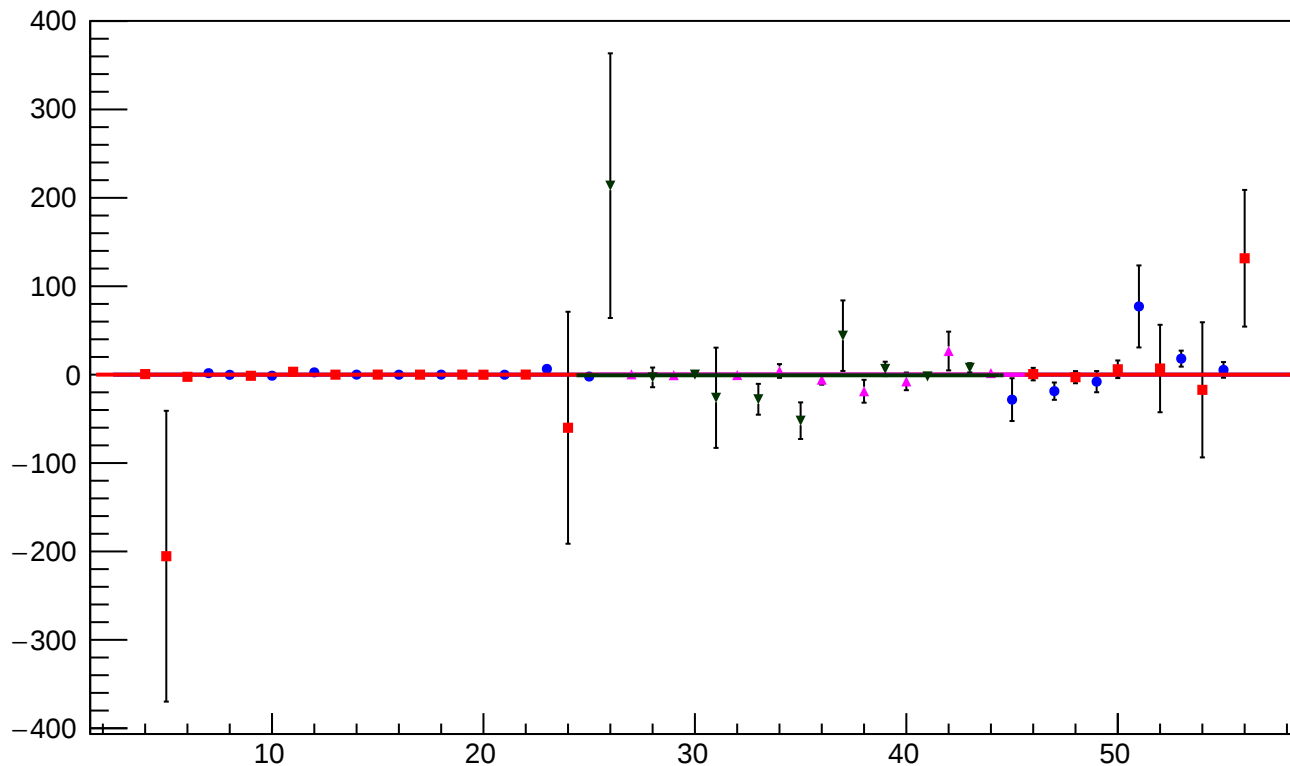


diff_cav4bX_mean vs slug



Right In: -0.014 ± 0.014

Left Out: -0.705 ± 1.554

Right Out: 0.017 ± 0.016

Left In: -0.086 ± 0.168

χ^2/NDF : 30.5/15

