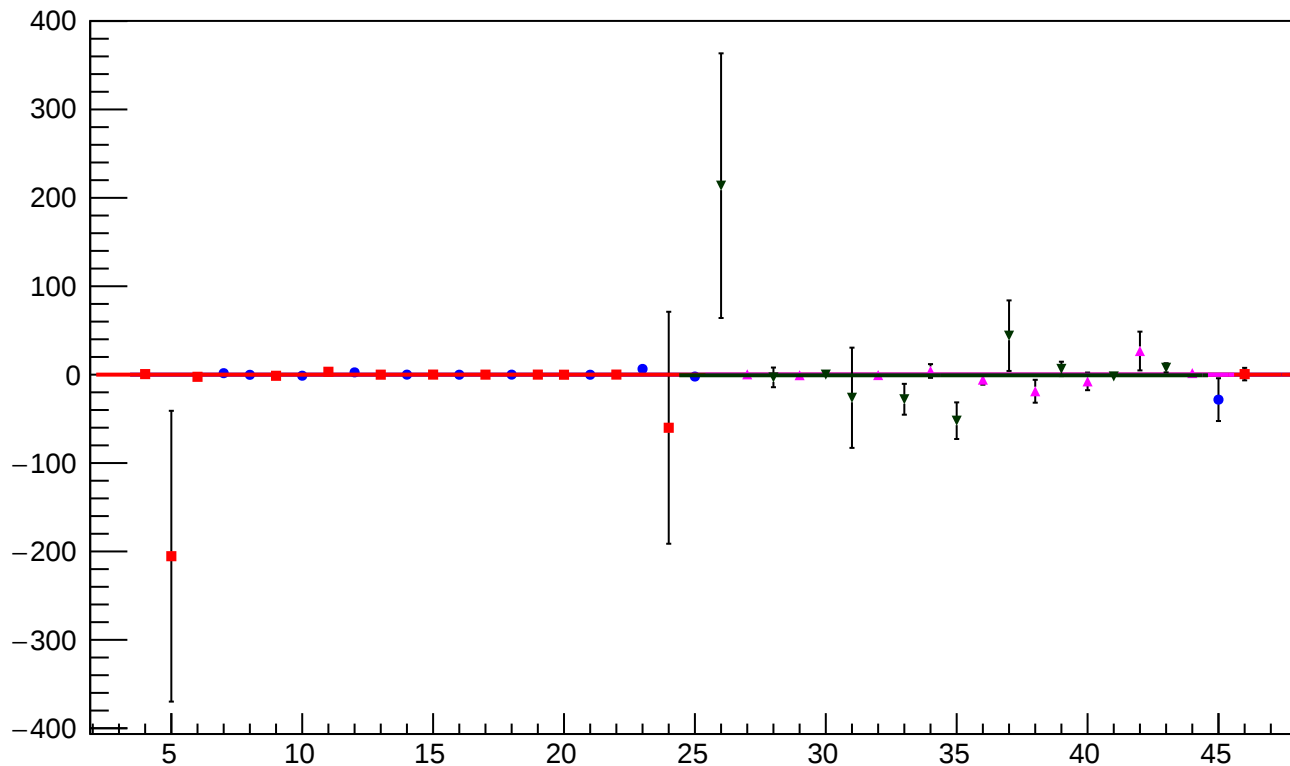


diff_cav4bX_mean vs slug



Right In: -0.014+/-0.014

Left Out: -0.705+/-1.554

Right Out: 0.017+/-0.016

Left In: -0.086+/-0.168

χ^2/NDF : 19.3/10

χ^2/NDF : 16.1/9

χ^2/NDF : 19.3/12

χ^2/NDF : 15.5/8

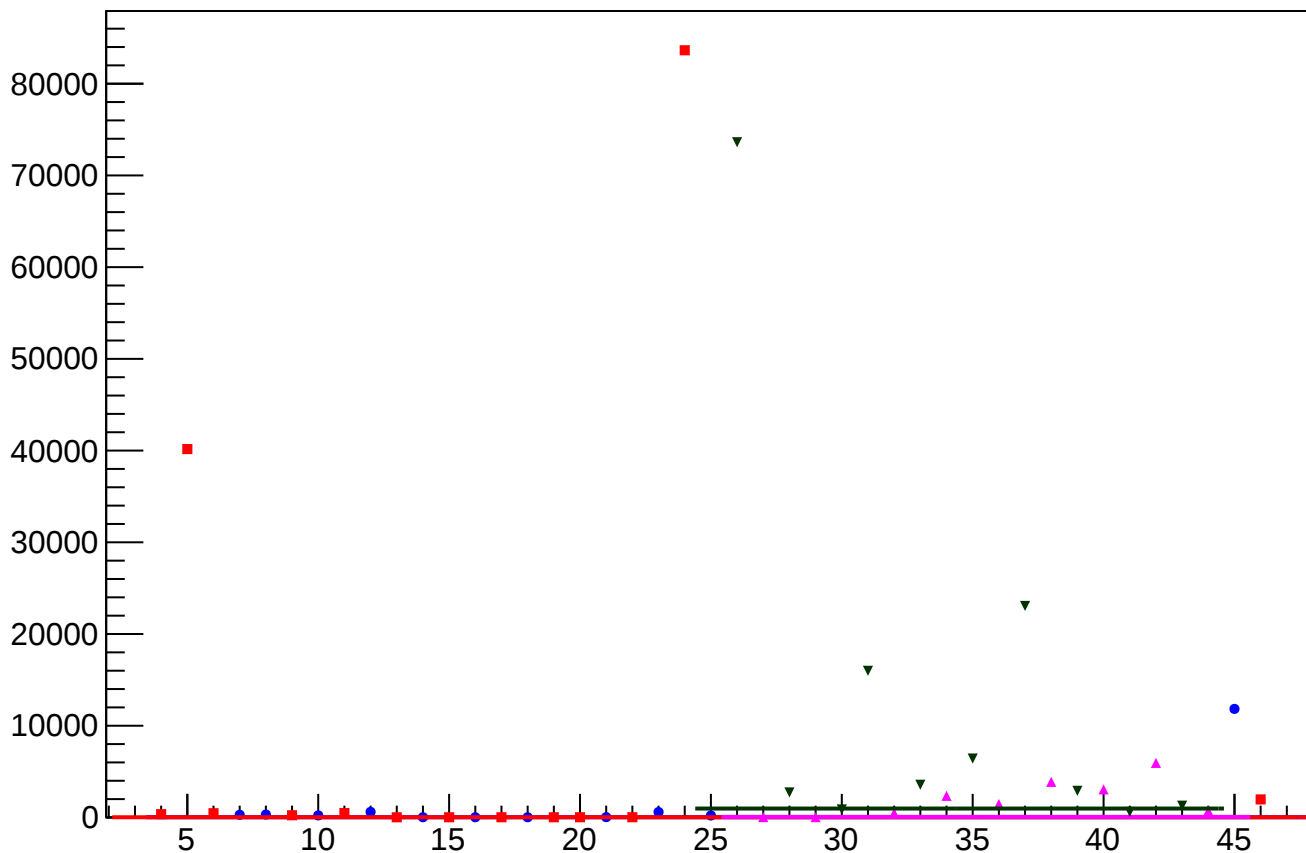
-0.014+/-0.014

0.016+/-0.016

χ^2/NDF : 35.6/20

χ^2/NDF : 35.2/21

diff_cav4bX_rms vs slug



Right In: 22.403 ± 0.010 $\chi^2/\text{NDF}: 1247279.6/10$

Left Out: 971.291 ± 1.099 $\chi^2/\text{NDF}: 1644176.9/9$

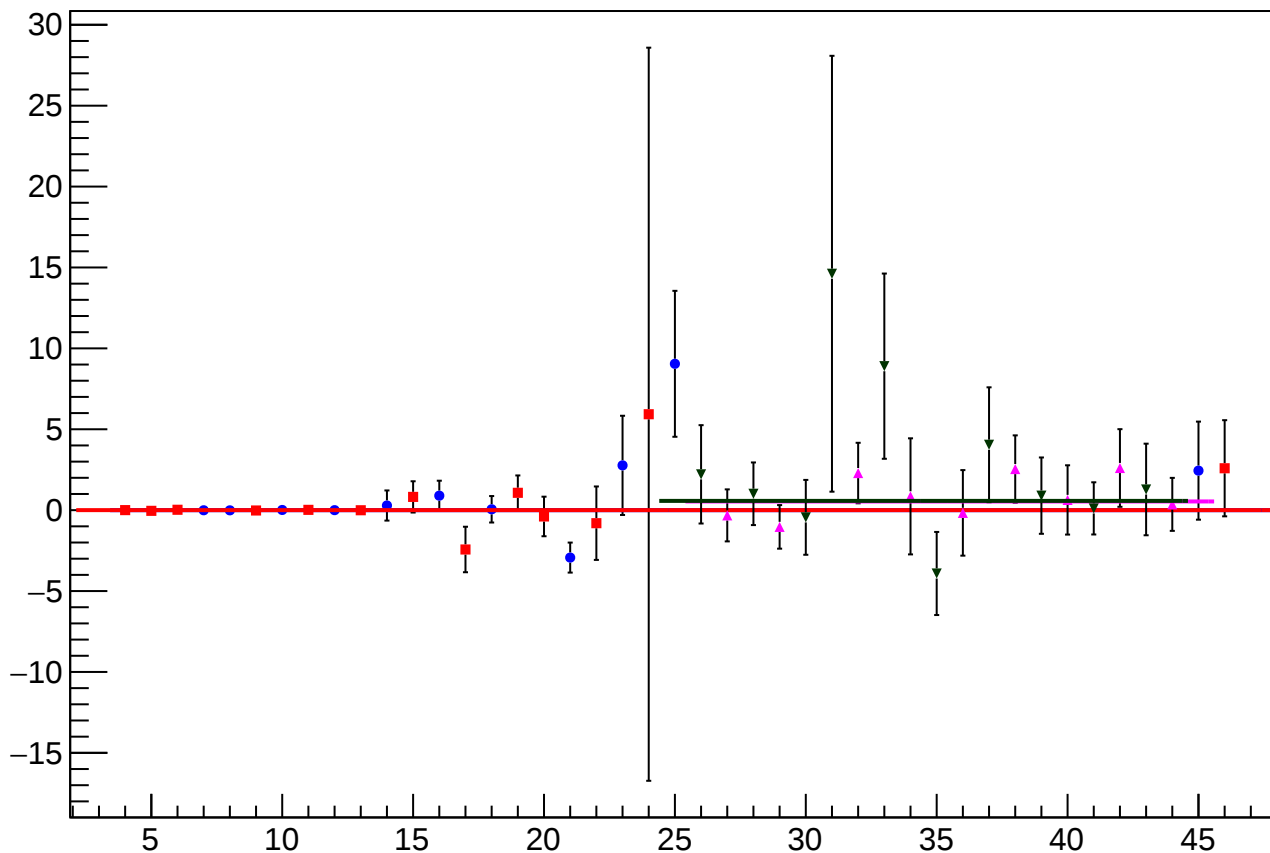
Right Out: 22.585 ± 0.011 $\chi^2/\text{NDF}: 1560886.9/12$

Left In: 61.510 ± 0.119 $\chi^2/\text{NDF}: 1572648.7/8$

22.483 ± 0.010 $\chi^2/\text{NDF}: 3637376.5/20$

22.940 ± 0.011 $\chi^2/\text{NDF}: 3239646.1/21$

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 χ^2/NDF : 18.8/10

Left Out: 0.573 ± 0.812 χ^2/NDF : 7.9/9

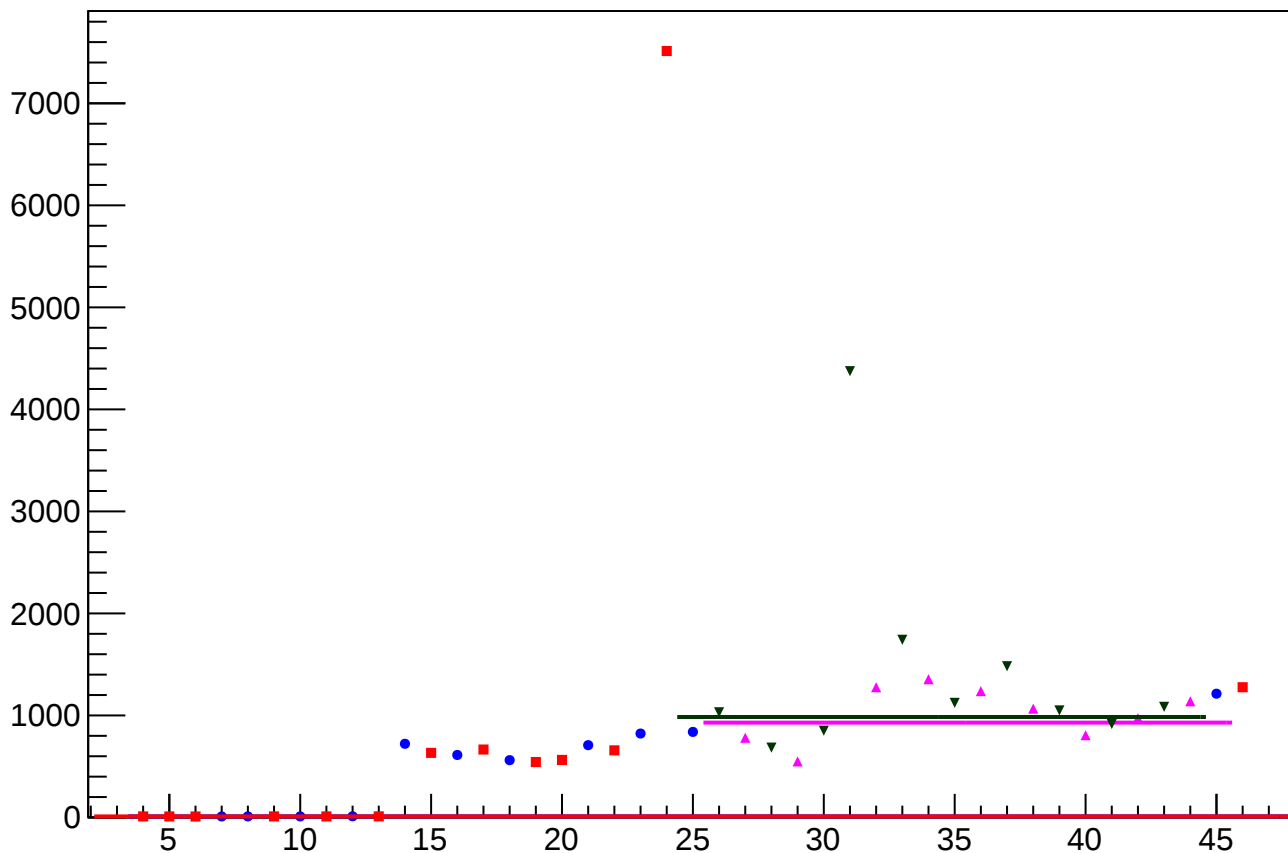
Right Out: 0.002 ± 0.005 χ^2/NDF : 17.7/12

Left In: 0.538 ± 0.640 χ^2/NDF : 4.3/8

-0.001 ± 0.006 χ^2/NDF : 27.2/20

0.002 ± 0.005 χ^2/NDF : 22.7/21

diff_cav4bY_rms vs slug



Right In: 10.495+/-0.005 χ^2/NDF : 4592703.5/10

Left Out: 984.552+/-0.574 χ^2/NDF : 269608.6/9

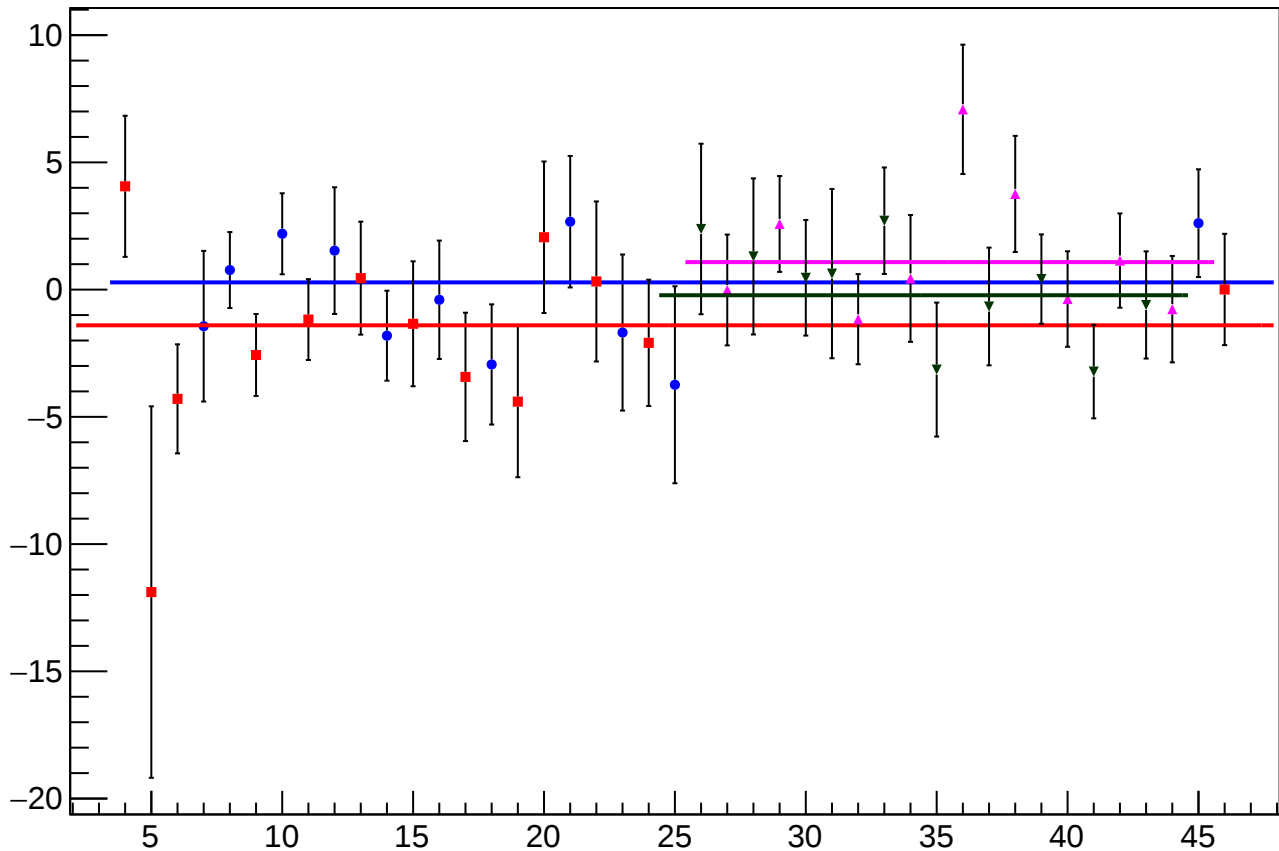
Right Out: 10.079+/-0.004 χ^2/NDF : 2926467.3/12

Left In: 929.625+/-0.453 χ^2/NDF : 348934.3/8

10.557+/-0.005 χ^2/NDF : 7742890.5/20

10.145+/-0.004 χ^2/NDF : 7401668.5/21

diff_cav4cX_mean vs slug



Right In: 0.284 ± 0.652 $\chi^2/\text{NDF}: 9.0/10$

Left Out: -0.221 ± 0.728 $\chi^2/\text{NDF}: 7.1/9$

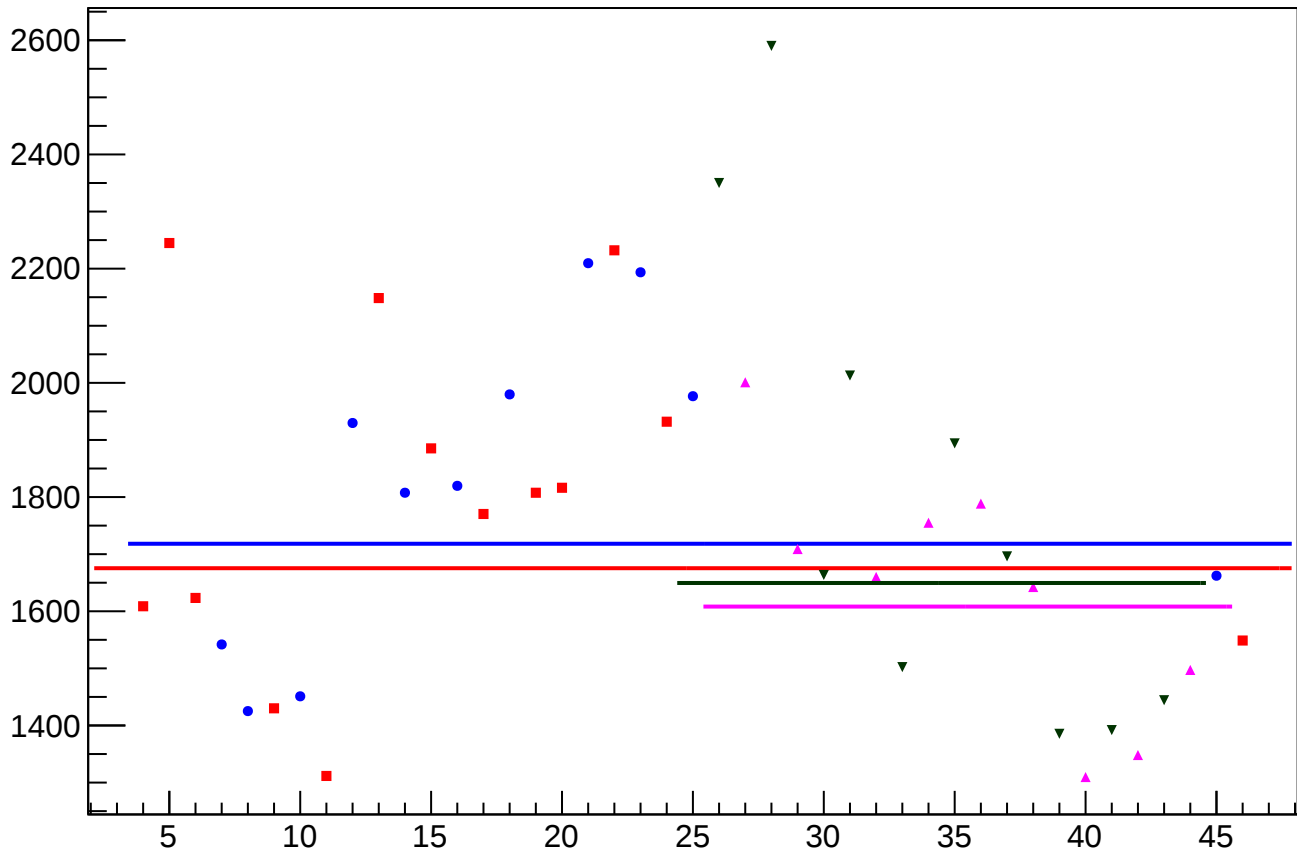
Right Out: -1.403 ± 0.649 $\chi^2/\text{NDF}: 12.8/12$

Left In: 1.080 ± 0.686 $\chi^2/\text{NDF}: 10.9/8$

0.059 ± 0.486 $\chi^2/\text{NDF}: 16.4/20$

-0.230 ± 0.472 $\chi^2/\text{NDF}: 30.6/21$

diff_cav4cX_rms vs slug



Right In: 1718.238 $\pm$ 0.461 χ^2 /NDF: 319267.8/10

Left Out: 1649.544 $\pm$ 0.515 χ^2 /NDF: 430962.0/9

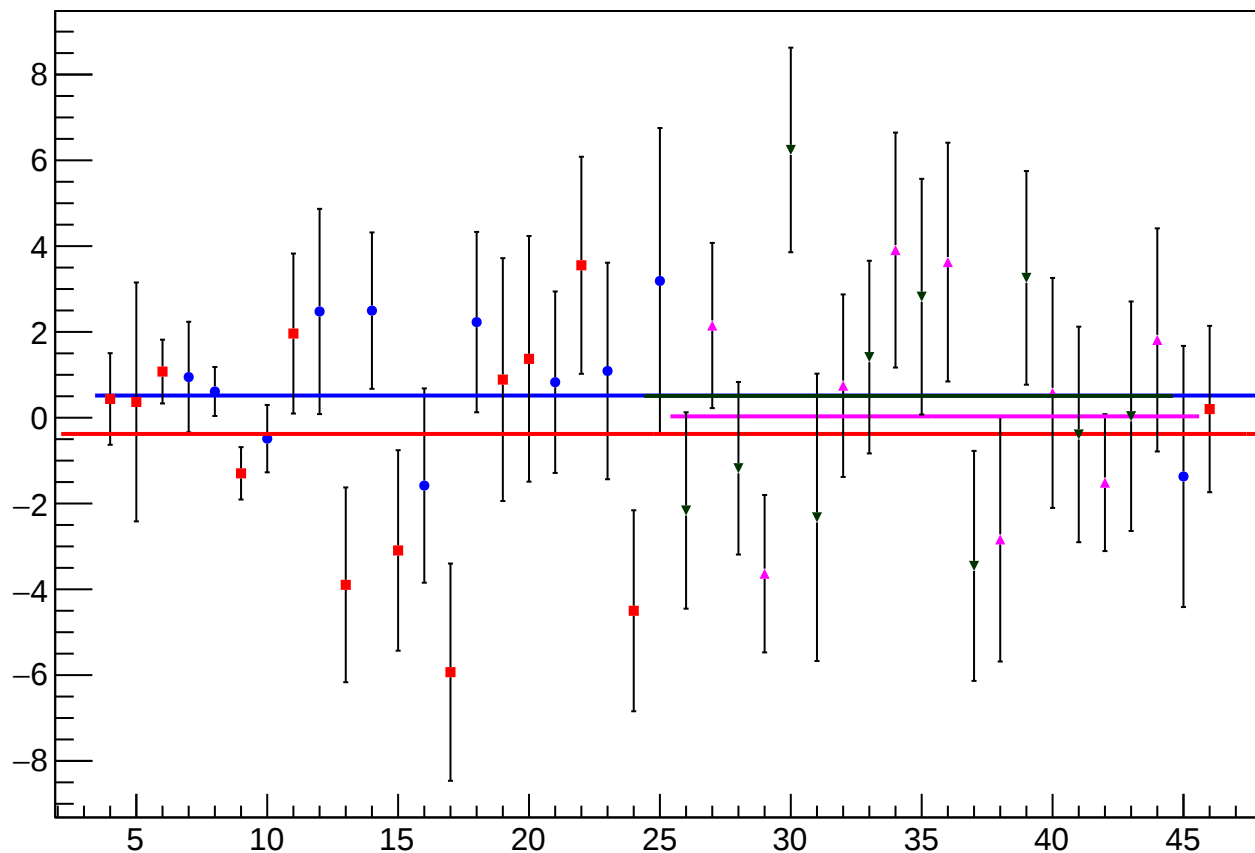
Right Out: 1675.412 $\pm$ 0.459 χ^2 /NDF: 373356.1/12

Left In: 1608.232 $\pm$ 0.485 χ^2 /NDF: 185602.9/8

1687.659 $\pm$ 0.344 χ^2 /NDF: 760102.1/20

1643.688 $\pm$ 0.333 χ^2 /NDF: 569074.0/21

diff_cav4cY_mean vs slug



Right In: 0.517 ± 0.385 χ^2/NDF : 6.2/10

Left Out: 0.508 ± 0.783 χ^2/NDF : 13.0/9

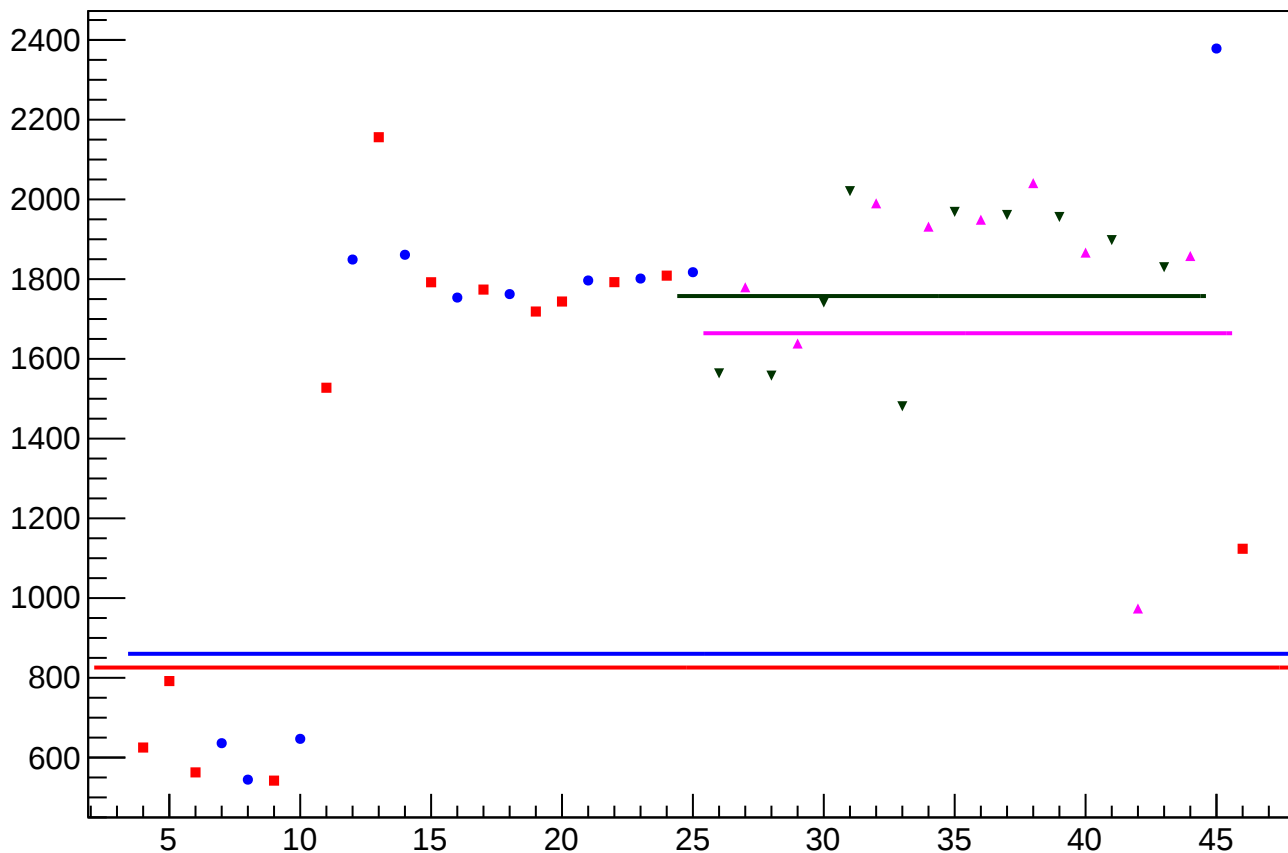
Right Out: -0.378 ± 0.373 χ^2/NDF : 23.1/12

Left In: 0.032 ± 0.735 χ^2/NDF : 11.5/8

0.515 ± 0.345 χ^2/NDF : 19.2/20

-0.294 ± 0.333 χ^2/NDF : 34.8/21

diff_cav4cY_rms vs slug



Right In: 860.224+/-0.272 χ^2/NDF : 3755407.7/10

Left Out: 1757.602+/-0.553 χ^2/NDF :120517.6/9

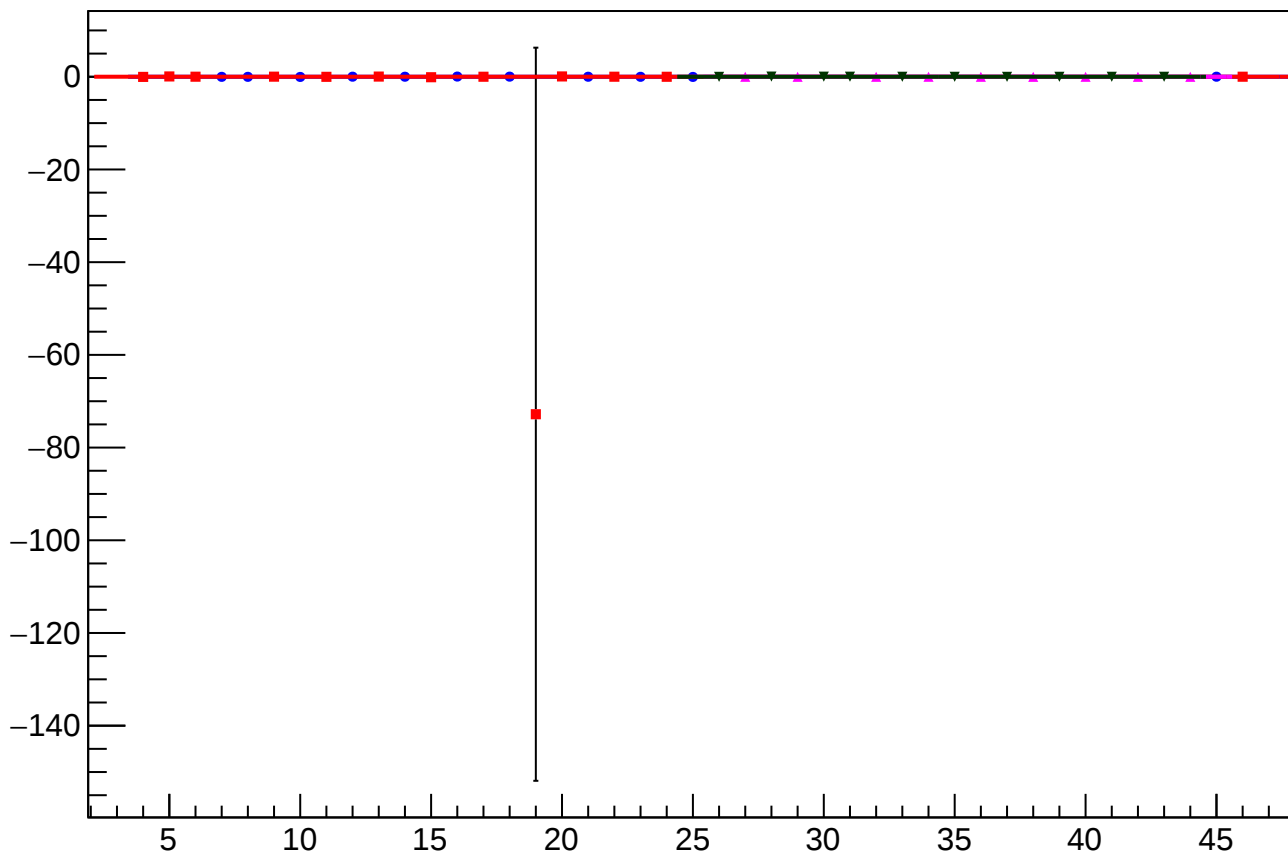
Right Out: 825.765+/-0.264 χ^2/NDF : 3441471.0/12

Left In: 1664.321+/-0.519 χ^2/NDF :526488.2/8

1034.936+/-0.244 χ^2/NDF : 5993521.8/20

997.980+/-0.235 χ^2/NDF : 6039218.7/21

diff_cav4dX_mean vs slug



Right In: 0.001 $\pm$ 0.007 χ^2 /NDF: 8.0/10

Left Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.6/9

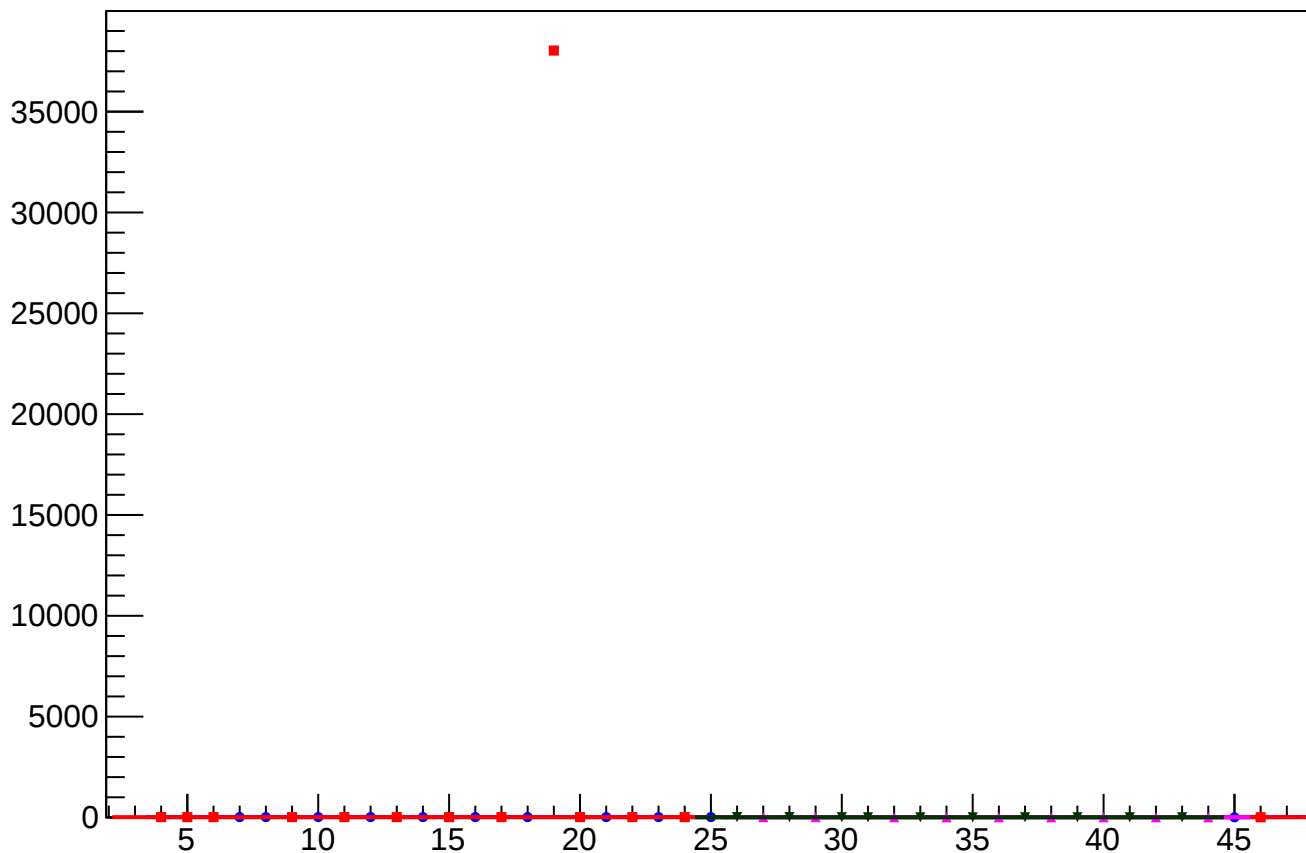
Right Out: 0.012 $\pm$ 0.007 χ^2 /NDF: 11.3/12

Left In: -0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.001 $\pm$ 0.004 χ^2 /NDF: 16.7/20

0.001 $\pm$ 0.004 χ^2 /NDF: 15.9/21

diff_cav4dX_rms vs slug



Right In: 14.701+/-0.005 χ^2 /NDF: 798726.3/10

Left Out: 9.339+/-0.003 χ^2 /NDF: 592494.4/9

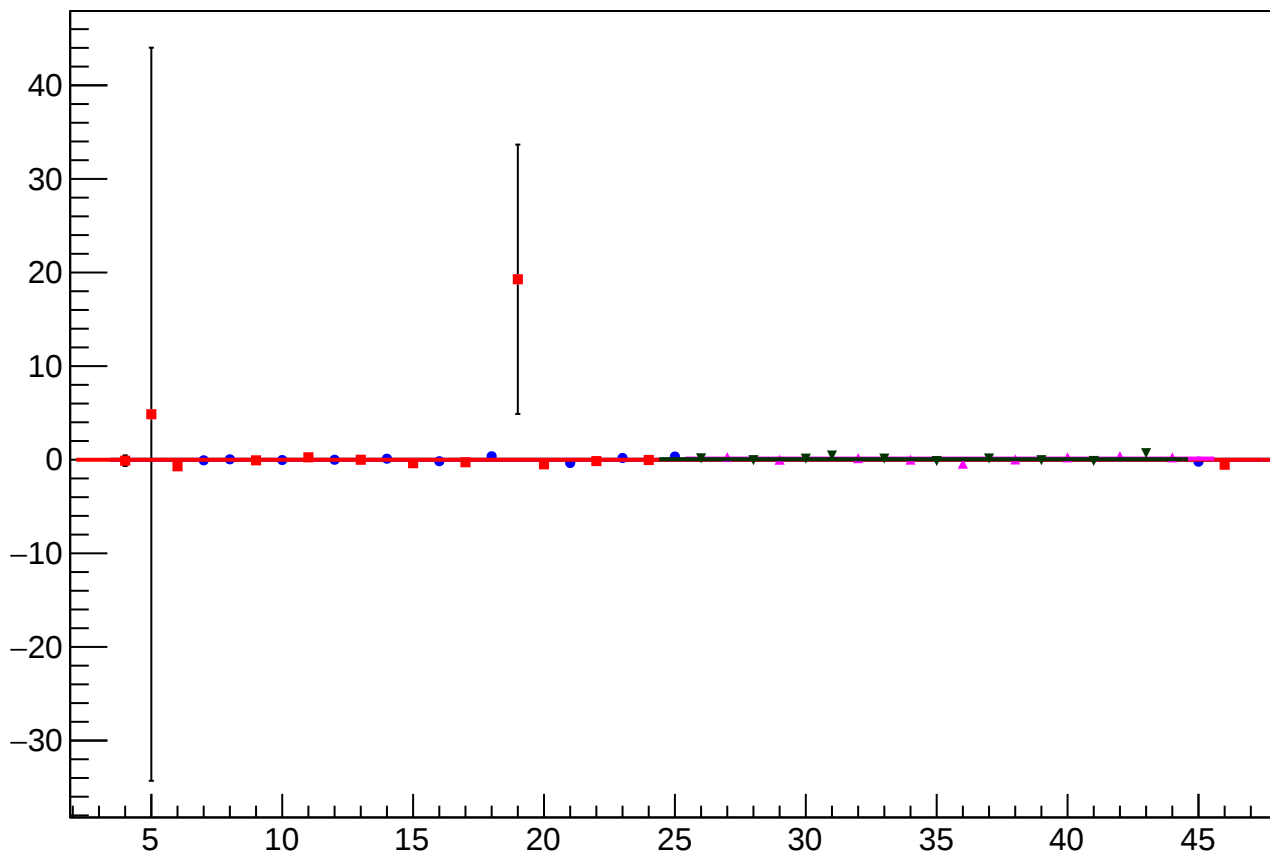
Right Out: 15.260+/-0.005 χ^2 /NDF: 1102636.0/12

Left In: 9.359+/-0.003 χ^2 /NDF: 755521.7/8

10.927+/-0.003 χ^2 /NDF: 2346561.5/20

10.926+/-0.002 χ^2 /NDF: 2946509.0/21

diff_cav4dY_mean vs slug



Right In: -0.003 $\pm$ 0.003 χ^2 /NDF: 16.2/10

Left Out: 0.055 $\pm$ 0.058 χ^2 /NDF:11.5/9

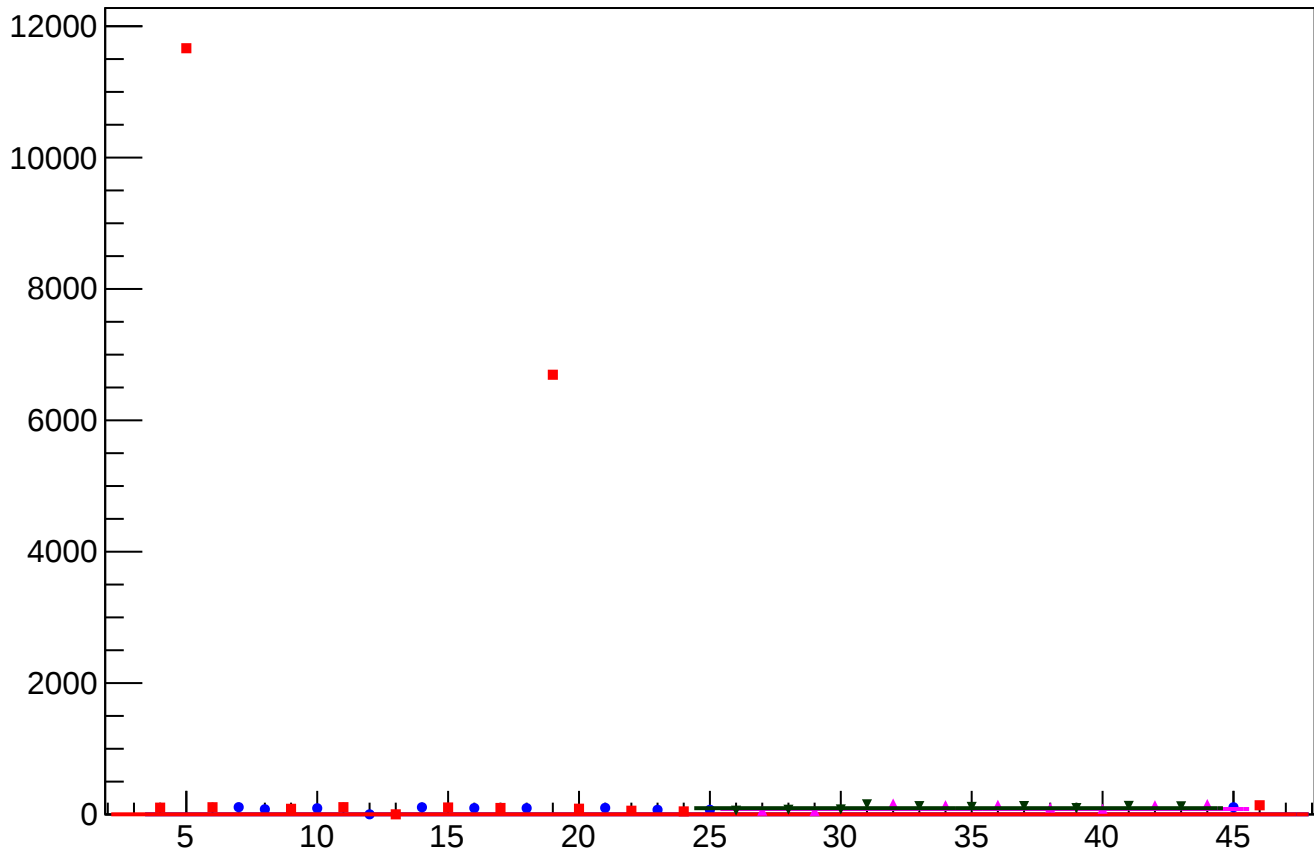
Right Out: -0.003 $\pm$ 0.003 χ^2 /NDF: 14.7/12

Left In: 0.127 $\pm$ 0.053 χ^2 /NDF:9.8/8

-0.003 $\pm$ 0.003 χ^2 /NDF: 28.7/20

-0.002 $\pm$ 0.003 χ^2 /NDF: 30.3/21

diff_cav4dY_rms vs slug



Right In: 2.162 $\pm$ 0.002 χ^2 /NDF: 6466260.7/10

Left Out: 95.280 $\pm$ 0.041 χ^2 /NDF: 442454.1/9

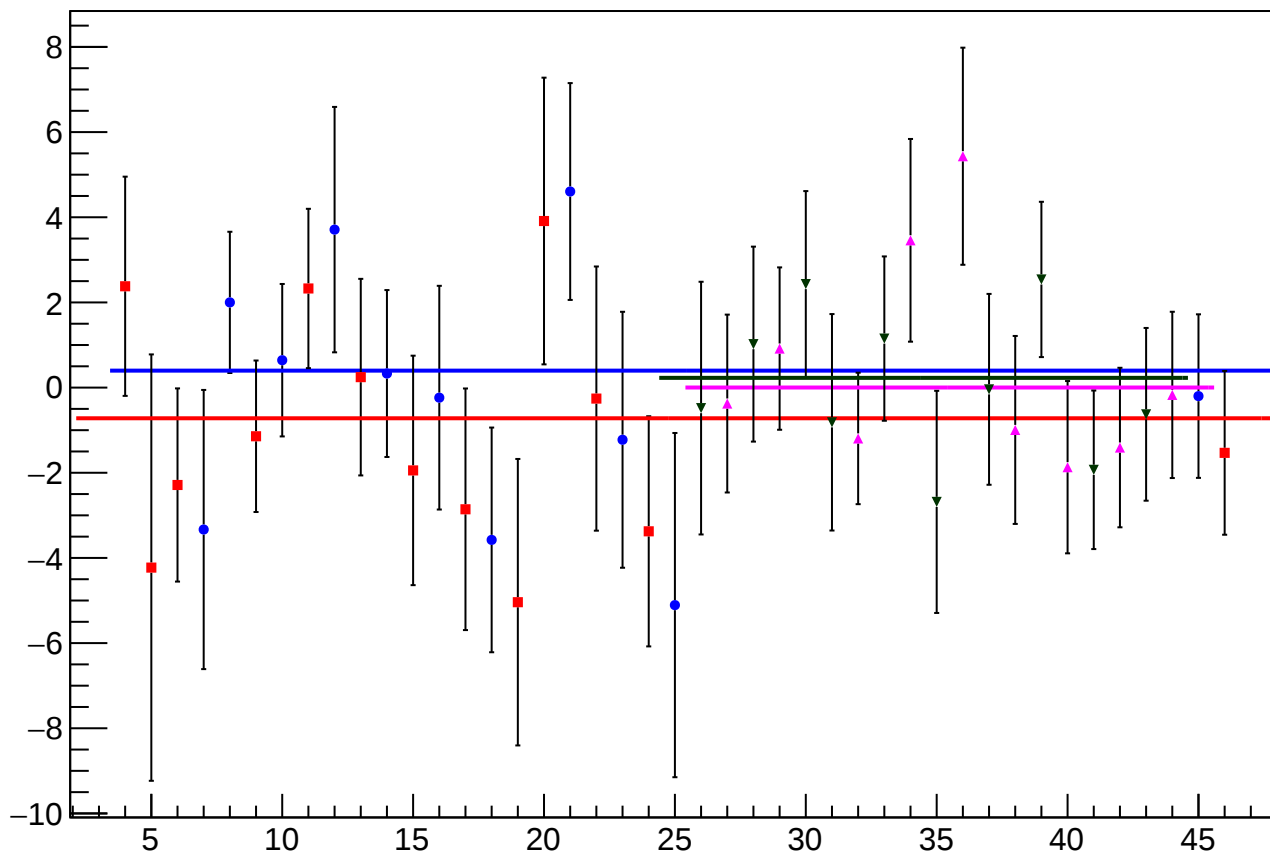
2.423 $\pm$ 0.002 χ^2 /NDF: 12049295.8/20

Right Out: 2.066 $\pm$ 0.002 χ^2 /NDF: 4538424.0/12

2.326 $\pm$ 0.002 χ^2 /NDF: 10204696.6/21

Left In: 82.887 $\pm$ 0.038 χ^2 /NDF: 1078939.0/8

diff_bpm4aX_mean vs slug



Right In: 0.398 ± 0.701 χ^2/NDF : 10.9/10

Left Out: 0.229 ± 0.687 χ^2/NDF : 6.0/9

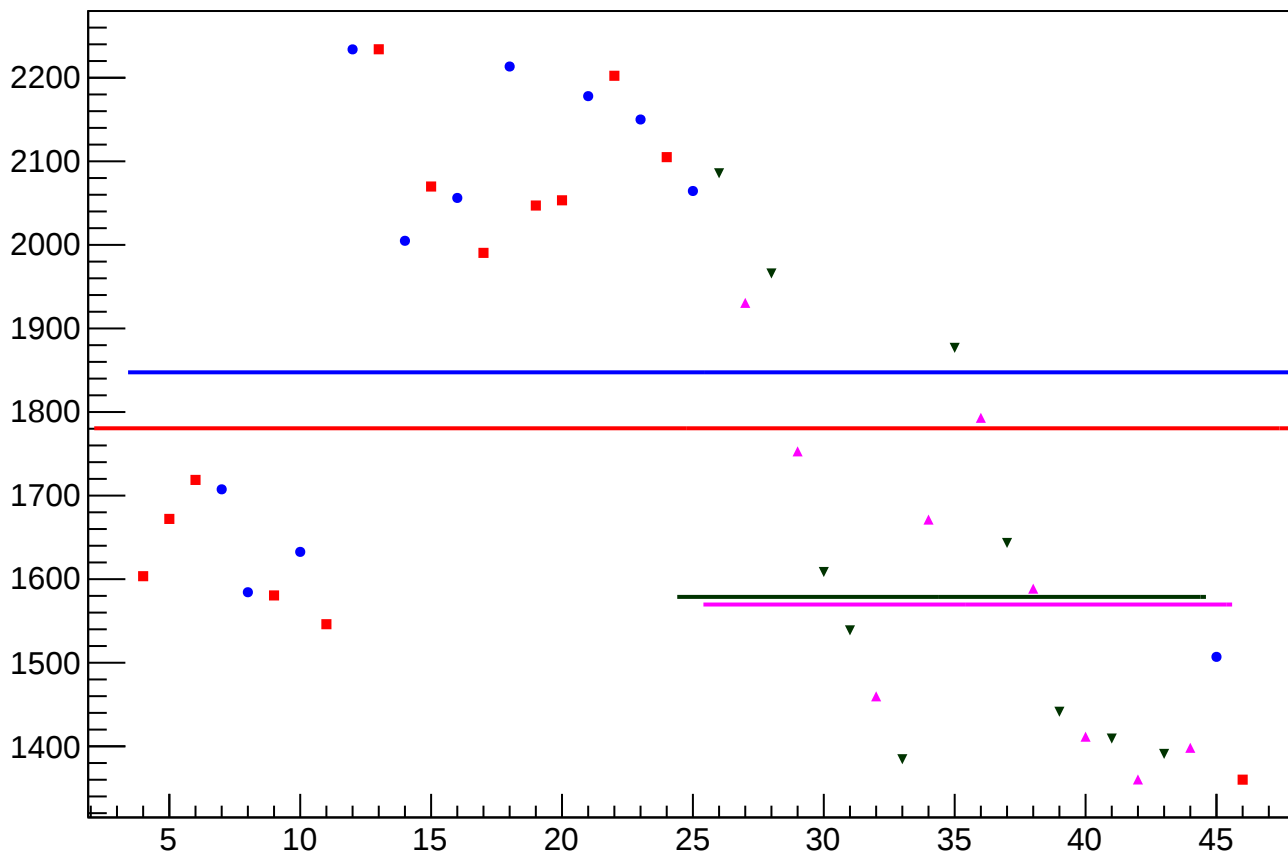
Right Out: -0.720 ± 0.686 χ^2/NDF : 10.8/12

Left In: 0.002 ± 0.666 χ^2/NDF : 9.1/8

0.312 ± 0.491 χ^2/NDF : 16.9/20

-0.349 ± 0.478 χ^2/NDF : 20.5/21

diff_bpm4aX_rms vs slug



Right In: 1847.507 $\pm$ 0.496 χ^2 /NDF: 305388.8/10

Left Out: 1578.790 $\pm$ 0.486 χ^2 /NDF:209553.9/9

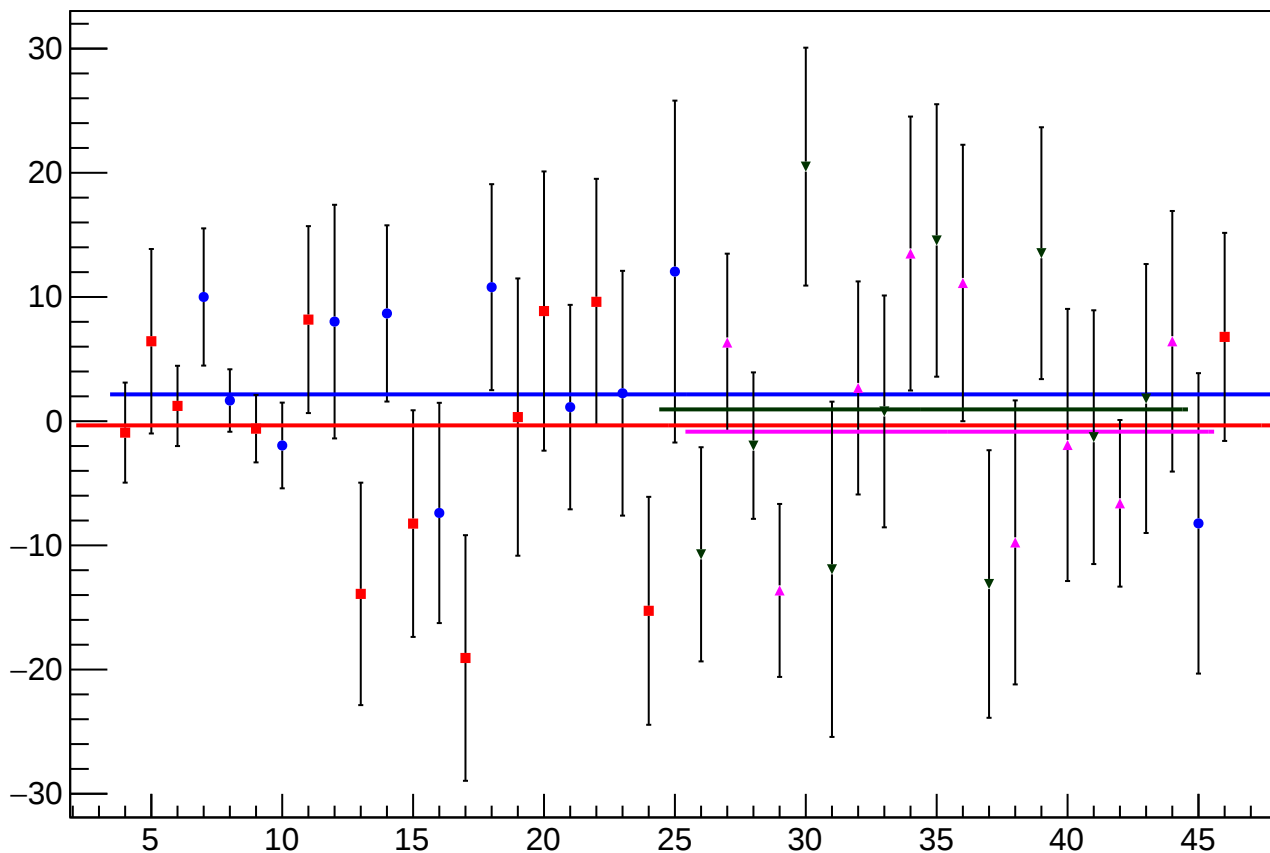
Right Out: 1780.542 $\pm$ 0.485 χ^2 /NDF: 366939.0/12

Left In: 1569.664 $\pm$ 0.471 χ^2 /NDF:160150.1/8

1710.540 $\pm$ 0.347 χ^2 /NDF: 664782.5/20

1672.042 $\pm$ 0.338 χ^2 /NDF: 624314.8/21

diff_bpm4aY_mean vs slug



Right In: 2.159 ± 1.643 $\chi^2/\text{NDF}: 8.2/10$

Left Out: 0.949 ± 2.951 $\chi^2/\text{NDF}: 12.0/9$

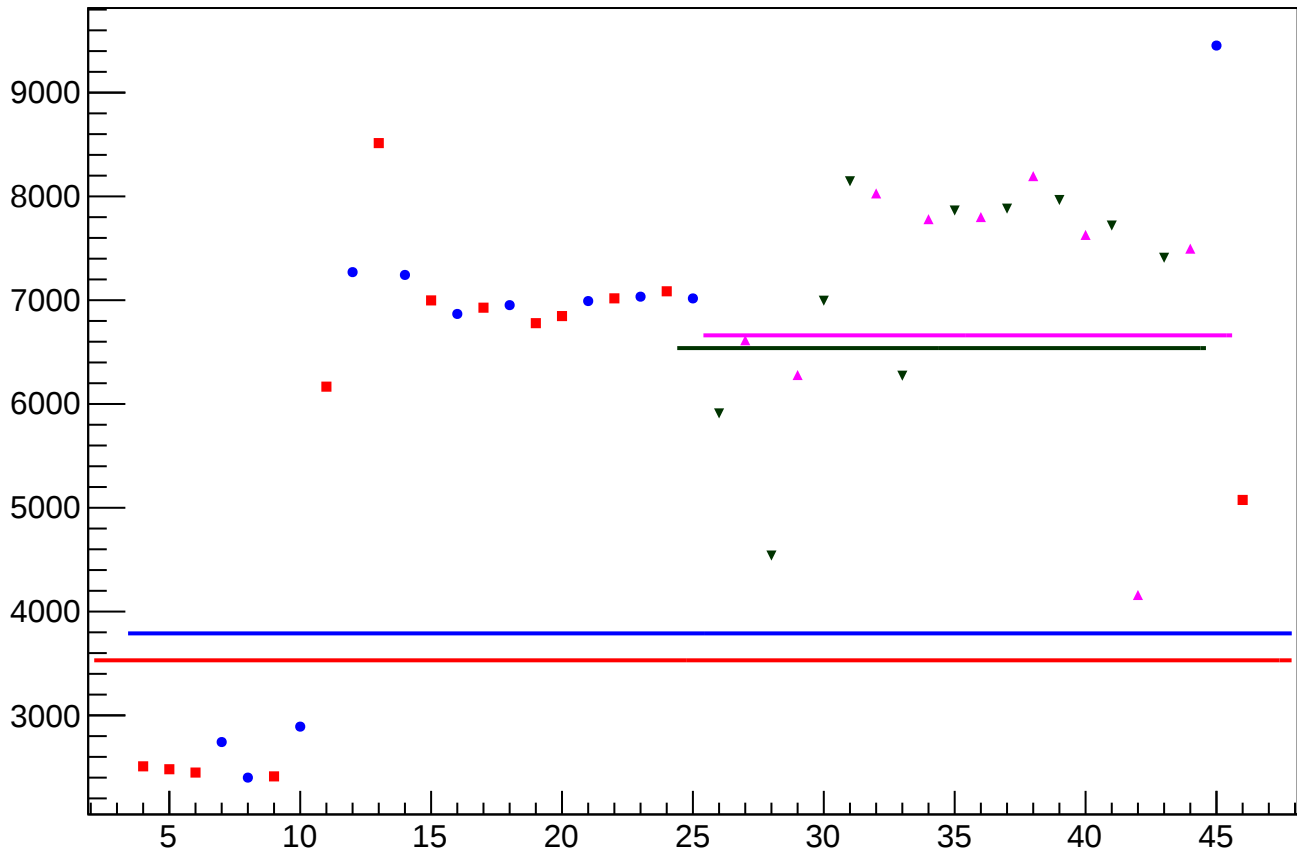
Right Out: -0.339 ± 1.551 $\chi^2/\text{NDF}: 14.1/12$

Left In: -0.846 ± 2.920 $\chi^2/\text{NDF}: 9.2/8$

1.872 ± 1.435 $\chi^2/\text{NDF}: 20.3/20$

-0.451 ± 1.370 $\chi^2/\text{NDF}: 23.3/21$

diff_bpm4aY_rms vs slug



Right In: 3789.751+/-1.162 χ^2/NDF : 3165259.3/10

Left Out: 6538.498+/-2.087 χ^2/NDF :414494.7/9

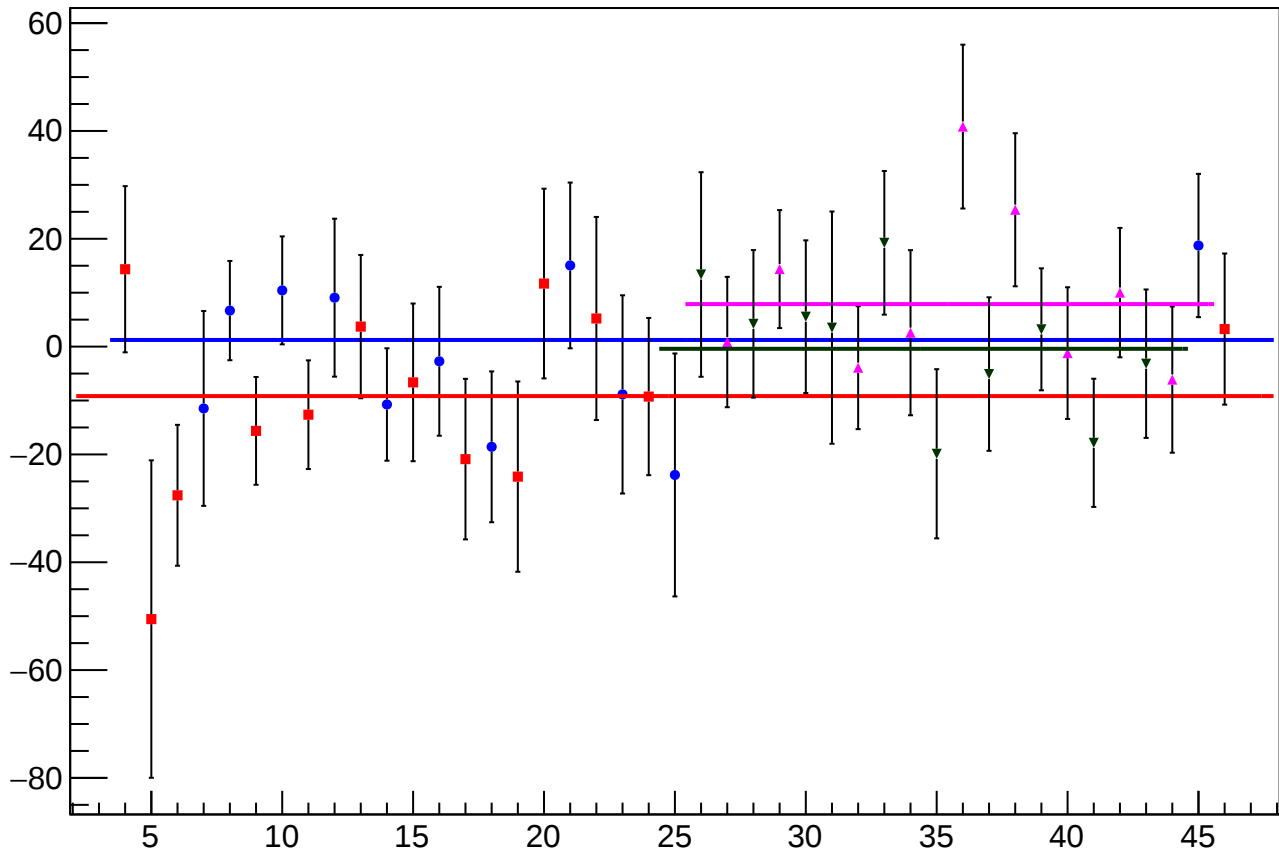
4440.176+/-1.015 χ^2/NDF : 4904397.7/20

Right Out: 3530.314+/-1.097 χ^2/NDF : 3080572.6/12

4219.447+/-0.969 χ^2/NDF : 5315243.5/21

Left In: 6661.262+/-2.064 χ^2/NDF :440852.9/8

diff_bpm4eX_mean vs slug



Right In: 1.234 ± 3.957 $\chi^2/\text{NDF}: 9.5/10$

Left Out: -0.408 ± 4.470 $\chi^2/\text{NDF}: 7.0/9$

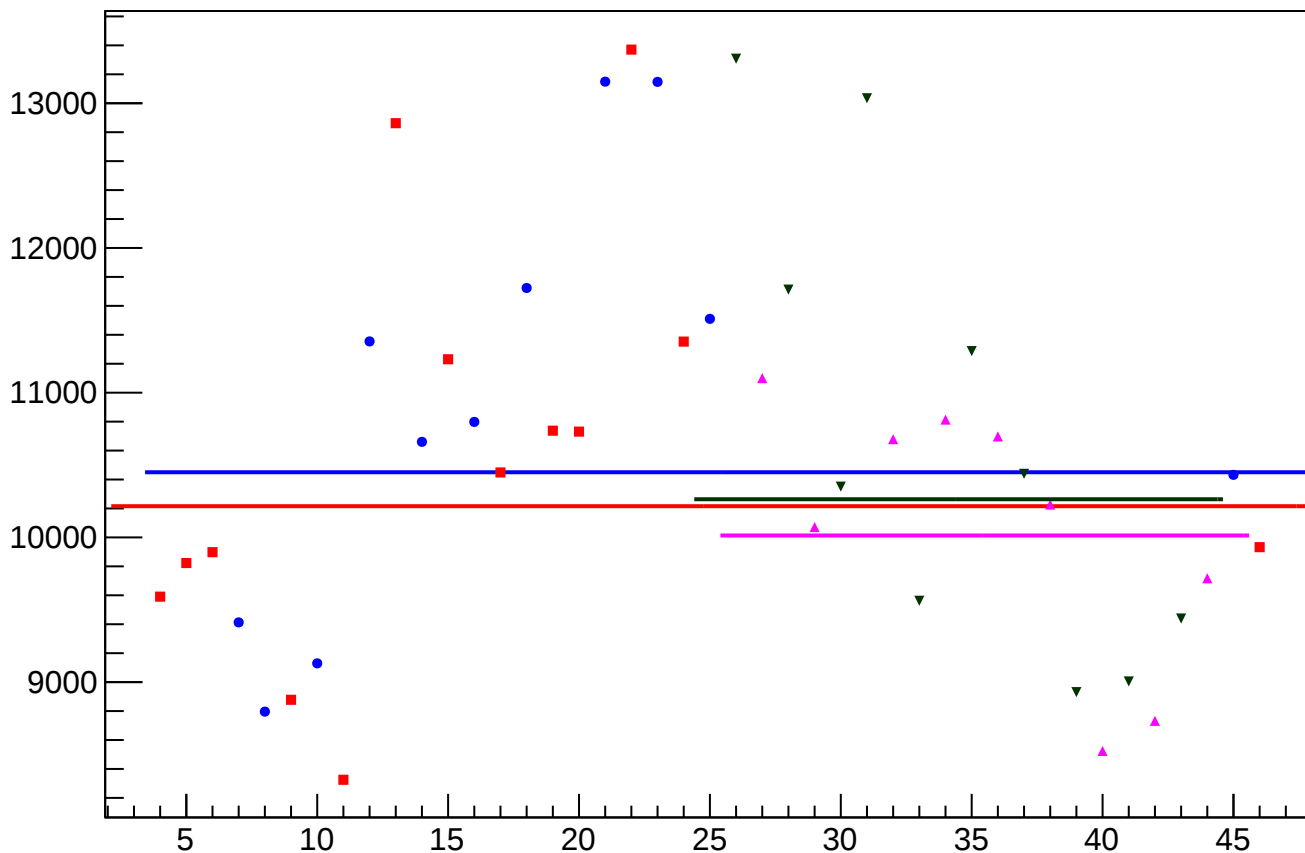
Right Out: -9.177 ± 3.924 $\chi^2/\text{NDF}: 11.9/12$

Left In: 7.884 ± 4.244 $\chi^2/\text{NDF}: 9.7/8$

0.512 ± 2.963 $\chi^2/\text{NDF}: 16.5/20$

-1.315 ± 2.881 $\chi^2/\text{NDF}: 30.4/21$

diff_bpm4eX_rms vs slug



Right In: 10450.205+/-2.798 χ^2/NDF : 241367.4/10

Left Out: 10263.647+/-3.161 χ^2/NDF :178797.8/9

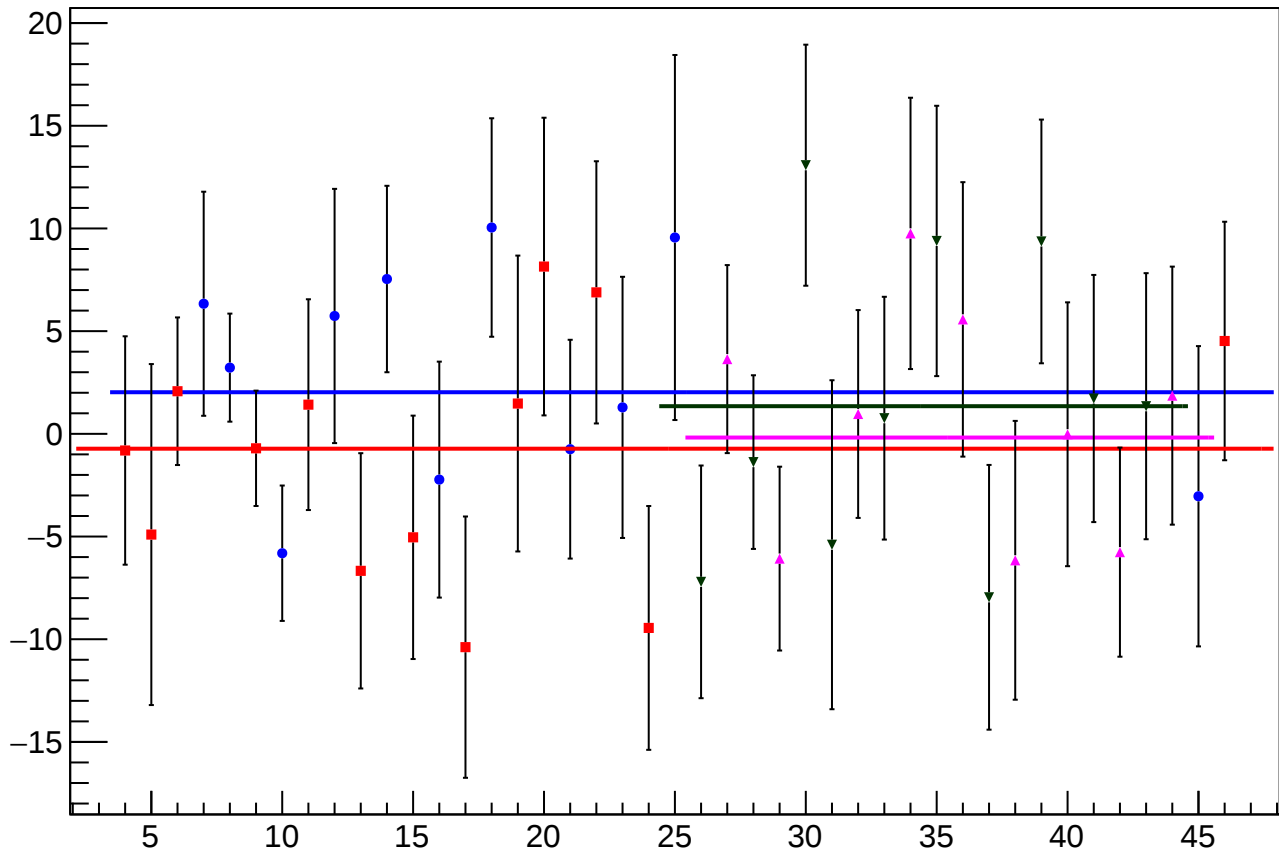
Right Out: 10215.643+/-2.774 χ^2/NDF : 272958.0/12

Left In: 10013.319+/-3.001 χ^2/NDF :86488.8/8

10368.240+/-2.095 χ^2/NDF : 422118.6/20

10122.406+/-2.037 χ^2/NDF : 361897.6/21

diff_bpm4eY_mean vs slug



Right In: 2.026 ± 1.412 χ^2/NDF : 12.6/10

Left Out: 1.346 ± 1.865 χ^2/NDF : 12.8/9

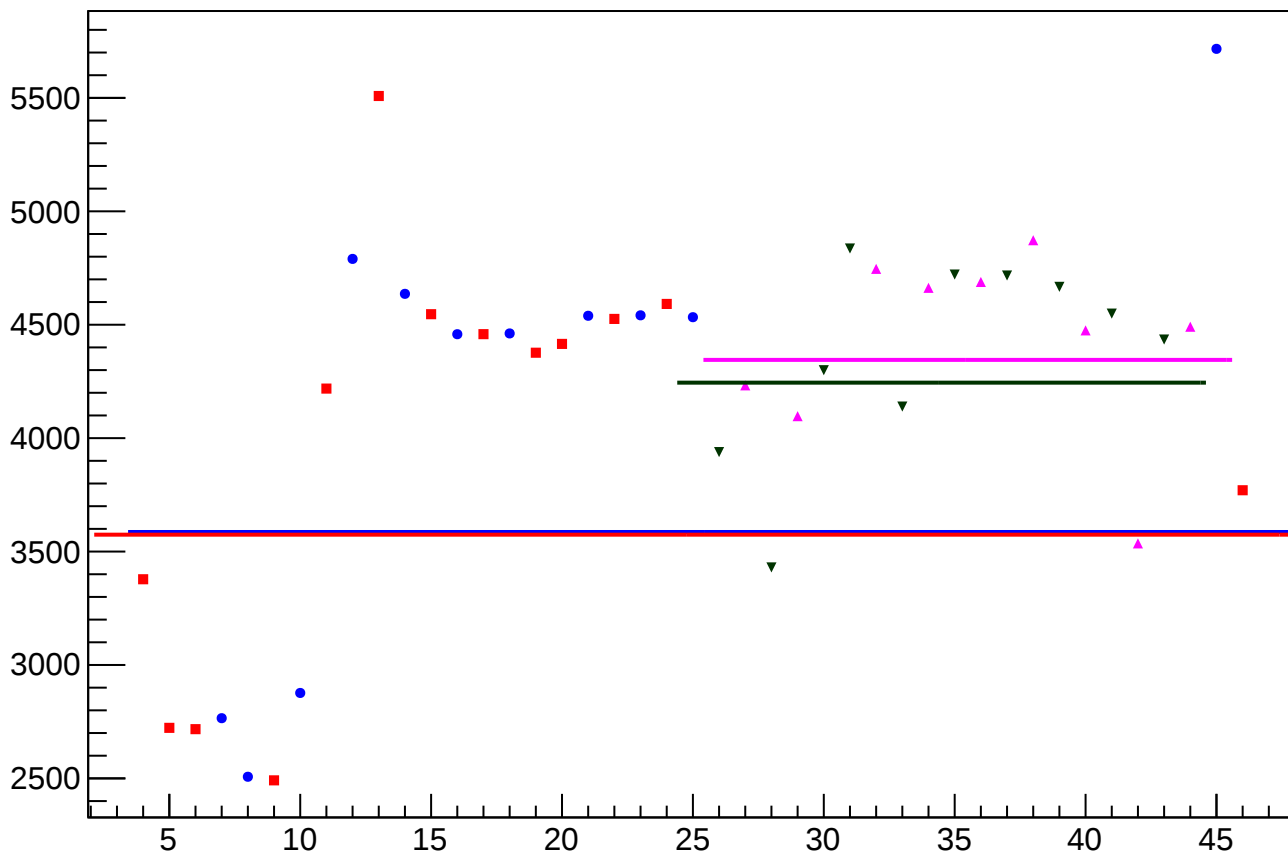
Right Out: -0.723 ± 1.423 χ^2/NDF : 10.9/12

Left In: -0.180 ± 1.851 χ^2/NDF : 7.6/8

1.778 ± 1.126 χ^2/NDF : 25.5/20

-0.521 ± 1.128 χ^2/NDF : 18.6/21

diff_bpm4eY_rms vs slug



Right In: 3586.248+/-0.998 χ^2/NDF : 1059219.2/10

Left Out: 4244.655+/-1.319 χ^2/NDF :130015.1/9

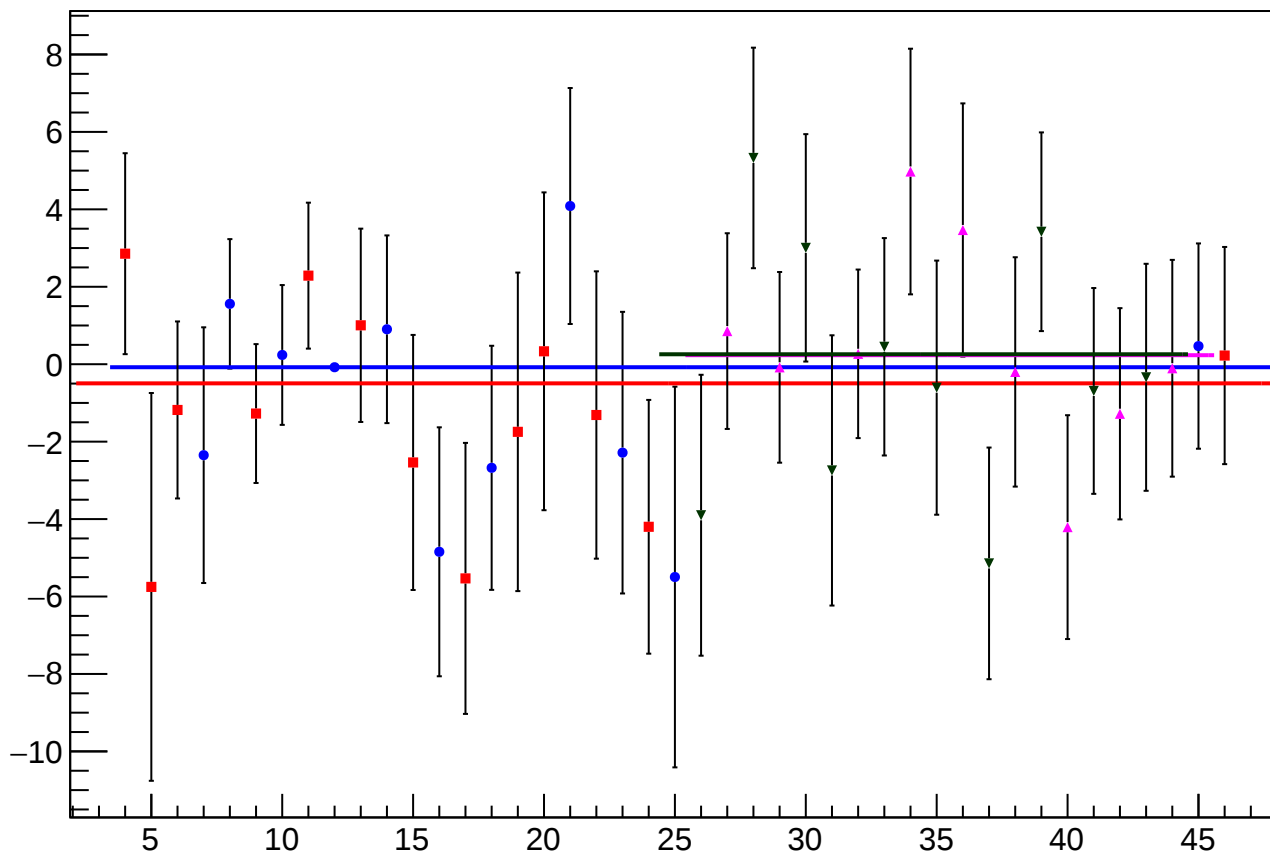
Right Out: 3574.462+/-1.006 χ^2/NDF : 944018.8/12

Left In: 4345.018+/-1.309 χ^2/NDF :94341.4/8

3826.000+/-0.796 χ^2/NDF : 1347674.7/20

3860.791+/-0.798 χ^2/NDF : 1256194.4/21

diff_bpm4acX_mean vs slug



Right In: -0.078 ± 0.060 $\chi^2/\text{NDF}: 8.0/10$

Left Out: 0.257 ± 0.937 $\chi^2/\text{NDF}: 11.1/9$

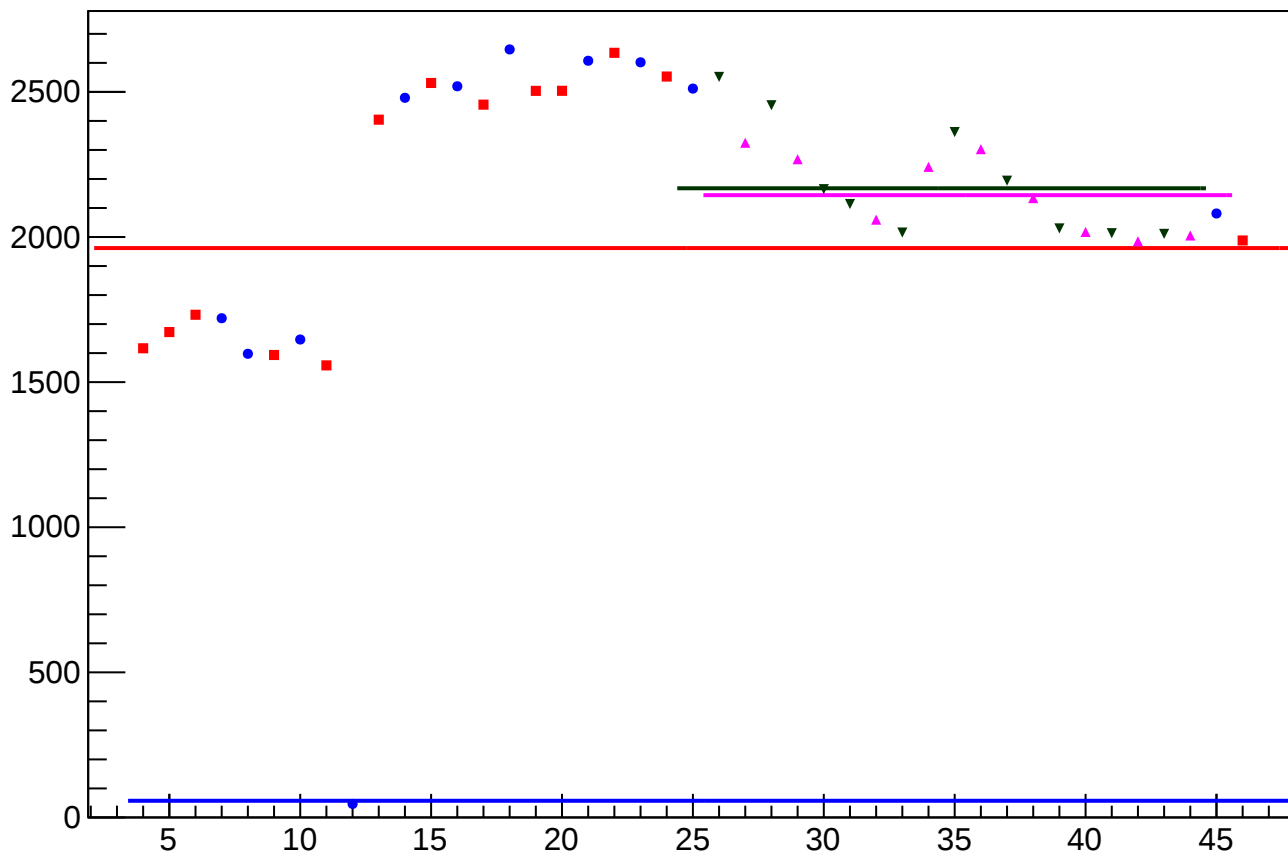
Right Out: -0.495 ± 0.763 $\chi^2/\text{NDF}: 9.6/12$

Left In: 0.233 ± 0.905 $\chi^2/\text{NDF}: 6.0/8$

-0.077 ± 0.060 $\chi^2/\text{NDF}: 19.2/20$

-0.192 ± 0.583 $\chi^2/\text{NDF}: 15.9/21$

diff_bpm4acX_rms vs slug



Right In: 57.470+/-0.043 χ^2 /NDF: 12379068.6/10

Left Out: 2167.933+/-0.663 χ^2 /NDF: 74393.9/9

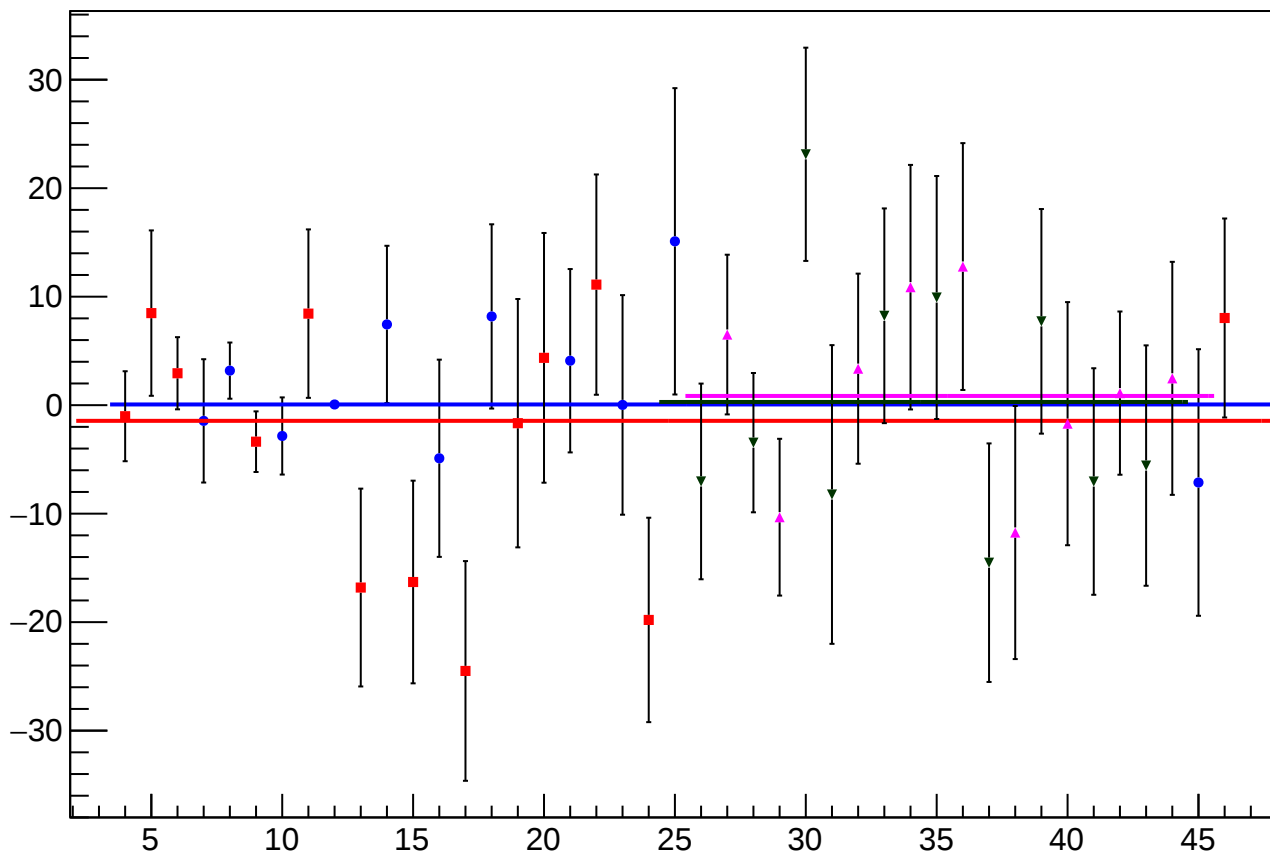
Right Out: 1961.948+/-0.540 χ^2 /NDF: 601581.2/12

Left In: 2144.257+/-0.640 χ^2 /NDF: 40455.1/8

66.129+/-0.042 χ^2 /NDF: 22554455.8/20

2037.694+/-0.412 χ^2 /NDF: 689478.5/21

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 χ^2/NDF : 6.1/10

Left Out: 0.294 ± 3.082 χ^2/NDF : 11.3/9

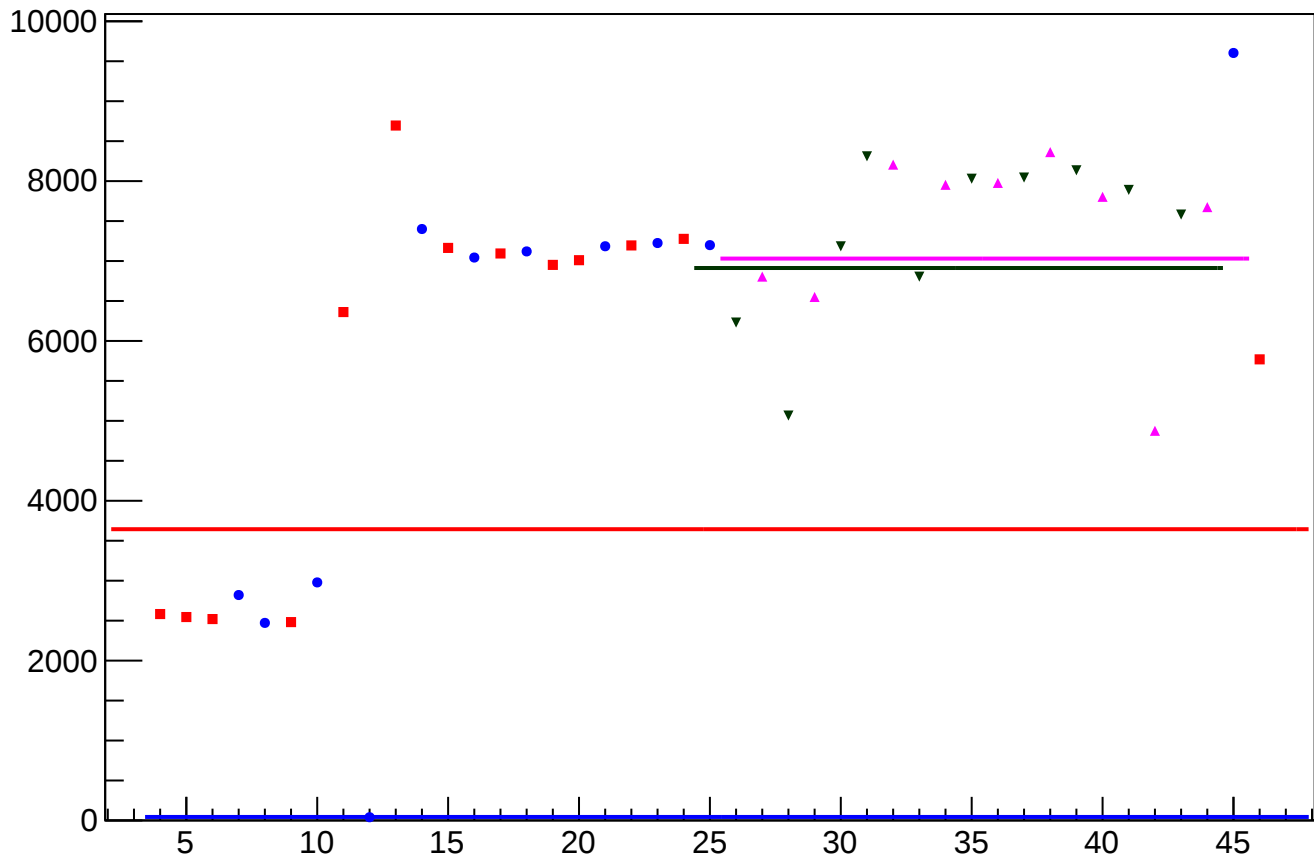
Right Out: -1.445 ± 1.598 χ^2/NDF : 22.7/12

Left In: 0.850 ± 3.044 χ^2/NDF : 6.2/8

0.065 ± 0.052 χ^2/NDF : 17.4/20

-0.949 ± 1.415 χ^2/NDF : 29.4/21

diff_bpm4acY_rms vs slug



Right In: 43.803+/-0.037 χ^2/NDF : 12401200.4/10

Left Out: 6912.690+/-2.179 χ^2/NDF : 293013.4/9

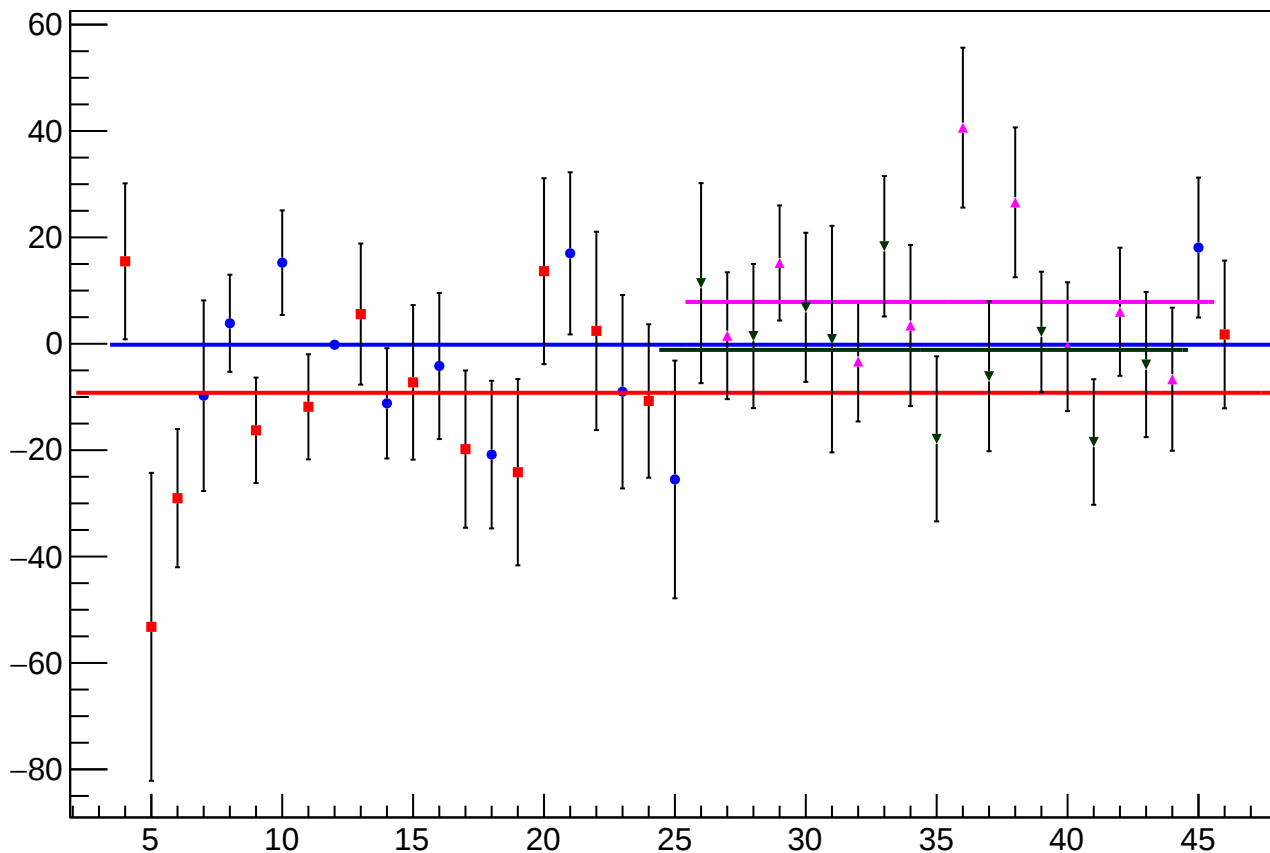
45.766+/-0.037 χ^2/NDF : 22627010.4/20

Right Out: 3644.403+/-1.130 χ^2/NDF : 3109592.3/12

4375.796+/-1.000 χ^2/NDF : 5330648.5/21

Left In: 7030.739+/-2.153 χ^2/NDF : 280908.8/8

diff_bpm4ecX_mean vs slug



Right In: -0.176 ± 0.107 $\chi^2/\text{NDF}: 11.1/10$

Left Out: -1.154 ± 4.434 $\chi^2/\text{NDF}: 6.6/9$

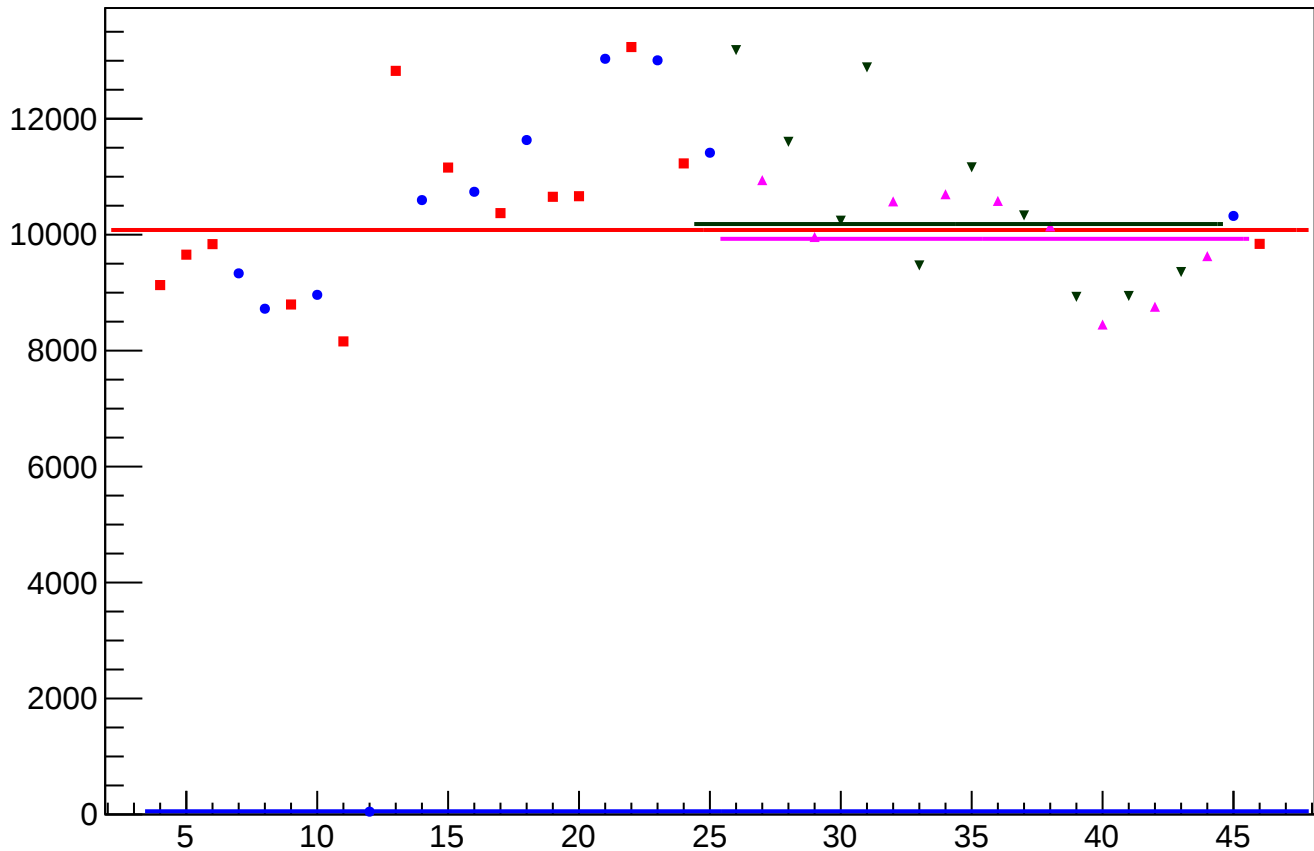
Right Out: -9.209 ± 3.875 $\chi^2/\text{NDF}: 13.3/12$

Left In: 7.861 ± 4.207 $\chi^2/\text{NDF}: 10.0/8$

-0.177 ± 0.106 $\chi^2/\text{NDF}: 17.7/20$

-1.375 ± 2.850 $\chi^2/\text{NDF}: 32.2/21$

diff_bpm4ecX_rms vs slug



Right In: 55.031 ± 0.075 χ^2/NDF : 12863405.8/10

Left Out: 10183.674 ± 3.135 χ^2/NDF : 173145.0/9

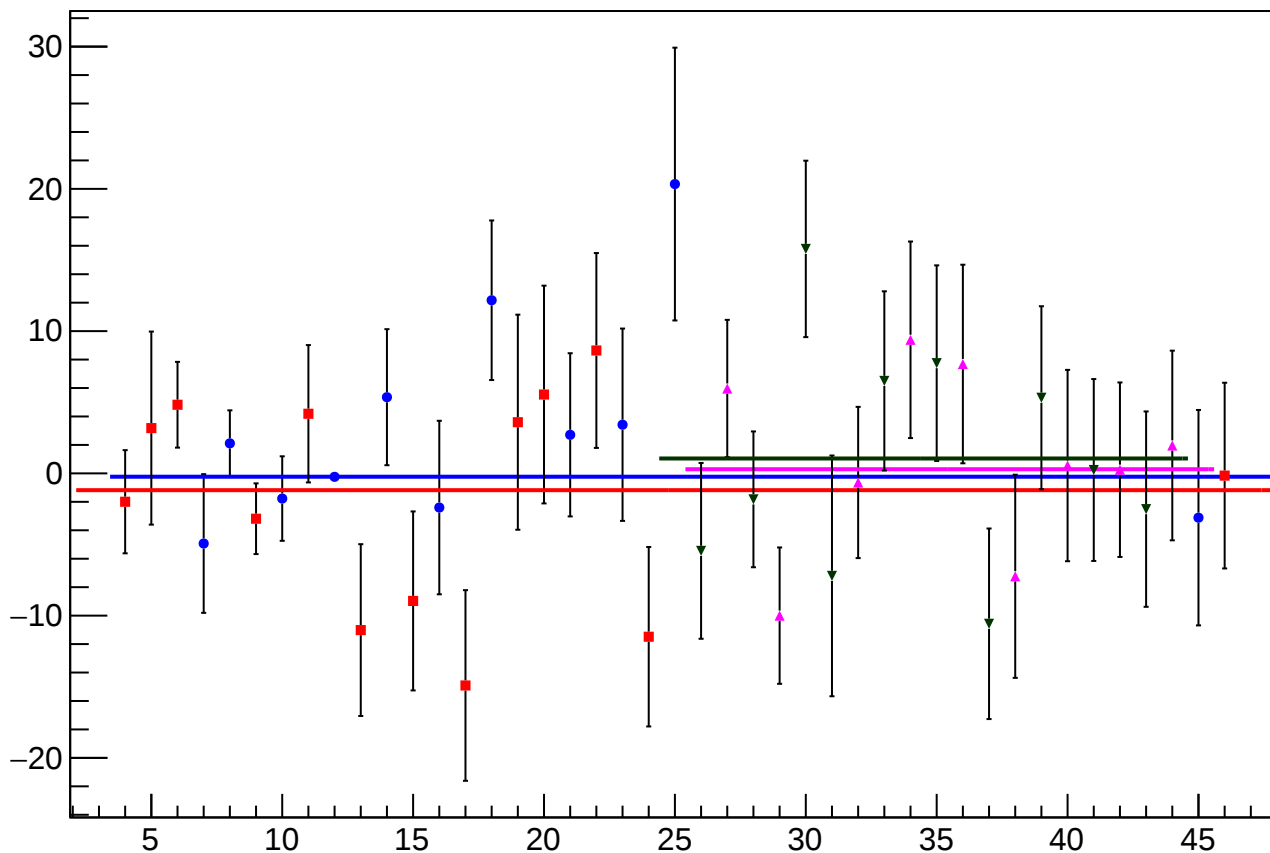
60.874 ± 0.075 χ^2/NDF : 23467444.8/20

Right Out: 10081.040 ± 2.740 χ^2/NDF : 291199.5/12

10011.028 ± 2.015 χ^2/NDF : 372746.1/21

Left In: 9928.487 ± 2.975 χ^2/NDF : 80123.6/8

diff_bpm4ecY_mean vs slug



Right In: -0.235 ± 0.090 $\chi^2/\text{NDF}: 13.9/10$

Left Out: 1.047 ± 2.006 $\chi^2/\text{NDF}: 13.5/9$

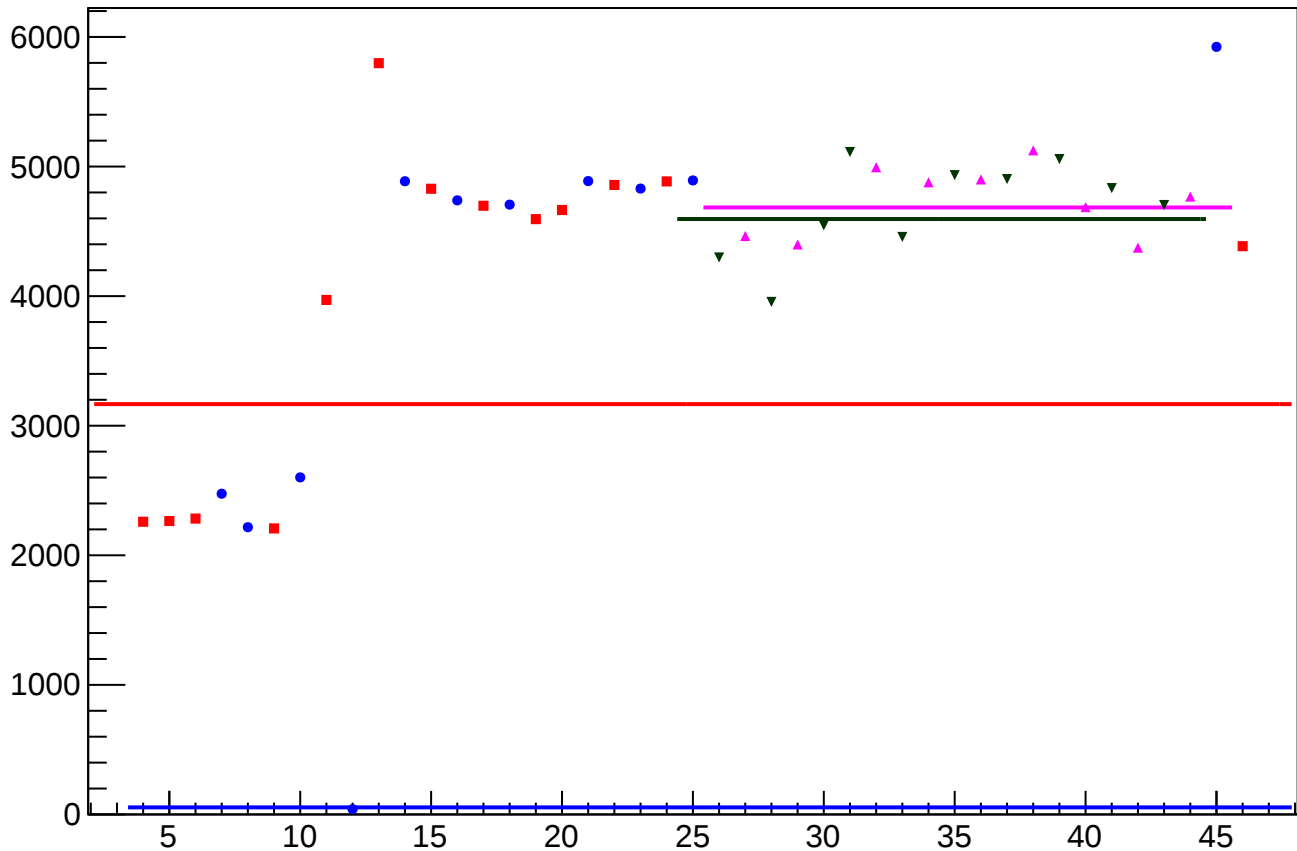
Right Out: -1.181 ± 1.300 $\chi^2/\text{NDF}: 20.6/12$

Left In: 0.291 ± 1.984 $\chi^2/\text{NDF}: 10.1/8$

-0.232 ± 0.090 $\chi^2/\text{NDF}: 27.8/20$

-0.739 ± 1.087 $\chi^2/\text{NDF}: 31.1/21$

diff_bpm4ecY_rms vs slug



Right In: 54.634+/-0.064 χ^2/NDF : 12470559.9/10

Left Out: 4595.004+/-1.418 χ^2/NDF : 71786.0/9

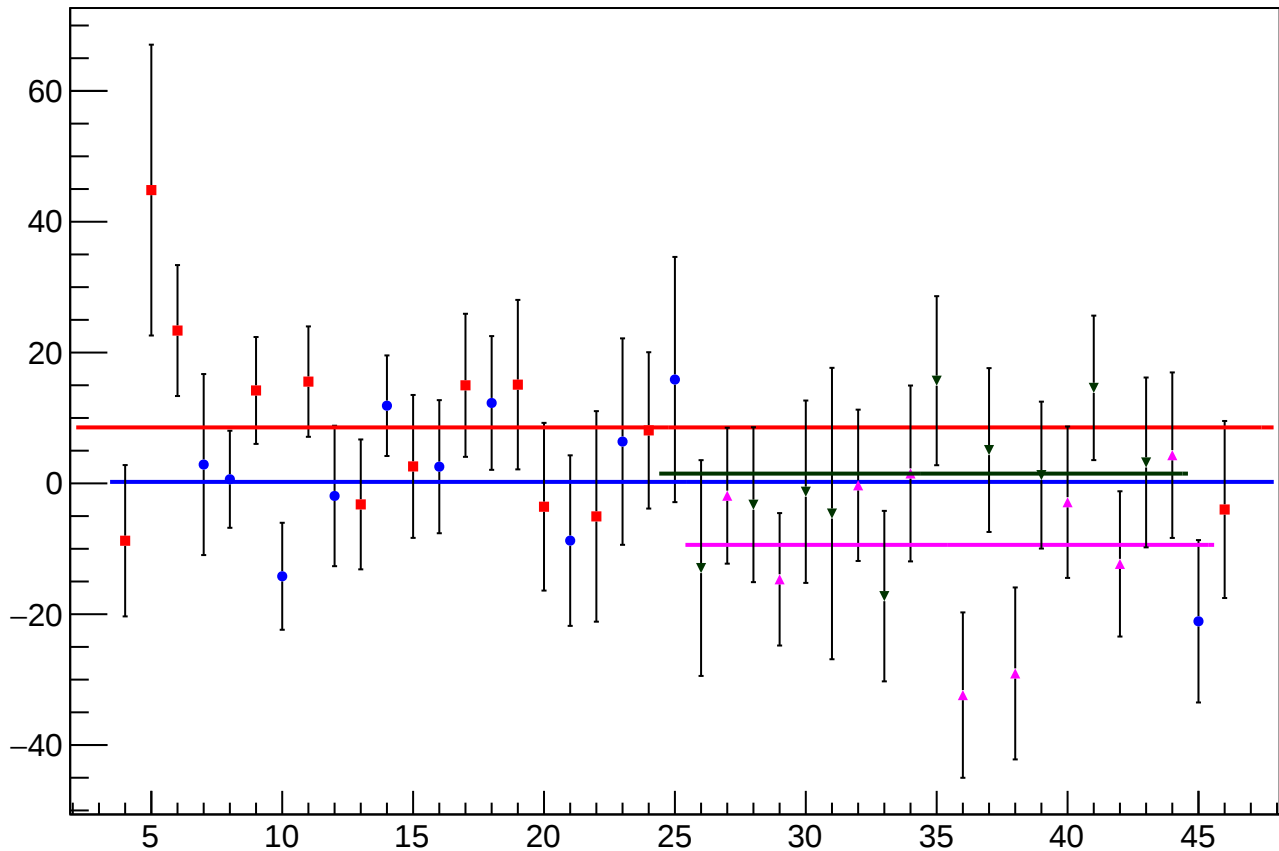
63.751+/-0.064 χ^2/NDF : 22768451.4/20

Right Out: 3166.656+/-0.919 χ^2/NDF : 1797449.6/12

3622.416+/-0.769 χ^2/NDF : 2650993.3/21

Left In: 4684.130+/-1.403 χ^2/NDF : 34622.6/8

diff_bpm1X_mean vs slug



Right In: 0.227 ± 3.125 χ^2/NDF : 11.2/10

Left Out: 1.495 ± 4.142 χ^2/NDF : 5.8/9

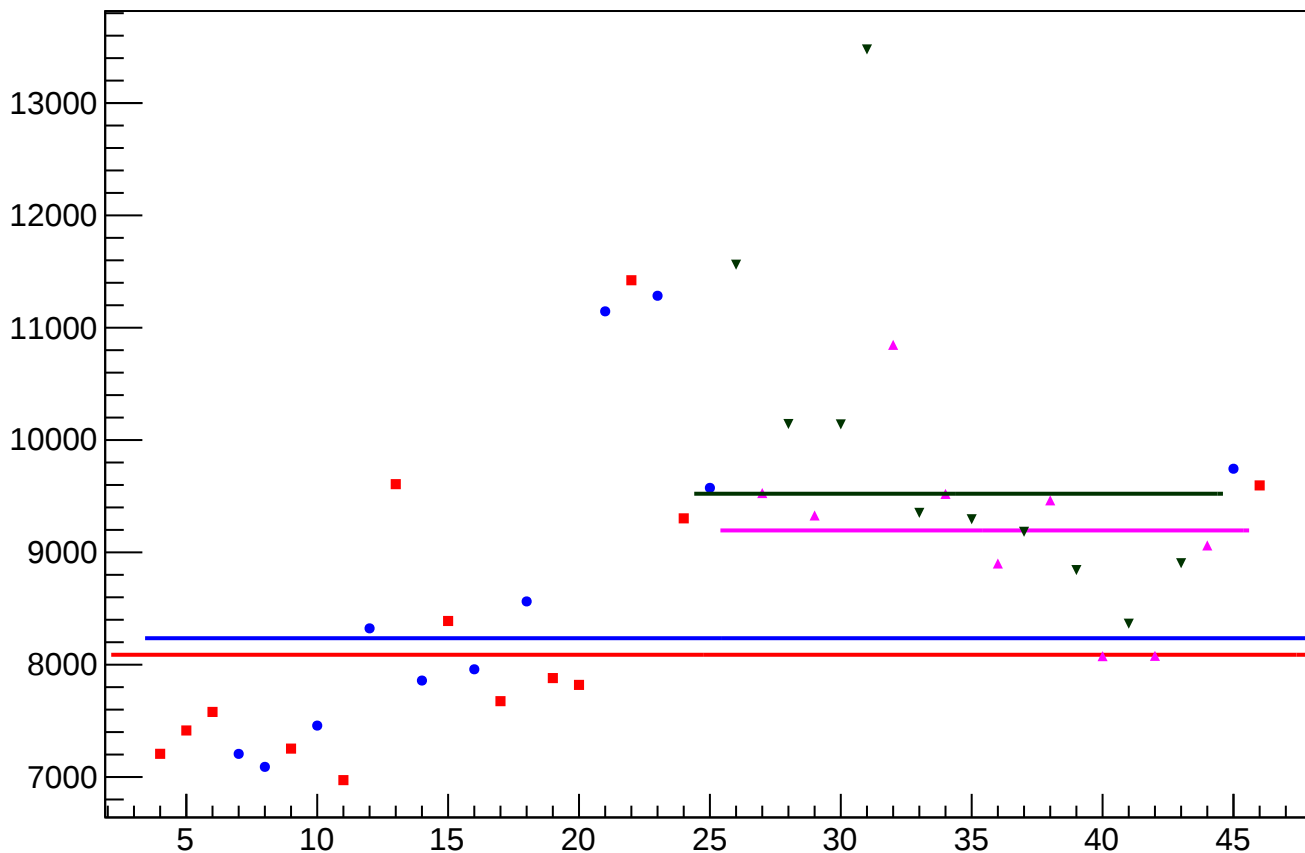
Right Out: 8.557 ± 3.105 χ^2/NDF : 13.0/12

Left In: -9.400 ± 3.896 χ^2/NDF : 9.2/8

0.687 ± 2.495 χ^2/NDF : 17.1/20

1.582 ± 2.428 χ^2/NDF : 35.2/21

diff_bpm1X_rms vs slug



Right In: 8235.762+/-2.210 χ^2/NDF : 299317.8/10

Left Out: 9522.004+/-2.929 χ^2/NDF :139291.8/9

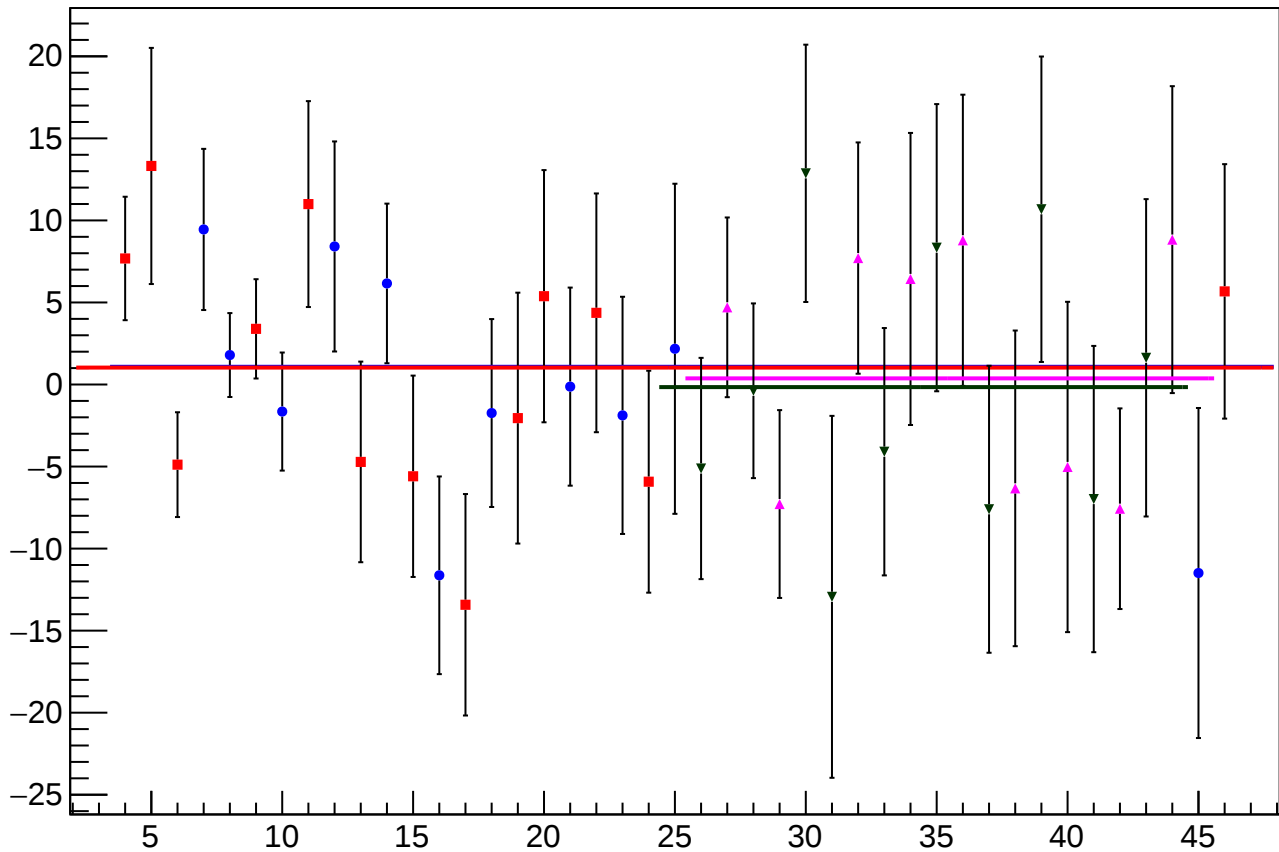
Right Out: 8088.342+/-2.195 χ^2/NDF : 258392.8/12

Left In: 9195.242+/-2.755 χ^2/NDF :85448.4/8

8702.346+/-1.764 χ^2/NDF : 561506.5/20

8518.315+/-1.717 χ^2/NDF : 442593.1/21

diff_bpm1Y_mean vs slug



Right In: 1.080 ± 1.470 χ^2/NDF : 12.4/10

Left Out: -0.158 ± 2.506 χ^2/NDF : 8.5/9

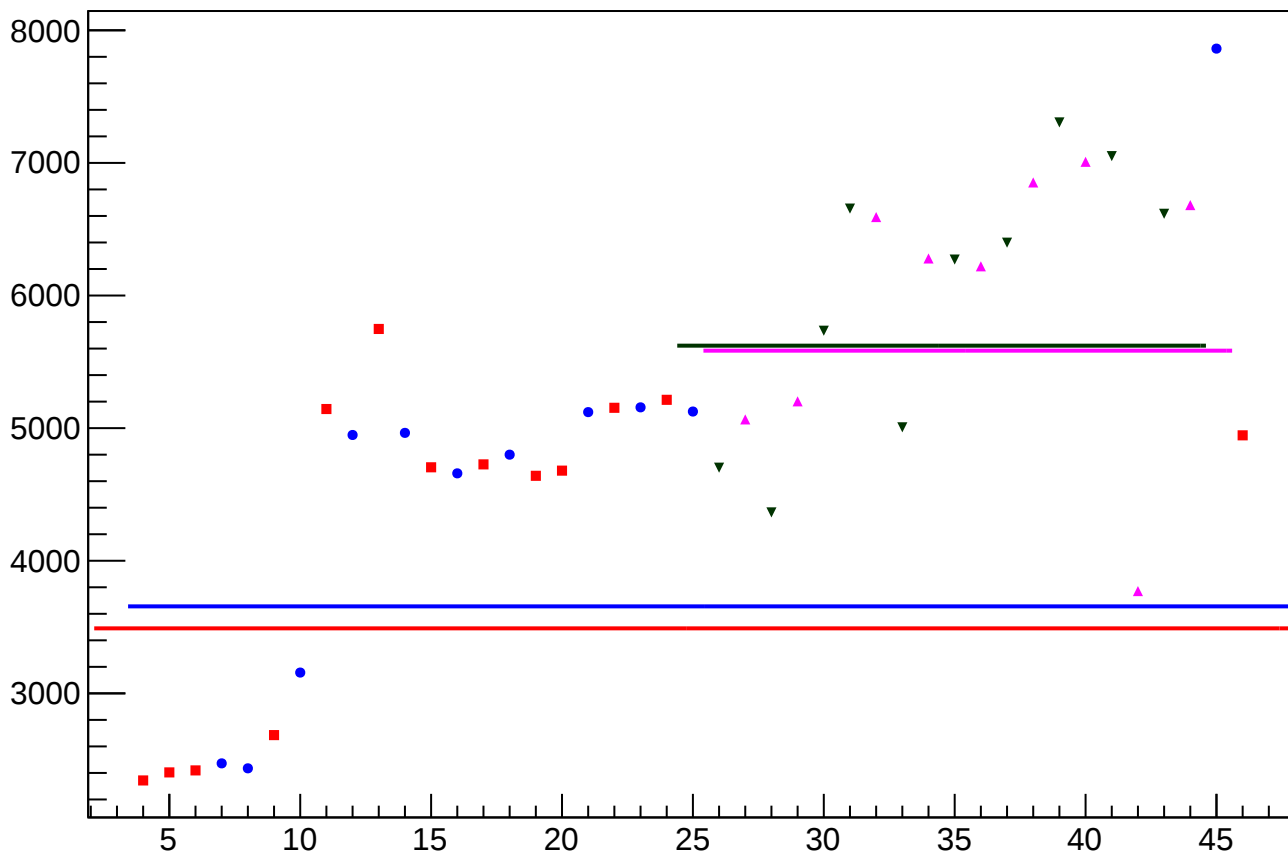
0.763 ± 1.268 χ^2/NDF : 21.1/20

Right Out: 1.031 ± 1.429 χ^2/NDF : 21.4/12

0.863 ± 1.233 χ^2/NDF : 29.5/21

Left In: 0.374 ± 2.438 χ^2/NDF : 8.1/8

diff_bpm1Y_rms vs slug



Right In: 3656.069 $\pm$ 1.039 χ^2 /NDF: 1568863.9/10

Left Out: 5621.962 $\pm$ 1.772 χ^2 /NDF:340384.5/9

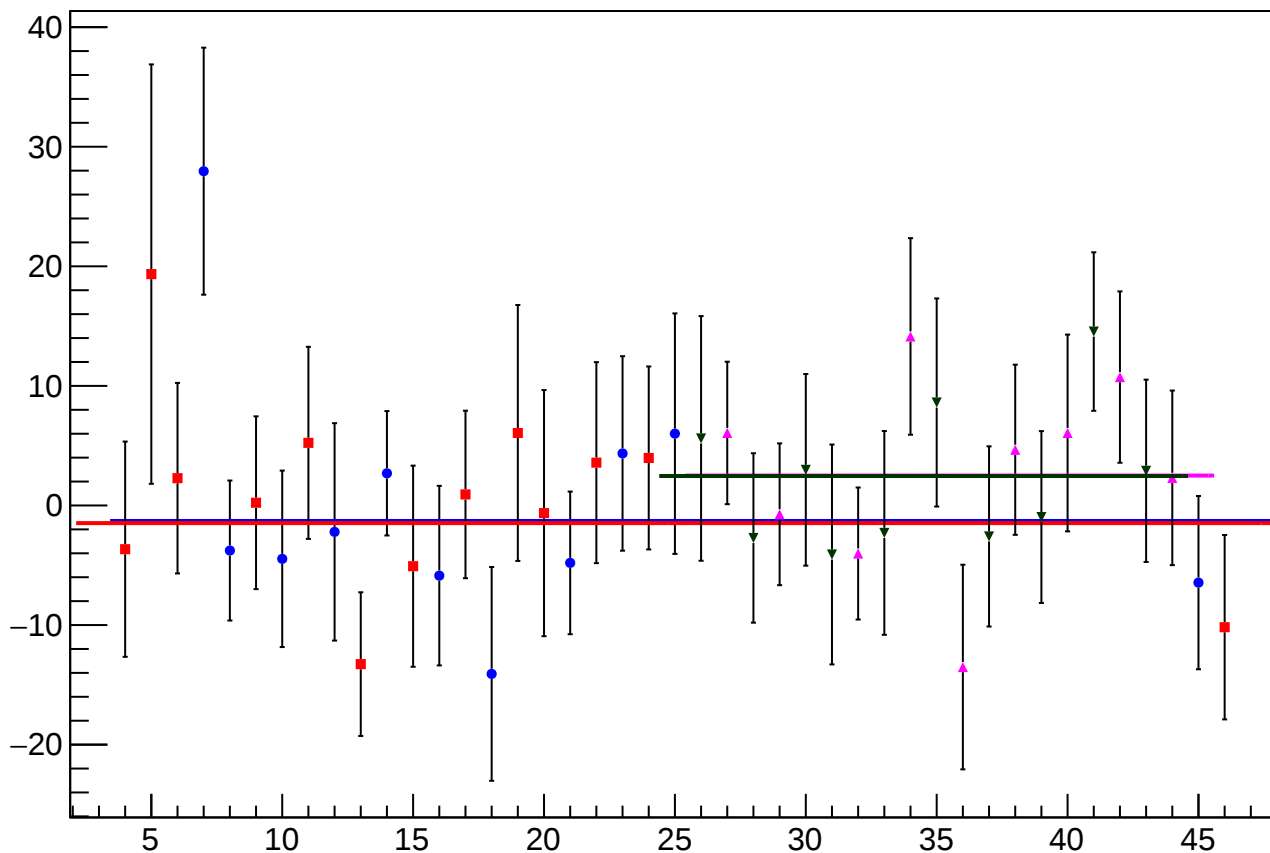
Right Out: 3490.243 $\pm$ 1.011 χ^2 /NDF: 1553321.8/12

Left In: 5584.245 $\pm$ 1.724 χ^2 /NDF:368430.0/8

4159.336 $\pm$ 0.897 χ^2 /NDF: 2824885.9/20

4025.862 $\pm$ 0.872 χ^2 /NDF: 3019519.5/21

diff_bpm11X_mean vs slug



Right In: -1.297 ± 2.190 $\chi^2/\text{NDF}: 13.3/10$

Left Out: 2.463 ± 2.494 $\chi^2/\text{NDF}: 6.0/9$

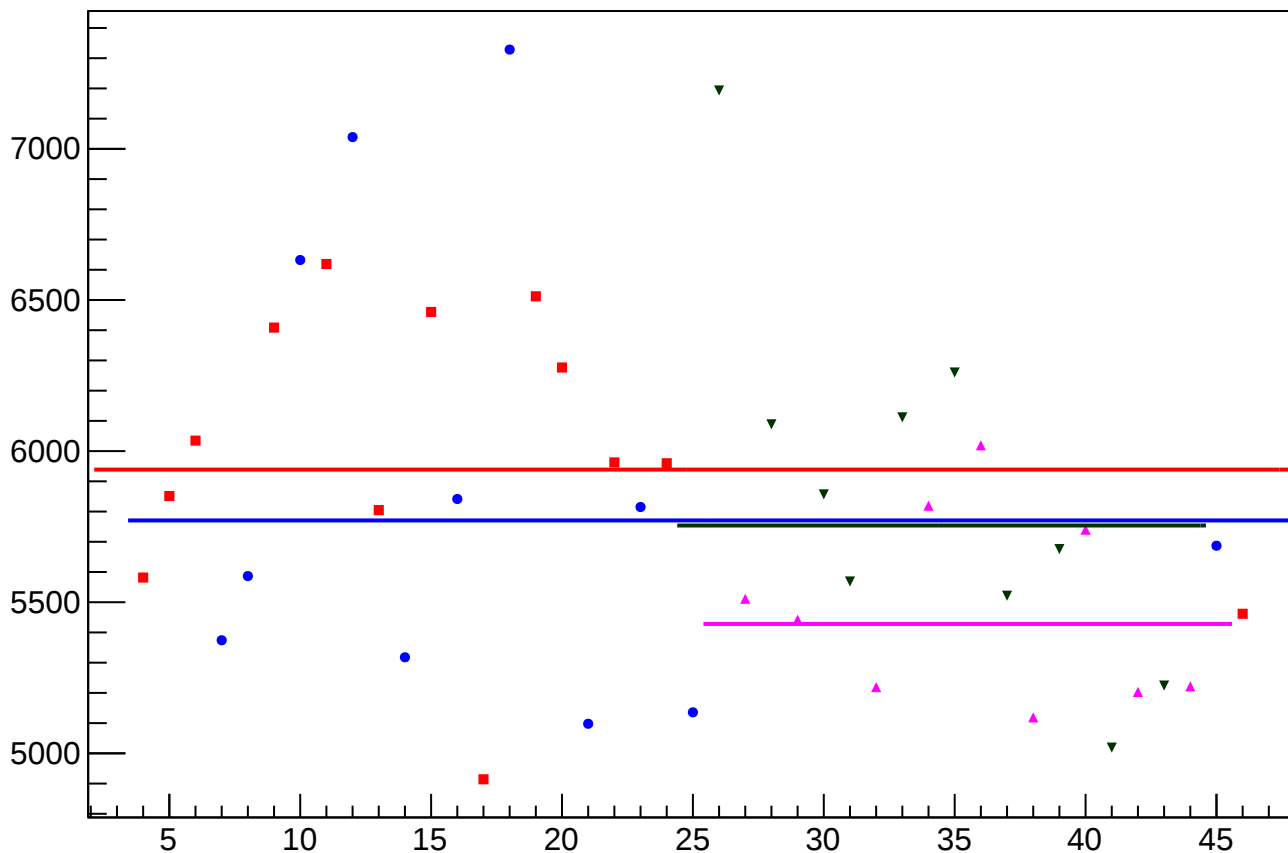
Right Out: -1.475 ± 2.268 $\chi^2/\text{NDF}: 9.2/12$

Left In: 2.501 ± 2.290 $\chi^2/\text{NDF}: 9.2/8$

0.341 ± 1.646 $\chi^2/\text{NDF}: 20.5/20$

0.493 ± 1.611 $\chi^2/\text{NDF}: 19.9/21$

diff_bpm11X_rms vs slug



Right In: 5770.611+/-1.549 χ^2/NDF : 180970.4/10

Left Out: 5753.867+/-1.763 χ^2/NDF : 91874.6/9

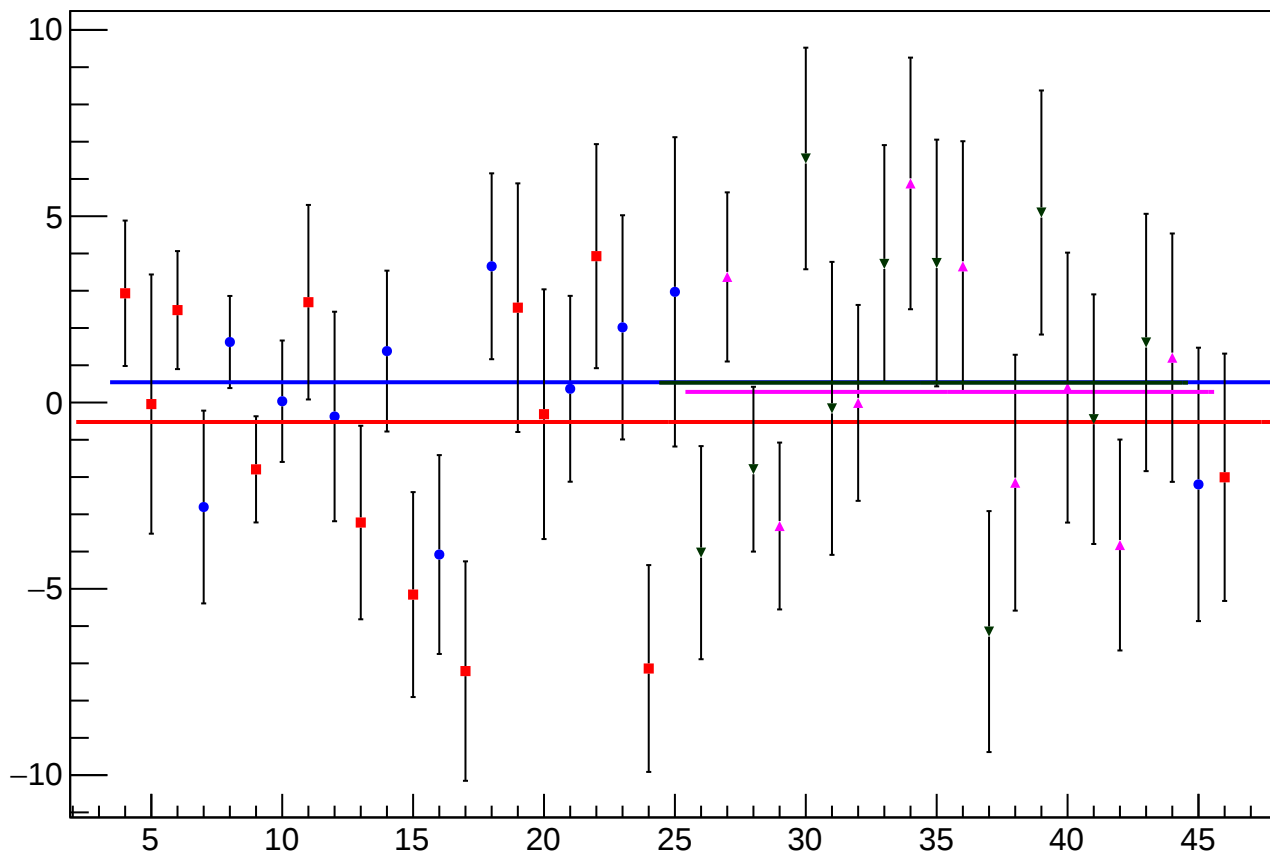
Right Out: 5938.825+/-1.603 χ^2/NDF : 93388.2/12

Left In: 5428.130+/-1.619 χ^2/NDF : 27568.5/8

5763.318+/-1.164 χ^2/NDF : 272895.9/20

5685.987+/-1.139 χ^2/NDF : 171178.2/21

diff_bpm11Y_mean vs slug



Right In: 0.544 ± 0.670 χ^2/NDF : 8.5/10

Left Out: 0.533 ± 0.973 χ^2/NDF : 16.1/9

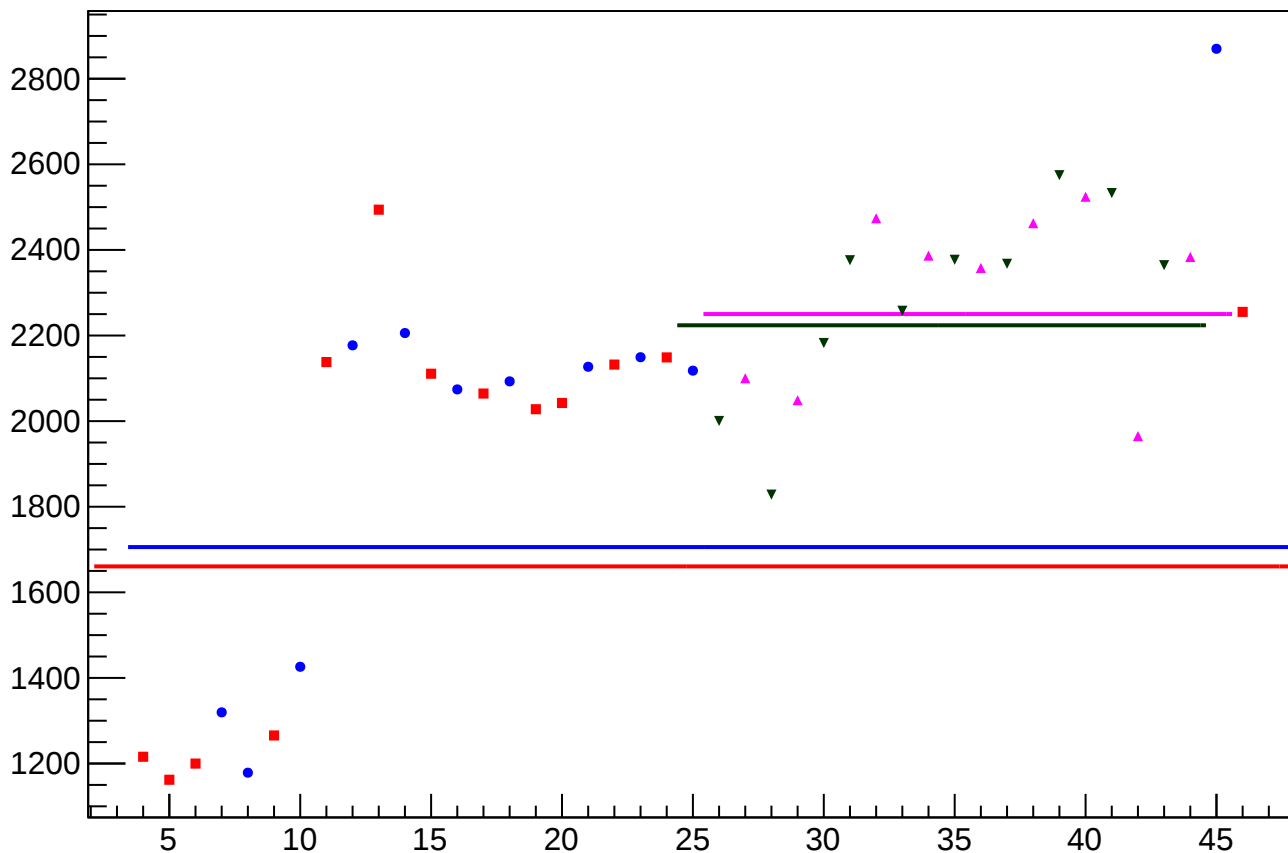
Right Out: -0.523 ± 0.661 χ^2/NDF : 27.1/12

