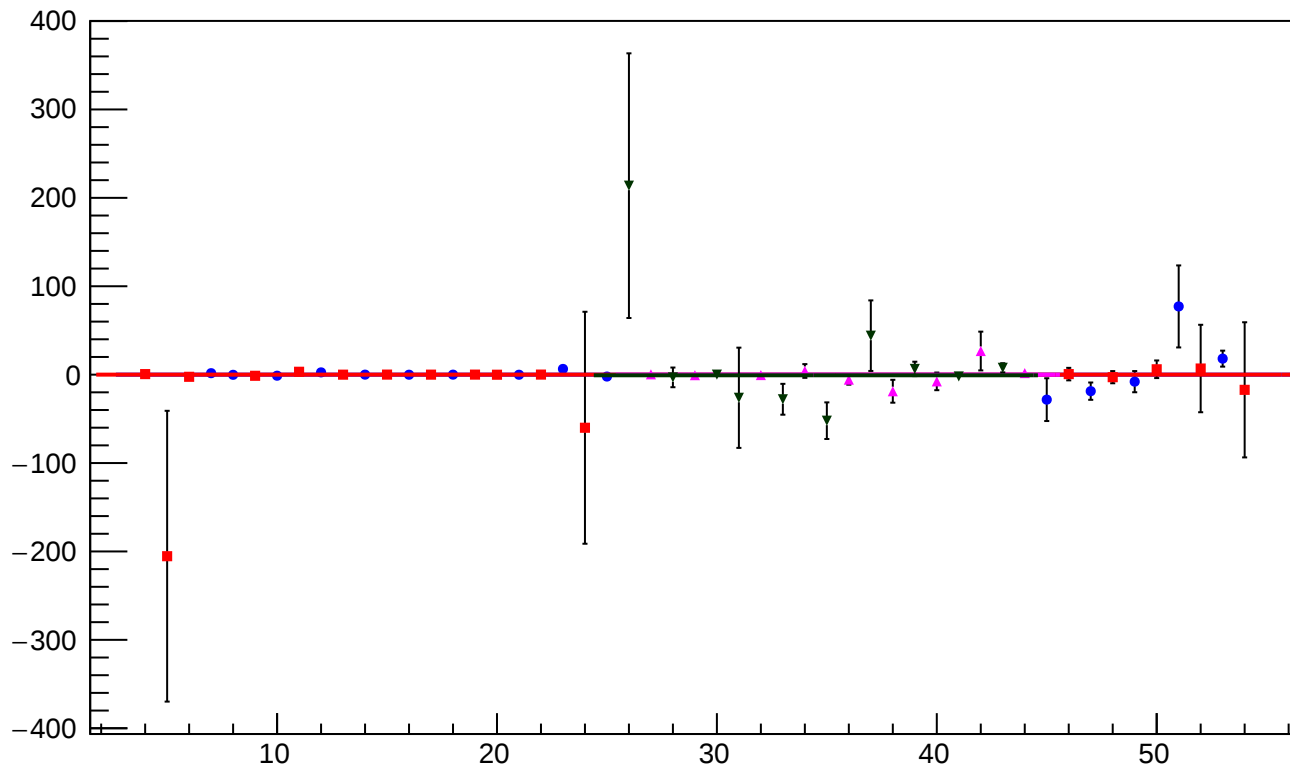


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -0.705 ± 1.554

Right Out: 0.017 ± 0.016

Left In: -0.086 ± 0.168

$\chi^2/\text{NDF}: 30.2/14$

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

$\chi^2/\text{NDF}: 19.9/16$

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

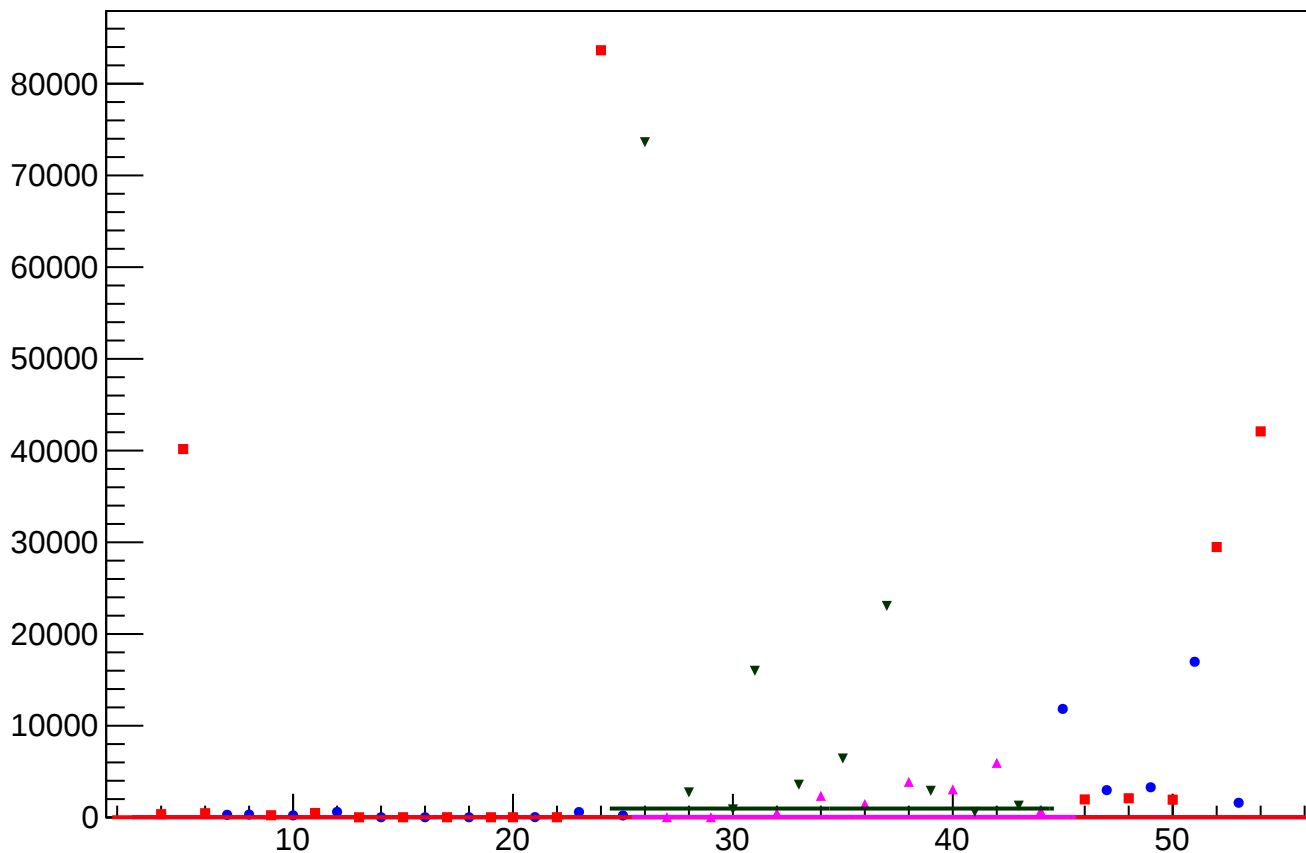
-0.014 ± 0.014

0.016 ± 0.016

$\chi^2/\text{NDF}: 46.4/24$

$\chi^2/\text{NDF}: 35.8/25$

diff_cav4bX_rms vs slug



Right In: 22.419+/-0.010 χ^2/NDF : 1906522.3/14

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

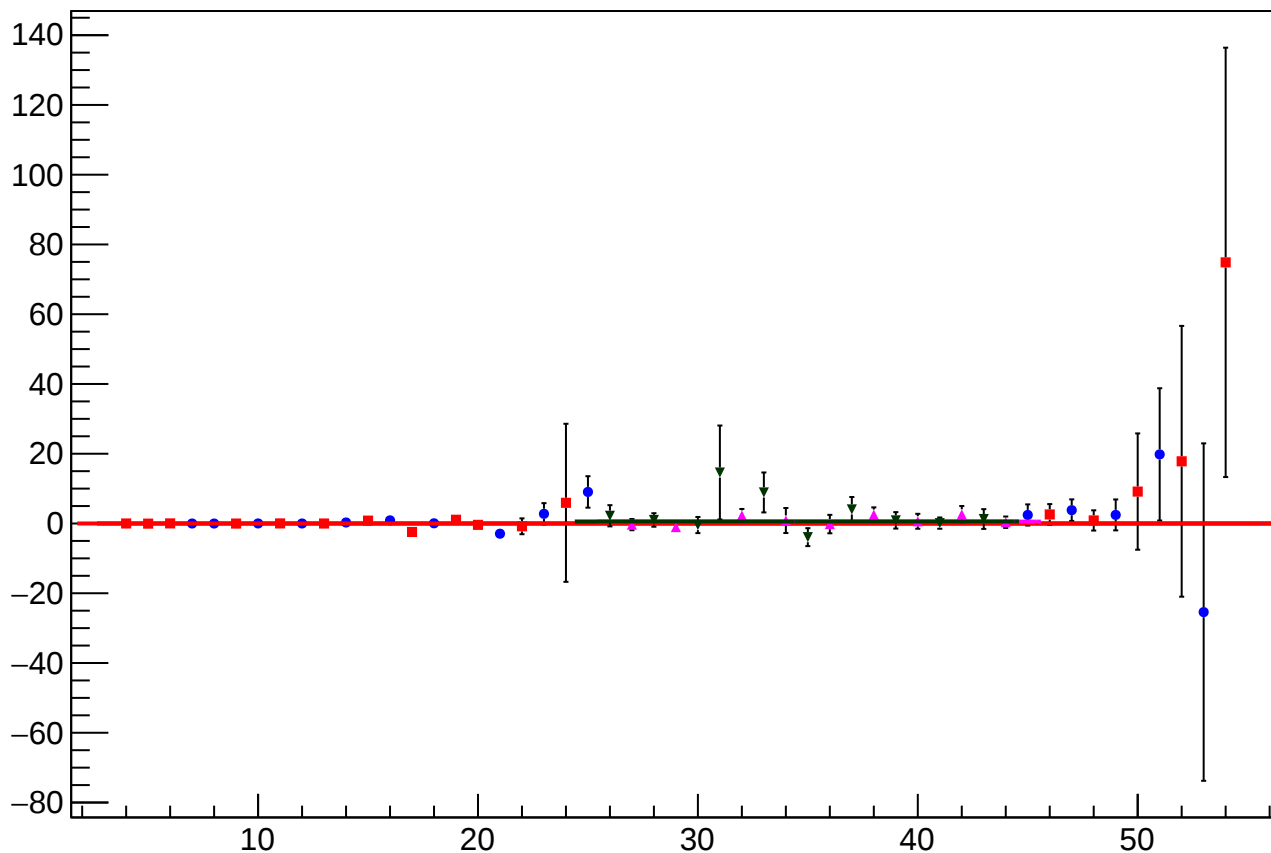
Right Out: 22.607+/-0.011 χ^2/NDF : 3130461.2/16

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

22.500+/-0.010 χ^2/NDF : 4296593.1/24

22.962+/-0.011 χ^2/NDF : 4809103.6/25

diff_cav4bY_mean vs slug



Right In: -0.001 $\pm$ 0.006 χ^2 /NDF: 22.0/14

Left Out: 0.573 $\pm$ 0.812 χ^2 /NDF: 7.9/9

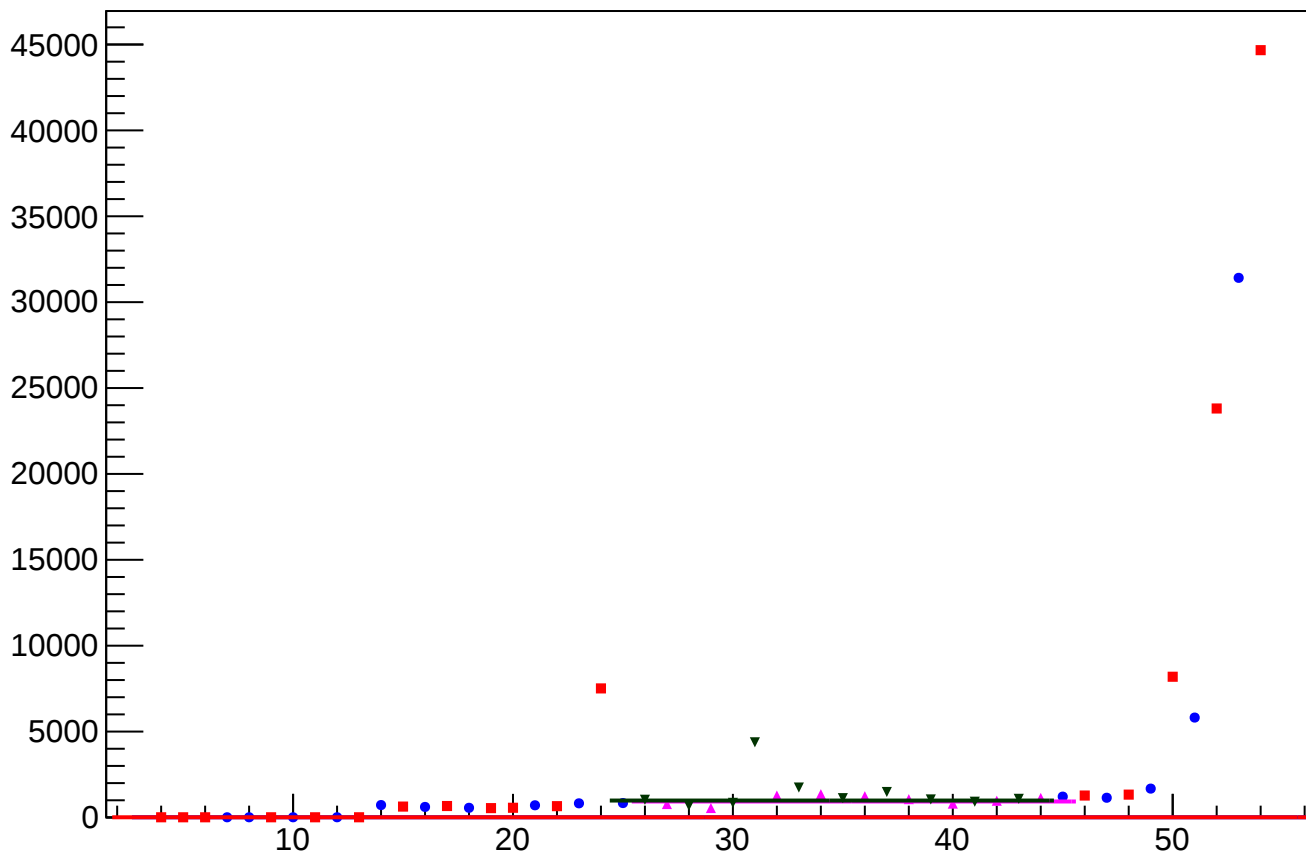
Right Out: 0.002 $\pm$ 0.005 χ^2 /NDF: 19.8/16

Left In: 0.538 $\pm$ 0.640 χ^2 /NDF: 4.3/8

-0.001 $\pm$ 0.006 χ^2 /NDF: 30.4/24

0.002 $\pm$ 0.005 χ^2 /NDF: 24.8/25

diff_cav4bY_rms vs slug



Right In: 10.505+/-0.005 χ^2 /NDF: 6177661.8/14

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

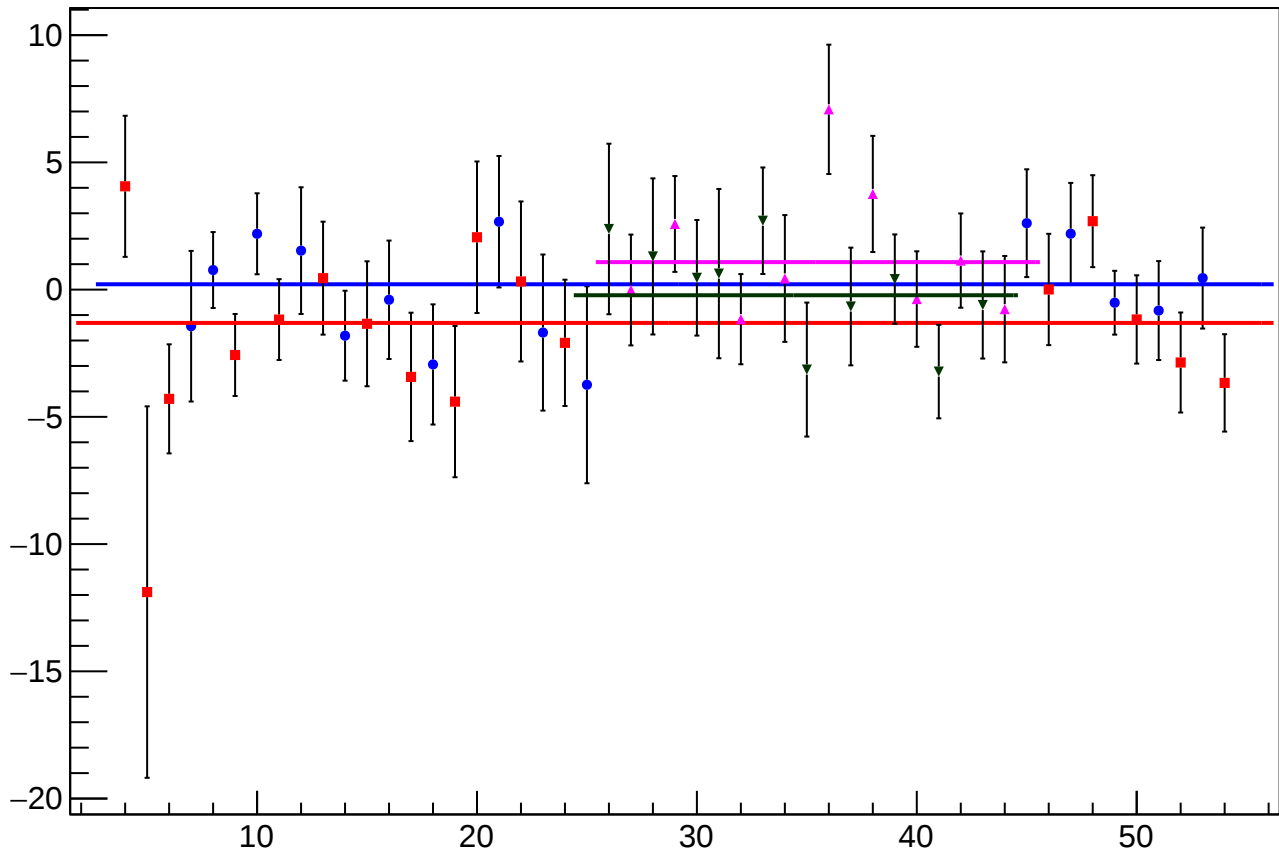
Right Out: 10.085+/-0.004 χ^2 /NDF: 5626380.5/16

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

10.567+/-0.005 χ^2 /NDF: 9327790.9/24

10.151+/-0.004 χ^2 /NDF: 10101525.0/25

diff_cav4cX_mean vs slug



Right In: 0.210 ± 0.516 χ^2/NDF : 10.7/14

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

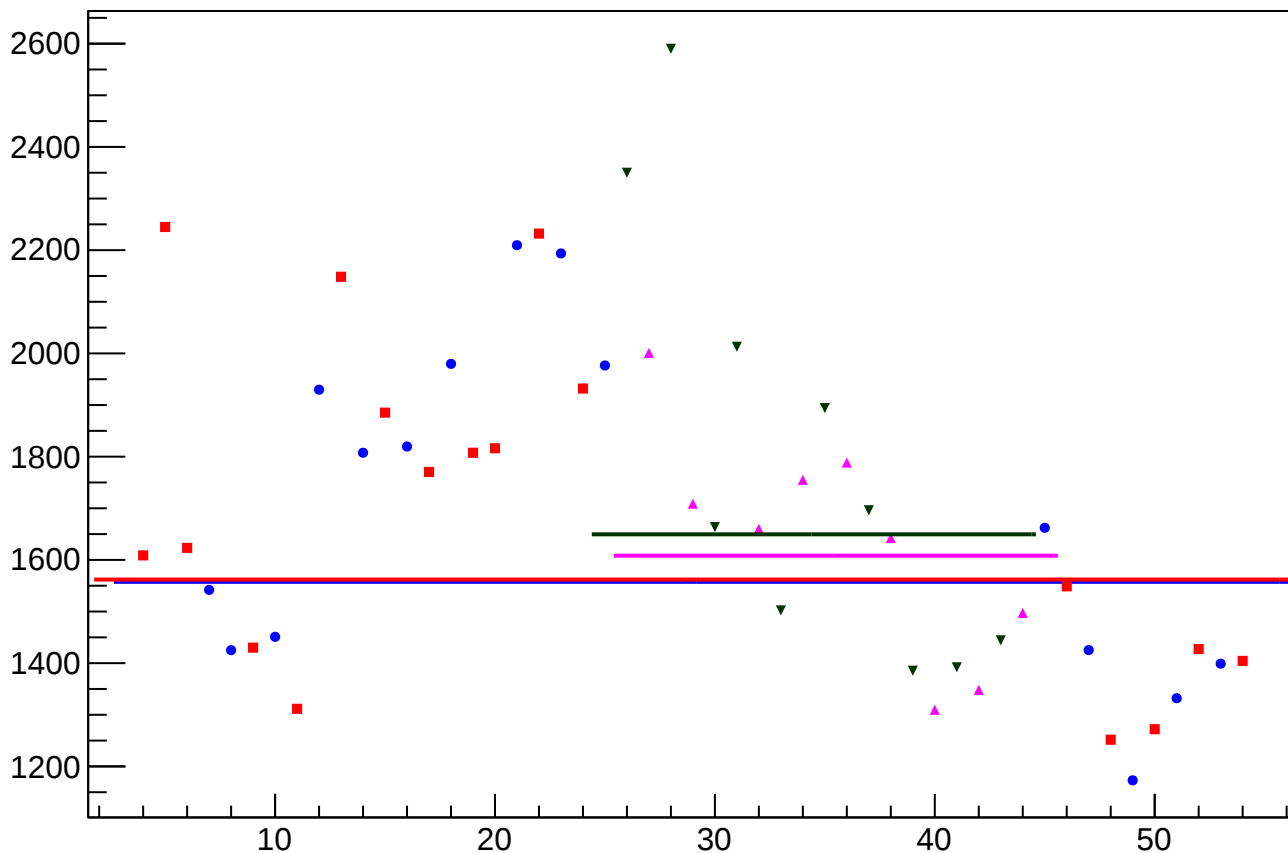
Right Out: -1.309 ± 0.531 χ^2/NDF : 19.9/16

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

0.066 ± 0.421 χ^2/NDF : 18.0/24

-0.414 ± 0.420 χ^2/NDF : 38.4/25

diff_cav4cX_rms vs slug



Right In: 1557.530+/-0.365 χ^2/NDF : 677161.9/14

Left Out: 1649.544+/-0.515 χ^2/NDF : 430962.0/9

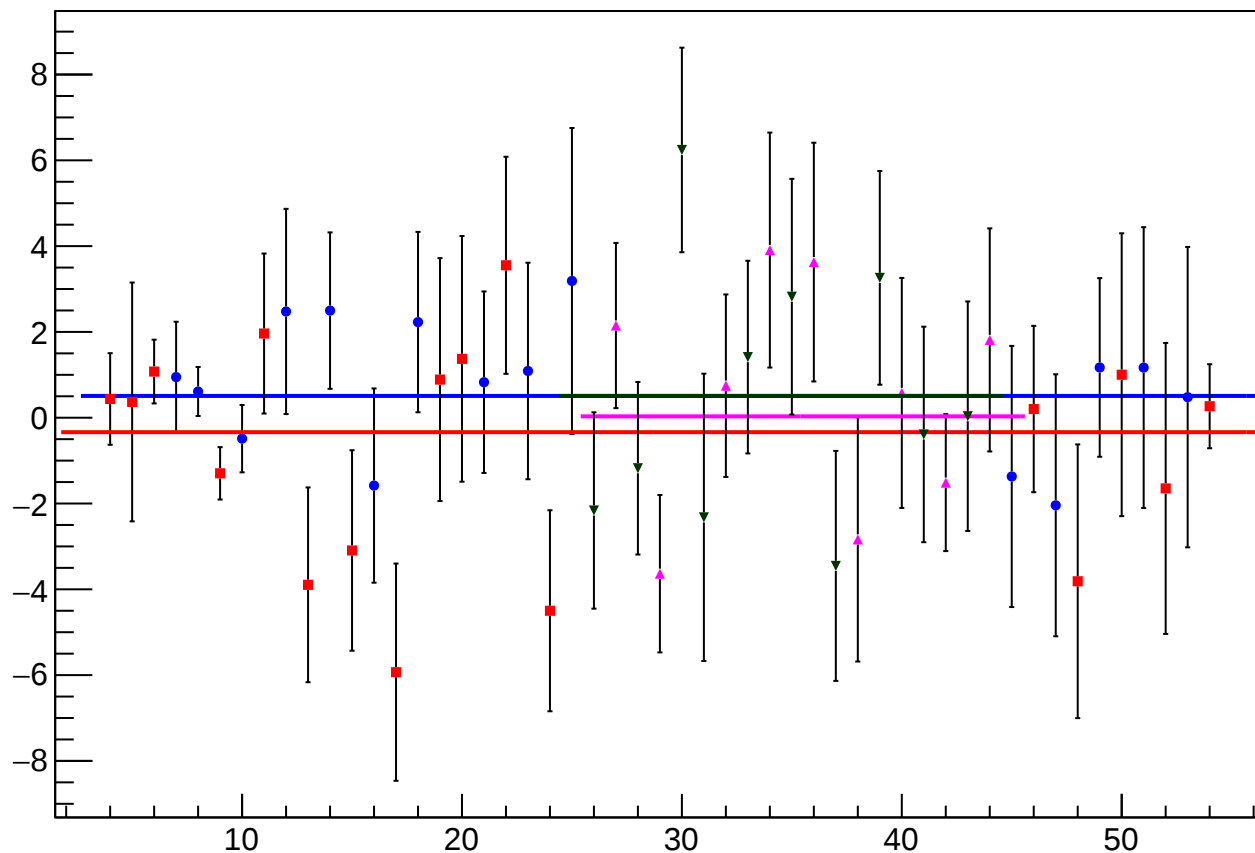
Right Out: 1561.974+/-0.376 χ^2/NDF : 572152.3/16

Left In: 1608.232+/-0.485 χ^2/NDF : 185602.9/8

1588.285+/-0.298 χ^2/NDF : 1129377.8/24

1579.306+/-0.297 χ^2/NDF : 763437.5/25

diff_cav4cY_mean vs slug



Right In: 0.508 ± 0.371 χ^2/NDF : 7.0/14

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

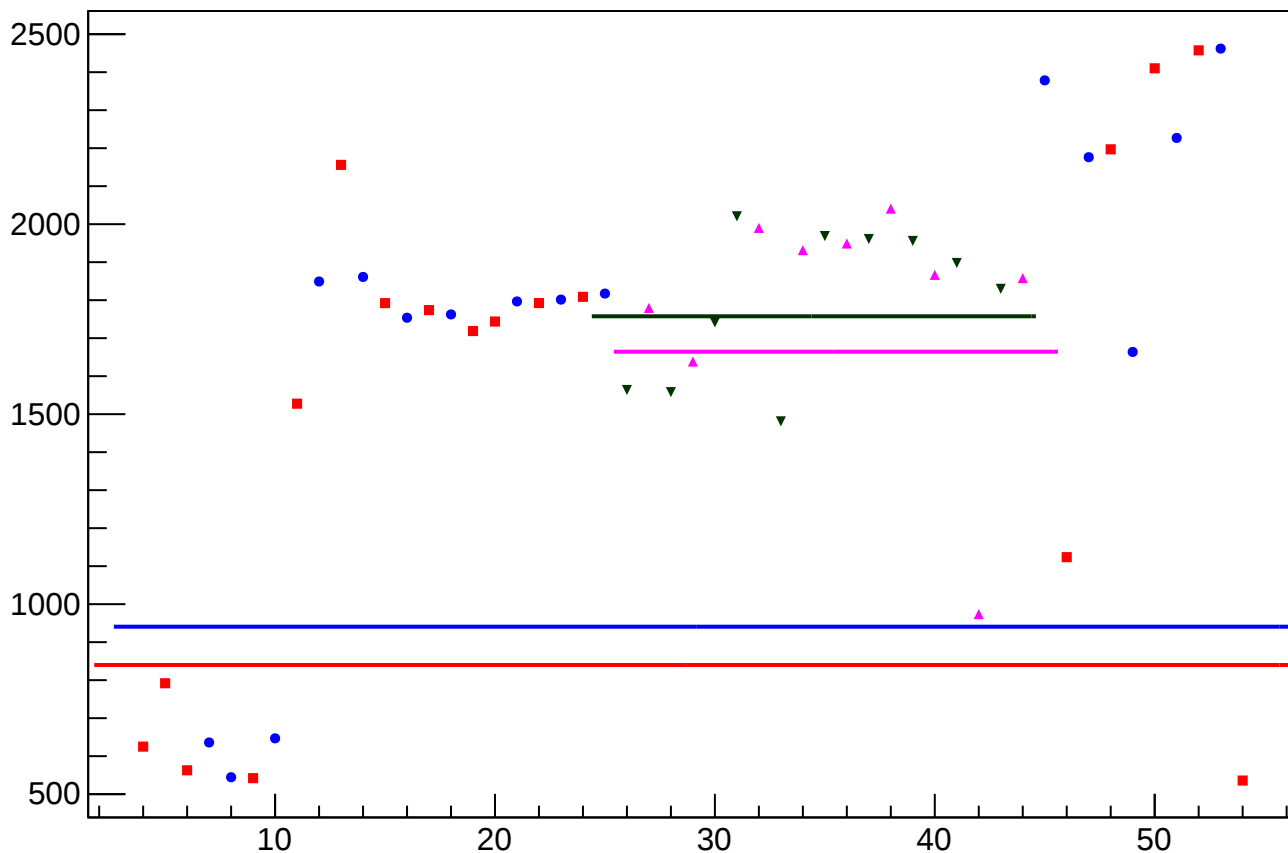
Right Out: -0.337 ± 0.343 χ^2/NDF : 25.0/16

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

0.508 ± 0.335 χ^2/NDF : 20.0/24

-0.271 ± 0.311 χ^2/NDF : 36.6/25

diff_cav4cY_rms vs slug



Right In: 940.695+/-0.262 χ^2/NDF : 5097907.4/14

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

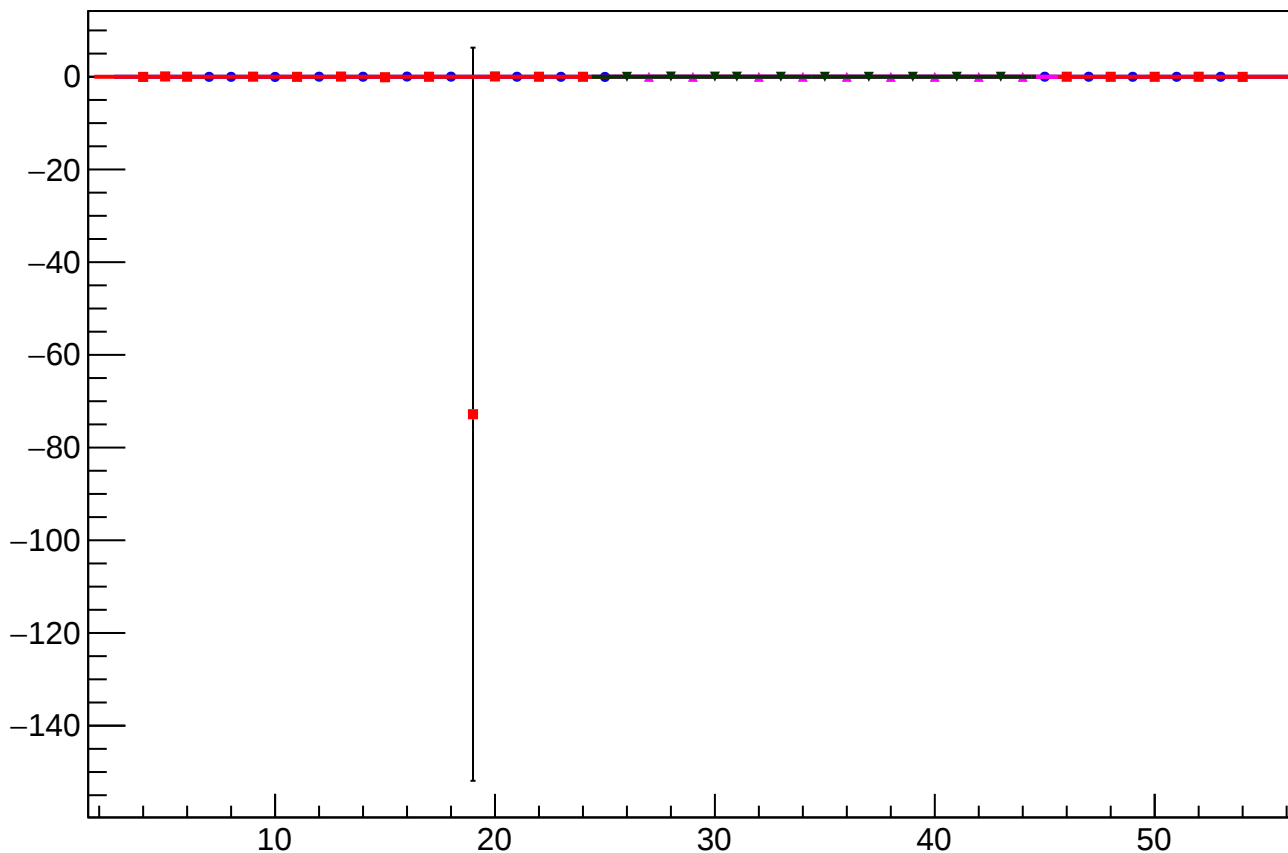
Right Out: 839.907+/-0.243 χ^2/NDF : 4907607.3/16

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

1090.574+/-0.237 χ^2/NDF : 6997715.7/24

987.617+/-0.220 χ^2/NDF : 7502091.8/25

diff_cav4dX_mean vs slug



Right In: 0.001 $\pm$ 0.004 χ^2 /NDF: 8.7/14

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

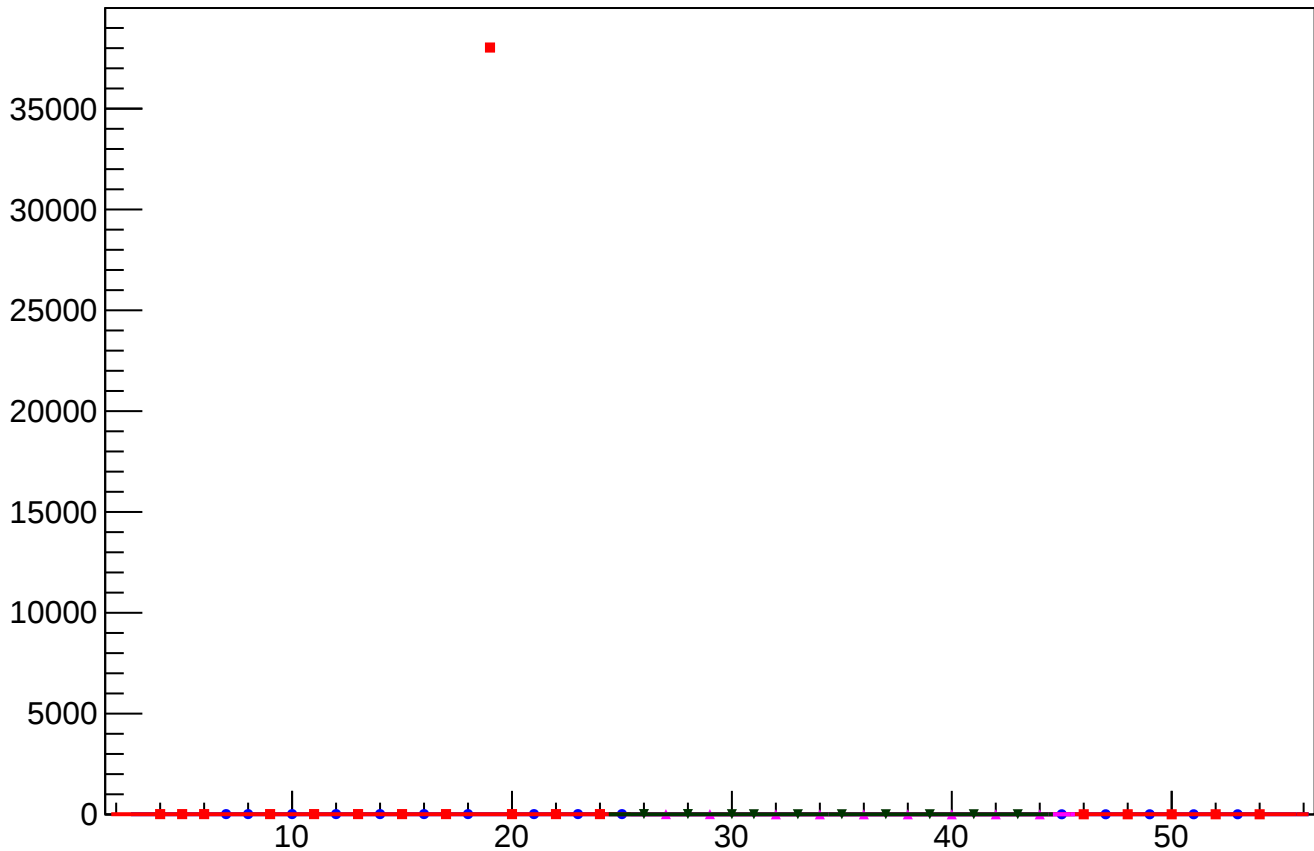
Right Out: 0.003 $\pm$ 0.005 χ^2 /NDF: 17.8/16

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

0.001 $\pm$ 0.003 χ^2 /NDF: 17.3/24

-0.001 $\pm$ 0.003 χ^2 /NDF: 20.0/25

diff_cav4dX_rms vs slug



Right In: 11.375+/-0.003 χ^2 /NDF: 1735163.8/14

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

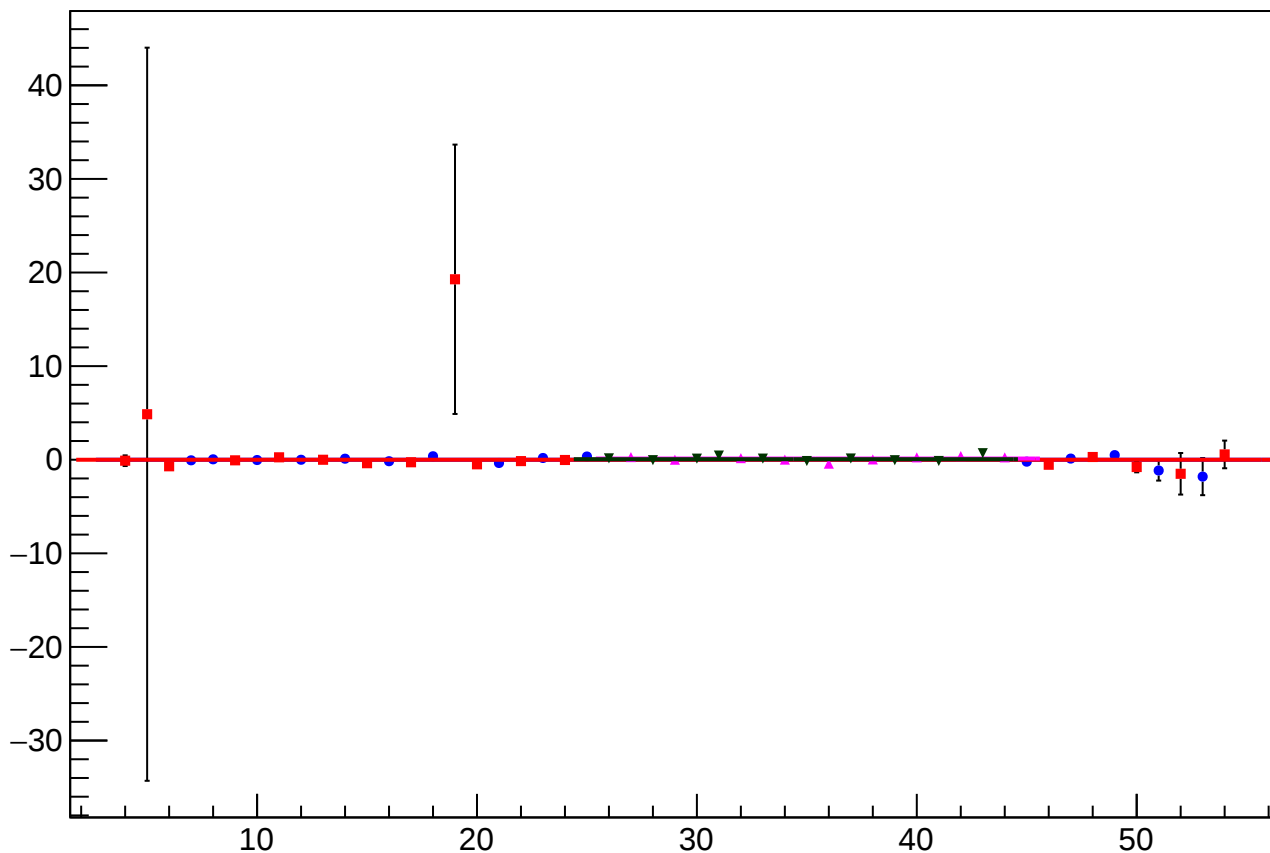
Right Out: 11.601+/-0.003 χ^2 /NDF: 2120206.5/16

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

10.331+/-0.002 χ^2 /NDF: 2554358.1/24

10.370+/-0.002 χ^2 /NDF: 3142620.0/25

diff_cav4dY_mean vs slug



Right In: -0.003 $\pm$ 0.003 χ^2 /NDF: 20.2/14

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

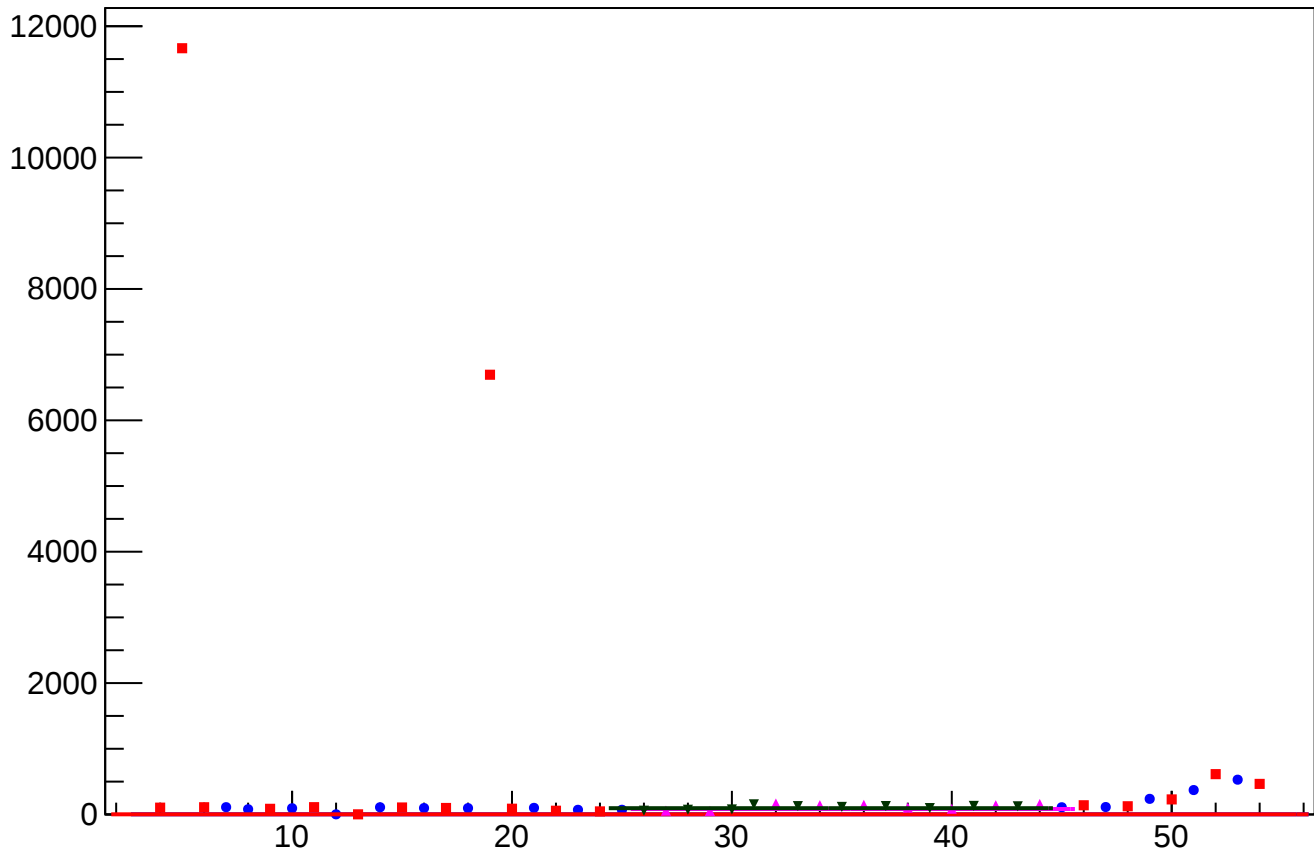
Right Out: -0.003 $\pm$ 0.003 χ^2 /NDF: 18.7/16

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

-0.002 $\pm$ 0.003 χ^2 /NDF: 32.7/24

-0.002 $\pm$ 0.003 χ^2 /NDF: 34.4/25

diff_cav4dY_rms vs slug



Right In: 2.208+/-0.002 χ^2/NDF : 8231885.9/14

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

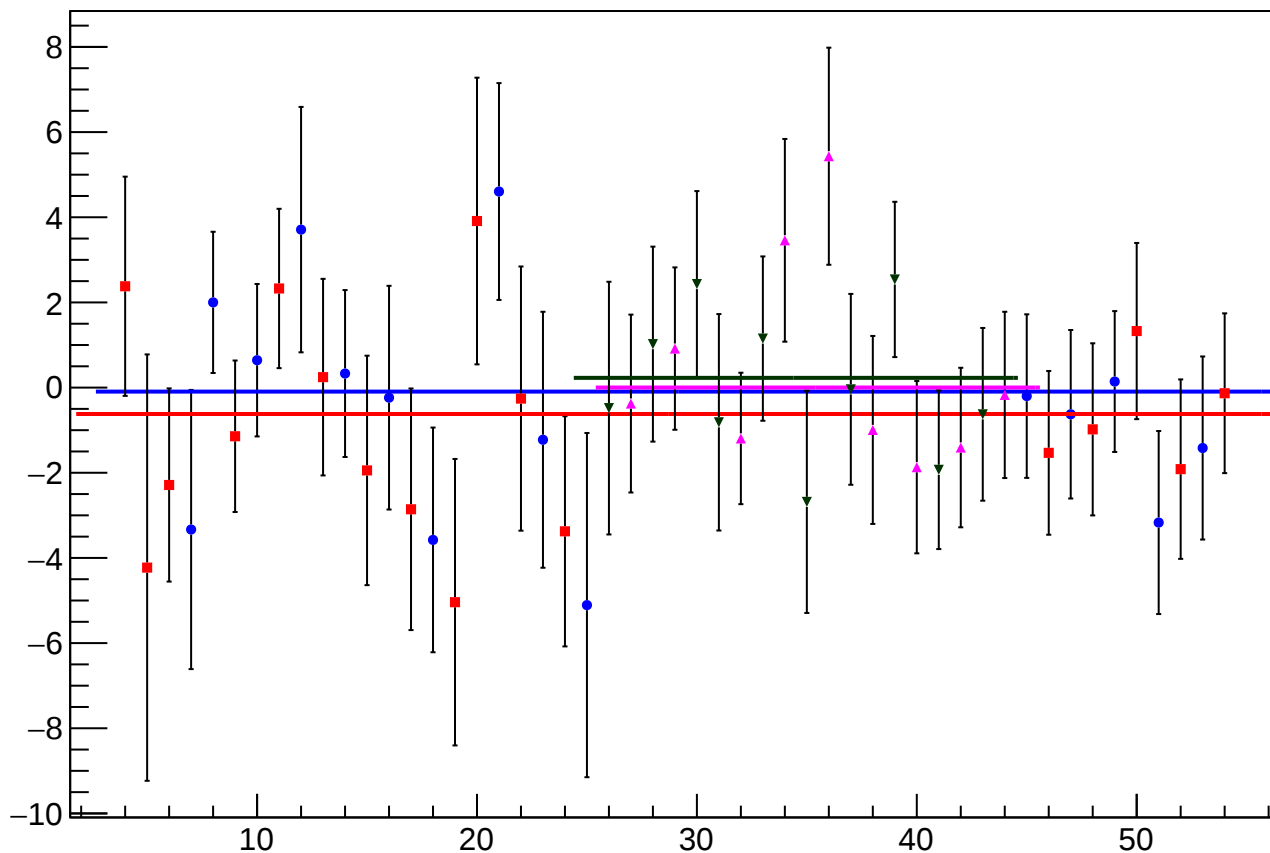
2.469+/-0.002 χ^2/NDF : 13809842.8/24

Right Out: 2.096+/-0.002 χ^2/NDF : 5755497.3/16

2.355+/-0.002 χ^2/NDF : 11418372.7/25

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

diff_bpm4aX_mean vs slug



Right In: -0.094 ± 0.569 χ^2/NDF : 13.9/14

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

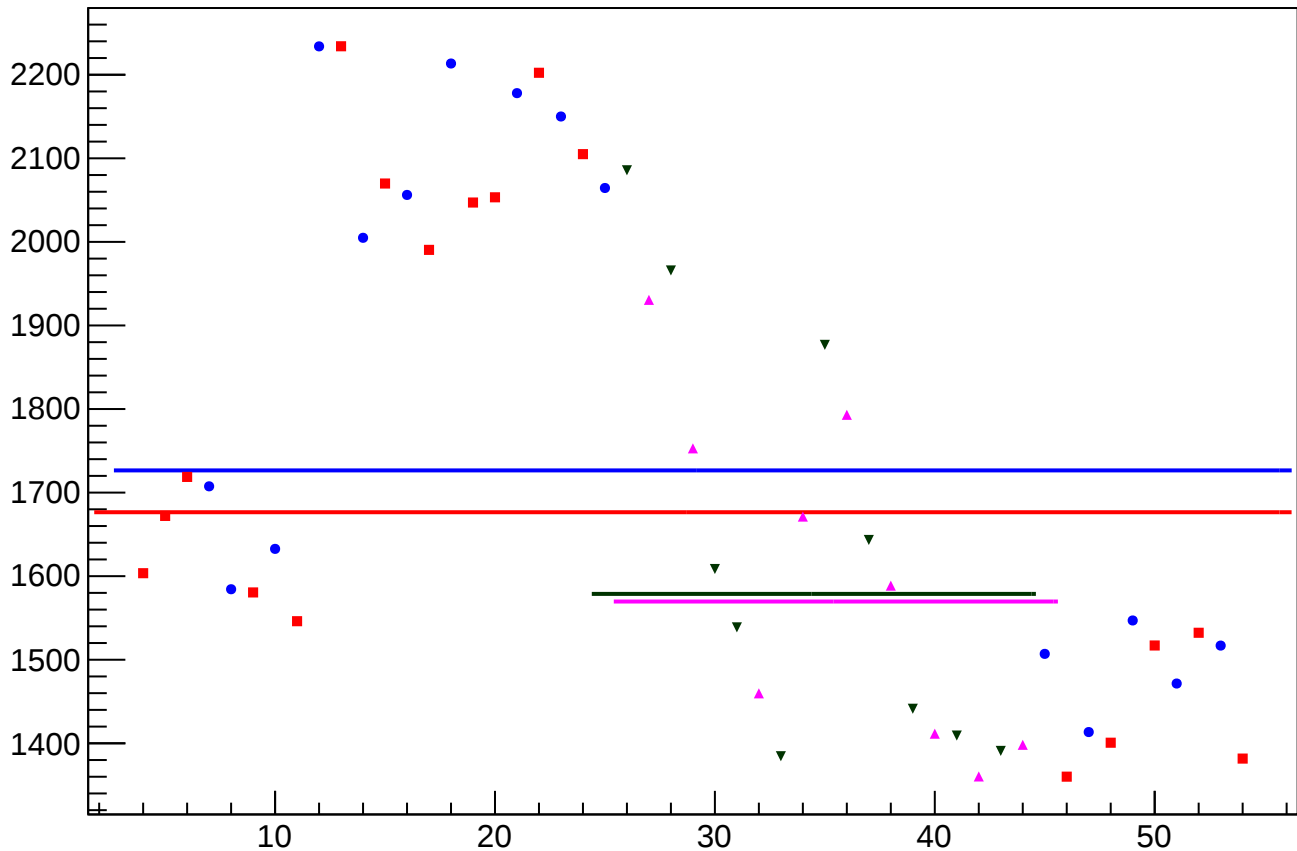
Right Out: -0.620 ± 0.567 χ^2/NDF : 12.2/16

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

0.037 ± 0.438 χ^2/NDF : 20.0/24

-0.359 ± 0.432 χ^2/NDF : 21.8/25

diff_bpm4aX_rms vs slug



Right In: 1726.556 $\pm$ 0.402 χ^2 /NDF: 485783.0/14

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

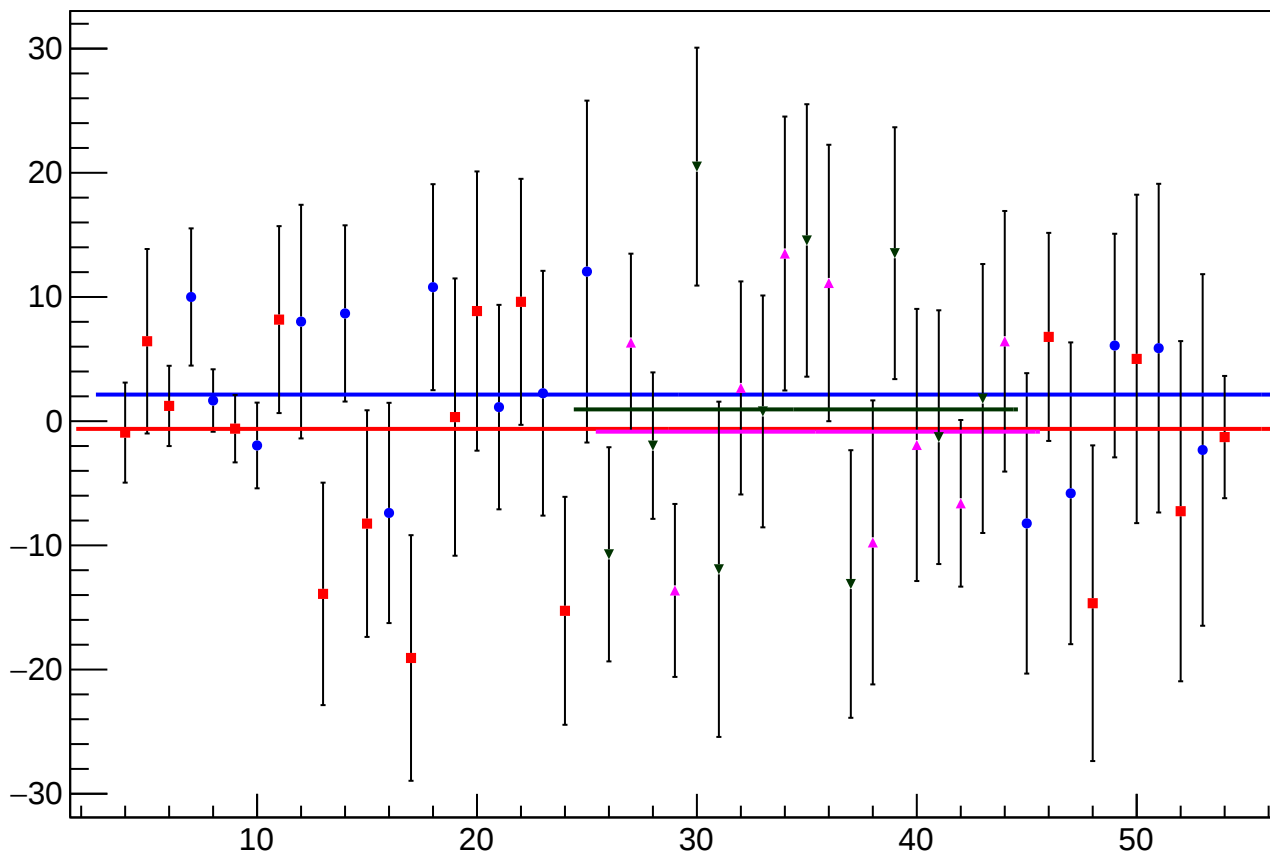
1666.488 $\pm$ 0.310 χ^2 /NDF: 750182.4/24

Right Out: 1676.512 $\pm$ 0.401 χ^2 /NDF: 520807.6/16

1631.661 $\pm$ 0.305 χ^2 /NDF: 710789.6/25

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

diff_bpm4aY_mean vs slug



Right In: 2.142 ± 1.581 χ^2/NDF : 9.0/14

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

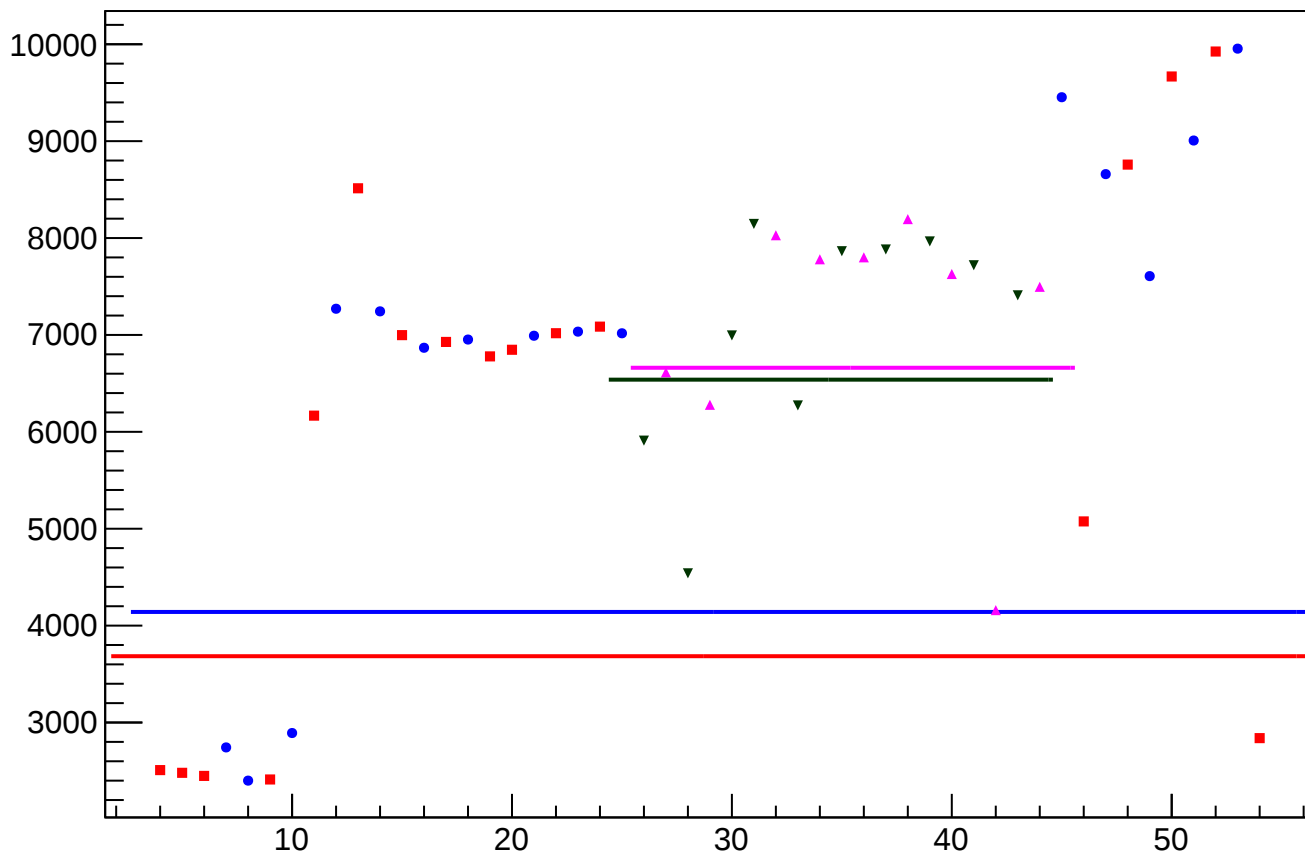
Right Out: -0.621 ± 1.452 χ^2/NDF : 15.8/16

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

1.876 ± 1.393 χ^2/NDF : 21.1/24

-0.666 ± 1.300 χ^2/NDF : 25.0/25

diff_bpm4aY_rms vs slug



Right In: 4141.131+/-1.118 χ^2/NDF : 4437521.6/14

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

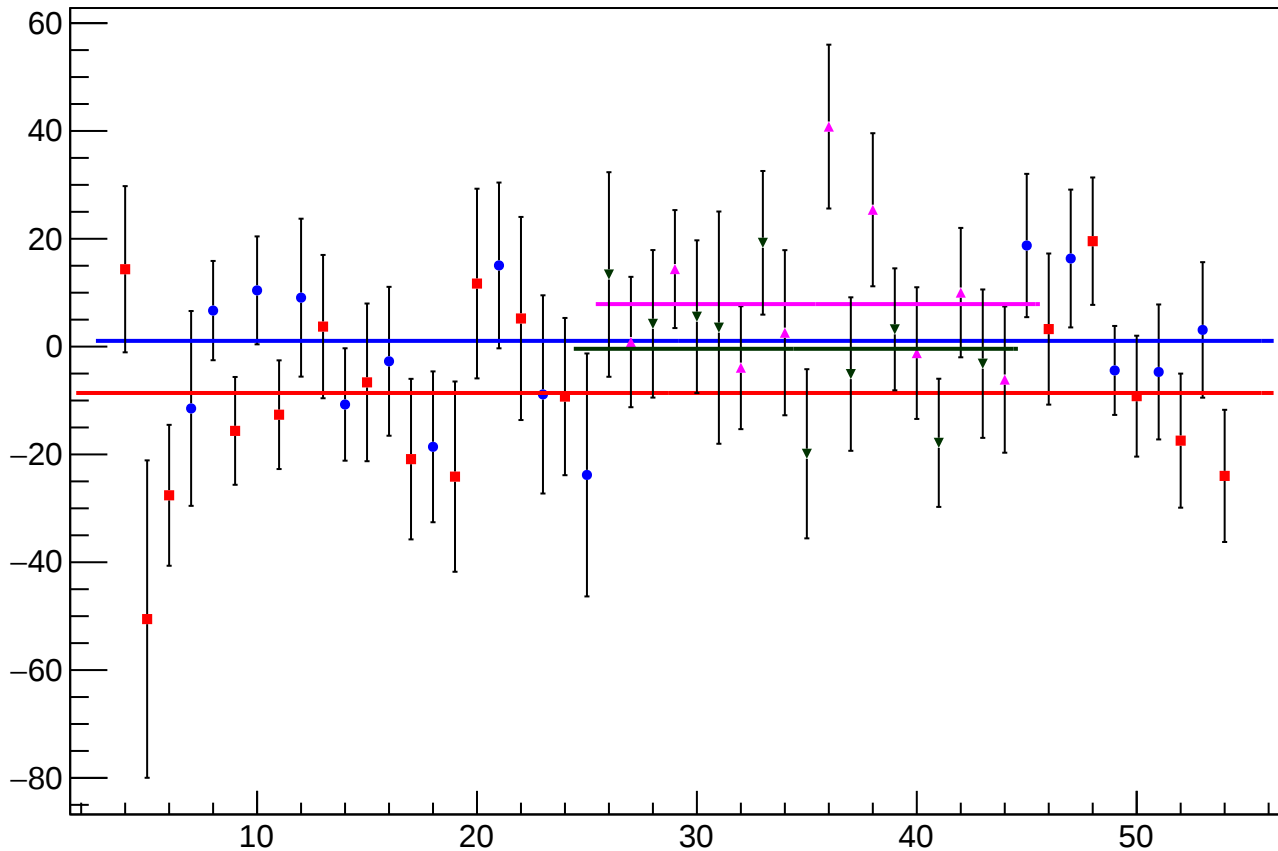
4675.577+/-0.985 χ^2/NDF : 5877718.3/24

Right Out: 3684.303+/-1.027 χ^2/NDF : 4302717.2/16

4274.740+/-0.919 χ^2/NDF : 6410540.8/25

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

diff_bpm4eX_mean vs slug



Right In: 1.063+/-3.204 χ^2/NDF : 11.6/14

Left Out: -0.408+/-4.470 χ^2/NDF : 7.0/9

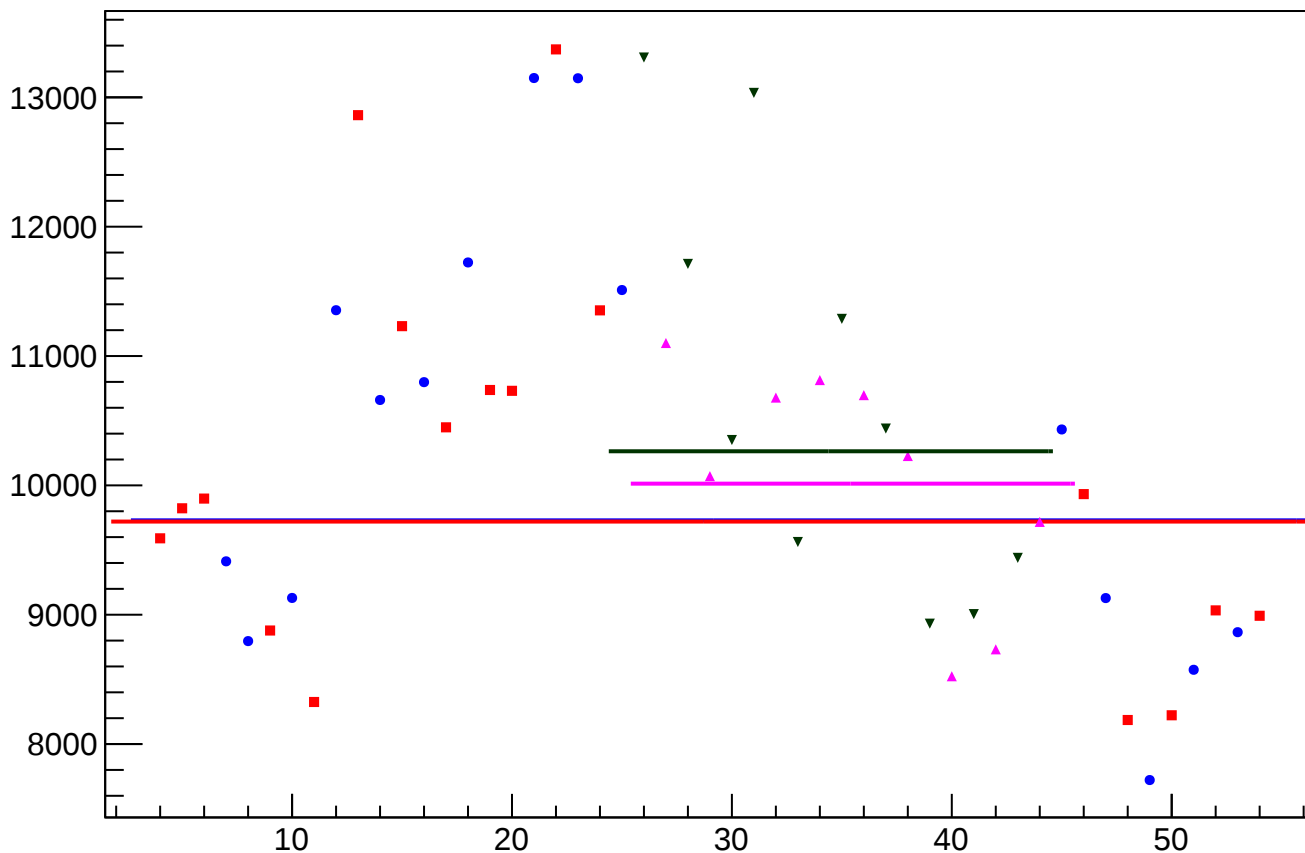
Right Out: -8.601+/-3.276 χ^2/NDF : 19.7/16

Left In: 7.884+/-4.244 χ^2/NDF : 9.7/8

0.563+/-2.604 χ^2/NDF : 18.6/24

-2.447+/-2.593 χ^2/NDF : 38.9/25

diff_bpm4eX_rms vs slug



Right In: 9729.734 $\pm$ 2.266 χ^2/NDF : 457048.6/14

Left Out: 10263.647 $\pm$ 3.161 χ^2/NDF :178797.8/9

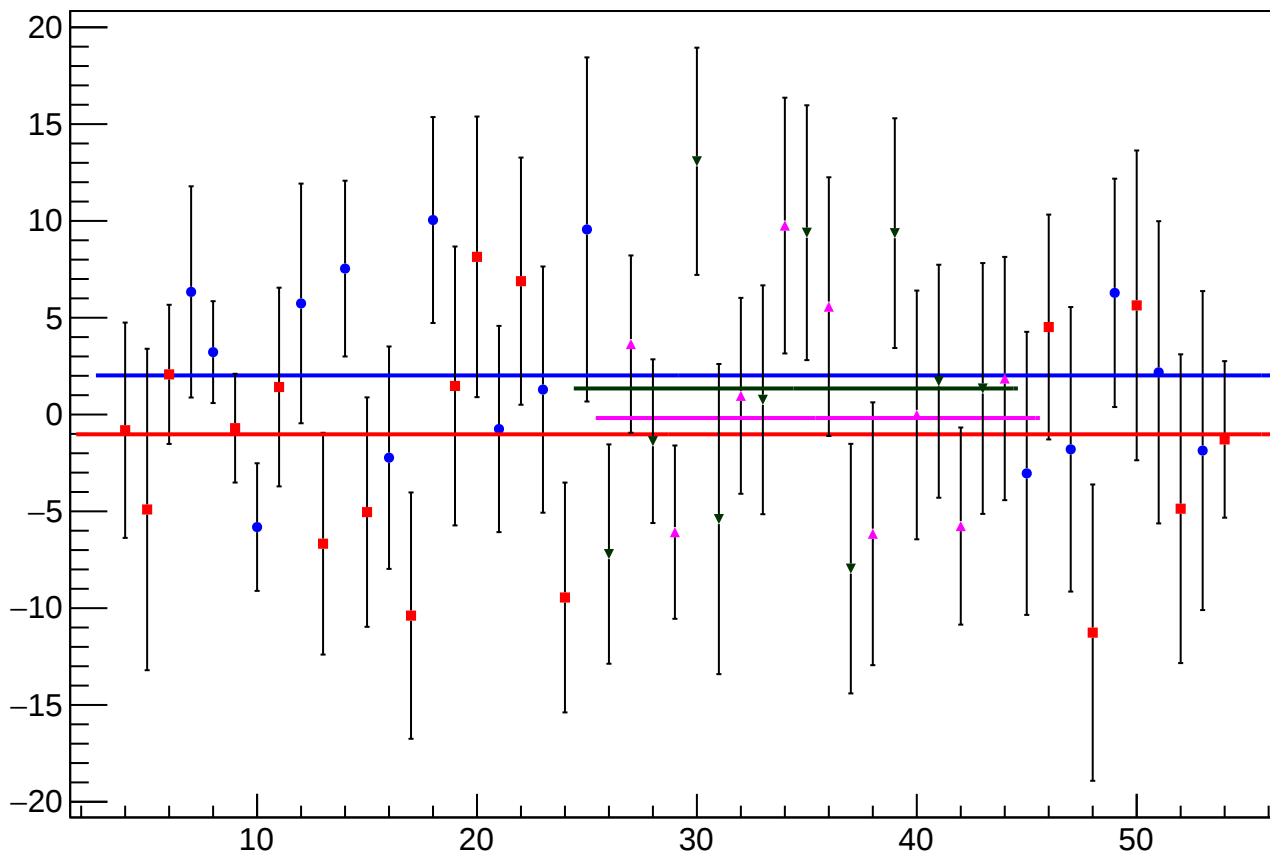
Right Out: 9720.155 $\pm$ 2.316 χ^2/NDF : 387404.4/16

Left In: 10013.319 $\pm$ 3.001 χ^2/NDF :86488.8/8

9910.981 $\pm$ 1.841 χ^2/NDF : 654696.7/24

9829.601 $\pm$ 1.834 χ^2/NDF : 479873.9/25

diff_bpm4eY_mean vs slug



Right In: 2.021 ± 1.313 χ^2/NDF : 13.6/14

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

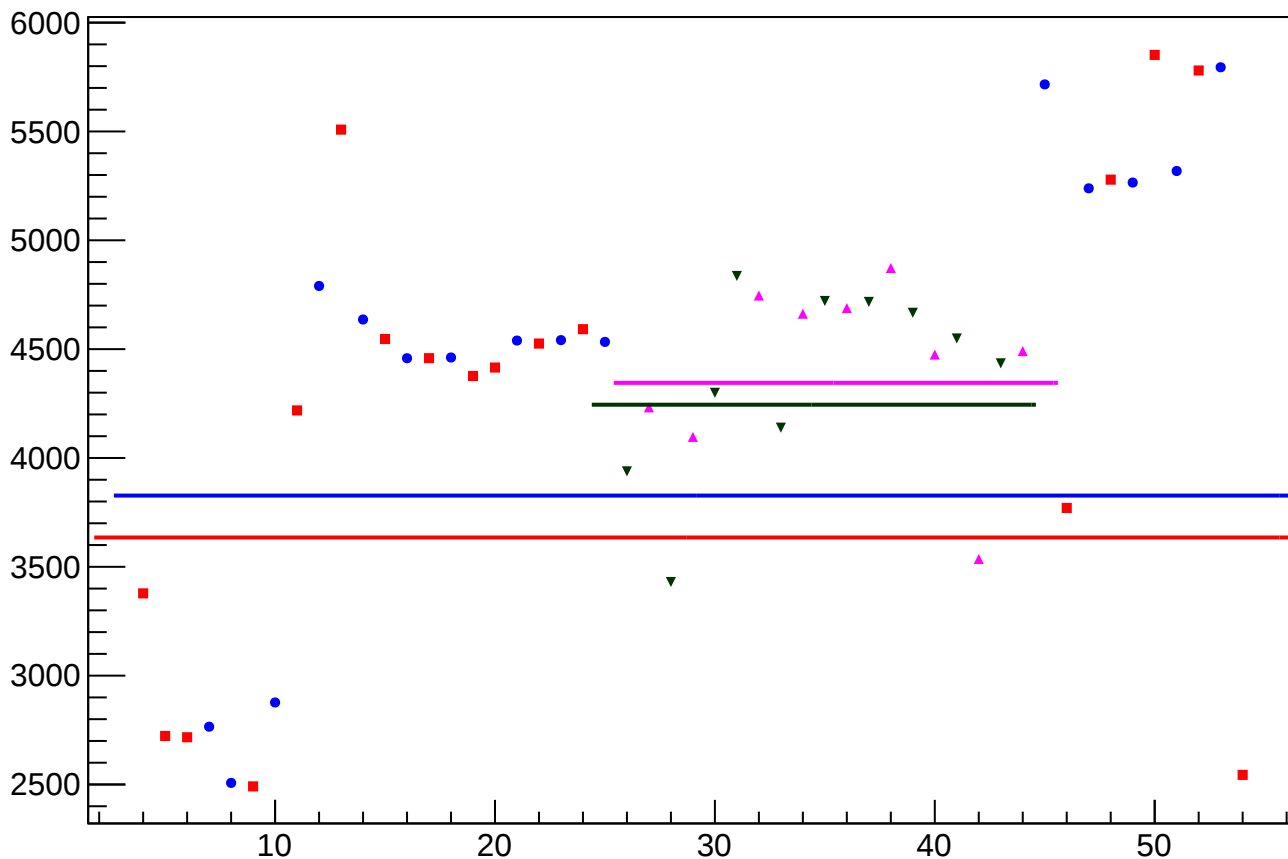
Right Out: -1.022 ± 1.287 χ^2/NDF : 13.7/16

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

1.797 ± 1.074 χ^2/NDF : 26.6/24

-0.747 ± 1.057 χ^2/NDF : 21.4/25

diff_bpm4eY_rms vs slug



Right In: 3827.298 ± 0.928 χ^2/NDF : 1497371.7/14

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

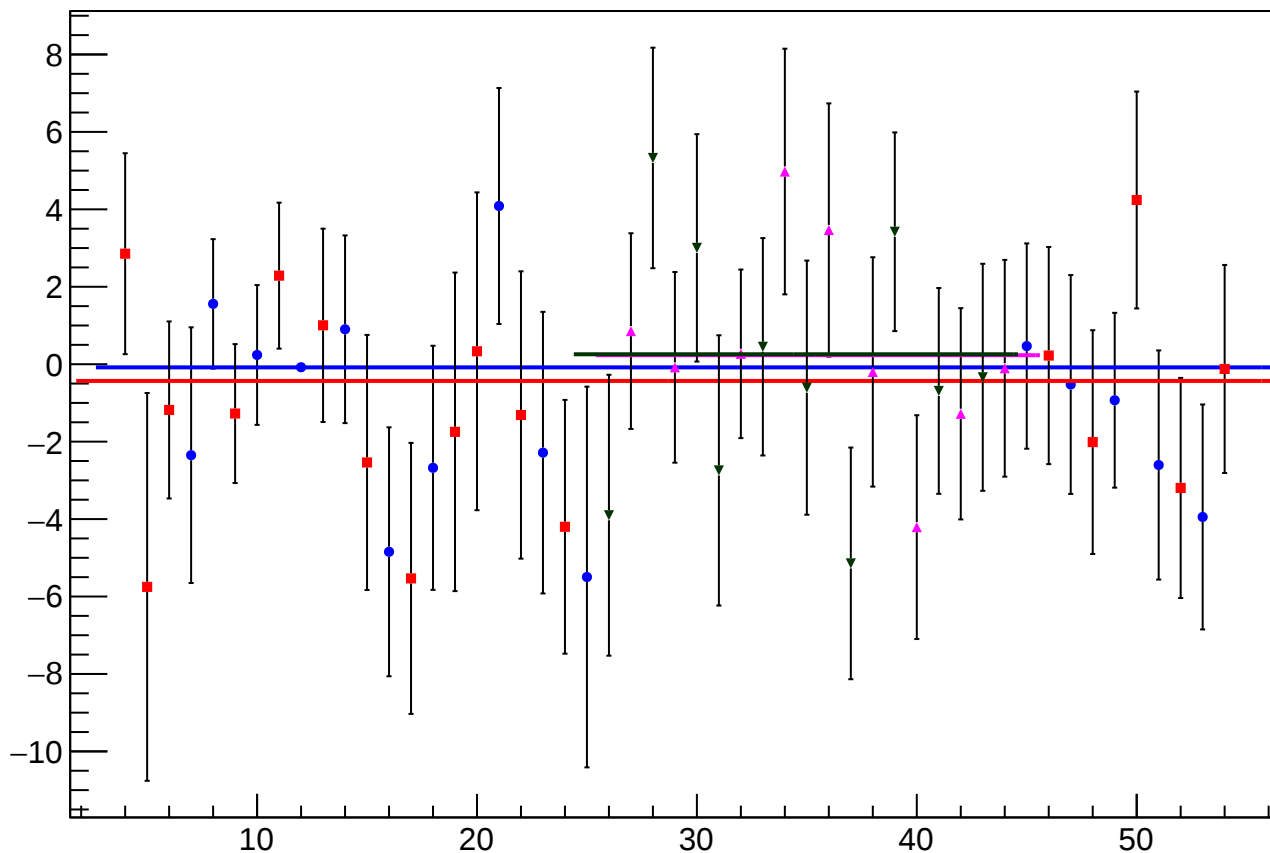
Right Out: 3634.662 ± 0.910 χ^2/NDF : 1483793.8/16

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

3965.536 ± 0.759 χ^2/NDF : 1694346.3/24

3866.299 ± 0.747 χ^2/NDF : 1776666.7/25

diff_bpm4acX_mean vs slug



Right In: -0.081 ± 0.060 χ^2/NDF : 10.7/14

Left Out: 0.257 ± 0.937 χ^2/NDF : 11.1/9

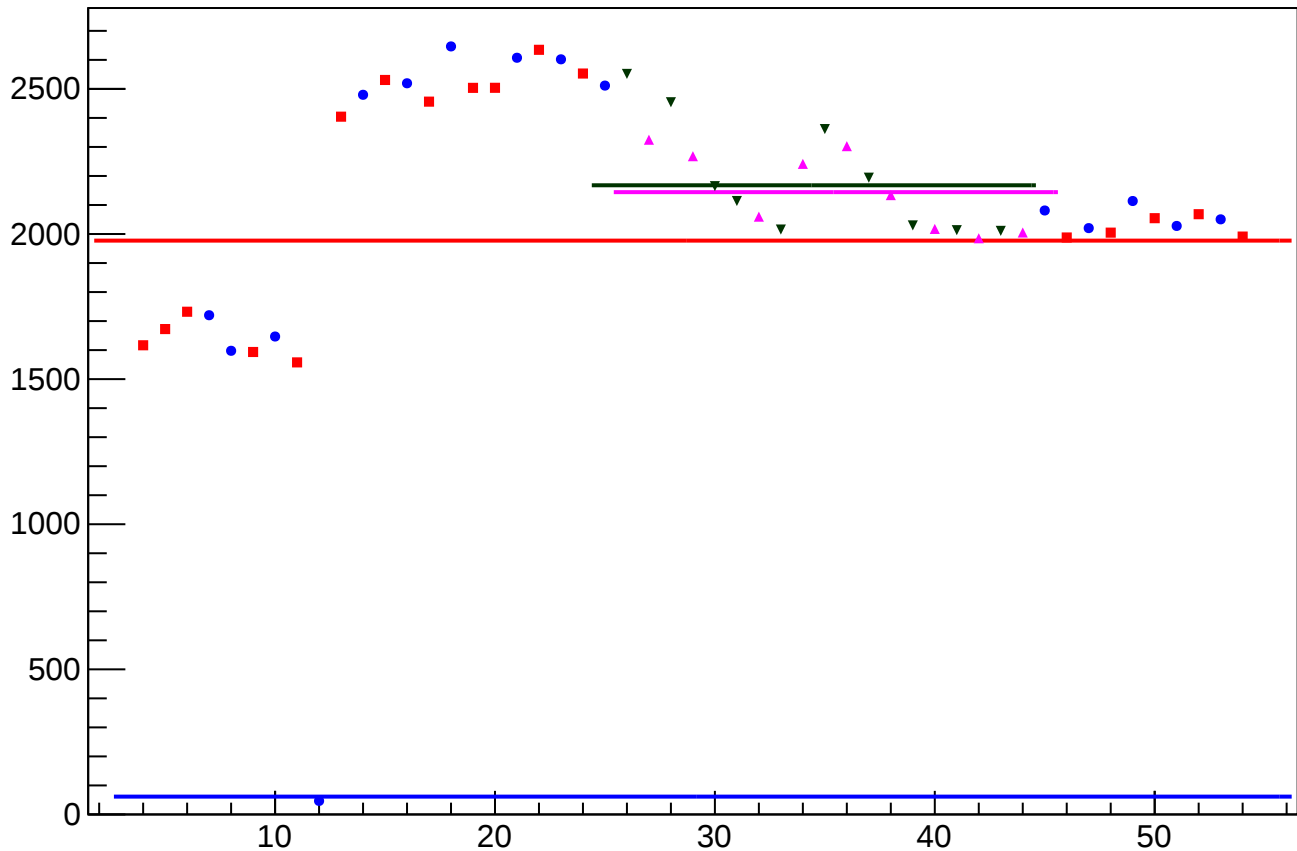
Right Out: -0.432 ± 0.670 χ^2/NDF : 13.6/16

Left In: 0.233 ± 0.905 χ^2/NDF : 6.0/8

-0.080 ± 0.060 χ^2/NDF : 21.9/24

-0.197 ± 0.539 χ^2/NDF : 20.0/25

diff_bpm4acX_rms vs slug



Right In: 61.480+/-0.042 χ^2 /NDF: 16822079.3/14

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

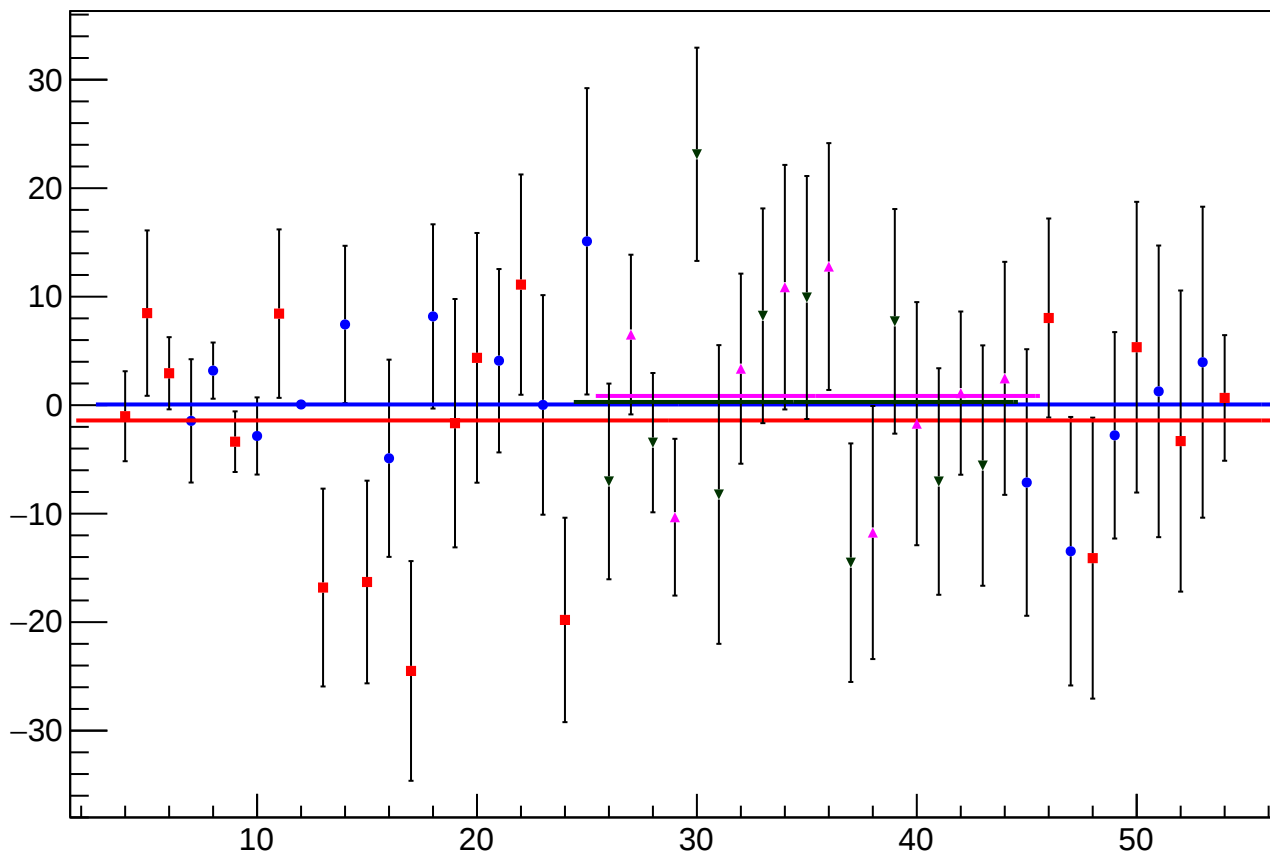
70.106+/-0.042 χ^2 /NDF: 26959202.2/24

Right Out: 1977.276+/-0.474 χ^2 /NDF: 606195.0/16

2036.402+/-0.381 χ^2 /NDF: 690630.2/25

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

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 $\chi^2/\text{NDF}: 7.5/14$

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

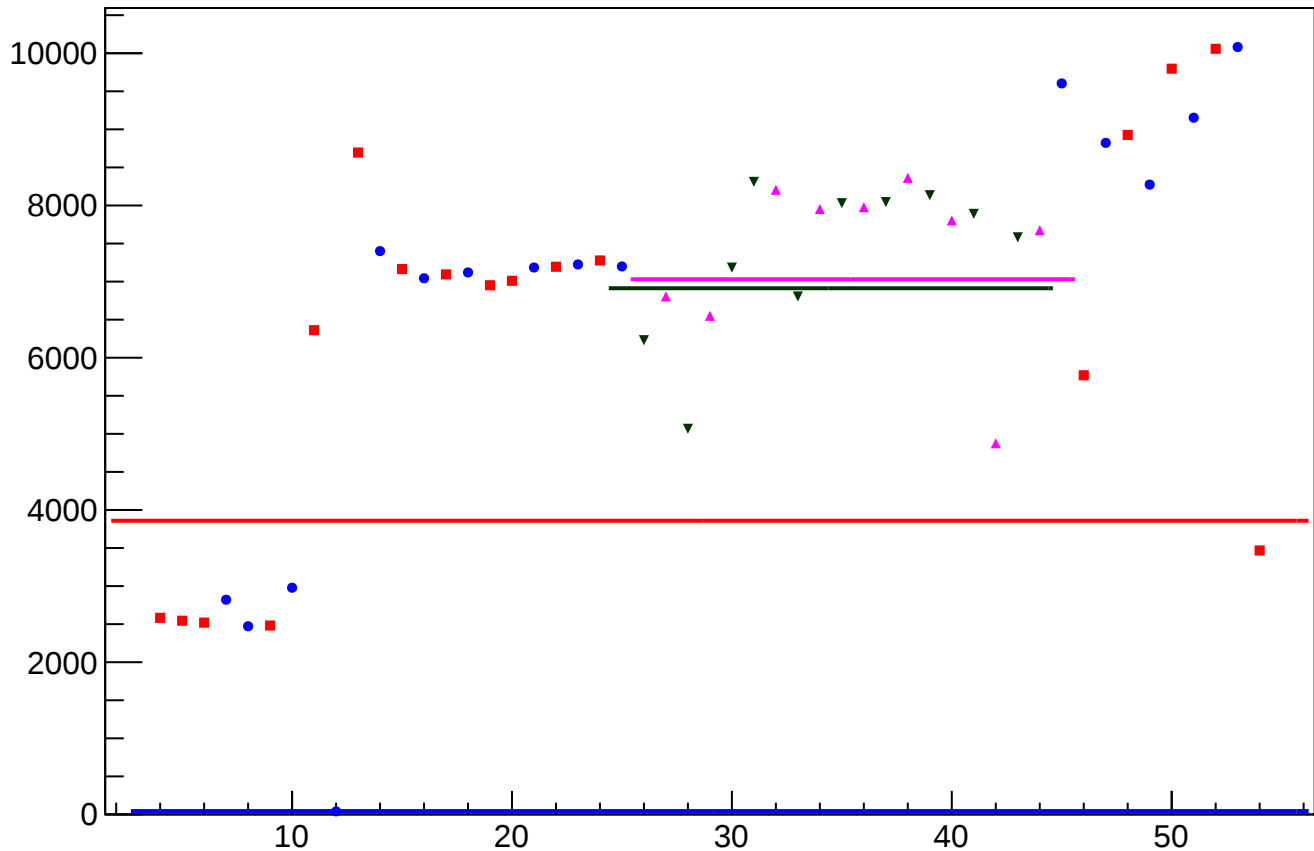
Right Out: -1.409 ± 1.511 $\chi^2/\text{NDF}: 24.1/16$

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

0.065 ± 0.052 $\chi^2/\text{NDF}: 18.8/24$

-0.963 ± 1.353 $\chi^2/\text{NDF}: 30.7/25$

diff_bpm4acY_rms vs slug



Right In: 44.475+/-0.037 χ^2/NDF : 16803576.9/14

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

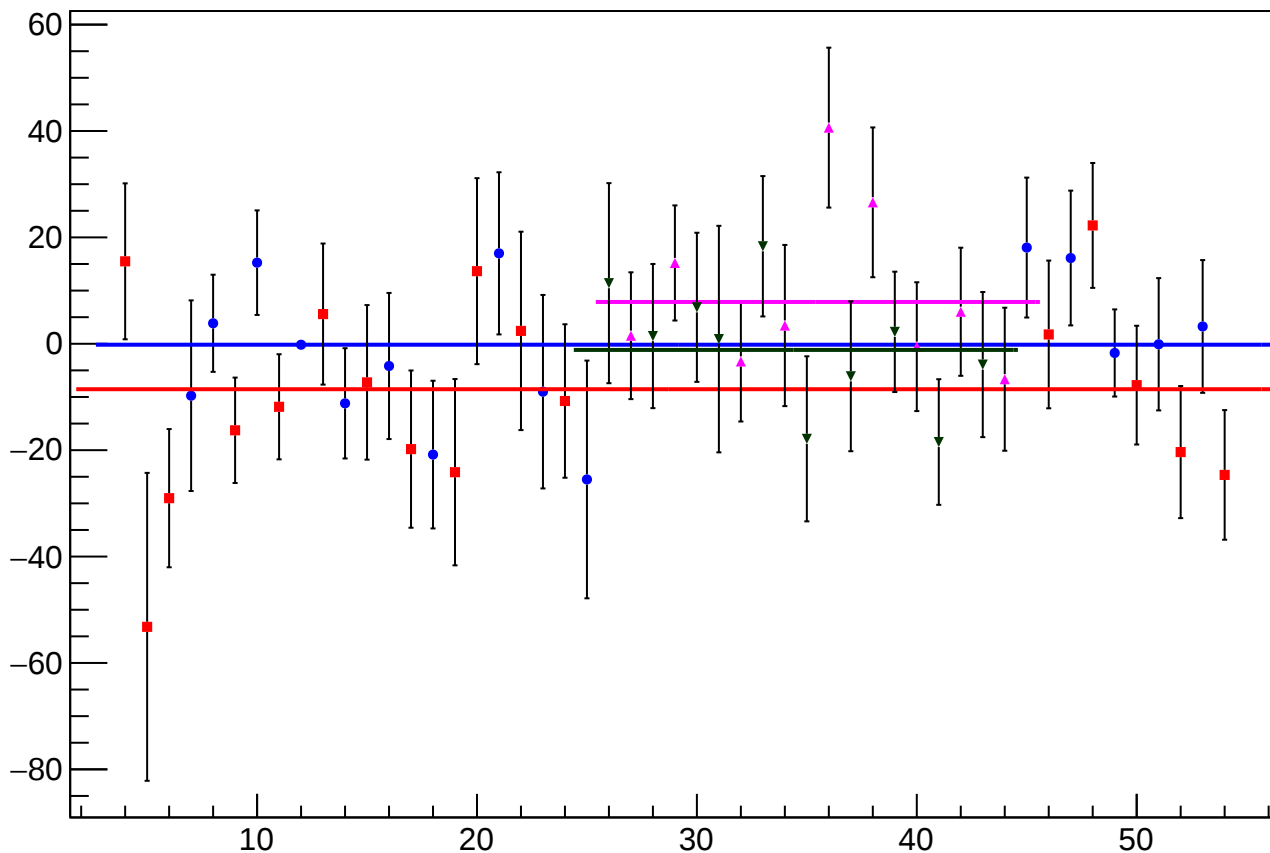
46.437+/-0.037 χ^2/NDF : 27027444.3/24

Right Out: 3858.501+/-1.068 χ^2/NDF : 4253087.2/16

4485.241+/-0.957 χ^2/NDF : 6276557.0/25

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

diff_bpm4ecX_mean vs slug



Right In: -0.175 ± 0.106 $\chi^2/\text{NDF}: 12.9/14$

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

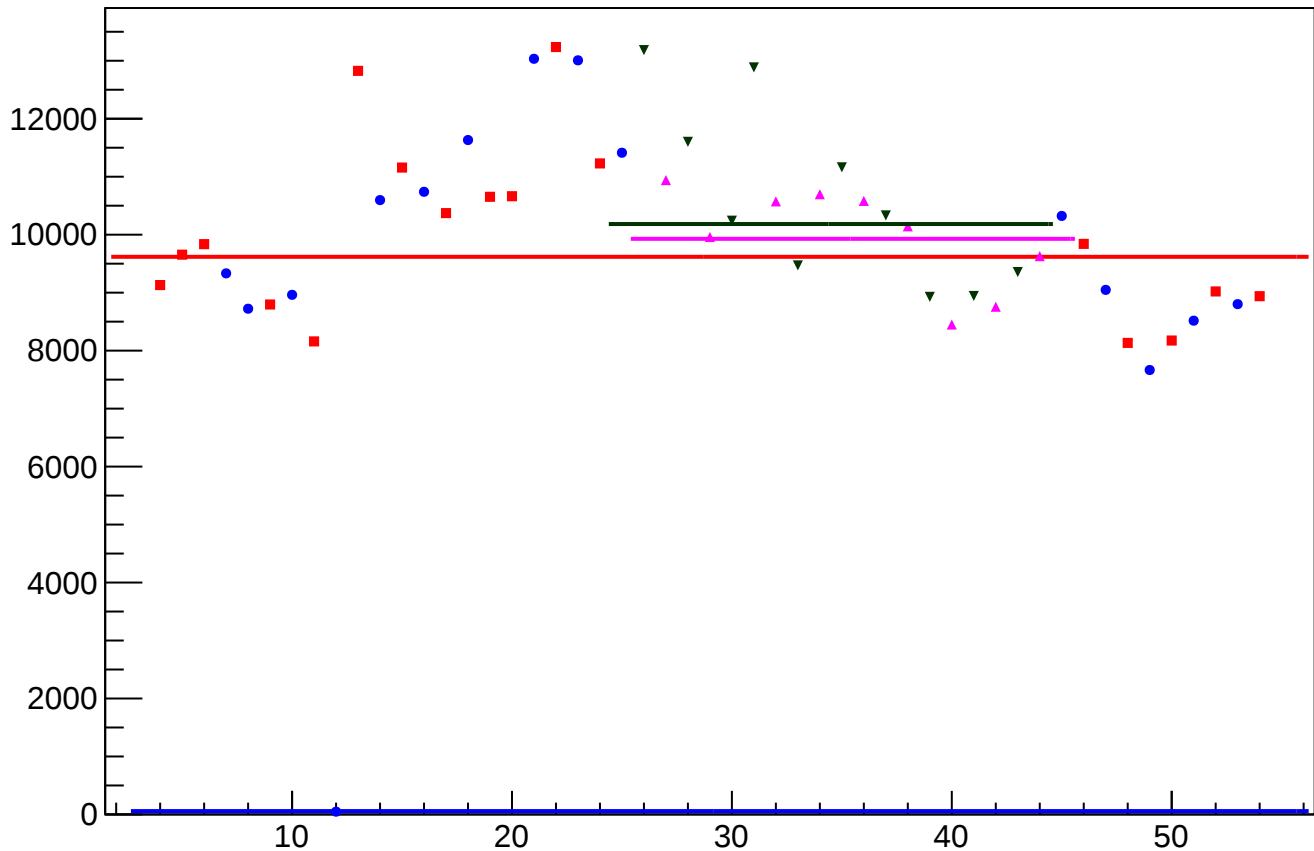
Right Out: -8.542 ± 3.242 $\chi^2/\text{NDF}: 22.9/16$

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

-0.176 ± 0.106 $\chi^2/\text{NDF}: 19.5/24$

-2.429 ± 2.568 $\chi^2/\text{NDF}: 42.4/25$

diff_bpm4ecX_rms vs slug



Right In: 58.211 ± 0.075 χ^2/NDF : 17505015.4/14

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

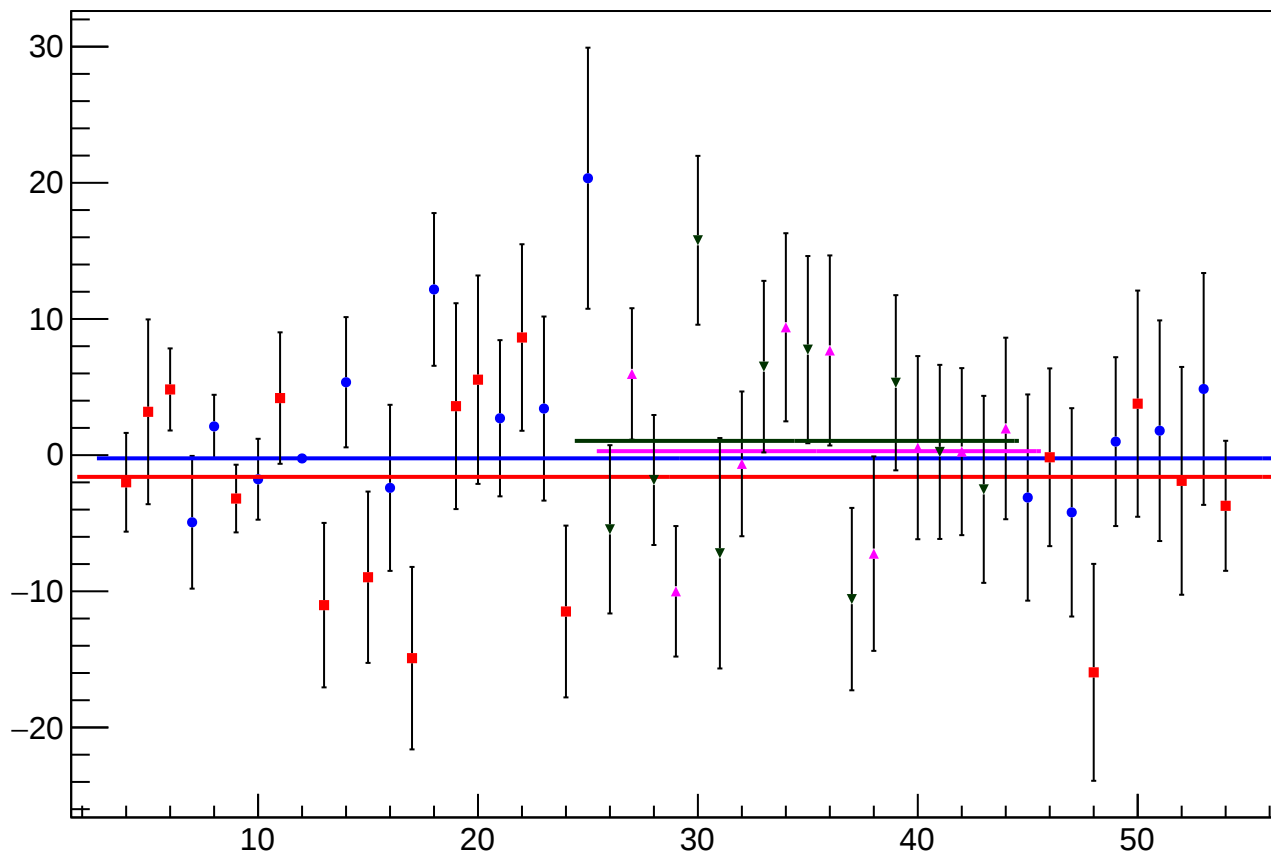
Right Out: 9618.448 ± 2.293 χ^2/NDF : 396030.6/16

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

64.049 ± 0.075 χ^2/NDF : 28102508.5/24

9733.988 ± 1.816 χ^2/NDF : 482968.7/25

diff_bpm4ecY_mean vs slug



Right In: -0.234 ± 0.090 χ^2/NDF : 14.6/14

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

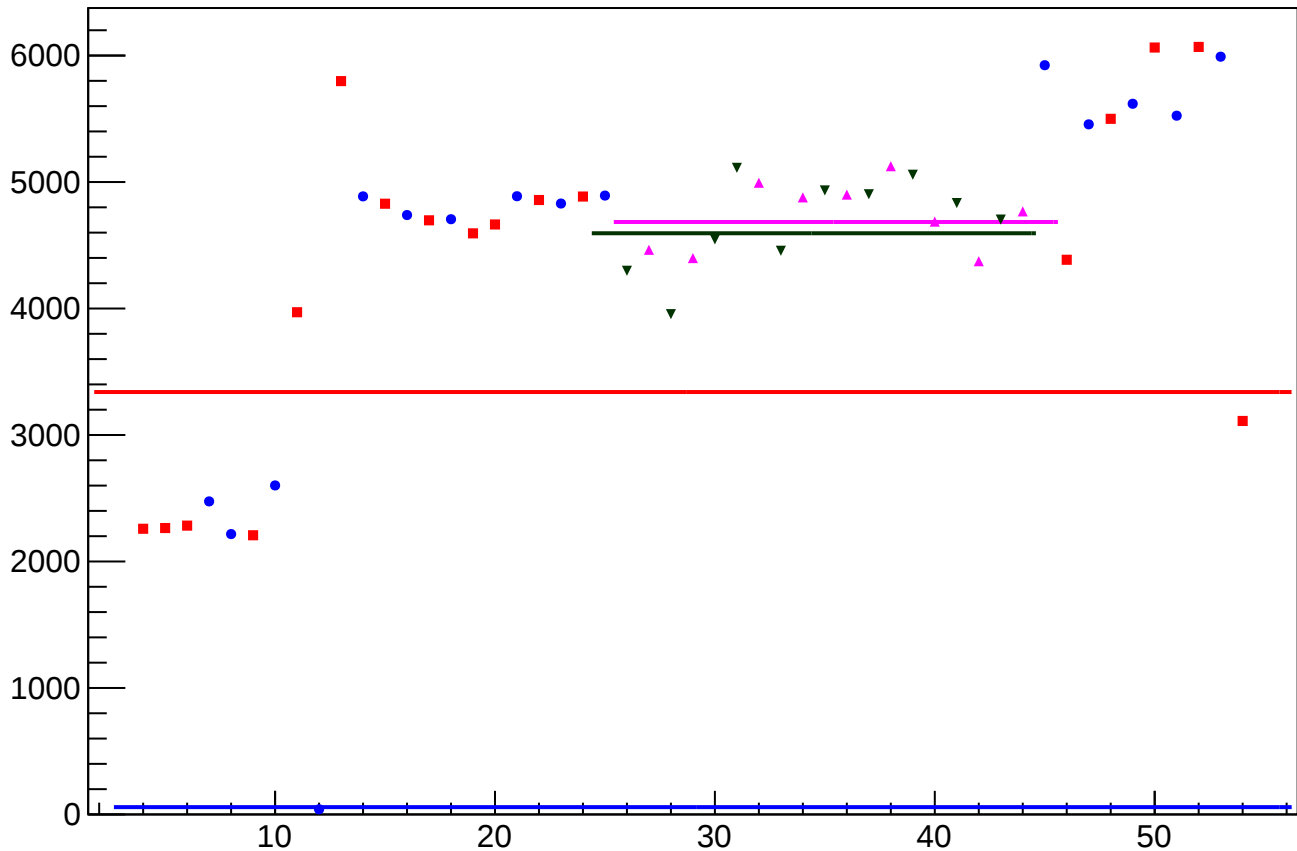
Right Out: -1.596 ± 1.212 χ^2/NDF : 24.6/16

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

-0.232 ± 0.090 χ^2/NDF : 28.5/24

-1.083 ± 1.034 χ^2/NDF : 35.3/25

diff_bpm4ecY_rms vs slug



Right In: 57.888+/-0.064 χ^2/NDF : 16959367.3/14

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

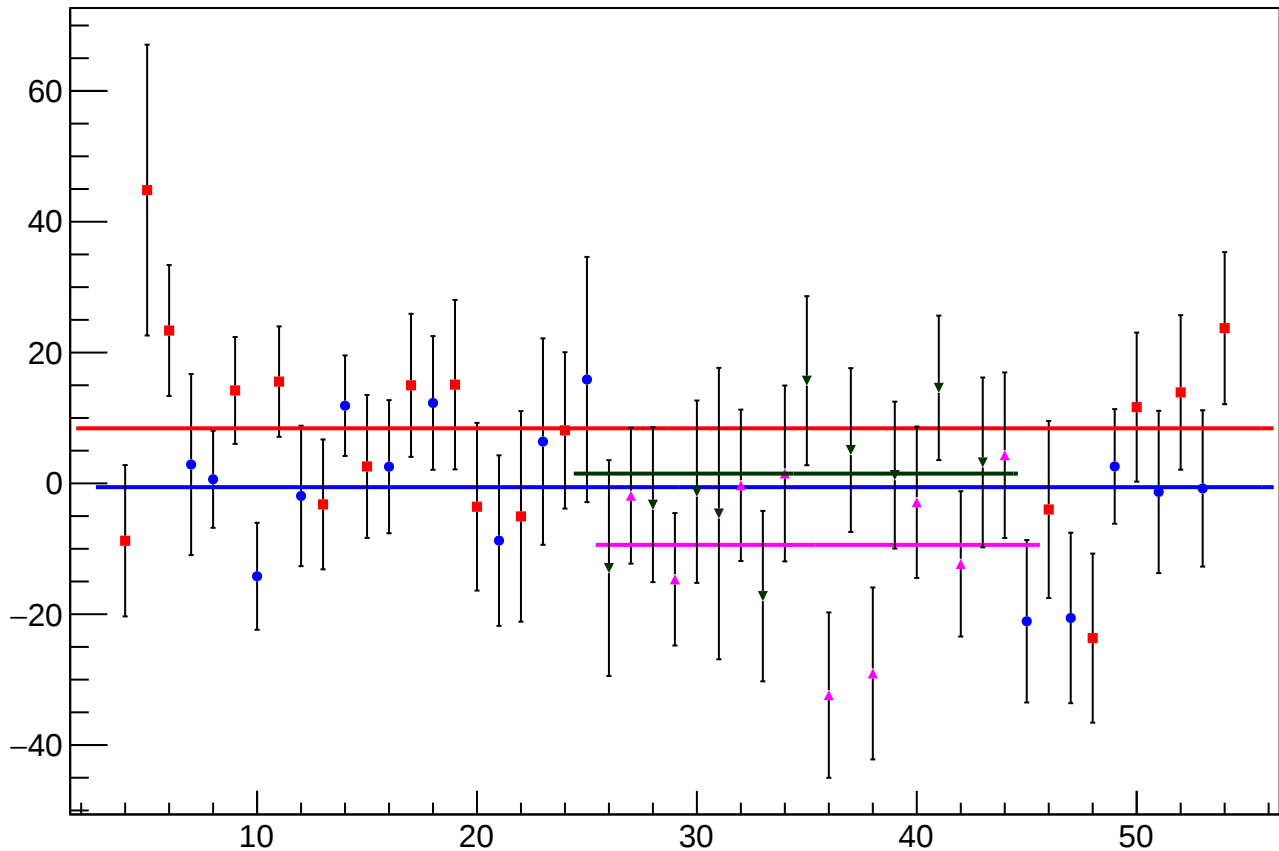
66.993+/-0.064 χ^2/NDF : 27242615.8/24

Right Out: 3339.740+/-0.857 χ^2/NDF : 2412362.9/16

3705.325+/-0.731 χ^2/NDF : 3115844.6/25

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

diff_bpm1X_mean vs slug



Right In: -0.578 ± 2.724 $\chi^2/\text{NDF}: 13.8/14$

Left Out: 1.495 ± 4.142 $\chi^2/\text{NDF}: 5.8/9$

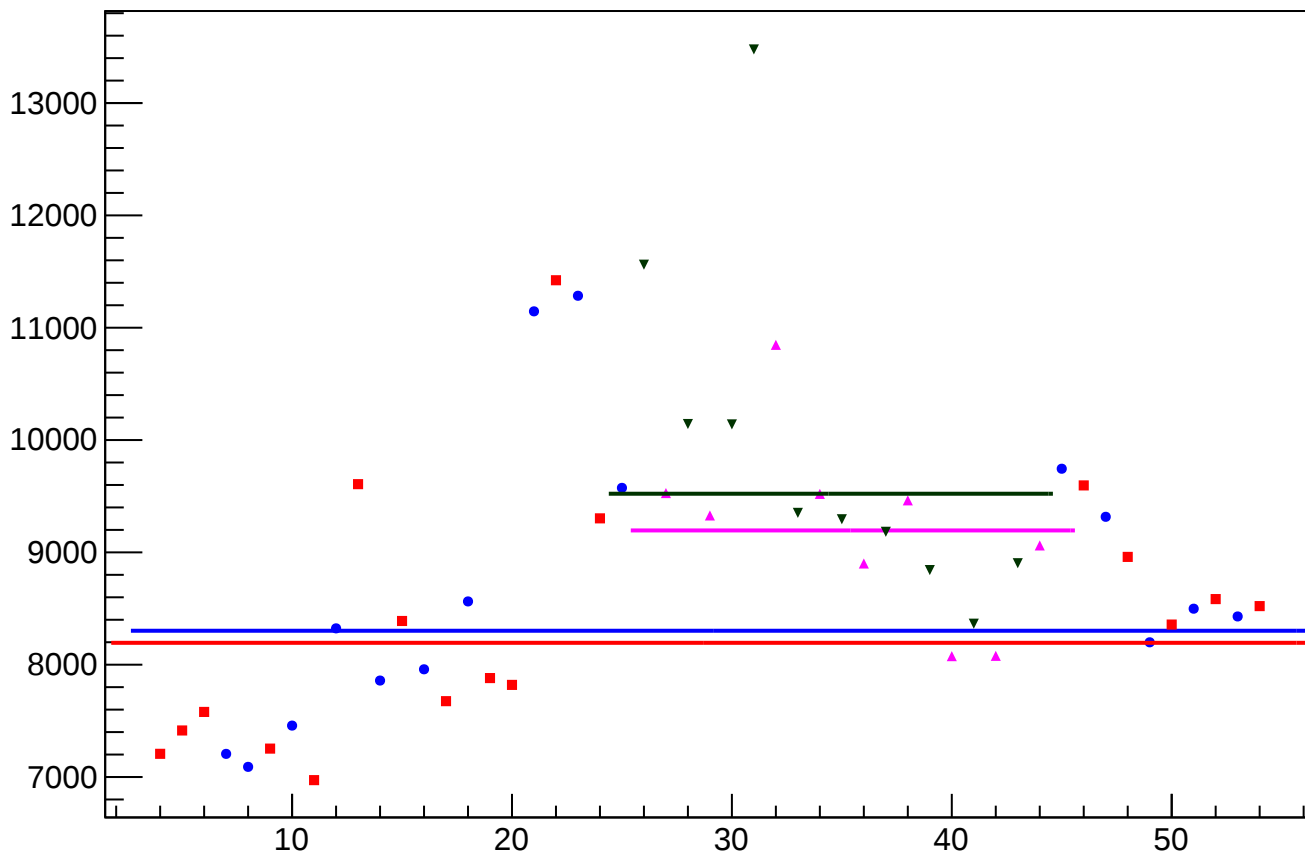
Right Out: 8.418 ± 2.752 $\chi^2/\text{NDF}: 21.2/16$

Left In: -9.400 ± 3.896 $\chi^2/\text{NDF}: 9.2/8$

0.048 ± 2.276 $\chi^2/\text{NDF}: 19.8/24$

2.485 ± 2.248 $\chi^2/\text{NDF}: 44.4/25$

diff_bpm1X_rms vs slug



Right In: 8302.171+/-1.926 χ^2/NDF : 313340.8/14

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

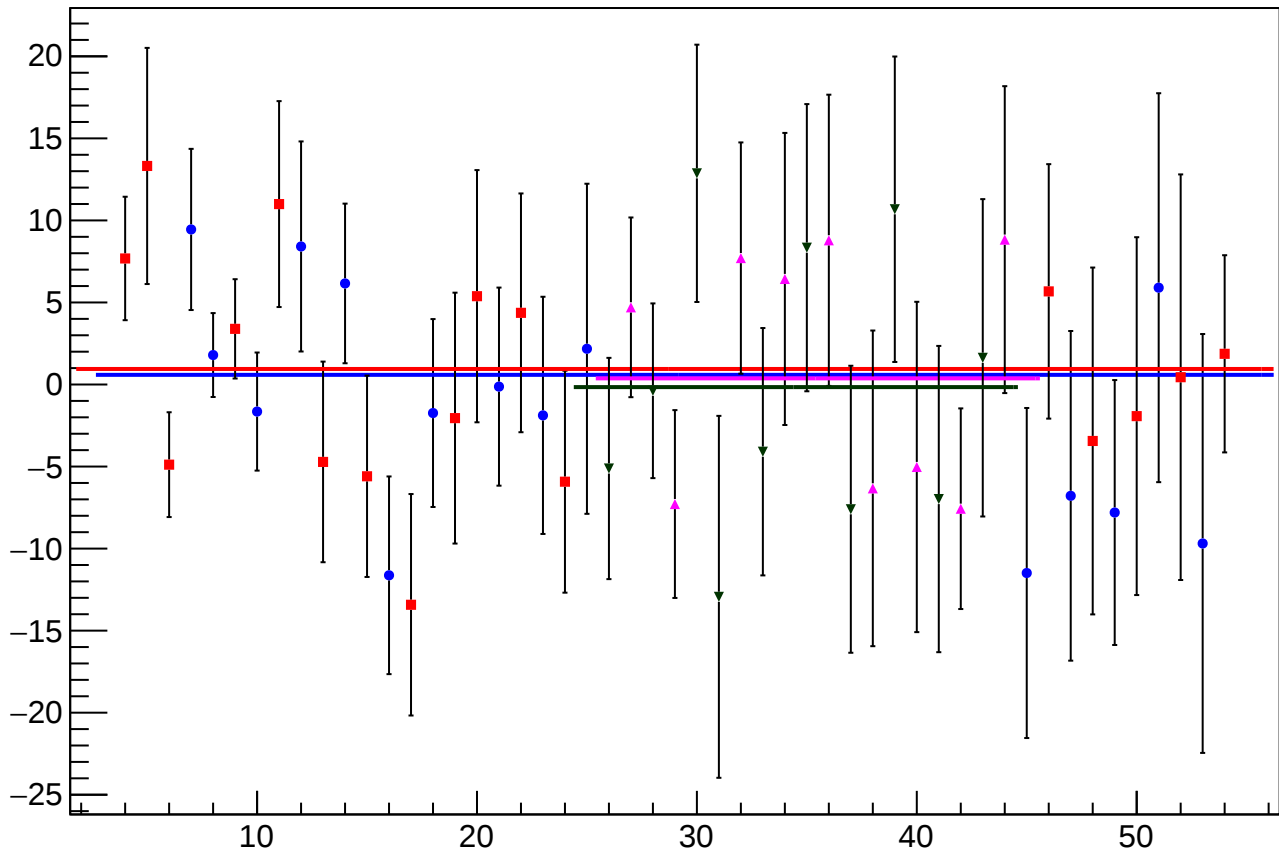
Right Out: 8194.753+/-1.946 χ^2/NDF : 271908.8/16

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

8670.375+/-1.609 χ^2/NDF : 573730.4/24

8527.909+/-1.590 χ^2/NDF : 445350.6/25

diff_bpm1Y_mean vs slug



Right In: 0.589 ± 1.412 $\chi^2/\text{NDF}: 15.0/14$

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

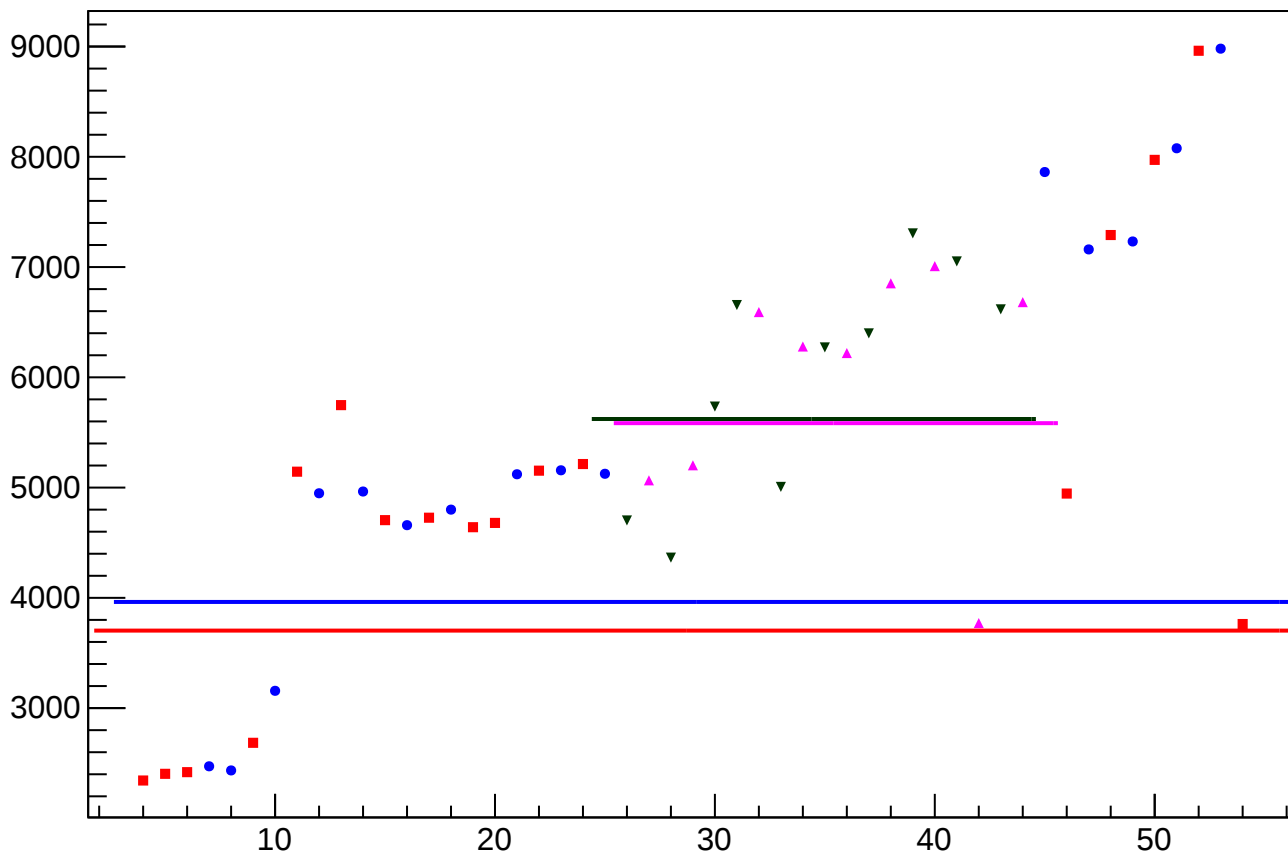
Right Out: 0.947 ± 1.360 $\chi^2/\text{NDF}: 21.6/16$

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

0.409 ± 1.230 $\chi^2/\text{NDF}: 23.6/24$

0.811 ± 1.187 $\chi^2/\text{NDF}: 29.8/25$

diff_bpm1Y_rms vs slug



Right In: 3962.816+/-0.999 χ^2/NDF : 2736703.3/14

Left Out: 5621.962+/-1.772 χ^2/NDF :340384.5/9

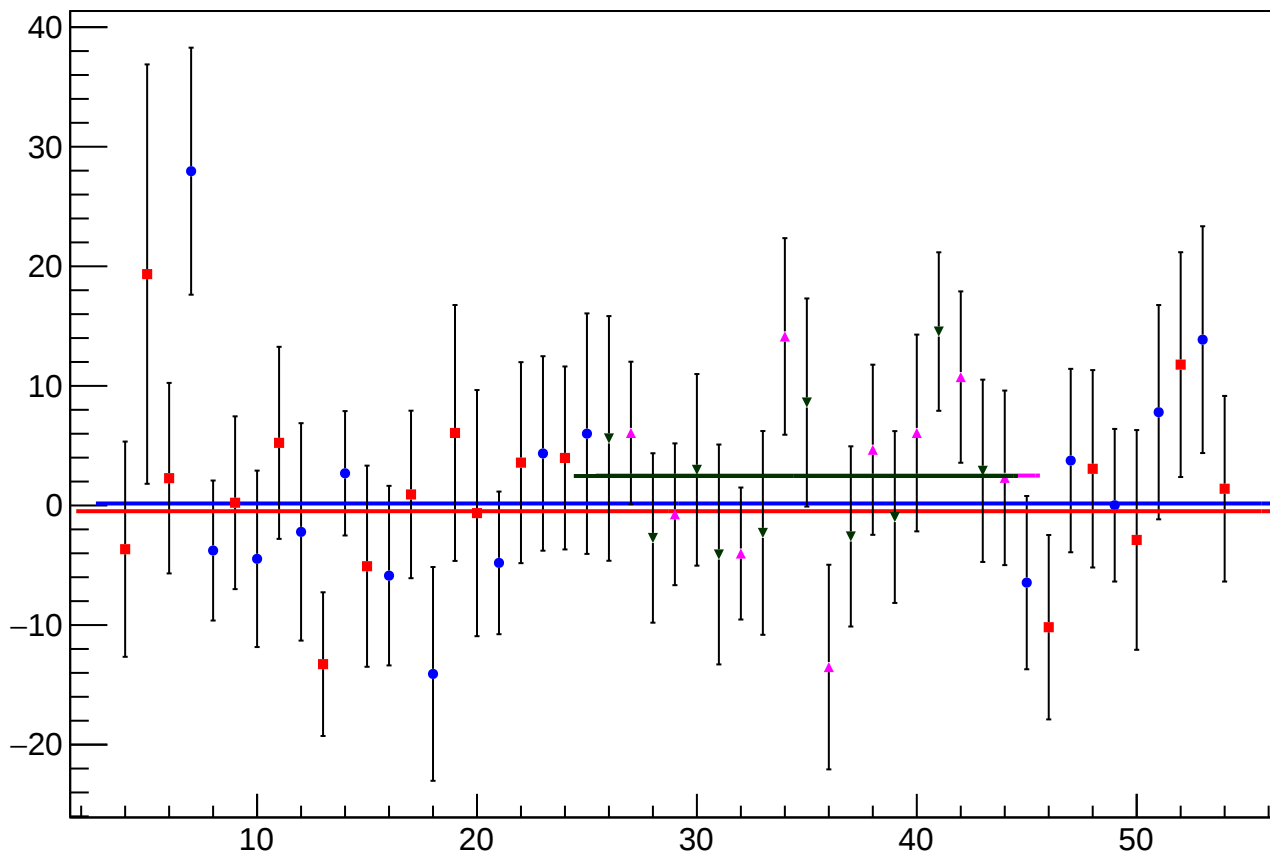
Right Out: 3702.960+/-0.961 χ^2/NDF : 2496895.4/16

Left In: 5584.245+/-1.724 χ^2/NDF :368430.0/8

4362.789+/-0.870 χ^2/NDF : 3742361.7/24

4149.151+/-0.840 χ^2/NDF : 3773551.5/25

diff_bpm11X_mean vs slug



Right In: 0.166 ± 1.912 χ^2/NDF : 16.7/14

Left Out: 2.463 ± 2.494 χ^2/NDF : 6.0/9

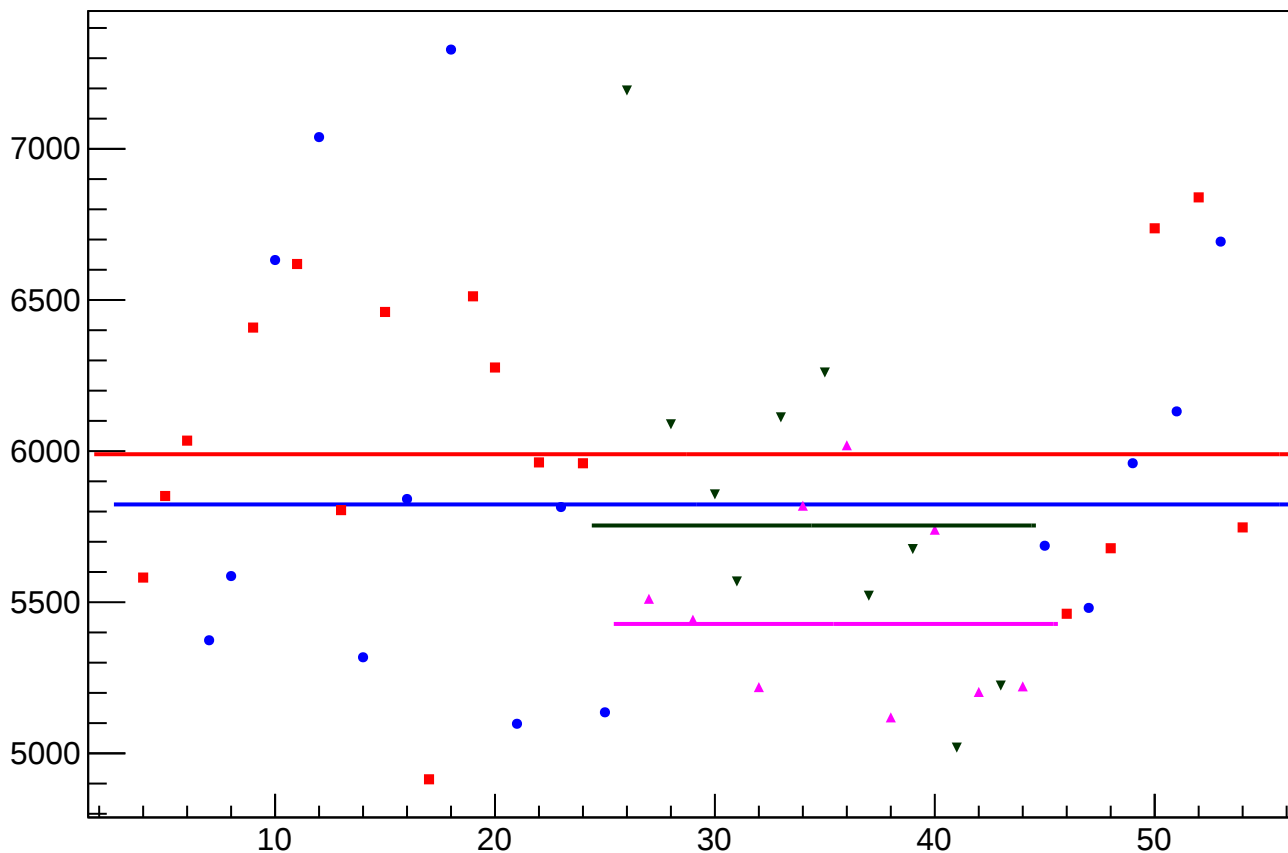
Right Out: -0.480 ± 2.004 χ^2/NDF : 11.4/16

Left In: 2.501 ± 2.290 χ^2/NDF : 9.2/8

1.017 ± 1.517 χ^2/NDF : 23.2/24

0.813 ± 1.508 χ^2/NDF : 21.6/25

diff_bpm11X_rms vs slug



Right In: 5823.552 $\pm$ 1.352 χ^2 /NDF: 206216.6/14

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

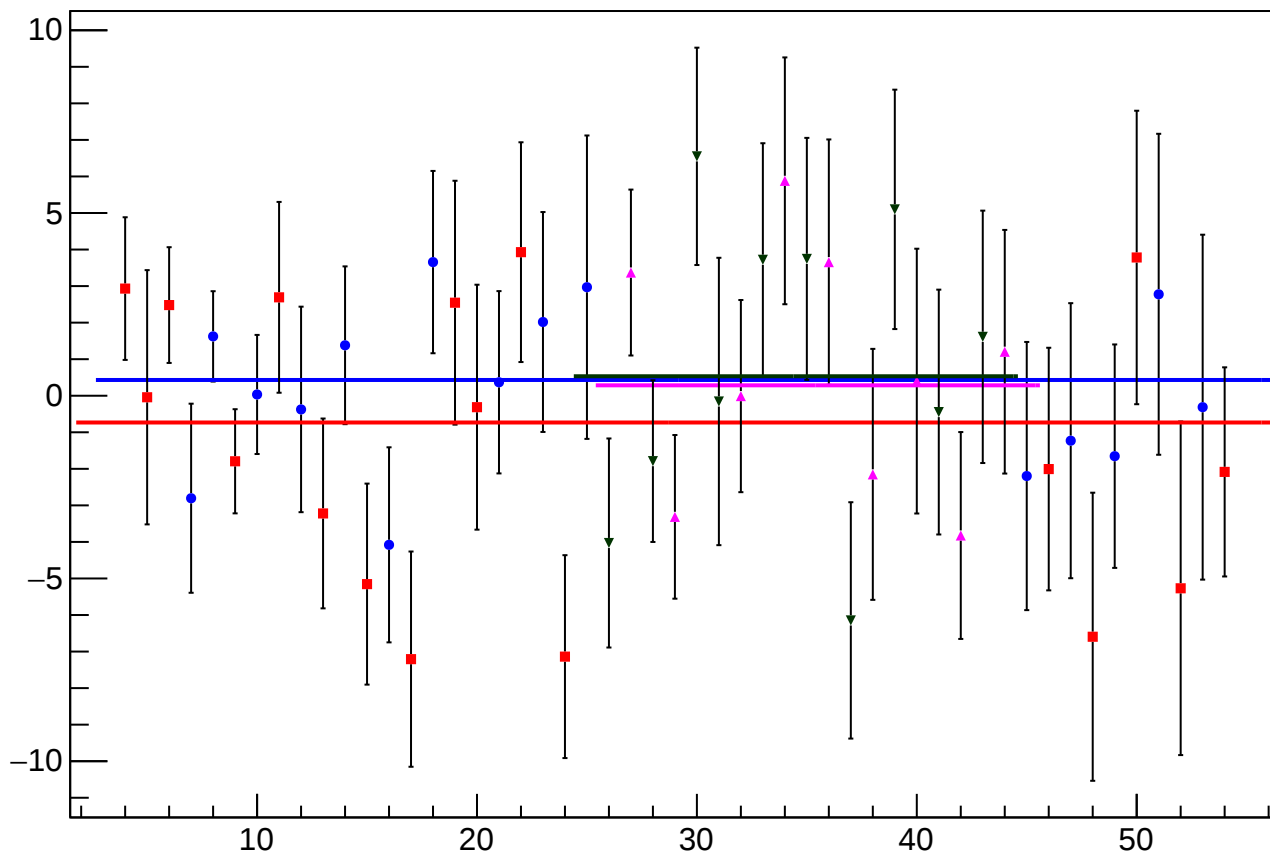
Right Out: 5989.665 $\pm$ 1.417 χ^2 /NDF: 128765.5/16

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

5797.750 $\pm$ 1.073 χ^2 /NDF: 299074.8/24

5746.086 $\pm$ 1.066 χ^2 /NDF: 224425.5/25

diff_bpm11Y_mean vs slug



Right In: 0.431 ± 0.632 χ^2/NDF : 9.5/14

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

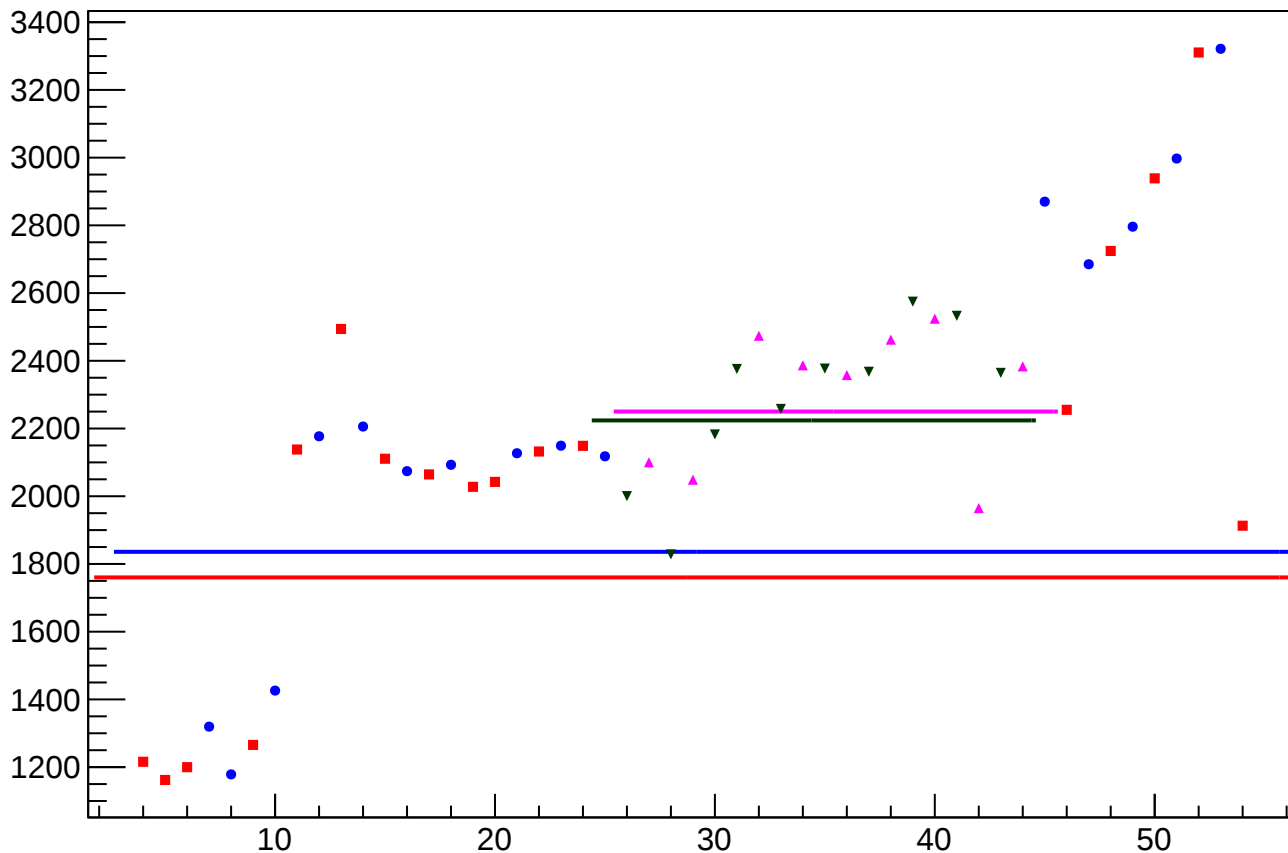
Right Out: -0.732 ± 0.622 χ^2/NDF : 31.8/16