χ^2/NDF : 16.1/9

χ^2/NDF : 22.8/17

χ^2/NDF : 15.5/8

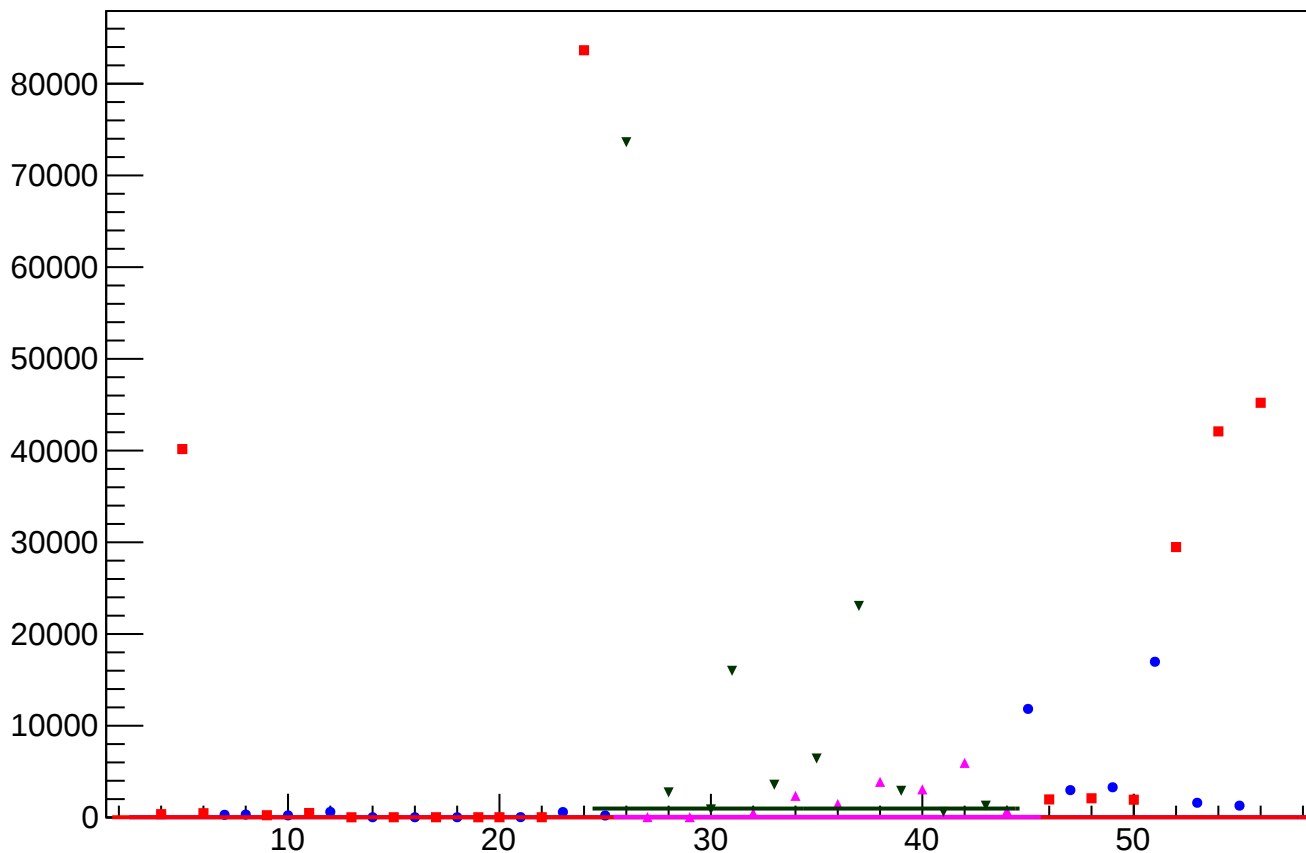
-0.014 ± 0.014

0.016 ± 0.016

χ^2/NDF : 46.8/25

χ^2/NDF : 38.7/26

diff_cav4bX_rms vs slug



