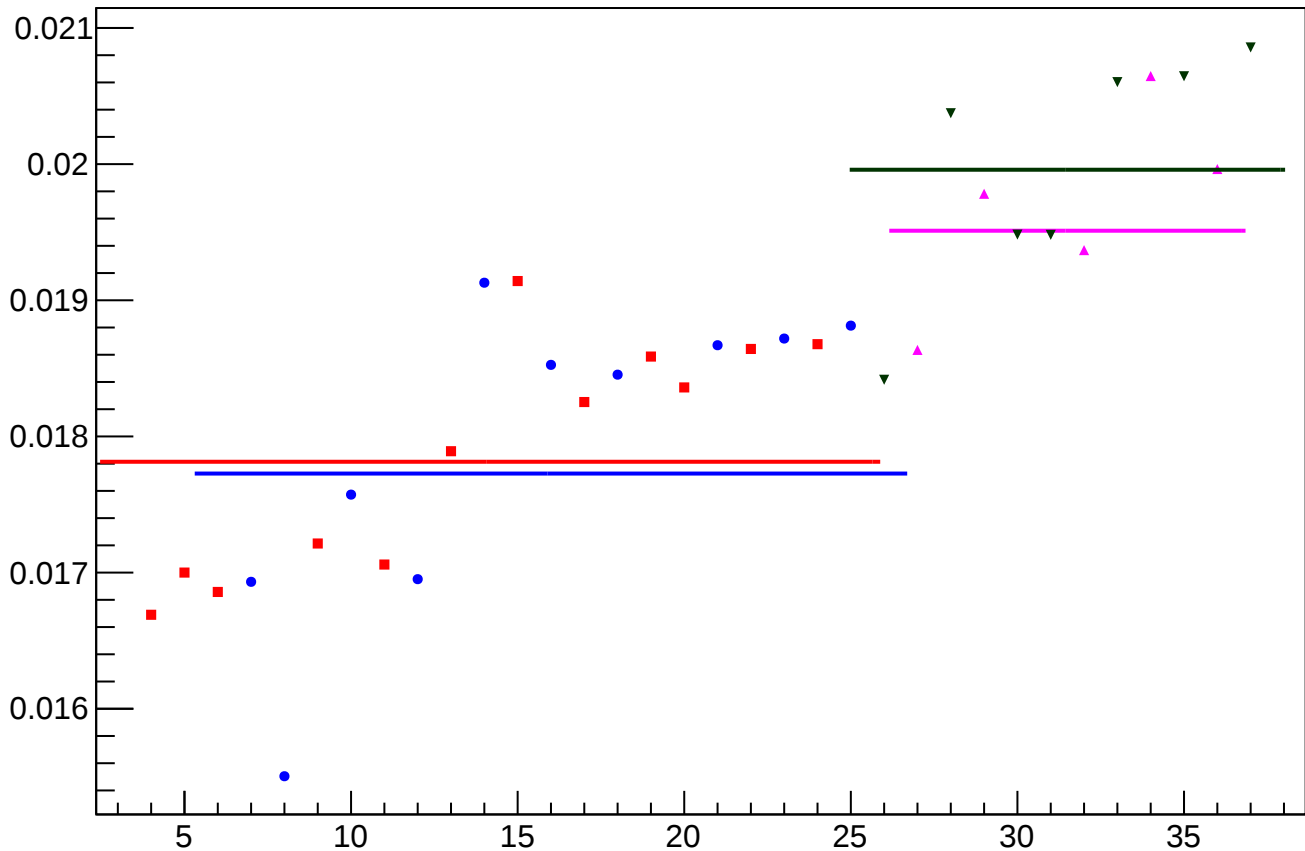
Right Out: -0.403 ± 0.000 $\chi^2/\text{NDF}: 62429358.0/11$

Left In: -0.502 ± 0.000 $\chi^2/\text{NDF}: 3469747.8/4$

-0.441 ± 0.000 $\chi^2/\text{NDF}: 140750583.7/16$

-0.434 ± 0.000 $\chi^2/\text{NDF}: 127922170.5/16$

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 64790.3/9

Left Out: 0.020+/-0.000 χ^2/NDF :12656.5/6

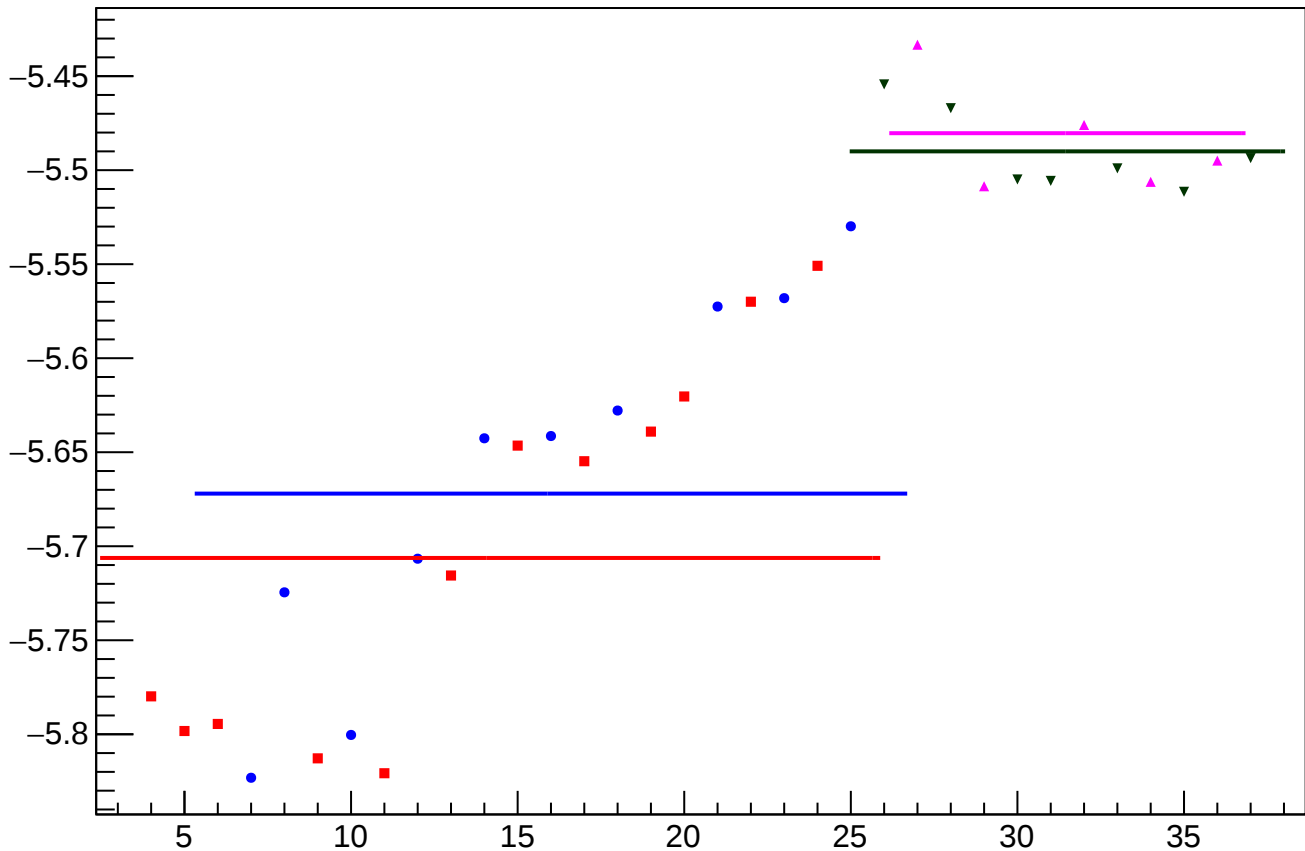
Right Out: 0.018+/-0.000 χ^2/NDF : 24742.8/11

Left In: 0.020+/-0.000 χ^2/NDF :7614.3/4

0.018+/-0.000 χ^2/NDF : 140262.2/16

0.018+/-0.000 χ^2/NDF : 68953.3/16

yield_bpm2i02Y_mean vs slug



Right In: -5.672+/-0.000 χ^2/NDF : 307961378.2/9

Left Out: -5.490+/-0.000 χ^2/NDF : 10474728.9/6

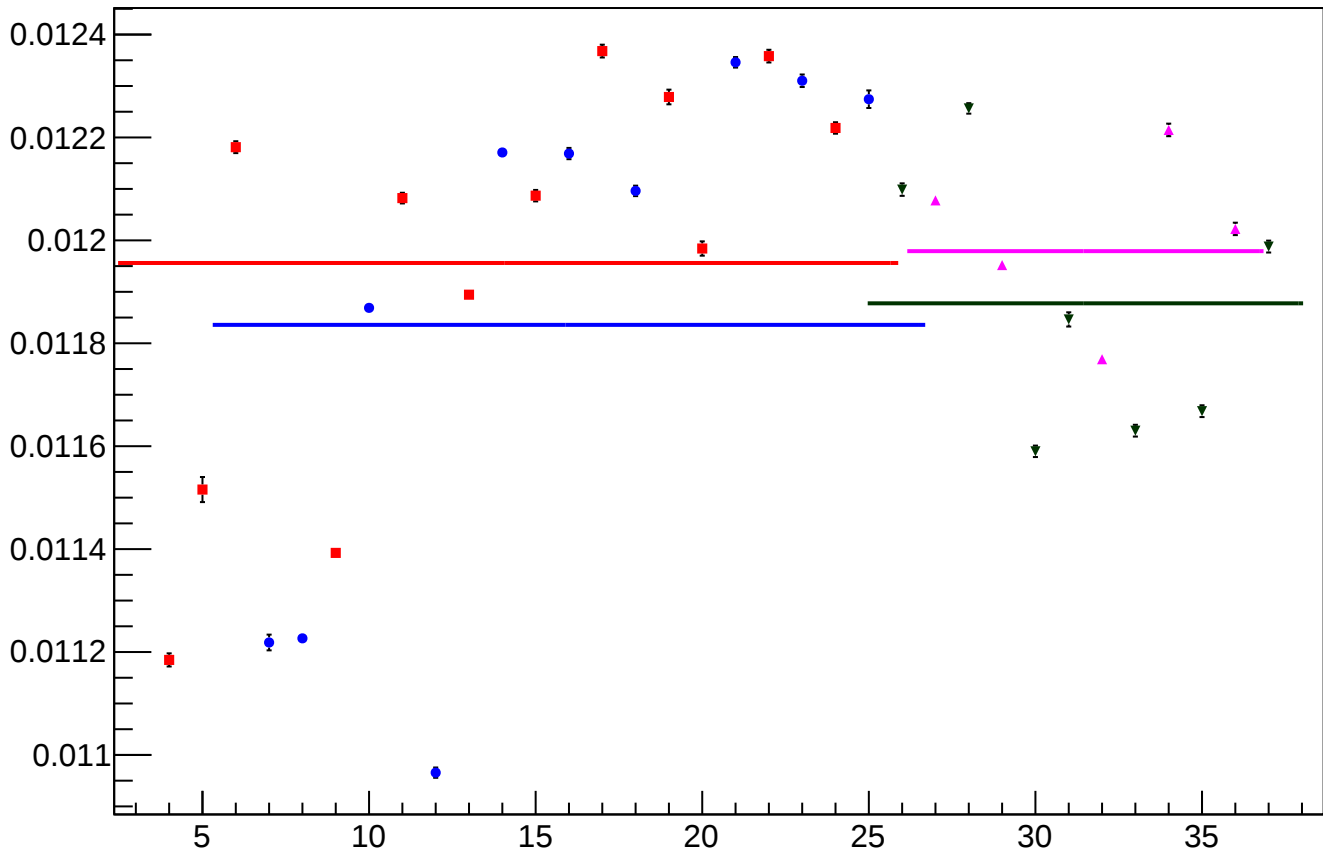
-5.606+/-0.000 χ^2/NDF : 870318668.9/16

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

-5.625+/-0.000 χ^2/NDF : 1231300110.1/16

Left In: -5.480+/-0.000 χ^2/NDF : 20808512.6/4

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 :3270.0/6

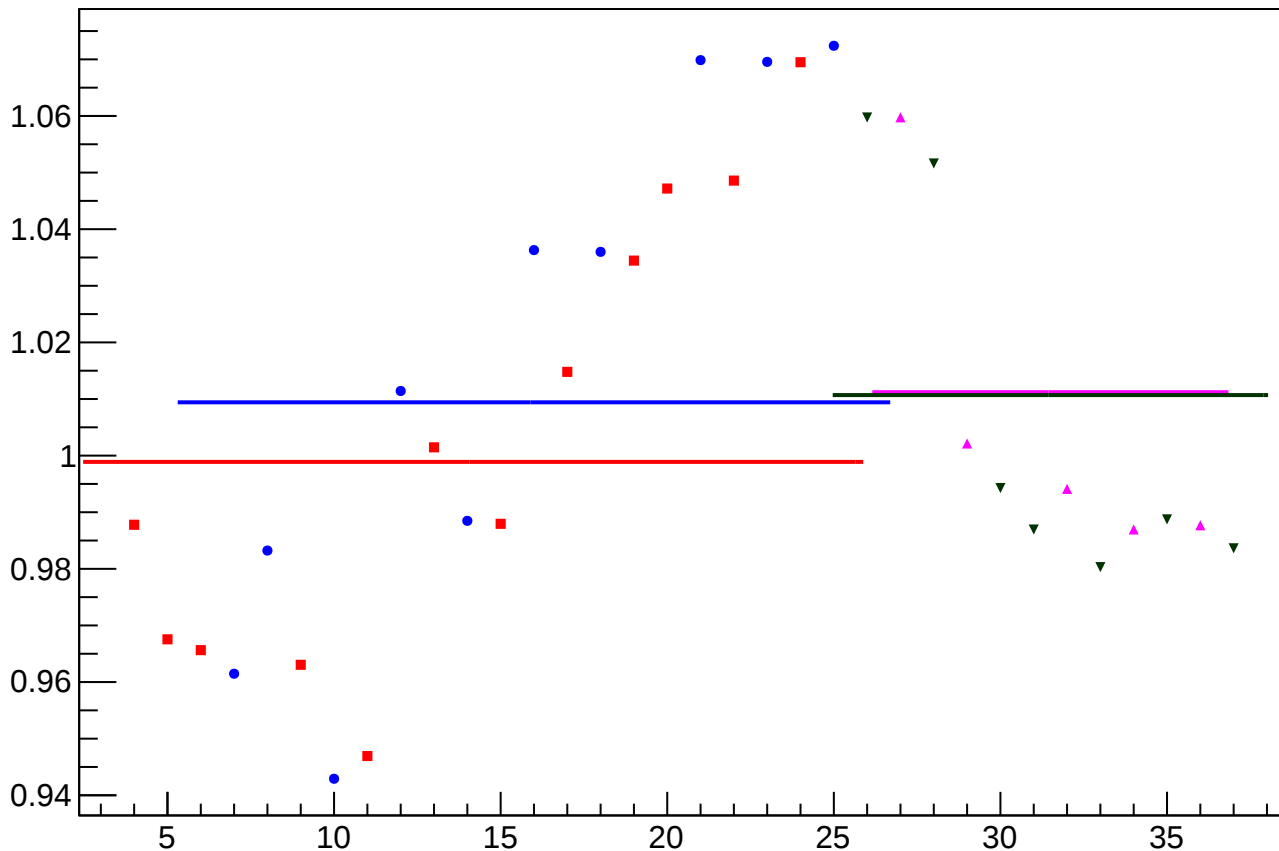
Right Out: 0.012+/-0.000 χ^2/NDF : 11709.7/11

