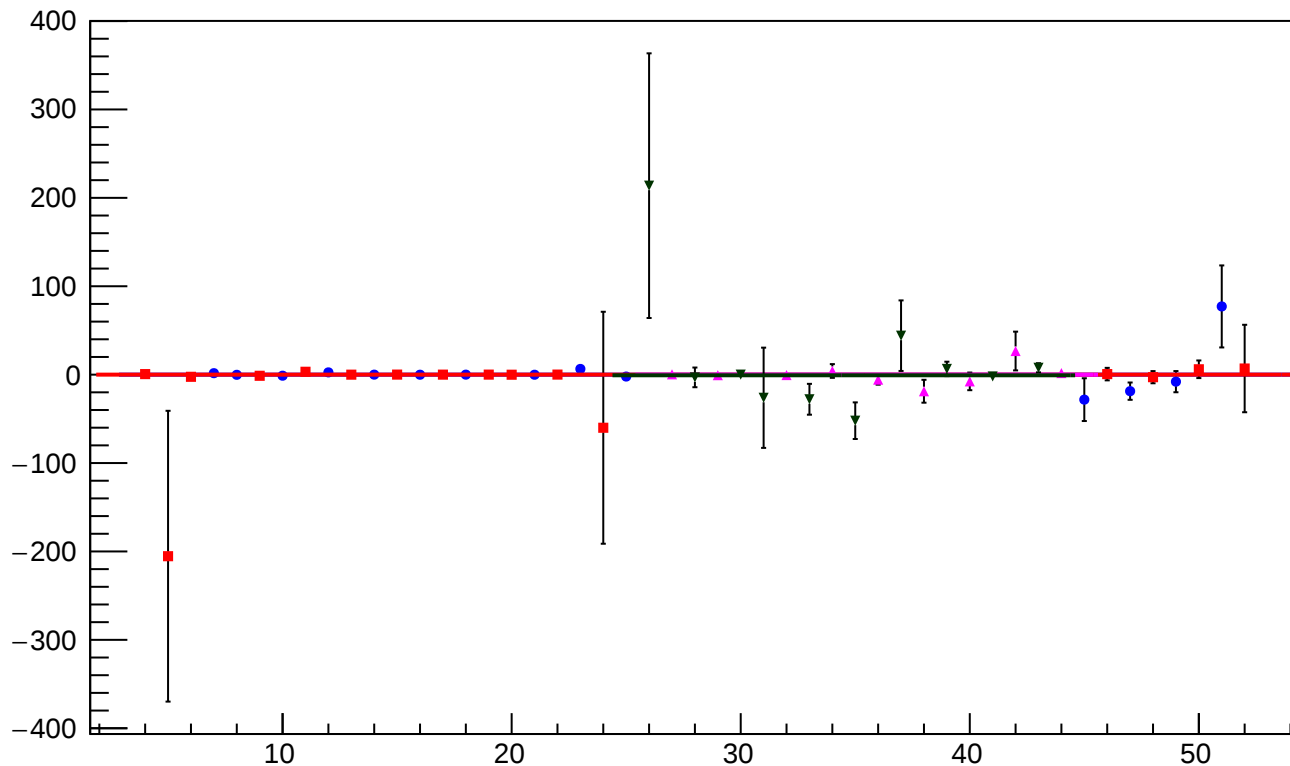


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -0.705 ± 1.554

Right Out: 0.017 ± 0.016

Left In: -0.086 ± 0.168

$\chi^2/\text{NDF}: 26.2/13$

$\chi^2/\text{NDF}: 16.1/9$

$\chi^2/\text{NDF}: 19.9/15$

$\chi^2/\text{NDF}: 15.5/8$

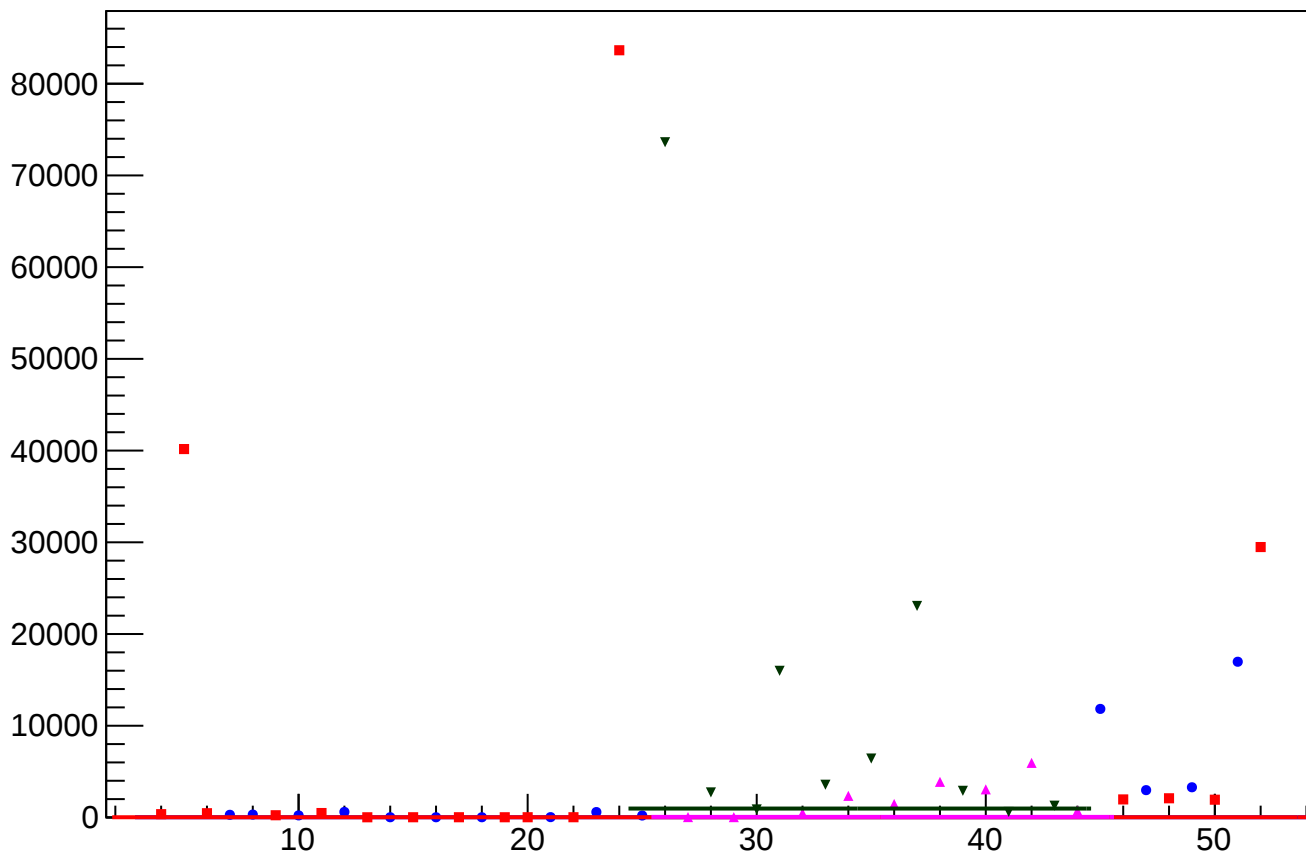
-0.014 ± 0.014

0.016 ± 0.016

$\chi^2/\text{NDF}: 42.4/23$

$\chi^2/\text{NDF}: 35.8/24$

diff_cav4bX_rms vs slug



Right In: 22.415+/-0.010 χ^2/NDF : 1845623.2/13

Left Out: 971.291+/-1.099 χ^2/NDF :1644176.9/9

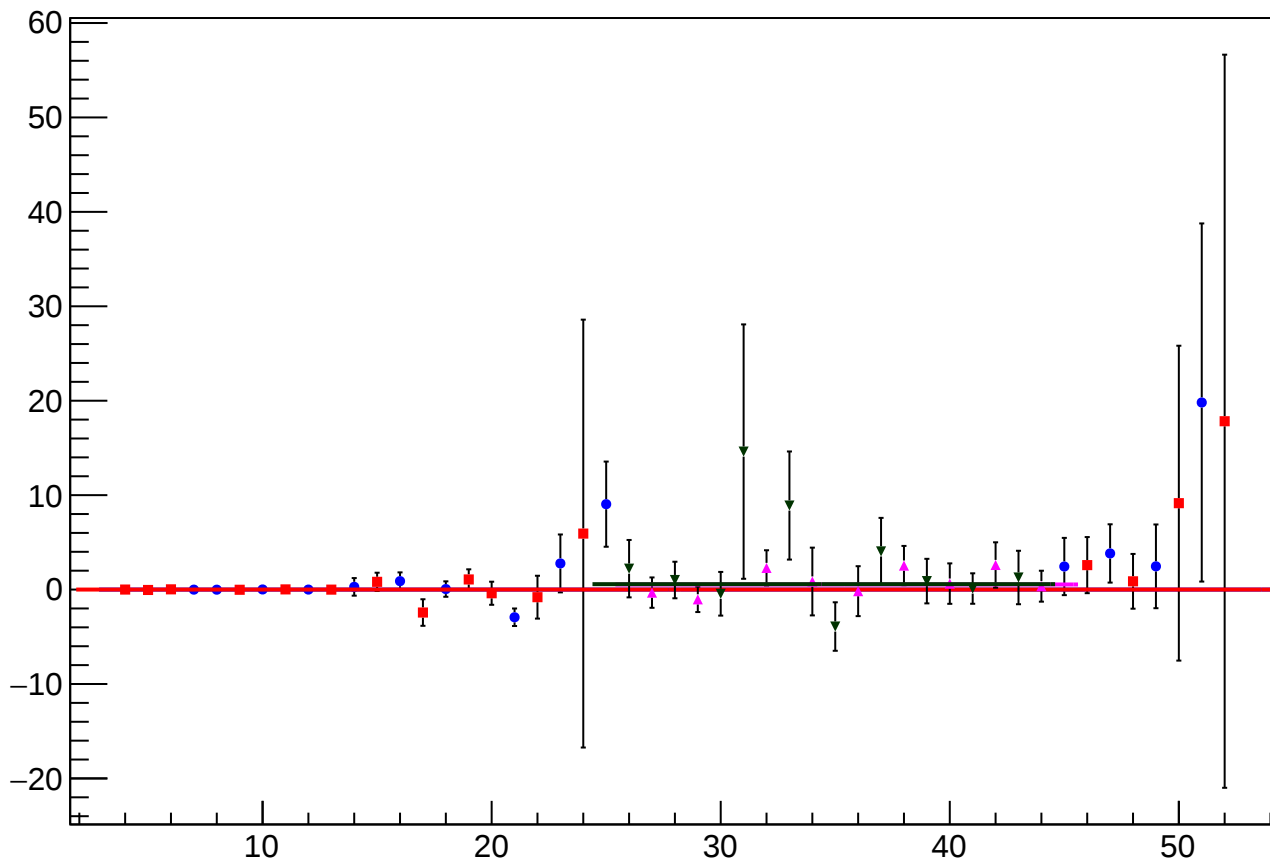
Right Out: 22.605+/-0.011 χ^2/NDF : 2524793.2/15

Left In: 61.510+/-0.119 χ^2/NDF :1572648.7/8

22.496+/-0.010 χ^2/NDF : 4235700.2/23

22.960+/-0.011 χ^2/NDF : 4203445.9/24

diff_cav4bY_mean vs slug



Right In: -0.001 ± 0.006 χ^2/NDF : 21.8/13

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

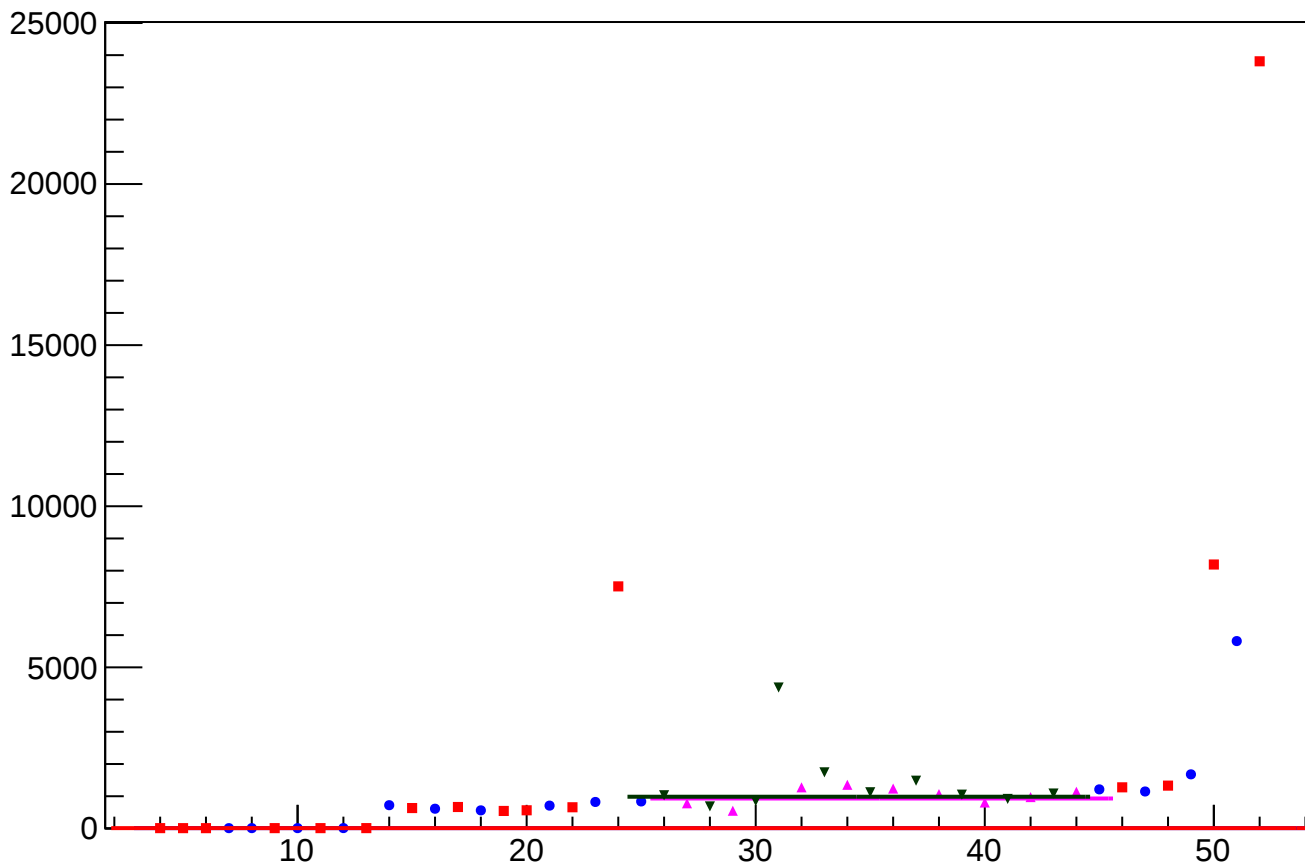
Right Out: 0.002 ± 0.005 χ^2/NDF : 18.3/15

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

-0.001 ± 0.006 χ^2/NDF : 30.2/23

0.002 ± 0.005 χ^2/NDF : 23.3/24

diff_cav4bY_rms vs slug



Right In: 10.505+/-0.005 χ^2/NDF : 5334636.5/13

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

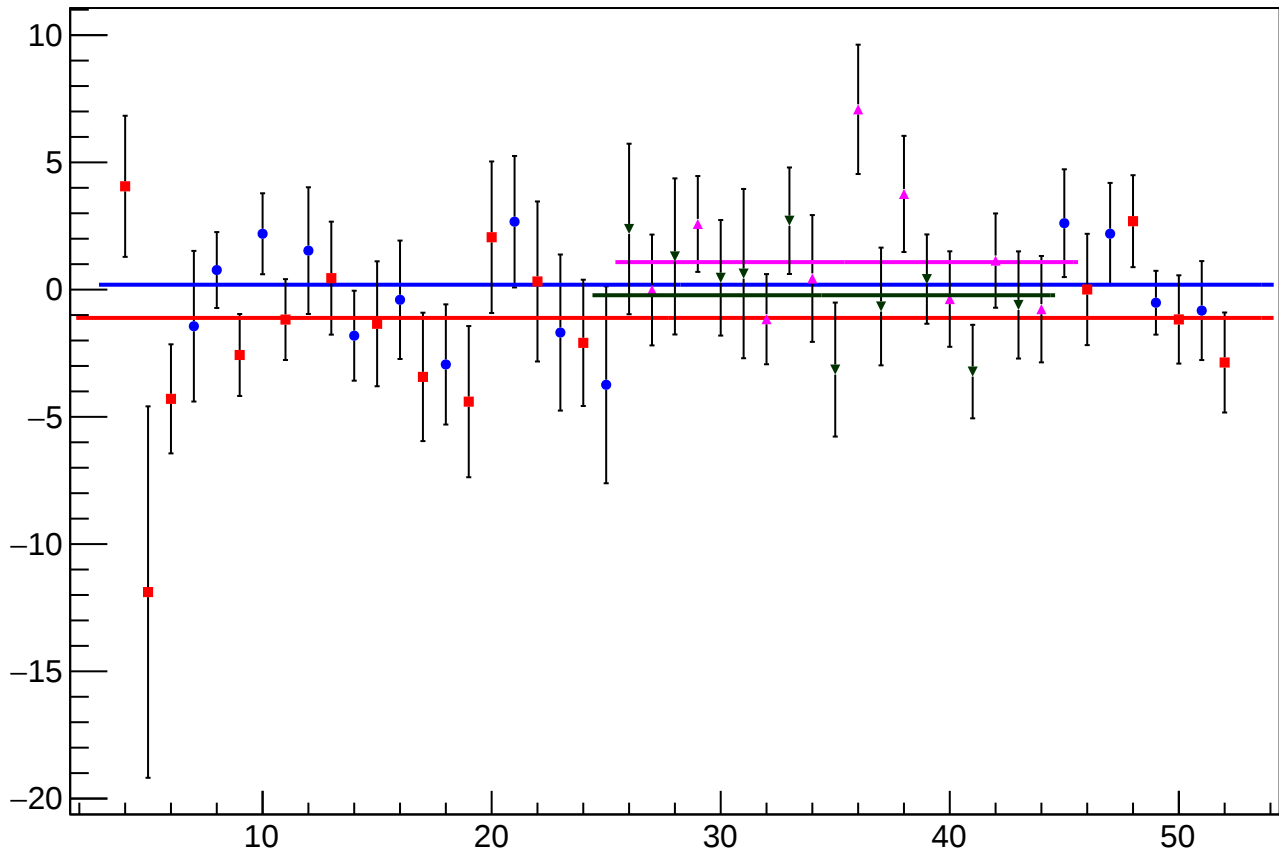
Right Out: 10.085+/-0.004 χ^2/NDF : 4573490.4/15

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

10.567+/-0.005 χ^2/NDF : 8484768.9/23

10.151+/-0.004 χ^2/NDF : 9048637.9/24

diff_cav4cX_mean vs slug



Right In: 0.192 ± 0.534 χ^2/NDF : 10.7/13

Left Out: -0.221 ± 0.728 χ^2/NDF : 7.1/9

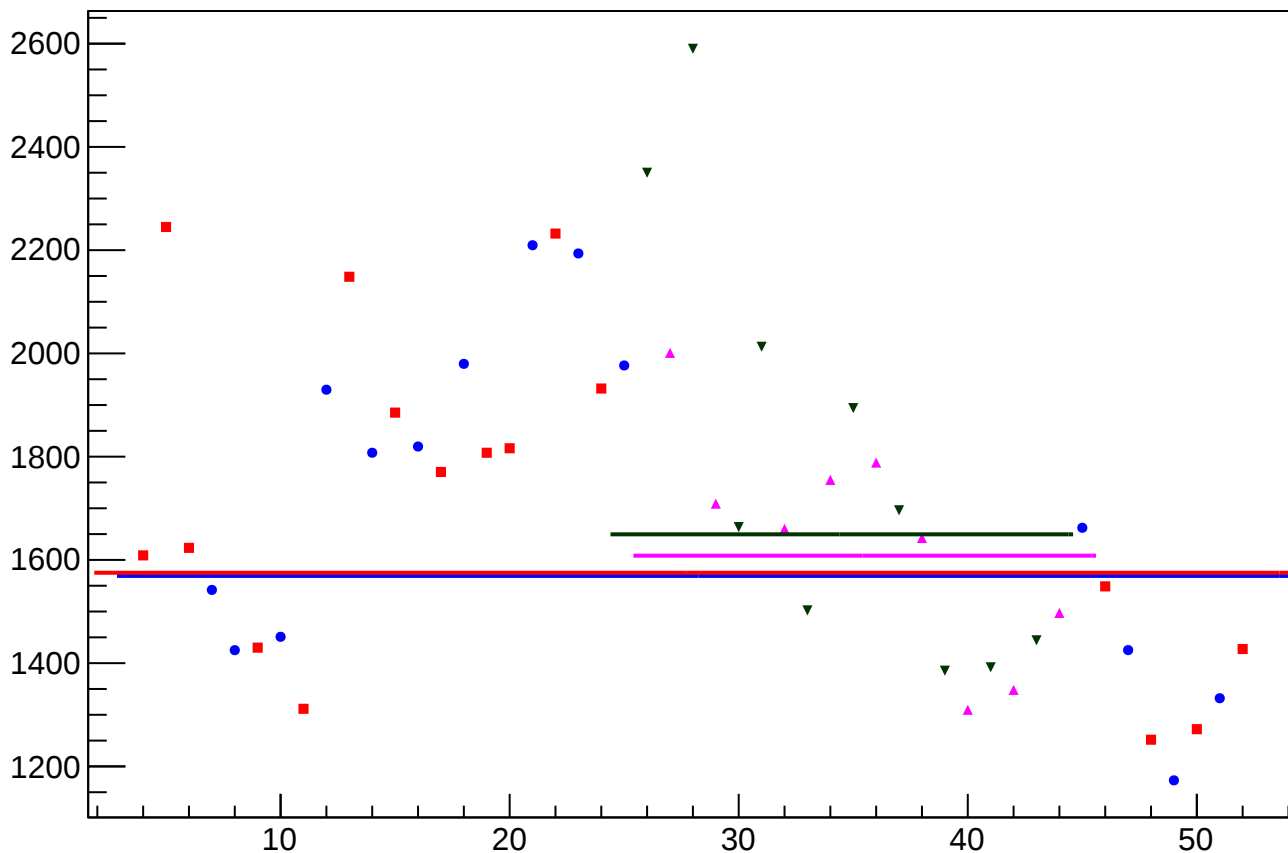
Right Out: -1.112 ± 0.553 χ^2/NDF : 18.2/15

Left In: 1.080 ± 0.686 χ^2/NDF : 10.9/8

0.047 ± 0.431 χ^2/NDF : 17.9/23

-0.249 ± 0.431 χ^2/NDF : 35.3/24

diff_cav4cX_rms vs slug



Right In: 1569.036 $\pm$ 0.378 χ^2 /NDF: 663465.6/13

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

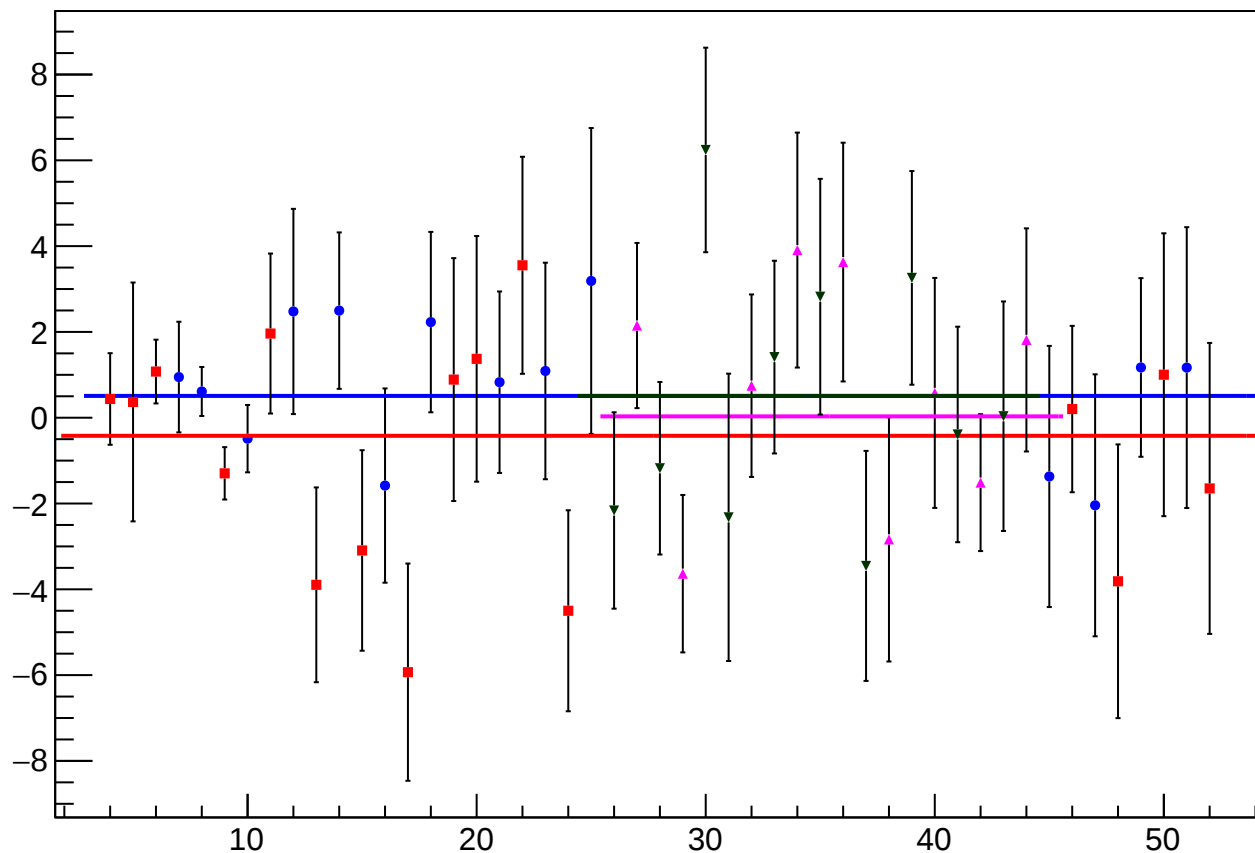
Right Out: 1575.140 $\pm$ 0.391 χ^2 /NDF: 557442.3/15

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

1597.215 $\pm$ 0.305 χ^2 /NDF: 1110312.9/23

1588.167 $\pm$ 0.304 χ^2 /NDF: 745864.9/24

diff_cav4cY_mean vs slug



Right In: 0.508 ± 0.373 χ^2/NDF : 7.0/13

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

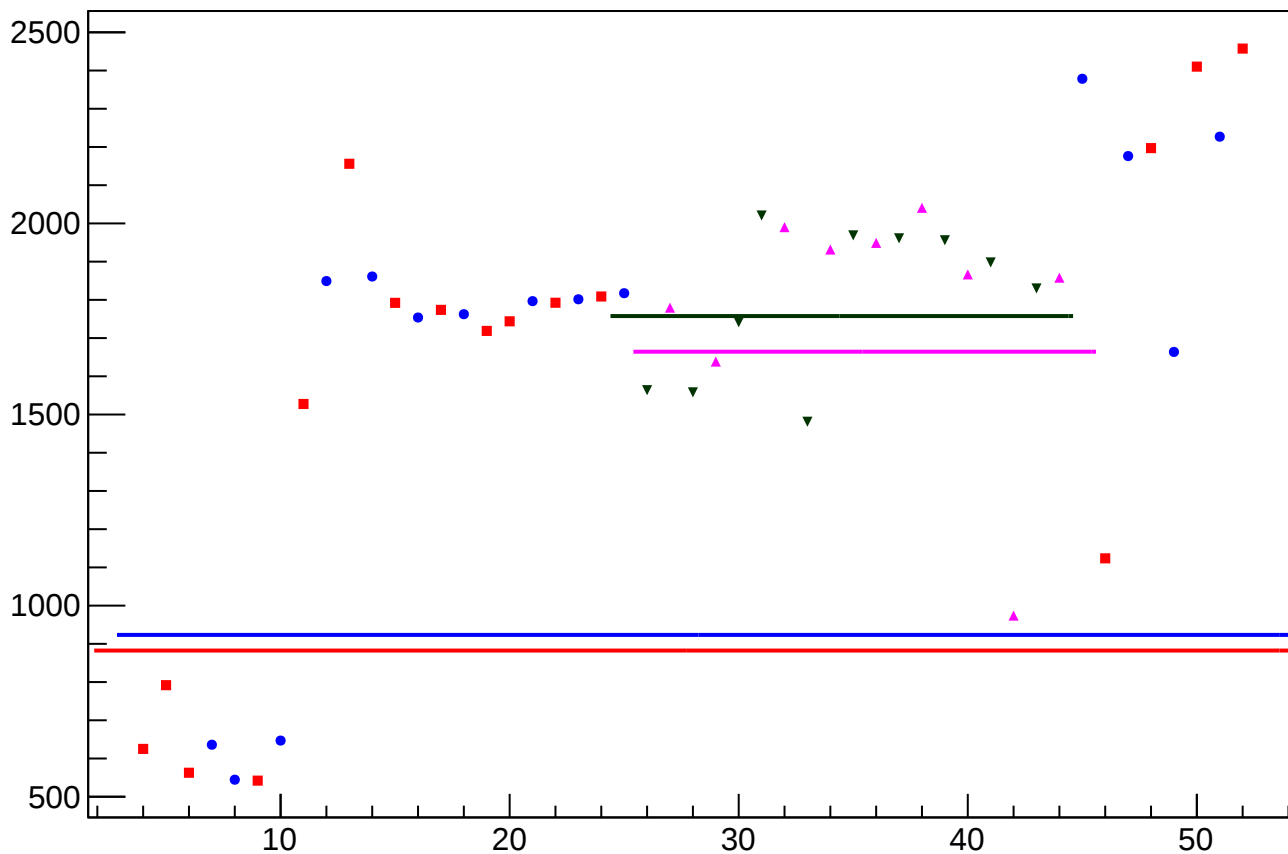
Right Out: -0.421 ± 0.366 χ^2/NDF : 24.5/15

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

0.508 ± 0.337 χ^2/NDF : 20.0/23

-0.331 ± 0.328 χ^2/NDF : 36.3/24

diff_cav4cY_rms vs slug



Right In: 923.424+/-0.264 χ^2/NDF : 4716083.0/13

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

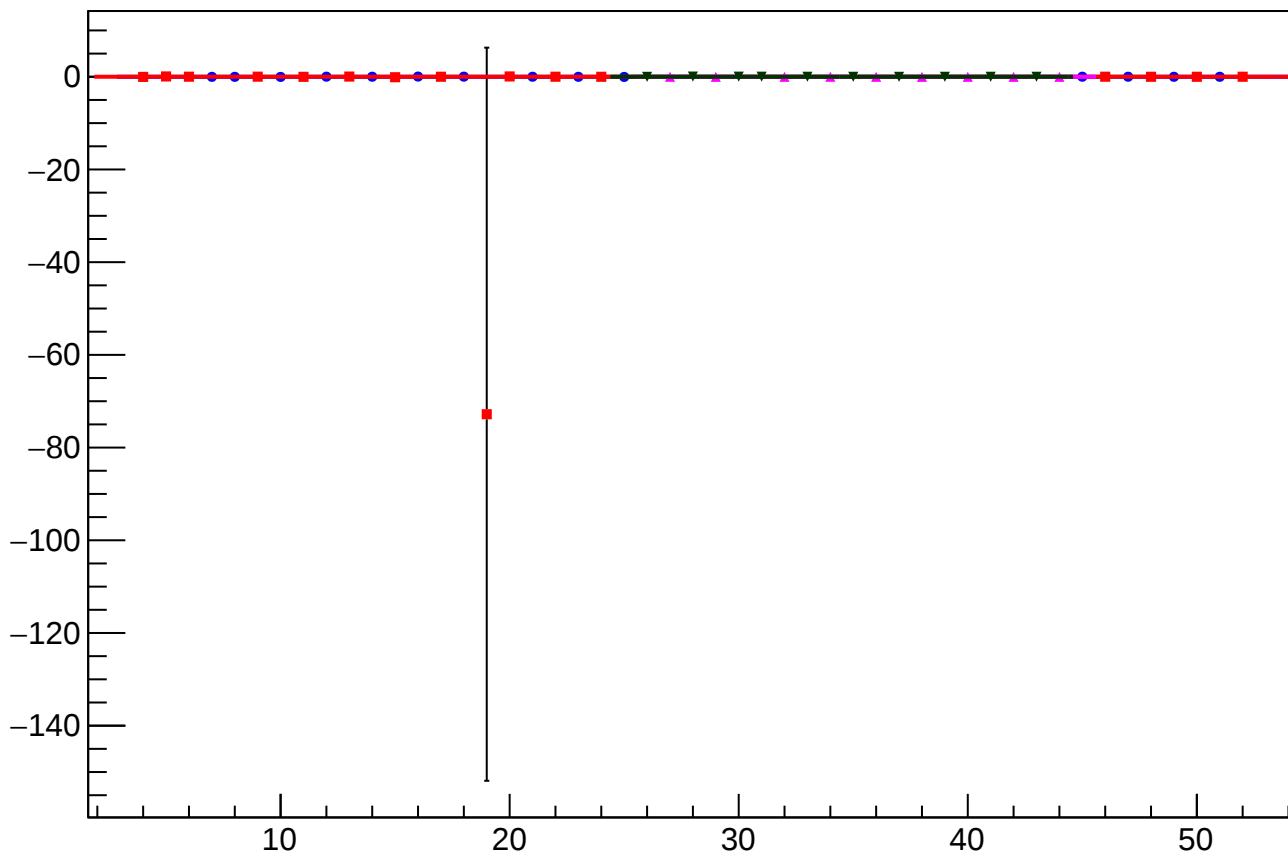
Right Out: 882.465+/-0.259 χ^2/NDF : 4687859.4/15

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

1077.888+/-0.238 χ^2/NDF : 6688064.0/23

1038.251+/-0.232 χ^2/NDF : 7028840.9/24

diff_cav4dX_mean vs slug



Right In: 0.001 $\pm$ 0.005 χ^2 /NDF: 8.7/13

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

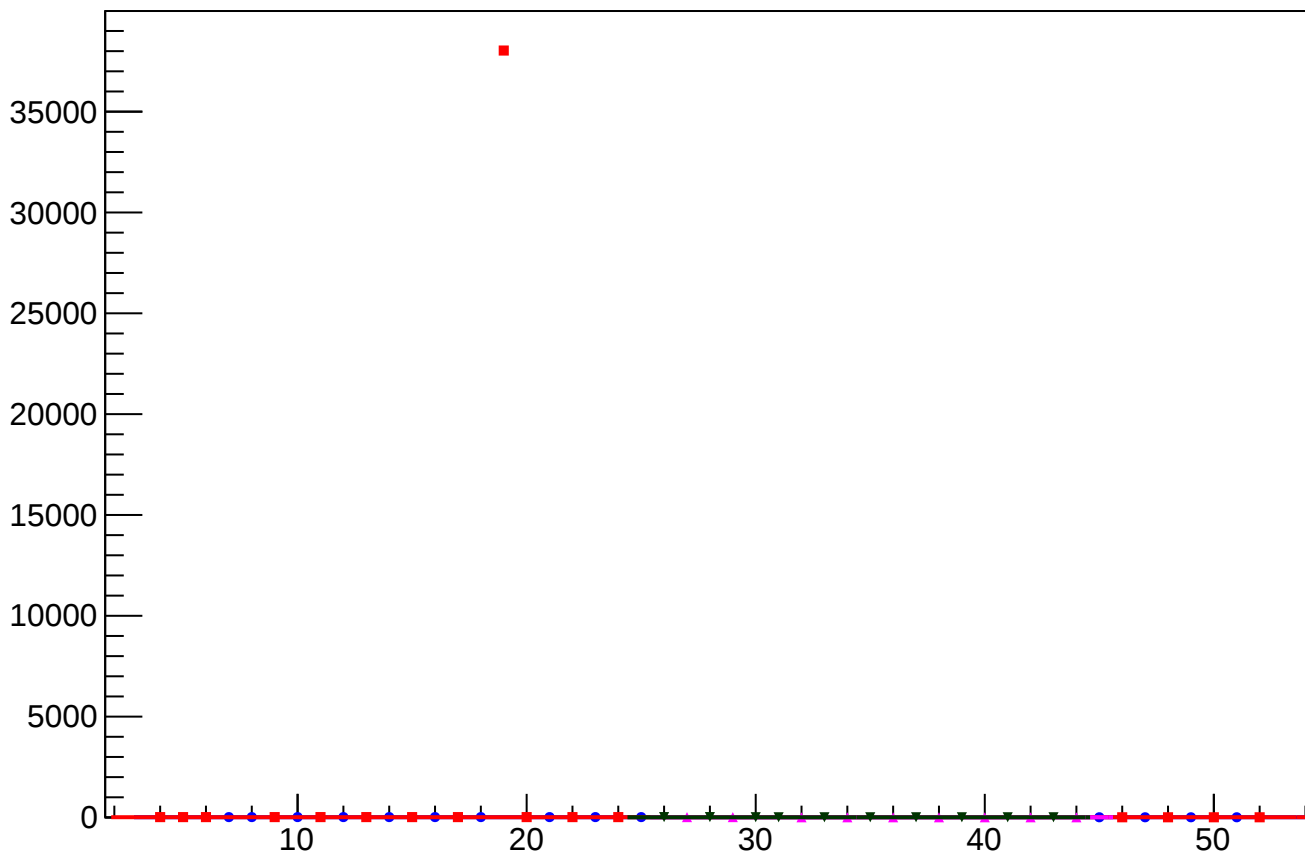
Right Out: 0.007 $\pm$ 0.005 χ^2 /NDF: 12.8/15

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

0.001 $\pm$ 0.003 χ^2 /NDF: 17.3/23

0.001 $\pm$ 0.003 χ^2 /NDF: 16.5/24

diff_cav4dX_rms vs slug



Right In: 11.718 $\pm$ 0.003 χ^2 /NDF: 1639499.1/13

Left Out: 9.339 $\pm$ 0.003 χ^2 /NDF: 592494.4/9

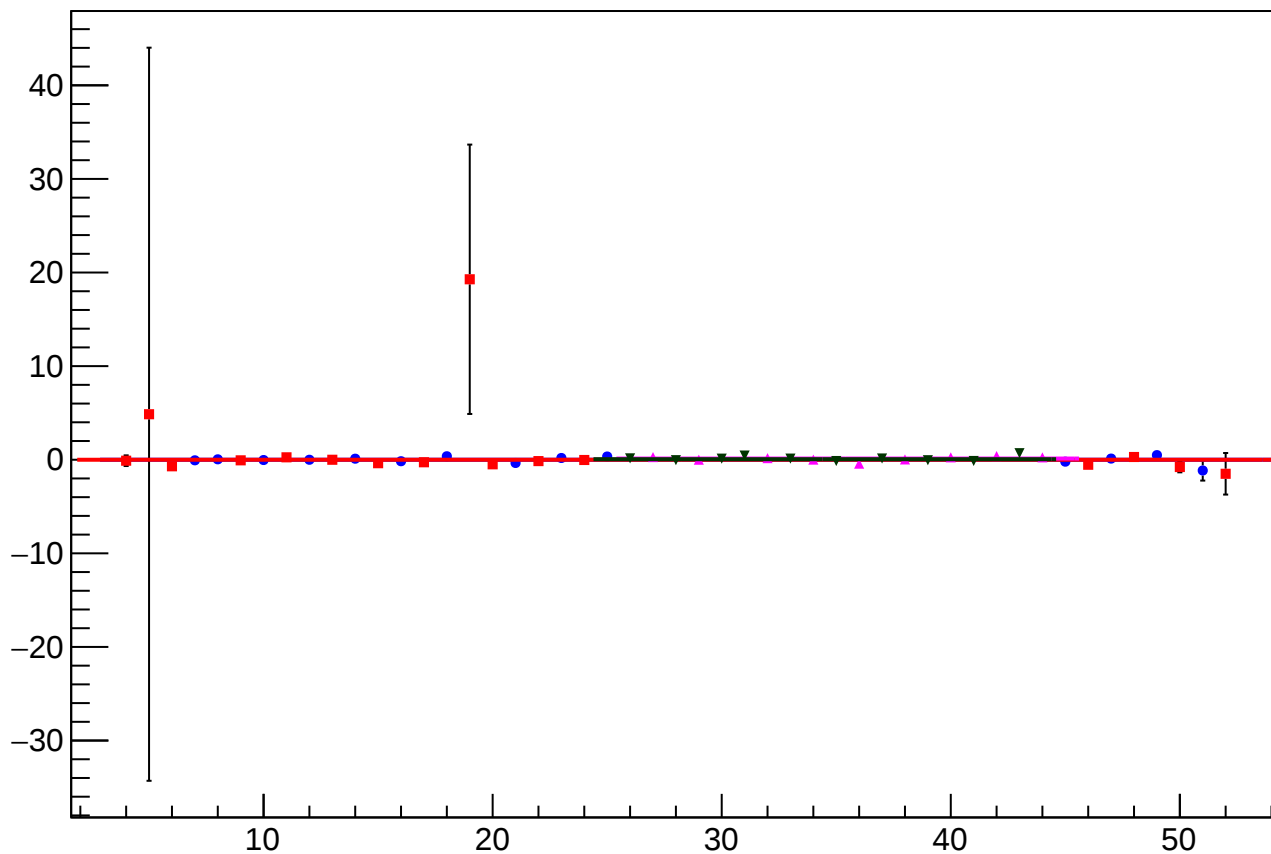
Right Out: 12.066 $\pm$ 0.003 χ^2 /NDF: 1994623.2/15

Left In: 9.359 $\pm$ 0.003 χ^2 /NDF: 755521.7/8

10.425 $\pm$ 0.002 χ^2 /NDF: 2522018.7/23

10.478 $\pm$ 0.002 χ^2 /NDF: 3106531.9/24

diff_cav4dY_mean vs slug



Right In: -0.003 ± 0.003 χ^2/NDF : 19.4/13

Left Out: 0.055 ± 0.058 χ^2/NDF : 11.5/9

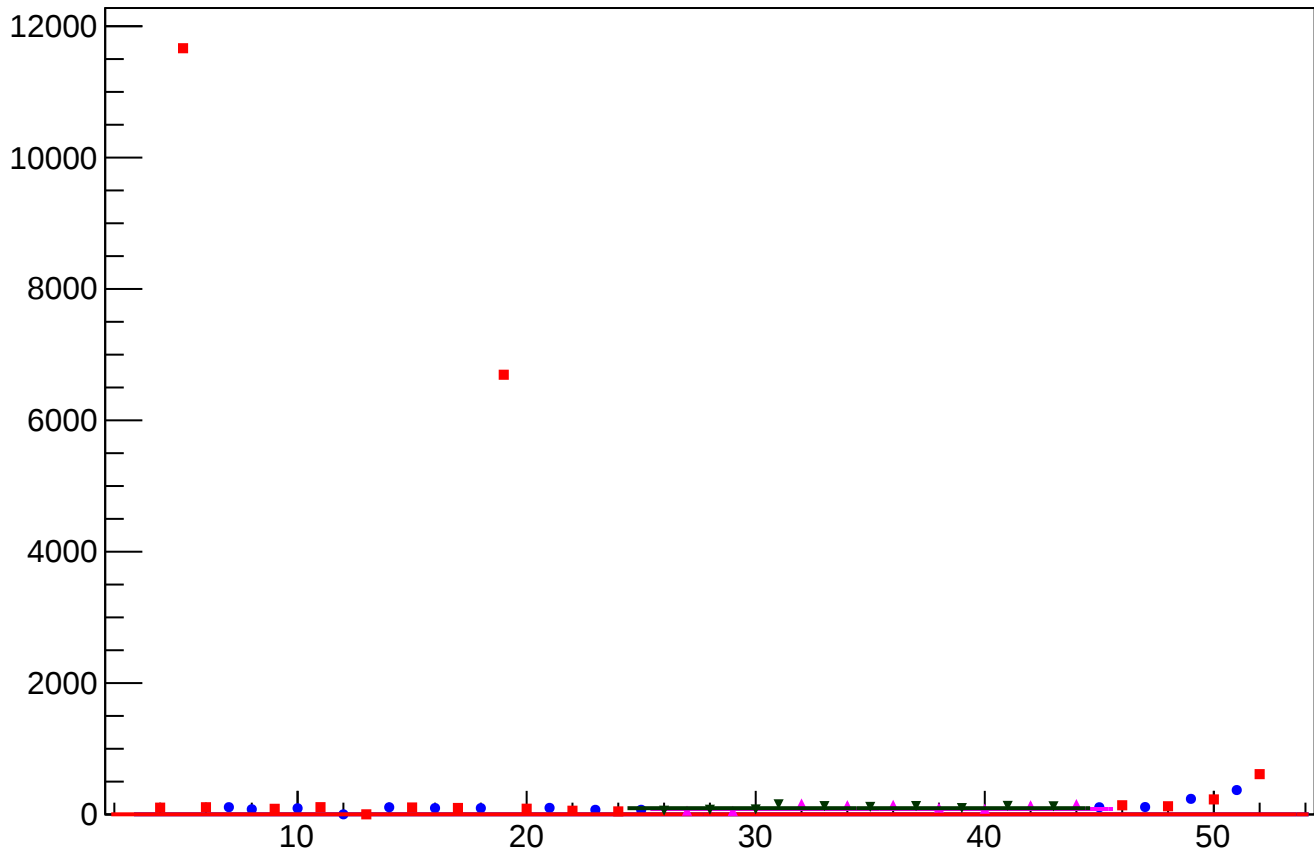
Right Out: -0.003 ± 0.003 χ^2/NDF : 18.6/15

Left In: 0.127 ± 0.053 χ^2/NDF : 9.8/8

-0.002 ± 0.003 χ^2/NDF : 31.9/23

-0.002 ± 0.003 χ^2/NDF : 34.2/24

diff_cav4dY_rms vs slug



Right In: 2.207+/-0.002 χ^2/NDF : 8090603.7/13

Left Out: 95.280+/-0.041 χ^2/NDF : 442454.1/9

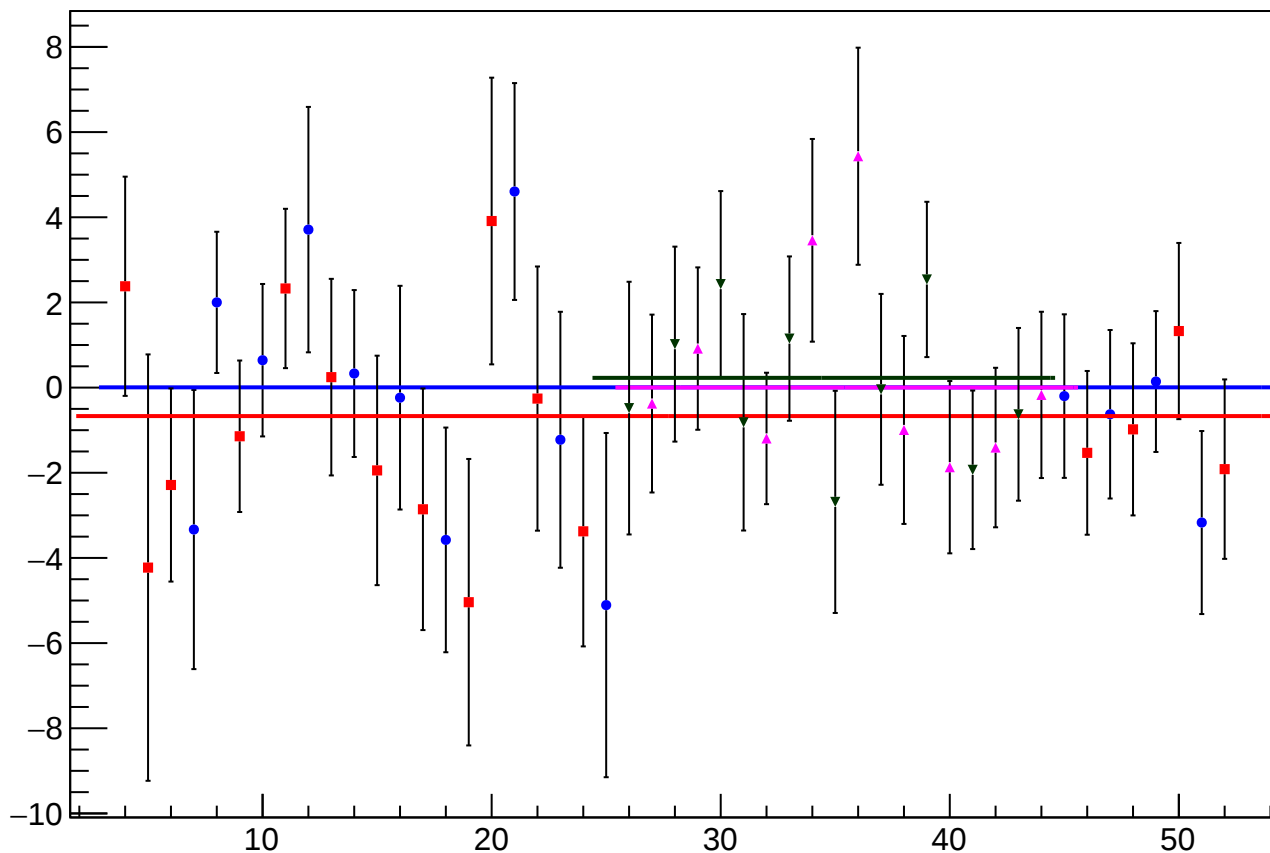
Right Out: 2.094+/-0.002 χ^2/NDF : 5559009.0/15

Left In: 82.887+/-0.038 χ^2/NDF : 1078939.0/8

2.468+/-0.002 χ^2/NDF : 13668700.6/23

2.354+/-0.002 χ^2/NDF : 11222104.4/24

diff_bpm4aX_mean vs slug



Right In: 0.006 ± 0.590 χ^2/NDF : 13.5/13

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

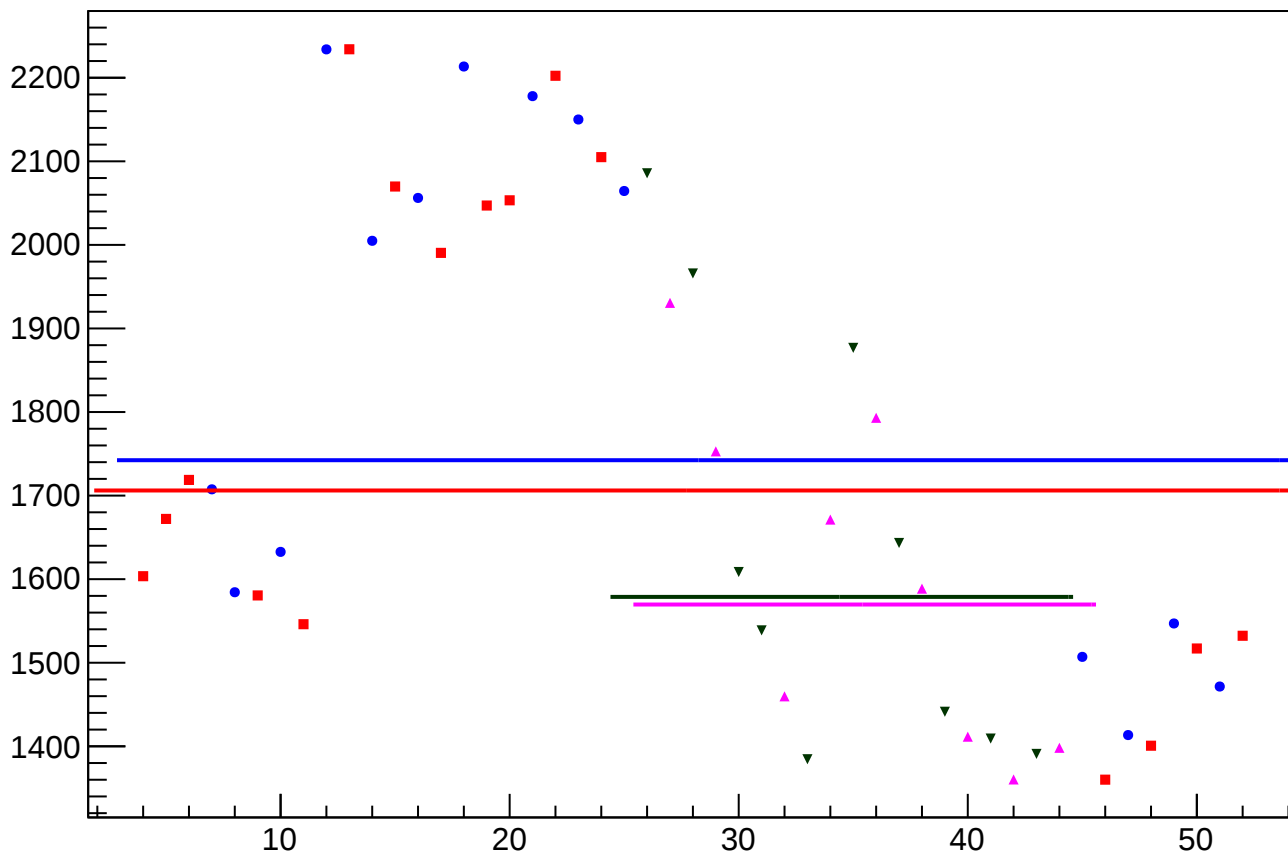
Right Out: -0.669 ± 0.595 χ^2/NDF : 12.1/15

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

0.100 ± 0.448 χ^2/NDF : 19.5/23

-0.372 ± 0.444 χ^2/NDF : 21.8/24

diff_bpm4aX_rms vs slug



Right In: 1742.347 ± 0.417 χ^2/NDF : 465329.0/13

Left Out: 1578.790 ± 0.486 χ^2/NDF : 209553.9/9

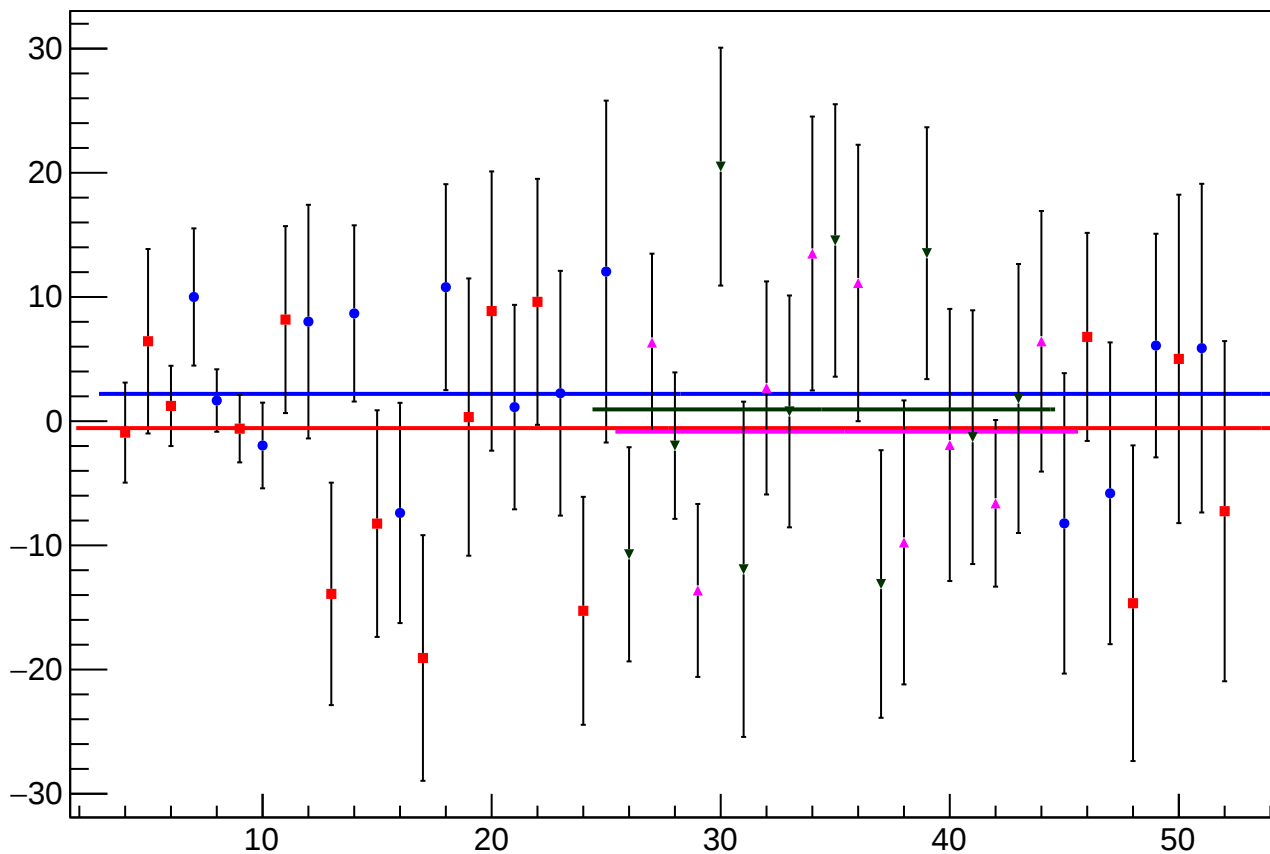
Right Out: 1706.124 ± 0.420 χ^2/NDF : 466466.8/15

Left In: 1569.664 ± 0.471 χ^2/NDF : 160150.1/8

1672.975 ± 0.317 χ^2/NDF : 740080.5/23

1645.639 ± 0.314 χ^2/NDF : 673307.1/24

diff_bpm4aY_mean vs slug



Right In: 2.198 ± 1.591 χ^2/NDF : 8.9/13

Left Out: 0.949 ± 2.951 χ^2/NDF : 12.0/9

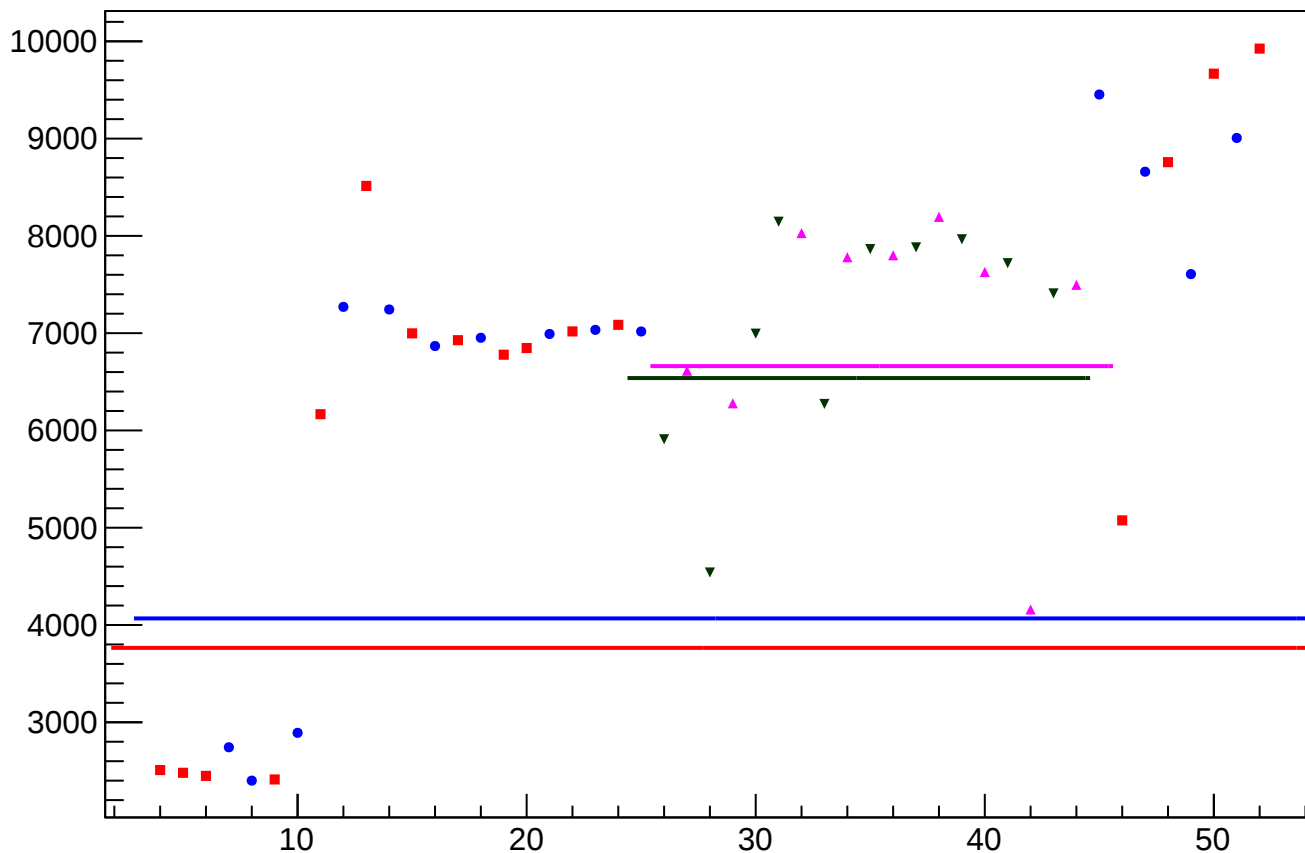
1.917 ± 1.400 χ^2/NDF : 21.0/23

Right Out: -0.558 ± 1.520 χ^2/NDF : 15.7/15

-0.620 ± 1.348 χ^2/NDF : 25.0/24

Left In: -0.846 ± 2.920 χ^2/NDF : 9.2/8

diff_bpm4aY_rms vs slug



Right In: 4067.732 $\pm$ 1.125 χ^2 /NDF: 4095919.2/13

Left Out: 6538.498 $\pm$ 2.087 χ^2 /NDF:414494.7/9

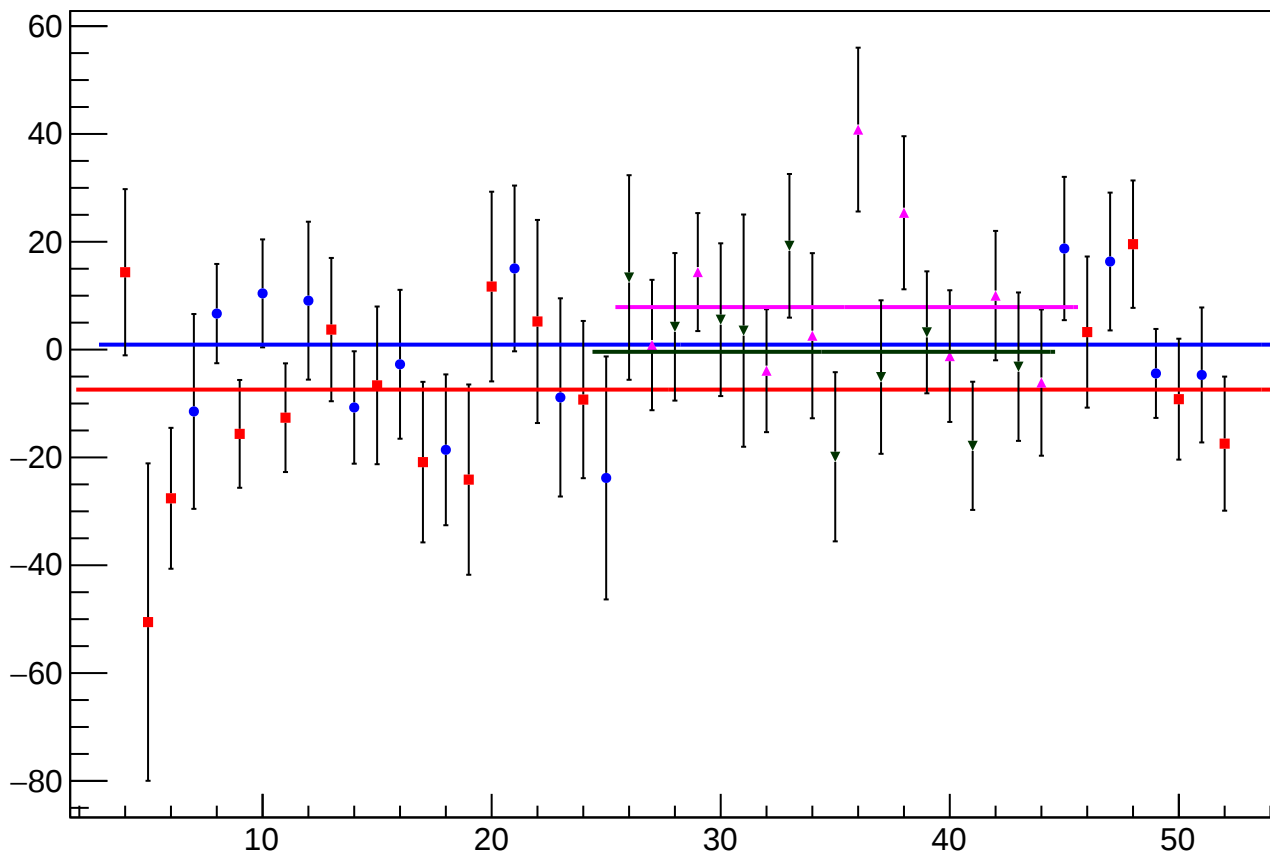
4623.929 $\pm$ 0.990 χ^2 /NDF: 5596826.3/23

Right Out: 3764.883 $\pm$ 1.075 χ^2 /NDF: 4238102.2/15

4382.411 $\pm$ 0.953 χ^2 /NDF: 6227633.3/24

Left In: 6661.262 $\pm$ 2.064 χ^2 /NDF:440852.9/8

diff_bpm4eX_mean vs slug



Right In: 0.921 ± 3.314 $\chi^2/\text{NDF}: 11.5/13$

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

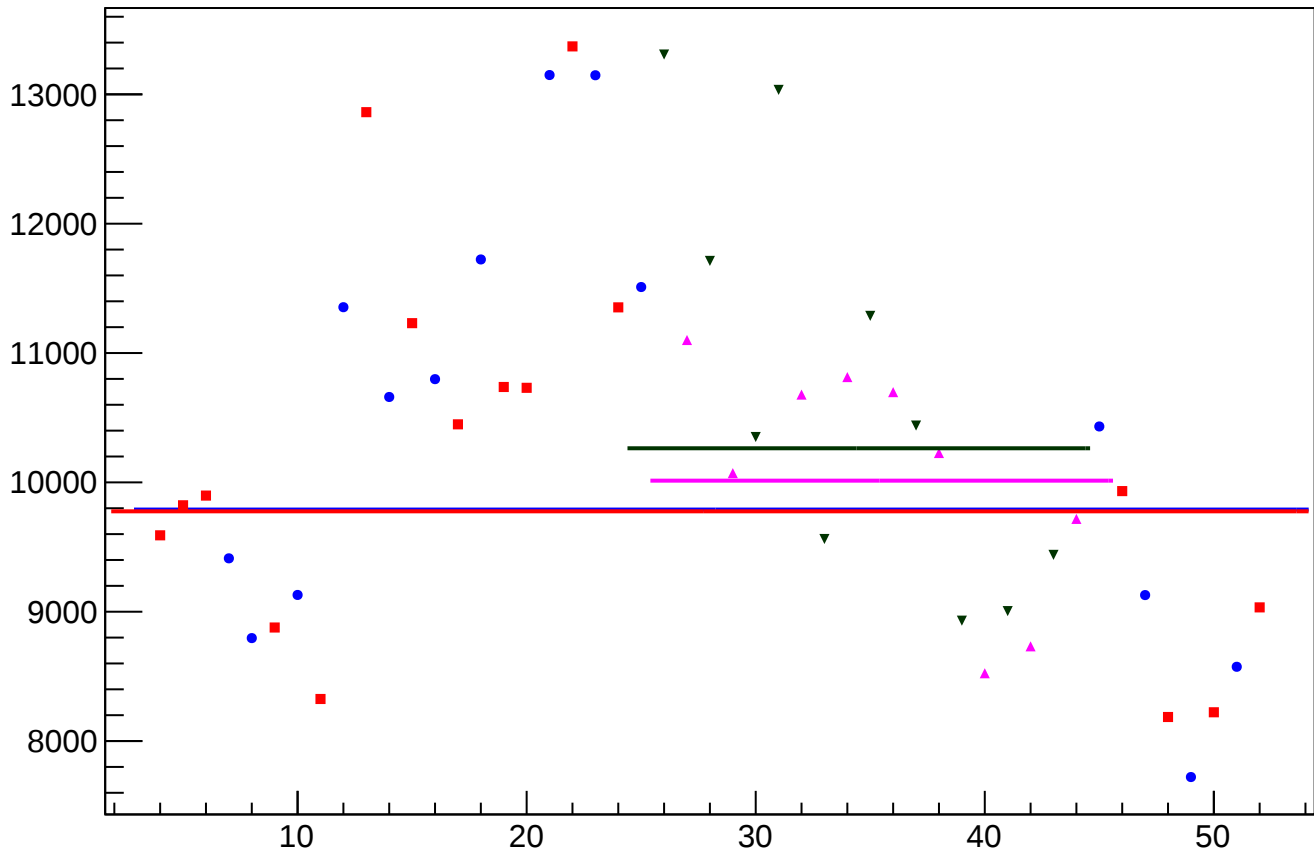
Right Out: -7.418 ± 3.399 $\chi^2/\text{NDF}: 18.0/15$

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

0.450 ± 2.662 $\chi^2/\text{NDF}: 18.6/23$

-1.438 ± 2.653 $\chi^2/\text{NDF}: 35.7/24$

diff_bpm4eX_rms vs slug



Right In: 9789.849+/-2.343 χ^2/NDF : 446921.9/13

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

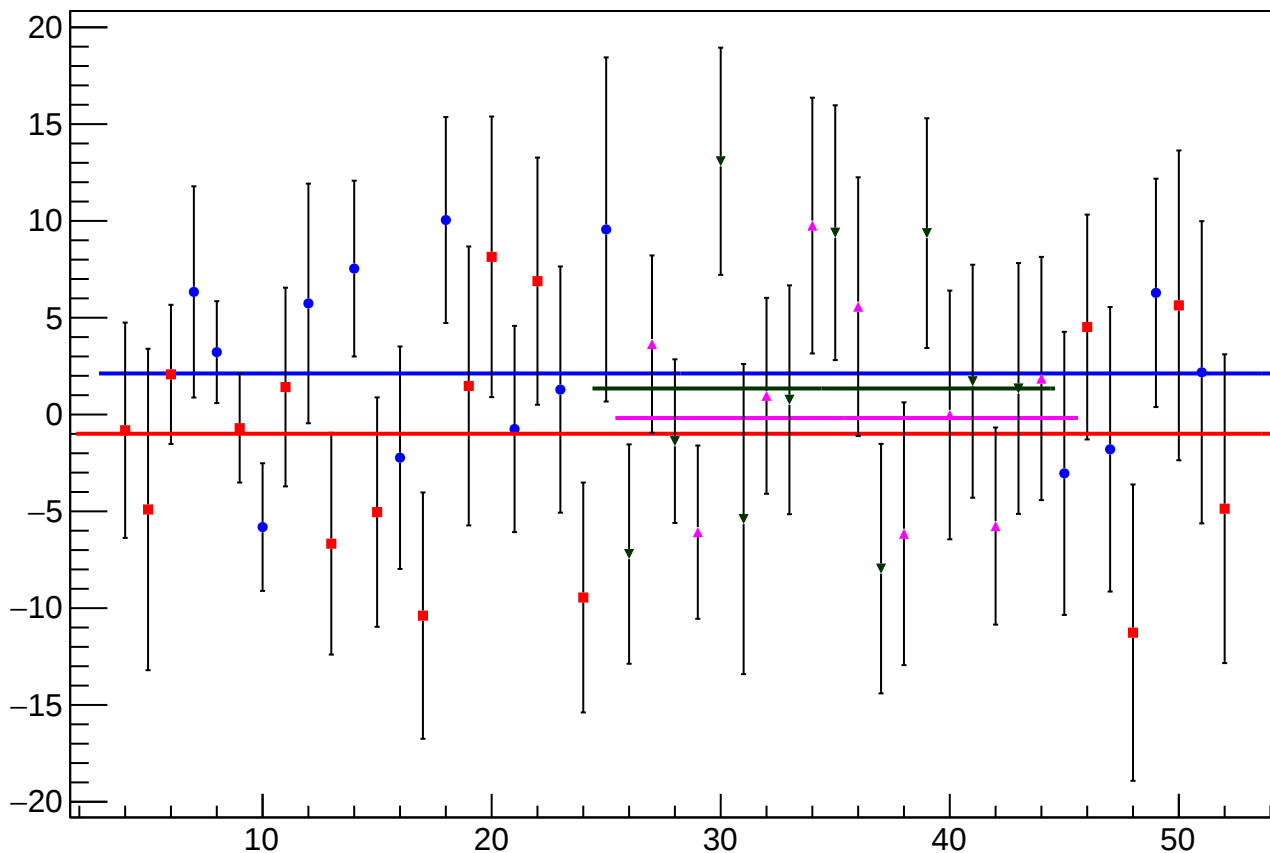
Right Out: 9776.175+/-2.404 χ^2/NDF : 379799.0/15

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

9957.904+/-1.882 χ^2/NDF : 640221.9/23

9868.855+/-1.876 χ^2/NDF : 470092.0/24

diff_bpm4eY_mean vs slug



Right In: 2.122 ± 1.330 $\chi^2/\text{NDF}: 13.4/13$

Left Out: 1.346 ± 1.865 $\chi^2/\text{NDF}: 12.8/9$

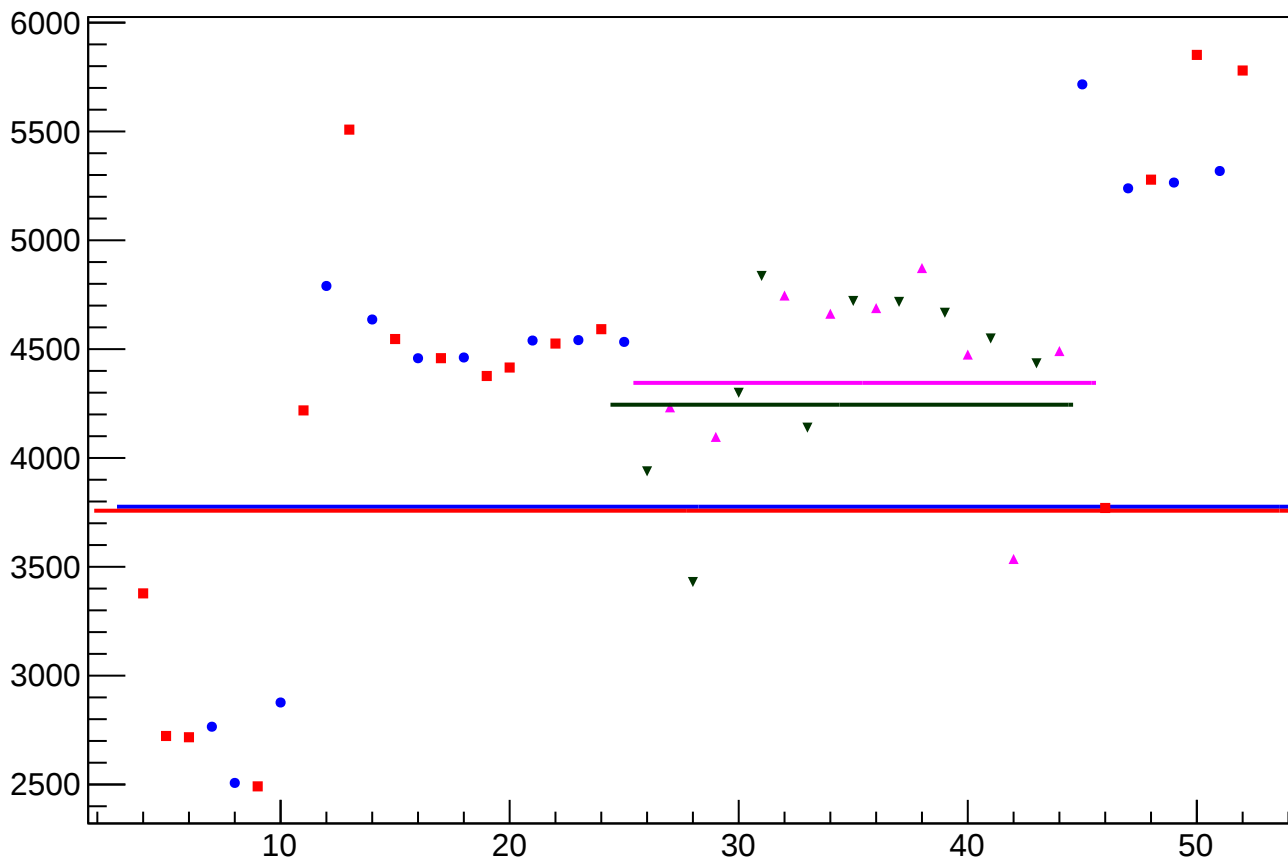
Right Out: -0.992 ± 1.358 $\chi^2/\text{NDF}: 13.7/15$

Left In: -0.180 ± 1.851 $\chi^2/\text{NDF}: 7.6/8$

1.860 ± 1.083 $\chi^2/\text{NDF}: 26.4/23$

-0.708 ± 1.095 $\chi^2/\text{NDF}: 21.4/24$

diff_bpm4eY_rms vs slug



Right In: 3776.032 $\pm$ 0.940 χ^2 /NDF: 1380305.9/13

Left Out: 4244.655 $\pm$ 1.319 χ^2 /NDF:130015.1/9

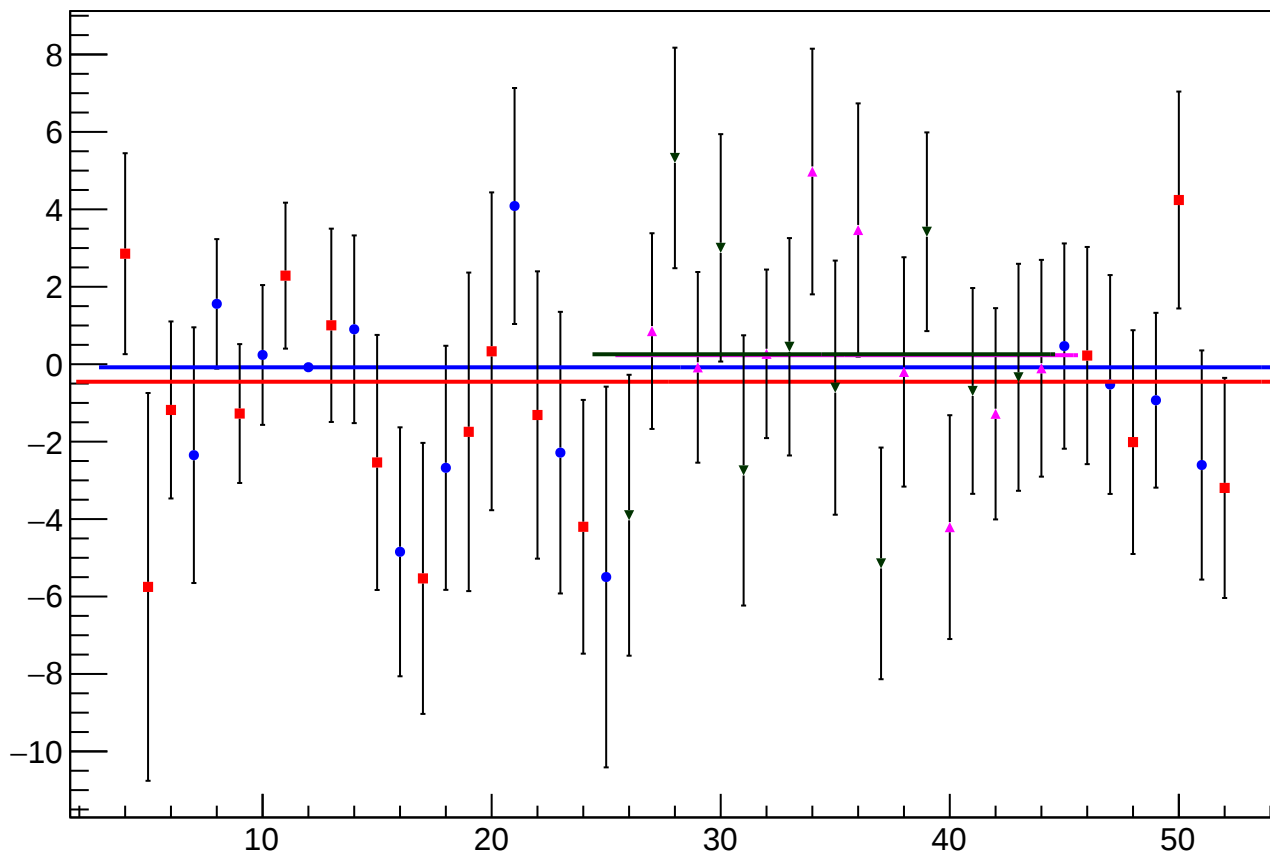
Right Out: 3757.762 $\pm$ 0.960 χ^2 /NDF: 1321815.4/15

Left In: 4345.018 $\pm$ 1.309 χ^2 /NDF:94341.4/8

3933.932 $\pm$ 0.766 χ^2 /NDF: 1594018.4/23

3963.308 $\pm$ 0.774 χ^2 /NDF: 1547024.7/24

diff_bpm4acX_mean vs slug



Right In: -0.080 ± 0.060 $\chi^2/\text{NDF}: 8.9/13$

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

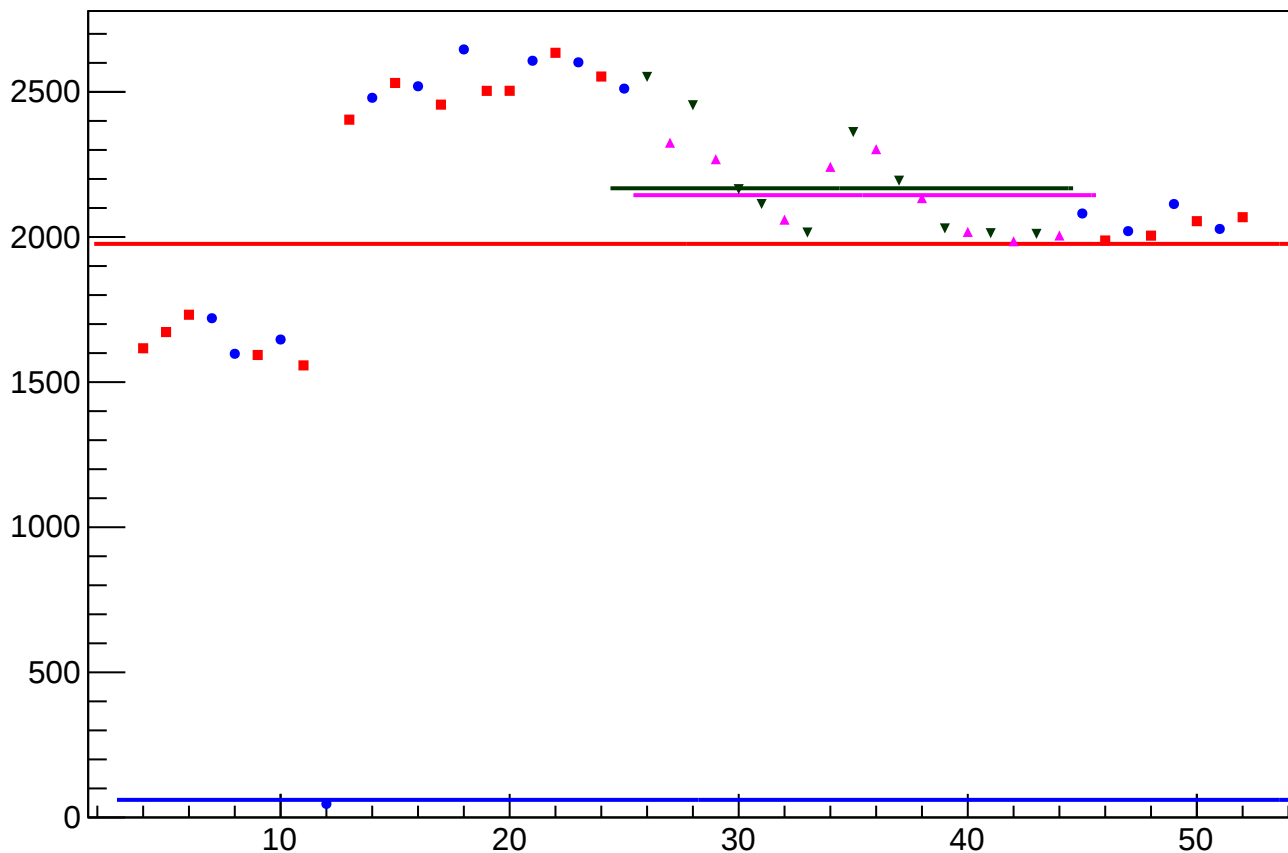
Right Out: -0.453 ± 0.692 $\chi^2/\text{NDF}: 13.6/15$

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

-0.078 ± 0.060 $\chi^2/\text{NDF}: 20.1/23$

-0.200 ± 0.550 $\chi^2/\text{NDF}: 20.0/24$

diff_bpm4acX_rms vs slug



Right In: 60.628+/-0.043 χ^2 /NDF: 15884015.0/13

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

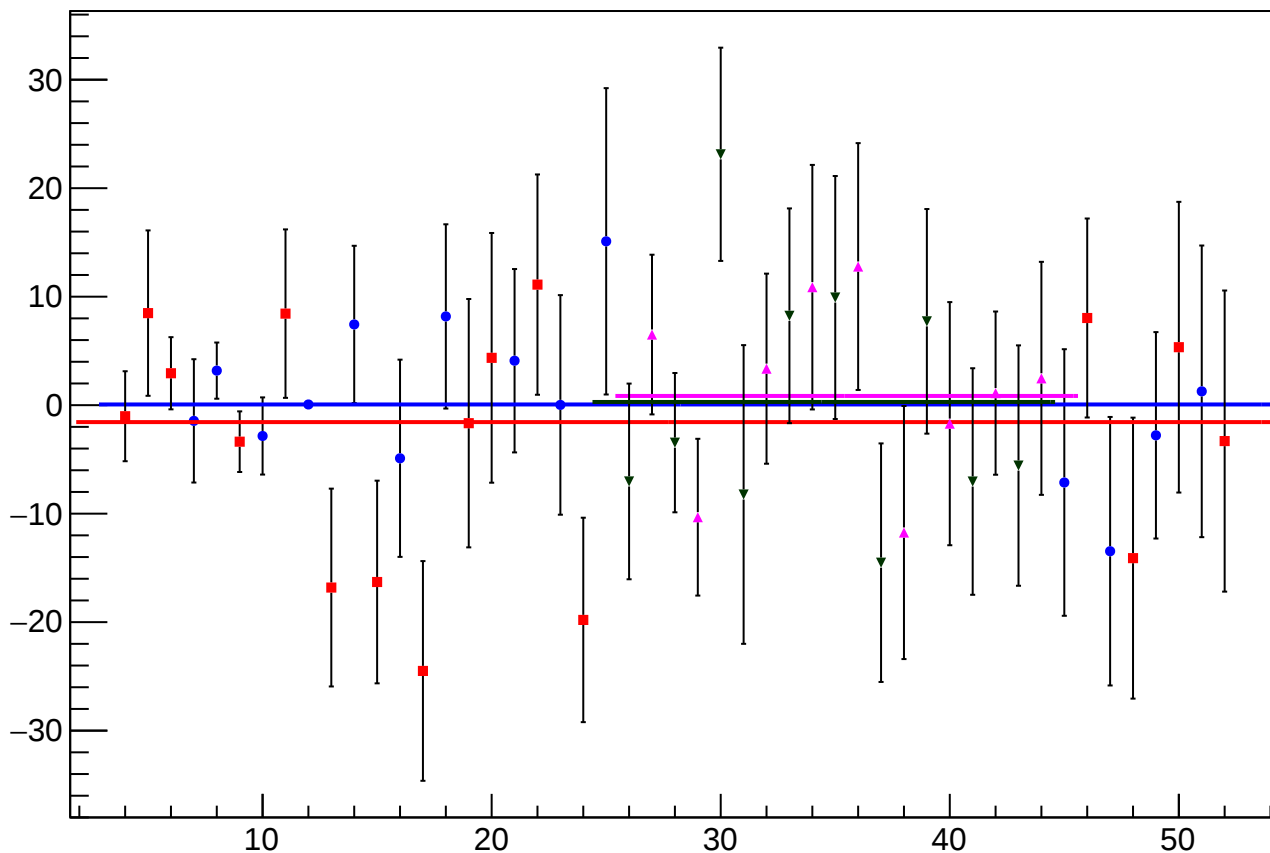
Right Out: 1976.352+/-0.489 χ^2 /NDF: 606137.7/15

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

69.261+/-0.042 χ^2 /NDF: 26029258.1/23

2038.295+/-0.389 χ^2 /NDF: 690040.3/24

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 $\chi^2/\text{NDF}: 7.4/13$

Left Out: 0.294 ± 3.082 $\chi^2/\text{NDF}: 11.3/9$

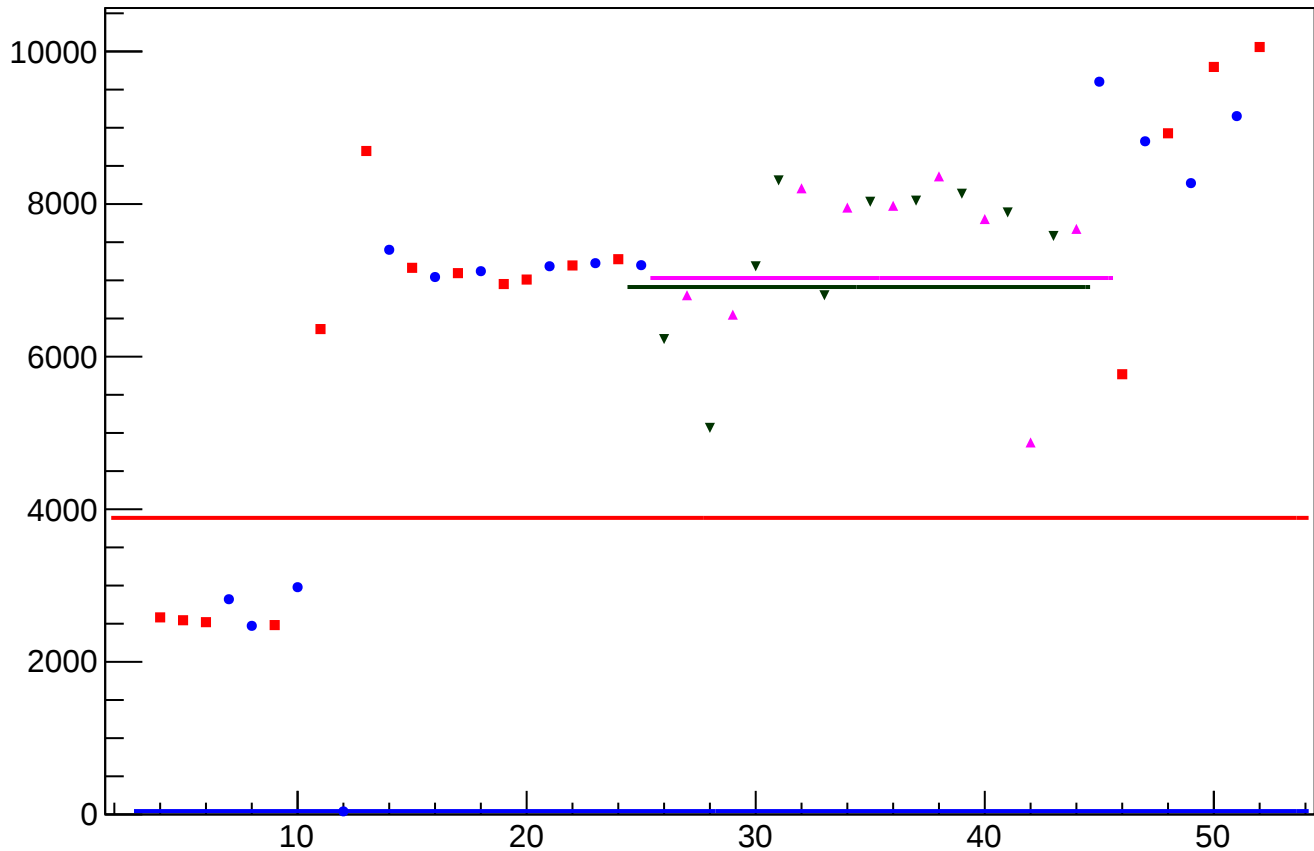
Right Out: -1.561 ± 1.565 $\chi^2/\text{NDF}: 24.0/15$

Left In: 0.850 ± 3.044 $\chi^2/\text{NDF}: 6.2/8$

0.065 ± 0.052 $\chi^2/\text{NDF}: 18.7/23$

-1.057 ± 1.392 $\chi^2/\text{NDF}: 30.7/24$

diff_bpm4acY_rms vs slug



Right In: 44.343+/-0.037 χ^2/NDF : 15822865.9/13

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

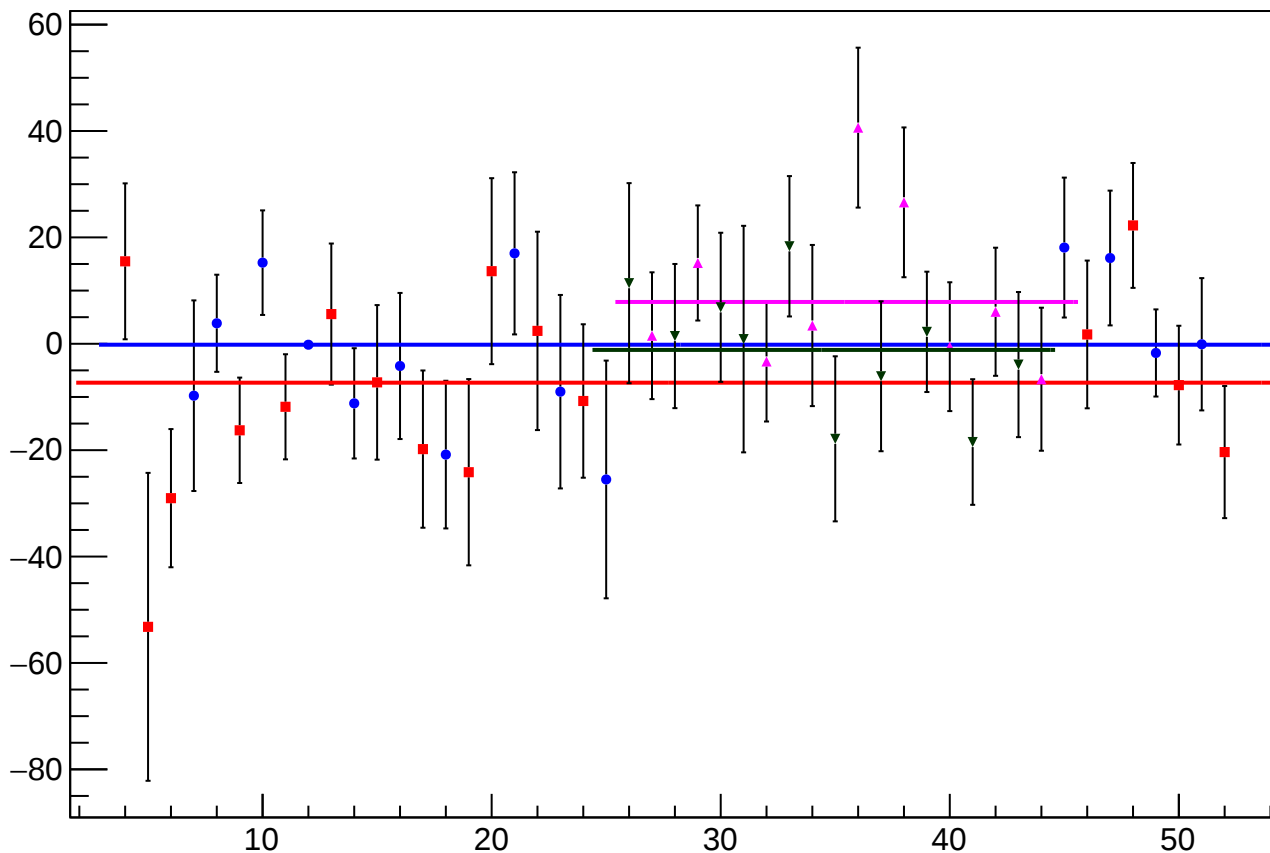
46.305+/-0.037 χ^2/NDF : 26047116.7/23

Right Out: 3887.013+/-1.106 χ^2/NDF : 4243333.8/15

4544.008+/-0.984 χ^2/NDF : 6211273.2/24

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

diff_bpm4ecX_mean vs slug



Right In: -0.176 ± 0.106 $\chi^2/\text{NDF}: 12.8/13$

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

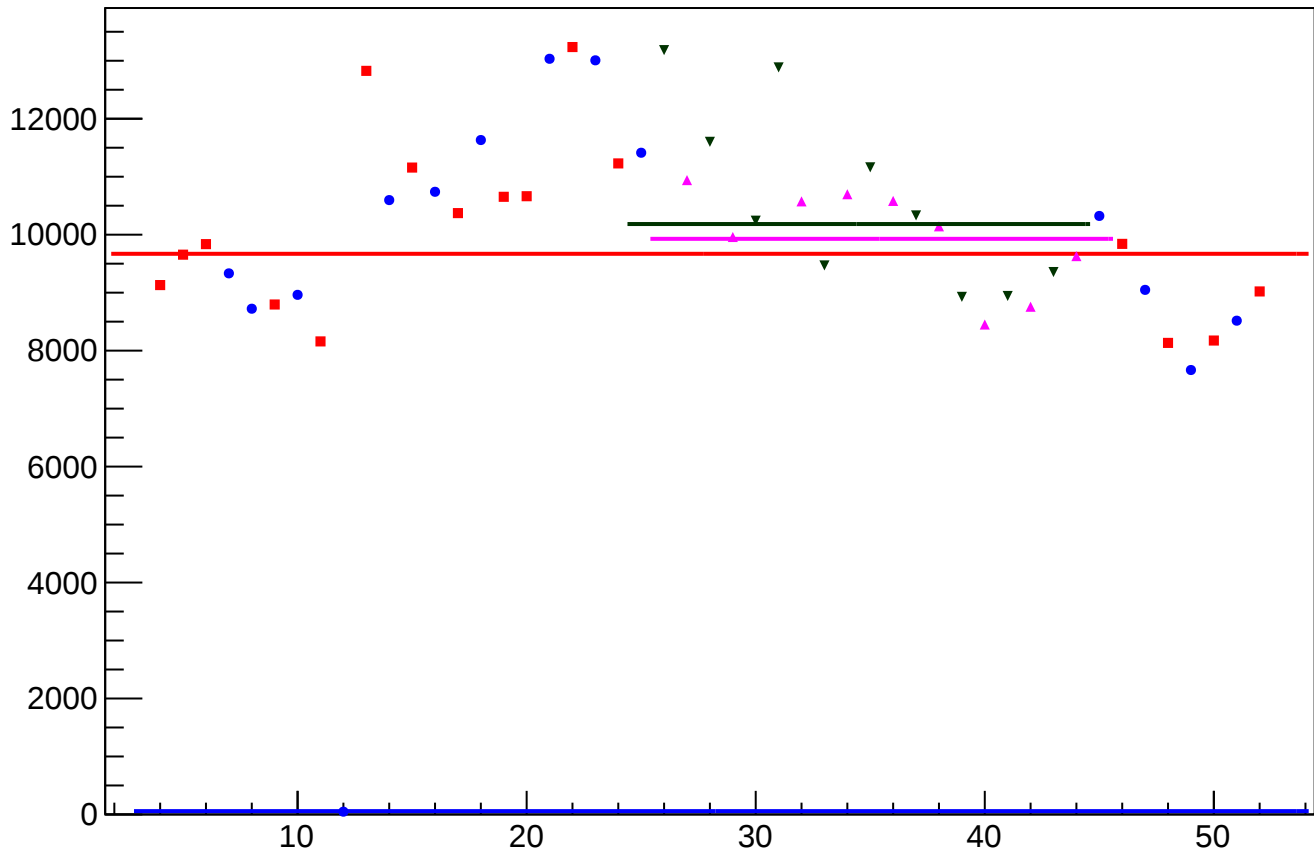
Right Out: -7.314 ± 3.364 $\chi^2/\text{NDF}: 21.0/15$

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

-0.176 ± 0.106 $\chi^2/\text{NDF}: 19.4/23$

-1.396 ± 2.627 $\chi^2/\text{NDF}: 38.9/24$

diff_bpm4ecX_rms vs slug



Right In: 57.574+/-0.075 χ^2/NDF : 16522993.1/13

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

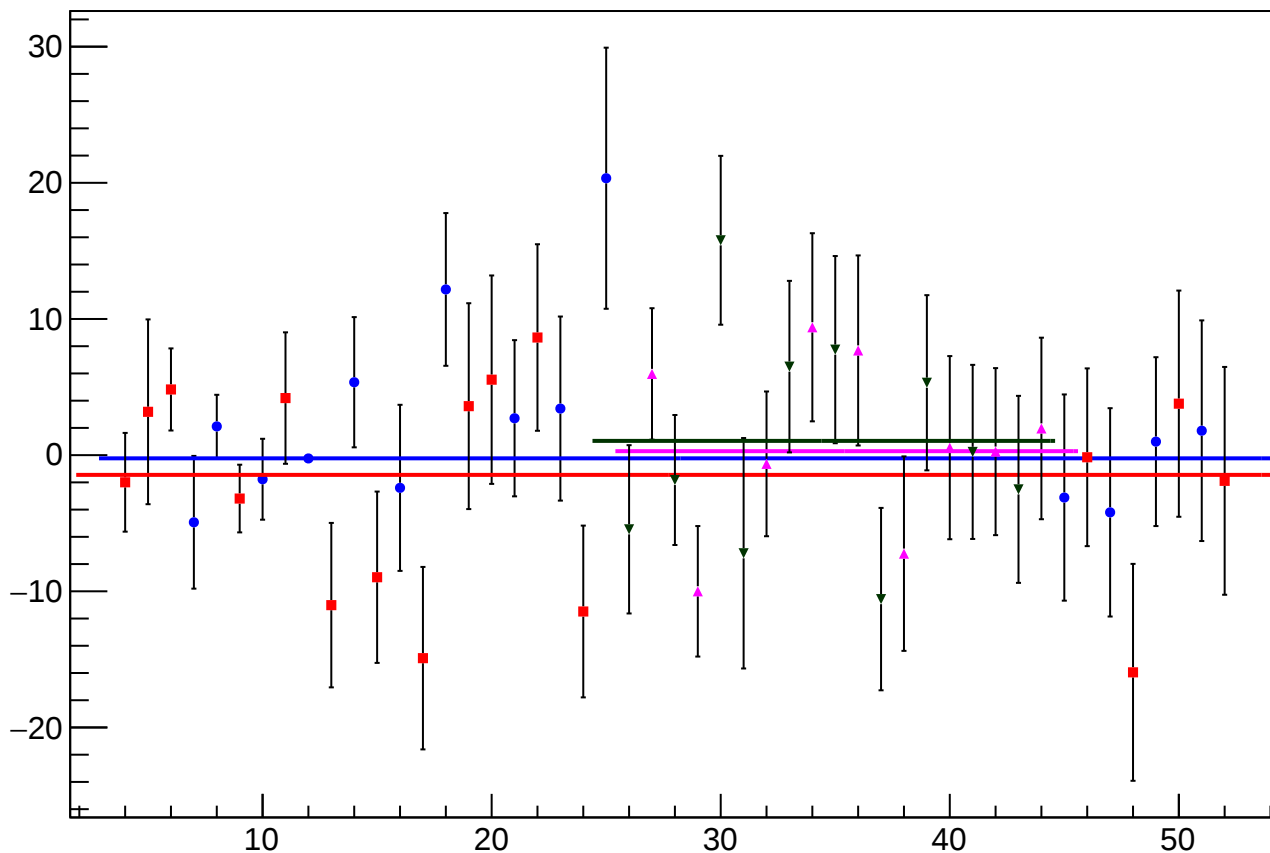
Right Out: 9670.206+/-2.379 χ^2/NDF : 389343.6/15

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

63.413+/-0.075 χ^2/NDF : 27121797.1/23

9770.932+/-1.858 χ^2/NDF : 474065.9/24

diff_bpm4ecY_mean vs slug



Right In: -0.235 ± 0.090 χ^2/NDF : 14.3/13

Left Out: 1.047 ± 2.006 χ^2/NDF : 13.5/9

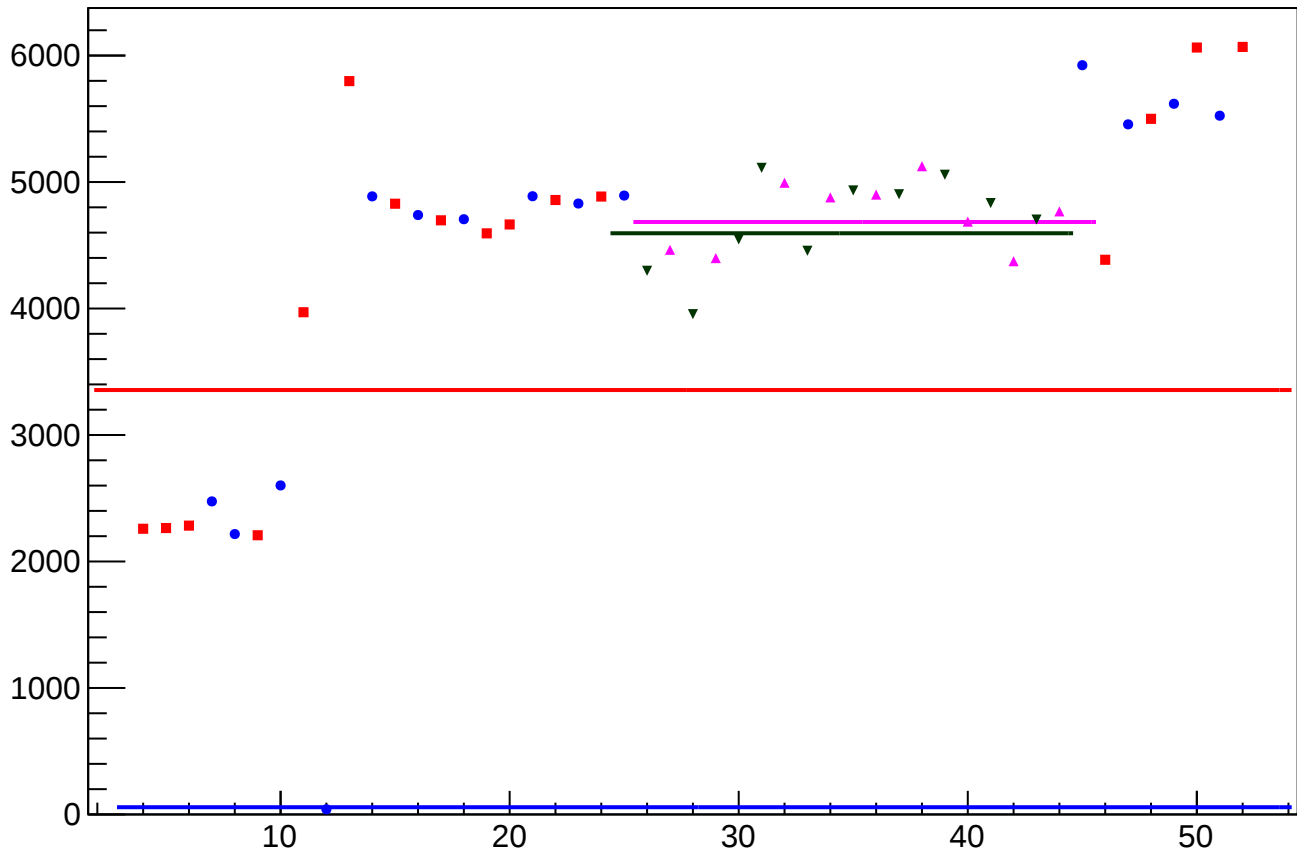
Right Out: -1.450 ± 1.253 χ^2/NDF : 24.4/15

Left In: 0.291 ± 1.984 χ^2/NDF : 10.1/8

-0.232 ± 0.090 χ^2/NDF : 28.2/23

-0.953 ± 1.060 χ^2/NDF : 35.0/24

diff_bpm4ecY_rms vs slug



Right In: 57.226+/-0.064 χ^2 /NDF: 15987993.8/13

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

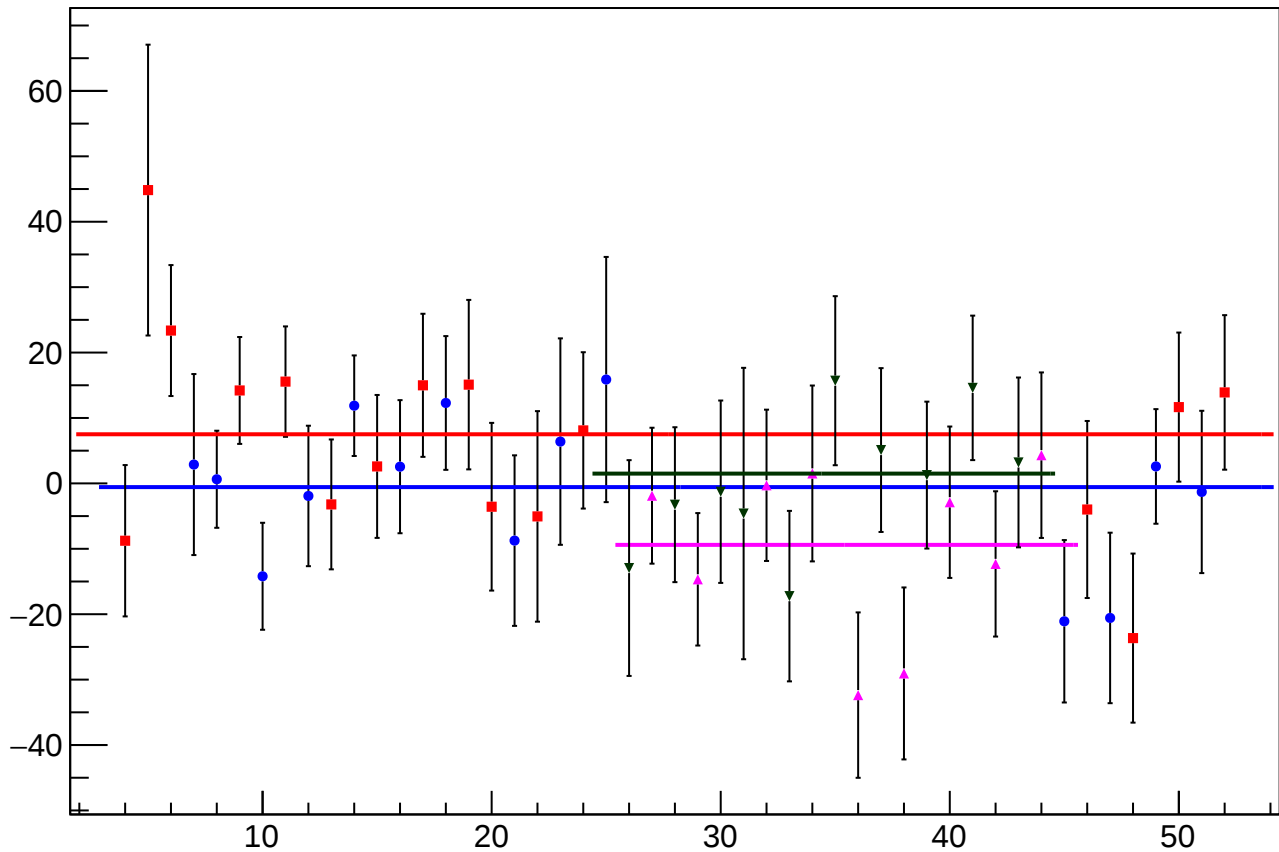
66.333+/-0.064 χ^2 /NDF: 26274221.7/23

Right Out: 3355.499+/-0.886 χ^2 /NDF: 2407457.0/15

3734.586+/-0.749 χ^2 /NDF: 3083337.4/24

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

diff_bpm1X_mean vs slug



Right In: -0.568 ± 2.797 χ^2/NDF : 13.8/13

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

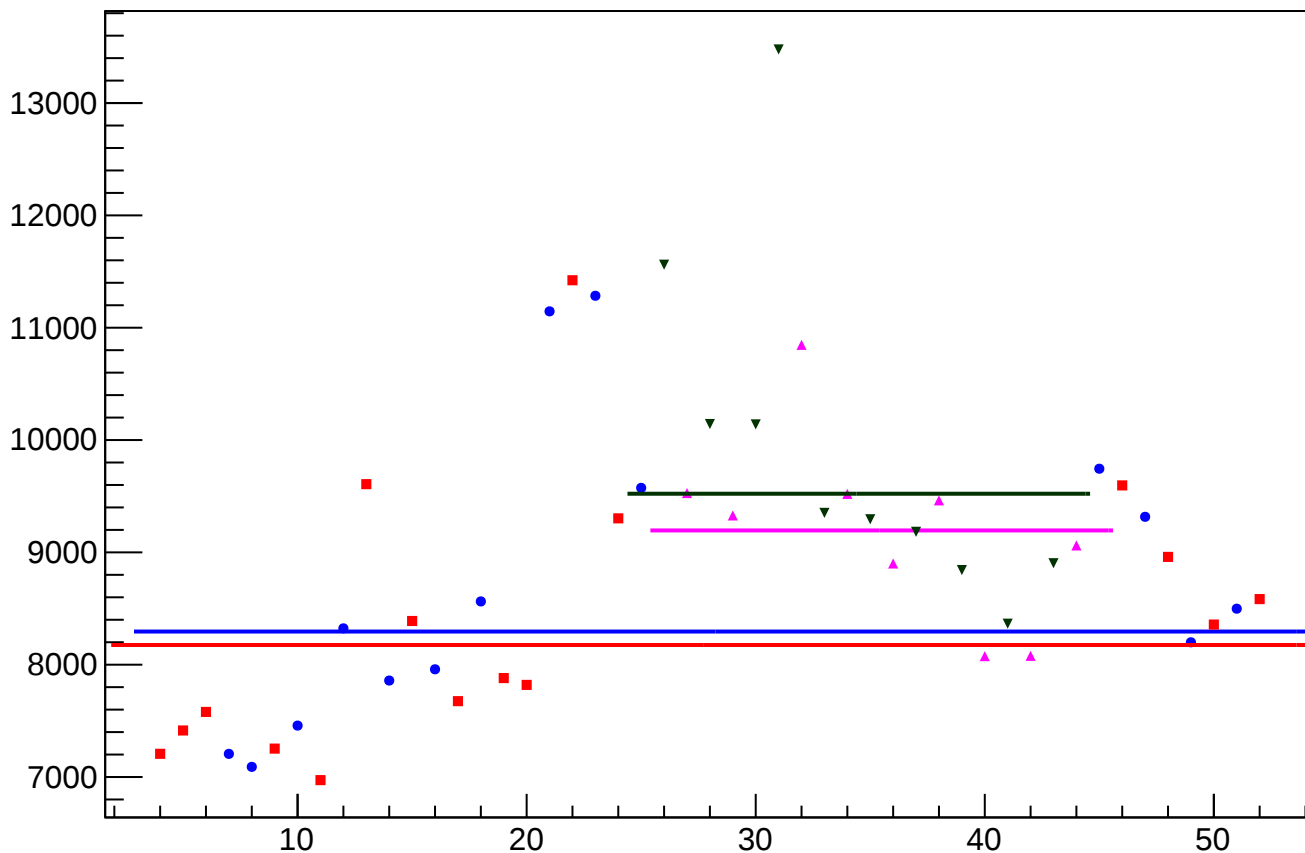
Right Out: 7.509 ± 2.833 χ^2/NDF : 19.4/15

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

0.078 ± 2.318 χ^2/NDF : 19.8/23

1.660 ± 2.291 χ^2/NDF : 40.9/24

diff_bpm1X_rms vs slug



Right In: 8295.199+/-1.978 χ^2/NDF : 313101.7/13

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

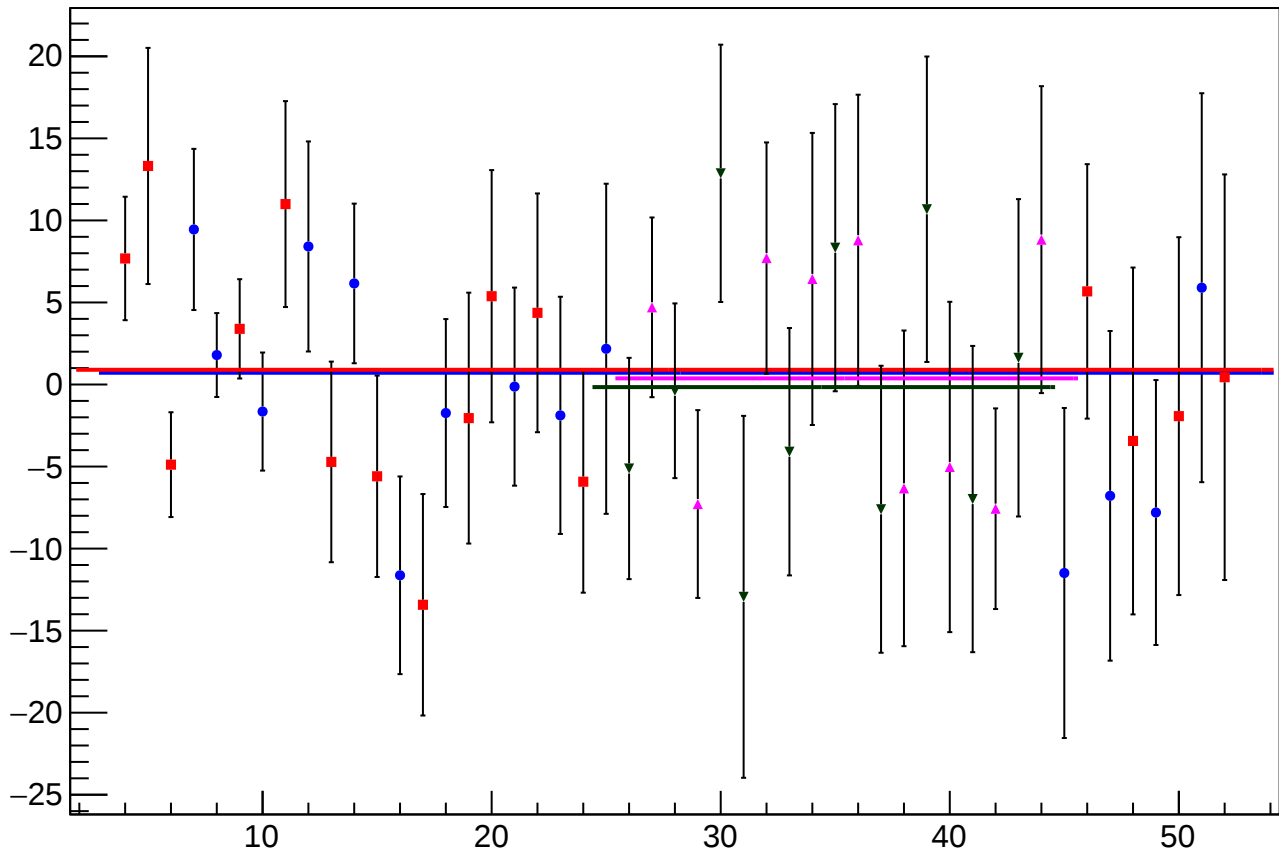
Right Out: 8175.350+/-2.003 χ^2/NDF : 270234.7/15

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

8679.445+/-1.639 χ^2/NDF : 572886.4/23

8528.154+/-1.620 χ^2/NDF : 445350.0/24

diff_bpm1Y_mean vs slug



Right In: 0.716 ± 1.421 $\chi^2/\text{NDF}: 14.4/13$

Left Out: -0.158 ± 2.506 $\chi^2/\text{NDF}: 8.5/9$

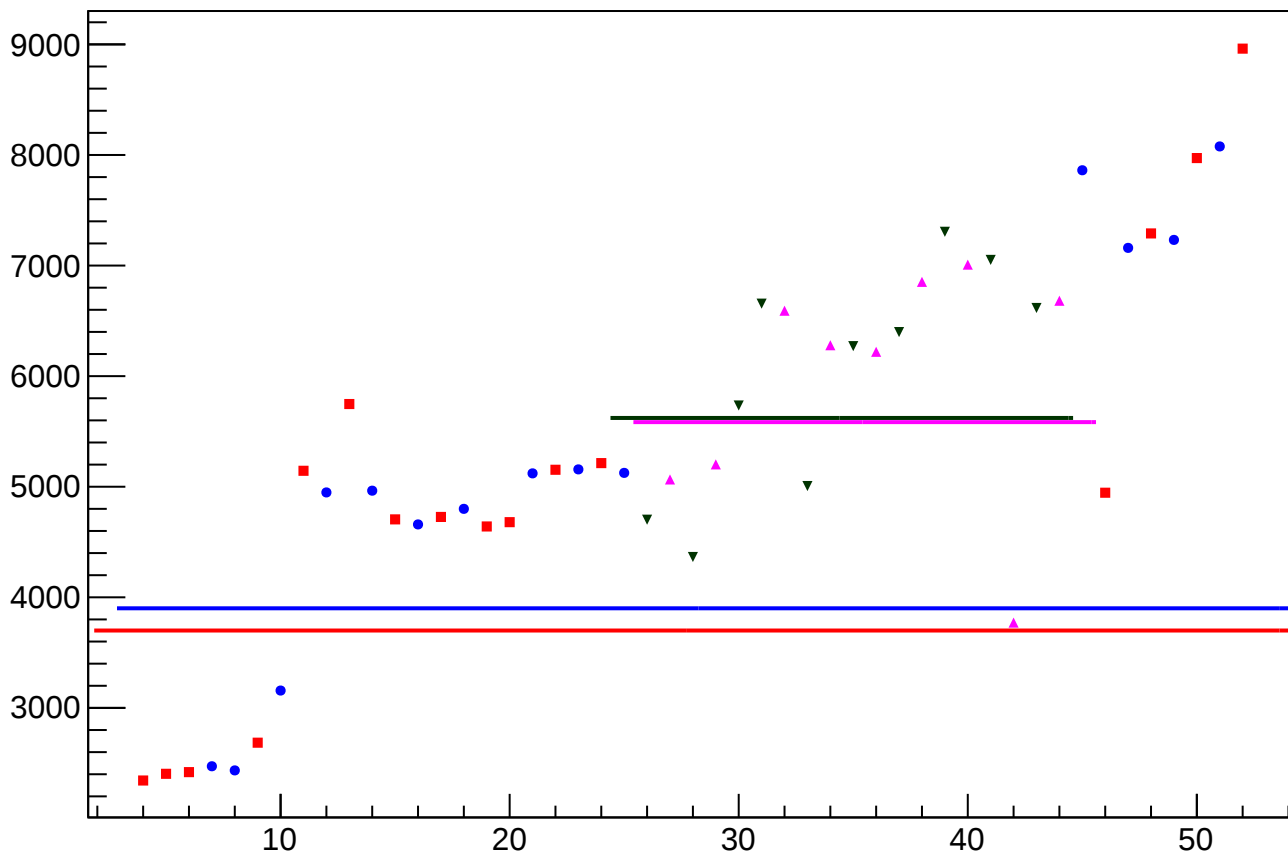
Right Out: 0.897 ± 1.396 $\chi^2/\text{NDF}: 21.6/15$

Left In: 0.374 ± 2.438 $\chi^2/\text{NDF}: 8.1/8$

0.504 ± 1.236 $\chi^2/\text{NDF}: 23.0/23$

0.768 ± 1.211 $\chi^2/\text{NDF}: 29.8/24$

diff_bpm1Y_rms vs slug



Right In: 3900.610 $\pm$ 1.005 χ^2 /NDF: 2423784.9/13

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

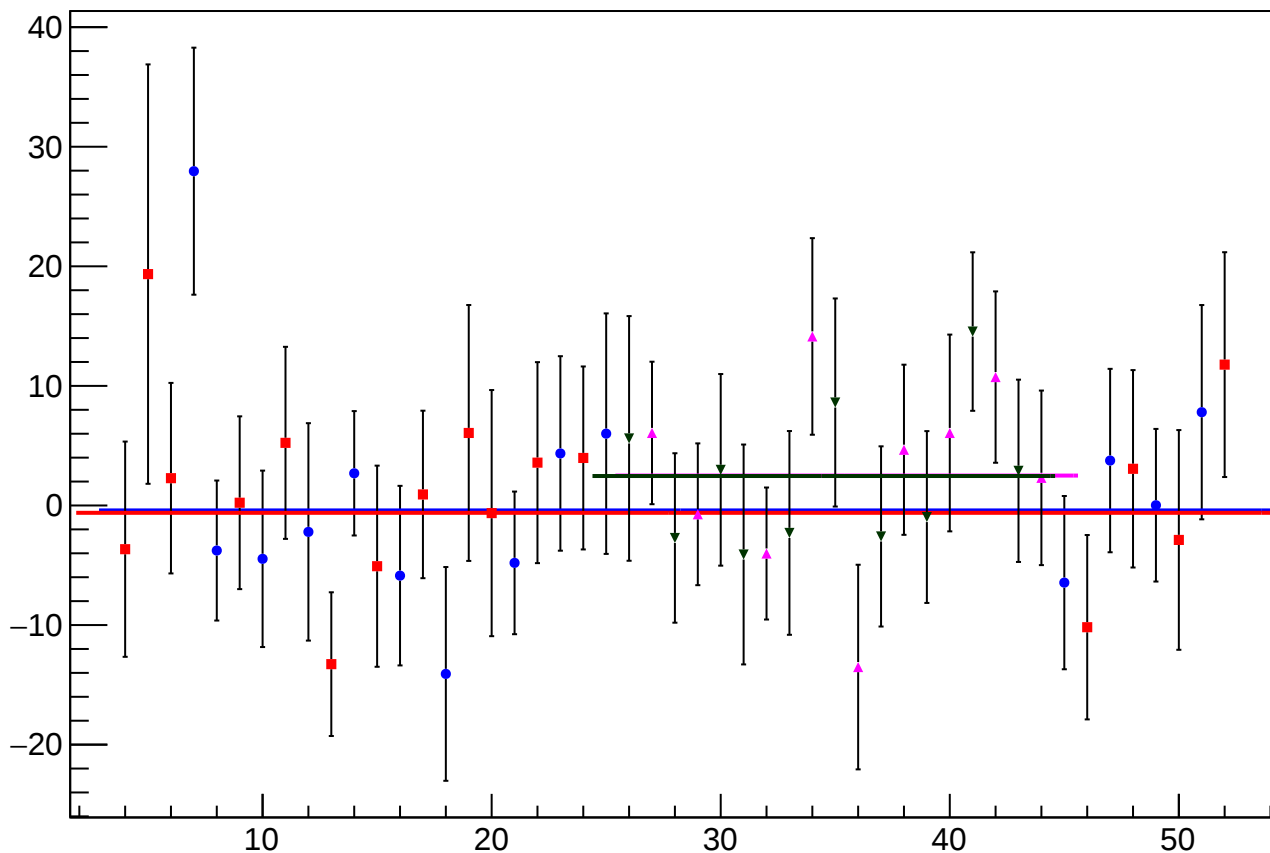
4319.472 $\pm$ 0.874 χ^2 /NDF: 3478130.4/23

Right Out: 3699.743 $\pm$ 0.987 χ^2 /NDF: 2496687.8/15

4164.864 $\pm$ 0.857 χ^2 /NDF: 3764936.5/24

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

diff_bpm11X_mean vs slug



Right In: -0.414 ± 1.952 $\chi^2/\text{NDF}: 14.6/13$

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

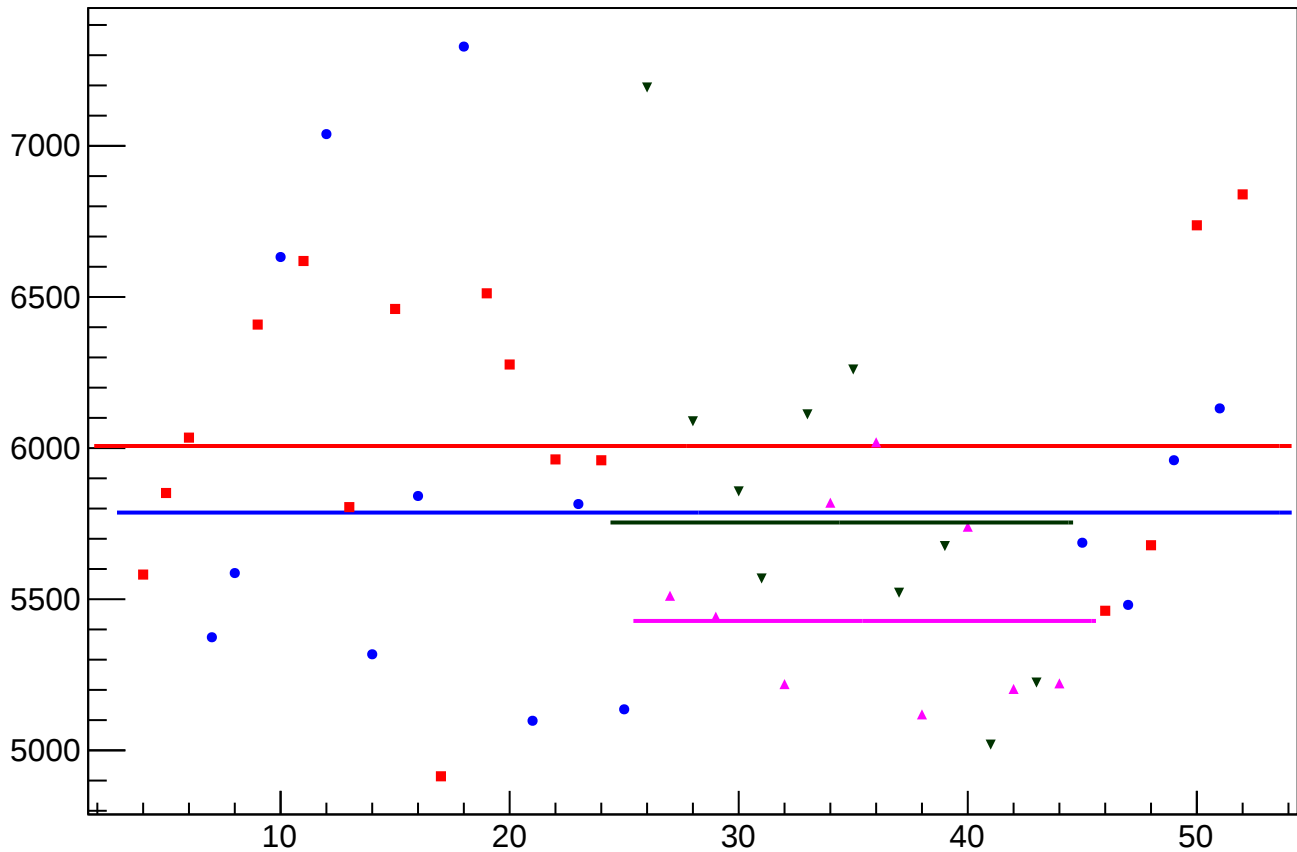
Right Out: -0.614 ± 2.075 $\chi^2/\text{NDF}: 11.4/15$

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

0.679 ± 1.537 $\chi^2/\text{NDF}: 21.3/23$

0.790 ± 1.538 $\chi^2/\text{NDF}: 21.6/24$

diff_bpm11X_rms vs slug



Right In: 5786.703 $\pm$ 1.380 χ^2 /NDF: 188685.0/13

Left Out: 5753.867 $\pm$ 1.763 χ^2 /NDF:91874.6/9

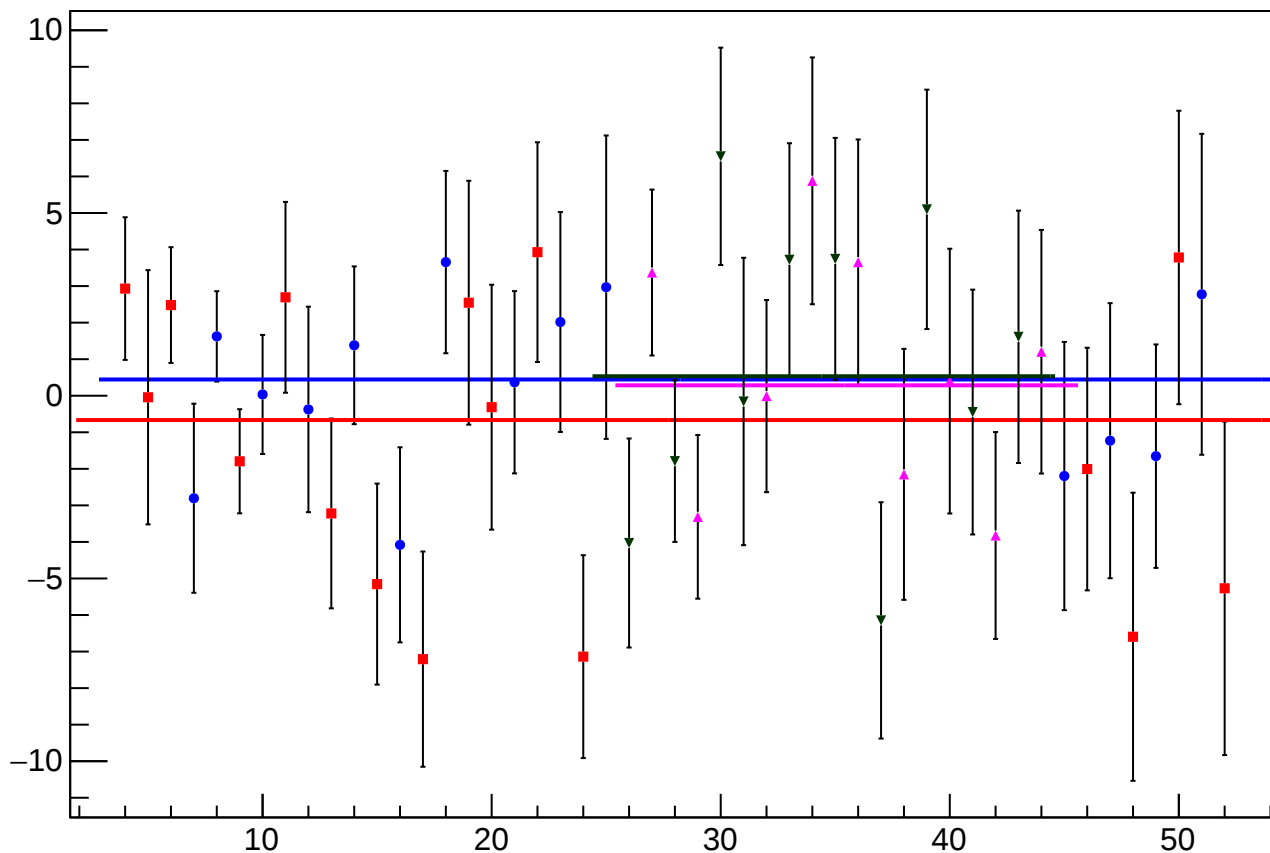
5774.226 $\pm$ 1.087 χ^2 /NDF: 280774.7/23

Right Out: 6006.968 $\pm$ 1.467 χ^2 /NDF: 126679.6/15

5746.030 $\pm$ 1.087 χ^2 /NDF: 224425.4/24

Left In: 5428.130 $\pm$ 1.619 χ^2 /NDF:27568.5/8

diff_bpm11Y_mean vs slug



Right In: 0.445 ± 0.638 χ^2/NDF : 9.5/13

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

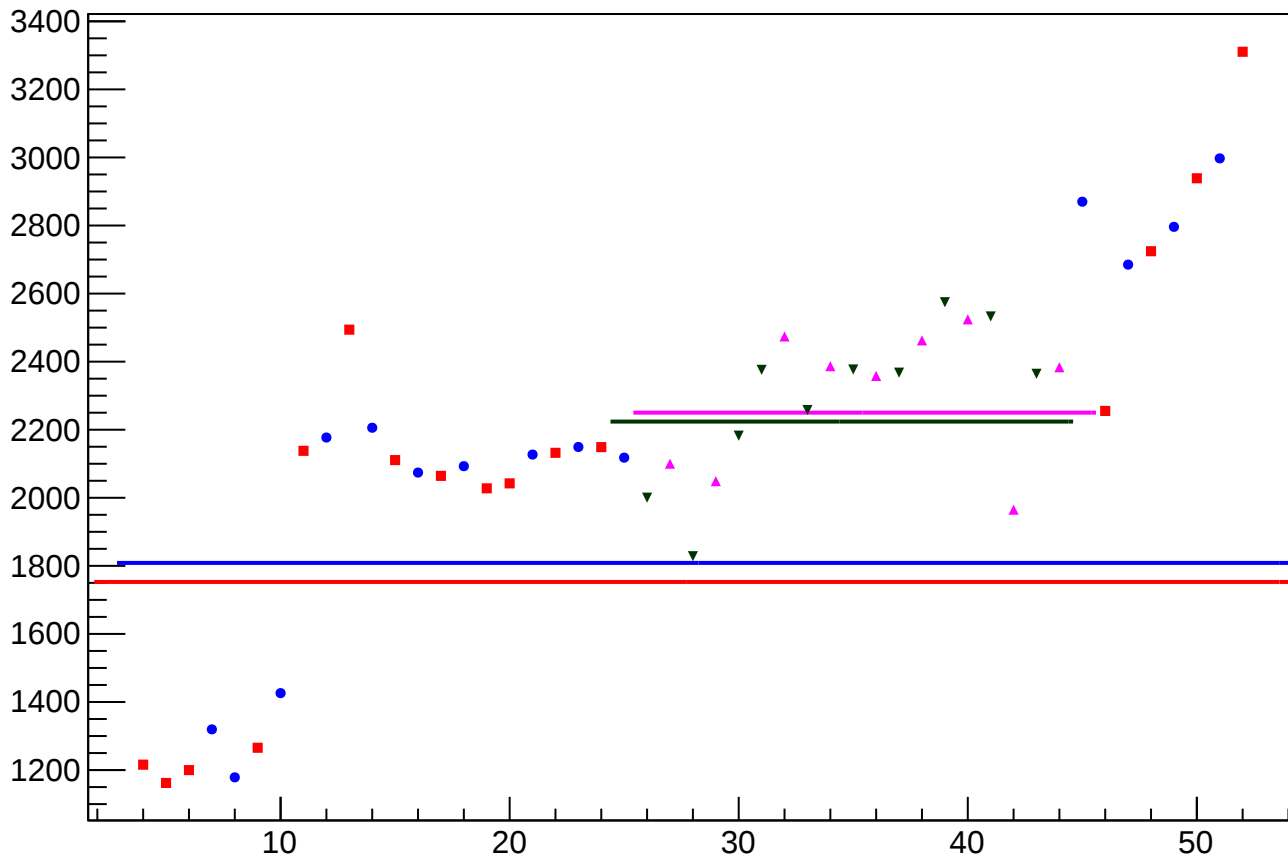
Right Out: -0.665 ± 0.637 χ^2/NDF : 31.6/15