Right In: 22.423+/-0.010 χ^2/NDF : 1947297.4/15

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

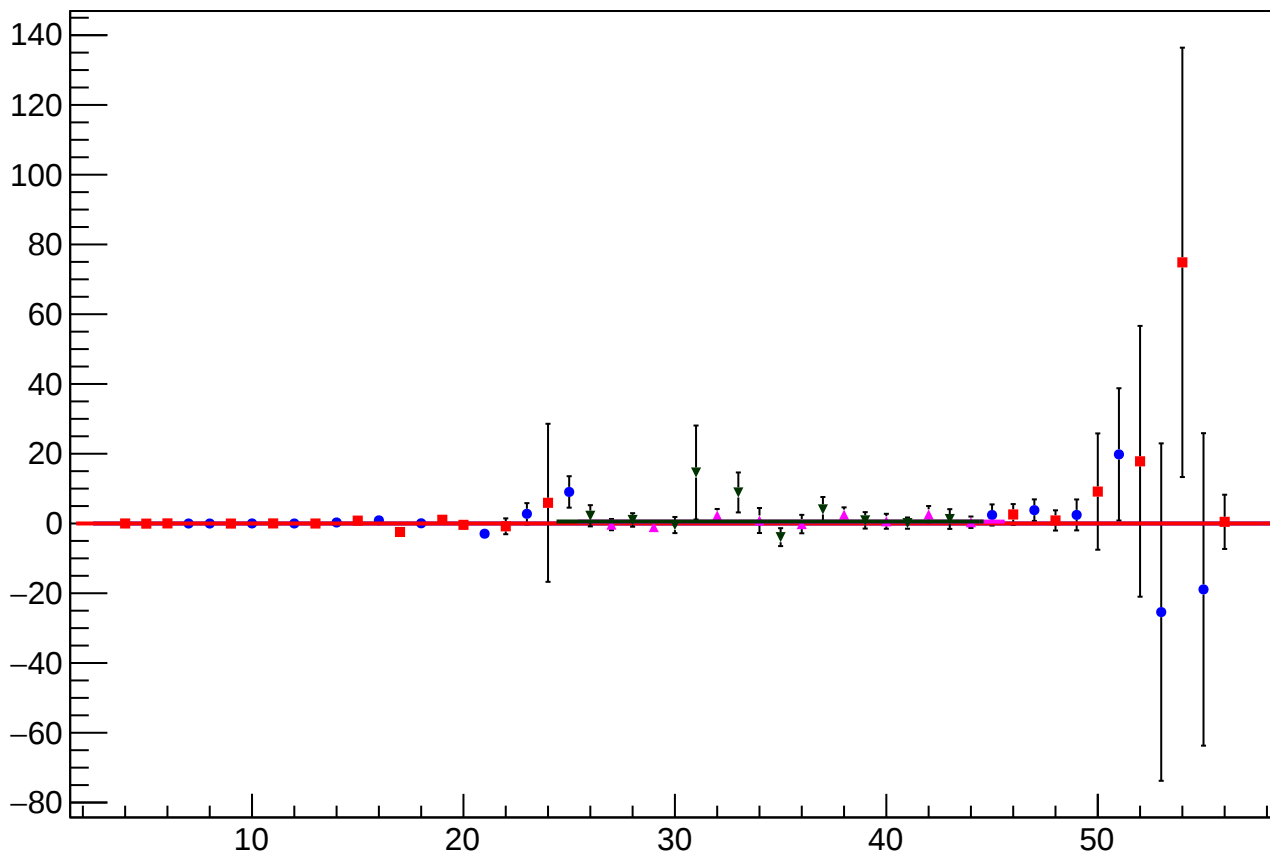
Right Out: 22.609+/-0.011 χ^2/NDF : 3813946.6/17