Left In: 0.285 ± 0.958 χ^2/NDF : 10.9/8

0.541 ± 0.552 χ^2/NDF : 24.6/20

-0.262 ± 0.544 χ^2/NDF : 38.4/21

diff_bpm11Y_rms vs slug



Right In: 1705.730+/-0.474 χ^2/NDF : 1038714.4/10

Left Out: 2223.927+/-0.688 χ^2/NDF :131291.4/9

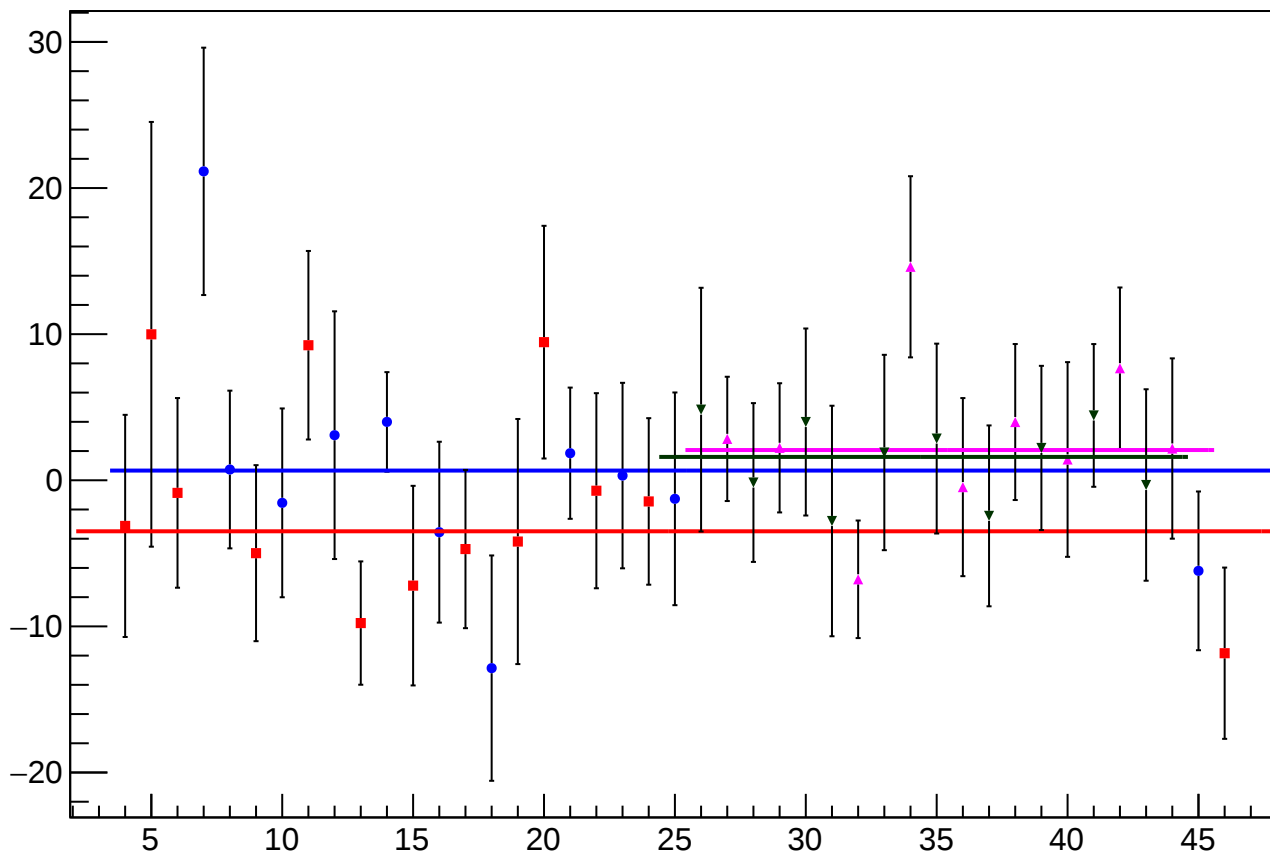
Right Out: 1660.571+/-0.467 χ^2/NDF : 1057504.4/12

Left In: 2250.163+/-0.677 χ^2/NDF :87324.1/8

1872.434+/-0.390 χ^2/NDF : 1554651.5/20

1850.816+/-0.385 χ^2/NDF : 1658353.7/21

diff_bpm12X_mean vs slug



Right In: 0.664 ± 1.709 χ^2/NDF : 12.3/10

Left Out: 1.599 ± 1.970 χ^2/NDF : 1.6/9

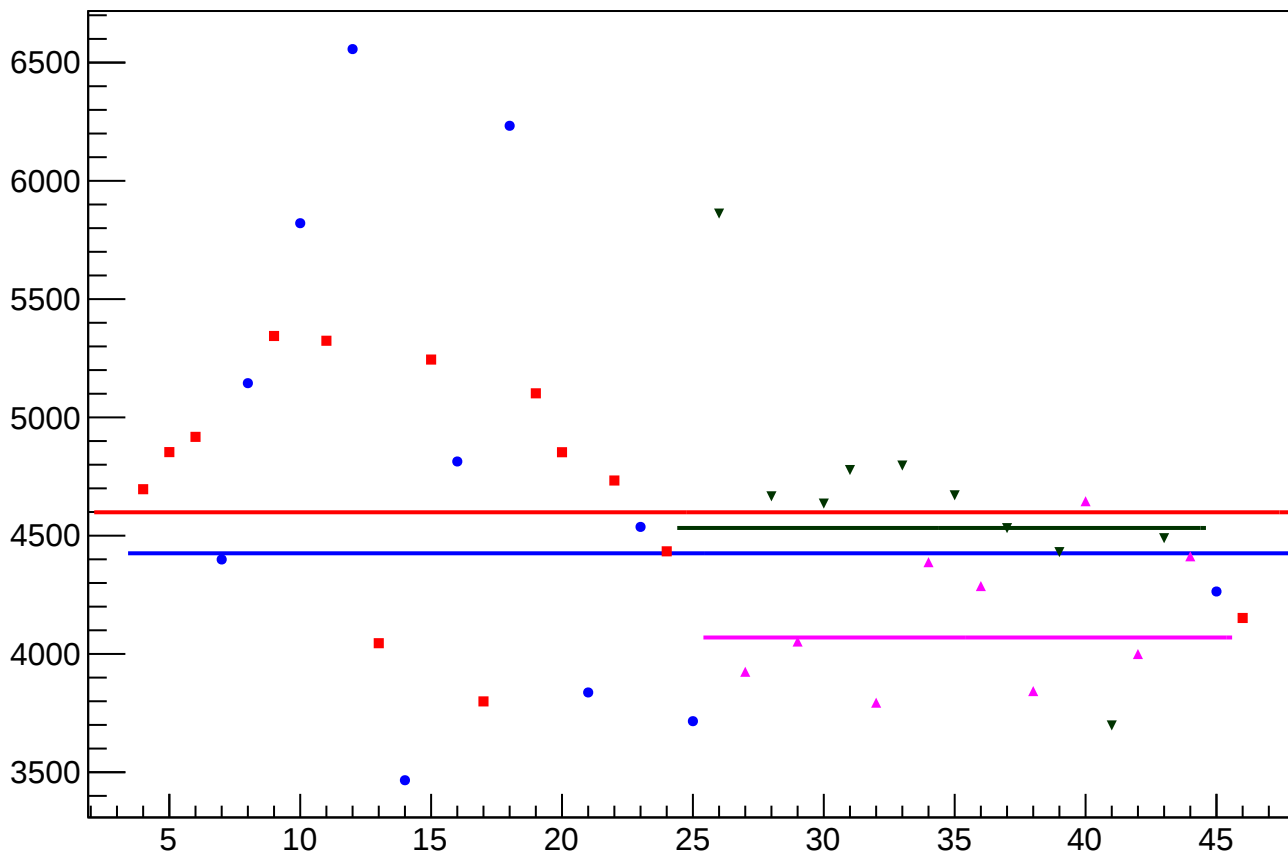
Right Out: -3.492 ± 1.764 χ^2/NDF : 12.5/12

Left In: 2.070 ± 1.721 χ^2/NDF : 10.3/8

1.065 ± 1.291 χ^2/NDF : 14.0/20

-0.642 ± 1.232 χ^2/NDF : 27.9/21

diff_bpm12X_rms vs slug



Right In: 4425.493+/-1.208 χ^2/NDF : 587330.7/10

Left Out: 4532.597+/-1.393 χ^2/NDF :117630.8/9

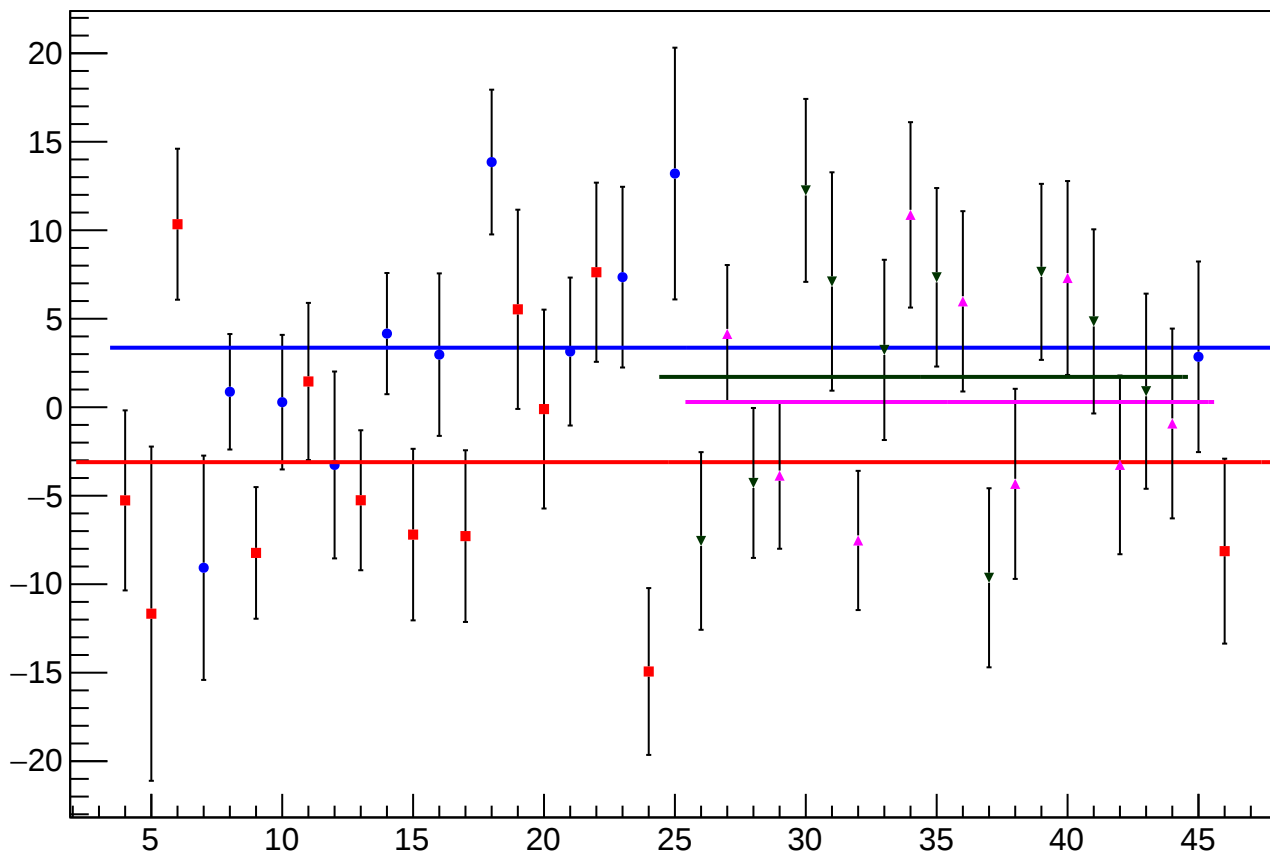
4471.493+/-0.913 χ^2/NDF : 708335.5/20

Right Out: 4598.879+/-1.247 χ^2/NDF : 180831.7/12

4327.603+/-0.871 χ^2/NDF : 317731.3/21

Left In: 4069.536+/-1.217 χ^2/NDF :44608.7/8

diff_bpm12Y_mean vs slug



Right In: 3.363 ± 1.329 $\chi^2/\text{NDF}: 15.8/10$

Left Out: 1.714 ± 1.609 $\chi^2/\text{NDF}: 18.5/9$

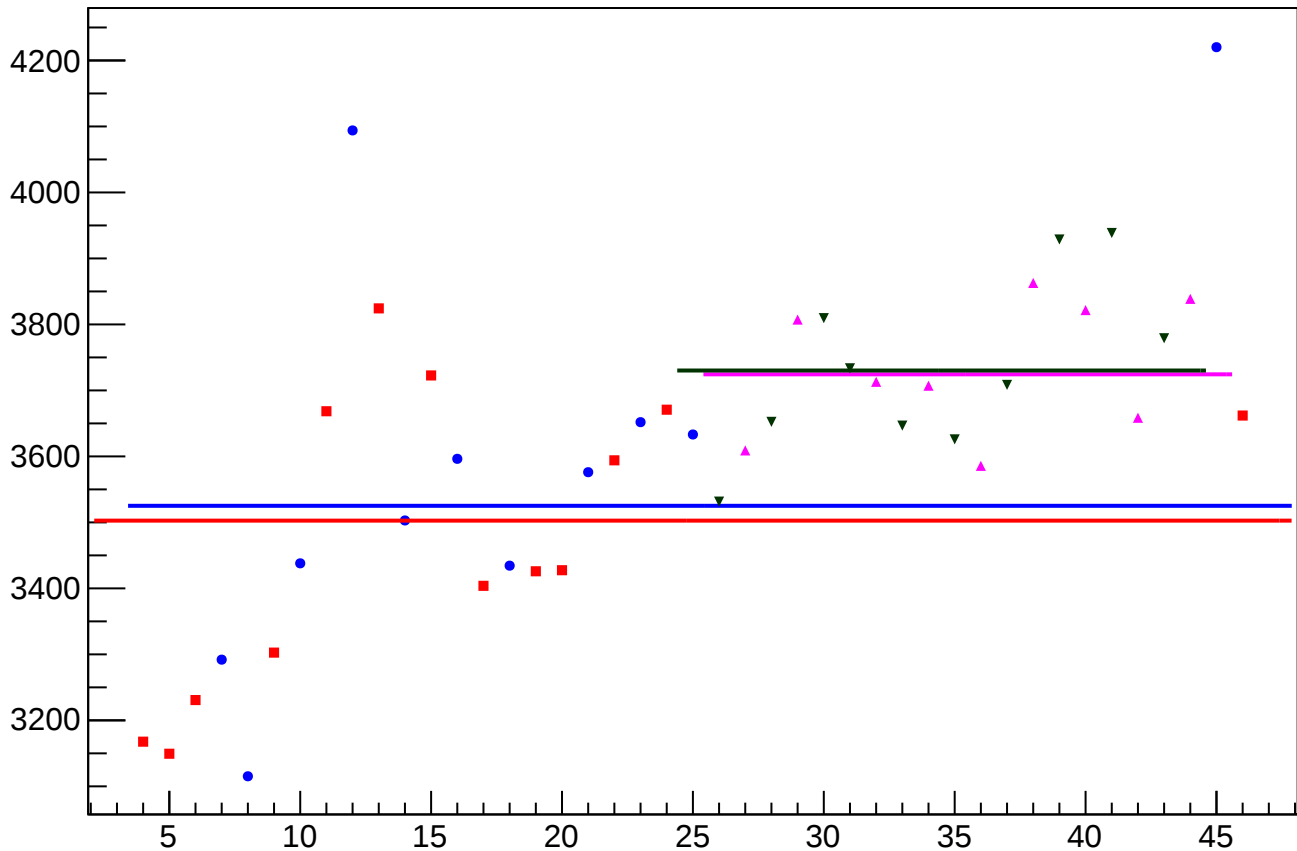
Right Out: -3.104 ± 1.335 $\chi^2/\text{NDF}: 30.0/12$

Left In: 0.295 ± 1.569 $\chi^2/\text{NDF}: 14.2/8$

2.694 ± 1.025 $\chi^2/\text{NDF}: 35.0/20$

-1.676 ± 1.017 $\chi^2/\text{NDF}: 46.9/21$

diff_bpm12Y_rms vs slug



Right In: 3525.129+/-0.940 χ^2/NDF : 95386.3/10

Left Out: 3730.162+/-1.138 χ^2/NDF :12266.4/9

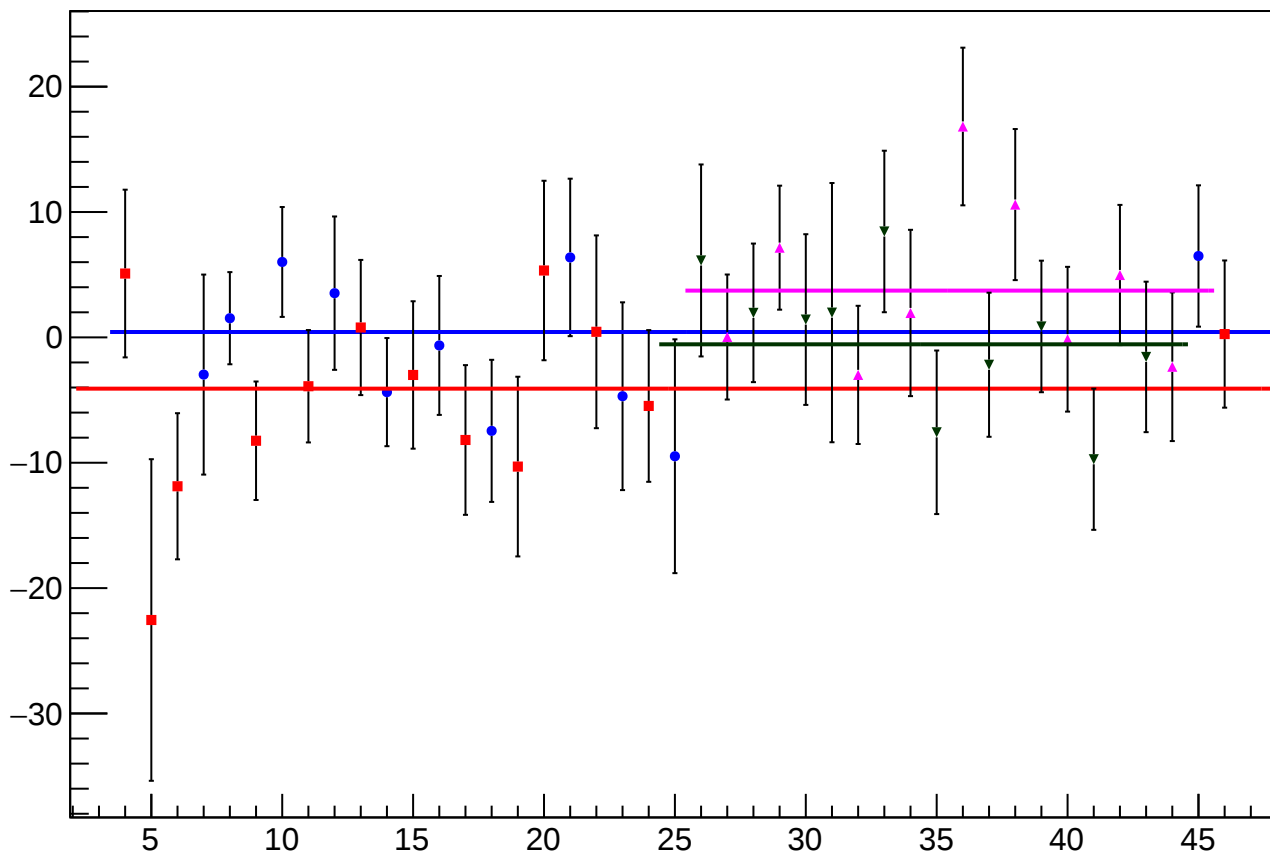
Right Out: 3502.670+/-0.944 χ^2/NDF : 52132.8/12

Left In: 3724.365+/-1.110 χ^2/NDF :7290.6/8

3608.284+/-0.724 χ^2/NDF : 126961.8/20

3595.785+/-0.719 χ^2/NDF : 82574.7/21

diff_bpm16X_mean vs slug



Right In: 0.429 ± 1.639 $\chi^2/\text{NDF}: 9.0/10$

Left Out: -0.553 ± 1.983 $\chi^2/\text{NDF}: 7.1/9$

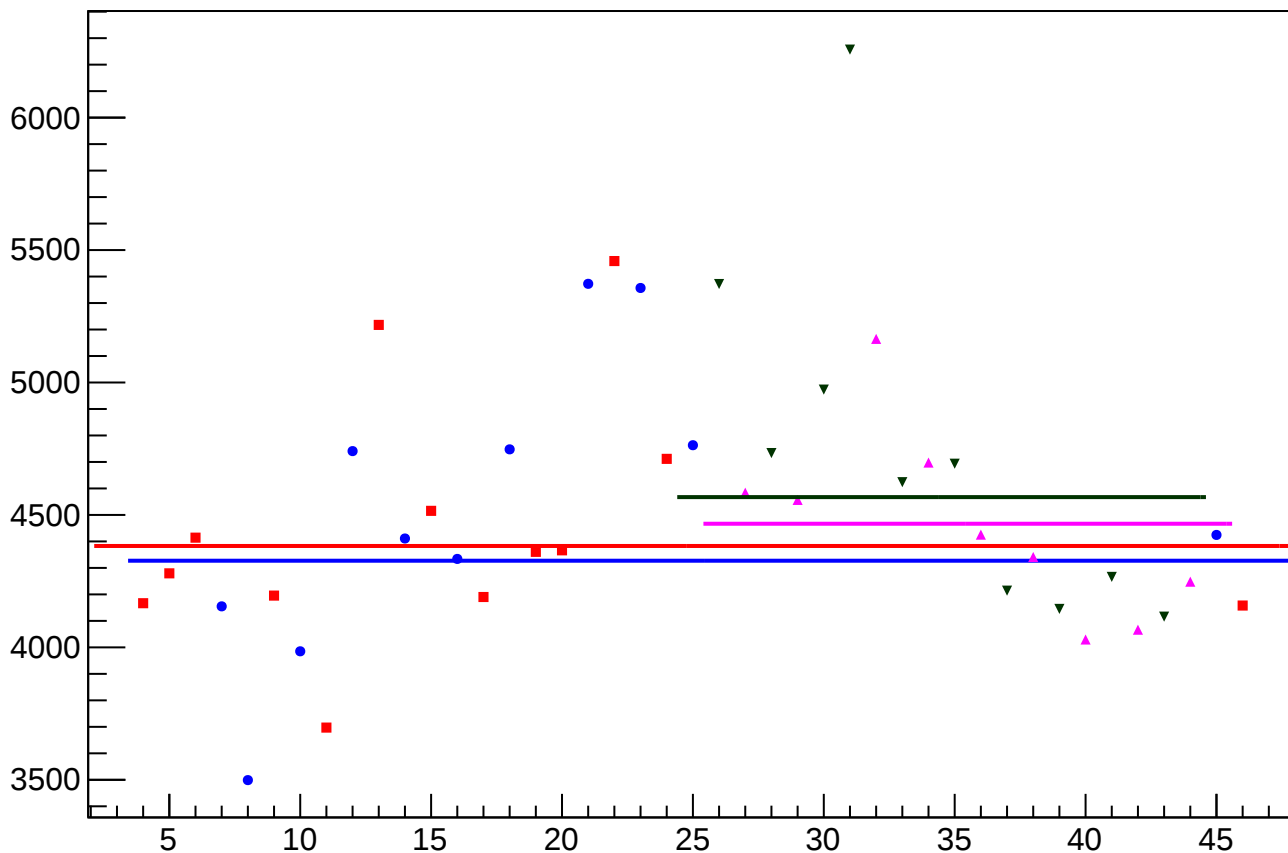
Right Out: -4.089 ± 1.676 $\chi^2/\text{NDF}: 11.3/12$

Left In: 3.732 ± 1.890 $\chi^2/\text{NDF}: 9.8/8$

0.030 ± 1.264 $\chi^2/\text{NDF}: 16.2/20$

-0.646 ± 1.254 $\chi^2/\text{NDF}: 30.6/21$

diff_bpm16X_rms vs slug



Right In: 4327.165+/-1.159 χ^2/NDF : 233777.2/10

Left Out: 4567.308+/-1.402 χ^2/NDF : 122824.8/9

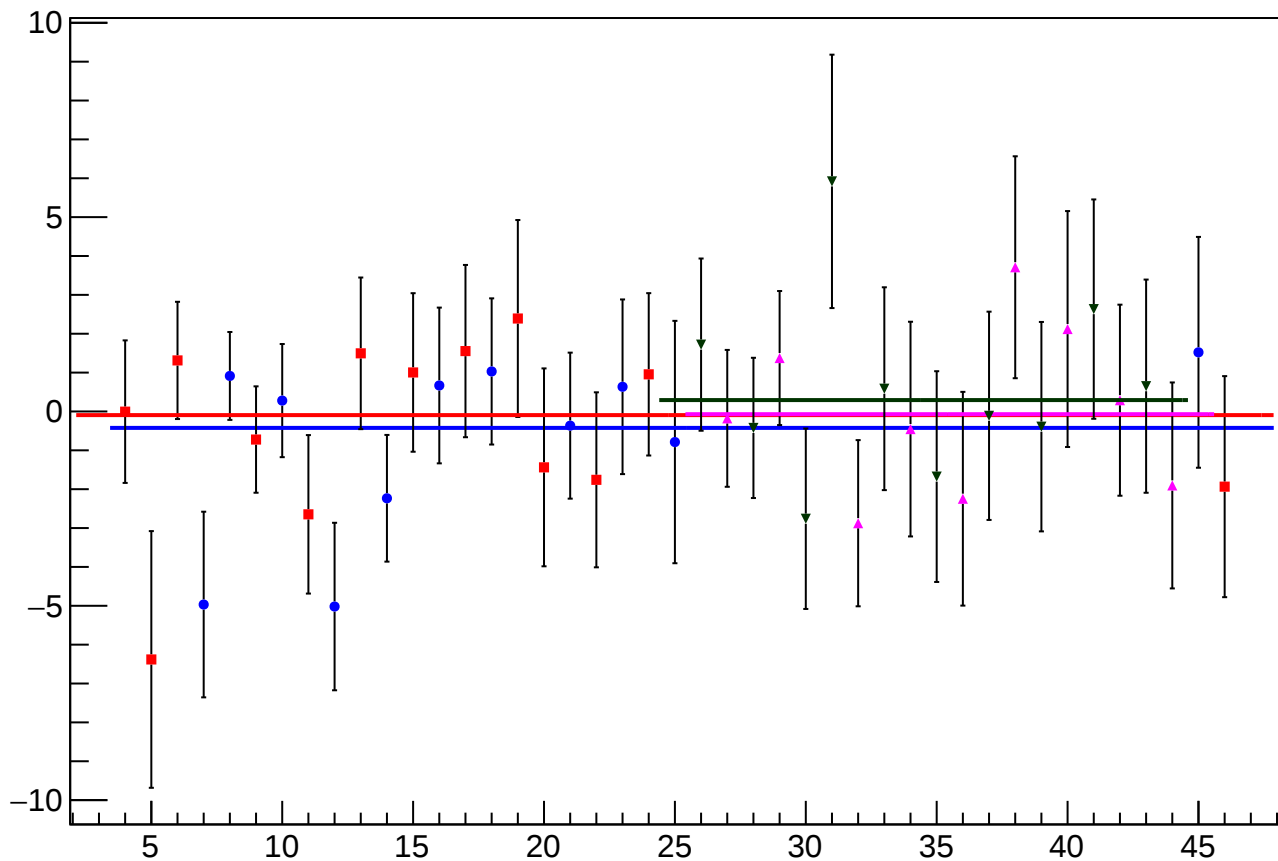
Right Out: 4382.825+/-1.185 χ^2/NDF : 151246.4/12

Left In: 4466.769+/-1.336 χ^2/NDF : 61630.0/8

4424.634+/-0.893 χ^2/NDF : 374021.7/20

4419.780+/-0.887 χ^2/NDF : 215085.2/21

diff_bpm16Y_mean vs slug



Right In: -0.423 ± 0.555 $\chi^2/\text{NDF}: 12.6/10$

Left Out: 0.293 ± 0.788 $\chi^2/\text{NDF}: 6.6/9$

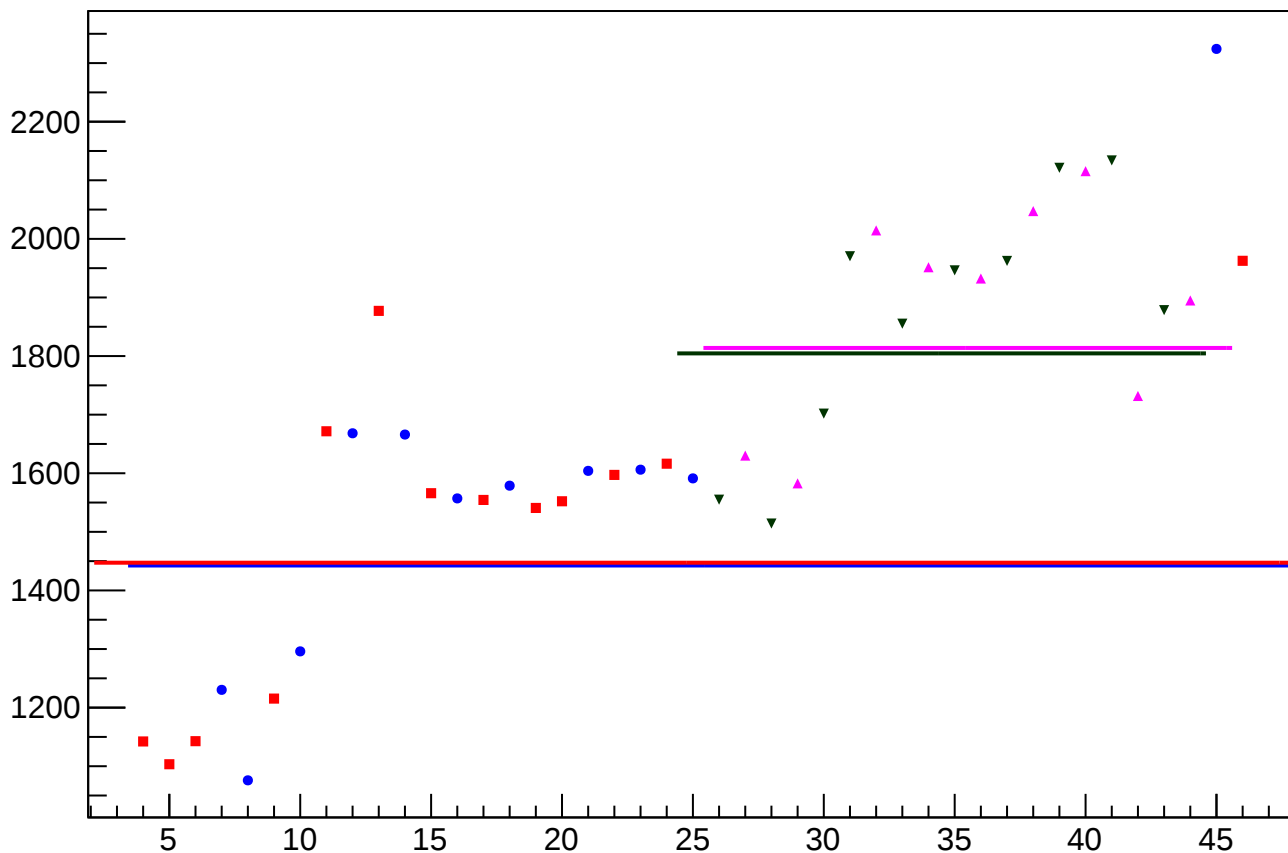
Right Out: -0.094 ± 0.562 $\chi^2/\text{NDF}: 10.2/12$

Left In: -0.070 ± 0.771 $\chi^2/\text{NDF}: 5.8/8$

-0.186 ± 0.454 $\chi^2/\text{NDF}: 19.8/20$

-0.086 ± 0.454 $\chi^2/\text{NDF}: 16.1/21$

diff_bpm16Y_rms vs slug



Right In: 1442.578+/-0.392 χ^2/NDF : 529101.5/10

Left Out: 1804.555+/-0.557 χ^2/NDF : 155790.9/9

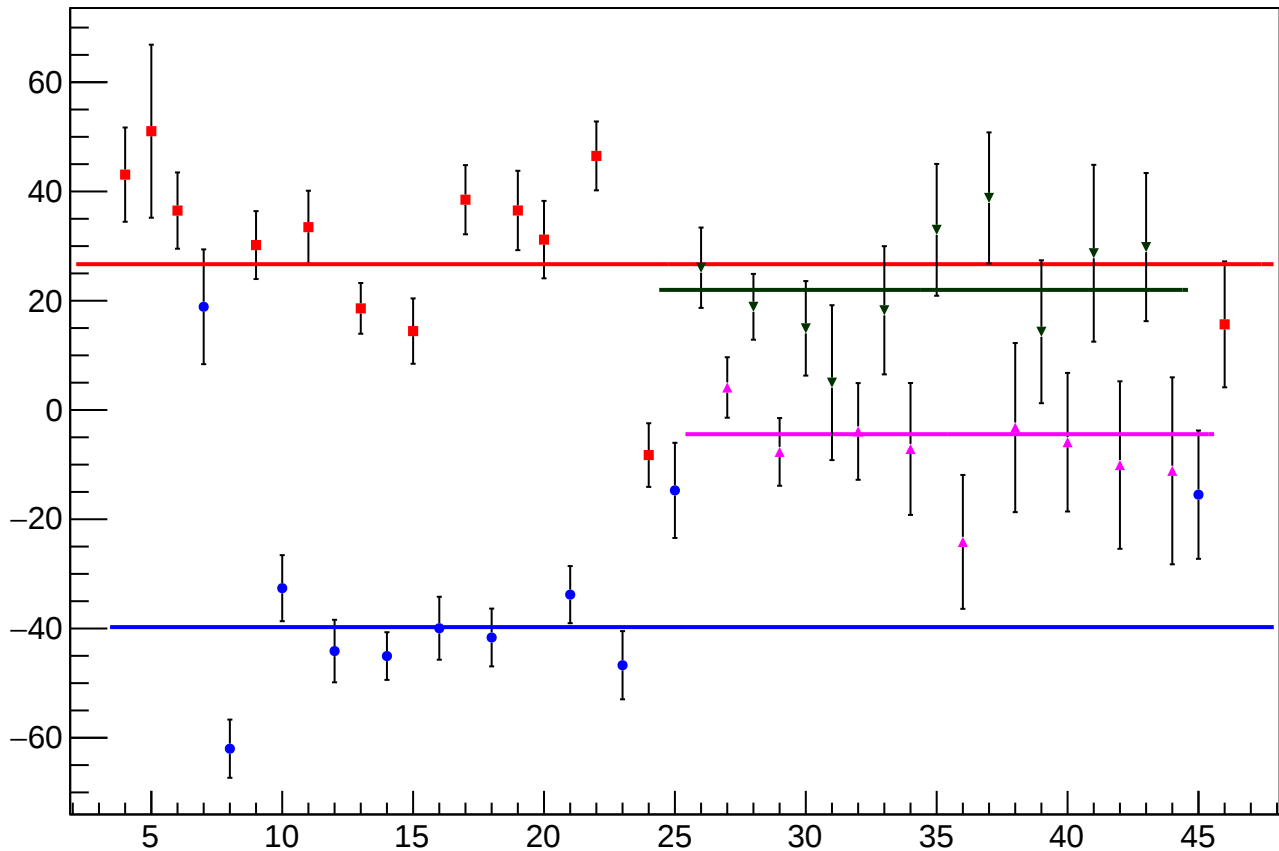
Right Out: 1447.331+/-0.397 χ^2/NDF : 442502.8/12

Left In: 1813.858+/-0.546 χ^2/NDF : 121240.8/8

1562.431+/-0.321 χ^2/NDF : 966935.8/20

1574.296+/-0.321 χ^2/NDF : 858789.3/21

diff_bpm0l01X_mean vs slug



Right In: -39.743 ± 1.816 $\chi^2/\text{NDF}: 67.2/10$

Left Out: 21.984 ± 3.153 $\chi^2/\text{NDF}: 6.4/9$

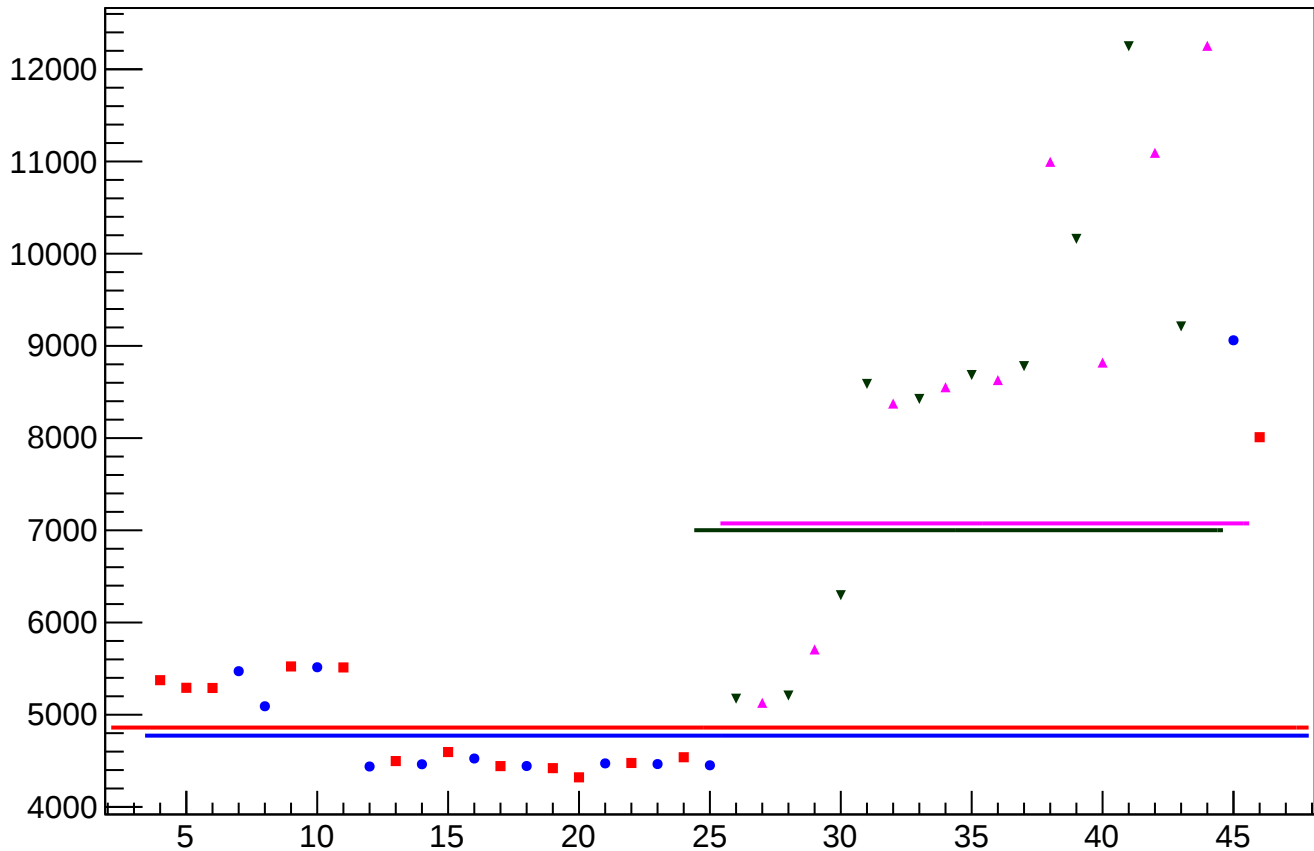
Right Out: 26.691 ± 1.868 $\chi^2/\text{NDF}: 69.0/12$

Left In: -4.429 ± 3.116 $\chi^2/\text{NDF}: 5.6/8$

-24.369 ± 1.573 $\chi^2/\text{NDF}: 361.5/20$

18.462 ± 1.602 $\chi^2/\text{NDF}: 148.0/21$

diff_bpm0l01X_rms vs slug



Right In: 4773.281+/-1.284 χ^2/NDF : 355394.9/10

Left Out: 7001.132+/-2.229 χ^2/NDF : 831756.0/9

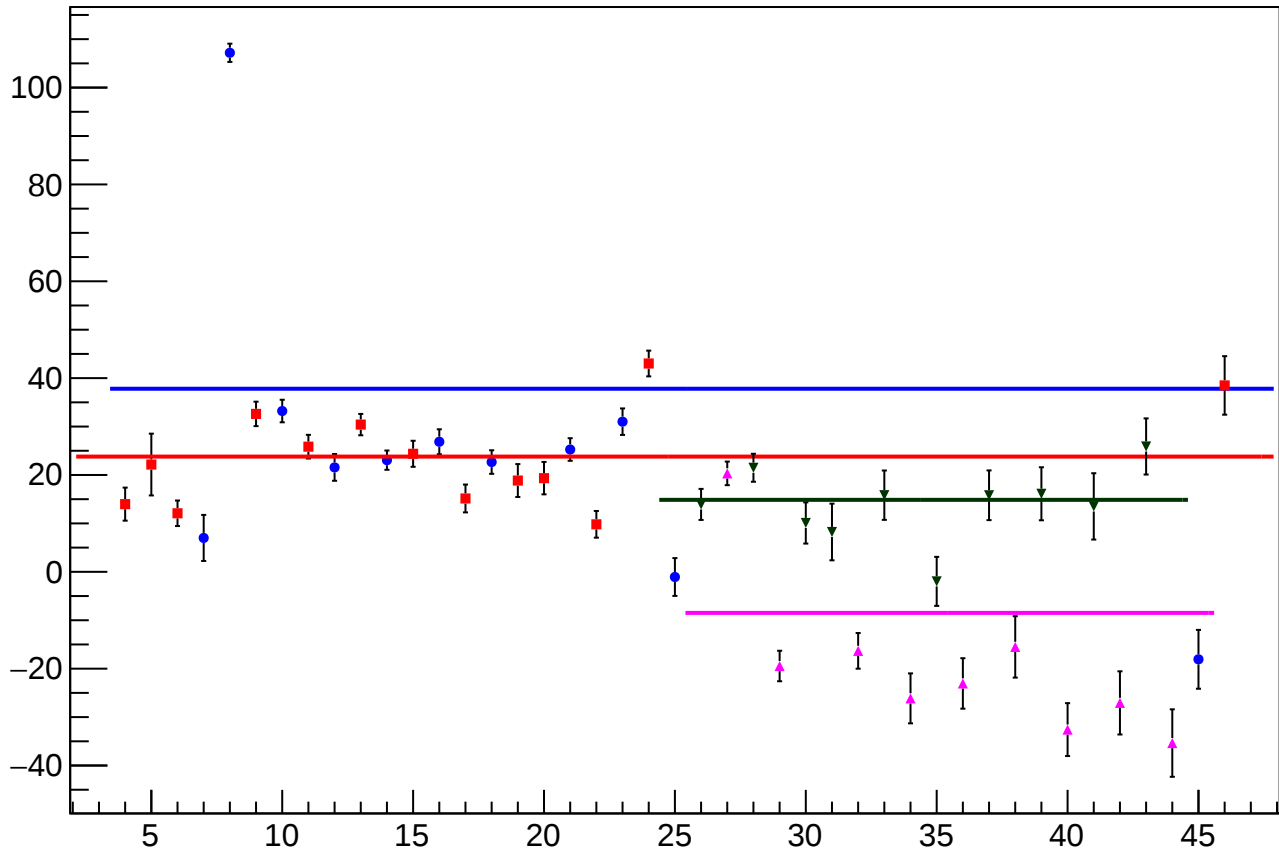
Right Out: 4860.895+/-1.321 χ^2/NDF : 264738.4/12

Left In: 7074.809+/-2.203 χ^2/NDF : 936436.4/8

5328.182+/-1.113 χ^2/NDF : 1937059.3/20

5446.279+/-1.133 χ^2/NDF : 1944048.0/21

diff_bpm0l01Y_mean vs slug



Right In: 37.808 $\pm$ 0.785 χ^2/NDF : 1766.6/10

Left Out: 14.865 $\pm$ 1.412 χ^2/NDF : 22.7/9

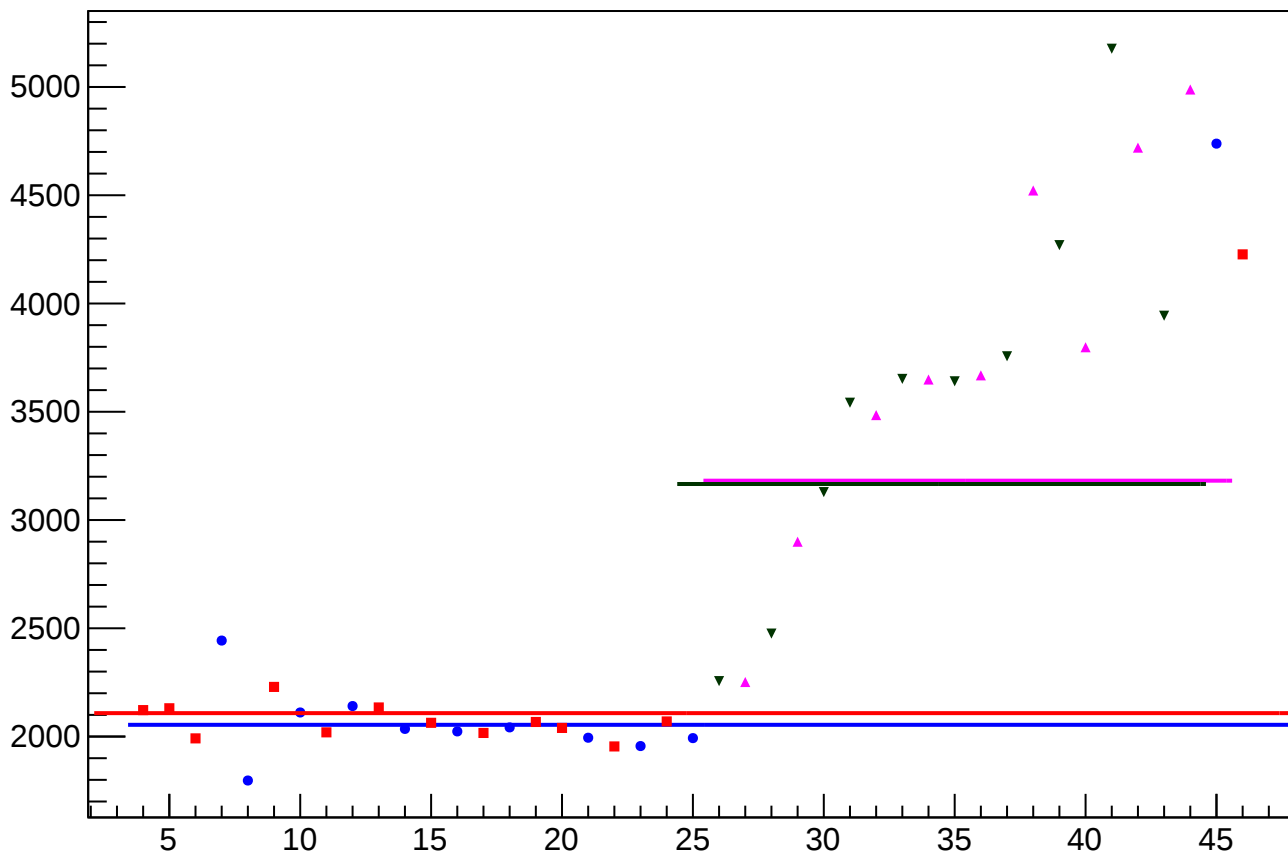
Right Out: 23.799 $\pm$ 0.811 χ^2/NDF : 146.9/12

Left In: -8.480 $\pm$ 1.387 χ^2/NDF : 219.8/8

32.393 $\pm$ 0.686 χ^2/NDF : 1991.0/20

15.571 $\pm$ 0.700 χ^2/NDF : 770.5/21

diff_bpm0l01Y_rms vs slug



Right In: 2054.180+/-0.555 χ^2/NDF : 449291.3/10

Left Out: 3166.393+/-0.999 χ^2/NDF :635521.0/9

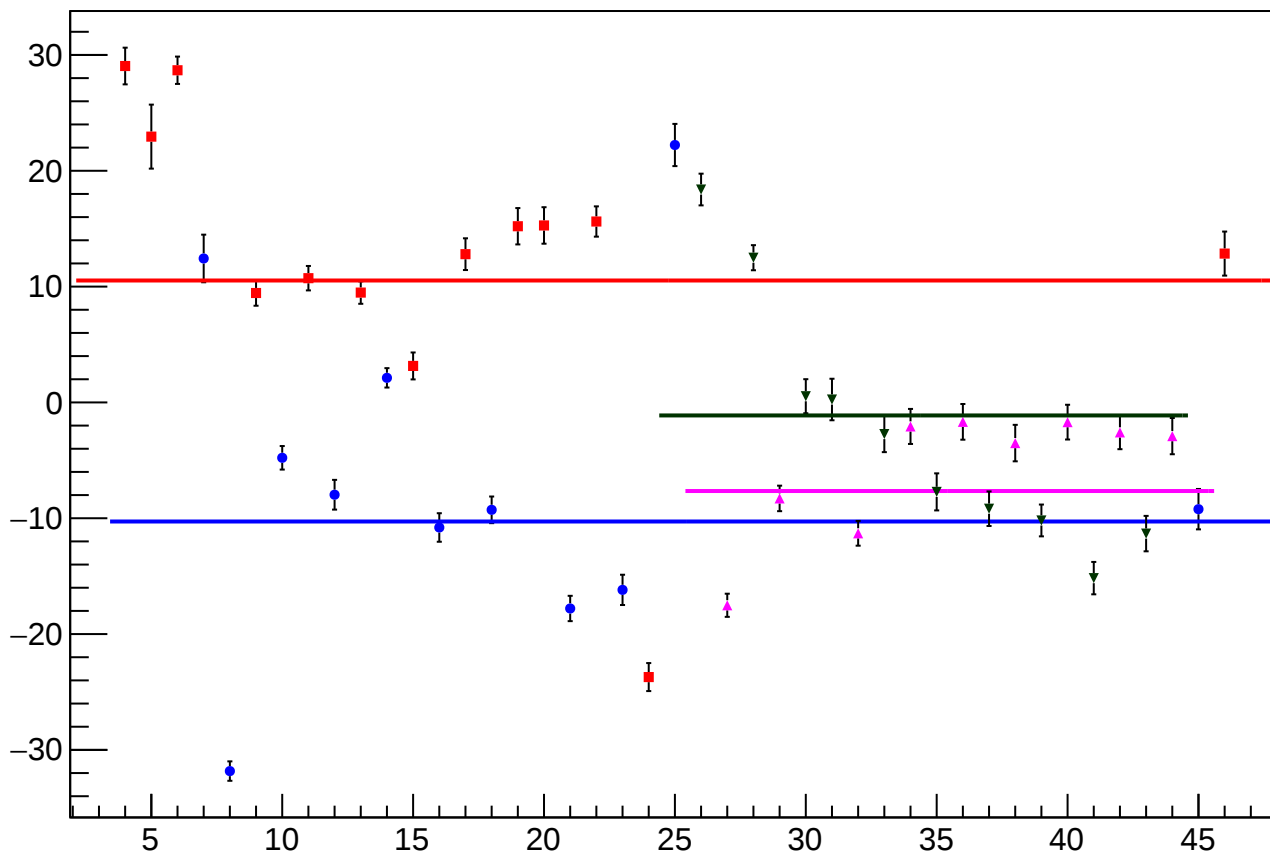
Right Out: 2108.131+/-0.573 χ^2/NDF : 267924.0/12

Left In: 3181.733+/-0.981 χ^2/NDF :715443.9/8

2316.704+/-0.485 χ^2/NDF : 2032557.2/20

2381.787+/-0.495 χ^2/NDF : 1876639.5/21

diff_bpm2i01X_mean vs slug



Right In: -10.281 ± 0.351 χ^2/NDF : 1420.7/10

Left Out: -1.124 ± 0.453 χ^2/NDF : 599.1/9

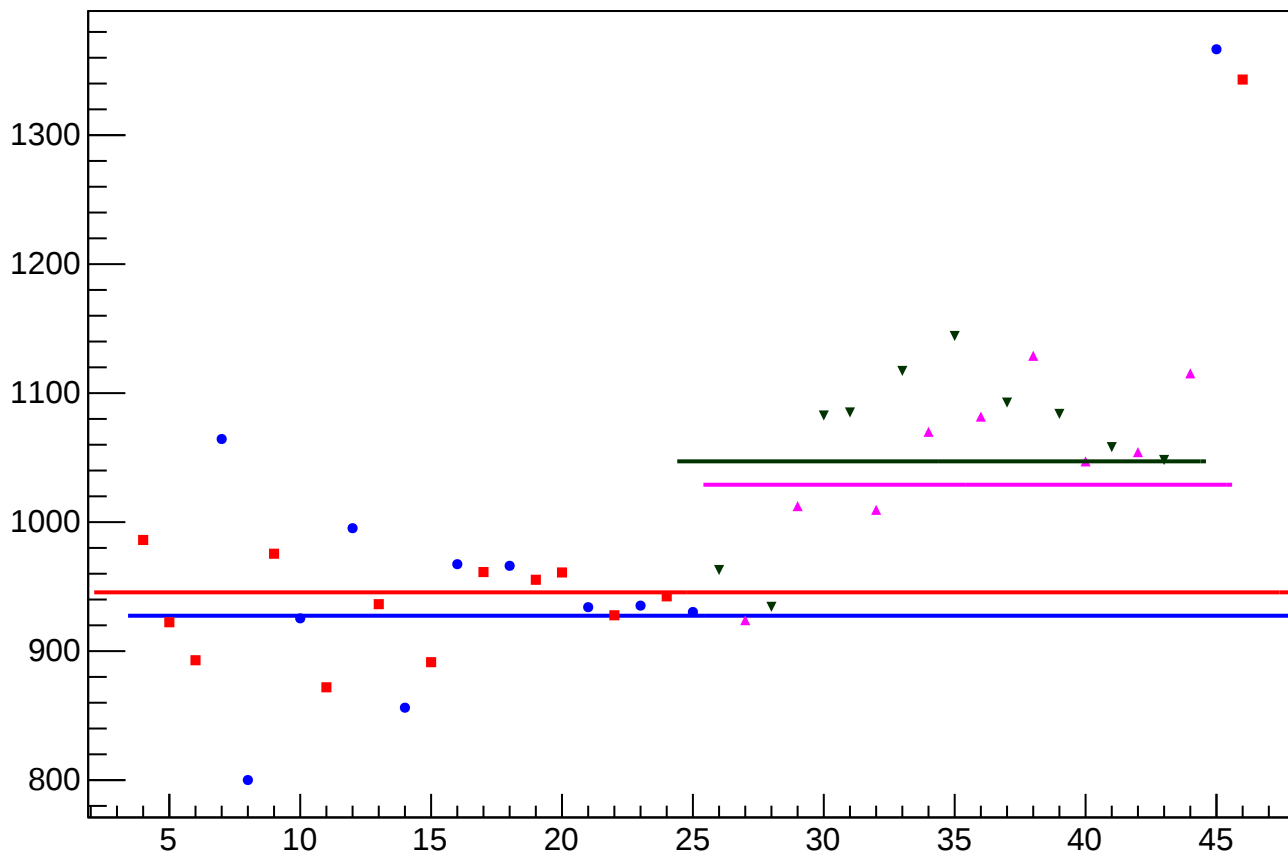
Right Out: 10.527 ± 0.361 χ^2/NDF : 1274.8/12

Left In: -7.649 ± 0.435 χ^2/NDF : 182.1/8

-6.845 ± 0.277 χ^2/NDF : 2275.4/20

3.104 ± 0.278 χ^2/NDF : 2491.6/21

diff_bpm2i01X_rms vs slug



Right In: 927.436 $\pm$ 0.248 χ^2 /NDF: 206361.0/10

Left Out: 1047.121 $\pm$ 0.320 χ^2 /NDF:46145.4/9

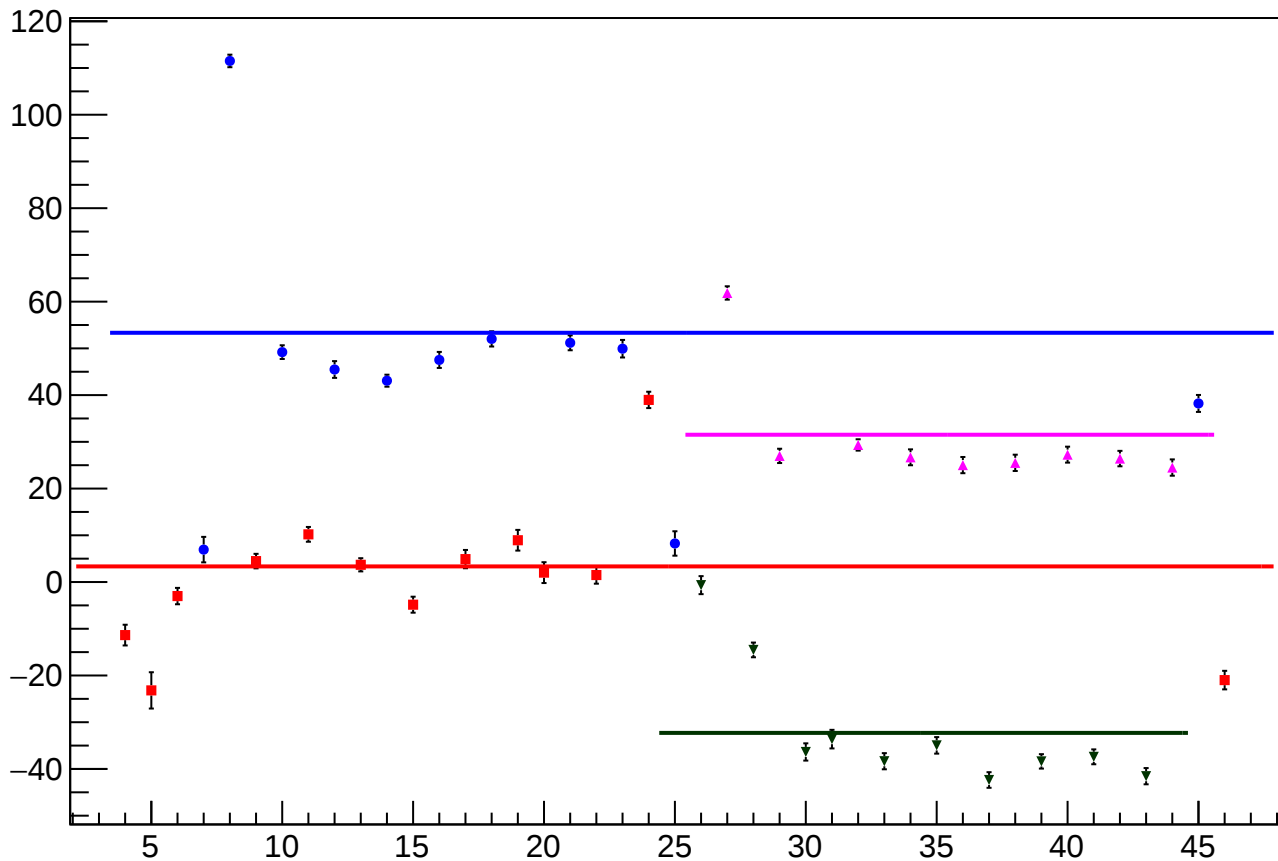
Right Out: 945.573 $\pm$ 0.255 χ^2 /NDF: 109458.6/12

Left In: 1028.985 $\pm$ 0.307 χ^2 /NDF:42067.0/8

972.338 $\pm$ 0.196 χ^2 /NDF: 339839.6/20

979.637 $\pm$ 0.196 χ^2 /NDF: 195103.2/21

diff_bpm2i01Y_mean vs slug



Right In: 53.338 $\pm$ 0.505 χ^2 /NDF: 2644.3/10

Left Out: -32.284 $\pm$ 0.544 χ^2 /NDF: 507.1/9

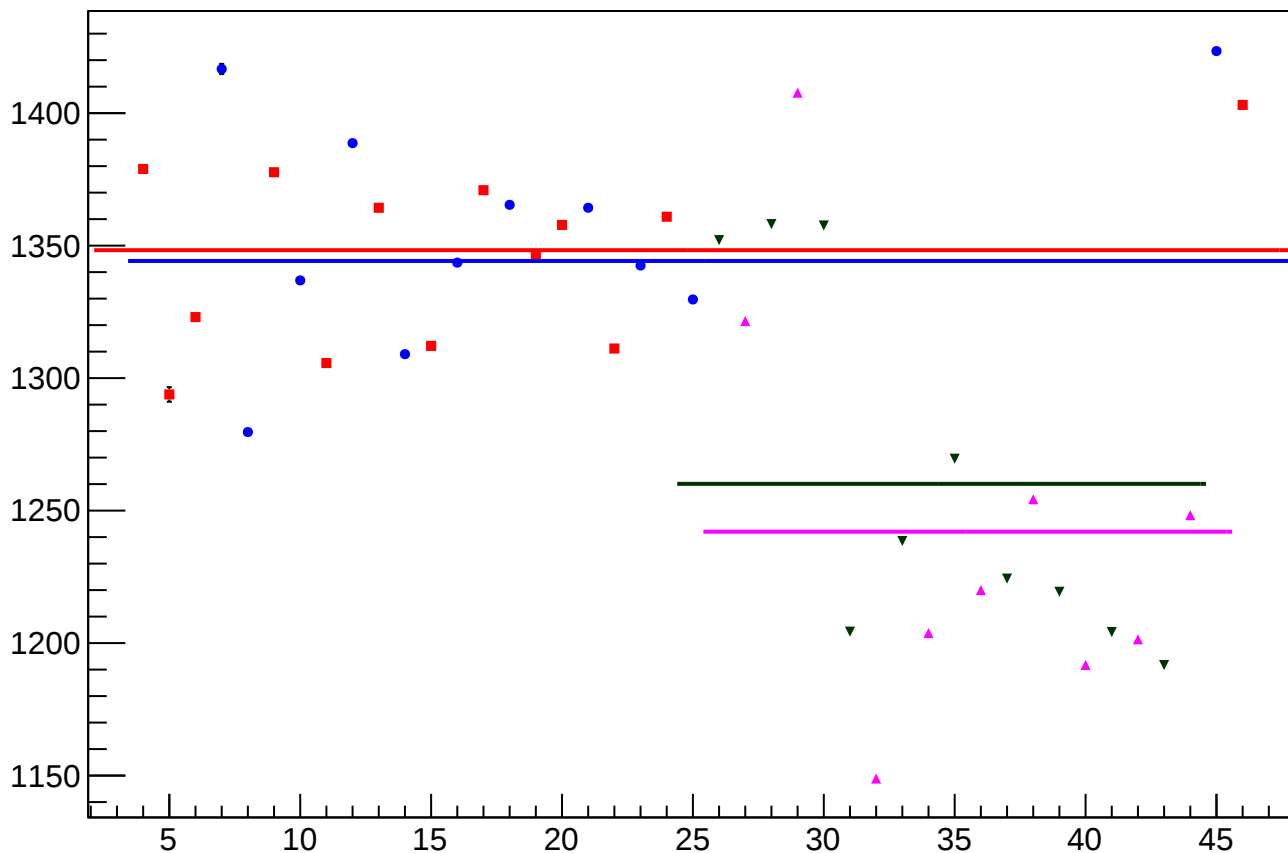
Right Out: 3.342 $\pm$ 0.514 χ^2 /NDF: 720.1/12

Left In: 31.519 $\pm$ 0.524 χ^2 /NDF: 528.5/8

13.683 $\pm$ 0.370 χ^2 /NDF: 16445.5/20

17.142 $\pm$ 0.367 χ^2 /NDF: 2722.9/21

diff_bpm2i01Y_rms vs slug



Right In: 1344.211+/-0.357 χ^2/NDF : 13352.1/10

Left Out: 1260.097+/-0.385 χ^2/NDF : 27715.7/9

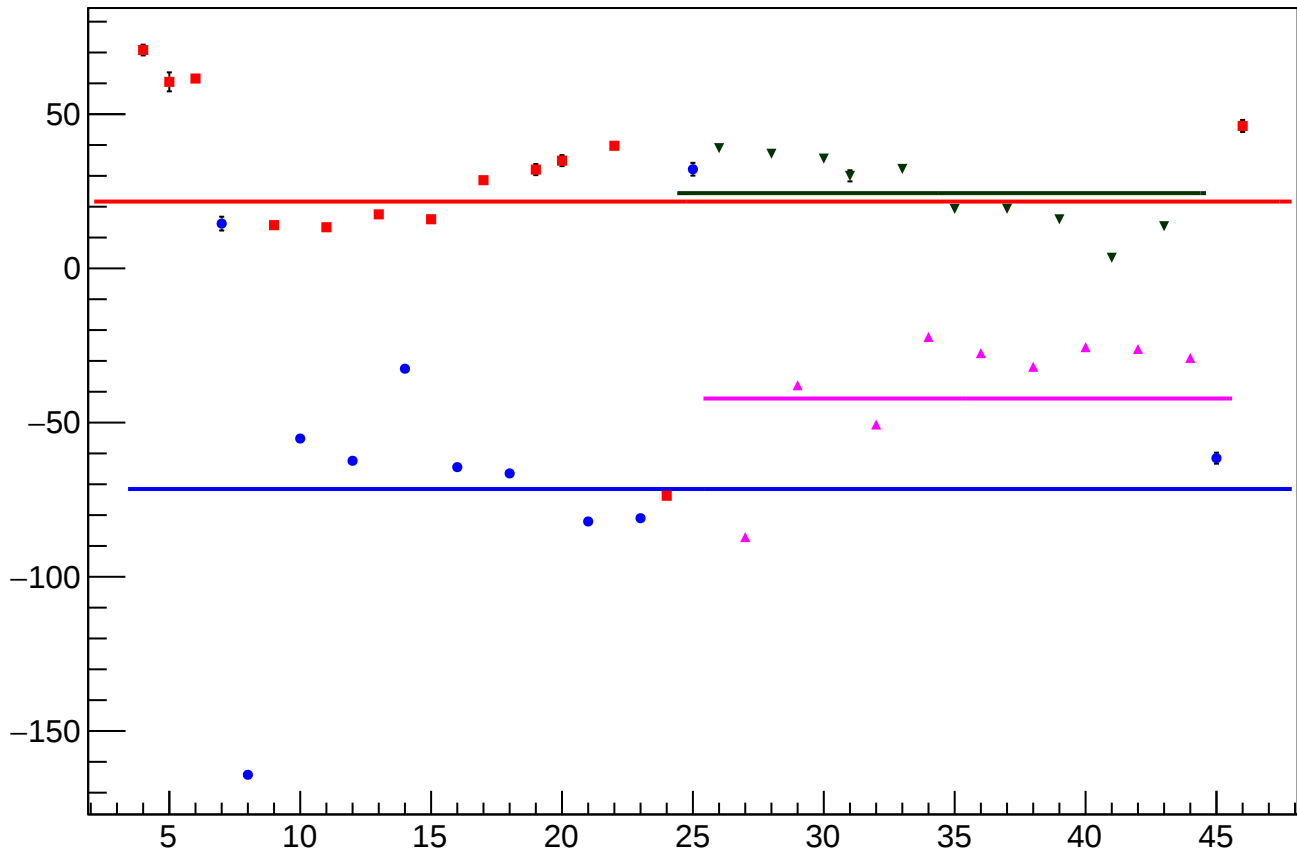
Right Out: 1348.281+/-0.363 χ^2/NDF : 7241.8/12

Left In: 1242.040+/-0.371 χ^2/NDF : 45832.2/8

1305.254+/-0.262 χ^2/NDF : 66727.4/20

1296.248+/-0.259 χ^2/NDF : 94990.4/21

diff_bpm2i02X_mean vs slug



Right In: -71.540 ± 0.398 $\chi^2/\text{NDF}: 15063.6/10$

Left Out: 24.394 ± 0.474 $\chi^2/\text{NDF}: 609.0/9$

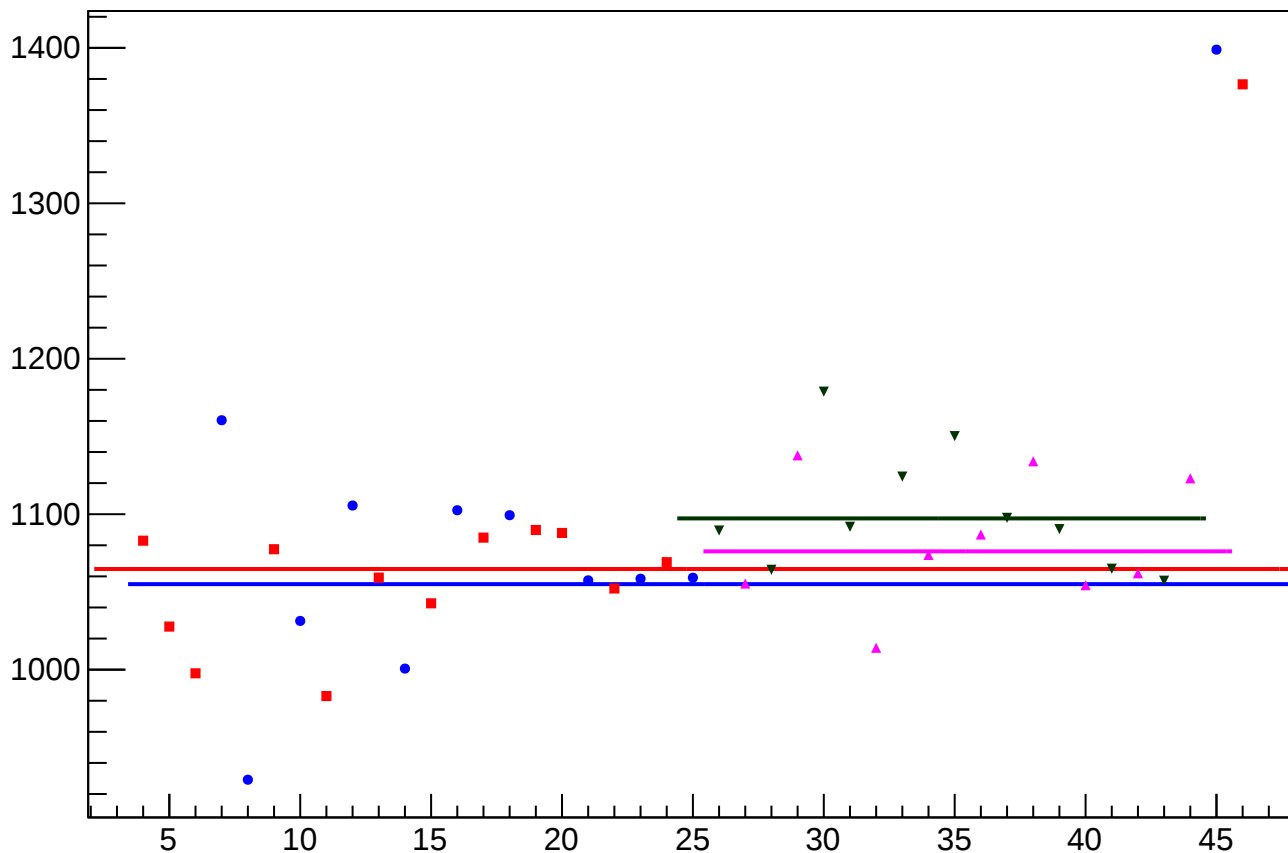
-31.851 ± 0.305 $\chi^2/\text{NDF}: 39733.4/20$

Right Out: 21.666 ± 0.406 $\chi^2/\text{NDF}: 7241.8/12$

-6.710 ± 0.303 $\chi^2/\text{NDF}: 20481.0/21$

Left In: -42.193 ± 0.454 $\chi^2/\text{NDF}: 2243.7/8$

diff_bpm2i02X_rms vs slug



Right In: 1055.012+/-0.281 χ^2/NDF : 126219.1/10

Left Out: 1097.296+/-0.335 χ^2/NDF : 11915.4/9

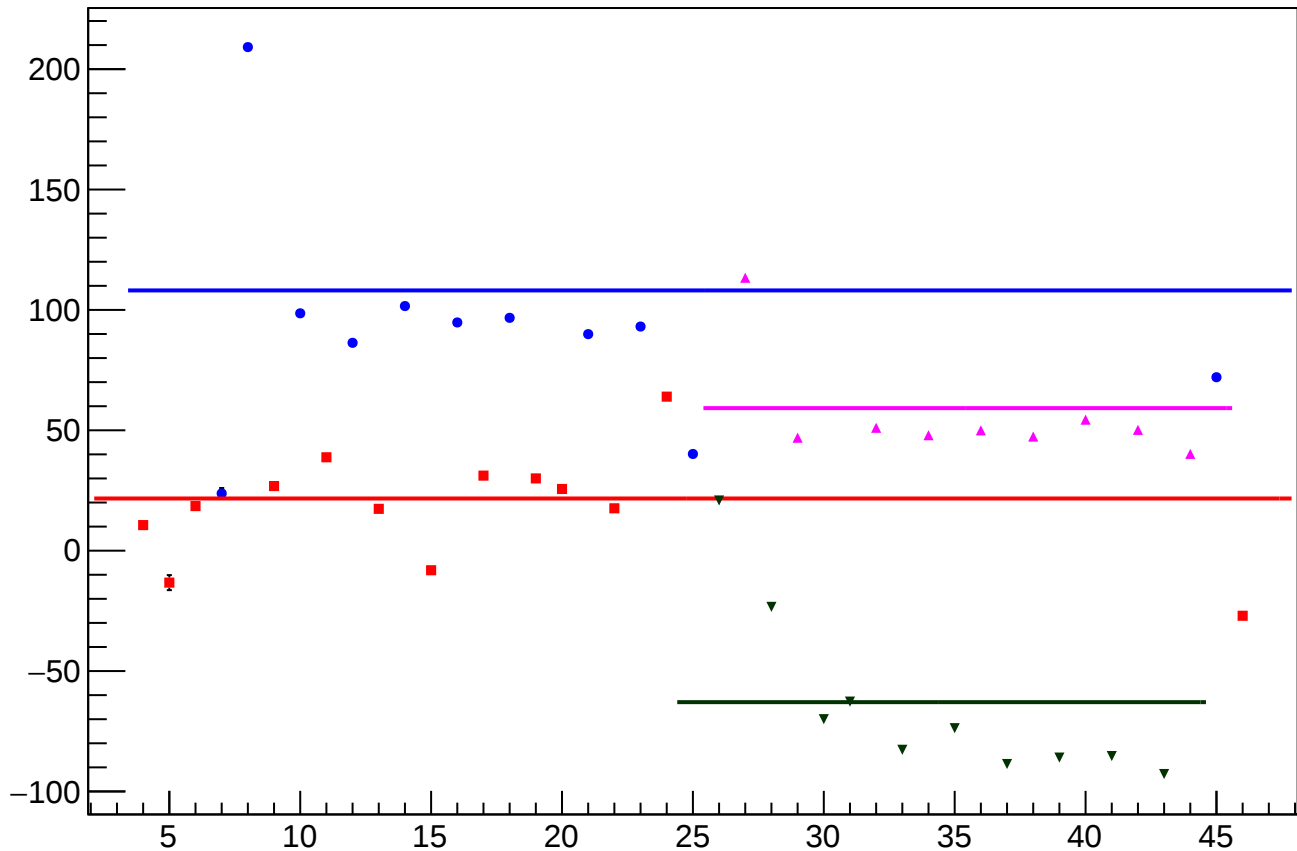
Right Out: 1064.753+/-0.287 χ^2/NDF : 68359.7/12

Left In: 1076.108+/-0.321 χ^2/NDF : 17511.2/8

1072.505+/-0.215 χ^2/NDF : 147483.1/20

1069.798+/-0.214 χ^2/NDF : 86566.2/21

diff_bpm2i02Y_mean vs slug



Right In: 108.097 $\pm$ 0.403 χ^2 /NDF: 13769.7/10

Left Out: -62.914 $\pm$ 0.478 χ^2 /NDF: 5328.9/9

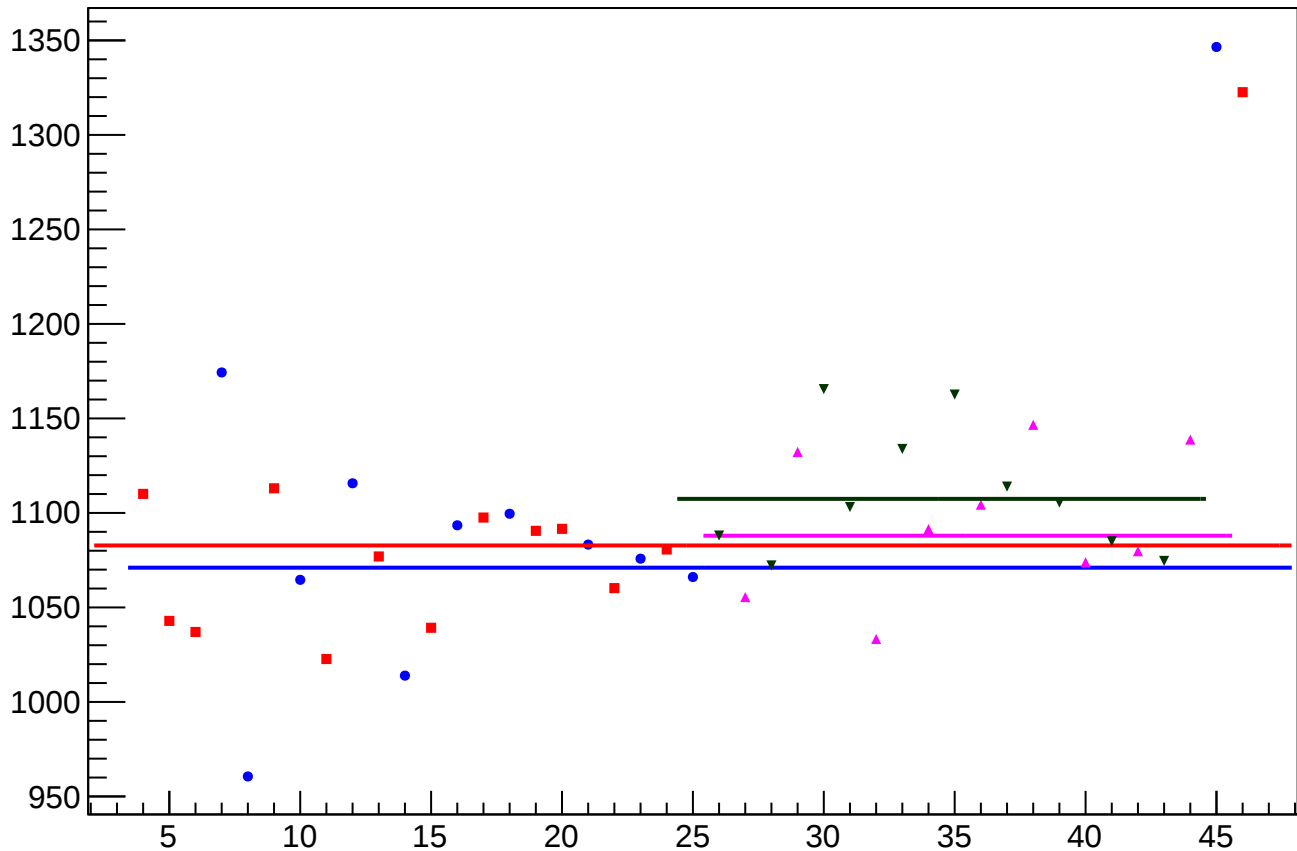
Right Out: 21.677 $\pm$ 0.413 χ^2 /NDF: 2553.2/12

Left In: 59.213 $\pm$ 0.459 χ^2 /NDF: 2740.6/8

36.918 $\pm$ 0.308 χ^2 /NDF: 93891.0/20

38.464 $\pm$ 0.307 χ^2 /NDF: 8995.4/21

diff_bpm2i02Y_rms vs slug



Right In: 1071.033+/-0.285 χ^2/NDF : 89926.0/10

Left Out: 1107.440+/-0.338 χ^2/NDF : 8902.6/9

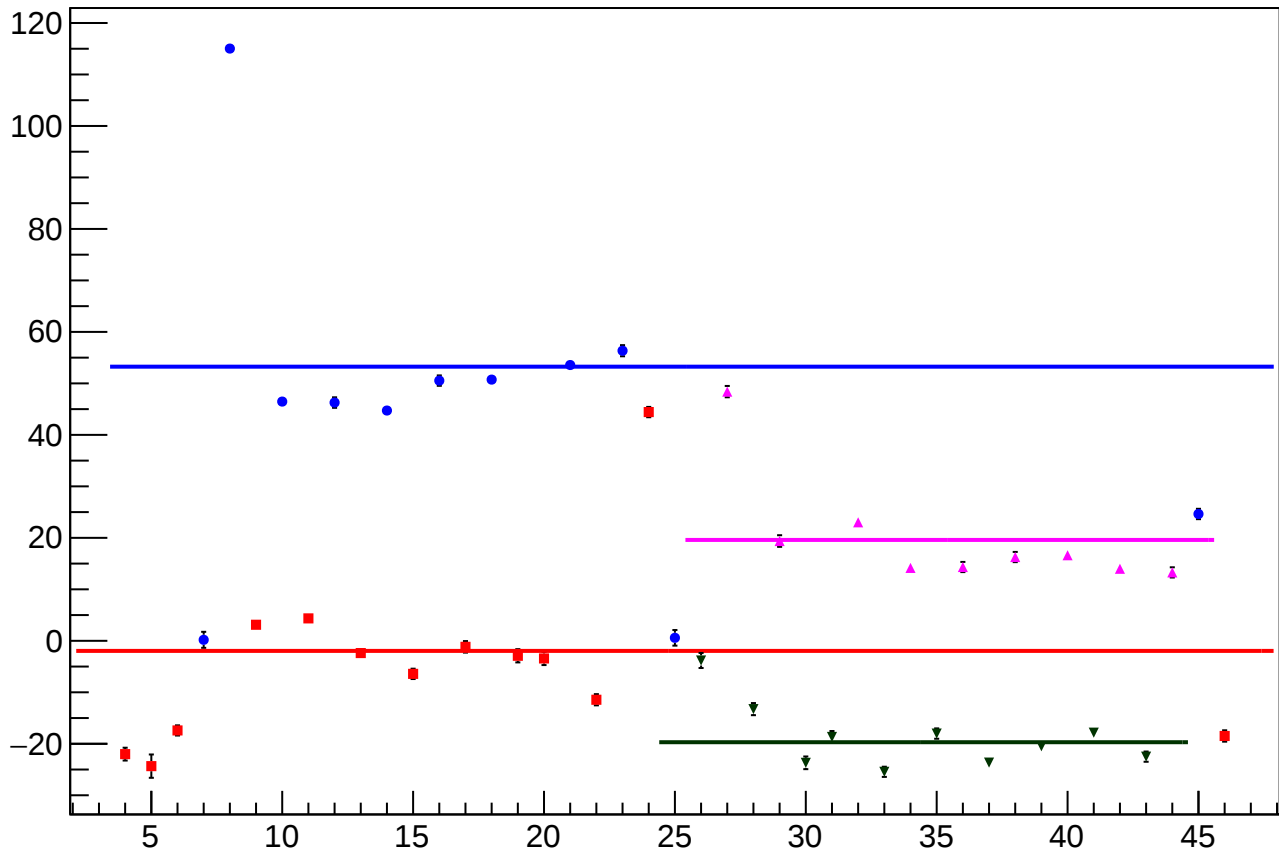
Right Out: 1082.792+/-0.292 χ^2/NDF : 44521.1/12

Left In: 1087.950+/-0.324 χ^2/NDF : 14406.0/8

1086.187+/-0.218 χ^2/NDF : 105608.4/20

1085.099+/-0.217 χ^2/NDF : 59066.9/21

diff_bpm1i04X_mean vs slug



Right In: 53.247 $\pm$ 0.289 χ^2 /NDF: 10092.7/10

Left Out: -19.696 $\pm$ 0.329 χ^2 /NDF: 226.0/9

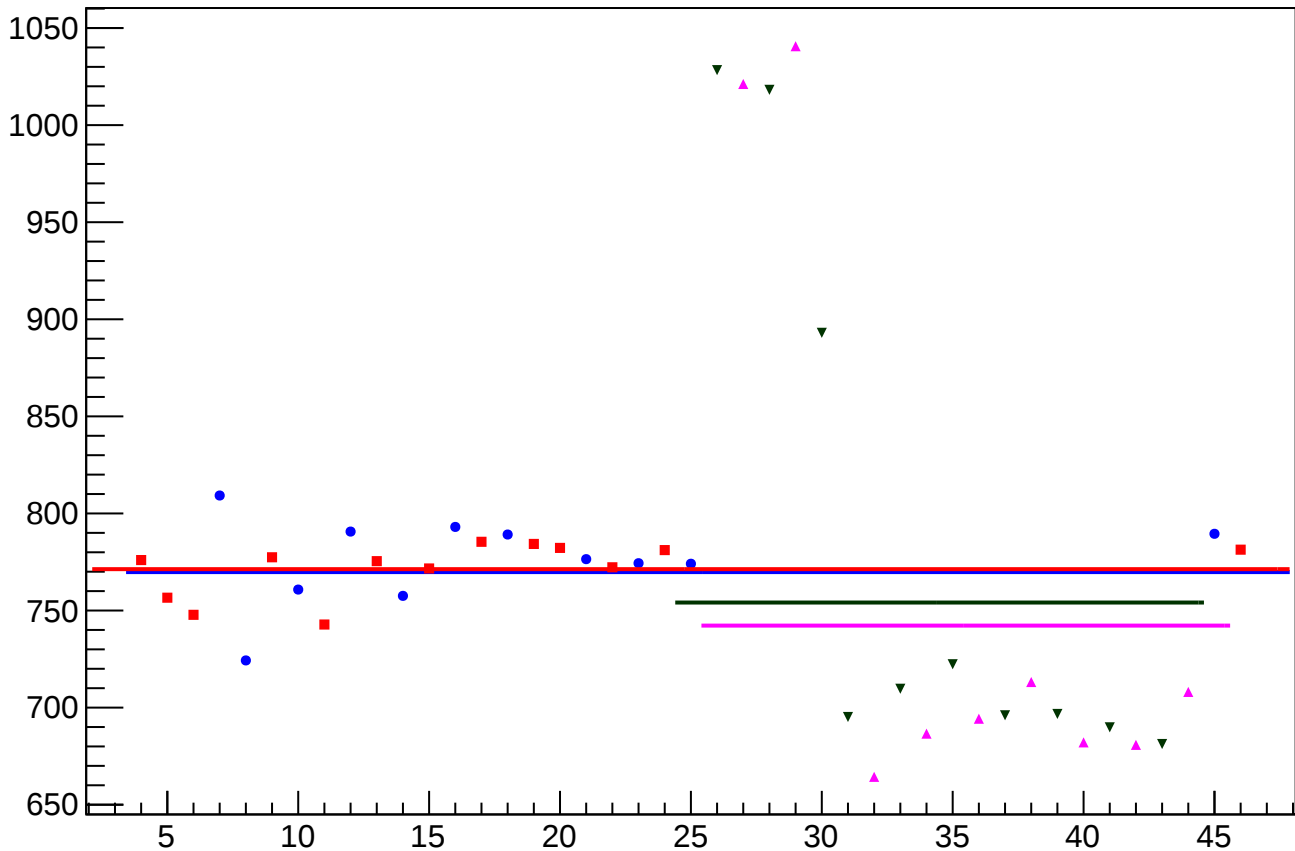
Right Out: -1.959 $\pm$ 0.293 χ^2 /NDF: 3148.9/12

Left In: 19.595 $\pm$ 0.317 χ^2 /NDF: 863.4/8

21.514 $\pm$ 0.217 χ^2 /NDF: 38052.0/20

7.979 $\pm$ 0.215 χ^2 /NDF: 6503.3/21

diff_bpm1i04X_rms vs slug



Right In: 769.797 $\pm$ 0.204 χ^2 /NDF: 12947.6/10

Left Out: 754.119 $\pm$ 0.233 χ^2 /NDF: 244495.9/9

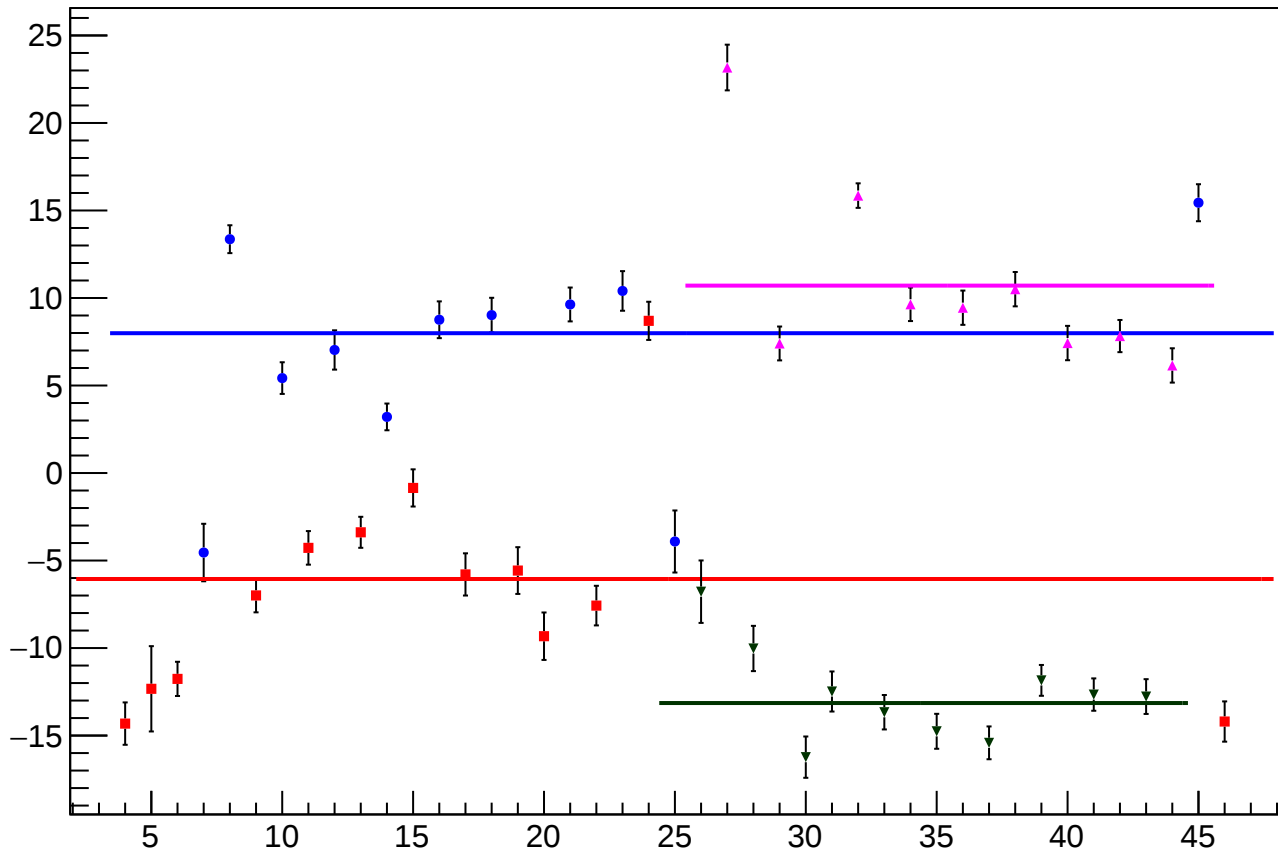
Right Out: 771.311 $\pm$ 0.207 χ^2 /NDF: 4437.1/12

Left In: 742.240 $\pm$ 0.224 χ^2 /NDF: 324033.0/8

762.976 $\pm$ 0.154 χ^2 /NDF: 260006.1/20

757.908 $\pm$ 0.152 χ^2 /NDF: 337533.0/21

diff_bpm1i04Y_mean vs slug



Right In: 7.989 ± 0.306 χ^2/NDF : 255.5/10

Left Out: -13.141 ± 0.333 χ^2/NDF : 37.1/9

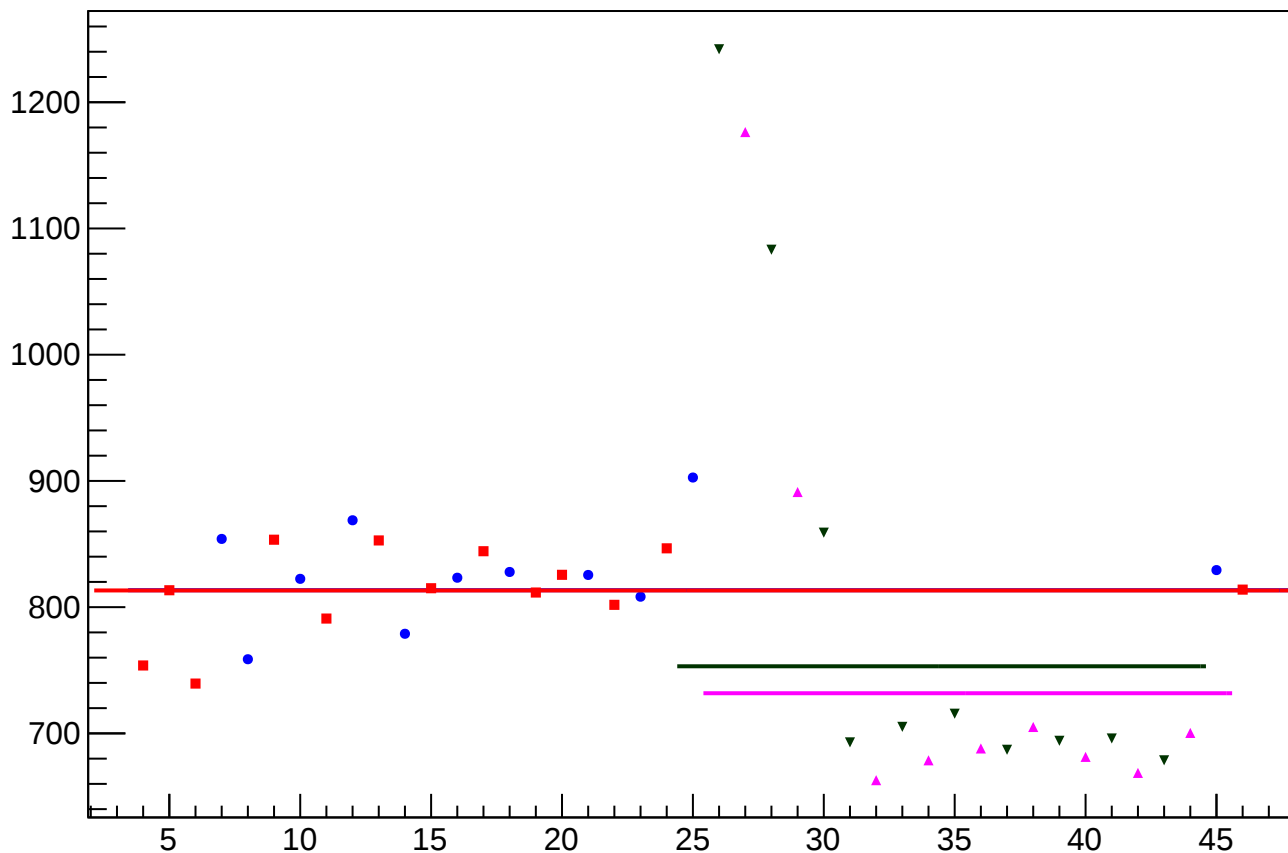
Right Out: -6.055 ± 0.310 χ^2/NDF : 365.5/12

Left In: 10.708 ± 0.314 χ^2/NDF : 202.2/8

-1.702 ± 0.225 χ^2/NDF : 2477.6/20

2.220 ± 0.221 χ^2/NDF : 2008.2/21

diff_bpm1i04Y_rms vs slug



Right In: 813.430 $\pm$ 0.216 χ^2 /NDF: 26292.7/10

Left Out: 753.162 $\pm$ 0.235 χ^2 /NDF: 347457.9/9

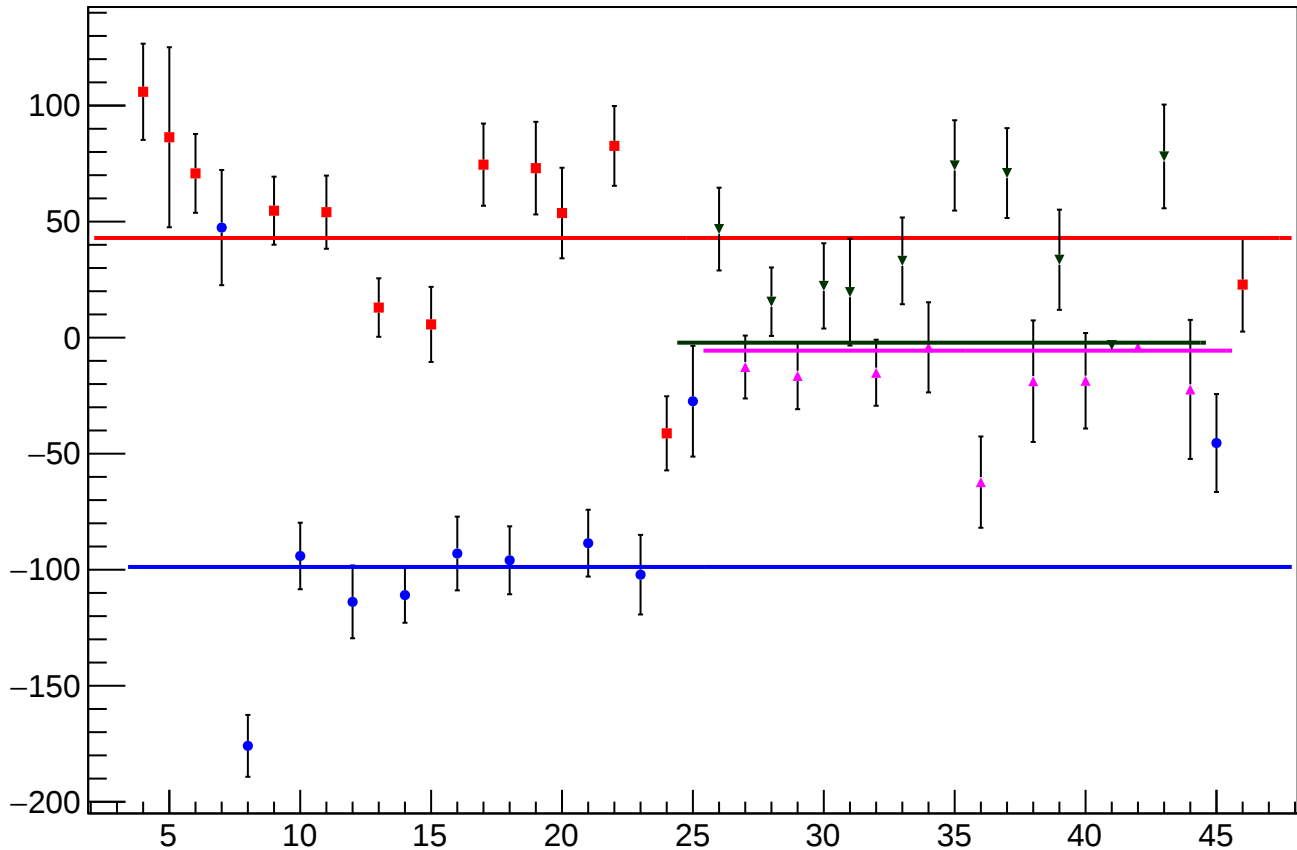
Right Out: 813.240 $\pm$ 0.219 χ^2 /NDF: 28331.7/12

Left In: 731.813 $\pm$ 0.222 χ^2 /NDF: 333966.6/8

785.790 $\pm$ 0.159 χ^2 /NDF: 409301.1/20

773.043 $\pm$ 0.156 χ^2 /NDF: 430283.4/21

diff_bpm0l02X_mean vs slug



Right In: -98.807 ± 4.763 χ^2/NDF : 86.3/10

Left Out: -2.165 ± 0.972 χ^2/NDF : 61.6/9

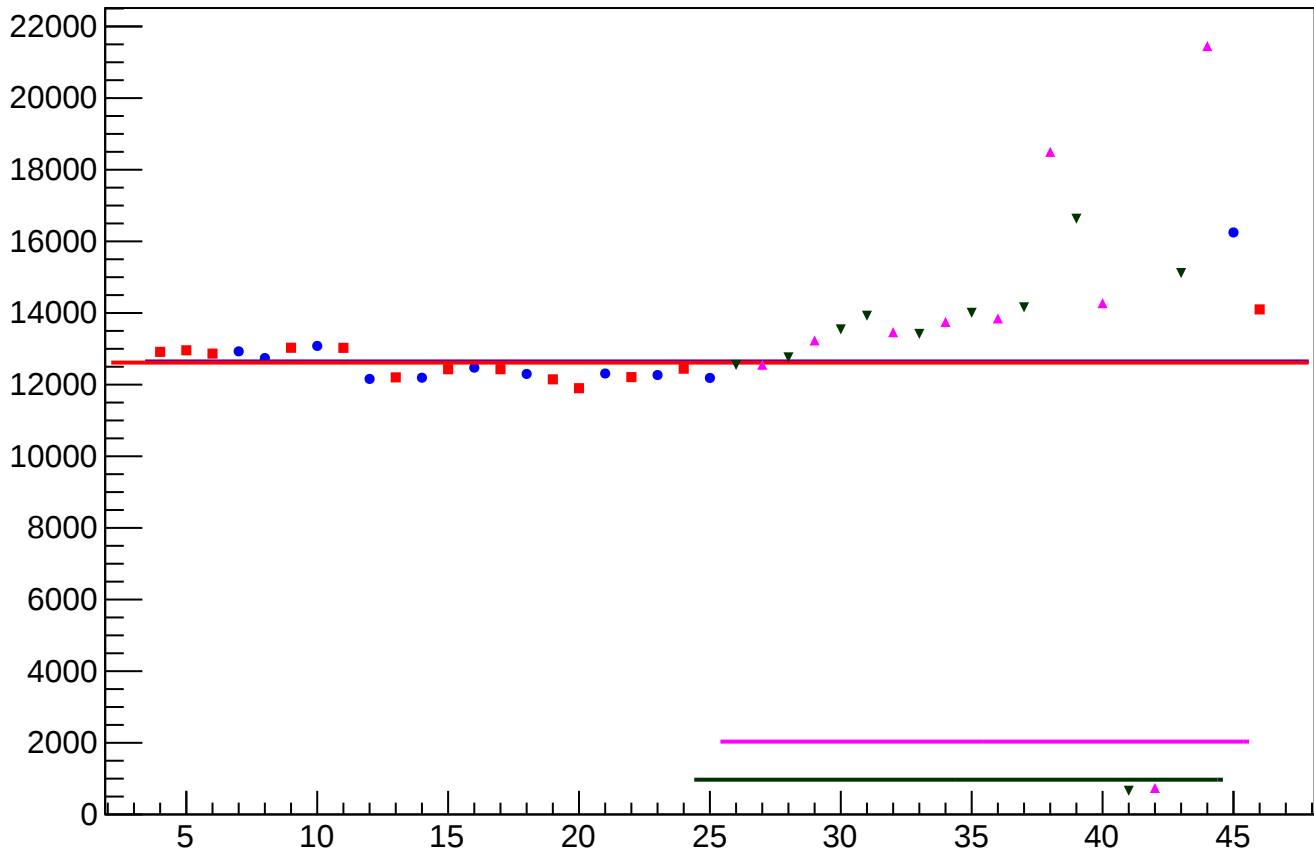
Right Out: 42.947 ± 4.805 χ^2/NDF : 65.1/12

Left In: -5.599 ± 1.958 χ^2/NDF : 11.1/8

-6.028 ± 0.952 χ^2/NDF : 543.2/20

1.316 ± 1.813 χ^2/NDF : 163.7/21

diff_bpm0l02X_rms vs slug



Right In: 12646.996+/-3.368 χ^2/NDF : 69446.3/10

Left Out: 970.582+/-0.687 χ^2/NDF :8456735.2/9

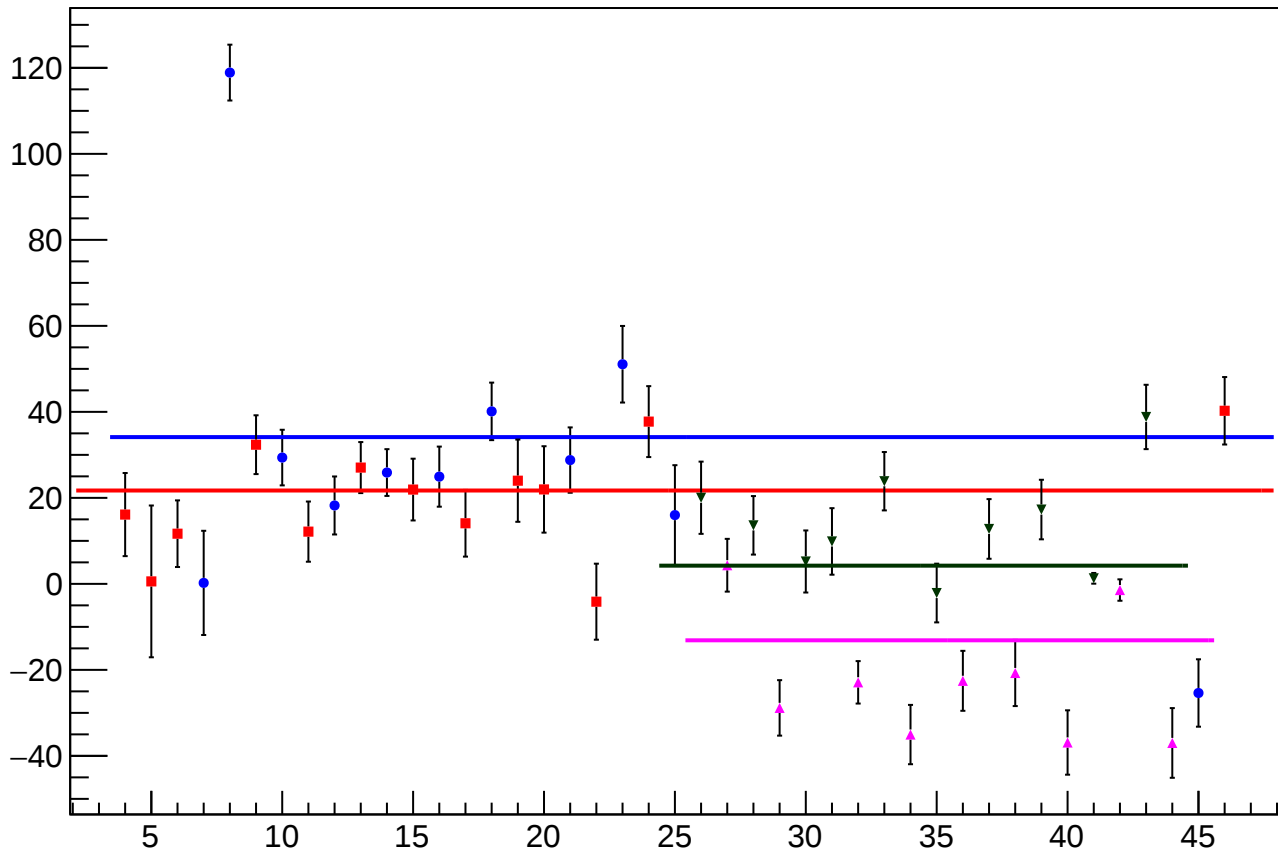
Right Out: 12615.535+/-3.397 χ^2/NDF : 22460.8/12

Left In: 2033.232+/-1.385 χ^2/NDF :8290377.8/8

1437.316+/-0.673 χ^2/NDF : 20067380.1/20

3540.523+/-1.282 χ^2/NDF : 16633324.1/21

diff_bpm0l02Y_mean vs slug



Right In: 34.131 ± 2.199 $\chi^2/\text{NDF}: 253.4/10$

Left Out: 4.234 ± 1.105 $\chi^2/\text{NDF}: 47.2/9$

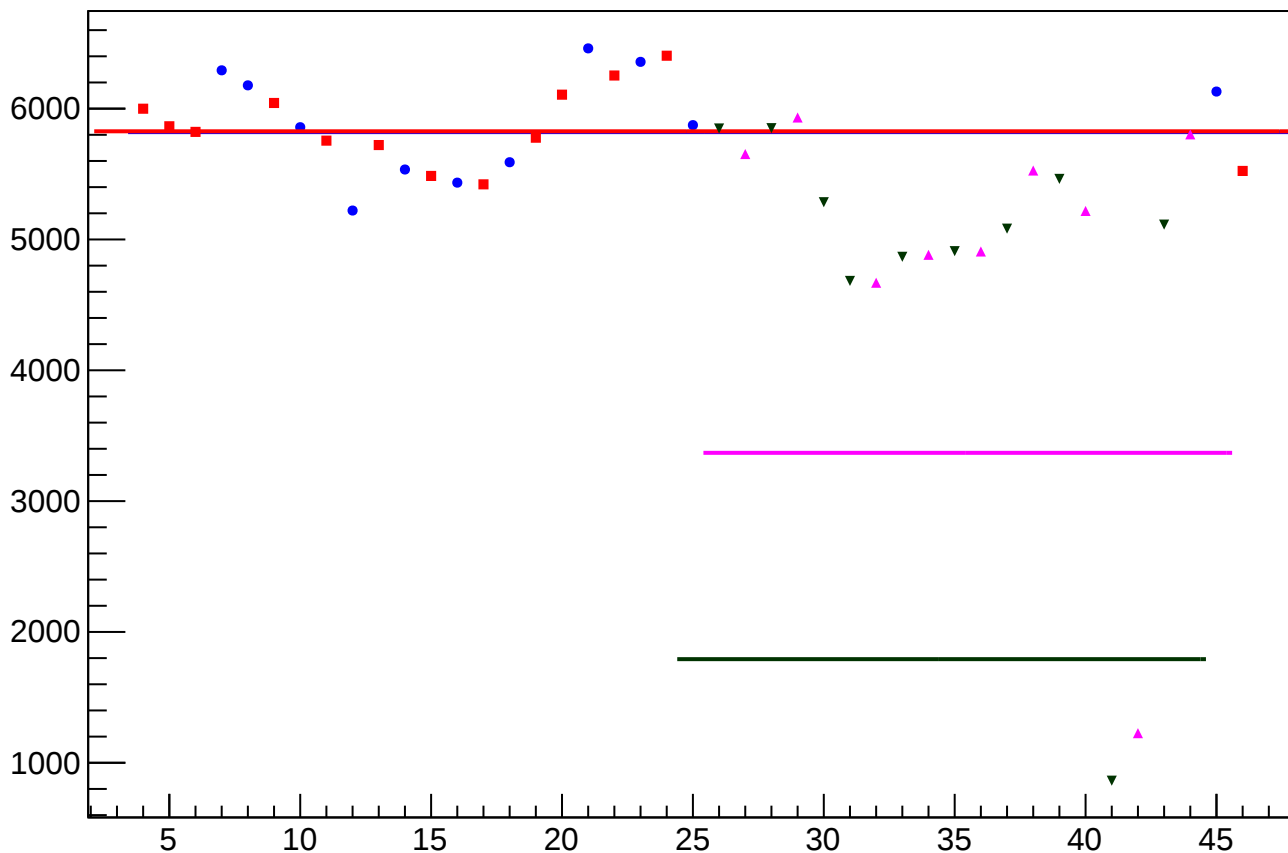
Right Out: 21.711 ± 2.228 $\chi^2/\text{NDF}: 27.5/12$

Left In: -13.126 ± 1.704 $\chi^2/\text{NDF}: 71.6/8$

10.262 ± 0.988 $\chi^2/\text{NDF}: 448.1/20$

-0.273 ± 1.354 $\chi^2/\text{NDF}: 253.4/21$

diff_bpm0l02Y_rms vs slug



Right In: 5820.573+/-1.555 χ^2/NDF : 63606.2/10

Left Out: 1792.038+/-0.782 χ^2/NDF : 5271430.0/9

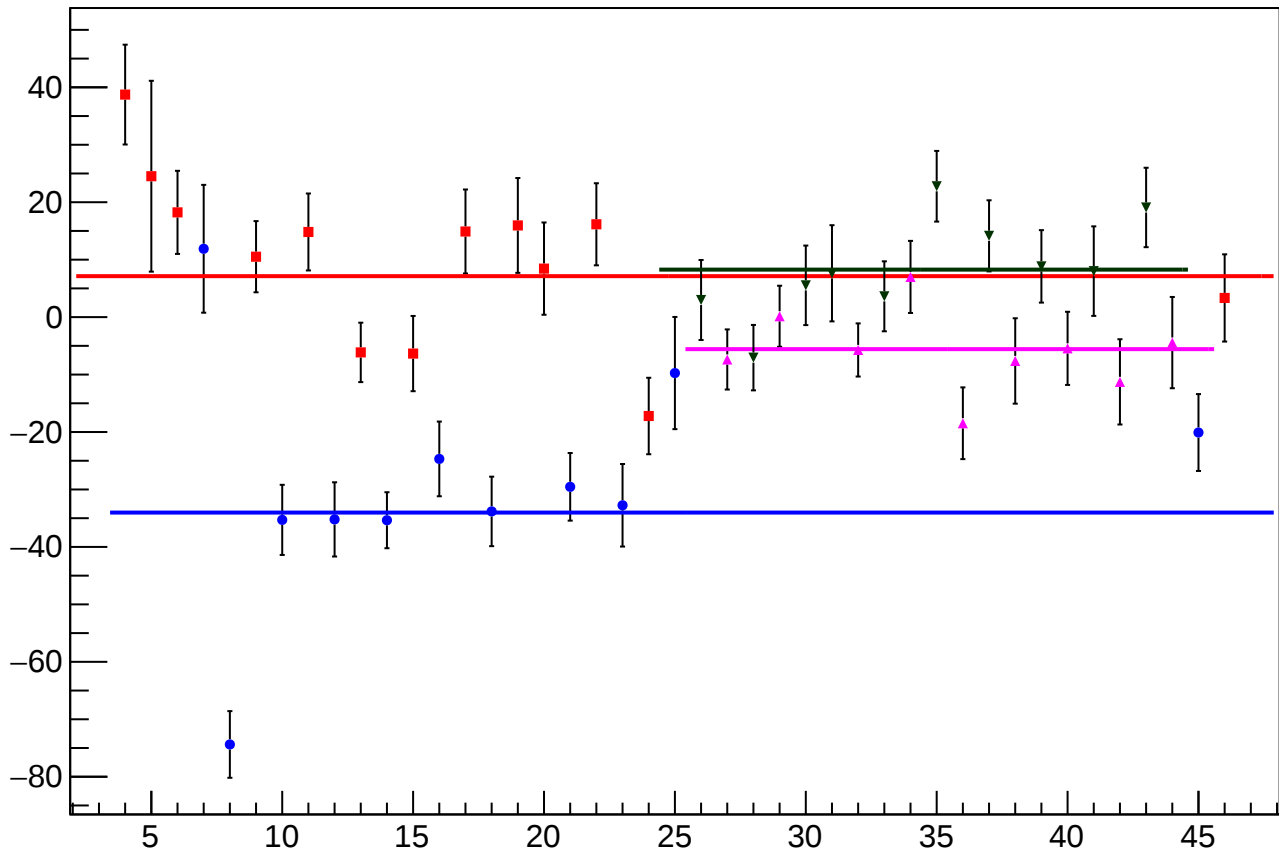
Right Out: 5826.754+/-1.576 χ^2/NDF : 32527.7/12

Left In: 3369.133+/-1.205 χ^2/NDF : 2866176.4/8

2604.291+/-0.698 χ^2/NDF : 10691828.4/20

4275.882+/-0.957 χ^2/NDF : 4433918.8/21

diff_bpm0l03X_mean vs slug



Right In: -34.019 ± 1.951 $\chi^2/\text{NDF}: 78.8/10$

Left Out: 8.269 ± 2.091 $\chi^2/\text{NDF}: 17.5/9$

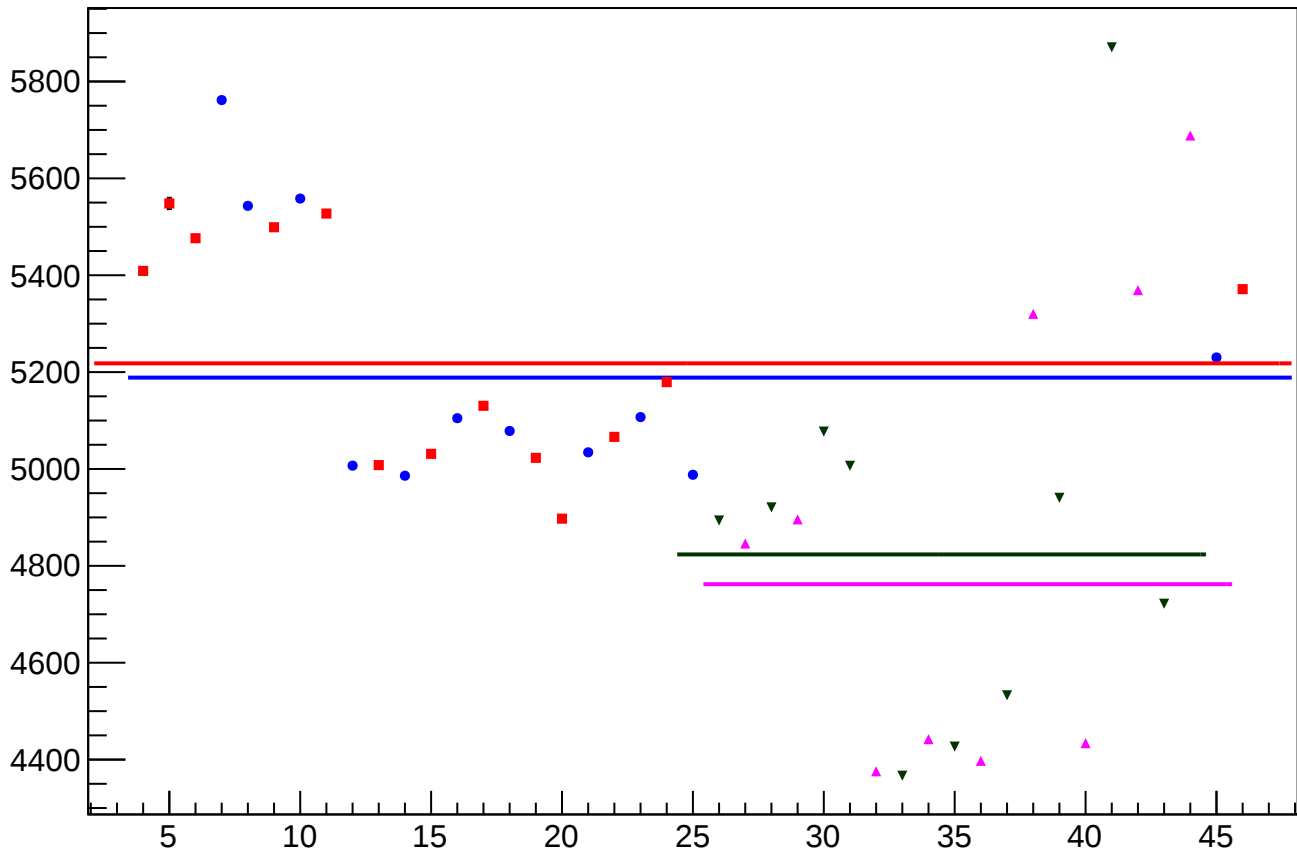
Right Out: 7.130 ± 1.986 $\chi^2/\text{NDF}: 46.7/12$

Left In: -5.574 ± 2.014 $\chi^2/\text{NDF}: 10.3/8$

-14.346 ± 1.427 $\chi^2/\text{NDF}: 314.9/20$

0.866 ± 1.414 $\chi^2/\text{NDF}: 77.1/21$

diff_bpm0l03X_rms vs slug



Right In: 5188.635 $\pm$ 1.379 χ^2 /NDF: 28698.8/10

Left Out: 4823.564 $\pm$ 1.479 χ^2 /NDF:65634.4/9

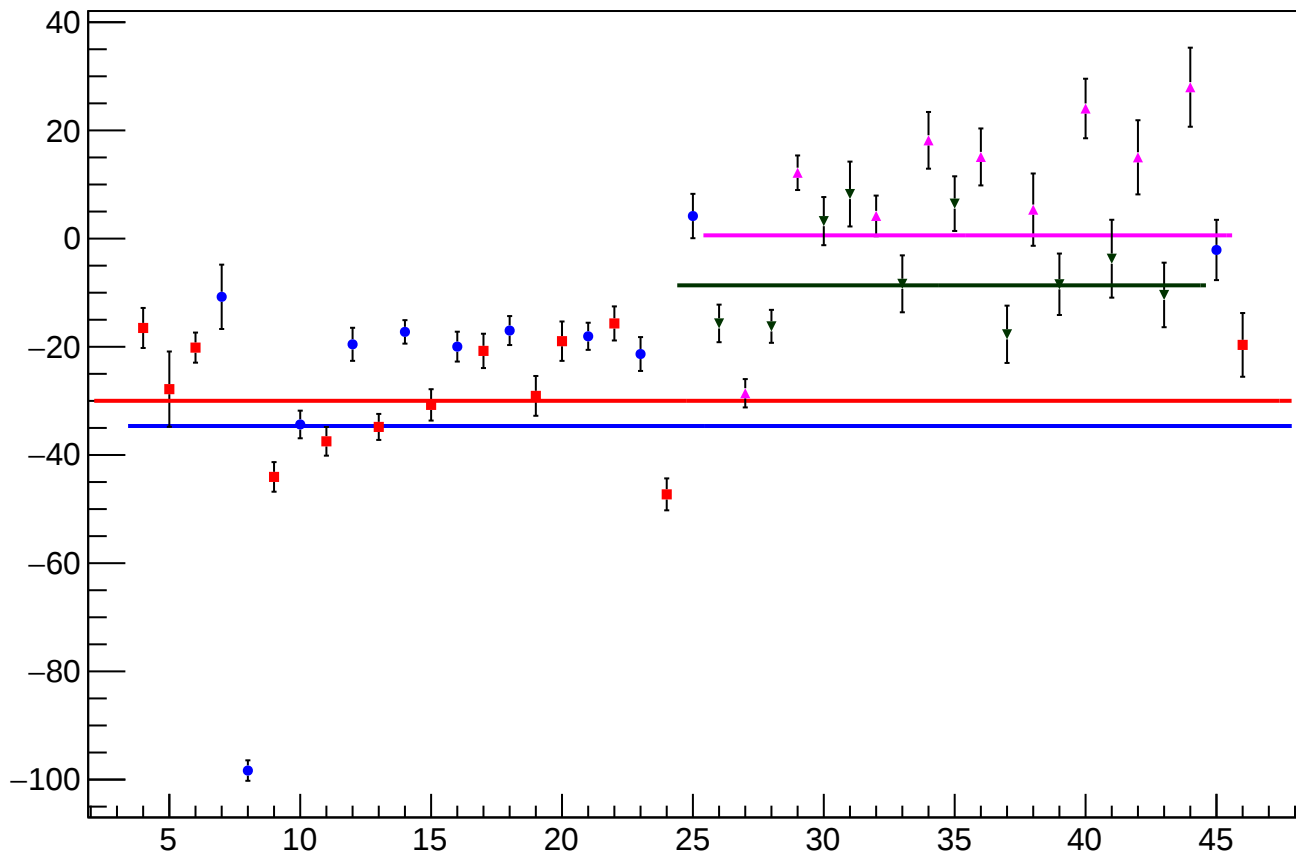
Right Out: 5218.098 $\pm$ 1.404 χ^2 /NDF: 23996.0/12

Left In: 4762.141 $\pm$ 1.424 χ^2 /NDF:84948.8/8

5018.800 $\pm$ 1.009 χ^2 /NDF: 126921.9/20

4993.270 $\pm$ 1.000 χ^2 /NDF: 160912.7/21

diff_bpm0l03Y_mean vs slug



Right In: -34.642 $\pm$ 0.844 χ^2 /NDF: 1494.2/10

Left Out: -8.640 $\pm$ 1.477 χ^2 /NDF: 37.8/9

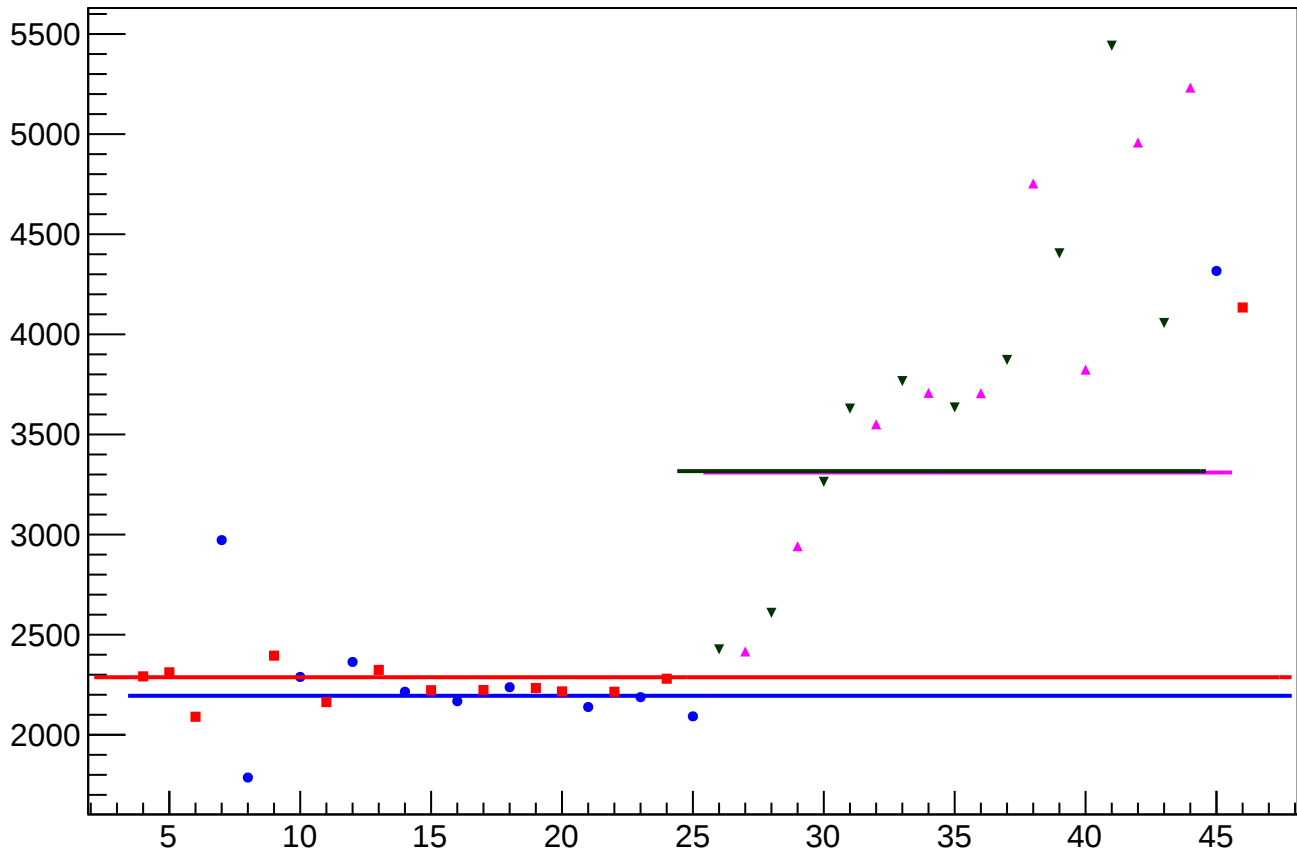
Right Out: -29.985 $\pm$ 0.882 χ^2 /NDF: 140.0/12

Left In: 0.601 $\pm$ 1.440 χ^2 /NDF: 194.1/8

-28.243 $\pm$ 0.733 χ^2 /NDF: 1765.6/20

-21.632 $\pm$ 0.752 χ^2 /NDF: 662.2/21

diff_bpm0l03Y_rms vs slug



Right In: 2194.809+/-0.597 χ^2/NDF : 429175.5/10

Left Out: 3316.868+/-1.044 χ^2/NDF : 568076.0/9

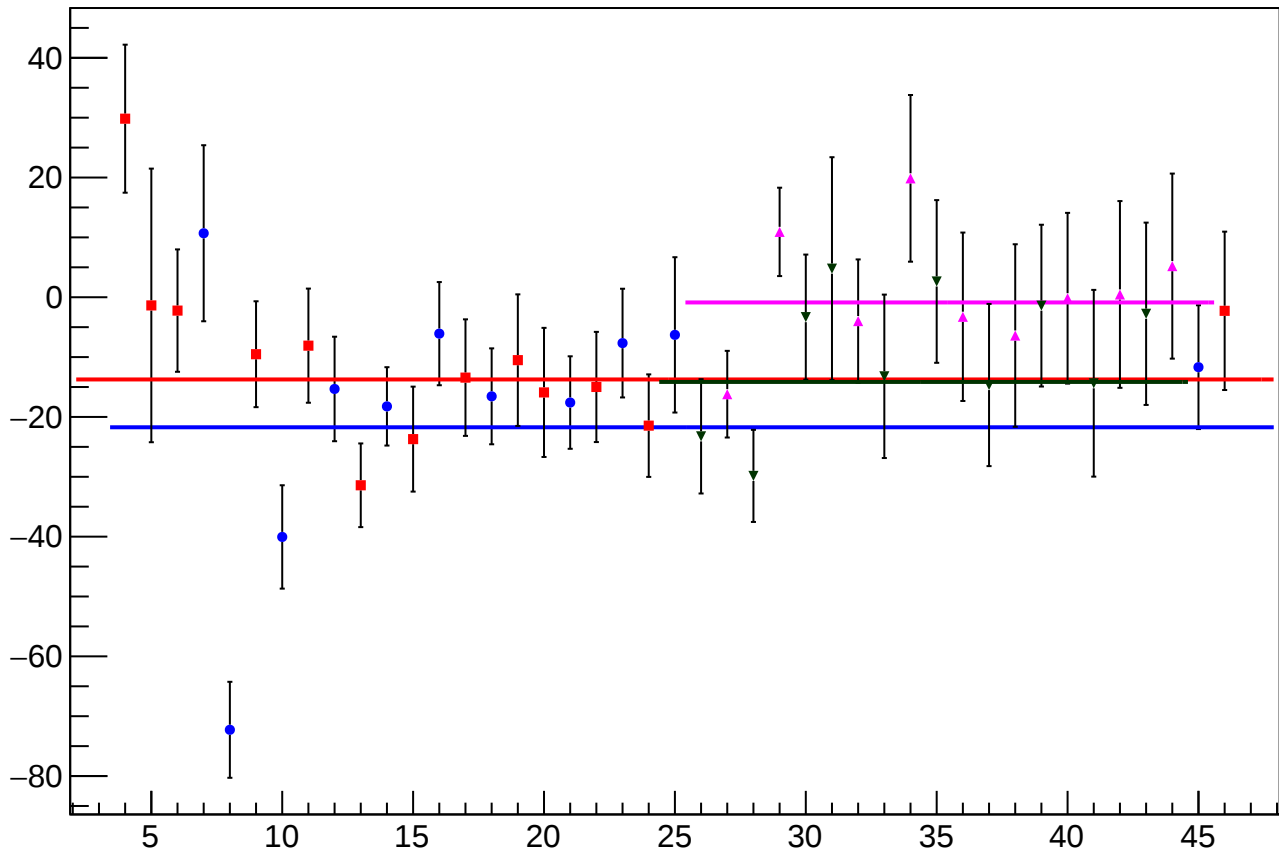
Right Out: 2287.512+/-0.624 χ^2/NDF : 218654.5/12

Left In: 3309.905+/-1.018 χ^2/NDF : 655131.6/8

2470.963+/-0.518 χ^2/NDF : 1867276.2/20

2566.734+/-0.532 χ^2/NDF : 1606924.4/21

diff_bpm0l04X_mean vs slug



Right In: -21.727 ± 2.642 χ^2/NDF : 58.7/10

Left Out: -14.150 ± 3.779 χ^2/NDF : 10.2/9

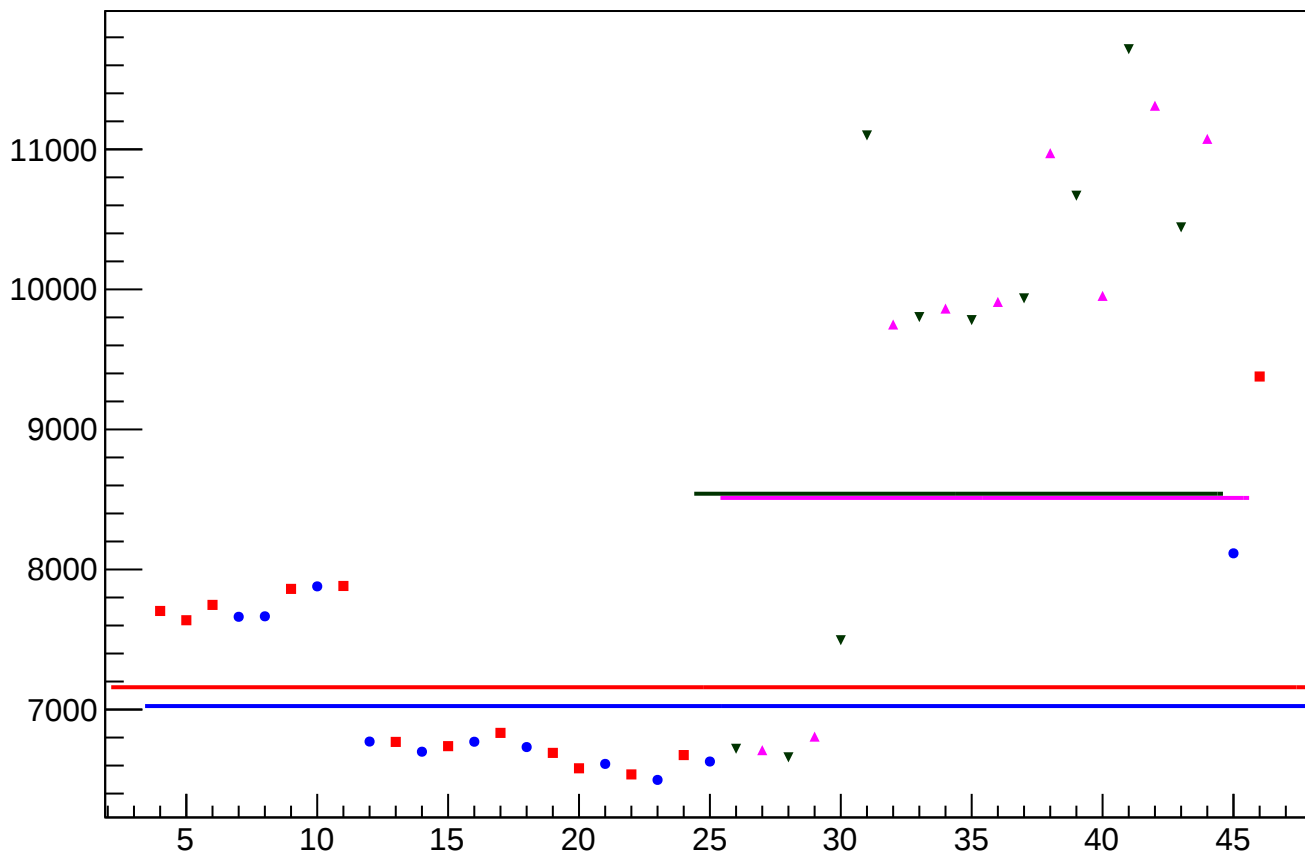
Right Out: -13.737 ± 2.734 χ^2/NDF : 23.9/12

Left In: -0.870 ± 3.662 χ^2/NDF : 9.7/8

-19.239 ± 2.165 χ^2/NDF : 71.5/20

-9.133 ± 2.191 χ^2/NDF : 41.5/21

diff_bpm0l04X_rms vs slug



Right In: 7024.803+/-1.868 χ^2/NDF : 83743.3/10

Left Out: 8541.053+/-2.672 χ^2/NDF : 468689.9/9

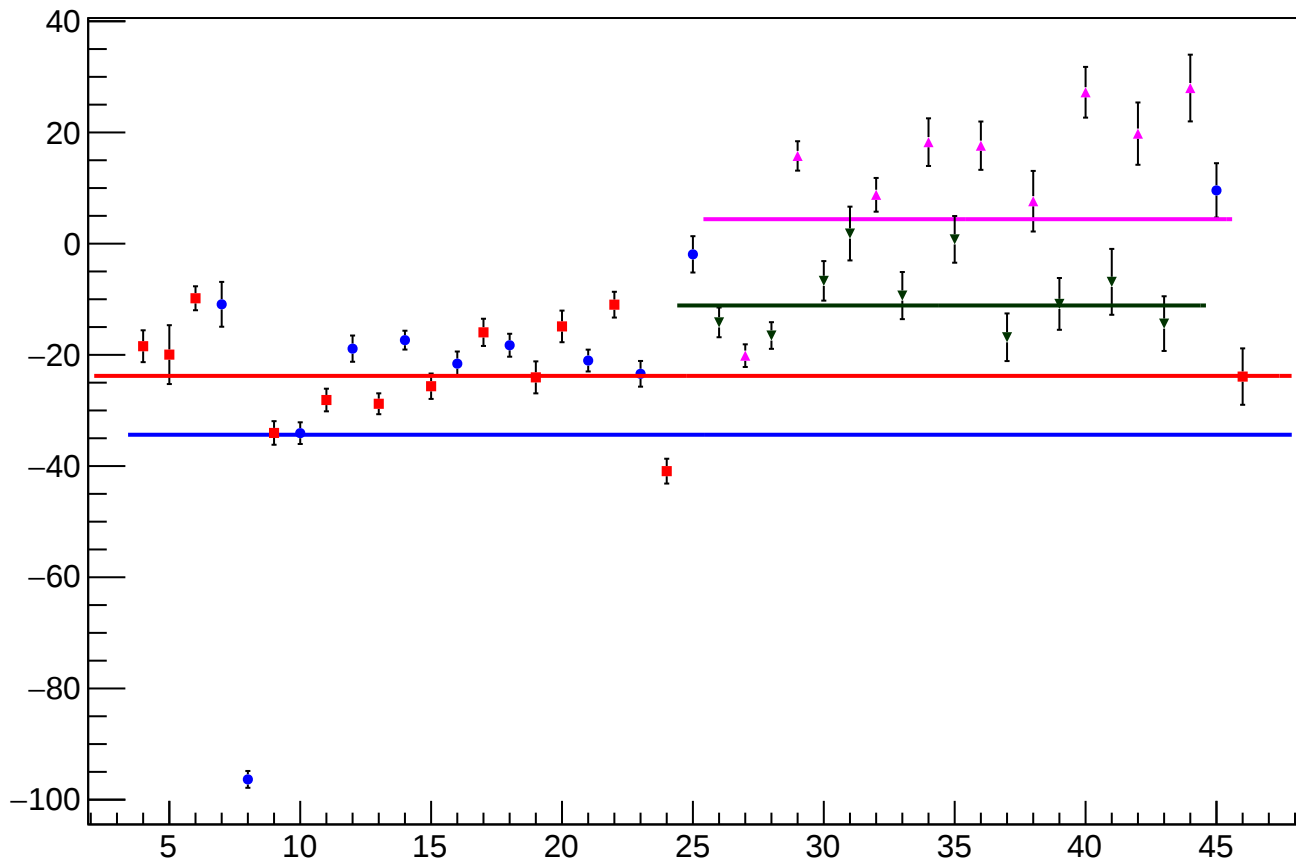
Right Out: 7159.242+/-1.933 χ^2/NDF : 129737.7/12