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

0.461 ± 0.530 χ^2/NDF : 25.6/24

-0.431 ± 0.522 χ^2/NDF : 43.5/25

diff_bpm11Y_rms vs slug



Right In: 1835.847 $\pm$ 0.447 χ^2 /NDF: 1751455.4/14

Left Out: 2223.927 $\pm$ 0.688 χ^2 /NDF:131291.4/9

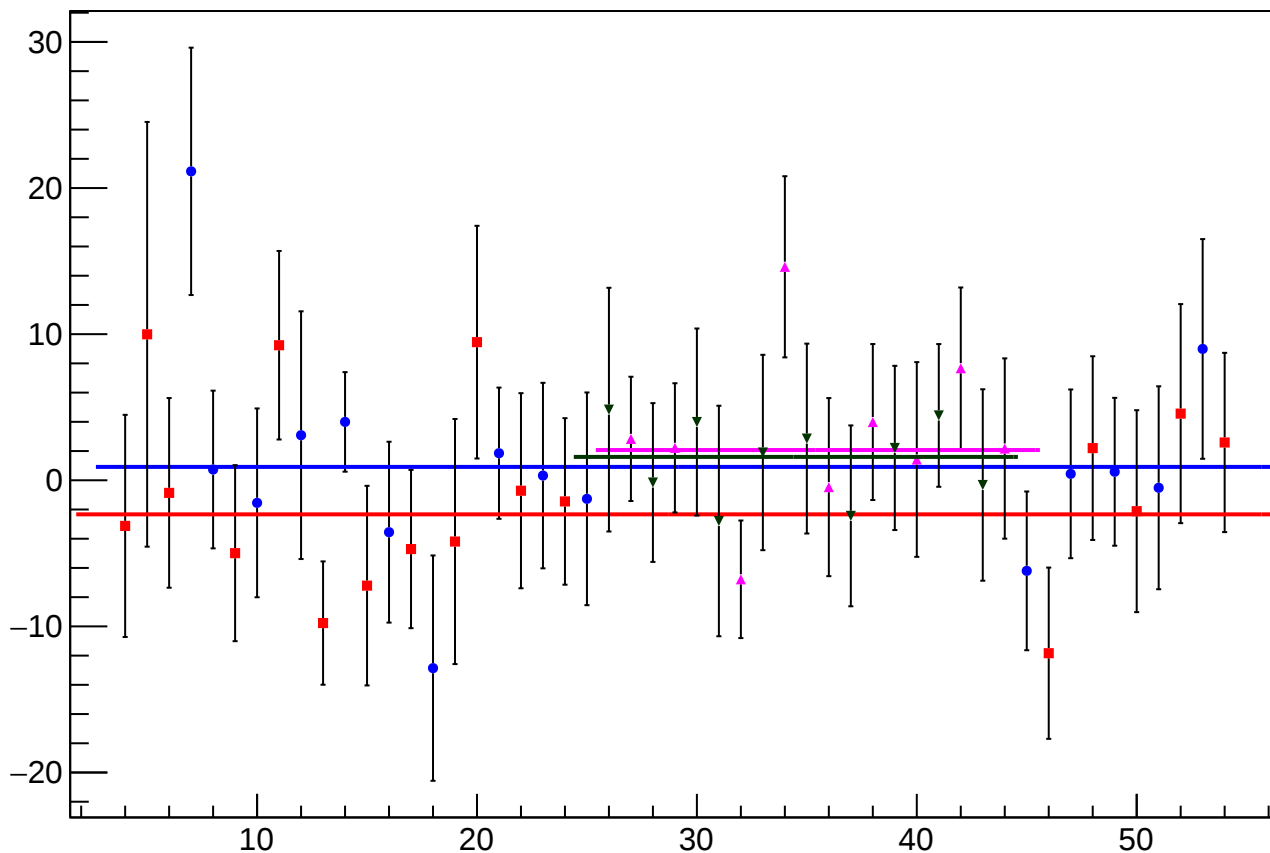
1951.061 $\pm$ 0.375 χ^2 /NDF: 2106371.6/24

Right Out: 1760.282 $\pm$ 0.440 χ^2 /NDF: 1631483.6/16

1905.600 $\pm$ 0.369 χ^2 /NDF: 2086952.5/25

Left In: 2250.163 $\pm$ 0.677 χ^2 /NDF:87324.1/8

diff_bpm12X_mean vs slug



Right In: 0.915 ± 1.491 χ^2/NDF : 13.5/14

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

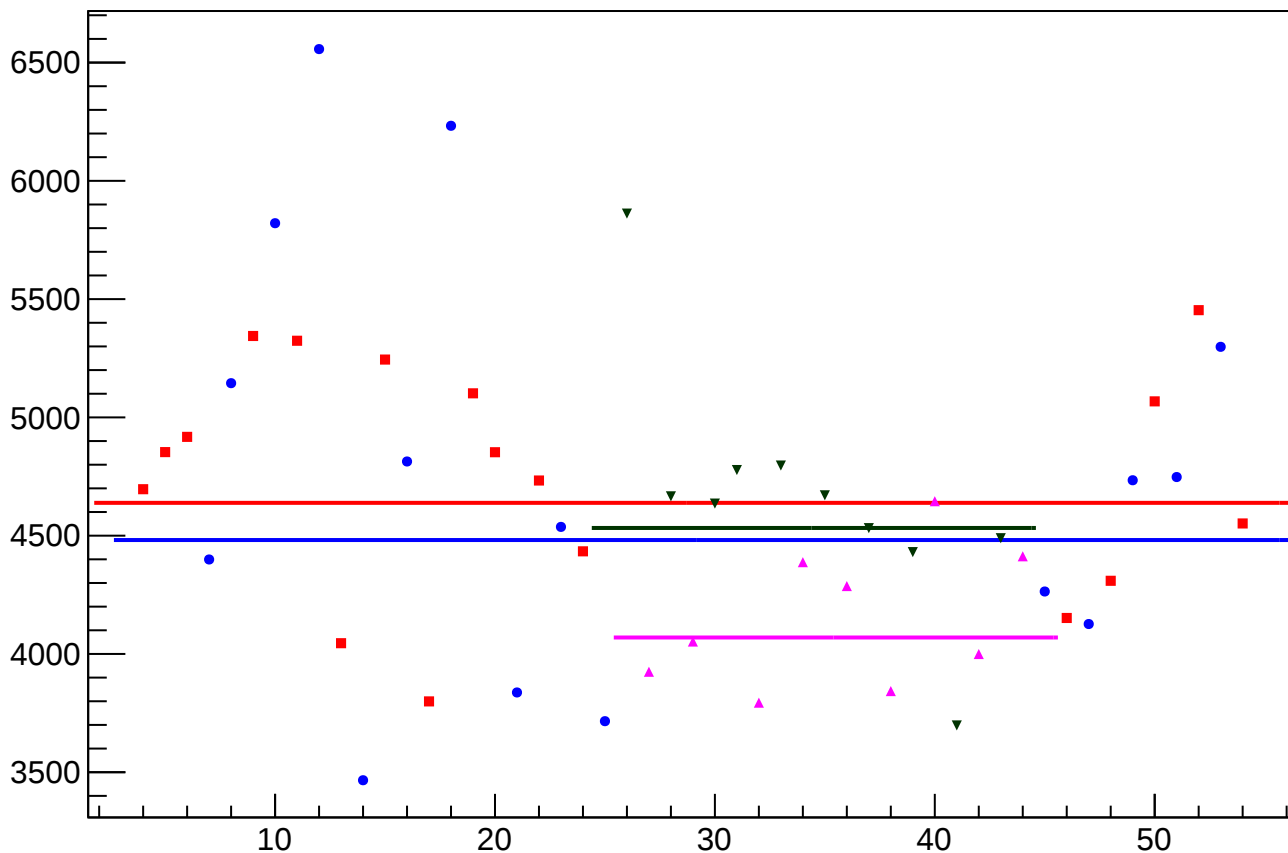
Right Out: -2.332 ± 1.558 χ^2/NDF : 15.0/16

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

1.164 ± 1.189 χ^2/NDF : 15.2/24

-0.349 ± 1.155 χ^2/NDF : 28.9/25

diff_bpm12X_rms vs slug



Right In: 4481.550+/-1.054 χ^2/NDF : 628589.6/14

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

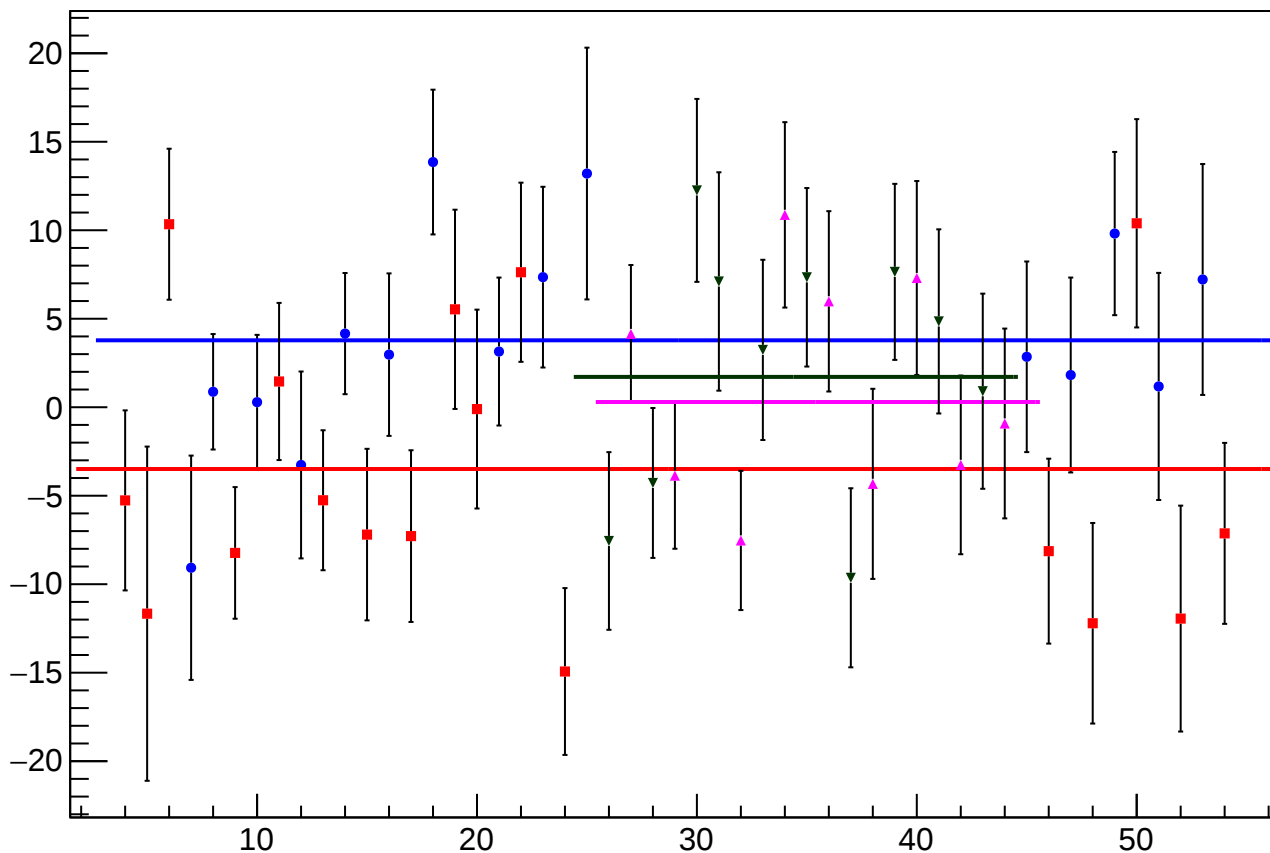
Right Out: 4638.784+/-1.102 χ^2/NDF : 219074.7/16

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

4500.144+/-0.841 χ^2/NDF : 747074.5/24

4382.314+/-0.817 χ^2/NDF : 383972.8/25

diff_bpm12Y_mean vs slug



Right In: 3.781 ± 1.200 $\chi^2/\text{NDF}: 18.2/14$

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

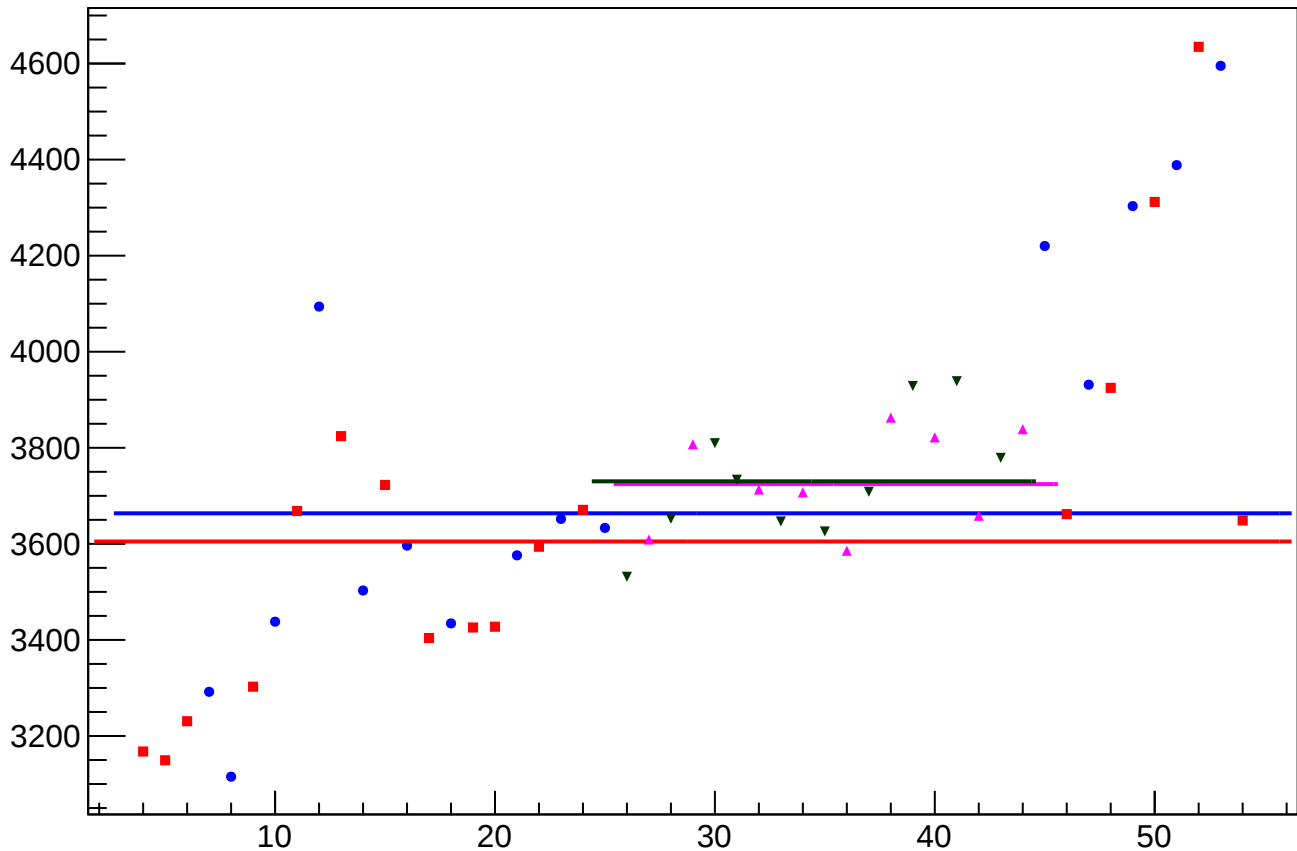
Right Out: -3.491 ± 1.210 $\chi^2/\text{NDF}: 40.3/16$

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

3.042 ± 0.962 $\chi^2/\text{NDF}: 37.8/24$

-2.080 ± 0.958 $\chi^2/\text{NDF}: 58.1/25$

diff_bpm12Y_rms vs slug



Right In: 3663.592 ± 0.849 χ^2/NDF : 226628.0/14

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

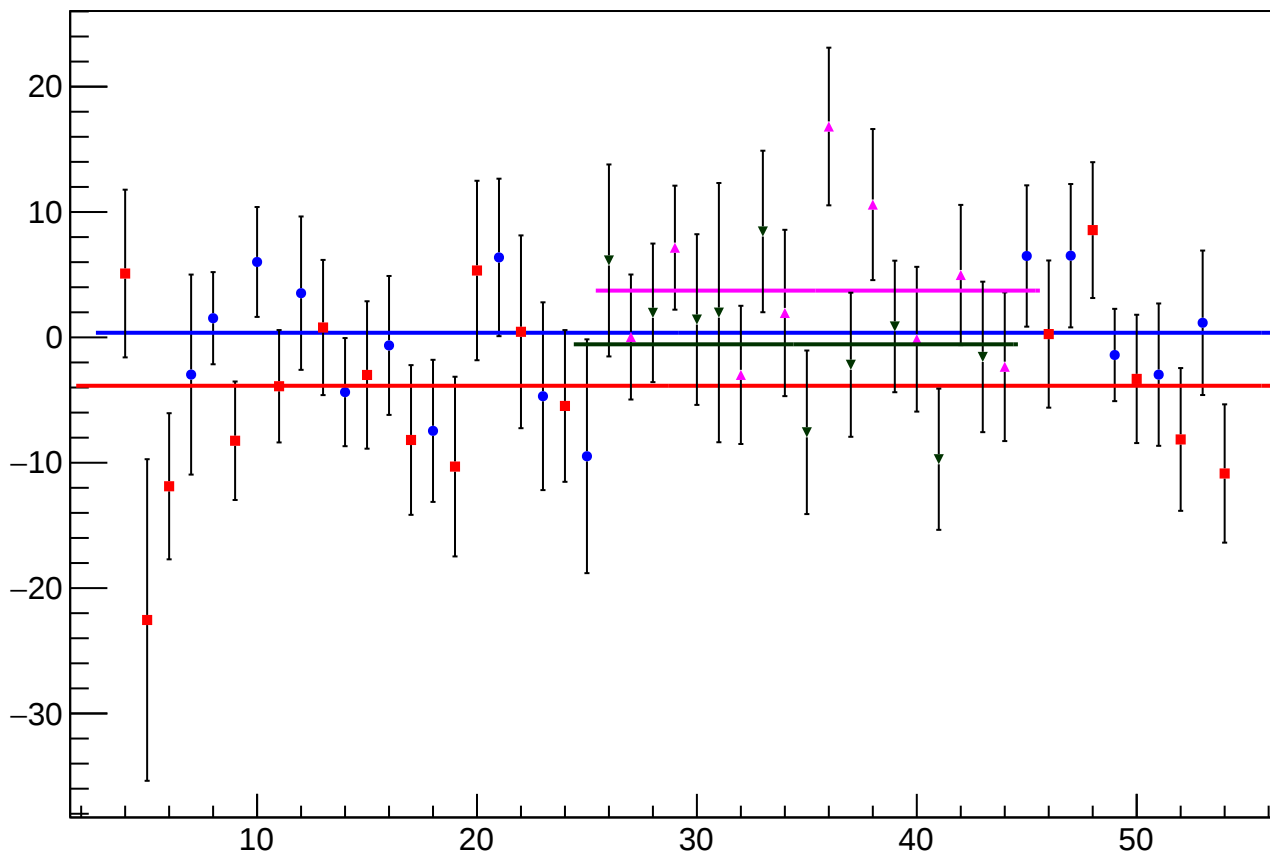
3687.397 ± 0.680 χ^2/NDF : 241094.2/24

Right Out: 3604.910 ± 0.855 χ^2/NDF : 151308.0/16

3649.428 ± 0.677 χ^2/NDF : 165868.8/25

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

diff_bpm16X_mean vs slug



Right In: 0.368 ± 1.364 $\chi^2/\text{NDF}: 10.8/14$

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

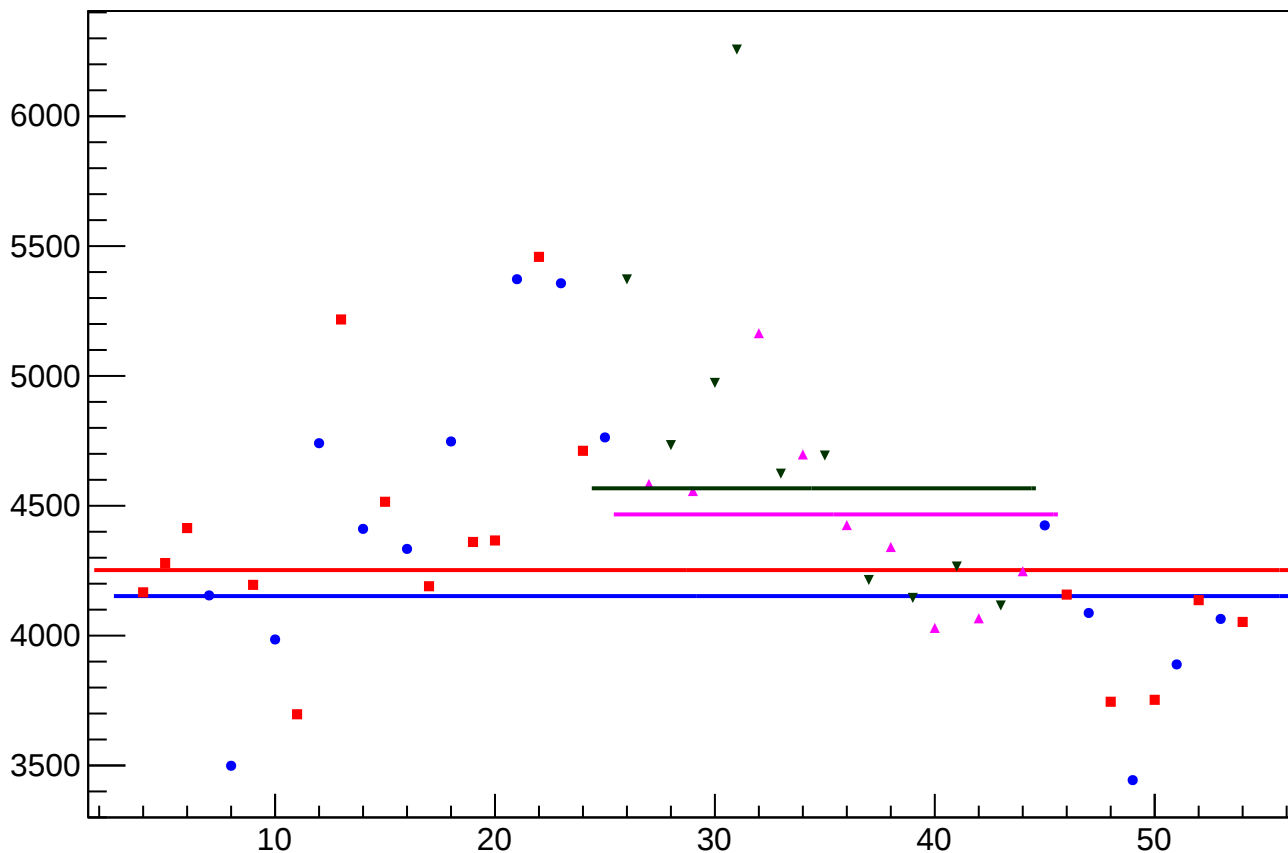
Right Out: -3.860 ± 1.426 $\chi^2/\text{NDF}: 18.7/16$

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

0.073 ± 1.124 $\chi^2/\text{NDF}: 18.0/24$

-1.106 ± 1.138 $\chi^2/\text{NDF}: 38.8/25$

diff_bpm16X_rms vs slug



Right In: 4152.234+/-0.964 χ^2/NDF : 335691.0/14

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

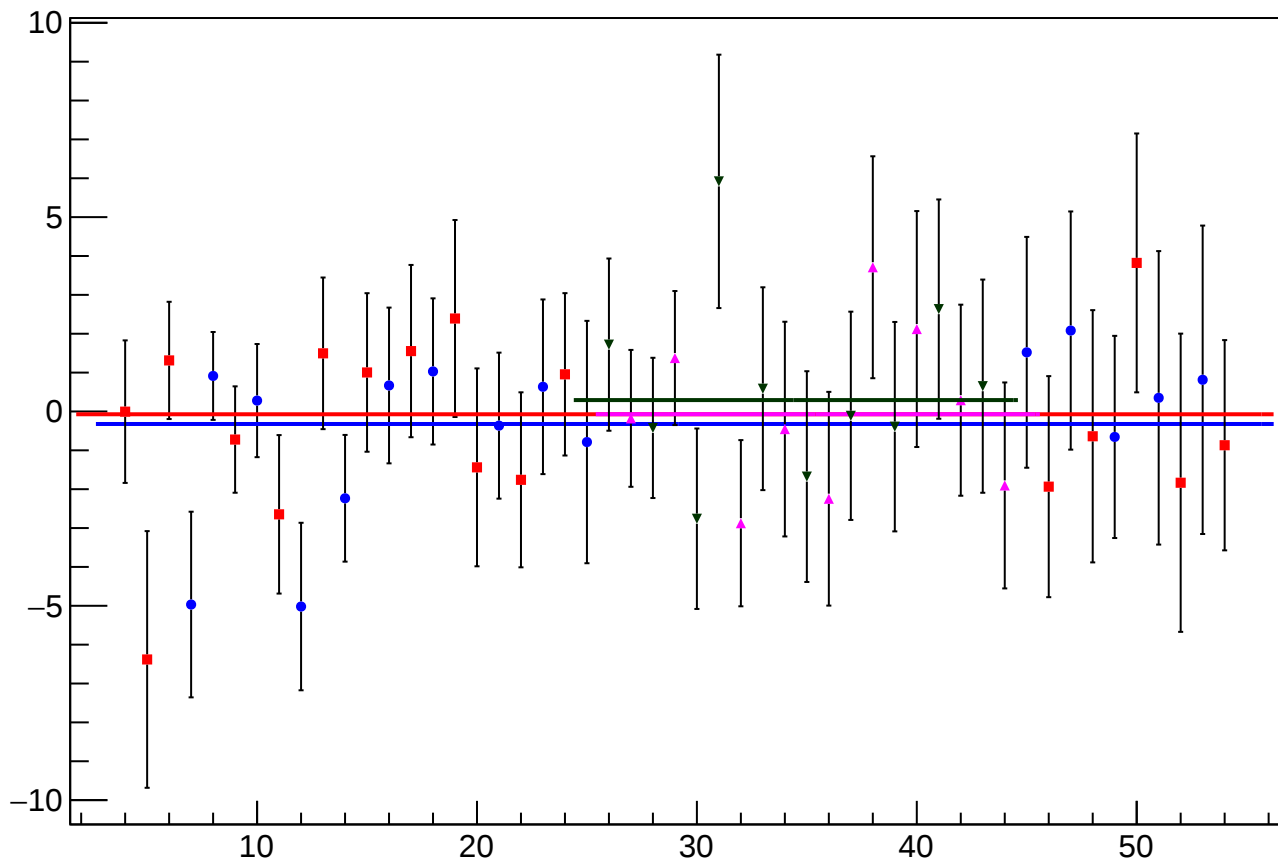
Right Out: 4252.312+/-1.008 χ^2/NDF : 203373.9/16

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

4285.486+/-0.795 χ^2/NDF : 517989.7/24

4330.098+/-0.805 χ^2/NDF : 281416.8/25

diff_bpm16Y_mean vs slug



Right In: -0.322 ± 0.524 $\chi^2/\text{NDF}: 13.4/14$

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

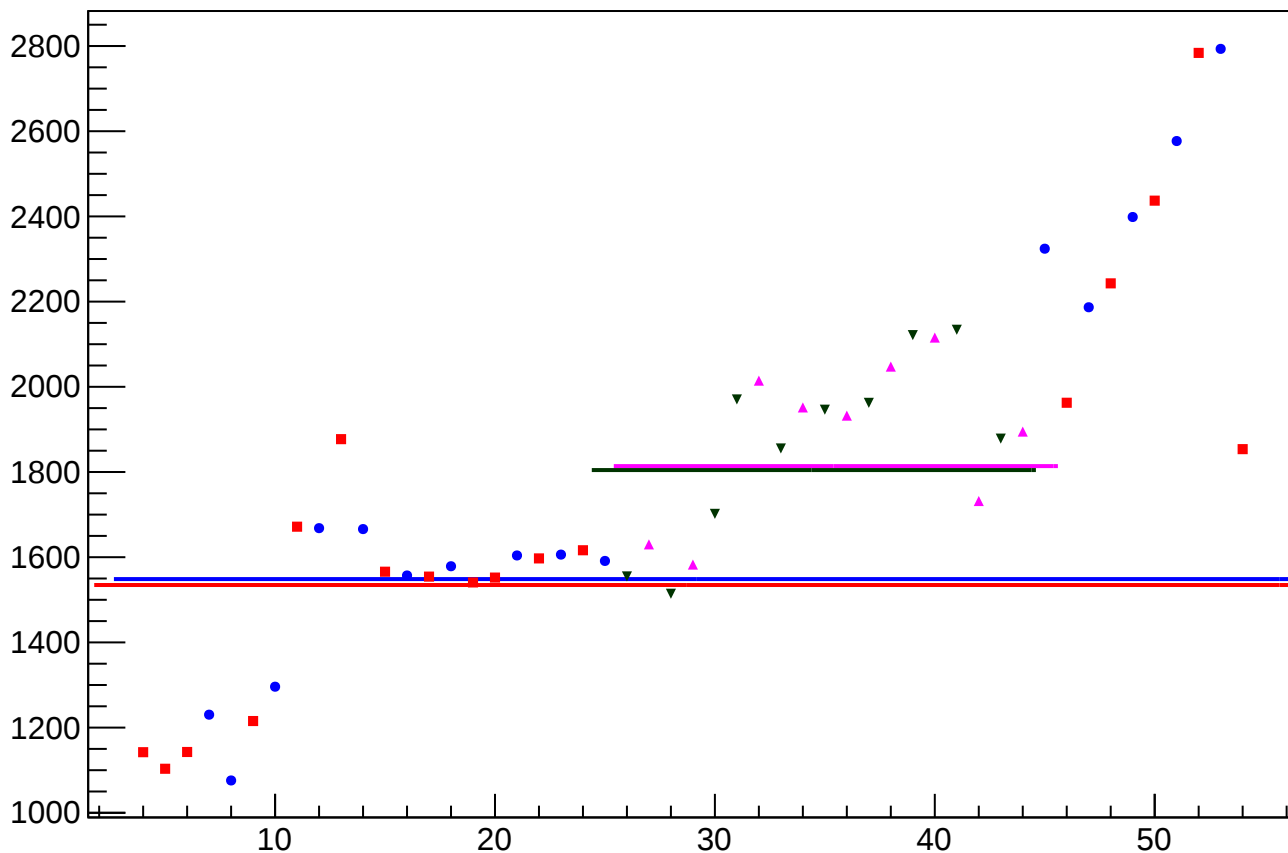
Right Out: -0.072 ± 0.530 $\chi^2/\text{NDF}: 11.9/16$

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

-0.134 ± 0.437 $\chi^2/\text{NDF}: 20.4/24$

-0.072 ± 0.437 $\chi^2/\text{NDF}: 17.8/25$

diff_bpm16Y_rms vs slug



Right In: 1548.649+/-0.371 χ^2/NDF : 1247693.9/14

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

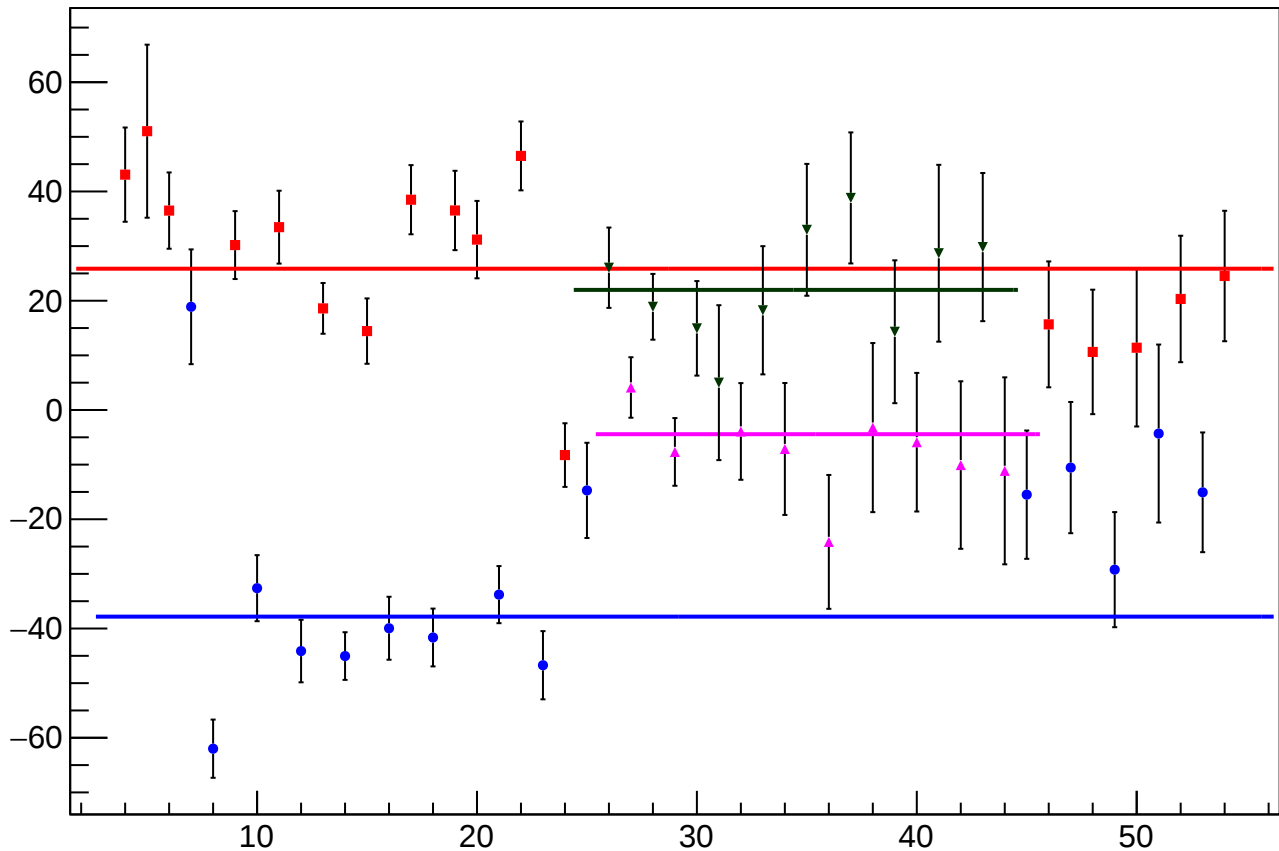
Right Out: 1534.727+/-0.375 χ^2/NDF : 972770.9/16

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

1627.116+/-0.309 χ^2/NDF : 1549610.4/24

1624.226+/-0.309 χ^2/NDF : 1271874.4/25

diff_bpm0l01X_mean vs slug



Right In: -37.823 +/- 1.737 χ^2/NDF : 82.7/14

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

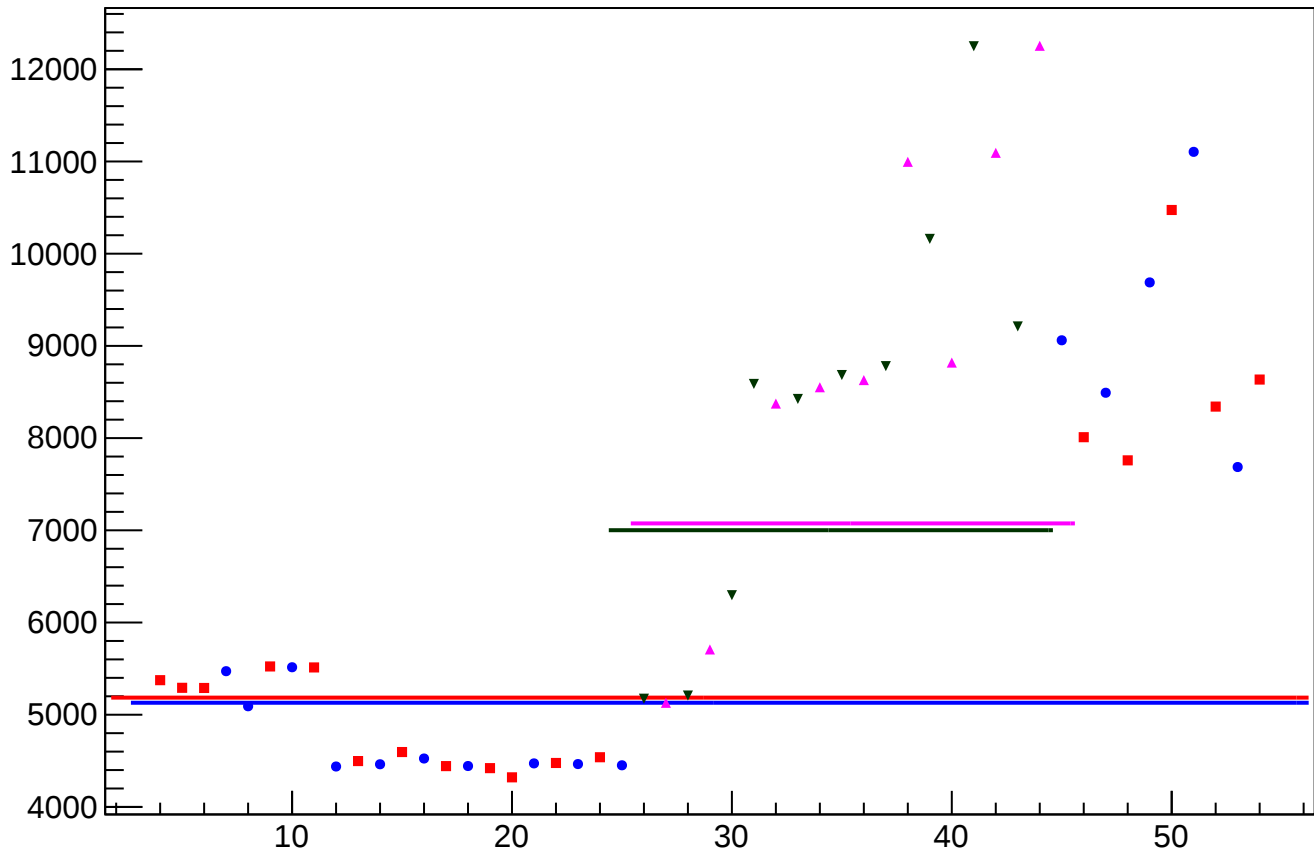
Right Out: 25.861 +/- 1.786 χ^2/NDF : 72.2/16

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

-23.894 +/- 1.522 χ^2/NDF : 365.2/24

18.371 +/- 1.549 χ^2/NDF : 149.0/25

diff_bpm0l01X_rms vs slug



Right In: 5129.925+/-1.228 χ^2/NDF : 1341522.6/14

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

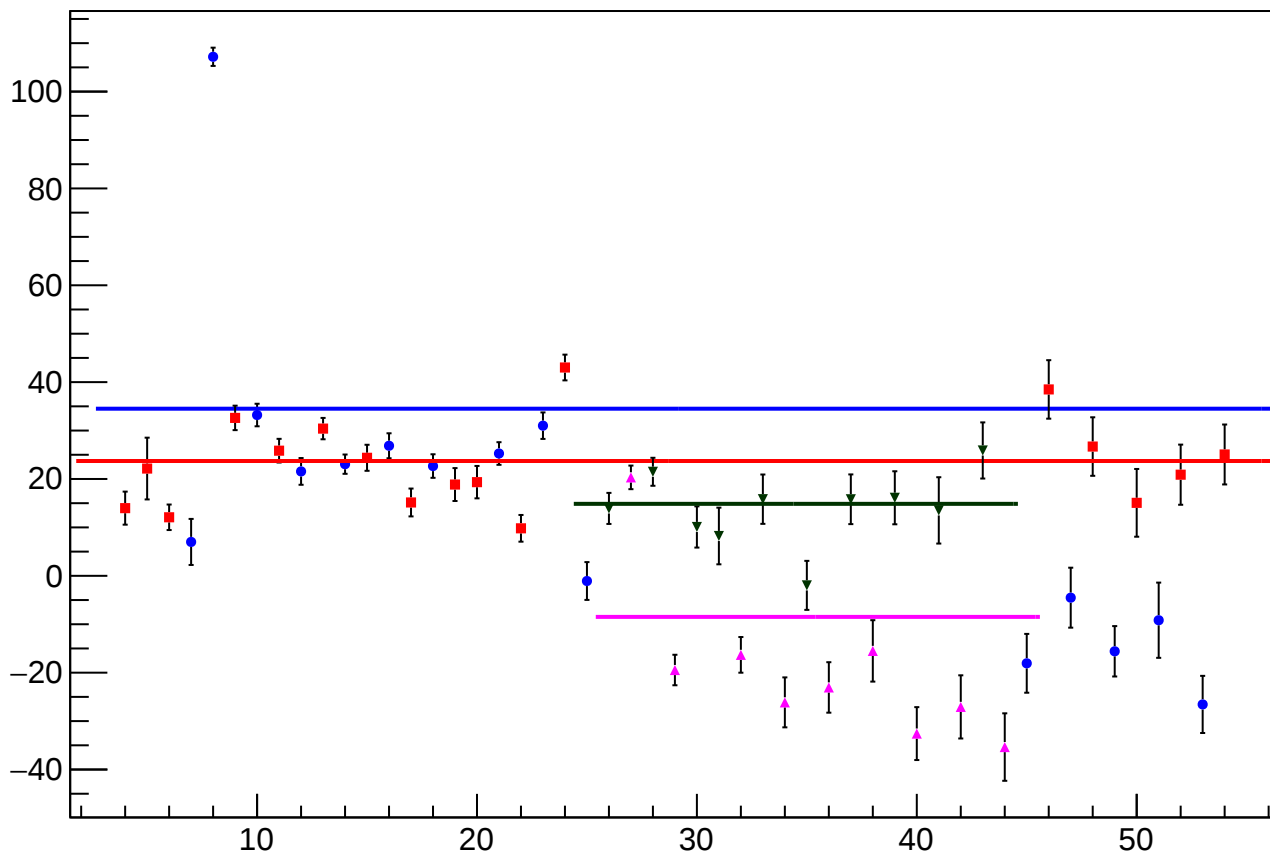
5565.744+/-1.076 χ^2/NDF : 2713697.2/24

Right Out: 5185.476+/-1.263 χ^2/NDF : 1011907.9/16

5652.667+/-1.096 χ^2/NDF : 2501961.5/25

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

diff_bpm0l01Y_mean vs slug



Right In: 34.513+/-0.760 χ^2/NDF : 2055.4/14

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

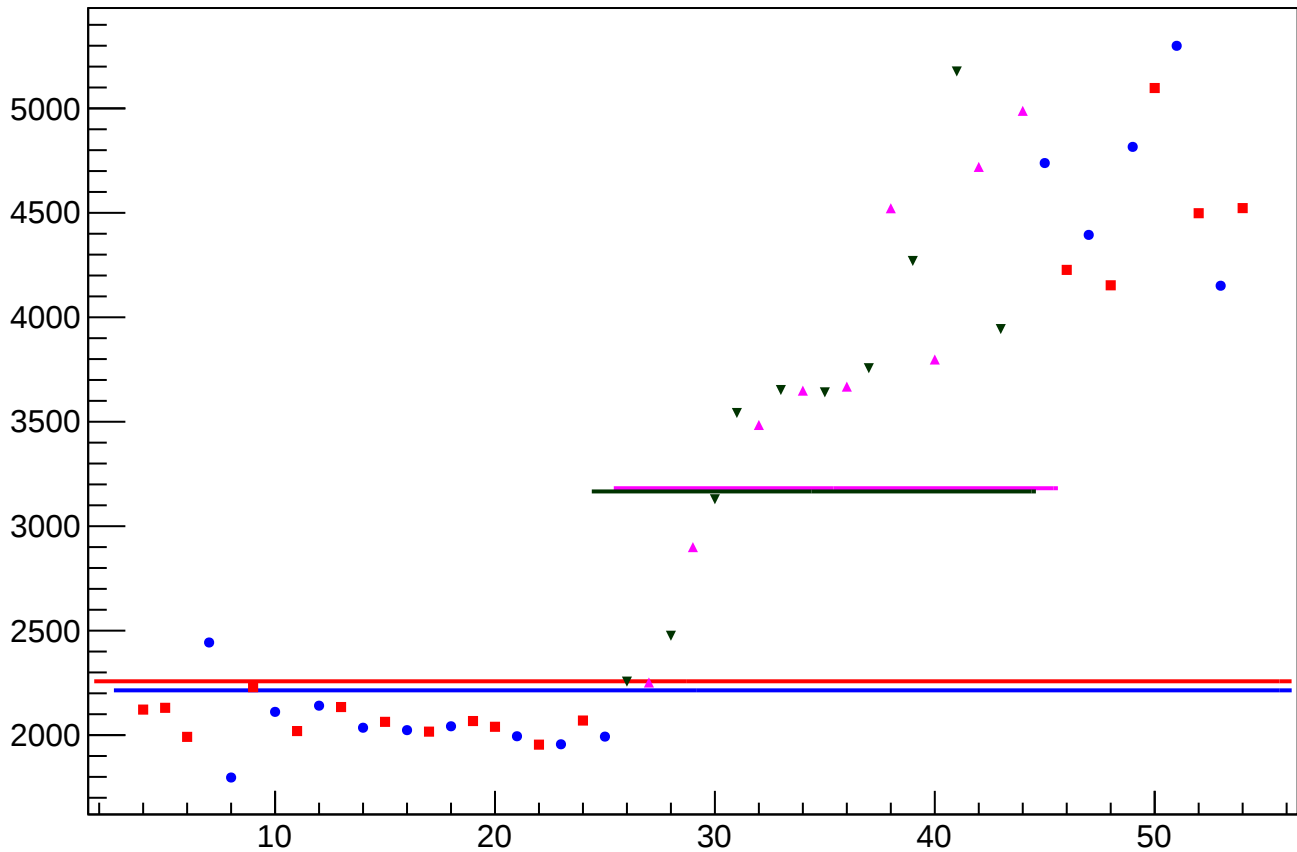
Right Out: 23.712+/-0.786 χ^2/NDF : 148.9/16

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

30.101+/-0.669 χ^2/NDF : 2228.3/24

15.889+/-0.684 χ^2/NDF : 776.8/25

diff_bpm0l01Y_rms vs slug



Right In: 2214.228+/-0.537 χ^2/NDF : 1811549.9/14

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

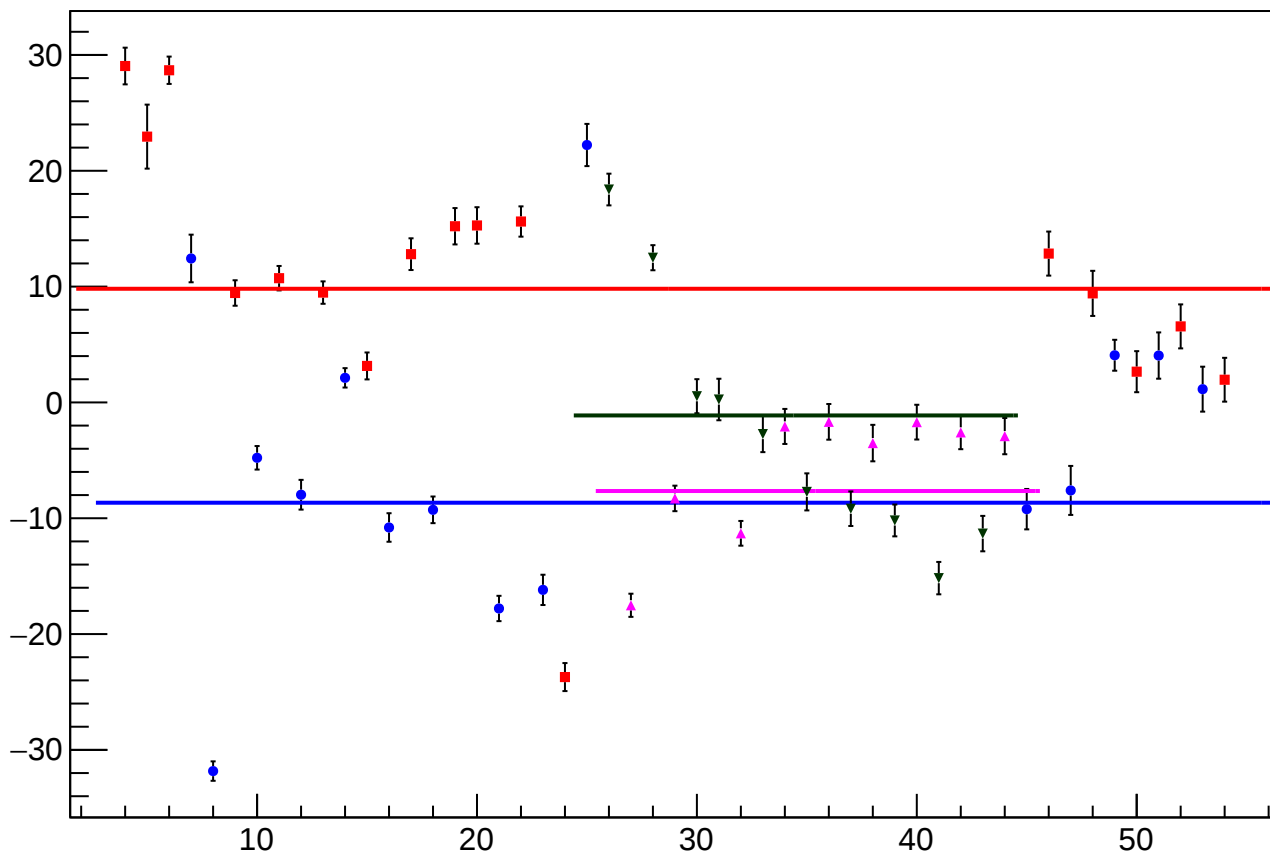
2428.070+/-0.473 χ^2/NDF : 3152091.8/24

Right Out: 2257.570+/-0.556 χ^2/NDF : 1390500.9/16

2482.144+/-0.483 χ^2/NDF : 2778411.7/25

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

diff_bpm2i01X_mean vs slug



Right In: -8.660+/-0.326 χ^2 /NDF: 1599.3/14

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

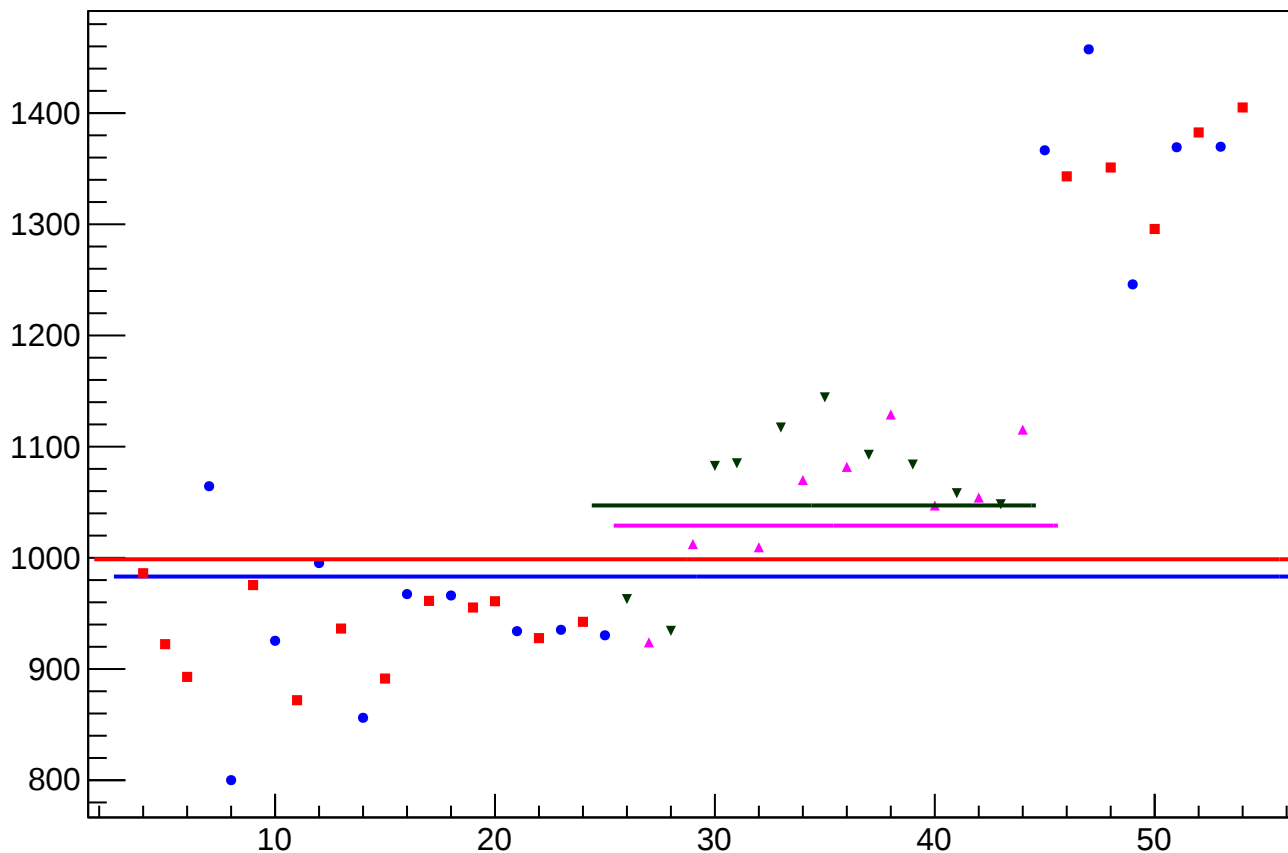
Right Out: 9.813+/-0.337 χ^2 /NDF: 1315.2/16

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

-6.090+/-0.264 χ^2 /NDF: 2381.0/24

3.257+/-0.266 χ^2 /NDF: 2505.5/25

diff_bpm2i01X_rms vs slug



Right In: 983.179+/-0.230 χ^2/NDF : 588981.9/14

Left Out: 1047.121+/-0.320 χ^2/NDF : 46145.4/9

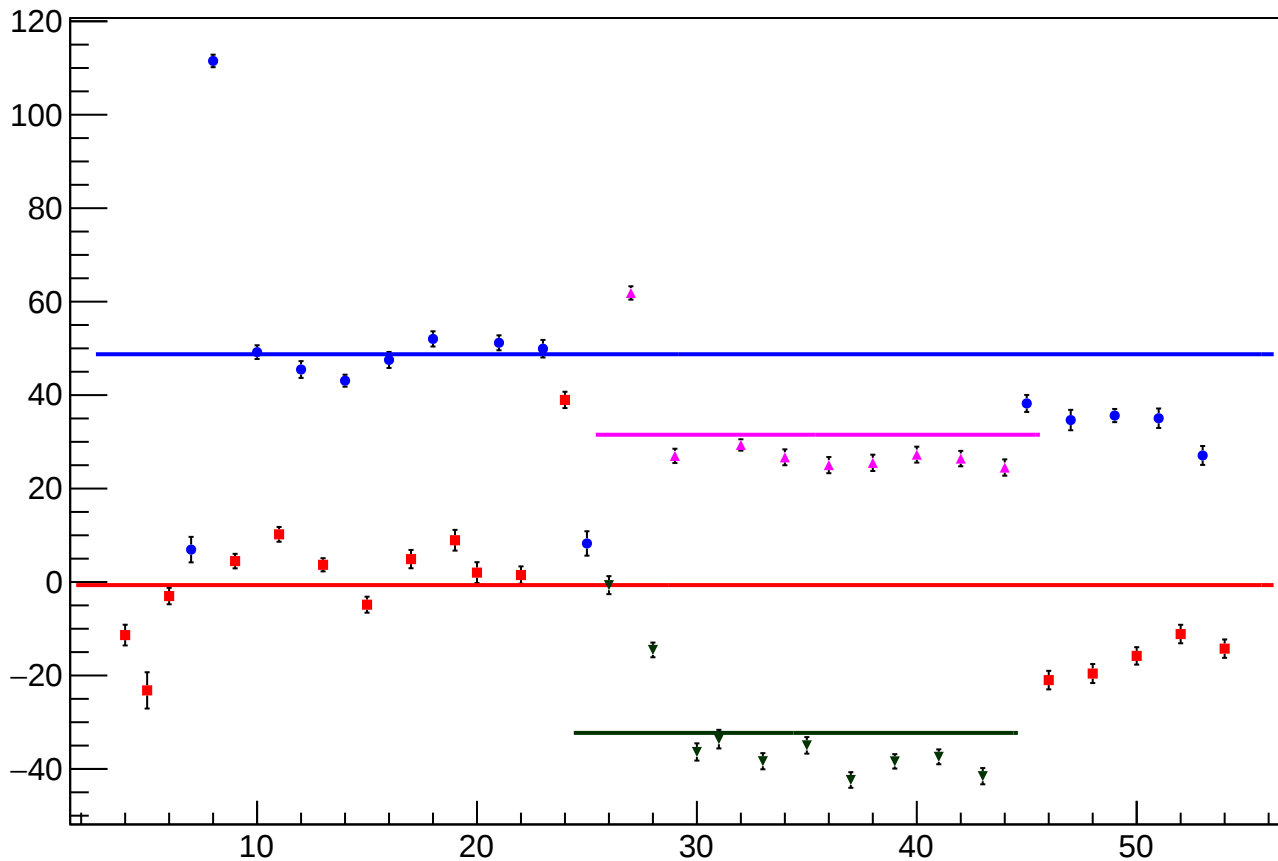
Right Out: 998.699+/-0.238 χ^2/NDF : 448355.7/16

Left In: 1028.985+/-0.307 χ^2/NDF : 42067.0/8

1004.986+/-0.187 χ^2/NDF : 661416.0/24

1010.069+/-0.188 χ^2/NDF : 496487.8/25

diff_bpm2i01Y_mean vs slug



Right In: 48.744+/-0.443 χ^2/NDF : 3012.8/14

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

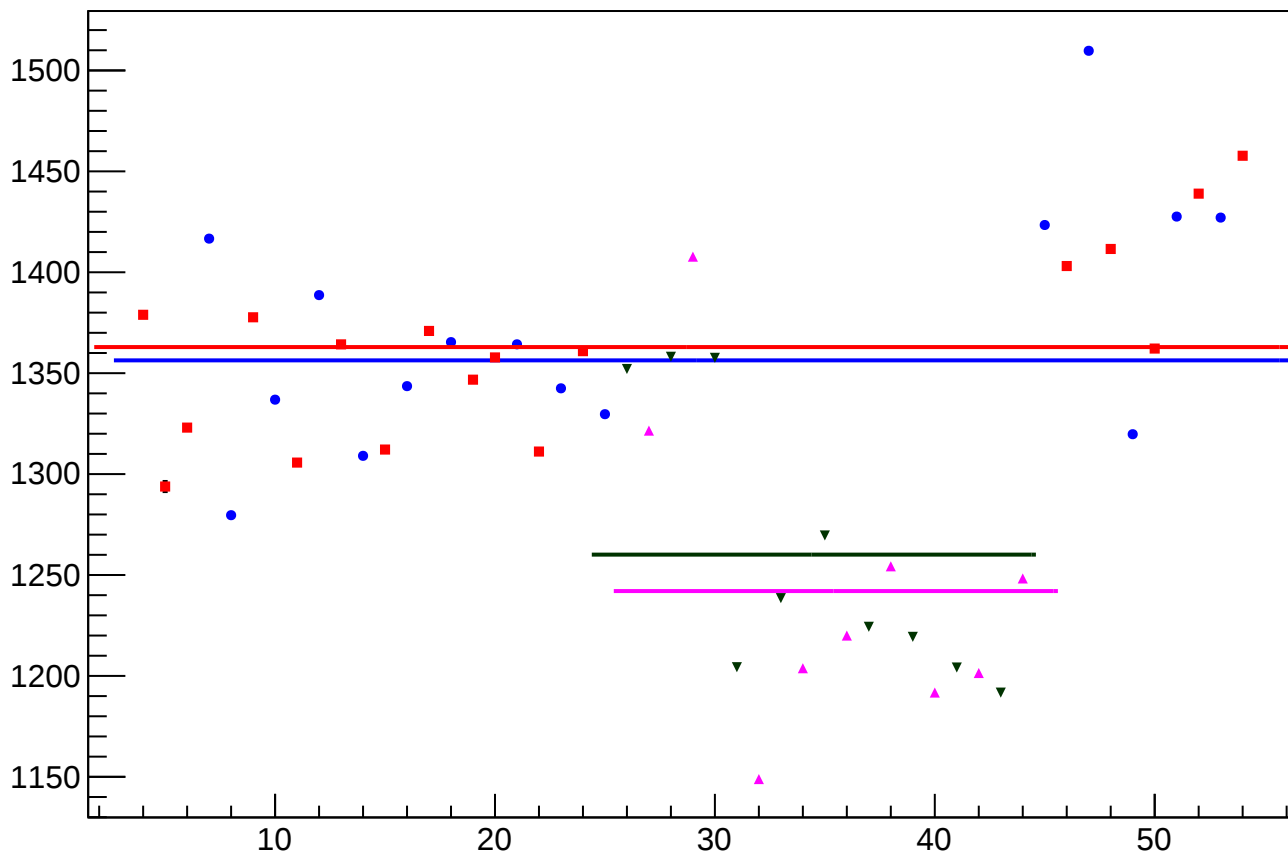
Right Out: -0.656+/-0.455 χ^2/NDF : 1009.6/16

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

16.466+/-0.343 χ^2/NDF : 16862.6/24

13.159+/-0.343 χ^2/NDF : 3687.9/25

diff_bpm2i01Y_rms vs slug



Right In: 1356.350+/-0.313 χ^2/NDF : 30500.8/14

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

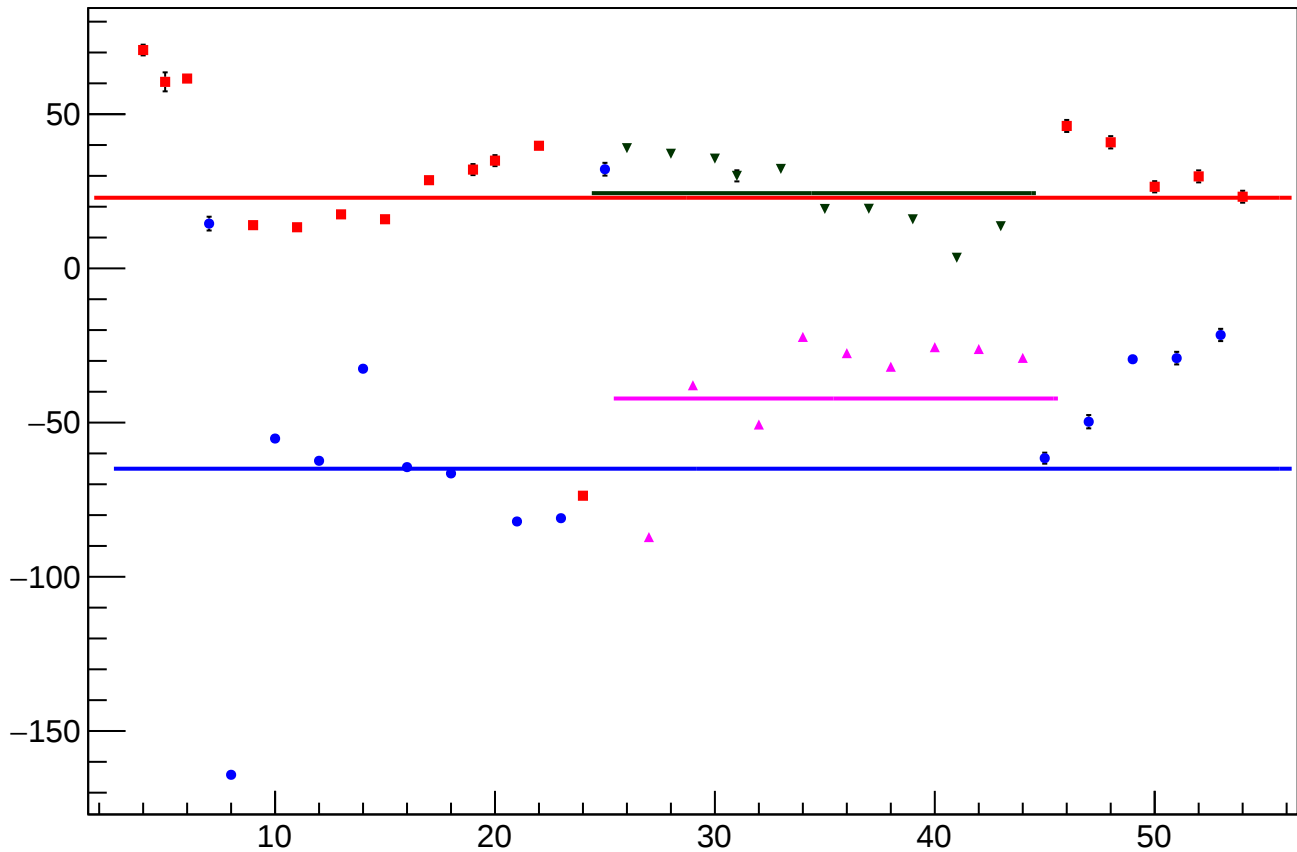
Right Out: 1362.940+/-0.322 χ^2/NDF : 17633.5/16

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

1318.007+/-0.243 χ^2/NDF : 95872.3/24

1311.032+/-0.243 χ^2/NDF : 124174.2/25

diff_bpm2i02X_mean vs slug



Right In: -64.954 $\pm$ 0.364 χ^2 /NDF: 16838.3/14

Left Out: 24.394 $\pm$ 0.474 χ^2 /NDF:609.0/9

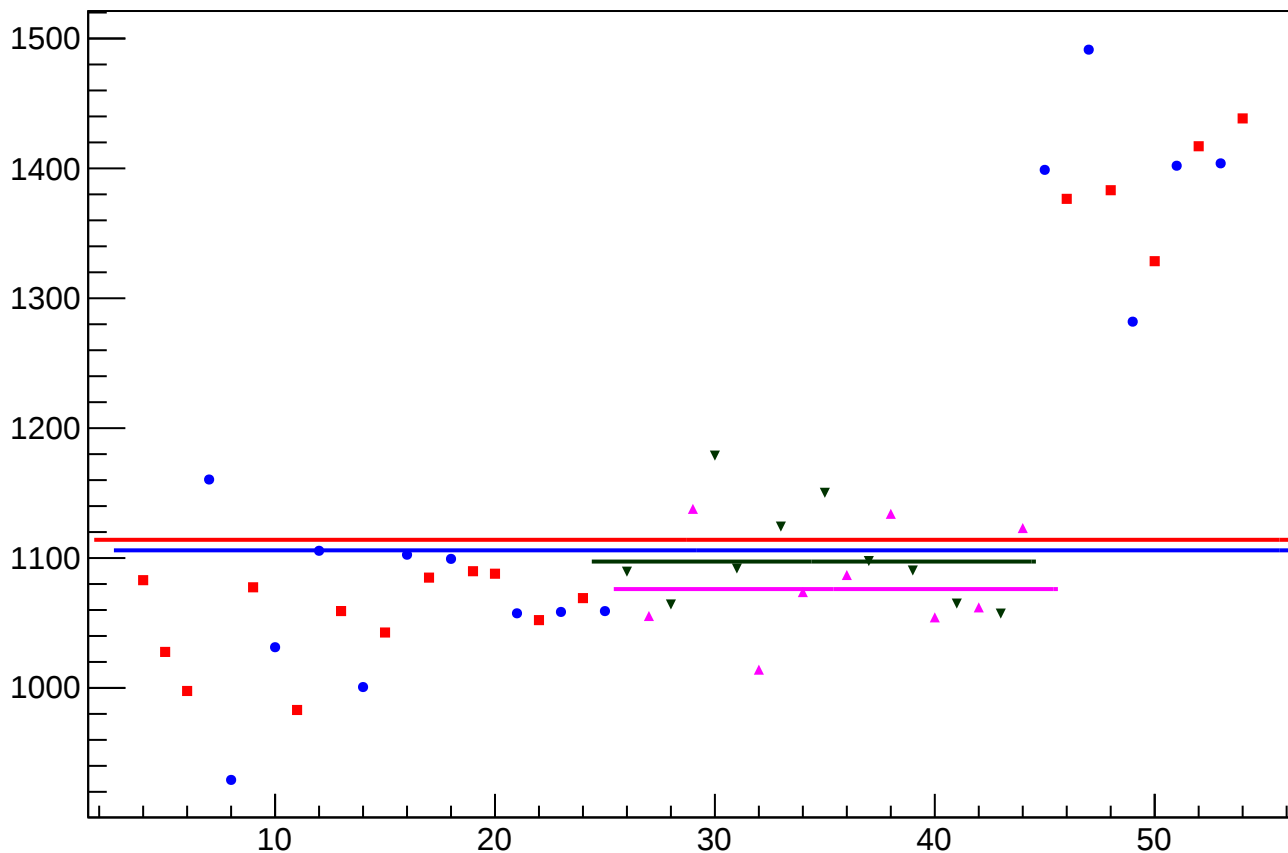
-31.792 $\pm$ 0.289 χ^2 /NDF: 39832.9/24

Right Out: 22.904 $\pm$ 0.374 χ^2 /NDF: 7349.0/16

-3.408 $\pm$ 0.289 χ^2 /NDF: 21844.7/25

Left In: -42.193 $\pm$ 0.454 χ^2 /NDF:2243.7/8

diff_bpm2i02X_rms vs slug



Right In: 1105.931+/-0.257 χ^2/NDF : 342105.3/14

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

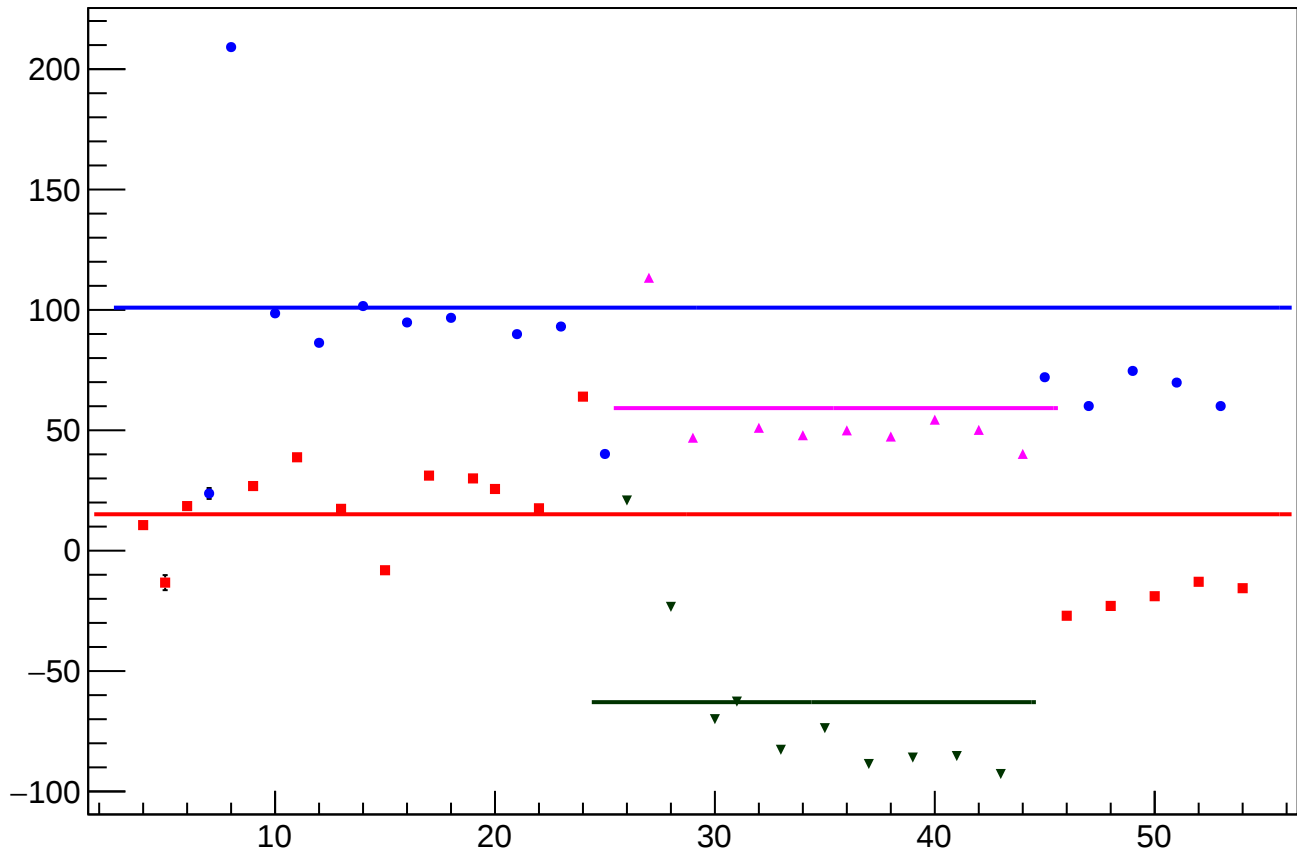
Right Out: 1114.044+/-0.264 χ^2/NDF : 266723.6/16

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

1102.726+/-0.204 χ^2/NDF : 354439.0/24

1098.711+/-0.204 χ^2/NDF : 292556.8/25

diff_bpm2i02Y_mean vs slug



Right In: 100.944 $\pm$ 0.365 χ^2 /NDF: 15579.3/14

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

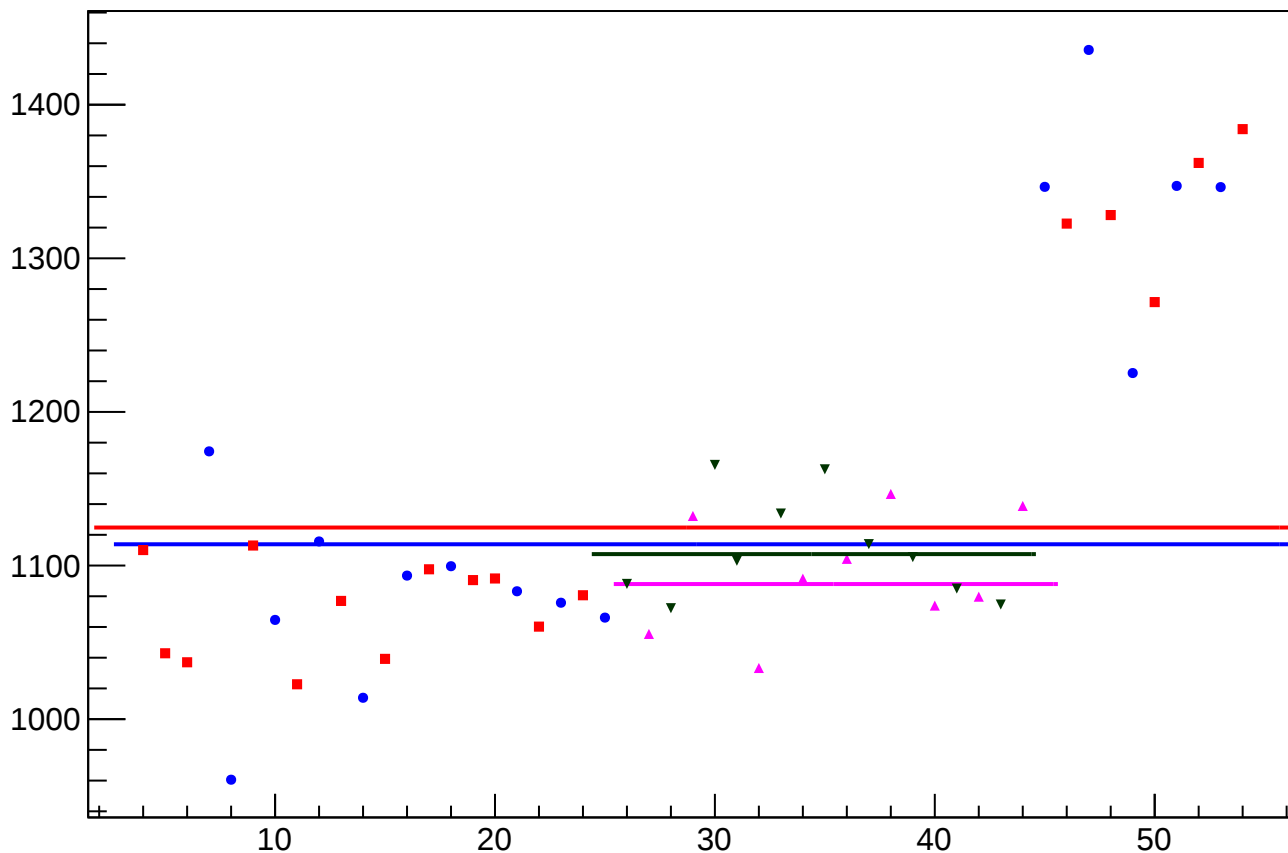
Right Out: 15.125 $\pm$ 0.377 χ^2 /NDF: 4079.9/16

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

40.466 $\pm$ 0.290 χ^2 /NDF: 95119.6/24

32.876 $\pm$ 0.291 χ^2 /NDF: 12338.9/25

diff_bpm2i02Y_rms vs slug



Right In: 1113.847+/-0.258 χ^2/NDF : 232443.4/14

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

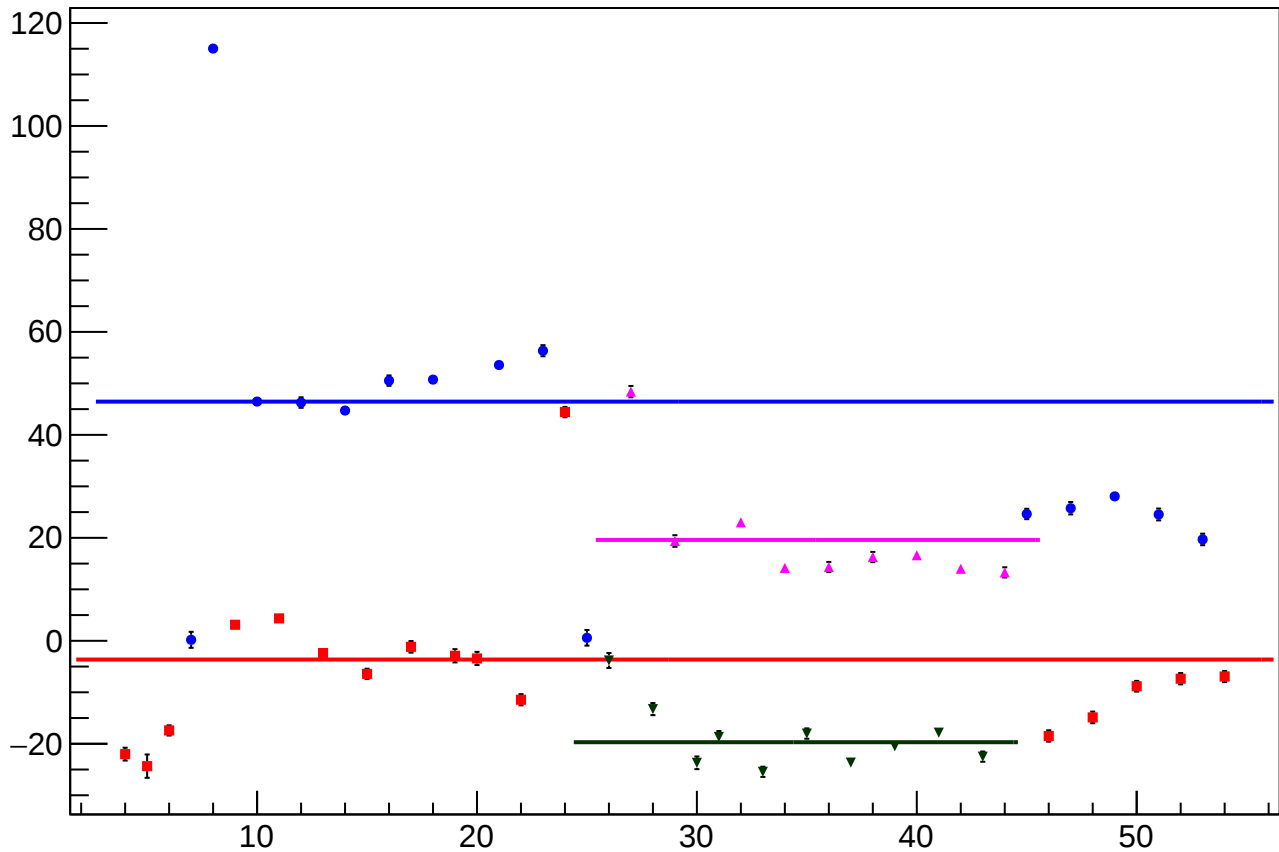
Right Out: 1124.745+/-0.266 χ^2/NDF : 172919.3/16

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

1111.483+/-0.205 χ^2/NDF : 241572.9/24

1109.930+/-0.206 χ^2/NDF : 195012.6/25

diff_bpm1i04X_mean vs slug



Right In: 46.458 $\pm$ 0.251 χ^2/NDF : 12410.4/14

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

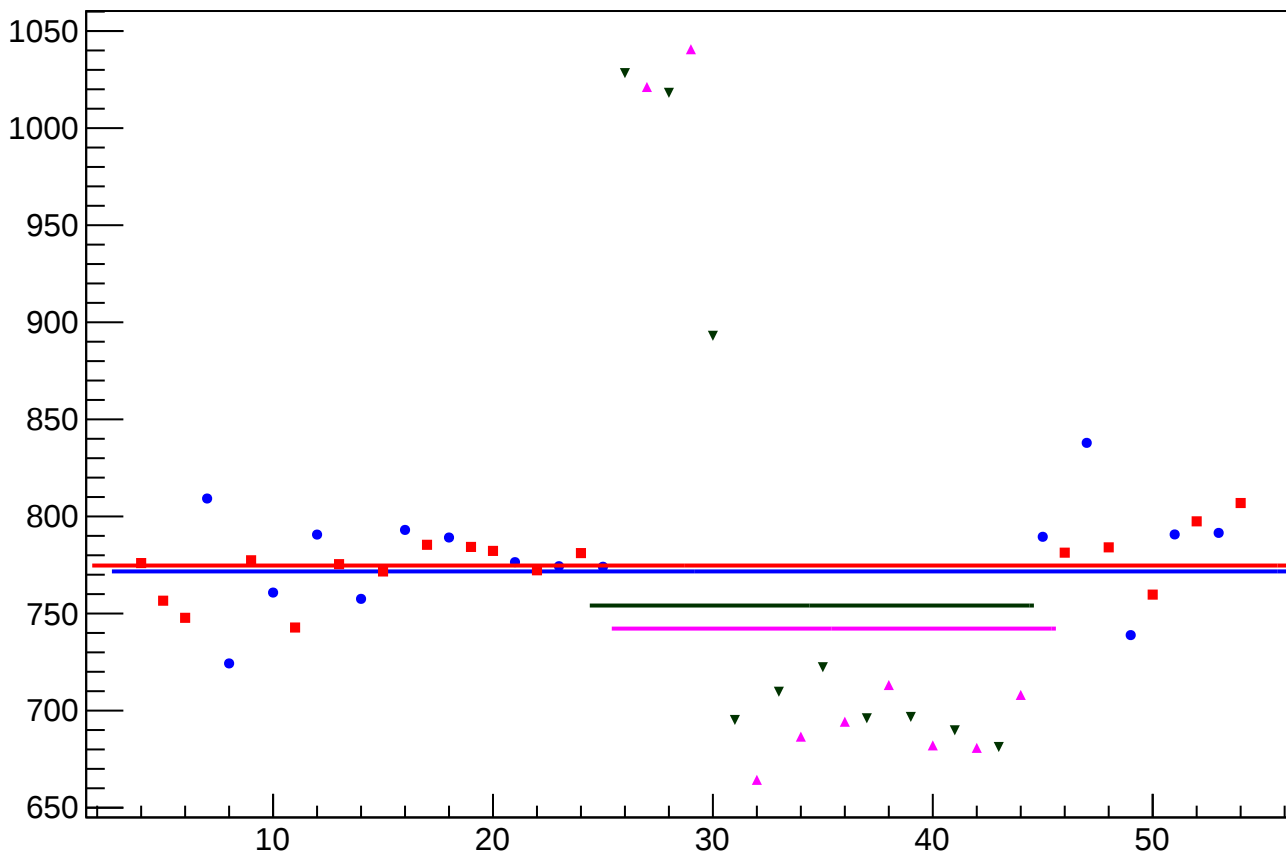
Right Out: -3.637 $\pm$ 0.258 χ^2/NDF : 3326.3/16

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

22.081 $\pm$ 0.200 χ^2/NDF : 38134.3/24

5.620 $\pm$ 0.200 χ^2/NDF : 7419.9/25

diff_bpm1i04X_rms vs slug



Right In: 771.693 $\pm$ 0.178 χ^2 /NDF: 23631.3/14

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

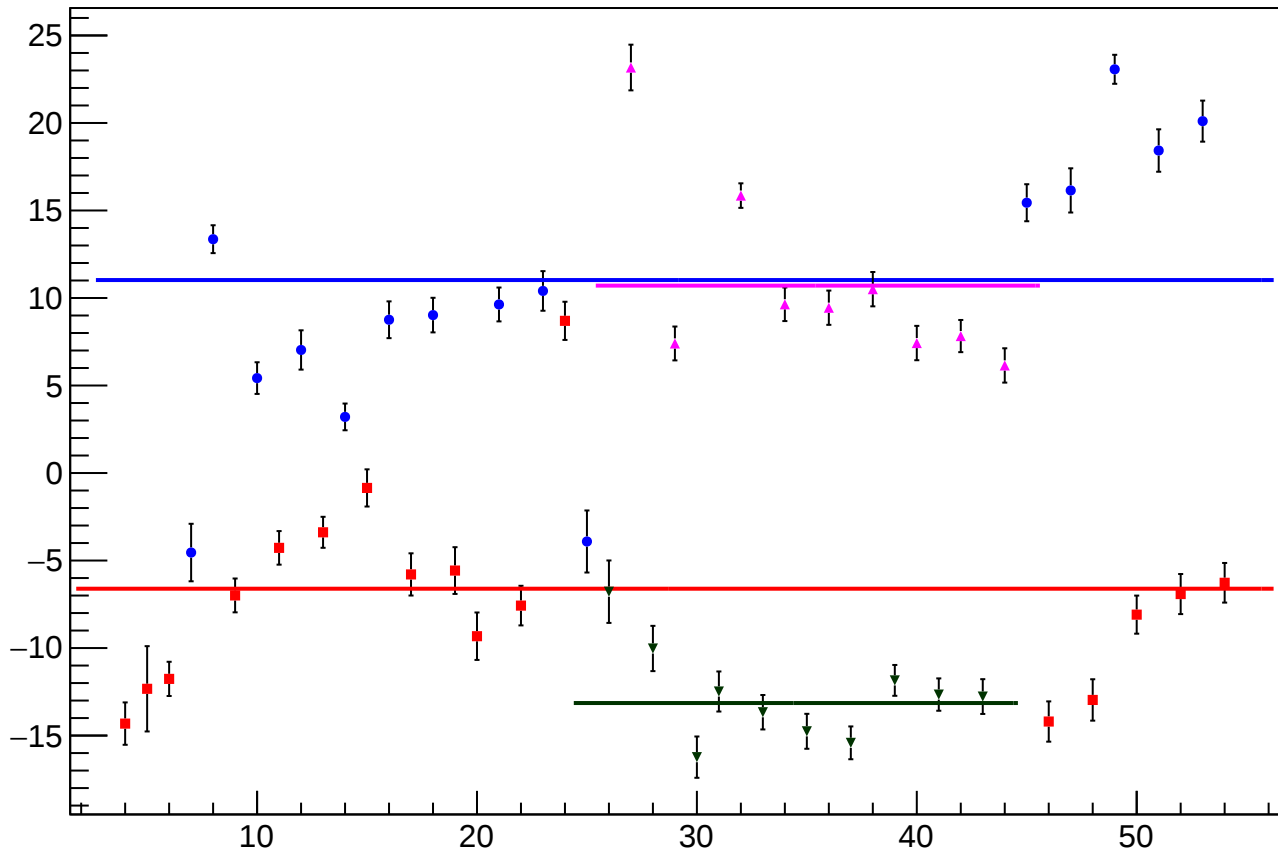
Right Out: 774.720 $\pm$ 0.182 χ^2 /NDF: 7880.2/16

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

765.217 $\pm$ 0.141 χ^2 /NDF: 271726.4/24

761.779 $\pm$ 0.142 χ^2 /NDF: 344541.1/25

diff_bpm1i04Y_mean vs slug



Right In: 11.026 $\pm$ 0.266 χ^2 /NDF: 678.9/14

Left Out: -13.141 $\pm$ 0.333 χ^2 /NDF:37.1/9

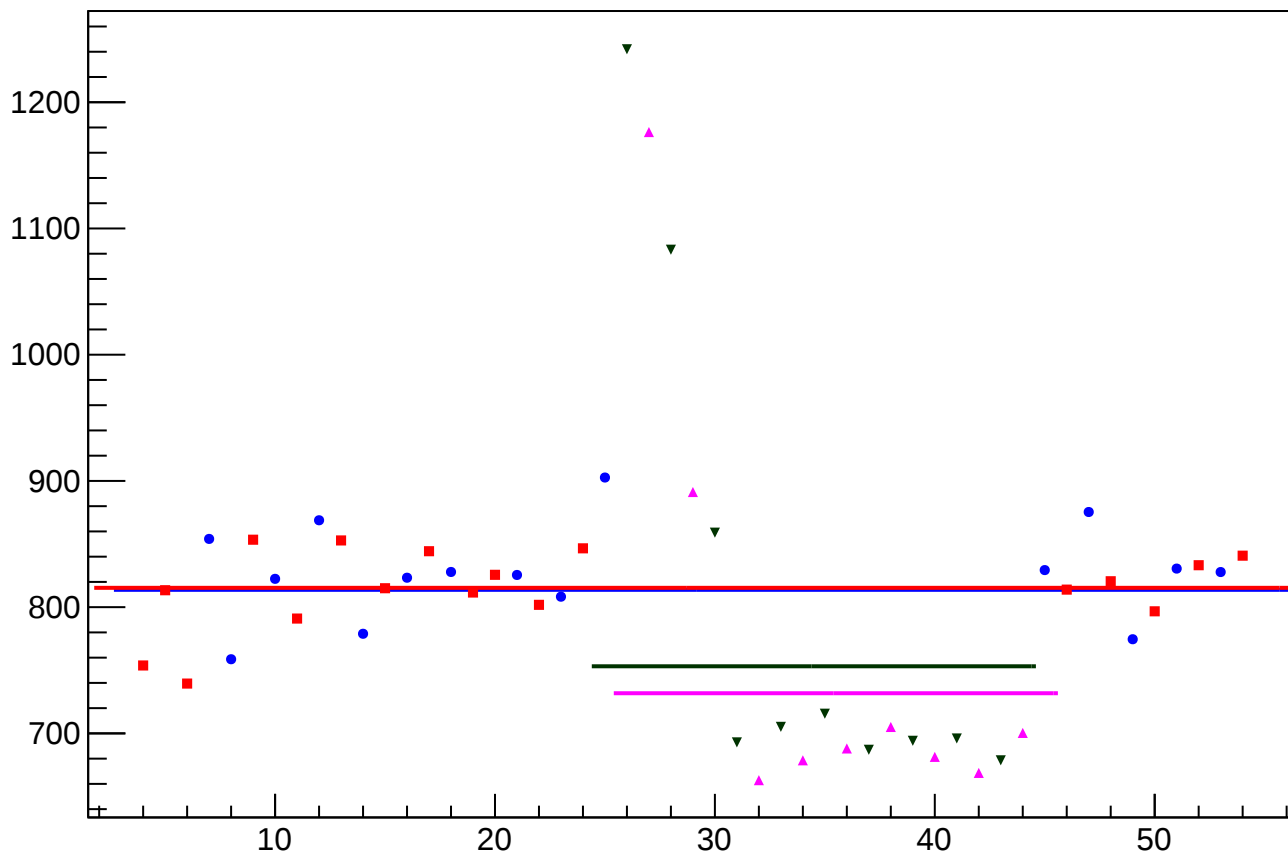
Right Out: -6.610 $\pm$ 0.272 χ^2 /NDF: 399.6/16

Left In: 10.708 $\pm$ 0.314 χ^2 /NDF:202.2/8

1.610 $\pm$ 0.208 χ^2 /NDF: 3938.6/24

0.816 $\pm$ 0.206 χ^2 /NDF: 2336.3/25

diff_bpm1i04Y_rms vs slug



Right In: 813.738+/-0.188 χ^2/NDF : 36201.6/14

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

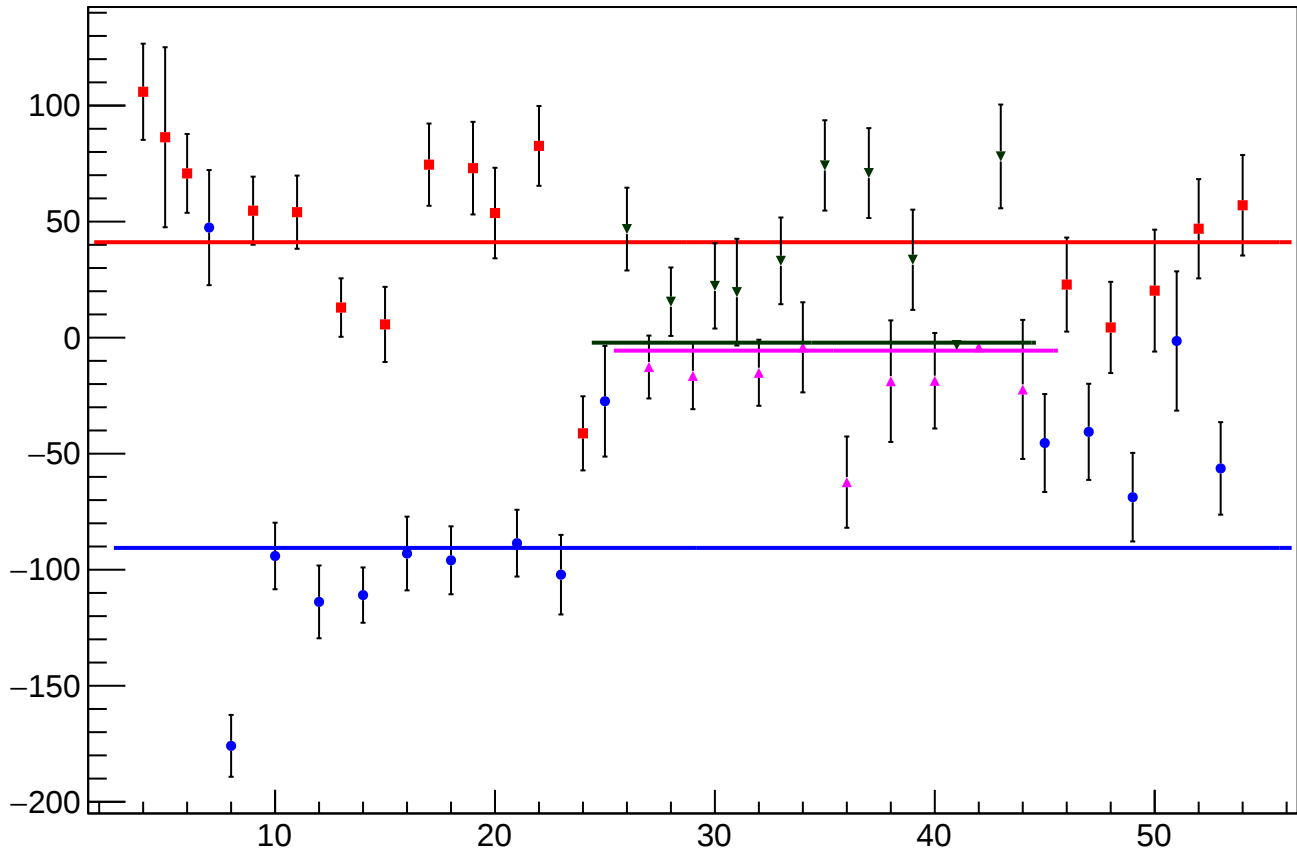
Right Out: 815.316+/-0.193 χ^2/NDF : 30546.2/16

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

790.139+/-0.147 χ^2/NDF : 424154.8/24

779.511+/-0.146 χ^2/NDF : 445167.1/25

diff_bpm0l02X_mean vs slug



Right In: -90.600+/-4.352 χ^2/NDF : 108.2/14

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

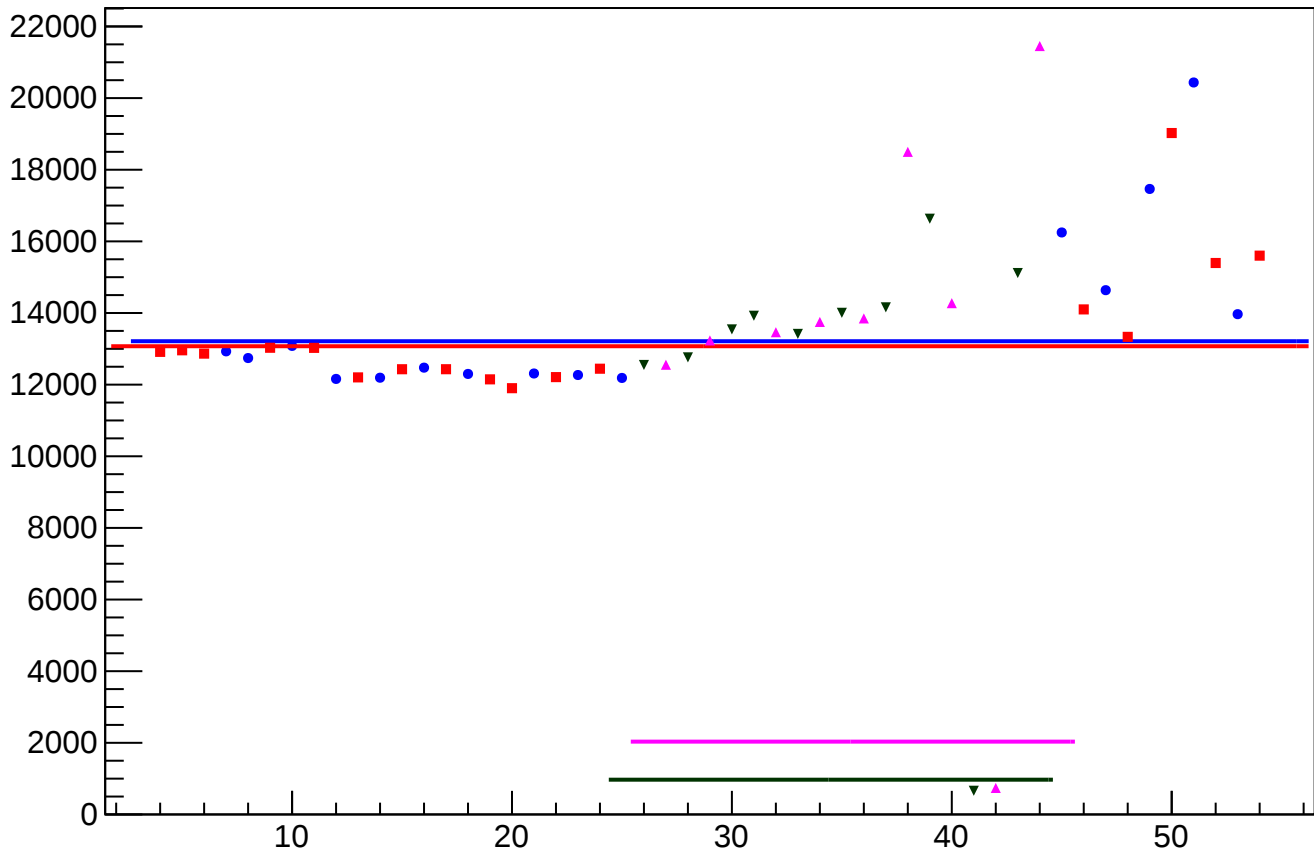
Right Out: 41.129+/-4.399 χ^2/NDF : 70.0/16

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

-6.365+/-0.948 χ^2/NDF : 563.1/24

2.129+/-1.789 χ^2/NDF : 175.3/25

diff_bpm0l02X_rms vs slug



Right In: 13212.192+/-3.078 χ^2/NDF : 325107.8/14

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

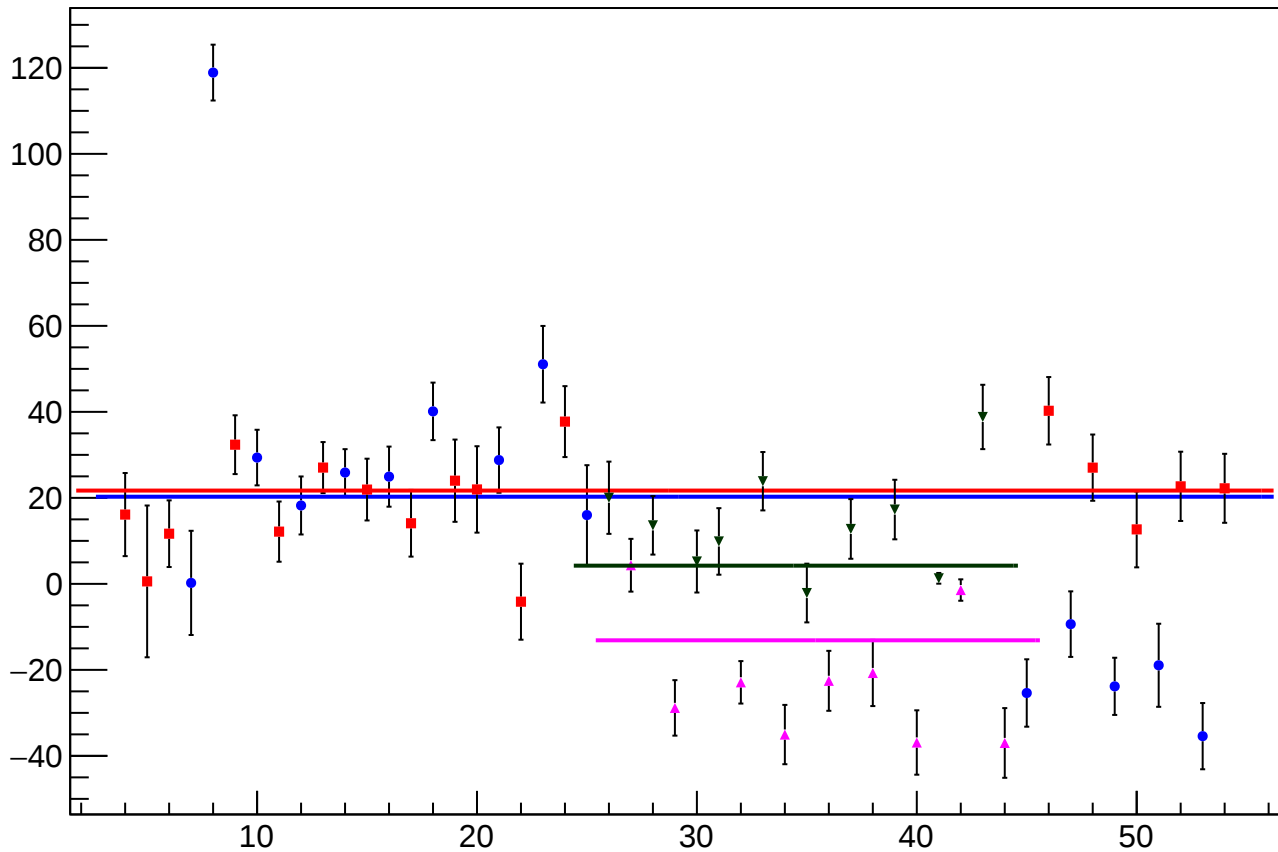
Right Out: 13072.280+/-3.110 χ^2/NDF : 194556.8/16

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

1551.930+/-0.671 χ^2/NDF : 23853012.6/24

3858.802+/-1.265 χ^2/NDF : 18997327.7/25

diff_bpm0l02Y_mean vs slug



Right In: 20.267 ± 1.910 $\chi^2/\text{NDF}: 420.9/14$

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

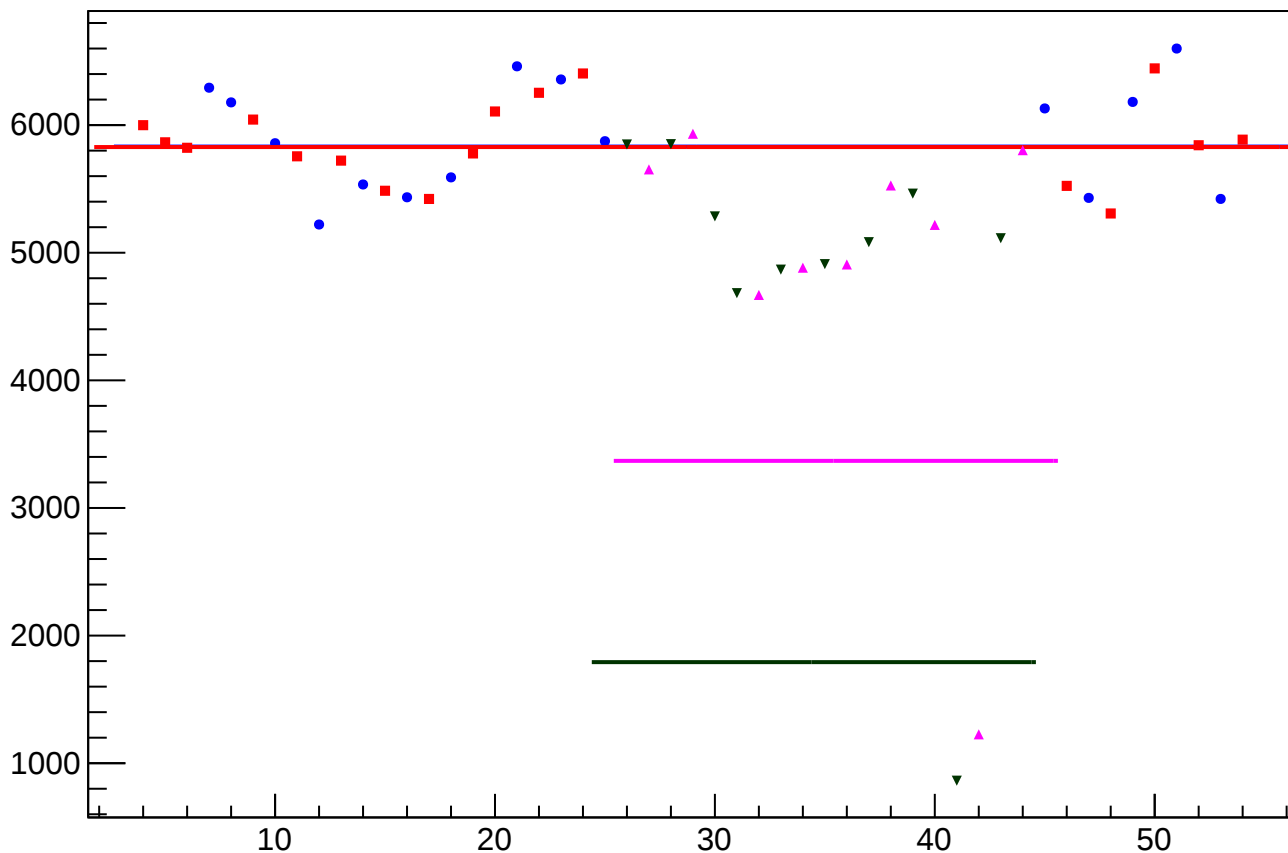
Right Out: 21.697 ± 1.954 $\chi^2/\text{NDF}: 29.0/16$

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

8.256 ± 0.957 $\chi^2/\text{NDF}: 520.9/24$

1.919 ± 1.284 $\chi^2/\text{NDF}: 281.1/25$

diff_bpm0l02Y_rms vs slug



Right In: 5831.755+/-1.351 χ^2/NDF : 93075.9/14

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

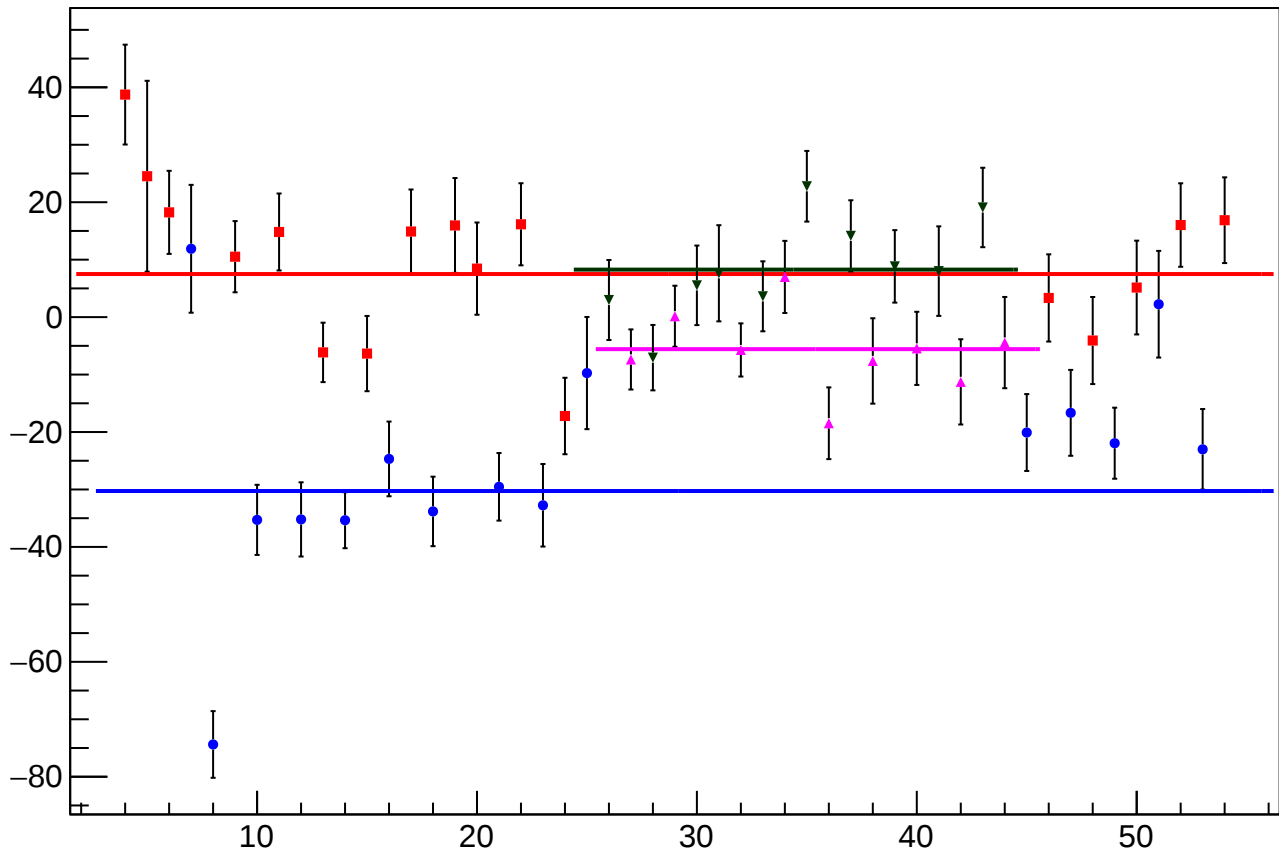
Right Out: 5828.017+/-1.381 χ^2/NDF : 51513.9/16

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

2805.494+/-0.676 χ^2/NDF : 12066773.8/24

4431.479+/-0.908 χ^2/NDF : 4717269.8/25

diff_bpm0l03X_mean vs slug



Right In: -30.268 ± 1.718 χ^2/NDF : 100.9/14

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

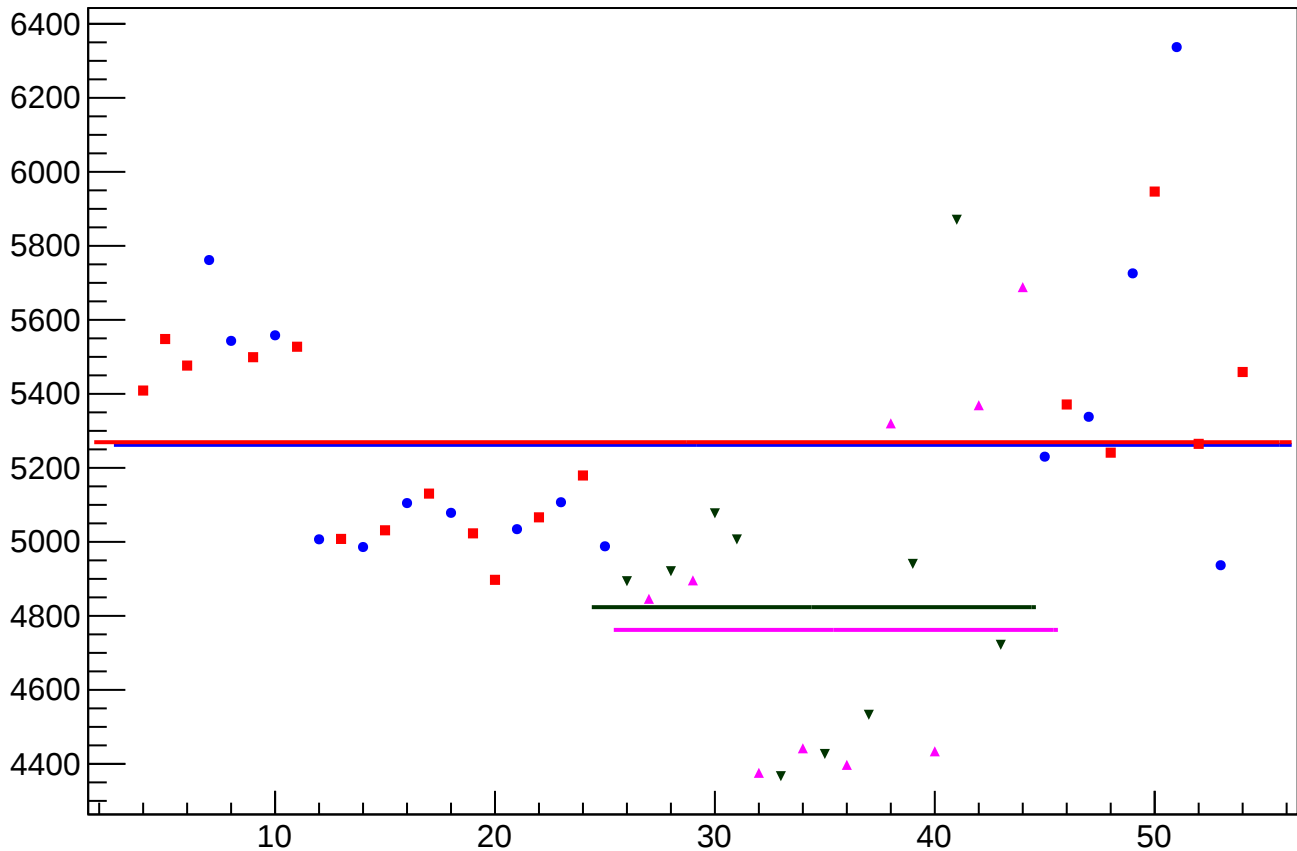
Right Out: 7.498 ± 1.760 χ^2/NDF : 52.1/16

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

-14.741 ± 1.328 χ^2/NDF : 321.1/24

1.837 ± 1.325 χ^2/NDF : 86.2/25

diff_bpm0l03X_rms vs slug



Right In: 5262.240+/-1.215 χ^2/NDF : 74100.1/14

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

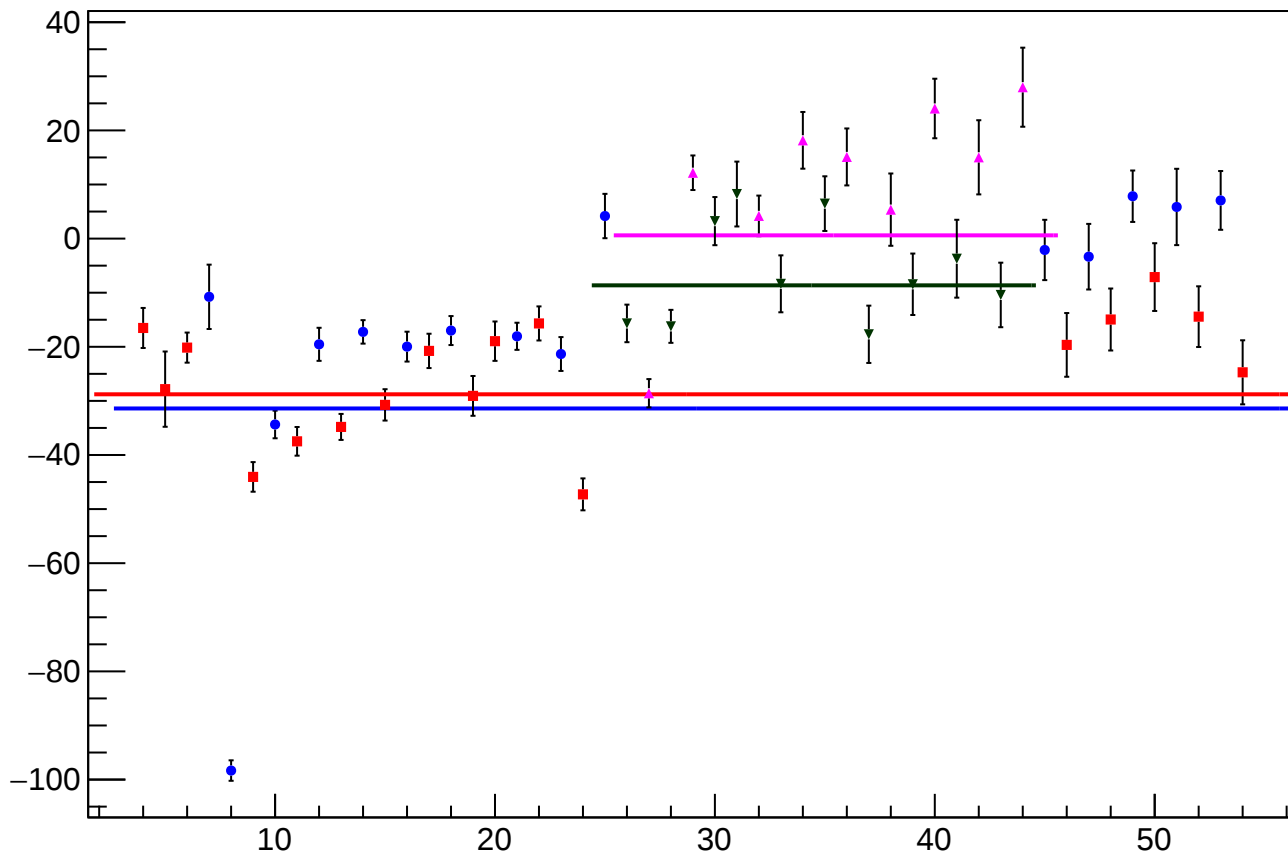
Right Out: 5269.384+/-1.245 χ^2/NDF : 40426.4/16

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

5085.489+/-0.939 χ^2/NDF : 192269.7/24

5049.725+/-0.937 χ^2/NDF : 197309.6/25

diff_bpm0l03Y_mean vs slug



Right In: -31.400 ± 0.809 $\chi^2/\text{NDF}: 1676.5/14$

Left Out: -8.640 ± 1.477 $\chi^2/\text{NDF}: 37.8/9$

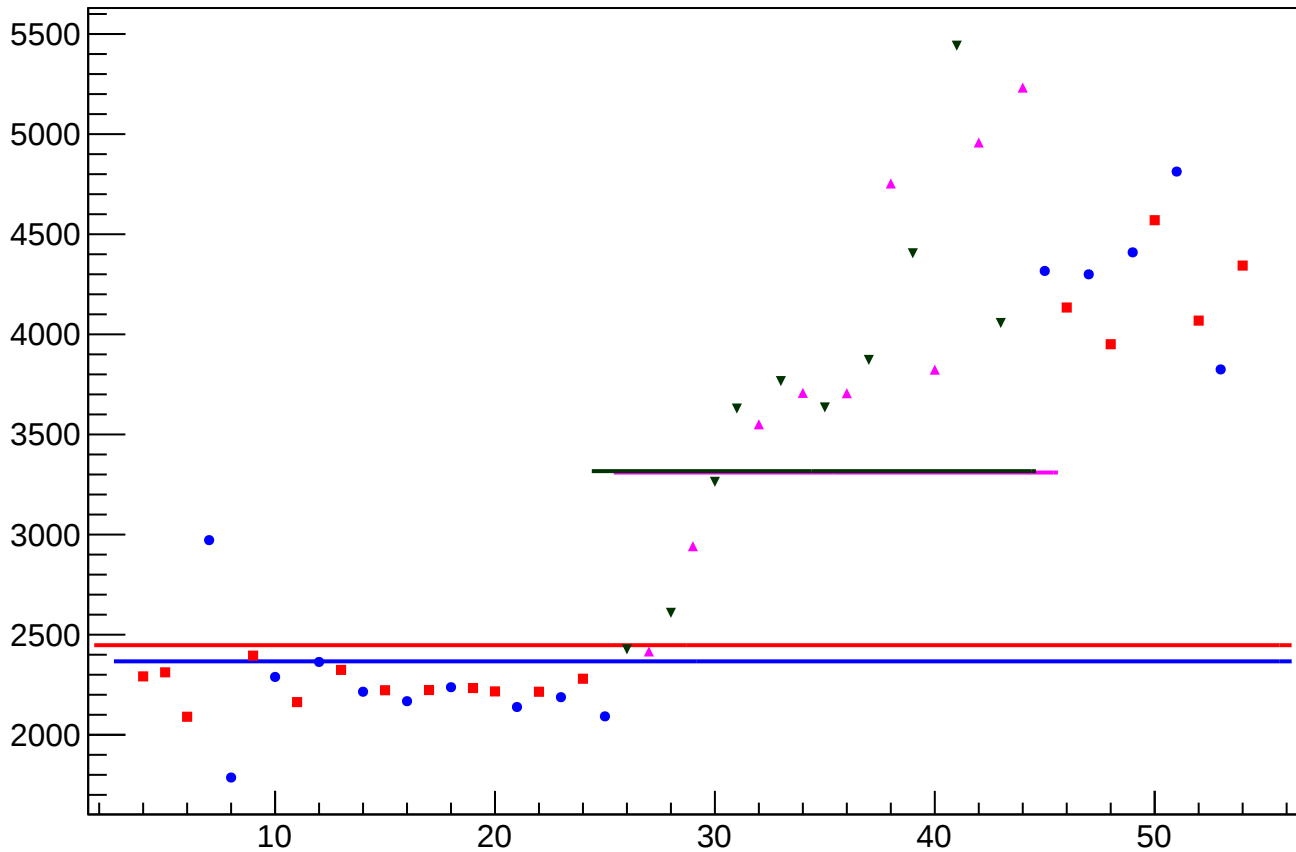
Right Out: -28.781 ± 0.845 $\chi^2/\text{NDF}: 166.7/16$

Left In: 0.601 ± 1.440 $\chi^2/\text{NDF}: 194.1/8$

-26.152 ± 0.709 $\chi^2/\text{NDF}: 1896.9/24$

-21.252 ± 0.729 $\chi^2/\text{NDF}: 670.6/25$

diff_bpm0l03Y_rms vs slug



Right In: 2366.860+/-0.572 χ^2/NDF : 1469422.4/14

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

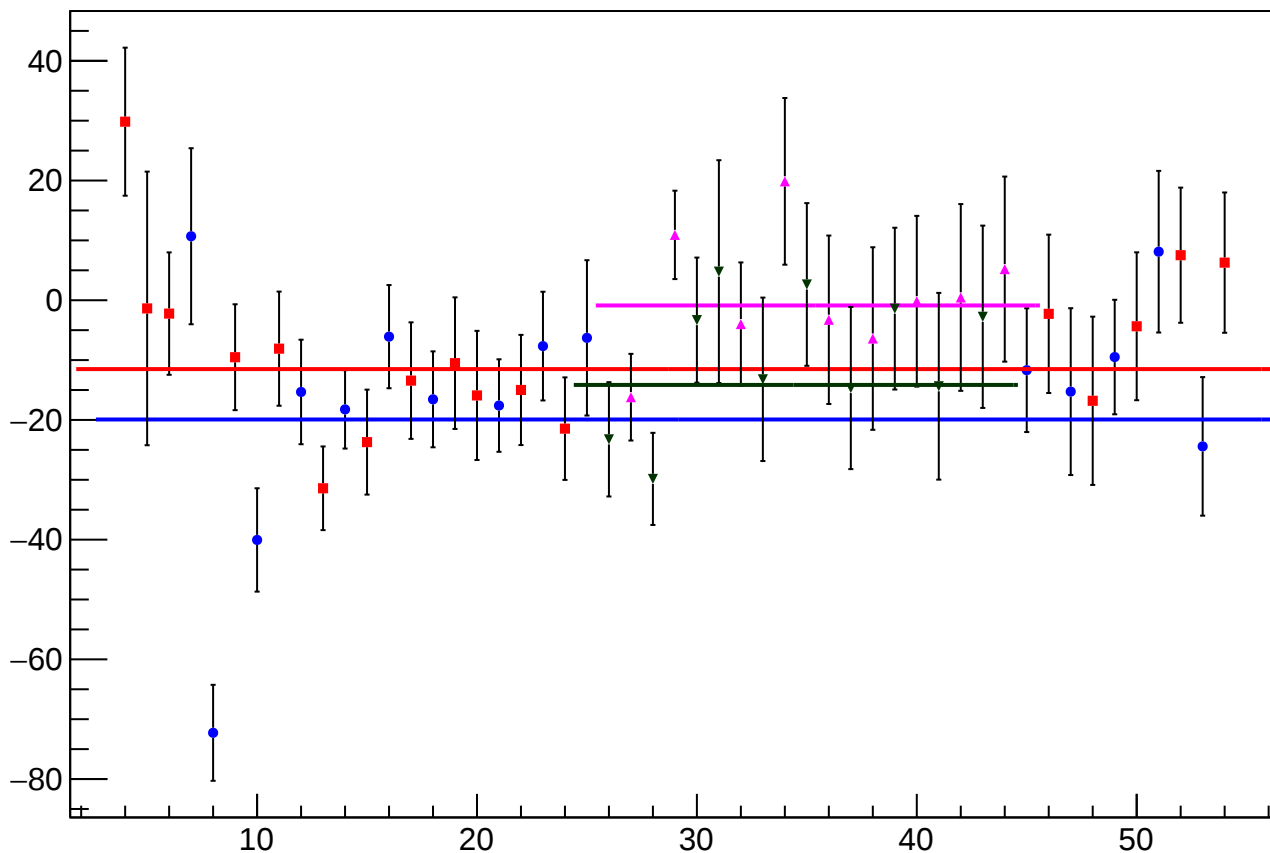
2585.914+/-0.502 χ^2/NDF : 2674016.9/24

Right Out: 2447.545+/-0.598 χ^2/NDF : 1023891.4/16

2668.519+/-0.515 χ^2/NDF : 2212710.8/25

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

diff_bpm0l04X_mean vs slug



Right In: -19.924 ± 2.409 χ^2/NDF : 64.9/14

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

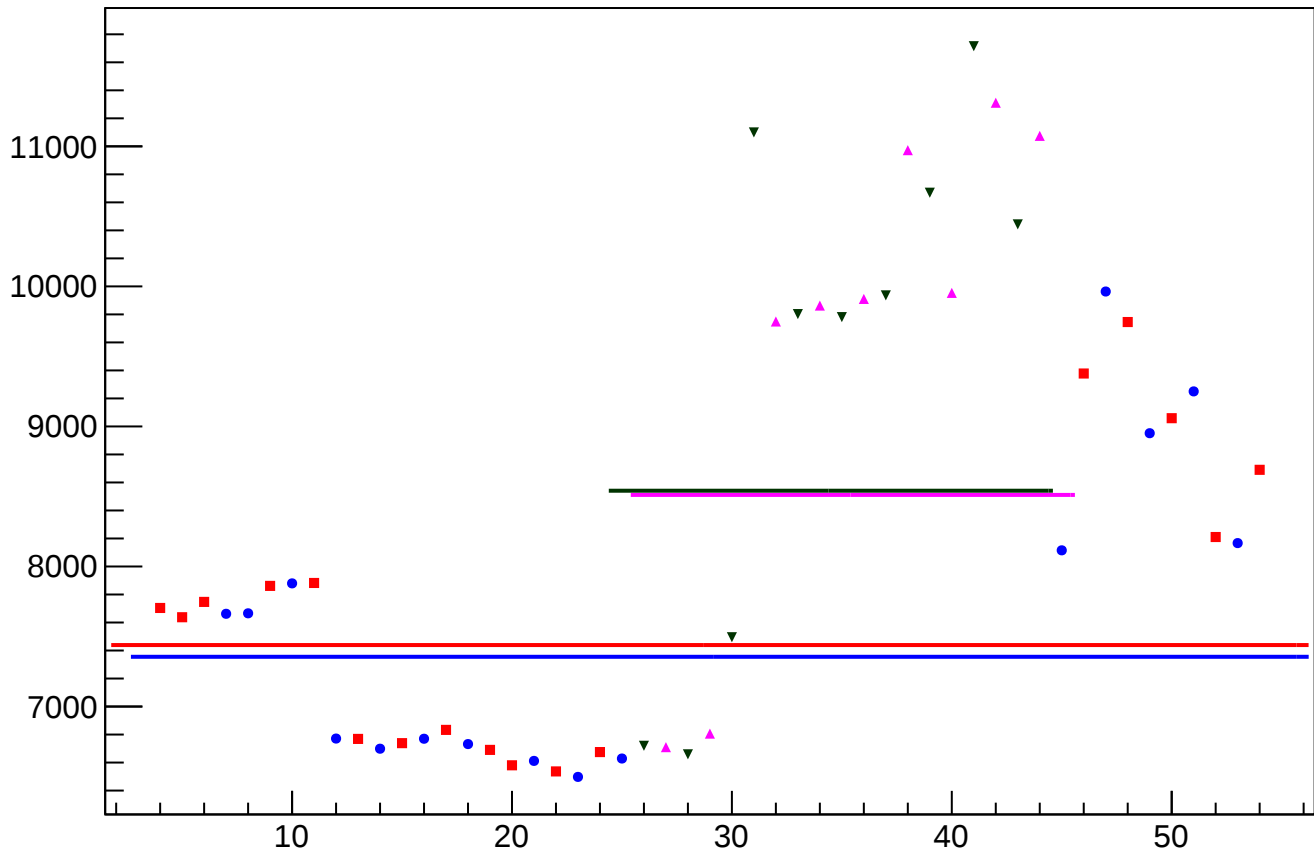
Right Out: -11.504 ± 2.496 χ^2/NDF : 30.2/16

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

-18.256 ± 2.032 χ^2/NDF : 76.7/24

-8.132 ± 2.062 χ^2/NDF : 45.7/25

diff_bpm0l04X_rms vs slug



Right In: 7355.245+/-1.704 χ^2/NDF : 290006.7/14

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

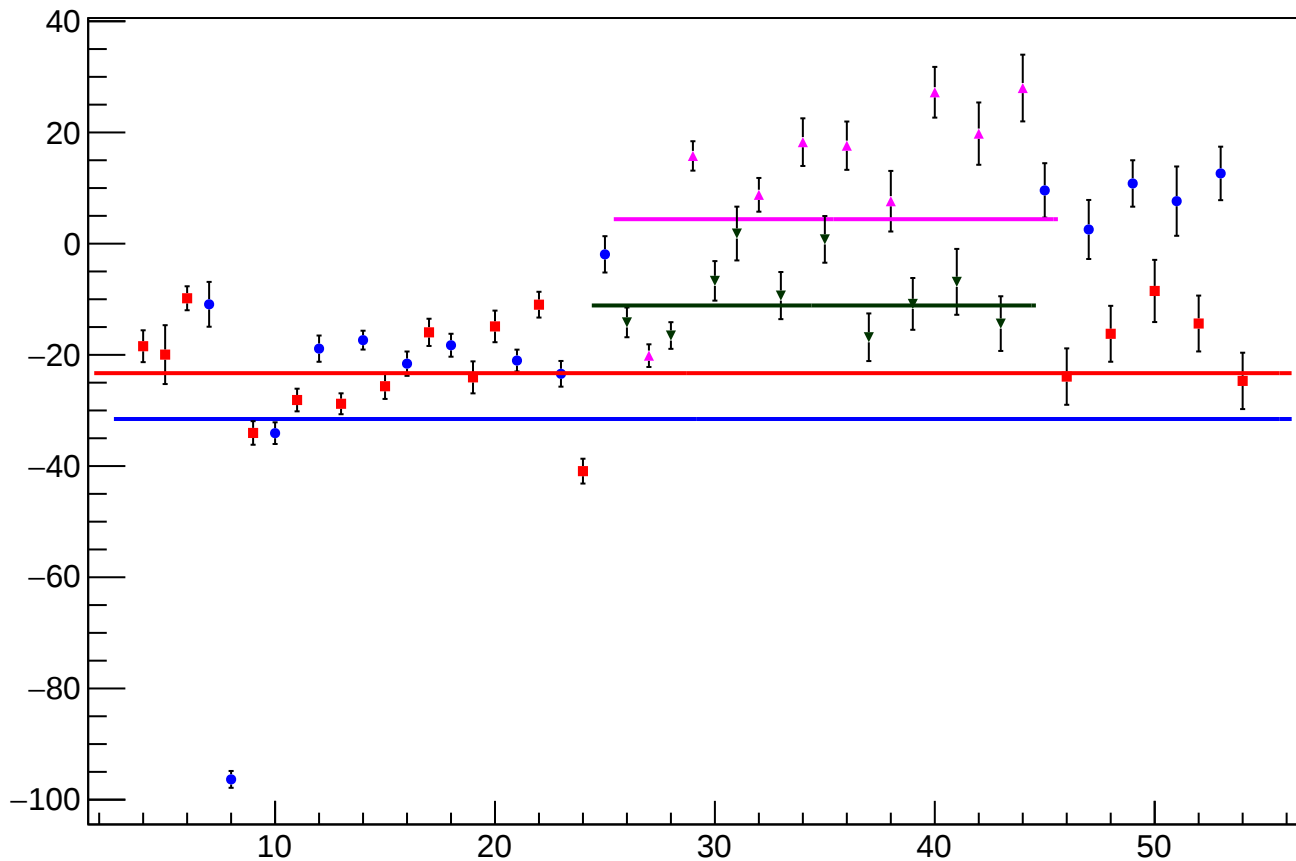
Right Out: 7439.033+/-1.765 χ^2/NDF : 271049.7/16

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

7697.945+/-1.437 χ^2/NDF : 898702.0/24

7778.974+/-1.458 χ^2/NDF : 877952.0/25

diff_bpm0l04Y_mean vs slug



Right In: -31.537 ± 0.635 χ^2/NDF : 2485.8/14

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

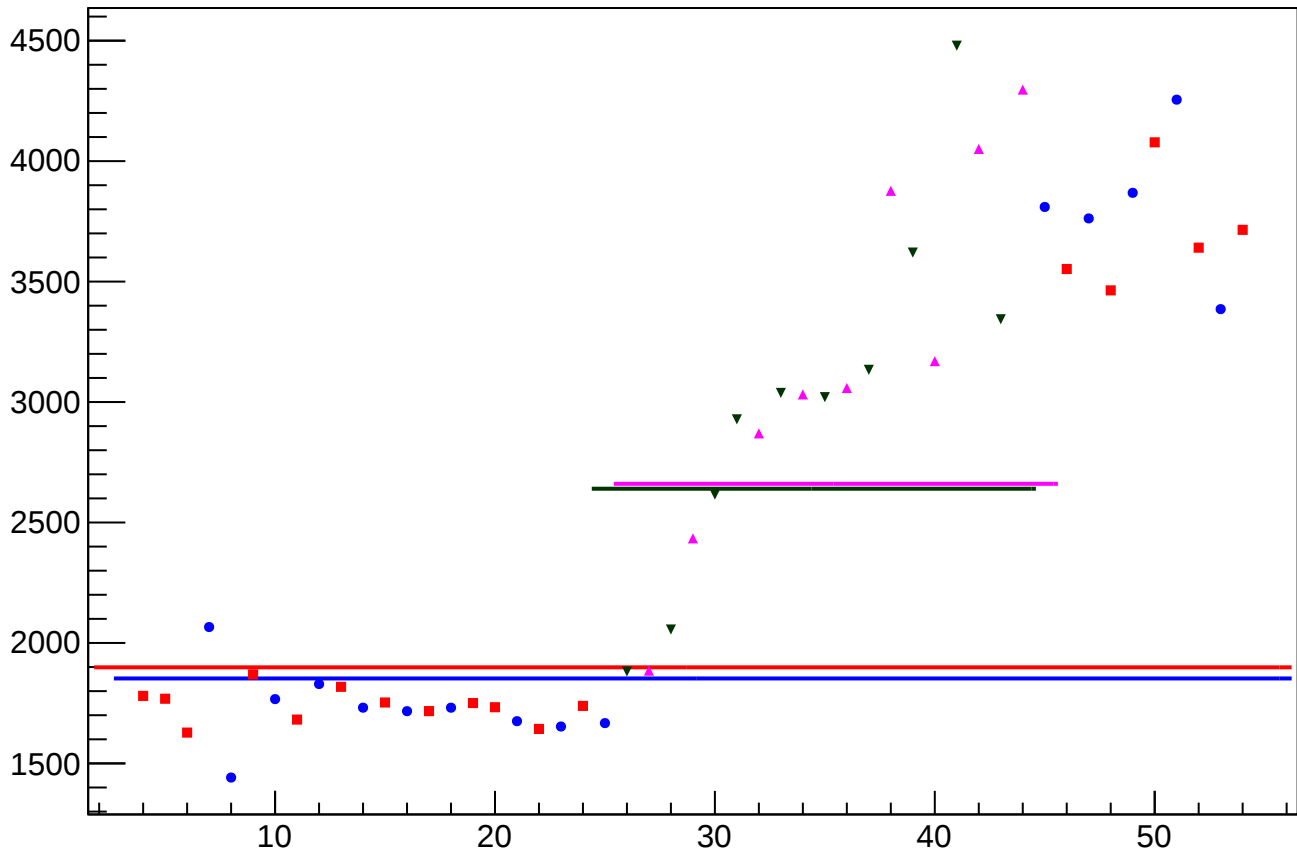
Right Out: -23.291 ± 0.660 χ^2/NDF : 203.9/16