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

0.471 ± 0.534 χ^2/NDF : 25.6/23

-0.374 ± 0.530 χ^2/NDF : 43.2/24

diff_bpm11Y_rms vs slug



Right In: 1808.681+/-0.451 χ^2/NDF : 1549610.5/13

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

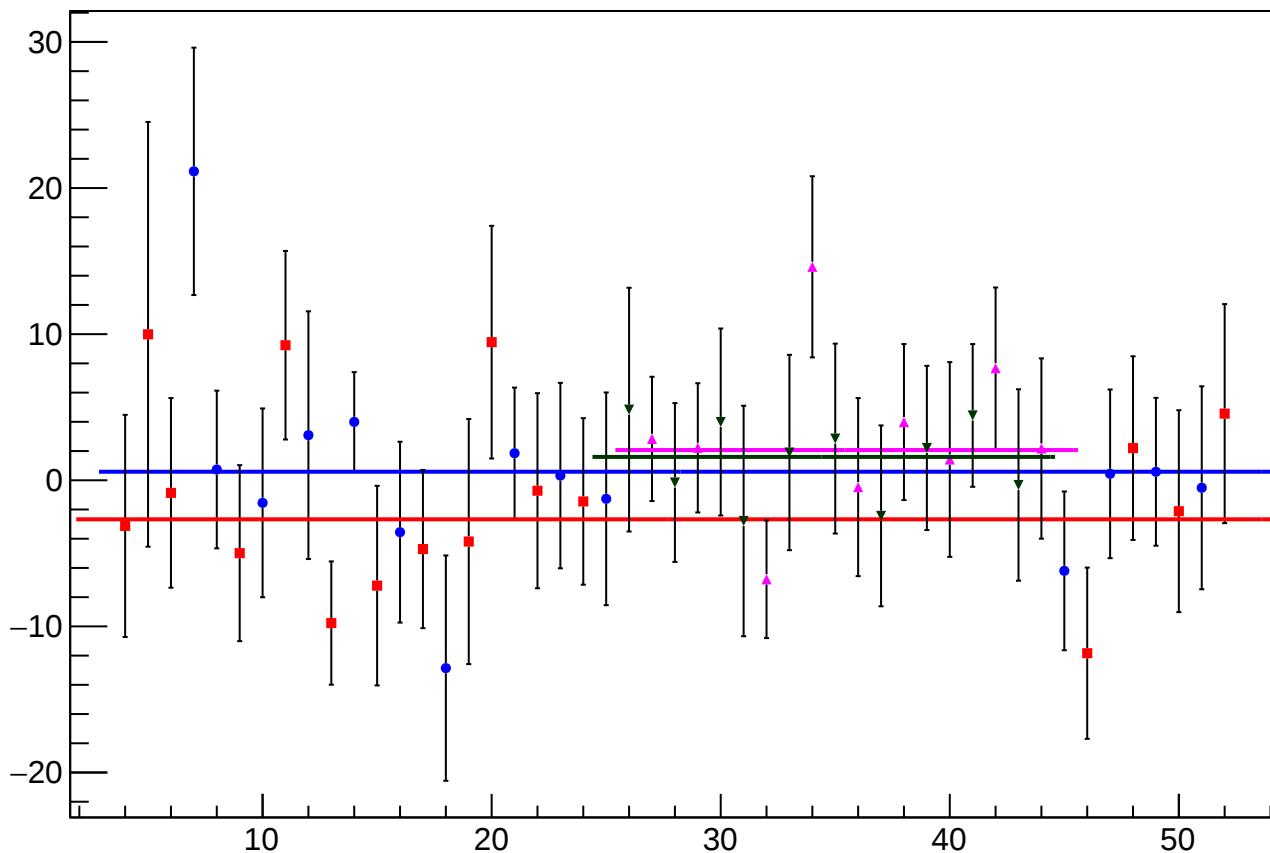
Right Out: 1752.711+/-0.451 χ^2/NDF : 1625505.6/15

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

1933.536+/-0.377 χ^2/NDF : 1935548.2/23

1905.347+/-0.375 χ^2/NDF : 2086938.8/24

diff_bpm12X_mean vs slug



Right In: 0.585 ± 1.521 χ^2/NDF : 12.3/13

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

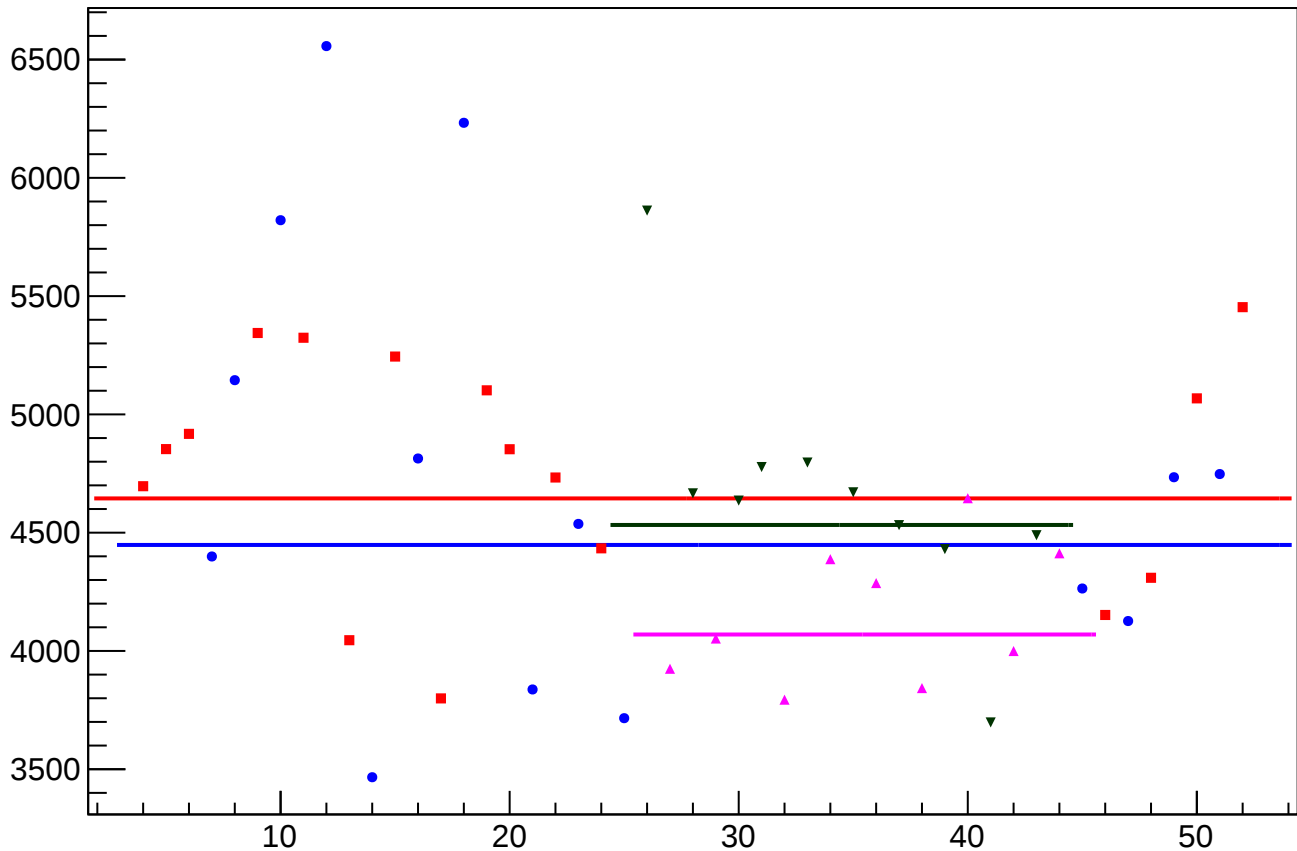
Right Out: -2.671 ± 1.611 χ^2/NDF : 14.3/15

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

0.963 ± 1.204 χ^2/NDF : 14.1/23

-0.457 ± 1.176 χ^2/NDF : 28.6/24

diff_bpm12X_rms vs slug



Right In: 4448.110+/-1.076 χ^2/NDF : 604012.8/13

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

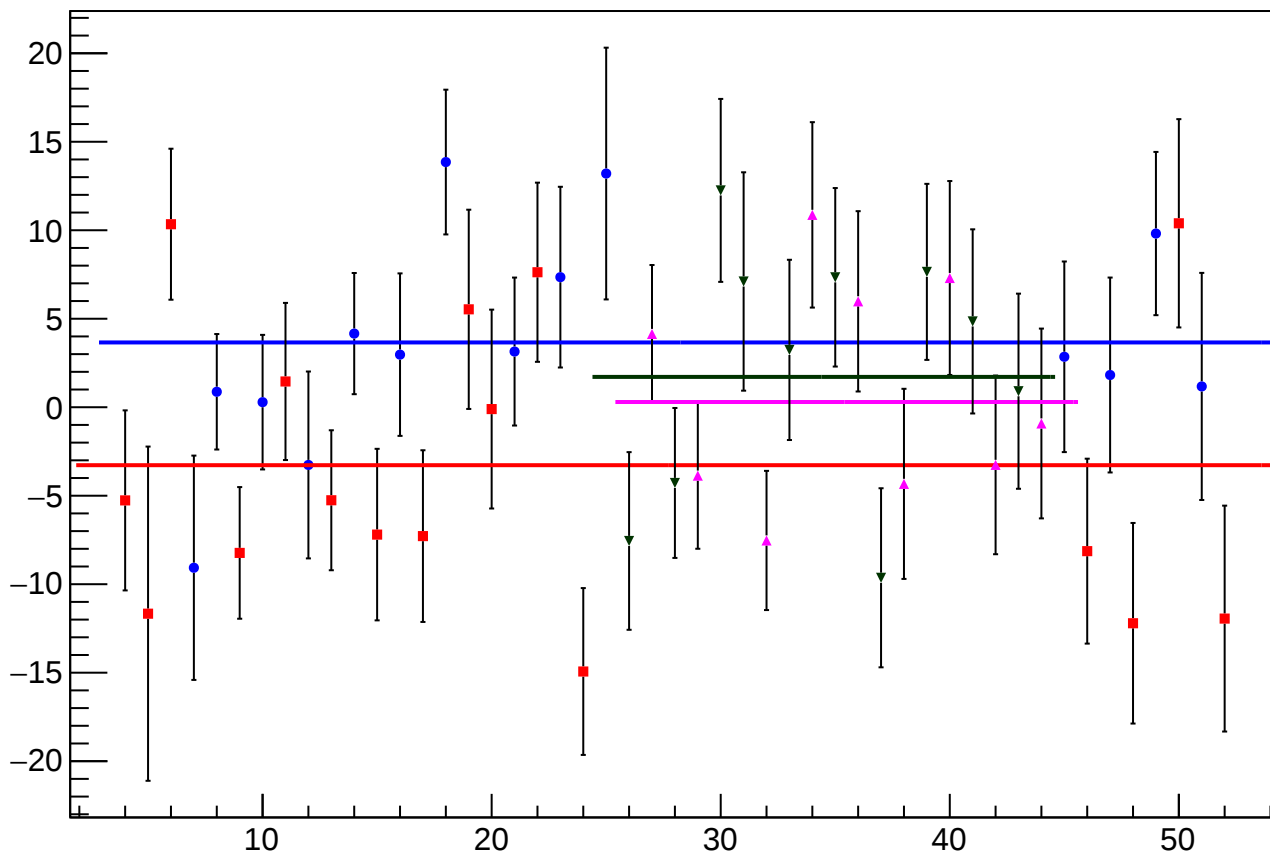
4479.674+/-0.851 χ^2/NDF : 723948.8/23

Right Out: 4644.795+/-1.139 χ^2/NDF : 218643.0/15

4376.092+/-0.831 χ^2/NDF : 382393.2/24

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

diff_bpm12Y_mean vs slug



Right In: 3.660 ± 1.221 $\chi^2/\text{NDF}: 17.9/13$

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

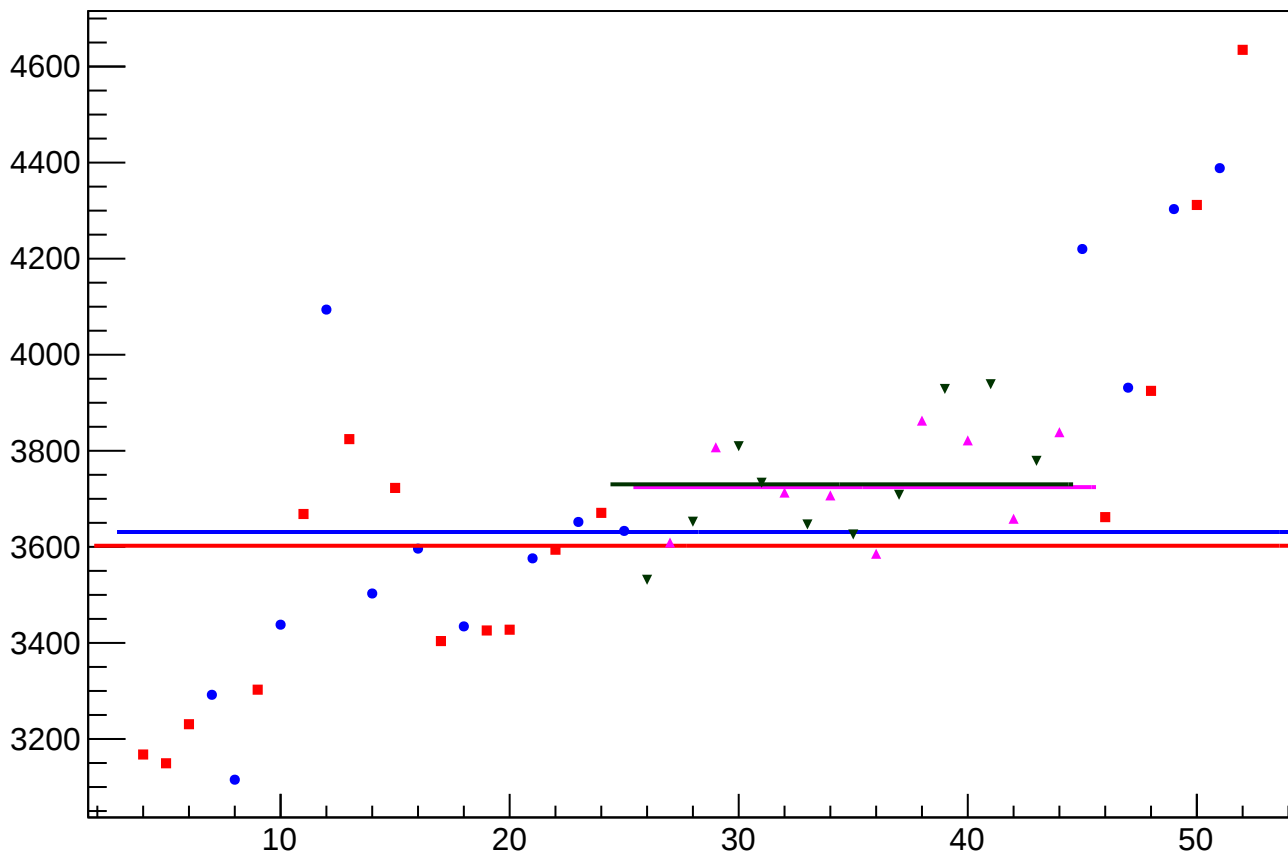
Right Out: -3.275 ± 1.245 $\chi^2/\text{NDF}: 39.7/15$

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

2.949 ± 0.973 $\chi^2/\text{NDF}: 37.4/23$

-1.896 ± 0.975 $\chi^2/\text{NDF}: 57.1/24$

diff_bpm12Y_rms vs slug



Right In: 3630.938 ± 0.864 χ^2/NDF : 184398.3/13

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

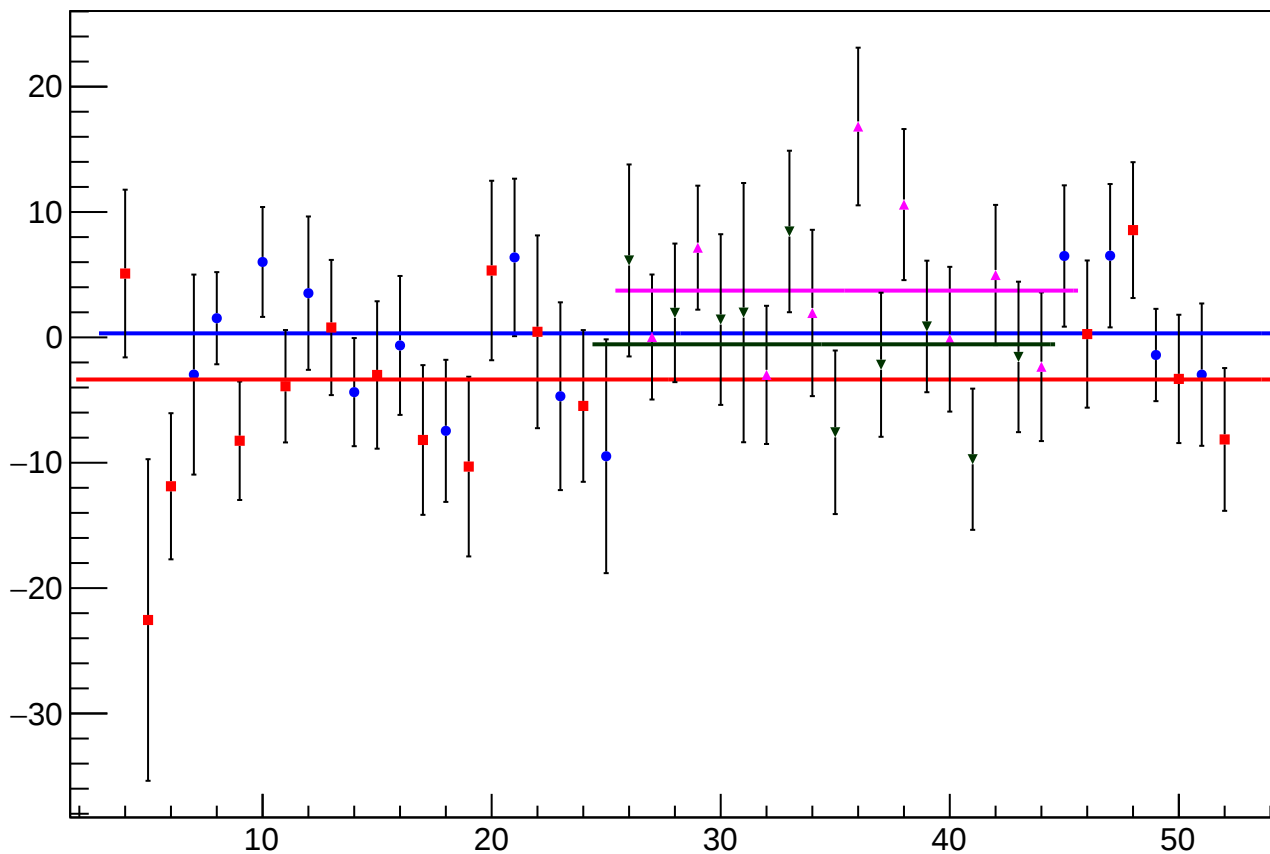
Right Out: 3602.310 ± 0.880 χ^2/NDF : 151152.1/15

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

3667.209 ± 0.688 χ^2/NDF : 201491.4/23

3649.452 ± 0.690 χ^2/NDF : 165868.8/24

diff_bpm16X_mean vs slug



Right In: 0.321 ± 1.404 χ^2/NDF : 10.7/13

Left Out: -0.553 ± 1.983 χ^2/NDF : 7.1/9

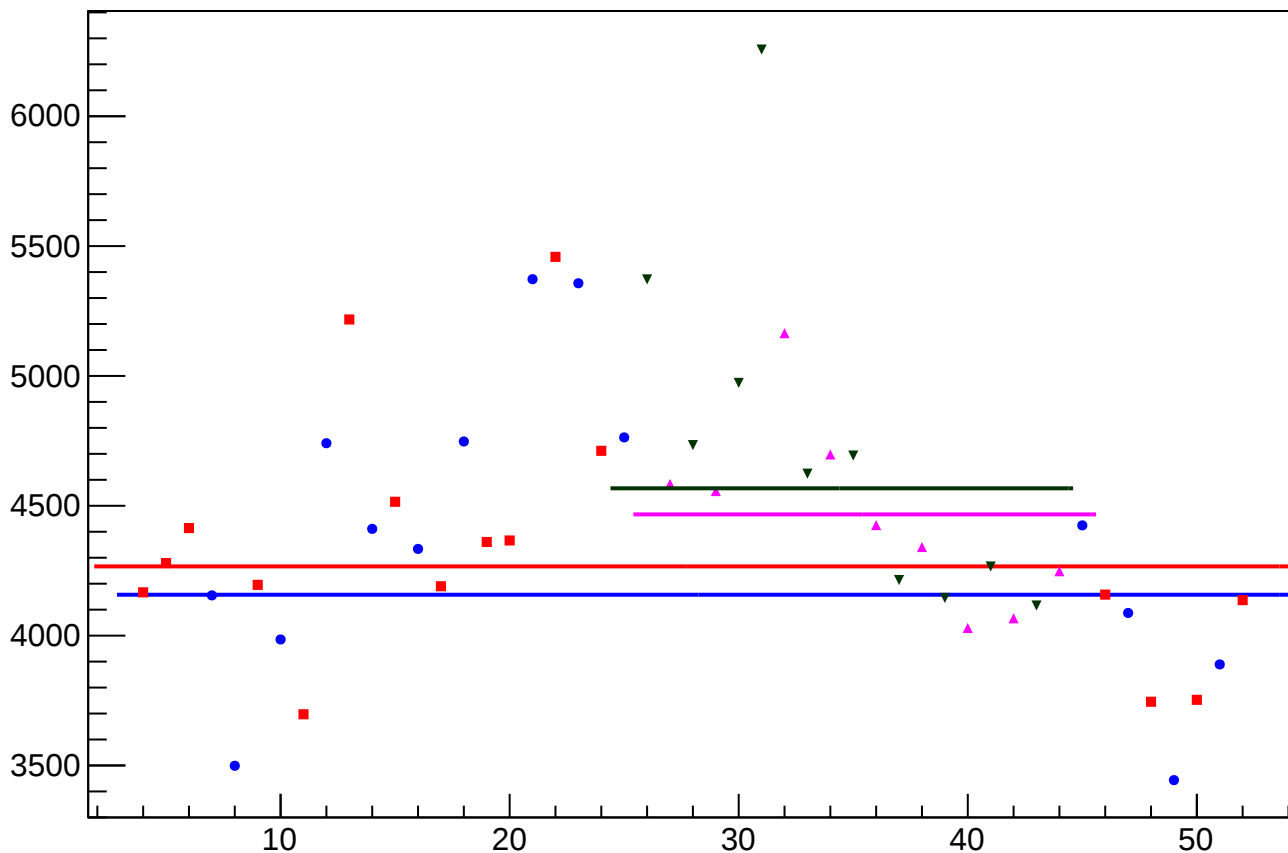
Right Out: -3.359 ± 1.476 χ^2/NDF : 17.0/15

Left In: 3.732 ± 1.890 χ^2/NDF : 9.8/8

0.029 ± 1.146 χ^2/NDF : 17.9/23

-0.673 ± 1.163 χ^2/NDF : 35.5/24

diff_bpm16X_rms vs slug



Right In: 4157.452 $\pm$ 0.993 χ^2 /NDF: 335197.6/13

Left Out: 4567.308 $\pm$ 1.402 χ^2 /NDF:122824.8/9

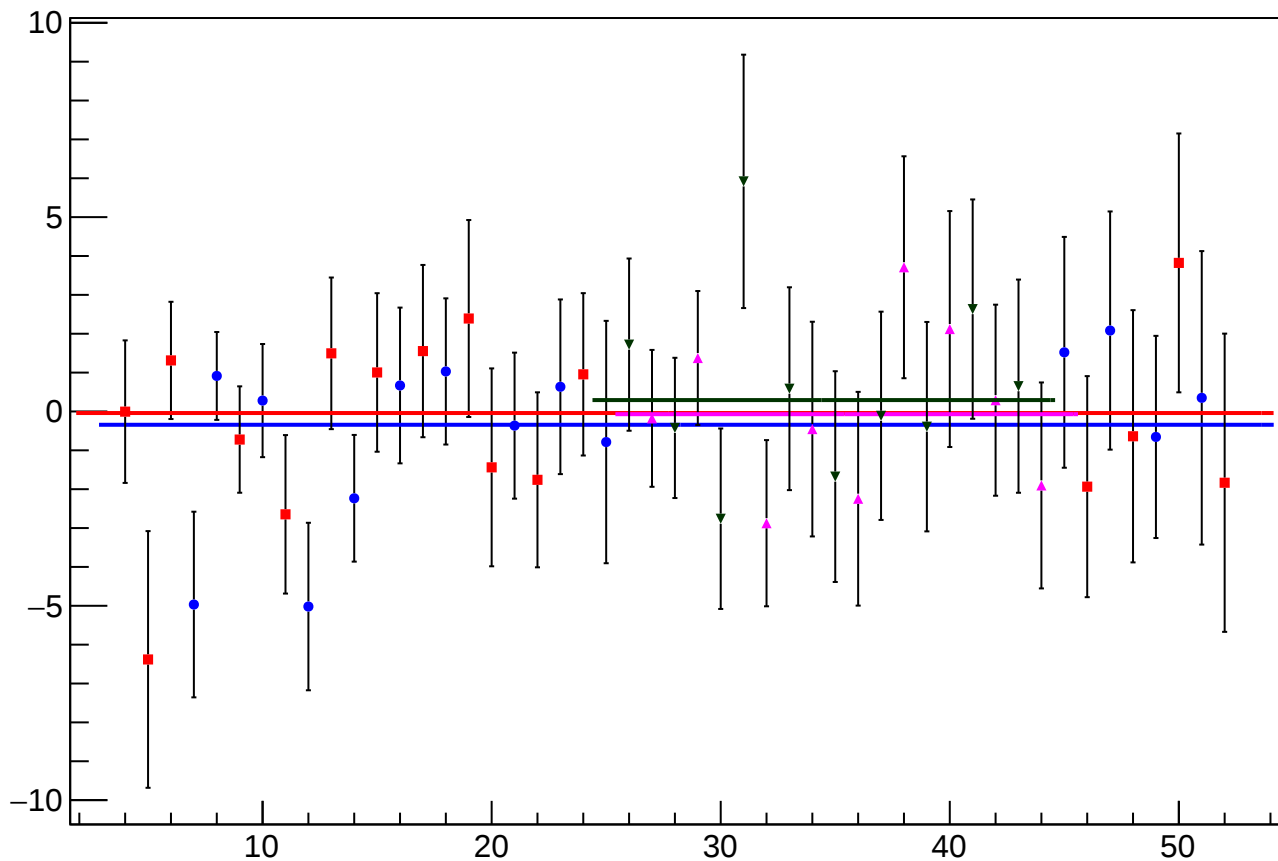
4294.232 $\pm$ 0.810 χ^2 /NDF: 514926.1/23

Right Out: 4266.604 $\pm$ 1.044 χ^2 /NDF: 200566.5/15

4342.435 $\pm$ 0.823 χ^2 /NDF: 276132.8/24

Left In: 4466.769 $\pm$ 1.336 χ^2 /NDF:61630.0/8

diff_bpm16Y_mean vs slug



Right In: -0.343 ± 0.529 χ^2/NDF : 13.3/13

Left Out: 0.293 ± 0.788 χ^2/NDF : 6.6/9

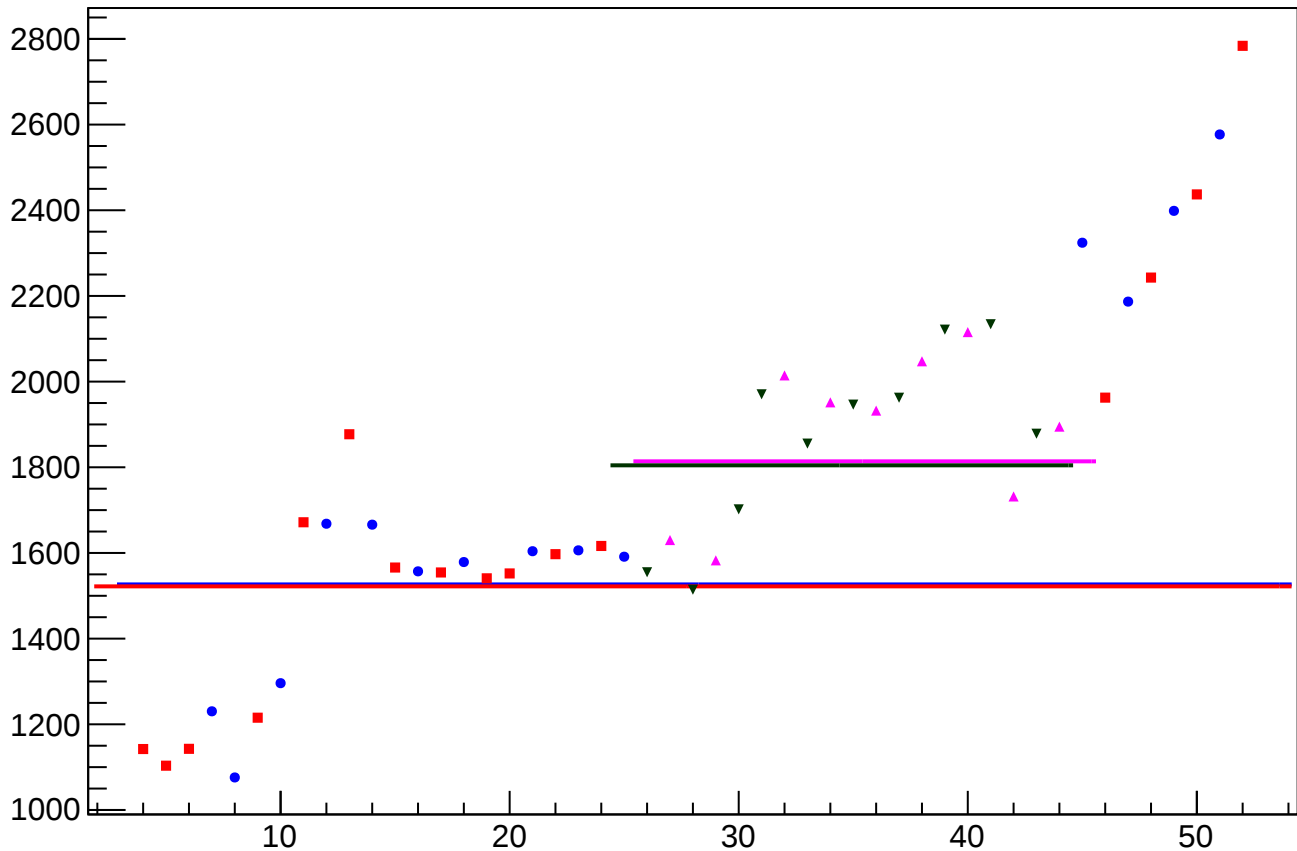
Right Out: -0.040 ± 0.540 χ^2/NDF : 11.8/15

Left In: -0.070 ± 0.771 χ^2/NDF : 5.8/8

-0.145 ± 0.439 χ^2/NDF : 20.4/23

-0.050 ± 0.443 χ^2/NDF : 17.7/24

diff_bpm16Y_rms vs slug



Right In: 1526.536 $\pm$ 0.374 χ^2 /NDF: 1047406.1/13

Left Out: 1804.555 $\pm$ 0.557 χ^2 /NDF:155790.9/9

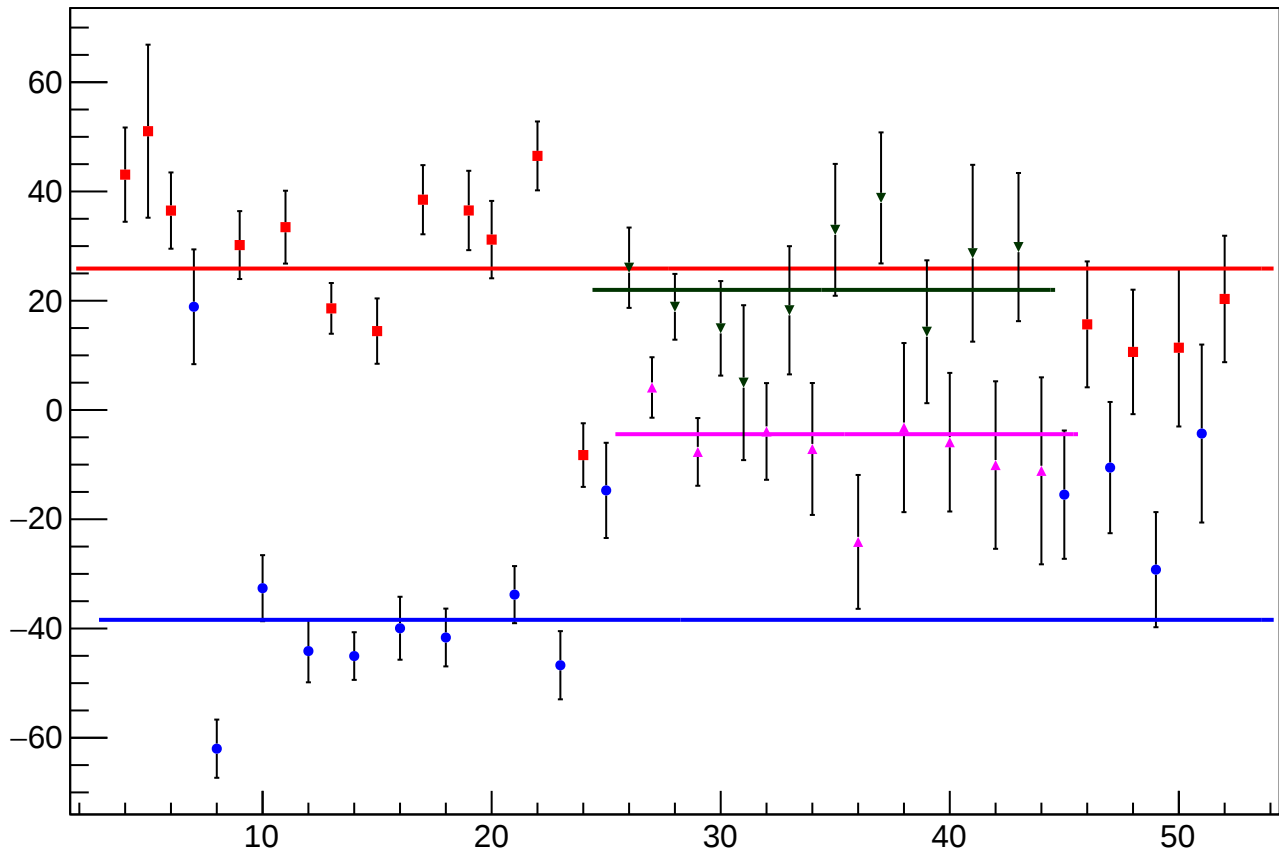
Right Out: 1521.991 $\pm$ 0.382 χ^2 /NDF: 943851.8/15

Left In: 1813.858 $\pm$ 0.546 χ^2 /NDF:121240.8/8

1612.828 $\pm$ 0.311 χ^2 /NDF: 1374732.9/23

1618.081 $\pm$ 0.313 χ^2 /NDF: 1257097.5/24

diff_bpm0l01X_mean vs slug



Right In: -38.410 ± 1.760 χ^2/NDF : 78.3/13

Left Out: 21.984 ± 3.153 χ^2/NDF : 6.4/9

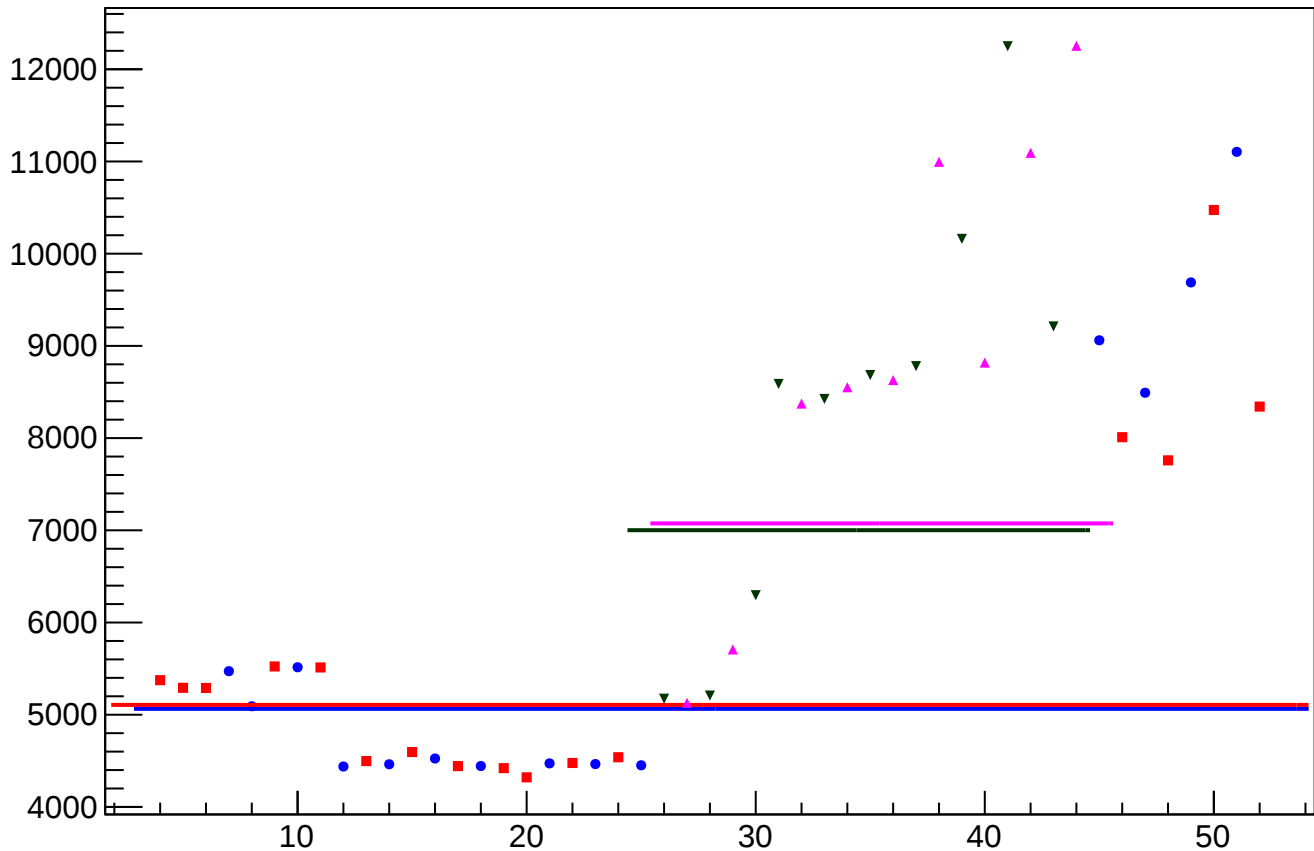
Right Out: 25.892 ± 1.806 χ^2/NDF : 72.2/15

Left In: -4.429 ± 3.116 χ^2/NDF : 5.6/8

-24.067 ± 1.536 χ^2/NDF : 364.5/23

18.266 ± 1.562 χ^2/NDF : 148.7/24

diff_bpm0l01X_rms vs slug



Right In: 5064.016+/-1.244 χ^2/NDF : 1229866.7/13

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

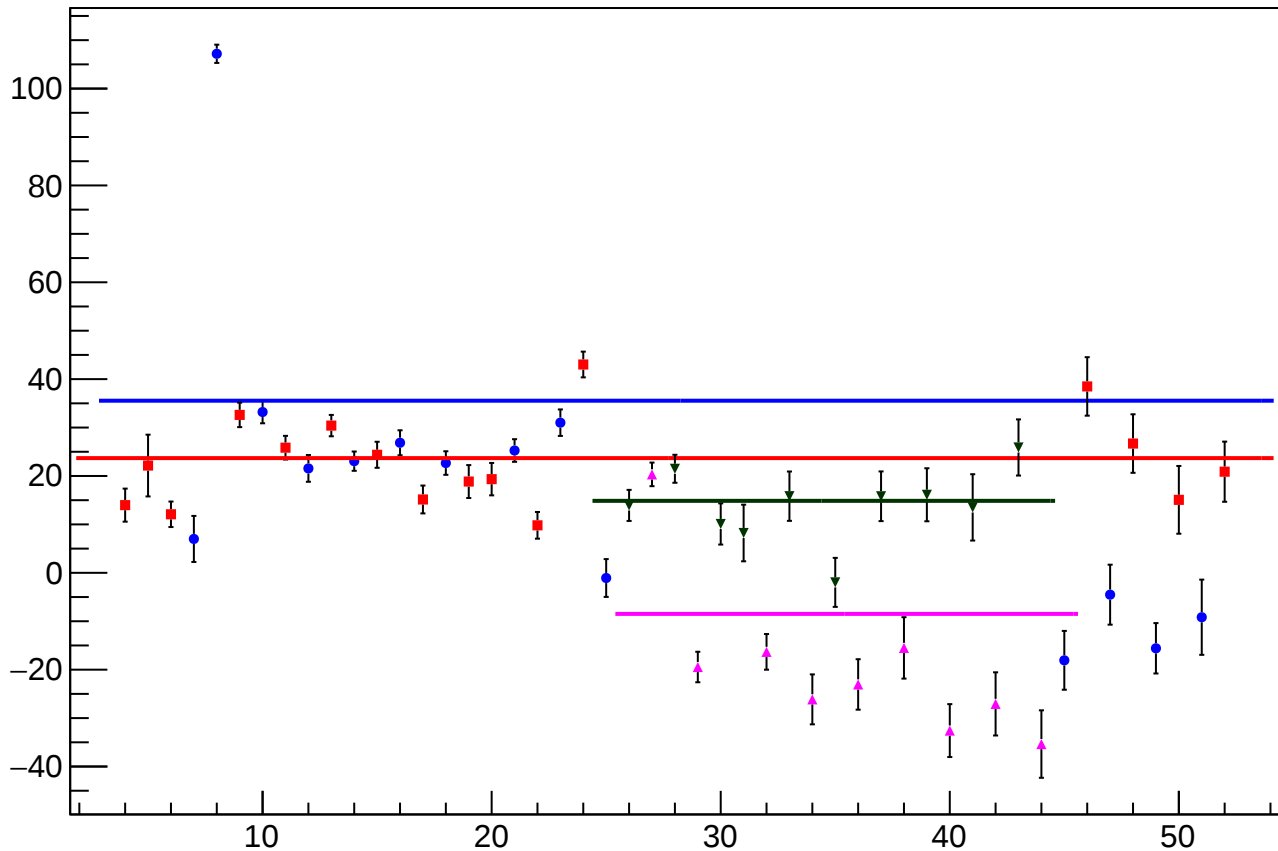
Right Out: 5106.548+/-1.277 χ^2/NDF : 841145.3/15

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

5524.056+/-1.086 χ^2/NDF : 2637324.6/23

5601.591+/-1.105 χ^2/NDF : 2375040.2/24

diff_bpm0l01Y_mean vs slug



Right In: 35.544+/-0.766 χ^2/NDF : 1946.5/13

Left Out: 14.865+/-1.412 χ^2/NDF :22.7/9

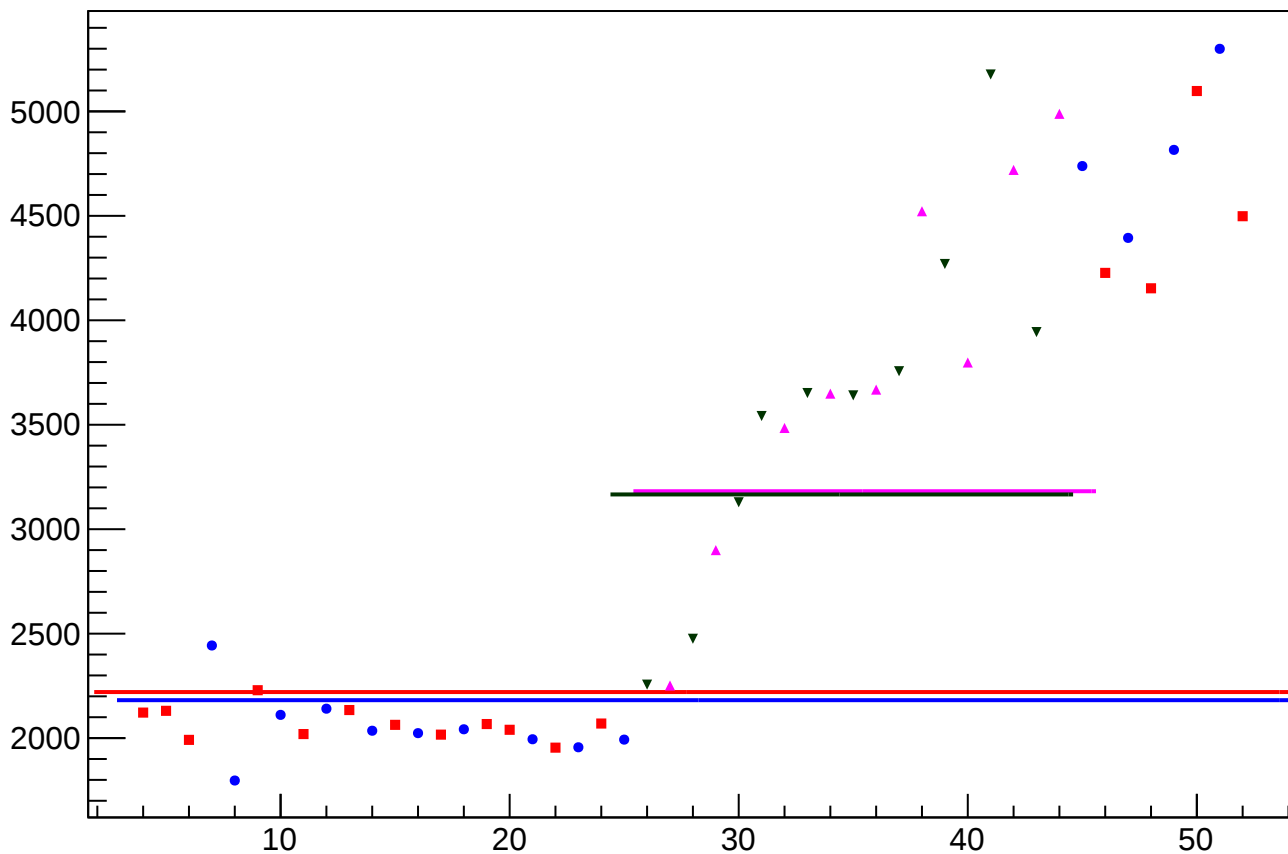
Right Out: 23.690+/-0.792 χ^2/NDF : 148.9/15

Left In: -8.480+/-1.387 χ^2/NDF :219.8/8

30.839+/-0.674 χ^2/NDF : 2134.9/23

15.776+/-0.688 χ^2/NDF : 774.6/24

diff_bpm0l01Y_rms vs slug



Right In: 2181.557+/-0.542 χ^2/NDF : 1592446.8/13

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

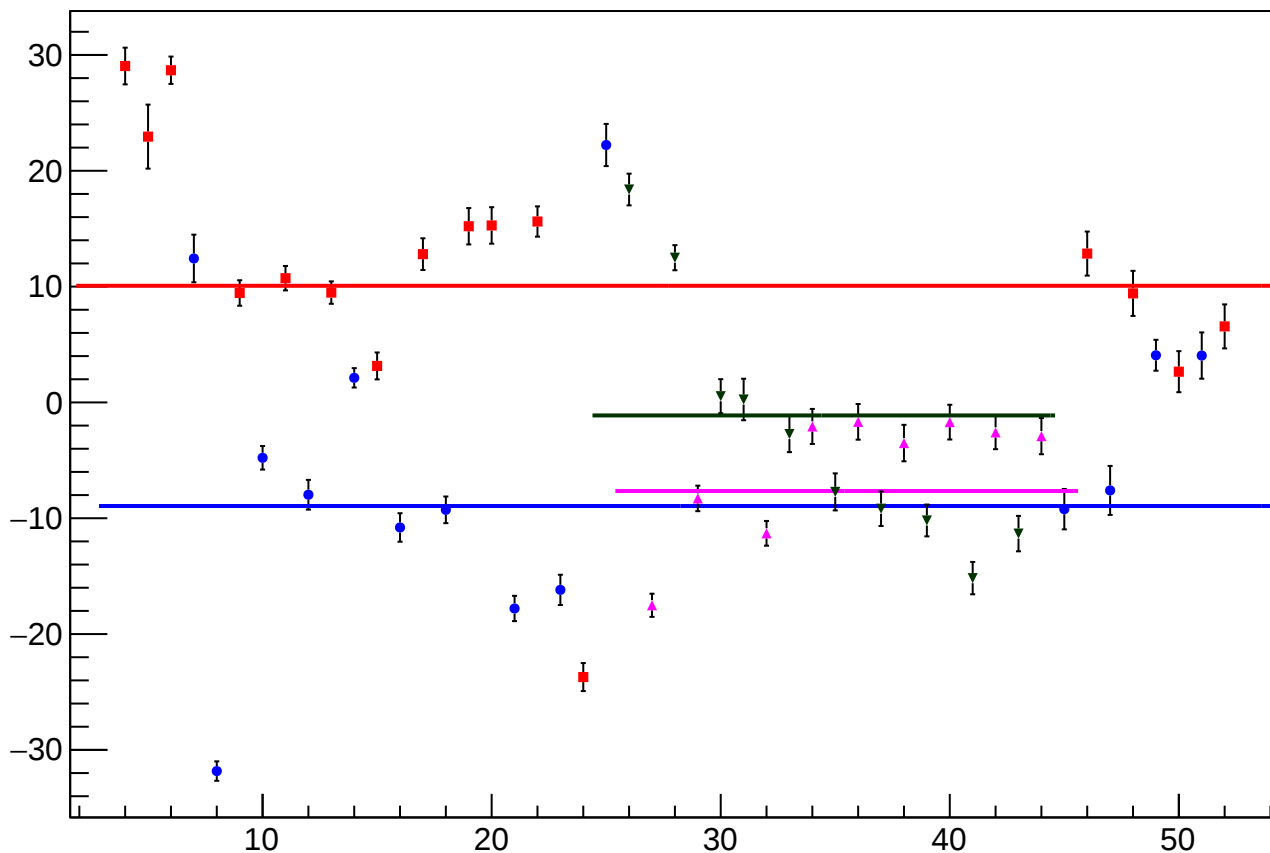
Right Out: 2220.460+/-0.560 χ^2/NDF : 1118137.2/15

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

2405.619+/-0.476 χ^2/NDF : 2979353.7/23

2456.937+/-0.486 χ^2/NDF : 2558253.2/24

diff_bpm2i01X_mean vs slug



Right In: -8.944 ± 0.330 χ^2/NDF : 1573.0/13

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

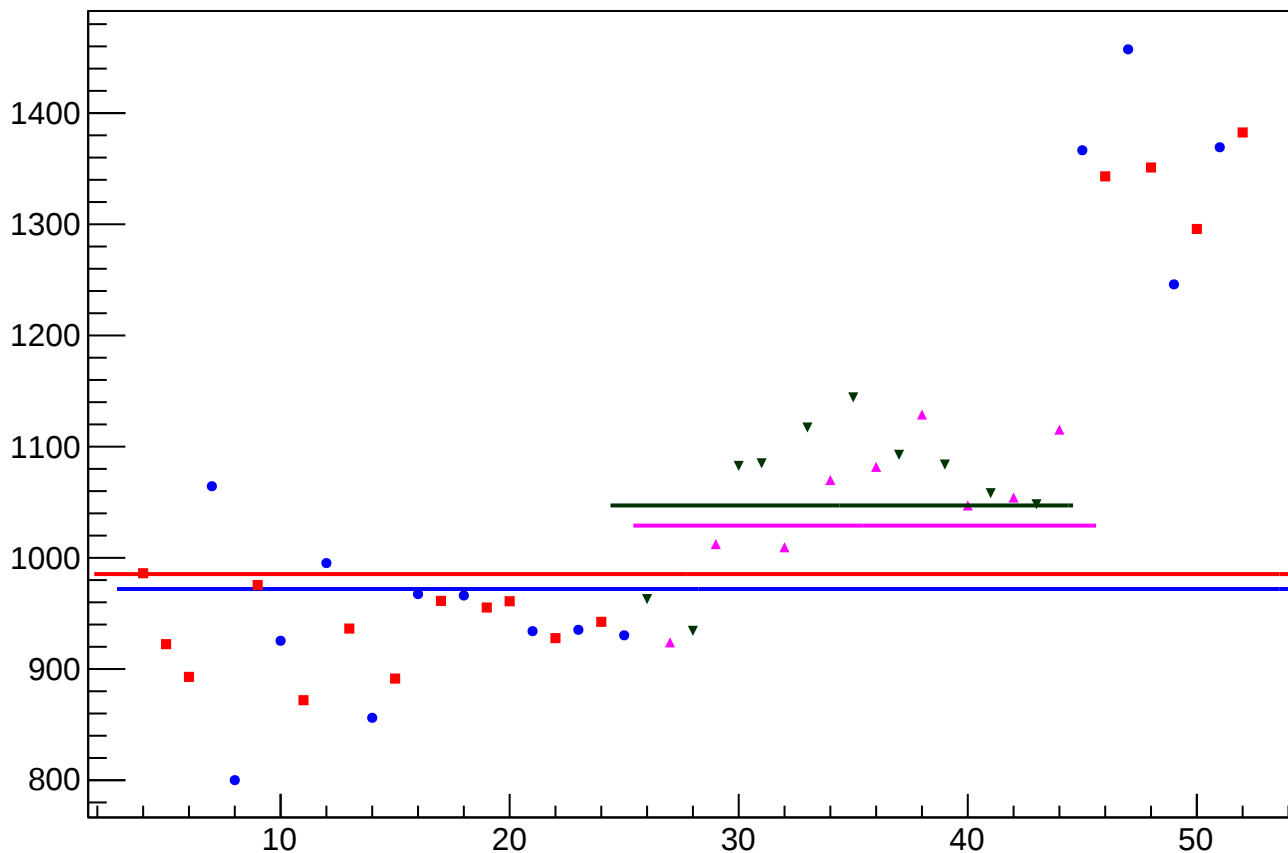
Right Out: 10.070 ± 0.342 χ^2/NDF : 1297.4/15

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

-6.226 ± 0.267 χ^2/NDF : 2366.8/23

3.284 ± 0.269 χ^2/NDF : 2505.0/24

diff_bpm2i01X_rms vs slug



Right In: 971.970 $\pm$ 0.234 χ^2 /NDF: 507290.4/13

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

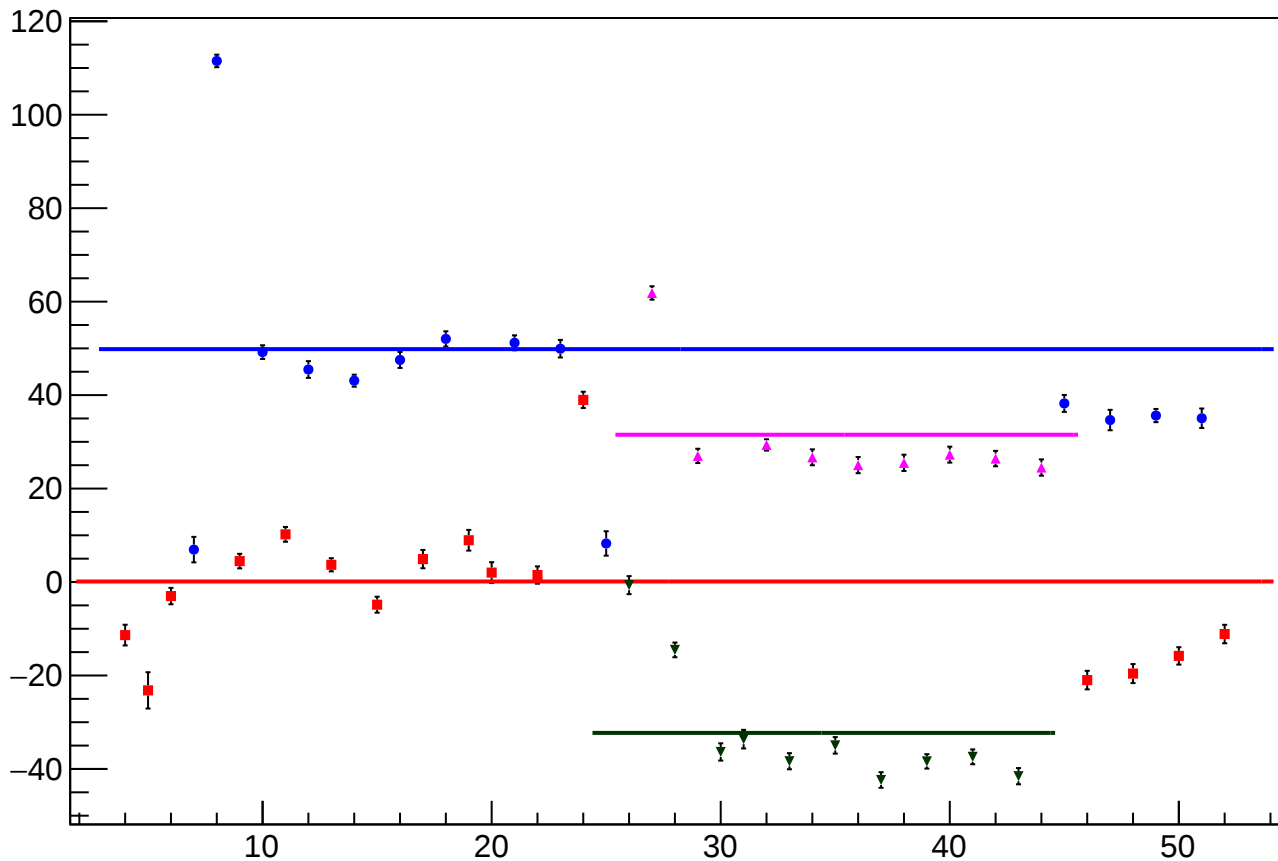
Right Out: 985.389 $\pm$ 0.242 χ^2 /NDF: 353088.2/15

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

998.085 $\pm$ 0.189 χ^2 /NDF: 589393.3/23

1002.086 $\pm$ 0.190 χ^2 /NDF: 407570.1/24

diff_bpm2i01Y_mean vs slug



Right In: 49.835+/-0.454 χ^2/NDF : 2892.2/13

Left Out: -32.284+/-0.544 χ^2/NDF : 507.1/9

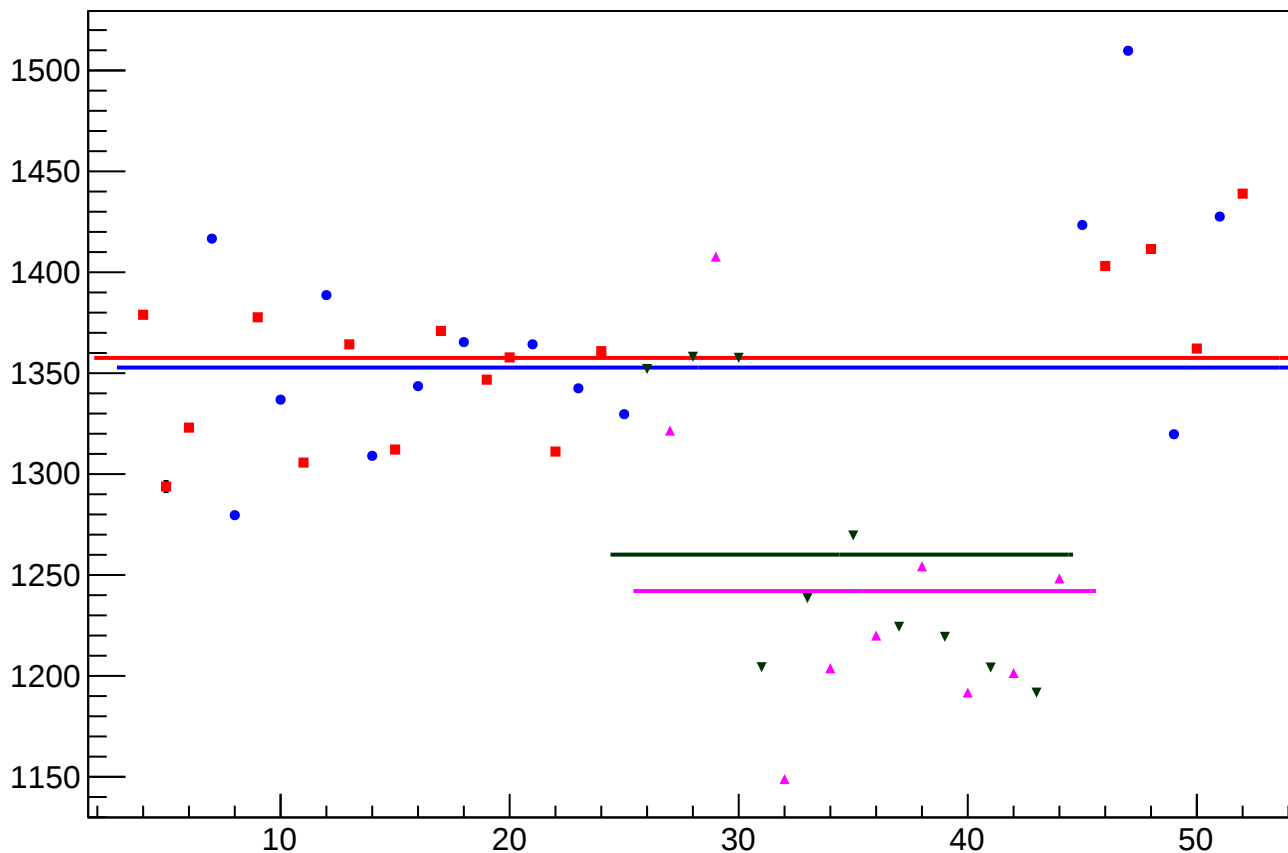
Right Out: 0.115+/-0.467 χ^2/NDF : 958.9/15

Left In: 31.519+/-0.524 χ^2/NDF : 528.5/8

16.151+/-0.348 χ^2/NDF : 16834.2/23

14.024+/-0.349 χ^2/NDF : 3486.7/24

diff_bpm2i01Y_rms vs slug



Right In: 1352.786 $\pm$ 0.321 χ^2 /NDF: 27928.4/13

Left Out: 1260.097 $\pm$ 0.385 χ^2 /NDF:27715.7/9

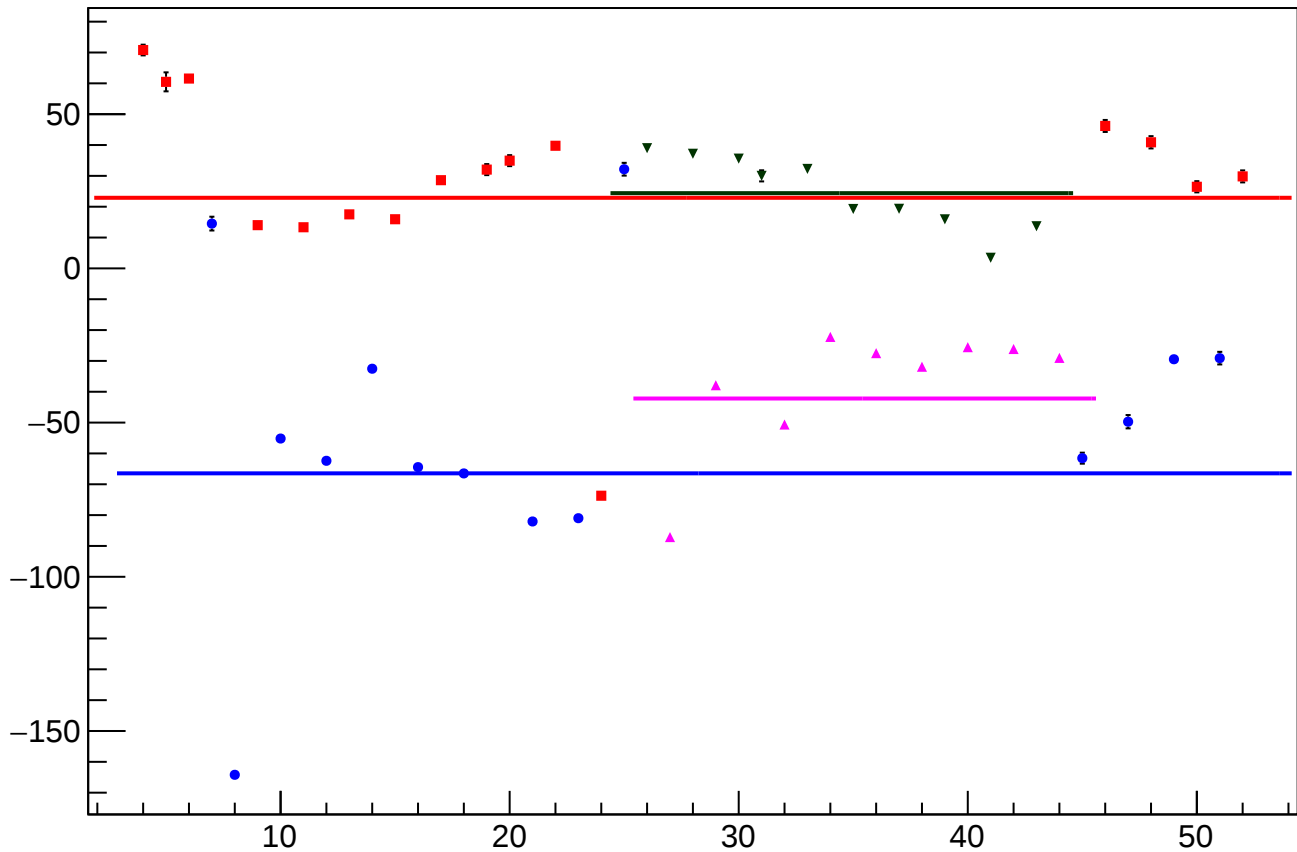
Right Out: 1357.566 $\pm$ 0.331 χ^2 /NDF: 12705.4/15

Left In: 1242.040 $\pm$ 0.371 χ^2 /NDF:45832.2/8

1314.766 $\pm$ 0.246 χ^2 /NDF: 89875.9/23

1306.398 $\pm$ 0.247 χ^2 /NDF: 112651.7/24

diff_bpm2i02X_mean vs slug



Right In: -66.456+/-0.370 χ^2/NDF : 16346.2/13

Left Out: 24.394+/-0.474 χ^2/NDF : 609.0/9

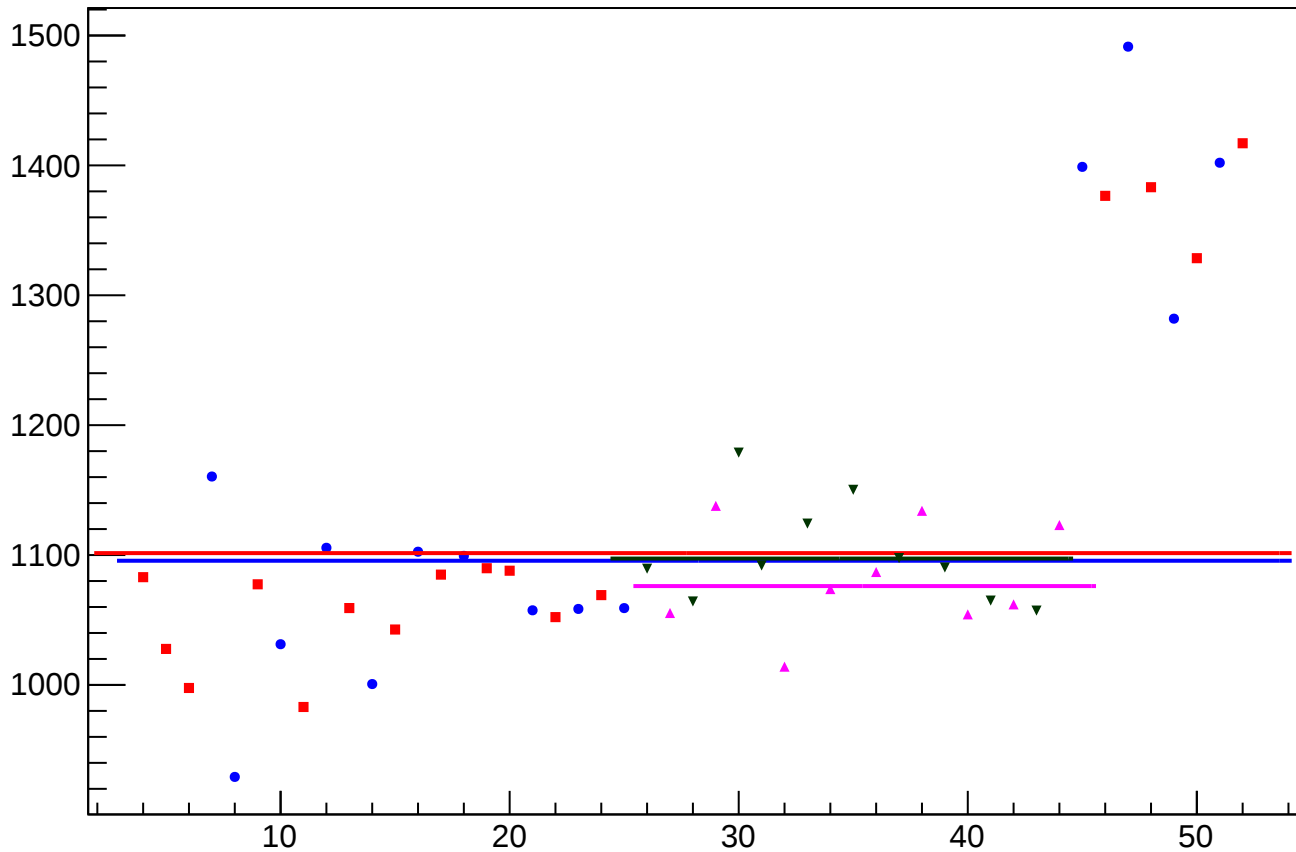
Right Out: 22.892+/-0.381 χ^2/NDF : 7348.9/15

Left In: -42.193+/-0.454 χ^2/NDF : 2243.7/8

-32.012+/-0.292 χ^2/NDF : 39806.0/23

-4.013+/-0.292 χ^2/NDF : 21651.2/24

diff_bpm2i02X_rms vs slug



Right In: 1095.614 ± 0.262 $\chi^2/\text{NDF}: 295656.9/13$

Left Out: 1097.296 ± 0.335 $\chi^2/\text{NDF}: 11915.4/9$

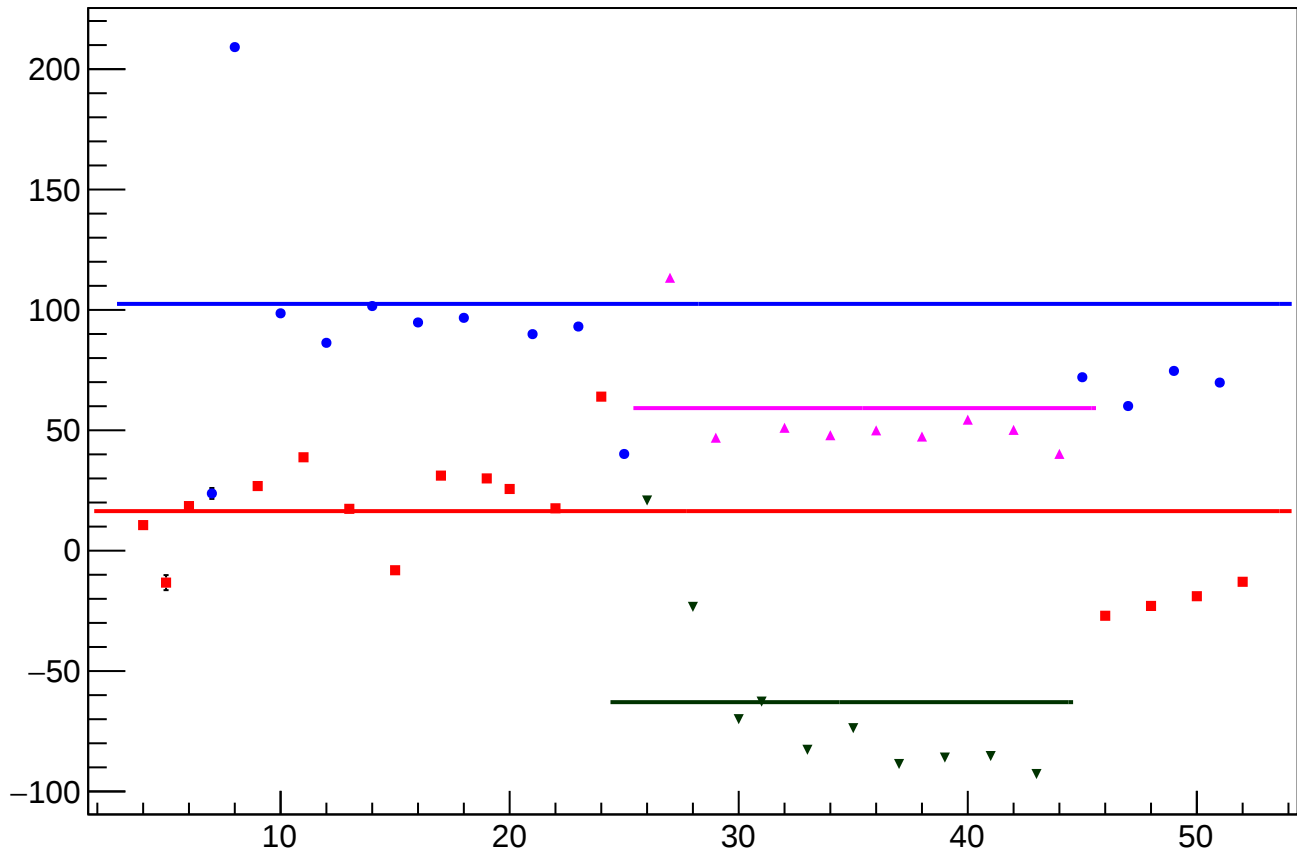
1096.252 ± 0.206 $\chi^2/\text{NDF}: 307588.0/23$

Right Out: 1101.489 ± 0.269 $\chi^2/\text{NDF}: 208451.1/15$

1090.997 ± 0.206 $\chi^2/\text{NDF}: 229630.1/24$

Left In: 1076.108 ± 0.321 $\chi^2/\text{NDF}: 17511.2/8$

diff_bpm2i02Y_mean vs slug



Right In: 102.502 $\pm$ 0.372 χ^2 /NDF: 15102.4/13

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

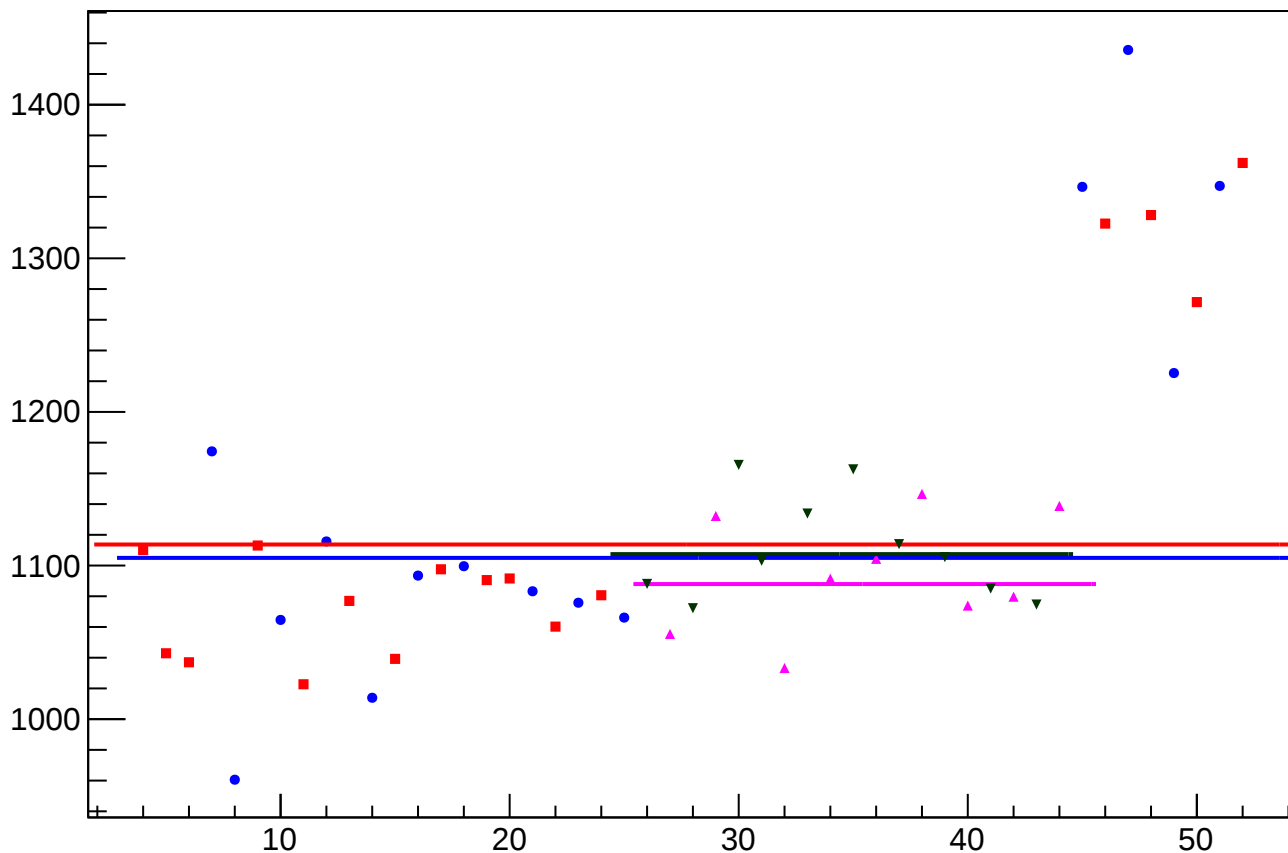
Right Out: 16.432 $\pm$ 0.385 χ^2 /NDF: 3797.0/15

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

40.002 $\pm$ 0.294 χ^2 /NDF: 95011.5/23

34.087 $\pm$ 0.295 χ^2 /NDF: 11646.2/24

diff_bpm2i02Y_rms vs slug



Right In: 1104.986 ± 0.263 χ^2/NDF : 201582.1/13

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

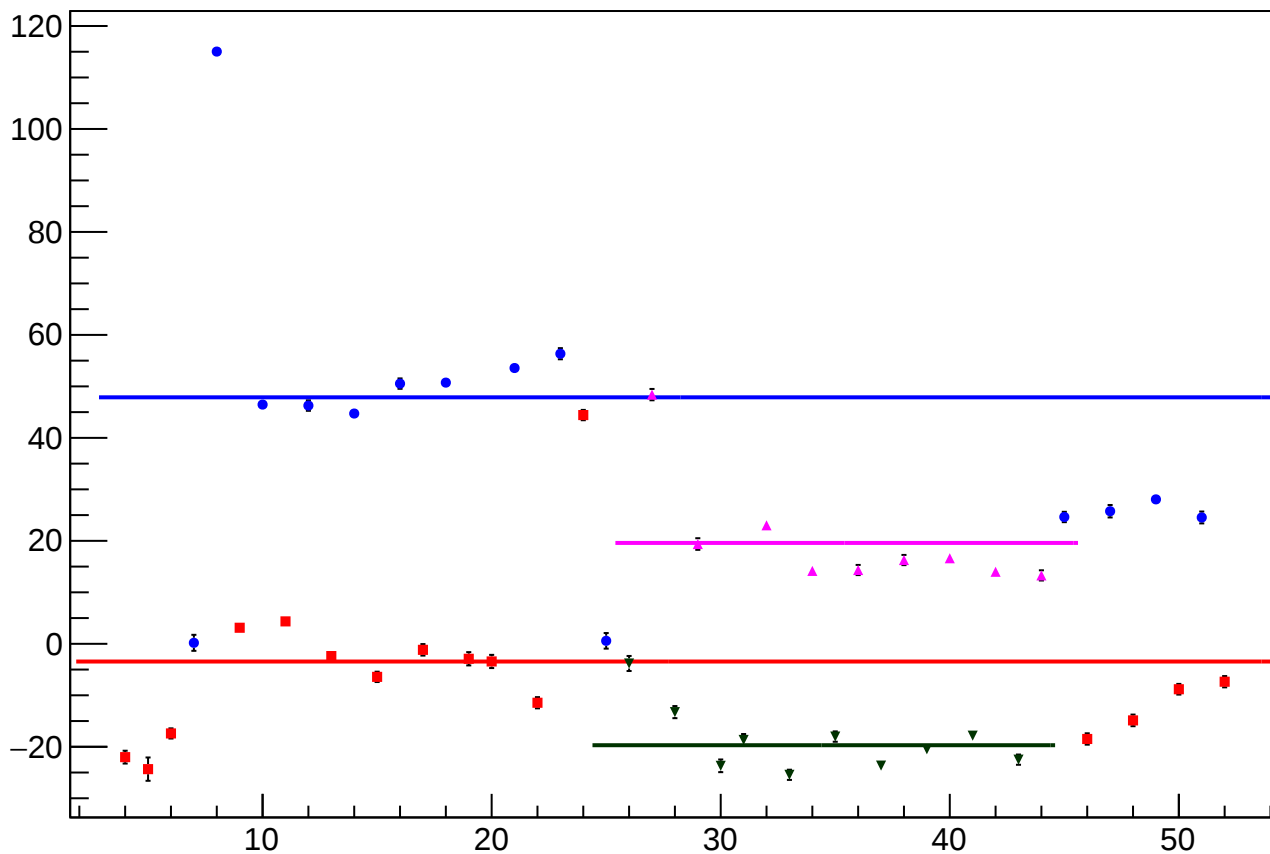
Right Out: 1113.706 ± 0.272 χ^2/NDF : 132545.1/15

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

1105.913 ± 0.208 χ^2/NDF : 210517.5/23

1103.077 ± 0.208 χ^2/NDF : 150654.5/24

diff_bpm1i04X_mean vs slug



Right In: 47.876 $\pm$ 0.258 χ^2 /NDF: 11810.3/13

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

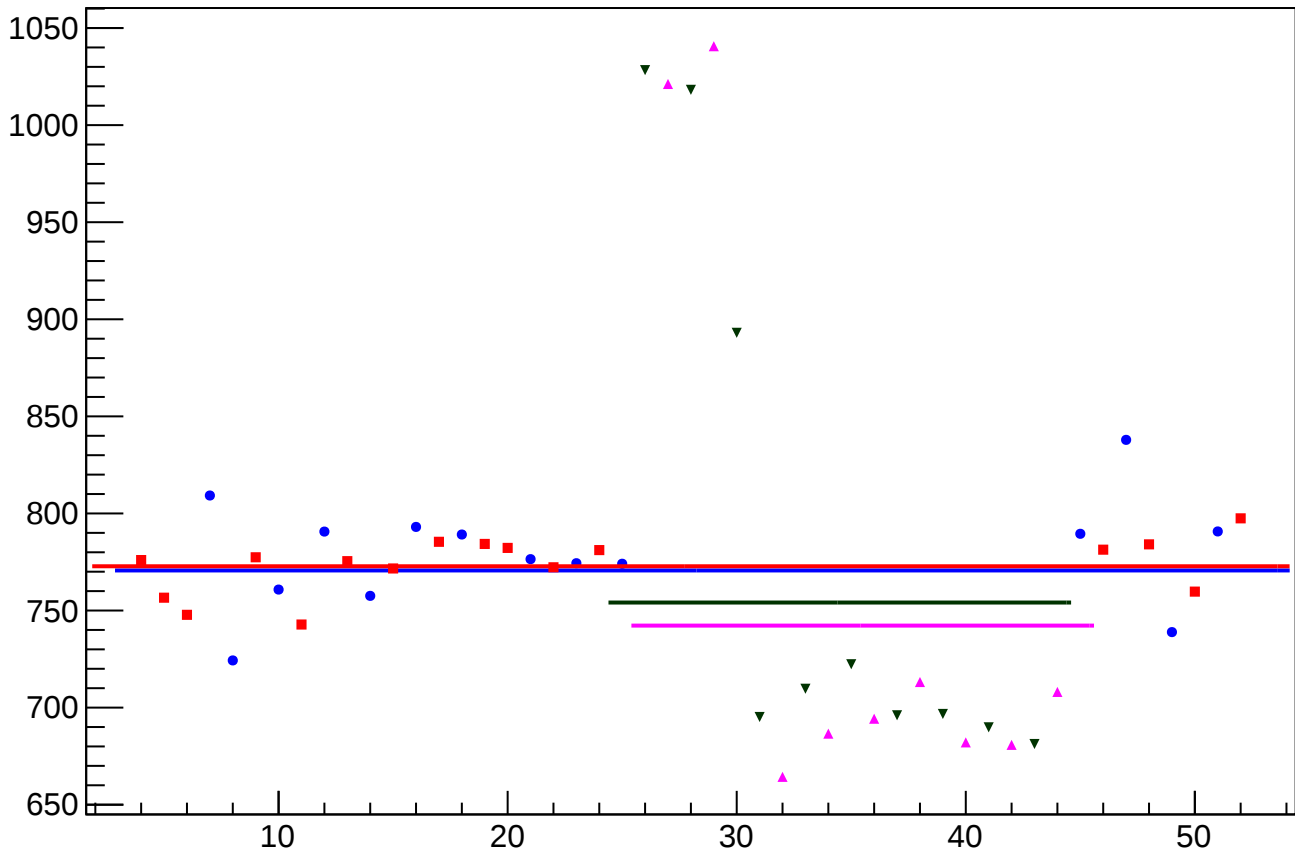
Right Out: -3.440 $\pm$ 0.266 χ^2 /NDF: 3316.6/15

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

22.159 $\pm$ 0.203 χ^2 /NDF: 38129.6/23

6.060 $\pm$ 0.204 χ^2 /NDF: 7281.8/24

diff_bpm1i04X_rms vs slug



Right In: 770.643+/-0.182 χ^2/NDF : 22972.5/13

Left Out: 754.119+/-0.233 χ^2/NDF : 244495.9/9

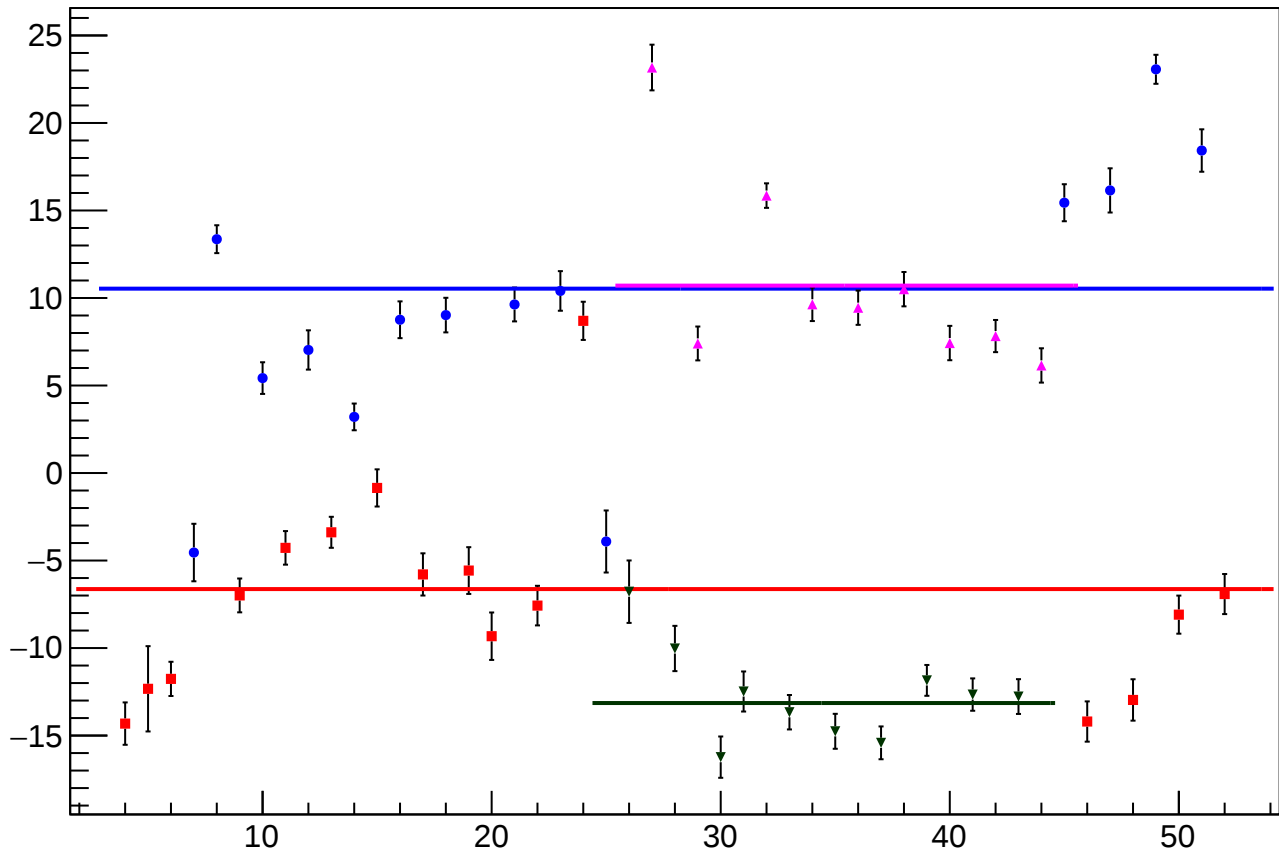
Right Out: 772.796+/-0.188 χ^2/NDF : 6019.5/15

Left In: 742.240+/-0.224 χ^2/NDF : 324033.0/8

764.354+/-0.144 χ^2/NDF : 270589.2/23

760.194+/-0.144 χ^2/NDF : 340968.9/24

diff_bpm1i04Y_mean vs slug



Right In: 10.534 ± 0.273 χ^2/NDF : 615.8/13

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

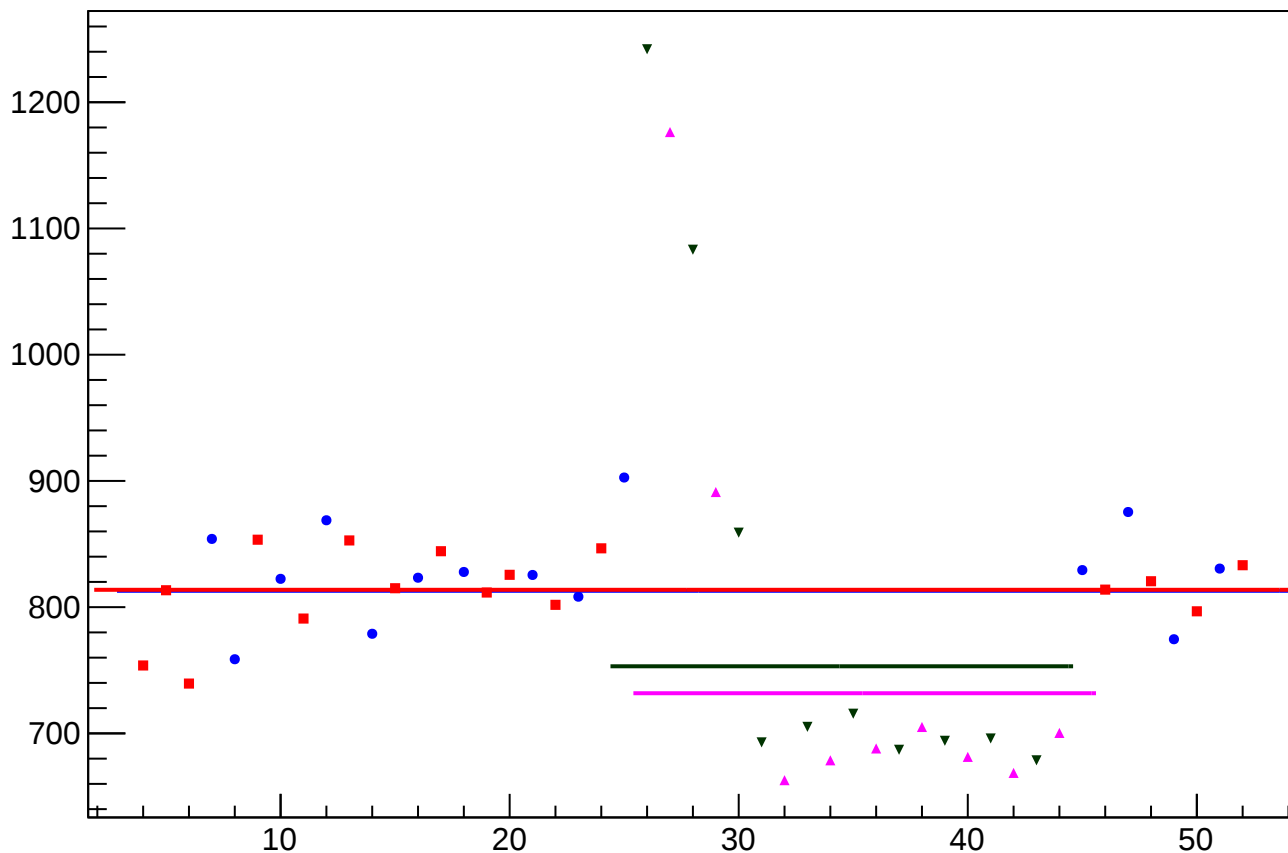
Right Out: -6.631 ± 0.281 χ^2/NDF : 399.5/15

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

1.012 ± 0.211 χ^2/NDF : 3681.8/23

1.058 ± 0.209 χ^2/NDF : 2295.8/24

diff_bpm1i04Y_rms vs slug



Right In: 812.976+/-0.193 χ^2/NDF : 35897.4/13

Left Out: 753.162+/-0.235 χ^2/NDF : 347457.9/9

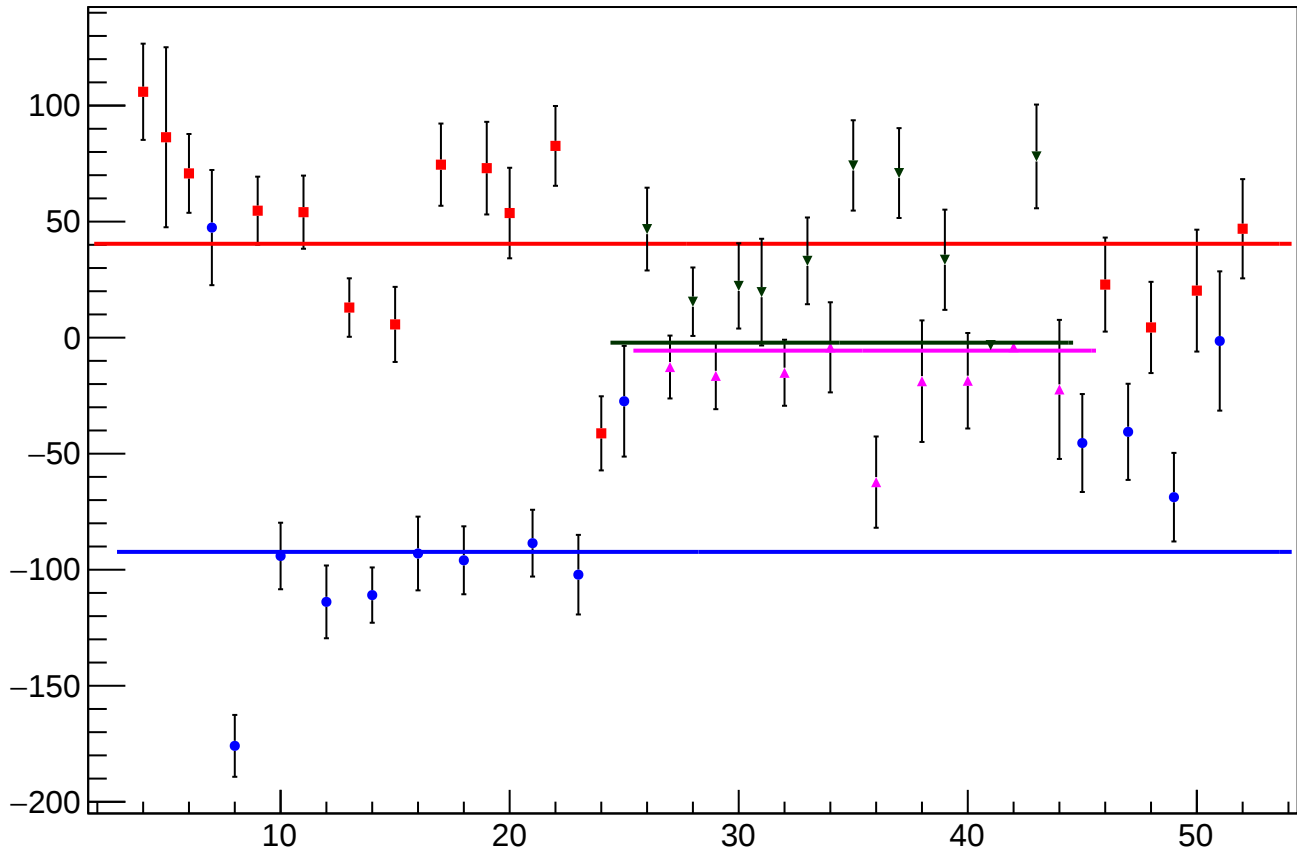
Right Out: 813.752+/-0.198 χ^2/NDF : 29471.9/15

Left In: 731.813+/-0.222 χ^2/NDF : 333966.6/8

788.919+/-0.149 χ^2/NDF : 422022.4/23

777.417+/-0.148 χ^2/NDF : 439108.8/24

diff_bpm0l02X_mean vs slug



Right In: -92.315+/-4.460 χ^2/NDF : 105.1/13

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

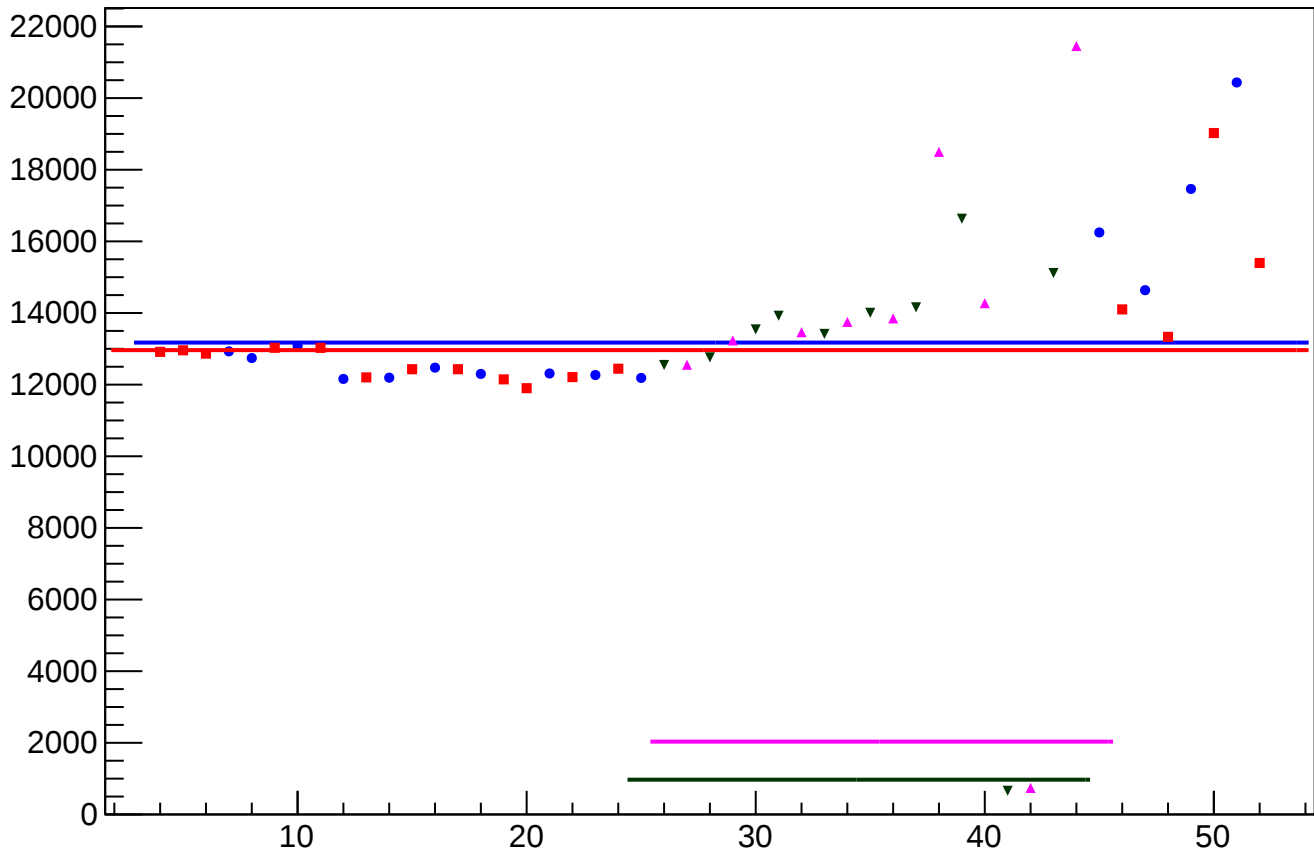
Right Out: 40.445+/-4.493 χ^2/NDF : 69.4/15

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

-6.252+/-0.950 χ^2/NDF : 556.8/23

1.751+/-1.795 χ^2/NDF : 168.8/24

diff_bpm0l02X_rms vs slug



Right In: 13174.364+/-3.154 χ^2/NDF : 322091.1/13

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

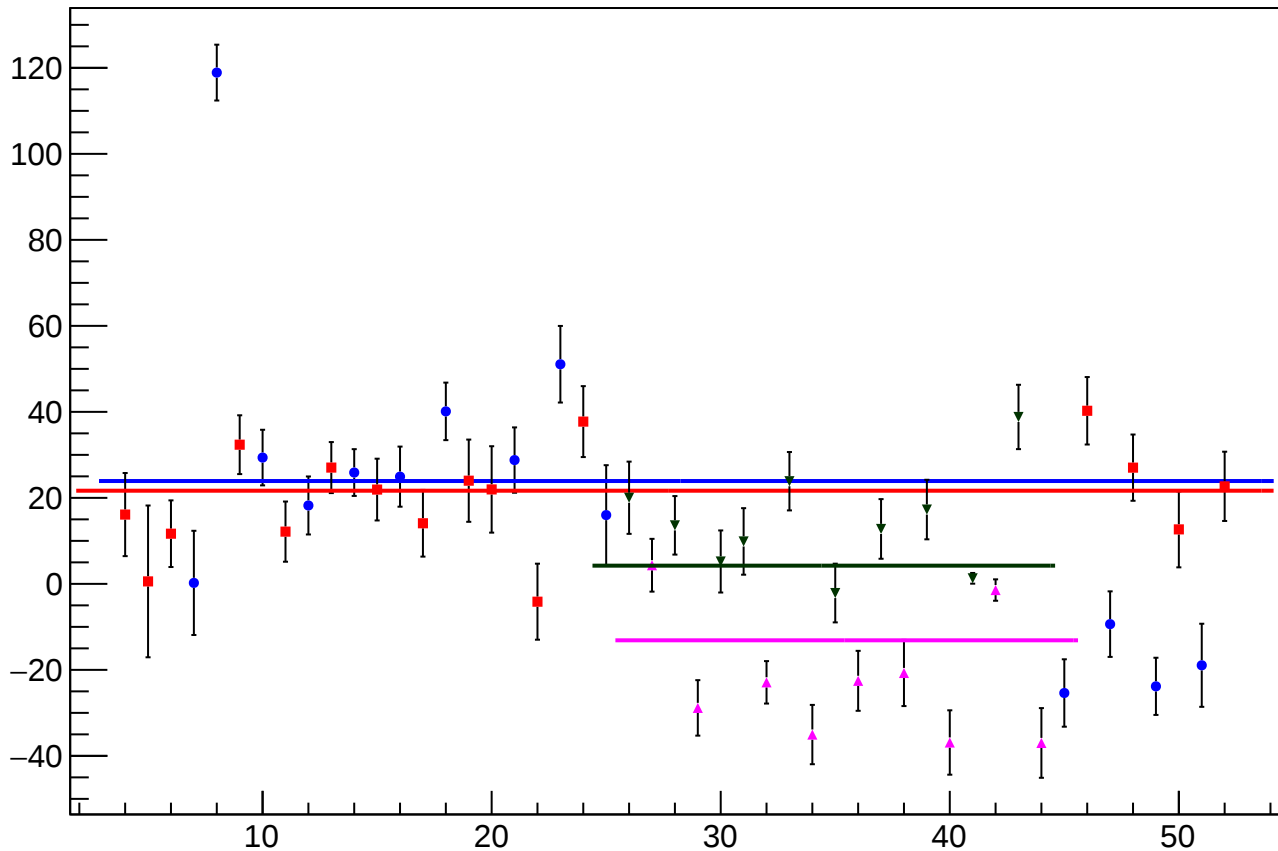
1523.745+/-0.671 χ^2/NDF : 23074992.6/23

Right Out: 12963.434+/-3.177 χ^2/NDF : 166106.5/15

3778.119+/-1.269 χ^2/NDF : 18405199.0/24

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

diff_bpm0l02Y_mean vs slug



Right In: 23.916 $\pm$ 1.972 χ^2 /NDF: 365.2/13

Left Out: 4.234 $\pm$ 1.105 χ^2 /NDF: 47.2/9

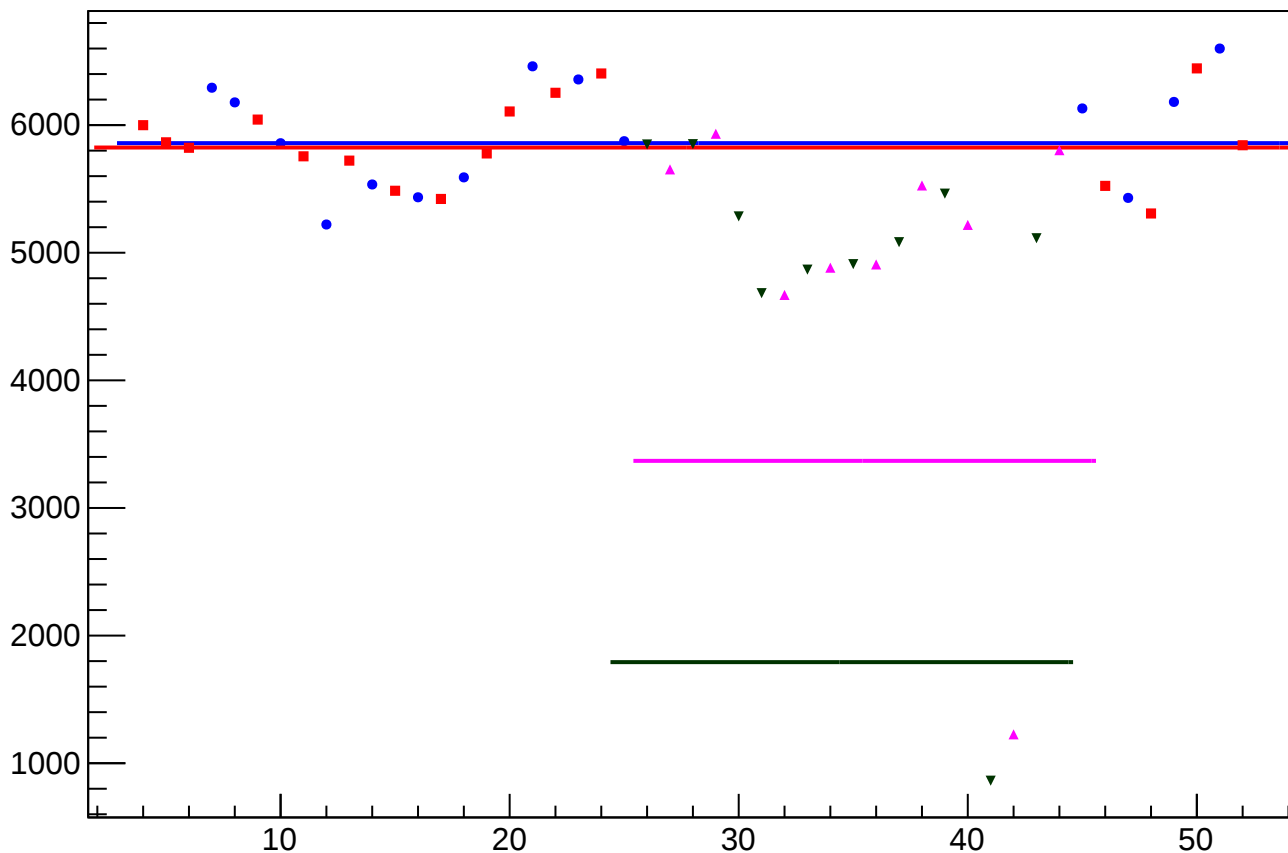
Right Out: 21.664 $\pm$ 2.014 χ^2 /NDF: 29.0/15

Left In: -13.126 $\pm$ 1.704 χ^2 /NDF: 71.6/8

8.941 $\pm$ 0.964 χ^2 /NDF: 488.3/23

1.385 $\pm$ 1.301 χ^2 /NDF: 274.6/24

diff_bpm0l02Y_rms vs slug



Right In: 5858.630+/-1.394 χ^2/NDF : 87033.4/13

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

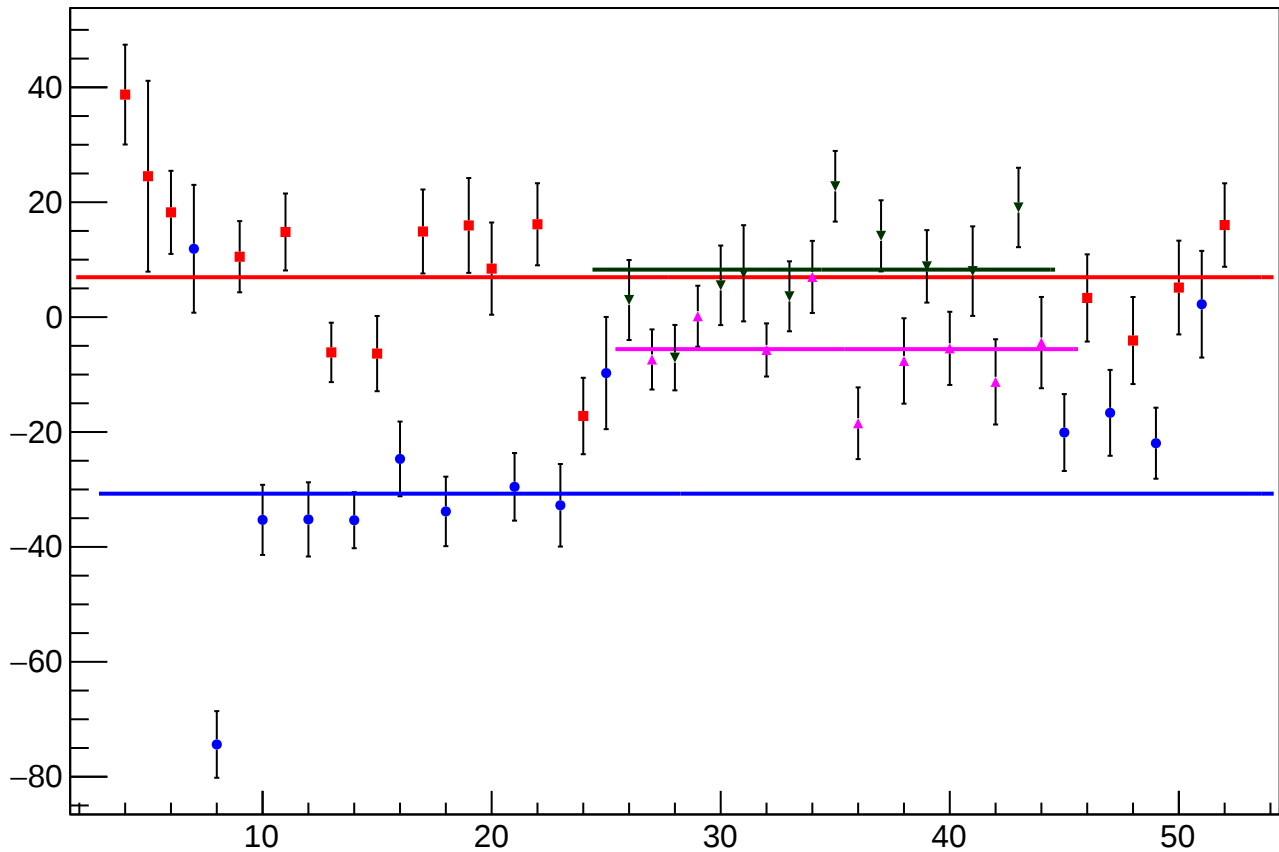
Right Out: 5824.361+/-1.424 χ^2/NDF : 51402.8/15

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

2764.499+/-0.682 χ^2/NDF : 11832405.1/23

4393.218+/-0.920 χ^2/NDF : 4649767.1/24

diff_bpm0l03X_mean vs slug



Right In: -30.731 ± 1.772 χ^2/NDF : 99.8/13

Left Out: 8.269 ± 2.091 χ^2/NDF : 17.5/9

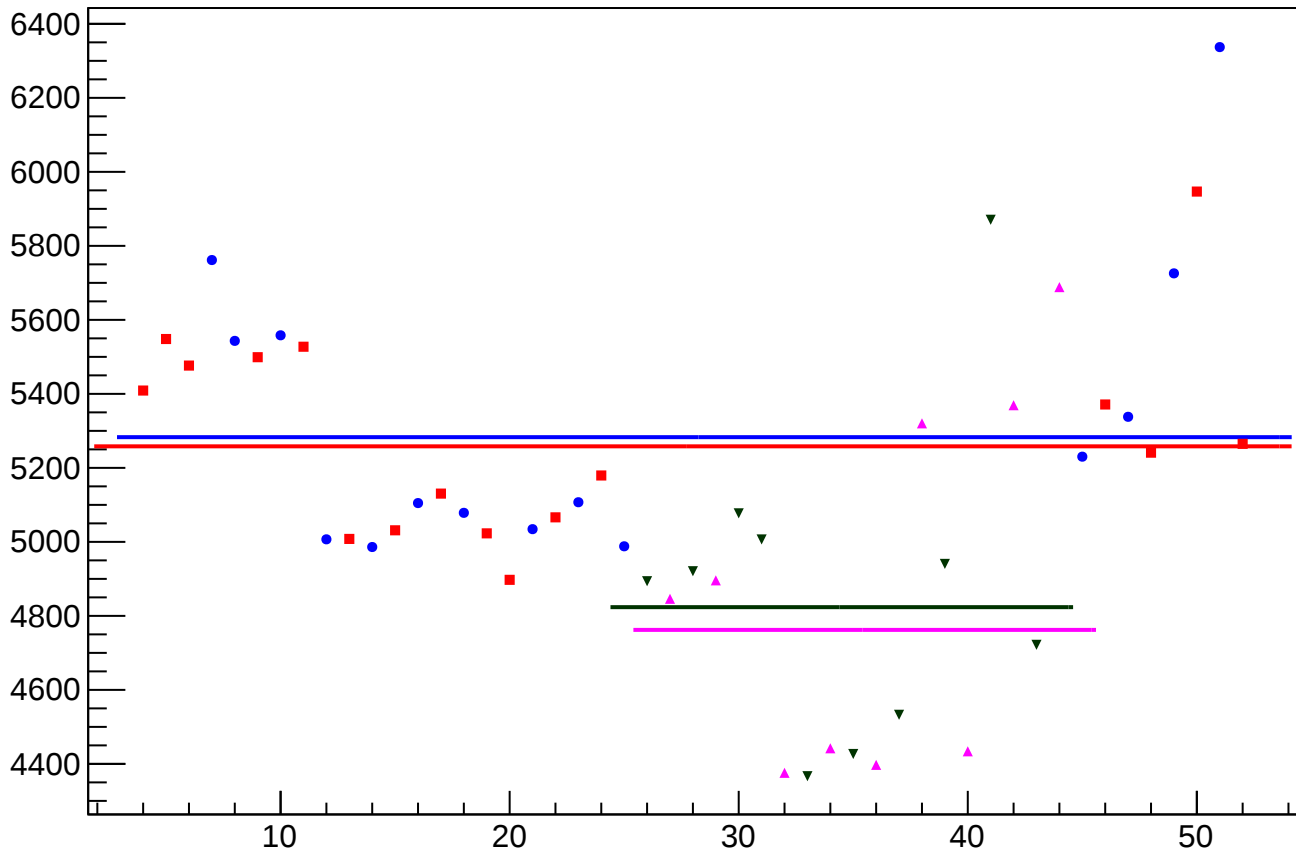
Right Out: 6.945 ± 1.811 χ^2/NDF : 50.4/15

Left In: -5.574 ± 2.014 χ^2/NDF : 10.3/8

-14.434 ± 1.352 χ^2/NDF : 319.7/23

1.347 ± 1.347 χ^2/NDF : 82.0/24

diff_bpm0l03X_rms vs slug



Right In: 5282.989+/-1.253 χ^2/NDF : 69526.2/13

Left Out: 4823.564+/-1.479 χ^2/NDF : 65634.4/9

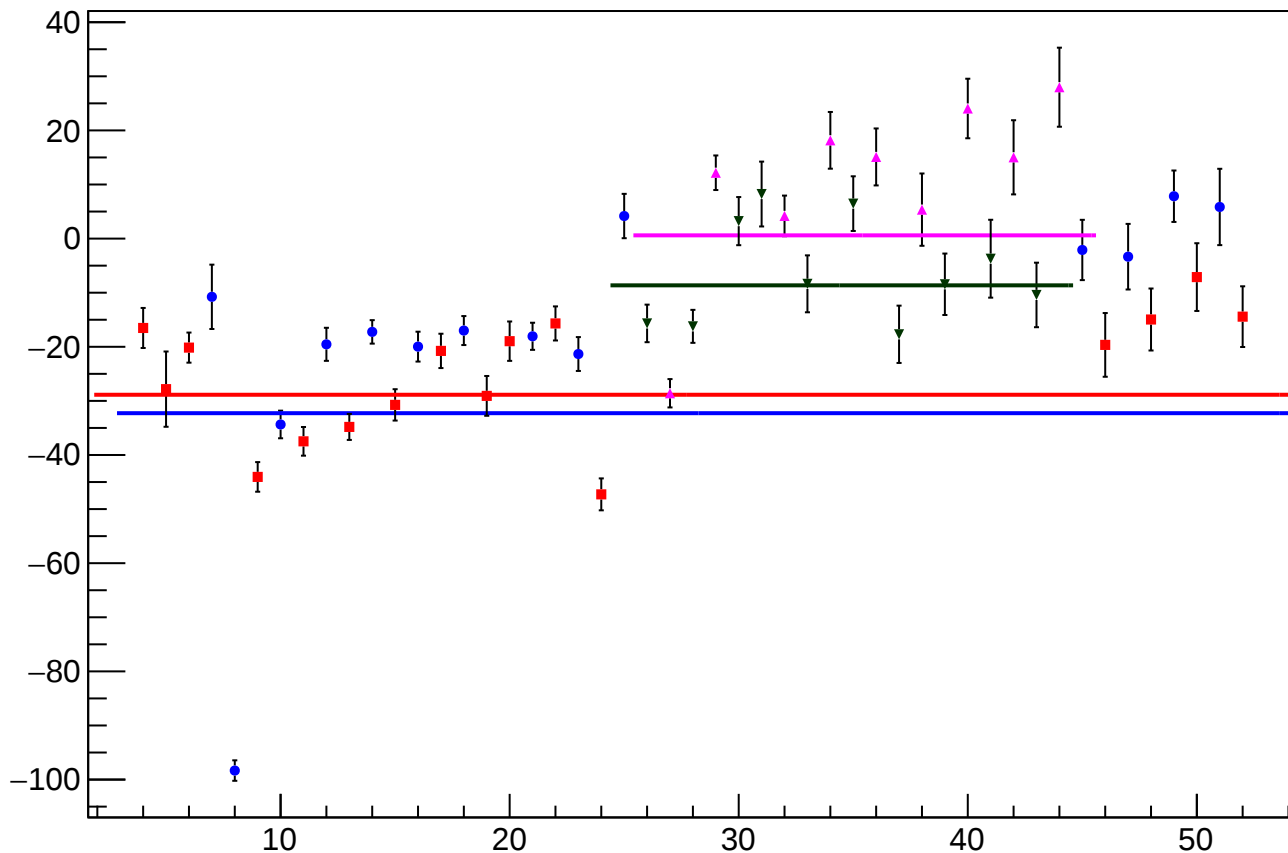
Right Out: 5258.202+/-1.281 χ^2/NDF : 39056.8/15

Left In: 4762.141+/-1.424 χ^2/NDF : 84948.8/8

5091.006+/-0.956 χ^2/NDF : 191339.6/23

5036.385+/-0.952 χ^2/NDF : 191091.0/24

diff_bpm0l03Y_mean vs slug



Right In: -32.272 ± 0.818 χ^2/NDF : 1625.2/13

Left Out: -8.640 ± 1.477 χ^2/NDF : 37.8/9

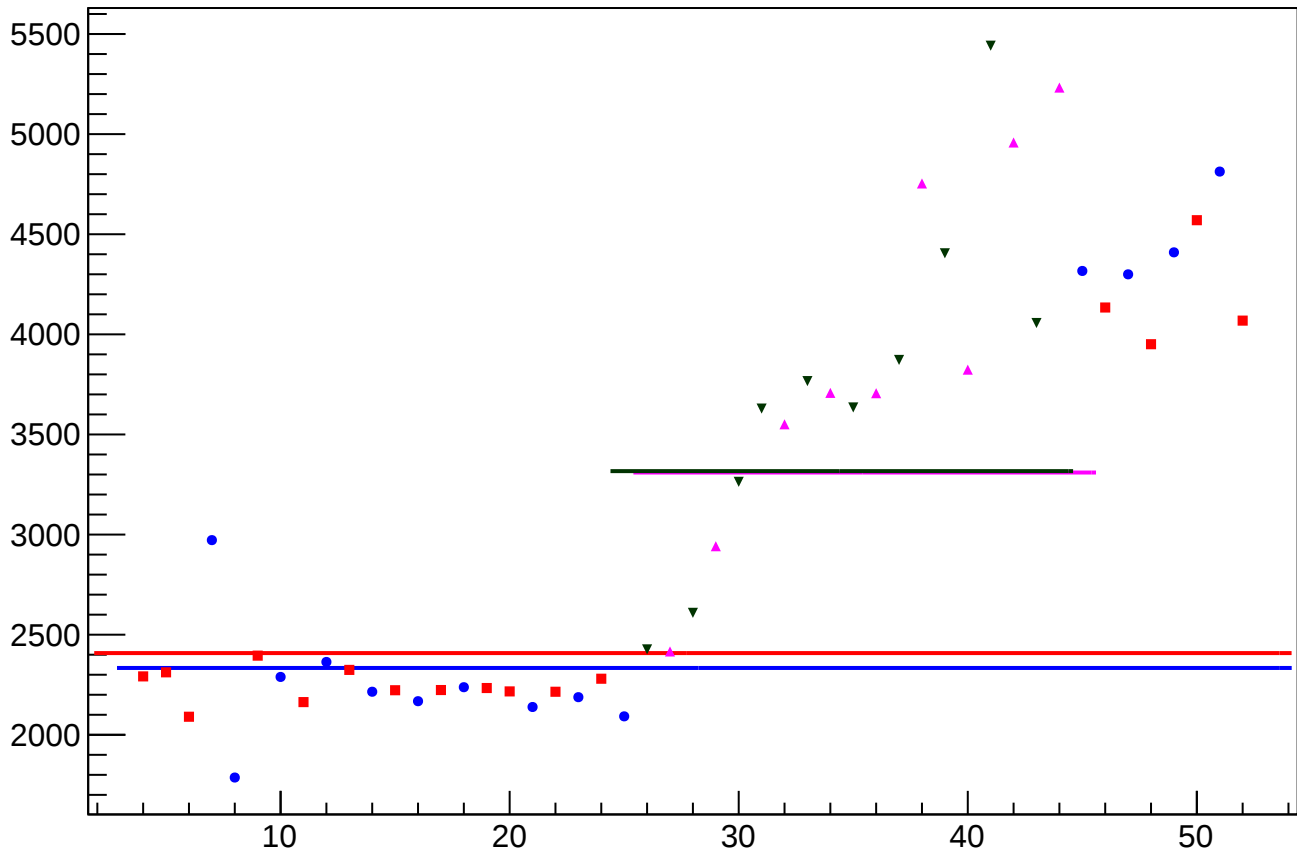
Right Out: -28.866 ± 0.854 χ^2/NDF : 166.2/15

Left In: 0.601 ± 1.440 χ^2/NDF : 194.1/8

-26.729 ± 0.715 χ^2/NDF : 1858.9/23

-21.199 ± 0.734 χ^2/NDF : 670.2/24

diff_bpm0l03Y_rms vs slug



Right In: 2333.818+/-0.578 χ^2/NDF : 1322065.7/13

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

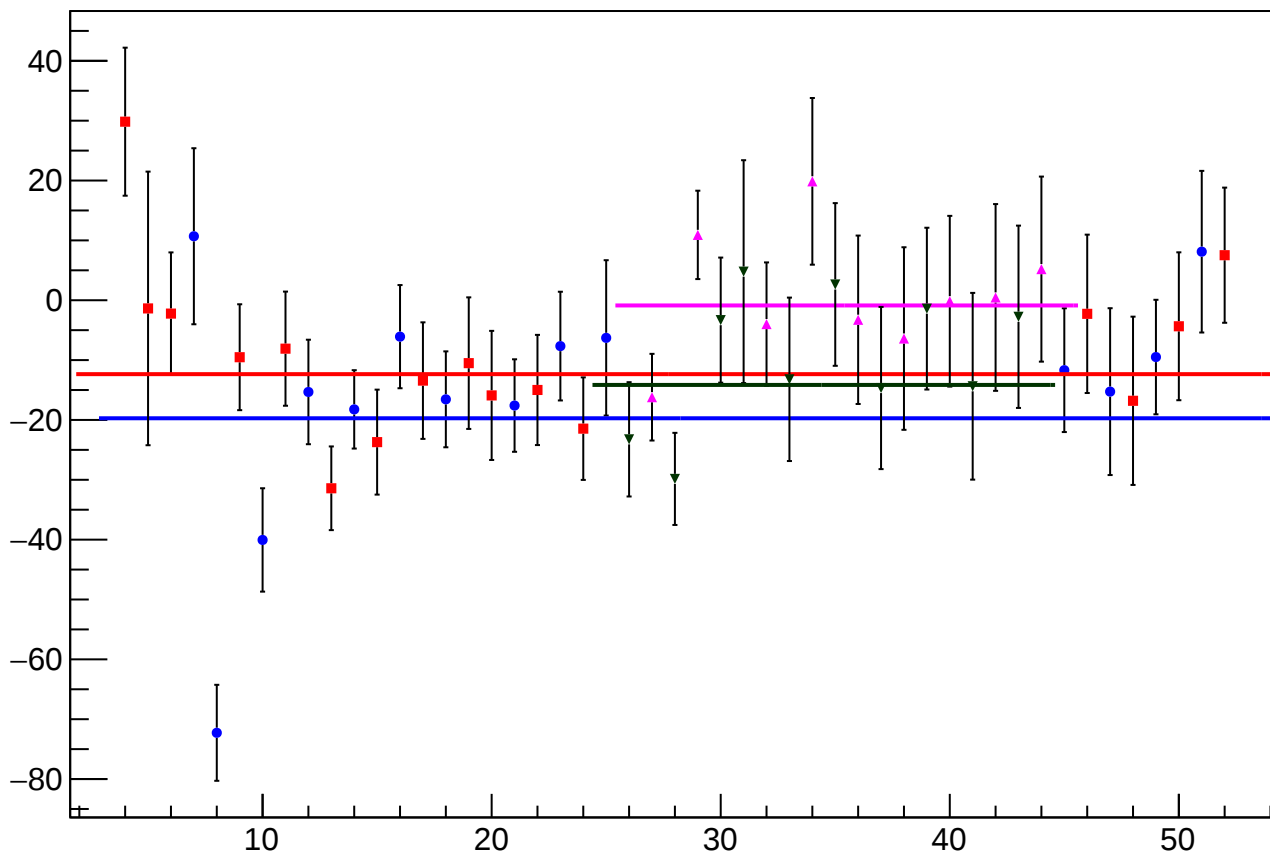
Right Out: 2408.125+/-0.604 χ^2/NDF : 814574.7/15

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

2564.423+/-0.506 χ^2/NDF : 2568165.3/23

2642.755+/-0.519 χ^2/NDF : 2050208.0/24

diff_bpm0l04X_mean vs slug



Right In: -19.721 ± 2.463 χ^2/NDF : 64.7/13

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

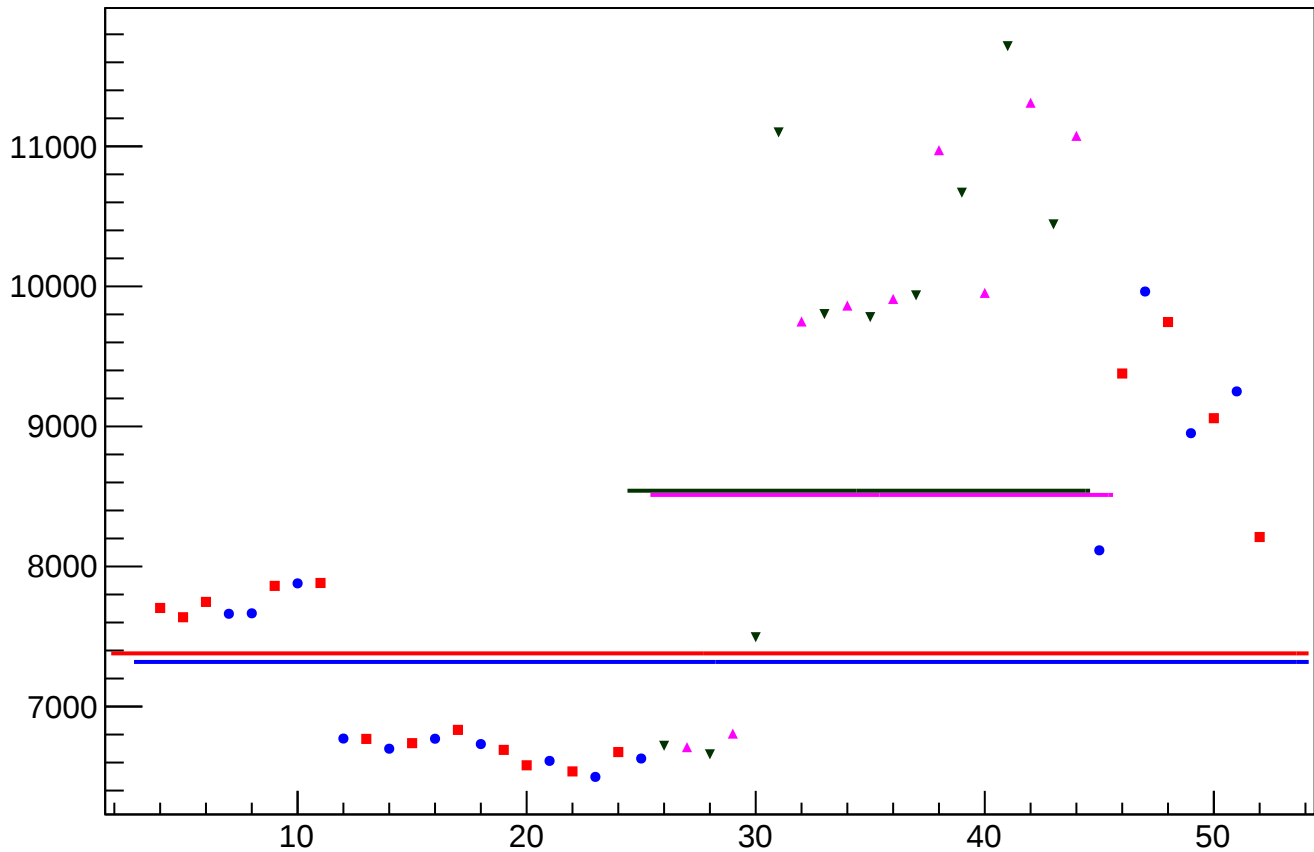
Right Out: -12.349 ± 2.554 χ^2/NDF : 27.8/15

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

-18.060 ± 2.064 χ^2/NDF : 76.4/23

-8.593 ± 2.095 χ^2/NDF : 44.1/24

diff_bpm0l04X_rms vs slug



Right In: 7318.468+/-1.742 χ^2/NDF : 279720.7/13

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

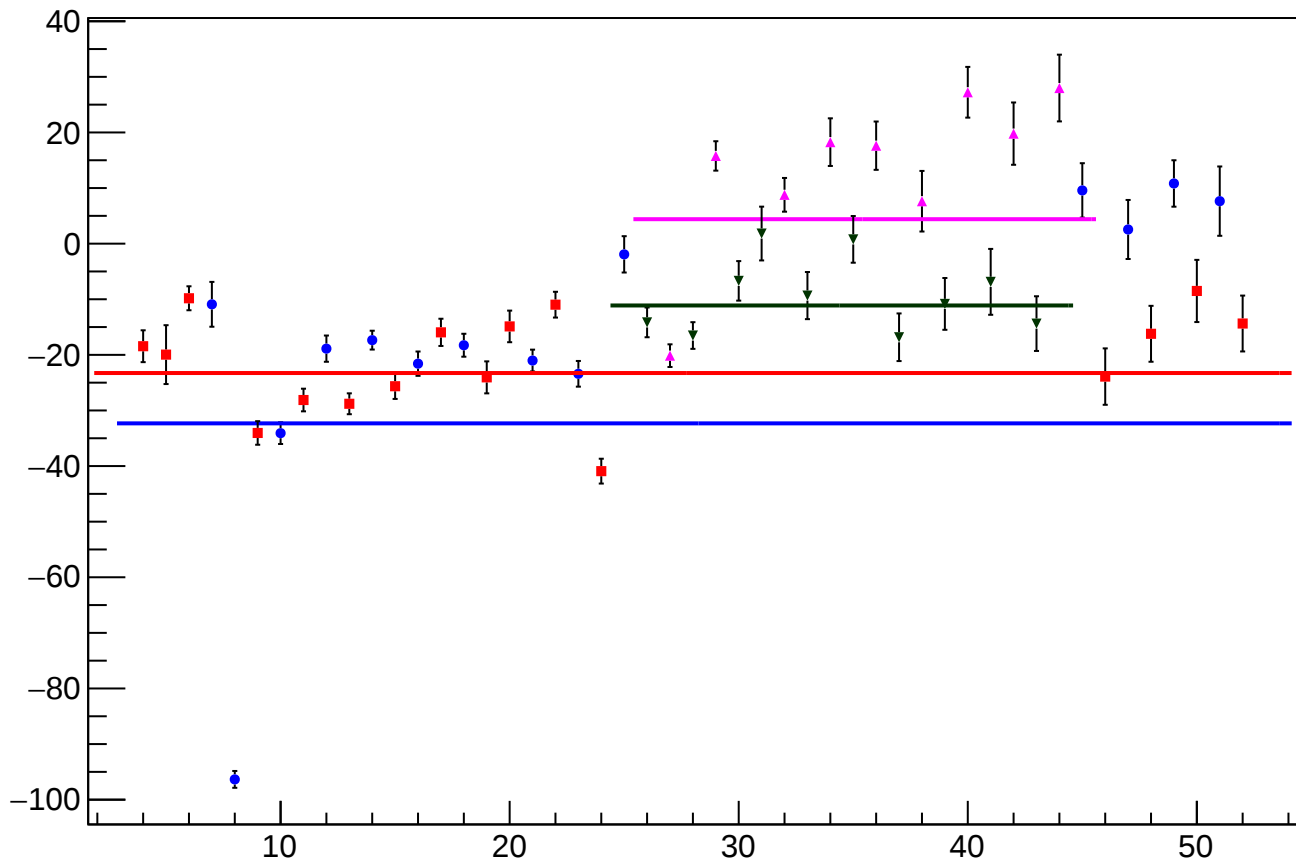
Right Out: 7379.609+/-1.806 χ^2/NDF : 247172.1/15