Left In: 8511.059+/-2.590 χ^2/NDF : 489873.9/8

7522.649+/-1.531 χ^2/NDF : 768674.1/20

7642.901+/-1.549 χ^2/NDF : 794612.9/21

diff_bpm0l04Y_mean vs slug



Right In: -34.367+/-0.657 χ^2/NDF : 2199.3/10

Left Out: -11.117+/-1.180 χ^2/NDF : 26.0/9

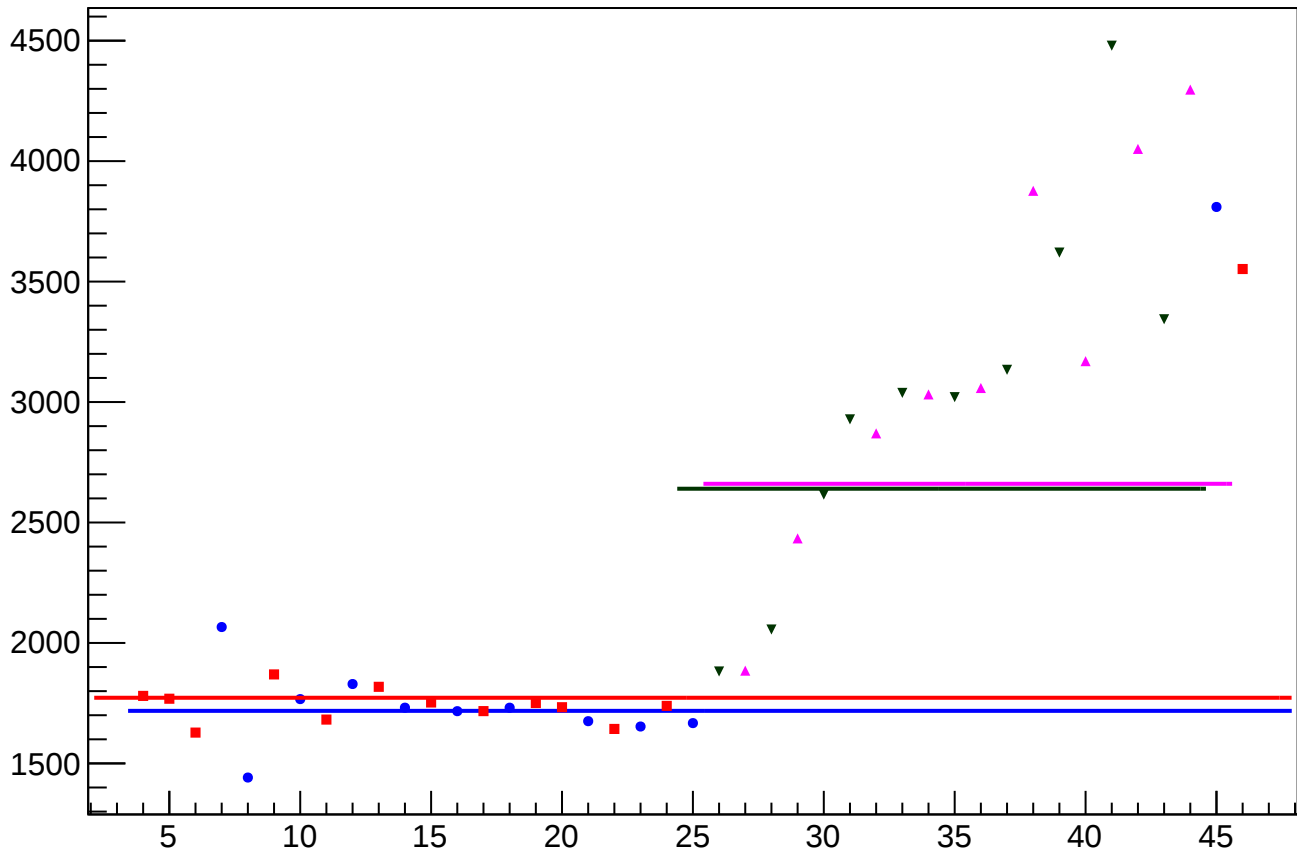
Right Out: -23.781+/-0.682 χ^2/NDF : 191.1/12

Left In: 4.400+/-1.161 χ^2/NDF : 233.8/8

-28.864+/-0.574 χ^2/NDF : 2521.6/20

-16.552+/-0.588 χ^2/NDF : 862.6/21

diff_bpm0l04Y_rms vs slug



Right In: 1718.150+/-0.465 χ^2/NDF : 456078.0/10

Left Out: 2640.174+/-0.834 χ^2/NDF : 669513.9/9

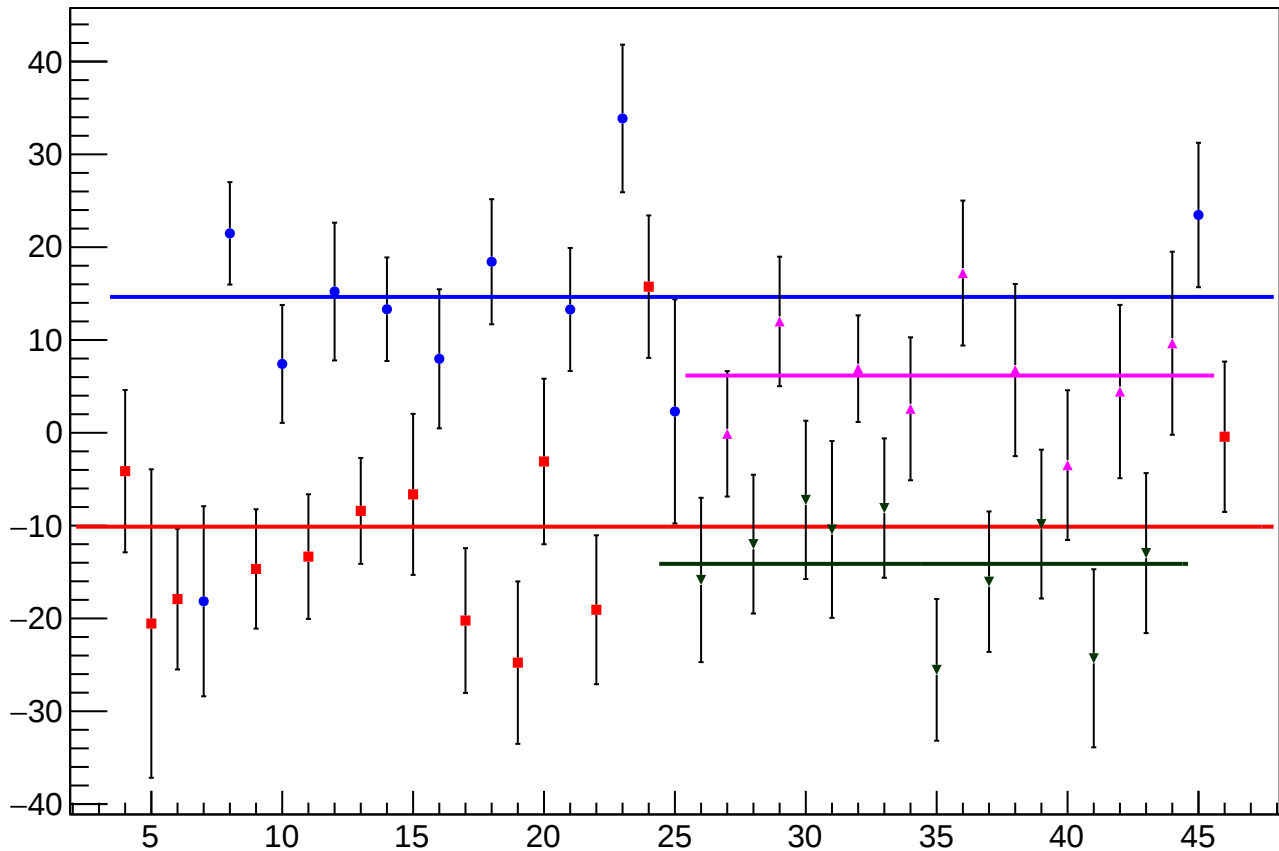
Right Out: 1772.518+/-0.482 χ^2/NDF : 272829.5/12

Left In: 2660.633+/-0.821 χ^2/NDF : 742100.2/8

1936.412+/-0.406 χ^2/NDF : 2057767.4/20

2000.342+/-0.416 χ^2/NDF : 1884435.2/21

diff_bpm0l05X_mean vs slug



Right In: 14.641 ± 2.136 $\chi^2/\text{NDF}: 22.5/10$

Left Out: -14.120 ± 2.602 $\chi^2/\text{NDF}: 5.3/9$

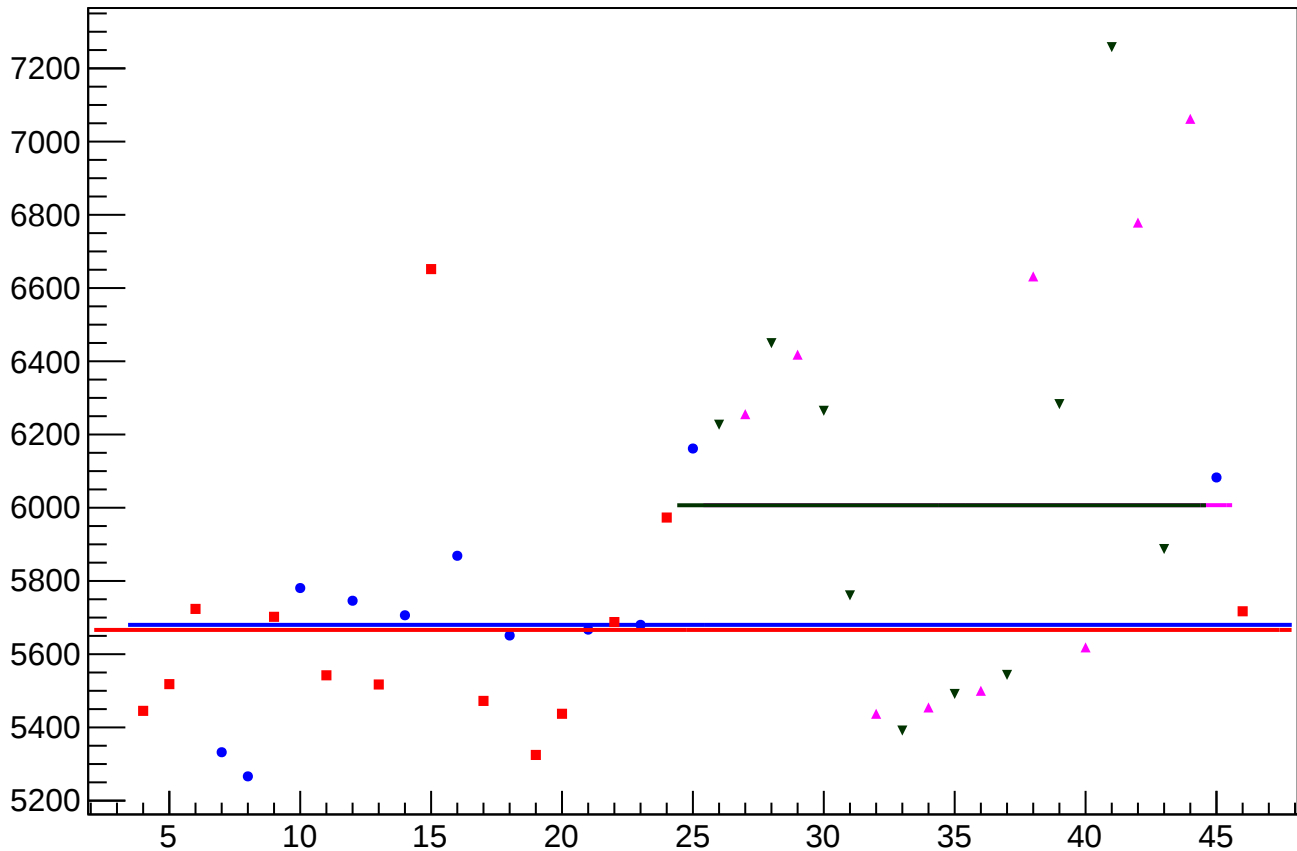
Right Out: -10.115 ± 2.160 $\chi^2/\text{NDF}: 22.0/12$

Left In: 6.168 ± 2.542 $\chi^2/\text{NDF}: 5.4/8$

3.063 ± 1.651 $\chi^2/\text{NDF}: 100.8/20$

-3.287 ± 1.646 $\chi^2/\text{NDF}: 51.2/21$

diff_bpm0l05X_rms vs slug



Right In: 5680.115+/-1.510 χ^2/NDF : 24105.1/10

Left Out: 6006.744+/-1.840 χ^2/NDF : 78250.5/9

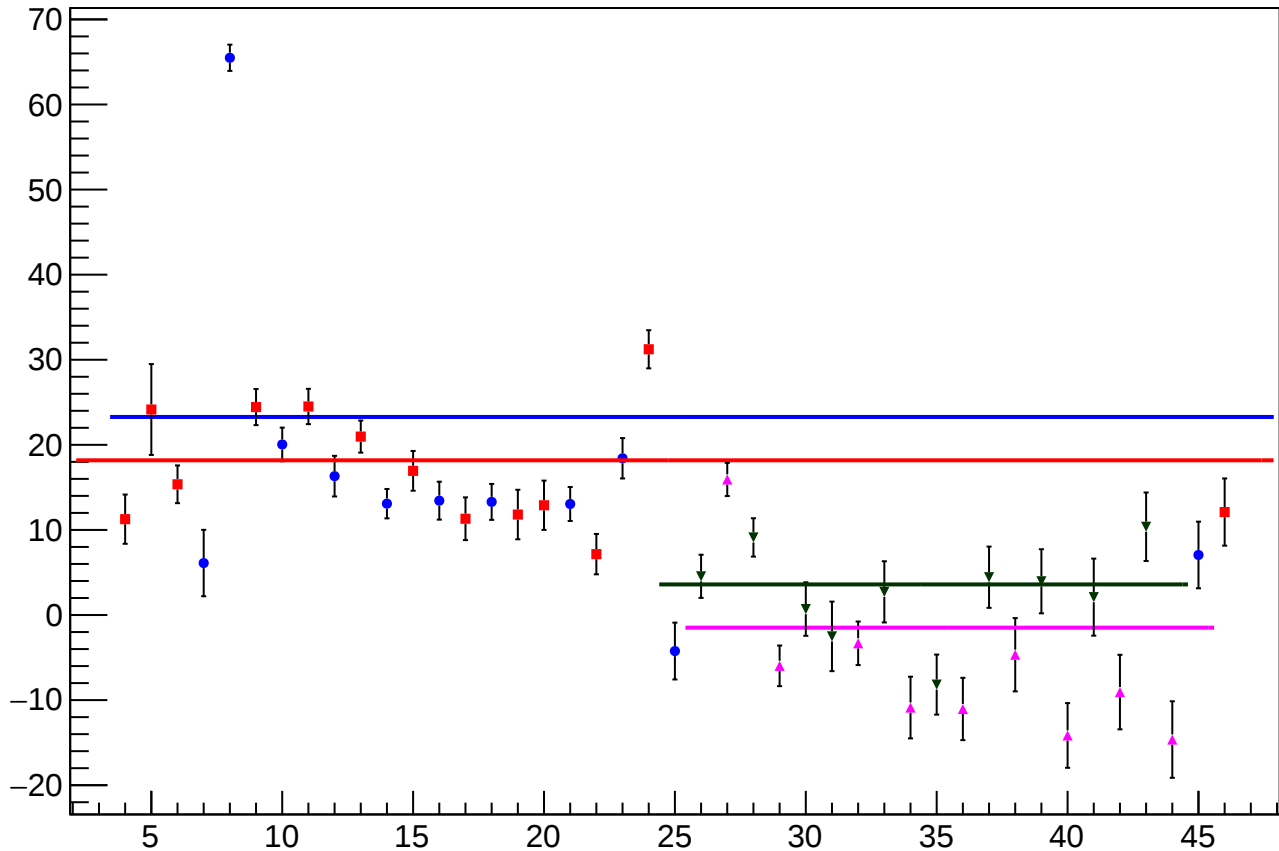
Right Out: 5666.283+/-1.528 χ^2/NDF : 38362.2/12

Left In: 6007.013+/-1.798 χ^2/NDF : 98309.1/8

5811.604+/-1.167 χ^2/NDF : 121183.0/20

5809.156+/-1.164 χ^2/NDF : 157535.2/21

diff_bpm0l05Y_mean vs slug



Right In: 23.278 $\pm$ 0.665 χ^2 /NDF: 972.4/10

Left Out: 3.596 $\pm$ 1.037 χ^2 /NDF: 23.4/9

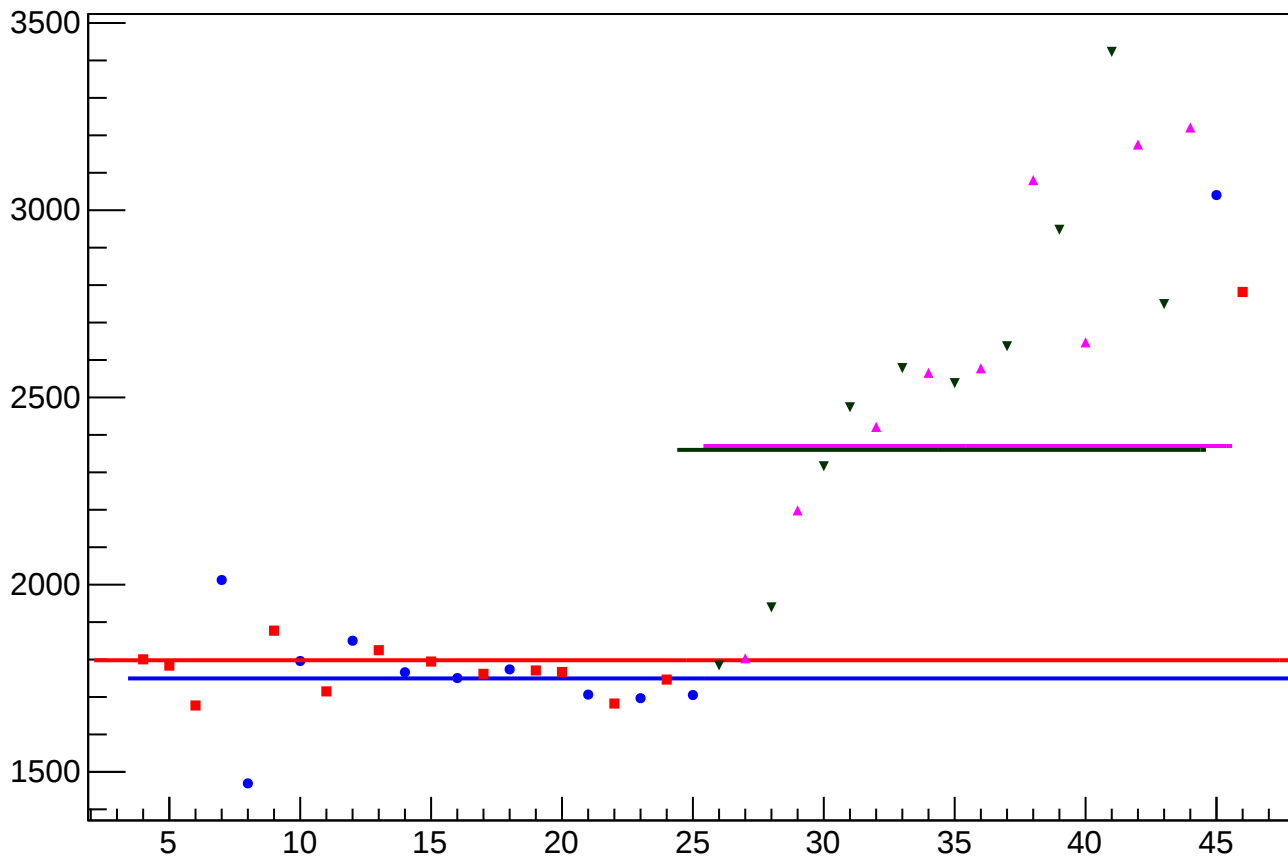
Right Out: 18.182 $\pm$ 0.688 χ^2 /NDF: 102.5/12

Left In: -1.484 $\pm$ 1.017 χ^2 /NDF: 120.7/8

17.546 $\pm$ 0.560 χ^2 /NDF: 1251.0/20

12.007 $\pm$ 0.570 χ^2 /NDF: 479.7/21

diff_bpm0l05Y_rms vs slug



Right In: 1749.606 $\pm$ 0.470 χ^2 /NDF: 299953.7/10

Left Out: 2359.972 $\pm$ 0.733 χ^2 /NDF: 376681.6/9

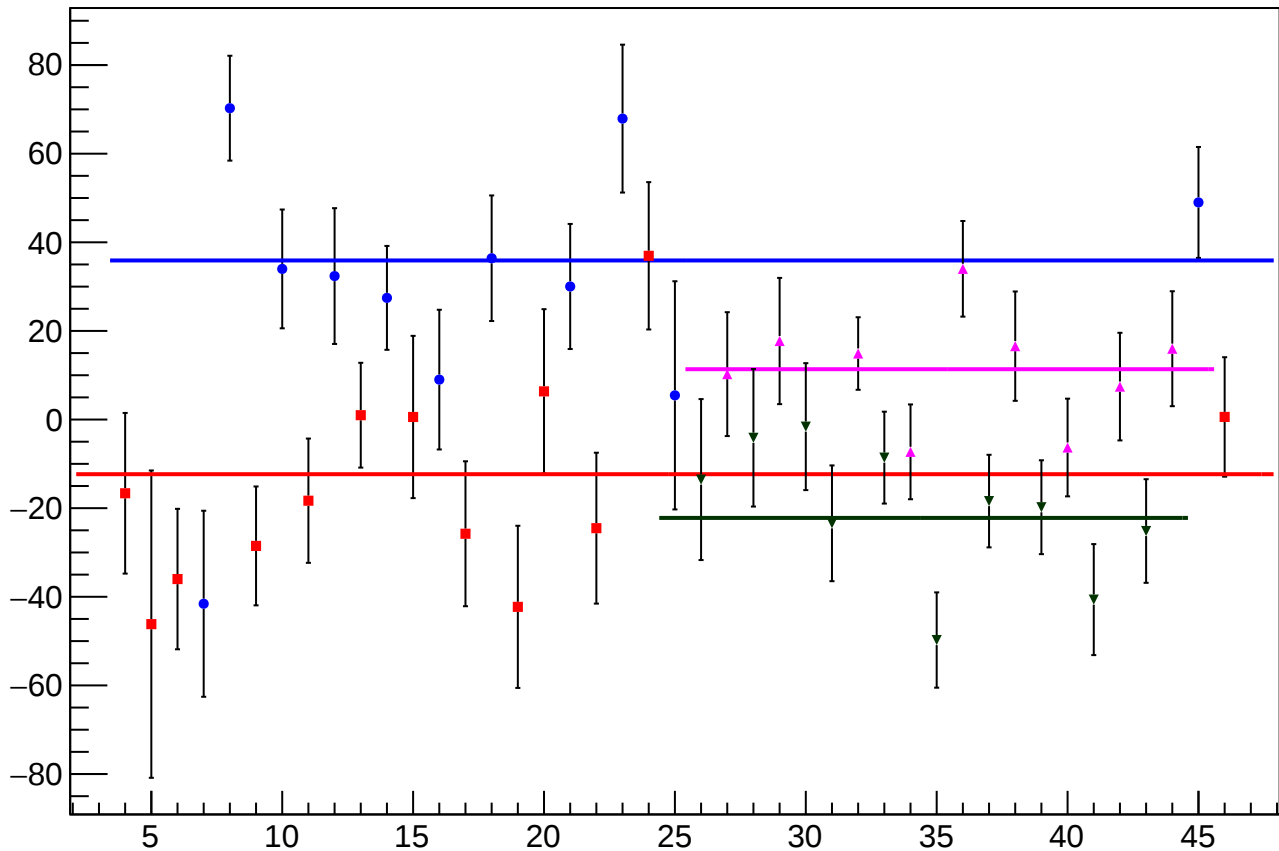
Right Out: 1798.137 $\pm$ 0.486 χ^2 /NDF: 143098.1/12

Left In: 2370.321 $\pm$ 0.719 χ^2 /NDF: 396932.3/8

1927.358 $\pm$ 0.396 χ^2 /NDF: 1167463.0/20

1977.799 $\pm$ 0.403 χ^2 /NDF: 974448.3/21

diff_bpm0l06X_mean vs slug



Right In: 35.903+/-4.385 χ^2/NDF : 31.9/10

Left Out: -22.199+/-3.845 χ^2/NDF : 14.4/9

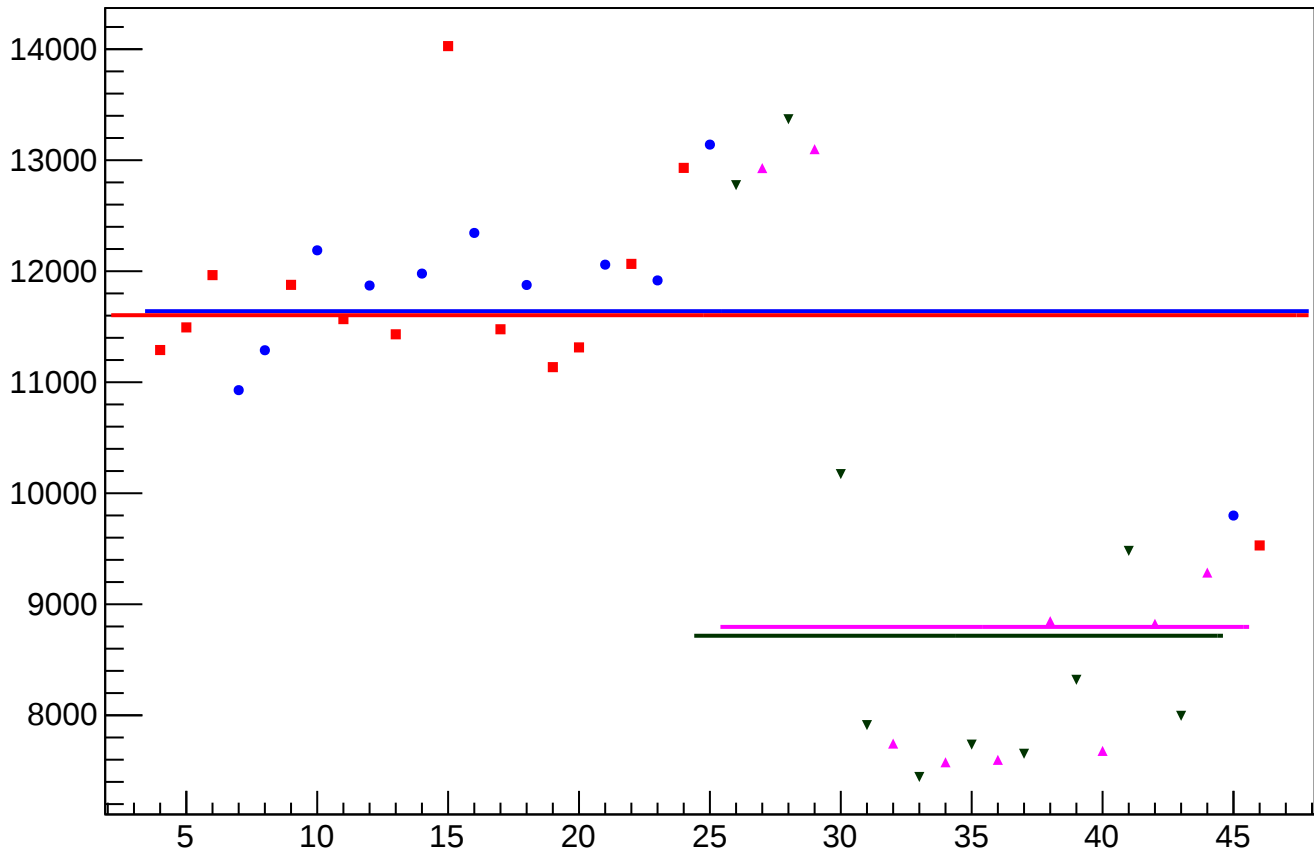
Right Out: -12.334+/-4.436 χ^2/NDF : 21.2/12

Left In: 11.359+/-3.785 χ^2/NDF : 10.8/8

3.062+/-2.891 χ^2/NDF : 145.5/20

1.377+/-2.879 χ^2/NDF : 48.6/21

diff_bpm0l06X_rms vs slug



Right In: 11640.016+/-3.100 χ^2/NDF : 66441.4/10

Left Out: 8716.427+/-2.719 χ^2/NDF : 393127.4/9

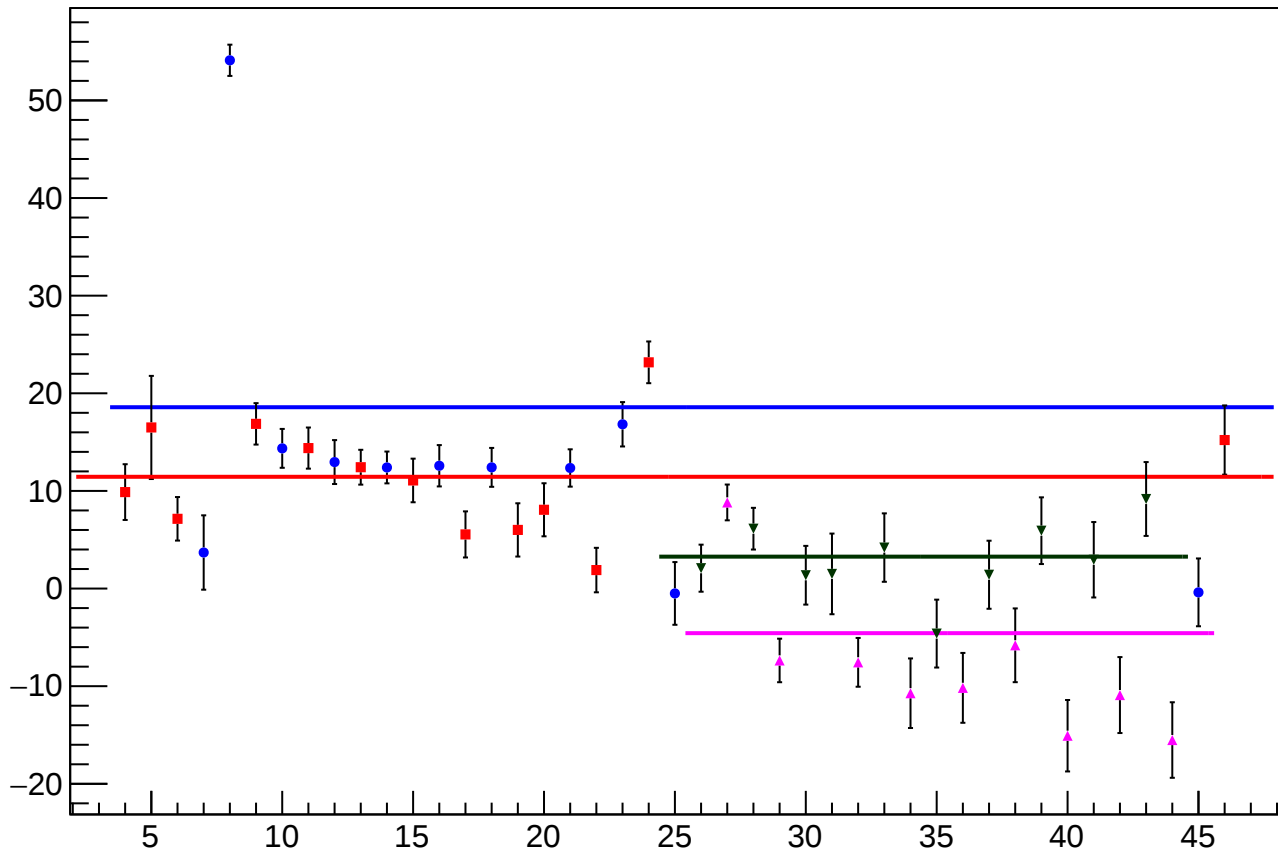
Right Out: 11603.758+/-3.136 χ^2/NDF : 101454.6/12

Left In: 8796.116+/-2.676 χ^2/NDF : 464333.7/8

9987.538+/-2.044 χ^2/NDF : 962170.7/20

9979.039+/-2.036 χ^2/NDF : 1029482.4/21

diff_bpm0l06Y_mean vs slug



Right In: 18.573 ± 0.644 χ^2/NDF : 627.2/10

Left Out: 3.269 ± 0.986 χ^2/NDF : 11.2/9

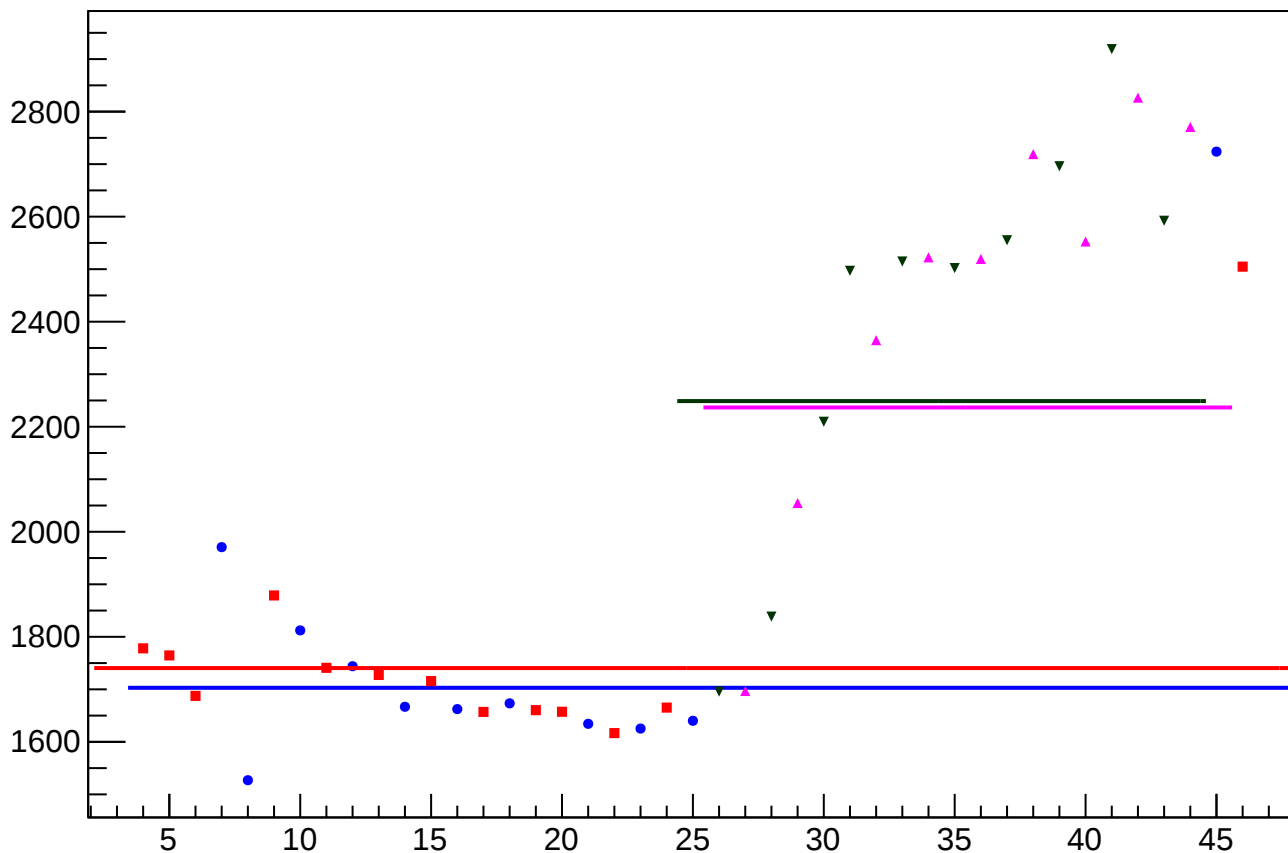
Right Out: 11.448 ± 0.665 χ^2/NDF : 74.3/12

Left In: -4.569 ± 0.956 χ^2/NDF : 80.8/8

13.989 ± 0.539 χ^2/NDF : 807.3/20

6.229 ± 0.546 χ^2/NDF : 344.2/21

diff_bpm0l06Y_rms vs slug



Right In: 1702.973+/-0.456 χ^2/NDF : 221386.9/10

Left Out: 2248.854+/-0.697 χ^2/NDF : 335259.7/9

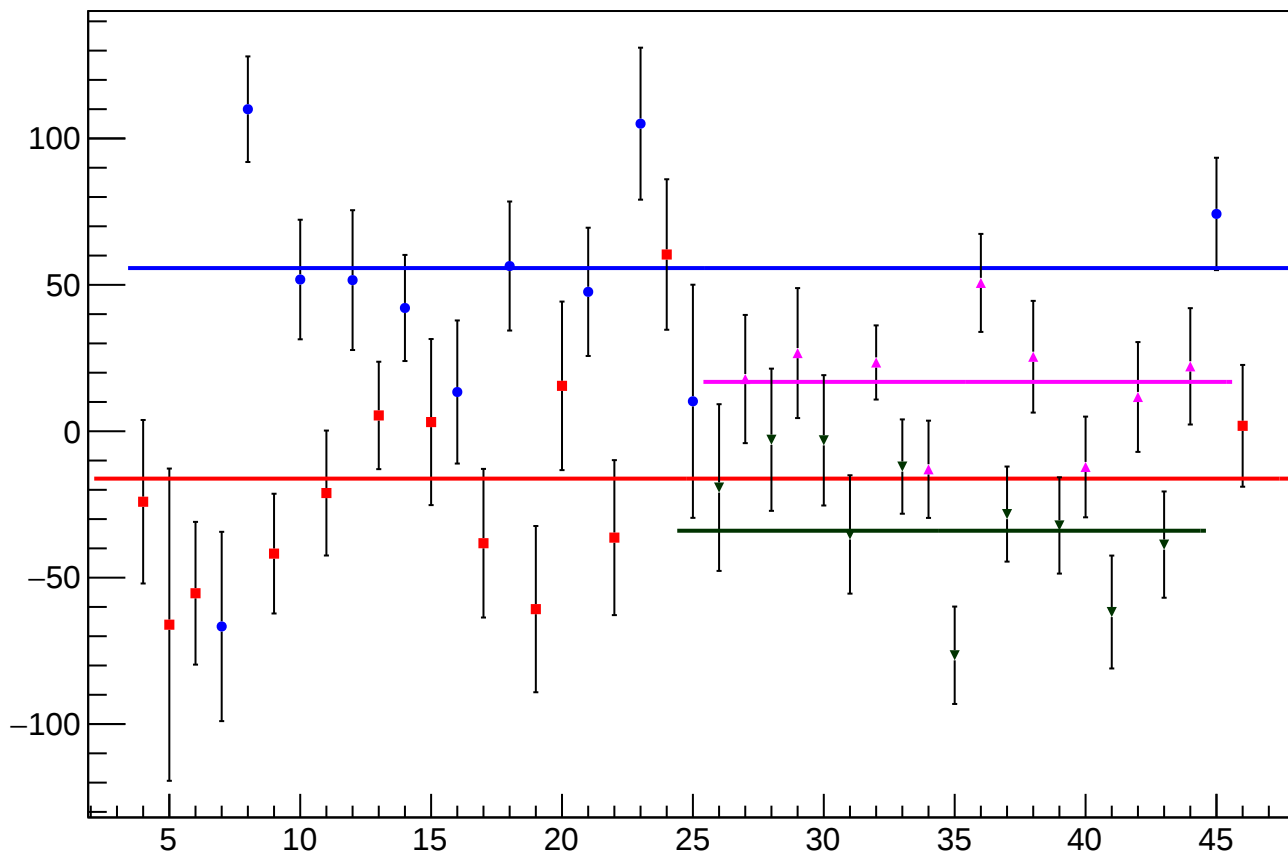
Right Out: 1740.511+/-0.470 χ^2/NDF : 117814.3/12

Left In: 2236.692+/-0.676 χ^2/NDF : 349030.8/8

1866.467+/-0.381 χ^2/NDF : 986480.6/20

1902.192+/-0.386 χ^2/NDF : 829779.5/21

diff_bpm0l07X_mean vs slug



Right In: 55.731 ± 6.760 χ^2/NDF : 33.0/10

Left Out: -33.973 ± 5.967 χ^2/NDF : 14.5/9

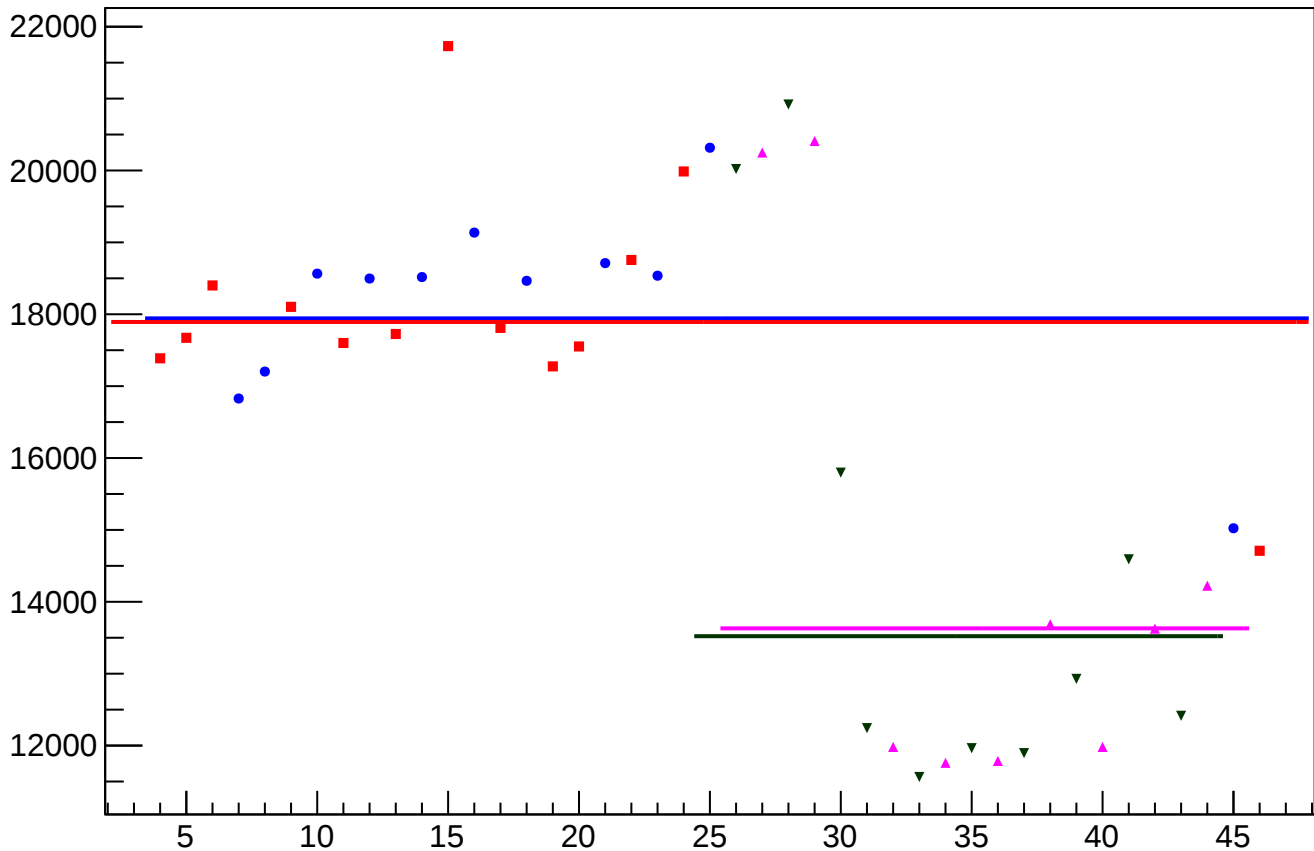
Right Out: -16.174 ± 6.840 χ^2/NDF : 21.6/12

Left In: 16.860 ± 5.867 χ^2/NDF : 11.0/8

5.314 ± 4.474 χ^2/NDF : 146.5/20

2.857 ± 4.453 χ^2/NDF : 46.1/21

diff_bpm0l07X_rms vs slug



Right In: 17942.657+/-4.780 χ^2/NDF : 73524.8/10

Left Out: 13521.564+/-4.220 χ^2/NDF : 402050.4/9

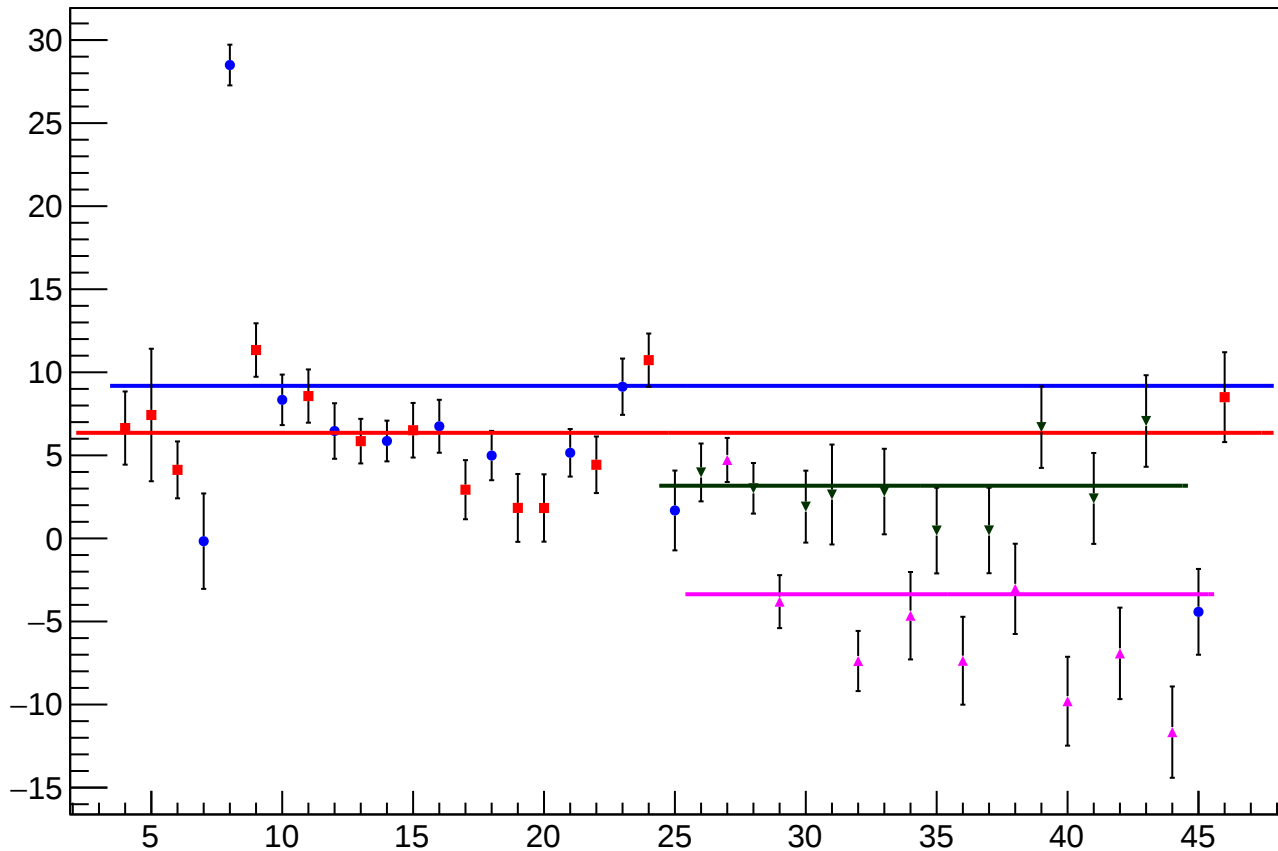
15457.808+/-3.163 χ^2/NDF : 956355.2/20

Right Out: 17892.785+/-4.836 χ^2/NDF : 102423.9/12

15437.137+/-3.149 χ^2/NDF : 1023128.2/21

Left In: 13630.347+/-4.149 χ^2/NDF : 473215.4/8

diff_bpm0l07Y_mean vs slug



Right In: 9.184 ± 0.485 χ^2/NDF : 325.0/10

Left Out: 3.172 ± 0.713 χ^2/NDF : 6.9/9

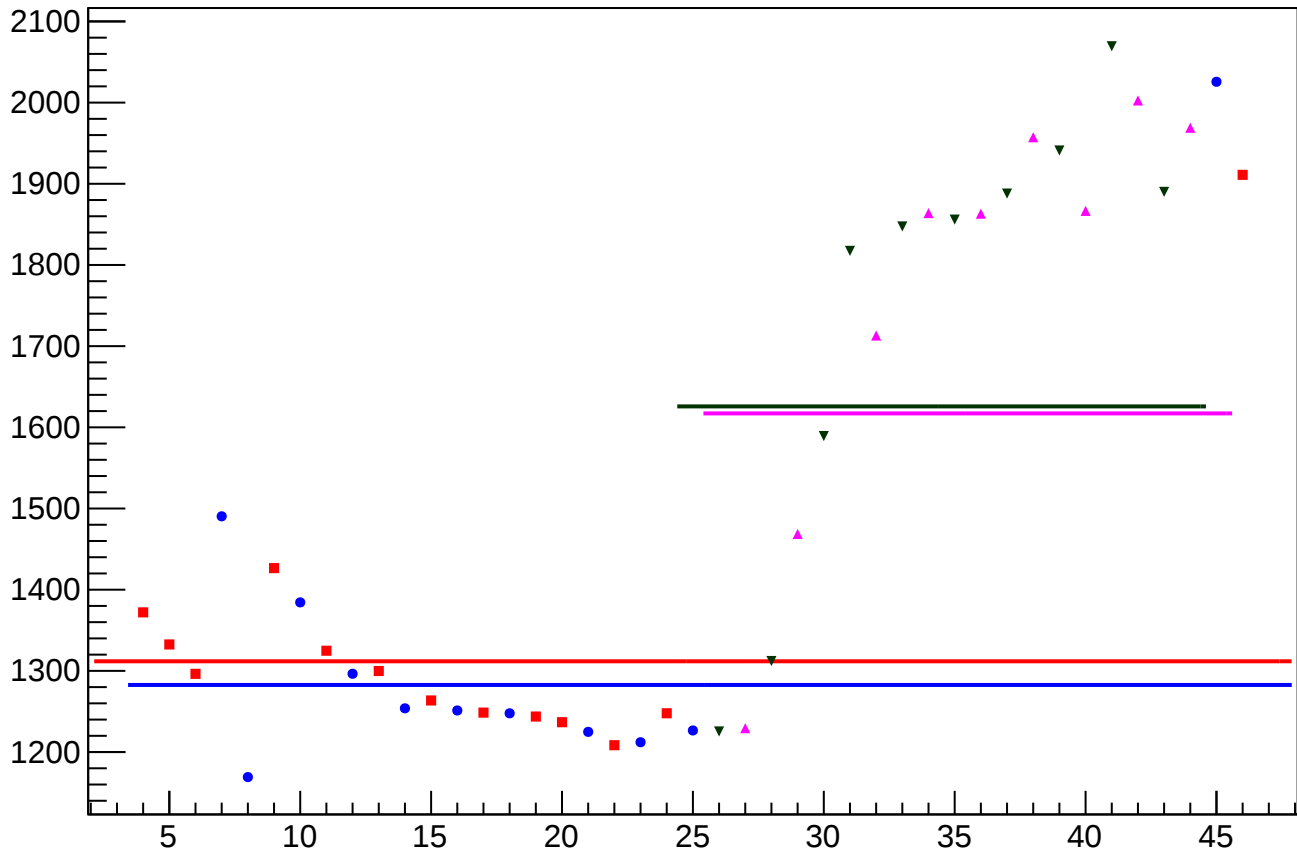
Right Out: 6.357 ± 0.501 χ^2/NDF : 36.4/12

Left In: -3.360 ± 0.691 χ^2/NDF : 61.2/8

7.281 ± 0.401 χ^2/NDF : 380.6/20

3.008 ± 0.406 χ^2/NDF : 227.0/21

diff_bpm0l07Y_rms vs slug



Right In: 1282.665+/-0.343 χ^2/NDF : 212991.7/10

Left Out: 1625.778+/-0.504 χ^2/NDF : 354649.3/9

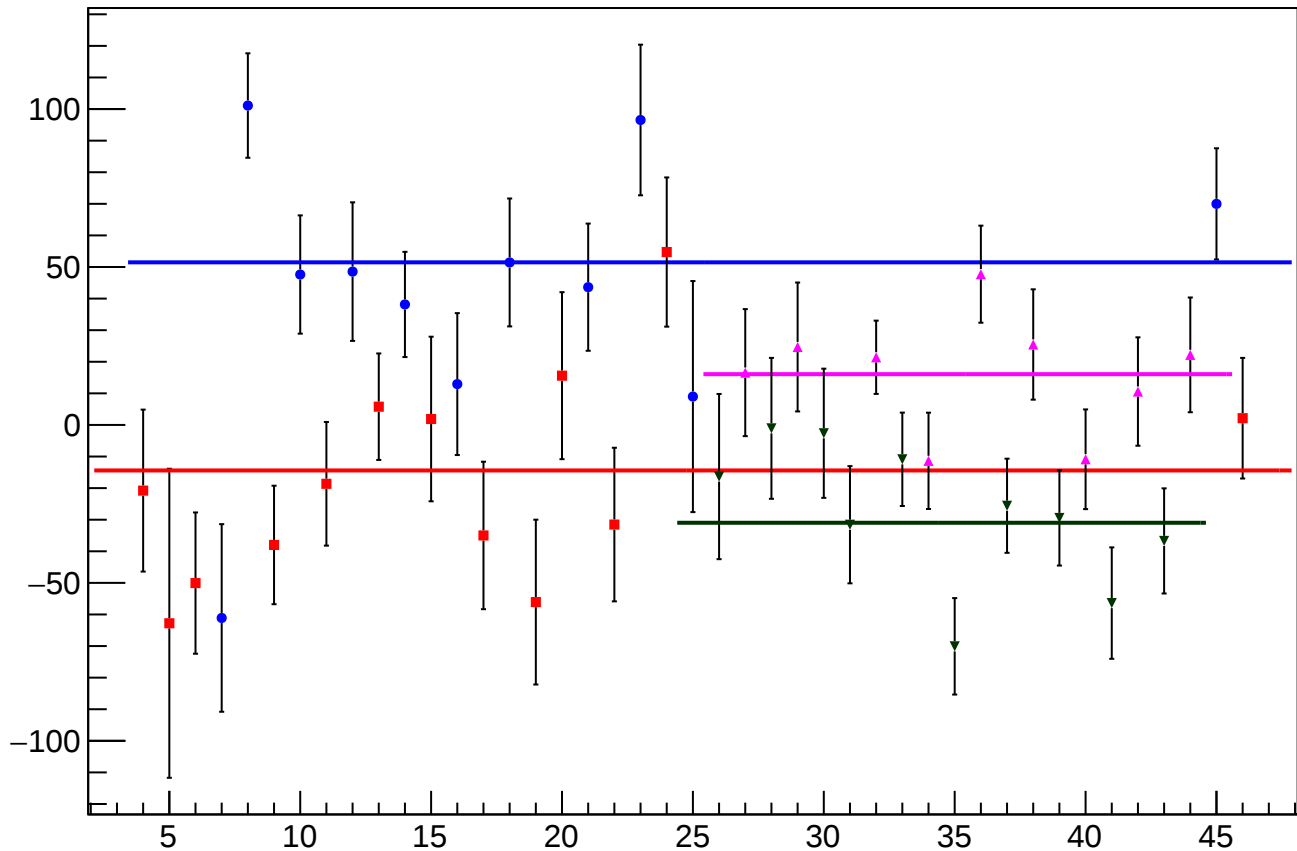
Right Out: 1311.808+/-0.354 χ^2/NDF : 130068.2/12

Left In: 1617.160+/-0.489 χ^2/NDF : 349190.4/8

1391.258+/-0.284 χ^2/NDF : 884333.9/20

1417.036+/-0.287 χ^2/NDF : 735026.2/21

diff_bpm0l08X_mean vs slug



Right In: 51.479 ± 6.208 χ^2/NDF : 33.2/10

Left Out: -30.968 ± 5.475 χ^2/NDF : 14.8/9

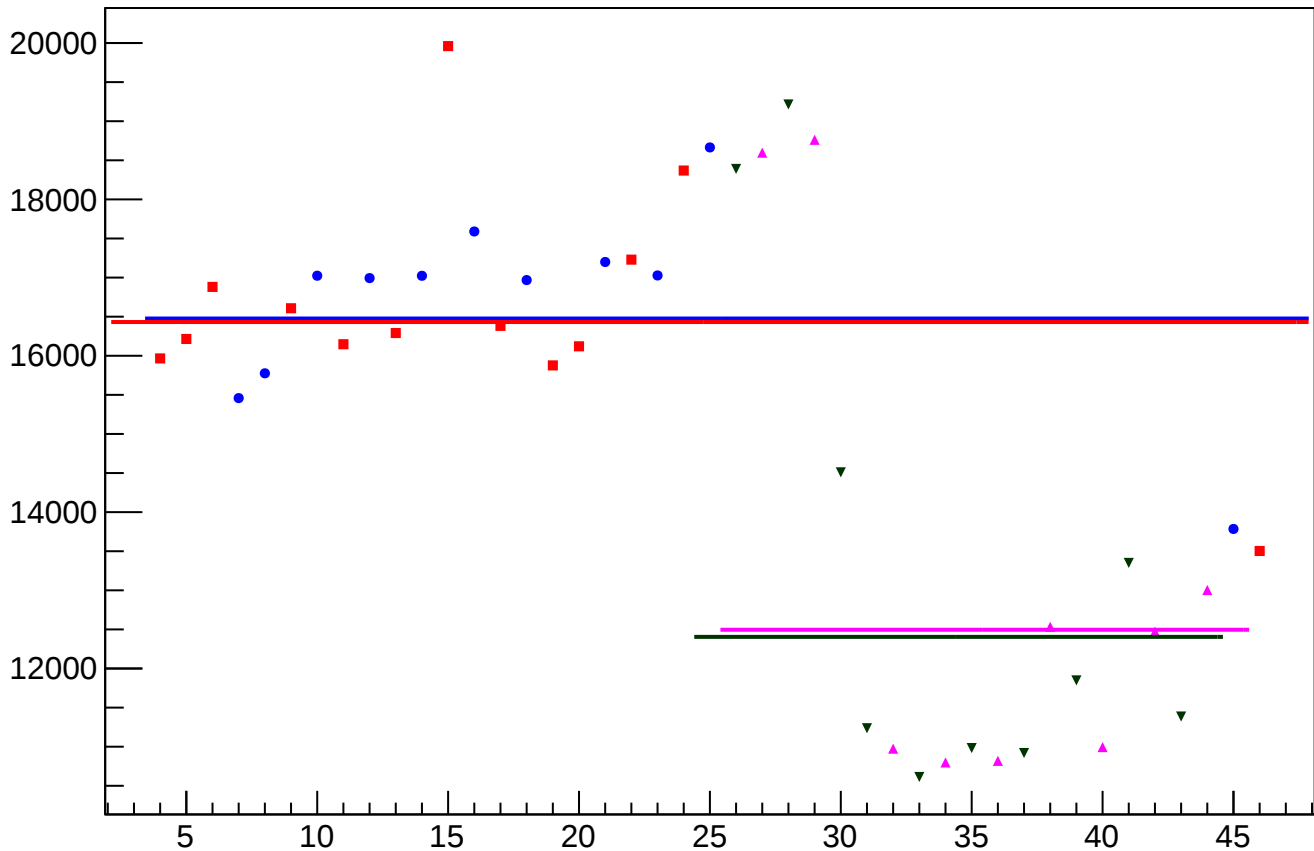
Right Out: -14.405 ± 6.281 χ^2/NDF : 21.5/12

Left In: 16.079 ± 5.379 χ^2/NDF : 11.3/8

5.101 ± 4.106 χ^2/NDF : 147.2/20

3.182 ± 4.086 χ^2/NDF : 46.4/21

diff_bpm0l08X_rms vs slug



Right In: 16476.361+/-4.390 χ^2/NDF : 74567.2/10

Left Out: 12404.651+/-3.871 χ^2/NDF : 402870.2/9

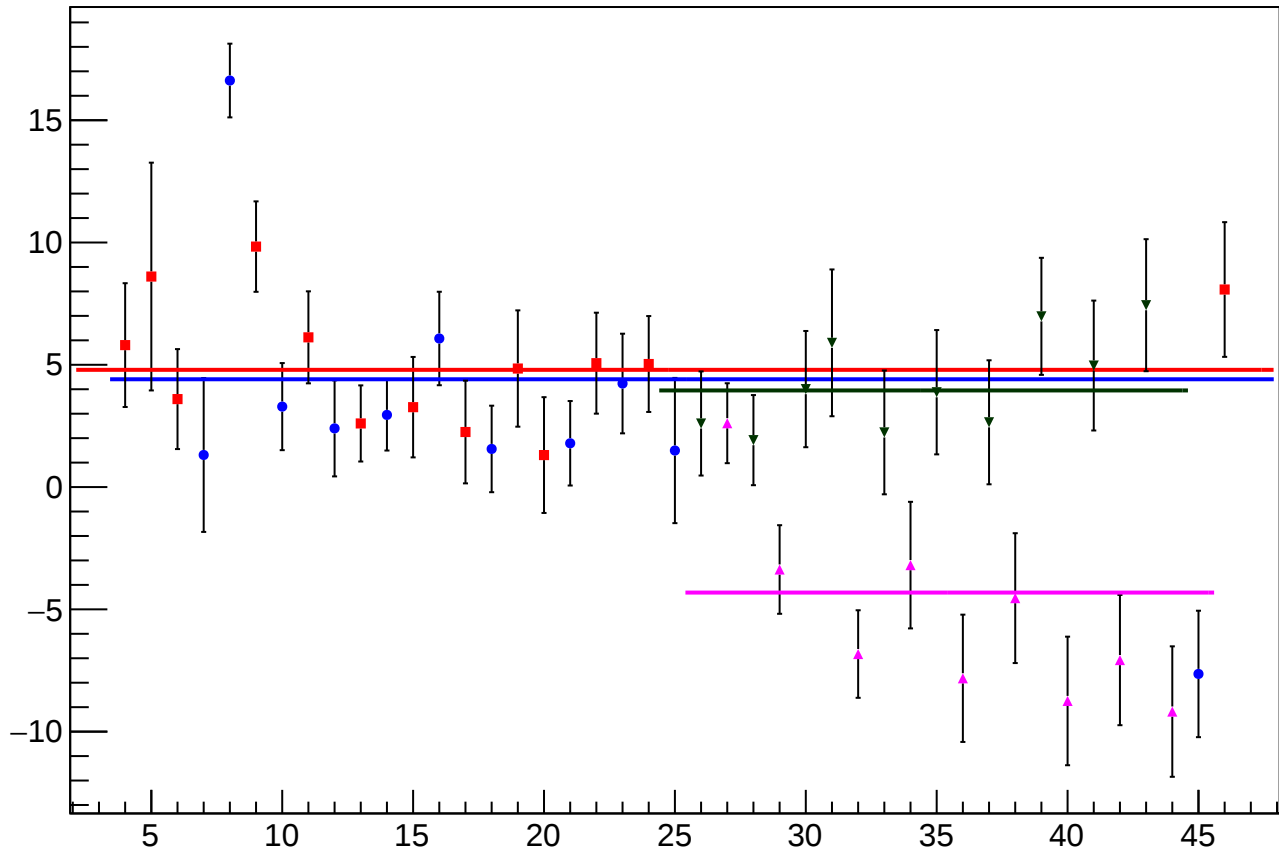
14185.959+/-2.903 χ^2/NDF : 961431.2/20

Right Out: 16431.679+/-4.441 χ^2/NDF : 102801.9/12

14160.961+/-2.889 χ^2/NDF : 1031381.9/21

Left In: 12495.729+/-3.803 χ^2/NDF : 475508.8/8

diff_bpm0l08Y_mean vs slug



Right In: 4.408 ± 0.575 χ^2/NDF : 97.5/10

Left Out: 3.951 ± 0.762 χ^2/NDF : 6.2/9

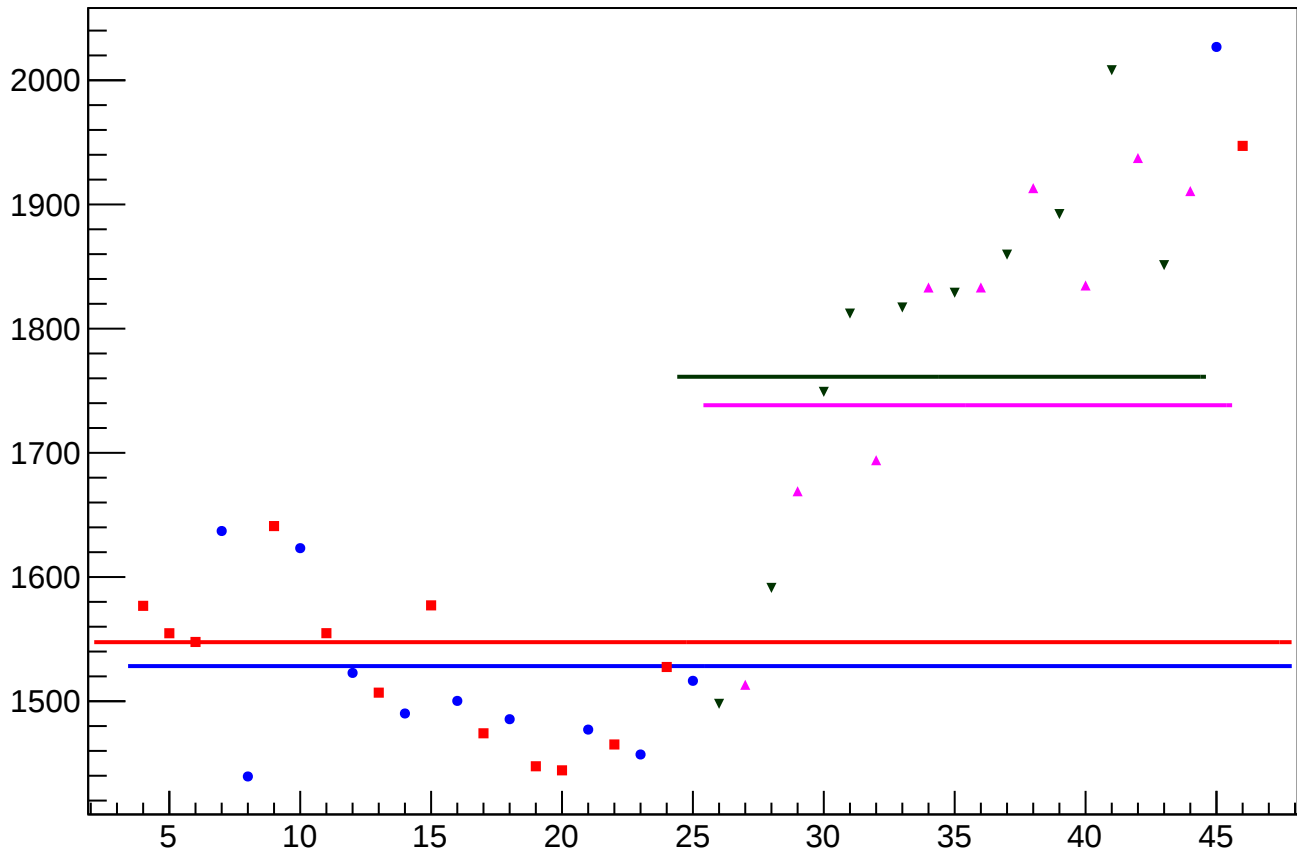
Right Out: 4.794 ± 0.590 χ^2/NDF : 16.7/12

Left In: -4.314 ± 0.734 χ^2/NDF : 29.5/8

4.242 ± 0.459 χ^2/NDF : 103.9/20

1.220 ± 0.460 χ^2/NDF : 139.8/21

diff_bpm0l08Y_rms vs slug



Right In: 1528.288 ± 0.407 χ^2/NDF : 96614.9/10

Left Out: 1761.262 ± 0.539 χ^2/NDF : 79141.5/9

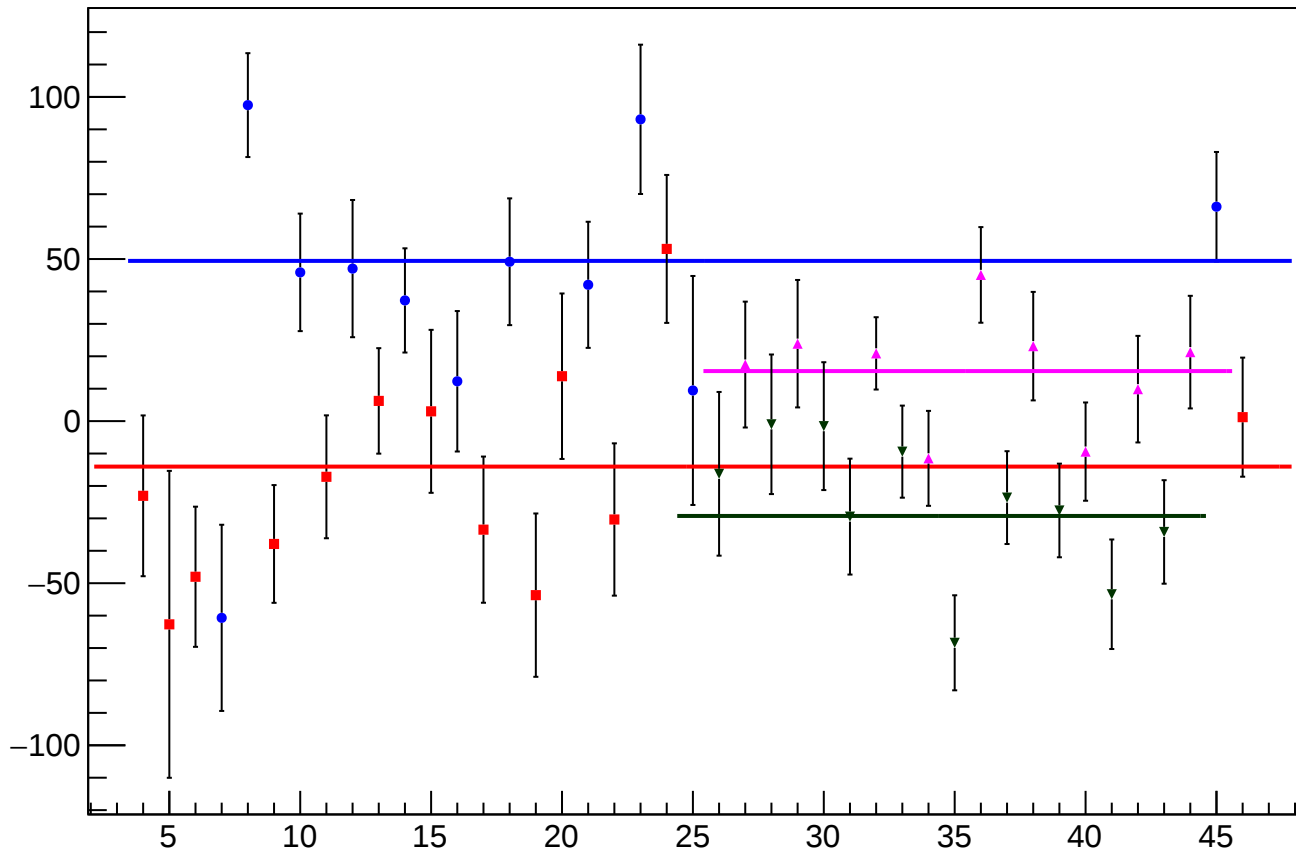
Right Out: 1547.553 ± 0.417 χ^2/NDF : 62466.4/12

Left In: 1738.335 ± 0.519 χ^2/NDF : 78331.9/8

1612.930 ± 0.325 χ^2/NDF : 294860.9/20

1622.409 ± 0.325 χ^2/NDF : 222913.2/21

diff_bpm0l09X_mean vs slug



Right In: 49.425 ± 5.993 χ^2/NDF : 33.3/10

Left Out: -29.254 ± 5.260 χ^2/NDF : 15.3/9

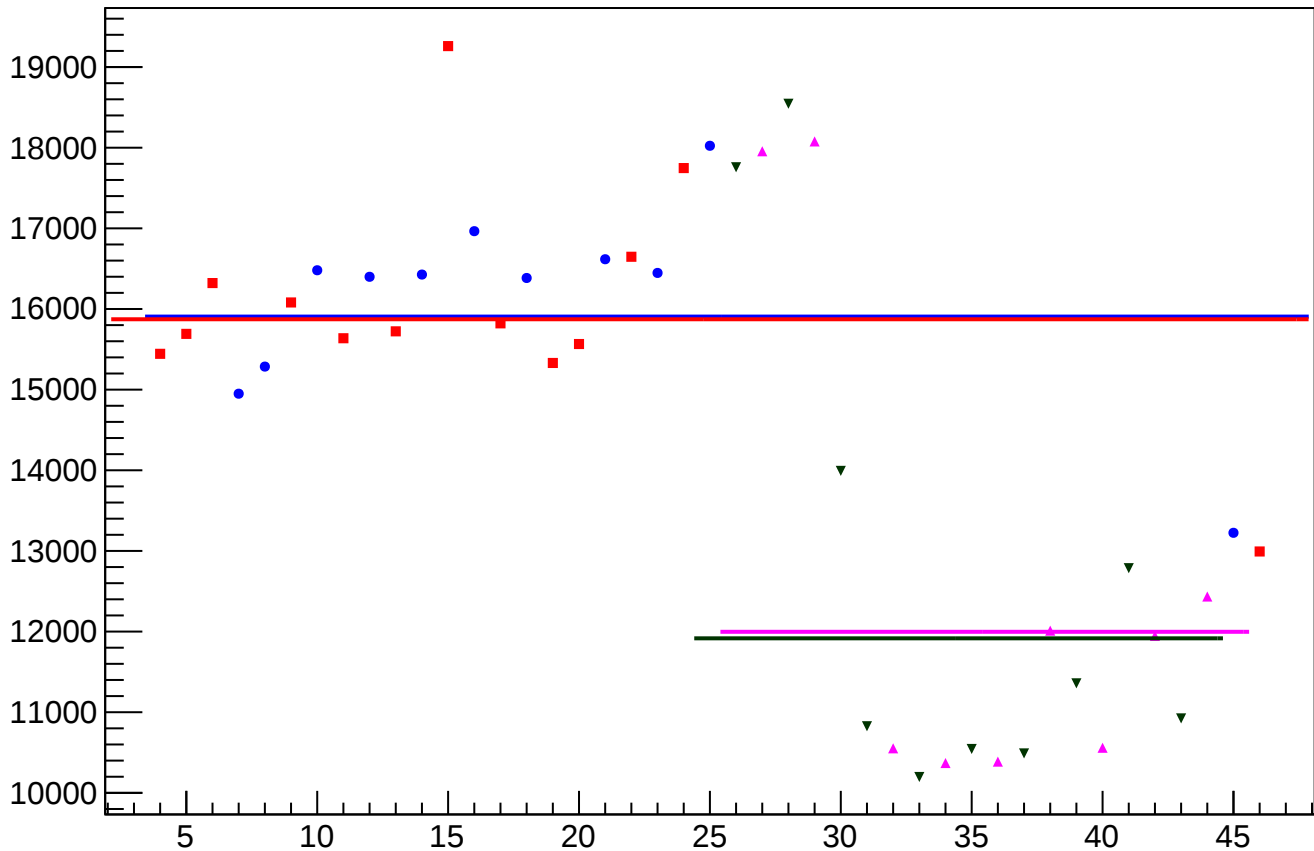
Right Out: -14.029 ± 6.068 χ^2/NDF : 21.7/12

Left In: 15.435 ± 5.166 χ^2/NDF : 11.0/8

4.982 ± 3.954 χ^2/NDF : 146.0/20

3.054 ± 3.933 χ^2/NDF : 46.3/21

diff_bpm0l09X_rms vs slug



Right In: 15905.795 $\pm$ 4.238 χ^2 /NDF: 77777.1/10

Left Out: 11916.247 $\pm$ 3.720 χ^2 /NDF:408966.2/9

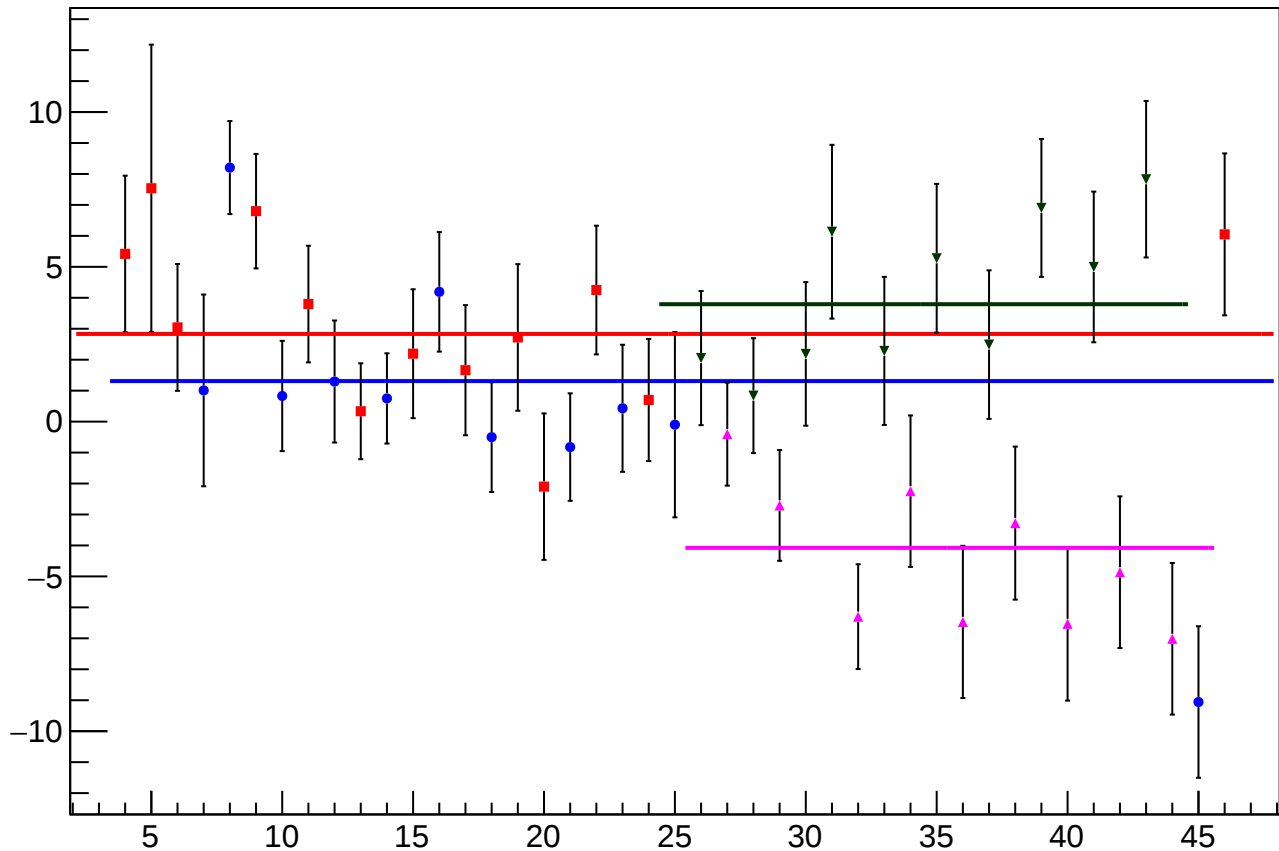
Right Out: 15872.653 $\pm$ 4.291 χ^2 /NDF: 104594.7/12

Left In: 11997.213 $\pm$ 3.653 χ^2 /NDF:481131.3/8

13652.265 $\pm$ 2.796 χ^2 /NDF: 987310.3/20

13625.665 $\pm$ 2.781 χ^2 /NDF: 1058763.3/21

diff_bpm0l09Y_mean vs slug



Right In: 1.309 ± 0.575 χ^2/NDF : 44.4/10

Left Out: 3.793 ± 0.732 χ^2/NDF : 10.2/9

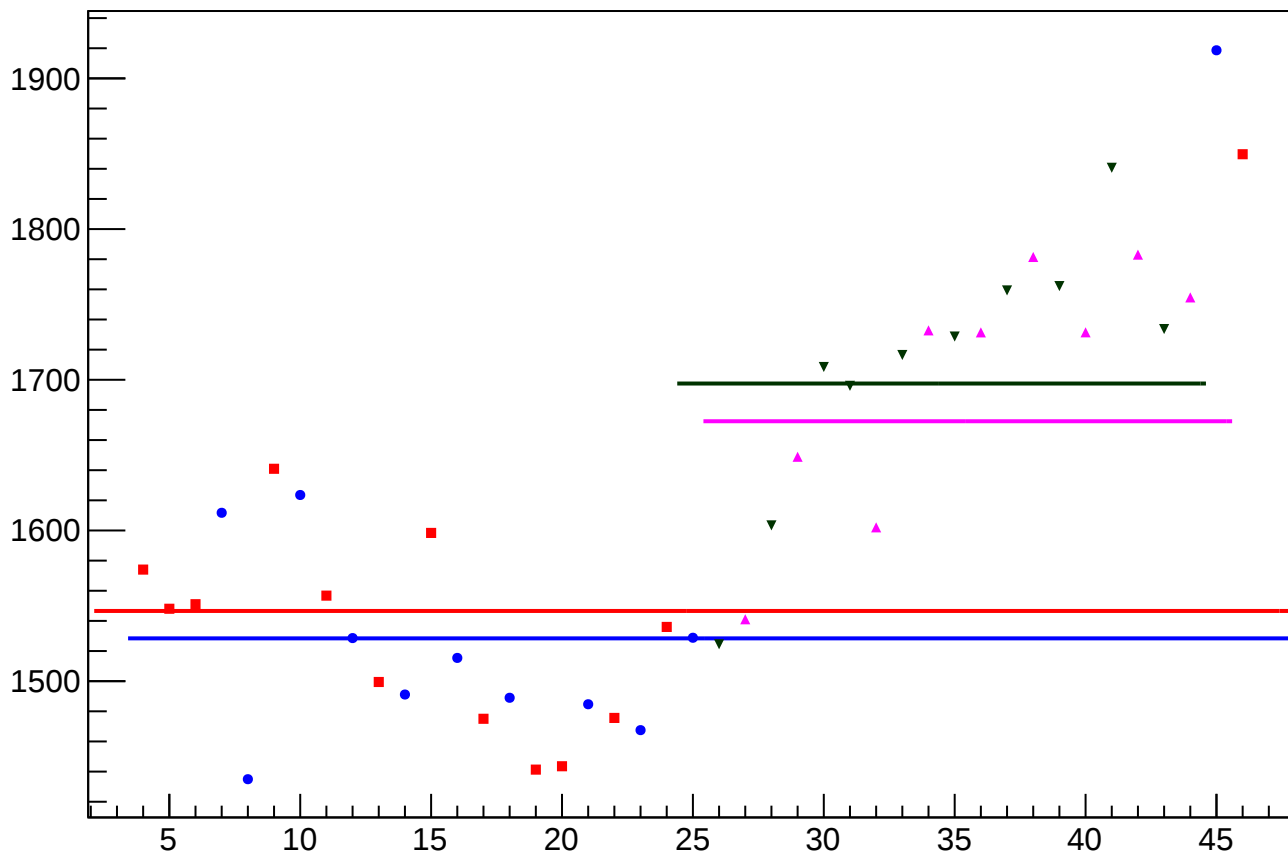
Right Out: 2.833 ± 0.589 χ^2/NDF : 17.5/12

Left In: -4.078 ± 0.705 χ^2/NDF : 11.3/8

2.256 ± 0.452 χ^2/NDF : 61.7/20

-0.010 ± 0.452 χ^2/NDF : 85.4/21

diff_bpm0l09Y_rms vs slug



Right In: 1528.407 $\pm$ 0.407 χ^2 /NDF: 71141.6/10

Left Out: 1697.515 $\pm$ 0.518 χ^2 /NDF: 28748.0/9

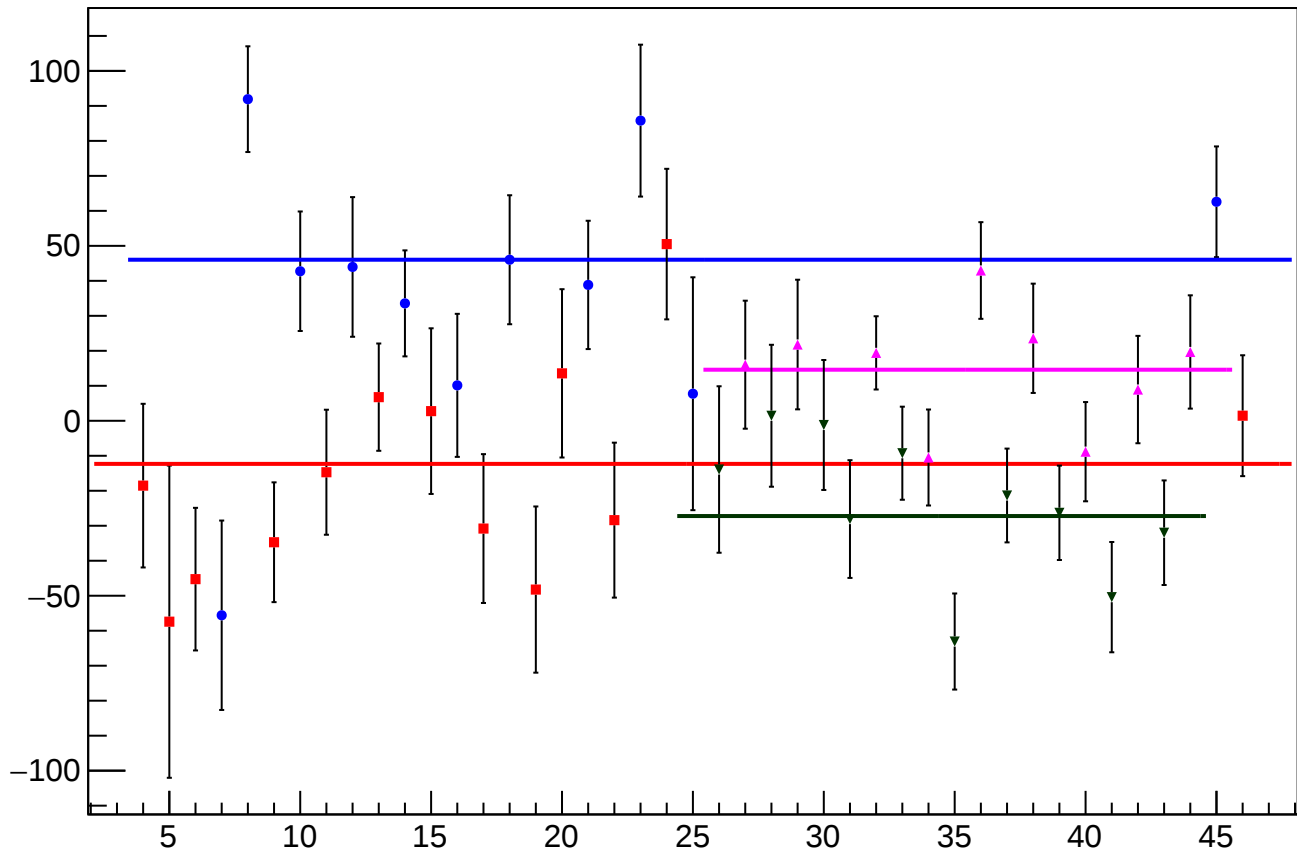
Right Out: 1546.594 $\pm$ 0.417 χ^2 /NDF: 47920.8/12

Left In: 1672.485 $\pm$ 0.498 χ^2 /NDF: 29989.7/8

1592.905 $\pm$ 0.320 χ^2 /NDF: 165869.2/20

1598.391 $\pm$ 0.320 χ^2 /NDF: 115488.0/21

diff_bpm0l10X_mean vs slug



Right In: 46.035 $\pm$ 5.646 χ^2 /NDF: 33.1/10

Left Out: -27.224 $\pm$ 4.929 χ^2 /NDF:15.4/9

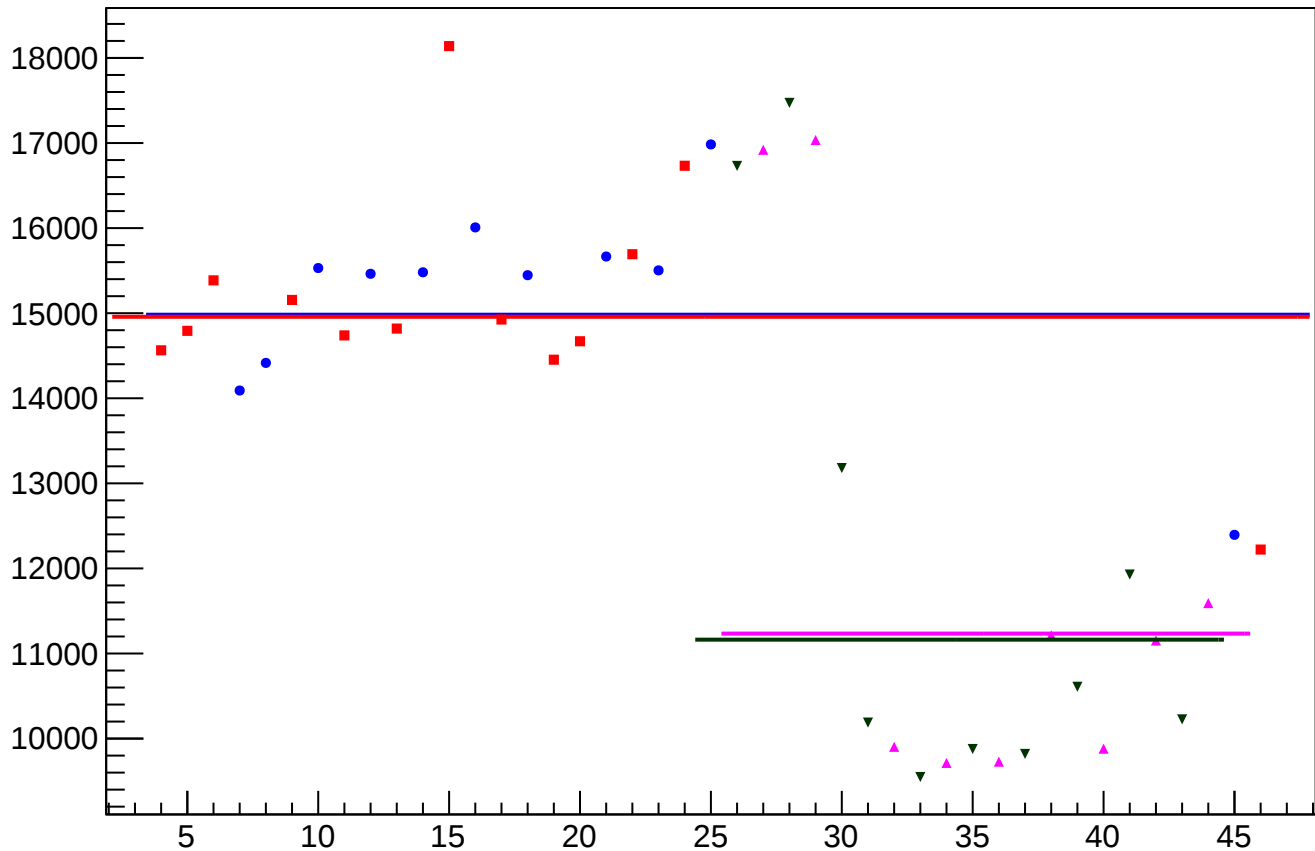
Right Out: -12.316 $\pm$ 5.718 χ^2 /NDF: 21.3/12

Left In: 14.599 $\pm$ 4.839 χ^2 /NDF:11.2/8

4.464 $\pm$ 3.713 χ^2 /NDF: 144.0/20

3.369 $\pm$ 3.694 χ^2 /NDF: 45.4/21

diff_bpm0l10X_rms vs slug



Right In: 14982.195+/-3.992 χ^2/NDF : 81305.4/10

Left Out: 11162.780+/-3.486 χ^2/NDF : 416378.4/9

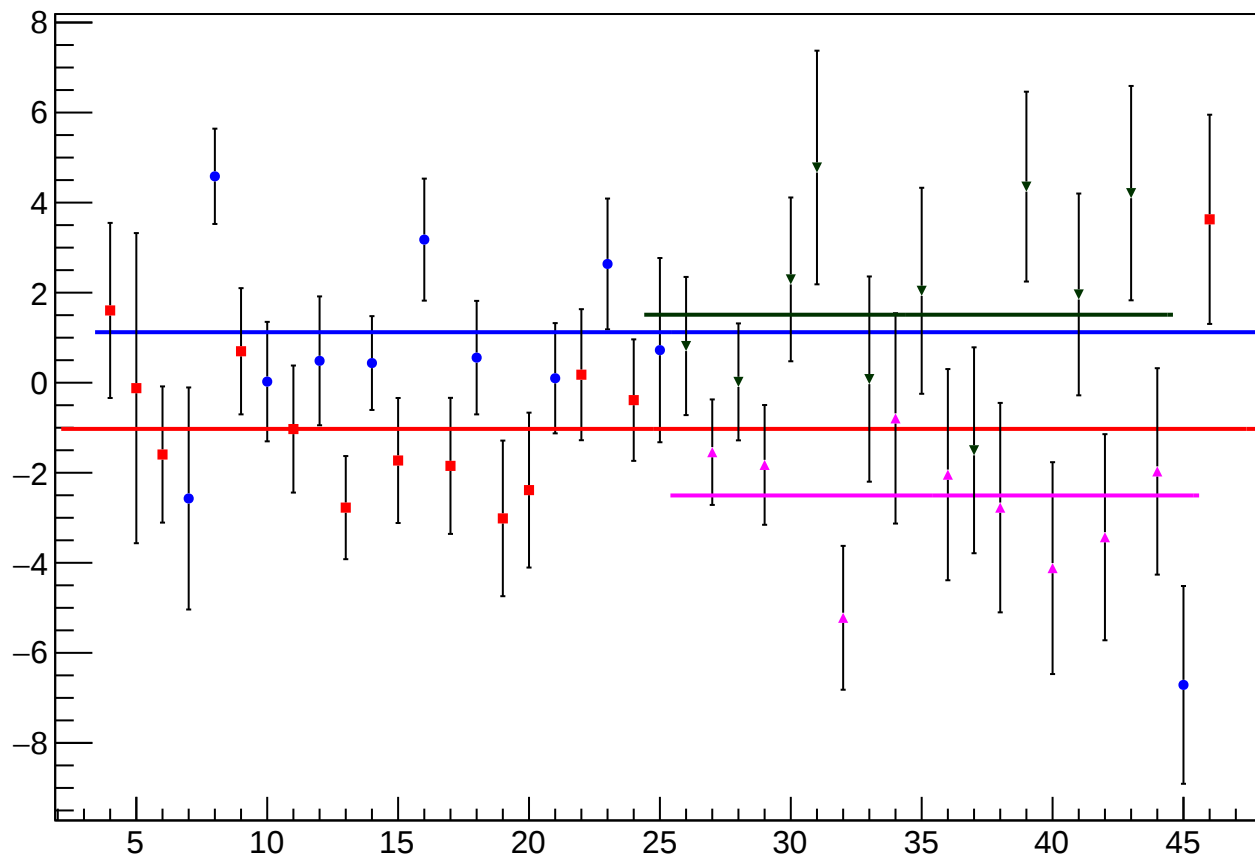
12814.869+/-2.626 χ^2/NDF : 1017039.9/20

Right Out: 14958.085+/-4.043 χ^2/NDF : 105513.5/12

12787.938+/-2.612 χ^2/NDF : 1089098.2/21

Left In: 11234.076+/-3.421 χ^2/NDF : 489264.7/8

diff_bpm0l10Y_mean vs slug



Right In: 1.122 $\pm$ 0.415 χ^2 /NDF: 31.3/10

Left Out: 1.510 $\pm$ 0.615 χ^2 /NDF:8.6/9

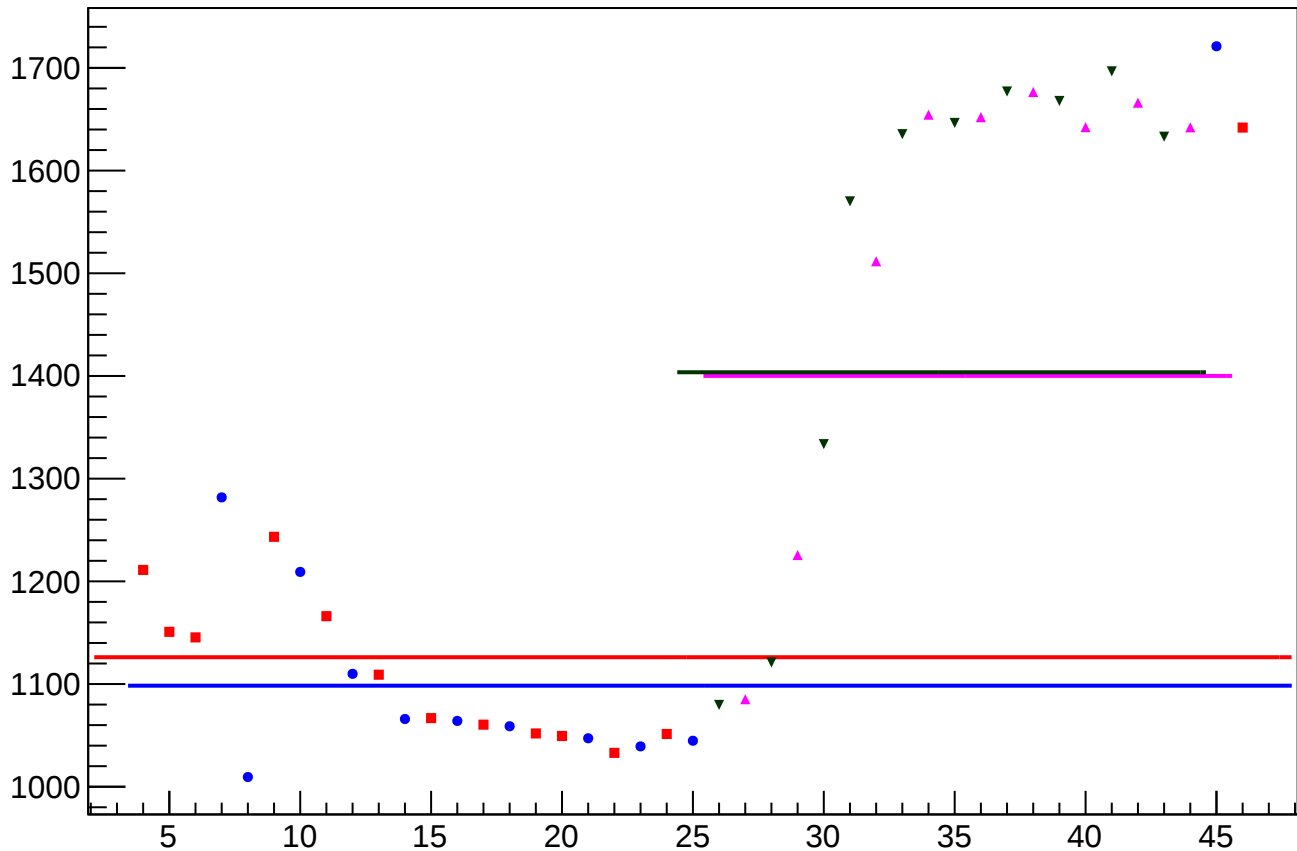
Right Out: -1.026 $\pm$ 0.430 χ^2 /NDF: 13.3/12

Left In: -2.504 $\pm$ 0.598 χ^2 /NDF:5.1/8

1.243 $\pm$ 0.344 χ^2 /NDF: 40.2/20

-1.531 $\pm$ 0.349 χ^2 /NDF: 22.4/21

diff_bpm0l10Y_rms vs slug



Right In: 1098.396 ± 0.294 χ^2/NDF : 213381.3/10

Left Out: 1403.619 ± 0.435 χ^2/NDF : 351032.7/9

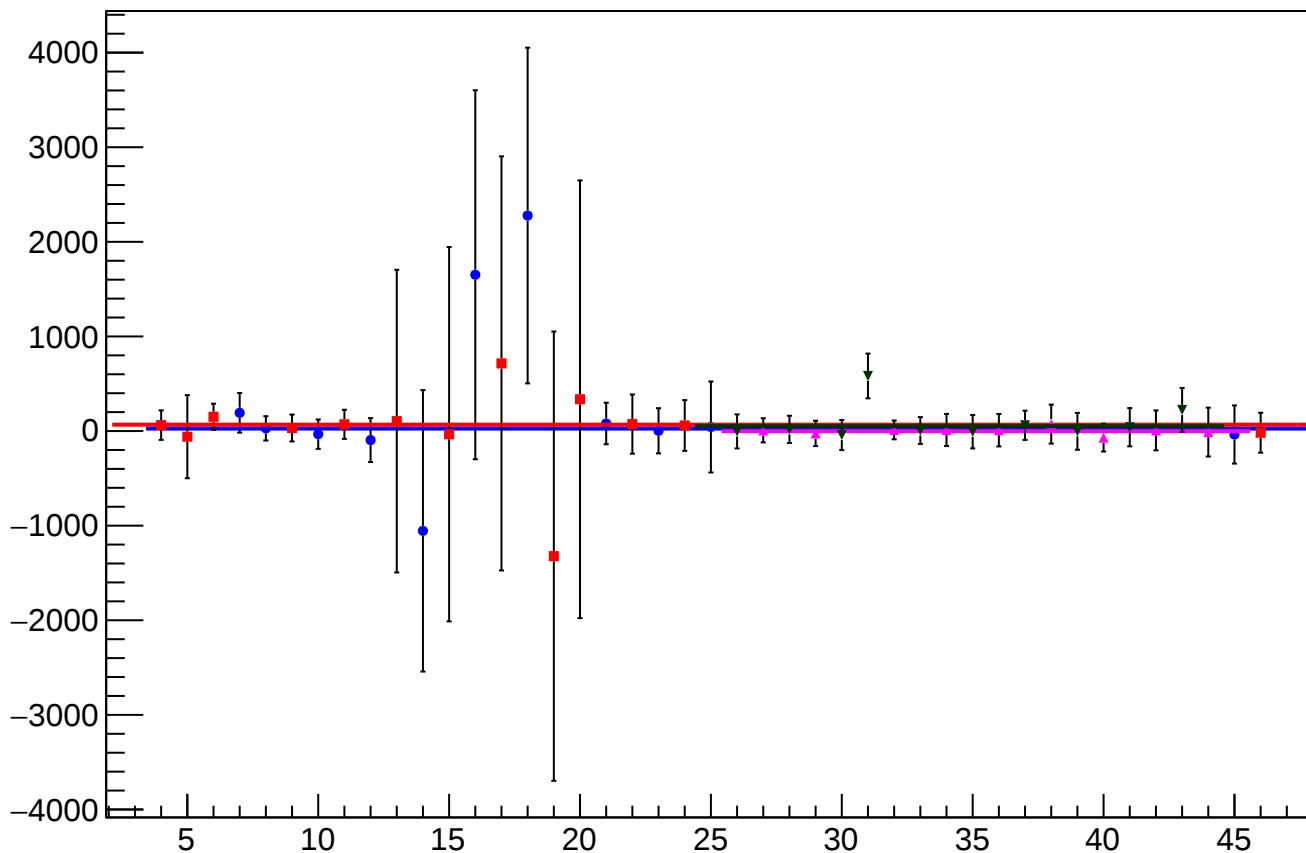
Right Out: 1126.111 ± 0.304 χ^2/NDF : 148286.1/12

Left In: 1400.046 ± 0.423 χ^2/NDF : 334198.8/8

1194.010 ± 0.243 χ^2/NDF : 902716.3/20

1219.639 ± 0.247 χ^2/NDF : 758984.3/21

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 26.104+/-71.140 χ^2/NDF : 4.0/10

Left Out: 51.986+/-55.093 χ^2/NDF : 6.4/9

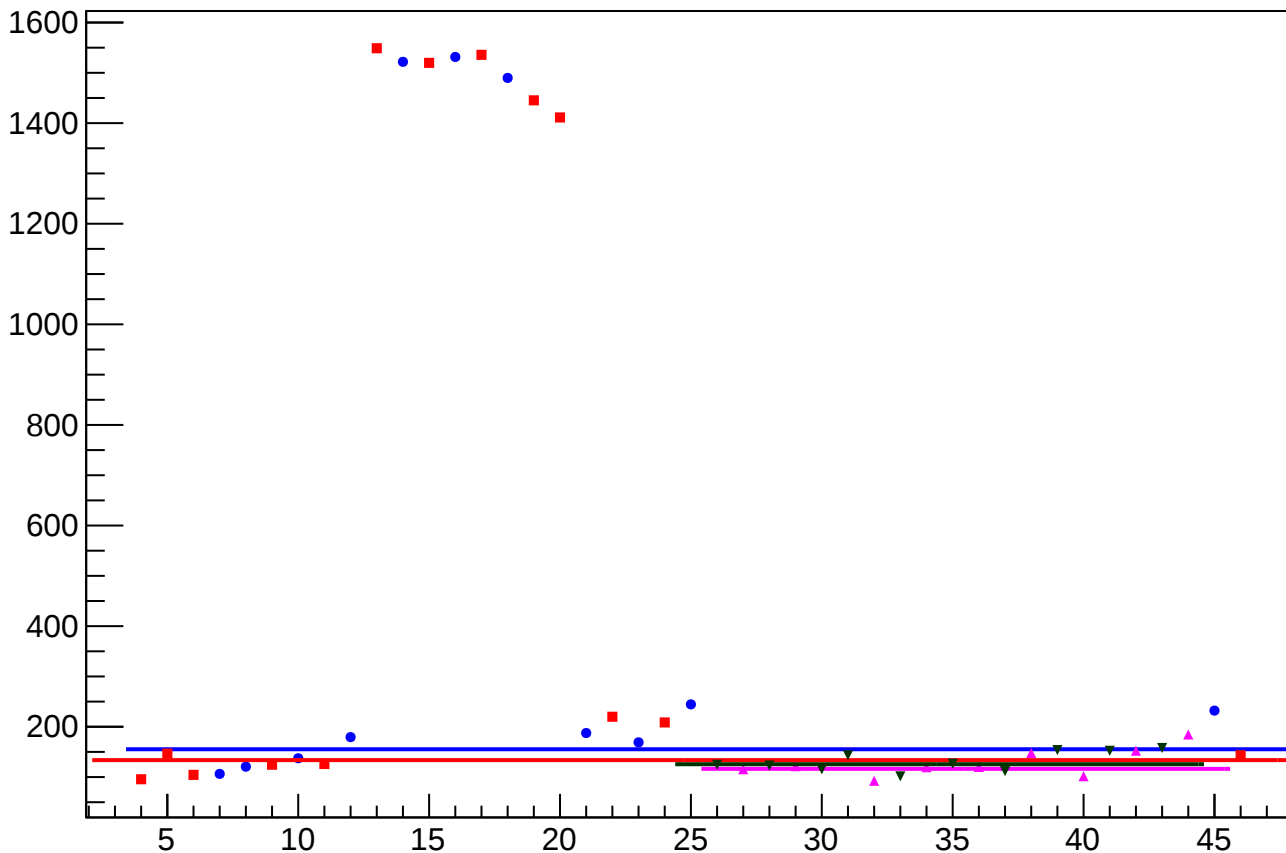
Right Out: 67.123+/-64.776 χ^2/NDF : 1.1/12

Left In: -1.037+/-50.364 χ^2/NDF : 0.4/8

42.283+/-43.558 χ^2/NDF : 10.5/20

24.643+/-39.760 χ^2/NDF : 2.2/21

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 155.277+/-0.050 χ^2/NDF : 4362119.0/10

Left Out: 125.526+/-0.039 χ^2/NDF : 209010.8/9

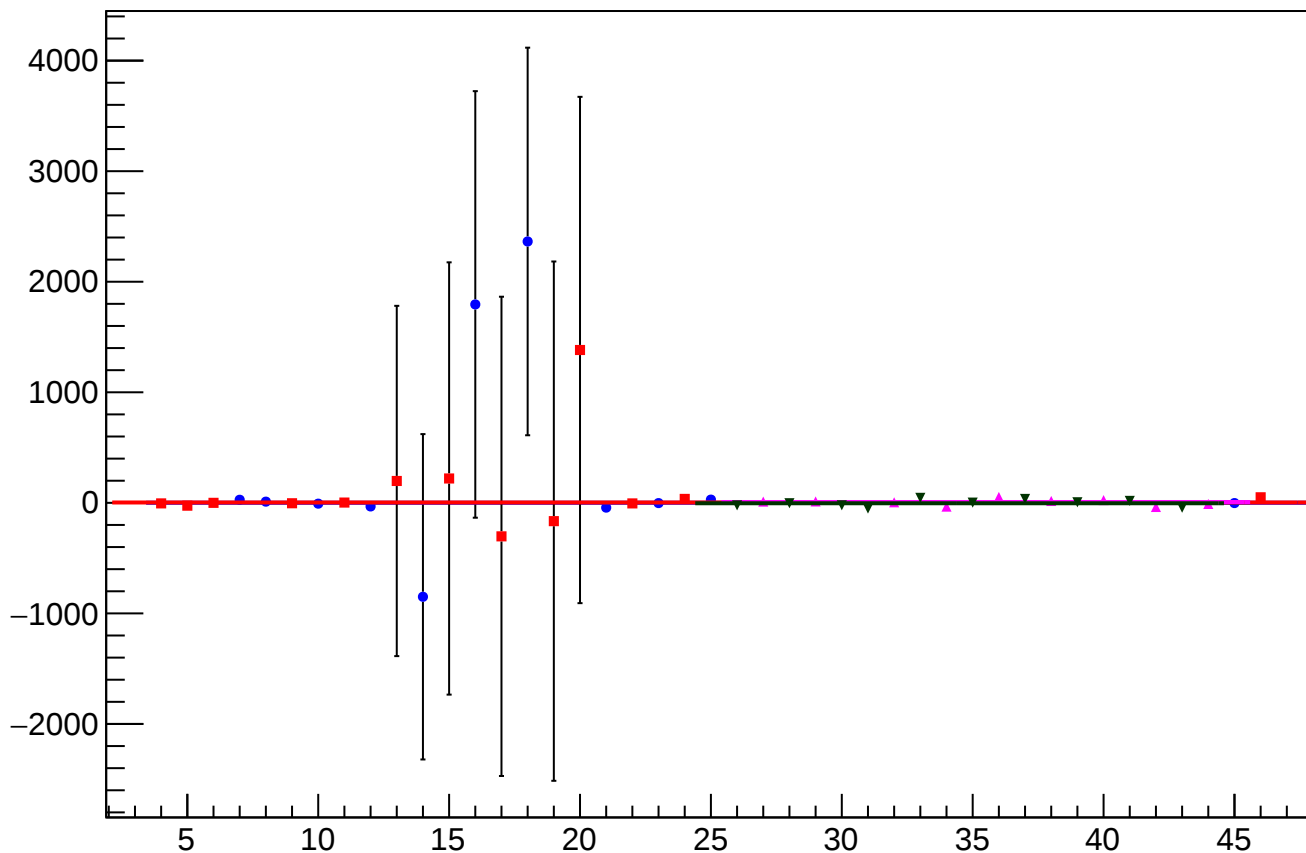
Right Out: 133.649+/-0.046 χ^2/NDF : 5124688.7/12

Left In: 116.311+/-0.036 χ^2/NDF : 383966.9/8

136.679+/-0.031 χ^2/NDF : 4789783.9/20

122.843+/-0.028 χ^2/NDF : 5597958.7/21

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.705+/-5.941 χ^2/NDF : 11.8/10

Left Out: -3.746+/-7.432 χ^2/NDF :14.5/9

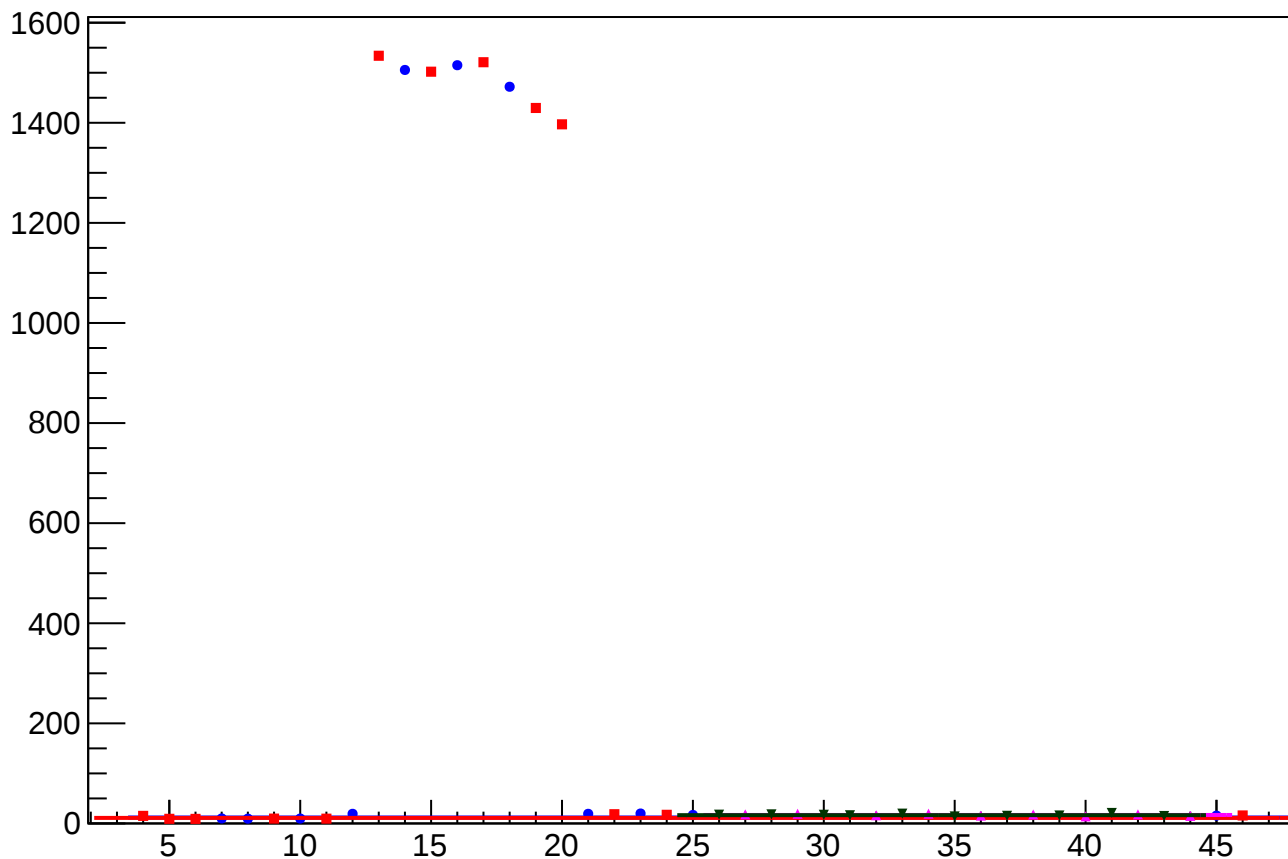
Right Out: 3.195+/-5.711 χ^2/NDF : 8.1/12

Left In: 7.617+/-7.442 χ^2/NDF :10.5/8

-1.030+/-4.640 χ^2/NDF : 26.6/20

4.834+/-4.531 χ^2/NDF : 18.8/21

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 11.888+/-0.004 χ^2/NDF : 5439205.1/10

Left Out: 16.582+/-0.005 χ^2/NDF :133569.4/9

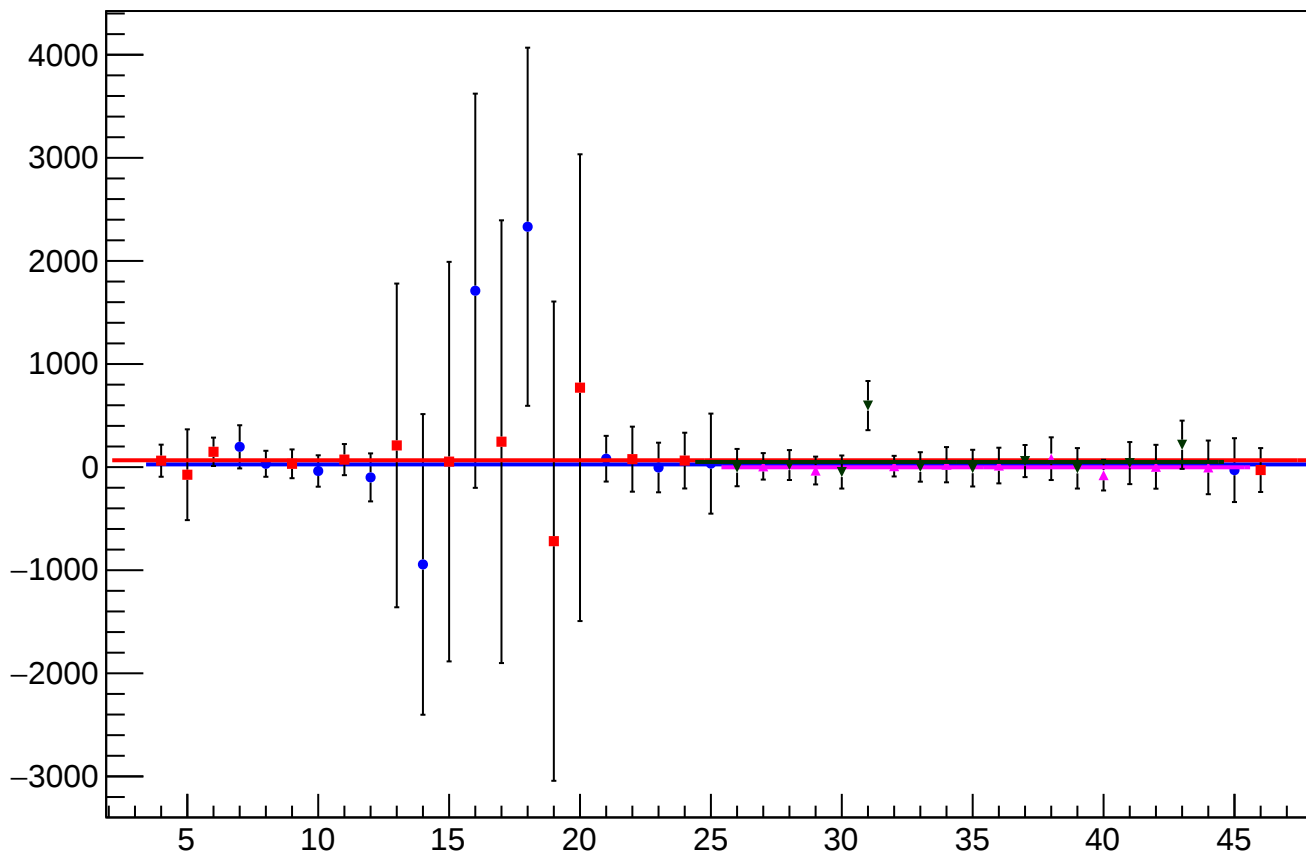
Right Out: 11.090+/-0.004 χ^2/NDF : 6012259.4/12

Left In: 16.955+/-0.005 χ^2/NDF :111170.8/8

13.718+/-0.003 χ^2/NDF : 6059640.5/20

13.264+/-0.003 χ^2/NDF : 6905314.9/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 26.436+/-70.605 χ^2/NDF : 4.2/10

Left Out: 50.113+/-55.521 χ^2/NDF : 6.6/9

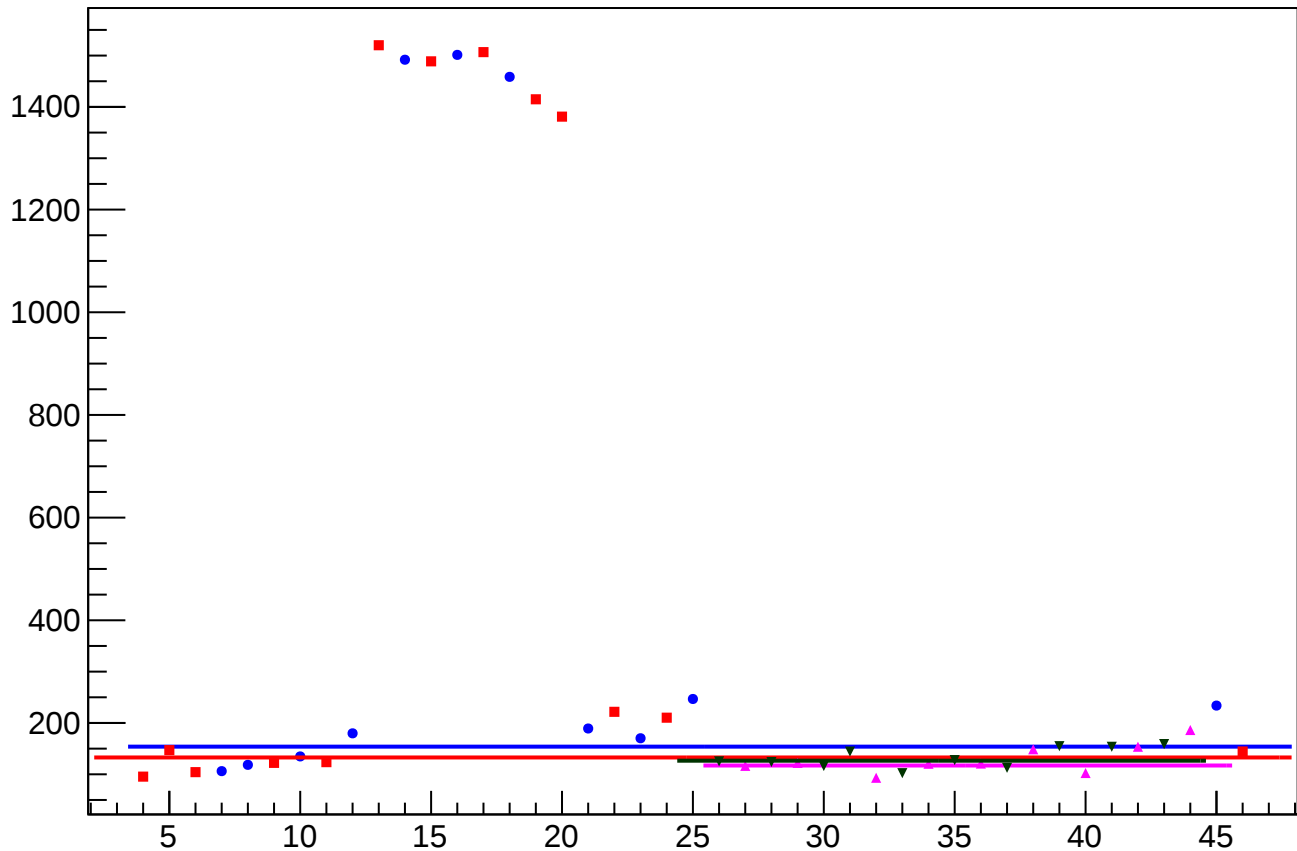
Right Out: 66.508+/-64.369 χ^2/NDF : 0.9/12

Left In: -1.728+/-50.729 χ^2/NDF : 0.5/8

41.067+/-43.643 χ^2/NDF : 10.9/20

24.415+/-39.843 χ^2/NDF : 2.2/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 153.876+/-0.050 χ^2/NDF : 4390602.2/10

Left Out: 126.498+/-0.039 χ^2/NDF : 209198.2/9

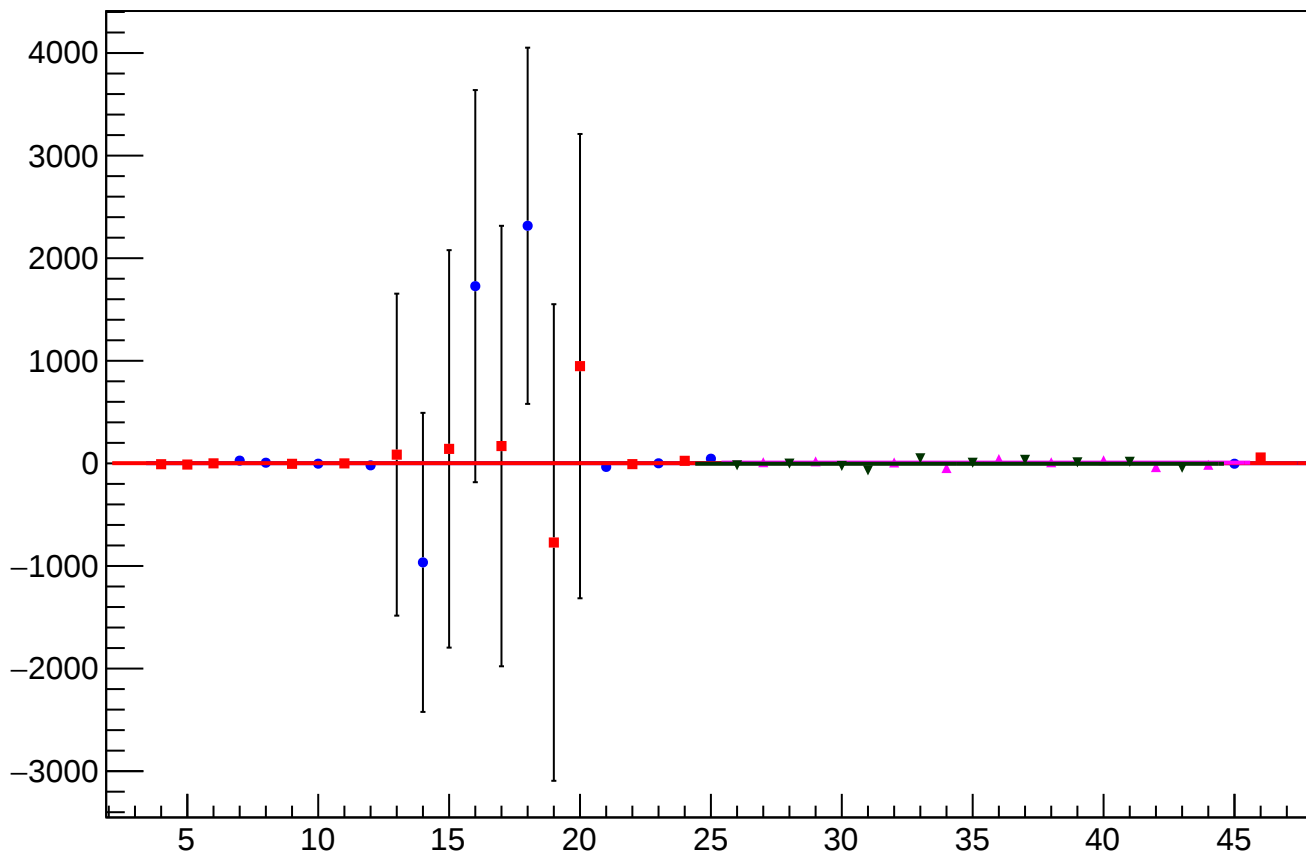
136.959+/-0.031 χ^2/NDF : 4785622.9/20

Right Out: 132.789+/-0.046 χ^2/NDF : 5127263.8/12

123.137+/-0.028 χ^2/NDF : 5584886.2/21

Left In: 117.142+/-0.036 χ^2/NDF : 384721.1/8

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 2.208+/-5.401 χ^2/NDF : 10.1/10

Left Out: -3.293+/-7.243 χ^2/NDF : 18.2/9

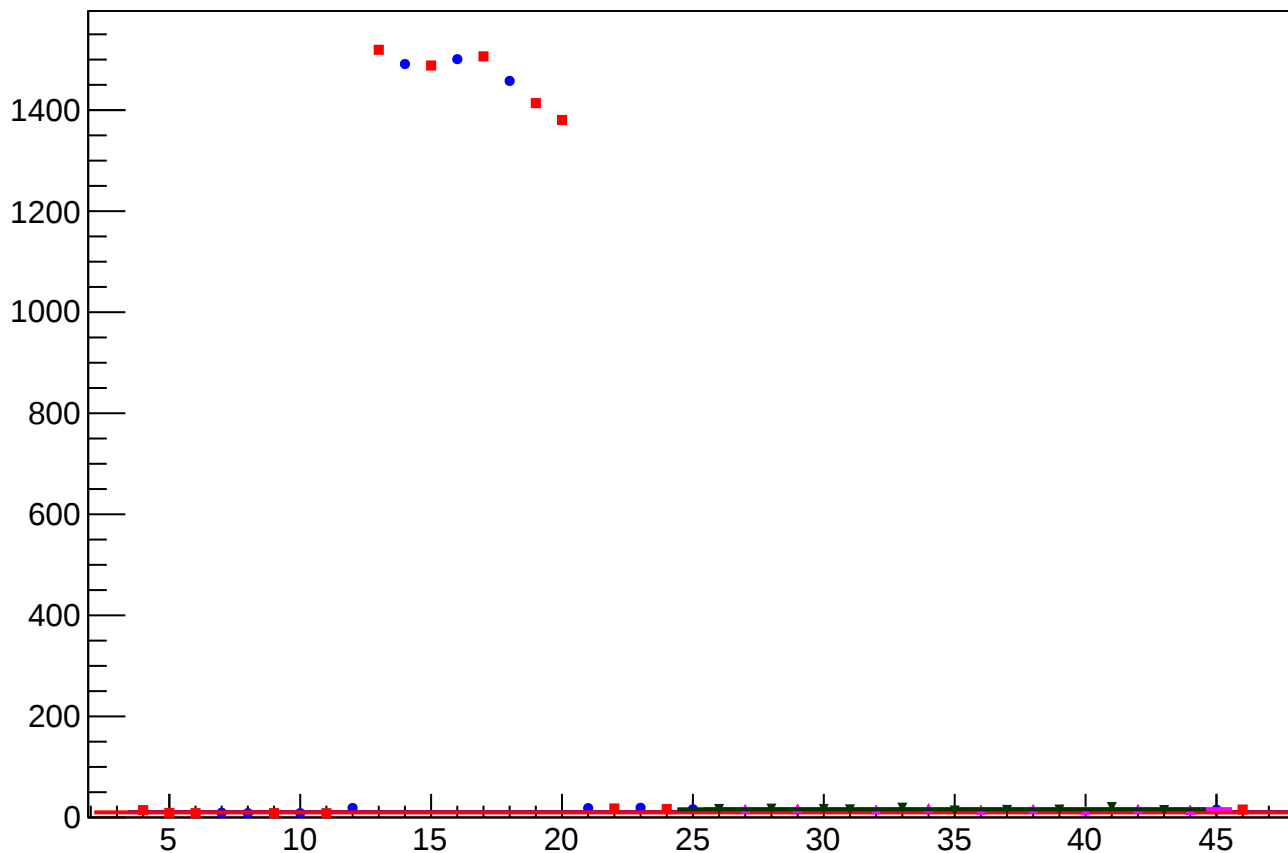
Right Out: 2.128+/-5.228 χ^2/NDF : 8.1/12

Left In: 7.660+/-7.257 χ^2/NDF : 11.3/8

0.242+/-4.330 χ^2/NDF : 28.7/20

4.018+/-4.242 χ^2/NDF : 19.8/21

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 10.652+/-0.004 χ^2/NDF : 5631649.0/10

Left Out: 16.136+/-0.005 χ^2/NDF :128057.2/9

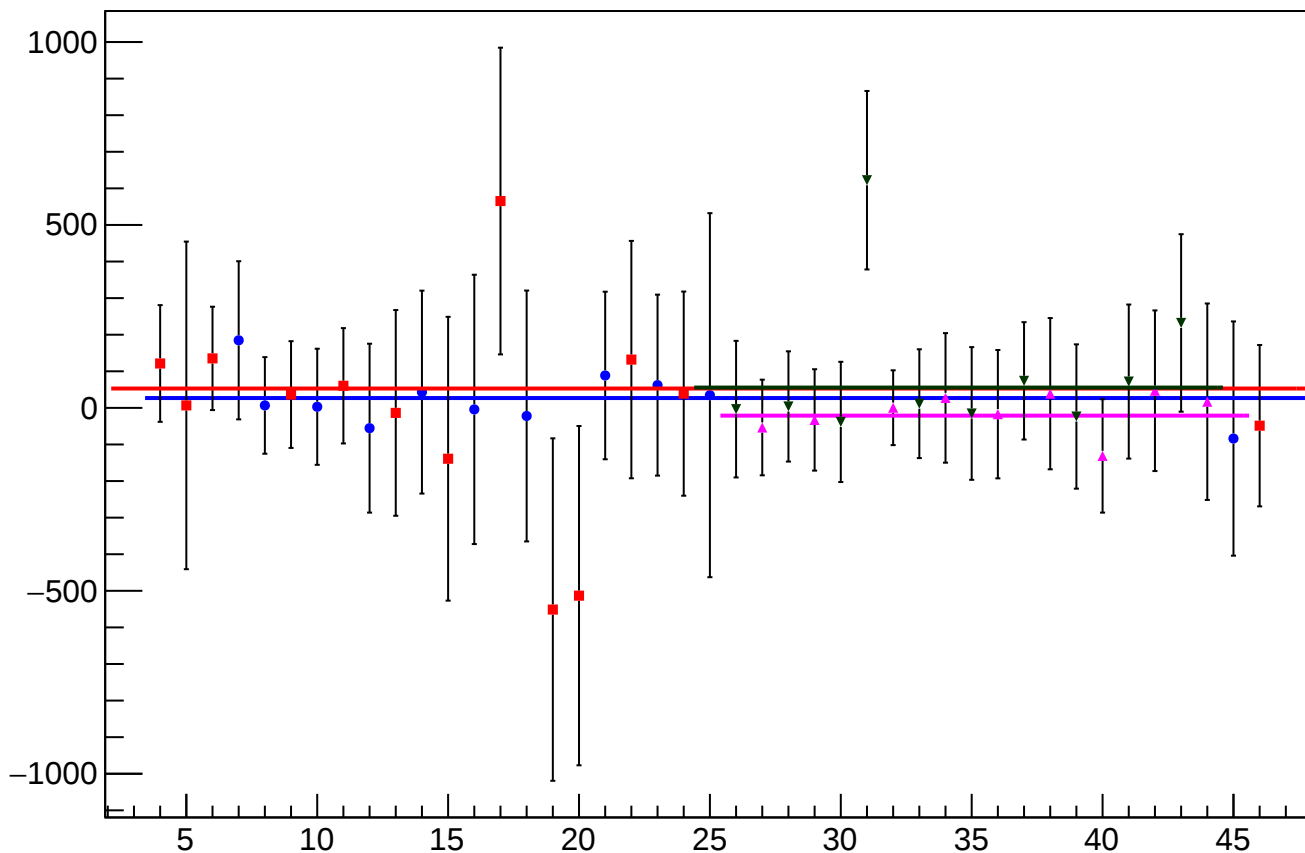
Right Out: 10.058+/-0.004 χ^2/NDF : 6128690.6/12

Left In: 16.504+/-0.005 χ^2/NDF :102198.9/8

12.611+/-0.003 χ^2/NDF : 6496582.7/20

12.260+/-0.003 χ^2/NDF : 7269781.0/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 26.891+/-68.143 χ^2/NDF : 1.0/10

Left Out: 55.504+/-57.134 χ^2/NDF : 6.9/9

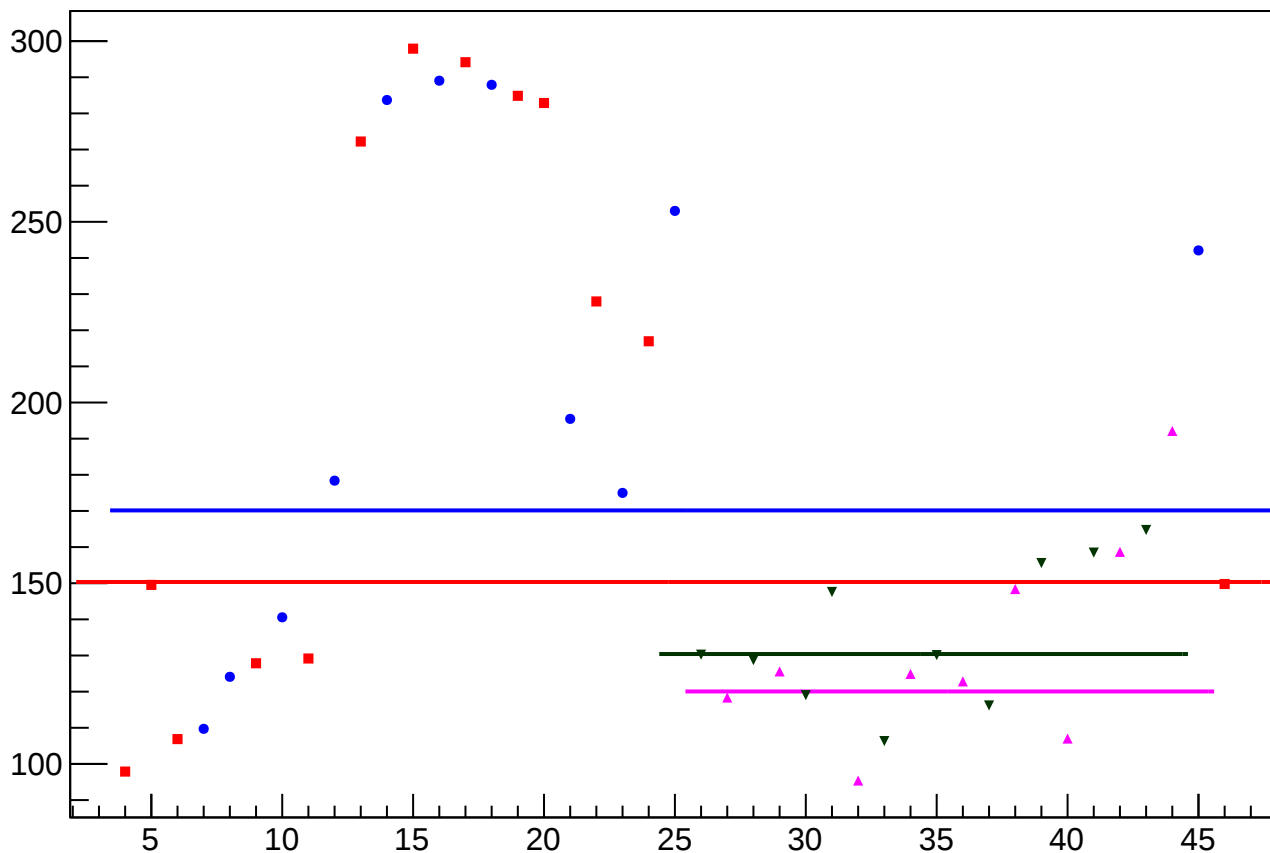
Right Out: 52.936+/-62.167 χ^2/NDF : 5.8/12