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

-26.948 ± 0.559 χ^2/NDF : 2744.0/24

-16.538 ± 0.574 χ^2/NDF : 867.5/25

diff_bpm0l04Y_rms vs slug



Right In: 1852.627+/-0.449 χ^2/NDF : 1764977.2/14

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

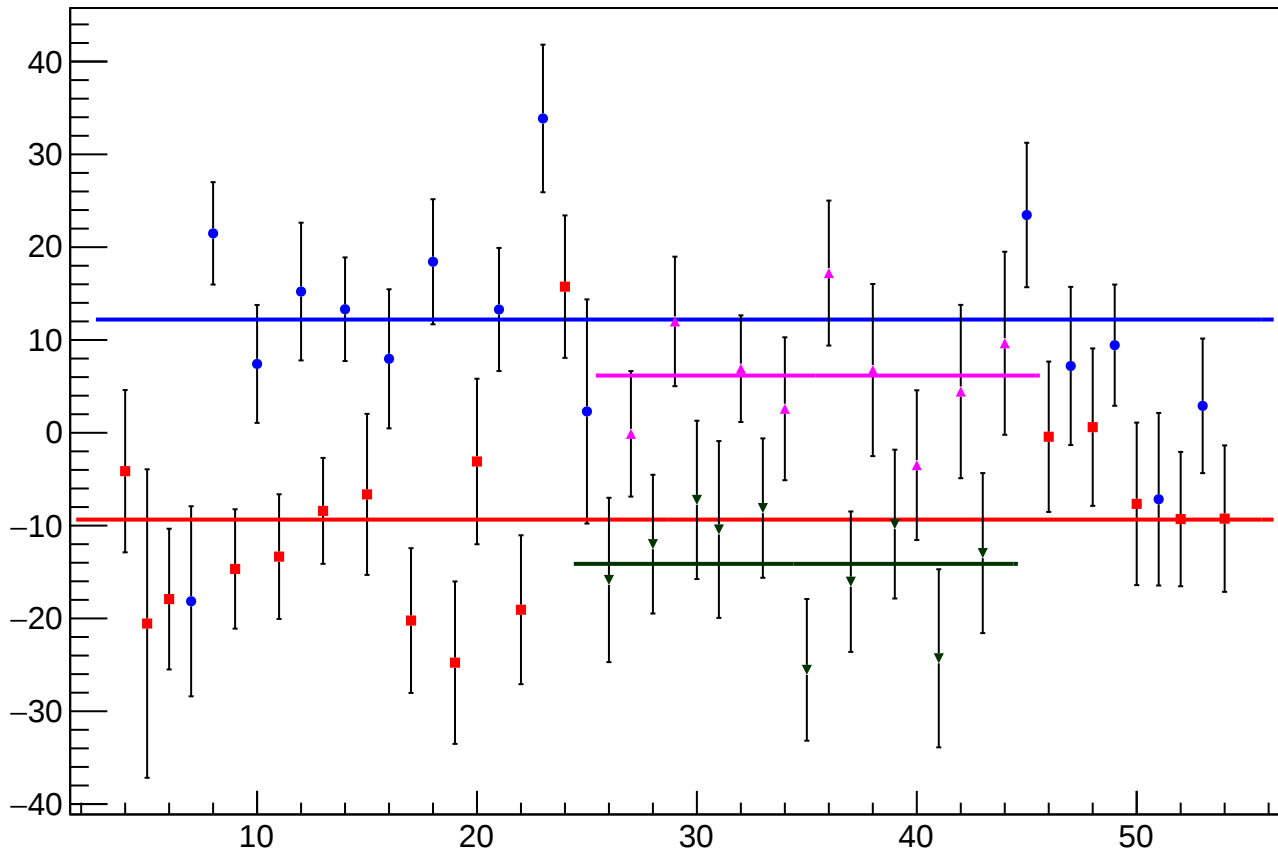
2029.619+/-0.396 χ^2/NDF : 3125257.2/24

Right Out: 1898.757+/-0.466 χ^2/NDF : 1335819.1/16

2084.551+/-0.406 χ^2/NDF : 2728702.5/25

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

diff_bpm0l05X_mean vs slug



Right In: 12.203 ± 1.867 $\chi^2/\text{NDF}: 30.3/14$

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

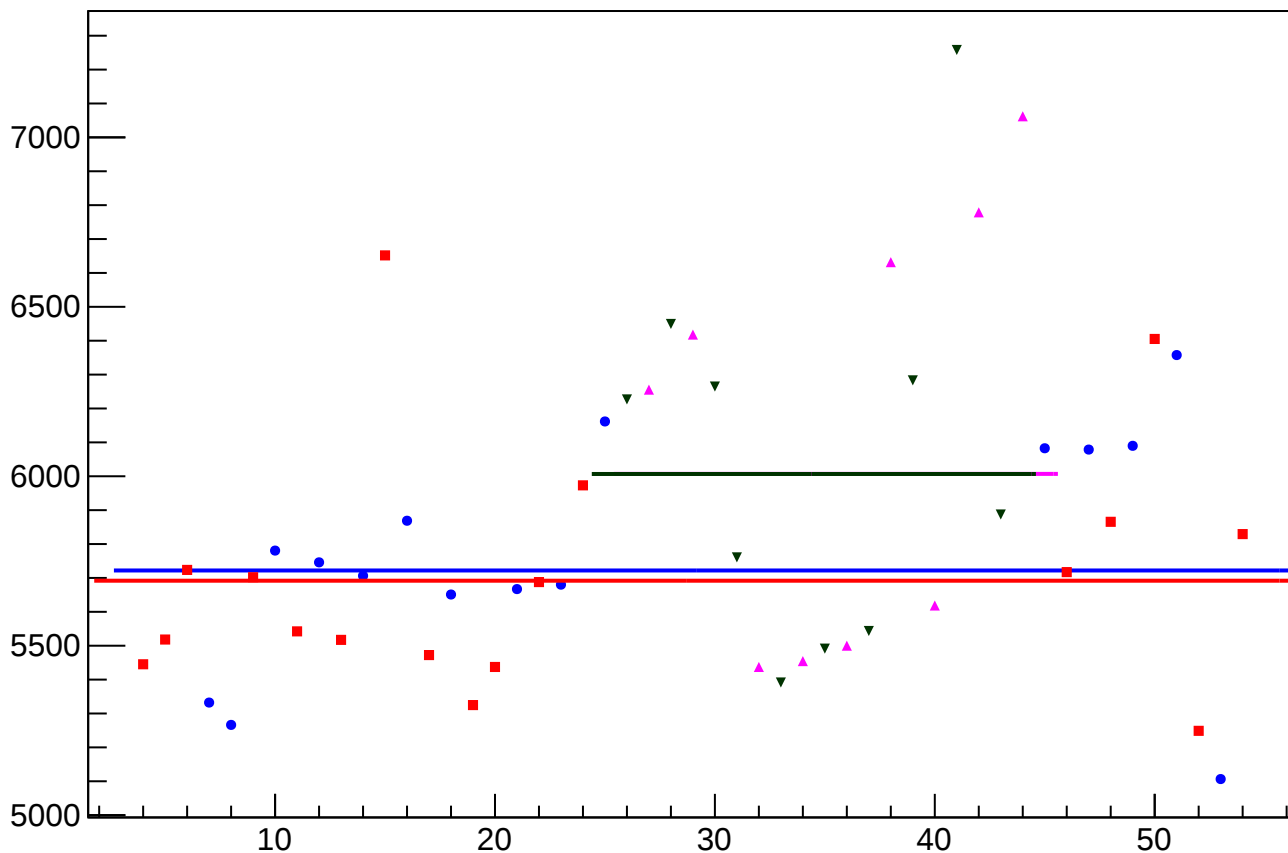
Right Out: -9.352 ± 1.902 $\chi^2/\text{NDF}: 23.6/16$

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

3.259 ± 1.517 $\chi^2/\text{NDF}: 103.1/24$

-3.782 ± 1.523 $\chi^2/\text{NDF}: 52.9/25$

diff_bpm0l05X_rms vs slug



Right In: 5722.017+/-1.320 χ^2/NDF : 58487.4/14

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

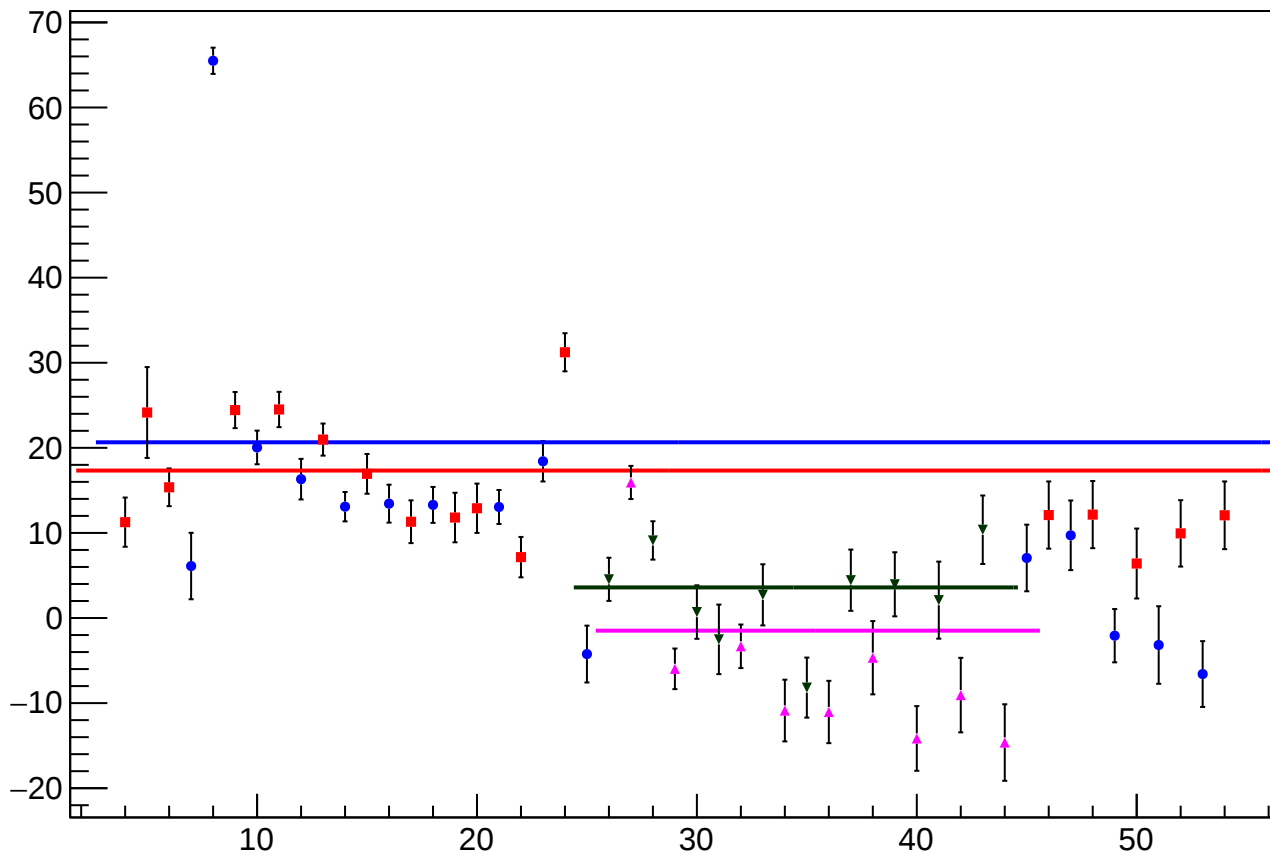
Right Out: 5691.819+/-1.345 χ^2/NDF : 60864.4/16

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

5818.757+/-1.072 χ^2/NDF : 152548.4/24

5804.944+/-1.077 χ^2/NDF : 178884.6/25

diff_bpm0l05Y_mean vs slug



Right In: 20.652 $\pm$ 0.628 χ^2 /NDF: 1124.8/14

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

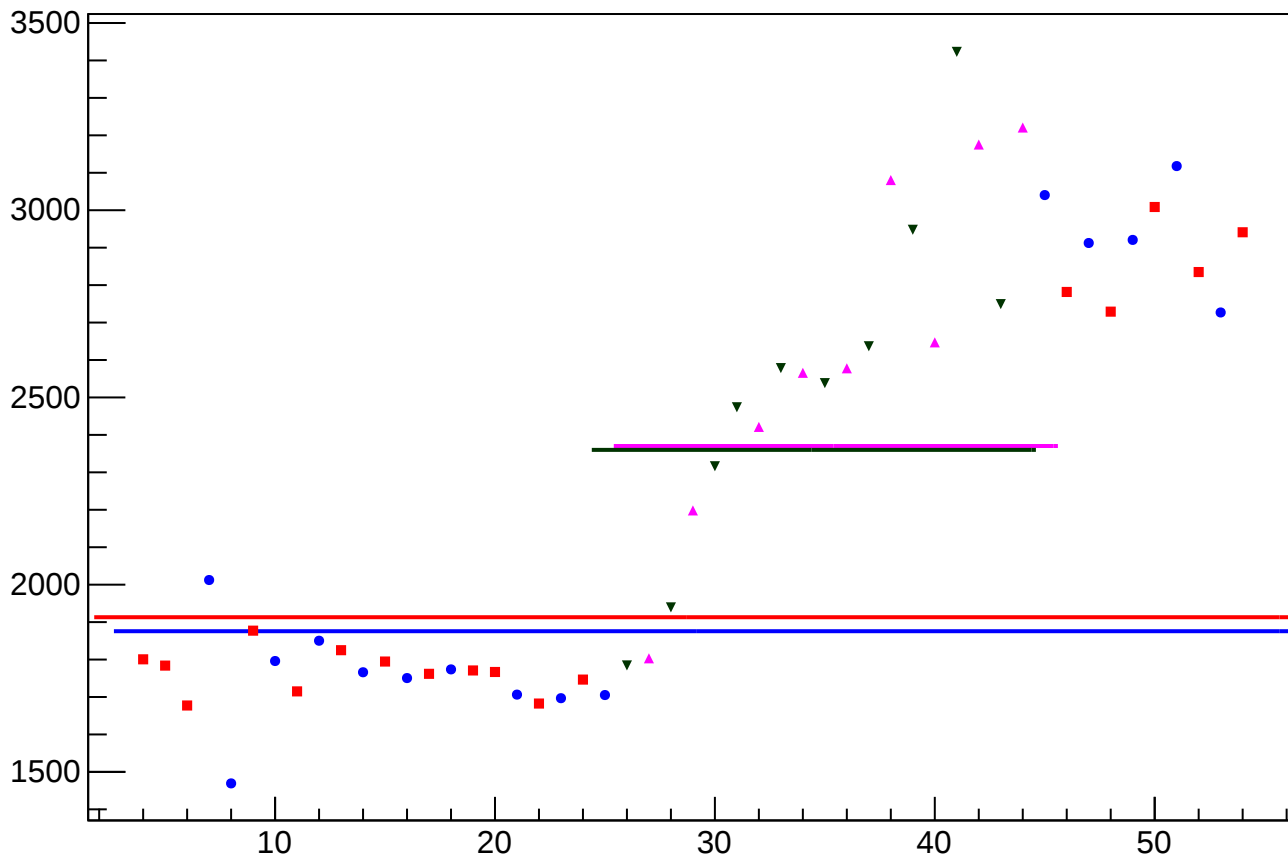
Right Out: 17.332 $\pm$ 0.650 χ^2 /NDF: 118.1/16

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

16.082 $\pm$ 0.537 χ^2 /NDF: 1346.1/24

11.871 $\pm$ 0.548 χ^2 /NDF: 481.8/25

diff_bpm0l05Y_rms vs slug



Right In: 1875.710+/-0.444 χ^2/NDF : 968584.8/14

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

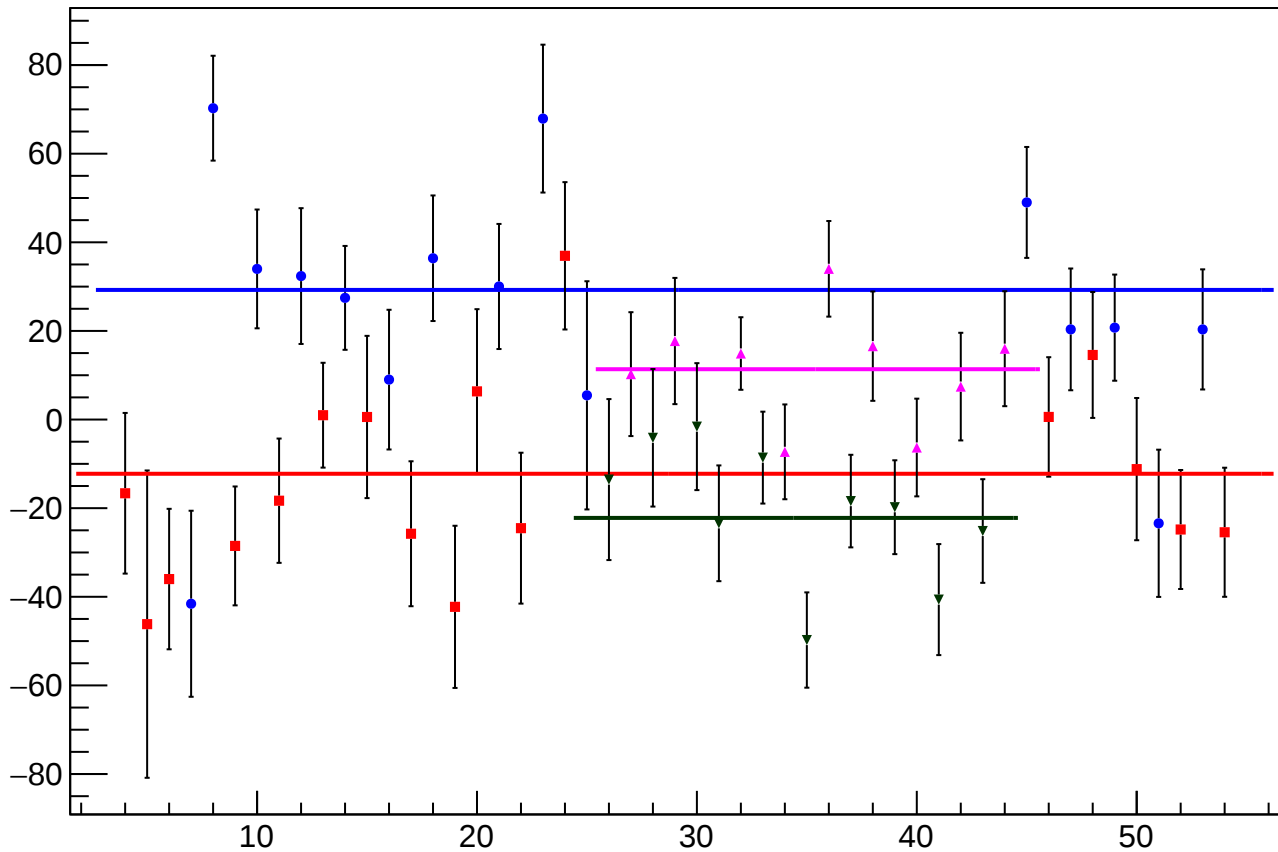
Right Out: 1913.069+/-0.460 χ^2/NDF : 671891.0/16

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

2005.484+/-0.380 χ^2/NDF : 1664361.5/24

2045.771+/-0.387 χ^2/NDF : 1355865.9/25

diff_bpm0l06X_mean vs slug



Right In: 29.255 ± 3.692 $\chi^2/\text{NDF}: 45.6/14$

Left Out: -22.199 ± 3.845 $\chi^2/\text{NDF}: 14.4/9$

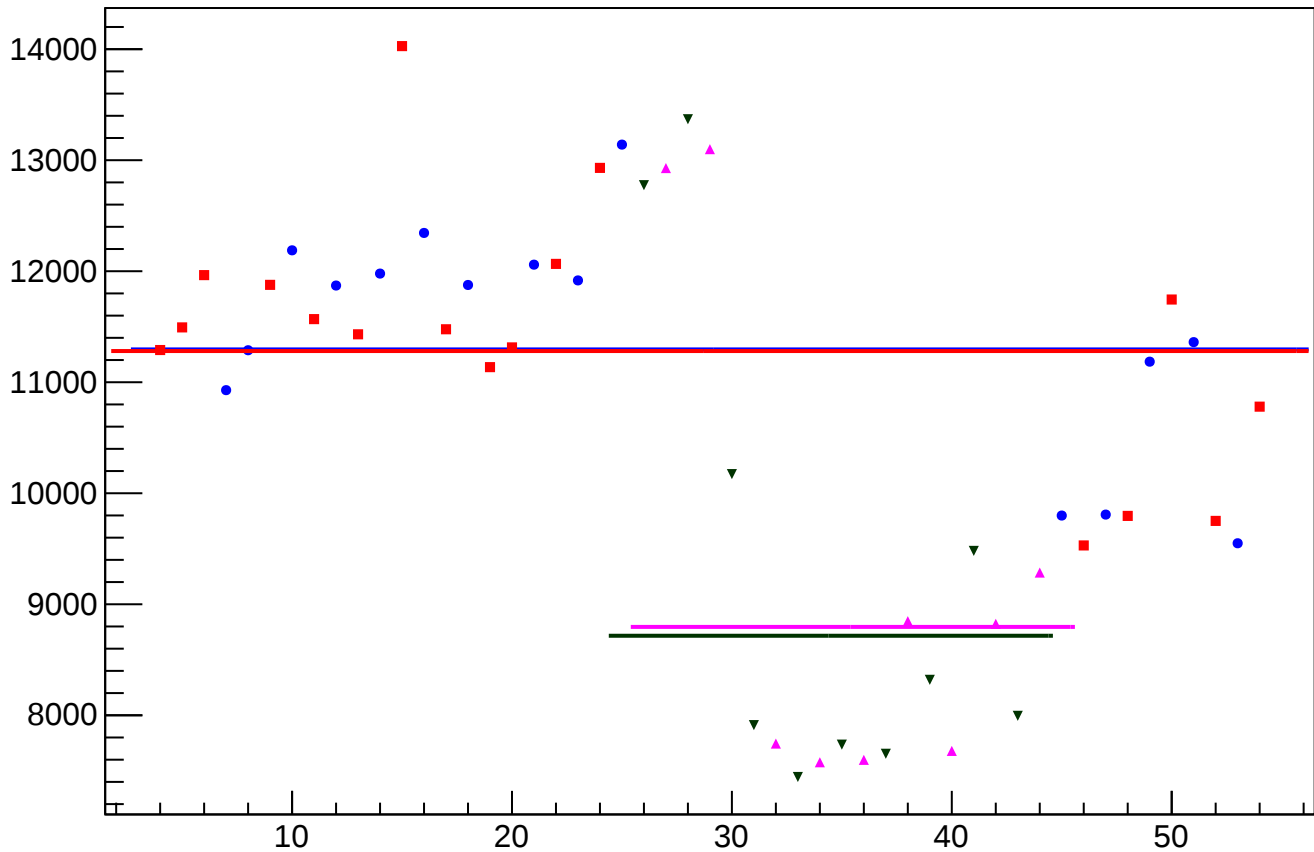
Right Out: -12.236 ± 3.782 $\chi^2/\text{NDF}: 26.5/16$

Left In: 11.359 ± 3.785 $\chi^2/\text{NDF}: 10.8/8$

4.572 ± 2.663 $\chi^2/\text{NDF}: 153.1/24$

-0.448 ± 2.675 $\chi^2/\text{NDF}: 56.8/25$

diff_bpm0l06X_rms vs slug



Right In: 11295.620+/-2.611 χ^2/NDF : 135613.2/14

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

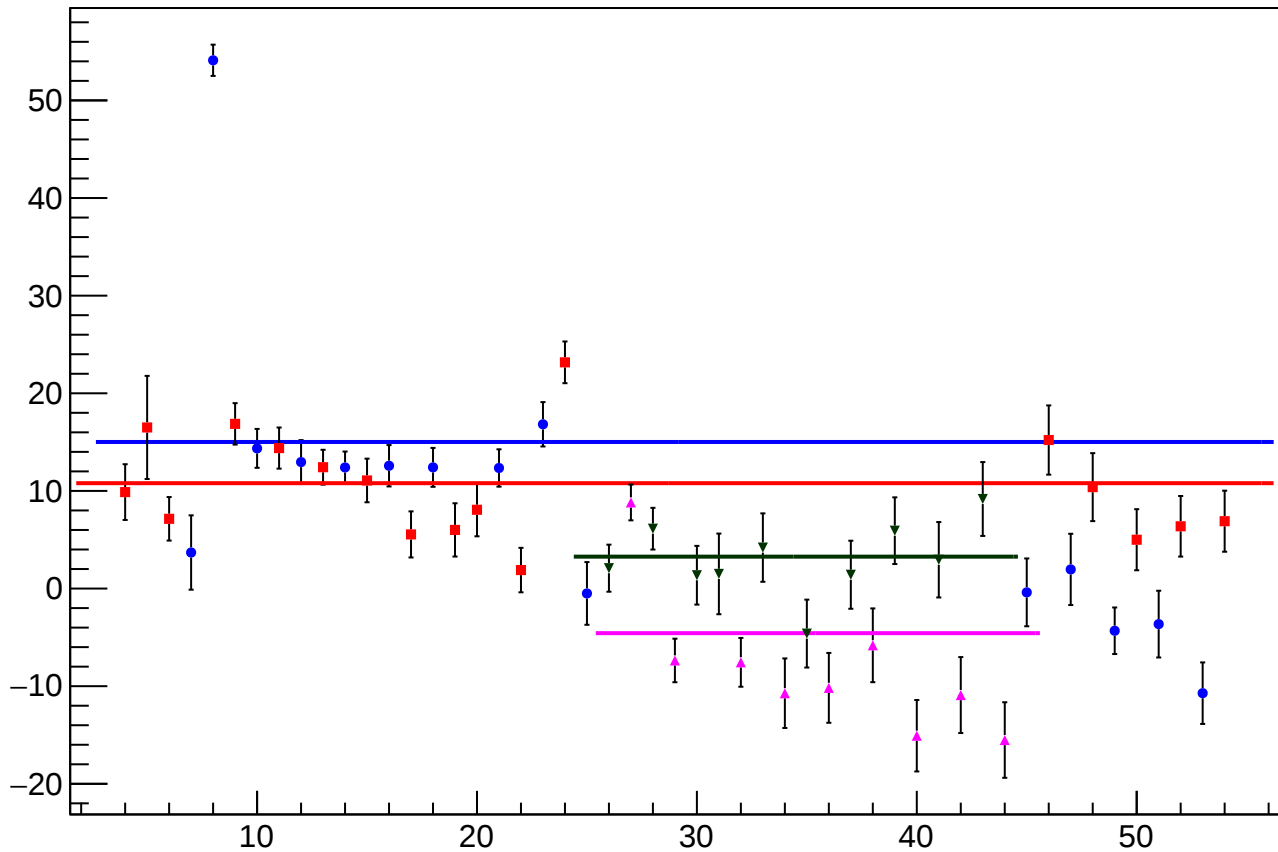
10058.400+/-1.883 χ^2/NDF : 996855.3/24

Right Out: 11280.995+/-2.674 χ^2/NDF : 163906.1/16

10039.572+/-1.892 χ^2/NDF : 1059628.6/25

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

diff_bpm0l06Y_mean vs slug



Right In: 15.014 $\pm$ 0.593 χ^2 /NDF: 832.7/14

Left Out: 3.269 $\pm$ 0.986 χ^2 /NDF: 11.2/9

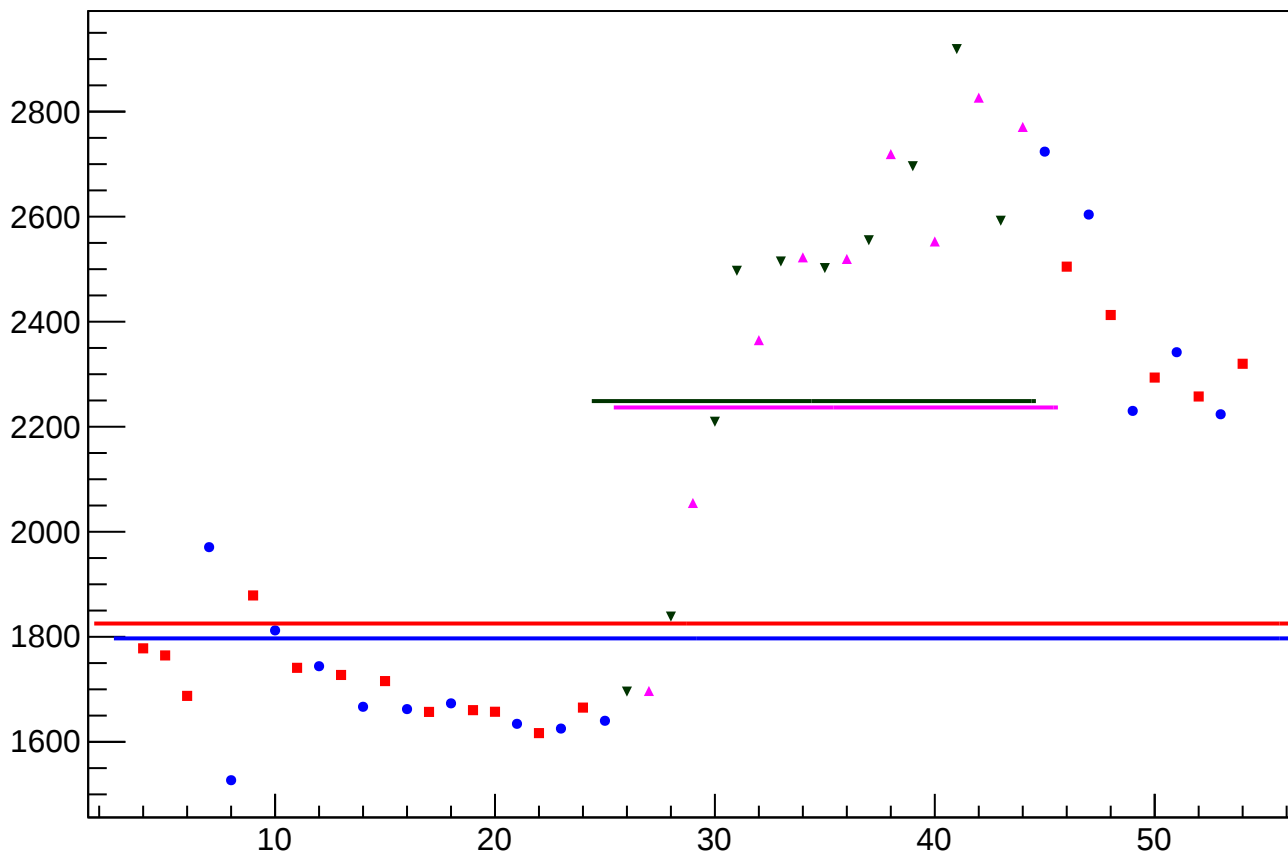
Right Out: 10.793 $\pm$ 0.614 χ^2 /NDF: 82.3/16

Left In: -4.569 $\pm$ 0.956 χ^2 /NDF: 80.8/8

11.893 $\pm$ 0.508 χ^2 /NDF: 948.2/24

6.309 $\pm$ 0.517 χ^2 /NDF: 345.8/25

diff_bpm0l06Y_rms vs slug



Right In: 1797.008+/-0.419 χ^2/NDF : 515329.3/14

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

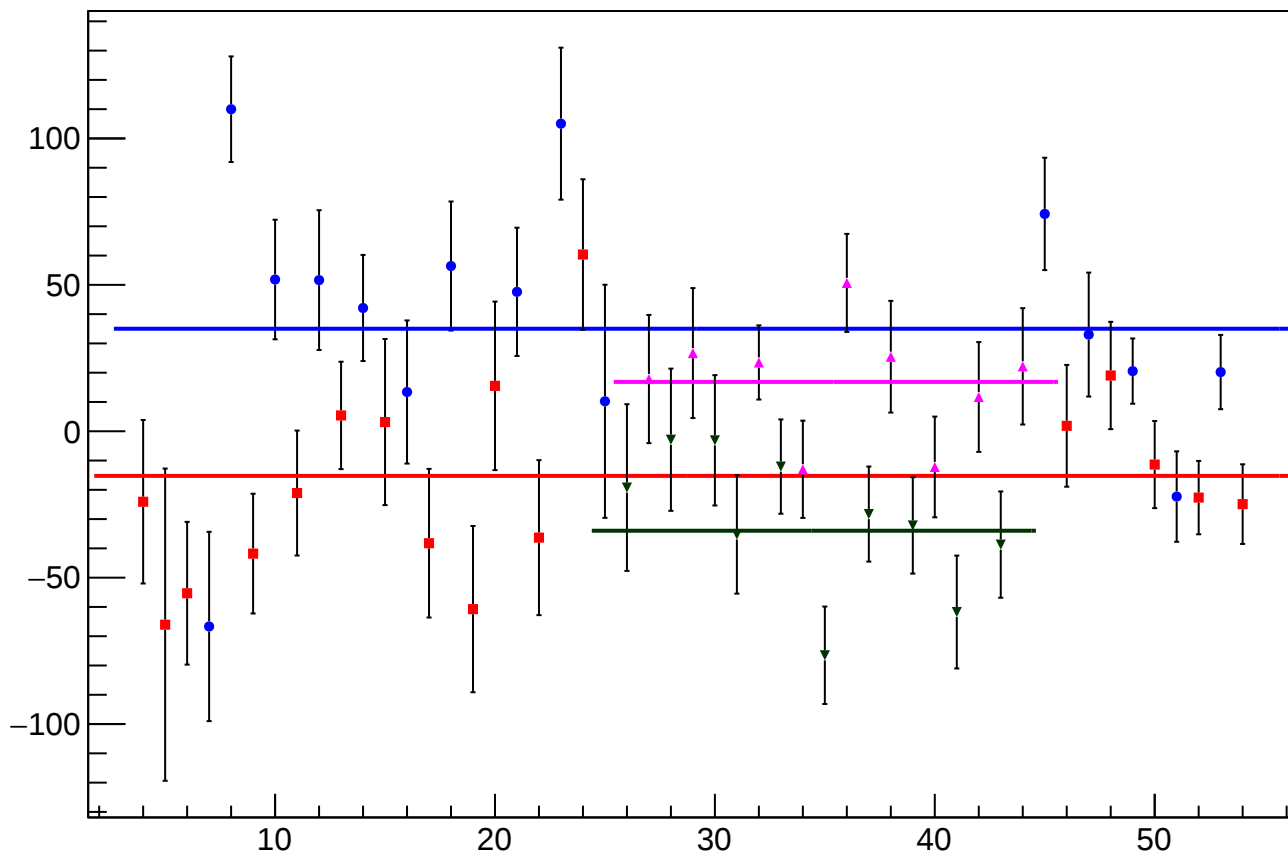
Right Out: 1825.310+/-0.434 χ^2/NDF : 340974.0/16

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

1917.063+/-0.359 χ^2/NDF : 1159301.3/24

1945.373+/-0.365 χ^2/NDF : 952068.4/25

diff_bpm0l07X_mean vs slug



Right In: 35.017 $\pm$ 4.846 χ^2 /NDF: 59.2/14

Left Out: -33.973 $\pm$ 5.967 χ^2 /NDF:14.5/9

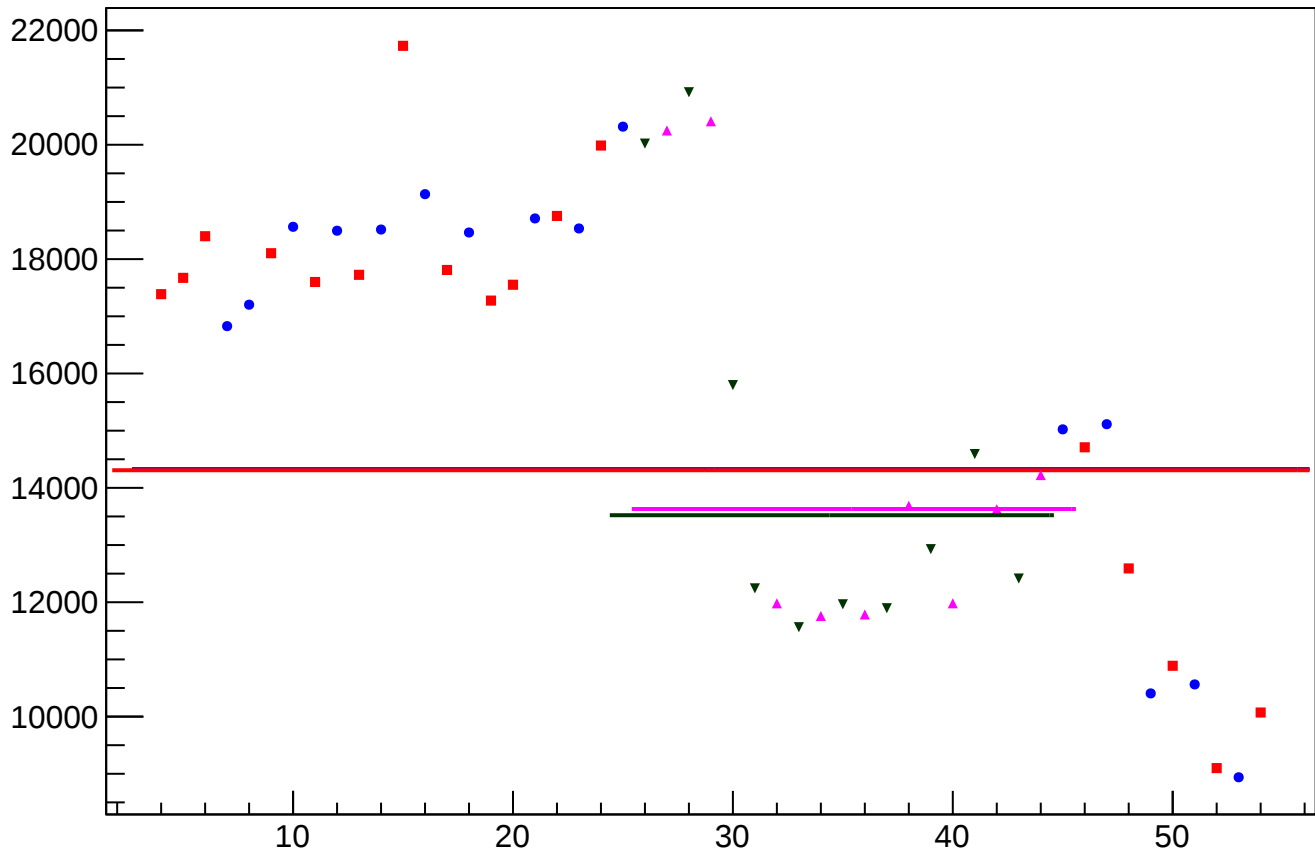
Right Out: -15.236 $\pm$ 4.960 χ^2 /NDF: 26.1/16

Left In: 16.860 $\pm$ 5.867 χ^2 /NDF:11.0/8

7.597 $\pm$ 3.762 χ^2 /NDF: 154.3/24

-1.857 $\pm$ 3.788 χ^2 /NDF: 54.5/25

diff_bpm0l07X_rms vs slug



Right In: 14327.544+/-3.427 χ^2/NDF : 1375748.2/14

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

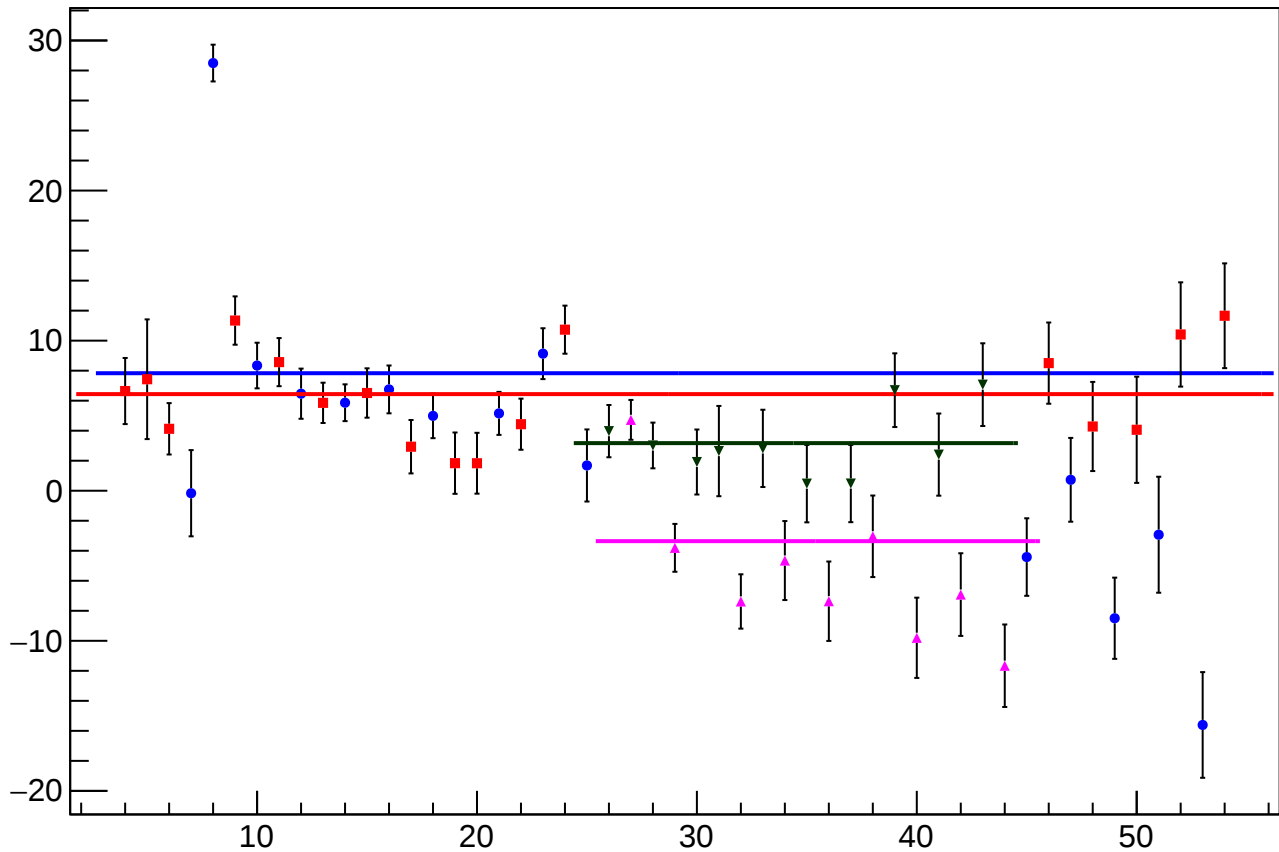
14007.214+/-2.660 χ^2/NDF : 1799782.4/24

Right Out: 14308.117+/-3.507 χ^2/NDF : 1314567.4/16

14025.586+/-2.678 χ^2/NDF : 1803348.2/25

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

diff_bpm0l07Y_mean vs slug



Right In: 7.830 ± 0.463 χ^2/NDF : 427.8/14

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

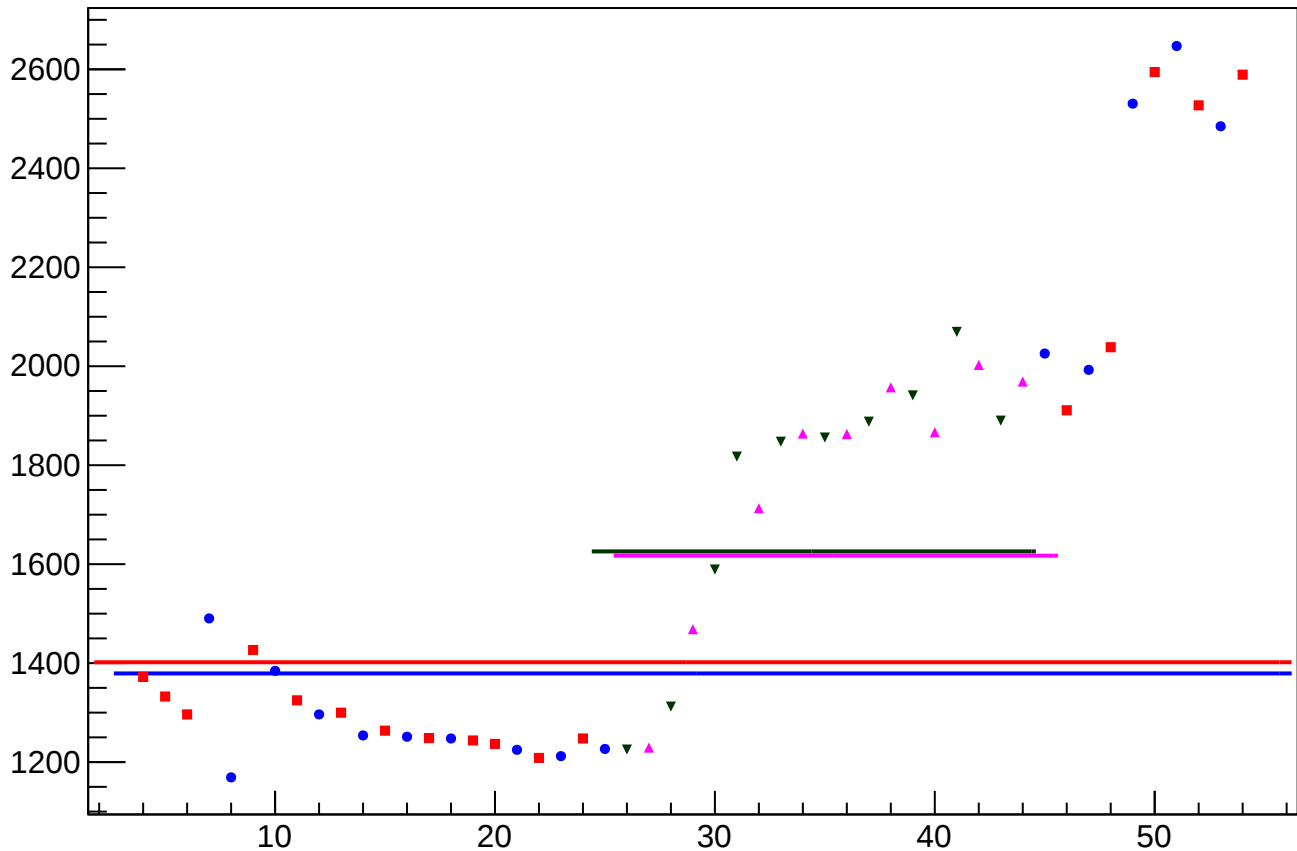
Right Out: 6.438 ± 0.480 χ^2/NDF : 40.9/16

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

6.448 ± 0.388 χ^2/NDF : 464.7/24

3.249 ± 0.394 χ^2/NDF : 237.6/25

diff_bpm0l07Y_rms vs slug



Right In: 1379.171+/-0.327 χ^2 /NDF: 1163581.9/14

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

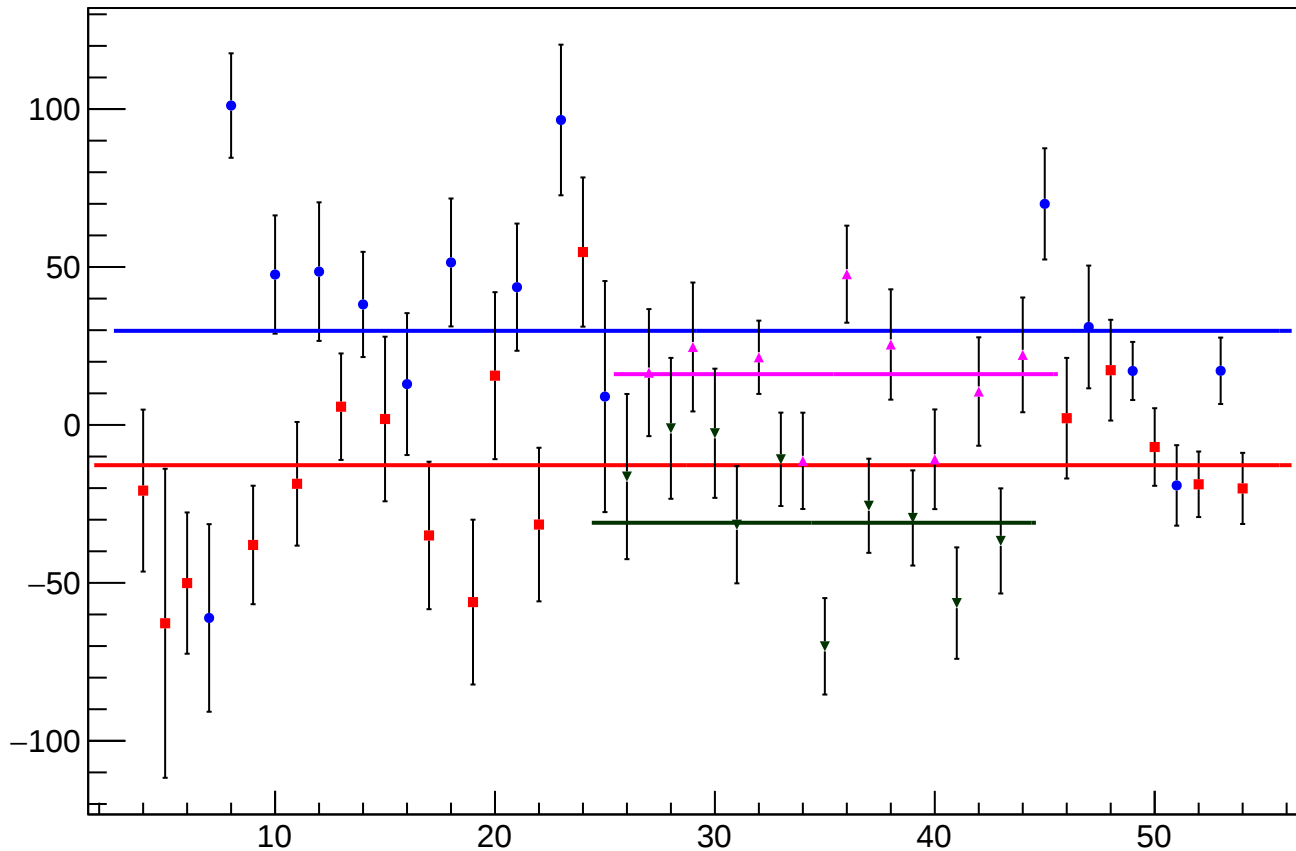
1452.364+/-0.275 χ^2 /NDF: 1686541.8/24

Right Out: 1401.787+/-0.339 χ^2 /NDF: 954934.7/16

1471.873+/-0.279 χ^2 /NDF: 1435092.5/25

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

diff_bpm0l08X_mean vs slug



Right In: 29.793 ± 4.240 χ^2/NDF : 63.5/14

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

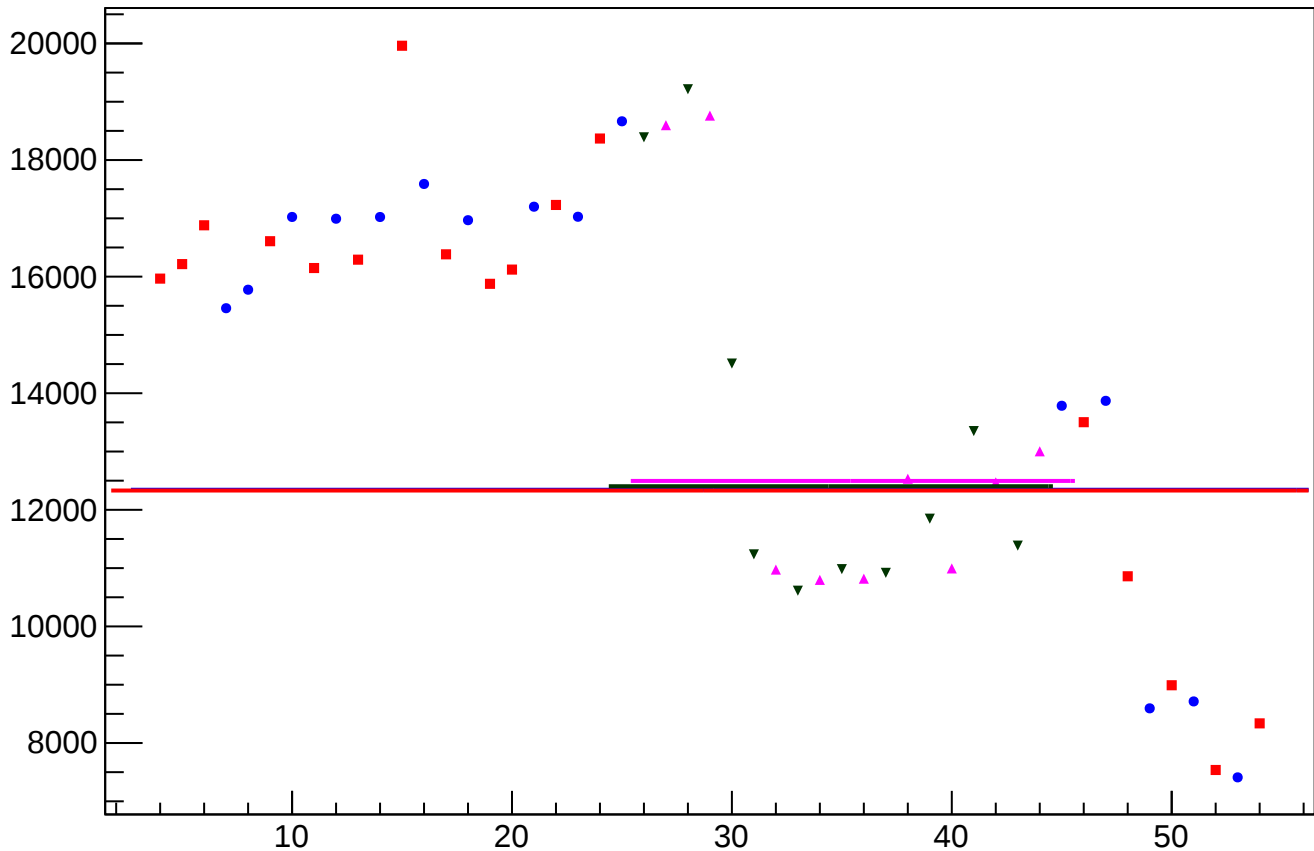
Right Out: -12.740 ± 4.341 χ^2/NDF : 26.1/16

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

7.008 ± 3.352 χ^2/NDF : 155.3/24

-1.375 ± 3.378 χ^2/NDF : 54.8/25

diff_bpm0l08X_rms vs slug



Right In: 12344.362+/-2.998 χ^2/NDF : 1907661.4/14

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

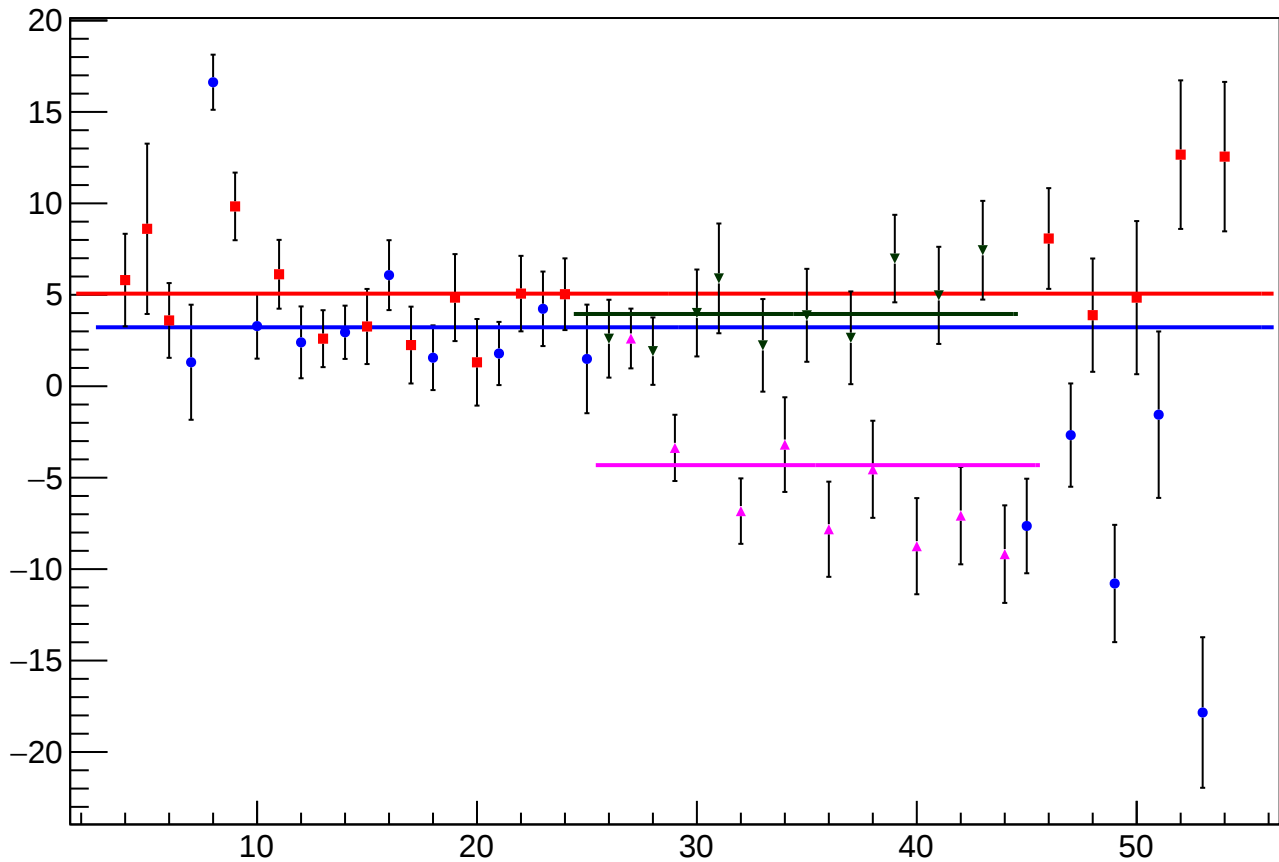
12366.970+/-2.371 χ^2/NDF : 2310683.1/24

Right Out: 12331.115+/-3.069 χ^2/NDF : 1798527.0/16

12396.034+/-2.389 χ^2/NDF : 2275170.3/25

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

diff_bpm0l08Y_mean vs slug



Right In: 3.224 ± 0.546 χ^2/NDF : 152.4/14

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

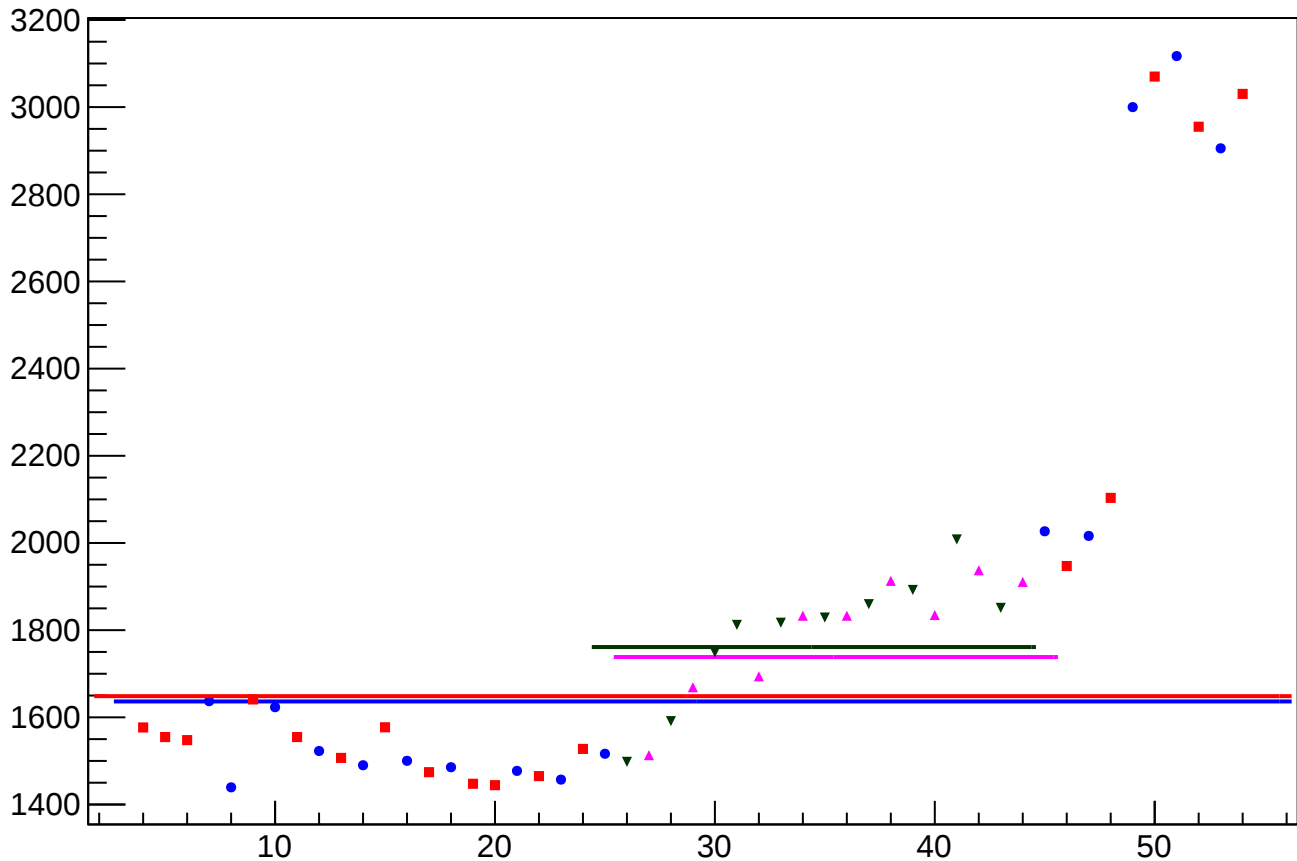
Right Out: 5.063 ± 0.563 χ^2/NDF : 23.9/16

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

3.471 ± 0.444 χ^2/NDF : 159.2/24

1.591 ± 0.447 χ^2/NDF : 156.2/25

diff_bpm0l08Y_rms vs slug



Right In: 1636.428+/-0.386 χ^2/NDF : 966753.1/14

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

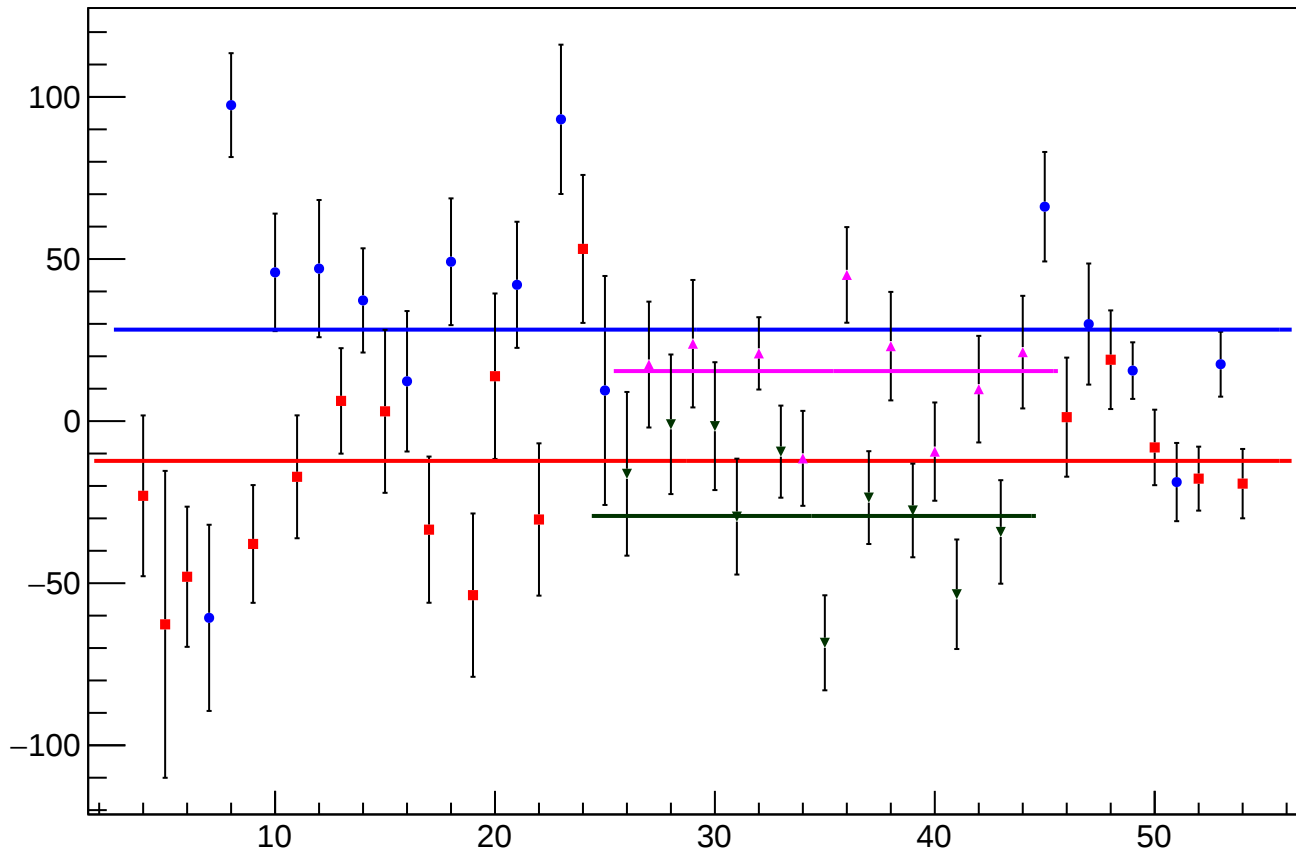
1678.833+/-0.314 χ^2/NDF : 1081359.7/24

Right Out: 1648.569+/-0.398 χ^2/NDF : 830340.6/16

1681.810+/-0.316 χ^2/NDF : 927511.4/25

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

diff_bpm0l09X_mean vs slug



Right In: 28.222 ± 4.060 $\chi^2/\text{NDF}: 64.2/14$

Left Out: -29.254 ± 5.260 $\chi^2/\text{NDF}: 15.3/9$

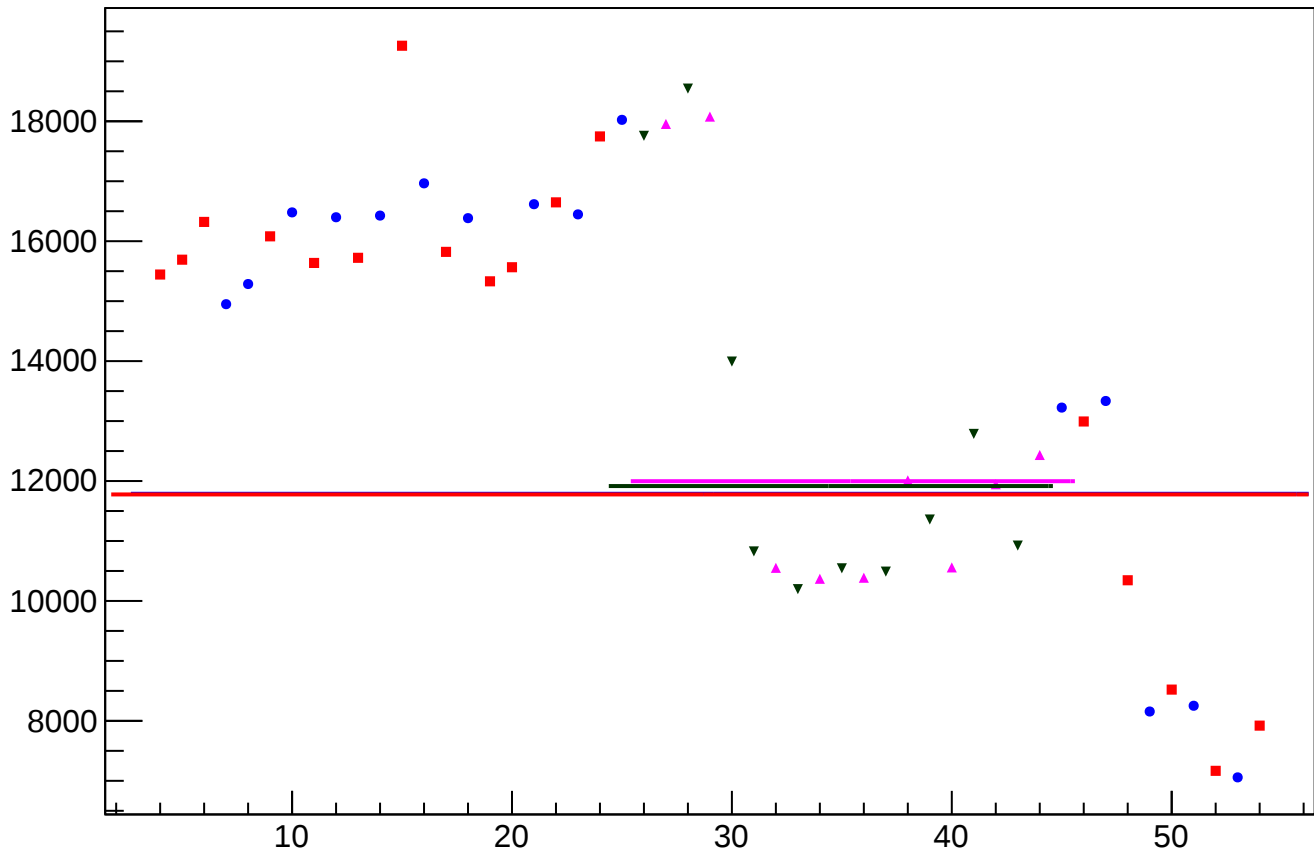
Right Out: -12.268 ± 4.157 $\chi^2/\text{NDF}: 26.8/16$

Left In: 15.435 ± 5.166 $\chi^2/\text{NDF}: 11.0/8$

6.766 ± 3.214 $\chi^2/\text{NDF}: 154.4/24$

-1.379 ± 3.238 $\chi^2/\text{NDF}: 55.3/25$

diff_bpm0l09X_rms vs slug



Right In: 11787.318+/-2.871 χ^2/NDF : 1999701.1/14

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

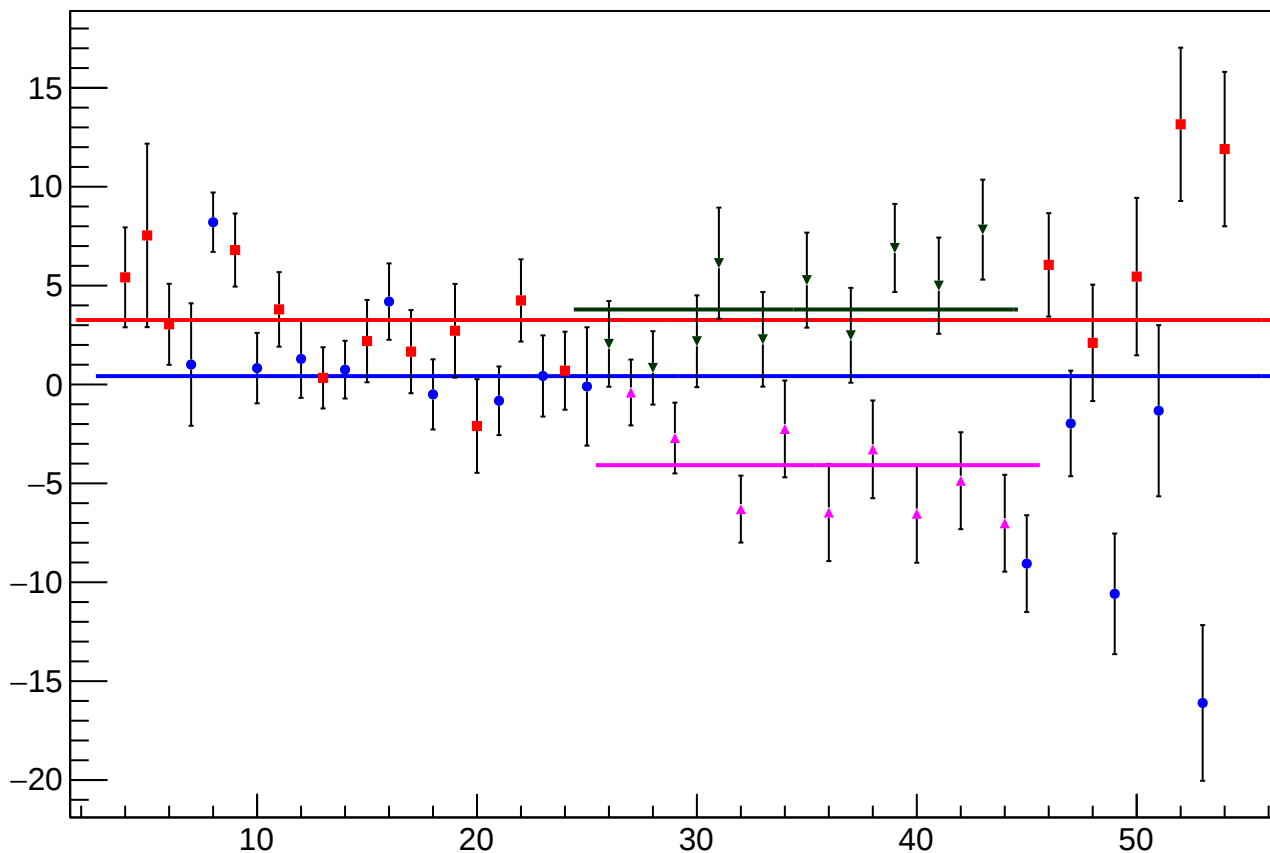
11835.448+/-2.273 χ^2/NDF : 2409420.2/24

Right Out: 11776.413+/-2.939 χ^2/NDF : 188606.3/16

11863.198+/-2.290 χ^2/NDF : 2369955.5/25

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

diff_bpm0l09Y_mean vs slug



Right In: 0.423 ± 0.543 $\chi^2/\text{NDF}: 78.4/14$

Left Out: 3.793 ± 0.732 $\chi^2/\text{NDF}: 10.2/9$

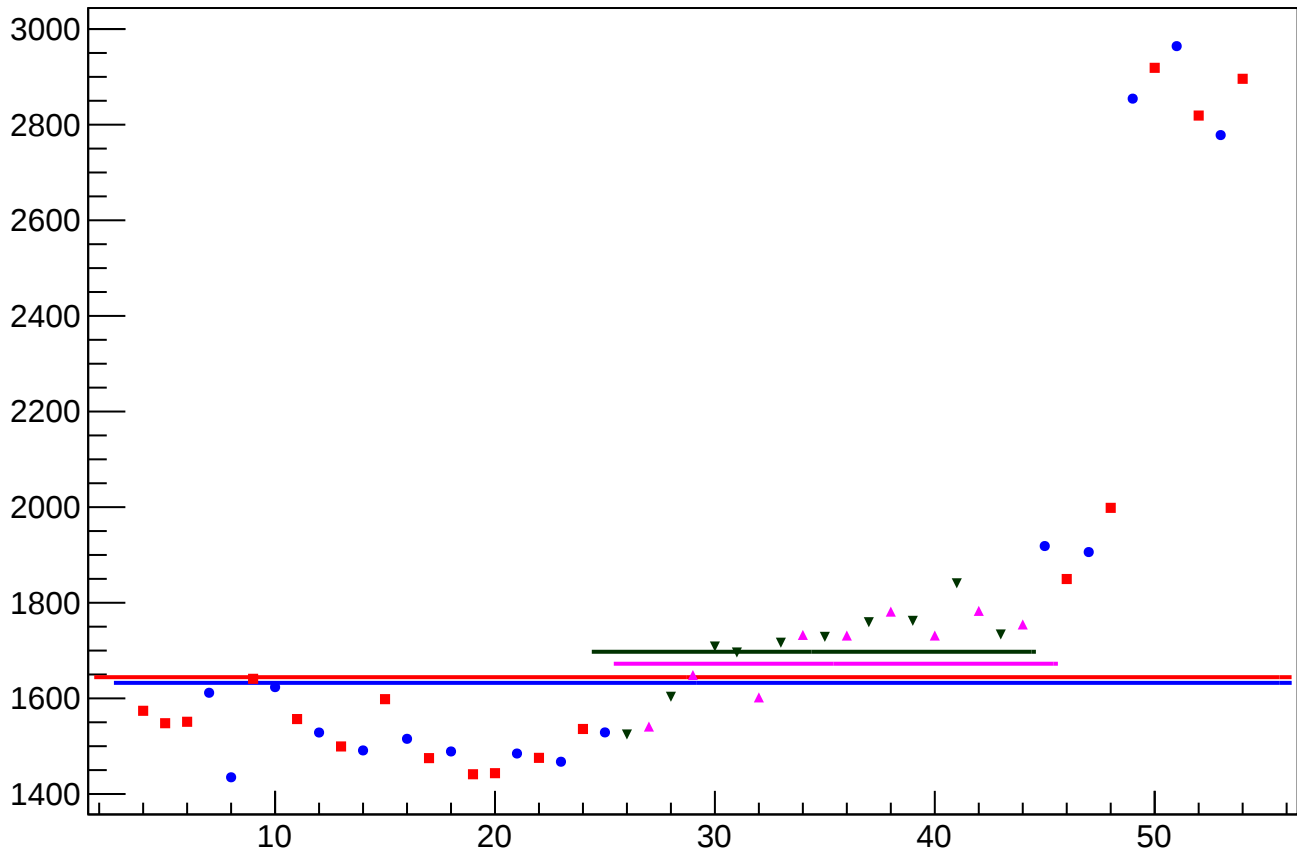
Right Out: 3.260 ± 0.560 $\chi^2/\text{NDF}: 29.9/16$

Left In: -4.078 ± 0.705 $\chi^2/\text{NDF}: 11.3/8$

1.619 ± 0.436 $\chi^2/\text{NDF}: 102.2/24$

0.421 ± 0.438 $\chi^2/\text{NDF}: 107.7/25$

diff_bpm0l09Y_rms vs slug



Right In: 1632.475+/-0.384 χ^2/NDF : 837458.2/14

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

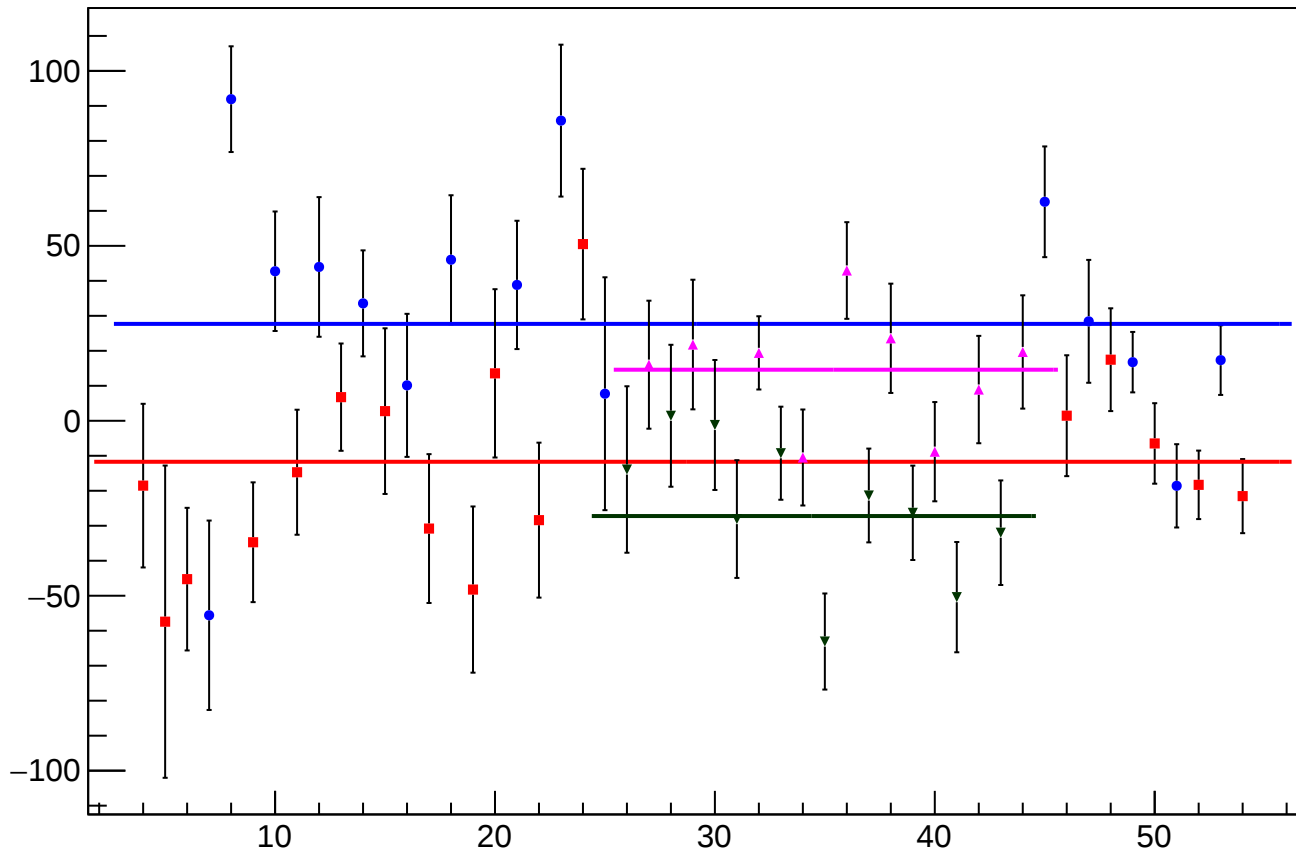
1655.555+/-0.308 χ^2/NDF : 876384.8/24

Right Out: 1644.356+/-0.396 χ^2/NDF : 726426.3/16

1655.239+/-0.310 χ^2/NDF : 758370.3/25

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

diff_bpm0l10X_mean vs slug



Right In: 27.696 $\pm$ 3.917 χ^2/NDF : 61.4/14

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

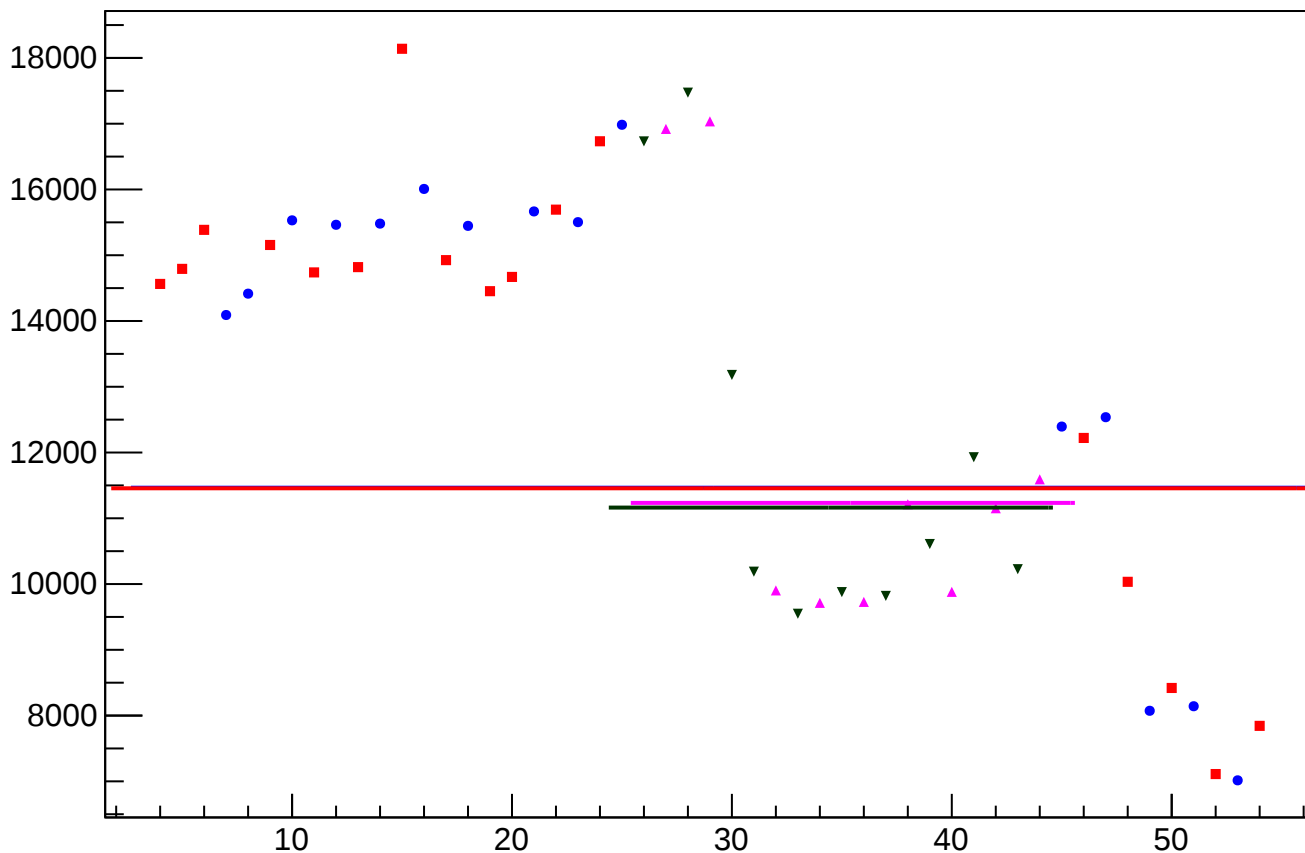
Right Out: -11.713 $\pm$ 4.012 χ^2/NDF : 26.8/16

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

6.437 $\pm$ 3.067 χ^2/NDF : 152.9/24

-0.993 $\pm$ 3.088 χ^2/NDF : 55.5/25

diff_bpm0l10X_rms vs slug



Right In: 11464.982+/-2.770 χ^2/NDF : 1728769.2/14

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

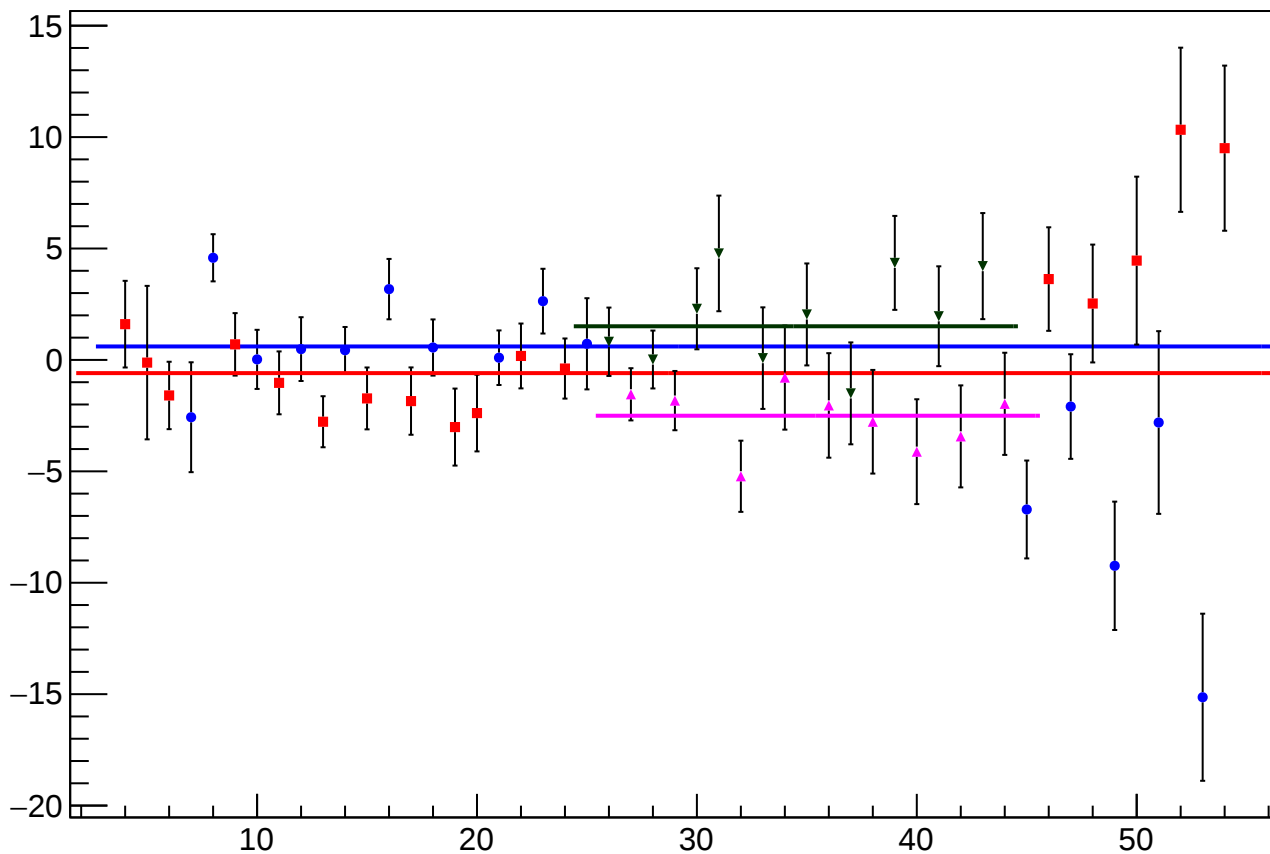
Right Out: 11456.036+/-2.837 χ^2/NDF : 1640625.5/16

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

11348.004+/-2.169 χ^2/NDF : 2149754.8/24

11365.610+/-2.184 χ^2/NDF : 2132384.1/25

diff_bpm0l10Y_mean vs slug



Right In: 0.604 ± 0.401 χ^2/NDF : 64.2/14

Left Out: 1.510 ± 0.615 χ^2/NDF : 8.6/9

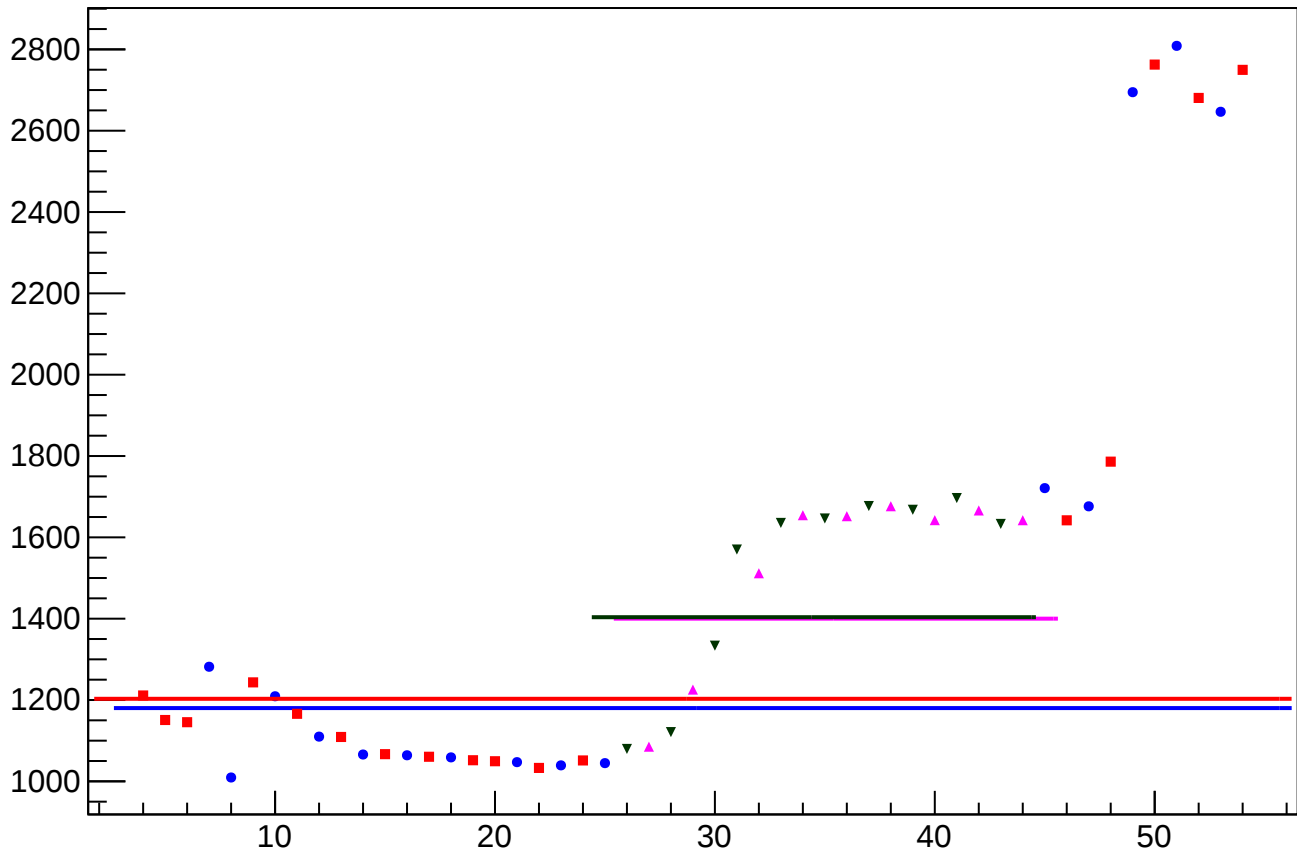
Right Out: -0.592 ± 0.417 χ^2/NDF : 33.7/16

Left In: -2.504 ± 0.598 χ^2/NDF : 5.1/8

0.874 ± 0.336 χ^2/NDF : 74.3/24

-1.217 ± 0.342 χ^2/NDF : 45.7/25

diff_bpm0l10Y_rms vs slug



Right In: 1180.148+/-0.283 χ^2/NDF : 1554824.0/14

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

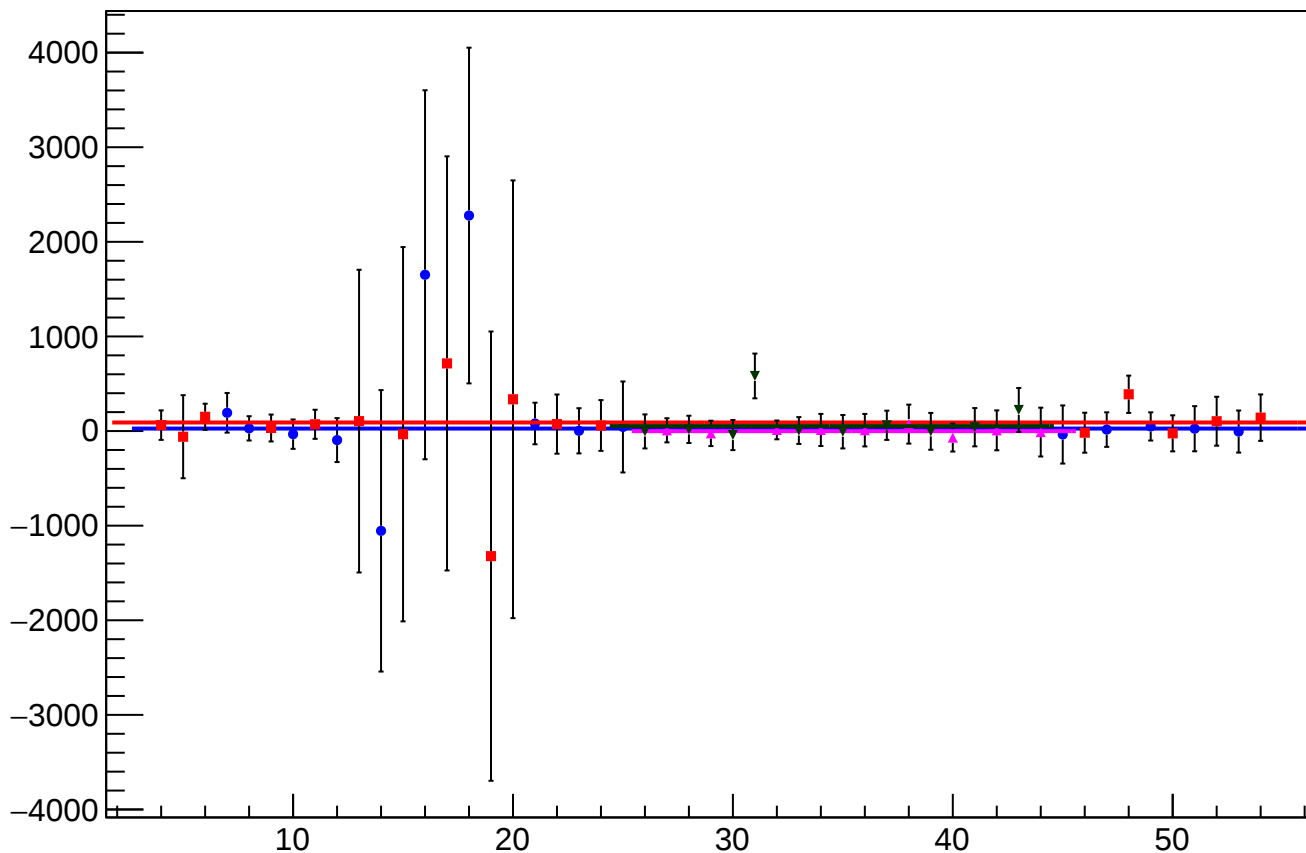
1246.738+/-0.237 χ^2/NDF : 2091239.4/24

Right Out: 1202.976+/-0.295 χ^2/NDF : 1322174.1/16

1267.429+/-0.242 χ^2/NDF : 1802595.0/25

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: 26.256+/-56.755 χ^2/NDF : 4.0/14

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

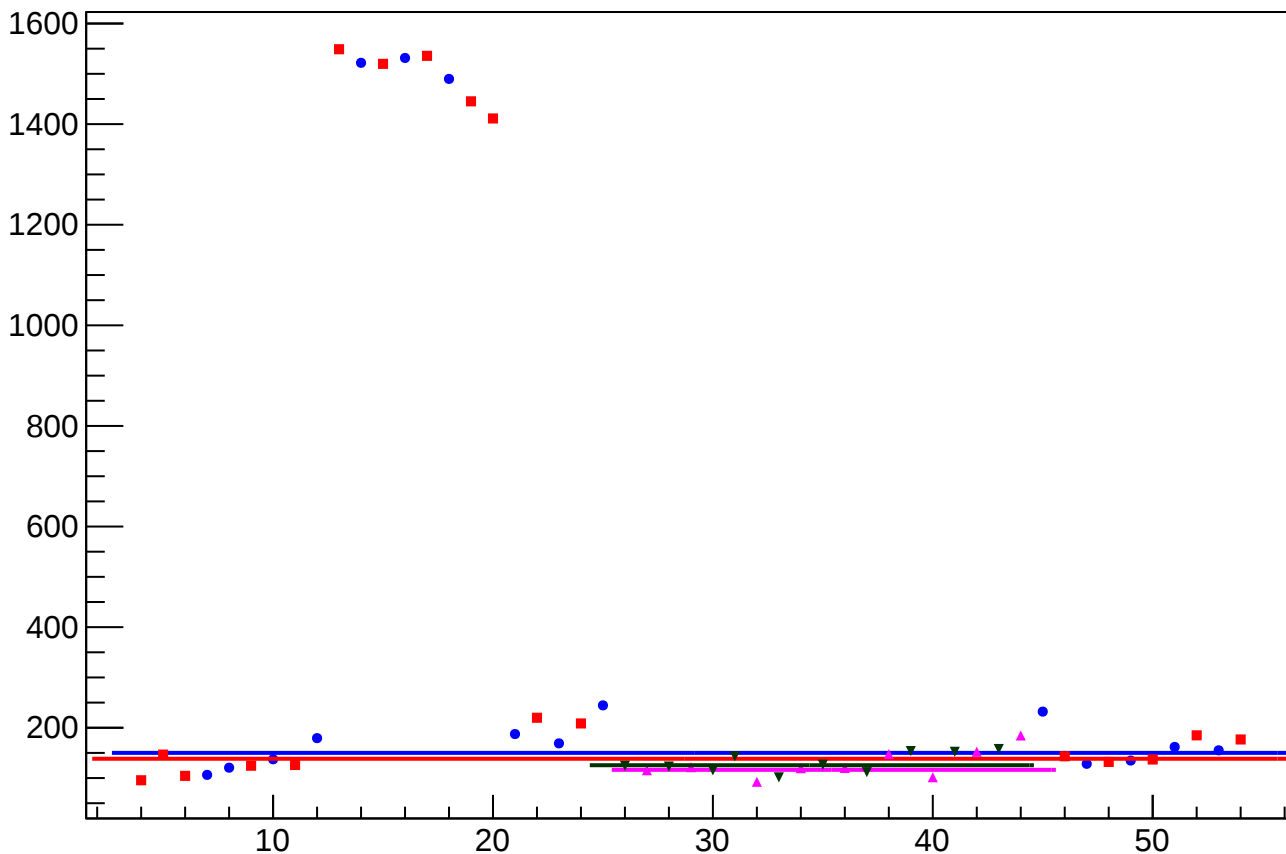
Right Out: 90.533+/-55.622 χ^2/NDF : 4.0/16

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

39.503+/-39.531 χ^2/NDF : 10.5/24

40.217+/-37.334 χ^2/NDF : 5.9/25

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 150.068+/-0.040 χ^2/NDF : 4428111.3/14

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

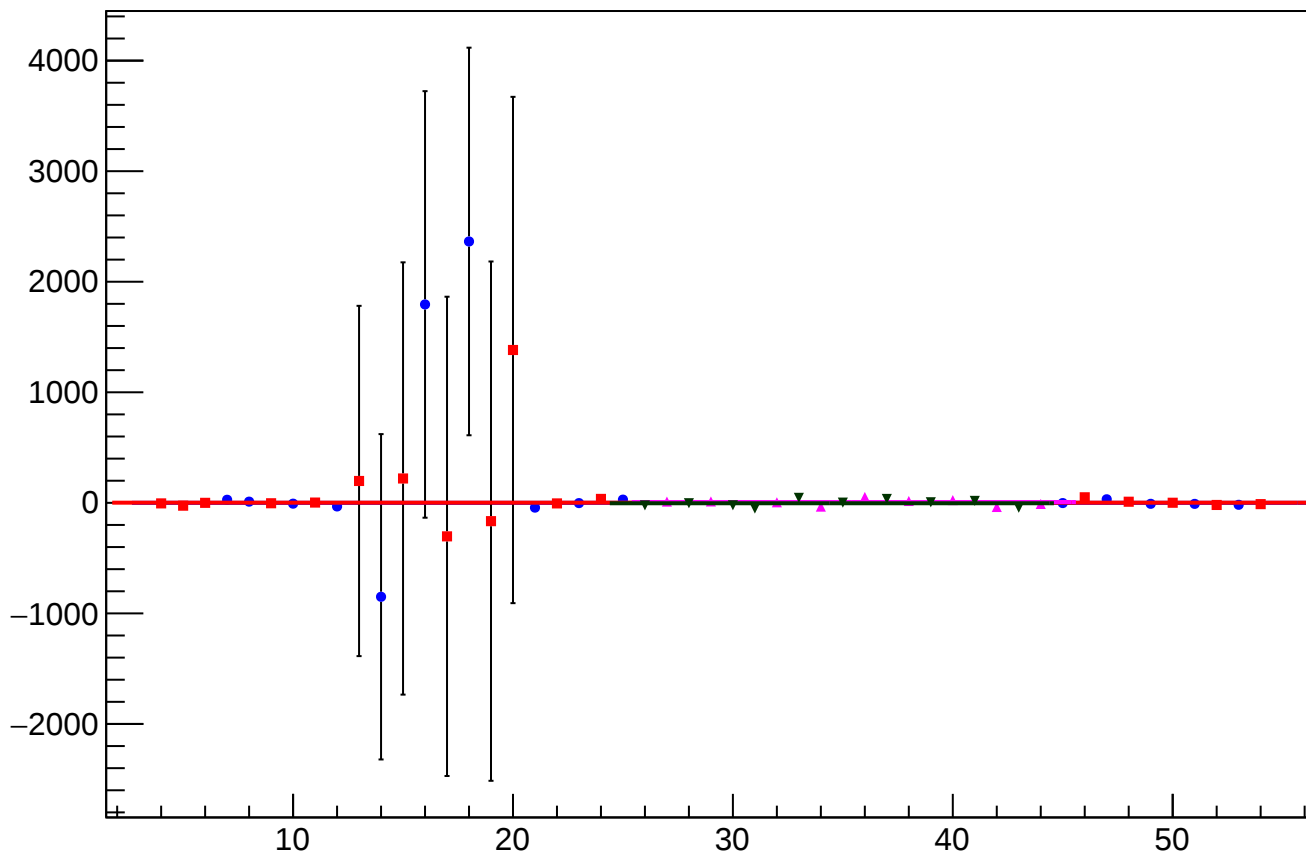
Right Out: 138.389+/-0.039 χ^2/NDF : 5251142.6/16

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

137.432+/-0.028 χ^2/NDF : 4829670.9/24

126.258+/-0.026 χ^2/NDF : 5808264.5/25

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -0.045+/-5.192 χ^2/NDF : 14.5/14

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

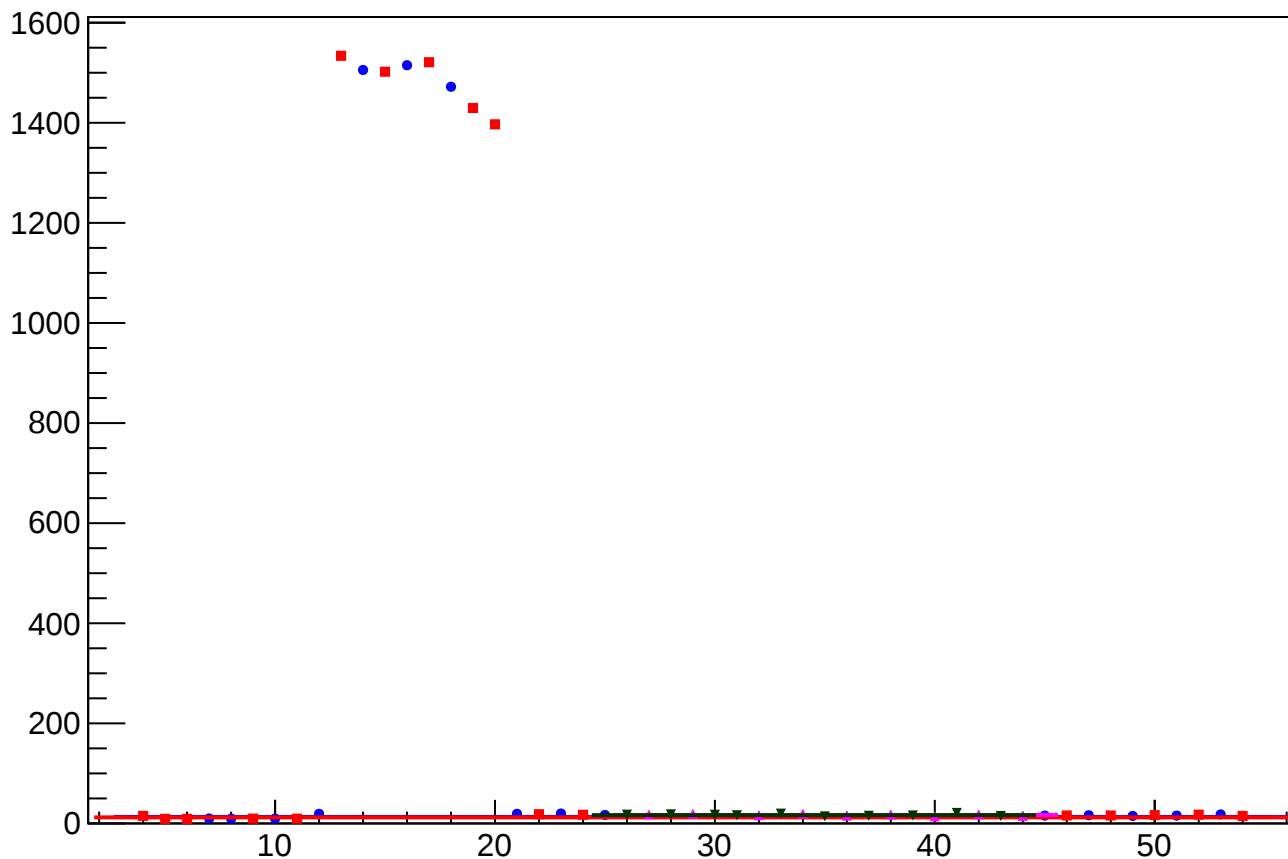
Right Out: 1.481+/-5.106 χ^2/NDF : 9.5/16

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

-1.259+/-4.256 χ^2/NDF : 29.2/24

3.445+/-4.211 χ^2/NDF : 20.4/25

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 12.848 $\pm$ 0.004 χ^2 /NDF: 5680998.8/14

Left Out: 16.582 $\pm$ 0.005 χ^2 /NDF:133569.4/9

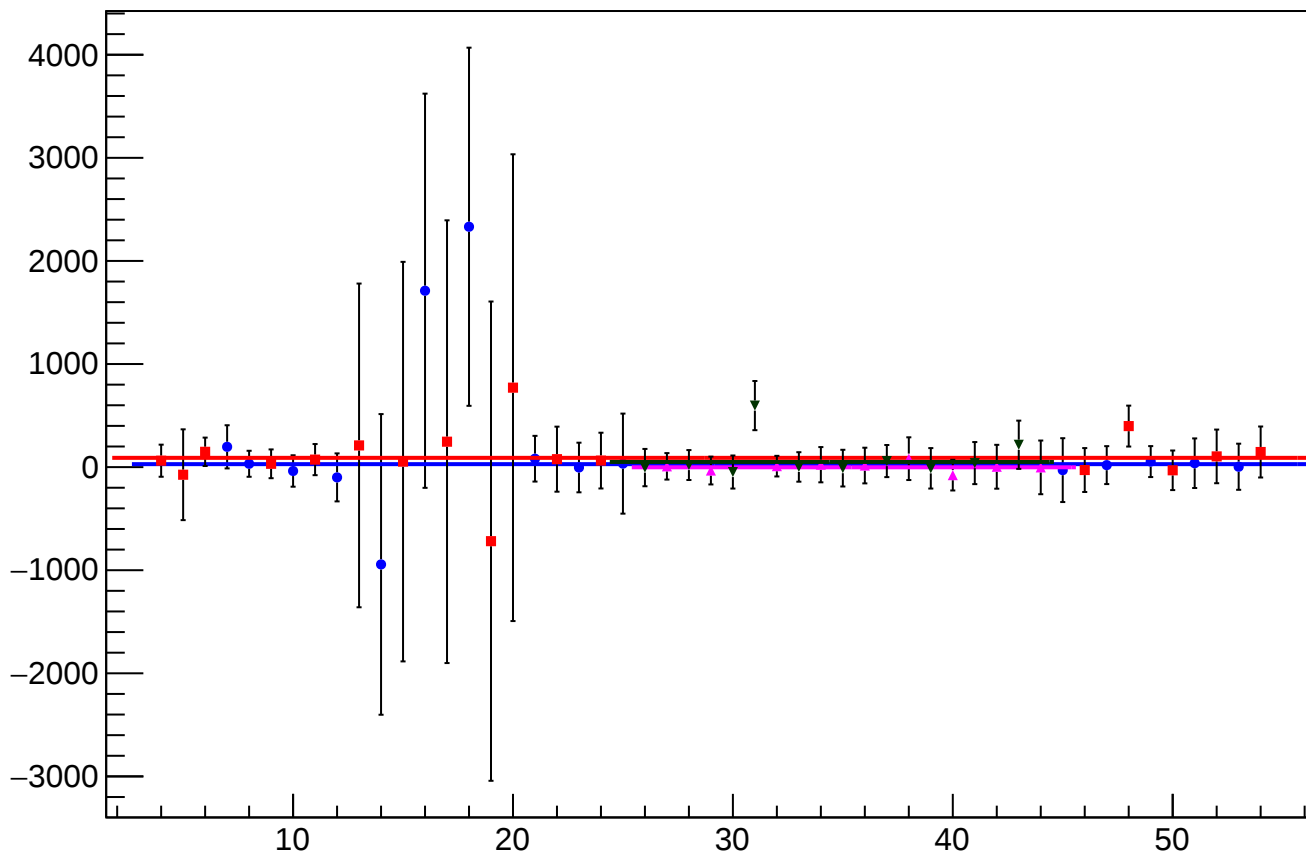
Right Out: 12.111 $\pm$ 0.004 χ^2 /NDF: 6344778.4/16

Left In: 16.955 $\pm$ 0.005 χ^2 /NDF:111170.8/8

14.073 $\pm$ 0.003 χ^2 /NDF: 6154034.0/24

13.662 $\pm$ 0.003 χ^2 /NDF: 7032055.9/25

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 28.828+/-56.634 χ^2/NDF : 4.3/14

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

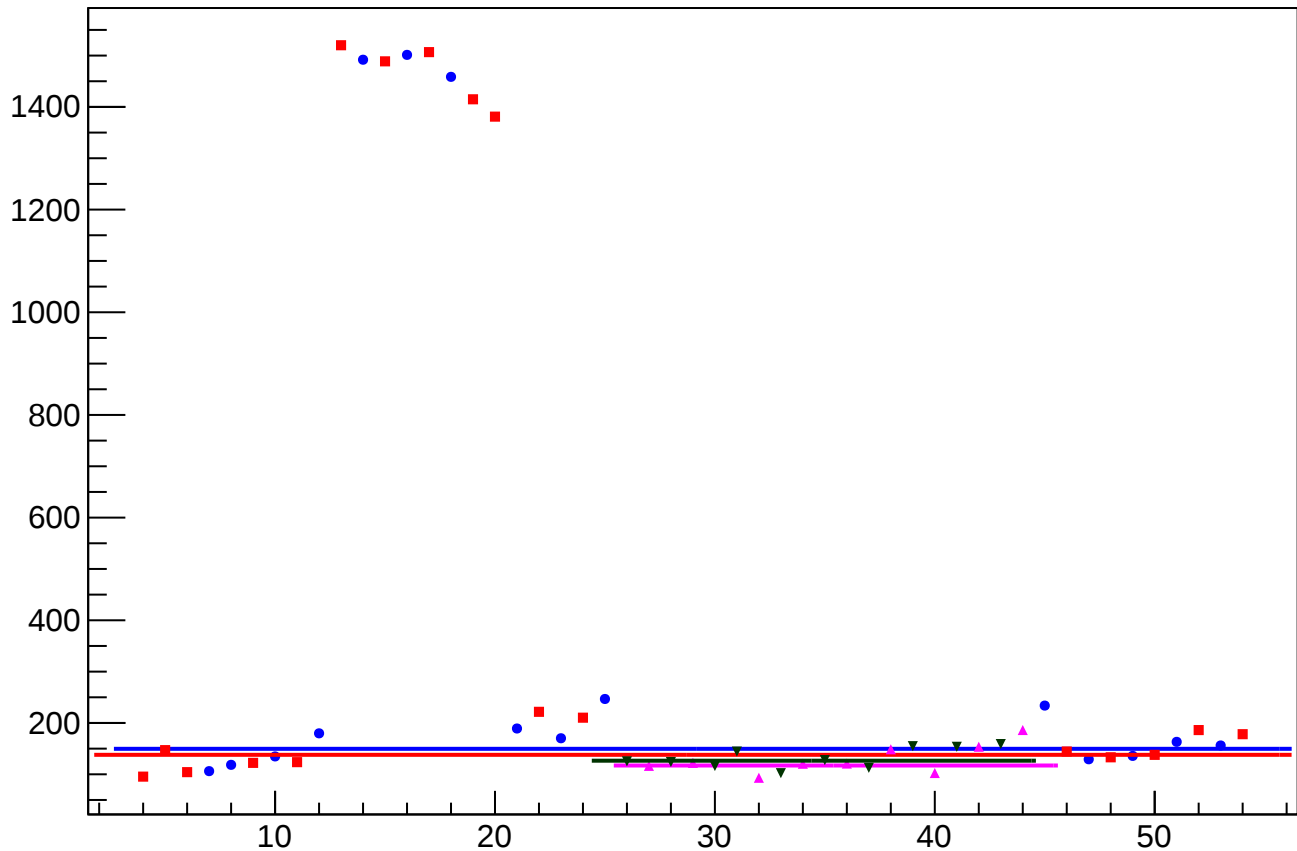
Right Out: 90.013+/-55.469 χ^2/NDF : 3.9/16

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

39.682+/-39.647 χ^2/NDF : 10.9/24

40.056+/-37.435 χ^2/NDF : 6.0/25

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 149.644+/-0.040 χ^2/NDF : 4447213.7/14

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

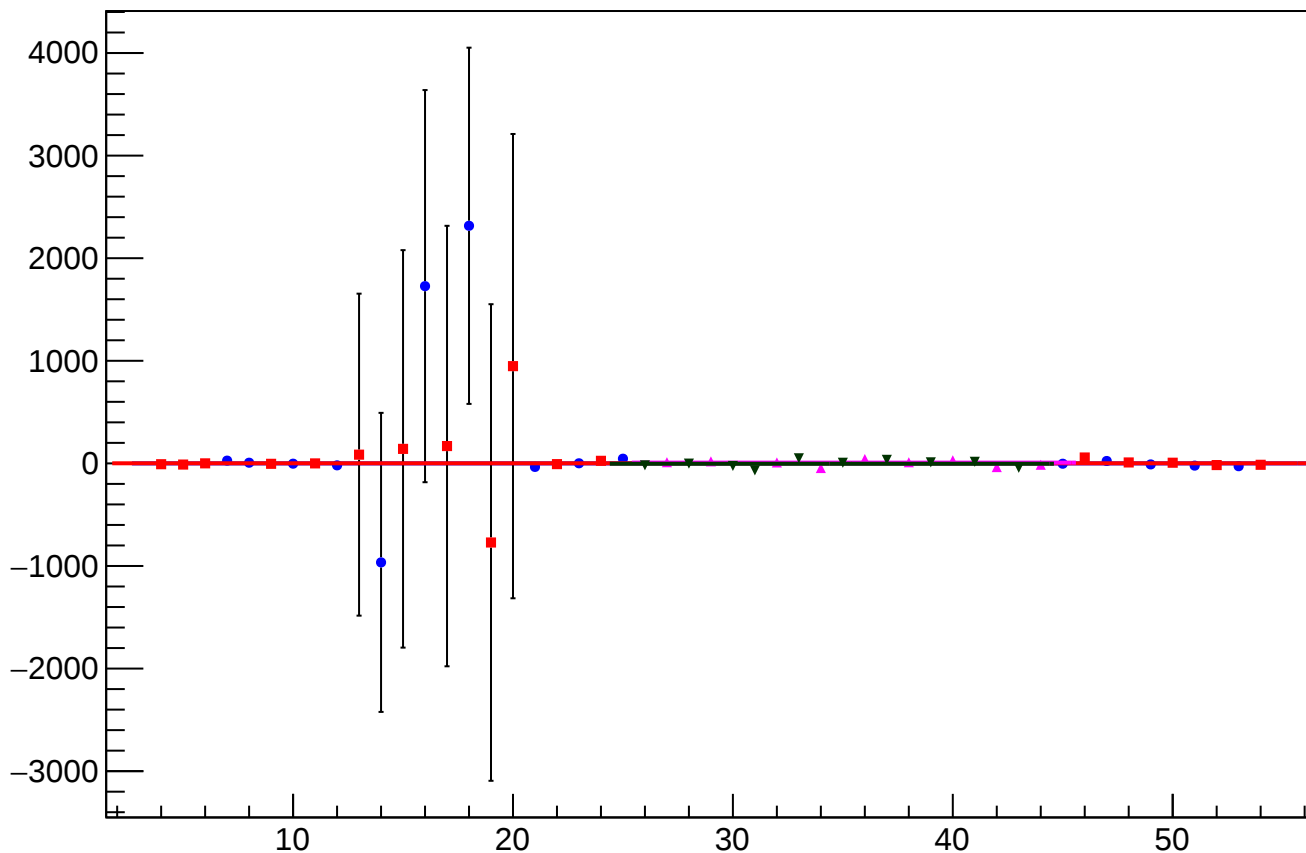
Right Out: 137.944+/-0.039 χ^2/NDF : 5262728.3/16

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

137.841+/-0.028 χ^2/NDF : 4826750.9/24

126.616+/-0.026 χ^2/NDF : 5800621.5/25

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -0.123+/-4.801 χ^2/NDF : 13.7/14

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

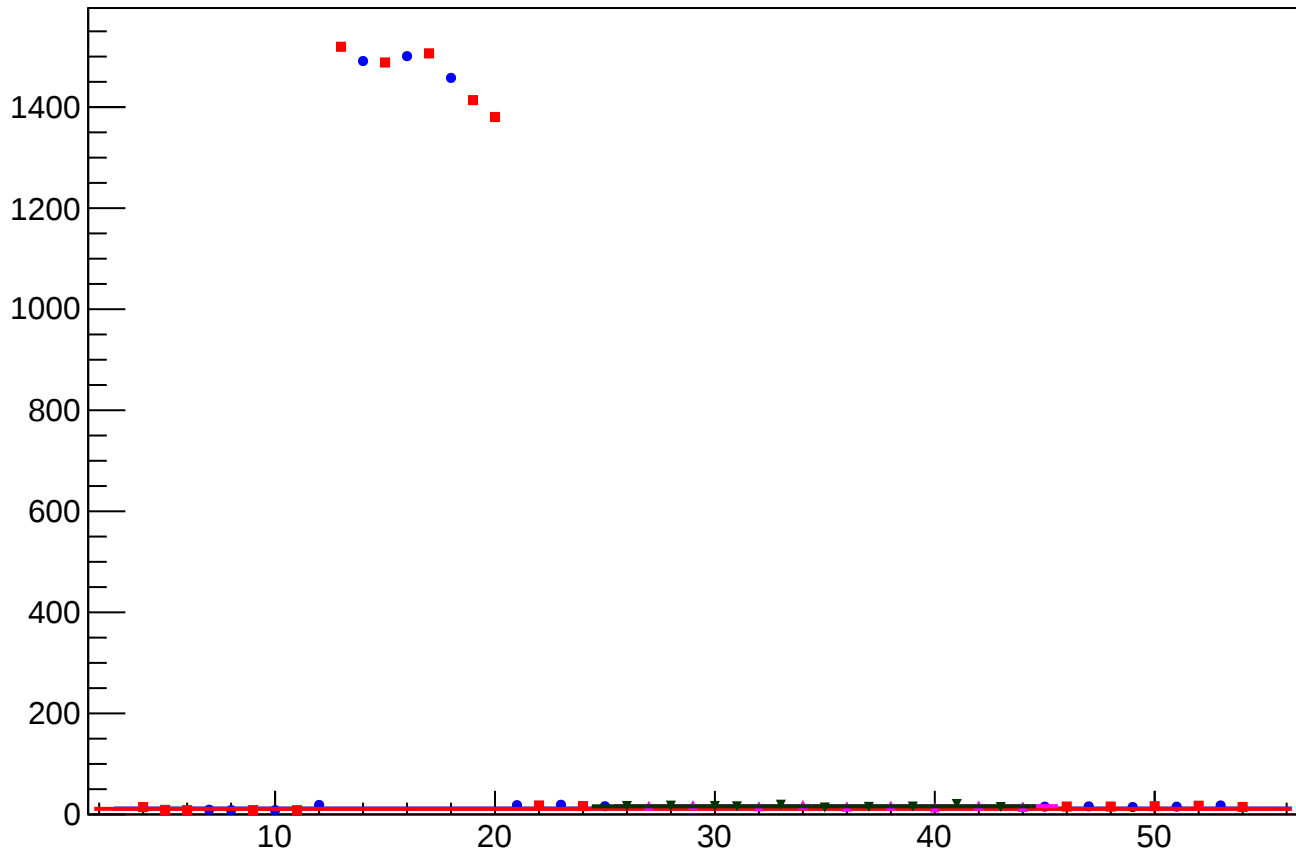
Right Out: 1.014+/-4.738 χ^2/NDF : 9.3/16

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

-1.091+/-4.002 χ^2/NDF : 32.0/24

3.001+/-3.967 χ^2/NDF : 21.3/25

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 11.696 $\pm$ 0.003 χ^2 /NDF: 6009895.4/14

Left Out: 16.136 $\pm$ 0.005 χ^2 /NDF:128057.2/9

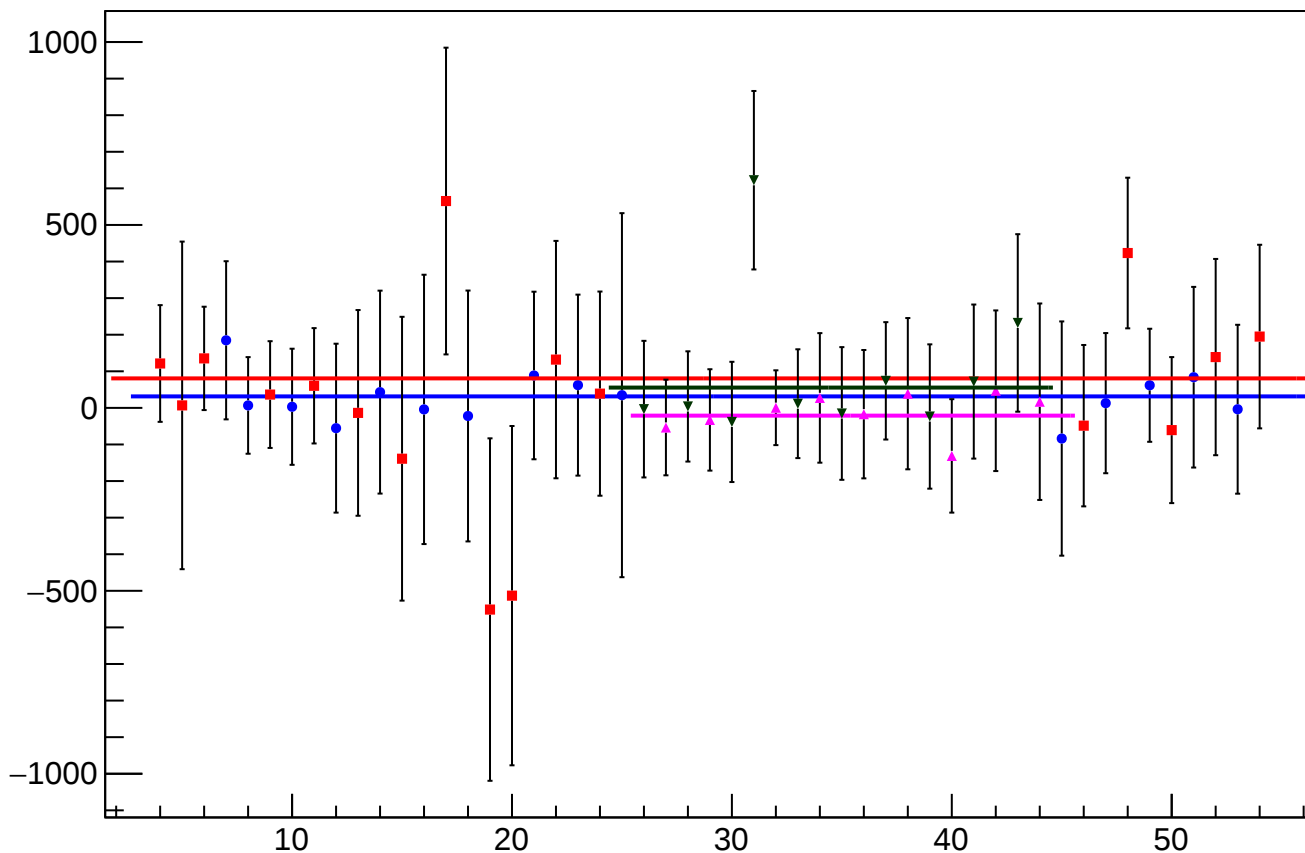
13.051 $\pm$ 0.003 χ^2 /NDF: 6660134.8/24

Right Out: 11.101 $\pm$ 0.003 χ^2 /NDF: 6588413.5/16

12.716 $\pm$ 0.003 χ^2 /NDF: 7467974.7/25

Left In: 16.504 $\pm$ 0.005 χ^2 /NDF:102198.9/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 31.403+/-55.930 χ^2/NDF : 1.1/14

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

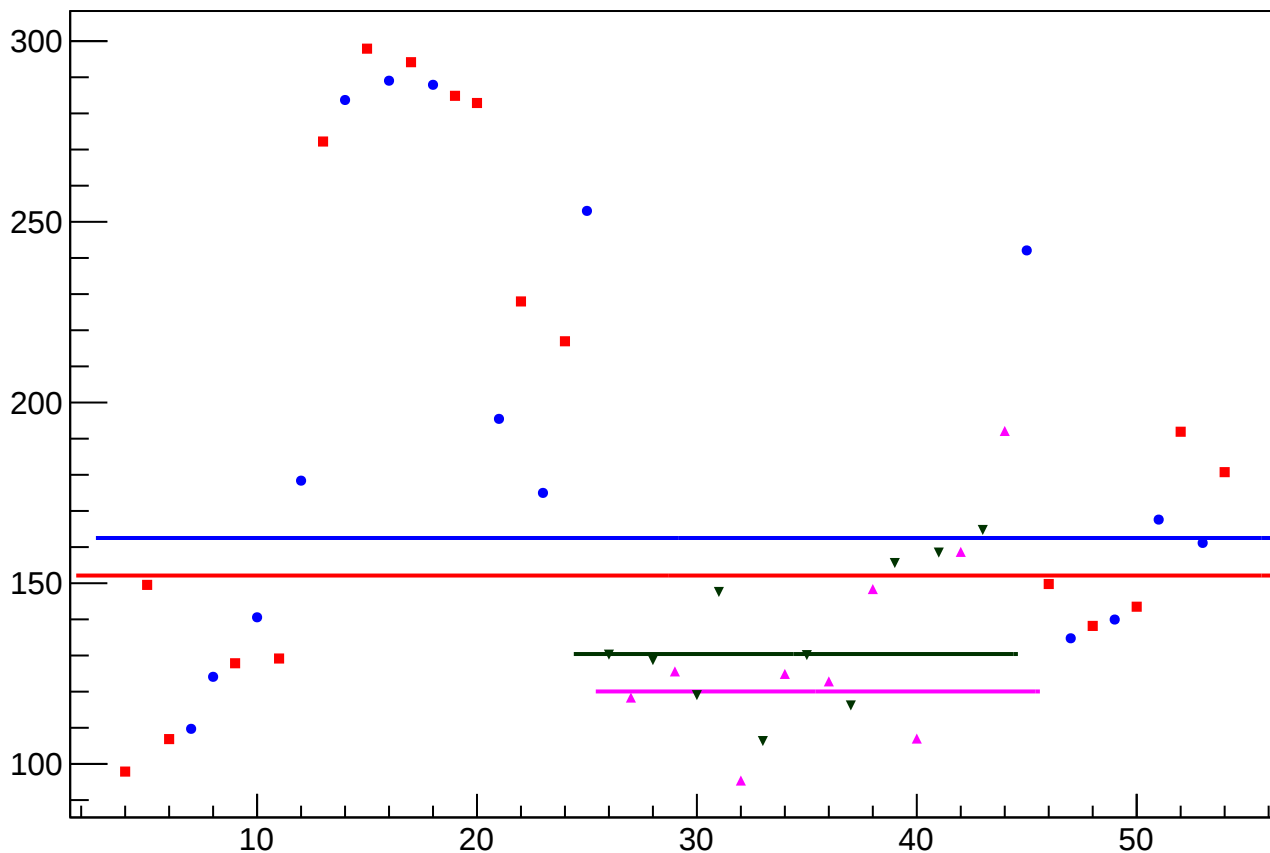
Right Out: 80.612+/-54.454 χ^2/NDF : 9.5/16

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

43.197+/-39.967 χ^2/NDF : 8.1/24

27.343+/-37.594 χ^2/NDF : 12.2/25

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.517+/-0.040 χ^2/NDF : 1544036.2/14

Left Out: 130.412+/-0.040 χ^2/NDF :196128.5/9

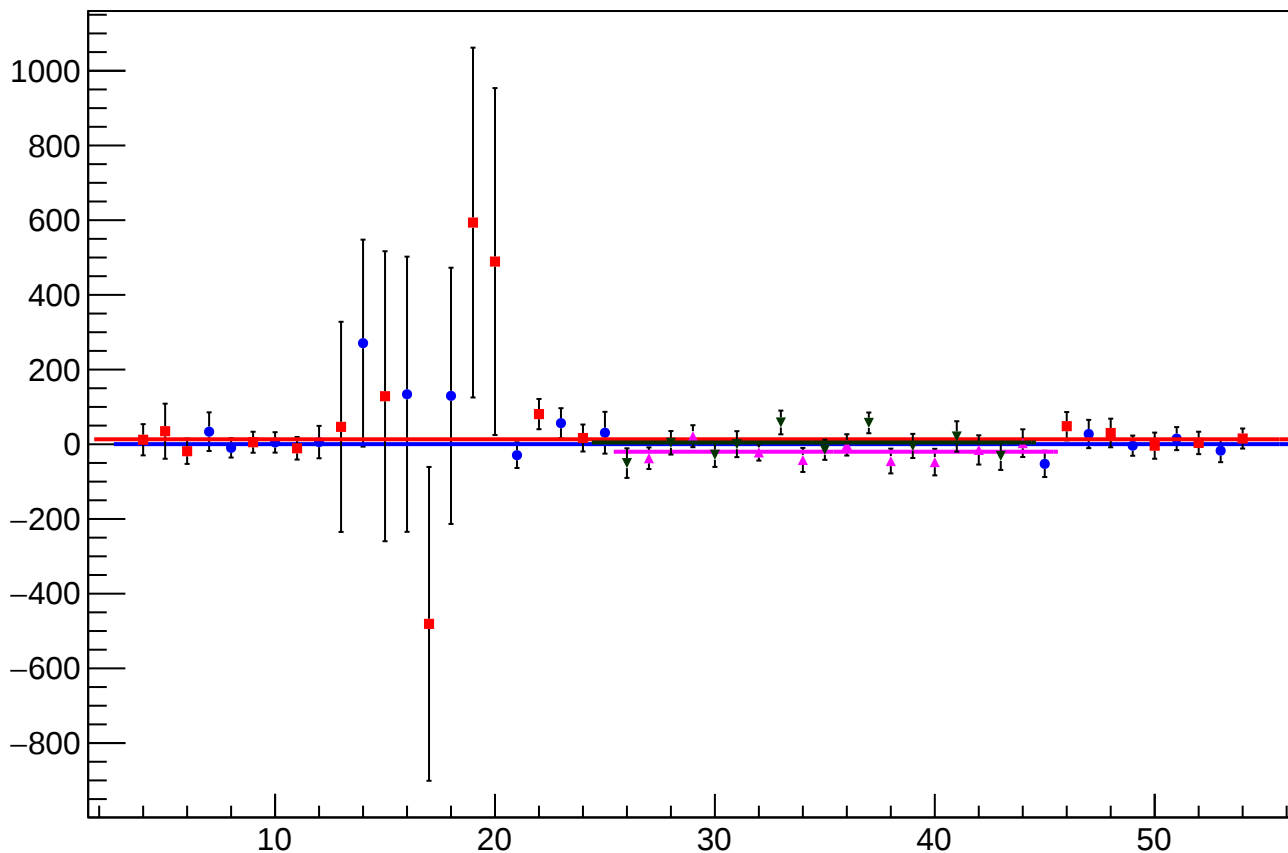
146.806+/-0.028 χ^2/NDF : 2062659.1/24

Right Out: 152.129+/-0.039 χ^2/NDF : 2031810.8/16

135.342+/-0.027 χ^2/NDF : 2774573.1/25

Left In: 120.053+/-0.037 χ^2/NDF :379558.3/8

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.352 ± 9.745 $\chi^2/\text{NDF}: 8.2/14$

Left Out: 4.706 ± 10.341 $\chi^2/\text{NDF}: 11.1/9$

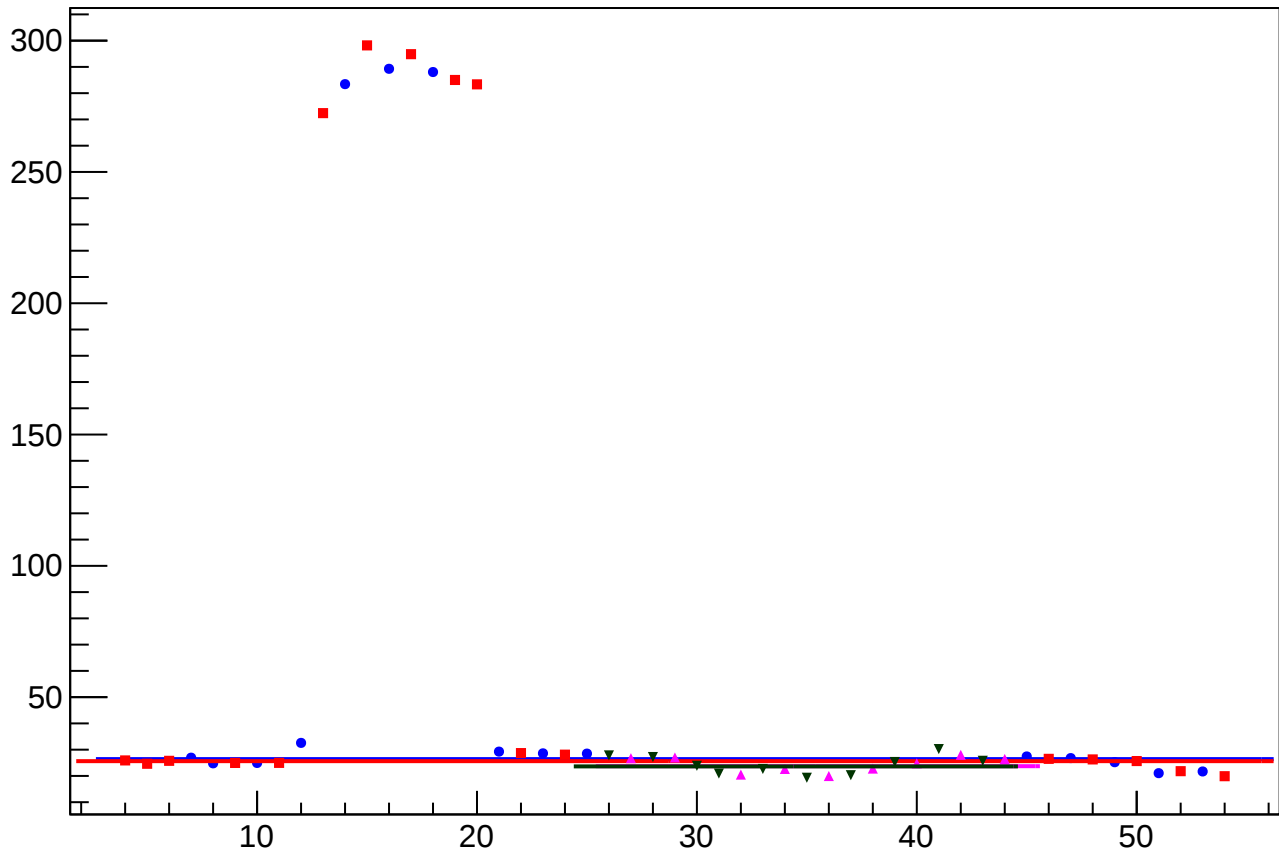
2.400 ± 7.092 $\chi^2/\text{NDF}: 19.4/24$