Left In: 0.012+/-0.000 χ^2/NDF :1076.8/4

0.012+/-0.000 χ^2/NDF : 25595.9/16

0.012+/-0.000 χ^2/NDF : 12803.5/16

yield_bpm1i04X_mean vs slug



Right In: 1.009+/-0.000 χ^2/NDF : 182212338.7/9

Left Out: 1.011+/-0.000 χ^2/NDF : 73709211.7/6

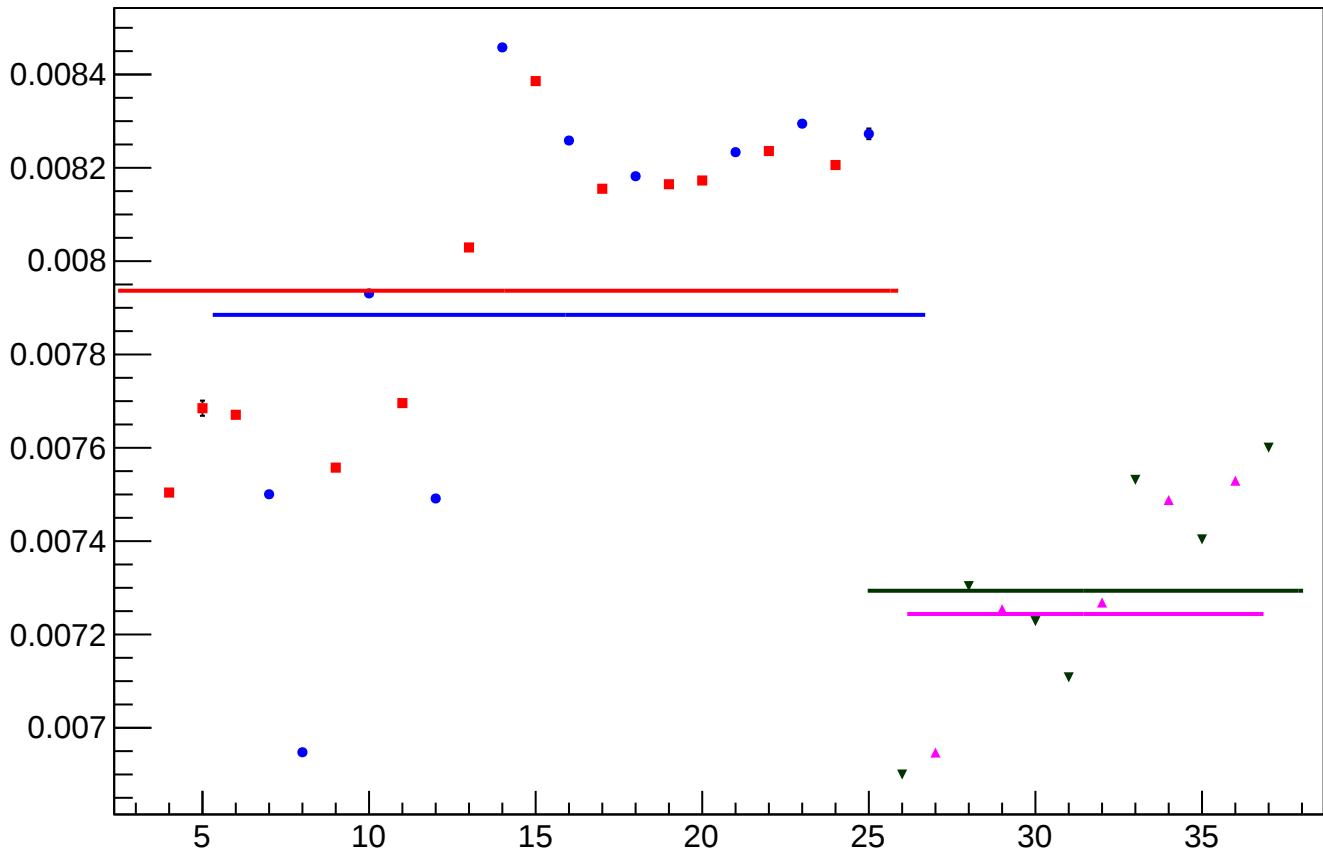
1.010+/-0.000 χ^2/NDF : 255989003.3/16

Right Out: 0.999+/-0.000 χ^2/NDF : 147584109.7/11

1.004+/-0.000 χ^2/NDF : 210837263.3/16

Left In: 1.011+/-0.000 χ^2/NDF : 57127611.9/4

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 : 6732.4/6

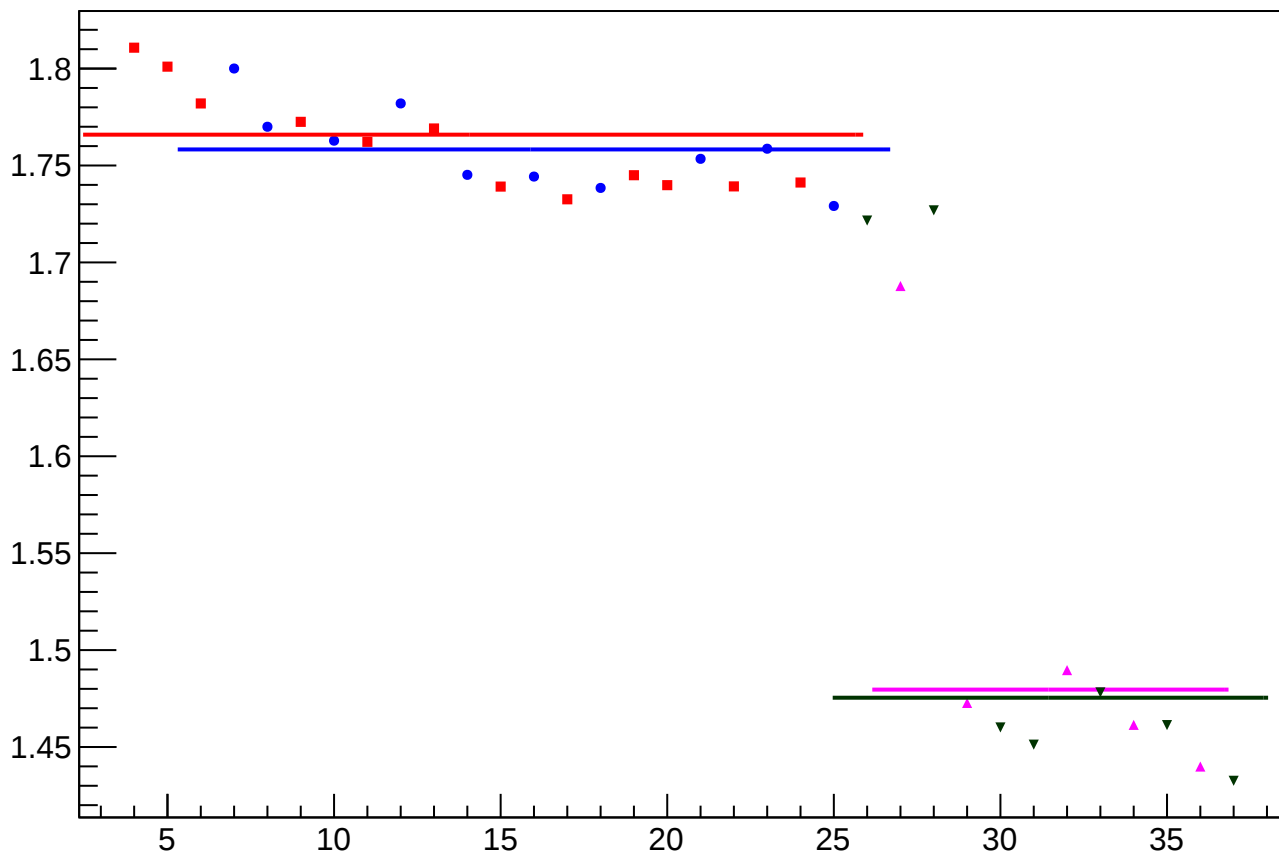
0.008+/-0.000 χ^2/NDF : 93441.9/16

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

0.008+/-0.000 χ^2/NDF : 61782.8/16

Left In: 0.007+/-0.000 χ^2/NDF : 5537.4/4

yield_bpm1i04Y_mean vs slug



Right In: 1.758 ± 0.000 χ^2/NDF : 25411176.0/9

Left Out: 1.475 ± 0.000 χ^2/NDF : 514763422.3/6

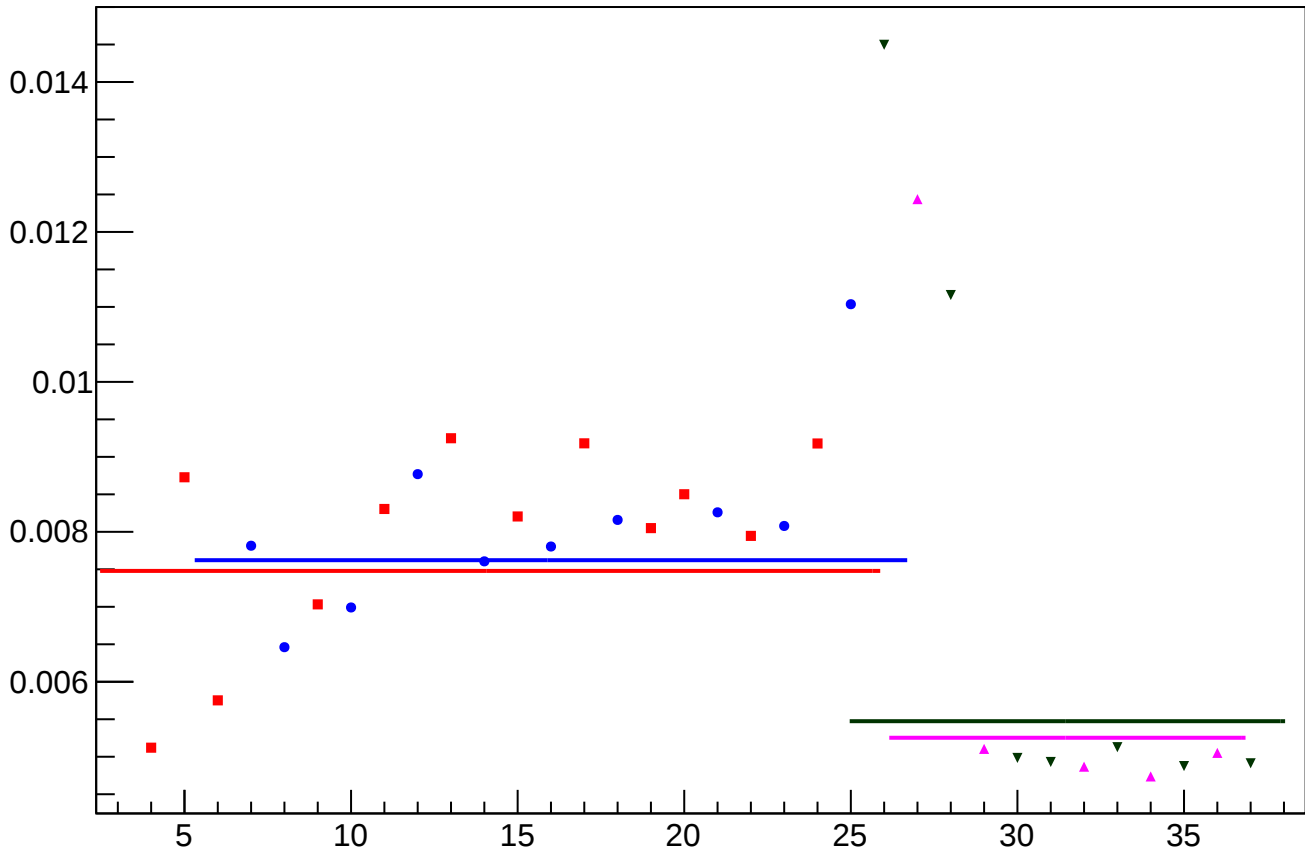
Right Out: 1.766 ± 0.000 χ^2/NDF : 62233931.0/11

Left In: 1.480 ± 0.000 χ^2/NDF : 243337774.8/4

1.617 ± 0.000 χ^2/NDF : 4690801264.8/16

1.618 ± 0.000 χ^2/NDF : 4737445541.1/16

yield_bpm1i04Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 152458.9/9

Left Out: 0.005+/-0.000 χ^2/NDF : 747422.6/6

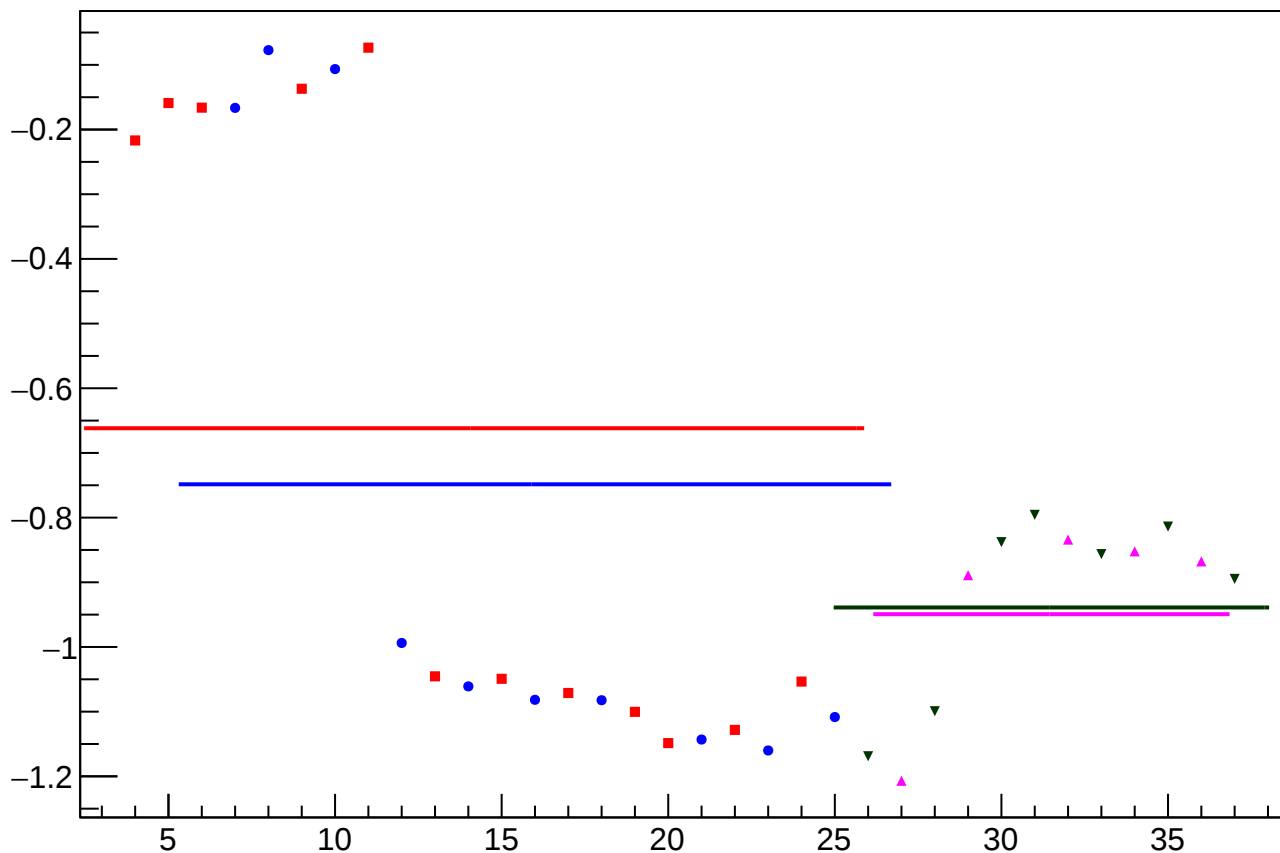
0.007+/-0.000 χ^2/NDF : 1378390.3/16

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

0.006+/-0.000 χ^2/NDF : 1478589.9/16

Left In: 0.005+/-0.000 χ^2/NDF : 505878.4/4

yield_bpm0l01X_mean vs slug



Right In: -0.748+/-0.000 χ^2/NDF : 17438936914.1/9

Left Out: -0.939+/-0.000 χ^2/NDF : 933381398.6/6

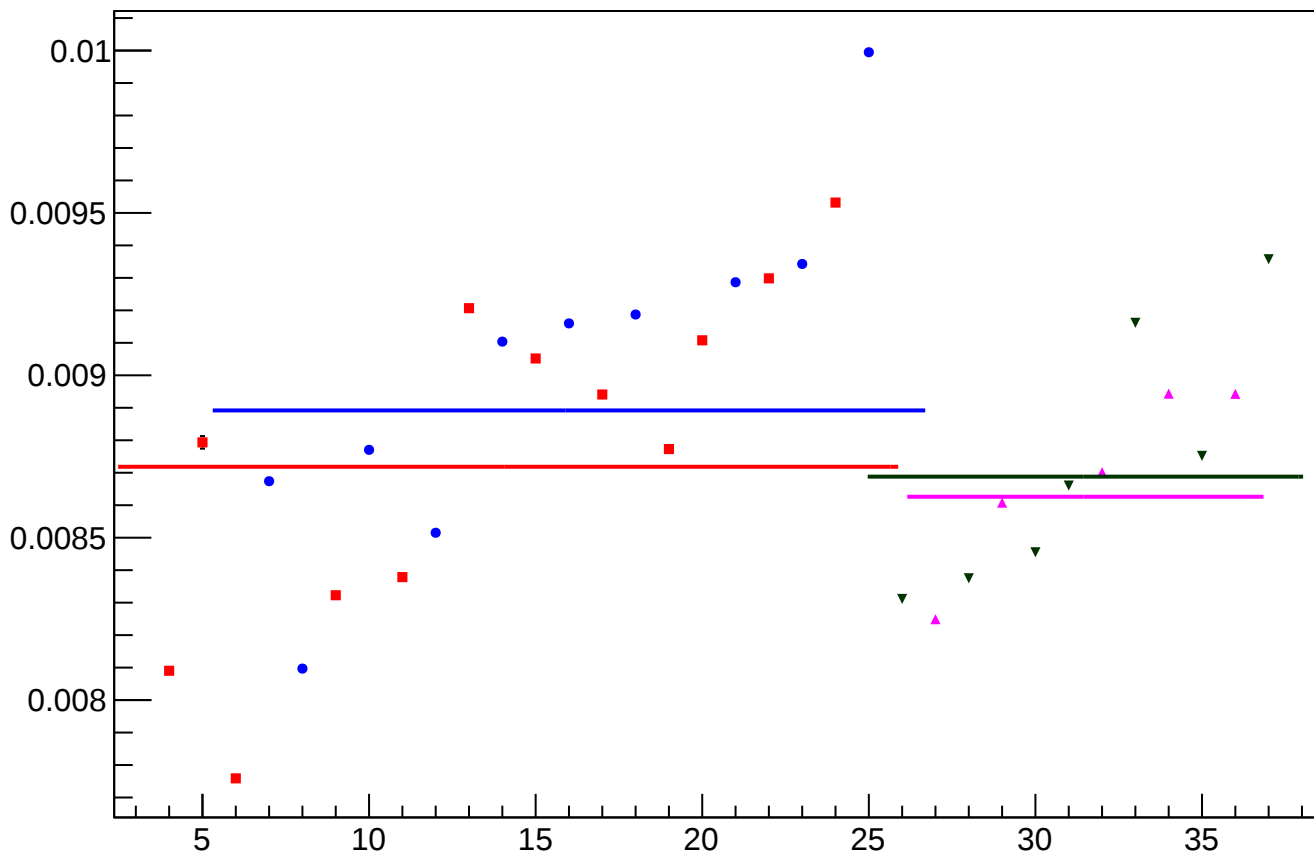
Right Out: -0.662+/-0.000 χ^2/NDF : 17756149128.0/11

Left In: -0.949+/-0.000 χ^2/NDF : 1099556225.1/4

-0.819+/-0.000 χ^2/NDF : 19445150521.7/16

-0.767+/-0.000 χ^2/NDF : 21331248639.2/16

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 34334.5/9

Left Out: 0.009+/-0.000 χ^2/NDF :12725.8/6

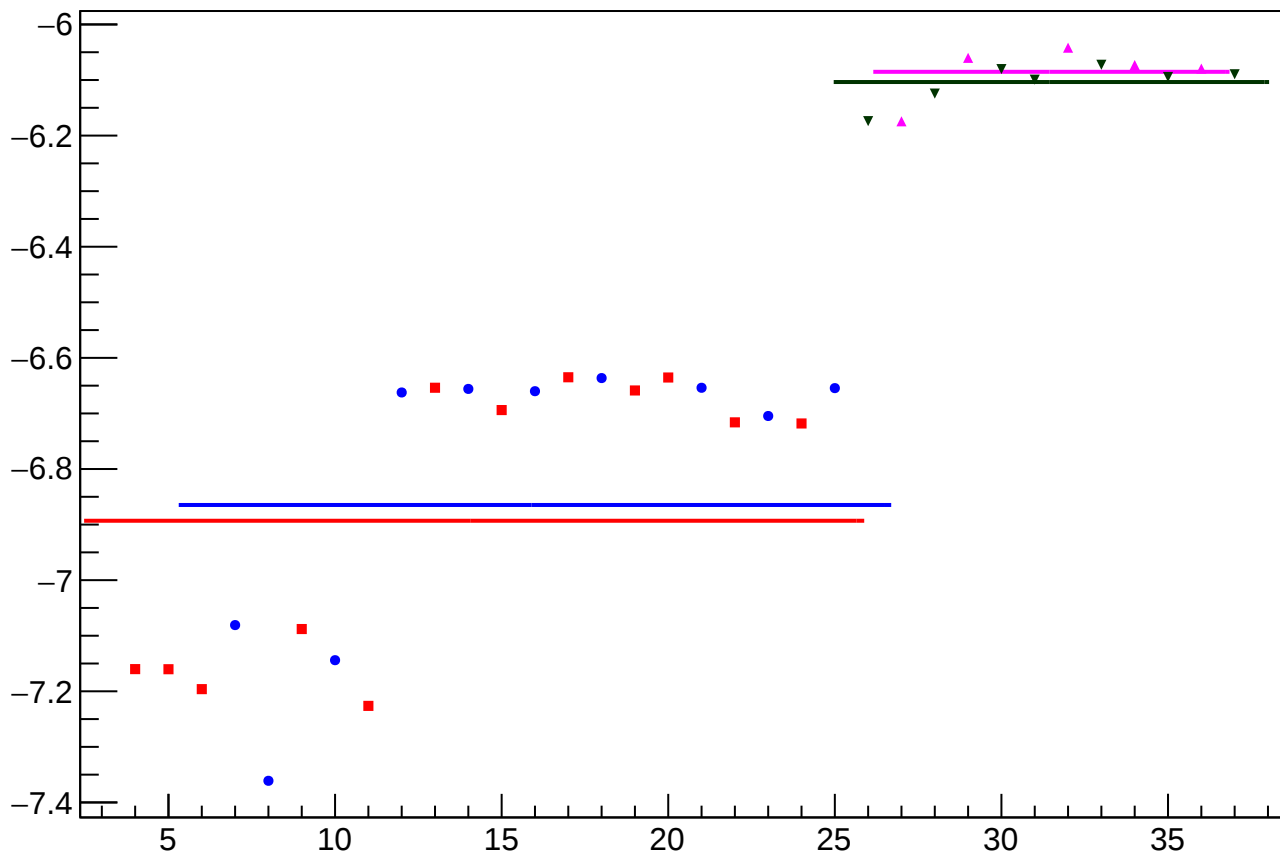
Right Out: 0.009+/-0.000 χ^2/NDF : 47651.1/11

Left In: 0.009+/-0.000 χ^2/NDF :6056.3/4

0.009+/-0.000 χ^2/NDF : 49519.0/16

0.009+/-0.000 χ^2/NDF : 54217.8/16

yield_bpm0l01Y_mean vs slug



Right In: -6.865+/-0.000 χ^2/NDF : 6618589018.0/9

Left Out: -6.104+/-0.000 χ^2/NDF : 36372676.9/6

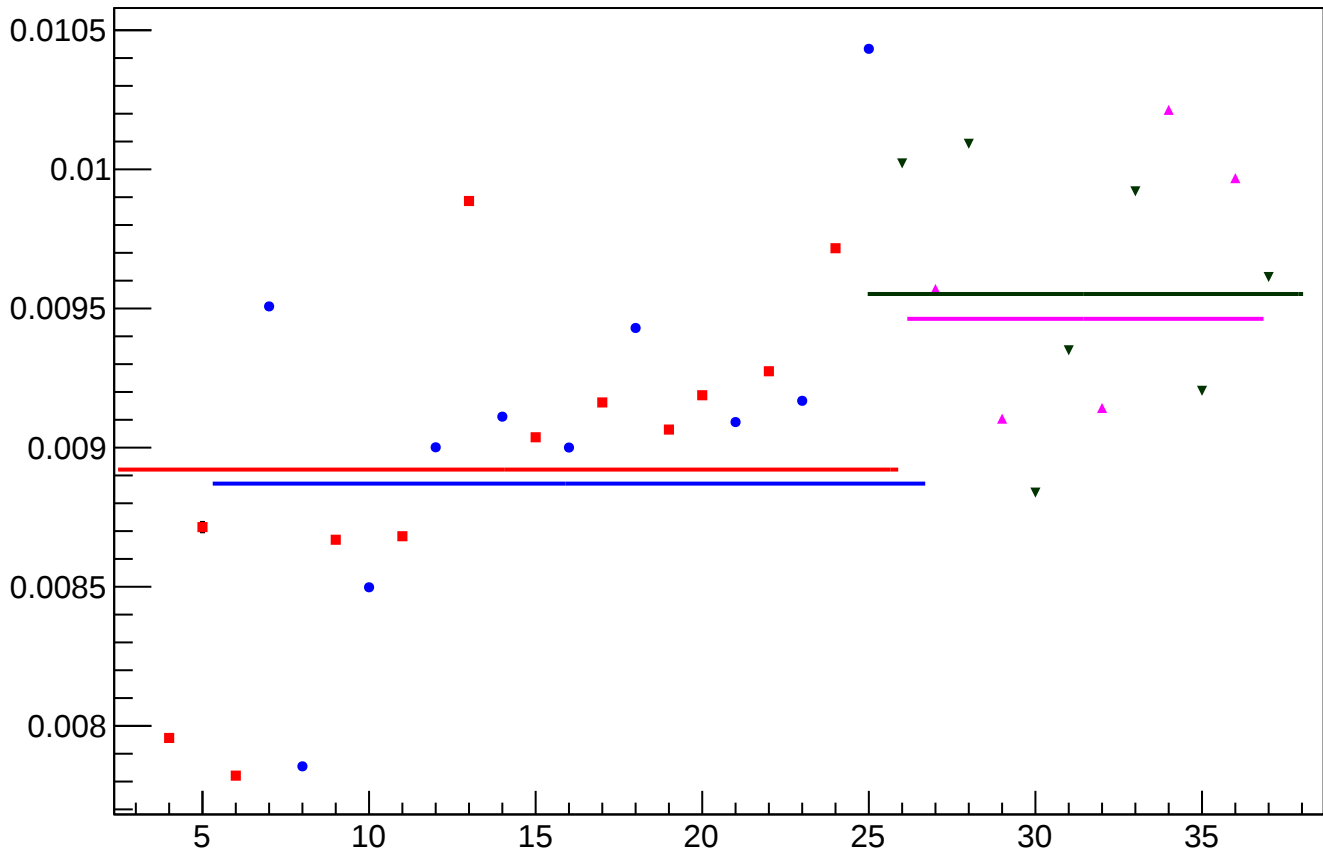
Right Out: -6.893+/-0.000 χ^2/NDF : 4705739160.1/11

Left In: -6.085+/-0.000 χ^2/NDF : 96999608.8/4

-6.617+/-0.000 χ^2/NDF : 21612957198.3/16

-6.622+/-0.000 χ^2/NDF : 21602281640.1/16

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 :15759.7/6

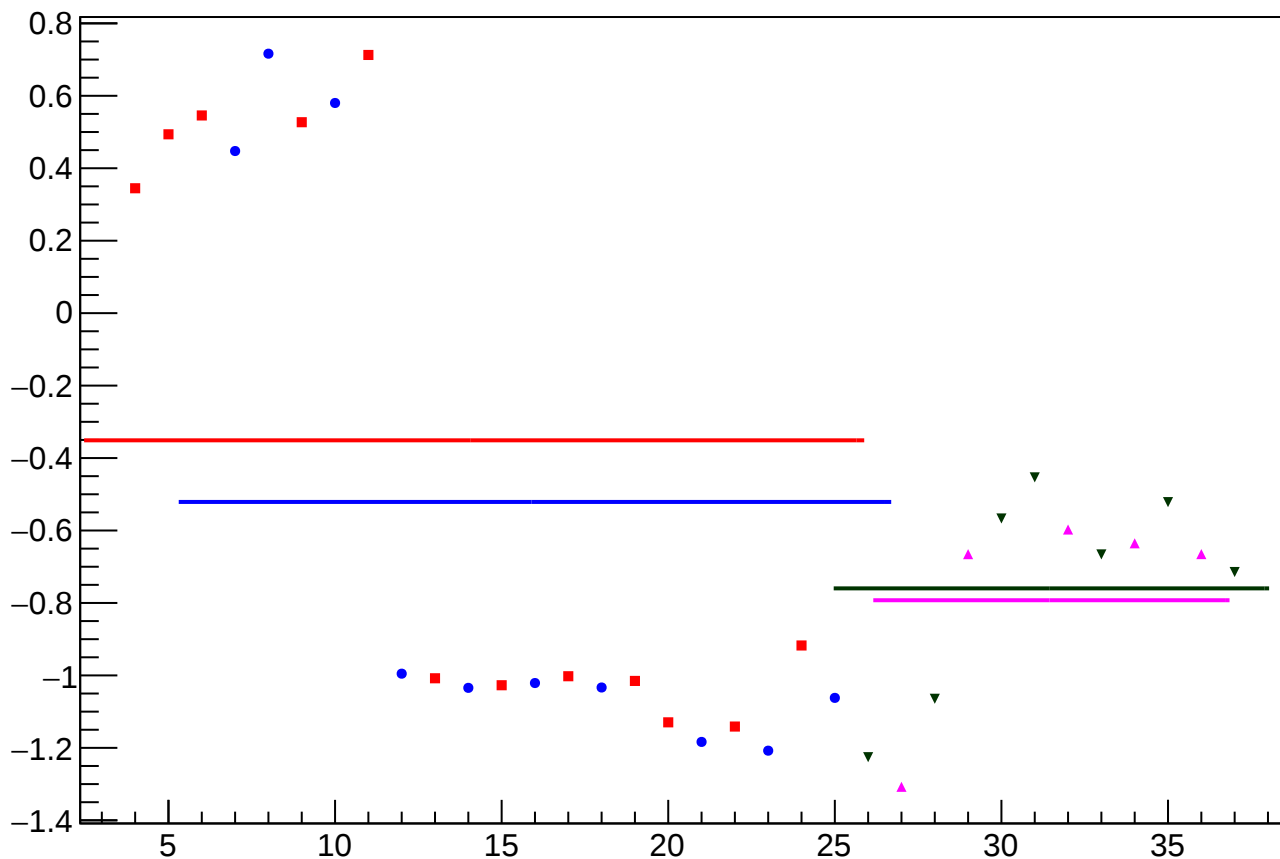
Right Out: 0.009+/-0.000 χ^2/NDF : 61199.2/11