Left In: -21.169+/-51.965 χ^2/NDF : 0.9/8

43.693+/-43.781 χ^2/NDF : 7.9/20

9.312+/-39.871 χ^2/NDF : 7.5/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 170.149 $\pm$ 0.048 χ^2 /NDF: 1433401.2/10

Left Out: 130.412 $\pm$ 0.040 χ^2 /NDF:196128.5/9

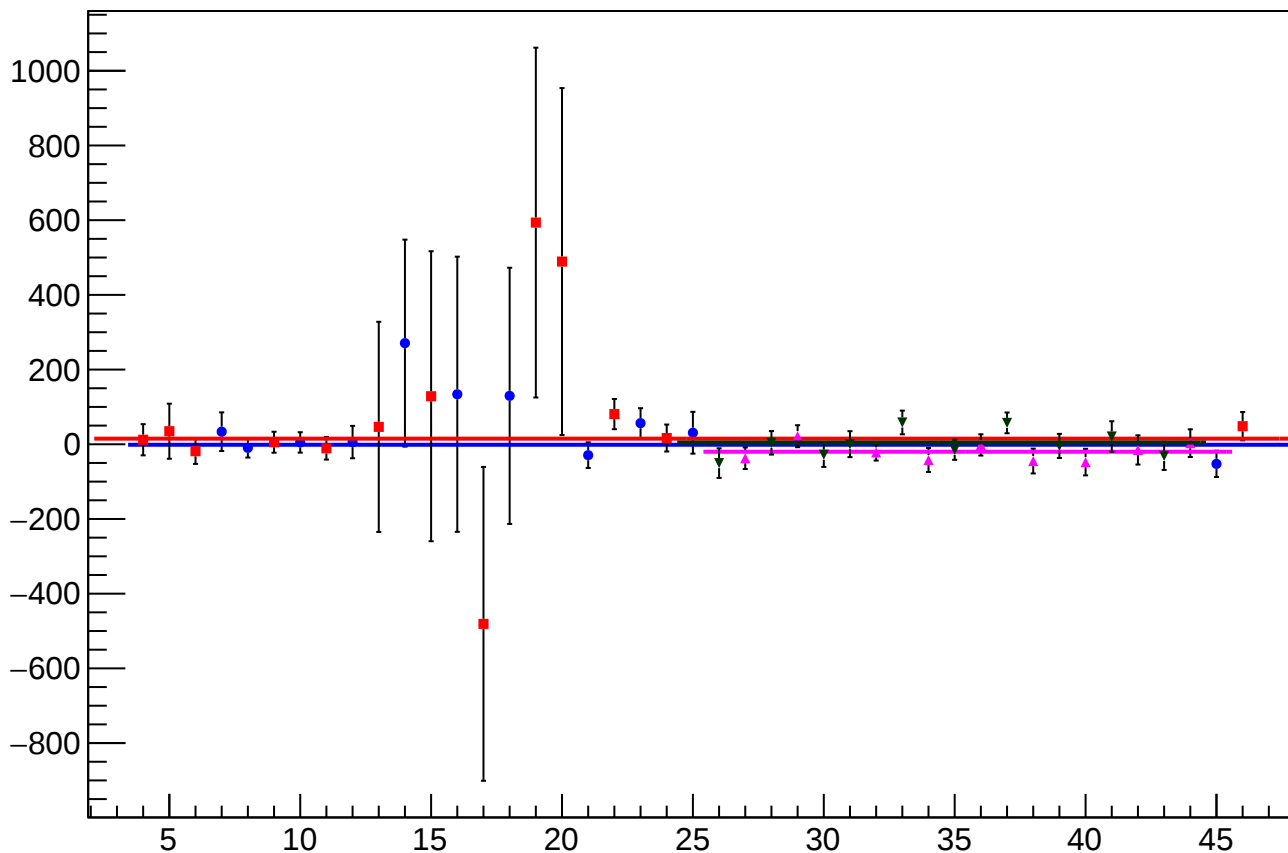
146.815 $\pm$ 0.031 χ^2 /NDF: 2028903.2/20

Right Out: 150.345 $\pm$ 0.044 χ^2 /NDF: 1947247.7/12

132.513 $\pm$ 0.028 χ^2 /NDF: 2606332.1/21

Left In: 120.053 $\pm$ 0.037 χ^2 /NDF:379558.3/8

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.291 ± 12.543 χ^2/NDF : 7.1/10

Left Out: 4.706 ± 10.341 χ^2/NDF : 11.1/9

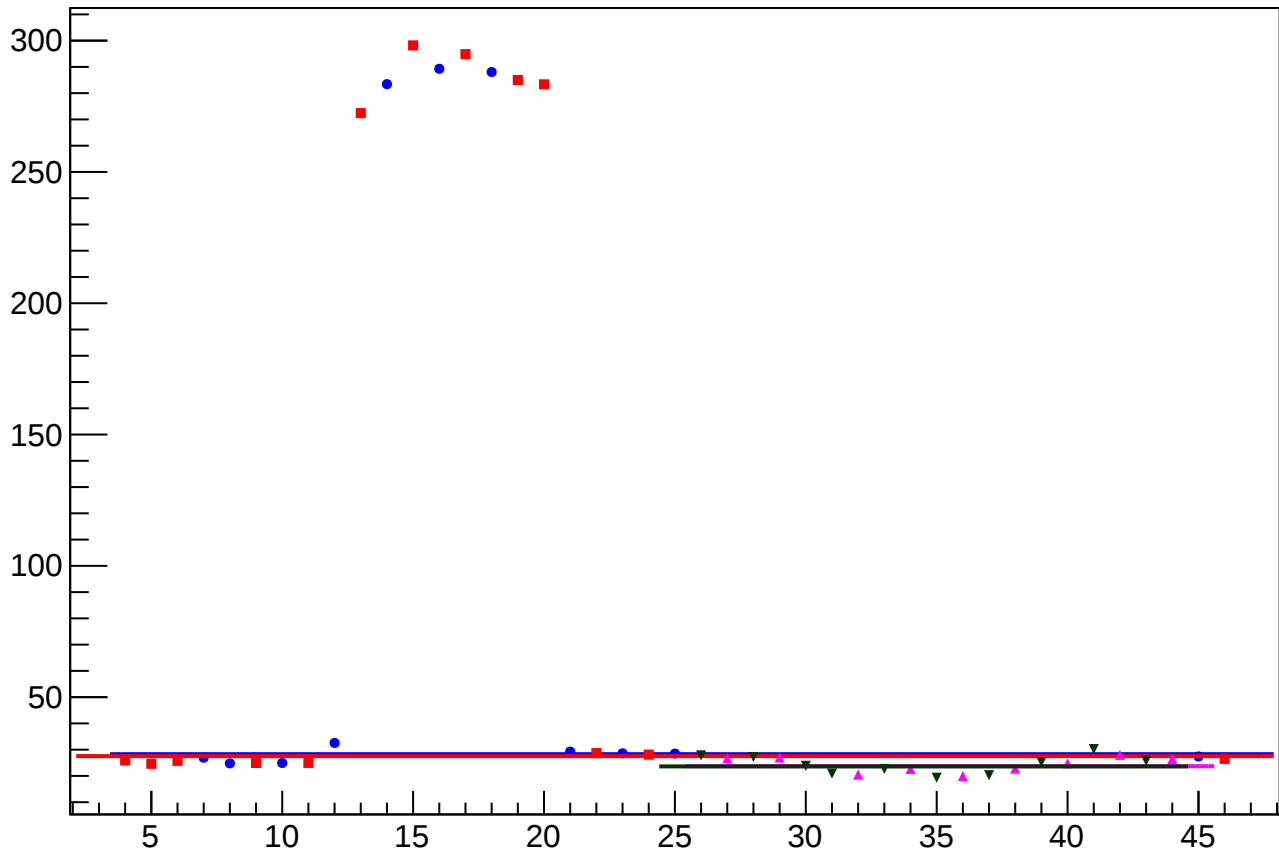
Right Out: 15.094 ± 12.809 χ^2/NDF : 9.4/12

Left In: -19.983 ± 10.142 χ^2/NDF : 4.8/8

2.279 ± 7.979 χ^2/NDF : 18.3/20

-6.467 ± 7.951 χ^2/NDF : 18.8/21

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 28.280+/-0.009 χ^2/NDF : 3937421.7/10

Left Out: 23.629+/-0.007 χ^2/NDF : 207433.9/9

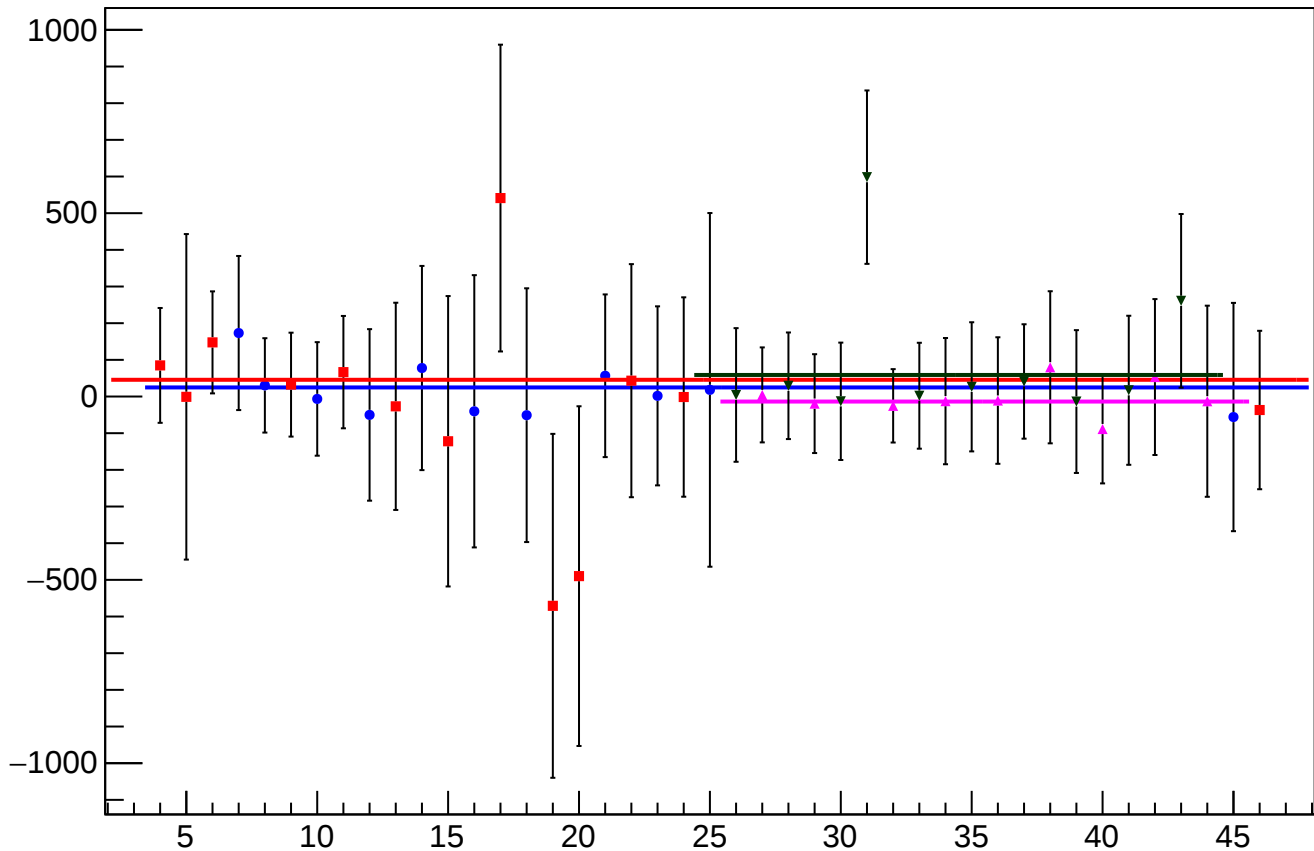
25.511+/-0.006 χ^2/NDF : 4308634.8/20

Right Out: 27.549+/-0.009 χ^2/NDF : 4554847.7/12

25.189+/-0.006 χ^2/NDF : 4831113.7/21

Left In: 23.710+/-0.007 χ^2/NDF : 165851.2/8

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 24.784+/-66.929 χ^2/NDF : 0.9/10

Left Out: 58.807+/-55.552 χ^2/NDF : 6.6/9

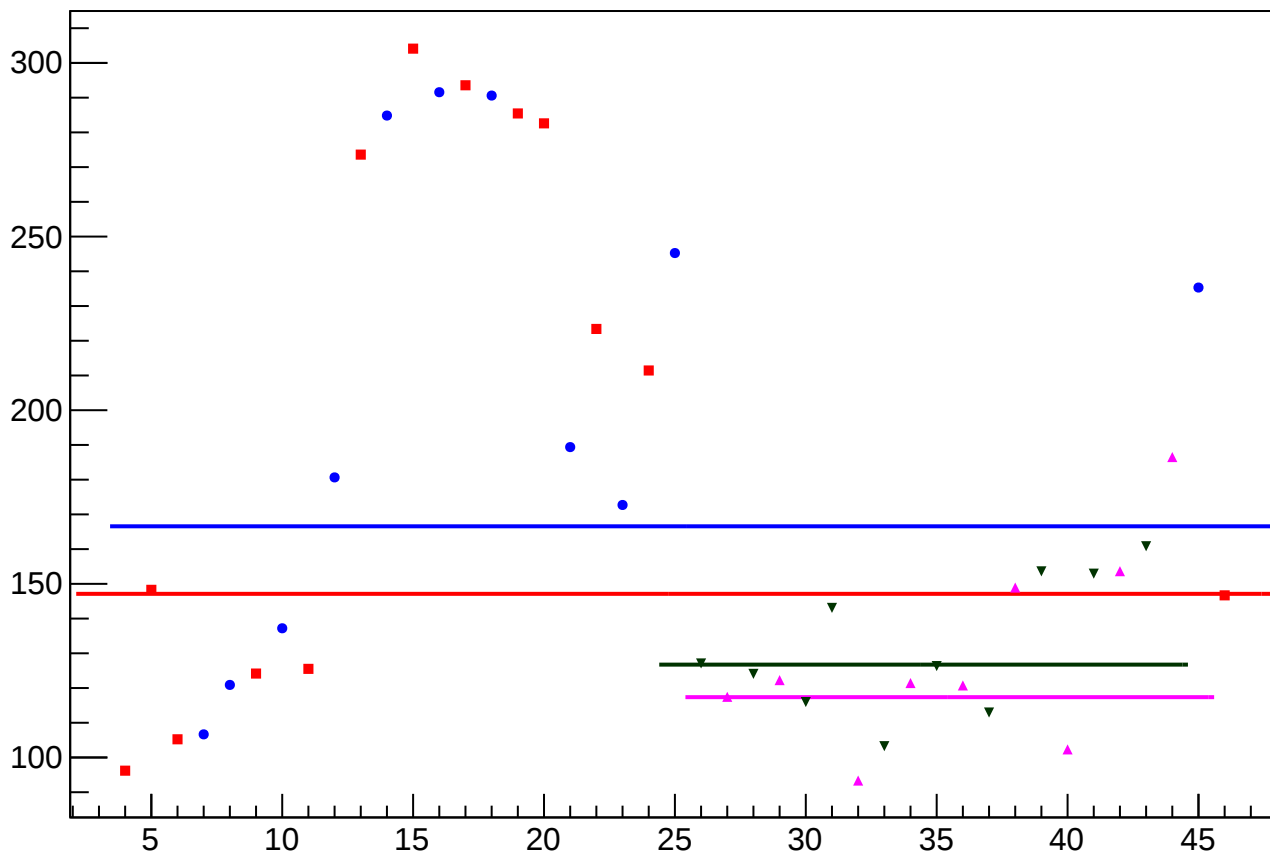
Right Out: 45.637+/-61.018 χ^2/NDF : 5.5/12

Left In: -13.722+/-50.809 χ^2/NDF : 0.6/8

44.929+/-42.746 χ^2/NDF : 7.7/20

10.583+/-39.045 χ^2/NDF : 6.7/21

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 166.570 $\pm$ 0.047 χ^2 /NDF: 1511425.8/10

Left Out: 126.741 $\pm$ 0.039 χ^2 /NDF: 200512.0/9

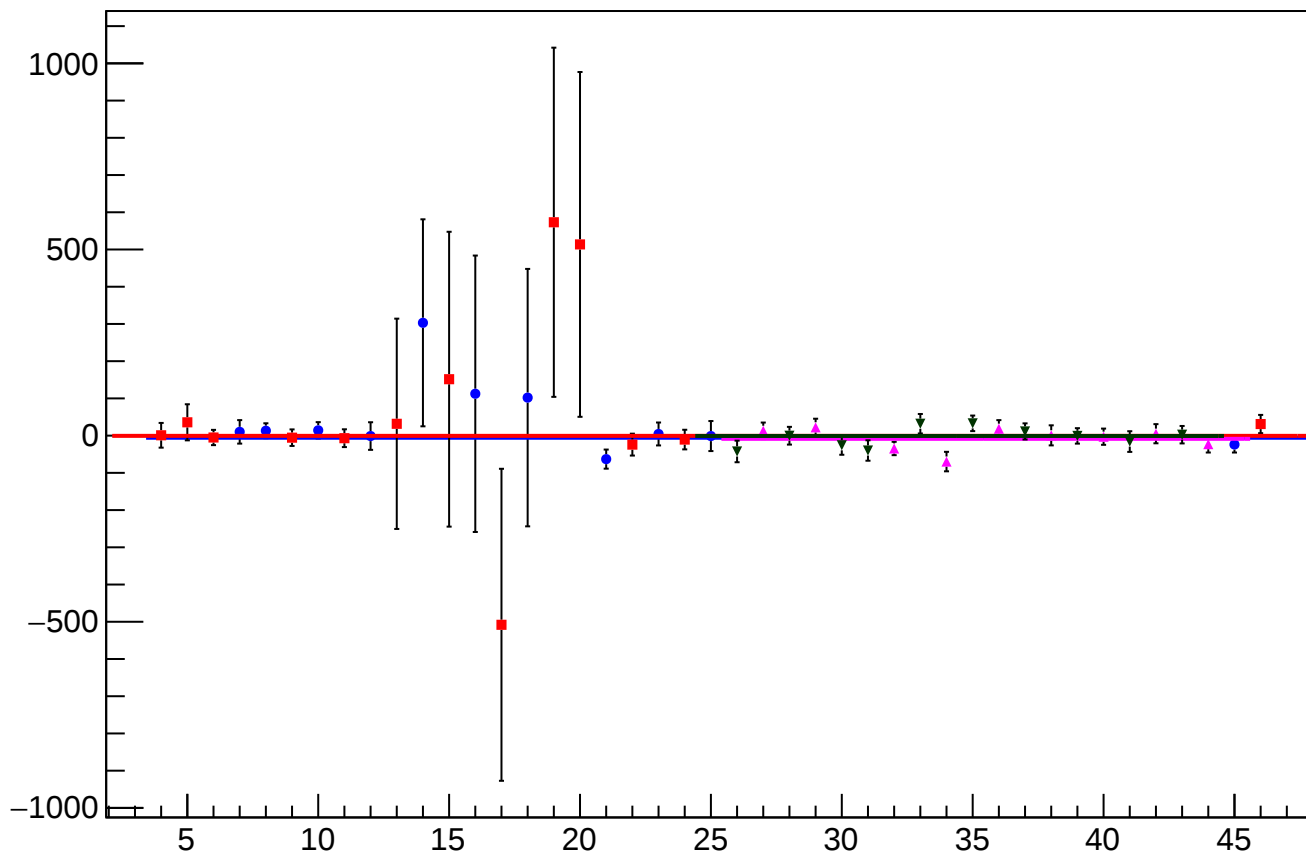
142.987 $\pm$ 0.030 χ^2 /NDF: 2131311.6/20

Right Out: 147.123 $\pm$ 0.043 χ^2 /NDF: 2017233.5/12

129.554 $\pm$ 0.028 χ^2 /NDF: 2683546.8/21

Left In: 117.371 $\pm$ 0.036 χ^2 /NDF: 385529.6/8

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -5.664+/-9.250 χ^2/NDF : 9.3/10

Left Out: -0.891+/-7.638 χ^2/NDF : 9.9/9

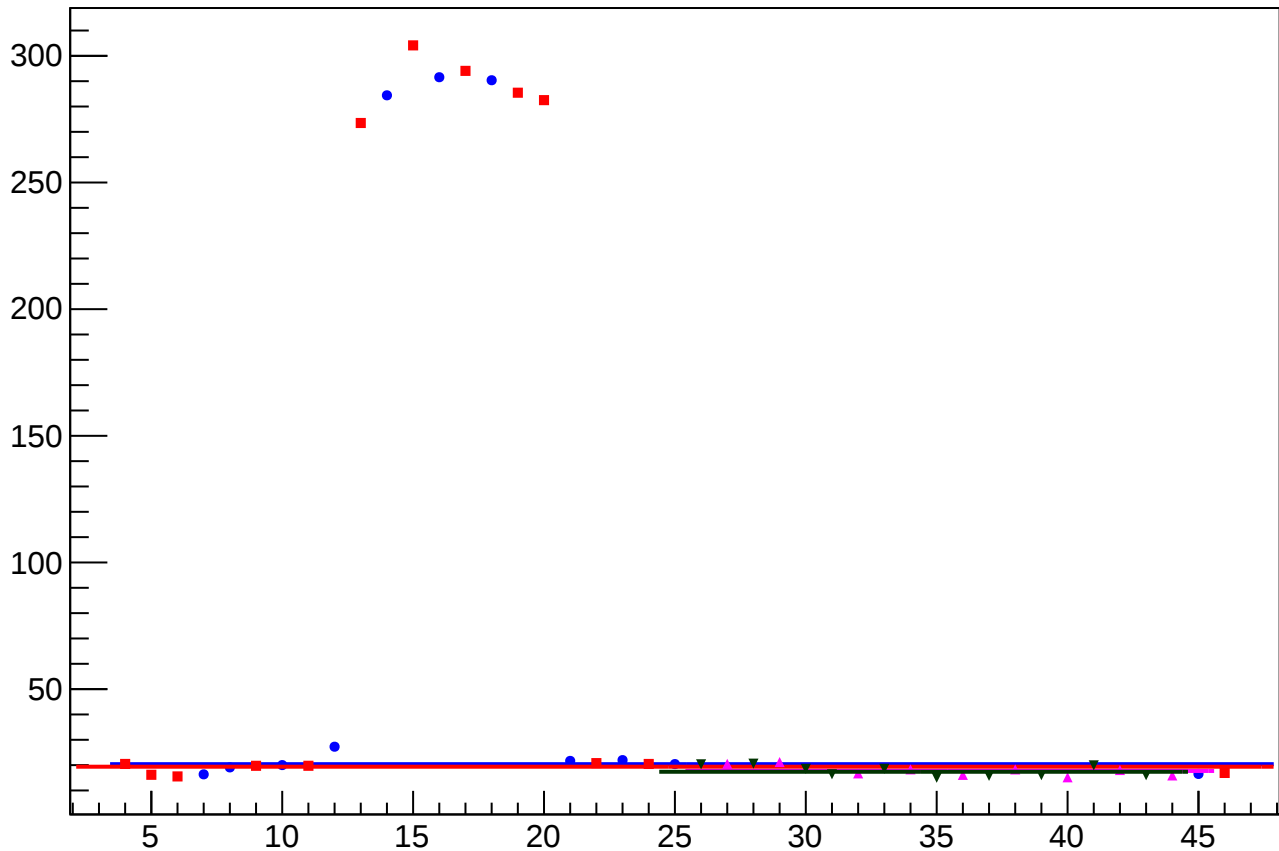
Right Out: -0.600+/-9.215 χ^2/NDF : 7.5/12

Left In: -8.626+/-7.603 χ^2/NDF : 12.5/8

-2.826+/-5.890 χ^2/NDF : 19.3/20

-5.375+/-5.865 χ^2/NDF : 20.5/21

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.377+/-0.007 χ^2 /NDF: 4275881.0/10

Left Out: 17.382+/-0.005 χ^2 /NDF:136187.2/9

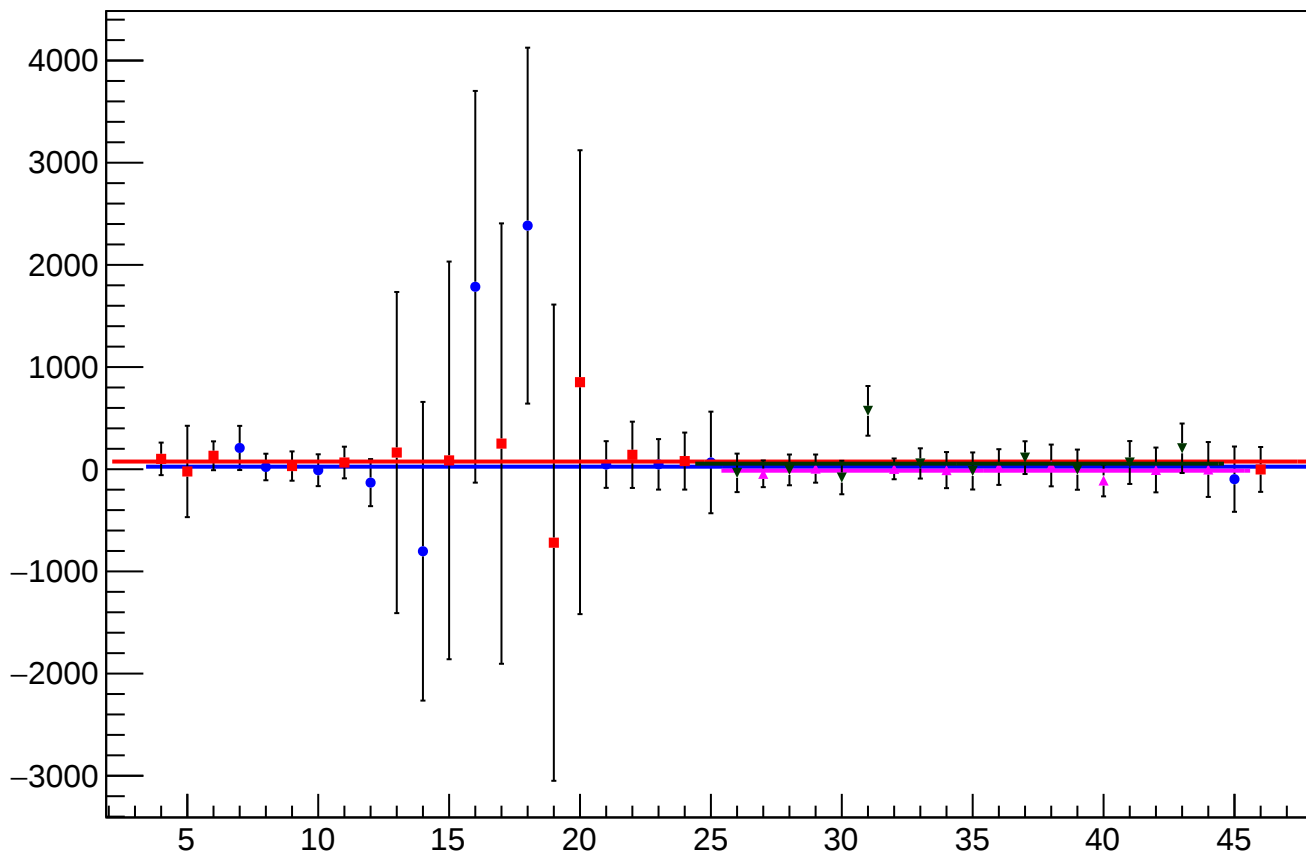
Right Out: 19.375+/-0.007 χ^2 /NDF: 4911791.6/12

Left In: 17.695+/-0.005 χ^2 /NDF:133973.4/8

18.596+/-0.004 χ^2 /NDF: 4536754.9/20

18.375+/-0.004 χ^2 /NDF: 5085328.7/21

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 24.984+/-72.334 χ^2/NDF : 4.4/10

Left Out: 54.414+/-57.060 χ^2/NDF : 6.4/9

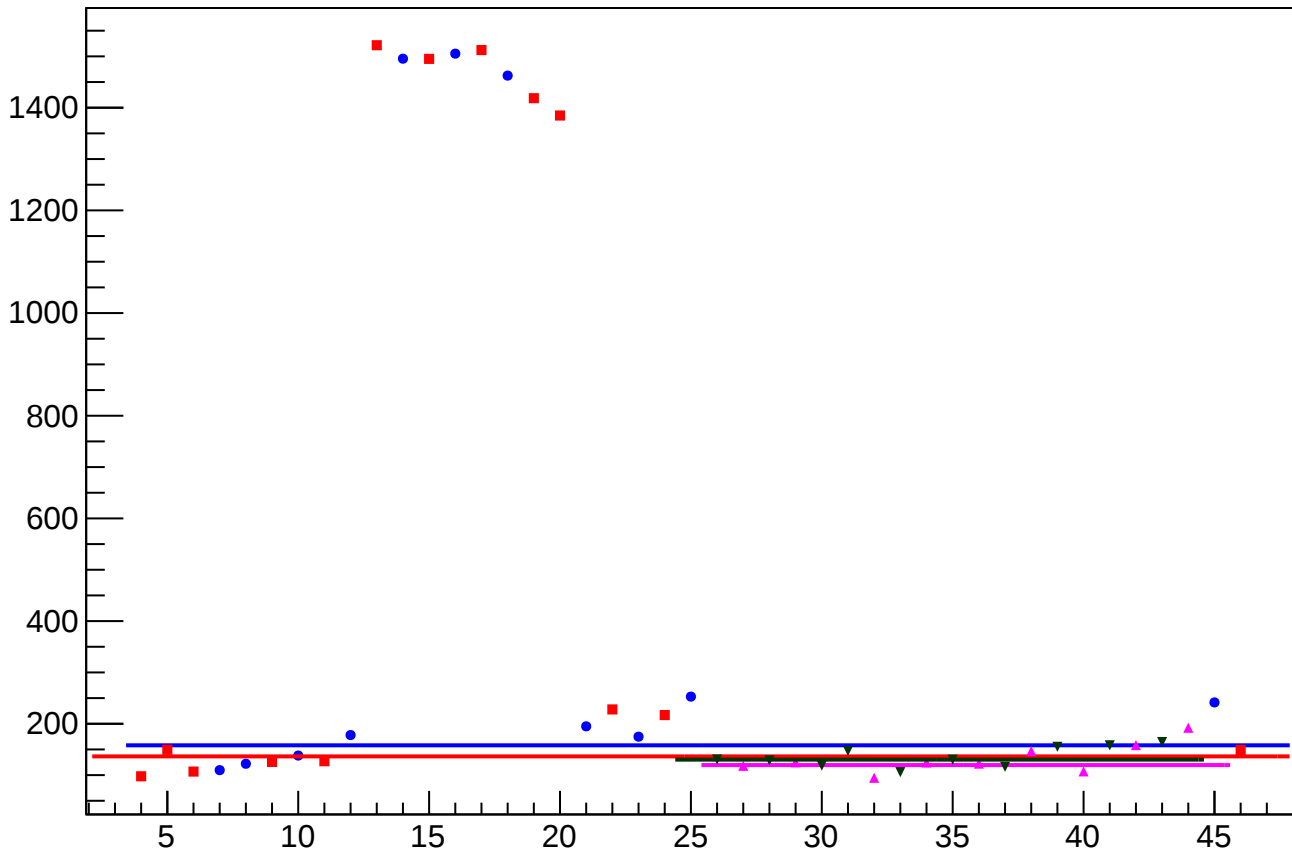
Right Out: 75.222+/-66.061 χ^2/NDF : 0.7/12

Left In: -14.439+/-51.773 χ^2/NDF : 0.6/8

43.125+/-44.799 χ^2/NDF : 10.9/20

19.677+/-40.750 χ^2/NDF : 2.5/21

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 158.034+/-0.051 χ^2/NDF : 4356427.1/10

Left Out: 130.144+/-0.040 χ^2/NDF : 197118.8/9

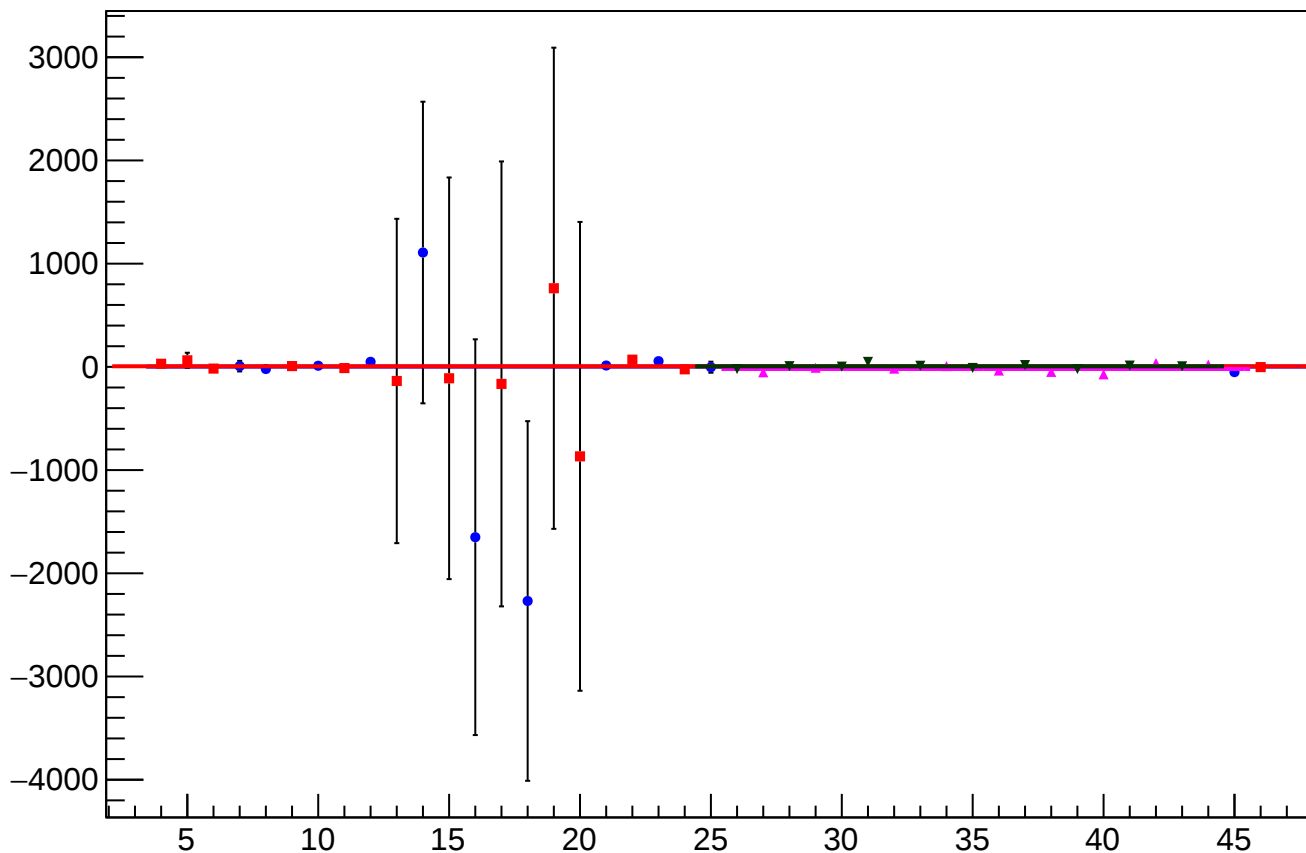
140.842+/-0.032 χ^2/NDF : 4736828.9/20

Right Out: 136.446+/-0.047 χ^2/NDF : 5112091.7/12

126.004+/-0.029 χ^2/NDF : 5573443.9/21

Left In: 119.590+/-0.037 χ^2/NDF : 380691.2/8

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 2.799 $\pm$ 12.184 χ^2 /NDF: 9.7/10

Left Out: 5.137 $\pm$ 9.787 χ^2 /NDF: 3.6/9

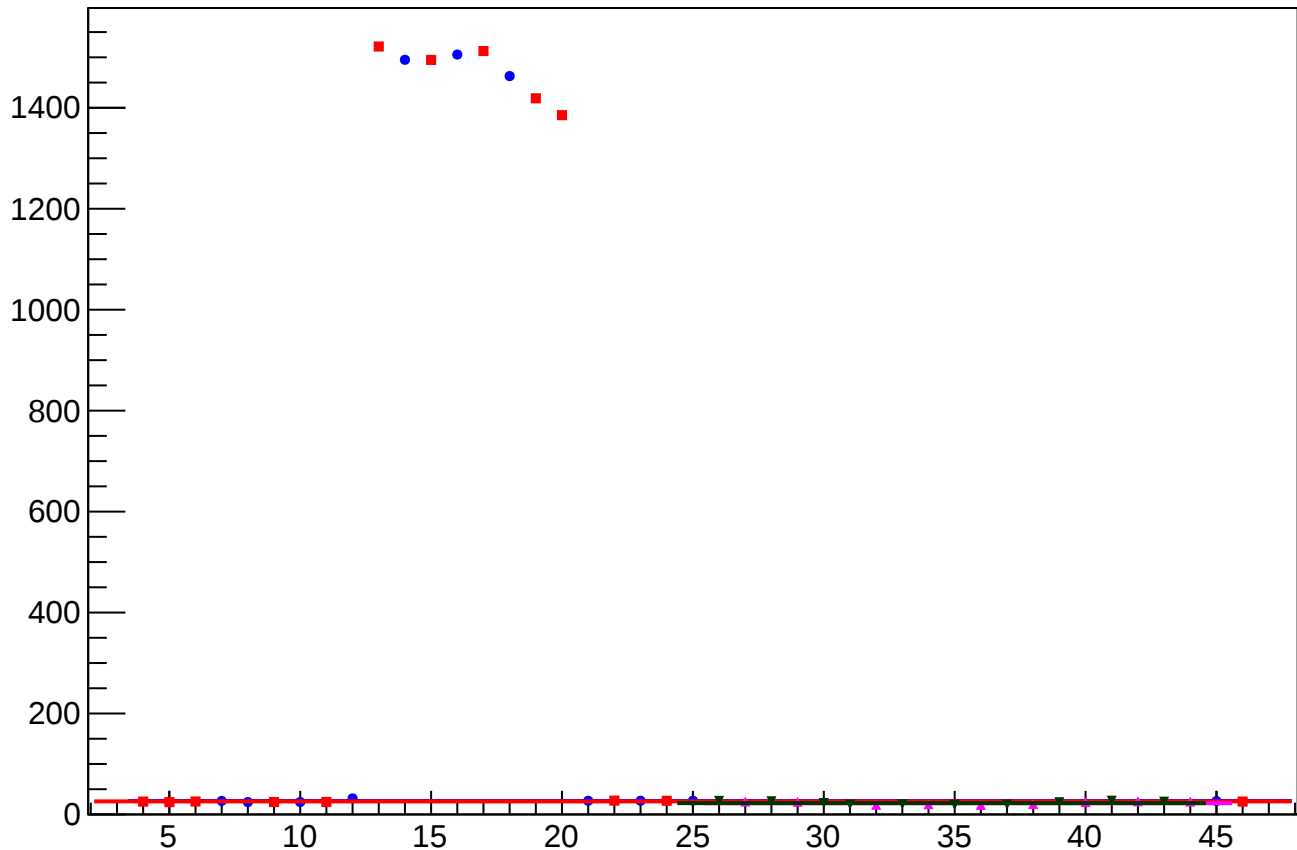
Right Out: 5.823 $\pm$ 12.573 χ^2 /NDF: 5.5/12

Left In: -20.467 $\pm$ 9.485 χ^2 /NDF: 9.8/8

4.220 $\pm$ 7.630 χ^2 /NDF: 13.3/20

-10.931 $\pm$ 7.572 χ^2 /NDF: 18.1/21

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 26.583+/-0.009 χ^2 /NDF: 4624006.2/10

Left Out: 22.469+/-0.007 χ^2 /NDF:192593.7/9

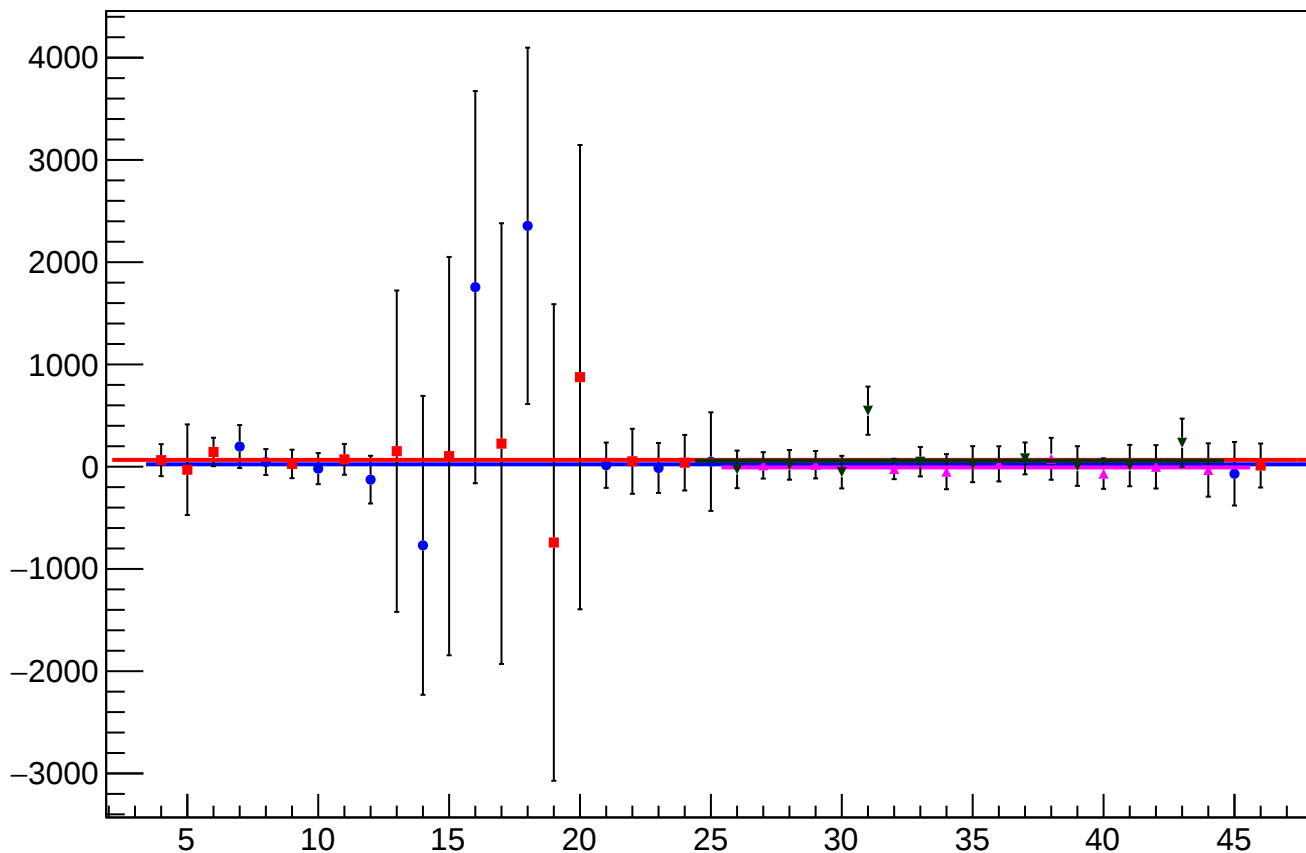
Right Out: 25.895+/-0.009 χ^2 /NDF: 5347179.5/12

Left In: 22.294+/-0.007 χ^2 /NDF:193997.0/8

24.082+/-0.005 χ^2 /NDF: 4955222.7/20

23.600+/-0.005 χ^2 /NDF: 5645688.9/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 23.252+/-70.762 χ^2/NDF : 4.2/10

Left Out: 58.282+/-55.472 χ^2/NDF : 5.8/9

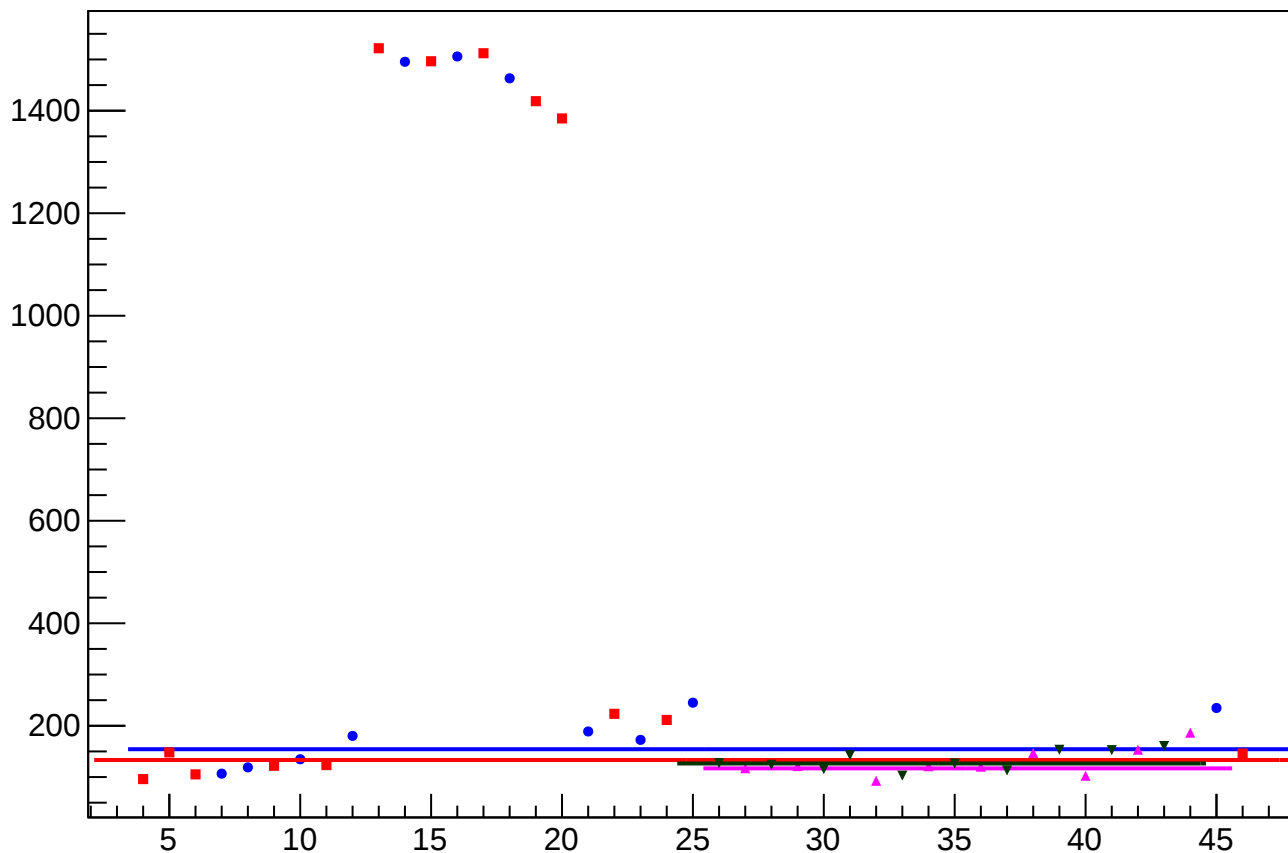
Right Out: 66.554+/-64.586 χ^2/NDF : 0.8/12

Left In: -7.345+/-50.616 χ^2/NDF : 0.5/8

44.949+/-43.657 χ^2/NDF : 10.2/20

20.772+/-39.839 χ^2/NDF : 2.1/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 154.304+/-0.050 χ^2/NDF : 4388931.7/10

Left Out: 126.462+/-0.039 χ^2/NDF : 201645.3/9

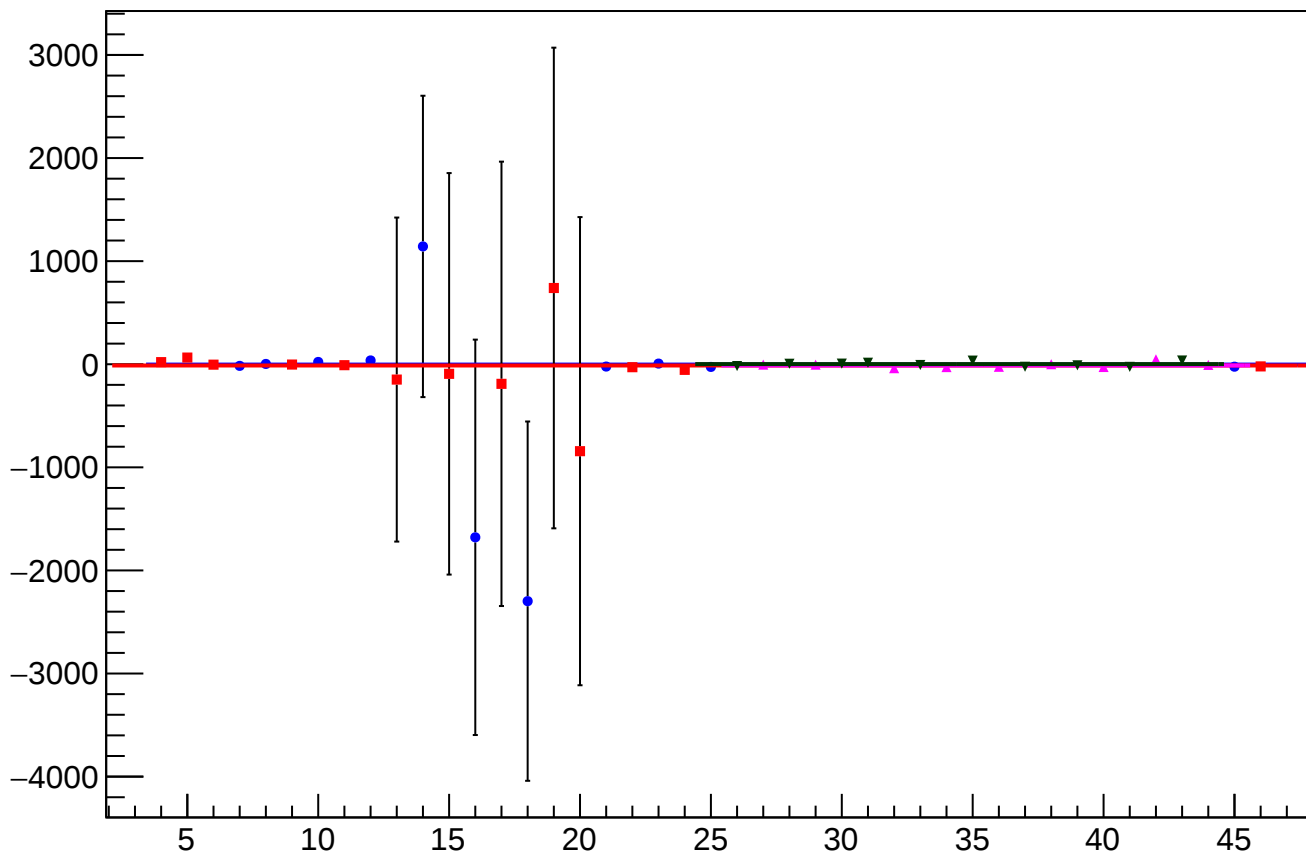
Right Out: 133.285+/-0.046 χ^2/NDF : 5127232.9/12

Left In: 116.908+/-0.036 χ^2/NDF : 386526.1/8

137.059+/-0.031 χ^2/NDF : 4782344.8/20

123.139+/-0.028 χ^2/NDF : 5593422.9/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -3.281 ± 8.730 $\chi^2/\text{NDF}: 8.3/10$

Left Out: 1.404 ± 7.049 $\chi^2/\text{NDF}: 9.5/9$

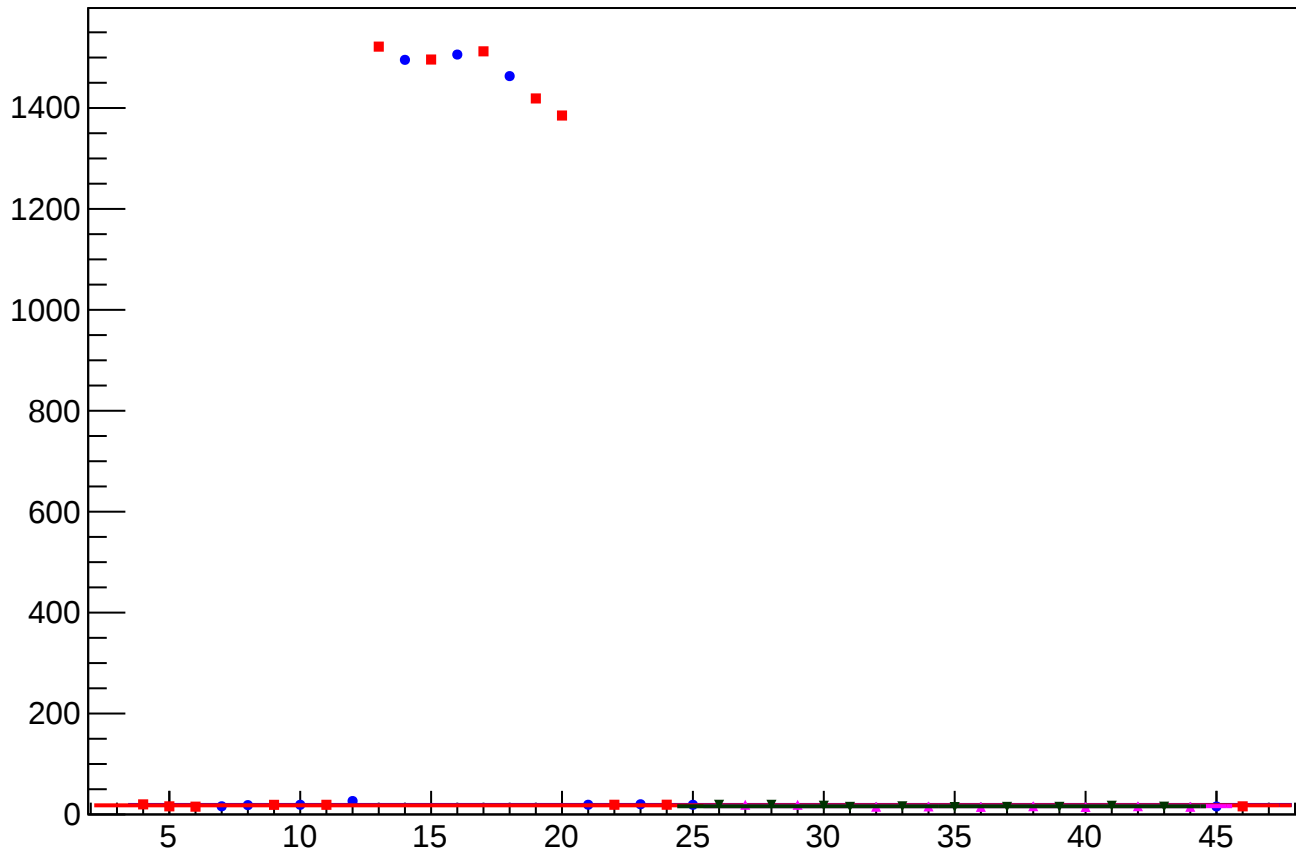
Right Out: -12.108 ± 8.855 $\chi^2/\text{NDF}: 7.6/12$

Left In: -12.005 ± 6.949 $\chi^2/\text{NDF}: 11.5/8$

-0.445 ± 5.484 $\chi^2/\text{NDF}: 18.0/20$

-12.044 ± 5.467 $\chi^2/\text{NDF}: 19.1/21$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 18.824+/-0.006 χ^2/NDF : 4778574.8/10

Left Out: 16.220+/-0.005 χ^2/NDF : 97219.6/9

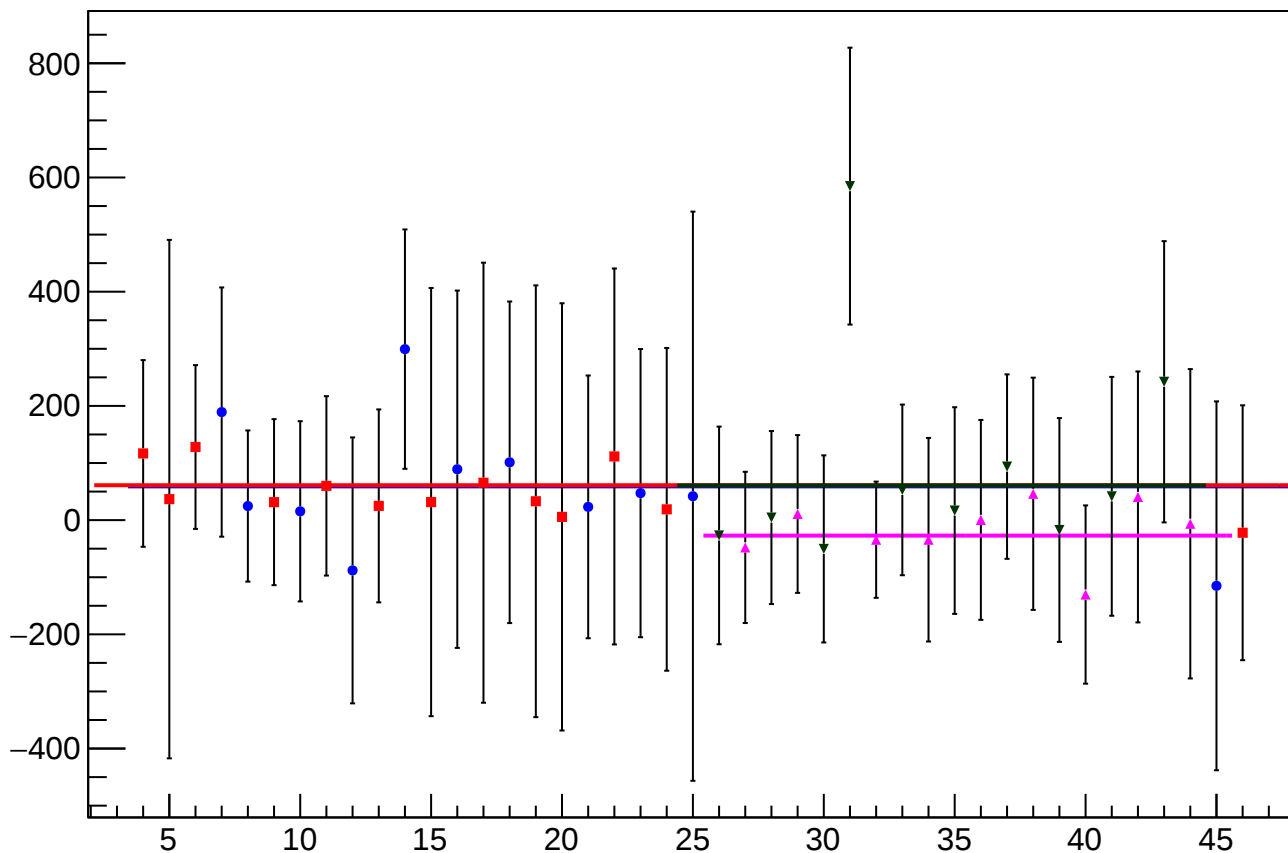
Right Out: 18.087+/-0.006 χ^2/NDF : 5467173.4/12

Left In: 16.381+/-0.005 χ^2/NDF : 104335.4/8

17.248+/-0.004 χ^2/NDF : 4983506.8/20

17.031+/-0.004 χ^2/NDF : 5617467.9/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 59.131+/-65.867 χ^2/NDF : 2.6/10

Left Out: 60.773+/-57.310 χ^2/NDF : 6.3/9

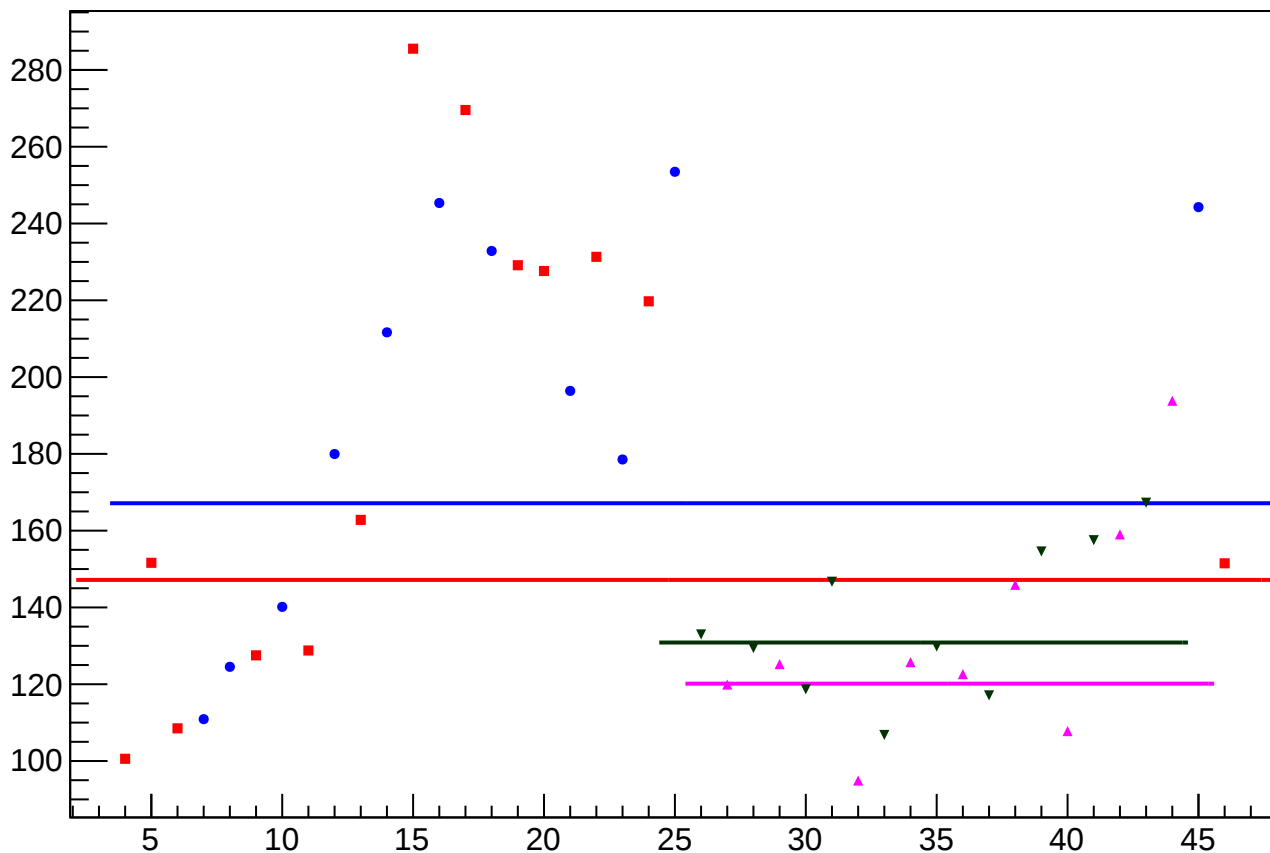
Right Out: 61.102+/-59.378 χ^2/NDF : 0.6/12

Left In: -27.106+/-52.008 χ^2/NDF : 0.8/8

60.066+/-43.235 χ^2/NDF : 8.9/20

11.187+/-39.123 χ^2/NDF : 2.7/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 167.140+/-0.047 χ^2/NDF : 939313.3/10

Left Out: 130.861+/-0.041 χ^2/NDF :192101.4/9

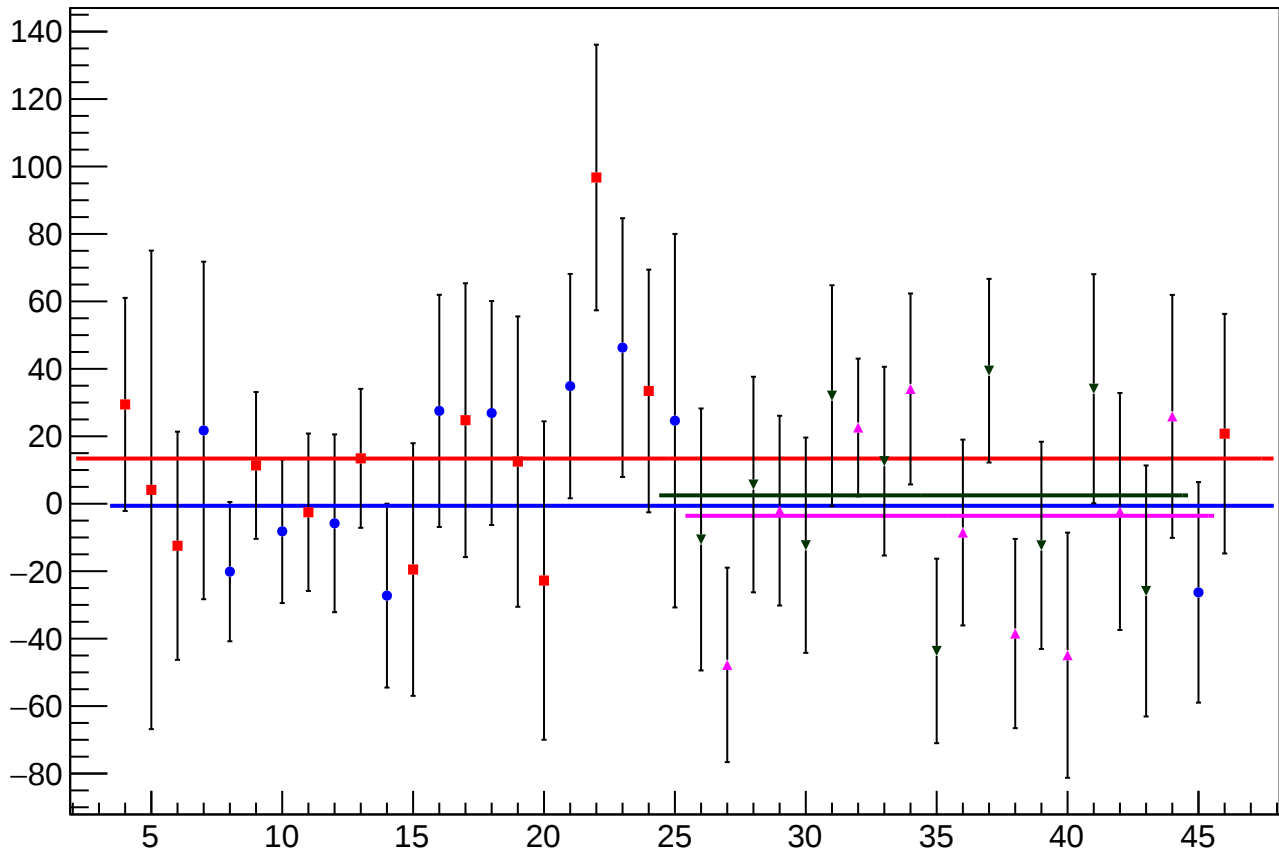
146.492+/-0.031 χ^2/NDF : 1476722.7/20

Right Out: 147.170+/-0.042 χ^2/NDF : 1313166.7/12

131.878+/-0.028 χ^2/NDF : 1930837.1/21

Left In: 120.147+/-0.037 χ^2/NDF :383255.1/8

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: -0.608 ± 9.005 $\chi^2/\text{NDF}: 7.0/10$

Left Out: 2.482 ± 9.918 $\chi^2/\text{NDF}: 7.7/9$

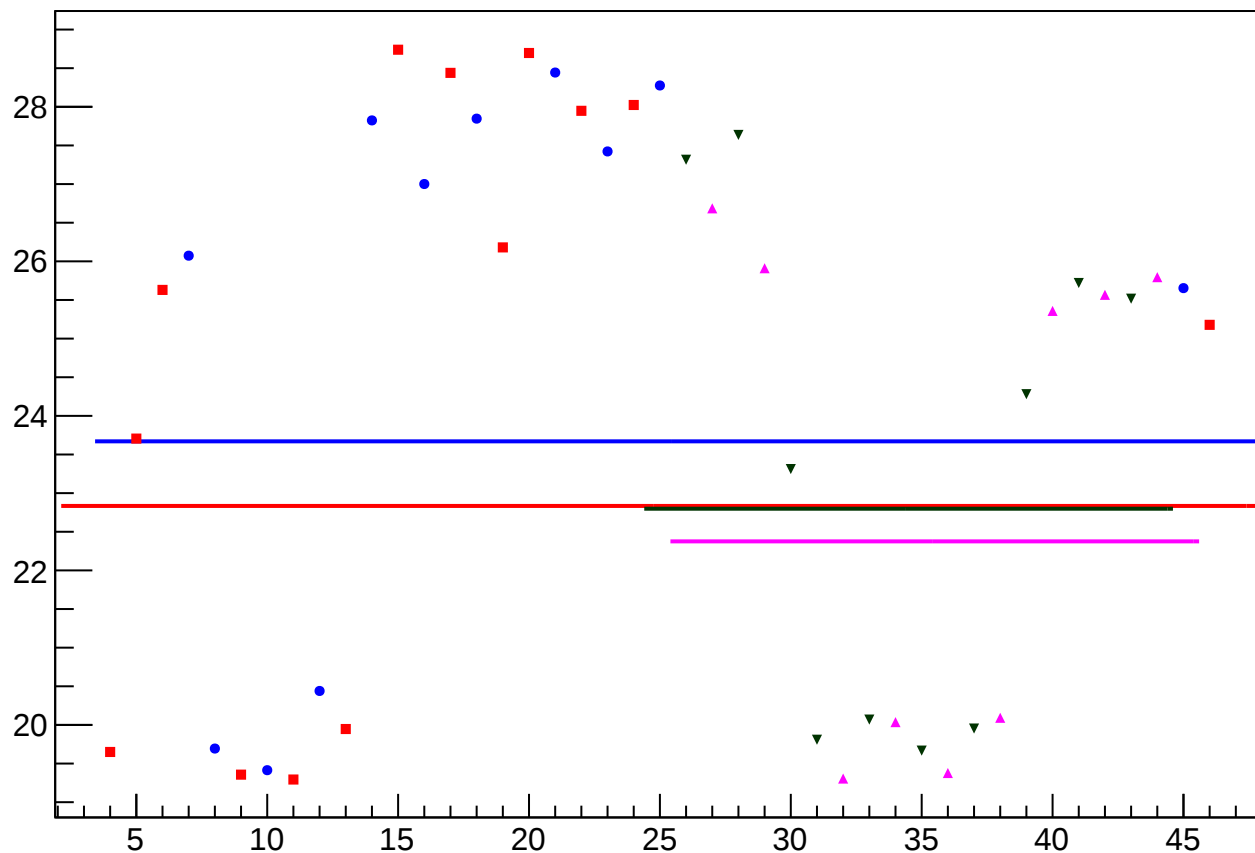
Right Out: 13.403 ± 8.808 $\chi^2/\text{NDF}: 7.6/12$

Left In: -3.573 ± 9.519 $\chi^2/\text{NDF}: 9.3/8$

0.788 ± 6.667 $\chi^2/\text{NDF}: 14.7/20$

5.573 ± 6.465 $\chi^2/\text{NDF}: 18.6/21$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.670 $\pm$ 0.006 χ^2 /NDF: 367125.7/10

Left Out: 22.798 $\pm$ 0.007 χ^2 /NDF:187251.4/9

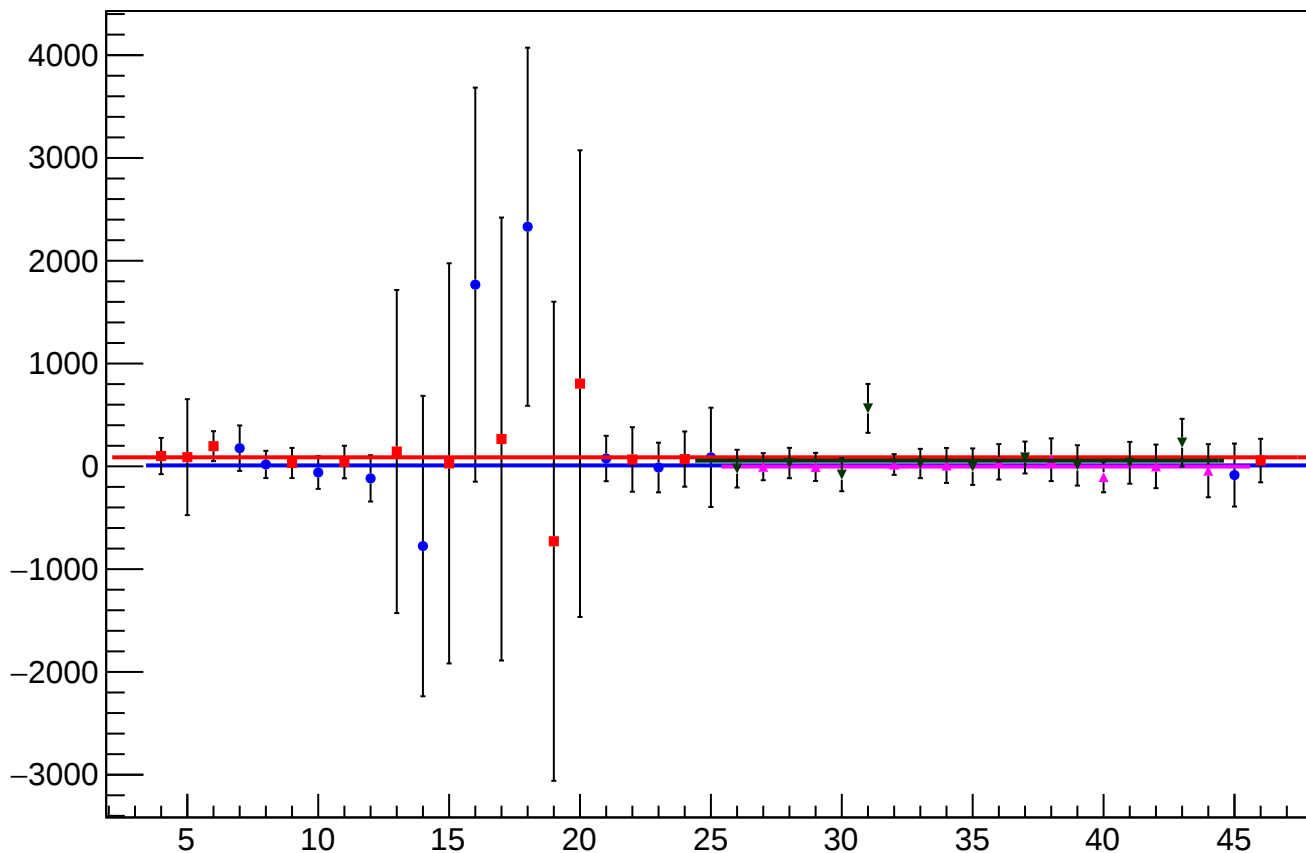
Right Out: 22.834 $\pm$ 0.006 χ^2 /NDF: 385359.5/12

Left In: 22.376 $\pm$ 0.007 χ^2 /NDF:220033.6/8

23.276 $\pm$ 0.005 χ^2 /NDF: 562850.3/20

22.623 $\pm$ 0.005 χ^2 /NDF: 607894.8/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 9.090+/-72.547 χ^2/NDF : 4.2/10

Left Out: 55.403+/-55.677 χ^2/NDF : 6.3/9

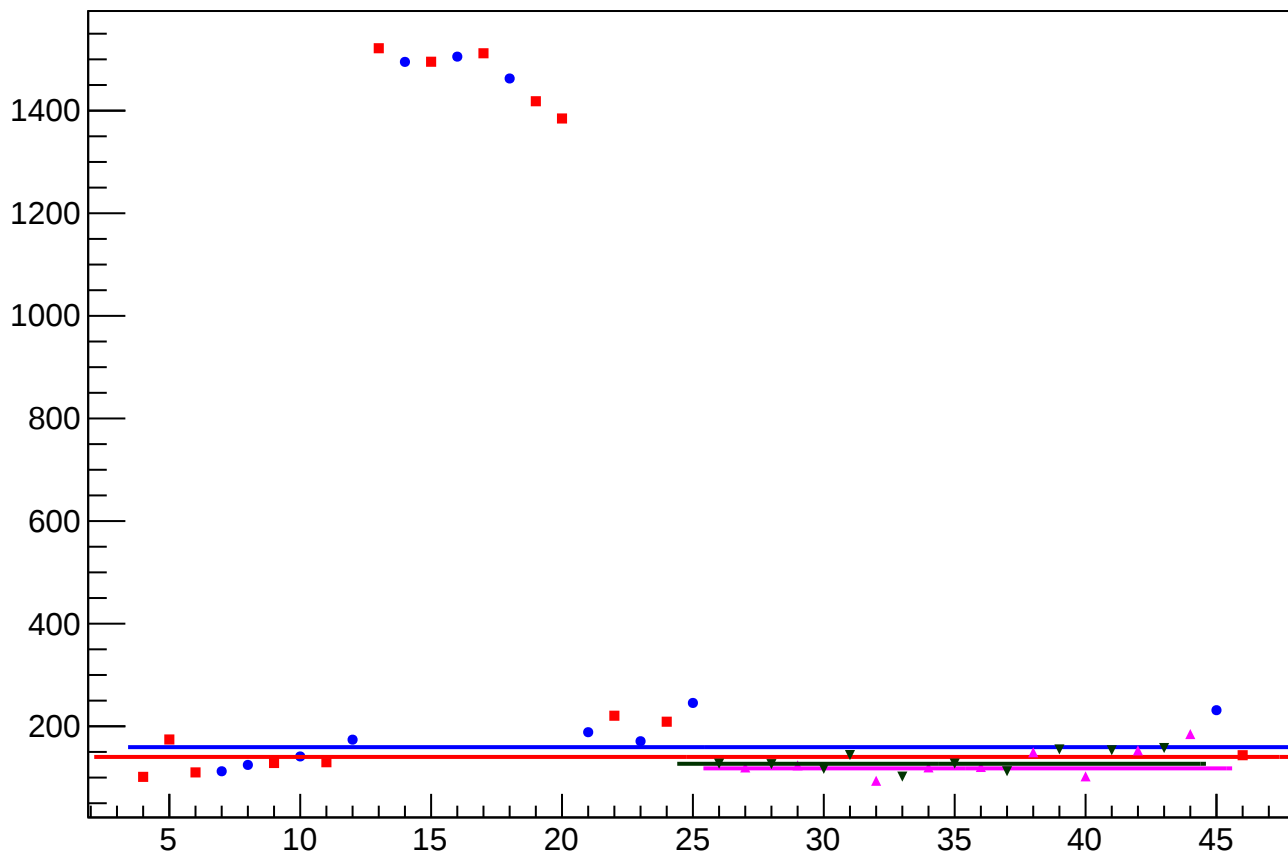
Right Out: 87.899+/-67.953 χ^2/NDF : 1.0/12

Left In: -2.215+/-51.031 χ^2/NDF : 0.7/8

38.236+/-44.169 χ^2/NDF : 10.8/20

30.280+/-40.806 χ^2/NDF : 2.9/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 159.332+/-0.051 χ^2/NDF : 4251679.9/10

Left Out: 126.898+/-0.039 χ^2/NDF : 206102.9/9

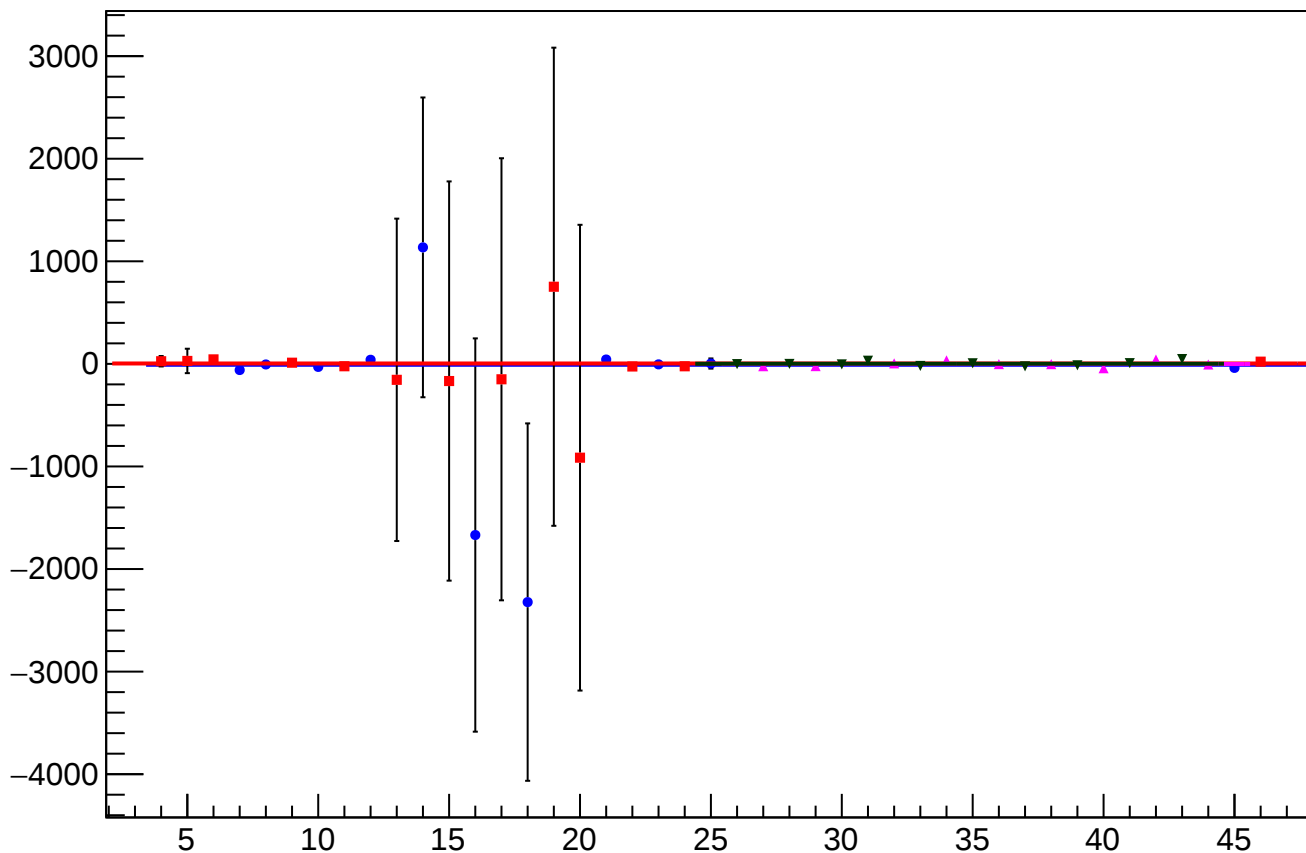
Right Out: 140.254+/-0.048 χ^2/NDF : 5002304.0/12

Left In: 117.943+/-0.036 χ^2/NDF : 376971.8/8

138.921+/-0.031 χ^2/NDF : 4709350.2/20

125.989+/-0.029 χ^2/NDF : 5517134.6/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -8.859+/-11.411 χ^2/NDF : 10.5/10

Left Out: 1.170+/-9.255 χ^2/NDF : 5.3/9

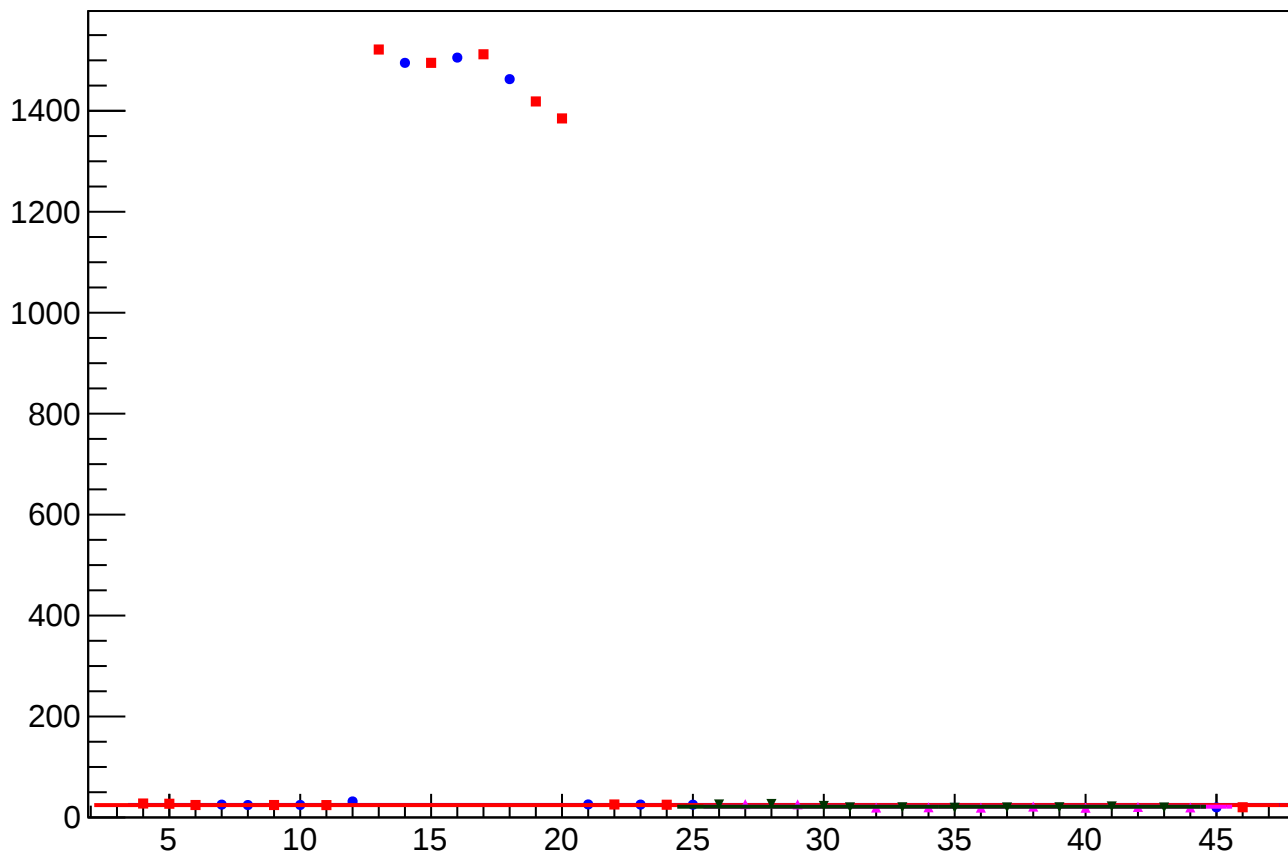
Right Out: 3.847+/-12.146 χ^2/NDF : 4.7/12

Left In: -1.613+/-9.046 χ^2/NDF : 7.3/8

-2.809+/-7.188 χ^2/NDF : 16.3/20

0.335+/-7.255 χ^2/NDF : 12.1/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 24.779+/-0.008 χ^2 /NDF: 4711938.3/10

Left Out: 21.296+/-0.007 χ^2 /NDF:129006.6/9

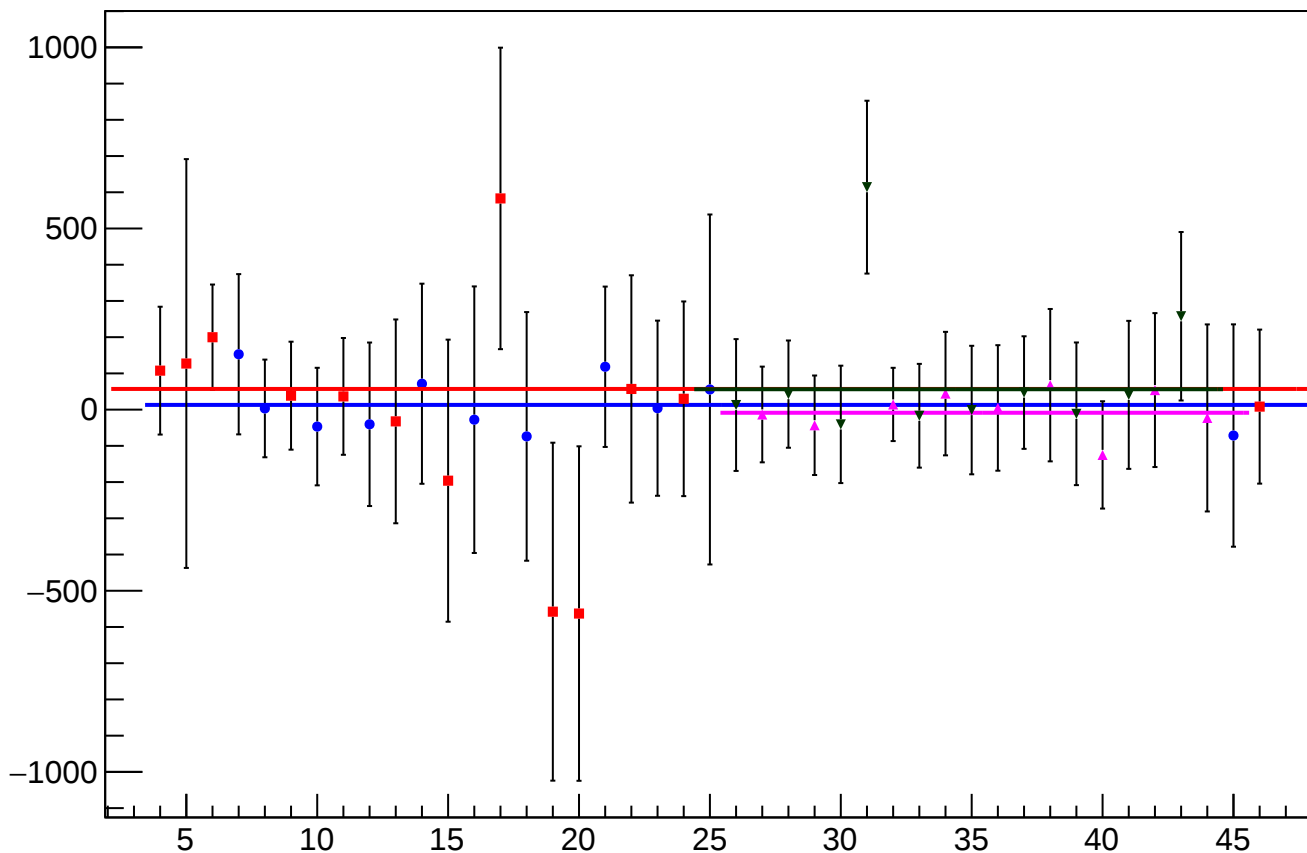
Right Out: 24.490+/-0.009 χ^2 /NDF: 5400851.8/12

Left In: 21.307+/-0.006 χ^2 /NDF:159863.8/8

22.678+/-0.005 χ^2 /NDF: 4953330.0/20

22.443+/-0.005 χ^2 /NDF: 5649093.5/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 13.047+/-68.279 χ^2/NDF : 1.0/10

Left Out: 56.309+/-55.753 χ^2/NDF : 7.1/9

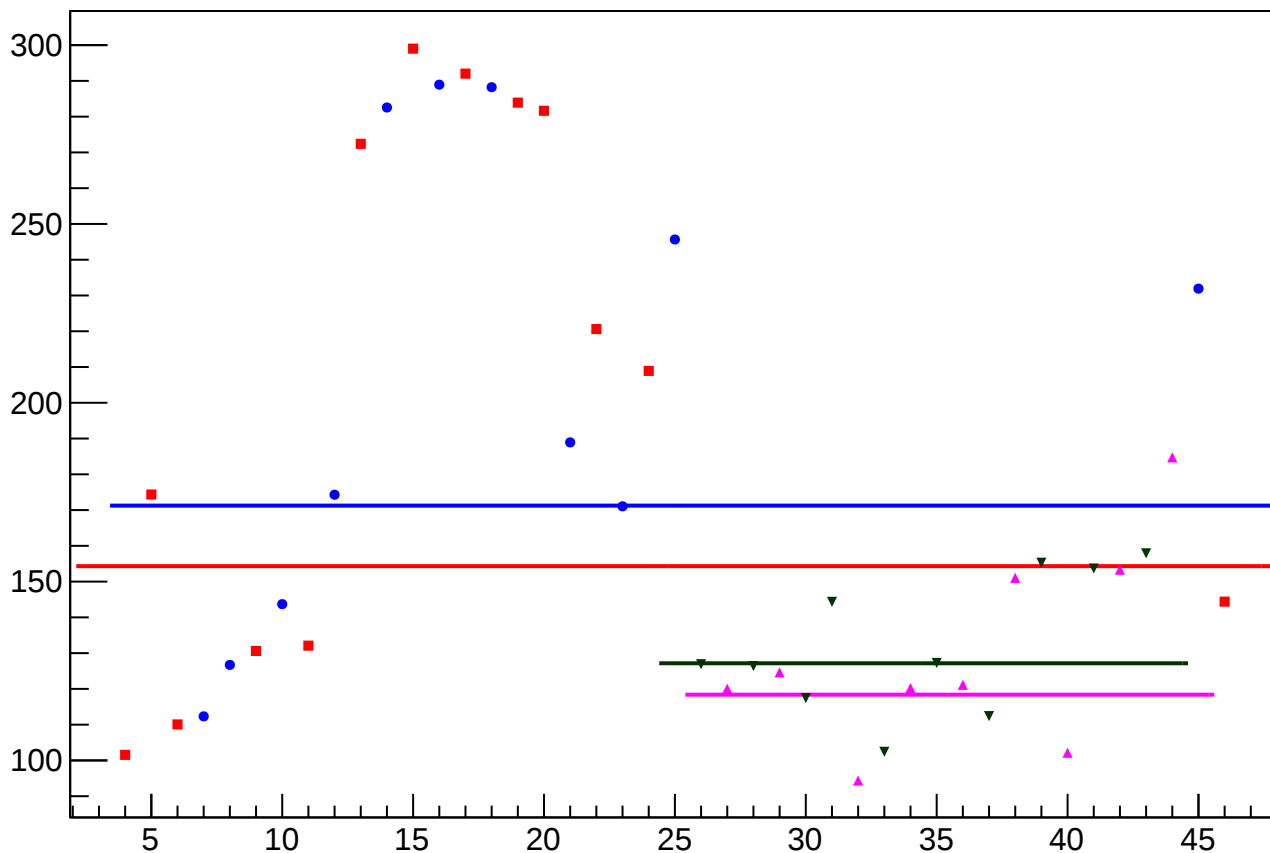
Right Out: 57.105+/-63.701 χ^2/NDF : 6.8/12

Left In: -8.655+/-51.217 χ^2/NDF : 1.1/8

39.003+/-43.185 χ^2/NDF : 8.4/20

17.164+/-39.916 χ^2/NDF : 8.5/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 171.249 $\pm$ 0.048 χ^2 /NDF: 1318503.1/10

Left Out: 127.165 $\pm$ 0.039 χ^2 /NDF:204883.4/9

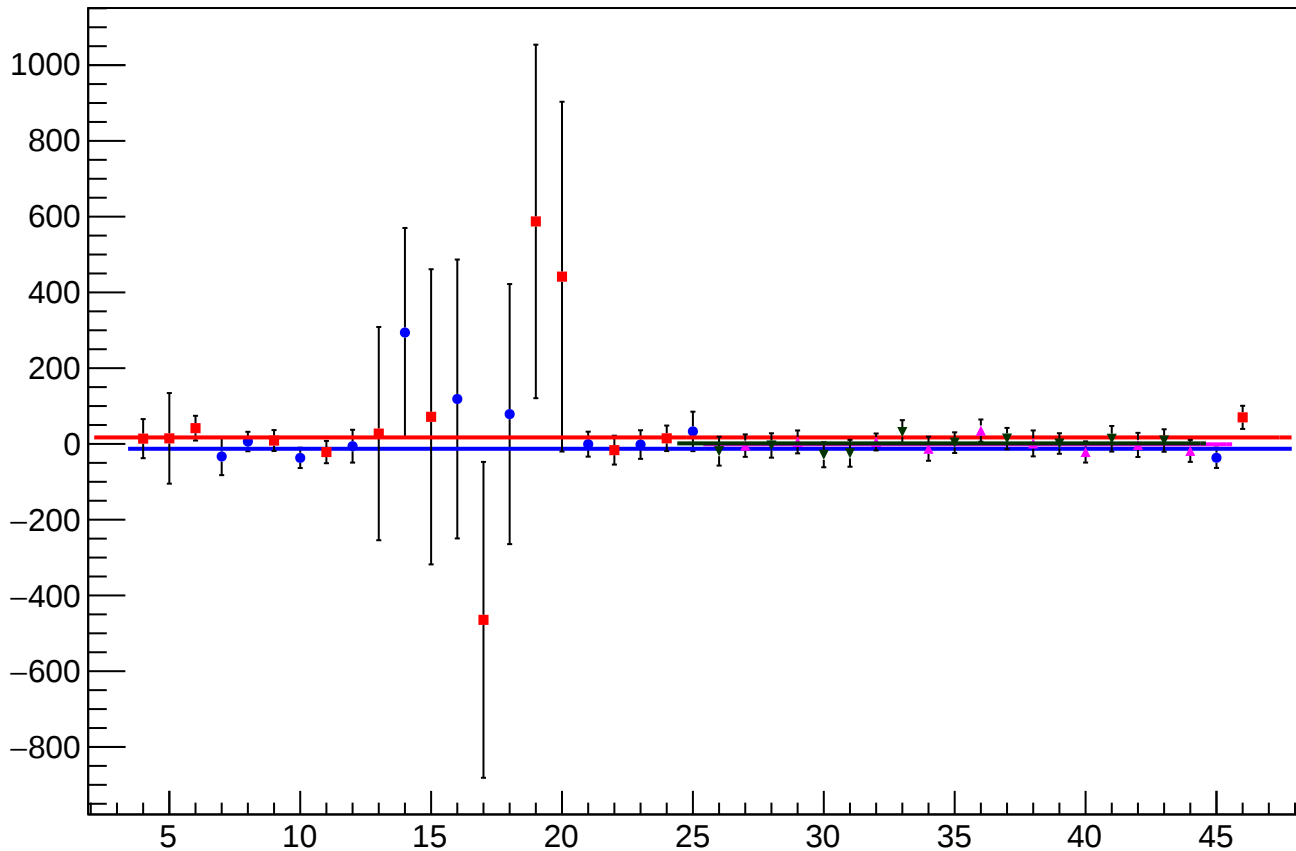
144.800 $\pm$ 0.031 χ^2 /NDF: 2023587.1/20

Right Out: 154.320 $\pm$ 0.045 χ^2 /NDF: 1785321.4/12

132.496 $\pm$ 0.028 χ^2 /NDF: 2548262.4/21

Left In: 118.387 $\pm$ 0.036 χ^2 /NDF:376424.8/8

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.801 ± 11.744 χ^2/NDF : 4.8/10

Left Out: 1.423 ± 9.824 χ^2/NDF : 3.0/9

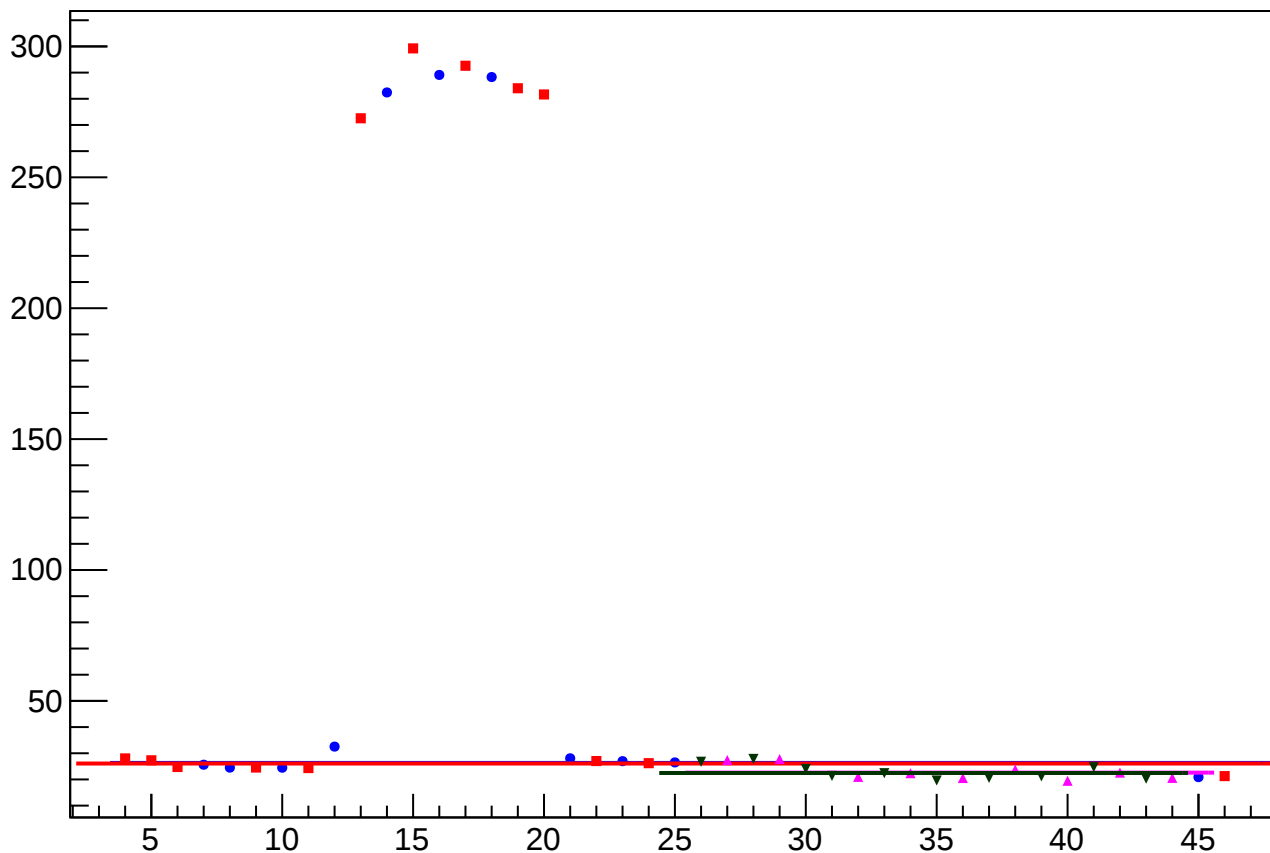
Right Out: 17.157 ± 12.385 χ^2/NDF : 9.8/12

Left In: -1.028 ± 9.666 χ^2/NDF : 2.7/8

-4.433 ± 7.535 χ^2/NDF : 8.6/20

5.856 ± 7.620 χ^2/NDF : 13.9/21

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.308+/-0.008 χ^2/NDF : 4054148.5/10

Left Out: 22.469+/-0.007 χ^2/NDF :142902.0/9

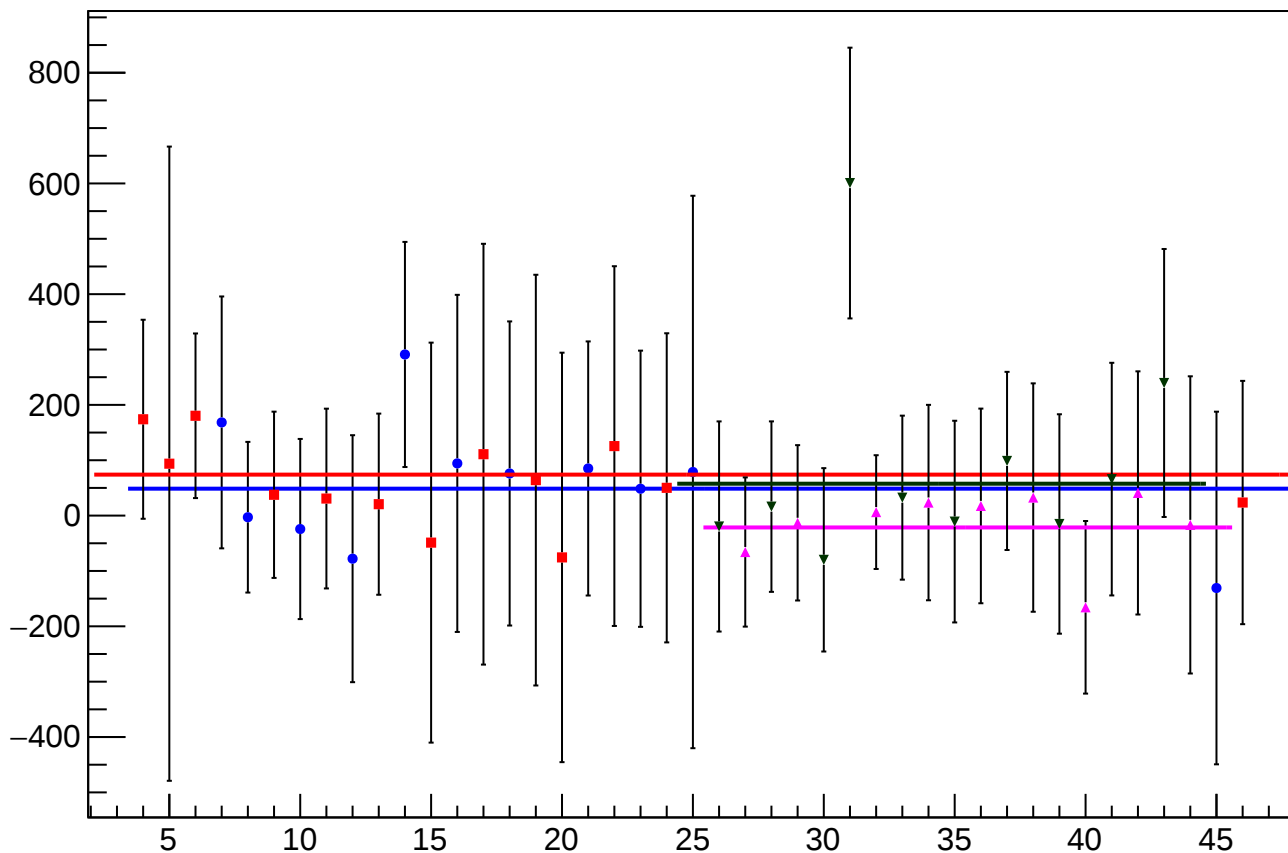
Right Out: 26.080+/-0.009 χ^2/NDF : 4628092.8/12

Left In: 22.600+/-0.007 χ^2/NDF :168139.0/8

24.049+/-0.005 χ^2/NDF : 4322783.7/20

23.917+/-0.005 χ^2/NDF : 4894340.5/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 48.624+/-66.177 χ^2/NDF : 2.7/10

Left Out: 57.595+/-57.484 χ^2/NDF : 6.8/9

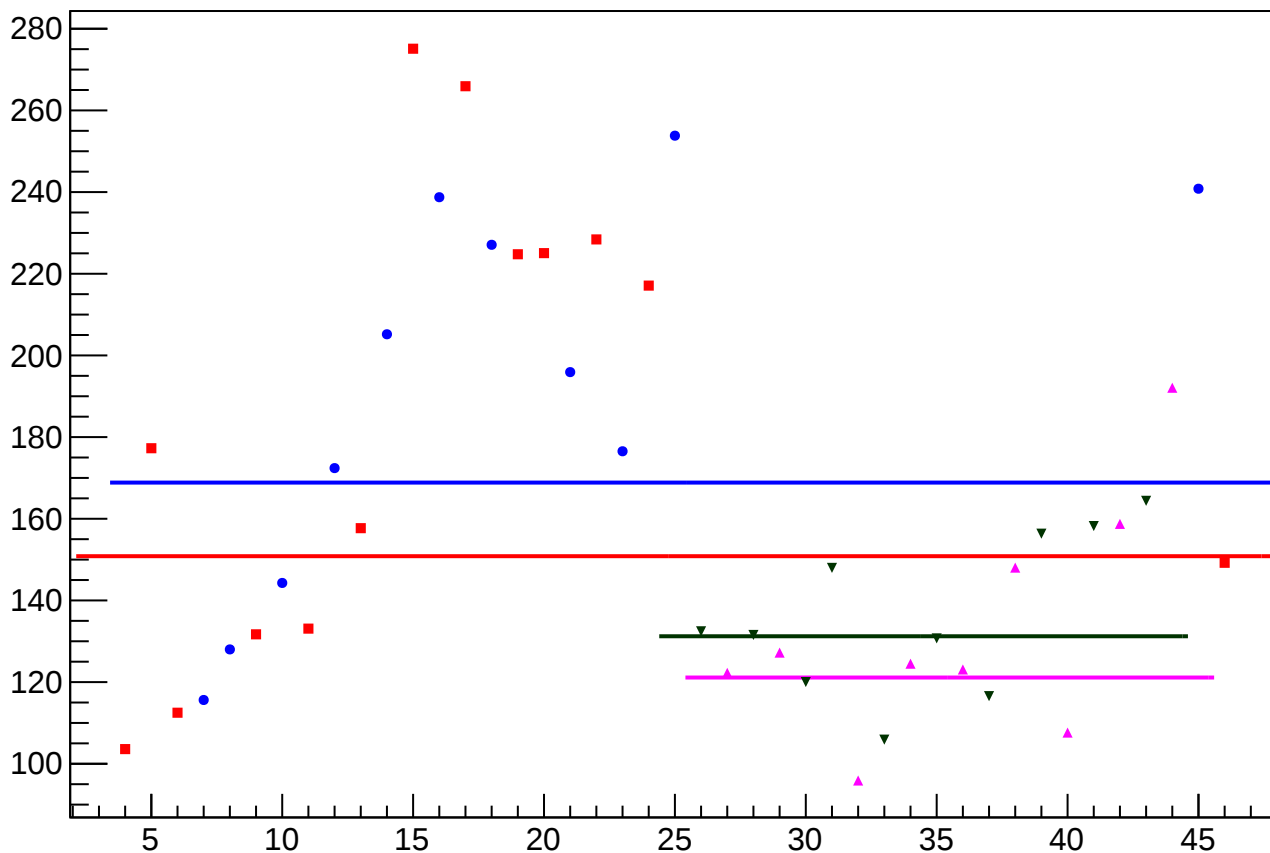
Right Out: 74.015+/-60.741 χ^2/NDF : 1.4/12

Left In: -21.418+/-52.393 χ^2/NDF : 1.3/8

53.737+/-43.398 χ^2/NDF : 9.5/20

19.295+/-39.673 χ^2/NDF : 4.2/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 168.861+/-0.047 χ^2/NDF : 784699.7/10

Left Out: 131.227+/-0.041 χ^2/NDF :196358.6/9

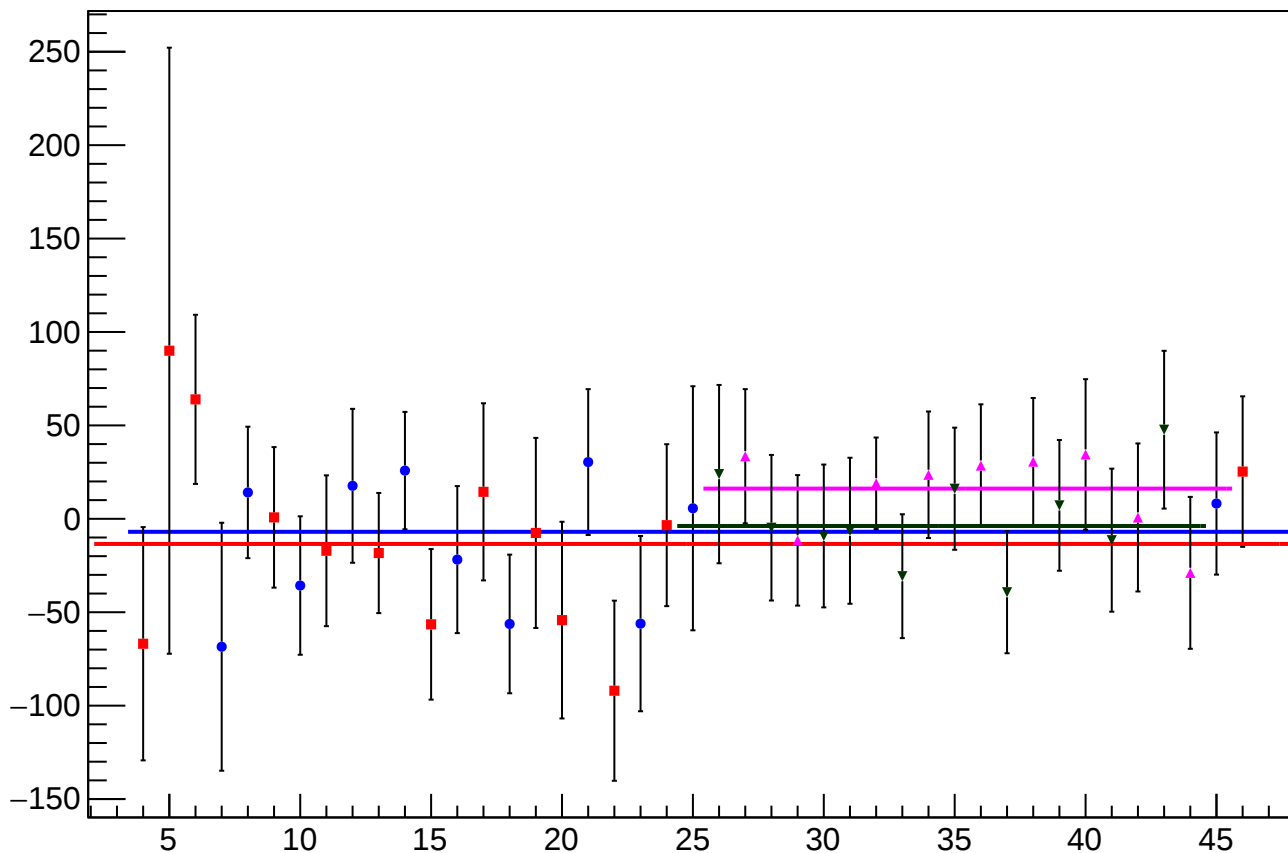
147.411+/-0.031 χ^2/NDF : 1349709.7/20

Right Out: 150.834+/-0.043 χ^2/NDF : 1141967.8/12

133.797+/-0.028 χ^2/NDF : 1789276.7/21

Left In: 121.121+/-0.037 χ^2/NDF :372893.0/8

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -6.962 ± 12.150 χ^2/NDF : 7.4/10

Left Out: -3.842 ± 11.719 χ^2/NDF : 4.2/9

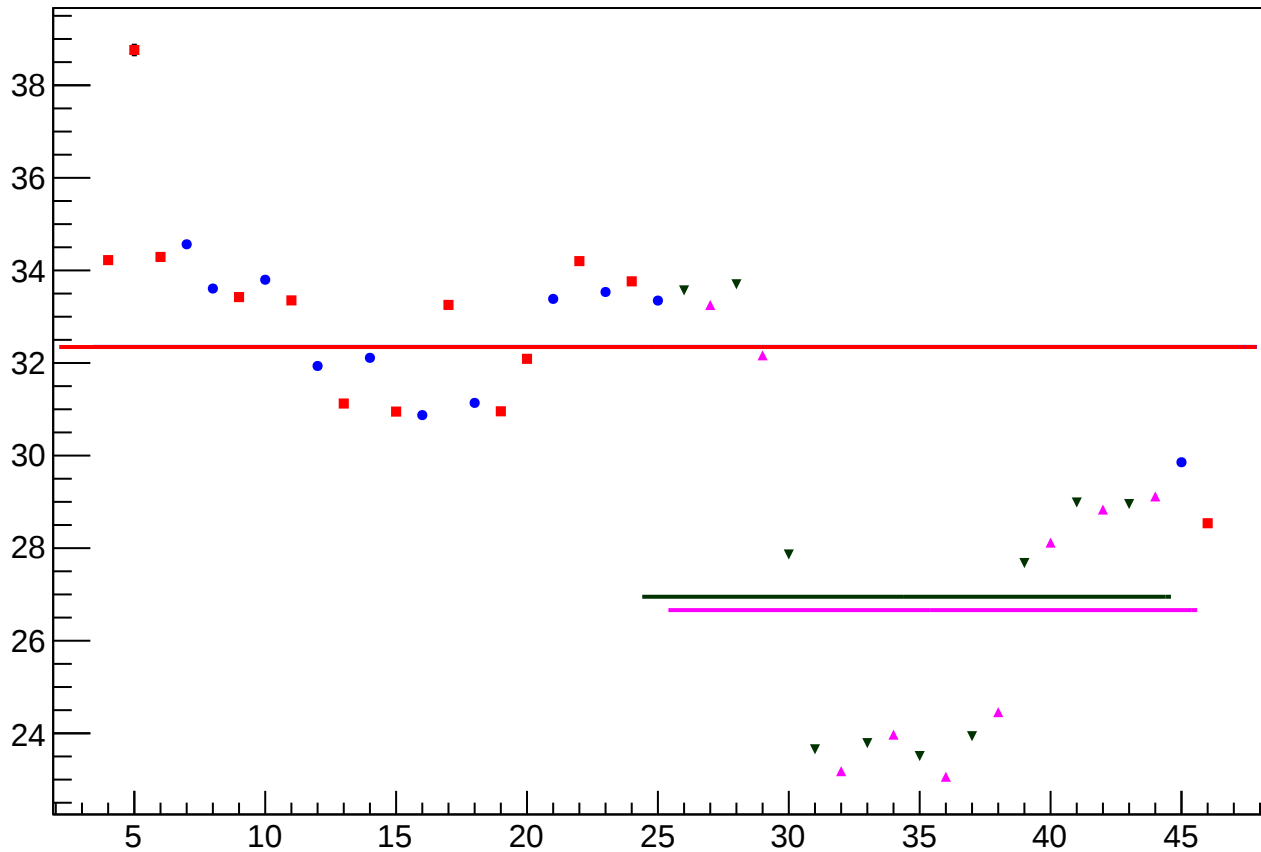
Right Out: -13.449 ± 12.444 χ^2/NDF : 10.0/12

Left In: 16.171 ± 11.335 χ^2/NDF : 2.8/8

-5.346 ± 8.435 χ^2/NDF : 11.6/20

2.740 ± 8.380 χ^2/NDF : 15.9/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 32.348 ± 0.009 $\chi^2/\text{NDF}: 24847.1/10$

Left Out: 26.950 ± 0.008 $\chi^2/\text{NDF}: 182300.2/9$

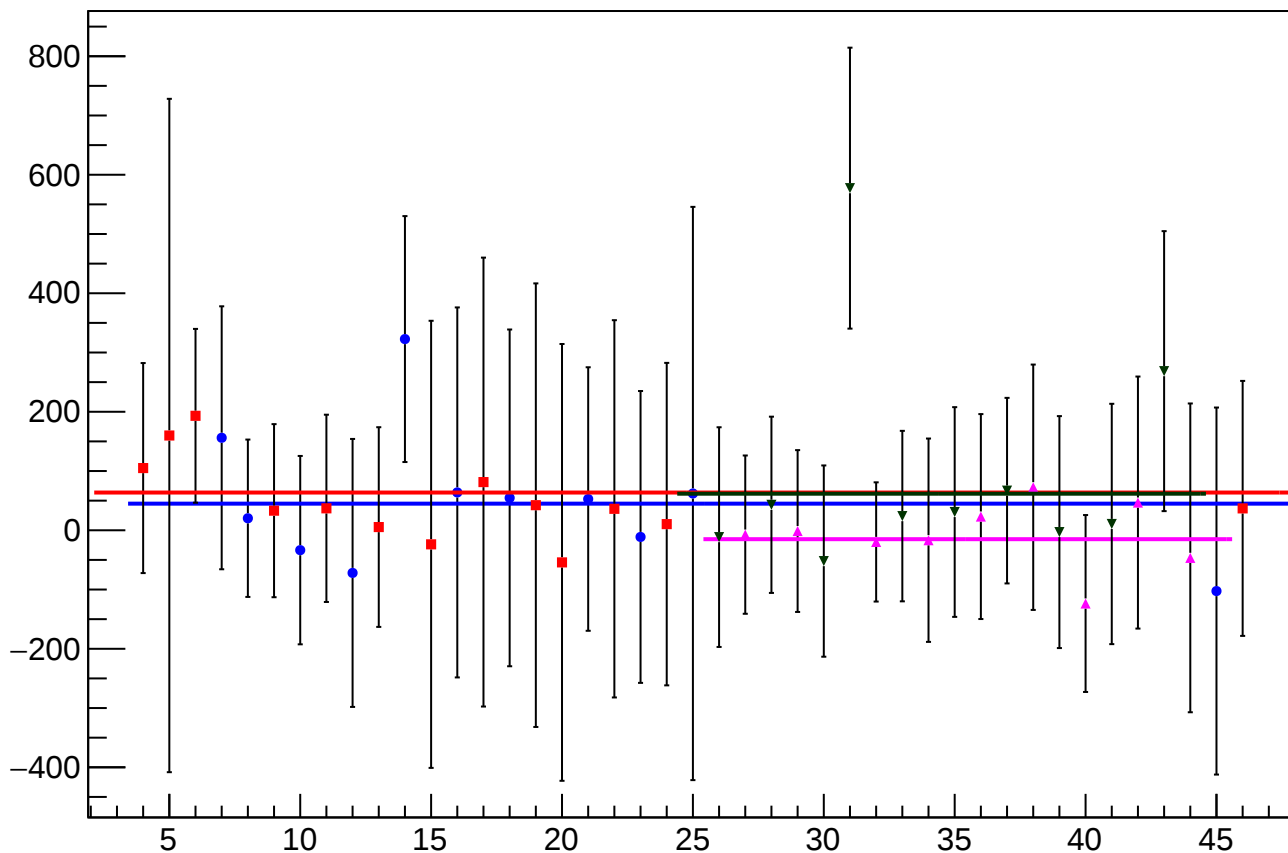
Right Out: 32.345 ± 0.009 $\chi^2/\text{NDF}: 42055.6/12$

Left In: 26.662 ± 0.008 $\chi^2/\text{NDF}: 218434.4/8$

29.552 ± 0.006 $\chi^2/\text{NDF}: 411623.6/20$

29.239 ± 0.006 $\chi^2/\text{NDF}: 488488.2/21$

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 44.938+/-65.450 χ^2/NDF : 2.9/10

Left Out: 61.733+/-55.913 χ^2/NDF : 6.4/9

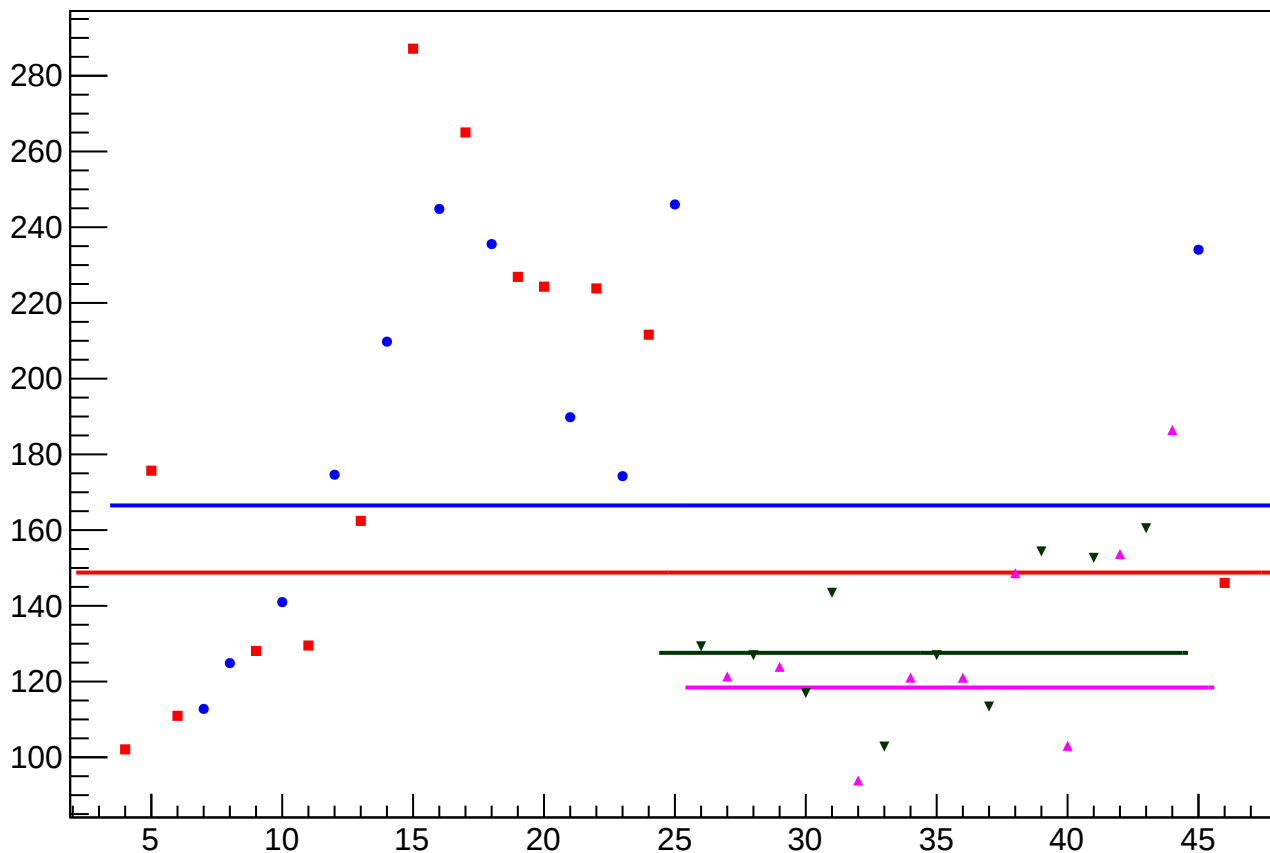
Right Out: 63.690+/-60.079 χ^2/NDF : 1.3/12

Left In: -15.022+/-51.235 χ^2/NDF : 0.9/8

54.648+/-42.512 χ^2/NDF : 9.4/20

18.119+/-38.985 χ^2/NDF : 3.1/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 166.513+/-0.046 χ^2/NDF : 872172.9/10

Left Out: 127.584+/-0.040 χ^2/NDF : 200343.9/9

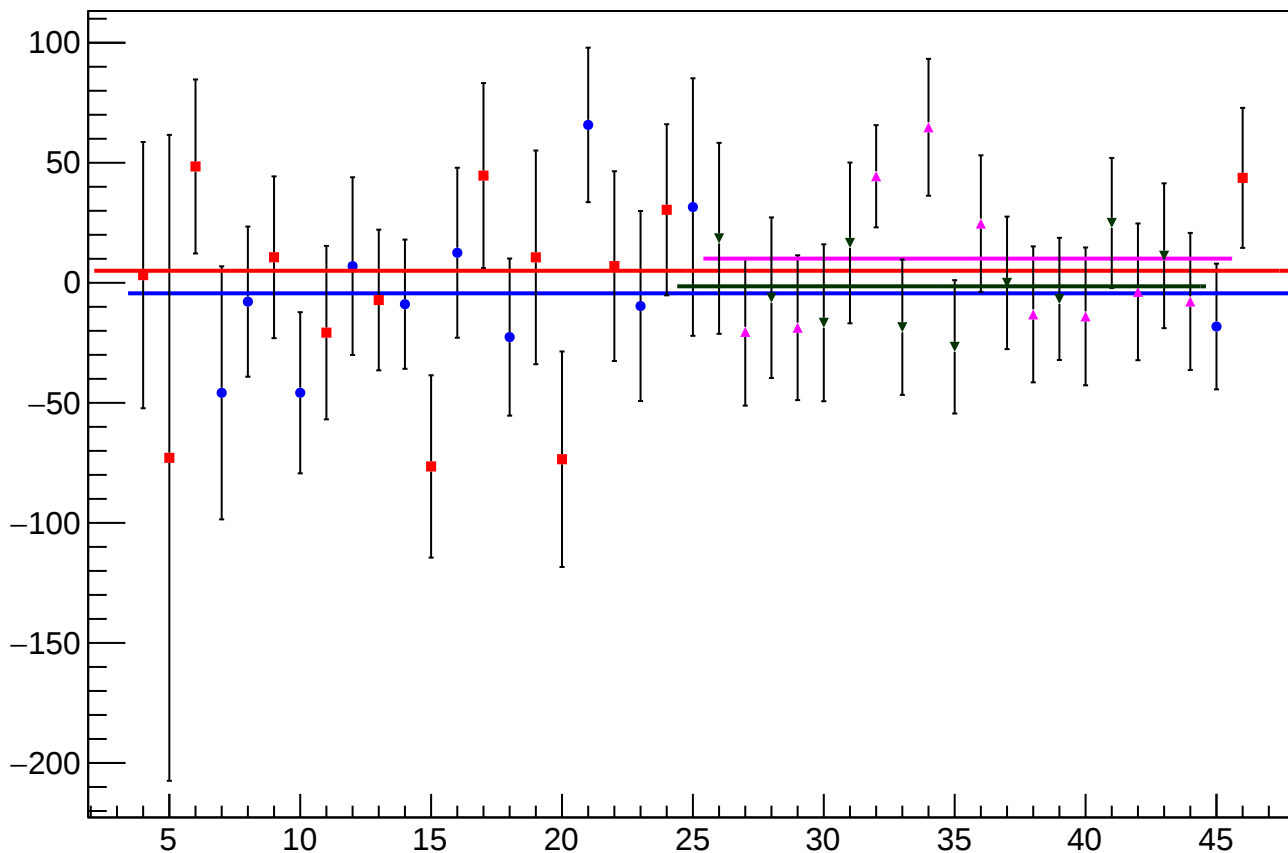
144.008+/-0.030 χ^2/NDF : 1481538.3/20

Right Out: 148.791+/-0.042 χ^2/NDF : 1205984.1/12

131.212+/-0.028 χ^2/NDF : 1881274.6/21

Left In: 118.429+/-0.036 χ^2/NDF : 379567.1/8

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -4.380 ± 10.247 χ^2/NDF : 8.3/10

Left Out: -1.457 ± 9.435 χ^2/NDF : 3.1/9

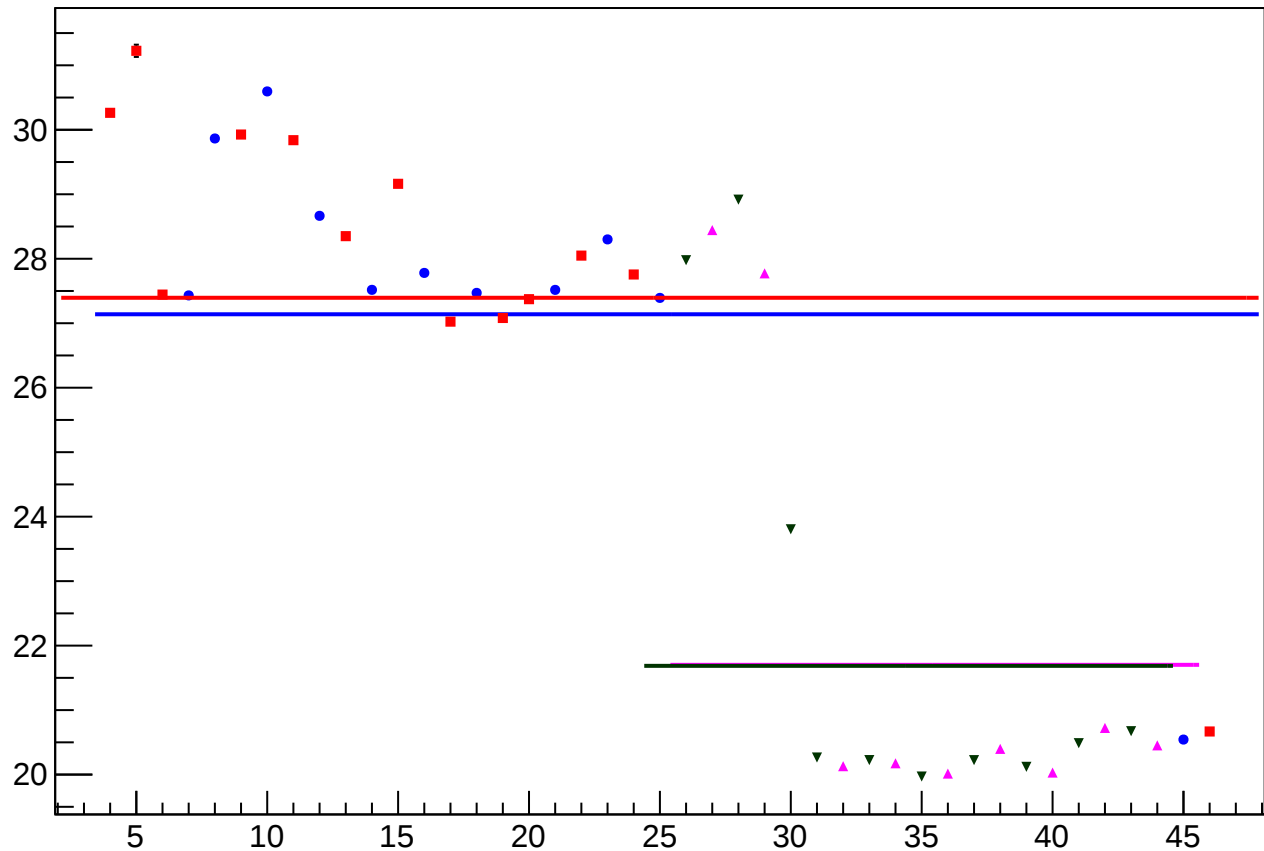
Right Out: 5.017 ± 10.584 χ^2/NDF : 13.5/12

Left In: 10.080 ± 9.225 χ^2/NDF : 10.4/8

-2.798 ± 6.941 χ^2/NDF : 11.5/20

7.894 ± 6.954 χ^2/NDF : 24.1/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 27.139+/-0.007 χ^2/NDF : 170052.7/10

Left Out: 21.686+/-0.007 χ^2/NDF : 187956.4/9

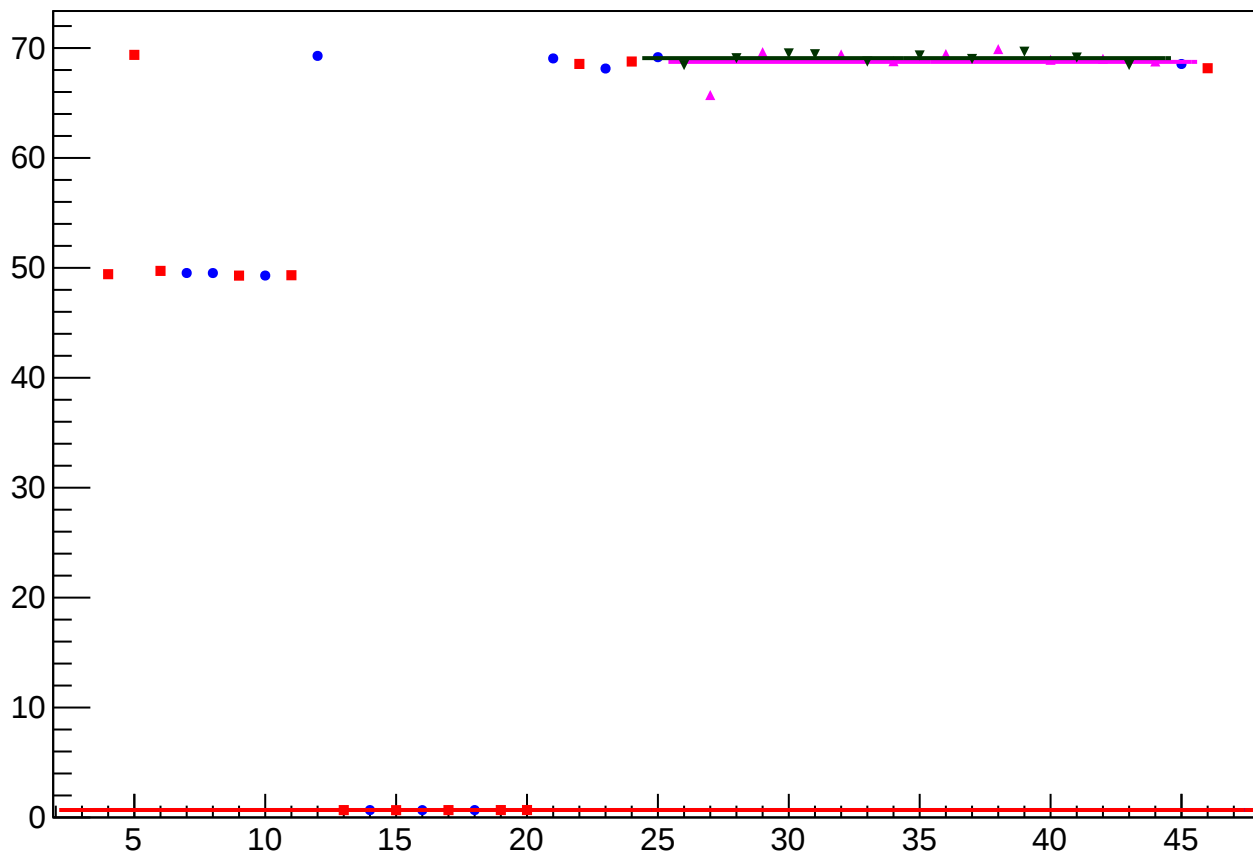
24.188+/-0.005 χ^2/NDF : 664456.8/20

Right Out: 27.395+/-0.007 χ^2/NDF : 141332.3/12

24.159+/-0.005 χ^2/NDF : 688409.1/21

Left In: 21.702+/-0.007 χ^2/NDF : 218285.8/8

yield_bcm_an_ds_mean vs slug



Right In: 0.679+/-0.000 χ^2/NDF : 557198391604.2/10

Left Out: 69.081+/-0.000 χ^2/NDF : 24626539.5/9

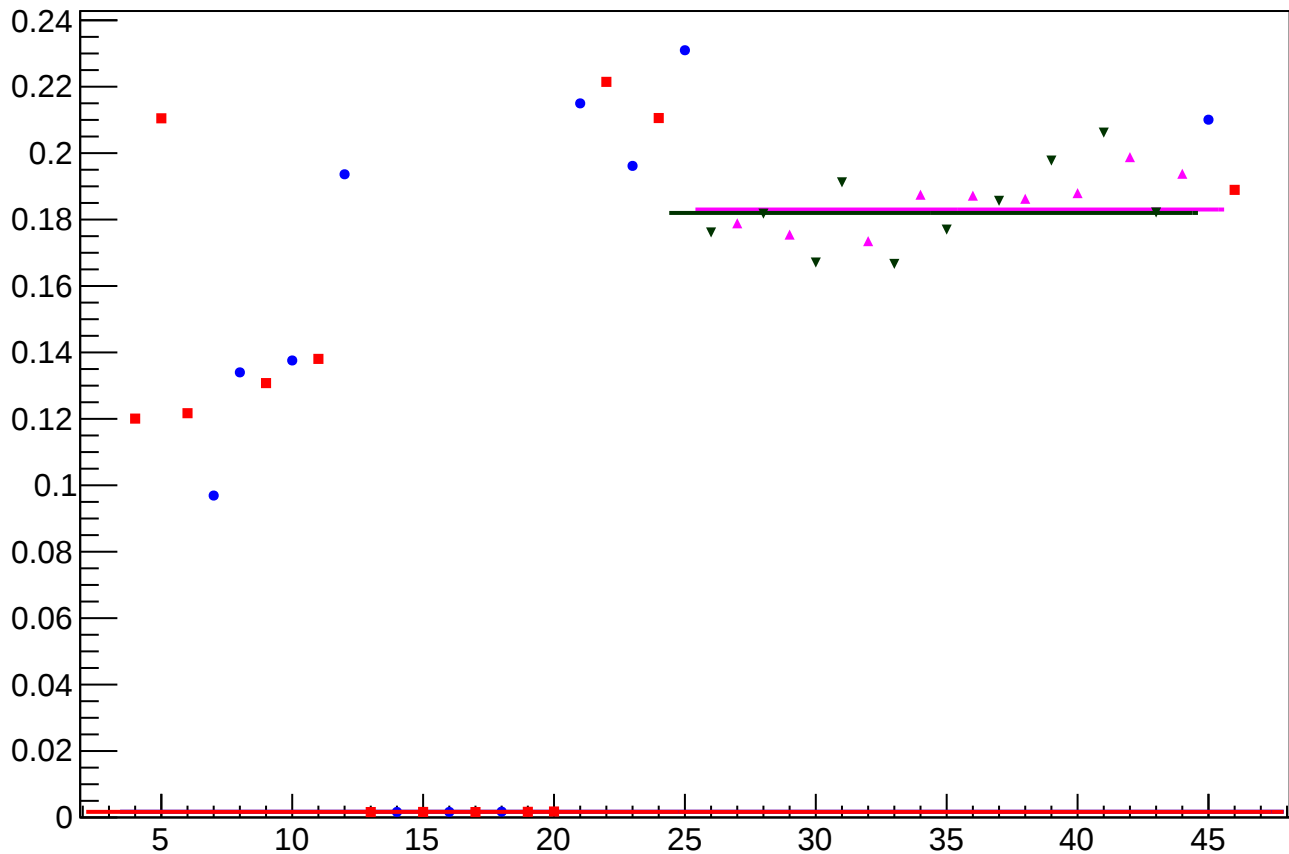
0.692+/-0.000 χ^2/NDF : 1286165572500.7/20