Right Out: 13.372 ± 9.955 $\chi^2/\text{NDF}: 9.9/16$

-2.994 ± 7.104 $\chi^2/\text{NDF}: 20.3/25$

Left In: -19.983 ± 10.142 $\chi^2/\text{NDF}: 4.8/8$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 26.404 $\pm$ 0.007 χ^2 /NDF: 4092955.1/14

Left Out: 23.629 $\pm$ 0.007 χ^2 /NDF:207433.9/9

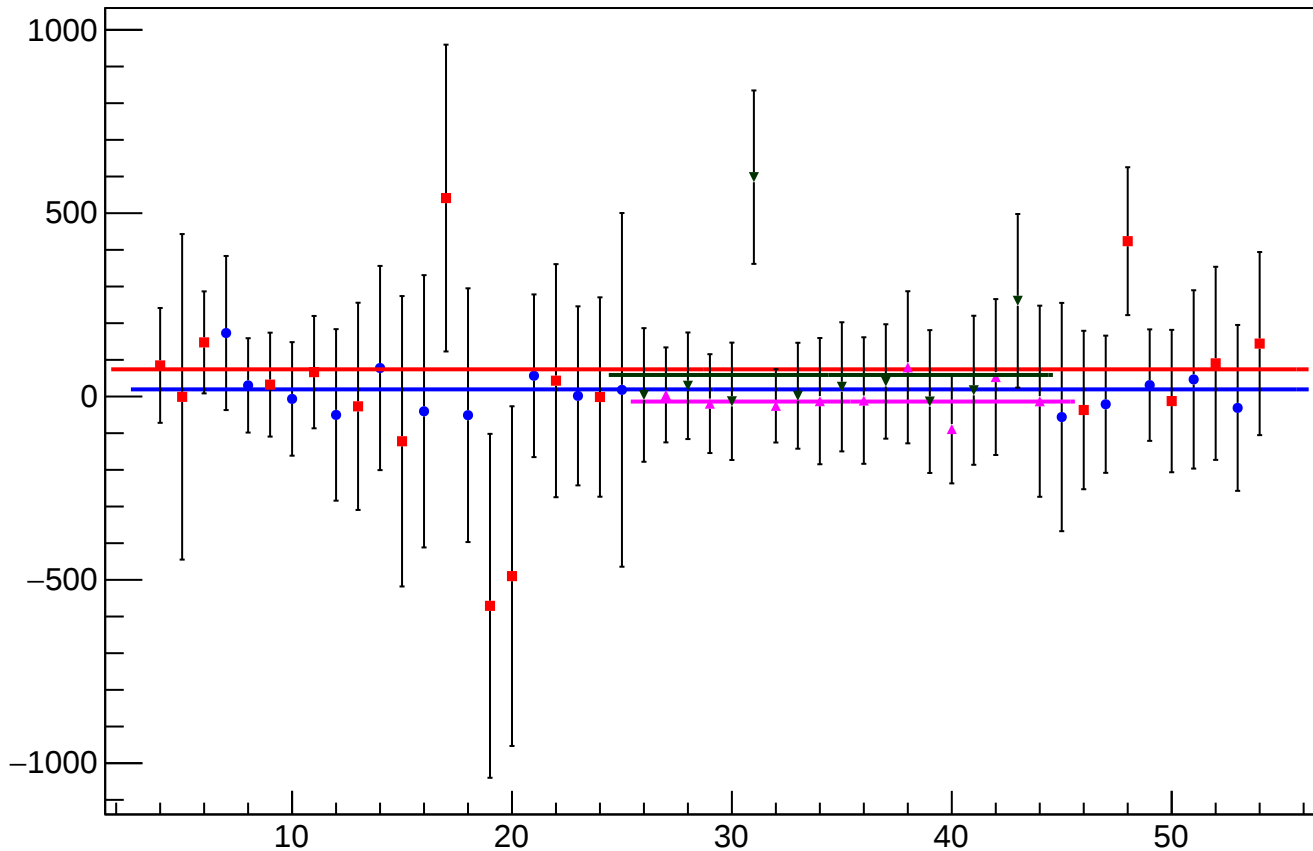
25.099 $\pm$ 0.005 χ^2 /NDF: 4376709.0/24

Right Out: 25.626 $\pm$ 0.007 χ^2 /NDF: 4724093.9/16

24.686 $\pm$ 0.005 χ^2 /NDF: 4926308.8/25

Left In: 23.710 $\pm$ 0.007 χ^2 /NDF:165851.2/8

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 19.486+/-54.921 χ^2/NDF : 1.0/14

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

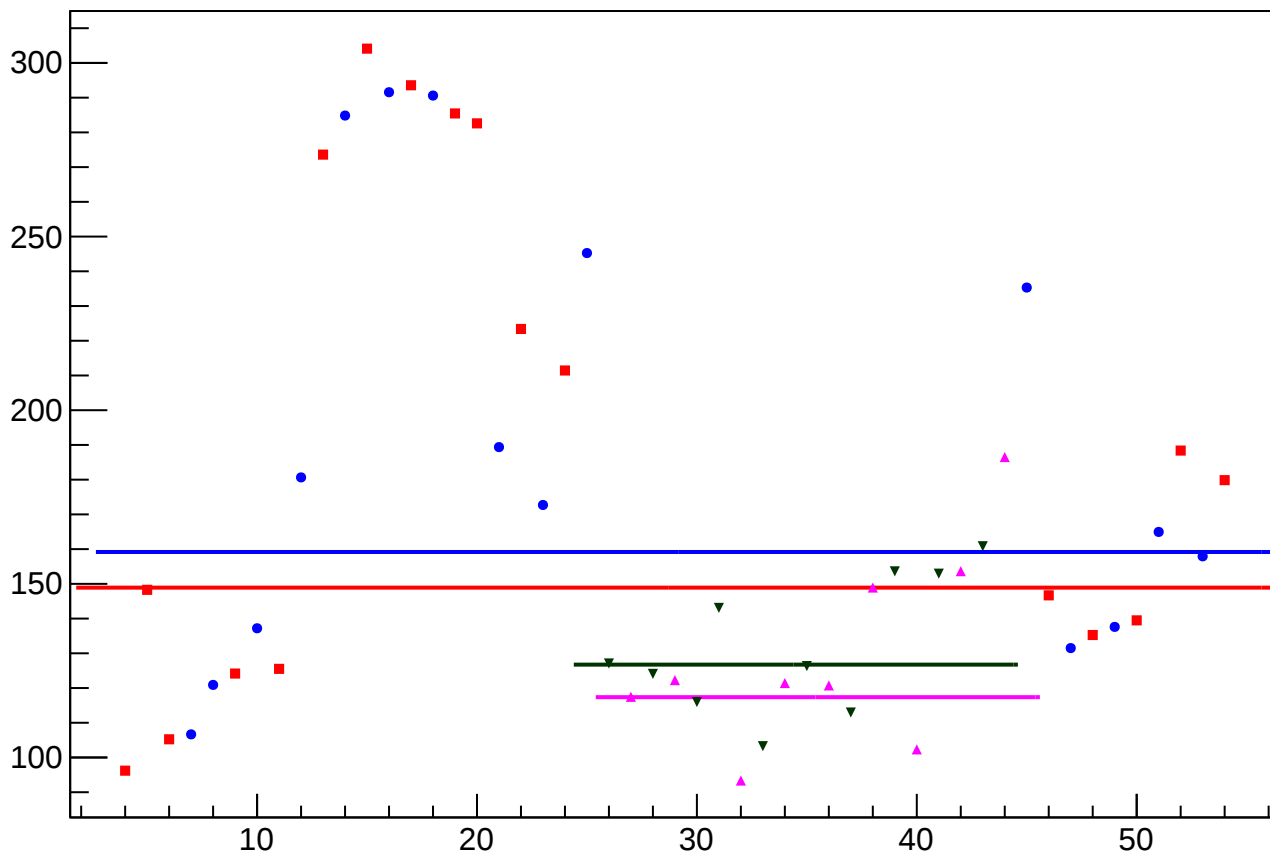
Right Out: 74.160+/-53.439 χ^2/NDF : 9.0/16

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

38.922+/-39.056 χ^2/NDF : 7.9/24

28.003+/-36.822 χ^2/NDF : 11.0/25

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 159.177 ± 0.039 χ^2/NDF : 1621026.6/14

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

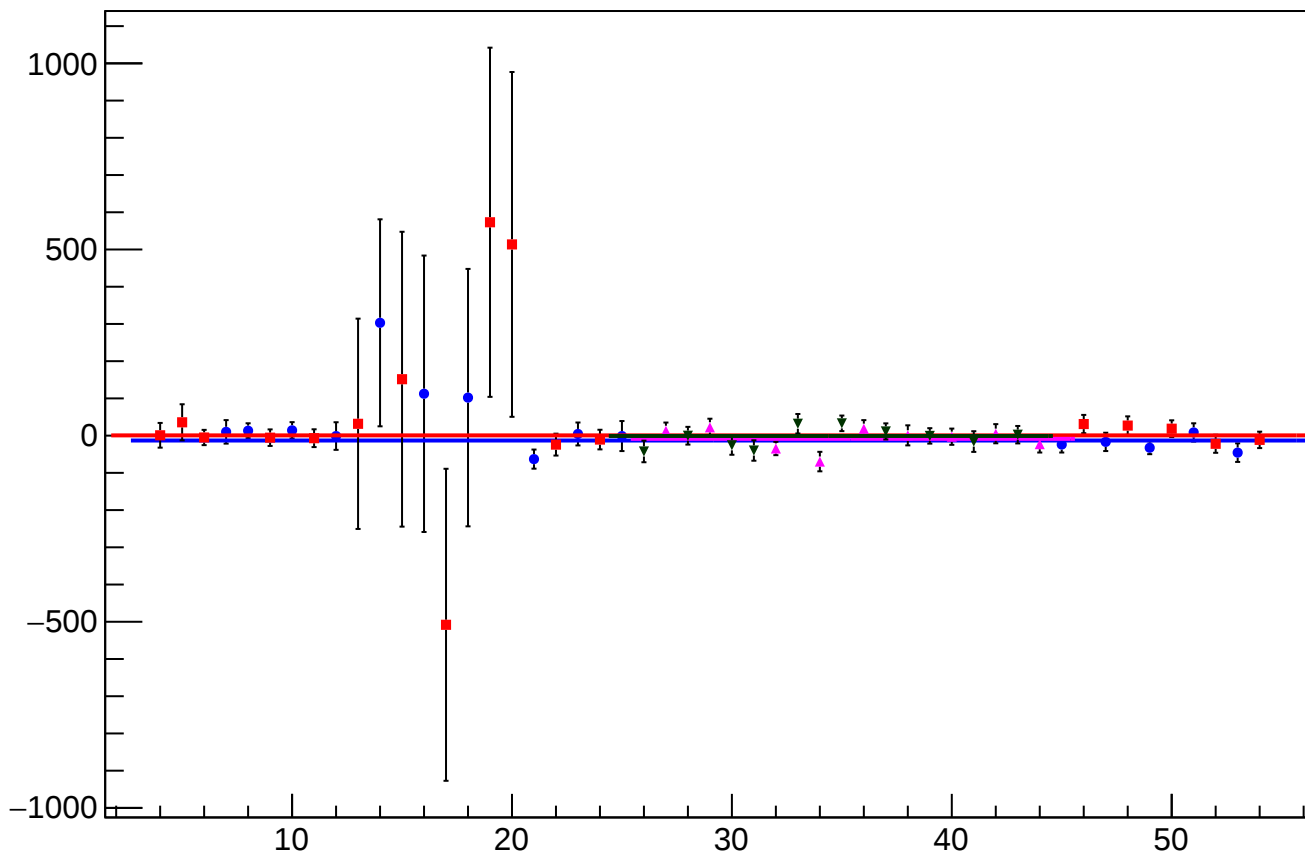
143.144 ± 0.028 χ^2/NDF : 2166354.8/24

Right Out: 148.911 ± 0.038 χ^2/NDF : 2108481.4/16

132.346 ± 0.026 χ^2/NDF : 2859899.9/25

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: -13.120 ± 7.078 χ^2/NDF : 13.7/14

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

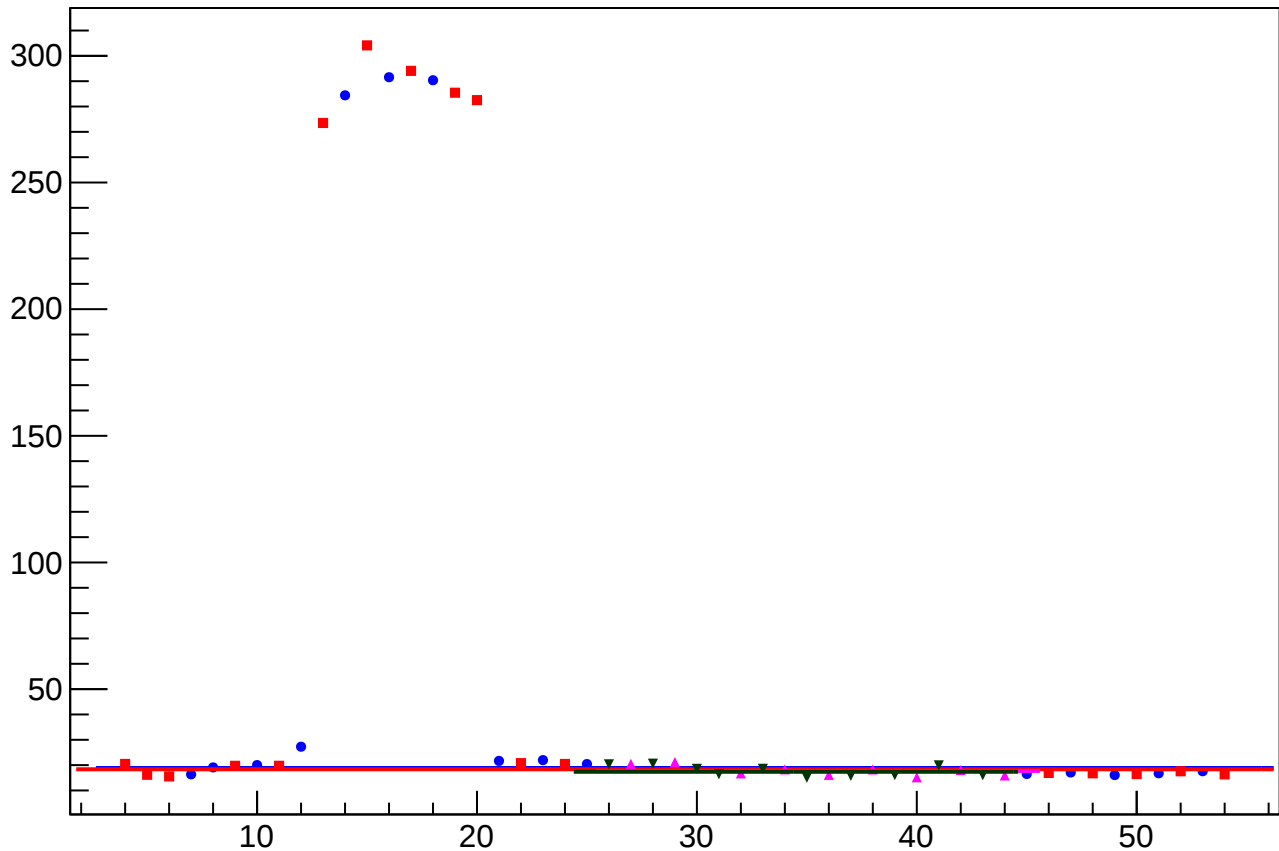
Right Out: 0.666 ± 7.228 χ^2/NDF : 10.5/16

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

-7.470 ± 5.192 χ^2/NDF : 24.9/24

-3.746 ± 5.239 χ^2/NDF : 23.8/25

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 18.858 $\pm$ 0.005 χ^2 /NDF: 4411657.4/14

Left Out: 17.382 $\pm$ 0.005 χ^2 /NDF:136187.2/9

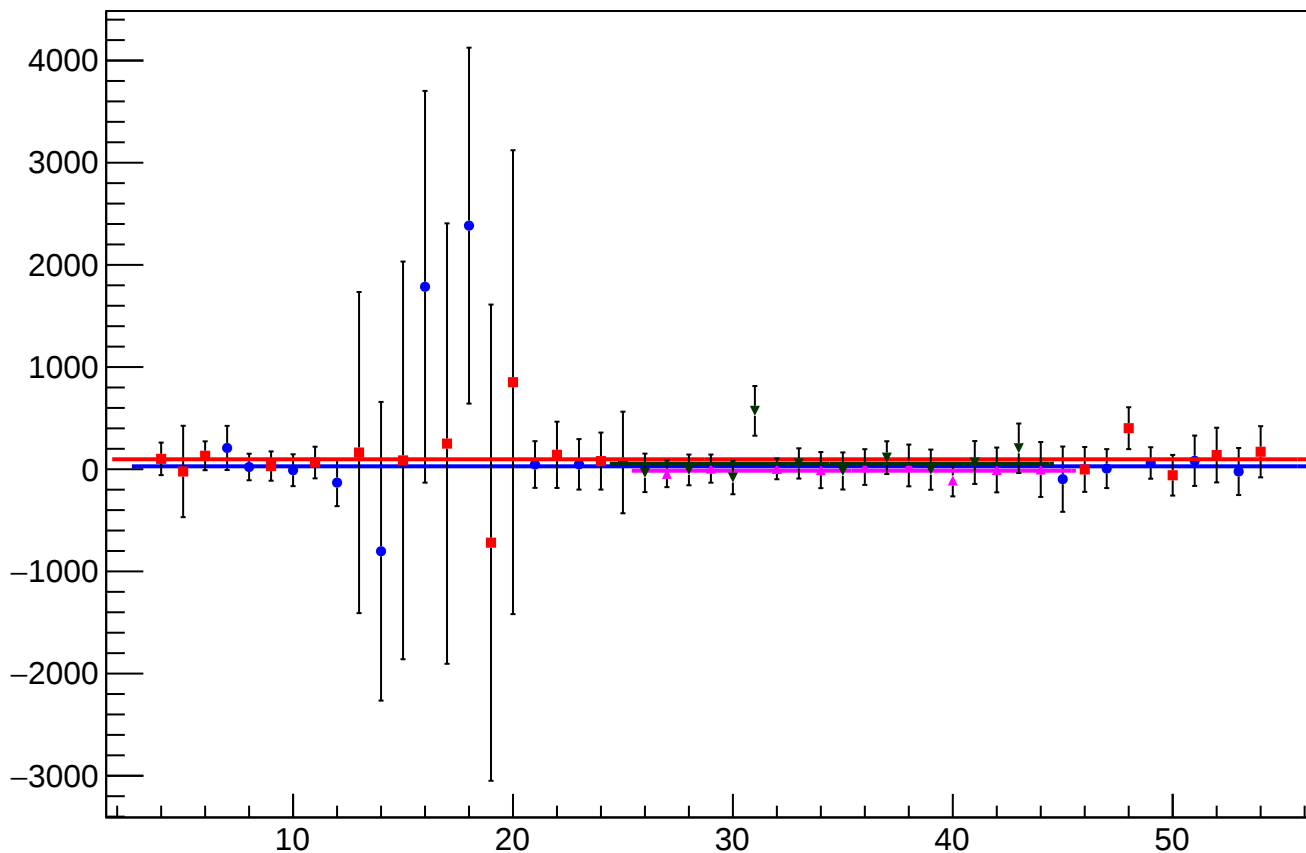
18.176 $\pm$ 0.004 χ^2 /NDF: 4588034.8/24

Right Out: 18.368 $\pm$ 0.005 χ^2 /NDF: 4977128.1/16

18.048 $\pm$ 0.004 χ^2 /NDF: 5119336.7/25

Left In: 17.695 $\pm$ 0.005 χ^2 /NDF:133973.4/8

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 28.572 $\pm$ 58.113 χ^2 /NDF: 4.6/14

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

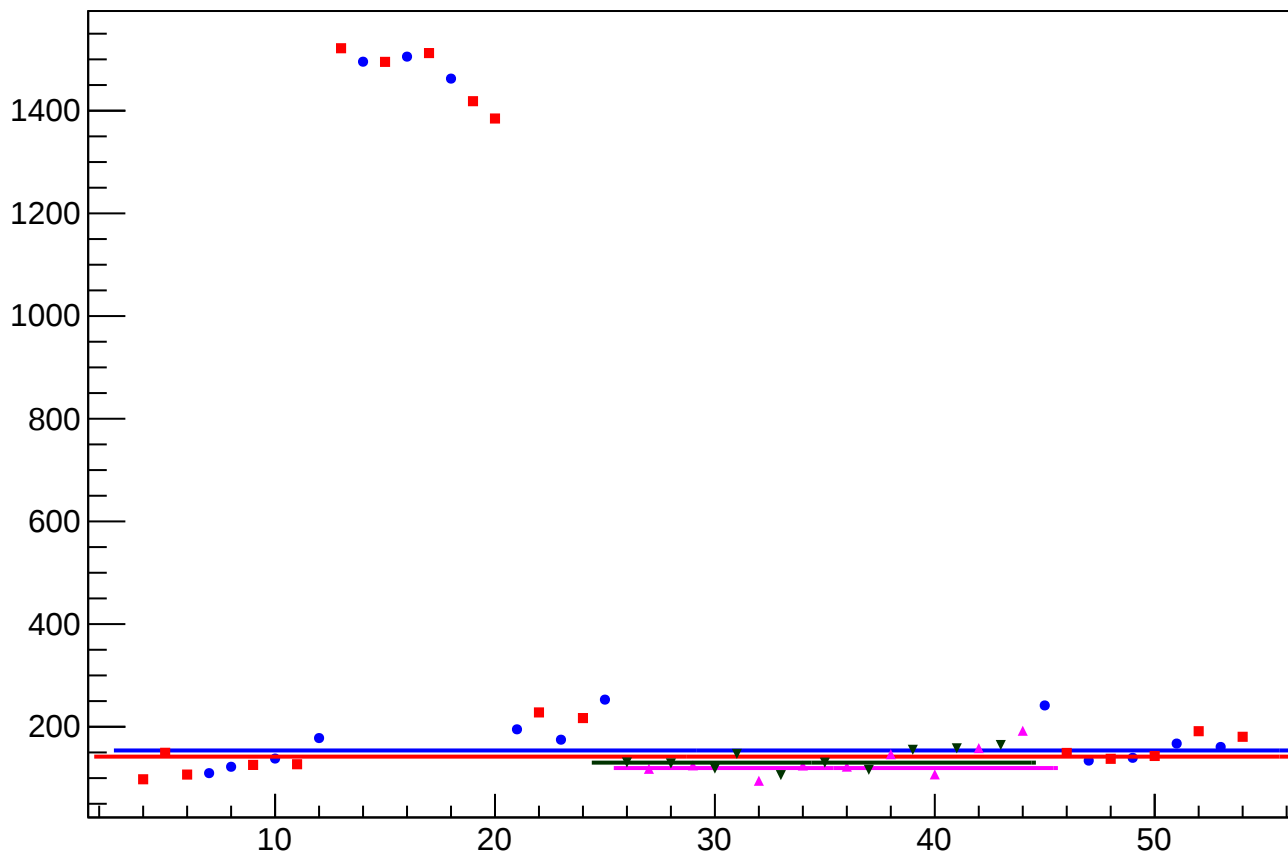
Right Out: 97.306 $\pm$ 56.970 χ^2 /NDF: 3.8/16

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

41.729 $\pm$ 40.714 χ^2 /NDF: 11.0/24

36.105 $\pm$ 38.315 χ^2 /NDF: 6.5/25

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 153.861+/-0.041 χ^2/NDF : 4409632.9/14

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

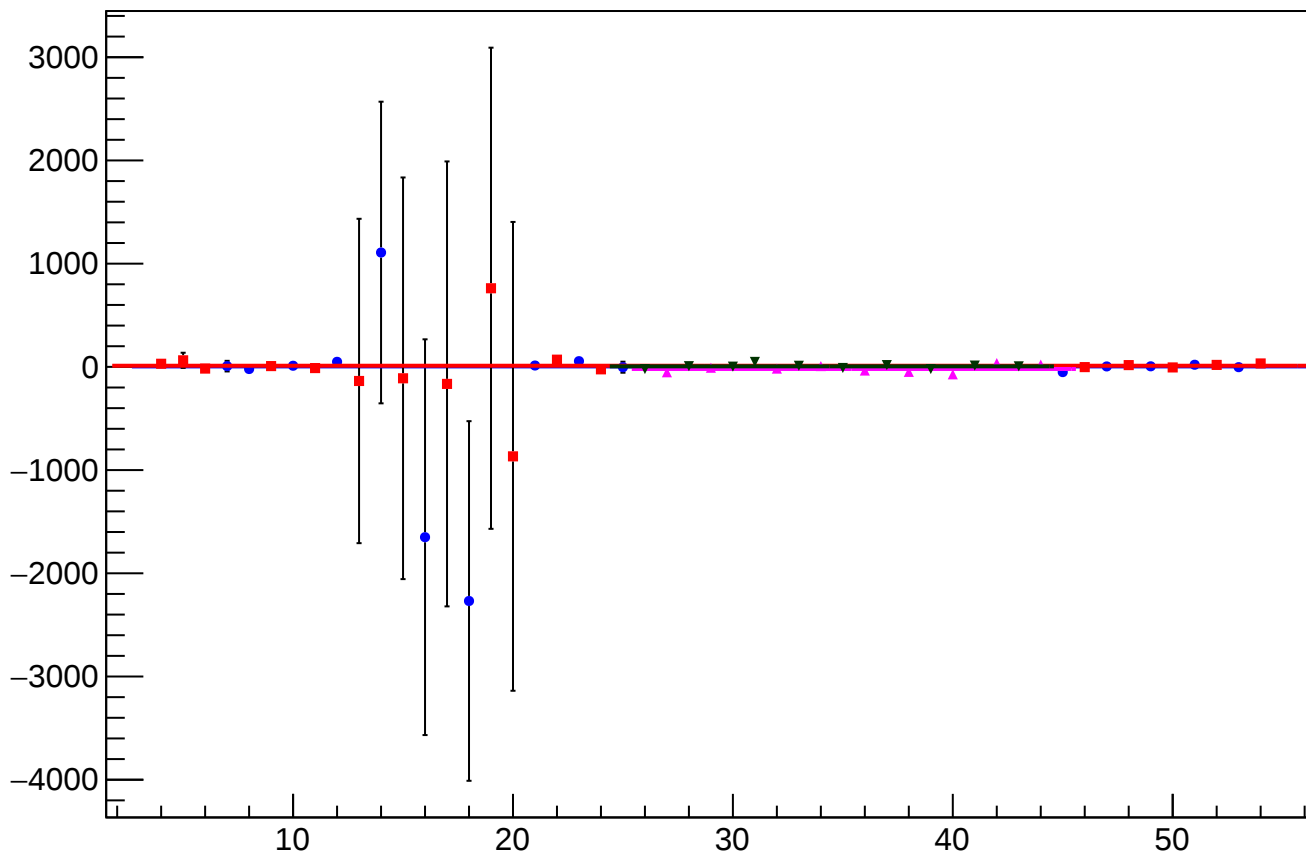
Right Out: 141.848+/-0.040 χ^2/NDF : 5242571.6/16

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

141.786+/-0.029 χ^2/NDF : 4776368.6/24

129.658+/-0.027 χ^2/NDF : 5790463.3/25

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 4.362 $\pm$ 9.421 χ^2 /NDF: 10.1/14

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

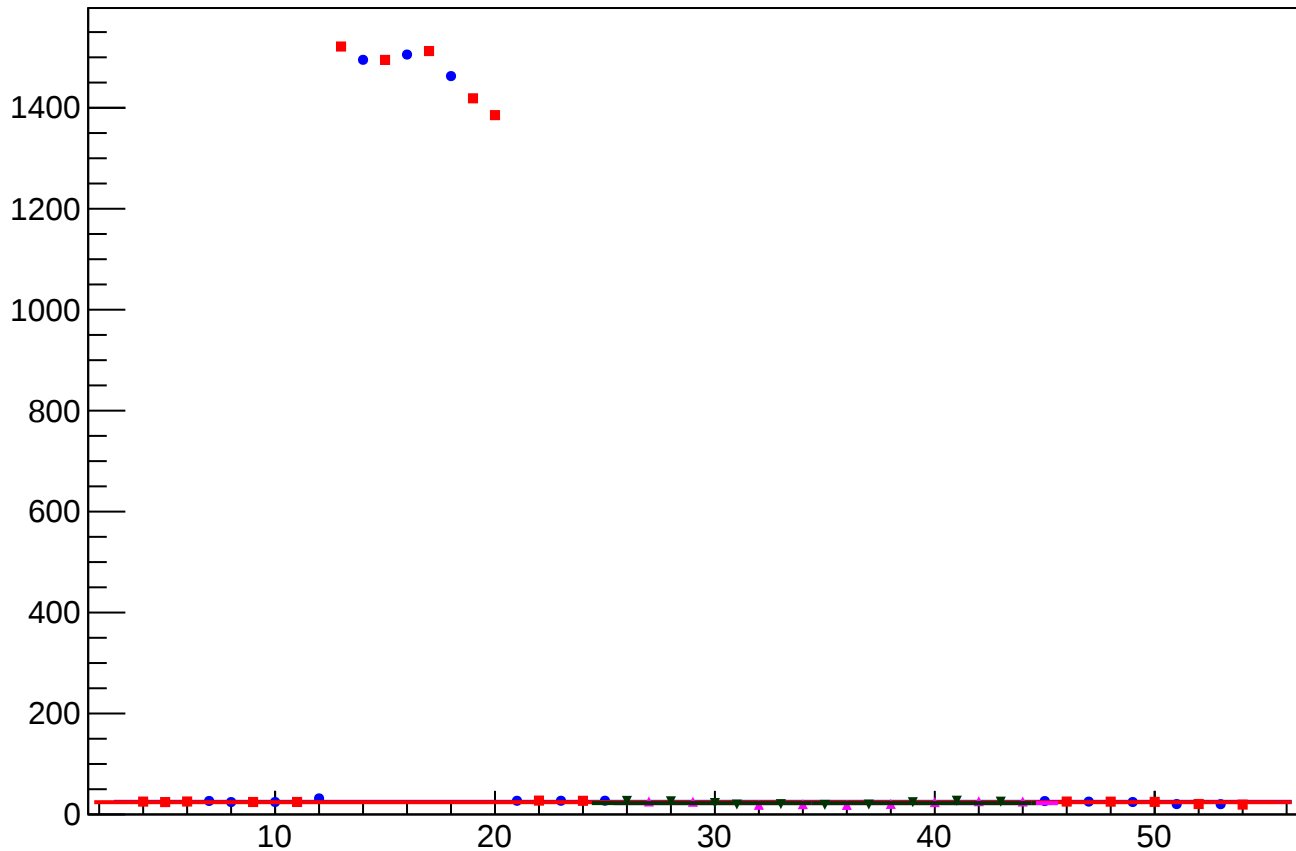
Right Out: 10.946 $\pm$ 9.706 χ^2 /NDF: 6.8/16

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

4.735 $\pm$ 6.787 χ^2 /NDF: 13.7/24

-5.122 $\pm$ 6.784 χ^2 /NDF: 21.9/25

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.007 $\pm$ 0.007 χ^2 /NDF: 4753298.8/14

Left Out: 22.469 $\pm$ 0.007 χ^2 /NDF:192593.7/9

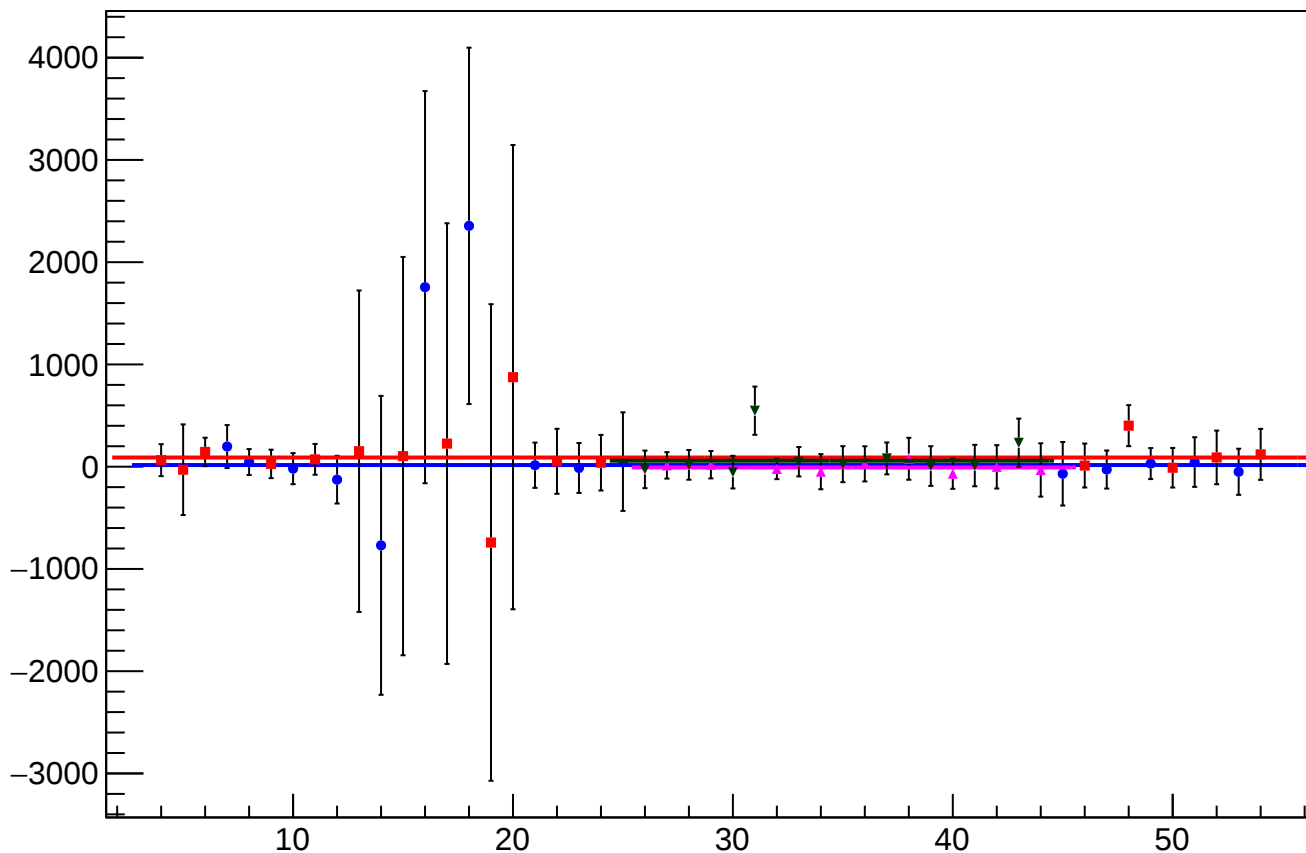
Right Out: 24.308 $\pm$ 0.007 χ^2 /NDF: 5479303.9/16

Left In: 22.294 $\pm$ 0.007 χ^2 /NDF:193997.0/8

23.786 $\pm$ 0.005 χ^2 /NDF: 5015717.0/24

23.278 $\pm$ 0.005 χ^2 /NDF: 5717331.9/25

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 16.084+/-56.912 χ^2/NDF : 4.4/14

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

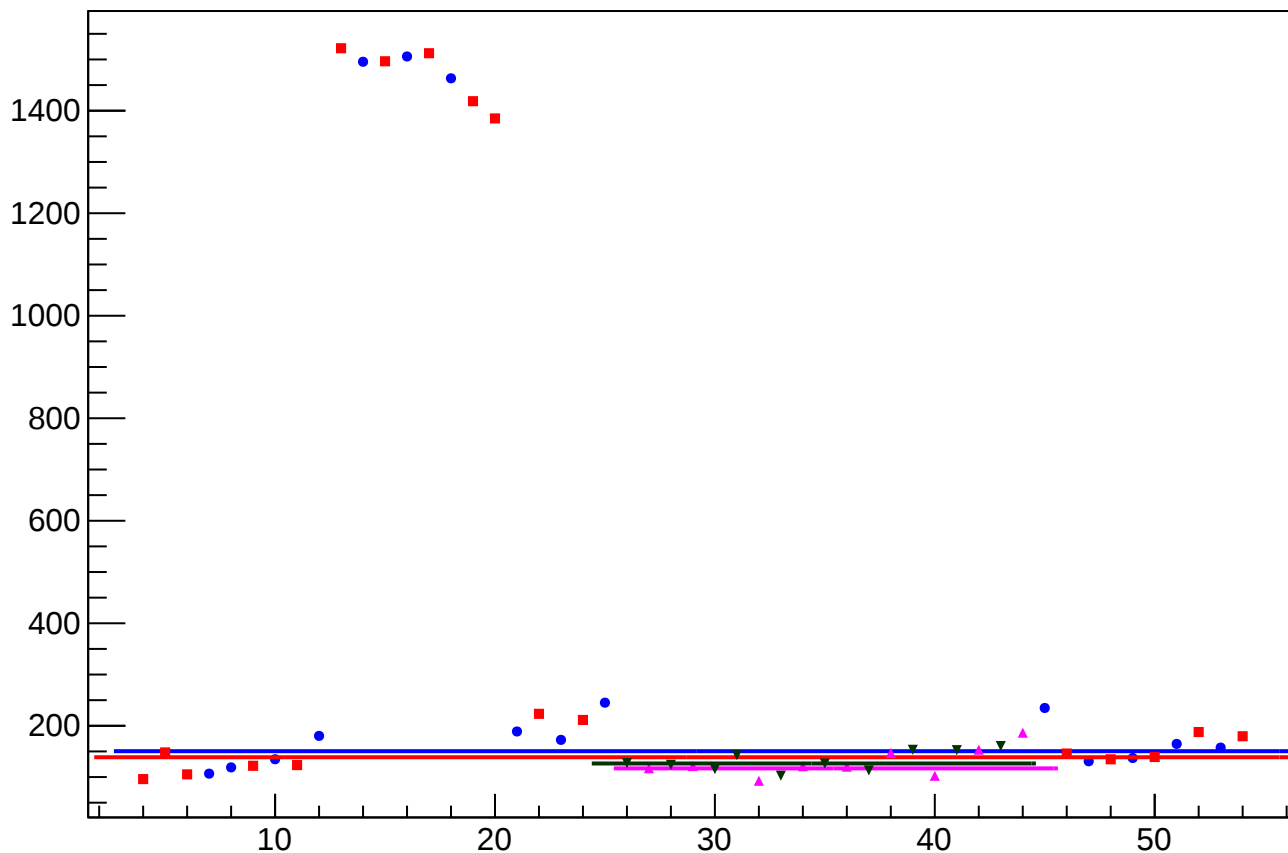
Right Out: 89.811+/-55.744 χ^2/NDF : 3.6/16

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

37.724+/-39.724 χ^2/NDF : 10.5/24

36.560+/-37.473 χ^2/NDF : 5.8/25

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 150.459+/-0.040 χ^2/NDF : 4441313.8/14

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

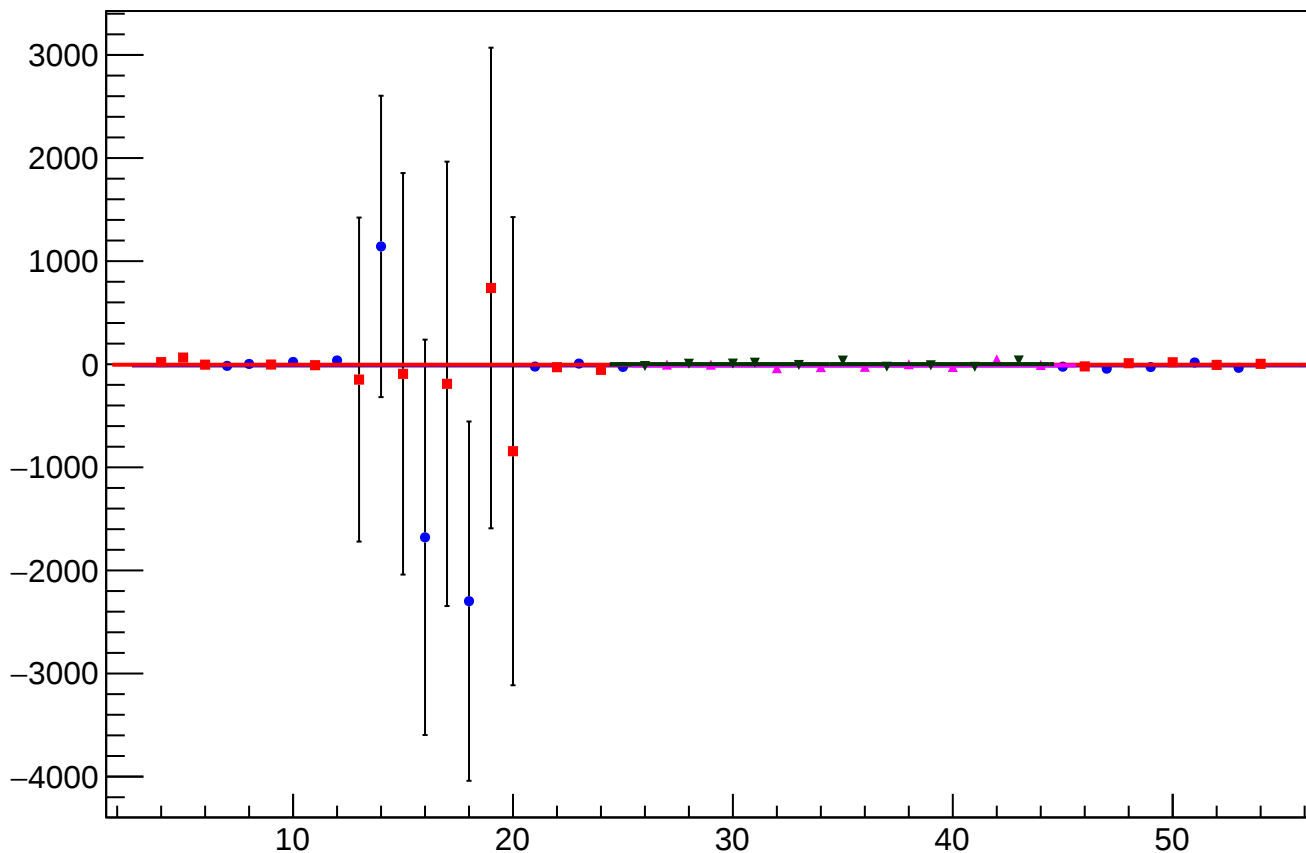
Right Out: 138.645+/-0.039 χ^2/NDF : 5266010.6/16

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

138.153+/-0.028 χ^2/NDF : 4825295.8/24

126.731+/-0.026 χ^2/NDF : 5819226.4/25

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -11.704 $\pm$ 6.664 χ^2 /NDF: 14.6/14

Left Out: 1.404 $\pm$ 7.049 χ^2 /NDF: 9.5/9

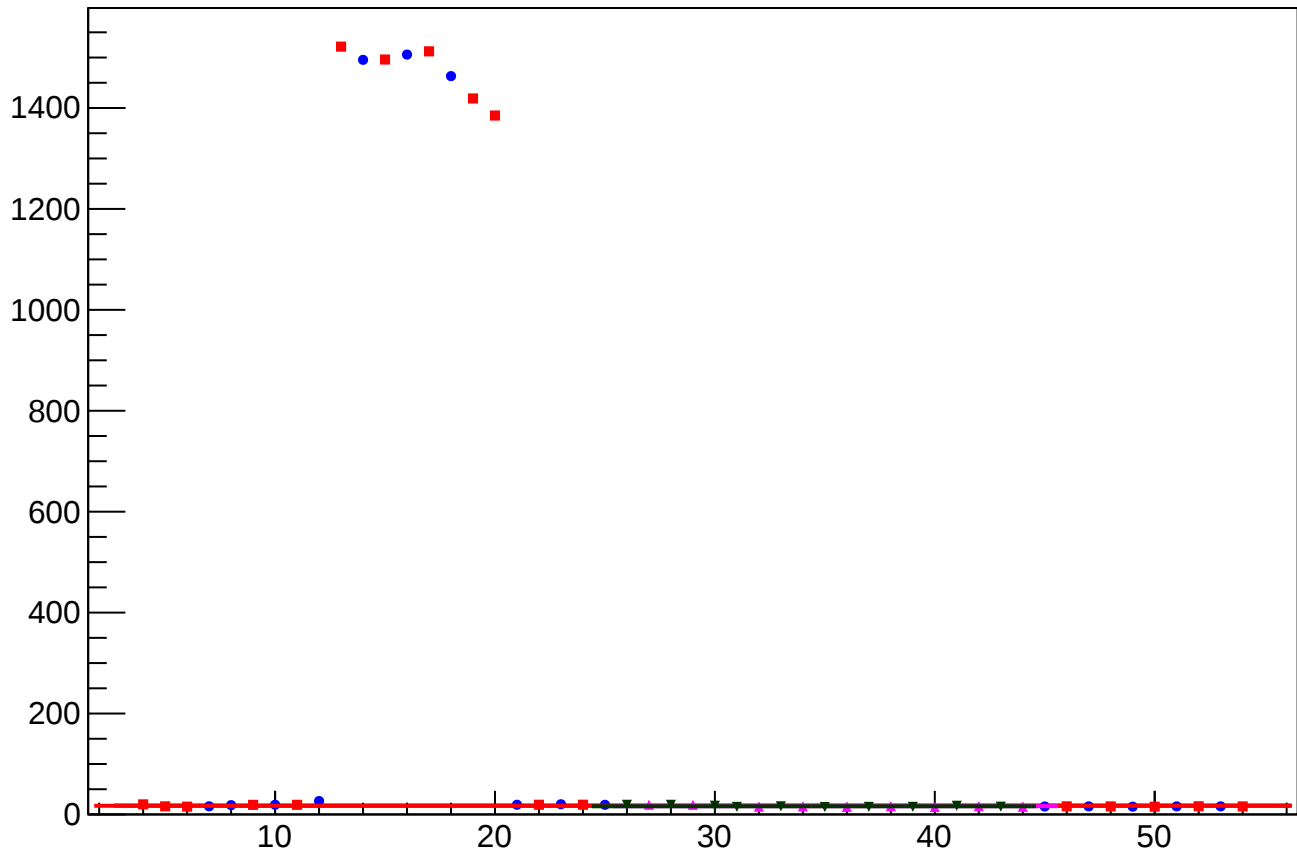
Right Out: -4.621 $\pm$ 6.889 χ^2 /NDF: 10.2/16

Left In: -12.005 $\pm$ 6.949 χ^2 /NDF: 11.5/8

-5.517 $\pm$ 4.843 χ^2 /NDF: 25.9/24

-8.281 $\pm$ 4.892 χ^2 /NDF: 22.2/25

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.565+/-0.005 χ^2/NDF : 4879896.3/14

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

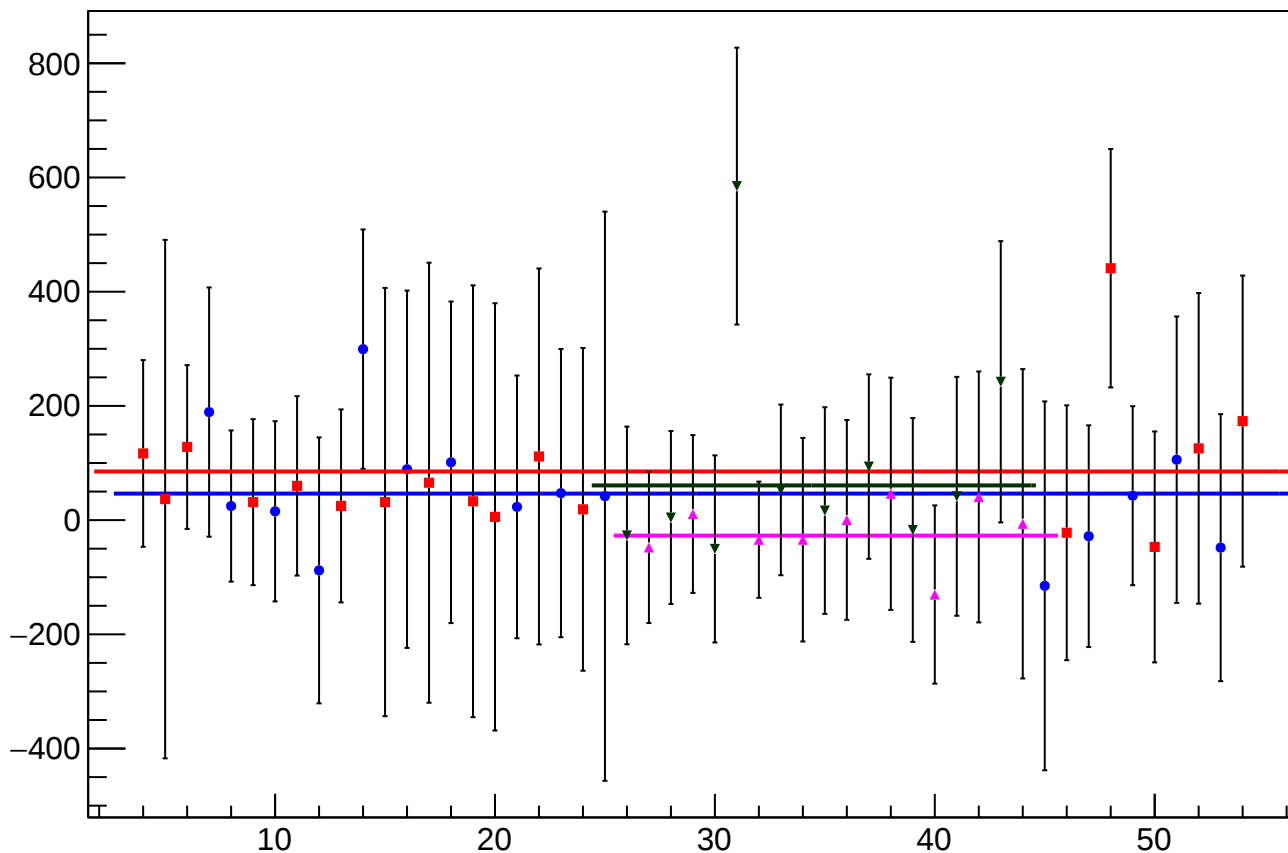
Right Out: 17.206+/-0.005 χ^2/NDF : 5519030.6/16

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

16.930+/-0.003 χ^2/NDF : 5015526.0/24

16.797+/-0.003 χ^2/NDF : 5637578.7/25

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 46.466 $\pm$ 54.885 χ^2 /NDF: 3.0/14

Left Out: 60.773 $\pm$ 57.310 χ^2 /NDF: 6.3/9

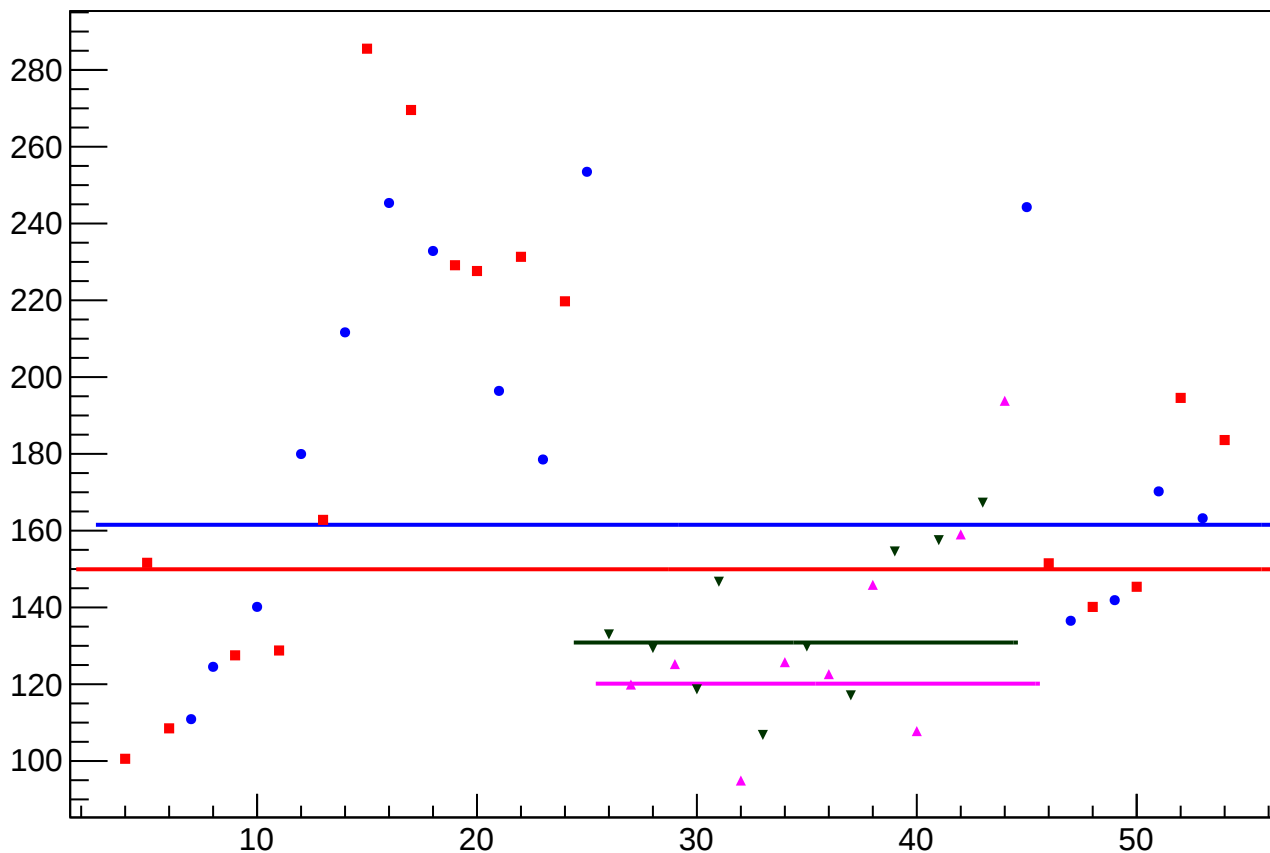
Right Out: 85.209 $\pm$ 52.709 χ^2 /NDF: 4.3/16

Left In: -27.106 $\pm$ 52.008 χ^2 /NDF: 0.8/8

53.311 $\pm$ 39.639 χ^2 /NDF: 9.3/24

28.299 $\pm$ 37.021 χ^2 /NDF: 7.4/25

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 161.528+/-0.039 χ^2/NDF : 1020909.9/14

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

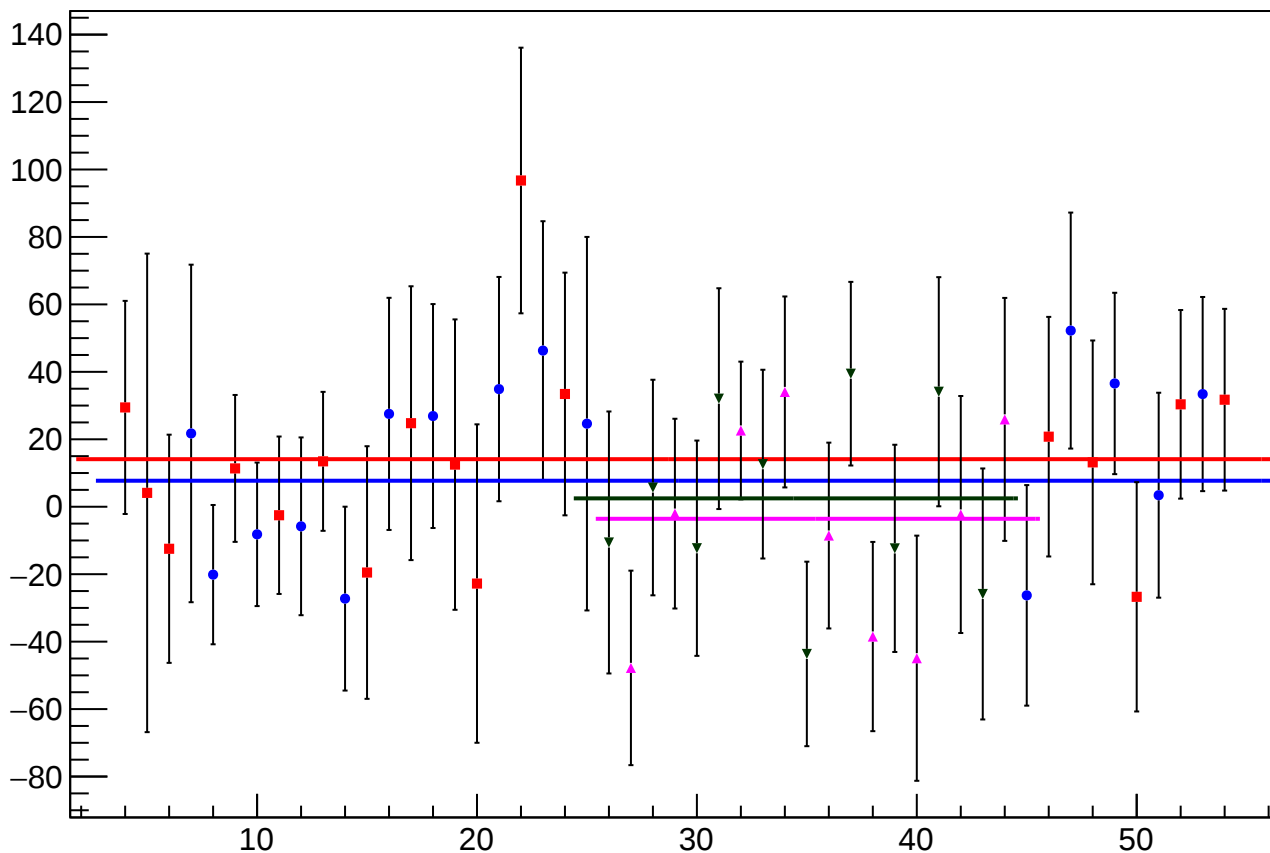
146.857+/-0.028 χ^2/NDF : 1511707.5/24

Right Out: 149.940+/-0.037 χ^2/NDF : 1411724.5/16

134.844+/-0.026 χ^2/NDF : 2118746.7/25

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: 7.713 $\pm$ 7.710 χ^2 /NDF: 11.5/14

Left Out: 2.482 $\pm$ 9.918 χ^2 /NDF: 7.7/9

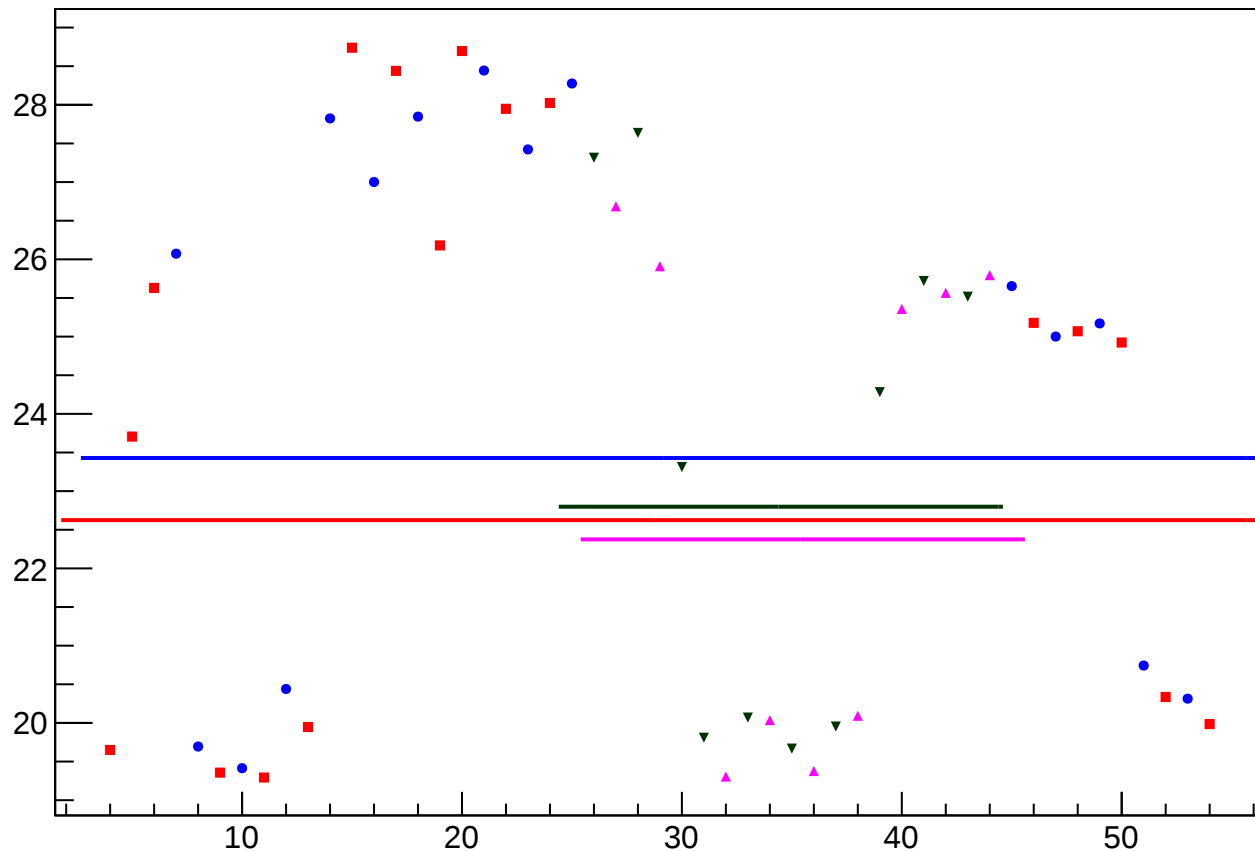
Right Out: 14.104 $\pm$ 7.630 χ^2 /NDF: 9.8/16

Left In: -3.573 $\pm$ 9.519 χ^2 /NDF: 9.3/8

5.742 $\pm$ 6.087 χ^2 /NDF: 19.3/24

7.189 $\pm$ 5.953 χ^2 /NDF: 21.2/25

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.429 $\pm$ 0.005 χ^2/NDF : 420038.1/14

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

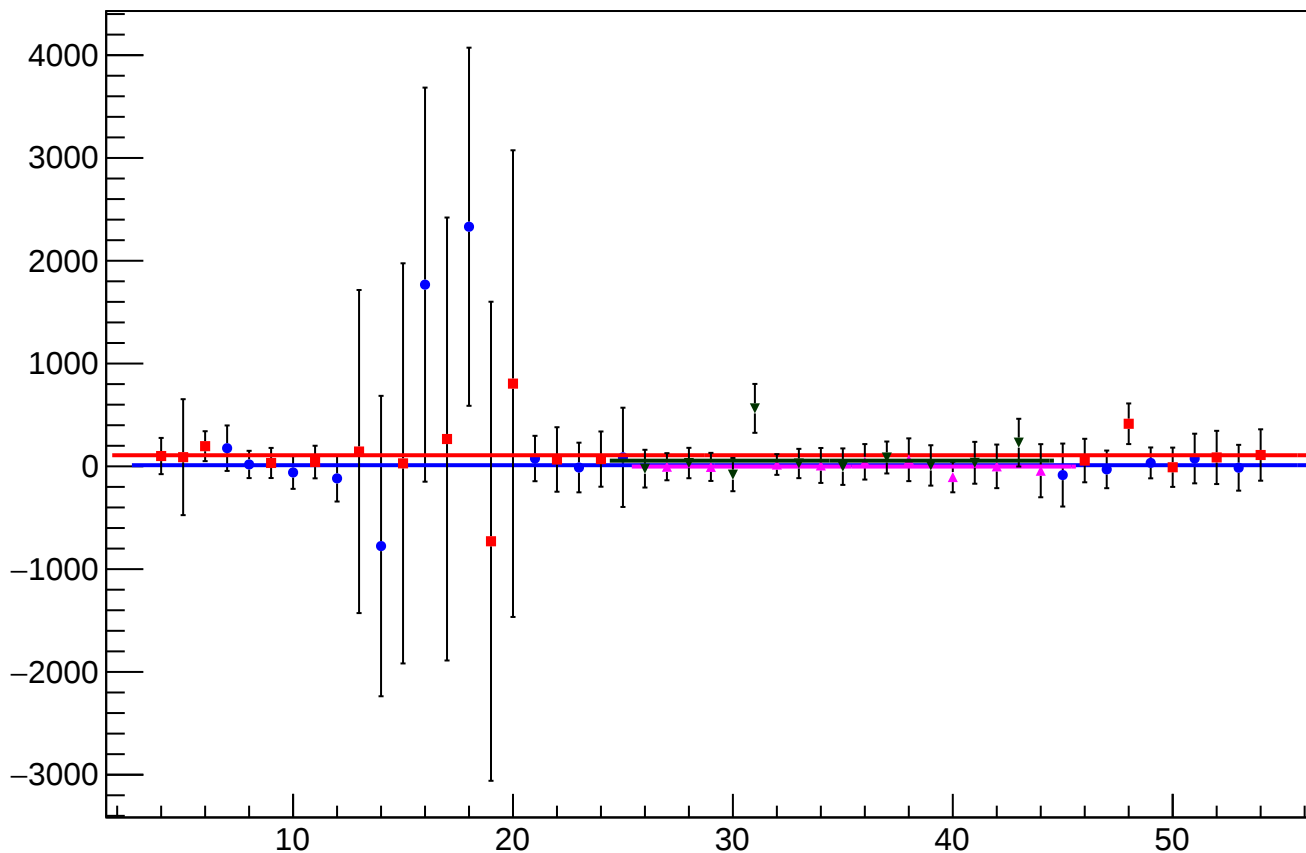
Right Out: 22.625 $\pm$ 0.005 χ^2/NDF : 437381.3/16

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

23.191 $\pm$ 0.004 χ^2/NDF : 612329.3/24

22.527 $\pm$ 0.004 χ^2/NDF : 658248.2/25

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 11.147+/-57.595 χ^2/NDF : 4.4/14

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

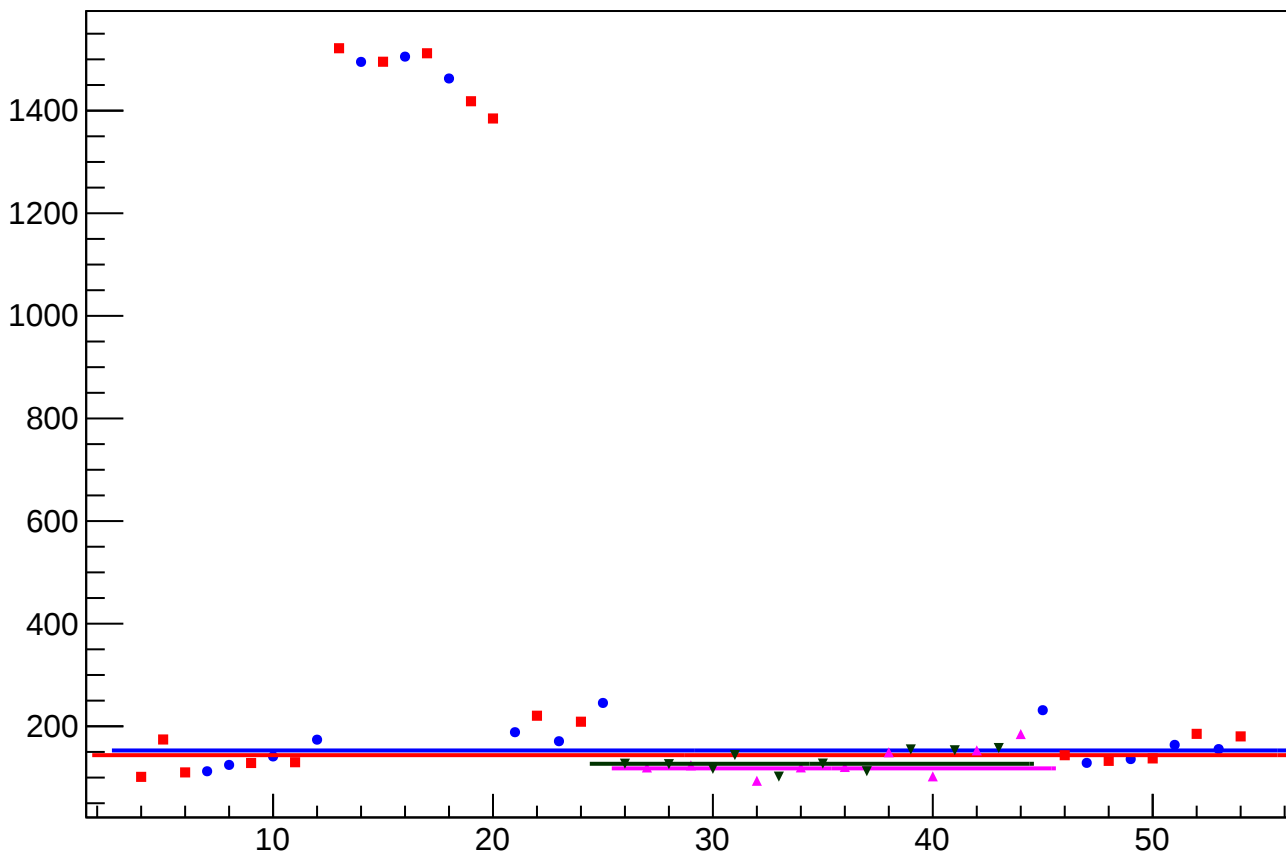
Right Out: 108.013+/-57.690 χ^2/NDF : 3.9/16

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

34.024+/-40.030 χ^2/NDF : 11.0/24

46.173+/-38.223 χ^2/NDF : 6.7/25

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 152.874+/-0.041 χ^2/NDF : 4331940.0/14

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

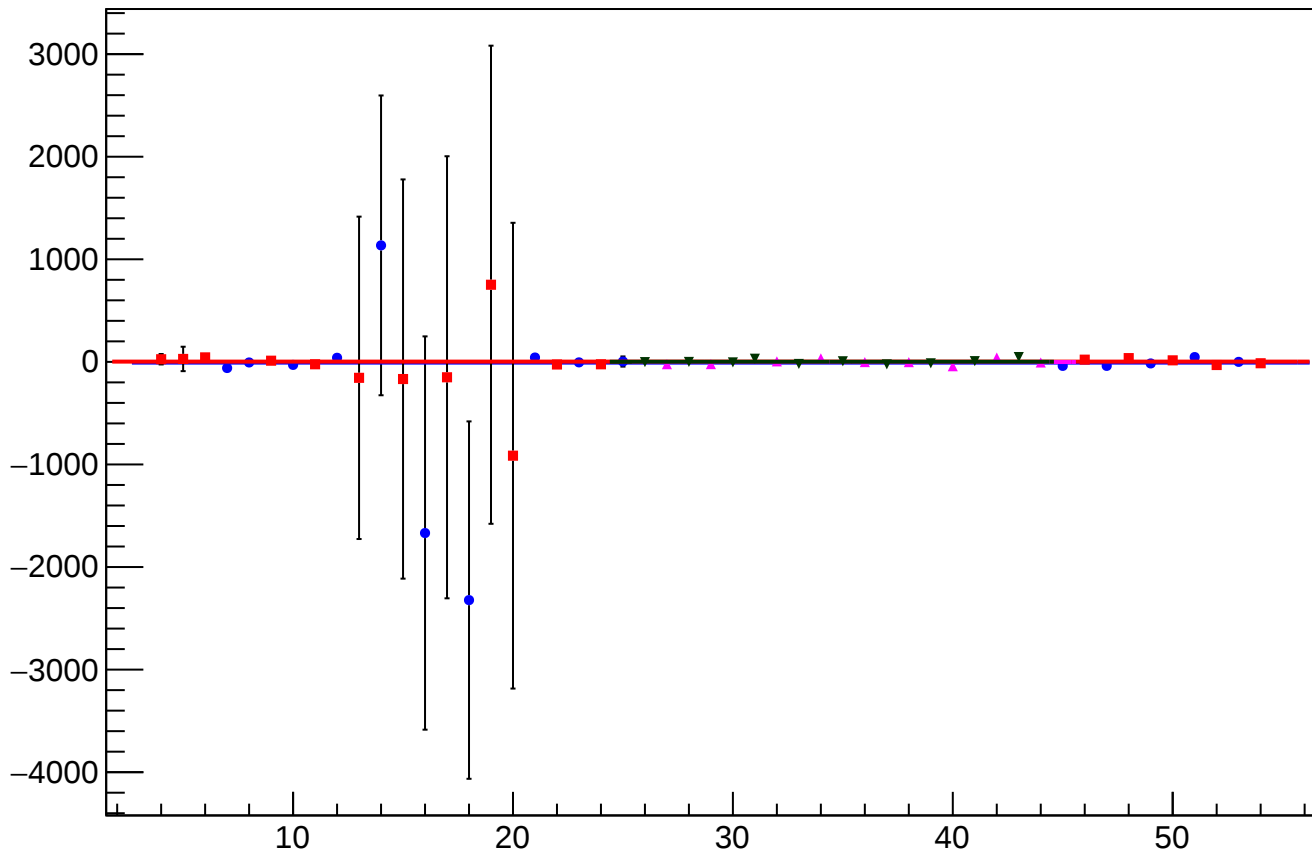
Right Out: 143.699+/-0.041 χ^2/NDF : 5110273.1/16

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

139.447+/-0.028 χ^2/NDF : 4748341.8/24

129.249+/-0.027 χ^2/NDF : 5710889.2/25

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -7.099+/-8.572 χ^2 /NDF: 15.4/14

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

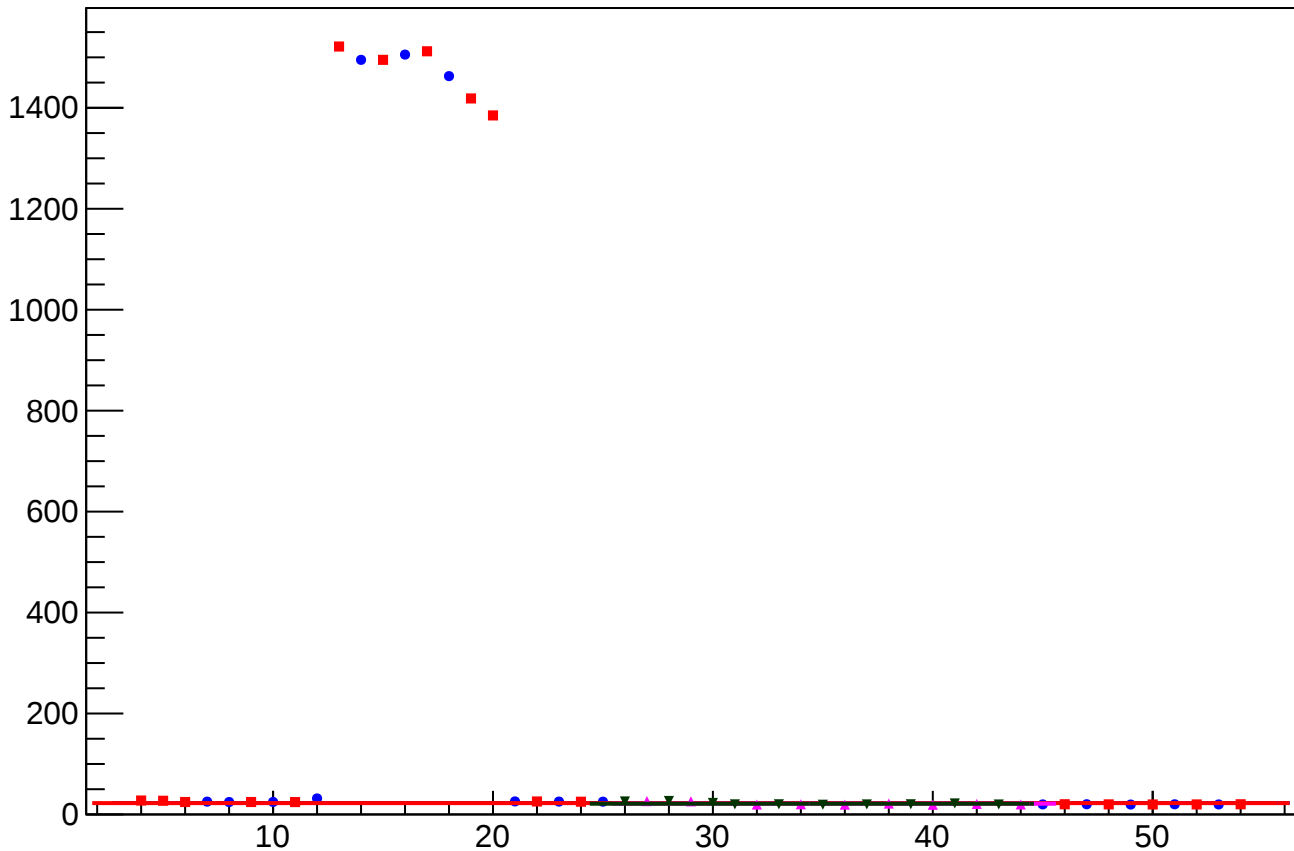
Right Out: 2.599+/-9.109 χ^2 /NDF: 8.2/16

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

-3.281+/-6.289 χ^2 /NDF: 21.1/24

0.478+/-6.419 χ^2 /NDF: 15.6/25

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 22.658+/-0.006 χ^2/NDF : 4871117.3/14

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

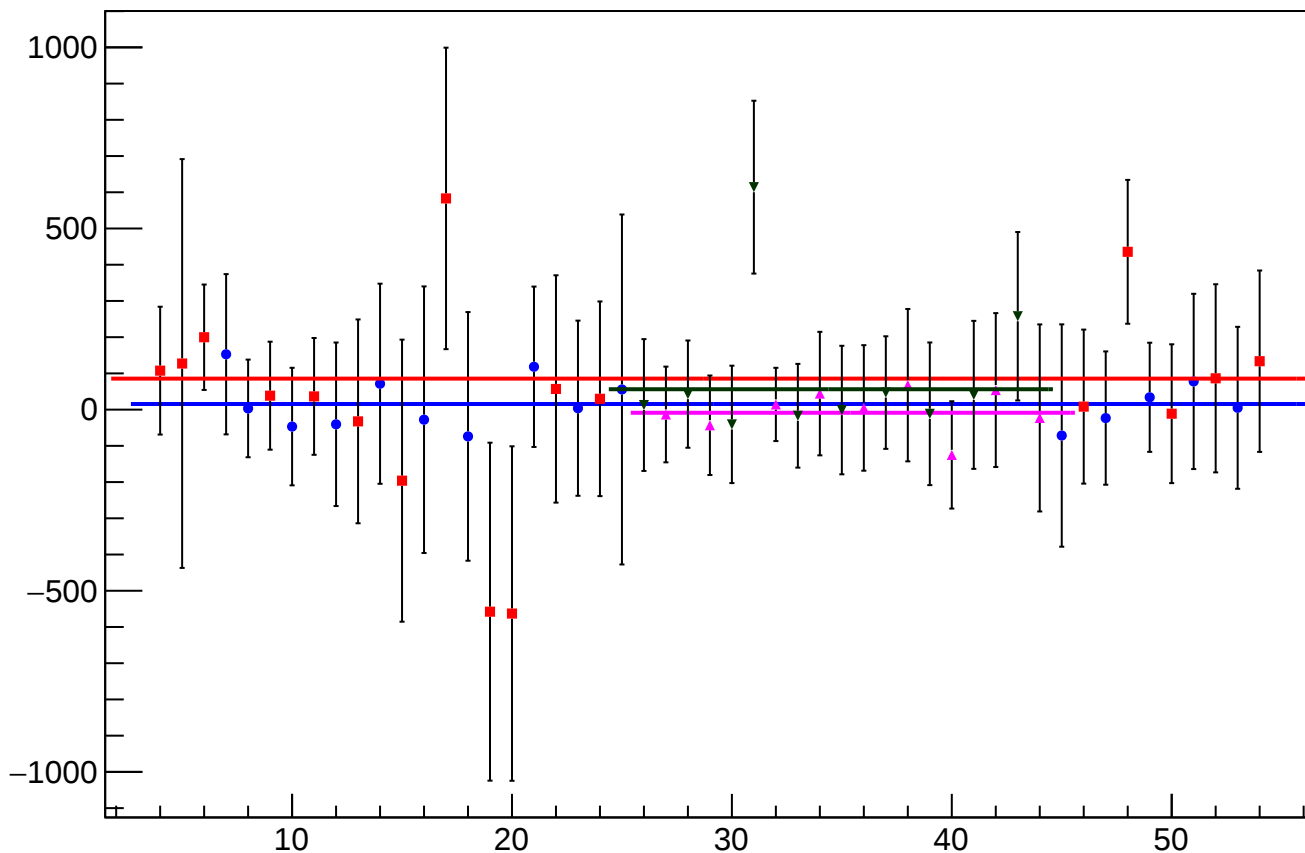
22.029+/-0.004 χ^2/NDF : 5023445.2/24

Right Out: 22.499+/-0.006 χ^2/NDF : 5524016.5/16

21.899+/-0.005 χ^2/NDF : 5701119.0/25

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

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 15.505 $\pm$ 55.452 χ^2 /NDF: 1.2/14

Left Out: 56.309 $\pm$ 55.753 χ^2 /NDF: 7.1/9

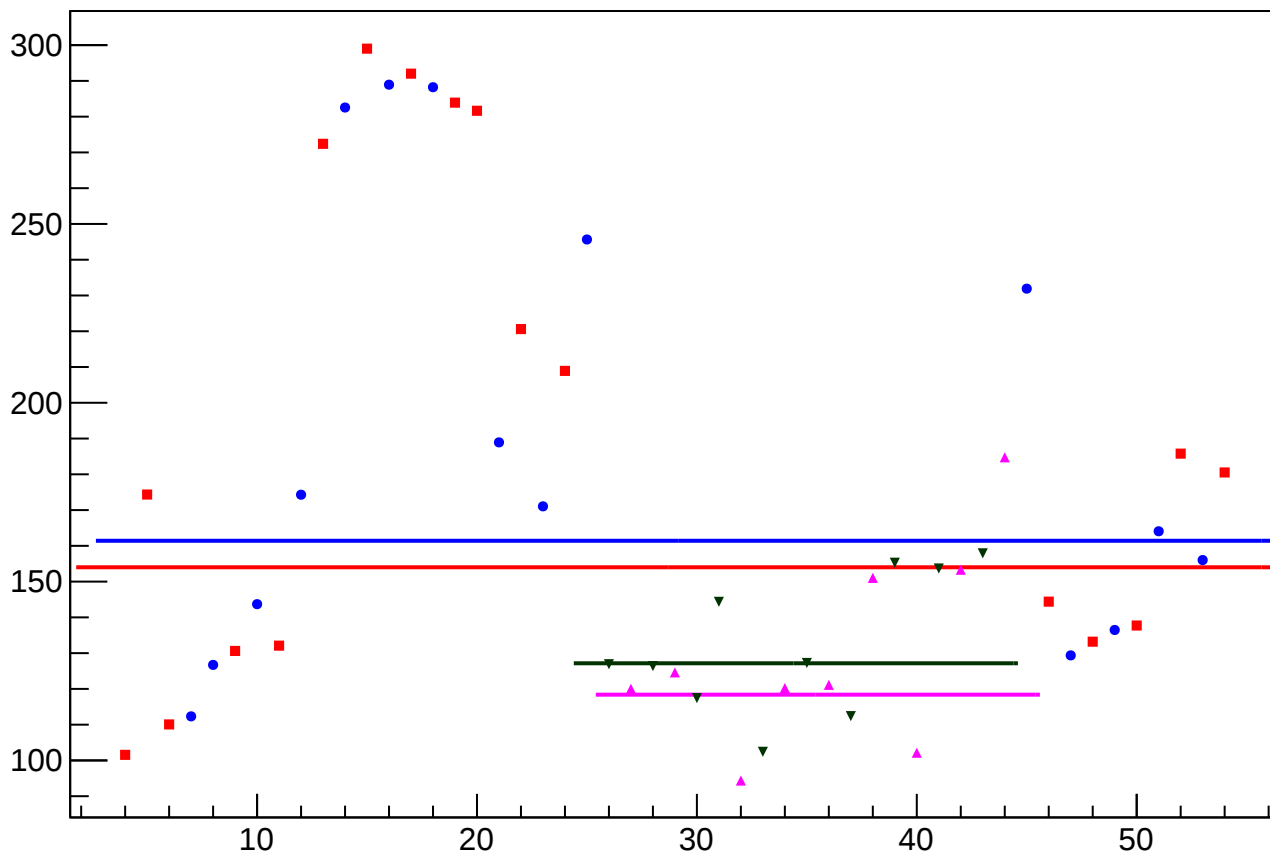
Right Out: 85.588 $\pm$ 55.063 χ^2 /NDF: 10.4/16

Left In: -8.655 $\pm$ 51.217 χ^2 /NDF: 1.1/8

35.797 $\pm$ 39.316 χ^2 /NDF: 8.6/24

35.061 $\pm$ 37.502 χ^2 /NDF: 13.0/25

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 161.420 ± 0.039 χ^2/NDF : 1476857.0/14

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

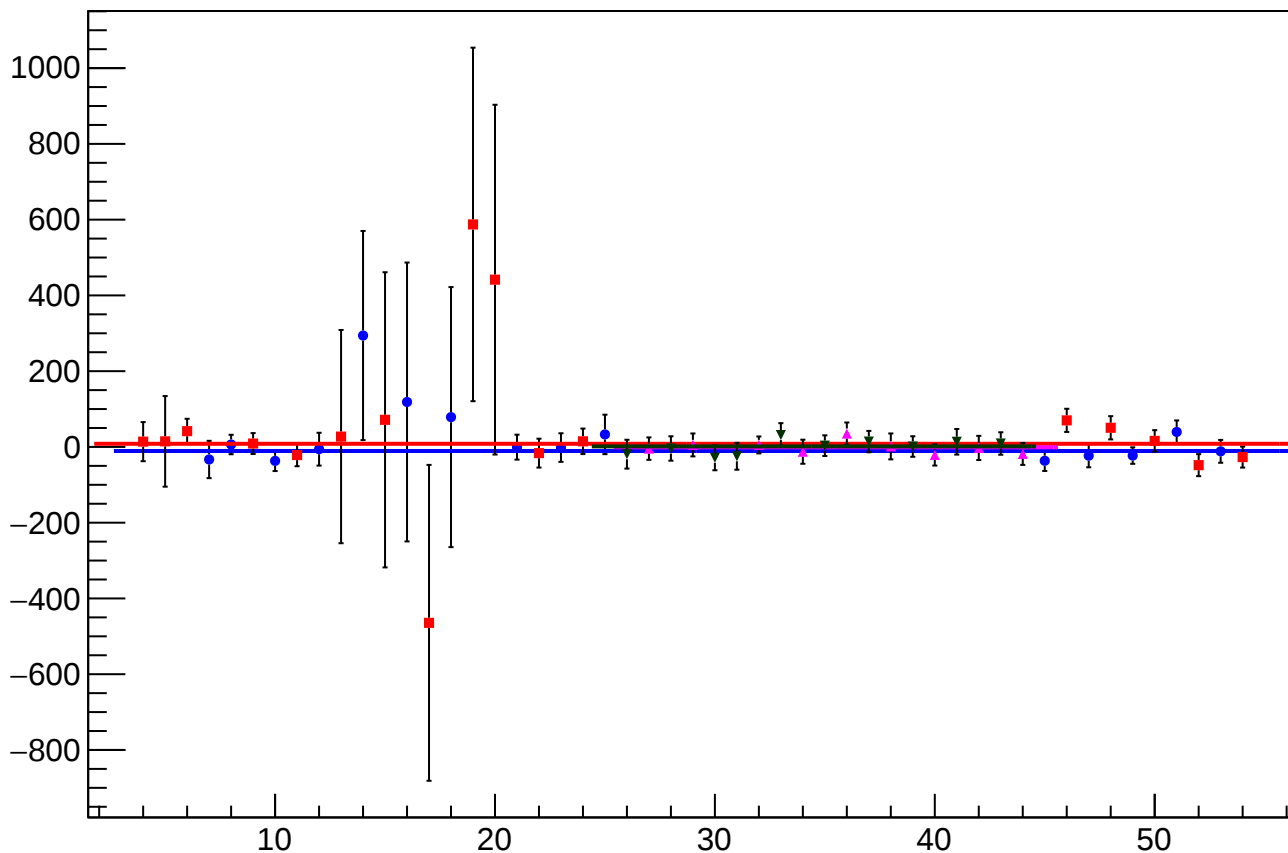
144.385 ± 0.028 χ^2/NDF : 2061272.5/24

Right Out: 154.008 ± 0.039 χ^2/NDF : 1874123.4/16

134.910 ± 0.027 χ^2/NDF : 2699280.9/25

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: -10.768 $\pm$ 8.903 χ^2 /NDF: 8.0/14

Left Out: 1.423 $\pm$ 9.824 χ^2 /NDF: 3.0/9

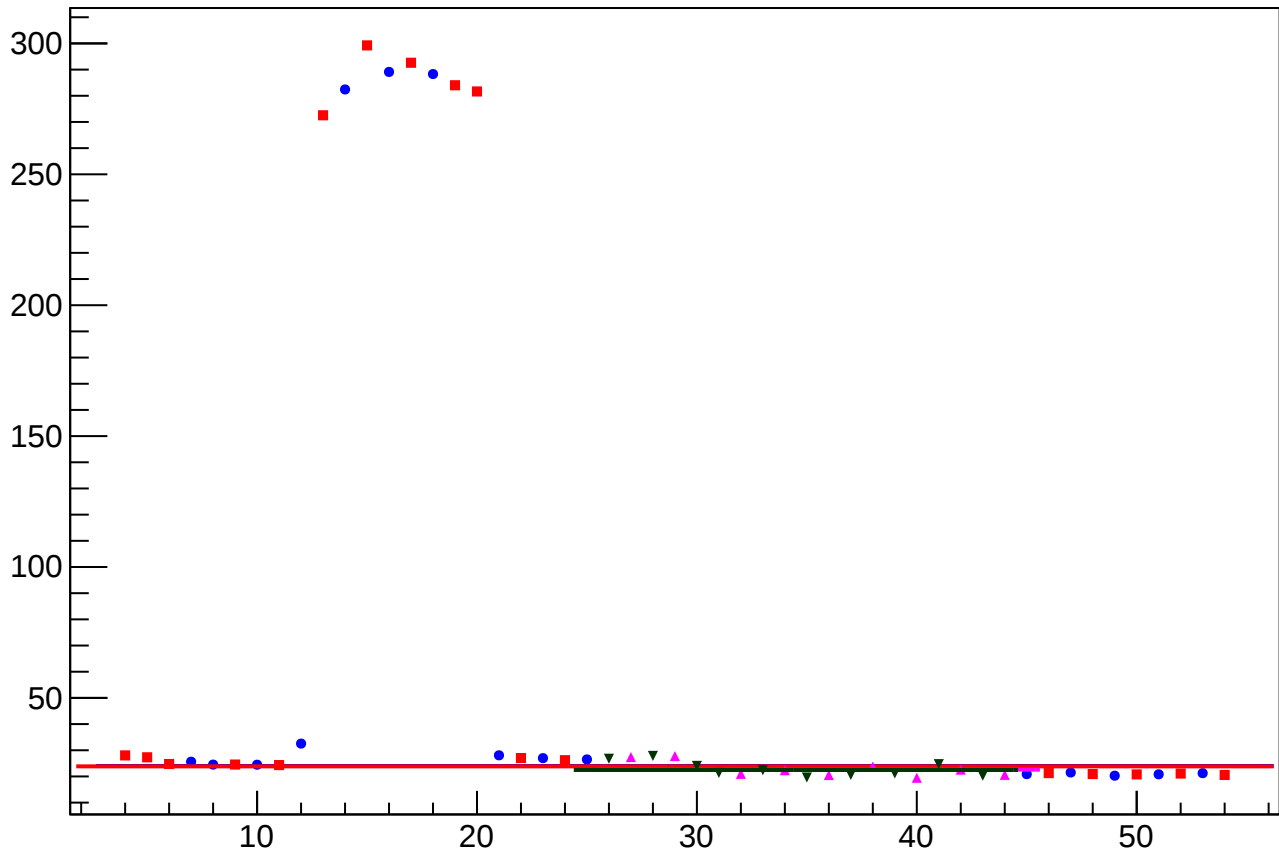
Right Out: 8.257 $\pm$ 9.400 χ^2 /NDF: 17.7/16

Left In: -1.028 $\pm$ 9.666 χ^2 /NDF: 2.7/8

-5.271 $\pm$ 6.597 χ^2 /NDF: 11.9/24

3.744 $\pm$ 6.739 χ^2 /NDF: 20.9/25

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.981 $\pm$ 0.006 χ^2/NDF : 4241407.8/14

Left Out: 22.469 $\pm$ 0.007 χ^2/NDF : 142902.0/9

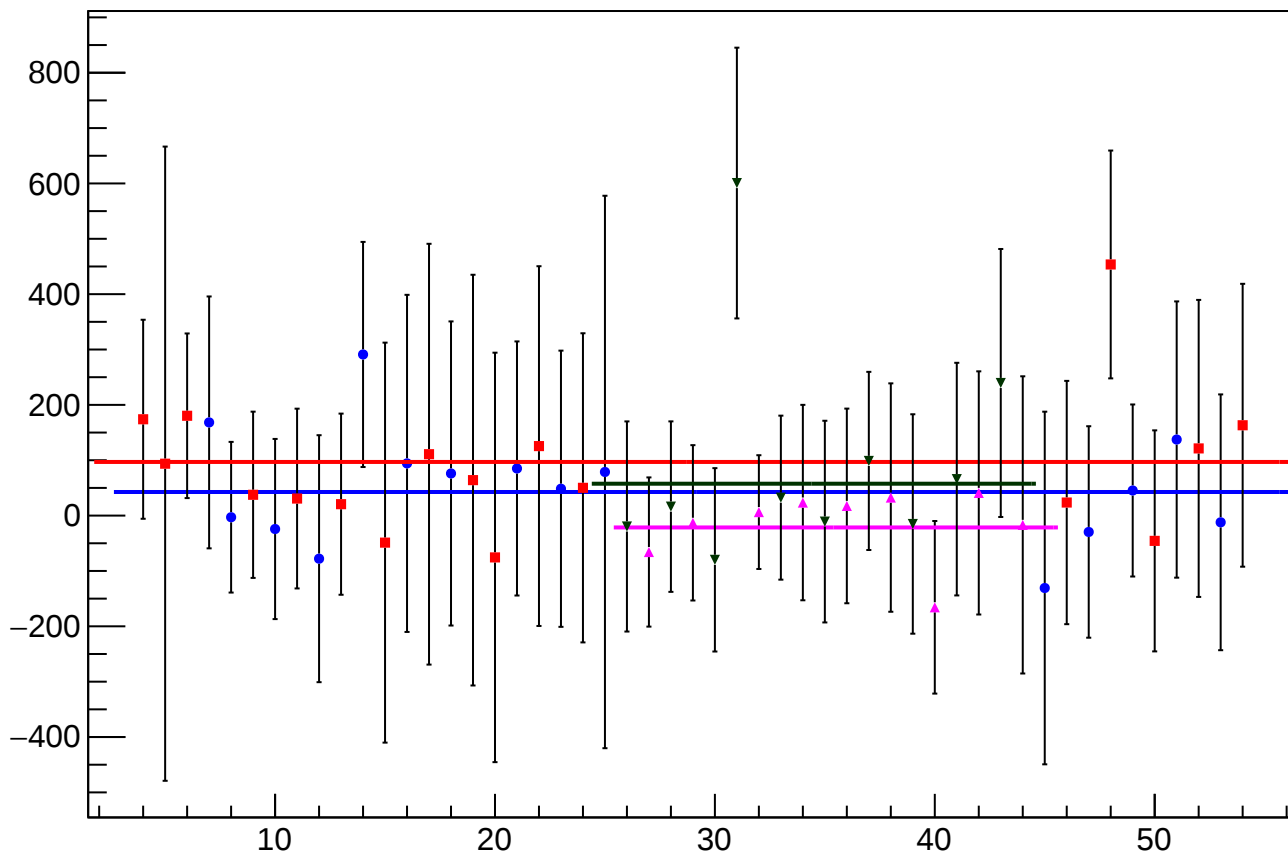
23.299 $\pm$ 0.005 χ^2/NDF : 4410319.0/24

Right Out: 23.854 $\pm$ 0.007 χ^2/NDF : 4780911.4/16

23.244 $\pm$ 0.005 χ^2/NDF : 4966339.7/25

Left In: 22.600 $\pm$ 0.007 χ^2/NDF : 168139.0/8

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 42.624+/-54.885 χ^2/NDF : 3.1/14

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

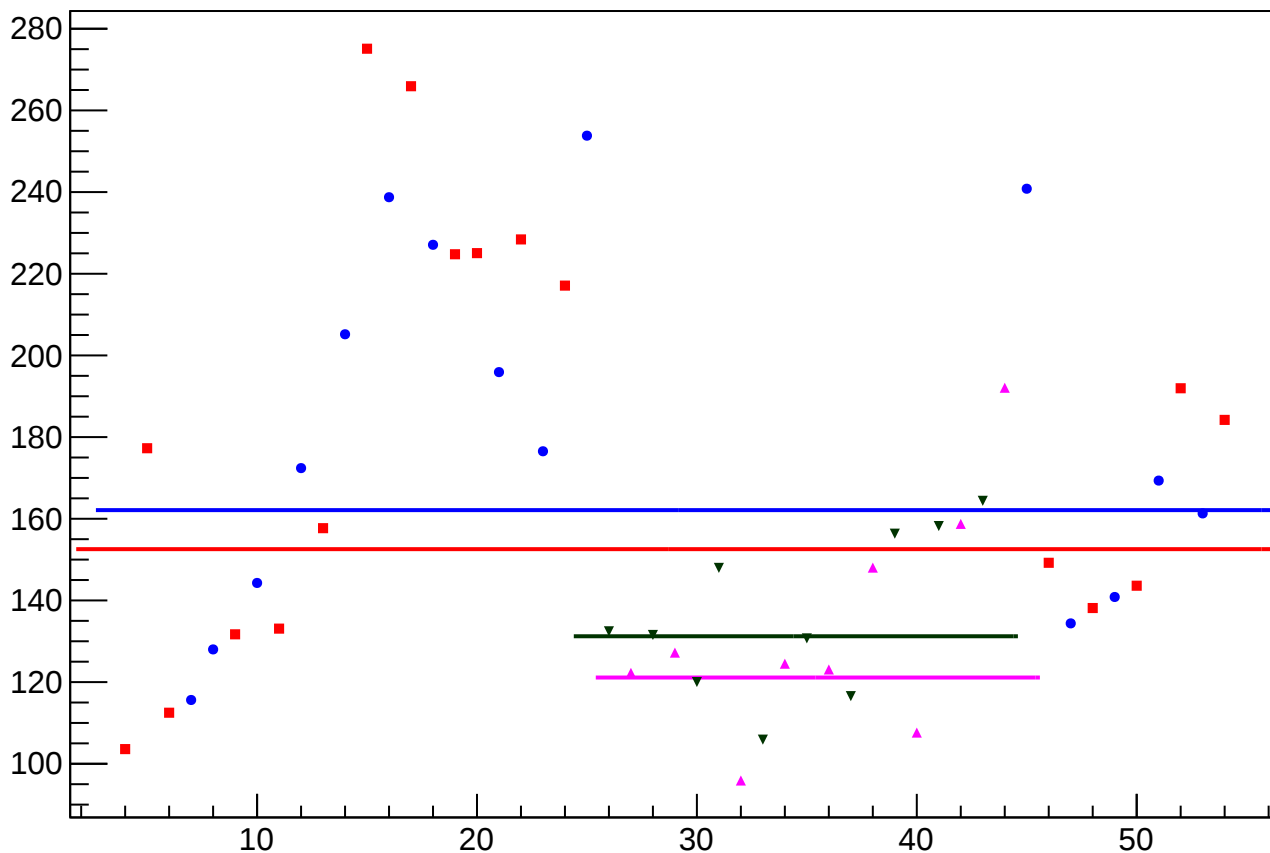
Right Out: 96.902+/-53.532 χ^2/NDF : 5.2/16

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

49.764+/-39.697 χ^2/NDF : 9.9/24

36.470+/-37.444 χ^2/NDF : 9.0/25

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 162.116+/-0.039 χ^2/NDF : 886815.7/14

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

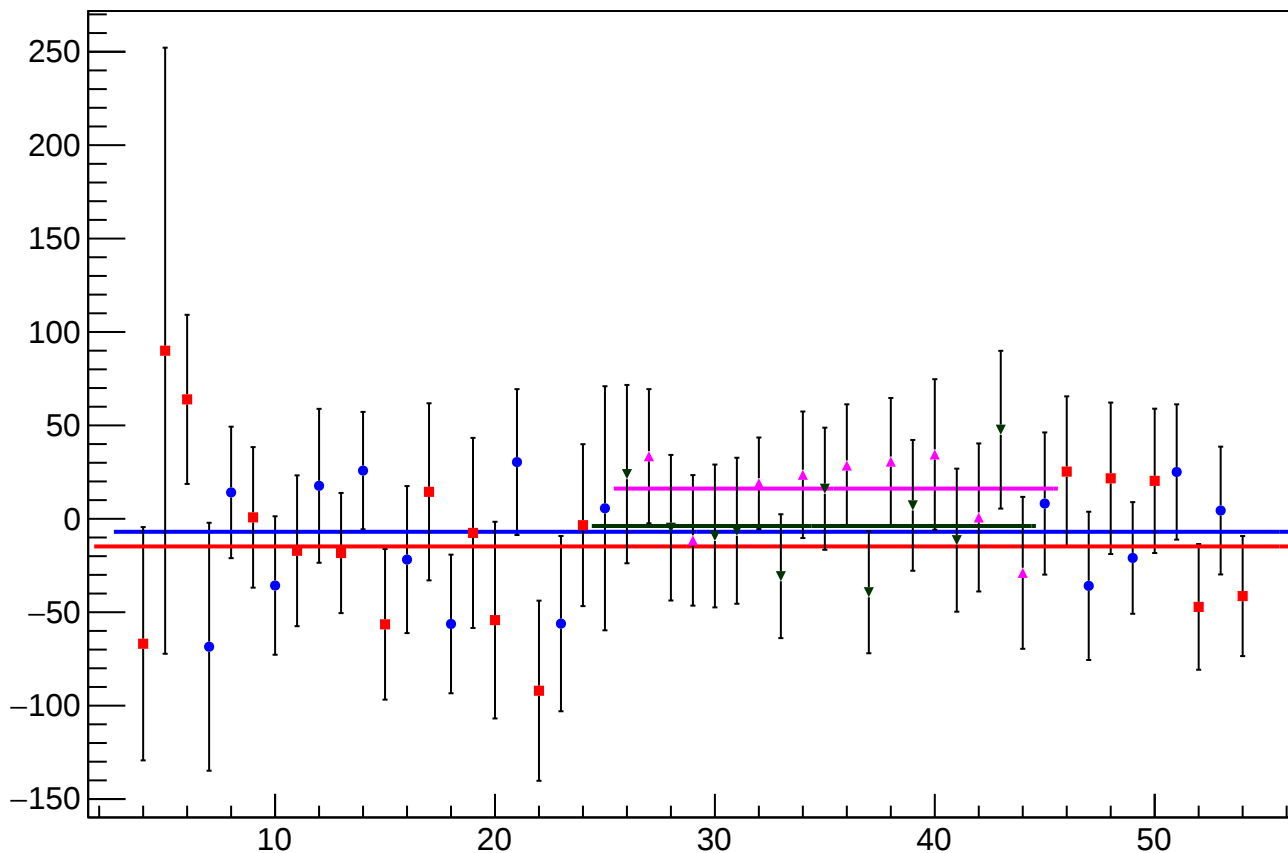
147.386+/-0.028 χ^2/NDF : 1385282.6/24

Right Out: 152.558+/-0.038 χ^2/NDF : 1231263.8/16

136.502+/-0.026 χ^2/NDF : 1956447.6/25

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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -6.948 ± 9.928 χ^2/NDF : 9.0/14

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

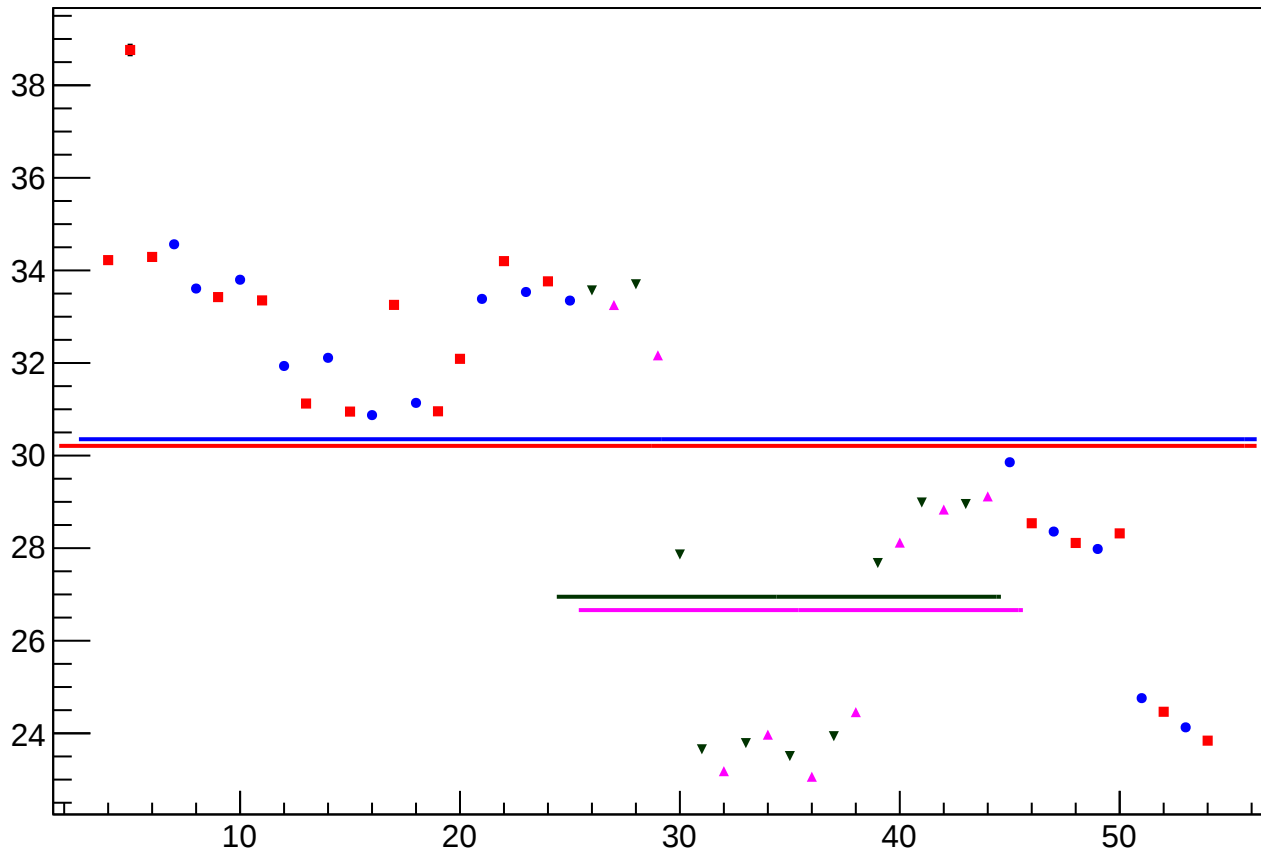
Right Out: -14.783 ± 10.212 χ^2/NDF : 13.2/16

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

-5.651 ± 7.575 χ^2/NDF : 13.3/24

-0.915 ± 7.587 χ^2/NDF : 20.2/25

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 30.353±/0.007 χ^2/NDF : 210367.5/14

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

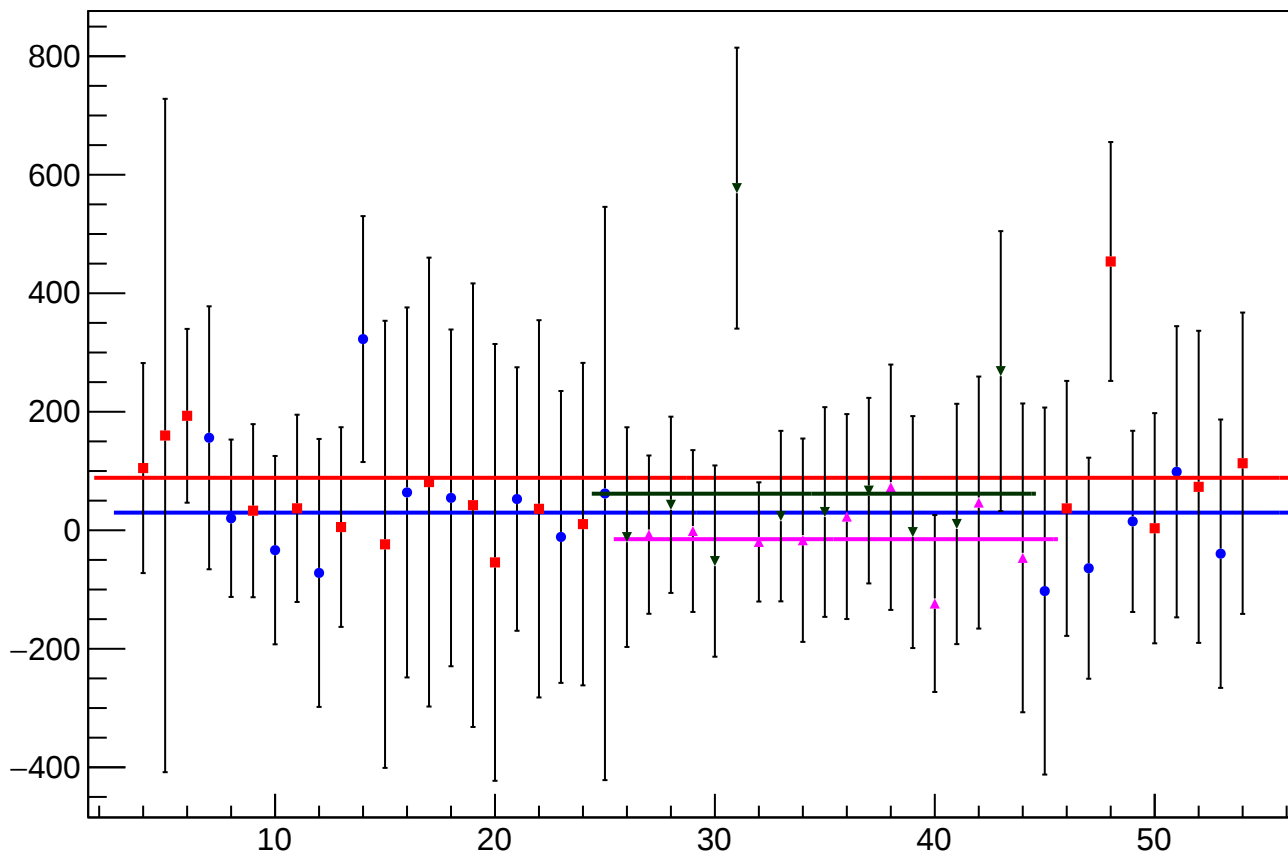
Right Out: 30.210±/0.007 χ^2/NDF : 248000.7/16

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

28.932±/0.005 χ^2/NDF : 490859.2/24

28.620±/0.005 χ^2/NDF : 574587.3/25

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 29.785 $\pm$ 54.151 χ^2 /NDF: 3.4/14

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

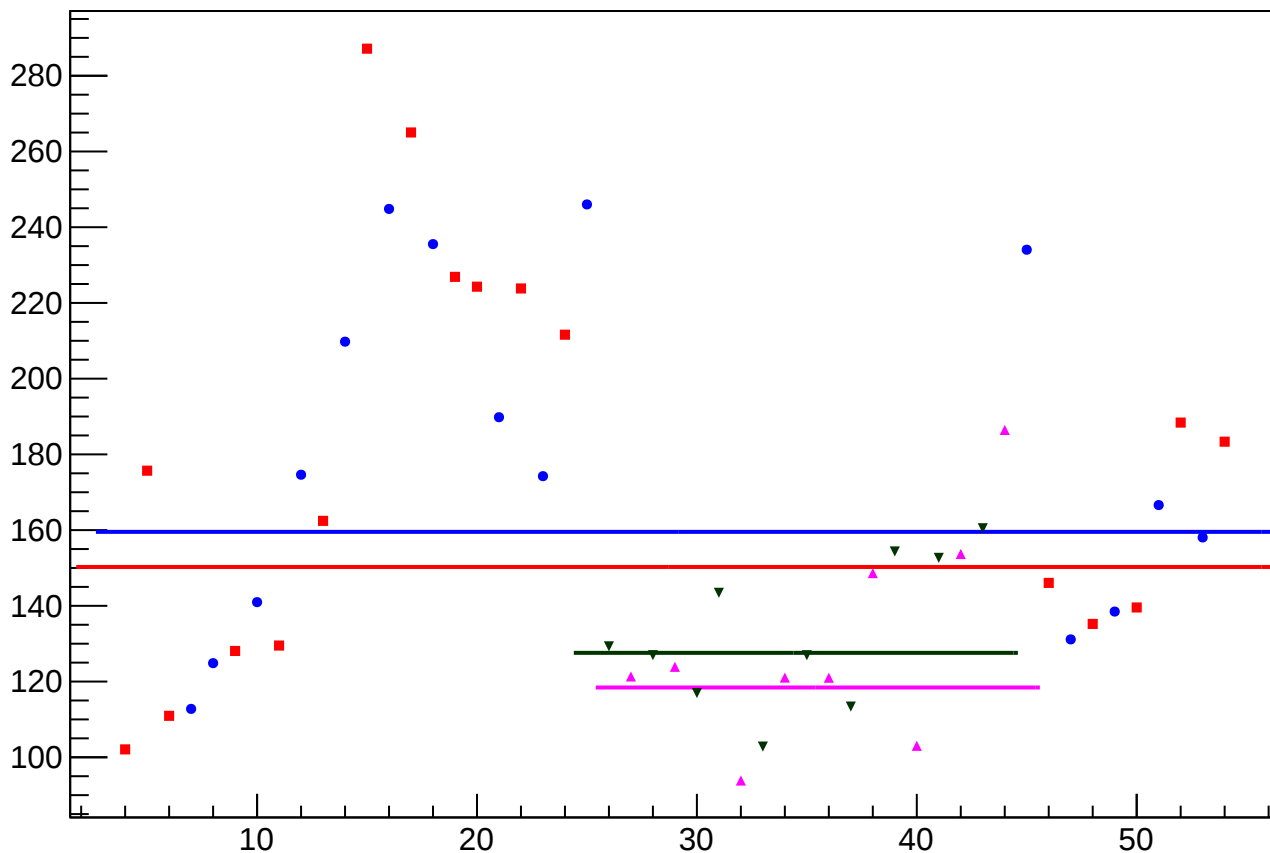
Right Out: 88.559 $\pm$ 52.848 χ^2 /NDF: 4.9/16

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

45.248 $\pm$ 38.899 χ^2 /NDF: 10.0/24

35.164 $\pm$ 36.786 χ^2 /NDF: 7.8/25

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 159.538+/-0.038 χ^2/NDF : 980908.7/14

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

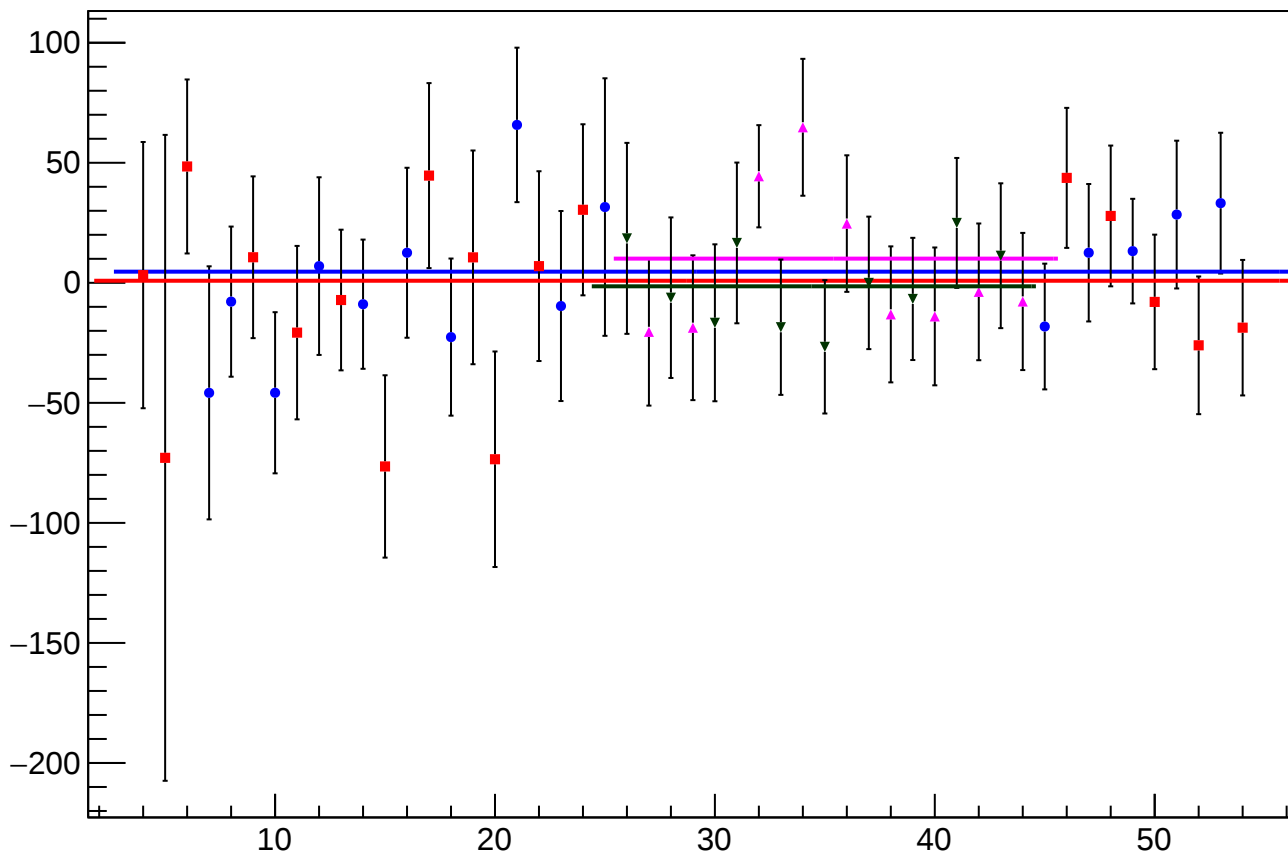
144.072+/-0.028 χ^2/NDF : 1518301.0/24

Right Out: 150.264+/-0.037 χ^2/NDF : 1300203.4/16

133.853+/-0.026 χ^2/NDF : 2053889.0/25

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 4.646 $\pm$ 8.146 χ^2/NDF : 10.9/14

Left Out: -1.457 $\pm$ 9.435 χ^2/NDF : 3.1/9

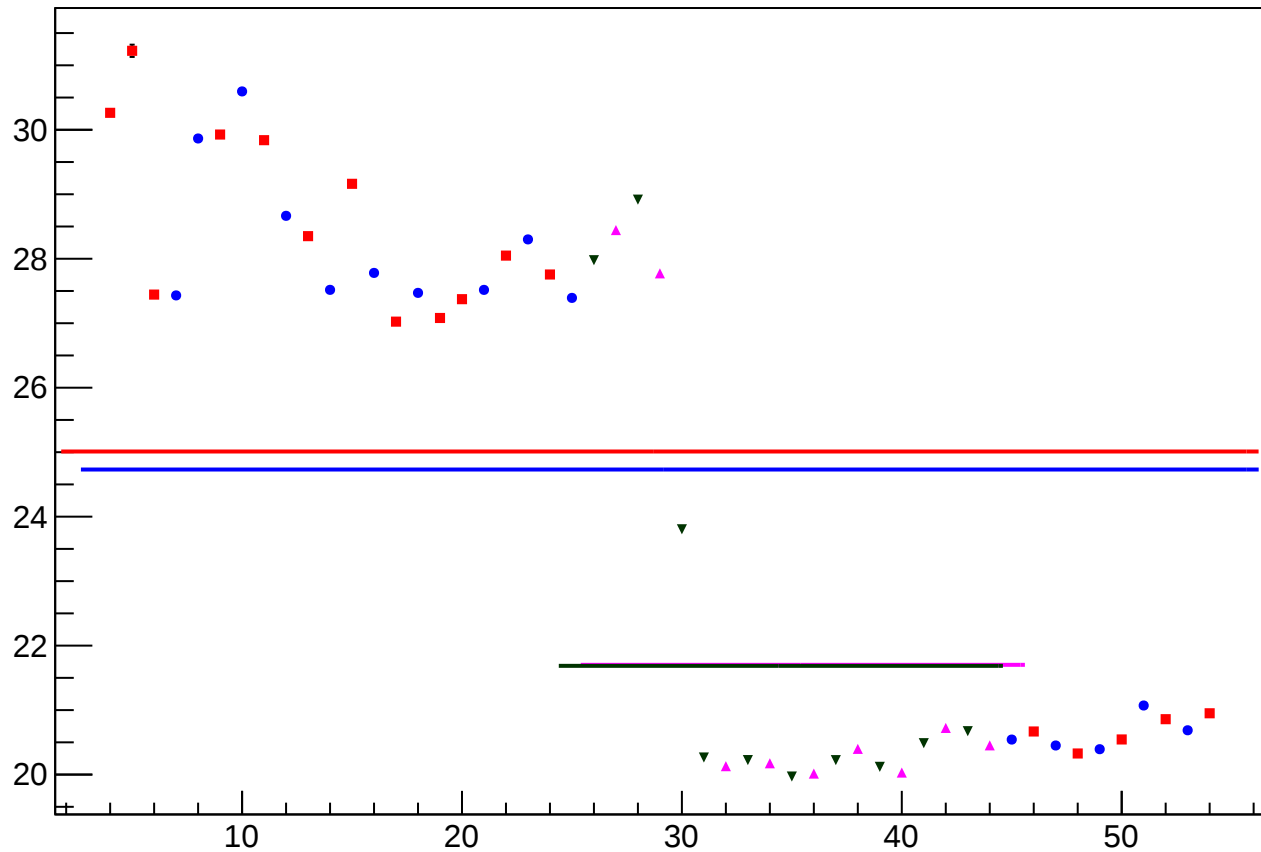
Right Out: 0.864 $\pm$ 8.502 χ^2/NDF : 16.0/16

Left In: 10.080 $\pm$ 9.225 χ^2/NDF : 10.4/8

2.040 $\pm$ 6.166 χ^2/NDF : 14.2/24

5.096 $\pm$ 6.252 χ^2/NDF : 26.9/25

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 24.731 $\pm$ 0.006 χ^2 /NDF: 470814.0/14

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

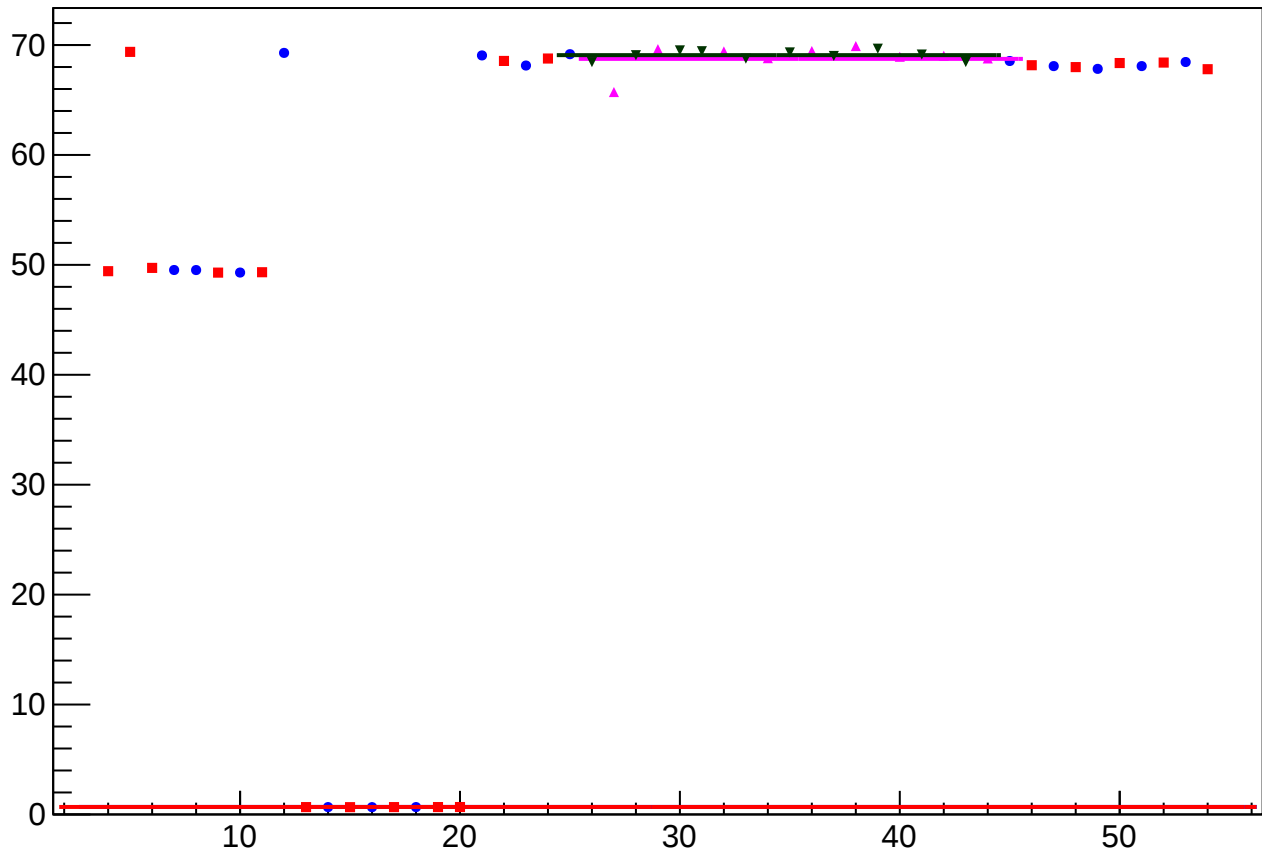
23.431 $\pm$ 0.004 χ^2 /NDF: 778089.7/24

Right Out: 25.011 $\pm$ 0.006 χ^2 /NDF: 427949.3/16

23.491 $\pm$ 0.004 χ^2 /NDF: 785345.0/25

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

yield_bcm_an_ds_mean vs slug



Right In: 0.684 $\pm$ 0.000 χ^2 /NDF: 822900072162.5/14

Left Out: 69.081 $\pm$ 0.000 χ^2 /NDF: 24626539.5/9

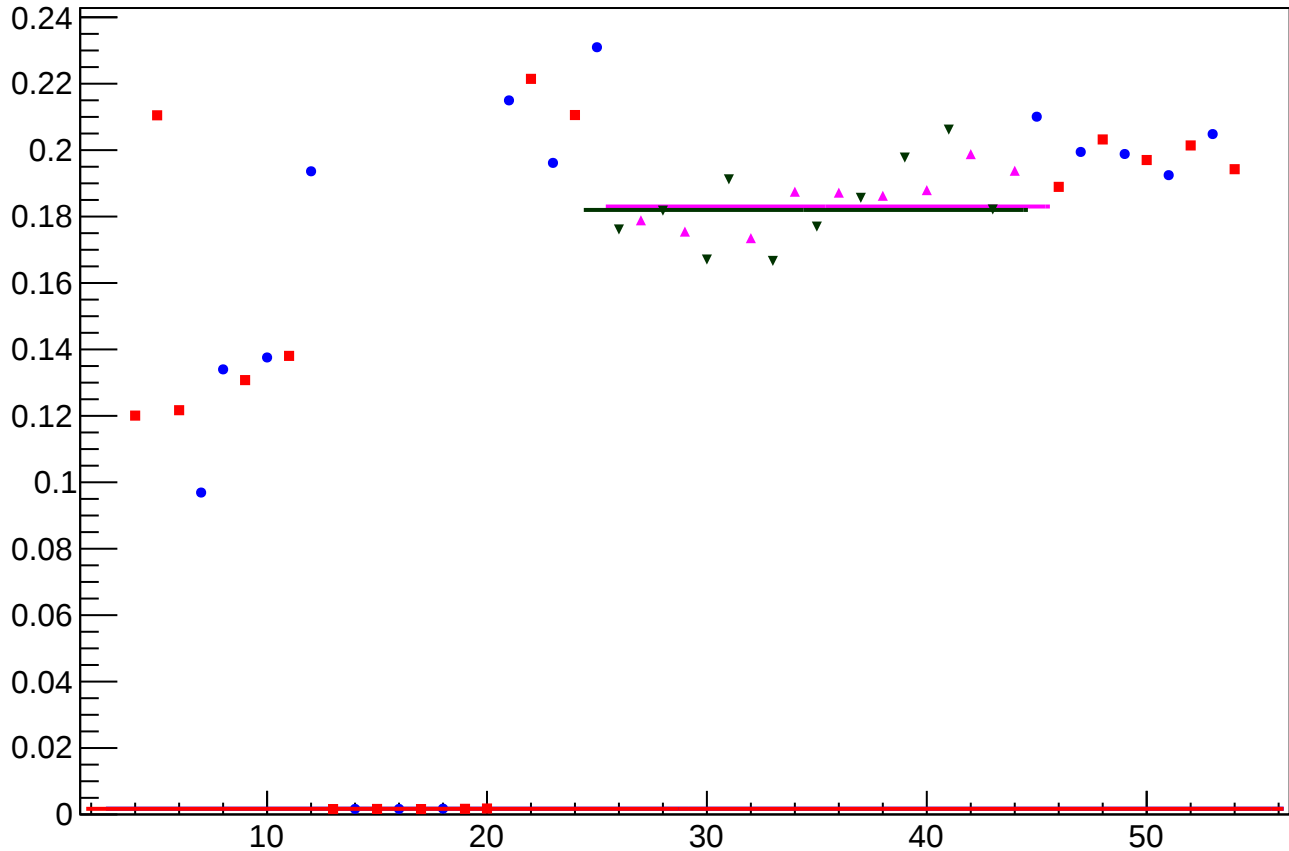
0.697 $\pm$ 0.000 χ^2 /NDF: 1551765244748.1/24

Right Out: 0.682 $\pm$ 0.000 χ^2 /NDF: 732549464990.3/16

0.693 $\pm$ 0.000 χ^2 /NDF: 1482664567689.7/25

Left In: 68.740 $\pm$ 0.000 χ^2 /NDF: 294550476.4/8

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 13372171.9/14

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

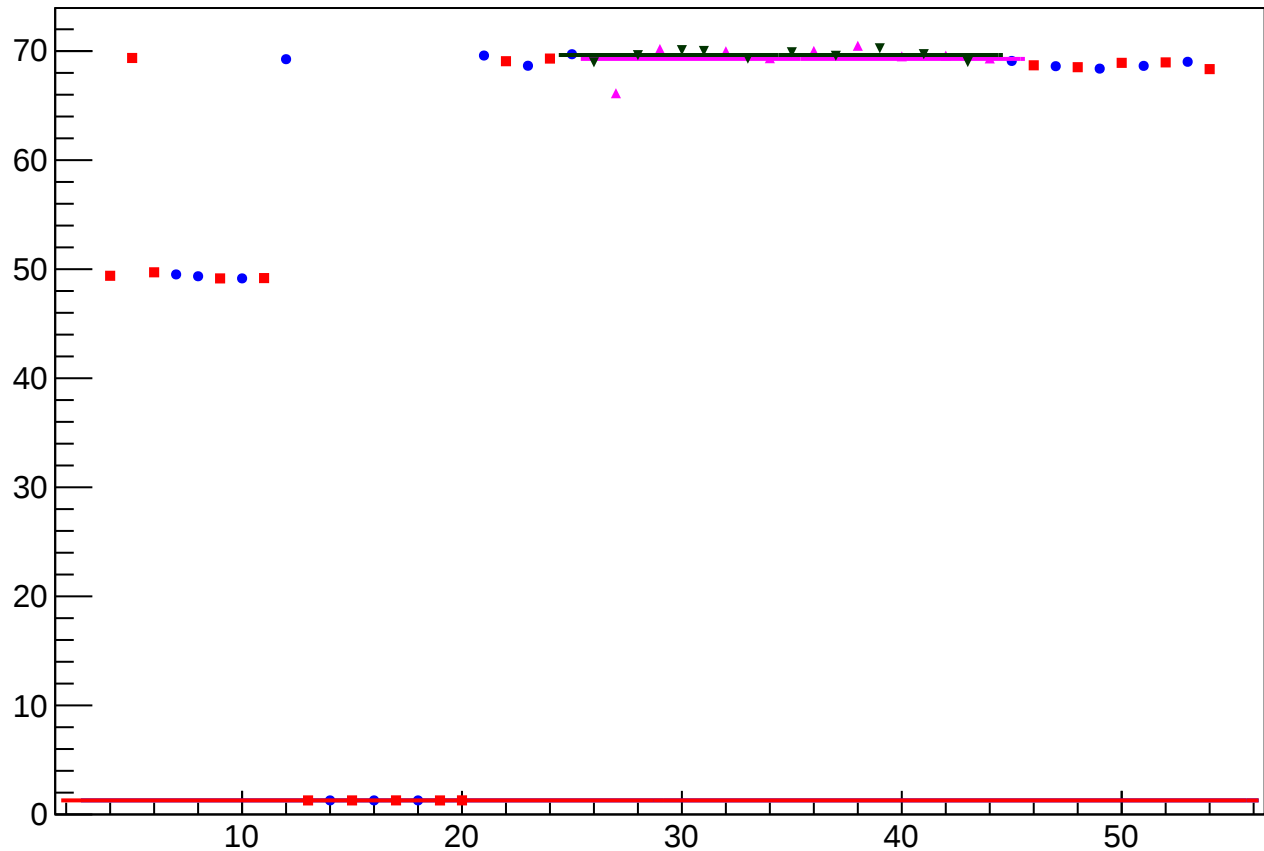
0.002+/-0.000 χ^2/NDF : 23540676.8/24

Right Out: 0.002+/-0.000 χ^2/NDF : 11578197.6/16

0.002+/-0.000 χ^2/NDF : 22244128.1/25

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

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 806446315599.3/14

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

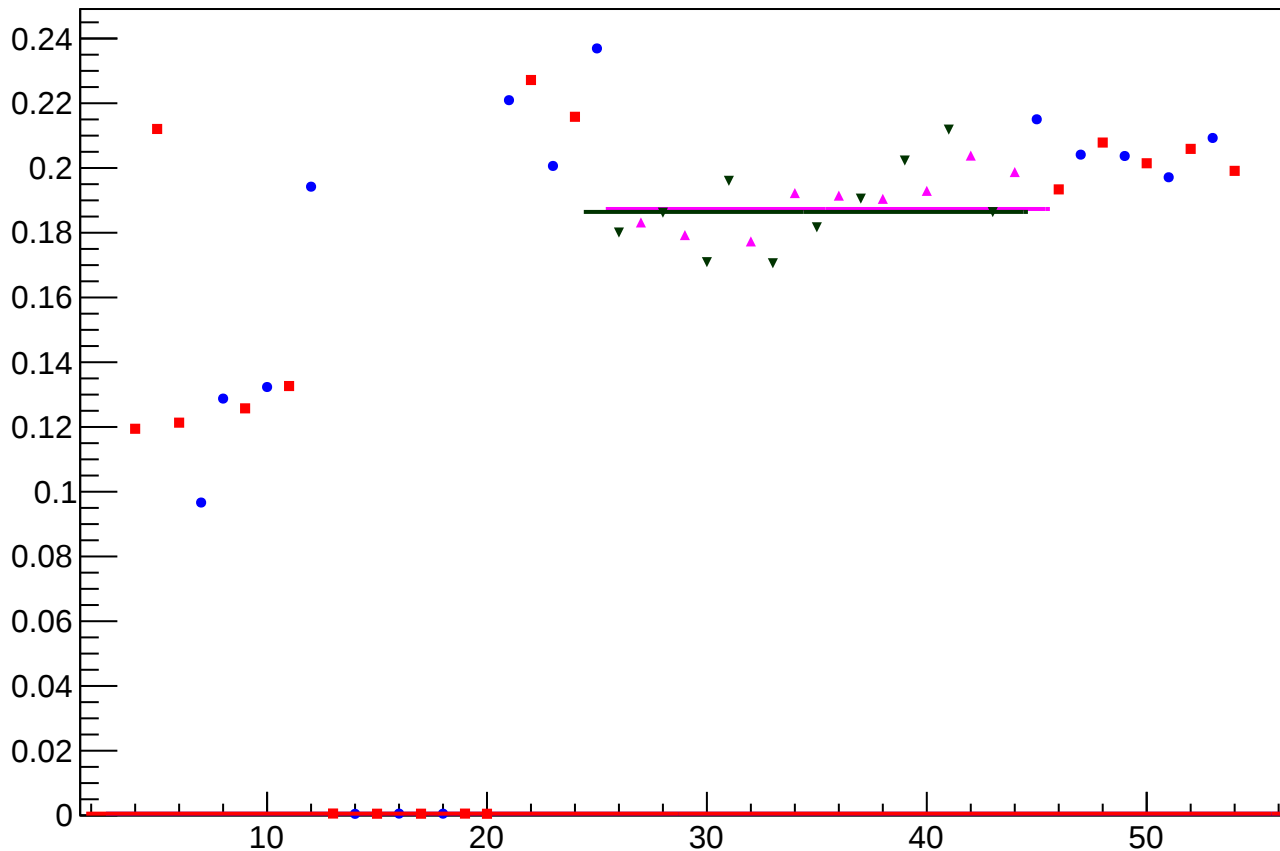
1.292+/-0.000 χ^2/NDF : 1500008633783.2/24