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

7683.030+/-1.459 χ^2/NDF : 895311.7/23

7749.857+/-1.481 χ^2/NDF : 865474.0/24

diff_bpm0l04Y_mean vs slug



Right In: -32.321 $\pm$ 0.641 χ^2/NDF : 2400.0/13

Left Out: -11.117 $\pm$ 1.180 χ^2/NDF : 26.0/9

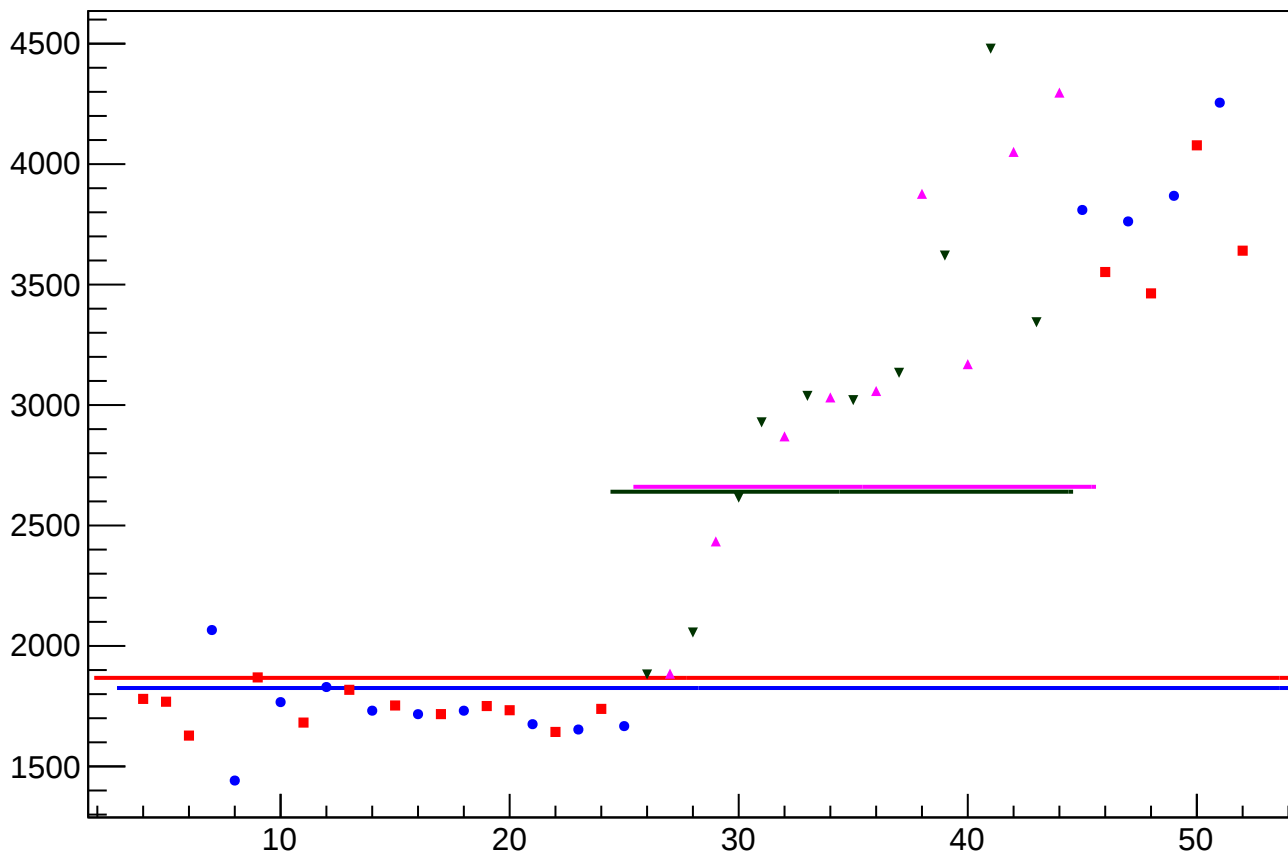
Right Out: -23.267 $\pm$ 0.665 χ^2/NDF : 203.8/15

Left In: 4.400 $\pm$ 1.161 χ^2/NDF : 233.8/8

-27.490 $\pm$ 0.563 χ^2/NDF : 2675.4/23

-16.433 $\pm$ 0.577 χ^2/NDF : 864.8/24

diff_bpm0l04Y_rms vs slug



Right In: 1825.419+/-0.453 χ^2/NDF : 1558272.9/13

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

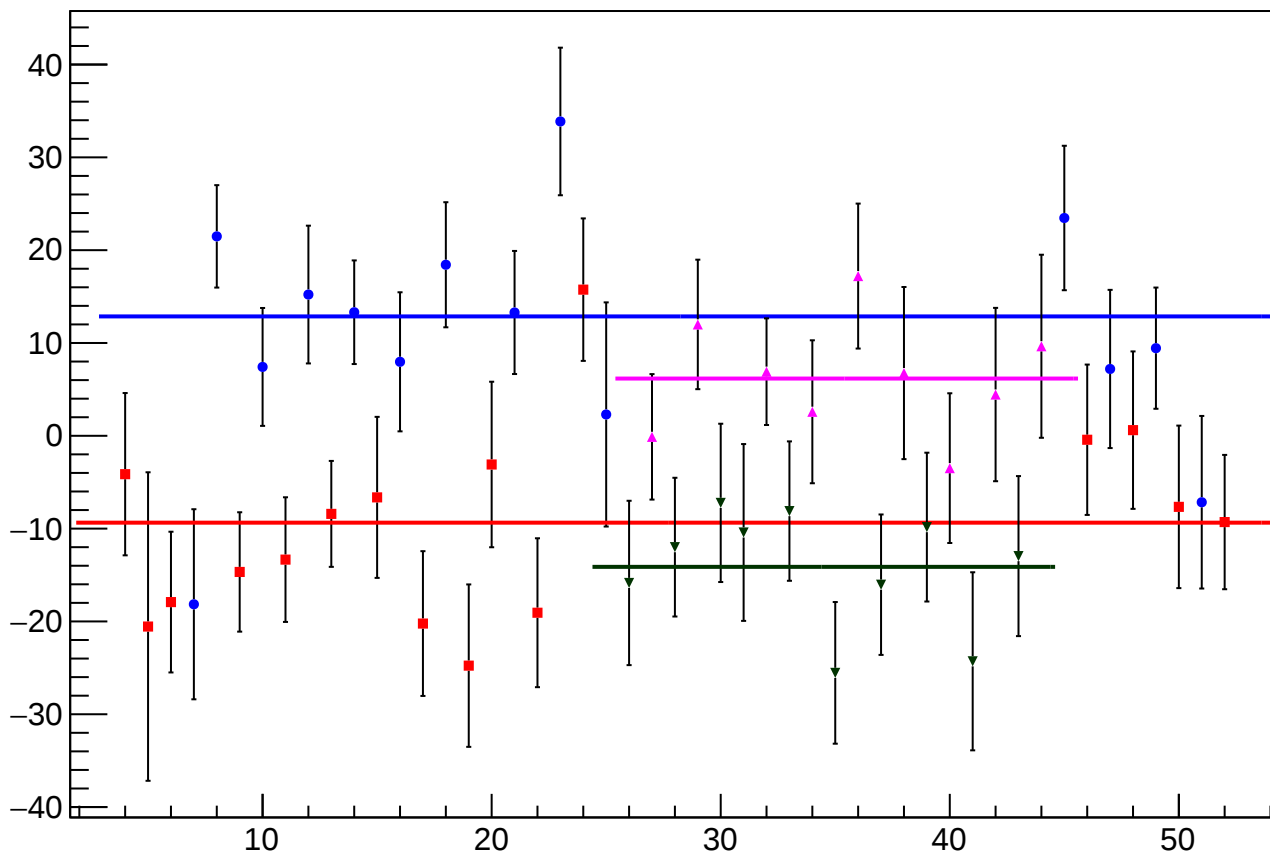
Right Out: 1867.490+/-0.470 χ^2/NDF : 1074758.3/15

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

2011.035+/-0.398 χ^2/NDF : 2964168.4/23

2063.416+/-0.408 χ^2/NDF : 2519205.1/24

diff_bpm0l05X_mean vs slug



Right In: 12.863 ± 1.932 $\chi^2/\text{NDF}: 28.5/13$

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

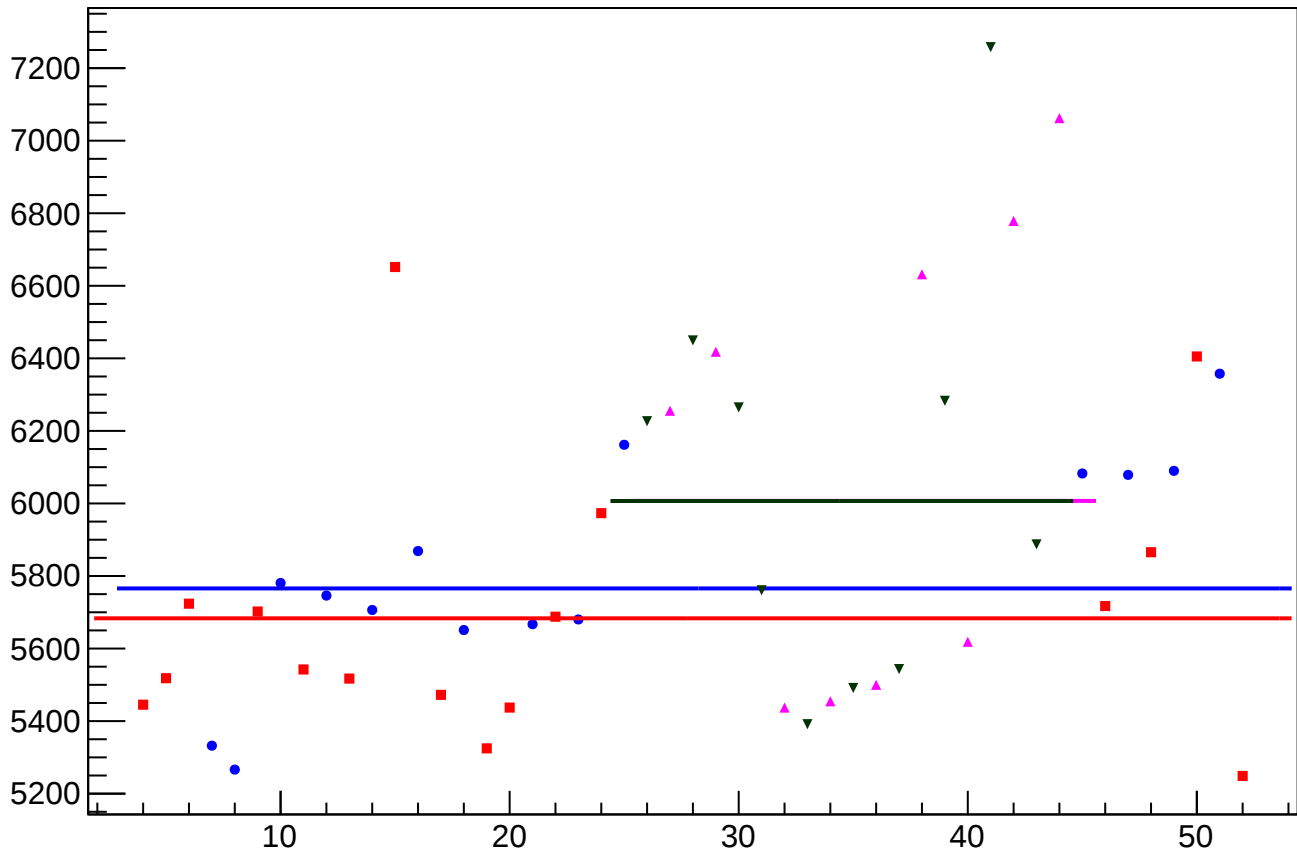
Right Out: -9.359 ± 1.960 $\chi^2/\text{NDF}: 23.6/15$

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

3.276 ± 1.551 $\chi^2/\text{NDF}: 103.1/23$

-3.570 ± 1.552 $\chi^2/\text{NDF}: 52.4/24$

diff_bpm0l05X_rms vs slug



Right In: 5765.707 $\pm$ 1.366 χ^2 /NDF: 43051.6/13

Left Out: 6006.744 $\pm$ 1.840 χ^2 /NDF:78250.5/9

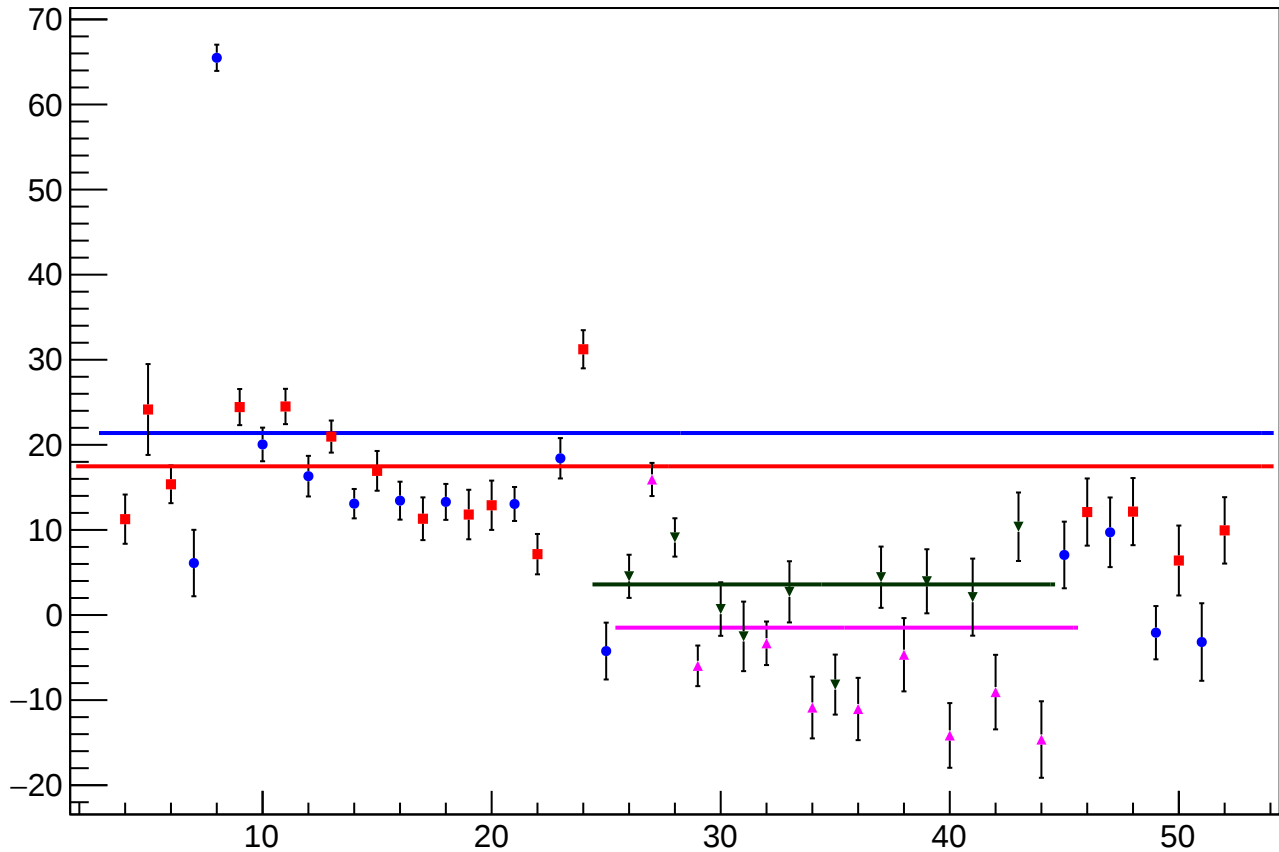
Right Out: 5683.330 $\pm$ 1.386 χ^2 /NDF: 60218.9/15

Left In: 6007.013 $\pm$ 1.798 χ^2 /NDF:98309.1/8

5851.350 $\pm$ 1.097 χ^2 /NDF: 132366.0/23

5803.998 $\pm$ 1.098 χ^2 /NDF: 178864.7/24

diff_bpm0l05Y_mean vs slug



Right In: 21.389 $\pm$ 0.636 χ^2 /NDF: 1073.8/13

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

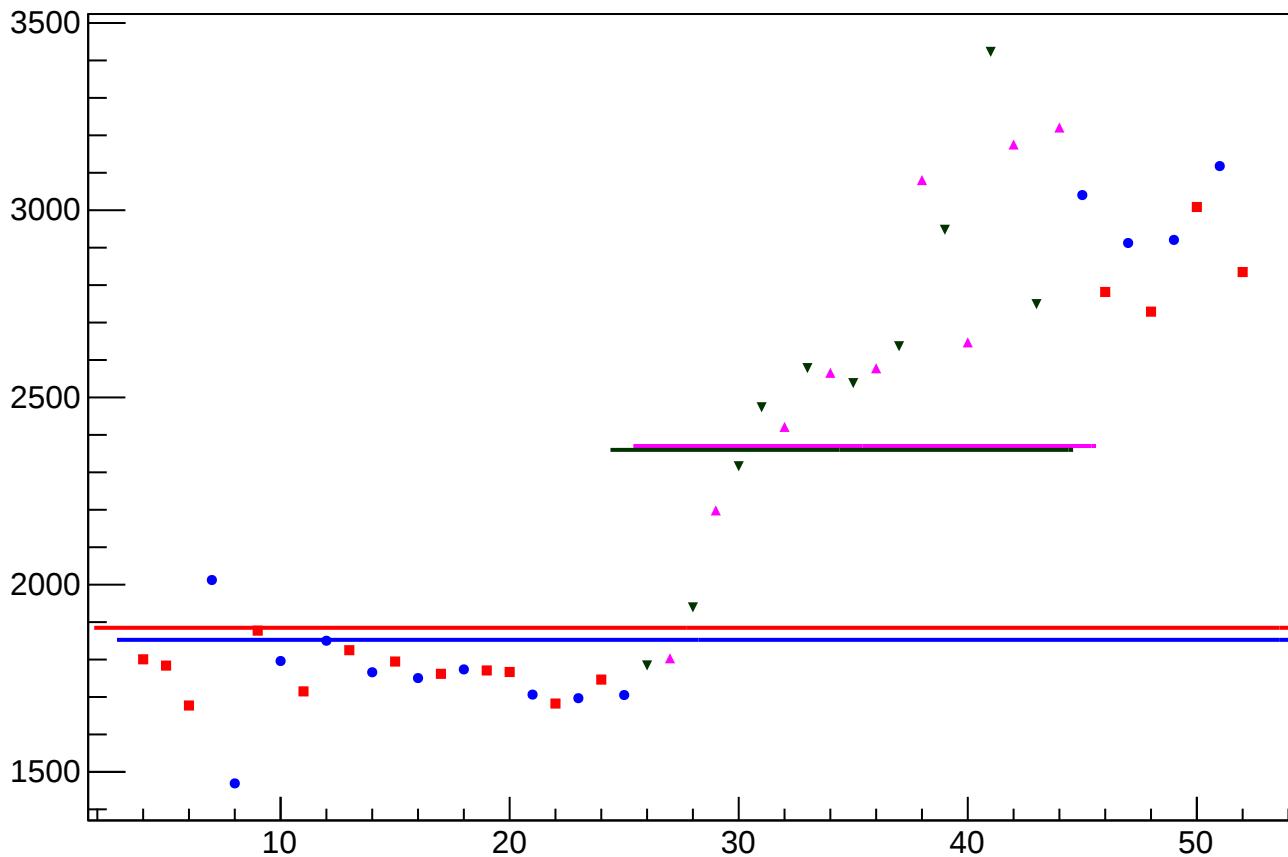
Right Out: 17.476 $\pm$ 0.659 χ^2 /NDF: 116.3/15

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

16.527 $\pm$ 0.542 χ^2 /NDF: 1311.1/23

11.867 $\pm$ 0.553 χ^2 /NDF: 481.8/24

diff_bpm0l05Y_rms vs slug



Right In: 1852.680 ± 0.450 χ^2/NDF : 869046.9/13

Left Out: 2359.972 ± 0.733 χ^2/NDF : 376681.6/9

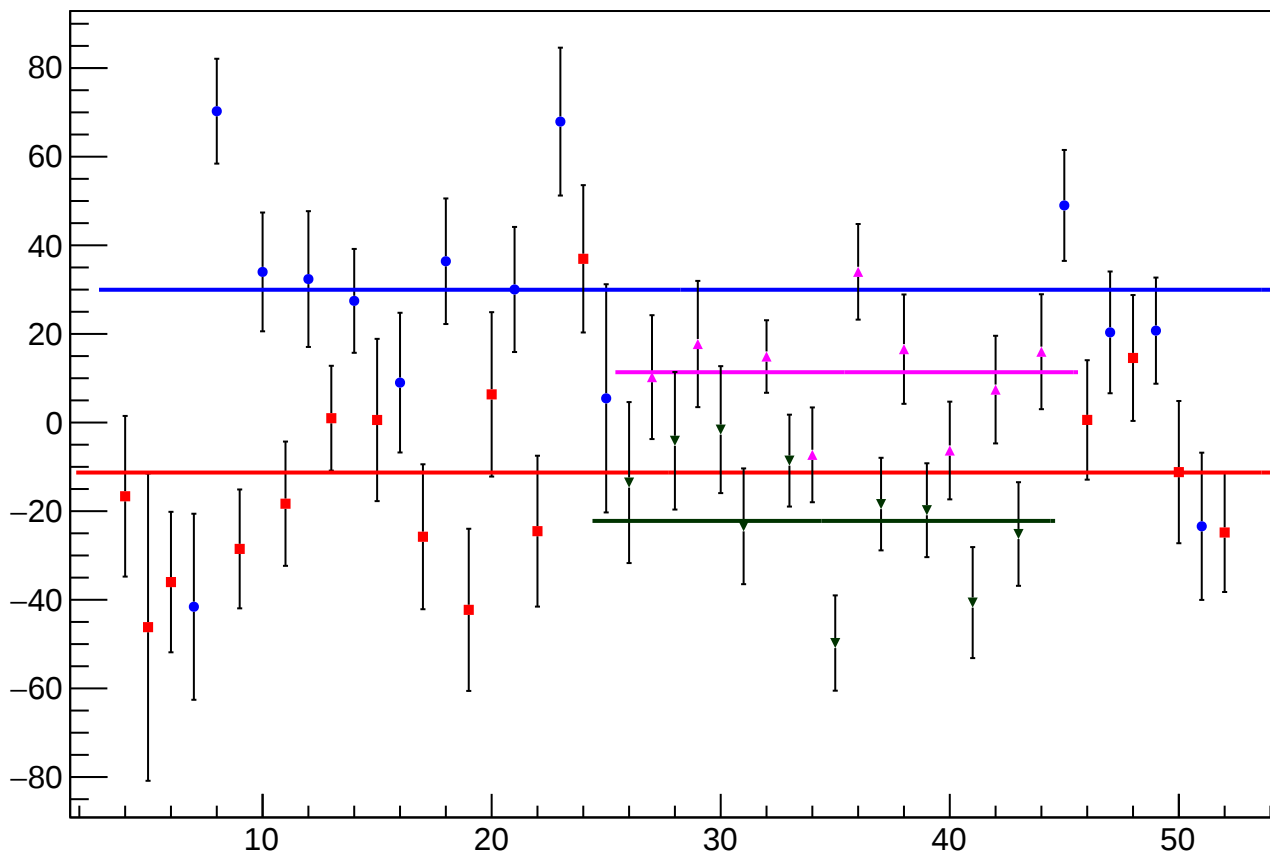
Right Out: 1884.843 ± 0.466 χ^2/NDF : 534617.0/15

Left In: 2370.321 ± 0.719 χ^2/NDF : 396932.3/8

1991.299 ± 0.383 χ^2/NDF : 1593374.6/23

2028.460 ± 0.391 χ^2/NDF : 1252566.0/24

diff_bpm0l06X_mean vs slug



Right In: 29.969 $\pm$ 3.837 χ^2 /NDF: 45.1/13

Left Out: -22.199 $\pm$ 3.845 χ^2 /NDF:14.4/9

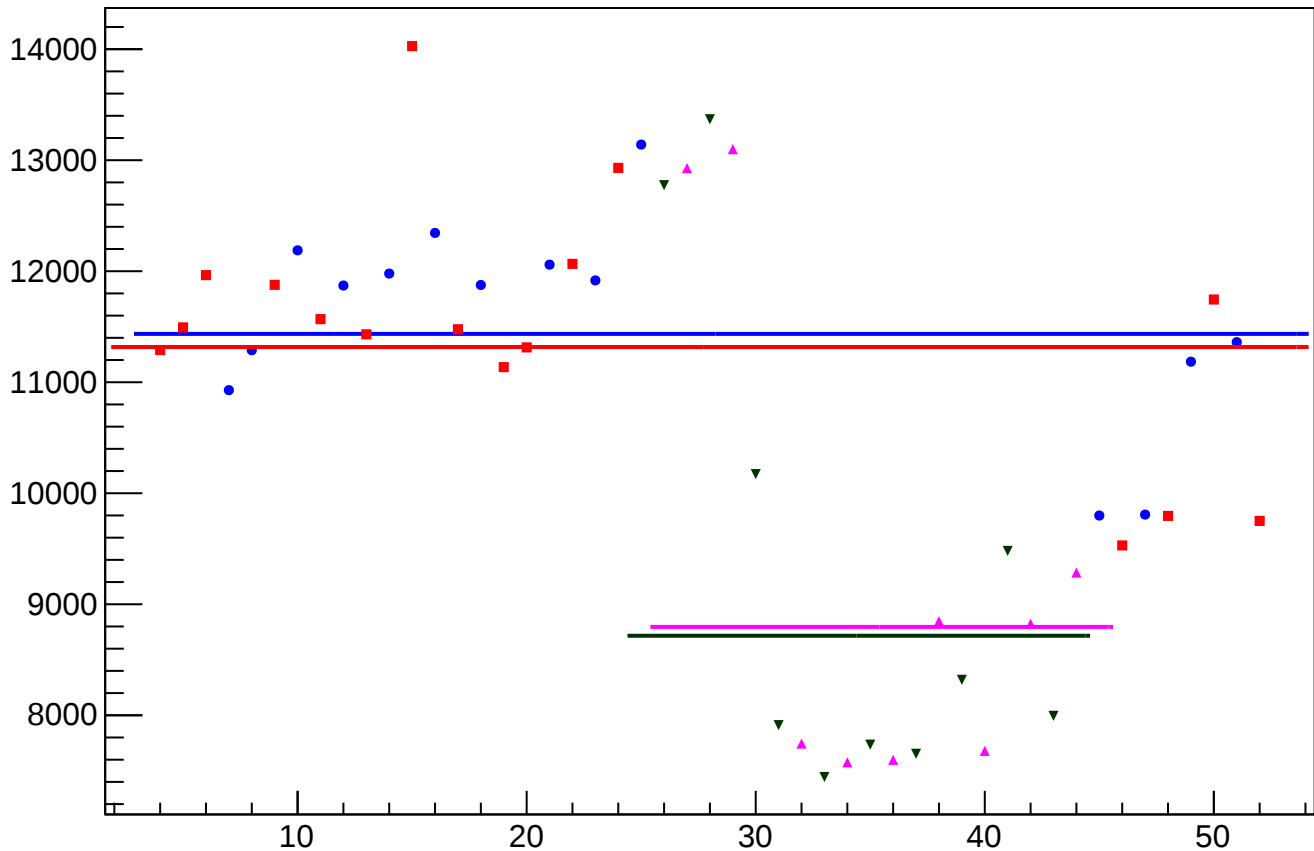
Right Out: -11.282 $\pm$ 3.916 χ^2 /NDF: 25.6/15

Left In: 11.359 $\pm$ 3.785 χ^2 /NDF:10.8/8

3.939 $\pm$ 2.716 χ^2 /NDF: 151.7/23

0.424 $\pm$ 2.721 χ^2 /NDF: 53.7/24

diff_bpm0l06X_rms vs slug



Right In: 11435.557+/-2.714 χ^2/NDF : 99770.0/13

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

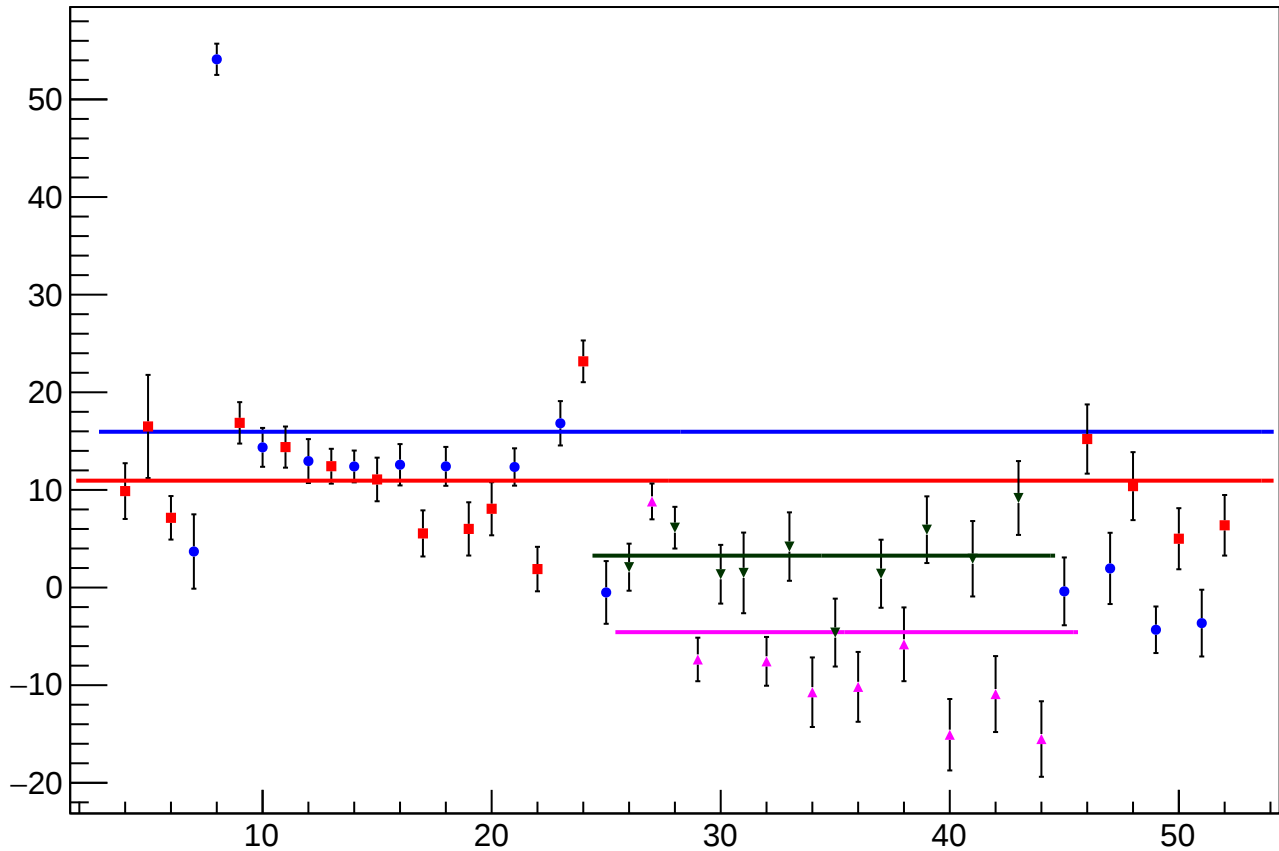
10078.833+/-1.921 χ^2/NDF : 993924.1/23

Right Out: 11317.208+/-2.769 χ^2/NDF : 161369.0/15

10013.723+/-1.924 χ^2/NDF : 1054280.1/24

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

diff_bpm0l06Y_mean vs slug



Right In: 15.958 ± 0.604 χ^2/NDF : 763.6/13

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

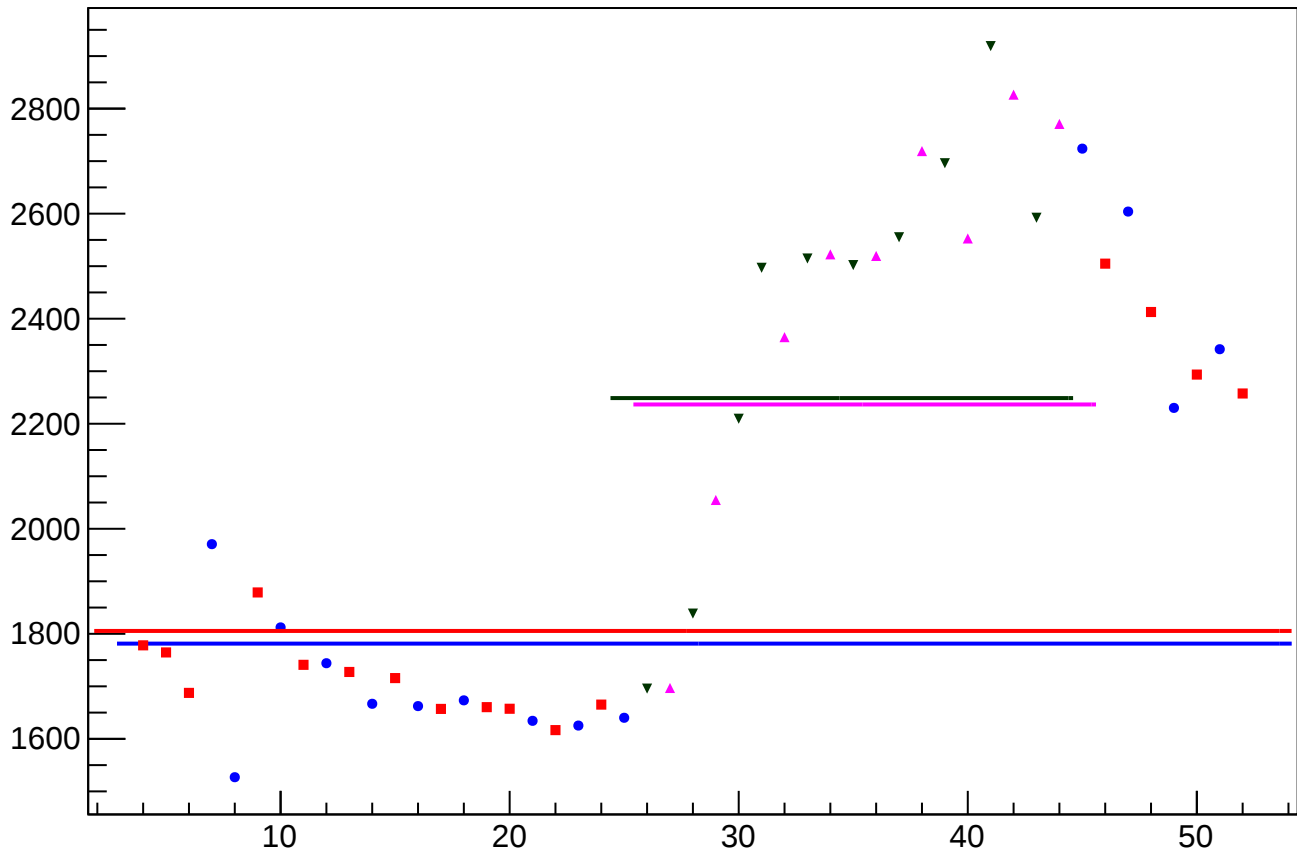
Right Out: 10.949 ± 0.626 χ^2/NDF : 80.7/15

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

12.496 ± 0.515 χ^2/NDF : 895.3/23

6.293 ± 0.524 χ^2/NDF : 345.8/24

diff_bpm0l06Y_rms vs slug



Right In: 1781.346+/-0.427 χ^2/NDF : 477291.0/13

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

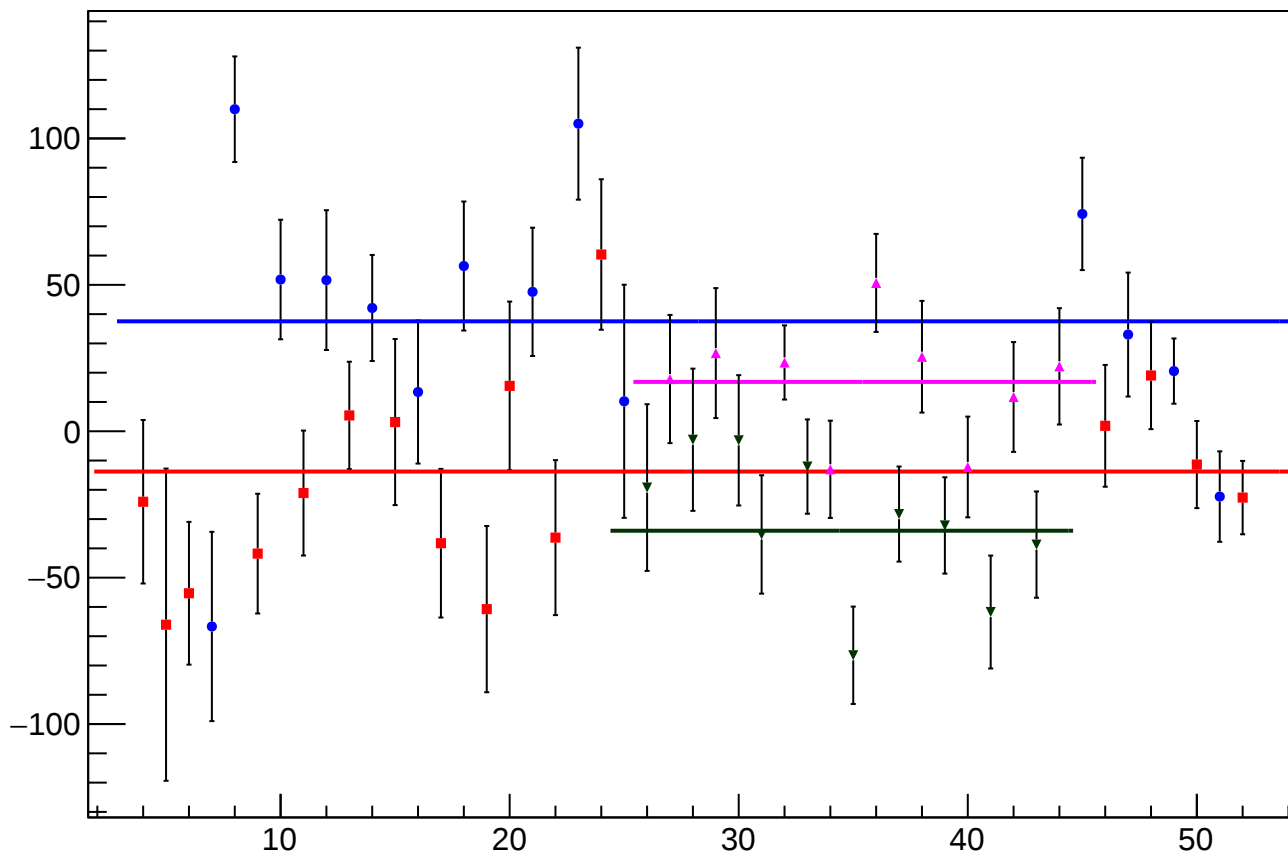
Right Out: 1805.474+/-0.443 χ^2/NDF : 288922.6/15

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

1908.878+/-0.364 χ^2/NDF : 1139844.1/23

1934.860+/-0.370 χ^2/NDF : 922567.2/24

diff_bpm0l07X_mean vs slug



Right In: 37.546 ± 5.244 $\chi^2/\text{NDF}: 57.6/13$

Left Out: -33.973 ± 5.967 $\chi^2/\text{NDF}: 14.5/9$

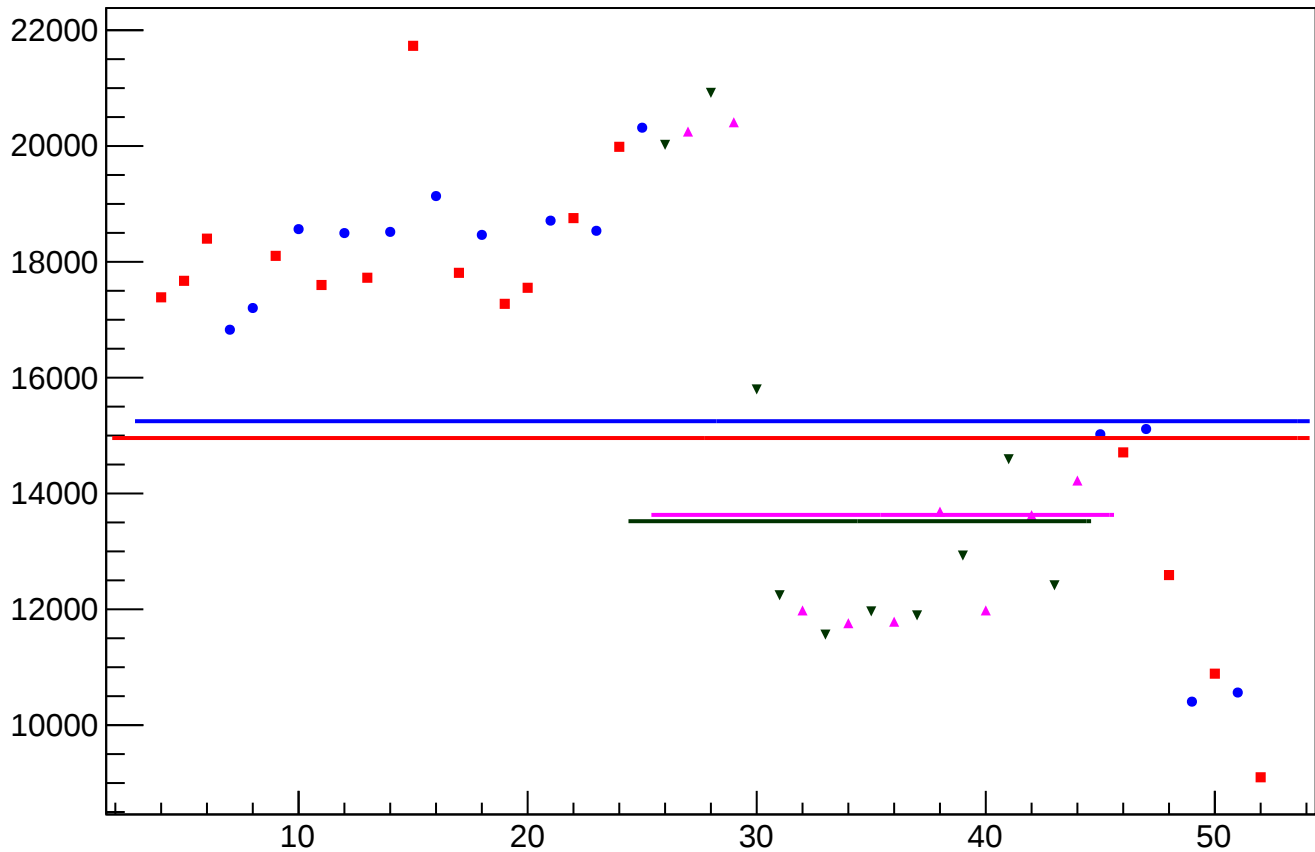
Right Out: -13.756 ± 5.327 $\chi^2/\text{NDF}: 25.5/15$

Left In: 16.860 ± 5.867 $\chi^2/\text{NDF}: 11.0/8$

6.381 ± 3.939 $\chi^2/\text{NDF}: 153.2/23$

0.079 ± 3.944 $\chi^2/\text{NDF}: 51.4/24$

diff_bpm0l07X_rms vs slug



Right In: 15248.354+/-3.708 χ^2/NDF : 953234.0/13

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

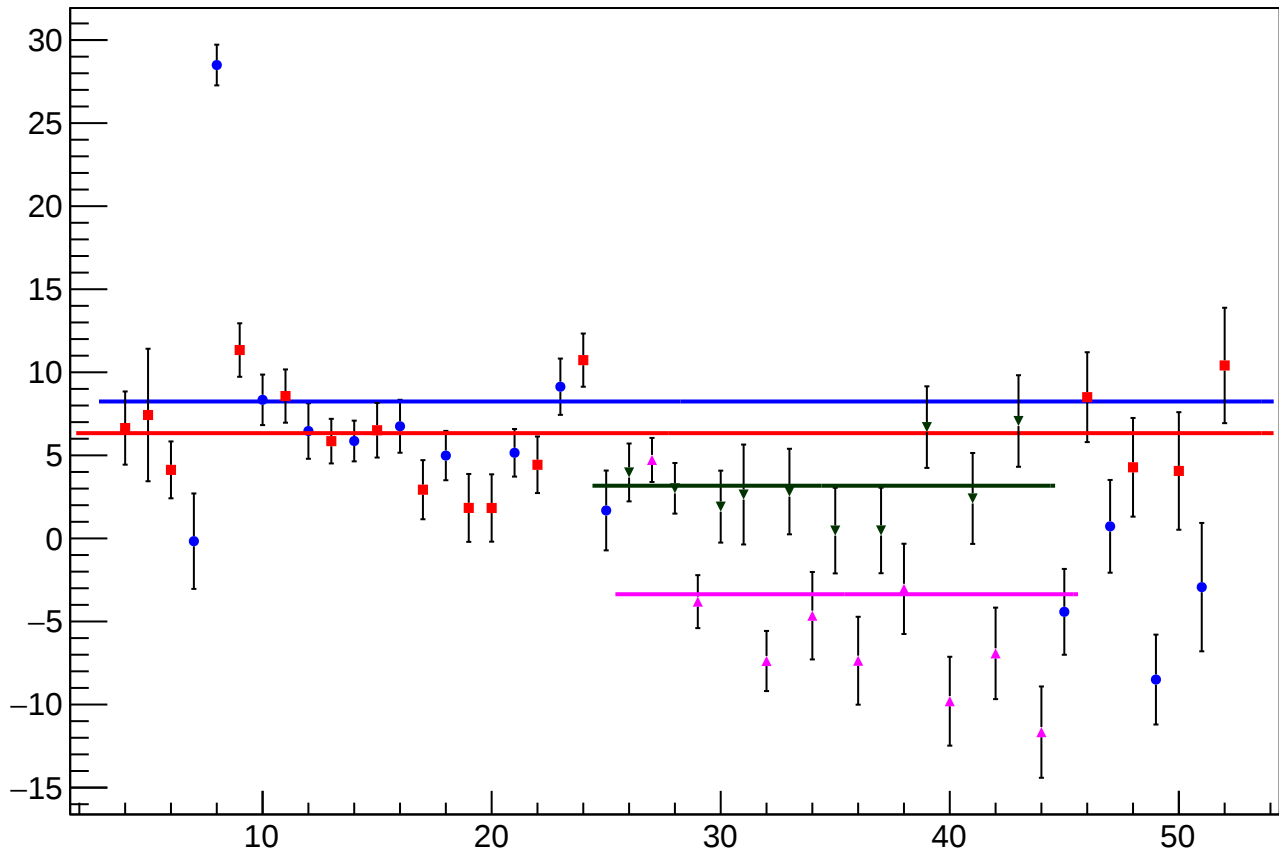
14495.886+/-2.785 χ^2/NDF : 1449777.1/23

Right Out: 14957.622+/-3.767 χ^2/NDF : 1090890.4/15

14357.851+/-2.789 χ^2/NDF : 1620212.3/24

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

diff_bpm0l07Y_mean vs slug



Right In: 8.243 ± 0.467 $\chi^2/\text{NDF}: 382.7/13$

Left Out: 3.172 ± 0.713 $\chi^2/\text{NDF}: 6.9/9$

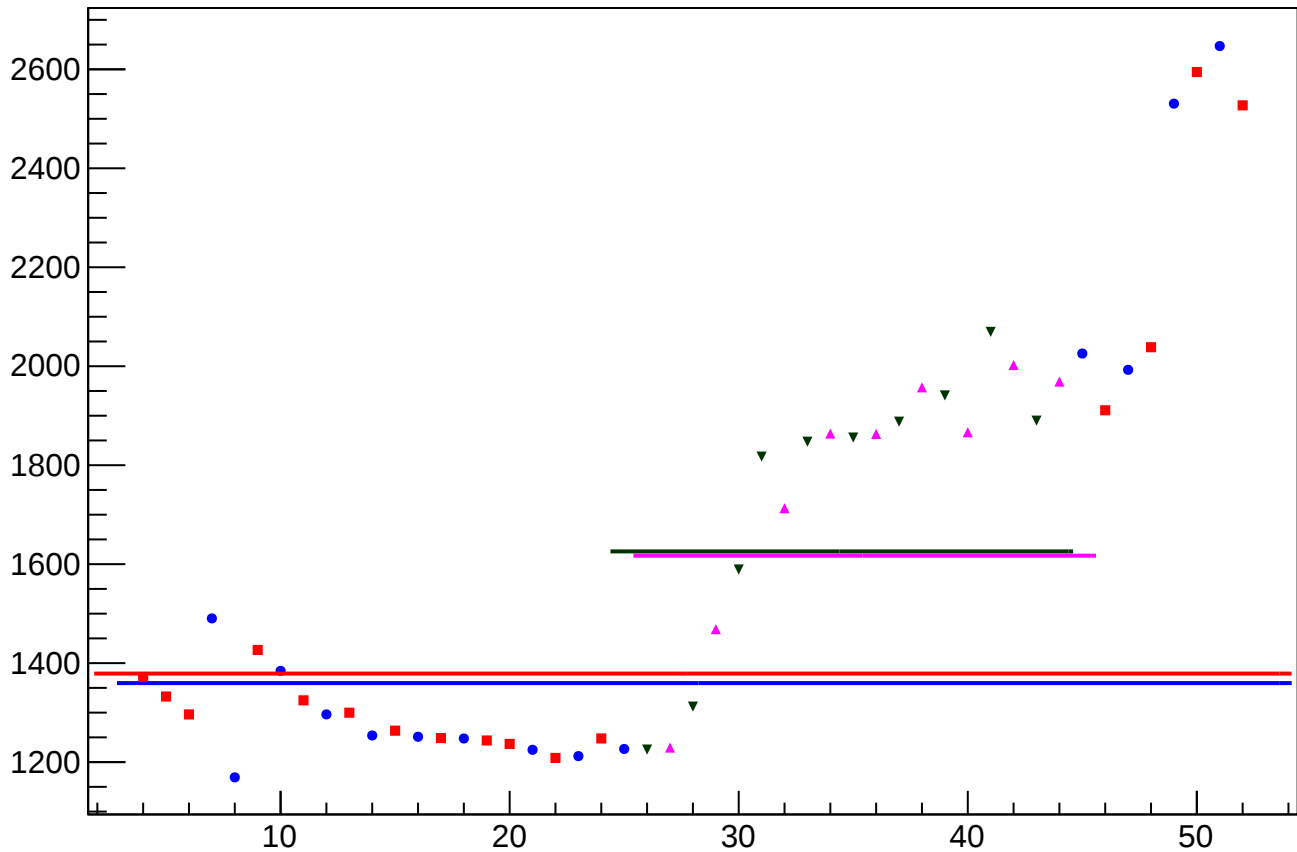
Right Out: 6.337 ± 0.485 $\chi^2/\text{NDF}: 38.6/15$

Left In: -3.360 ± 0.691 $\chi^2/\text{NDF}: 61.2/8$

6.719 ± 0.391 $\chi^2/\text{NDF}: 425.0/23$

3.141 ± 0.397 $\chi^2/\text{NDF}: 231.8/24$

diff_bpm0l07Y_rms vs slug



Right In: 1359.702+/-0.330 χ^2/NDF : 962848.2/13

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

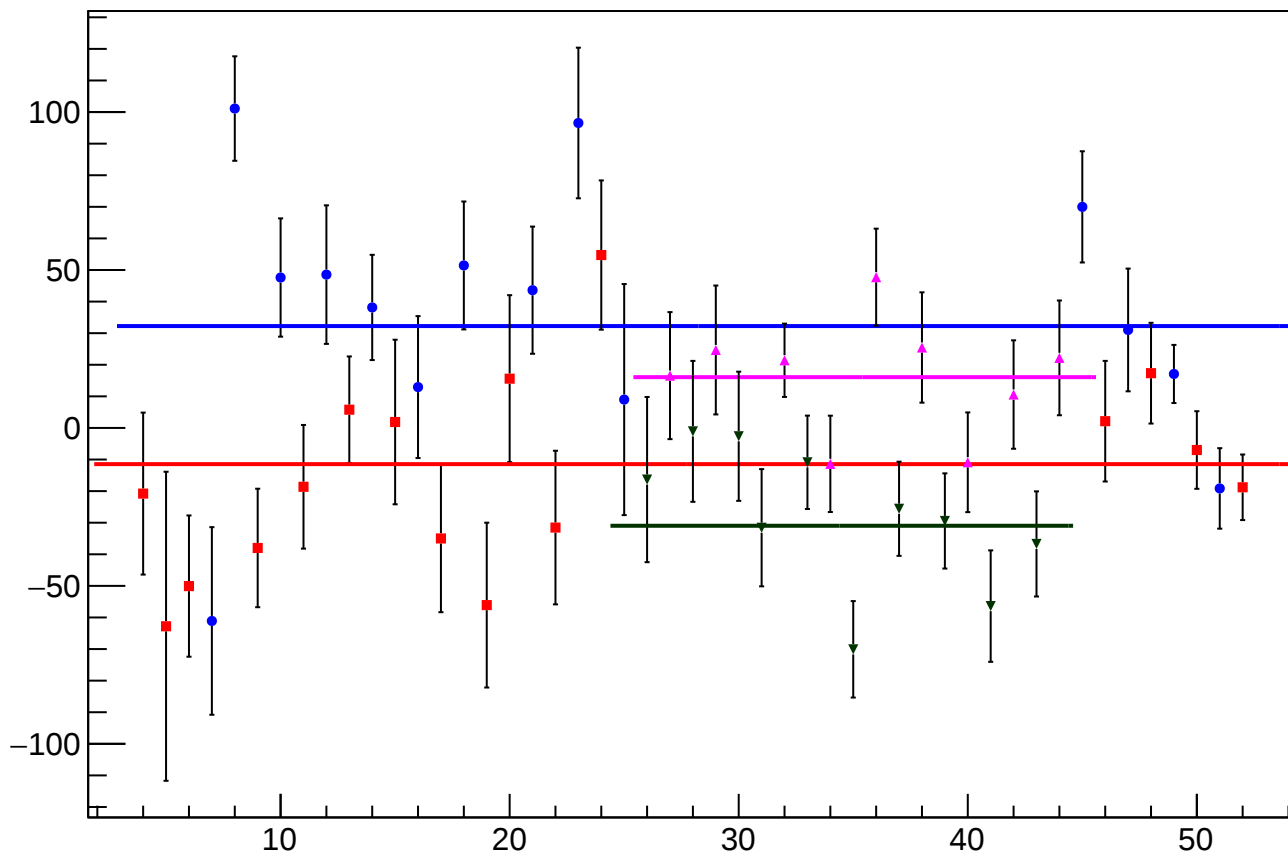
1439.646+/-0.276 χ^2/NDF : 1512413.7/23

Right Out: 1378.890+/-0.343 χ^2/NDF : 719054.0/15

1457.430+/-0.281 χ^2/NDF : 1227538.9/24

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

diff_bpm0l08X_mean vs slug



Right In: 32.249 $\pm$ 4.634 χ^2 /NDF: 61.8/13

Left Out: -30.968 $\pm$ 5.475 χ^2 /NDF:14.8/9

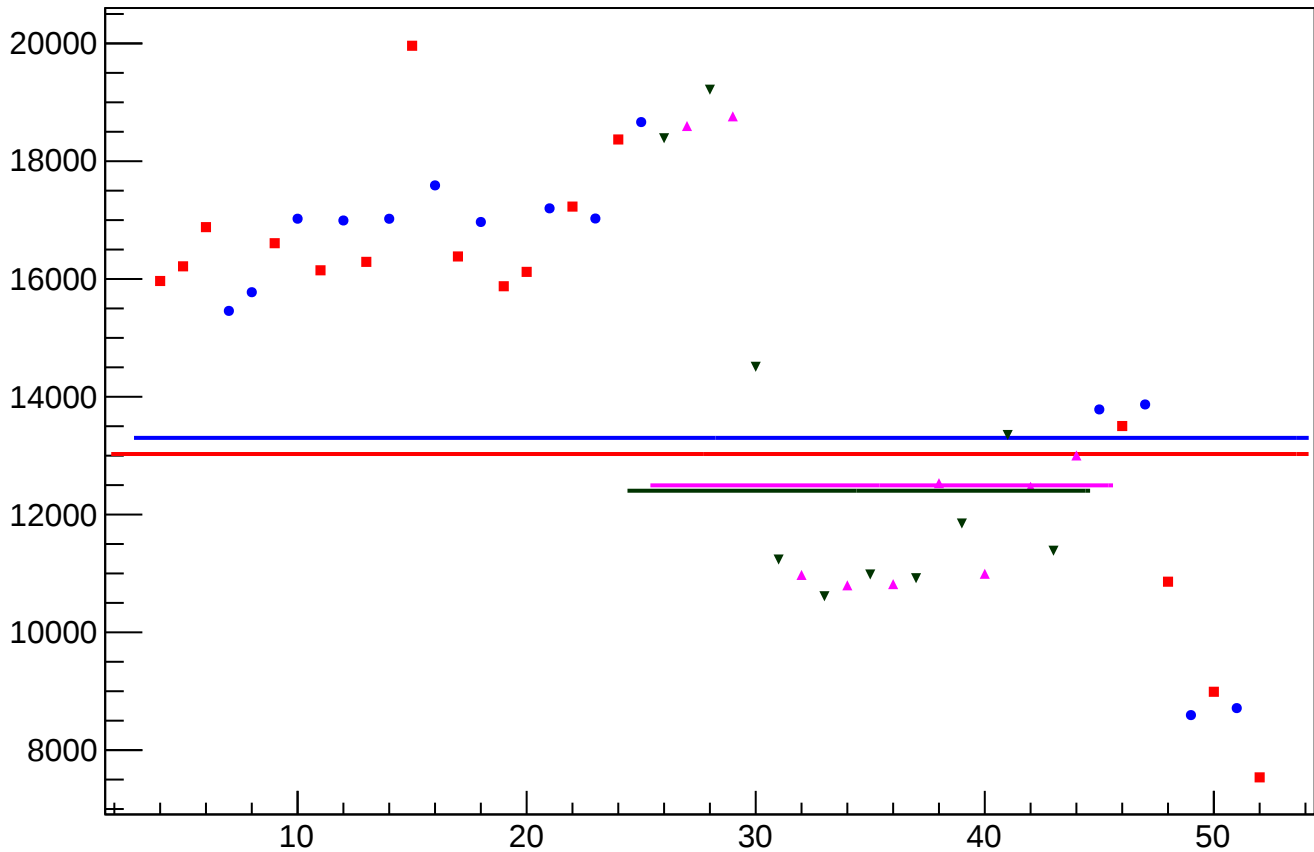
Right Out: -11.457 $\pm$ 4.704 χ^2 /NDF: 25.6/15

Left In: 16.079 $\pm$ 5.379 χ^2 /NDF:11.3/8

5.863 $\pm$ 3.537 χ^2 /NDF: 154.3/23

0.477 $\pm$ 3.541 χ^2 /NDF: 51.7/24

diff_bpm0l08X_rms vs slug



Right In: 13302.129+/-3.277 χ^2/NDF : 1382103.8/13

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

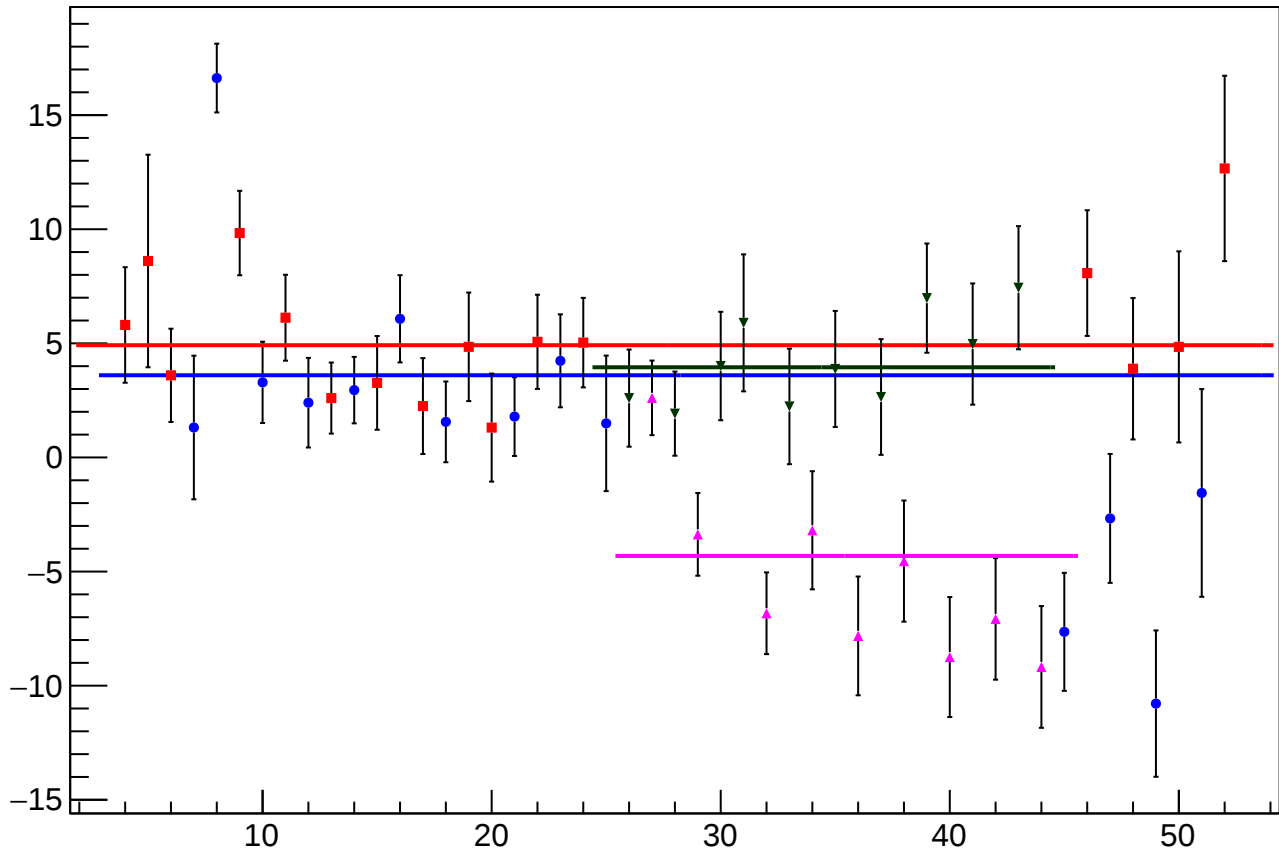
12927.524+/-2.501 χ^2/NDF : 1816288.3/23

Right Out: 13028.149+/-3.326 χ^2/NDF : 1502984.4/15

12797.416+/-2.504 χ^2/NDF : 1989596.5/24

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

diff_bpm0l08Y_mean vs slug



Right In: 3.602 ± 0.551 χ^2/NDF : 125.8/13

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

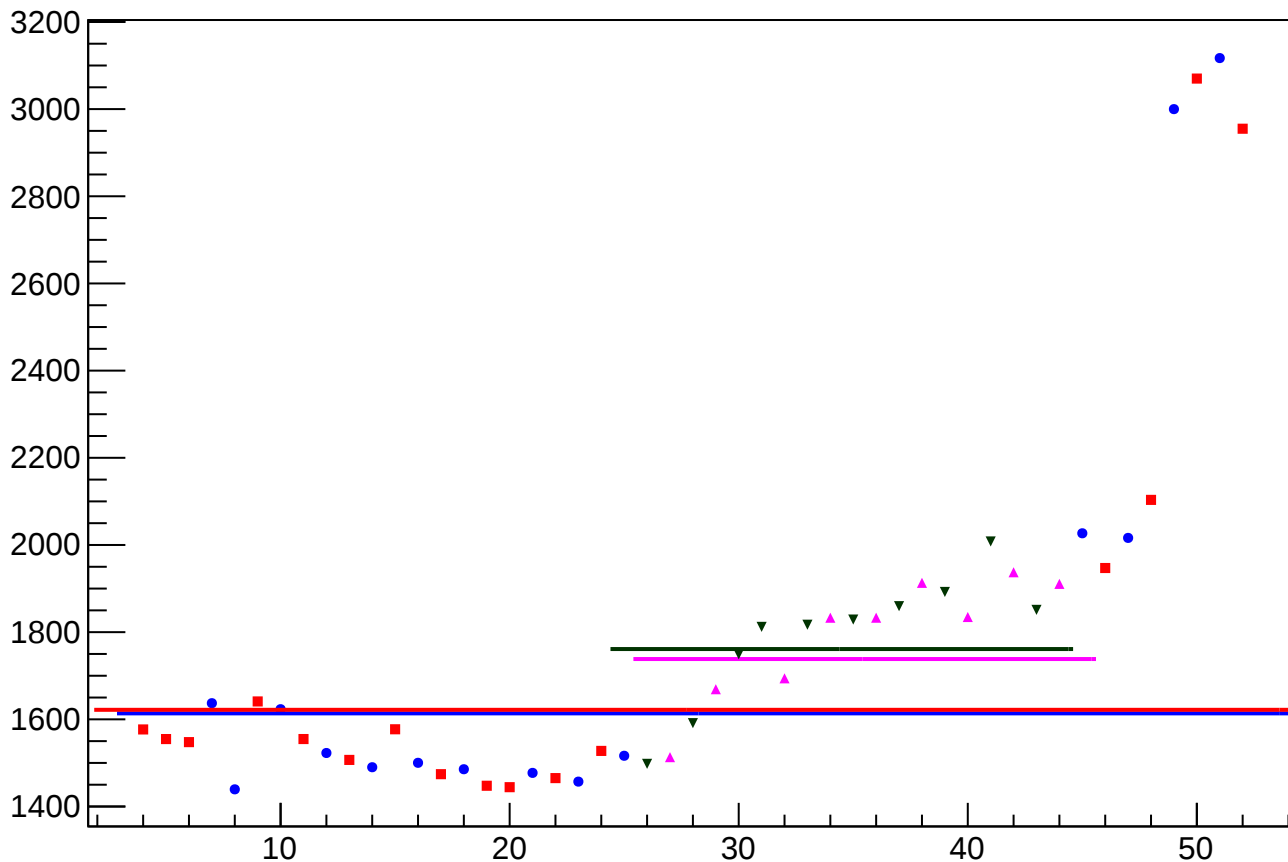
Right Out: 4.918 ± 0.568 χ^2/NDF : 20.5/15

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

3.722 ± 0.447 χ^2/NDF : 132.1/23

1.458 ± 0.449 χ^2/NDF : 148.9/24

diff_bpm0l08Y_rms vs slug



Right In: 1613.675+/-0.390 χ^2/NDF : 773306.9/13

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

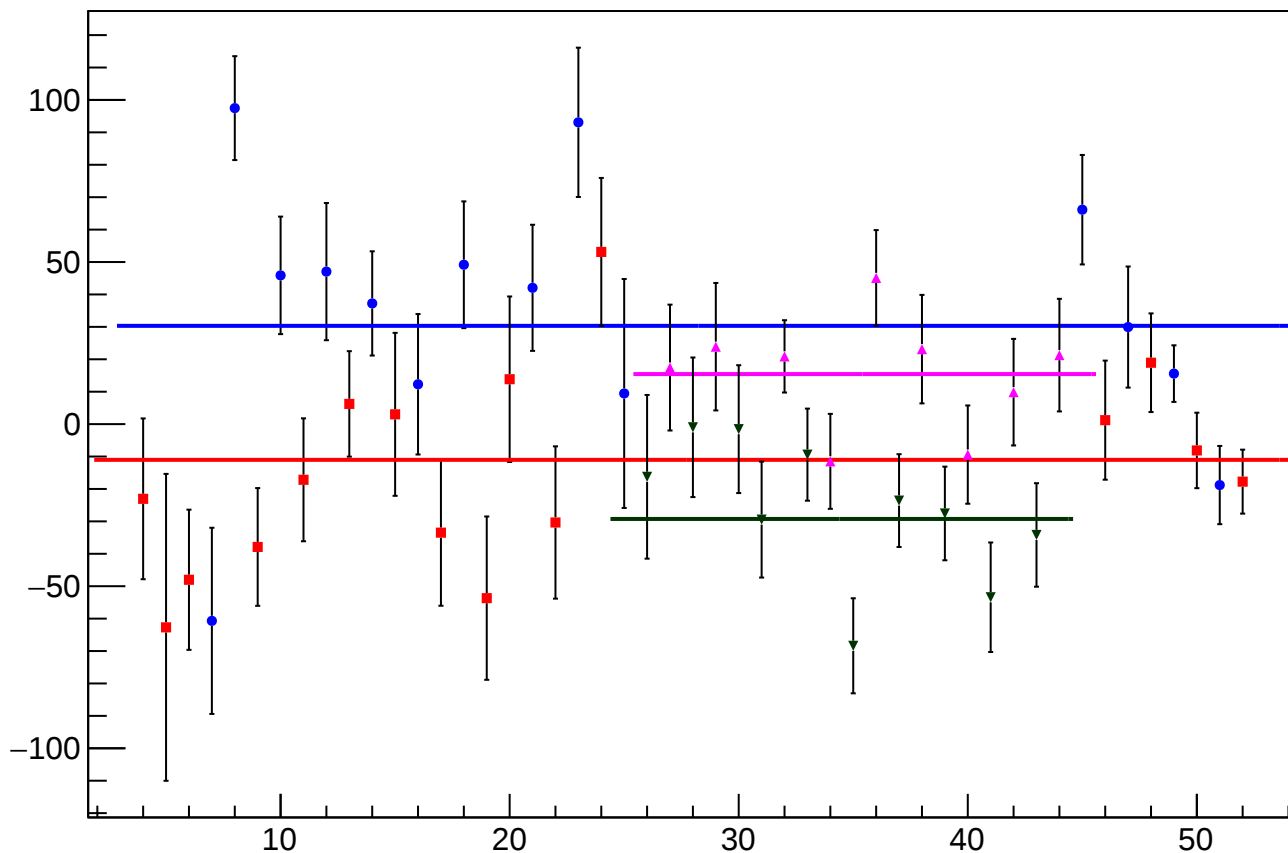
Right Out: 1621.841+/-0.402 χ^2/NDF : 597190.2/15

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

1664.398+/-0.316 χ^2/NDF : 901719.8/23

1665.502+/-0.318 χ^2/NDF : 707024.0/24

diff_bpm0l09X_mean vs slug



Right In: 30.319 $\pm$ 4.441 χ^2 /NDF: 62.8/13

Left Out: -29.254 $\pm$ 5.260 χ^2 /NDF:15.3/9

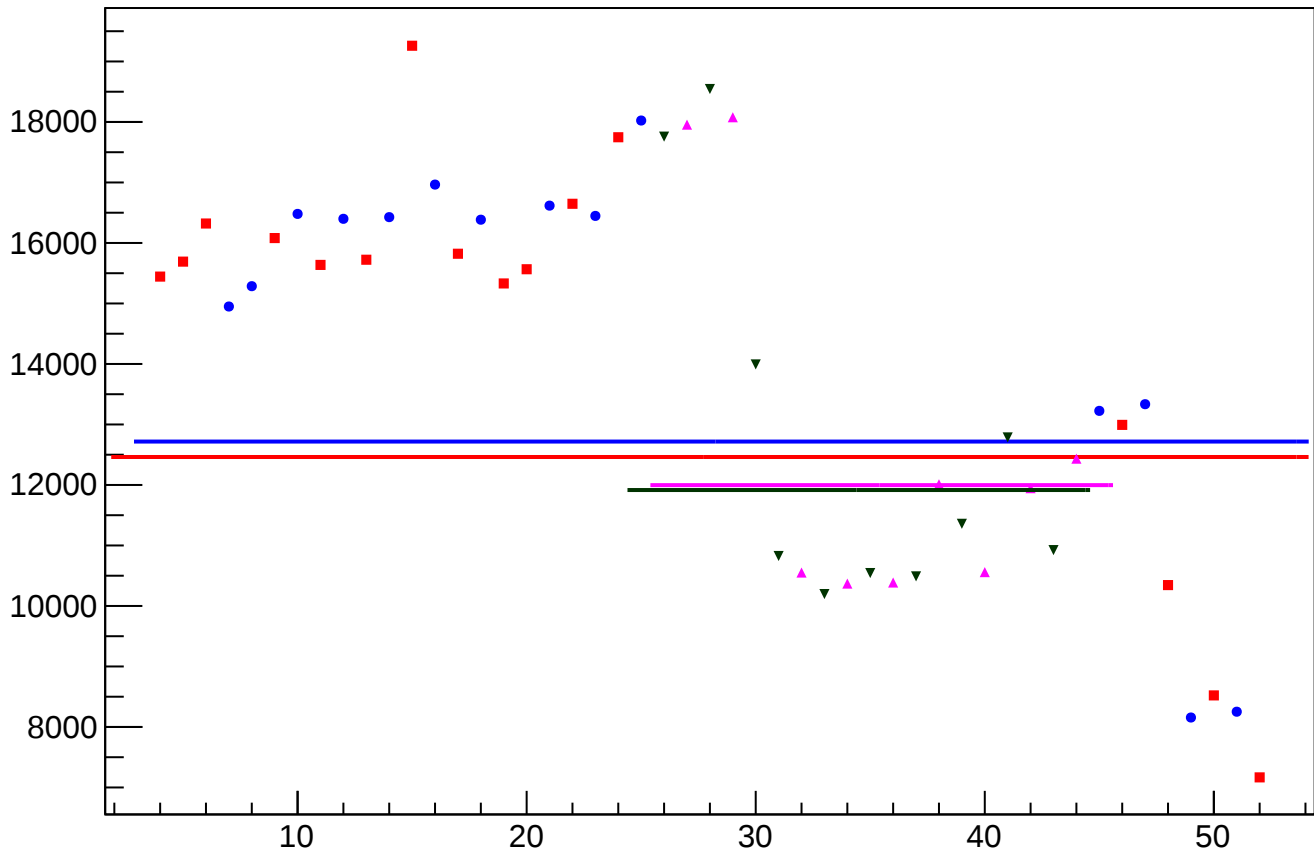
Right Out: -11.020 $\pm$ 4.511 χ^2 /NDF: 26.3/15

Left In: 15.435 $\pm$ 5.166 χ^2 /NDF:11.0/8

5.526 $\pm$ 3.394 χ^2 /NDF: 153.1/23

0.427 $\pm$ 3.398 χ^2 /NDF: 52.2/24

diff_bpm0l09X_rms vs slug



Right In: 12717.525 ± 3.141 χ^2/NDF : 1465888.3/13

Left Out: 11916.247 ± 3.720 χ^2/NDF : 408966.2/9

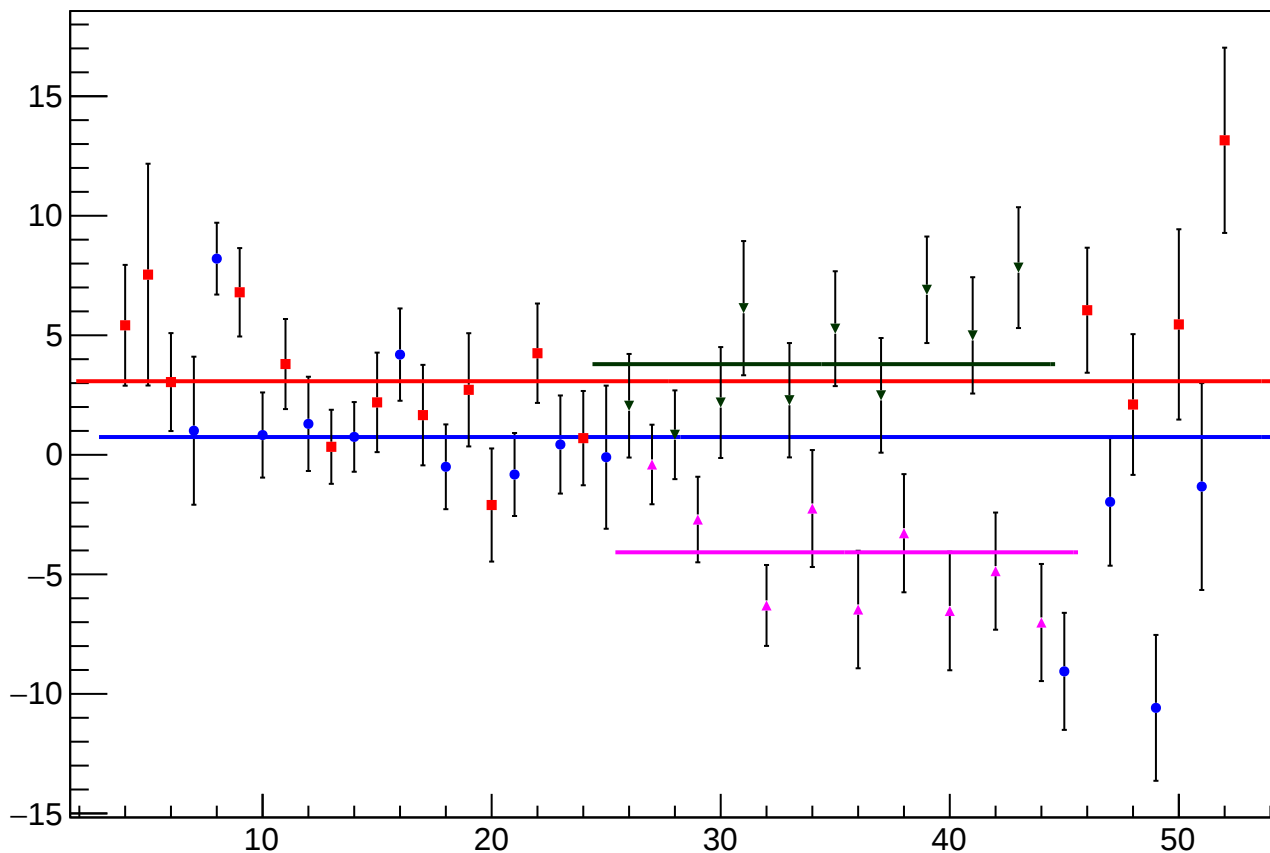
Right Out: 12462.348 ± 3.190 χ^2/NDF : 1580475.9/15

Left In: 11997.213 ± 3.653 χ^2/NDF : 481131.3/8

12384.058 ± 2.400 χ^2/NDF : 1901946.3/23

12261.077 ± 2.403 χ^2/NDF : 2070806.5/24

diff_bpm0l09Y_mean vs slug



Right In: 0.744 $\pm$ 0.548 χ^2 /NDF: 60.4/13

Left Out: 3.793 $\pm$ 0.732 χ^2 /NDF:10.2/9

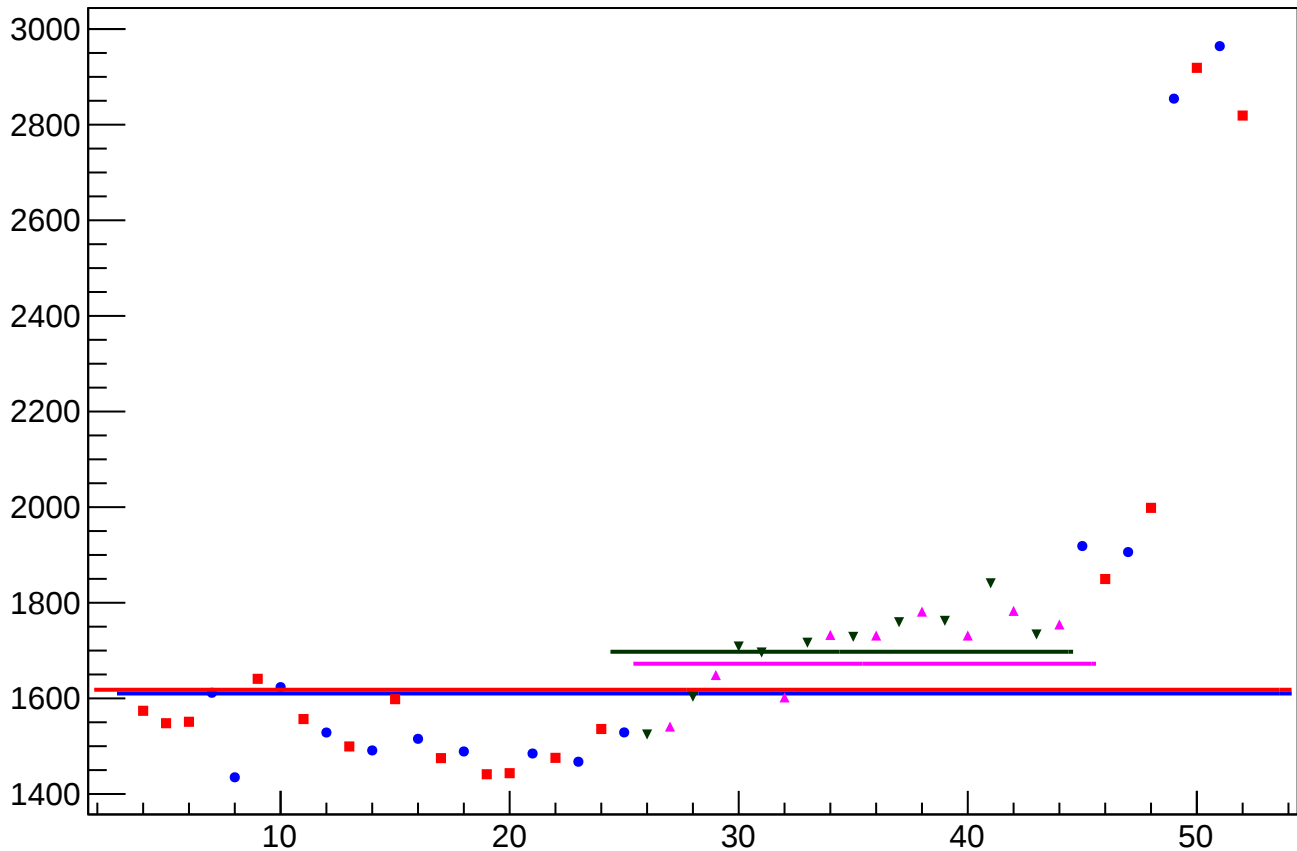
Right Out: 3.079 $\pm$ 0.566 χ^2 /NDF: 24.9/15

Left In: -4.078 $\pm$ 0.705 χ^2 /NDF:11.3/8

1.839 $\pm$ 0.439 χ^2 /NDF: 81.7/23

0.275 $\pm$ 0.441 χ^2 /NDF: 98.9/24

diff_bpm0l09Y_rms vs slug



Right In: 1610.241+/-0.388 χ^2/NDF : 664717.7/13

Left Out: 1697.515+/-0.518 χ^2/NDF : 28748.0/9

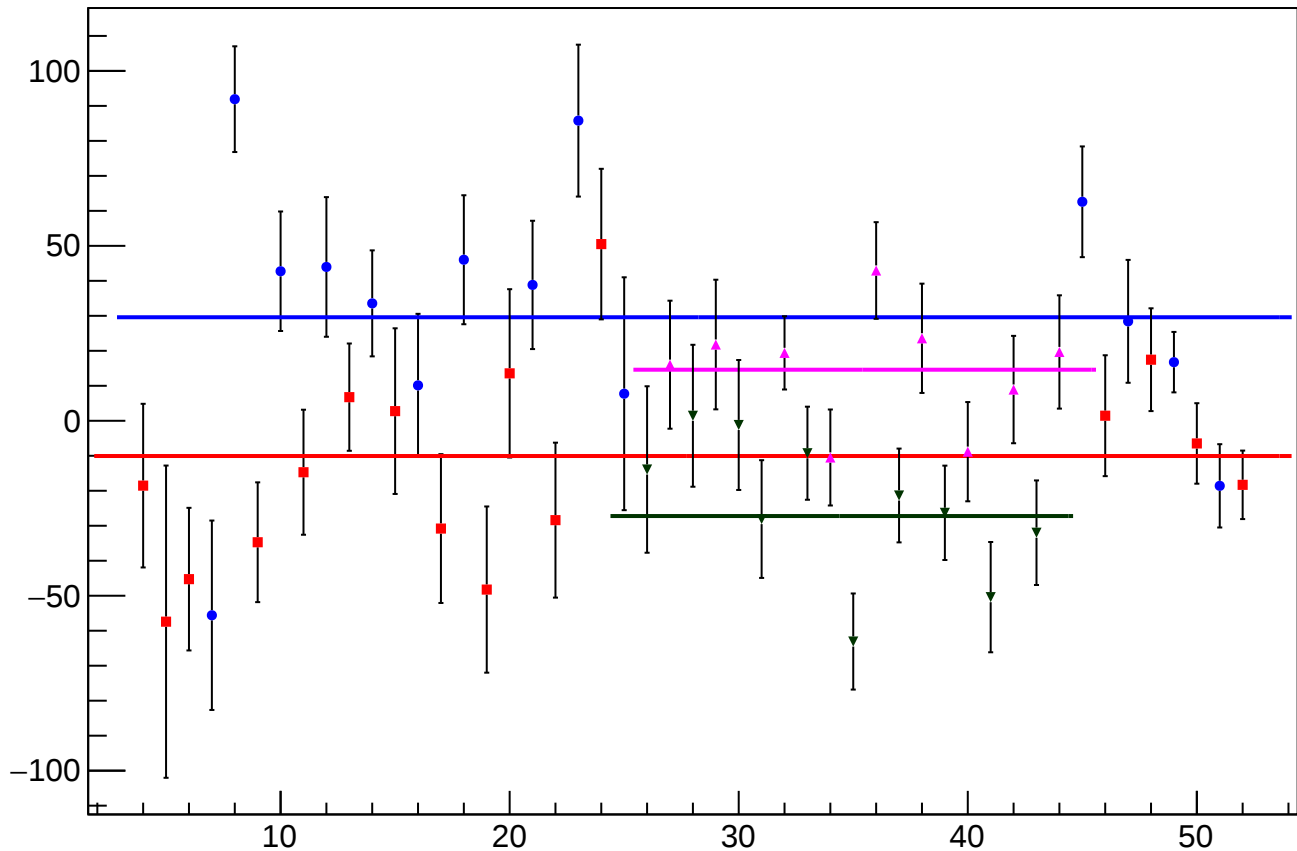
1641.596+/-0.310 χ^2/NDF : 711667.6/23

Right Out: 1618.081+/-0.400 χ^2/NDF : 516479.3/15

1639.398+/-0.312 χ^2/NDF : 553720.5/24

Left In: 1672.485+/-0.498 χ^2/NDF : 29989.7/8

diff_bpm0l10X_mean vs slug



Right In: 29.593 ± 4.261 χ^2/NDF : 60.1/13

Left Out: -27.224 ± 4.929 χ^2/NDF : 15.4/9

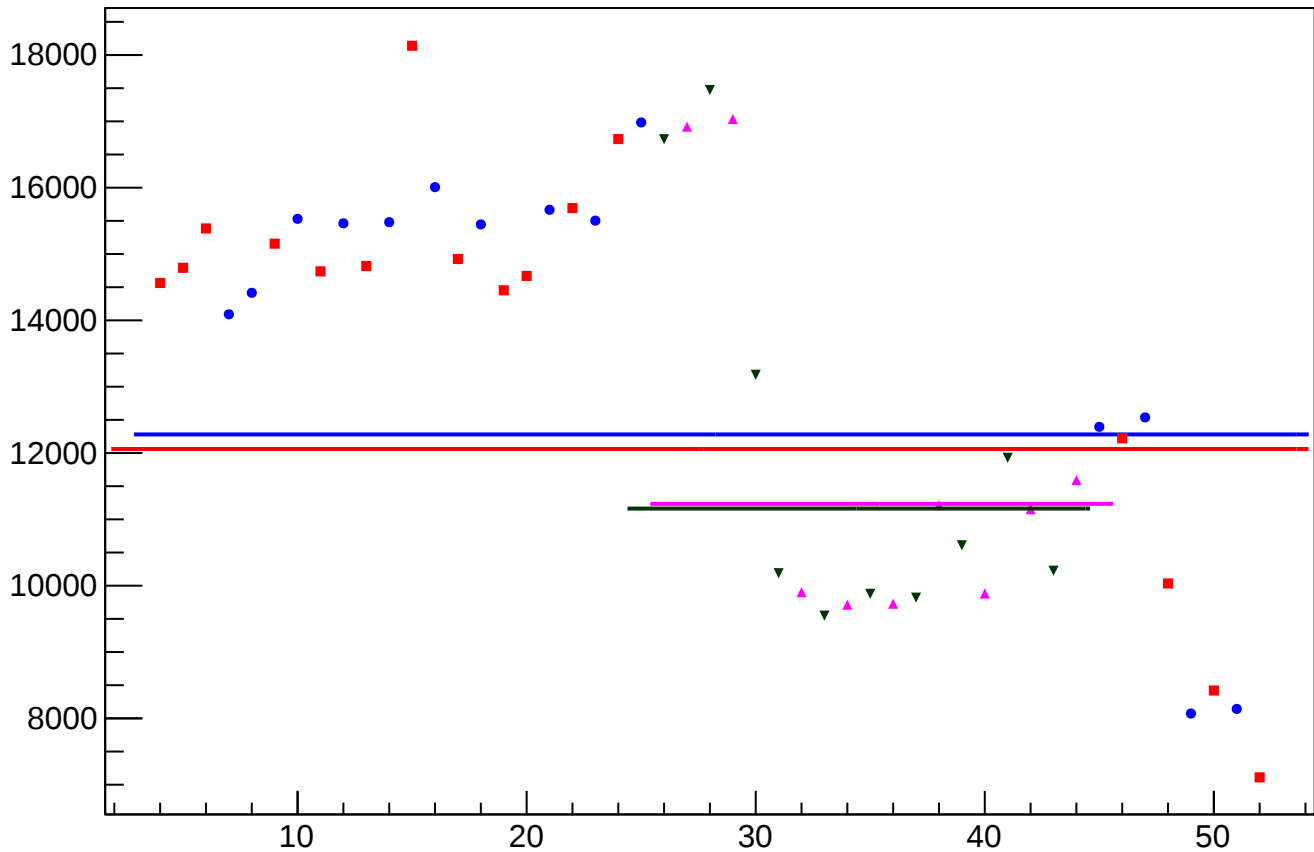
Right Out: -10.068 ± 4.335 χ^2/NDF : 25.7/15

Left In: 14.599 ± 4.839 χ^2/NDF : 11.2/8

5.293 ± 3.224 χ^2/NDF : 151.5/23

0.915 ± 3.229 χ^2/NDF : 51.4/24

diff_bpm0l10X_rms vs slug



Right In: 12280.547+/-3.013 χ^2/NDF : 1255817.1/13

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

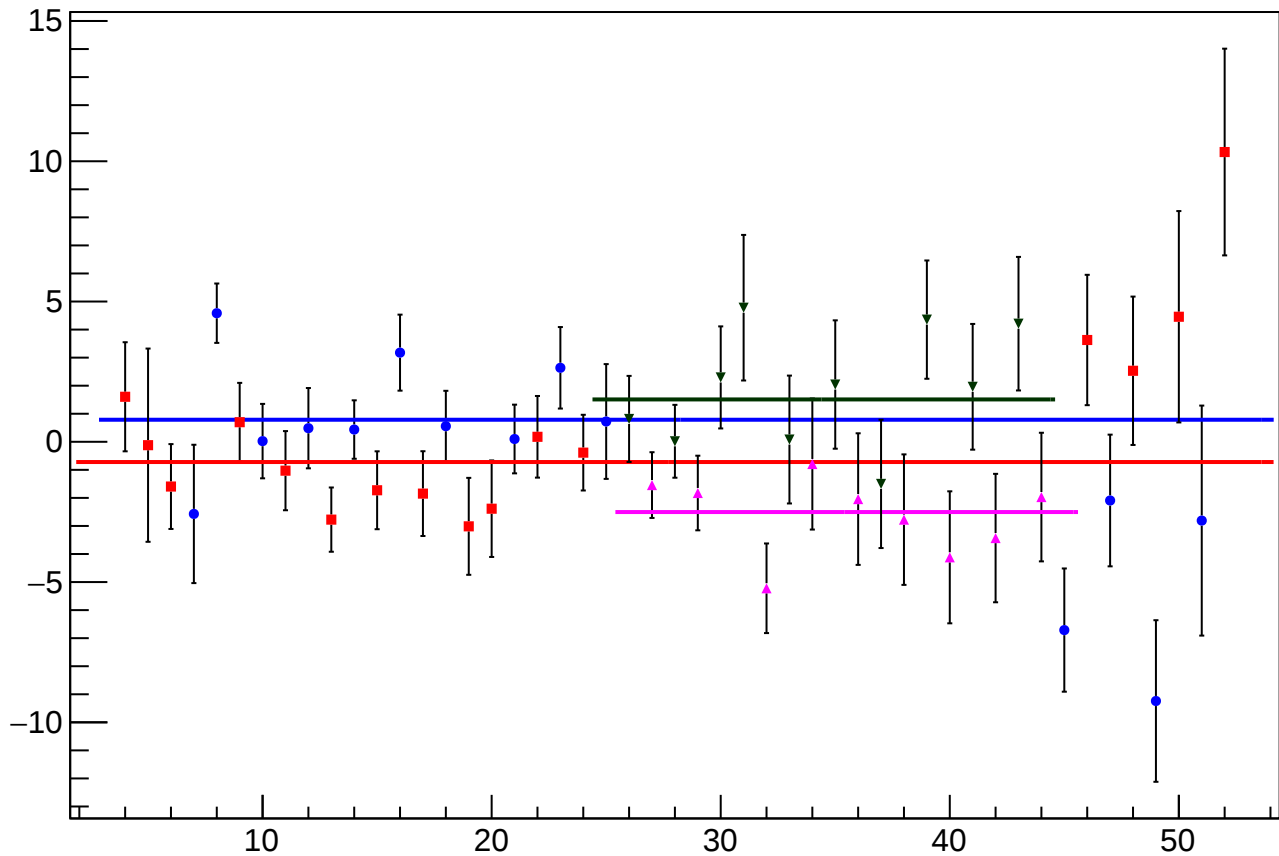
11802.491+/-2.280 χ^2/NDF : 1731048.7/23

Right Out: 12061.283+/-3.065 χ^2/NDF : 1368942.5/15

11692.958+/-2.283 χ^2/NDF : 1890633.7/24

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

diff_bpm0l10Y_mean vs slug



Right In: 0.786 ± 0.403 $\chi^2/\text{NDF}: 46.3/13$

Left Out: 1.510 ± 0.615 $\chi^2/\text{NDF}: 8.6/9$

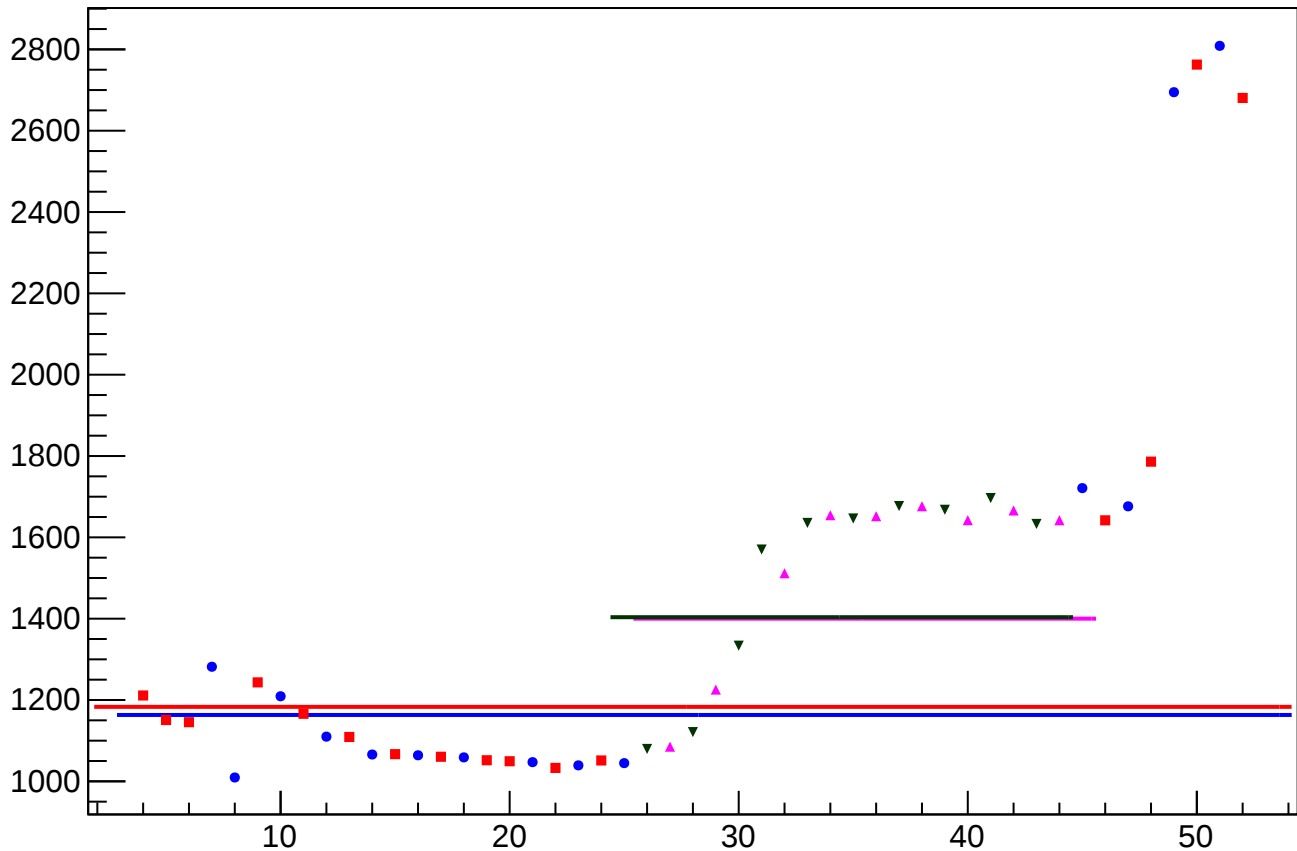
1.004 ± 0.337 $\chi^2/\text{NDF}: 55.9/23$

Right Out: -0.721 ± 0.419 $\chi^2/\text{NDF}: 26.2/15$

-1.309 ± 0.343 $\chi^2/\text{NDF}: 37.3/24$

Left In: -2.504 ± 0.598 $\chi^2/\text{NDF}: 5.1/8$

diff_bpm0l10Y_rms vs slug



Right In: 1163.210+/-0.285 χ^2/NDF : 1245393.3/13

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

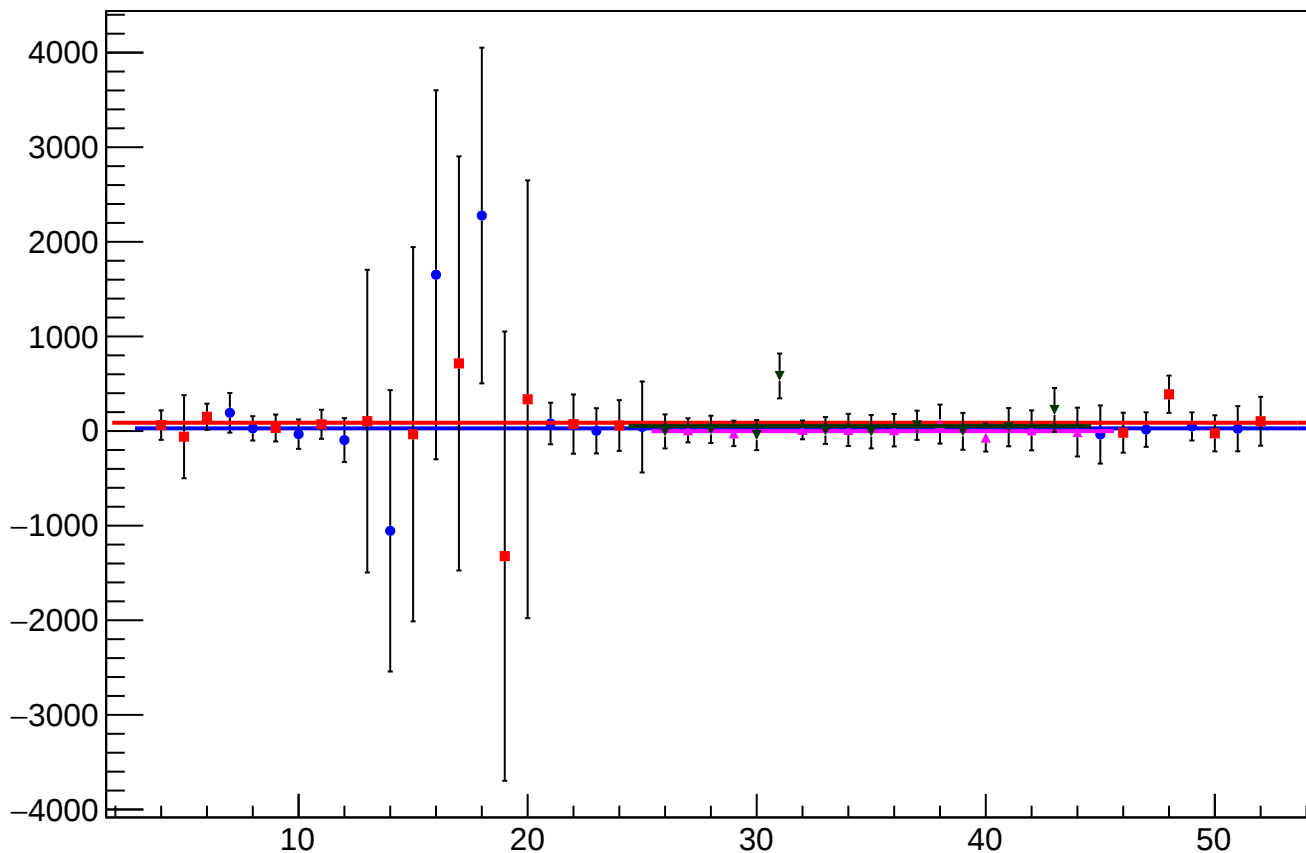
1235.426+/-0.238 χ^2/NDF : 1810240.4/23

Right Out: 1183.159+/-0.297 χ^2/NDF : 969322.5/15

1254.702+/-0.243 χ^2/NDF : 1479890.9/24

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 28.453+/-58.702 χ^2/NDF : 4.0/13

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

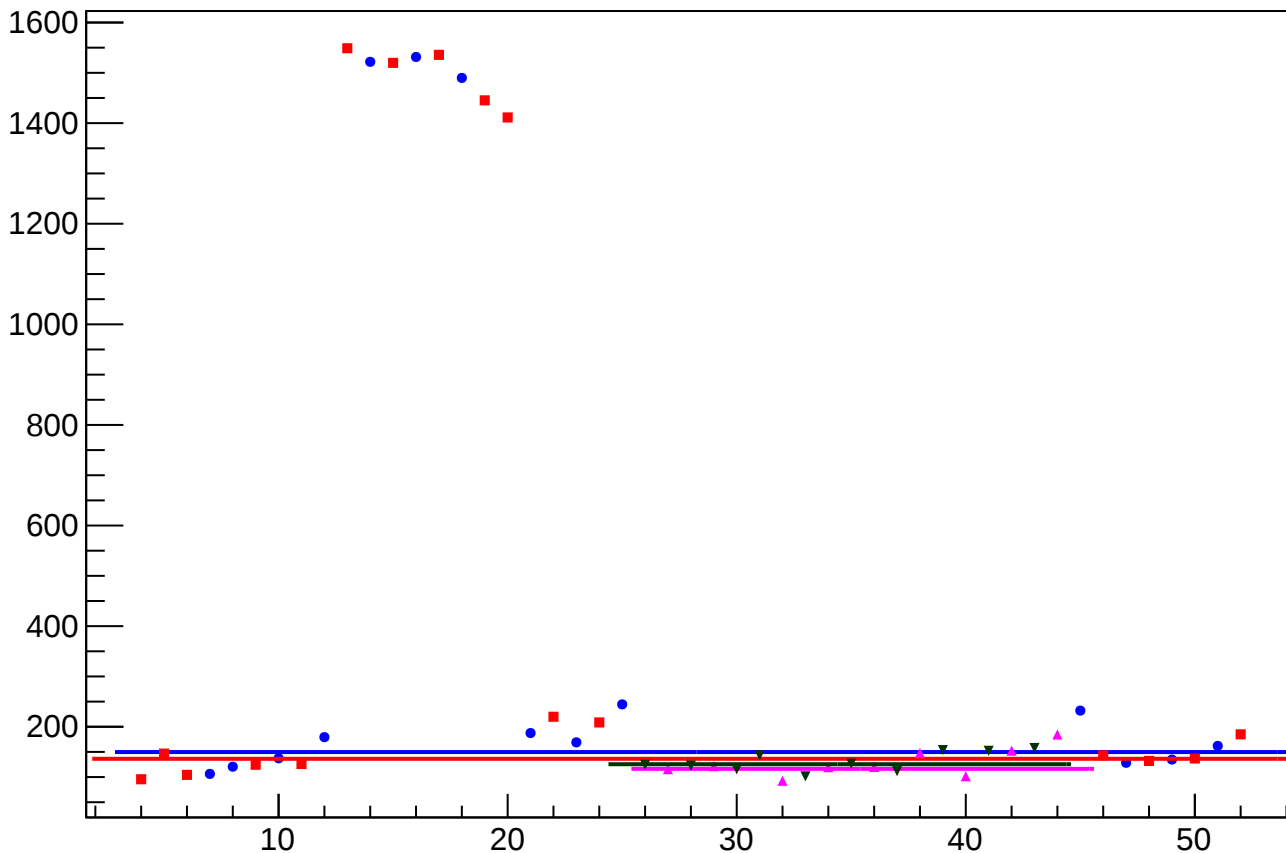
Right Out: 87.755+/-57.110 χ^2/NDF : 3.9/15

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

40.965+/-40.172 χ^2/NDF : 10.5/23

37.808+/-37.774 χ^2/NDF : 5.7/24

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 149.717+/-0.042 χ^2/NDF : 4427013.5/13

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

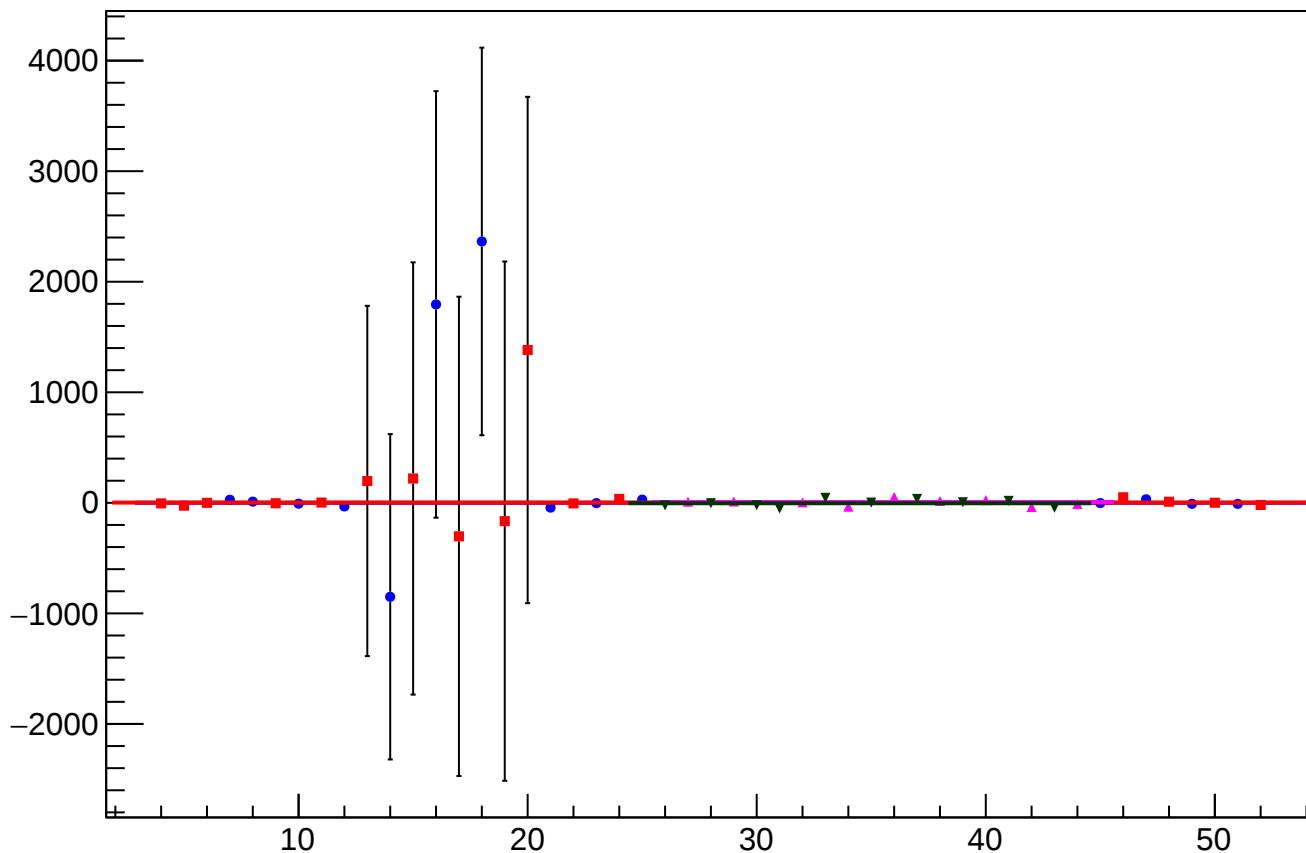
136.855+/-0.028 χ^2/NDF : 4816611.1/23

Right Out: 136.313+/-0.040 χ^2/NDF : 5199706.7/15

125.061+/-0.027 χ^2/NDF : 5721676.3/24

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

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.689+/-5.298 χ^2/NDF : 14.0/13

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

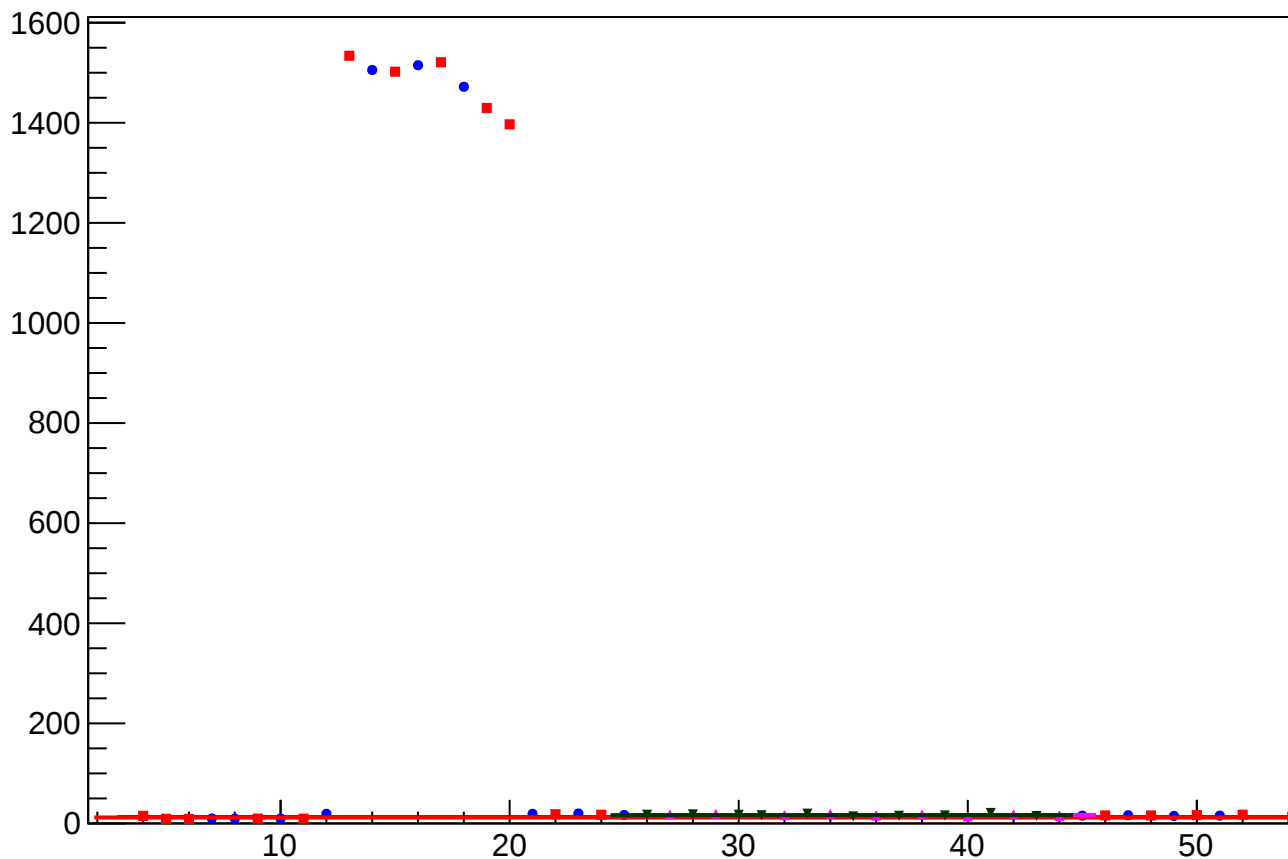
Right Out: 2.359+/-5.274 χ^2/NDF : 9.0/15

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

-0.806+/-4.314 χ^2/NDF : 28.8/23

4.117+/-4.303 χ^2/NDF : 19.9/24

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 12.629+/-0.004 χ^2/NDF : 5595763.9/13

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

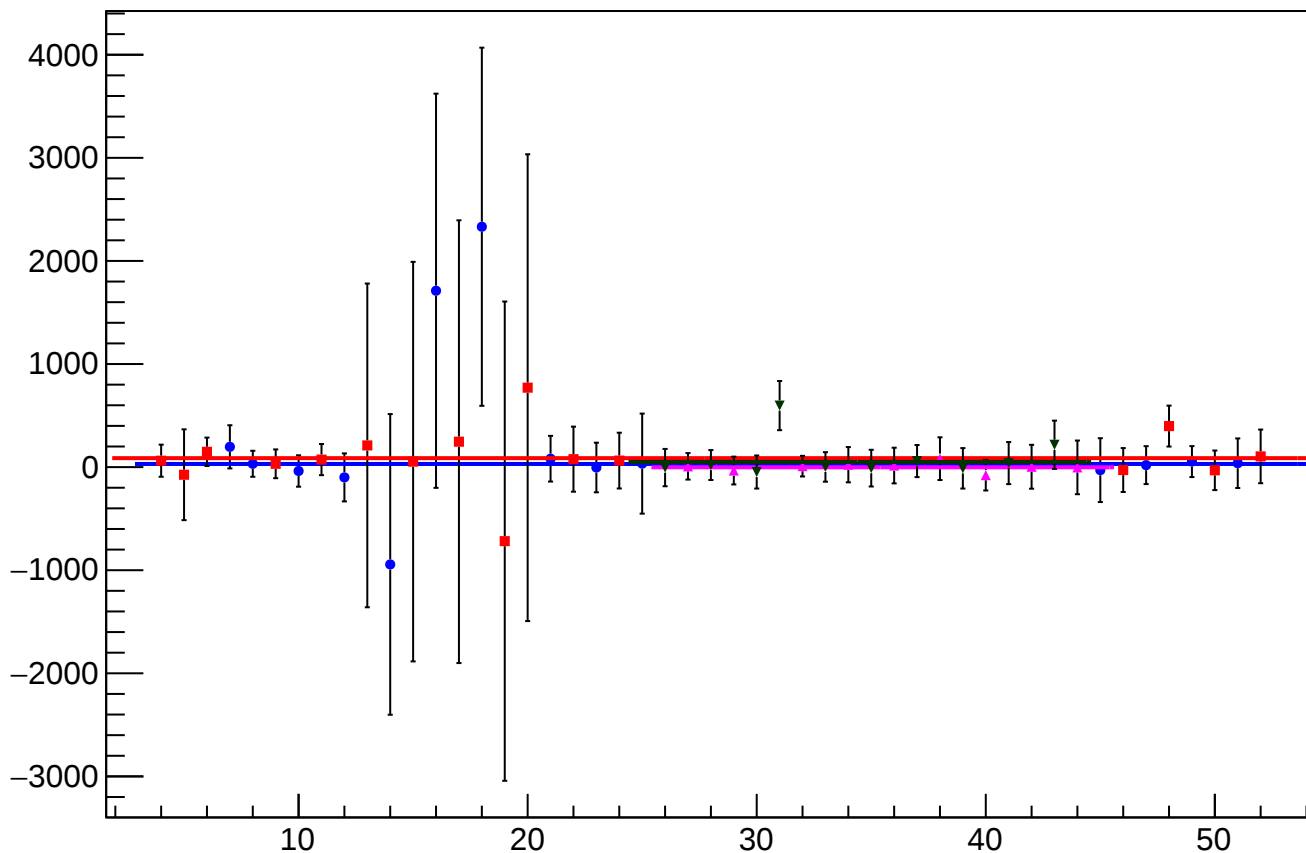
Right Out: 11.915+/-0.004 χ^2/NDF : 6300427.4/15

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

13.962+/-0.003 χ^2/NDF : 6104515.5/23

13.600+/-0.003 χ^2/NDF : 7022358.0/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 30.553+/-58.541 χ^2/NDF : 4.3/13

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

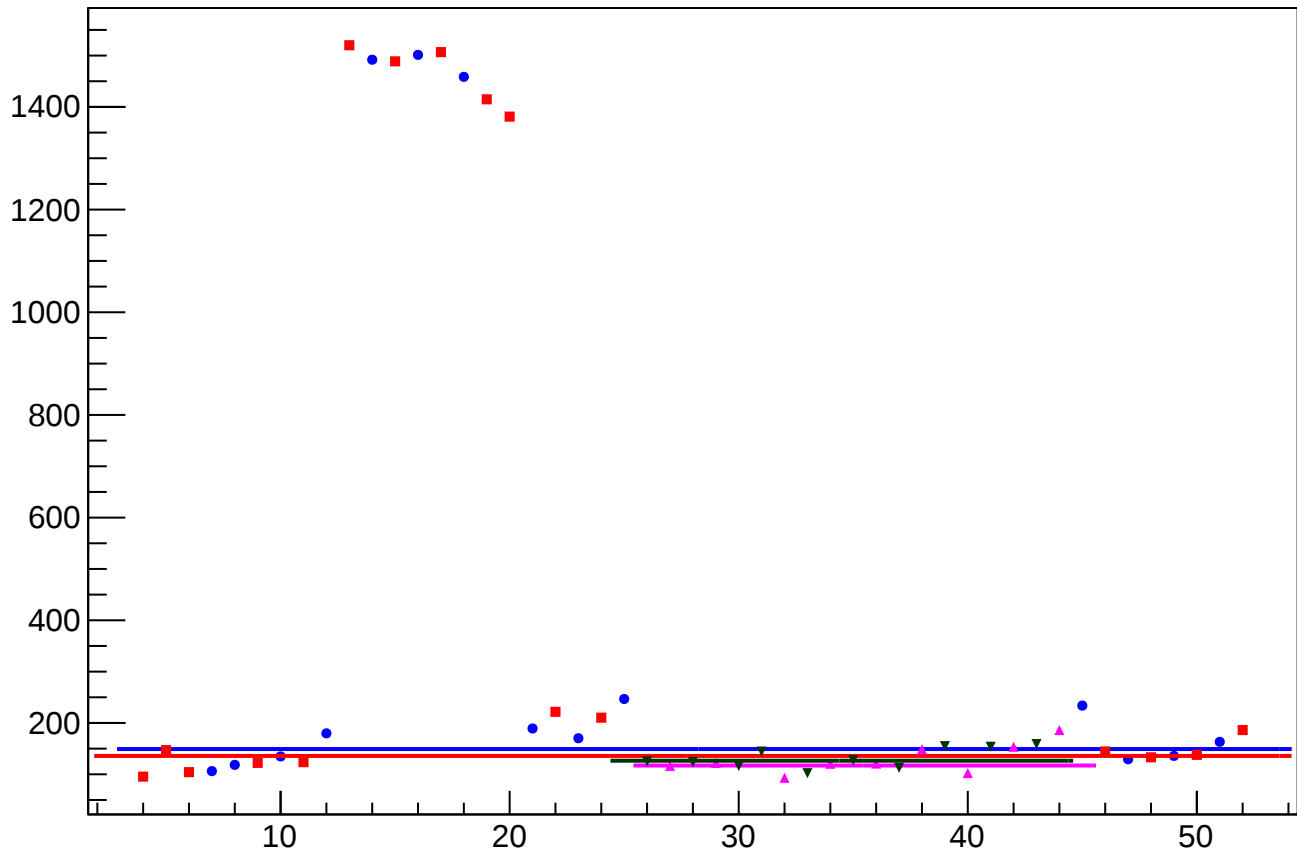
Right Out: 87.012+/-56.920 χ^2/NDF : 3.9/15

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

40.851+/-40.285 χ^2/NDF : 10.9/23

37.555+/-37.871 χ^2/NDF : 5.8/24

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 149.198+/-0.041 χ^2/NDF : 4445402.1/13

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

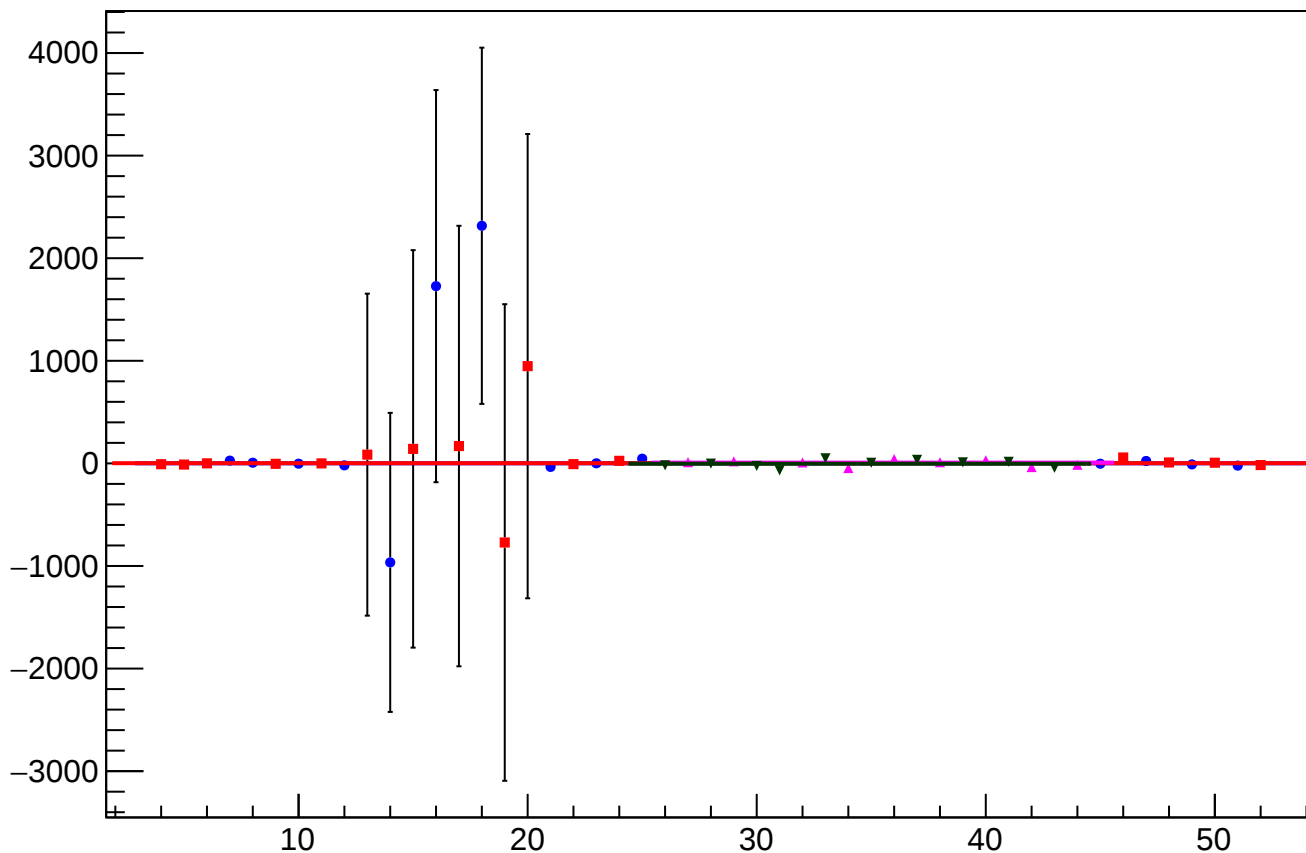
Right Out: 135.814+/-0.040 χ^2/NDF : 5207100.2/15

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

137.247+/-0.028 χ^2/NDF : 4812909.5/23

125.408+/-0.027 χ^2/NDF : 5711778.3/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 0.869+/-4.887 χ^2/NDF : 12.6/13

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

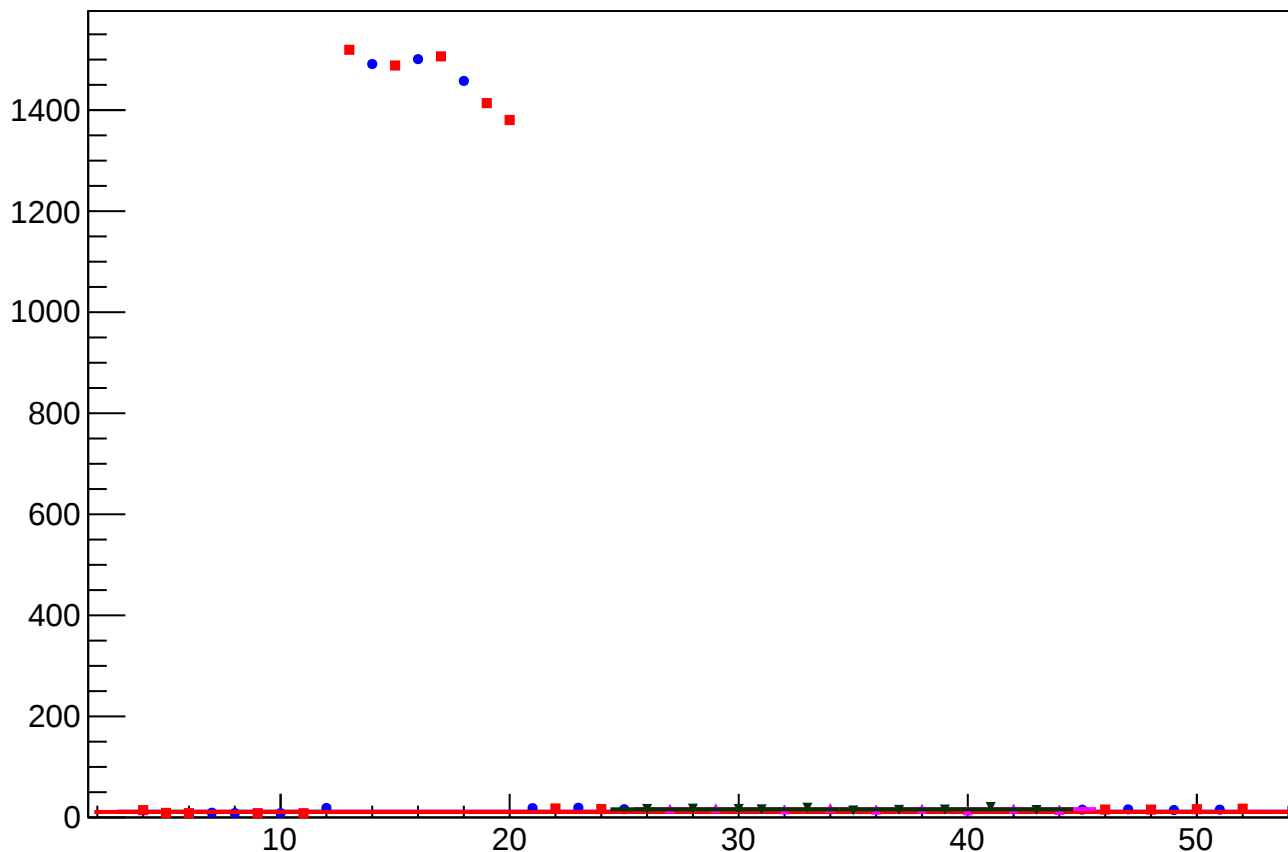
Right Out: 1.879+/-4.876 χ^2/NDF : 8.8/15

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

-0.433+/-4.051 χ^2/NDF : 30.9/23

3.678+/-4.047 χ^2/NDF : 20.5/24

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 11.473+/-0.003 χ^2/NDF : 5891453.0/13

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

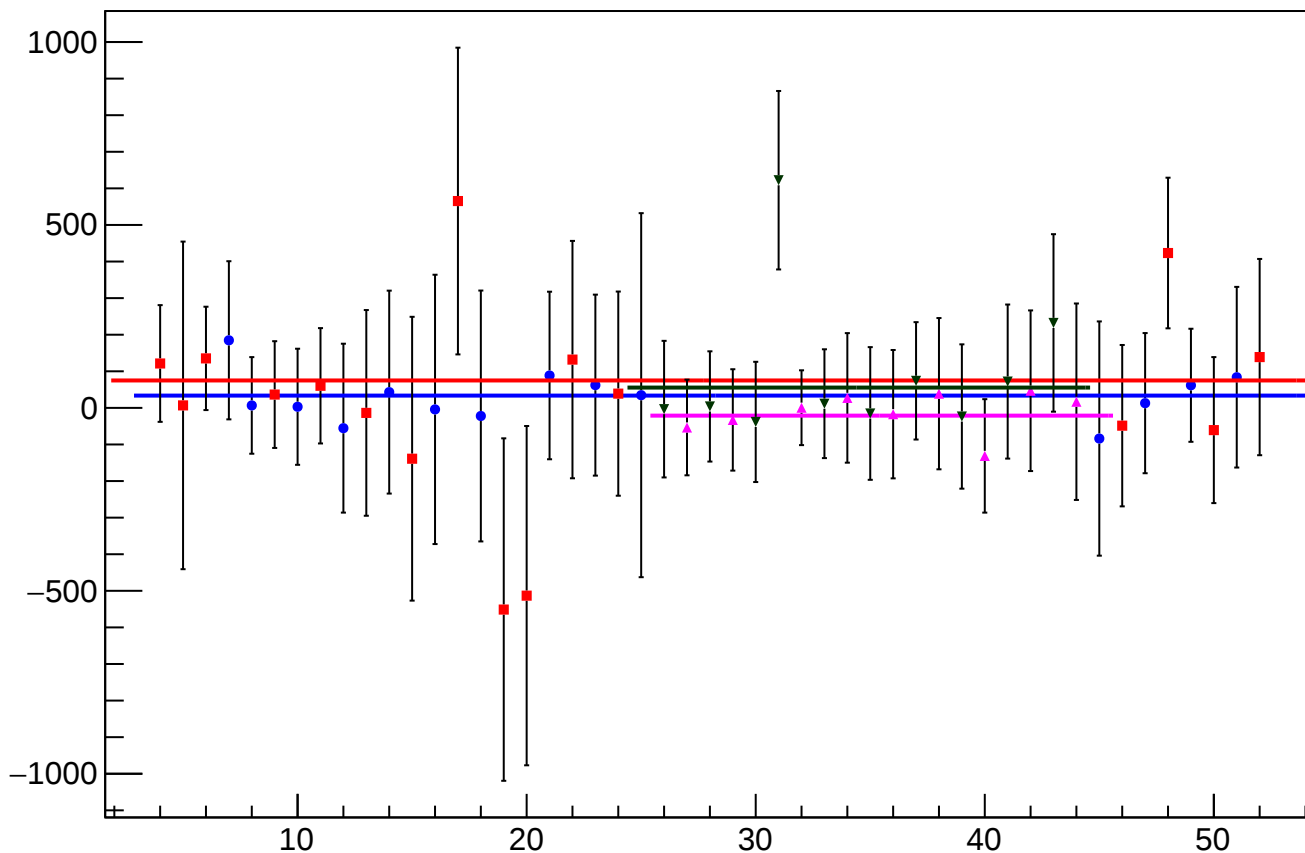
Right Out: 10.882+/-0.003 χ^2/NDF : 6516417.8/15

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

12.932+/-0.003 χ^2/NDF : 6589061.1/23

12.631+/-0.003 χ^2/NDF : 7445528.7/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 33.593+/-57.648 χ^2/NDF : 1.0/13

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

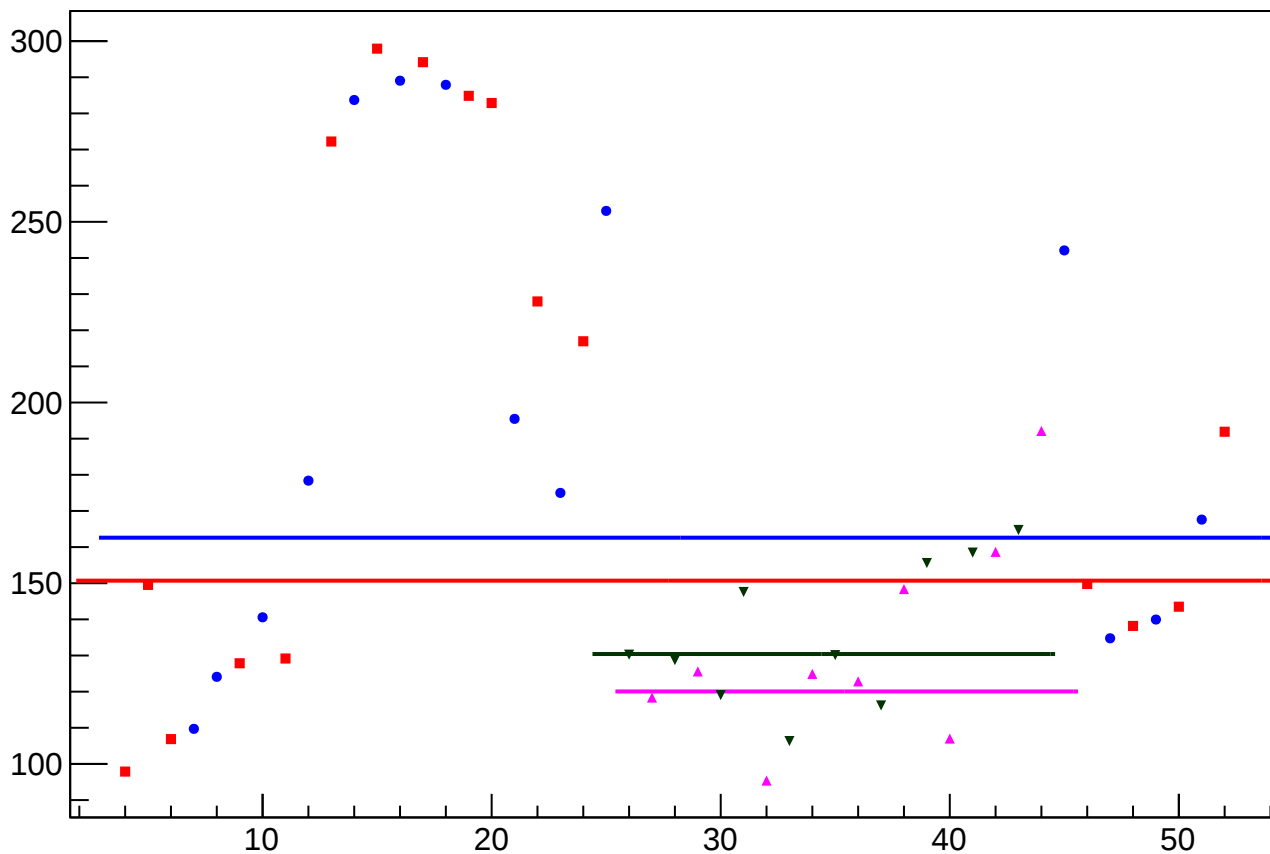
Right Out: 74.963+/-55.783 χ^2/NDF : 9.3/15

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

44.647+/-40.580 χ^2/NDF : 8.0/23

23.495+/-38.023 χ^2/NDF : 11.8/24

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.602 $\pm$ 0.041 χ^2 /NDF: 1543961.8/13

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

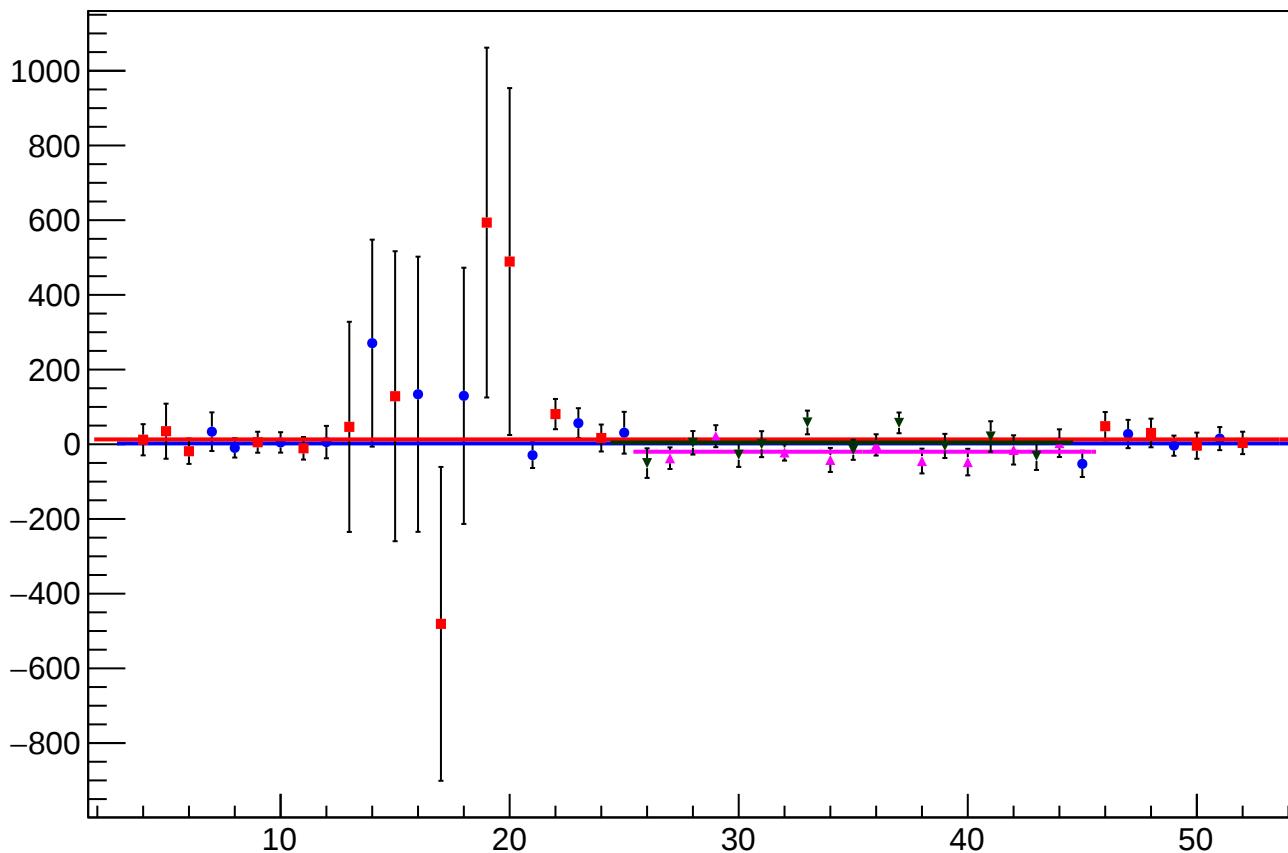
146.363 $\pm$ 0.029 χ^2 /NDF: 2054693.8/23