Right Out: 0.678+/-0.000 χ^2/NDF : 498345248293.4/12

0.689+/-0.000 χ^2/NDF : 1248537362523.7/21

Left In: 68.740+/-0.000 χ^2/NDF : 294550476.4/8

yield_bcm_an_ds_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 8823937.9/10

Left Out: 0.182 $\pm$ 0.000 χ^2 /NDF:43515.3/9

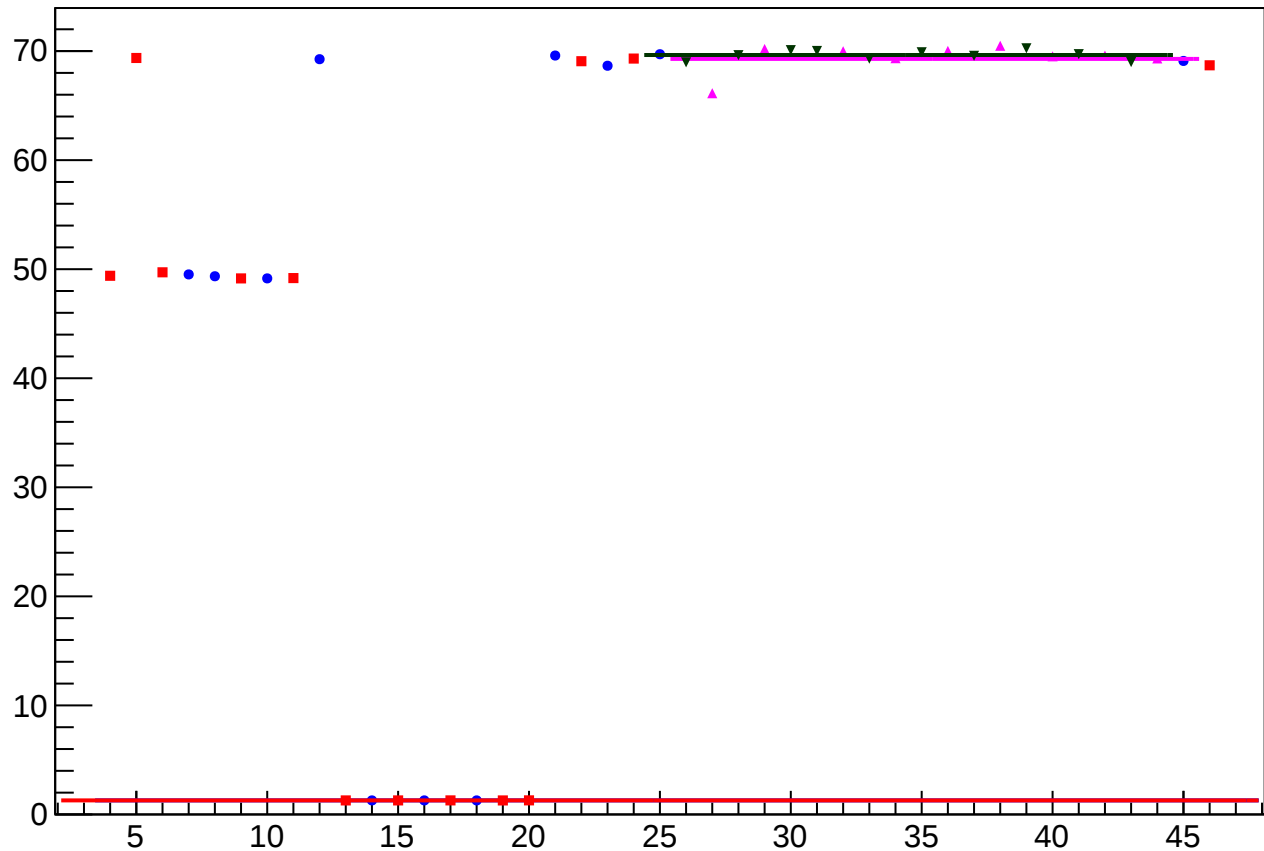
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 7581424.5/12

Left In: 0.183 $\pm$ 0.000 χ^2 /NDF:20451.6/8

0.002 $\pm$ 0.000 χ^2 /NDF: 18994015.6/20

0.002 $\pm$ 0.000 χ^2 /NDF: 18248553.5/21

yield_bcm_an_ds3_mean vs slug



Right In: 1.290+/-0.000 χ^2/NDF : 553280866779.3/10

Left Out: 69.640+/-0.000 χ^2/NDF : 25576787.7/9

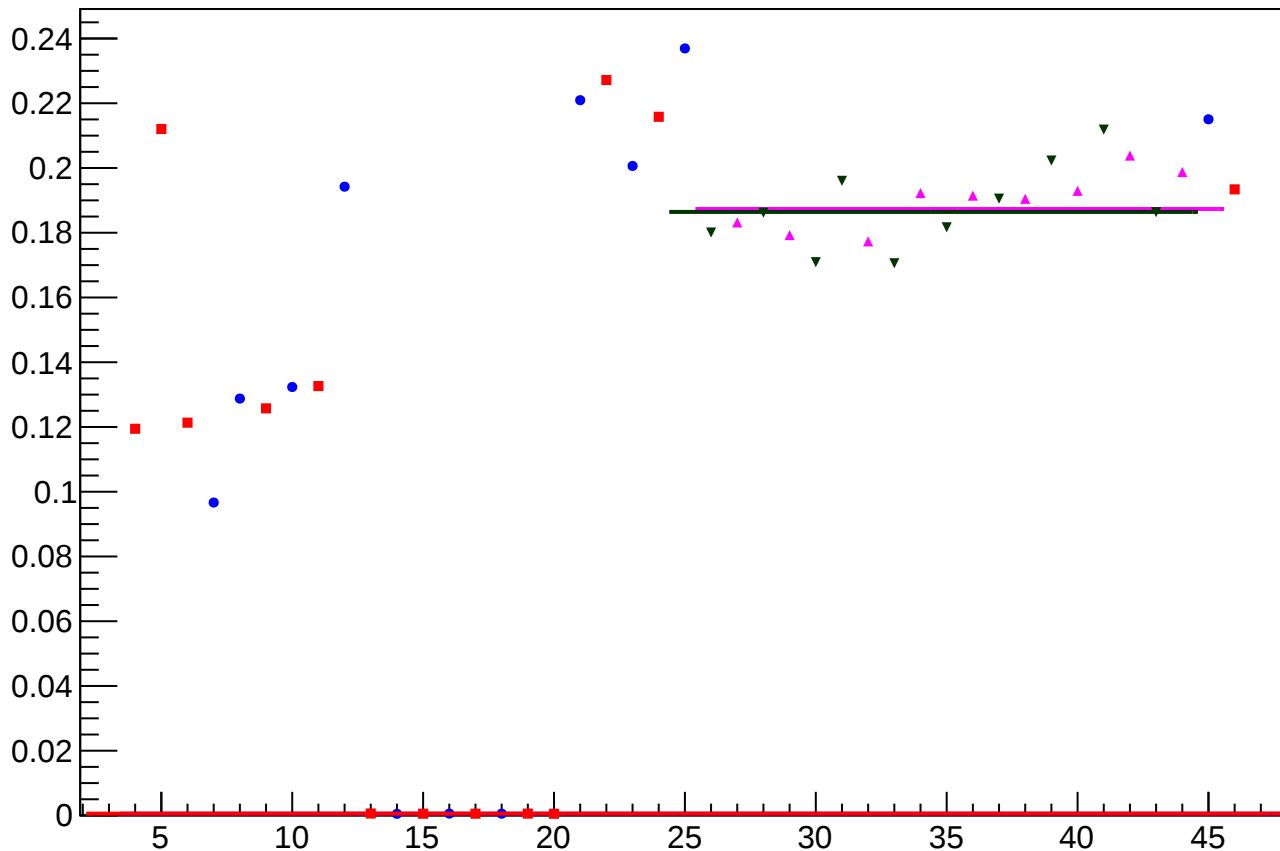
Right Out: 1.290+/-0.000 χ^2/NDF : 495851136512.9/12

Left In: 69.283+/-0.000 χ^2/NDF : 304578930.7/8

1.291+/-0.000 χ^2/NDF : 1246852492291.7/20

1.291+/-0.000 χ^2/NDF : 1210377627165.7/21

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 8968184.0/10

Left Out: 0.186+/-0.000 χ^2/NDF : 44561.5/9

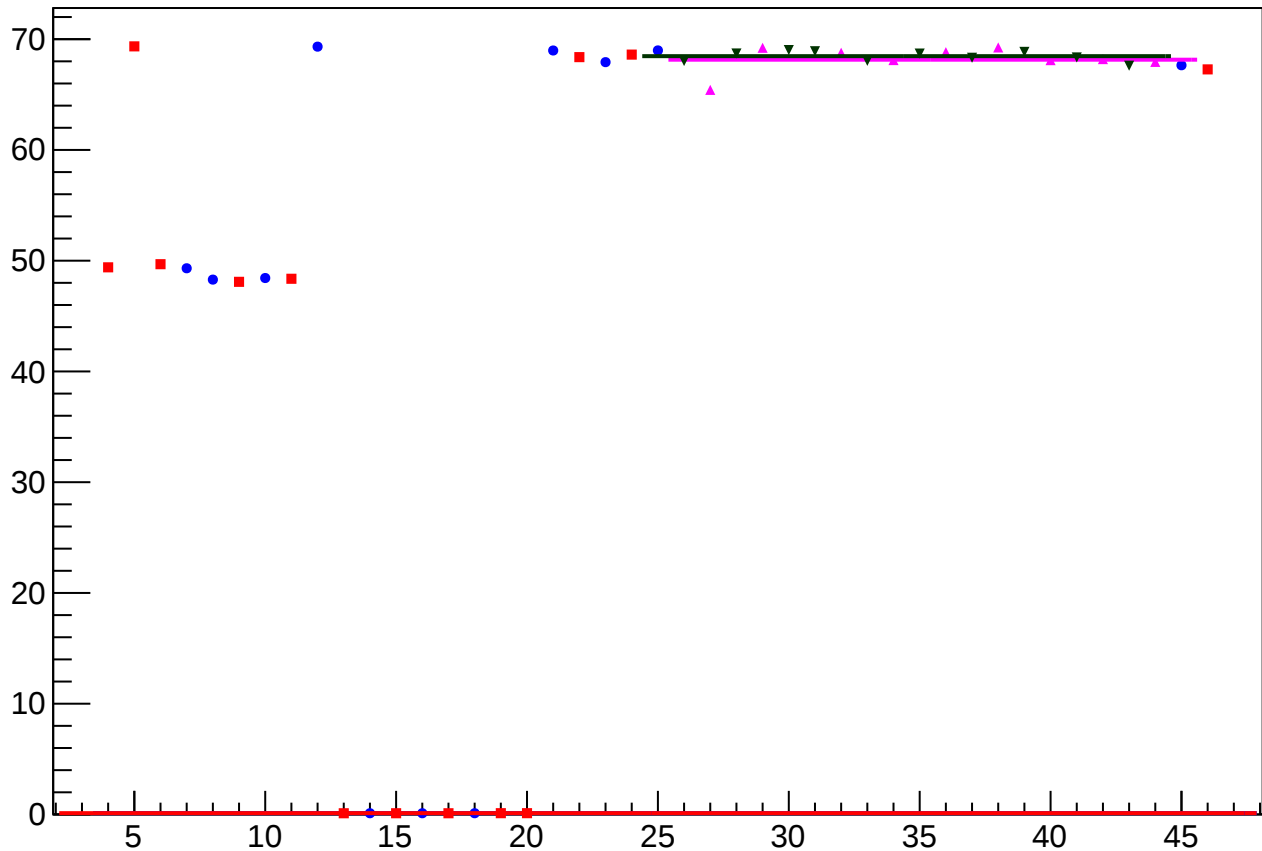
Right Out: 0.001+/-0.000 χ^2/NDF : 7698205.3/12

Left In: 0.187+/-0.000 χ^2/NDF : 21623.6/8

0.001+/-0.000 χ^2/NDF : 19274004.5/20

0.001+/-0.000 χ^2/NDF : 18498828.8/21

yield_bcm_an_us_mean vs slug



Right In: 0.120+/-0.000 χ^2/NDF : 580491414051.3/10

Left Out: 68.467+/-0.000 χ^2/NDF : 29247560.9/9

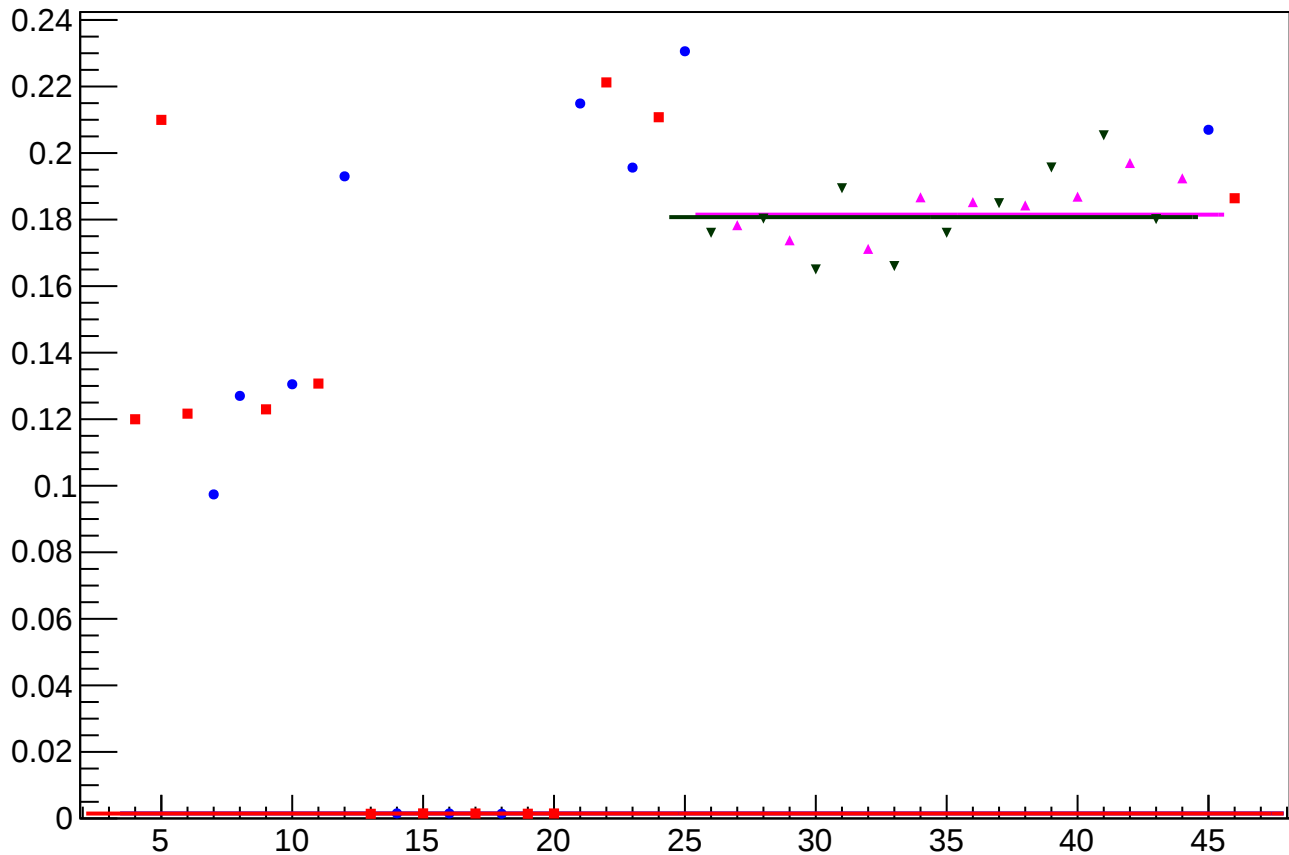
0.130+/-0.000 χ^2/NDF : 1317200596737.8/20

Right Out: 0.118+/-0.000 χ^2/NDF : 521644340224.0/12

0.126+/-0.000 χ^2/NDF : 1283616717489.2/21

Left In: 68.148+/-0.000 χ^2/NDF : 258150301.2/8

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 8834372.7/10

Left Out: 0.181 $\pm$ 0.000 χ^2 /NDF:43552.7/9

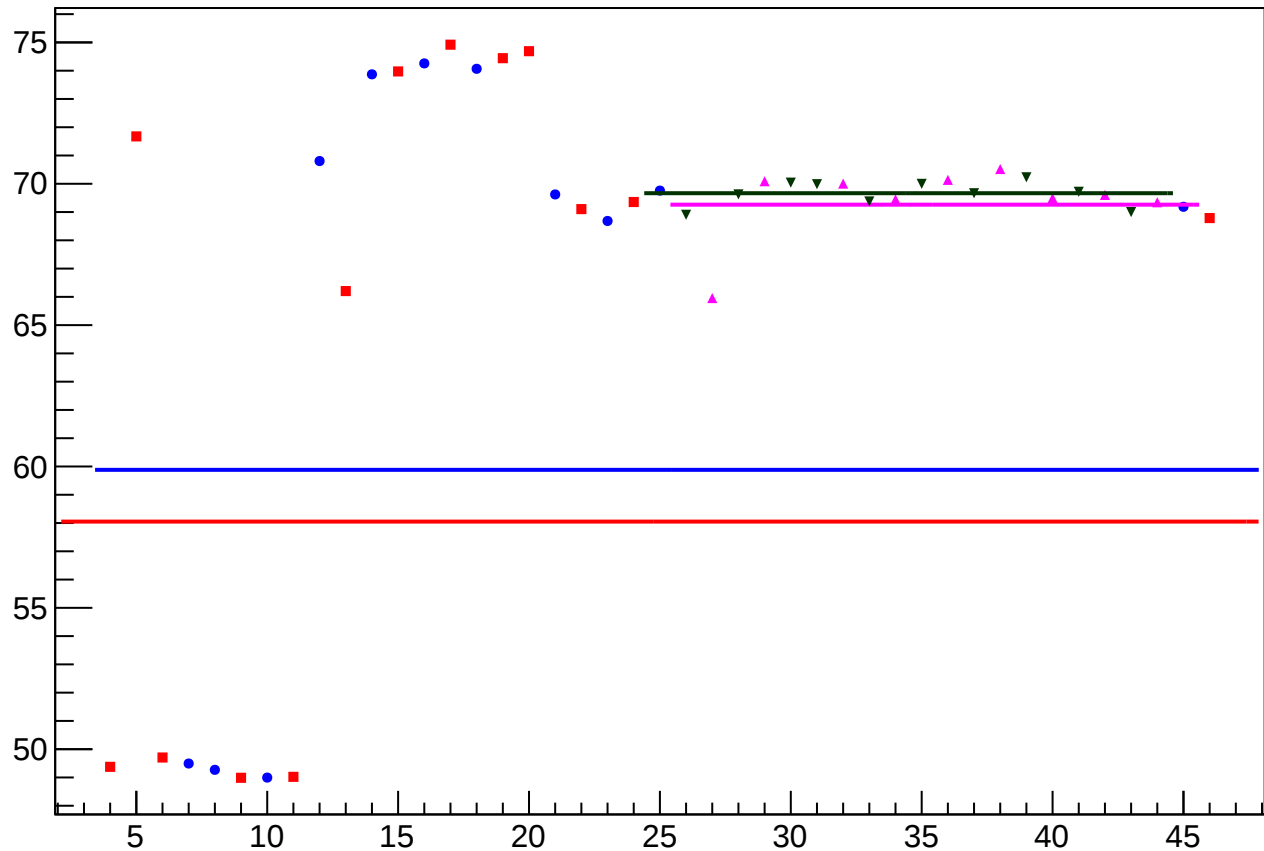
0.002 $\pm$ 0.000 χ^2 /NDF: 19009401.6/20

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 7595253.9/12

0.001 $\pm$ 0.000 χ^2 /NDF: 18283090.4/21

Left In: 0.181 $\pm$ 0.000 χ^2 /NDF:21535.2/8

yield_bcm_dg_us_mean vs slug



Right In: 59.881 $\pm$ 0.000 χ^2/NDF : 28276418399.2/10

Left Out: 69.667 $\pm$ 0.000 χ^2/NDF : 24128815.3/9

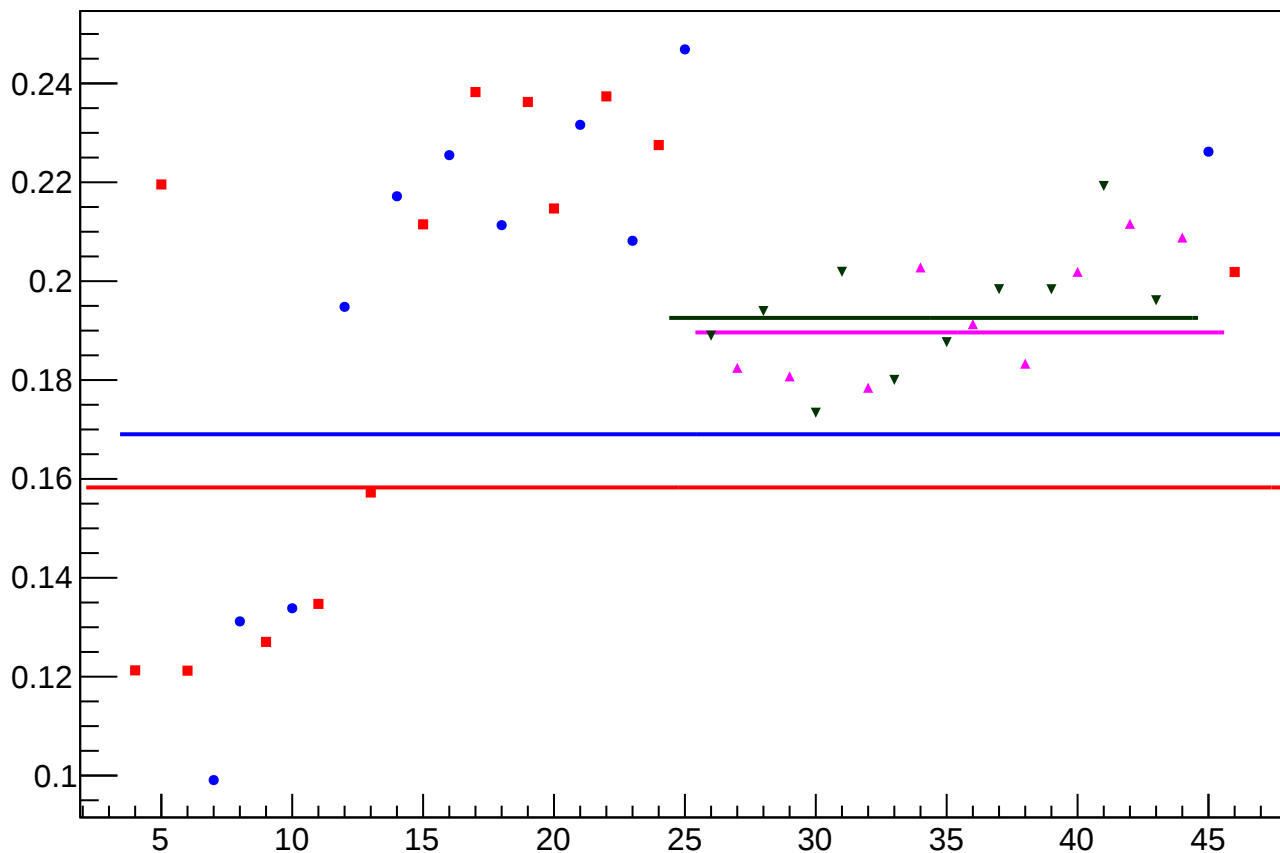
63.672 $\pm$ 0.000 χ^2/NDF : 36472548763.1/20

Right Out: 58.051 $\pm$ 0.000 χ^2/NDF : 26752171739.0/12

62.372 $\pm$ 0.000 χ^2/NDF : 38685323895.2/21

Left In: 69.261 $\pm$ 0.000 χ^2/NDF : 334097466.4/8

yield_bcm_dg_us_rms vs slug



Right In: 0.169+/-0.000 χ^2/NDF : 994929.4/10

Left Out: 0.193+/-0.000 χ^2/NDF : 38713.5/9

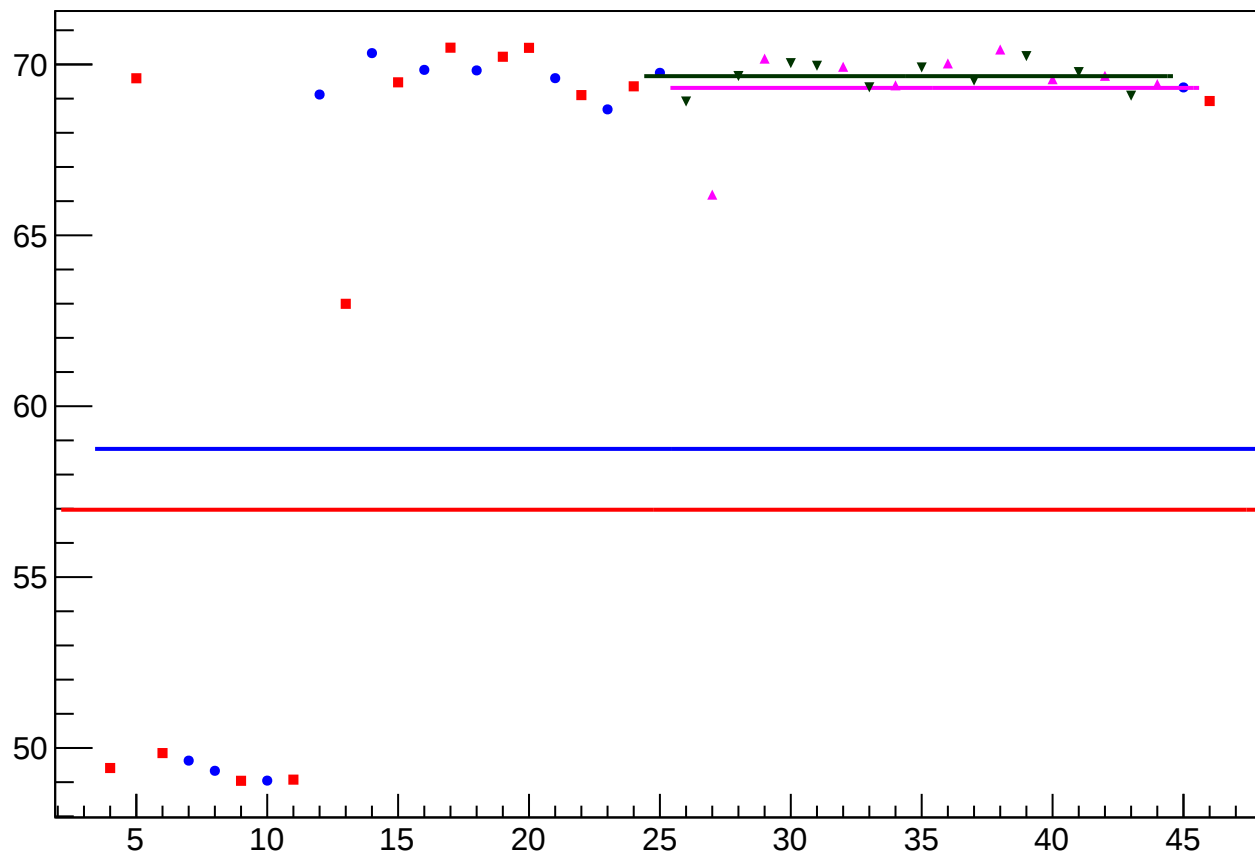
Right Out: 0.158+/-0.000 χ^2/NDF : 875760.5/12

Left In: 0.190+/-0.000 χ^2/NDF : 41377.7/8

0.178+/-0.000 χ^2/NDF : 1128221.3/20

0.170+/-0.000 χ^2/NDF : 1098545.9/21

yield_bcm_dg_ds_mean vs slug



Right In: 58.751+/-0.000 χ^2/NDF : 23813876405.1/10

Left Out: 69.657+/-0.000 χ^2/NDF : 23922100.2/9

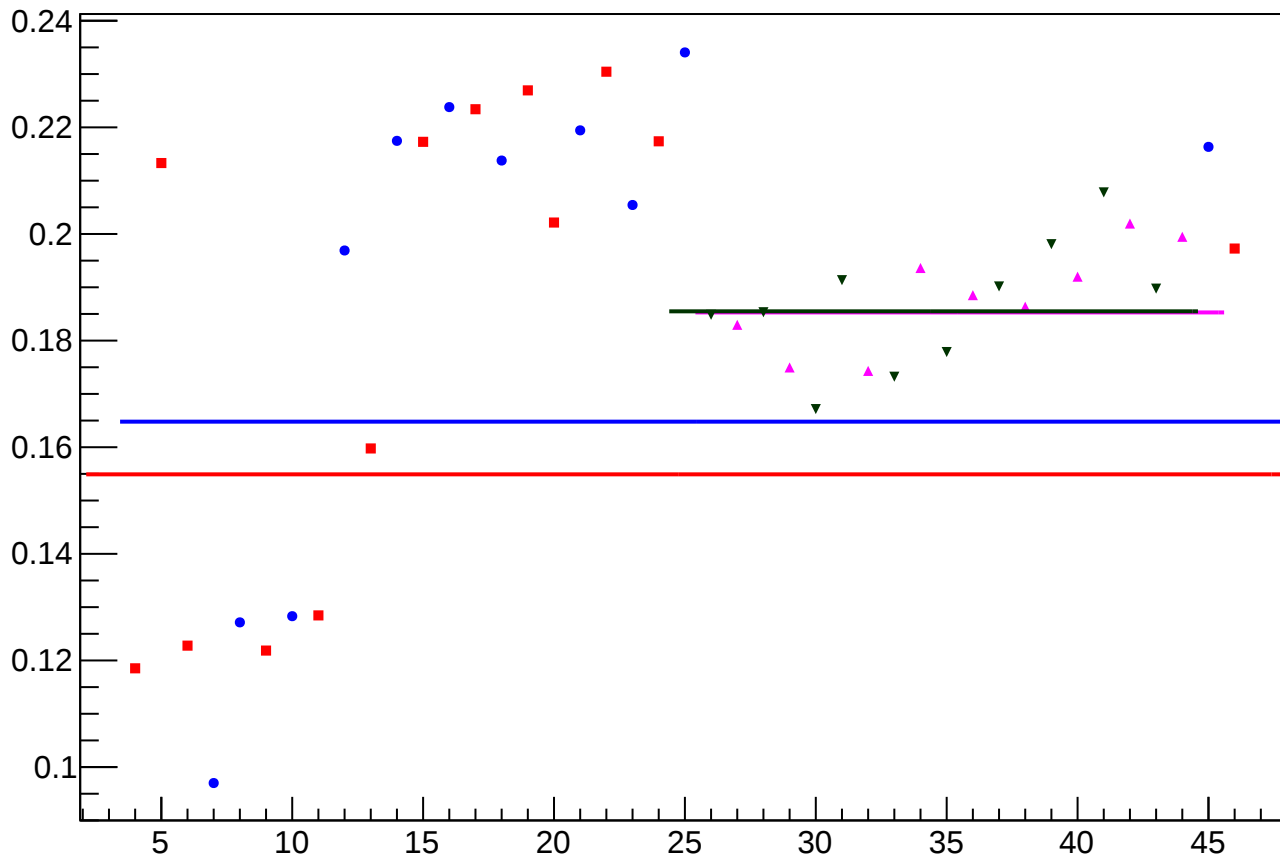
Right Out: 56.971+/-0.000 χ^2/NDF : 21625348067.3/12

Left In: 69.314+/-0.000 χ^2/NDF : 295096532.4/8

63.045+/-0.000 χ^2/NDF : 34671123598.1/20

61.745+/-0.000 χ^2/NDF : 36658773979.1/21

yield_bcm_dg_ds_rms vs slug



Right In: 0.165+/-0.000 χ^2/NDF : 1045127.0/10

Left Out: 0.185+/-0.000 χ^2/NDF : 38669.2/9

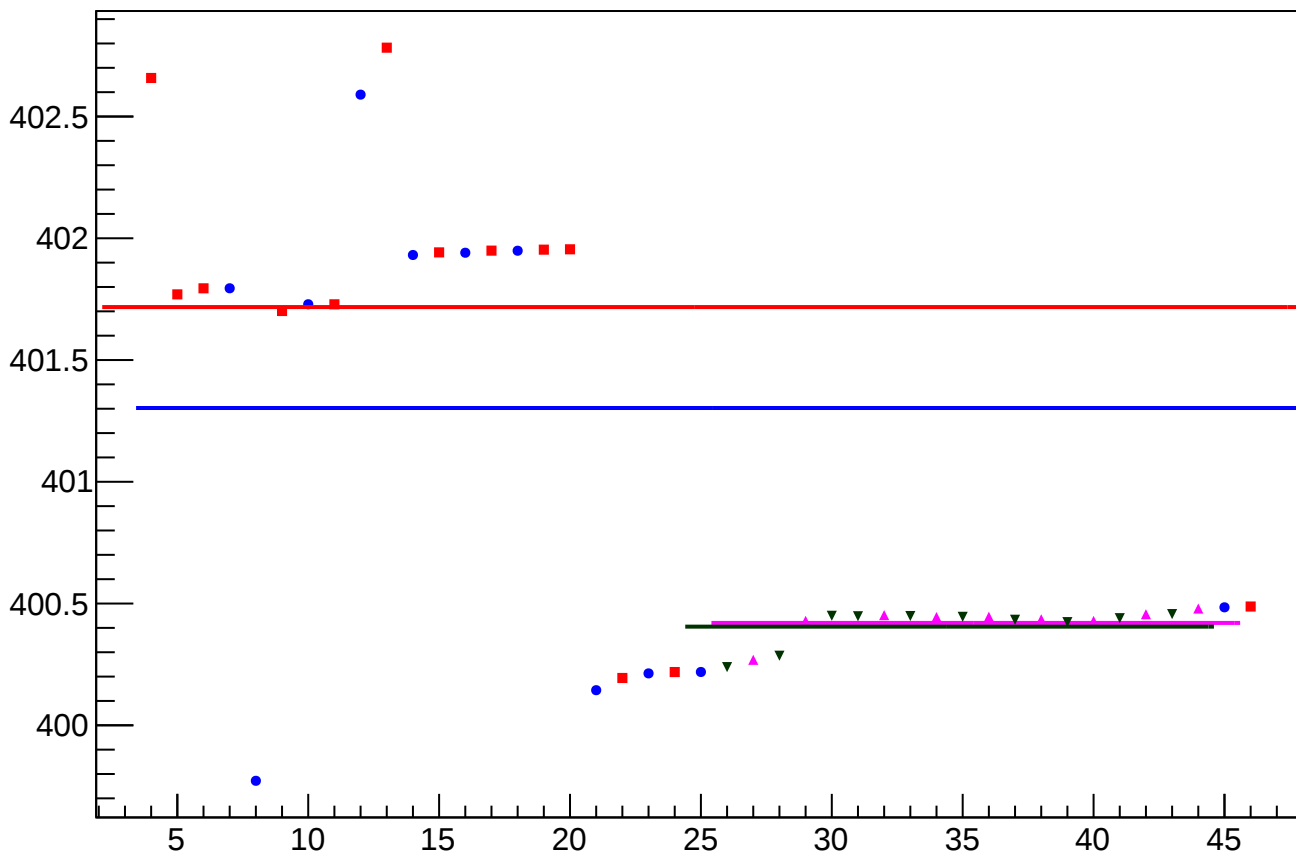
Right Out: 0.155+/-0.000 χ^2/NDF : 857360.7/12

Left In: 0.185+/-0.000 χ^2/NDF : 27905.0/8

0.173+/-0.000 χ^2/NDF : 1161813.4/20

0.167+/-0.000 χ^2/NDF : 1063749.9/21

yield_cav4bQ_mean vs slug



Right In: 401.303+/-0.000 χ^2/NDF : 132640420510.7/10

Left Out: 400.405+/-0.000 χ^2/NDF : 614198257.0/9

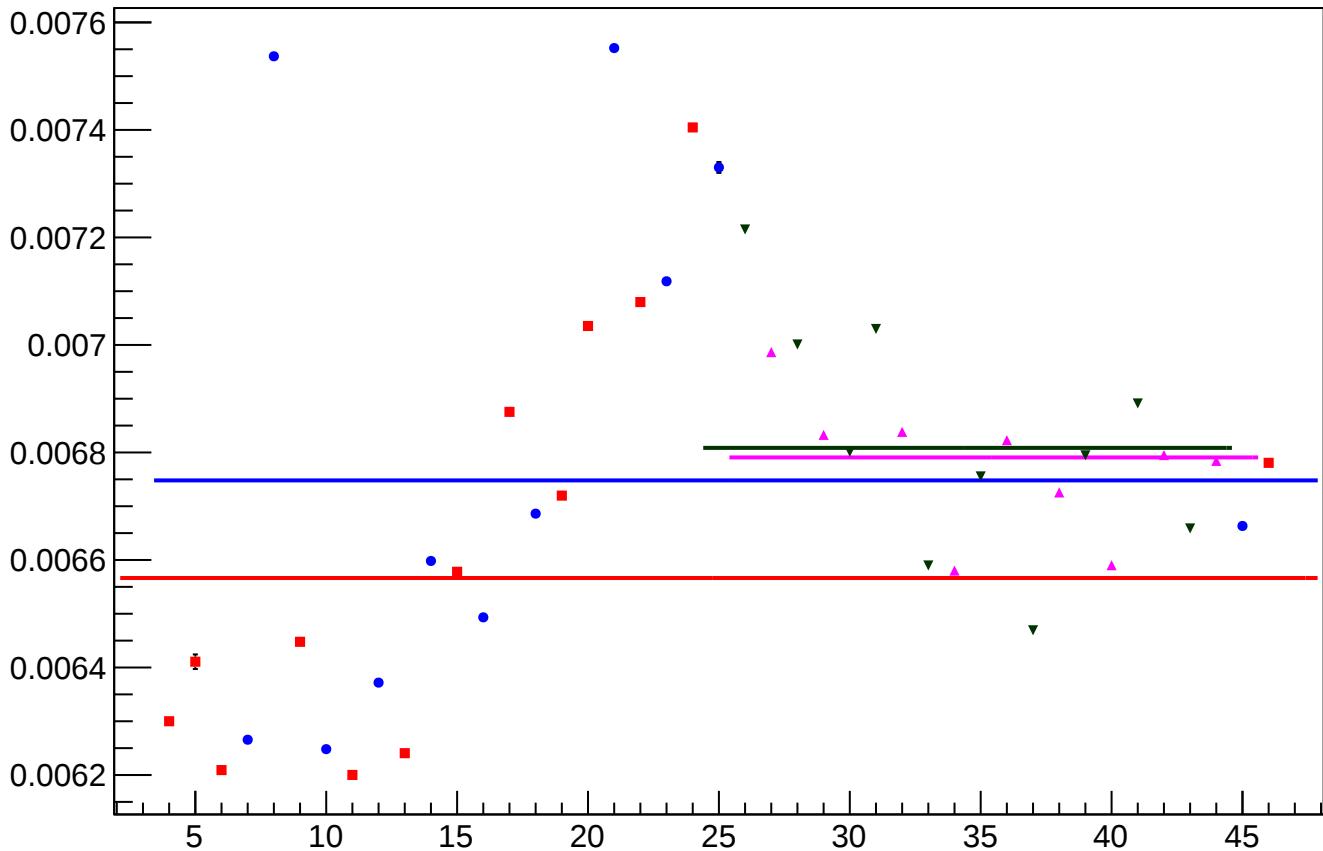
400.918+/-0.000 χ^2/NDF : 186681616684.6/20

Right Out: 401.718+/-0.000 χ^2/NDF : 102684991210.6/12

401.154+/-0.000 χ^2/NDF : 219643959392.6/21

Left In: 400.420+/-0.000 χ^2/NDF : 493859422.0/8

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 63201.8/10

Left Out: 0.007+/-0.000 χ^2/NDF : 9783.1/9

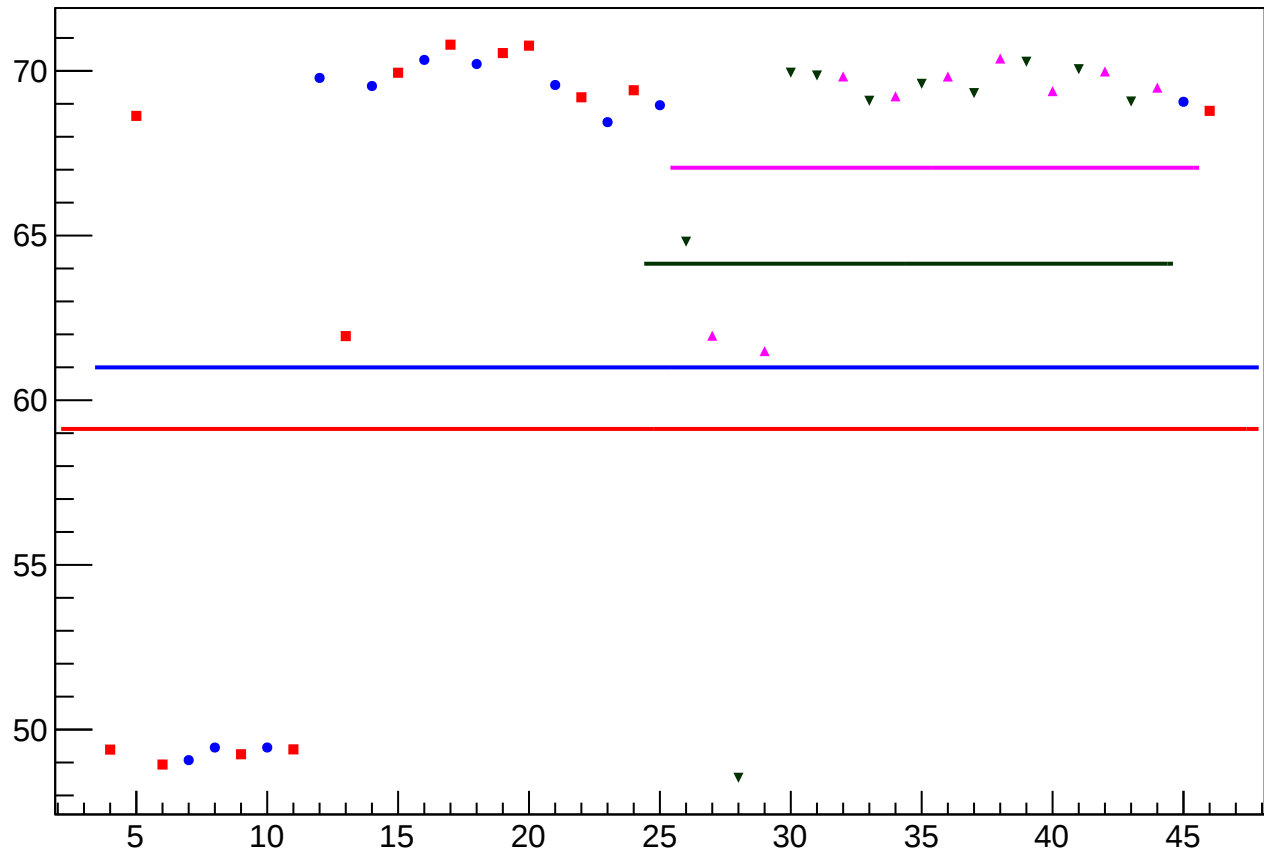
Right Out: 0.007+/-0.000 χ^2/NDF : 43182.4/12

Left In: 0.007+/-0.000 χ^2/NDF : 3544.3/8

0.007+/-0.000 χ^2/NDF : 73470.1/20

0.007+/-0.000 χ^2/NDF : 53692.2/21

yield_cav4cQ_mean vs slug



Right In: 60.998 $\pm$ 0.000 χ^2 /NDF: 14541220941.1/10

Left Out: 64.145 $\pm$ 0.000 χ^2 /NDF: 8533420736.0/9

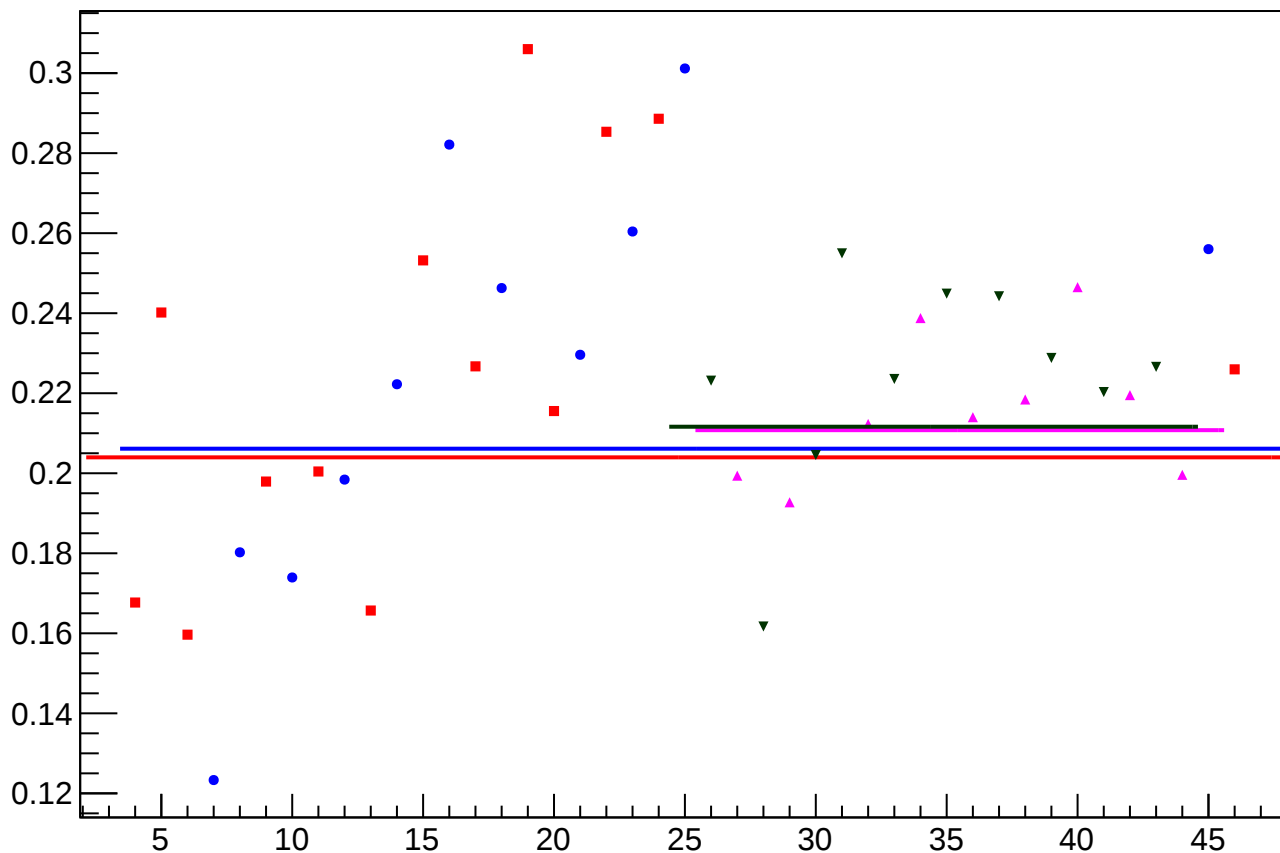
62.329 $\pm$ 0.000 χ^2 /NDF: 23683944390.8/20

Right Out: 59.129 $\pm$ 0.000 χ^2 /NDF: 12276645766.3/12

62.710 $\pm$ 0.000 χ^2 /NDF: 17863362815.2/21

Left In: 67.060 $\pm$ 0.000 χ^2 /NDF: 1652898078.7/8

yield_cav4cQ_rms vs slug



Right In: 0.206 $\pm$ 0.000 χ^2 /NDF: 555270.2/10

Left Out: 0.212 $\pm$ 0.000 χ^2 /NDF: 201414.9/9

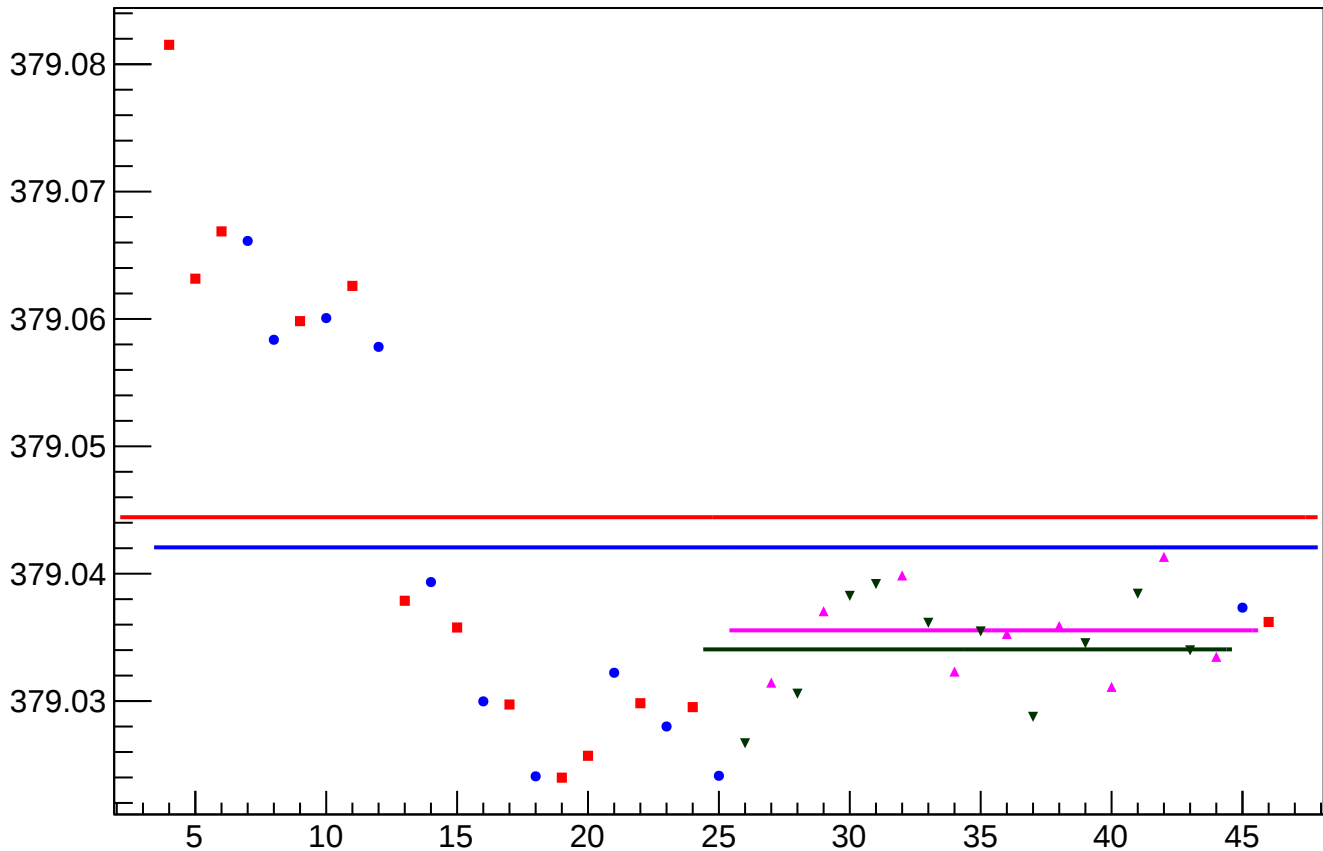
Right Out: 0.204 $\pm$ 0.000 χ^2 /NDF: 487079.1/12

Left In: 0.211 $\pm$ 0.000 χ^2 /NDF: 54593.1/8

0.208 $\pm$ 0.000 χ^2 /NDF: 760392.5/20

0.207 $\pm$ 0.000 χ^2 /NDF: 547445.6/21

yield_cav4dQ_mean vs slug



Right In: 379.042 $\pm$ 0.000 χ^2 /NDF: 28748833.7/10

Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF:1785889.4/9

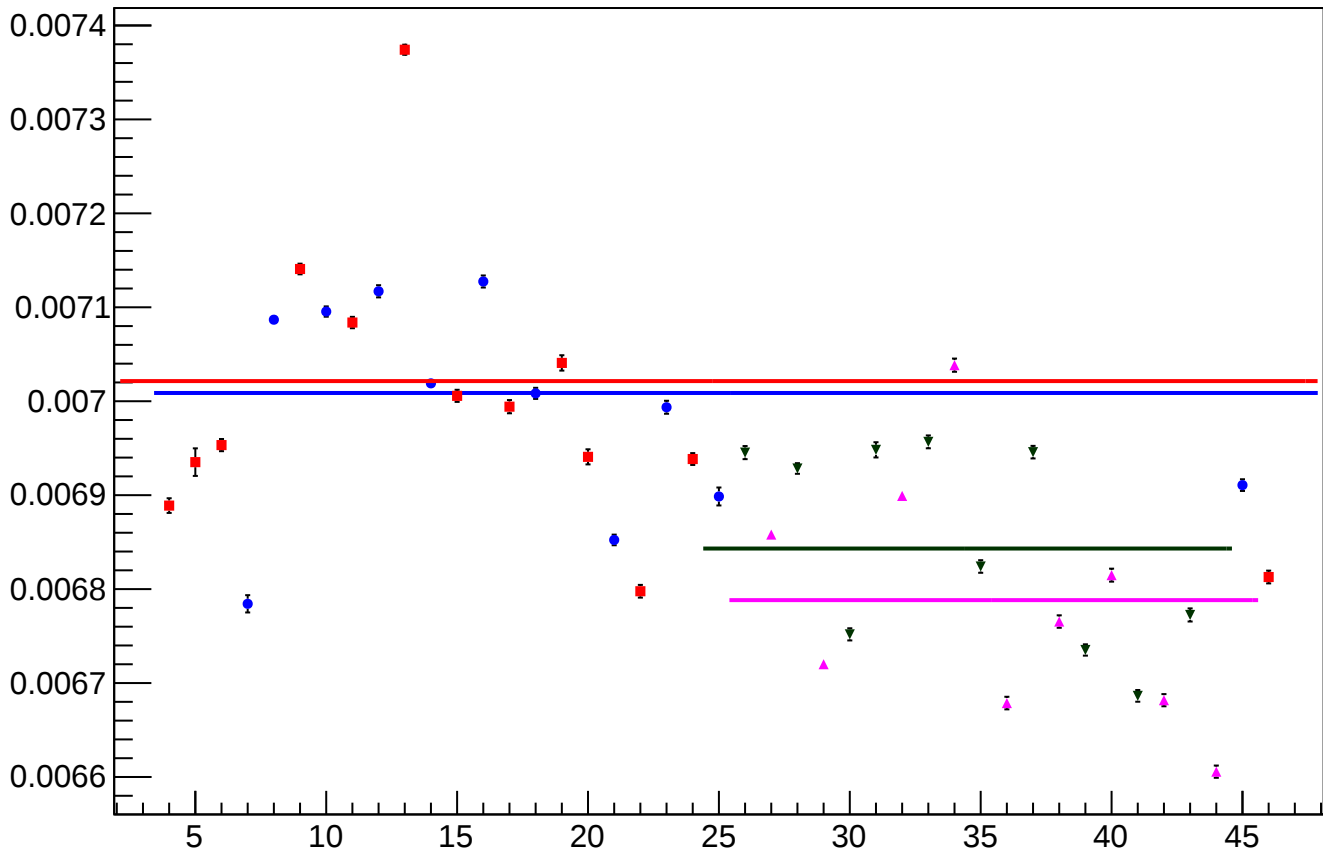
379.039 $\pm$ 0.000 χ^2 /NDF: 34648090.5/20

Right Out: 379.044 $\pm$ 0.000 χ^2 /NDF: 41715881.2/12

379.040 $\pm$ 0.000 χ^2 /NDF: 48337917.7/21

Left In: 379.036 $\pm$ 0.000 χ^2 /NDF:1460266.1/8

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2837.0/10

Left Out: 0.007+/-0.000 χ^2/NDF : 2379.4/9

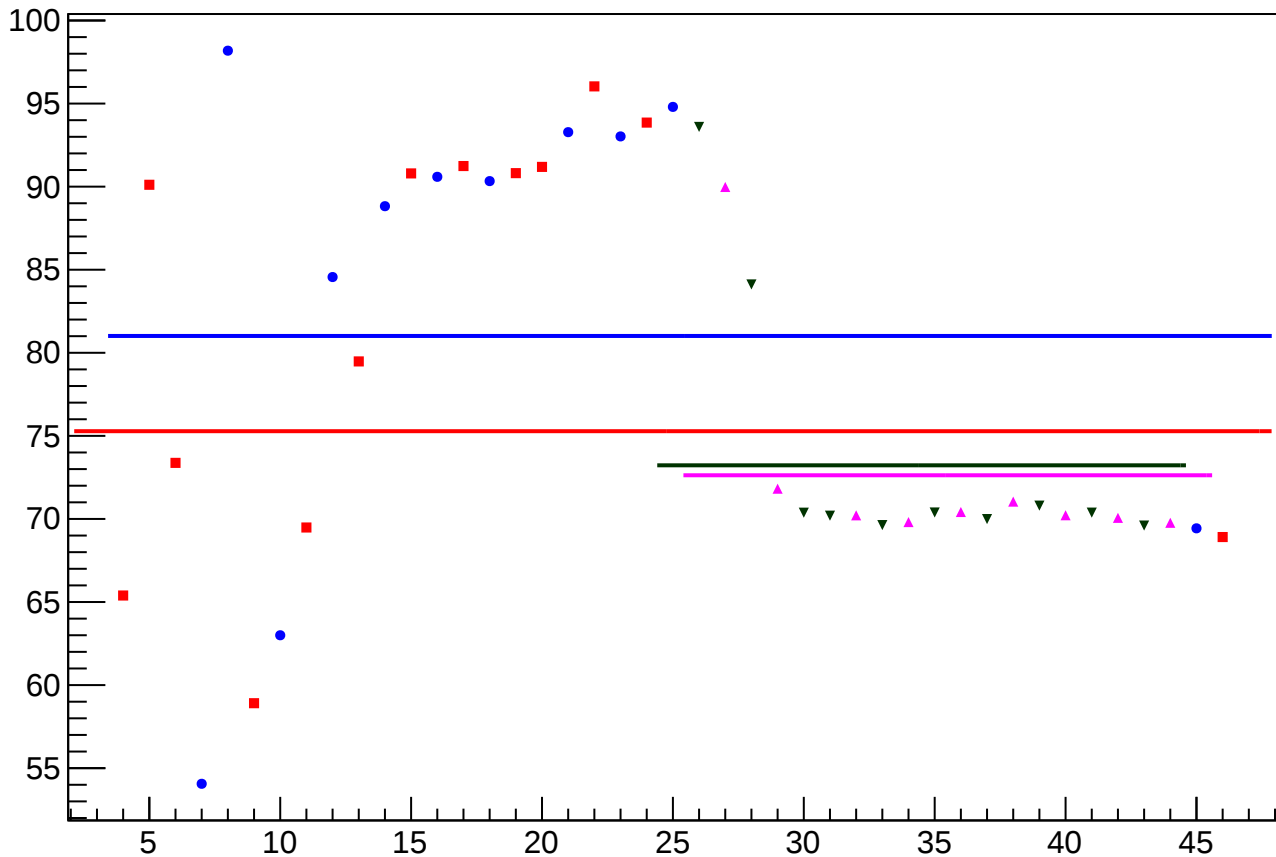
Right Out: 0.007+/-0.000 χ^2/NDF : 7601.8/12

Left In: 0.007+/-0.000 χ^2/NDF : 3429.2/8

0.007+/-0.000 χ^2/NDF : 8732.0/20

0.007+/-0.000 χ^2/NDF : 18145.0/21

yield_bcm0l02_mean vs slug



Right In: 81.013+/-0.000 χ^2/NDF : 16357758015.0/10

Left Out: 73.228+/-0.000 χ^2/NDF : 3731942896.0/9

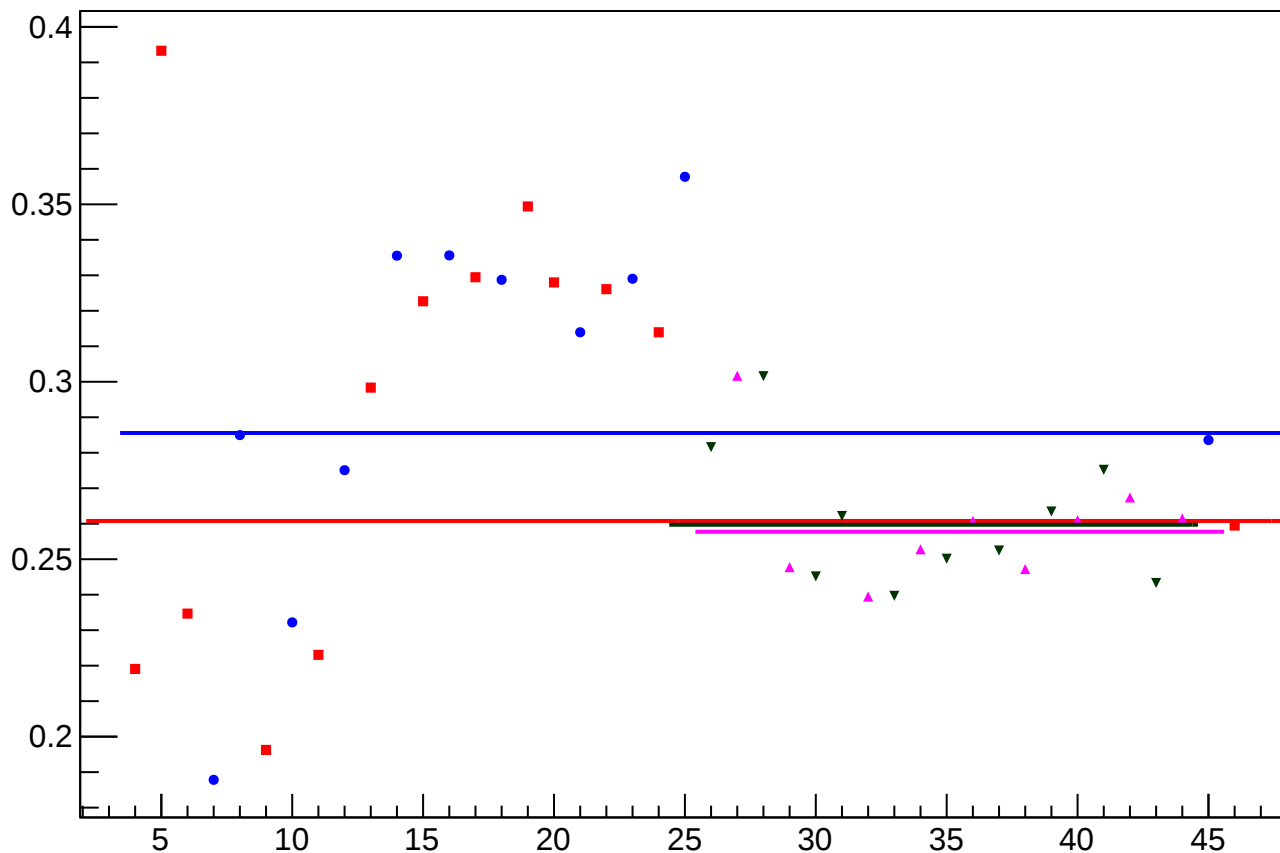
Right Out: 75.281+/-0.000 χ^2/NDF : 13792731349.1/12

Left In: 72.628+/-0.000 χ^2/NDF : 2928852368.6/8

77.203+/-0.000 χ^2/NDF : 22353568107.1/20

74.011+/-0.000 χ^2/NDF : 17011429843.0/21

yield_bcm0l02_rms vs slug



Right In: 0.286 $\pm$ 0.000 χ^2 /NDF: 344407.6/10

Left Out: 0.260 $\pm$ 0.000 χ^2 /NDF: 47918.7/9

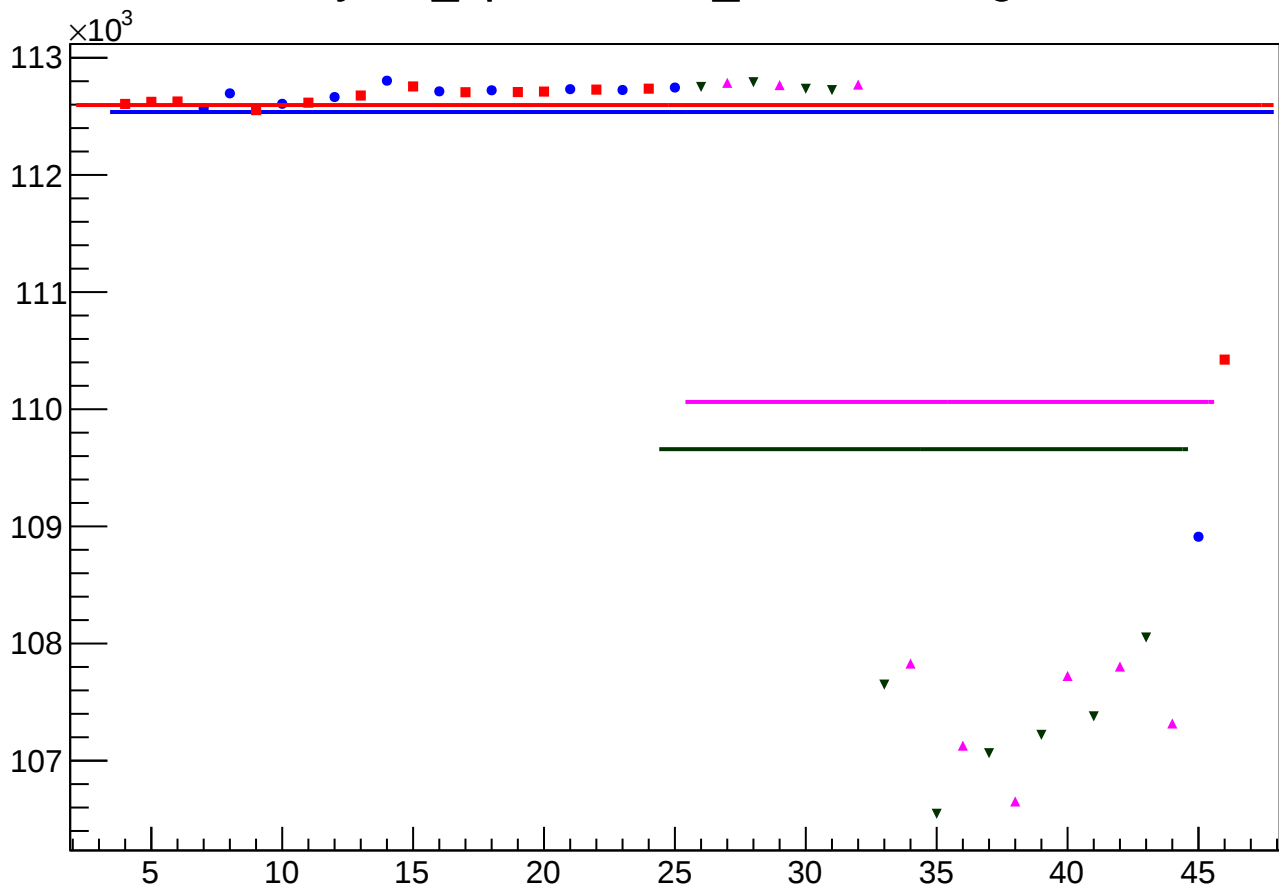
Right Out: 0.261 $\pm$ 0.000 χ^2 /NDF: 481546.1/12

Left In: 0.258 $\pm$ 0.000 χ^2 /NDF: 49167.8/8

0.273 $\pm$ 0.000 χ^2 /NDF: 442260.9/20

0.259 $\pm$ 0.000 χ^2 /NDF: 531474.8/21

yield_bpm2i01WS_mean vs slug



Right In: 112537.174 $\pm$ 0.042 χ^2 /NDF: 347304291.3/10

Left Out: 109659.144 $\pm$ 0.053 χ^2 /NDF: 2686861752.7/9

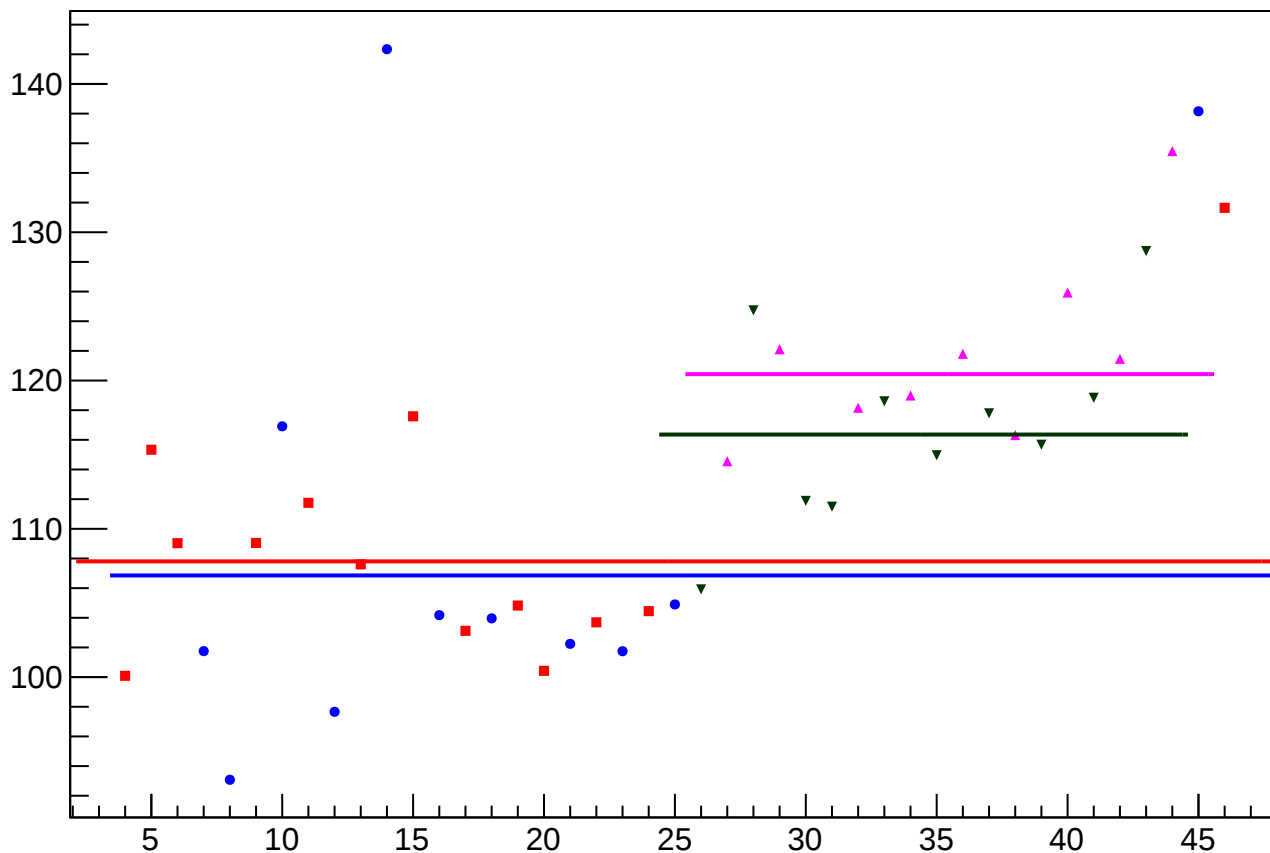
Right Out: 112596.684 $\pm$ 0.043 χ^2 /NDF: 91711753.3/12

Left In: 110062.356 $\pm$ 0.053 χ^2 /NDF: 2589754971.8/8

111437.586 $\pm$ 0.033 χ^2 /NDF: 4868394544.3/20

111605.286 $\pm$ 0.033 χ^2 /NDF: 4059613898.3/21

yield_bpm2i01WS_rms vs slug



Right In: 106.856 ± 0.029 χ^2/NDF : 239862.6/10

Left Out: 116.357 ± 0.037 χ^2/NDF : 26817.0/9

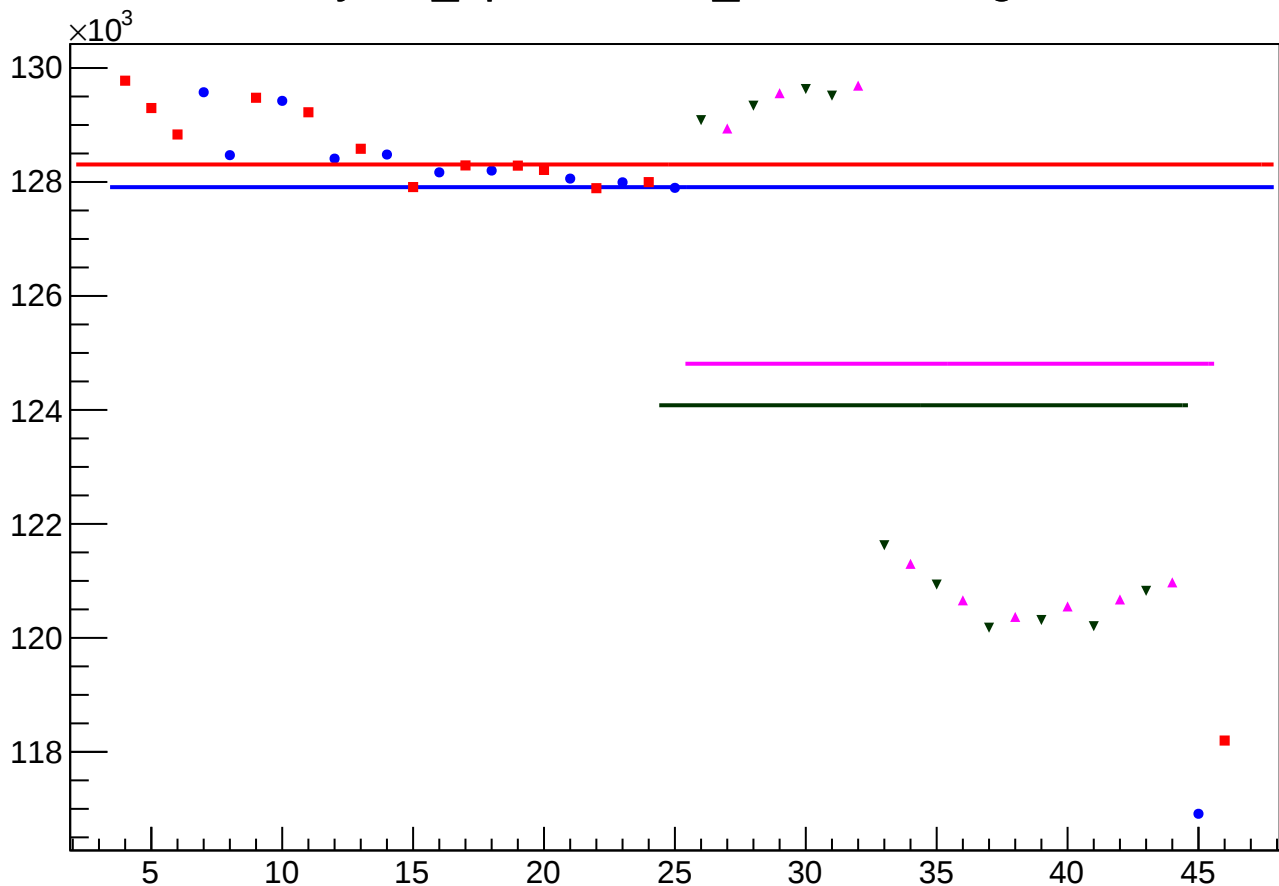
Right Out: 107.805 ± 0.030 χ^2/NDF : 44293.1/12

Left In: 120.432 ± 0.038 χ^2/NDF : 18918.6/8

110.486 ± 0.023 χ^2/NDF : 306662.4/20

112.745 ± 0.024 χ^2/NDF : 131625.6/21

yield_bpm0i07WS_mean vs slug



Right In: 127909.177 $\pm$ 0.069 χ^2 /NDF: 1334673950.7/10

Left Out: 124081.986 $\pm$ 0.090 χ^2 /NDF: 2292578151.5/9

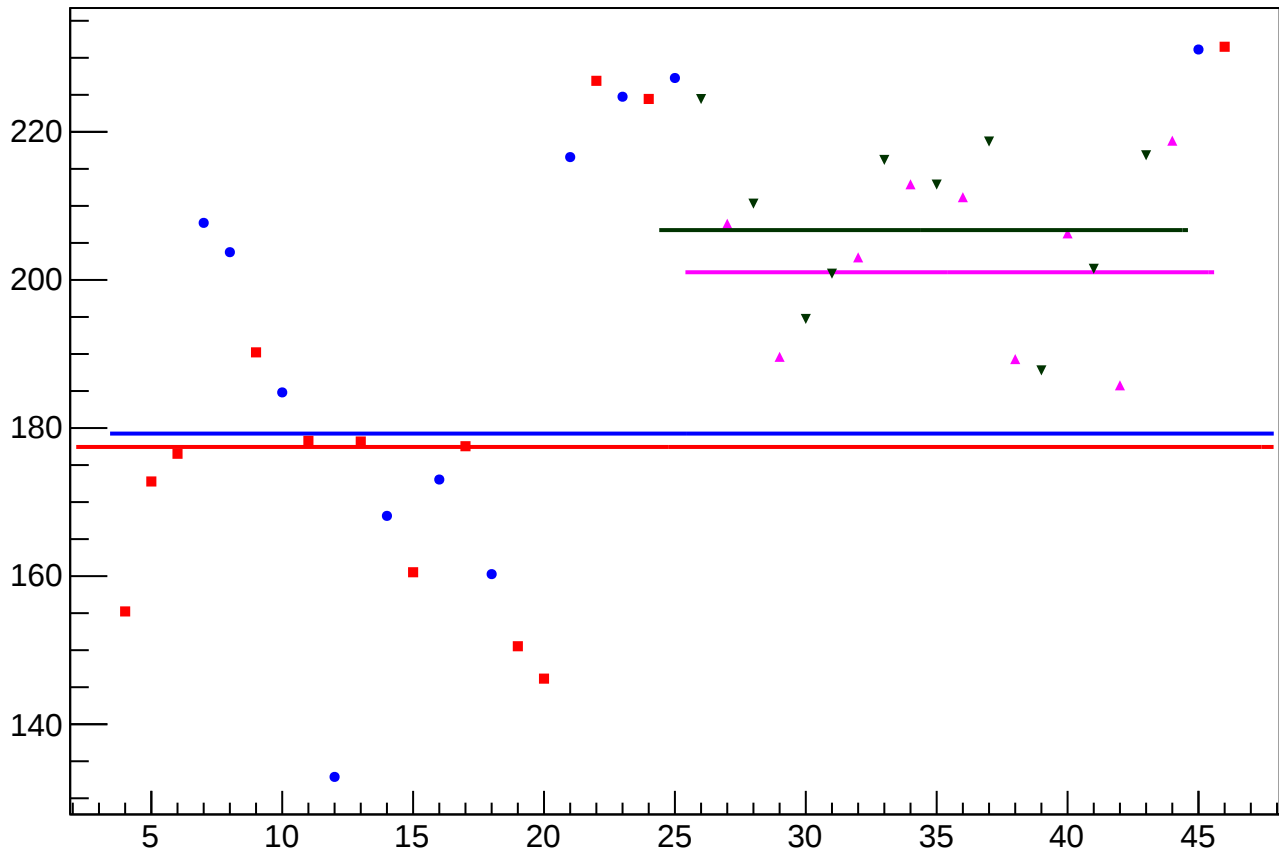
Right Out: 128307.216 $\pm$ 0.070 χ^2 /NDF: 737301707.1/12

Left In: 124810.637 $\pm$ 0.085 χ^2 /NDF: 2608172131.0/8

126490.548 $\pm$ 0.055 χ^2 /NDF: 4763862213.8/20

126896.703 $\pm$ 0.054 χ^2 /NDF: 4353155929.6/21

yield_bpm0i07WS_rms vs slug



Right In: 179.252 ± 0.049 χ^2/NDF : 374197.4/10

Left Out: 206.733 ± 0.064 χ^2/NDF : 32612.0/9

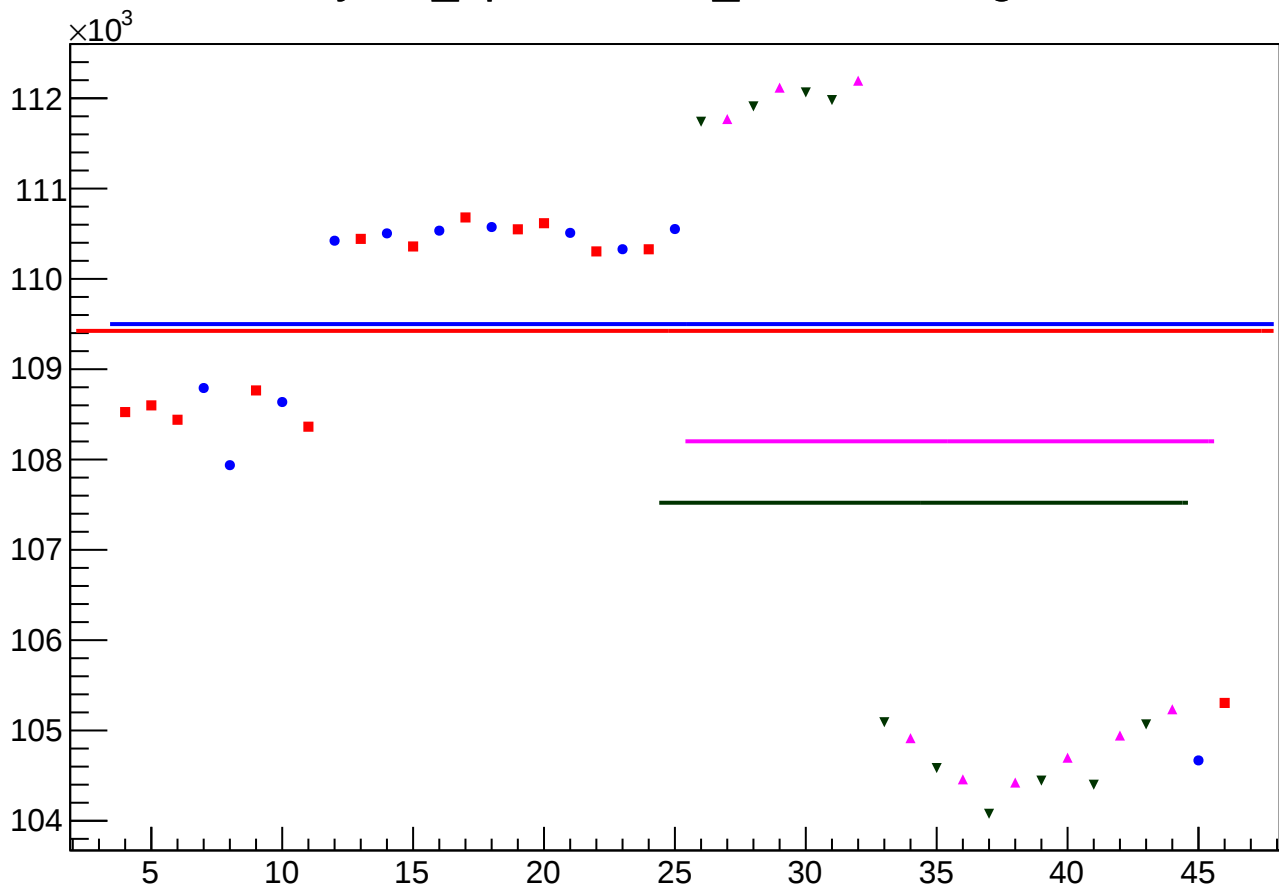
Right Out: 177.446 ± 0.049 χ^2/NDF : 226598.2/12

Left In: 201.040 ± 0.060 χ^2/NDF : 31613.0/8

189.438 ± 0.039 χ^2/NDF : 524017.4/20

186.964 ± 0.038 χ^2/NDF : 349973.0/21

yield_bpm0l01WS_mean vs slug



Right In: 109499.528 $\pm$ 0.045 χ^2 /NDF: 1109008309.1/10

Left Out: 107521.561 $\pm$ 0.049 χ^2 /NDF: 5321162353.6/9

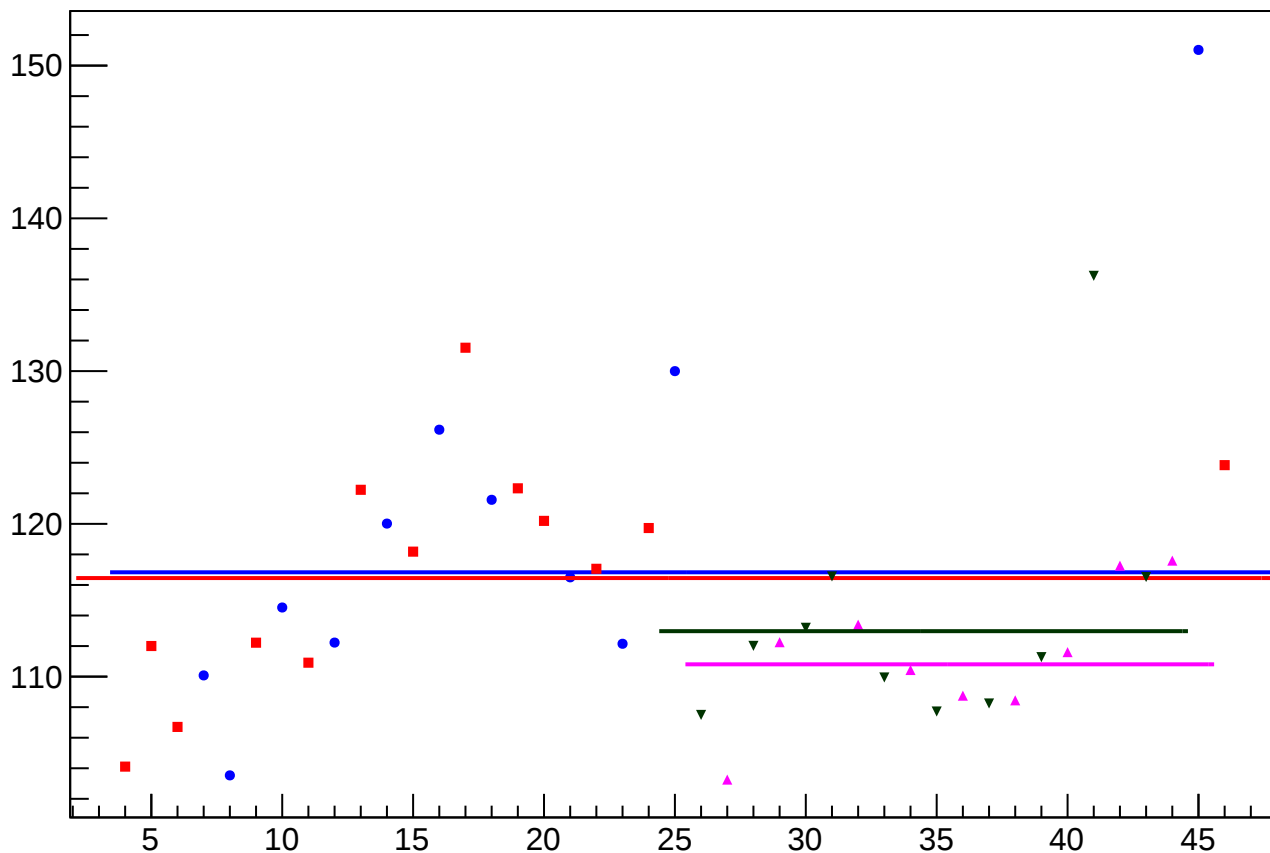
Right Out: 109424.407 $\pm$ 0.046 χ^2 /NDF: 796144706.8/12

Left In: 108201.722 $\pm$ 0.047 χ^2 /NDF: 5984849706.8/8

108610.400 $\pm$ 0.033 χ^2 /NDF: 7313239491.4/20

108829.128 $\pm$ 0.033 χ^2 /NDF: 7129604052.2/21

yield_bpm0l01WS_rms vs slug



Right In: 116.829 ± 0.032 $\chi^2/\text{NDF}: 105426.1/10$

Left Out: 112.975 ± 0.035 $\chi^2/\text{NDF}: 42849.8/9$

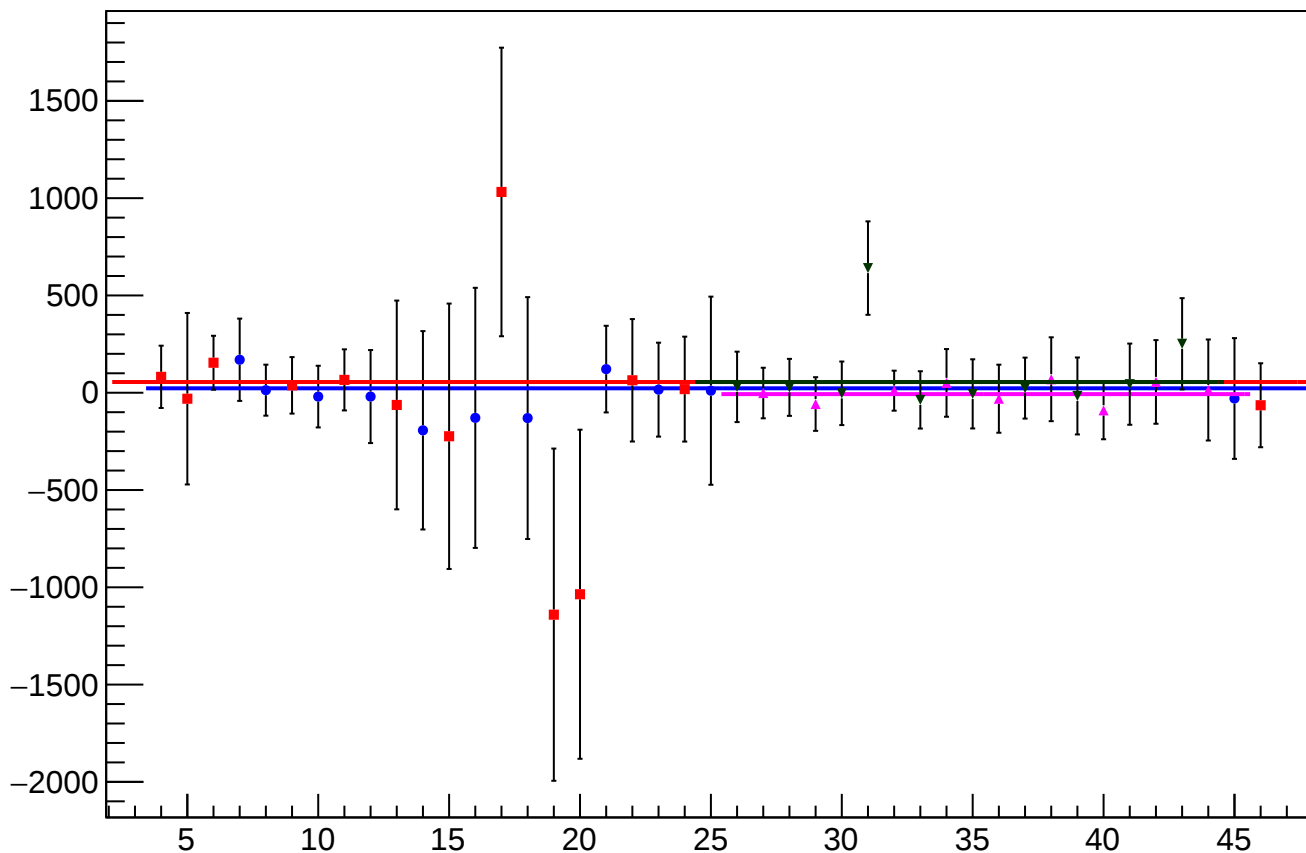
Right Out: 116.452 ± 0.032 $\chi^2/\text{NDF}: 46509.2/12$

Left In: 110.804 ± 0.033 $\chi^2/\text{NDF}: 17542.1/8$

115.097 ± 0.023 $\chi^2/\text{NDF}: 154980.8/20$

113.702 ± 0.023 $\chi^2/\text{NDF}: 78925.2/21$

asym_bcm_an_ds_mean vs slug



Right In: 22.732+/-70.967 χ^2/NDF : 1.1/10

Left Out: 55.055+/-56.152 χ^2/NDF : 7.5/9

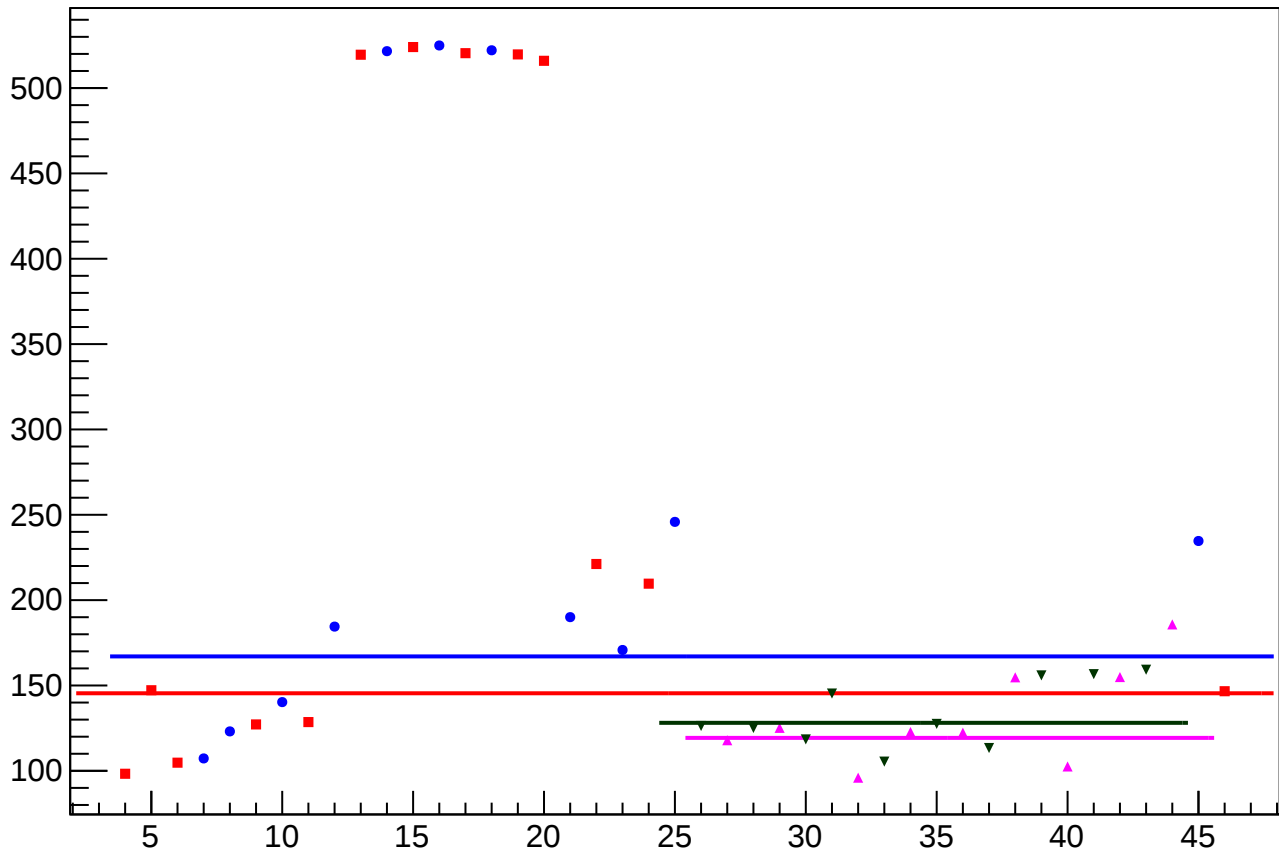
Right Out: 55.171+/-64.569 χ^2/NDF : 6.5/12

Left In: -7.075+/-51.612 χ^2/NDF : 0.8/8

42.610+/-44.035 χ^2/NDF : 8.7/20

17.191+/-40.315 χ^2/NDF : 7.9/21

asym_bcm_an_ds_rms vs slug



Right In: 167.031+/-0.050 χ^2/NDF : 2816273.1/10

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

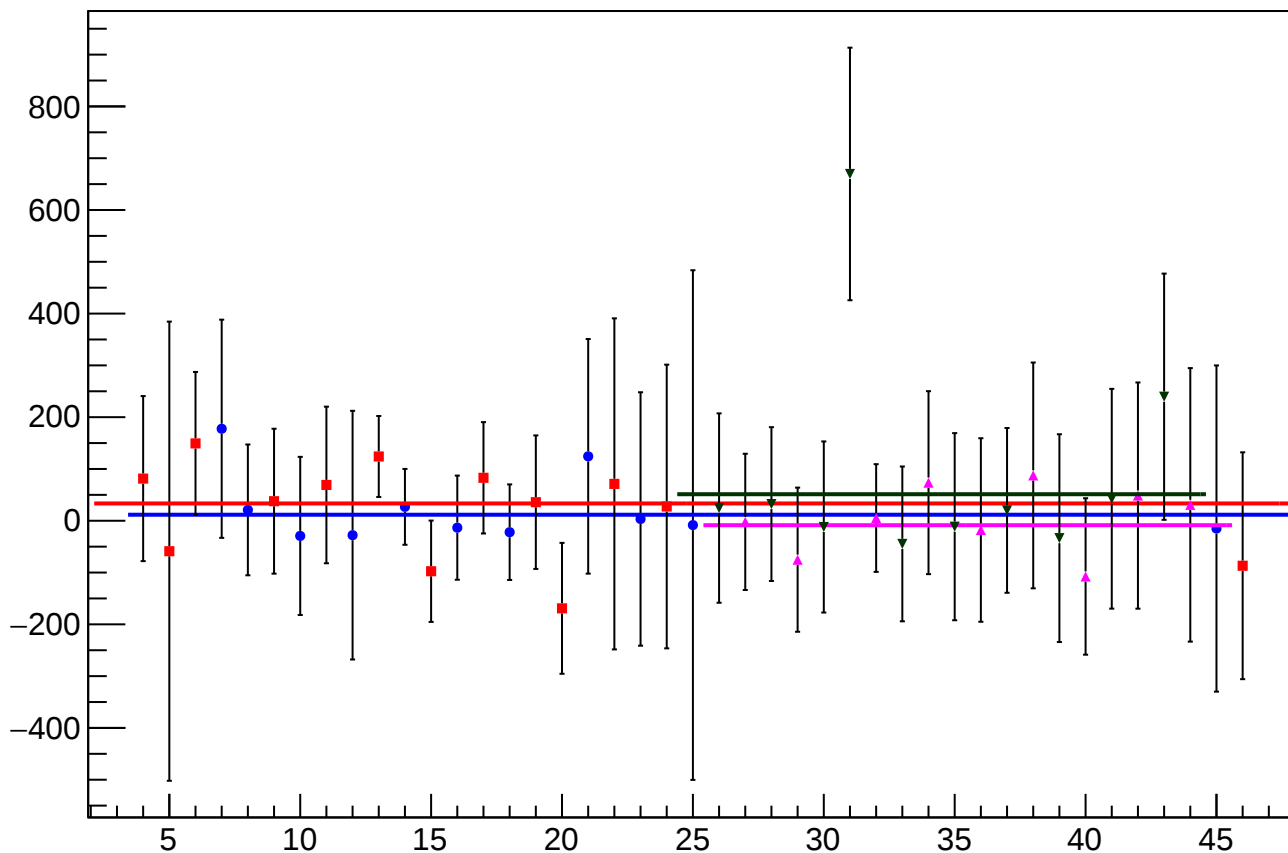
143.105+/-0.031 χ^2/NDF : 3381711.3/20

Right Out: 145.438+/-0.046 χ^2/NDF : 3498460.4/12

129.493+/-0.029 χ^2/NDF : 4072121.6/21

Left In: 119.305+/-0.036 χ^2/NDF :373767.5/8

asym_bcm_an_ds3_mean vs slug



Right In: 11.641 ± 40.860 $\chi^2/\text{NDF}: 1.2/10$

Left Out: 51.240 ± 56.939 $\chi^2/\text{NDF}: 8.0/9$

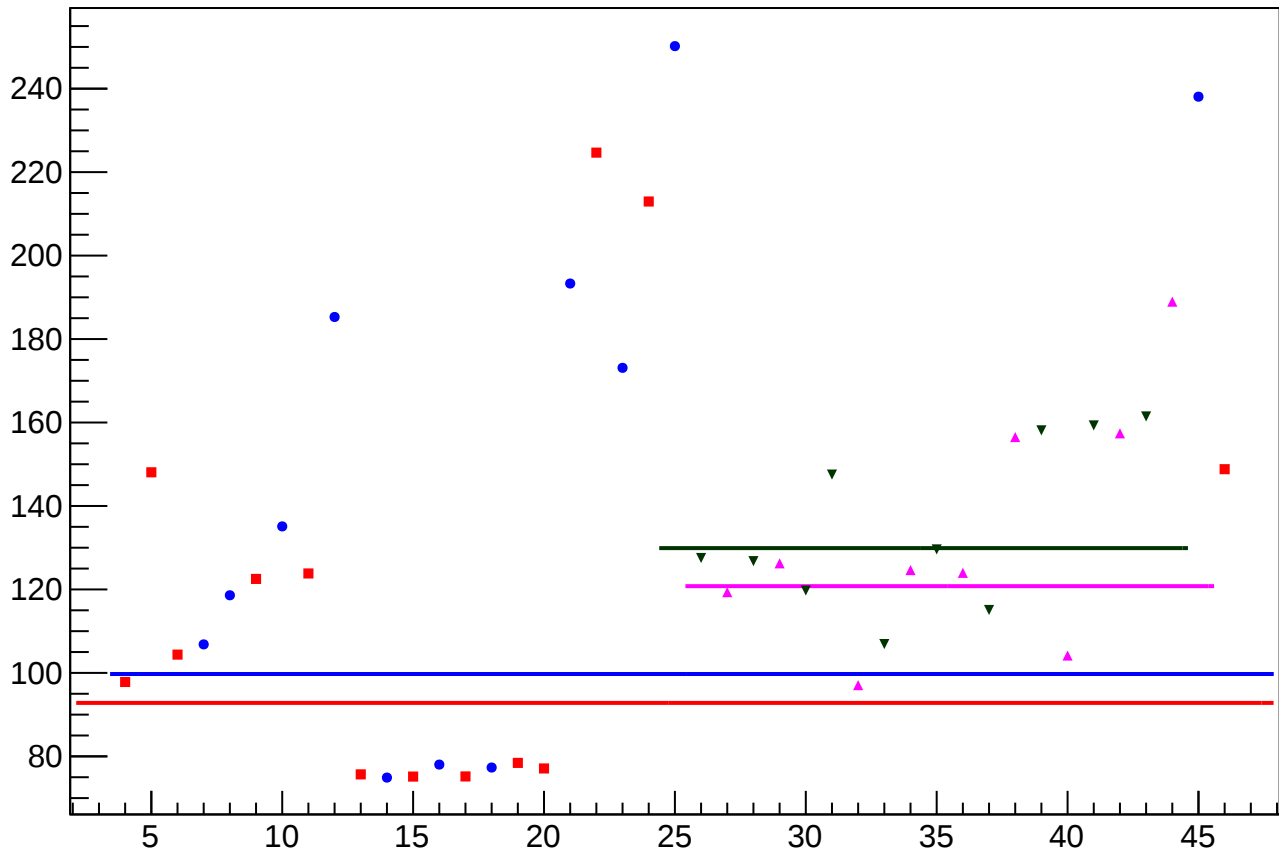
Right Out: 33.410 ± 37.442 $\chi^2/\text{NDF}: 7.1/12$

Left In: -8.590 ± 52.268 $\chi^2/\text{NDF}: 1.2/8$

25.102 ± 33.197 $\chi^2/\text{NDF}: 9.5/20$

19.167 ± 30.438 $\chi^2/\text{NDF}: 8.7/21$

asym_bcm_an_ds3_rms vs slug



Right In: 99.735+/-0.029 χ^2/NDF : 1943642.3/10

Left Out: 129.904+/-0.040 χ^2/NDF :197170.8/9

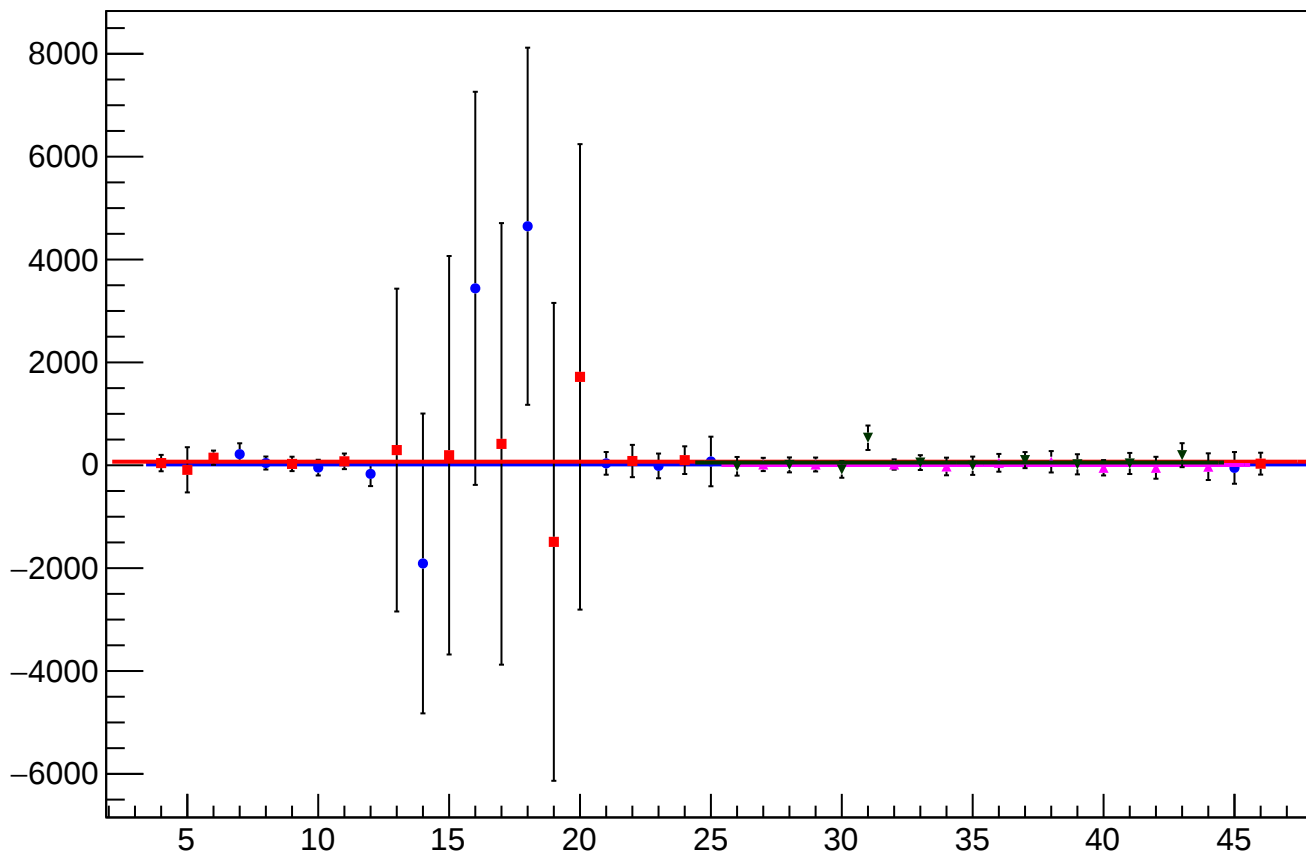
109.990+/-0.023 χ^2/NDF : 2511427.4/20

Right Out: 92.812+/-0.026 χ^2/NDF : 1348249.3/12

102.299+/-0.022 χ^2/NDF : 2103349.9/21

Left In: 120.786+/-0.037 χ^2/NDF :376487.8/8

asym_bcm_an_us_mean vs slug



Right In: 17.119+/-71.002 χ^2/NDF : 4.8/10

Left Out: 53.832+/-55.648 χ^2/NDF : 5.7/9

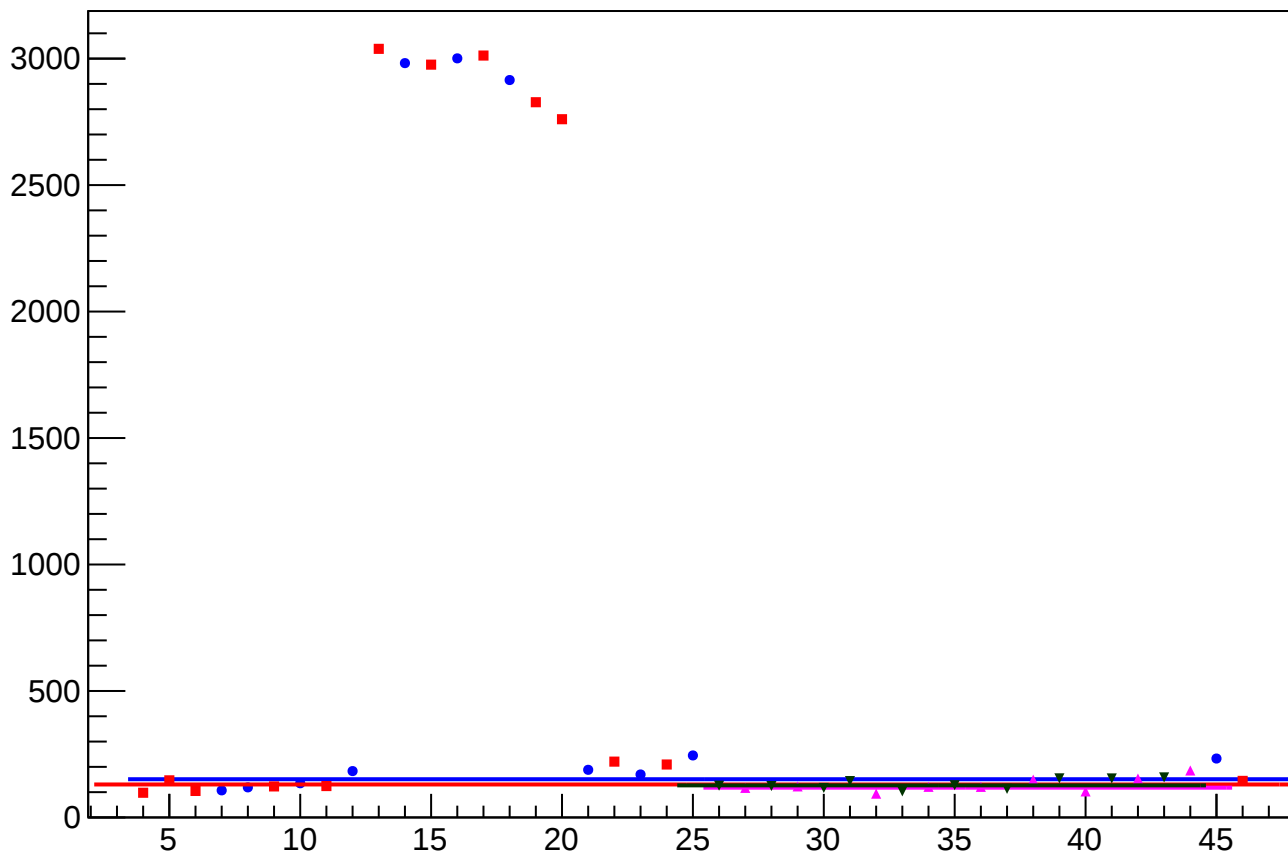
Right Out: 69.813+/-64.864 χ^2/NDF : 0.9/12

Left In: 5.189+/-50.929 χ^2/NDF : 0.4/8

39.862+/-43.799 χ^2/NDF : 10.7/20

29.835+/-40.057 χ^2/NDF : 1.9/21

asym_bcm_an_us_rms vs slug



Right In: 151.154+/-0.050 χ^2/NDF : 4827681.6/10

Left Out: 126.861+/-0.039 χ^2/NDF : 201202.8/9

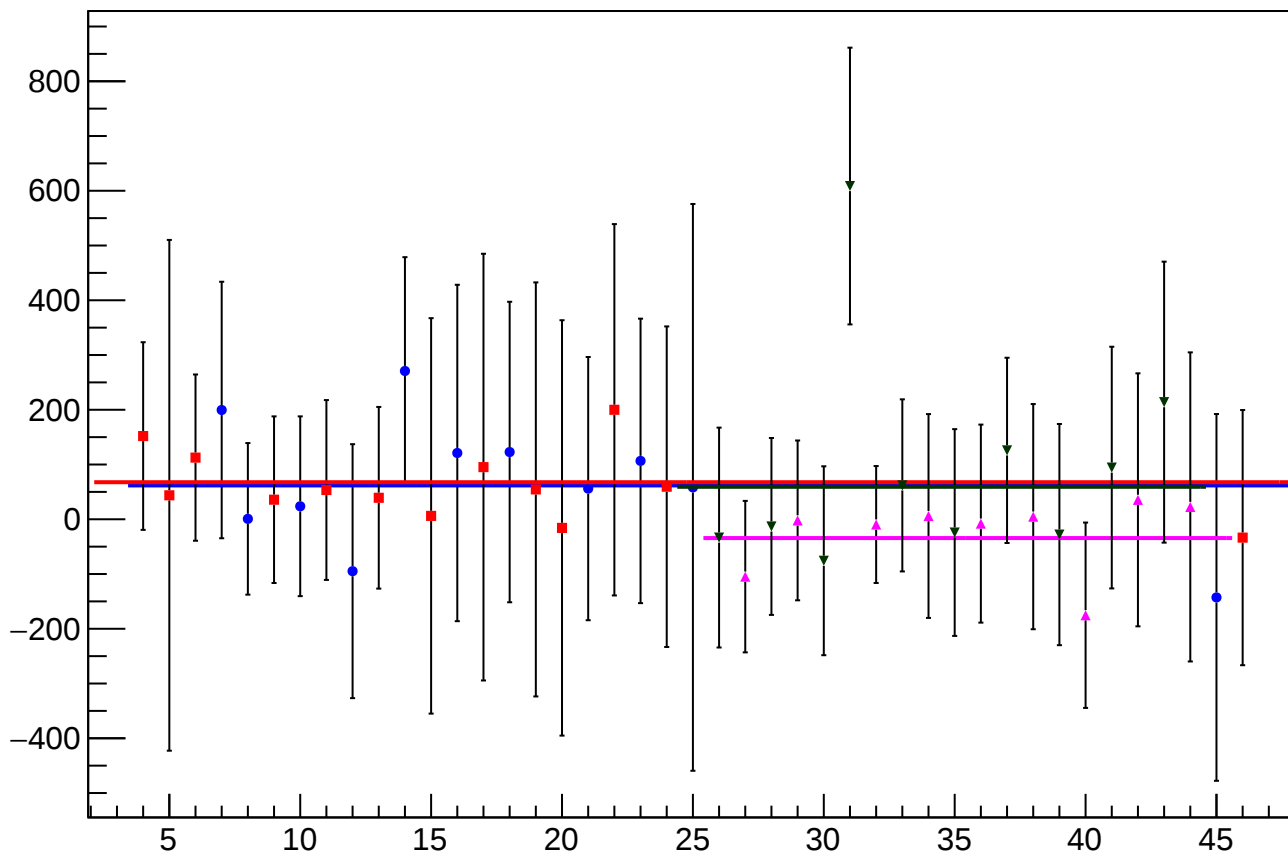
Right Out: 130.403+/-0.046 χ^2/NDF : 5559605.6/12

Left In: 117.710+/-0.036 χ^2/NDF : 374948.7/8

136.105+/-0.031 χ^2/NDF : 5173913.8/20

122.551+/-0.028 χ^2/NDF : 5981936.5/21

asym_bcm_dg_us_mean vs slug



Right In: 61.818+/-67.748 χ^2/NDF : 2.6/10

Left Out: 59.318+/-60.188 χ^2/NDF : 6.7/9

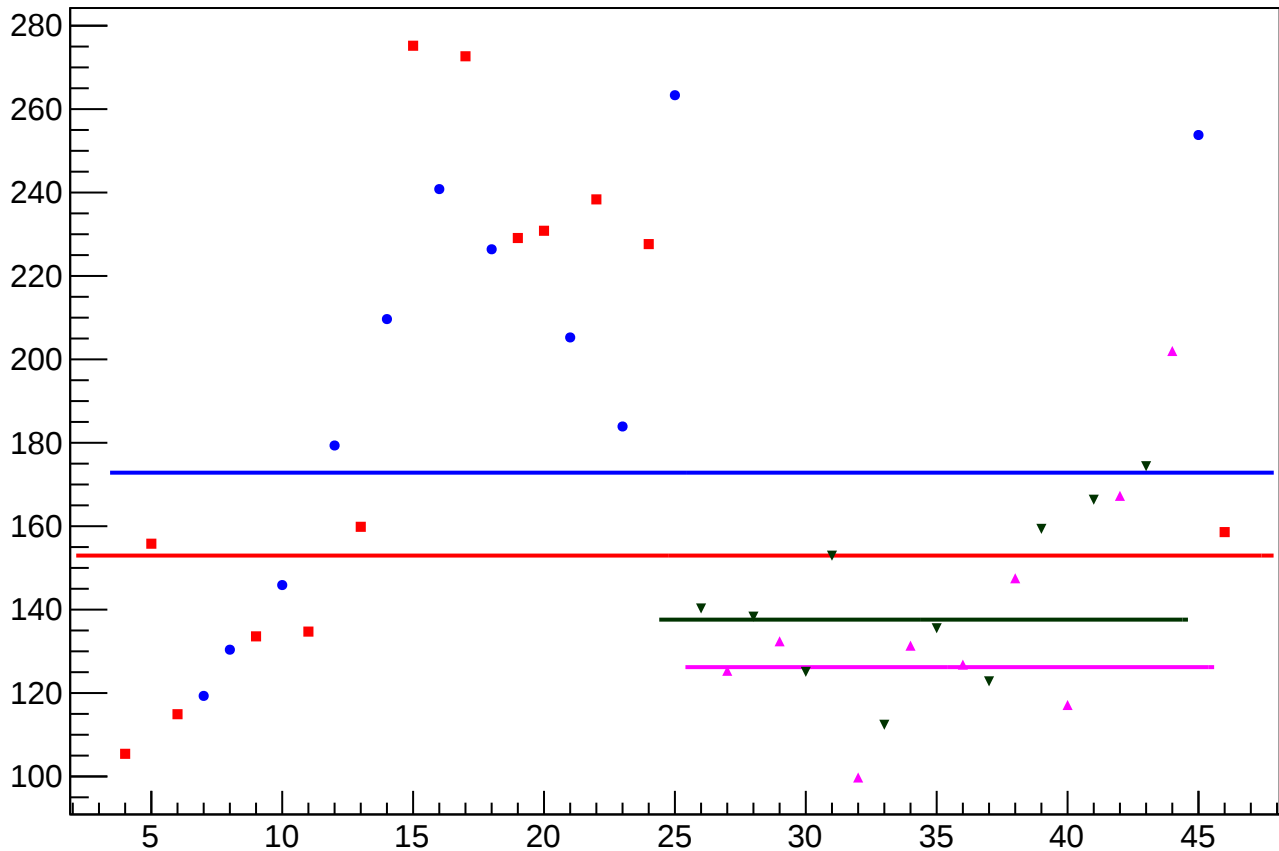
Right Out: 67.683+/-61.363 χ^2/NDF : 0.8/12

Left In: -34.328+/-54.542 χ^2/NDF : 1.3/8

60.421+/-44.996 χ^2/NDF : 9.2/20

10.696+/-40.766 χ^2/NDF : 3.7/21

asym_bcm_dg_us_rms vs slug



Right In: 172.836+/-0.048 χ^2/NDF : 802700.0/10

Left Out: 137.600+/-0.043 χ^2/NDF :183507.0/9

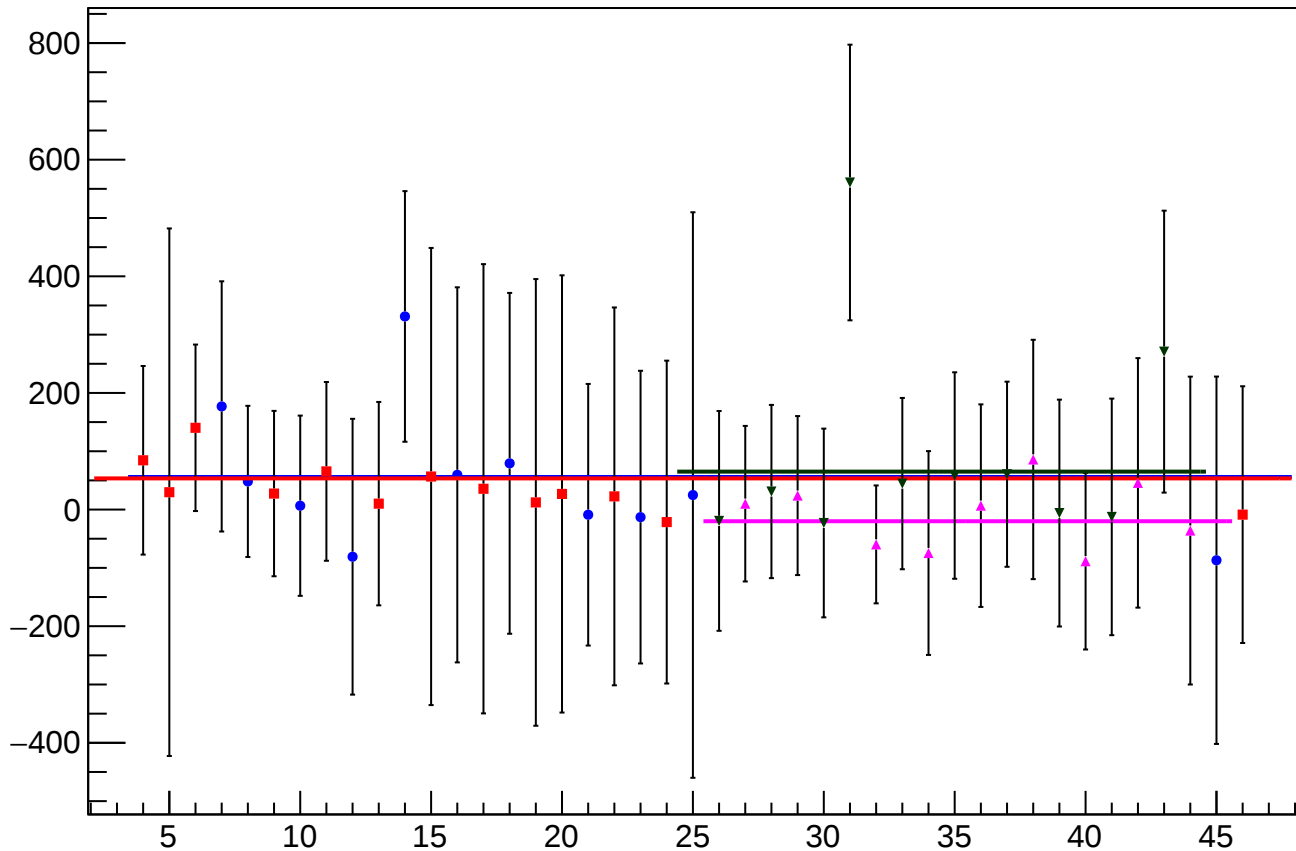
153.143+/-0.032 χ^2/NDF : 1288569.3/20

Right Out: 152.960+/-0.043 χ^2/NDF : 1181283.8/12

138.018+/-0.029 χ^2/NDF : 1756202.1/21

Left In: 126.212+/-0.039 χ^2/NDF :362614.3/8

asym_bcm_dg_ds_mean vs slug



Right In: 55.831 ± 65.361 $\chi^2/\text{NDF}: 2.8/10$

Left Out: 65.067 ± 56.313 $\chi^2/\text{NDF}: 6.0/9$

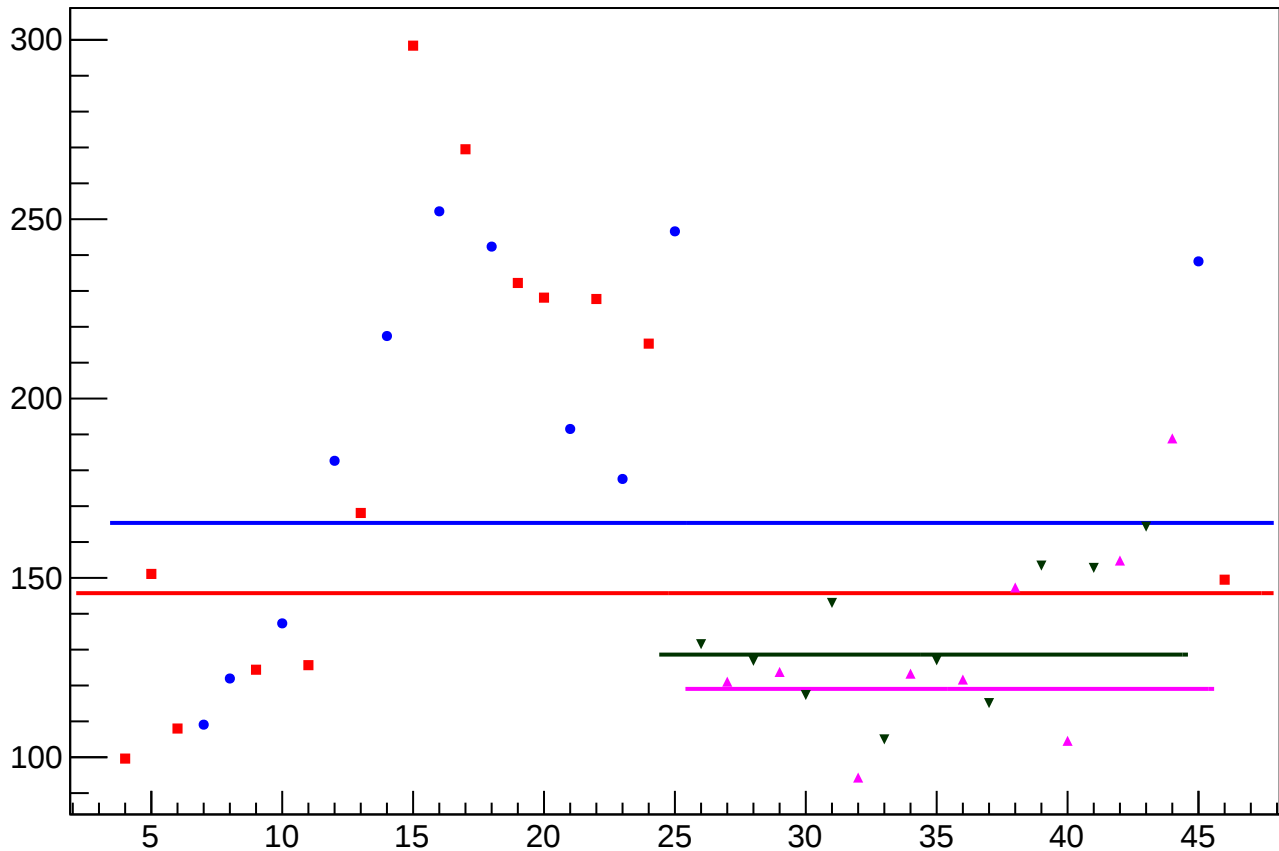
Right Out: 53.452 ± 58.952 $\chi^2/\text{NDF}: 0.7/12$

Left In: -19.993 ± 51.483 $\chi^2/\text{NDF}: 1.0/8$

61.132 ± 42.663 $\chi^2/\text{NDF}: 8.8/20$

11.785 ± 38.777 $\chi^2/\text{NDF}: 2.6/21$

asym_bcm_dg_ds_rms vs slug



Right In: 165.328+/-0.046 χ^2/NDF : 1035617.7/10

Left Out: 128.616+/-0.040 χ^2/NDF : 188850.5/9

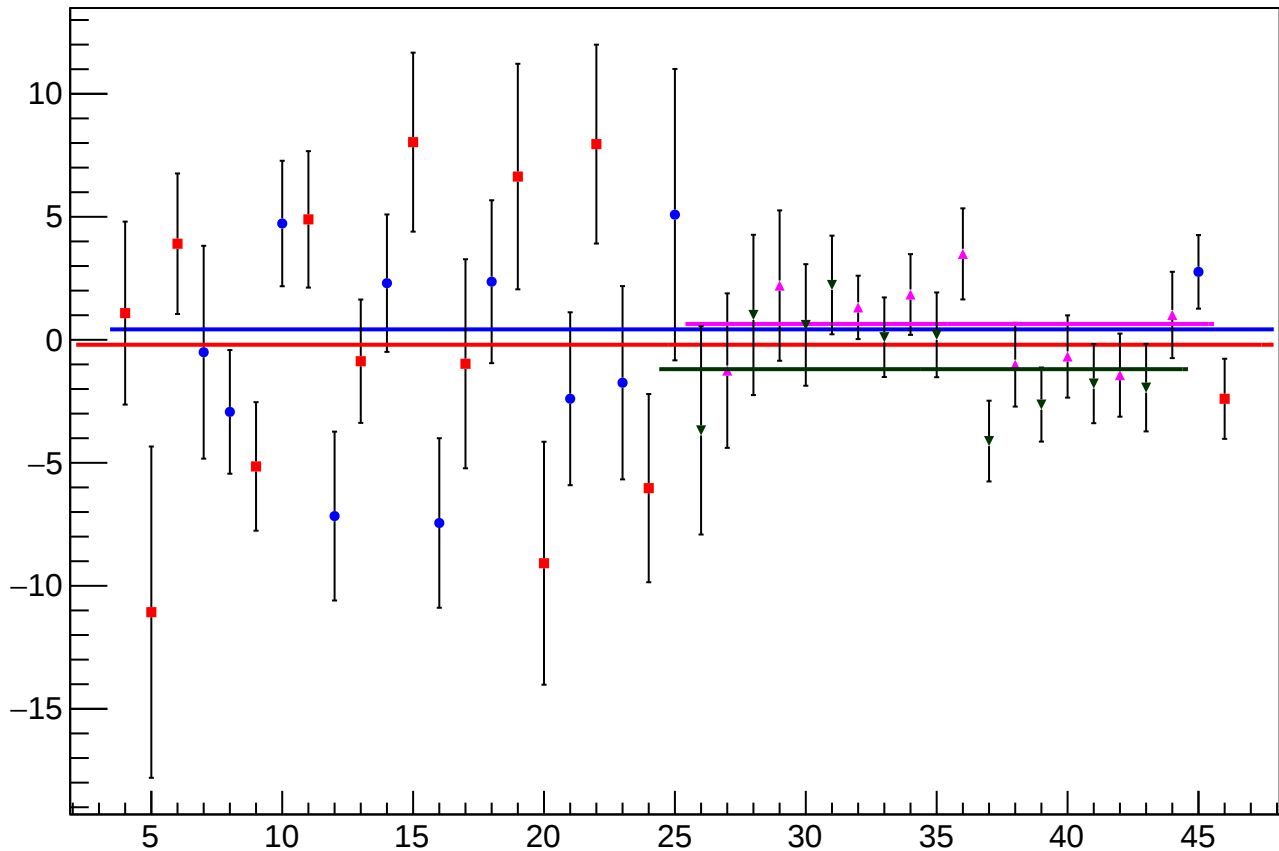
144.257+/-0.030 χ^2/NDF : 1586615.4/20

Right Out: 145.744+/-0.042 χ^2/NDF : 1378439.4/12

130.602+/-0.027 χ^2/NDF : 1987232.3/21

Left In: 119.054+/-0.036 χ^2/NDF : 376220.0/8

asym_cav4bQ_mean vs slug



Right In: 0.425+/-0.853 χ^2/NDF : 19.6/10

Left Out: -1.193+/-0.598 χ^2/NDF : 9.9/9

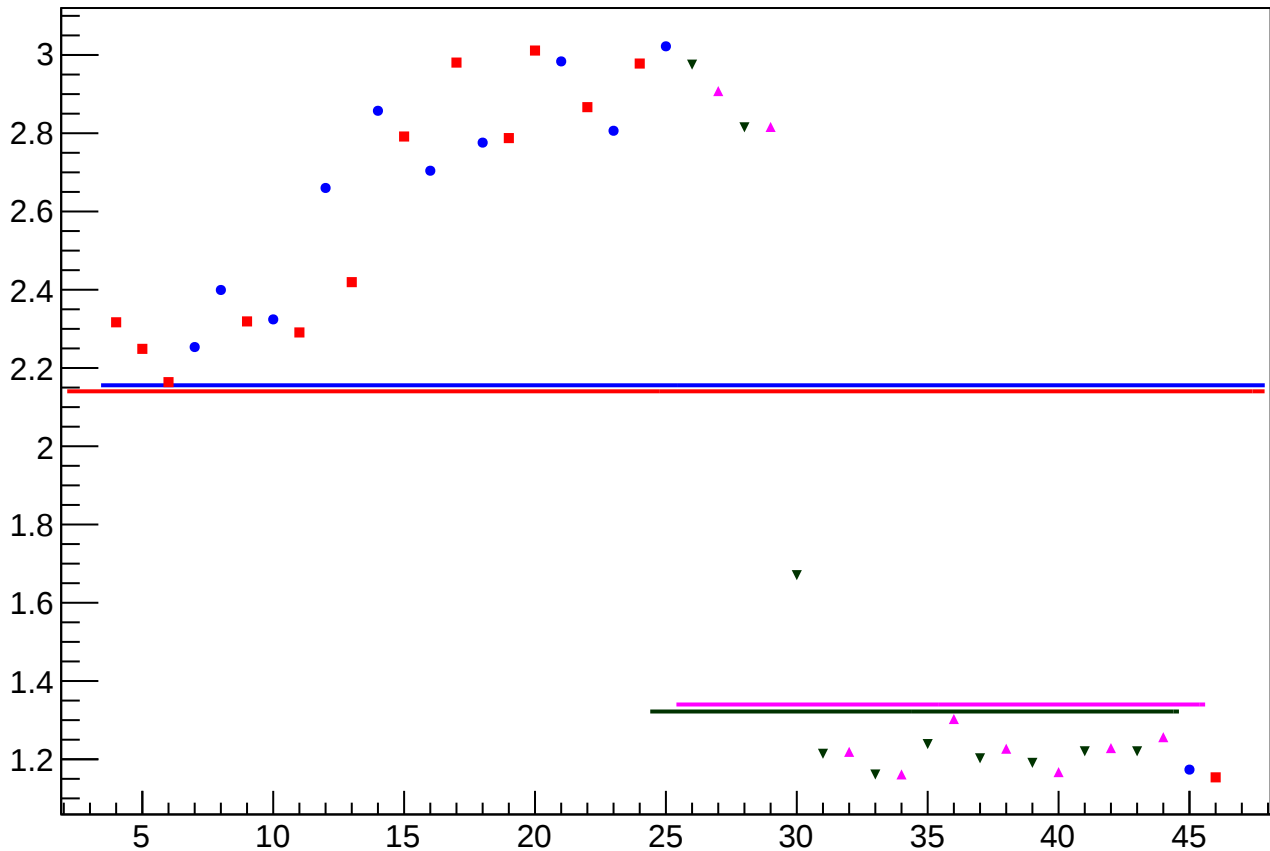
Right Out: -0.200+/-0.852 χ^2/NDF : 30.7/12

Left In: 0.645+/-0.592 χ^2/NDF : 6.9/8

-0.660+/-0.490 χ^2/NDF : 31.9/20

0.370+/-0.486 χ^2/NDF : 38.3/21

asym_cav4bQ_rms vs slug



Right In: 2.156 $\pm$ 0.001 χ^2/NDF : 1389784.1/10

Left Out: 1.322 $\pm$ 0.000 χ^2/NDF : 835682.2/9

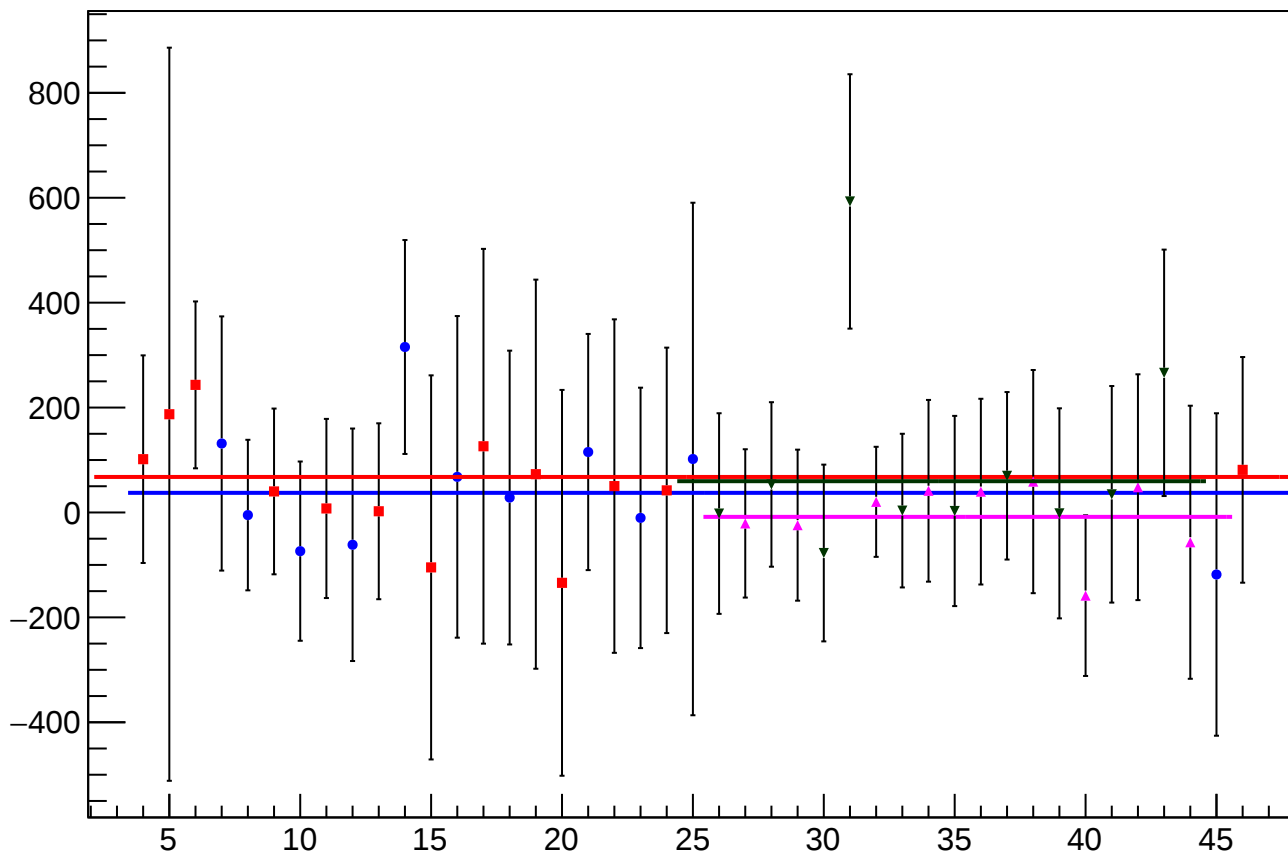
Right Out: 2.140 $\pm$ 0.001 χ^2/NDF : 1184297.3/12