Right Out: 1.290+/-0.000 χ^2/NDF : 719140540299.7/16

1.291+/-0.000 χ^2/NDF : 1433658826417.5/25

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 : 13572294.9/14

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

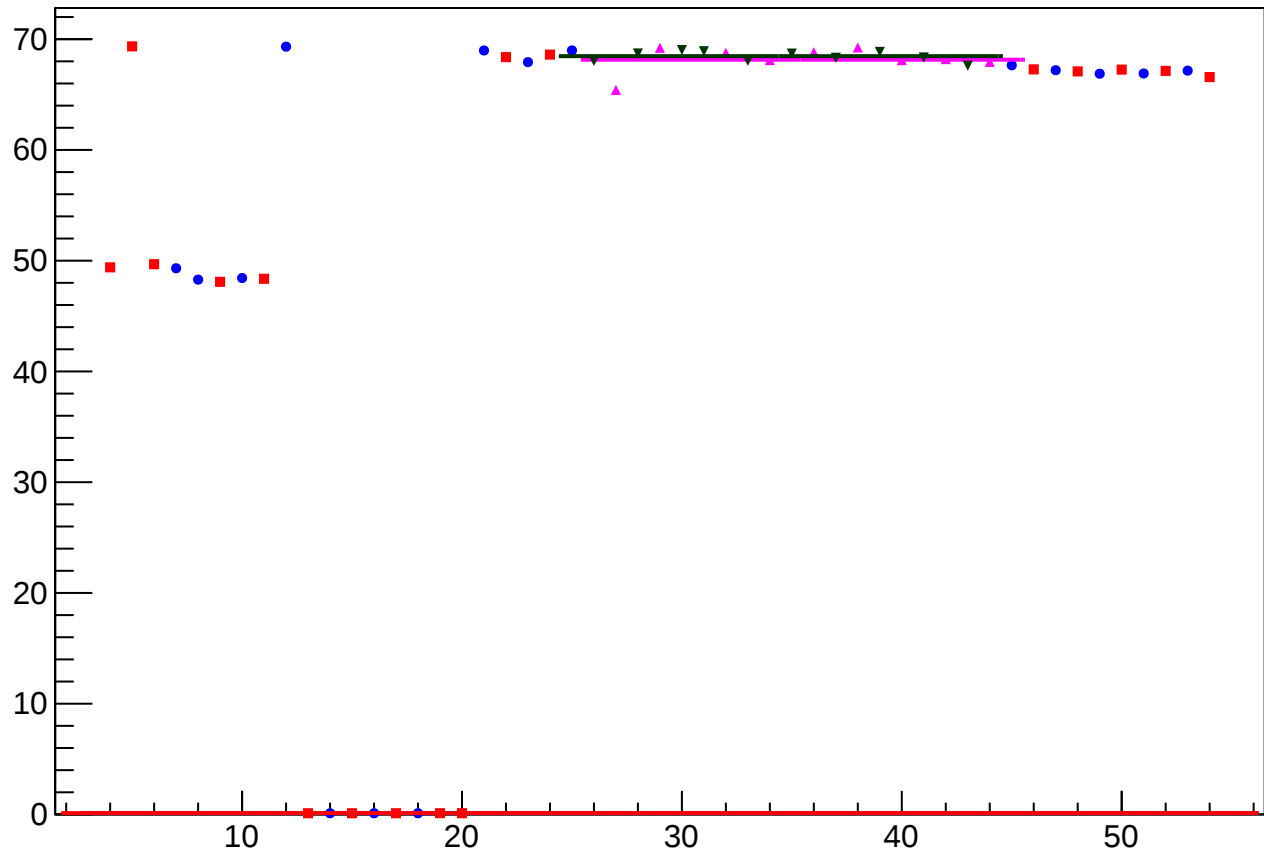
Right Out: 0.001+/-0.000 χ^2/NDF : 11741085.3/16

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

0.001+/-0.000 χ^2/NDF : 23877962.8/24

0.001+/-0.000 χ^2/NDF : 22541573.2/25

yield_bcm_an_us_mean vs slug



Right In: 0.123+/-0.000 χ^2/NDF : 852413648427.0/14

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

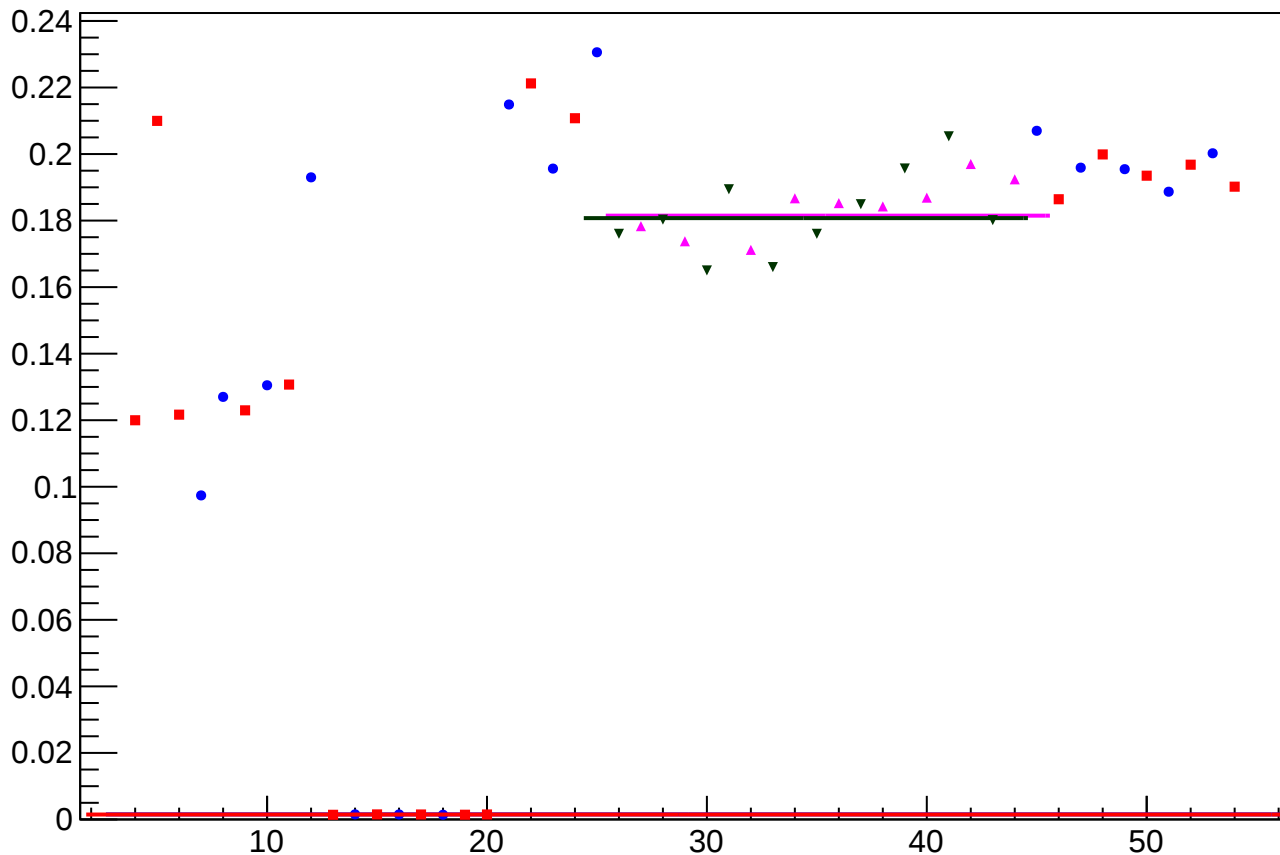
Right Out: 0.120+/-0.000 χ^2/NDF : 761197318396.9/16

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

0.134+/-0.000 χ^2/NDF : 1589040118276.4/24

0.129+/-0.000 χ^2/NDF : 1523107850919.6/25

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 13389991.2/14

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

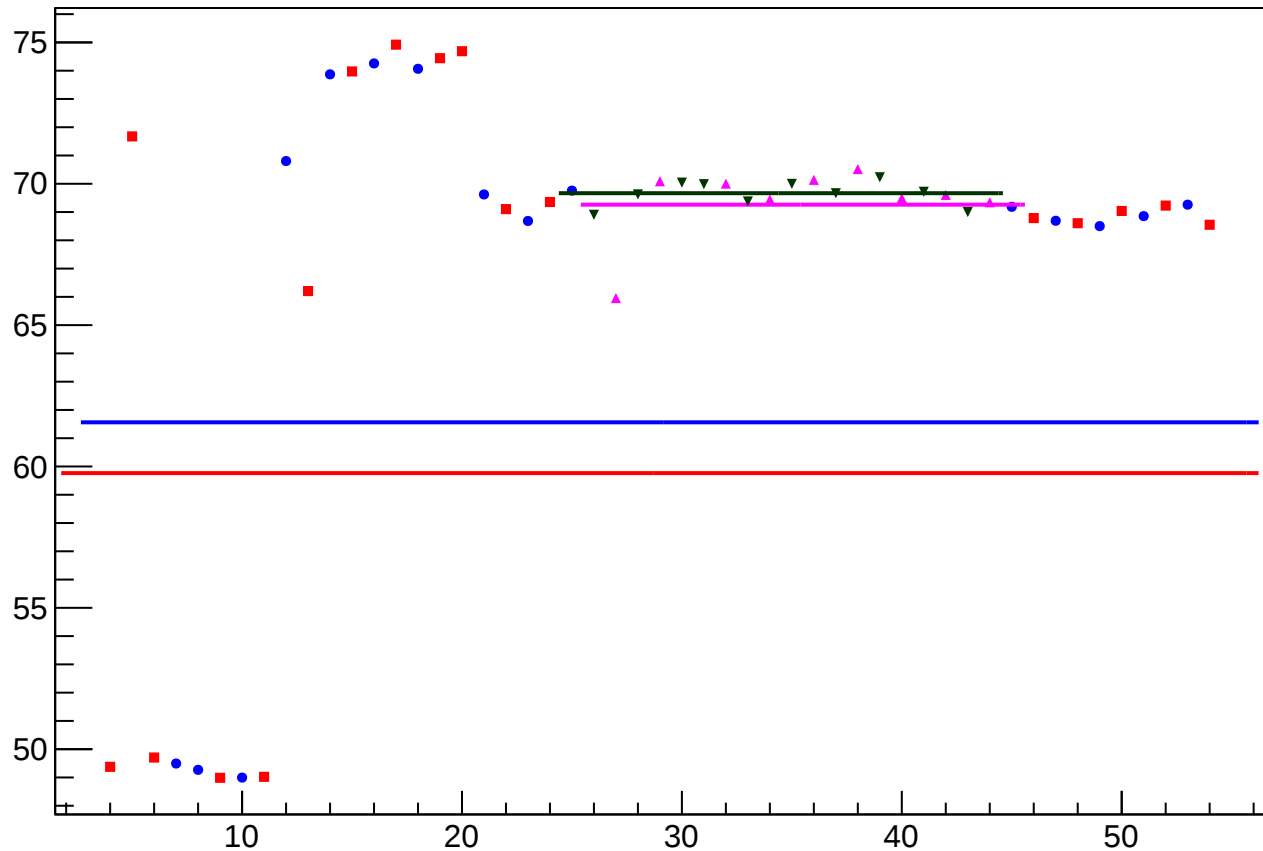
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 11599292.7/16

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

0.002 $\pm$ 0.000 χ^2 /NDF: 23563764.8/24

0.002 $\pm$ 0.000 χ^2 /NDF: 22286183.2/25

yield_bcm_dg_us_mean vs slug



Right In: 61.562 $\pm$ 0.000 χ^2/NDF : 31571263676.3/14

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

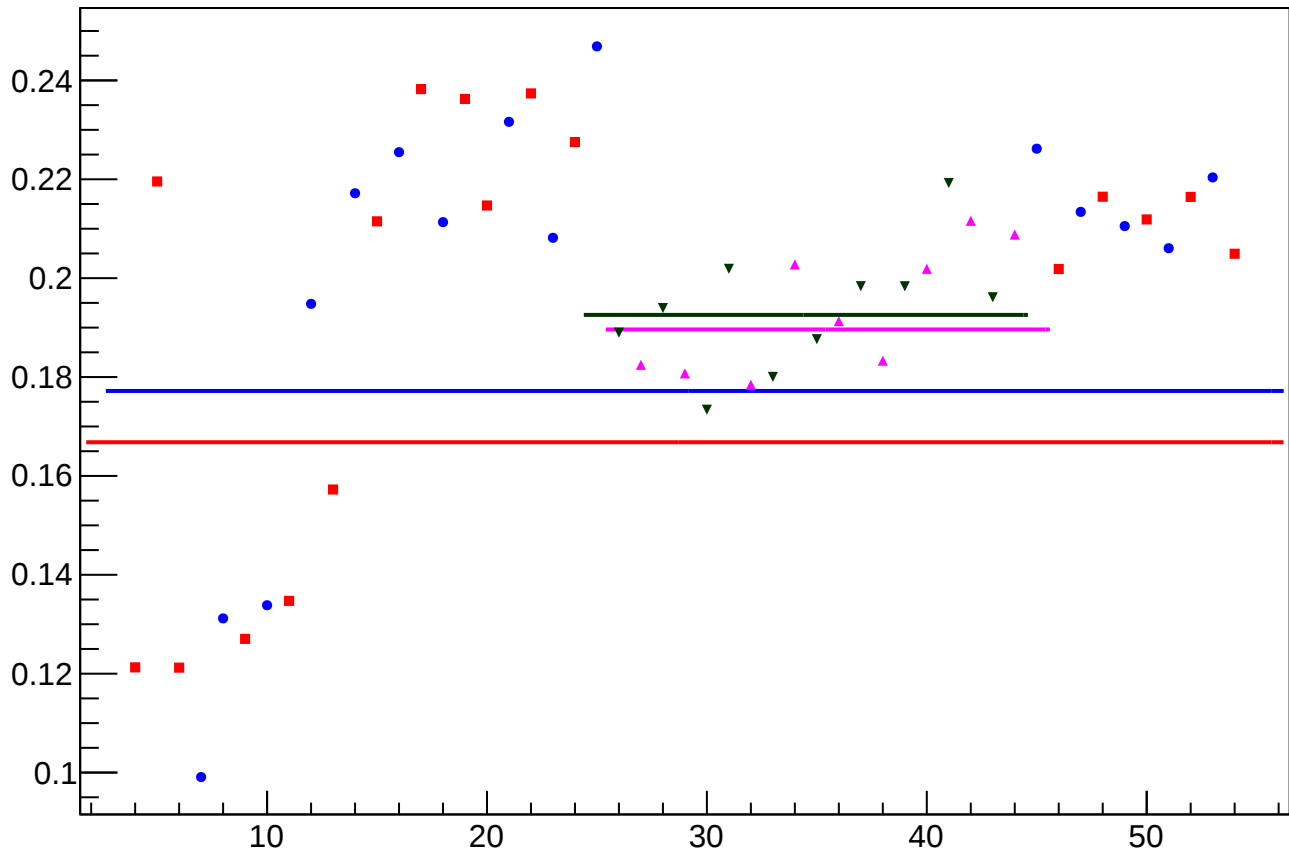
64.309 $\pm$ 0.000 χ^2/NDF : 37644288851.8/24

Right Out: 59.765 $\pm$ 0.000 χ^2/NDF : 31191773239.1/16

63.045 $\pm$ 0.000 χ^2/NDF : 40390474490.8/25

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

yield_bcm_dg_us_rms vs slug



Right In: 0.177+/-0.000 χ^2/NDF : 1152211.8/14

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

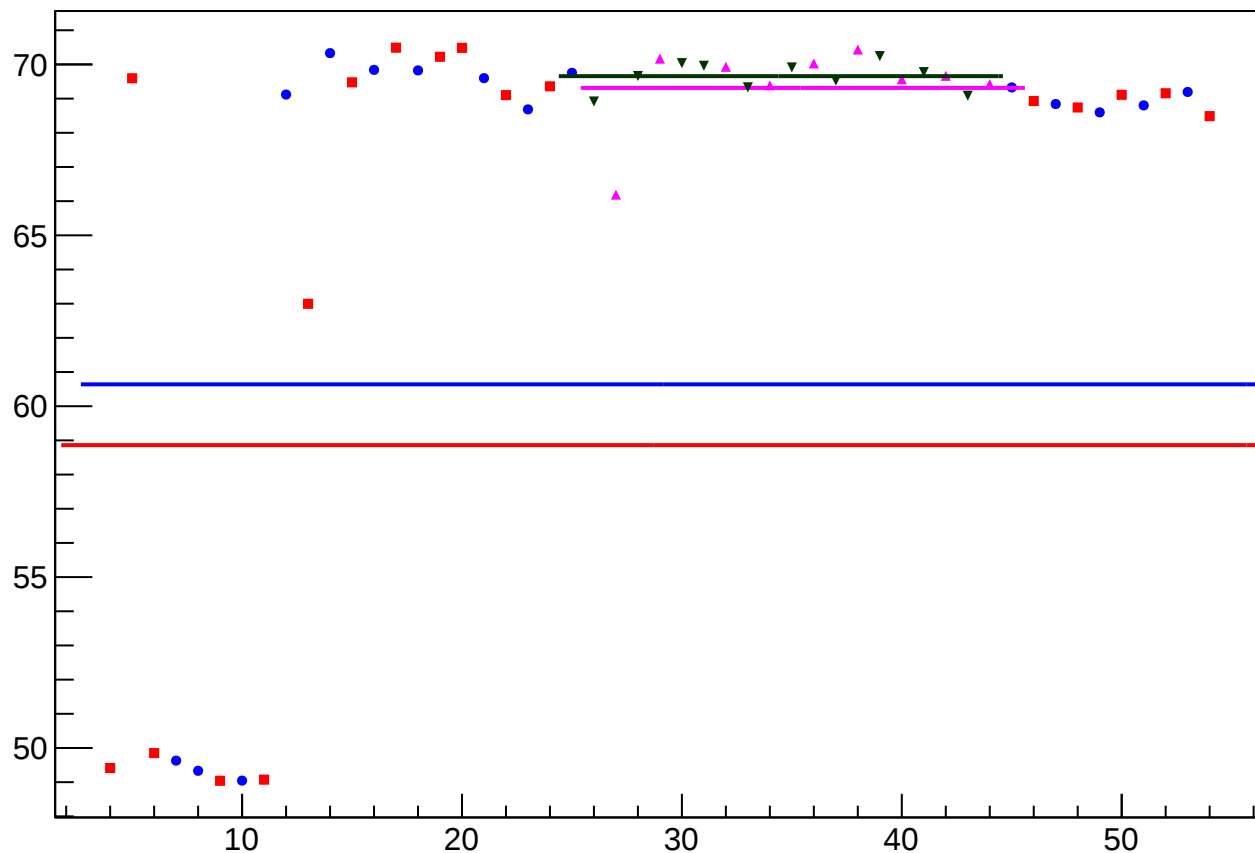
Right Out: 0.167+/-0.000 χ^2/NDF : 1097872.5/16

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

0.182+/-0.000 χ^2/NDF : 1234511.5/24

0.175+/-0.000 χ^2/NDF : 1241551.8/25

yield_bcm_dg_ds_mean vs slug



Right In: 60.640 $\pm$ 0.000 χ^2 /NDF: 28213173224.4/14

Left Out: 69.657 $\pm$ 0.000 χ^2 /NDF: 23922100.2/9

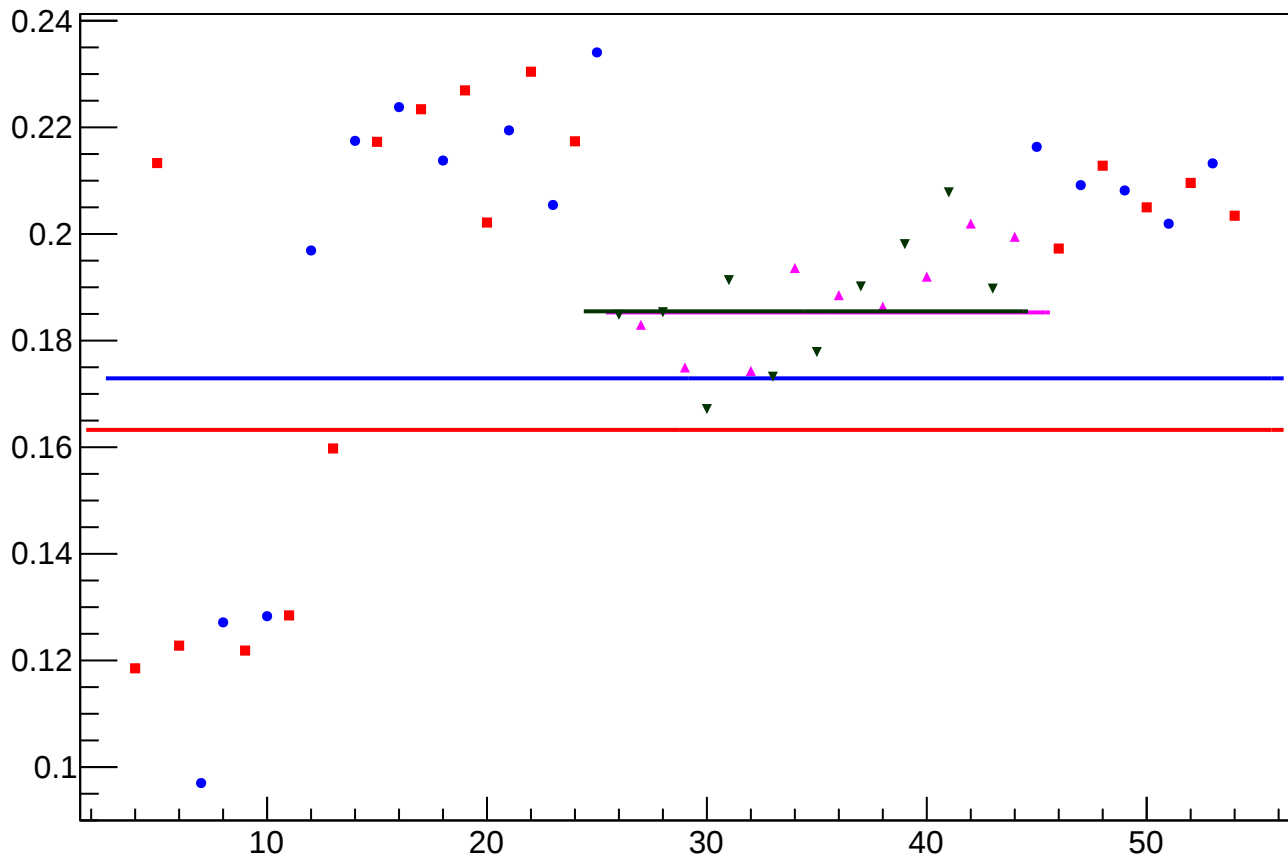
Right Out: 58.862 $\pm$ 0.000 χ^2 /NDF: 27258902166.0/16

Left In: 69.314 $\pm$ 0.000 χ^2 /NDF: 295096532.4/8

63.754 $\pm$ 0.000 χ^2 /NDF: 36234016691.4/24

62.485 $\pm$ 0.000 χ^2 /NDF: 38814342597.8/25

yield_bcm_dg_ds_rms vs slug



Right In: 0.173+/-0.000 χ^2/NDF : 1209341.8/14

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

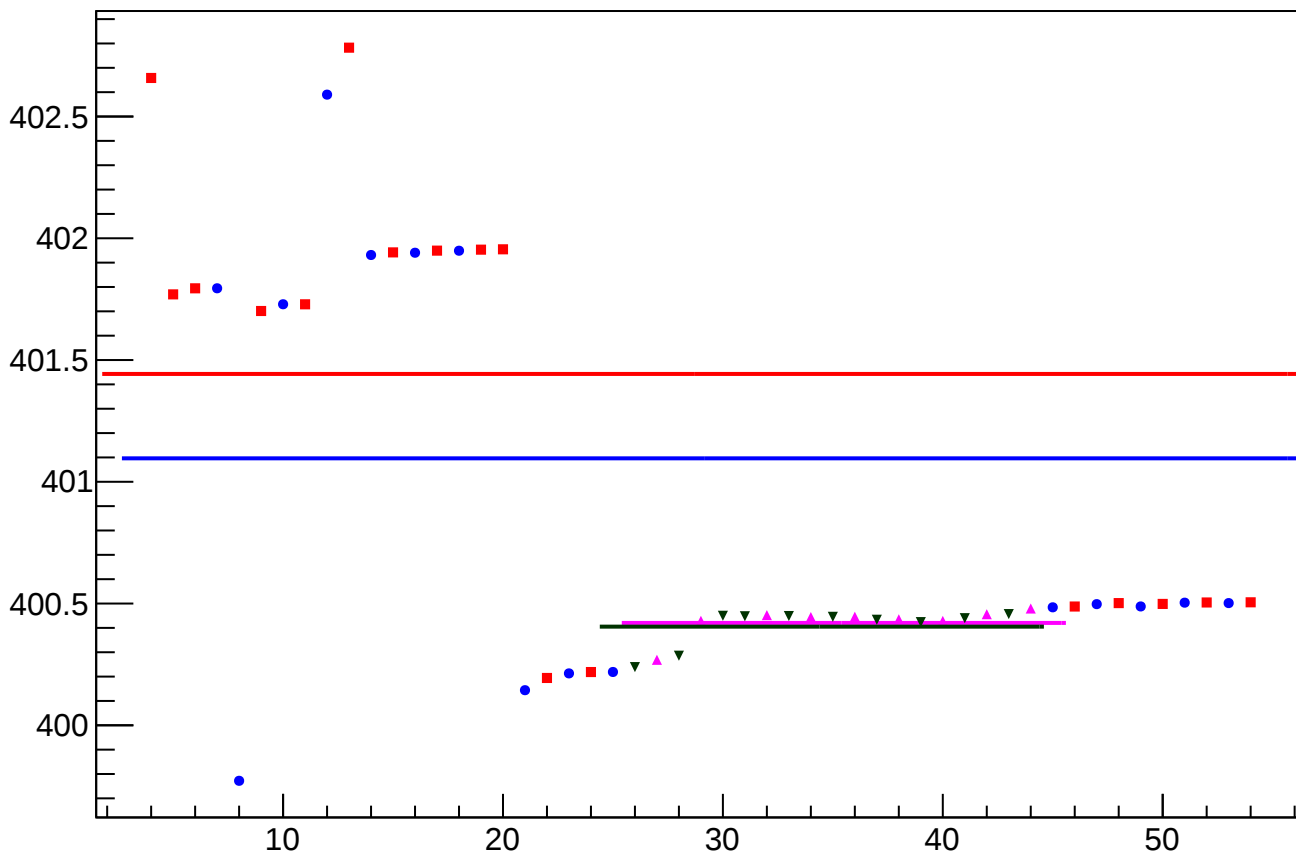
Right Out: 0.163+/-0.000 χ^2/NDF : 1077627.8/16

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

0.177+/-0.000 χ^2/NDF : 1279087.6/24

0.171+/-0.000 χ^2/NDF : 1205607.5/25

yield_cav4bQ_mean vs slug



Right In: 401.096+/-0.000 χ^2/NDF : 158414294458.8/14

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

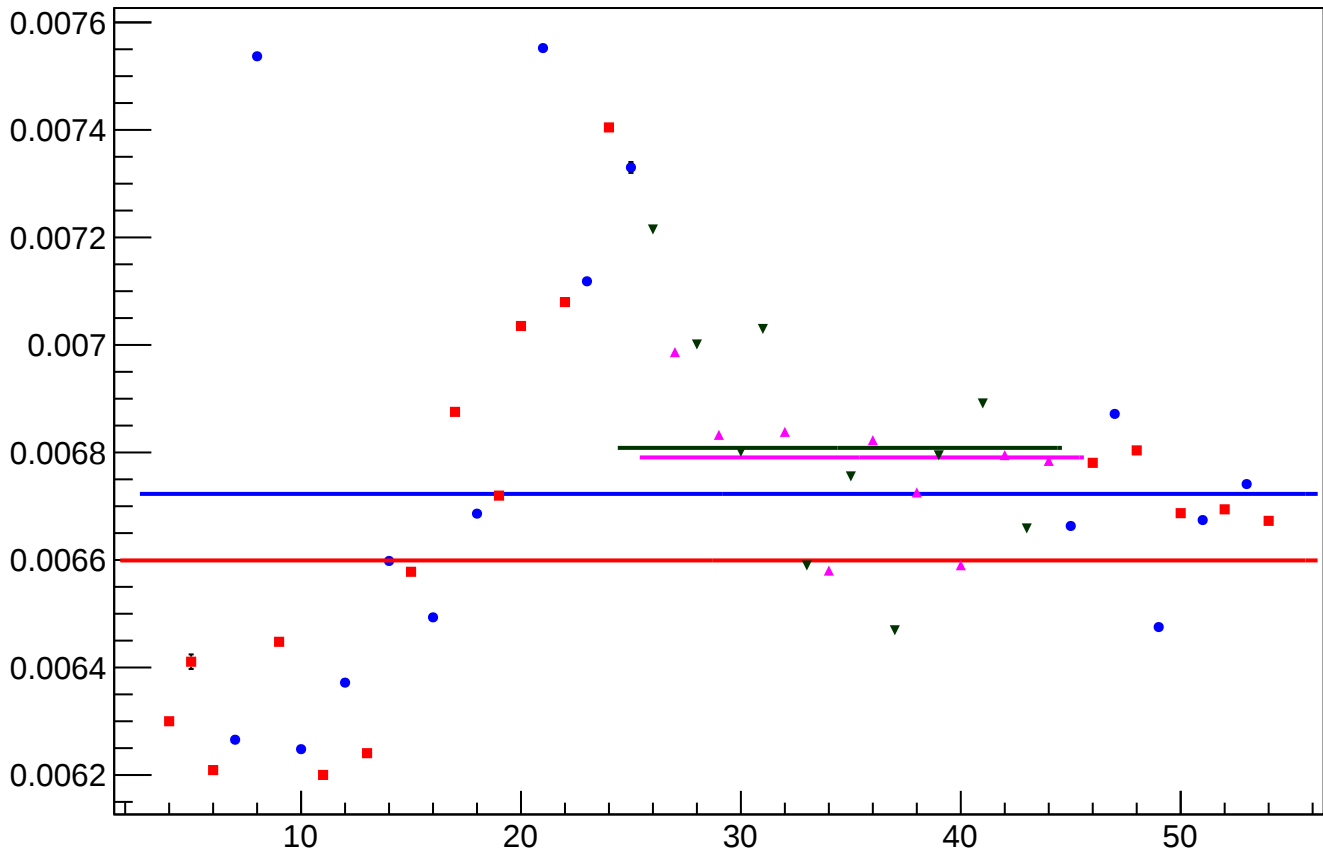
Right Out: 401.443+/-0.000 χ^2/NDF : 155885934212.0/16

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

400.848+/-0.000 χ^2/NDF : 194595199240.2/24

401.062+/-0.000 χ^2/NDF : 236622300483.7/25

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 66496.2/14

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

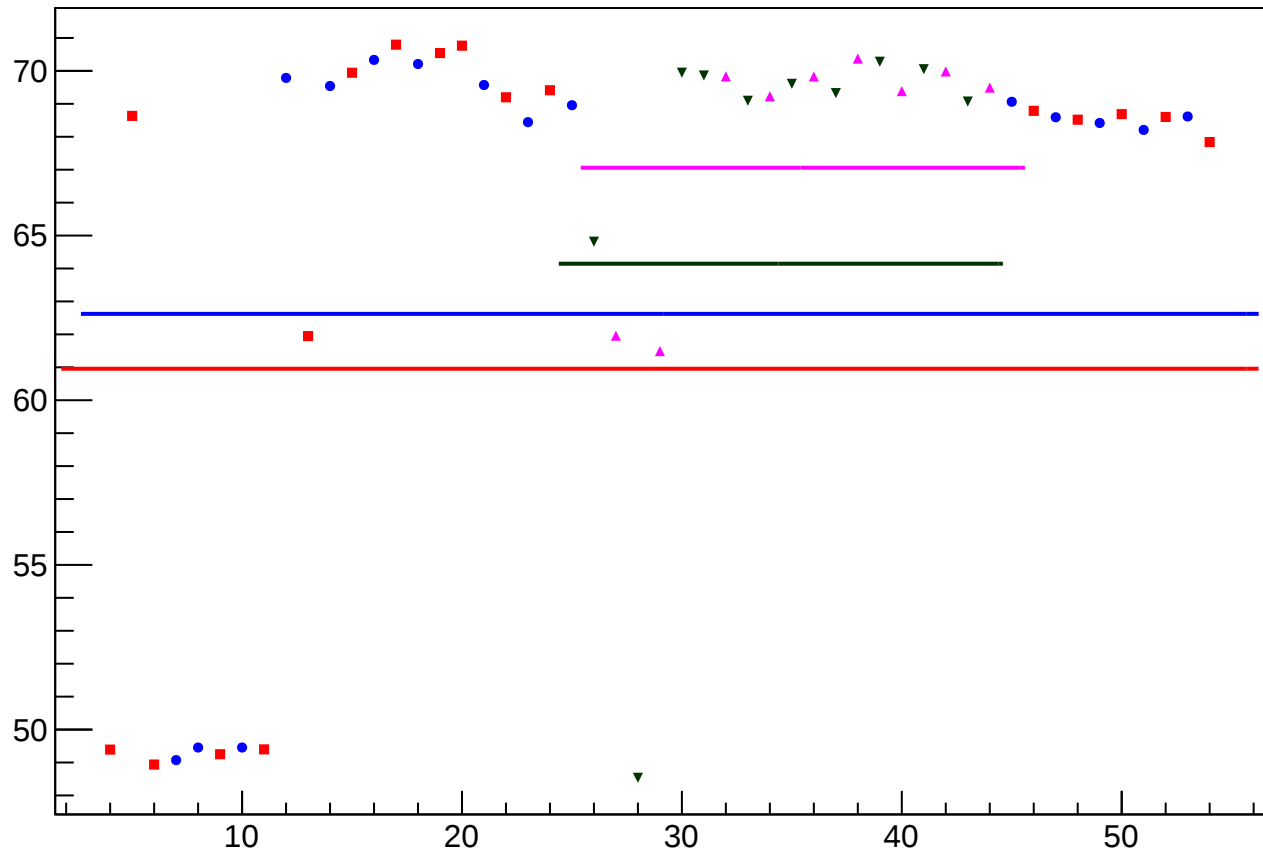
0.007+/-0.000 χ^2/NDF : 77370.7/24

Right Out: 0.007+/-0.000 χ^2/NDF : 44927.2/16

0.007+/-0.000 χ^2/NDF : 54106.8/25

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

yield_cav4cQ_mean vs slug



Right In: 62.623+/-0.000 χ^2/NDF : 16302432468.4/14

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

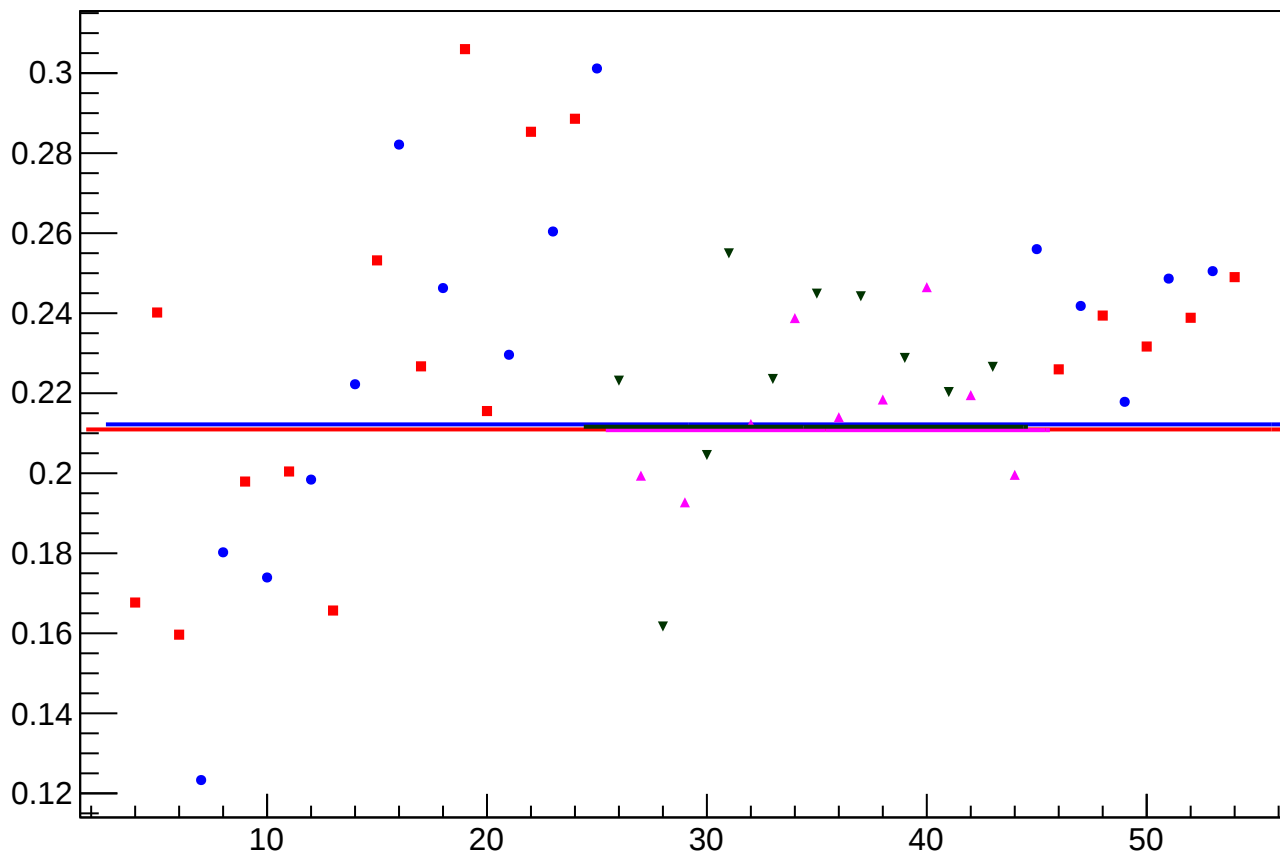
63.178+/-0.000 χ^2/NDF : 24992936980.4/24

Right Out: 60.957+/-0.000 χ^2/NDF : 14633345973.6/16

63.386+/-0.000 χ^2/NDF : 18842630414.2/25

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

yield_cav4cQ_rms vs slug



Right In: 0.212+/-0.000 χ^2/NDF : 621958.6/14

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

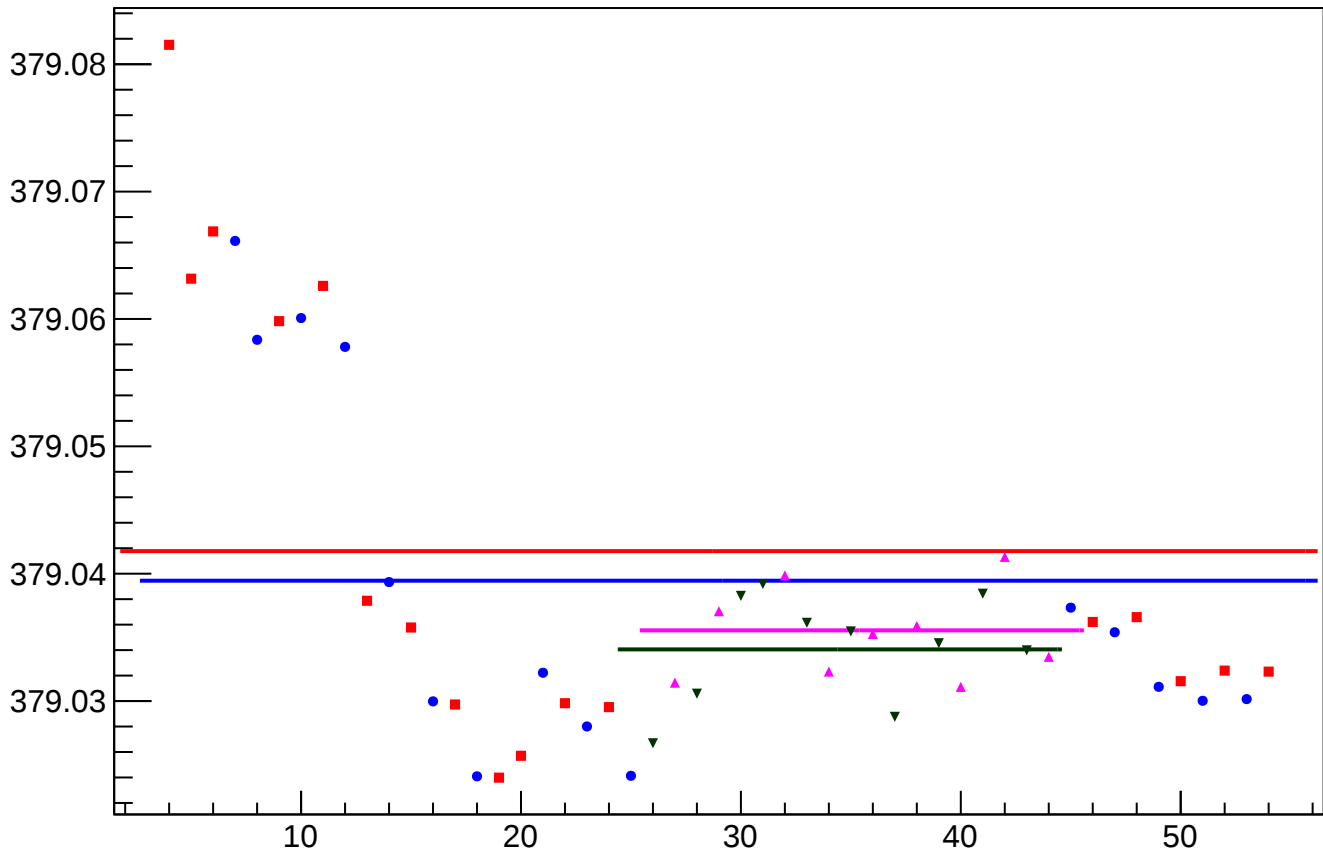
Right Out: 0.211+/-0.000 χ^2/NDF : 558256.8/16

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

0.212+/-0.000 χ^2/NDF : 823419.8/24

0.211+/-0.000 χ^2/NDF : 612854.4/25

yield_cav4dQ_mean vs slug



Right In: 379.039 $\pm$ 0.000 χ^2 /NDF: 32895586.1/14

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

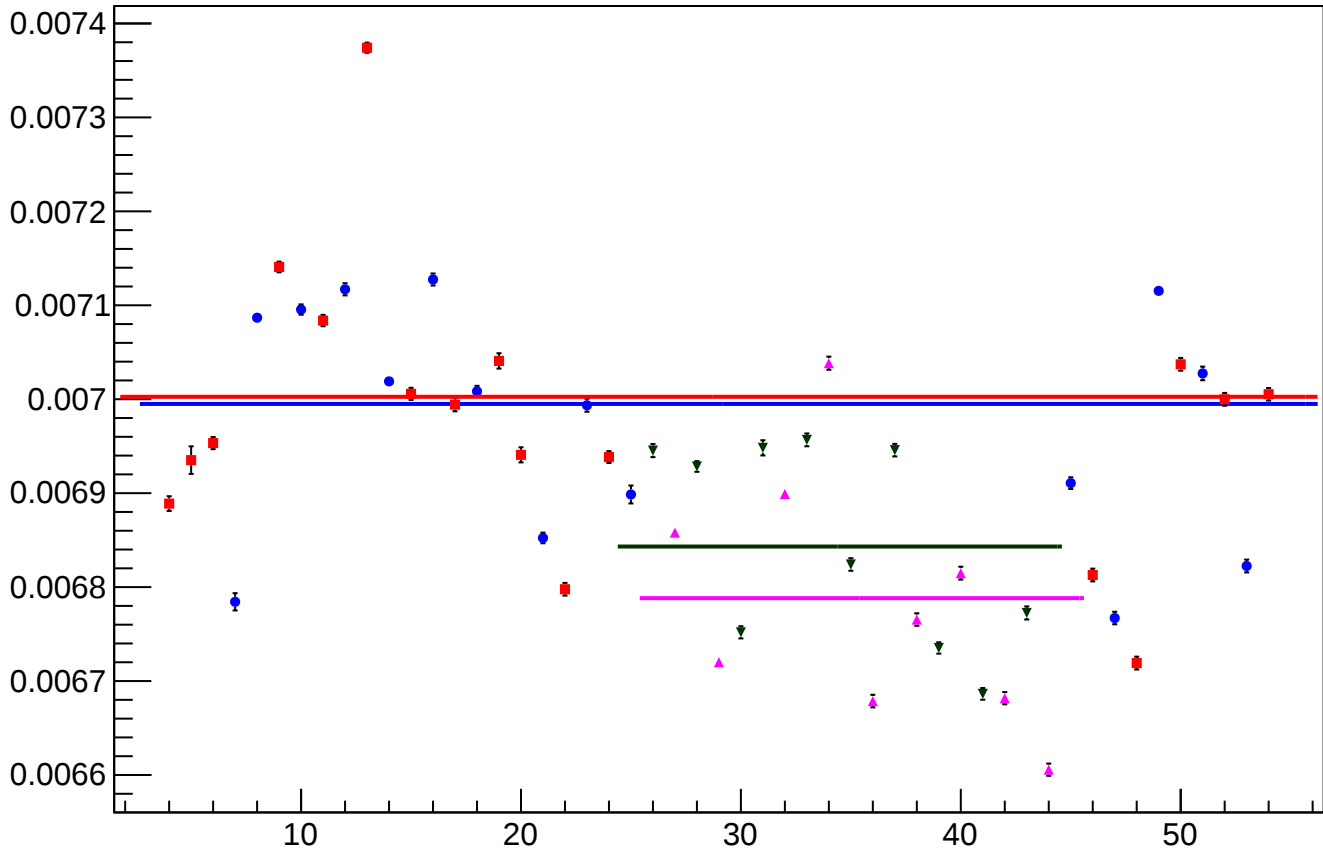
379.037 $\pm$ 0.000 χ^2 /NDF: 36779973.3/24

Right Out: 379.042 $\pm$ 0.000 χ^2 /NDF: 46085754.9/16

379.039 $\pm$ 0.000 χ^2 /NDF: 50390563.6/25

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

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 5209.2/14

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

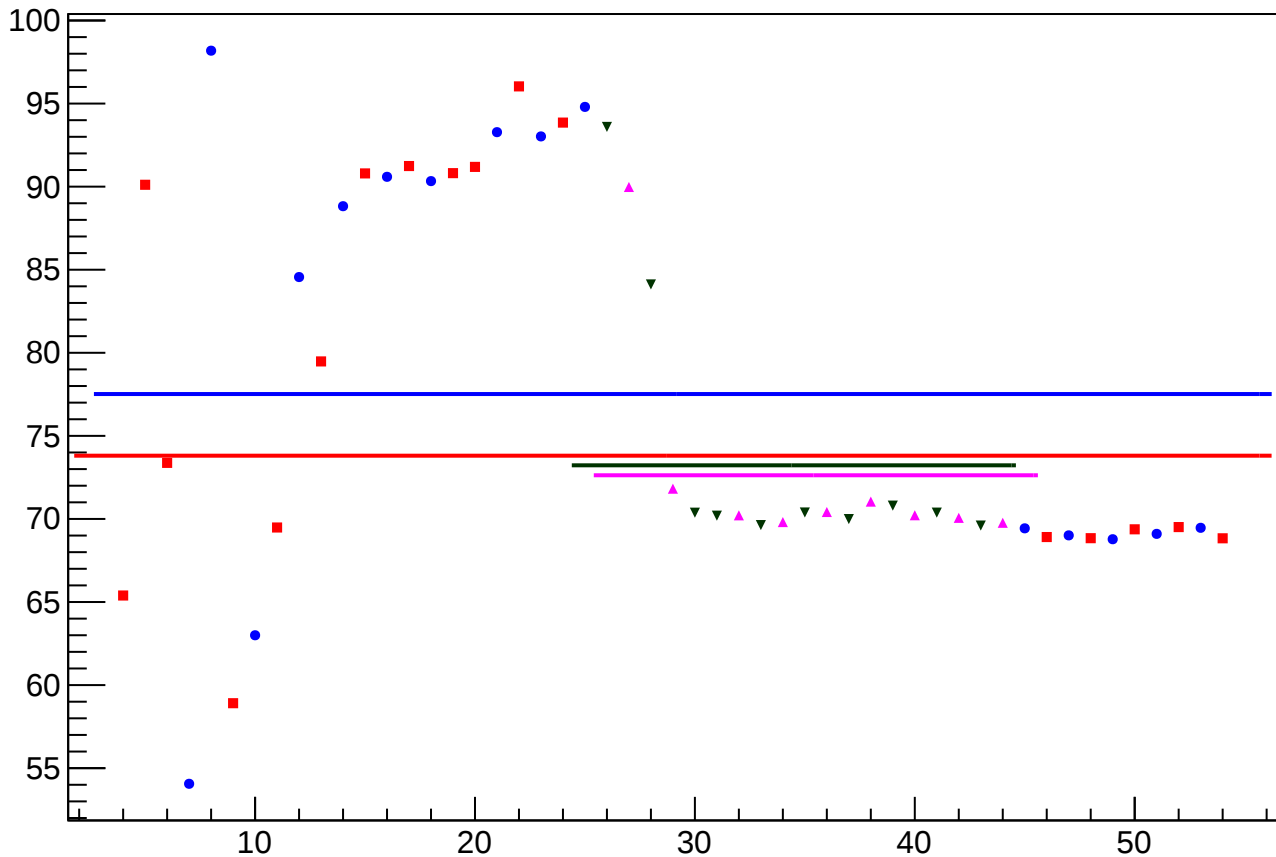
Right Out: 0.007+/-0.000 χ^2/NDF : 9440.6/16

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

0.007+/-0.000 χ^2/NDF : 10914.3/24

0.007+/-0.000 χ^2/NDF : 19626.4/25

yield_bcm0l02_mean vs slug



Right In: 77.517 $\pm$ 0.000 χ^2/NDF : 19552743229.3/14

Left Out: 73.228 $\pm$ 0.000 χ^2/NDF : 3731942896.0/9

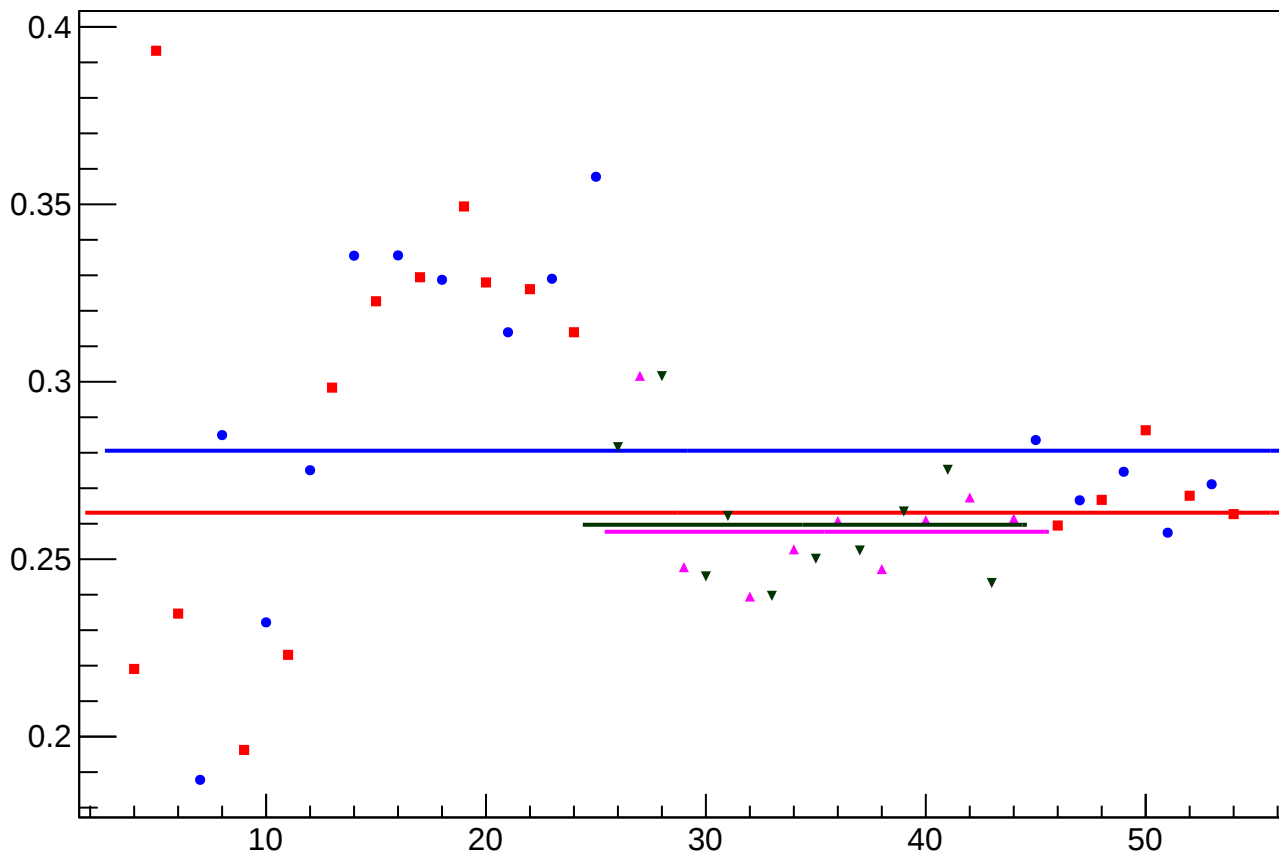
Right Out: 73.807 $\pm$ 0.000 χ^2/NDF : 14574175659.8/16

Left In: 72.628 $\pm$ 0.000 χ^2/NDF : 2928852368.6/8

75.783 $\pm$ 0.000 χ^2/NDF : 24086667595.9/24

73.322 $\pm$ 0.000 χ^2/NDF : 17567665450.2/25

yield_bcm0l02_rms vs slug



Right In: 0.281+/-0.000 χ^2/NDF : 360088.2/14

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

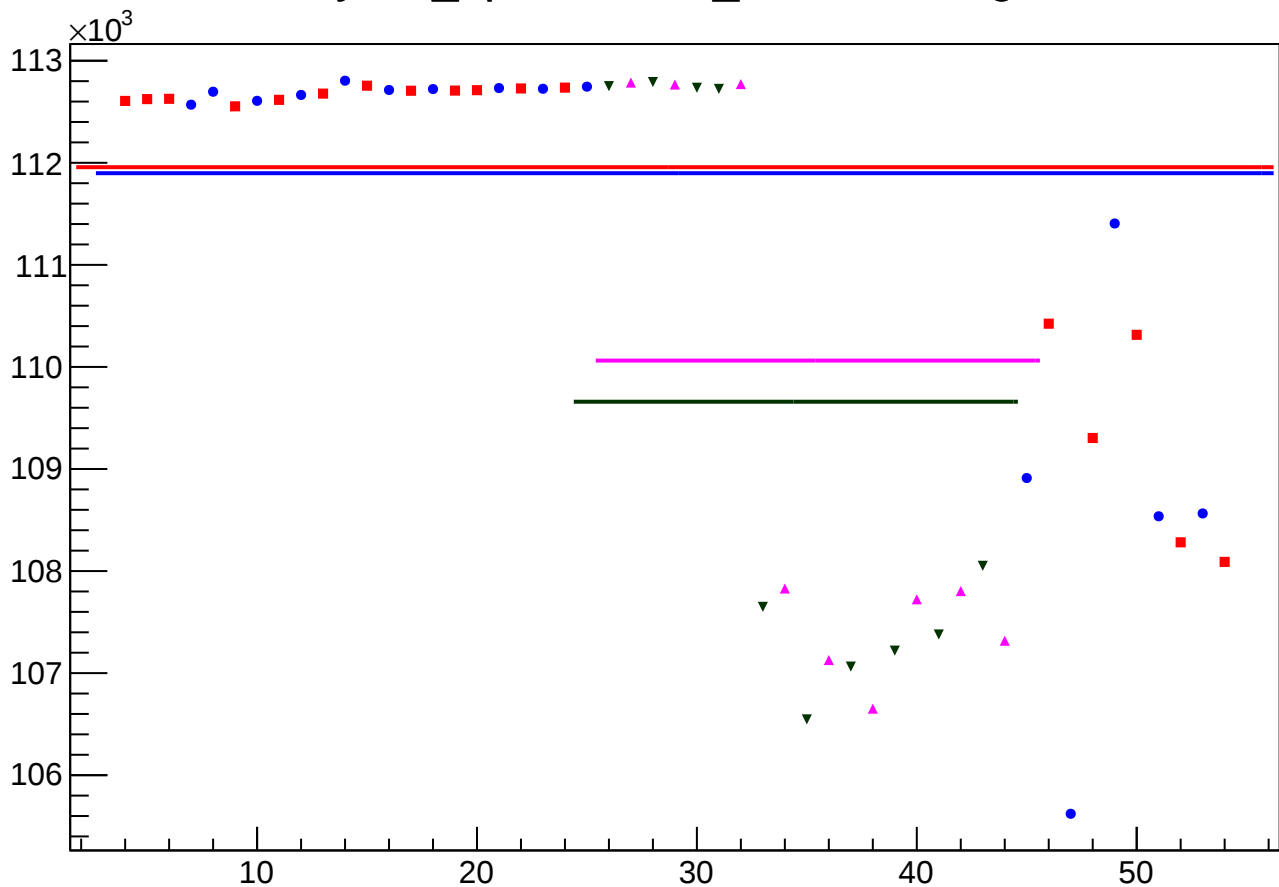
Right Out: 0.263+/-0.000 χ^2/NDF : 489769.9/16

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

0.272+/-0.000 χ^2/NDF : 445925.3/24

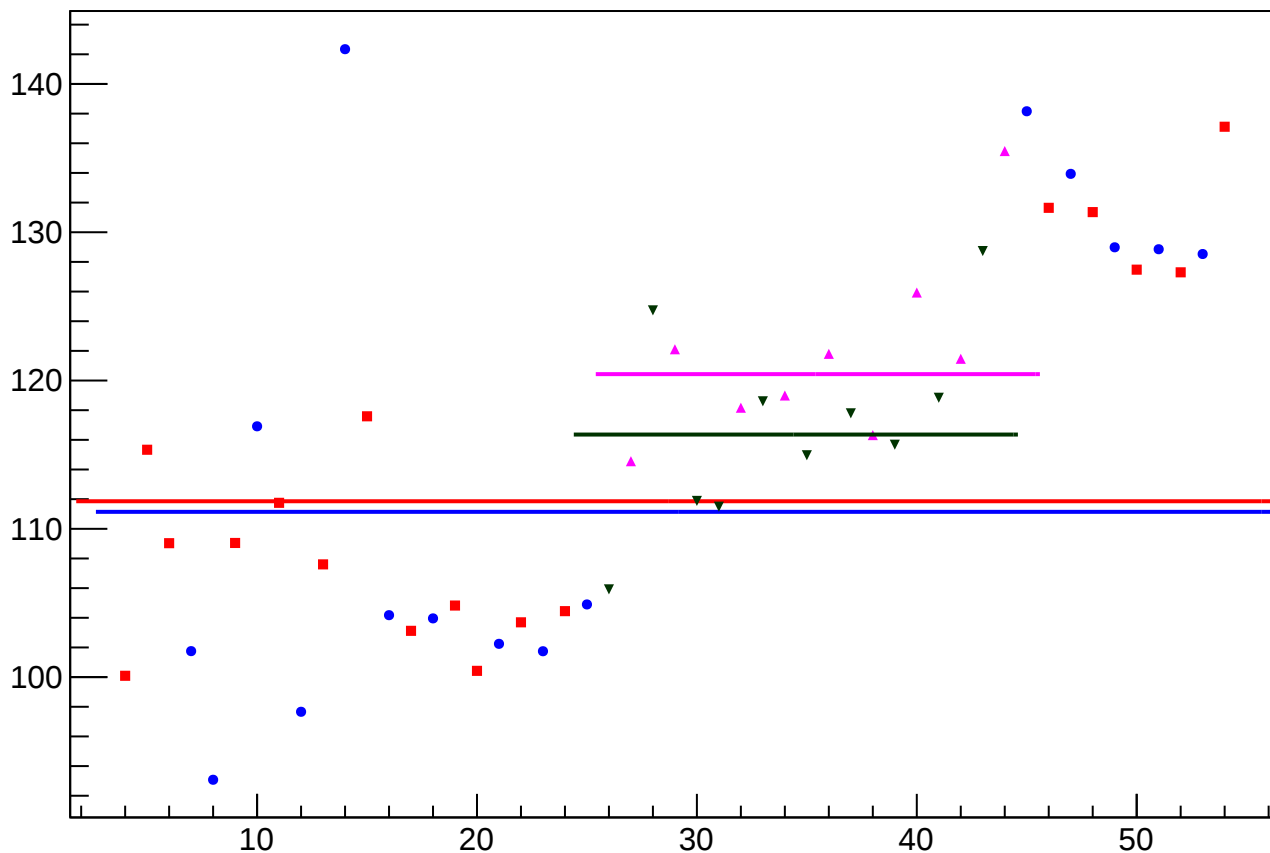
0.261+/-0.000 χ^2/NDF : 541620.9/25

yield_bpm2i01WS_mean vs slug



Right In: 111898.305 $\pm$ 0.037	χ^2 /NDF: 2193543547.7/14	111149.505 $\pm$ 0.031	χ^2 /NDF: 6076305547.8/24
Left Out: 109659.144 $\pm$ 0.053	χ^2 /NDF: 2686861752.7/9		
Right Out: 111957.132 $\pm$ 0.039	χ^2 /NDF: 1448149518.0/16	111302.320 $\pm$ 0.031	χ^2 /NDF: 4865948593.6/25
Left In: 110062.356 $\pm$ 0.053	χ^2 /NDF: 2589754971.8/8		

yield_bpm2i01WS_rms vs slug



Right In: 111.146 ± 0.026 χ^2/NDF : 354747.2/14

Left Out: 116.357 ± 0.037 χ^2/NDF : 26817.0/9

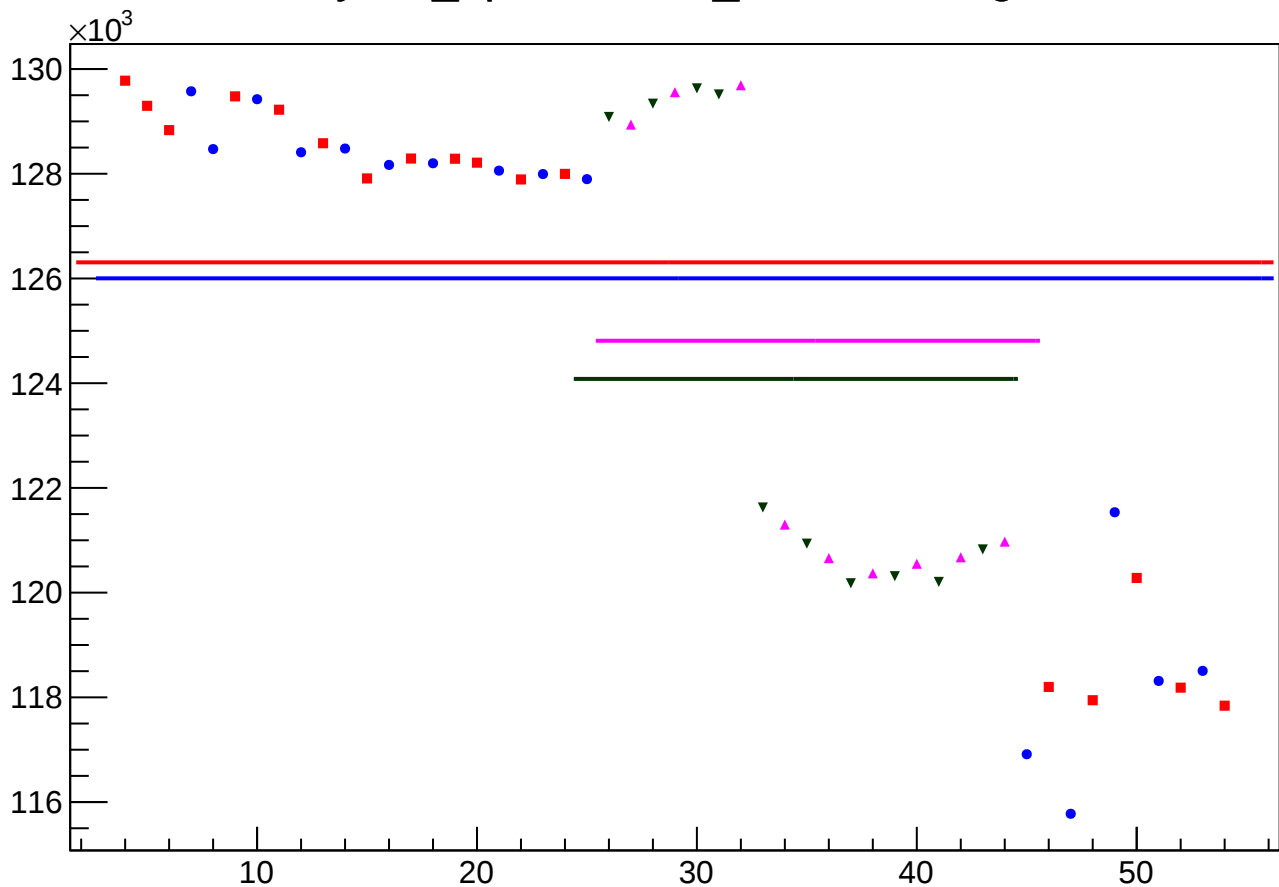
Right Out: 111.860 ± 0.027 χ^2/NDF : 149244.7/16

Left In: 120.432 ± 0.038 χ^2/NDF : 18918.6/8

112.889 ± 0.022 χ^2/NDF : 394520.7/24

114.822 ± 0.022 χ^2/NDF : 202058.1/25

yield_bpm0i07WS_mean vs slug



Right In: 126002.552 $\pm$ 0.061 χ^2 /NDF: 5057860079.6/14

Left Out: 124081.986 $\pm$ 0.090 χ^2 /NDF: 2292578151.5/9

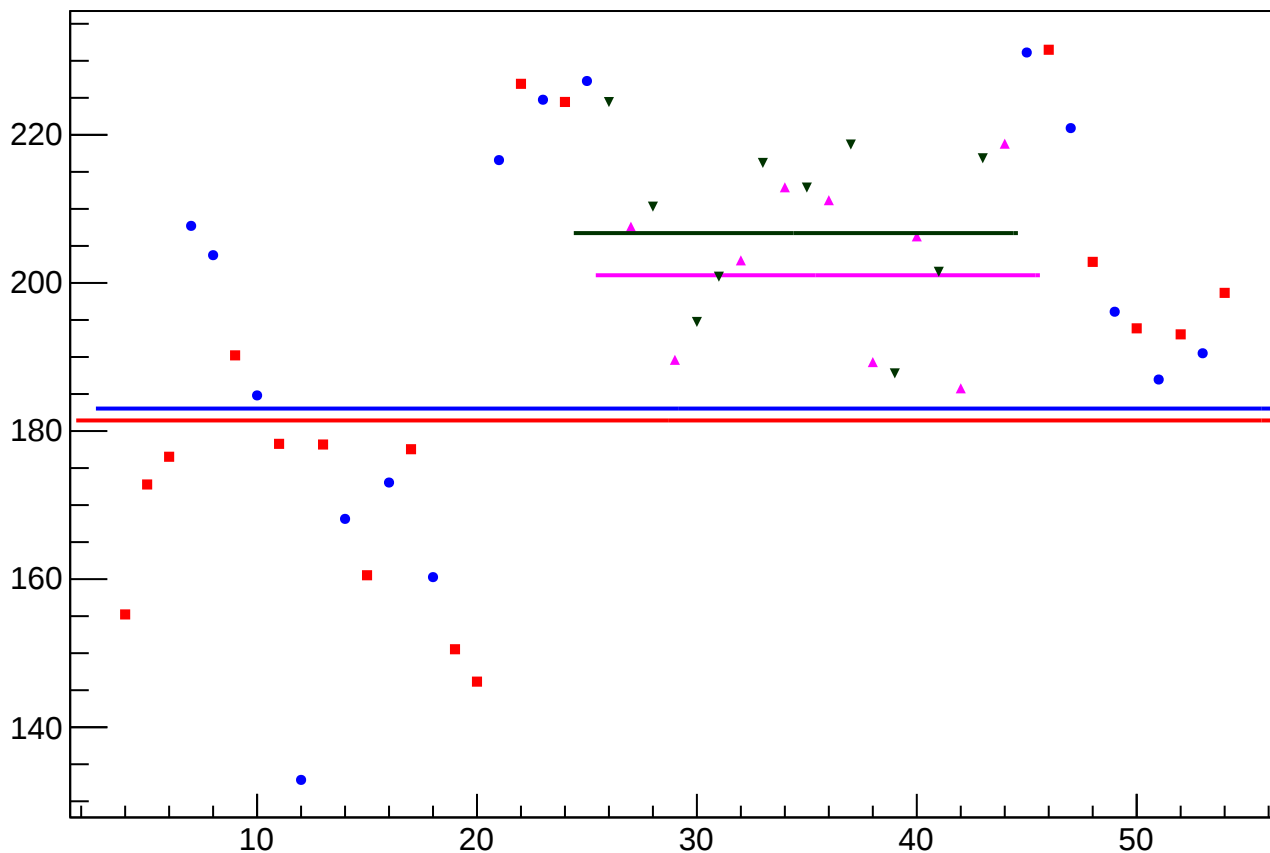
Right Out: 126307.947 $\pm$ 0.062 χ^2 /NDF: 4762091598.8/16

Left In: 124810.637 $\pm$ 0.085 χ^2 /NDF: 2608172131.0/8

125397.362 $\pm$ 0.051 χ^2 /NDF: 7661934376.2/24

125784.750 $\pm$ 0.050 χ^2 /NDF: 7571762912.0/25

yield_bpm0i07WS_rms vs slug



Right In: 183.037 ± 0.043 χ^2/NDF : 415874.2/14

Left Out: 206.733 ± 0.064 χ^2/NDF : 32612.0/9

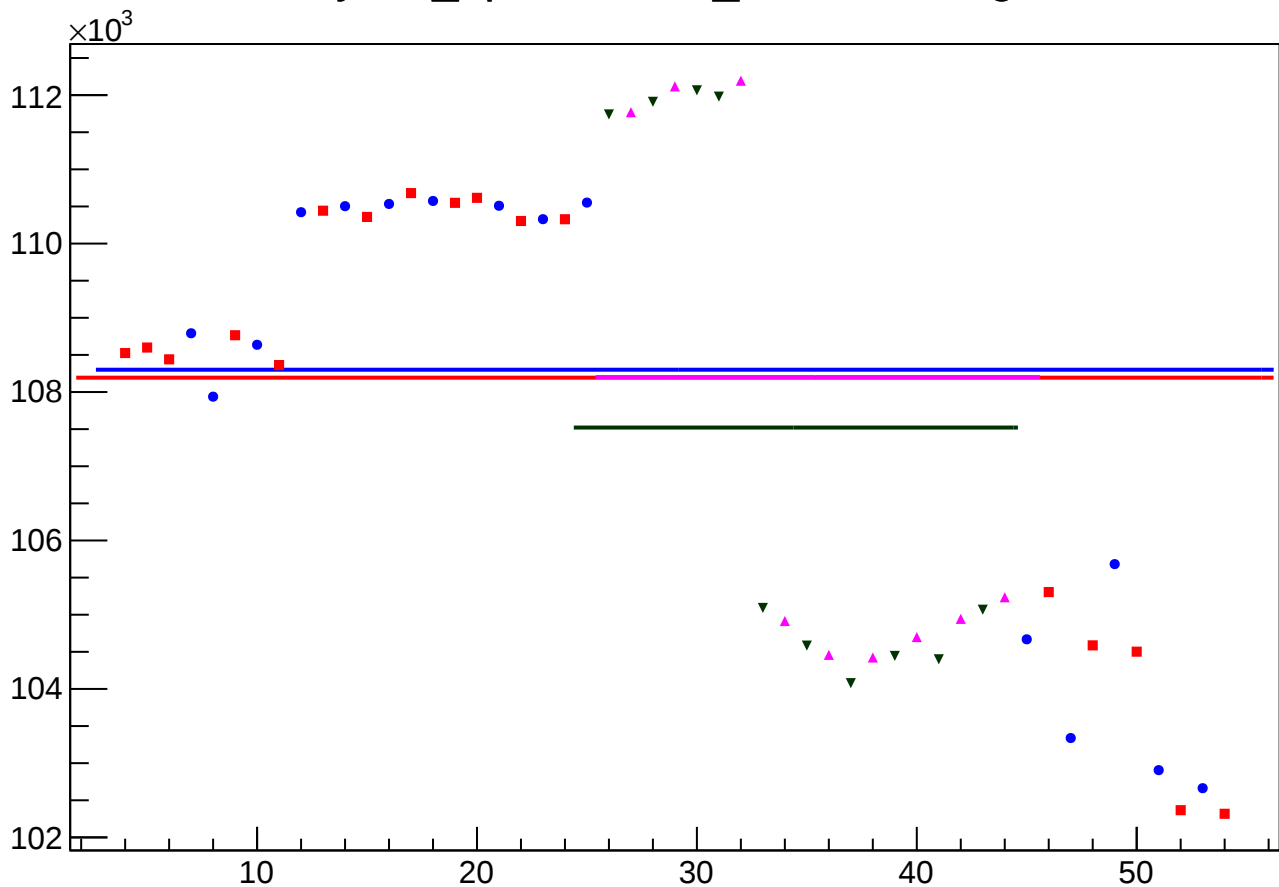
Right Out: 181.430 ± 0.044 χ^2/NDF : 259687.2/16

Left In: 201.040 ± 0.060 χ^2/NDF : 31613.0/8

190.504 ± 0.036 χ^2/NDF : 543323.1/24

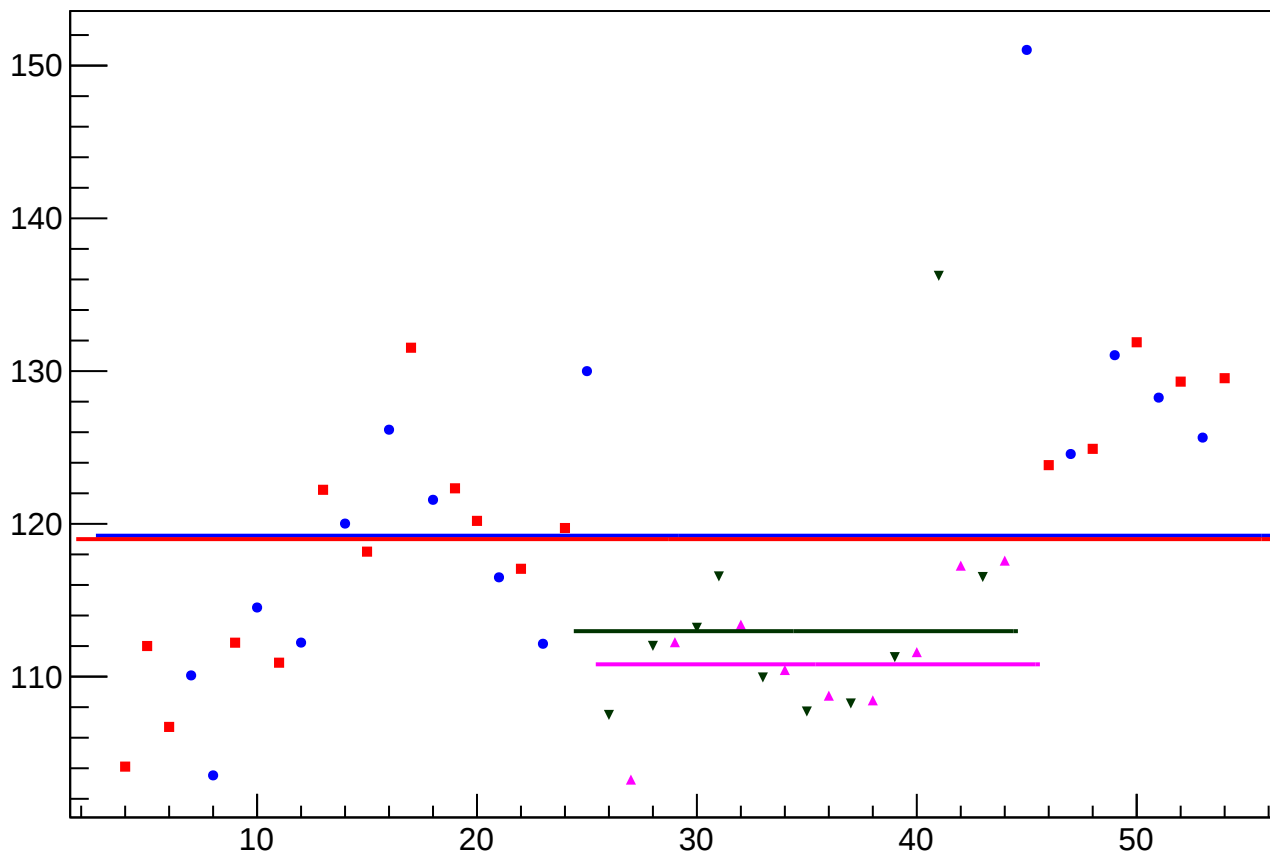
188.282 ± 0.036 χ^2/NDF : 360425.3/25

yield_bpm0l01WS_mean vs slug



Right In: 108300.647 $\pm$ 0.040	χ^2 /NDF: 4696398920.8/14	107996.524 $\pm$ 0.031	χ^2 /NDF: 10169286090.4/2
Left Out: 107521.561 $\pm$ 0.049	χ^2 /NDF: 5321162353.6/9		
Right Out: 108193.412 $\pm$ 0.041	χ^2 /NDF: 4494808600.0/16	108196.987 $\pm$ 0.031	χ^2 /NDF: 10479676191.4/2
Left In: 108201.722 $\pm$ 0.047	χ^2 /NDF: 5984849706.8/8		

yield_bpm0l01WS_rms vs slug



Right In: 119.225 ± 0.028 χ^2/NDF : 134053.9/14

Left Out: 112.975 ± 0.035 χ^2/NDF : 42849.8/9

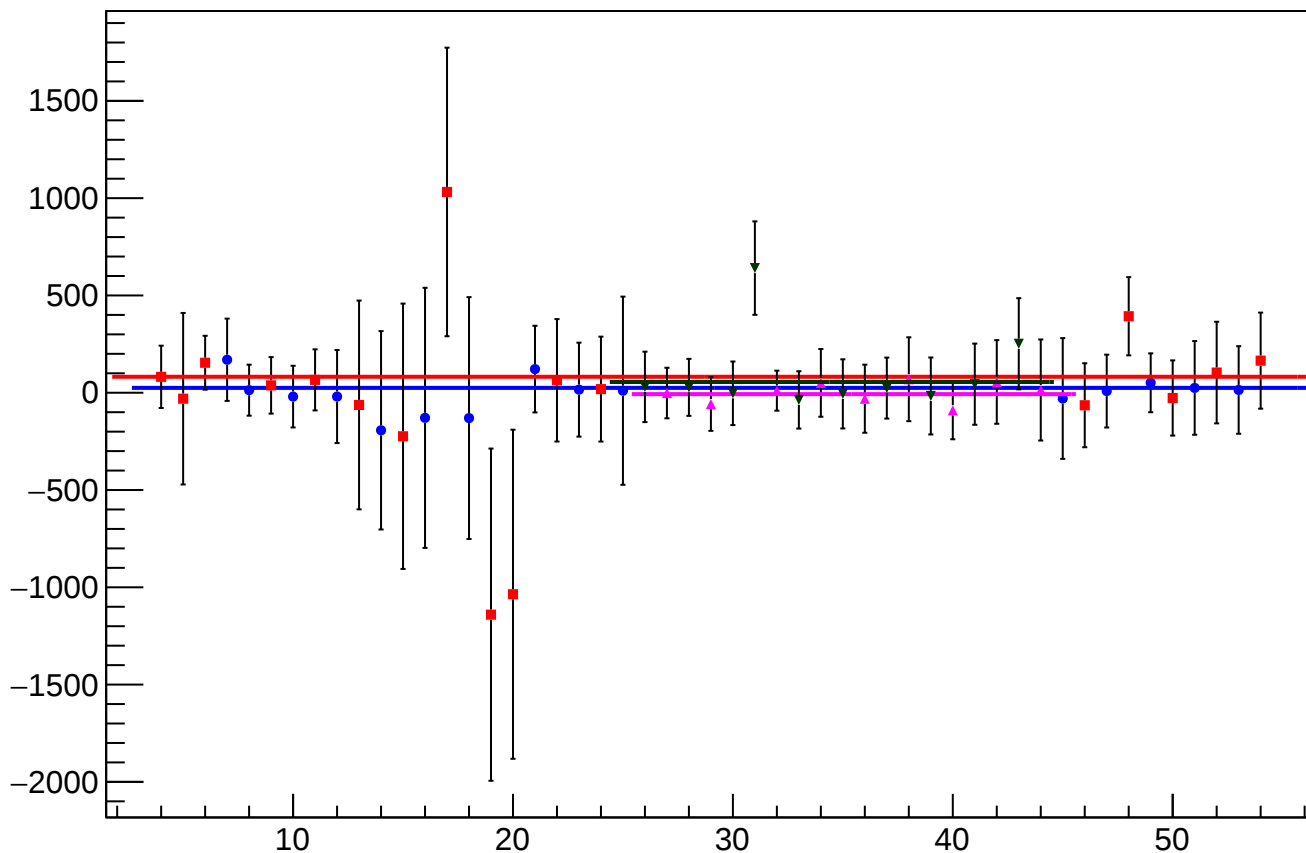
Right Out: 119.000 ± 0.029 χ^2/NDF : 78452.9/16

Left In: 110.804 ± 0.033 χ^2/NDF : 17542.1/8

116.785 ± 0.022 χ^2/NDF : 196426.6/24

115.475 ± 0.022 χ^2/NDF : 130787.3/25

asym_bcm_an_ds_mean vs slug



Right In: 25.020 $\pm$ 56.997 χ^2 /NDF: 1.1/14

Left Out: 55.055 $\pm$ 56.152 χ^2 /NDF: 7.5/9

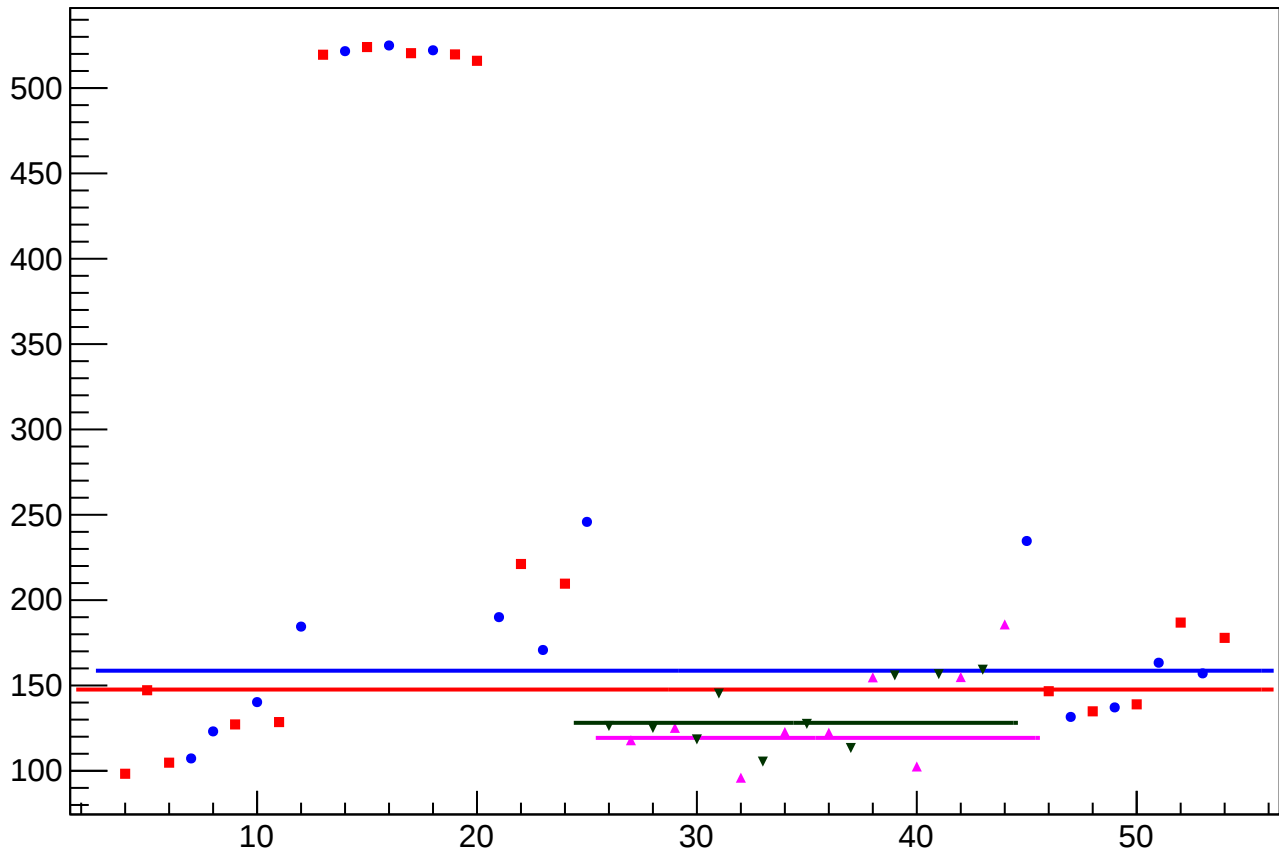
Right Out: 82.067 $\pm$ 55.688 χ^2 /NDF: 9.5/16

Left In: -7.075 $\pm$ 51.612 χ^2 /NDF: 0.8/8

40.262 $\pm$ 40.001 χ^2 /NDF: 8.8/24

34.115 $\pm$ 37.854 χ^2 /NDF: 11.7/25

asym_bcm_an_ds_rms vs slug



Right In: 158.659+/-0.040 χ^2/NDF : 2927195.3/14

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

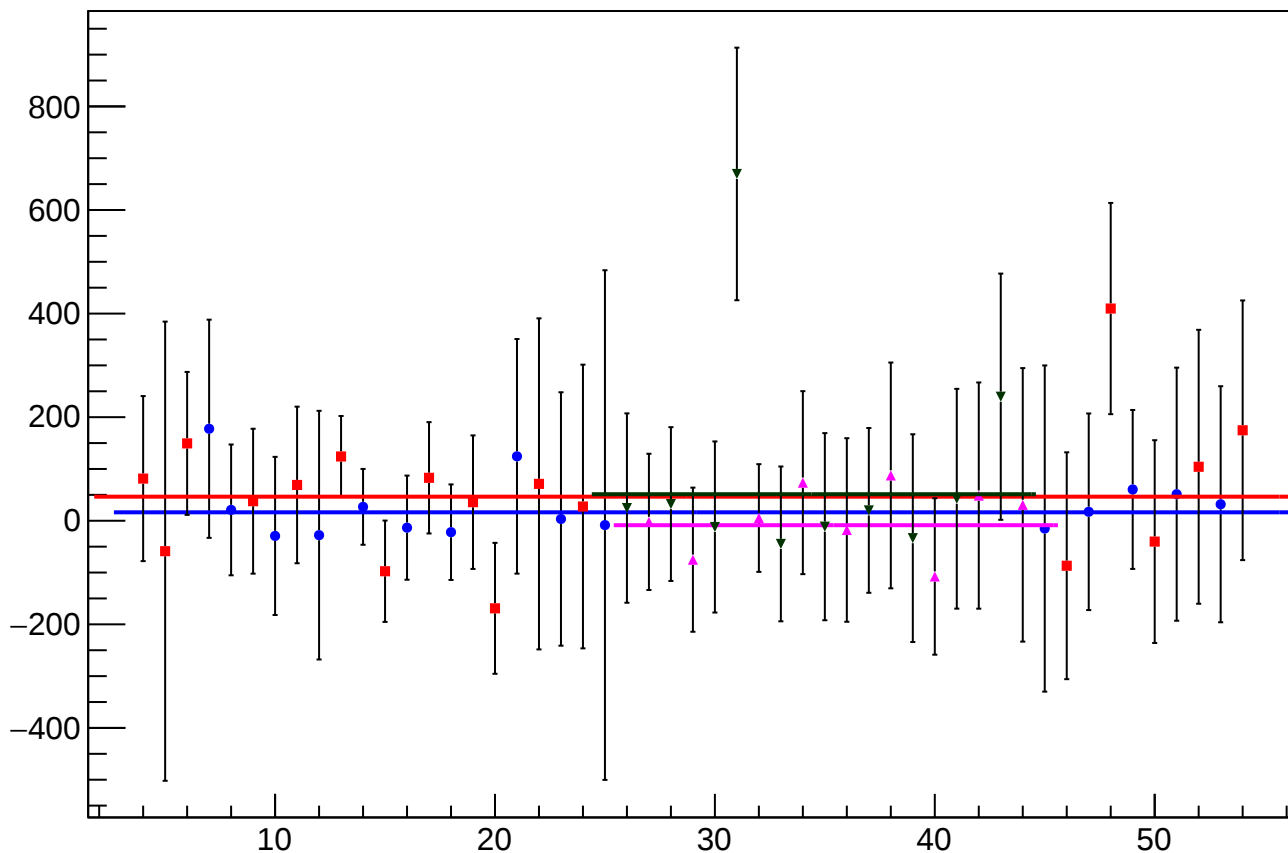
143.164+/-0.028 χ^2/NDF : 3414236.7/24

Right Out: 147.623+/-0.039 χ^2/NDF : 3588059.3/16

132.390+/-0.027 χ^2/NDF : 4240029.3/25

Left In: 119.305+/-0.036 χ^2/NDF :373767.5/8

asym_bcm_an_ds3_mean vs slug



Right In: 16.299 ± 37.656 χ^2/NDF : 1.3/14

Left Out: 51.240 ± 56.939 χ^2/NDF : 8.0/9

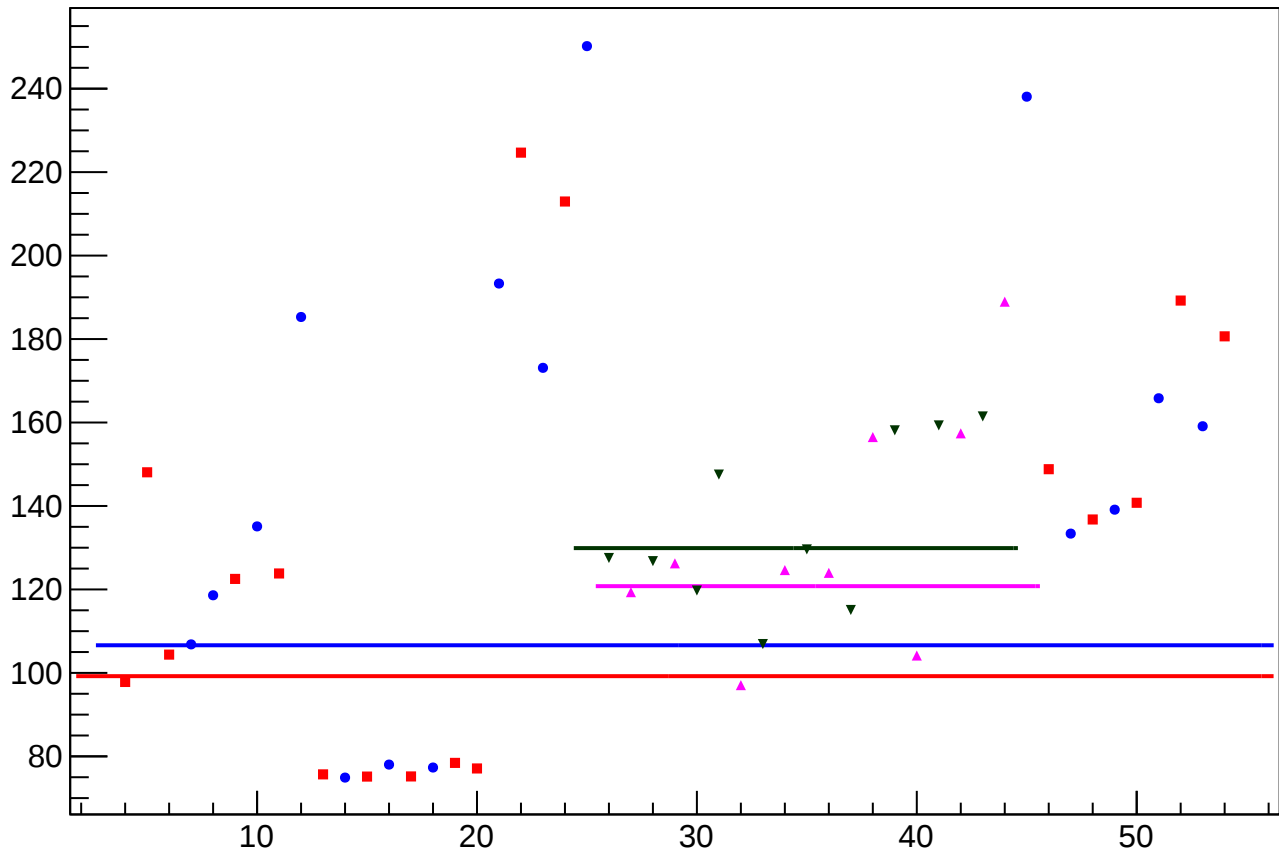
Right Out: 46.500 ± 35.496 χ^2/NDF : 10.9/16

Left In: -8.590 ± 52.268 χ^2/NDF : 1.2/8

26.932 ± 31.409 χ^2/NDF : 9.6/24

29.112 ± 29.364 χ^2/NDF : 12.9/25

asym_bcm_an_ds3_rms vs slug



Right In: 106.622 ± 0.027 χ^2/NDF : 2353378.5/14

Left Out: 129.904 ± 0.040 χ^2/NDF : 197170.8/9

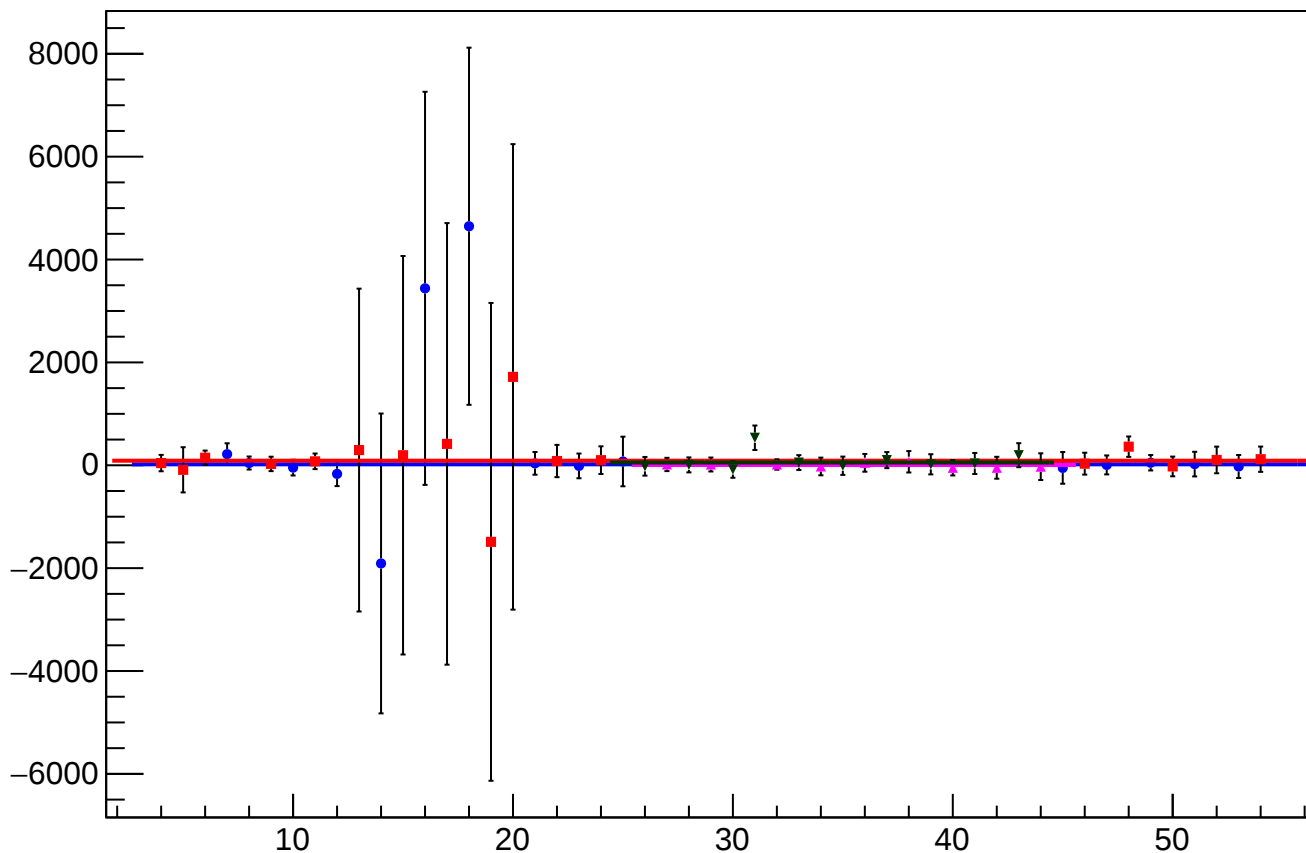
113.706 ± 0.022 χ^2/NDF : 2783179.4/24

Right Out: 99.219 ± 0.025 χ^2/NDF : 2007476.2/16

106.026 ± 0.021 χ^2/NDF : 2617010.4/25

Left In: 120.786 ± 0.037 χ^2/NDF : 376487.8/8

asym_bcm_an_us_mean vs slug



Right In: 18.436 $\pm$ 56.809 χ^2 /NDF: 4.9/14

Left Out: 53.832 $\pm$ 55.648 χ^2 /NDF: 5.7/9

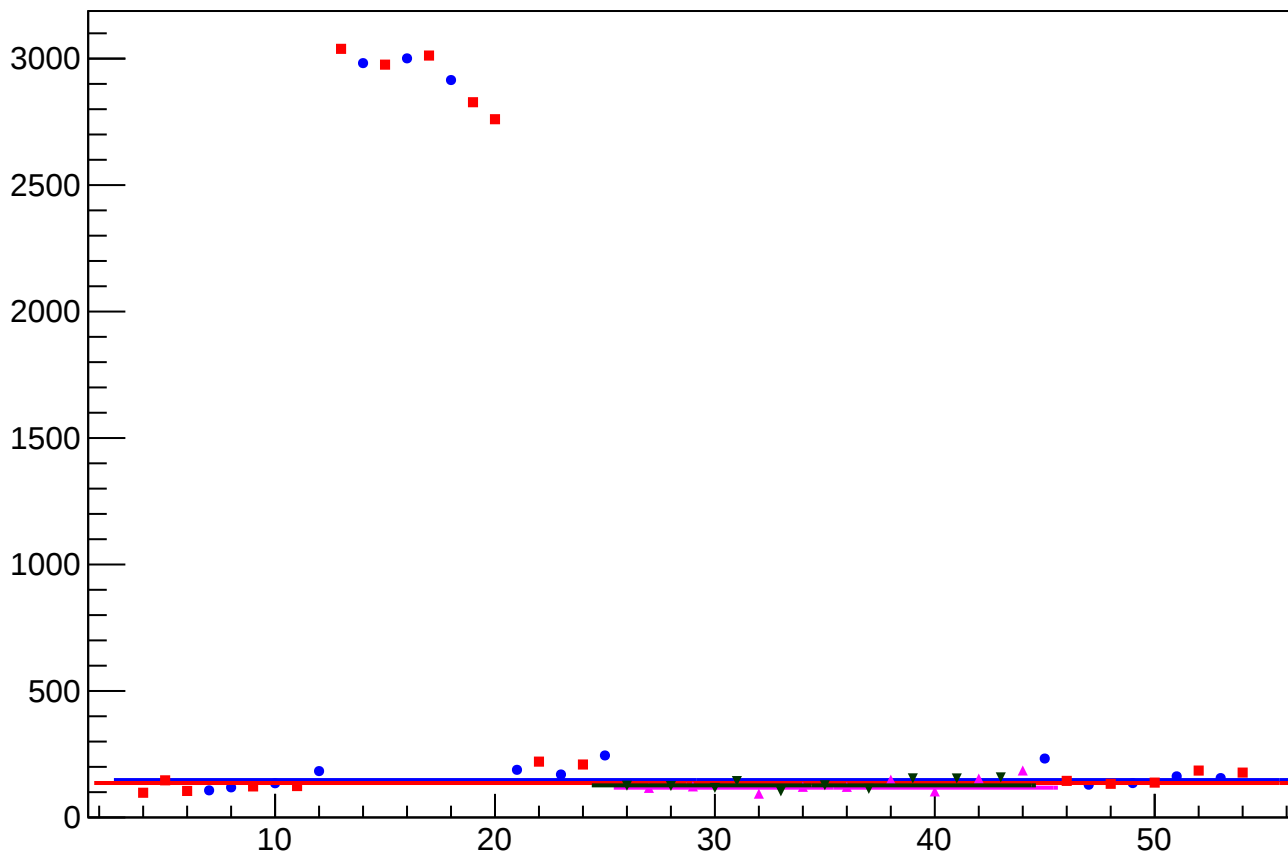
Right Out: 89.080 $\pm$ 55.749 χ^2 /NDF: 3.2/16

Left In: 5.189 $\pm$ 50.929 χ^2 /NDF: 0.4/8

36.499 $\pm$ 39.753 χ^2 /NDF: 10.8/24

43.352 $\pm$ 37.601 χ^2 /NDF: 4.9/25

asym_bcm_an_us_rms vs slug



Right In: 147.828+/-0.040 χ^2/NDF : 4874740.7/14

Left Out: 126.861+/-0.039 χ^2/NDF : 201202.8/9

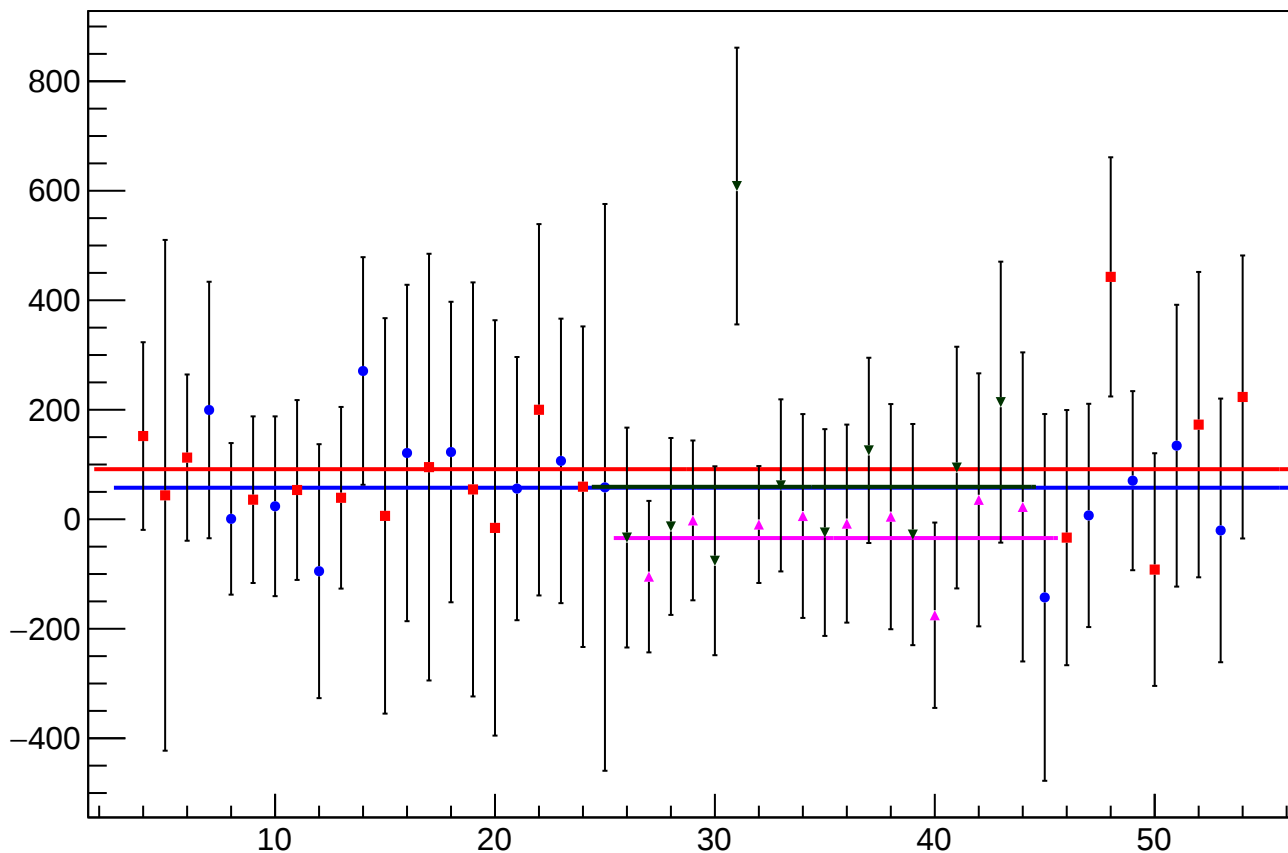
Right Out: 136.192+/-0.039 χ^2/NDF : 5704054.4/16

Left In: 117.710+/-0.036 χ^2/NDF : 374948.7/8

137.128+/-0.028 χ^2/NDF : 5214967.6/24

126.117+/-0.027 χ^2/NDF : 6198818.6/25

asym_bcm_dg_us_mean vs slug



Right In: 57.595 ± 56.645 $\chi^2/\text{NDF}: 2.8/14$

Left Out: 59.318 ± 60.188 $\chi^2/\text{NDF}: 6.7/9$

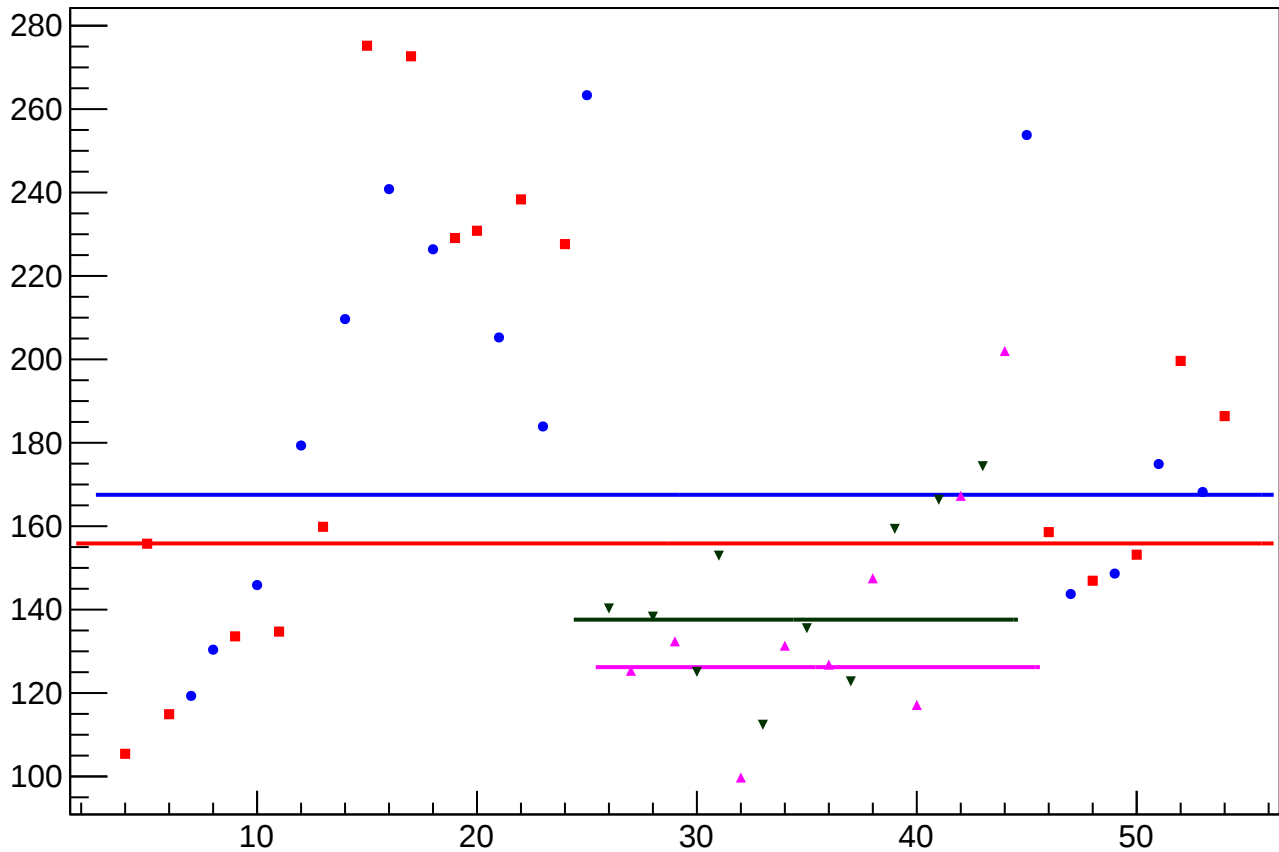
Right Out: 91.482 ± 54.513 $\chi^2/\text{NDF}: 4.7/16$

Left In: -34.328 ± 54.542 $\chi^2/\text{NDF}: 1.3/8$

58.404 ± 41.250 $\chi^2/\text{NDF}: 9.5/24$

28.611 ± 38.557 $\chi^2/\text{NDF}: 8.6/25$

asym_bcm_dg_us_rms vs slug



Right In: 167.532 $\pm$ 0.040 χ^2 /NDF: 870518.7/14

Left Out: 137.600 $\pm$ 0.043 χ^2 /NDF:183507.0/9

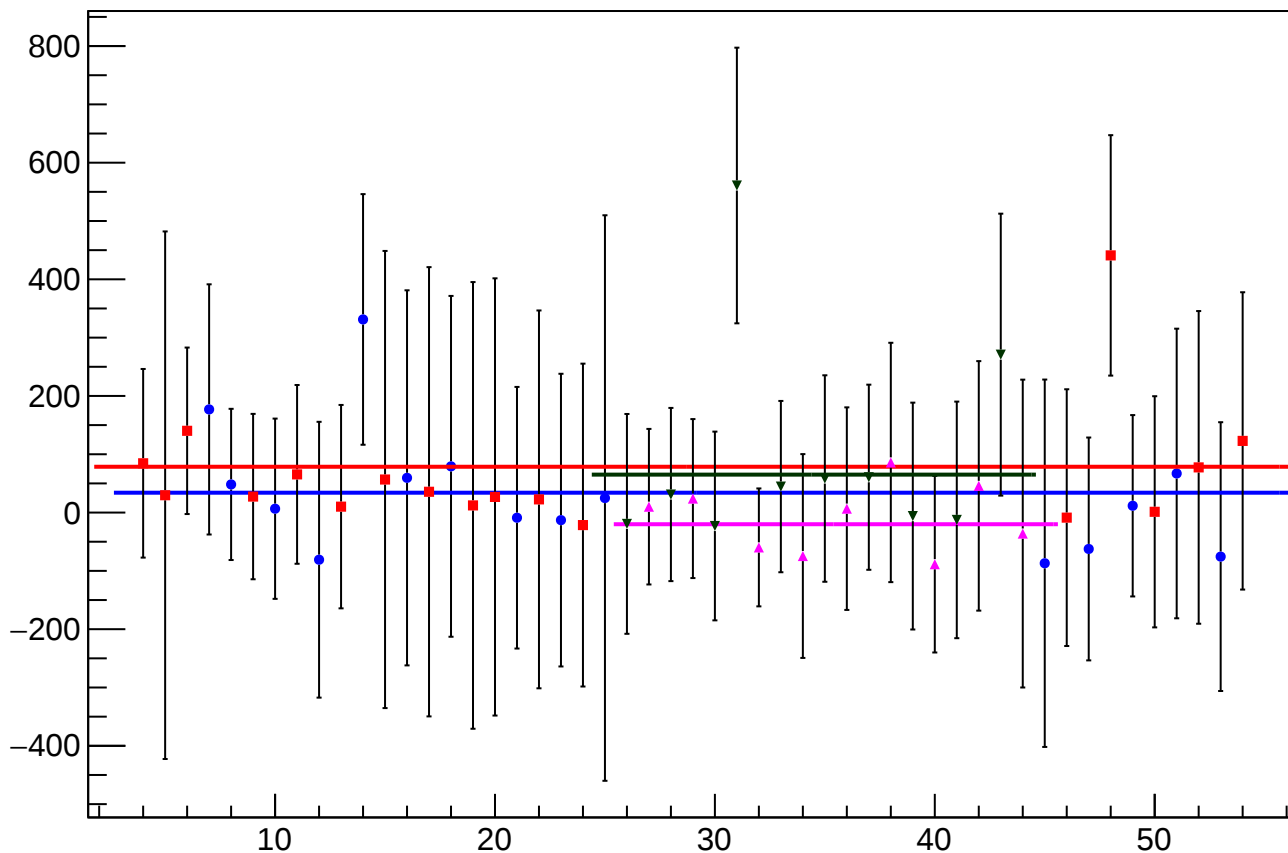
153.473 $\pm$ 0.029 χ^2 /NDF: 1316327.3/24

Right Out: 155.869 $\pm$ 0.039 χ^2 /NDF: 1266606.0/16

141.049 $\pm$ 0.027 χ^2 /NDF: 1925046.9/25

Left In: 126.212 $\pm$ 0.039 χ^2 /NDF:362614.3/8

asym_bcm_dg_ds_mean vs slug



Right In: 34.058+/-54.405 χ^2/NDF : 3.4/14

Left Out: 65.067+/-56.313 χ^2/NDF : 6.0/9

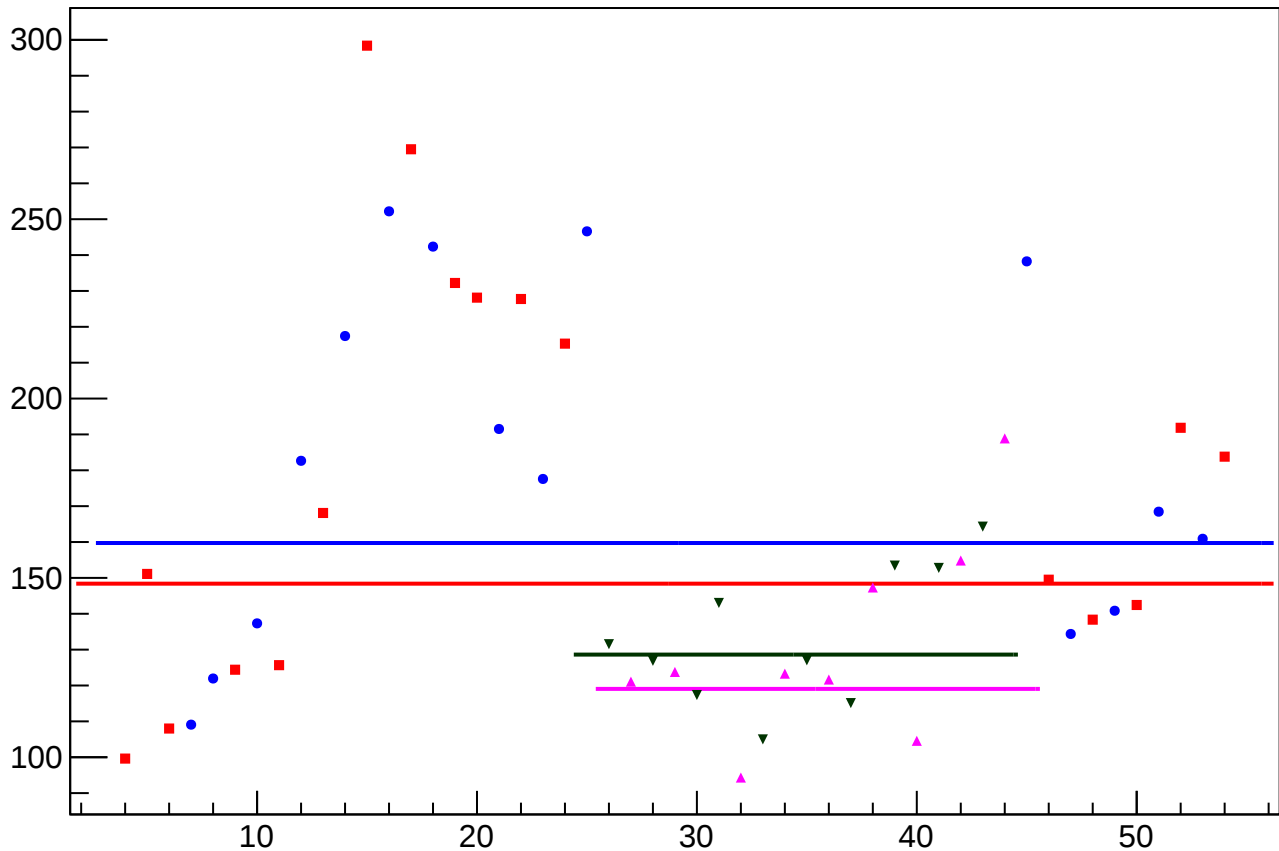
Right Out: 78.570+/-52.269 χ^2/NDF : 4.1/16

Left In: -19.993+/-51.483 χ^2/NDF : 1.0/8

49.028+/-39.127 χ^2/NDF : 9.5/24

28.541+/-36.679 χ^2/NDF : 7.0/25

asym_bcm_dg_ds_rms vs slug



Right In: 159.726+/-0.038 χ^2/NDF : 1117538.1/14

Left Out: 128.616+/-0.040 χ^2/NDF :188850.5/9

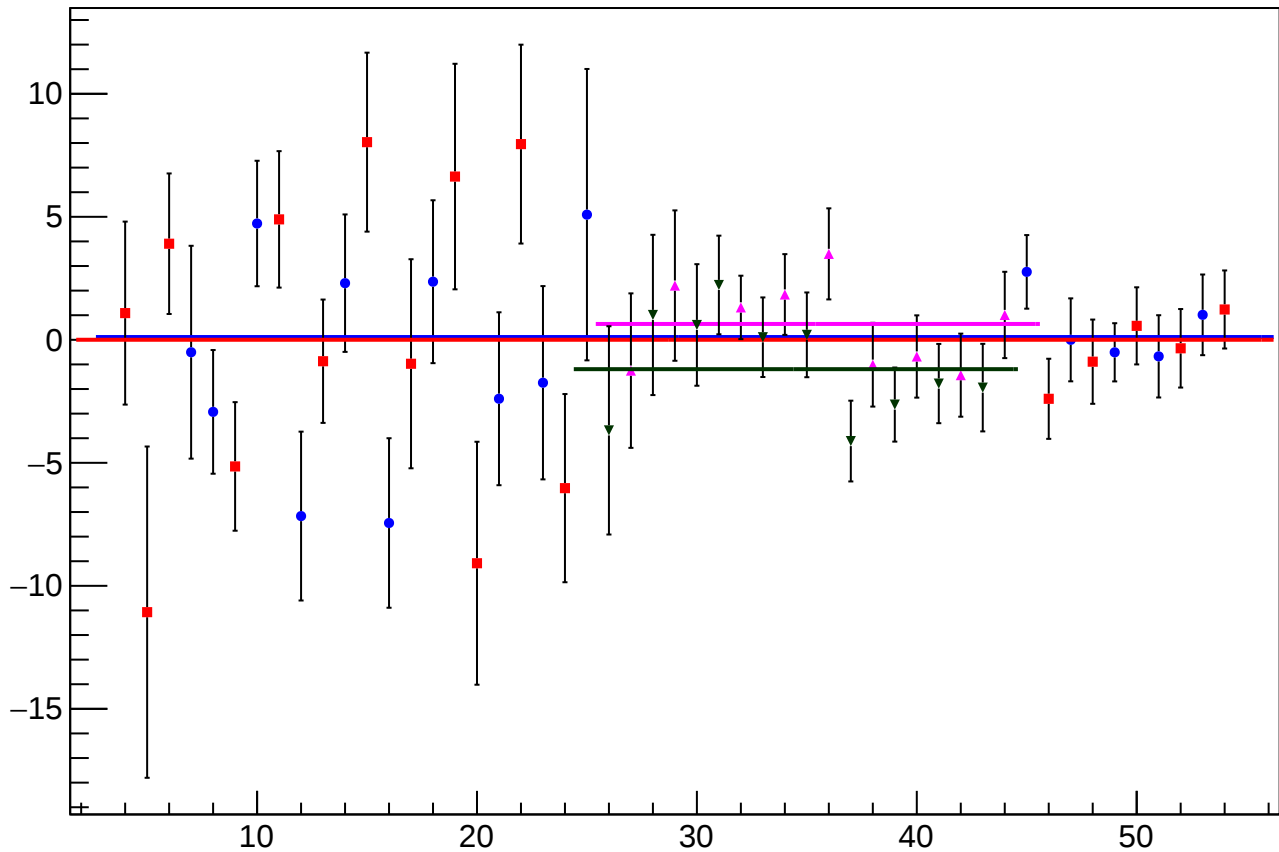
144.707+/-0.028 χ^2/NDF : 1622103.8/24

Right Out: 148.392+/-0.037 χ^2/NDF : 1480134.0/16

133.501+/-0.026 χ^2/NDF : 2176160.3/25

Left In: 119.054+/-0.036 χ^2/NDF :376220.0/8

asym_cav4bQ_mean vs slug



Right In: 0.113 $\pm$ 0.562 χ^2 /NDF: 20.5/14

Left Out: -1.193 $\pm$ 0.598 χ^2 /NDF:9.9/9

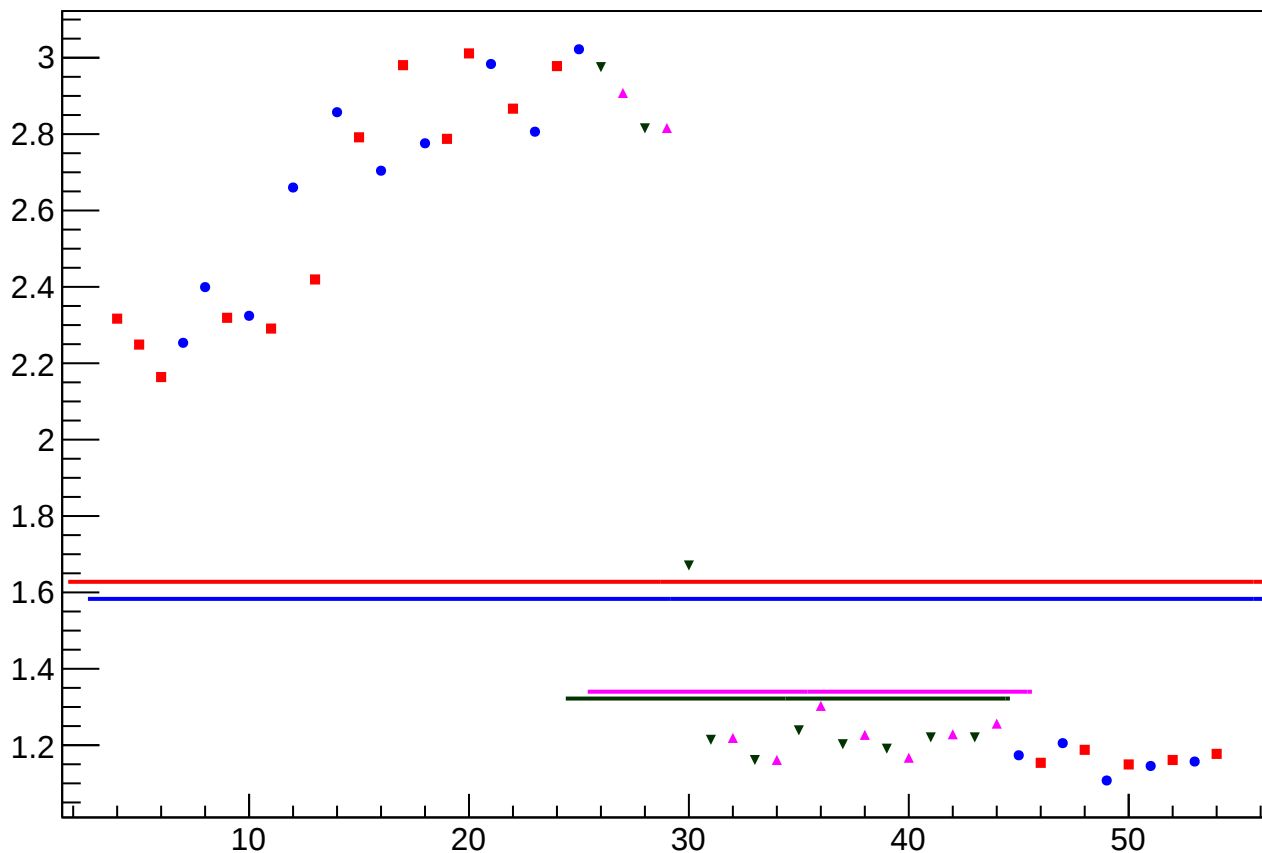
Right Out: 0.002 $\pm$ 0.586 χ^2 /NDF: 31.8/16

Left In: 0.645 $\pm$ 0.592 χ^2 /NDF:6.9/8

-0.499 $\pm$ 0.409 χ^2 /NDF: 33.0/24

0.320 $\pm$ 0.416 χ^2 /NDF: 39.3/25

asym_cav4bQ_rms vs slug



Right In: 1.583+/-0.000 χ^2/NDF : 2987573.7/14

Left Out: 1.322+/-0.000 χ^2/NDF :835682.2/9

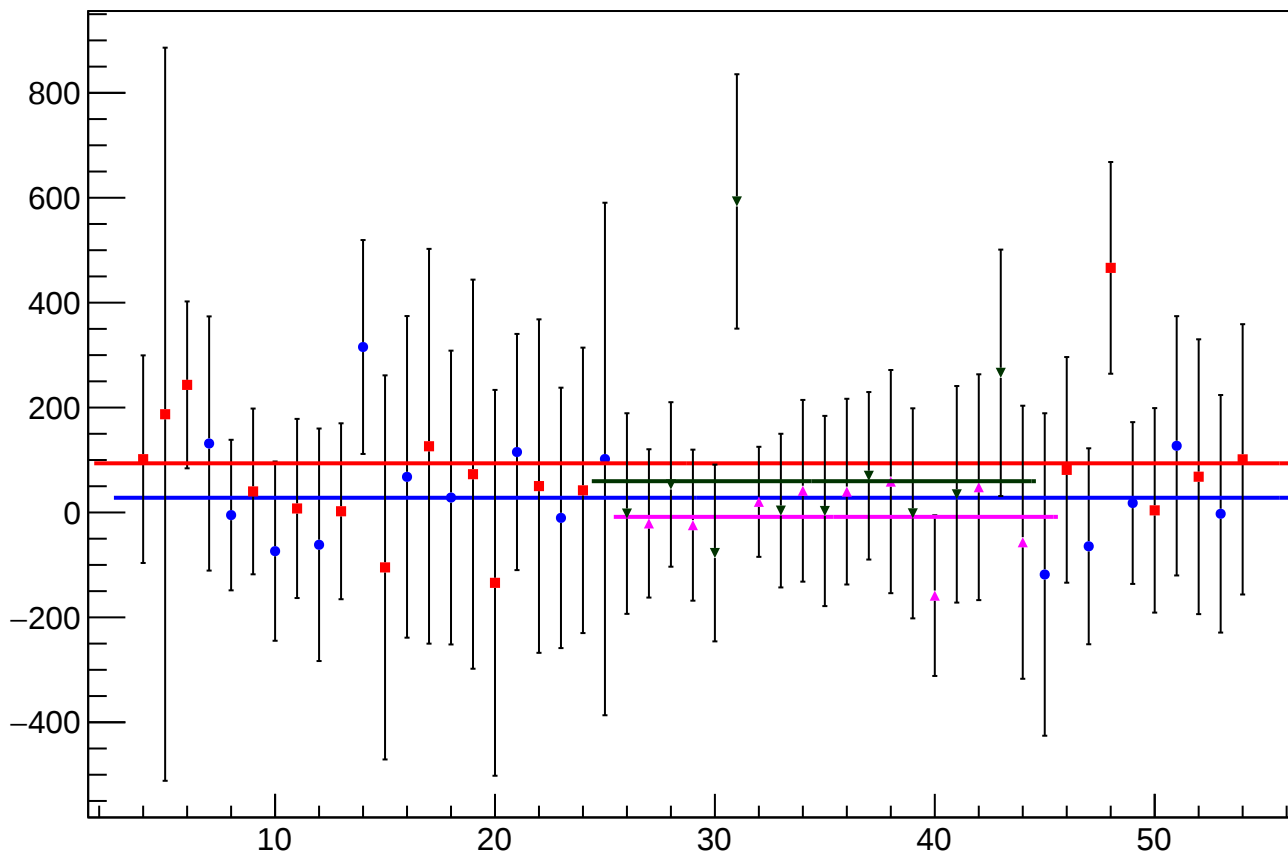
Right Out: 1.628+/-0.000 χ^2/NDF : 2559381.0/16

Left In: 1.340+/-0.000 χ^2/NDF :1050714.6/8

1.461+/-0.000 χ^2/NDF : 4025609.4/24

1.485+/-0.000 χ^2/NDF : 3848957.4/25

asym_cav4cQ_mean vs slug



Right In: 28.039 $\pm$ 55.476 χ^2 /NDF: 3.6/14

Left Out: 59.618 $\pm$ 57.448 χ^2 /NDF: 6.7/9

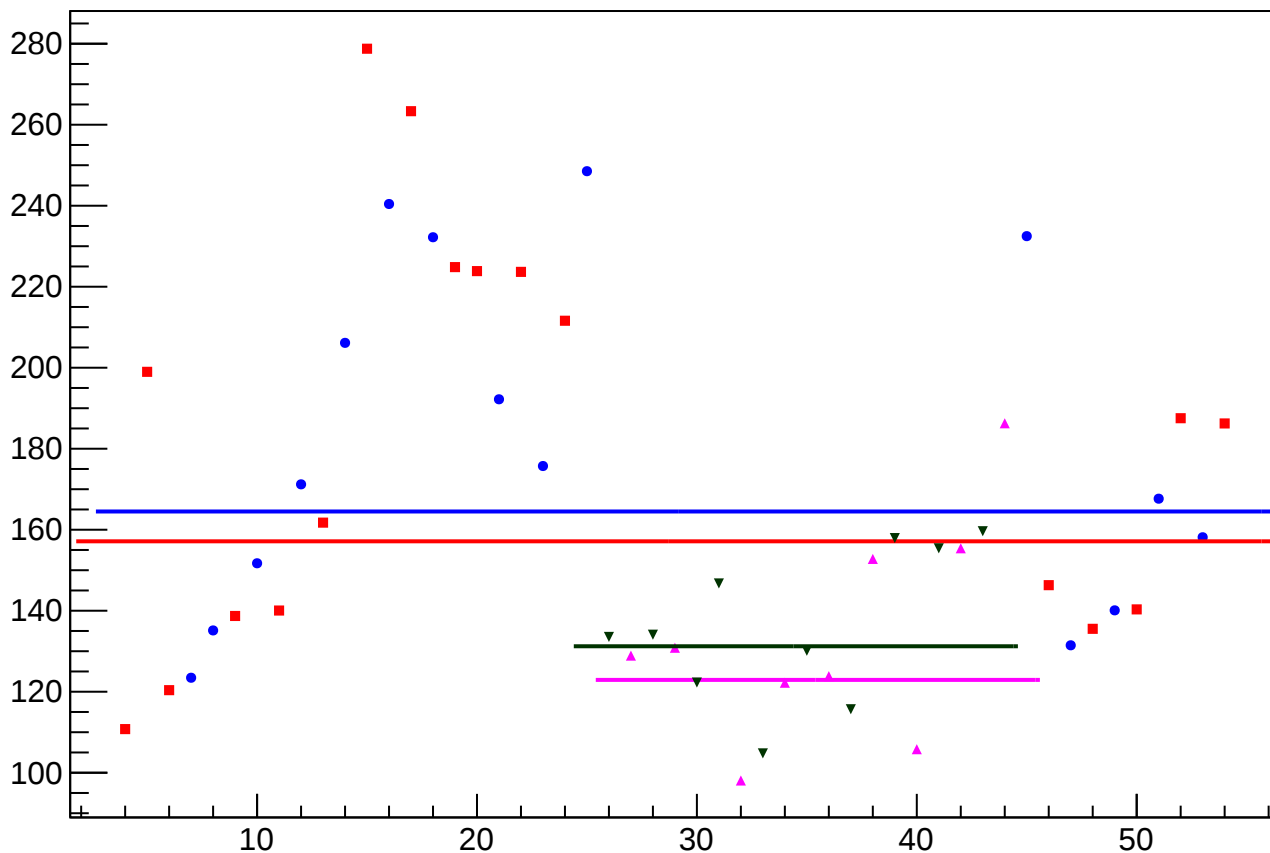
Right Out: 93.712 $\pm$ 54.908 χ^2 /NDF: 5.9/16

Left In: -8.384 $\pm$ 53.045 χ^2 /NDF: 1.4/8

43.277 $\pm$ 39.906 χ^2 /NDF: 10.5/24

40.902 $\pm$ 38.150 χ^2 /NDF: 9.1/25

asym_cav4cQ_rms vs slug



Right In: 164.504+/-0.039 χ^2/NDF : 783074.5/14

Left Out: 131.224+/-0.041 χ^2/NDF :191308.6/9

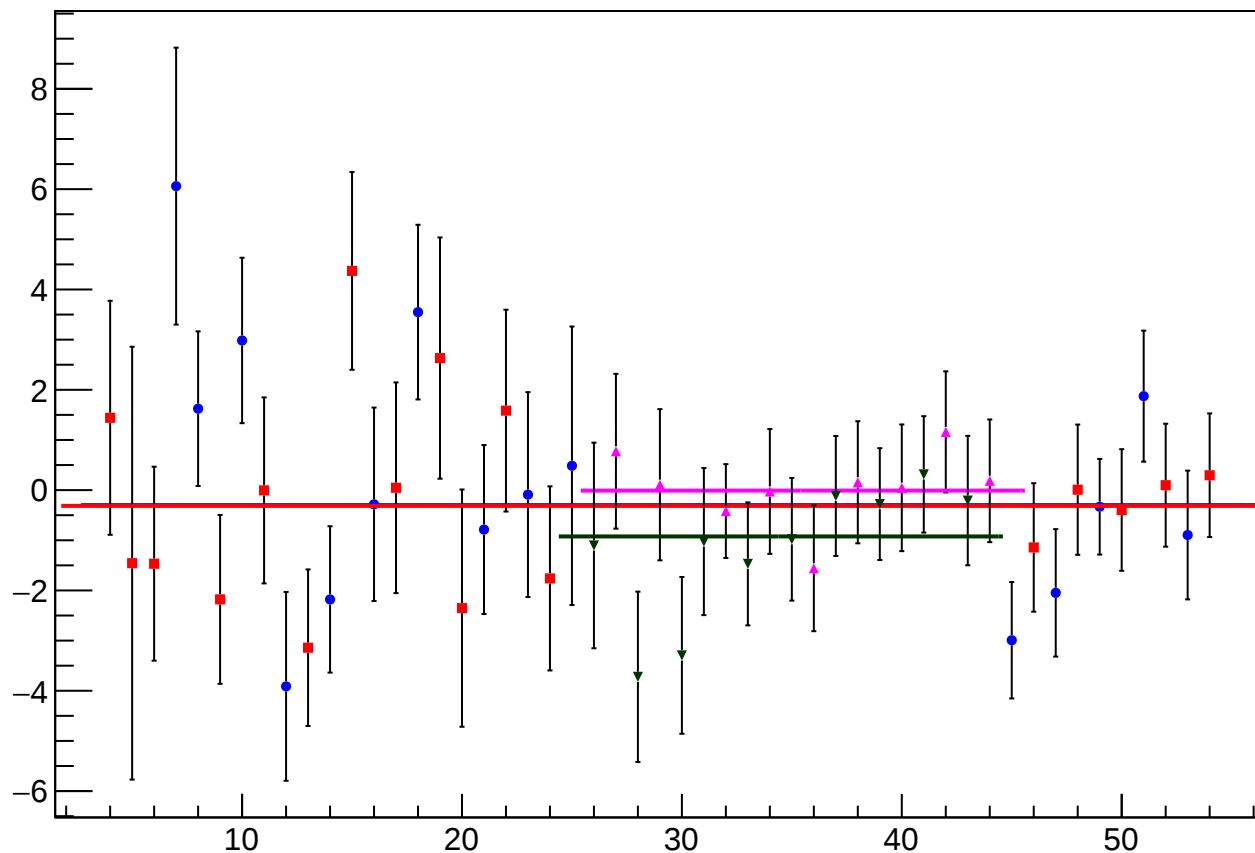
Right Out: 157.138+/-0.039 χ^2/NDF : 1047884.3/16