Right Out: 150.716 $\pm$ 0.039 χ^2 /NDF: 2004528.4/15

134.299 $\pm$ 0.027 χ^2 /NDF: 2707607.2/24

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: 2.298 $\pm$ 10.273 χ^2 /NDF: 7.8/13

Left Out: 4.706 $\pm$ 10.341 χ^2 /NDF:11.1/9

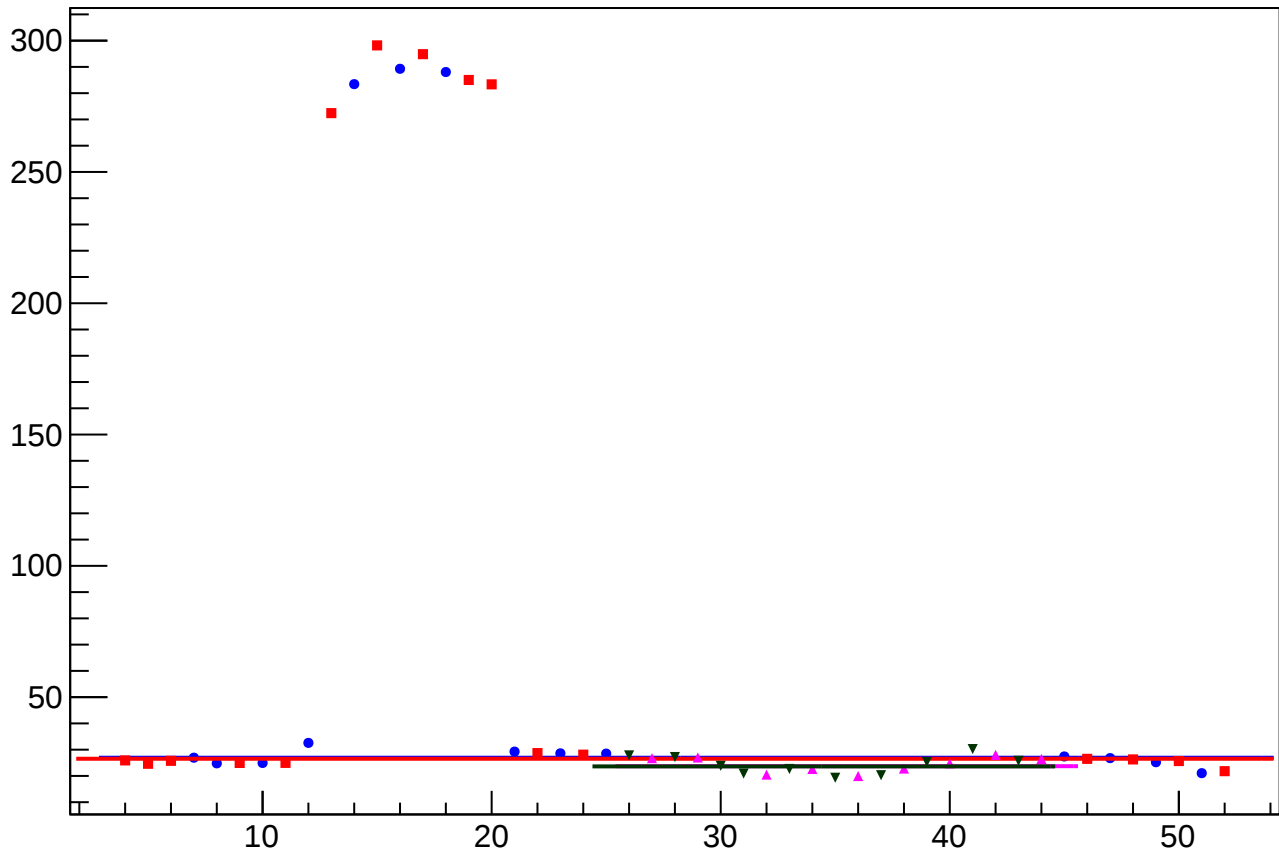
3.494 $\pm$ 7.288 χ^2 /NDF: 18.9/23

Right Out: 13.048 $\pm$ 10.720 χ^2 /NDF: 9.9/15

-4.382 $\pm$ 7.367 χ^2 /NDF: 19.8/24

Left In: -19.983 $\pm$ 10.142 χ^2 /NDF:4.8/8

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.928+/-0.007 χ^2/NDF : 4041038.9/13

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

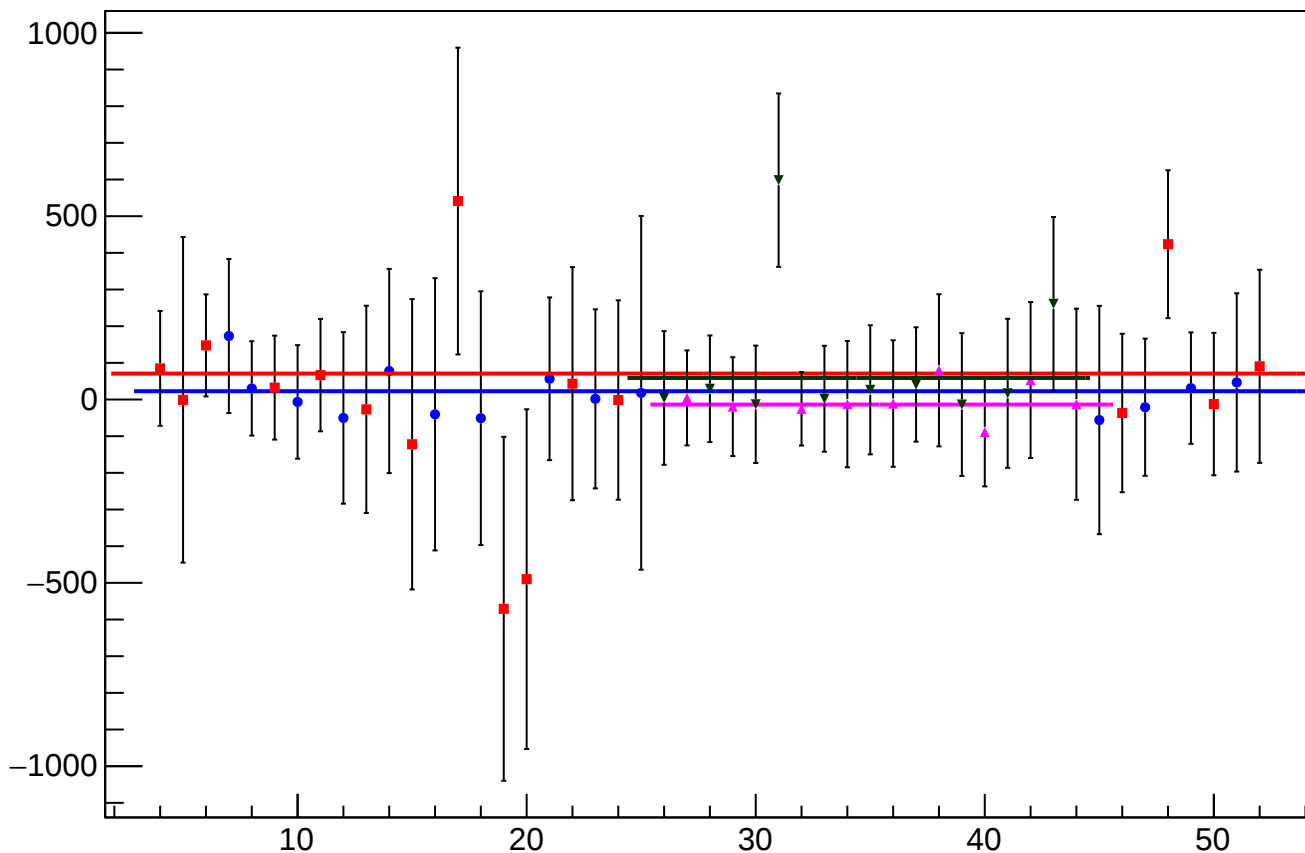
Right Out: 26.541+/-0.008 χ^2/NDF : 4618211.5/15

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

25.289+/-0.005 χ^2/NDF : 4350957.2/23

25.047+/-0.005 χ^2/NDF : 4857697.4/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 22.649+/-56.615 χ^2/NDF : 0.9/13

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

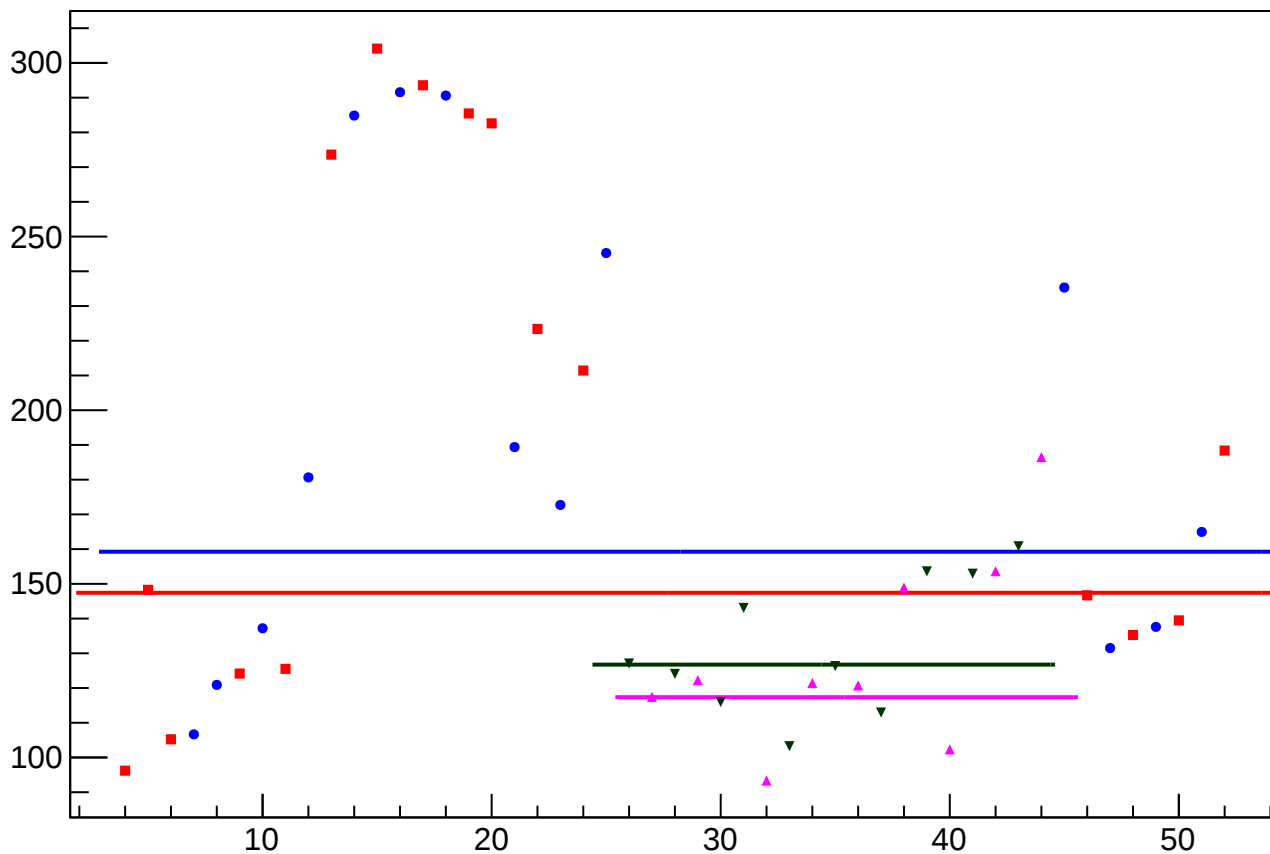
Right Out: 70.788+/-54.707 χ^2/NDF : 8.9/15

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

41.071+/-39.652 χ^2/NDF : 7.8/23

25.415+/-37.229 χ^2/NDF : 10.8/24

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 159.255+/-0.040 χ^2/NDF : 1620961.7/13

Left Out: 126.741+/-0.039 χ^2/NDF : 200512.0/9

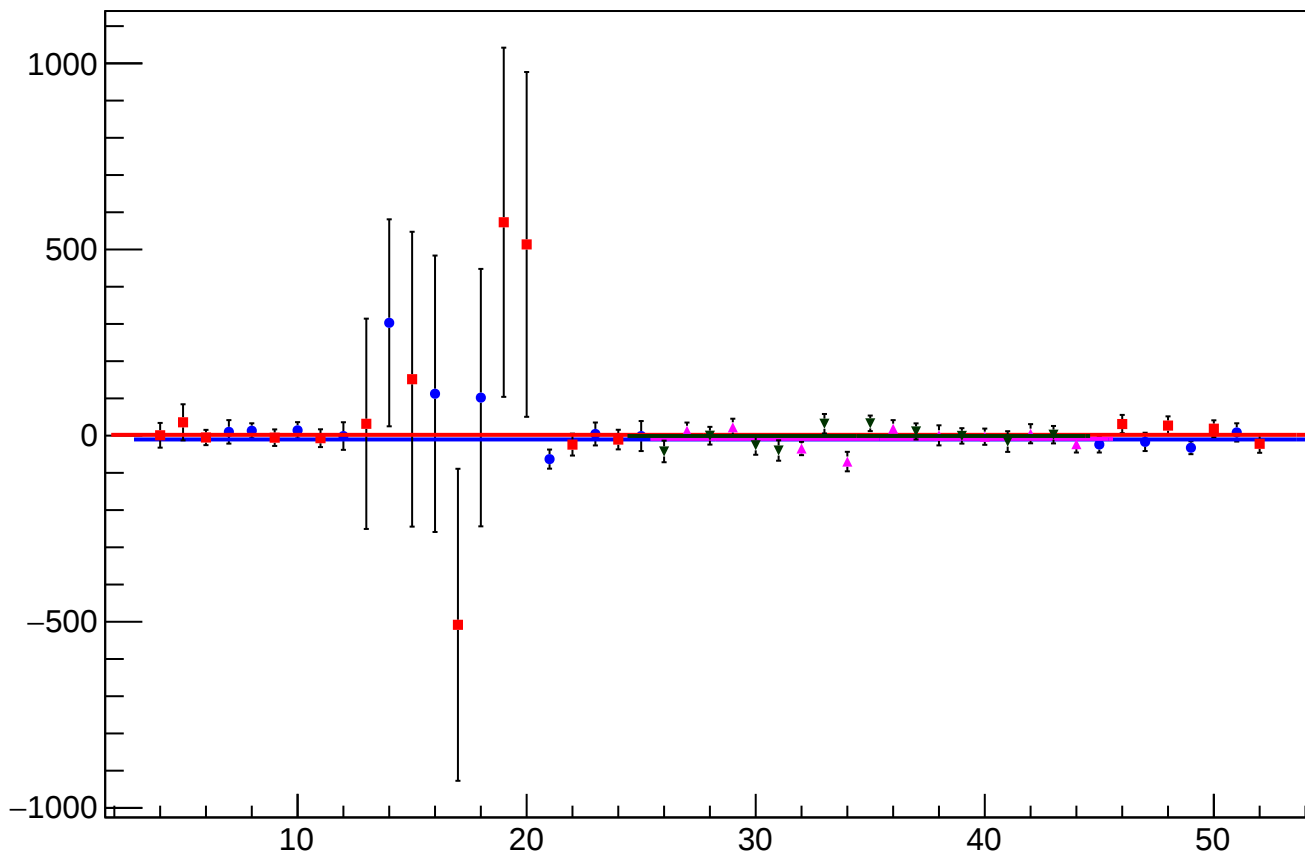
142.690+/-0.028 χ^2/NDF : 2157554.5/23

Right Out: 147.425+/-0.039 χ^2/NDF : 2076273.6/15

131.290+/-0.026 χ^2/NDF : 2785857.7/24

Left In: 117.371+/-0.036 χ^2/NDF : 385529.6/8

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -10.283 ± 7.381 $\chi^2/\text{NDF}: 11.8/13$

Left Out: -0.891 ± 7.638 $\chi^2/\text{NDF}: 9.9/9$

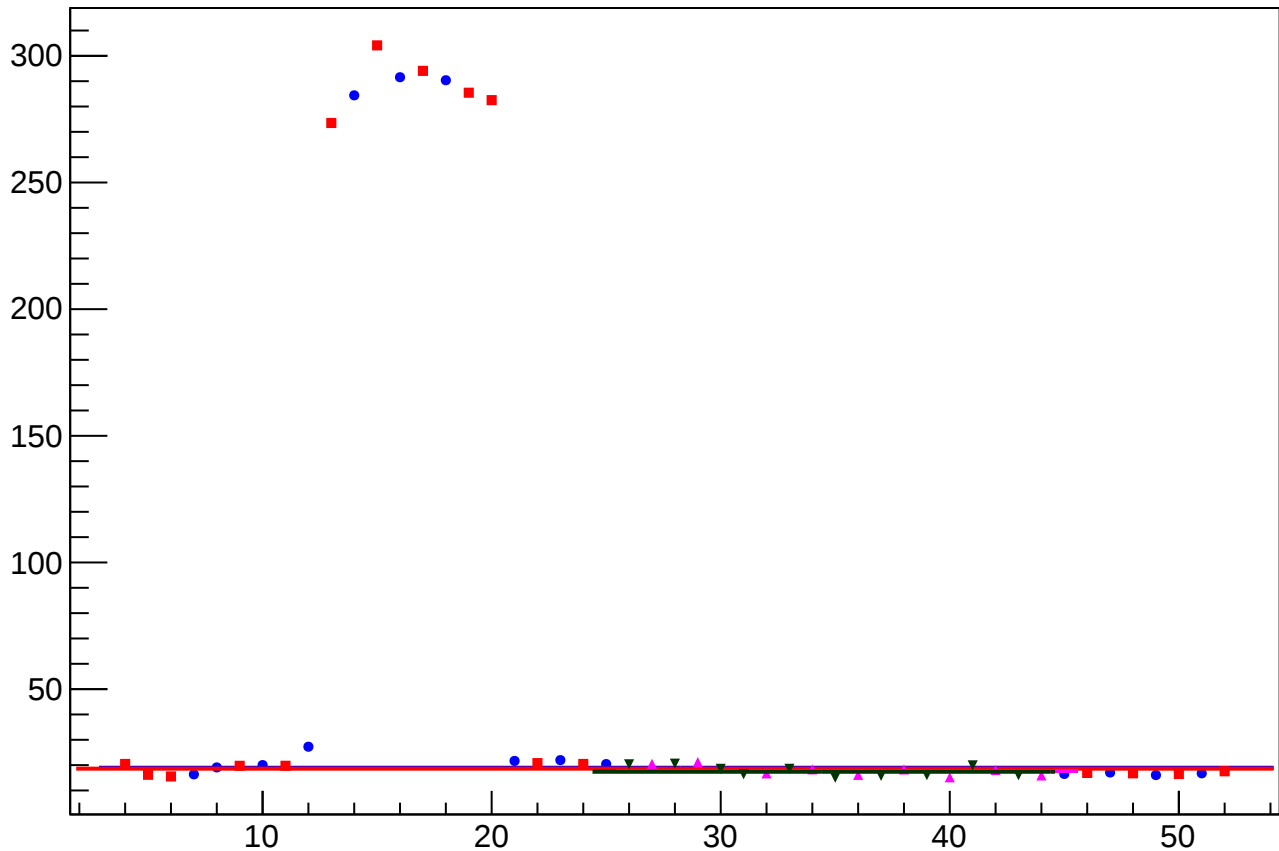
Right Out: 2.121 ± 7.651 $\chi^2/\text{NDF}: 10.2/15$

Left In: -8.626 ± 7.603 $\chi^2/\text{NDF}: 12.5/8$

-5.748 ± 5.307 $\chi^2/\text{NDF}: 22.5/23$

-3.287 ± 5.393 $\chi^2/\text{NDF}: 23.7/24$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 18.969+/-0.005 χ^2/NDF : 4406035.5/13

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

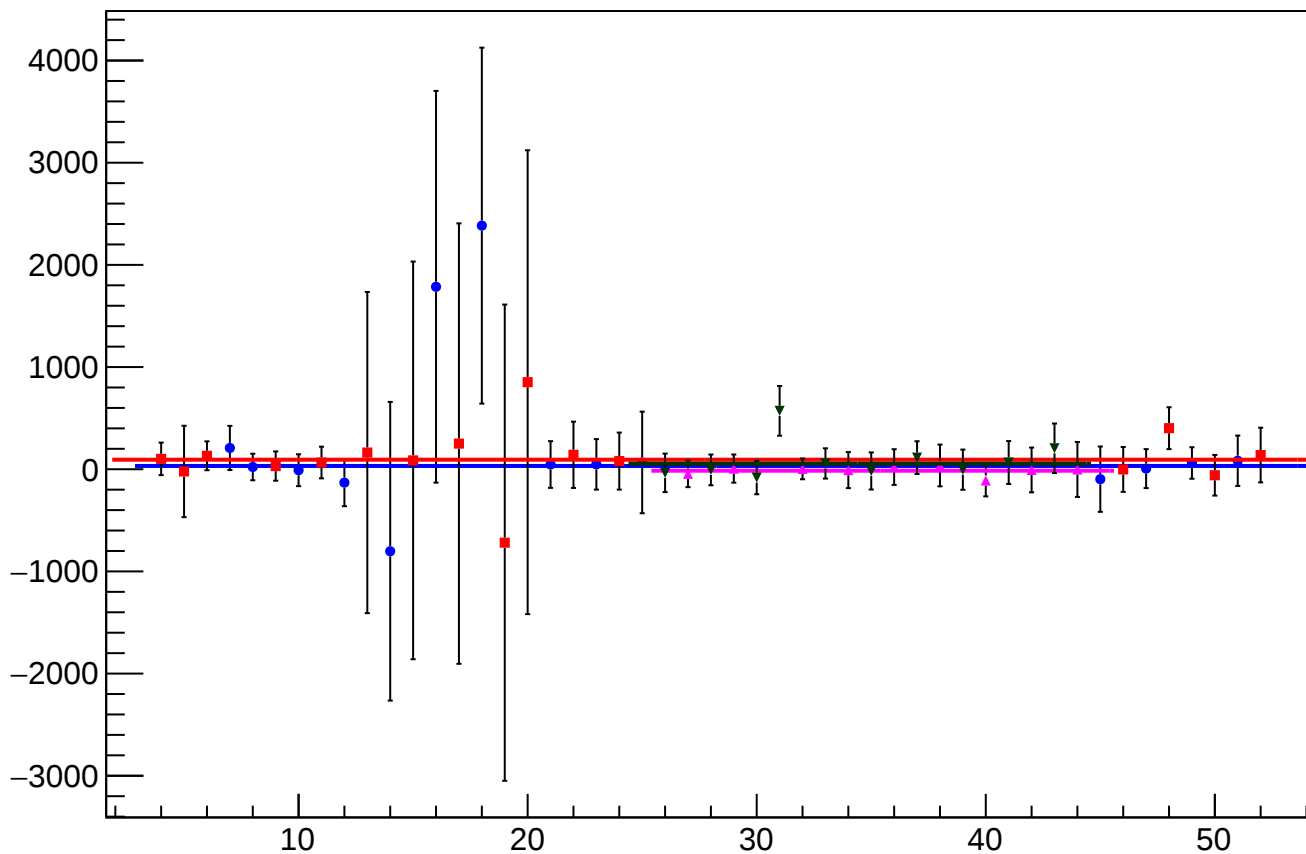
18.202+/-0.004 χ^2/NDF : 4586874.9/23

Right Out: 18.612+/-0.005 χ^2/NDF : 4958281.4/15

18.150+/-0.004 χ^2/NDF : 5106701.4/24

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

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 32.040 $\pm$ 60.059 χ^2 /NDF: 4.5/13

Left Out: 54.414 $\pm$ 57.060 χ^2 /NDF:6.4/9

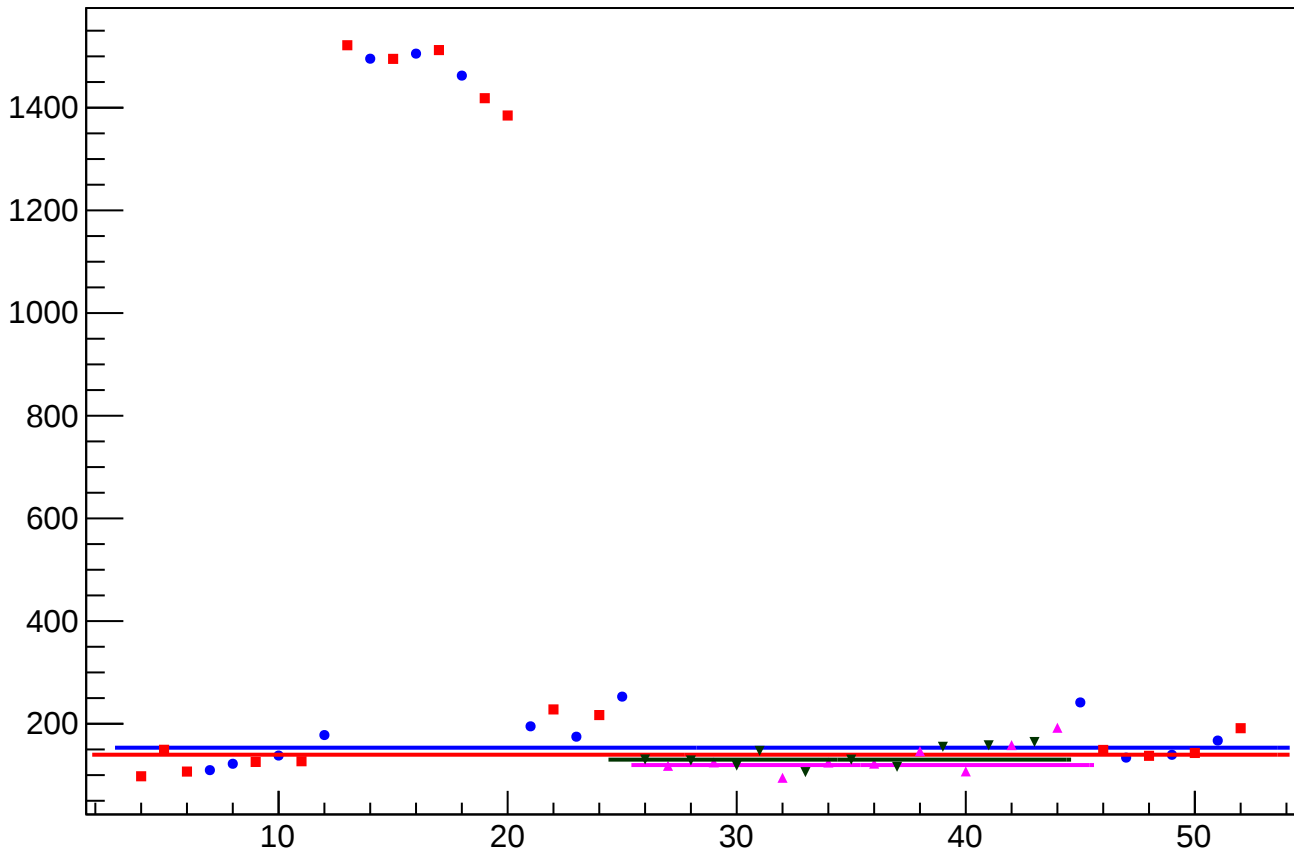
Right Out: 93.290 $\pm$ 58.503 χ^2 /NDF: 3.7/15

Left In: -14.439 $\pm$ 51.773 χ^2 /NDF:0.6/8

43.799 $\pm$ 41.367 χ^2 /NDF: 10.9/23

32.875 $\pm$ 38.771 χ^2 /NDF: 6.2/24

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 153.396+/-0.042 χ^2/NDF : 4407751.6/13

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

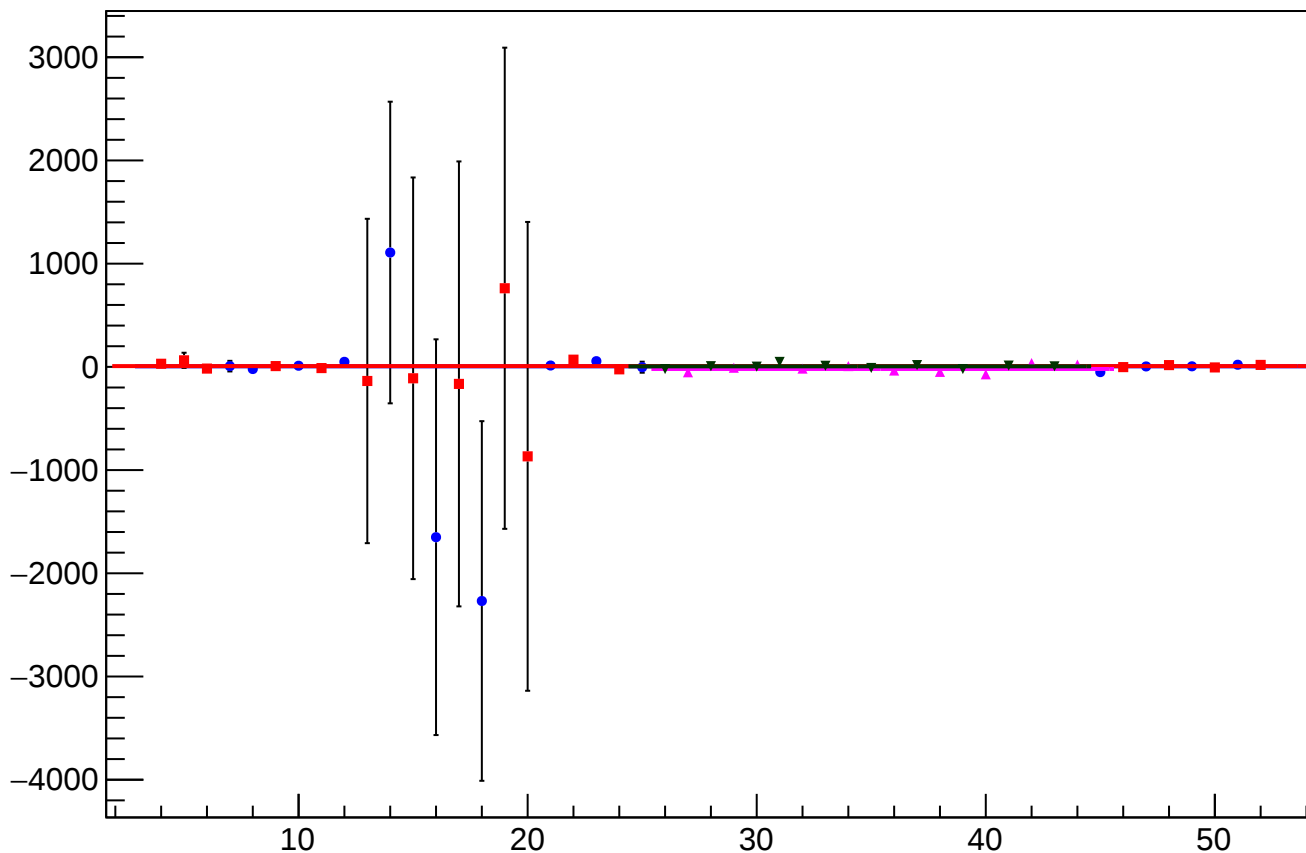
Right Out: 139.742+/-0.041 χ^2/NDF : 5192399.4/15

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

141.175+/-0.029 χ^2/NDF : 4762436.8/23

128.441+/-0.027 χ^2/NDF : 5706162.7/24

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 5.232 $\pm$ 9.966 χ^2 /NDF: 10.0/13

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

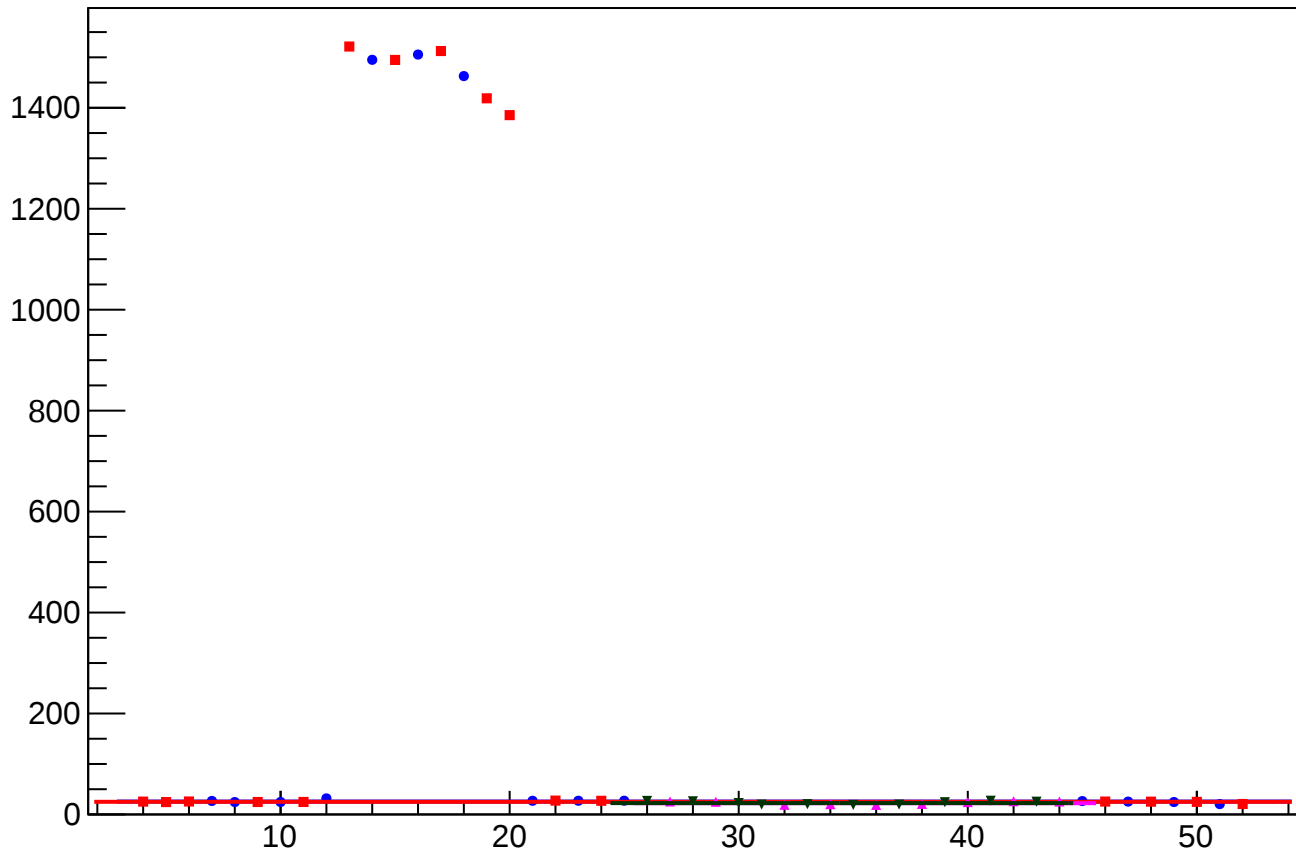
Right Out: 7.448 $\pm$ 10.442 χ^2 /NDF: 5.9/15

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

5.184 $\pm$ 6.983 χ^2 /NDF: 13.6/23

-7.847 $\pm$ 7.021 χ^2 /NDF: 19.7/24

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.556+/-0.007 χ^2/NDF : 4696163.9/13

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

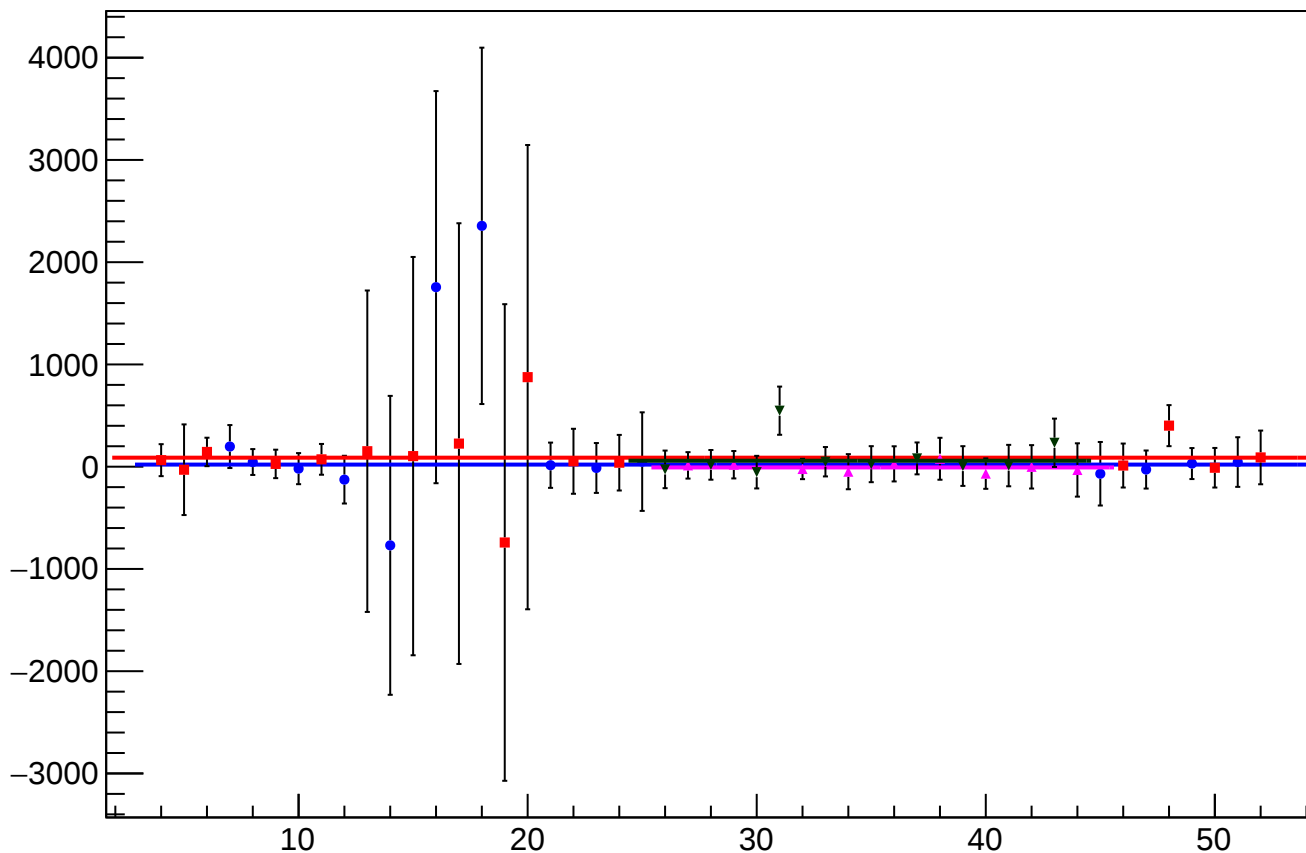
23.985+/-0.005 χ^2/NDF : 4986480.0/23

Right Out: 25.061+/-0.007 χ^2/NDF : 5402912.8/15

23.545+/-0.005 χ^2/NDF : 5673820.7/24

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

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 20.564 $\pm$ 58.815 χ^2 /NDF: 4.3/13

Left Out: 58.282 $\pm$ 55.472 χ^2 /NDF:5.8/9

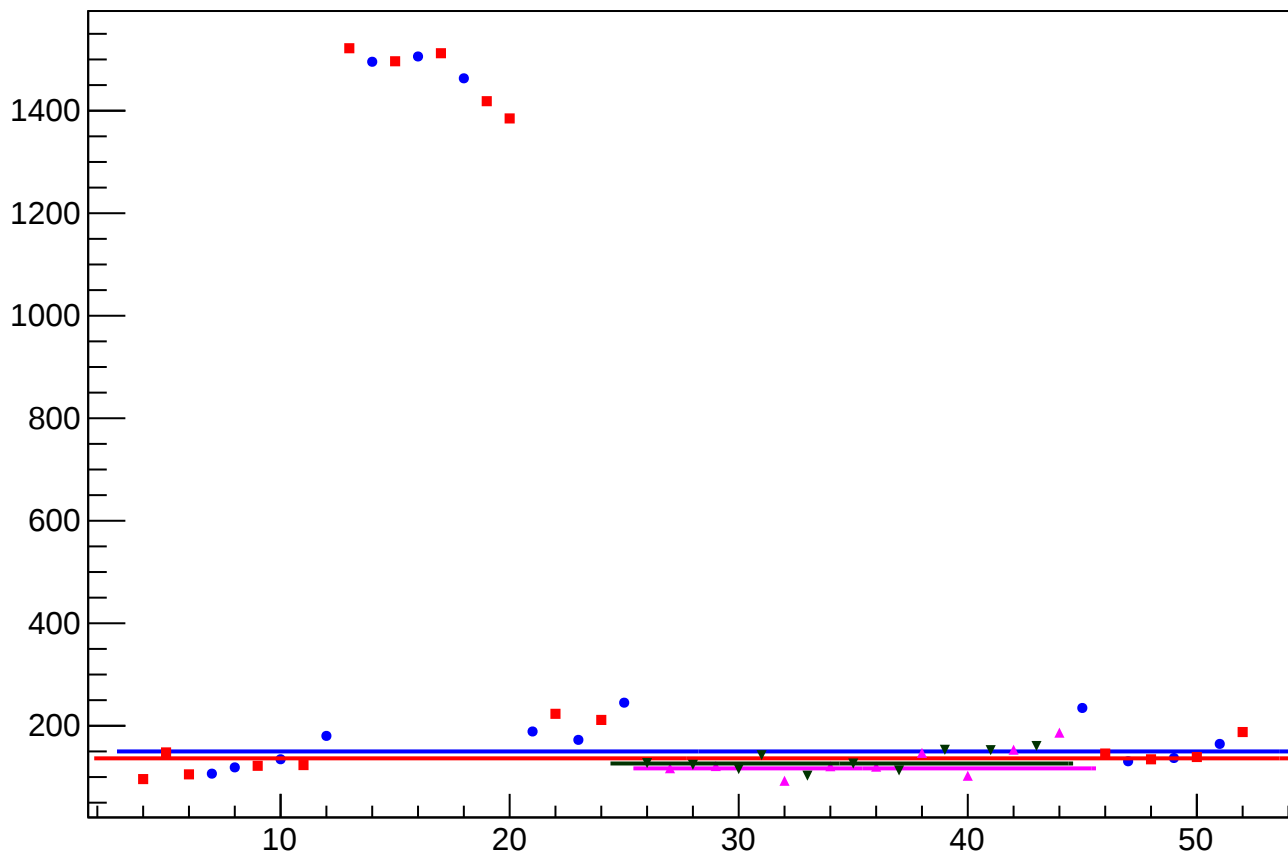
Right Out: 88.186 $\pm$ 57.192 χ^2 /NDF: 3.6/15

Left In: -7.345 $\pm$ 50.616 χ^2 /NDF:0.5/8

40.526 $\pm$ 40.355 χ^2 /NDF: 10.4/23

34.615 $\pm$ 37.903 χ^2 /NDF: 5.7/24

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 149.984+/-0.042 χ^2/NDF : 4439262.7/13

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

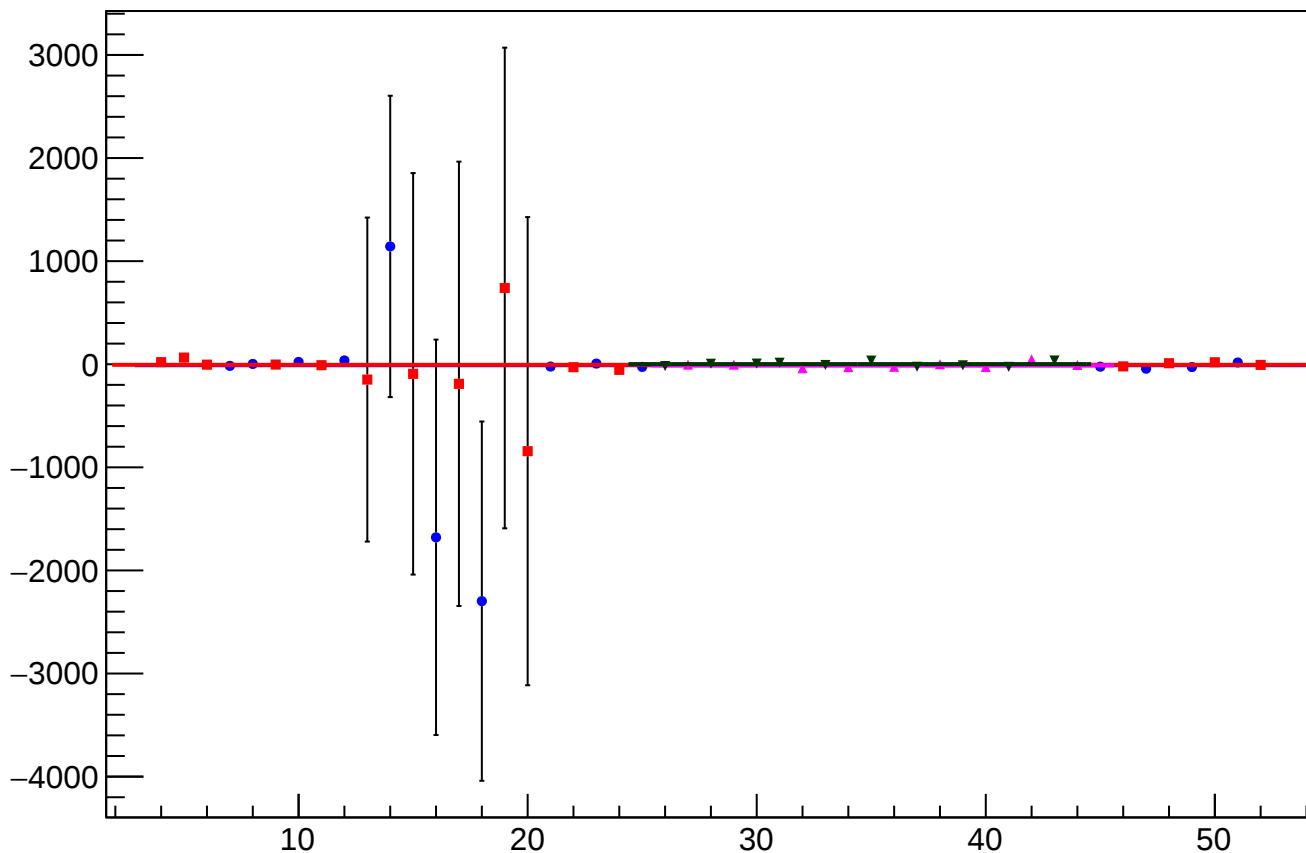
Right Out: 136.489+/-0.040 χ^2/NDF : 5209162.8/15

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

137.535+/-0.029 χ^2/NDF : 4810191.4/23

125.508+/-0.027 χ^2/NDF : 5727162.1/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -9.550+/-6.971 χ^2/NDF : 13.5/13

Left Out: 1.404+/-7.049 χ^2/NDF : 9.5/9

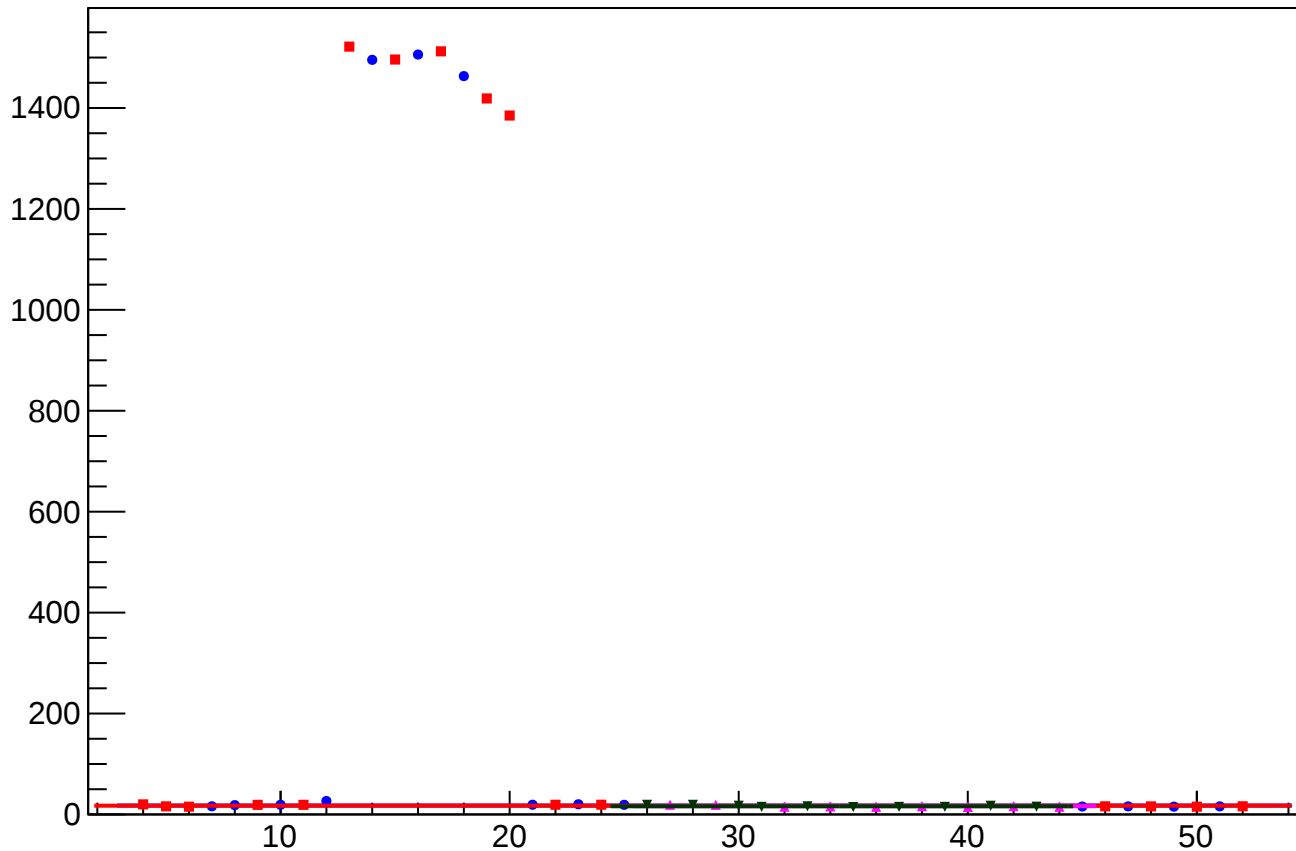
Right Out: -5.596+/-7.274 χ^2/NDF : 10.0/15

Left In: -12.005+/-6.949 χ^2/NDF : 11.5/8

-4.134+/-4.956 χ^2/NDF : 24.2/23

-8.947+/-5.025 χ^2/NDF : 21.9/24

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.708+/-0.005 χ^2/NDF : 4870083.3/13

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

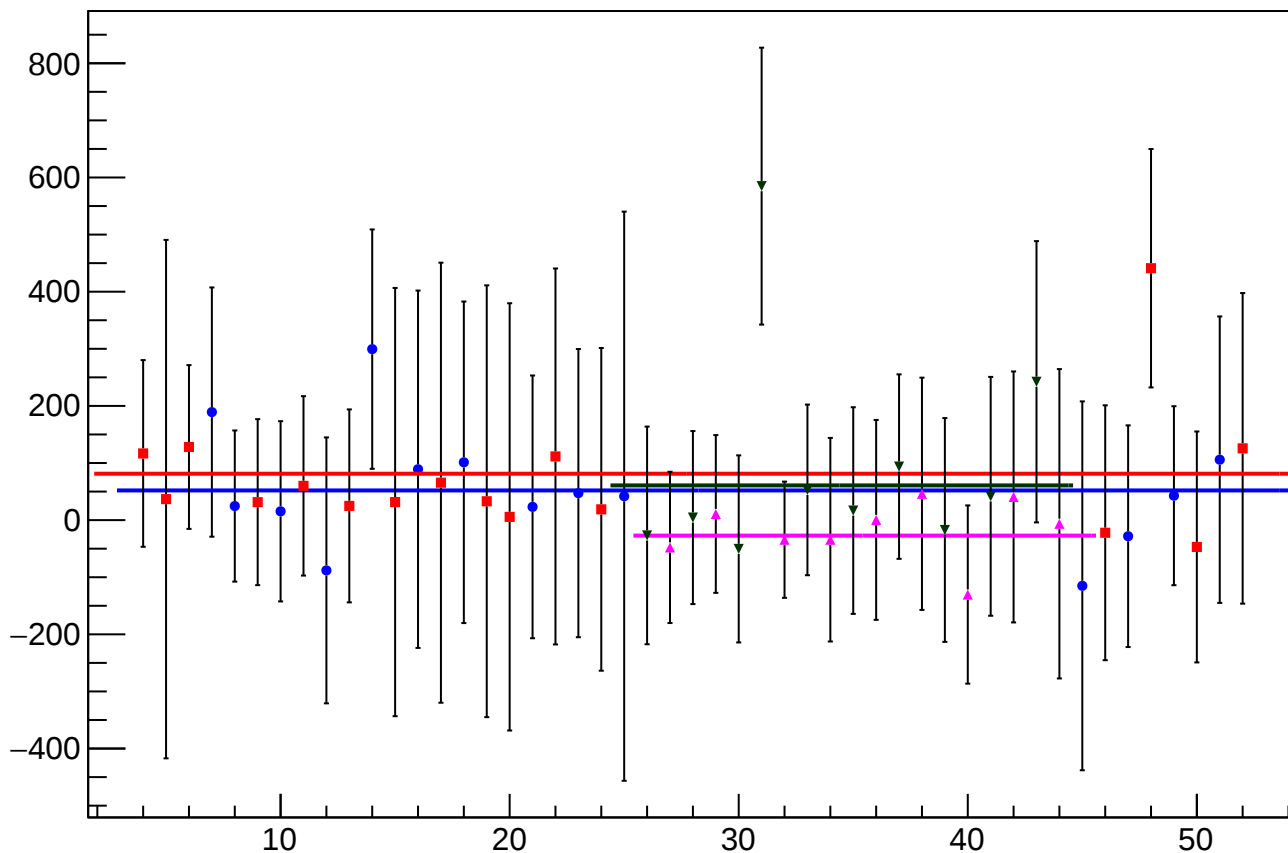
Right Out: 17.353+/-0.005 χ^2/NDF : 5511085.2/15

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

16.972+/-0.004 χ^2/NDF : 5012329.9/23

16.845+/-0.004 χ^2/NDF : 5634095.9/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.987+/-56.464 χ^2/NDF : 2.8/13

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

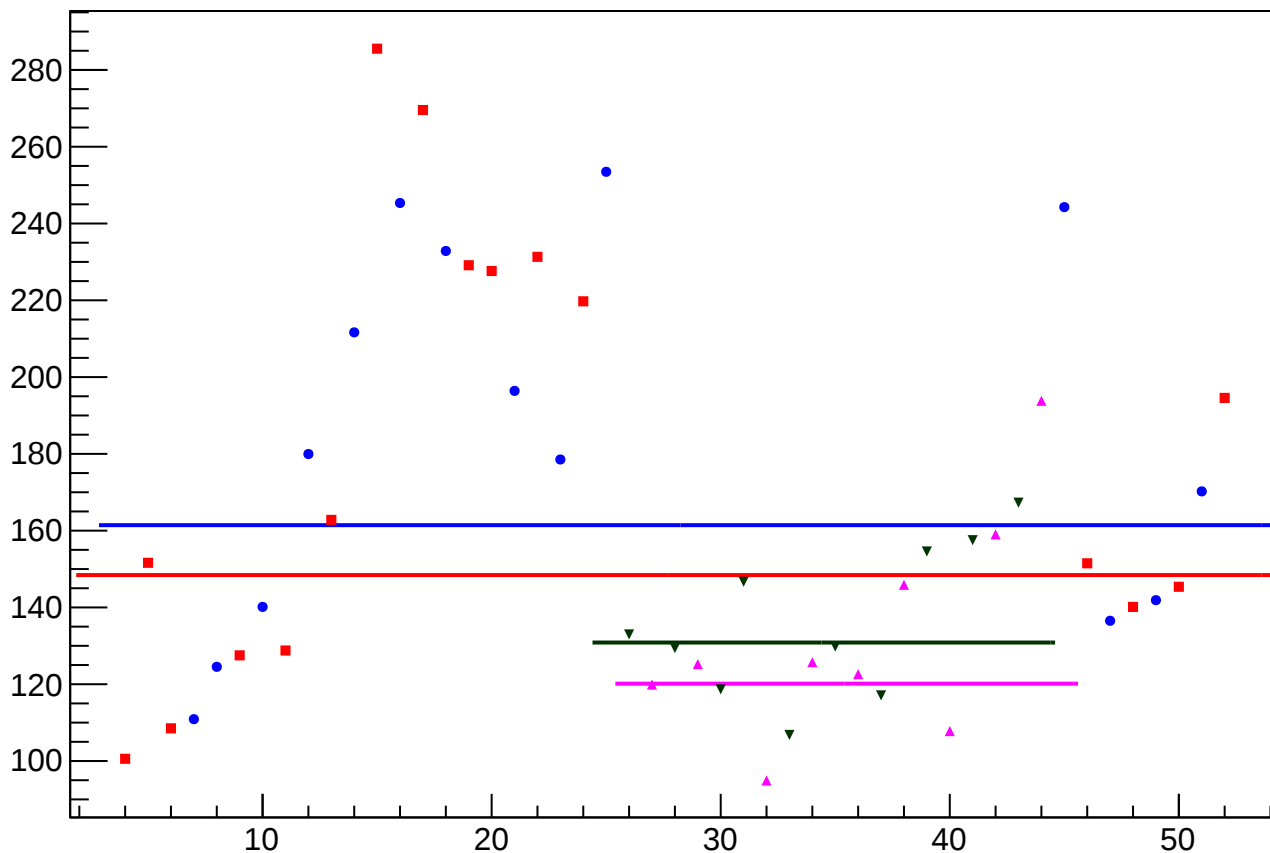
Right Out: 81.270+/-53.874 χ^2/NDF : 4.2/15

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

56.315+/-40.222 χ^2/NDF : 9.1/23

25.173+/-37.417 χ^2/NDF : 7.1/24

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 161.428+/-0.040 χ^2/NDF : 1020798.0/13

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

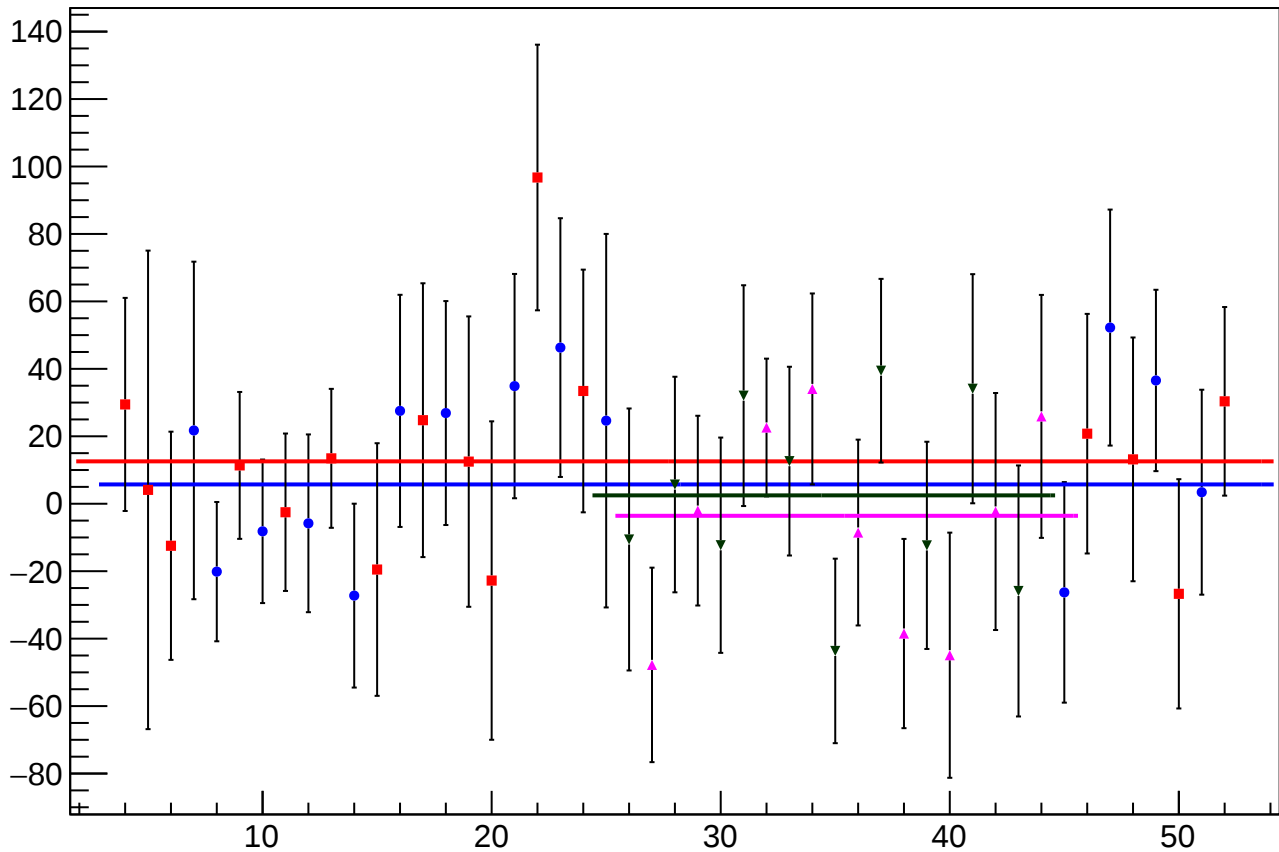
146.372+/-0.028 χ^2/NDF : 1501610.4/23

Right Out: 148.435+/-0.038 χ^2/NDF : 1375270.0/15

133.793+/-0.026 χ^2/NDF : 2043962.2/24

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: 5.727 ± 8.002 $\chi^2/\text{NDF}: 10.6/13$

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

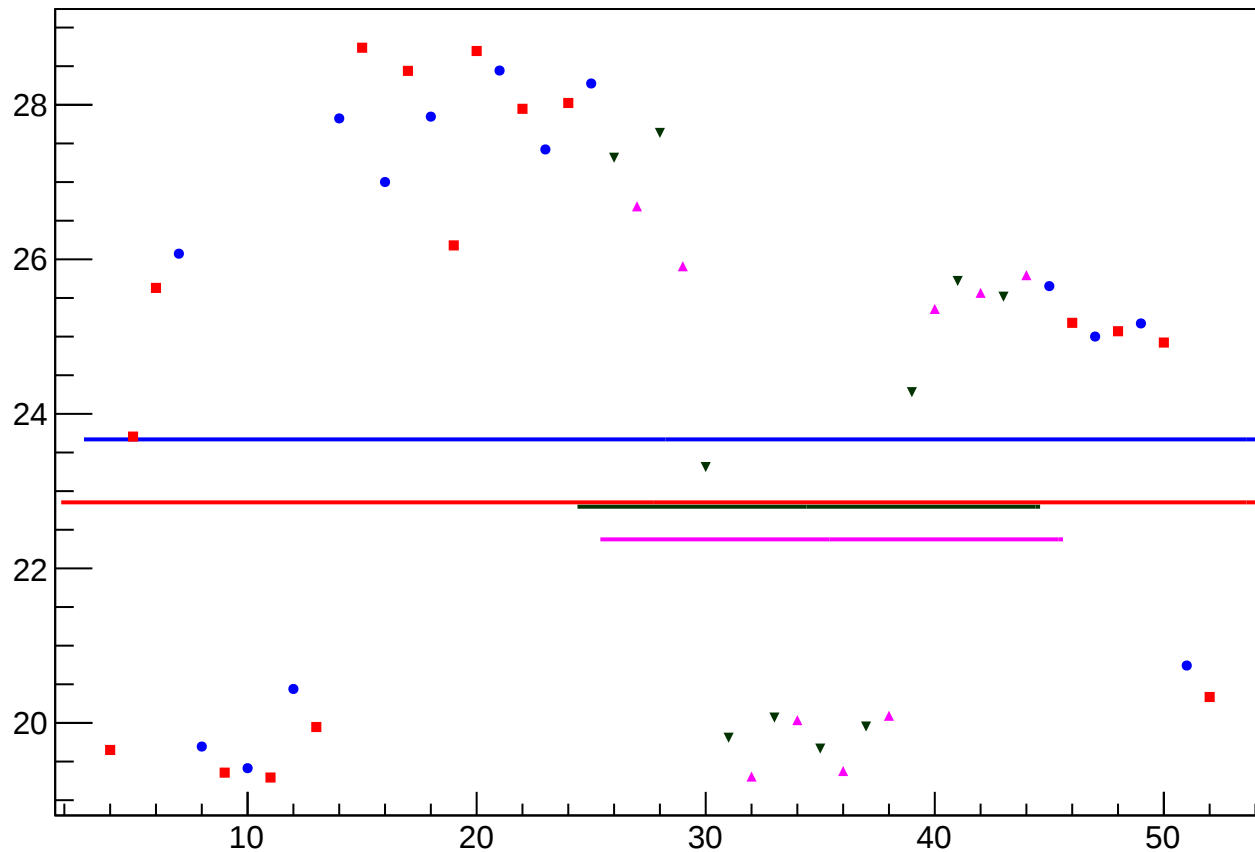
Right Out: 12.567 ± 7.955 $\chi^2/\text{NDF}: 9.4/15$

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

4.447 ± 6.228 $\chi^2/\text{NDF}: 18.3/23$

5.930 ± 6.104 $\chi^2/\text{NDF}: 20.4/24$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.670 $\pm$ 0.006 χ^2 /NDF: 394810.5/13

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

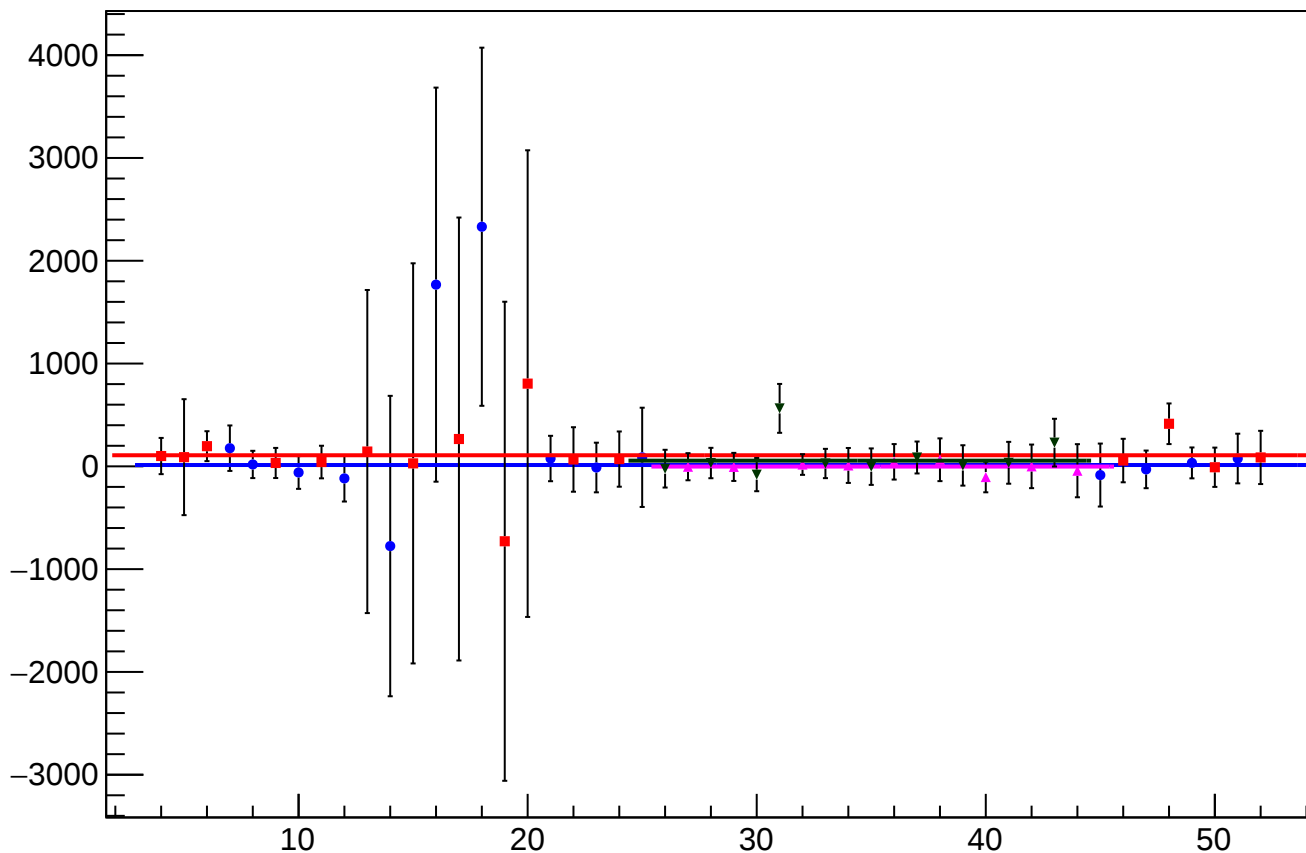
23.326 $\pm$ 0.004 χ^2 /NDF: 591411.2/23

Right Out: 22.855 $\pm$ 0.006 χ^2 /NDF: 416514.0/15

22.658 $\pm$ 0.004 χ^2 /NDF: 639531.0/24

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

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 12.924+/-59.620 χ^2/NDF : 4.3/13

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

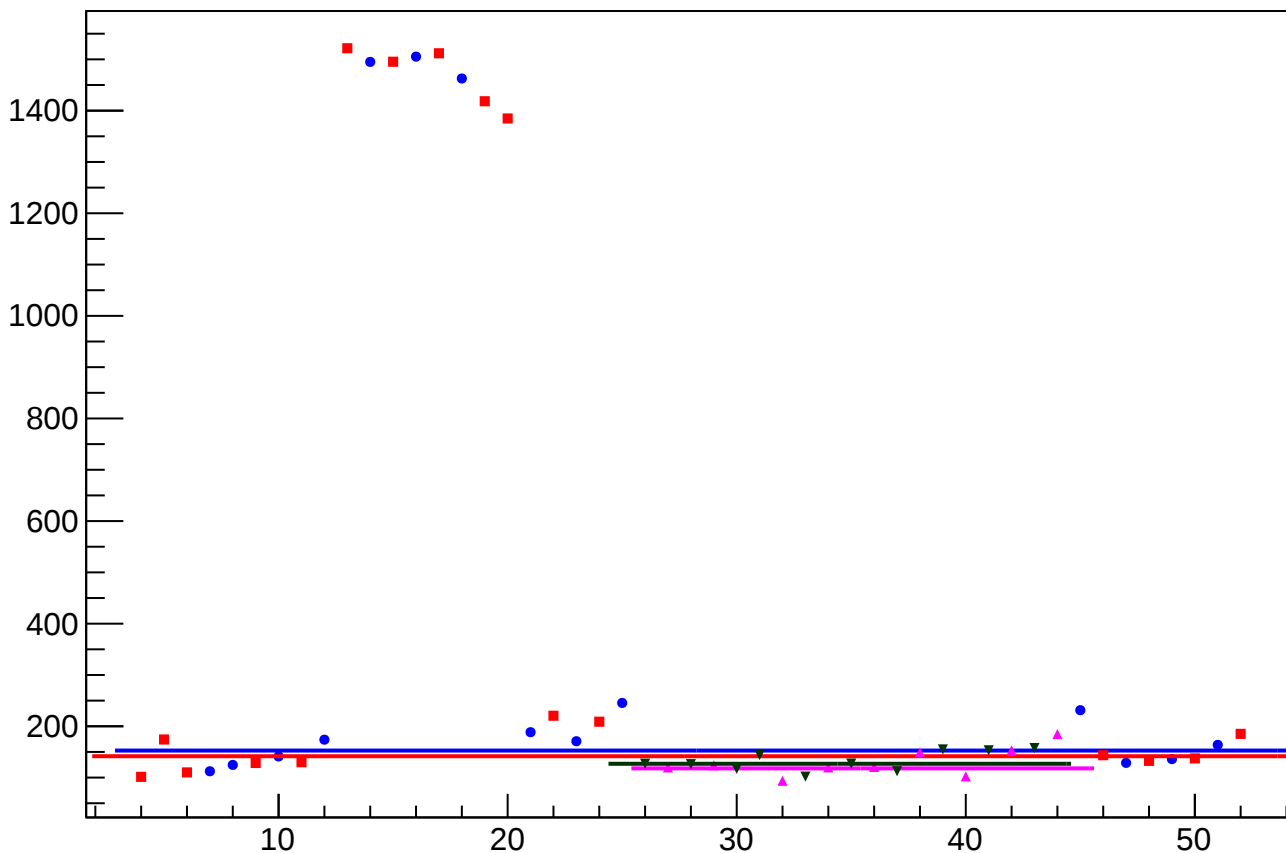
Right Out: 107.882+/-59.290 χ^2/NDF : 3.9/15

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

35.614+/-40.692 χ^2/NDF : 10.9/23

44.637+/-38.678 χ^2/NDF : 6.6/24

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 152.682 ± 0.042 χ^2/NDF : 4331629.3/13

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

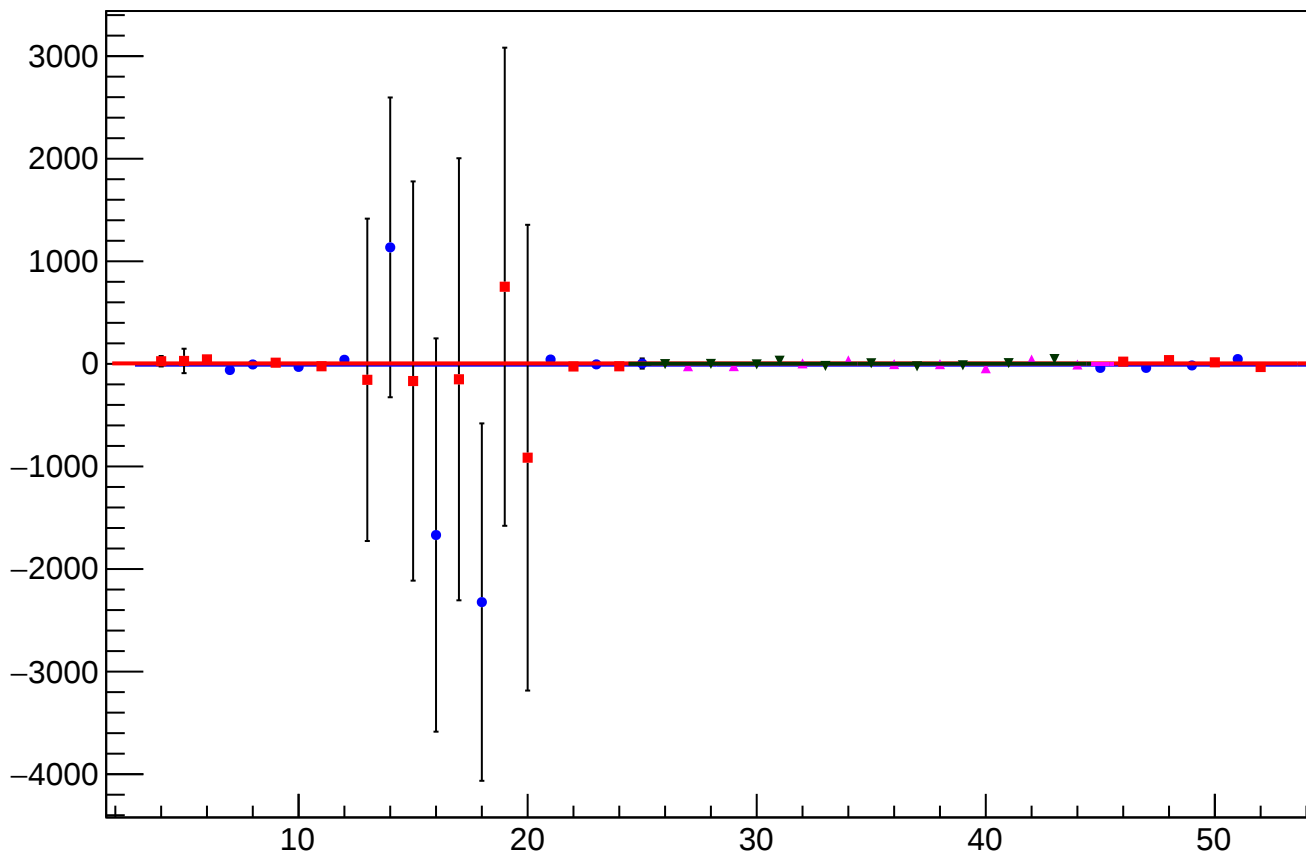
138.910 ± 0.029 χ^2/NDF : 4737540.3/23

Right Out: 141.642 ± 0.042 χ^2/NDF : 5065052.1/15

128.028 ± 0.027 χ^2/NDF : 5625575.4/24

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

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -7.838+/-9.000 χ^2/NDF : 15.3/13

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

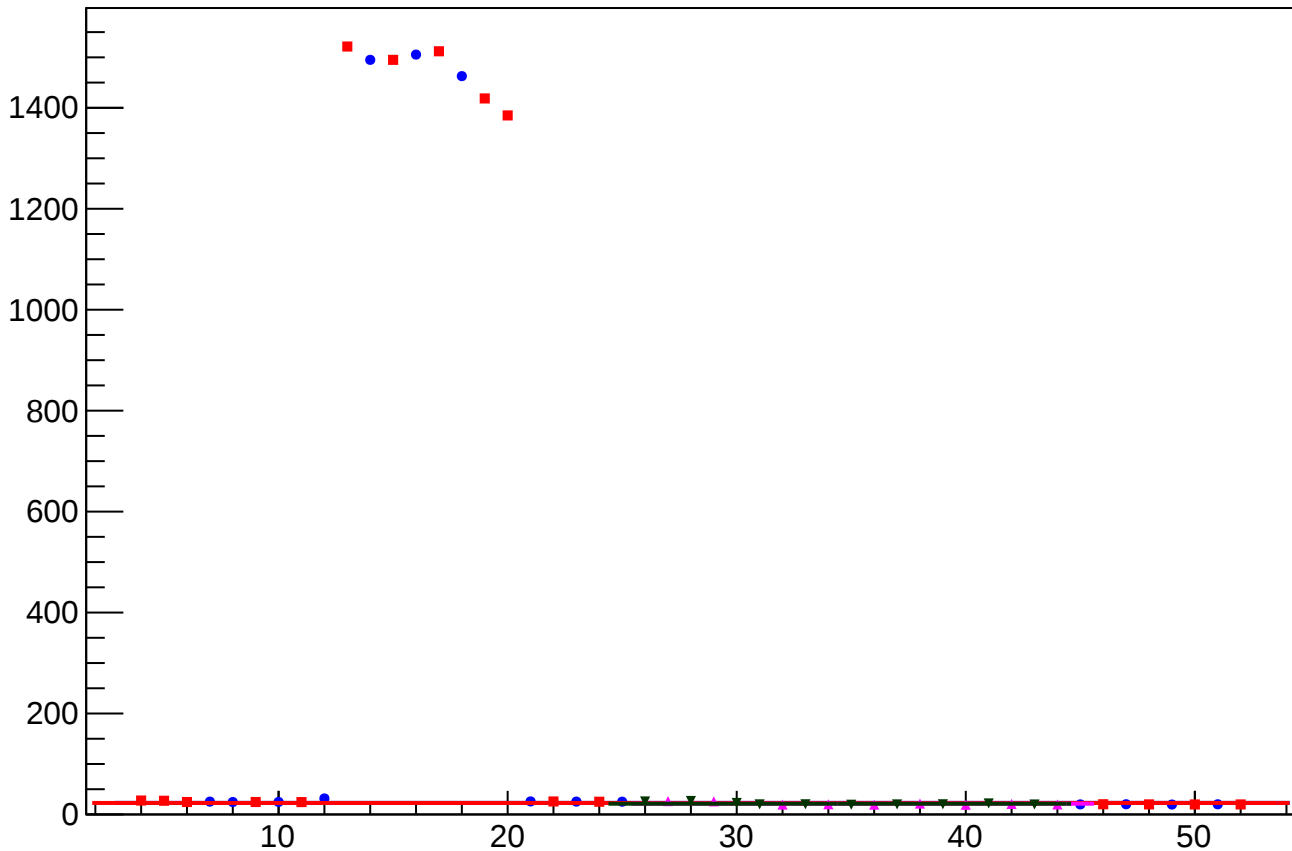
Right Out: 4.626+/-9.669 χ^2/NDF : 7.8/15

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

-3.460+/-6.452 χ^2/NDF : 21.1/23

1.299+/-6.606 χ^2/NDF : 15.3/24

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 22.944+/-0.006 χ^2/NDF : 4849299.6/13

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

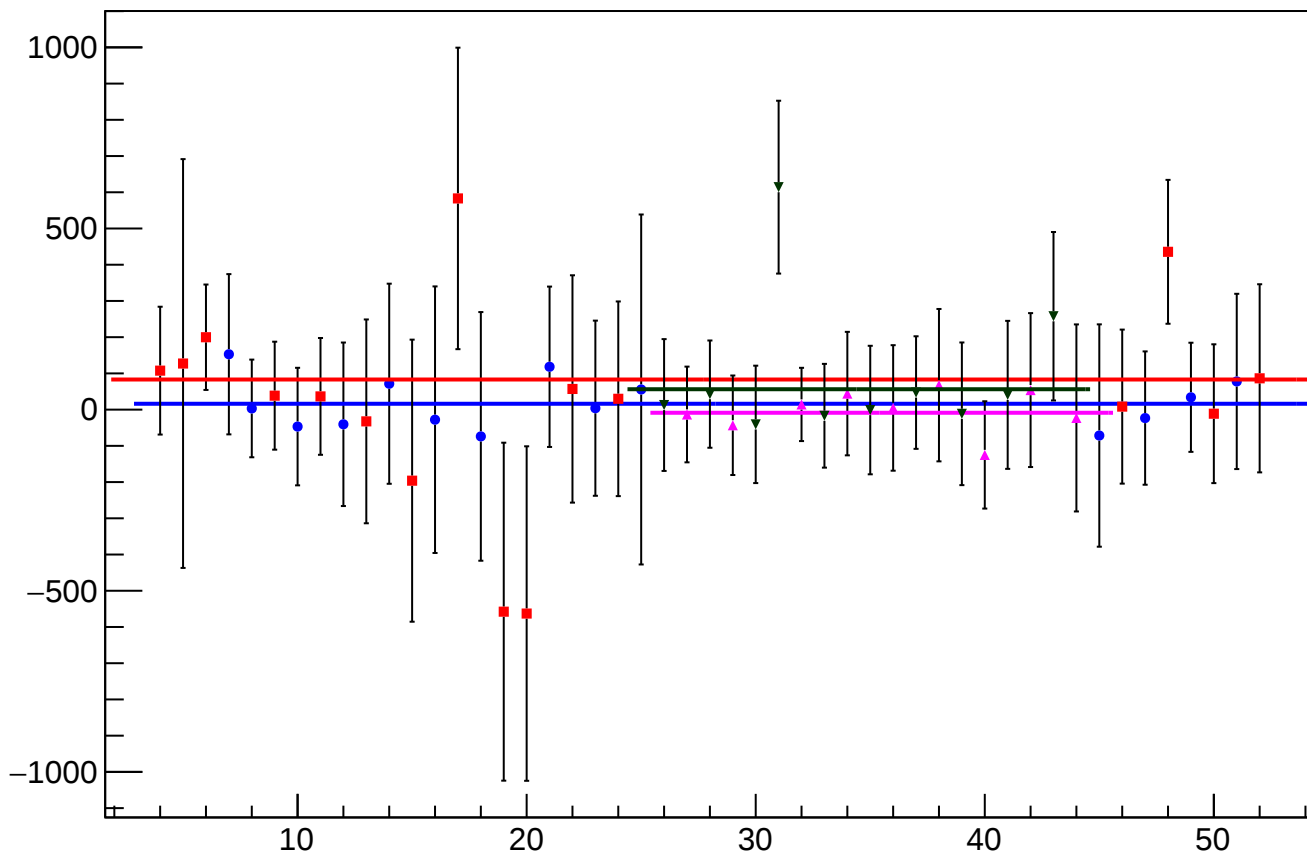
Right Out: 22.792+/-0.007 χ^2/NDF : 5507631.2/15

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

22.143+/-0.005 χ^2/NDF : 5010922.7/23

22.000+/-0.005 χ^2/NDF : 5692659.8/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 16.193+/-57.241 χ^2/NDF : 1.2/13

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

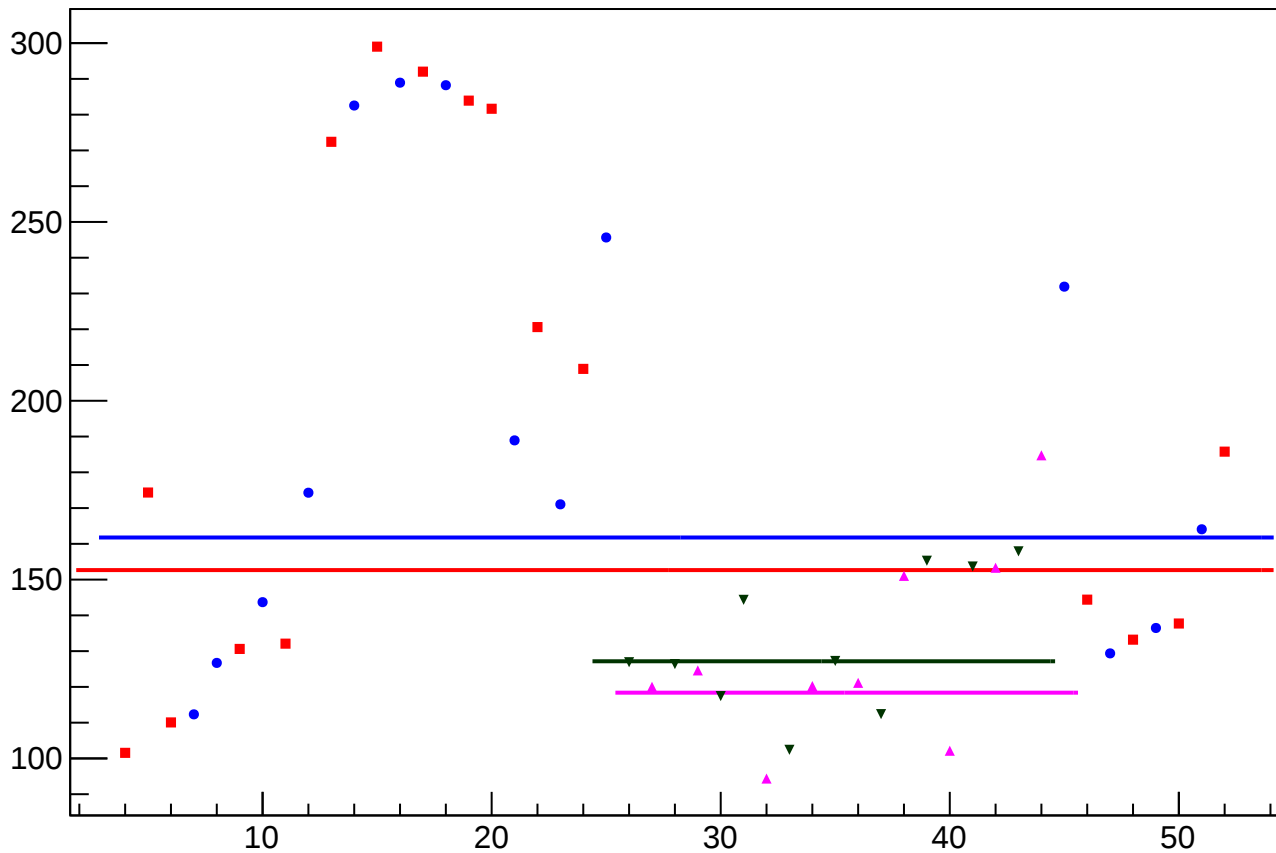
Right Out: 83.144+/-56.445 χ^2/NDF : 10.4/15

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

36.779+/-39.939 χ^2/NDF : 8.5/23

32.797+/-37.930 χ^2/NDF : 12.9/24

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 161.773+/-0.040 χ^2/NDF : 1475617.5/13

Left Out: 127.165+/-0.039 χ^2/NDF : 204883.4/9

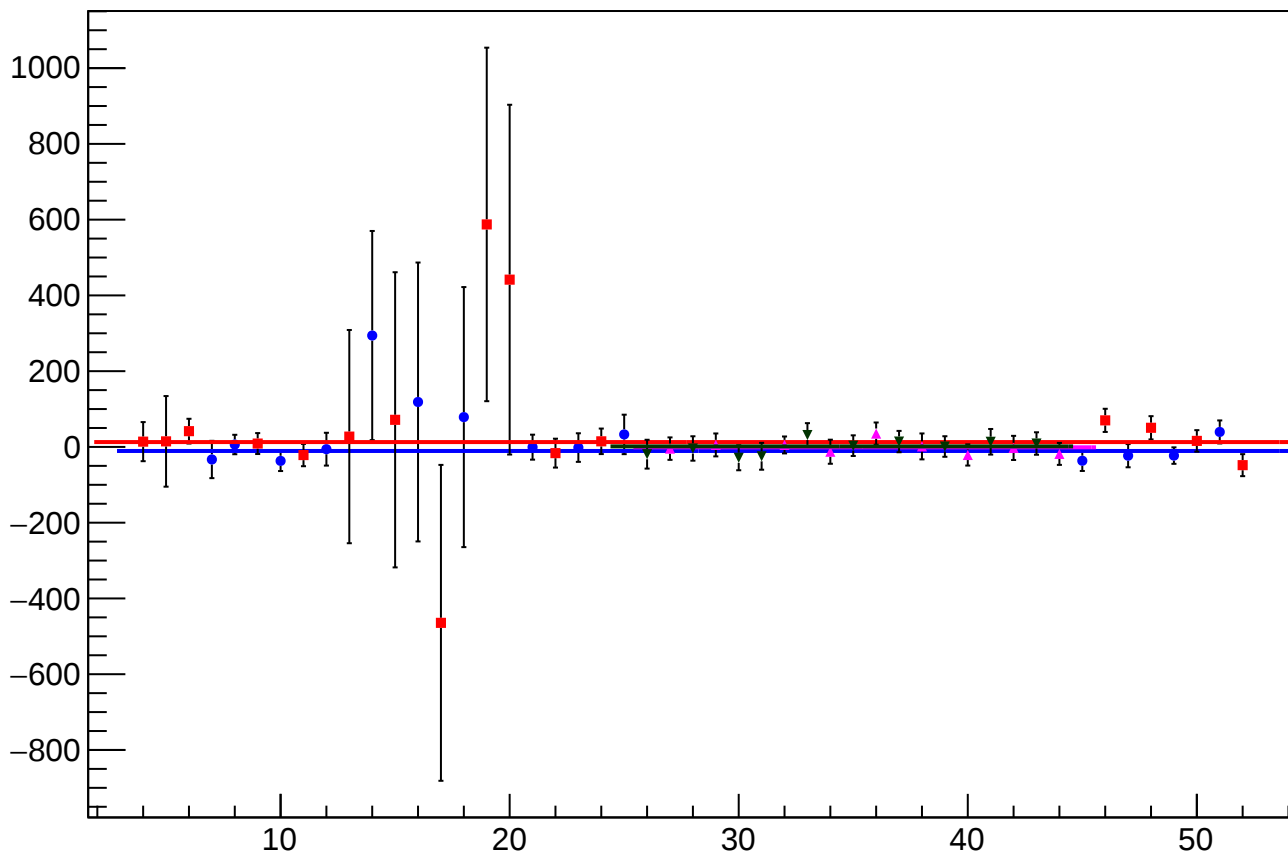
144.013+/-0.028 χ^2/NDF : 2055671.8/23

Right Out: 152.660+/-0.040 χ^2/NDF : 1850561.3/15

133.864+/-0.027 χ^2/NDF : 2631390.0/24

Left In: 118.387+/-0.036 χ^2/NDF : 376424.8/8

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -10.686 ± 9.319 χ^2/NDF : 8.0/13

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

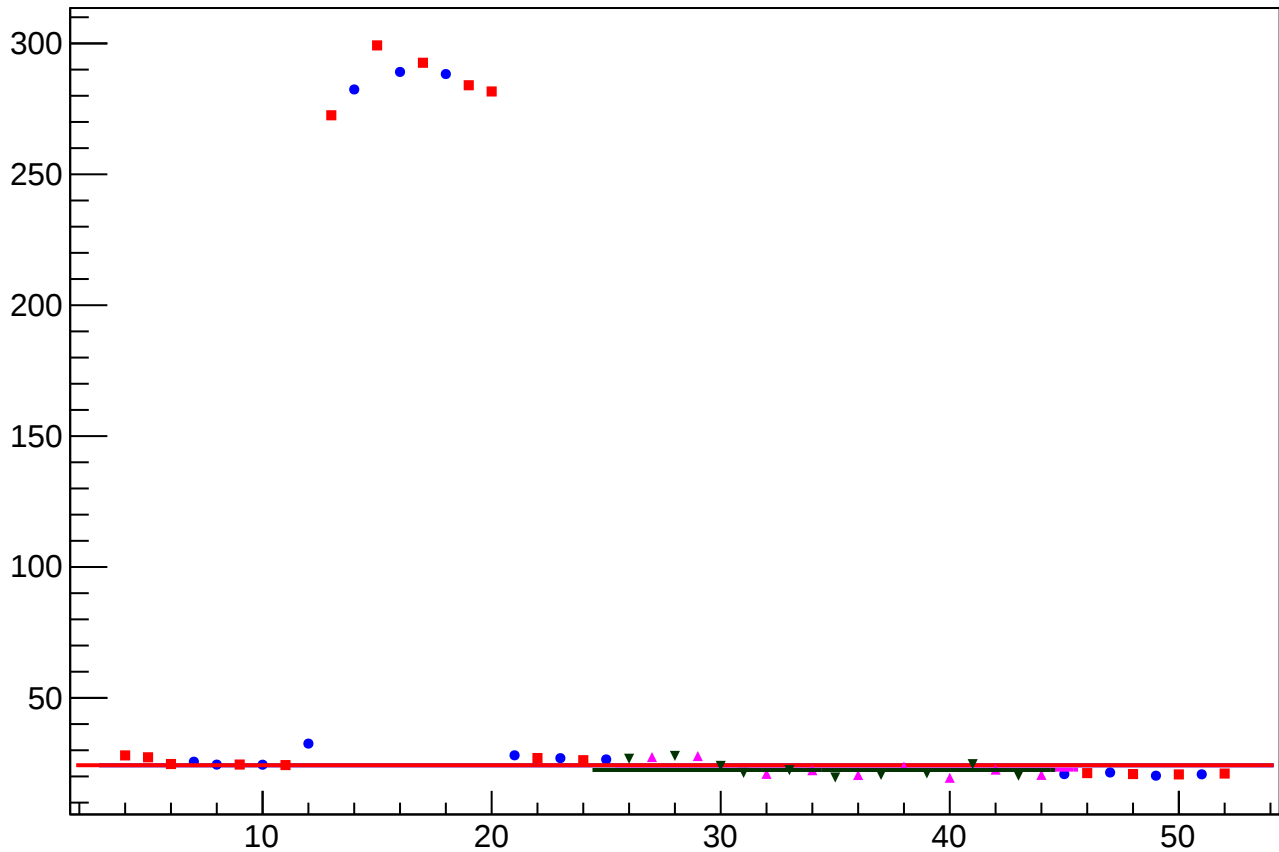
Right Out: 12.827 ± 9.994 χ^2/NDF : 15.9/15

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

-4.951 ± 6.761 χ^2/NDF : 11.8/23

5.669 ± 6.948 χ^2/NDF : 19.6/24

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 24.241+/-0.007 χ^2/NDF : 4223477.9/13

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

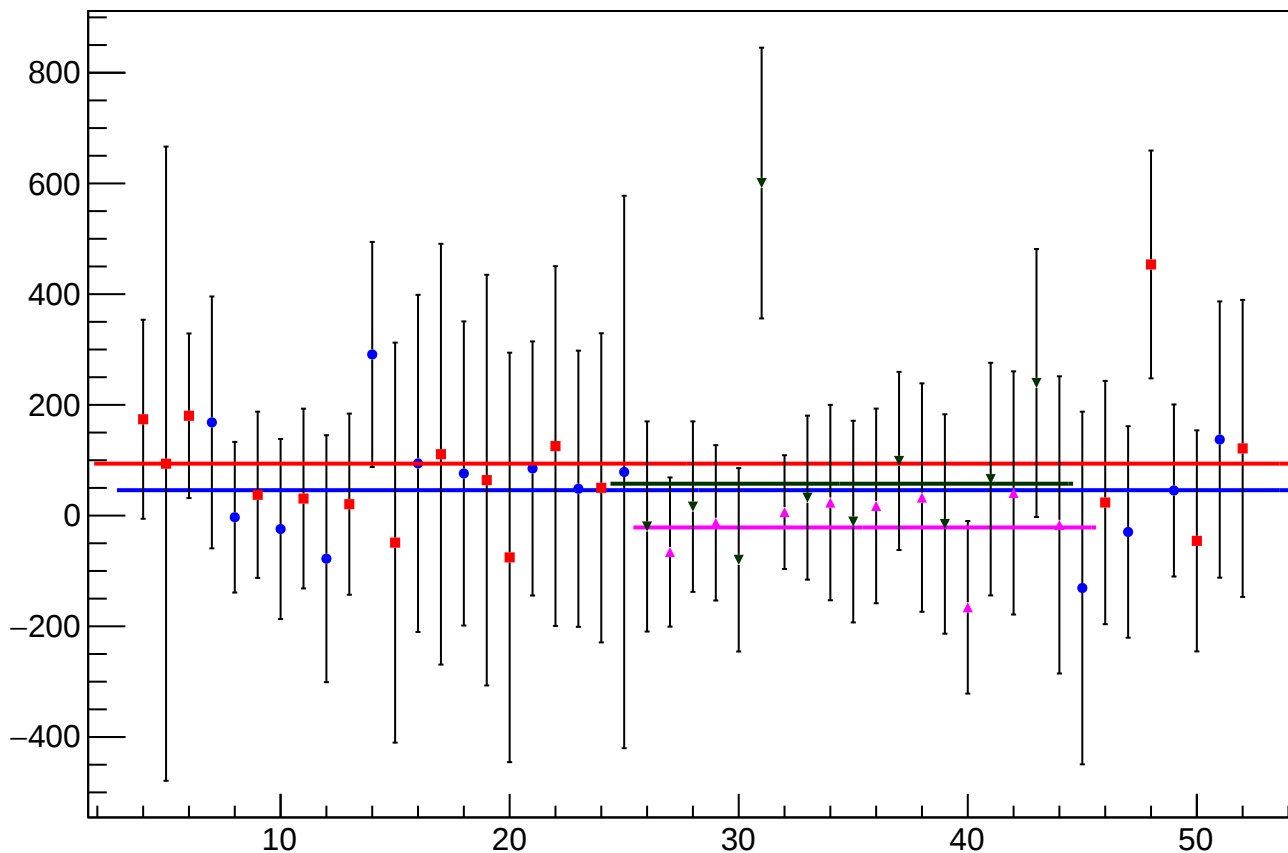
Right Out: 24.283+/-0.007 χ^2/NDF : 4748863.1/15

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

23.402+/-0.005 χ^2/NDF : 4400647.6/23

23.413+/-0.005 χ^2/NDF : 4946309.4/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 45.899+/-56.503 χ^2/NDF : 3.0/13

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

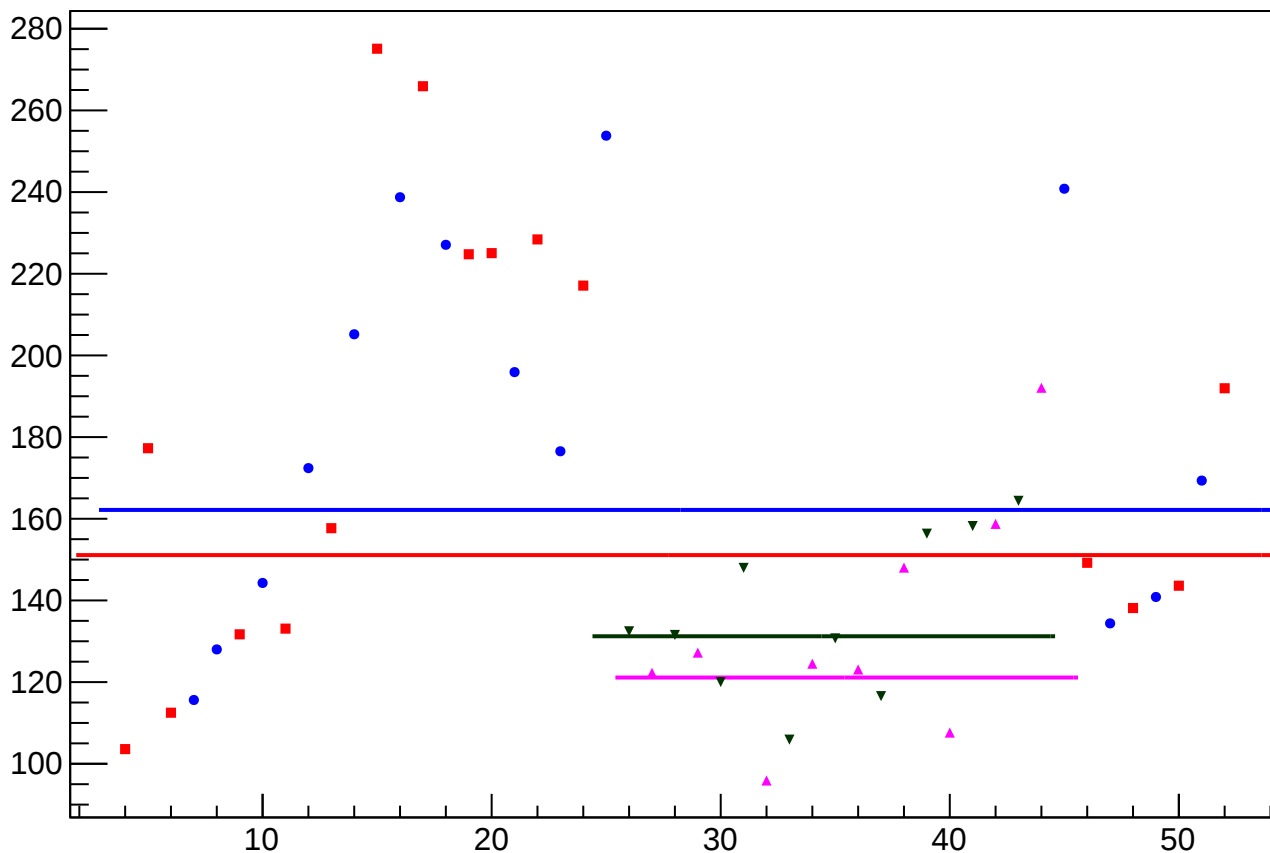
Right Out: 93.858+/-54.747 χ^2/NDF : 5.1/15

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

51.646+/-40.296 χ^2/NDF : 9.9/23

33.689+/-37.852 χ^2/NDF : 8.7/24

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 162.165+/-0.040 χ^2/NDF : 886789.9/13

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

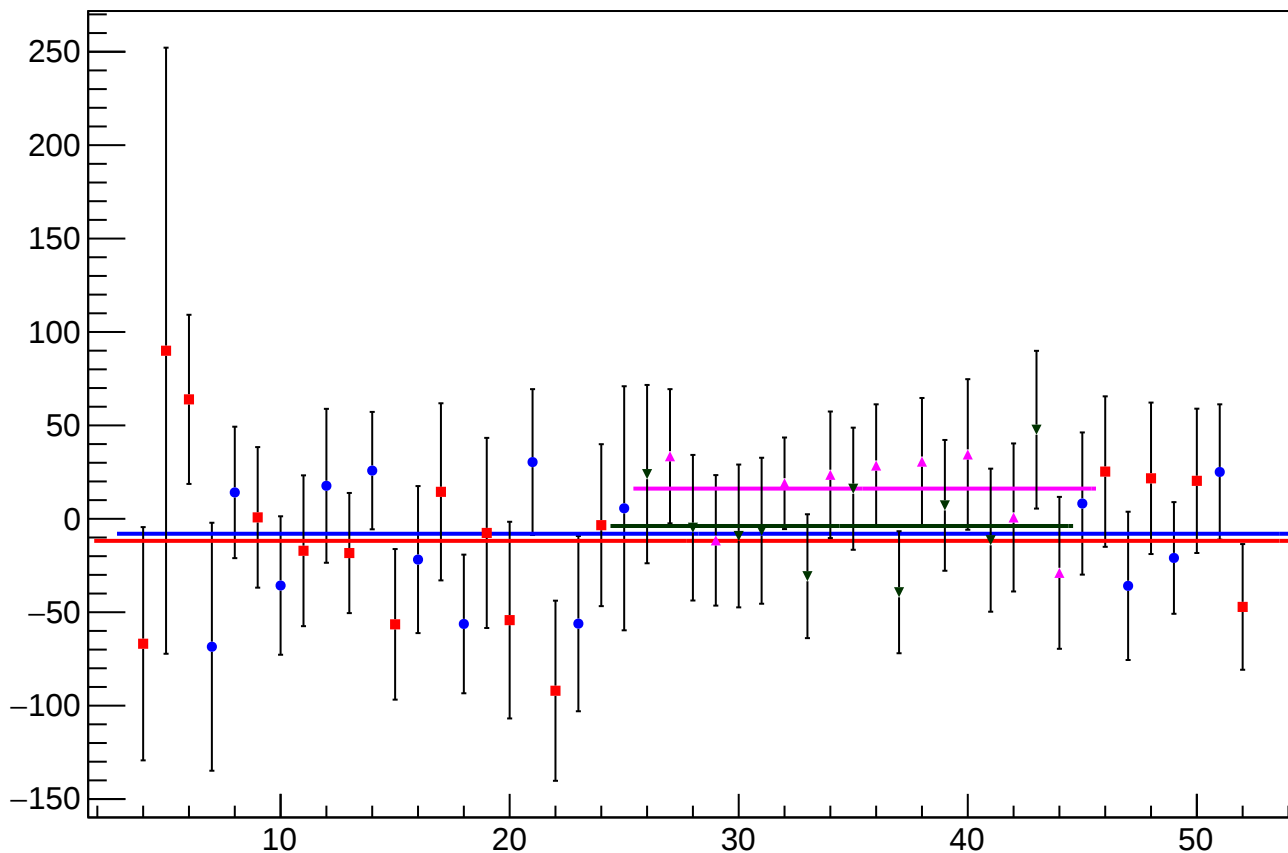
146.962+/-0.028 χ^2/NDF : 1377796.4/23

Right Out: 151.105+/-0.039 χ^2/NDF : 1199151.8/15

135.455+/-0.027 χ^2/NDF : 1885168.4/24

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: -7.995 ± 10.374 χ^2/NDF : 8.9/13

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

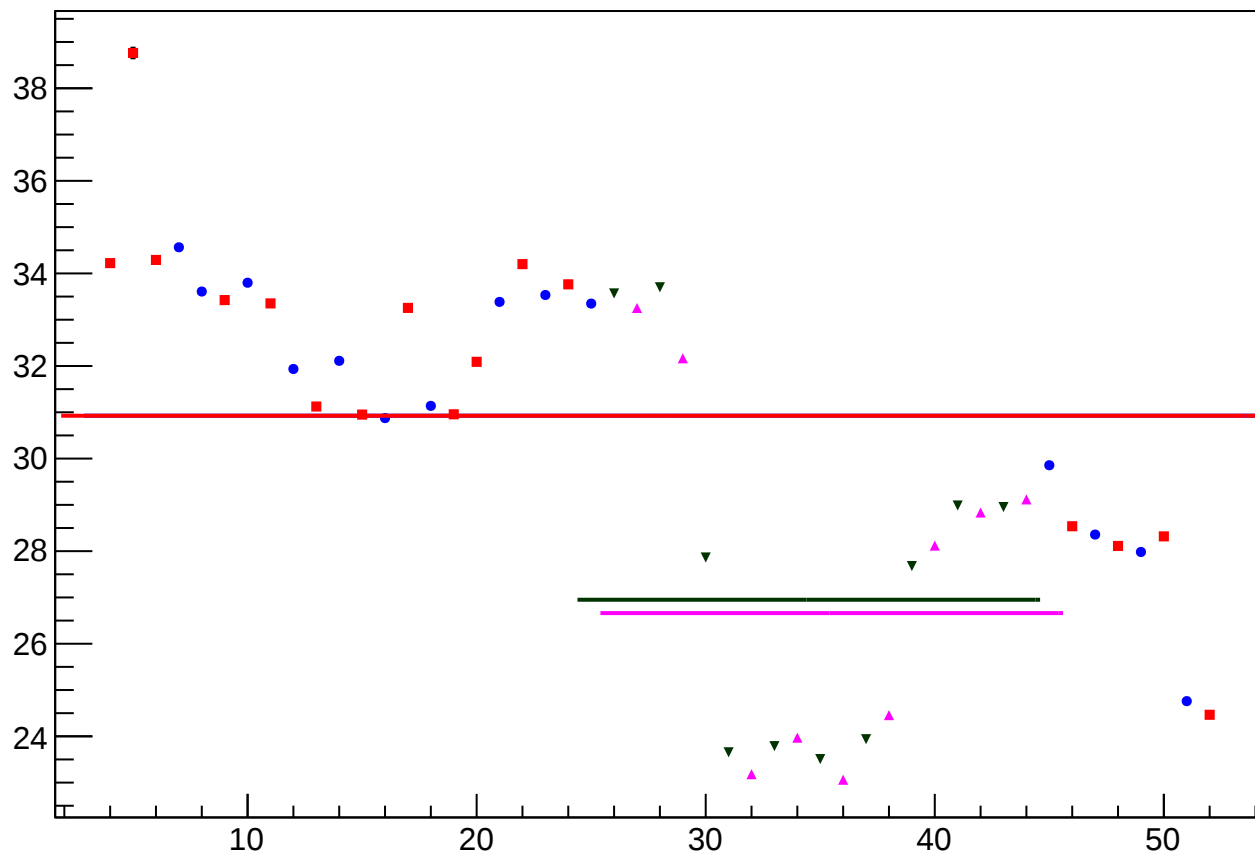
Right Out: -11.797 ± 10.771 χ^2/NDF : 12.5/15

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

-6.170 ± 7.768 χ^2/NDF : 13.2/23

1.473 ± 7.808 χ^2/NDF : 18.5/24

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 30.926+/-0.007 χ^2/NDF : 138002.5/13

Left Out: 26.950+/-0.008 χ^2/NDF :182300.2/9

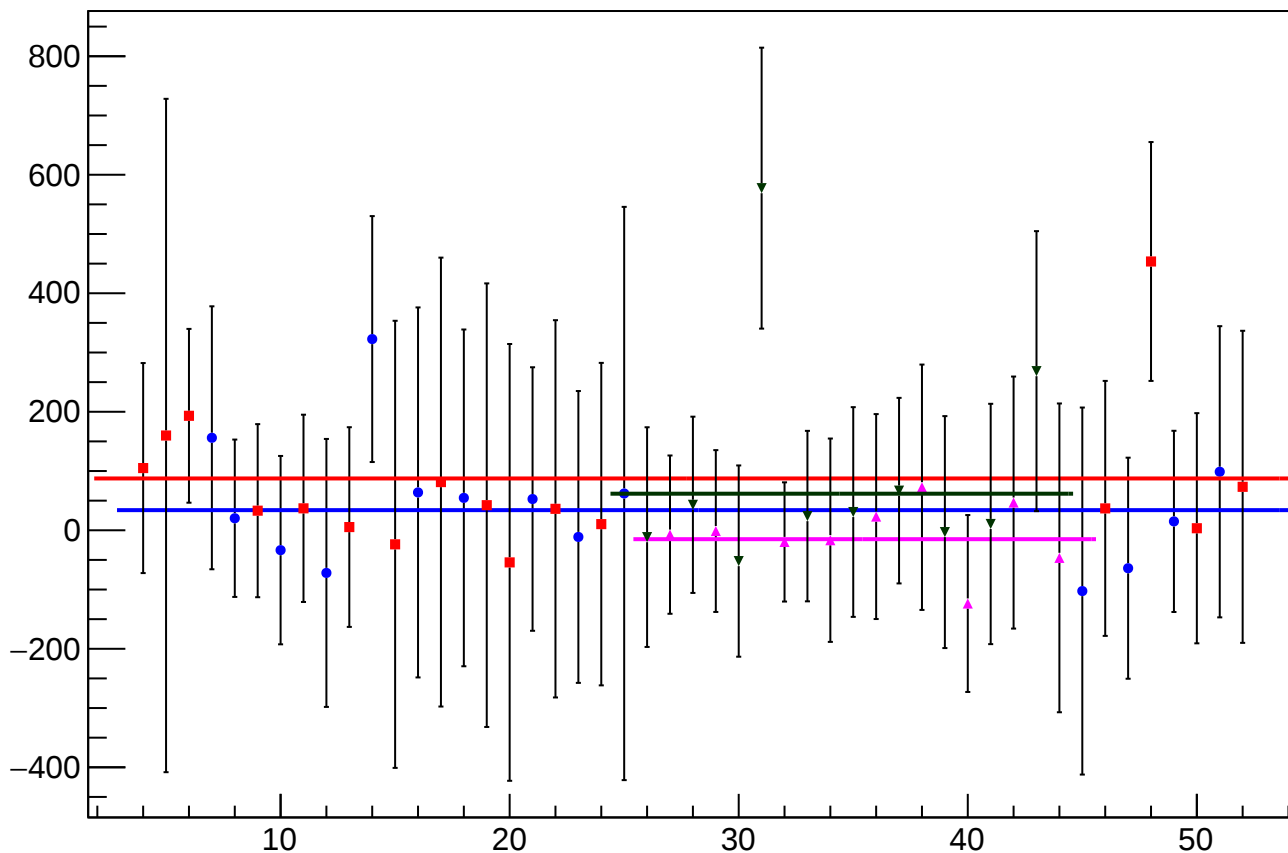
Right Out: 30.925+/-0.008 χ^2/NDF : 160589.4/15

Left In: 26.662+/-0.008 χ^2/NDF :218434.4/8

29.179+/-0.005 χ^2/NDF : 449373.3/23

28.902+/-0.006 χ^2/NDF : 527726.1/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 33.989 $\pm$ 55.770 χ^2 /NDF: 3.3/13

Left Out: 61.733 $\pm$ 55.913 χ^2 /NDF:6.4/9

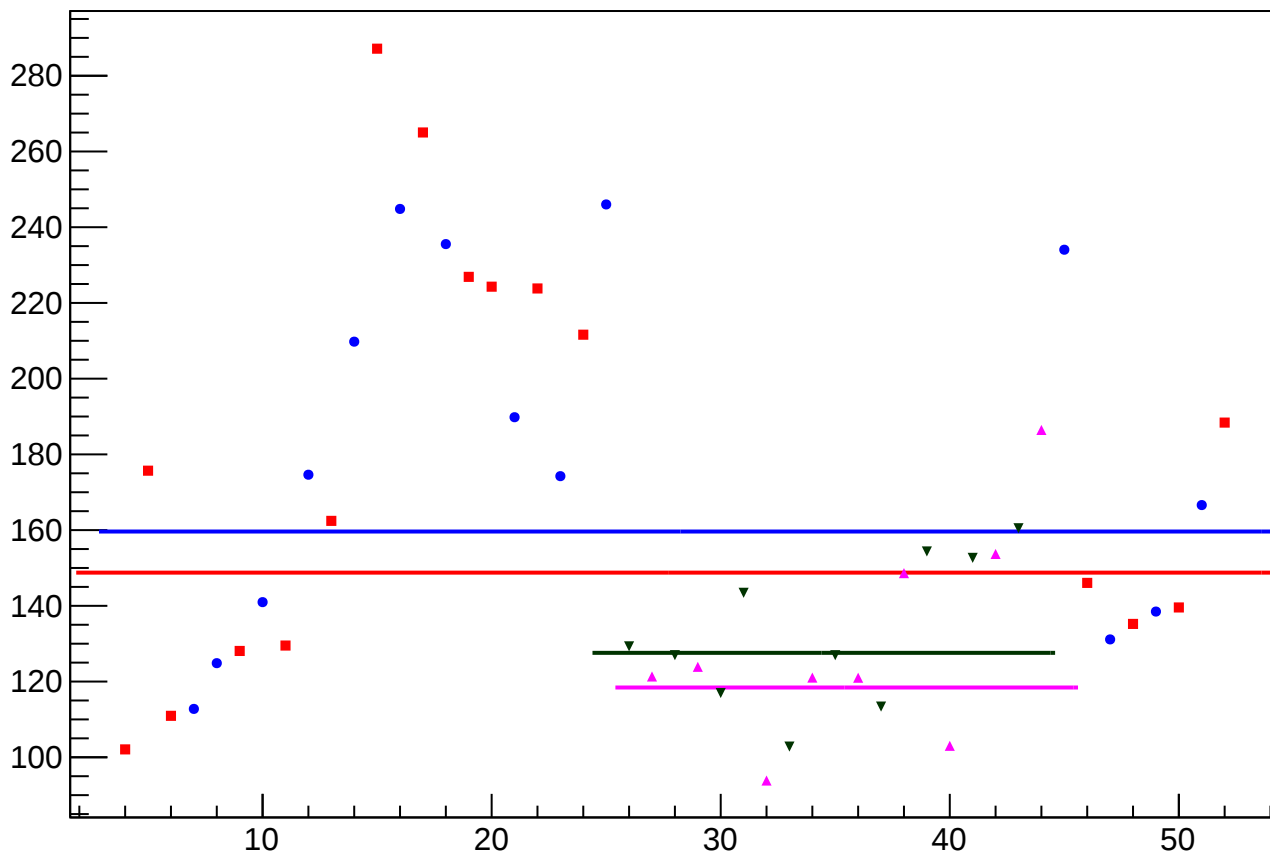
Right Out: 87.449 $\pm$ 54.028 χ^2 /NDF: 4.9/15

Left In: -15.022 $\pm$ 51.235 χ^2 /NDF:0.9/8

47.826 $\pm$ 39.486 χ^2 /NDF: 9.8/23

33.497 $\pm$ 37.177 χ^2 /NDF: 7.7/24

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 159.627+/-0.039 χ^2/NDF : 980818.7/13

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

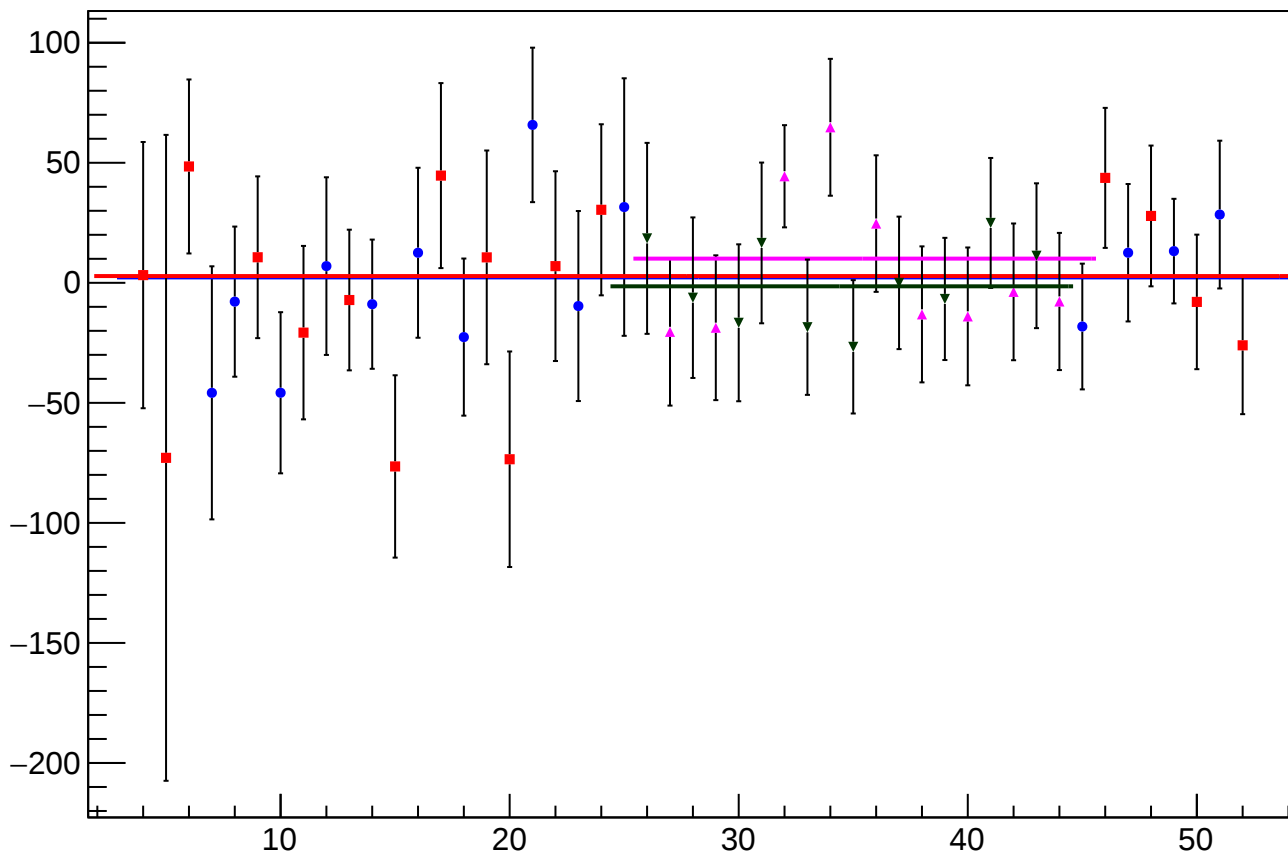
143.647+/-0.028 χ^2/NDF : 1510434.2/23

Right Out: 148.770+/-0.038 χ^2/NDF : 1264798.5/15

132.795+/-0.026 χ^2/NDF : 1976465.1/24

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: 2.259 ± 8.480 $\chi^2/\text{NDF}: 9.8/13$

Left Out: -1.457 ± 9.435 $\chi^2/\text{NDF}: 3.1/9$

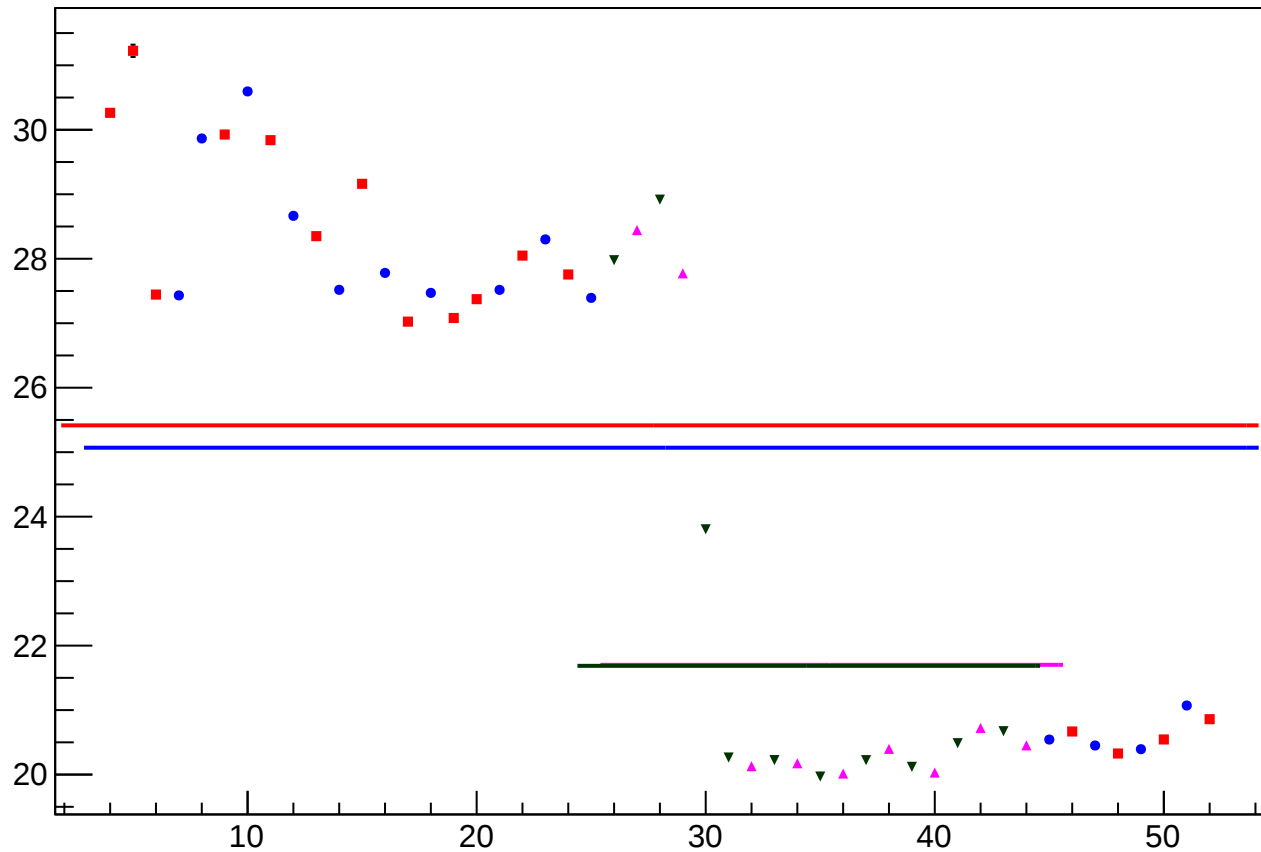
Right Out: 2.815 ± 8.916 $\chi^2/\text{NDF}: 15.4/15$

Left In: 10.080 ± 9.225 $\chi^2/\text{NDF}: 10.4/8$

0.599 ± 6.307 $\chi^2/\text{NDF}: 13.1/23$

6.324 ± 6.411 $\chi^2/\text{NDF}: 26.2/24$

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.069 $\pm$ 0.006 χ^2 /NDF: 429588.1/13

Left Out: 21.686 $\pm$ 0.007 χ^2 /NDF: 187956.4/9

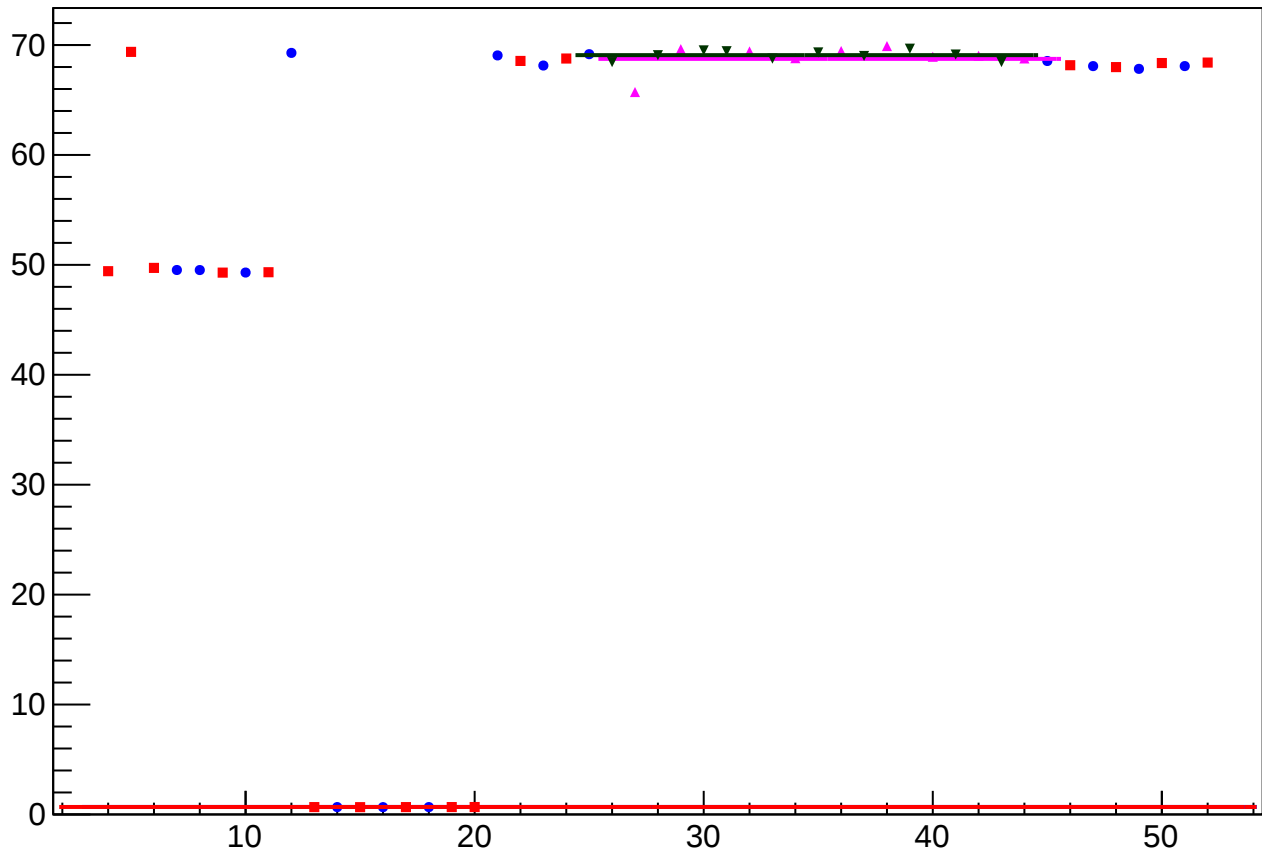
Right Out: 25.416 $\pm$ 0.006 χ^2 /NDF: 382427.7/15

Left In: 21.702 $\pm$ 0.007 χ^2 /NDF: 218285.8/8

23.558 $\pm$ 0.004 χ^2 /NDF: 759766.1/23

23.622 $\pm$ 0.005 χ^2 /NDF: 768303.4/24

yield_bcm_an_ds_mean vs slug



Right In: 0.683+/-0.000 χ^2/NDF : 769081709224.9/13

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

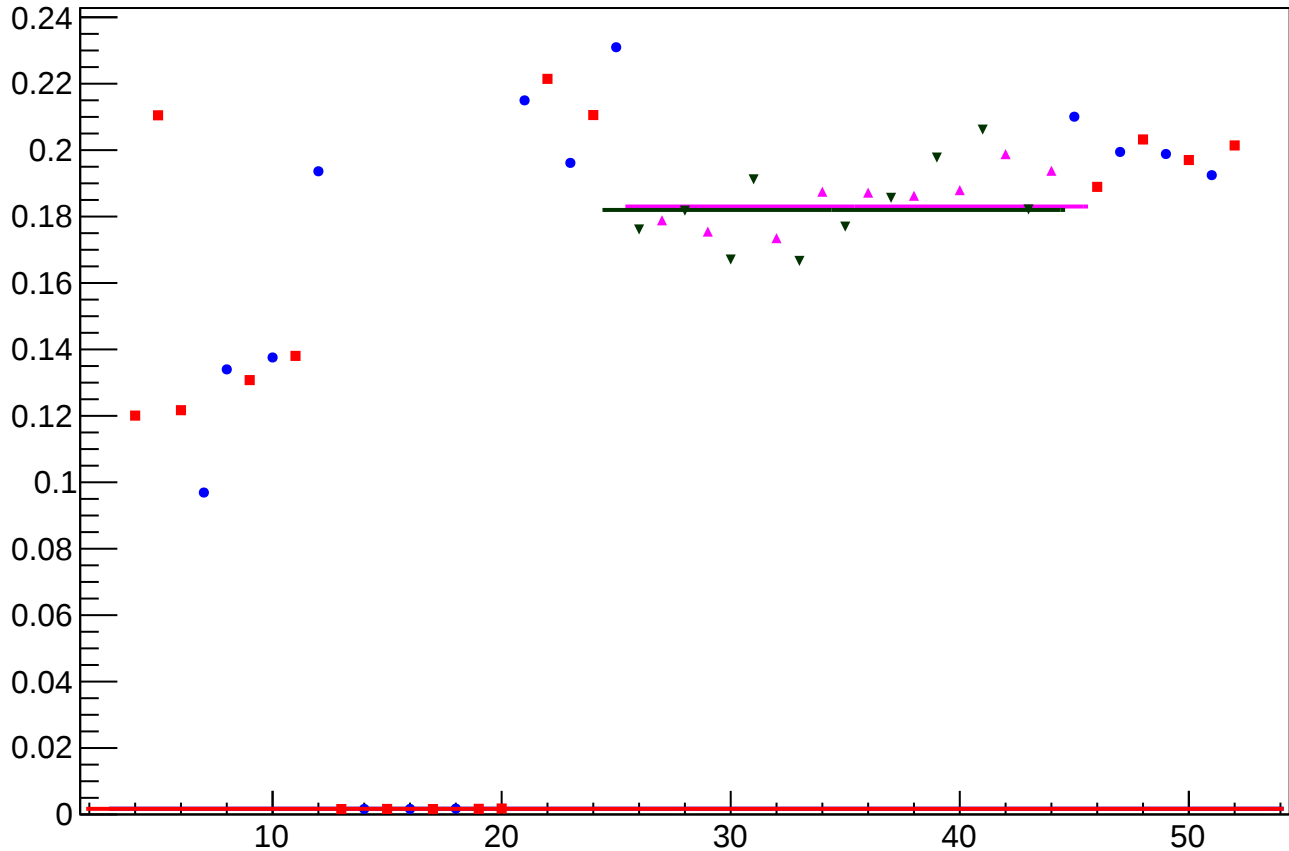
0.696+/-0.000 χ^2/NDF : 1497967424432.4/23

Right Out: 0.681+/-0.000 χ^2/NDF : 669886581871.7/15

0.692+/-0.000 χ^2/NDF : 1420022393502.7/24

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

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 12405431.6/13

Left Out: 0.182+/-0.000 χ^2/NDF :43515.3/9

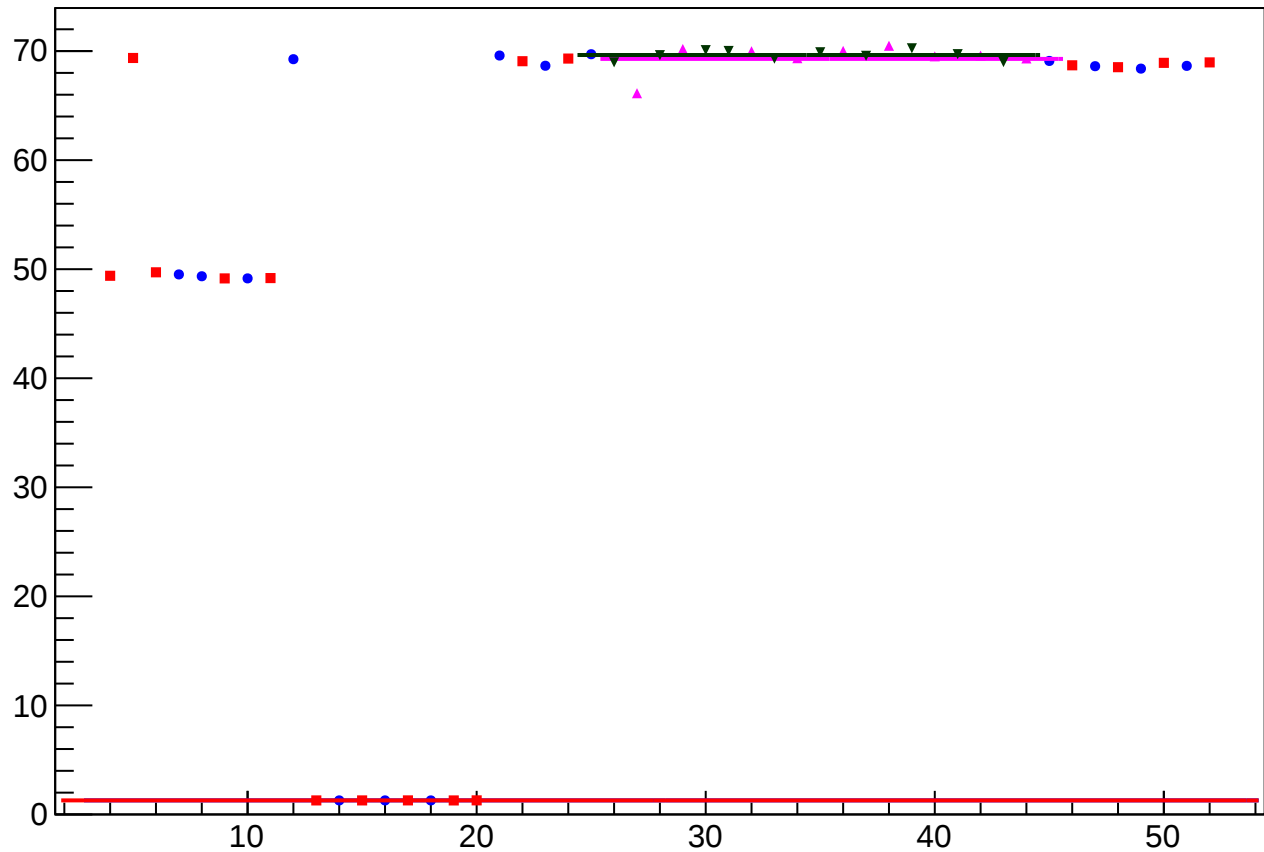
0.002+/-0.000 χ^2/NDF : 22574261.0/23

Right Out: 0.002+/-0.000 χ^2/NDF : 10546620.7/15

0.002+/-0.000 χ^2/NDF : 21212867.8/24

Left In: 0.183+/-0.000 χ^2/NDF :20451.6/8

yield_bcm_an_ds3_mean vs slug



Right In: 1.290+/-0.000 χ^2/NDF : 754951871621.4/13

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

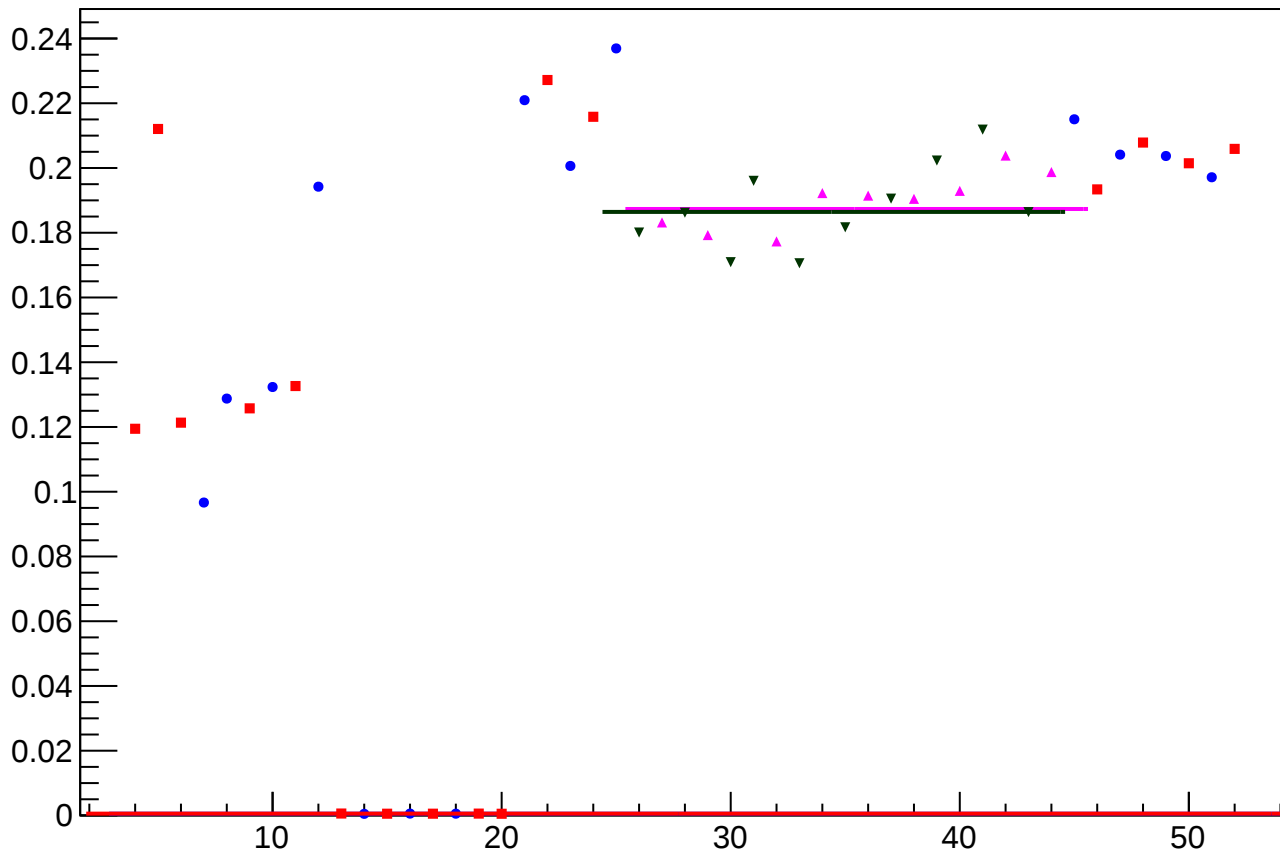
1.292+/-0.000 χ^2/NDF : 1448516071812.1/23