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

22.503+/-0.010 χ^2/NDF : 4337363.0/25

22.964+/-0.011 χ^2/NDF : 5492578.3/26

diff_cav4bY_mean vs slug



Right In: -0.001+/-0.006 χ^2 /NDF: 22.2/15

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

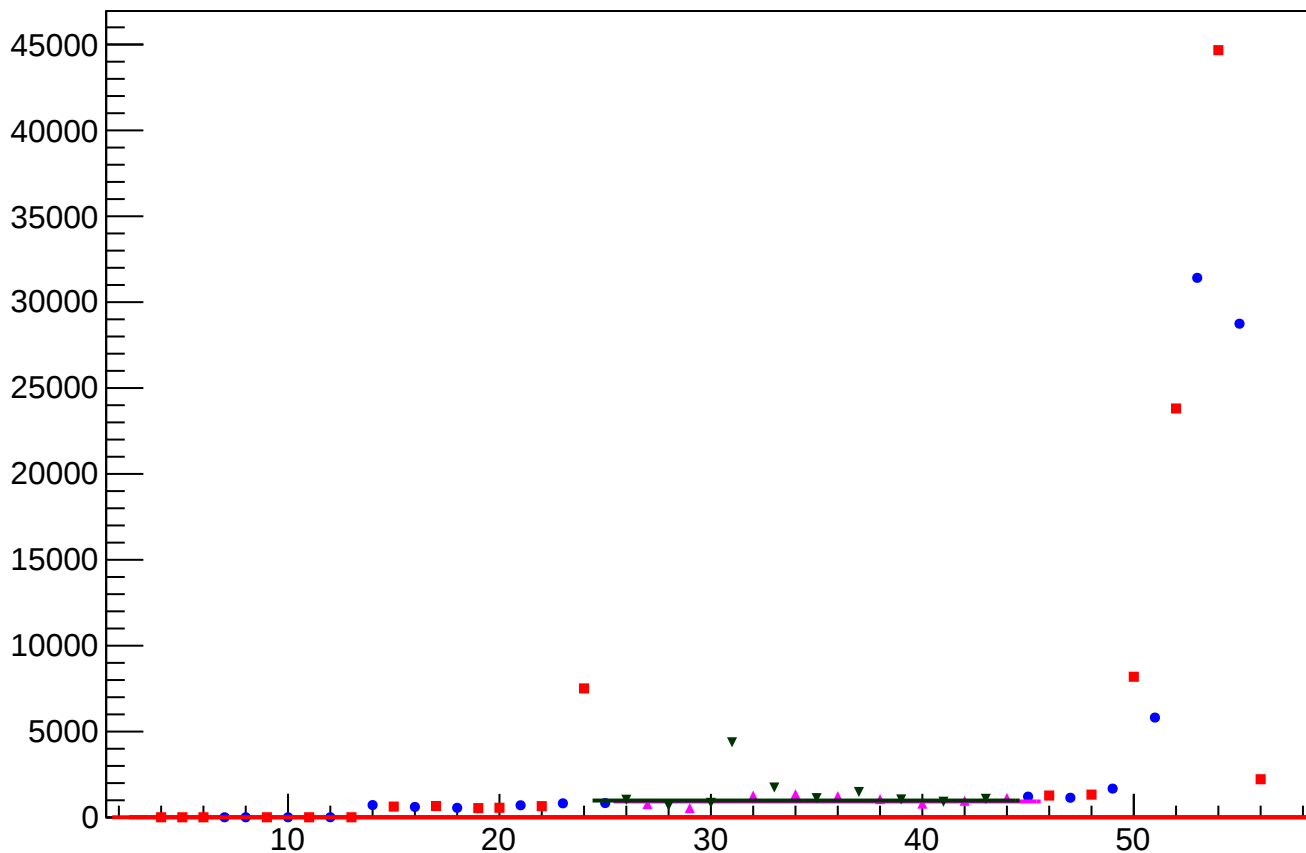
Right Out: 0.002+/-0.005 χ^2 /NDF: 19.8/17