Left In: 1.340 $\pm$ 0.000 χ^2/NDF : 1050714.6/8

1.597 $\pm$ 0.000 χ^2/NDF : 3506867.0/20

1.601 $\pm$ 0.000 χ^2/NDF : 3426035.0/21

asym_cav4cQ_mean vs slug



Right In: 37.421 ± 67.672 χ^2/NDF : 3.2/10

Left Out: 59.618 ± 57.448 χ^2/NDF : 6.7/9

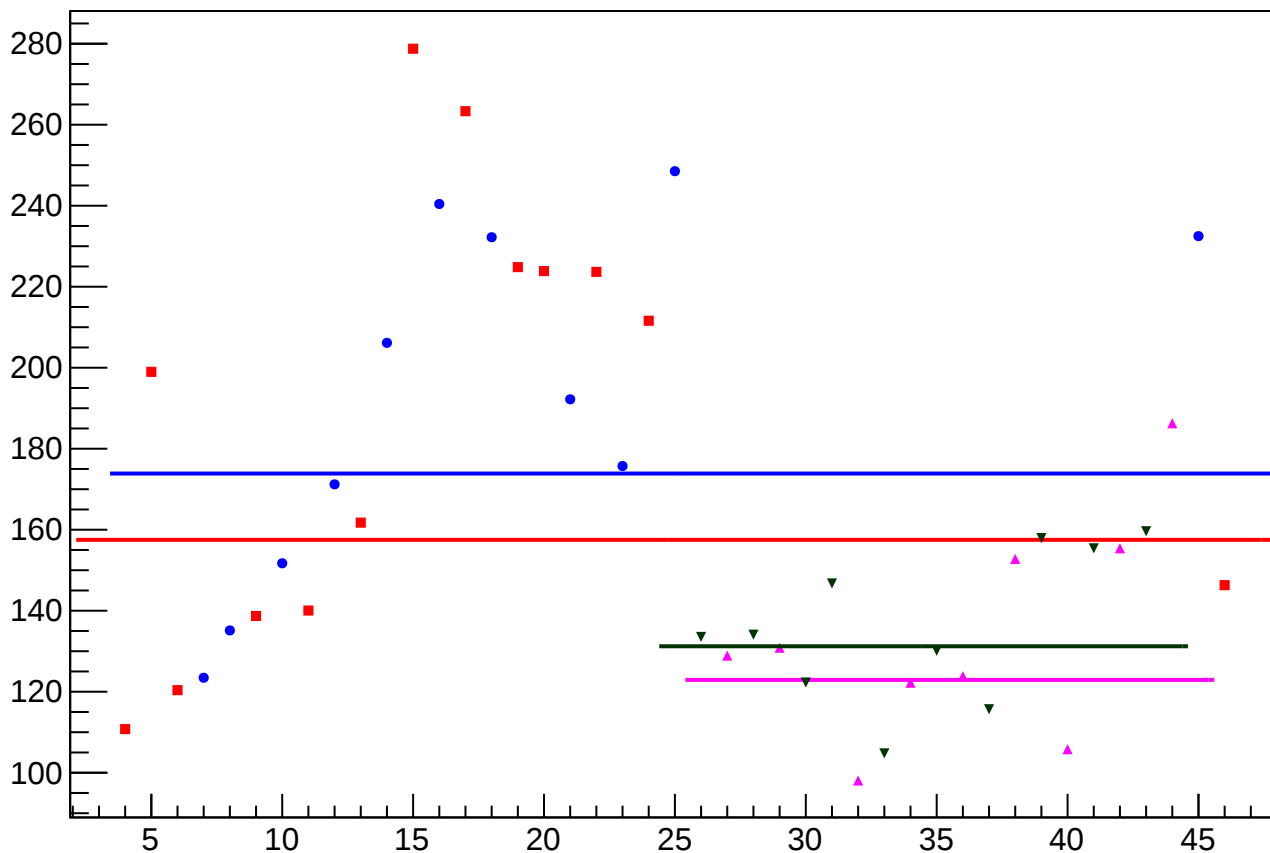
Right Out: 67.714 ± 63.096 χ^2/NDF : 2.1/12

Left In: -8.384 ± 53.045 χ^2/NDF : 1.4/8

50.321 ± 43.796 χ^2/NDF : 10.0/20

23.129 ± 40.603 χ^2/NDF : 4.4/21

asym_cav4cQ_rms vs slug



Right In: 173.872 $\pm$ 0.048 χ^2/NDF : 630165.3/10

Left Out: 131.224 $\pm$ 0.041 χ^2/NDF : 191308.6/9

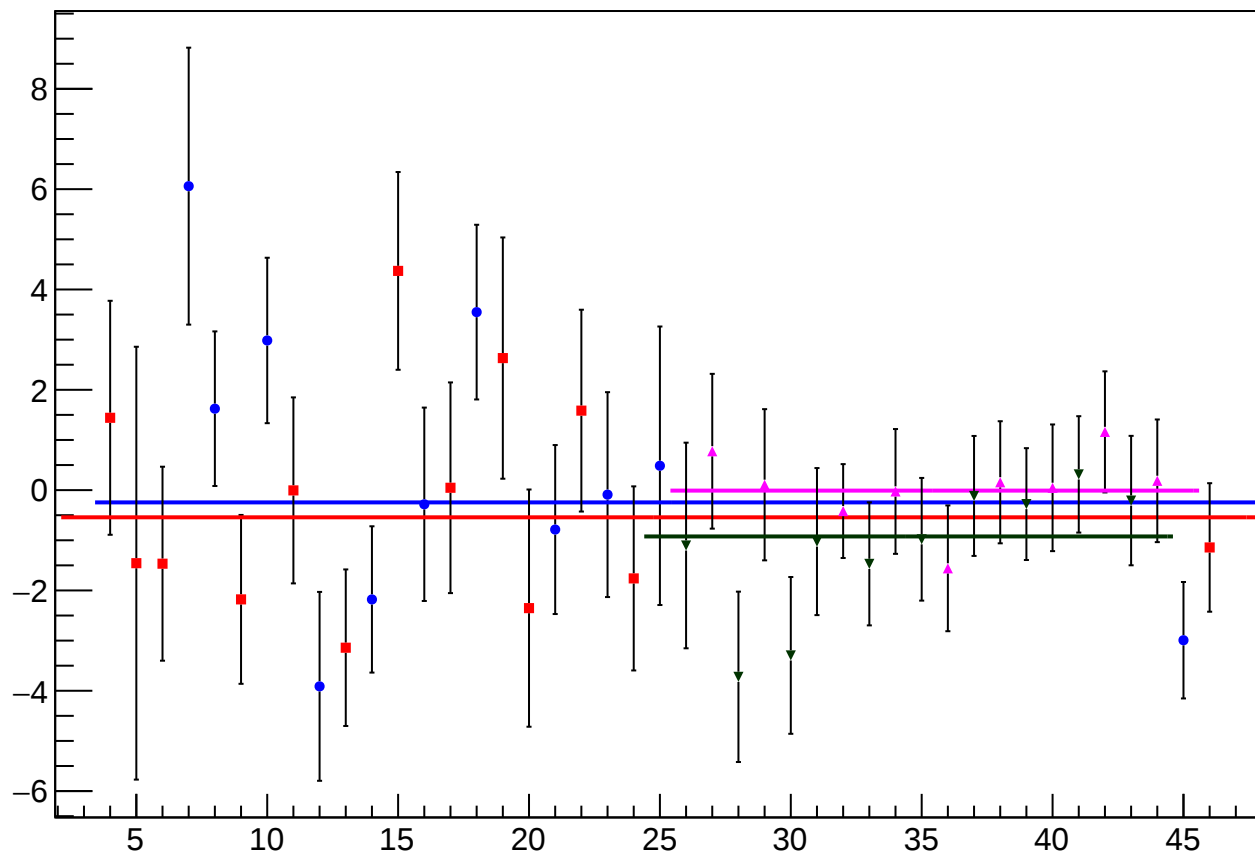
Right Out: 157.503 $\pm$ 0.045 χ^2/NDF : 957597.2/12

Left In: 122.920 $\pm$ 0.038 χ^2/NDF : 350338.0/8

149.086 $\pm$ 0.031 χ^2/NDF : 1283112.5/20

137.241 $\pm$ 0.029 χ^2/NDF : 1659952.9/21

asym_cav4dQ_mean vs slug



Right In: -0.245 ± 0.517 χ^2/NDF : 26.6/10

Left Out: -0.924 ± 0.421 χ^2/NDF : 7.5/9

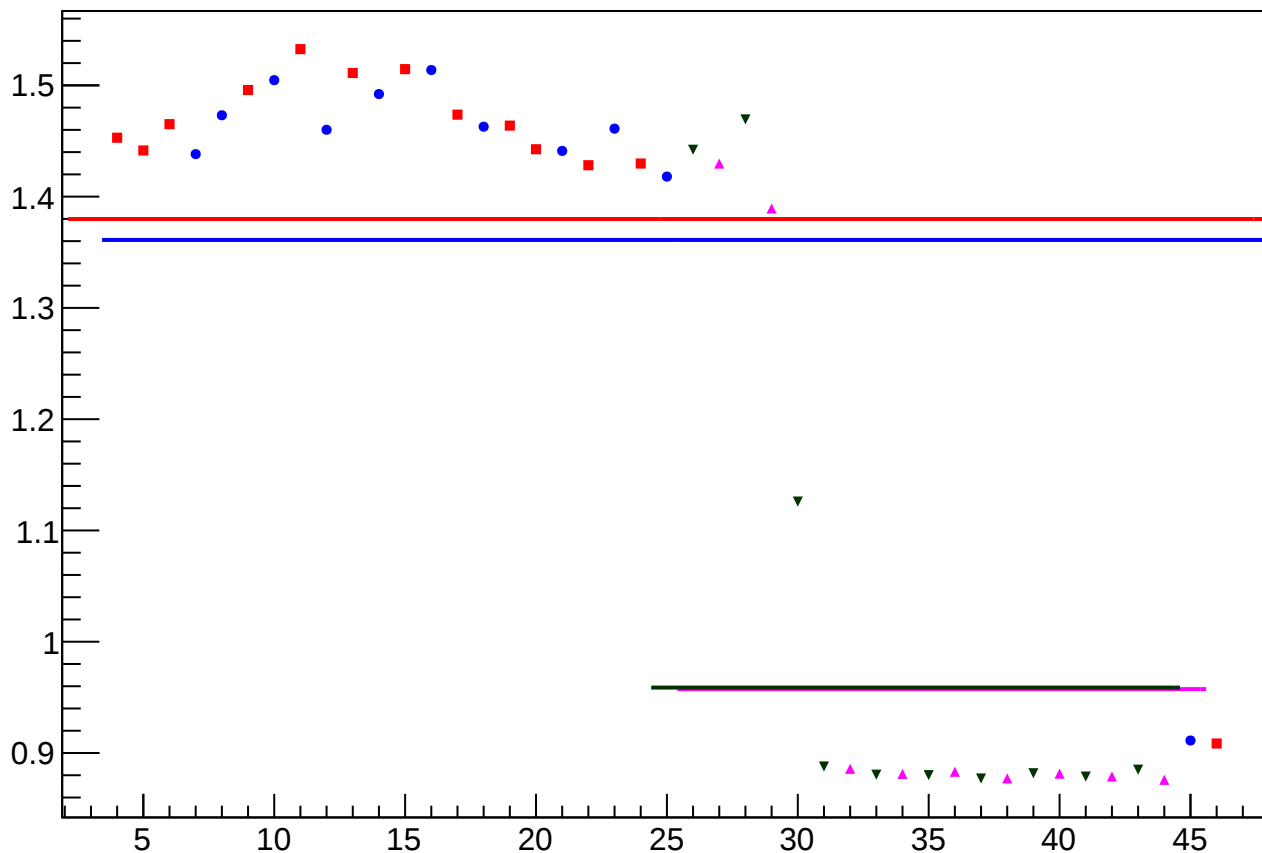
Right Out: -0.542 ± 0.531 χ^2/NDF : 15.2/12

Left In: -0.010 ± 0.410 χ^2/NDF : 3.0/8

-0.653 ± 0.327 χ^2/NDF : 35.1/20

-0.209 ± 0.325 χ^2/NDF : 18.8/21

asym_cav4dQ_rms vs slug



Right In: 1.361+/-0.000 χ^2/NDF : 378906.3/10

Left Out: 0.959+/-0.000 χ^2/NDF :370902.6/9

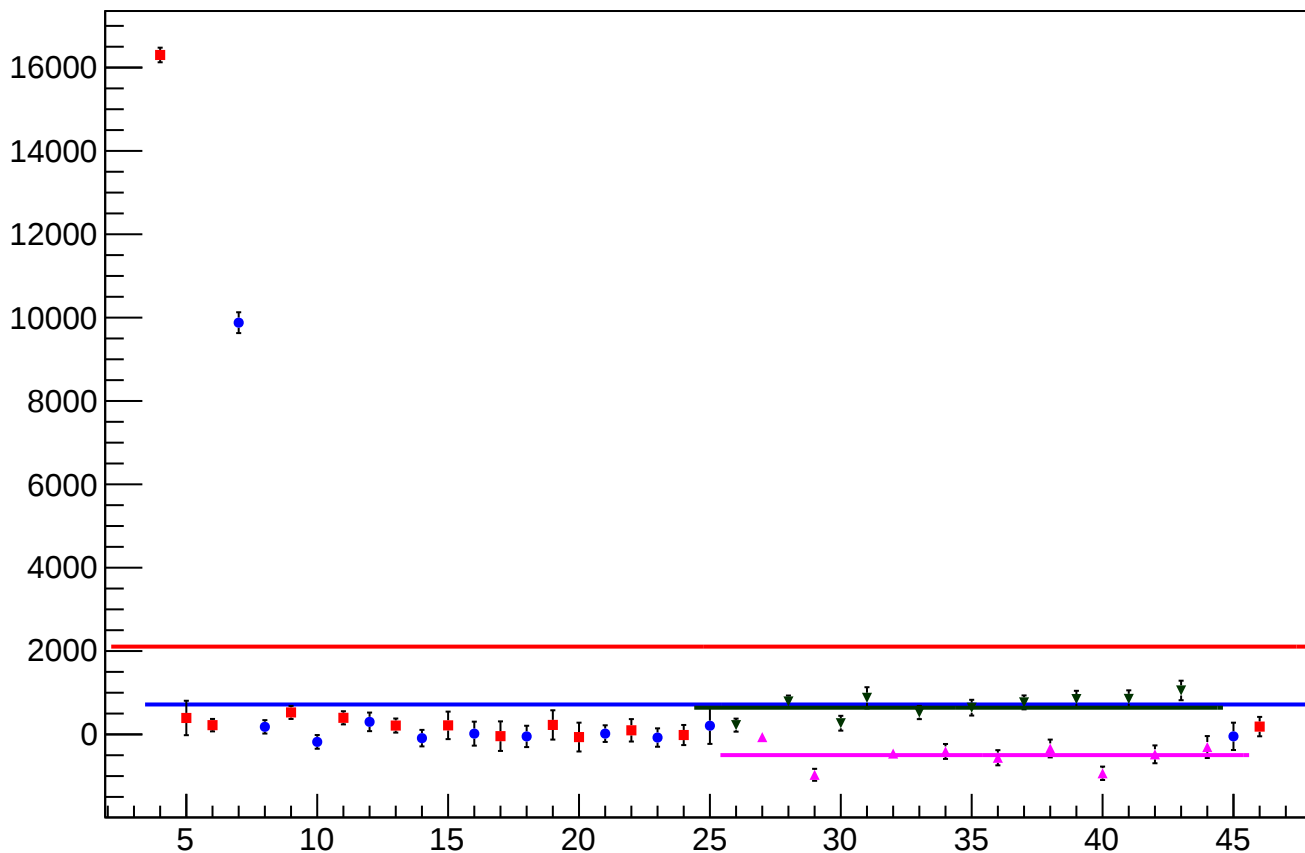
Right Out: 1.380+/-0.000 χ^2/NDF : 333987.5/12

Left In: 0.957+/-0.000 χ^2/NDF :411162.2/8

1.119+/-0.000 χ^2/NDF : 1477142.7/20

1.115+/-0.000 χ^2/NDF : 1538116.6/21

asym_bcm0l02_mean vs slug



Right In: 717.836 $\pm$ 66.707 χ^2/NDF : 1451.2/10

Left Out: 640.376 $\pm$ 56.927 χ^2/NDF : 19.9/9

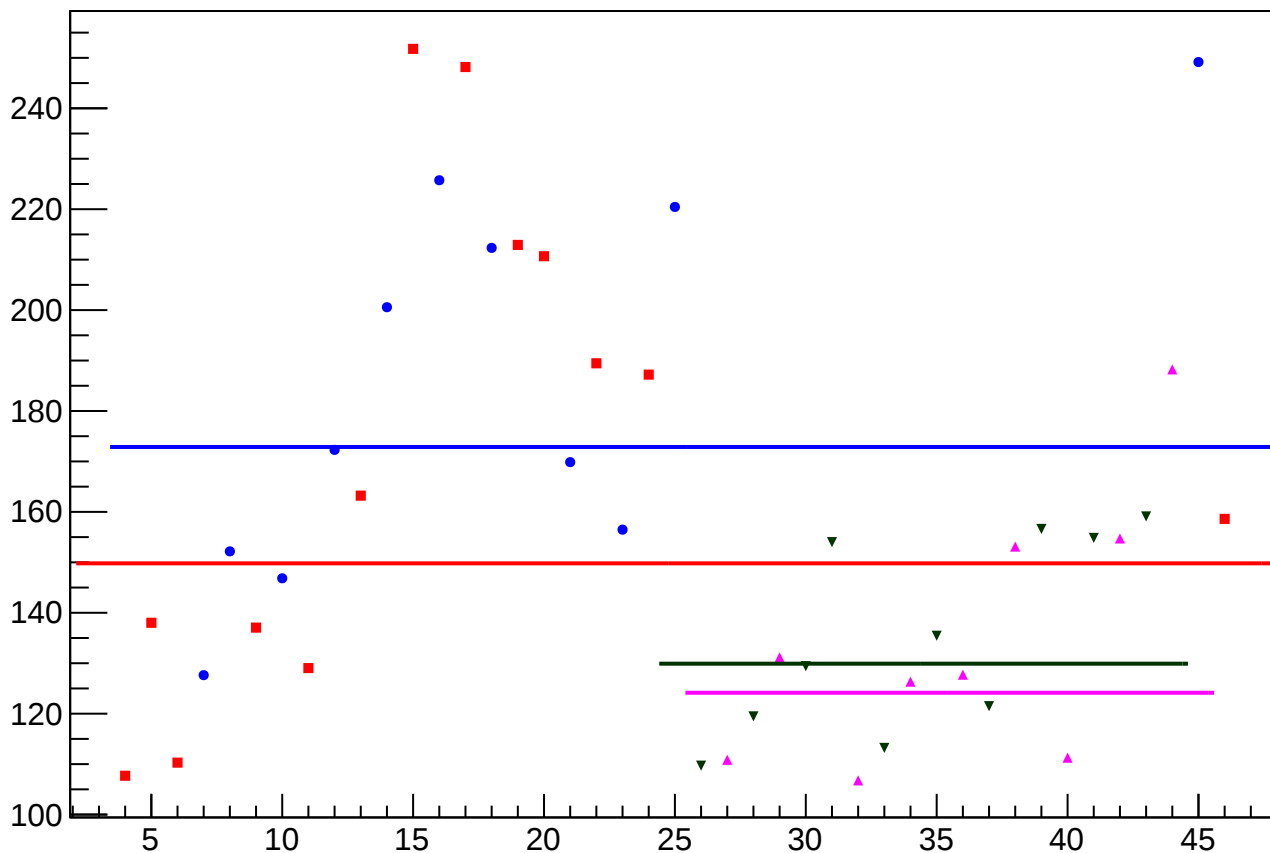
Right Out: 2106.295 $\pm$ 59.547 χ^2/NDF : 7403.2/12

Left In: -496.812 $\pm$ 53.314 χ^2/NDF : 32.4/8

673.016 $\pm$ 43.302 χ^2/NDF : 1471.9/20

661.409 $\pm$ 39.720 χ^2/NDF : 8496.4/21

asym_bcm0l02_rms vs slug



Right In: 172.868+/-0.047 χ^2/NDF : 446388.7/10

Left Out: 129.911+/-0.040 χ^2/NDF :188039.4/9

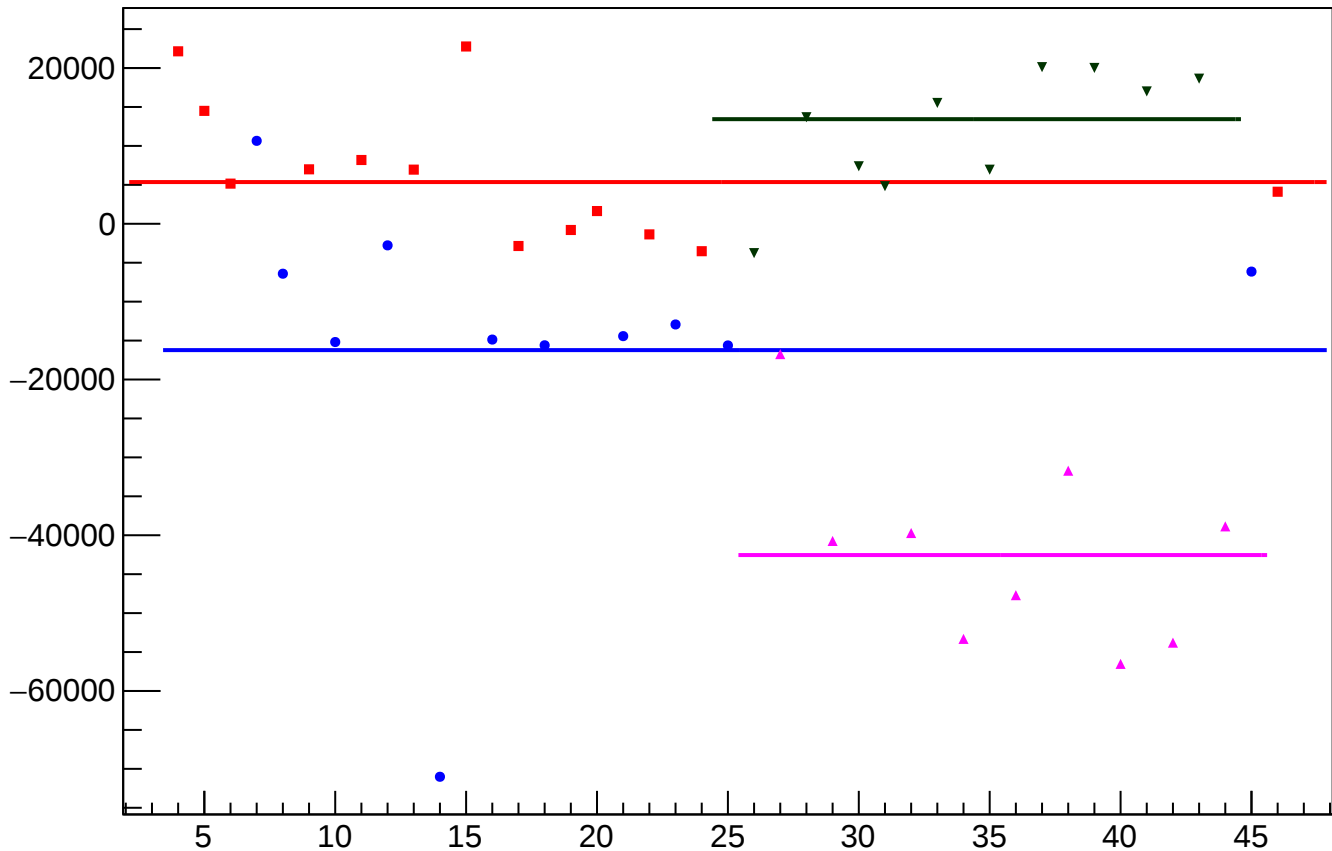
148.013+/-0.031 χ^2/NDF : 1114338.5/20

Right Out: 149.801+/-0.042 χ^2/NDF : 882903.8/12

135.562+/-0.028 χ^2/NDF : 1374456.9/21

Left In: 124.148+/-0.038 χ^2/NDF :285531.8/8

asym_bpm2i01WS_mean vs slug



Right In: -16224.335+/-44.155 χ^2/NDF : 209674.4/10

Left Out: 13435.021+/-42.371 χ^2/NDF : 28229.6/9

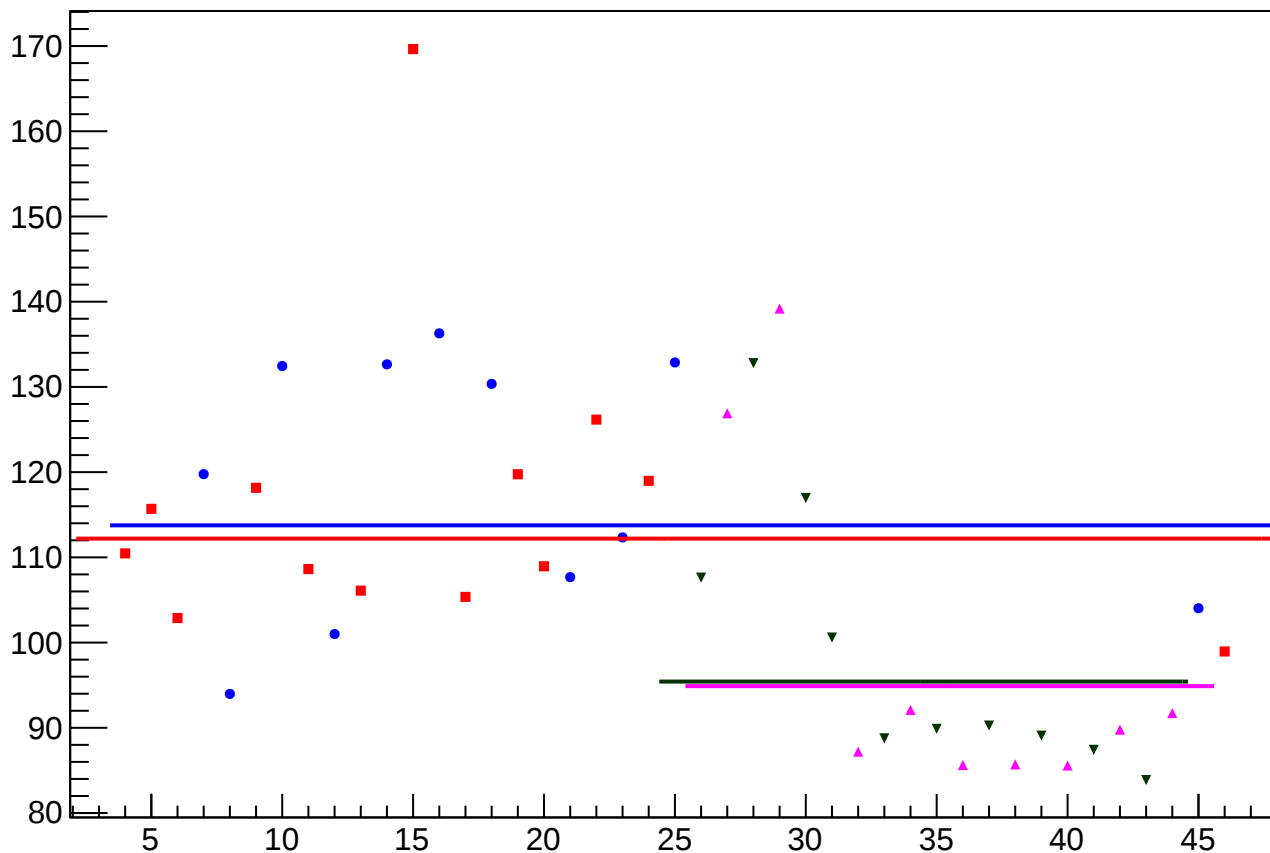
-783.615+/-30.572 χ^2/NDF : 472799.6/20

Right Out: 5357.530+/-44.071 χ^2/NDF : 24740.9/12

-20070.400+/-30.187 χ^2/NDF : 723265.2/21

Left In: -42544.240+/-41.432 χ^2/NDF : 71406.7/8

asym_bpm2i01WS_rms vs slug



Right In: 113.756+/-0.031 χ^2/NDF : 245343.4/10

Left Out: 95.426+/-0.030 χ^2/NDF :200660.2/9

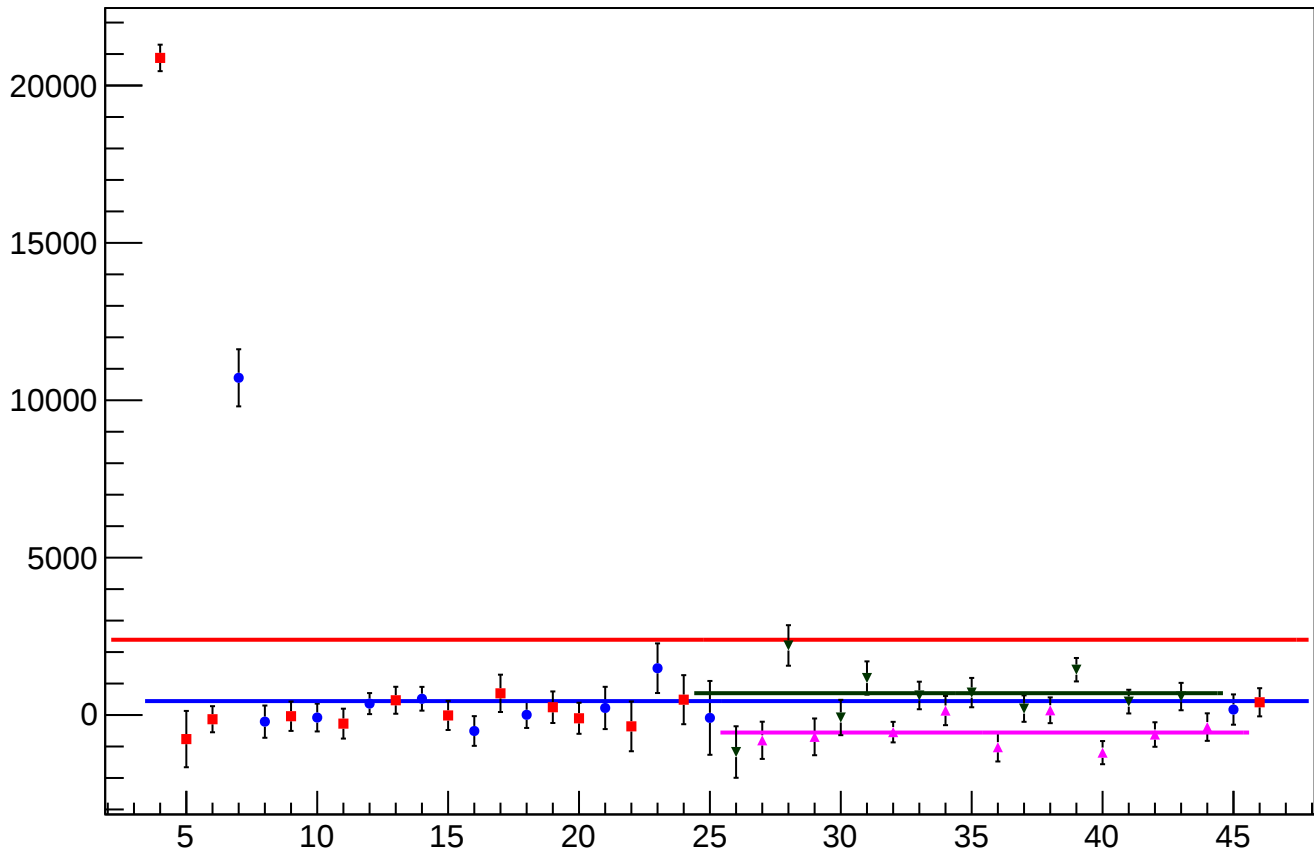
104.213+/-0.022 χ^2/NDF : 625444.5/20

Right Out: 112.202+/-0.031 χ^2/NDF : 182007.5/12

103.012+/-0.021 χ^2/NDF : 660478.1/21

Left In: 94.889+/-0.029 χ^2/NDF :314634.4/8

asym_bpm0i07WS_mean vs slug



Right In: 442.597+/-148.741 χ^2/NDF : 138.8/10

Left Out: 693.815+/-147.932 χ^2/NDF : 19.5/9

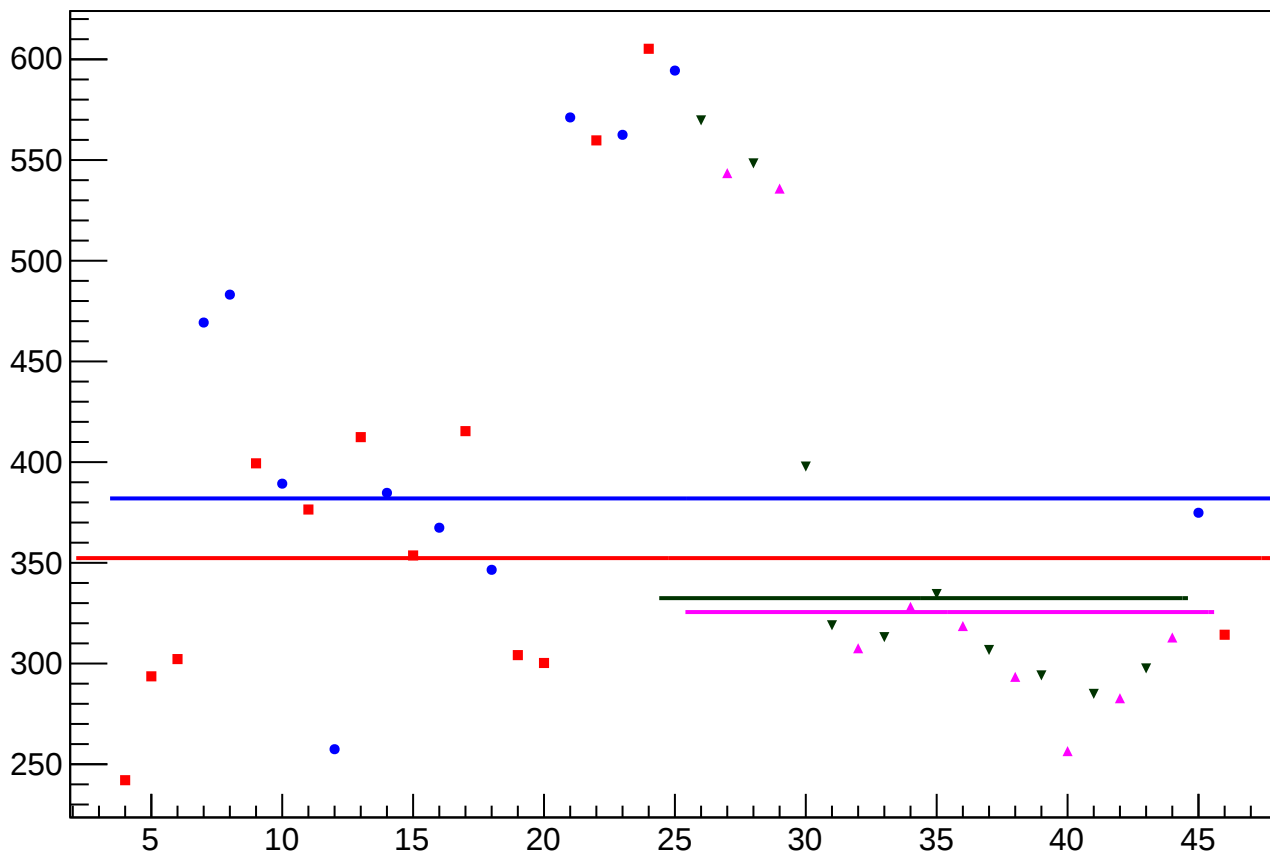
568.891+/-104.889 χ^2/NDF : 159.7/20

Right Out: 2391.615+/-139.952 χ^2/NDF : 2176.1/12

934.693+/-99.536 χ^2/NDF : 2405.1/21

Left In: -556.564+/-141.592 χ^2/NDF : 9.7/8

asym_bpm0i07WS_rms vs slug



Right In: 381.979 ± 0.105 χ^2/NDF : 720616.1/10

Left Out: 332.466 ± 0.105 χ^2/NDF : 498518.7/9

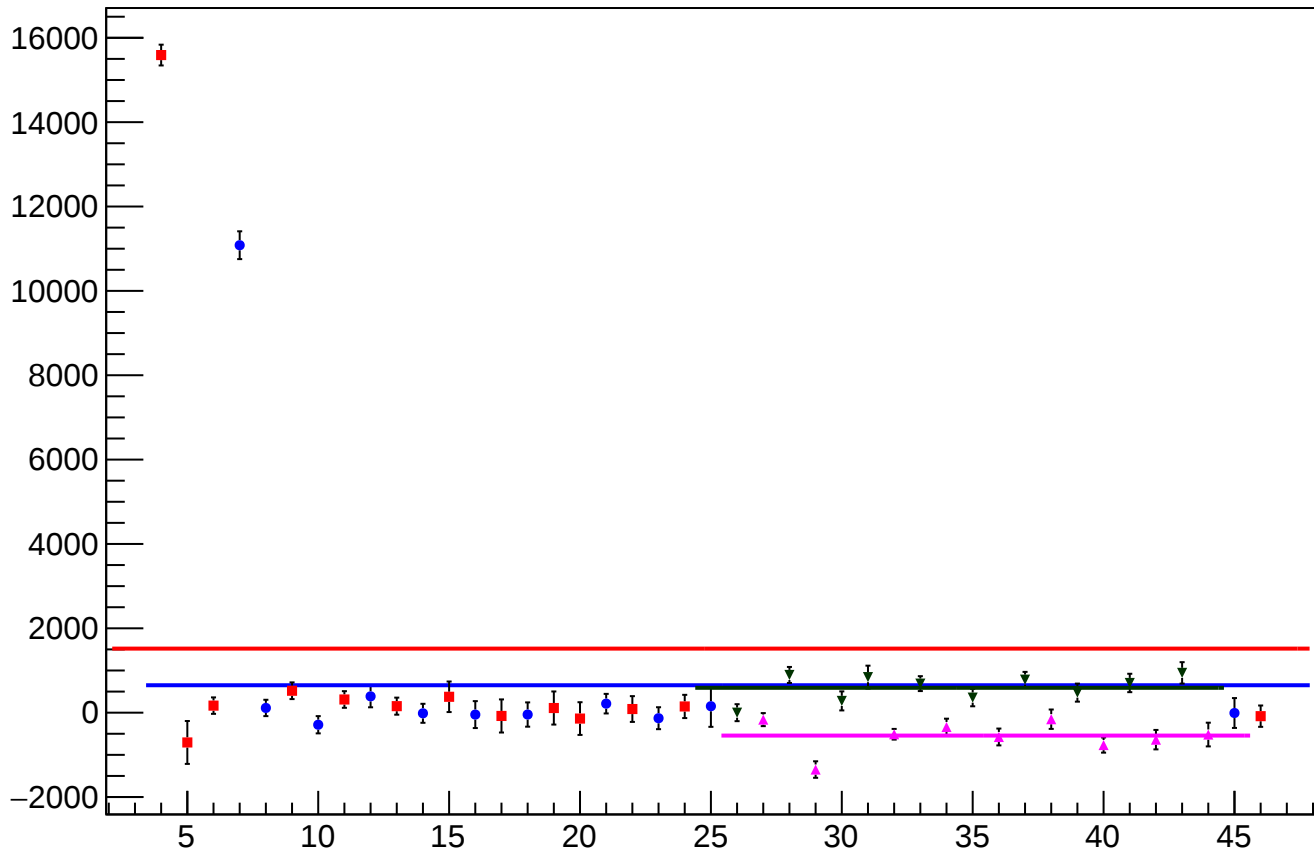
Right Out: 352.341 ± 0.099 χ^2/NDF : 666052.8/12

Left In: 325.557 ± 0.100 χ^2/NDF : 646591.2/8

357.087 ± 0.074 χ^2/NDF : 1330547.2/20

339.105 ± 0.070 χ^2/NDF : 1348843.4/21

asym_bpm0l01WS_mean vs slug



Right In: 650.411+/-78.639 χ^2/NDF : 1067.6/10

Left Out: 589.690+/-66.057 χ^2/NDF : 19.1/9

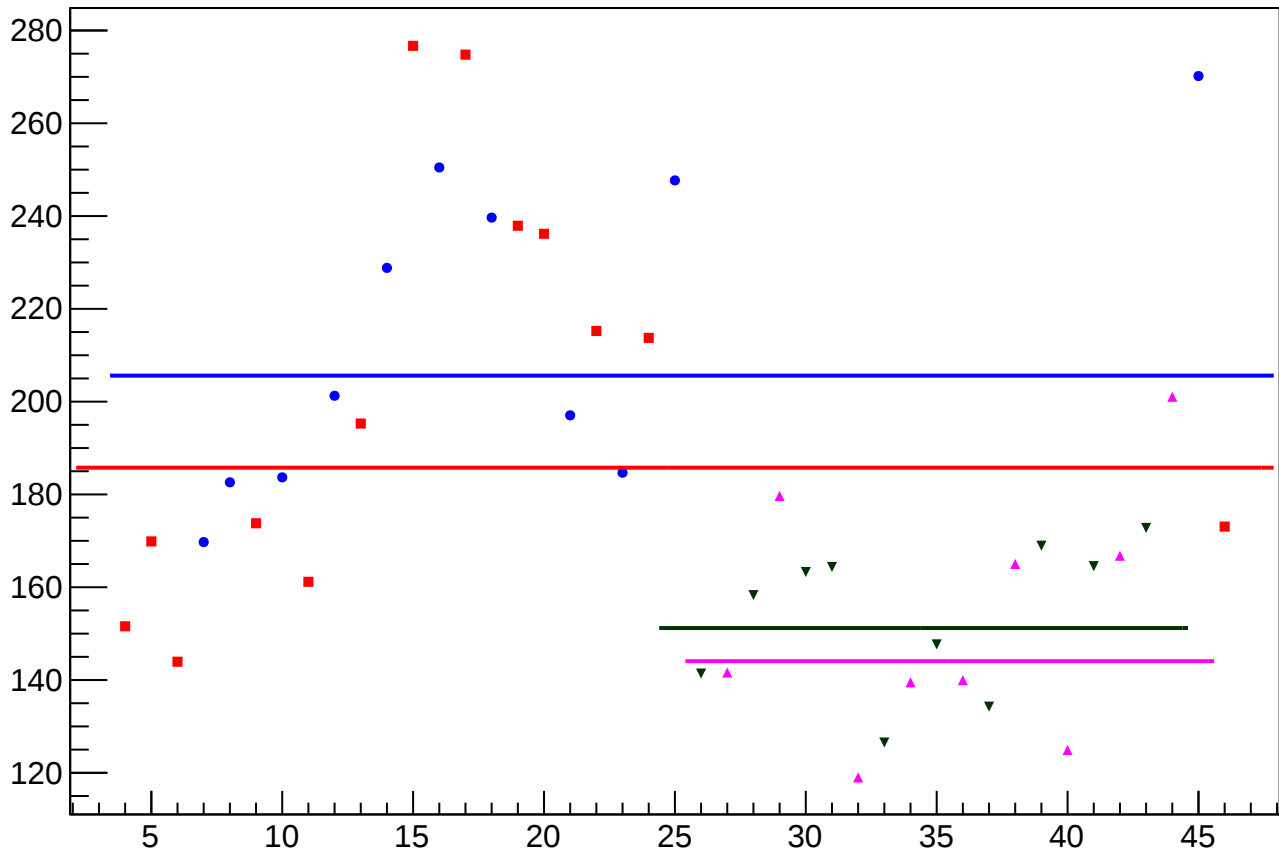
Right Out: 1518.909+/-72.710 χ^2/NDF : 3582.3/12

Left In: -542.908+/-61.747 χ^2/NDF : 28.6/8

614.810+/-50.580 χ^2/NDF : 1087.1/20

321.005+/-47.066 χ^2/NDF : 4078.1/21

asym_bpm0l01WS_rms vs slug



Right In: 205.610+/-0.056 χ^2/NDF : 261201.6/10

Left Out: 151.207+/-0.047 χ^2/NDF :110209.2/9

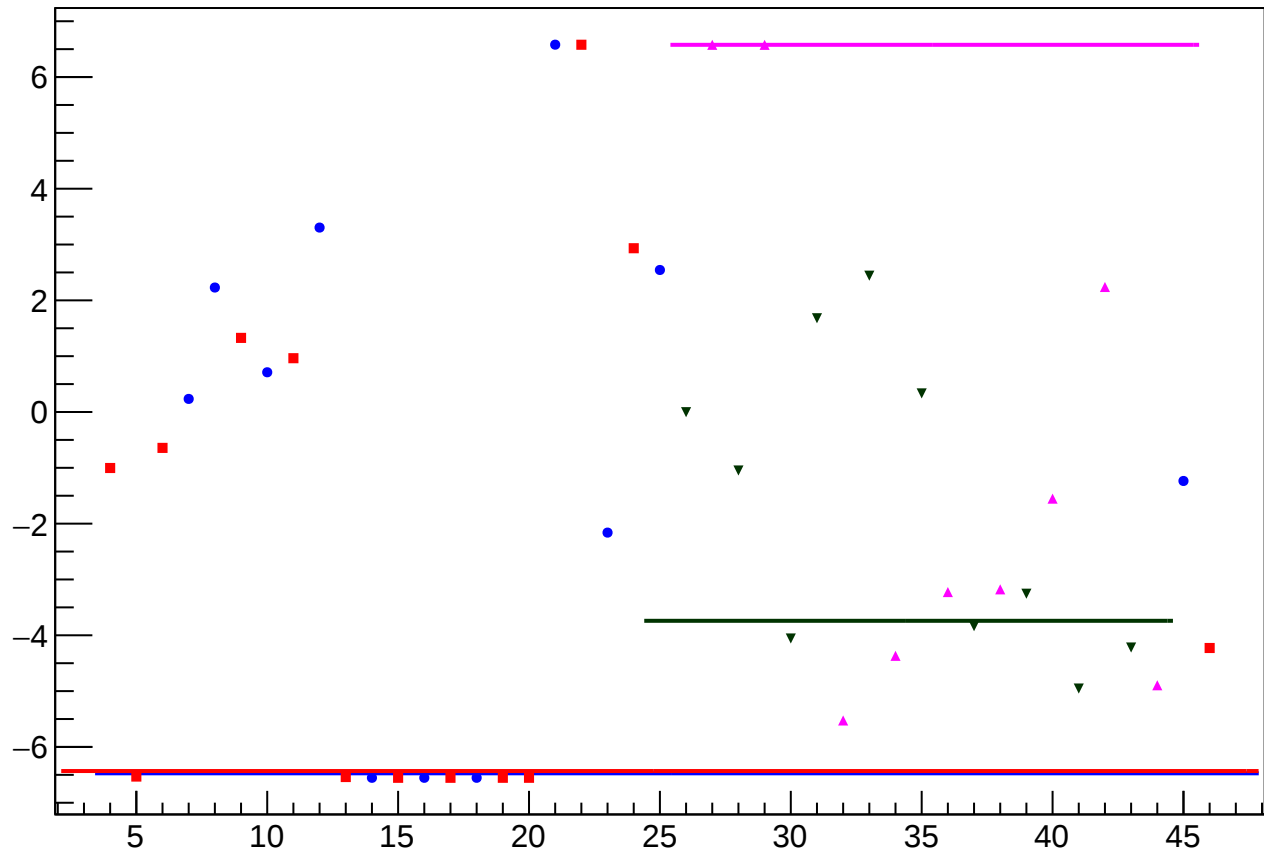
Right Out: 185.770+/-0.051 χ^2/NDF : 517789.1/12

Left In: 144.061+/-0.044 χ^2/NDF :287746.6/8

173.713+/-0.036 χ^2/NDF : 932634.3/20

161.537+/-0.033 χ^2/NDF : 1187890.2/21

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847930592331.1/10

-6.473+/-0.000 χ^2/NDF : 127847954975213.3/2

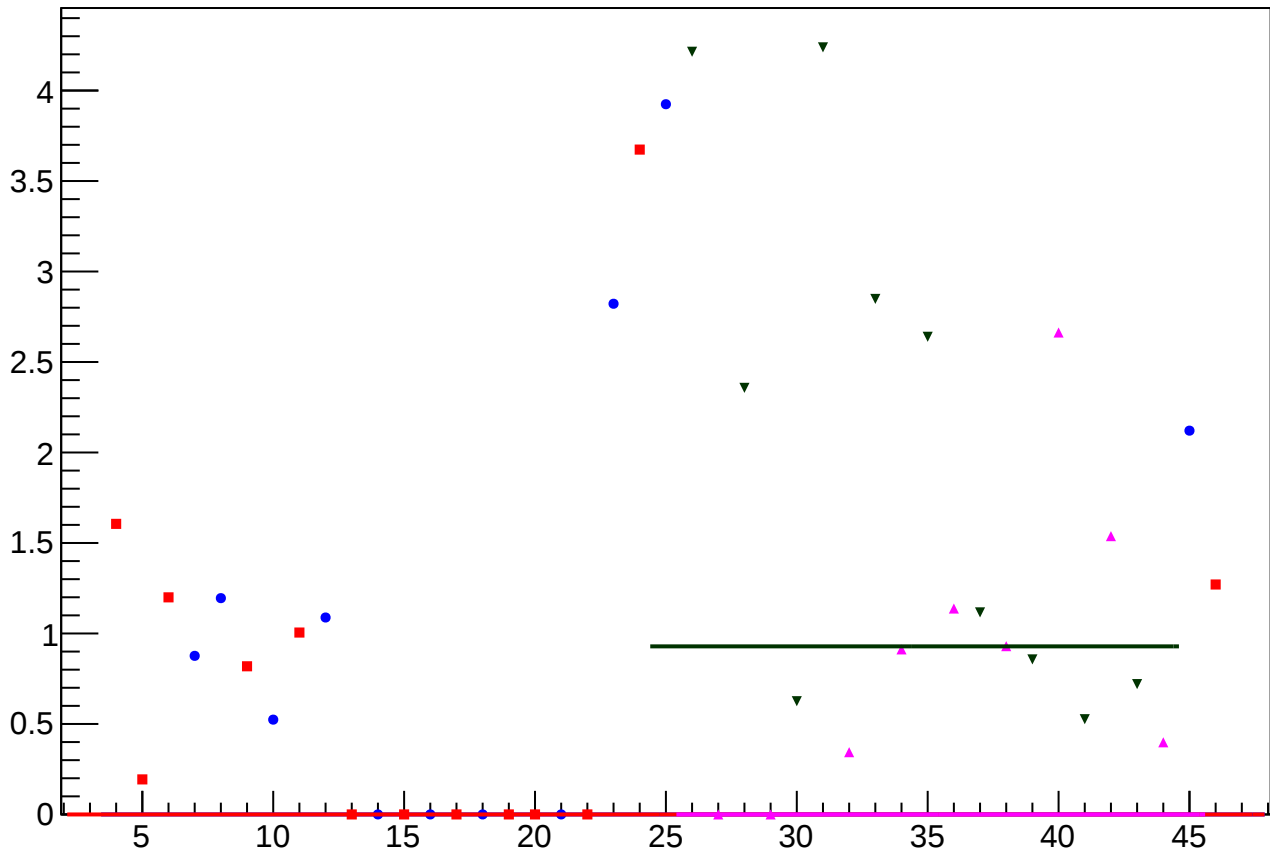
Left Out: -3.741+/-0.001 χ^2/NDF : 5731885.1/9

Right Out: -6.432+/-0.000 χ^2/NDF : 150837602507678.5/12

-6.315+/-0.000 χ^2/NDF : 297092112191161.9/2

Left In: 6.578+/-0.000 χ^2/NDF : 822807717.8/8

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5250530.2/10

Left Out: 0.929+/-0.000 χ^2/NDF :2482114.1/9

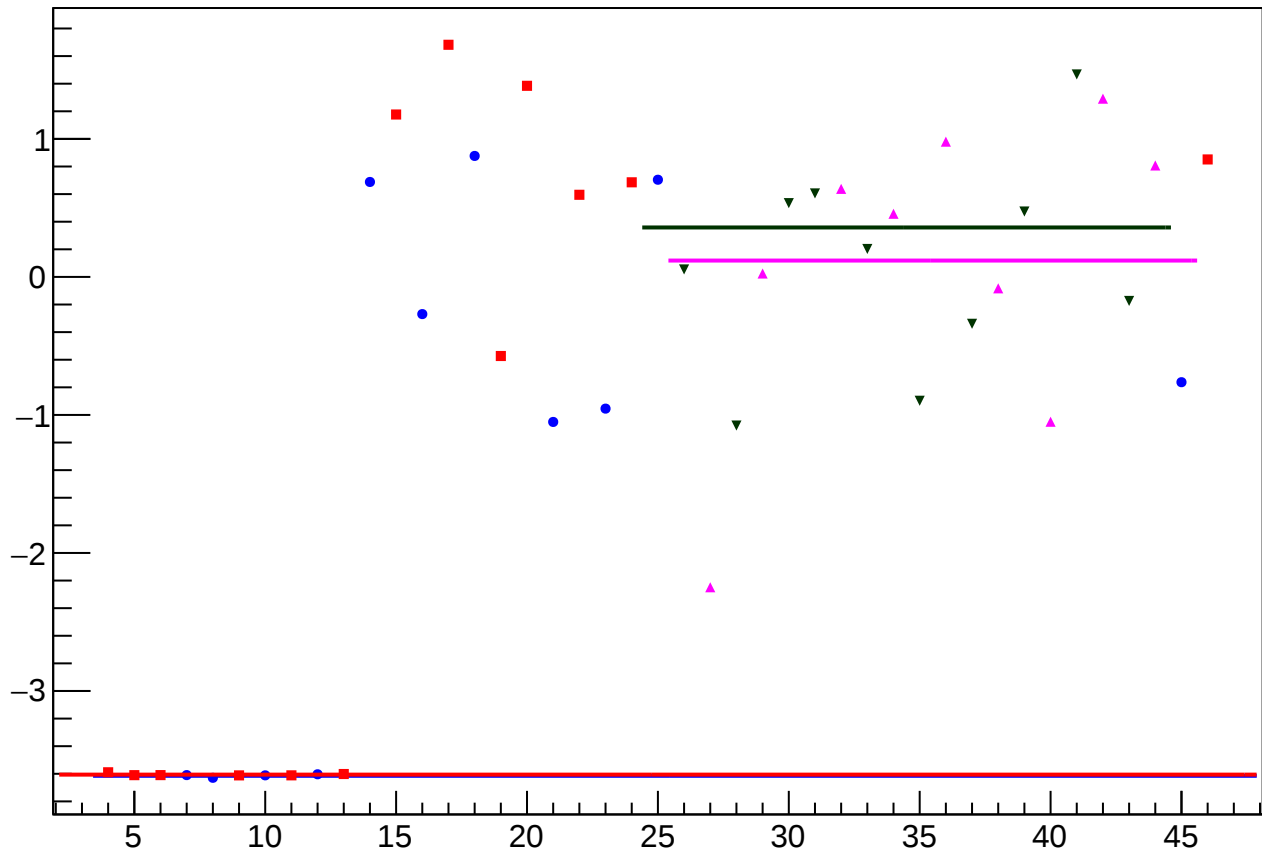
0.000+/-0.000 χ^2/NDF : 12042123.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 4738639.9/12

0.000+/-0.000 χ^2/NDF : 9370182.8/21

Left In: 0.000+/-0.000 χ^2/NDF :4631448.1/8

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49067712991.6/10

Left Out: 0.358+/-0.000 χ^2/NDF : 6673360.6/9

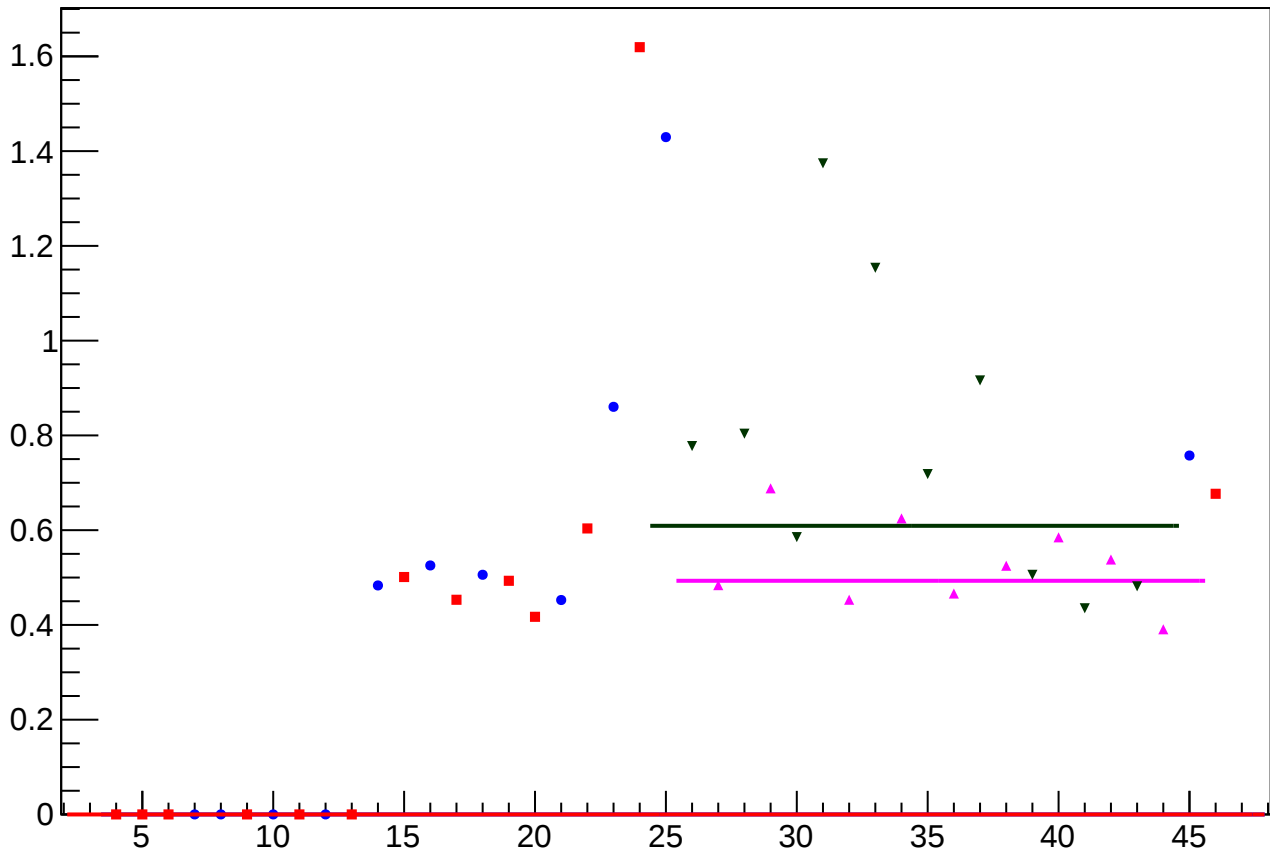
-3.614+/-0.000 χ^2/NDF : 49221954283.3/20

Right Out: -3.606+/-0.000 χ^2/NDF : 37766443339.0/12

-3.606+/-0.000 χ^2/NDF : 38005964706.3/21

Left In: 0.119+/-0.000 χ^2/NDF : 20120606.4/8

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 6661785.8/10

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

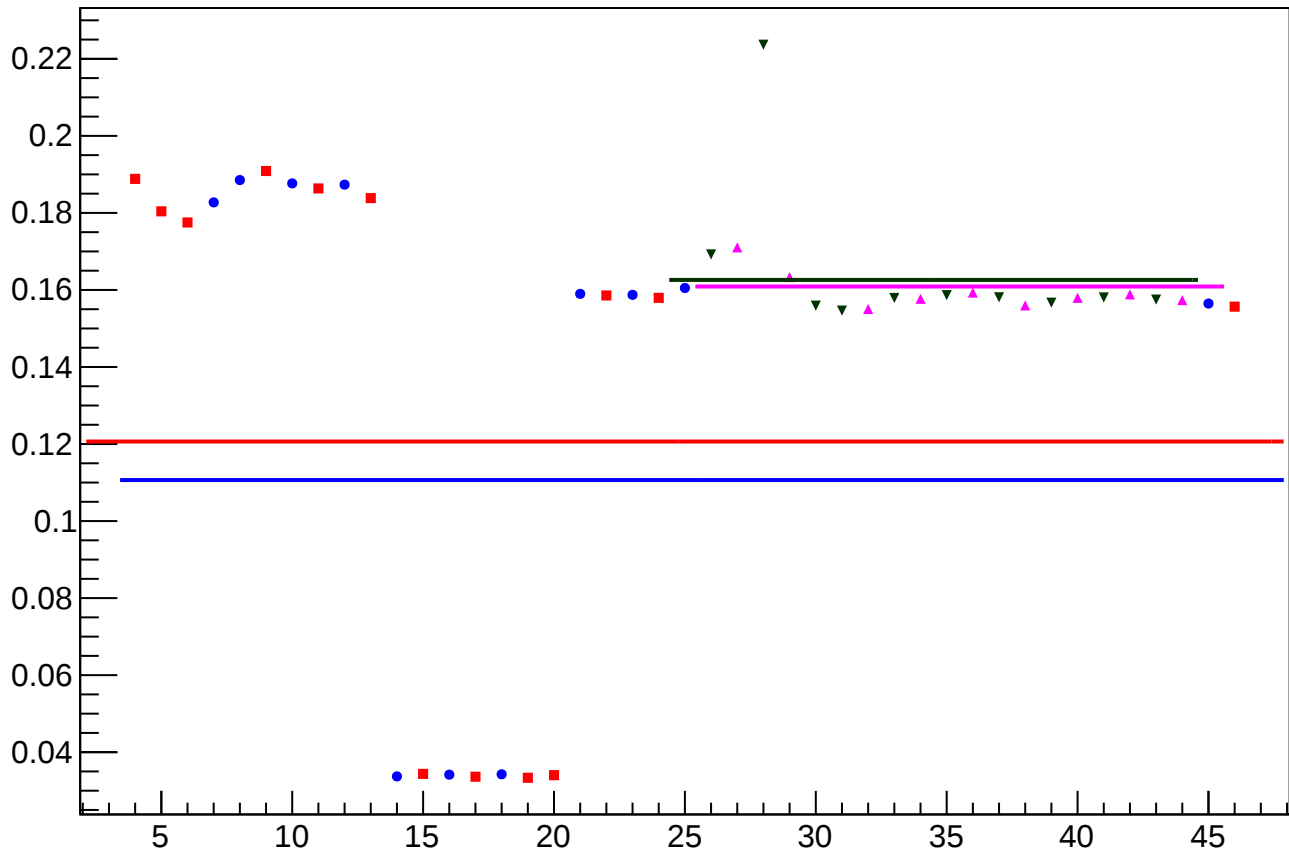
0.000+/-0.000 χ^2/NDF : 14399157.8/20

Right Out: 0.000+/-0.000 χ^2/NDF : 4962587.1/12

0.000+/-0.000 χ^2/NDF : 12867420.4/21

Left In: 0.493+/-0.000 χ^2/NDF : 214040.2/8

yield_cav4cX_mean vs slug



Right In: 0.111 $\pm$ 0.000 χ^2 /NDF: 4639721768.9/10

Left Out: 0.163 $\pm$ 0.000 χ^2 /NDF:101593637.2/9

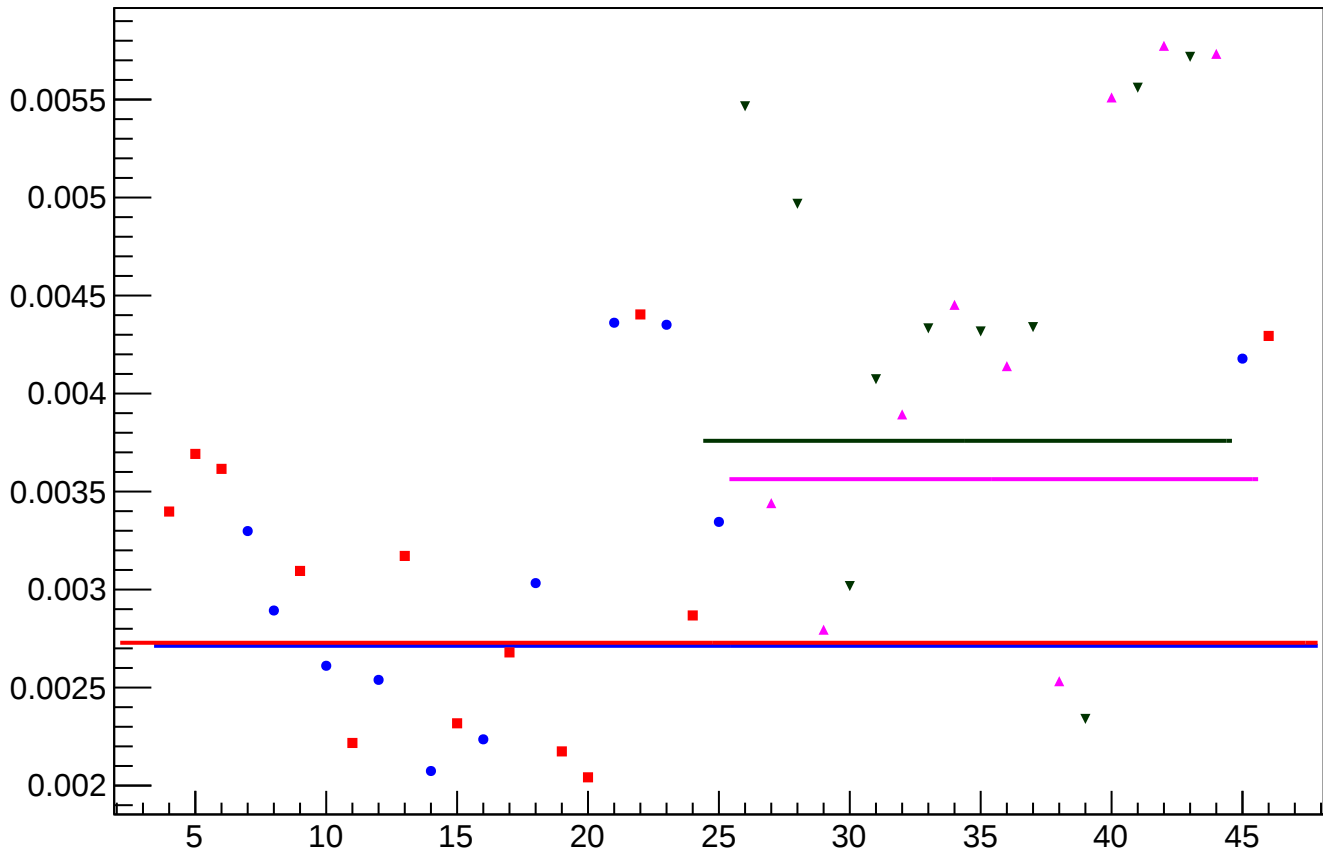
0.125 $\pm$ 0.000 χ^2 /NDF: 5377599727.7/20

Right Out: 0.121 $\pm$ 0.000 χ^2 /NDF: 4232892931.6/12

0.134 $\pm$ 0.000 χ^2 /NDF: 4670697129.4/21

Left In: 0.161 $\pm$ 0.000 χ^2 /NDF:11671584.7/8

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 787482.2/10

Left Out: 0.004+/-0.000 χ^2/NDF :884952.0/9

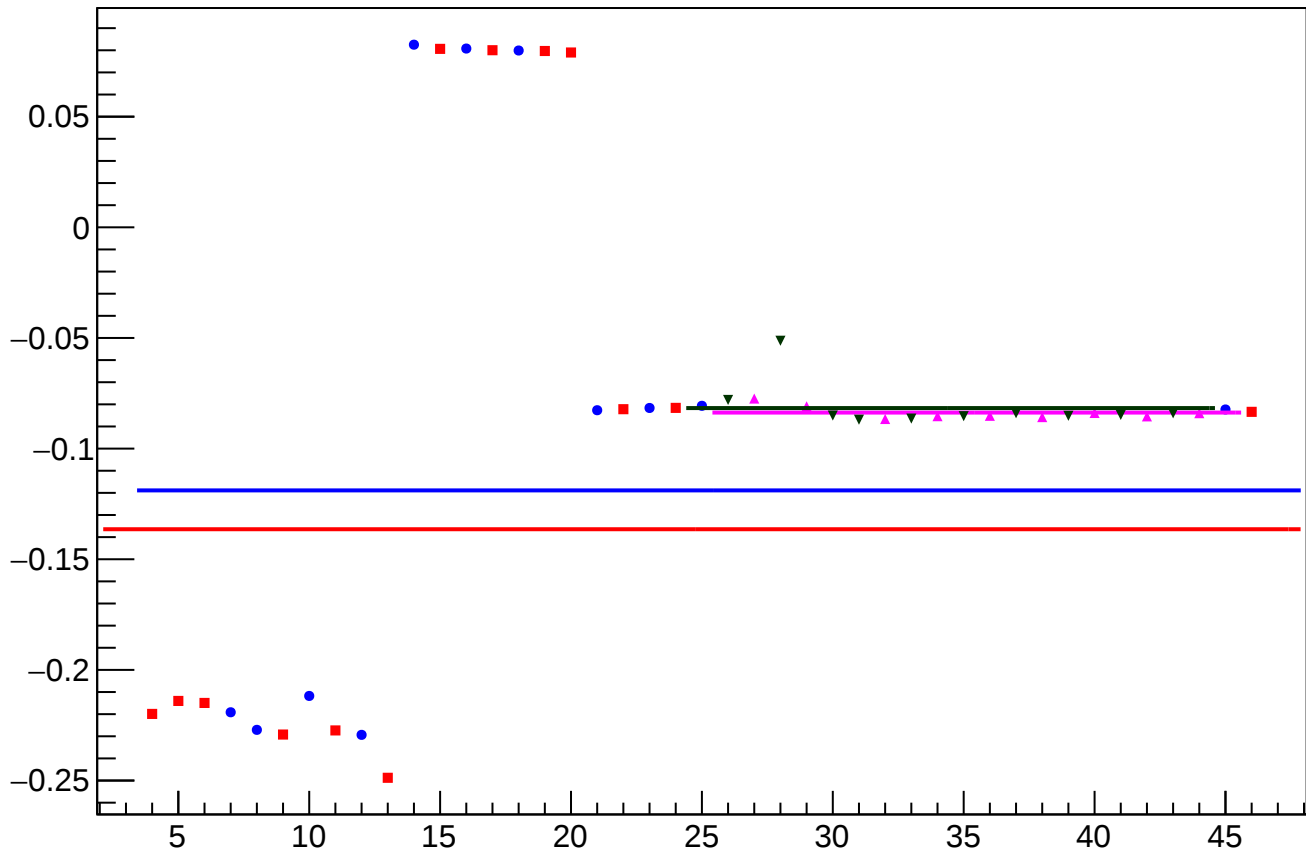
Right Out: 0.003+/-0.000 χ^2/NDF : 643183.1/12

Left In: 0.004+/-0.000 χ^2/NDF :752035.9/8

0.003+/-0.000 χ^2/NDF : 2187971.9/20

0.003+/-0.000 χ^2/NDF : 1761844.0/21

yield_cav4cY_mean vs slug



Right In: -0.119+/-0.000 χ^2/NDF : 9574697444.9/10

Left Out: -0.082+/-0.000 χ^2/NDF : 35856752.9/9

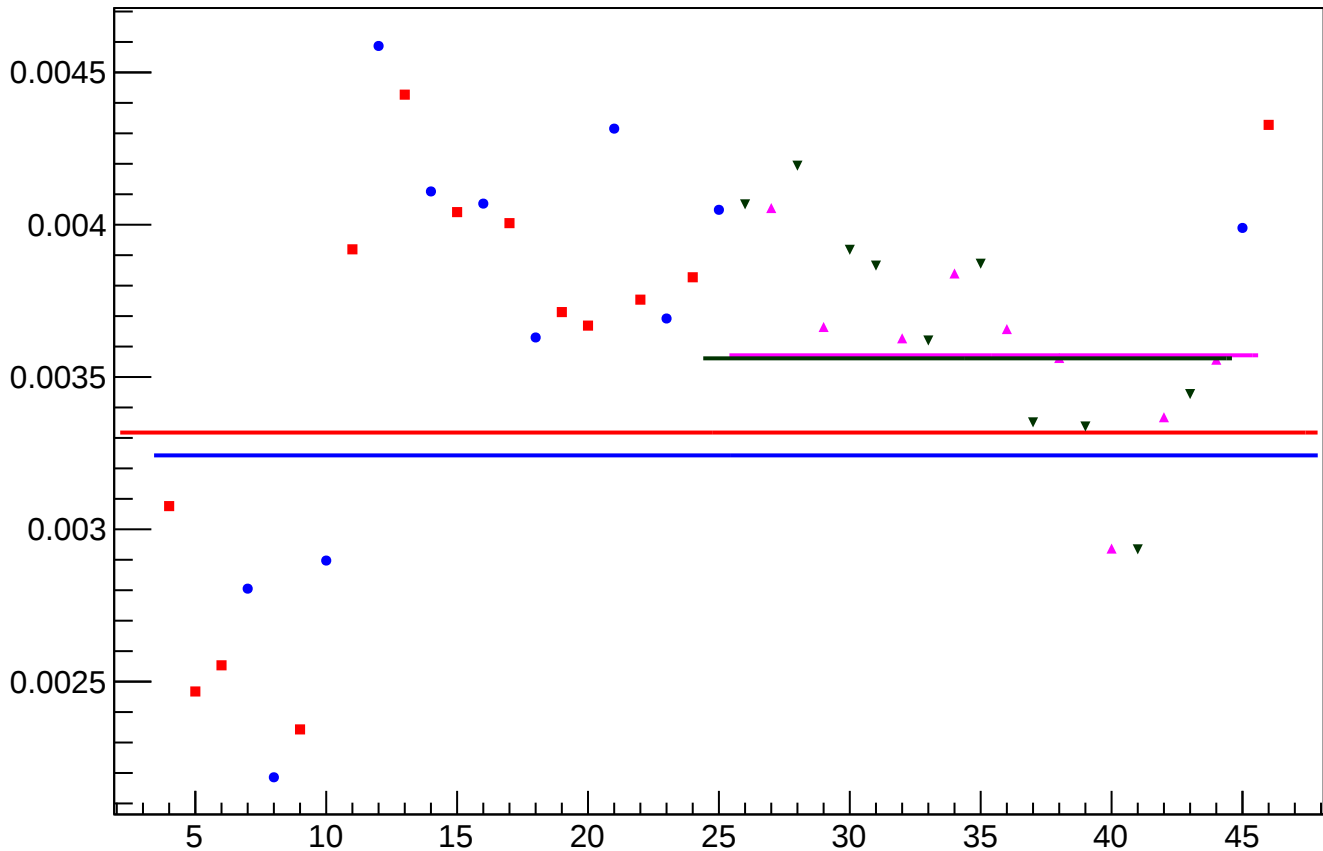
-0.104+/-0.000 χ^2/NDF : 9941941612.2/20

Right Out: -0.136+/-0.000 χ^2/NDF : 8688489681.6/12

-0.114+/-0.000 χ^2/NDF : 9363800330.0/21

Left In: -0.084+/-0.000 χ^2/NDF : 3521413.4/8

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 860504.1/10

Left Out: 0.004+/-0.000 χ^2/NDF :124023.6/9

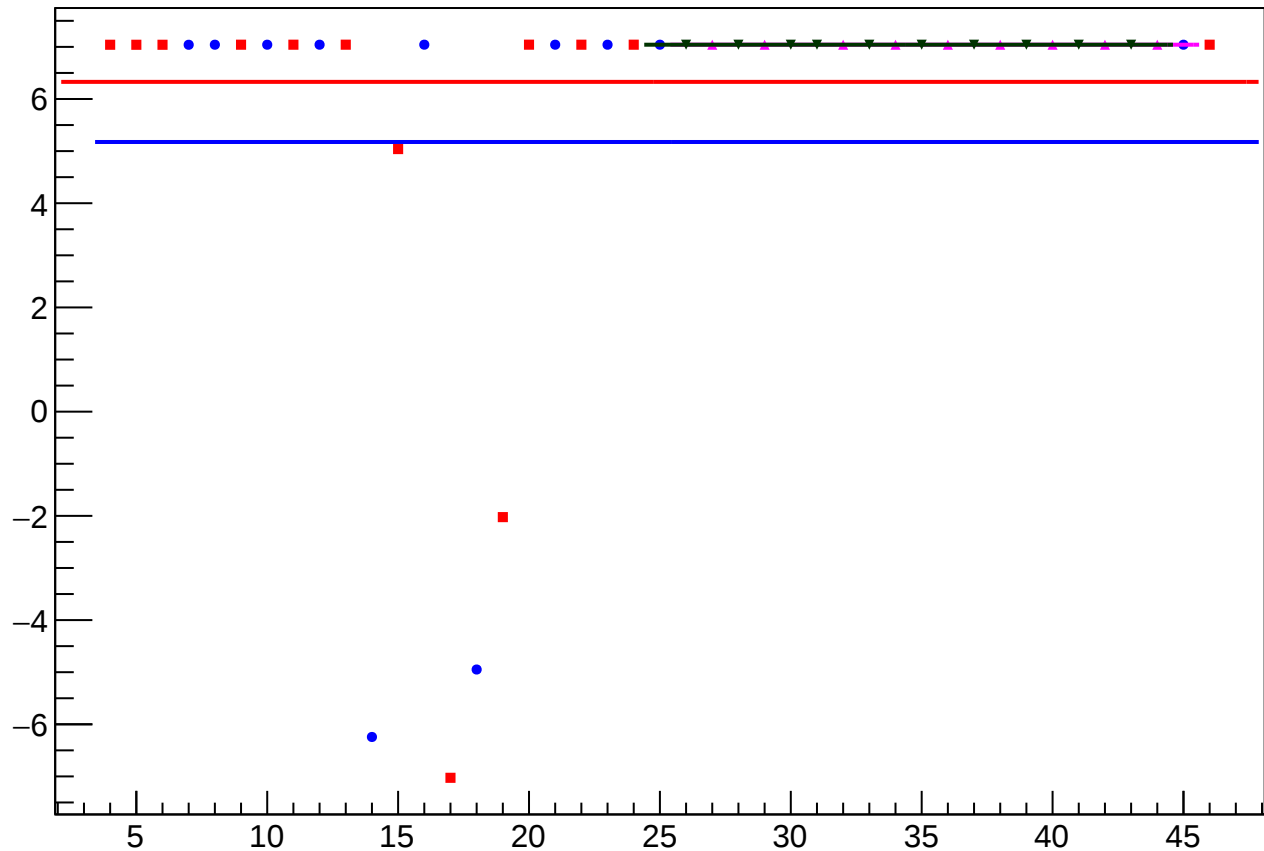
Right Out: 0.003+/-0.000 χ^2/NDF : 667086.8/12

Left In: 0.004+/-0.000 χ^2/NDF :79207.1/8

0.003+/-0.000 χ^2/NDF : 1033137.6/20

0.003+/-0.000 χ^2/NDF : 777388.3/21

yield_cav4dX_mean vs slug



Right In: 5.175+/-0.000 χ^2/NDF : 4312427269846508.0/10

Left Out: 7.042+/-0.000 χ^2/NDF : 765209.6/9

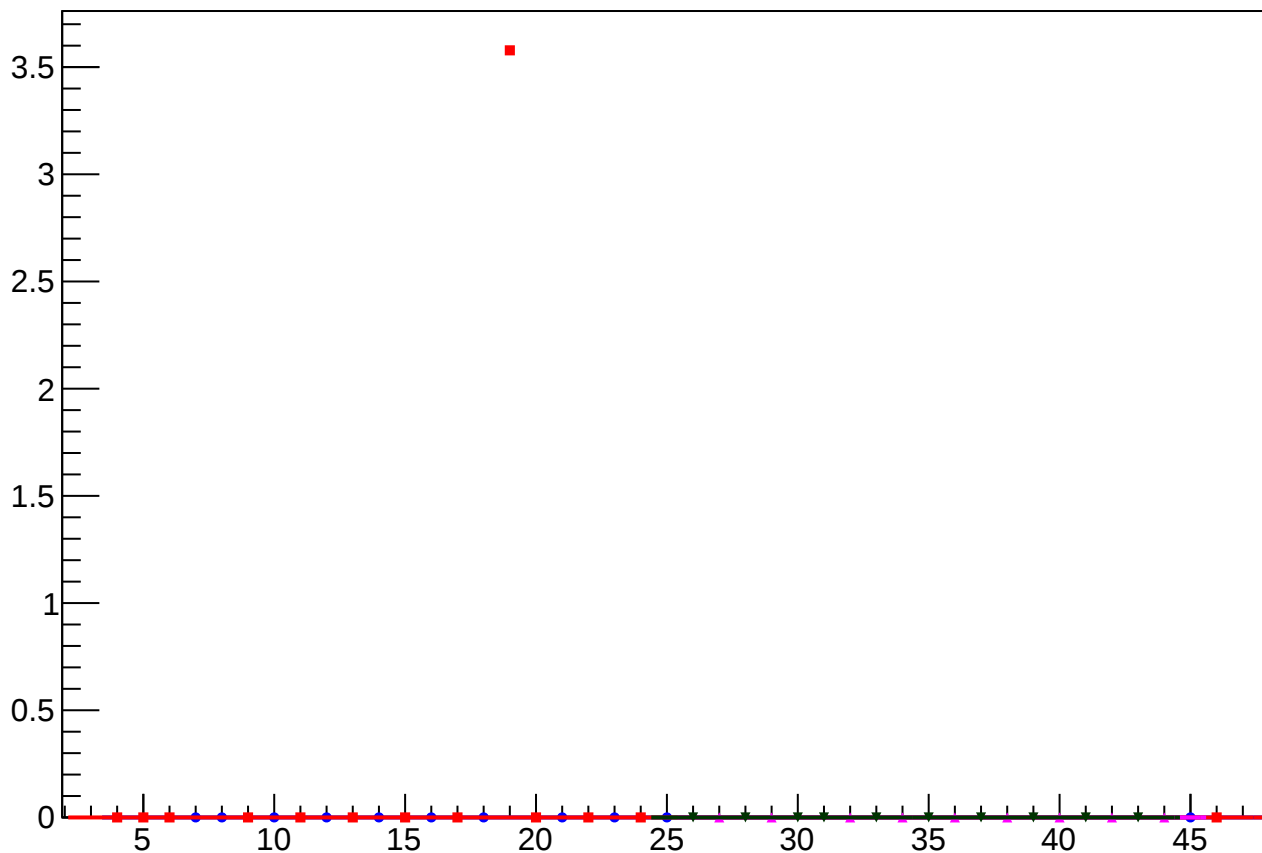
Right Out: 6.329+/-0.000 χ^2/NDF : 1821205572234475.5/12

Left In: 7.042+/-0.000 χ^2/NDF : 540646.4/8

6.099+/-0.000 χ^2/NDF : 4668734790911864.0/2

6.703+/-0.000 χ^2/NDF : 1873843988385491.8/2

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 2589.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:1535.6/9

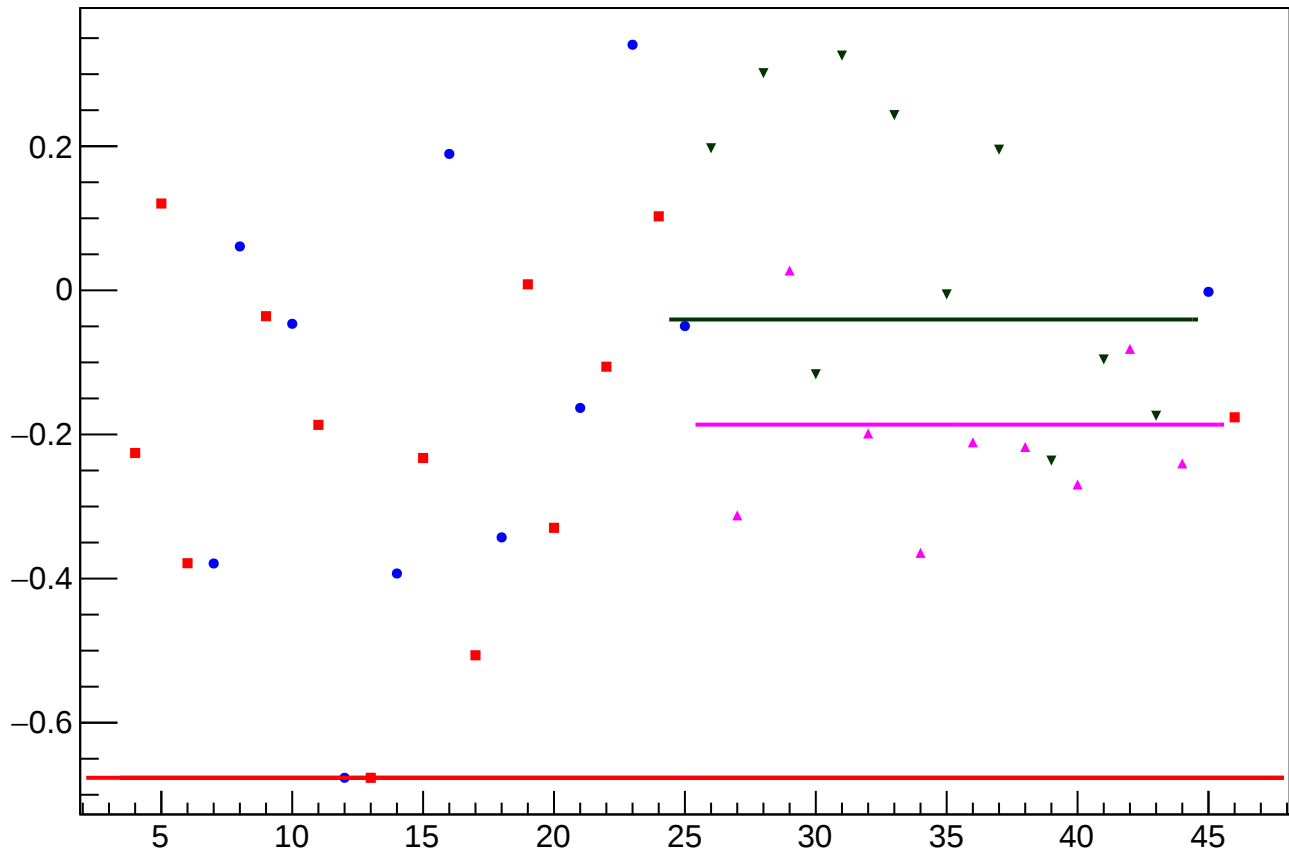
Right Out: 0.000+/-0.000 χ^2 /NDF: 696719.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:1769.6/8

0.000+/-0.000 χ^2 /NDF: 5103.0/20

0.000+/-0.000 χ^2 /NDF: 701878.1/21

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 χ^2/NDF : 230999296.0/10

Left Out: -0.040 ± 0.000 χ^2/NDF : 16704113.3/9

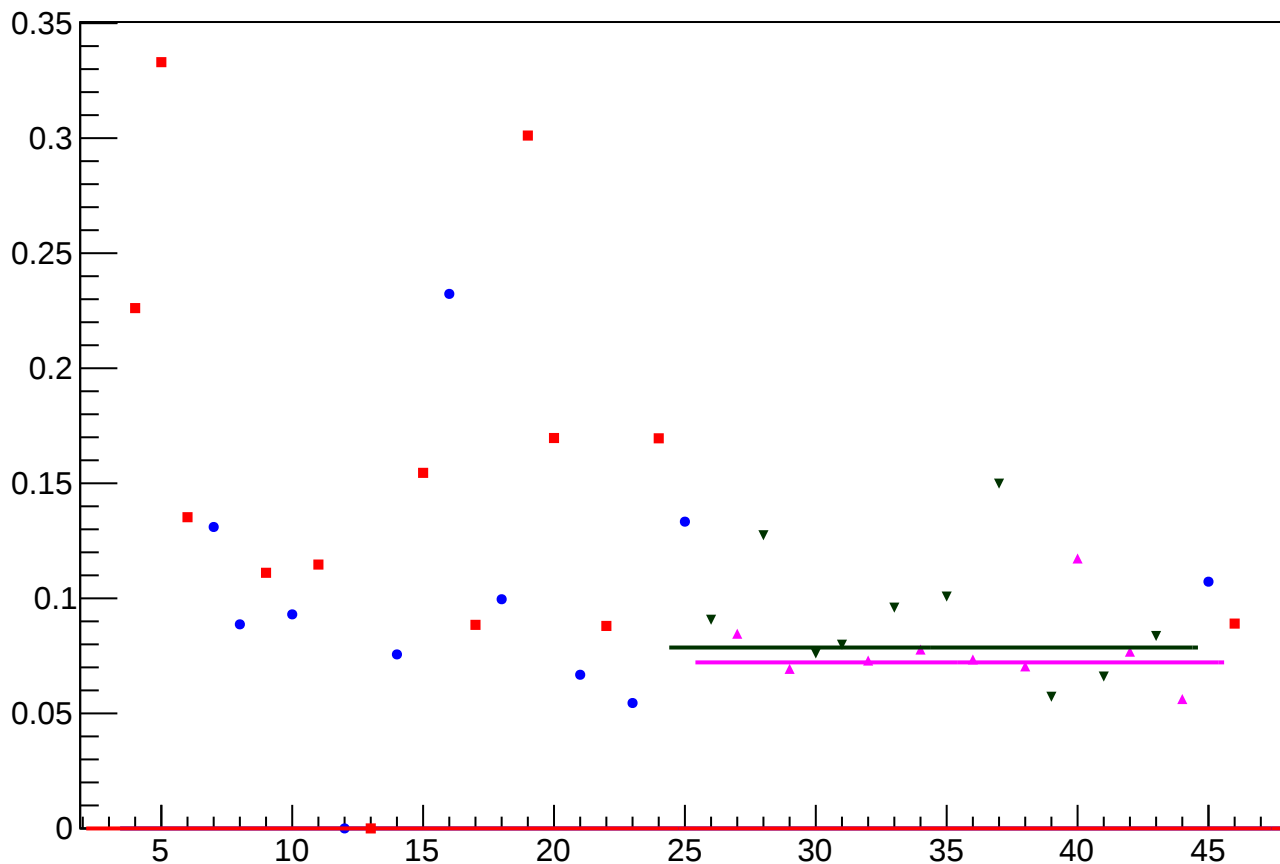
-0.676 ± 0.000 χ^2/NDF : 435738787.6/20

Right Out: -0.676 ± 0.000 χ^2/NDF : 74353564.4/12

-0.676 ± 0.000 χ^2/NDF : 240201045.7/21

Left In: -0.186 ± 0.000 χ^2/NDF : 8365095.9/8

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 9147966.9/10

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

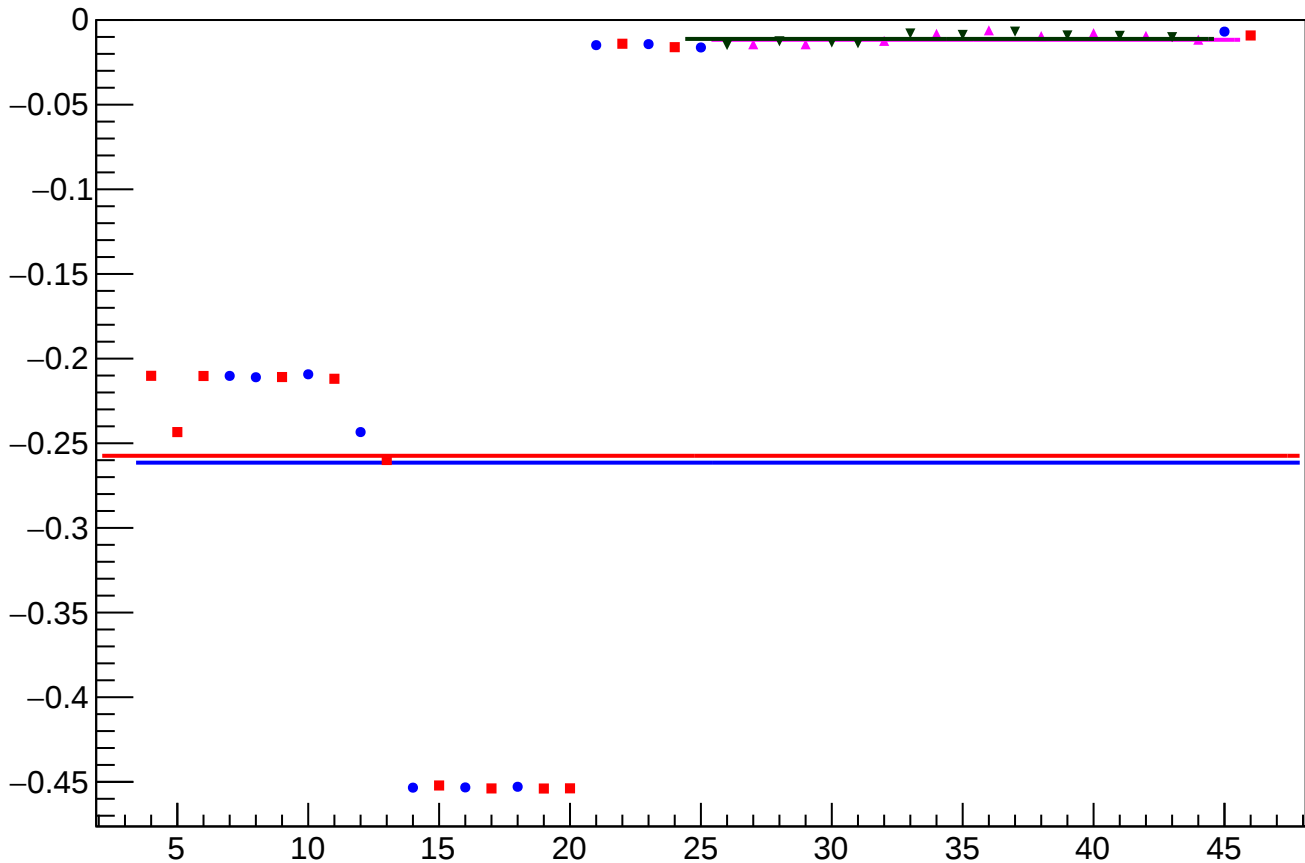
Right Out: 0.000+/-0.000 χ^2/NDF : 8619066.5/12

Left In: 0.072+/-0.000 χ^2/NDF : 192884.5/8

0.000+/-0.000 χ^2/NDF : 15347576.6/20

0.000+/-0.000 χ^2/NDF : 15637137.9/21

yield_bpm4aX_mean vs slug



Right In: -0.261+/-0.000 χ^2/NDF : 3770552917.2/10

Left Out: -0.011+/-0.000 χ^2/NDF :401443.1/9

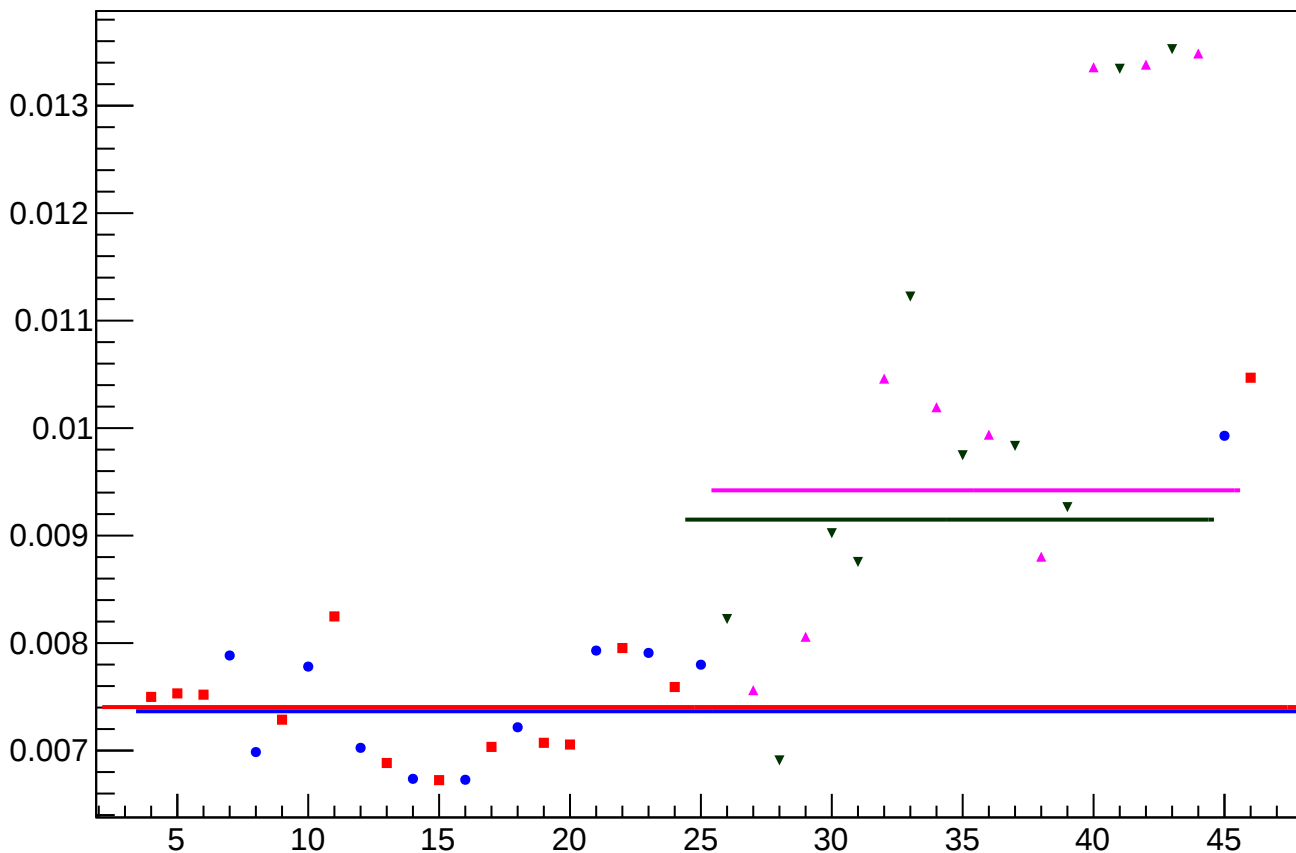
-0.181+/-0.000 χ^2/NDF : 6329586002.4/20

Right Out: -0.257+/-0.000 χ^2/NDF : 2875304155.8/12

-0.177+/-0.000 χ^2/NDF : 5311201995.8/21

Left In: -0.012+/-0.000 χ^2/NDF :495469.4/8

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 138240.0/10

Left Out: 0.009+/-0.000 χ^2/NDF :410320.9/9

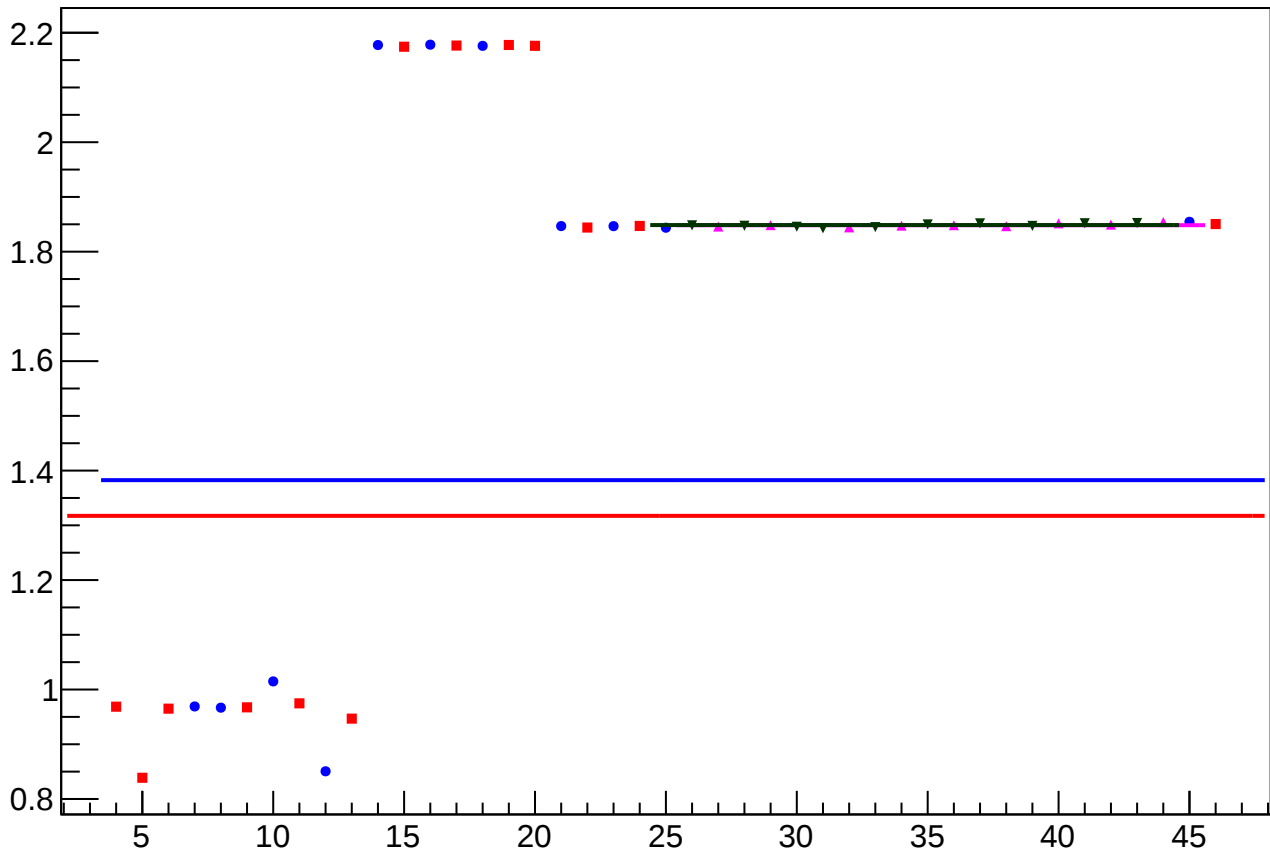
Right Out: 0.007+/-0.000 χ^2/NDF : 127595.0/12

Left In: 0.009+/-0.000 χ^2/NDF :449025.1/8

0.008+/-0.000 χ^2/NDF : 808308.1/20

0.008+/-0.000 χ^2/NDF : 904662.1/21

yield_bpm4aY_mean vs slug



Right In: 1.383 $\pm$ 0.000 χ^2 /NDF: 12948280589.1/10

Left Out: 1.849 $\pm$ 0.000 χ^2 /NDF:239961.3/9

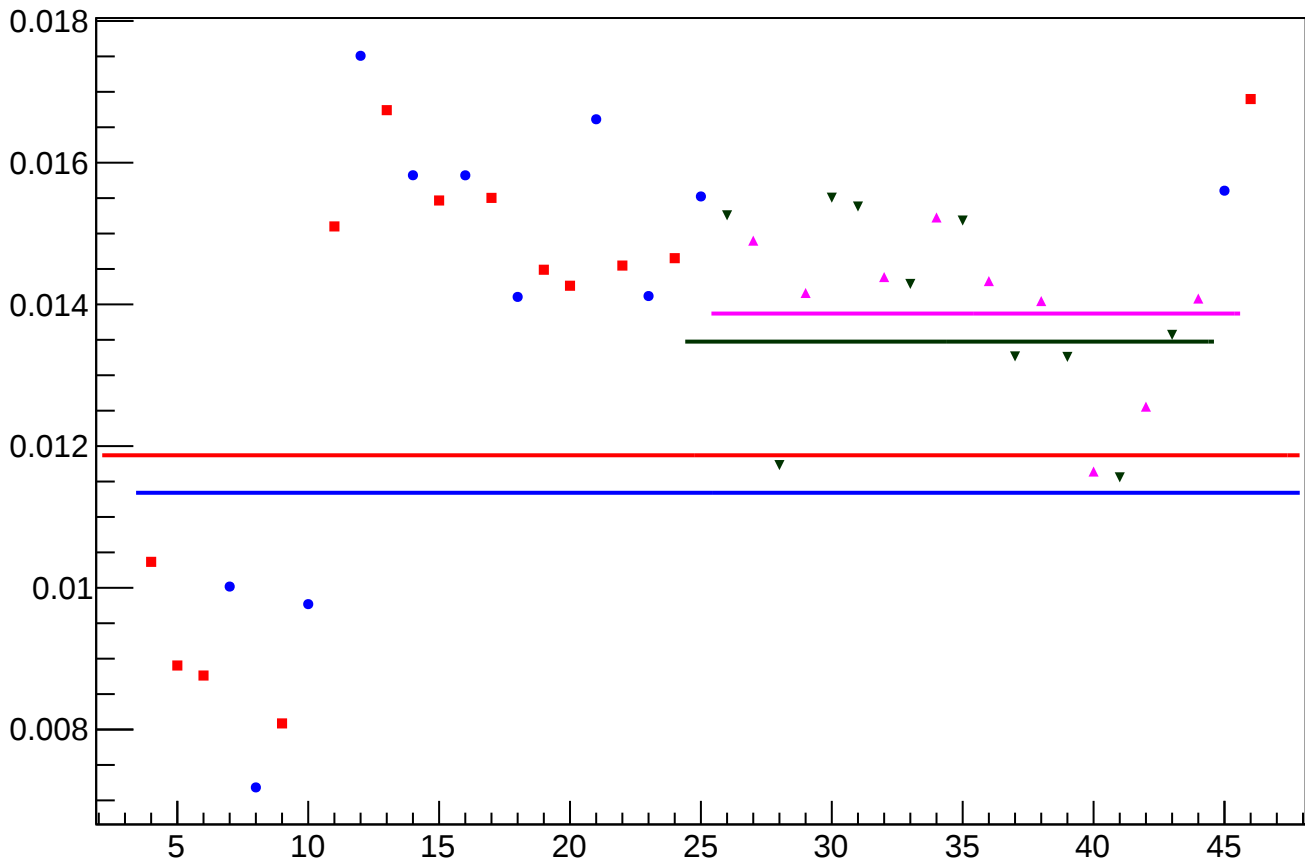
1.555 $\pm$ 0.000 χ^2 /NDF: 16737519439.6/20

Right Out: 1.317 $\pm$ 0.000 χ^2 /NDF: 11413808639.3/12

1.527 $\pm$ 0.000 χ^2 /NDF: 16247095516.1/21

Left In: 1.848 $\pm$ 0.000 χ^2 /NDF:226687.9/8

yield_bpm4aY_rms vs slug



Right In: 0.011 ± 0.000 χ^2/NDF : 1396493.6/10

Left Out: 0.013 ± 0.000 χ^2/NDF : 115364.2/9

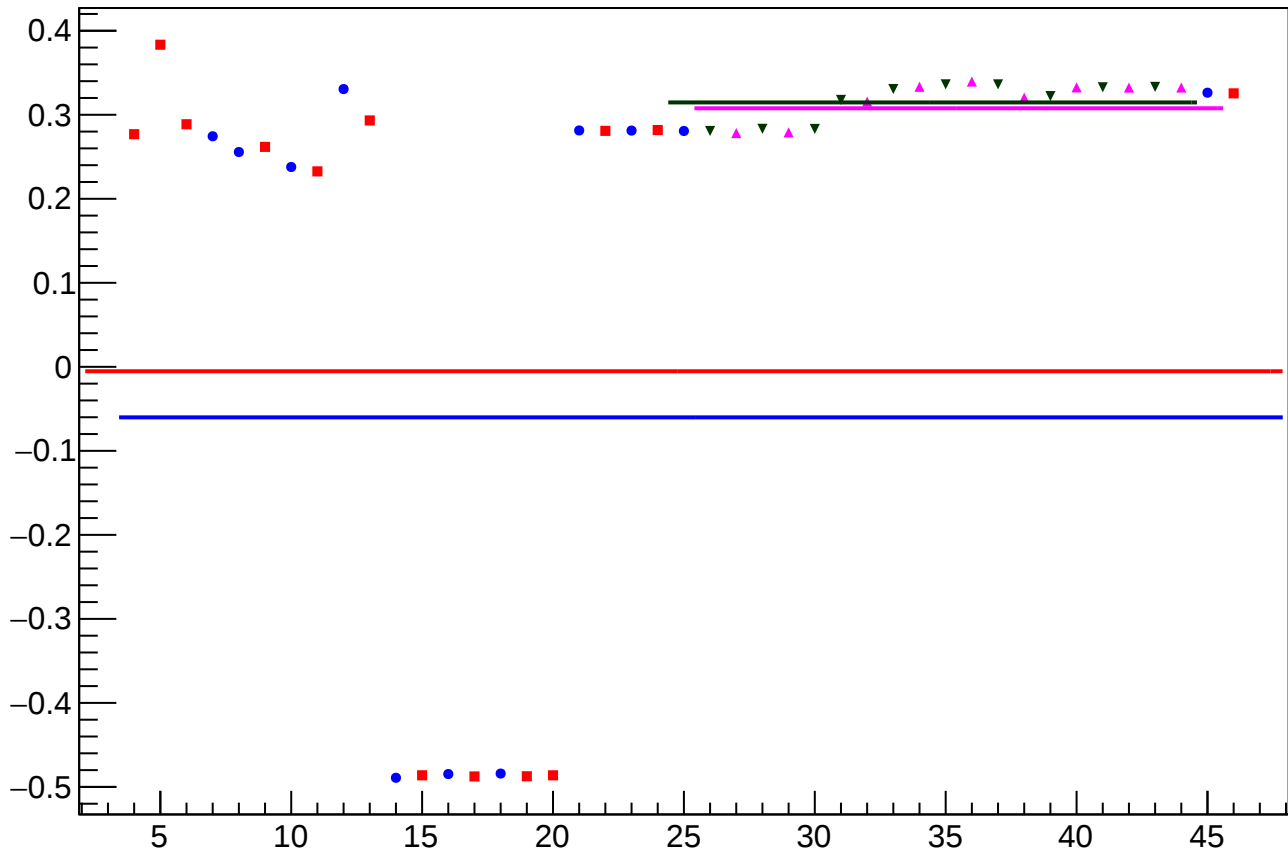
0.012 ± 0.000 χ^2/NDF : 1670660.7/20

Right Out: 0.012 ± 0.000 χ^2/NDF : 1013506.1/12

0.013 ± 0.000 χ^2/NDF : 1217248.1/21

Left In: 0.014 ± 0.000 χ^2/NDF : 66613.9/8

yield_bpm4eX_mean vs slug



Right In: -0.060+/-0.000 χ^2/NDF : 3043189519.7/10

Left Out: 0.315+/-0.000 χ^2/NDF :5189197.9/9

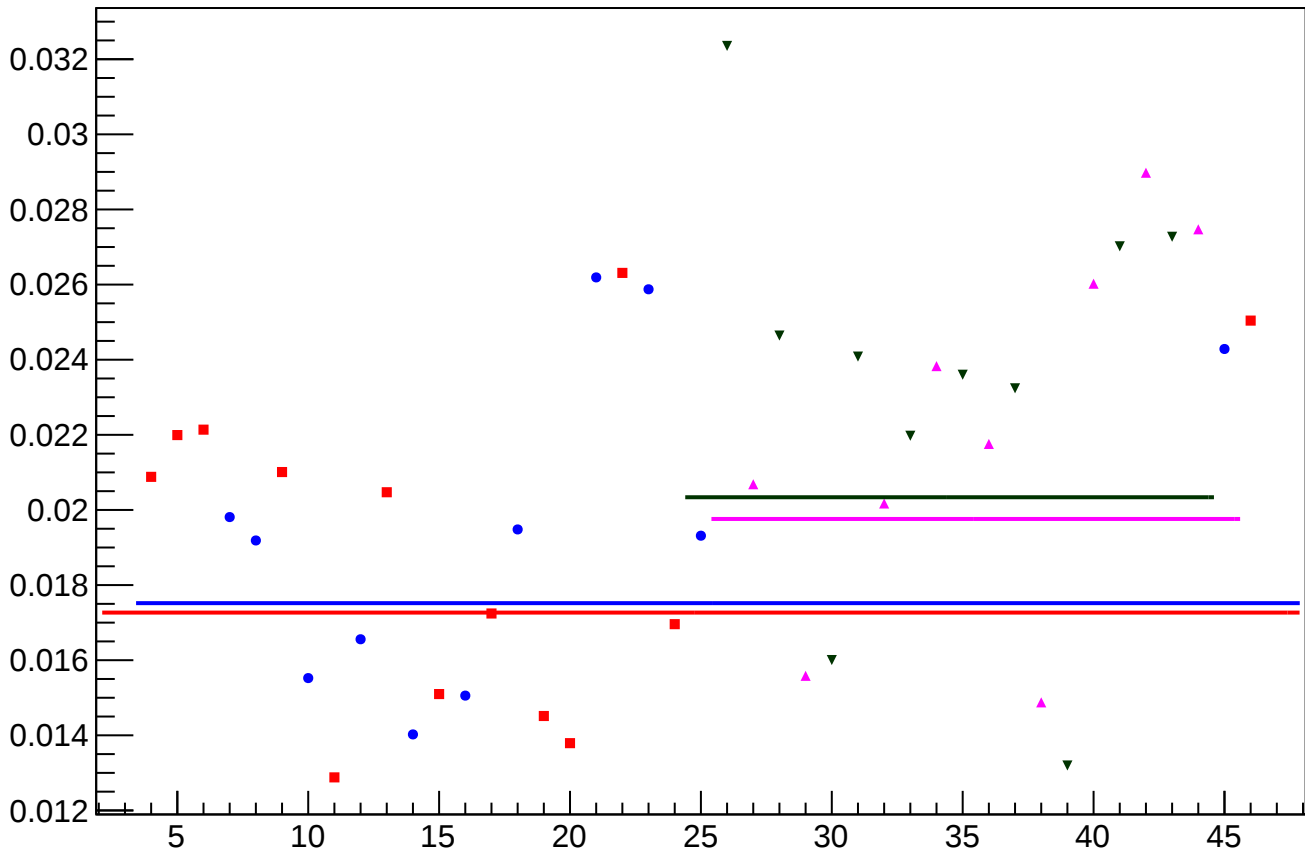
0.071+/-0.000 χ^2/NDF : 4081828253.9/20

Right Out: -0.005+/-0.000 χ^2/NDF : 2814598518.0/12

0.113+/-0.000 χ^2/NDF : 3602687509.3/21

Left In: 0.308+/-0.000 χ^2/NDF :7383992.6/8

yield_bpm4eX_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 572121.6/10

Left Out: 0.020+/-0.000 χ^2/NDF : 733336.7/9

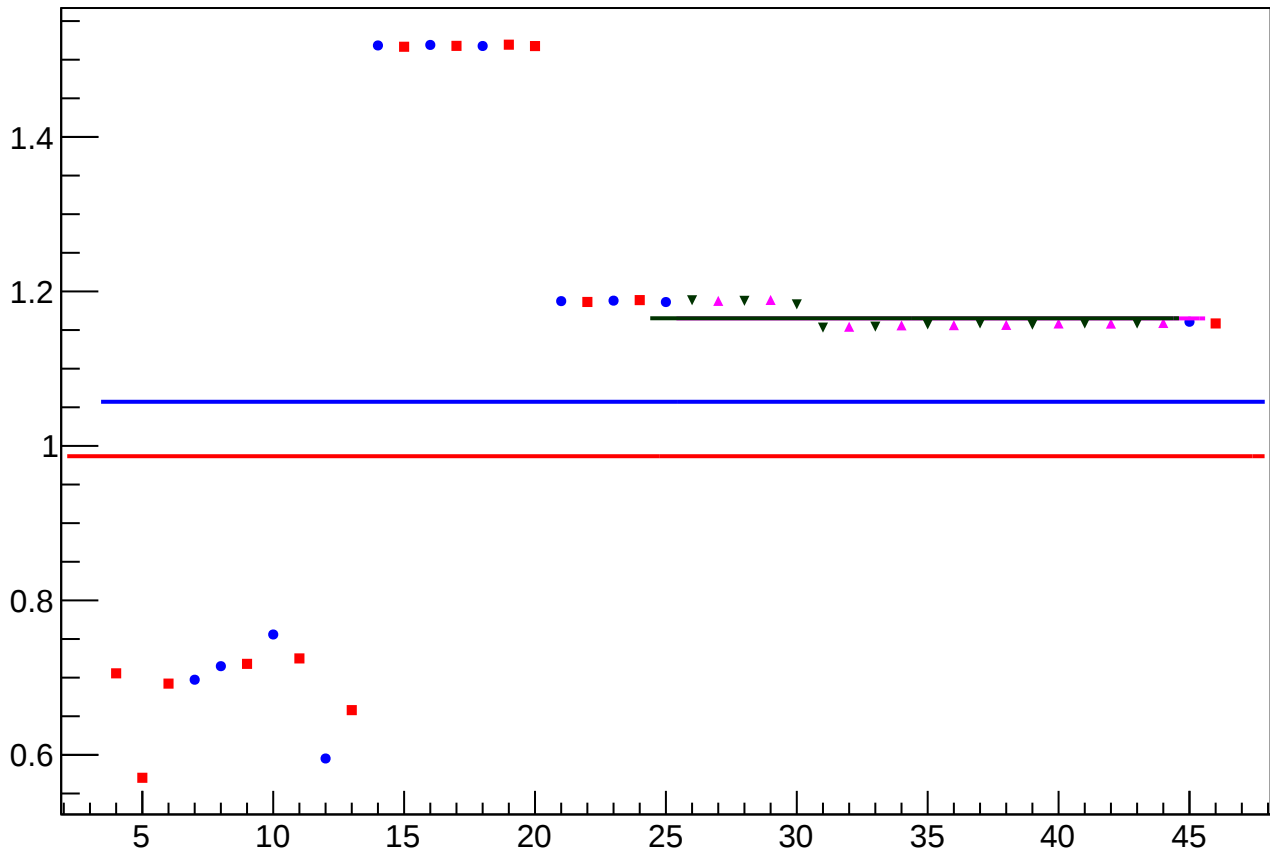
Right Out: 0.017+/-0.000 χ^2/NDF : 625335.8/12

Left In: 0.020+/-0.000 χ^2/NDF : 482021.9/8

0.019+/-0.000 χ^2/NDF : 1422381.6/20

0.018+/-0.000 χ^2/NDF : 1206373.8/21

yield_bpm4eY_mean vs slug



Right In: 1.057+/-0.000 χ^2/NDF : 10340707784.3/10

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

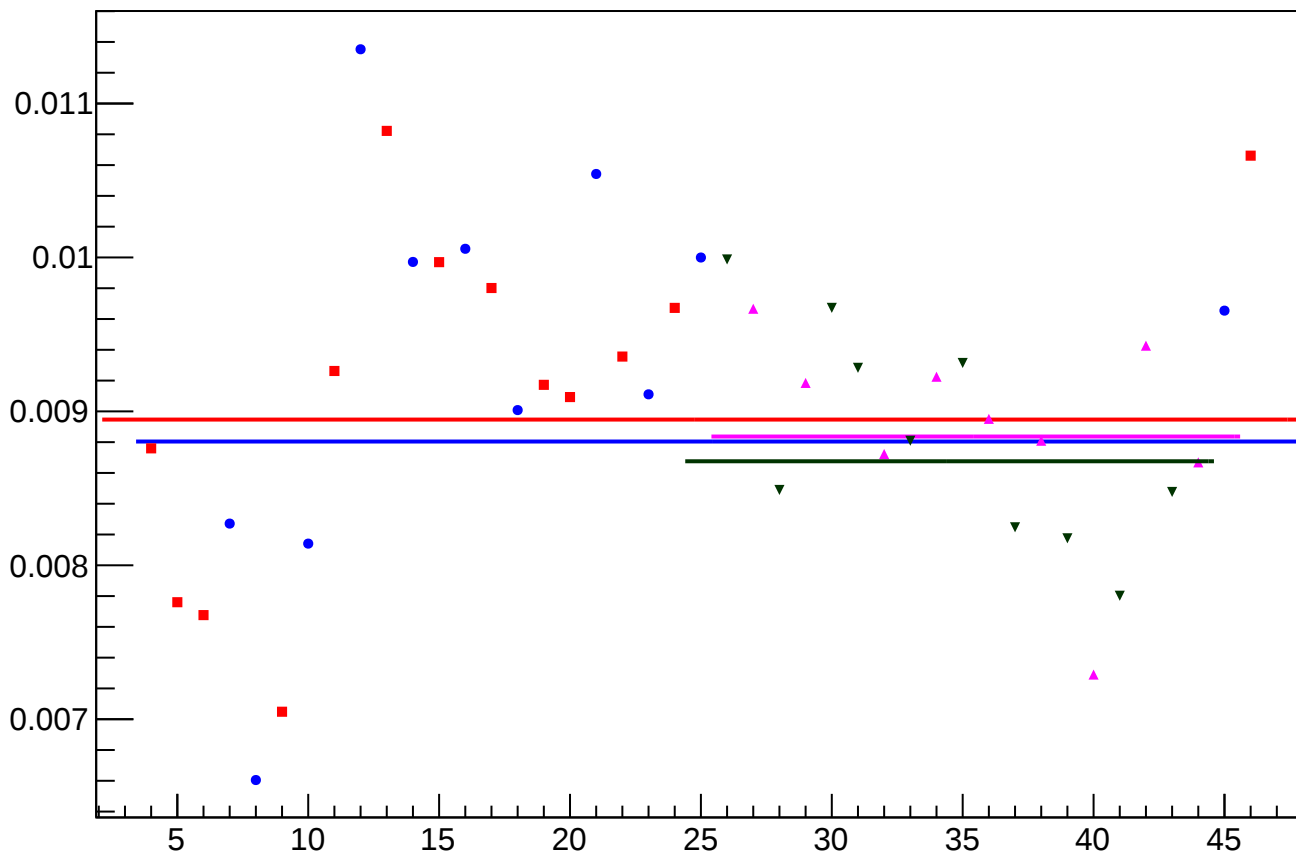
1.105+/-0.000 χ^2/NDF : 10794017432.0/20

Right Out: 0.987+/-0.000 χ^2/NDF : 10023480309.7/12

1.069+/-0.000 χ^2/NDF : 11225397521.6/21

Left In: 1.165+/-0.000 χ^2/NDF :13354823.7/8

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 369466.3/10

Left Out: 0.009+/-0.000 χ^2/NDF : 57413.1/9

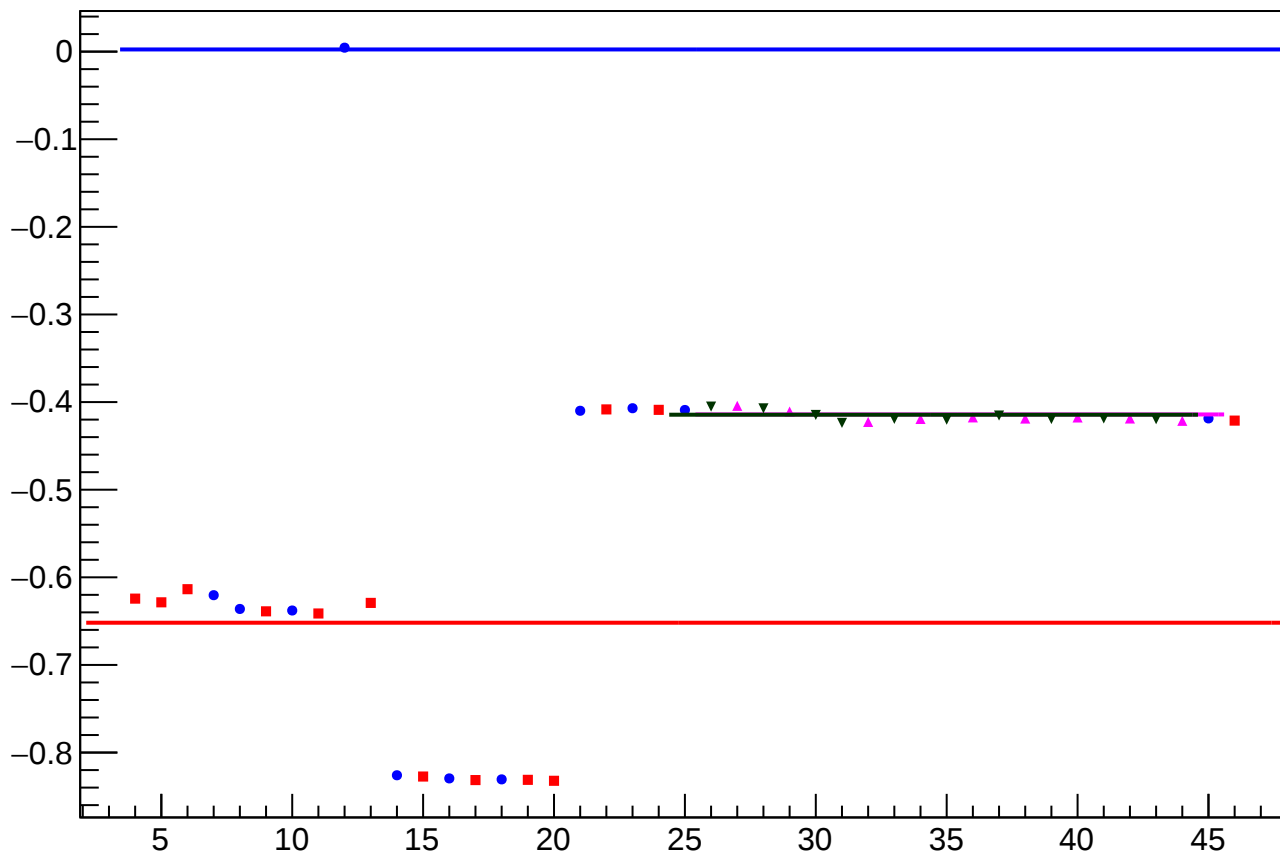
Right Out: 0.009+/-0.000 χ^2/NDF : 248937.7/12

Left In: 0.009+/-0.000 χ^2/NDF : 63755.7/8

0.009+/-0.000 χ^2/NDF : 428123.0/20

0.009+/-0.000 χ^2/NDF : 313599.4/21

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 52992468606.4/10

Left Out: -0.414+/-0.000 χ^2/NDF : 2260145.2/9

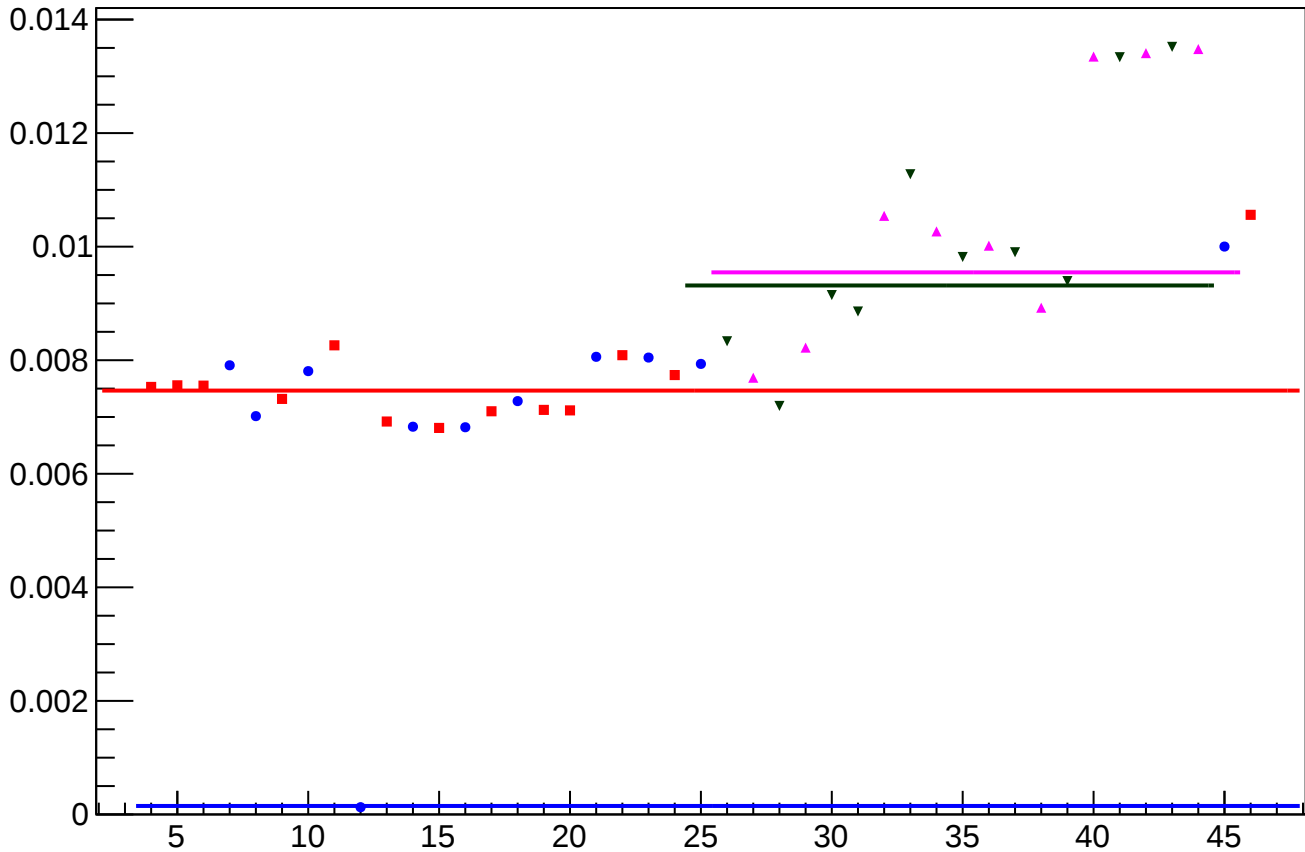
Right Out: -0.652+/-0.000 χ^2/NDF : 2479836709.1/12

Left In: -0.414+/-0.000 χ^2/NDF : 2651942.7/8

0.002+/-0.000 χ^2/NDF : 63109513129.0/20

-0.575+/-0.000 χ^2/NDF : 4714555445.1/21

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 12324354.3/10

Left Out: 0.009+/-0.000 χ^2/NDF : 365508.7/9

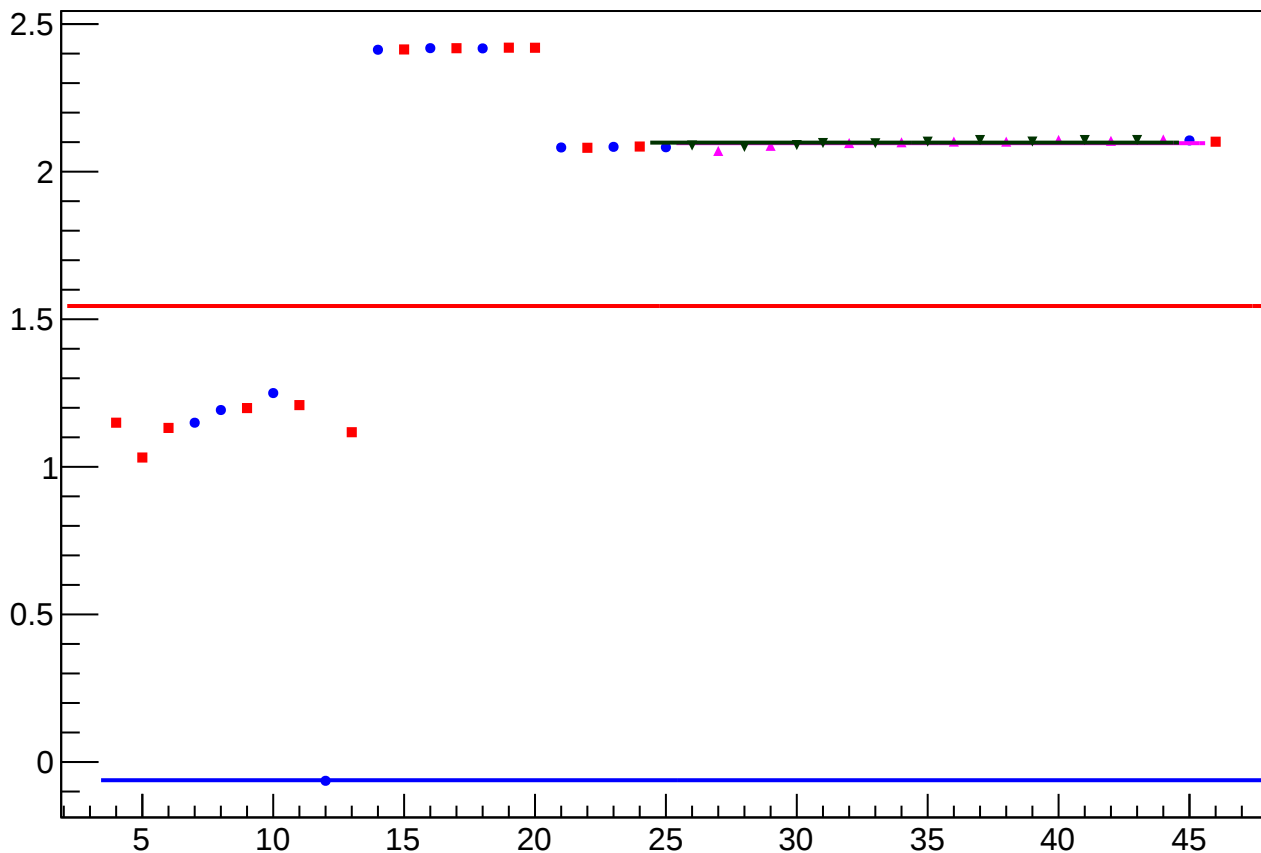
0.000+/-0.000 χ^2/NDF : 22471389.5/20

Right Out: 0.007+/-0.000 χ^2/NDF : 128043.9/12

0.008+/-0.000 χ^2/NDF : 892359.9/21

Left In: 0.010+/-0.000 χ^2/NDF : 421826.7/8

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 138247343569.1/10

Left Out: 2.098+/-0.000 χ^2/NDF : 2018647.6/9

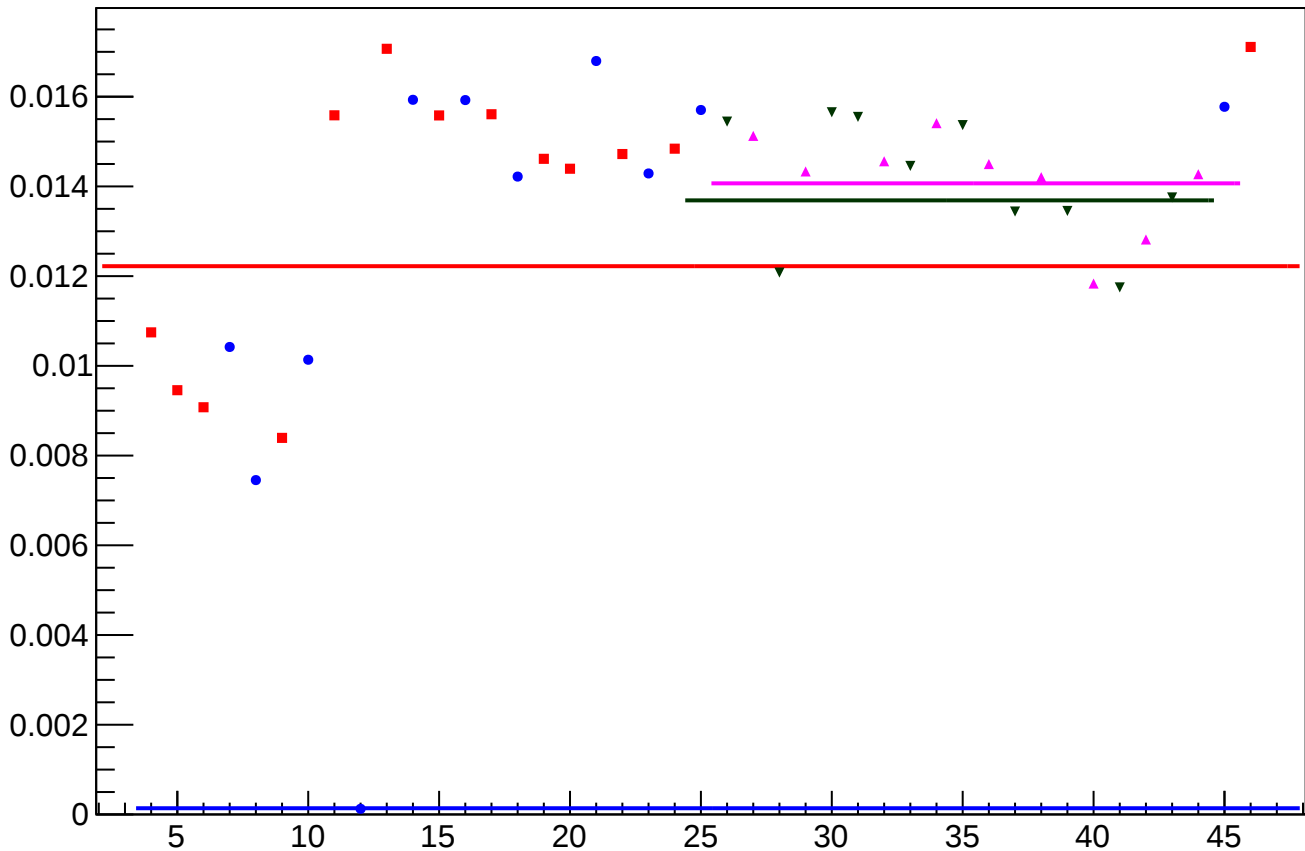
Right Out: 1.545+/-0.000 χ^2/NDF : 11859356493.2/12

Left In: 2.096+/-0.000 χ^2/NDF : 3992542.9/8

-0.060+/-0.000 χ^2/NDF : 263595677974.7/20

1.766+/-0.000 χ^2/NDF : 16878158180.0/21

yield_bpm4acY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12065705.3/10

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:106273.7/9

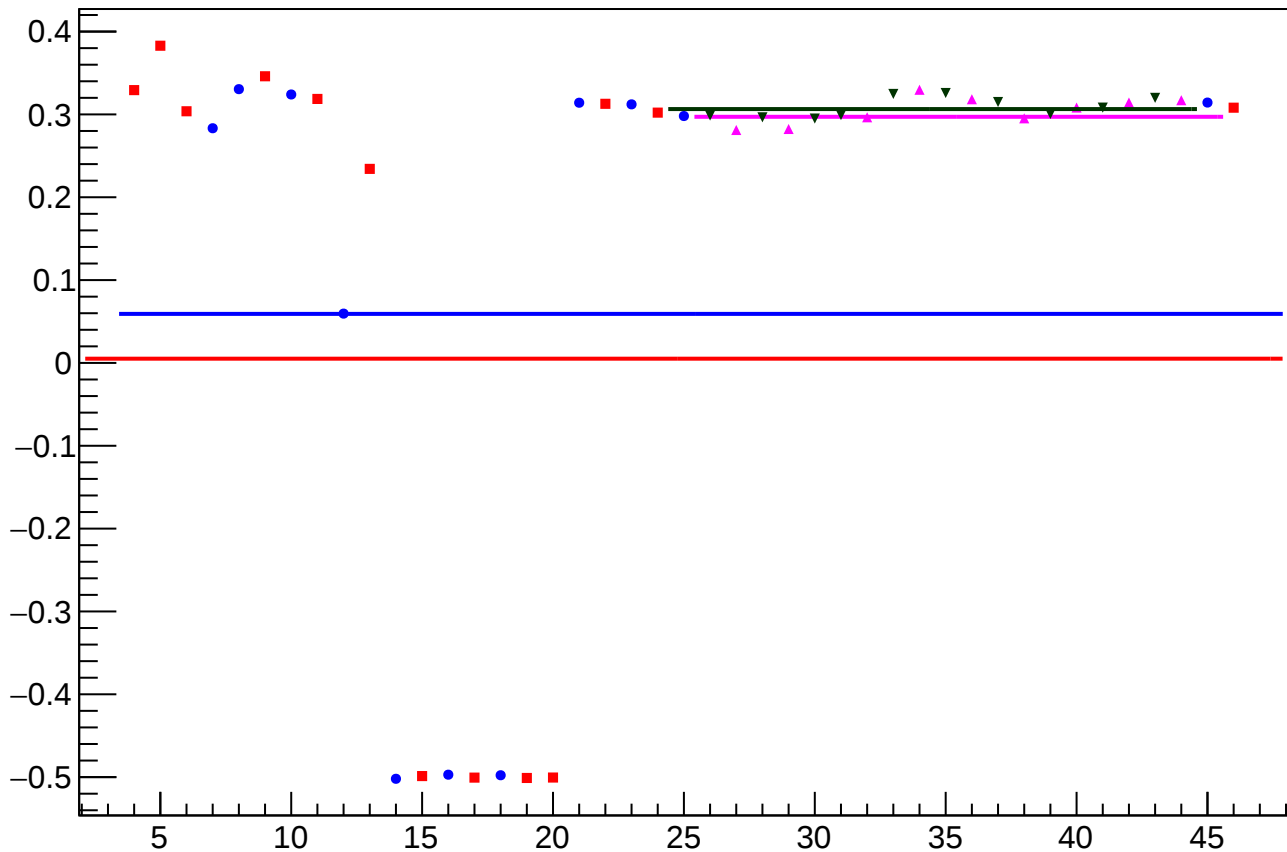
0.000 $\pm$ 0.000 χ^2 /NDF: 22037401.6/20