Right Out: 1.290+/-0.000 χ^2/NDF : 659604322078.0/15

1.291+/-0.000 χ^2/NDF : 1374124807015.7/24

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

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 12593952.2/13

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

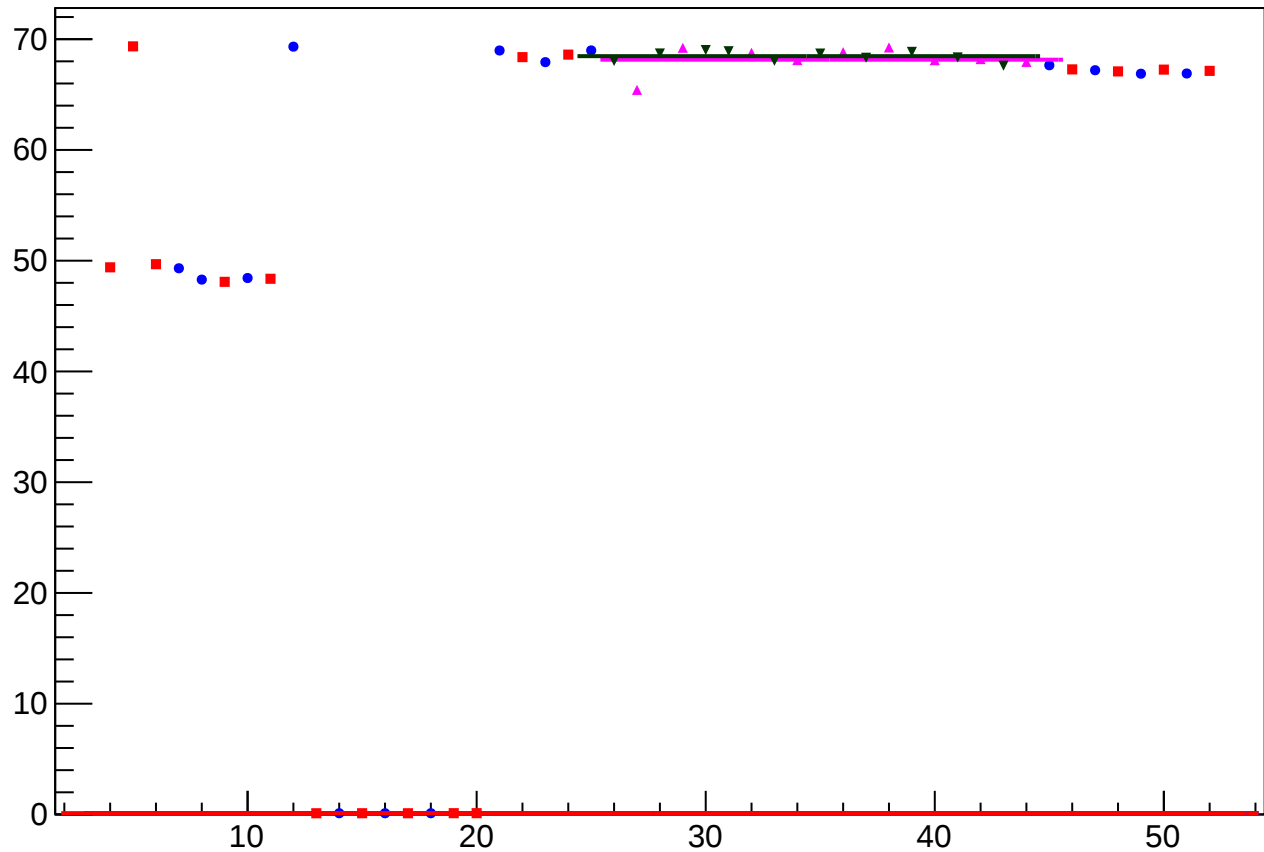
Right Out: 0.001+/-0.000 χ^2/NDF : 10697170.8/15

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

0.001+/-0.000 χ^2/NDF : 22899651.6/23

0.001+/-0.000 χ^2/NDF : 21497694.5/24

yield_bcm_an_us_mean vs slug



Right In: 0.123+/-0.000 χ^2/NDF : 797306953235.7/13

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

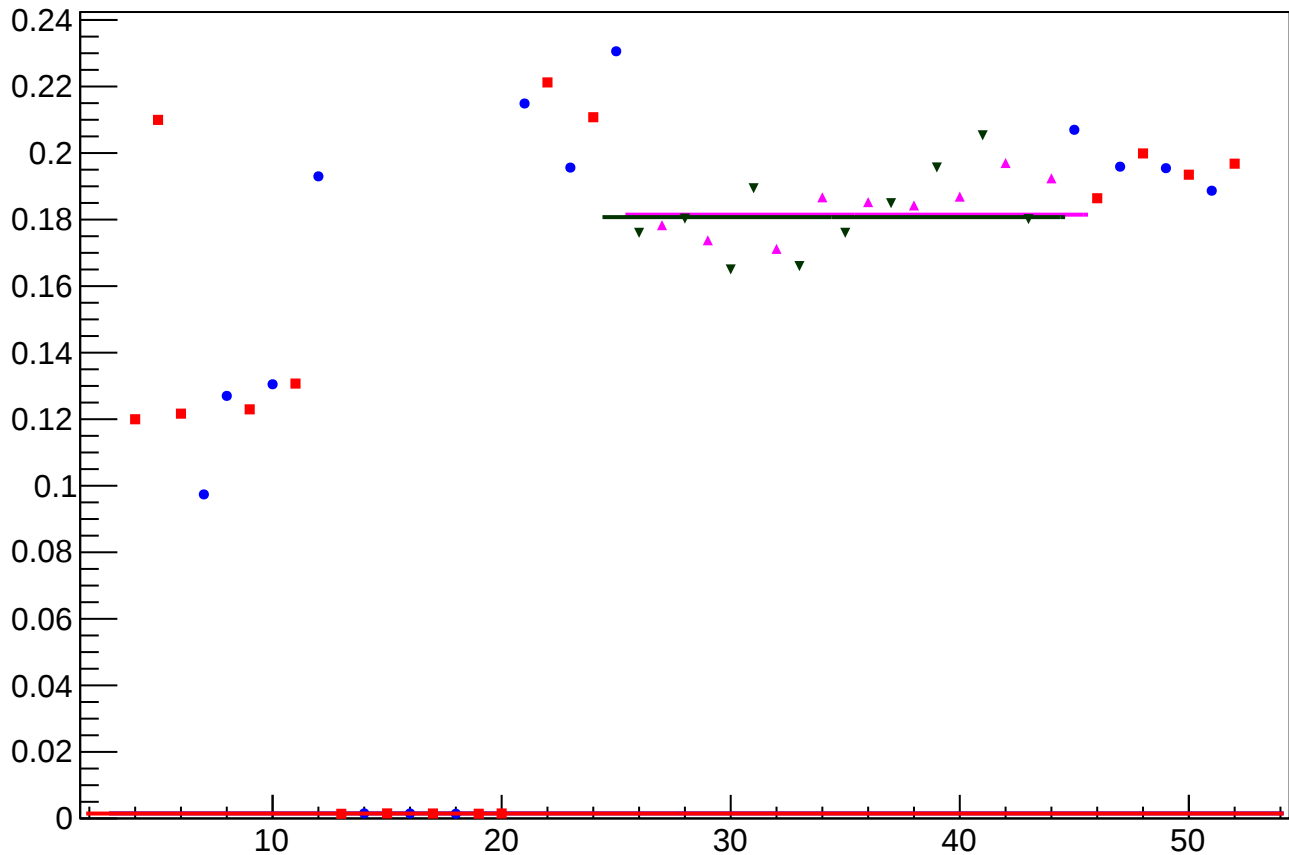
0.133+/-0.000 χ^2/NDF : 1533950147978.8/23

Right Out: 0.120+/-0.000 χ^2/NDF : 697104525639.5/15

0.128+/-0.000 χ^2/NDF : 1459031711713.6/24

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

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 12421592.6/13

Left Out: 0.181+/-0.000 χ^2/NDF :43552.7/9

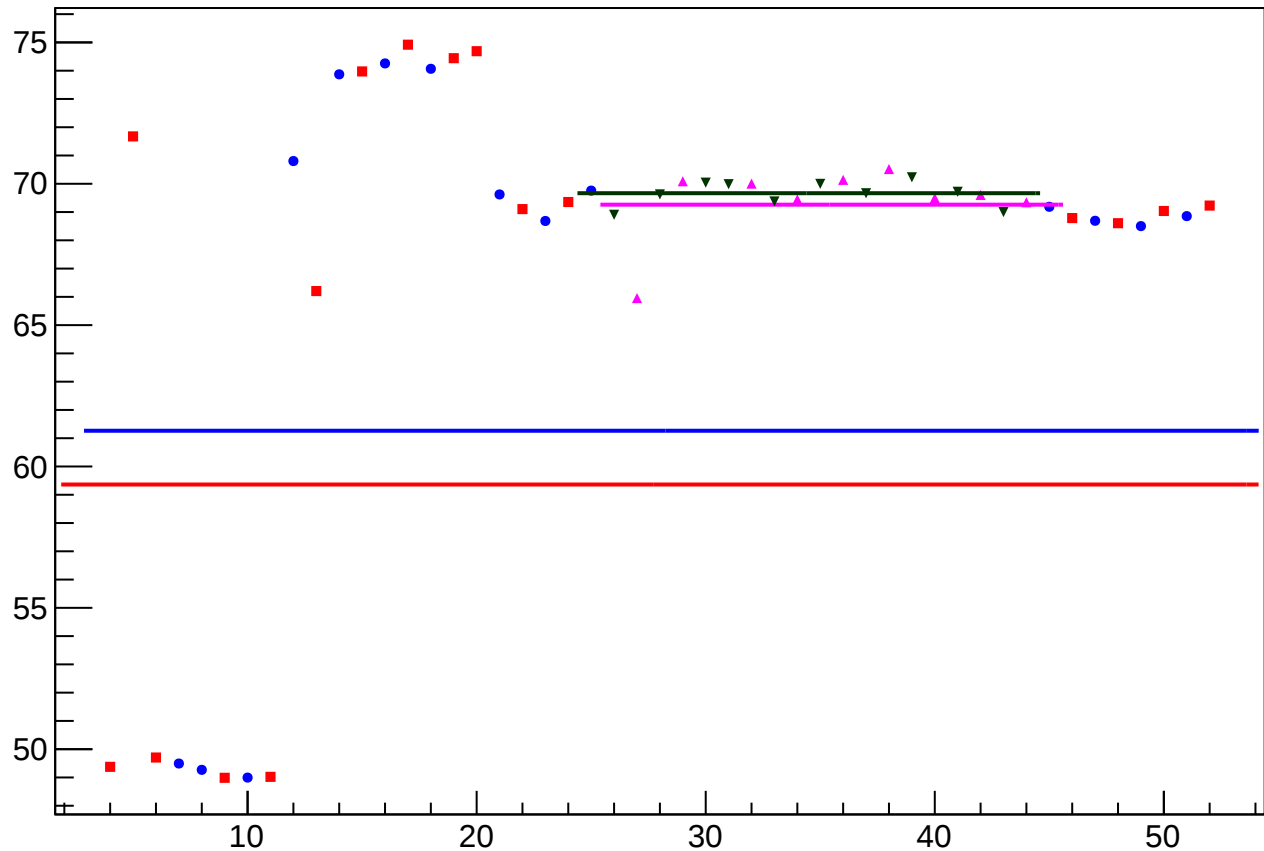
0.002+/-0.000 χ^2/NDF : 22595626.2/23

Right Out: 0.001+/-0.000 χ^2/NDF : 10565682.6/15

0.002+/-0.000 χ^2/NDF : 21252823.4/24

Left In: 0.181+/-0.000 χ^2/NDF :21535.2/8

yield_bcm_dg_us_mean vs slug



Right In: 61.264 $\pm$ 0.000 χ^2 /NDF: 30947824176.9/13

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

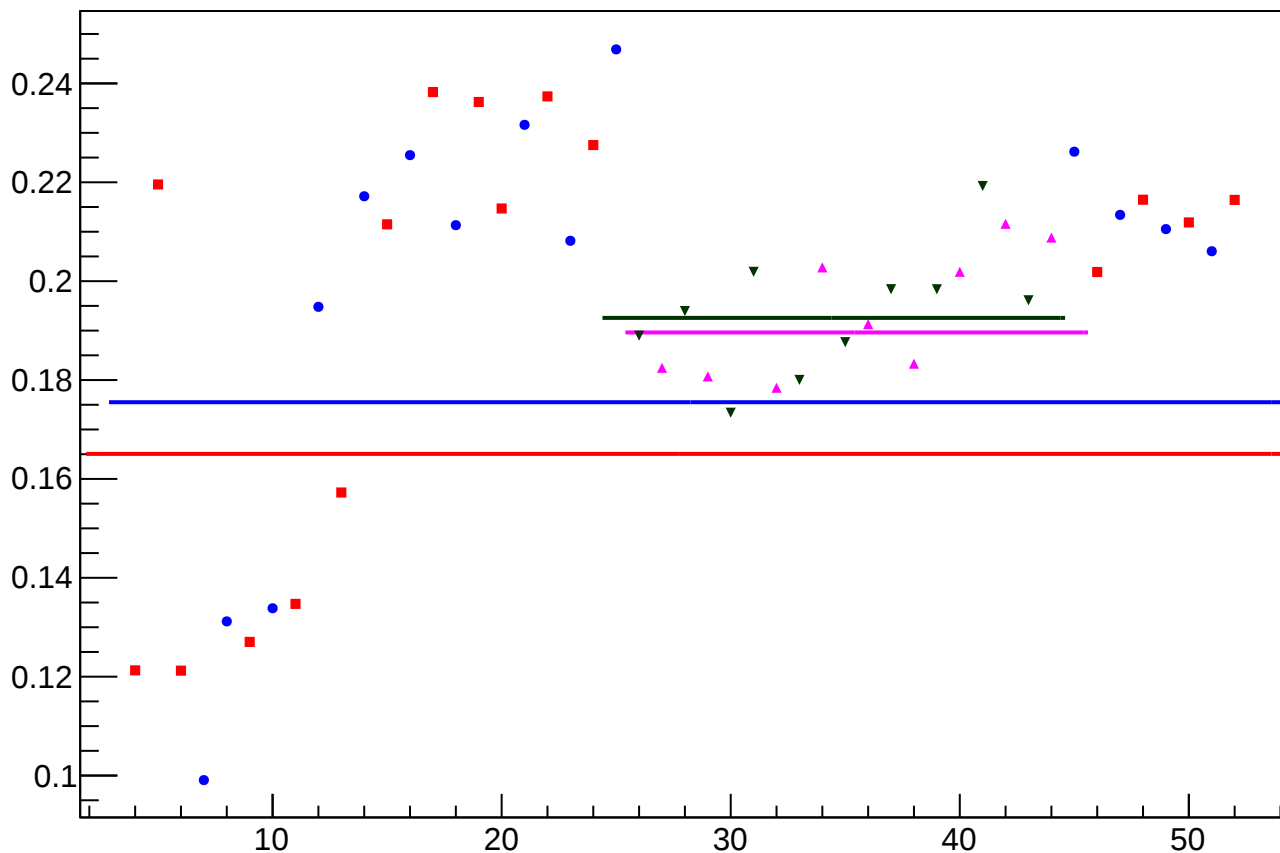
Right Out: 59.362 $\pm$ 0.000 χ^2 /NDF: 30183551829.3/15

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

64.184 $\pm$ 0.000 χ^2 /NDF: 37389658013.5/23

62.882 $\pm$ 0.000 χ^2 /NDF: 40000747888.0/24

yield_bcm_dg_us_rms vs slug



Right In: 0.176+/-0.000 χ^2/NDF : 1112969.4/13

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

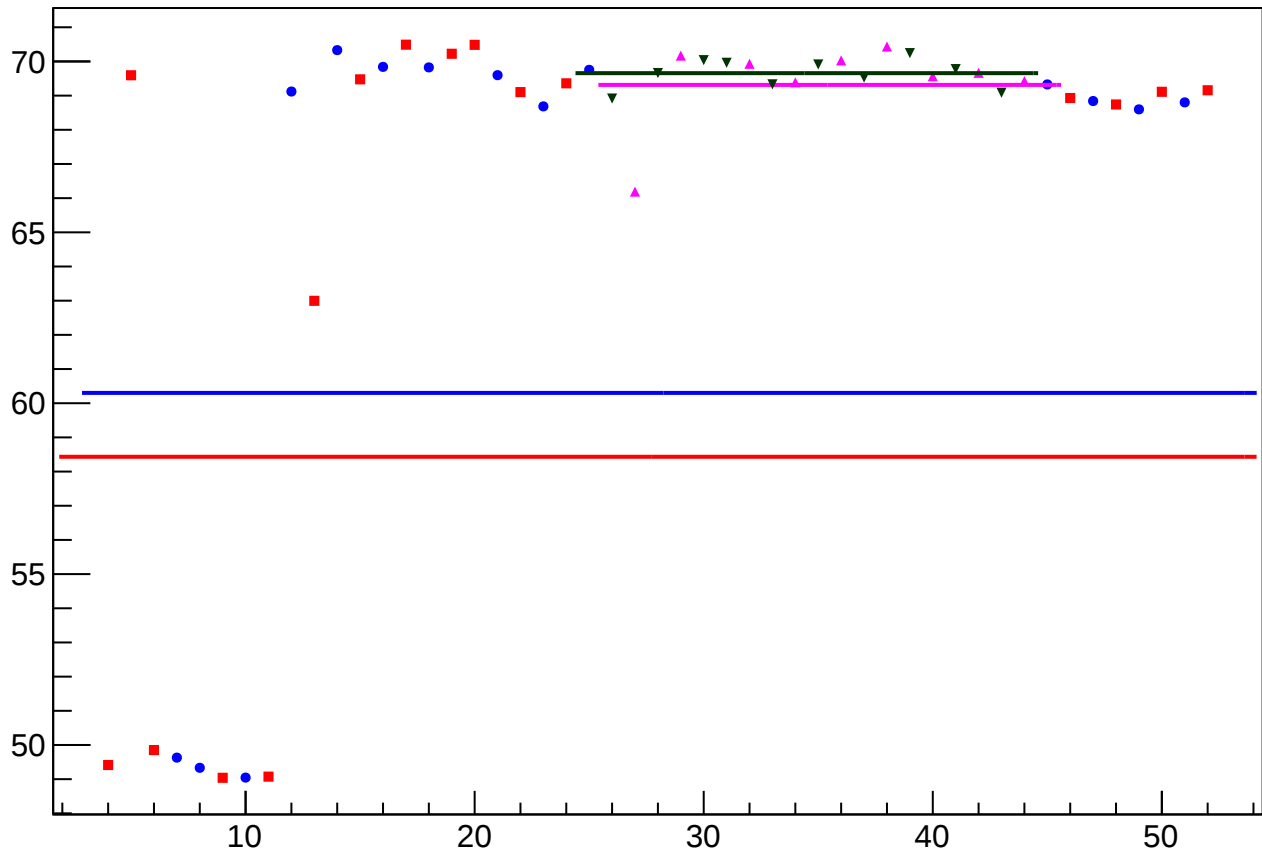
Right Out: 0.165+/-0.000 χ^2/NDF : 1059892.7/15

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

0.181+/-0.000 χ^2/NDF : 1204563.3/23

0.174+/-0.000 χ^2/NDF : 1218020.4/24

yield_bcm_dg_ds_mean vs slug



Right In: 60.302+/-0.000 χ^2/NDF : 27390233115.7/13

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

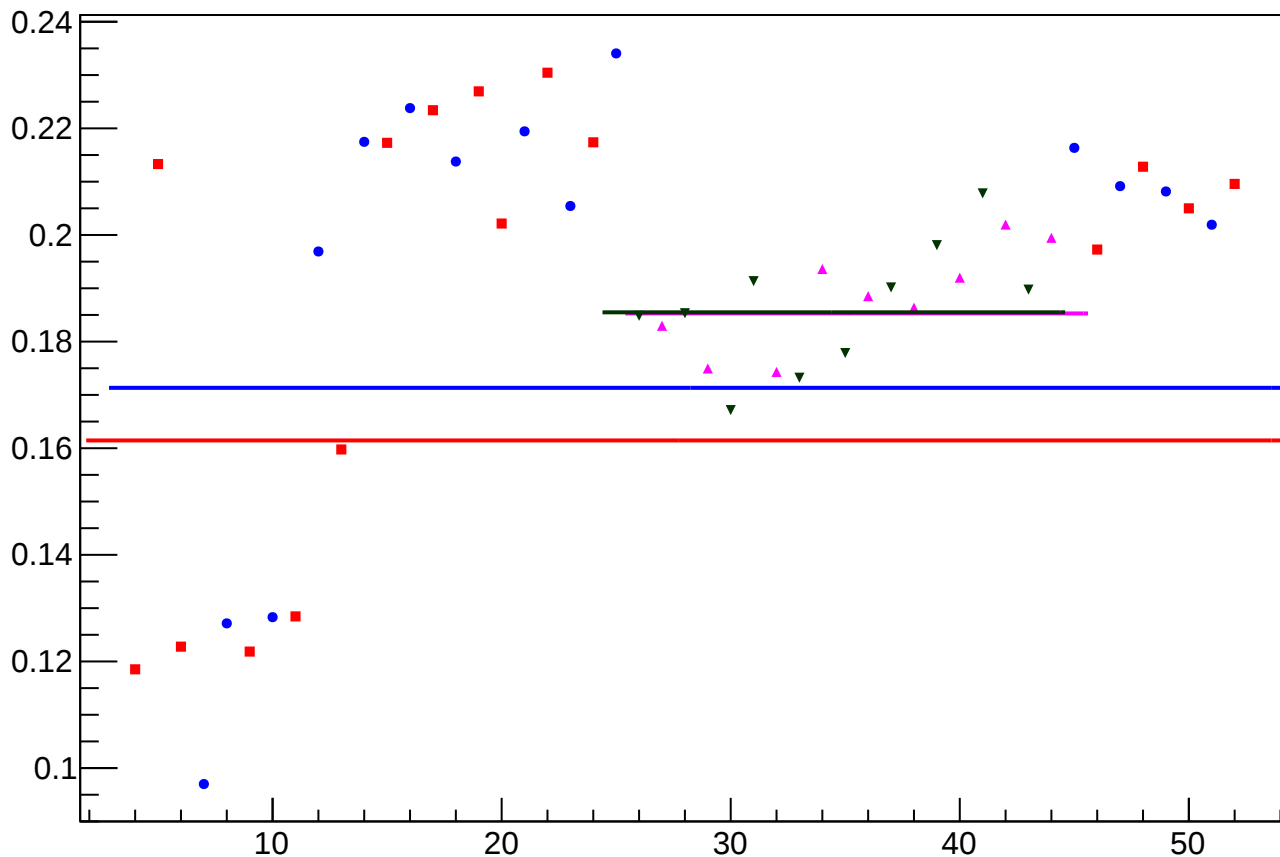
63.615+/-0.000 χ^2/NDF : 35905626028.8/23

Right Out: 58.433+/-0.000 χ^2/NDF : 26030954643.6/15

62.313+/-0.000 χ^2/NDF : 38344100981.0/24

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

yield_bcm_dg_ds_rms vs slug



Right In: 0.171 ± 0.000 χ^2/NDF : 1172778.7/13

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

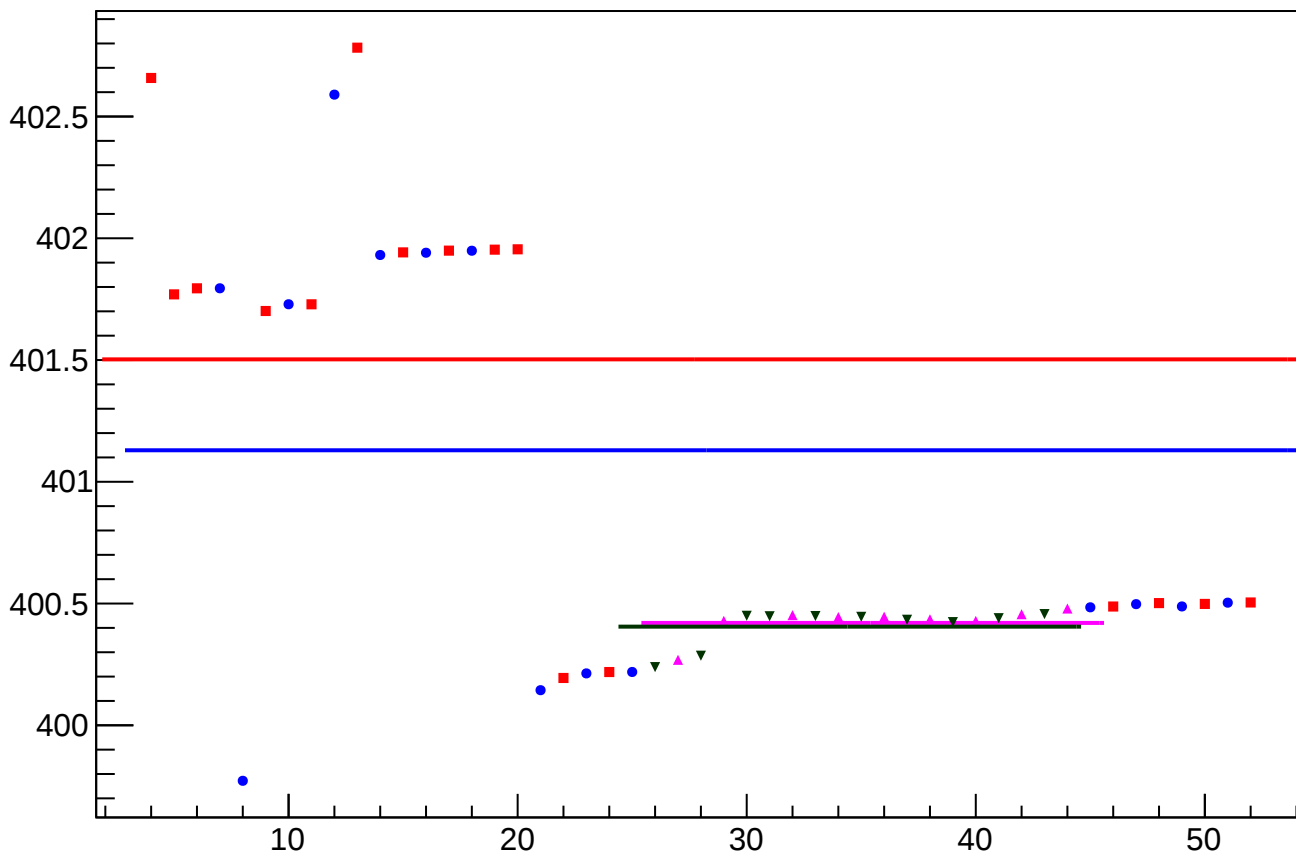
Right Out: 0.161 ± 0.000 χ^2/NDF : 1034852.3/15

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

0.176 ± 0.000 χ^2/NDF : 1250364.7/23

0.170 ± 0.000 χ^2/NDF : 1177978.1/24

yield_cav4bQ_mean vs slug



Right In: 401.129+/-0.000 χ^2/NDF : 154327834206.8/13

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

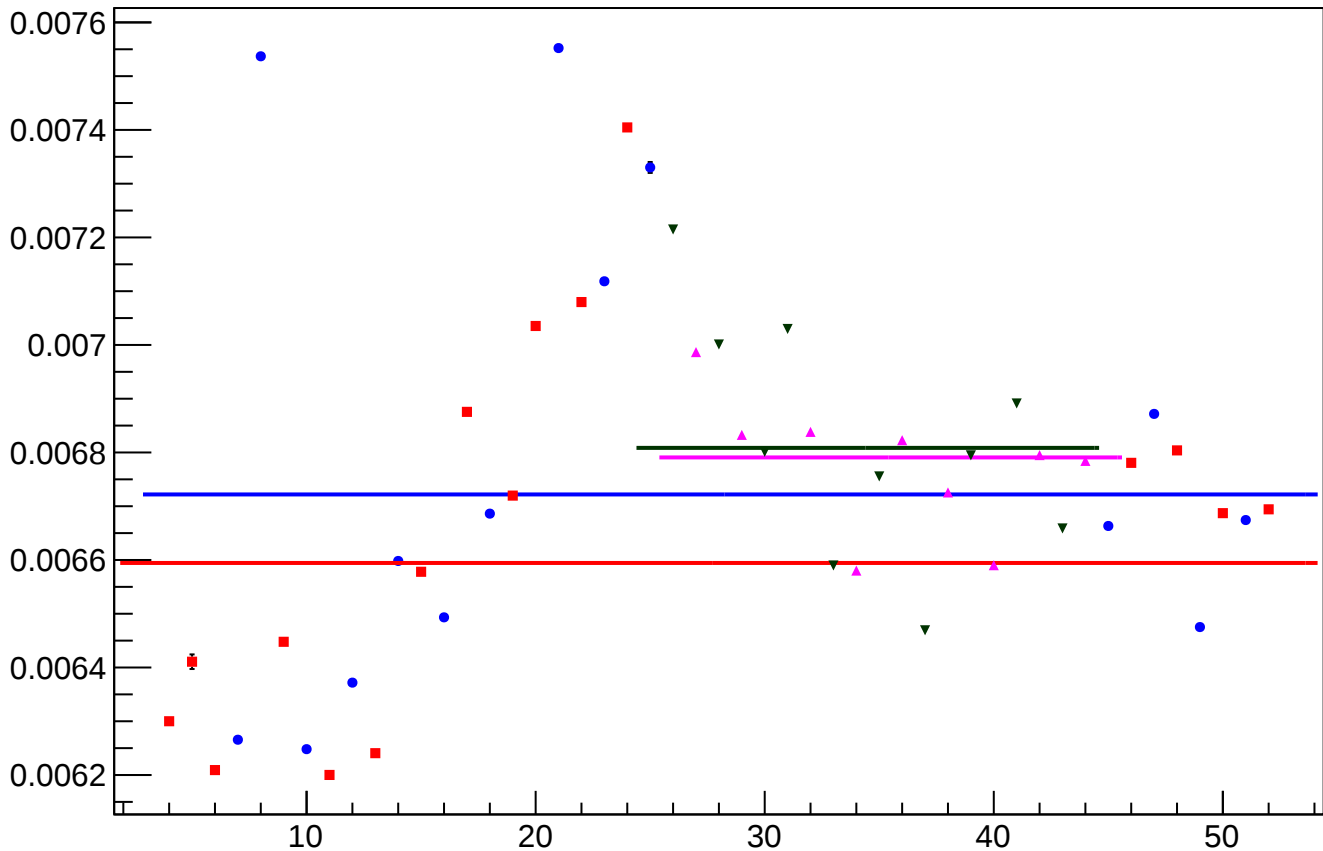
Right Out: 401.503+/-0.000 χ^2/NDF : 144316471816.2/15

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

400.861+/-0.000 χ^2/NDF : 193232896863.9/23

401.084+/-0.000 χ^2/NDF : 232638674225.6/24

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 66488.5/13

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

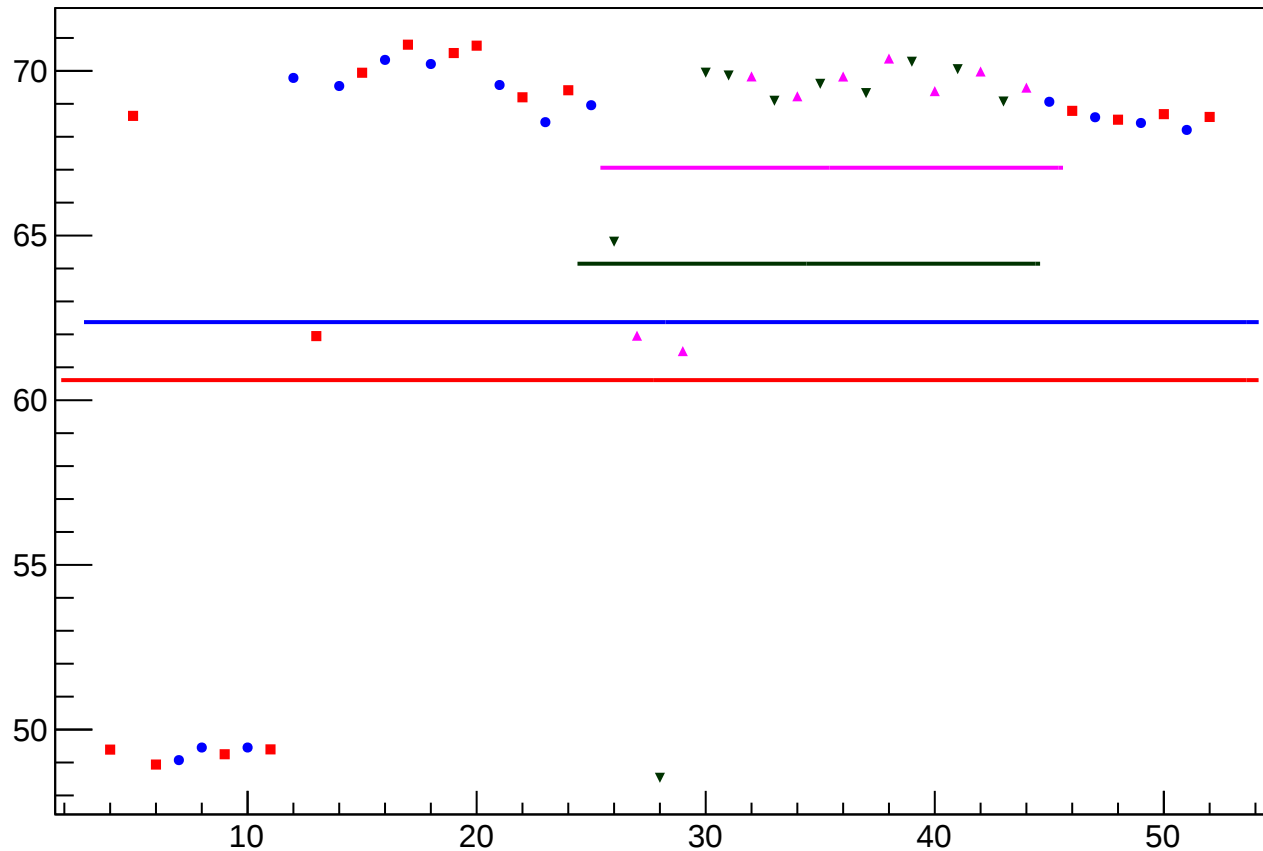
Right Out: 0.007+/-0.000 χ^2/NDF : 44784.7/15

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

0.007+/-0.000 χ^2/NDF : 77367.2/23

0.007+/-0.000 χ^2/NDF : 54106.6/24

yield_cav4cQ_mean vs slug



Right In: 62.372 ± 0.000 χ^2/NDF : 16023379930.2/13

Left Out: 64.145 ± 0.000 χ^2/NDF : 8533420736.0/9

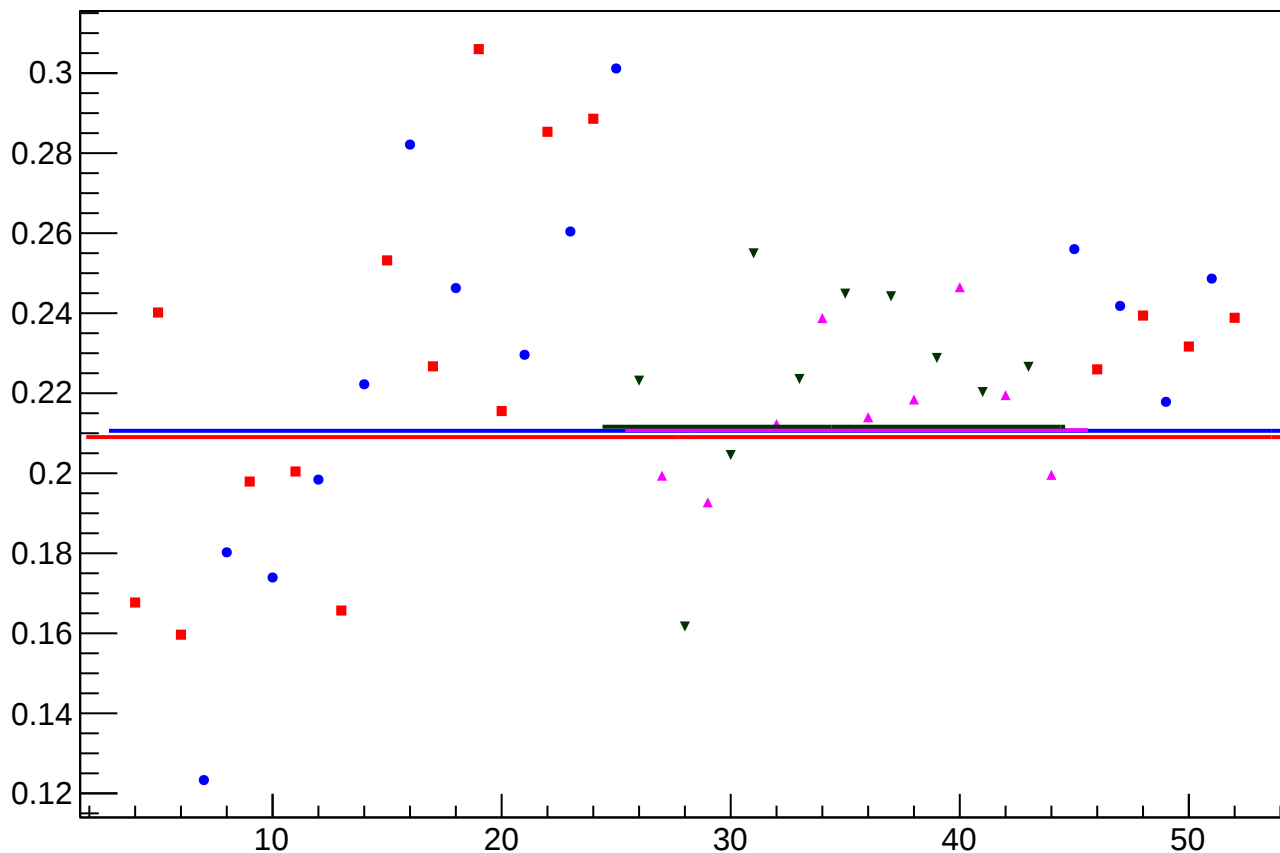
Right Out: 60.611 ± 0.000 χ^2/NDF : 14222826732.8/15

Left In: 67.060 ± 0.000 χ^2/NDF : 1652898078.7/8

63.035 ± 0.000 χ^2/NDF : 24766627769.3/23

63.254 ± 0.000 χ^2/NDF : 18674147719.2/24

yield_cav4cQ_rms vs slug



Right In: 0.211+/-0.000 χ^2/NDF : 599163.6/13

Left Out: 0.212+/-0.000 χ^2/NDF : 201414.9/9

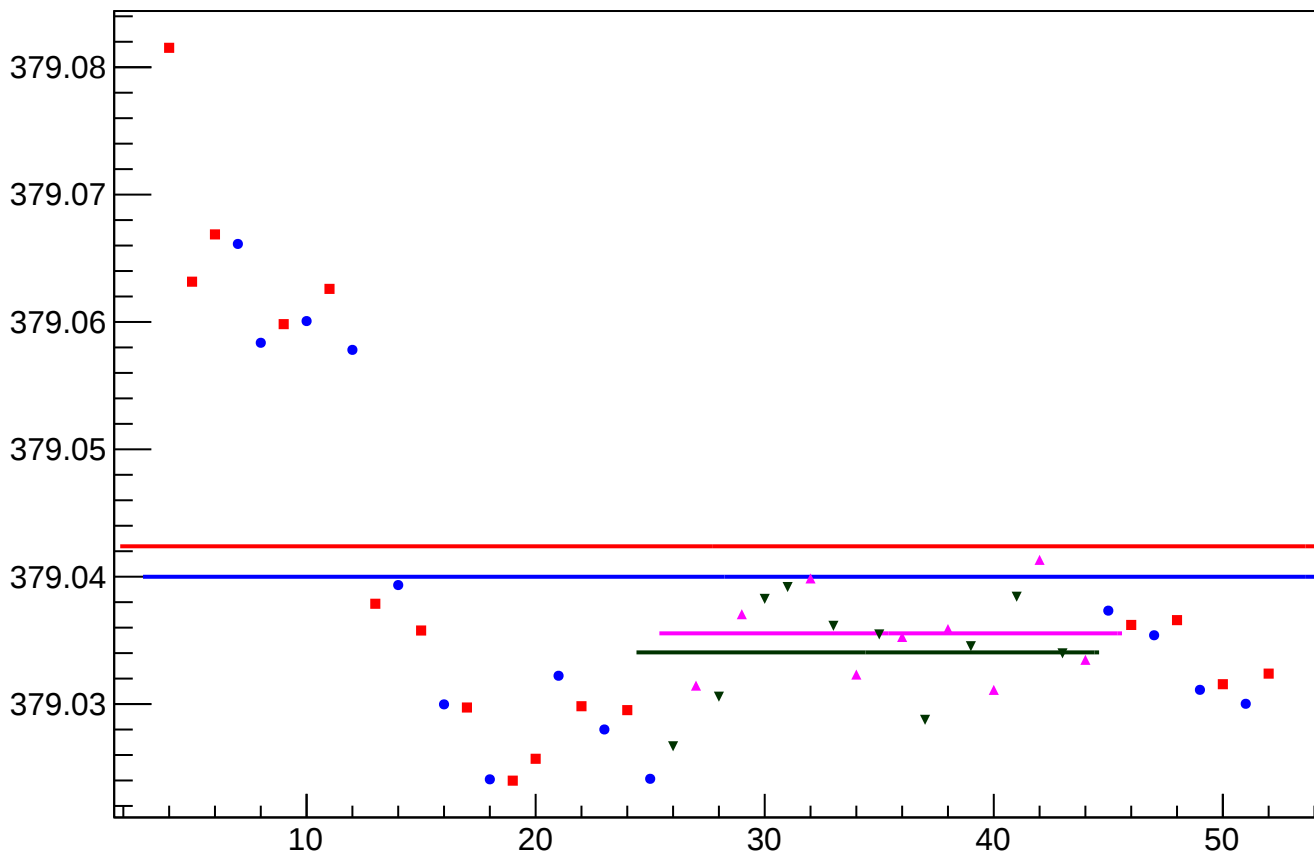
Right Out: 0.209+/-0.000 χ^2/NDF : 533143.1/15

Left In: 0.211+/-0.000 χ^2/NDF : 54593.1/8

0.211+/-0.000 χ^2/NDF : 800716.3/23

0.210+/-0.000 χ^2/NDF : 588139.8/24

yield_cav4dQ_mean vs slug



Right In: 379.040+/-0.000 χ^2/NDF : 31916404.5/13

Left Out: 379.034+/-0.000 χ^2/NDF :1785889.4/9

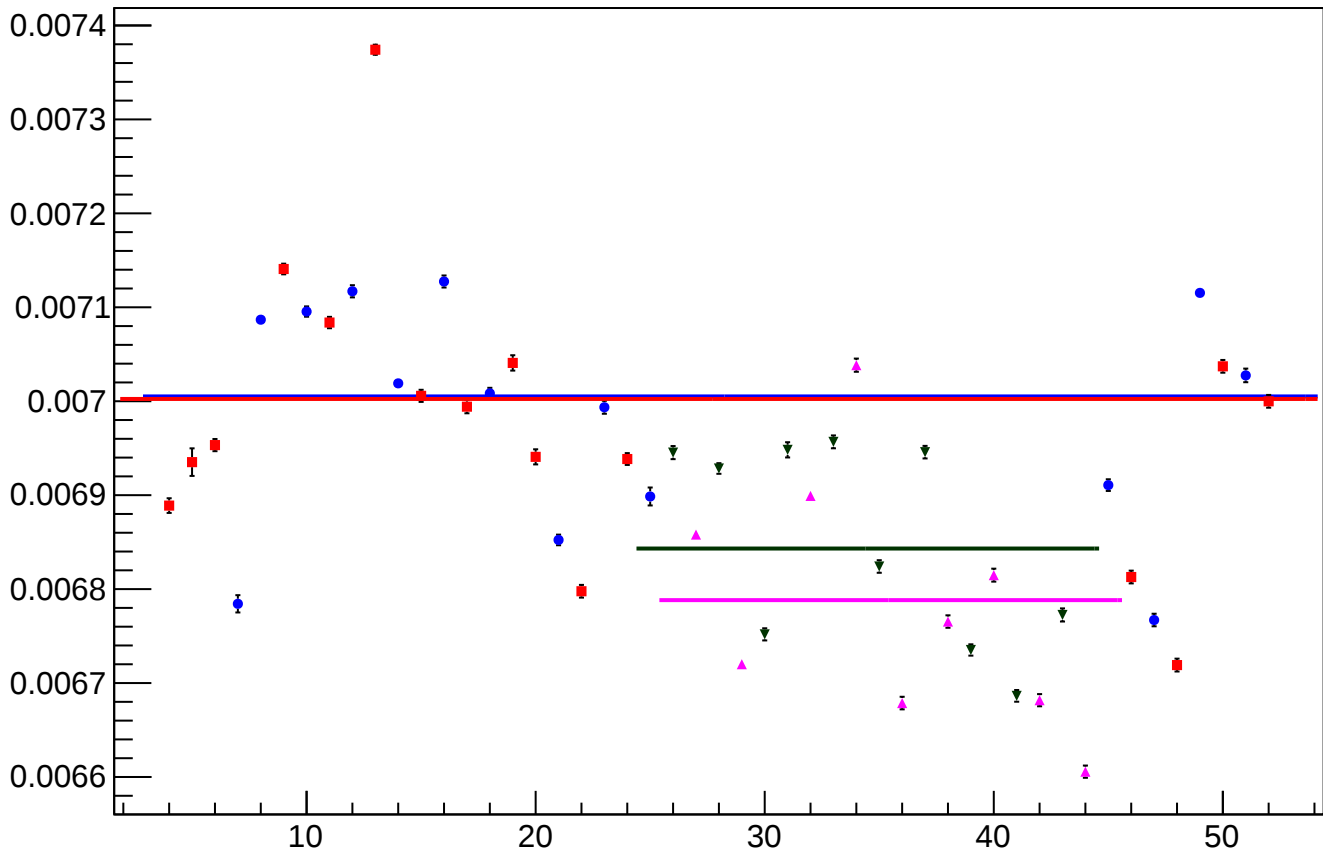
Right Out: 379.042+/-0.000 χ^2/NDF : 45015338.9/15

Left In: 379.036+/-0.000 χ^2/NDF :1460266.1/8

379.038+/-0.000 χ^2/NDF : 36191787.5/23

379.040+/-0.000 χ^2/NDF : 49823793.2/24

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 4534.8/13

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

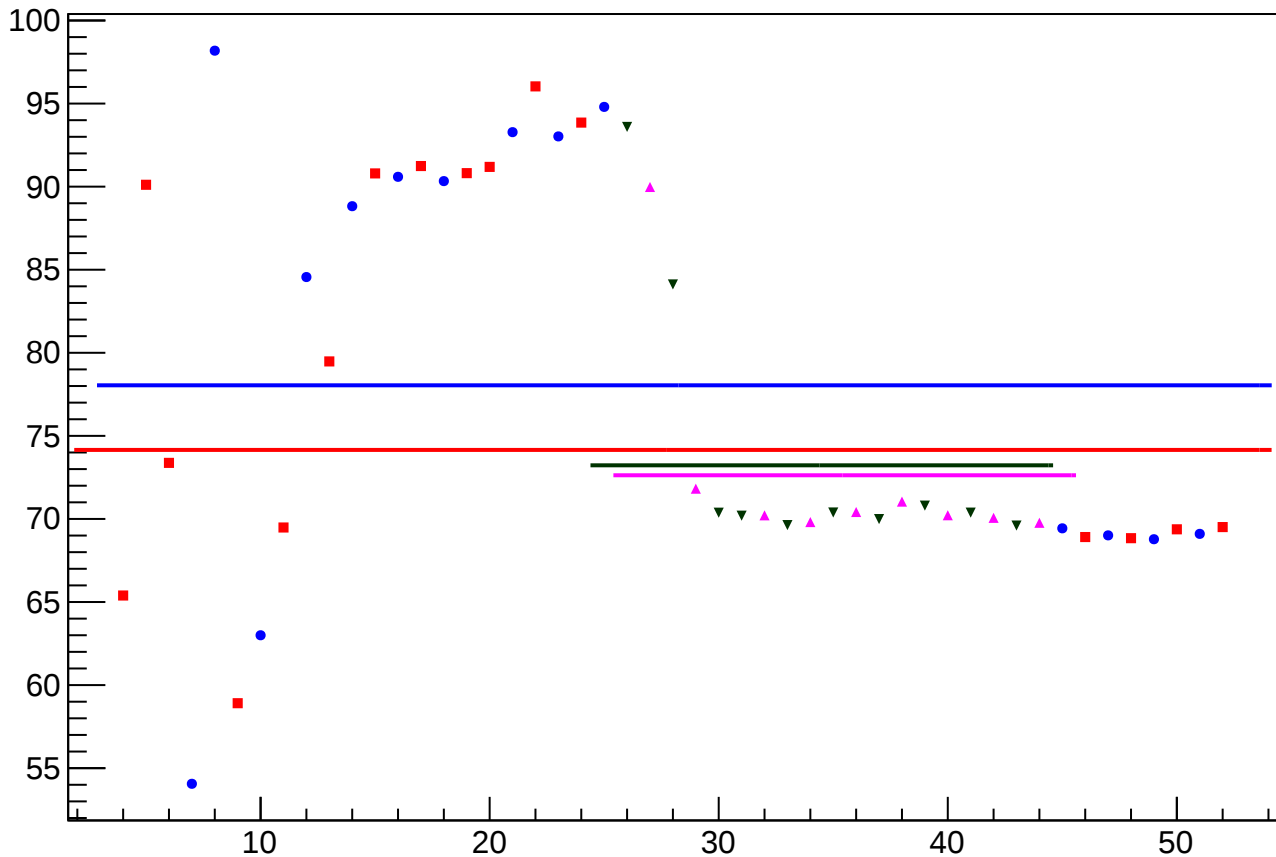
Right Out: 0.007+/-0.000 χ^2/NDF : 9440.5/15

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

0.007+/-0.000 χ^2/NDF : 10616.7/23

0.007+/-0.000 χ^2/NDF : 19444.1/24

yield_bcm0l02_mean vs slug



Right In: 78.043+/-0.000 χ^2/NDF : 19096535866.1/13

Left Out: 73.228+/-0.000 χ^2/NDF : 3731942896.0/9

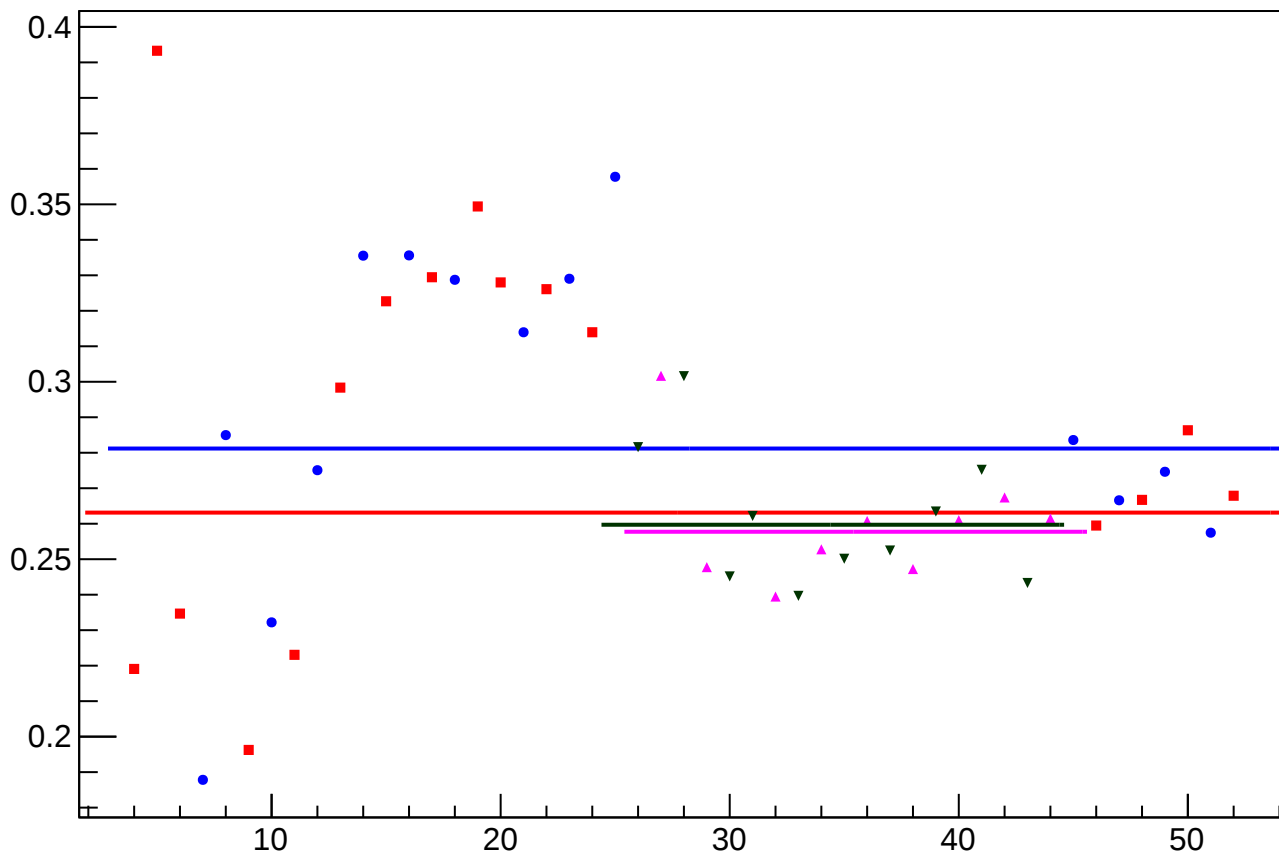
Right Out: 74.154+/-0.000 χ^2/NDF : 14378905350.2/15

Left In: 72.628+/-0.000 χ^2/NDF : 2928852368.6/8

76.023+/-0.000 χ^2/NDF : 23813048152.4/23

73.502+/-0.000 χ^2/NDF : 17413041038.2/24

yield_bcm0l02_rms vs slug



Right In: 0.281 ± 0.000 χ^2/NDF : 358832.2/13

Left Out: 0.260 ± 0.000 χ^2/NDF : 47918.7/9

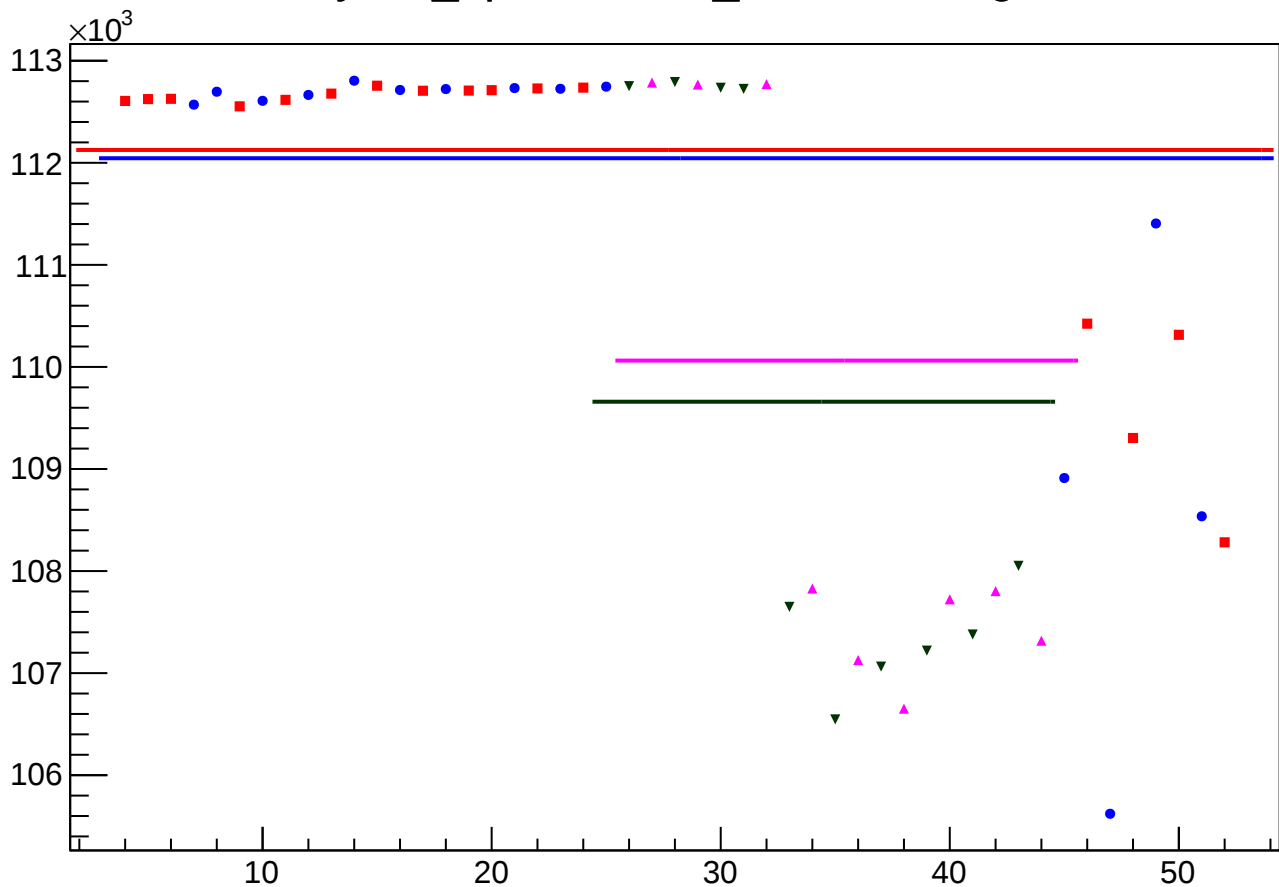
Right Out: 0.263 ± 0.000 χ^2/NDF : 489767.4/15

Left In: 0.258 ± 0.000 χ^2/NDF : 49167.8/8

0.272 ± 0.000 χ^2/NDF : 445911.2/23

0.261 ± 0.000 χ^2/NDF : 541570.3/24

yield_bpm2i01WS_mean vs slug



Right In: 112044.714 $\pm$ 0.038 χ^2 /NDF: 1845415121.2/13

Left Out: 109659.144 $\pm$ 0.053 χ^2 /NDF: 2686861752.7/9

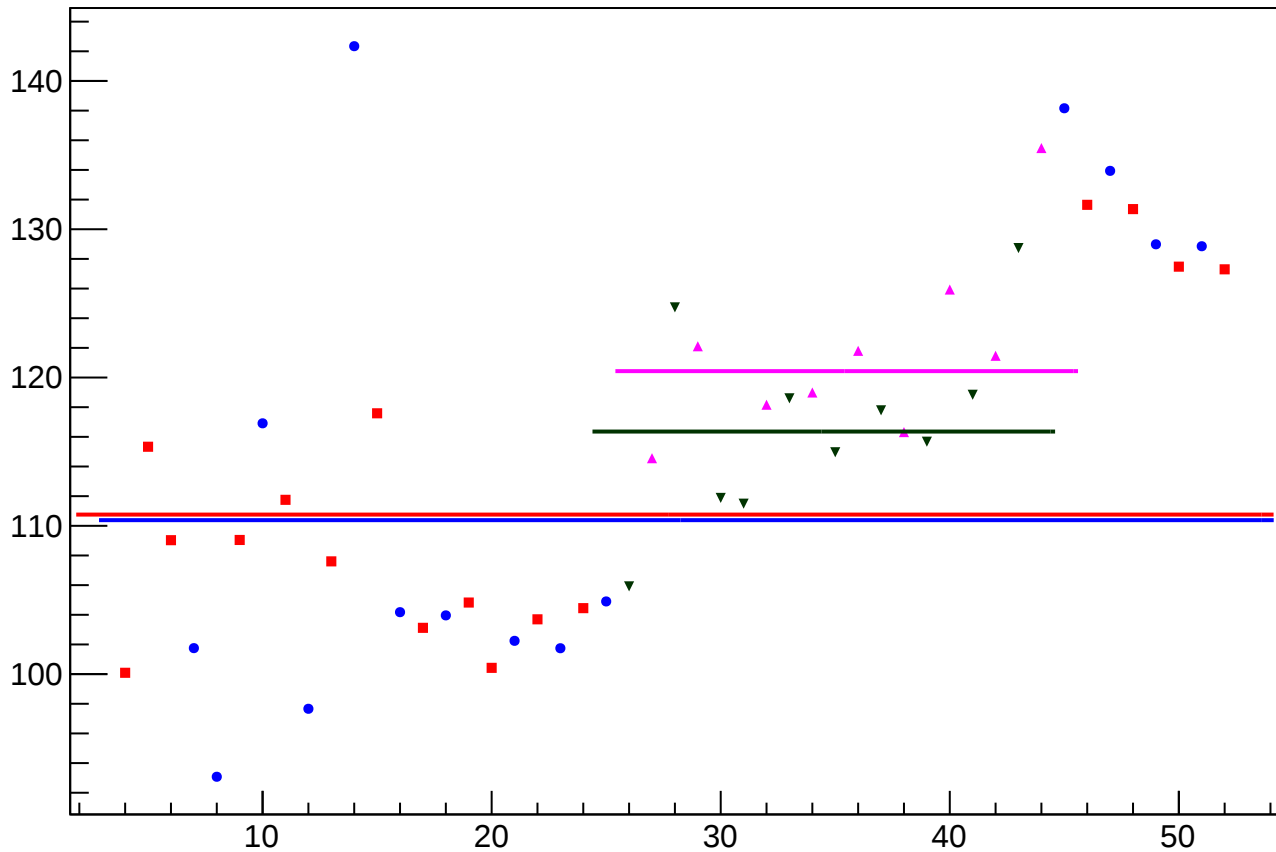
Right Out: 112125.853 $\pm$ 0.040 χ^2 /NDF: 1012668905.8/15

Left In: 110062.356 $\pm$ 0.053 χ^2 /NDF: 2589754971.8/8

111223.971 $\pm$ 0.031 χ^2 /NDF: 5870032825.2/23

111392.677 $\pm$ 0.032 χ^2 /NDF: 4569914713.0/24

yield_bpm2i01WS_rms vs slug



Right In: 110.382 $\pm$ 0.027 χ^2 /NDF: 335808.5/13

Left Out: 116.357 $\pm$ 0.037 χ^2 /NDF:26817.0/9

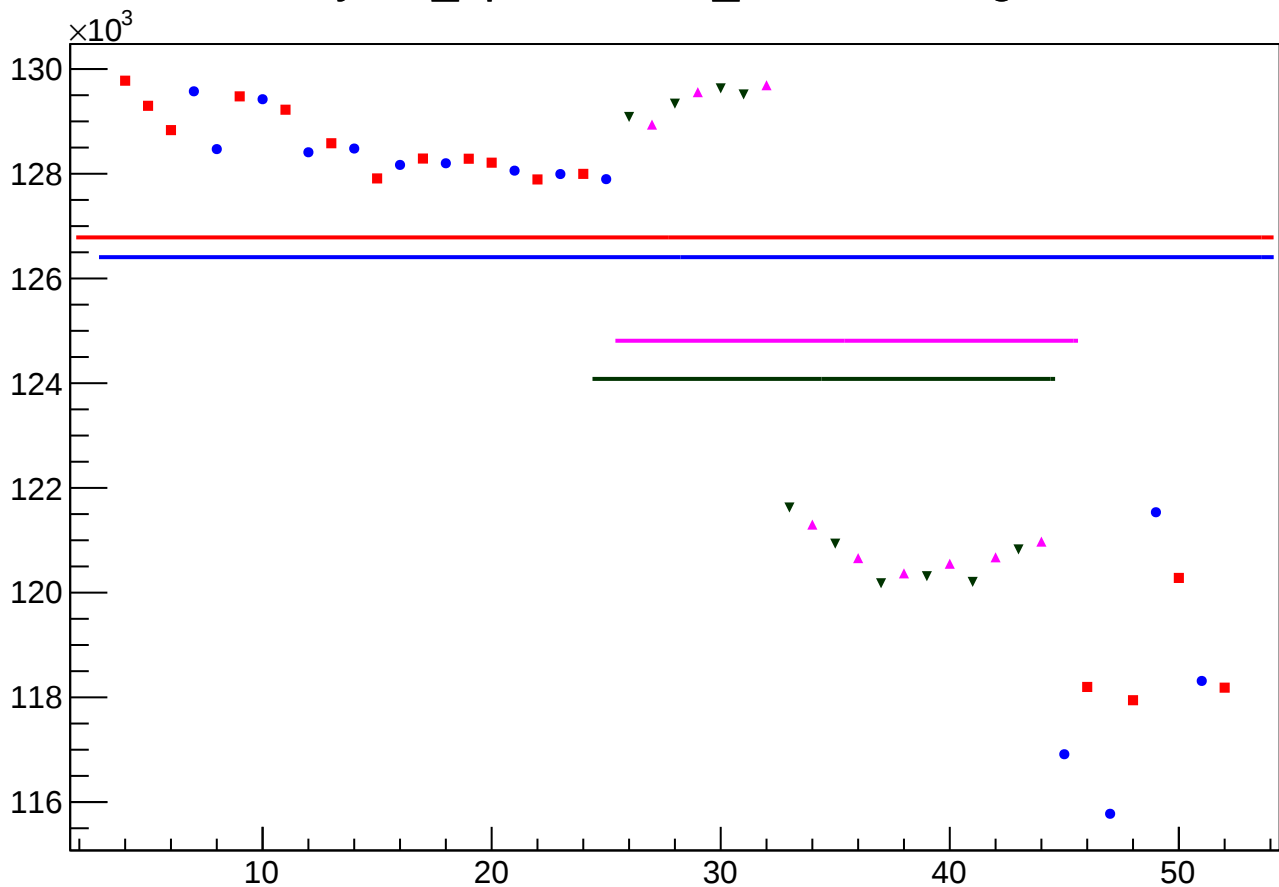
Right Out: 110.758 $\pm$ 0.028 χ^2 /NDF: 112101.9/15

Left In: 120.432 $\pm$ 0.038 χ^2 /NDF:18918.6/8

112.438 $\pm$ 0.022 χ^2 /NDF: 379410.4/23

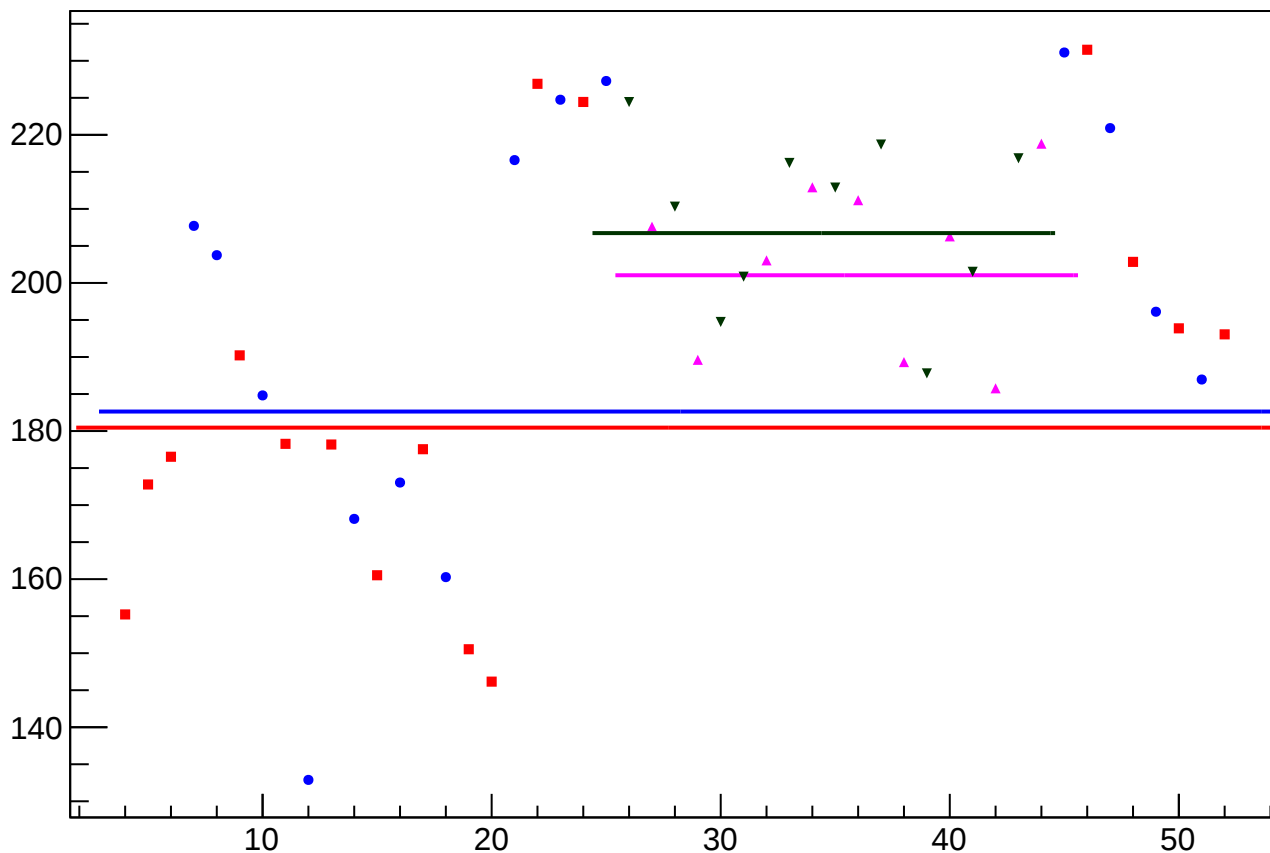
114.195 $\pm$ 0.022 χ^2 /NDF: 173547.6/24

yield_bpm0i07WS_mean vs slug



Right In: 126407.081 $\pm$ 0.063	χ^2 /NDF: 4245142141.4/13	125647.794 $\pm$ 0.051	χ^2 /NDF: 6986623558.8/23
Left Out: 124081.986 $\pm$ 0.090	χ^2 /NDF: 2292578151.5/9		
Right Out: 126784.423 $\pm$ 0.064	χ^2 /NDF: 3724369715.8/15	126069.971 $\pm$ 0.051	χ^2 /NDF: 6675936082.2/24
Left In: 124810.637 $\pm$ 0.085	χ^2 /NDF: 2608172131.0/8		

yield_bpm0i07WS_rms vs slug



Right In: 182.634 ± 0.044 χ^2/NDF : 414261.2/13

Left Out: 206.733 ± 0.064 χ^2/NDF : 32612.0/9

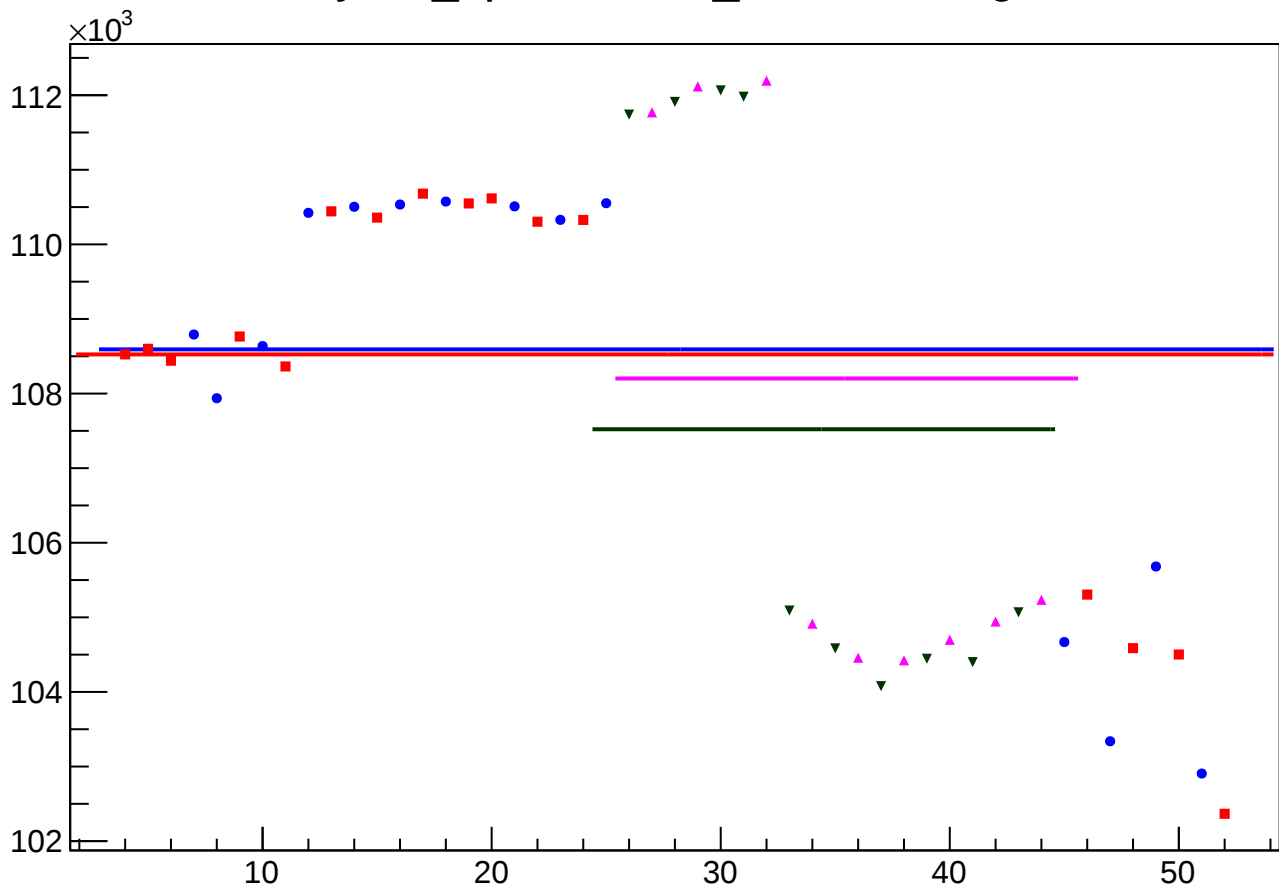
Right Out: 180.460 ± 0.045 χ^2/NDF : 251093.2/15

Left In: 201.040 ± 0.060 χ^2/NDF : 31613.0/8

190.504 ± 0.036 χ^2/NDF : 543323.1/23

187.909 ± 0.036 χ^2/NDF : 357367.7/24

yield_bpm0l01WS_mean vs slug



Right In: 108592.365 $\pm$ 0.041 χ^2 /NDF: 3643239306.5/13

Left Out: 107521.561 $\pm$ 0.049 χ^2 /NDF: 5321162353.6/9

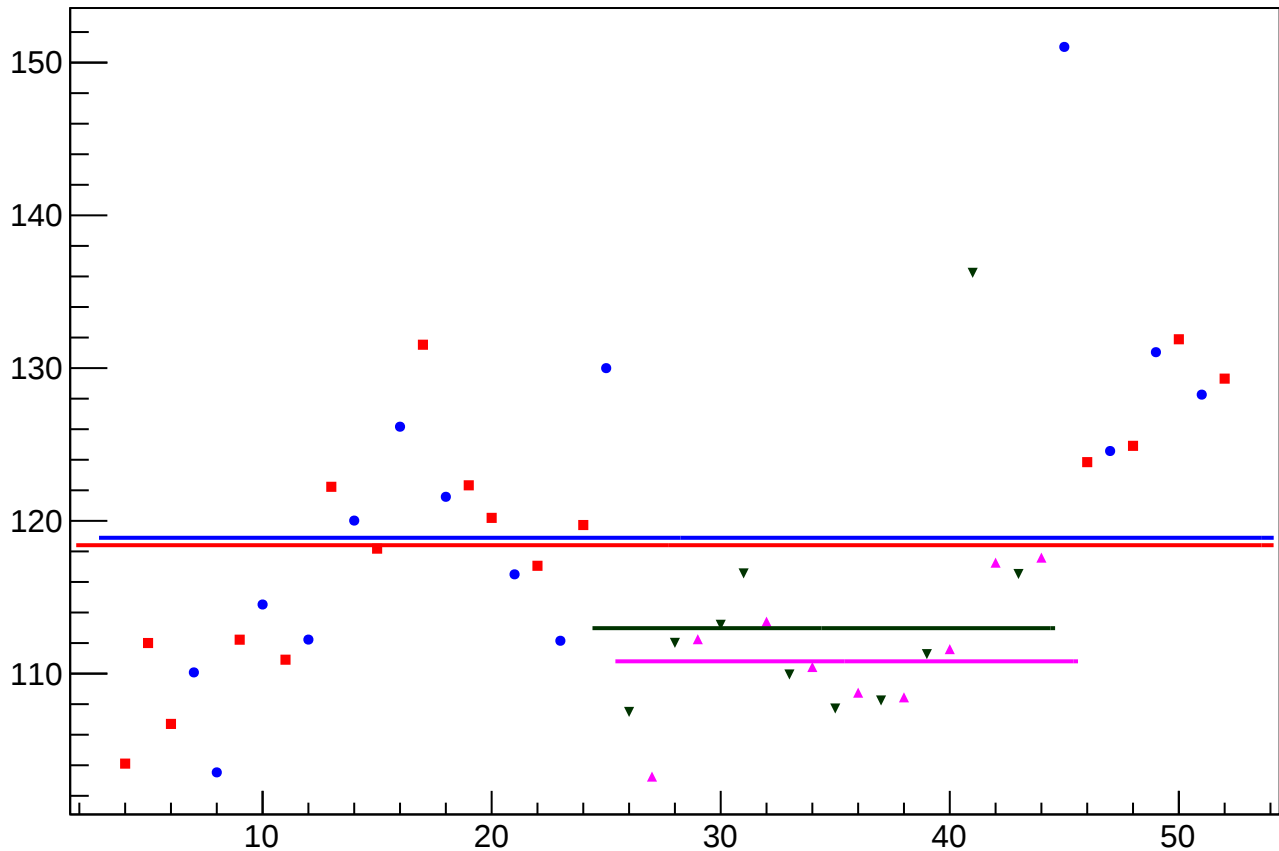
Right Out: 108524.740 $\pm$ 0.042 χ^2 /NDF: 3322744802.9/15

Left In: 108201.722 $\pm$ 0.047 χ^2 /NDF: 5984849706.8/8

108161.443 $\pm$ 0.031 χ^2 /NDF: 9245346946.8/23

108381.442 $\pm$ 0.031 χ^2 /NDF: 9333975943.3/24

yield_bpm0l01WS_rms vs slug



Right In: 118.892+/-0.029 χ^2/NDF : 131320.1/13

Left Out: 112.975+/-0.035 χ^2/NDF : 42849.8/9

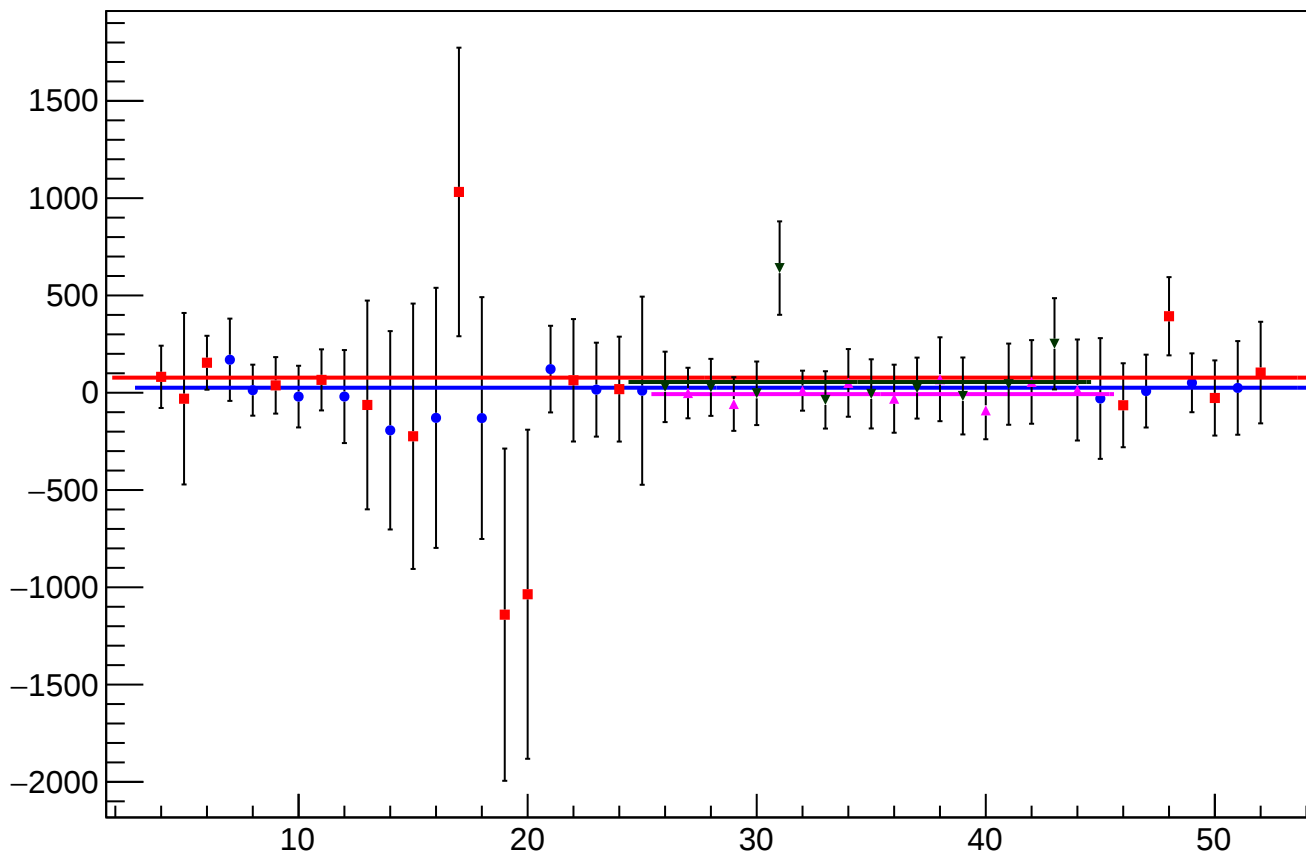
116.511+/-0.022 χ^2/NDF : 191324.9/23

Right Out: 118.406+/-0.030 χ^2/NDF : 70915.1/15

115.034+/-0.022 χ^2/NDF : 117679.1/24

Left In: 110.804+/-0.033 χ^2/NDF : 17542.1/8

asym_bcm_an_ds_mean vs slug



Right In: 25.762+/-58.920 χ^2/NDF : 1.1/13

Left Out: 55.055+/-56.152 χ^2/NDF : 7.5/9

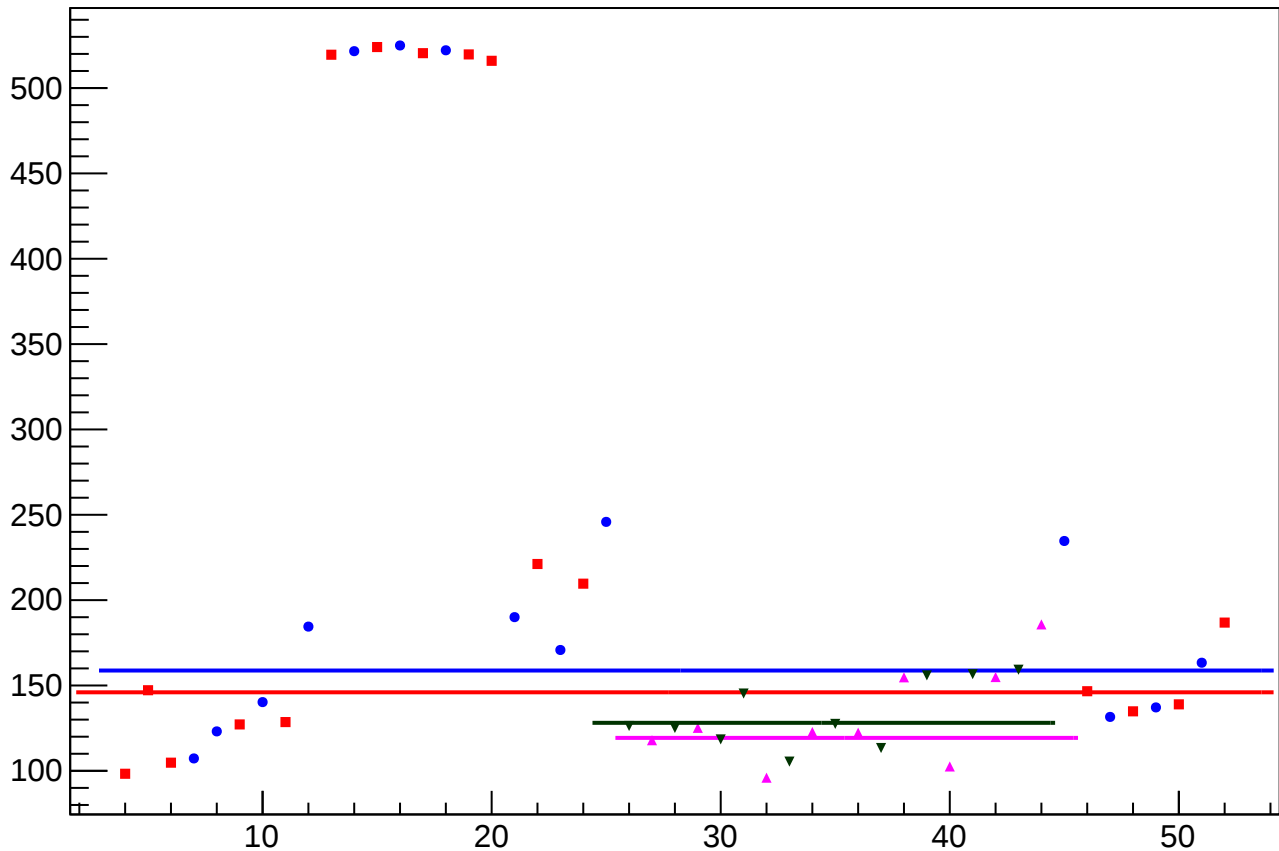
Right Out: 77.624+/-57.161 χ^2/NDF : 9.4/15

Left In: -7.075+/-51.612 χ^2/NDF : 0.8/8

41.113+/-40.649 χ^2/NDF : 8.8/23

30.964+/-38.307 χ^2/NDF : 11.4/24

asym_bcm_an_ds_rms vs slug



Right In: 158.766+/-0.042 χ^2/NDF : 2927091.7/13

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

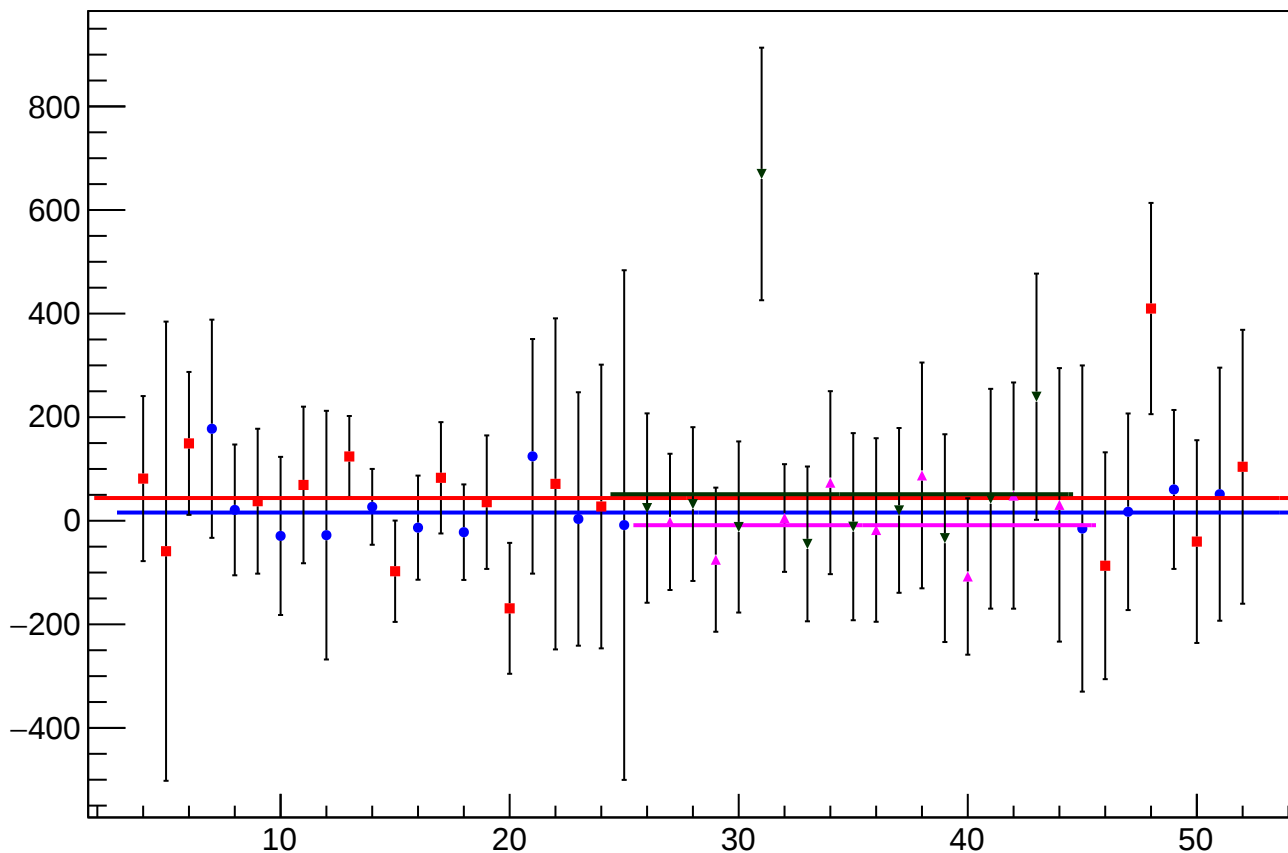
142.709+/-0.029 χ^2/NDF : 3406320.9/23

Right Out: 146.000+/-0.040 χ^2/NDF : 3556372.0/15

131.294+/-0.027 χ^2/NDF : 4170430.8/24

Left In: 119.305+/-0.036 χ^2/NDF :373767.5/8

asym_bcm_an_ds3_mean vs slug



Right In: 15.863 $\pm$ 38.181 χ^2 /NDF: 1.3/13

Left Out: 51.240 $\pm$ 56.939 χ^2 /NDF:8.0/9

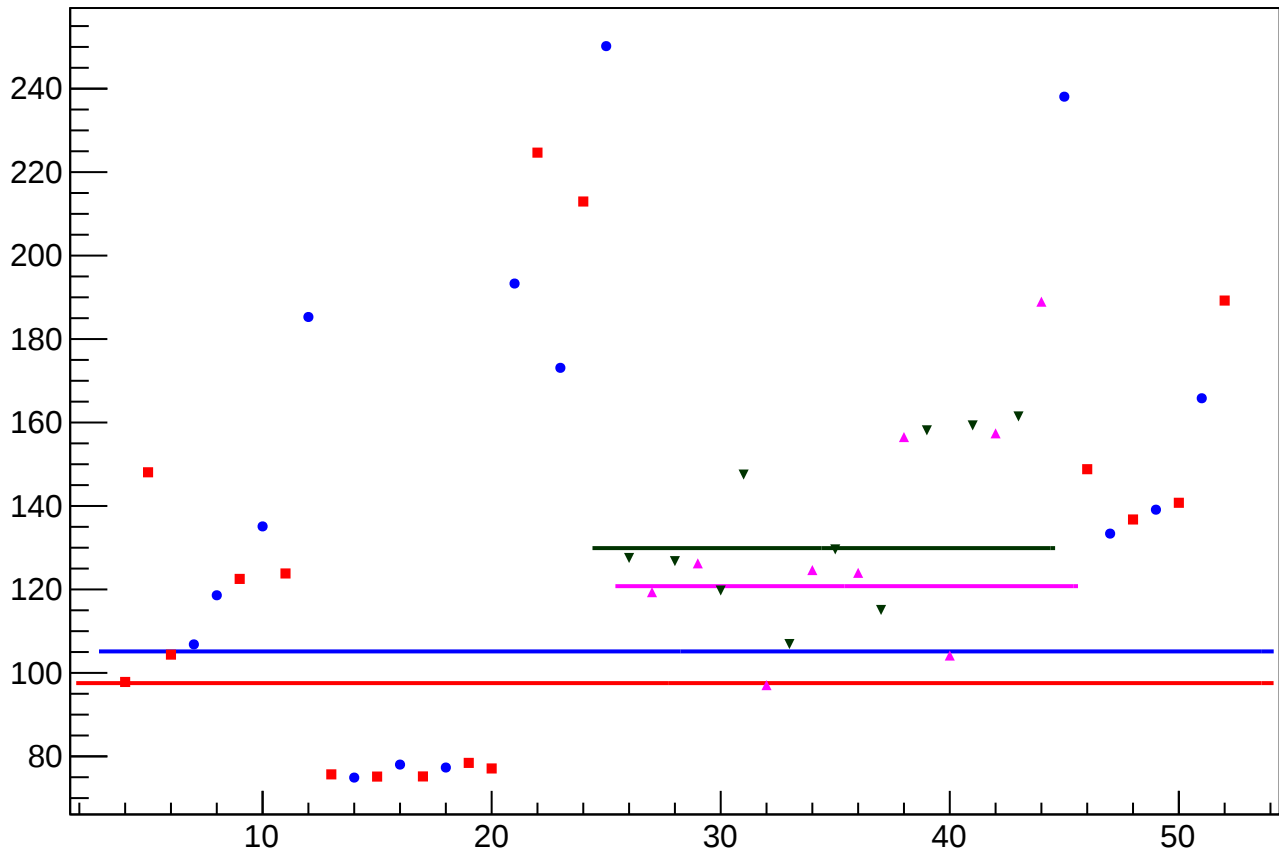
Right Out: 43.877 $\pm$ 35.857 χ^2 /NDF: 10.7/15

Left In: -8.590 $\pm$ 52.268 χ^2 /NDF:1.2/8

26.836 $\pm$ 31.712 χ^2 /NDF: 9.6/23

27.086 $\pm$ 29.568 χ^2 /NDF: 12.5/24

asym_bcm_an_ds3_rms vs slug



Right In: 105.148 ± 0.027 χ^2/NDF : 2244297.9/13

Left Out: 129.904 ± 0.040 χ^2/NDF : 197170.8/9

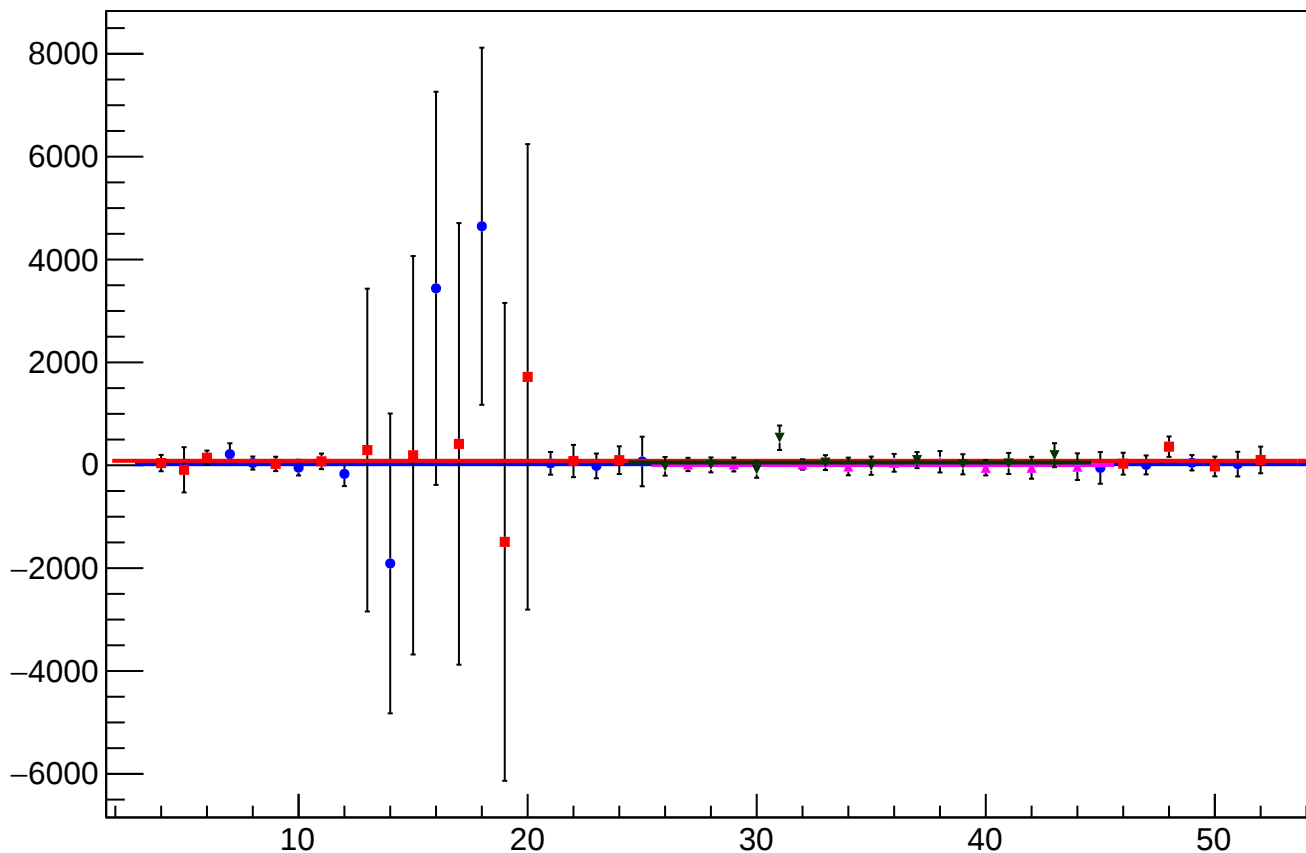
112.827 ± 0.022 χ^2/NDF : 2702249.3/23

Right Out: 97.553 ± 0.025 χ^2/NDF : 1792097.1/15

104.988 ± 0.021 χ^2/NDF : 2437295.6/24

Left In: 120.786 ± 0.037 χ^2/NDF : 376487.8/8

asym_bcm_an_us_mean vs slug



Right In: 21.357+/-58.746 χ^2/NDF : 4.9/13

Left Out: 53.832+/-55.648 χ^2/NDF : 5.7/9

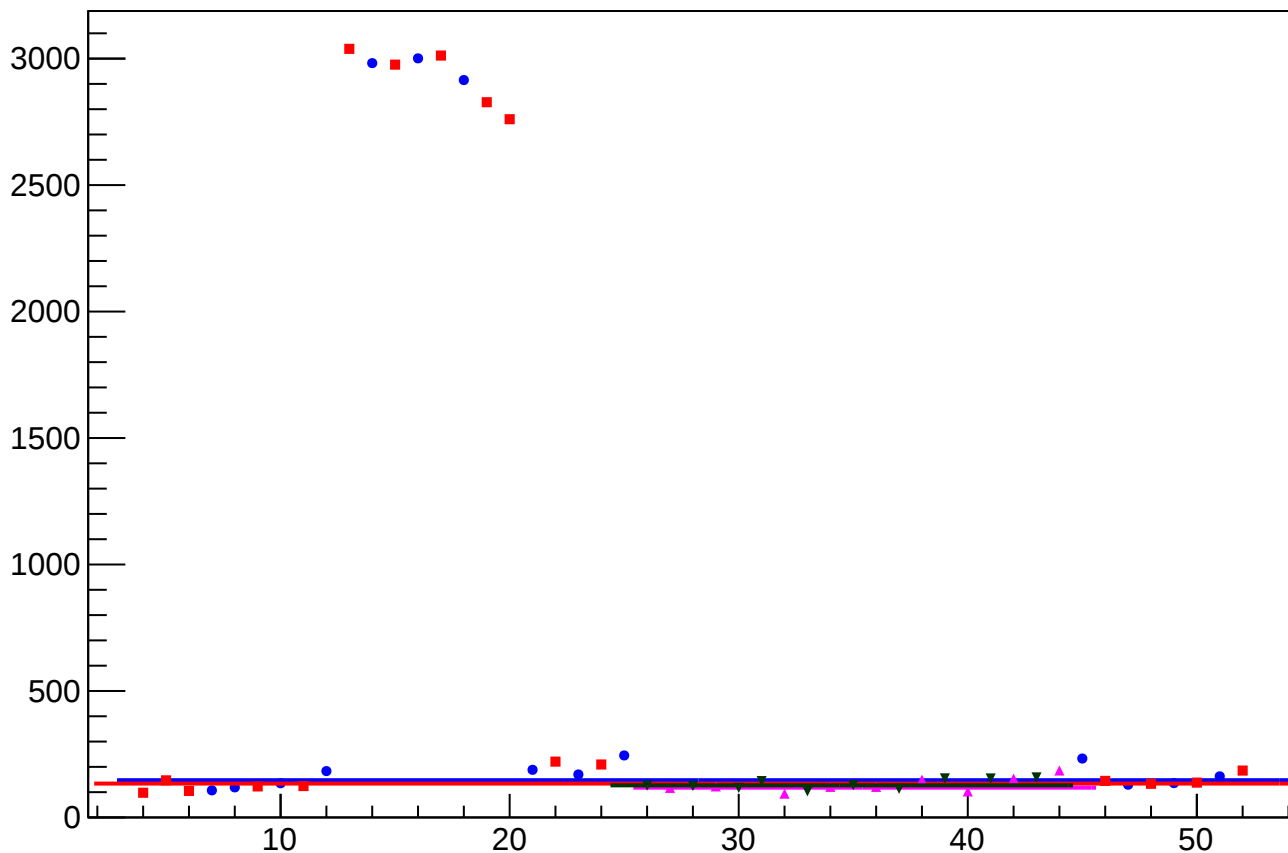
Right Out: 87.511+/-57.238 χ^2/NDF : 3.2/15

Left In: 5.189+/-50.929 χ^2/NDF : 0.4/8

38.473+/-40.400 χ^2/NDF : 10.7/23

41.565+/-38.048 χ^2/NDF : 4.8/24

asym_bcm_an_us_rms vs slug



Right In: 147.280+/-0.042 χ^2/NDF : 4872062.4/13

Left Out: 126.861+/-0.039 χ^2/NDF :201202.8/9

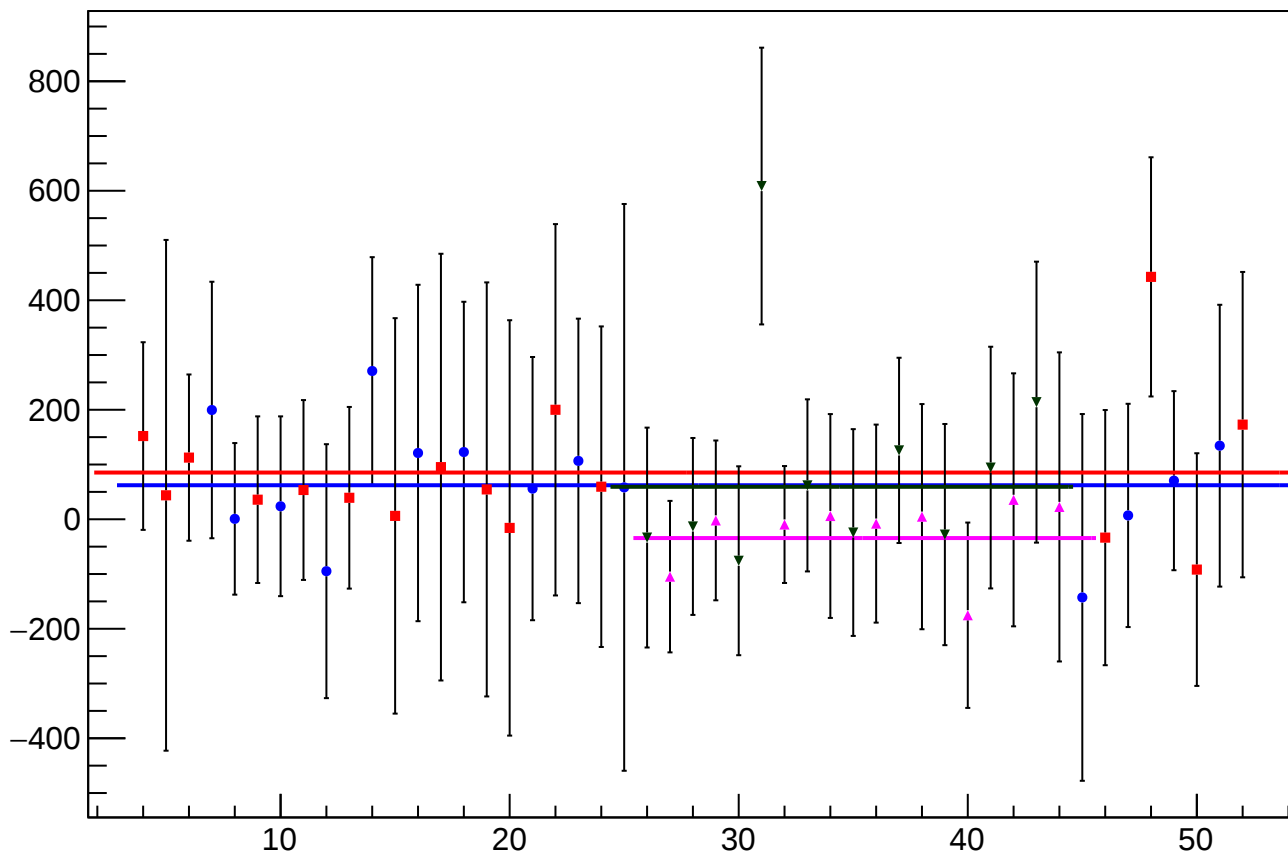
136.518+/-0.029 χ^2/NDF : 5200614.3/23

Right Out: 133.965+/-0.040 χ^2/NDF : 5645140.9/15

124.893+/-0.027 χ^2/NDF : 6110120.0/24

Left In: 117.710+/-0.036 χ^2/NDF :374948.7/8

asym_bcm_dg_us_mean vs slug



Right In: 62.163 $\pm$ 58.281 χ^2 /NDF: 2.7/13

Left Out: 59.318 $\pm$ 60.188 χ^2 /NDF:6.7/9

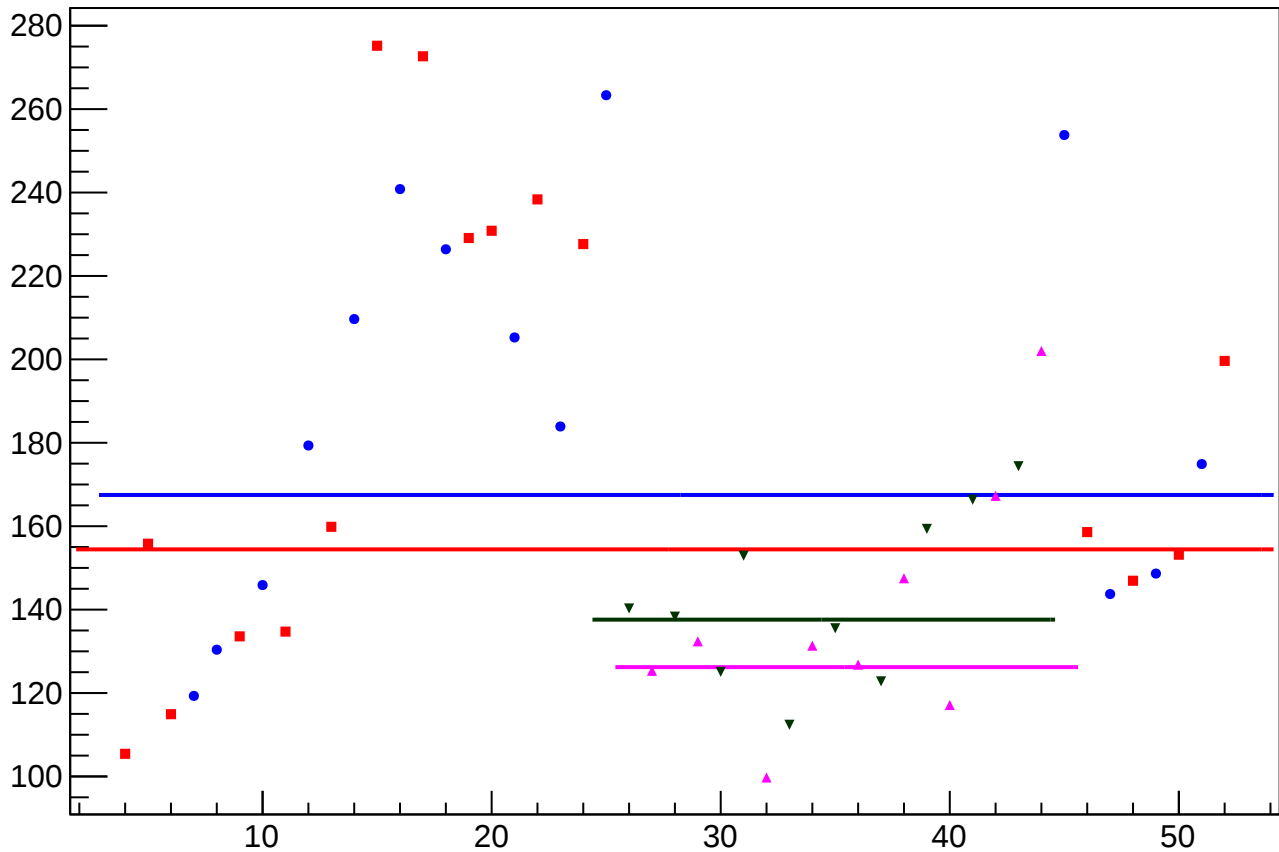
Right Out: 85.342 $\pm$ 55.767 χ^2 /NDF: 4.4/15

Left In: -34.328 $\pm$ 54.542 χ^2 /NDF:1.3/8

60.786 $\pm$ 41.869 χ^2 /NDF: 9.4/23

24.178 $\pm$ 38.993 χ^2 /NDF: 8.0/24

asym_bcm_dg_us_rms vs slug



Right In: 167.493+/-0.041 χ^2/NDF : 870502.3/13

Left Out: 137.600+/-0.043 χ^2/NDF :183507.0/9

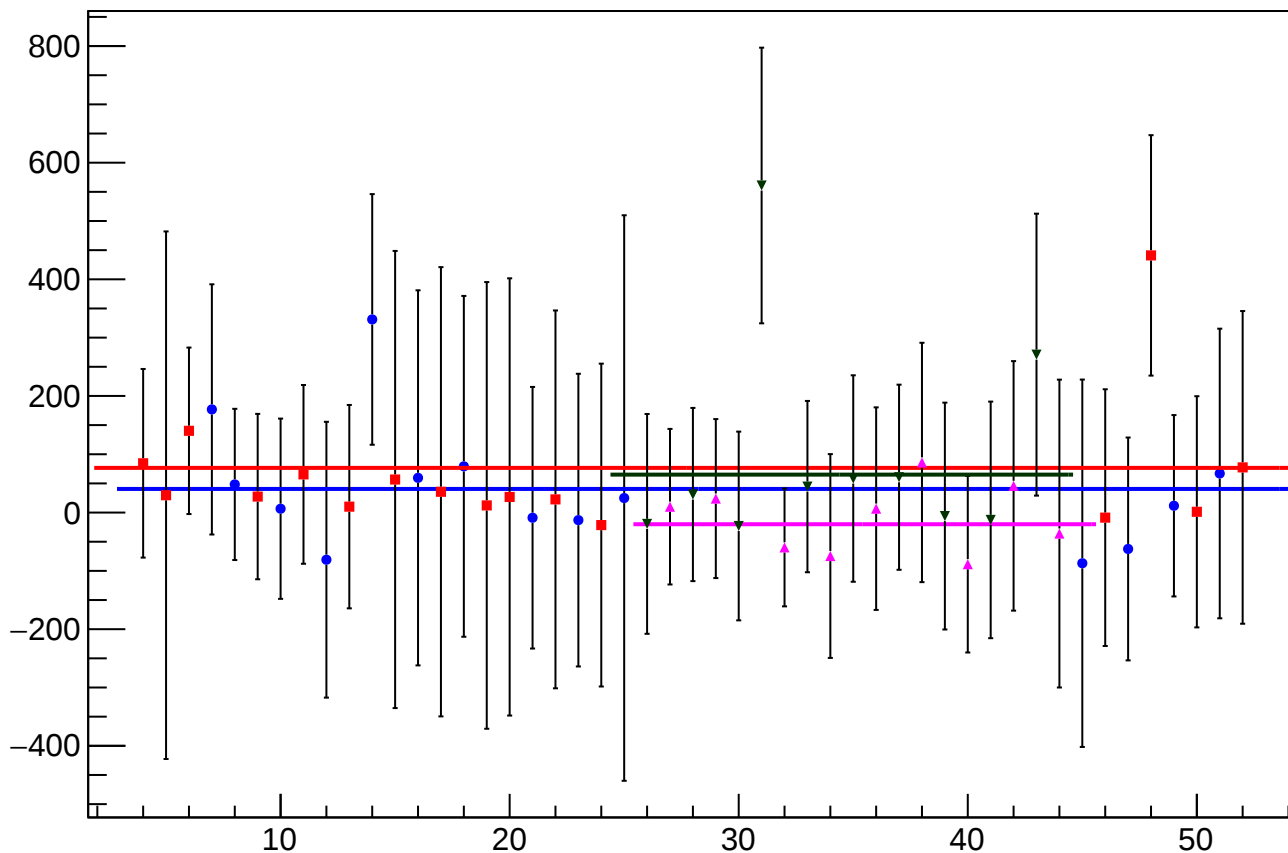
153.028+/-0.030 χ^2/NDF : 1308616.0/23

Right Out: 154.448+/-0.039 χ^2/NDF : 1237398.2/15

140.016+/-0.028 χ^2/NDF : 1862064.7/24

Left In: 126.212+/-0.039 χ^2/NDF :362614.3/8

asym_bcm_dg_ds_mean vs slug



Right In: 40.525+/-55.987 χ^2/NDF : 3.2/13

Left Out: 65.067+/-56.313 χ^2/NDF : 6.0/9

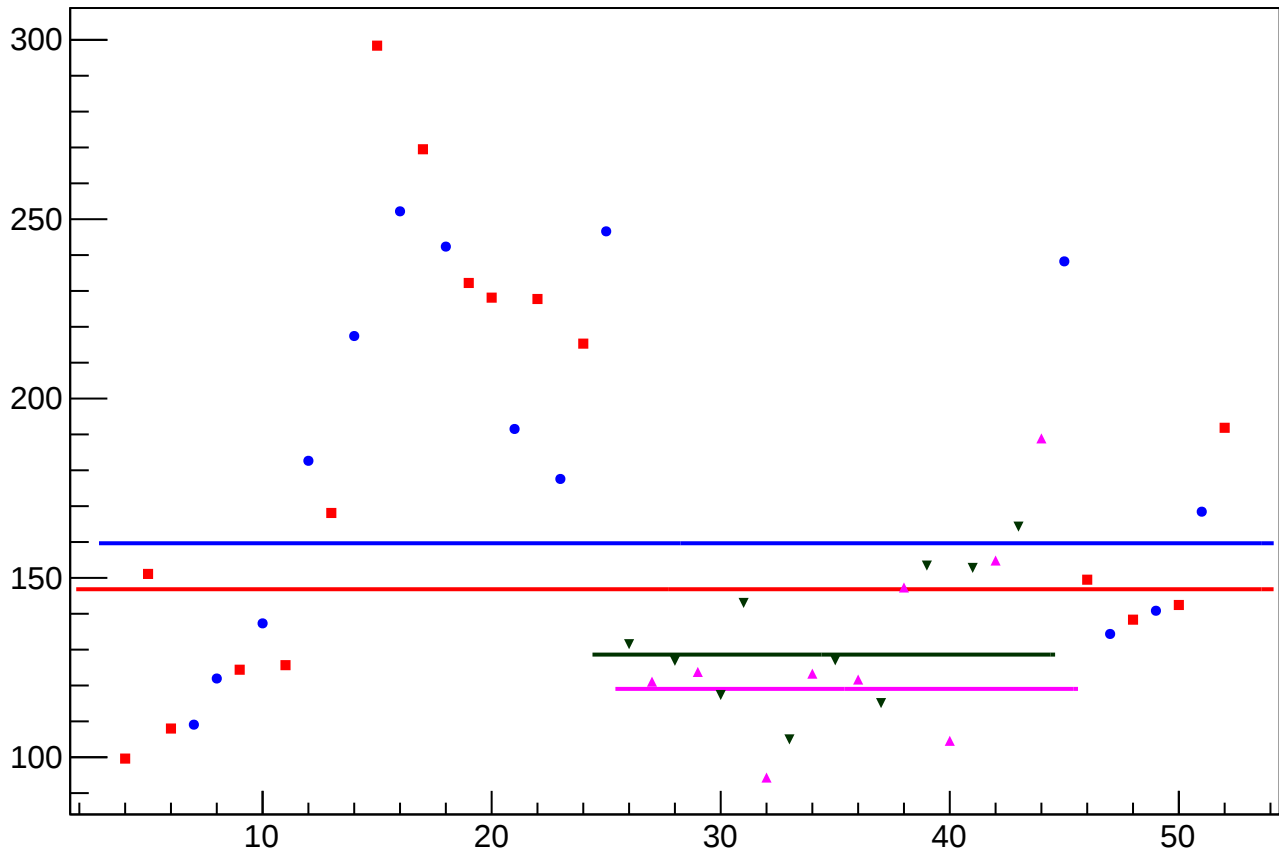
Right Out: 76.625+/-53.404 χ^2/NDF : 4.1/15

Left In: -19.993+/-51.483 χ^2/NDF : 1.0/8

52.725+/-39.703 χ^2/NDF : 9.2/23

26.547+/-37.064 χ^2/NDF : 6.8/24

asym_bcm_dg_ds_rms vs slug



Right In: 159.656+/-0.040 χ^2/NDF : 1117482.4/13

Left Out: 128.616+/-0.040 χ^2/NDF :188850.5/9

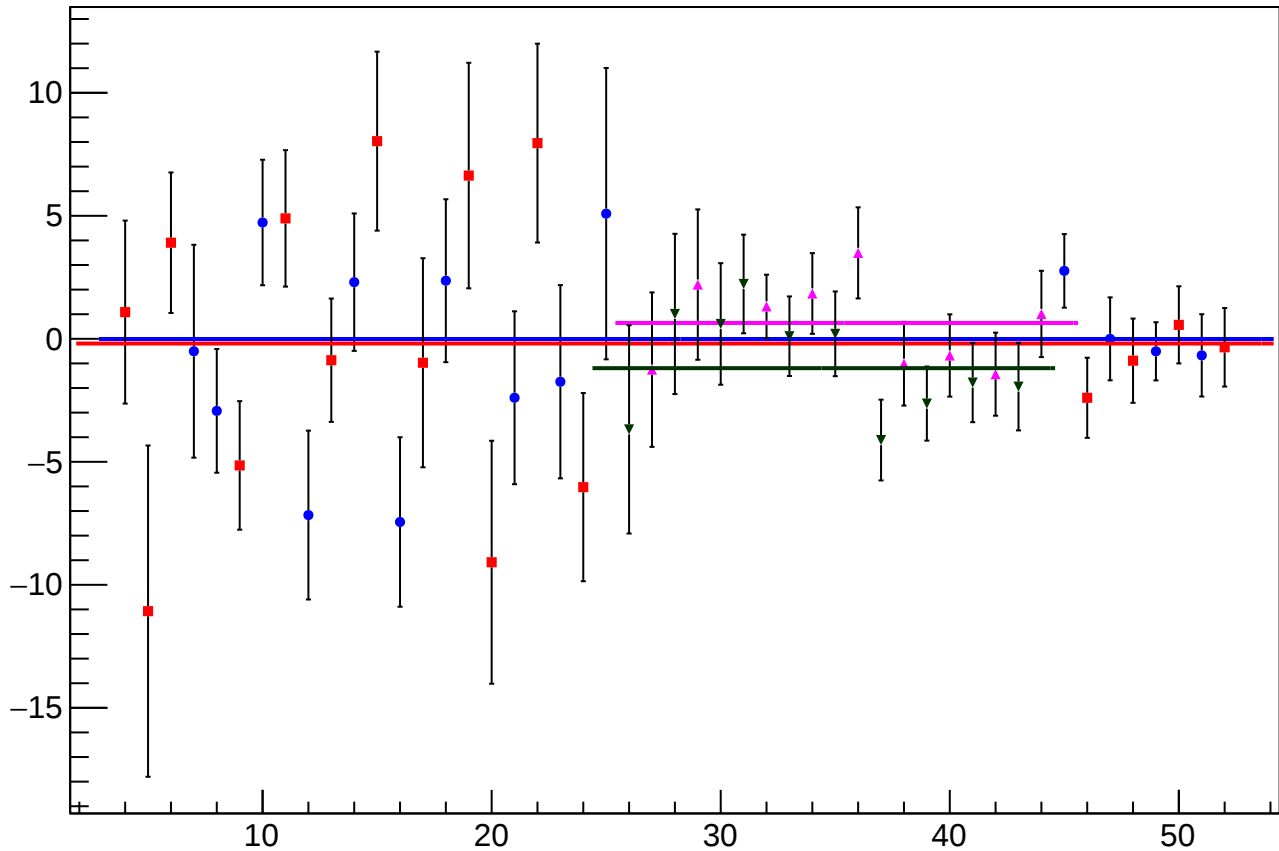
144.226+/-0.028 χ^2/NDF : 1611928.1/23

Right Out: 146.838+/-0.038 χ^2/NDF : 1439864.1/15

132.437+/-0.026 χ^2/NDF : 2096664.0/24

Left In: 119.054+/-0.036 χ^2/NDF :376220.0/8

asym_cav4bQ_mean vs slug



Right In: -0.007 ± 0.598 χ^2/NDF : 20.2/13

Left Out: -1.193 ± 0.598 χ^2/NDF : 9.9/9

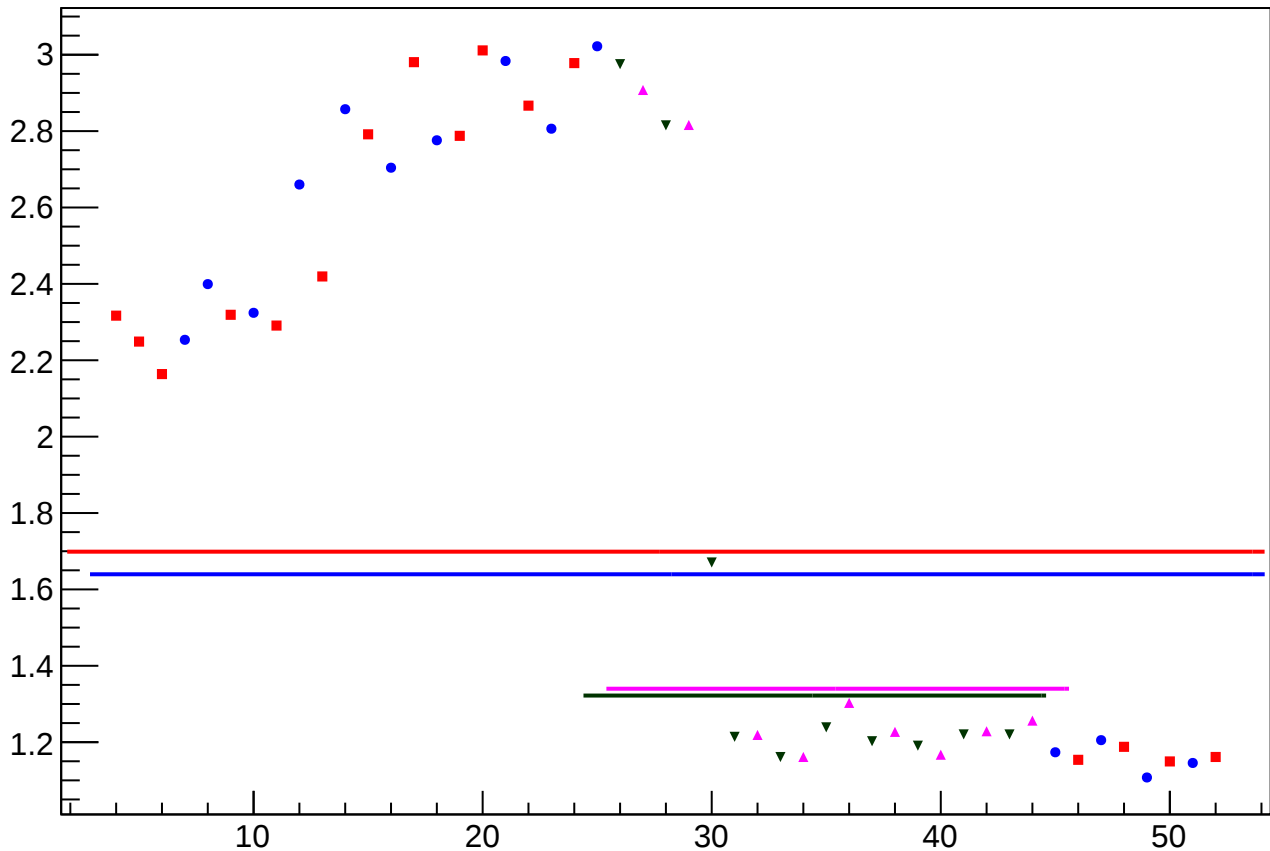
Right Out: -0.192 ± 0.630 χ^2/NDF : 31.1/15

Left In: 0.645 ± 0.592 χ^2/NDF : 6.9/8

-0.600 ± 0.423 χ^2/NDF : 32.1/23

0.252 ± 0.431 χ^2/NDF : 38.9/24

asym_cav4bQ_rms vs slug



Right In: 1.640+/-0.000 χ^2/NDF : 2834704.1/13

Left Out: 1.322+/-0.000 χ^2/NDF :835682.2/9

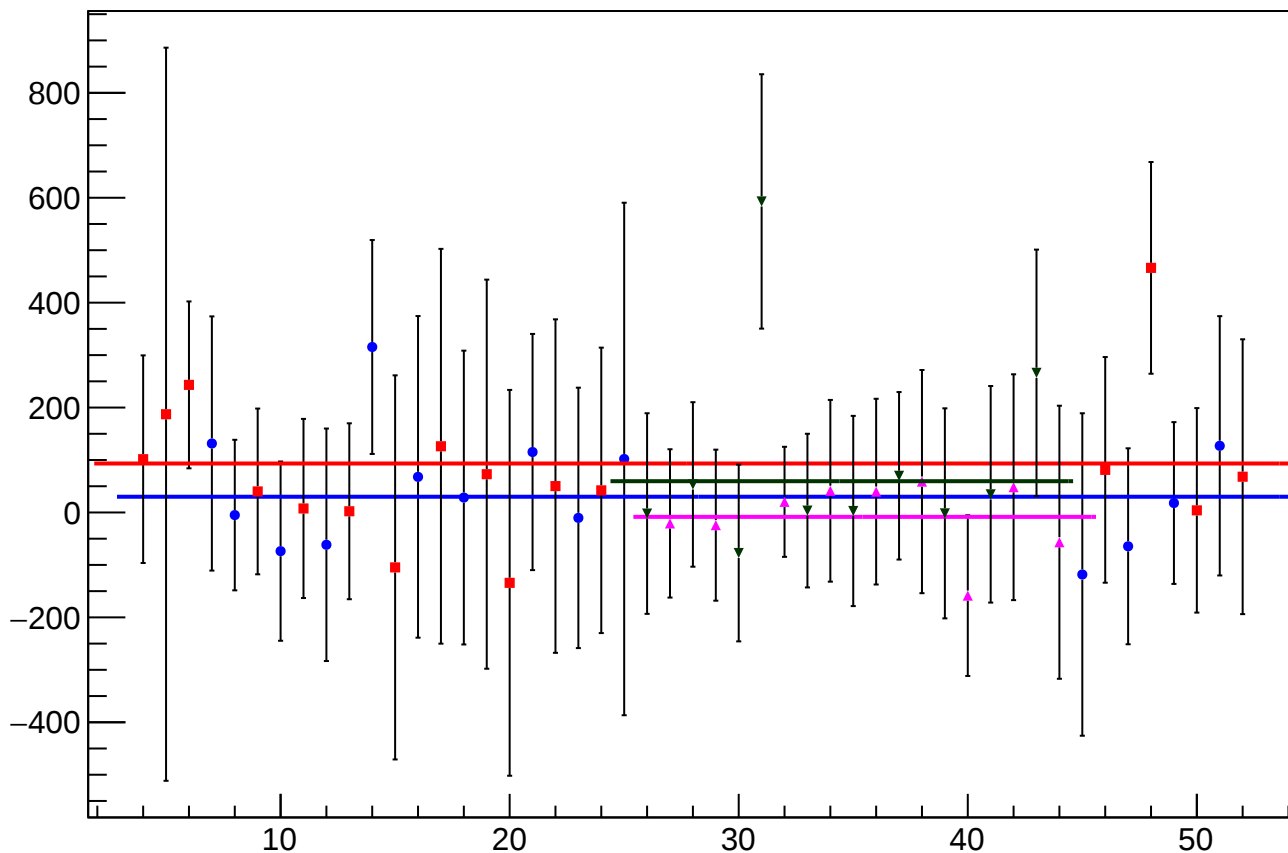
1.481+/-0.000 χ^2/NDF : 3952459.1/23

Right Out: 1.699+/-0.000 χ^2/NDF : 2372655.6/15

1.508+/-0.000 χ^2/NDF : 3767868.2/24

Left In: 1.340+/-0.000 χ^2/NDF :1050714.6/8

asym_cav4cQ_mean vs slug



Right In: 29.992 $\pm$ 57.219 χ^2 /NDF: 3.6/13

Left Out: 59.618 $\pm$ 57.448 χ^2 /NDF:6.7/9

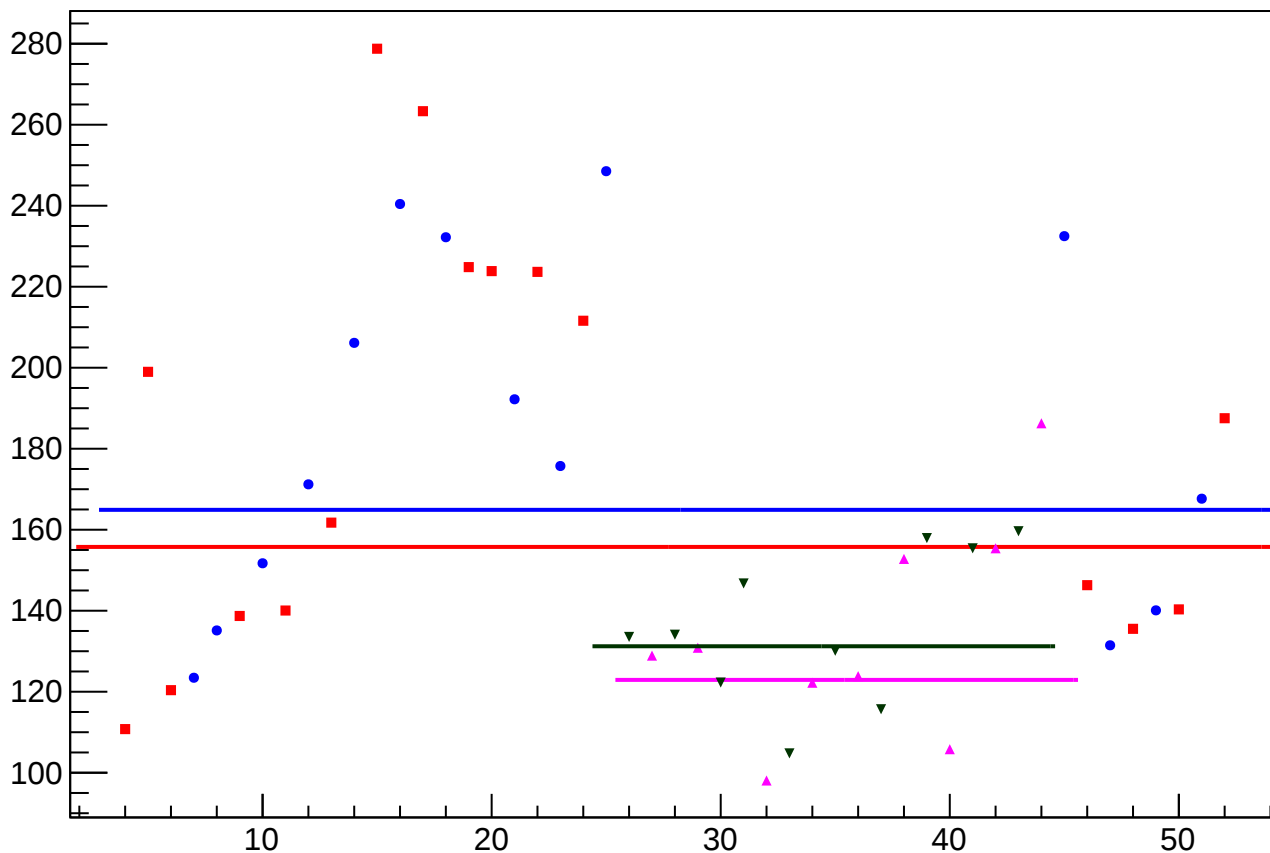
Right Out: 93.352 $\pm$ 56.199 χ^2 /NDF: 5.9/15