Left In: 0.009+/-0.000 χ^2/NDF :12670.1/4

0.009+/-0.000 χ^2/NDF : 93685.6/16

0.009+/-0.000 χ^2/NDF : 88977.1/16

yield_bpm0l02X_mean vs slug



Right In: -0.521+/-0.000 χ^2/NDF : 9220973673.4/9

Left Out: -0.760+/-0.000 χ^2/NDF : 811922182.3/6

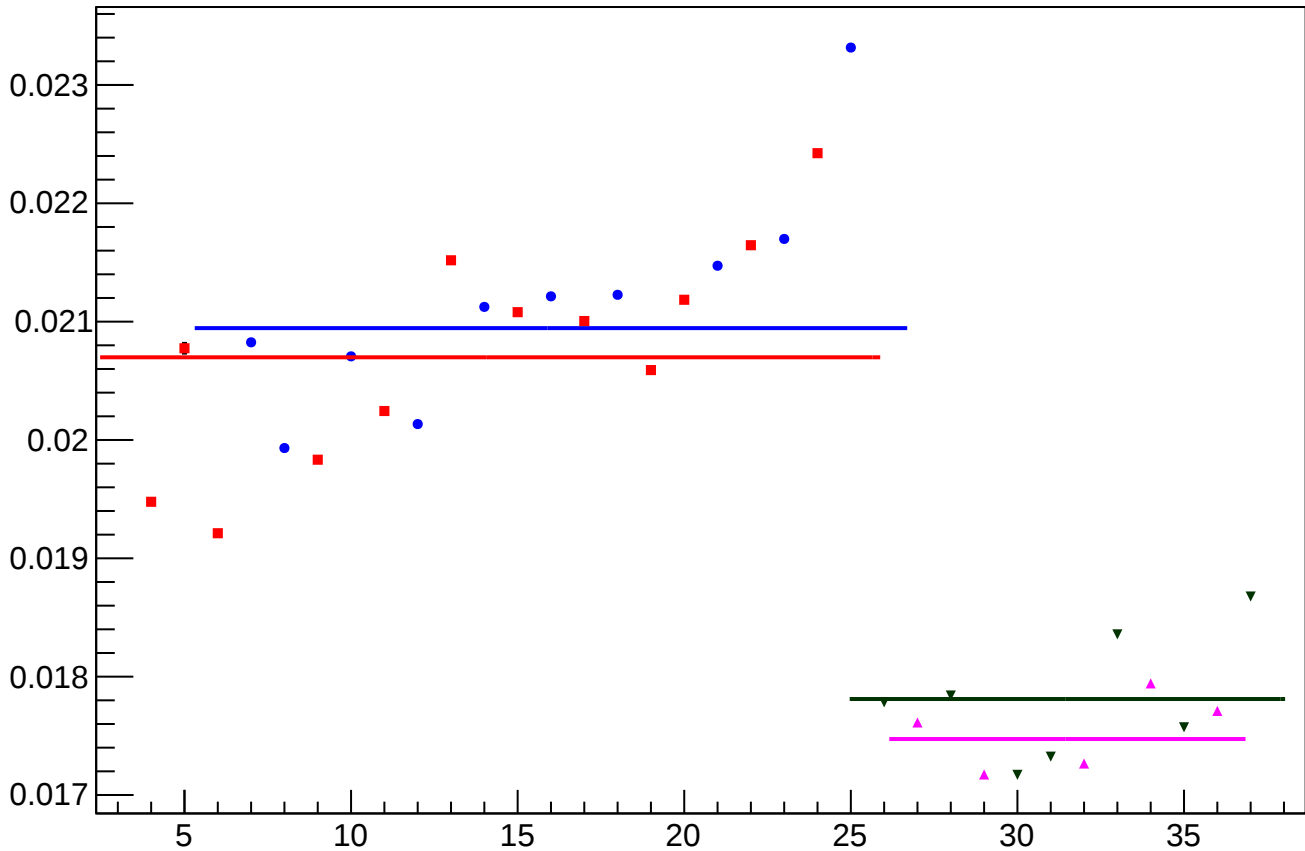
Right Out: -0.351+/-0.000 χ^2/NDF : 8987357685.6/11

Left In: -0.792+/-0.000 χ^2/NDF : 933299131.6/4

-0.626+/-0.000 χ^2/NDF : 10393383997.6/16

-0.547+/-0.000 χ^2/NDF : 11178144751.1/16

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 : 5440.3/6

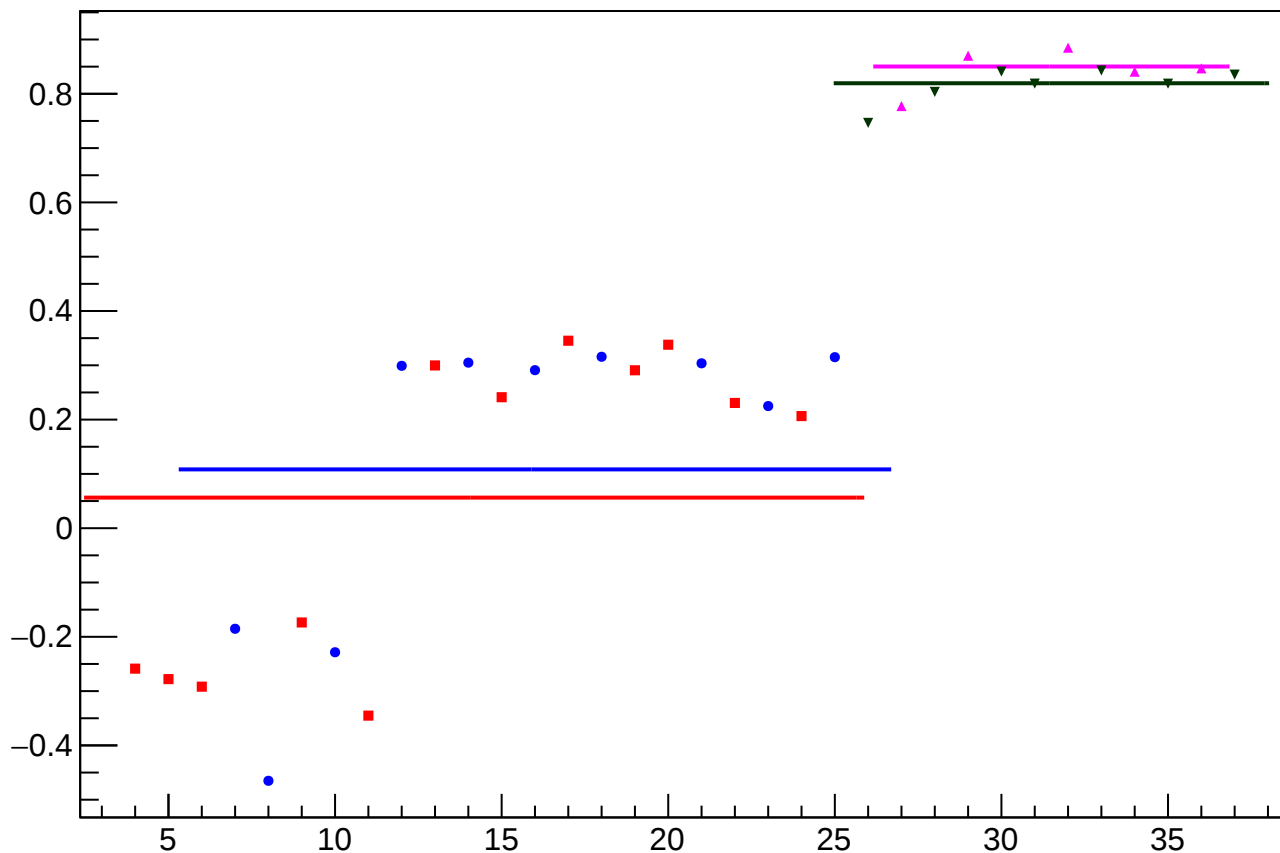
0.020+/-0.000 χ^2/NDF : 144403.8/16

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

0.019+/-0.000 χ^2/NDF : 161542.6/16

Left In: 0.017+/-0.000 χ^2/NDF : 1725.8/4

yield_bpm0l02Y_mean vs slug



Right In: 0.108+/-0.000 χ^2/NDF : 3631955649.9/9

Left Out: 0.819+/-0.000 χ^2/NDF : 19662650.2/6

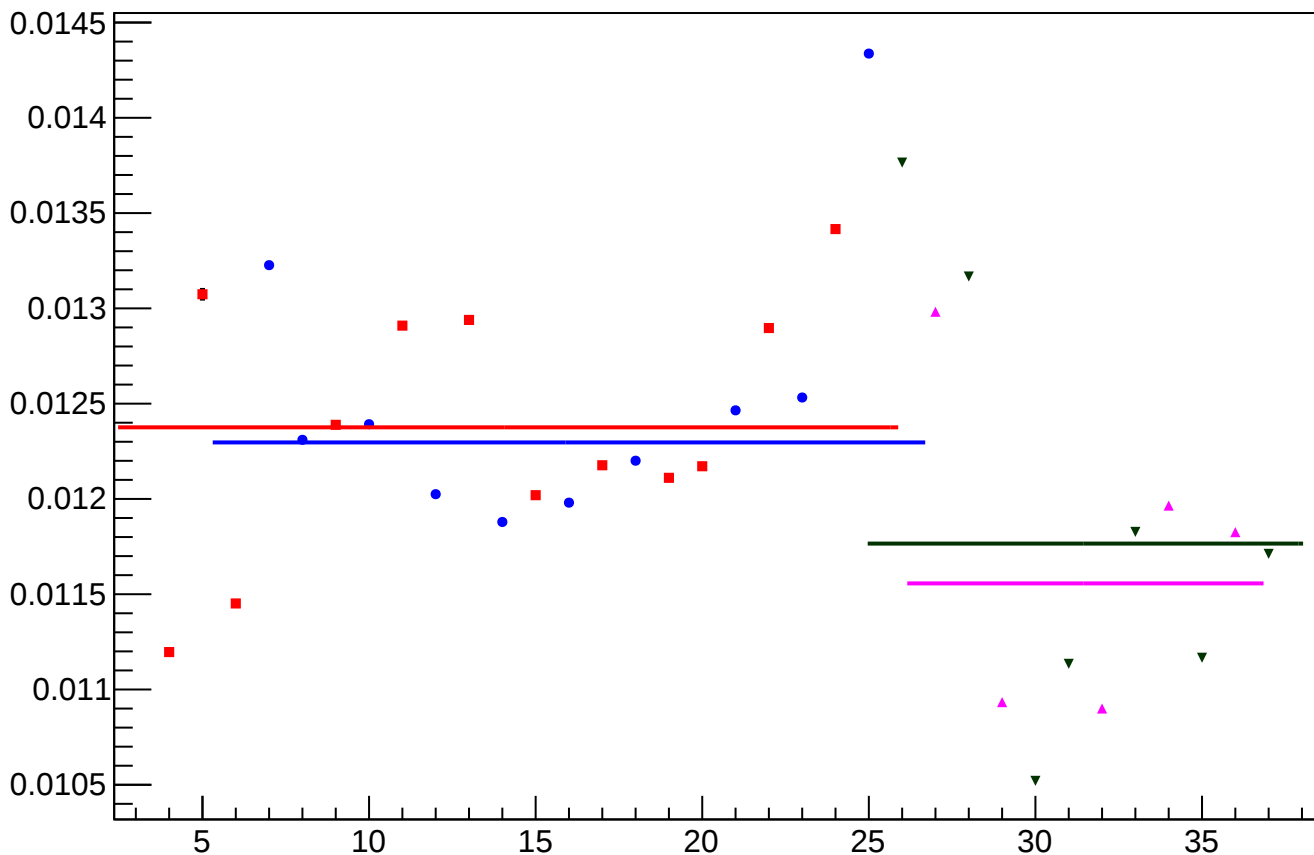
Right Out: 0.056+/-0.000 χ^2/NDF : 2963825797.0/11

Left In: 0.850+/-0.000 χ^2/NDF : 37522233.9/4

0.379+/-0.000 χ^2/NDF : 11635932834.2/16

0.370+/-0.000 χ^2/NDF : 12966248087.2/16

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 :55169.3/6

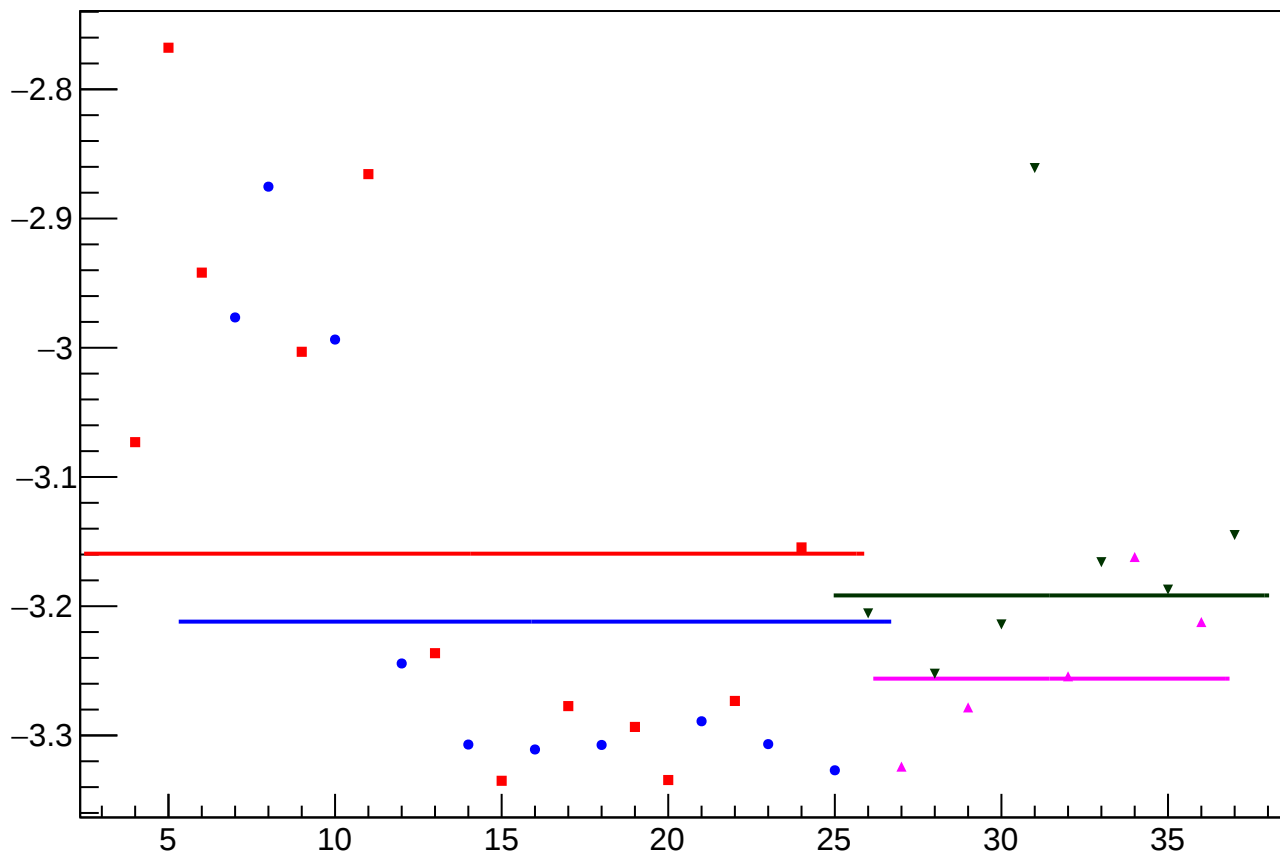
Right Out: 0.012+/-0.000 χ^2/NDF : 31560.7/11

Left In: 0.012+/-0.000 χ^2/NDF :32997.5/4

0.012+/-0.000 χ^2/NDF : 81348.9/16

0.012+/-0.000 χ^2/NDF : 85766.5/16

yield_bpm0l03X_mean vs slug



Right In: -3.212+/-0.000 χ^2/NDF : 2232010531.1/9

Left Out: -3.192+/-0.000 χ^2/NDF : 237408335.7/6

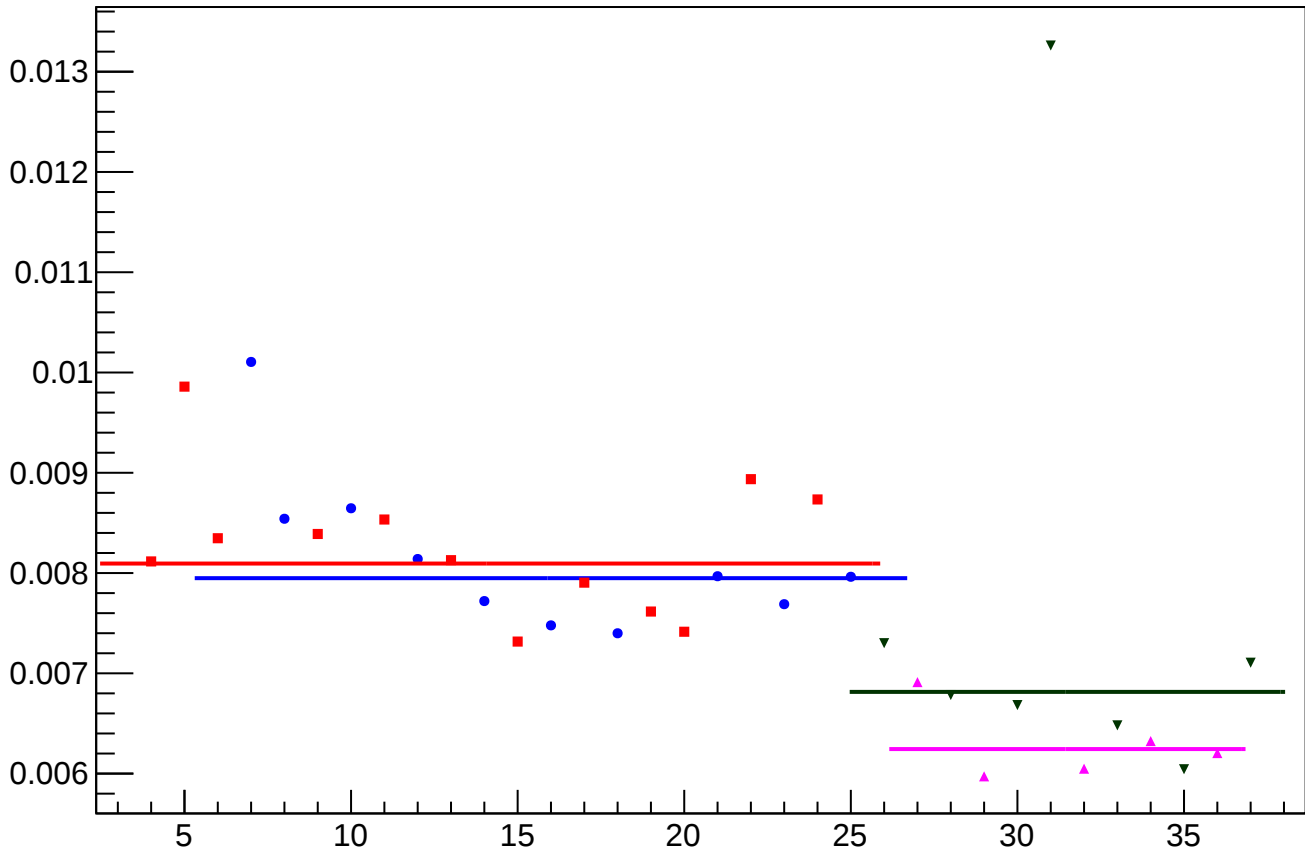
Right Out: -3.159+/-0.000 χ^2/NDF : 2193027591.1/11