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 935324.3/12

0.013 $\pm$ 0.000 χ^2 /NDF: 1111088.8/21

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:63357.4/8

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3605305759.4/10

Left Out: 0.306+/-0.000 χ^2/NDF :1355327.7/9

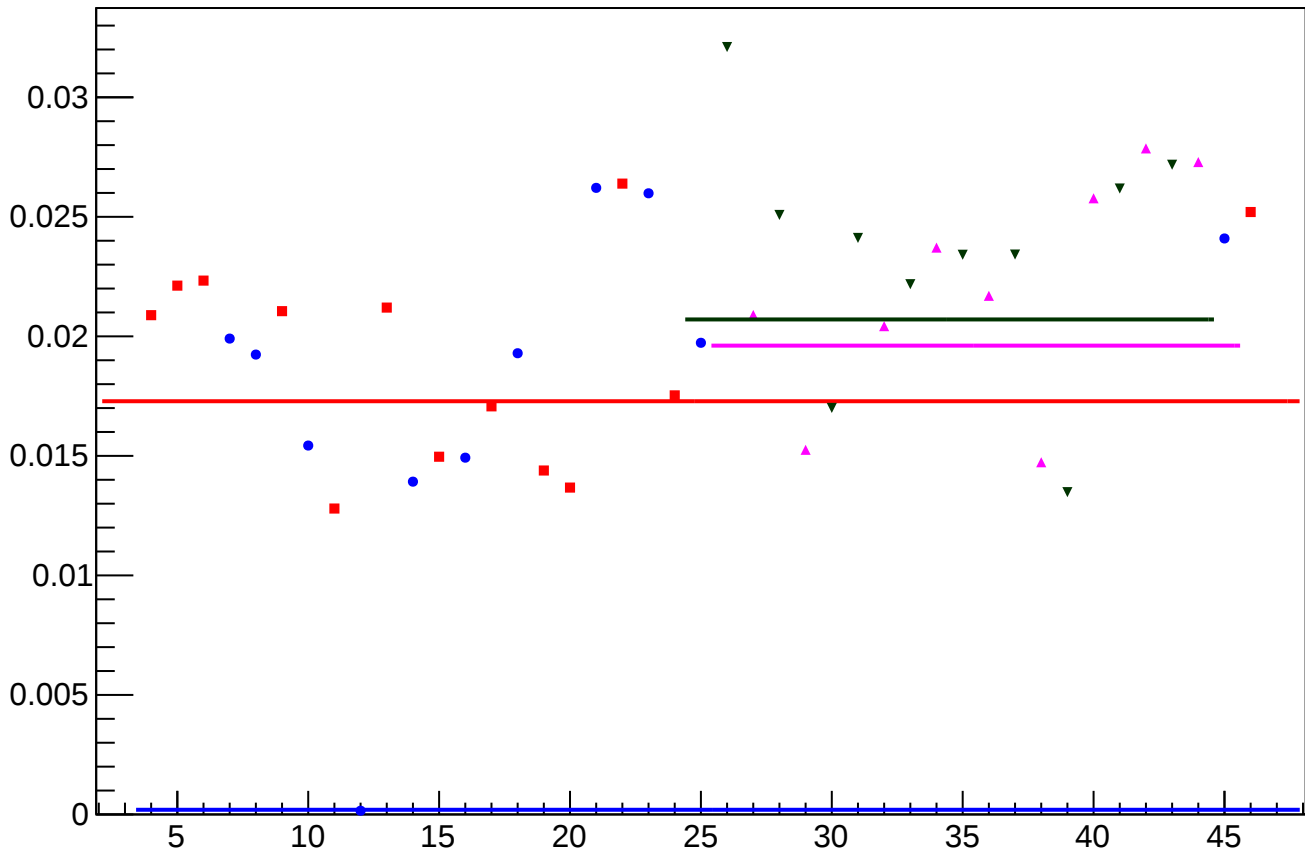
0.060+/-0.000 χ^2/NDF : 4279354074.7/20

Right Out: 0.005+/-0.000 χ^2/NDF : 3203318444.6/12

0.117+/-0.000 χ^2/NDF : 3892352302.4/21

Left In: 0.297+/-0.000 χ^2/NDF :3115046.5/8

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 12116660.5/10

Left Out: 0.021+/-0.000 χ^2/NDF : 655279.7/9

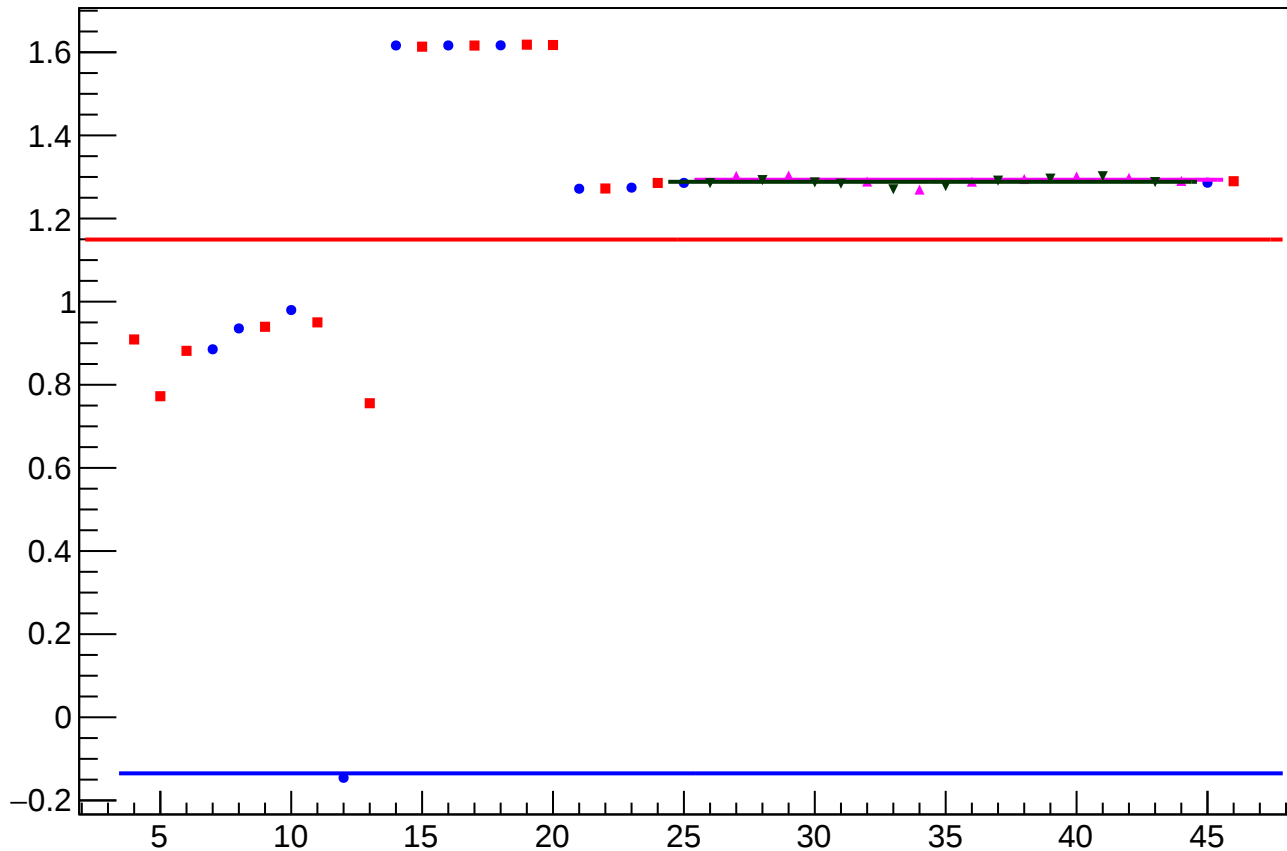
0.000+/-0.000 χ^2/NDF : 22030990.8/20

Right Out: 0.017+/-0.000 χ^2/NDF : 669704.6/12

0.018+/-0.000 χ^2/NDF : 1250206.1/21

Left In: 0.020+/-0.000 χ^2/NDF : 493445.7/8

yield_bpm4ecY_mean vs slug



Right In: -0.135+/-0.000 χ^2/NDF : 141745487817.3/10

Left Out: 1.288+/-0.000 χ^2/NDF : 3982202.6/9

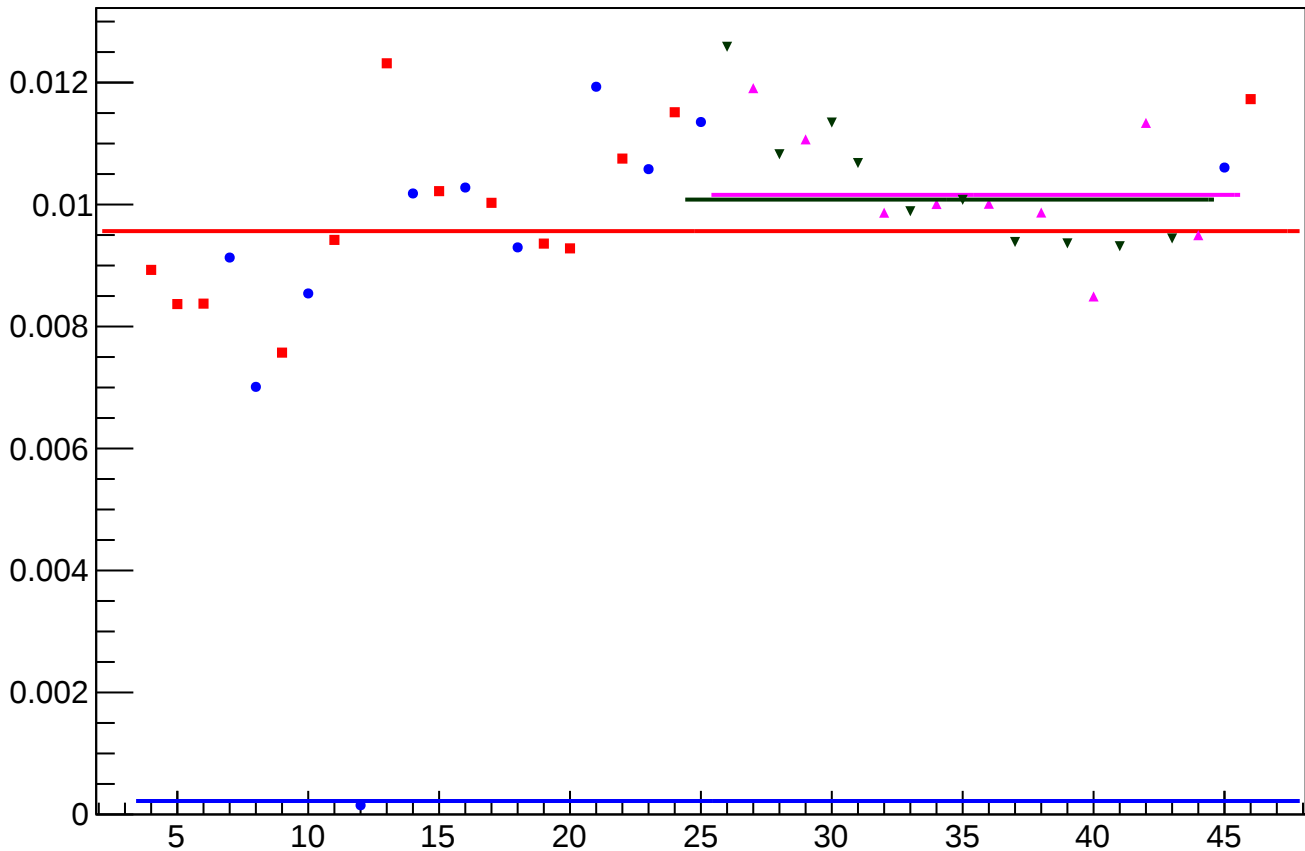
-0.127+/-0.000 χ^2/NDF : 242780184735.2/20

Right Out: 1.149+/-0.000 χ^2/NDF : 7083597383.6/12

1.211+/-0.000 χ^2/NDF : 7709511398.6/21

Left In: 1.293+/-0.000 χ^2/NDF : 4686204.8/8

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11943764.2/10

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:82741.5/9

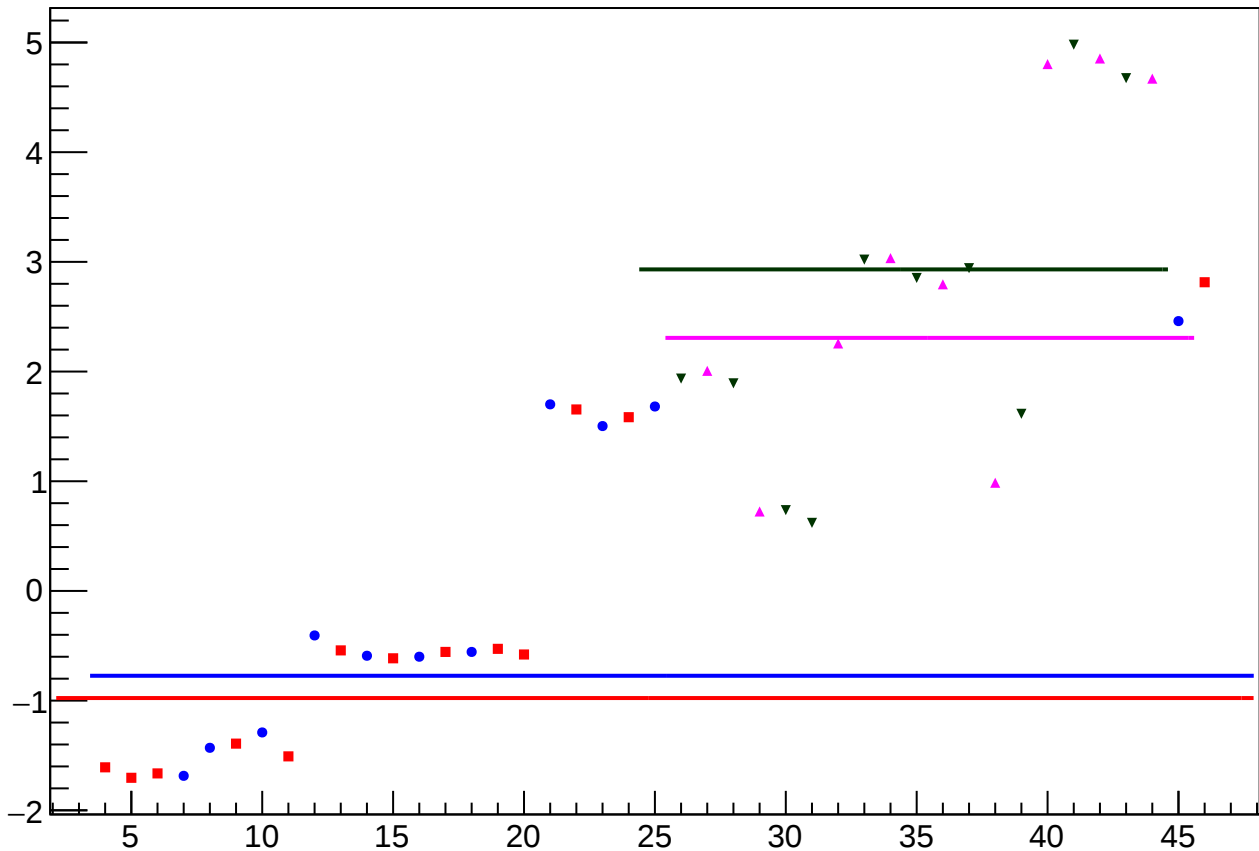
0.000 $\pm$ 0.000 χ^2 /NDF: 21725074.0/20

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 302088.3/12

0.010 $\pm$ 0.000 χ^2 /NDF: 424251.2/21

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:100961.6/8

yield_bpm1X_mean vs slug



Right In: -0.773+/-0.000 χ^2/NDF : 2427747023.8/10

Left Out: 2.931+/-0.000 χ^2/NDF : 696767729.4/9

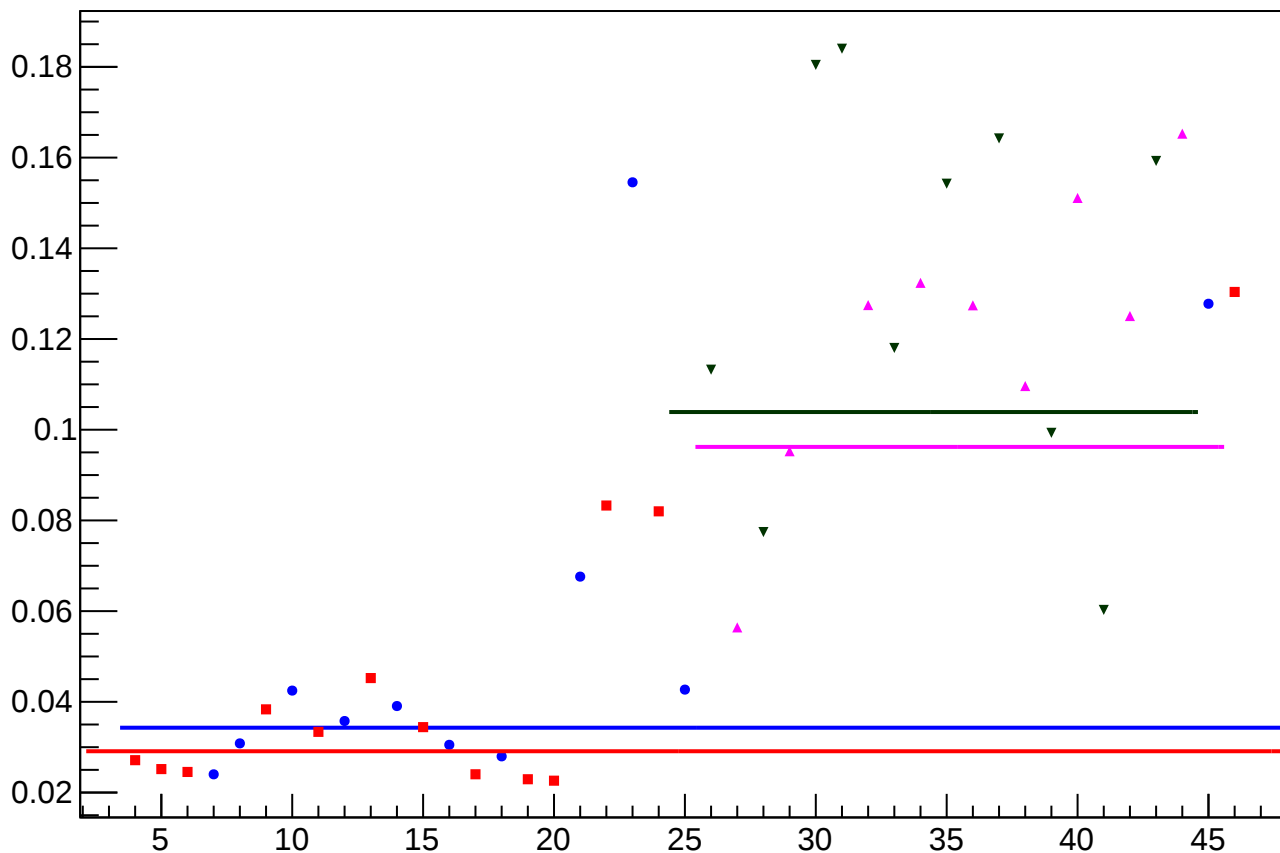
-0.486+/-0.000 χ^2/NDF : 7263126589.2/20

Right Out: -0.977+/-0.000 χ^2/NDF : 2311169411.6/12

-0.742+/-0.000 χ^2/NDF : 7110535522.2/21

Left In: 2.307+/-0.000 χ^2/NDF : 637059338.1/8

yield_bpm1X_rms vs slug



Right In: 0.034+/-0.000 χ^2/NDF : 1567807.5/10

Left Out: 0.104+/-0.000 χ^2/NDF :1068598.5/9

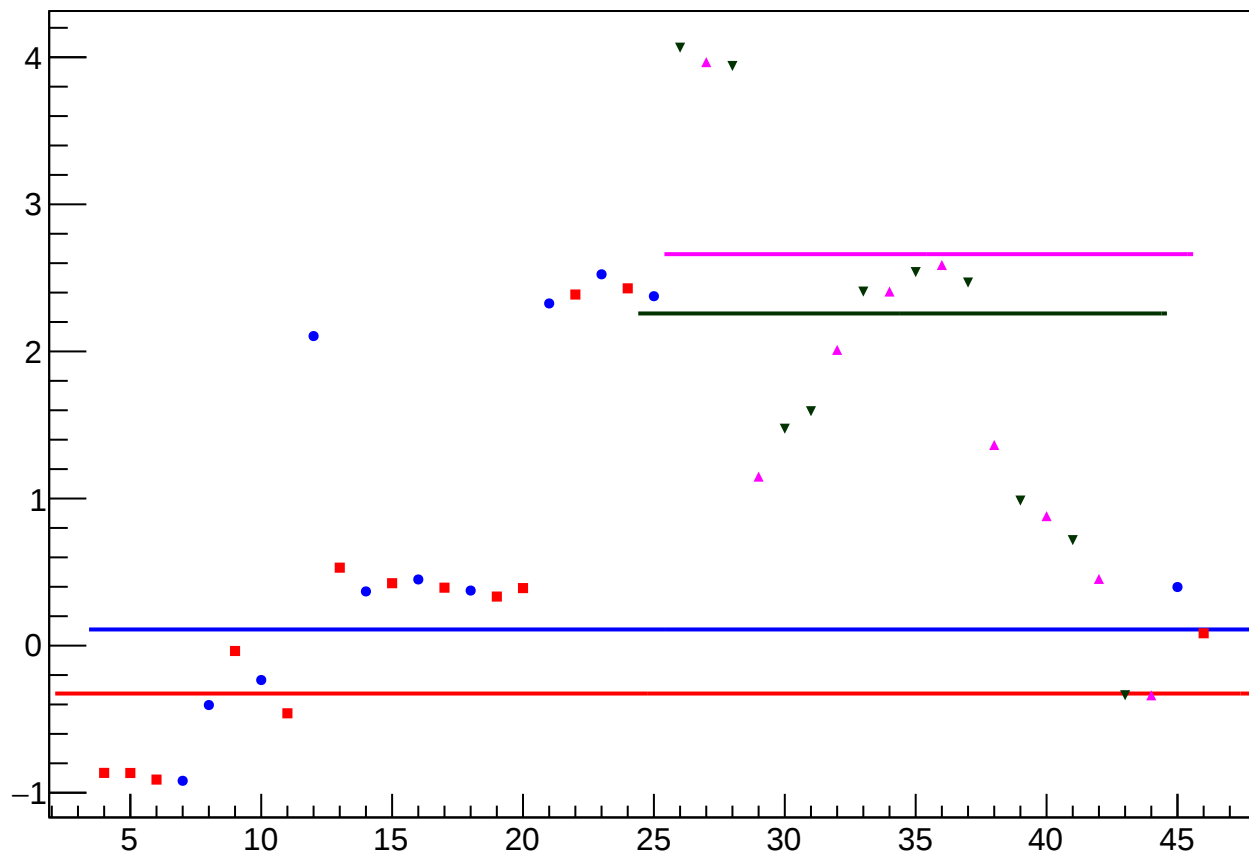
Right Out: 0.029+/-0.000 χ^2/NDF : 1385562.0/12

Left In: 0.096+/-0.000 χ^2/NDF :1062303.0/8

0.040+/-0.000 χ^2/NDF : 5558195.1/20

0.034+/-0.000 χ^2/NDF : 5924616.8/21

yield_bpm1Y_mean vs slug



Right In: 0.110 $\pm$ 0.000 χ^2 /NDF: 8115753535.6/10

Left Out: 2.258 $\pm$ 0.000 χ^2 /NDF:1464188140.1/9

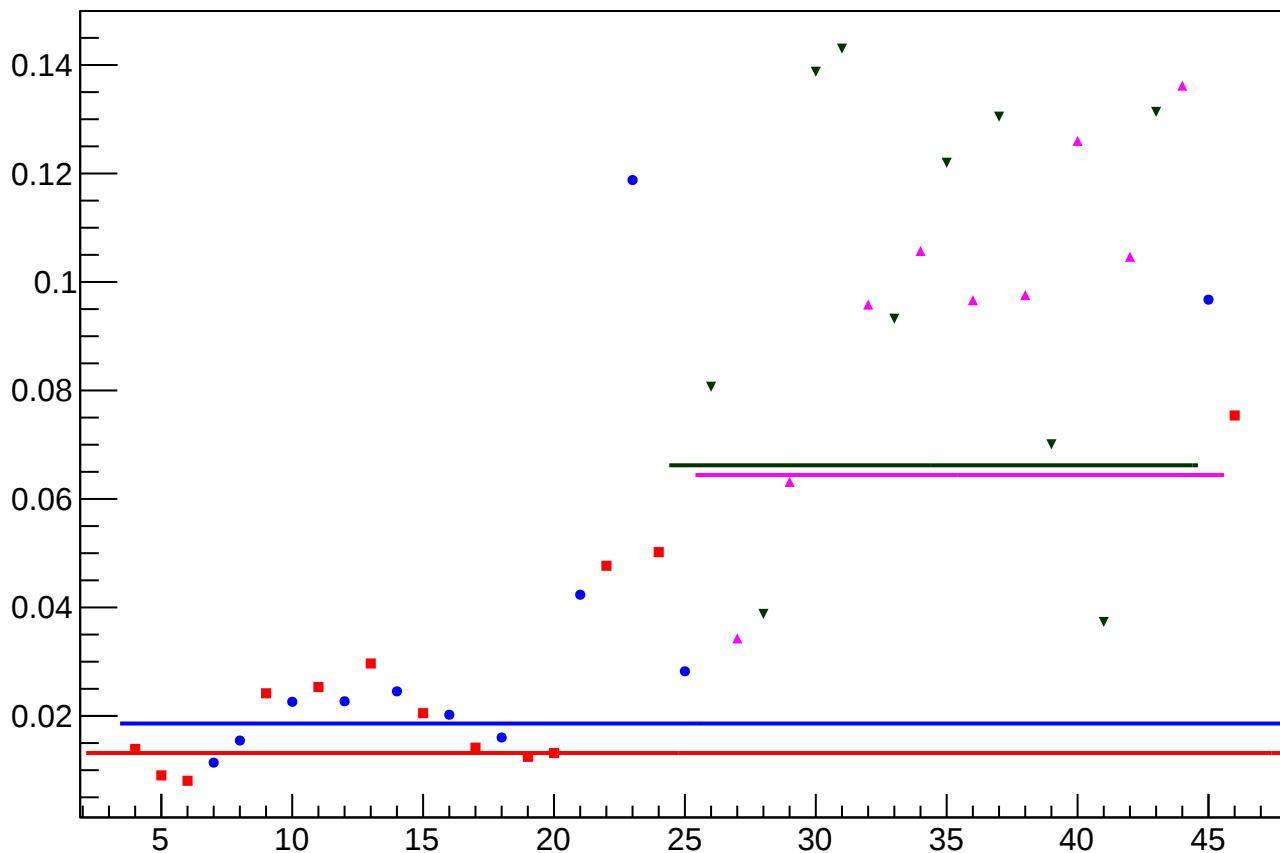
Right Out: -0.326 $\pm$ 0.000 χ^2 /NDF: 9295500104.7/12

Left In: 2.661 $\pm$ 0.000 χ^2 /NDF:1577506308.7/8

0.233 $\pm$ 0.000 χ^2 /NDF: 12495394206.0/20

-0.214 $\pm$ 0.000 χ^2 /NDF: 17846329617.6/21

yield_bpm1Y_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 1944181.7/10

Left Out: 0.066+/-0.000 χ^2/NDF : 1777792.9/9

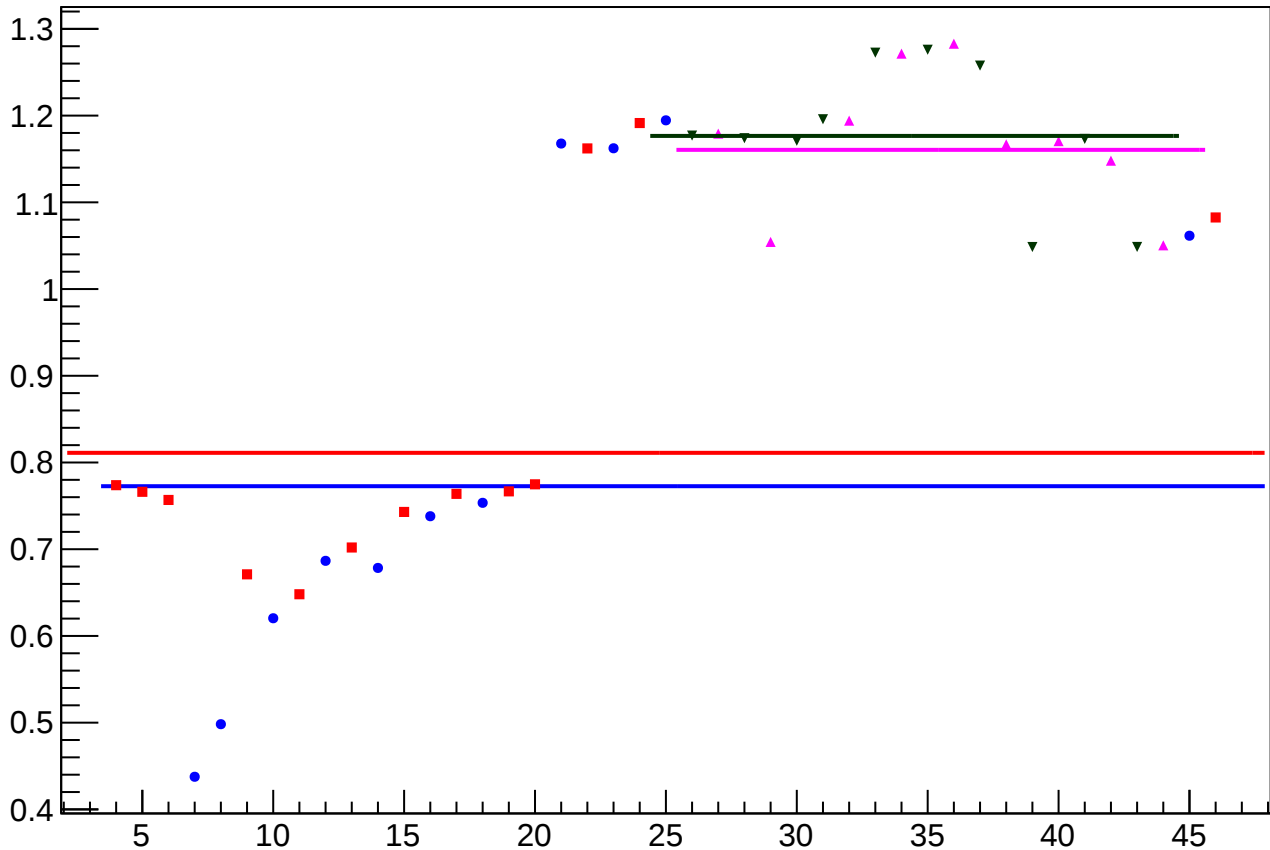
Right Out: 0.013+/-0.000 χ^2/NDF : 2234761.5/12

Left In: 0.064+/-0.000 χ^2/NDF : 1800340.3/8

0.021+/-0.000 χ^2/NDF : 6584990.5/20

0.015+/-0.000 χ^2/NDF : 8140950.7/21

yield_bpm11X_mean vs slug



Right In: 0.773 $\pm$ 0.000 χ^2 /NDF: 930823208.2/10

Left Out: 1.177 $\pm$ 0.000 χ^2 /NDF: 56492661.1/9

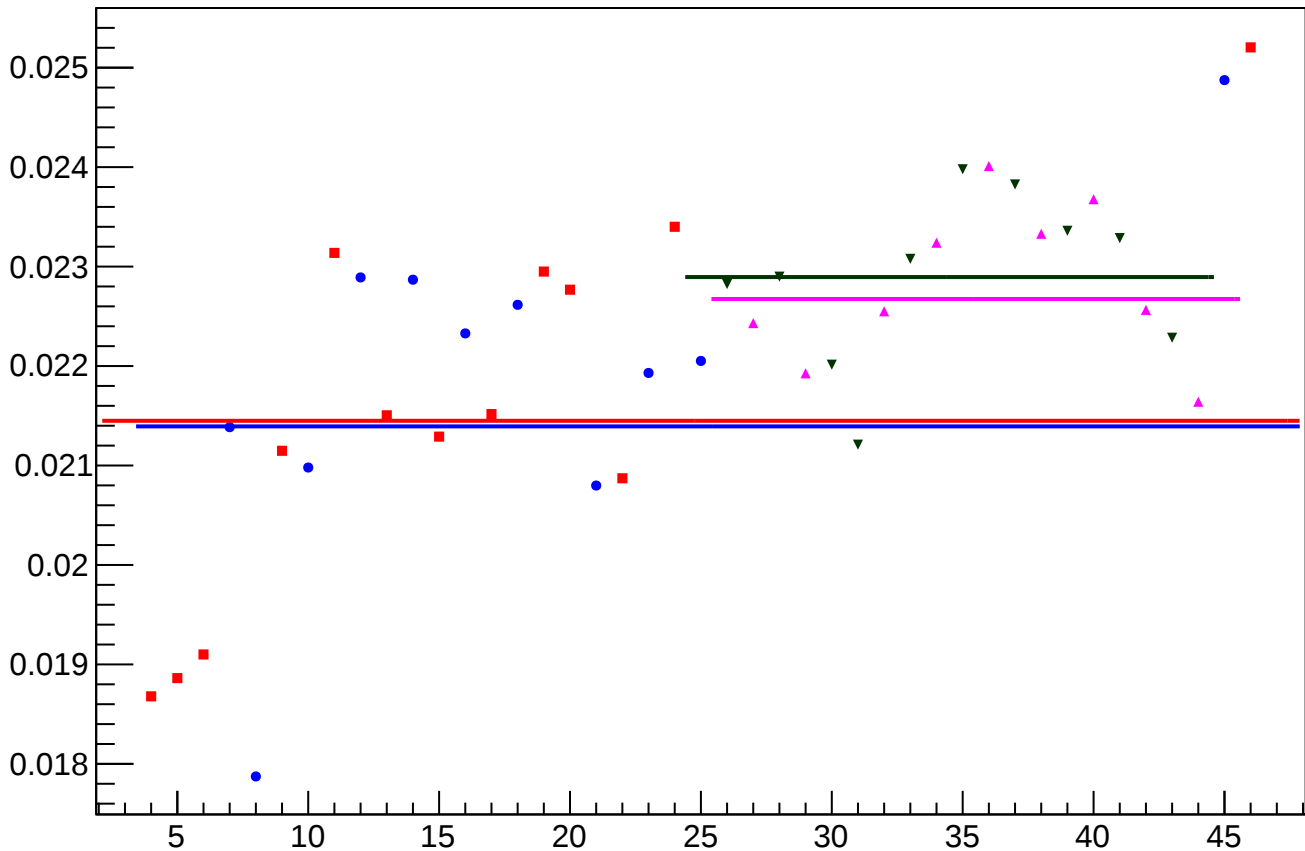
0.934 $\pm$ 0.000 χ^2 /NDF: 1951940558.3/20

Right Out: 0.811 $\pm$ 0.000 χ^2 /NDF: 445761680.1/12

0.959 $\pm$ 0.000 χ^2 /NDF: 1247875059.8/21

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF: 58009580.0/8

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 114156.2/10

Left Out: 0.023+/-0.000 χ^2/NDF :11436.5/9

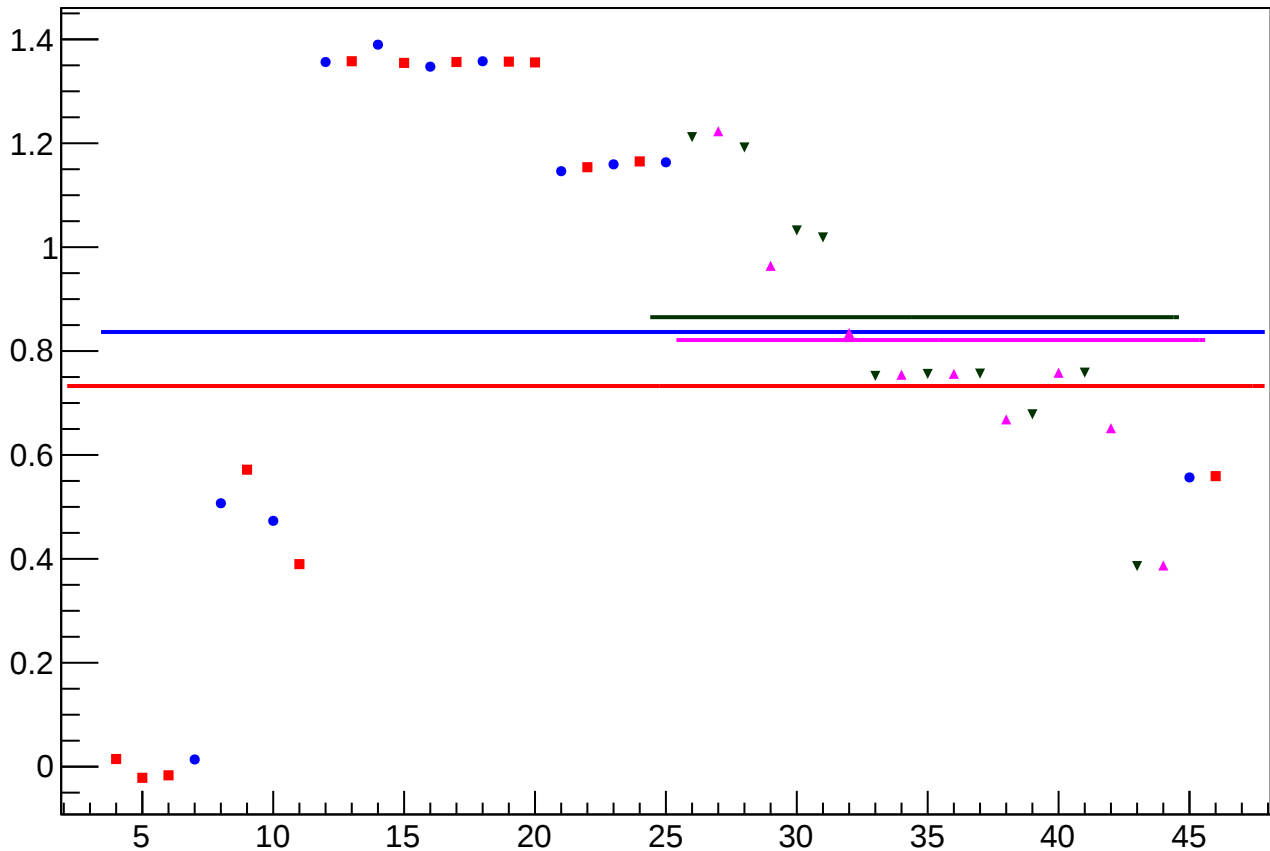
Right Out: 0.021+/-0.000 χ^2/NDF : 78397.1/12

Left In: 0.023+/-0.000 χ^2/NDF :10426.9/8

0.022+/-0.000 χ^2/NDF : 152247.2/20

0.022+/-0.000 χ^2/NDF : 107109.9/21

yield_bpm11Y_mean vs slug



Right In: 0.837 $\pm$ 0.000 χ^2 /NDF: 107432700207.8/10

Left Out: 0.865 $\pm$ 0.000 χ^2 /NDF:19769026573.0/9

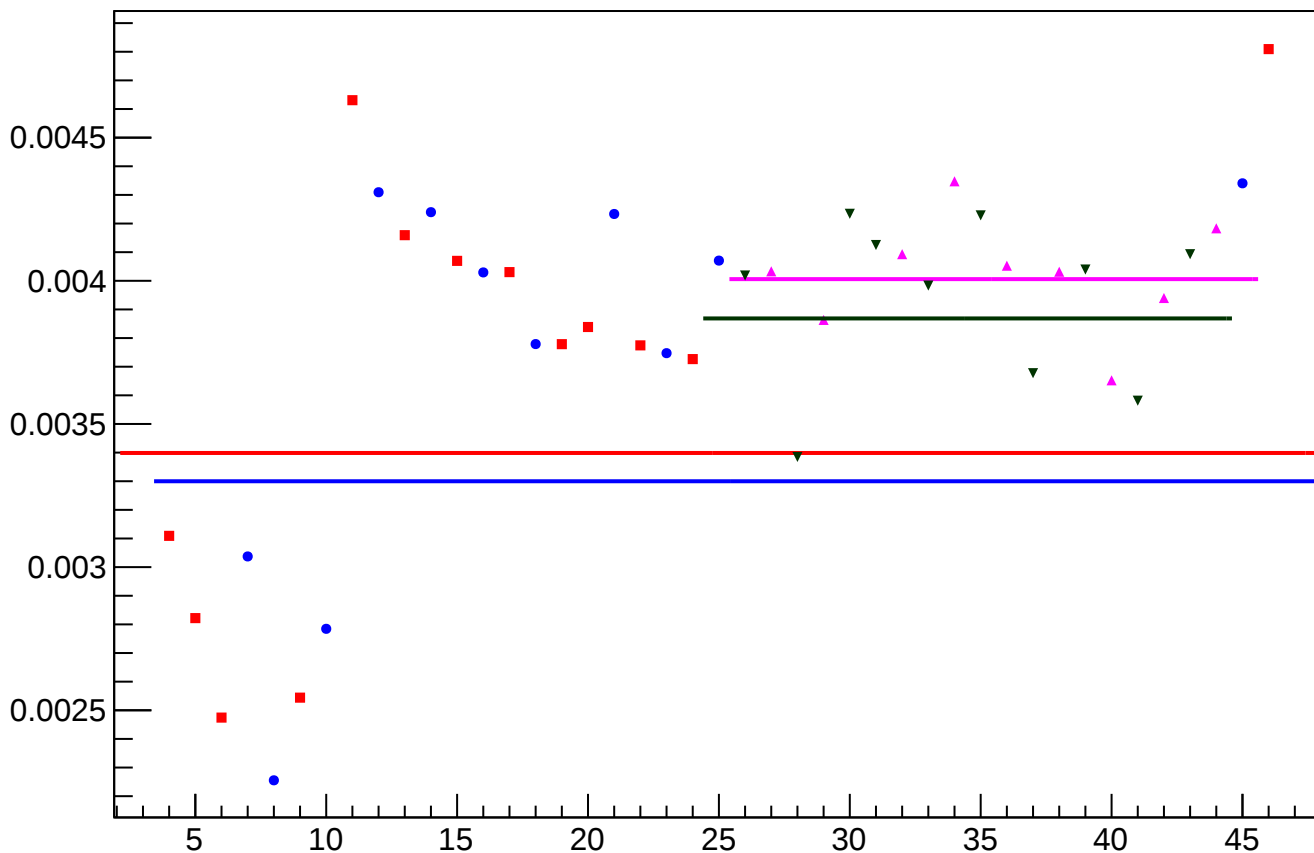
0.847 $\pm$ 0.000 χ^2 /NDF: 127375151949.3/20

Right Out: 0.733 $\pm$ 0.000 χ^2 /NDF: 163770815993.7/12

0.767 $\pm$ 0.000 χ^2 /NDF: 182344954604.2/21

Left In: 0.821 $\pm$ 0.000 χ^2 /NDF:16931746791.3/8

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 819438.1/10

Left Out: 0.004+/-0.000 χ^2/NDF :59617.0/9

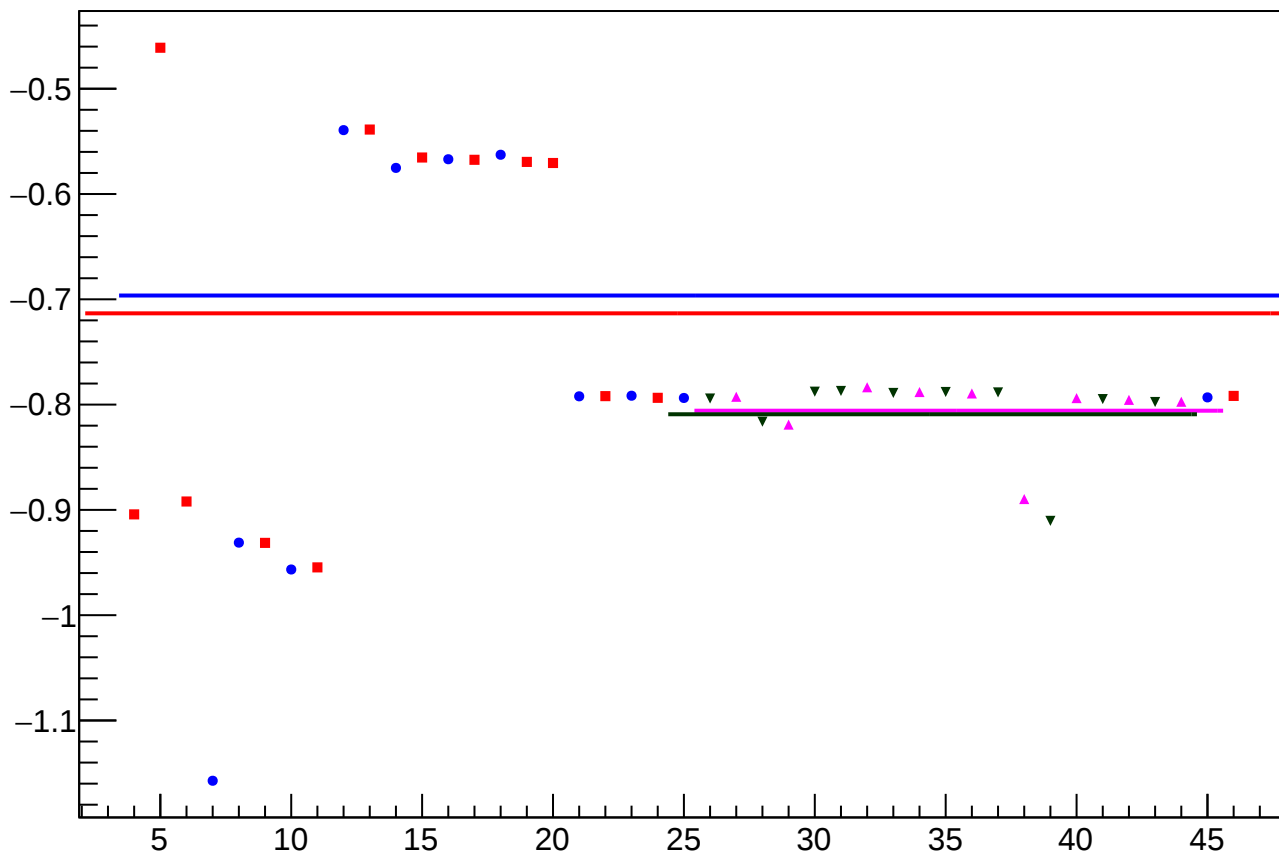
Right Out: 0.003+/-0.000 χ^2/NDF : 657004.5/12

Left In: 0.004+/-0.000 χ^2/NDF :20484.3/8

0.004+/-0.000 χ^2/NDF : 1017039.1/20

0.004+/-0.000 χ^2/NDF : 831956.6/21

yield_bpm12X_mean vs slug



Right In: -0.696+/-0.000 χ^2/NDF : 1928887955.6/10

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

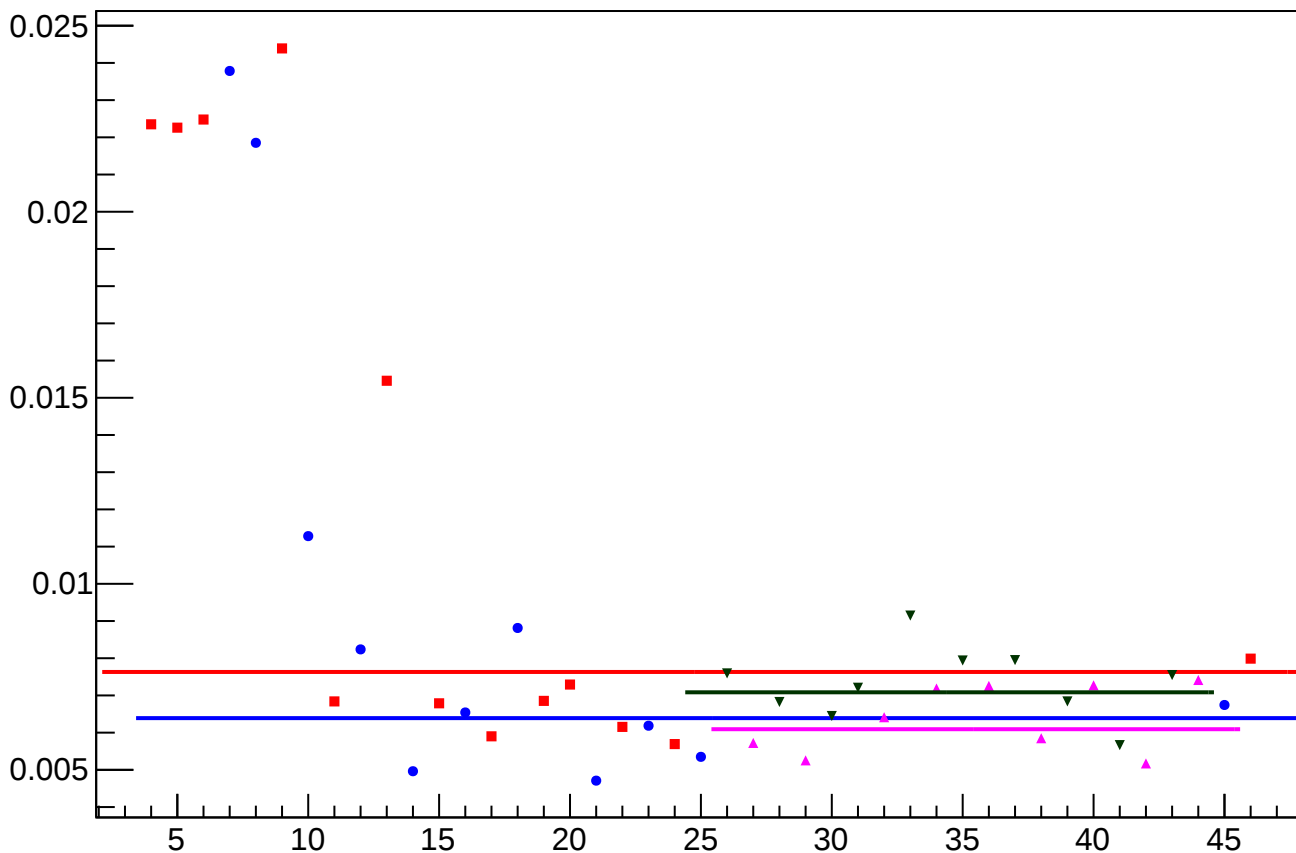
Right Out: -0.713+/-0.000 χ^2/NDF : 1753652445.9/12

Left In: -0.806+/-0.000 χ^2/NDF : 95429738.5/8

-0.742+/-0.000 χ^2/NDF : 2639520972.1/20

-0.767+/-0.000 χ^2/NDF : 2238034260.4/21

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1835648.7/10

Left Out: 0.007+/-0.000 χ^2/NDF :128168.7/9

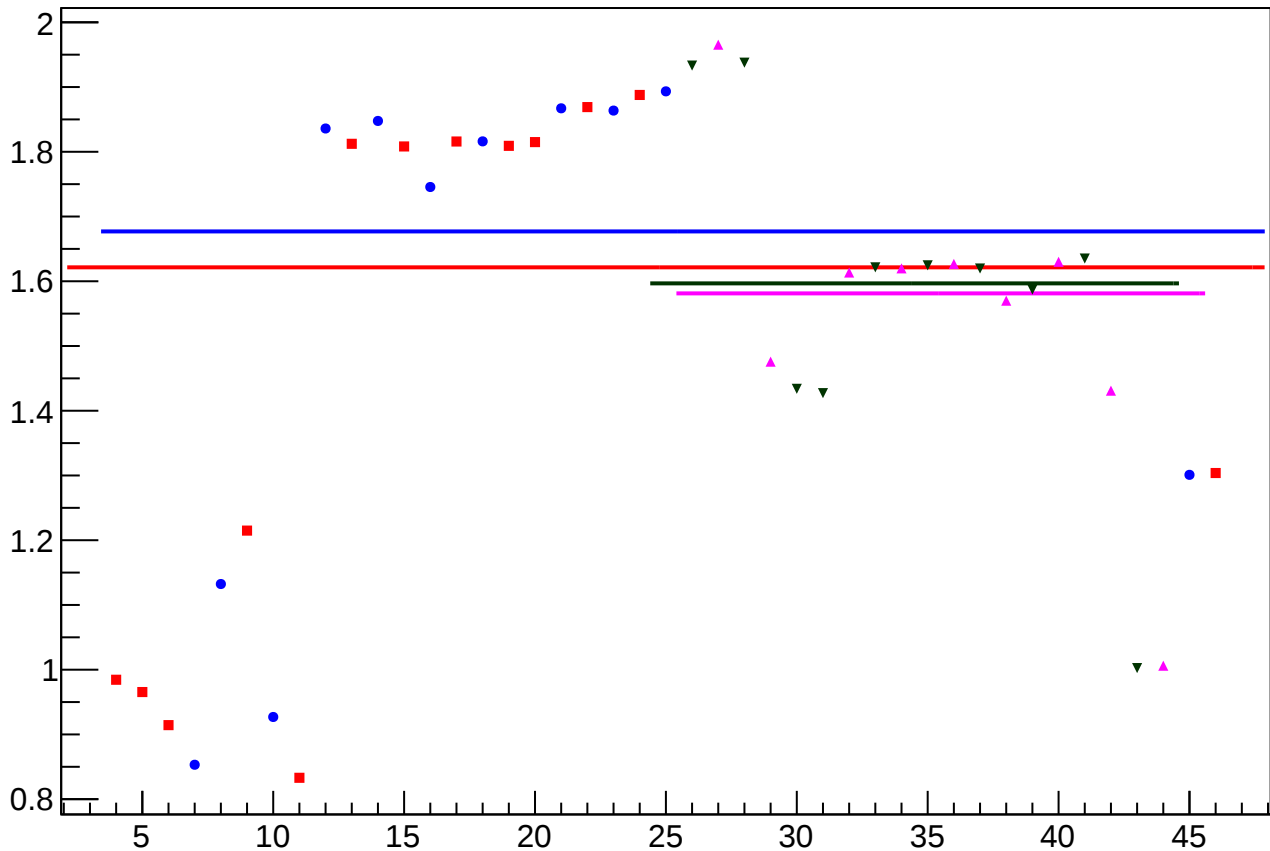
Right Out: 0.008+/-0.000 χ^2/NDF : 2295407.2/12

Left In: 0.006+/-0.000 χ^2/NDF :142266.3/8

0.007+/-0.000 χ^2/NDF : 2008611.8/20

0.007+/-0.000 χ^2/NDF : 2653017.0/21

yield_bpm12Y_mean vs slug



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 12916450159.1/10

Left Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 6672070685.1/9

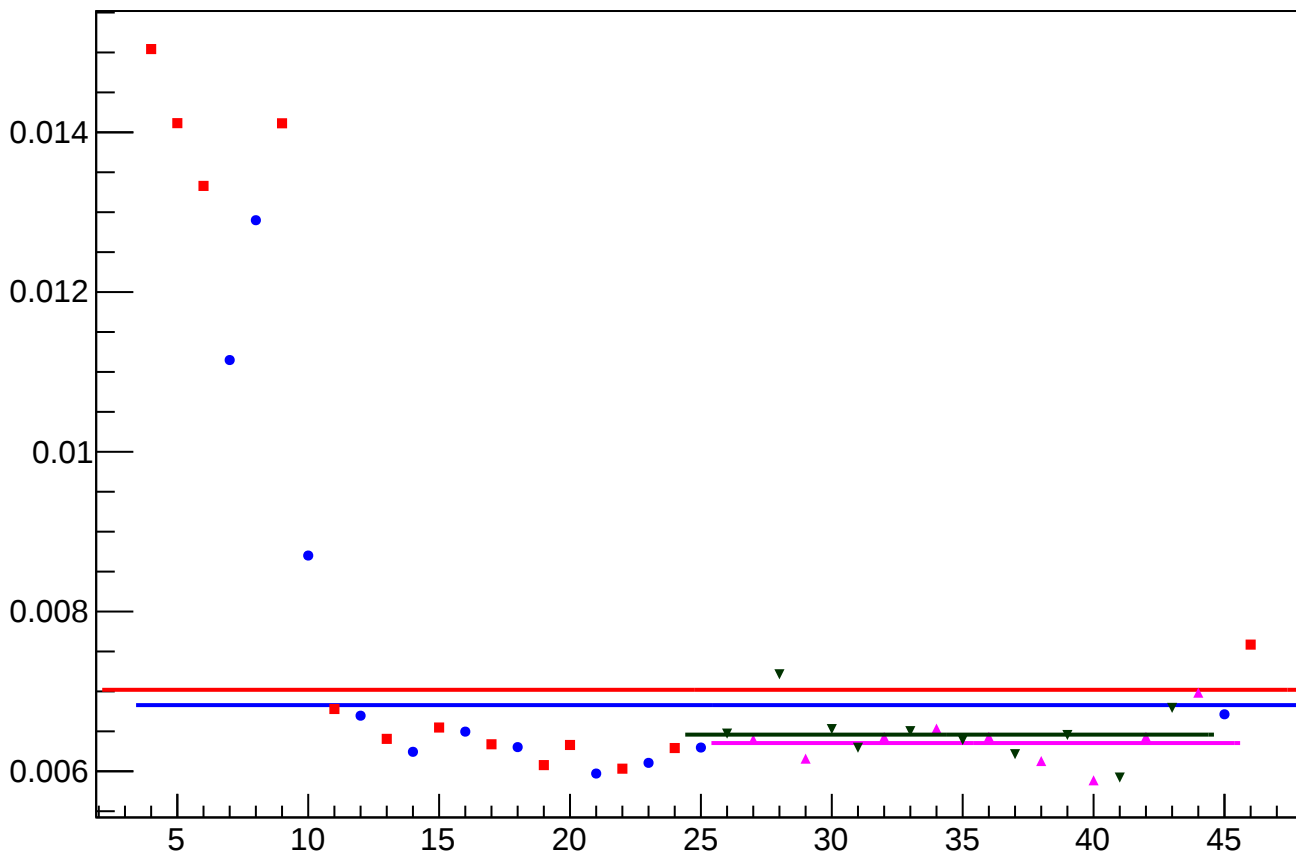
1.639 $\pm$ 0.000 χ^2 /NDF: 19989443061.8/20

Right Out: 1.622 $\pm$ 0.000 χ^2 /NDF: 16516862465.4/12

1.601 $\pm$ 0.000 χ^2 /NDF: 23372987476.8/21

Left In: 1.581 $\pm$ 0.000 χ^2 /NDF: 6756929993.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 601326.7/10

Left Out: 0.006+/-0.000 χ^2/NDF :26704.2/9

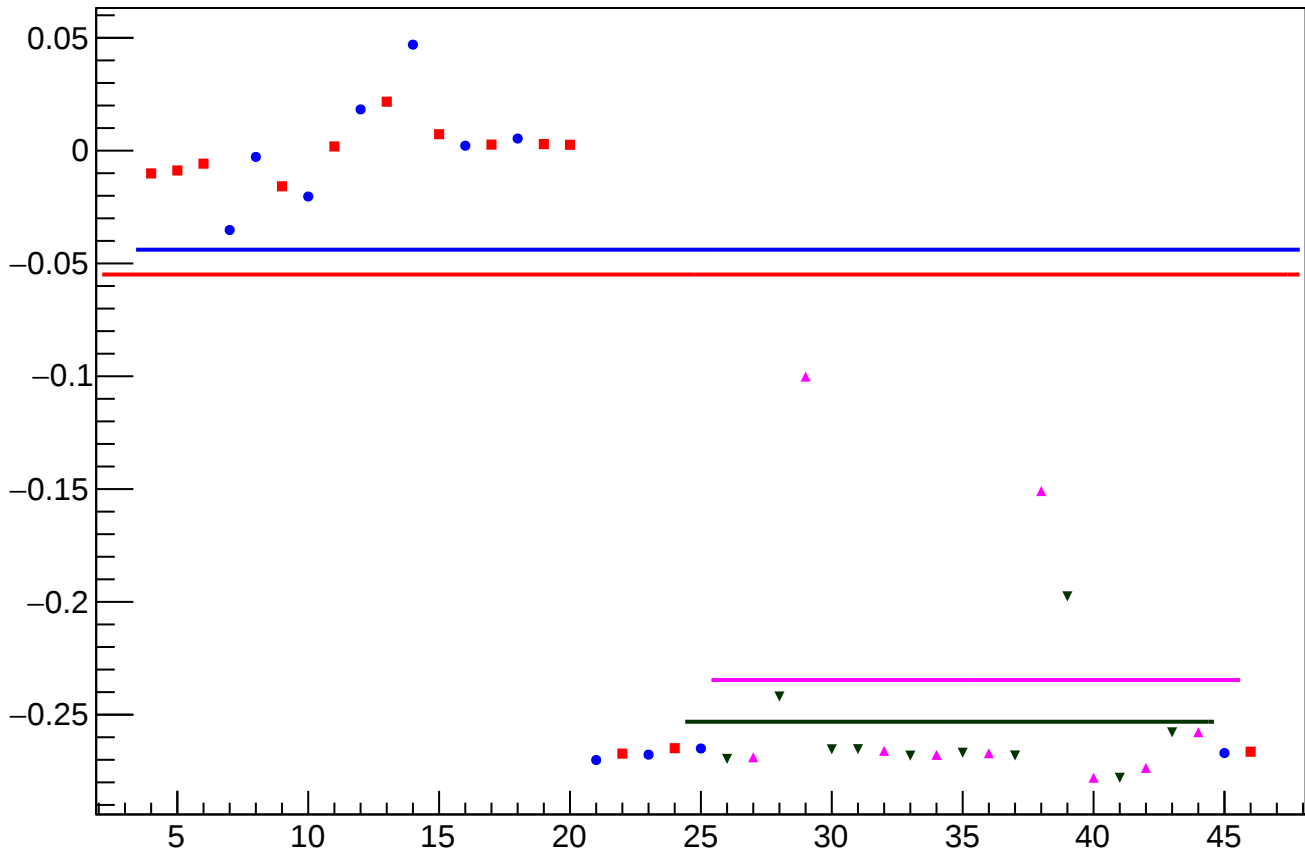
Right Out: 0.007+/-0.000 χ^2/NDF : 978436.4/12

Left In: 0.006+/-0.000 χ^2/NDF :17689.1/8

0.007+/-0.000 χ^2/NDF : 645035.0/20

0.007+/-0.000 χ^2/NDF : 1050605.7/21

yield_bpm16X_mean vs slug



Right In: -0.044+/-0.000 χ^2/NDF : 2769149607.4/10

Left Out: -0.253+/-0.000 χ^2/NDF : 114103318.3/9

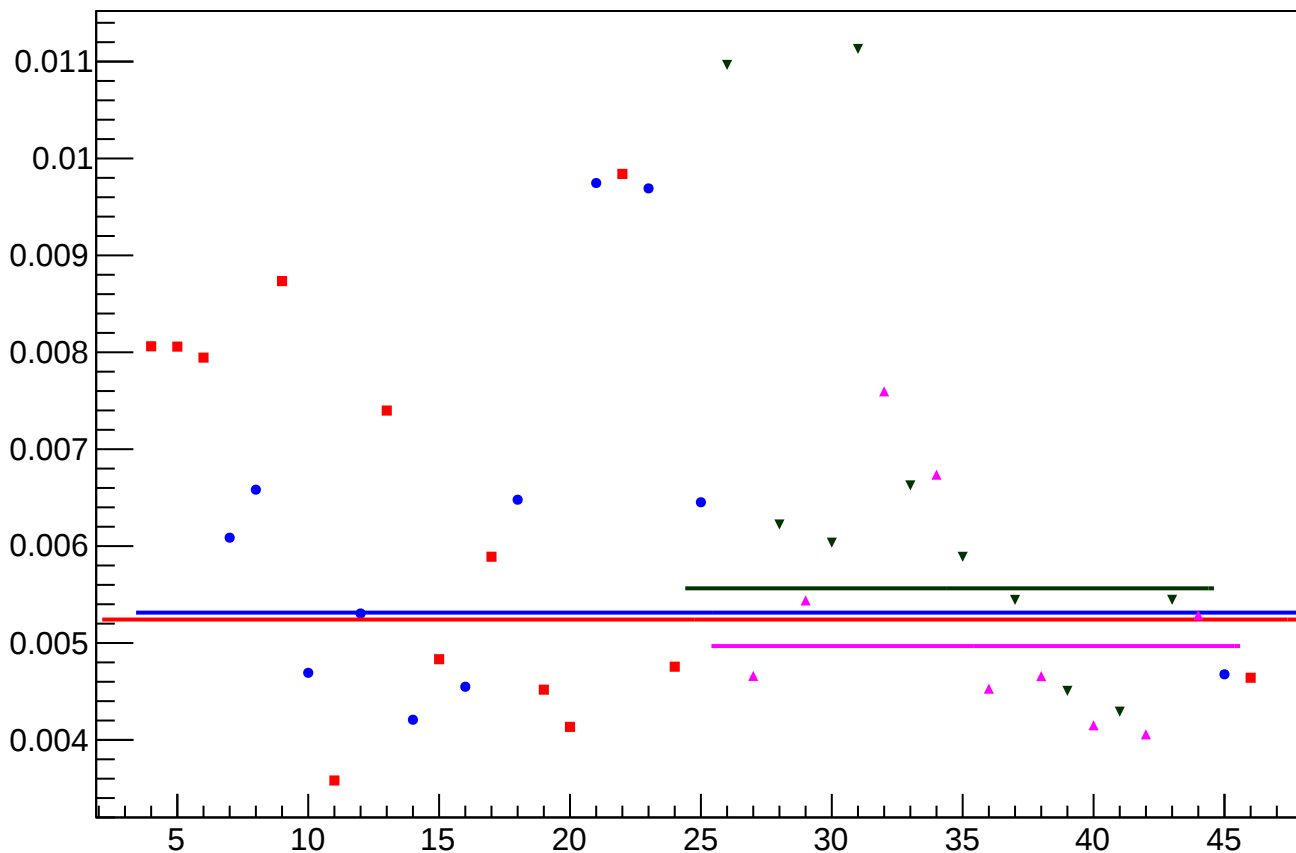
-0.129+/-0.000 χ^2/NDF : 6656516039.0/20

Right Out: -0.055+/-0.000 χ^2/NDF : 2563955612.6/12

-0.142+/-0.000 χ^2/NDF : 6611545826.1/21

Left In: -0.235+/-0.000 χ^2/NDF : 787599053.3/8

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 830604.4/10

Left Out: 0.006+/-0.000 χ^2/NDF :608011.7/9

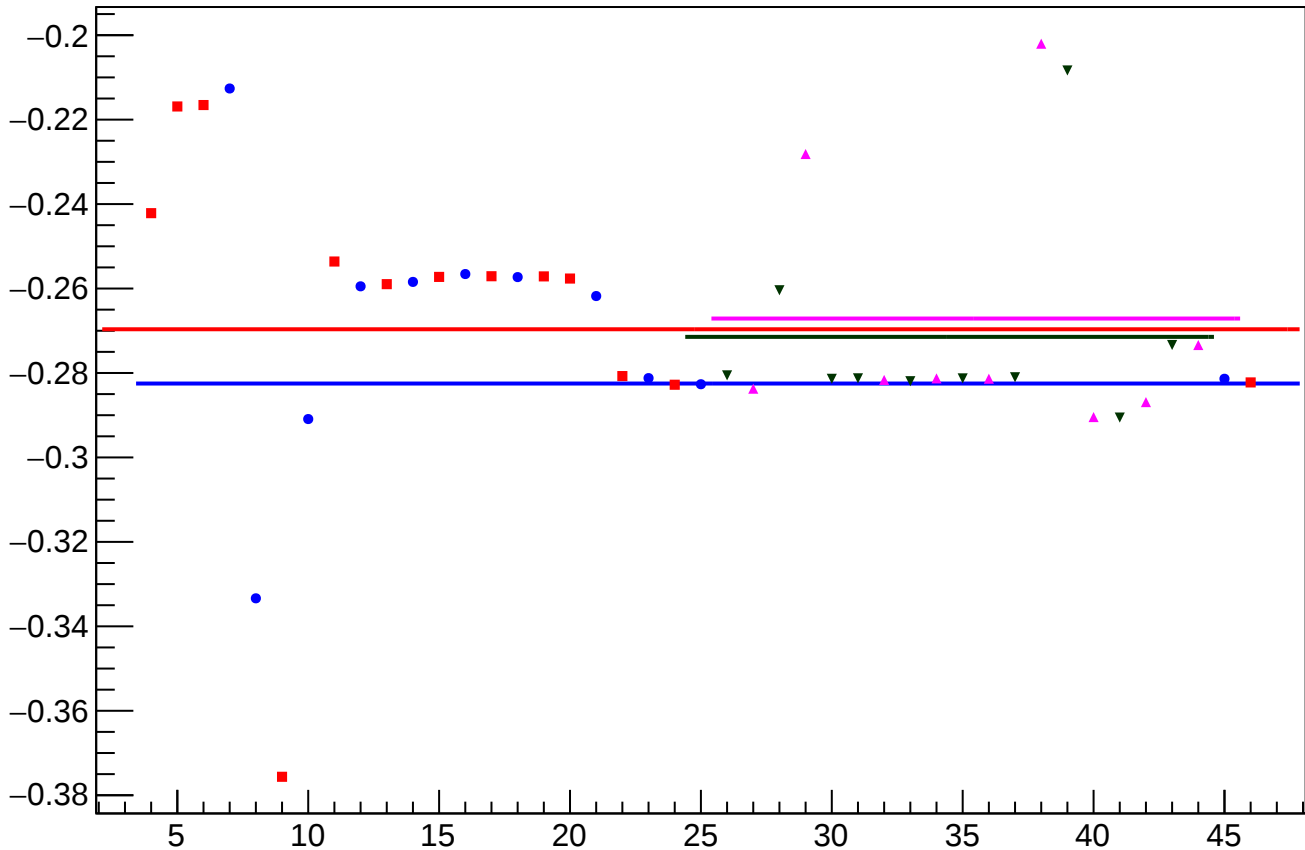
Right Out: 0.005+/-0.000 χ^2/NDF : 1220045.3/12

Left In: 0.005+/-0.000 χ^2/NDF :366477.9/8

0.005+/-0.000 χ^2/NDF : 1449437.9/20

0.005+/-0.000 χ^2/NDF : 1601622.1/21

yield_bpm16Y_mean vs slug



Right In: -0.282 $\pm$ 0.000 χ^2/NDF : 1067134488.4/10

Left Out: -0.271 $\pm$ 0.000 χ^2/NDF : 349277523.0/9

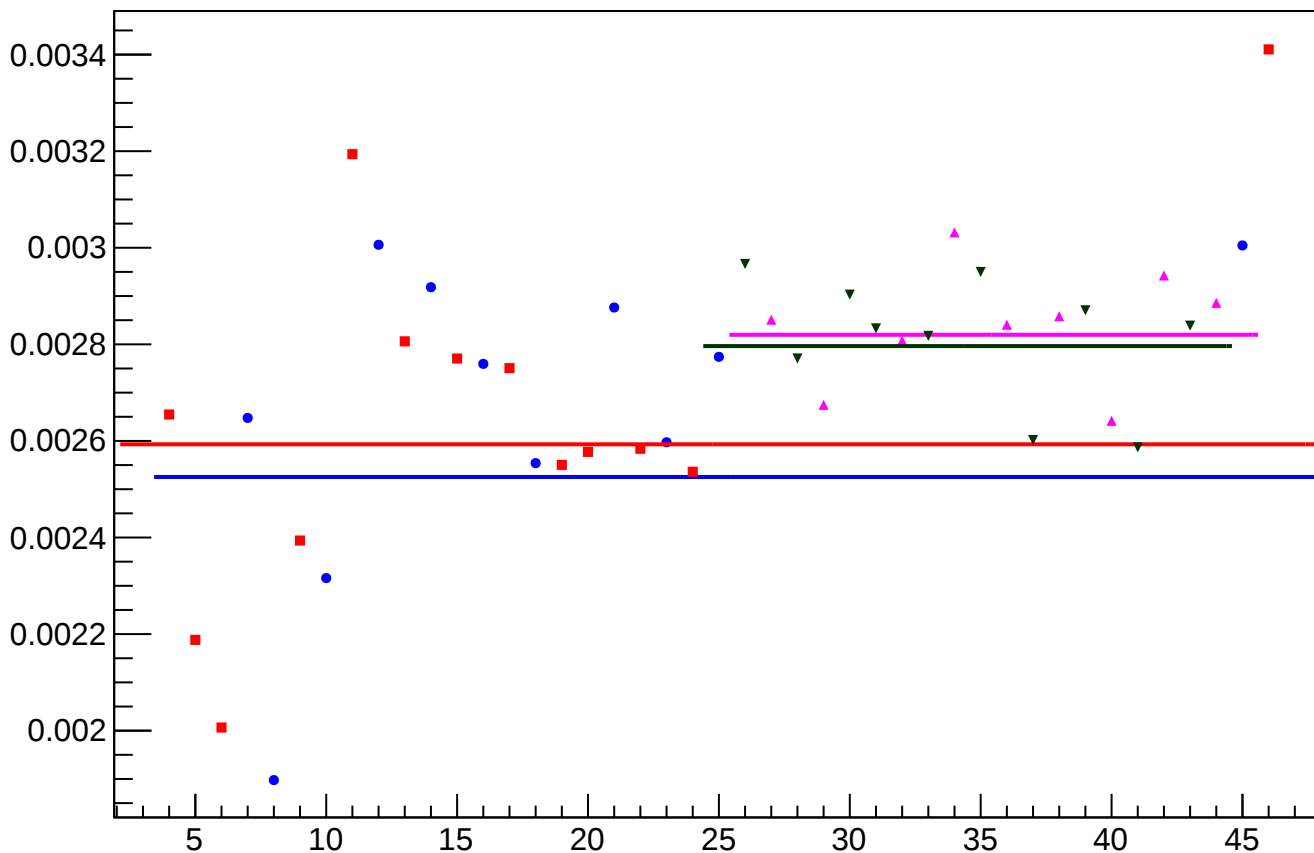
-0.278 $\pm$ 0.000 χ^2/NDF : 1465612502.0/20

Right Out: -0.270 $\pm$ 0.000 χ^2/NDF : 1942053010.1/12

-0.269 $\pm$ 0.000 χ^2/NDF : 2498302828.6/21

Left In: -0.267 $\pm$ 0.000 χ^2/NDF : 553669253.3/8

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 336961.0/10

Left Out: 0.003+/-0.000 χ^2/NDF : 22003.3/9

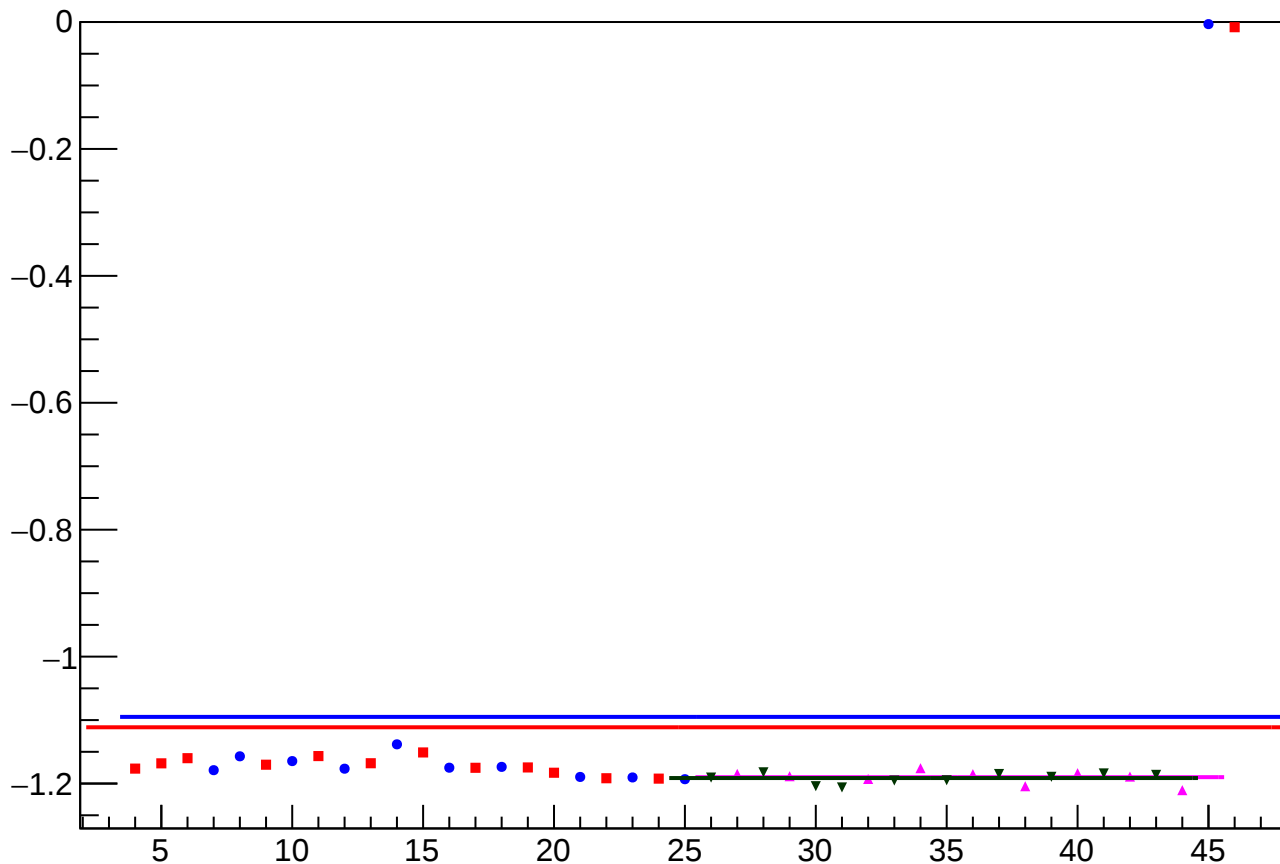
Right Out: 0.003+/-0.000 χ^2/NDF : 230053.8/12

Left In: 0.003+/-0.000 χ^2/NDF : 16488.2/8

0.003+/-0.000 χ^2/NDF : 418150.8/20

0.003+/-0.000 χ^2/NDF : 287668.1/21

yield_bpm2i01X_mean vs slug



Right In: -1.095+/-0.000 χ^2/NDF : 11097544167.7/10

Left Out: -1.191+/-0.000 χ^2/NDF : 4812748.3/9

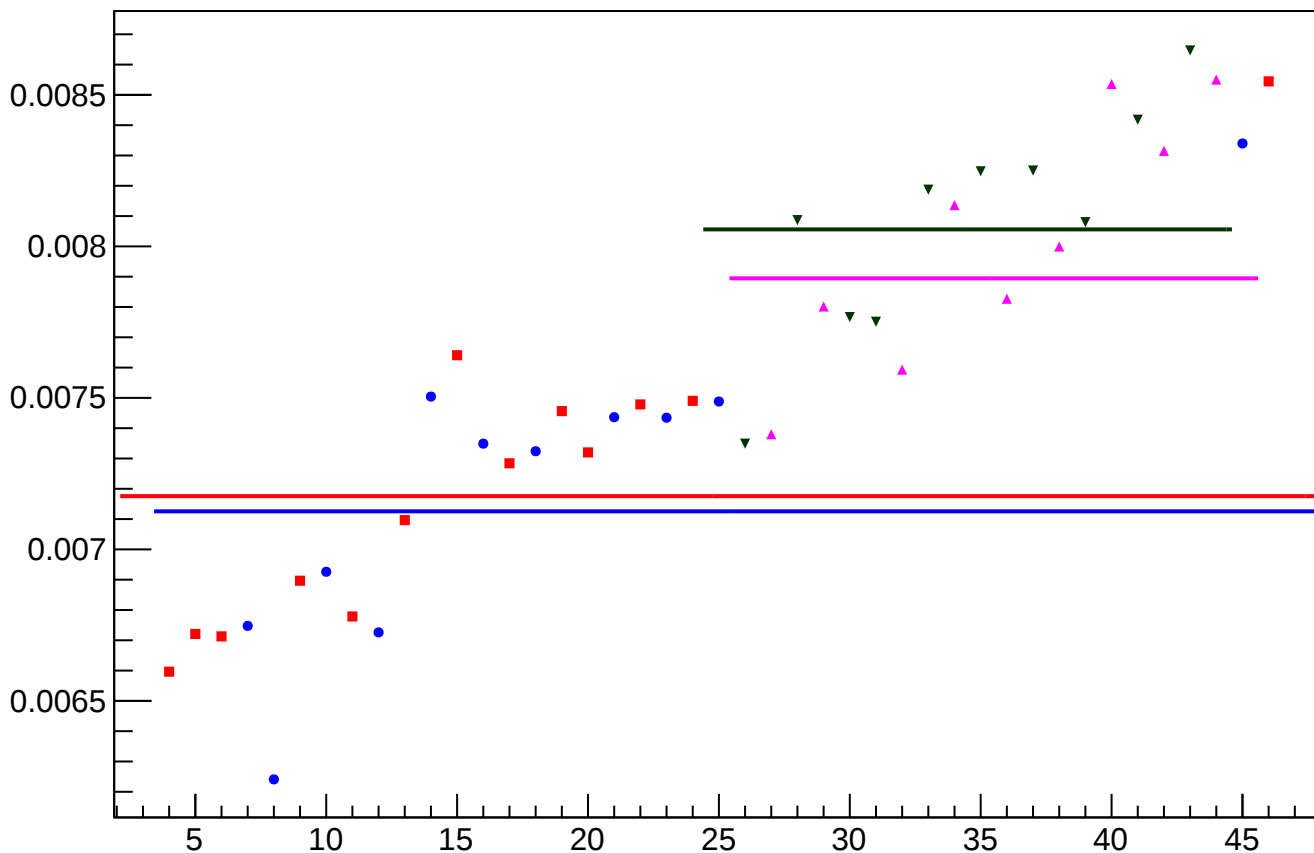
Right Out: -1.111+/-0.000 χ^2/NDF : 8709887100.3/12

Left In: -1.190+/-0.000 χ^2/NDF : 6924812.0/8

-1.131+/-0.000 χ^2/NDF : 11575285189.3/20

-1.143+/-0.000 χ^2/NDF : 9044689456.6/21

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 81966.8/10

Left Out: 0.008+/-0.000 χ^2/NDF :19479.9/9

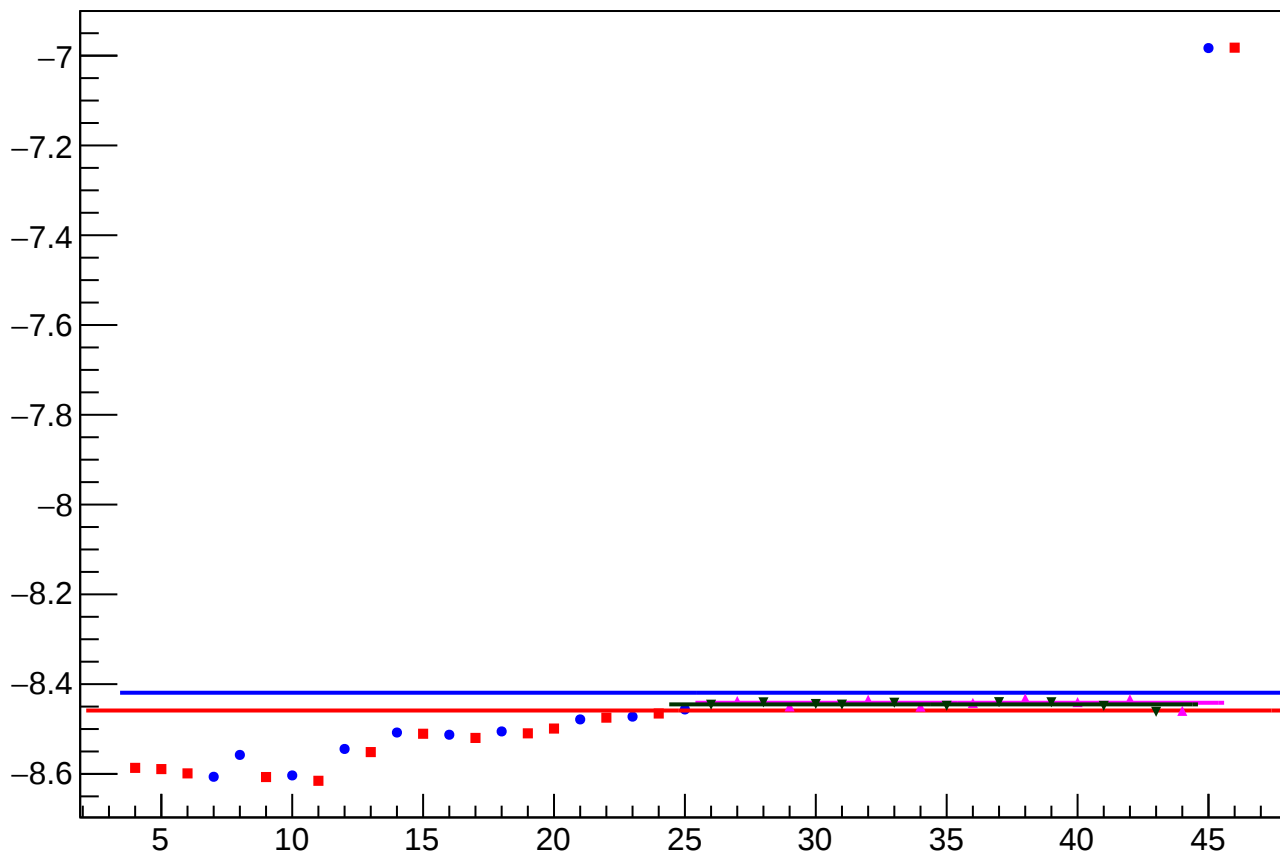
Right Out: 0.007+/-0.000 χ^2/NDF : 54641.6/12

Left In: 0.008+/-0.000 χ^2/NDF :26175.0/8

0.007+/-0.000 χ^2/NDF : 189625.9/20

0.007+/-0.000 χ^2/NDF : 135673.9/21

yield_bpm2i01Y_mean vs slug



Right In: -8.419+/-0.000 χ^2/NDF : 24236296283.9/10

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

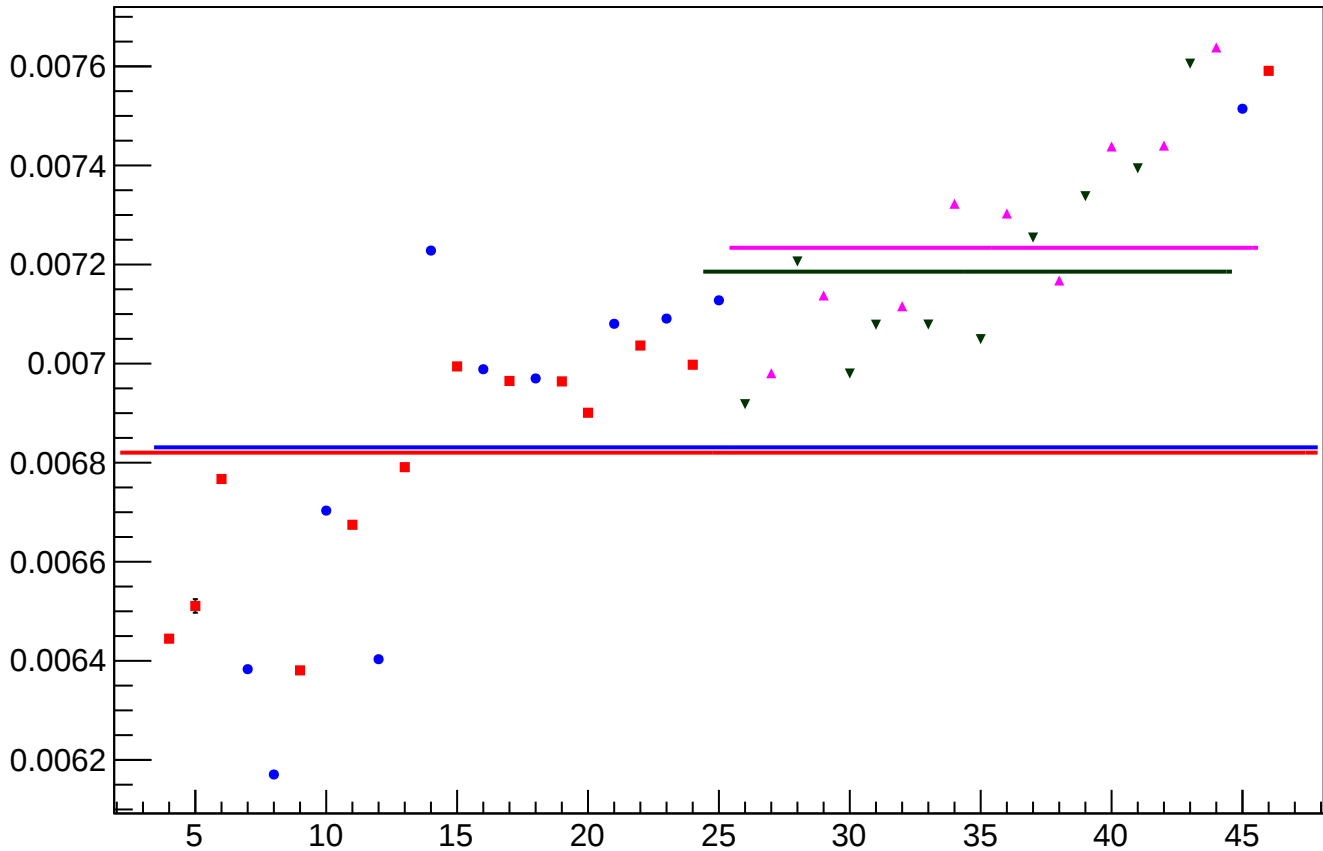
Right Out: -8.459+/-0.000 χ^2/NDF : 20019624186.8/12

Left In: -8.441+/-0.000 χ^2/NDF : 7266938.1/8

-8.430+/-0.000 χ^2/NDF : 24281028898.4/20

-8.451+/-0.000 χ^2/NDF : 20045399649.3/21

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 50706.5/10

Left Out: 0.007+/-0.000 χ^2/NDF : 7631.6/9

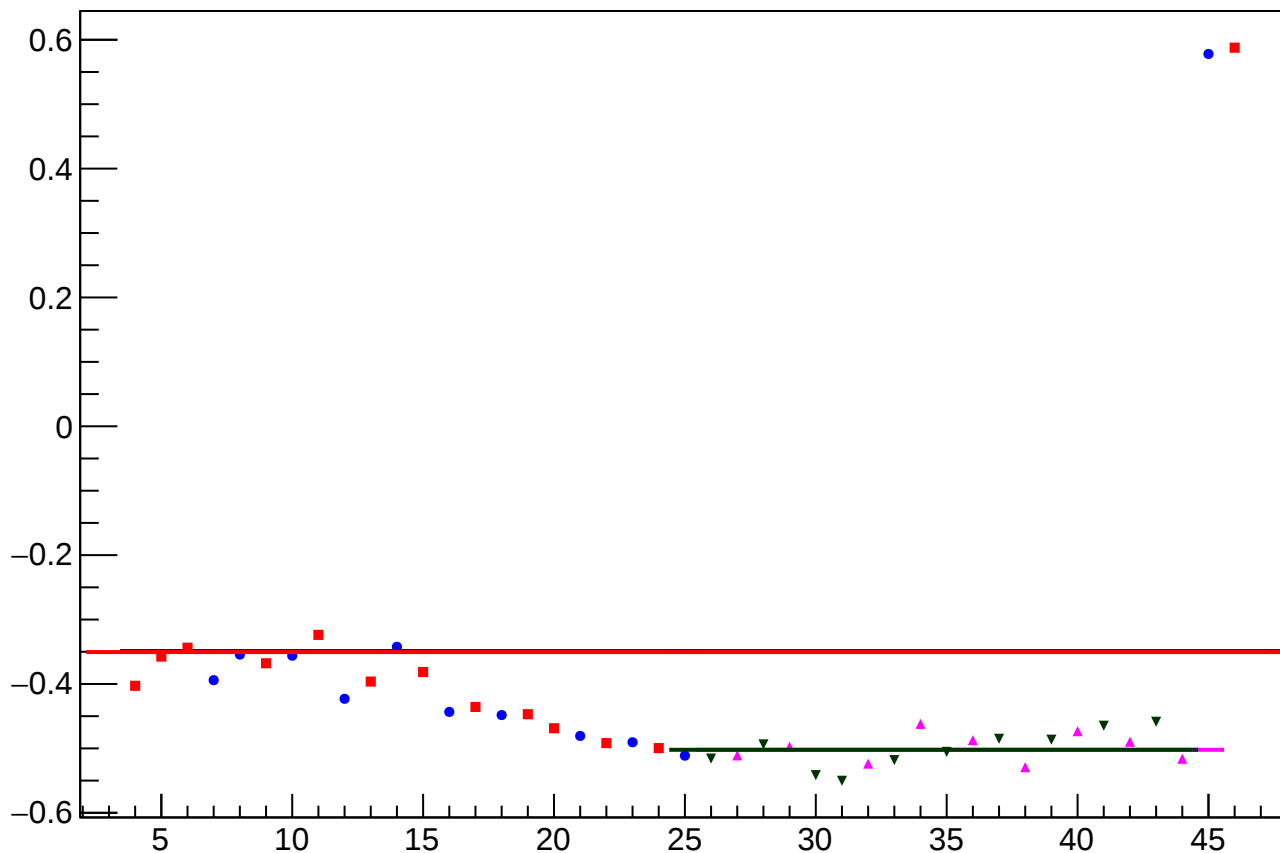
Right Out: 0.007+/-0.000 χ^2/NDF : 24659.2/12

Left In: 0.007+/-0.000 χ^2/NDF : 7802.2/8

0.007+/-0.000 χ^2/NDF : 73802.0/20

0.007+/-0.000 χ^2/NDF : 53745.8/21

yield_bpm2i02X_mean vs slug



Right In: -0.349+/-0.000 χ^2/NDF : 1242489985.9/10

Left Out: -0.502+/-0.000 χ^2/NDF : 9337230.3/9

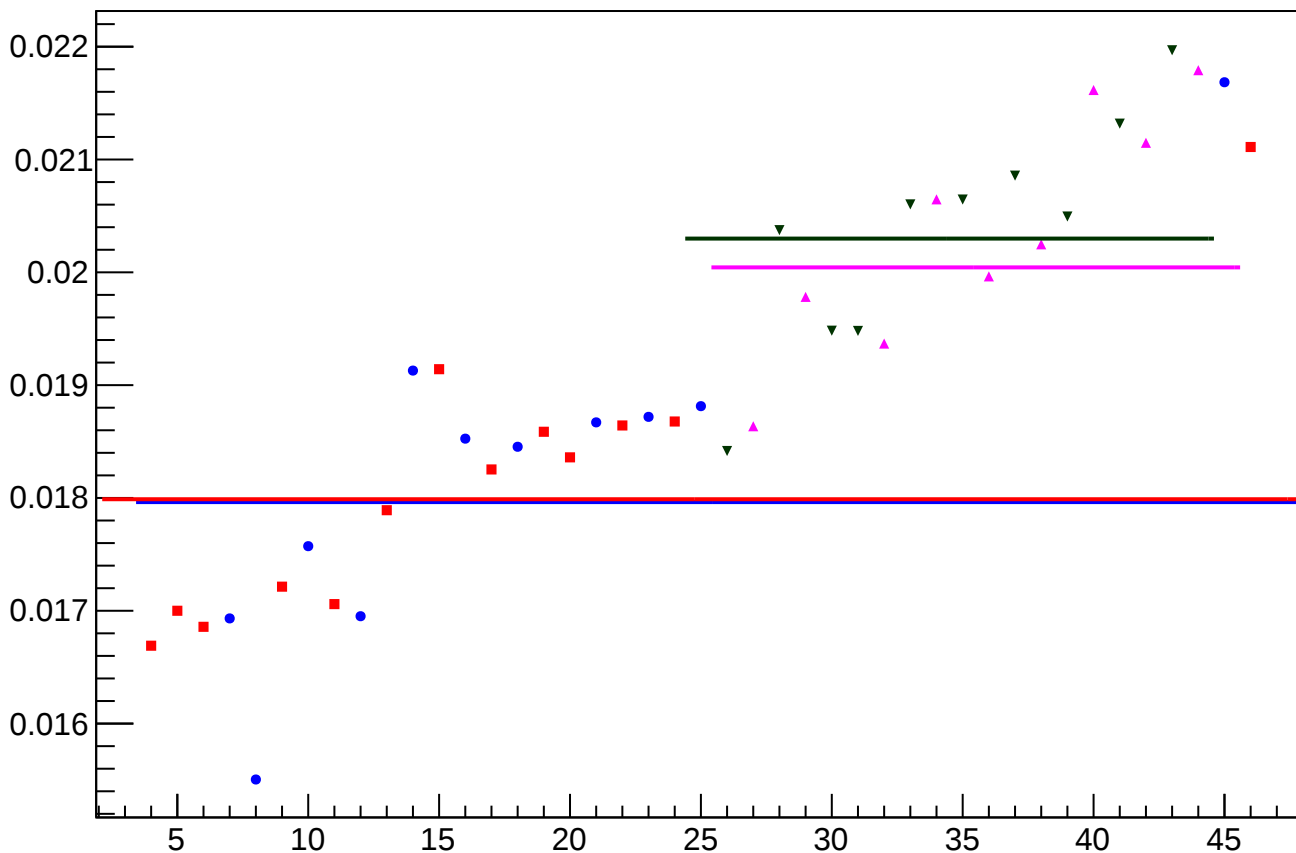
Right Out: -0.350+/-0.000 χ^2/NDF : 1099656309.3/12

Left In: -0.502+/-0.000 χ^2/NDF : 5607835.8/8

-0.406+/-0.000 χ^2/NDF : 1440521007.5/20

-0.410+/-0.000 χ^2/NDF : 1296910419.3/21

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 102761.3/10

Left Out: 0.020+/-0.000 χ^2/NDF : 22702.3/9

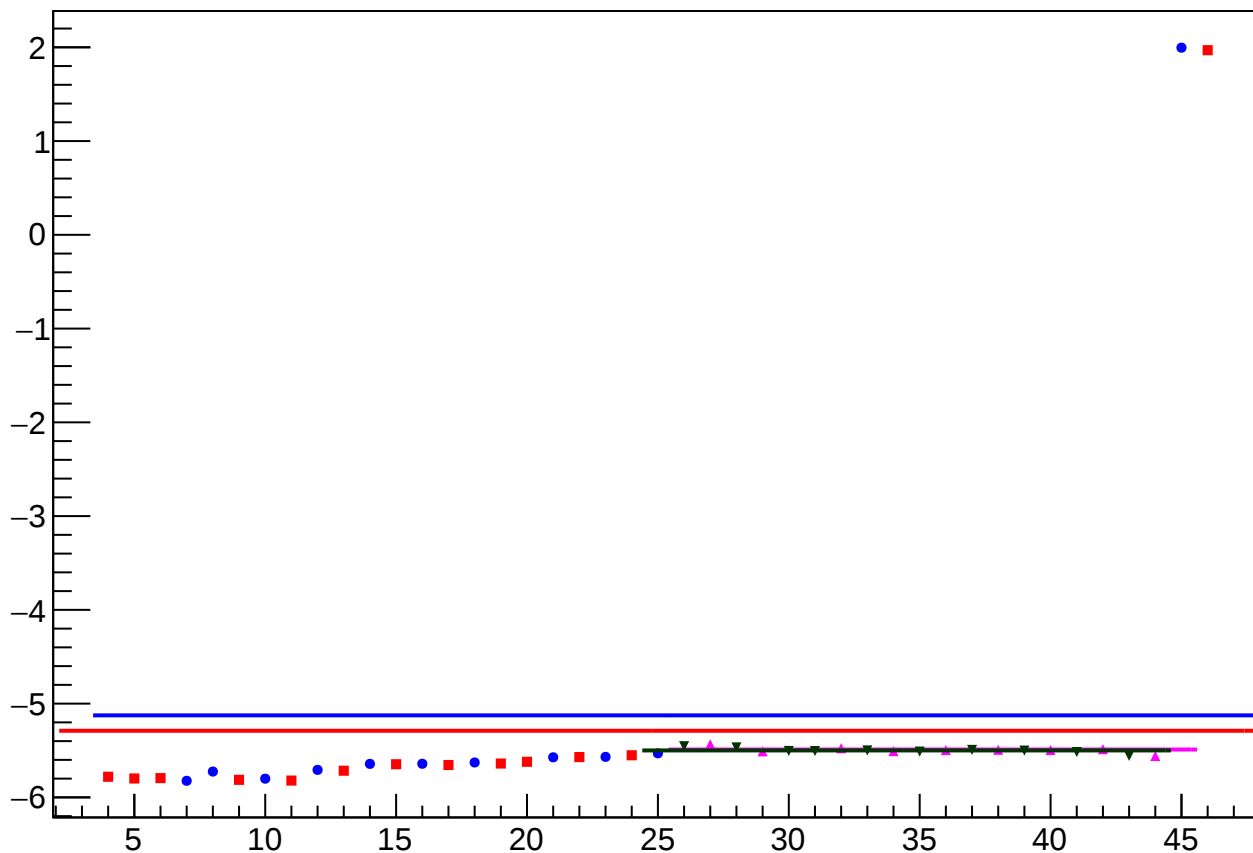
0.019+/-0.000 χ^2/NDF : 213048.5/20

Right Out: 0.018+/-0.000 χ^2/NDF : 47716.9/12

0.019+/-0.000 χ^2/NDF : 145386.7/21

Left In: 0.020+/-0.000 χ^2/NDF : 27295.1/8

yield_bpm2i02Y_mean vs slug



Right In: -5.125+/-0.000 χ^2/NDF : 192729495692.6/10

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

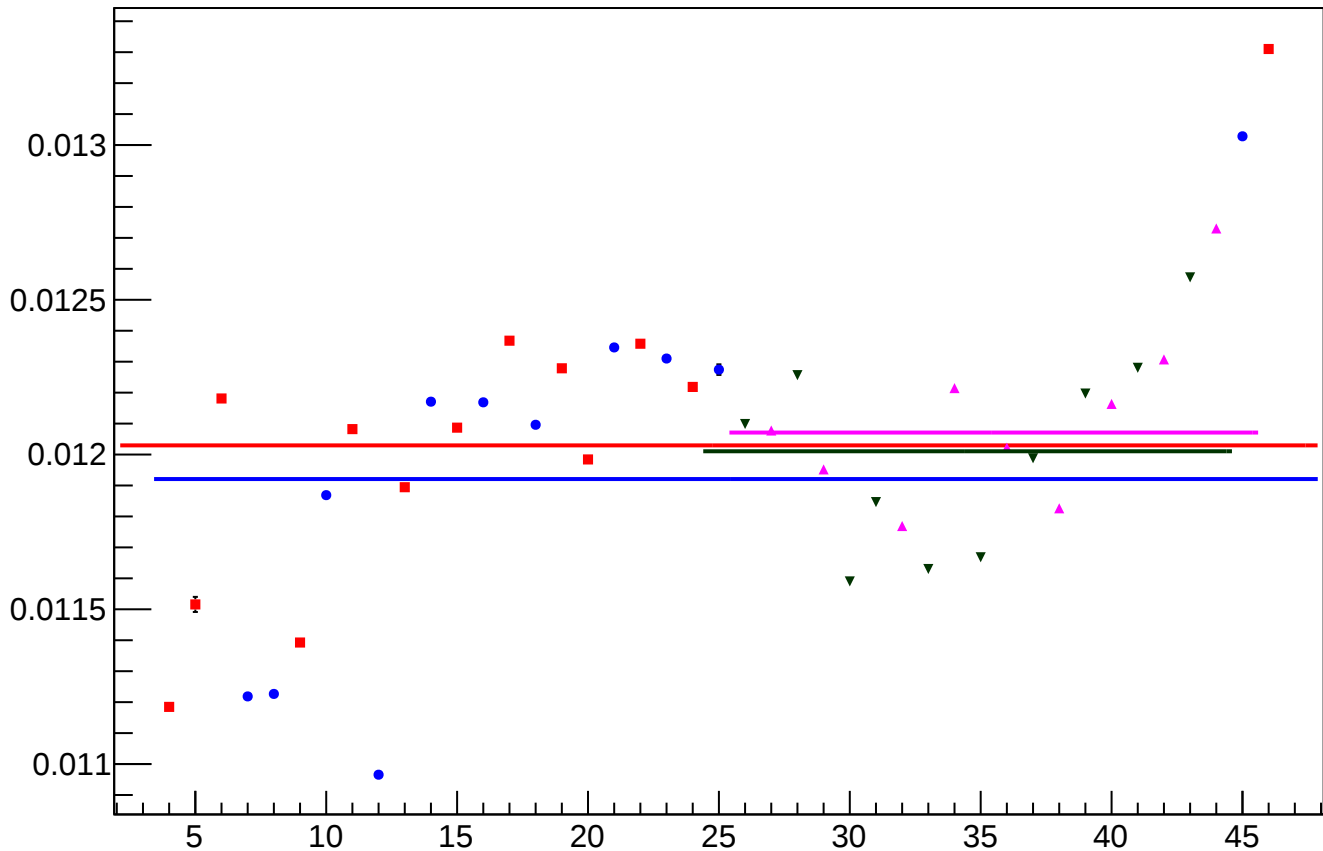
Right Out: -5.289+/-0.000 χ^2/NDF : 142551134262.7/12

Left In: -5.490+/-0.000 χ^2/NDF : 37957034.6/8

-5.286+/-0.000 χ^2/NDF : 195719030565.1/20

-5.380+/-0.000 χ^2/NDF : 143437770116.7/21

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 31573.9/10

Left Out: 0.012+/-0.000 χ^2/NDF : 6913.8/9

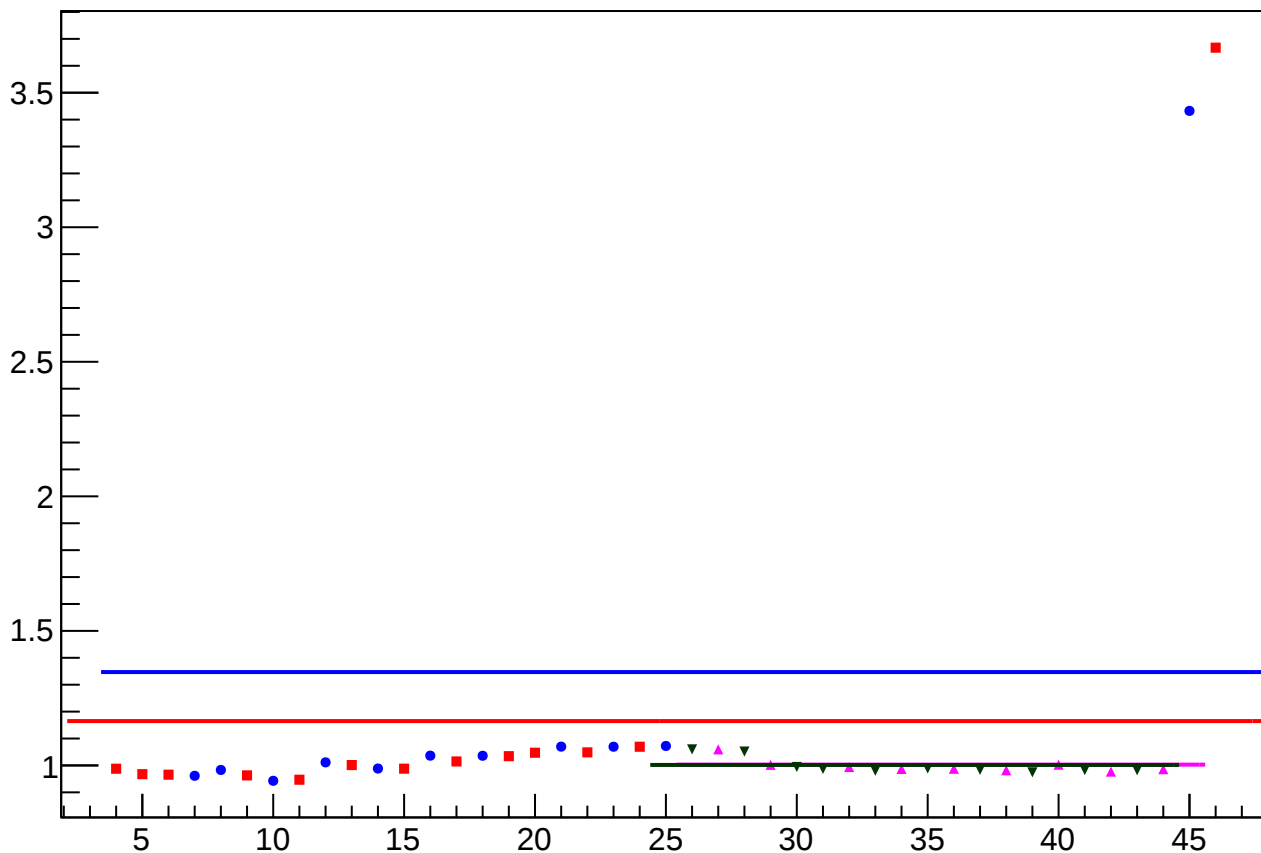
Right Out: 0.012+/-0.000 χ^2/NDF : 20560.0/12

Left In: 0.012+/-0.000 χ^2/NDF : 5130.3/8

0.012+/-0.000 χ^2/NDF : 38829.1/20

0.012+/-0.000 χ^2/NDF : 25763.1/21

yield_bpm1i04X_mean vs slug



Right In: 1.347+/-0.000 χ^2/NDF : 84486167980.0/10

Left Out: 1.002+/-0.000 χ^2/NDF : 93267140.0/9

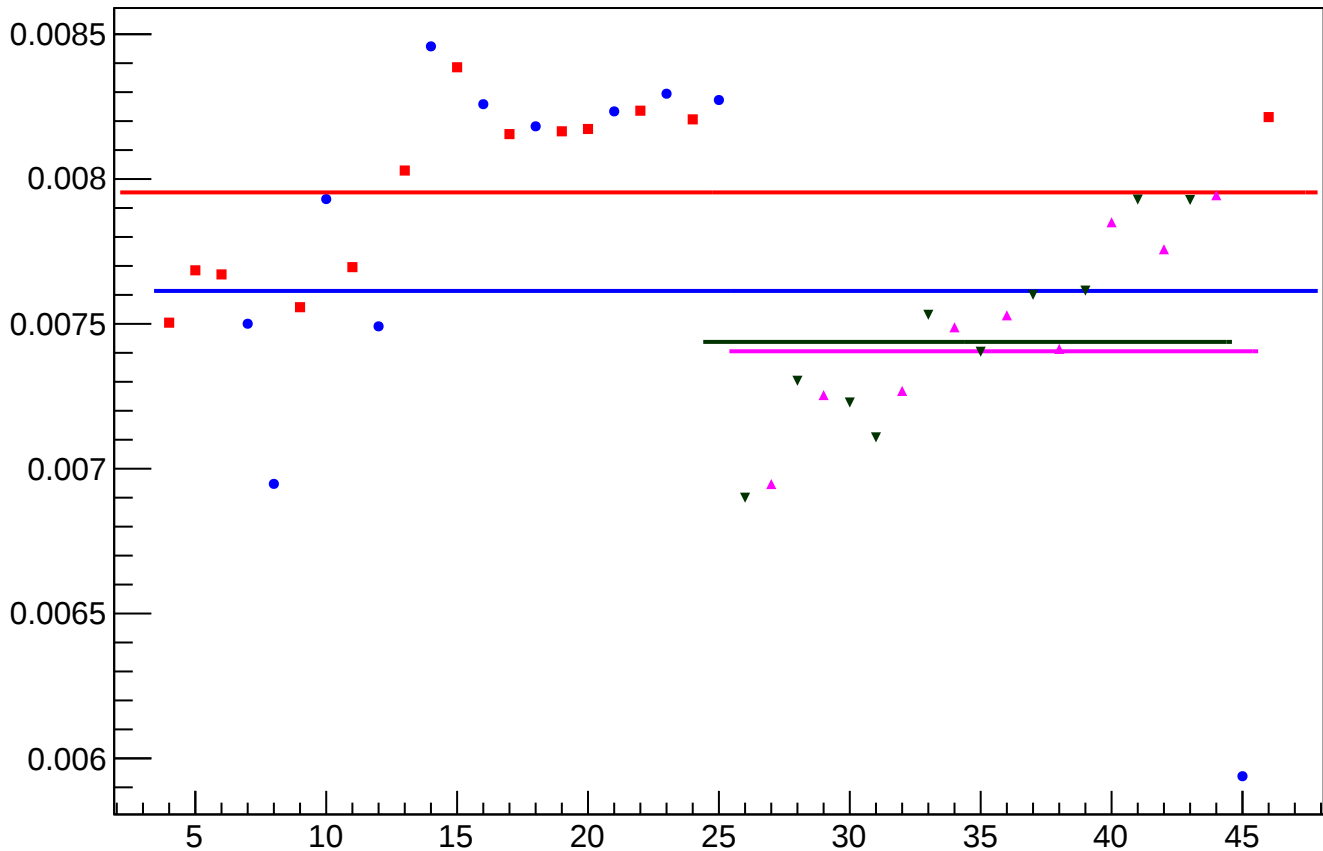
1.194+/-0.000 χ^2/NDF : 90909835197.9/20

Right Out: 1.165+/-0.000 χ^2/NDF : 44775224900.8/12

1.086+/-0.000 χ^2/NDF : 46214392437.9/21

Left In: 1.003+/-0.000 χ^2/NDF : 73816796.1/8

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 166733.6/10

Left Out: 0.007+/-0.000 χ^2/NDF : 18100.0/9

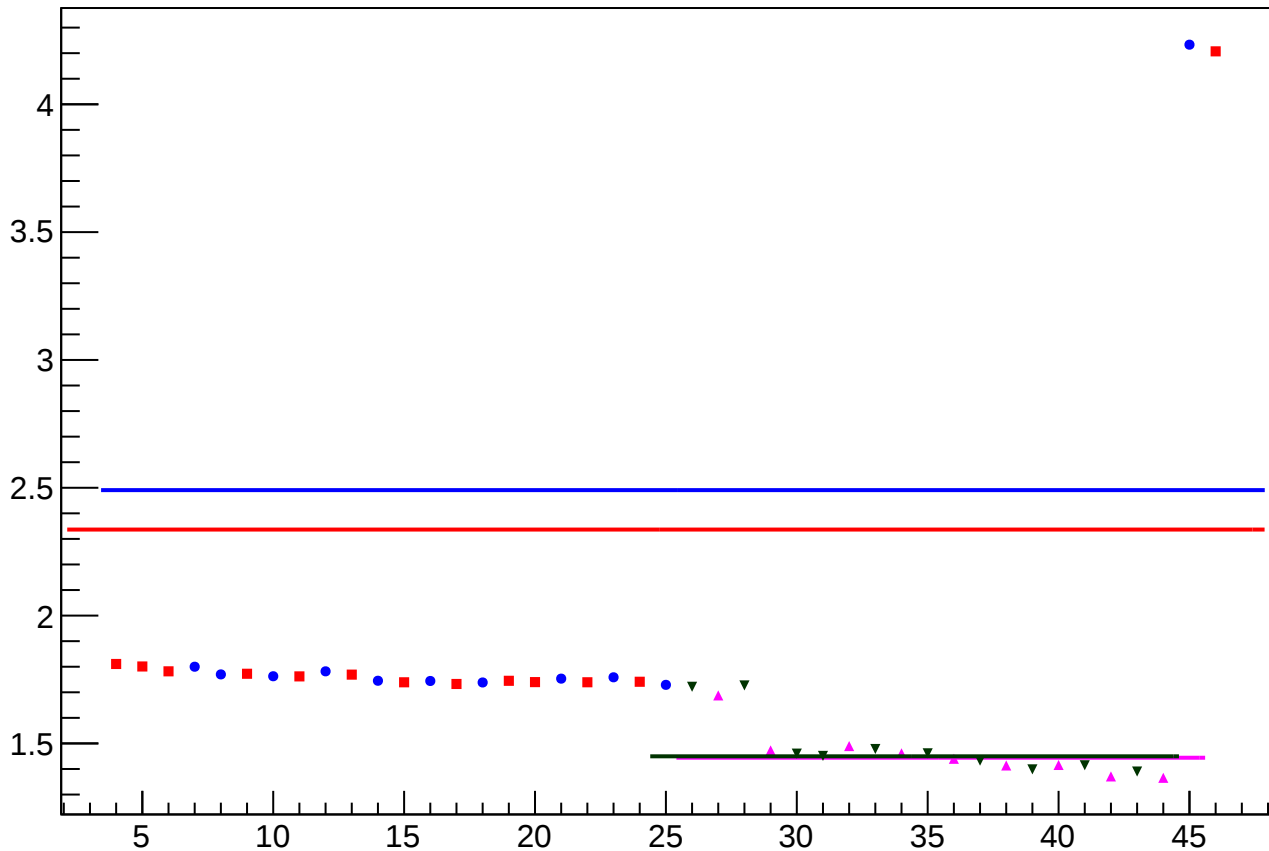
Right Out: 0.008+/-0.000 χ^2/NDF : 18402.4/12

Left In: 0.007+/-0.000 χ^2/NDF : 18945.2/8

0.008+/-0.000 χ^2/NDF : 188123.8/20

0.008+/-0.000 χ^2/NDF : 68703.2/21

yield_bpm1i04Y_mean vs slug



Right In: 2.491+/-0.000 χ^2/NDF : 187722467669.8/10

Left Out: 1.450+/-0.000 χ^2/NDF : 719591225.9/9

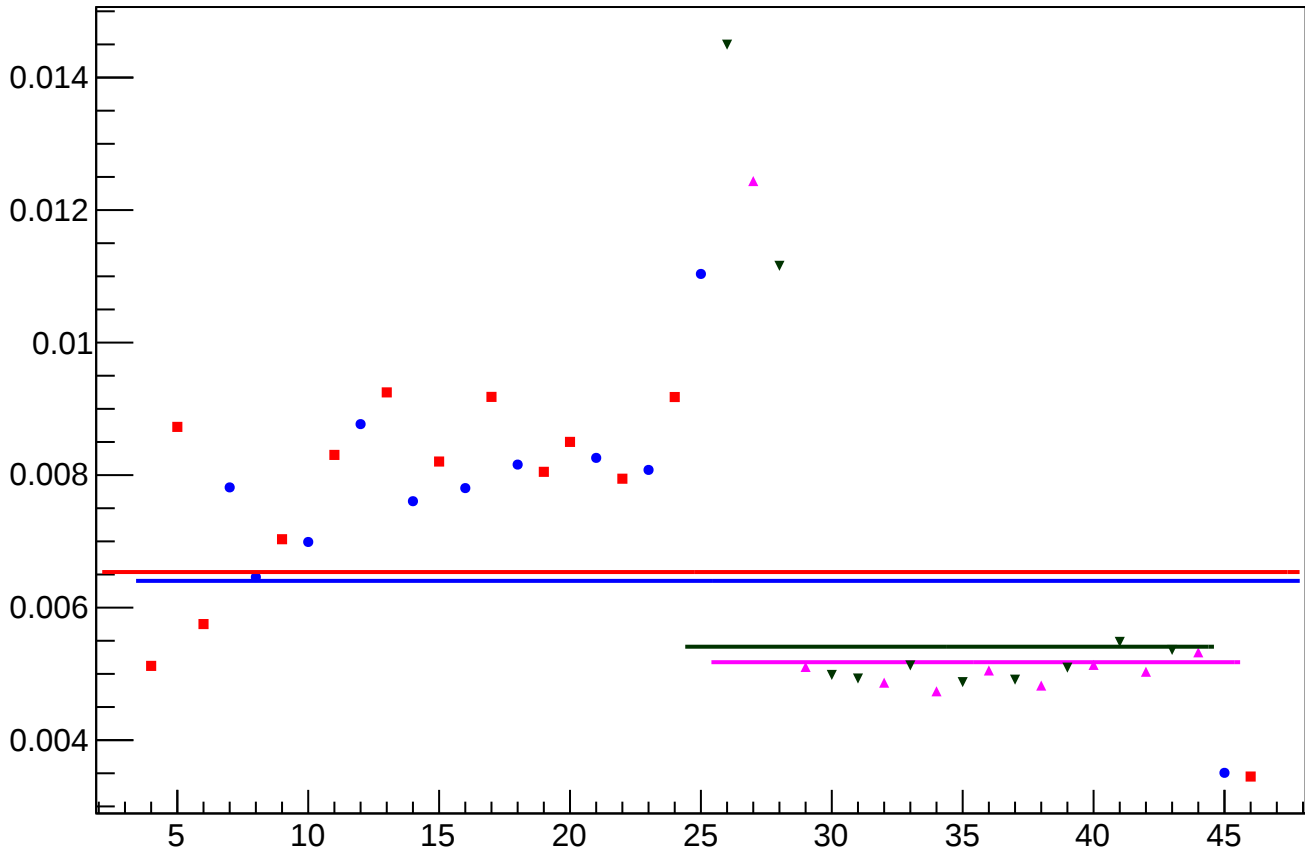
1.949+/-0.000 χ^2/NDF : 271386980473.4/20

Right Out: 2.337+/-0.000 χ^2/NDF : 146040626554.5/12

1.820+/-0.000 χ^2/NDF : 209729862371.6/21

Left In: 1.444+/-0.000 χ^2/NDF : 633323170.8/8

yield_bpm1i04Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1190177.2/10

Left Out: 0.005+/-0.000 χ^2/NDF : 753040.6/9

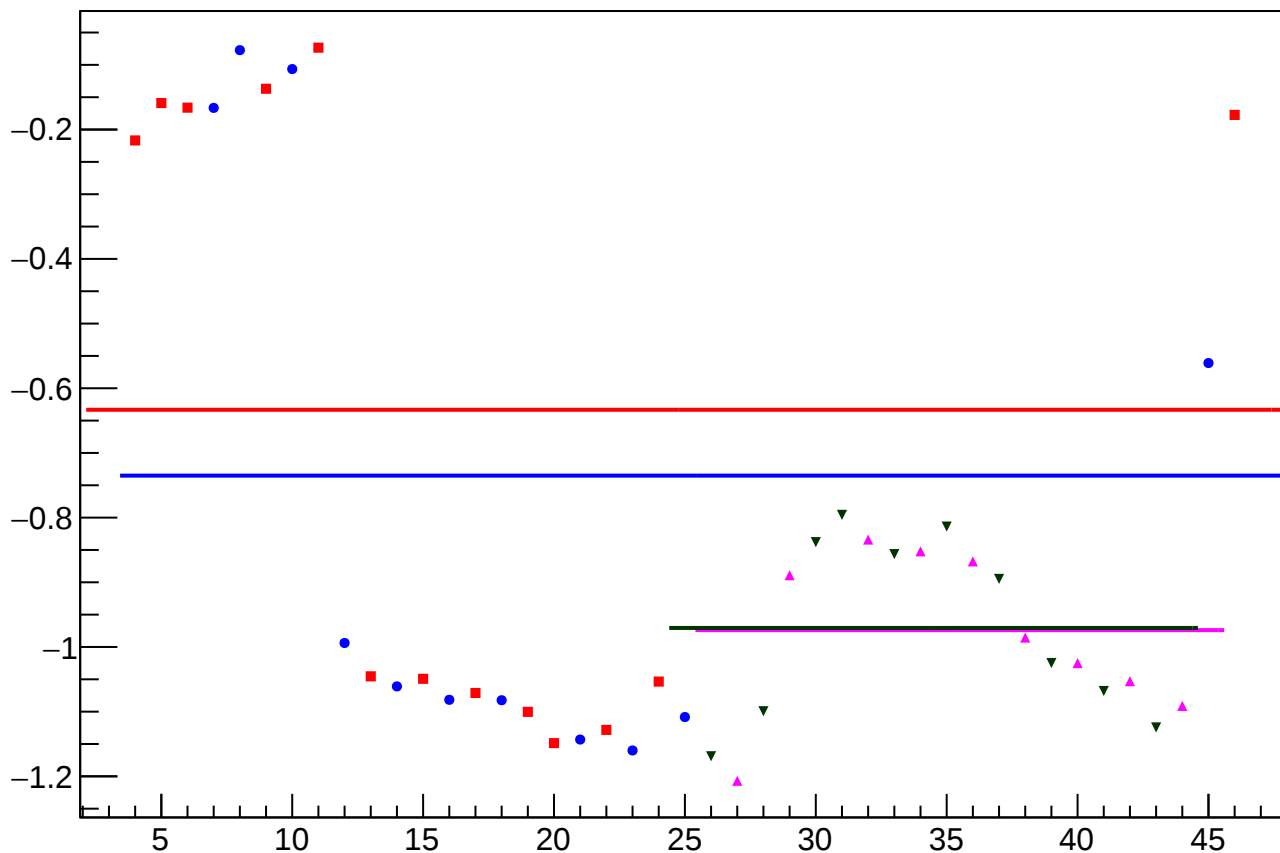
0.006+/-0.000 χ^2/NDF : 2094242.2/20

Right Out: 0.007+/-0.000 χ^2/NDF : 1231864.0/12

0.006+/-0.000 χ^2/NDF : 2039154.8/21

Left In: 0.005+/-0.000 χ^2/NDF : 514197.3/8

yield_bpm0l01X_mean vs slug



Right In: -0.735+/-0.000 χ^2/NDF : 17639360348.0/10

Left Out: -0.971+/-0.000 χ^2/NDF : 1156218036.6/9

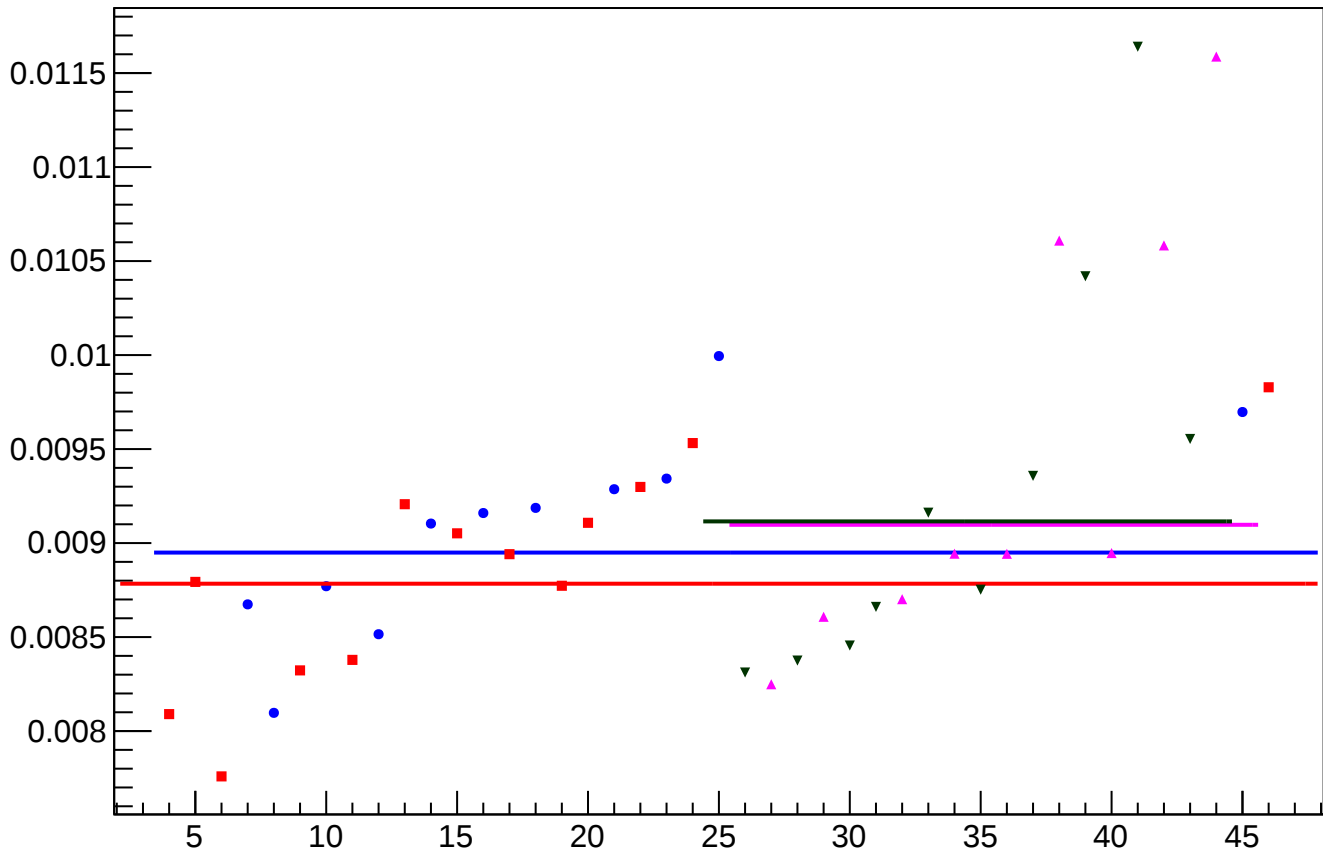
Right Out: -0.633+/-0.000 χ^2/NDF : 18884804706.2/12

Left In: -0.974+/-0.000 χ^2/NDF : 1225322966.4/8

-0.834+/-0.000 χ^2/NDF : 20790419906.6/20

-0.781+/-0.000 χ^2/NDF : 24468229838.0/21

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 41728.9/10

Left Out: 0.009+/-0.000 χ^2/NDF :104201.5/9

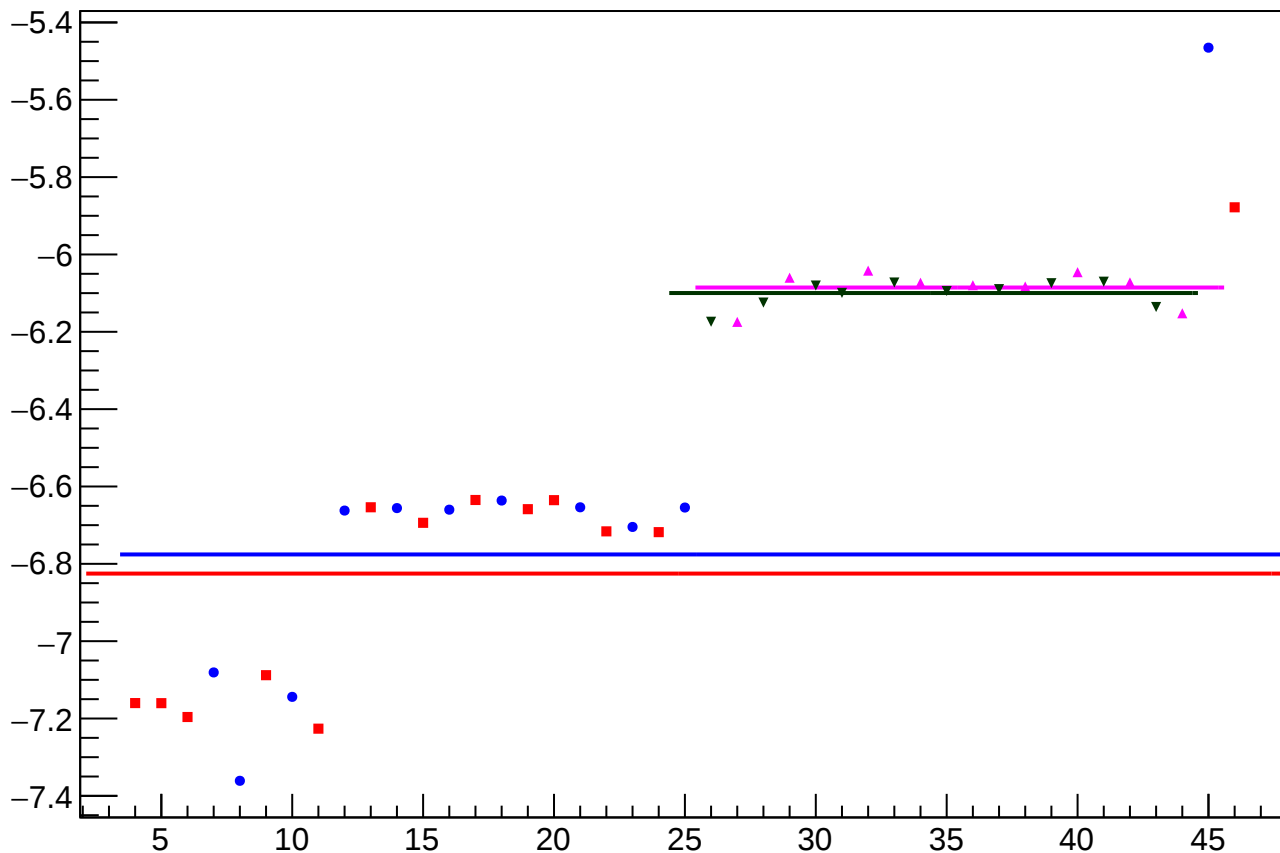
Right Out: 0.009+/-0.000 χ^2/NDF : 59509.7/12

Left In: 0.009+/-0.000 χ^2/NDF :115547.6/8

0.009+/-0.000 χ^2/NDF : 147908.8/20

0.009+/-0.000 χ^2/NDF : 182429.6/21

yield_bpm0l01Y_mean vs slug



Right In: -6.776+/-0.000 χ^2/NDF : 16500538604.4/10

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

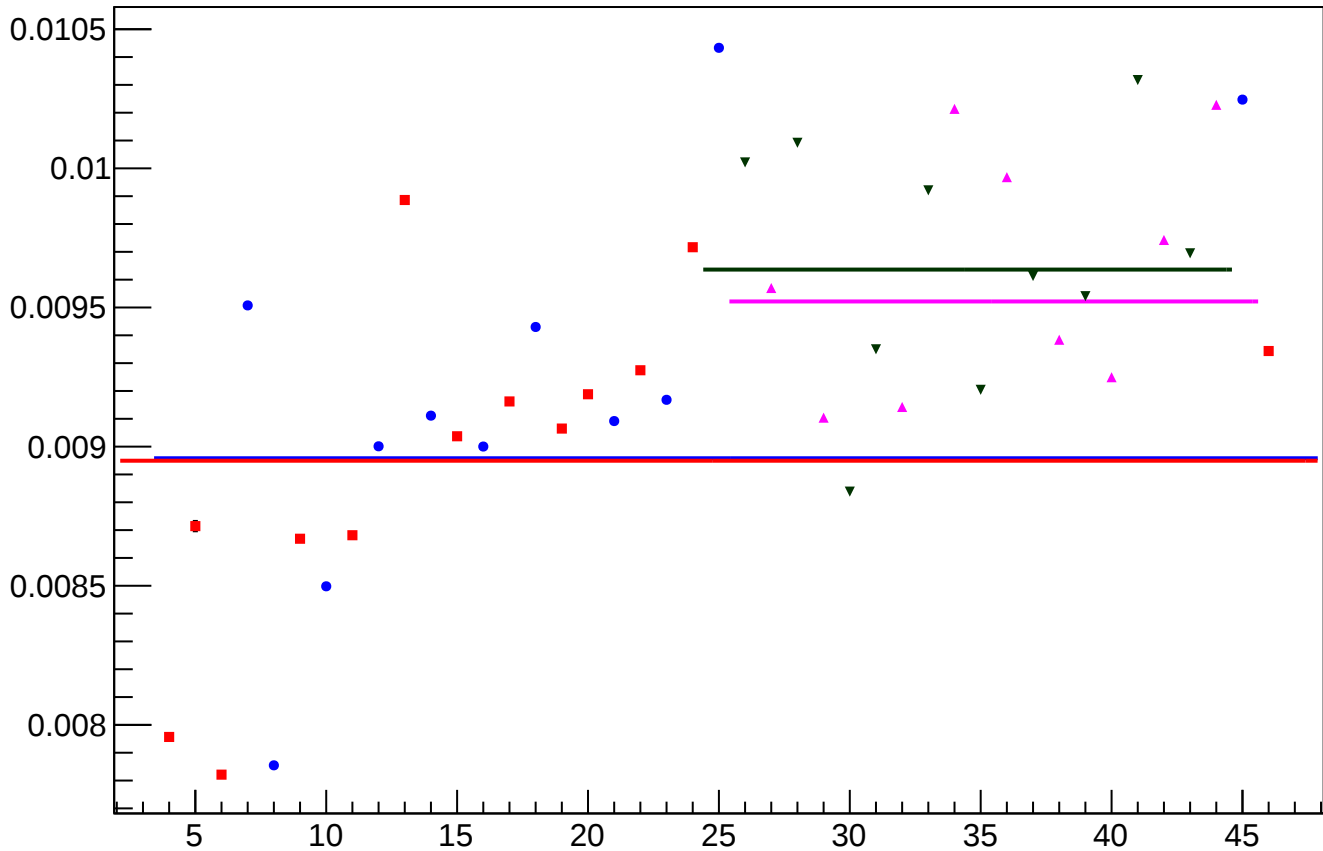
-6.509+/-0.000 χ^2/NDF : 31812548949.4/20

Right Out: -6.825+/-0.000 χ^2/NDF : 9981962764.9/12

-6.512+/-0.000 χ^2/NDF : 29139552001.1/21

Left In: -6.085+/-0.000 χ^2/NDF : 127997791.5/8

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 73061.5/10

Left Out: 0.010+/-0.000 χ^2/NDF :21331.0/9

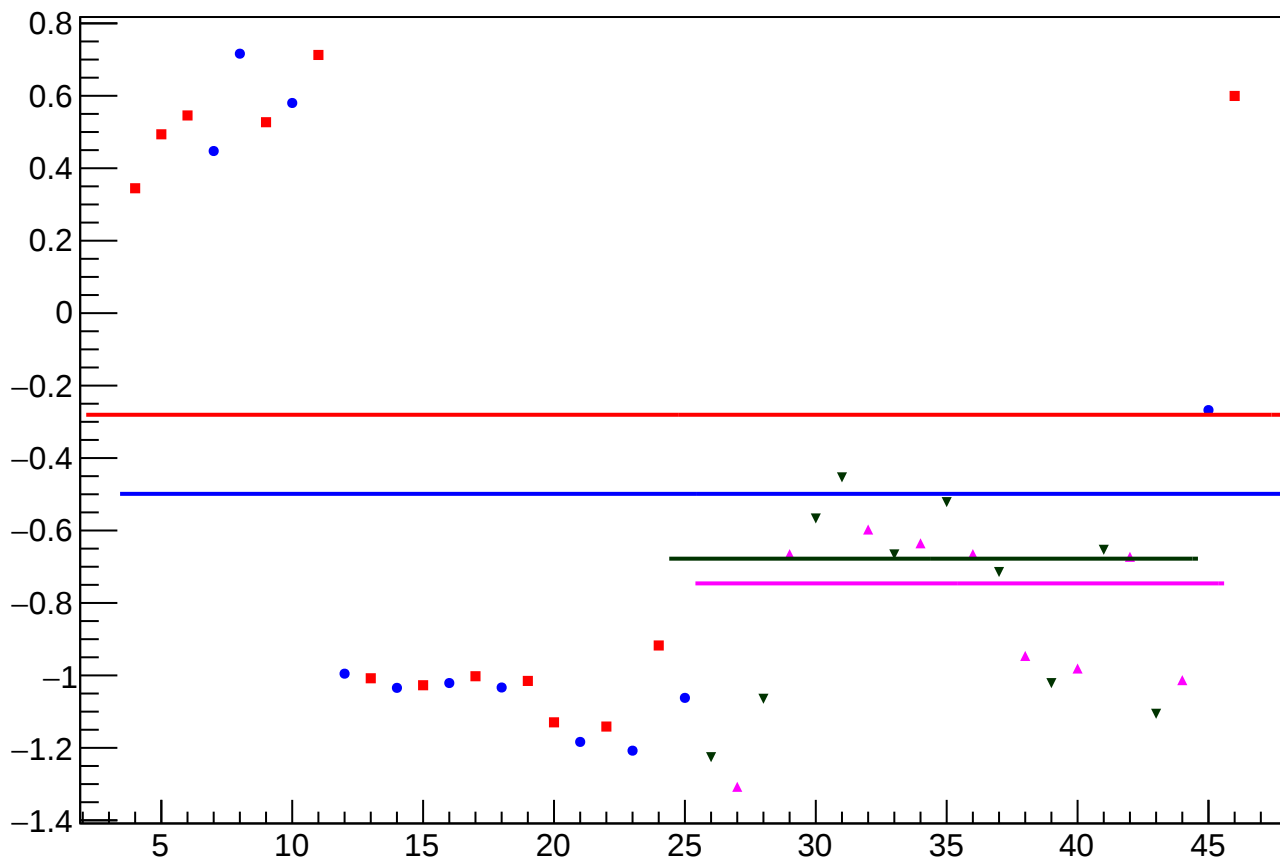
Right Out: 0.009+/-0.000 χ^2/NDF : 63027.3/12