Left In: 122.920+/-0.038 χ^2/NDF :350338.0/8

148.445+/-0.028 χ^2/NDF : 1321687.0/24

139.439+/-0.027 χ^2/NDF : 1799976.0/25

asym_cav4dQ_mean vs slug



Right In: -0.300 ± 0.388 χ^2/NDF : 31.5/14

Left Out: -0.924 ± 0.421 χ^2/NDF : 7.5/9

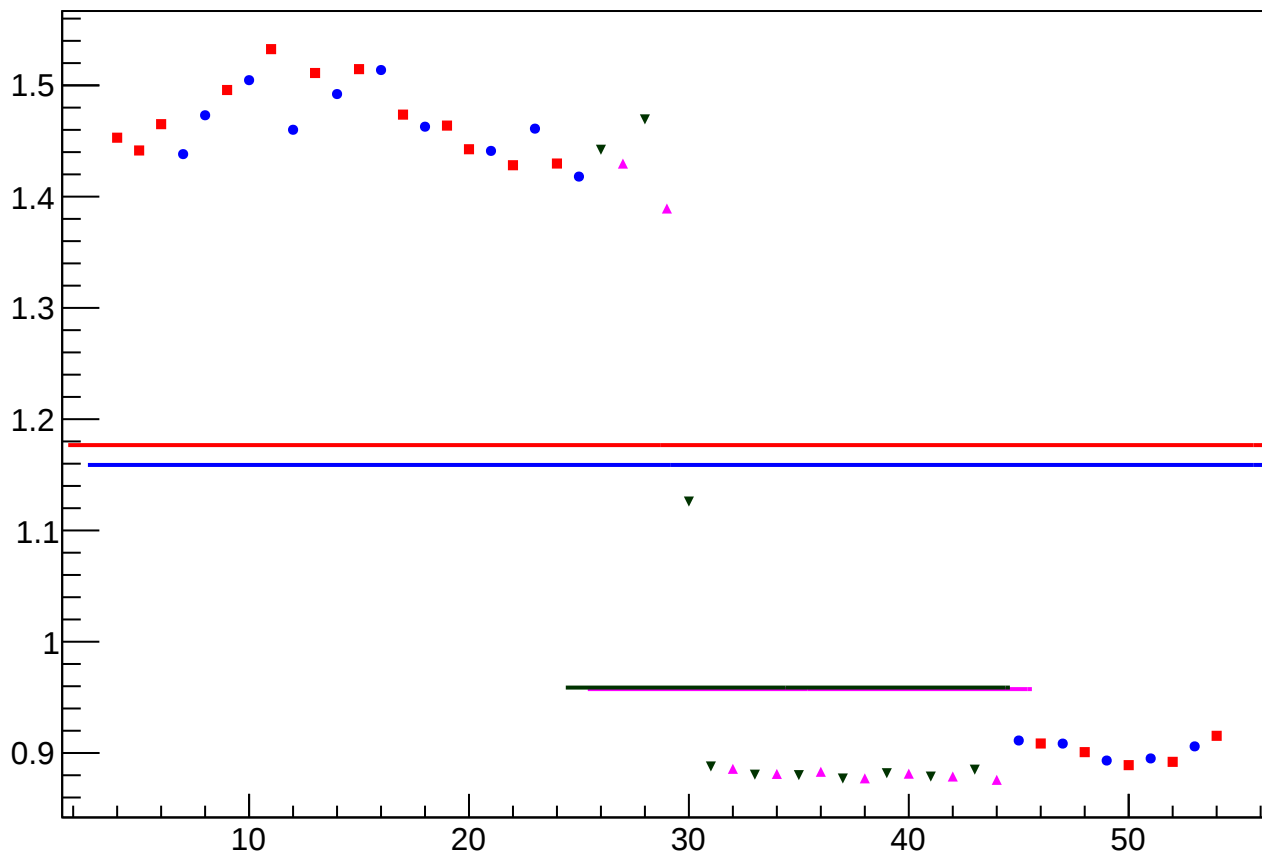
Right Out: -0.314 ± 0.403 χ^2/NDF : 15.8/16

Left In: -0.010 ± 0.410 χ^2/NDF : 3.0/8

-0.586 ± 0.285 χ^2/NDF : 40.1/24

-0.164 ± 0.288 χ^2/NDF : 19.1/25

asym_cav4dQ_rms vs slug



Right In: 1.159+/-0.000 χ^2/NDF : 1076441.8/14

Left Out: 0.959+/-0.000 χ^2/NDF :370902.6/9

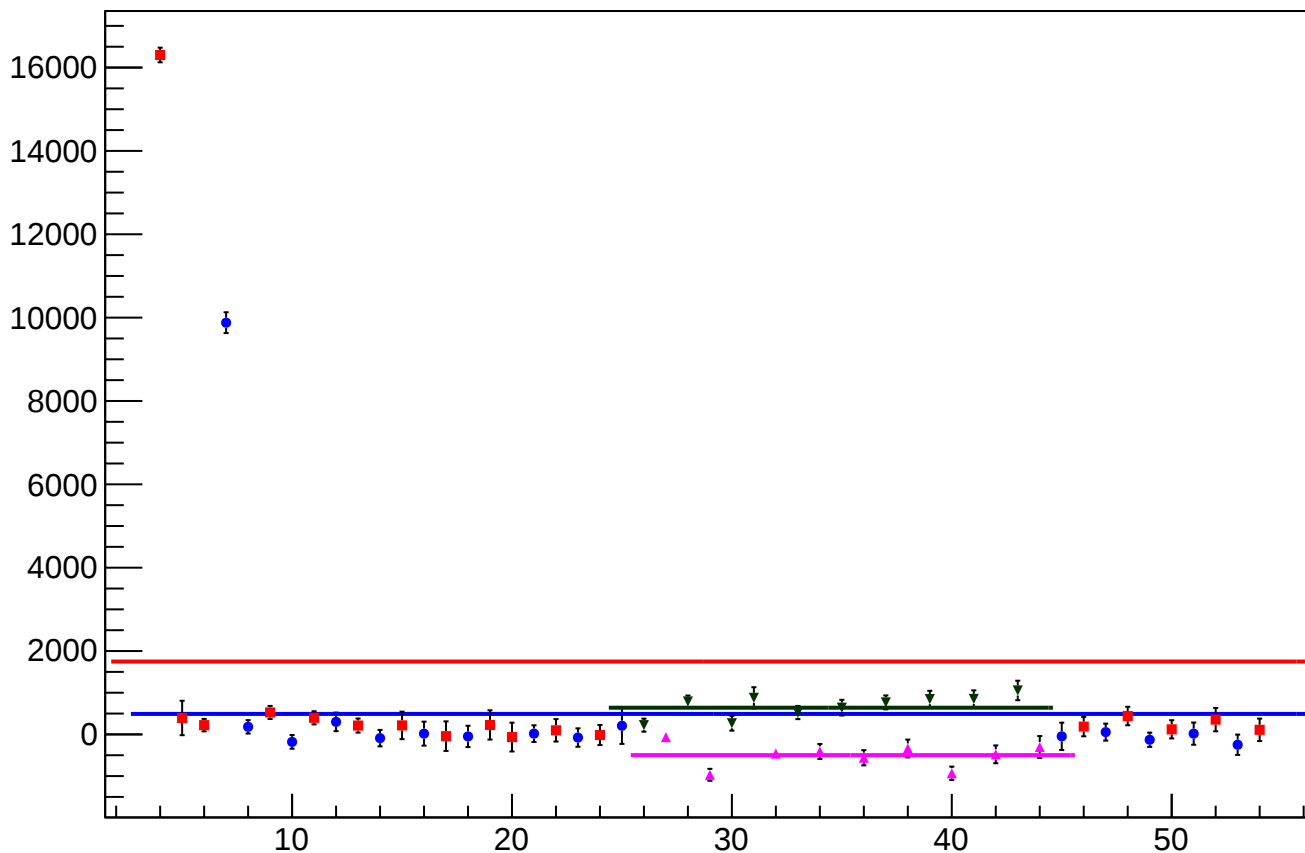
Right Out: 1.177+/-0.000 χ^2/NDF : 1027624.3/16

Left In: 0.957+/-0.000 χ^2/NDF :411162.2/8

1.067+/-0.000 χ^2/NDF : 1691631.6/24

1.069+/-0.000 χ^2/NDF : 1729325.2/25

asym_bcm0l02_mean vs slug



Right In: 491.312 $\pm$ 56.430 χ^2 /NDF: 1492.9/14

Left Out: 640.376 $\pm$ 56.927 χ^2 /NDF:19.9/9

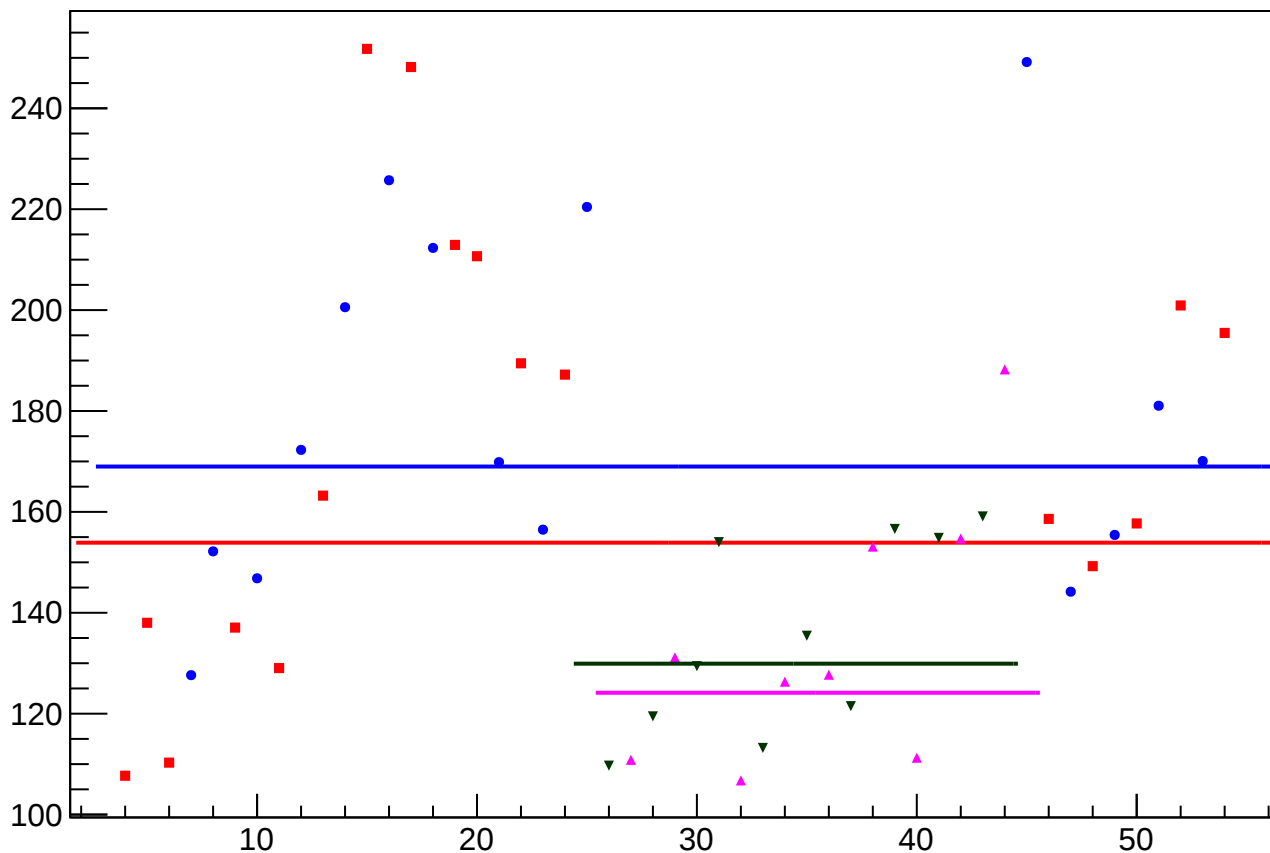
Right Out: 1748.318 $\pm$ 53.467 χ^2 /NDF: 7591.2/16

Left In: -496.812 $\pm$ 53.314 χ^2 /NDF:32.4/8

565.191 $\pm$ 40.077 χ^2 /NDF: 1516.3/24

622.529 $\pm$ 37.753 χ^2 /NDF: 8507.8/25

asym_bcm0l02_rms vs slug



Right In: 168.988+/-0.040 χ^2/NDF : 499423.8/14

Left Out: 129.911+/-0.040 χ^2/NDF :188039.4/9

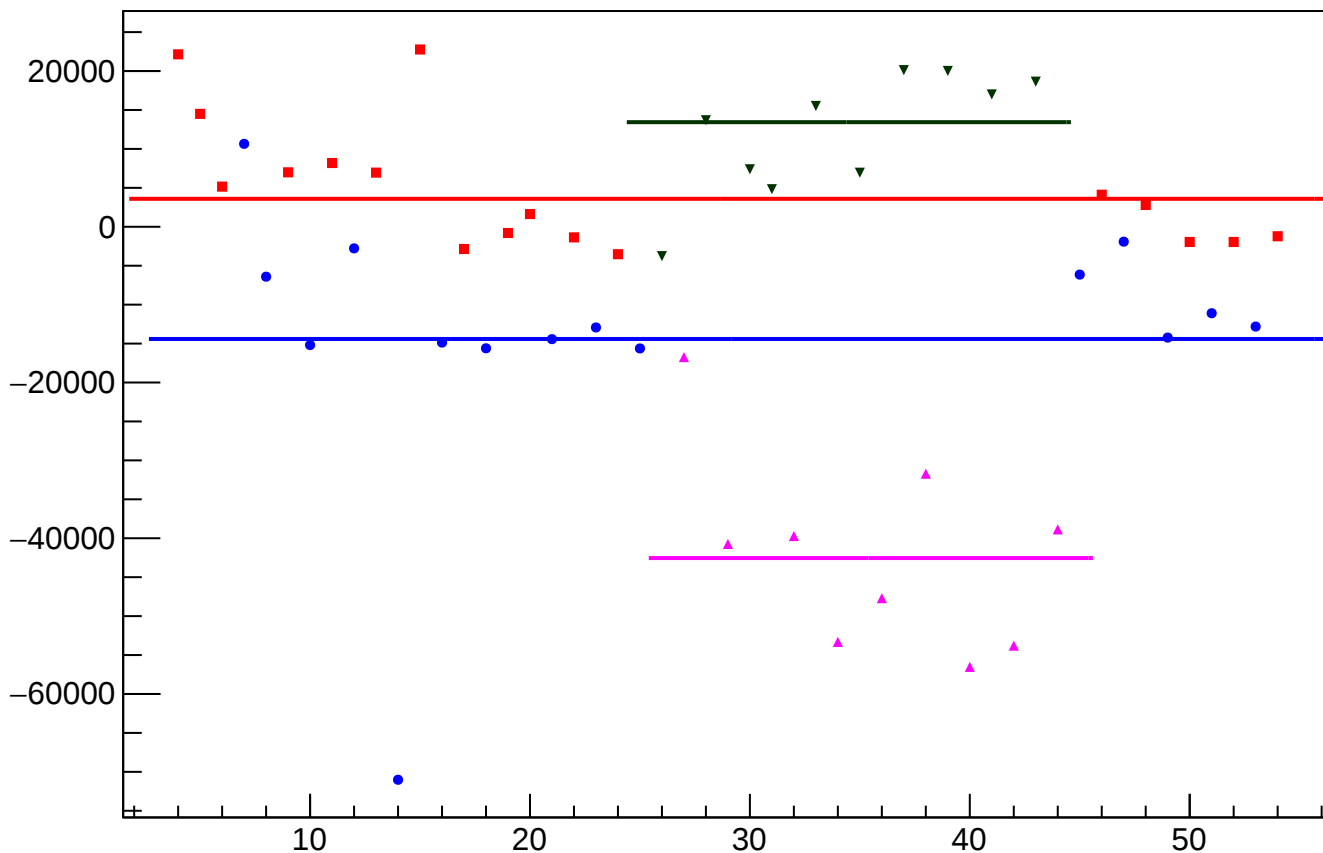
Right Out: 153.896+/-0.038 χ^2/NDF : 997649.0/16

Left In: 124.148+/-0.038 χ^2/NDF :285531.8/8

149.620+/-0.028 χ^2/NDF : 1162794.2/24

138.979+/-0.027 χ^2/NDF : 1593619.7/25

asym_bpm2i01WS_mean vs slug



Right In: -14408.215+/-36.057 χ^2/NDF : 220233.5/14

Left Out: 13435.021+/-42.371 χ^2/NDF : 28229.6/9

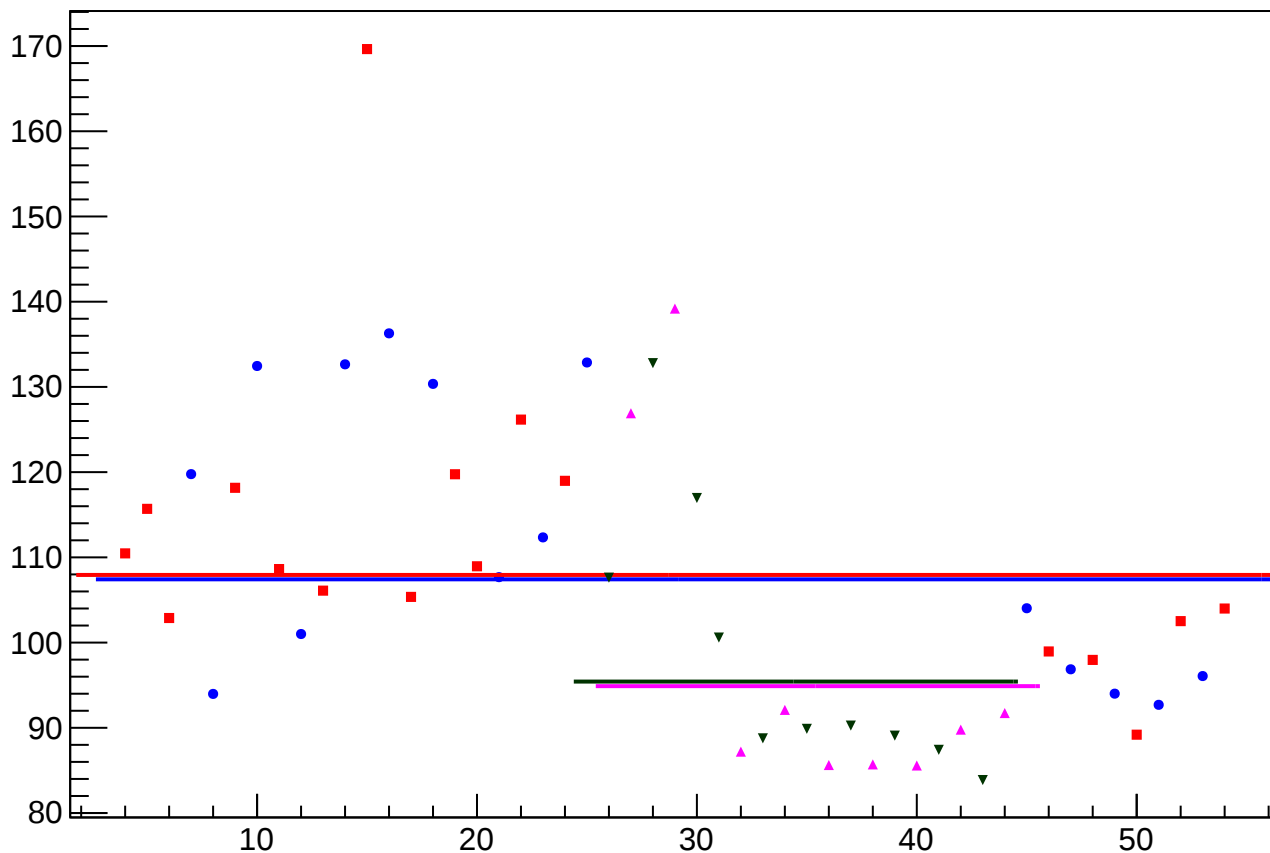
Right Out: 3592.371+/-37.074 χ^2/NDF : 31022.1/16

Left In: -42544.240+/-41.432 χ^2/NDF : 71406.7/8

-2713.823+/-27.460 χ^2/NDF : 498910.4/24

-16922.484+/-27.628 χ^2/NDF : 791041.0/25

asym_bpm2i01WS_rms vs slug



Right In: 107.423 $\pm$ 0.025 χ^2 /NDF: 370052.0/14

Left Out: 95.426 $\pm$ 0.030 χ^2 /NDF: 200660.2/9

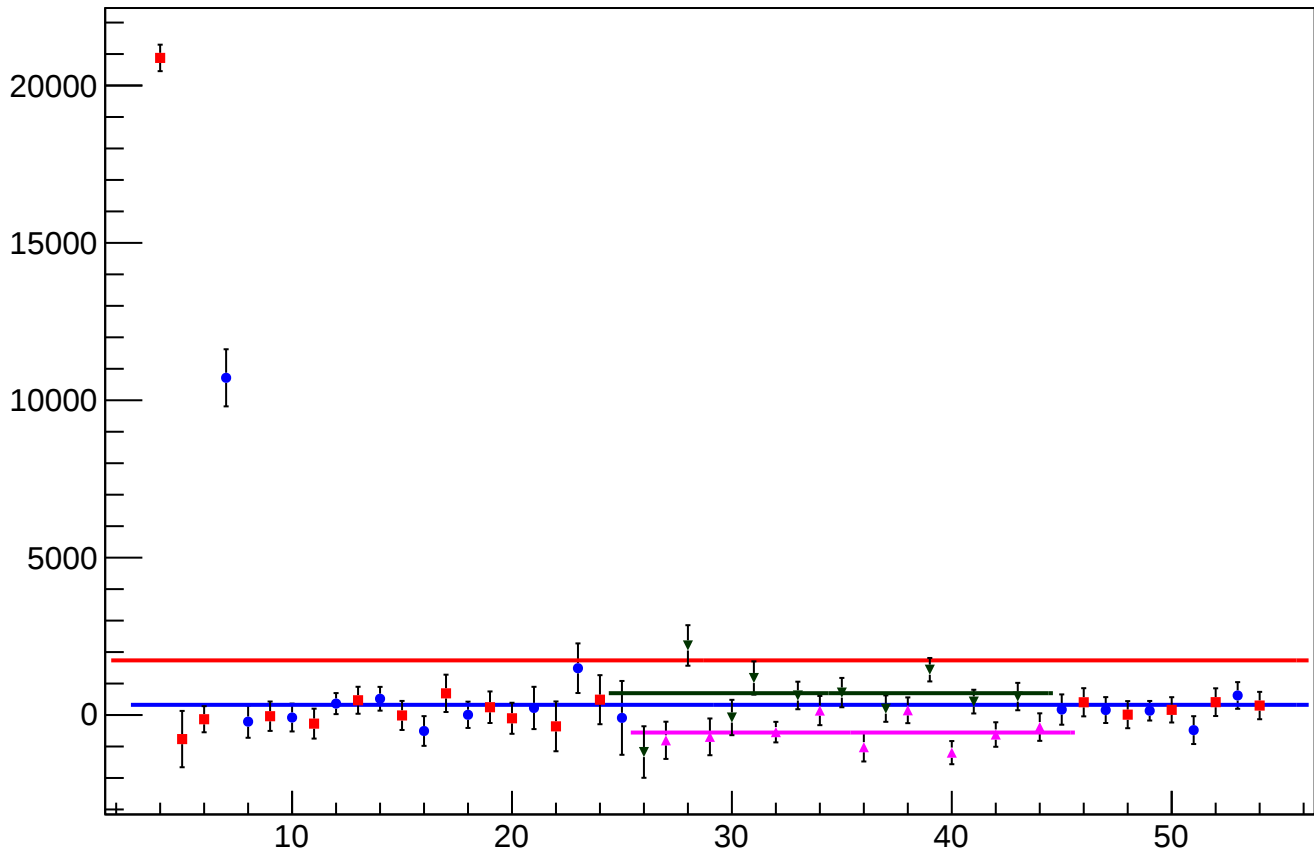
Right Out: 107.938 $\pm$ 0.026 χ^2 /NDF: 261859.3/16

Left In: 94.889 $\pm$ 0.029 χ^2 /NDF: 314634.4/8

102.384 $\pm$ 0.019 χ^2 /NDF: 663710.7/24

102.135 $\pm$ 0.020 χ^2 /NDF: 686657.7/25

asym_bpm0i07WS_mean vs slug



Right In: 323.745+/-117.737 χ^2/NDF : 143.7/14

Left Out: 693.815+/-147.932 χ^2/NDF : 19.5/9

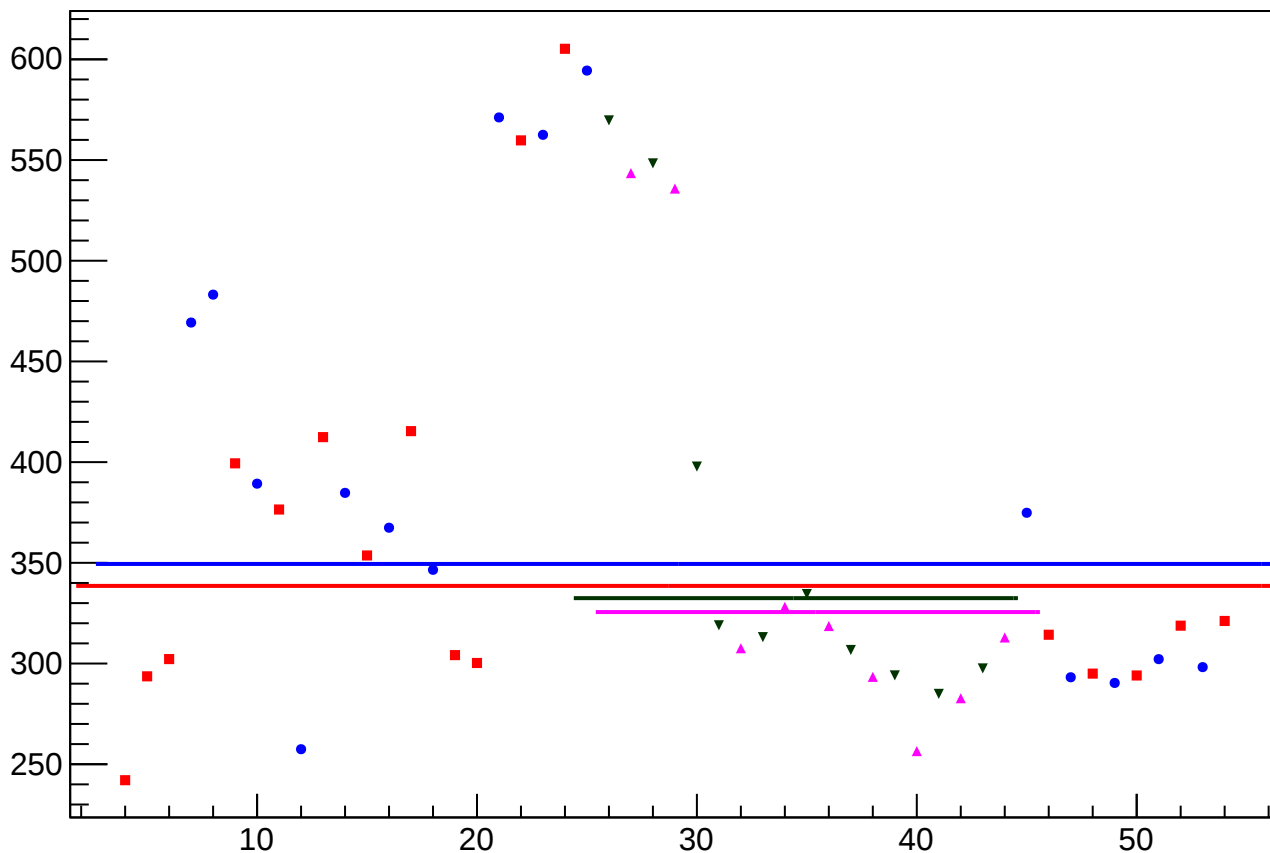
467.257+/-92.122 χ^2/NDF : 167.0/24

Right Out: 1736.005+/-116.968 χ^2/NDF : 2249.4/16

806.091+/-90.178 χ^2/NDF : 2414.9/25

Left In: -556.564+/-141.592 χ^2/NDF : 9.7/8

asym_bpm0i07WS_rms vs slug



Right In: 349.442 ± 0.083 χ^2/NDF : 978008.9/14

Left Out: 332.466 ± 0.105 χ^2/NDF : 498518.7/9

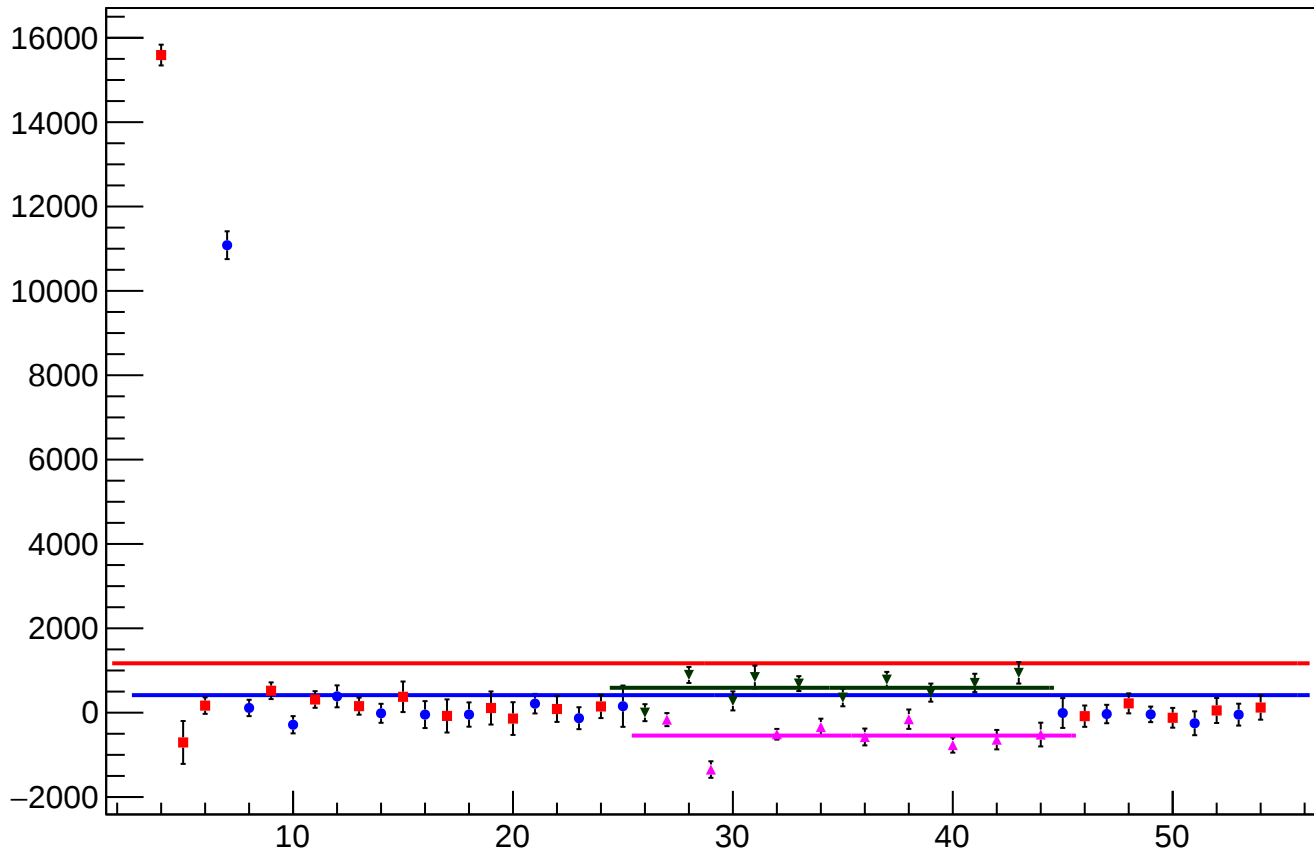
Right Out: 338.546 ± 0.083 χ^2/NDF : 737673.6/16

Left In: 325.557 ± 0.100 χ^2/NDF : 646591.2/8

342.859 ± 0.065 χ^2/NDF : 1492652.2/24

333.277 ± 0.064 χ^2/NDF : 1394269.0/25

asym_bpm0l01WS_mean vs slug



Right In: 415.573+/-64.627 χ^2/NDF : 1095.5/14

Left Out: 589.690+/-66.057 χ^2/NDF : 19.1/9

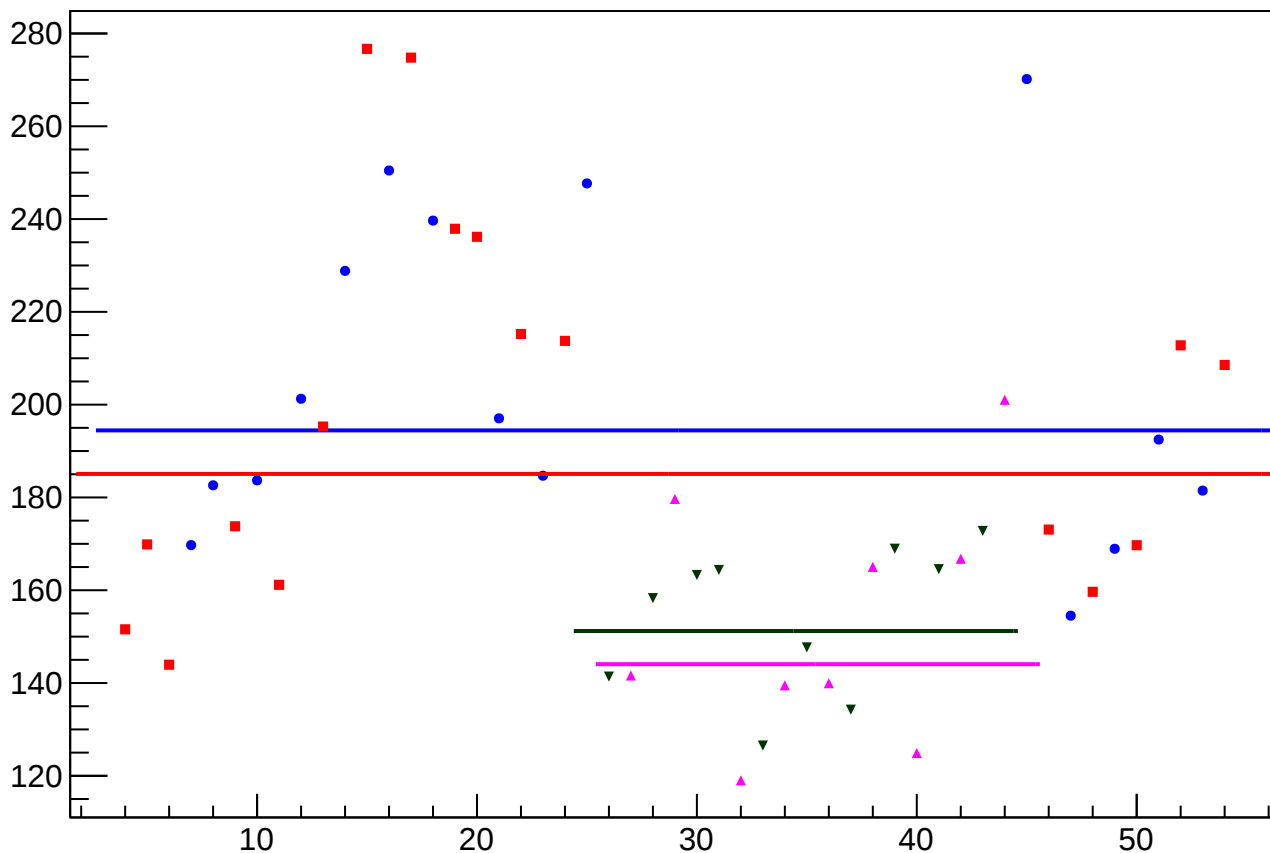
500.726+/-46.195 χ^2/NDF : 1118.2/24

Right Out: 1170.572+/-63.412 χ^2/NDF : 3679.3/16

291.038+/-44.239 χ^2/NDF : 4082.7/25

Left In: -542.908+/-61.747 χ^2/NDF : 28.6/8

asym_bpm0l01WS_rms vs slug



Right In: 194.450+/-0.046 χ^2/NDF : 411731.8/14

Left Out: 151.207+/-0.047 χ^2/NDF :110209.2/9

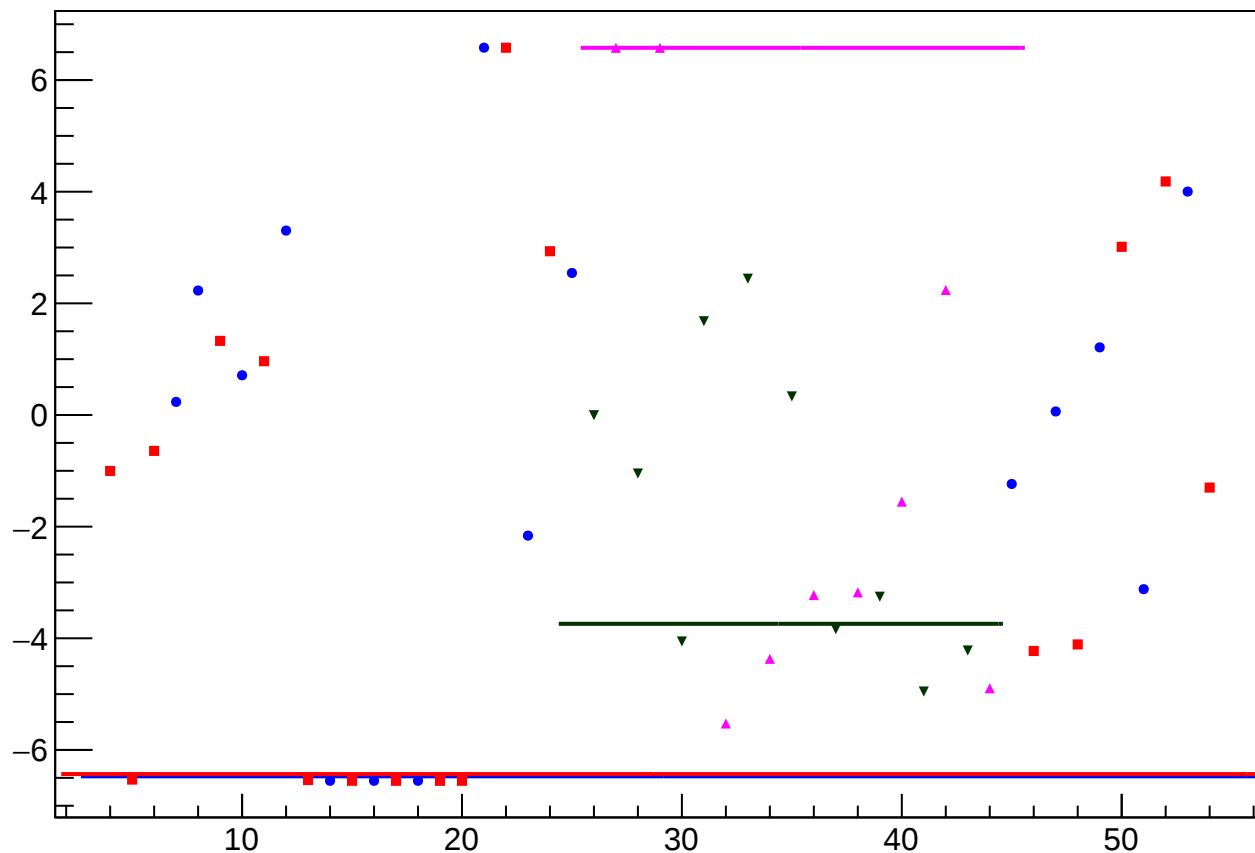
173.301+/-0.033 χ^2/NDF : 959864.0/24

Right Out: 185.070+/-0.045 χ^2/NDF : 580459.6/16

164.020+/-0.031 χ^2/NDF : 1297554.6/25

Left In: 144.061+/-0.044 χ^2/NDF :287746.6/8

yield_cav4bX_mean vs slug



Right In: -6.473+/-0.000 χ^2/NDF : 127847945182582.2/14

Left Out: -3.741+/-0.001 χ^2/NDF : 5731885.1/9

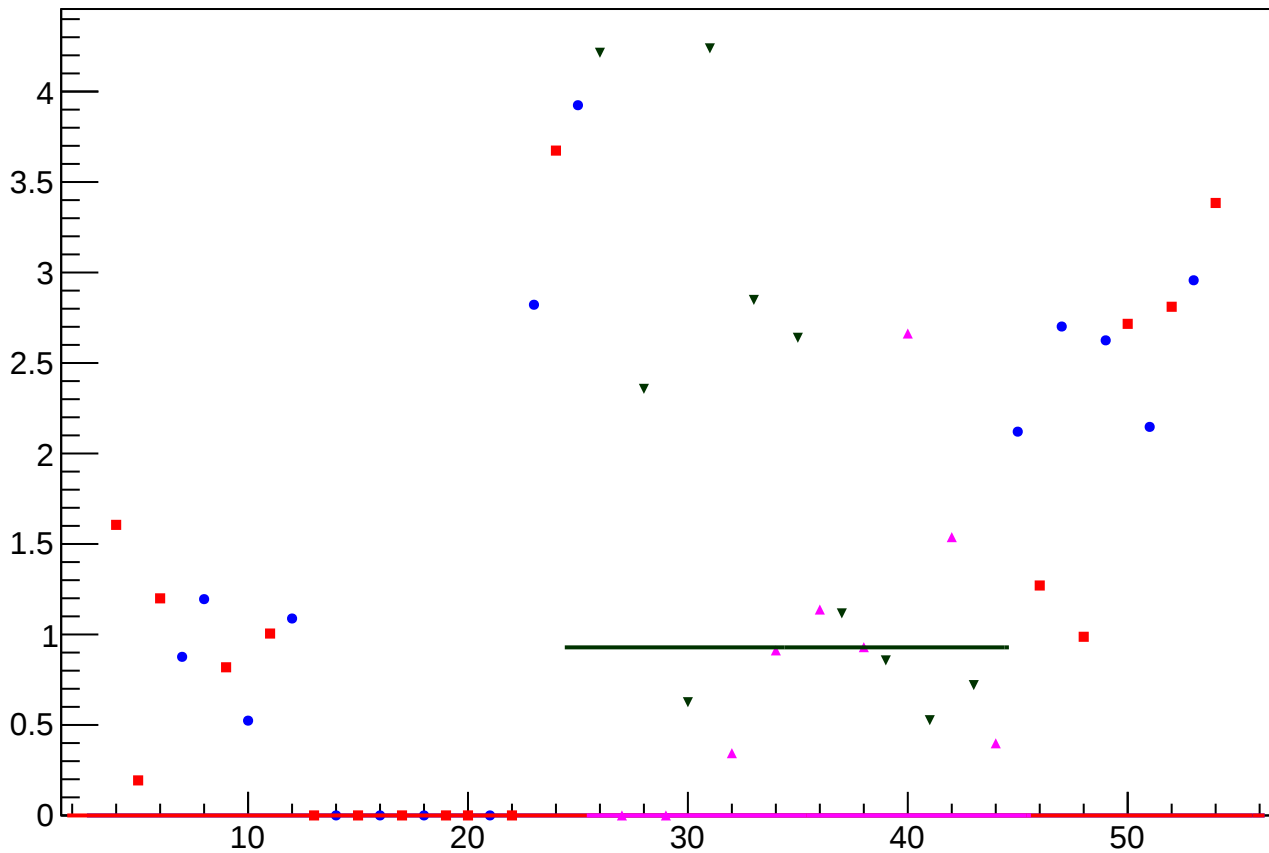
Right Out: -6.432+/-0.000 χ^2/NDF : 150837616351909.7/16

Left In: 6.578+/-0.000 χ^2/NDF : 822807717.8/8

-6.473+/-0.000 χ^2/NDF : 127847969565464.2/2

-6.315+/-0.000 χ^2/NDF : 297092125584849.3/2

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8983321.4/14

Left Out: 0.929+/-0.000 χ^2/NDF :2482114.1/9

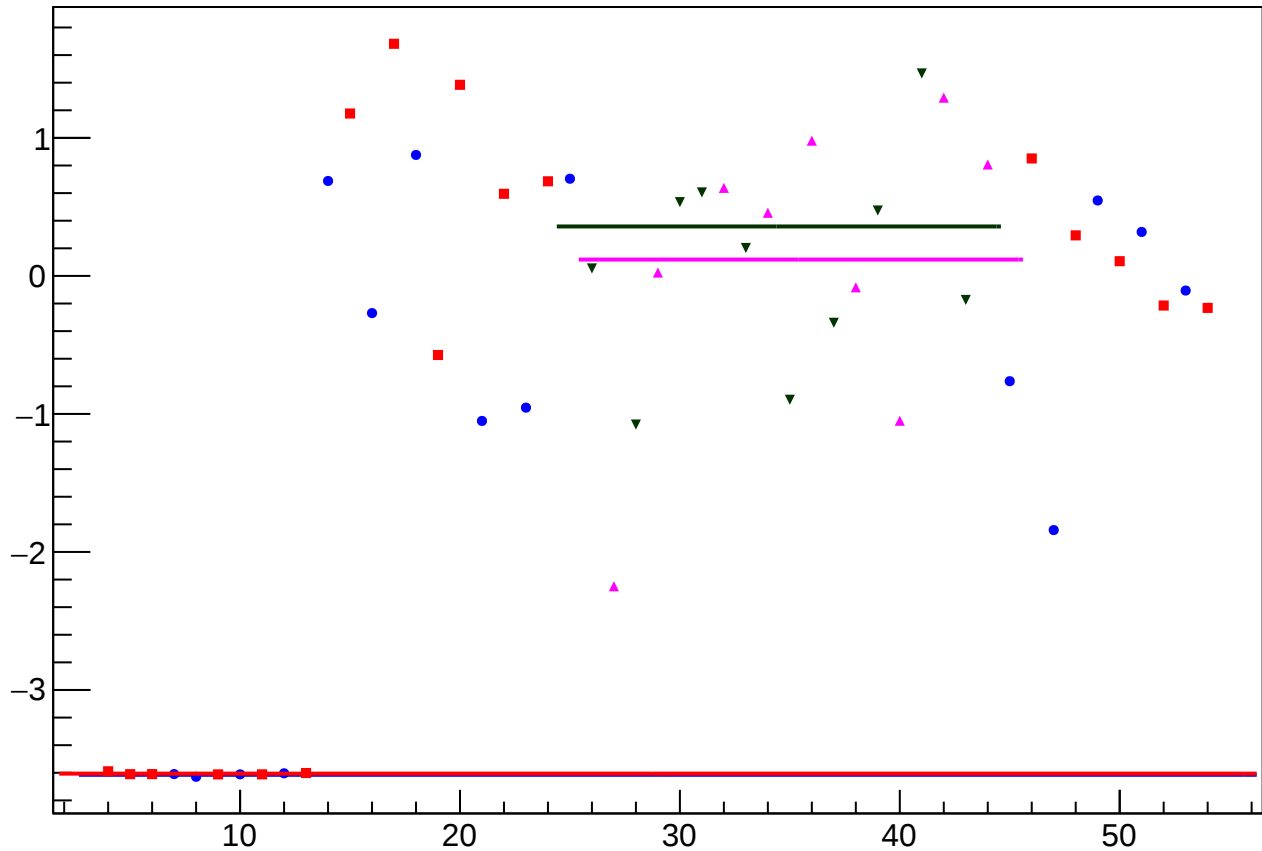
Right Out: 0.000+/-0.000 χ^2/NDF : 7938732.4/16

Left In: 0.000+/-0.000 χ^2/NDF :4631448.1/8

0.000+/-0.000 χ^2/NDF : 15774915.0/24

0.000+/-0.000 χ^2/NDF : 12570275.2/25

yield_cav4bY_mean vs slug



Right In: -3.614 ± 0.000 χ^2/NDF : 49080848788.0/14

Left Out: 0.358 ± 0.000 χ^2/NDF : 6673360.6/9

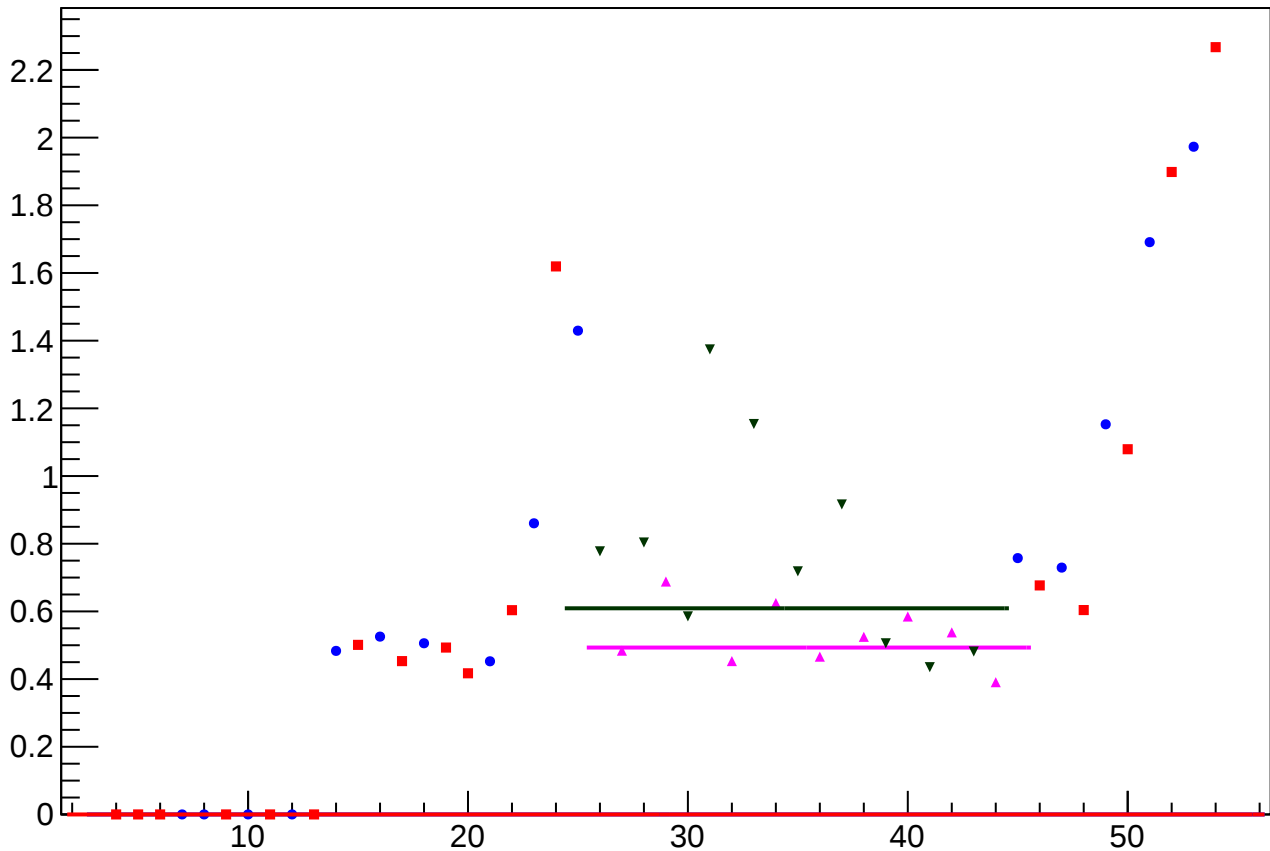
-3.614 ± 0.000 χ^2/NDF : 49235090079.2/24

Right Out: -3.606 ± 0.000 χ^2/NDF : 37789343859.0/16

-3.606 ± 0.000 χ^2/NDF : 38028865225.3/25

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 : 10246501.4/14

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

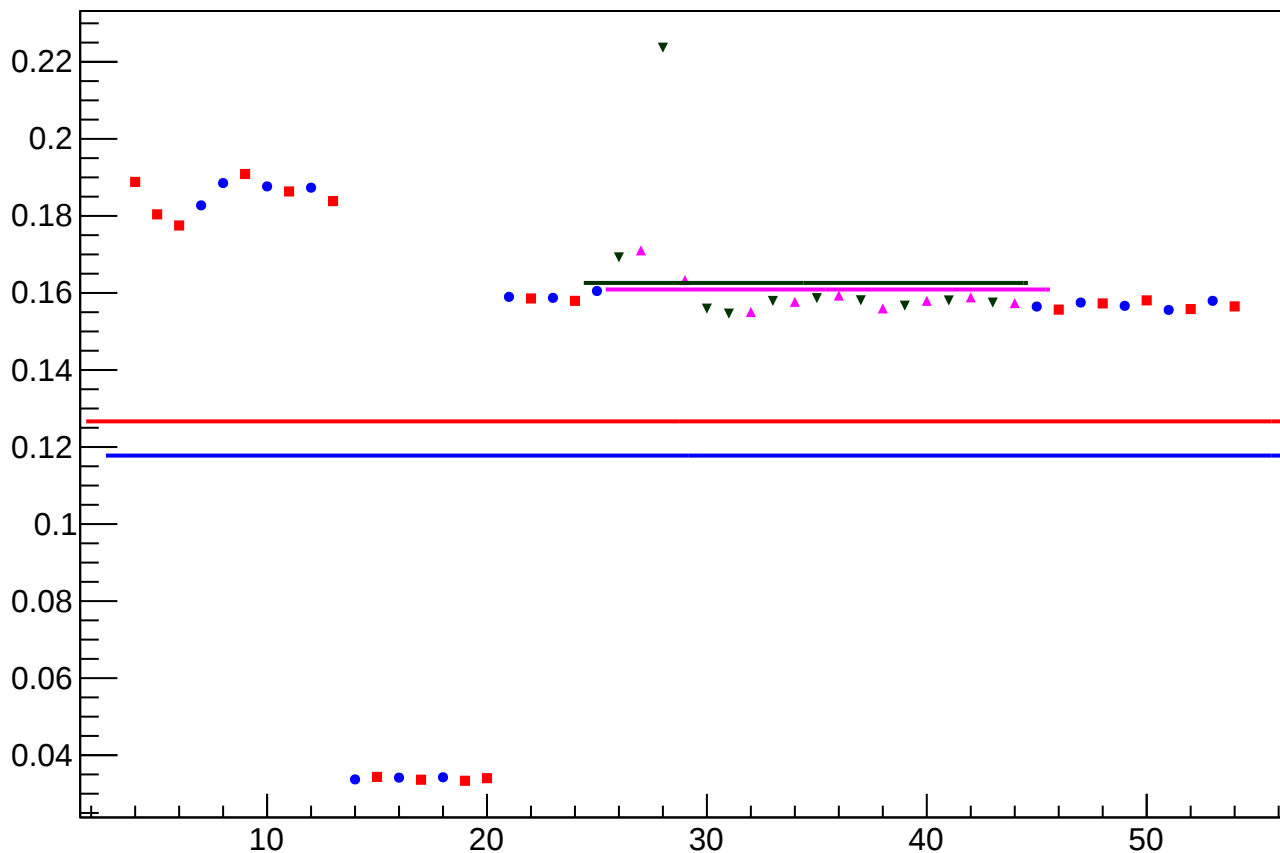
0.000+/-0.000 χ^2/NDF : 17983873.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 8610315.0/16

0.000+/-0.000 χ^2/NDF : 16515148.2/25

Left In: 0.493+/-0.000 χ^2/NDF : 214040.2/8

yield_cav4cX_mean vs slug



Right In: 0.118 $\pm$ 0.000 χ^2/NDF : 4925059712.4/14

Left Out: 0.163 $\pm$ 0.000 χ^2/NDF : 101593637.2/9

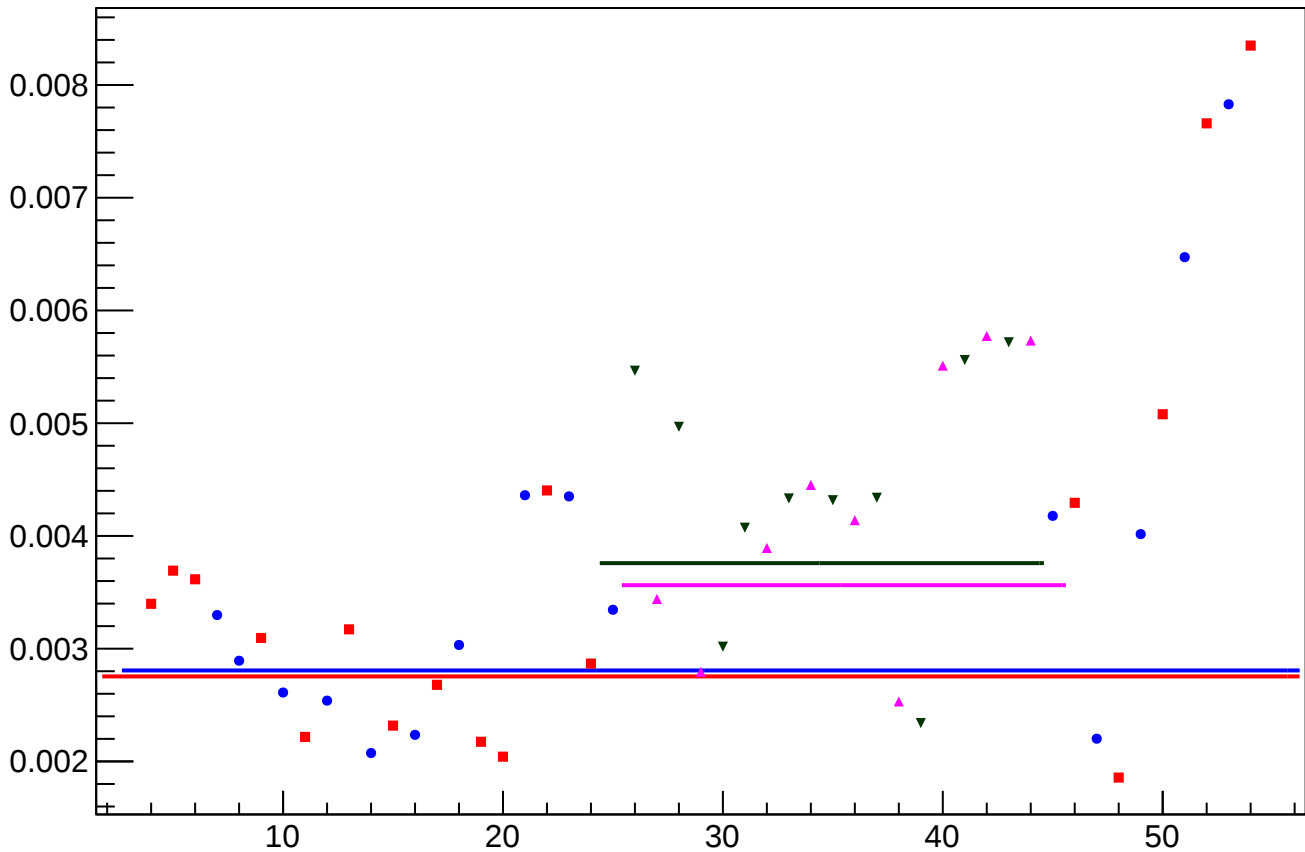
Right Out: 0.127 $\pm$ 0.000 χ^2/NDF : 4413404146.5/16

Left In: 0.161 $\pm$ 0.000 χ^2/NDF : 11671584.7/8

0.129 $\pm$ 0.000 χ^2/NDF : 5521013910.0/24

0.136 $\pm$ 0.000 χ^2/NDF : 4750655151.8/25

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1687206.6/14

Left Out: 0.004+/-0.000 χ^2/NDF :884952.0/9

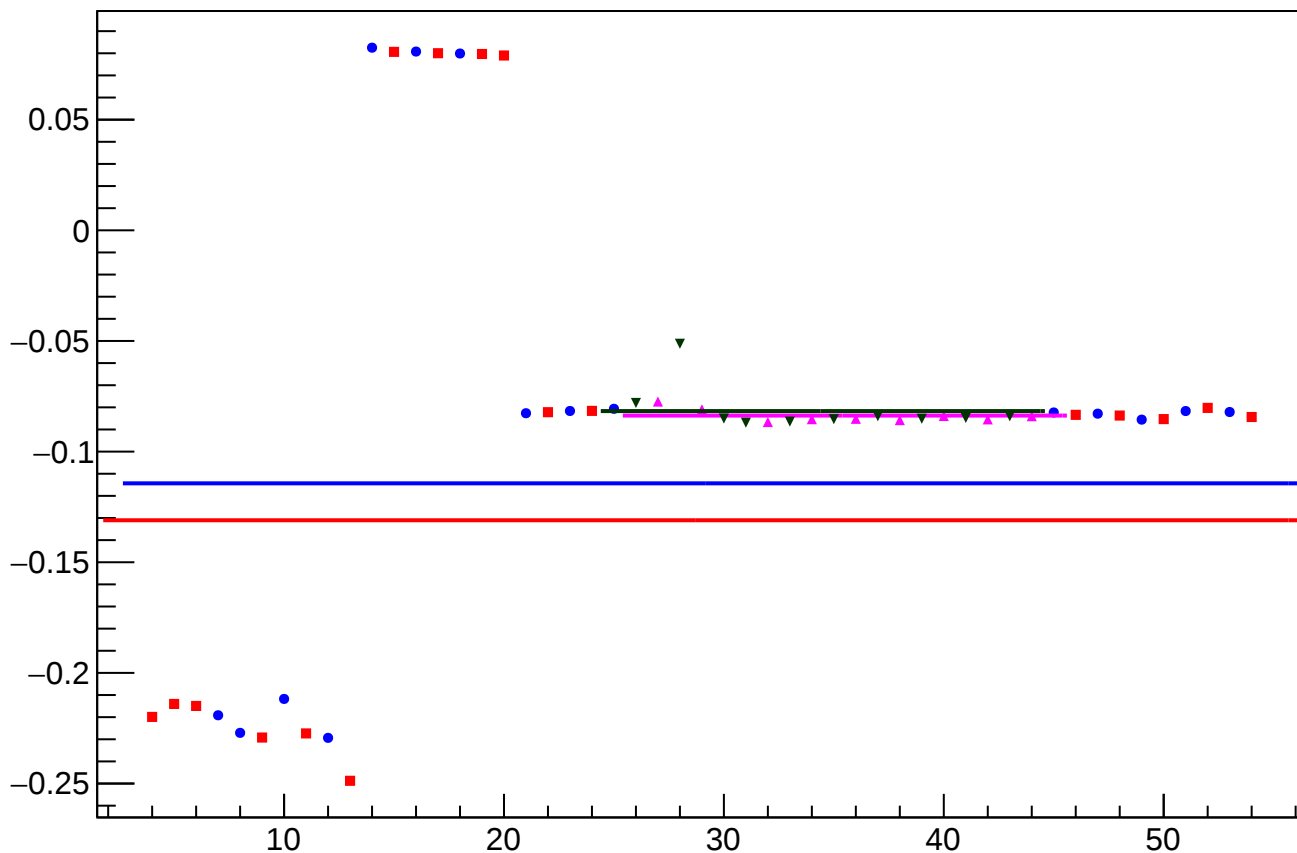
Right Out: 0.003+/-0.000 χ^2/NDF : 1965145.8/16

Left In: 0.004+/-0.000 χ^2/NDF :752035.9/8

0.003+/-0.000 χ^2/NDF : 3018078.3/24

0.003+/-0.000 χ^2/NDF : 3080972.1/25

yield_cav4cY_mean vs slug



Right In: -0.114+/-0.000 χ^2/NDF : 9670186526.3/14

Left Out: -0.082+/-0.000 χ^2/NDF : 35856752.9/9

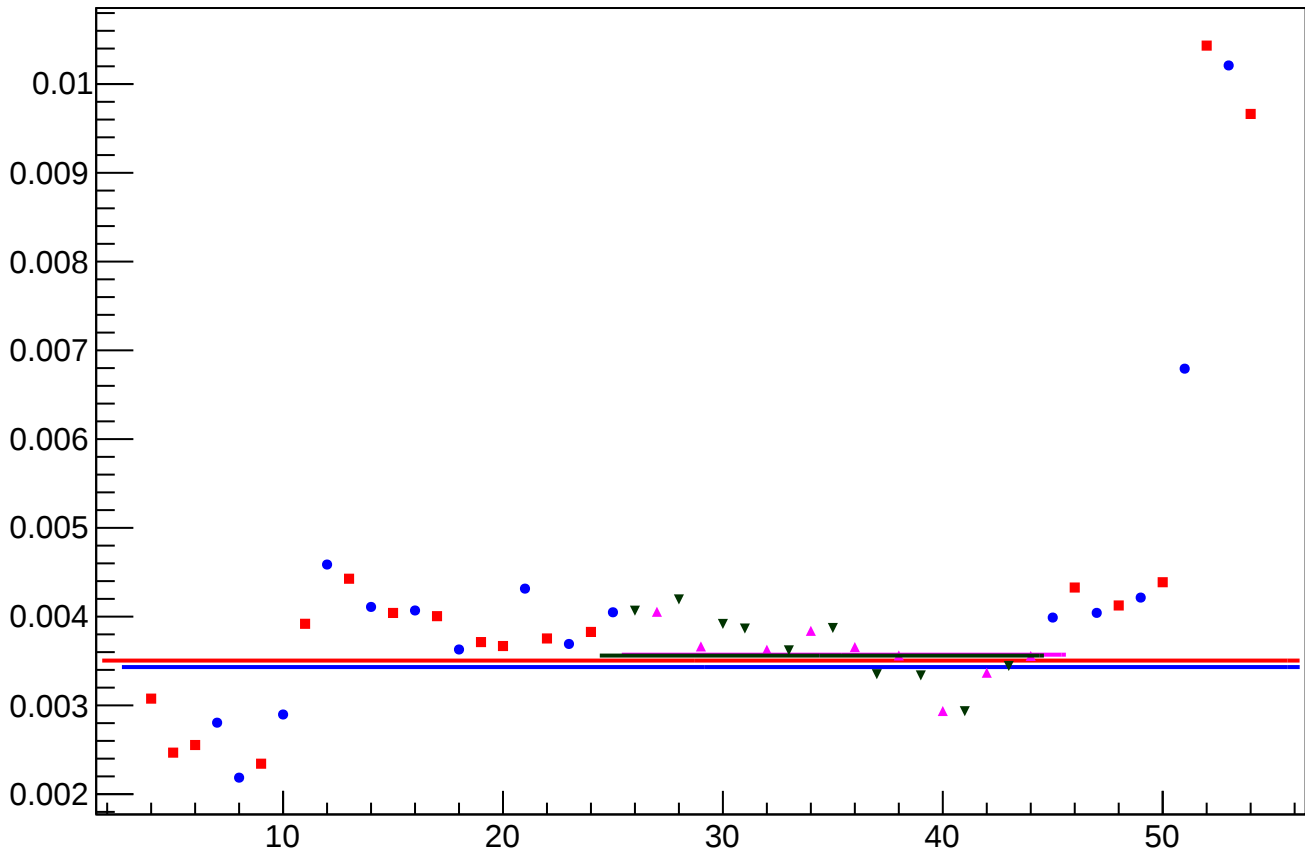
Right Out: -0.131+/-0.000 χ^2/NDF : 8846578759.6/16

Left In: -0.084+/-0.000 χ^2/NDF : 3521413.4/8

-0.102+/-0.000 χ^2/NDF : 9975376686.1/24

-0.112+/-0.000 χ^2/NDF : 9416461230.3/25

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1580434.3/14

Left Out: 0.004+/-0.000 χ^2/NDF :124023.6/9

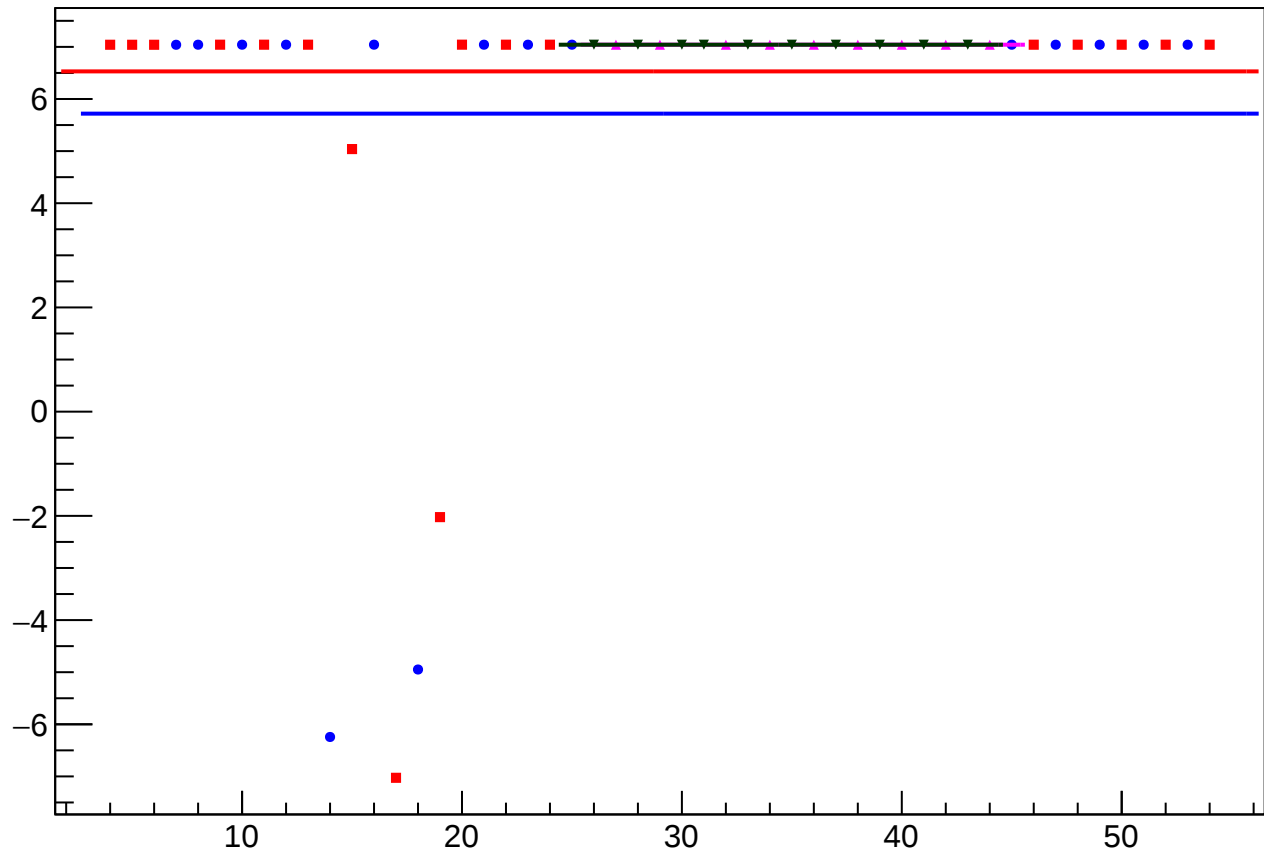
0.003+/-0.000 χ^2/NDF : 1712938.6/24

Right Out: 0.004+/-0.000 χ^2/NDF : 1599888.3/16

0.004+/-0.000 χ^2/NDF : 1681326.9/25

Left In: 0.004+/-0.000 χ^2/NDF :79207.1/8

yield_cav4dX_mean vs slug



Right In: 5.719+/-0.000 χ^2/NDF : 4522205578654837.0/14

Left Out: 7.042+/-0.000 χ^2/NDF : 765209.6/9

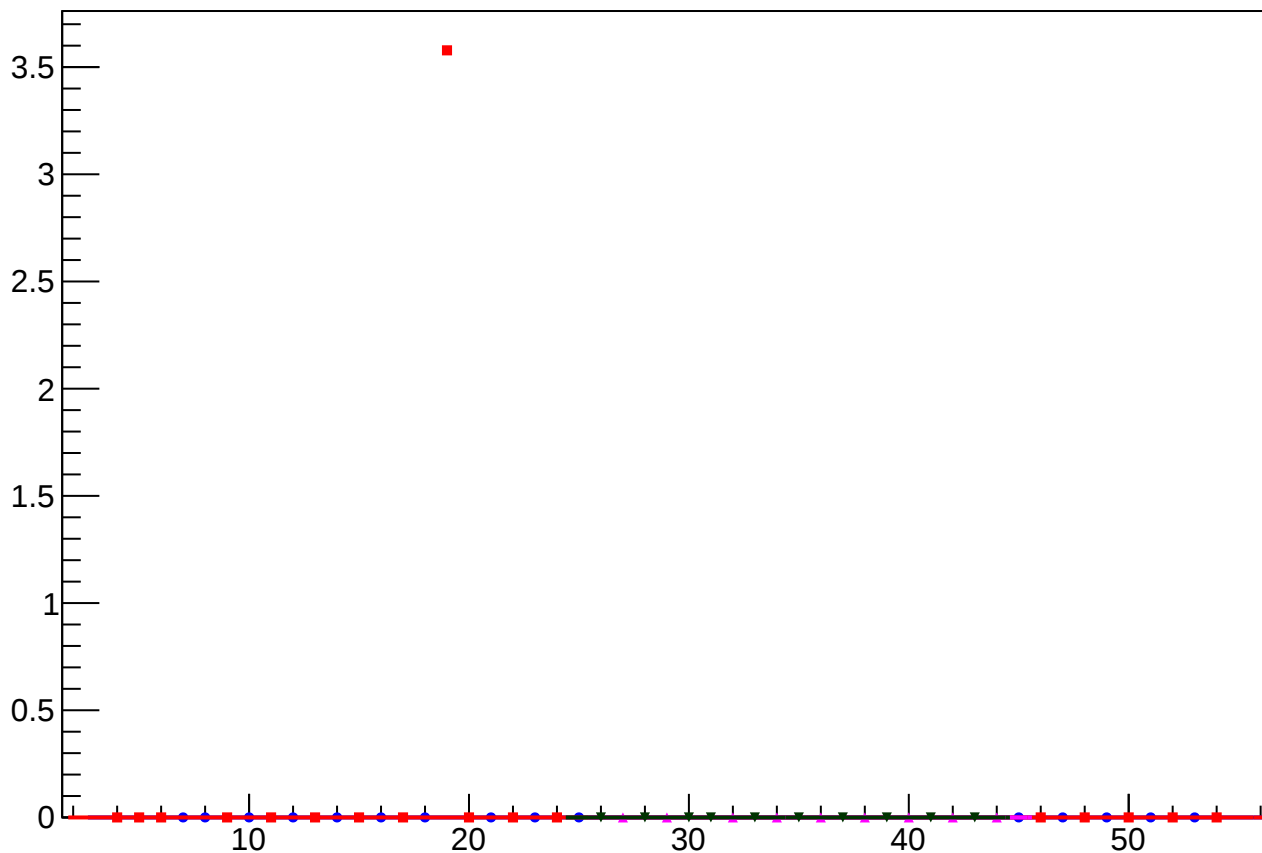
Right Out: 6.530+/-0.000 χ^2/NDF : 1849485688272027.5/16

Left In: 7.042+/-0.000 χ^2/NDF : 540646.4/8

6.261+/-0.000 χ^2/NDF : 4731273132910814.0/2

6.756+/-0.000 χ^2/NDF : 1881341146496877.5/2

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 3417.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :1535.6/9

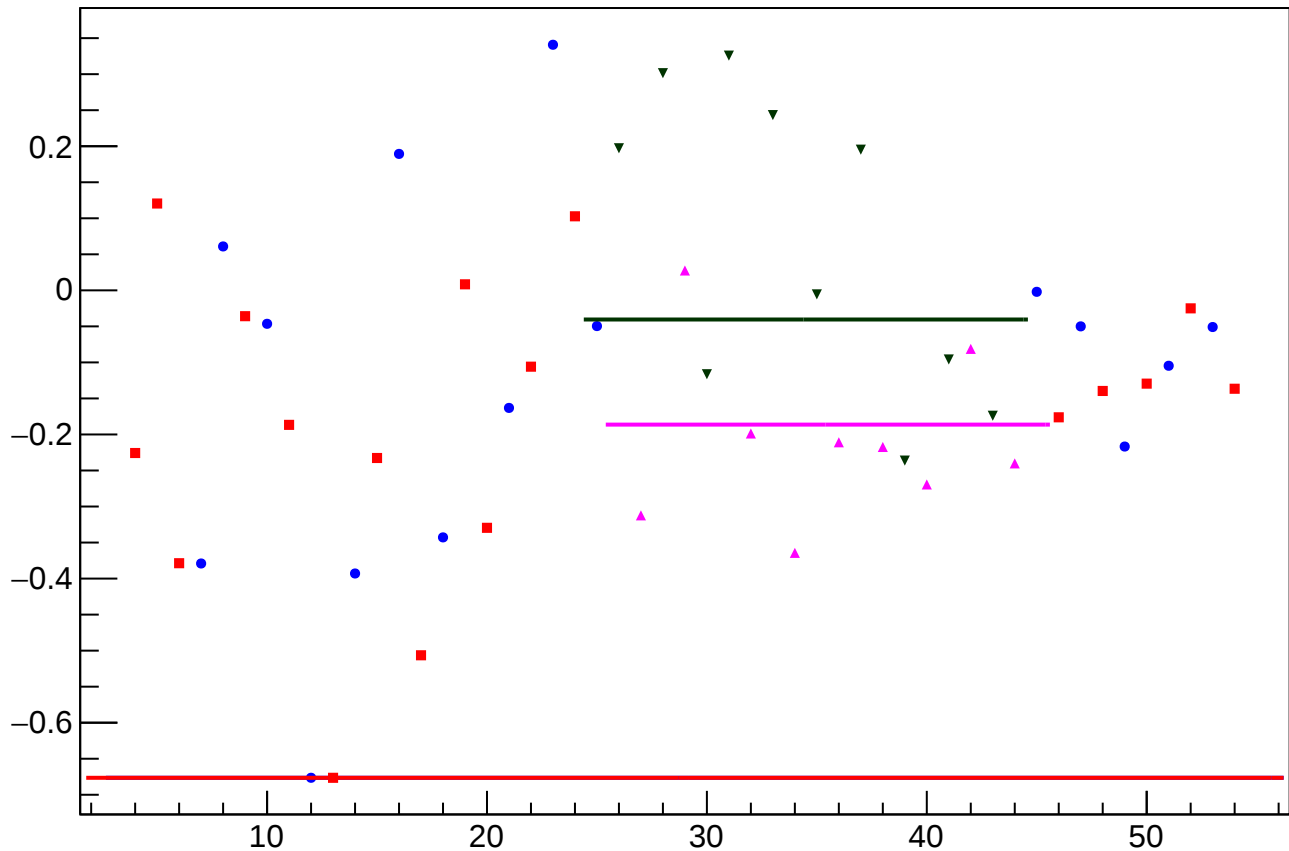
Right Out: 0.000+/-0.000 χ^2/NDF : 697067.5/16

Left In: 0.000+/-0.000 χ^2/NDF :1769.6/8

0.000+/-0.000 χ^2/NDF : 6224.1/24

0.000+/-0.000 χ^2/NDF : 702605.2/25

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 259966120.5/14

Left Out: -0.040+/-0.000 χ^2/NDF : 16704113.3/9

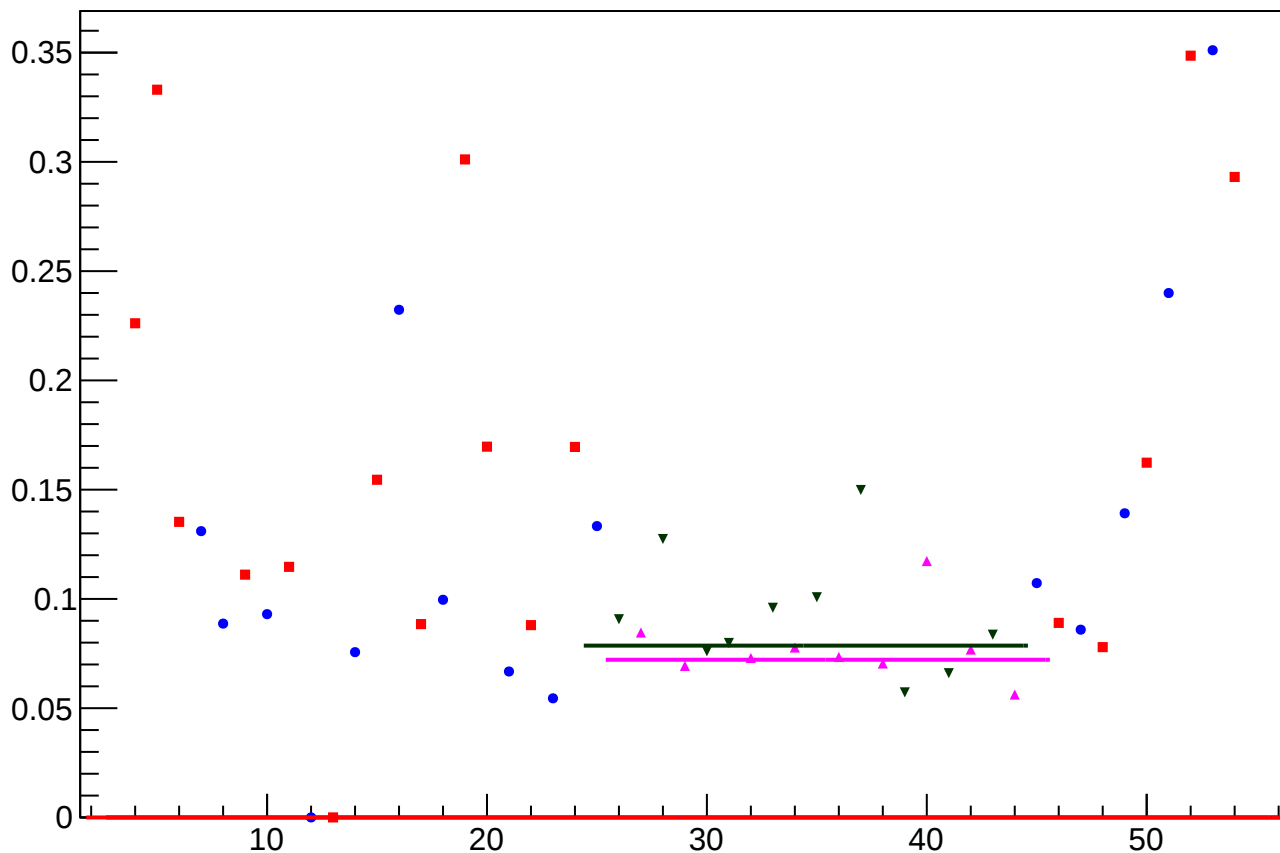
-0.676+/-0.000 χ^2/NDF : 464705589.7/24

Right Out: -0.676+/-0.000 χ^2/NDF : 97114007.1/16

-0.676+/-0.000 χ^2/NDF : 262961468.9/25

Left In: -0.186+/-0.000 χ^2/NDF : 8365095.9/8

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 12838048.4/14

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

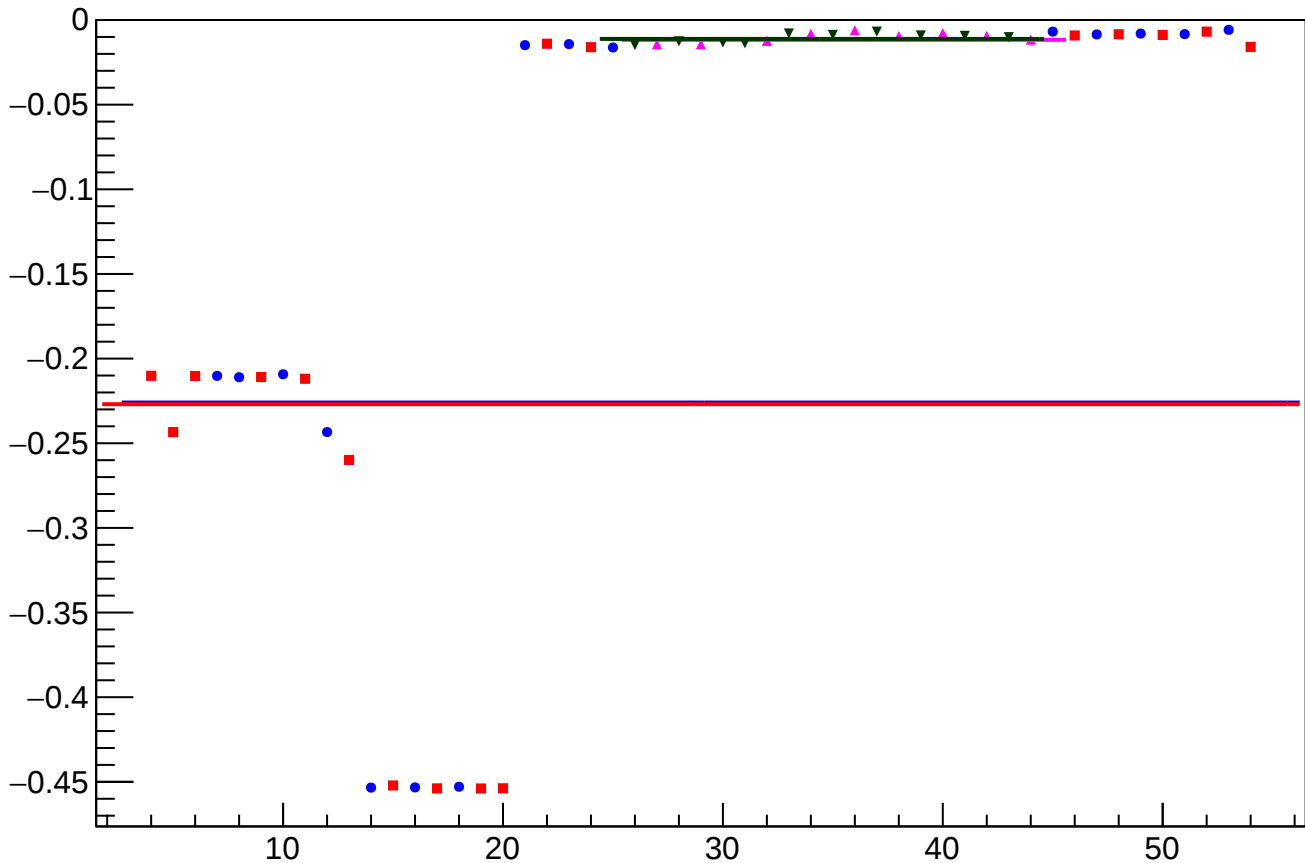
Right Out: 0.000+/-0.000 χ^2/NDF : 11989599.3/16

Left In: 0.072+/-0.000 χ^2/NDF : 192884.5/8

0.000+/-0.000 χ^2/NDF : 19037656.9/24

0.000+/-0.000 χ^2/NDF : 19007669.5/25

yield_bpm4aX_mean vs slug



Right In: -0.226+/-0.000 χ^2/NDF : 4919177075.7/14

Left Out: -0.011+/-0.000 χ^2/NDF : 401443.1/9

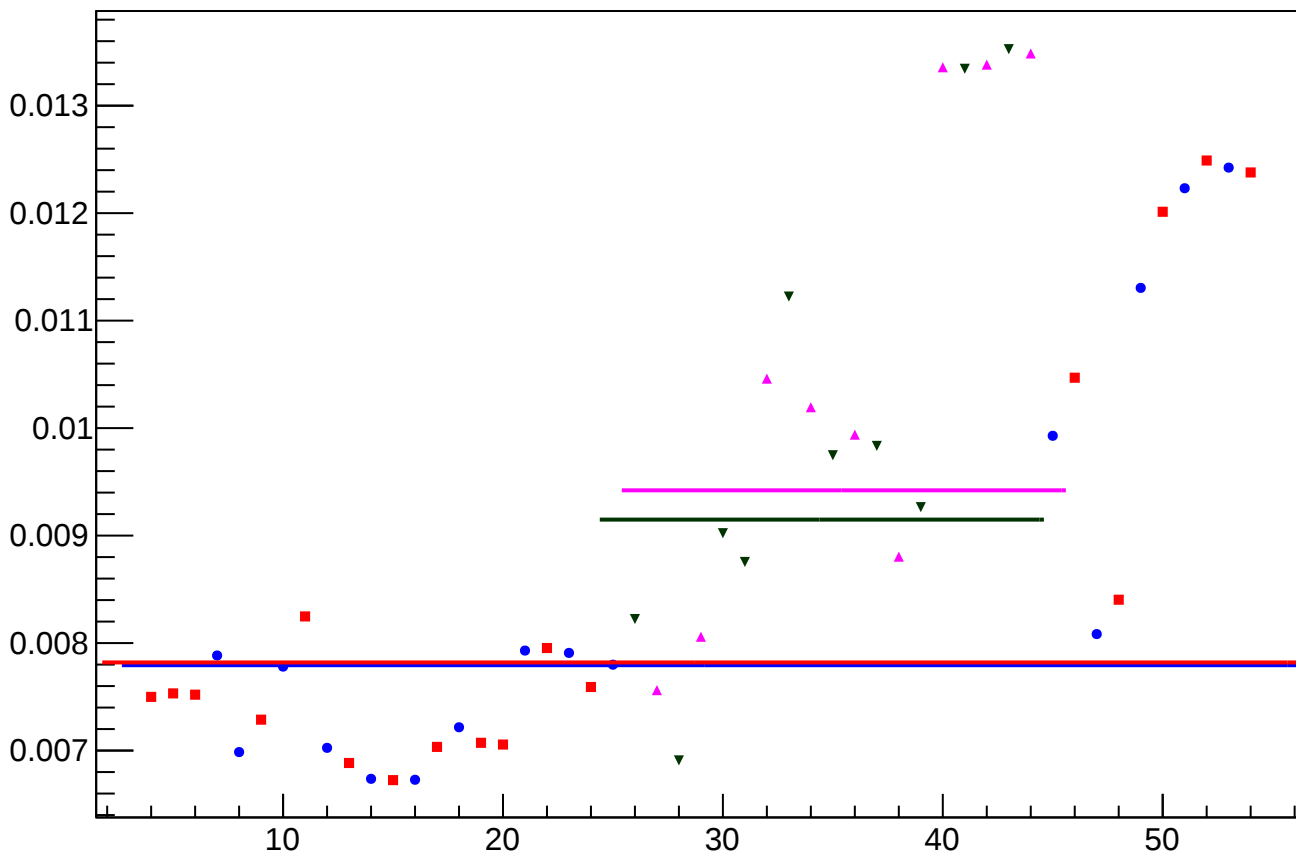
-0.164+/-0.000 χ^2/NDF : 6892304805.8/24

Right Out: -0.227+/-0.000 χ^2/NDF : 3807702339.0/16

-0.163+/-0.000 χ^2/NDF : 5755384821.0/25

Left In: -0.012+/-0.000 χ^2/NDF : 495469.4/8

yield_bpm4aX_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 614065.5/14

Left Out: 0.009+/-0.000 χ^2/NDF : 410320.9/9

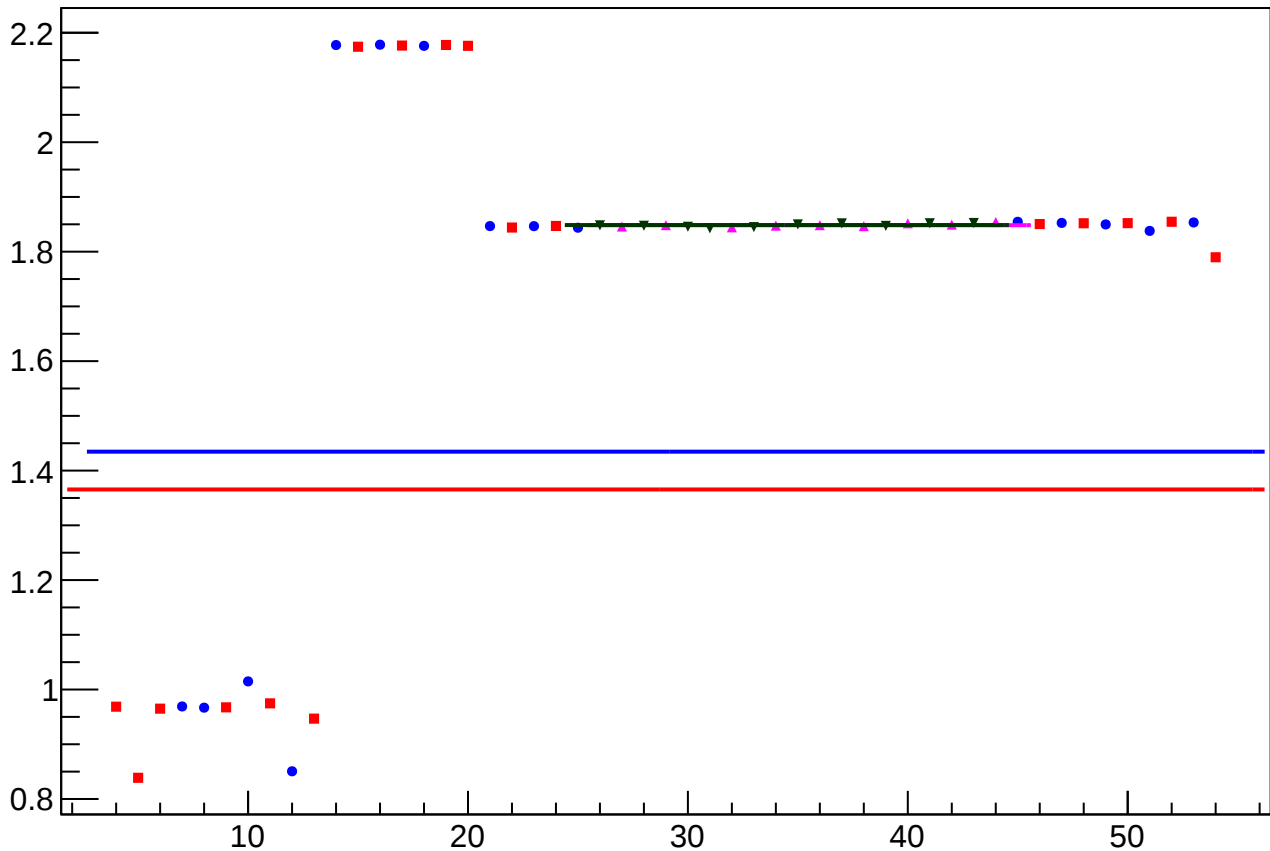
Right Out: 0.008+/-0.000 χ^2/NDF : 599069.3/16

Left In: 0.009+/-0.000 χ^2/NDF : 449025.1/8

0.008+/-0.000 χ^2/NDF : 1181292.9/24

0.008+/-0.000 χ^2/NDF : 1263590.4/25

yield_bpm4aY_mean vs slug



Right In: 1.435+/-0.000 χ^2/NDF : 14094025298.3/14

Left Out: 1.849+/-0.000 χ^2/NDF :239961.3/9

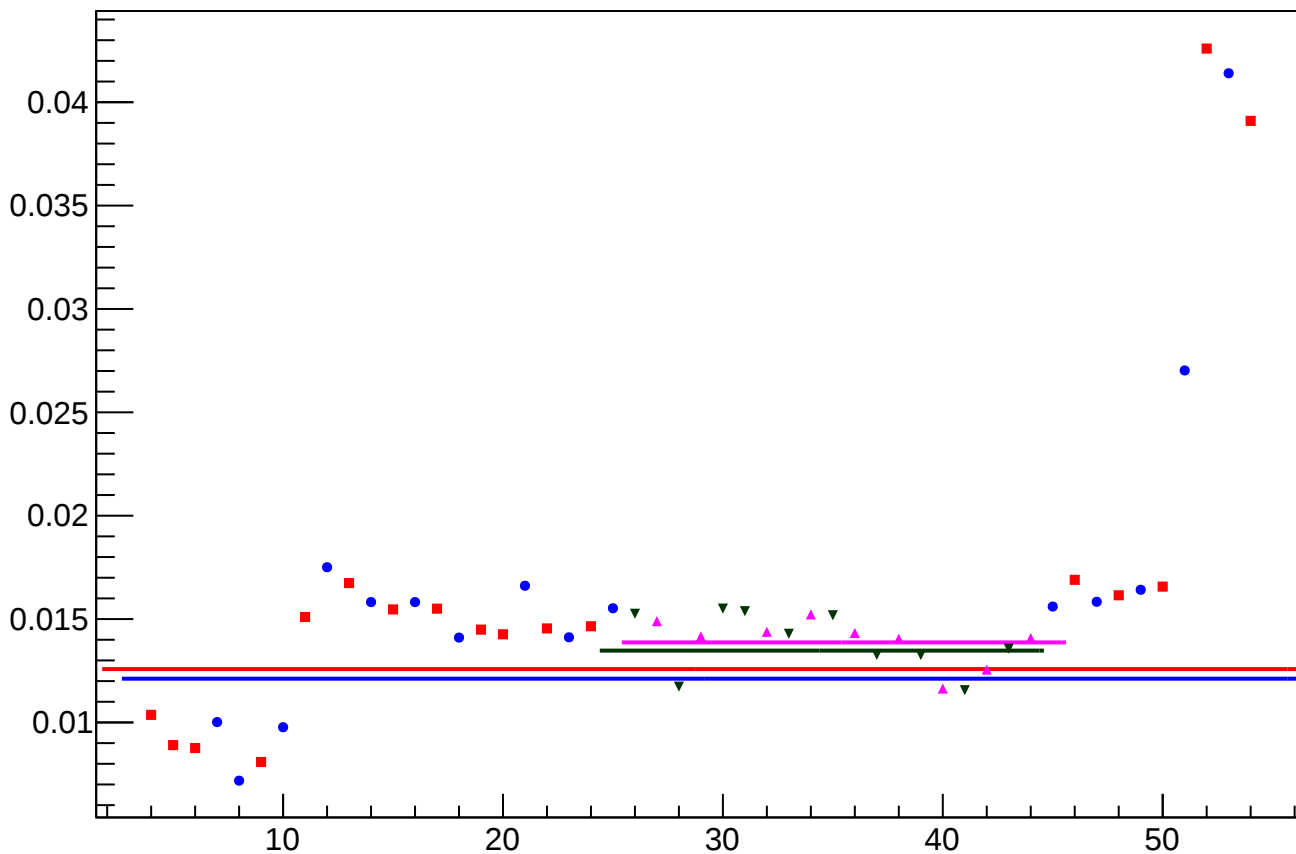
1.577+/-0.000 χ^2/NDF : 17212826649.6/24

Right Out: 1.366+/-0.000 χ^2/NDF : 12522064265.3/16

1.546+/-0.000 χ^2/NDF : 16666684583.2/25

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 : 2318296.1/14

Left Out: 0.013+/-0.000 χ^2/NDF :115364.2/9

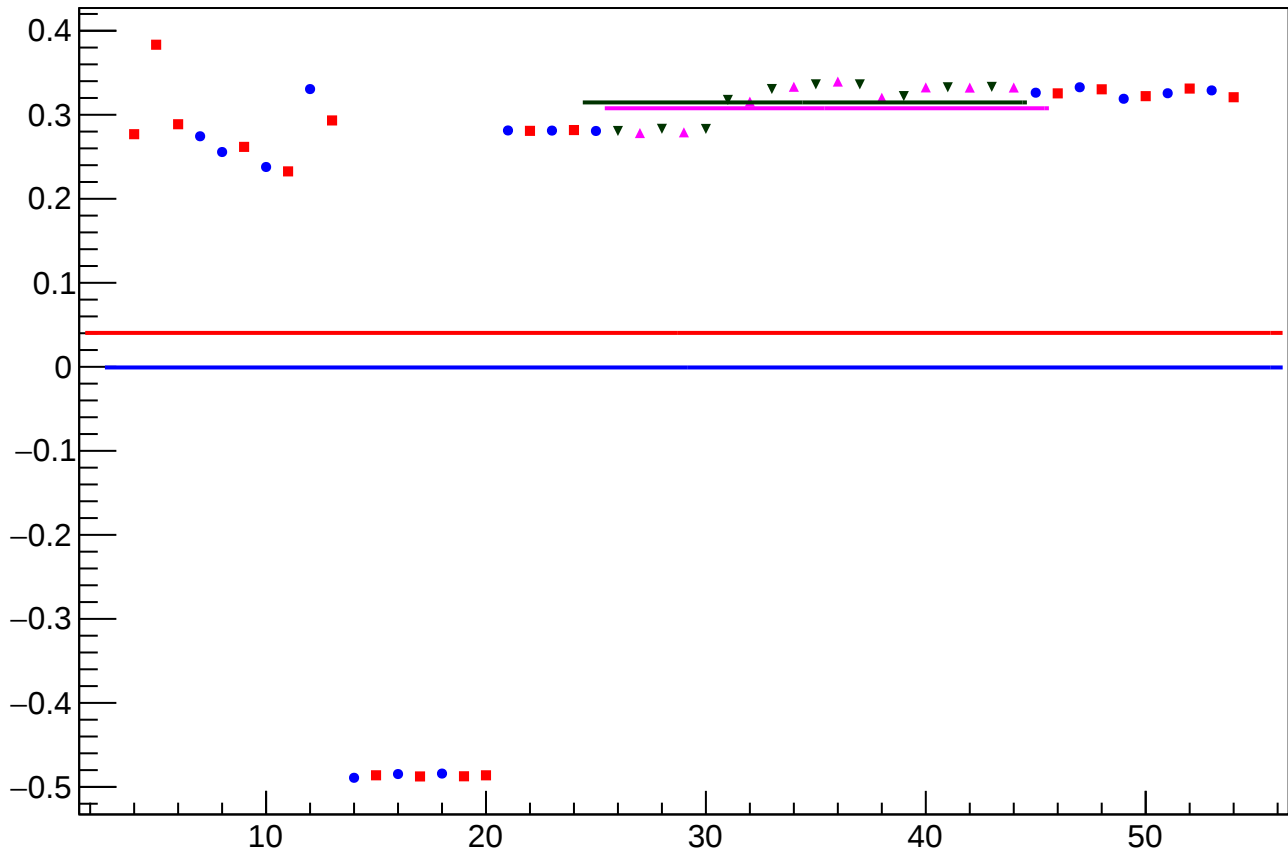
Right Out: 0.013+/-0.000 χ^2/NDF : 2103250.7/16

Left In: 0.014+/-0.000 χ^2/NDF :66613.9/8

0.013+/-0.000 χ^2/NDF : 2500754.9/24

0.013+/-0.000 χ^2/NDF : 2228941.9/25

yield_bpm4eX_mean vs slug



Right In: -0.001 $\pm$ 0.000 χ^2 /NDF: 3529253431.6/14

Left Out: 0.315 $\pm$ 0.000 χ^2 /NDF: 5189197.9/9

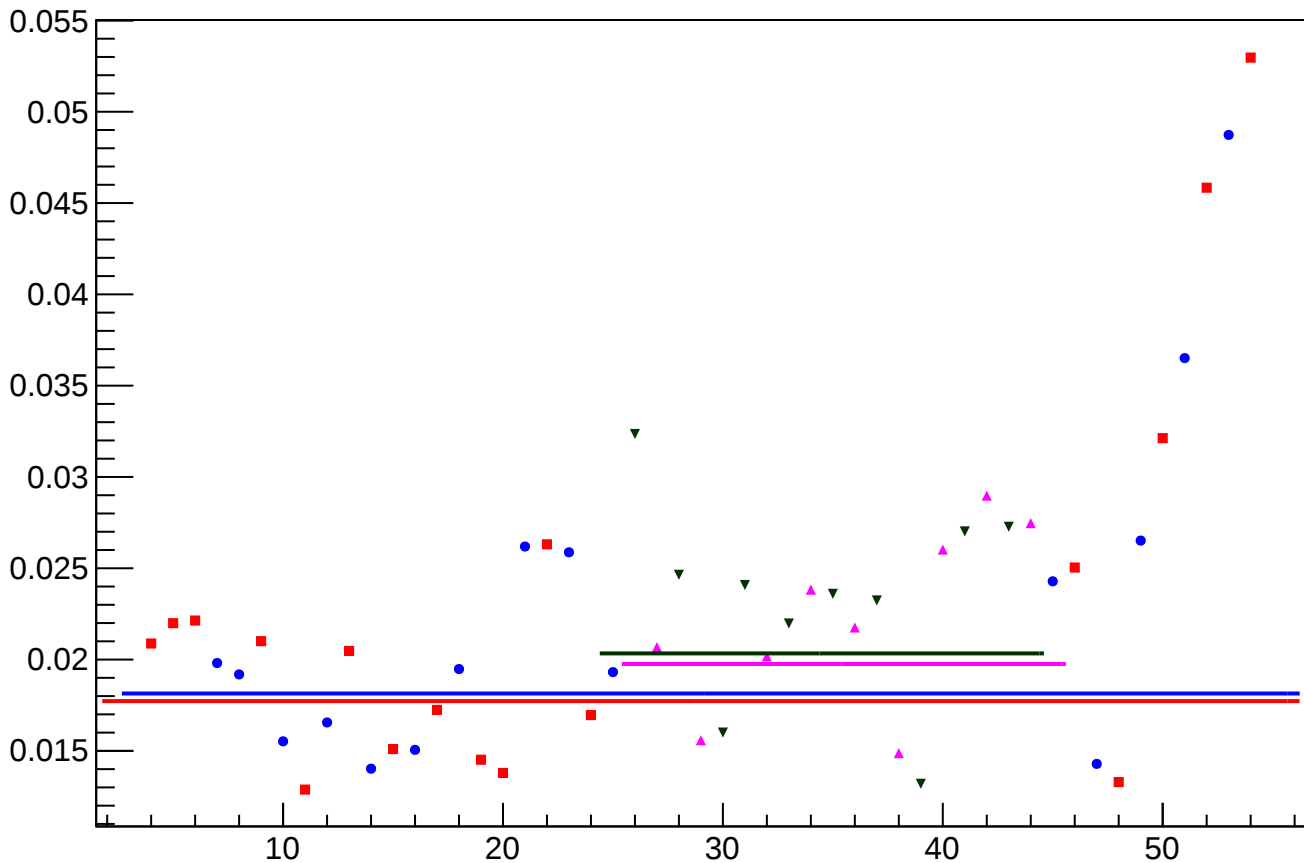
0.098 $\pm$ 0.000 χ^2 /NDF: 4307602169.2/24

Right Out: 0.040 $\pm$ 0.000 χ^2 /NDF: 3136217223.8/16

0.132 $\pm$ 0.000 χ^2 /NDF: 3744198542.8/25

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF: 7383992.6/8

yield_bpm4eX_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1404473.6/14

Left Out: 0.020+/-0.000 χ^2/NDF : 733336.7/9

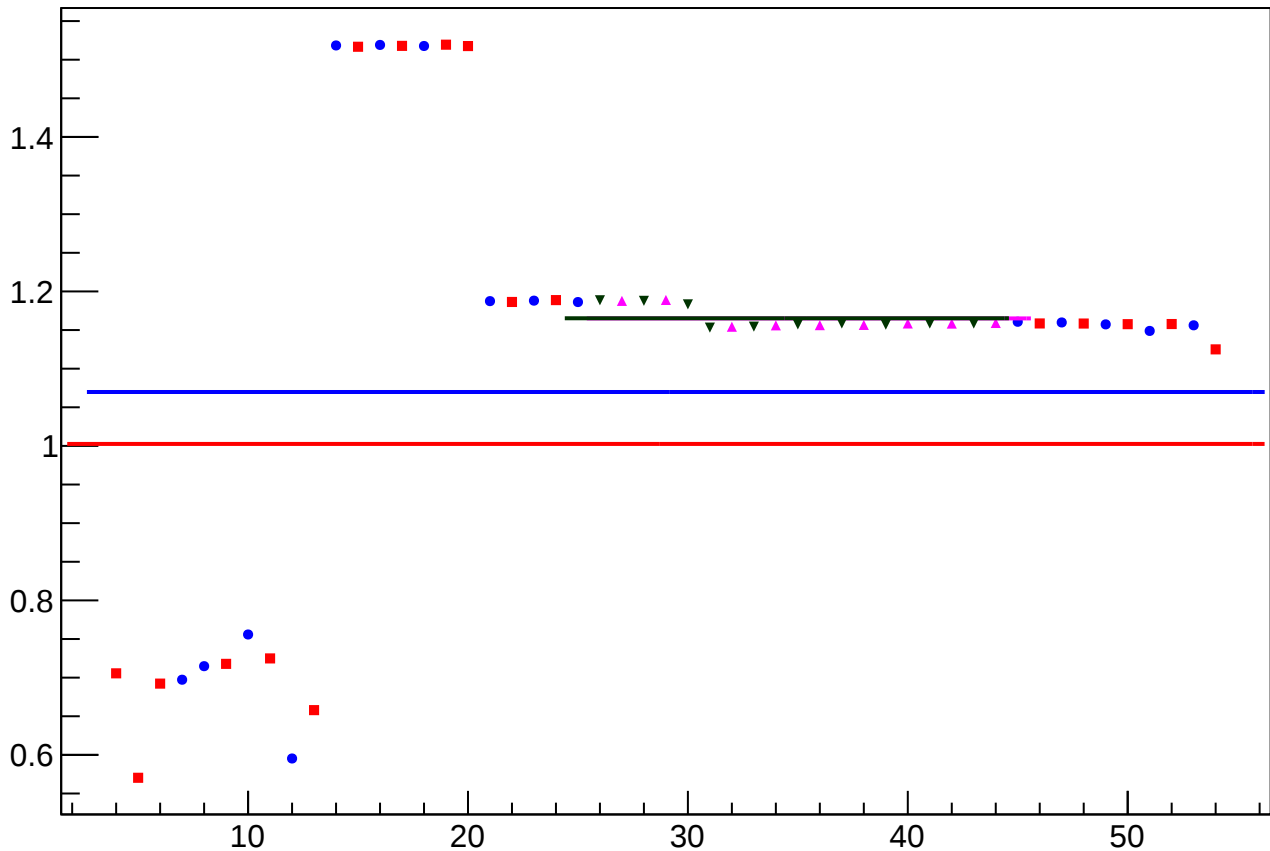
0.019+/-0.000 χ^2/NDF : 2212766.5/24

Right Out: 0.018+/-0.000 χ^2/NDF : 1782409.8/16

0.018+/-0.000 χ^2/NDF : 2333908.2/25

Left In: 0.020+/-0.000 χ^2/NDF : 482021.9/8

yield_bpm4eY_mean vs slug



Right In: 1.070+/-0.000 χ^2/NDF : 10449220333.1/14

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

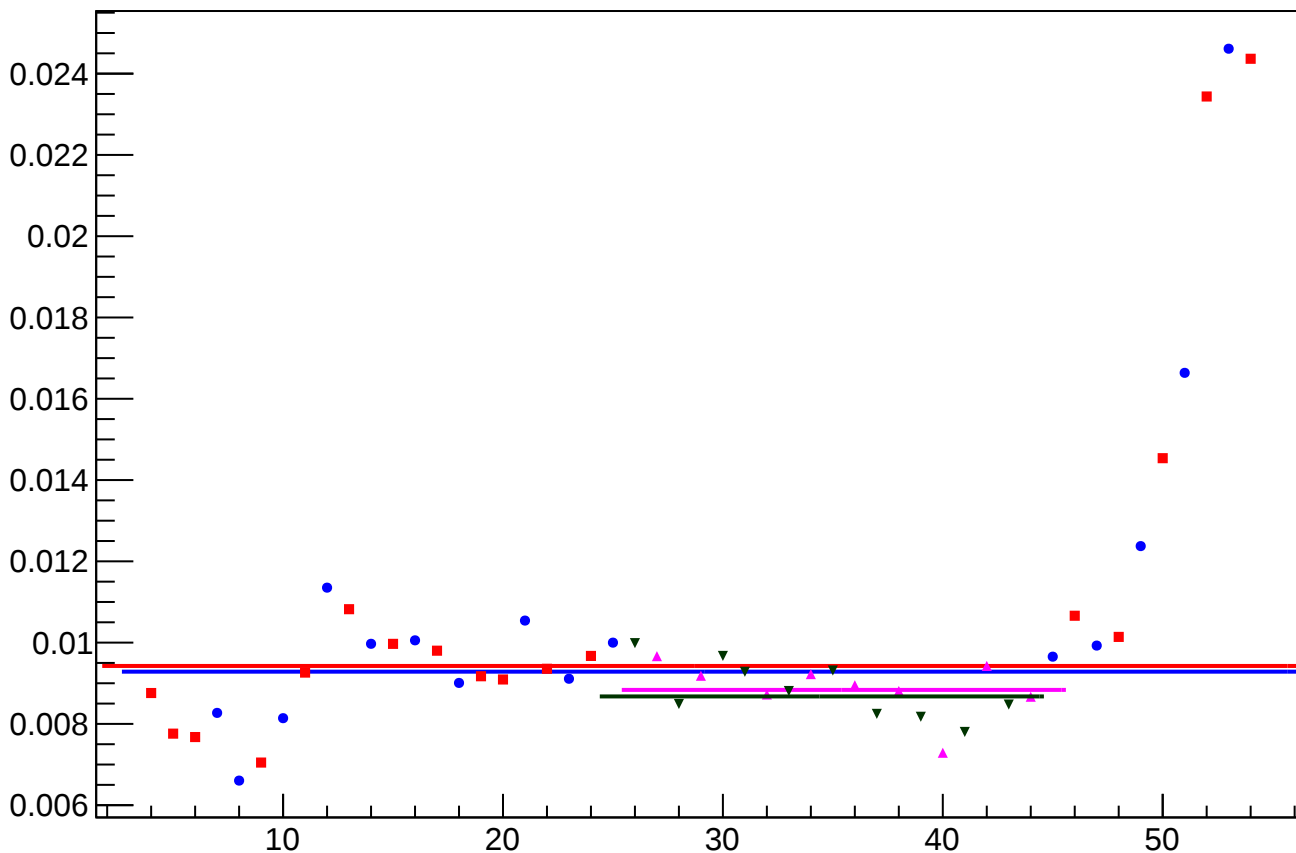
Right Out: 1.003+/-0.000 χ^2/NDF : 10241916456.1/16

Left In: 1.165+/-0.000 χ^2/NDF :13354823.7/8

1.109+/-0.000 χ^2/NDF : 10825595581.2/24

1.073+/-0.000 χ^2/NDF : 11286129164.6/25

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 1020714.3/14

Left Out: 0.009+/-0.000 χ^2/NDF :57413.1/9

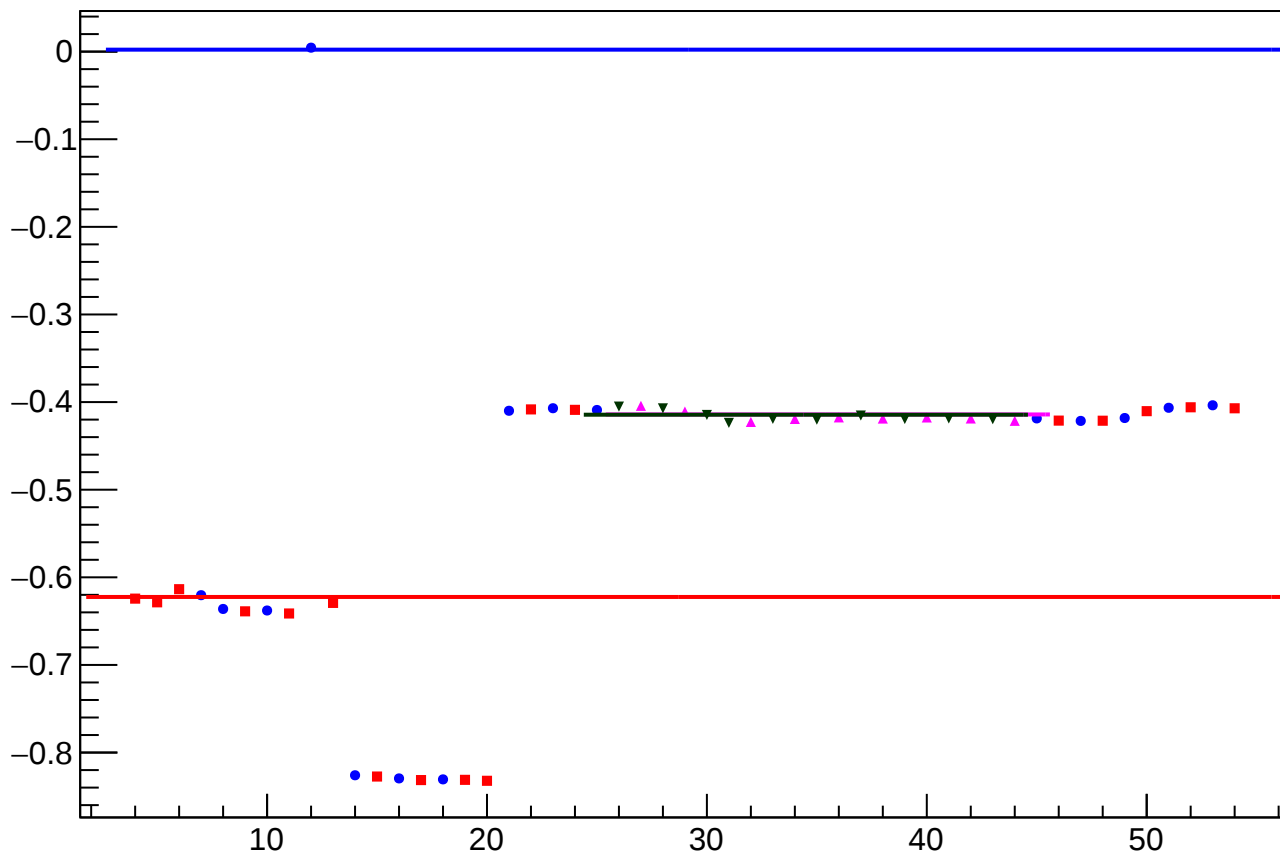
Right Out: 0.009+/-0.000 χ^2/NDF : 1109715.0/16

Left In: 0.009+/-0.000 χ^2/NDF :63755.7/8

0.009+/-0.000 χ^2/NDF : 1107824.3/24

0.009+/-0.000 χ^2/NDF : 1200566.2/25

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 56556847238.5/14

Left Out: -0.414+/-0.000 χ^2/NDF : 2260145.2/9

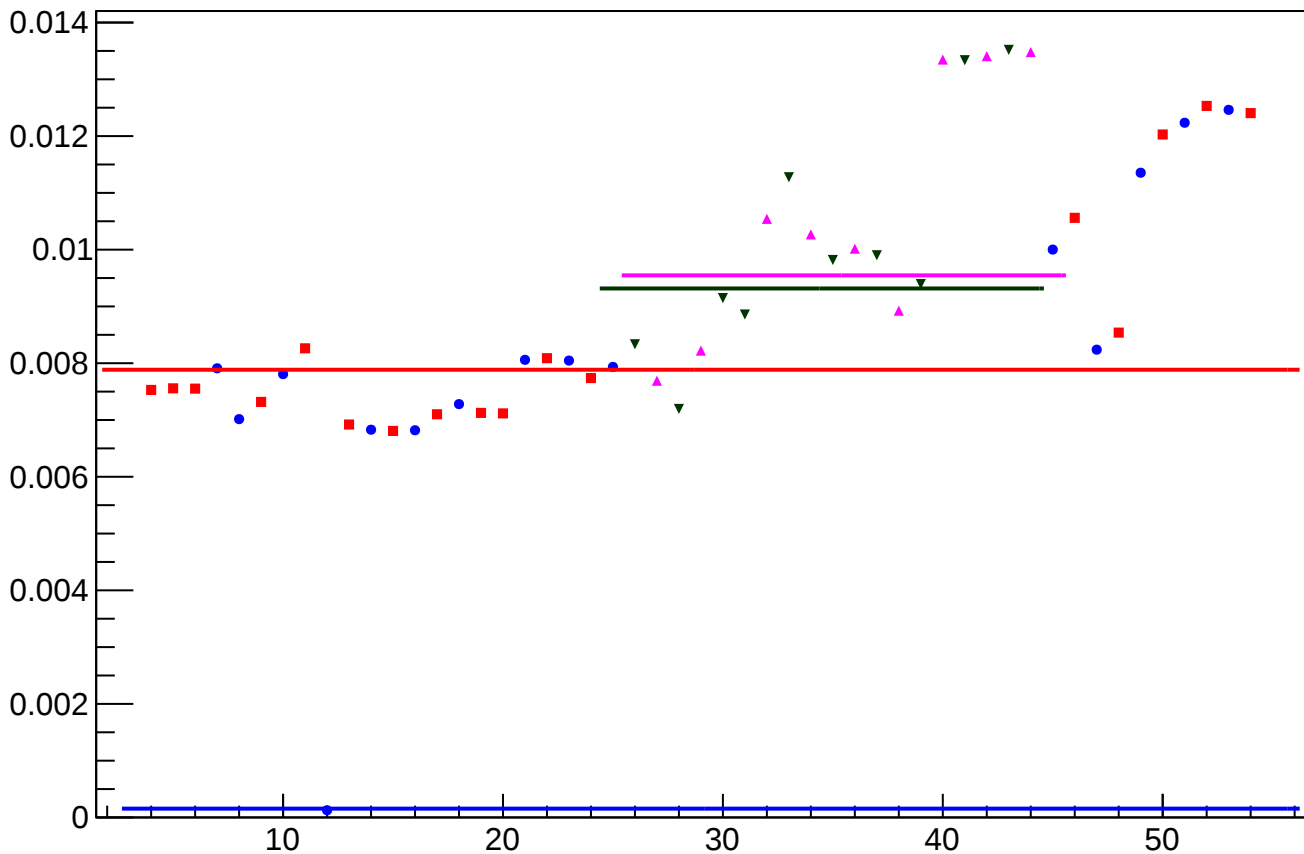
Right Out: -0.622+/-0.000 χ^2/NDF : 3334275215.8/16

Left In: -0.414+/-0.000 χ^2/NDF : 2651942.7/8

0.002+/-0.000 χ^2/NDF : 66662709724.5/24

-0.561+/-0.000 χ^2/NDF : 5122395887.7/25

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16856498.0/14

Left Out: 0.009+/-0.000 χ^2/NDF : 365508.7/9

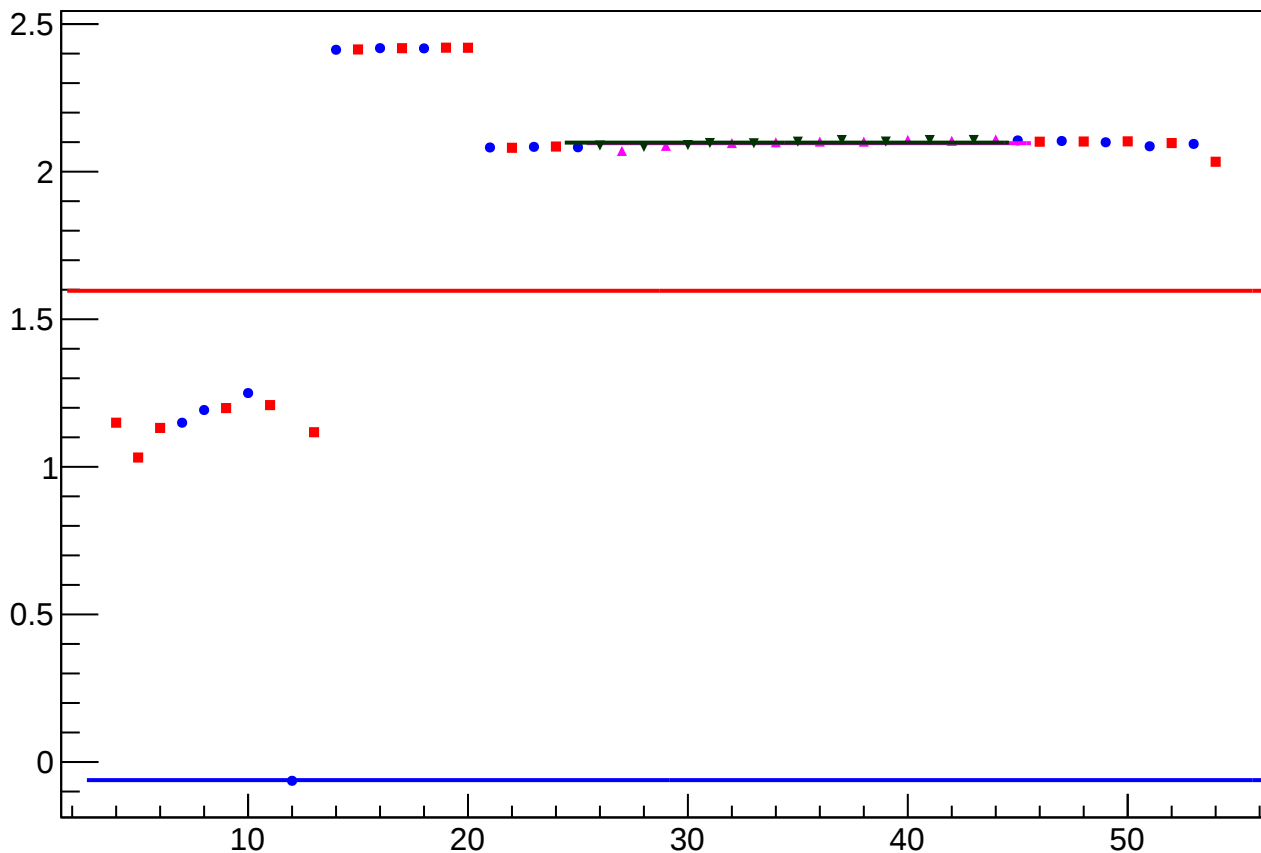
0.000+/-0.000 χ^2/NDF : 26991309.0/24

Right Out: 0.008+/-0.000 χ^2/NDF : 591824.8/16

0.008+/-0.000 χ^2/NDF : 1241036.5/25

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 : 165314713308.3/14

Left Out: 2.098+/-0.000 χ^2/NDF :2018647.6/9

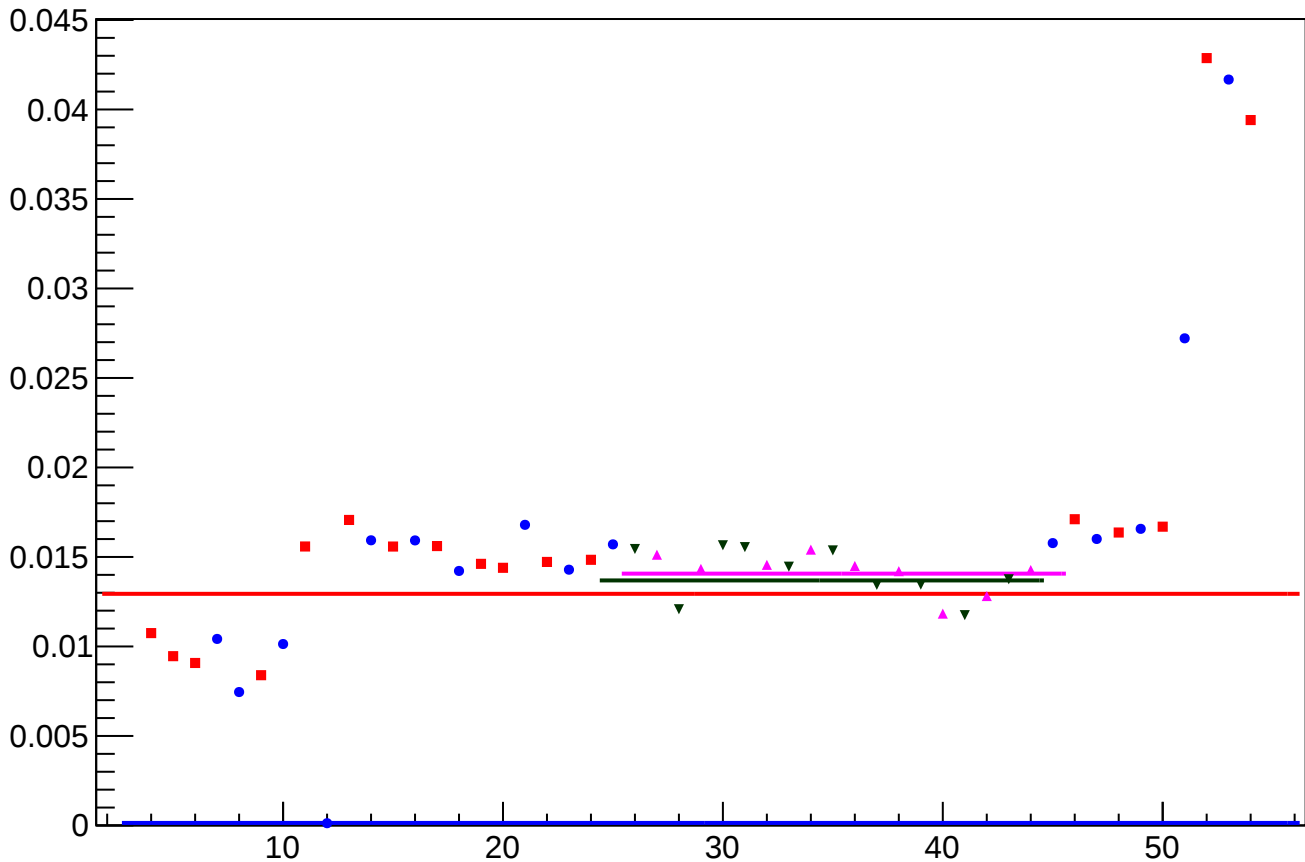
Right Out: 1.596+/-0.000 χ^2/NDF : 13029582072.5/16

Left In: 2.096+/-0.000 χ^2/NDF :3992542.9/8

-0.060+/-0.000 χ^2/NDF : 290624535632.2/24

1.786+/-0.000 χ^2/NDF : 17314685055.9/25

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16376847.0/14

Left Out: 0.014+/-0.000 χ^2/NDF :106273.7/9

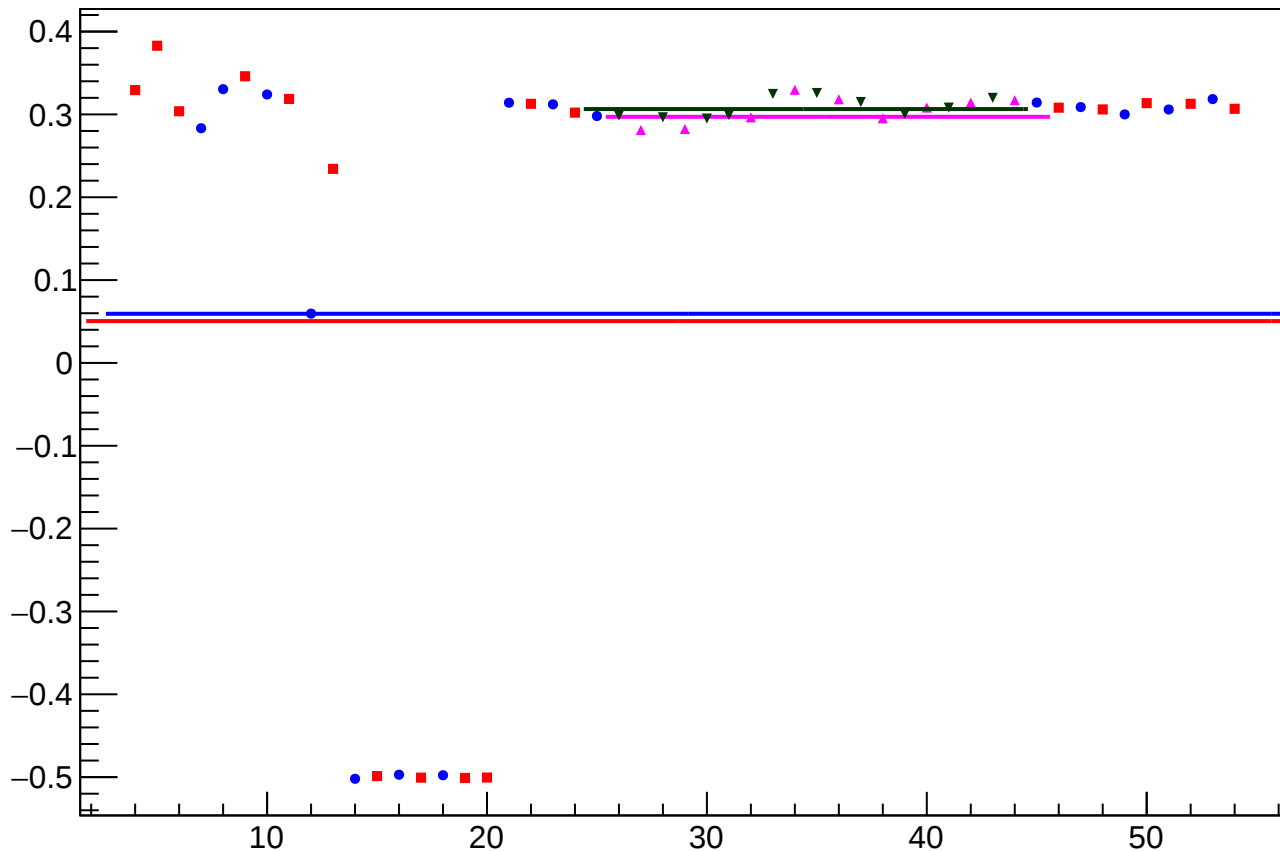
0.000+/-0.000 χ^2/NDF : 26344441.6/24

Right Out: 0.013+/-0.000 χ^2/NDF : 1993245.6/16

0.013+/-0.000 χ^2/NDF : 2100190.9/25

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 : 3850539735.3/14

Left Out: 0.306 ± 0.000 χ^2/NDF : 1355327.7/9

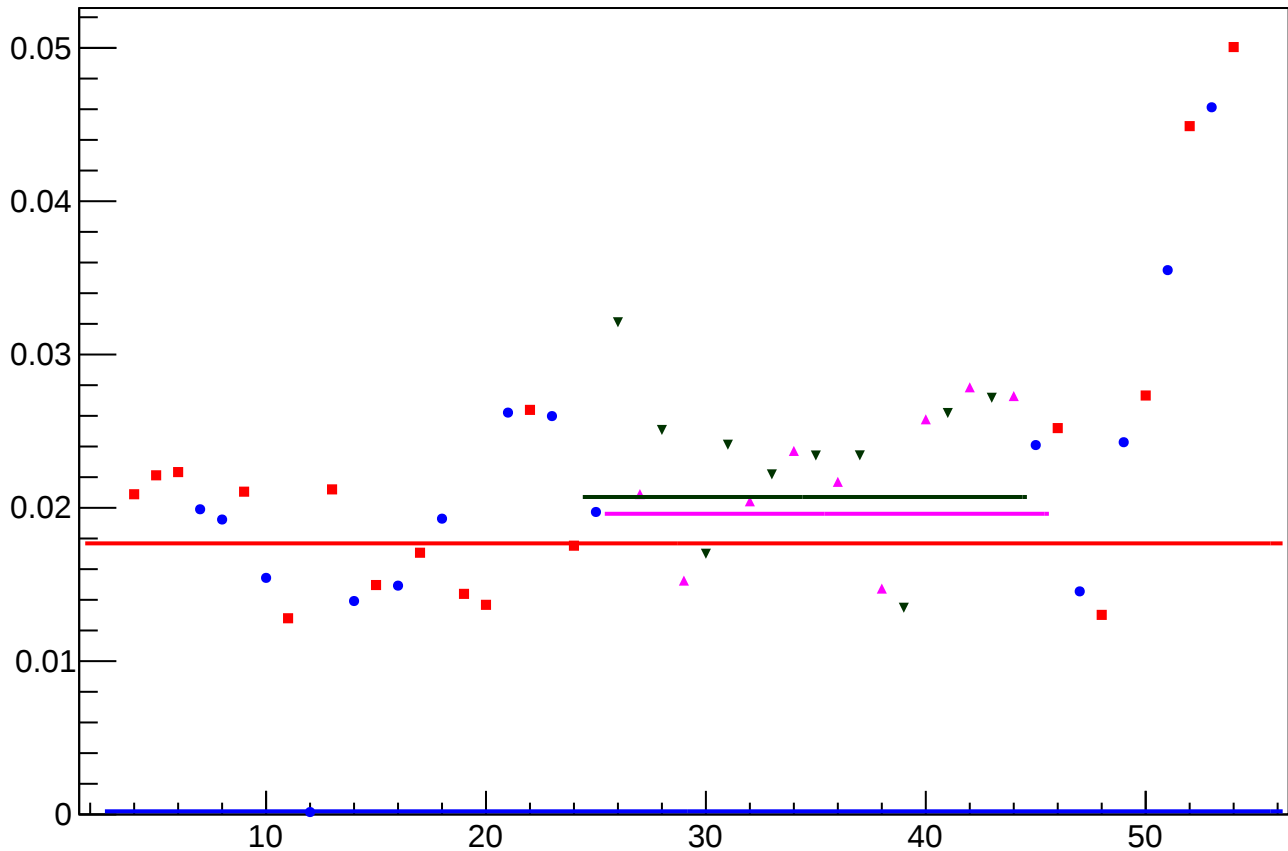
Right Out: 0.051 ± 0.000 χ^2/NDF : 3491325588.9/16