Left In: -3.256+/-0.000 χ^2/NDF : 199339744.6/4

-3.204+/-0.000 χ^2/NDF : 2484183838.4/16

-3.209+/-0.000 χ^2/NDF : 2772197292.4/16

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 :147275.2/6

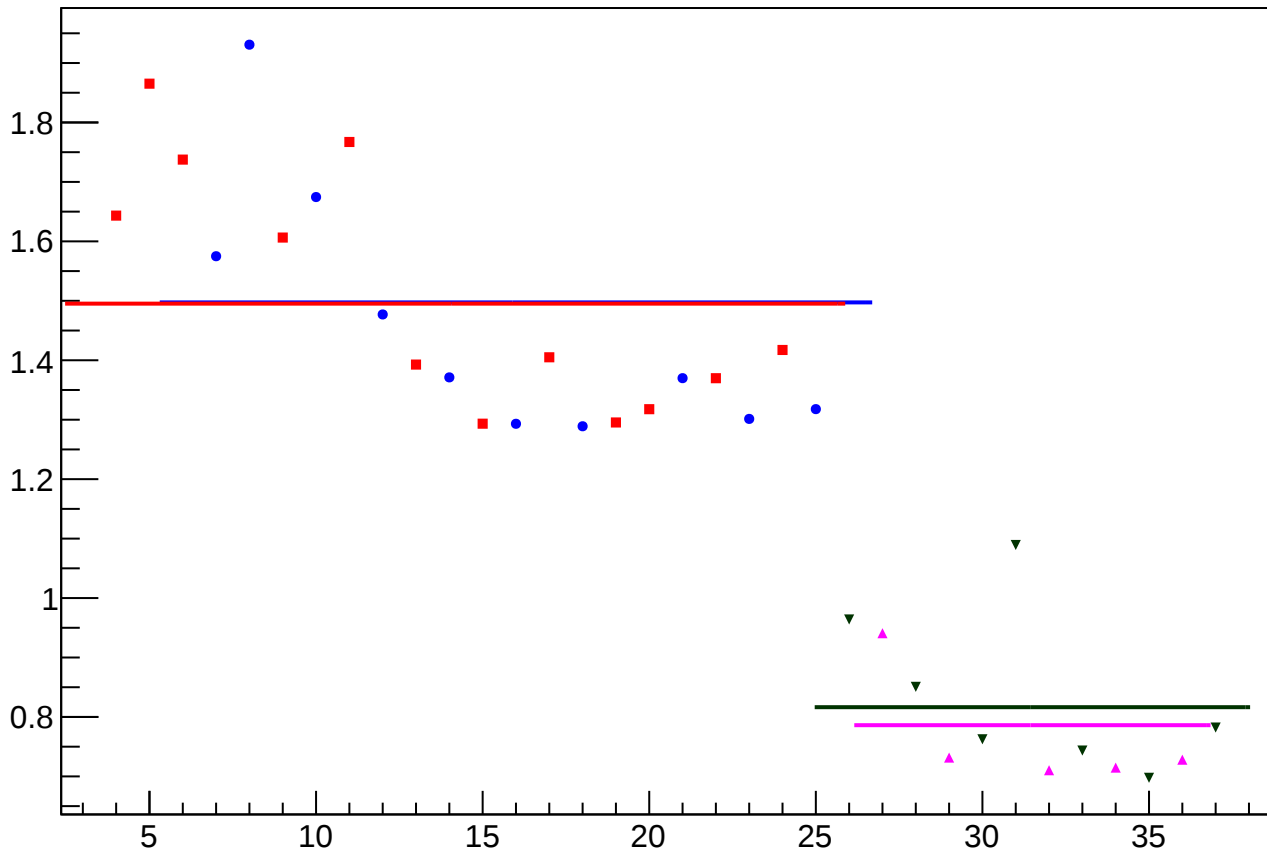
0.007+/-0.000 χ^2/NDF : 282120.3/16

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

0.007+/-0.000 χ^2/NDF : 338510.2/16

Left In: 0.006+/-0.000 χ^2/NDF :18885.8/4

yield_bpm0l03Y_mean vs slug



Right In: 1.497+/-0.000 χ^2/NDF : 5019721758.5/9

Left Out: 0.816+/-0.000 χ^2/NDF : 335869876.0/6

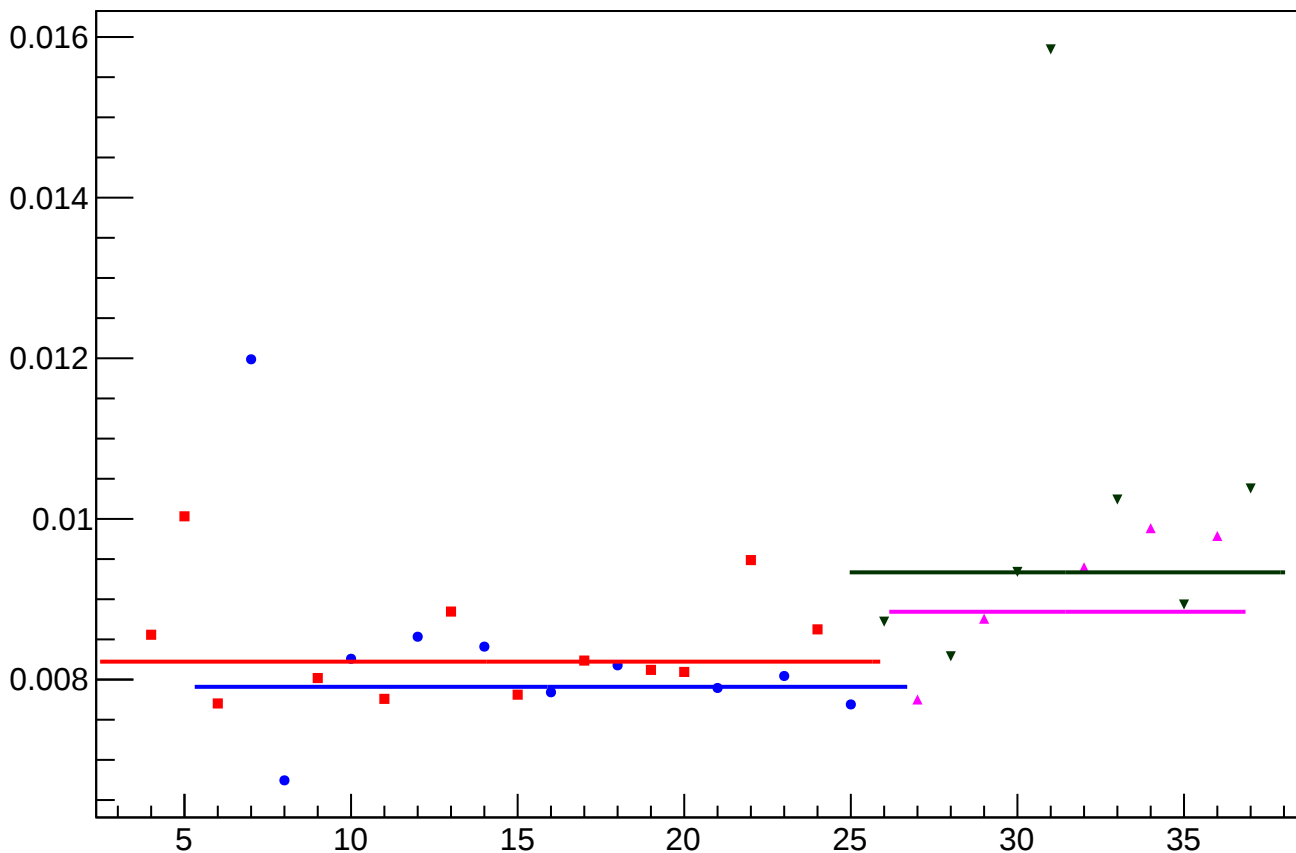
1.313+/-0.000 χ^2/NDF : 16251941031.4/16

Right Out: 1.495+/-0.000 χ^2/NDF : 2404671234.5/11

1.247+/-0.000 χ^2/NDF : 16106542352.9/16

Left In: 0.786+/-0.000 χ^2/NDF : 405865973.9/4

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 :130115.1/6

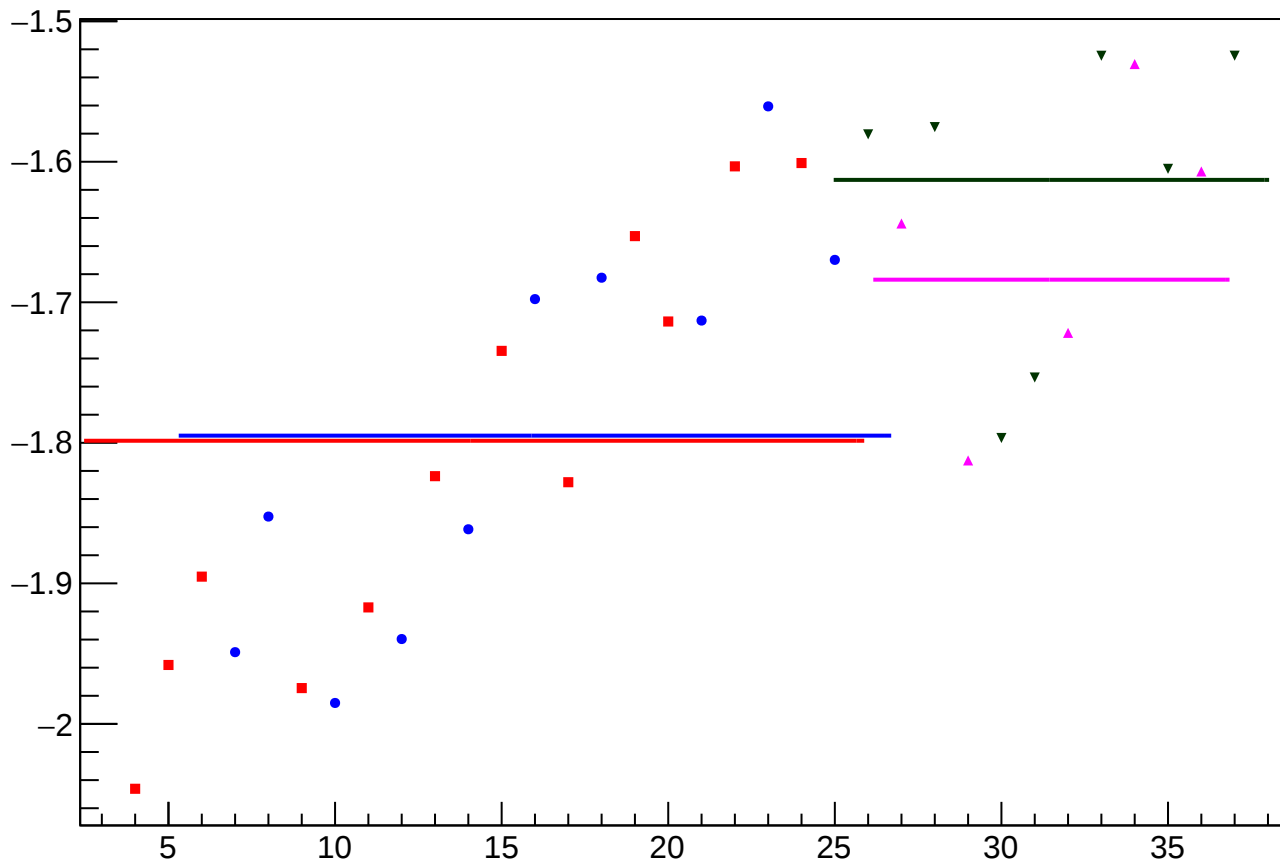
Right Out: 0.008+/-0.000 χ^2/NDF : 38168.5/11

Left In: 0.009+/-0.000 χ^2/NDF :52001.2/4

0.008+/-0.000 χ^2/NDF : 317136.7/16

0.008+/-0.000 χ^2/NDF : 110562.8/16

yield_bpm0l04X_mean vs slug



Right In: -1.795+/-0.000 χ^2/NDF : 835574790.6/9

Left Out: -1.613+/-0.000 χ^2/NDF : 242947157.8/6

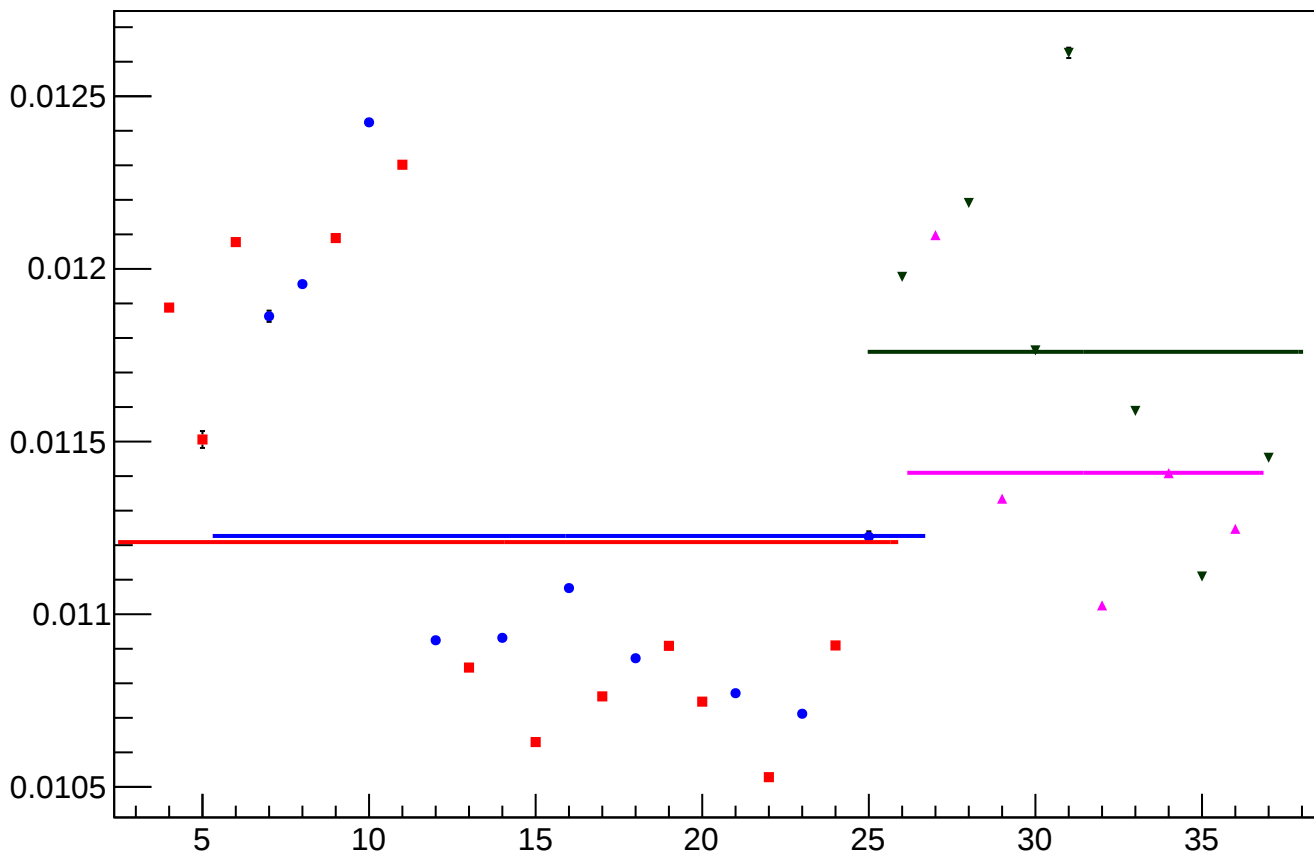
Right Out: -1.799+/-0.000 χ^2/NDF : 930787190.3/11

Left In: -1.684+/-0.000 χ^2/NDF : 240770977.4/4

-1.733+/-0.000 χ^2/NDF : 1645618758.9/16

-1.758+/-0.000 χ^2/NDF : 1403321162.7/16

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 : 9827.4/6

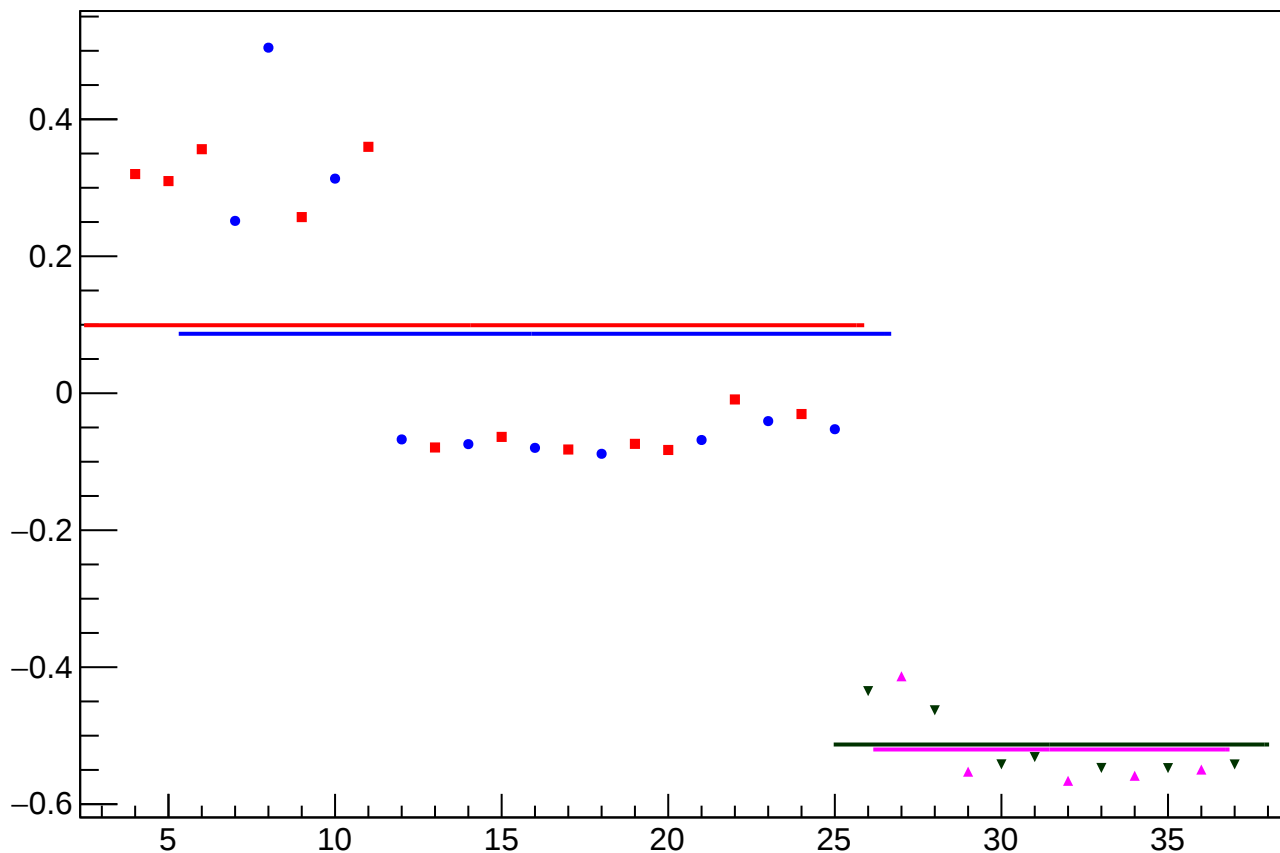
Right Out: 0.011+/-0.000 χ^2/NDF : 41113.0/11

Left In: 0.011+/-0.000 χ^2/NDF : 7848.5/4

0.011+/-0.000 χ^2/NDF : 51770.0/16

0.011+/-0.000 χ^2/NDF : 50382.5/16

yield_bpm0l04Y_mean vs slug



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

Left Out: -0.513+/-0.000 χ^2/NDF : 108461797.6/6

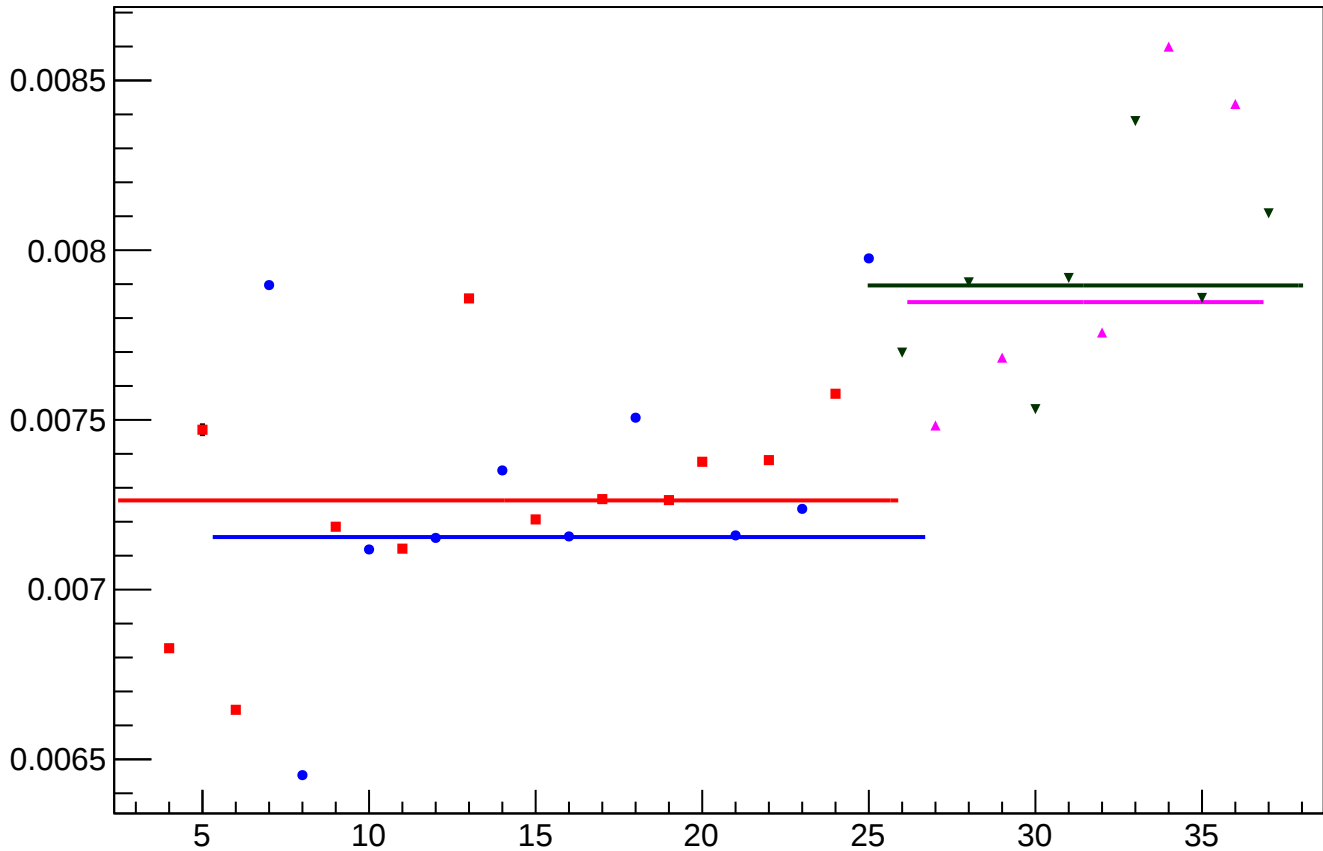
Right Out: 0.099+/-0.000 χ^2/NDF : 4238157293.7/11