Left In: 0.010+/-0.000 χ^2/NDF :19294.1/8

0.009+/-0.000 χ^2/NDF : 125099.1/20

0.009+/-0.000 χ^2/NDF : 105103.6/21

yield_bpm0l02X_mean vs slug



Right In: -0.499+/-0.000 χ^2/NDF : 9302811947.8/10

Left Out: -0.678+/-0.000 χ^2/NDF :1358570765.2/9

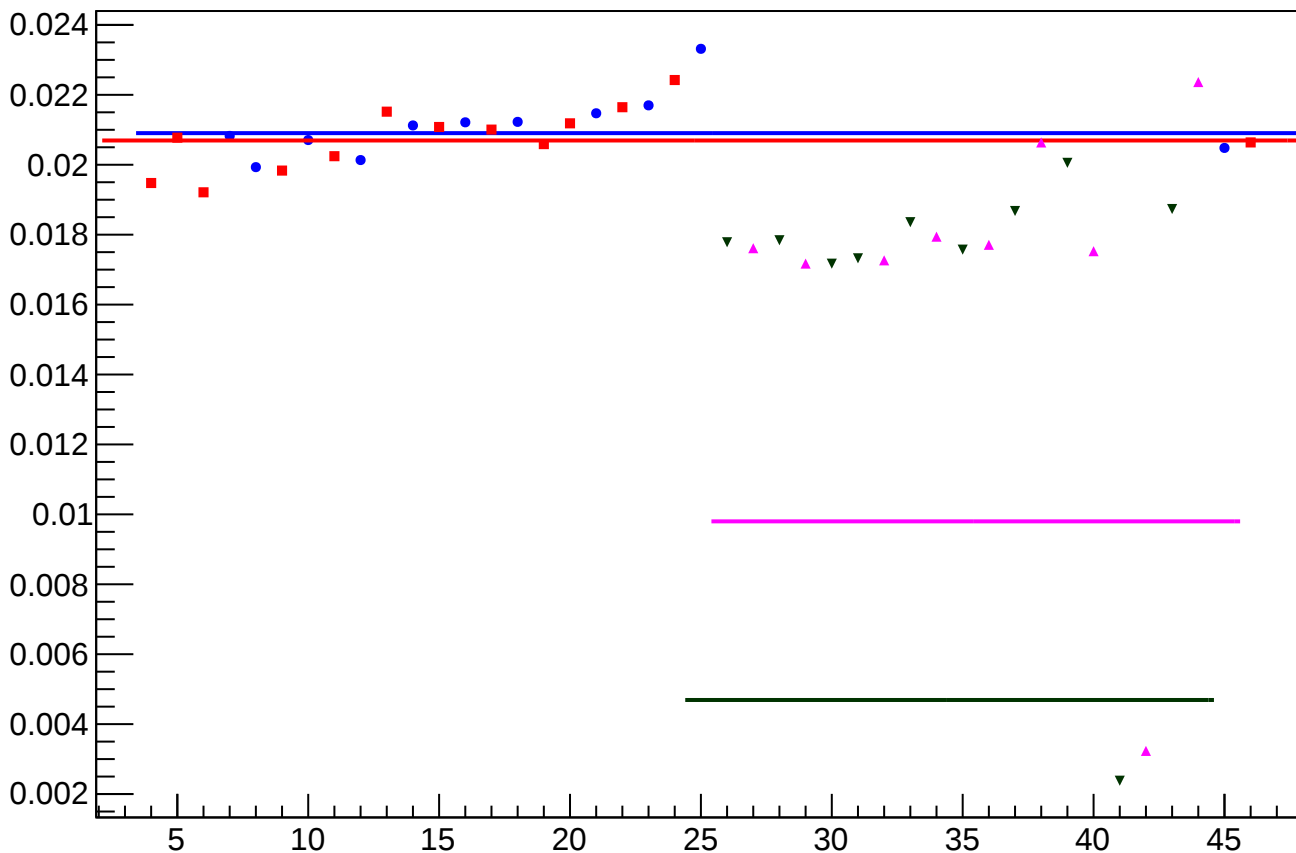
Right Out: -0.281+/-0.000 χ^2/NDF : 9964070383.2/12

Left In: -0.746+/-0.000 χ^2/NDF :1268707812.5/8

-0.652+/-0.000 χ^2/NDF : 11097387155.9/20

-0.601+/-0.000 χ^2/NDF : 13577407609.8/21

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 15117.6/10

Left Out: 0.005+/-0.000 χ^2/NDF : 5998219.6/9

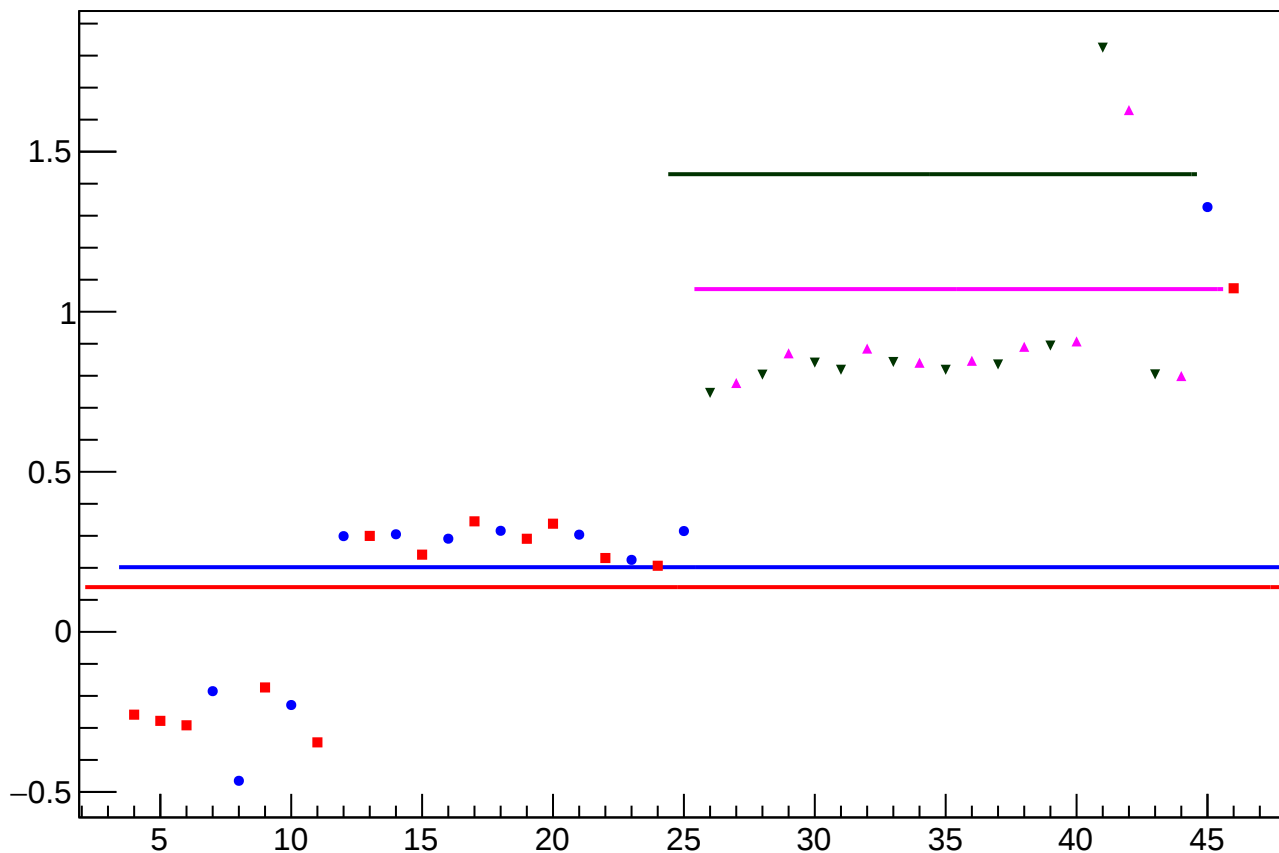
Right Out: 0.021+/-0.000 χ^2/NDF : 25542.0/12

Left In: 0.010+/-0.000 χ^2/NDF : 3818425.7/8

0.007+/-0.000 χ^2/NDF : 13173799.4/20

0.013+/-0.000 χ^2/NDF : 6412725.9/21

yield_bpm0l02Y_mean vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 8376699089.5/10

Left Out: 1.430 $\pm$ 0.000 χ^2 /NDF: 20131817794.8/9

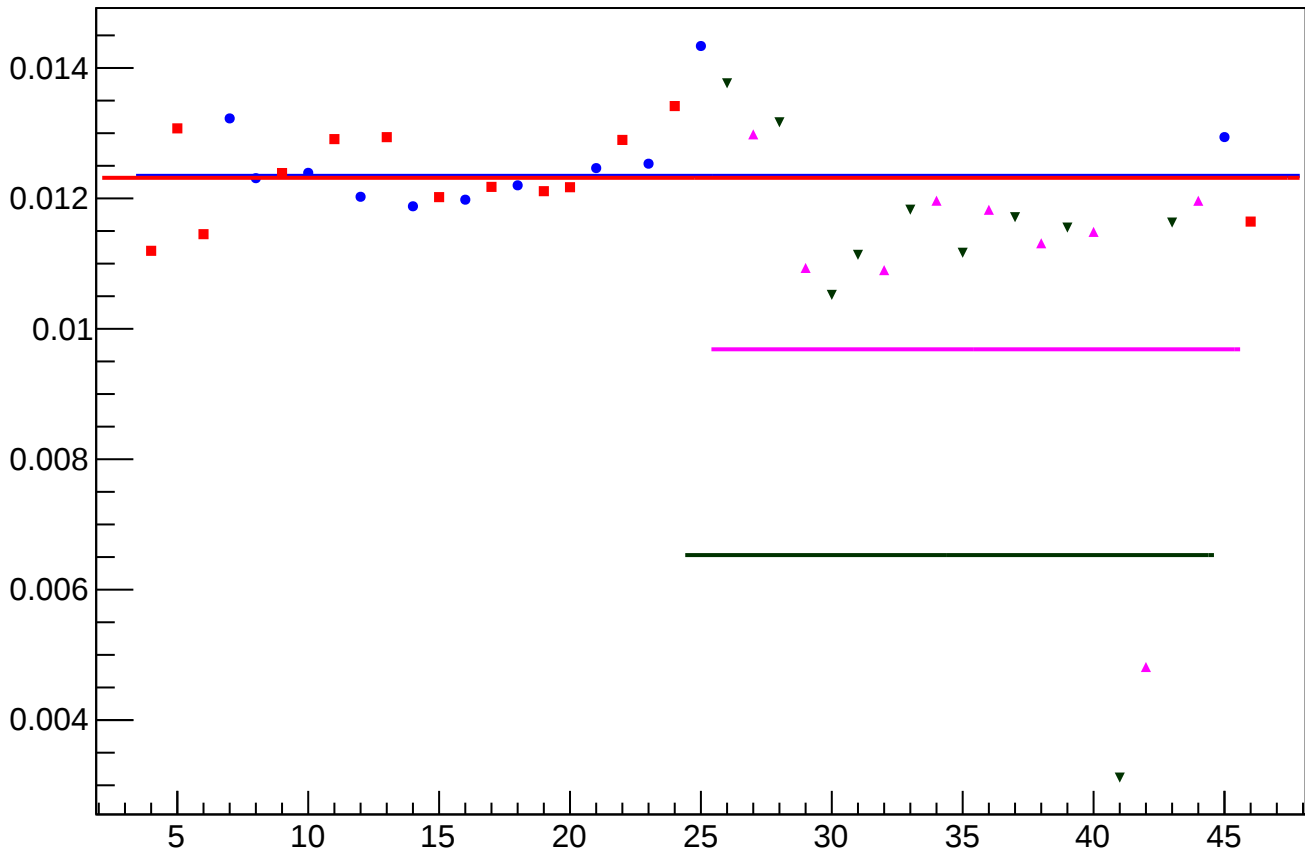
Right Out: 0.140 $\pm$ 0.000 χ^2 /NDF: 6363969070.1/12

Left In: 1.071 $\pm$ 0.000 χ^2 /NDF: 6285541515.9/8

1.003 $\pm$ 0.000 χ^2 /NDF: 72746054519.4/20

0.644 $\pm$ 0.000 χ^2 /NDF: 33153657257.5/21

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 19930.6/10

Left Out: 0.007+/-0.000 χ^2/NDF :3050338.6/9

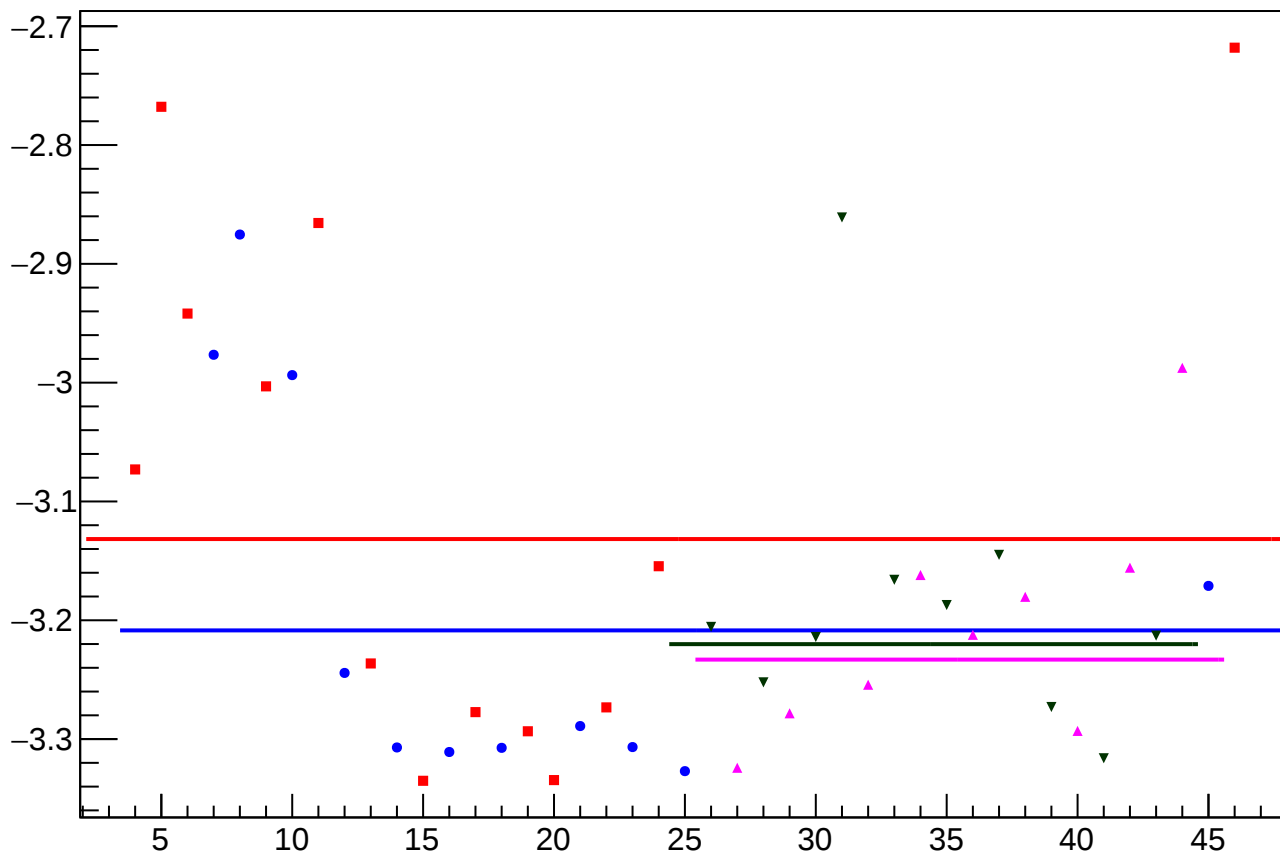
Right Out: 0.012+/-0.000 χ^2/NDF : 35076.5/12

Left In: 0.010+/-0.000 χ^2/NDF :979026.7/8

0.009+/-0.000 χ^2/NDF : 5056220.6/20

0.011+/-0.000 χ^2/NDF : 1341395.6/21

yield_bpm0l03X_mean vs slug



Right In: -3.209+/-0.000 χ^2/NDF : 2244196429.1/10

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

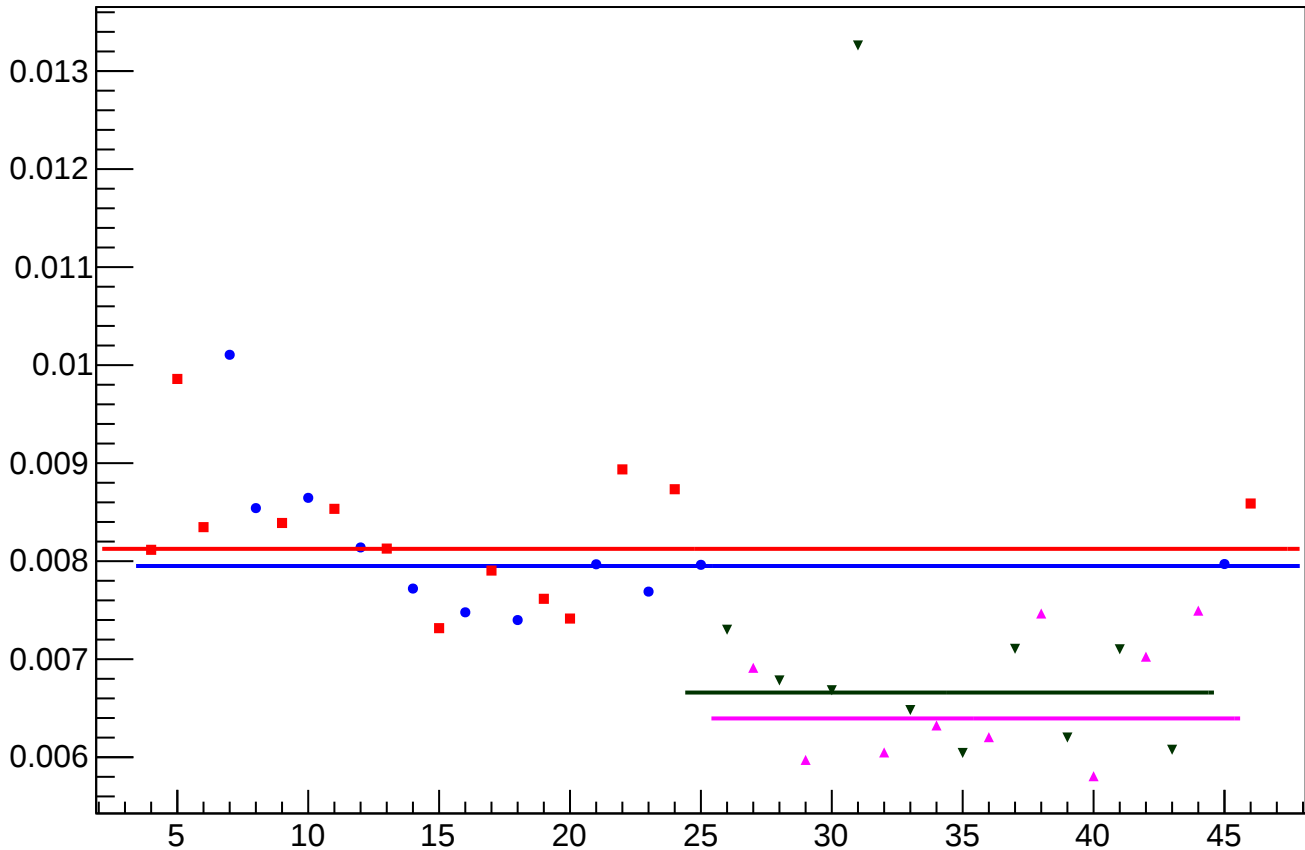
Right Out: -3.132+/-0.000 χ^2/NDF : 3169768981.9/12

Left In: -3.233+/-0.000 χ^2/NDF : 784509895.8/8

-3.214+/-0.000 χ^2/NDF : 2679019644.6/20

-3.191+/-0.000 χ^2/NDF : 4464269199.6/21

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 42387.1/10

Left Out: 0.007+/-0.000 χ^2/NDF : 169219.9/9

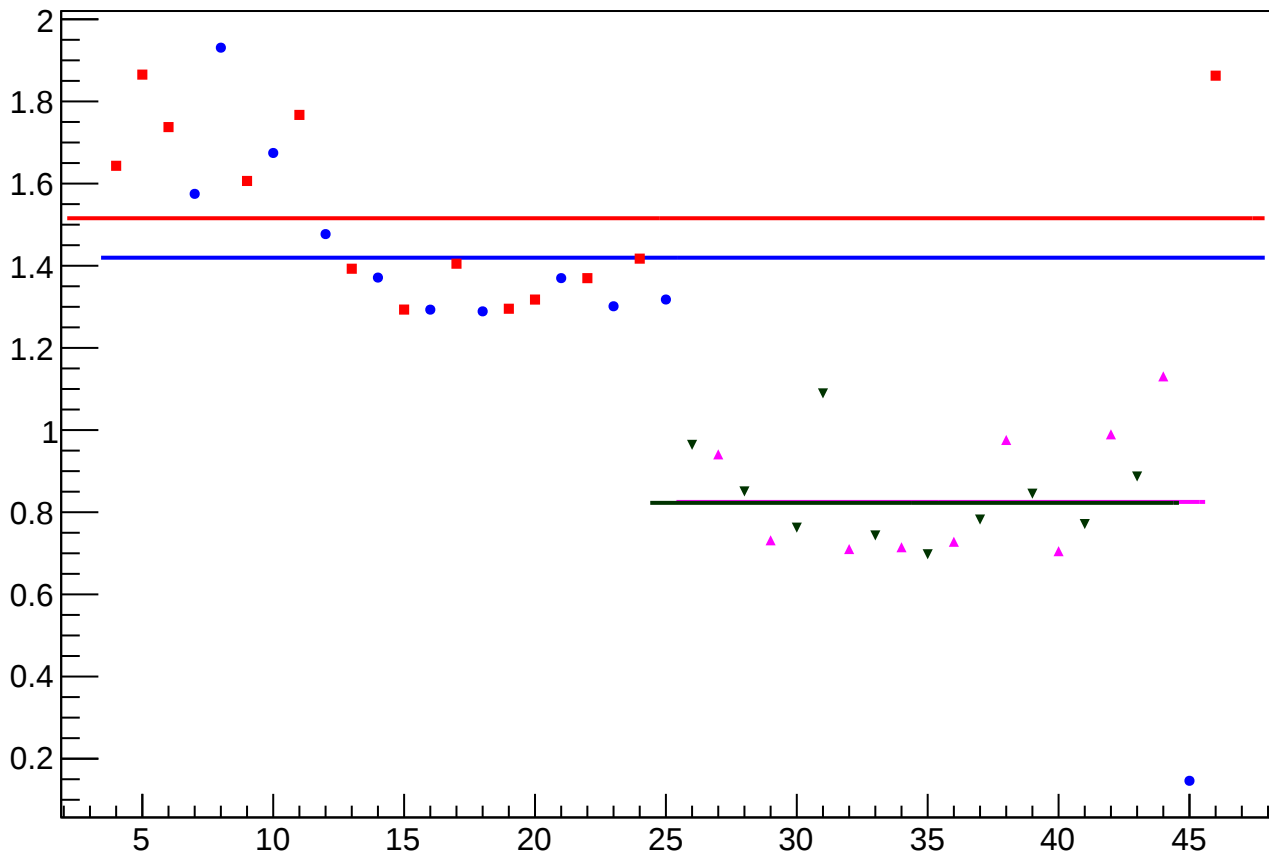
Right Out: 0.008+/-0.000 χ^2/NDF : 44009.7/12

Left In: 0.006+/-0.000 χ^2/NDF : 72293.2/8

0.007+/-0.000 χ^2/NDF : 373744.1/20

0.007+/-0.000 χ^2/NDF : 412872.4/21

yield_bpm0l03Y_mean vs slug



Right In: 1.420 $\pm$ 0.000 χ^2 /NDF: 14138472031.1/10

Left Out: 0.823 $\pm$ 0.000 χ^2 /NDF:373202951.2/9

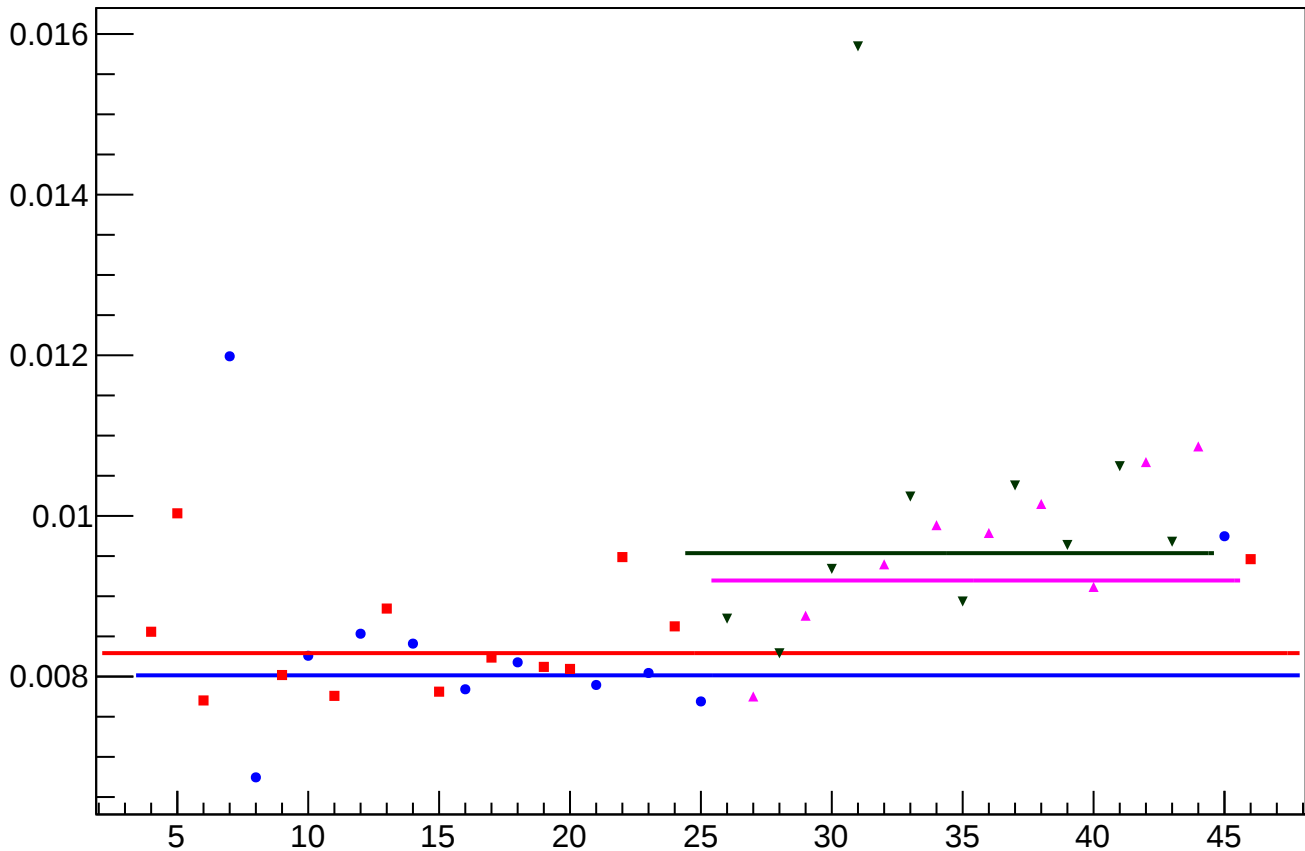
1.215 $\pm$ 0.000 χ^2 /NDF: 25764707201.9/20

Right Out: 1.516 $\pm$ 0.000 χ^2 /NDF: 2970982313.1/12

1.228 $\pm$ 0.000 χ^2 /NDF: 19929742498.6/21

Left In: 0.825 $\pm$ 0.000 χ^2 /NDF:1054829783.2/8

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 125262.1/10

Left Out: 0.010+/-0.000 χ^2/NDF :144258.2/9

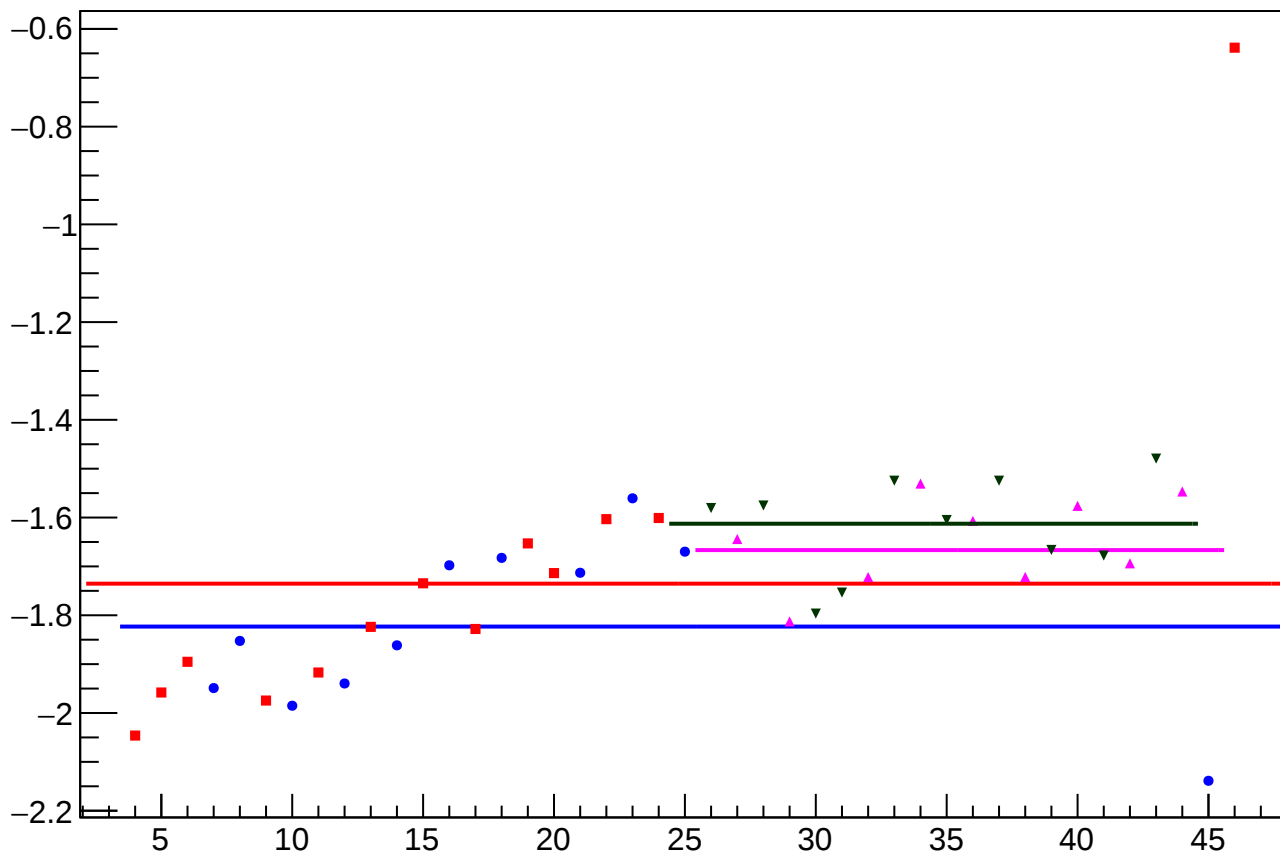
Right Out: 0.008+/-0.000 χ^2/NDF : 51043.5/12

Left In: 0.009+/-0.000 χ^2/NDF :103784.9/8

0.009+/-0.000 χ^2/NDF : 415760.6/20

0.009+/-0.000 χ^2/NDF : 209363.8/21

yield_bpm0l04X_mean vs slug



Right In: -1.823 ± 0.000 χ^2/NDF : 1325528136.4/10

Left Out: -1.613 ± 0.000 χ^2/NDF : 327148879.4/9

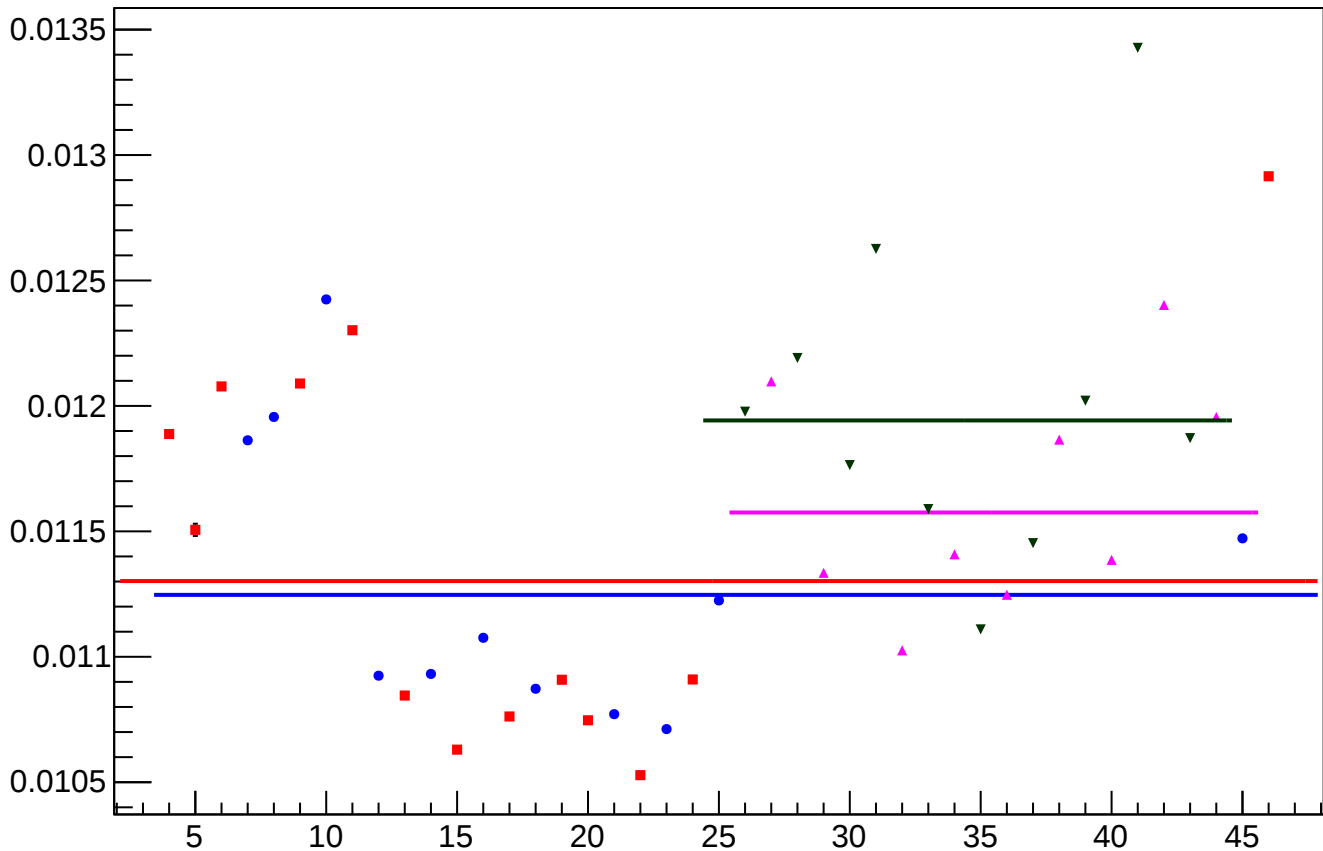
Right Out: -1.735 ± 0.000 χ^2/NDF : 4595474368.4/12

Left In: -1.667 ± 0.000 χ^2/NDF : 344212253.5/8

-1.739 ± 0.000 χ^2/NDF : 2626618912.3/20

-1.705 ± 0.000 χ^2/NDF : 5049460945.8/21

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 32704.6/10

Left Out: 0.012+/-0.000 χ^2/NDF :25348.0/9

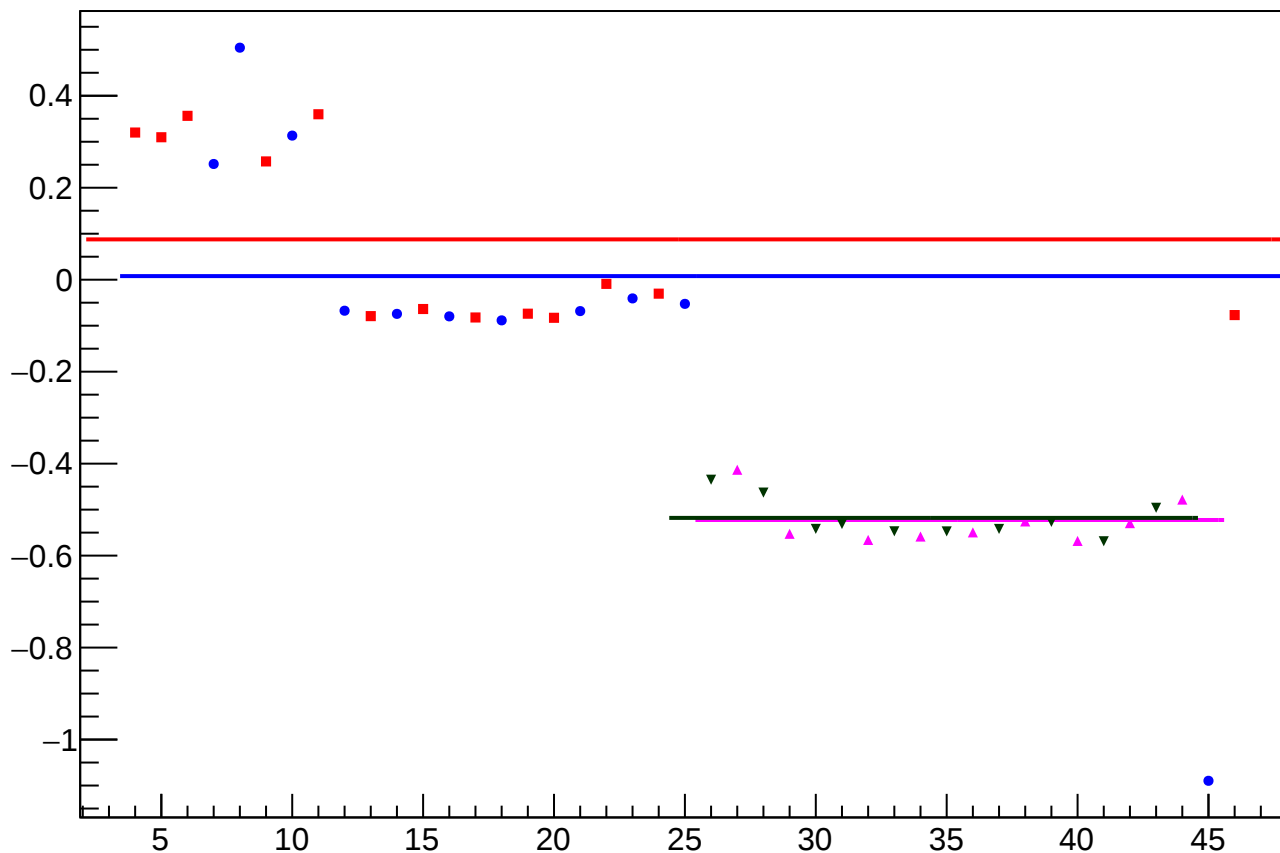
Right Out: 0.011+/-0.000 χ^2/NDF : 56971.4/12

Left In: 0.012+/-0.000 χ^2/NDF :15888.6/8

0.012+/-0.000 χ^2/NDF : 79304.5/20

0.011+/-0.000 χ^2/NDF : 76336.5/21

yield_bpm0l04Y_mean vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 17980853923.9/10

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

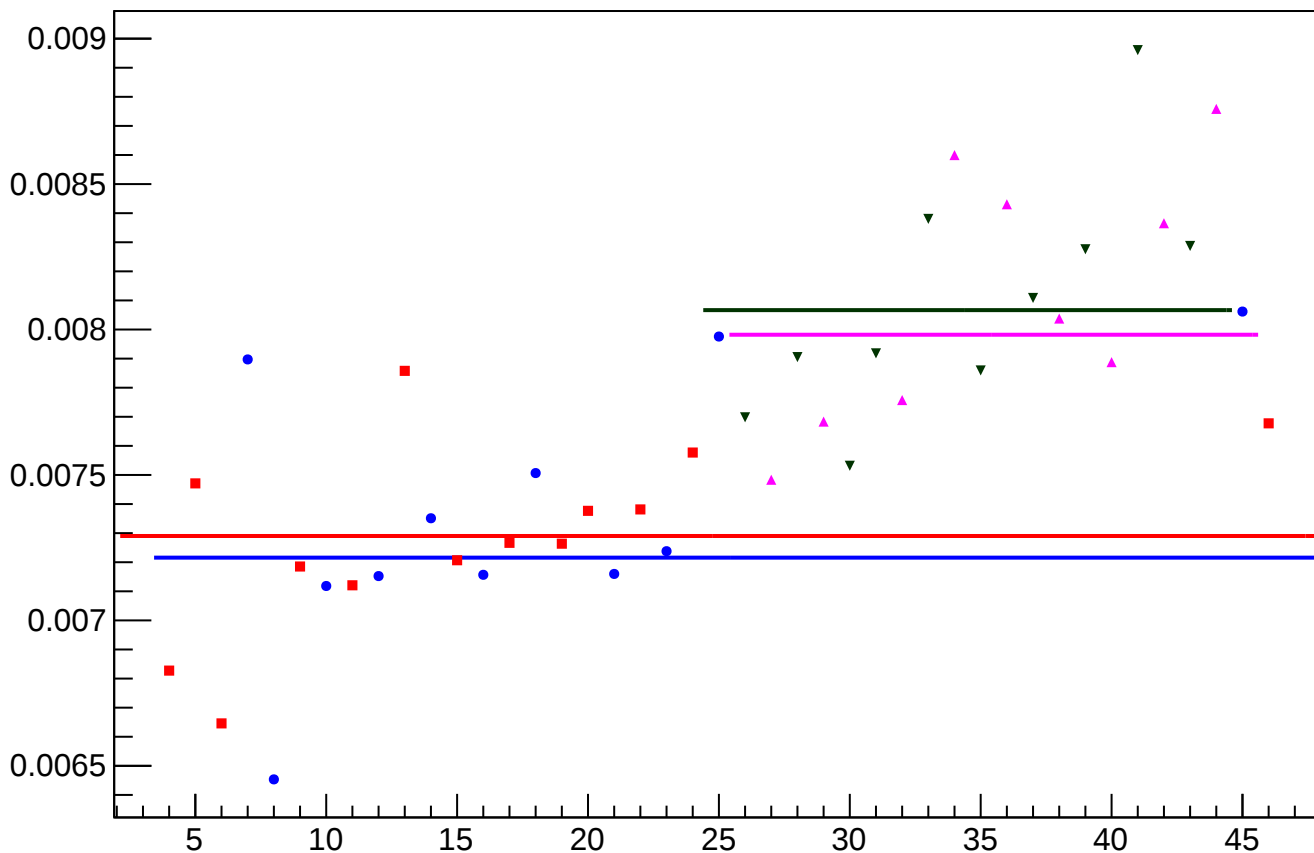
Right Out: 0.088+/-0.000 χ^2/NDF : 4476242439.3/12

Left In: -0.523+/-0.000 χ^2/NDF : 258155612.5/8

-0.189+/-0.000 χ^2/NDF : 31740977001.9/20

-0.162+/-0.000 χ^2/NDF : 23696808936.5/21

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 48552.1/10

Left Out: 0.008+/-0.000 χ^2/NDF : 23022.1/9

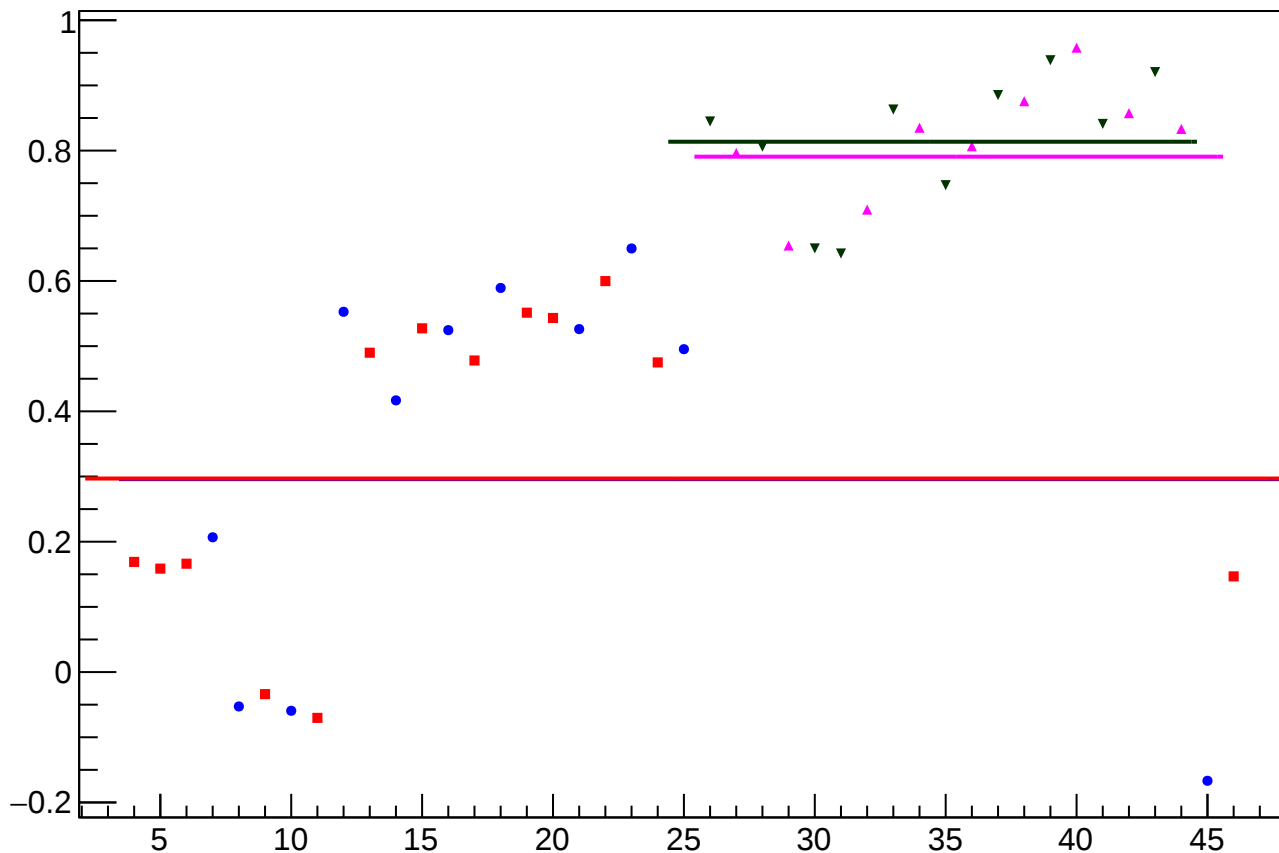
Right Out: 0.007+/-0.000 χ^2/NDF : 28094.2/12

Left In: 0.008+/-0.000 χ^2/NDF : 29355.6/8

0.008+/-0.000 χ^2/NDF : 142956.7/20

0.008+/-0.000 χ^2/NDF : 106208.4/21

yield_bpm0l05X_mean vs slug



Right In: 0.296+/-0.000 χ^2/NDF : 12680437178.2/10

Left Out: 0.814+/-0.000 χ^2/NDF : 993349923.9/9

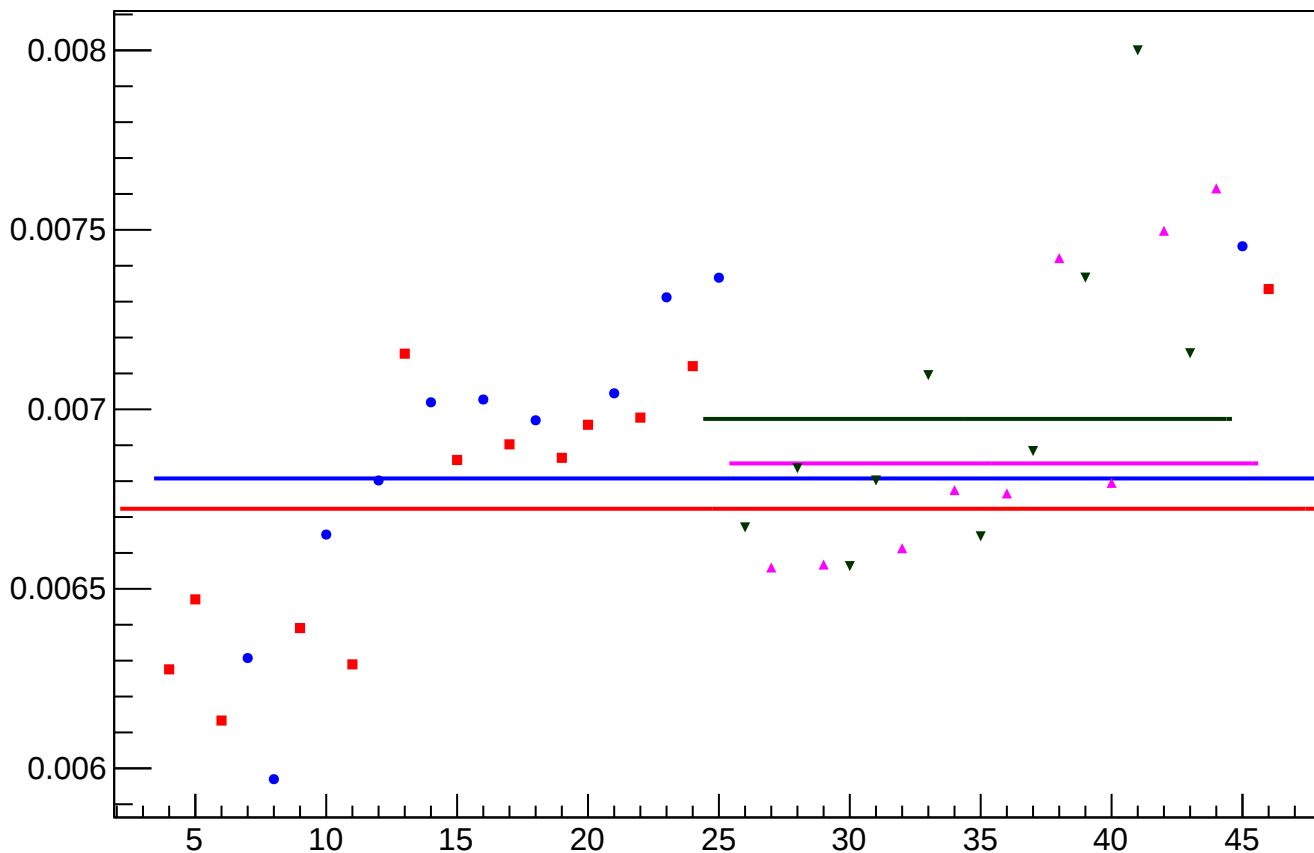
0.513+/-0.000 χ^2/NDF : 30359745434.7/20

Right Out: 0.297+/-0.000 χ^2/NDF : 8813450065.7/12

0.516+/-0.000 χ^2/NDF : 25761620968.8/21

Left In: 0.791+/-0.000 χ^2/NDF : 932399689.3/8

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 60444.5/10

Left Out: 0.007+/-0.000 χ^2/NDF : 32912.7/9

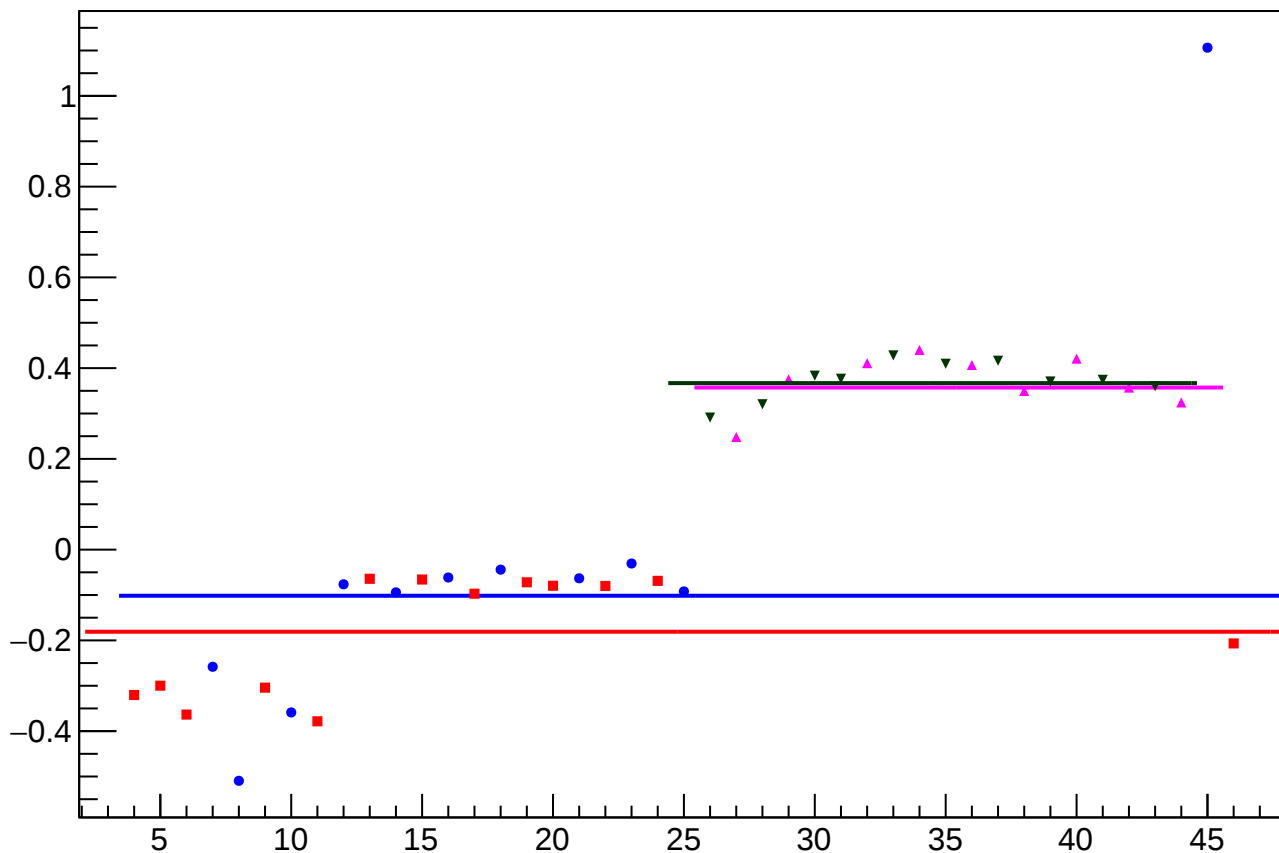
Right Out: 0.007+/-0.000 χ^2/NDF : 45266.0/12

Left In: 0.007+/-0.000 χ^2/NDF : 33164.0/8

0.007+/-0.000 χ^2/NDF : 96783.4/20

0.007+/-0.000 χ^2/NDF : 80527.1/21

yield_bpm0l05Y_mean vs slug



Right In: -0.102 ± 0.000 χ^2/NDF : 33656873832.7/10

Left Out: 0.367 ± 0.000 χ^2/NDF : 258003359.9/9

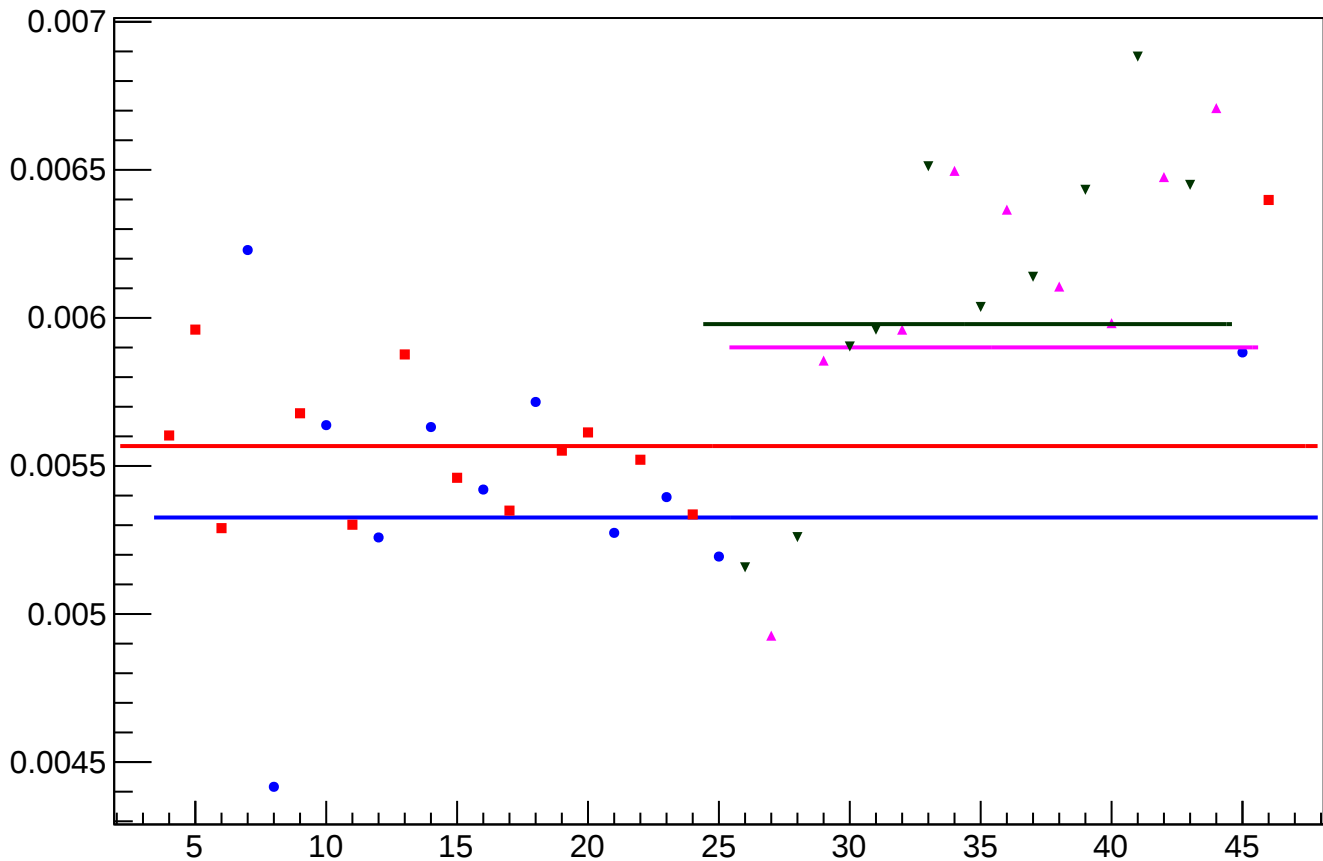
Right Out: -0.181 ± 0.000 χ^2/NDF : 3516974113.0/12

Left In: 0.357 ± 0.000 χ^2/NDF : 650314960.7/8

0.072 ± 0.000 χ^2/NDF : 53392037921.3/20

0.047 ± 0.000 χ^2/NDF : 30097755078.7/21

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 112441.1/10

Left Out: 0.006+/-0.000 χ^2/NDF : 84407.0/9

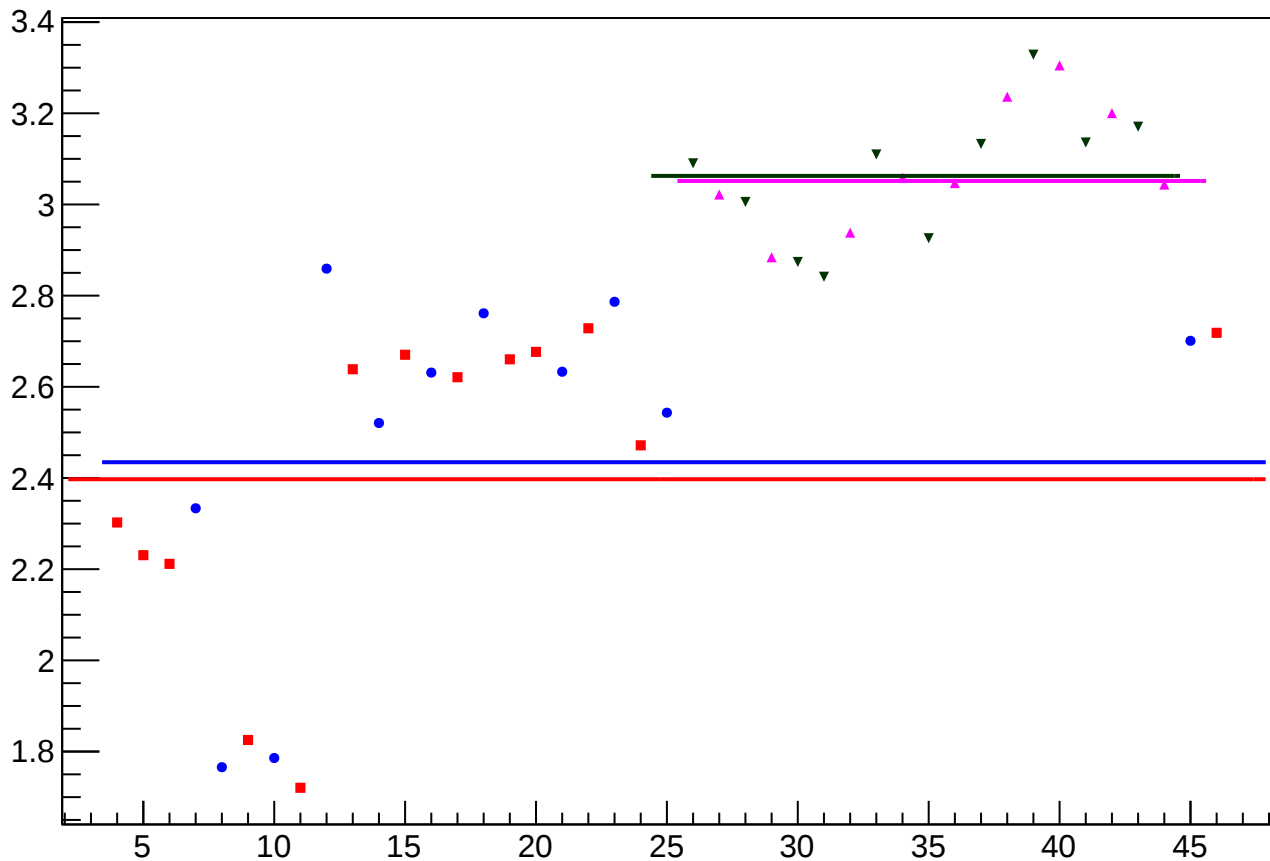
Right Out: 0.006+/-0.000 χ^2/NDF : 32994.1/12

Left In: 0.006+/-0.000 χ^2/NDF : 101099.8/8

0.006+/-0.000 χ^2/NDF : 272513.1/20

0.006+/-0.000 χ^2/NDF : 153980.4/21

yield_bpm0l06X_mean vs slug



Right In: 2.435 $\pm$ 0.000 χ^2 /NDF: 8627961998.3/10

Left Out: 3.063 $\pm$ 0.000 χ^2 /NDF:1107067165.5/9

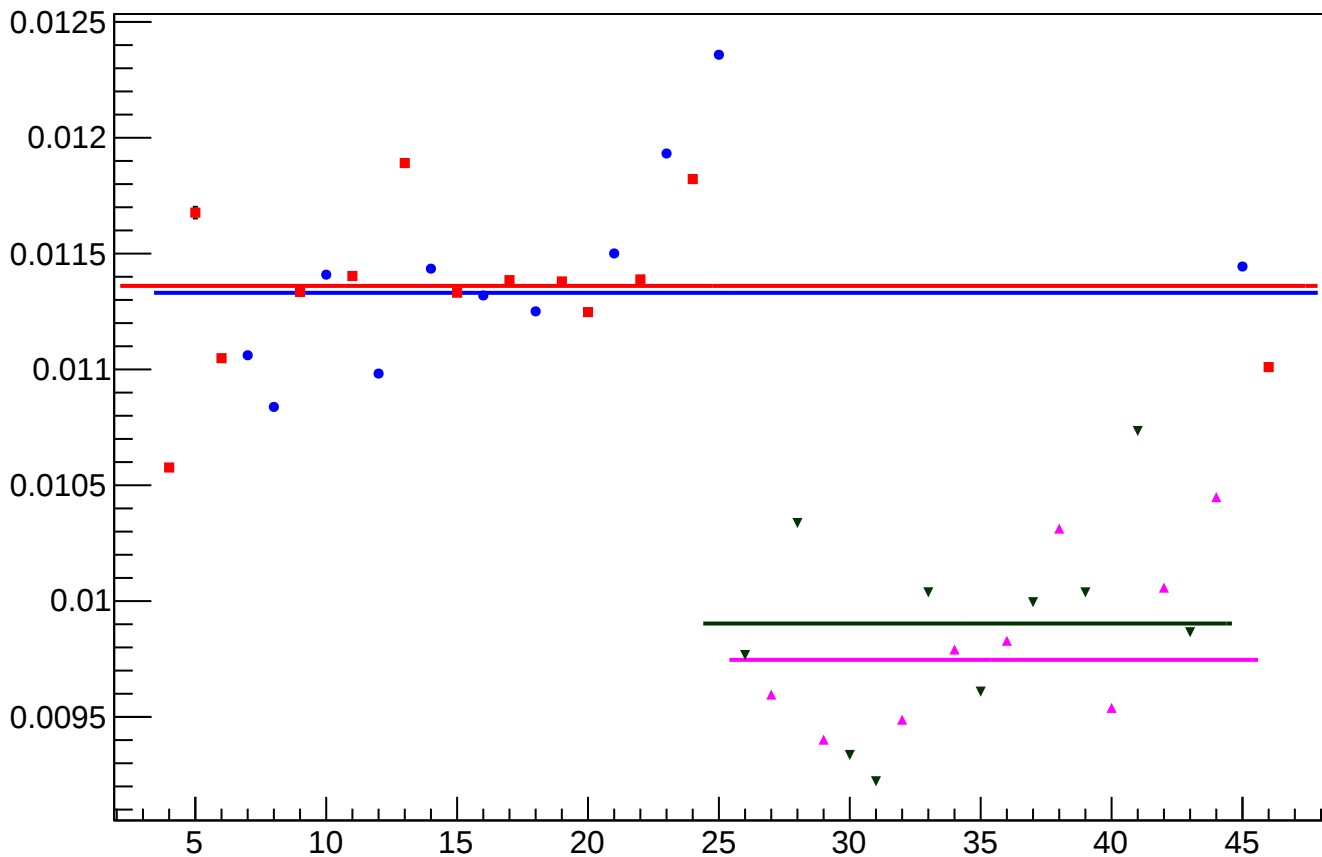
2.748 $\pm$ 0.000 χ^2 /NDF: 20319456817.9/20

Right Out: 2.397 $\pm$ 0.000 χ^2 /NDF: 6606888544.7/12

2.744 $\pm$ 0.000 χ^2 /NDF: 19371122978.8/21

Left In: 3.052 $\pm$ 0.000 χ^2 /NDF:1015989993.5/8

yield_bpm0l06X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 11790.5/10

Left Out: 0.010+/-0.000 χ^2/NDF :18813.8/9

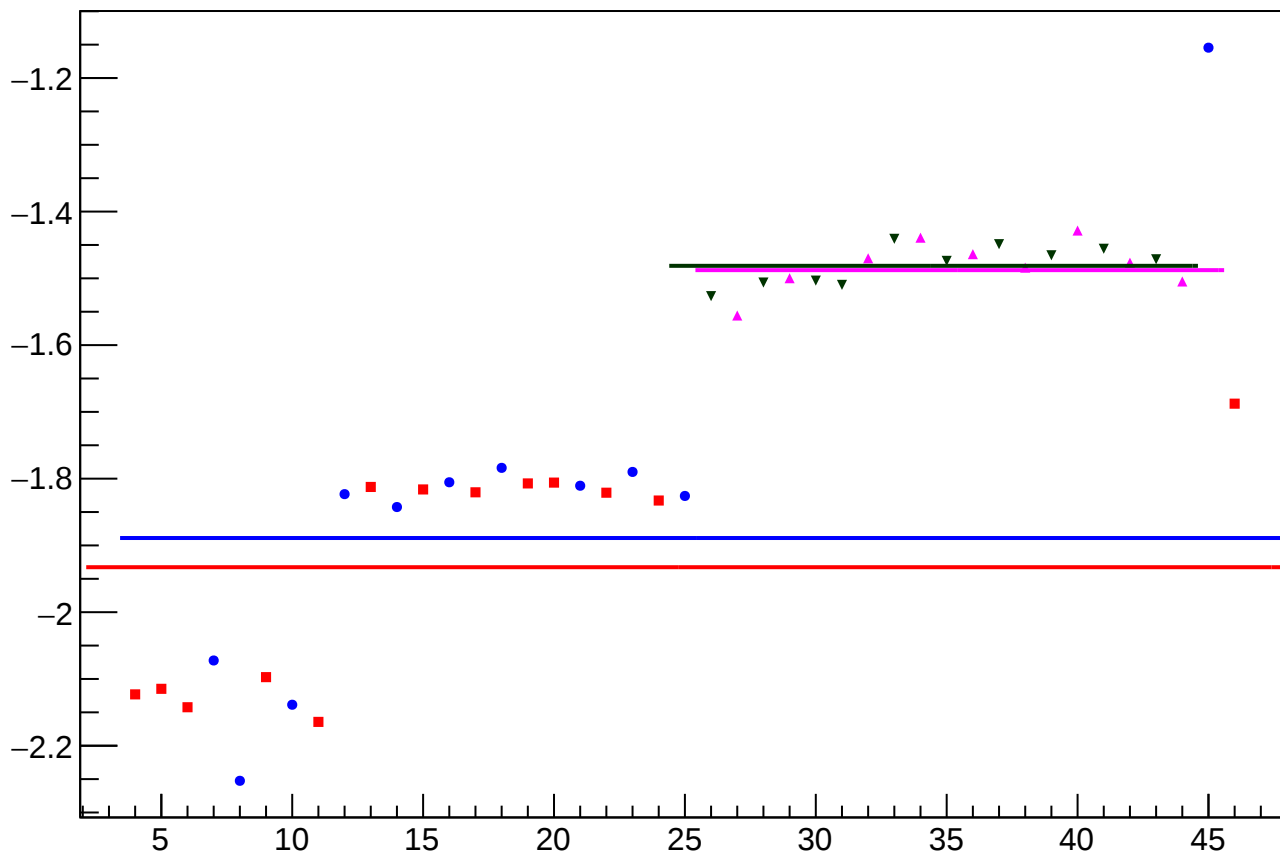
Right Out: 0.011+/-0.000 χ^2/NDF : 11588.0/12

Left In: 0.010+/-0.000 χ^2/NDF :13193.9/8

0.011+/-0.000 χ^2/NDF : 139978.5/20

0.011+/-0.000 χ^2/NDF : 167819.5/21

yield_bpm0l06Y_mean vs slug



Right In: -1.889+/-0.000 χ^2/NDF : 20568348618.9/10

Left Out: -1.481+/-0.000 χ^2/NDF :133314200.9/9

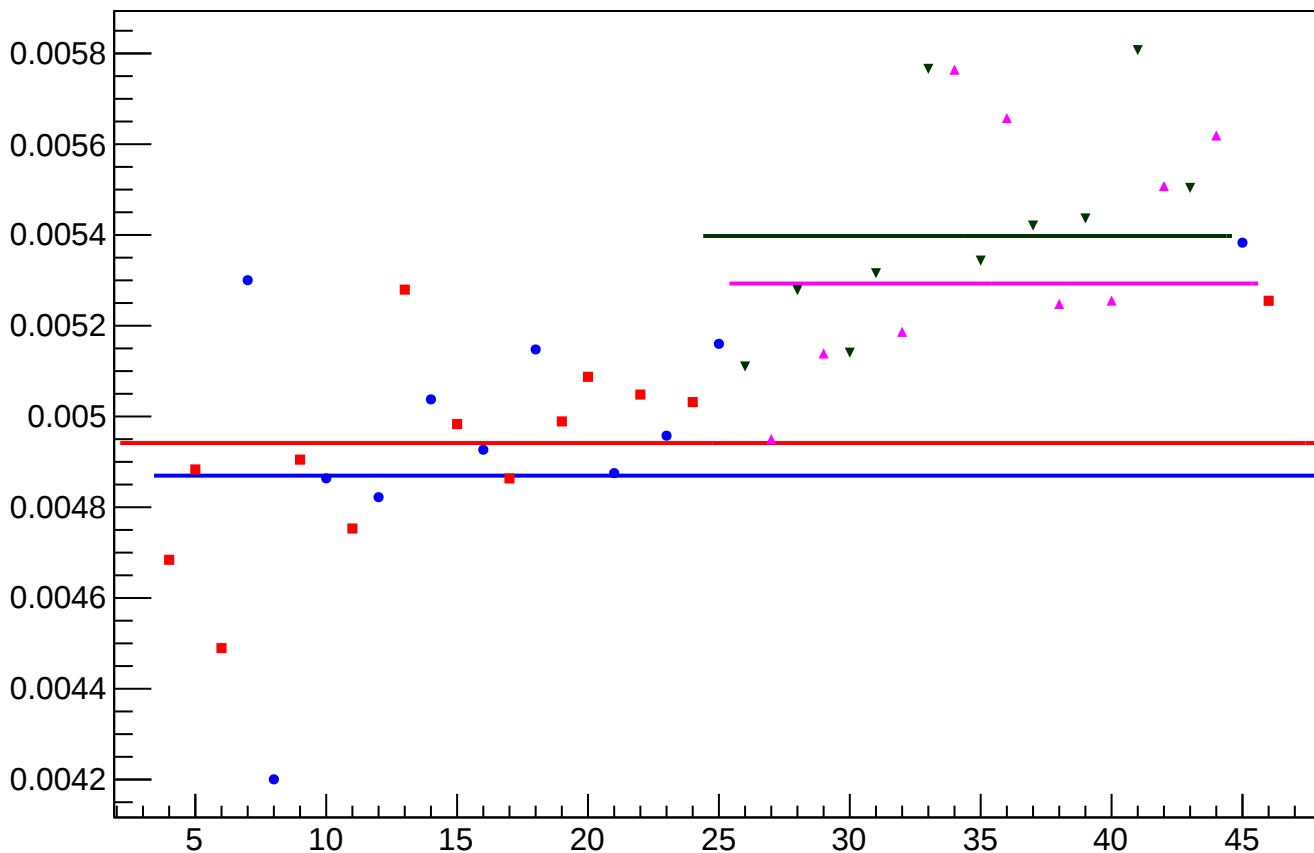
Right Out: -1.933+/-0.000 χ^2/NDF : 7306093514.9/12

Left In: -1.488+/-0.000 χ^2/NDF :281282296.5/8

-1.734+/-0.000 χ^2/NDF : 38877229219.0/20

-1.746+/-0.000 χ^2/NDF : 30129933960.5/21

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 66374.9/10

Left Out: 0.005+/-0.000 χ^2/NDF :16600.8/9

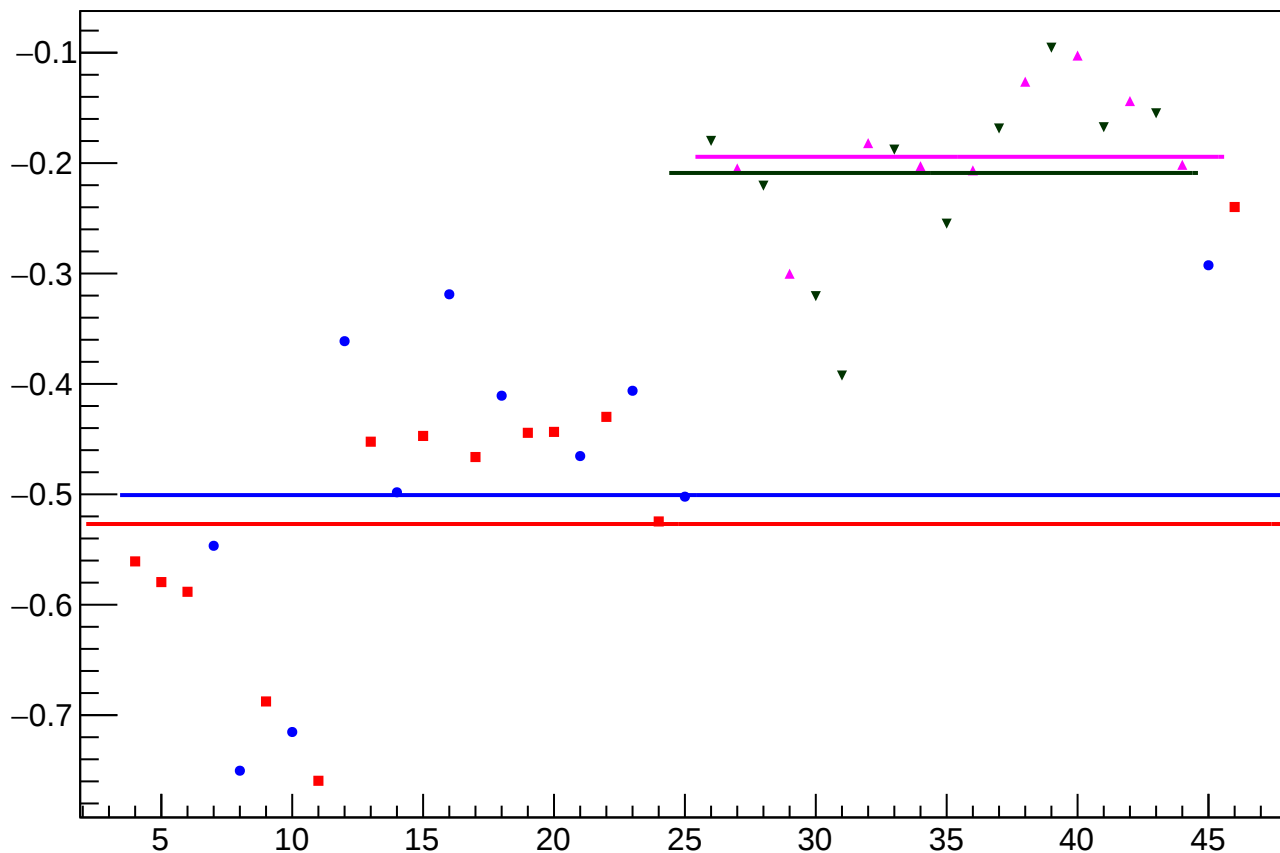
Right Out: 0.005+/-0.000 χ^2/NDF : 27533.0/12

Left In: 0.005+/-0.000 χ^2/NDF :25779.4/8

0.005+/-0.000 χ^2/NDF : 143964.6/20

0.005+/-0.000 χ^2/NDF : 81455.7/21

yield_bpm0l07X_mean vs slug



Right In: -0.501+/-0.000 χ^2/NDF : 569508837.9/10

Left Out: -0.209+/-0.000 χ^2/NDF : 145606796.2/9

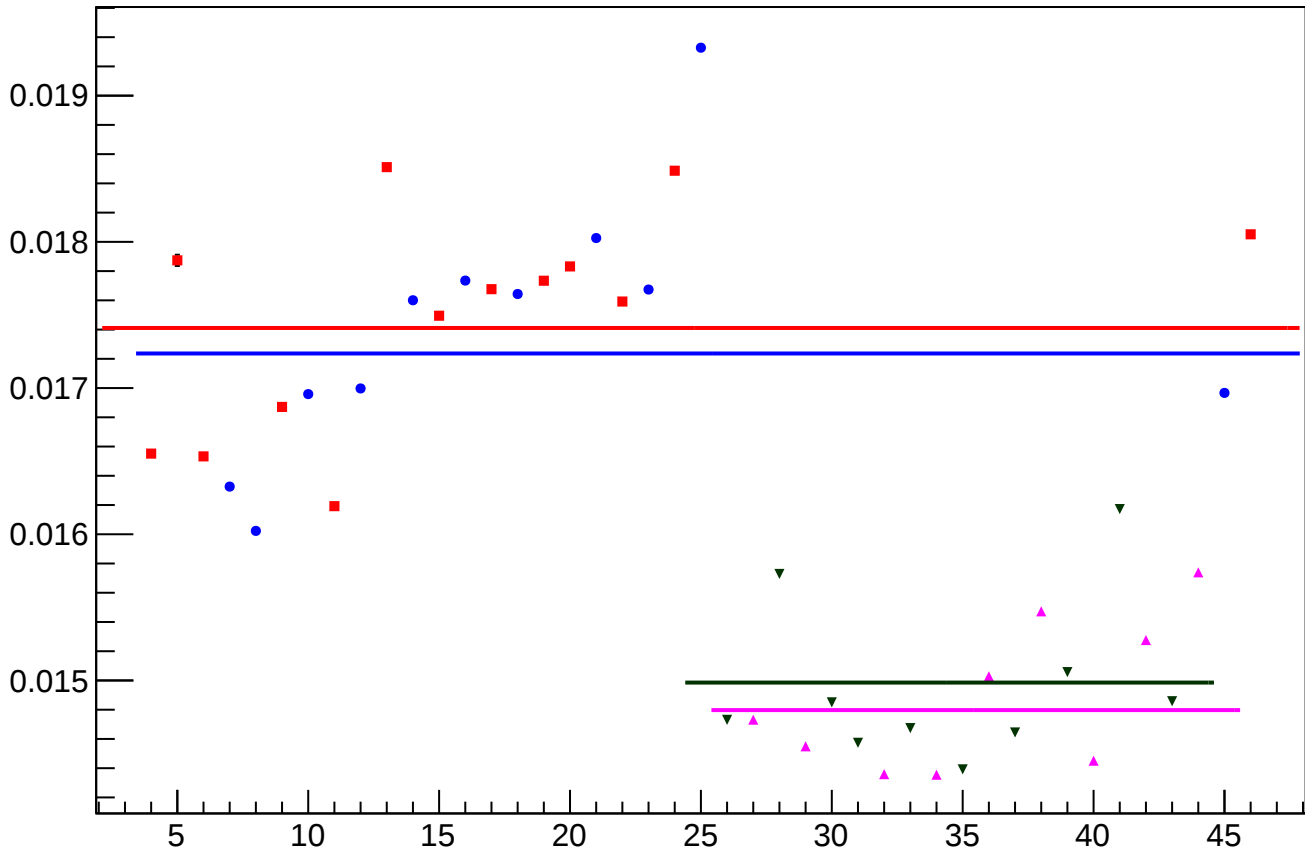
Right Out: -0.527+/-0.000 χ^2/NDF : 395716410.3/12

Left In: -0.194+/-0.000 χ^2/NDF : 81659796.5/8

-0.353+/-0.000 χ^2/NDF : 1714012738.7/20

-0.347+/-0.000 χ^2/NDF : 1778826767.9/21

yield_bpm0l07X_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 24452.8/10

Left Out: 0.015+/-0.000 χ^2/NDF :13214.2/9

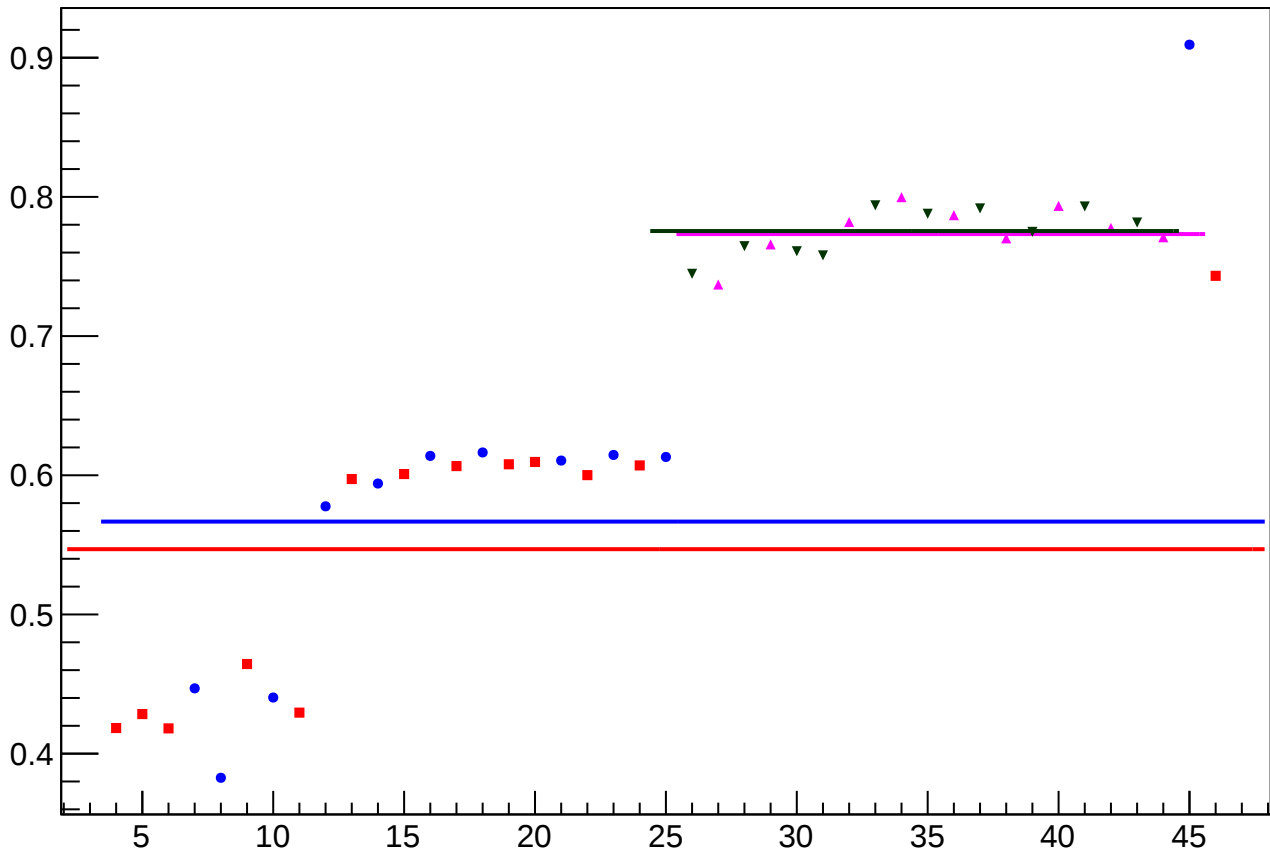
0.016+/-0.000 χ^2/NDF : 156583.8/20

Right Out: 0.017+/-0.000 χ^2/NDF : 26462.7/12

0.016+/-0.000 χ^2/NDF : 197778.1/21

Left In: 0.015+/-0.000 χ^2/NDF :10554.2/8

yield_bpm0l07Y_mean vs slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 12326708229.5/10

Left Out: 0.775 $\pm$ 0.000 χ^2 /NDF:122038329.5/9

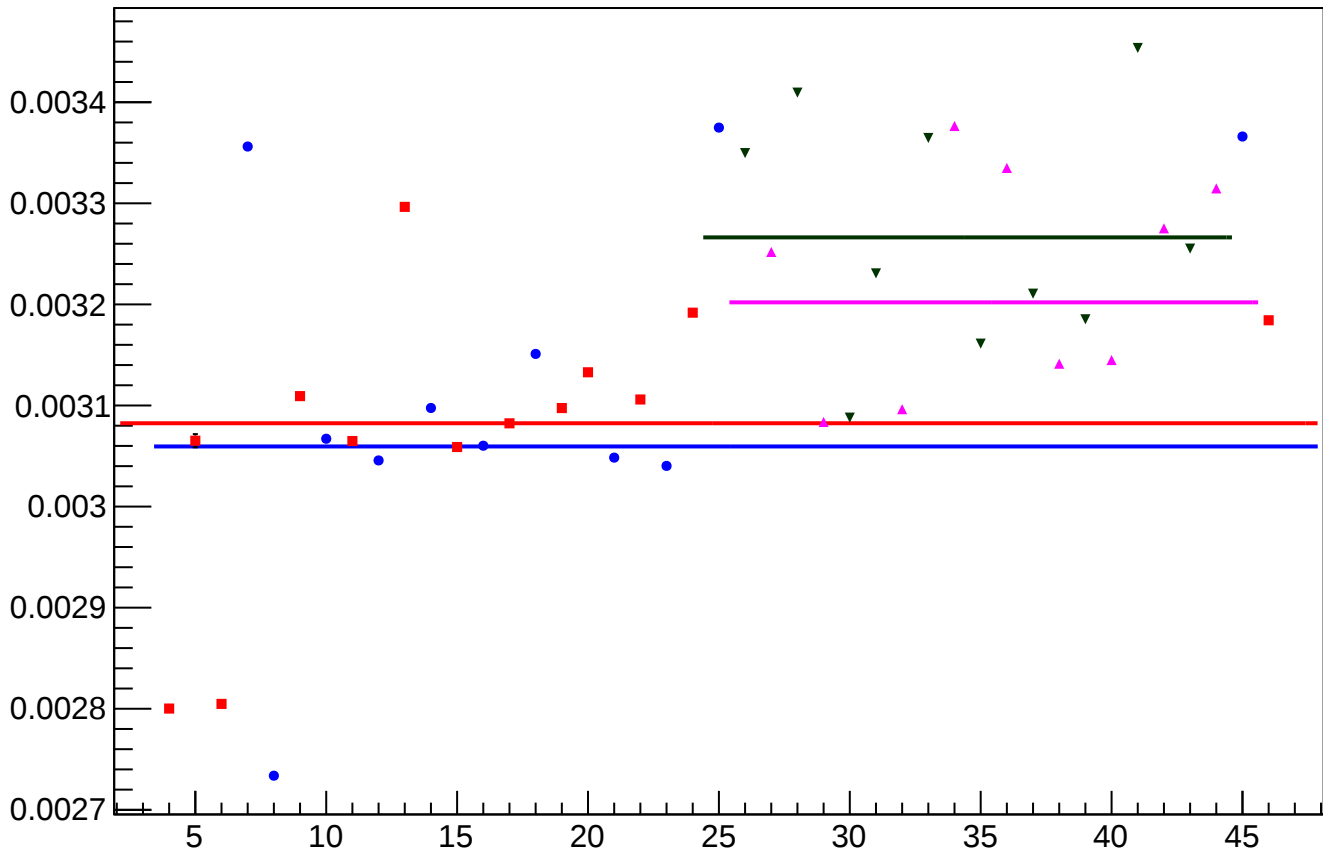
0.650 $\pm$ 0.000 χ^2 /NDF: 25164826983.4/20

Right Out: 0.547 $\pm$ 0.000 χ^2 /NDF: 6583297394.7/12

0.646 $\pm$ 0.000 χ^2 /NDF: 22357202446.2/21

Left In: 0.773 $\pm$ 0.000 χ^2 /NDF:173800769.3/8

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 44212.6/10

Left Out: 0.003+/-0.000 χ^2/NDF :12873.3/9

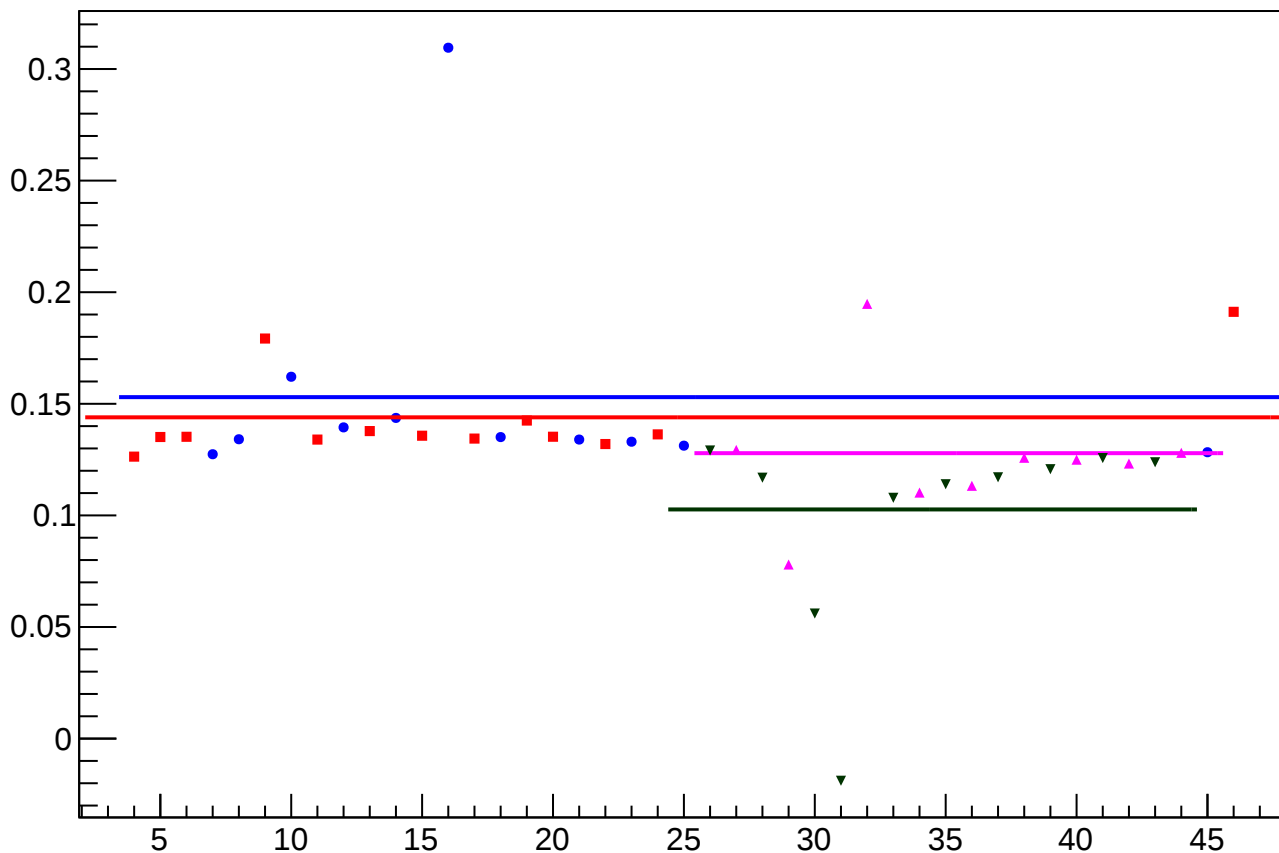
Right Out: 0.003+/-0.000 χ^2/NDF : 28213.7/12

Left In: 0.003+/-0.000 χ^2/NDF :11463.7/8

0.003+/-0.000 χ^2/NDF : 82051.8/20

0.003+/-0.000 χ^2/NDF : 48384.7/21

yield_bpm0l08X_mean vs slug



Right In: 0.153 ± 0.000 χ^2/NDF : 62081473.1/10

Left Out: 0.103 ± 0.000 χ^2/NDF : 42575286.2/9

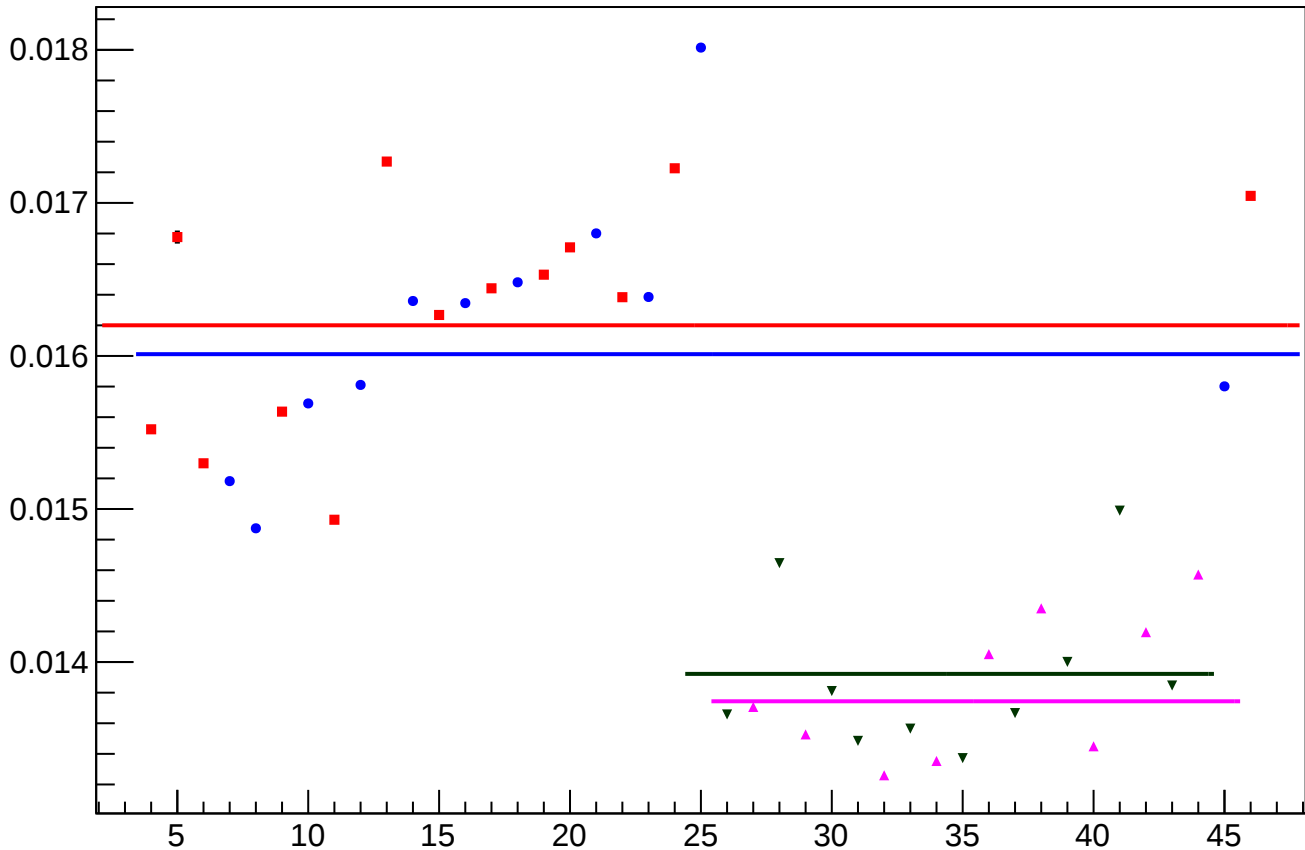
Right Out: 0.144 ± 0.000 χ^2/NDF : 9178948.1/12

Left In: 0.128 ± 0.000 χ^2/NDF : 35319224.9/8

0.128 ± 0.000 χ^2/NDF : 139036639.3/20

0.135 ± 0.000 χ^2/NDF : 47994142.0/21

yield_bpm0l08X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 25311.8/10

Left Out: 0.014+/-0.000 χ^2/NDF :13410.6/9

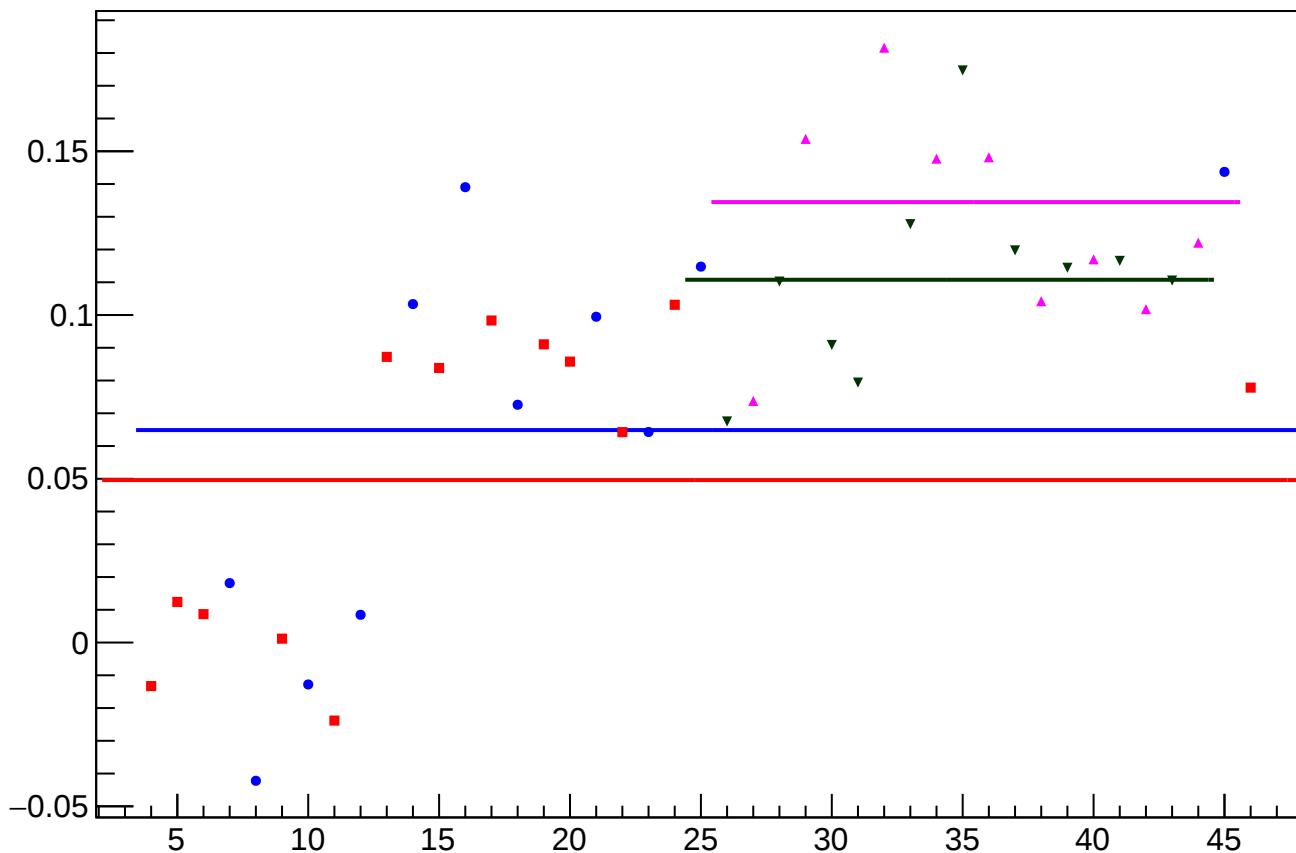
0.015+/-0.000 χ^2/NDF : 157257.8/20

Right Out: 0.016+/-0.000 χ^2/NDF : 31118.4/12

0.015+/-0.000 χ^2/NDF : 205602.2/21

Left In: 0.014+/-0.000 χ^2/NDF :10776.7/8

yield_bpm0l08Y_mean vs slug



Right In: 0.065 ± 0.000 χ^2/NDF : 2454700478.5/10

Left Out: 0.111 ± 0.000 χ^2/NDF : 325634113.5/9

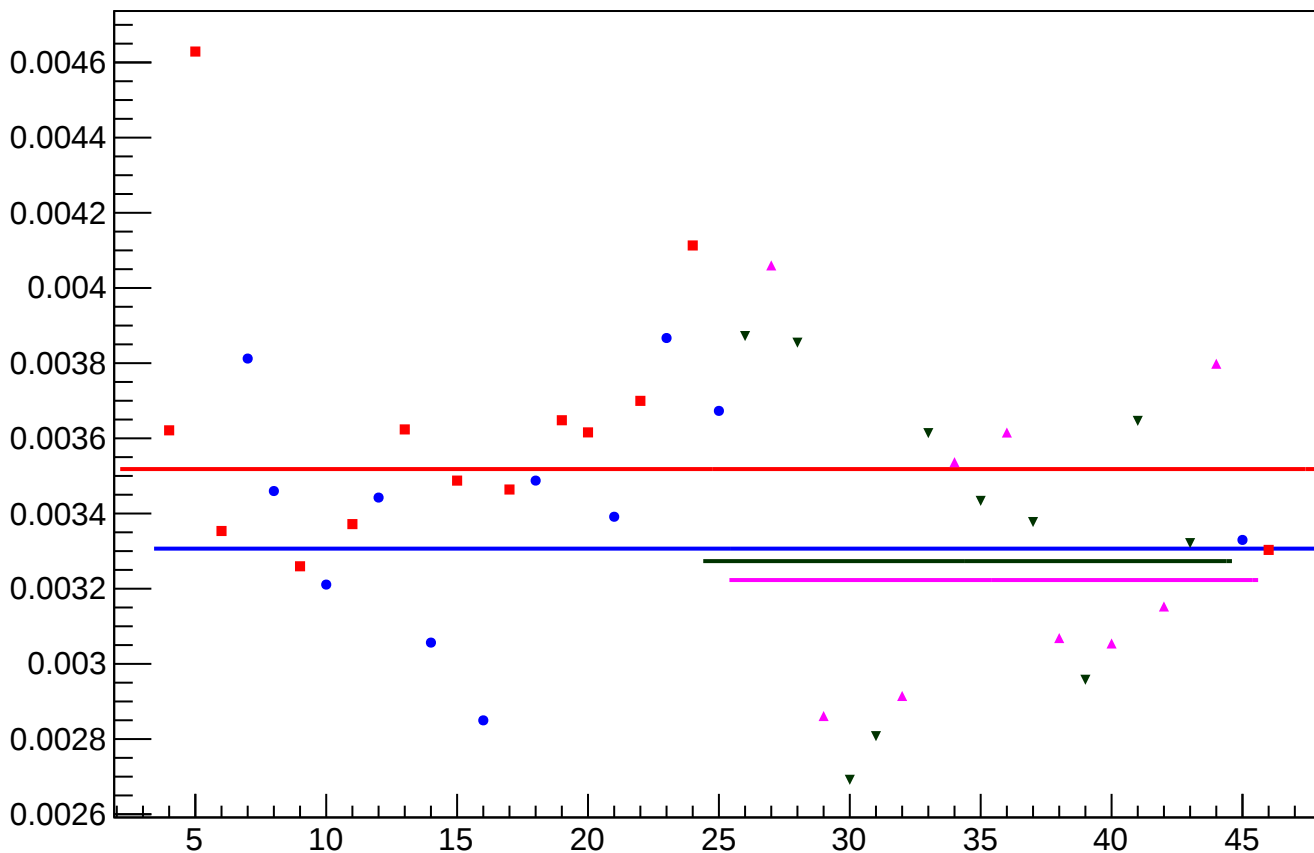
0.085 ± 0.000 χ^2/NDF : 3338632848.3/20

Right Out: 0.050 ± 0.000 χ^2/NDF : 1111440025.2/12

0.092 ± 0.000 χ^2/NDF : 3553889721.3/21

Left In: 0.134 ± 0.000 χ^2/NDF : 584141111.2/8

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 88963.4/10

Left Out: 0.003+/-0.000 χ^2/NDF :157067.3/9

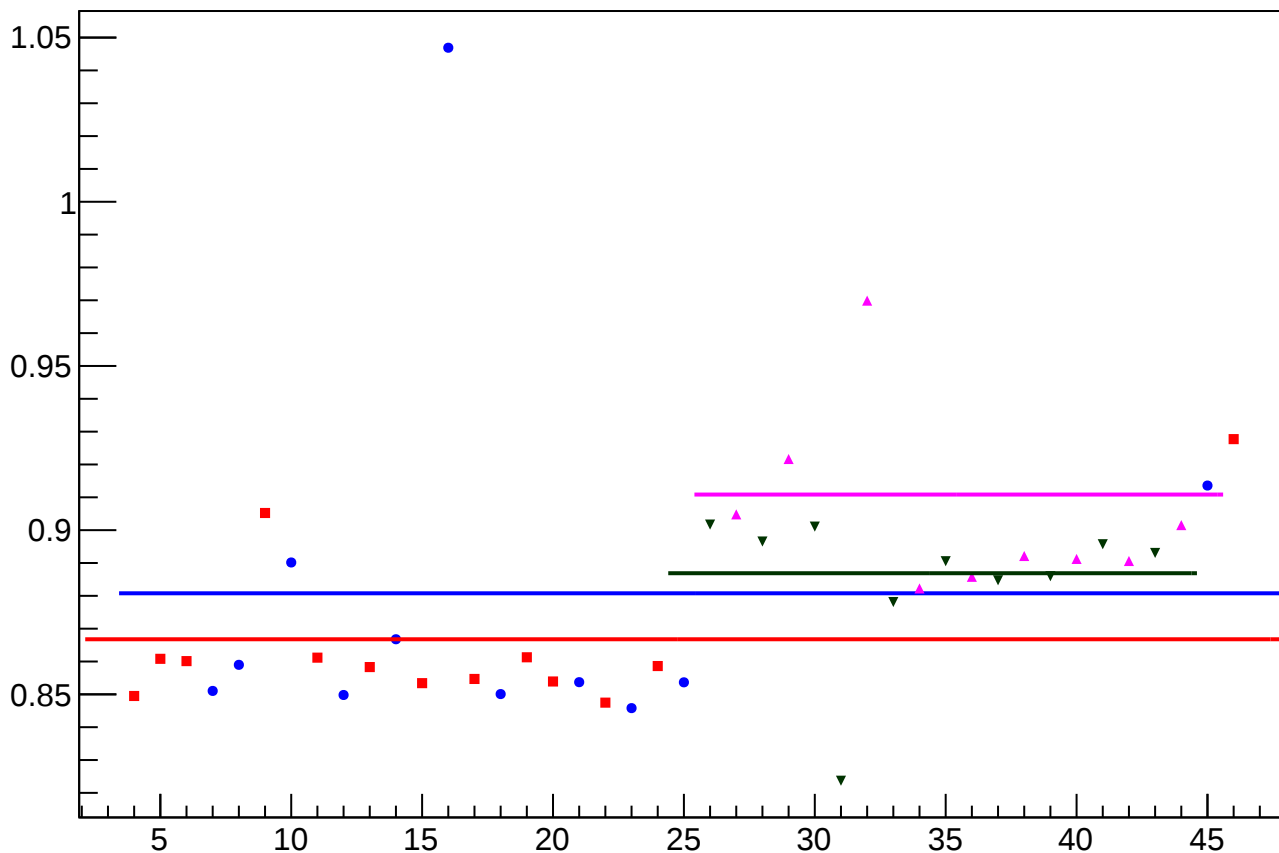
Right Out: 0.004+/-0.000 χ^2/NDF : 58079.8/12

Left In: 0.003+/-0.000 χ^2/NDF :163315.9/8

0.003+/-0.000 χ^2/NDF : 246615.3/20

0.003+/-0.000 χ^2/NDF : 266369.2/21

yield_bpm0l09X_mean vs slug



Right In: 0.881+/-0.000 χ^2/NDF : 81428701.3/10

Left Out: 0.887+/-0.000 χ^2/NDF : 10371268.3/9

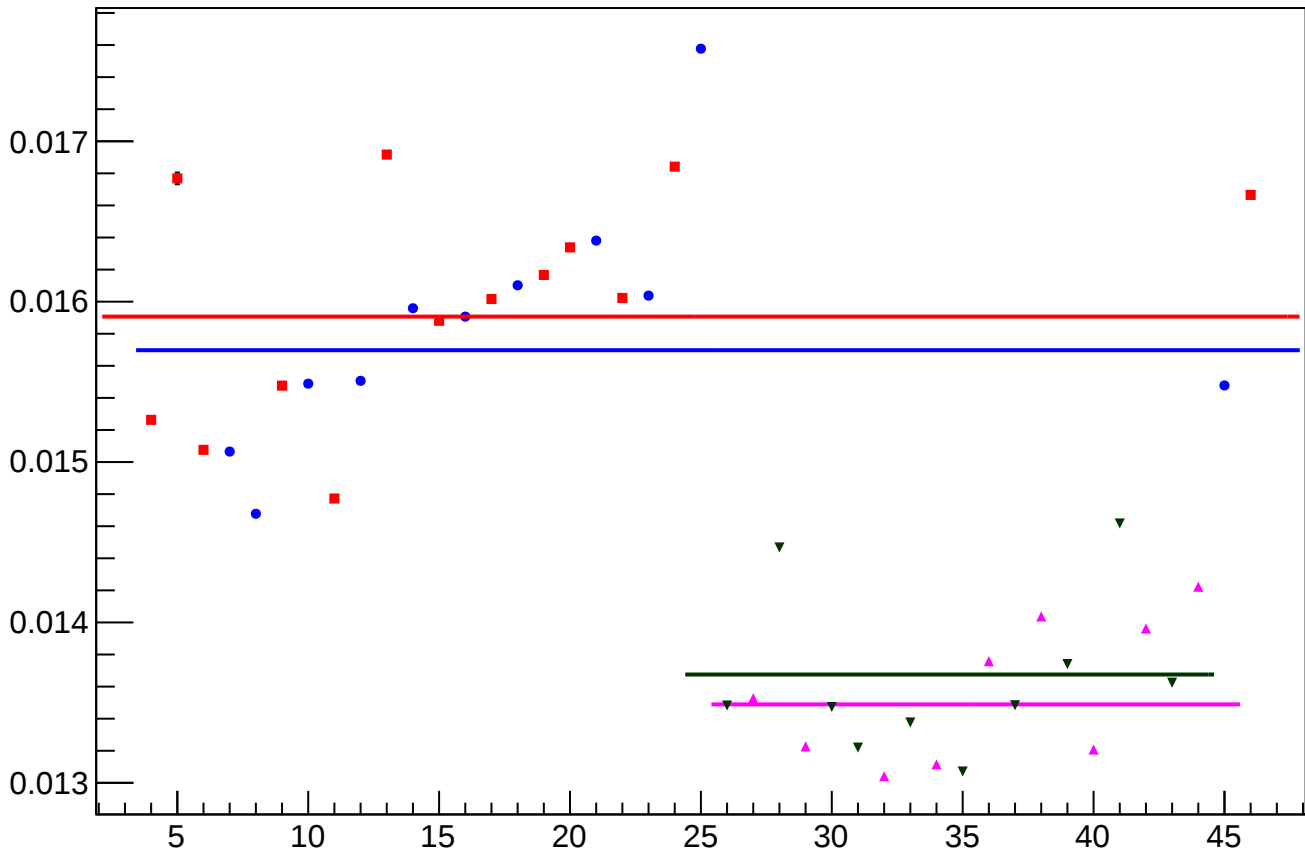
Right Out: 0.867+/-0.000 χ^2/NDF : 13332807.2/12

Left In: 0.911+/-0.000 χ^2/NDF : 26013449.3/8

0.884+/-0.000 χ^2/NDF : 92326238.1/20

0.891+/-0.000 χ^2/NDF : 66641269.0/21

yield_bpm0l09X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 20382.9/10

Left Out: 0.014+/-0.000 χ^2/NDF :13316.5/9

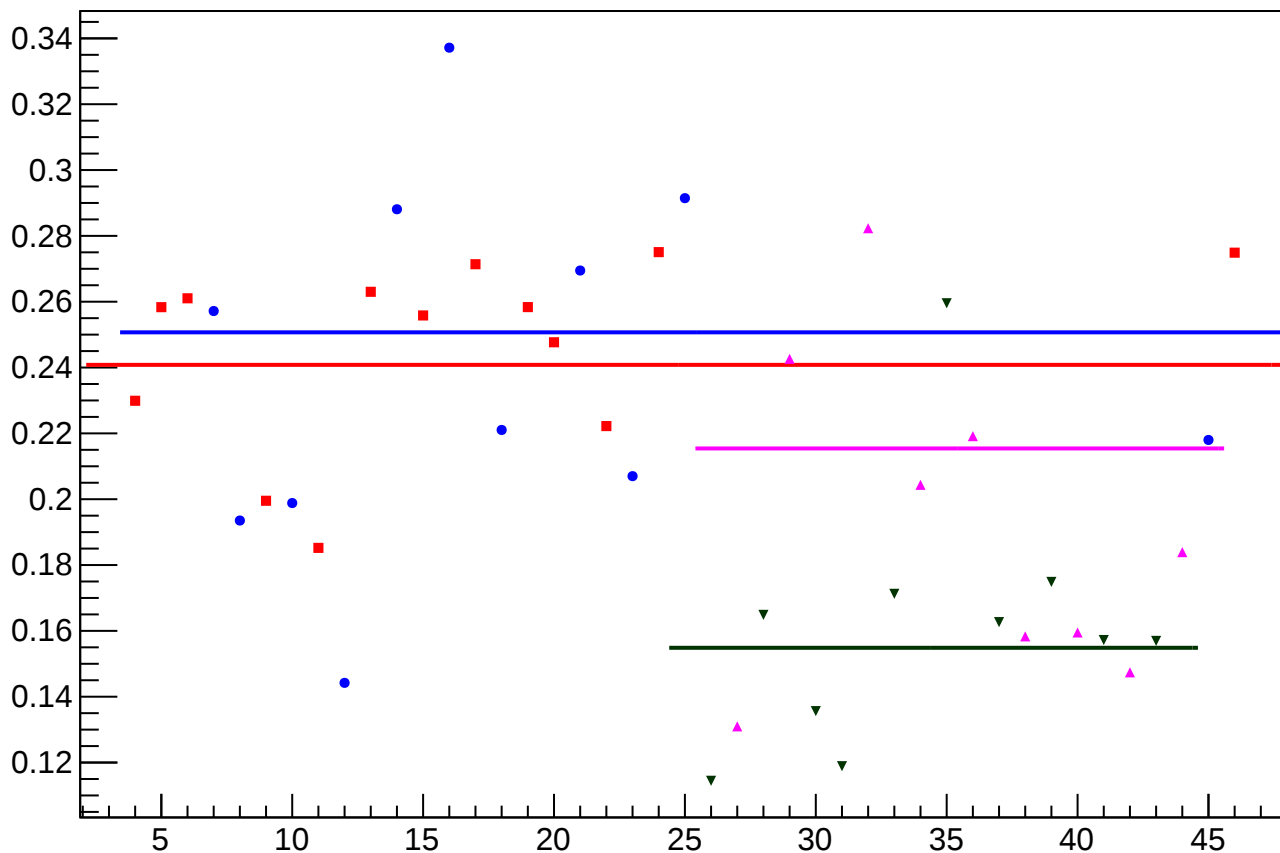
0.015+/-0.000 χ^2/NDF : 148922.1/20

Right Out: 0.016+/-0.000 χ^2/NDF : 26354.1/12

0.015+/-0.000 χ^2/NDF : 200535.3/21

Left In: 0.013+/-0.000 χ^2/NDF :9868.2/8

yield_bpm0l09Y_mean vs slug



Right In: 0.251+/-0.000 χ^2/NDF : 1652549494.1/10

Left Out: 0.155+/-0.000 χ^2/NDF : 491584814.3/9

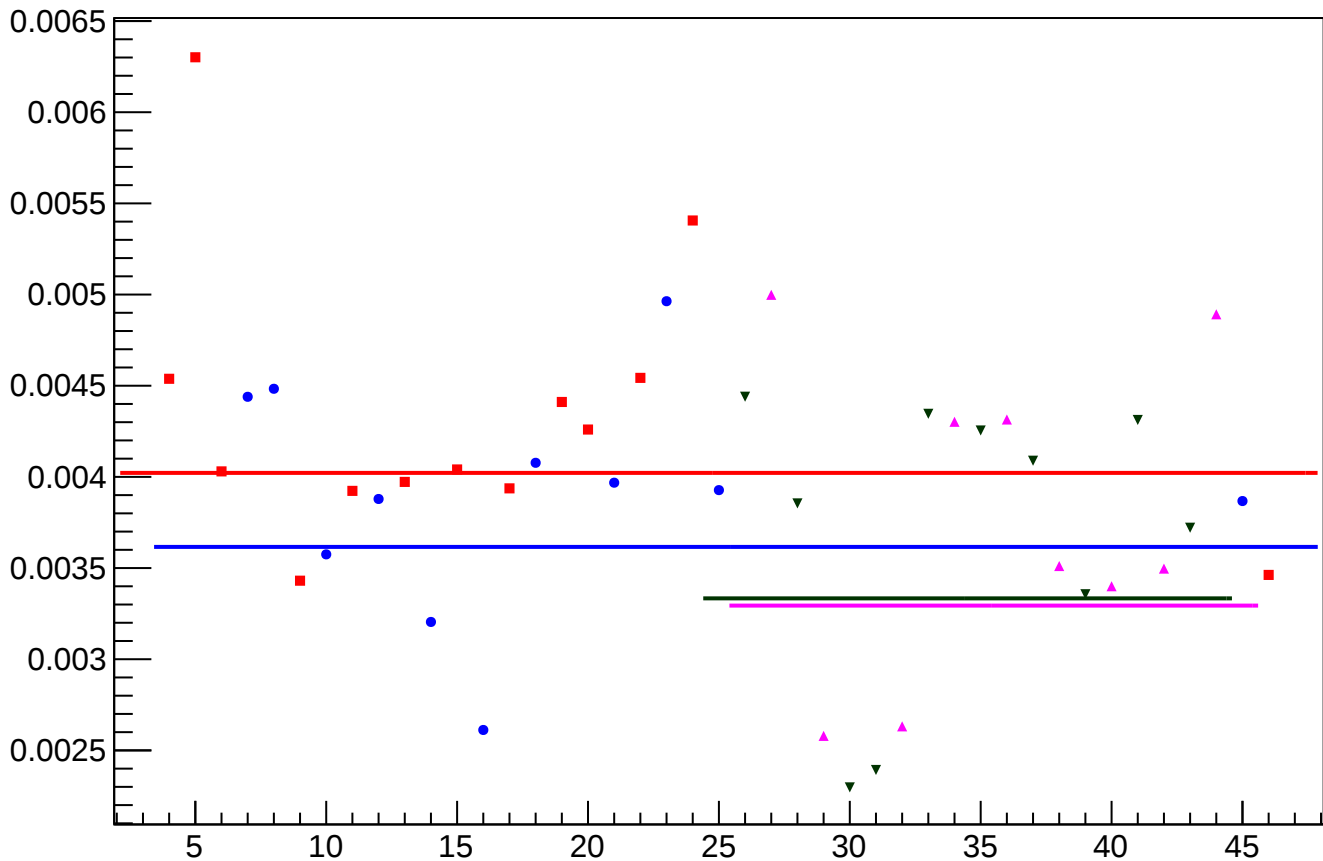
Right Out: 0.241+/-0.000 χ^2/NDF : 380334895.4/12

Left In: 0.215+/-0.000 χ^2/NDF : 1302153804.0/8

0.206+/-0.000 χ^2/NDF : 4215983610.4/20

0.227+/-0.000 χ^2/NDF : 1815496432.7/21

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 395823.3/10

Left Out: 0.003+/-0.000 χ^2/NDF :596508.1/9

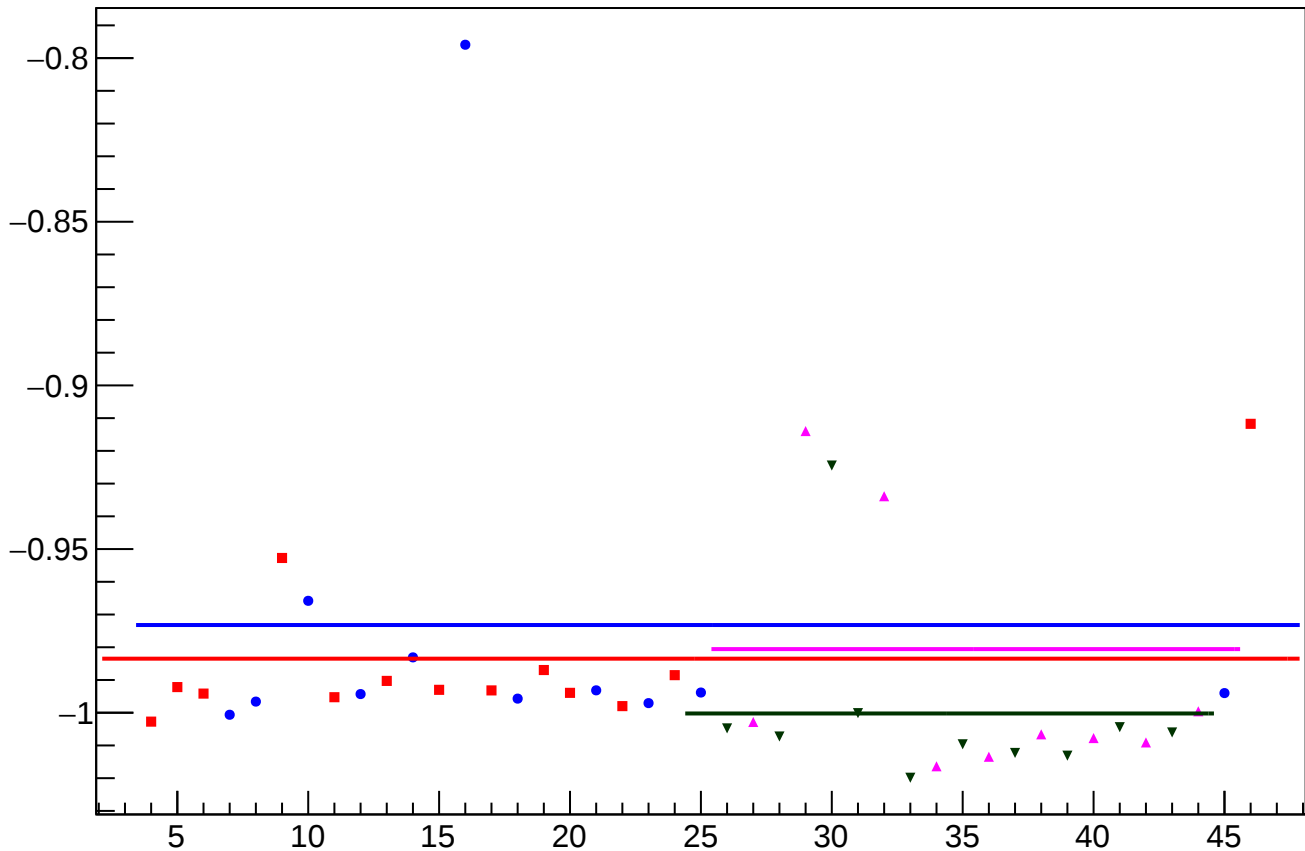
0.003+/-0.000 χ^2/NDF : 1028265.4/20

Right Out: 0.004+/-0.000 χ^2/NDF : 186898.5/12

0.004+/-0.000 χ^2/NDF : 1029699.6/21

Left In: 0.003+/-0.000 χ^2/NDF :624356.7/8

yield_bpm0l10X_mean vs slug



Right In: -0.973+/-0.000 χ^2/NDF : 91156395.8/10

Left Out: -1.000+/-0.000 χ^2/NDF : 20984094.7/9

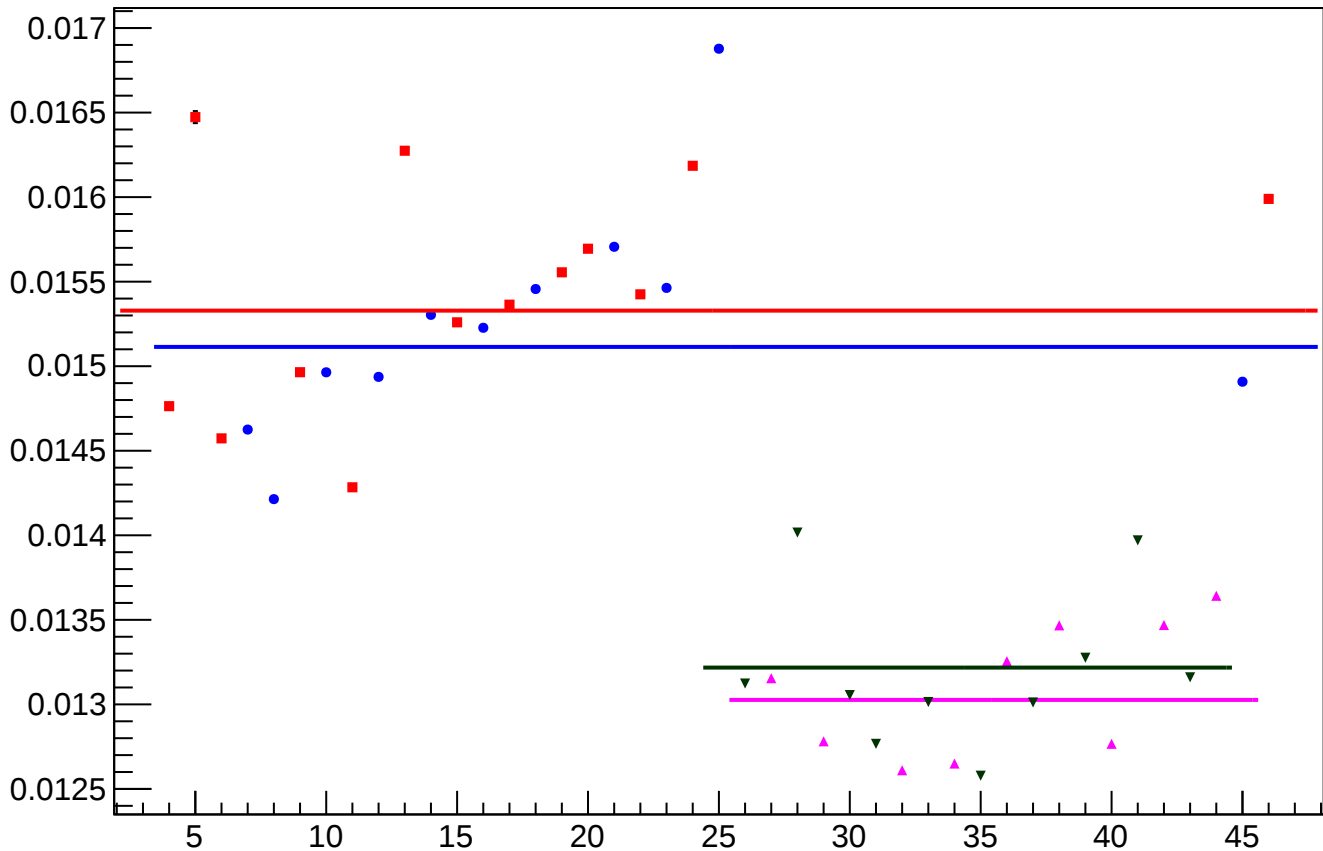
Right Out: -0.983+/-0.000 χ^2/NDF : 14741449.5/12

Left In: -0.981+/-0.000 χ^2/NDF : 51761164.5/8

-0.987+/-0.000 χ^2/NDF : 123183955.5/20

-0.982+/-0.000 χ^2/NDF : 66631511.2/21

yield_bpm0l10X_rms vs slug



Right In: 0.015 $\pm$ 0.000 χ^2 /NDF: 17227.6/10

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:12265.8/9

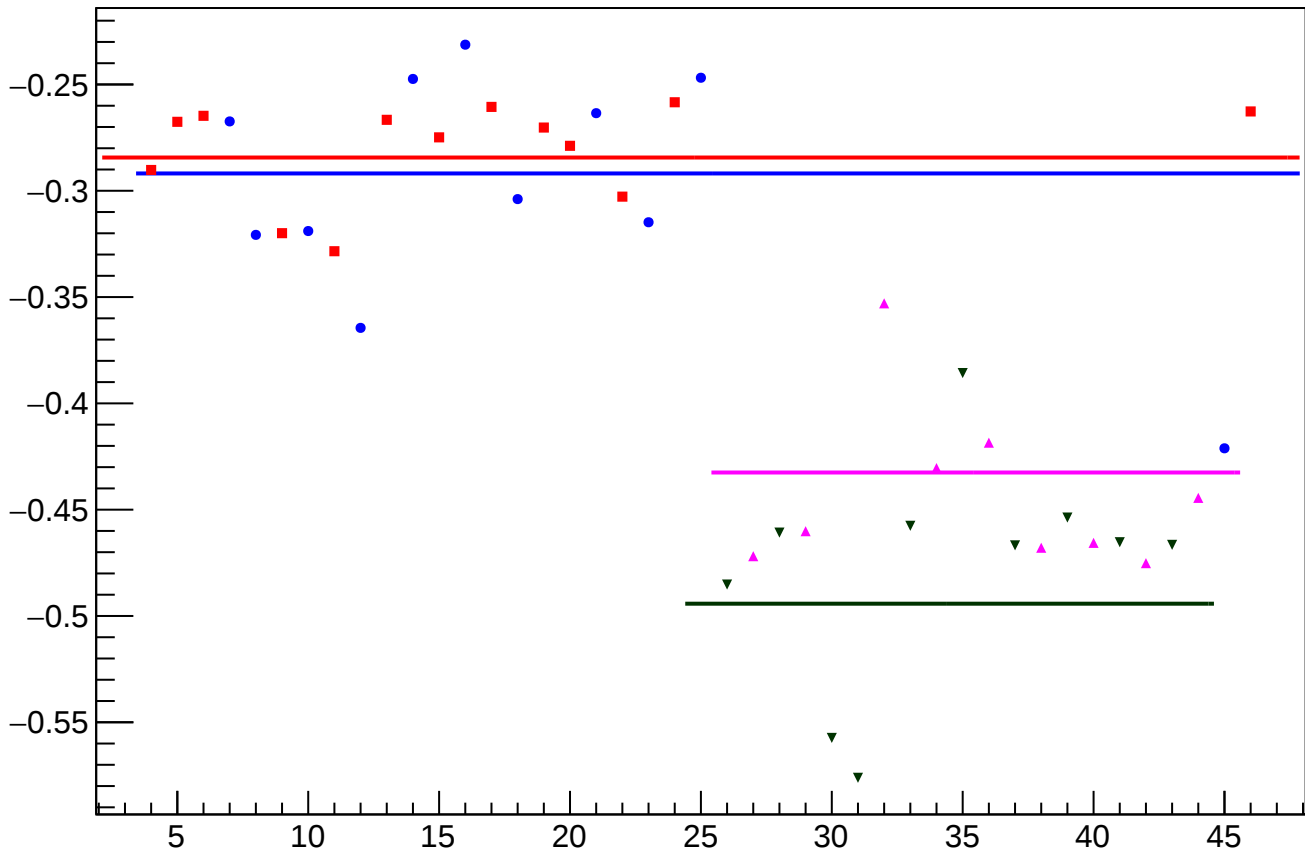
Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 24026.4/12

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:8570.4/8

0.014 $\pm$ 0.000 χ^2 /NDF: 138279.1/20

0.014 $\pm$ 0.000 χ^2 /NDF: 192428.6/21

yield_bpm0l10Y_mean vs slug



Right In: -0.292+/-0.000 χ^2/NDF : 1779579030.1/10

Left Out: -0.494+/-0.000 χ^2/NDF : 1568805763.5/9

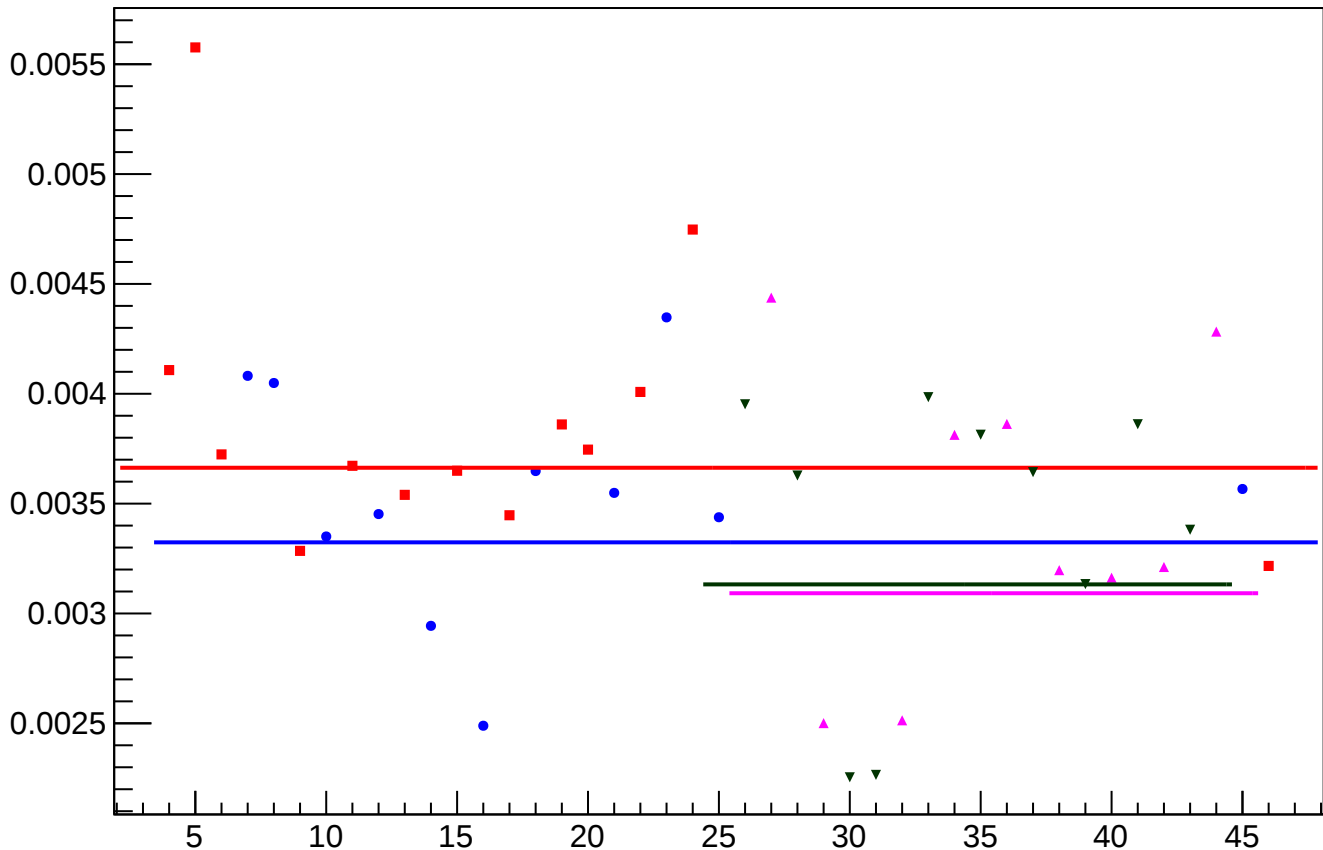
Right Out: -0.284+/-0.000 χ^2/NDF : 290135678.3/12

Left In: -0.433+/-0.000 χ^2/NDF : 1186728653.8/8

-0.383+/-0.000 χ^2/NDF : 14236516047.0/20

-0.364+/-0.000 χ^2/NDF : 6886313317.1/21

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 313372.2/10

Left Out: 0.003+/-0.000 χ^2/NDF : 463941.8/9

Right Out: 0.004+/-0.000 χ^2/NDF : 135946.6/12

Left In: 0.003+/-0.000 χ^2/NDF : 472745.5/8

0.003+/-0.000 χ^2/NDF : 796782.5/20

0.003+/-0.000 χ^2/NDF : 769495.2/21