Left In: 0.538+/-0.640 χ^2 /NDF:4.3/8

-0.001+/-0.006 χ^2 /NDF: 30.6/25

0.002+/-0.005 χ^2 /NDF: 24.8/26

diff_cav4bY_rms vs slug



Right In: 10.506+/-0.005 χ^2 /NDF: 7000683.9/15

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

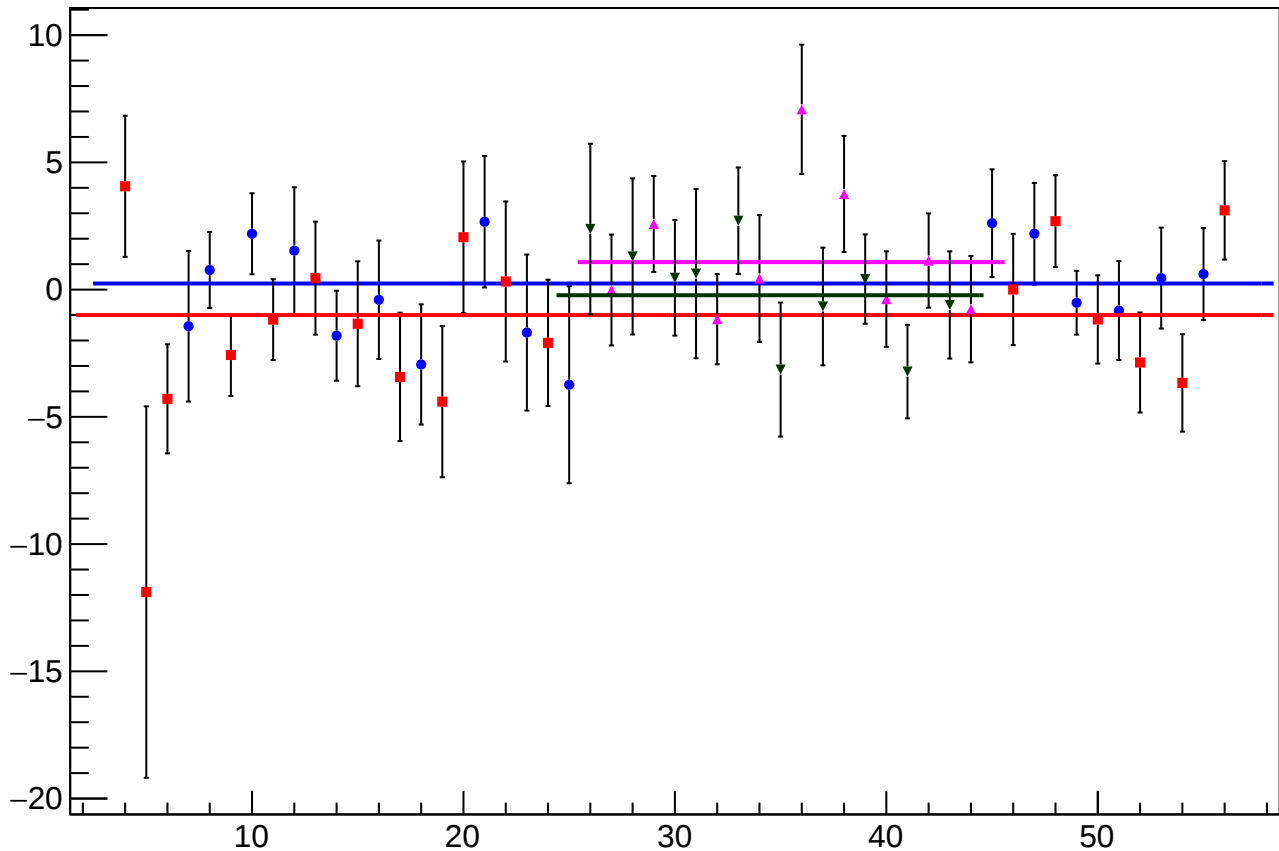
Right Out: 10.086+/-0.004 χ^2 /NDF: 5788696.1/17