Left In: -0.520+/-0.000 χ^2/NDF : 228604371.2/4

-0.102+/-0.000 χ^2/NDF : 20562066206.1/16

-0.104+/-0.000 χ^2/NDF : 19093963939.7/16

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 : 7162.3/6

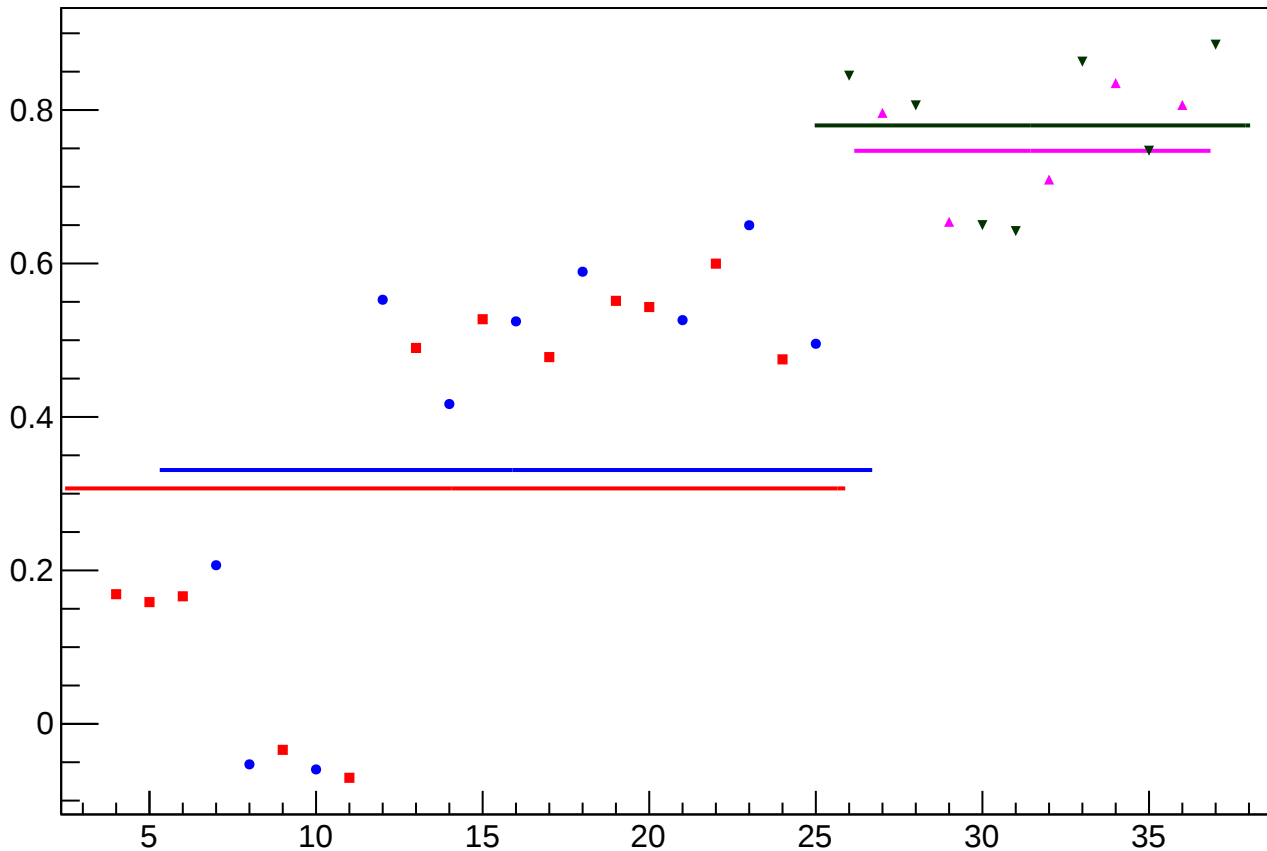
0.007+/-0.000 χ^2/NDF : 84540.5/16

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

0.007+/-0.000 χ^2/NDF : 68478.1/16

Left In: 0.008+/-0.000 χ^2/NDF : 17002.6/4

yield_bpm0l05X_mean vs slug



Right In: 0.331 $\pm$ 0.000 χ^2 /NDF: 10288533334.9/9

Left Out: 0.780 $\pm$ 0.000 χ^2 /NDF: 617512247.1/6

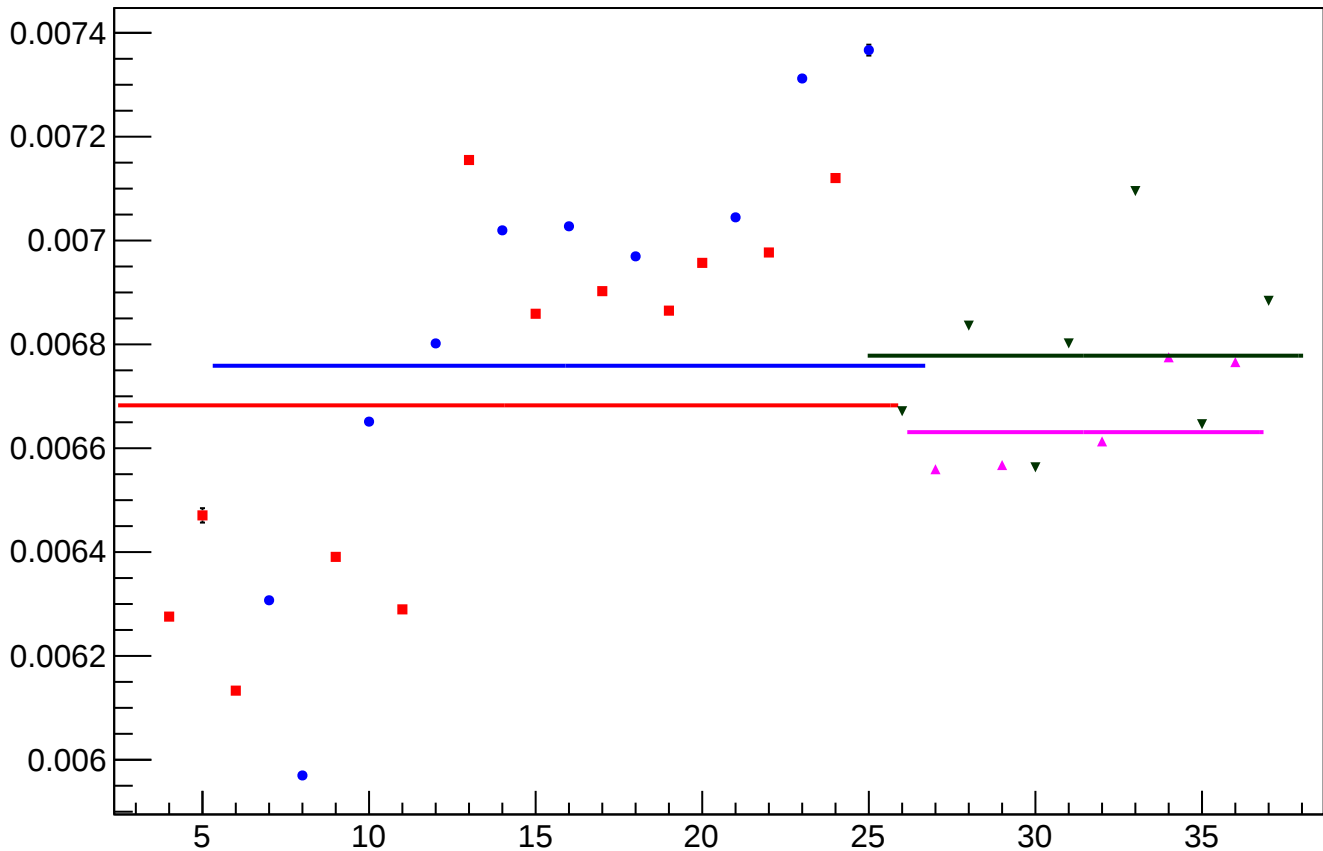
0.493 $\pm$ 0.000 χ^2 /NDF: 20962877841.0/16

Right Out: 0.307 $\pm$ 0.000 χ^2 /NDF: 8592627222.1/11

0.468 $\pm$ 0.000 χ^2 /NDF: 18805689677.8/16

Left In: 0.747 $\pm$ 0.000 χ^2 /NDF: 363463890.8/4

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 : 4154.6/6

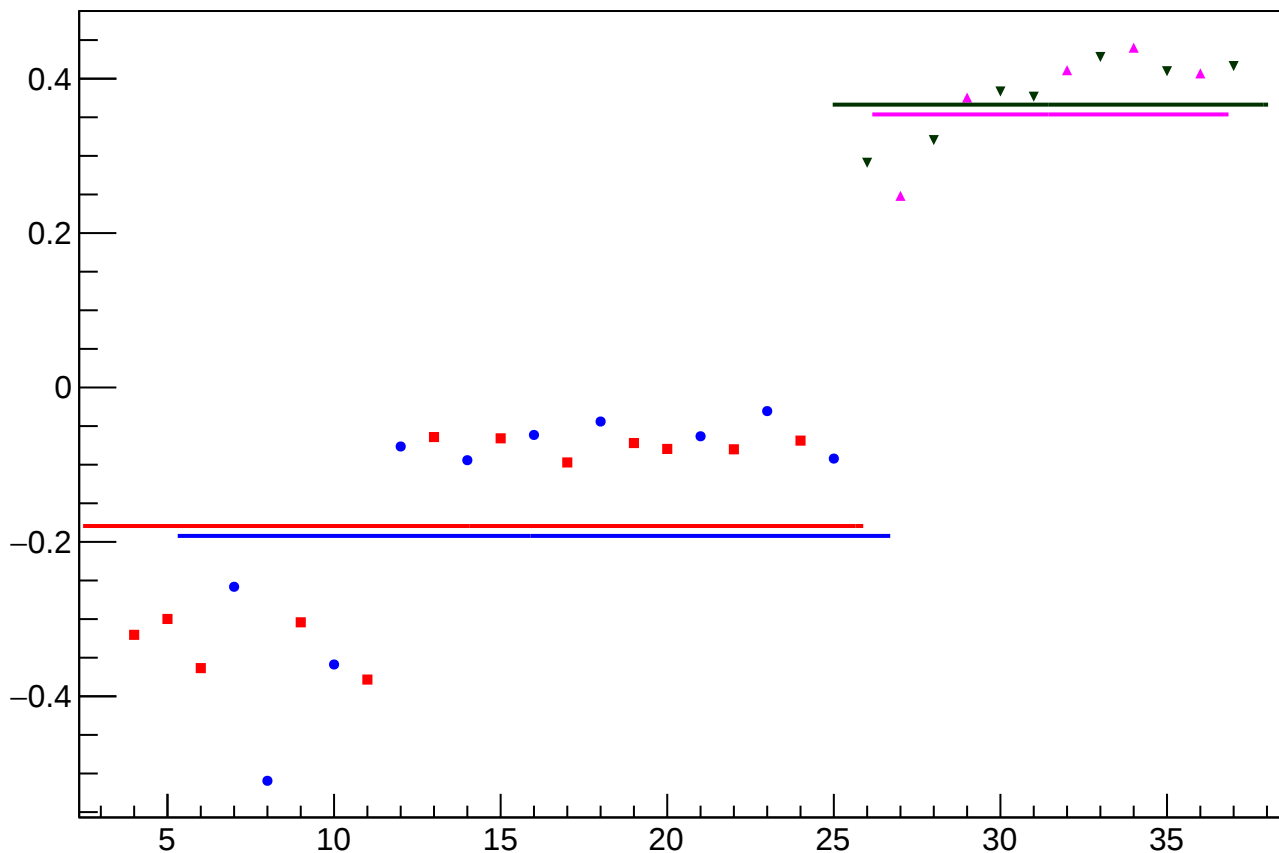
Right Out: 0.007+/-0.000 χ^2/NDF : 37923.0/11

Left In: 0.007+/-0.000 χ^2/NDF : 1199.6/4

0.007+/-0.000 χ^2/NDF : 55292.5/16

0.007+/-0.000 χ^2/NDF : 39393.5/16

yield_bpm0l05Y_mean vs slug



Right In: -0.192+/-0.000 χ^2/NDF : 7520458731.7/9

Left Out: 0.366+/-0.000 χ^2/NDF :256632780.5/6

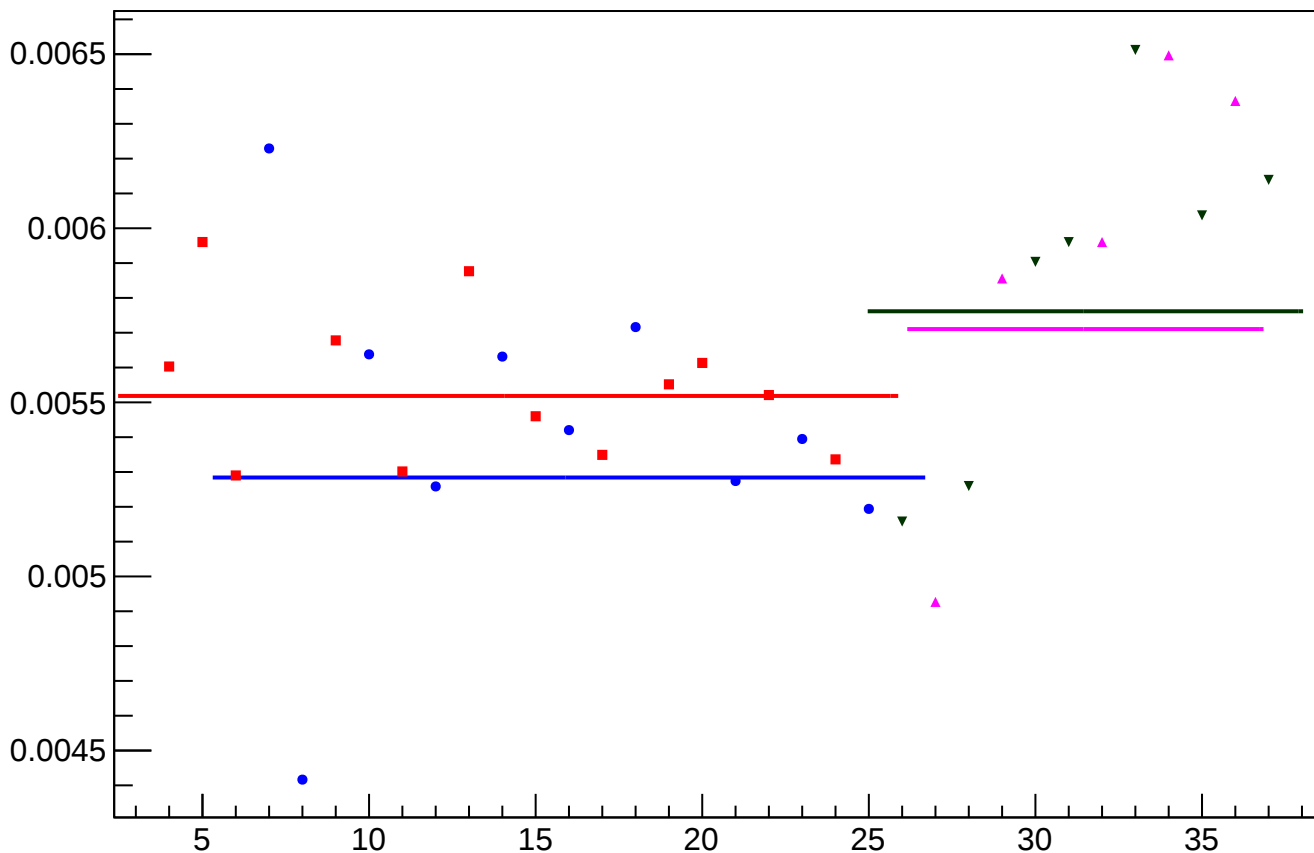
-0.015+/-0.000 χ^2/NDF : 29816386431.2/16

Right Out: -0.179+/-0.000 χ^2/NDF : 3508774818.6/11

0.005+/-0.000 χ^2/NDF : 23666306239.7/16

Left In: 0.354+/-0.000 χ^2/NDF :582595862.0/4

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 101310.2/9

Left Out: 0.006+/-0.000 χ^2/NDF : 44433.0/6

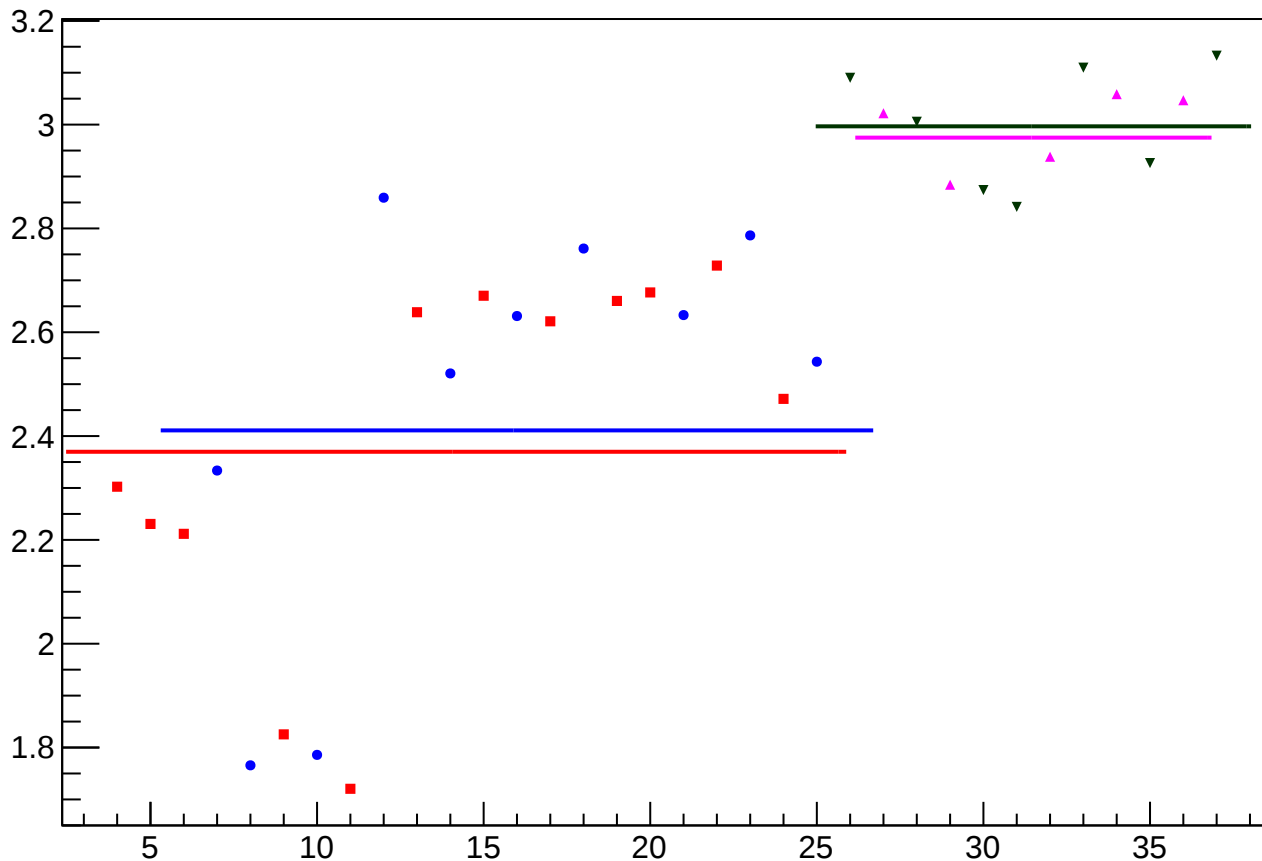
Right Out: 0.006+/-0.000 χ^2/NDF : 15882.5/11

Left In: 0.006+/-0.000 χ^2/NDF : 69415.8/4

0.005+/-0.000 χ^2/NDF : 177942.7/16

0.006+/-0.000 χ^2/NDF : 90377.0/16

yield_bpm0l06X_mean vs slug



Right In: 2.411+/-0.000 χ^2/NDF : 8288488350.8/9

Left Out: 2.997+/-0.000 χ^2/NDF : 428945068.0/6

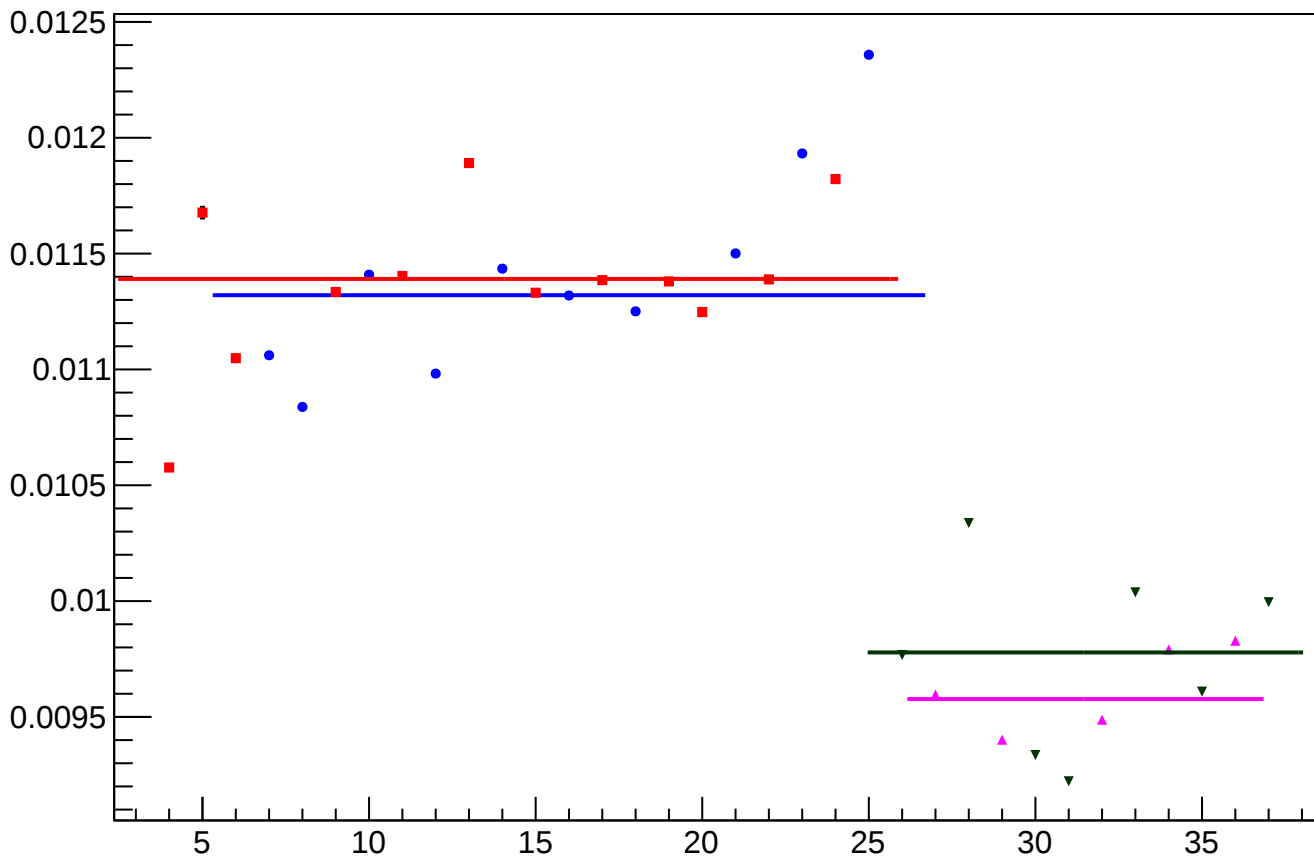
Right Out: 2.370+/-0.000 χ^2/NDF : 6148614256.2/11

Left In: 2.975+/-0.000 χ^2/NDF : 173778450.8/4

2.665+/-0.000 χ^2/NDF : 16065343979.6/16

2.640+/-0.000 χ^2/NDF : 14125291824.4/16

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 : 10623.9/6

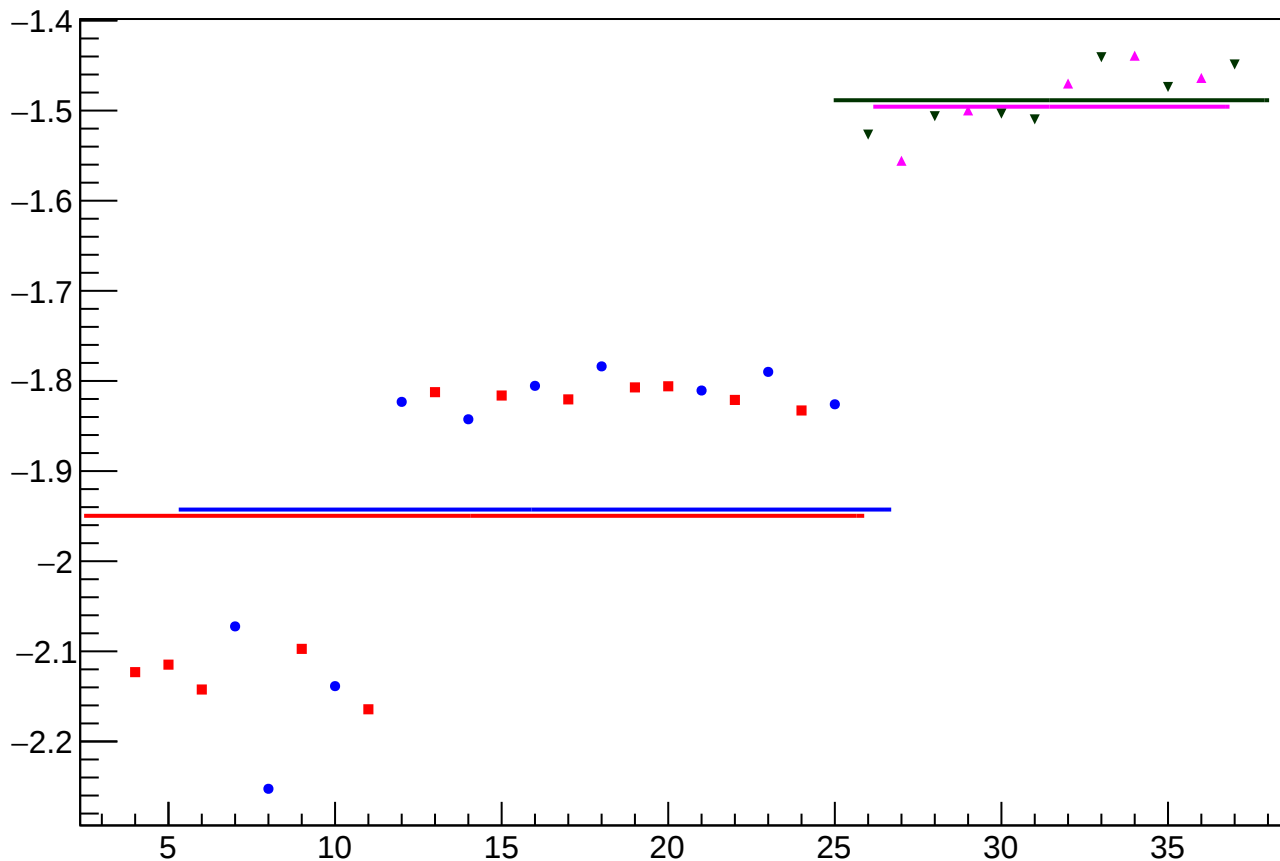
Right Out: 0.011+/-0.000 χ^2/NDF : 10496.6/11