Left In: -8.384 $\pm$ 53.045 χ^2 /NDF:1.4/8

44.746 $\pm$ 40.541 χ^2 /NDF: 10.5/23

39.549 $\pm$ 38.575 χ^2 /NDF: 9.1/24

asym_cav4cQ_rms vs slug



Right In: 164.910+/-0.040 χ^2/NDF : 781393.4/13

Left Out: 131.224+/-0.041 χ^2/NDF :191308.6/9

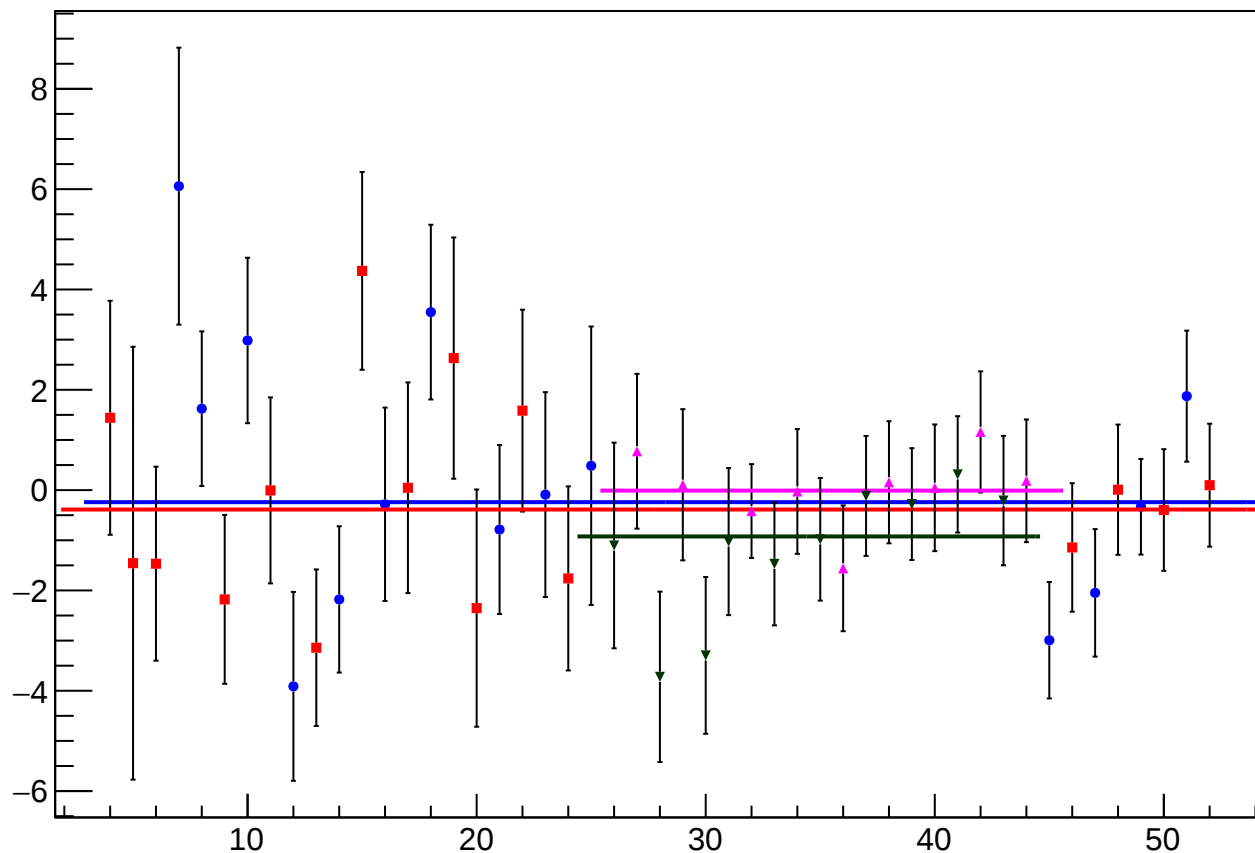
Right Out: 155.754+/-0.040 χ^2/NDF : 1021161.0/15

Left In: 122.920+/-0.038 χ^2/NDF :350338.0/8

148.134+/-0.029 χ^2/NDF : 1317905.6/23

138.390+/-0.027 χ^2/NDF : 1732522.5/24

asym_cav4dQ_mean vs slug



Right In: -0.240 ± 0.407 χ^2/NDF : 31.3/13

Left Out: -0.924 ± 0.421 χ^2/NDF : 7.5/9

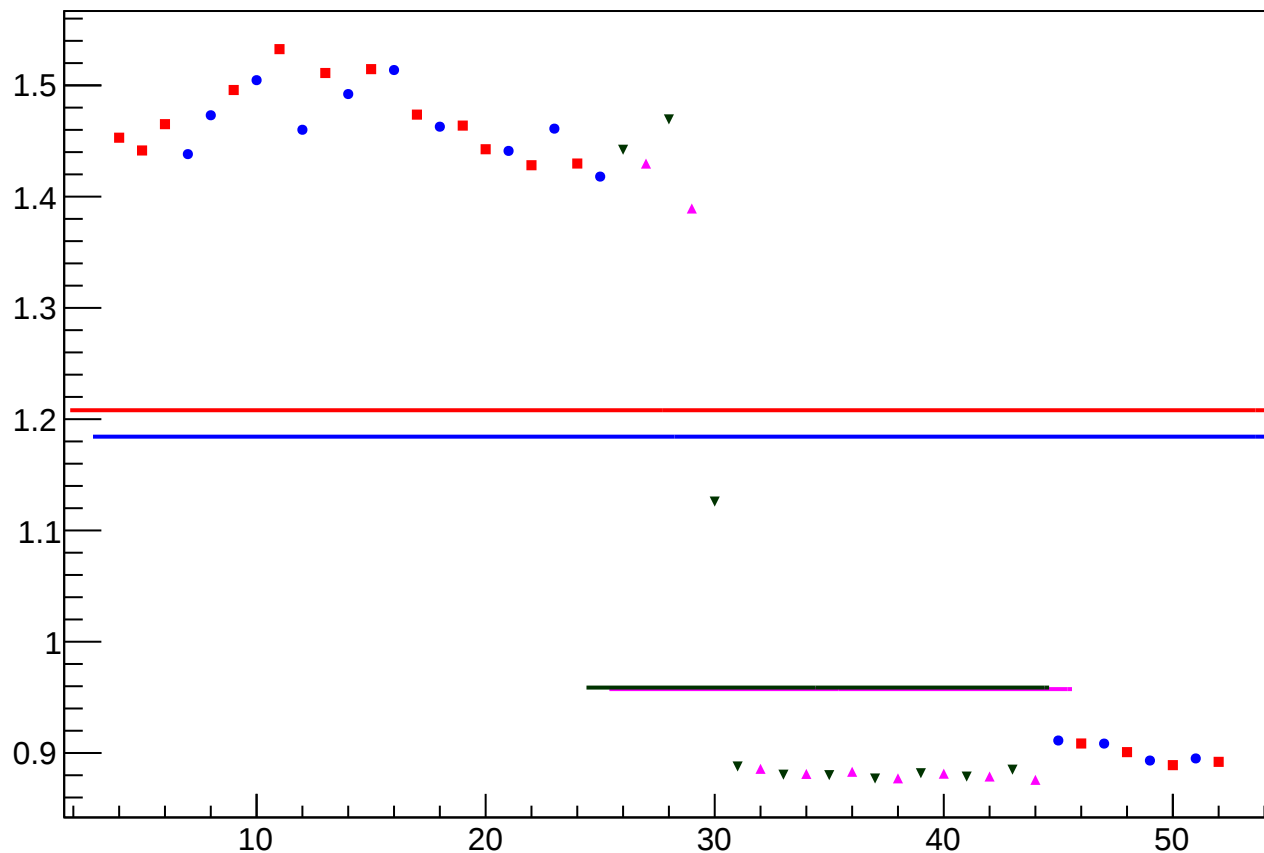
Right Out: -0.387 ± 0.427 χ^2/NDF : 15.5/15

Left In: -0.010 ± 0.410 χ^2/NDF : 3.0/8

-0.570 ± 0.293 χ^2/NDF : 40.1/23

-0.191 ± 0.296 χ^2/NDF : 18.9/24

asym_cav4dQ_rms vs slug



Right In: 1.184+/-0.000 χ^2/NDF : 990960.1/13

Left Out: 0.959+/-0.000 χ^2/NDF :370902.6/9

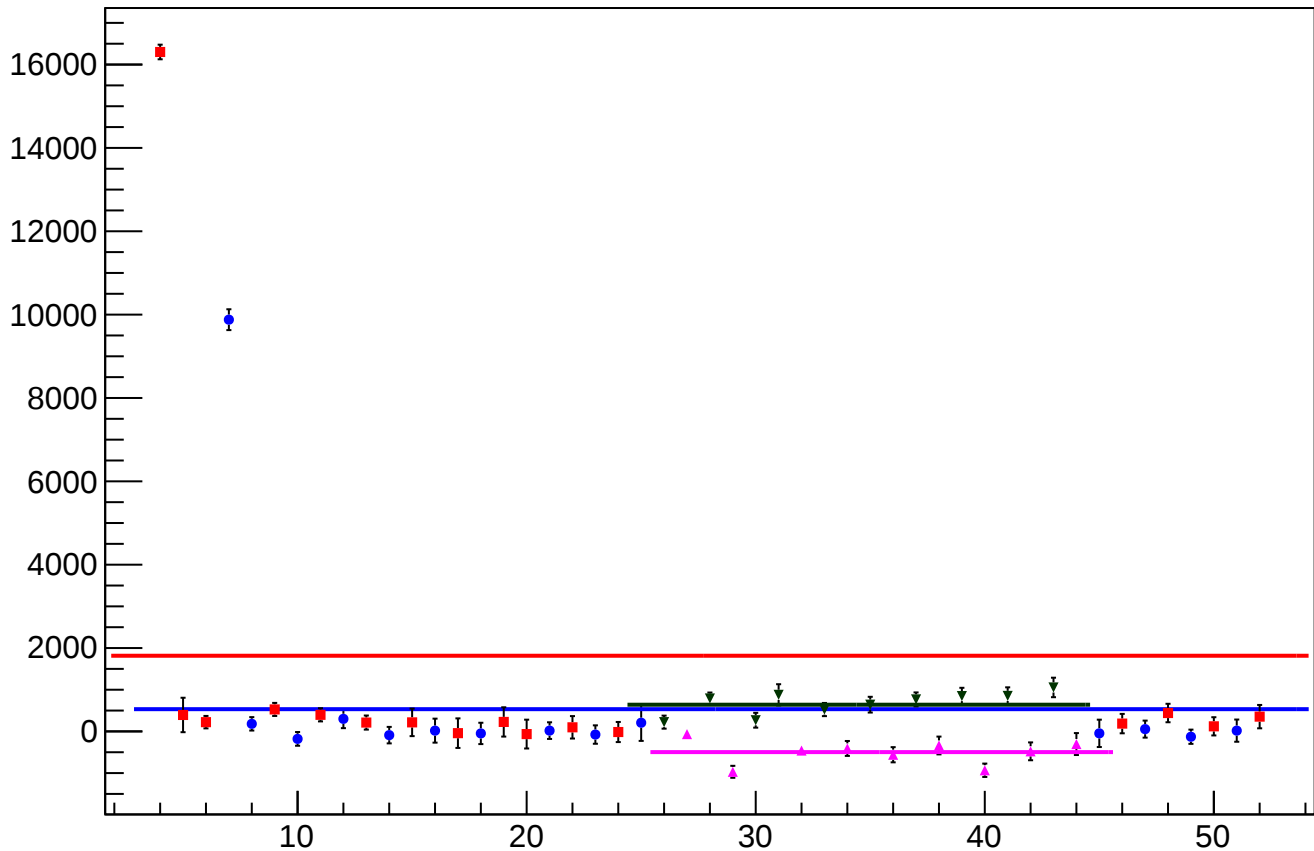
Right Out: 1.208+/-0.000 χ^2/NDF : 927000.3/15

Left In: 0.957+/-0.000 χ^2/NDF :411162.2/8

1.075+/-0.000 χ^2/NDF : 1658488.7/23

1.078+/-0.000 χ^2/NDF : 1696532.8/24

asym_bcm0l02_mean vs slug



Right In: 533.383+/-58.012 χ^2/NDF : 1483.1/13

Left Out: 640.376+/-56.927 χ^2/NDF : 19.9/9

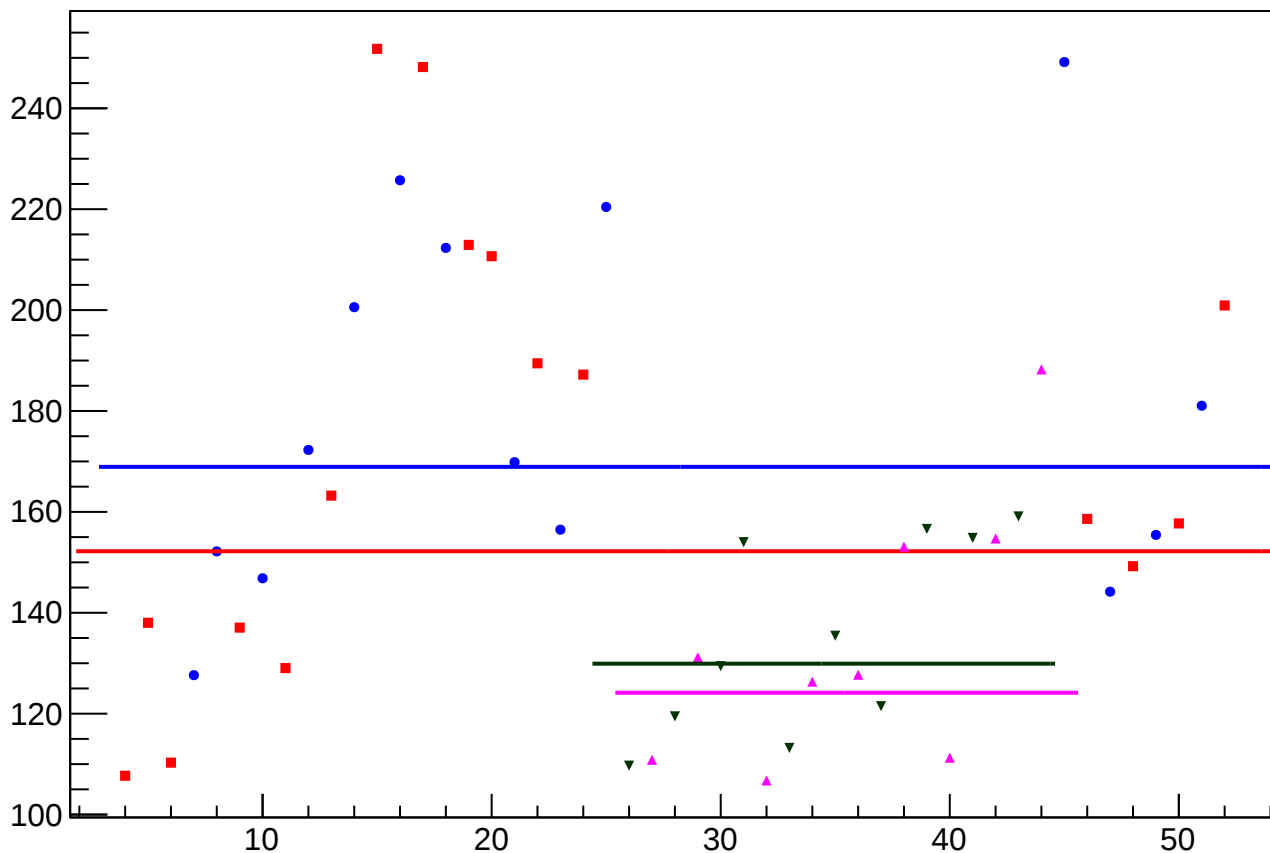
587.890+/-40.632 χ^2/NDF : 1504.8/23

Right Out: 1815.313+/-54.550 χ^2/NDF : 7552.8/15

Left In: -496.812+/-53.314 χ^2/NDF : 32.4/8

632.770+/-38.128 χ^2/NDF : 8504.1/24

asym_bcm0l02_rms vs slug



Right In: 168.926 ± 0.041 χ^2/NDF : 499381.2/13

Left Out: 129.911 ± 0.040 χ^2/NDF : 188039.4/9

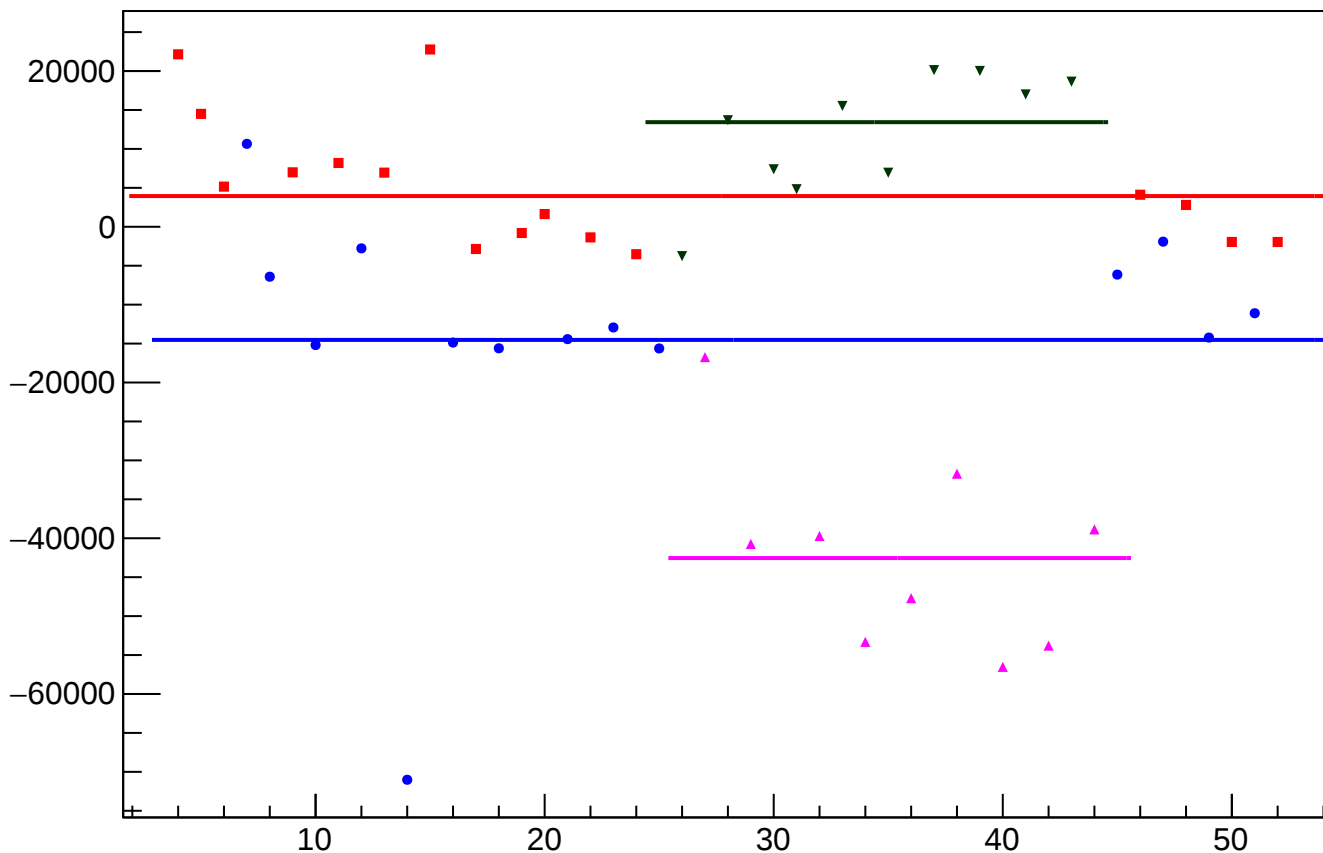
Right Out: 152.196 ± 0.039 χ^2/NDF : 948198.2/15

Left In: 124.148 ± 0.038 χ^2/NDF : 285531.8/8

149.050 ± 0.029 χ^2/NDF : 1148253.8/23

137.851 ± 0.027 χ^2/NDF : 1504155.5/24

asym_bpm2i01WS_mean vs slug



Right In: -14527.538+/-37.383 χ^2/NDF : 220087.3/13

Left Out: 13435.021+/-42.371 χ^2/NDF : 28229.6/9

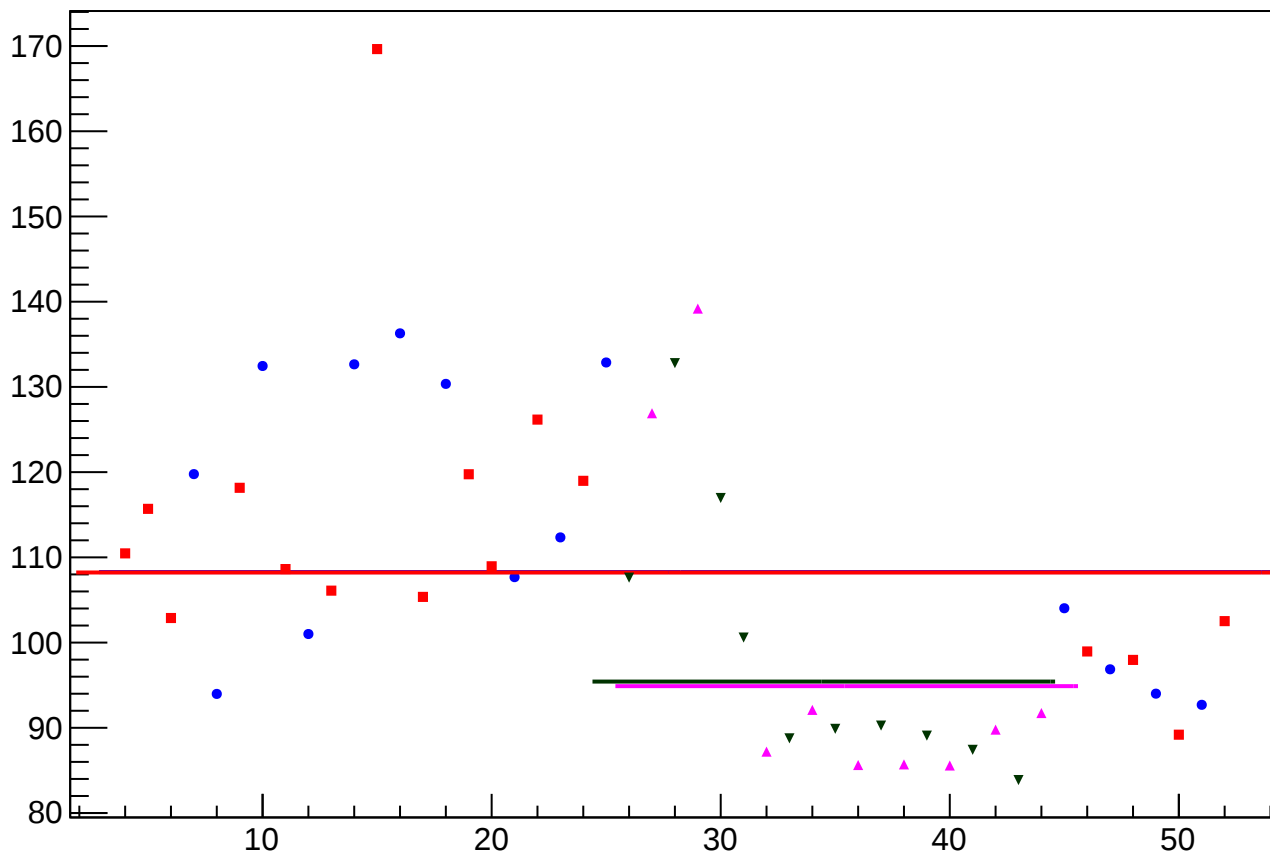
Right Out: 3943.556+/-38.404 χ^2/NDF : 29793.3/15

Left In: -42544.240+/-41.432 χ^2/NDF : 71406.7/8

-2288.338+/-28.032 χ^2/NDF : 493210.5/23

-17539.335+/-28.165 χ^2/NDF : 778349.1/24

asym_bpm2i01WS_rms vs slug



Right In: 108.273+/-0.026 χ^2/NDF : 355207.8/13

Left Out: 95.426+/-0.030 χ^2/NDF :200660.2/9

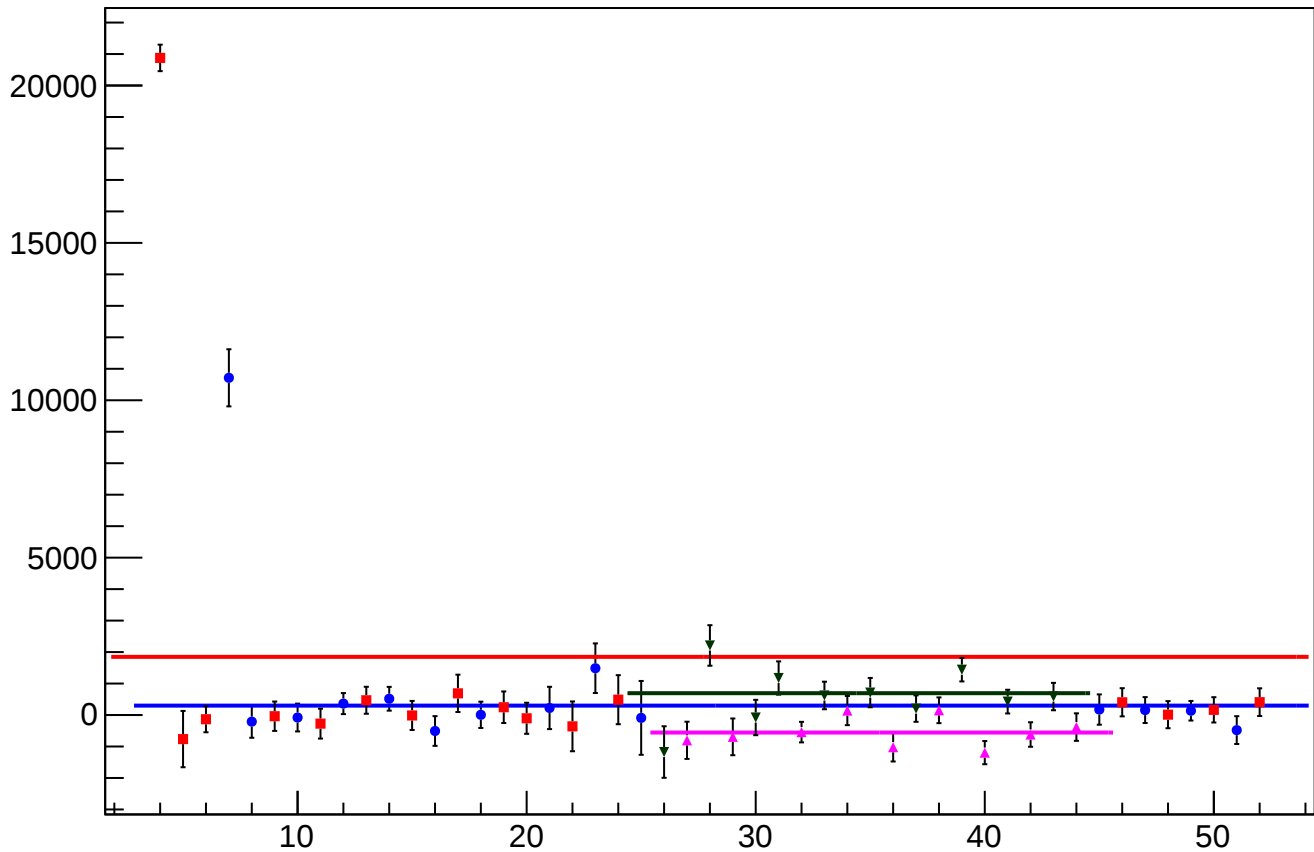
Right Out: 108.225+/-0.027 χ^2/NDF : 260208.4/15

Left In: 94.889+/-0.029 χ^2/NDF :314634.4/8

102.650+/-0.020 χ^2/NDF : 659261.3/23

102.062+/-0.020 χ^2/NDF : 686301.5/24

asym_bpm0i07WS_mean vs slug



Right In: 298.844+/-122.564 χ^2/NDF : 143.2/13

Left Out: 693.815+/-147.932 χ^2/NDF : 19.5/9

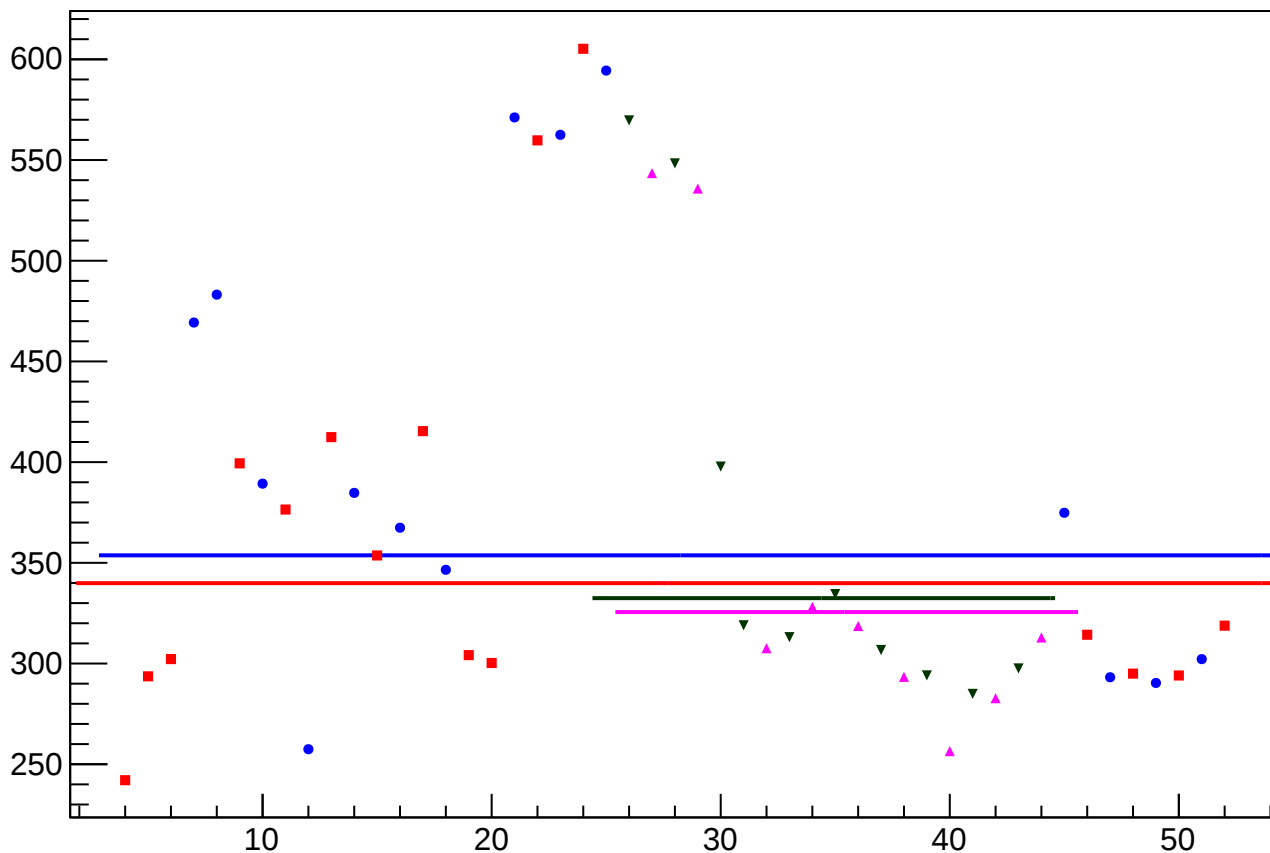
459.611+/-94.379 χ^2/NDF : 166.9/23

Right Out: 1848.008+/-121.447 χ^2/NDF : 2237.6/15

828.803+/-92.183 χ^2/NDF : 2413.5/24

Left In: -556.564+/-141.592 χ^2/NDF : 9.7/8

asym_bpm0i07WS_rms vs slug



Right In: 353.728 $\pm$ 0.087 χ^2/NDF : 946331.9/13

Left Out: 332.466 $\pm$ 0.105 χ^2/NDF : 498518.7/9

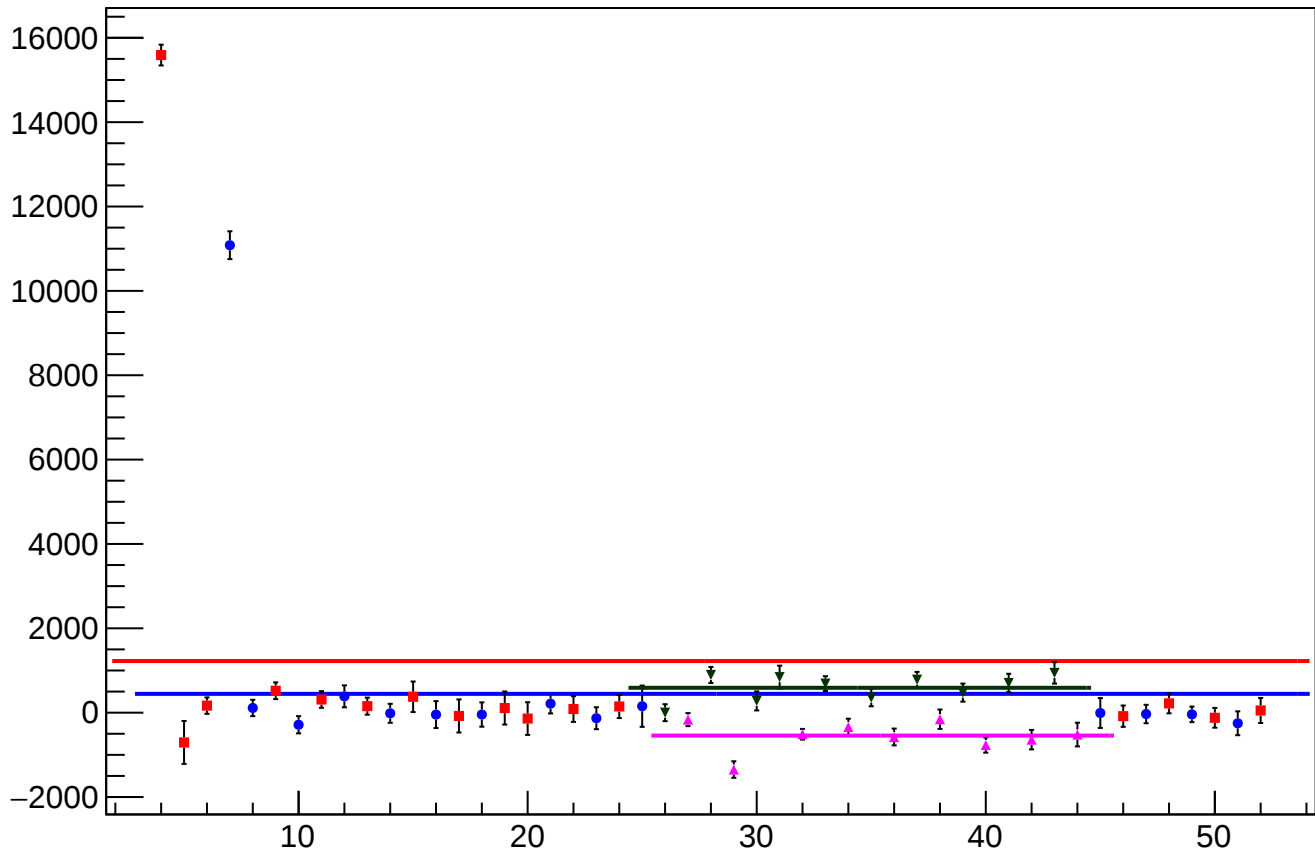
Right Out: 339.905 $\pm$ 0.086 χ^2/NDF : 734215.8/15

Left In: 325.557 $\pm$ 0.100 χ^2/NDF : 646591.2/8

345.074 $\pm$ 0.067 χ^2/NDF : 1469350.1/23

333.823 $\pm$ 0.065 χ^2/NDF : 1392639.0/24

asym_bpm0l01WS_mean vs slug



Right In: 446.178+/-66.732 χ^2/NDF : 1092.1/13

Left Out: 589.690+/-66.057 χ^2/NDF : 19.1/9

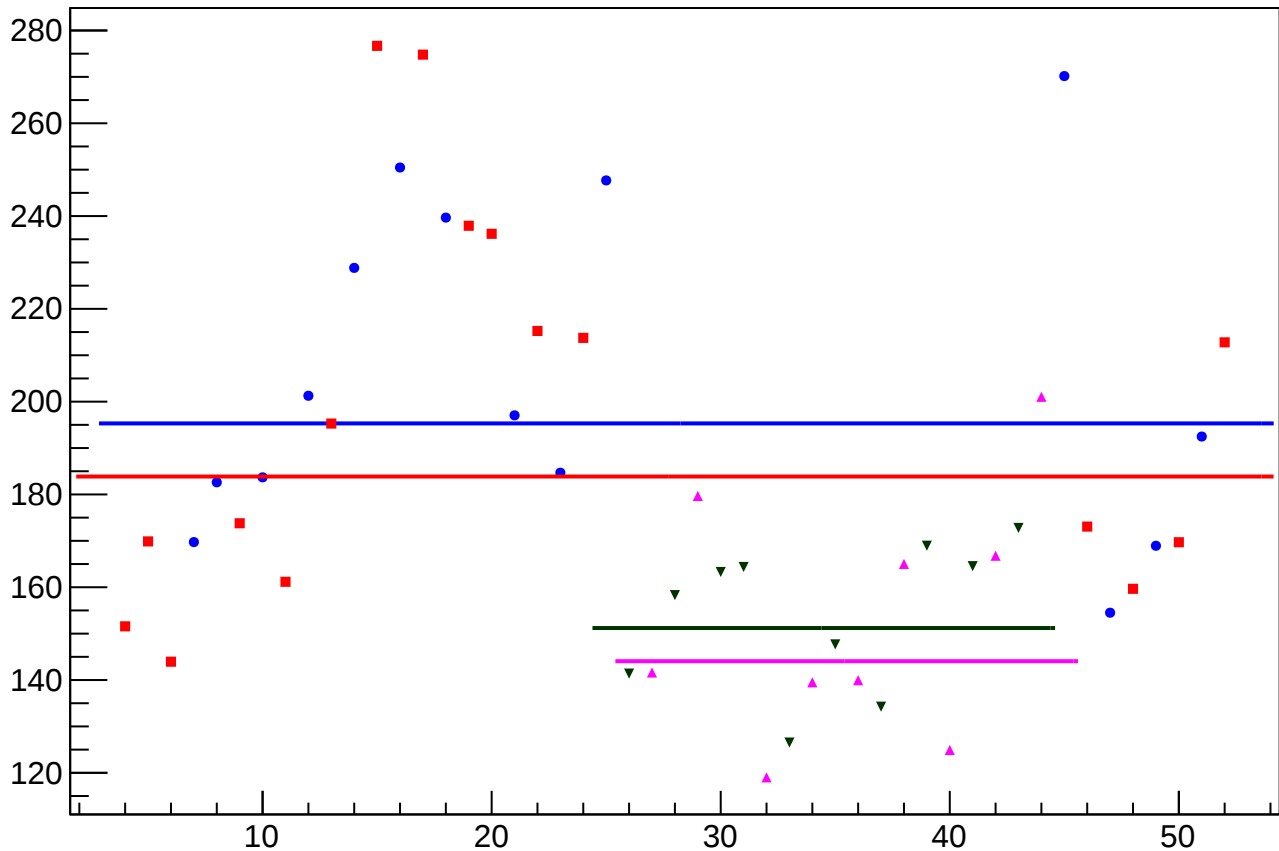
518.663+/-46.946 χ^2/NDF : 1113.6/23

Right Out: 1224.473+/-65.021 χ^2/NDF : 3665.2/15

295.176+/-44.774 χ^2/NDF : 4082.3/24

Left In: -542.908+/-61.747 χ^2/NDF : 28.6/8

asym_bpm0l01WS_rms vs slug



Right In: 195.309+/-0.047 χ^2/NDF : 406394.7/13

Left Out: 151.207+/-0.047 χ^2/NDF :110209.2/9

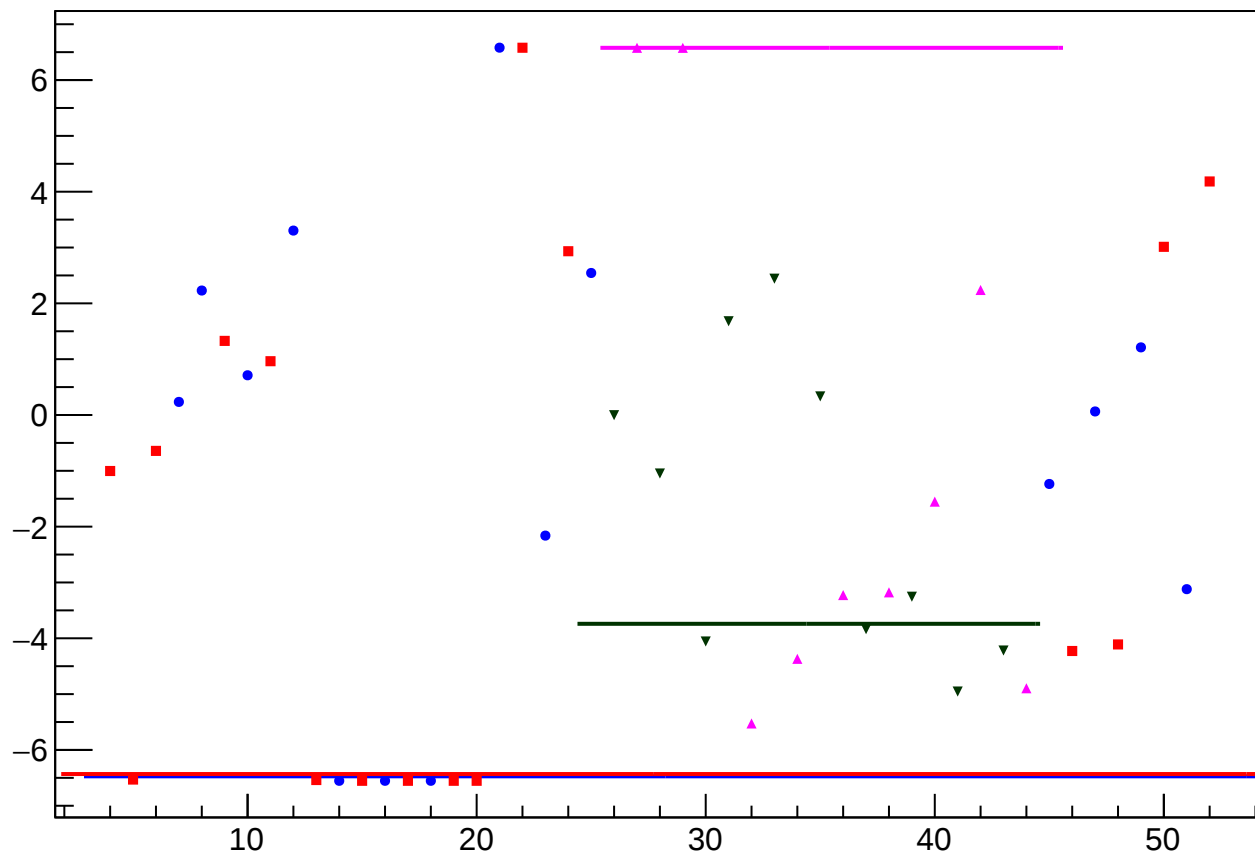
Right Out: 183.863+/-0.046 χ^2/NDF : 566365.8/15

Left In: 144.061+/-0.044 χ^2/NDF :287746.6/8

173.034+/-0.033 χ^2/NDF : 957812.8/23

162.935+/-0.032 χ^2/NDF : 1248181.9/24

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847940156175.7/13

Left Out: -3.741+/-0.001 χ^2/NDF : 5731885.1/9

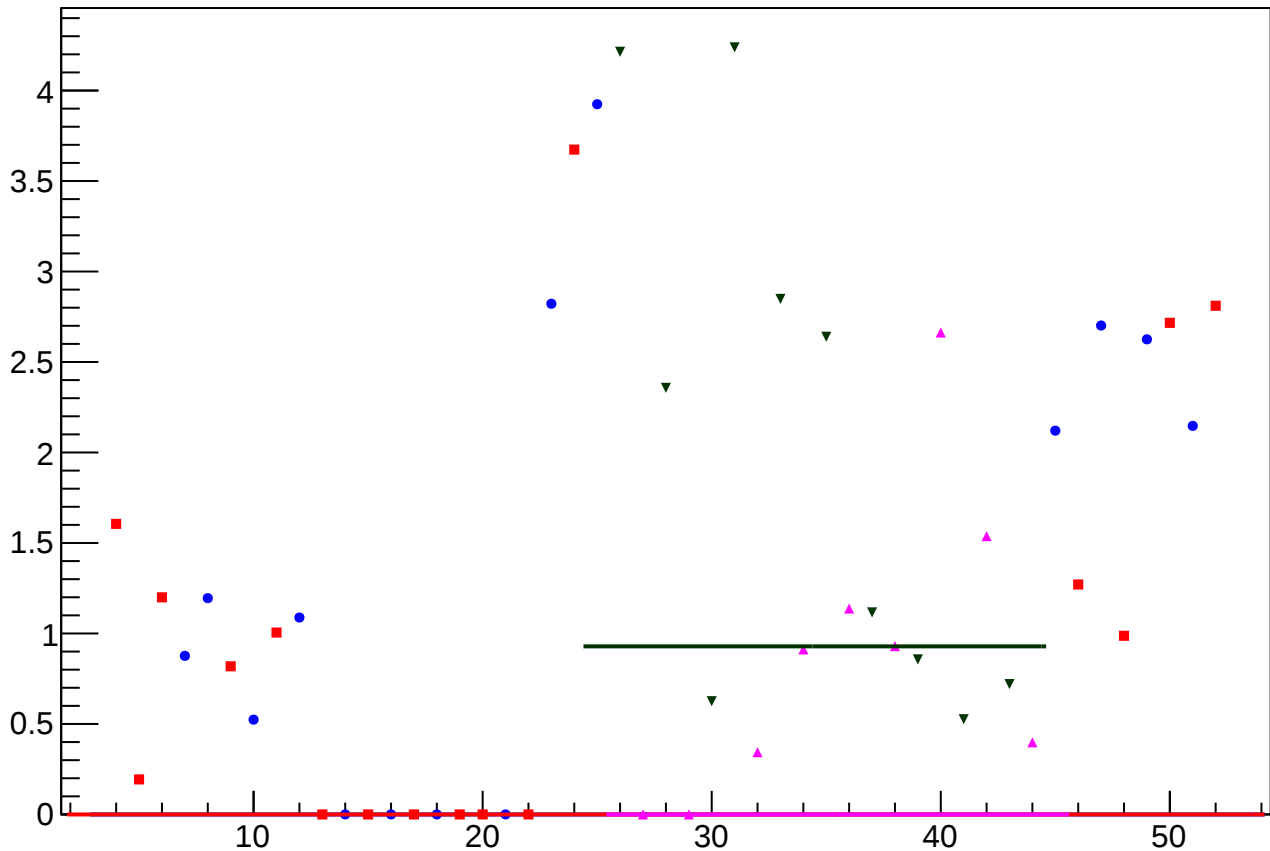
Right Out: -6.432+/-0.000 χ^2/NDF : 150837615230104.3/15

Left In: 6.578+/-0.000 χ^2/NDF : 822807717.8/8

-6.473+/-0.000 χ^2/NDF : 127847964539057.8/2

-6.315+/-0.000 χ^2/NDF : 297092124513460.4/2

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8182256.1/13

Left Out: 0.929+/-0.000 χ^2/NDF :2482114.1/9

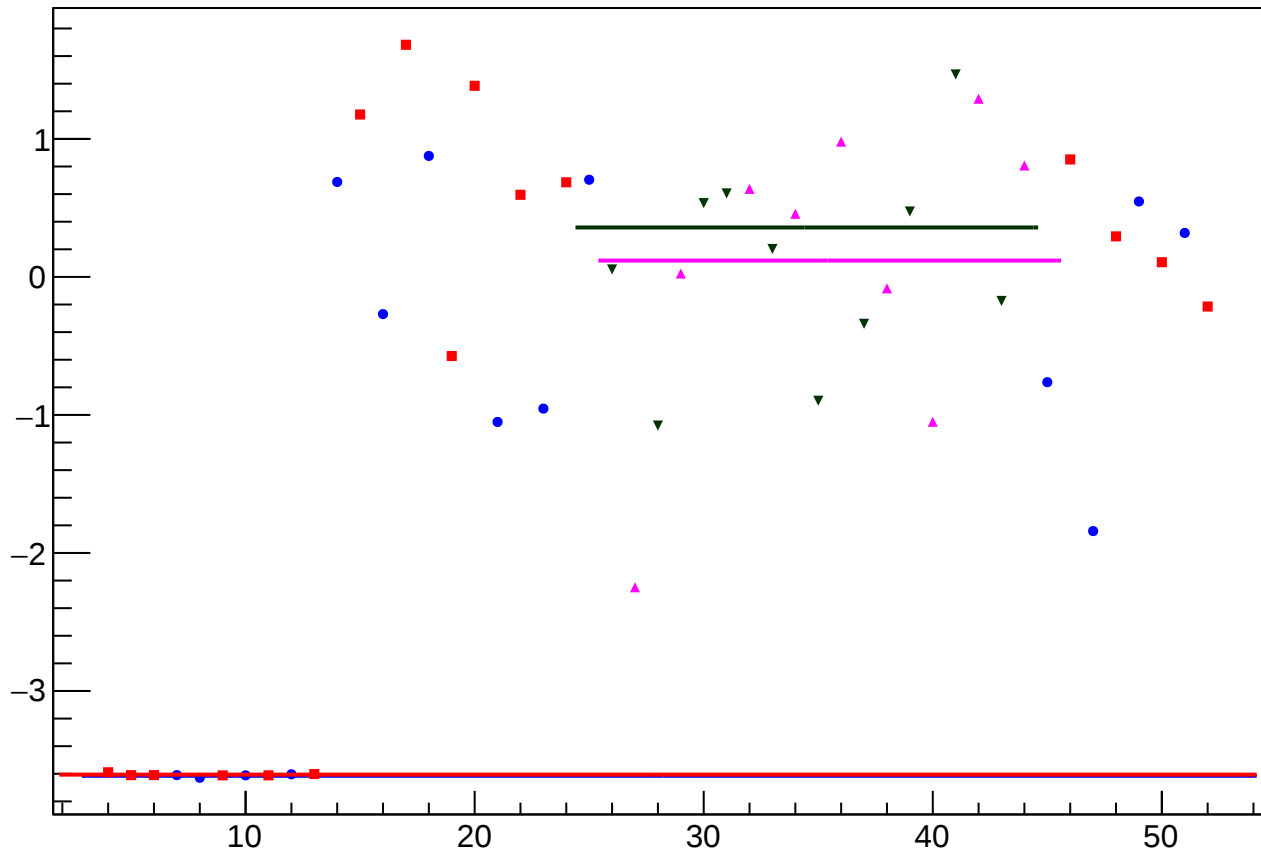
Right Out: 0.000+/-0.000 χ^2/NDF : 6962802.5/15

Left In: 0.000+/-0.000 χ^2/NDF :4631448.1/8

0.000+/-0.000 χ^2/NDF : 14973849.8/23

0.000+/-0.000 χ^2/NDF : 11594345.3/24

yield_cav4bY_mean vs slug



Right In: -3.614+/-0.000 χ^2/NDF : 49079316791.7/13

-3.614+/-0.000 χ^2/NDF : 49233558082.9/23

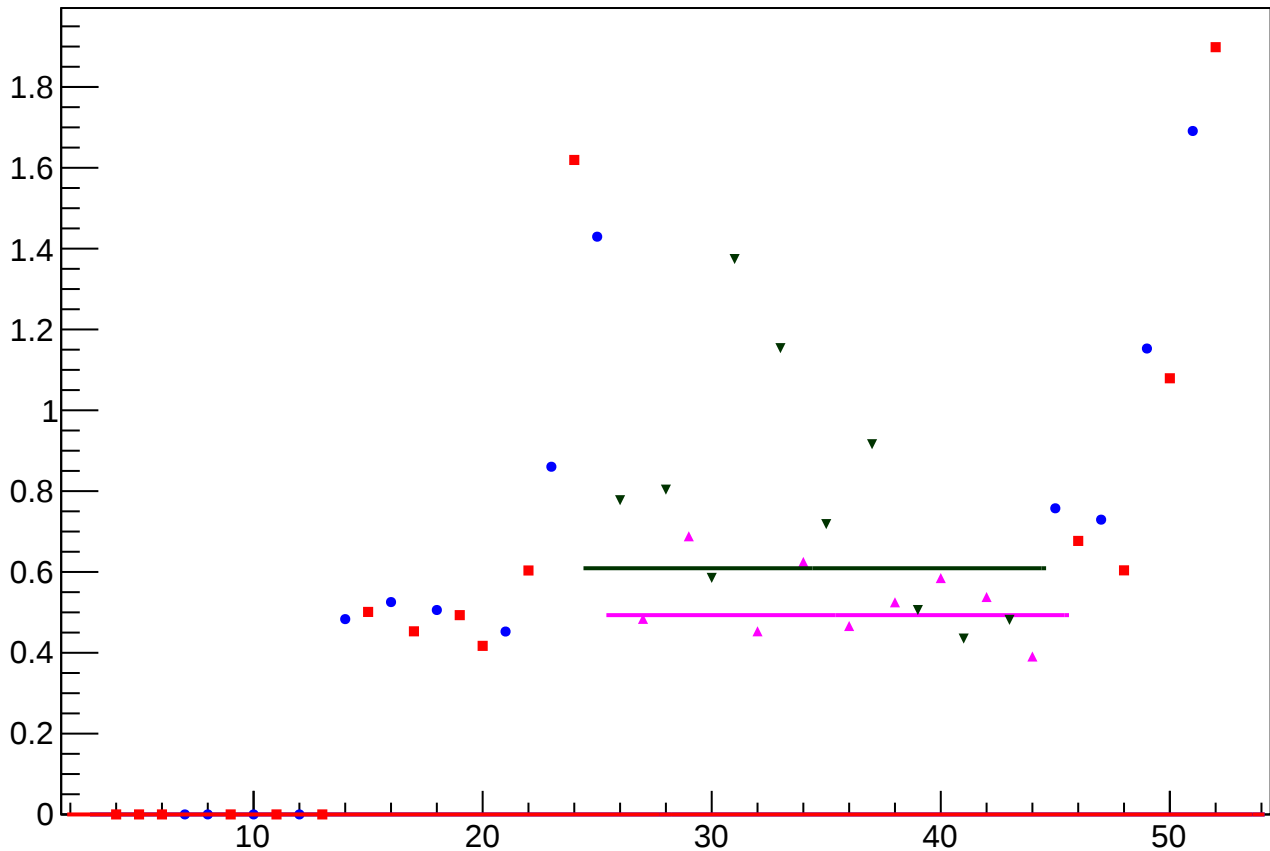
Left Out: 0.358+/-0.000 χ^2/NDF : 6673360.6/9

Right Out: -3.606+/-0.000 χ^2/NDF : 37788139458.8/15

-3.606+/-0.000 χ^2/NDF : 38027660825.1/24

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 : 9277525.9/13

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

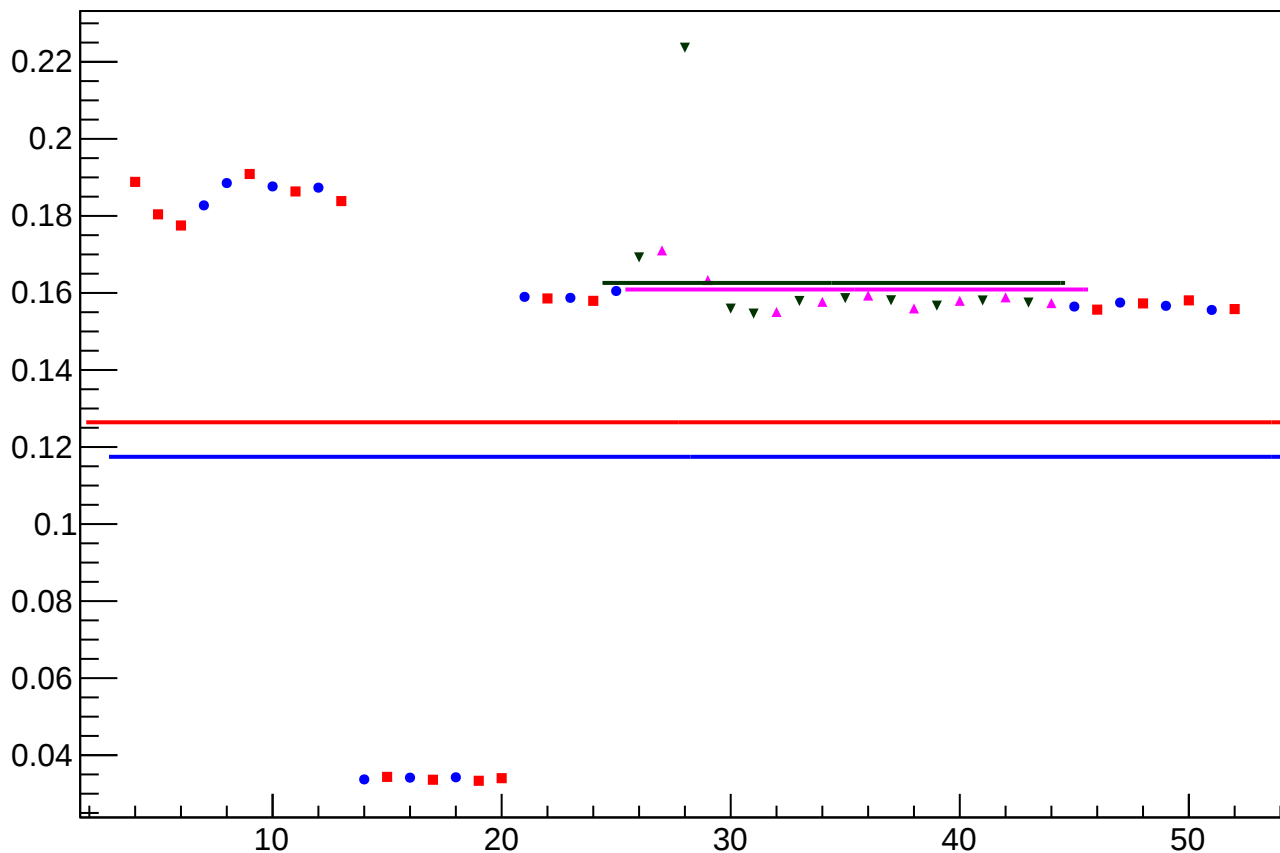
0.000+/-0.000 χ^2/NDF : 17014897.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 7522933.8/15

0.000+/-0.000 χ^2/NDF : 15427767.0/24

Left In: 0.493+/-0.000 χ^2/NDF : 214040.2/8

yield_cav4cX_mean vs slug



Right In: 0.117+/-0.000 χ^2/NDF : 4912105164.9/13

Left Out: 0.163+/-0.000 χ^2/NDF :101593637.2/9

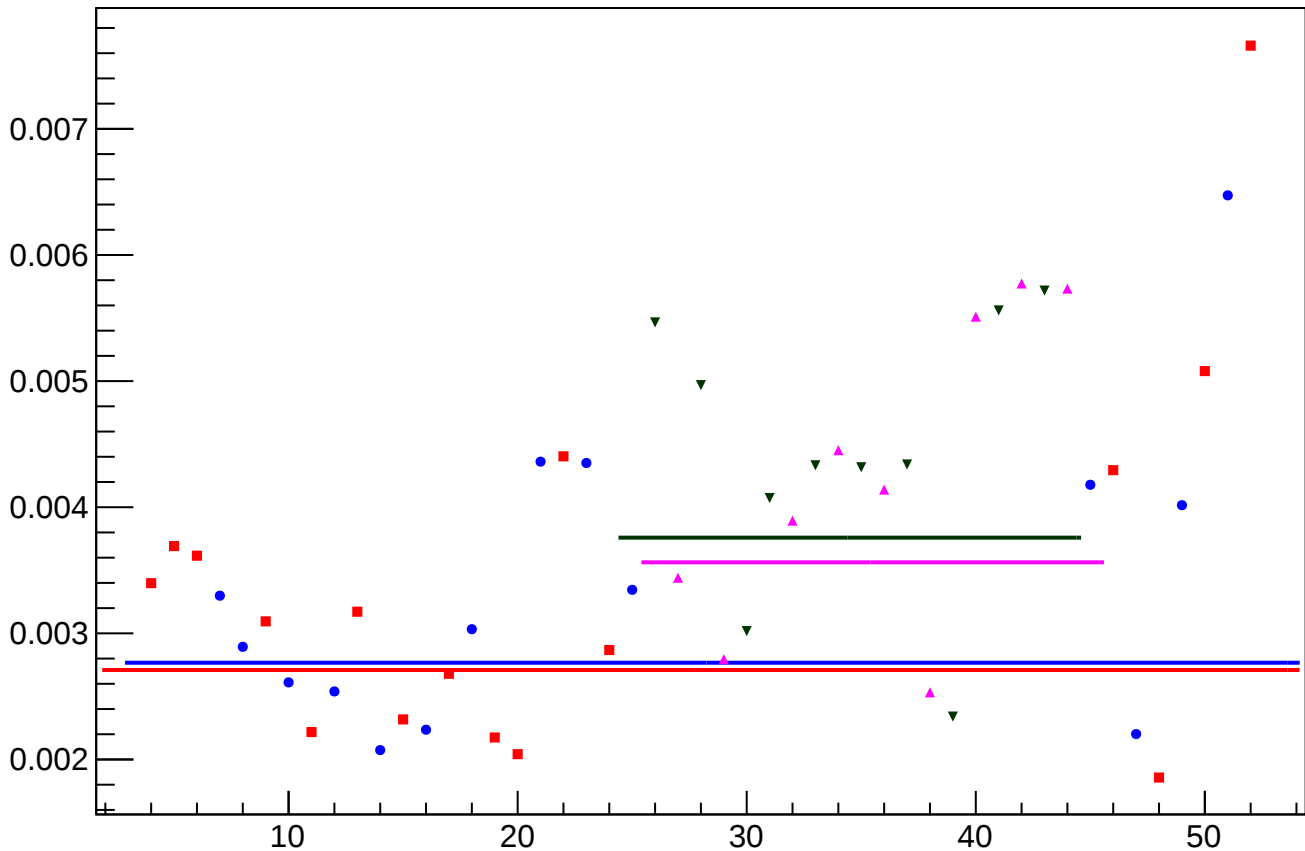
Right Out: 0.126+/-0.000 χ^2/NDF : 4406459685.2/15

Left In: 0.161+/-0.000 χ^2/NDF :11671584.7/8

0.128+/-0.000 χ^2/NDF : 5514126864.6/23

0.136+/-0.000 χ^2/NDF : 4747492044.2/24

yield_cav4cX_rms vs slug



Right In: 0.003 ± 0.000 $\chi^2/\text{NDF}: 1282316.1/13$

Left Out: 0.004 ± 0.000 $\chi^2/\text{NDF}: 884952.0/9$

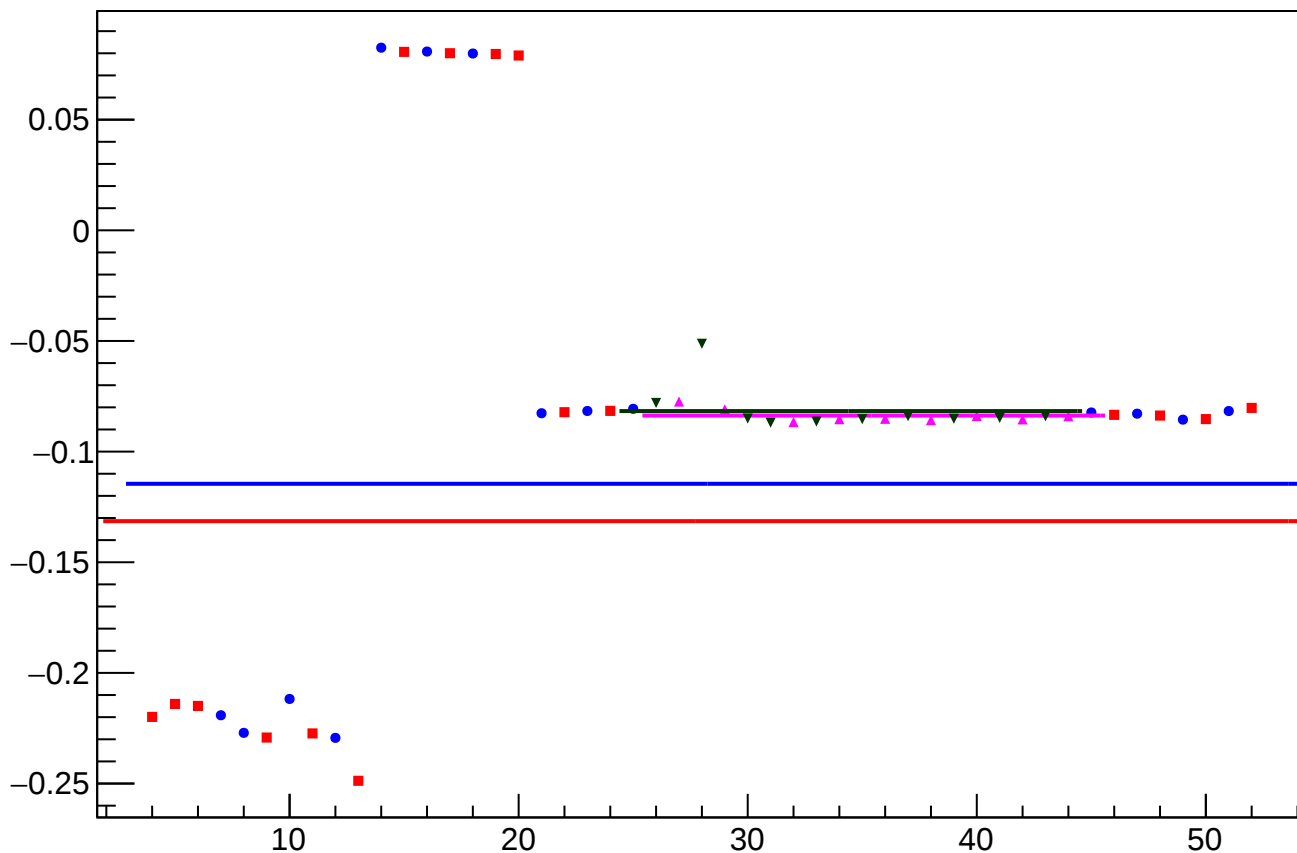
0.003 ± 0.000 $\chi^2/\text{NDF}: 2650205.4/23$

Right Out: 0.003 ± 0.000 $\chi^2/\text{NDF}: 1477136.2/15$

0.003 ± 0.000 $\chi^2/\text{NDF}: 2633069.3/24$

Left In: 0.004 ± 0.000 $\chi^2/\text{NDF}: 752035.9/8$

yield_cav4cY_mean vs slug



Right In: -0.115+/-0.000 χ^2/NDF : 9665581891.2/13

Left Out: -0.082+/-0.000 χ^2/NDF : 35856752.9/9

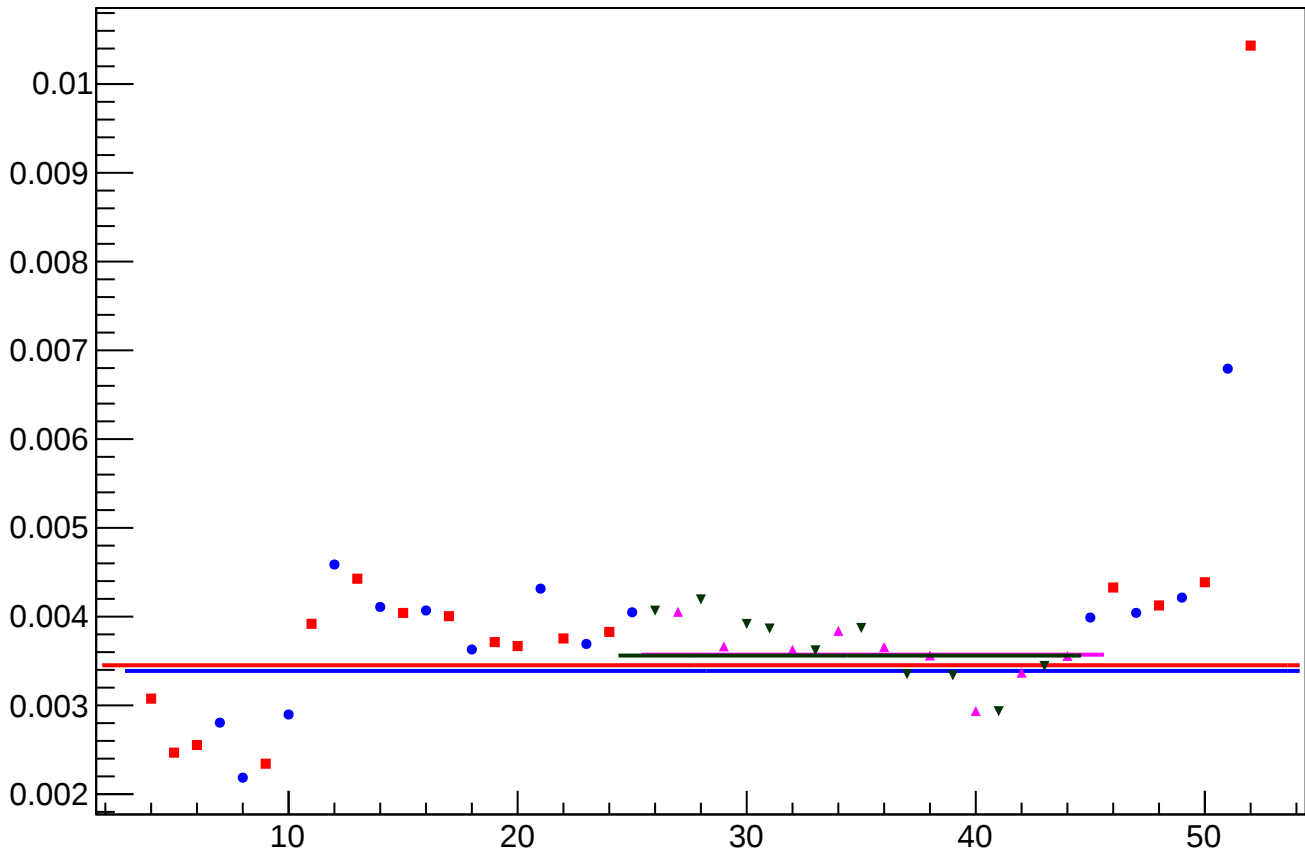
Right Out: -0.131+/-0.000 χ^2/NDF : 8834966609.3/15

Left In: -0.084+/-0.000 χ^2/NDF : 3521413.4/8

-0.103+/-0.000 χ^2/NDF : 9973548515.5/23

-0.112+/-0.000 χ^2/NDF : 9412452321.1/24

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1173210.7/13

Left Out: 0.004+/-0.000 χ^2/NDF :124023.6/9

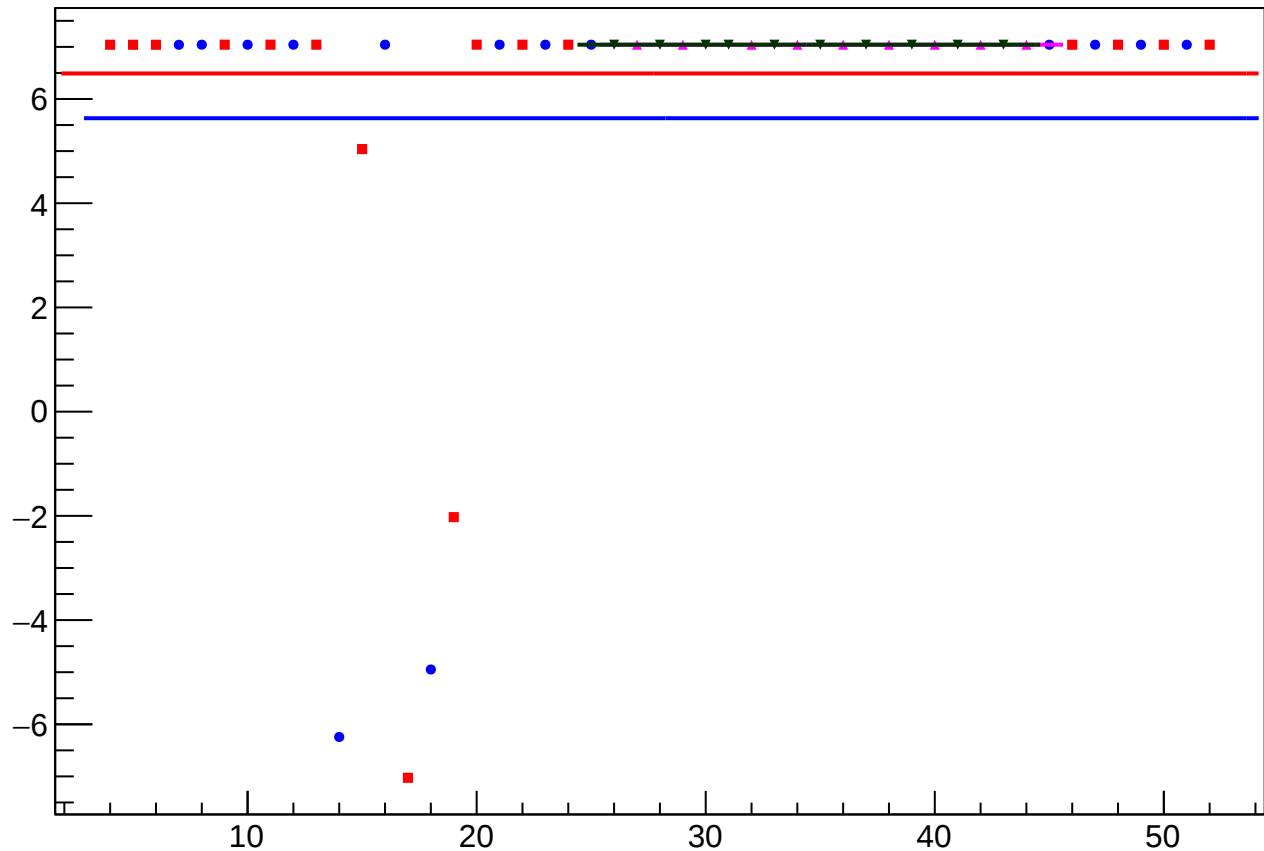
0.003+/-0.000 χ^2/NDF : 1312301.9/23

Right Out: 0.003+/-0.000 χ^2/NDF : 1195261.3/15

0.004+/-0.000 χ^2/NDF : 1281619.5/24

Left In: 0.004+/-0.000 χ^2/NDF :79207.1/8

yield_cav4dX_mean vs slug



Right In: 5.631+/-0.000 χ^2/NDF : 4488413270093942.0/13

Left Out: 7.042+/-0.000 χ^2/NDF : 765209.6/9

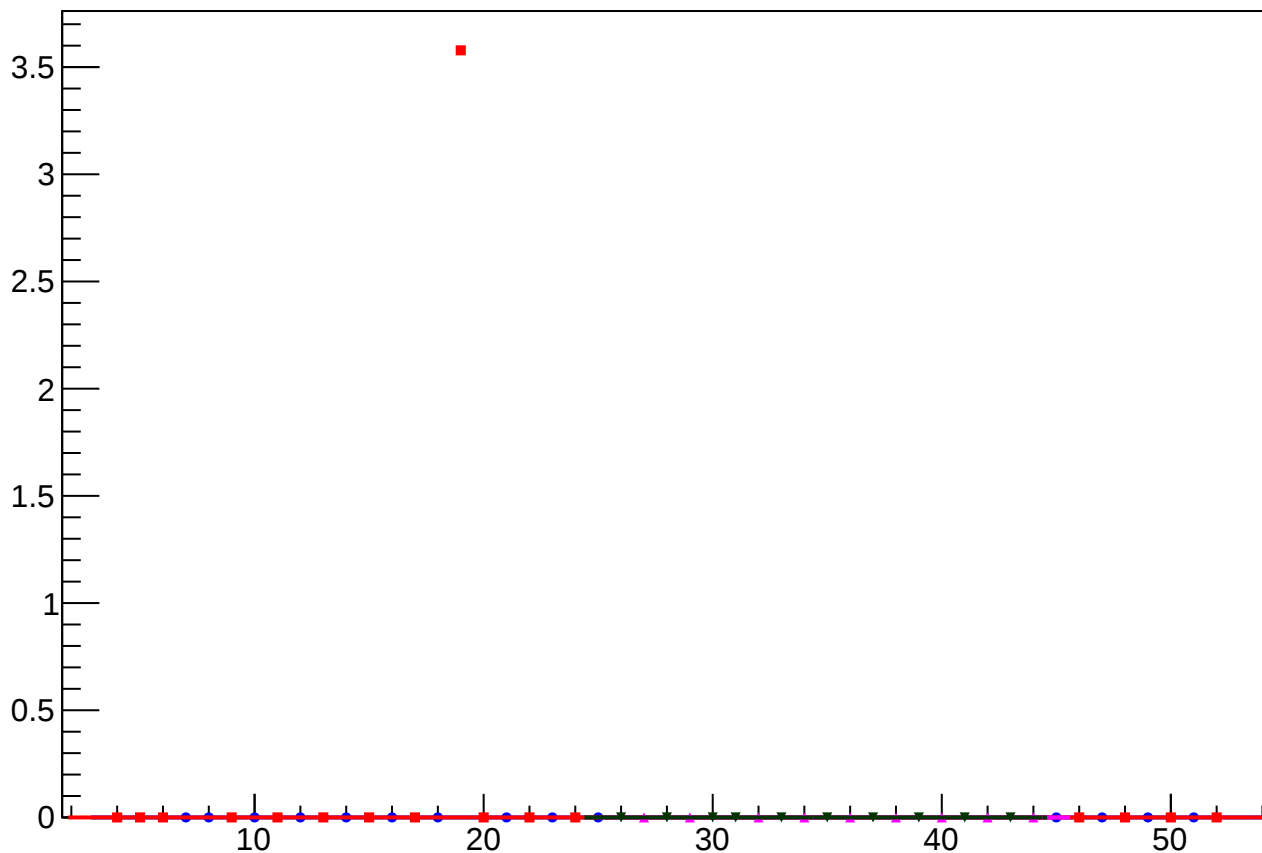
Right Out: 6.490+/-0.000 χ^2/NDF : 1843895935866755.0/15

Left In: 7.042+/-0.000 χ^2/NDF : 540646.4/8

6.231+/-0.000 χ^2/NDF : 4719813080548281.0/2

6.744+/-0.000 χ^2/NDF : 1879659917434271.8/2

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 3360.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :1535.6/9

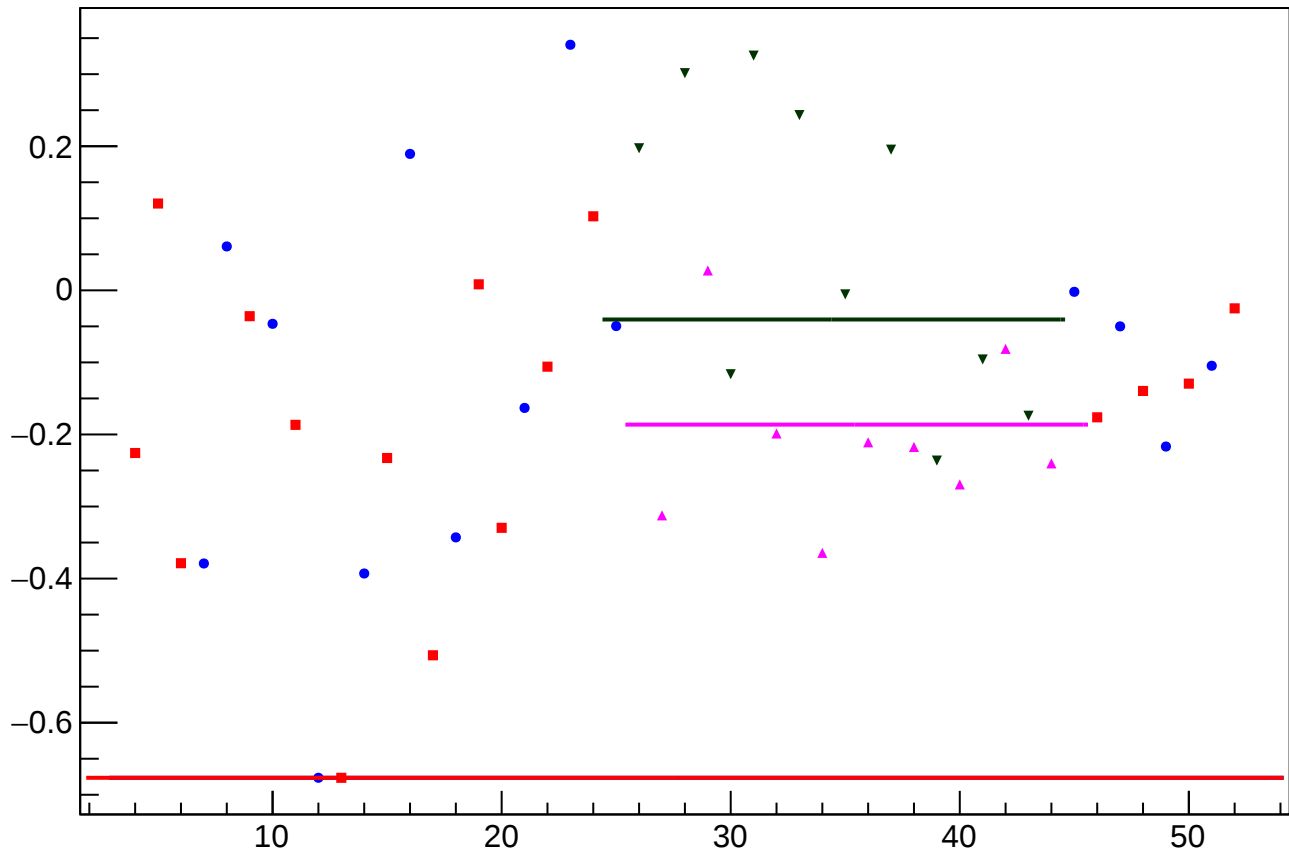
Right Out: 0.000+/-0.000 χ^2/NDF : 697041.0/15

Left In: 0.000+/-0.000 χ^2/NDF :1769.6/8

0.000+/-0.000 χ^2/NDF : 6221.3/23

0.000+/-0.000 χ^2/NDF : 702341.3/24

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 258515079.5/13

Left Out: -0.040+/-0.000 χ^2/NDF :16704113.3/9

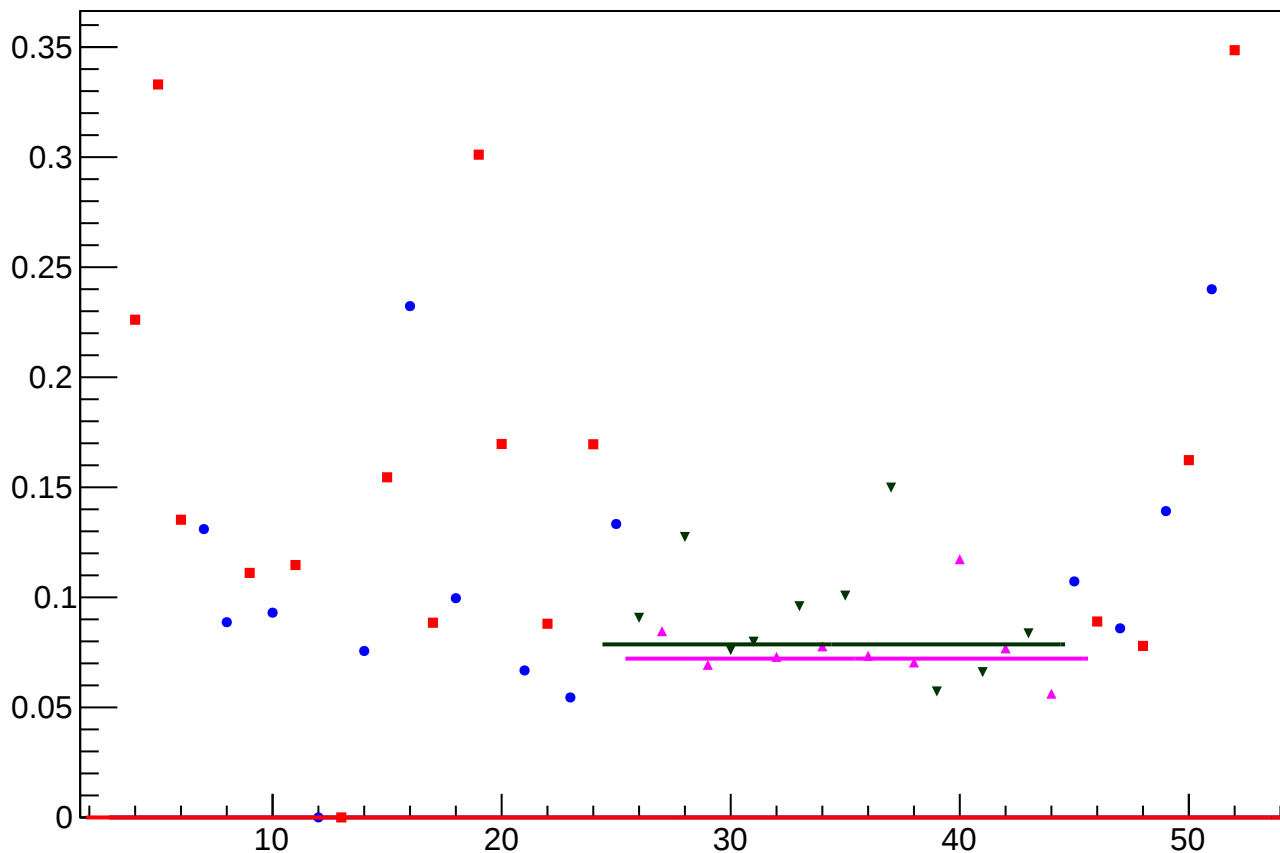
Right Out: -0.676+/-0.000 χ^2/NDF : 95375450.3/15

Left In: -0.186+/-0.000 χ^2/NDF :8365095.9/8

-0.676+/-0.000 χ^2/NDF : 463254549.7/23

-0.676+/-0.000 χ^2/NDF : 261222913.6/24

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11923858.4/13

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

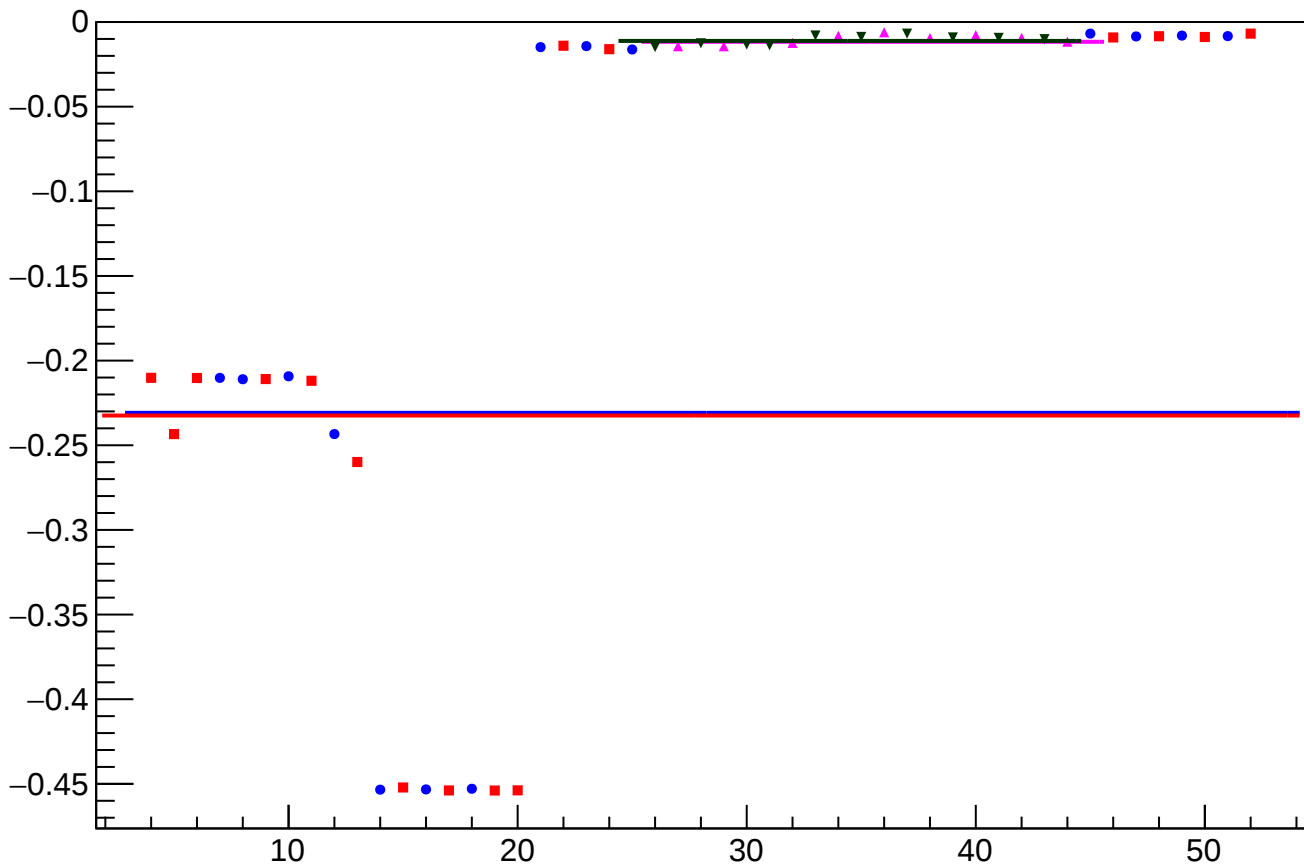
Right Out: 0.000+/-0.000 χ^2/NDF : 10964993.8/15

Left In: 0.072+/-0.000 χ^2/NDF : 192884.5/8

0.000+/-0.000 χ^2/NDF : 18123467.0/23

0.000+/-0.000 χ^2/NDF : 17983064.2/24

yield_bpm4aX_mean vs slug



Right In: -0.231+/-0.000 χ^2/NDF : 4759415218.8/13

Left Out: -0.011+/-0.000 χ^2/NDF : 401443.1/9

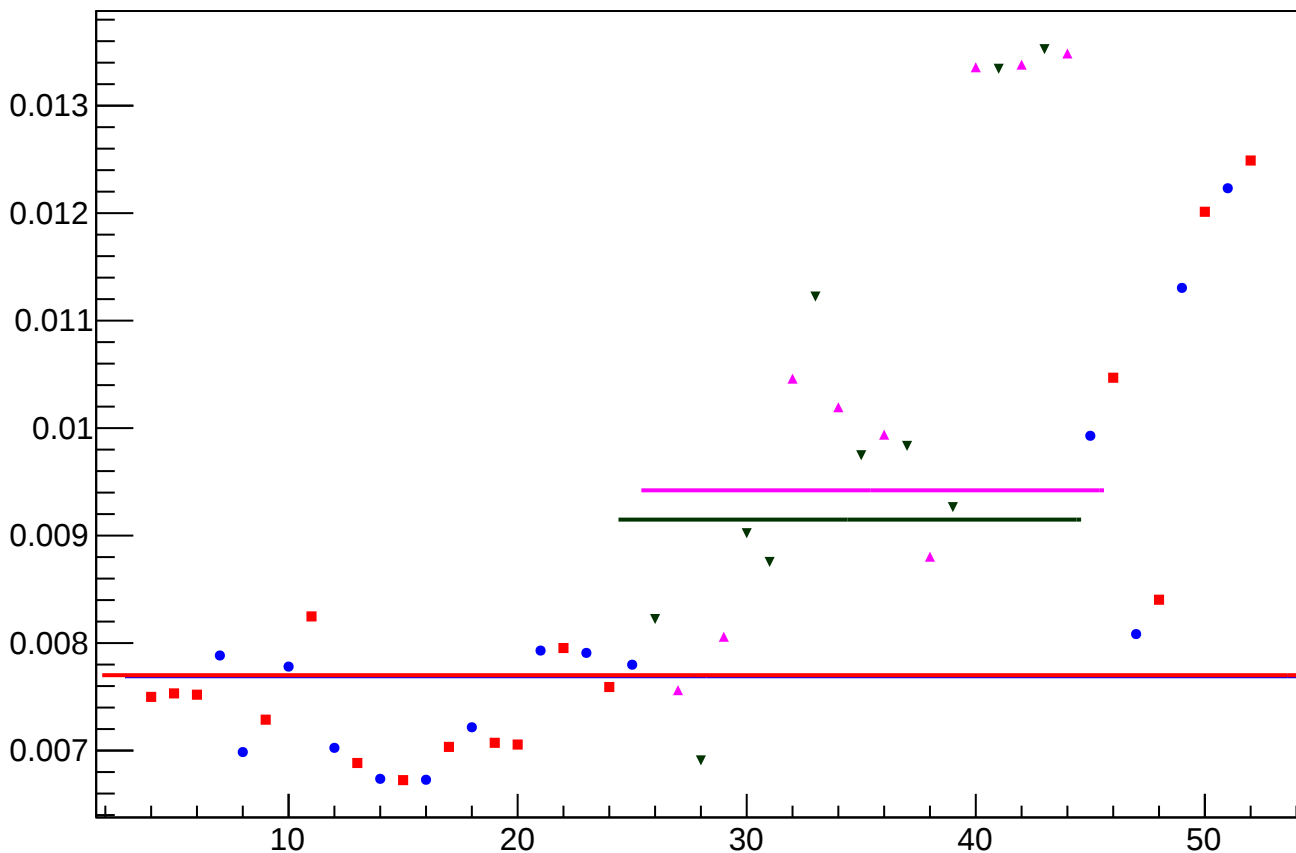
Right Out: -0.232+/-0.000 χ^2/NDF : 3644119482.0/15

Left In: -0.012+/-0.000 χ^2/NDF : 495469.4/8

-0.167+/-0.000 χ^2/NDF : 6810268159.7/23

-0.165+/-0.000 χ^2/NDF : 5676796321.9/24

yield_bpm4aX_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 472776.2/13

Left Out: 0.009+/-0.000 χ^2/NDF : 410320.9/9

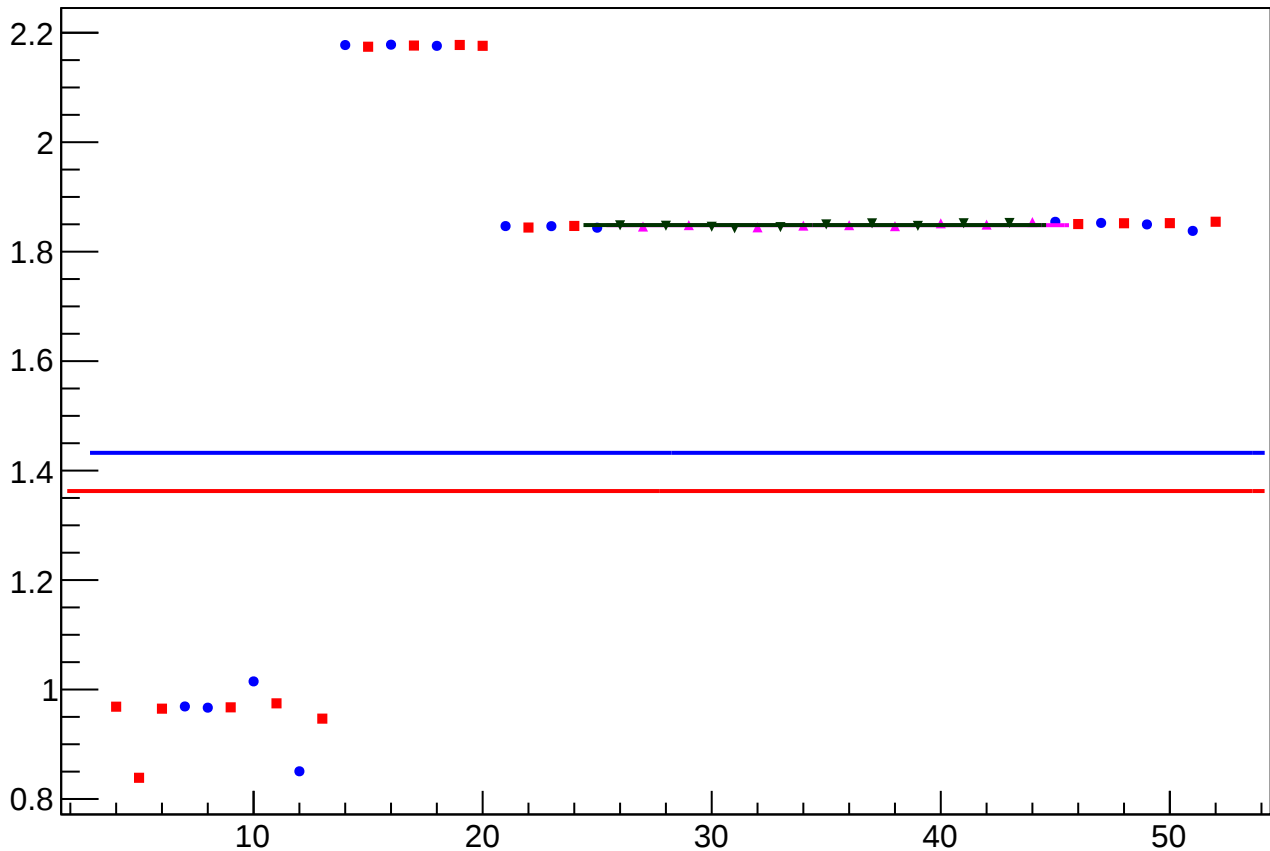
Right Out: 0.008+/-0.000 χ^2/NDF : 446426.0/15

Left In: 0.009+/-0.000 χ^2/NDF : 449025.1/8

0.008+/-0.000 χ^2/NDF : 1063576.4/23

0.008+/-0.000 χ^2/NDF : 1142196.9/24

yield_bpm4aY_mean vs slug



Right In: 1.432+/-0.000 χ^2/NDF : 14046773586.1/13

Left Out: 1.849+/-0.000 χ^2/NDF : 239961.3/9

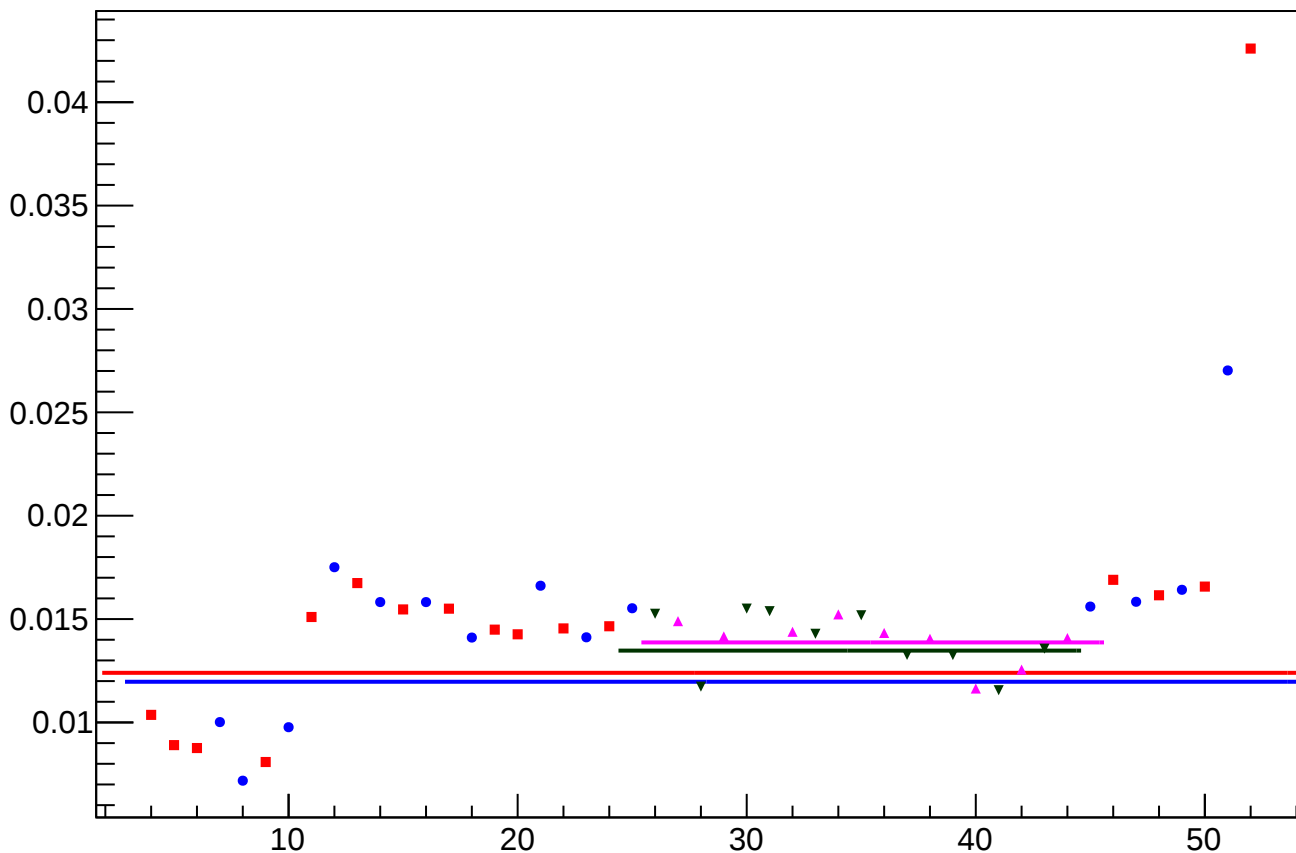
1.576+/-0.000 χ^2/NDF : 17192238613.5/23

Right Out: 1.363+/-0.000 χ^2/NDF : 12463386607.1/15

1.545+/-0.000 χ^2/NDF : 16647316250.9/24

Left In: 1.848+/-0.000 χ^2/NDF : 226687.9/8

yield_bpm4aY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 1856195.8/13

Left Out: 0.013+/-0.000 χ^2/NDF :115364.2/9

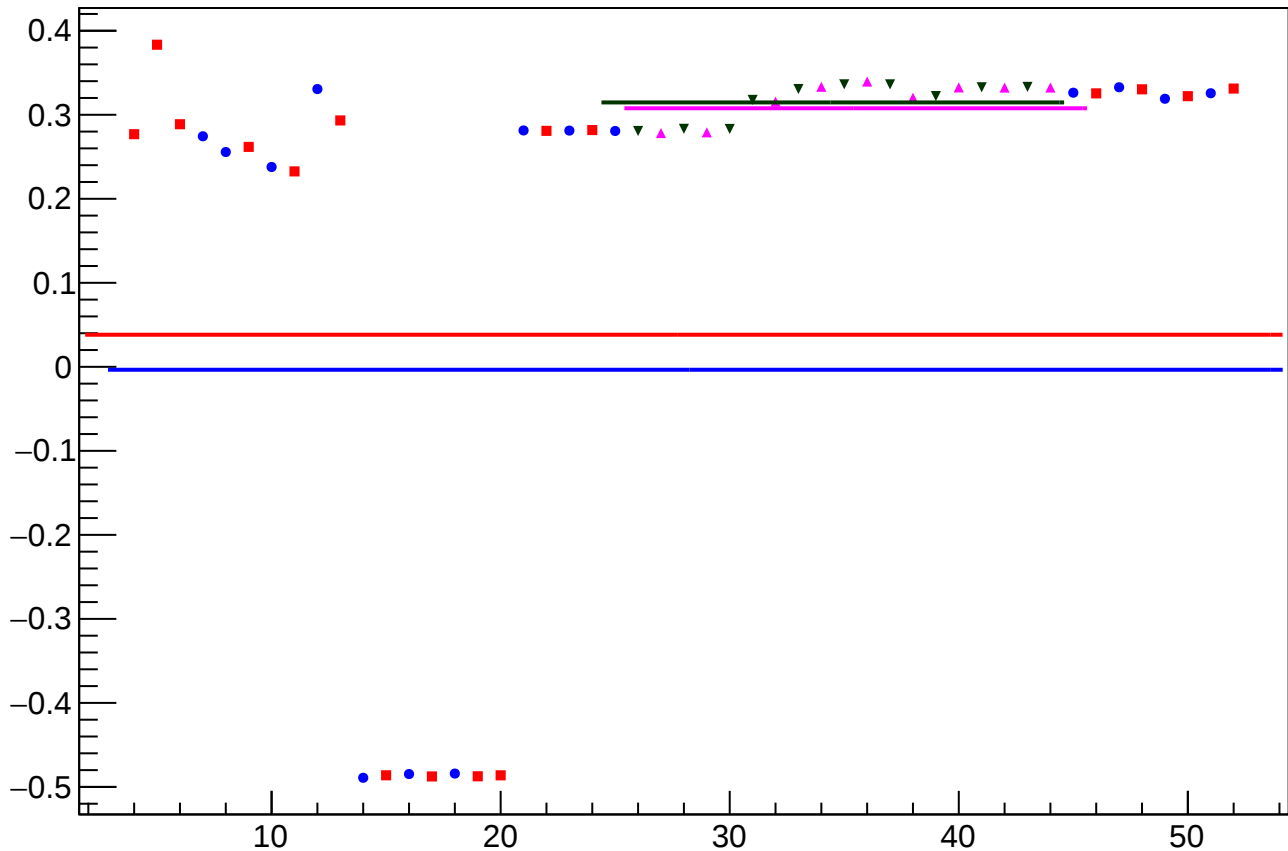
Right Out: 0.012+/-0.000 χ^2/NDF : 1644828.2/15

Left In: 0.014+/-0.000 χ^2/NDF :66613.9/8

0.012+/-0.000 χ^2/NDF : 2054026.9/23

0.013+/-0.000 χ^2/NDF : 1788128.7/24

yield_bpm4eX_mean vs slug



Right In: -0.003+/-0.000 χ^2/NDF : 3506873396.5/13

Left Out: 0.315+/-0.000 χ^2/NDF :5189197.9/9

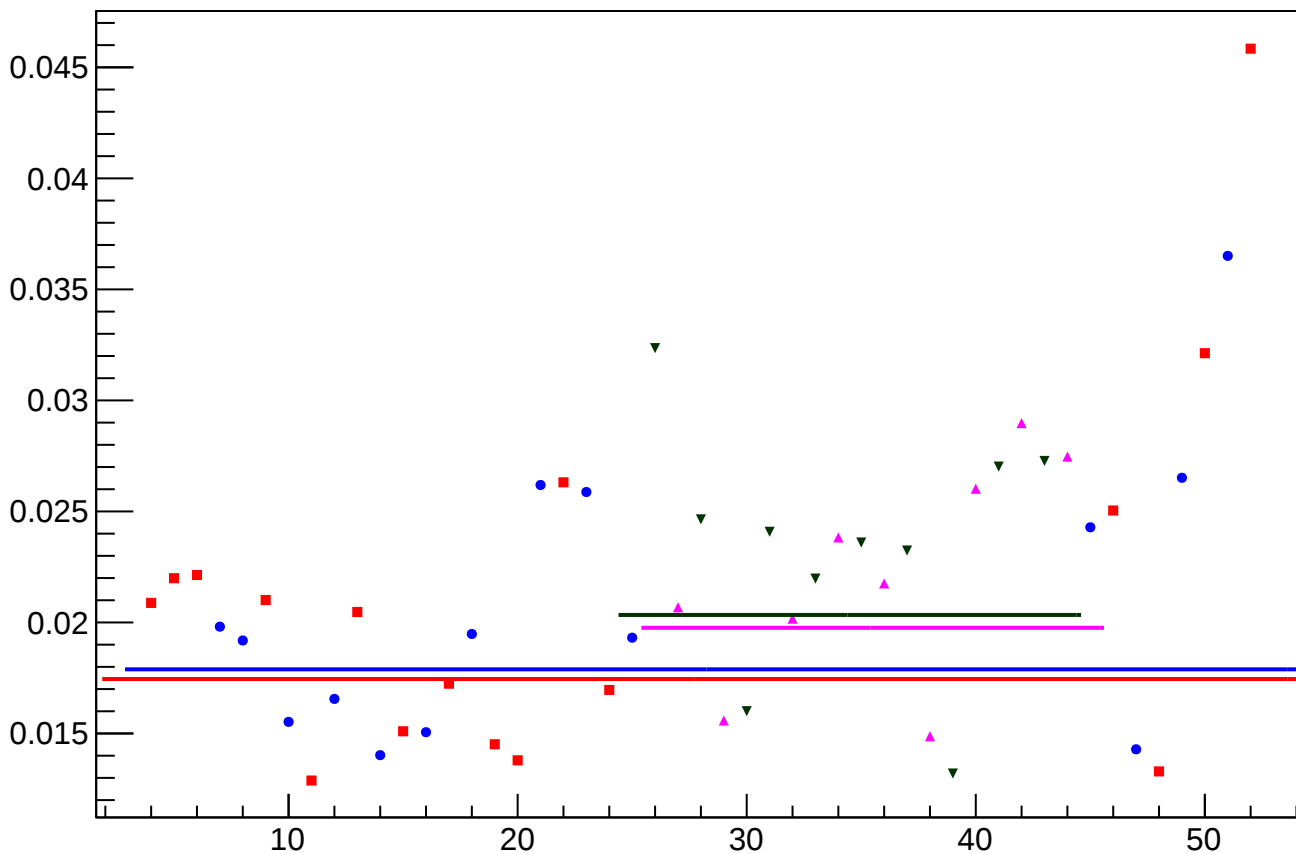
0.096+/-0.000 χ^2/NDF : 4296620540.6/23

Right Out: 0.038+/-0.000 χ^2/NDF : 3121248876.0/15

0.131+/-0.000 χ^2/NDF : 3737452323.6/24

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 : 1019310.7/13

Left Out: 0.020 ± 0.000 χ^2/NDF : 733336.7/9

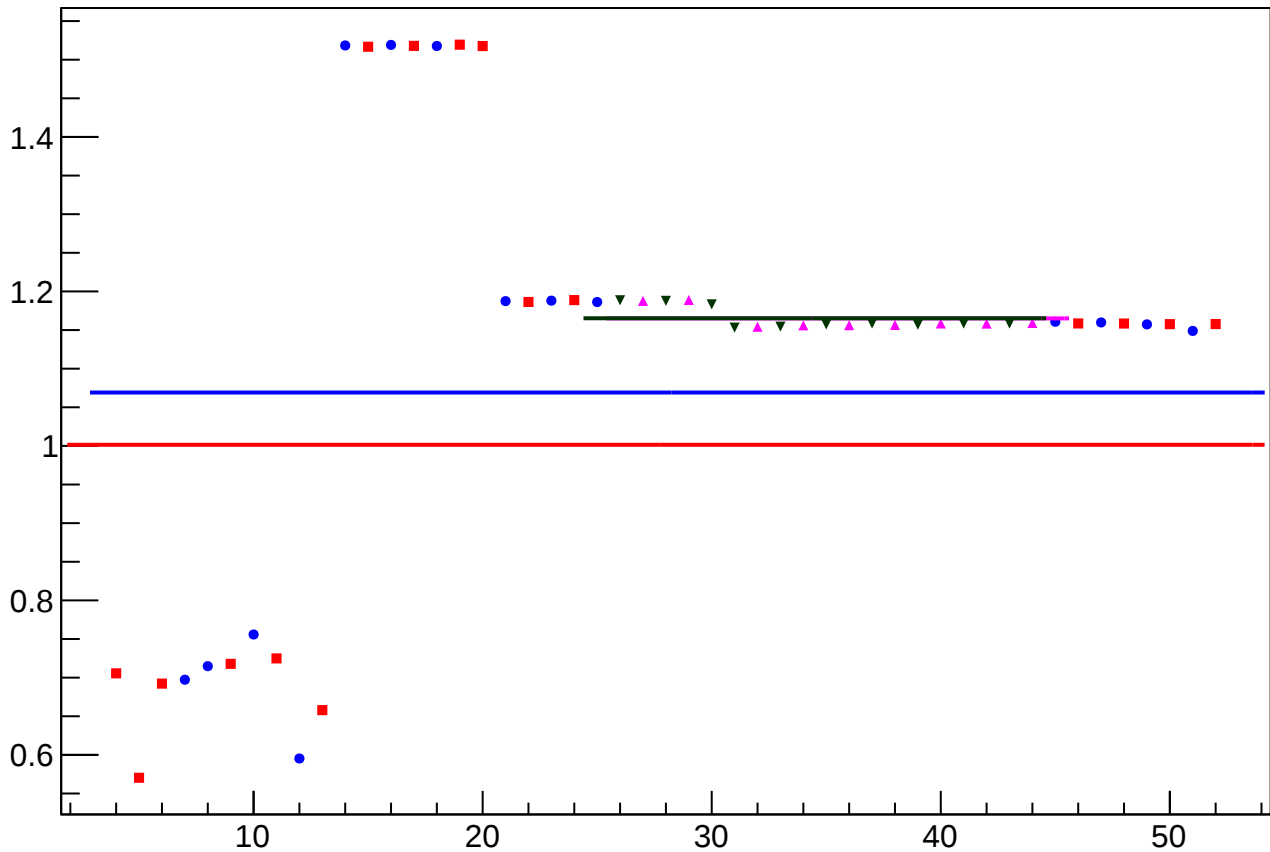
Right Out: 0.017 ± 0.000 χ^2/NDF : 1309959.5/15

Left In: 0.020 ± 0.000 χ^2/NDF : 482021.9/8

0.019 ± 0.000 χ^2/NDF : 1845622.1/23

0.018 ± 0.000 χ^2/NDF : 1881232.9/24

yield_bpm4eY_mean vs slug



Right In: 1.069+/-0.000 χ^2/NDF : 10443575485.2/13

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

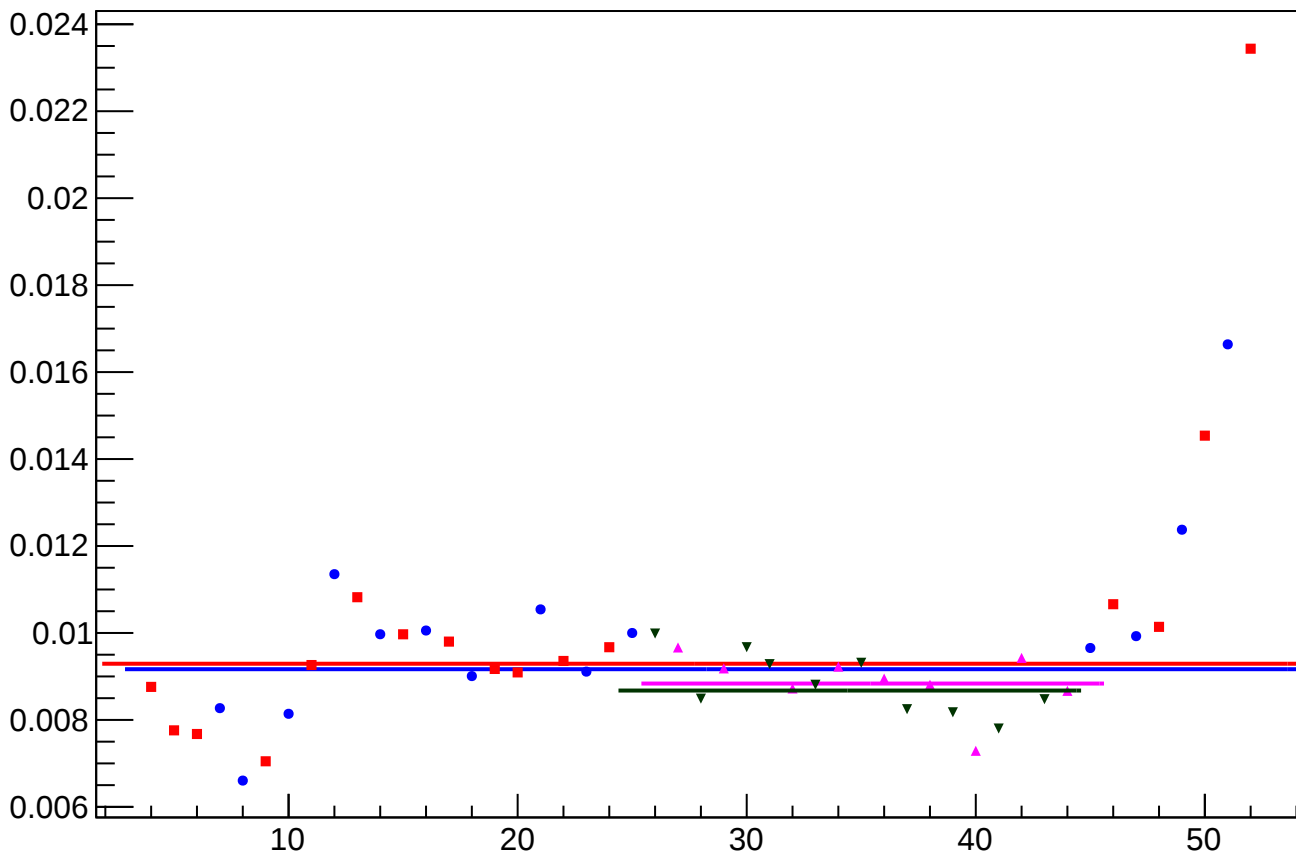
1.109+/-0.000 χ^2/NDF : 10823903759.4/23

Right Out: 1.001+/-0.000 χ^2/NDF : 10229903237.3/15

1.073+/-0.000 χ^2/NDF : 11283989212.7/24

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 : 664899.4/13

Left Out: 0.009+/-0.000 χ^2/NDF : 57413.1/9

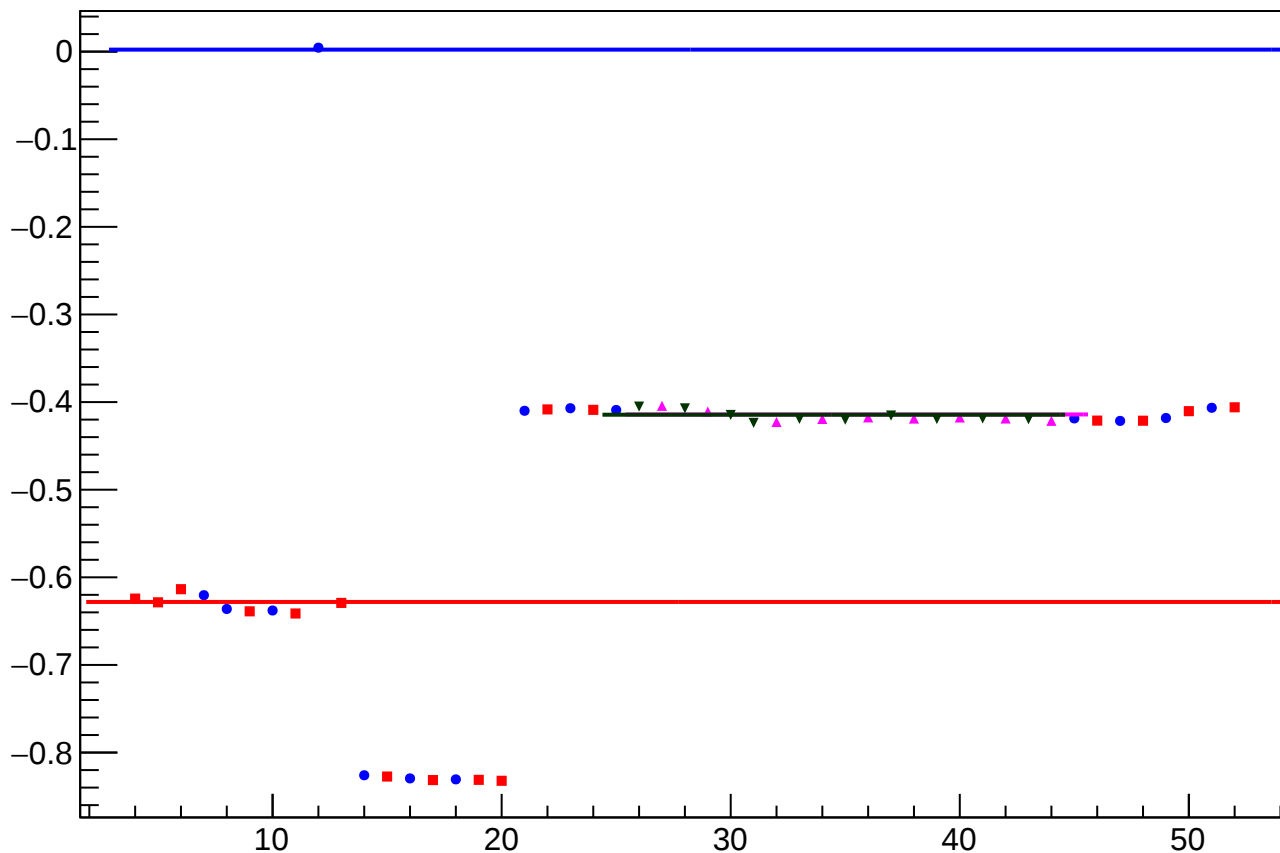
Right Out: 0.009+/-0.000 χ^2/NDF : 751911.6/15

Left In: 0.009+/-0.000 χ^2/NDF : 63755.7/8

0.009+/-0.000 χ^2/NDF : 741513.6/23

0.009+/-0.000 χ^2/NDF : 831820.2/24

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 56028863511.4/13

Left Out: -0.414+/-0.000 χ^2/NDF : 2260145.2/9

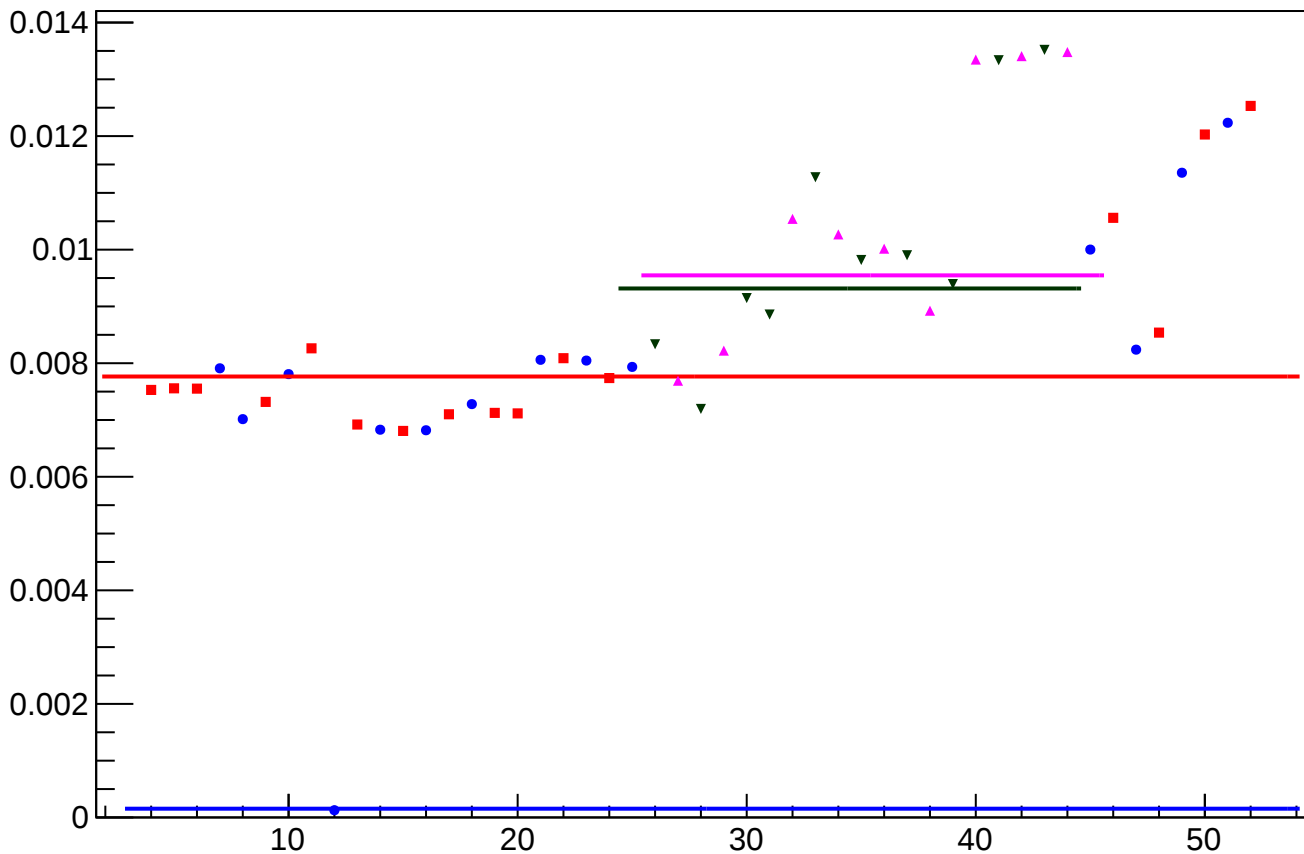
Right Out: -0.628+/-0.000 χ^2/NDF : 3164724285.5/15

Left In: -0.414+/-0.000 χ^2/NDF : 2651942.7/8

0.002+/-0.000 χ^2/NDF : 66136429990.3/23

-0.563+/-0.000 χ^2/NDF : 5036905701.9/24

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15885652.1/13

Left Out: 0.009+/-0.000 χ^2/NDF : 365508.7/9

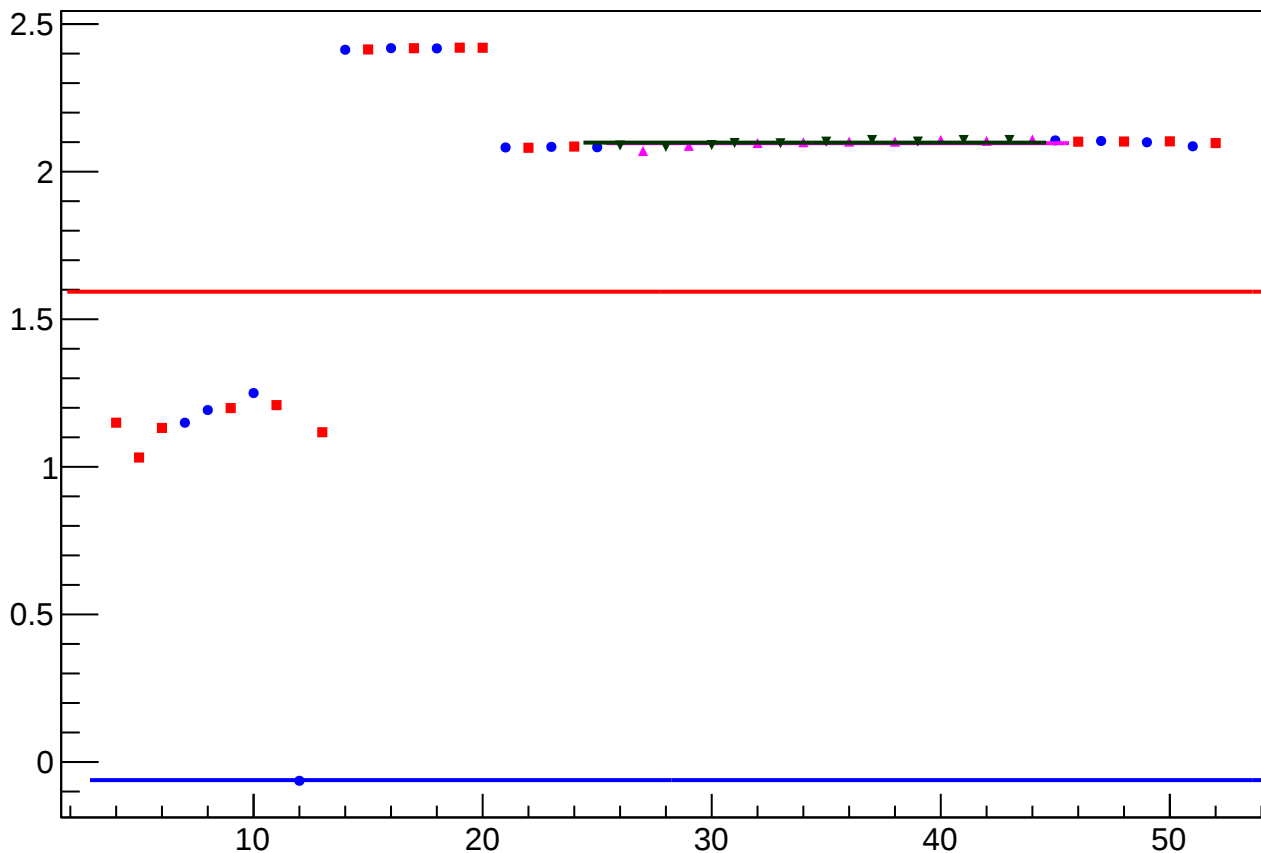
0.000+/-0.000 χ^2/NDF : 26022735.7/23

Right Out: 0.008+/-0.000 χ^2/NDF : 442426.0/15

0.008+/-0.000 χ^2/NDF : 1123396.6/24

Left In: 0.010+/-0.000 χ^2/NDF : 421826.7/8

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 164085459367.3/13

Left Out: 2.098+/-0.000 χ^2/NDF : 2018647.6/9

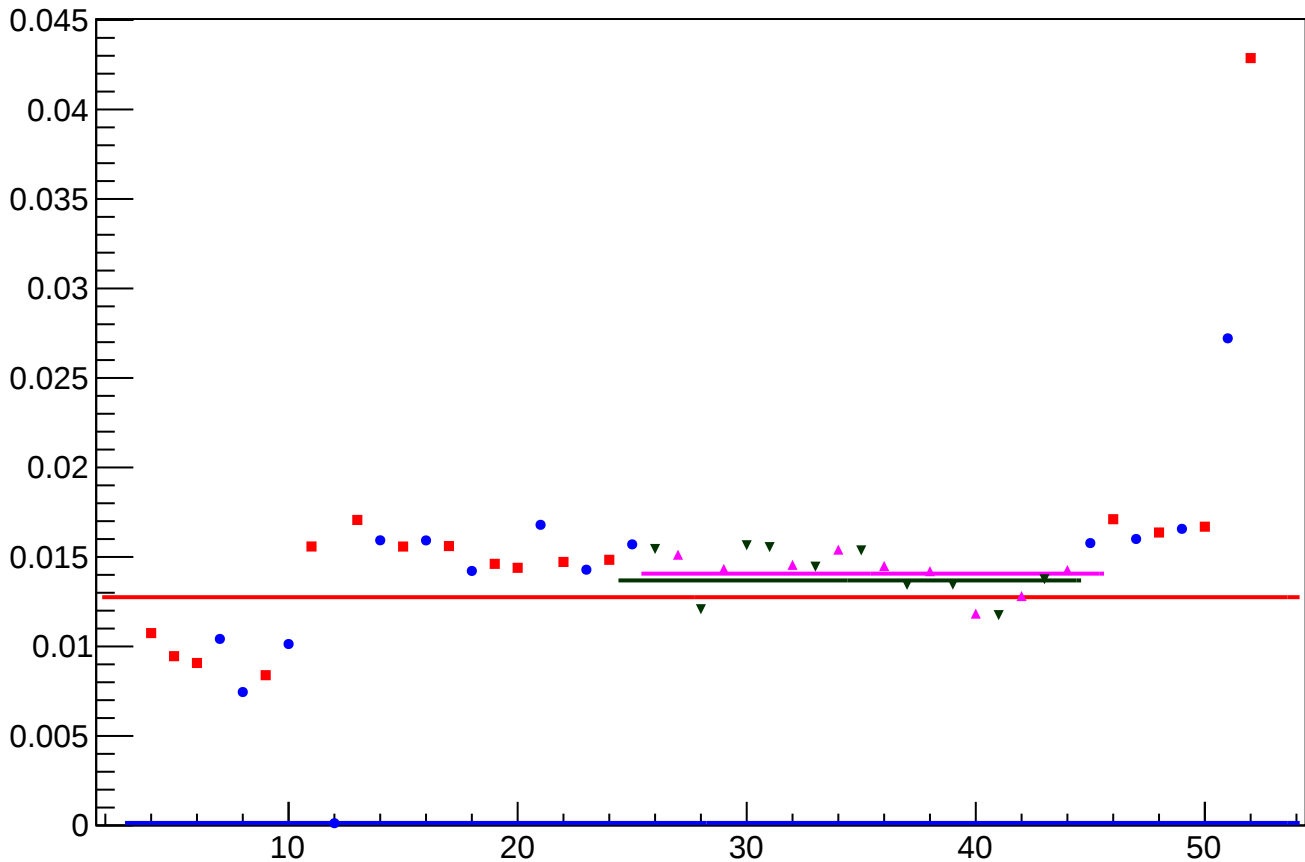
Right Out: 1.593+/-0.000 χ^2/NDF : 12968225101.7/15

Left In: 2.096+/-0.000 χ^2/NDF : 3992542.9/8

-0.060+/-0.000 χ^2/NDF : 289397035087.8/23

1.785+/-0.000 χ^2/NDF : 17294997151.0/24

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15464062.4/13

Left Out: 0.014+/-0.000 χ^2/NDF :106273.7/9

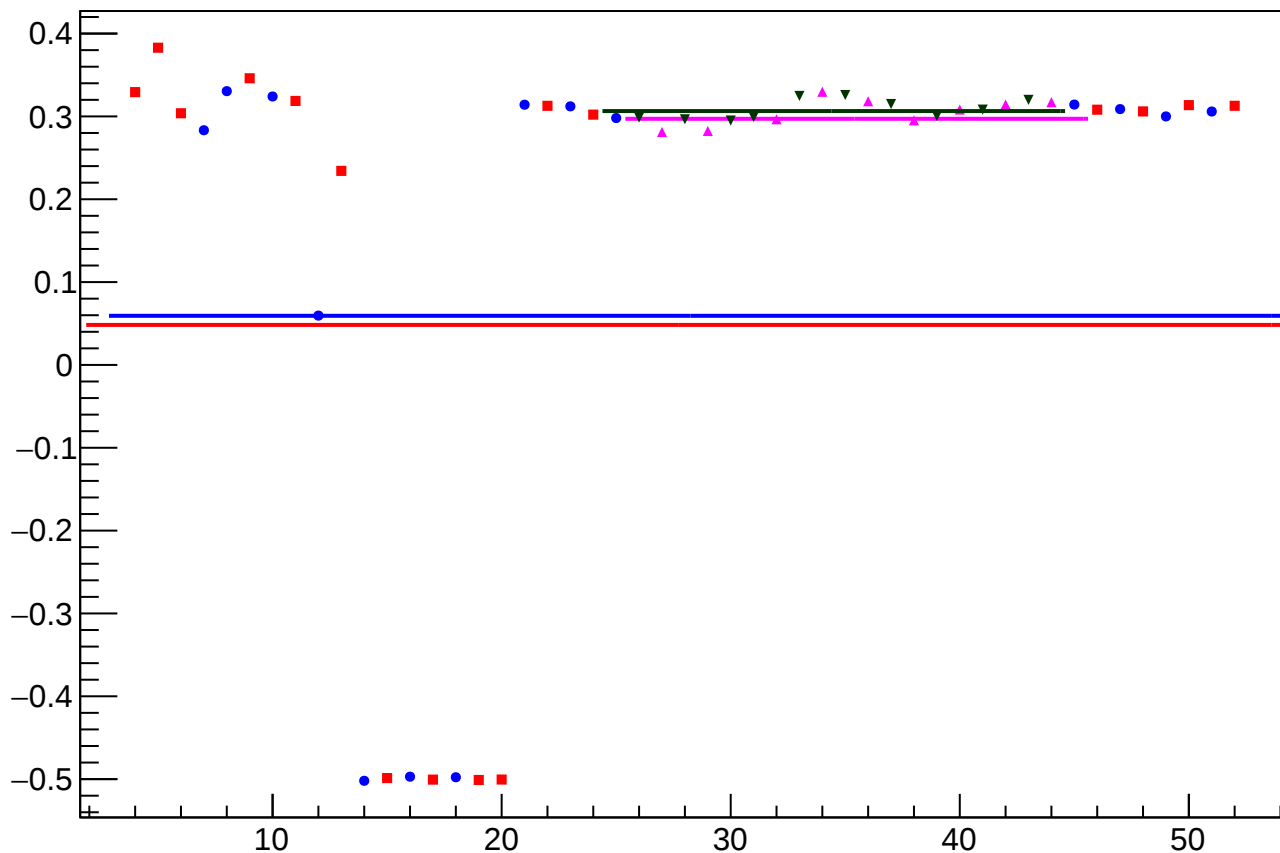
0.000+/-0.000 χ^2/NDF : 25432081.0/23

Right Out: 0.013+/-0.000 χ^2/NDF : 1543325.5/15

0.013+/-0.000 χ^2/NDF : 1665830.9/24

Left In: 0.014+/-0.000 χ^2/NDF :63357.4/8

yield_bpm4ecX_mean vs slug



Right In: 0.059 ± 0.000 χ^2/NDF : 3835193492.0/13

Left Out: 0.306 ± 0.000 χ^2/NDF : 1355327.7/9

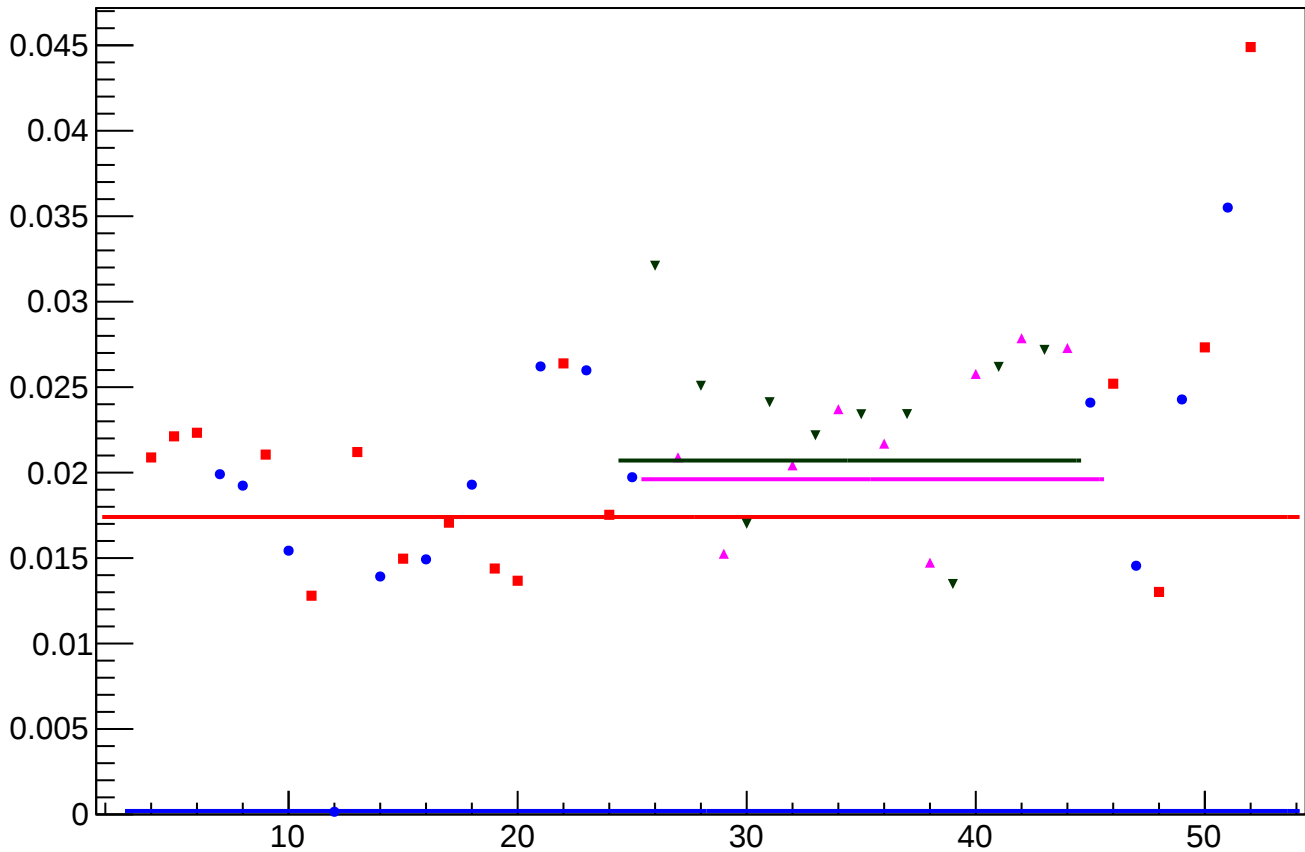
Right Out: 0.048 ± 0.000 χ^2/NDF : 3477411559.2/15