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

10.568+/-0.005 χ^2 /NDF: 10150809.4/25

10.152+/-0.004 χ^2 /NDF: 10263830.9/26

diff_cav4cX_mean vs slug



Right In: 0.240 ± 0.496 χ^2/NDF : 10.7/15

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

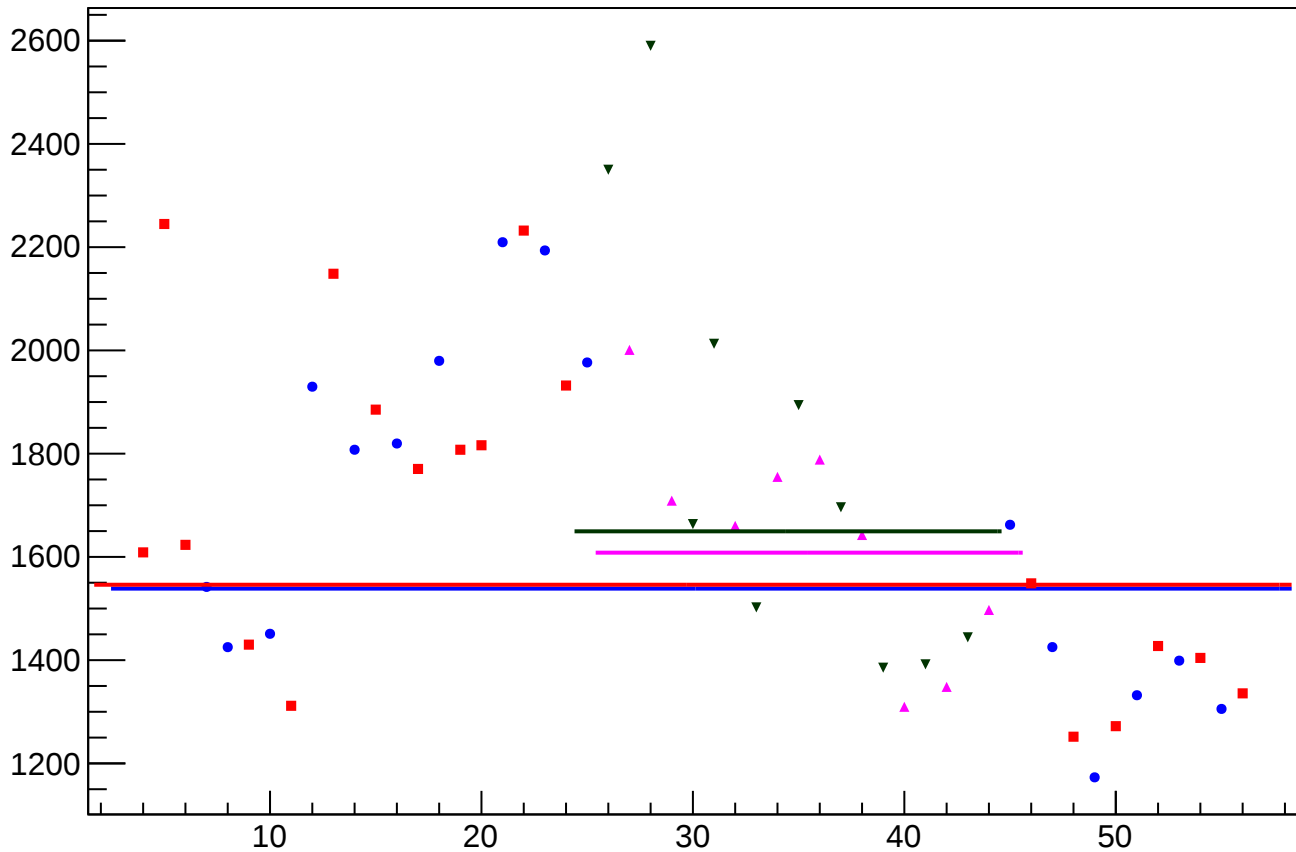
Right Out: -0.999 ± 0.512 χ^2/NDF : 24.7/17