Left In: 0.010+/-0.000 χ^2/NDF : 1847.4/4

0.011+/-0.000 χ^2/NDF : 124157.1/16

0.011+/-0.000 χ^2/NDF : 152503.9/16

yield_bpm0l06Y_mean vs slug



Right In: -1.943+/-0.000 χ^2/NDF : 9180562095.2/9

Left Out: -1.950+/-0.000 χ^2/NDF : 6176400274.4/11

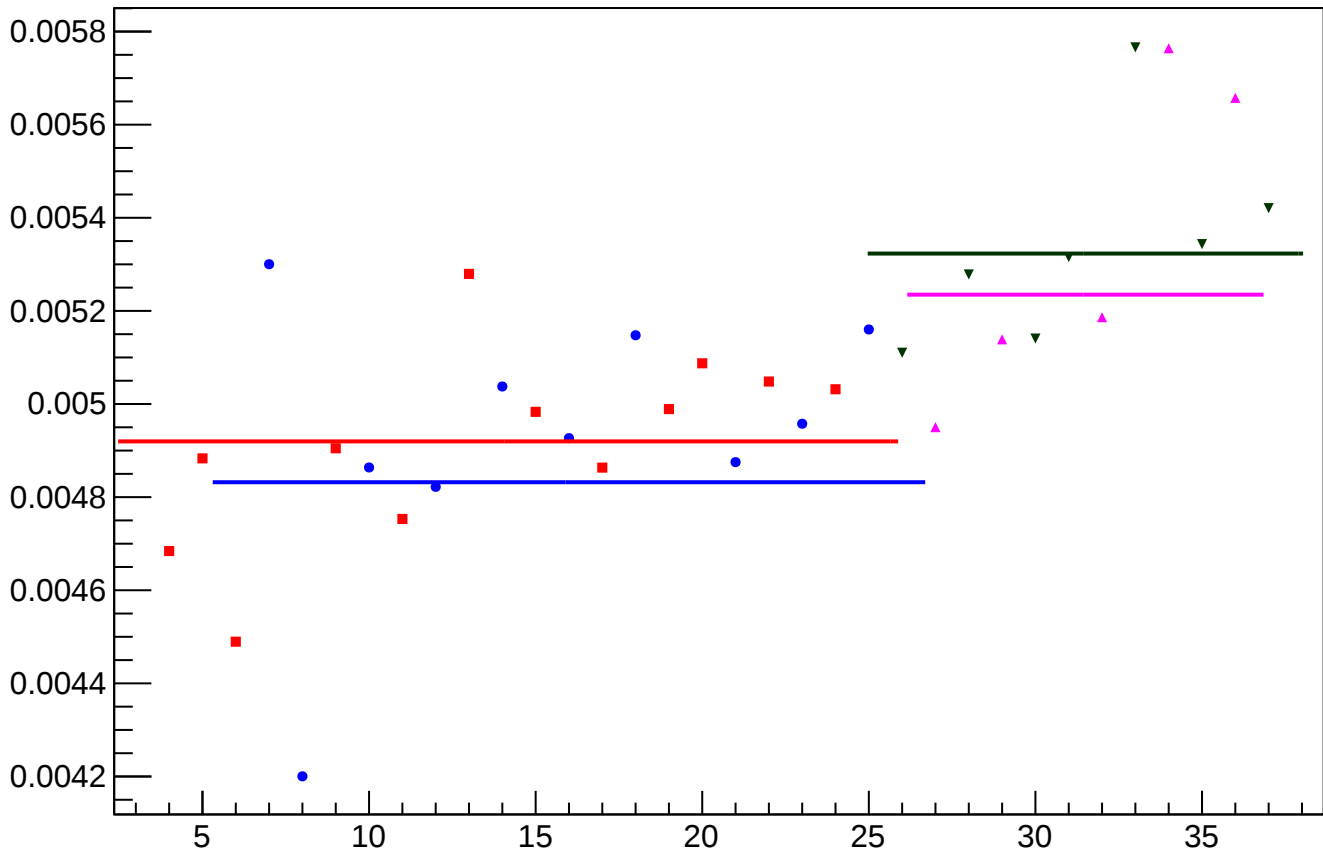
Right Out: -1.496+/-0.000 χ^2/NDF : 205397789.1/4

Left In: -1.489+/-0.000 χ^2/NDF : 109281568.4/6

-1.800+/-0.000 χ^2/NDF : 26754516905.2/16

-1.798+/-0.000 χ^2/NDF : 23861370886.9/16

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 : 9258.2/6

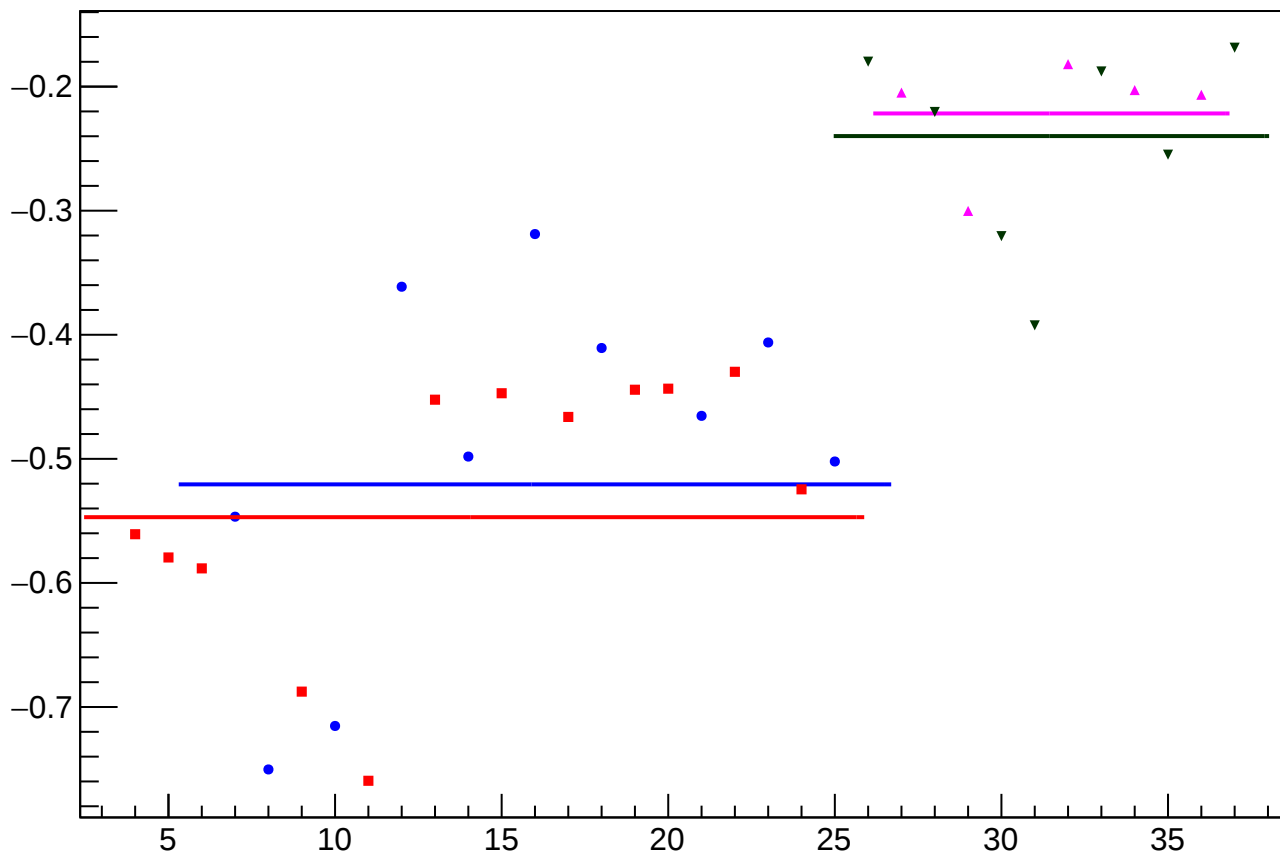
Right Out: 0.005+/-0.000 χ^2/NDF : 23832.0/11

Left In: 0.005+/-0.000 χ^2/NDF : 19817.8/4

0.005+/-0.000 χ^2/NDF : 105350.3/16

0.005+/-0.000 χ^2/NDF : 60498.5/16

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 : 84402549.2/6

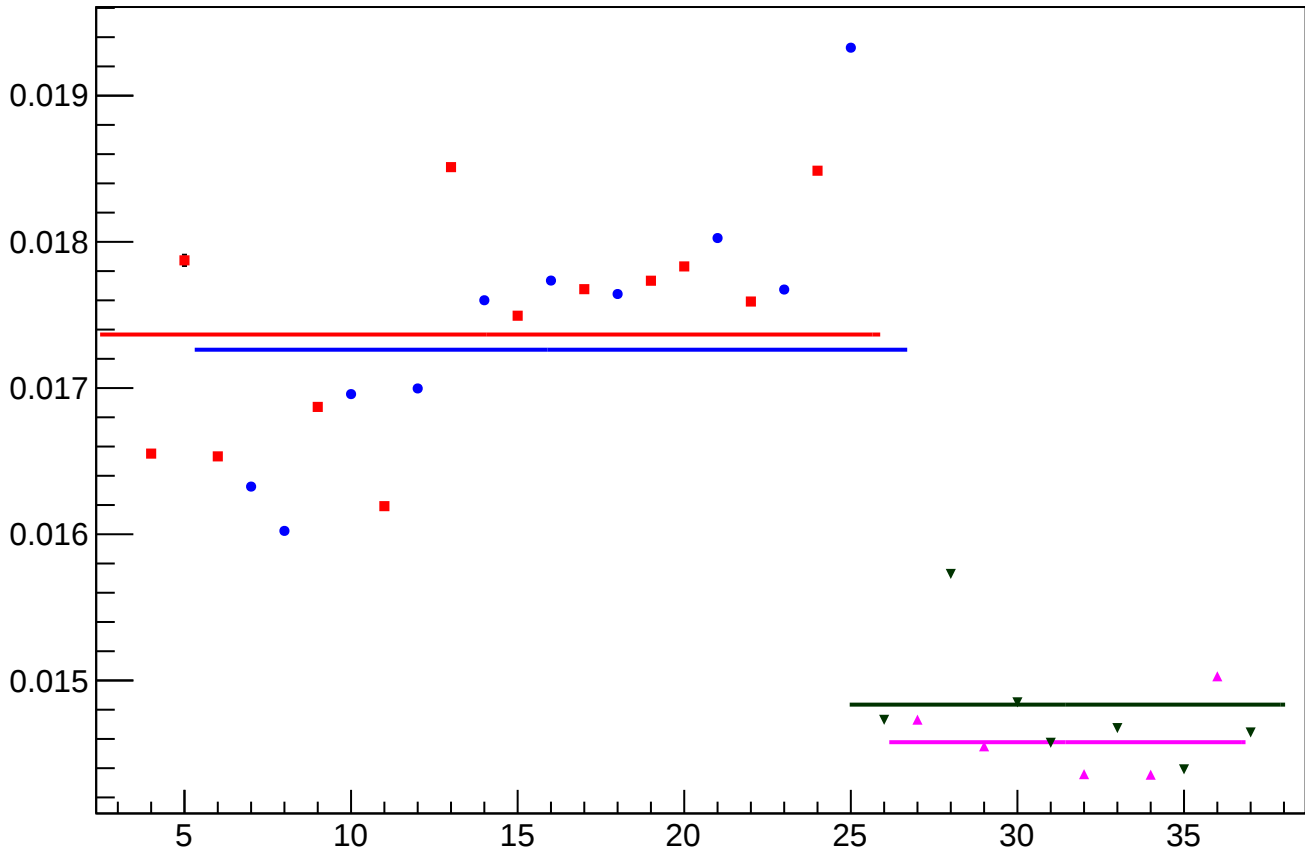
Right Out: -0.547+/-0.000 χ^2/NDF : 269735804.4/11

Left In: -0.222+/-0.000 χ^2/NDF : 33801574.5/4

-0.397+/-0.000 χ^2/NDF : 1293309461.8/16

-0.400+/-0.000 χ^2/NDF : 1277114945.9/16

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 : 6213.5/6

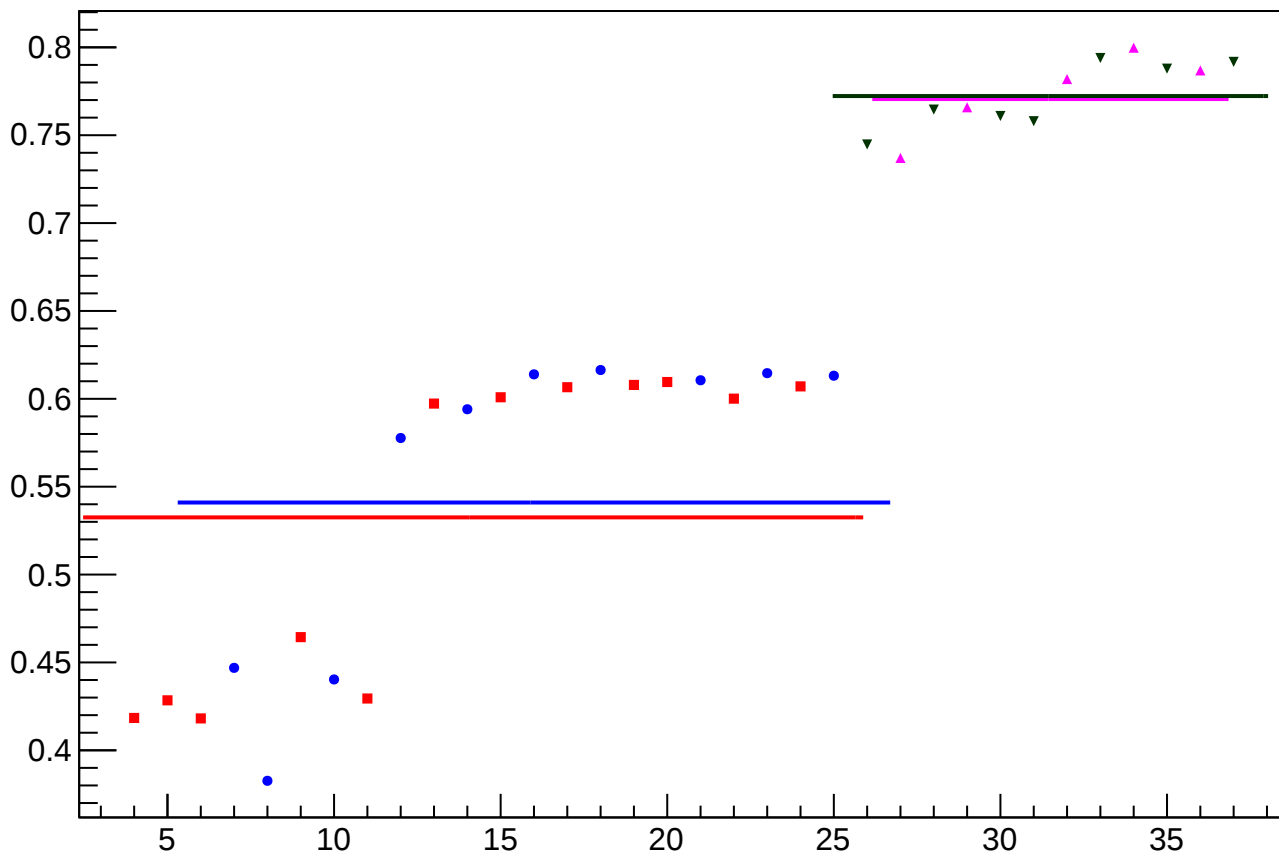
0.016+/-0.000 χ^2/NDF : 140356.7/16

Right Out: 0.017+/-0.000 χ^2/NDF : 25208.5/11

0.016+/-0.000 χ^2/NDF : 169926.8/16

Left In: 0.015+/-0.000 χ^2/NDF : 1716.6/4

yield_bpm0l07Y_mean vs slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 5869404533.9/9

Left Out: 0.772 $\pm$ 0.000 χ^2 /NDF: 102304661.2/6

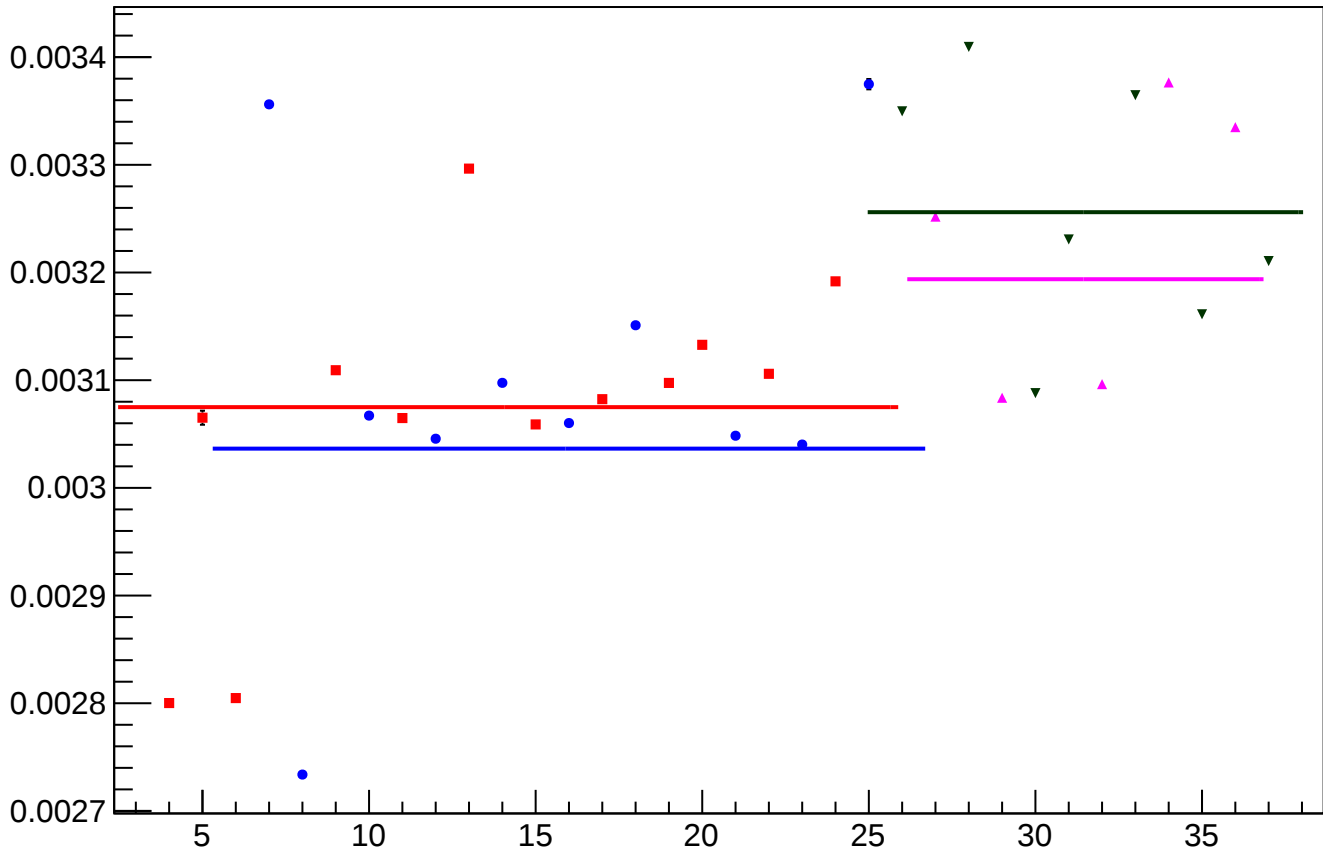
0.617 $\pm$ 0.000 χ^2 /NDF: 17954889321.4/16