Left In: 0.297 ± 0.000 χ^2/NDF : 3115046.5/8

0.060 ± 0.000 χ^2/NDF : 4508638266.6/23

0.135 ± 0.000 χ^2/NDF : 4007411240.1/24

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15387552.4/13

Left Out: 0.021+/-0.000 χ^2/NDF : 655279.7/9

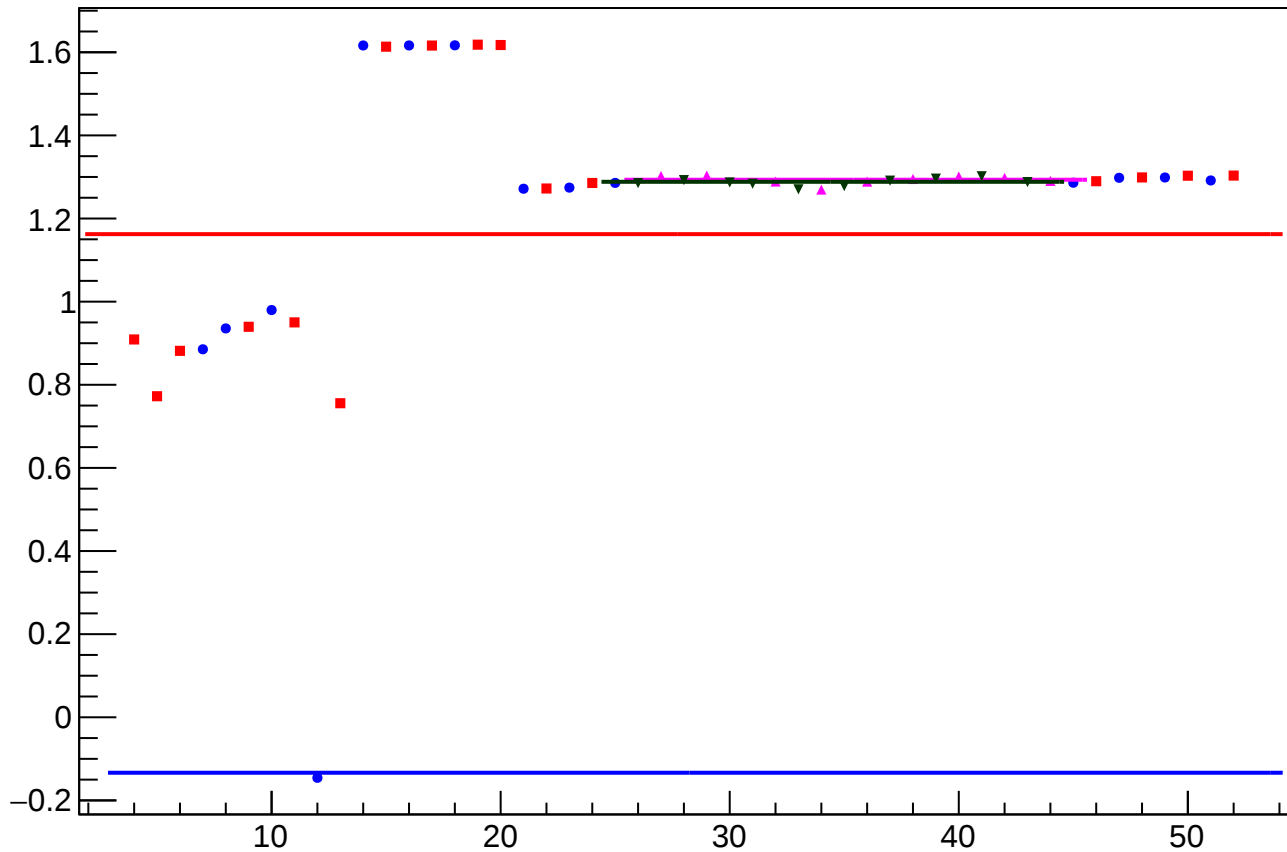
0.000+/-0.000 χ^2/NDF : 25293877.0/23

Right Out: 0.017+/-0.000 χ^2/NDF : 1283715.4/15

0.018+/-0.000 χ^2/NDF : 1860211.7/24

Left In: 0.020+/-0.000 χ^2/NDF : 493445.7/8

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 161734804279.8/13

Left Out: 1.288+/-0.000 χ^2/NDF :3982202.6/9

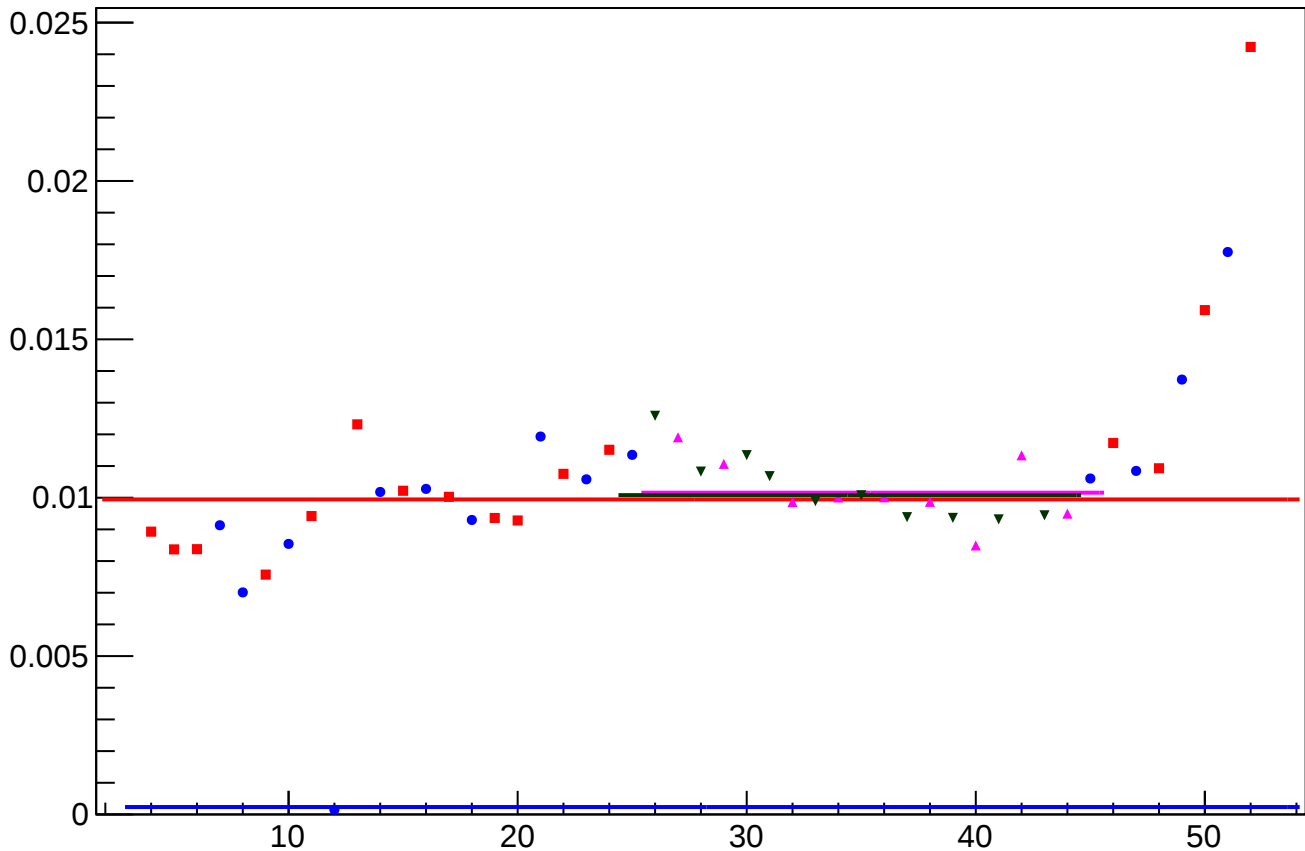
-0.126+/-0.000 χ^2/NDF : 262555746310.3/23

Right Out: 1.162+/-0.000 χ^2/NDF : 7222316550.3/15

1.215+/-0.000 χ^2/NDF : 7760538535.5/24

Left In: 1.293+/-0.000 χ^2/NDF :4686204.8/8

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15225409.8/13

Left Out: 0.010+/-0.000 χ^2/NDF : 82741.5/9

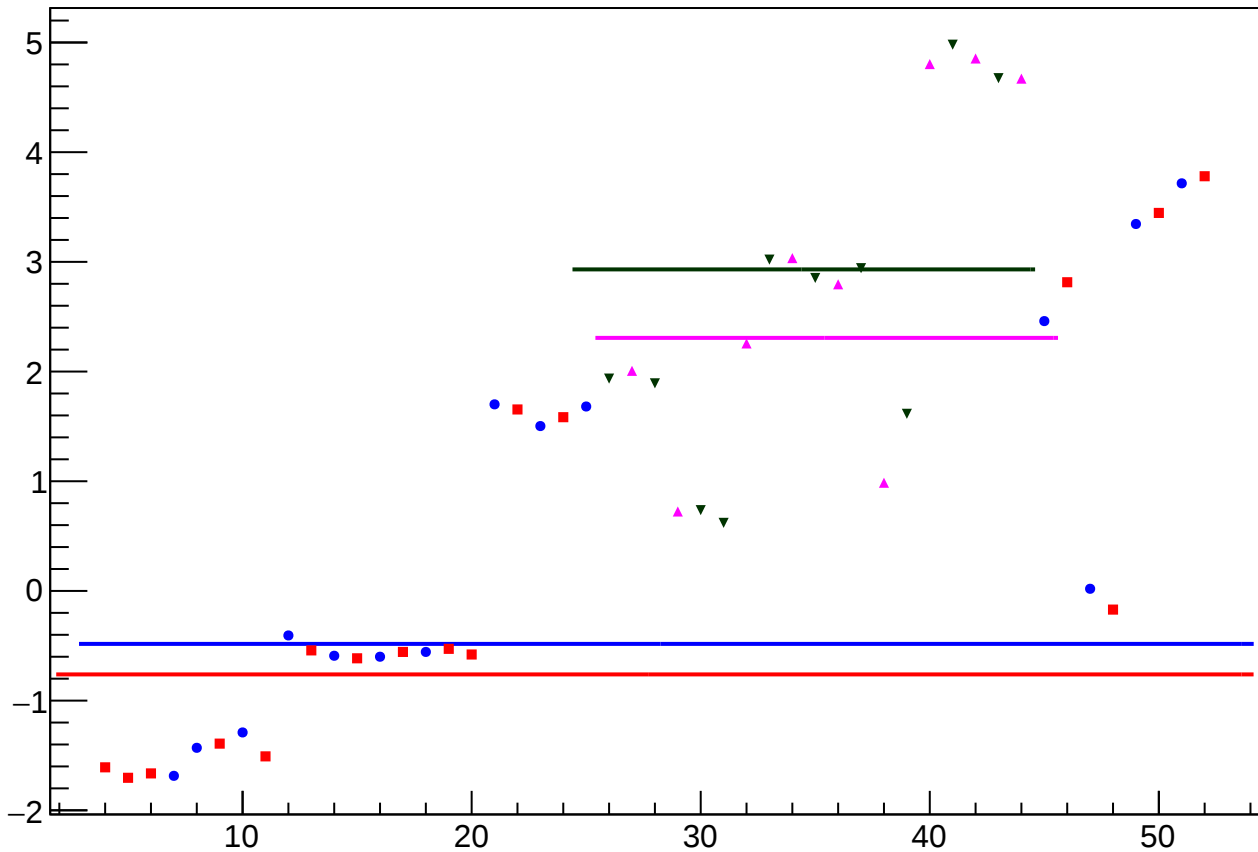
0.000+/-0.000 χ^2/NDF : 24980296.2/23

Right Out: 0.010+/-0.000 χ^2/NDF : 802006.5/15

0.010+/-0.000 χ^2/NDF : 905790.1/24

Left In: 0.010+/-0.000 χ^2/NDF : 100961.6/8

yield_bpm1X_mean vs slug



Right In: -0.483 ± 0.000 $\chi^2/\text{NDF}: 7212576278.3/13$

Left Out: 2.931 ± 0.000 $\chi^2/\text{NDF}: 696767729.4/9$

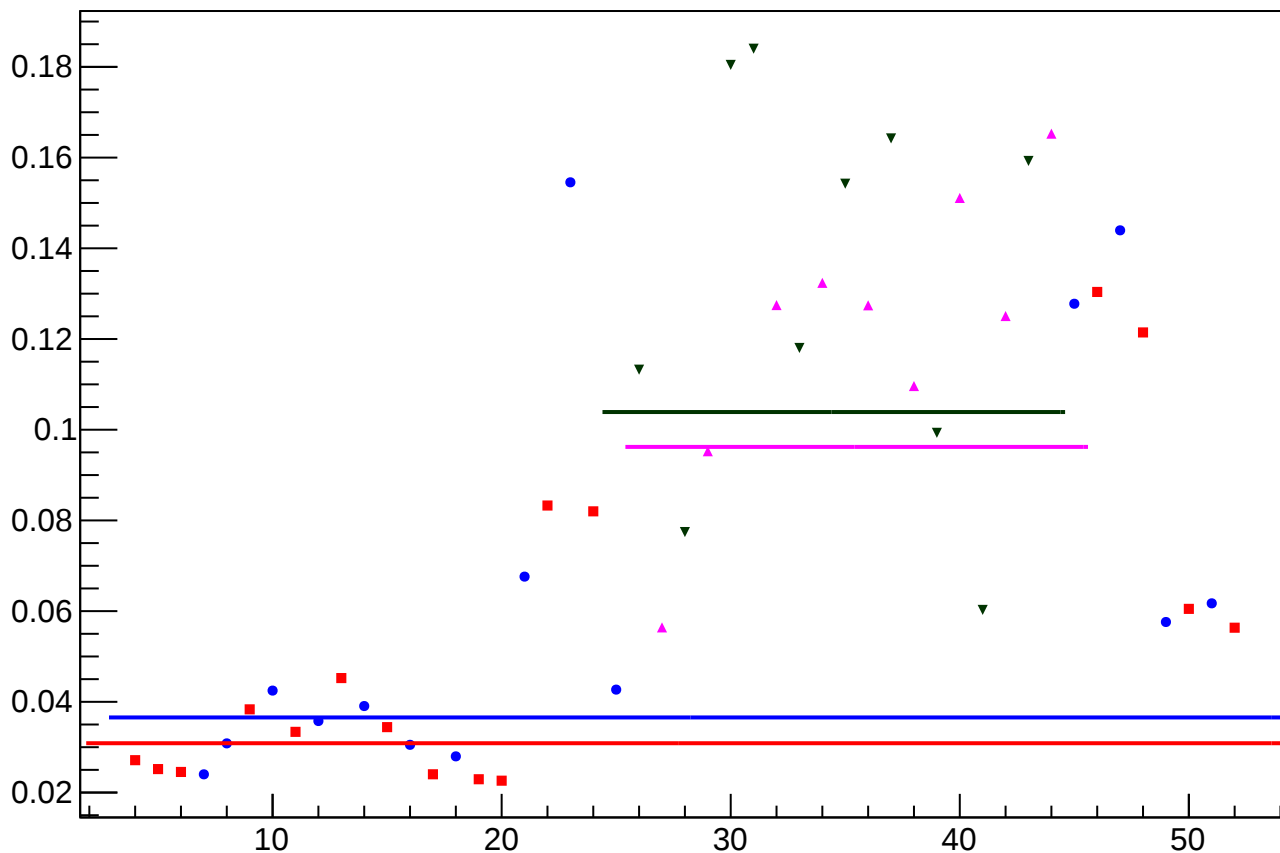
-0.236 ± 0.000 $\chi^2/\text{NDF}: 11444081550.8/23$

Right Out: -0.761 ± 0.000 $\chi^2/\text{NDF}: 7642996021.3/15$

-0.552 ± 0.000 $\chi^2/\text{NDF}: 11927079243.0/24$

Left In: 2.307 ± 0.000 $\chi^2/\text{NDF}: 637059338.1/8$

yield_bpm1X_rms vs slug



Right In: 0.037+/-0.000 χ^2/NDF : 2418826.6/13

Left Out: 0.104+/-0.000 χ^2/NDF :1068598.5/9

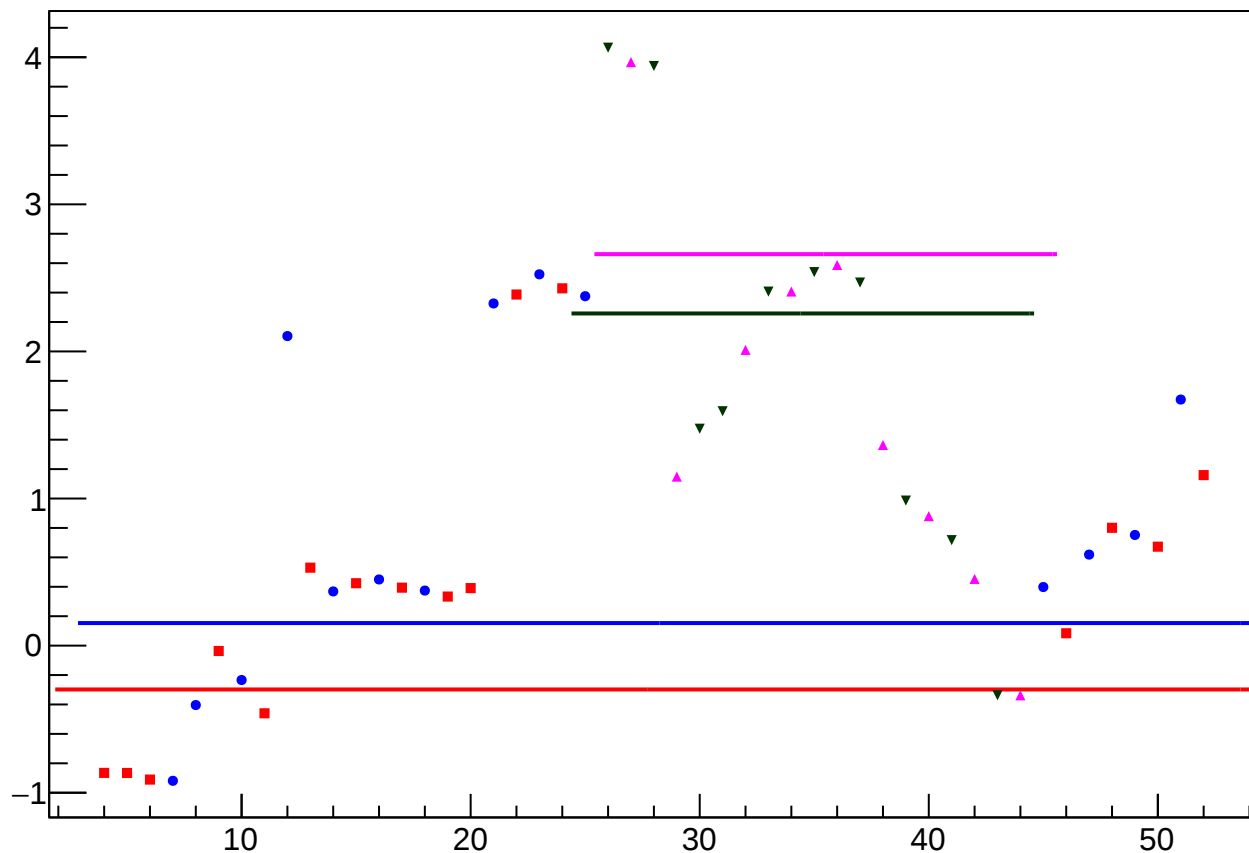
Right Out: 0.031+/-0.000 χ^2/NDF : 2255675.5/15

Left In: 0.096+/-0.000 χ^2/NDF :1062303.0/8

0.041+/-0.000 χ^2/NDF : 6237725.8/23

0.035+/-0.000 χ^2/NDF : 6625890.9/24

yield_bpm1Y_mean vs slug



Right In: 0.153 ± 0.000 χ^2/NDF : 8649248488.3/13

Left Out: 2.258 ± 0.000 χ^2/NDF : 1464188140.1/9

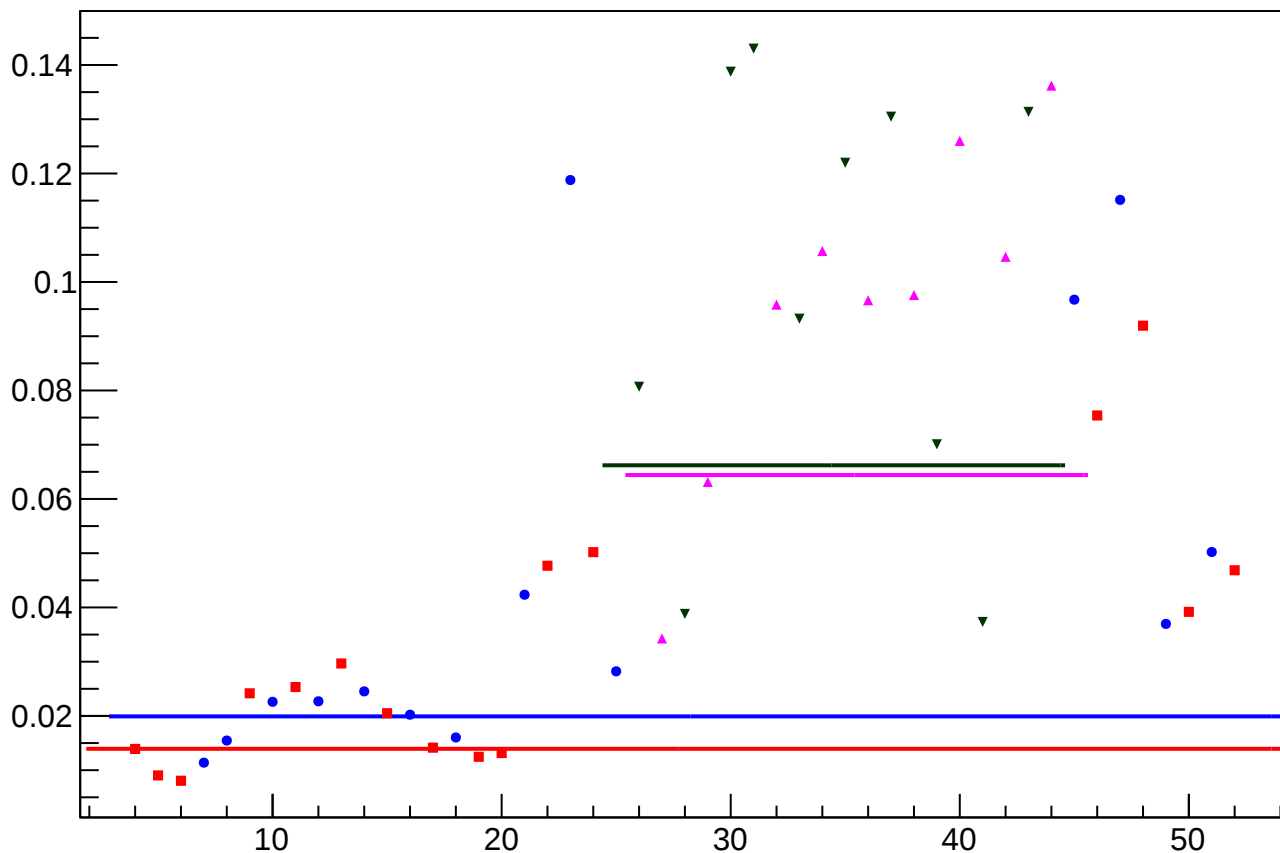
Right Out: -0.298 ± 0.000 χ^2/NDF : 10032851409.0/15

Left In: 2.661 ± 0.000 χ^2/NDF : 1577506308.7/8

0.268 ± 0.000 χ^2/NDF : 12919520040.0/23

-0.190 ± 0.000 χ^2/NDF : 18460673287.5/24

yield_bpm1Y_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 3136915.6/13

Left Out: 0.066+/-0.000 χ^2/NDF :1777792.9/9

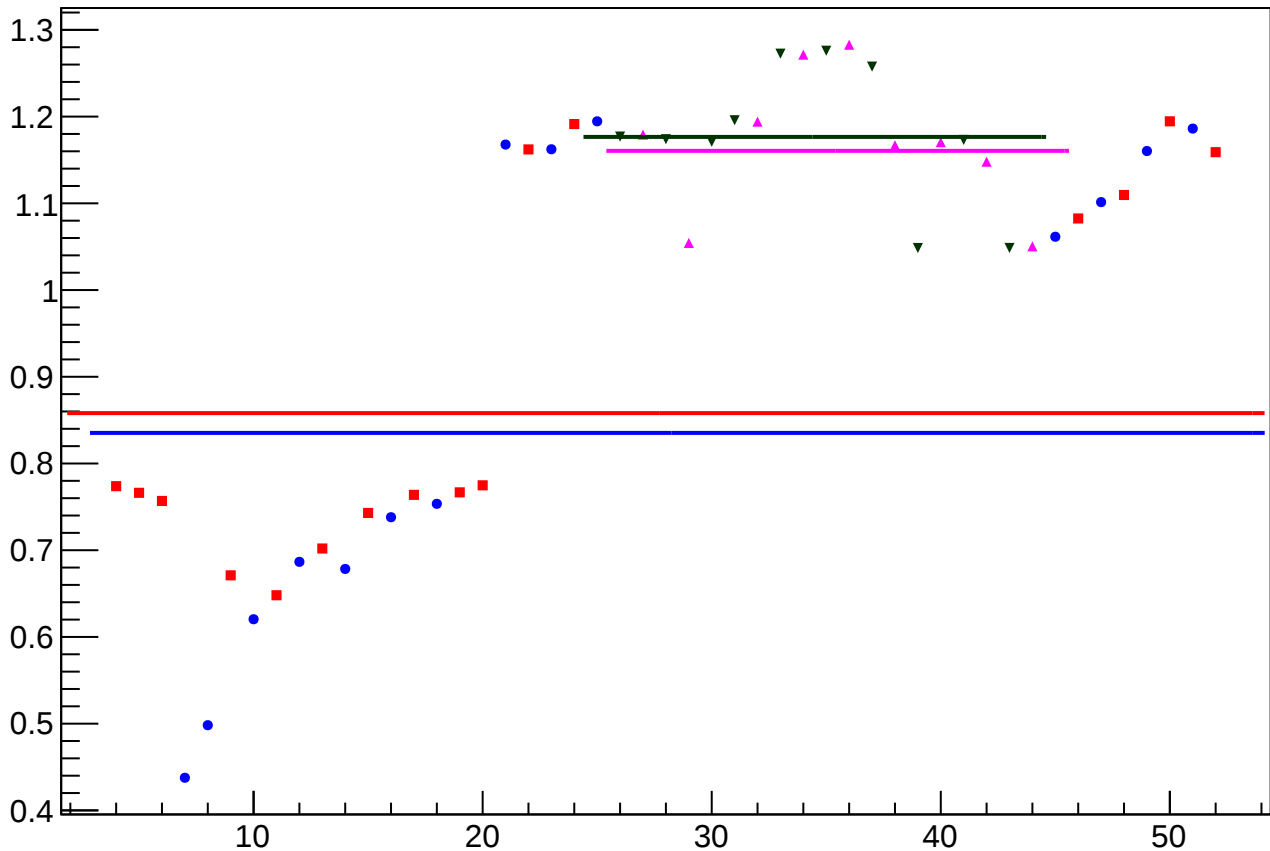
Right Out: 0.014+/-0.000 χ^2/NDF : 3577245.6/15

Left In: 0.064+/-0.000 χ^2/NDF :1800340.3/8

0.022+/-0.000 χ^2/NDF : 7629202.9/23

0.016+/-0.000 χ^2/NDF : 9362756.8/24

yield_bpm11X_mean vs slug



Right In: 0.835+/-0.000 χ^2/NDF : 1281550791.1/13

Left Out: 1.177+/-0.000 χ^2/NDF : 56492661.1/9

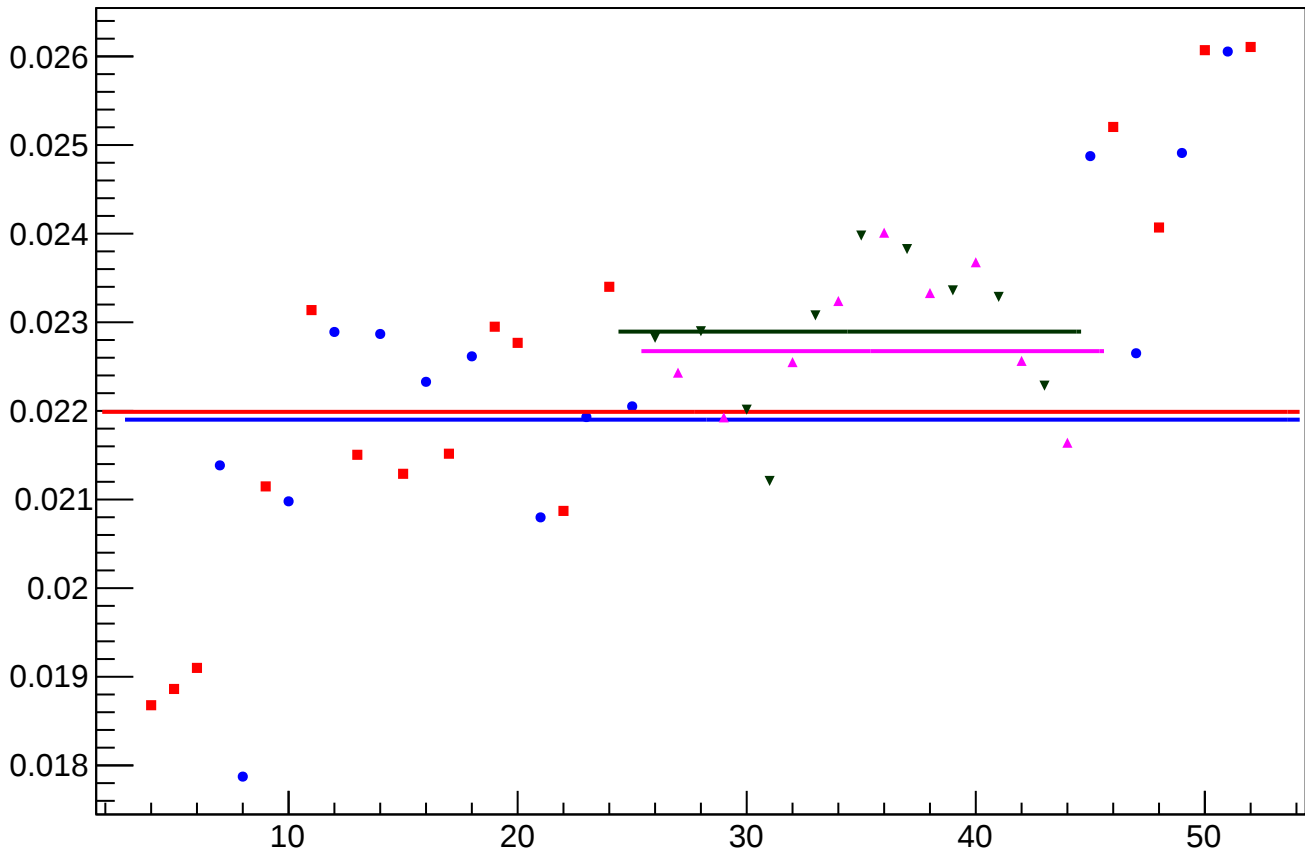
0.957+/-0.000 χ^2/NDF : 2075991703.2/23

Right Out: 0.858+/-0.000 χ^2/NDF : 679552339.9/15

0.976+/-0.000 χ^2/NDF : 1329551840.7/24

Left In: 1.161+/-0.000 χ^2/NDF : 58009580.0/8

yield_bpm11X_rms vs slug



Right In: 0.022 $\pm$ 0.000 χ^2/NDF : 170081.9/13

Left Out: 0.023 $\pm$ 0.000 χ^2/NDF :11436.5/9

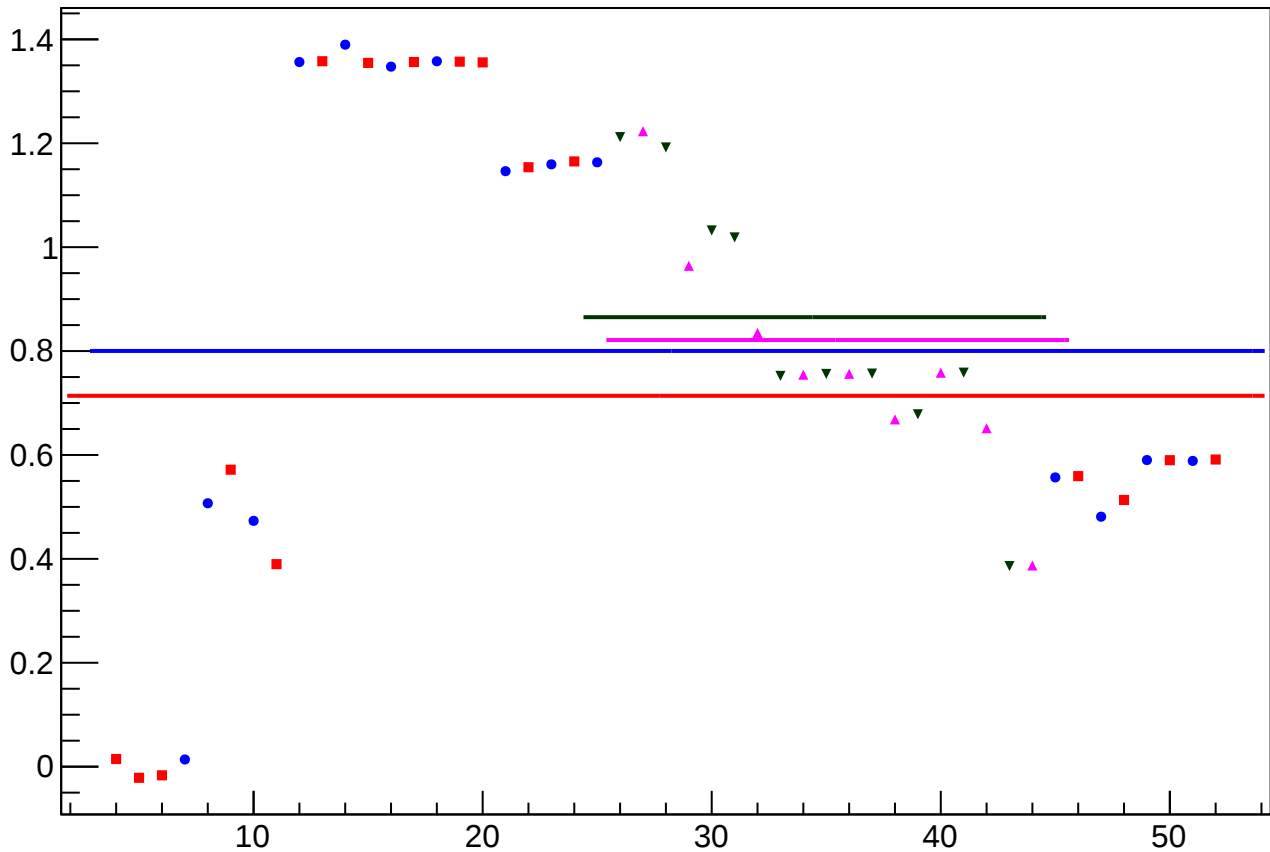
Right Out: 0.022 $\pm$ 0.000 χ^2/NDF : 143666.8/15

Left In: 0.023 $\pm$ 0.000 χ^2/NDF :10426.9/8

0.022 $\pm$ 0.000 χ^2/NDF : 194024.0/23

0.022 $\pm$ 0.000 χ^2/NDF : 160166.7/24

yield_bpm11Y_mean vs slug



Right In: 0.800 $\pm$ 0.000 χ^2 /NDF: 113543991149.1/13

Left Out: 0.865 $\pm$ 0.000 χ^2 /NDF:19769026573.0/9

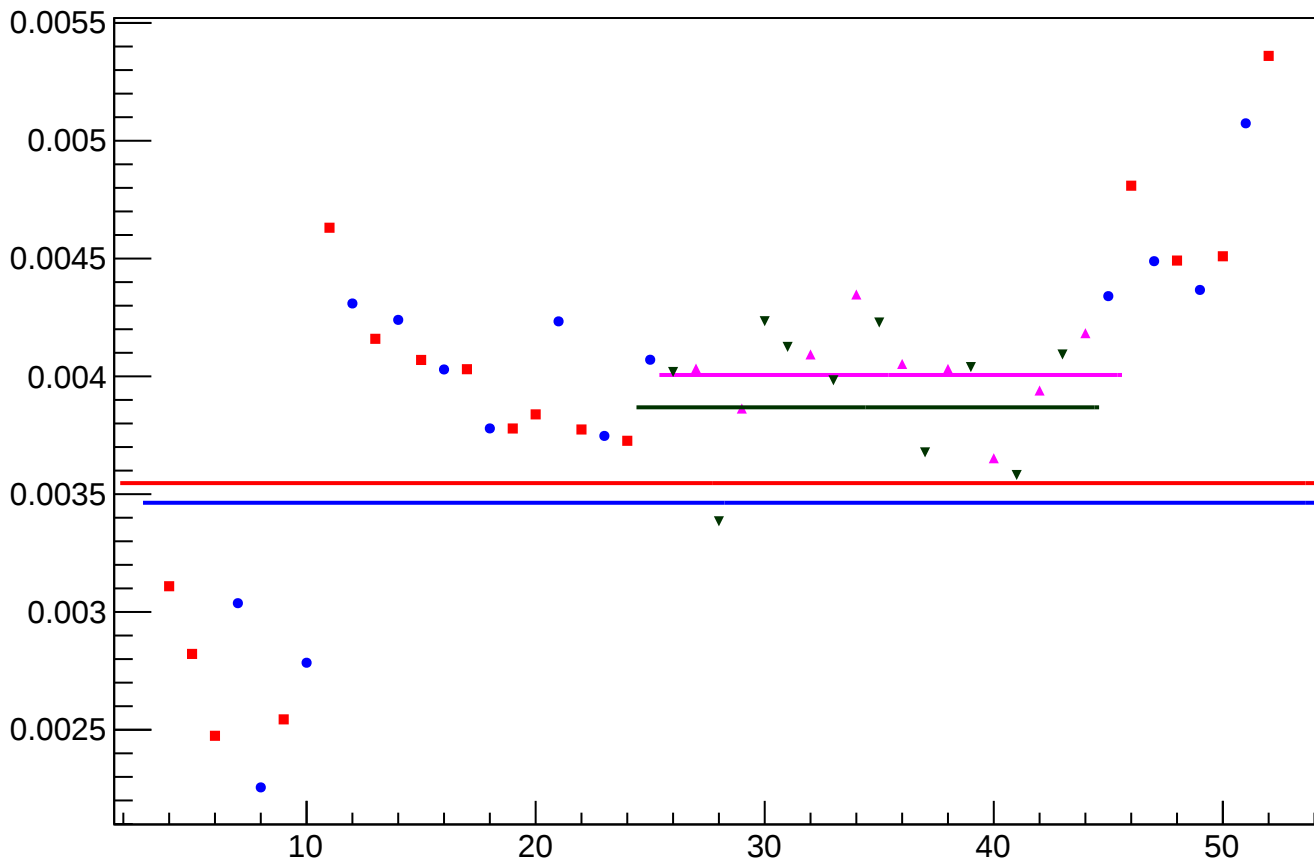
0.822 $\pm$ 0.000 χ^2 /NDF: 134260188604.2/23

Right Out: 0.714 $\pm$ 0.000 χ^2 /NDF: 165594716472.1/15

0.752 $\pm$ 0.000 χ^2 /NDF: 185047465920.2/24

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 : 1069506.2/13

Left Out: 0.004+/-0.000 χ^2/NDF :59617.0/9

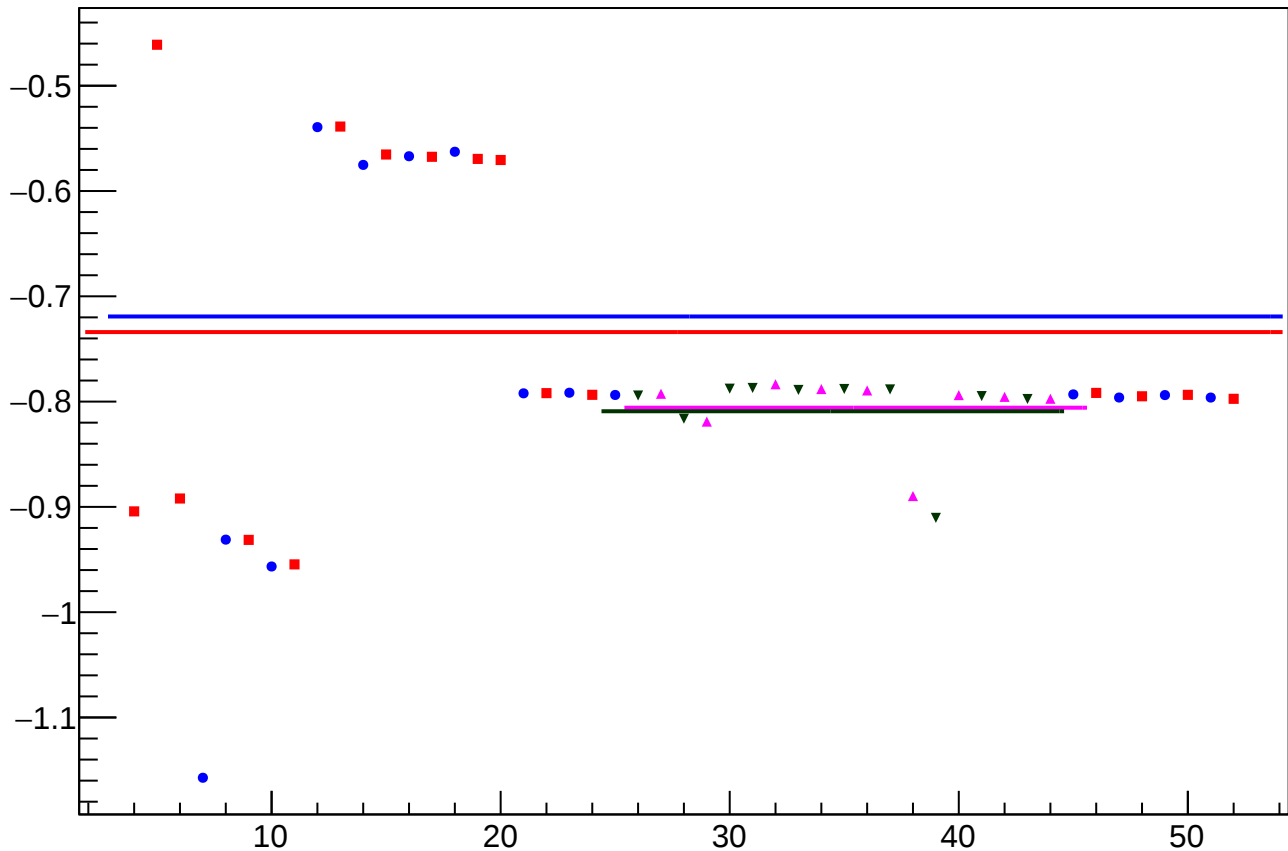
Right Out: 0.004+/-0.000 χ^2/NDF : 892337.3/15

Left In: 0.004+/-0.000 χ^2/NDF :20484.3/8

0.004+/-0.000 χ^2/NDF : 1202687.5/23

0.004+/-0.000 χ^2/NDF : 1005020.2/24

yield_bpm12X_mean vs slug



Right In: -0.719+/-0.000 χ^2/NDF : 2185372153.3/13

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

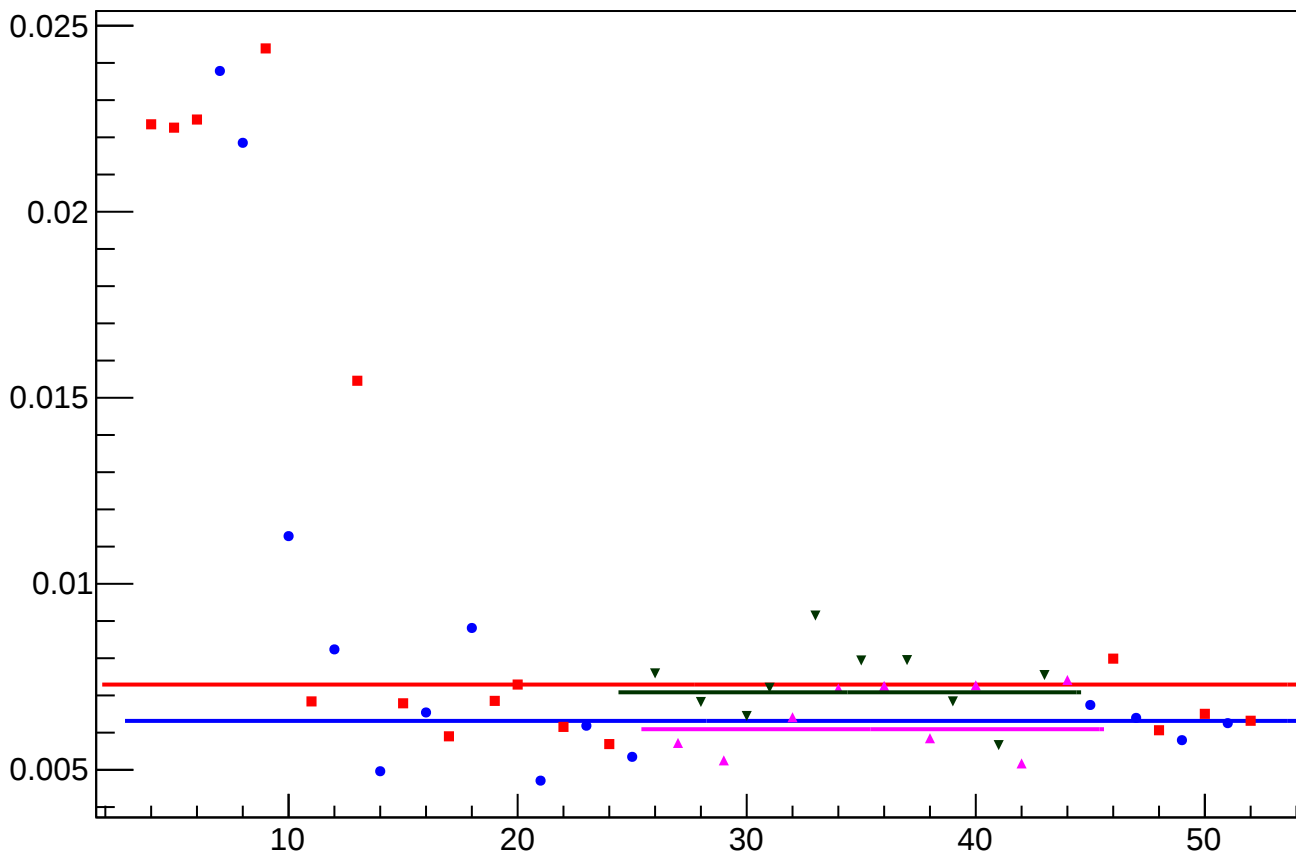
-0.750+/-0.000 χ^2/NDF : 2720414724.3/23

Right Out: -0.734+/-0.000 χ^2/NDF : 1886651431.7/15

-0.770+/-0.000 χ^2/NDF : 2256799678.7/24

Left In: -0.806+/-0.000 χ^2/NDF : 95429738.5/8

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 1846241.4/13

Left Out: 0.007+/-0.000 χ^2/NDF :128168.7/9

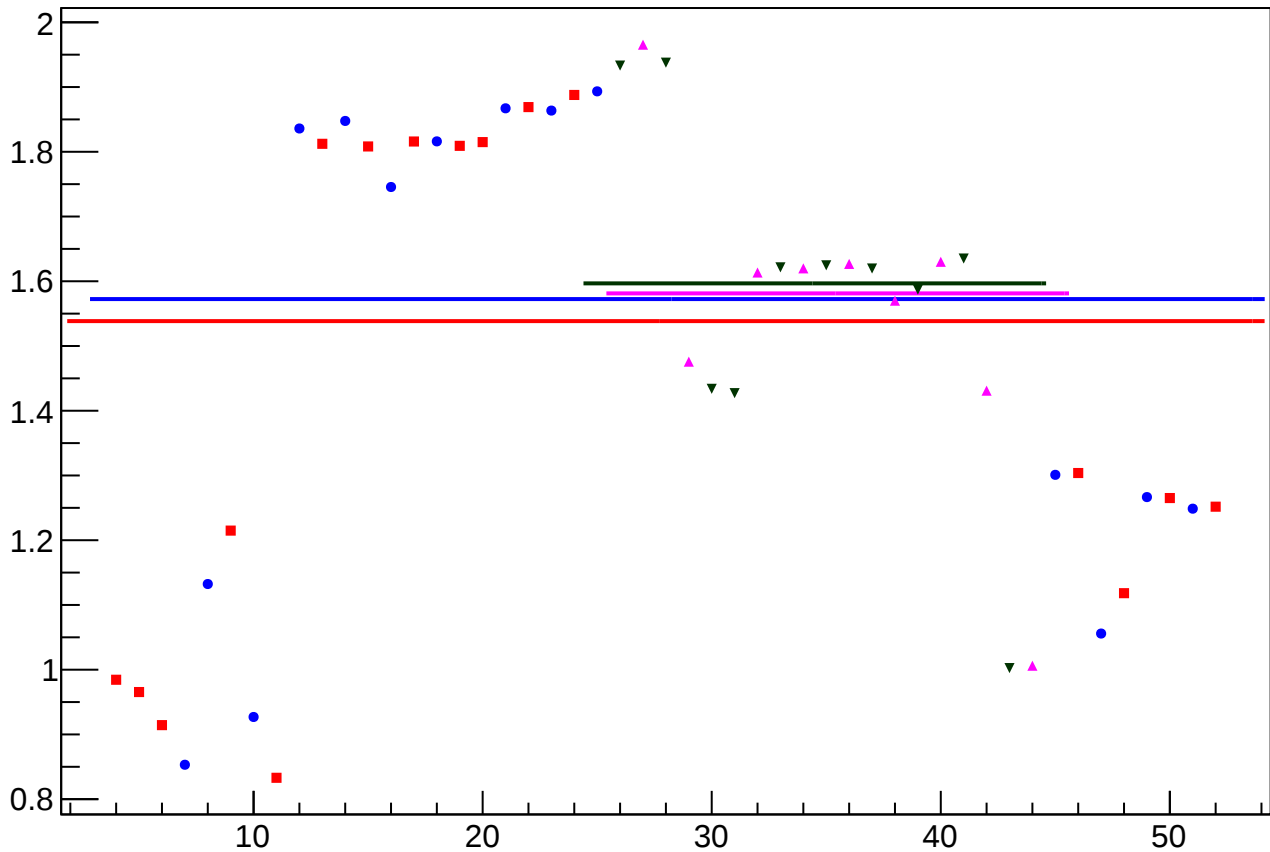
Right Out: 0.007+/-0.000 χ^2/NDF : 2368609.2/15

Left In: 0.006+/-0.000 χ^2/NDF :142266.3/8

0.007+/-0.000 χ^2/NDF : 2035042.2/23

0.007+/-0.000 χ^2/NDF : 2664249.4/24

yield_bpm12Y_mean vs slug



Right In: 1.572 $\pm$ 0.000 χ^2 /NDF: 19876580236.1/13

Left Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 6672070685.1/9

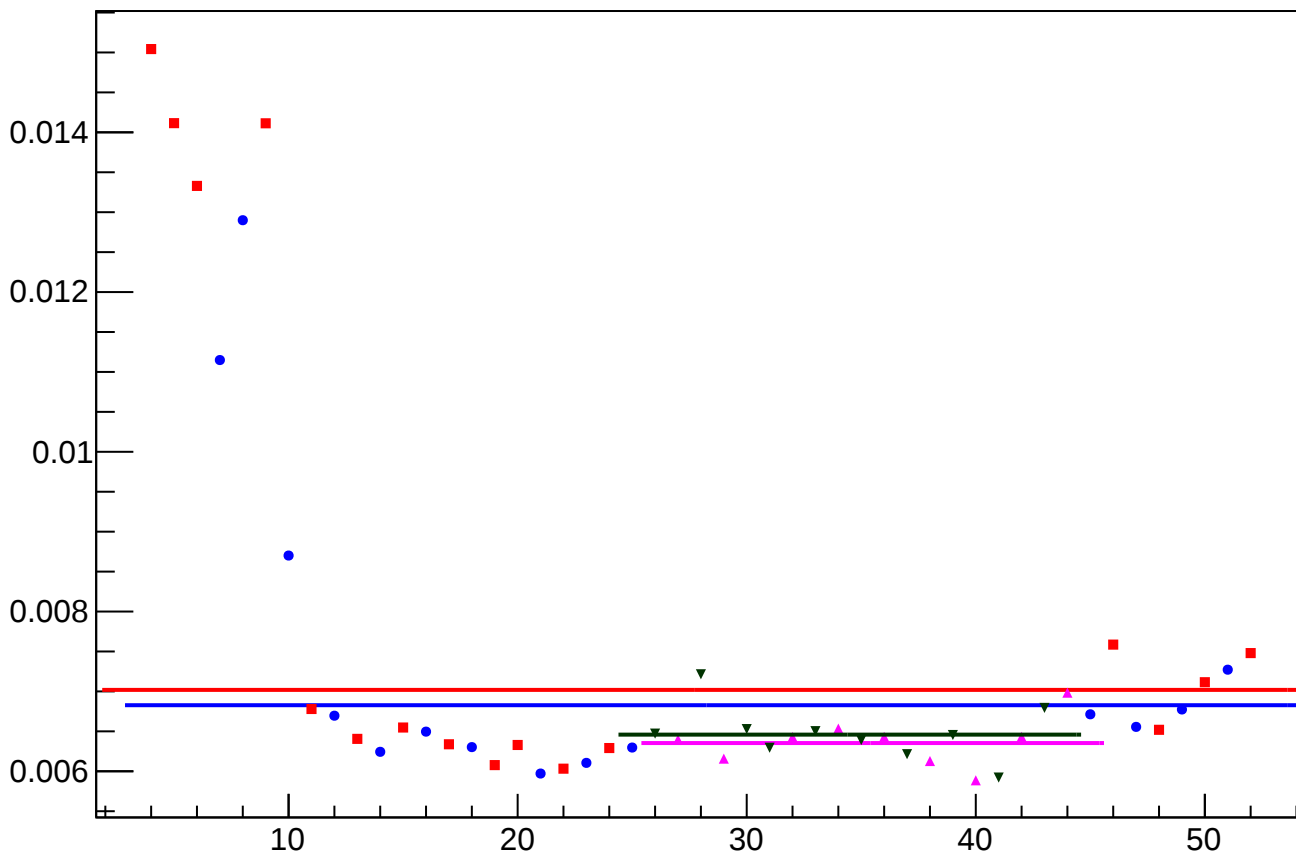
1.582 $\pm$ 0.000 χ^2 /NDF: 26589452535.1/23

Right Out: 1.538 $\pm$ 0.000 χ^2 /NDF: 20705257615.0/15

1.558 $\pm$ 0.000 χ^2 /NDF: 27587726785.8/24

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 : 606439.0/13

Left Out: 0.006+/-0.000 χ^2/NDF :26704.2/9

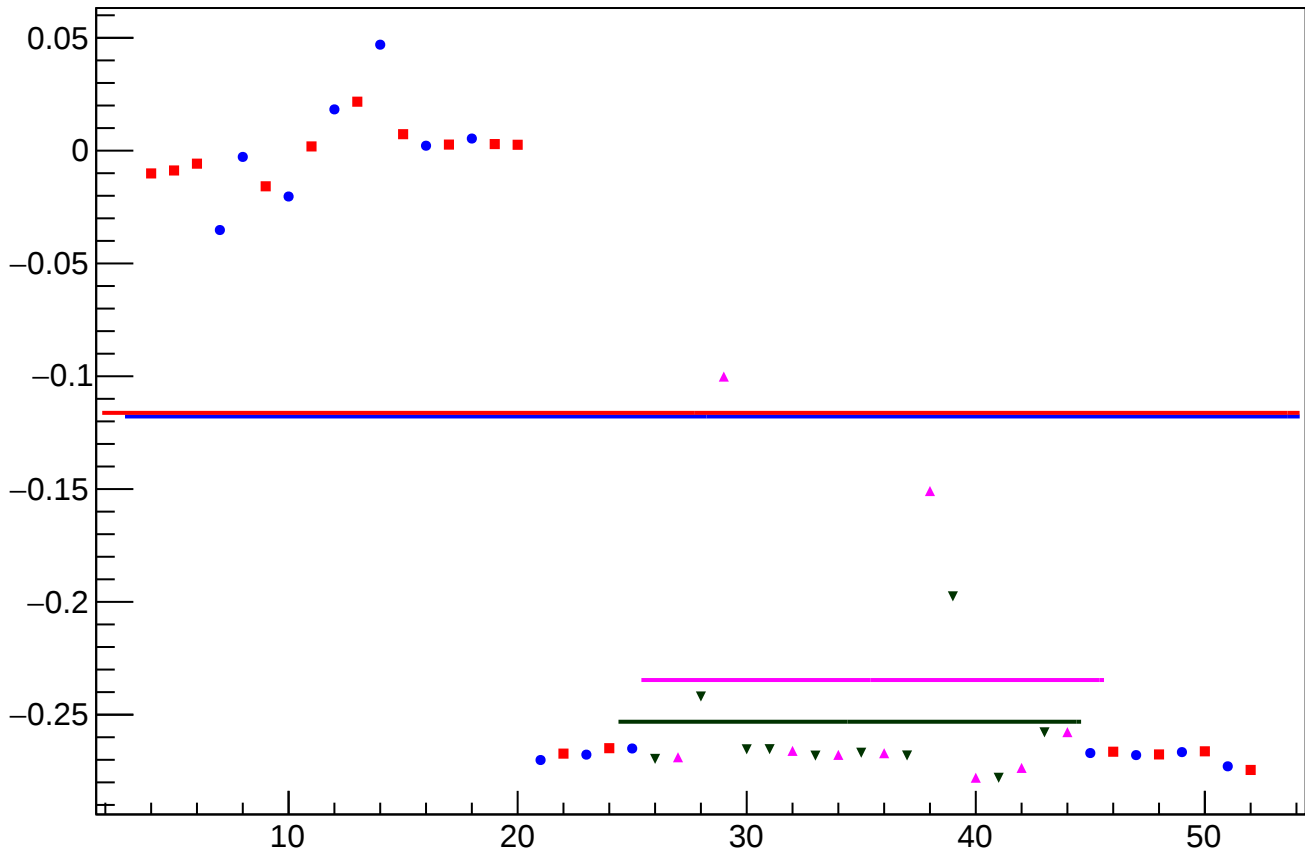
Right Out: 0.007+/-0.000 χ^2/NDF : 987830.9/15

Left In: 0.006+/-0.000 χ^2/NDF :17689.1/8

0.007+/-0.000 χ^2/NDF : 651969.2/23

0.007+/-0.000 χ^2/NDF : 1066159.0/24

yield_bpm16X_mean vs slug



Right In: -0.118+/-0.000 χ^2/NDF : 6305212873.2/13

Left Out: -0.253+/-0.000 χ^2/NDF : 114103318.3/9

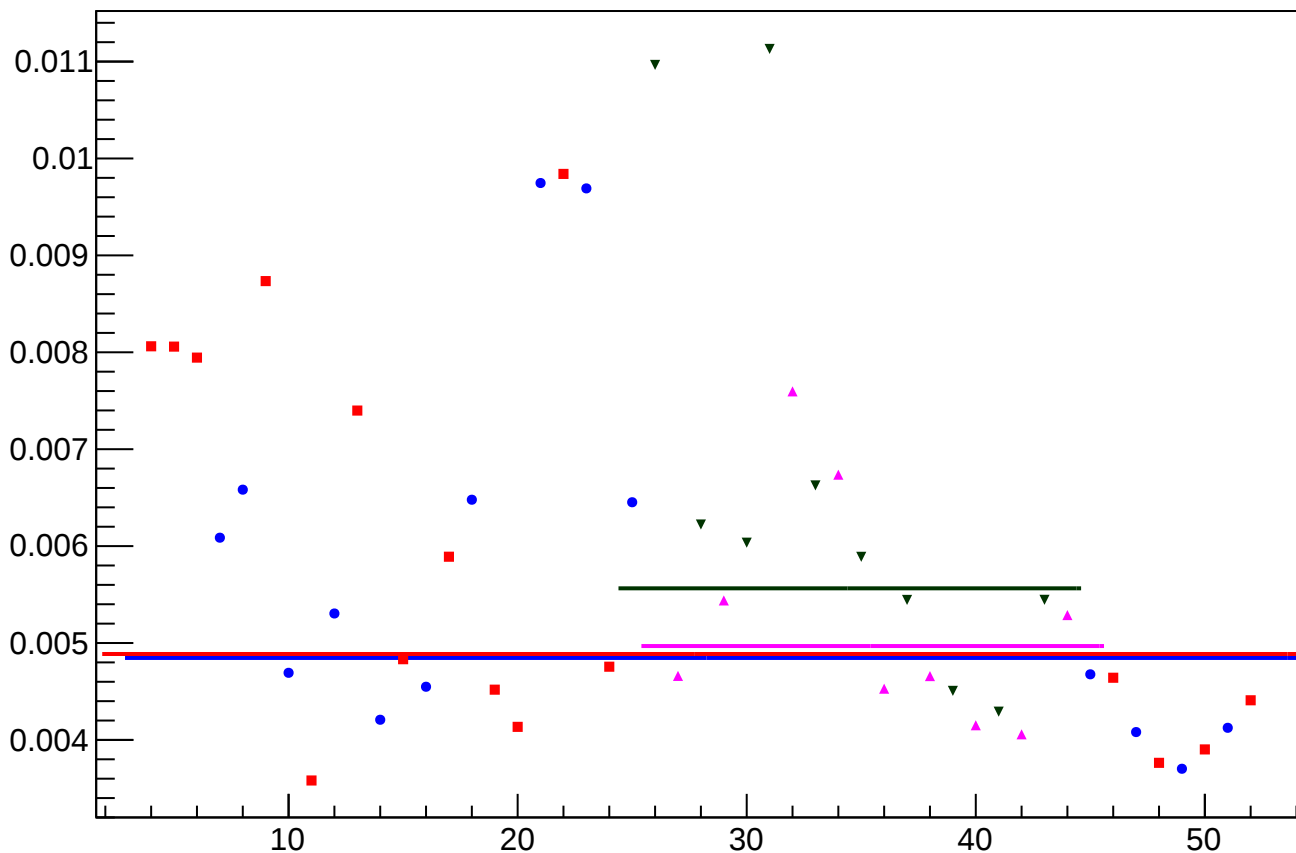
-0.160+/-0.000 χ^2/NDF : 8239732859.5/23

Right Out: -0.116+/-0.000 χ^2/NDF : 5311438164.2/15

-0.164+/-0.000 χ^2/NDF : 7741012059.7/24

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 : 1122108.8/13

Left Out: 0.006+/-0.000 χ^2/NDF : 608011.7/9

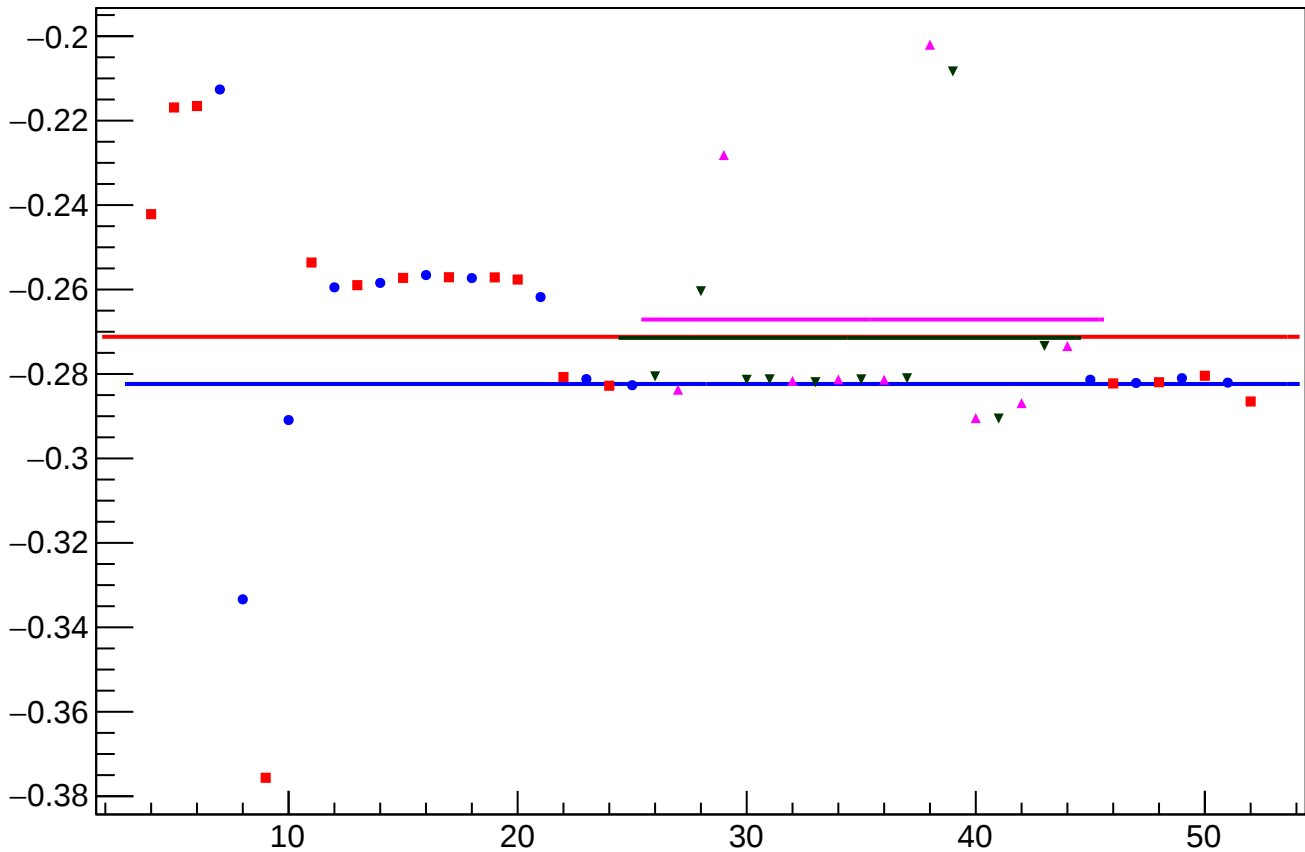
Right Out: 0.005+/-0.000 χ^2/NDF : 1416691.1/15

Left In: 0.005+/-0.000 χ^2/NDF : 366477.9/8

0.005+/-0.000 χ^2/NDF : 1832757.2/23

0.005+/-0.000 χ^2/NDF : 1784746.0/24

yield_bpm16Y_mean vs slug



Right In: -0.282 ± 0.000 χ^2/NDF : 1067312046.7/13

Left Out: -0.271 ± 0.000 χ^2/NDF : 349277523.0/9

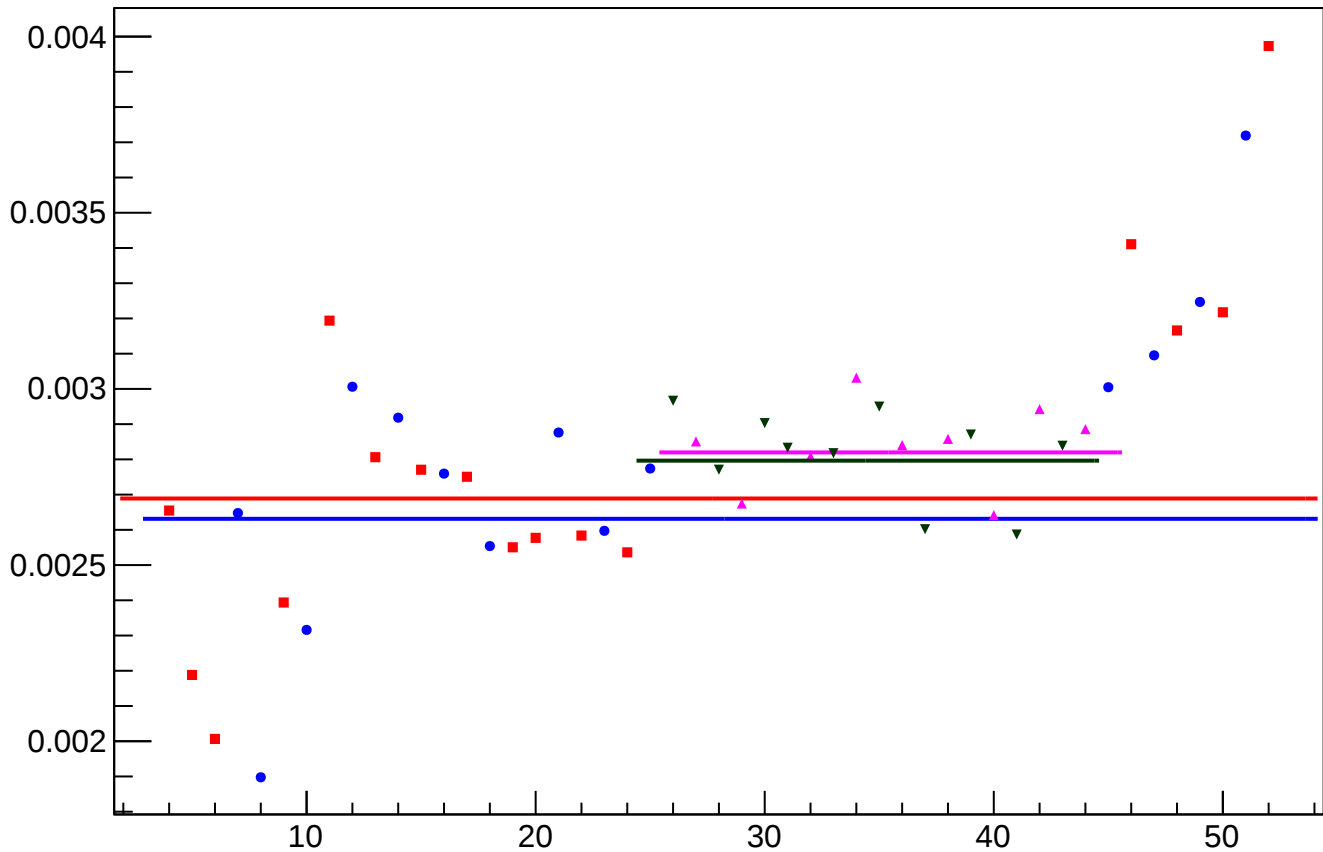
-0.279 ± 0.000 χ^2/NDF : 1467347251.9/23

Right Out: -0.271 ± 0.000 χ^2/NDF : 1962041719.1/15

-0.270 ± 0.000 χ^2/NDF : 2522747003.8/24

Left In: -0.267 ± 0.000 χ^2/NDF : 553669253.3/8

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 523346.0/13

Left Out: 0.003+/-0.000 χ^2/NDF :22003.3/9

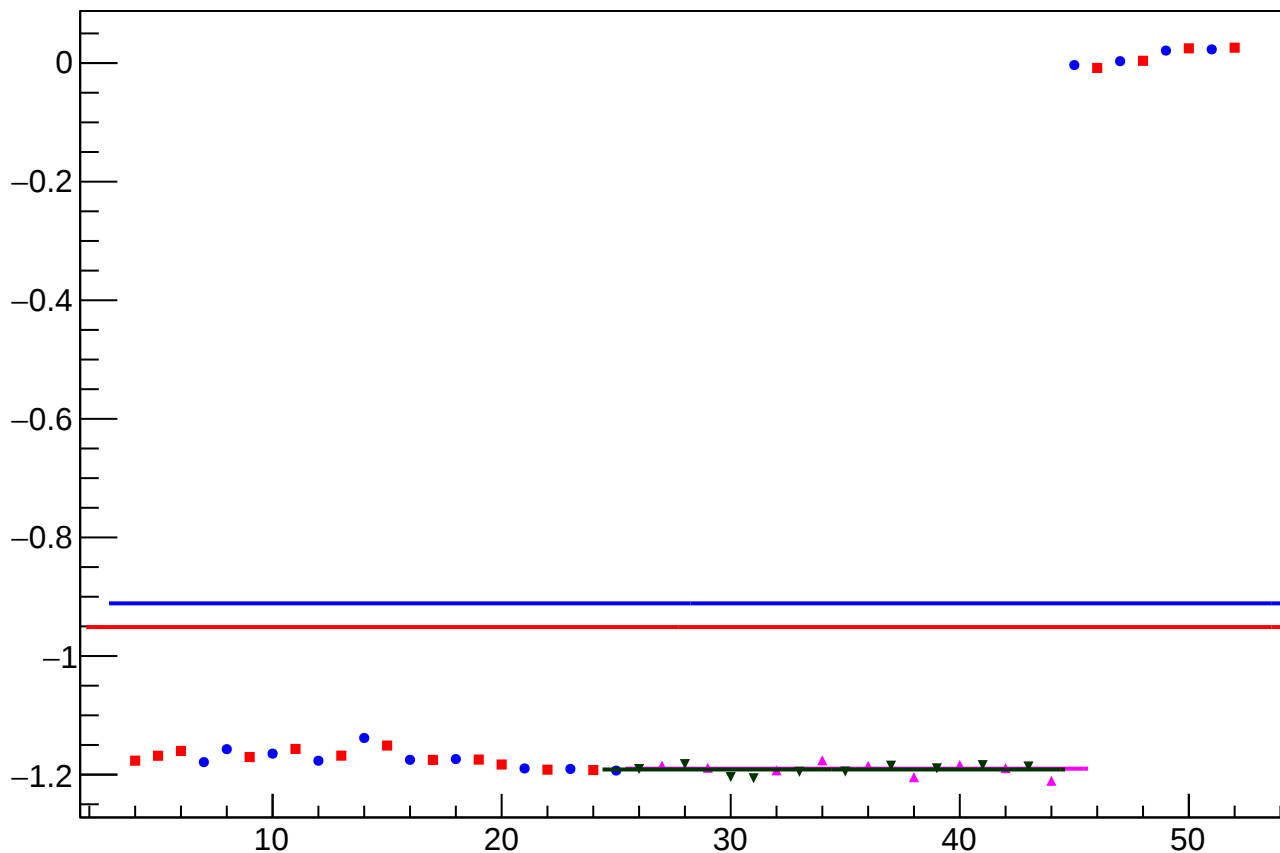
Right Out: 0.003+/-0.000 χ^2/NDF : 408117.1/15

Left In: 0.003+/-0.000 χ^2/NDF :16488.2/8

0.003+/-0.000 χ^2/NDF : 568538.0/23

0.003+/-0.000 χ^2/NDF : 439010.4/24

yield_bpm2i01X_mean vs slug



Right In: -0.911 $\pm$ 0.000 χ^2 /NDF: 39186829508.6/13

Left Out: -1.191 $\pm$ 0.000 χ^2 /NDF: 4812748.3/9

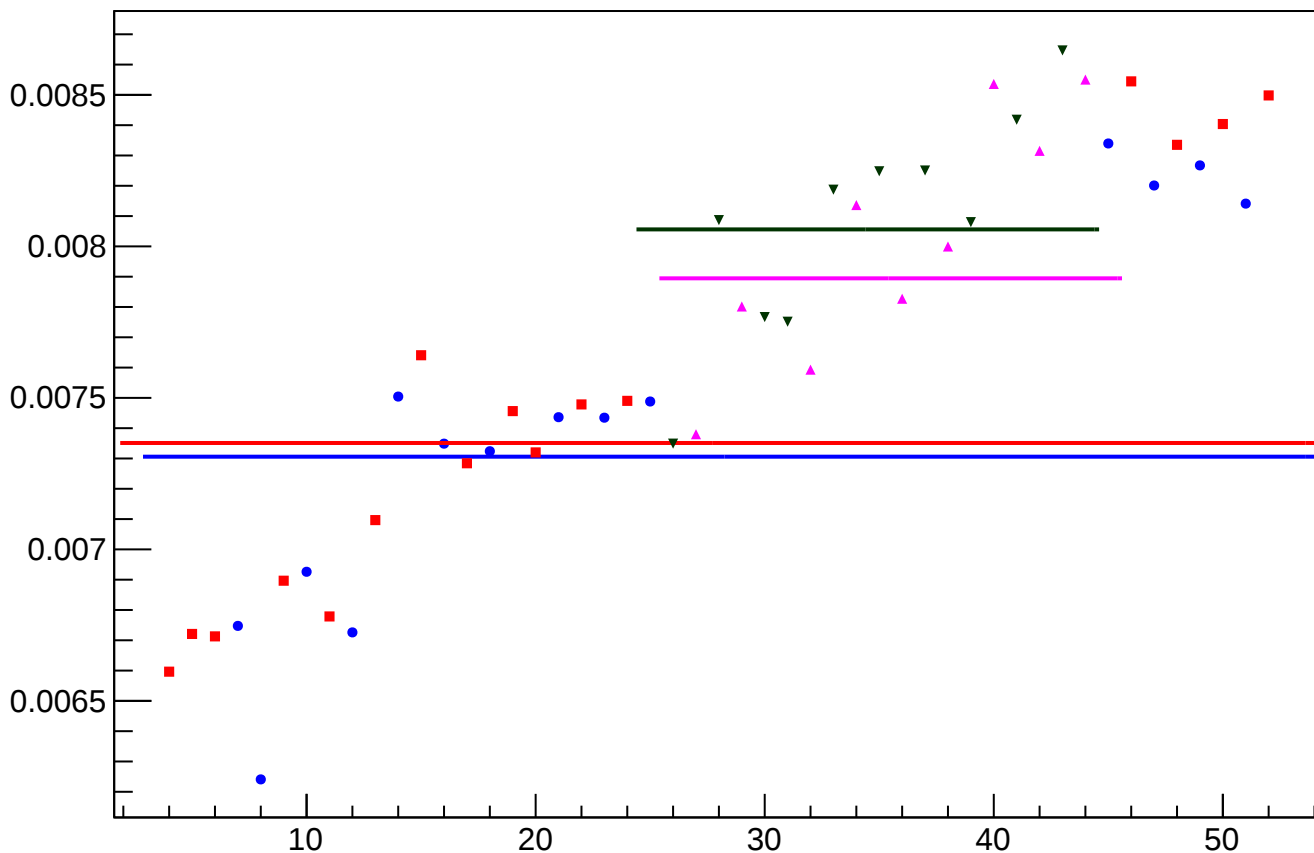
Right Out: -0.951 $\pm$ 0.000 χ^2 /NDF: 32646906226.8/15

Left In: -1.190 $\pm$ 0.000 χ^2 /NDF: 6924812.0/8

-1.003 $\pm$ 0.000 χ^2 /NDF: 43449264630.2/23

-1.038 $\pm$ 0.000 χ^2 /NDF: 35862828561.9/24

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 136220.2/13

Left Out: 0.008+/-0.000 χ^2/NDF :19479.9/9

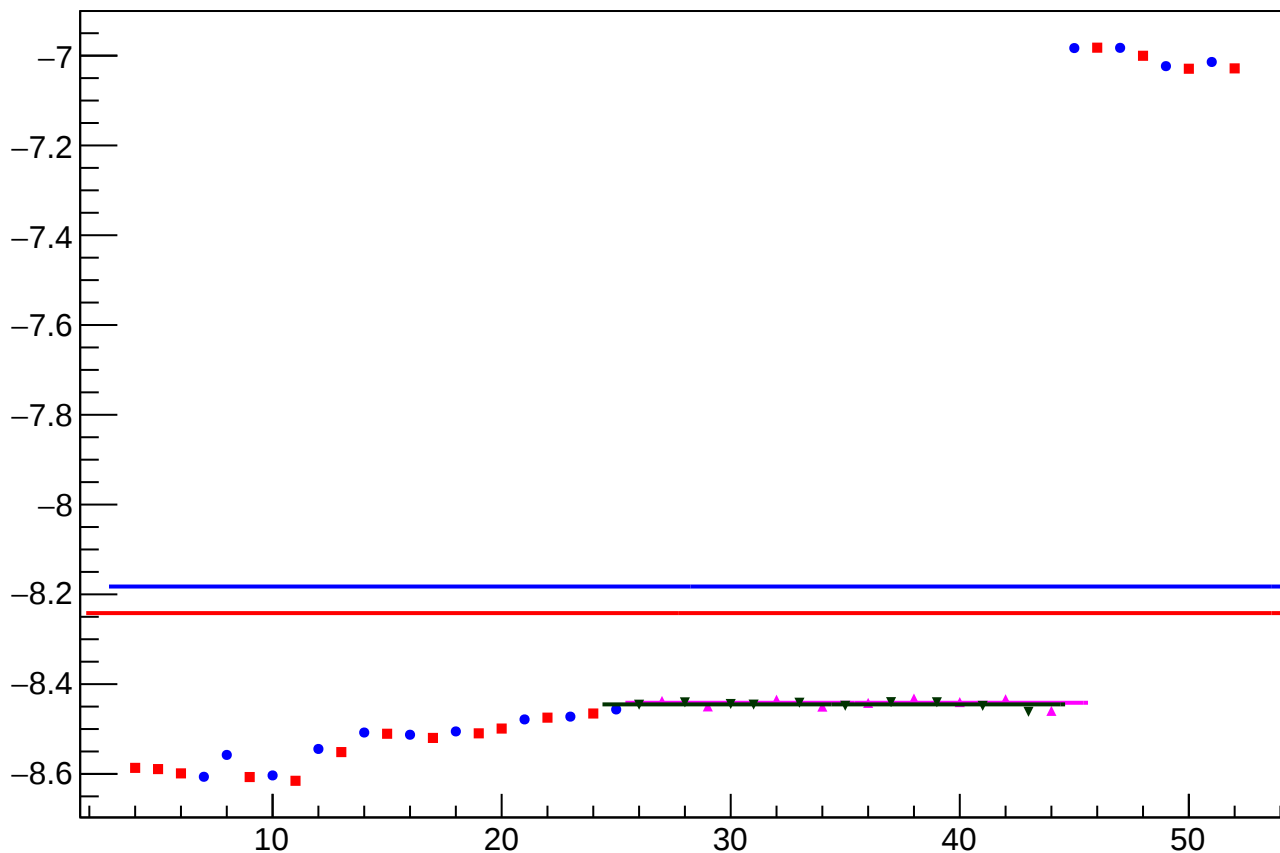
Right Out: 0.007+/-0.000 χ^2/NDF : 112307.6/15

Left In: 0.008+/-0.000 χ^2/NDF :26175.0/8

0.008+/-0.000 χ^2/NDF : 216745.3/23

0.008+/-0.000 χ^2/NDF : 171712.3/24

yield_bpm2i01Y_mean vs slug



Right In: -8.183+/-0.000 χ^2/NDF : 74469983843.0/13

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

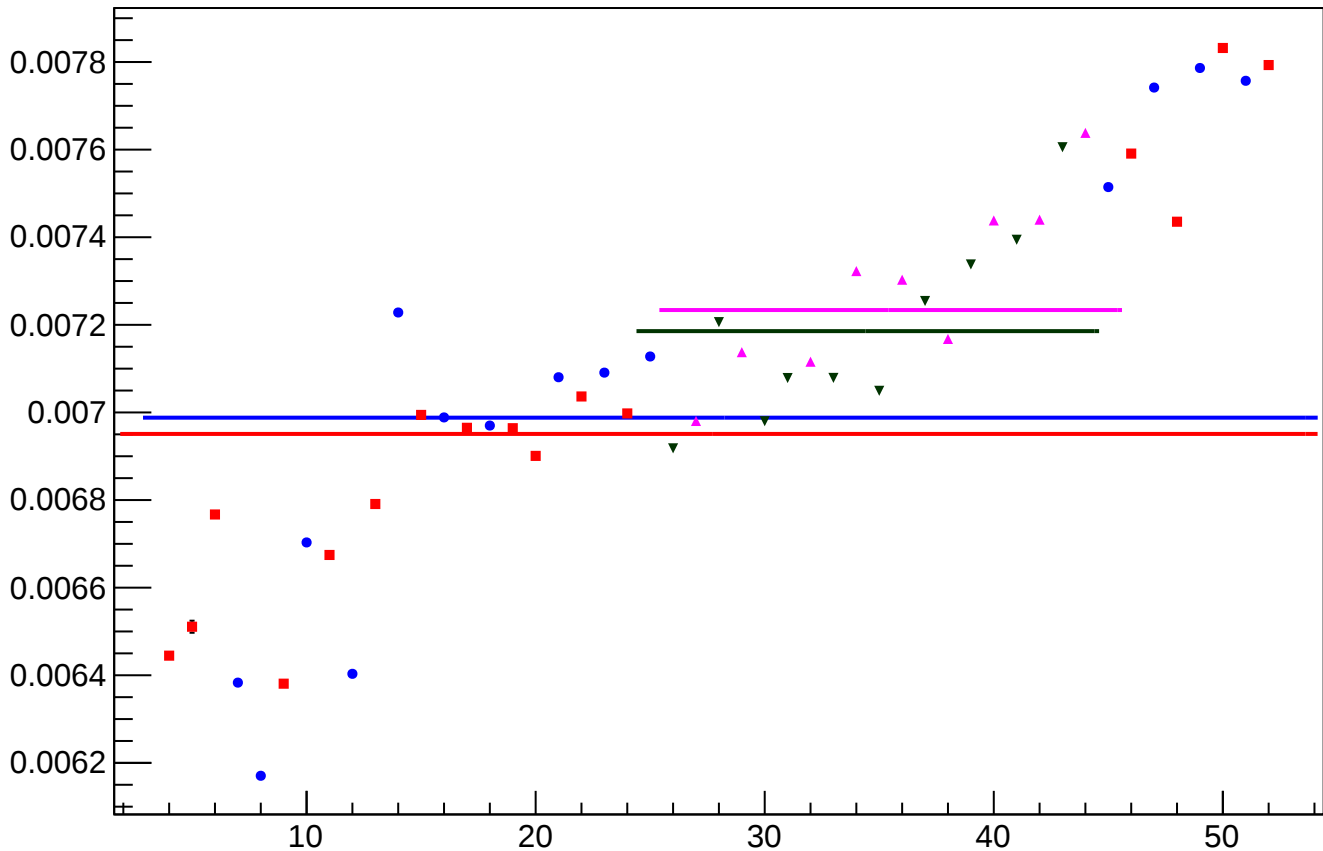
Right Out: -8.242+/-0.000 χ^2/NDF : 66038290742.4/15

Left In: -8.441+/-0.000 χ^2/NDF : 7266938.1/8

-8.278+/-0.000 χ^2/NDF : 79020363861.4/23

-8.318+/-0.000 χ^2/NDF : 68697067496.2/24

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 95046.4/13

Left Out: 0.007+/-0.000 χ^2/NDF : 7631.6/9

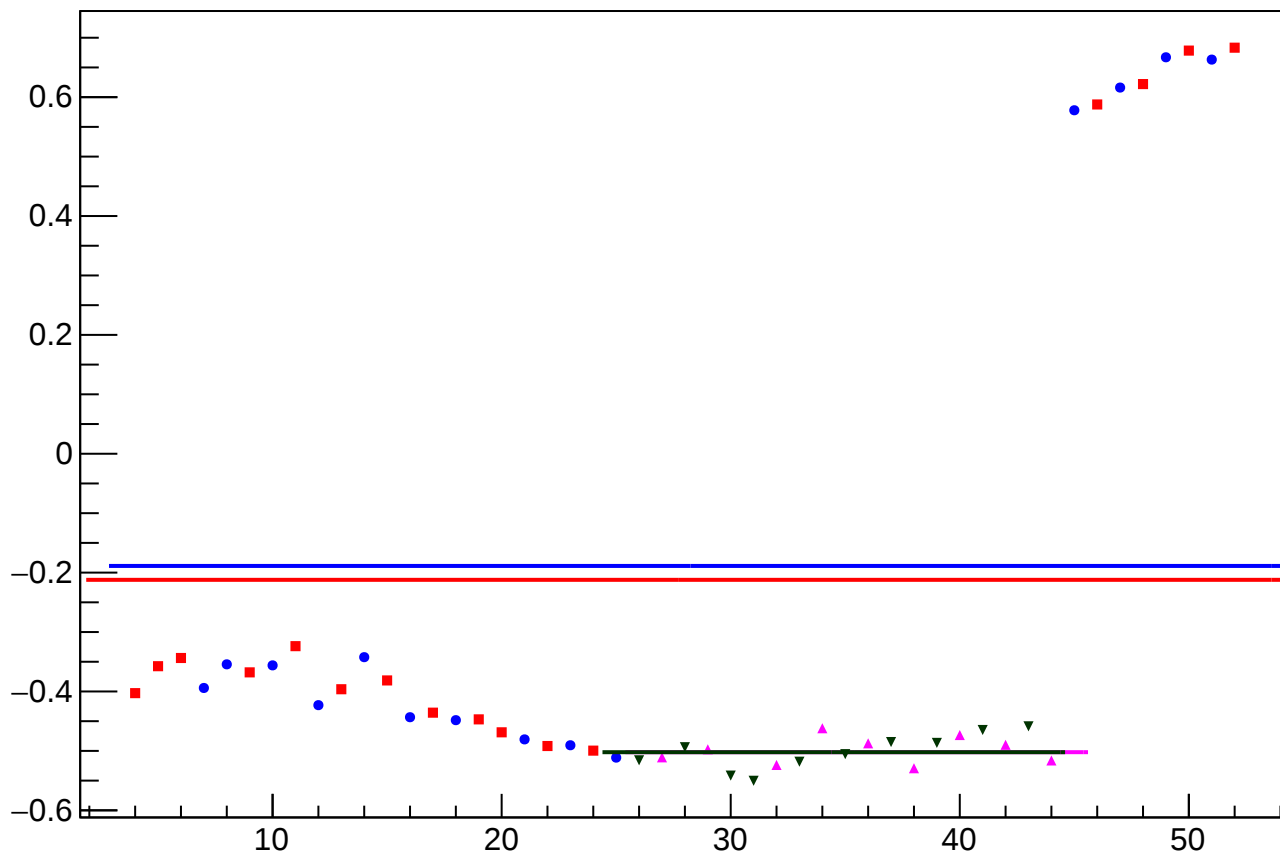
Right Out: 0.007+/-0.000 χ^2/NDF : 59705.7/15

Left In: 0.007+/-0.000 χ^2/NDF : 7802.2/8

0.007+/-0.000 χ^2/NDF : 107827.8/23

0.007+/-0.000 χ^2/NDF : 78142.6/24

yield_bpm2i02X_mean vs slug



Right In: -0.189 ± 0.000 χ^2/NDF : 4708741498.4/13

Left Out: -0.502 ± 0.000 χ^2/NDF : 9337230.3/9

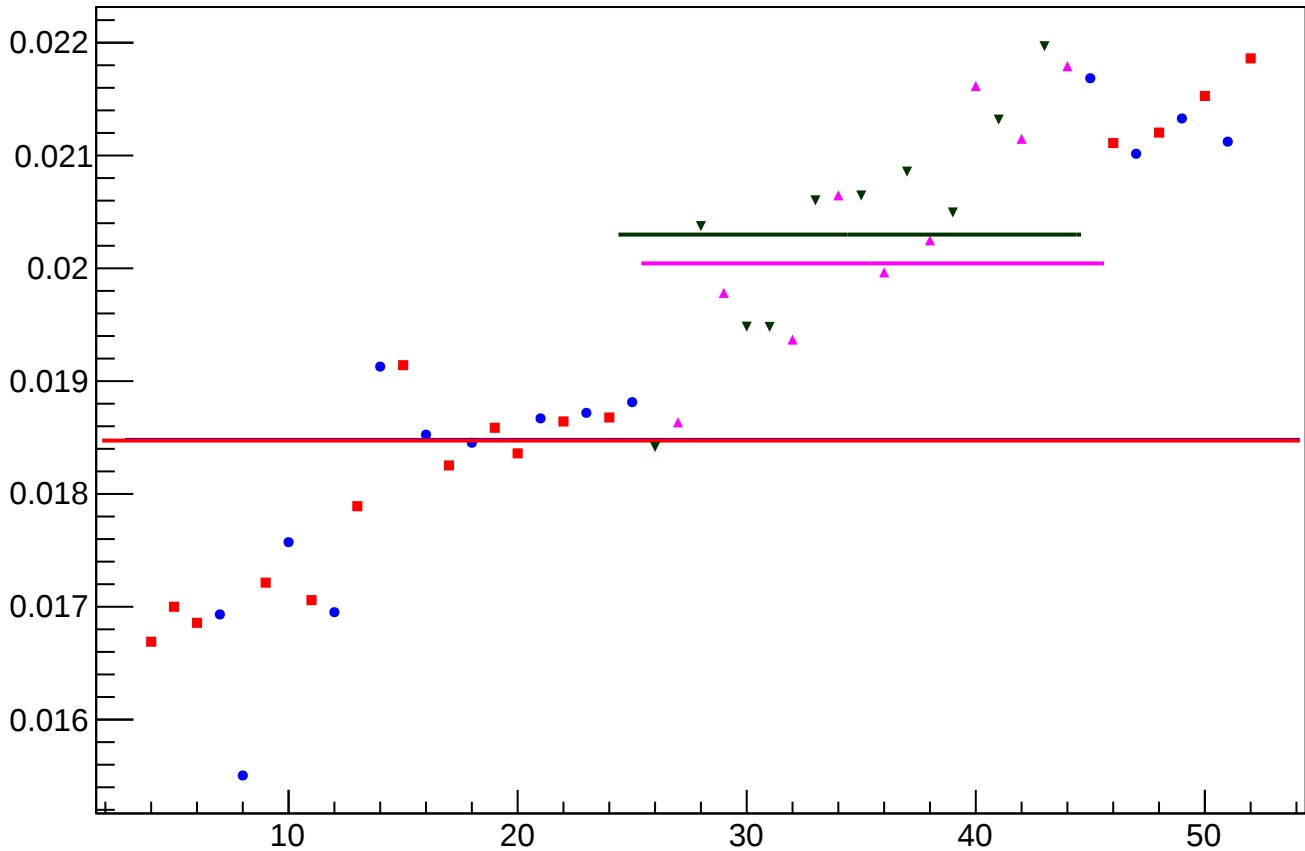
Right Out: -0.212 ± 0.000 χ^2/NDF : 4052483162.3/15

Left In: -0.502 ± 0.000 χ^2/NDF : 5607835.8/8

-0.293 ± 0.000 χ^2/NDF : 5556320899.7/23

-0.317 ± 0.000 χ^2/NDF : 4798840394.6/24

yield_bpm2i02X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 174897.5/13

Left Out: 0.020+/-0.000 χ^2/NDF :22702.3/9

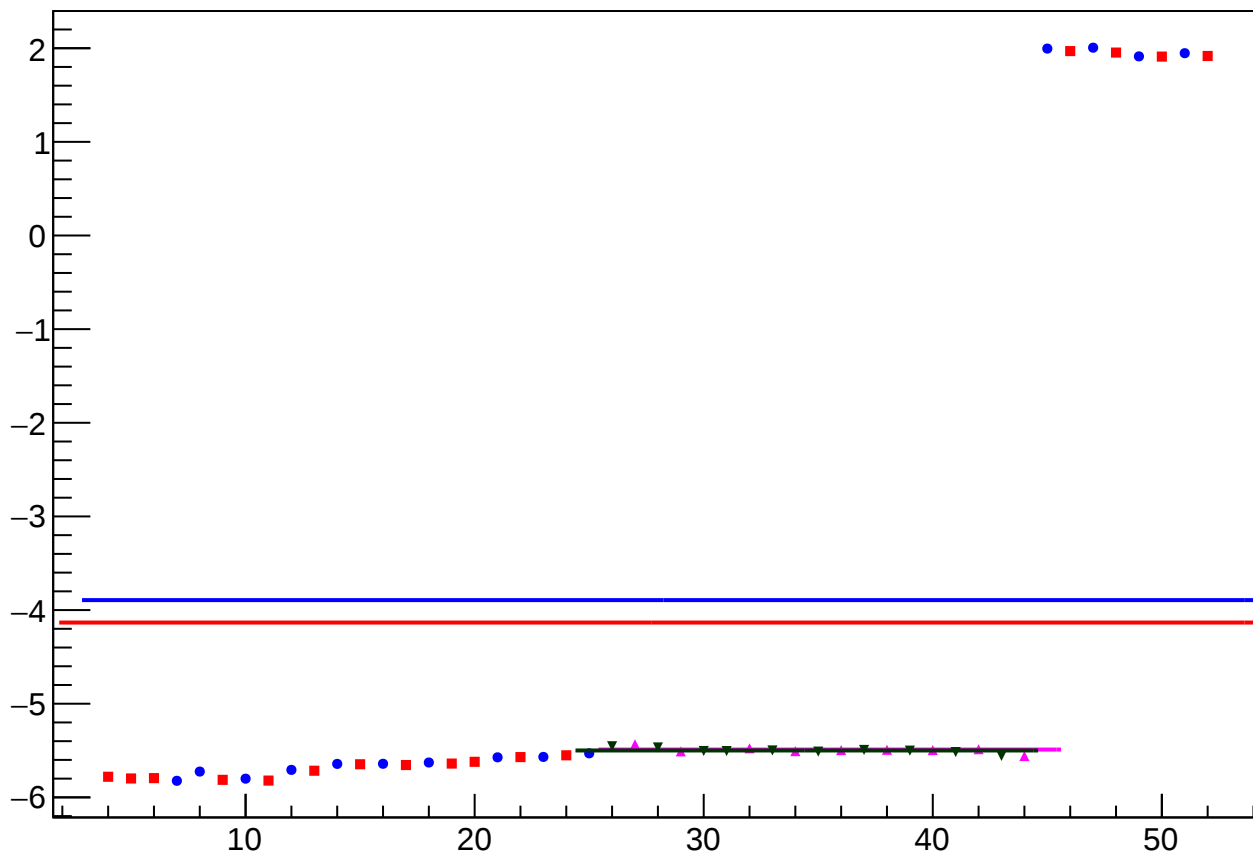
0.019+/-0.000 χ^2/NDF : 254116.7/23

Right Out: 0.018+/-0.000 χ^2/NDF : 120559.6/15

0.019+/-0.000 χ^2/NDF : 191307.2/24

Left In: 0.020+/-0.000 χ^2/NDF :27295.1/8

yield_bpm2i02Y_mean vs slug



Right In: -3.894+/-0.000 χ^2/NDF : 623200453372.8/13

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

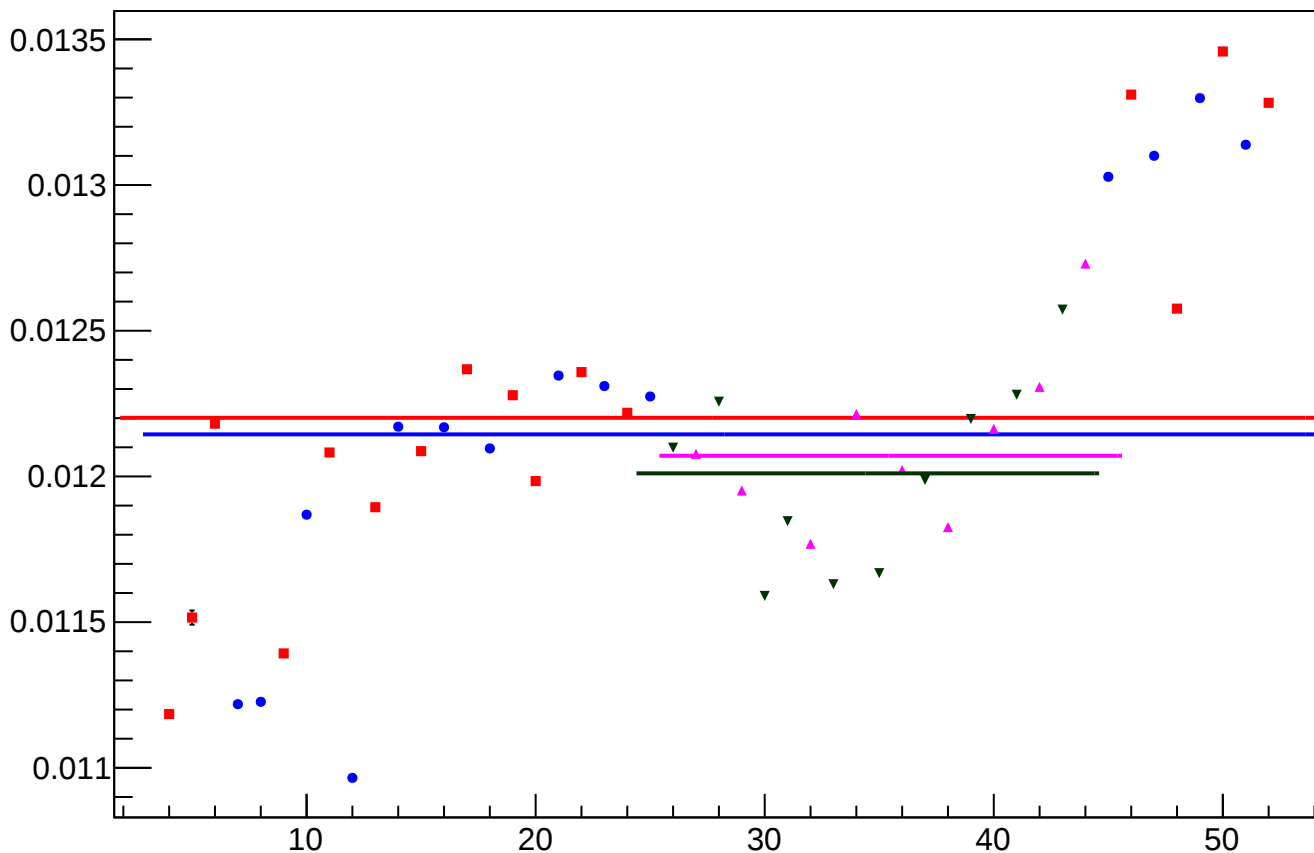
Right Out: -4.133+/-0.000 χ^2/NDF : 534661970649.9/15

Left In: -5.490+/-0.000 χ^2/NDF : 37957034.6/8

-4.508+/-0.000 χ^2/NDF : 682289901939.1/23

-4.687+/-0.000 χ^2/NDF : 576752151422.4/24

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 60102.7/13

Left Out: 0.012+/-0.000 χ^2/NDF : 6913.8/9

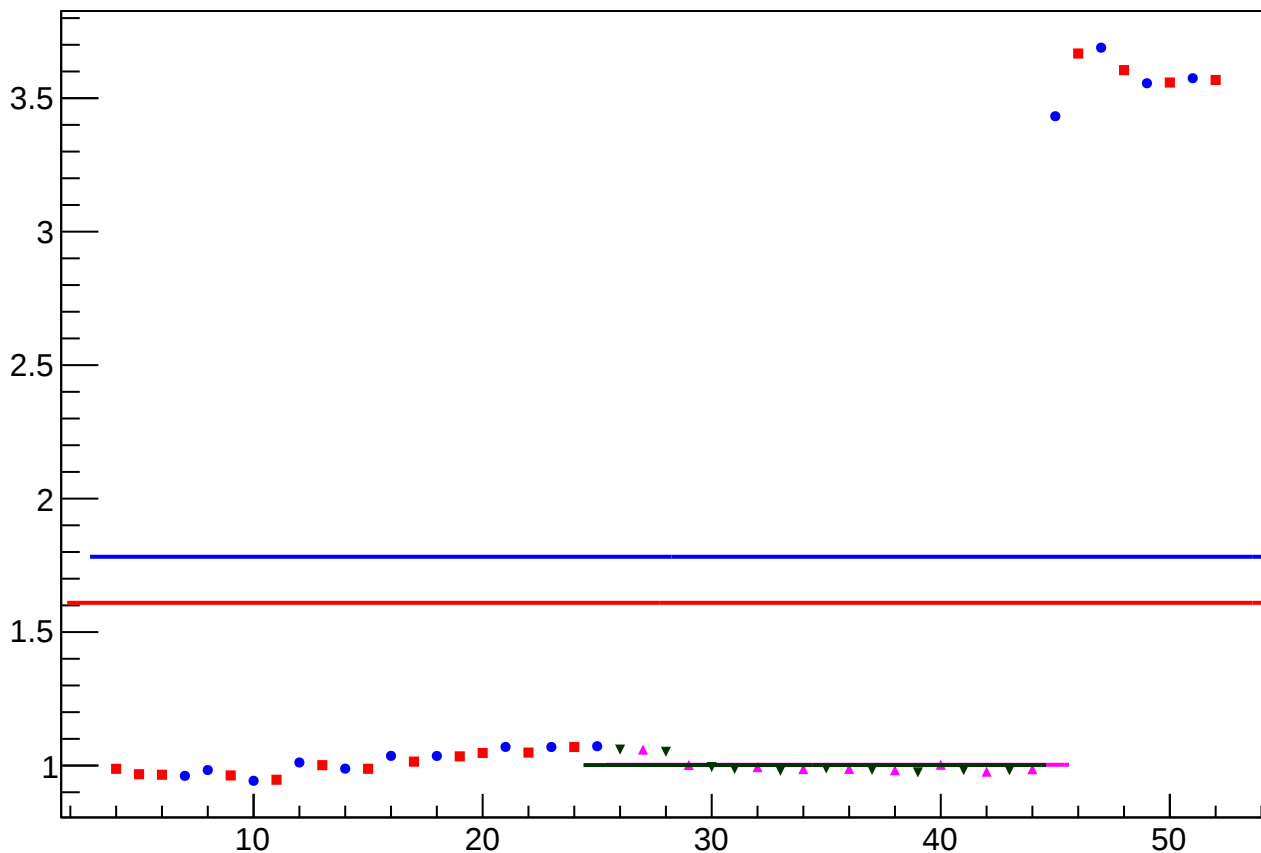
Right Out: 0.012+/-0.000 χ^2/NDF : 40452.9/15

Left In: 0.012+/-0.000 χ^2/NDF : 5130.3/8

0.012+/-0.000 χ^2/NDF : 67836.7/23

0.012+/-0.000 χ^2/NDF : 46357.9/24

yield_bpm1i04X_mean vs slug



Right In: 1.782 $\pm$ 0.000 χ^2 /NDF: 201781583825.3/13

Left Out: 1.002 $\pm$ 0.000 χ^2 /NDF:93267140.0/9

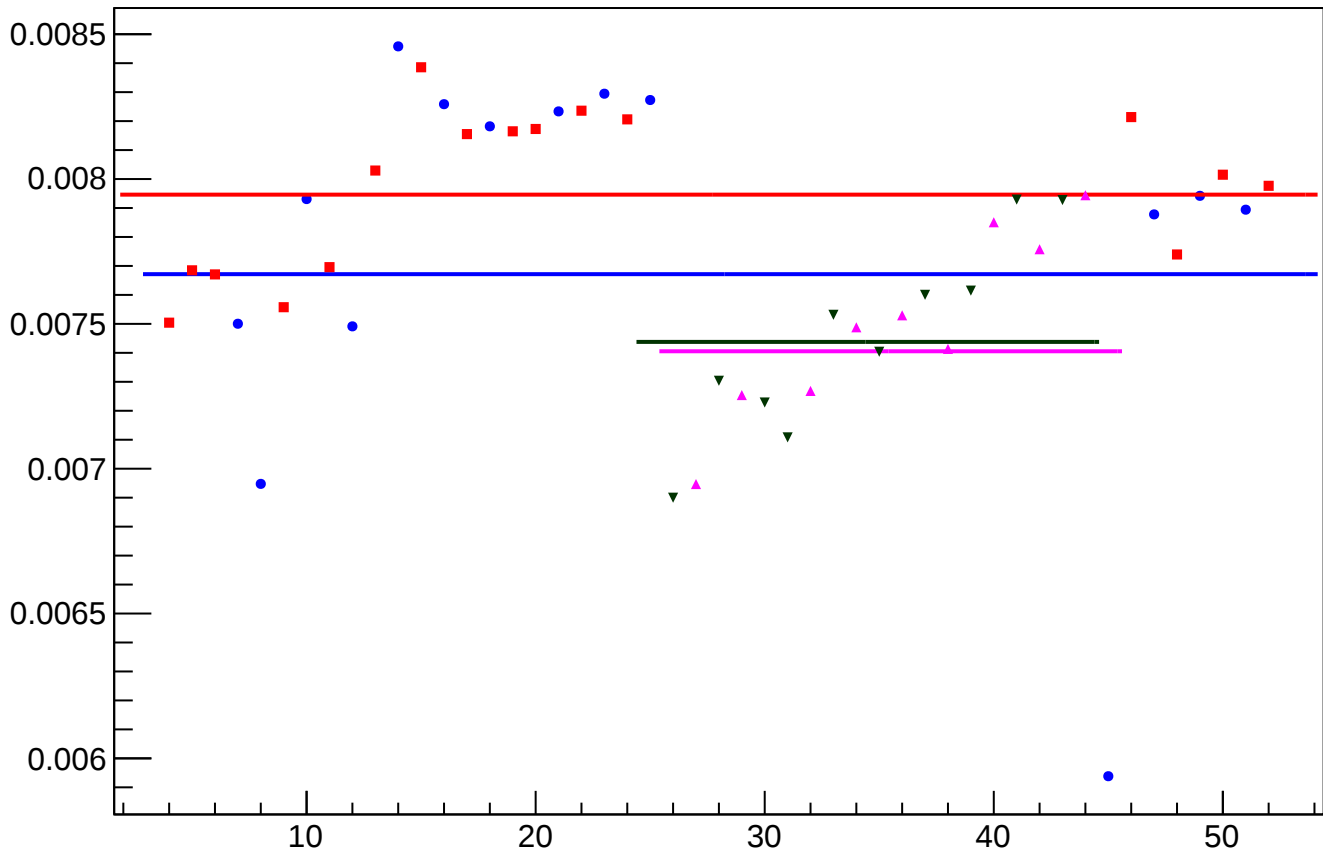
Right Out: 1.610 $\pm$ 0.000 χ^2 /NDF: 160082679600.9/15

Left In: 1.003 $\pm$ 0.000 χ^2 /NDF:73816796.1/8

1.477 $\pm$ 0.000 χ^2 /NDF: 237270688232.4/23

1.346 $\pm$ 0.000 χ^2 /NDF: 181223928422.1/24

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 170927.5/13

Left Out: 0.007+/-0.000 χ^2/NDF :18100.0/9

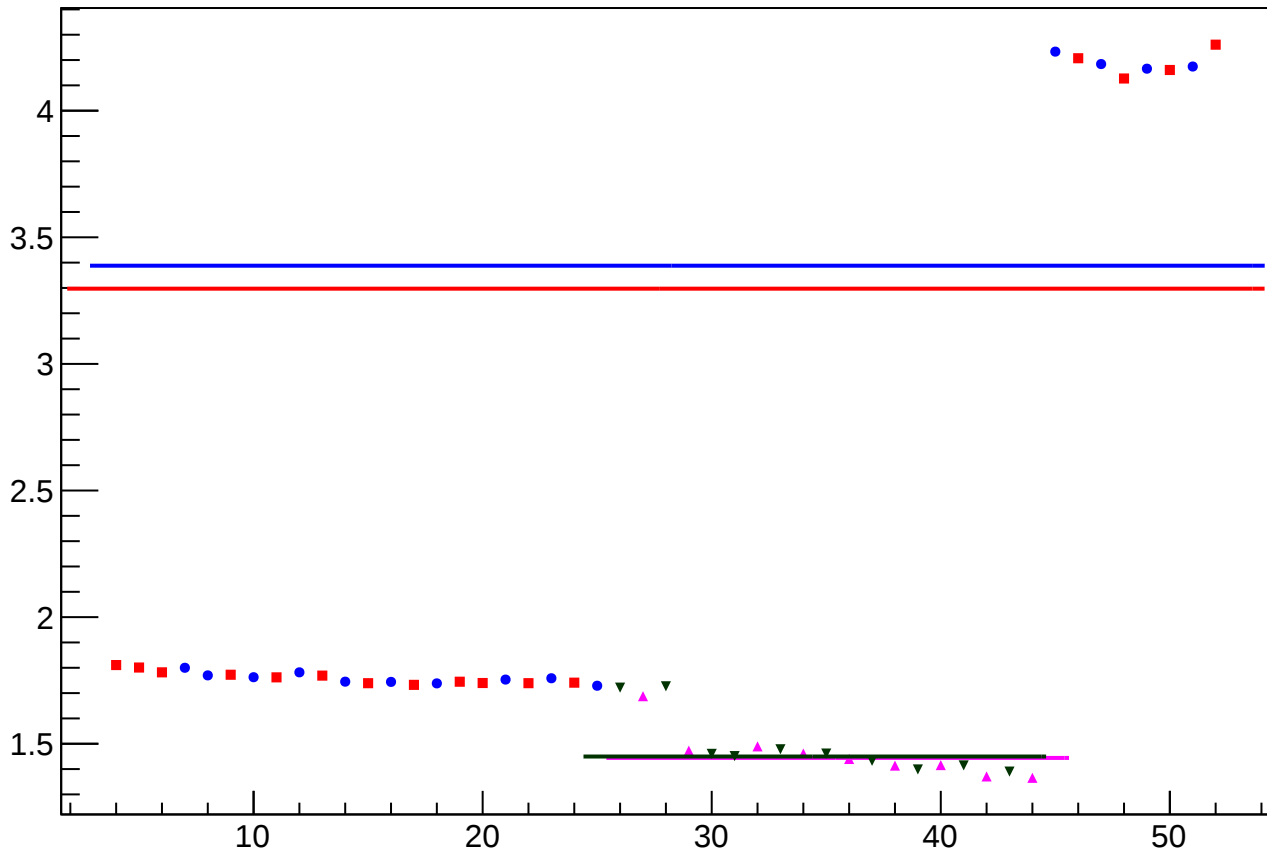
0.008+/-0.000 χ^2/NDF : 195384.3/23

Right Out: 0.008+/-0.000 χ^2/NDF : 19186.6/15

0.008+/-0.000 χ^2/NDF : 71603.8/24

Left In: 0.007+/-0.000 χ^2/NDF :18945.2/8

yield_bpm1i04Y_mean vs slug



Right In: 3.388+/-0.000 χ^2/NDF : 409527736312.8/13

Left Out: 1.450+/-0.000 χ^2/NDF : 719591225.9/9

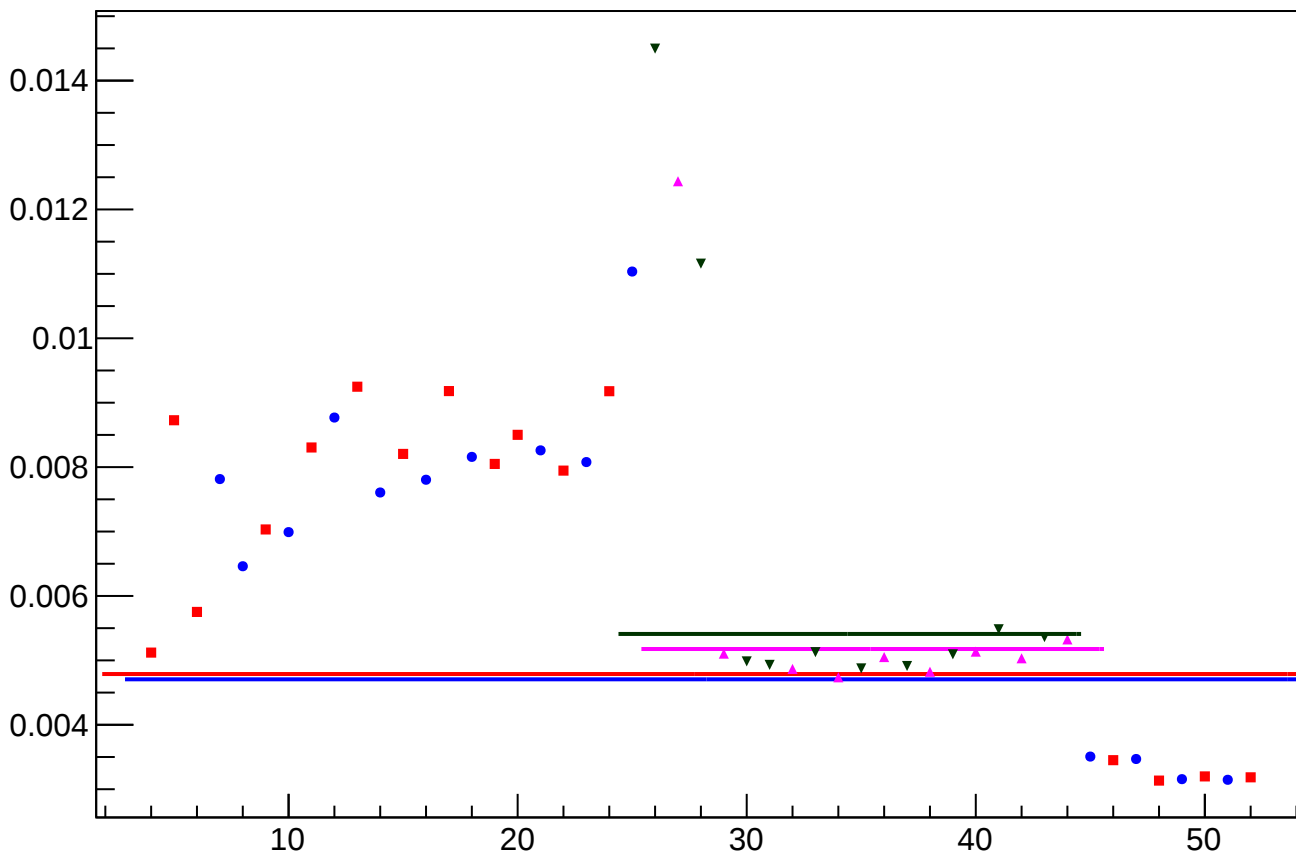
2.737+/-0.000 χ^2/NDF : 808104746147.2/23

Right Out: 3.297+/-0.000 χ^2/NDF : 389218441924.1/15

2.561+/-0.000 χ^2/NDF : 778690552926.9/24

Left In: 1.444+/-0.000 χ^2/NDF : 633323170.8/8

yield_bpm1i04Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 2784871.5/13

Left Out: 0.005+/-0.000 χ^2/NDF : 753040.6/9

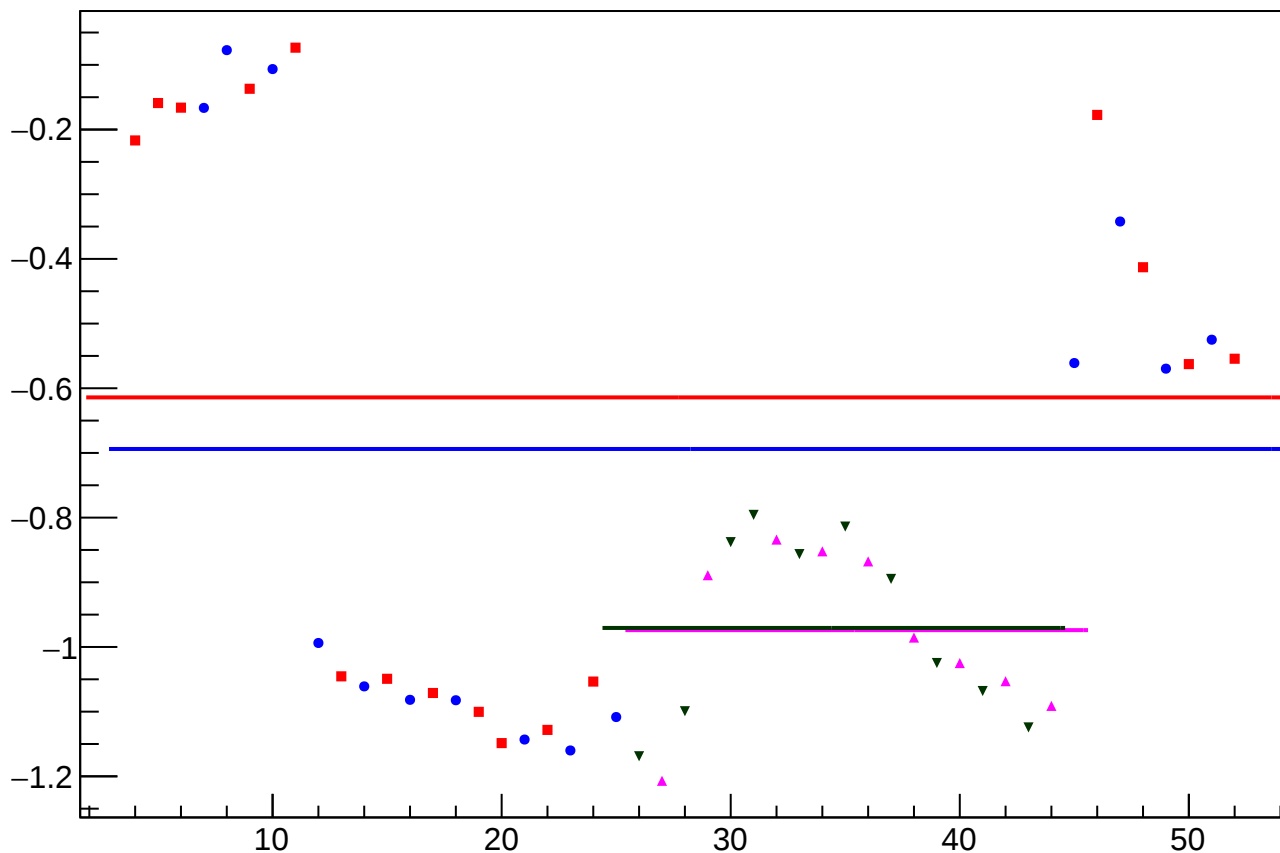
Right Out: 0.005+/-0.000 χ^2/NDF : 2841493.2/15

Left In: 0.005+/-0.000 χ^2/NDF : 514197.3/8

0.005+/-0.000 χ^2/NDF : 3642968.4/23

0.005+/-0.000 χ^2/NDF : 3389863.6/24

yield_bpm0l01X_mean vs slug



Right In: -0.694+/-0.000 χ^2/NDF : 18702533719.9/13

Left Out: -0.971+/-0.000 χ^2/NDF : 1156218036.6/9

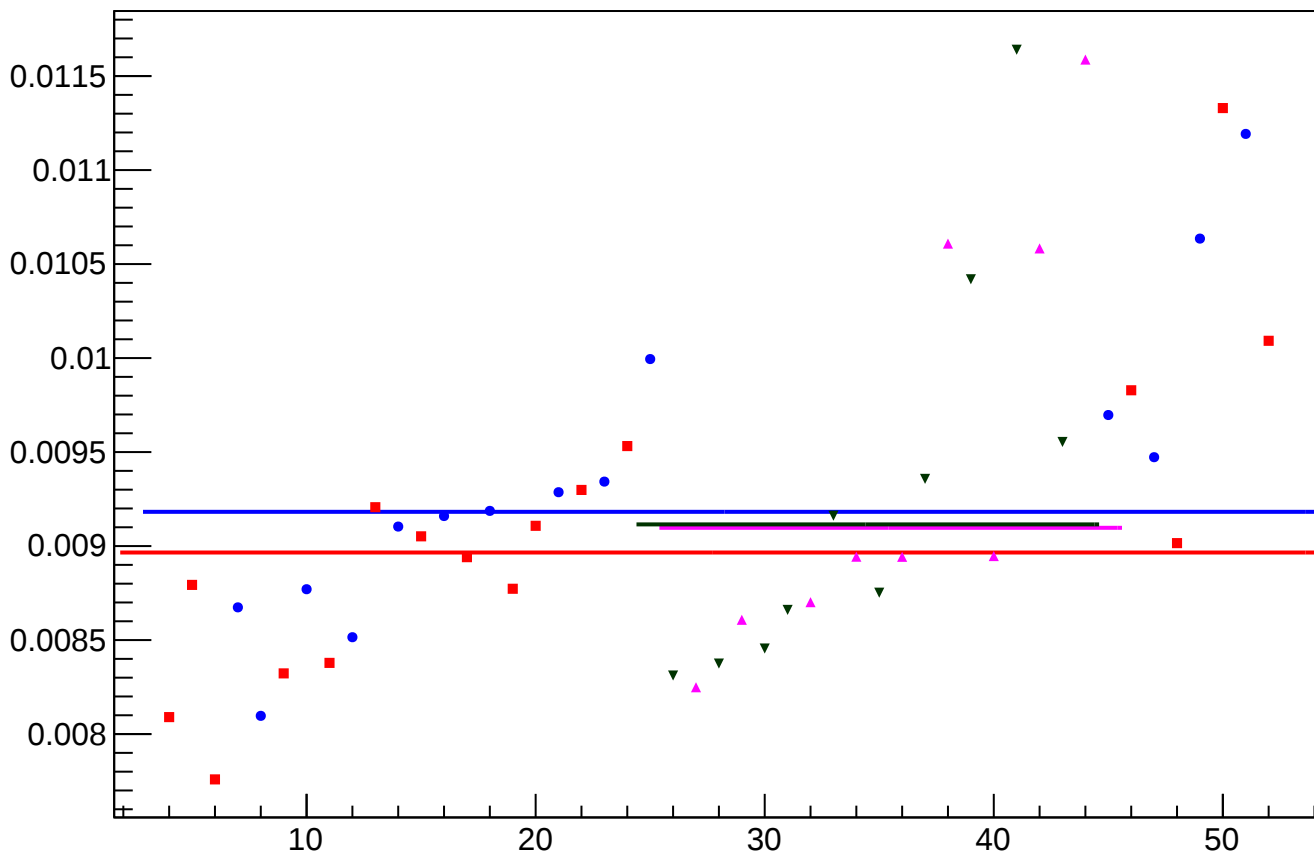
Right Out: -0.614+/-0.000 χ^2/NDF : 19175061866.1/15

Left In: -0.974+/-0.000 χ^2/NDF : 1225322966.4/8

-0.798+/-0.000 χ^2/NDF : 22815513447.1/23

-0.756+/-0.000 χ^2/NDF : 25590955462.0/24

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 113562.8/13

Left Out: 0.009+/-0.000 χ^2/NDF :104201.5/9

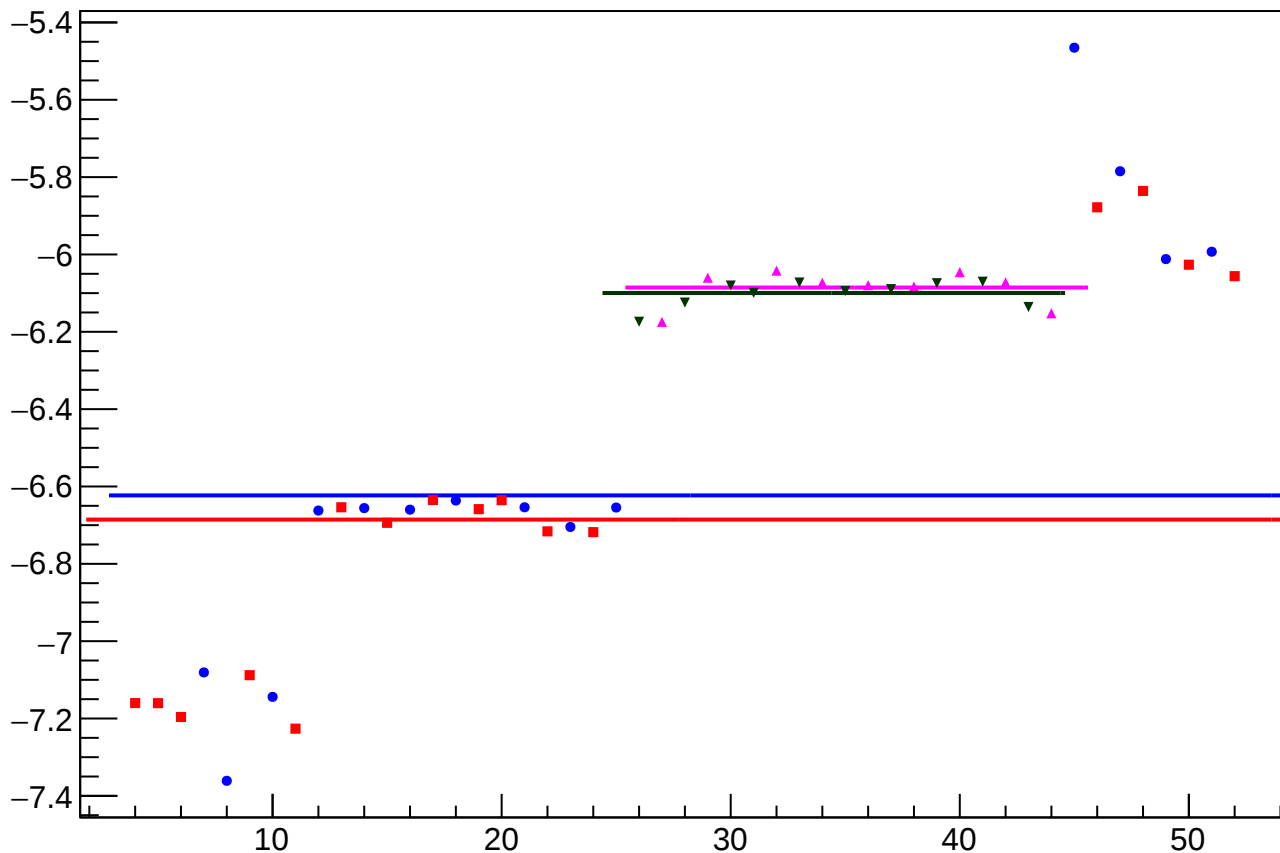
Right Out: 0.009+/-0.000 χ^2/NDF : 124252.0/15

Left In: 0.009+/-0.000 χ^2/NDF :115547.6/8

0.009+/-0.000 χ^2/NDF : 218109.7/23

0.009+/-0.000 χ^2/NDF : 241184.5/24

yield_bpm0l01Y_mean vs slug



Right In: -6.623+/-0.000 χ^2/NDF : 27565210377.6/13

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

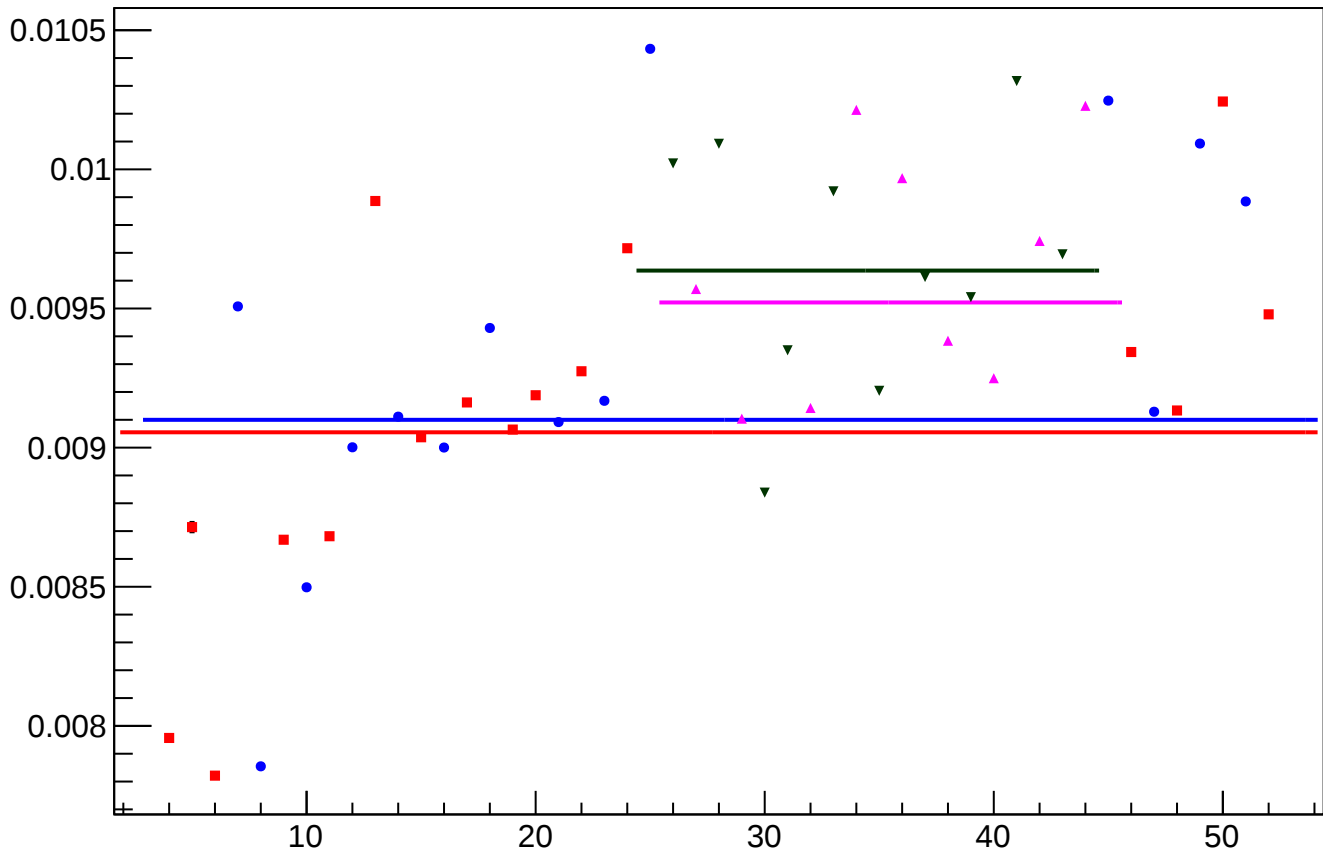
-6.441+/-0.000 χ^2/NDF : 37468812584.0/23

Right Out: -6.686+/-0.000 χ^2/NDF : 19914088808.1/15

-6.457+/-0.000 χ^2/NDF : 33500089401.2/24

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 : 98467.5/13

Left Out: 0.010+/-0.000 χ^2/NDF :21331.0/9

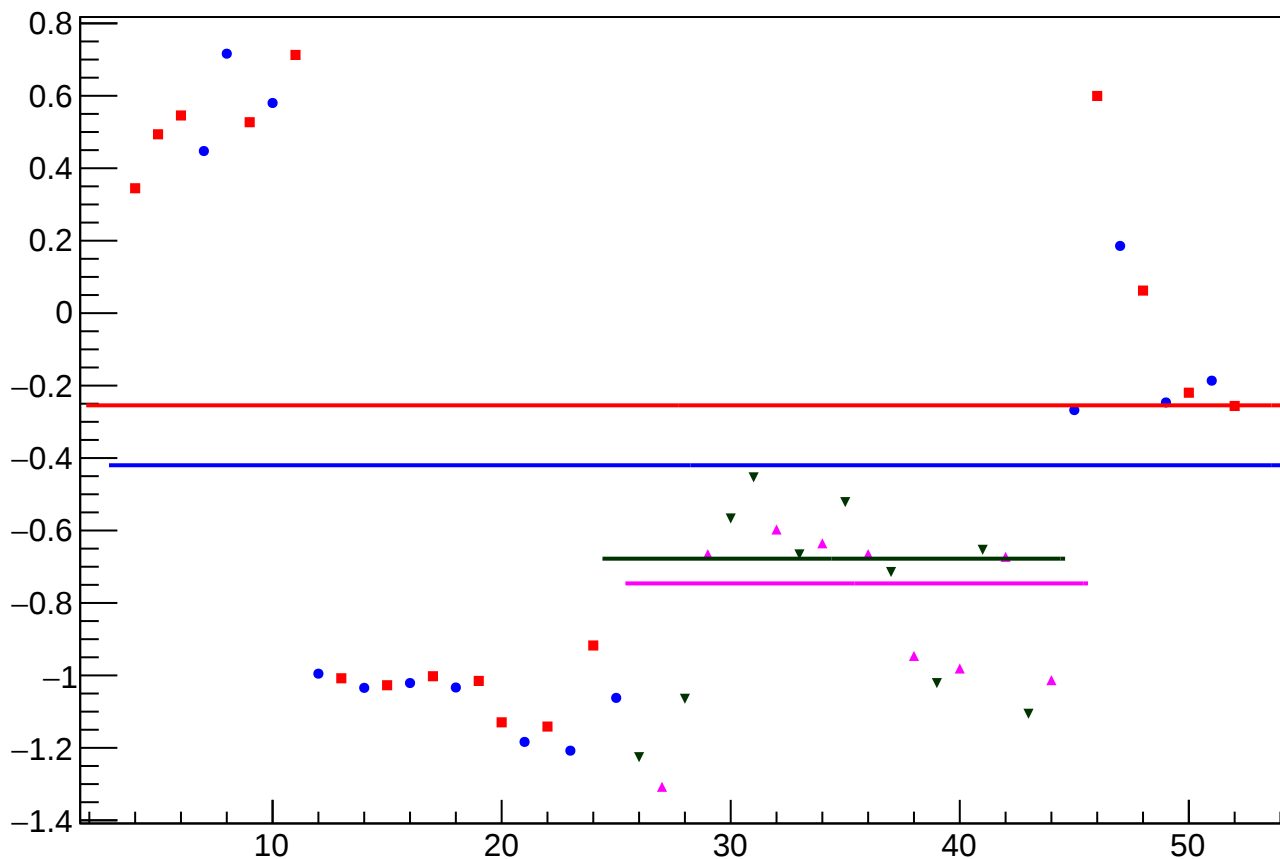
Right Out: 0.009+/-0.000 χ^2/NDF : 80871.4/15