Left In: 0.297 ± 0.000 χ^2/NDF : 3115046.5/8

0.060 ± 0.000 χ^2/NDF : 4523946253.0/24

0.136 ± 0.000 χ^2/NDF : 4013578386.3/25

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16351152.1/14

Left Out: 0.021+/-0.000 χ^2/NDF : 655279.7/9

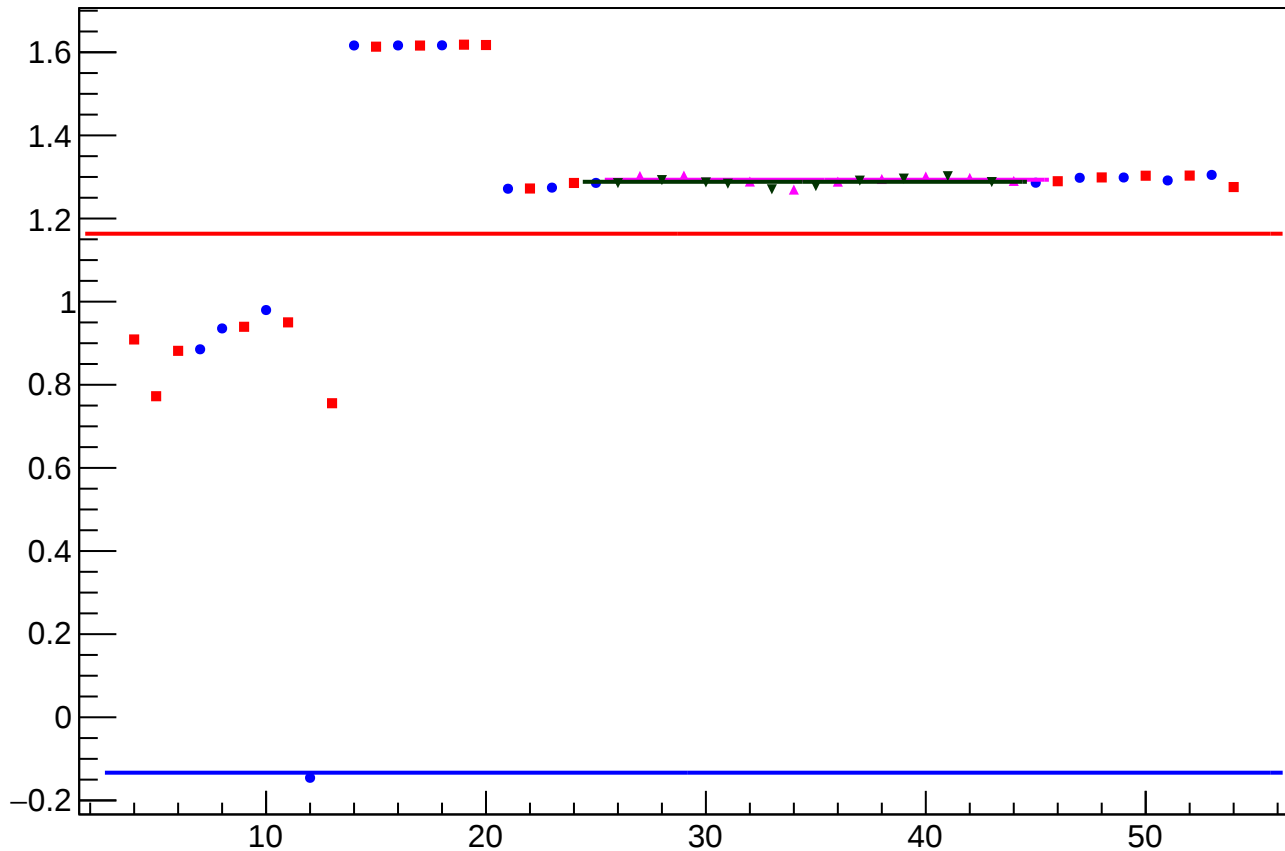
0.000+/-0.000 χ^2/NDF : 26256351.6/24

Right Out: 0.018+/-0.000 χ^2/NDF : 1727804.0/16

0.018+/-0.000 χ^2/NDF : 2284882.8/25

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 : 163178315082.1/14

Left Out: 1.288+/-0.000 χ^2/NDF :3982202.6/9

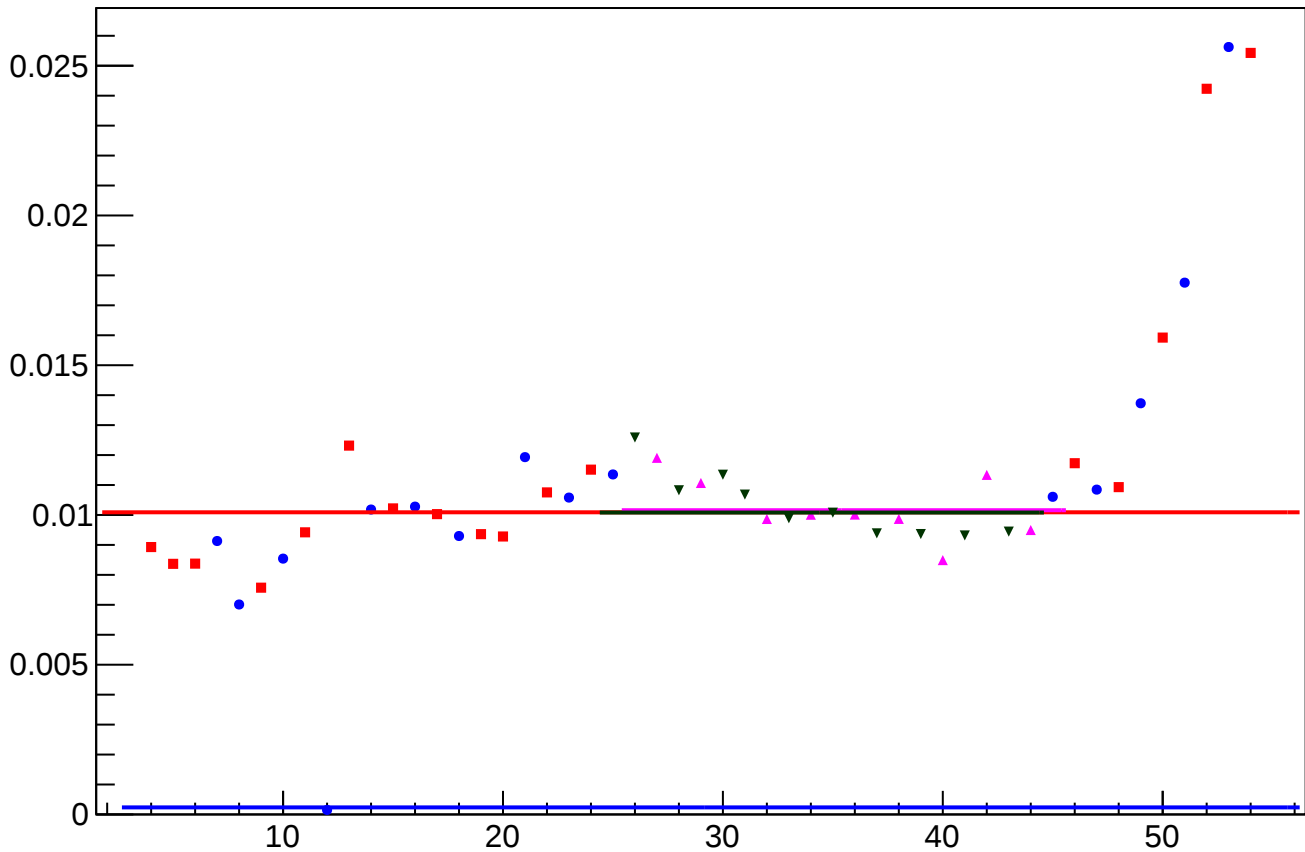
-0.126+/-0.000 χ^2/NDF : 263983909721.4/24

Right Out: 1.163+/-0.000 χ^2/NDF : 7231498967.4/16

1.216+/-0.000 χ^2/NDF : 7763166524.9/25

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 : 16125105.0/14

Left Out: 0.010+/-0.000 χ^2/NDF : 82741.5/9

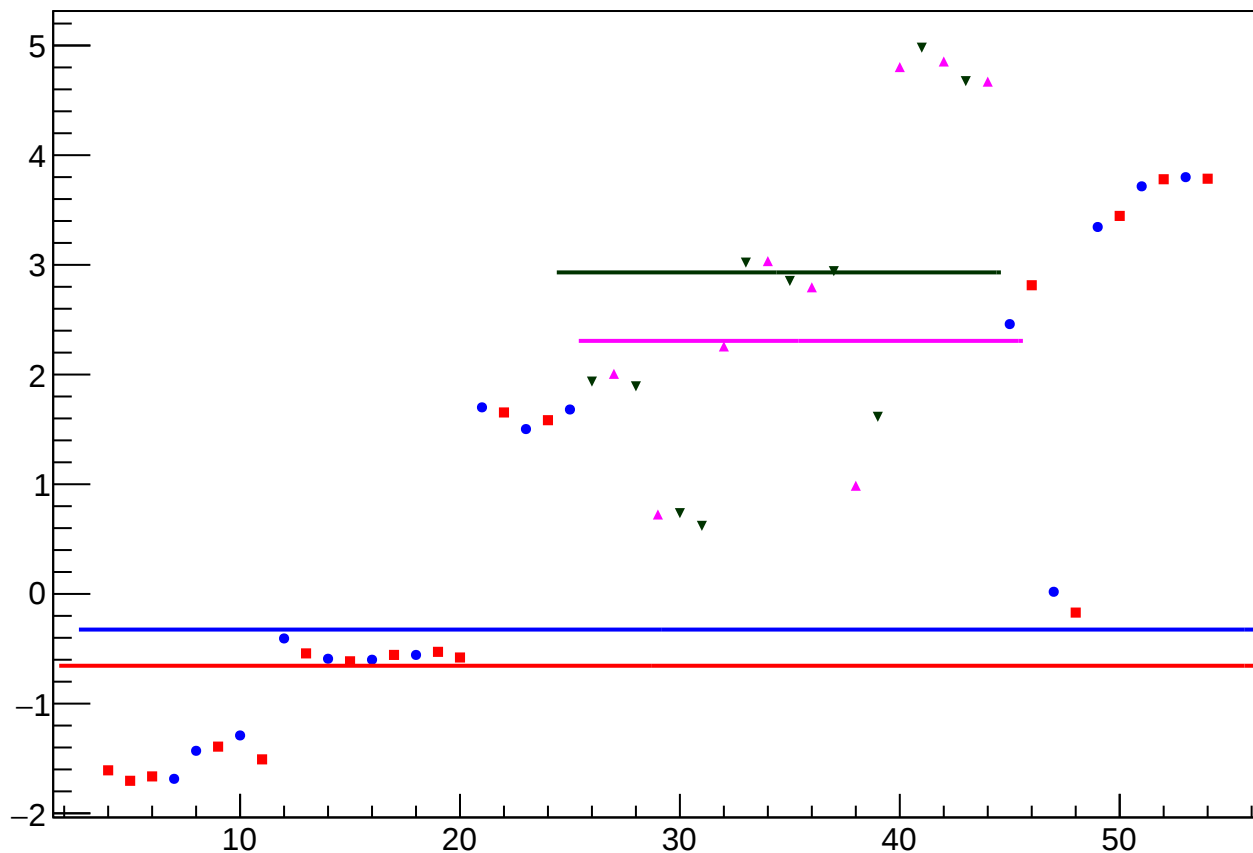
0.000+/-0.000 χ^2/NDF : 25876232.6/24

Right Out: 0.010+/-0.000 χ^2/NDF : 1144791.0/16

0.010+/-0.000 χ^2/NDF : 1246053.9/25

Left In: 0.010+/-0.000 χ^2/NDF : 100961.6/8

yield_bpm1X_mean vs slug



Right In: -0.325 ± 0.000 χ^2/NDF : 10045156328.6/14

Left Out: 2.931 ± 0.000 χ^2/NDF : 696767729.4/9

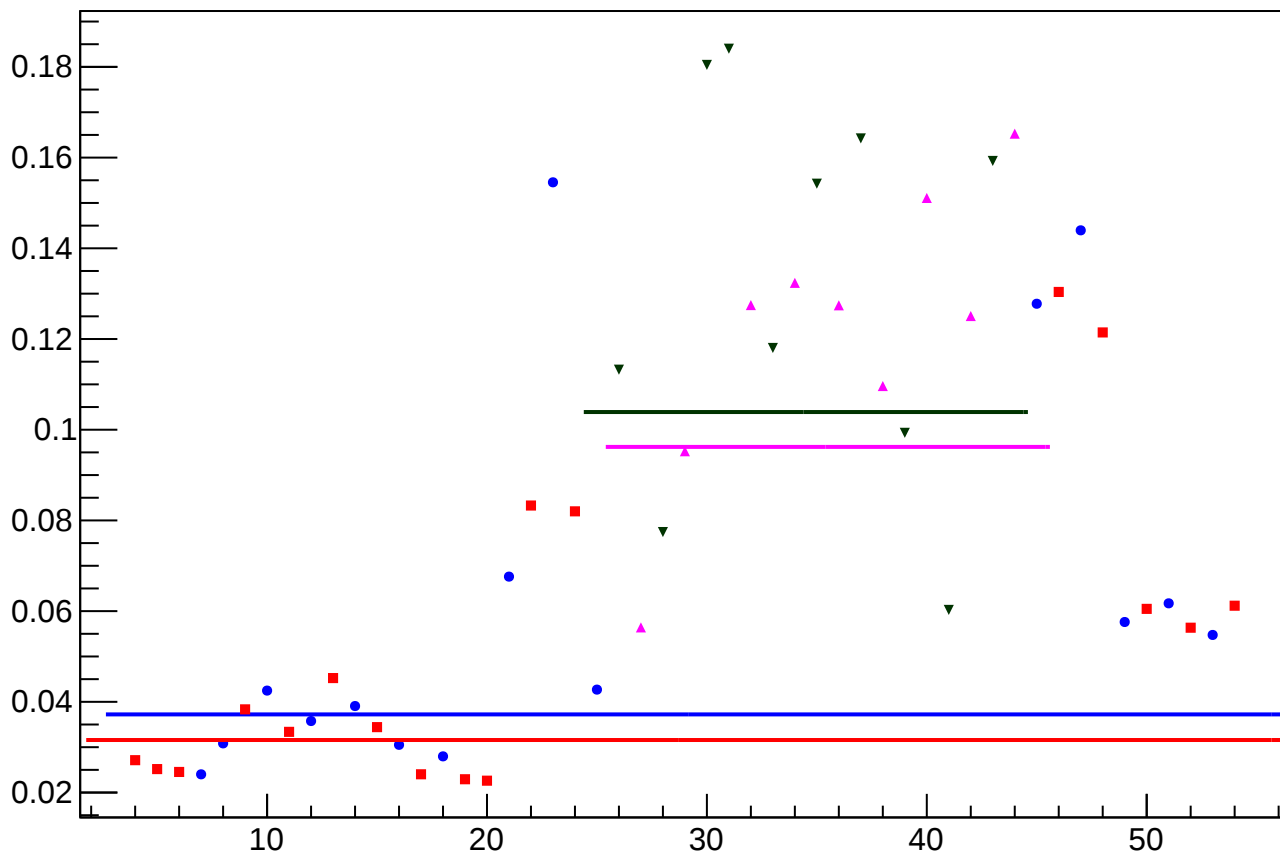
Right Out: -0.655 ± 0.000 χ^2/NDF : 10394432325.6/16

Left In: 2.307 ± 0.000 χ^2/NDF : 637059338.1/8

-0.097 ± 0.000 χ^2/NDF : 13965853200.6/24

-0.458 ± 0.000 χ^2/NDF : 14435621350.6/25

yield_bpm1X_rms vs slug



Right In: 0.037+/-0.000 χ^2/NDF : 2521042.3/14

Left Out: 0.104+/-0.000 χ^2/NDF :1068598.5/9

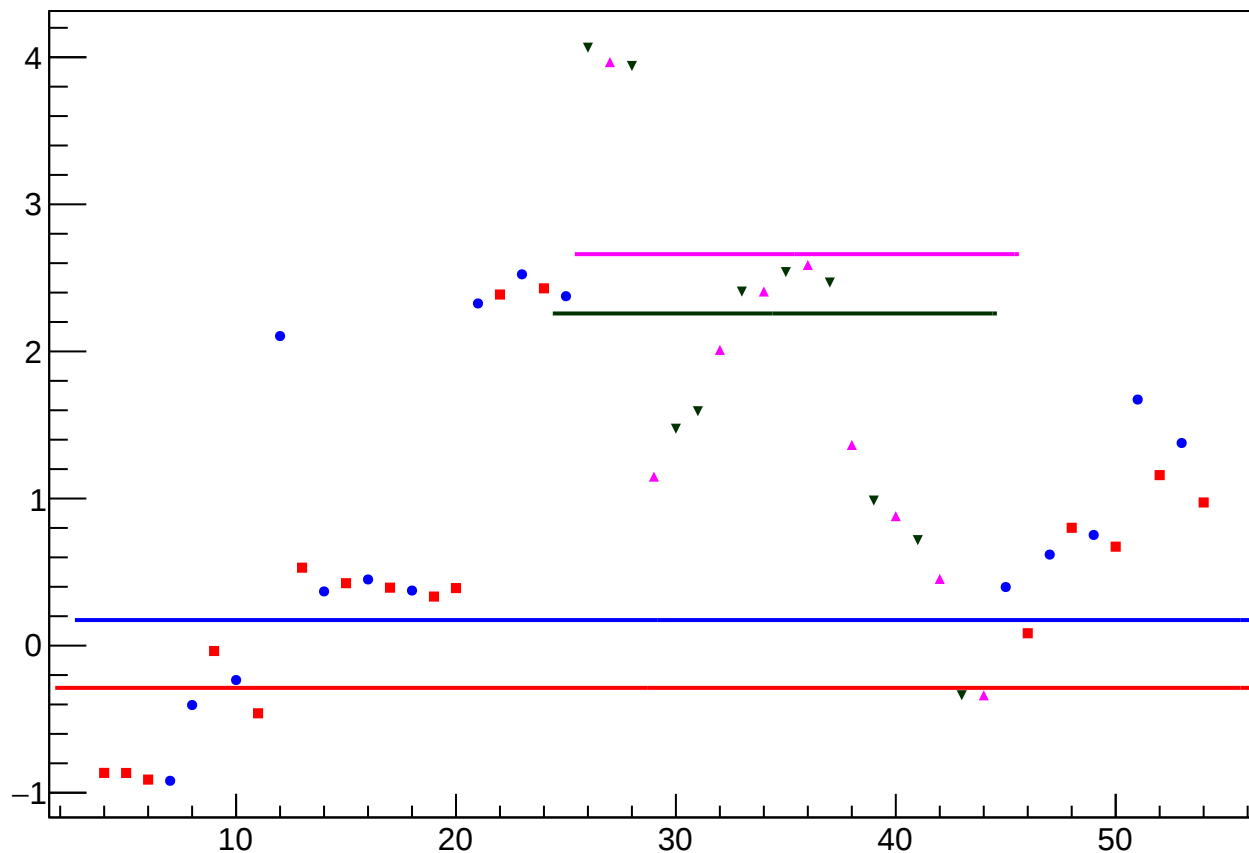
Right Out: 0.032+/-0.000 χ^2/NDF : 2500421.4/16

Left In: 0.096+/-0.000 χ^2/NDF :1062303.0/8

0.042+/-0.000 χ^2/NDF : 6292640.8/24

0.036+/-0.000 χ^2/NDF : 6804408.9/25

yield_bpm1Y_mean vs slug



Right In: 0.174 ± 0.000 χ^2/NDF : 8938198395.8/14

Left Out: 2.258 ± 0.000 χ^2/NDF : 1464188140.1/9

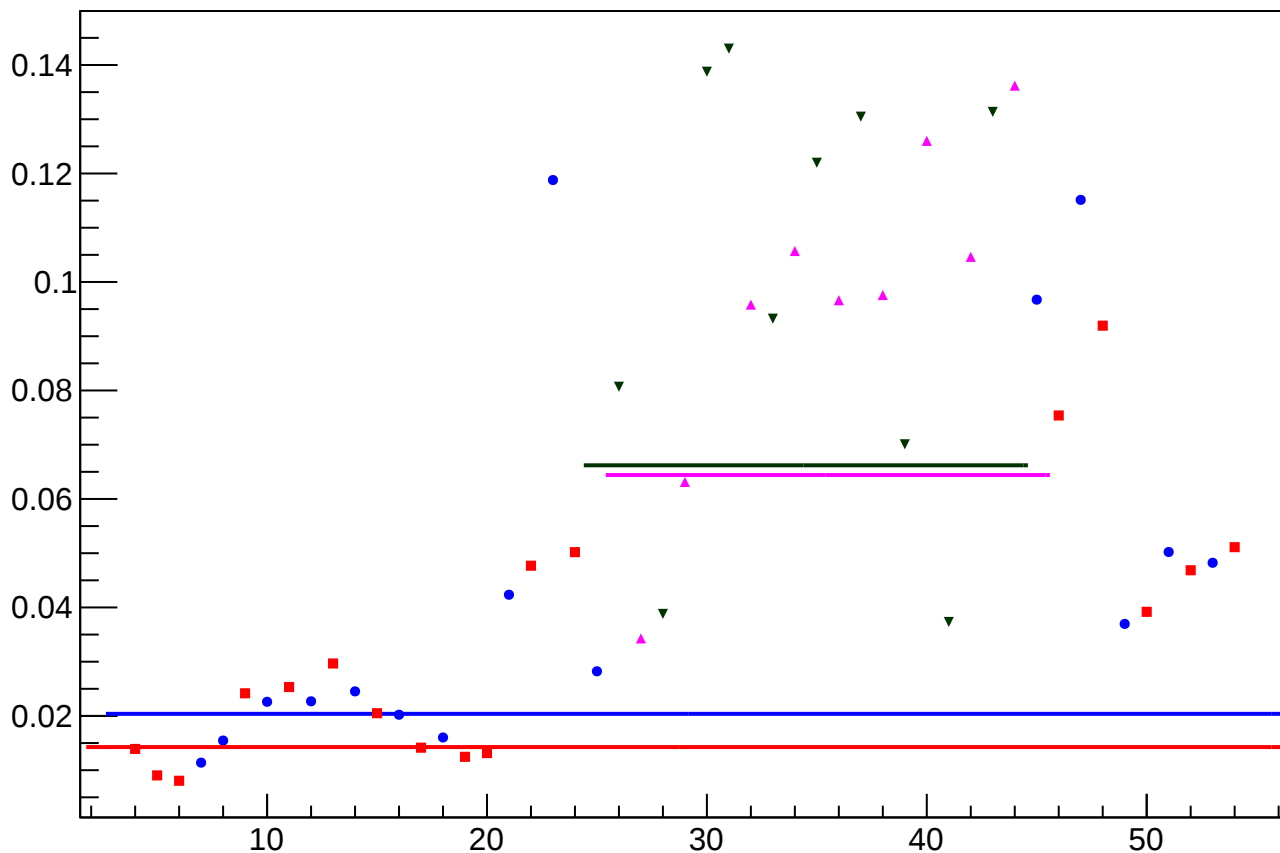
Right Out: -0.287 ± 0.000 χ^2/NDF : 10327567184.6/16

Left In: 2.661 ± 0.000 χ^2/NDF : 1577506308.7/8

0.286 ± 0.000 χ^2/NDF : 13157017521.2/24

-0.180 ± 0.000 χ^2/NDF : 18707332579.7/25

yield_bpm1Y_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 3446175.3/14

Left Out: 0.066+/-0.000 χ^2/NDF :1777792.9/9

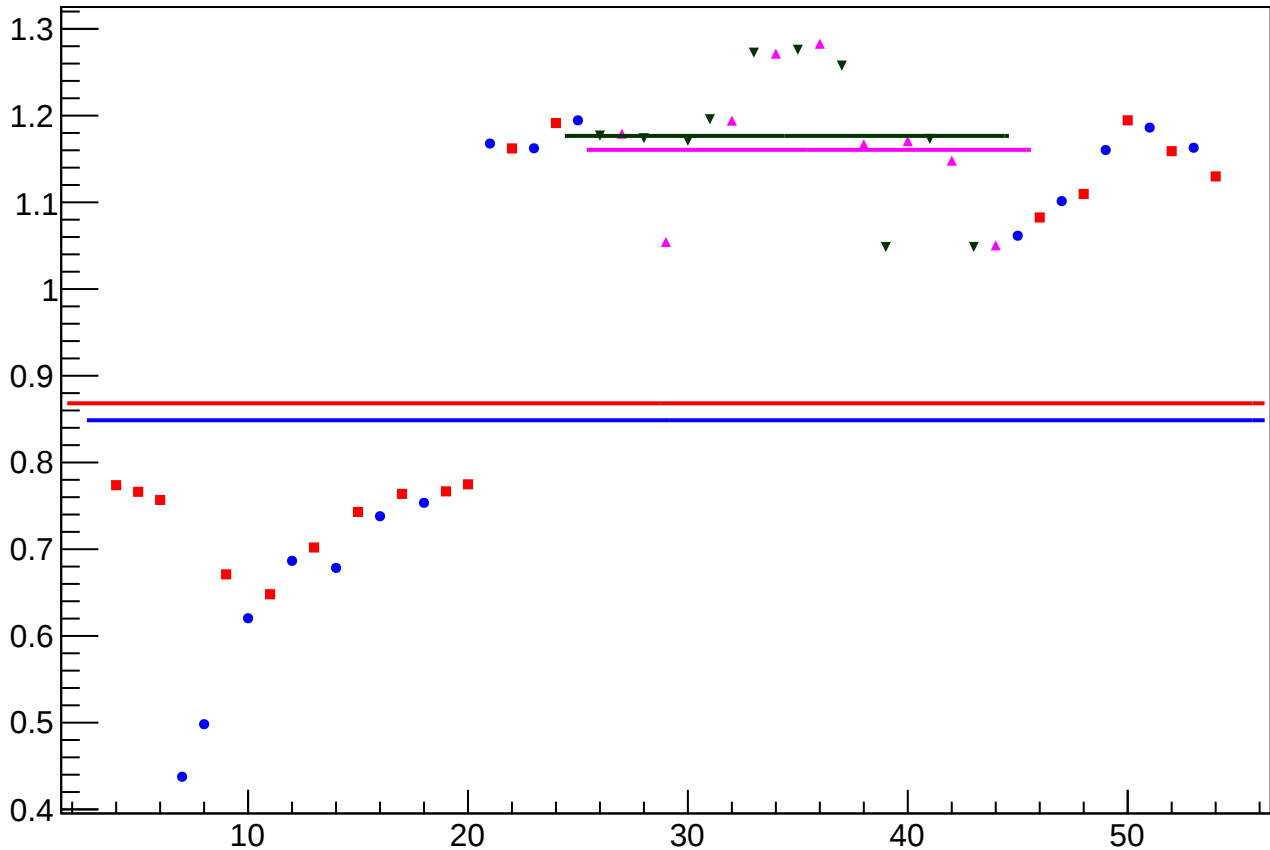
Right Out: 0.014+/-0.000 χ^2/NDF : 4081246.1/16

Left In: 0.064+/-0.000 χ^2/NDF :1800340.3/8

0.023+/-0.000 χ^2/NDF : 7885994.6/24

0.016+/-0.000 χ^2/NDF : 9817998.5/25

yield_bpm11X_mean vs slug



Right In: 0.849 $\pm$ 0.000 χ^2 /NDF: 1359880348.3/14

Left Out: 1.177 $\pm$ 0.000 χ^2 /NDF:56492661.1/9

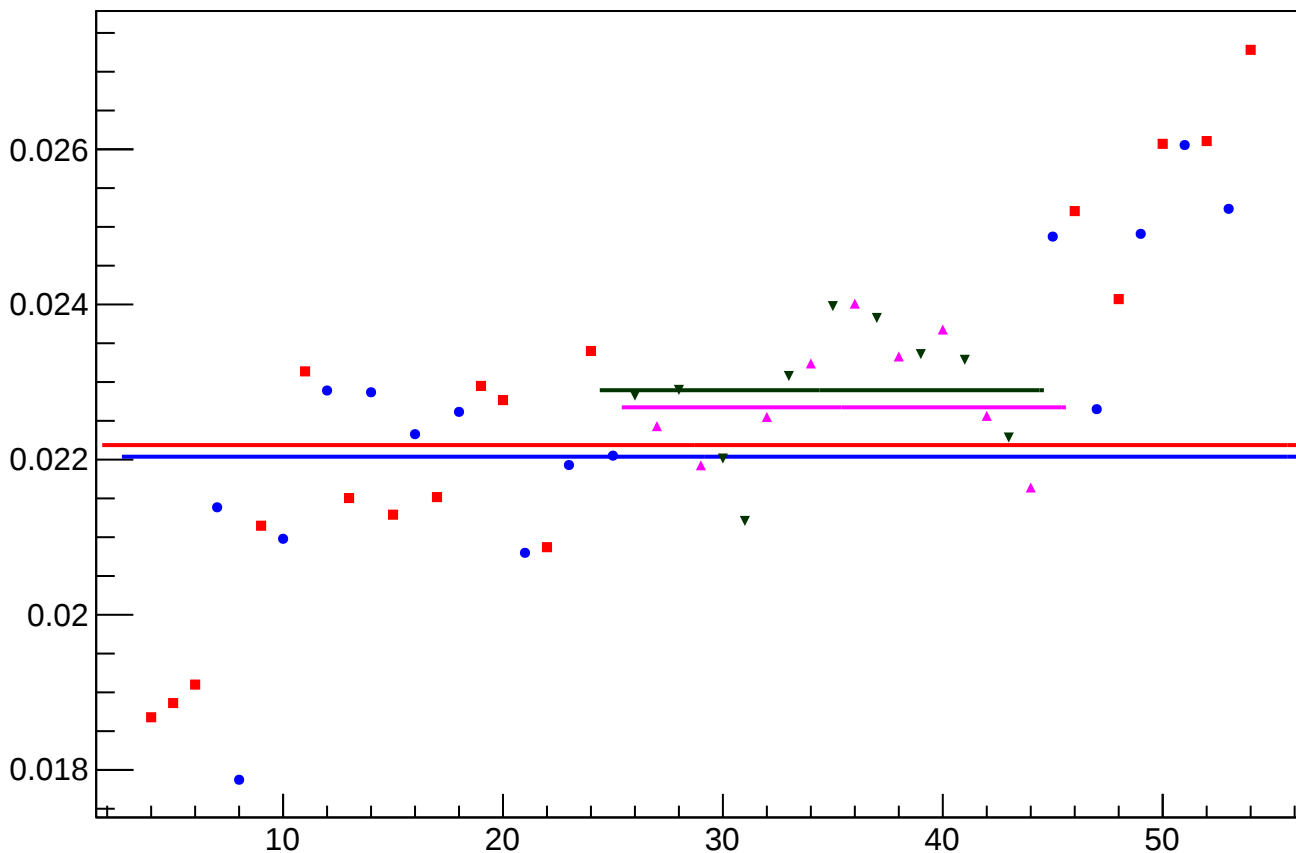
0.962 $\pm$ 0.000 χ^2 /NDF: 2107481214.3/24

Right Out: 0.868 $\pm$ 0.000 χ^2 /NDF: 725547709.9/16

0.979 $\pm$ 0.000 χ^2 /NDF: 1344580244.1/25

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF:58009580.0/8

yield_bpm11X_rms vs slug



Right In: 0.022 ± 0.000 $\chi^2/\text{NDF}: 186280.4/14$

Left Out: 0.023 ± 0.000 $\chi^2/\text{NDF}: 11436.5/9$

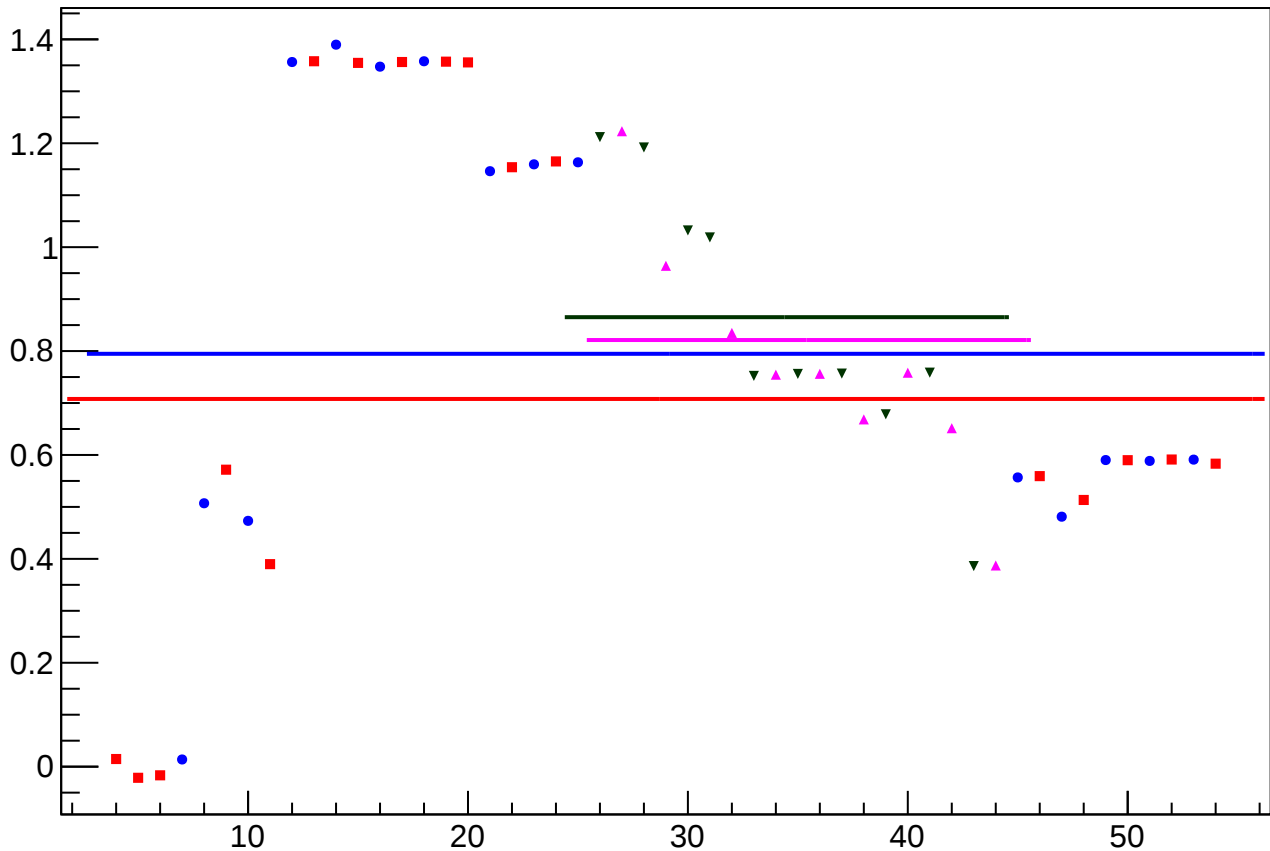
Right Out: 0.022 ± 0.000 $\chi^2/\text{NDF}: 178557.1/16$

Left In: 0.023 ± 0.000 $\chi^2/\text{NDF}: 10426.9/8$

0.022 ± 0.000 $\chi^2/\text{NDF}: 207159.4/24$

0.022 ± 0.000 $\chi^2/\text{NDF}: 192099.3/25$

yield_bpm11Y_mean vs slug



Right In: 0.795 $\pm$ 0.000 χ^2/NDF : 114315069541.0/14

Left Out: 0.865 $\pm$ 0.000 χ^2/NDF : 19769026573.0/9

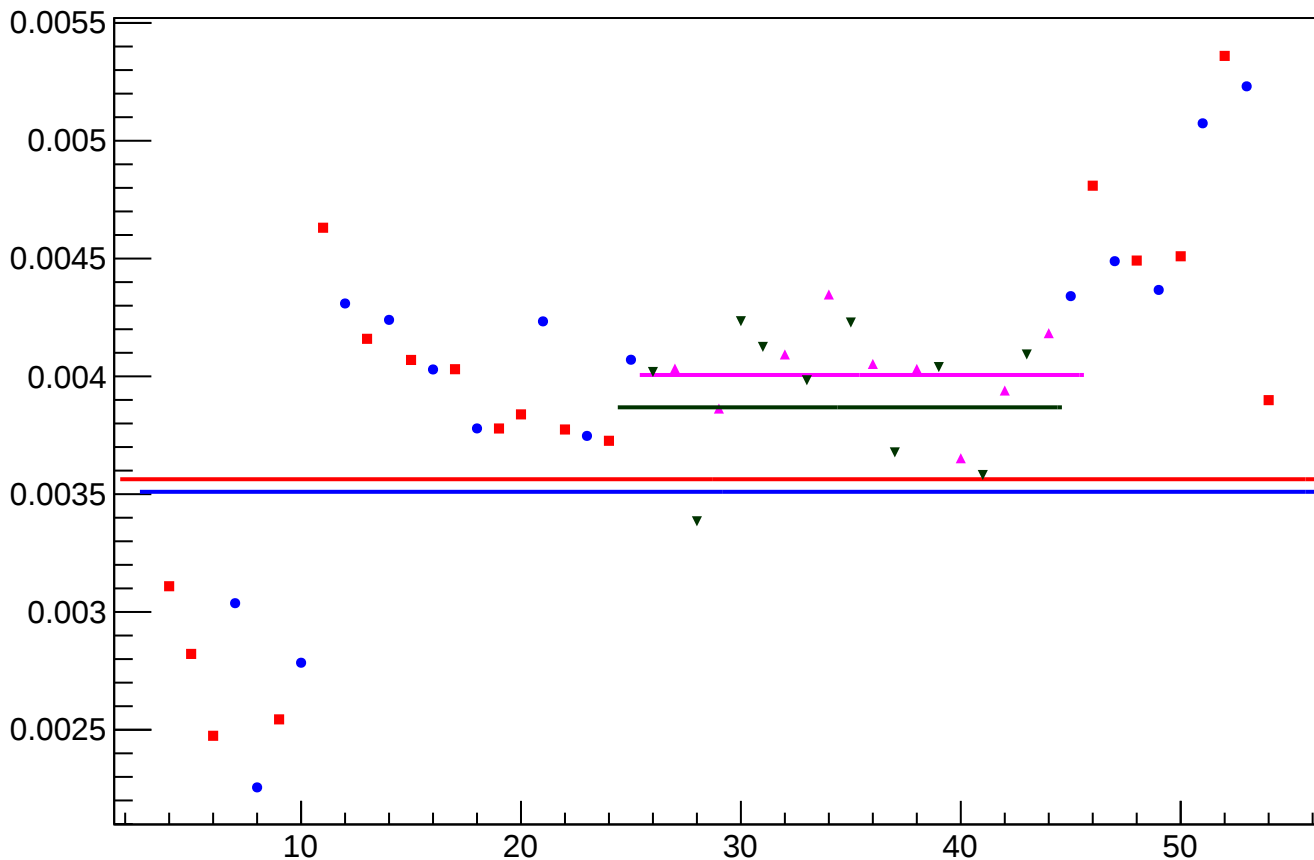
0.818 $\pm$ 0.000 χ^2/NDF : 135208465790.9/24

Right Out: 0.708 $\pm$ 0.000 χ^2/NDF : 166084737234.8/16

0.747 $\pm$ 0.000 χ^2/NDF : 185880349487.9/25

Left In: 0.821 $\pm$ 0.000 χ^2/NDF : 16931746791.3/8

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 1179604.5/14

Left Out: 0.004+/-0.000 χ^2/NDF : 59617.0/9

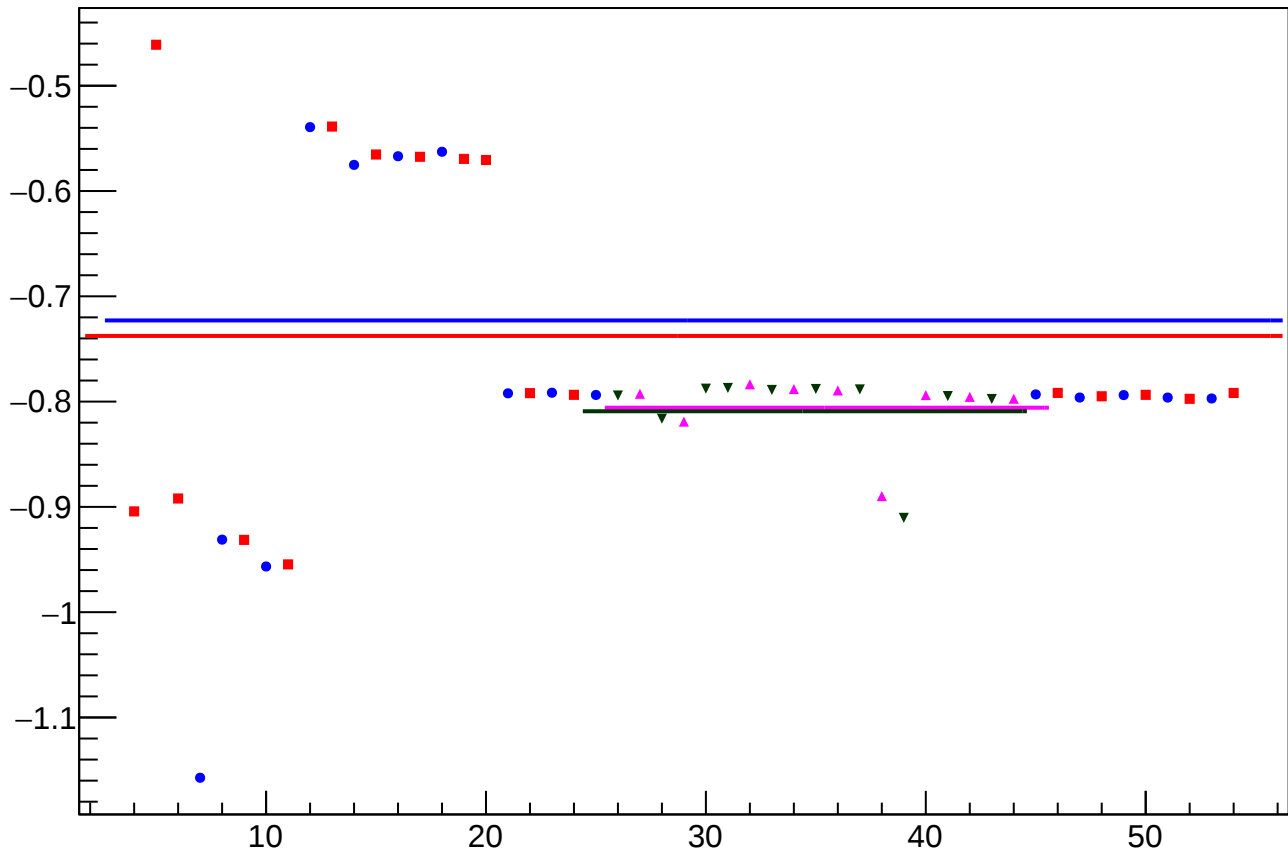
Right Out: 0.004+/-0.000 χ^2/NDF : 899455.8/16

Left In: 0.004+/-0.000 χ^2/NDF : 20484.3/8

0.004+/-0.000 χ^2/NDF : 1297368.6/24

0.004+/-0.000 χ^2/NDF : 1007095.4/25

yield_bpm12X_mean vs slug



Right In: -0.723+/-0.000 χ^2/NDF : 2228735500.0/14

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

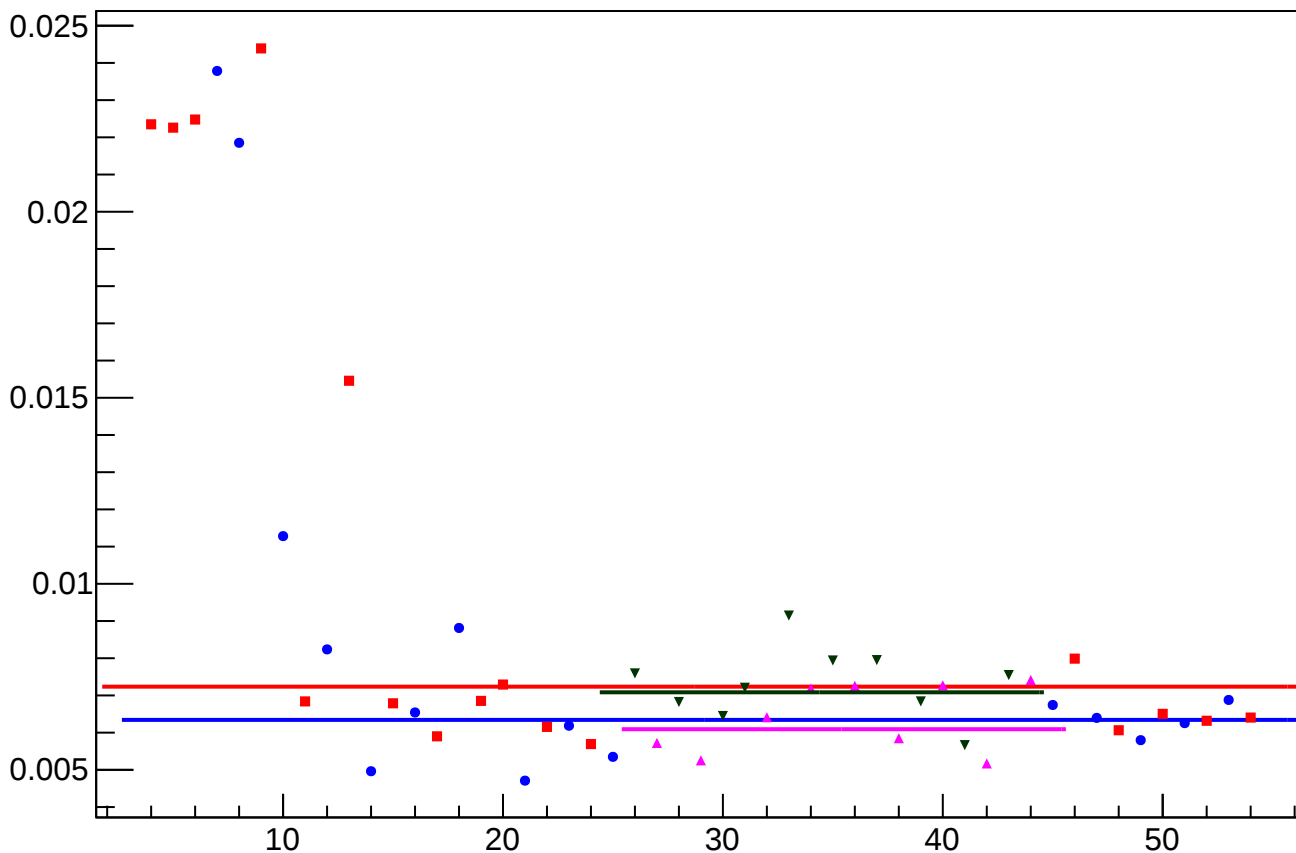
-0.752+/-0.000 χ^2/NDF : 2736324075.4/24

Right Out: -0.738+/-0.000 χ^2/NDF : 1908909228.9/16

-0.771+/-0.000 χ^2/NDF : 2259937918.1/25

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 : 1850778.2/14

Left Out: 0.007 ± 0.000 χ^2/NDF : 128168.7/9

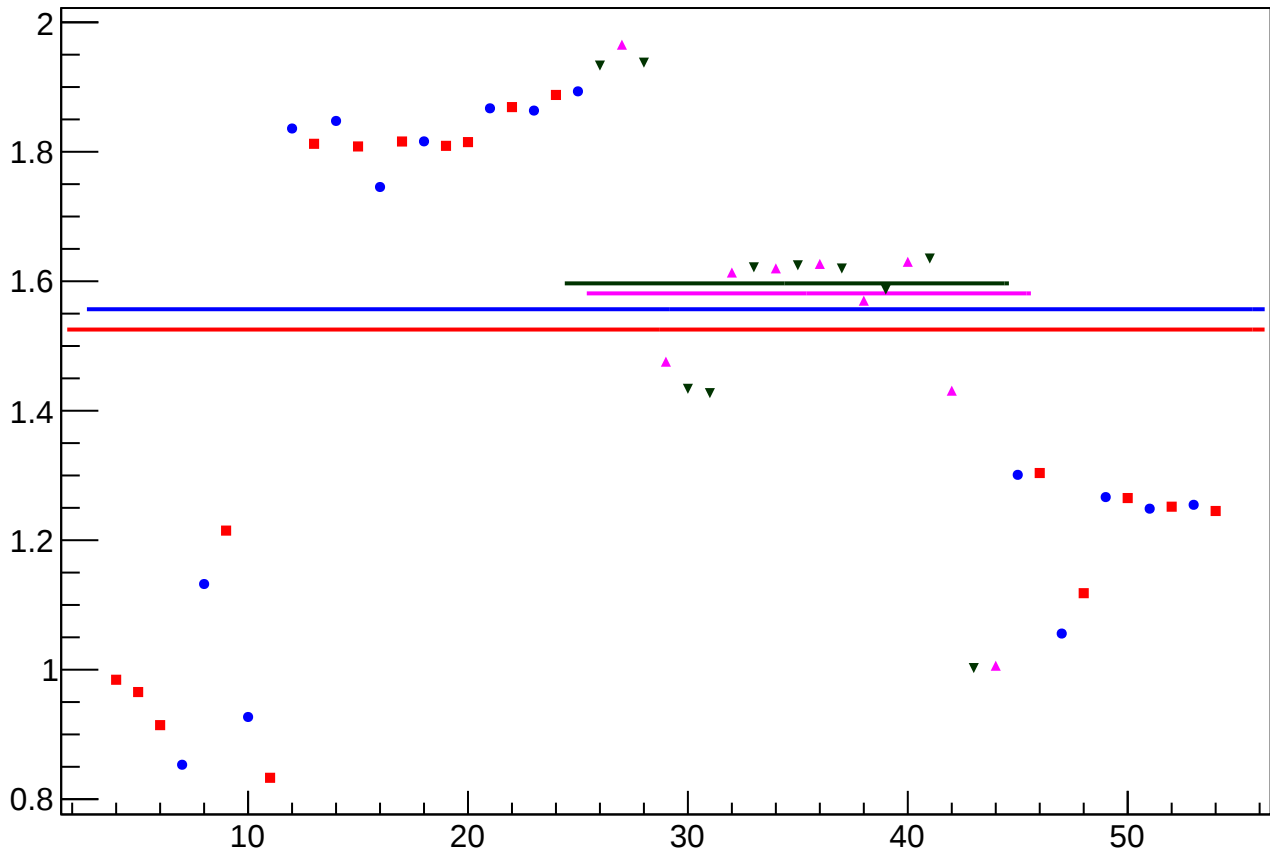
Right Out: 0.007 ± 0.000 χ^2/NDF : 2379095.3/16

Left In: 0.006 ± 0.000 χ^2/NDF : 142266.3/8

0.007 ± 0.000 χ^2/NDF : 2036331.6/24

0.007 ± 0.000 χ^2/NDF : 2665314.5/25

yield_bpm12Y_mean vs slug



Right In: 1.557+/-0.000 χ^2/NDF : 20726136337.2/14

Left Out: 1.597+/-0.000 χ^2/NDF : 6672070685.1/9

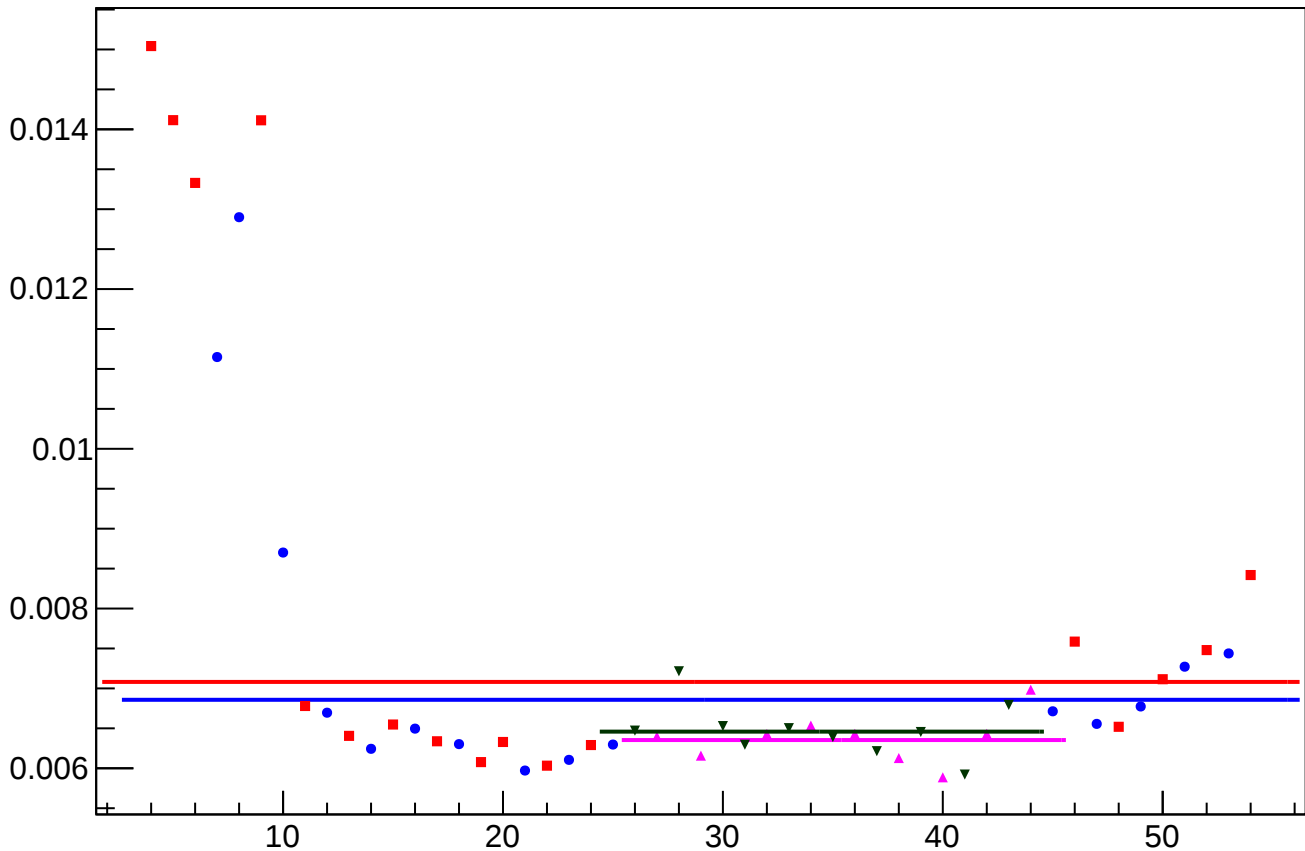
1.573+/-0.000 χ^2/NDF : 27511214886.0/24

Right Out: 1.525+/-0.000 χ^2/NDF : 21270409442.6/16

1.551+/-0.000 χ^2/NDF : 28245364045.2/25

Left In: 1.581+/-0.000 χ^2/NDF : 6756929993.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 612715.2/14

Left Out: 0.006+/-0.000 χ^2/NDF :26704.2/9

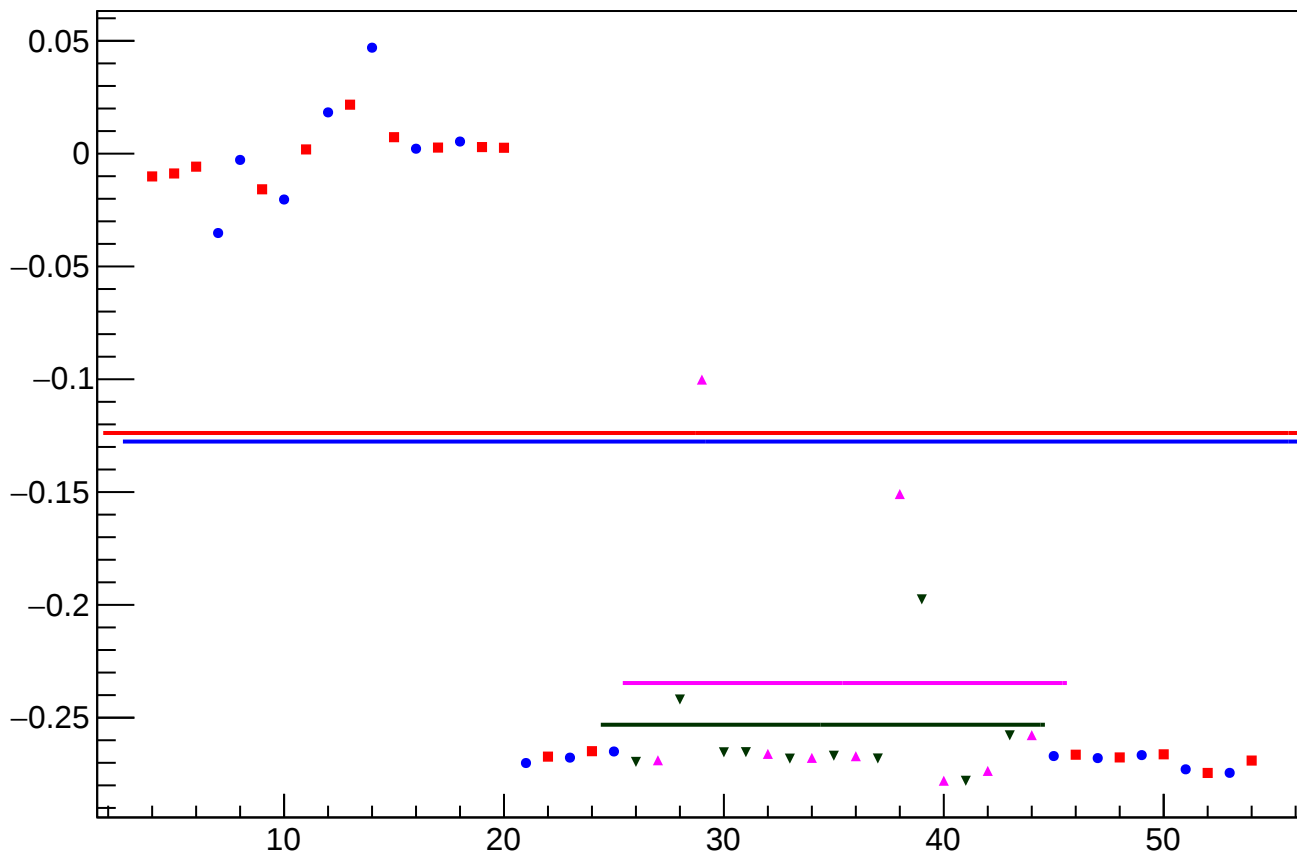
0.007+/-0.000 χ^2/NDF : 661908.9/24

Right Out: 0.007+/-0.000 χ^2/NDF : 1013602.3/16

0.007+/-0.000 χ^2/NDF : 1105318.6/25

Left In: 0.006+/-0.000 χ^2/NDF :17689.1/8

yield_bpm16X_mean vs slug



Right In: -0.128+/-0.000 χ^2/NDF : 6791963088.3/14

Left Out: -0.253+/-0.000 χ^2/NDF : 114103318.3/9

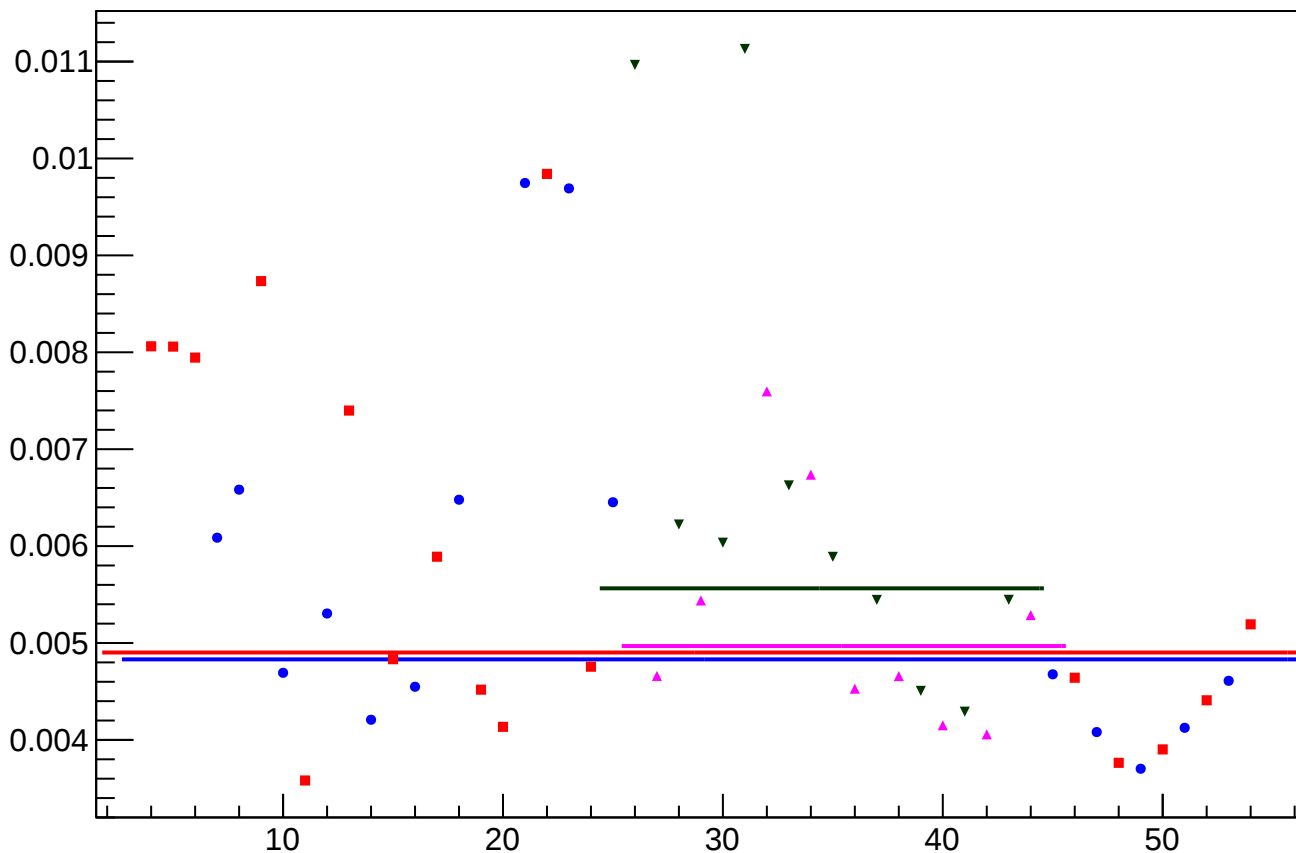
Right Out: -0.124+/-0.000 χ^2/NDF : 5651320432.5/16

Left In: -0.235+/-0.000 χ^2/NDF : 787599053.3/8

-0.165+/-0.000 χ^2/NDF : 8504013299.1/24

-0.167+/-0.000 χ^2/NDF : 7906237544.2/25

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1124317.1/14

Left Out: 0.006+/-0.000 χ^2/NDF : 608011.7/9

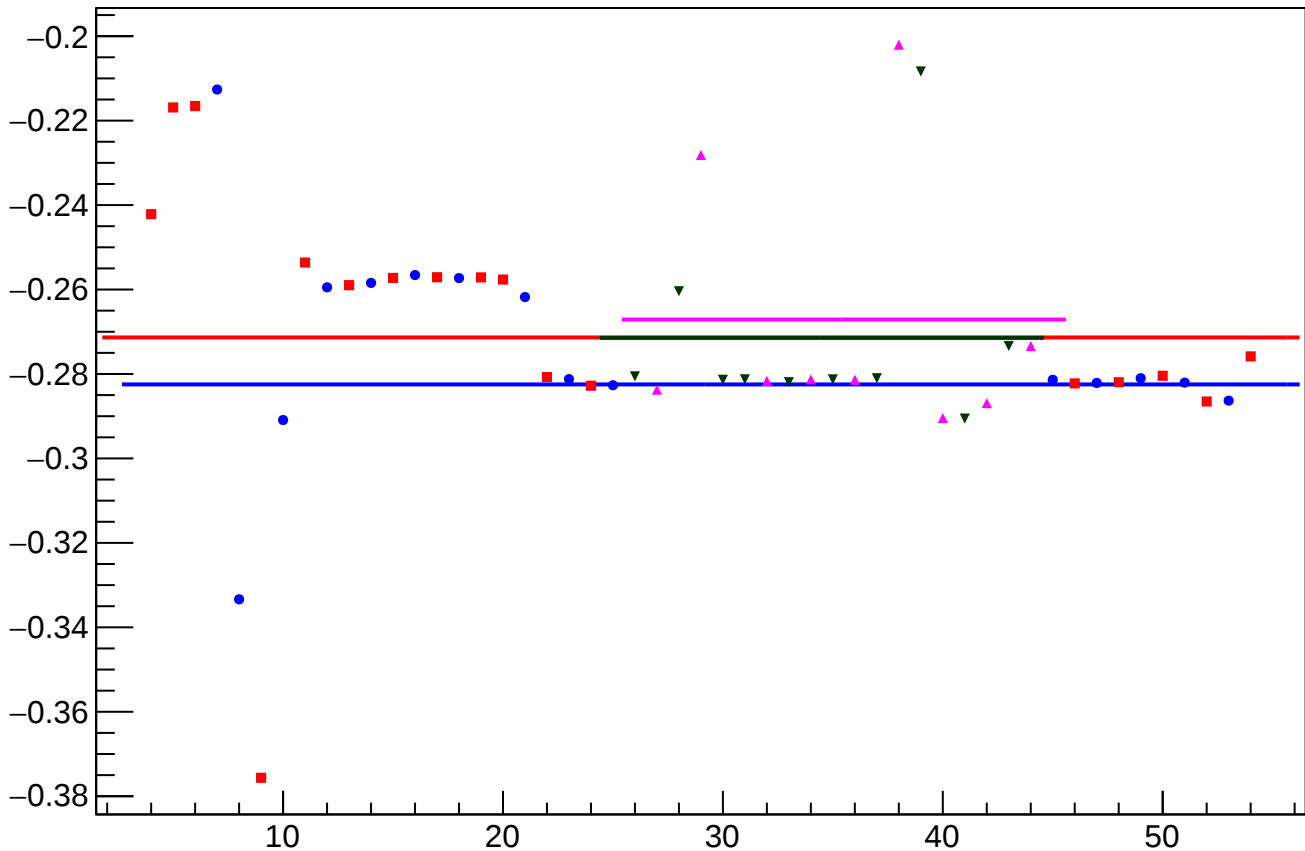
Right Out: 0.005+/-0.000 χ^2/NDF : 1419416.1/16

Left In: 0.005+/-0.000 χ^2/NDF : 366477.9/8

0.005+/-0.000 χ^2/NDF : 1841349.6/24

0.005+/-0.000 χ^2/NDF : 1786962.1/25

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 1067808297.5/14

Left Out: -0.271+/-0.000 χ^2/NDF : 349277523.0/9

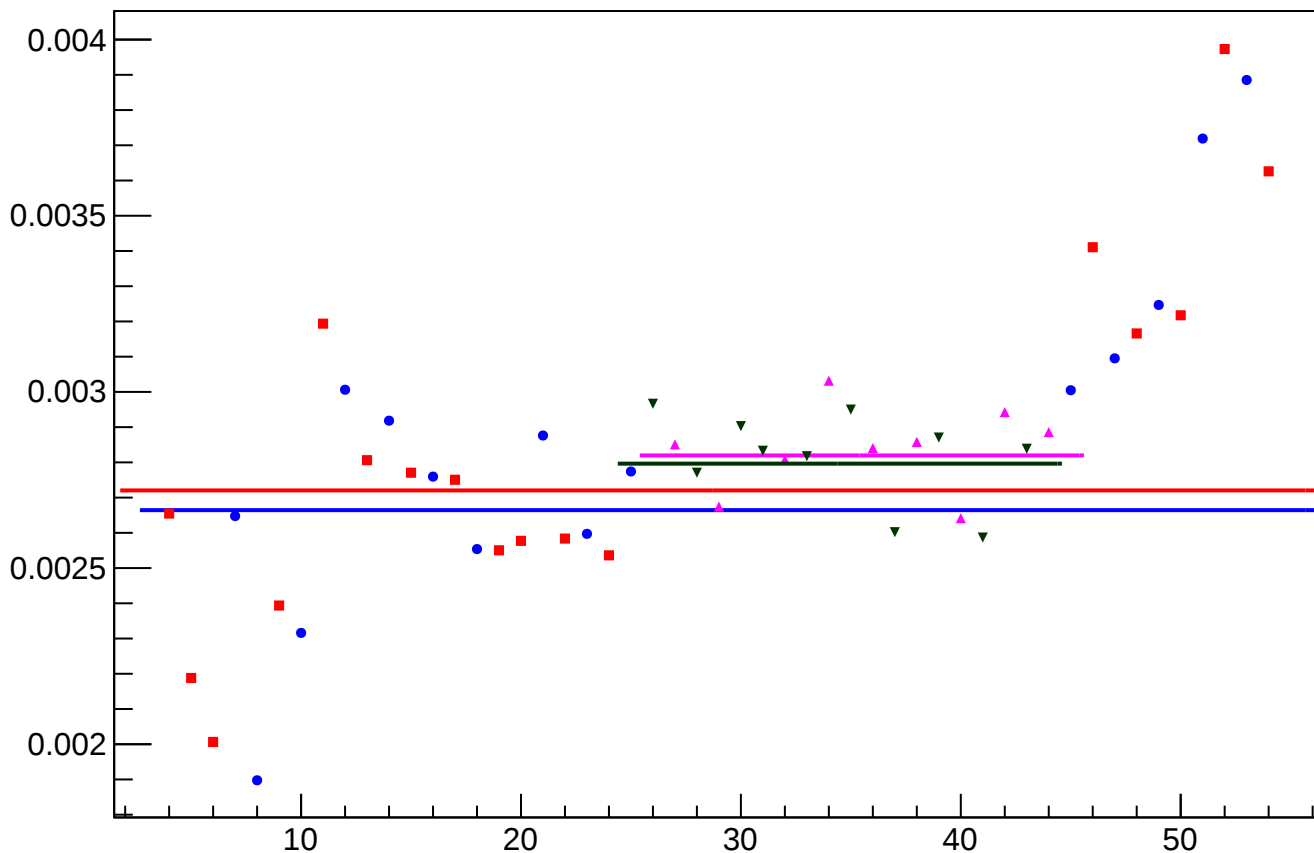
-0.279+/-0.000 χ^2/NDF : 1469299149.2/24

Right Out: -0.271+/-0.000 χ^2/NDF : 1962835913.2/16

-0.270+/-0.000 χ^2/NDF : 2524186681.9/25

Left In: -0.267+/-0.000 χ^2/NDF : 553669253.3/8

yield_bpm16Y_rms vs slug



Right In: 0.003 ± 0.000 $\chi^2/\text{NDF}: 623873.5/14$

Left Out: 0.003 ± 0.000 $\chi^2/\text{NDF}: 22003.3/9$

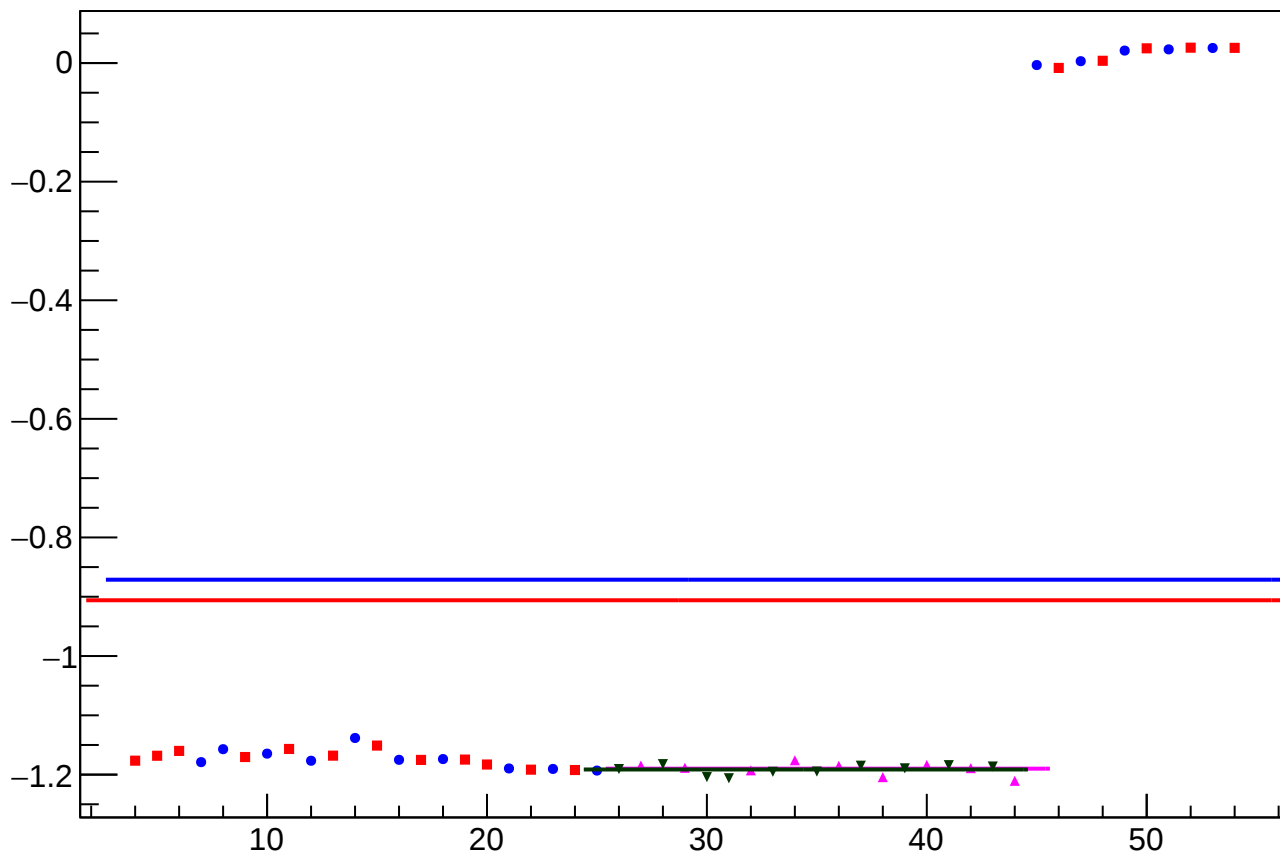
Right Out: 0.003 ± 0.000 $\chi^2/\text{NDF}: 472750.6/16$

Left In: 0.003 ± 0.000 $\chi^2/\text{NDF}: 16488.2/8$

0.003 ± 0.000 $\chi^2/\text{NDF}: 660836.7/24$

0.003 ± 0.000 $\chi^2/\text{NDF}: 497660.6/25$

yield_bpm2i01X_mean vs slug



Right In: -0.871+/-0.000 χ^2/NDF : 45341655722.7/14

Left Out: -1.191+/-0.000 χ^2/NDF : 4812748.3/9

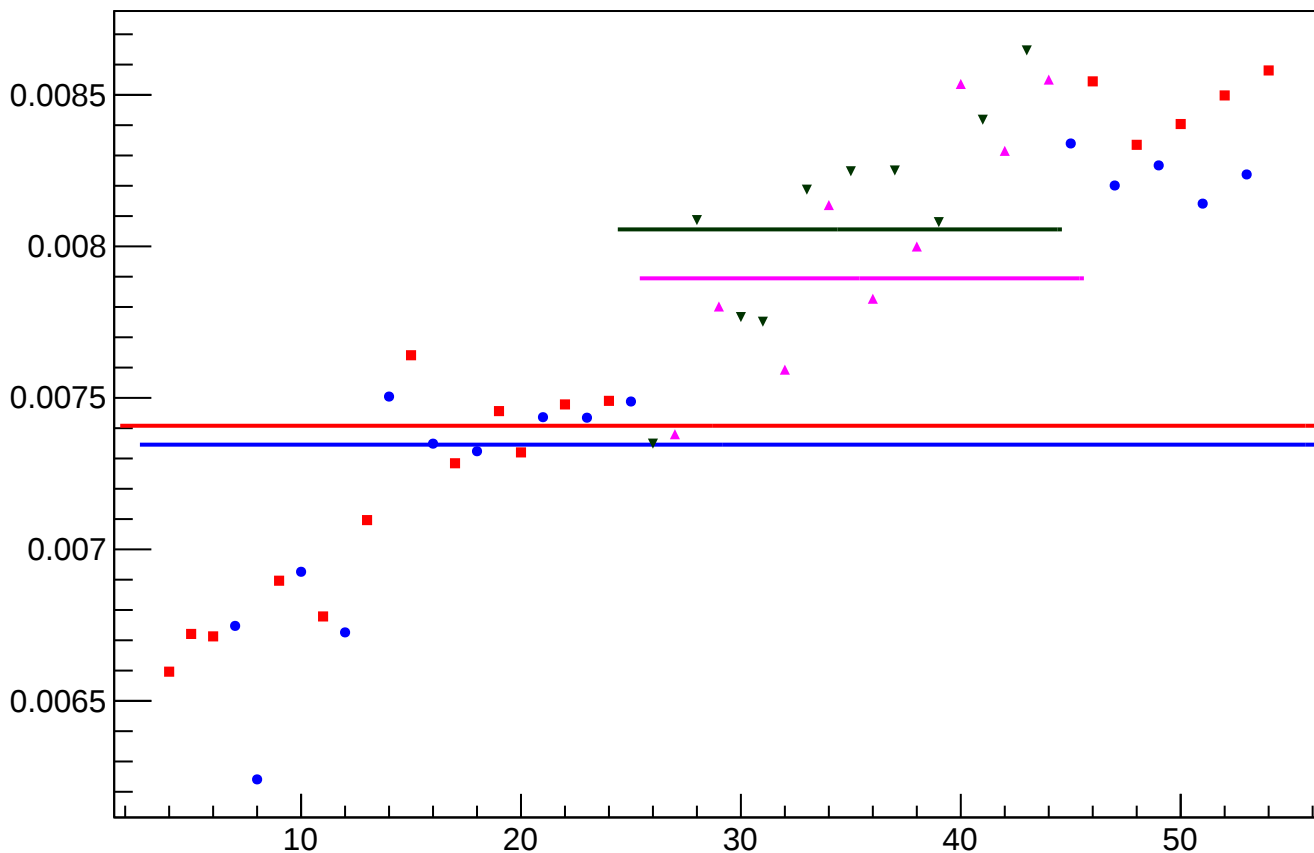
Right Out: -0.906+/-0.000 χ^2/NDF : 39447465158.3/16

Left In: -1.190+/-0.000 χ^2/NDF : 6924812.0/8

-0.974+/-0.000 χ^2/NDF : 50982320558.5/24

-1.007+/-0.000 χ^2/NDF : 44070750902.0/25

yield_bpm2i01X_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 148394.9/14

Left Out: 0.008 ± 0.000 χ^2/NDF : 19479.9/9

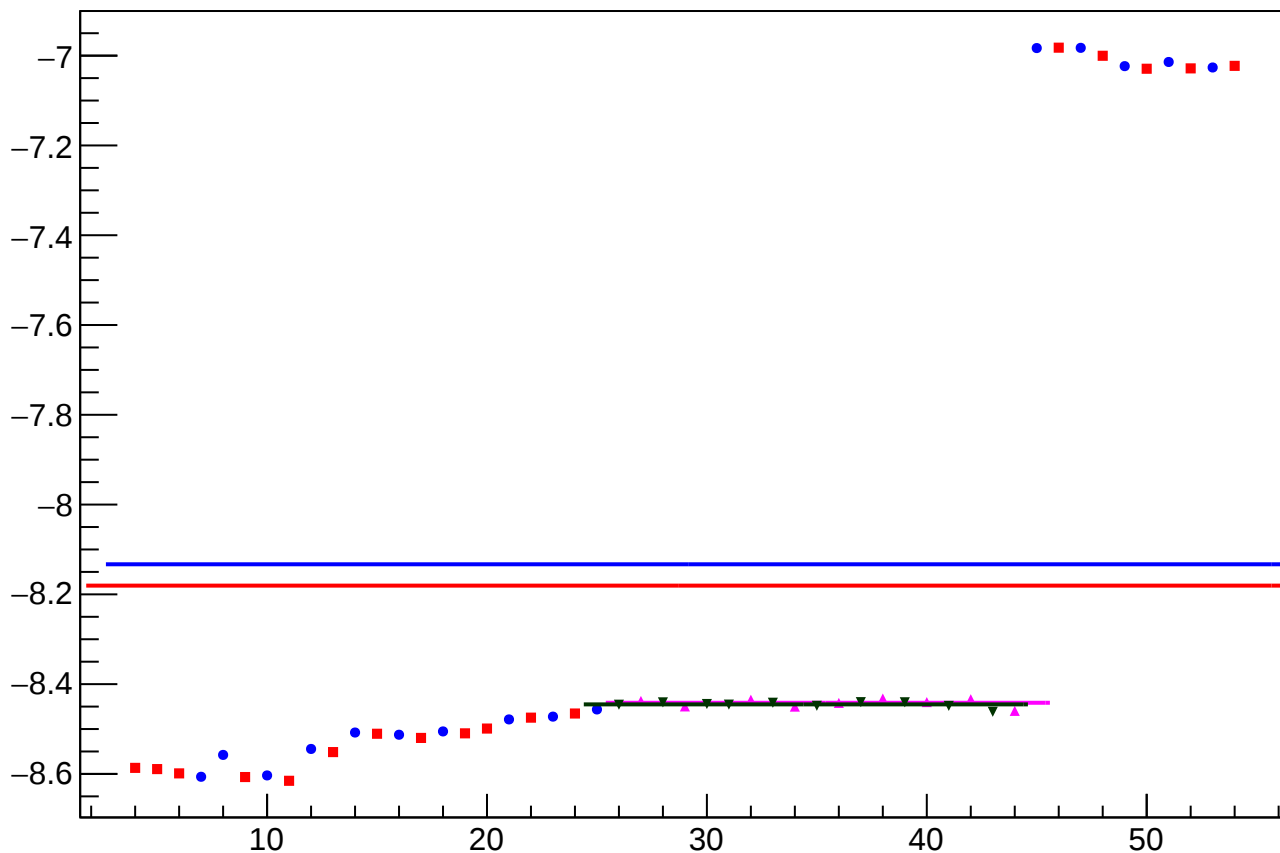
Right Out: 0.007 ± 0.000 χ^2/NDF : 133855.6/16

Left In: 0.008 ± 0.000 χ^2/NDF : 26175.0/8

0.008 ± 0.000 χ^2/NDF : 223411.4/24

0.008 ± 0.000 χ^2/NDF : 187125.6/25

yield_bpm2i01Y_mean vs slug



Right In: -8.133+/-0.000 χ^2/NDF : 84842794026.7/14

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

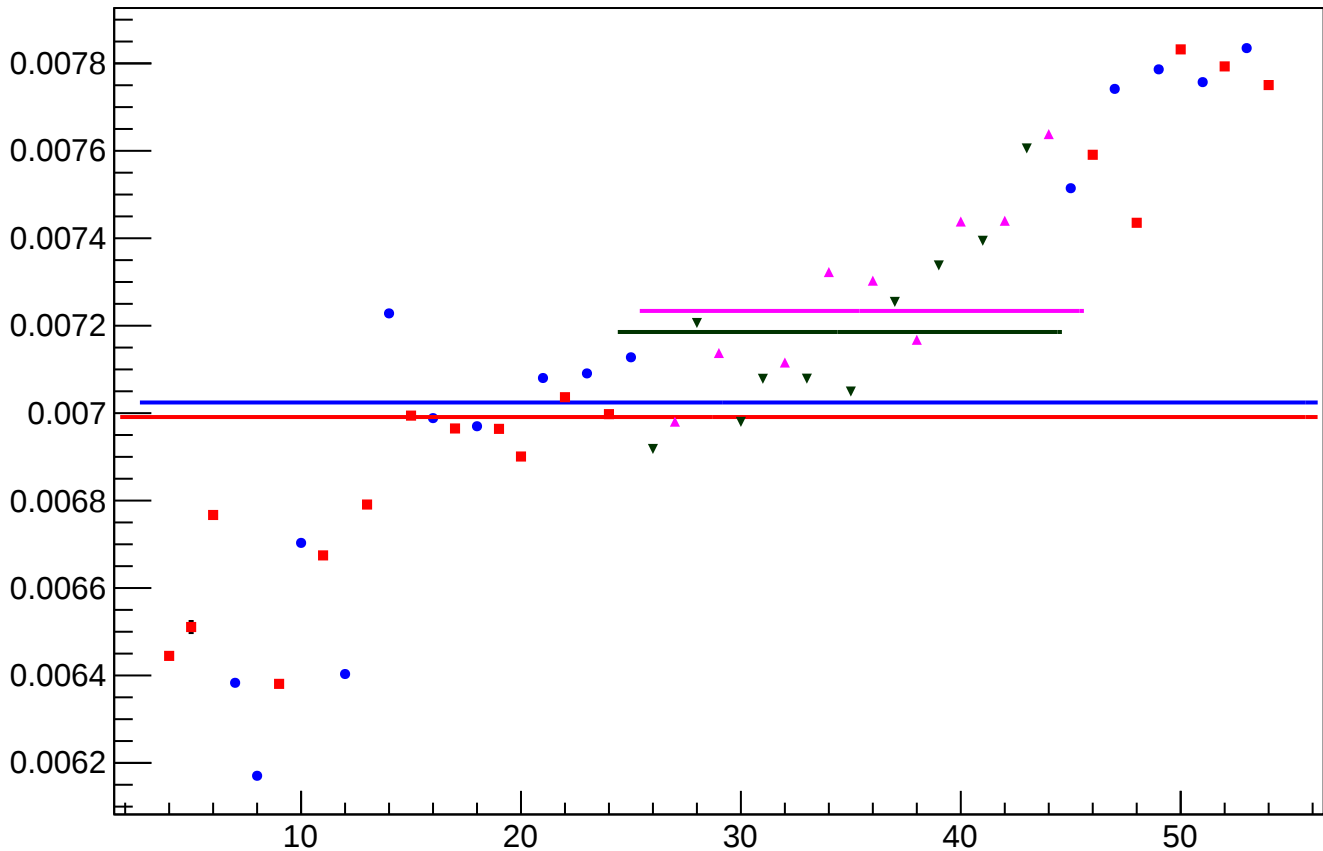
Right Out: -8.181+/-0.000 χ^2/NDF : 78986277219.9/16

Left In: -8.441+/-0.000 χ^2/NDF : 7266938.1/8

-8.244+/-0.000 χ^2/NDF : 91373520138.6/24

-8.277+/-0.000 χ^2/NDF : 83608723295.0/25

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 106176.3/14

Left Out: 0.007+/-0.000 χ^2/NDF : 7631.6/9

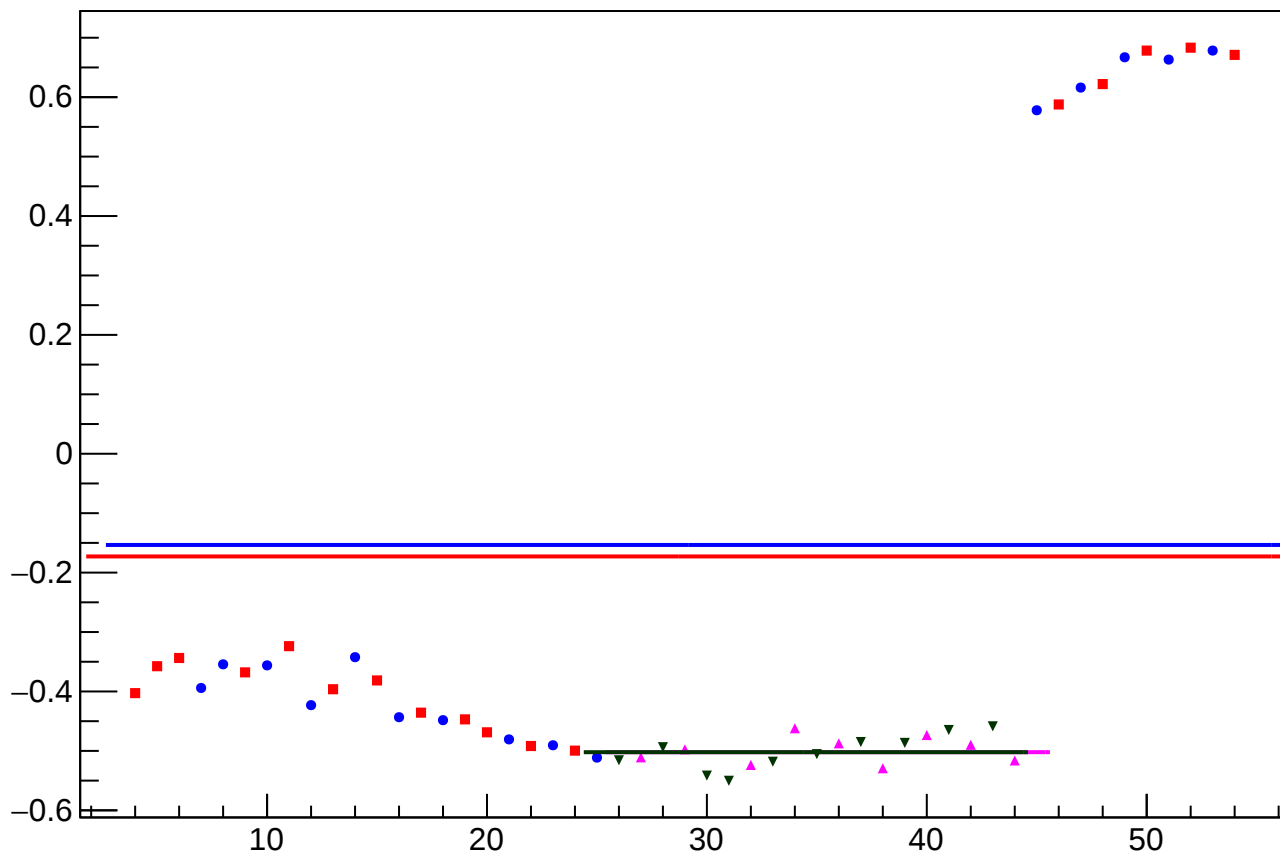
Right Out: 0.007+/-0.000 χ^2/NDF : 70843.9/16

Left In: 0.007+/-0.000 χ^2/NDF : 7802.2/8

0.007+/-0.000 χ^2/NDF : 117293.8/24

0.007+/-0.000 χ^2/NDF : 86629.2/25

yield_bpm2i02X_mean vs slug



Right In: -0.153+/-0.000 χ^2/NDF : 5496509090.4/14

Left Out: -0.502+/-0.000 χ^2/NDF : 9337230.3/9

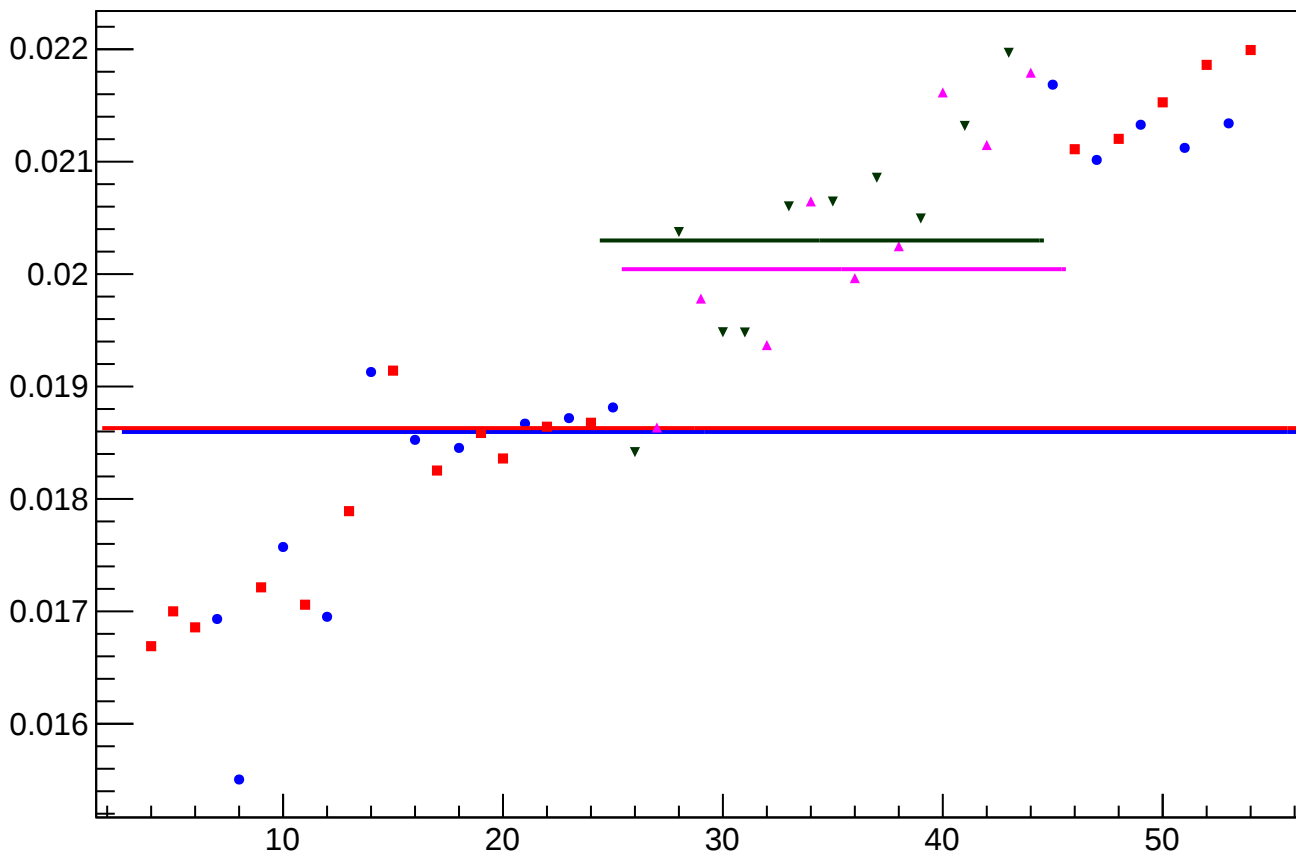
Right Out: -0.173+/-0.000 χ^2/NDF : 4900770338.7/16

Left In: -0.502+/-0.000 χ^2/NDF : 5607835.8/8

-0.266+/-0.000 χ^2/NDF : 6557720487.1/24

-0.288+/-0.000 χ^2/NDF : 5877469787.4/25

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 192051.8/14

Left Out: 0.020+/-0.000 χ^2/NDF : 22702.3/9

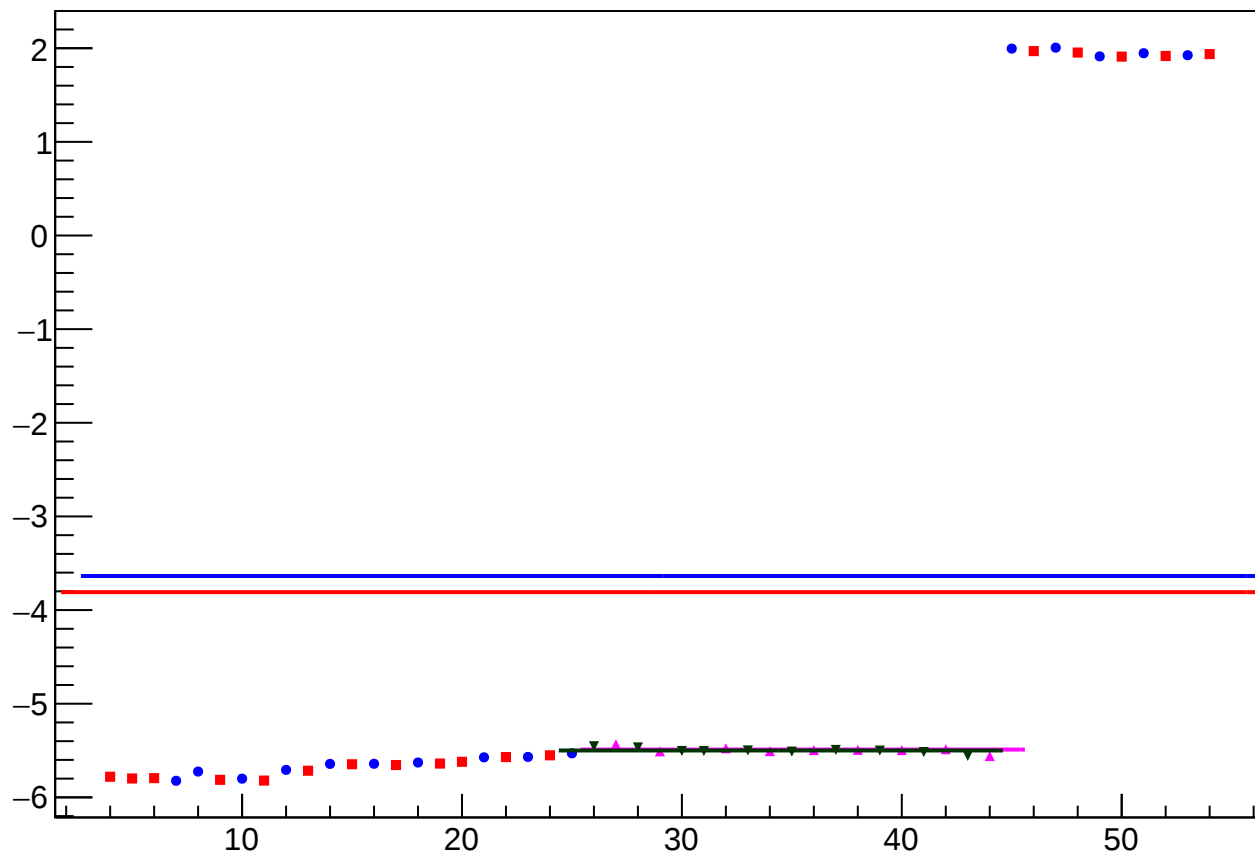
Right Out: 0.019+/-0.000 χ^2/NDF : 147501.1/16

Left In: 0.020+/-0.000 χ^2/NDF : 27295.1/8

0.019+/-0.000 χ^2/NDF : 264945.5/24

0.019+/-0.000 χ^2/NDF : 210578.7/25

yield_bpm2i02Y_mean vs slug



Right In: -3.636+/-0.000 χ^2/NDF : 712794872674.9/14

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

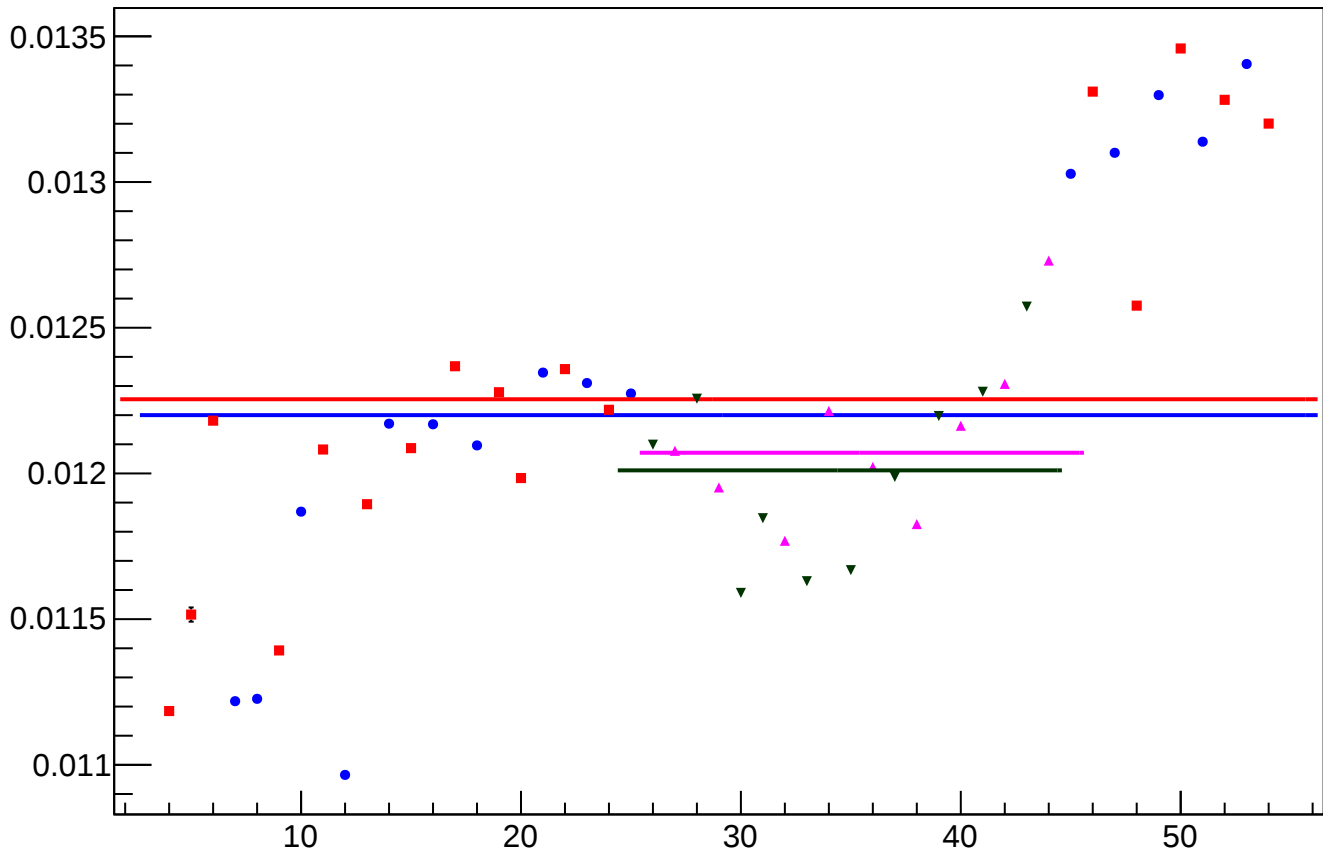
Right Out: -3.809+/-0.000 χ^2/NDF : 644859159247.1/16

Left In: -5.490+/-0.000 χ^2/NDF : 37957034.6/8

-4.330+/-0.000 χ^2/NDF : 793698290709.0/24

-4.473+/-0.000 χ^2/NDF : 710913000277.6/25

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 68514.6/14

Left Out: 0.012+/-0.000 χ^2/NDF : 6913.8/9

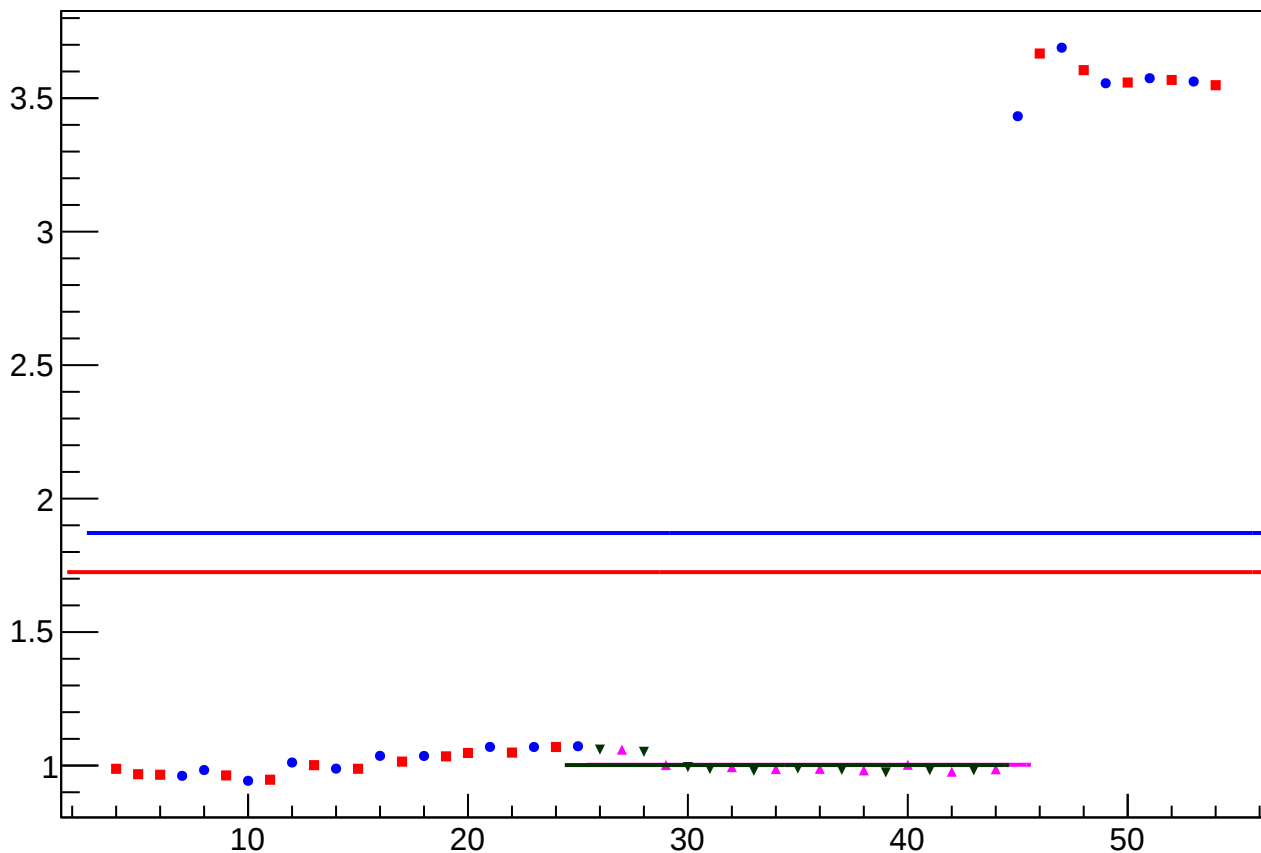
0.012+/-0.000 χ^2/NDF : 77102.8/24

Right Out: 0.012+/-0.000 χ^2/NDF : 46425.7/16

0.012+/-0.000 χ^2/NDF : 53131.1/25

Left In: 0.012+/-0.000 χ^2/NDF : 5130.3/8

yield_bpm1i04X_mean vs slug



Right In: 1.871+/-0.000 χ^2/NDF : 225318668141.0/14

Left Out: 1.002+/-0.000 χ^2/NDF : 93267140.0/9

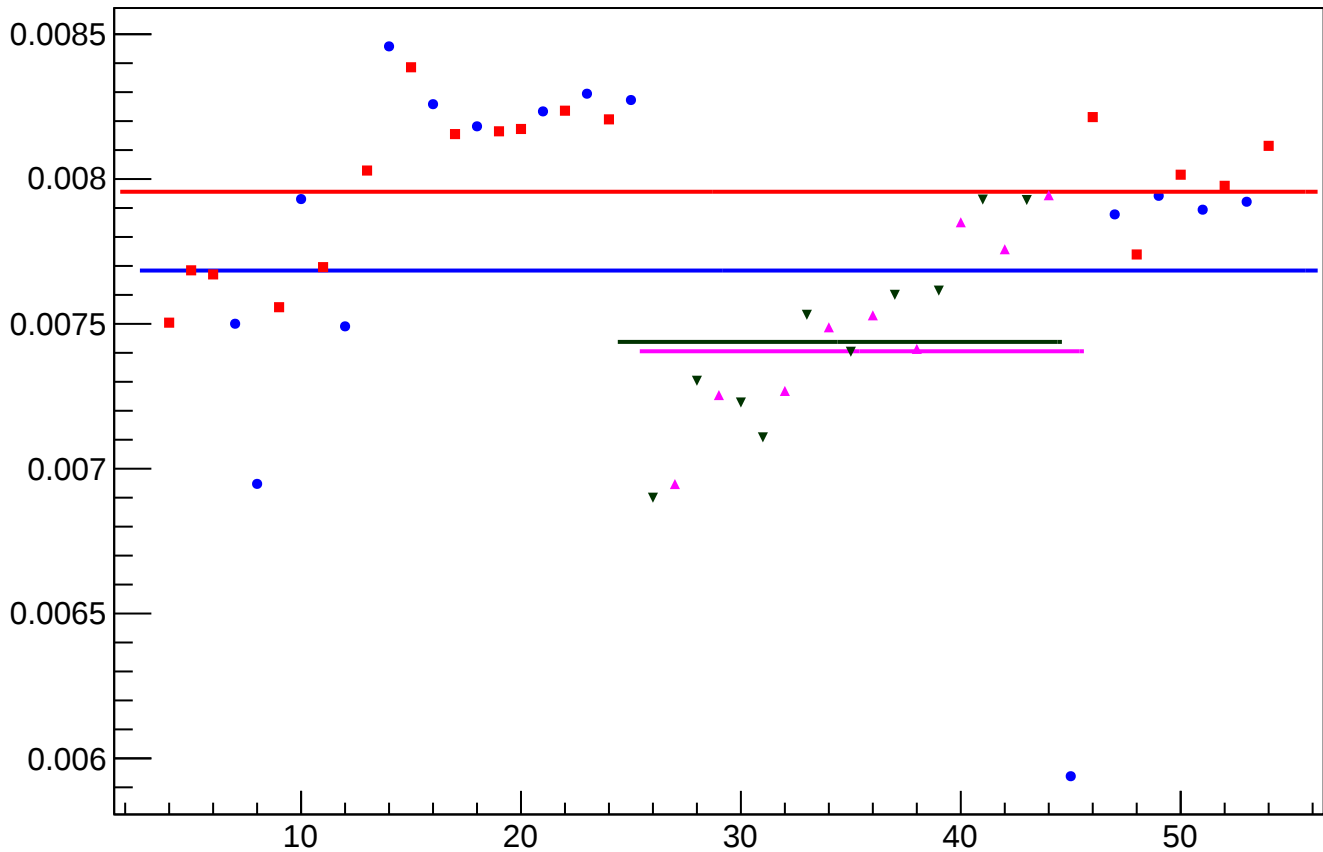
1.541+/-0.000 χ^2/NDF : 270223233425.1/24

Right Out: 1.725+/-0.000 χ^2/NDF : 189418533731.8/16

1.422+/-0.000 χ^2/NDF : 220077107725.0/25

Left In: 1.003+/-0.000 χ^2/NDF : 73816796.1/8

yield_bpm1i04X_rms vs slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 171855.5/14

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:18100.0/9

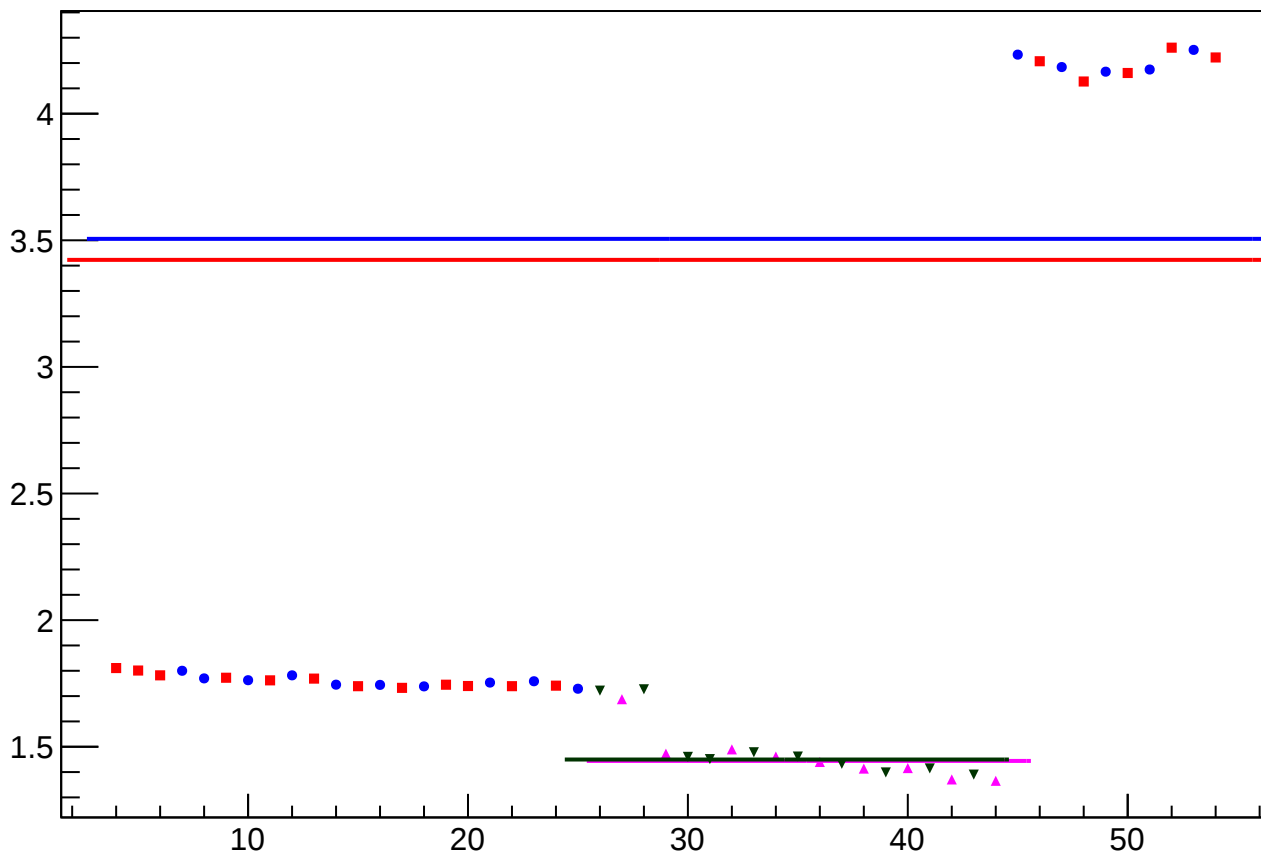
Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 19629.2/16

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:18945.2/8

0.008 $\pm$ 0.000 χ^2 /NDF: 197151.1/24

0.008 $\pm$ 0.000 χ^2 /NDF: 74209.5/25

yield_bpm1i04Y_mean vs slug



Right In: 3.506+/-0.000 χ^2/NDF : 441618199572.4/14

Left Out: 1.450+/-0.000 χ^2/NDF : 719591225.9/9

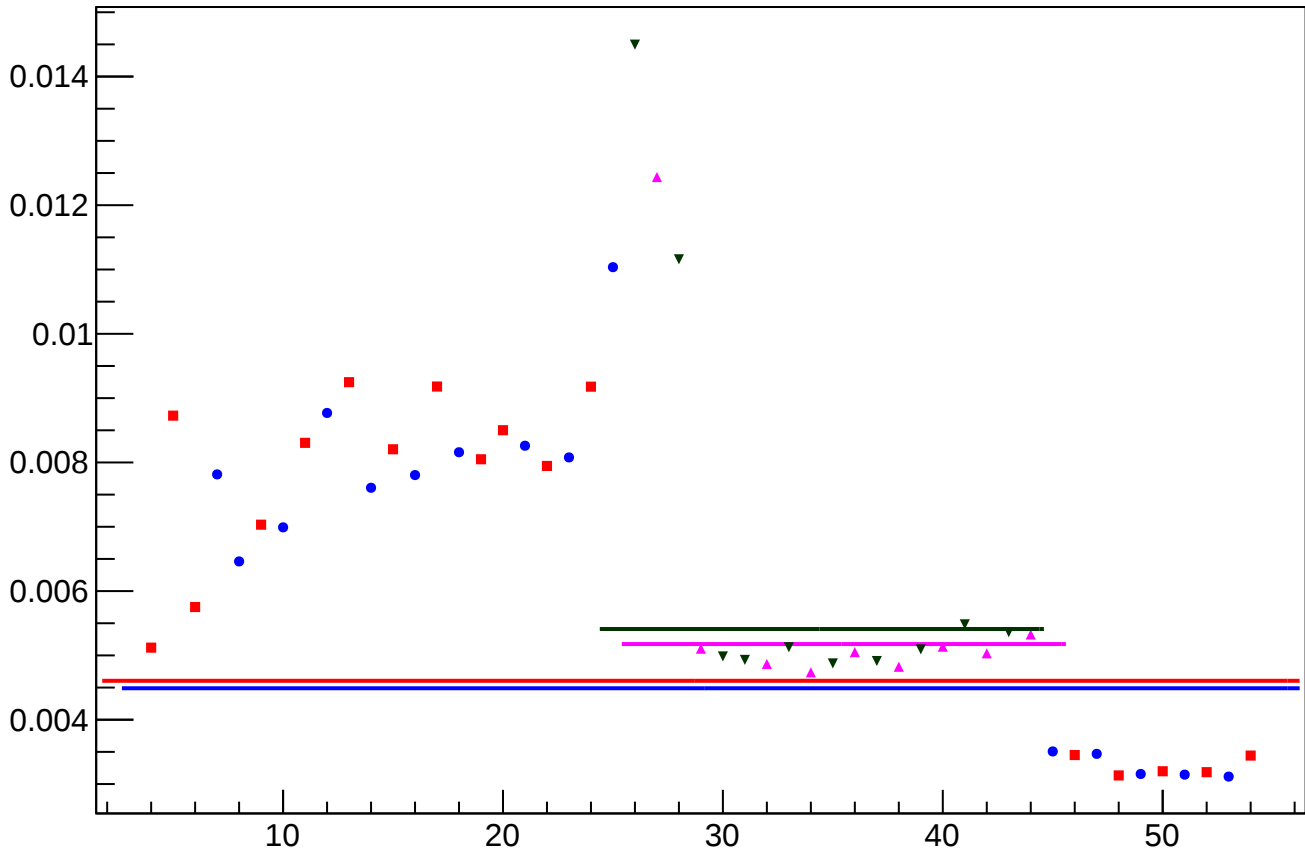
Right Out: 3.423+/-0.000 χ^2/NDF : 422302943139.9/16

Left In: 1.444+/-0.000 χ^2/NDF : 633323170.8/8

2.881+/-0.000 χ^2/NDF : 911512835114.5/24

2.704+/-0.000 χ^2/NDF : 891546101984.4/25

yield_bpm1i04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 3002248.6/14

Left Out: 0.005+/-0.000 χ^2/NDF : 753040.6/9

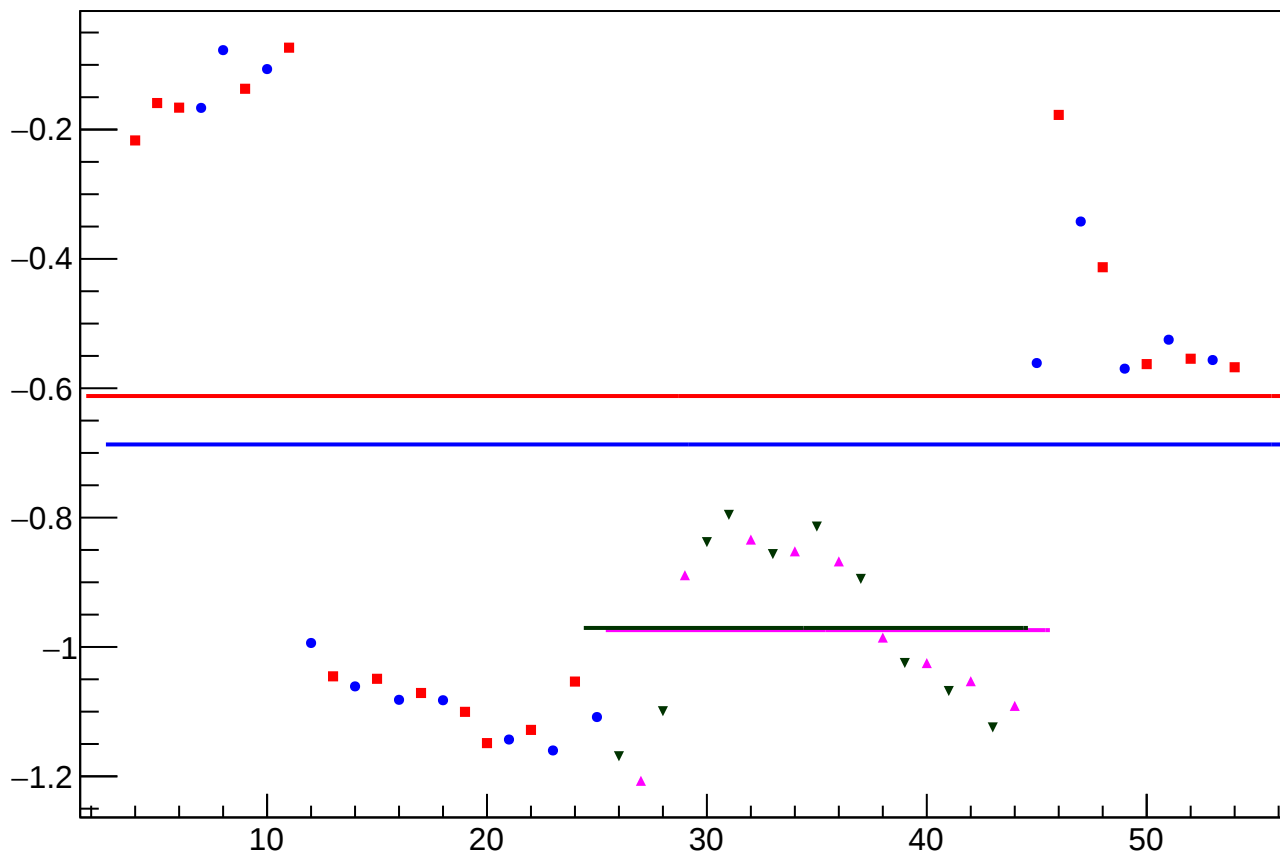
0.005+/-0.000 χ^2/NDF : 3943604.0/24

Right Out: 0.005+/-0.000 χ^2/NDF : 2981511.5/16

0.005+/-0.000 χ^2/NDF : 3573790.0/25

Left In: 0.005+/-0.000 χ^2/NDF : 514197.3/8

yield_bpm0l01X_mean vs slug



Right In: -0.687 ± 0.000 $\chi^2/\text{NDF}: 18801472579.4/14$

Left Out: -0.971 ± 0.000 $\chi^2/\text{NDF}: 1156218036.6/9$

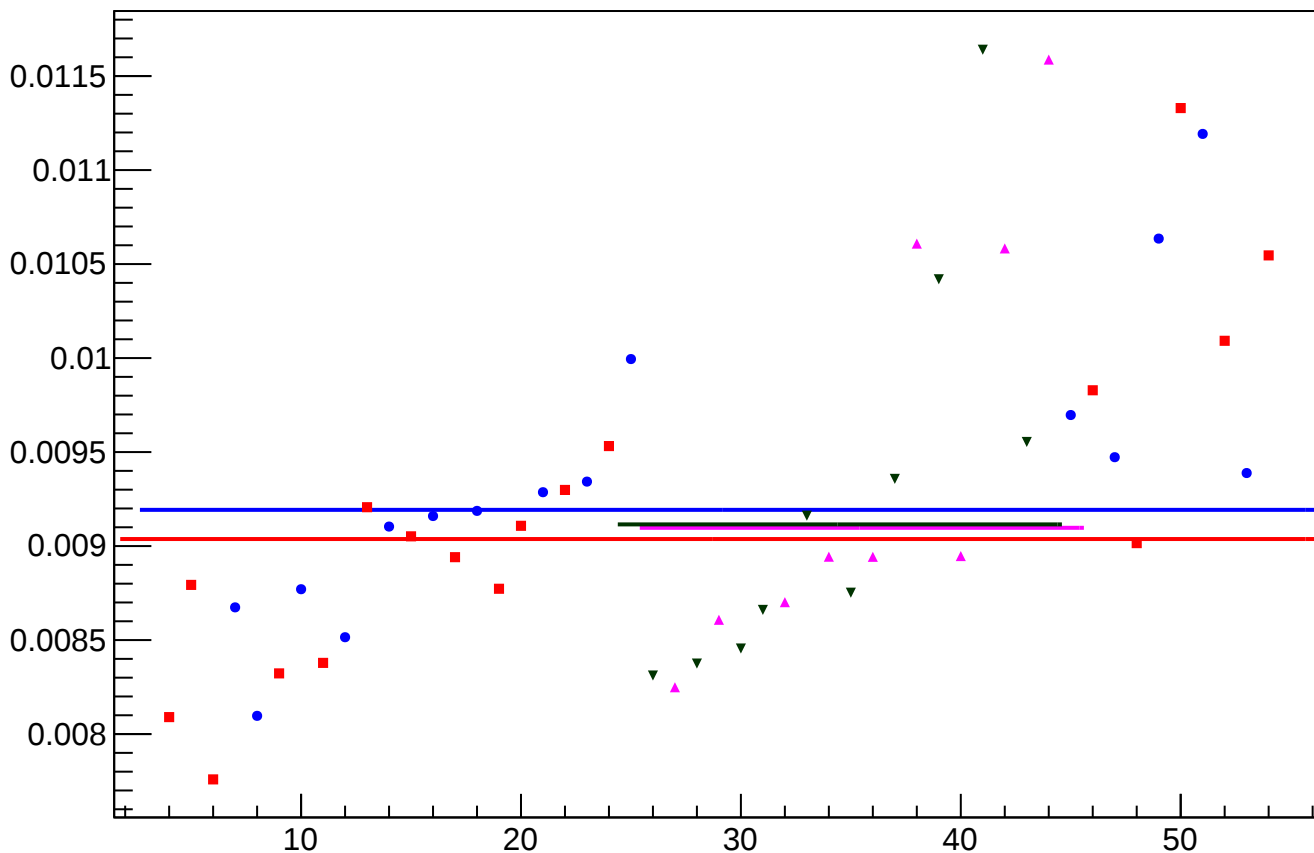
Right Out: -0.612 ± 0.000 $\chi^2/\text{NDF}: 19185078390.9/16$

Left In: -0.974 ± 0.000 $\chi^2/\text{NDF}: 1225322966.4/8$

-0.790 ± 0.000 $\chi^2/\text{NDF}: 23126753850.7/24$

-0.751 ± 0.000 $\chi^2/\text{NDF}: 25757957059.0/25$

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 114008.3/14

Left Out: 0.009+/-0.000 χ^2/NDF :104201.5/9

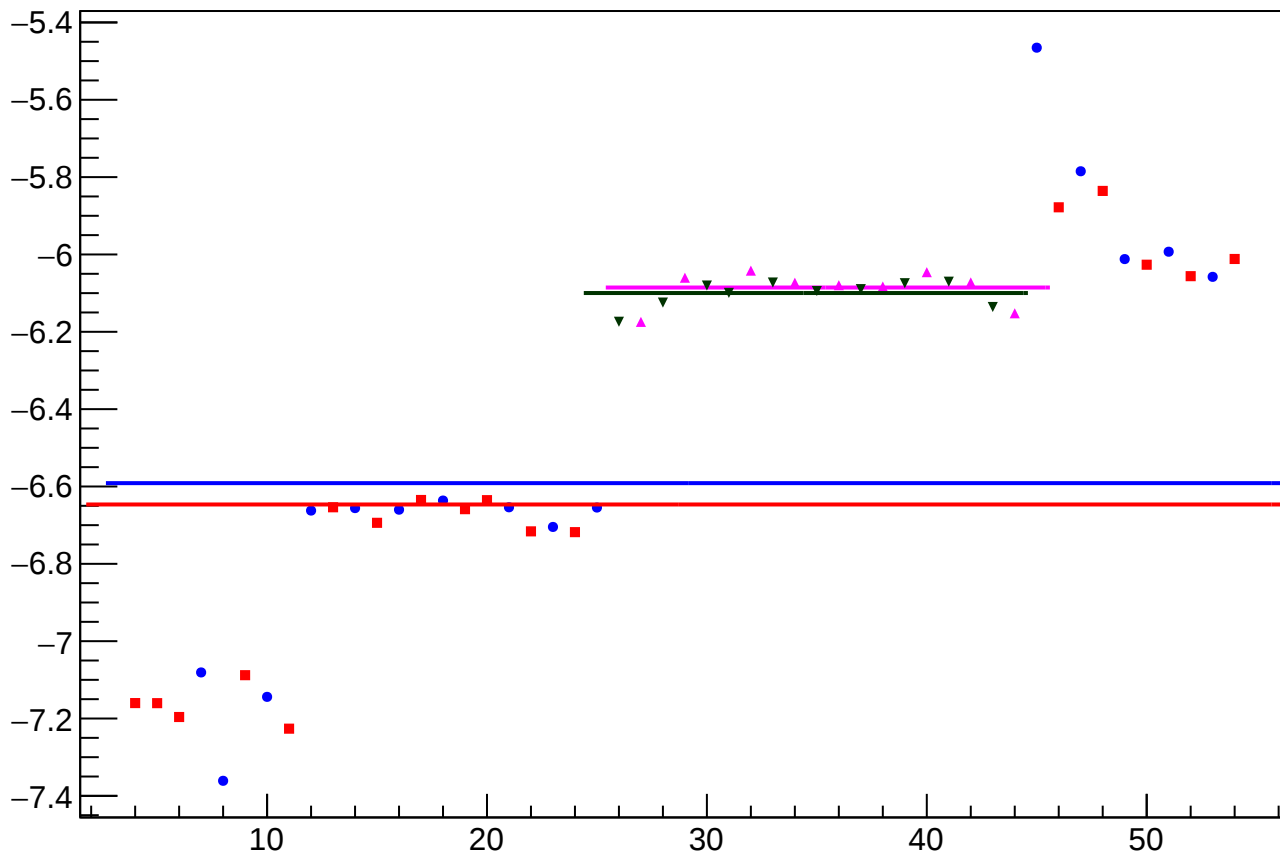
Right Out: 0.009+/-0.000 χ^2/NDF : 147266.6/16

Left In: 0.009+/-0.000 χ^2/NDF :115547.6/8

0.009+/-0.000 χ^2/NDF : 218681.3/24

0.009+/-0.000 χ^2/NDF : 263105.5/25

yield_bpm0l01Y_mean vs slug



Right In: -6.591+/-0.000 χ^2/NDF : 29422135074.4/14

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

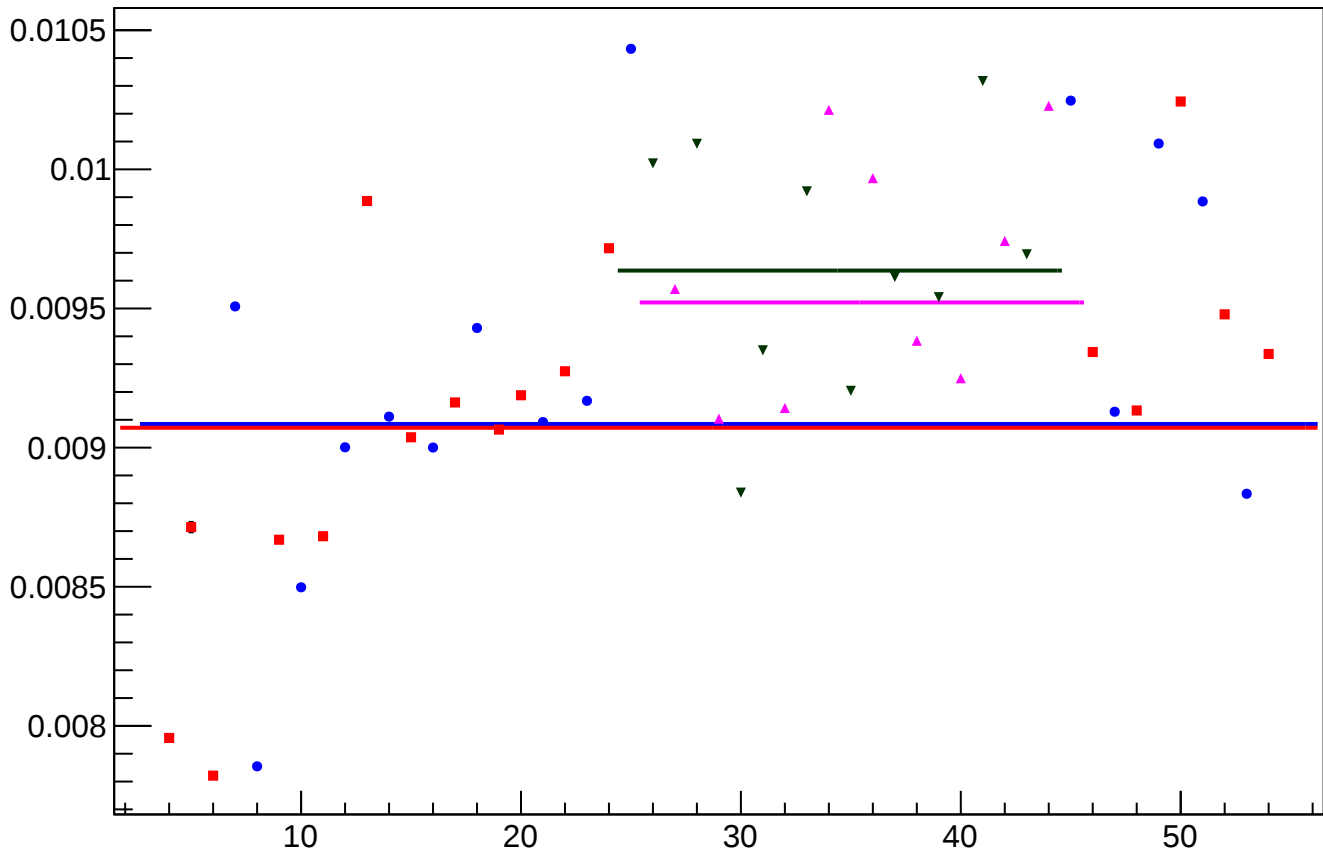
-6.427+/-0.000 χ^2/NDF : 38340393604.3/24

Right Out: -6.647+/-0.000 χ^2/NDF : 22498962144.0/16

-6.441+/-0.000 χ^2/NDF : 34654351376.2/25

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 : 99288.0/14

Left Out: 0.010+/-0.000 χ^2/NDF :21331.0/9

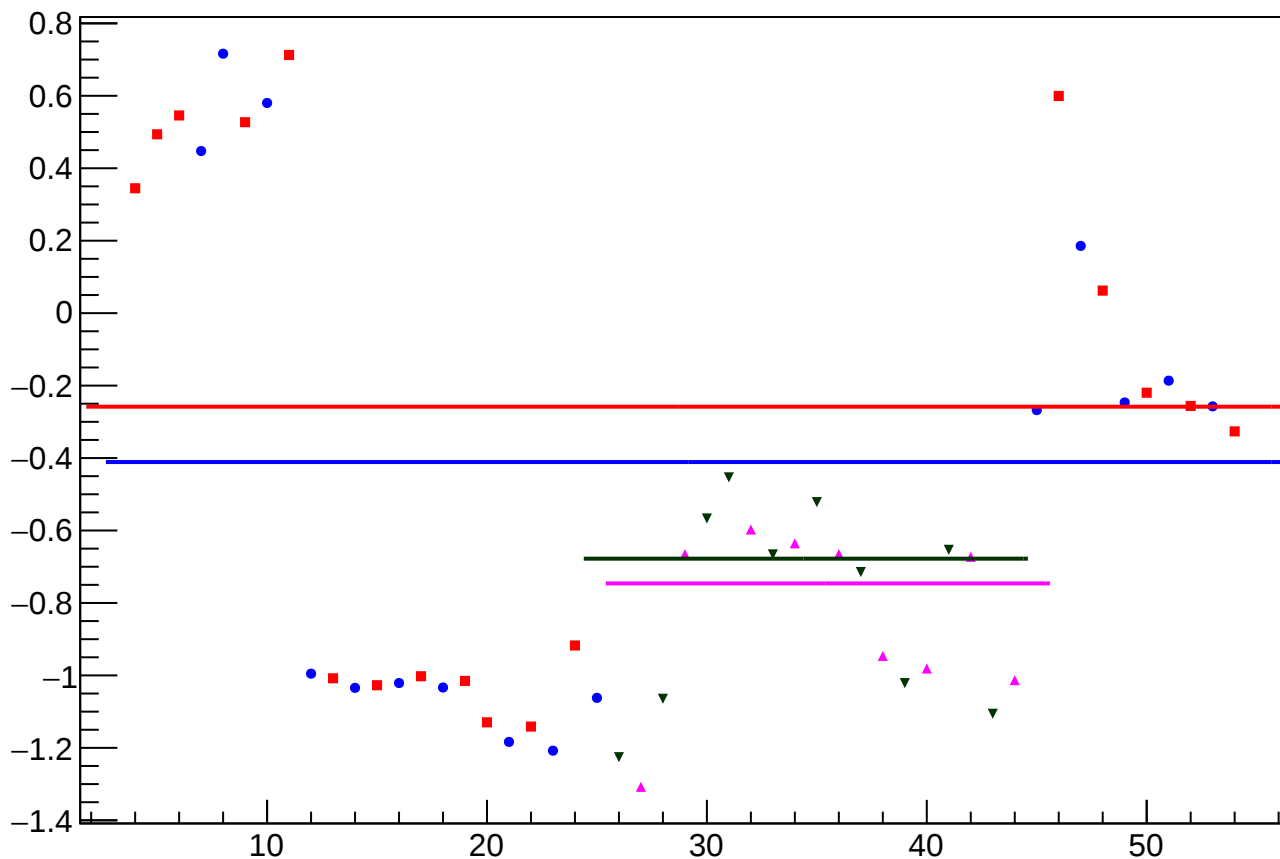
Right Out: 0.009+/-0.000 χ^2/NDF : 81773.4/16