Right Out: 0.533 $\pm$ 0.000 χ^2 /NDF: 4611310317.7/11

0.615 $\pm$ 0.000 χ^2 /NDF: 17524105070.3/16

Left In: 0.771 $\pm$ 0.000 χ^2 /NDF: 149690047.4/4

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 :8691.2/6

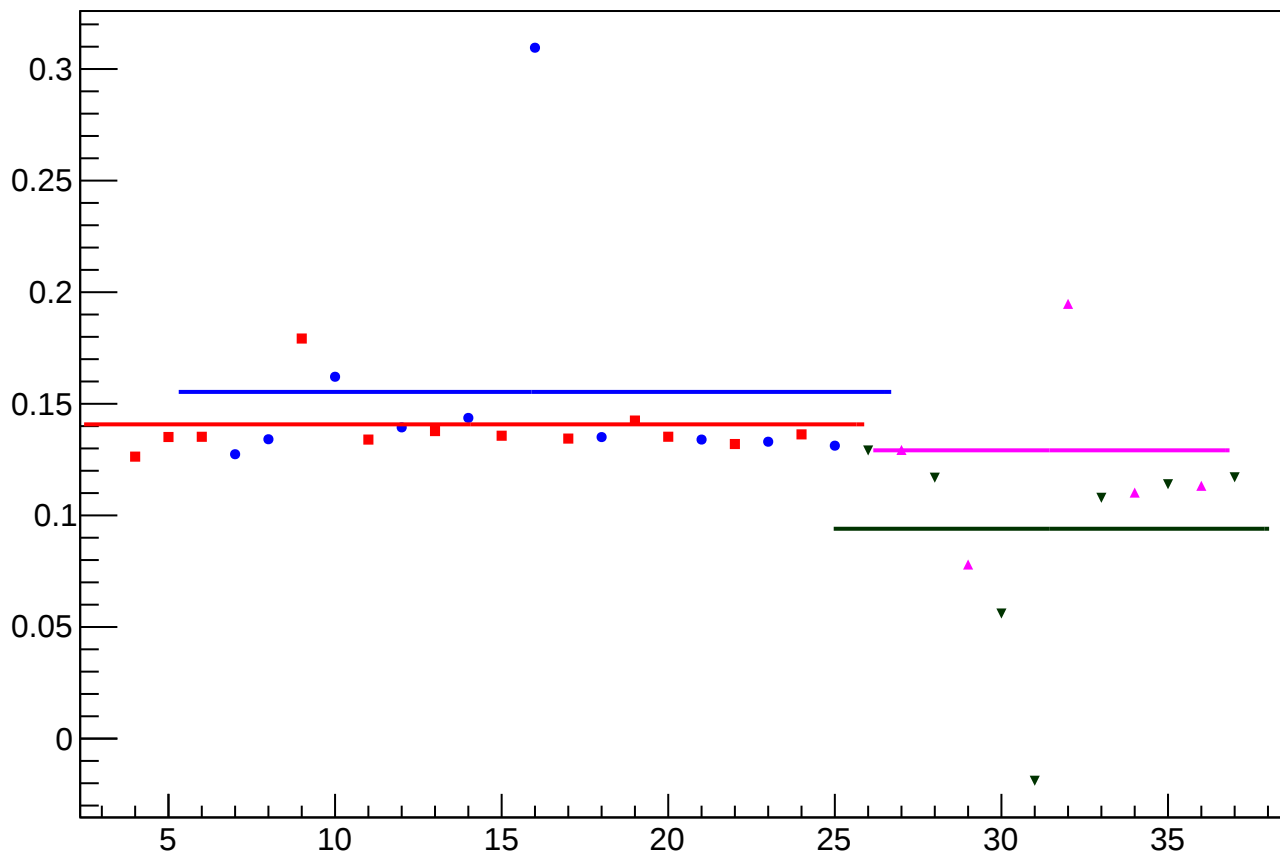
0.003+/-0.000 χ^2/NDF : 64162.9/16

Right Out: 0.003+/-0.000 χ^2/NDF : 27152.3/11

0.003+/-0.000 χ^2/NDF : 42539.7/16

Left In: 0.003+/-0.000 χ^2/NDF :9030.1/4

yield_bpm0l08X_mean vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 60529861.8/9

Left Out: 0.094+/-0.000 χ^2/NDF : 37656920.8/6

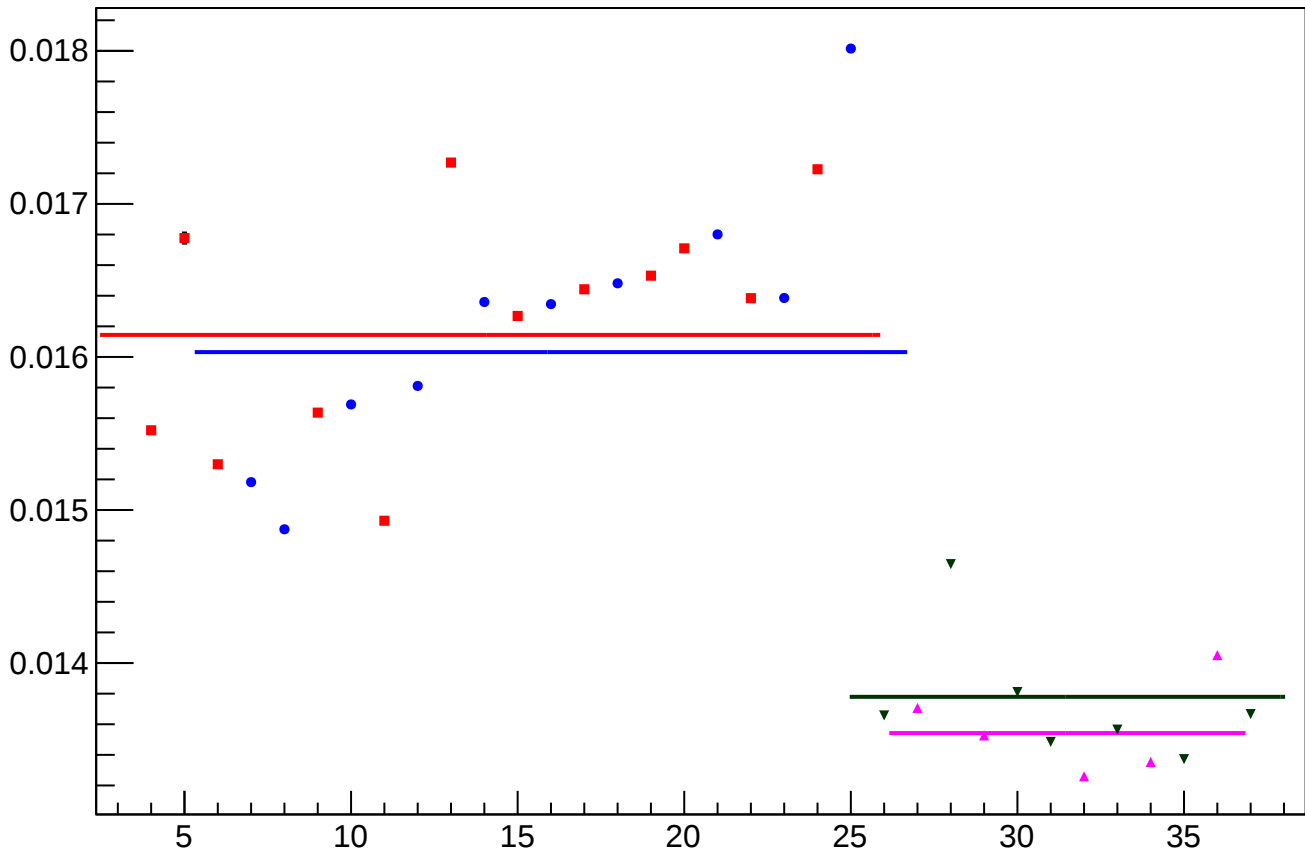
Right Out: 0.141+/-0.000 χ^2/NDF : 5462429.5/11

Left In: 0.129+/-0.000 χ^2/NDF : 35197610.2/4

0.128+/-0.000 χ^2/NDF : 138820010.7/16

0.136+/-0.000 χ^2/NDF : 42098884.4/16

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 : 6768.5/6

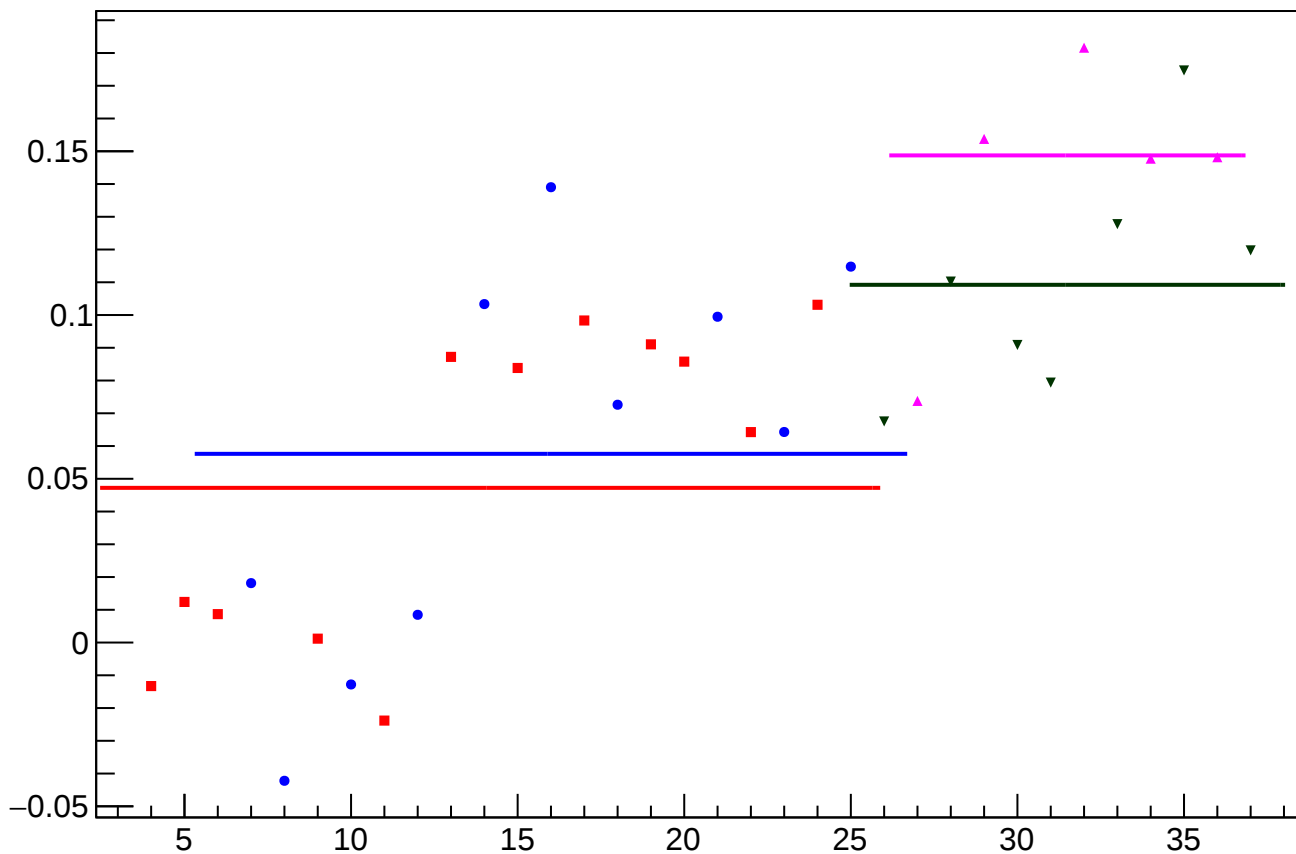
0.015+/-0.000 χ^2/NDF : 141529.1/16

Right Out: 0.016+/-0.000 χ^2/NDF : 28739.5/11

0.015+/-0.000 χ^2/NDF : 175078.6/16

Left In: 0.014+/-0.000 χ^2/NDF : 2526.1/4

yield_bpm0l08Y_mean vs slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 2106835310.3/9

Left Out: 0.109 $\pm$ 0.000 χ^2 /NDF:322552929.4/6

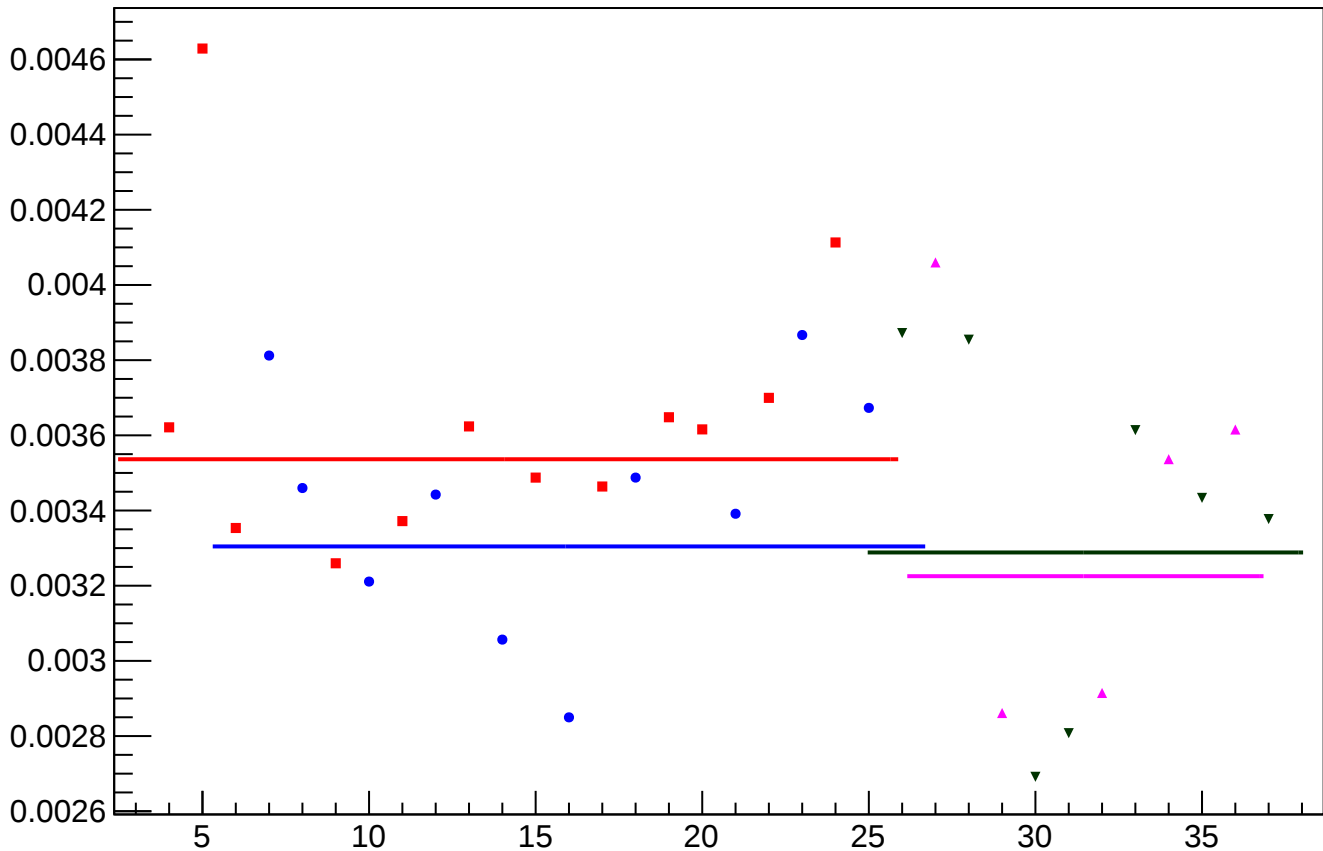
Right Out: 0.047 $\pm$ 0.000 χ^2 /NDF: 1076949152.4/11

Left In: 0.149 $\pm$ 0.000 χ^2 /NDF:391934898.8/4

0.076 $\pm$ 0.000 χ^2 /NDF: 2967200549.4/16

0.089 $\pm$ 0.000 χ^2 /NDF: 3460638469.6/16

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 :131147.3/6

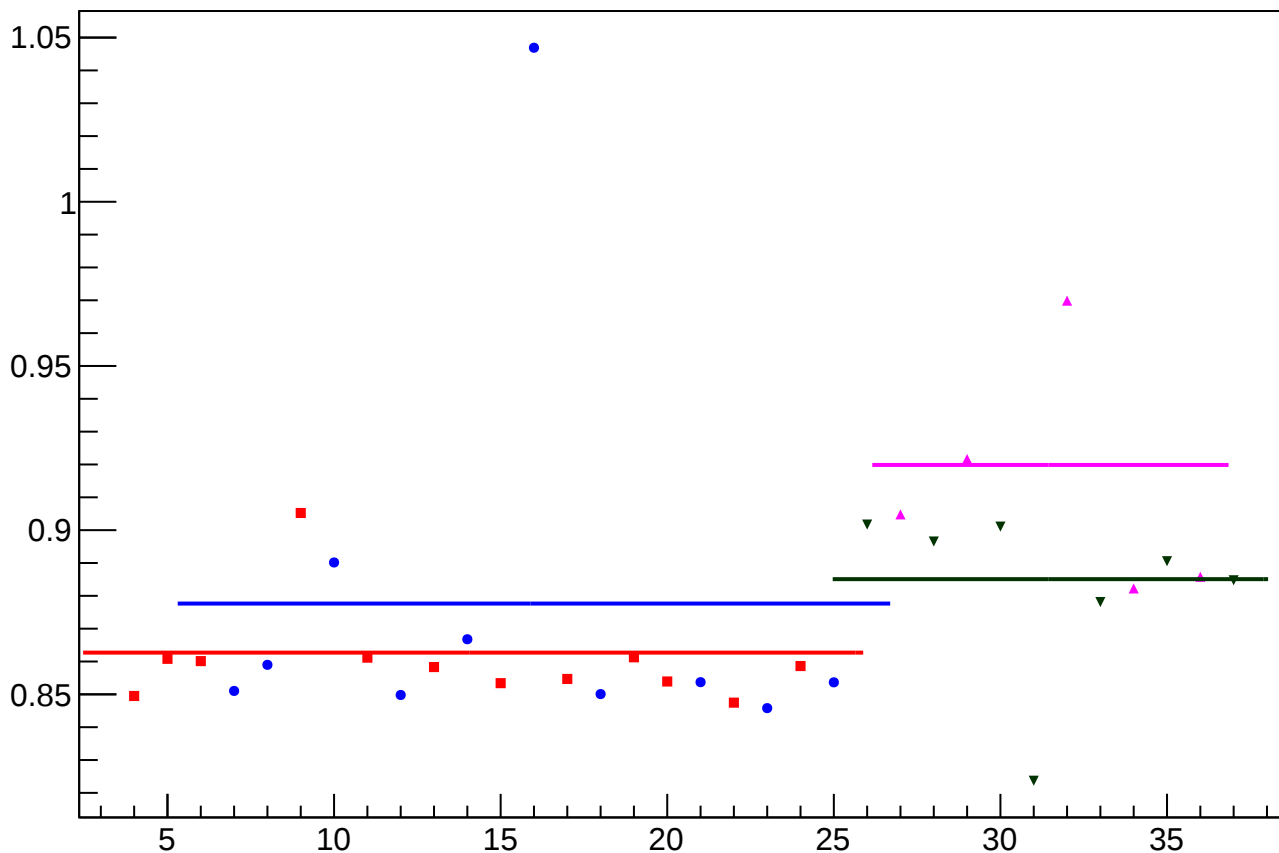
0.003+/-0.000 χ^2/NDF : 220154.4/16

Right Out: 0.004+/-0.000 χ^2/NDF : 54073.0/11

0.003+/-0.000 χ^2/NDF : 225929.6/16

Left In: 0.003+/-0.000 χ^2/NDF :134442.7/4

yield_bpm0l09X_mean vs slug



Right In: 0.878+/-0.000 χ^2/NDF : 78564555.7/9

Left Out: 0.885+/-0.000 χ^2/NDF : 9999318.8/6

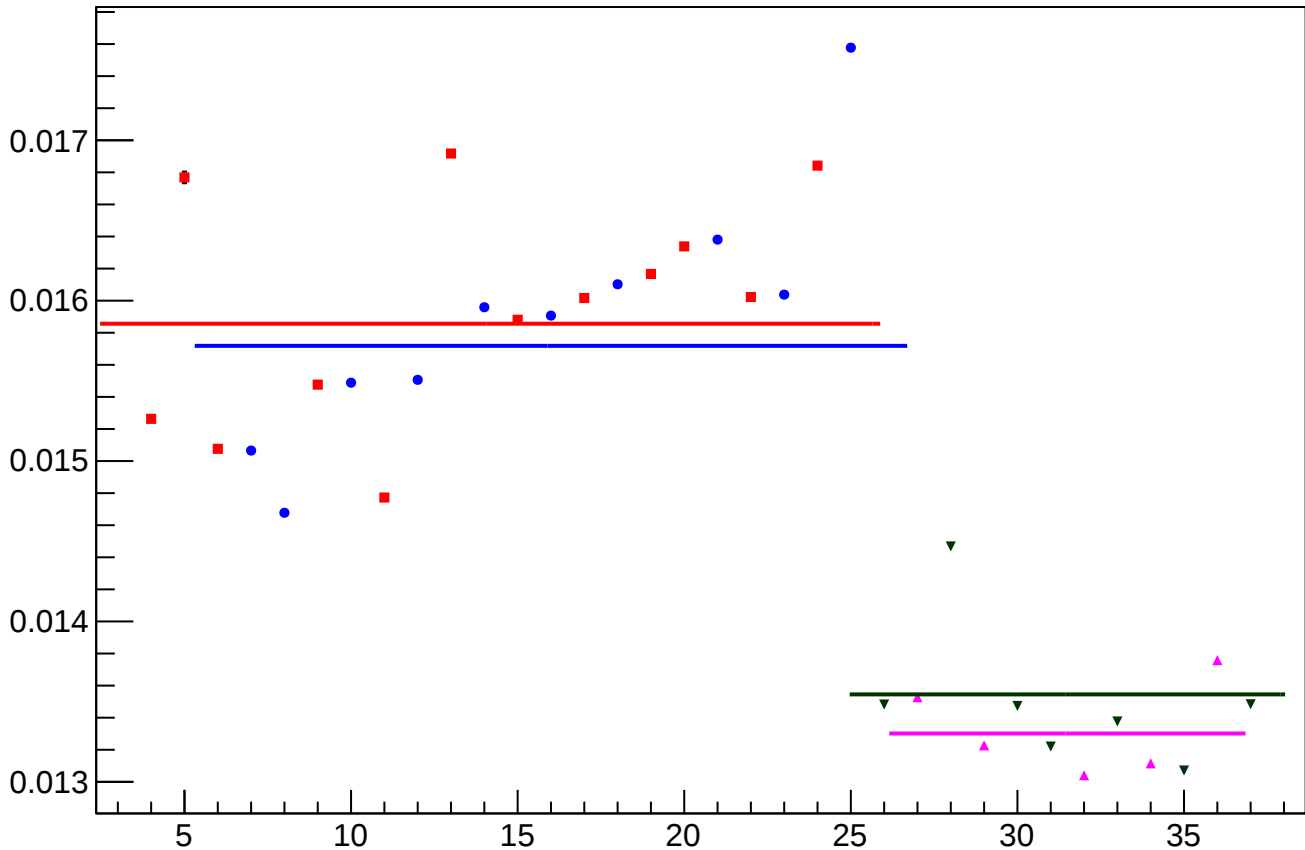
Right Out: 0.863+/-0.000 χ^2/NDF : 6919011.1/11