Left In: 0.010+/-0.000 χ^2/NDF :19294.1/8

0.009+/-0.000 χ^2/NDF : 140493.2/23

0.009+/-0.000 χ^2/NDF : 116436.4/24

yield_bpm0l02X_mean vs slug



Right In: -0.420 ± 0.000 χ^2/NDF : 9964303637.4/13

Left Out: -0.678 ± 0.000 χ^2/NDF : 1358570765.2/9

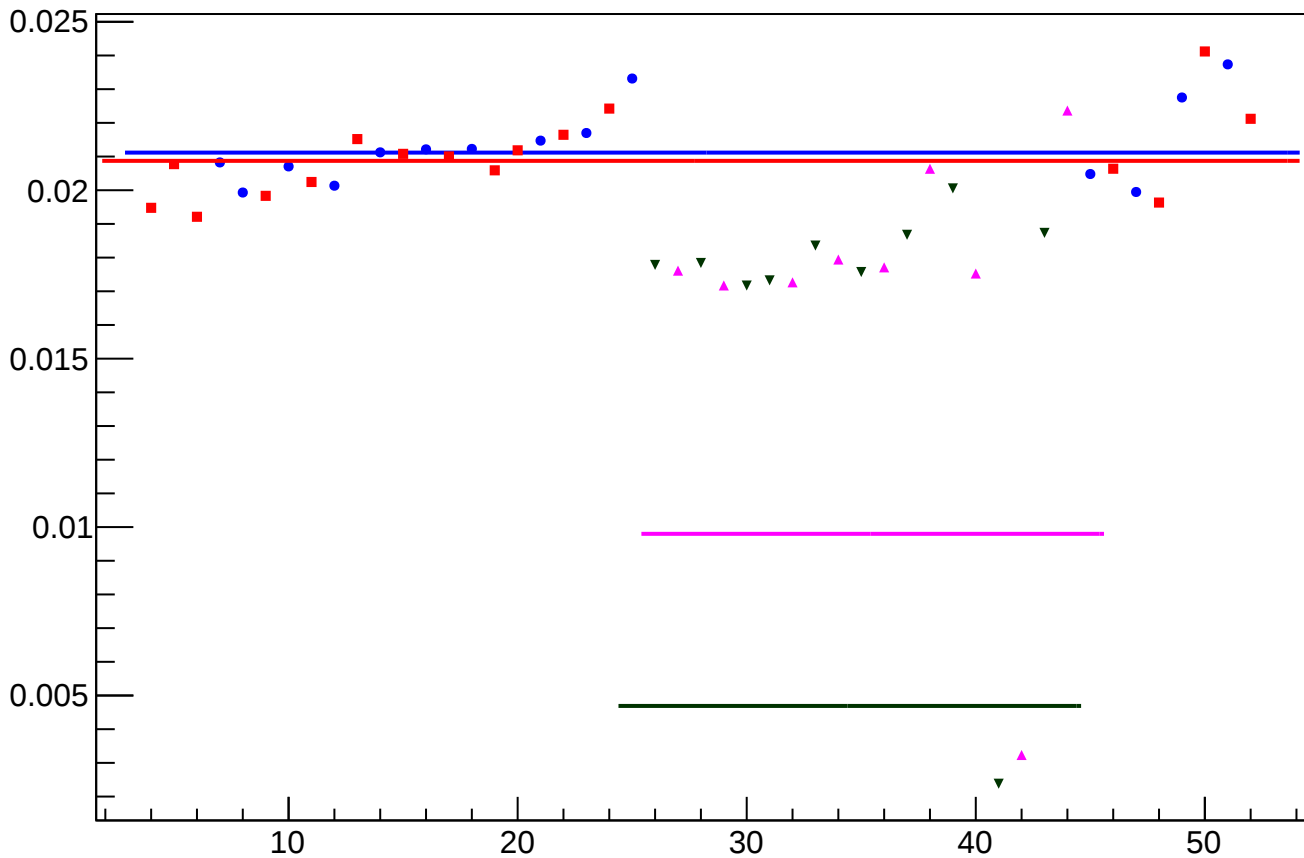
Right Out: -0.254 ± 0.000 χ^2/NDF : 10096212755.6/15

Left In: -0.746 ± 0.000 χ^2/NDF : 1268707812.5/8

-0.634 ± 0.000 χ^2/NDF : 12406552105.3/23

-0.572 ± 0.000 χ^2/NDF : 14320684918.5/24

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 40206.4/13

Left Out: 0.005+/-0.000 χ^2/NDF : 5998219.6/9

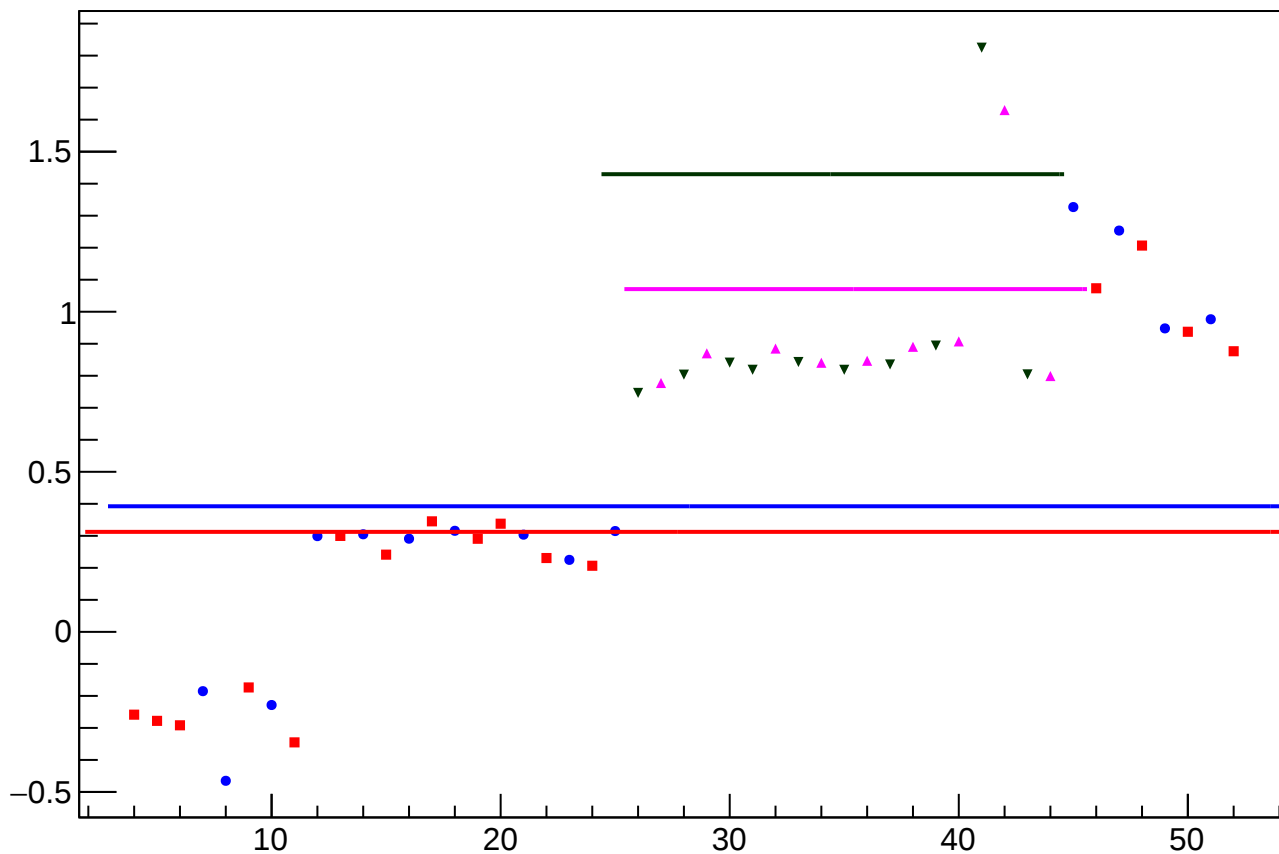
Right Out: 0.021+/-0.000 χ^2/NDF : 52741.4/15

Left In: 0.010+/-0.000 χ^2/NDF : 3818425.7/8

0.007+/-0.000 χ^2/NDF : 14833412.8/23

0.014+/-0.000 χ^2/NDF : 6871081.8/24

yield_bpm0l02Y_mean vs slug



Right In: 0.392+/-0.000 χ^2/NDF : 15898646792.5/13

Left Out: 1.430+/-0.000 χ^2/NDF : 20131817794.8/9

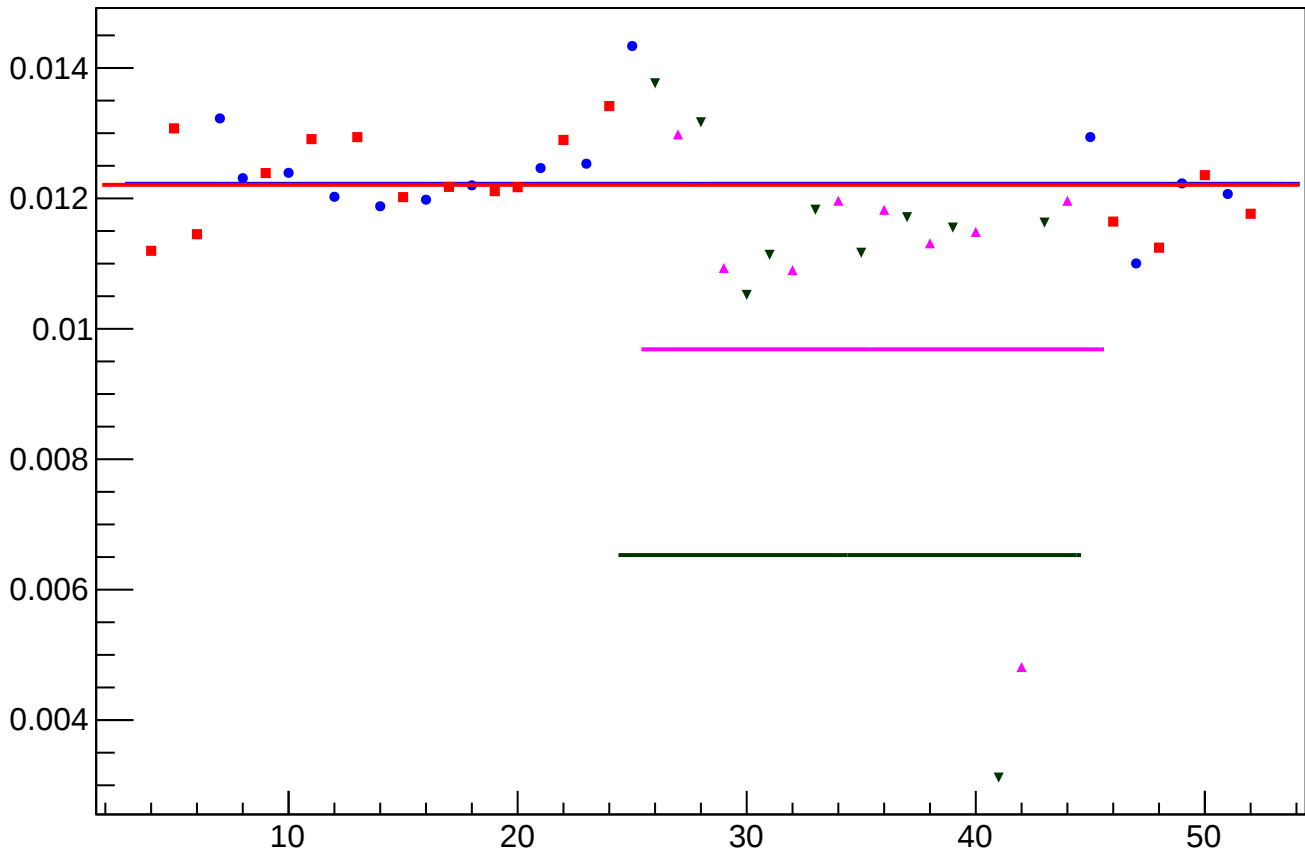
1.008+/-0.000 χ^2/NDF : 73021439703.2/23

Right Out: 0.312+/-0.000 χ^2/NDF : 13132423151.7/15

0.681+/-0.000 χ^2/NDF : 34666086749.1/24

Left In: 1.071+/-0.000 χ^2/NDF : 6285541515.9/8

yield_bpm0l02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 33730.5/13

Left Out: 0.007+/-0.000 χ^2/NDF :3050338.6/9

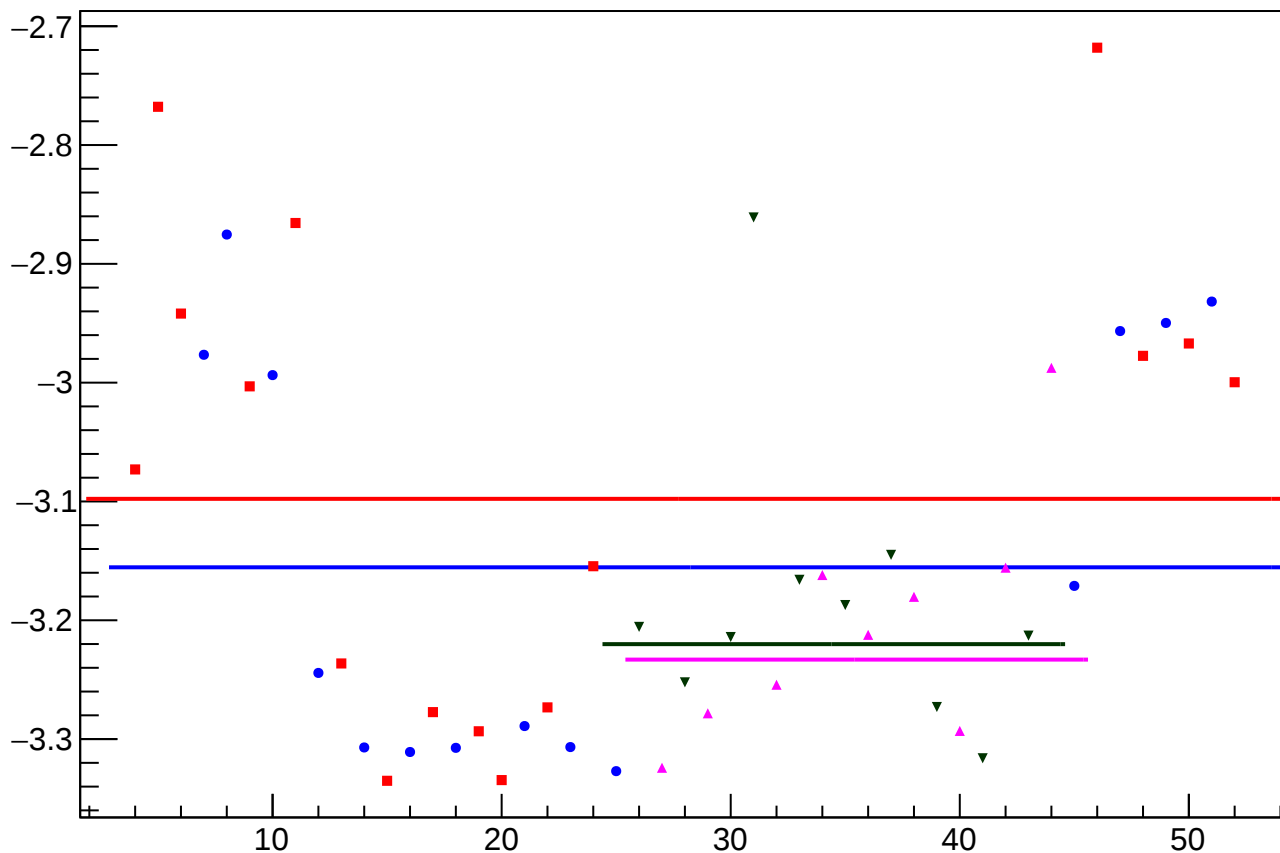
Right Out: 0.012+/-0.000 χ^2/NDF : 44530.1/15

Left In: 0.010+/-0.000 χ^2/NDF :979026.7/8

0.009+/-0.000 χ^2/NDF : 5313072.9/23

0.011+/-0.000 χ^2/NDF : 1361037.3/24

yield_bpm0l03X_mean vs slug



Right In: -3.155+/-0.000 χ^2/NDF : 3560812383.8/13

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

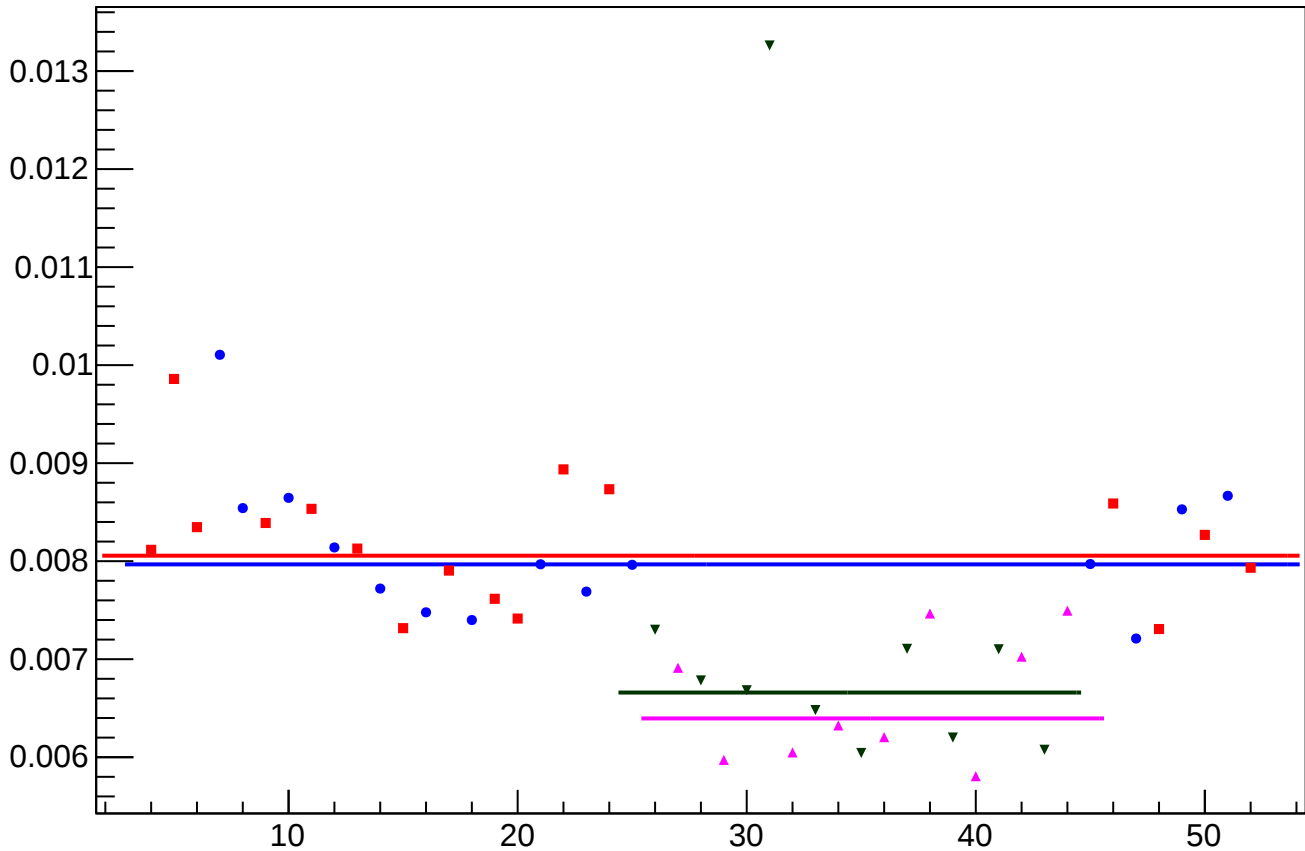
Right Out: -3.098+/-0.000 χ^2/NDF : 3607014173.3/15

Left In: -3.233+/-0.000 χ^2/NDF : 784509895.8/8

-3.185+/-0.000 χ^2/NDF : 4216232157.1/23

-3.168+/-0.000 χ^2/NDF : 5435392980.8/24

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 64594.6/13

Left Out: 0.007+/-0.000 χ^2/NDF :169219.9/9

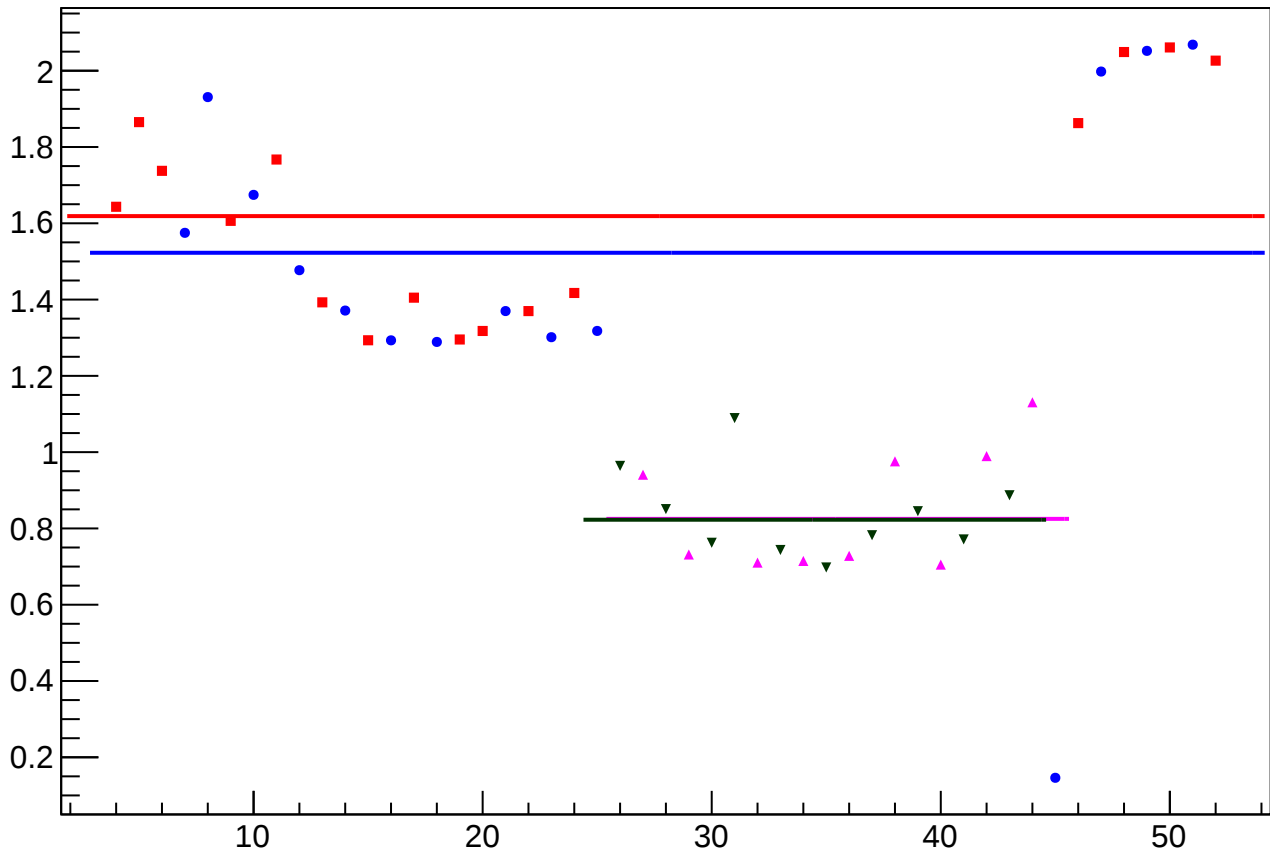
Right Out: 0.008+/-0.000 χ^2/NDF : 55631.6/15

Left In: 0.006+/-0.000 χ^2/NDF :72293.2/8

0.007+/-0.000 χ^2/NDF : 419504.7/23

0.007+/-0.000 χ^2/NDF : 442246.5/24

yield_bpm0l03Y_mean vs slug



Right In: 1.523+/-0.000 χ^2/NDF : 20020440962.0/13

Left Out: 0.823+/-0.000 χ^2/NDF : 373202951.2/9

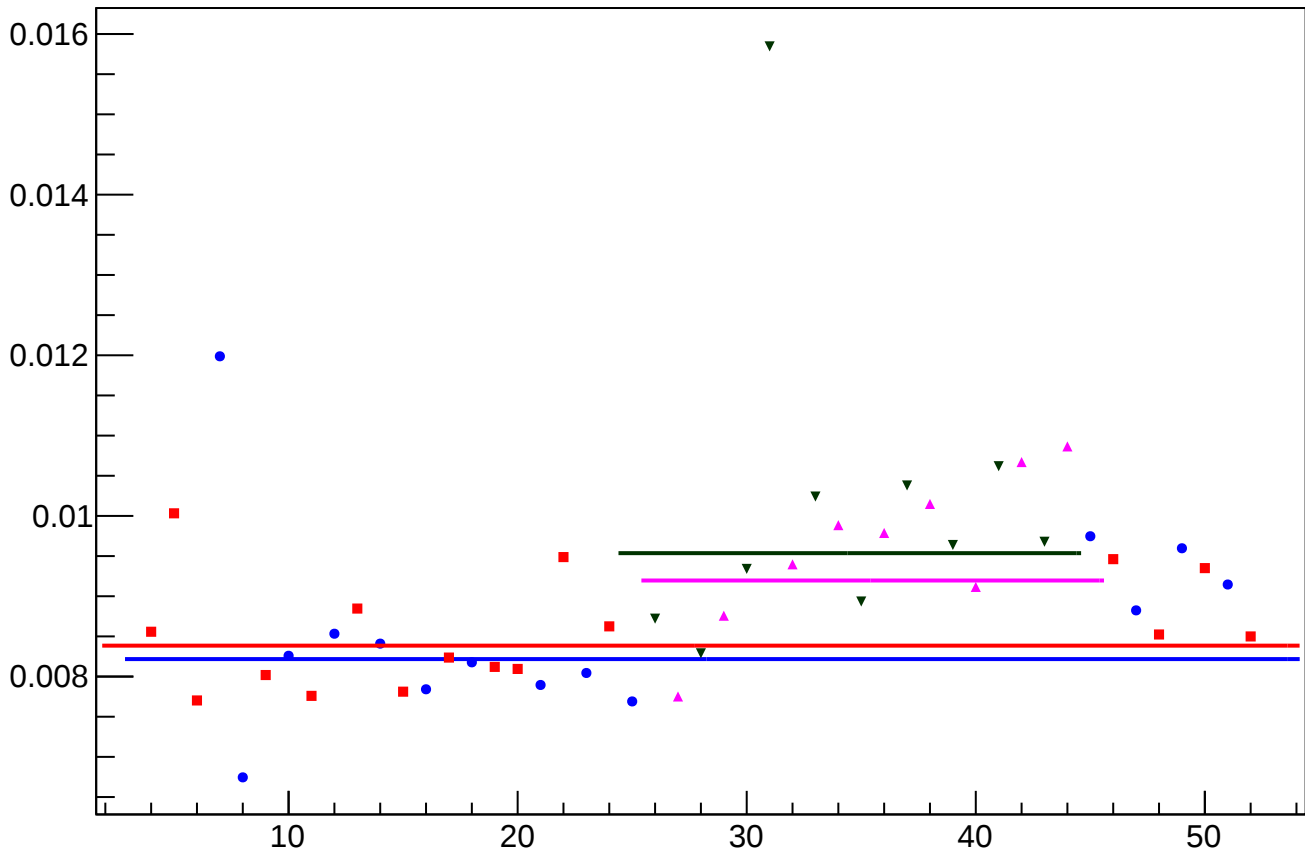
1.311+/-0.000 χ^2/NDF : 36810522567.0/23

Right Out: 1.619+/-0.000 χ^2/NDF : 7341539766.6/15

1.329+/-0.000 χ^2/NDF : 31269211886.3/24

Left In: 0.825+/-0.000 χ^2/NDF : 1054829783.2/8

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 174724.6/13

Left Out: 0.010+/-0.000 χ^2/NDF :144258.2/9

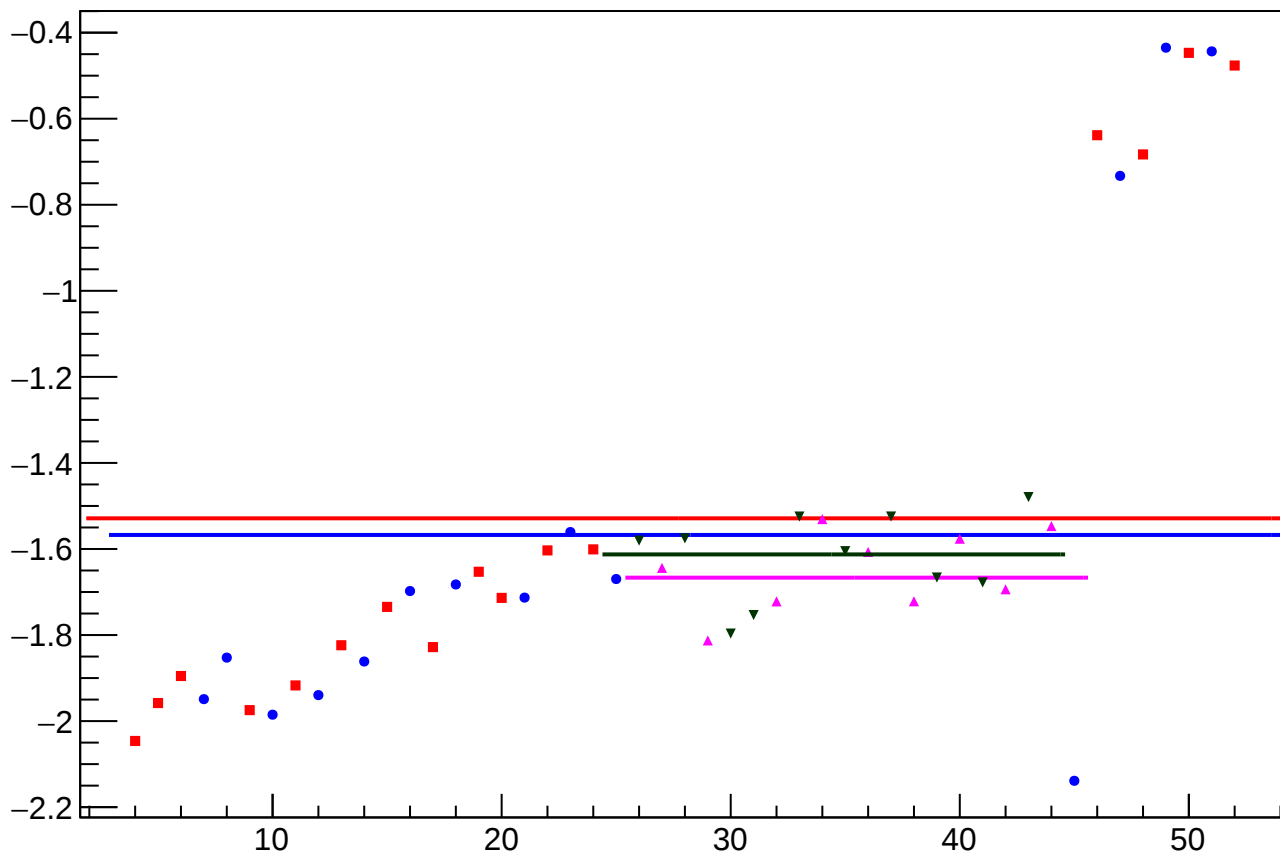
Right Out: 0.008+/-0.000 χ^2/NDF : 63980.8/15

Left In: 0.009+/-0.000 χ^2/NDF :103784.9/8

0.009+/-0.000 χ^2/NDF : 435584.2/23

0.009+/-0.000 χ^2/NDF : 215528.9/24

yield_bpm0l04X_mean vs slug



Right In: -1.567 ± 0.000 χ^2/NDF : 19960069434.5/13

Left Out: -1.613 ± 0.000 χ^2/NDF : 327148879.4/9

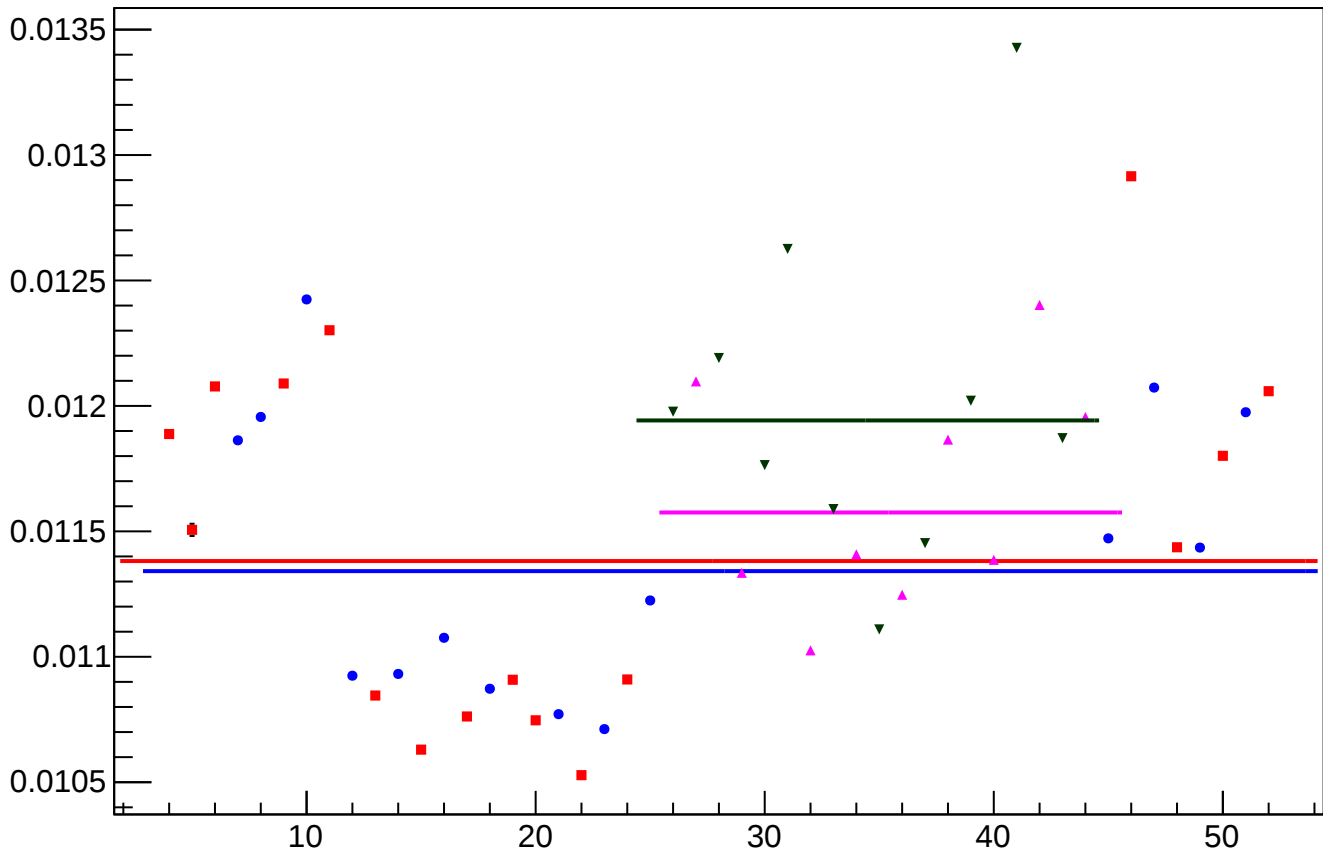
Right Out: -1.529 ± 0.000 χ^2/NDF : 17828590007.4/15

Left In: -1.667 ± 0.000 χ^2/NDF : 344212253.5/8

-1.583 ± 0.000 χ^2/NDF : 20336018254.3/23

-1.583 ± 0.000 χ^2/NDF : 18651498843.4/24

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 40107.5/13

Left Out: 0.012+/-0.000 χ^2/NDF :25348.0/9

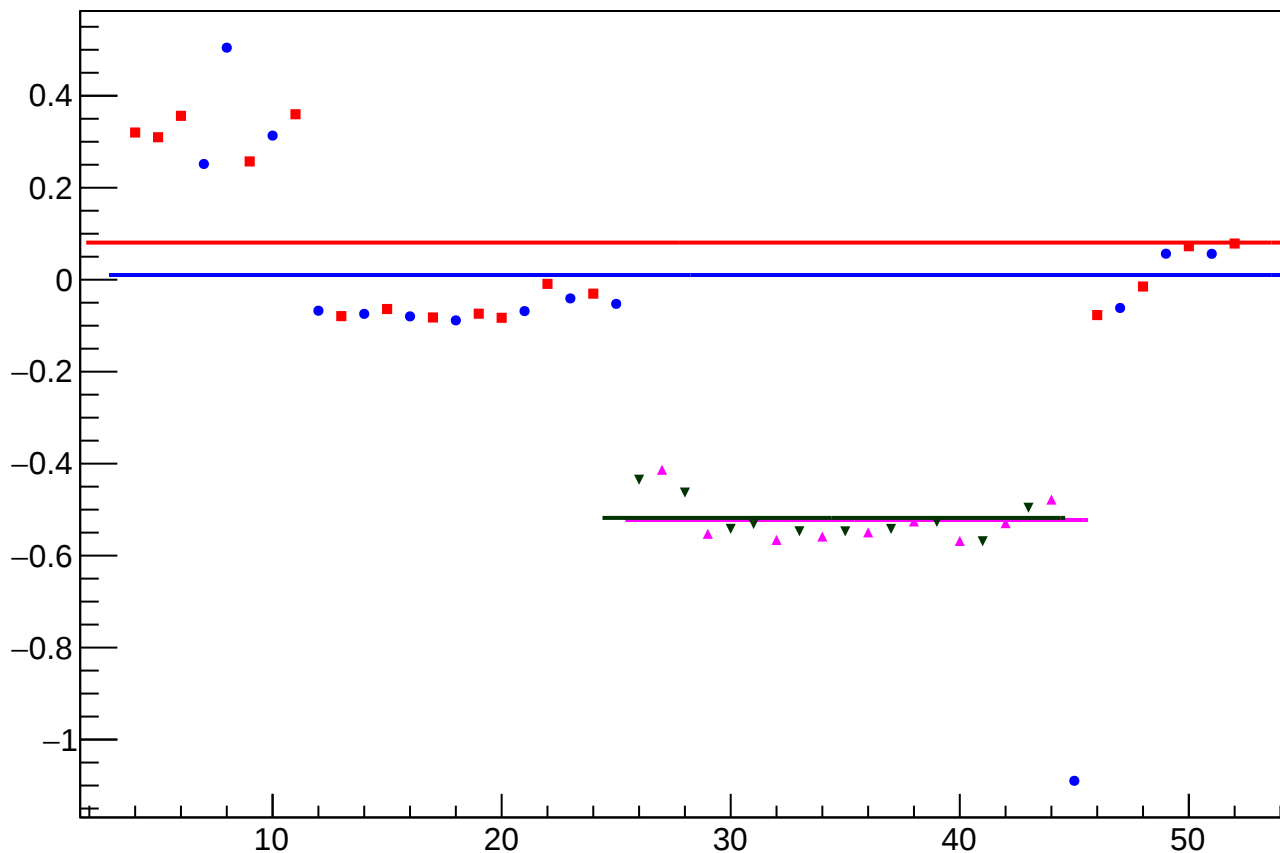
Right Out: 0.011+/-0.000 χ^2/NDF : 62284.7/15

Left In: 0.012+/-0.000 χ^2/NDF :15888.6/8

0.012+/-0.000 χ^2/NDF : 82657.1/23

0.011+/-0.000 χ^2/NDF : 80059.5/24

yield_bpm0l04Y_mean vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 18069220311.9/13

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

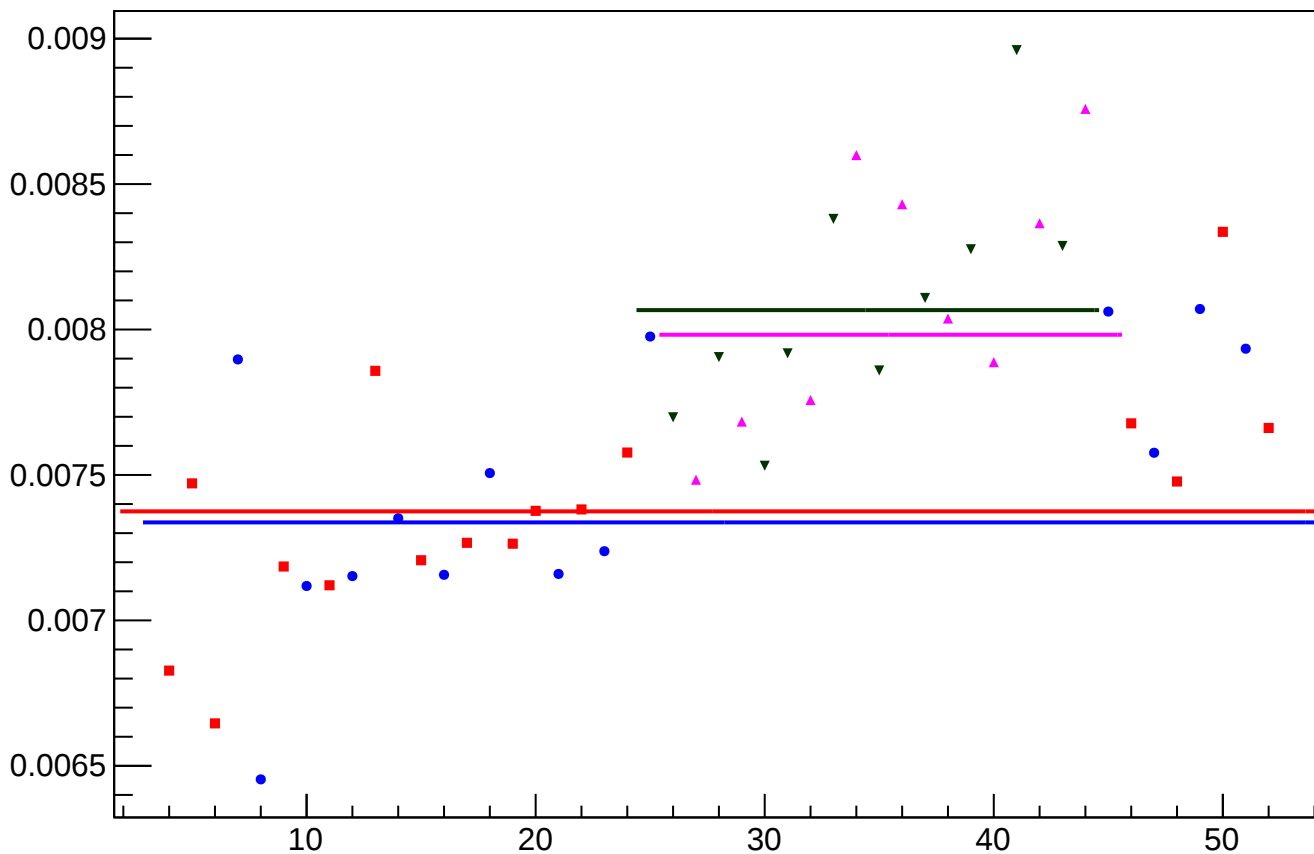
Right Out: 0.081+/-0.000 χ^2/NDF : 4558062490.0/15

Left In: -0.523+/-0.000 χ^2/NDF : 258155612.5/8

-0.164+/-0.000 χ^2/NDF : 32950202219.6/23

-0.141+/-0.000 χ^2/NDF : 24684473068.7/24

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 72550.1/13

Left Out: 0.008+/-0.000 χ^2/NDF : 23022.1/9

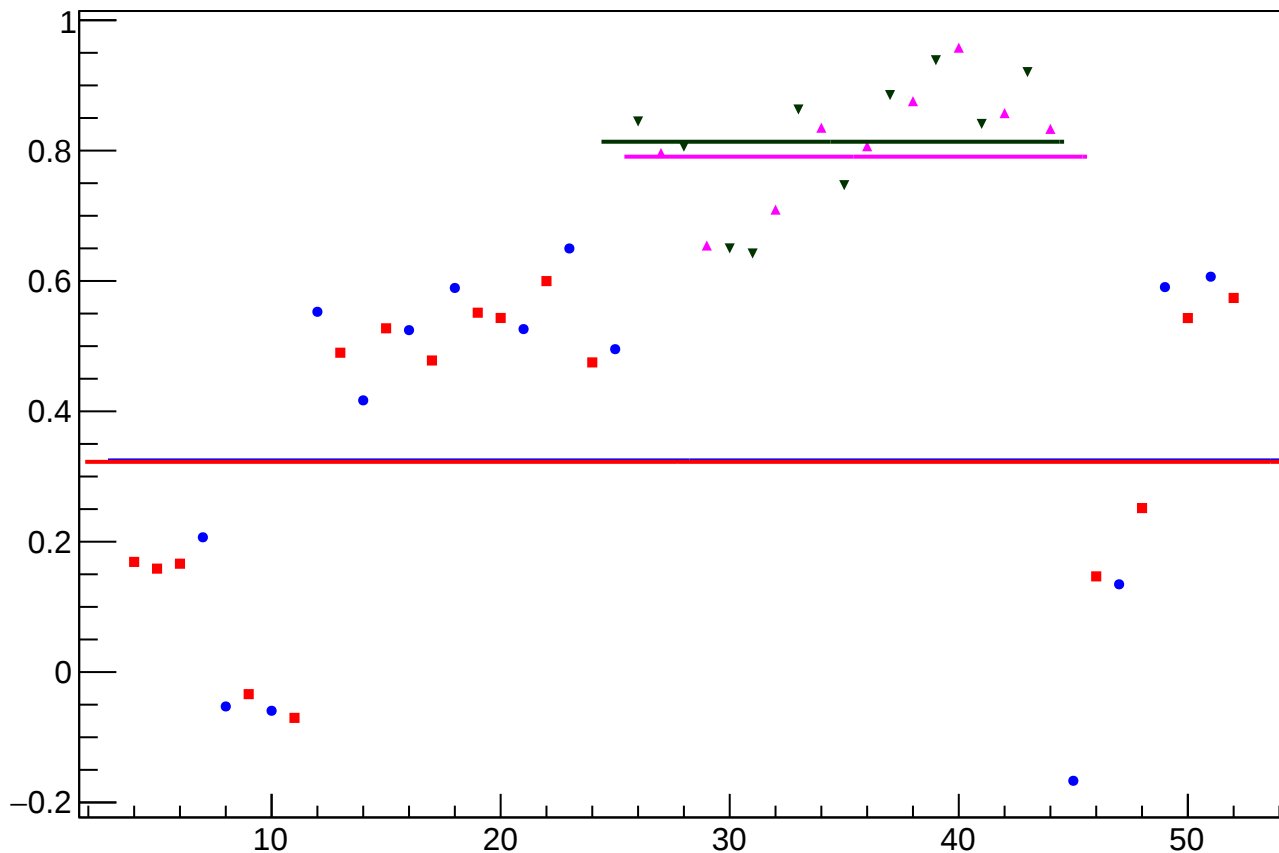
Right Out: 0.007+/-0.000 χ^2/NDF : 45285.1/15

Left In: 0.008+/-0.000 χ^2/NDF : 29355.6/8

0.008+/-0.000 χ^2/NDF : 151878.0/23

0.008+/-0.000 χ^2/NDF : 114907.1/24

yield_bpm0l05X_mean vs slug



Right In: 0.325+/-0.000 χ^2/NDF : 14832554406.8/13

Left Out: 0.814+/-0.000 χ^2/NDF : 993349923.9/9

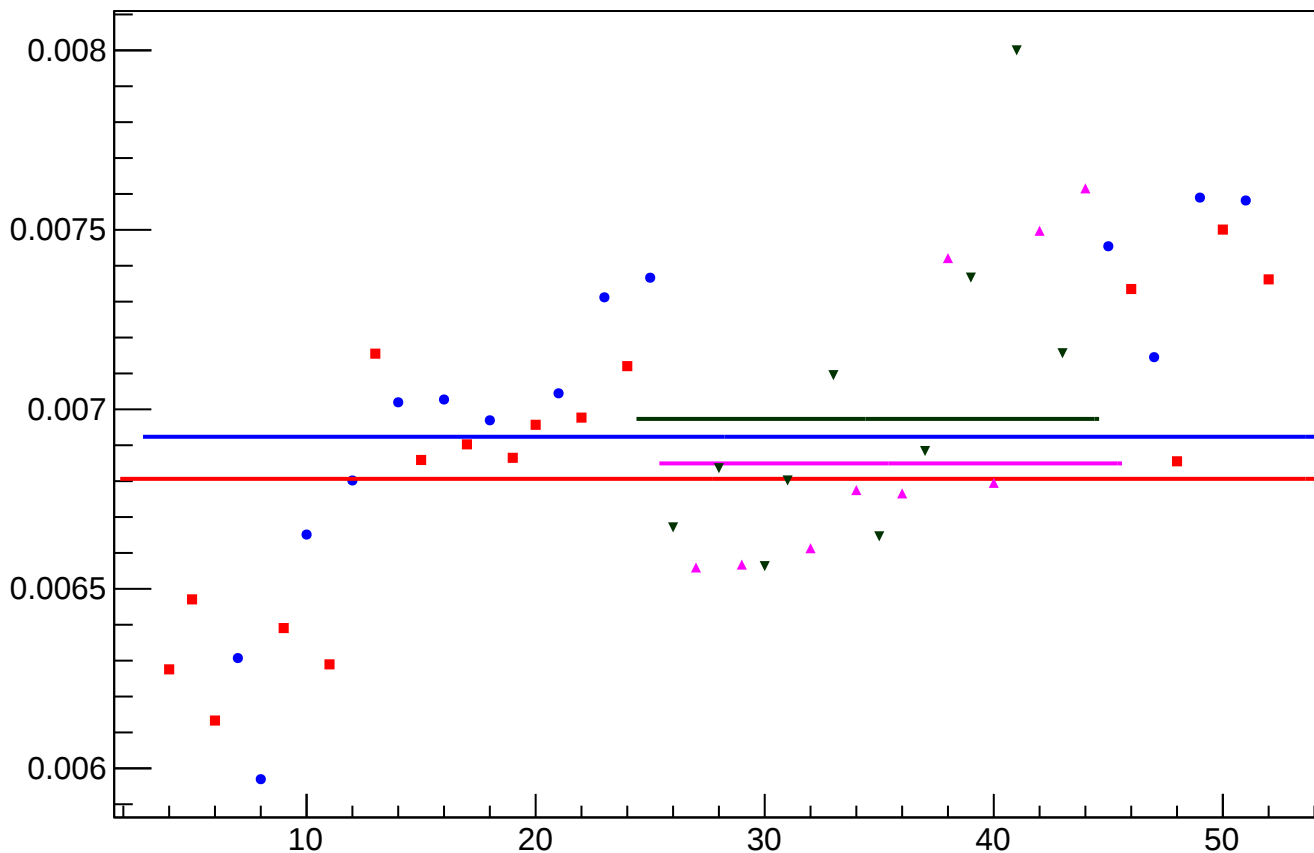
0.507+/-0.000 χ^2/NDF : 31929264746.3/23

Right Out: 0.323+/-0.000 χ^2/NDF : 10023175573.5/15

0.510+/-0.000 χ^2/NDF : 26473182433.8/24

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 : 85362.6/13

Left Out: 0.007+/-0.000 χ^2/NDF : 32912.7/9

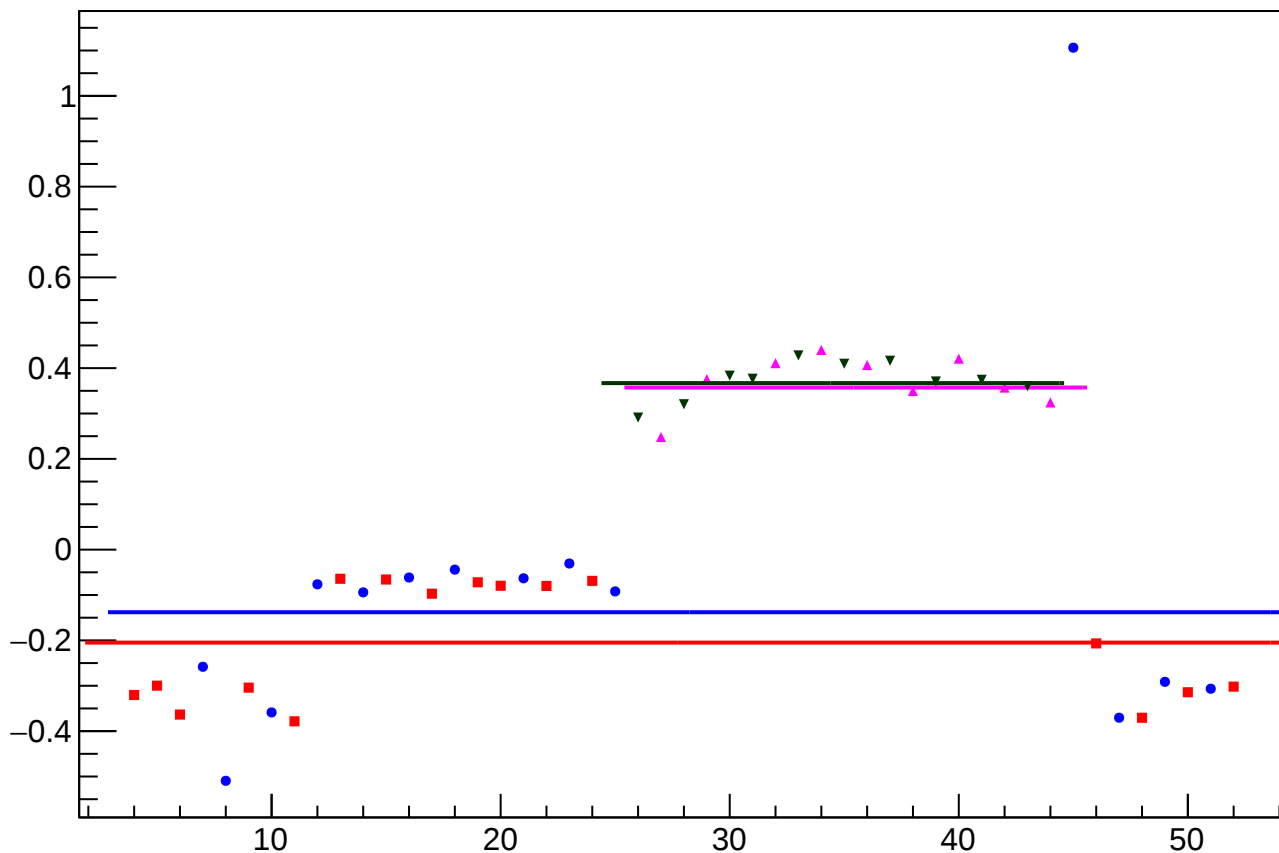
Right Out: 0.007+/-0.000 χ^2/NDF : 62366.9/15

Left In: 0.007+/-0.000 χ^2/NDF : 33164.0/8

0.007+/-0.000 χ^2/NDF : 118608.9/23

0.007+/-0.000 χ^2/NDF : 95792.9/24

yield_bpm0l05Y_mean vs slug



Right In: -0.138+/-0.000 χ^2/NDF : 35568162701.3/13

Left Out: 0.367+/-0.000 χ^2/NDF :258003359.9/9

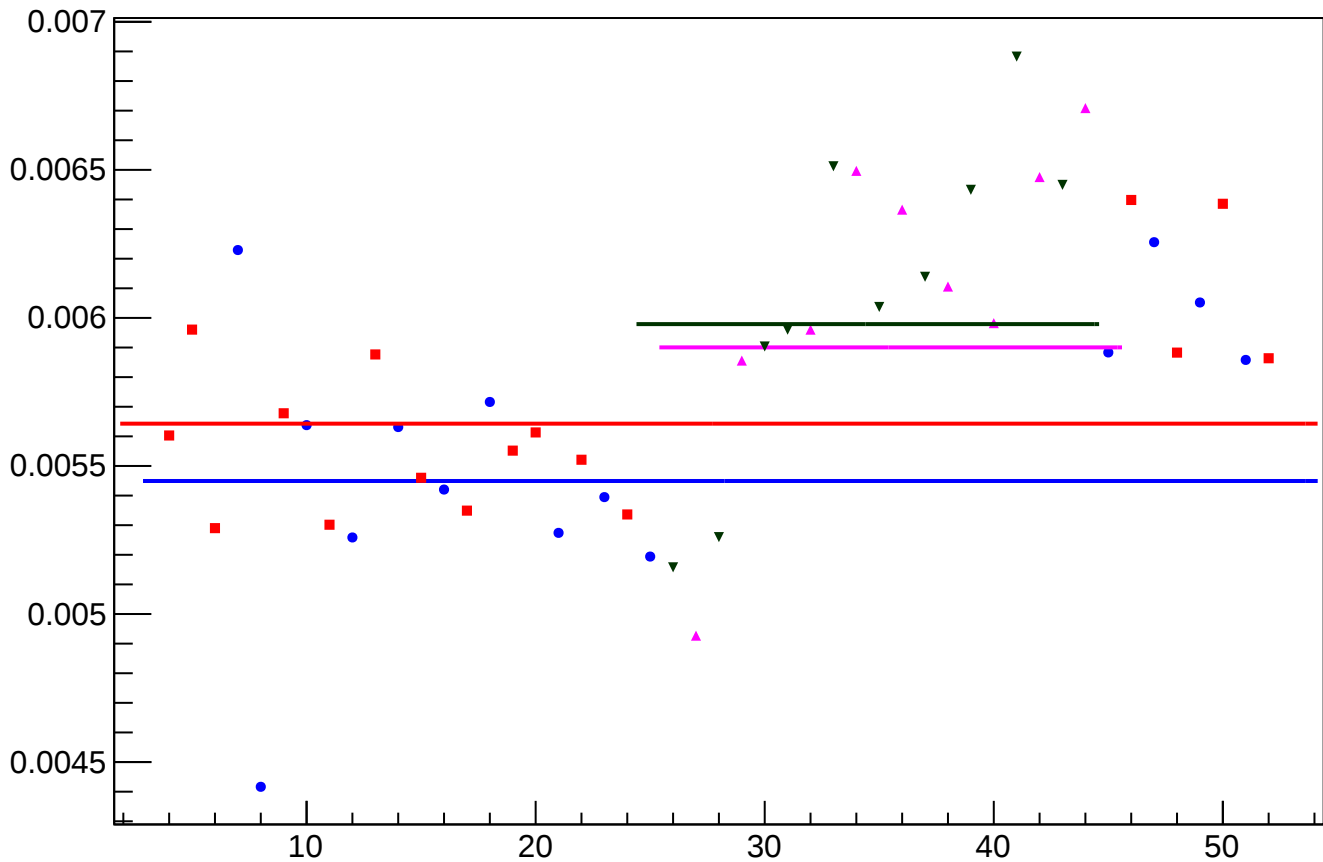
Right Out: -0.205+/-0.000 χ^2/NDF : 4298340312.5/15

Left In: 0.357+/-0.000 χ^2/NDF :650314960.7/8

0.028+/-0.000 χ^2/NDF : 59961202575.6/23

0.010+/-0.000 χ^2/NDF : 35331326144.7/24

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 157265.7/13

Left Out: 0.006+/-0.000 χ^2/NDF : 84407.0/9

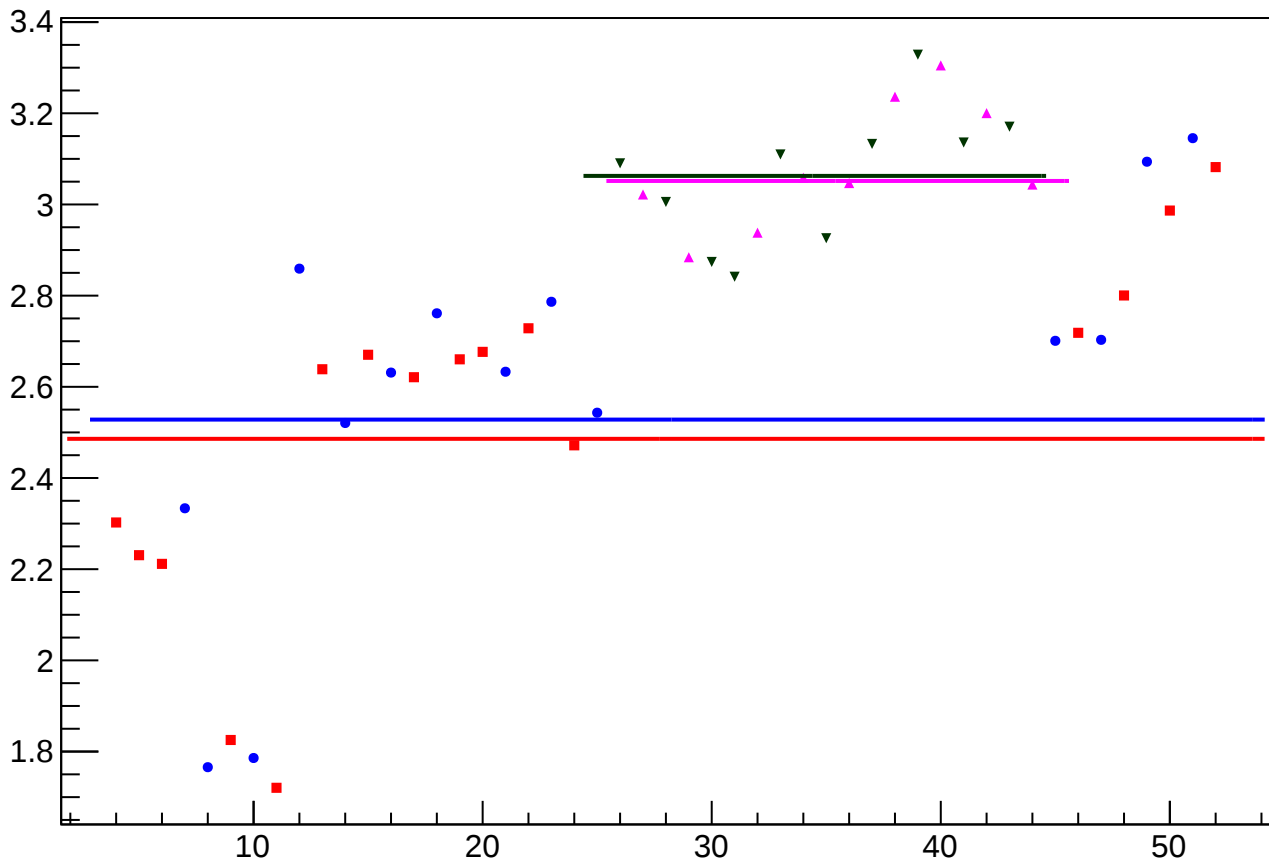
Right Out: 0.006+/-0.000 χ^2/NDF : 52499.0/15

Left In: 0.006+/-0.000 χ^2/NDF : 101099.8/8

0.006+/-0.000 χ^2/NDF : 294816.8/23

0.006+/-0.000 χ^2/NDF : 166359.0/24

yield_bpm0l06X_mean vs slug



Right In: 2.528+/-0.000 χ^2/NDF : 11732529515.3/13

Left Out: 3.063+/-0.000 χ^2/NDF : 1107067165.5/9

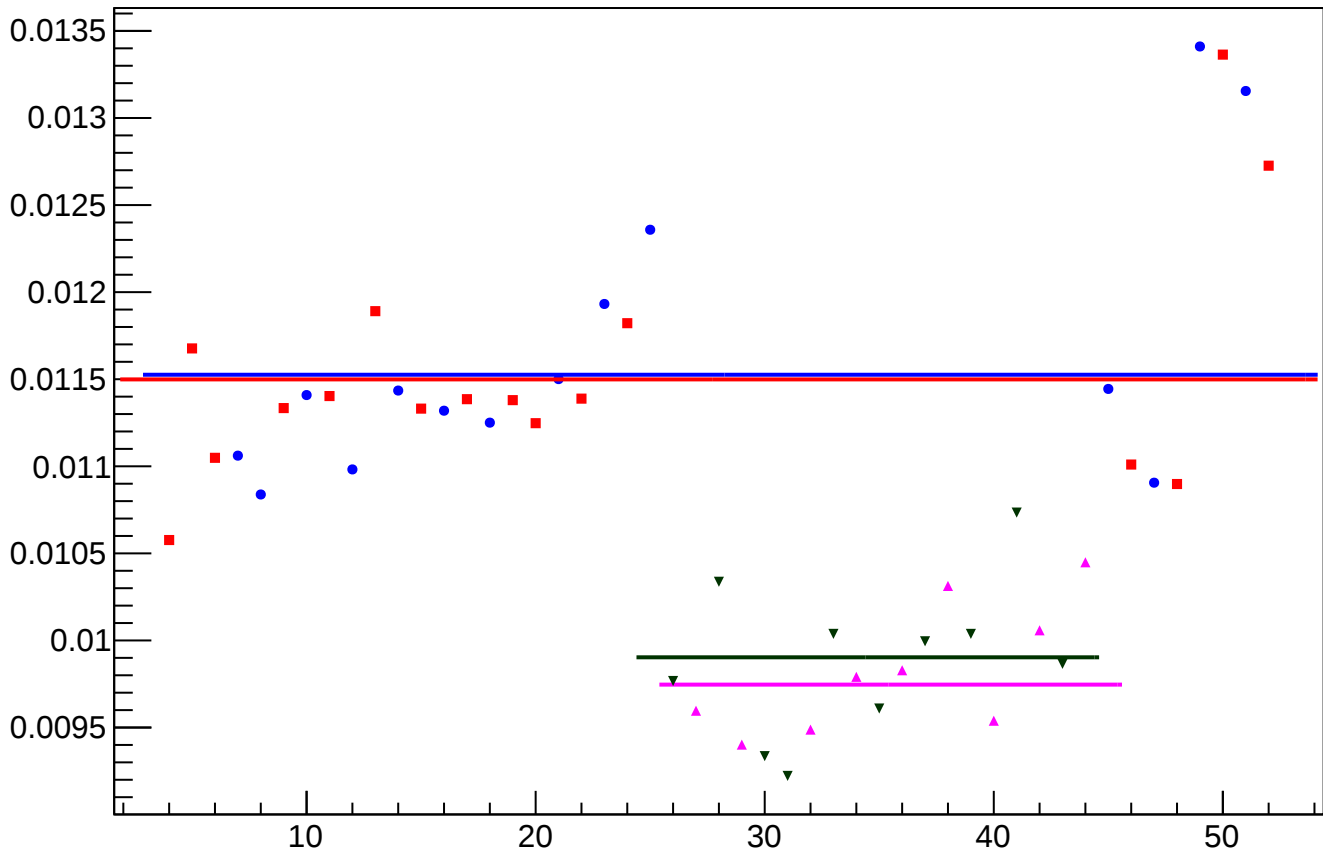
2.769+/-0.000 χ^2/NDF : 21252486571.5/23

Right Out: 2.486+/-0.000 χ^2/NDF : 9269815402.4/15

2.761+/-0.000 χ^2/NDF : 19889037862.2/24

Left In: 3.052+/-0.000 χ^2/NDF : 1015989993.5/8

yield_bpm0l06X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 66450.0/13

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:18813.8/9

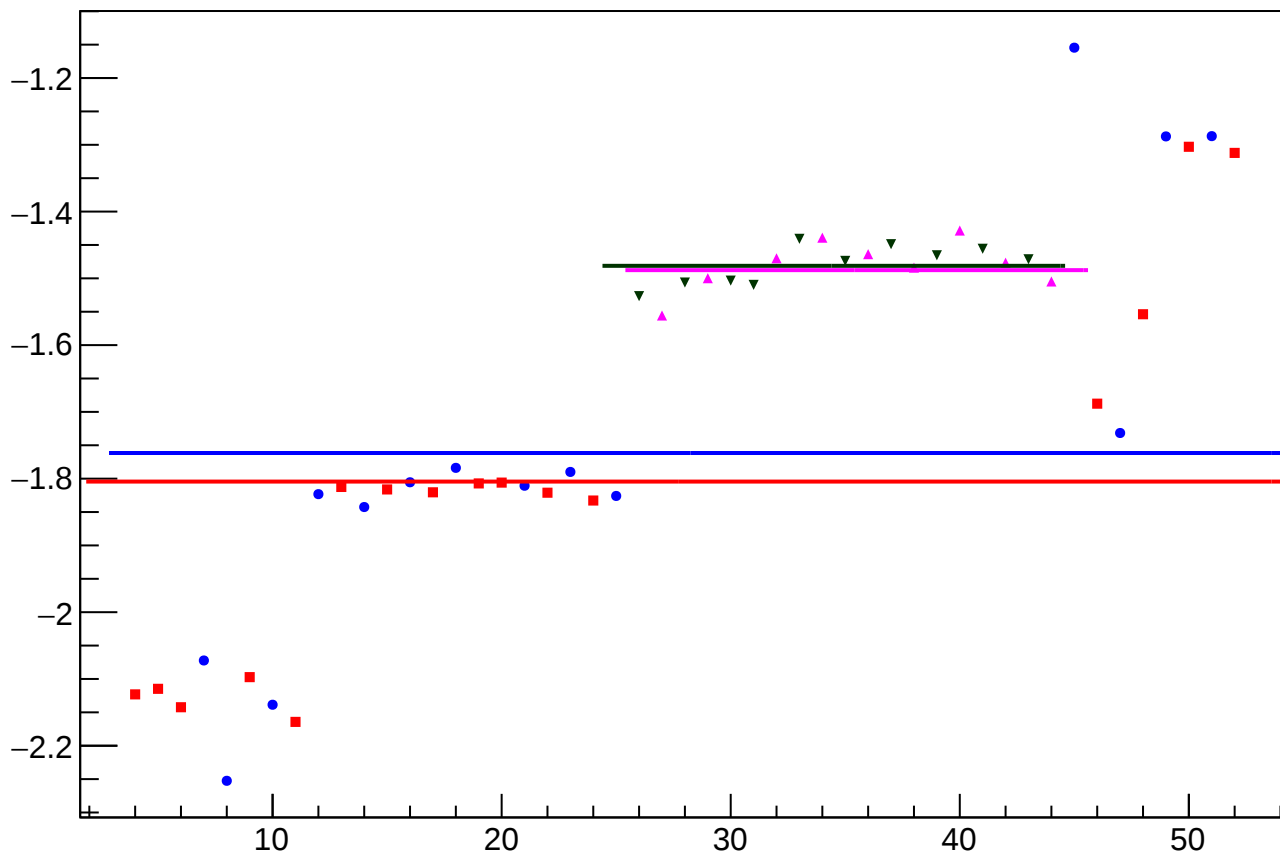
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 46568.5/15

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:13193.9/8

0.011 $\pm$ 0.000 χ^2 /NDF: 240295.4/23

0.011 $\pm$ 0.000 χ^2 /NDF: 244158.4/24

yield_bpm0l06Y_mean vs slug



Right In: -1.762 ± 0.000 χ^2/NDF : 42393737354.7/13

Left Out: -1.481 ± 0.000 χ^2/NDF : 133314200.9/9

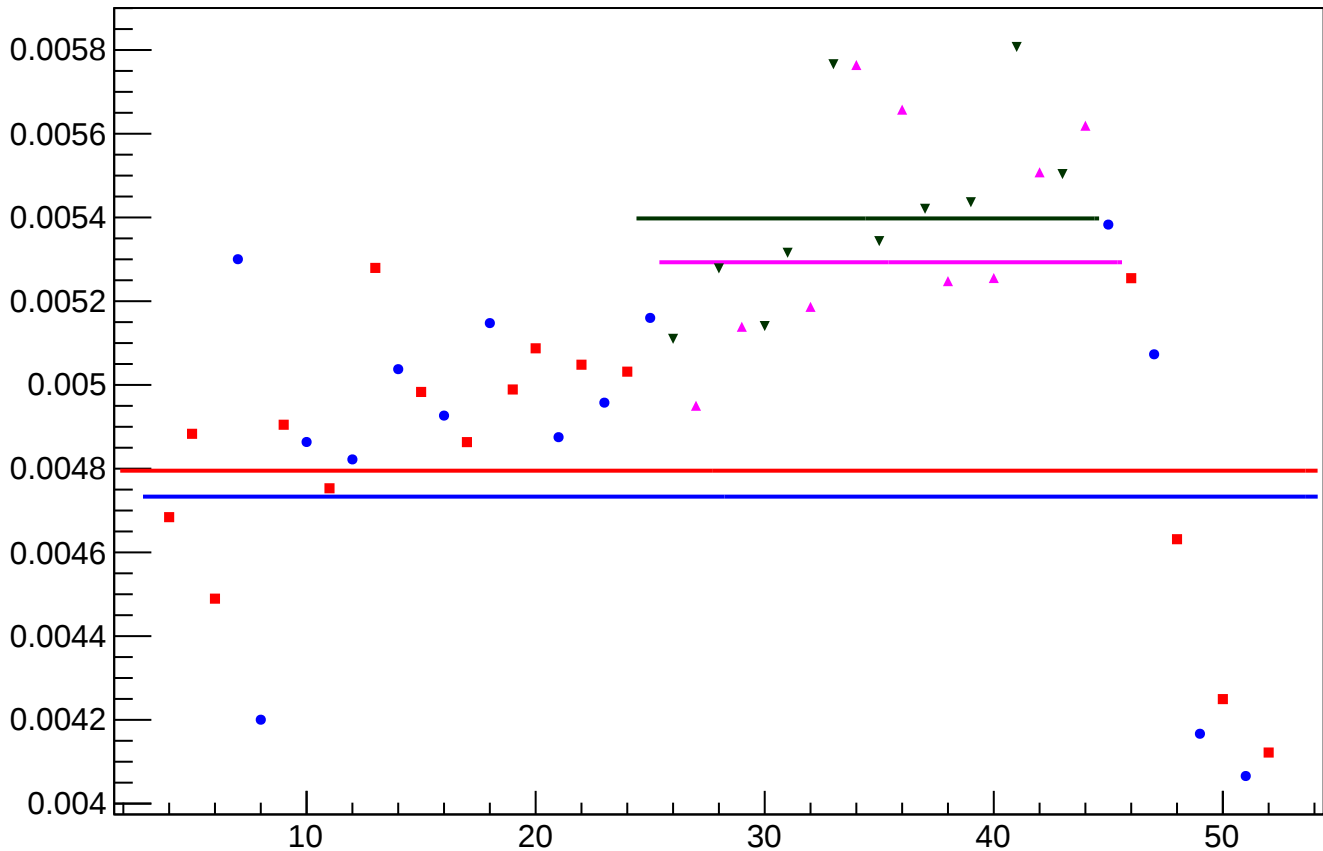
Right Out: -1.804 ± 0.000 χ^2/NDF : 27738310141.6/15

Left In: -1.488 ± 0.000 χ^2/NDF : 281282296.5/8

-1.673 ± 0.000 χ^2/NDF : 52018248960.9/23

-1.691 ± 0.000 χ^2/NDF : 40653590736.8/24

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 137263.9/13

Left Out: 0.005+/-0.000 χ^2/NDF :16600.8/9

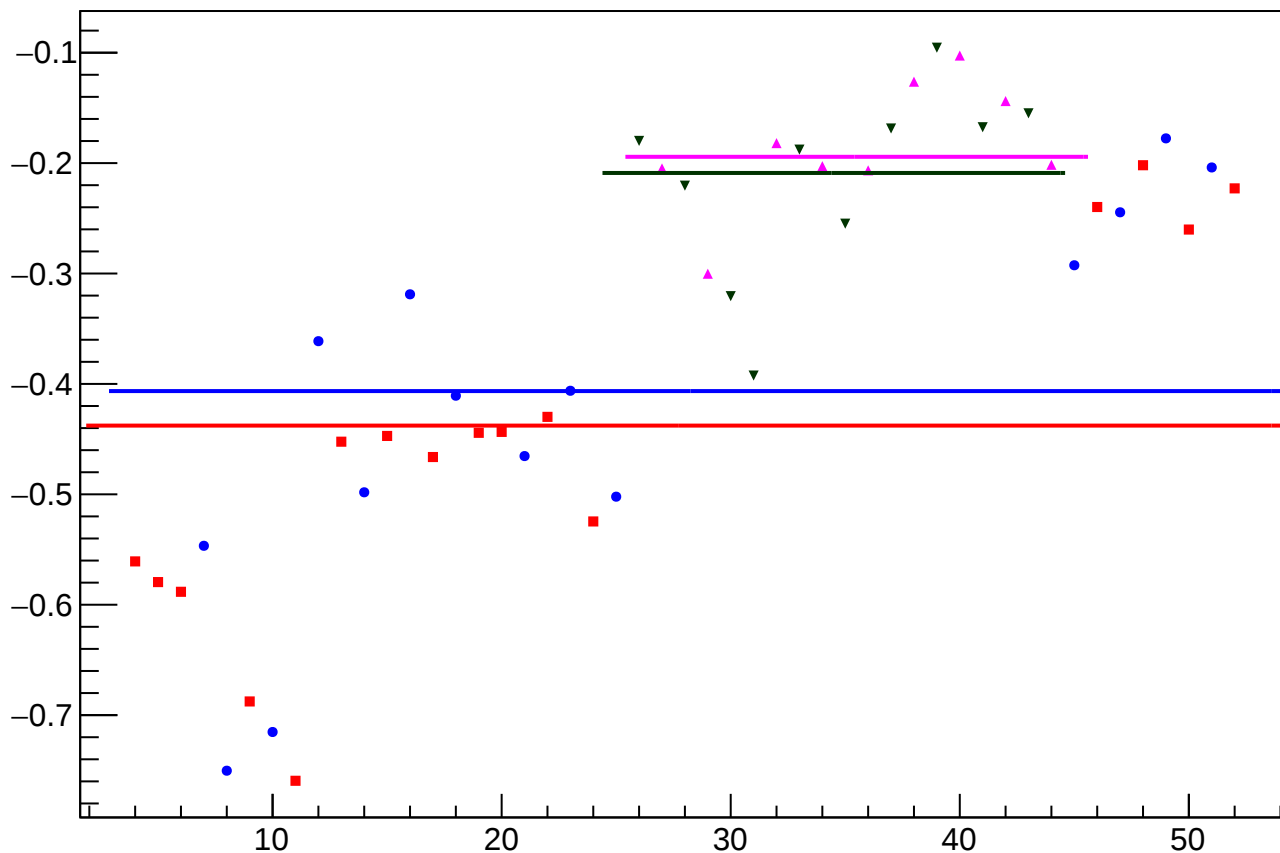
Right Out: 0.005+/-0.000 χ^2/NDF : 85004.2/15

Left In: 0.005+/-0.000 χ^2/NDF :25779.4/8

0.005+/-0.000 χ^2/NDF : 260508.2/23

0.005+/-0.000 χ^2/NDF : 173239.1/24

yield_bpm0l07X_mean vs slug



Right In: -0.406+/-0.000 χ^2/NDF : 1240186593.8/13

Left Out: -0.209+/-0.000 χ^2/NDF : 145606796.2/9

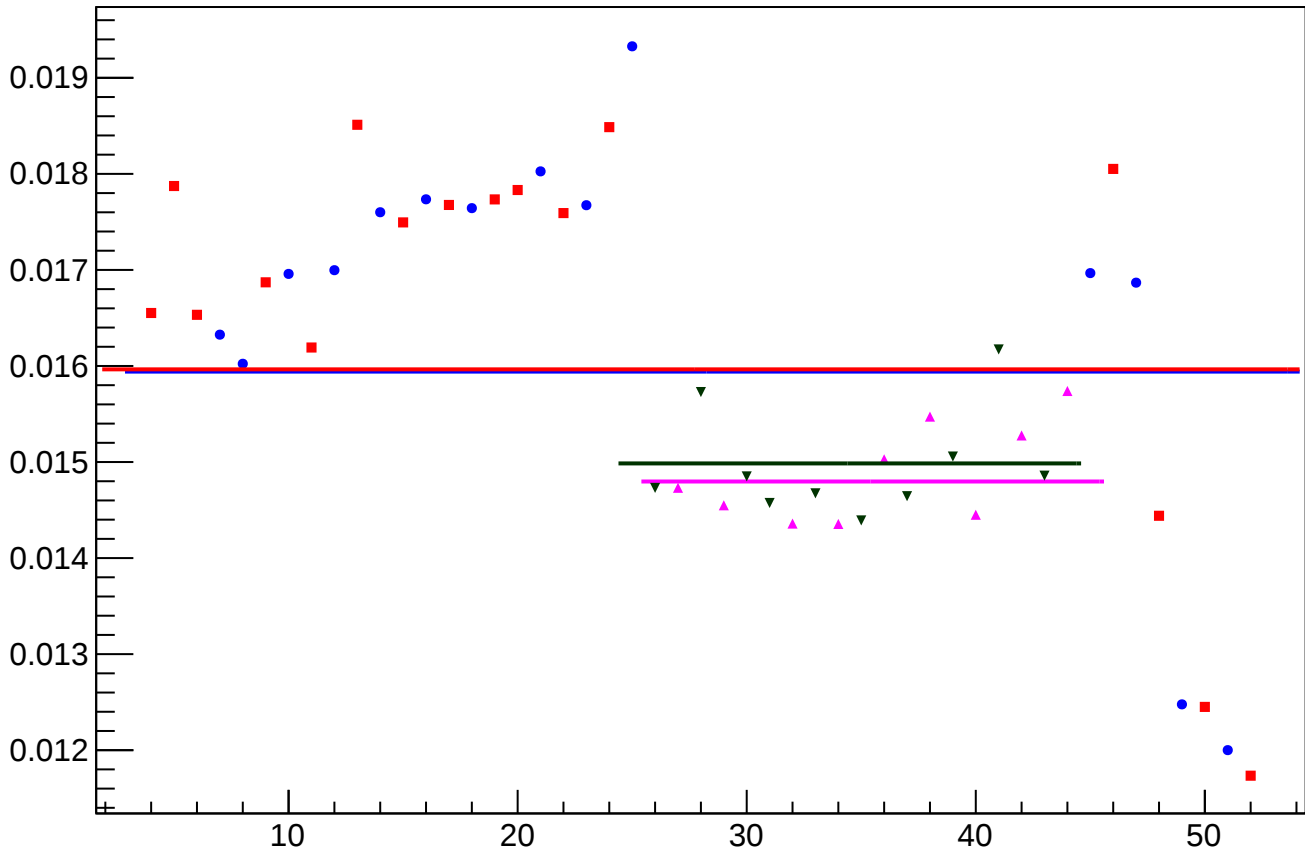
Right Out: -0.438+/-0.000 χ^2/NDF : 974568220.7/15

Left In: -0.194+/-0.000 χ^2/NDF : 81659796.5/8

-0.325+/-0.000 χ^2/NDF : 1928886376.9/23

-0.328+/-0.000 χ^2/NDF : 1889269234.7/24

yield_bpm0l07X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 336903.7/13

Left Out: 0.015+/-0.000 χ^2/NDF :13214.2/9

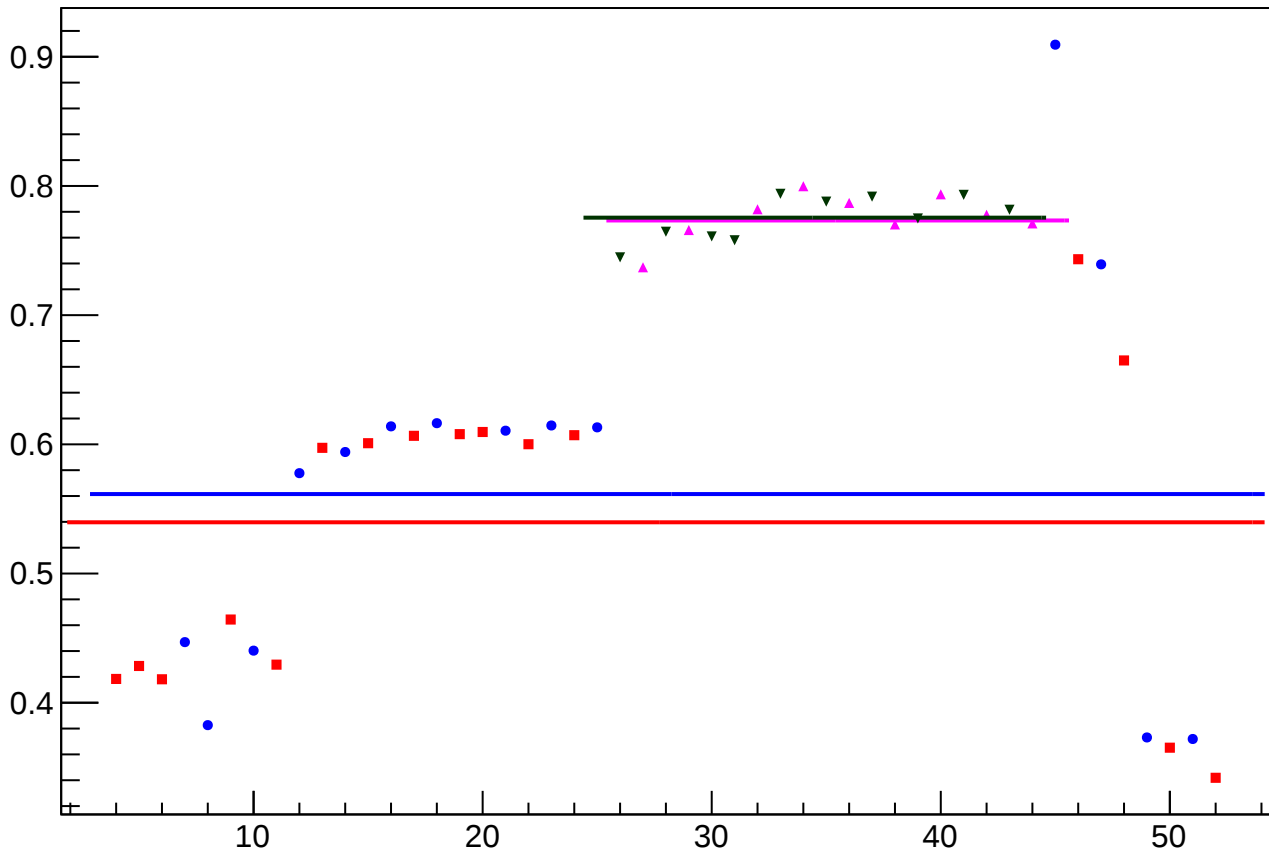
0.016+/-0.000 χ^2/NDF : 375551.8/23

Right Out: 0.016+/-0.000 χ^2/NDF : 349186.7/15

0.015+/-0.000 χ^2/NDF : 398063.6/24

Left In: 0.015+/-0.000 χ^2/NDF :10554.2/8

yield_bpm0l07Y_mean vs slug



Right In: 0.562 ± 0.000 χ^2/NDF : 16572228913.0/13

Left Out: 0.775 ± 0.000 χ^2/NDF : 122038329.5/9

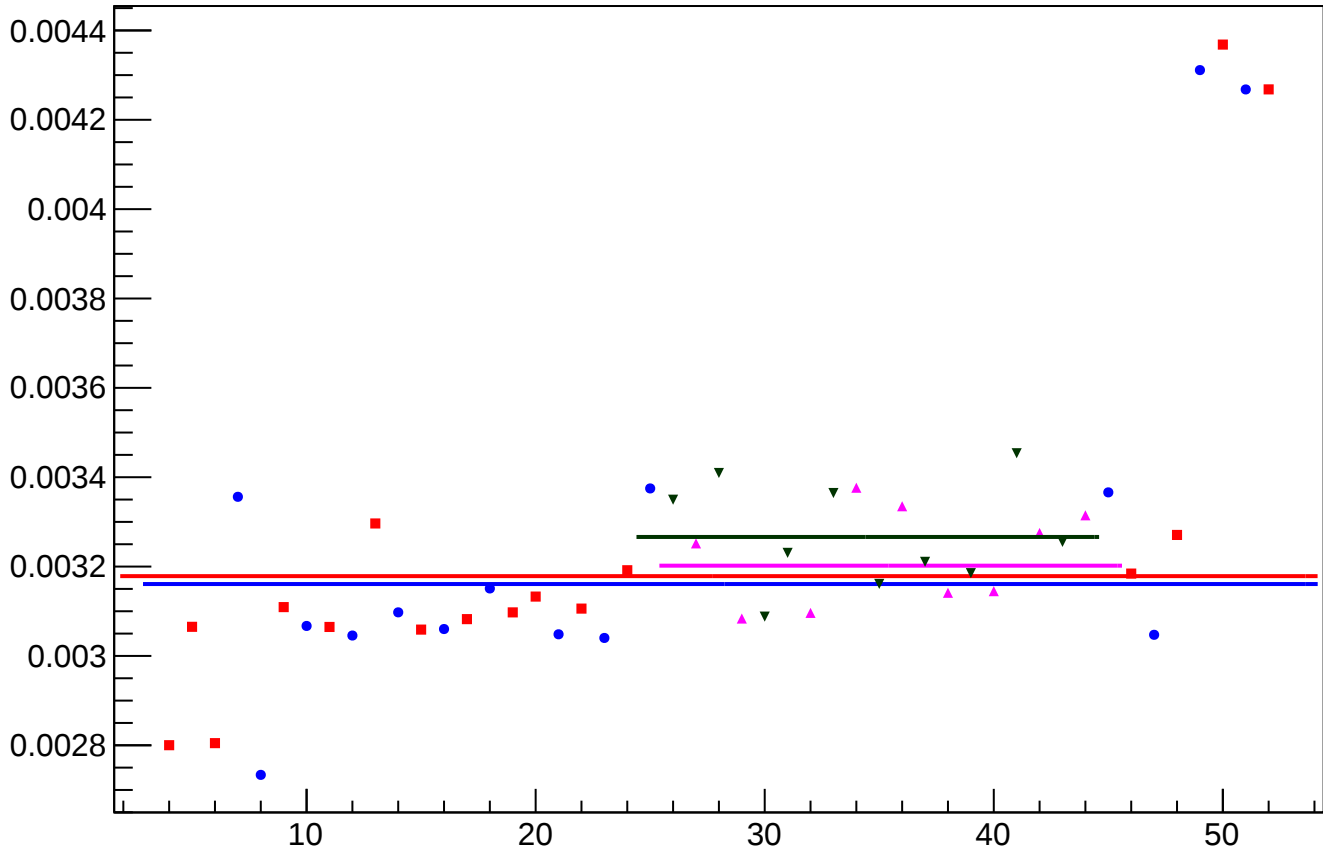
0.639 ± 0.000 χ^2/NDF : 30874525476.2/23

Right Out: 0.540 ± 0.000 χ^2/NDF : 9221509332.6/15

0.634 ± 0.000 χ^2/NDF : 26948588496.7/24

Left In: 0.773 ± 0.000 χ^2/NDF : 173800769.3/8

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 243282.4/13

Left Out: 0.003+/-0.000 χ^2/NDF :12873.3/9

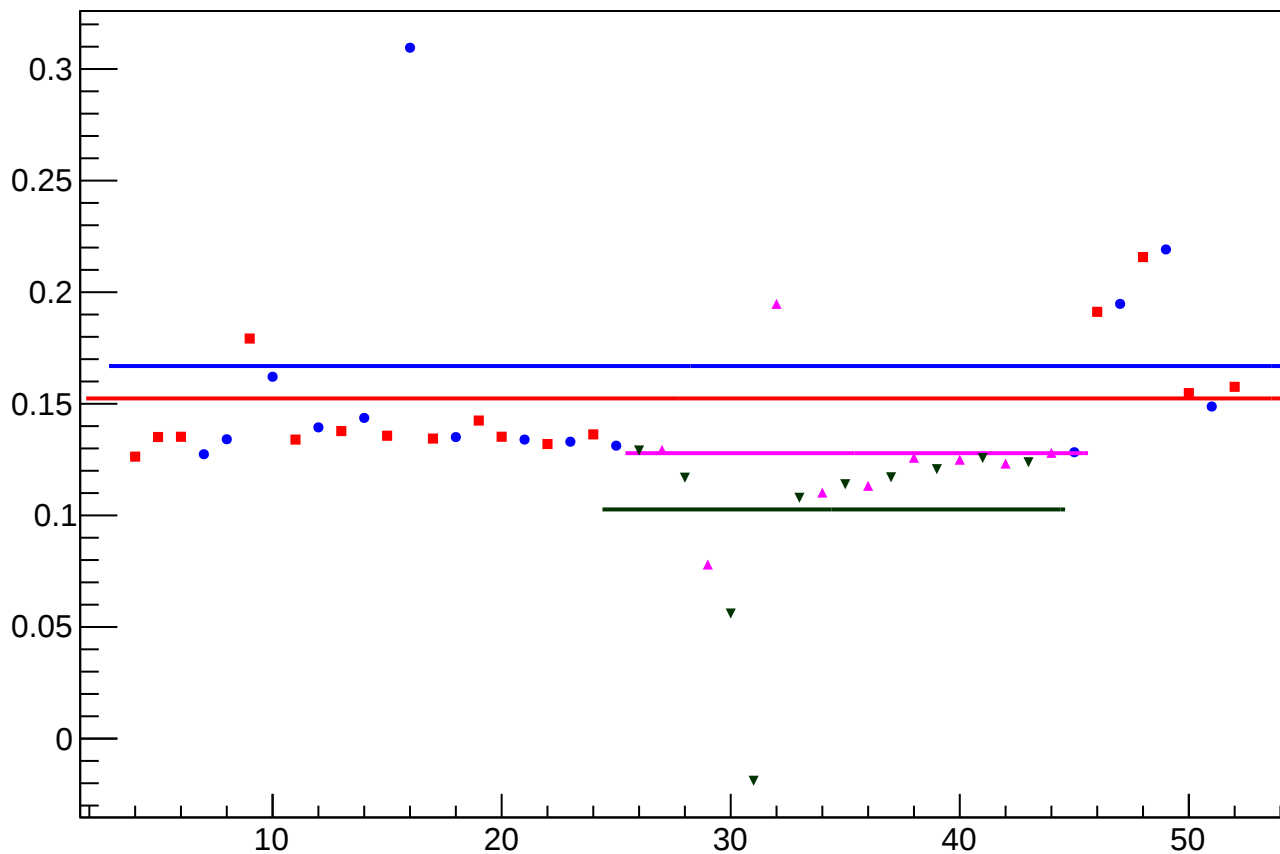
Right Out: 0.003+/-0.000 χ^2/NDF : 186319.7/15

Left In: 0.003+/-0.000 χ^2/NDF :11463.7/8

0.003+/-0.000 χ^2/NDF : 263036.1/23

0.003+/-0.000 χ^2/NDF : 198136.6/24

yield_bpm0l08X_mean vs slug



Right In: 0.167 $\pm$ 0.000 χ^2 /NDF: 91140527.1/13

Left Out: 0.103 $\pm$ 0.000 χ^2 /NDF: 42575286.2/9

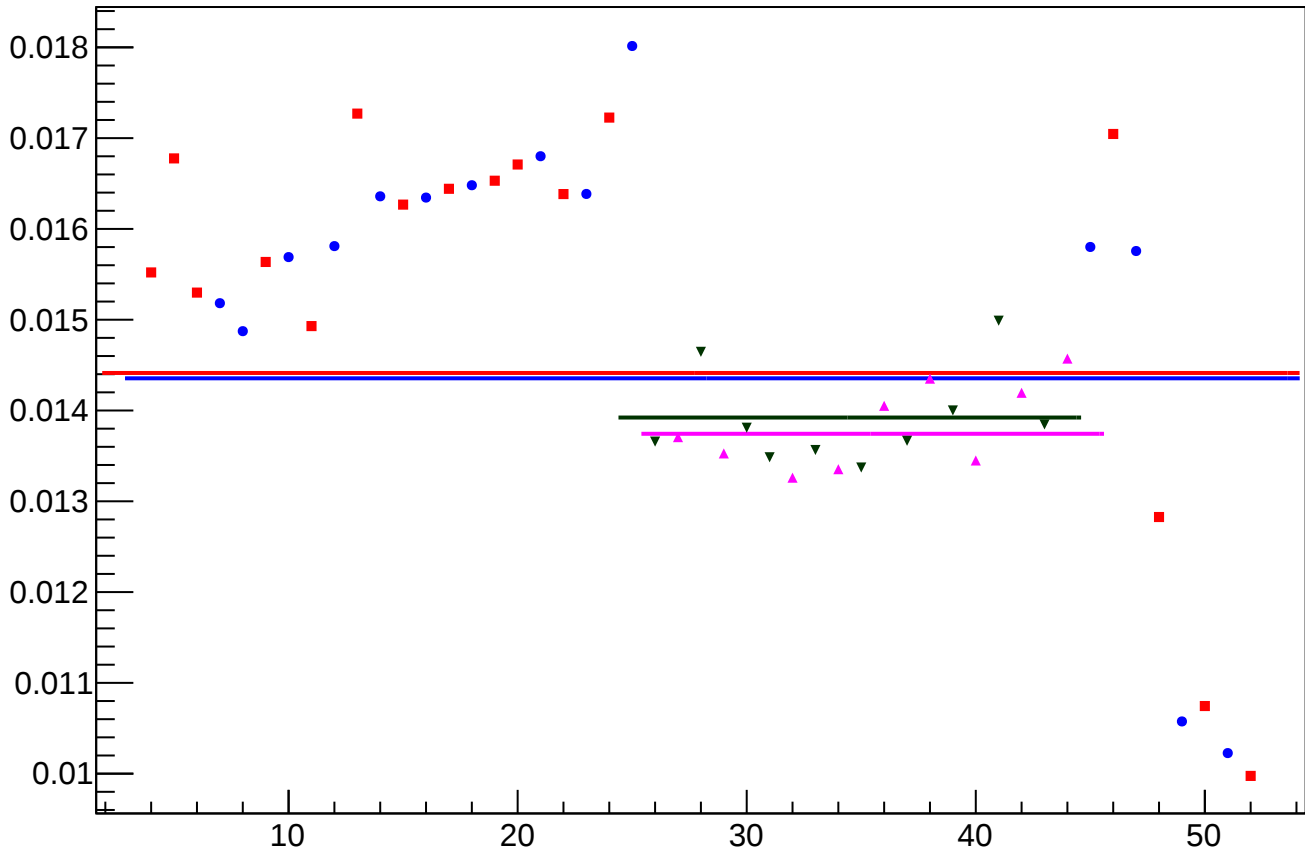
Right Out: 0.152 $\pm$ 0.000 χ^2 /NDF: 22095425.8/15

Left In: 0.128 $\pm$ 0.000 χ^2 /NDF: 35319224.9/8

0.141 $\pm$ 0.000 χ^2 /NDF: 201579979.5/23

0.142 $\pm$ 0.000 χ^2 /NDF: 67381171.1/24

yield_bpm0l08X_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 550137.7/13

Left Out: 0.014+/-0.000 χ^2/NDF :13410.6/9

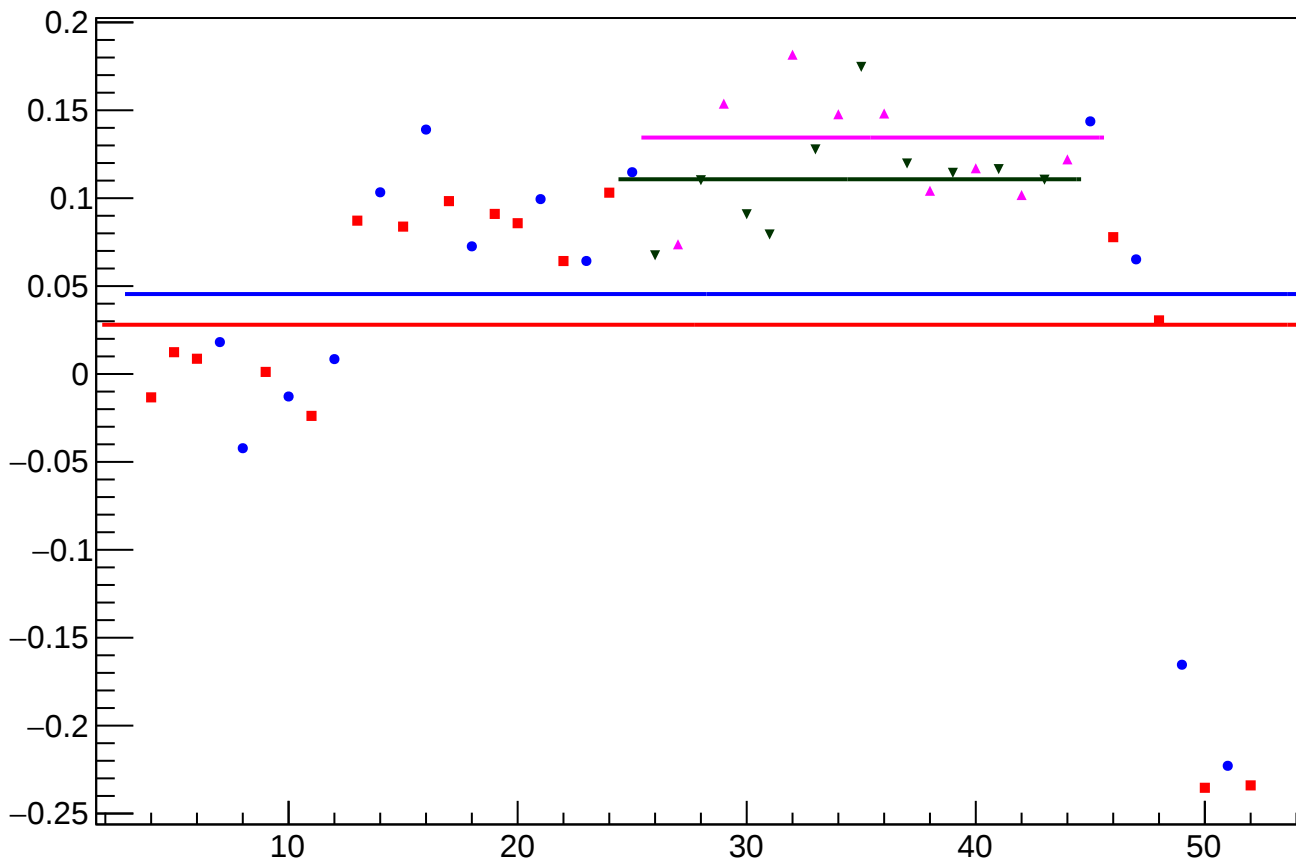
Right Out: 0.014+/-0.000 χ^2/NDF : 536760.8/15

Left In: 0.014+/-0.000 χ^2/NDF :10776.7/8

0.014+/-0.000 χ^2/NDF : 569683.3/23

0.014+/-0.000 χ^2/NDF : 562414.7/24

yield_bpm0l08Y_mean vs slug



Right In: 0.045+/-0.000 χ^2/NDF : 5680127291.4/13

Left Out: 0.111+/-0.000 χ^2/NDF : 325634113.5/9

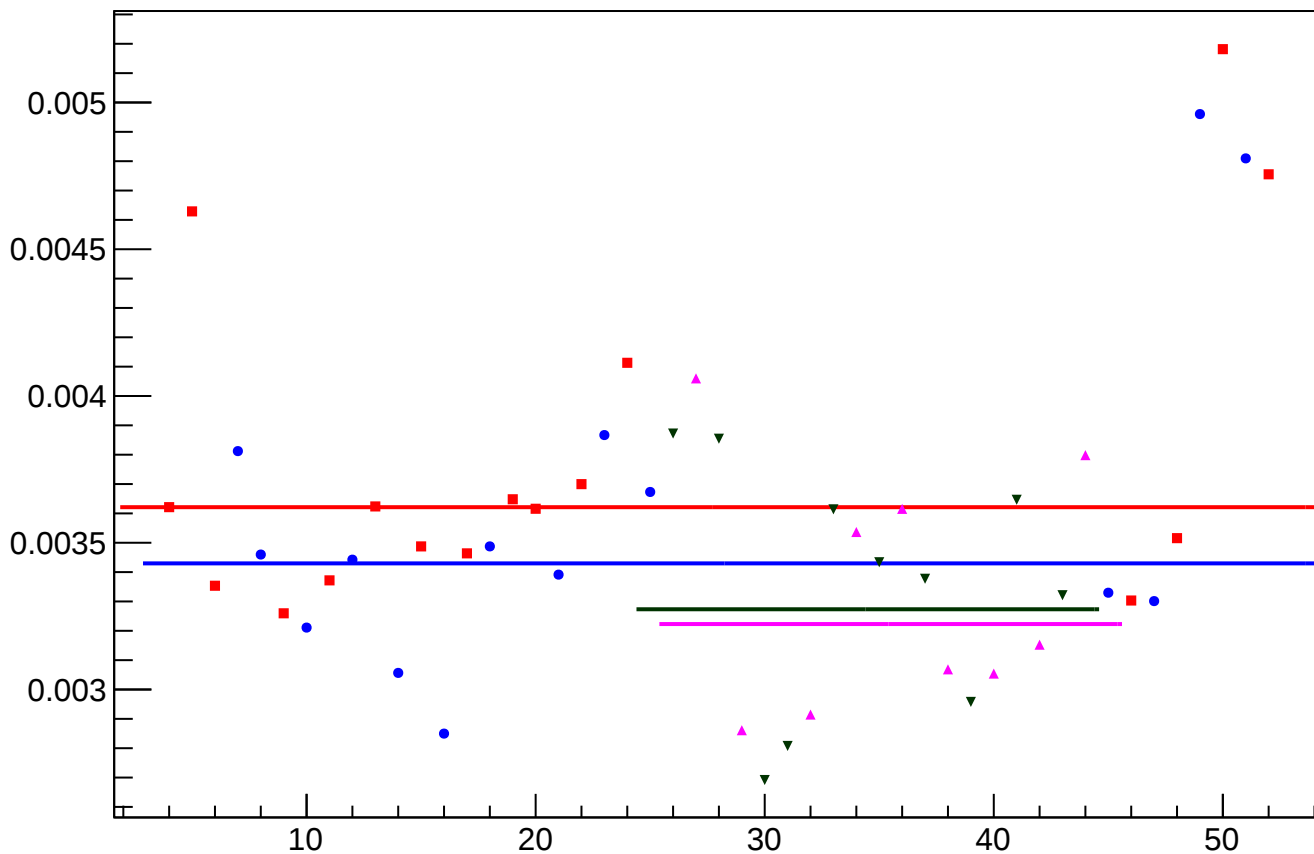
0.072+/-0.000 χ^2/NDF : 7208374181.8/23

Right Out: 0.028+/-0.000 χ^2/NDF : 4287995996.3/15

0.078+/-0.000 χ^2/NDF : 8004755268.8/24

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 : 346938.8/13

Left Out: 0.003+/-0.000 χ^2/NDF :157067.3/9

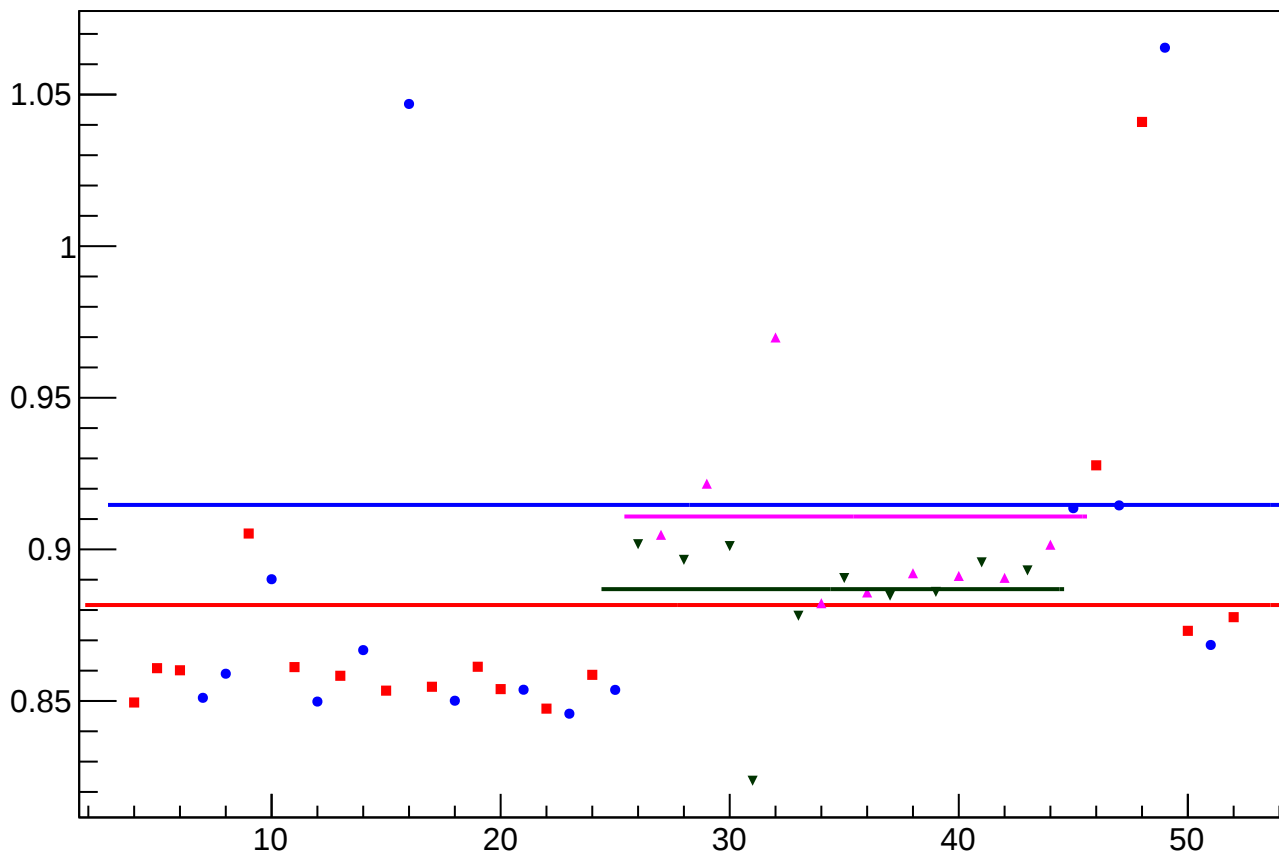
Right Out: 0.004+/-0.000 χ^2/NDF : 224161.7/15

Left In: 0.003+/-0.000 χ^2/NDF :163315.9/8

0.003+/-0.000 χ^2/NDF : 517793.9/23

0.003+/-0.000 χ^2/NDF : 475086.2/24

yield_bpm0l09X_mean vs slug



Right In: 0.915 $\pm$ 0.000 χ^2 /NDF: 296812735.6/13

Left Out: 0.887 $\pm$ 0.000 χ^2 /NDF:10371268.3/9

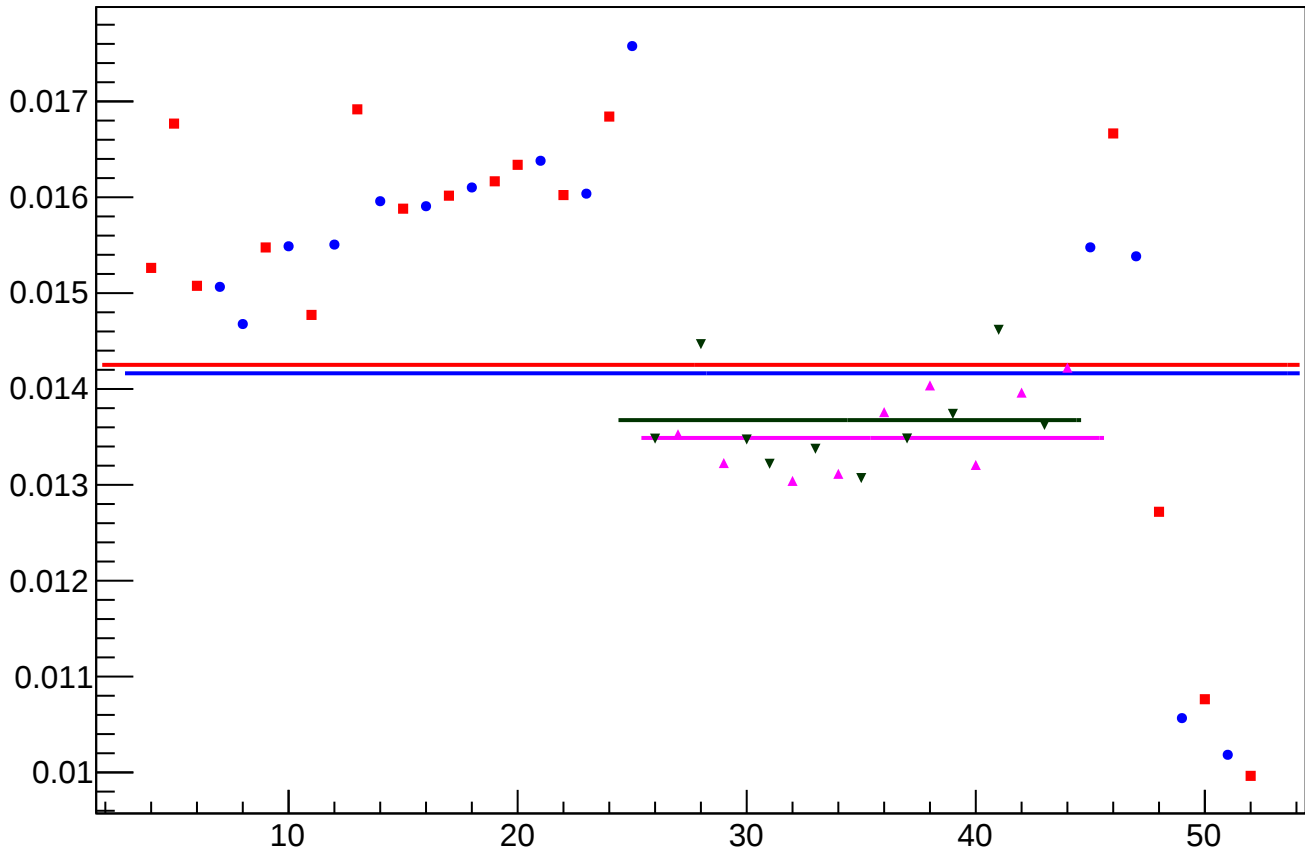
0.903 $\pm$ 0.000 χ^2 /NDF: 320284172.2/23

Right Out: 0.882 $\pm$ 0.000 χ^2 /NDF: 90356061.2/15

0.895 $\pm$ 0.000 χ^2 /NDF: 130945892.4/24

Left In: 0.911 $\pm$ 0.000 χ^2 /NDF:26013449.3/8

yield_bpm0l09X_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 497346.8/13

Left Out: 0.014+/-0.000 χ^2/NDF :13316.5/9

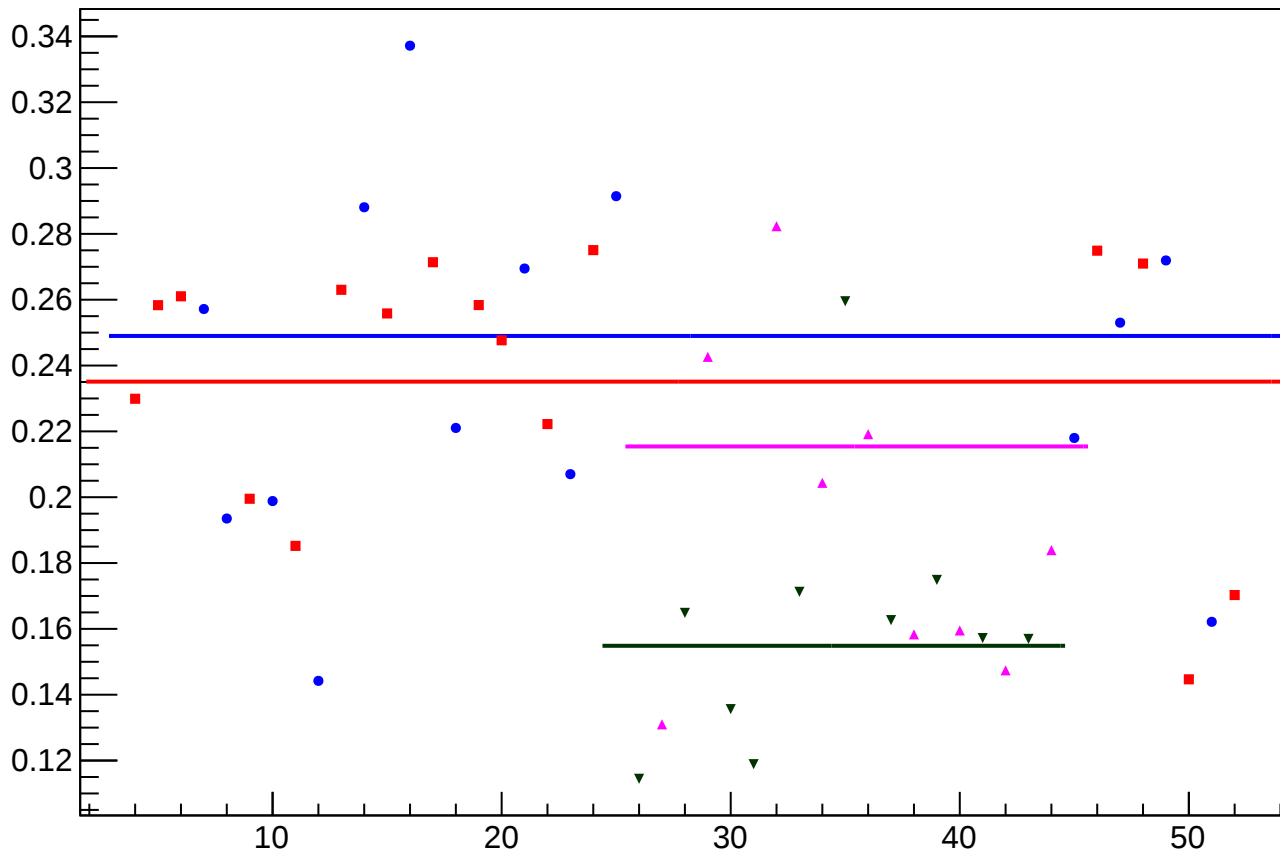
Right Out: 0.014+/-0.000 χ^2/NDF : 486838.6/15

Left In: 0.013+/-0.000 χ^2/NDF :9868.2/8

0.014+/-0.000 χ^2/NDF : 518762.2/23

0.014+/-0.000 χ^2/NDF : 516589.7/24

yield_bpm0l09Y_mean vs slug



Right In: 0.249 $\pm$ 0.000 χ^2/NDF : 1832118833.0/13

Left Out: 0.155 $\pm$ 0.000 χ^2/NDF : 491584814.3/9

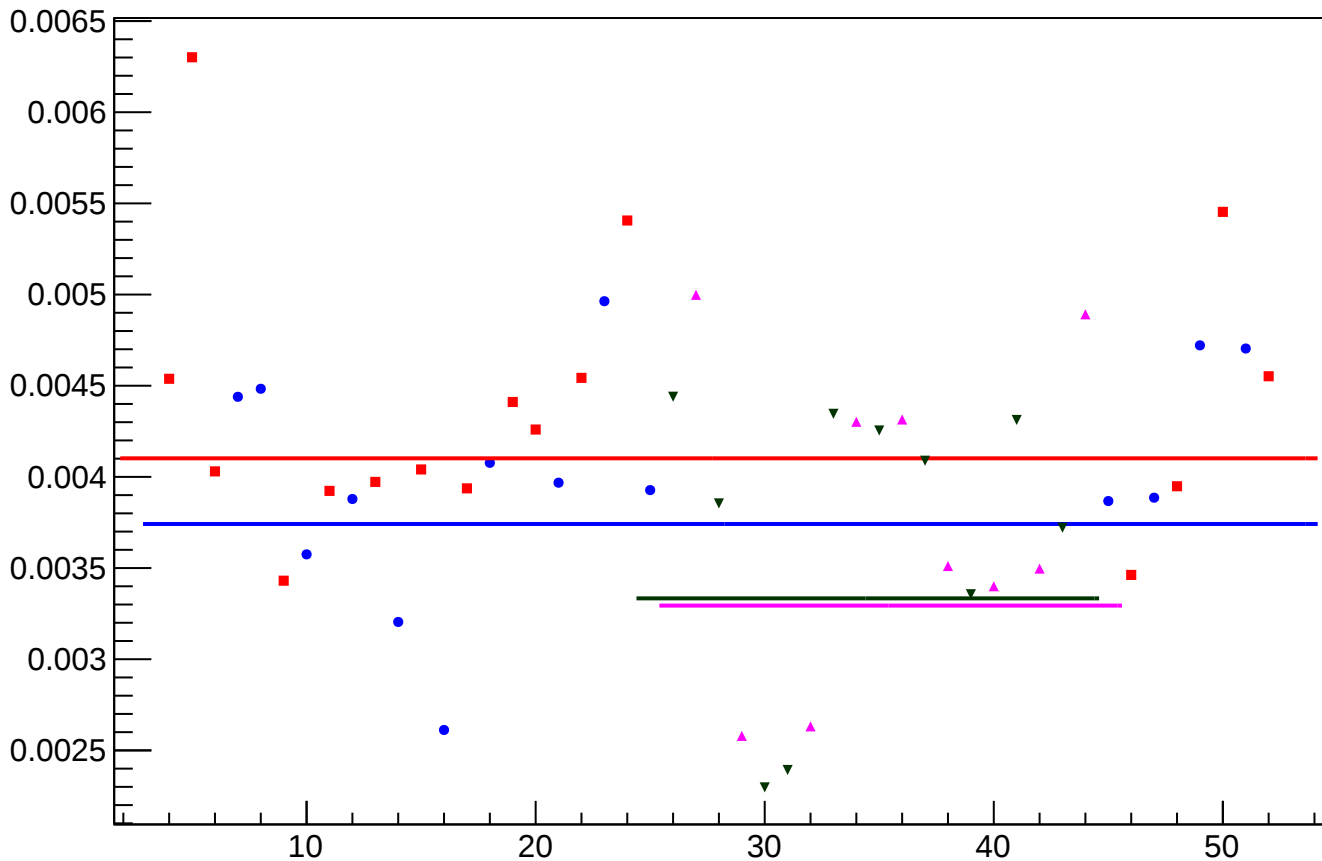
Right Out: 0.235 $\pm$ 0.000 χ^2/NDF : 675475723.0/15

Left In: 0.215 $\pm$ 0.000 χ^2/NDF : 1302153804.0/8

0.209 $\pm$ 0.000 χ^2/NDF : 4475643224.2/23

0.225 $\pm$ 0.000 χ^2/NDF : 2065267330.1/24

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 523442.0/13

Left Out: 0.003+/-0.000 χ^2/NDF : 596508.1/9

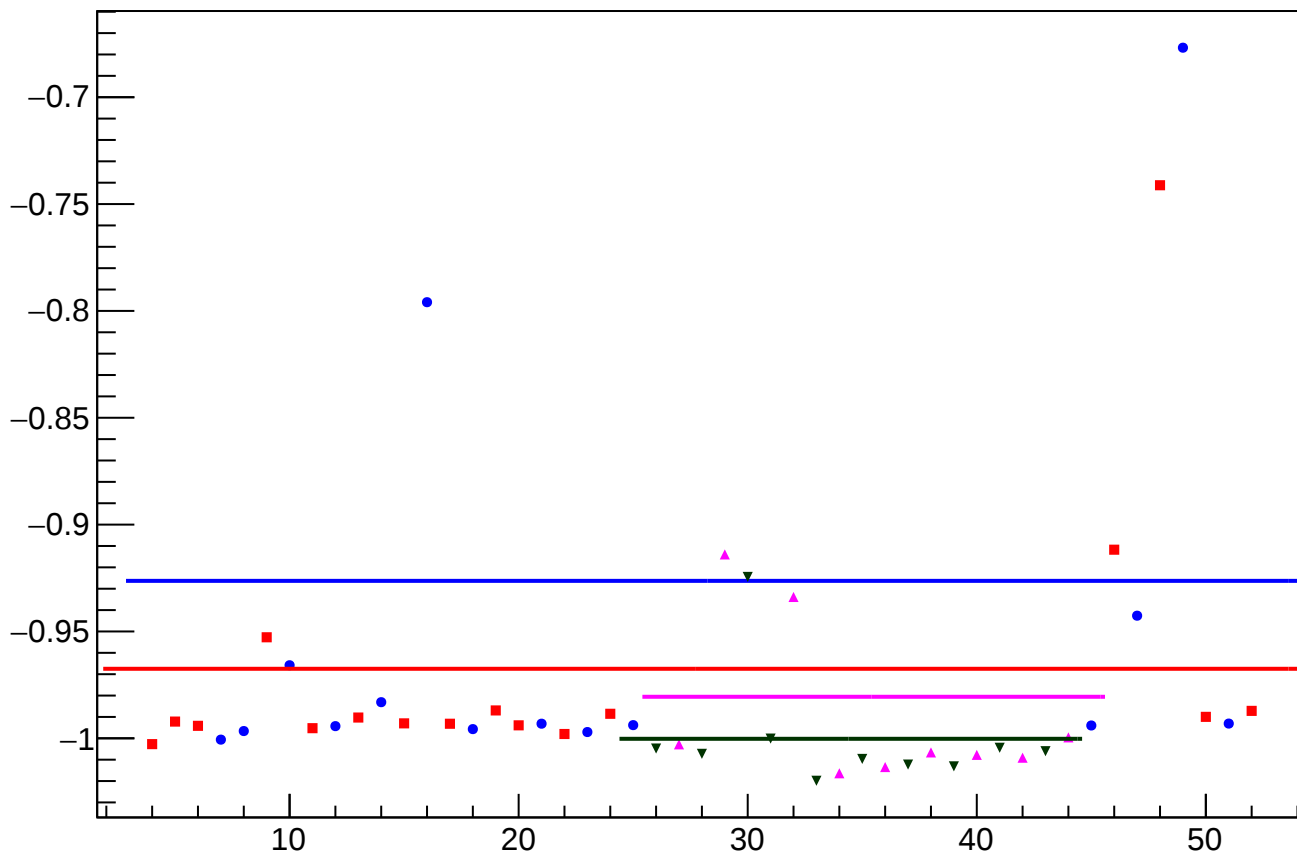
Right Out: 0.004+/-0.000 χ^2/NDF : 265769.3/15

Left In: 0.003+/-0.000 χ^2/NDF : 624356.7/8

0.004+/-0.000 χ^2/NDF : 1200765.7/23

0.004+/-0.000 χ^2/NDF : 1184896.3/24

yield_bpm0l10X_mean vs slug



Right In: -0.926+/-0.000 χ^2/NDF : 604301341.2/13

Left Out: -1.000+/-0.000 χ^2/NDF : 20984094.7/9

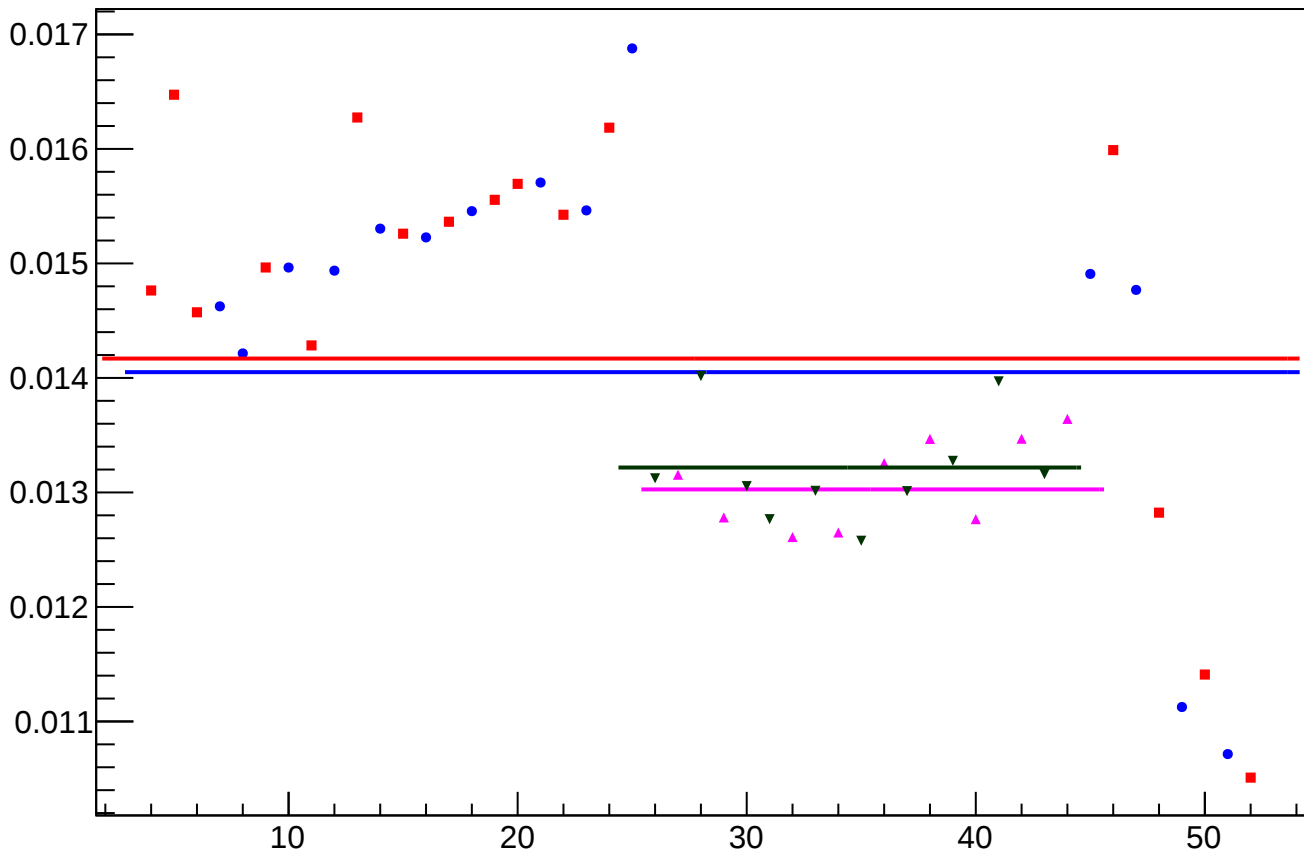
Right Out: -0.967+/-0.000 χ^2/NDF : 168320814.4/15

Left In: -0.981+/-0.000 χ^2/NDF : 51761164.5/8

-0.957+/-0.000 χ^2/NDF : 722792163.9/23

-0.973+/-0.000 χ^2/NDF : 223156226.2/24

yield_bpm0l10X_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 295248.3/13

Left Out: 0.013+/-0.000 χ^2/NDF :12265.8/9

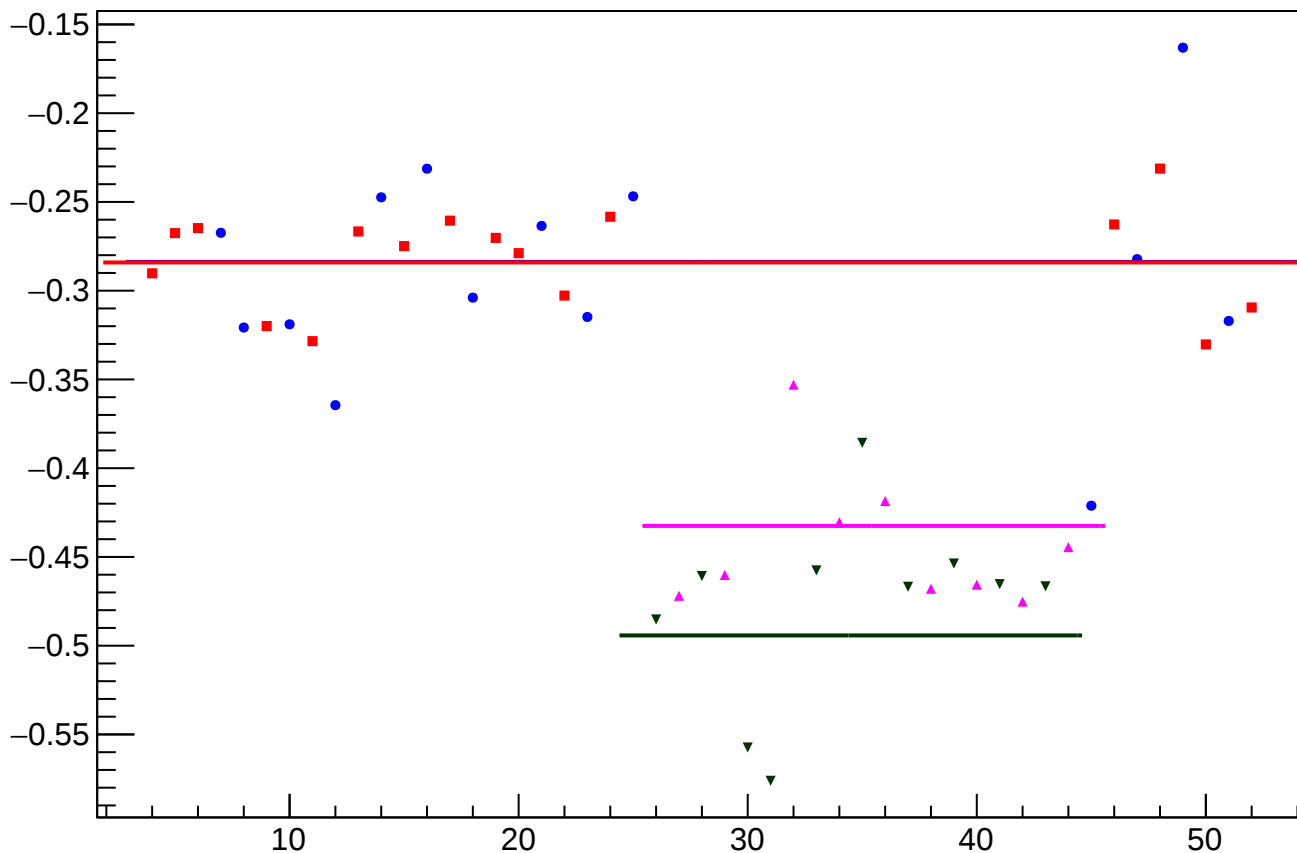
0.014+/-0.000 χ^2/NDF : 332283.4/23

Right Out: 0.014+/-0.000 χ^2/NDF : 297900.2/15

0.014+/-0.000 χ^2/NDF : 353287.0/24

Left In: 0.013+/-0.000 χ^2/NDF :8570.4/8

yield_bpm0l10Y_mean vs slug



Right In: -0.284+/-0.000 χ^2/NDF : 2512722329.7/13

Left Out: -0.494+/-0.000 χ^2/NDF : 1568805763.5/9

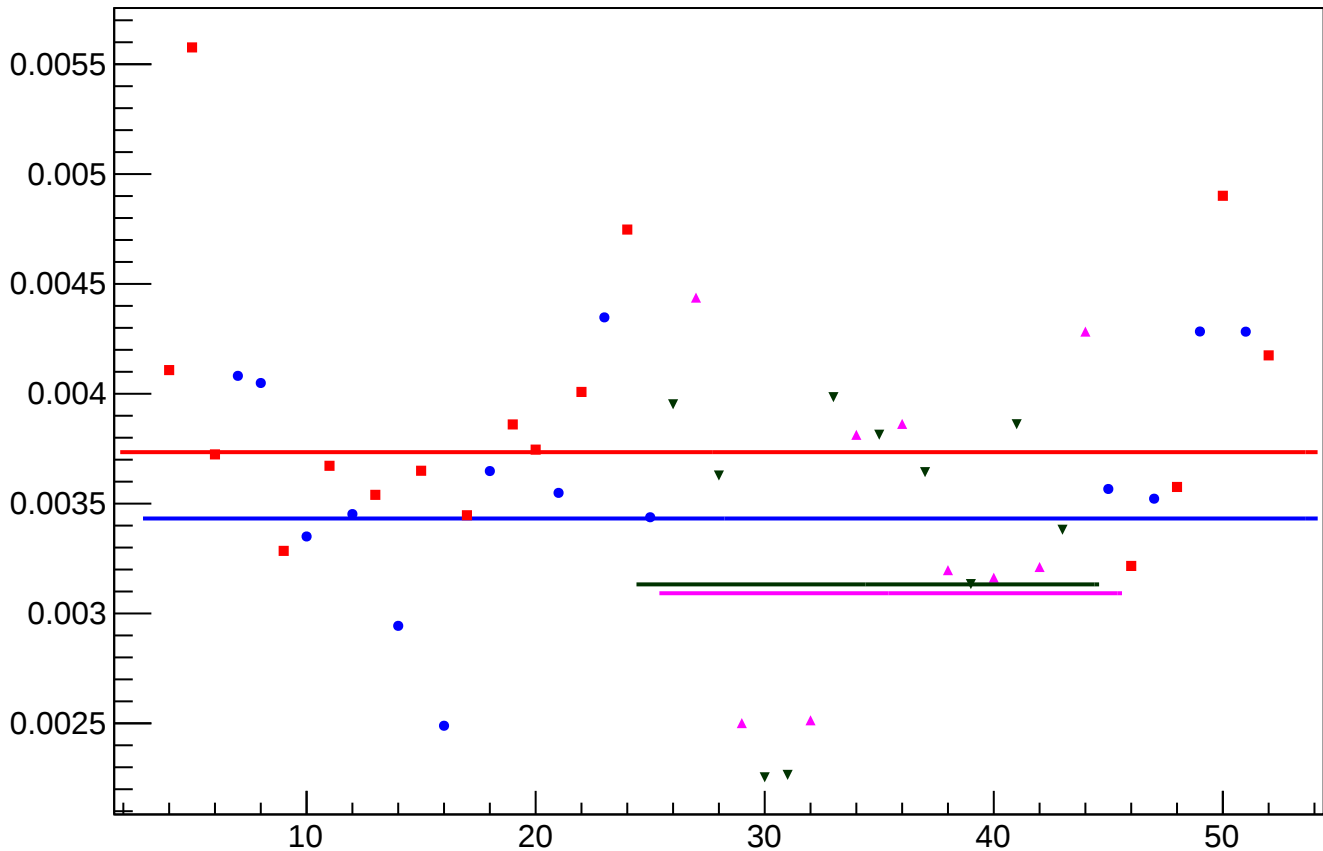
-0.370+/-0.000 χ^2/NDF : 16748013400.3/23

Right Out: -0.284+/-0.000 χ^2/NDF : 454435625.1/15

-0.357+/-0.000 χ^2/NDF : 7574924298.5/24

Left In: -0.433+/-0.000 χ^2/NDF : 1186728653.8/8

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 430699.1/13

Left Out: 0.003+/-0.000 χ^2/NDF :463941.8/9

Right Out: 0.004+/-0.000 χ^2/NDF : 212541.0/15

Left In: 0.003+/-0.000 χ^2/NDF :472745.5/8

0.003+/-0.000 χ^2/NDF : 946099.9/23

0.003+/-0.000 χ^2/NDF : 907434.9/24