Left In: 0.010+/-0.000 χ^2/NDF :19294.1/8

0.009+/-0.000 χ^2/NDF : 142915.0/24

0.009+/-0.000 χ^2/NDF : 116561.7/25

yield_bpm0l02X_mean vs slug



Right In: -0.411+/-0.000 χ^2/NDF : 9992664238.3/14

Left Out: -0.678+/-0.000 χ^2/NDF :1358570765.2/9

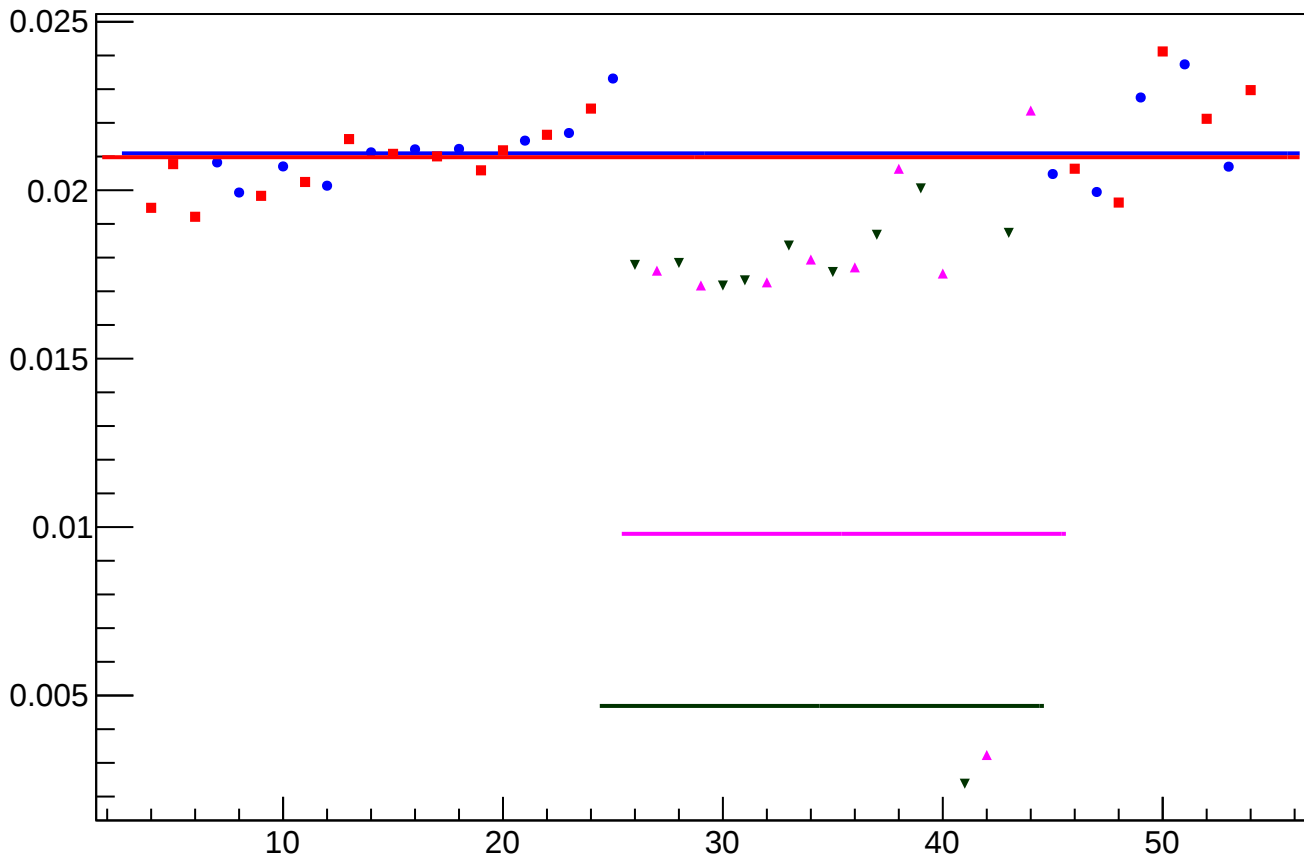
Right Out: -0.258+/-0.000 χ^2/NDF : 10101230399.7/16

Left In: -0.746+/-0.000 χ^2/NDF :1268707812.5/8

-0.630+/-0.000 χ^2/NDF : 12566147821.6/24

-0.568+/-0.000 χ^2/NDF : 14381529546.1/25

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 40580.3/14

Left Out: 0.005+/-0.000 χ^2/NDF : 5998219.6/9

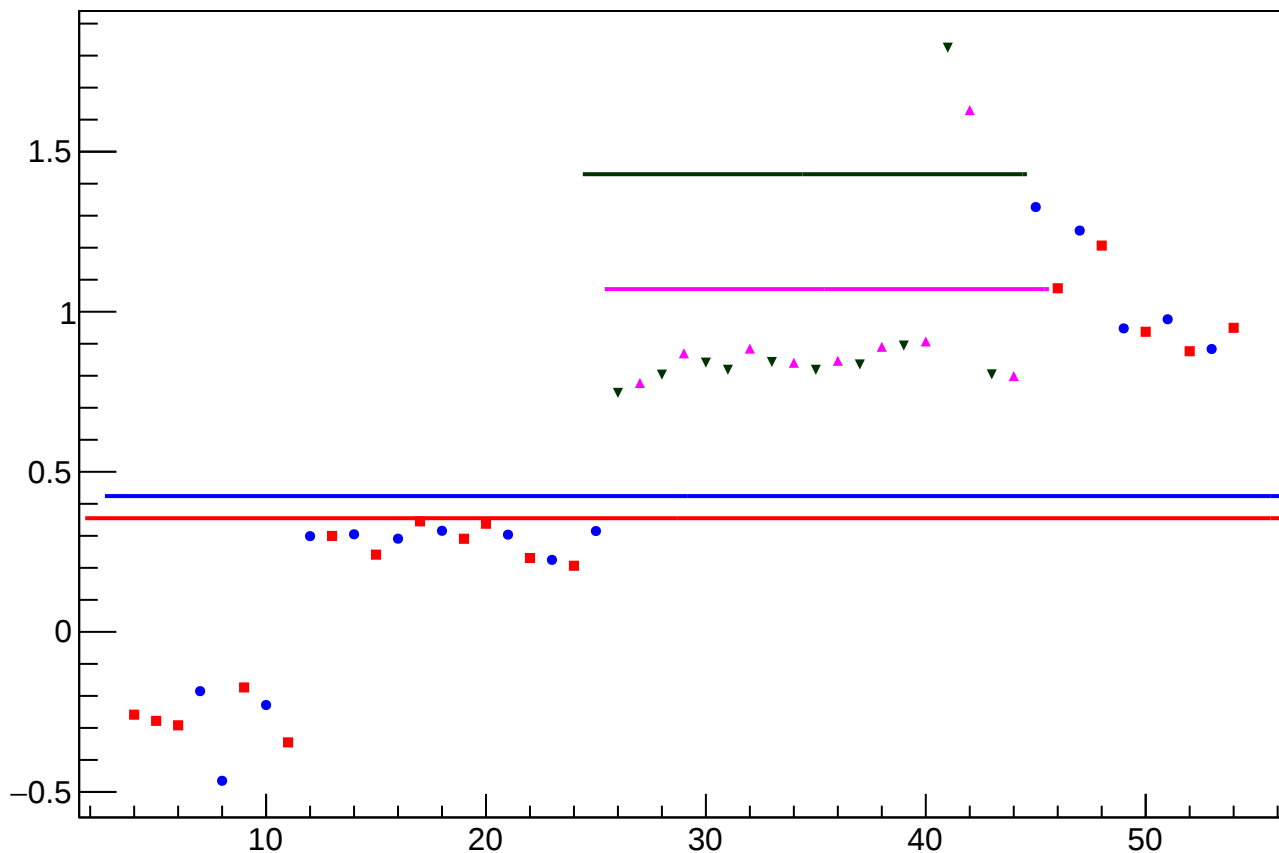
Right Out: 0.021+/-0.000 χ^2/NDF : 61305.3/16

Left In: 0.010+/-0.000 χ^2/NDF : 3818425.7/8

0.008+/-0.000 χ^2/NDF : 15226862.4/24

0.014+/-0.000 χ^2/NDF : 7043471.5/25

yield_bpm0l02Y_mean vs slug



Right In: 0.424+/-0.000 χ^2/NDF : 16804950604.6/14

Left Out: 1.430+/-0.000 χ^2/NDF : 20131817794.8/9

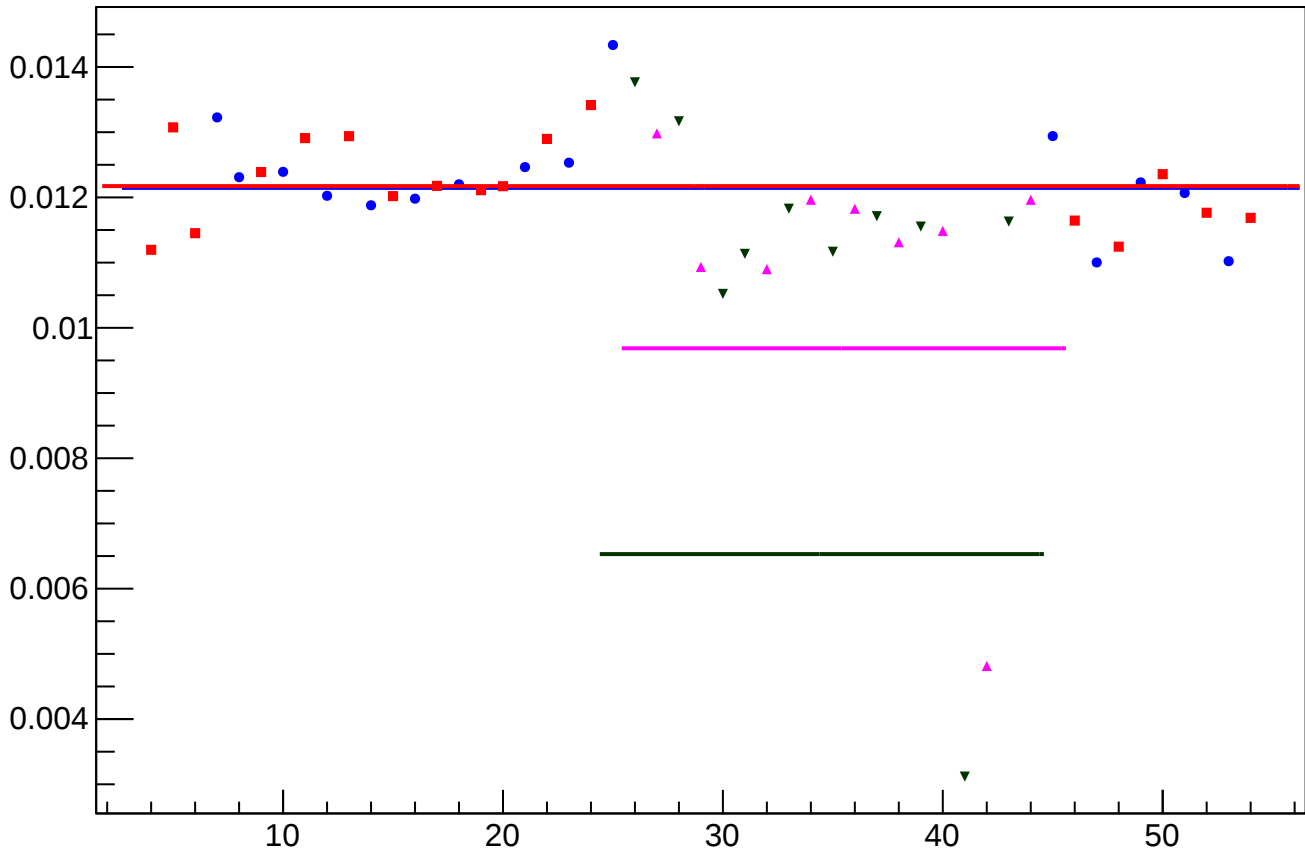
Right Out: 0.355+/-0.000 χ^2/NDF : 14614310647.6/16

Left In: 1.071+/-0.000 χ^2/NDF : 6285541515.9/8

1.004+/-0.000 χ^2/NDF : 73081546530.0/24

0.691+/-0.000 χ^2/NDF : 34937667990.7/25

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 44578.9/14

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:3050338.6/9

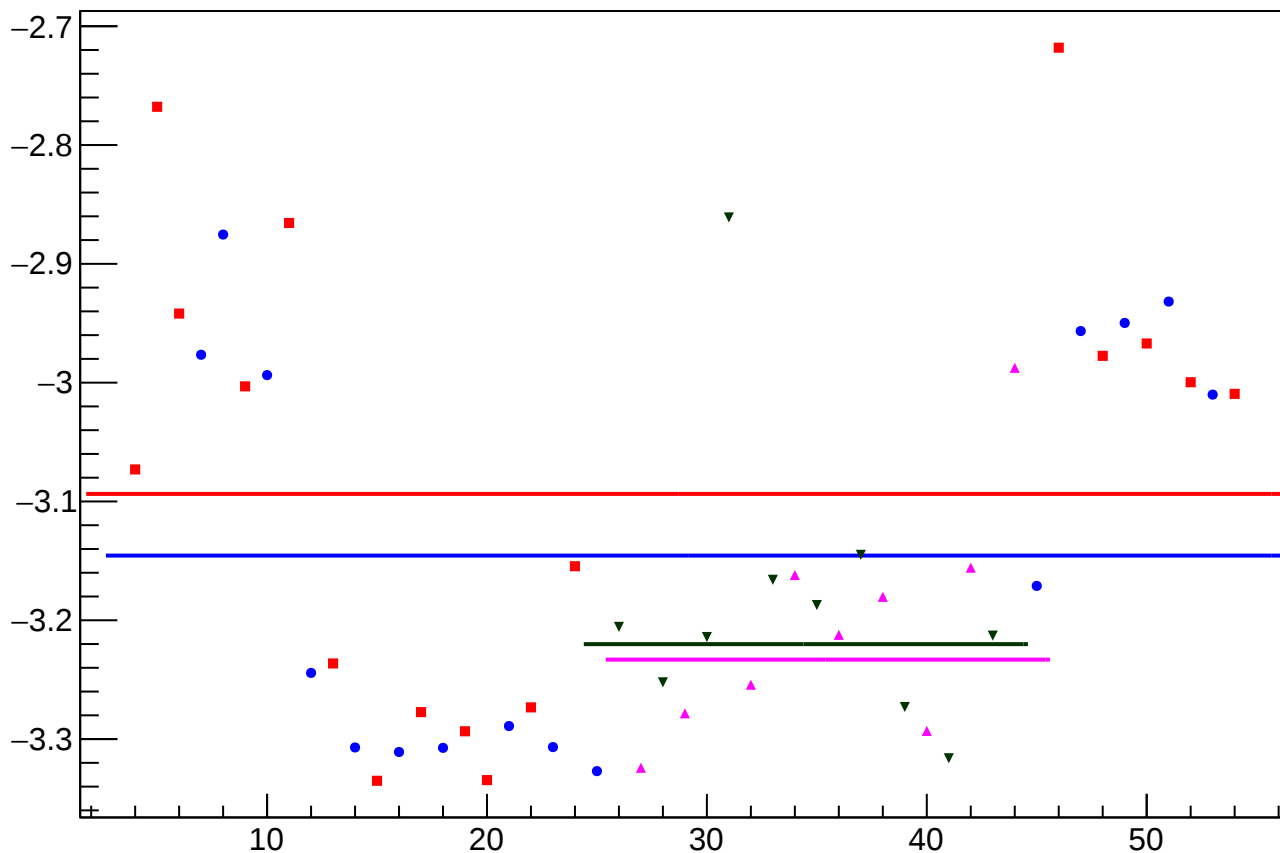
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 46519.3/16

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:979026.7/8

0.009 $\pm$ 0.000 χ^2 /NDF: 5350045.6/24

0.011 $\pm$ 0.000 χ^2 /NDF: 1364788.9/25

yield_bpm0l03X_mean vs slug



Right In: -3.146+/-0.000 χ^2/NDF : 3732922572.6/14

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

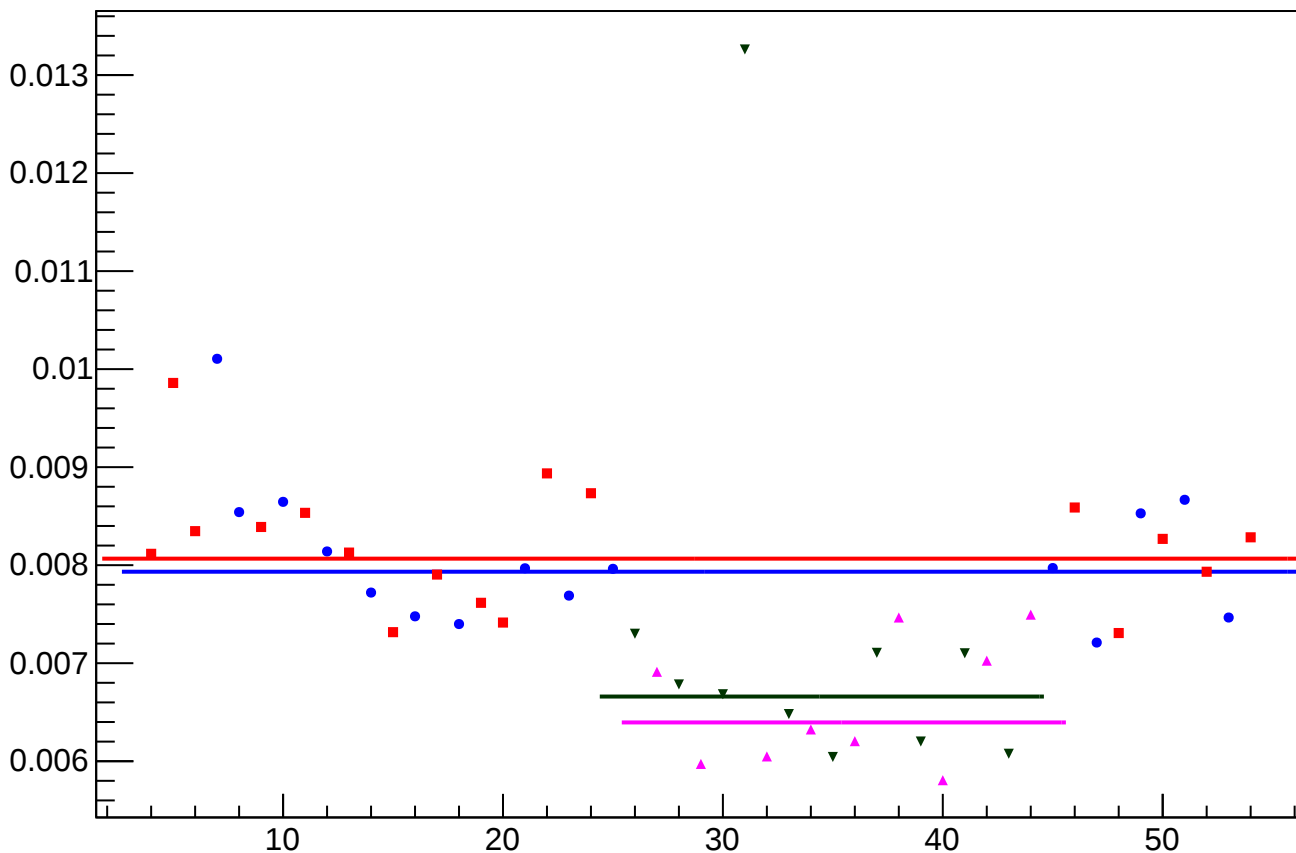
Right Out: -3.094+/-0.000 χ^2/NDF : 3647304425.1/16

Left In: -3.233+/-0.000 χ^2/NDF : 784509895.8/8

-3.178+/-0.000 χ^2/NDF : 4472585304.8/24

-3.164+/-0.000 χ^2/NDF : 5568204528.5/25

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 $\chi^2/\text{NDF}: 68691.1/14$

Left Out: 0.007+/-0.000 $\chi^2/\text{NDF}: 169219.9/9$

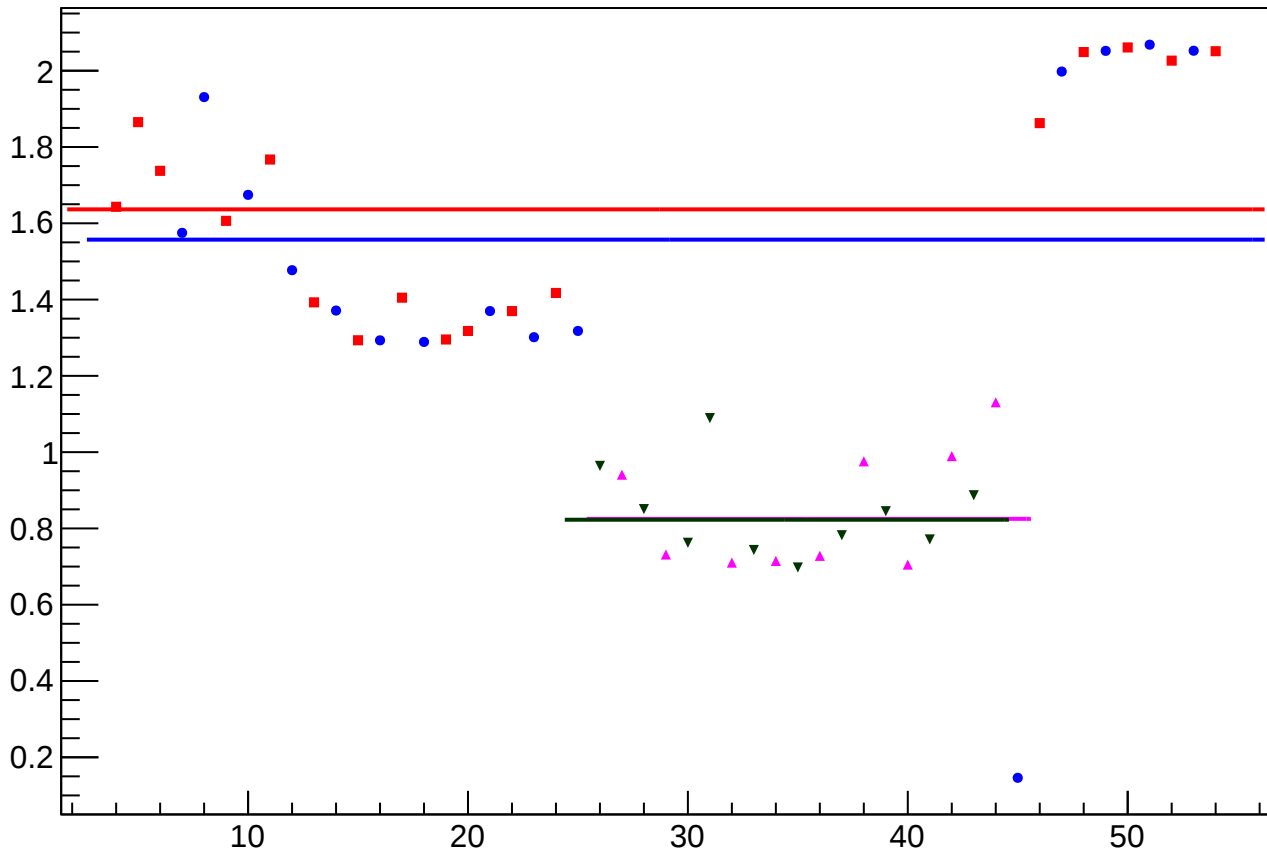
Right Out: 0.008+/-0.000 $\chi^2/\text{NDF}: 56169.9/16$

Left In: 0.006+/-0.000 $\chi^2/\text{NDF}: 72293.2/8$

0.007+/-0.000 $\chi^2/\text{NDF}: 419643.3/24$

0.007+/-0.000 $\chi^2/\text{NDF}: 454781.0/25$

yield_bpm0l03Y_mean vs slug



Right In: 1.557 $\pm$ 0.000 χ^2 /NDF: 22038116396.3/14

Left Out: 0.823 $\pm$ 0.000 χ^2 /NDF: 373202951.2/9

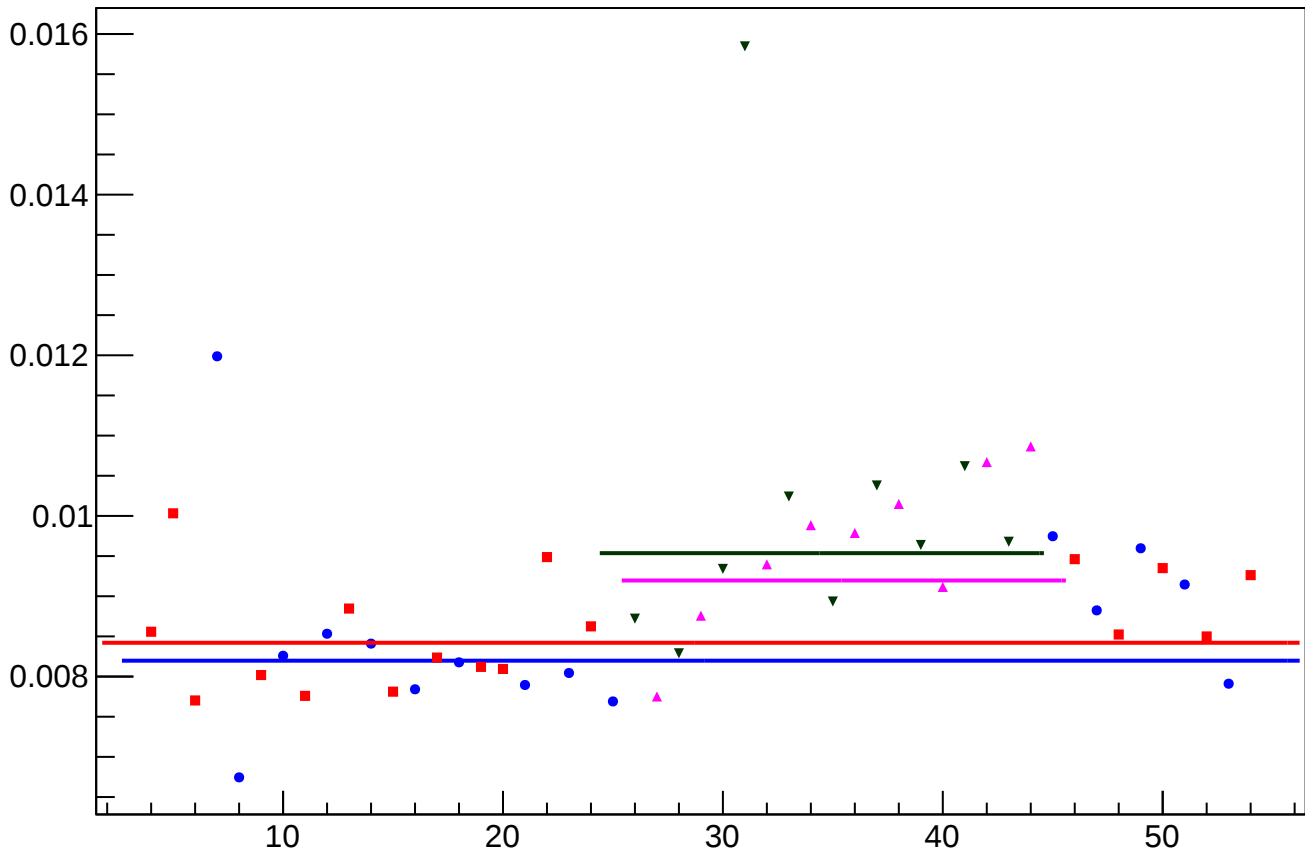
1.345 $\pm$ 0.000 χ^2 /NDF: 40846730961.5/24

Right Out: 1.637 $\pm$ 0.000 χ^2 /NDF: 8101590485.6/16

1.348 $\pm$ 0.000 χ^2 /NDF: 33422420290.2/25

Left In: 0.825 $\pm$ 0.000 χ^2 /NDF: 1054829783.2/8

yield_bpm0l03Y_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 176076.5/14

Left Out: 0.010+/-0.000 χ^2/NDF :144258.2/9

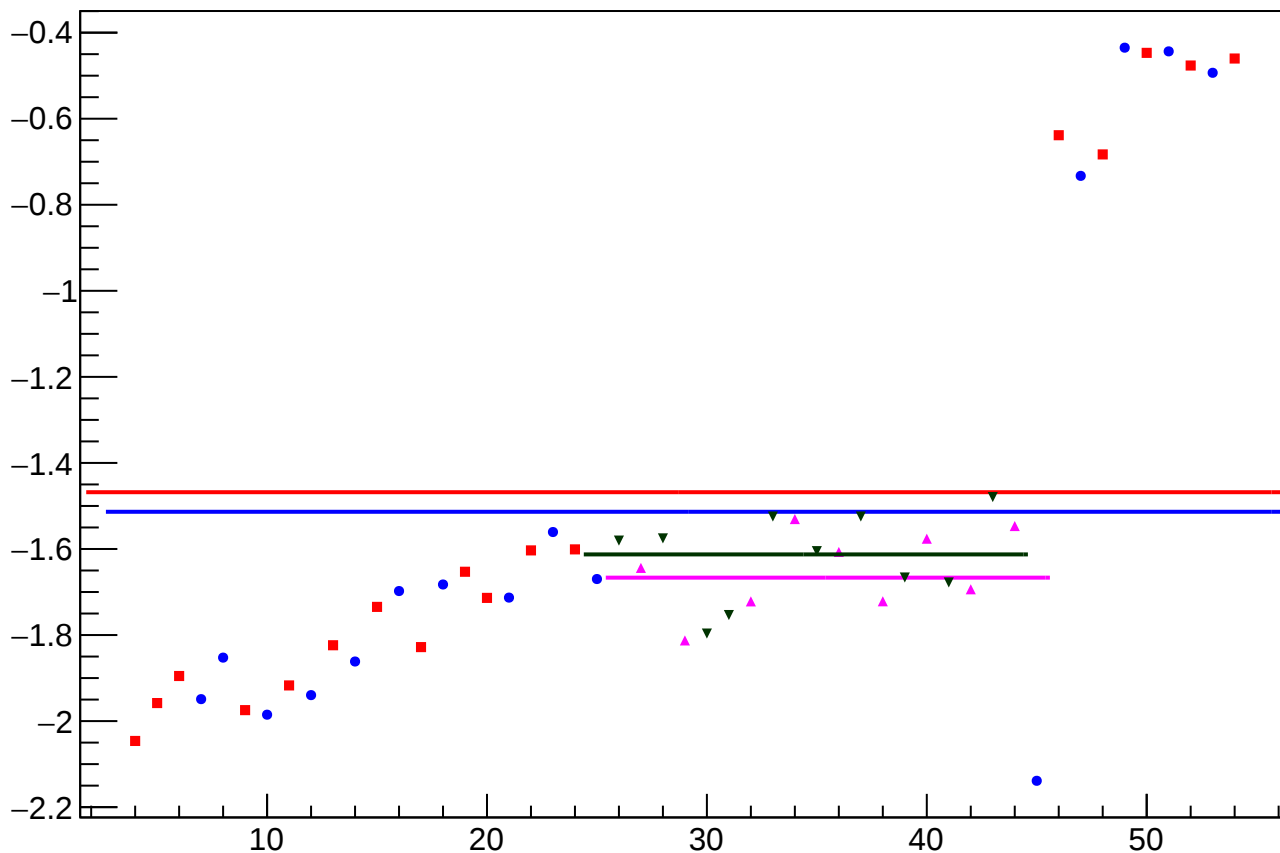
Right Out: 0.008+/-0.000 χ^2/NDF : 70248.3/16

Left In: 0.009+/-0.000 χ^2/NDF :103784.9/8

0.009+/-0.000 χ^2/NDF : 442901.6/24

0.009+/-0.000 χ^2/NDF : 218322.1/25

yield_bpm0l04X_mean vs slug



Right In: -1.514+/-0.000 χ^2/NDF : 23912606609.3/14

Left Out: -1.613+/-0.000 χ^2/NDF : 327148879.4/9

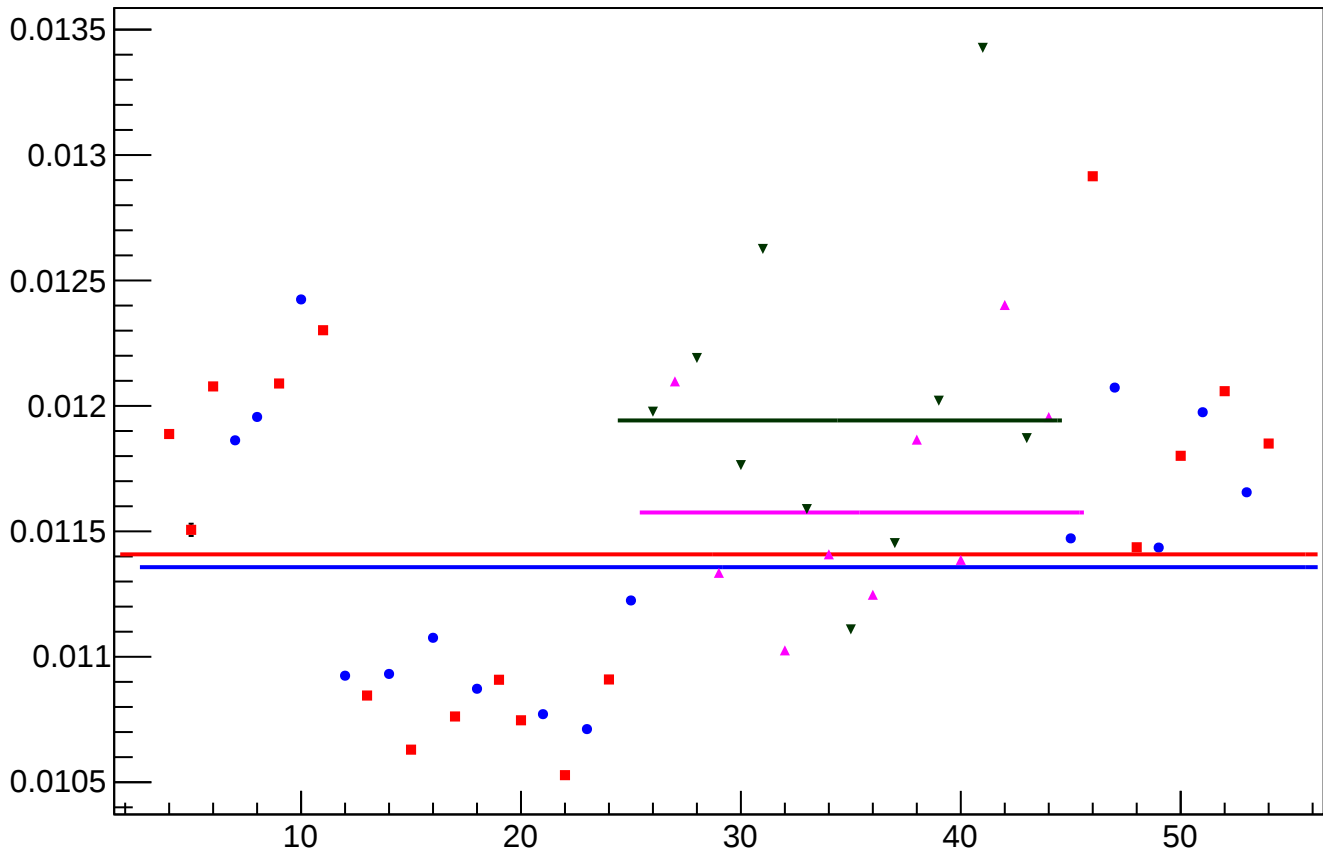
Right Out: -1.468+/-0.000 χ^2/NDF : 21969407184.9/16

Left In: -1.667+/-0.000 χ^2/NDF : 344212253.5/8

-1.547+/-0.000 χ^2/NDF : 24477994370.2/24

-1.544+/-0.000 χ^2/NDF : 23329642261.2/25

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 40784.0/14

Left Out: 0.012+/-0.000 χ^2/NDF :25348.0/9

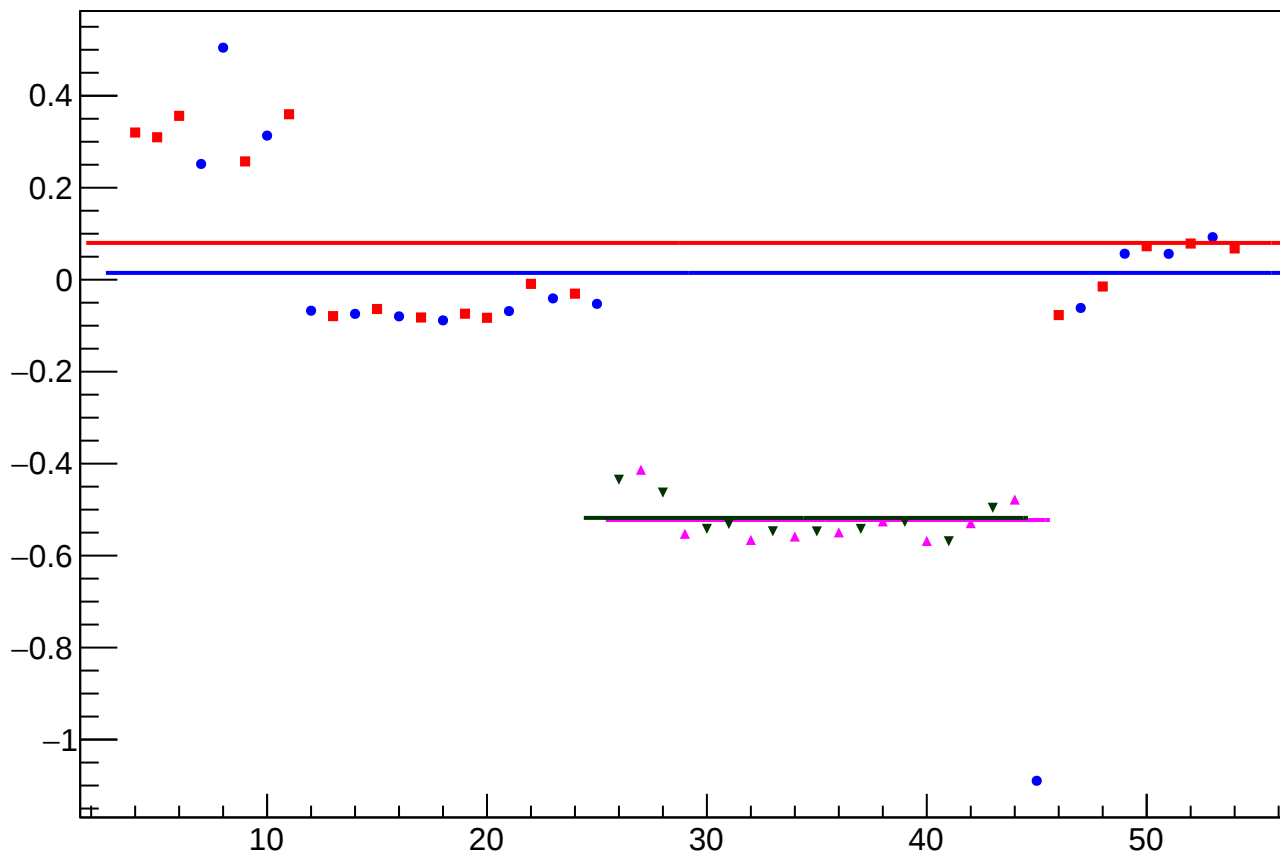
Right Out: 0.011+/-0.000 χ^2/NDF : 63875.5/16

Left In: 0.012+/-0.000 χ^2/NDF :15888.6/8

0.012+/-0.000 χ^2/NDF : 82733.5/24

0.011+/-0.000 χ^2/NDF : 81199.3/25

yield_bpm0l04Y_mean vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 18129506012.4/14

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

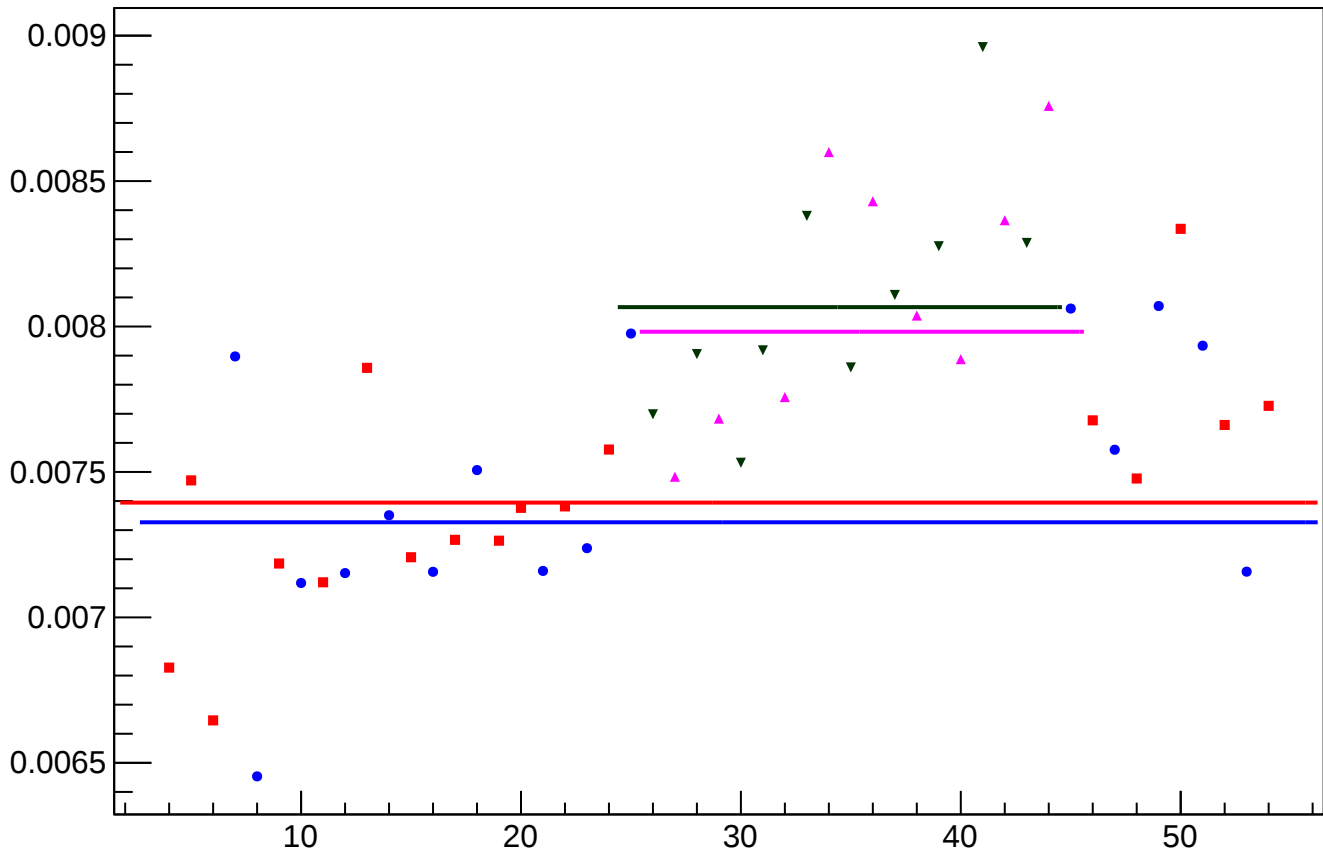
Right Out: 0.080+/-0.000 χ^2/NDF : 4559418389.3/16

Left In: -0.523+/-0.000 χ^2/NDF : 258155612.5/8

-0.154+/-0.000 χ^2/NDF : 33546199401.3/24

-0.133+/-0.000 χ^2/NDF : 25056451004.3/25

yield_bpm0l04Y_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 73124.0/14

Left Out: 0.008 ± 0.000 χ^2/NDF : 23022.1/9

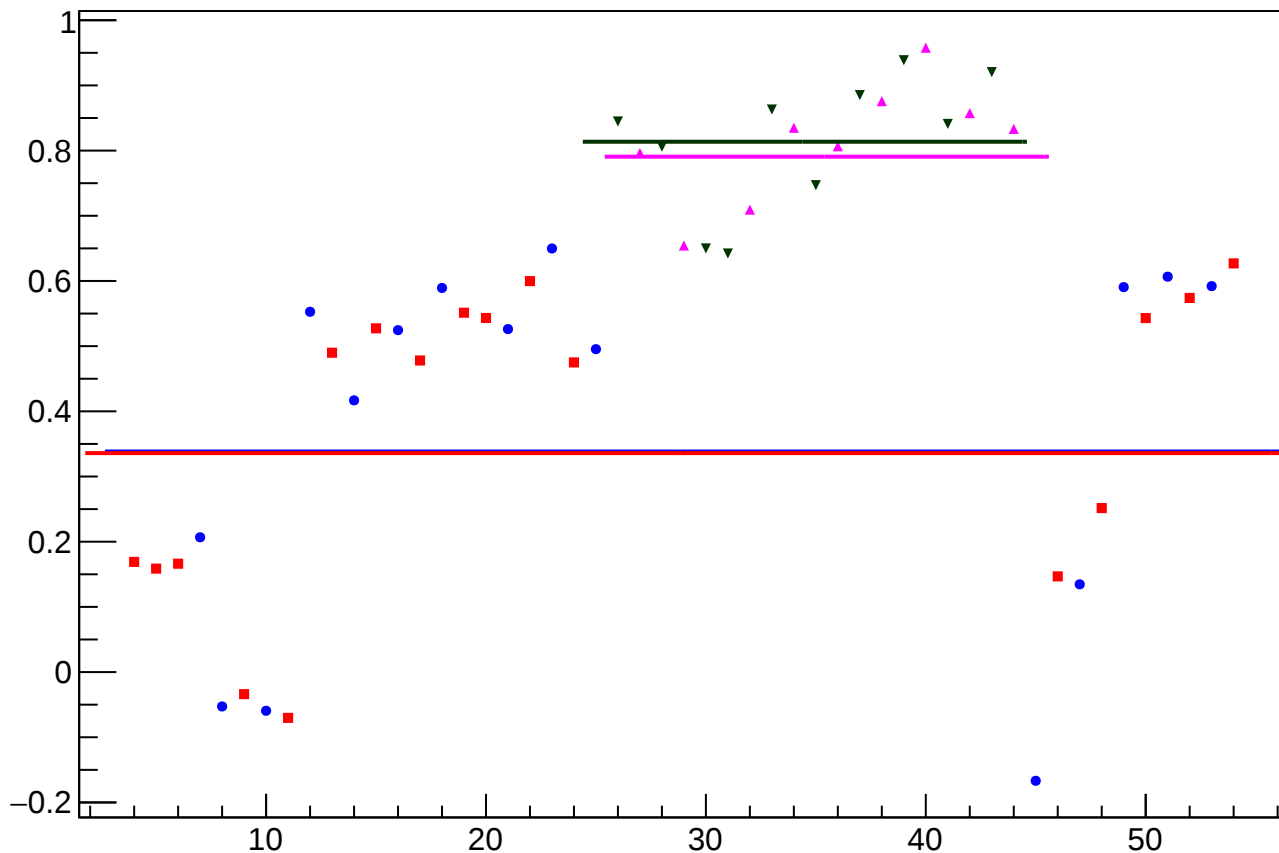
0.008 ± 0.000 χ^2/NDF : 155078.0/24

Right Out: 0.007 ± 0.000 χ^2/NDF : 47362.3/16

0.008 ± 0.000 χ^2/NDF : 115193.4/25

Left In: 0.008 ± 0.000 χ^2/NDF : 29355.6/8

yield_bpm0l05X_mean vs slug



Right In: 0.338 $\pm$ 0.000 χ^2 /NDF: 15491914697.0/14

Left Out: 0.814 $\pm$ 0.000 χ^2 /NDF:993349923.9/9

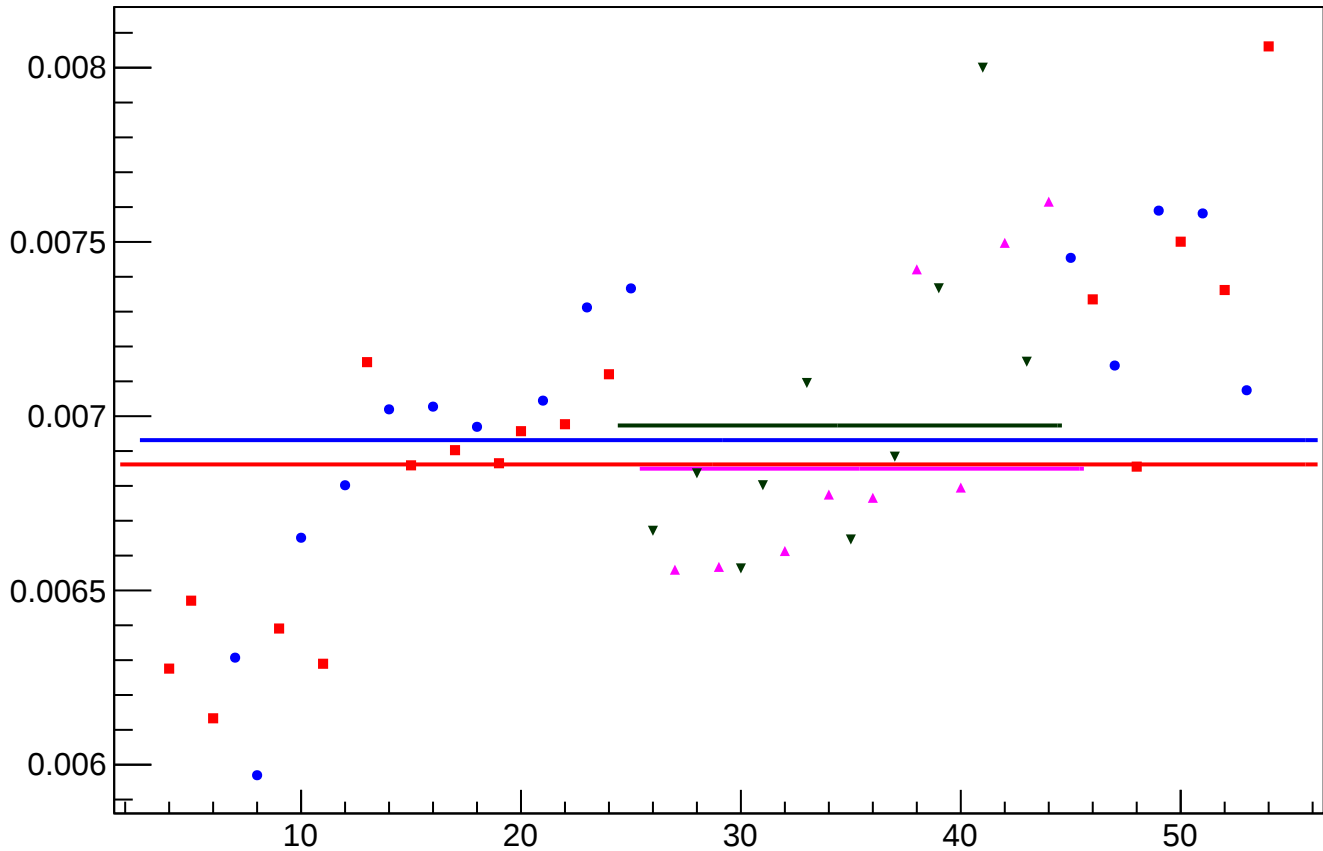
0.509 $\pm$ 0.000 χ^2 /NDF: 31997803494.9/24

Right Out: 0.336 $\pm$ 0.000 χ^2 /NDF: 10744524146.6/16

0.513 $\pm$ 0.000 χ^2 /NDF: 26581685715.4/25

Left In: 0.791 $\pm$ 0.000 χ^2 /NDF:932399689.3/8

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 85782.6/14

Left Out: 0.007+/-0.000 χ^2/NDF : 32912.7/9

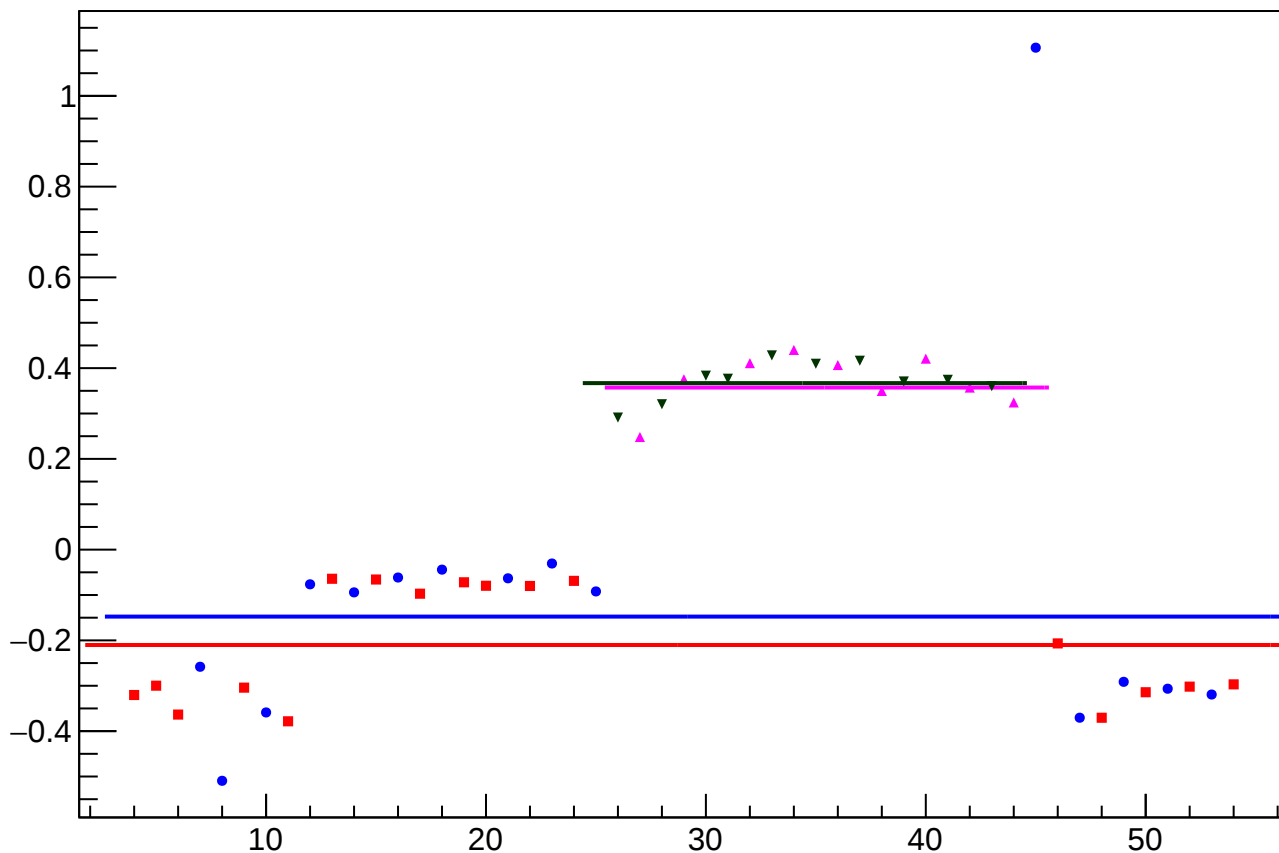
Right Out: 0.007+/-0.000 χ^2/NDF : 86869.9/16

Left In: 0.007+/-0.000 χ^2/NDF : 33164.0/8

0.007+/-0.000 χ^2/NDF : 118938.3/24

0.007+/-0.000 χ^2/NDF : 120055.4/25

yield_bpm0l05Y_mean vs slug



Right In: -0.148+/-0.000 χ^2/NDF : 36069386818.3/14

Left Out: 0.367+/-0.000 χ^2/NDF :258003359.9/9

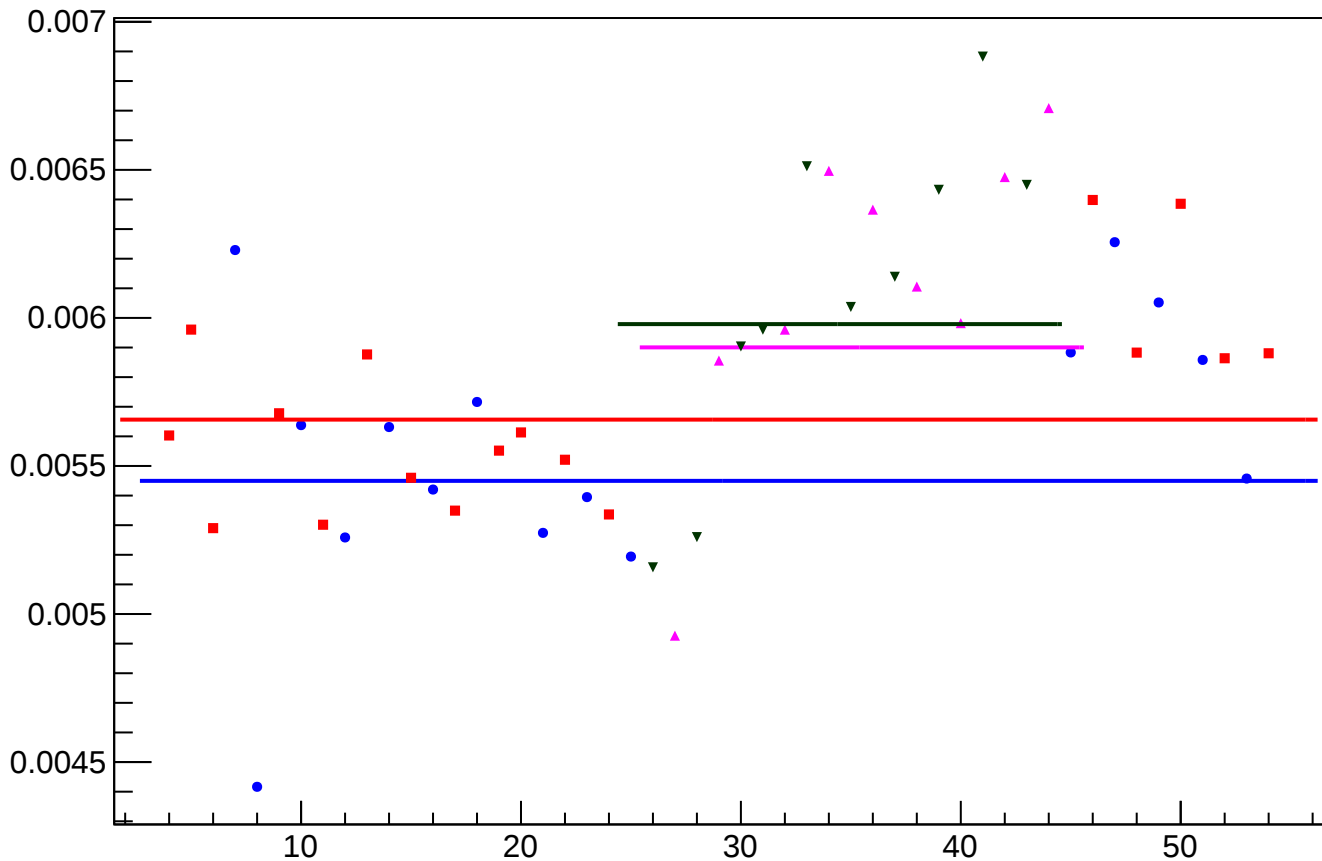
0.016+/-0.000 χ^2/NDF : 61835157638.5/24

Right Out: -0.210+/-0.000 χ^2/NDF : 4421120567.0/16

-0.002+/-0.000 χ^2/NDF : 36723291779.7/25

Left In: 0.357+/-0.000 χ^2/NDF :650314960.7/8

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 157267.8/14

Left Out: 0.006+/-0.000 χ^2/NDF : 84407.0/9

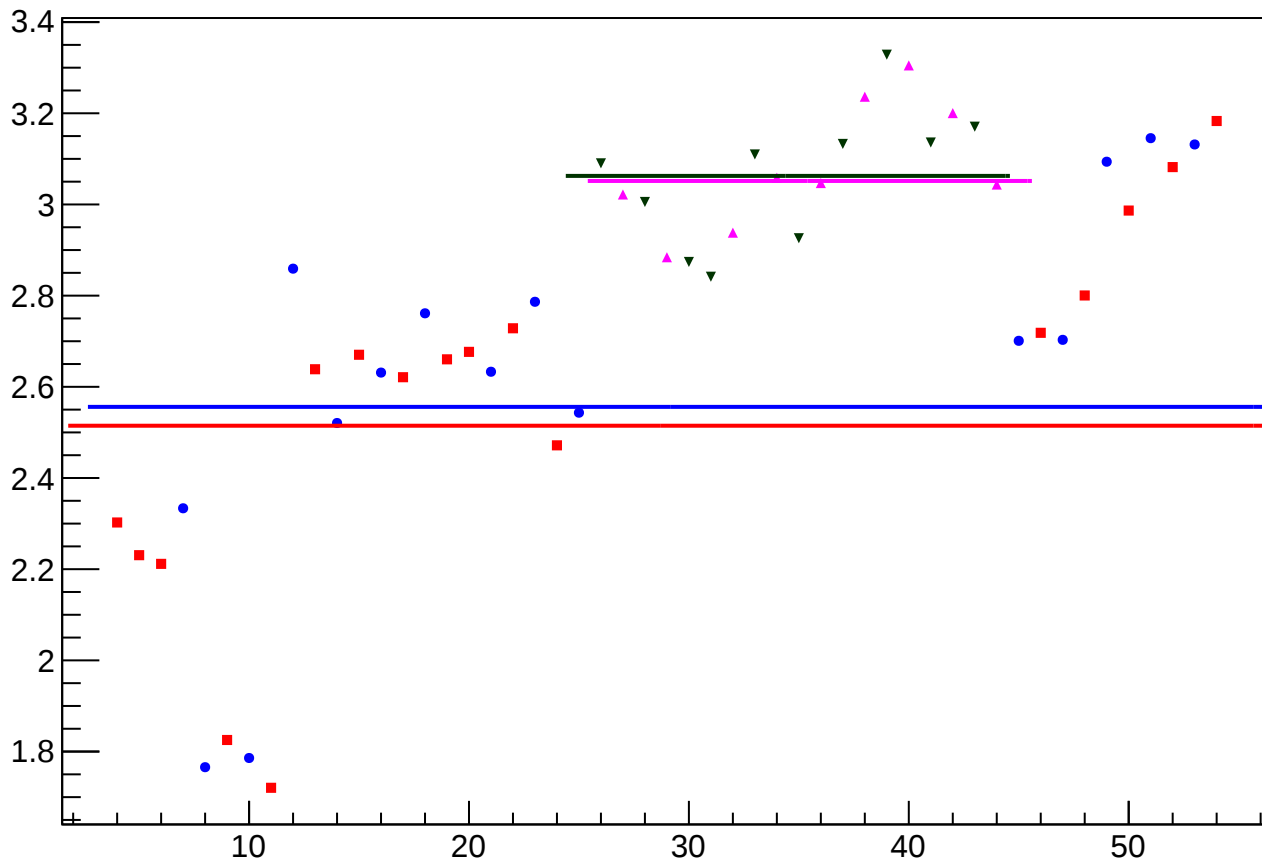
Right Out: 0.006+/-0.000 χ^2/NDF : 54137.2/16

Left In: 0.006+/-0.000 χ^2/NDF : 101099.8/8

0.006+/-0.000 χ^2/NDF : 295673.5/24

0.006+/-0.000 χ^2/NDF : 166935.4/25

yield_bpm0l06X_mean vs slug



Right In: 2.556 ± 0.000 χ^2/NDF : 12832734725.3/14

Left Out: 3.063 ± 0.000 χ^2/NDF : 1107067165.5/9

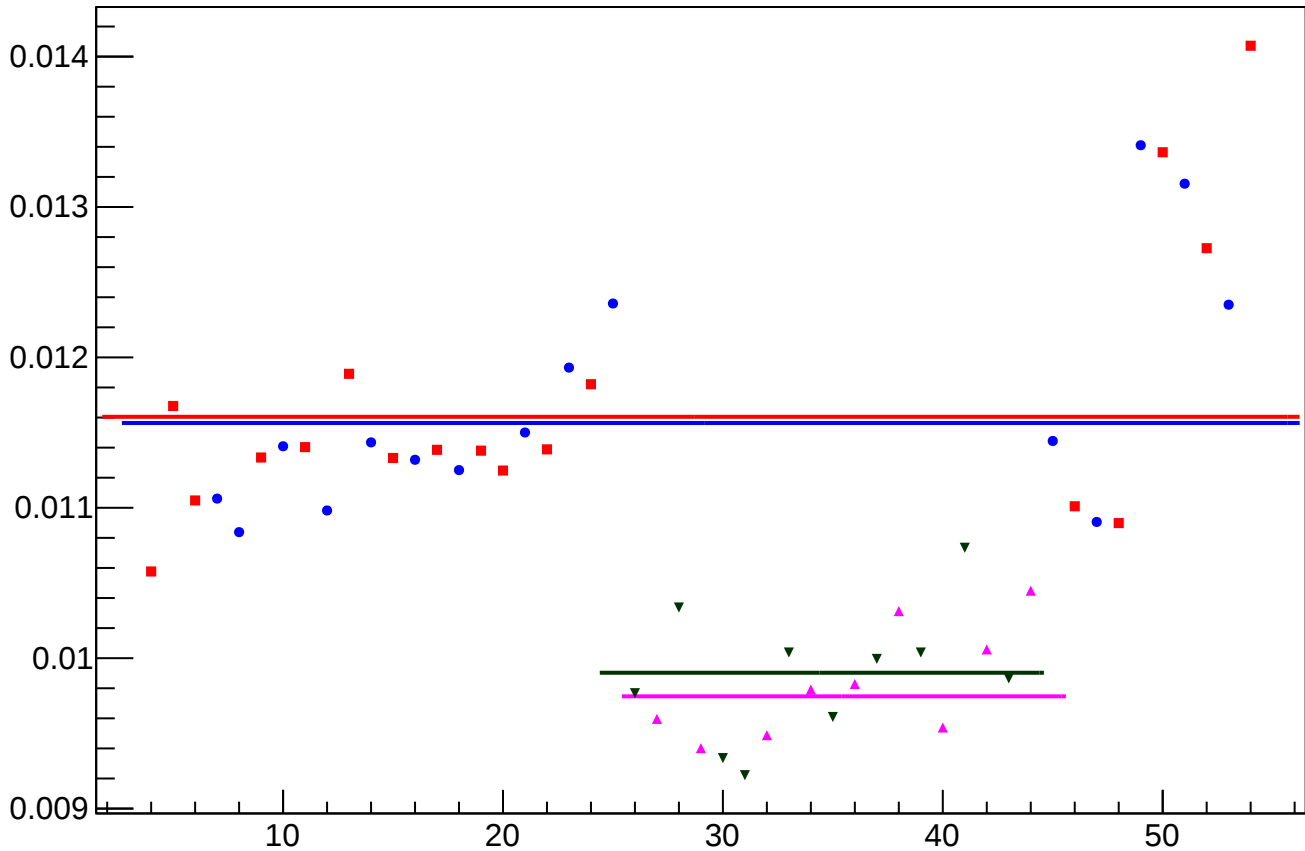
2.778 ± 0.000 χ^2/NDF : 21658139962.1/24

Right Out: 2.515 ± 0.000 χ^2/NDF : 10507615446.0/16

2.770 ± 0.000 χ^2/NDF : 20352313706.7/25

Left In: 3.052 ± 0.000 χ^2/NDF : 1015989993.5/8

yield_bpm0l06X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 70557.8/14

Left Out: 0.010+/-0.000 χ^2/NDF : 18813.8/9

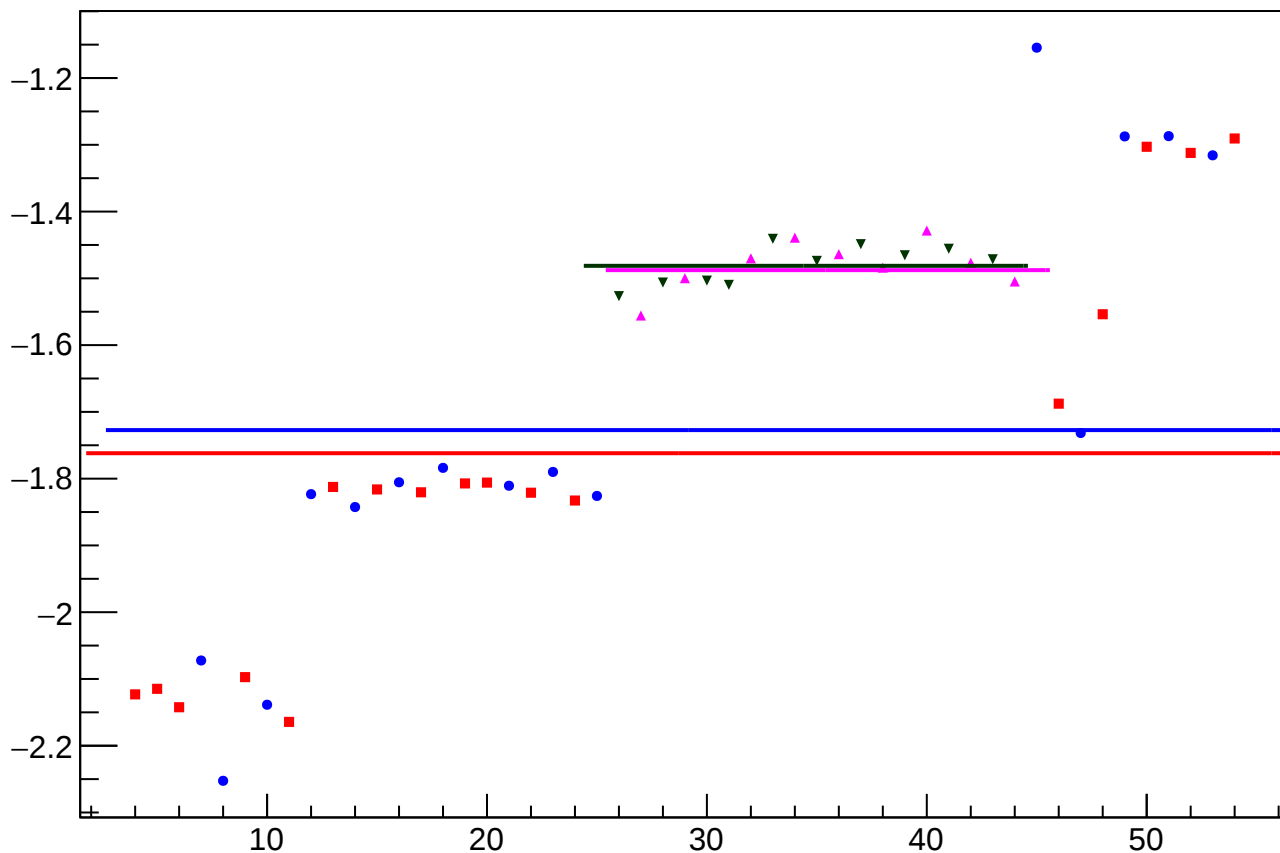
0.011+/-0.000 χ^2/NDF : 255229.7/24

Right Out: 0.012+/-0.000 χ^2/NDF : 80300.0/16

0.011+/-0.000 χ^2/NDF : 305142.9/25

Left In: 0.010+/-0.000 χ^2/NDF : 13193.9/8

yield_bpm0l06Y_mean vs slug



Right In: -1.727+/-0.000 χ^2/NDF : 48262354025.7/14

Left Out: -1.481+/-0.000 χ^2/NDF : 133314200.9/9

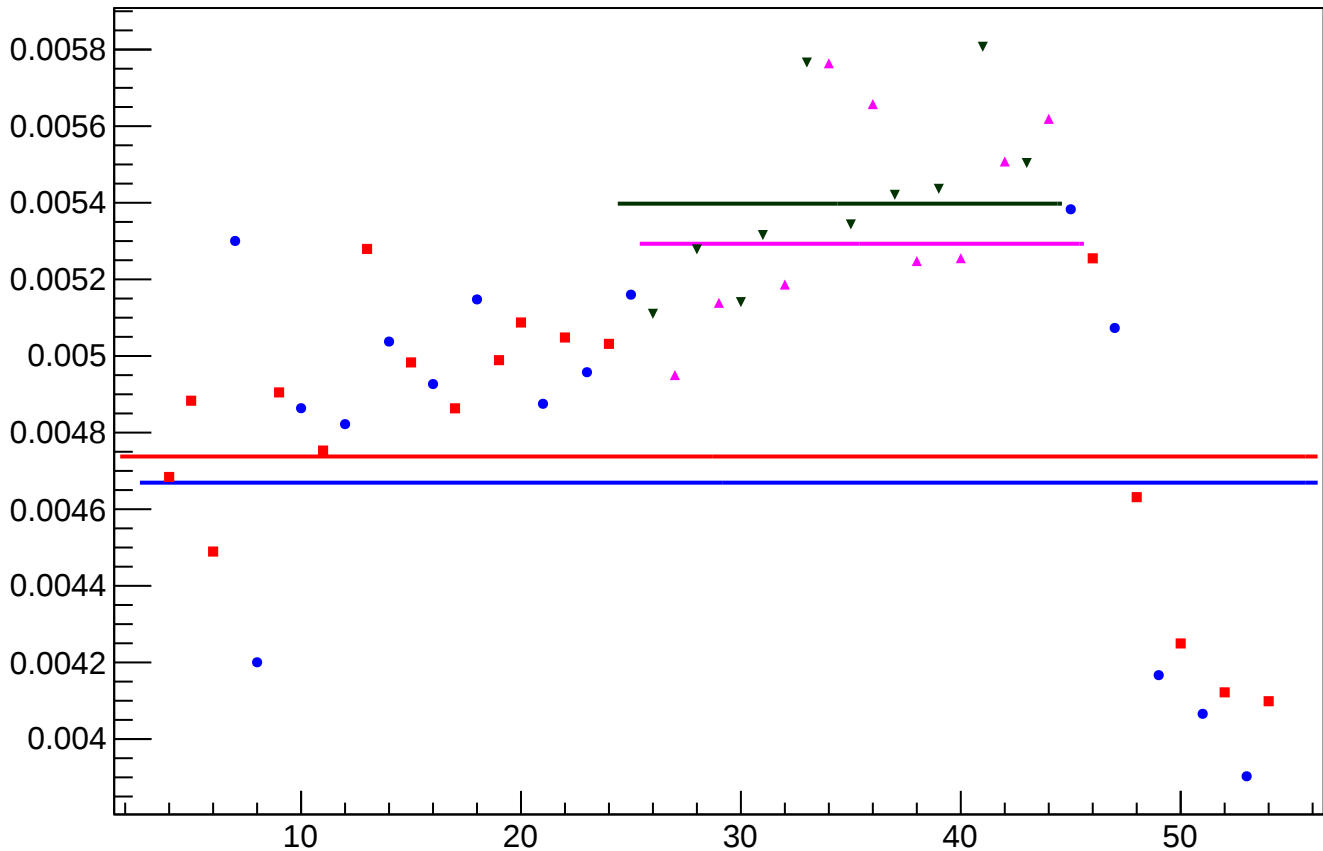
Right Out: -1.762+/-0.000 χ^2/NDF : 35421222374.0/16

Left In: -1.488+/-0.000 χ^2/NDF : 281282296.5/8

-1.654+/-0.000 χ^2/NDF : 55887885692.9/24

-1.669+/-0.000 χ^2/NDF : 45463283084.8/25

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 177981.8/14

Left Out: 0.005+/-0.000 χ^2/NDF :16600.8/9

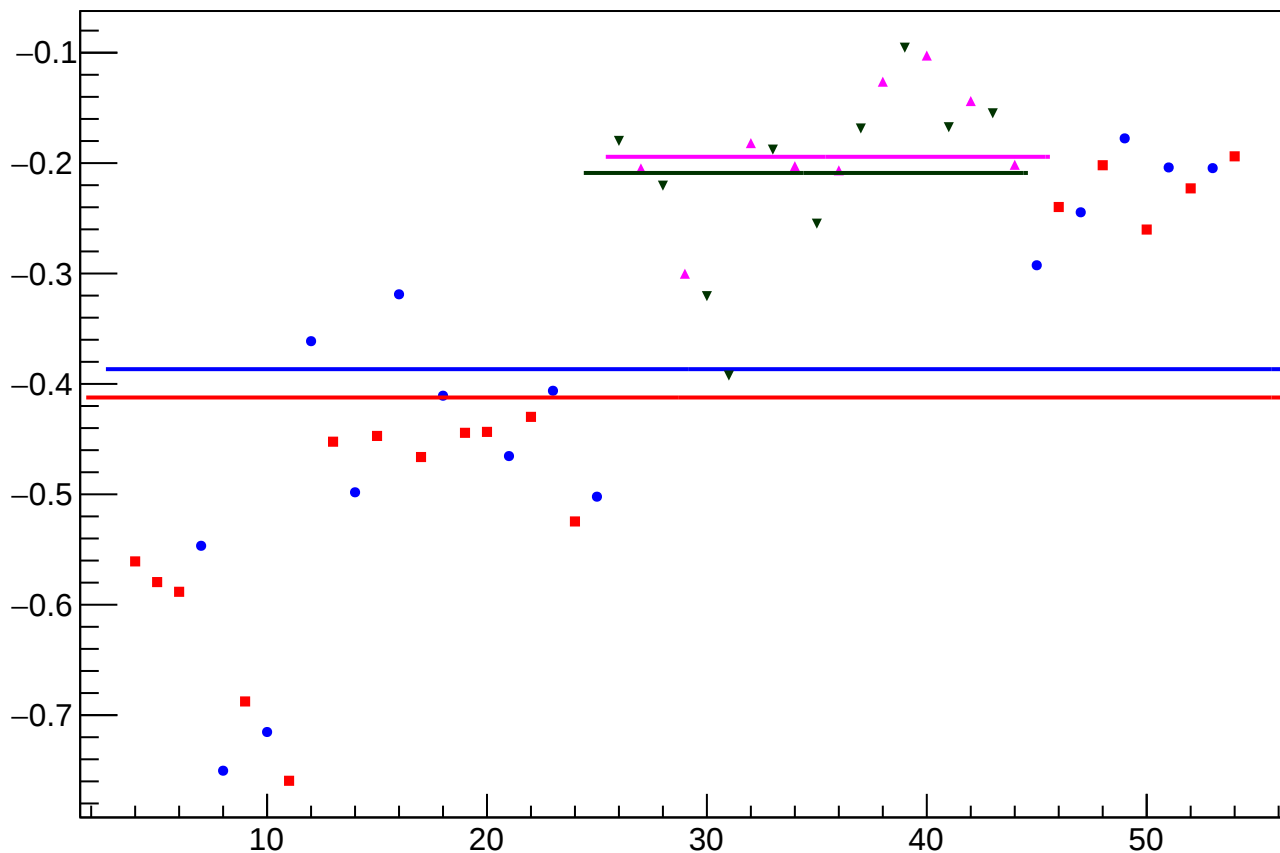
Right Out: 0.005+/-0.000 χ^2/NDF : 113228.0/16

Left In: 0.005+/-0.000 χ^2/NDF :25779.4/8

0.005+/-0.000 χ^2/NDF : 325896.3/24

0.005+/-0.000 χ^2/NDF : 219111.5/25

yield_bpm0l07X_mean vs slug



Right In: -0.387 ± 0.000 $\chi^2/\text{NDF}: 1375079633.0/14$

Left Out: -0.209 ± 0.000 $\chi^2/\text{NDF}: 145606796.2/9$

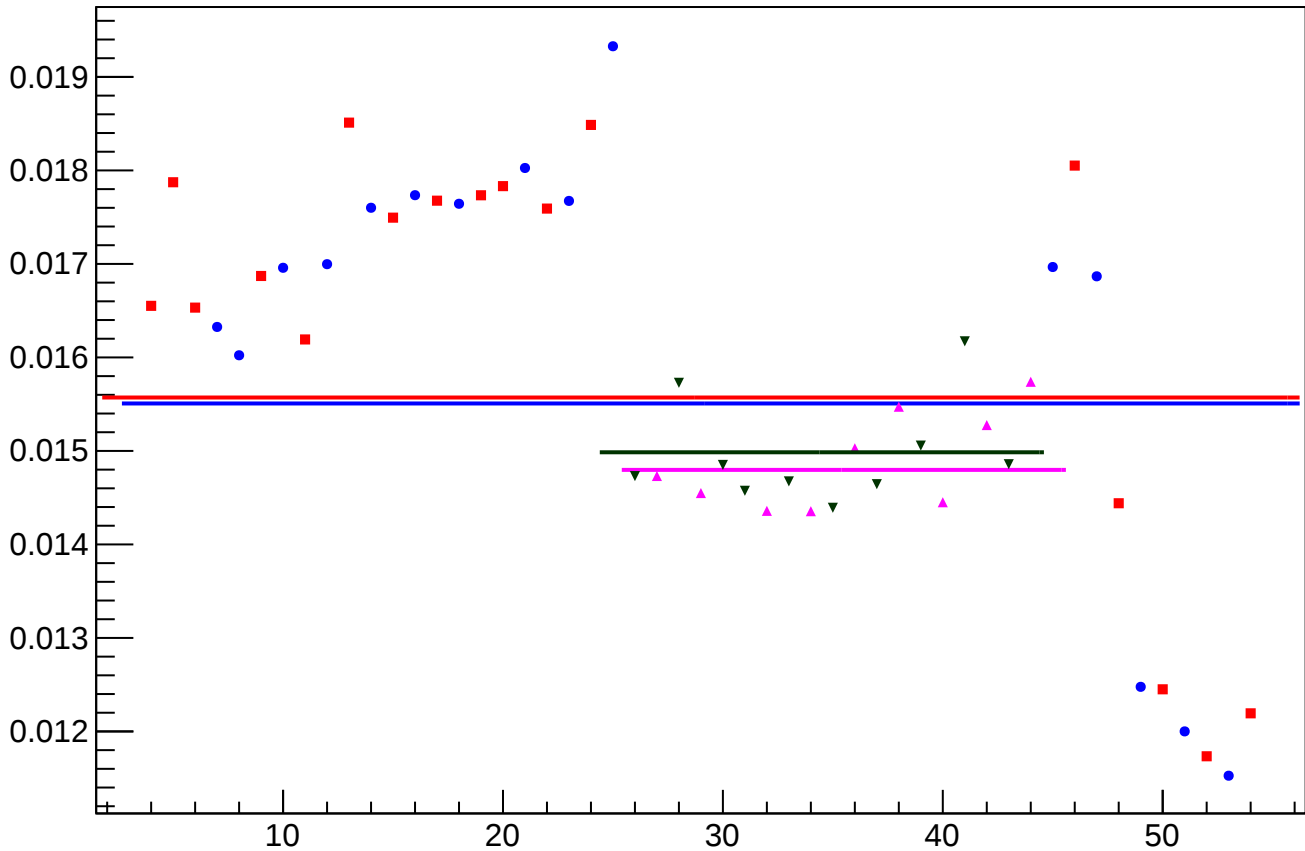
Right Out: -0.412 ± 0.000 $\chi^2/\text{NDF}: 1168430007.4/16$

Left In: -0.194 ± 0.000 $\chi^2/\text{NDF}: 81659796.5/8$

-0.318 ± 0.000 $\chi^2/\text{NDF}: 1978747868.6/24$

-0.320 ± 0.000 $\chi^2/\text{NDF}: 1950982396.7/25$

yield_bpm0l07X_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 465861.1/14

Left Out: 0.015+/-0.000 χ^2/NDF :13214.2/9

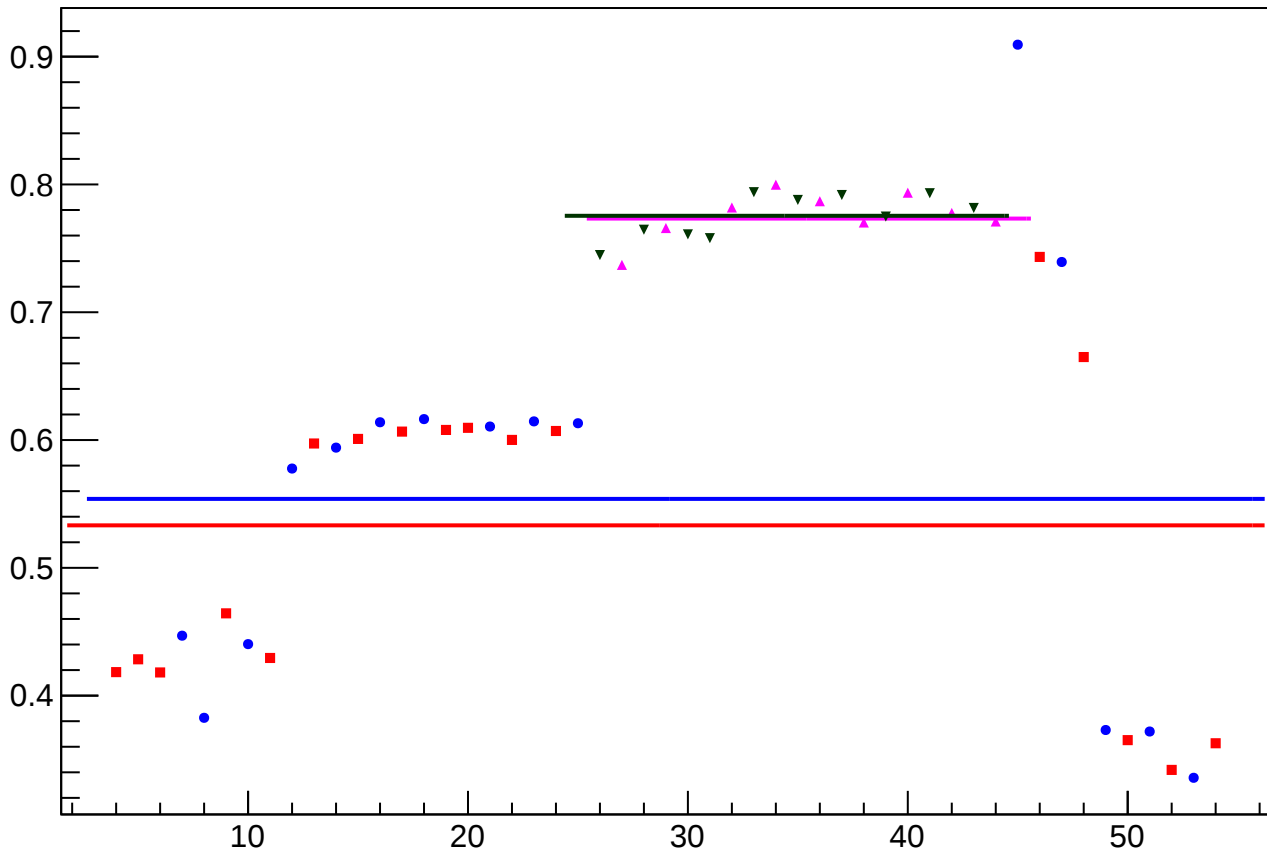
Right Out: 0.016+/-0.000 χ^2/NDF : 441897.2/16

Left In: 0.015+/-0.000 χ^2/NDF :10554.2/8

0.015+/-0.000 χ^2/NDF : 486980.6/24

0.015+/-0.000 χ^2/NDF : 470124.6/25

yield_bpm0l07Y_mean vs slug



Right In: 0.554 $\pm$ 0.000 χ^2 /NDF: 18035775255.1/14

Left Out: 0.775 $\pm$ 0.000 χ^2 /NDF:122038329.5/9

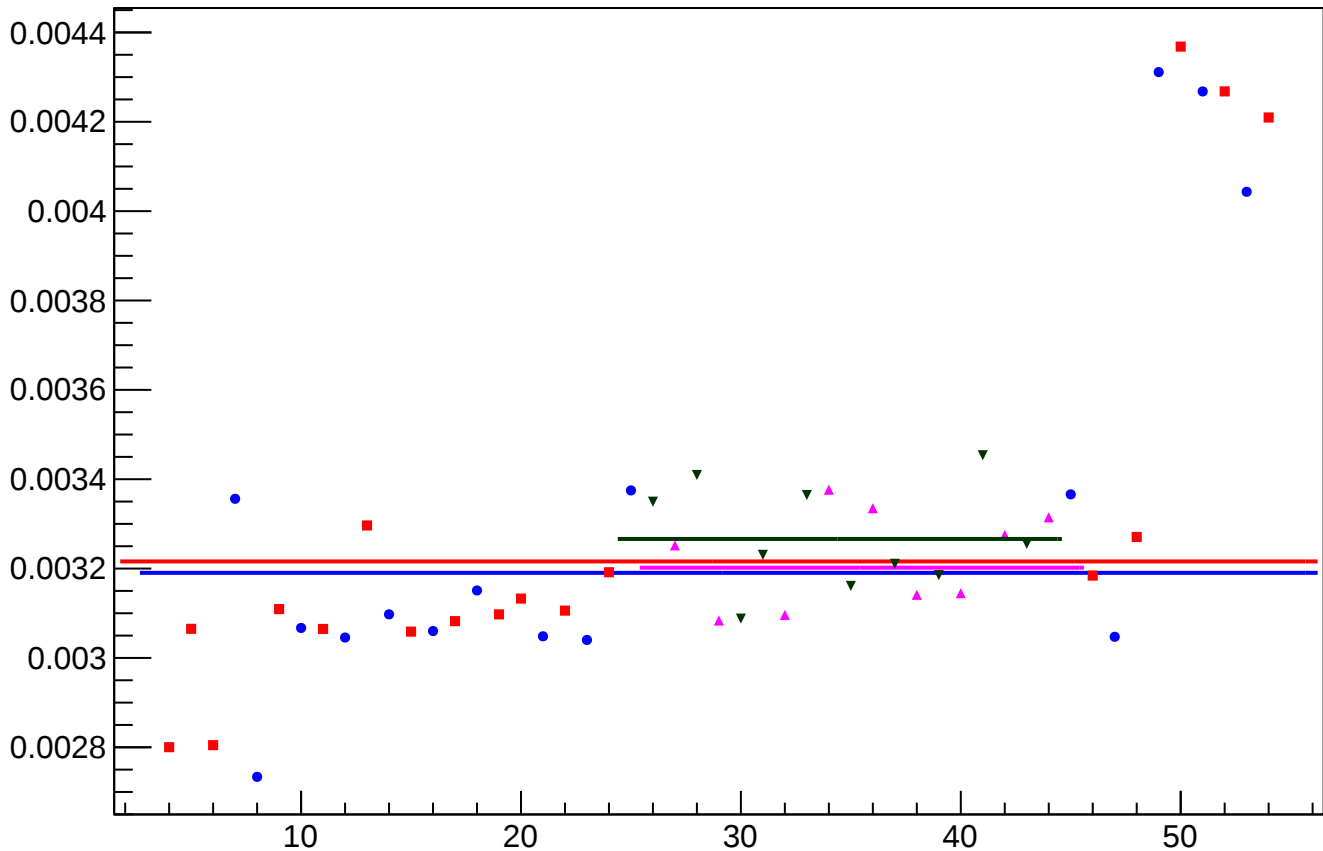
0.632 $\pm$ 0.000 χ^2 /NDF: 33544391395.3/24

Right Out: 0.533 $\pm$ 0.000 χ^2 /NDF: 10125919915.1/16

0.628 $\pm$ 0.000 χ^2 /NDF: 29105552408.0/25

Left In: 0.773 $\pm$ 0.000 χ^2 /NDF:173800769.3/8

yield_bpm0l07Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 287986.3/14

Left Out: 0.003+/-0.000 χ^2/NDF :12873.3/9

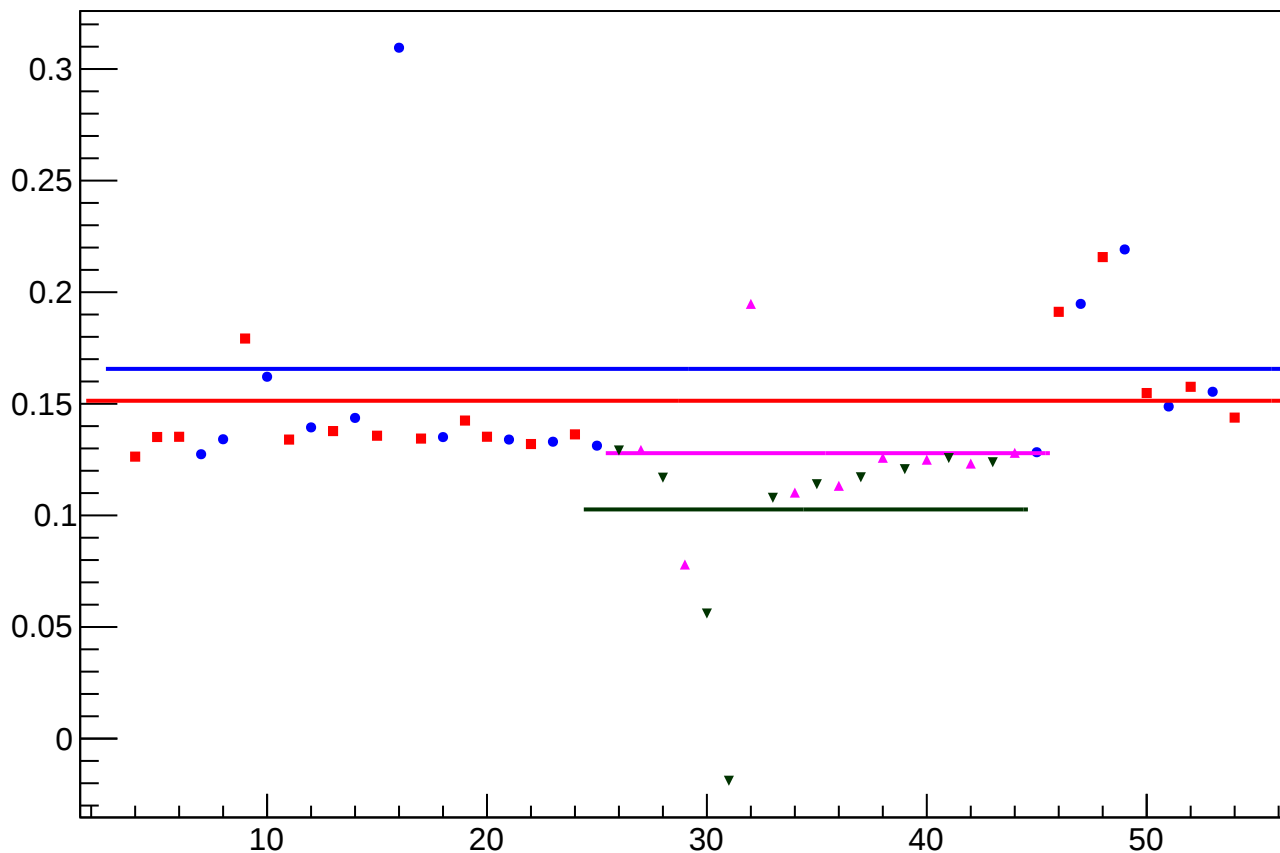
0.003+/-0.000 χ^2/NDF : 304465.9/24

Right Out: 0.003+/-0.000 χ^2/NDF : 247743.2/16

0.003+/-0.000 χ^2/NDF : 259334.0/25

Left In: 0.003+/-0.000 χ^2/NDF :11463.7/8

yield_bpm0l08X_mean vs slug



Right In: 0.166 ± 0.000 $\chi^2/NDF: 91738771.4/14$

Left Out: 0.103 ± 0.000 $\chi^2/NDF: 42575286.2/9$

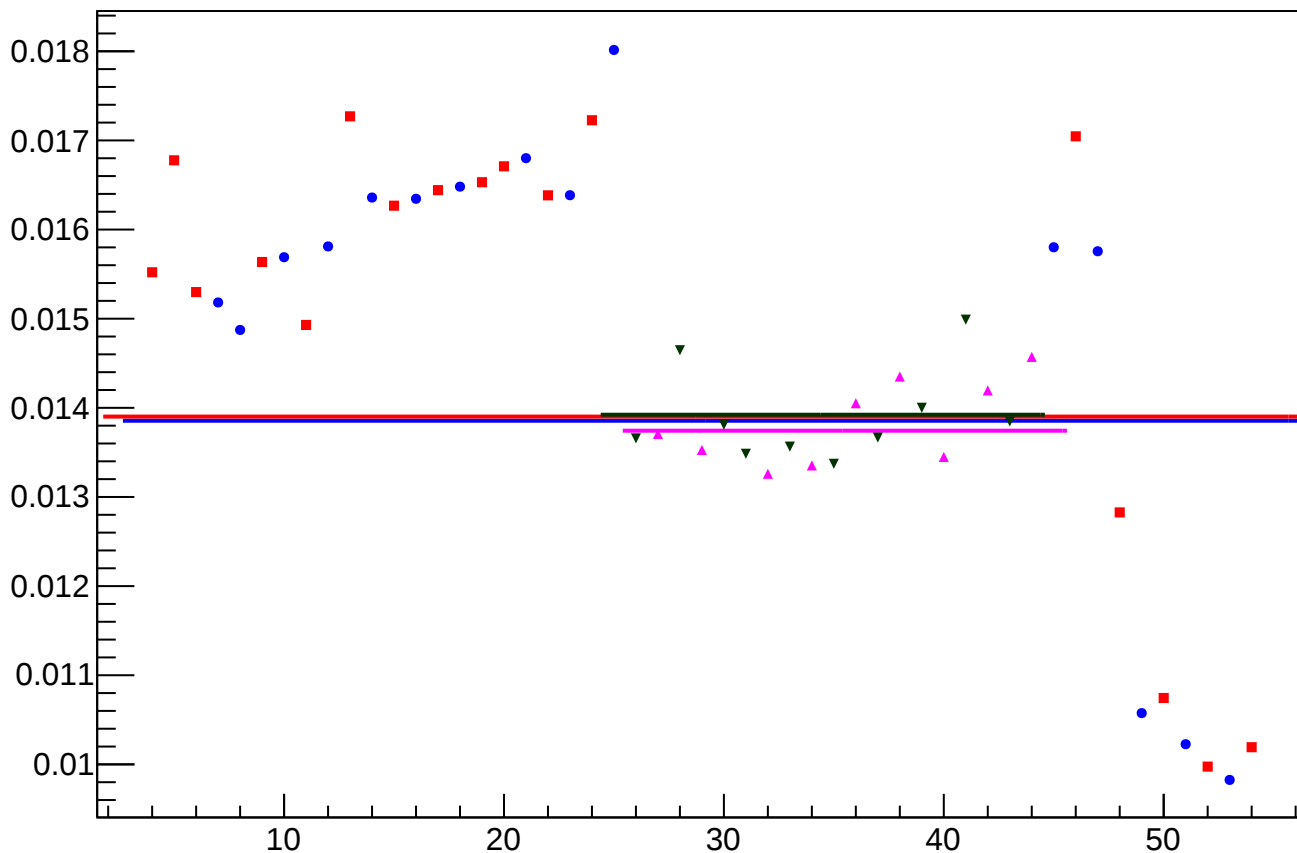
Right Out: 0.151 ± 0.000 $\chi^2/NDF: 22431887.7/16$

Left In: 0.128 ± 0.000 $\chi^2/NDF: 35319224.9/8$

0.142 ± 0.000 $\chi^2/NDF: 202546149.8/24$

0.142 ± 0.000 $\chi^2/NDF: 67404764.7/25$

yield_bpm0l08X_rms vs slug



Right In: 0.014 ± 0.000 χ^2/NDF : 734988.1/14

Left Out: 0.014 ± 0.000 χ^2/NDF : 13410.6/9

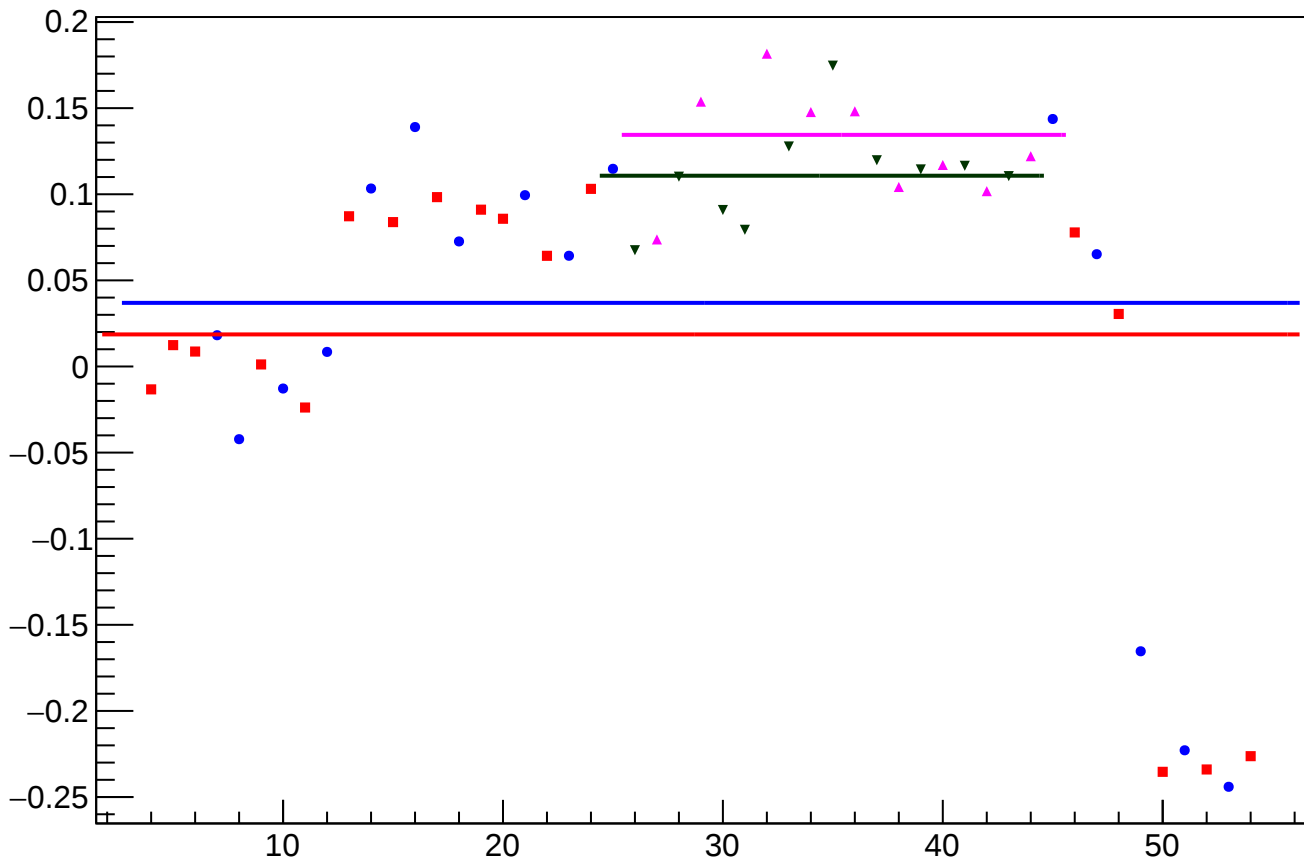
Right Out: 0.014 ± 0.000 χ^2/NDF : 699243.2/16

Left In: 0.014 ± 0.000 χ^2/NDF : 10776.7/8

0.014 ± 0.000 χ^2/NDF : 748554.3/24

0.014 ± 0.000 χ^2/NDF : 710897.8/25

yield_bpm0l08Y_mean vs slug



Right In: 0.037 $\pm$ 0.000 χ^2 /NDF: 7425054605.8/14

Left Out: 0.111 $\pm$ 0.000 χ^2 /NDF:325634113.5/9

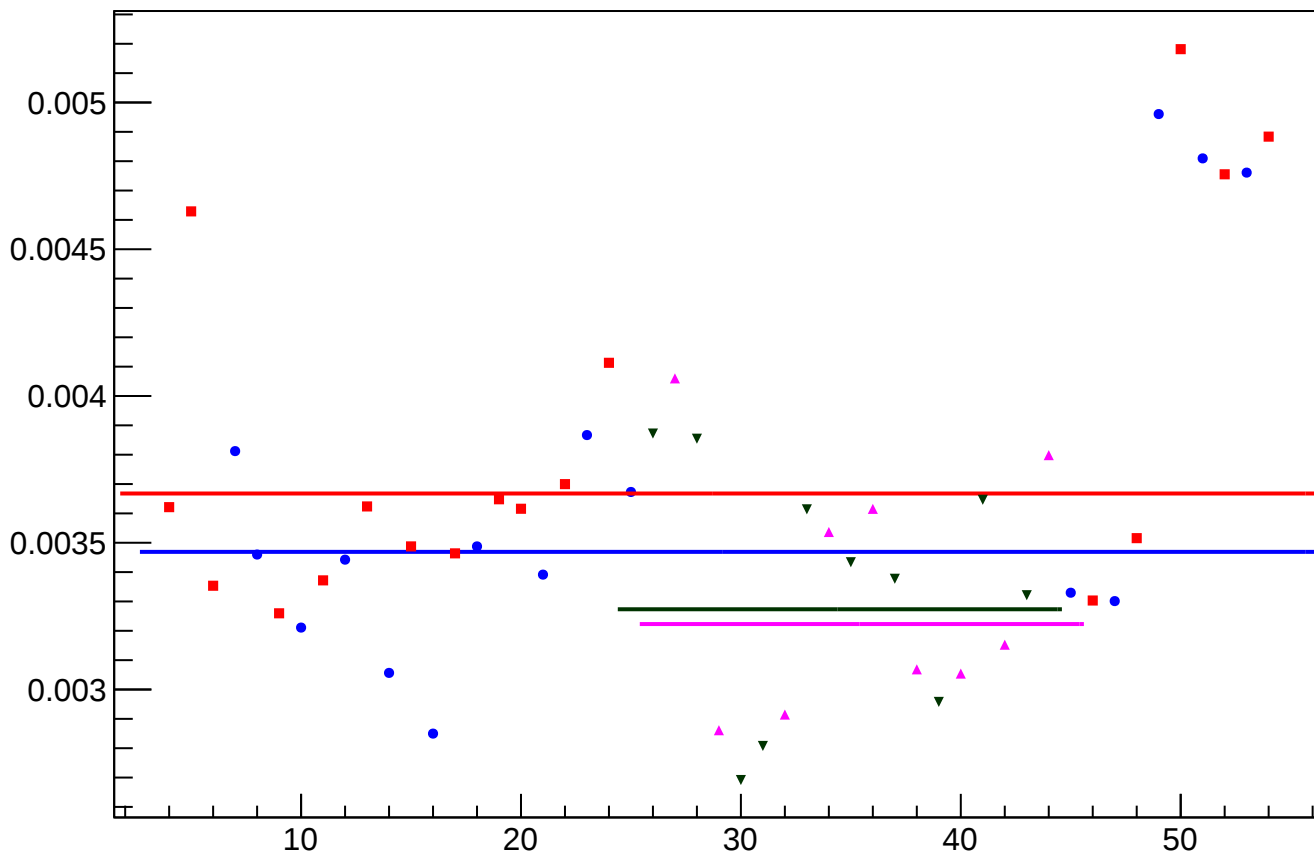
0.066 $\pm$ 0.000 χ^2 /NDF: 9306372365.7/24

Right Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 5701289161.4/16

0.072 $\pm$ 0.000 χ^2 /NDF: 10060108384.7/25

Left In: 0.134 $\pm$ 0.000 χ^2 /NDF:584141111.2/8

yield_bpm0l08Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 420742.5/14

Left Out: 0.003+/-0.000 χ^2/NDF :157067.3/9

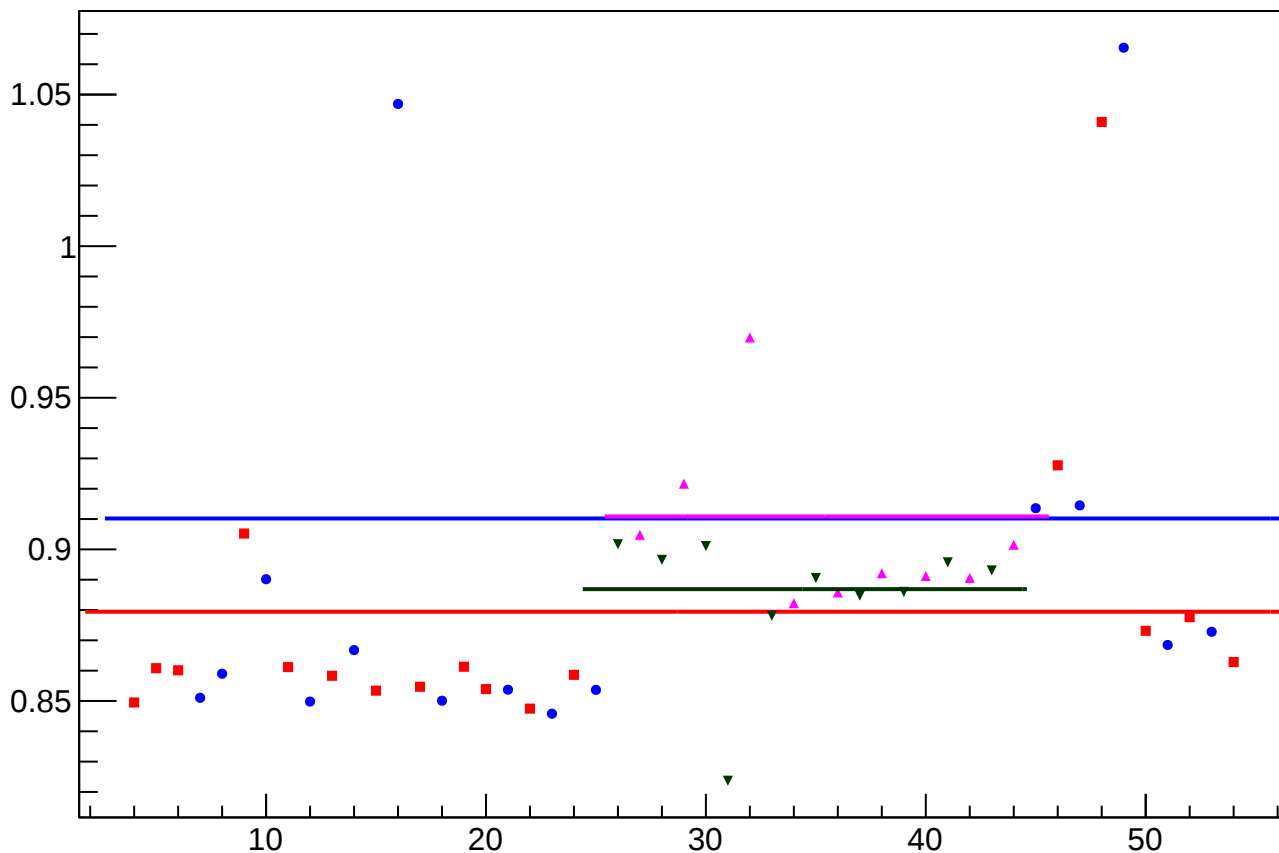
Right Out: 0.004+/-0.000 χ^2/NDF : 293839.3/16

Left In: 0.003+/-0.000 χ^2/NDF :163315.9/8

0.003+/-0.000 χ^2/NDF : 599642.5/24

0.003+/-0.000 χ^2/NDF : 568402.9/25

yield_bpm0l09X_mean vs slug



Right In: 0.910+/-0.000 χ^2/NDF : 304680856.3/14

Left Out: 0.887+/-0.000 χ^2/NDF :10371268.3/9

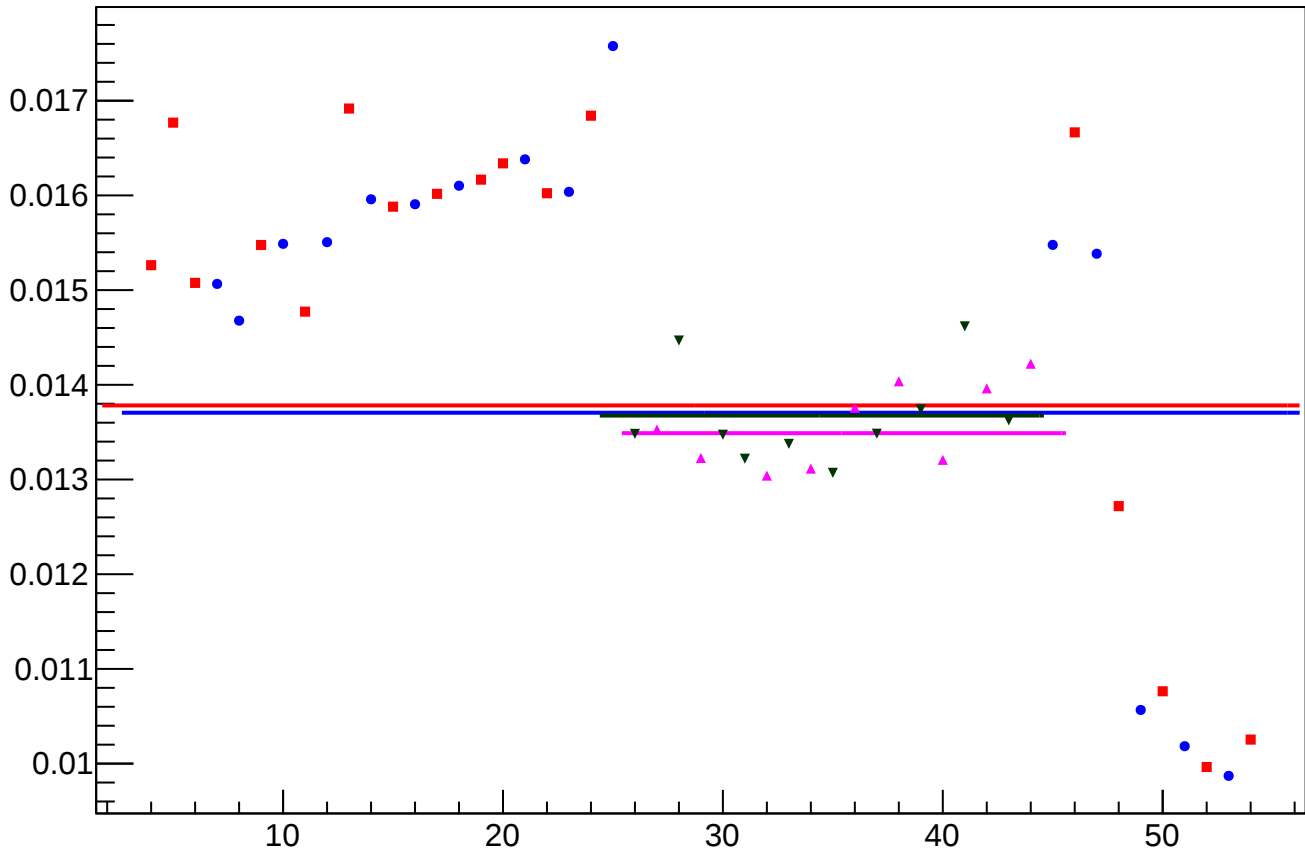
Right Out: 0.879+/-0.000 χ^2/NDF : 91955992.9/16

Left In: 0.911+/-0.000 χ^2/NDF :26013449.3/8

0.901+/-0.000 χ^2/NDF : 324691548.0/24

0.892+/-0.000 χ^2/NDF : 135761826.1/25

yield_bpm0l09X_rms vs slug



Right In: 0.014 ± 0.000 $\chi^2/\text{NDF}: 663001.5/14$

Left Out: 0.014 ± 0.000 $\chi^2/\text{NDF}: 13316.5/9$

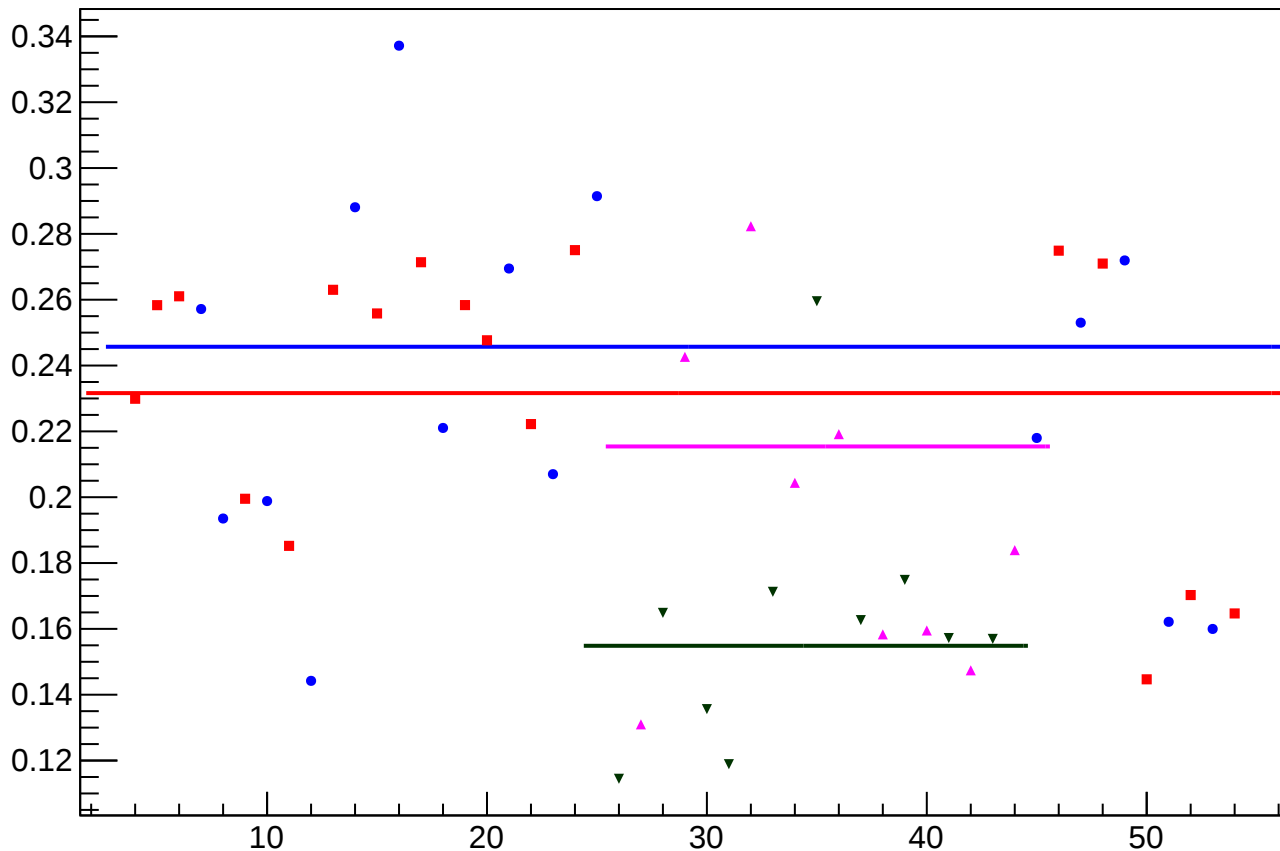
Right Out: 0.014 ± 0.000 $\chi^2/\text{NDF}: 631490.6/16$

Left In: 0.013 ± 0.000 $\chi^2/\text{NDF}: 9868.2/8$

0.014 ± 0.000 $\chi^2/\text{NDF}: 676349.7/24$

0.014 ± 0.000 $\chi^2/\text{NDF}: 644454.8/25$

yield_bpm0l09Y_mean vs slug



Right In: 0.246+/-0.000 χ^2/NDF : 2000672372.6/14

Left Out: 0.155+/-0.000 χ^2/NDF : 491584814.3/9

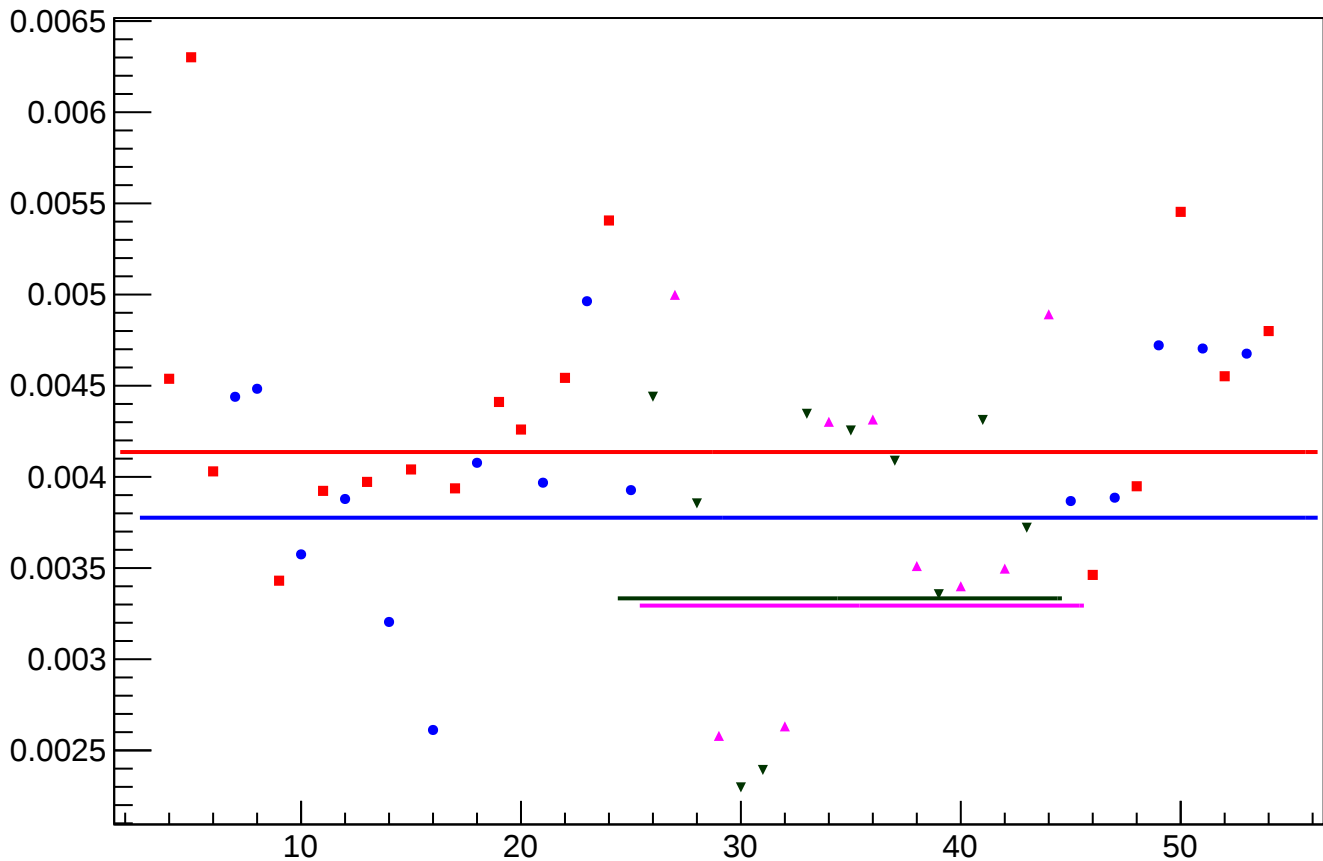
0.208+/-0.000 χ^2/NDF : 4528367065.9/24

Right Out: 0.232+/-0.000 χ^2/NDF : 785260176.7/16

0.224+/-0.000 χ^2/NDF : 2148292109.4/25

Left In: 0.215+/-0.000 χ^2/NDF : 1302153804.0/8

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 560580.4/14

Left Out: 0.003+/-0.000 χ^2/NDF :596508.1/9

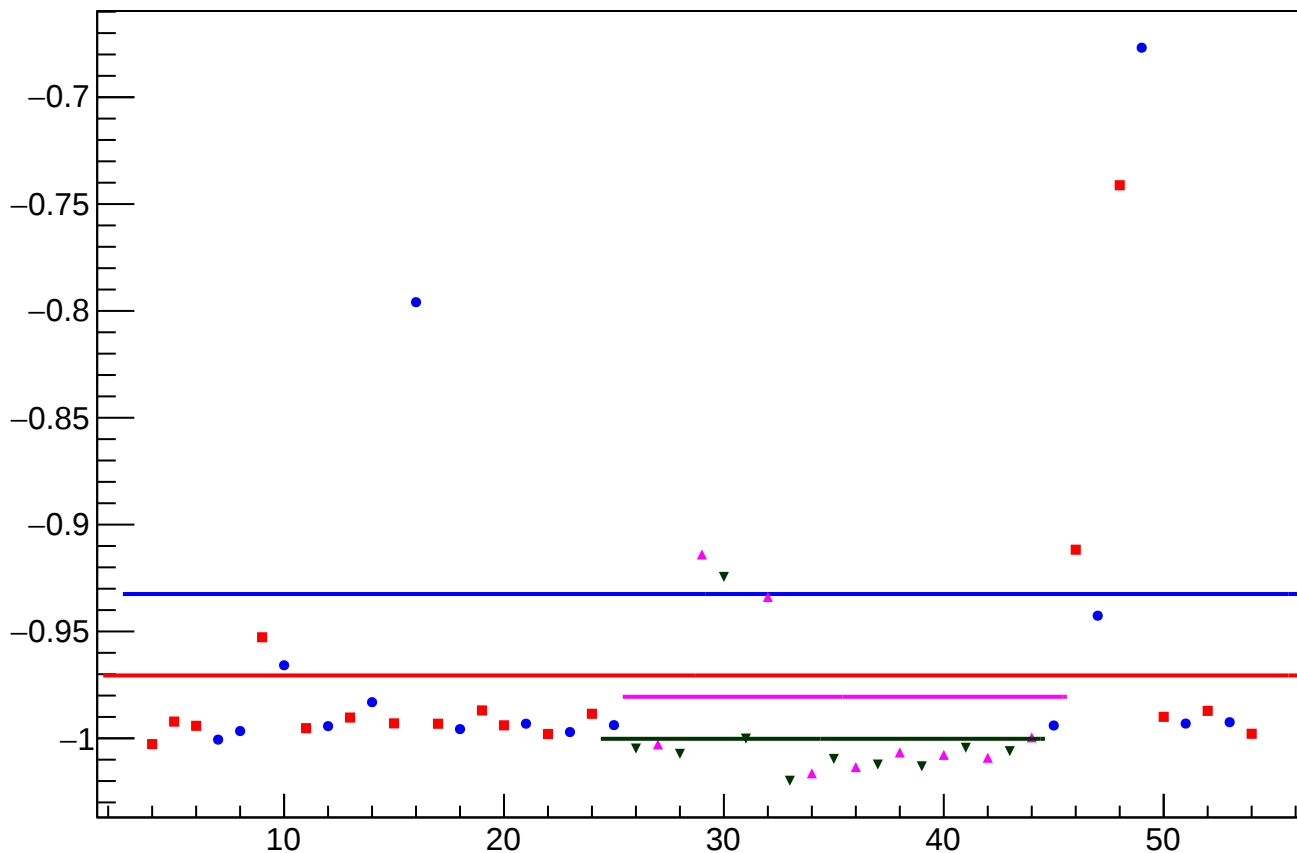
Right Out: 0.004+/-0.000 χ^2/NDF : 287336.9/16

Left In: 0.003+/-0.000 χ^2/NDF :624356.7/8

0.004+/-0.000 χ^2/NDF : 1253626.2/24

0.004+/-0.000 χ^2/NDF : 1240451.4/25

yield_bpm0l10X_mean vs slug



Right In: -0.932+/-0.000 χ^2/NDF : 621915940.5/14

Left Out: -1.000+/-0.000 χ^2/NDF : 20984094.7/9

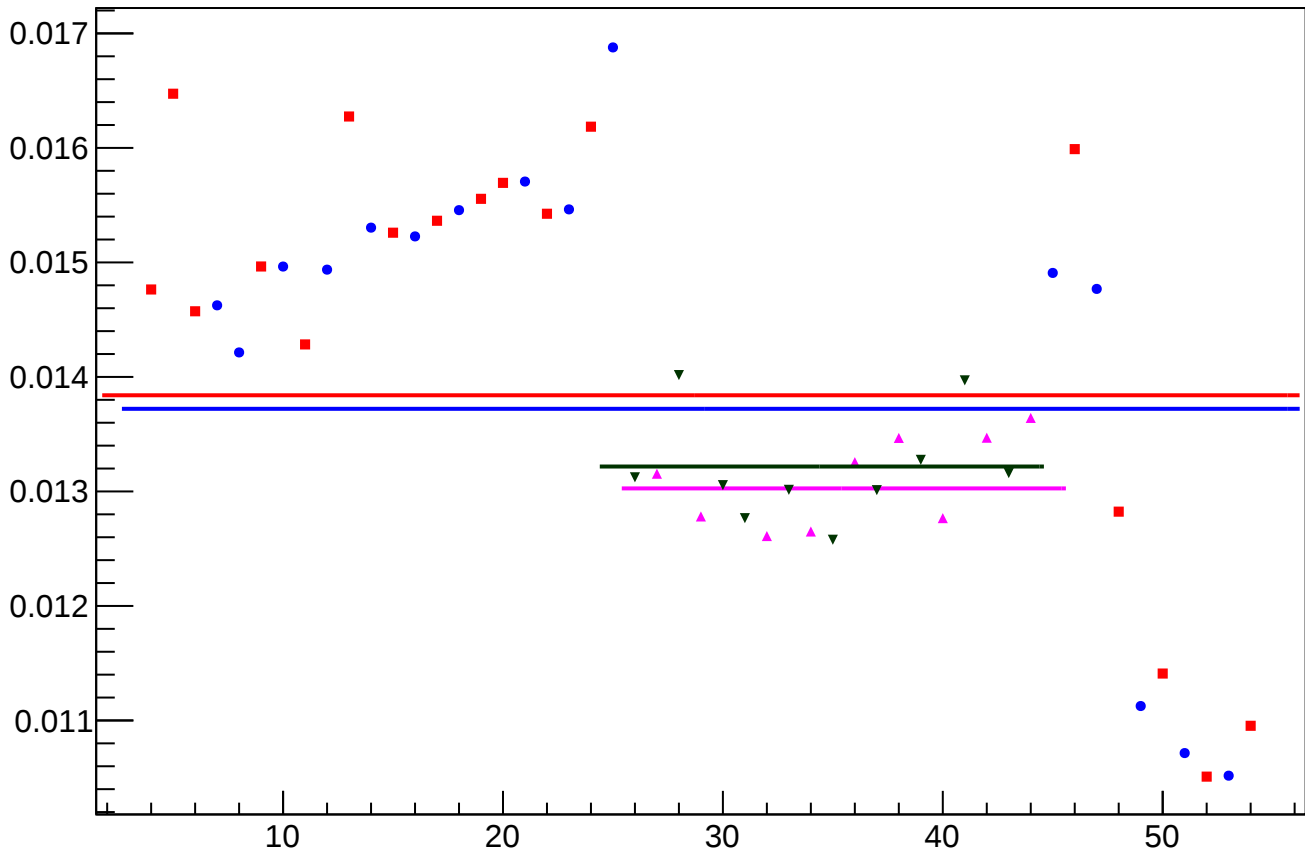
Right Out: -0.971+/-0.000 χ^2/NDF : 172050001.8/16

Left In: -0.981+/-0.000 χ^2/NDF : 51761164.5/8

-0.959+/-0.000 χ^2/NDF : 728107787.2/24

-0.975+/-0.000 χ^2/NDF : 225684685.4/25

yield_bpm0l10X_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 395779.0/14

Left Out: 0.013+/-0.000 χ^2/NDF :12265.8/9

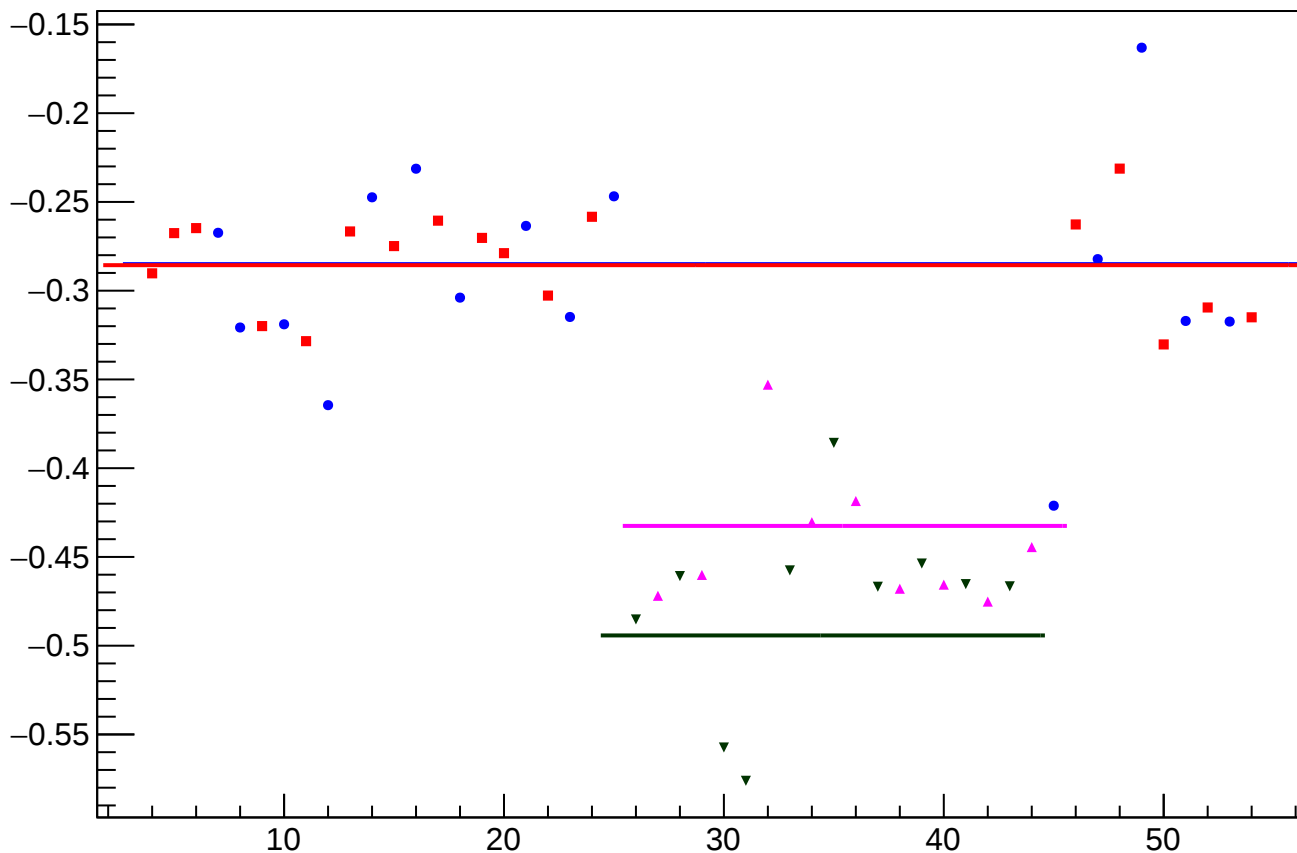
Right Out: 0.014+/-0.000 χ^2/NDF : 381350.9/16

Left In: 0.013+/-0.000 χ^2/NDF :8570.4/8

0.014+/-0.000 χ^2/NDF : 417473.0/24

0.013+/-0.000 χ^2/NDF : 414800.4/25

yield_bpm0l10Y_mean vs slug



Right In: -0.285+/-0.000 χ^2/NDF : 2542213435.5/14

Left Out: -0.494+/-0.000 χ^2/NDF :1568805763.5/9

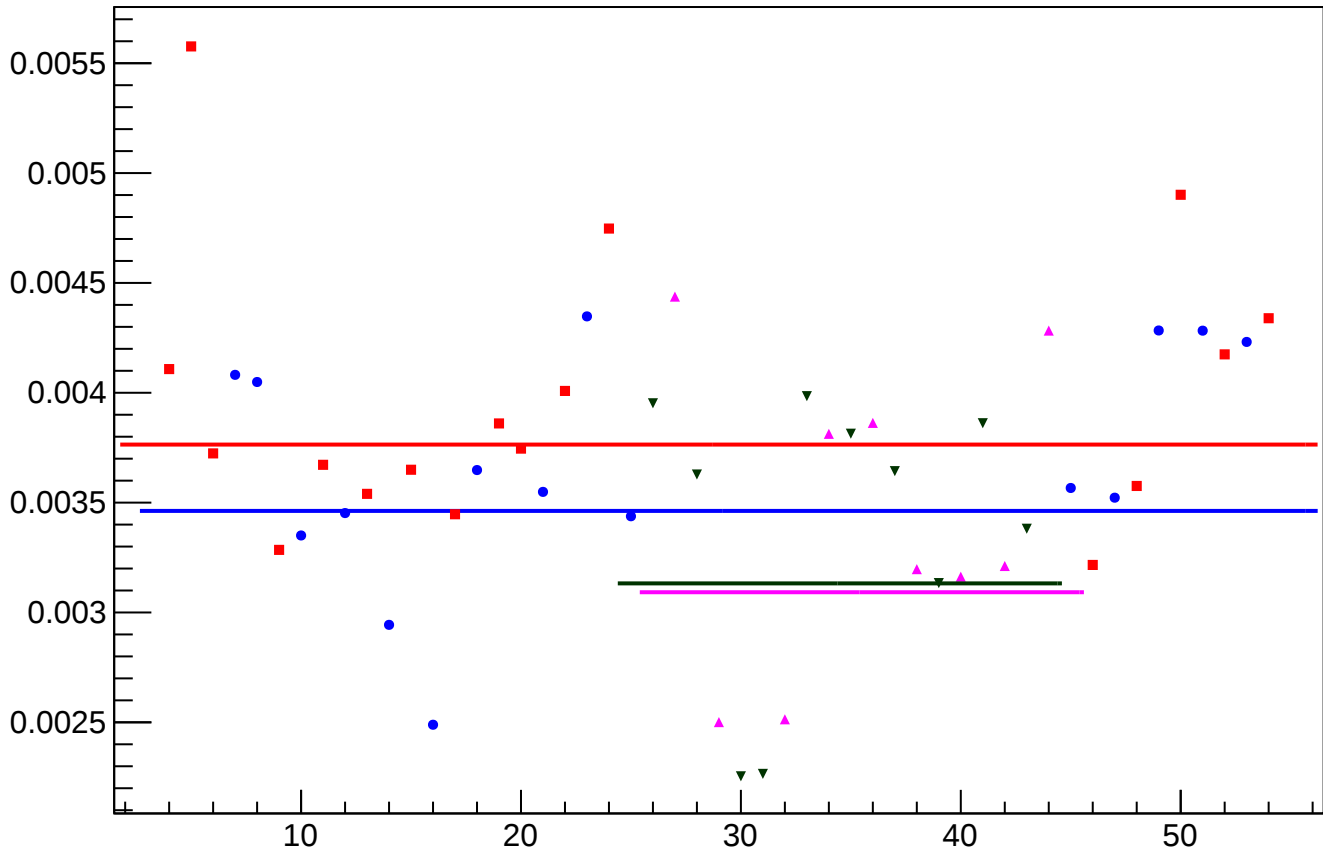
Right Out: -0.286+/-0.000 χ^2/NDF : 480303135.9/16

Left In: -0.433+/-0.000 χ^2/NDF :1186728653.8/8

-0.369+/-0.000 χ^2/NDF : 16822048384.3/24

-0.356+/-0.000 χ^2/NDF : 7624305511.3/25

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 464026.0/14

Left Out: 0.003+/-0.000 χ^2/NDF :463941.8/9

Right Out: 0.004+/-0.000 χ^2/NDF : 232373.0/16

Left In: 0.003+/-0.000 χ^2/NDF :472745.5/8

0.003+/-0.000 χ^2/NDF : 991193.9/24

0.003+/-0.000 χ^2/NDF : 954557.6/25