Left In: 0.920+/-0.000 χ^2/NDF : 21071872.9/4

0.881+/-0.000 χ^2/NDF : 89182775.2/16

0.889+/-0.000 χ^2/NDF : 63926662.7/16

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 : 7864.0/6

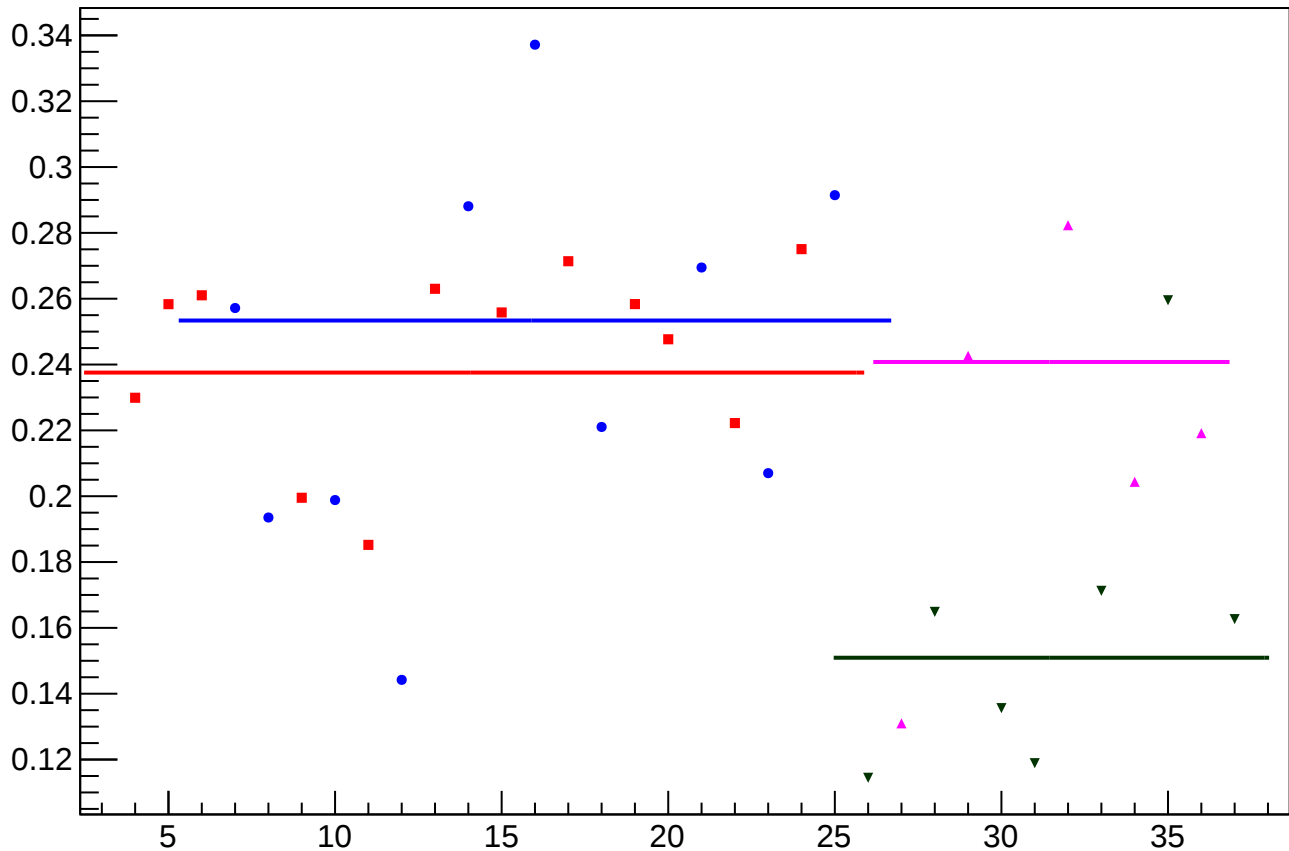
0.015+/-0.000 χ^2/NDF : 133754.2/16

Right Out: 0.016+/-0.000 χ^2/NDF : 24366.1/11

0.015+/-0.000 χ^2/NDF : 170521.2/16

Left In: 0.013+/-0.000 χ^2/NDF : 2509.8/4

yield_bpm0l09Y_mean vs slug



Right In: 0.253+/-0.000 χ^2/NDF : 1609781231.1/9

Left Out: 0.151+/-0.000 χ^2/NDF : 465174469.2/6

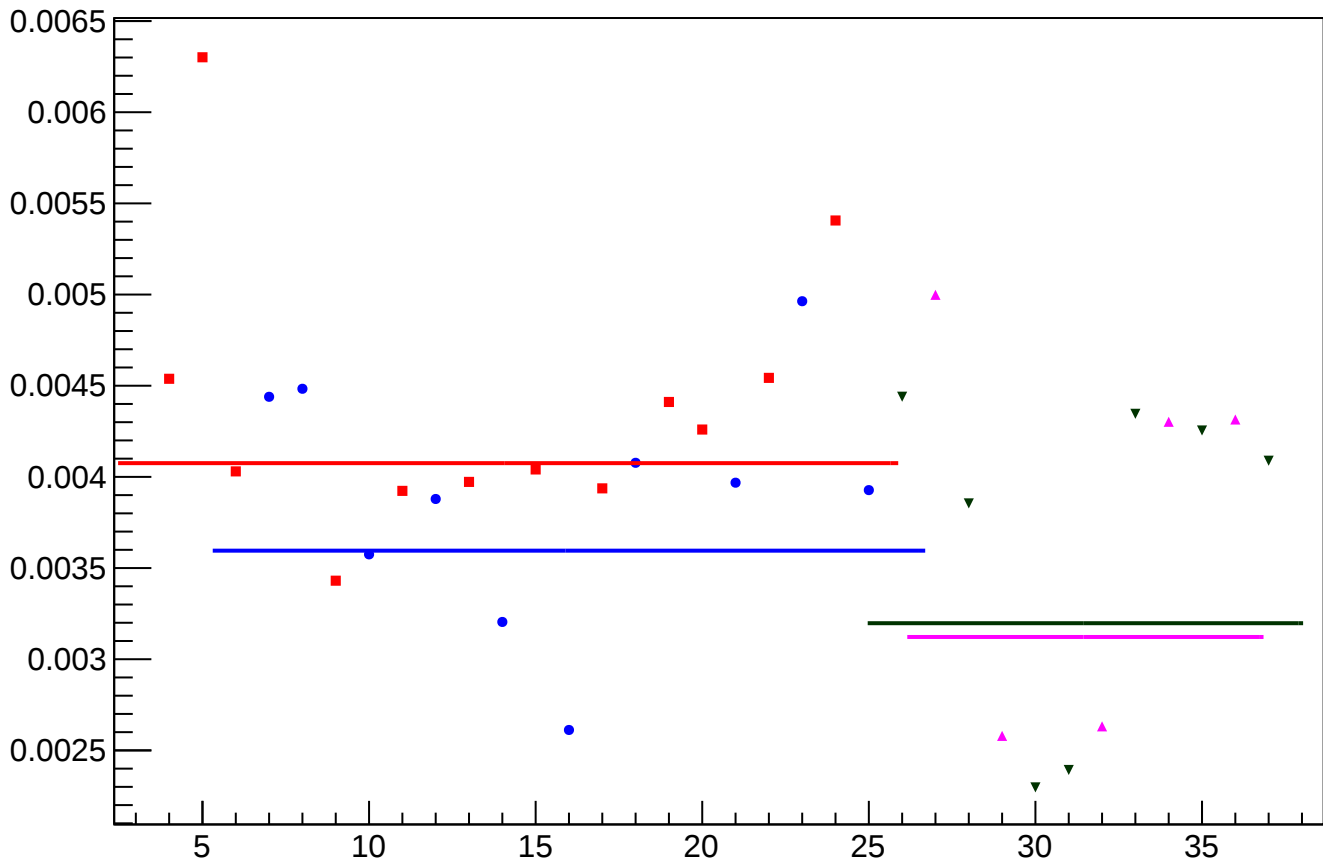
Right Out: 0.238+/-0.000 χ^2/NDF : 338609573.2/11

Left In: 0.241+/-0.000 χ^2/NDF : 633308353.0/4

0.212+/-0.000 χ^2/NDF : 3987952469.9/16

0.239+/-0.000 χ^2/NDF : 973618887.7/16

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 : 520183.1/6

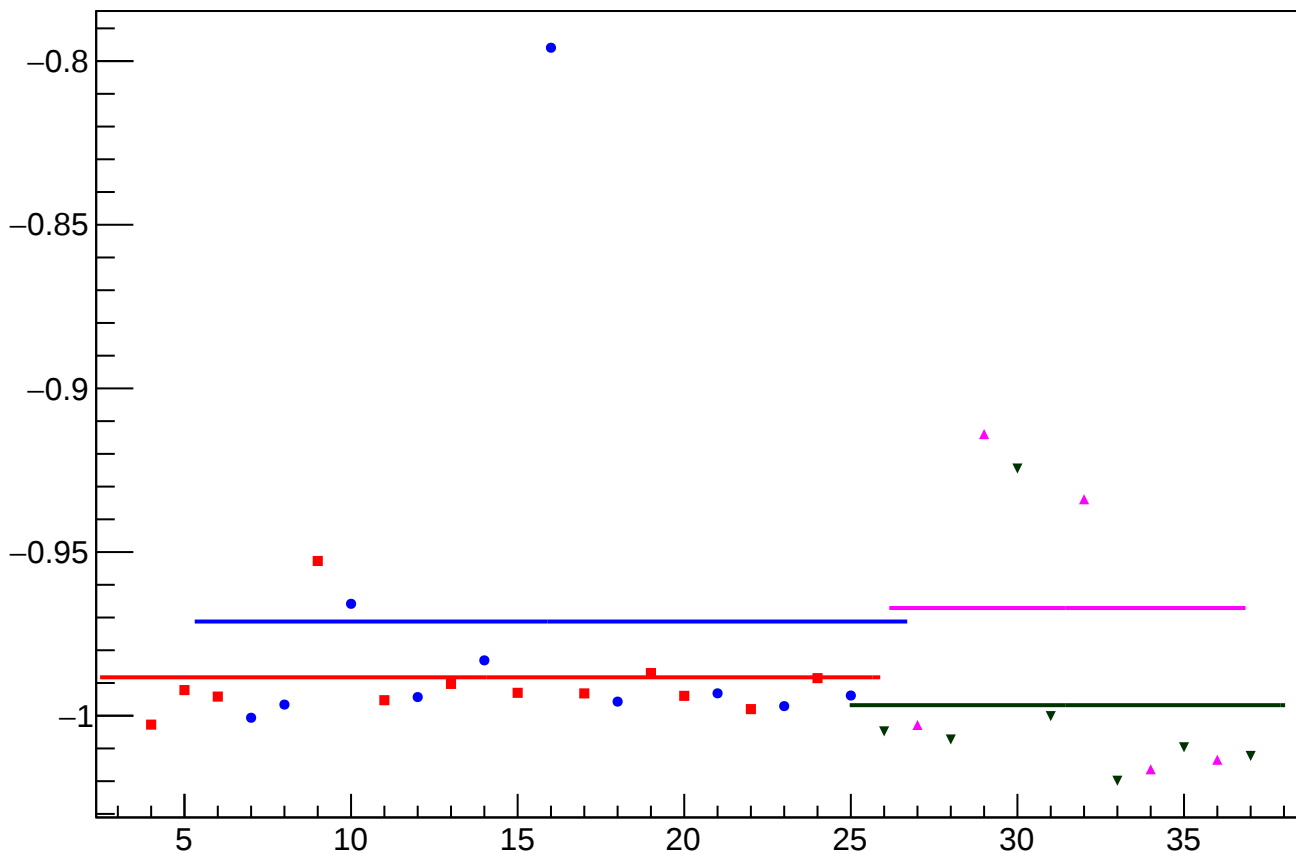
Right Out: 0.004+/-0.000 χ^2/NDF : 164404.0/11

Left In: 0.003+/-0.000 χ^2/NDF : 492578.4/4

0.003+/-0.000 χ^2/NDF : 968651.7/16

0.004+/-0.000 χ^2/NDF : 955385.8/16

yield_bpm0l10X_mean vs slug



Right In: -0.971+/-0.000 χ^2/NDF : 89914110.4/9

Left Out: -0.997+/-0.000 χ^2/NDF : 20002121.4/6

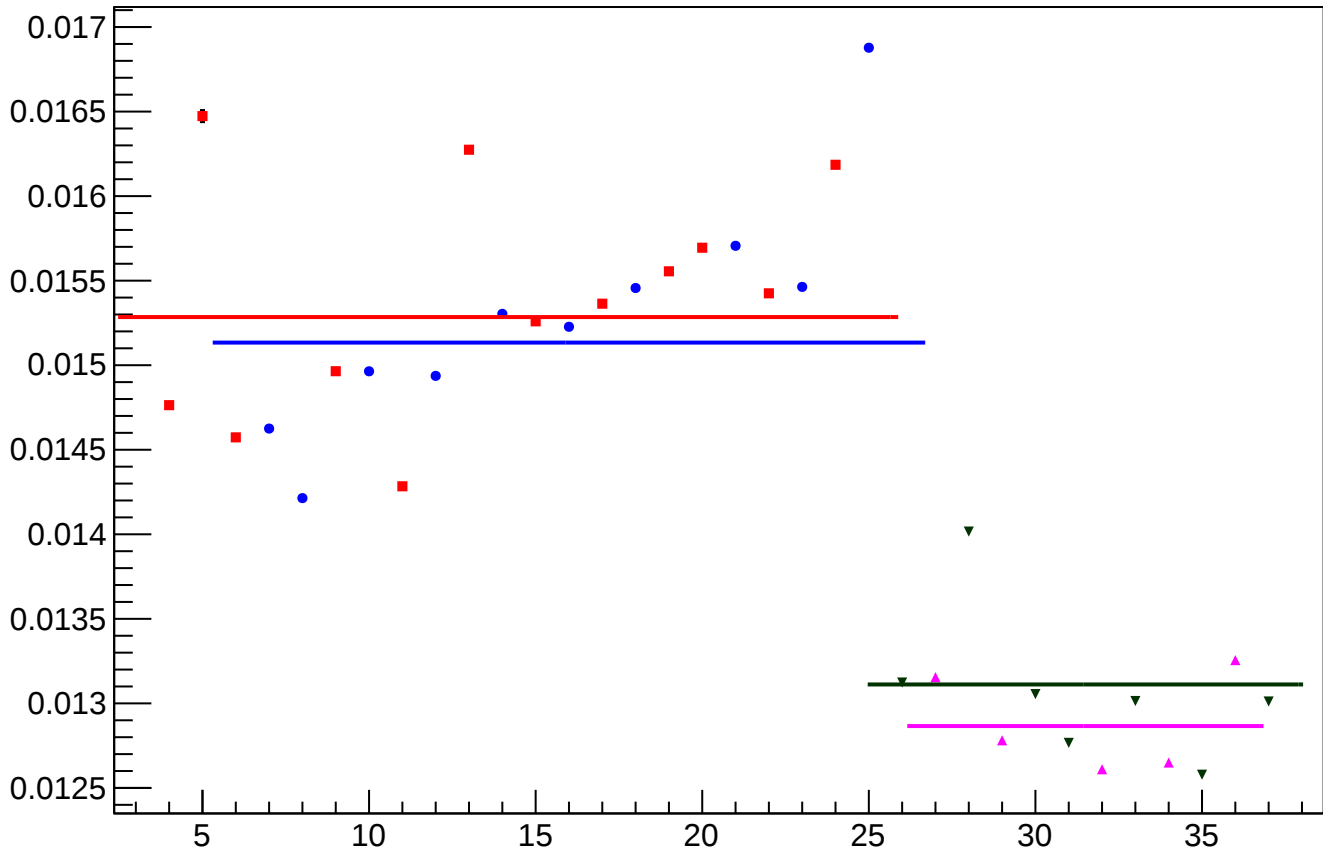
Right Out: -0.988+/-0.000 χ^2/NDF : 5195068.8/11

Left In: -0.967+/-0.000 χ^2/NDF : 40419733.2/4

-0.982+/-0.000 χ^2/NDF : 117744820.9/16

-0.979+/-0.000 χ^2/NDF : 50891410.5/16

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 : 8445.8/6

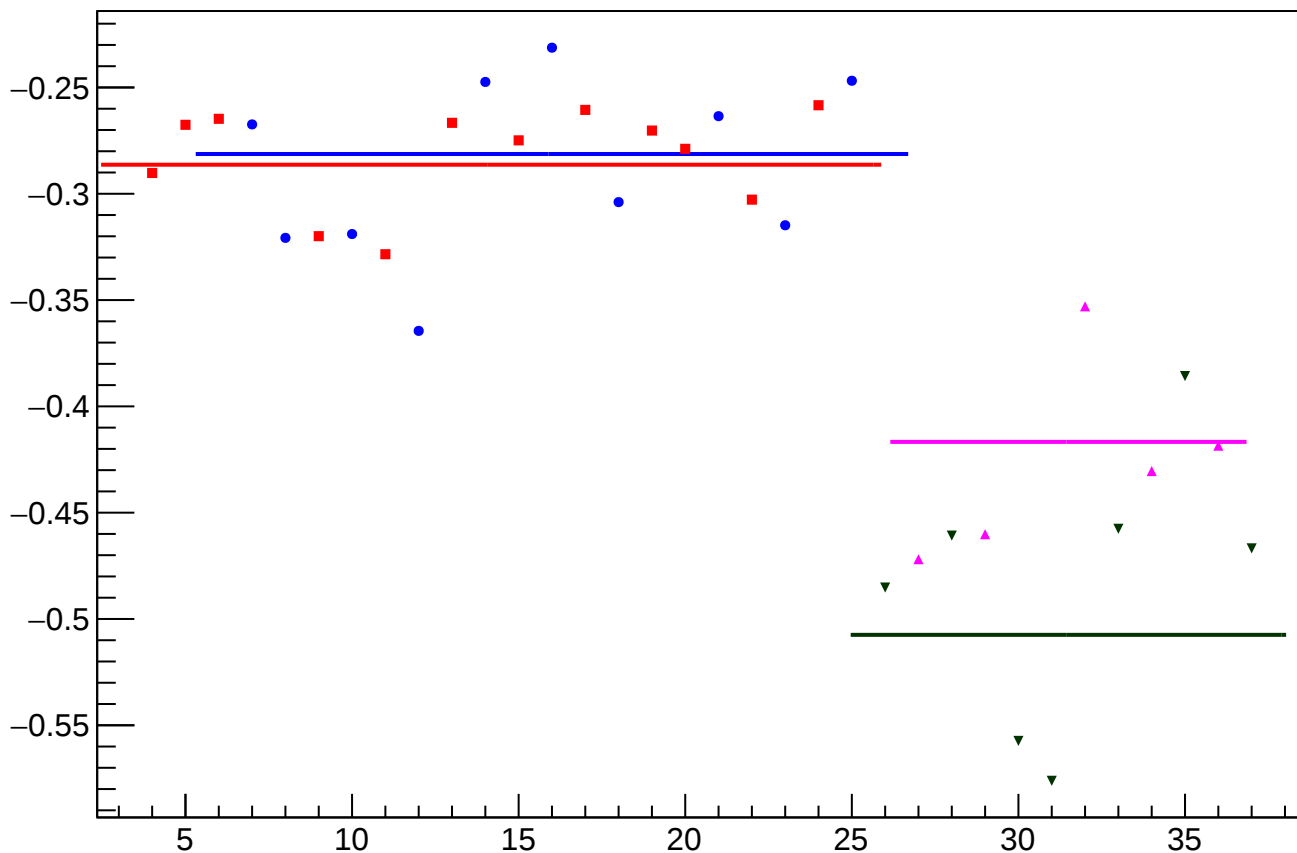
0.014+/-0.000 χ^2/NDF : 123413.4/16

Right Out: 0.015+/-0.000 χ^2/NDF : 22407.0/11

0.014+/-0.000 χ^2/NDF : 162951.1/16

Left In: 0.013+/-0.000 χ^2/NDF : 2747.3/4

yield_bpm0l10Y_mean vs slug



Right In: -0.281+/-0.000 χ^2/NDF : 977787208.1/9

Left Out: -0.507+/-0.000 χ^2/NDF : 1346237106.2/6

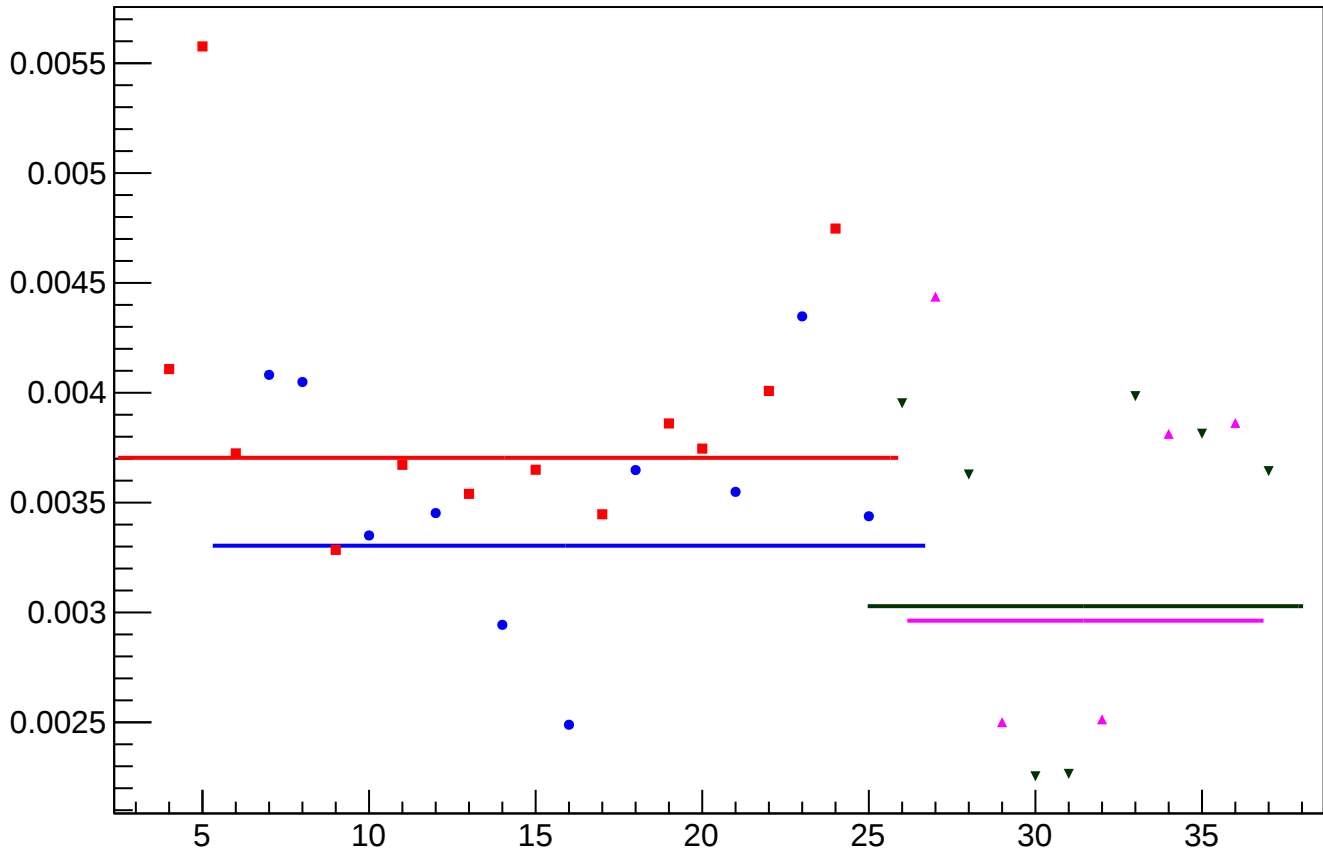
Right Out: -0.286+/-0.000 χ^2/NDF : 270487970.3/11

Left In: -0.417+/-0.000 χ^2/NDF : 892105853.5/4

-0.370+/-0.000 χ^2/NDF : 13192144002.3/16

-0.346+/-0.000 χ^2/NDF : 4459817361.1/16

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 : 412903.7/6

Right Out: 0.004+/-0.000 χ^2/NDF : 119237.1/11

Left In: 0.003+/-0.000 χ^2/NDF : 381025.5/4

0.003+/-0.000 χ^2/NDF : 752806.9/16

0.003+/-0.000 χ^2/NDF : 713420.6/16