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

0.094 ± 0.410 χ^2/NDF : 18.1/25

-0.255 ± 0.410 χ^2/NDF : 41.5/26

diff_cav4cX_rms vs slug



Right In: 1538.586+/-0.351 χ^2 /NDF: 713011.6/15

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

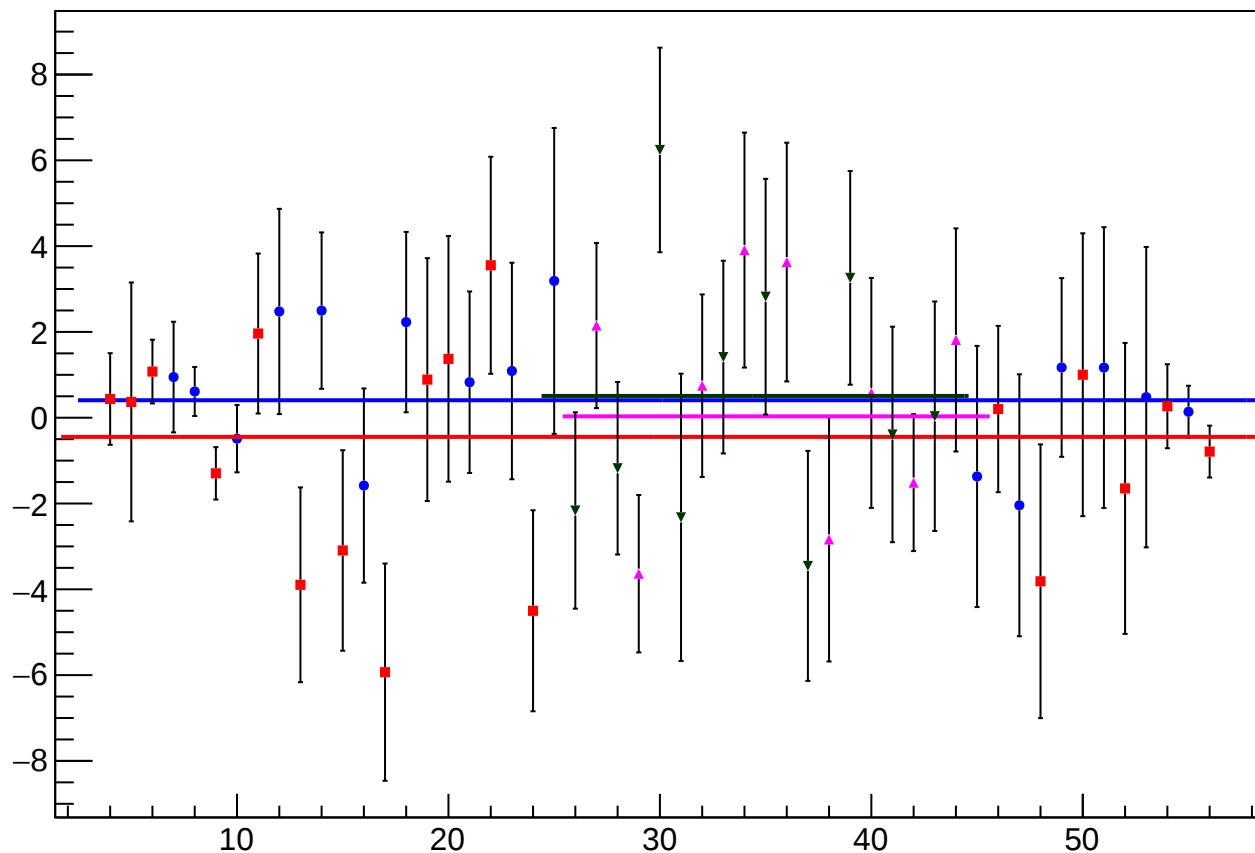
1573.768+/-0.290 χ^2 /NDF: 1175676.5/25

Right Out: 1546.094+/-0.362 χ^2 /NDF: 597620.6/17

1568.326+/-0.290 χ^2 /NDF: 793753.7/26

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

diff_cav4cY_mean vs slug



Right In: 0.408 ± 0.316 $\chi^2/\text{NDF}: 7.3/15$

Left Out: 0.508 ± 0.783 $\chi^2/\text{NDF}: 13.0/9$

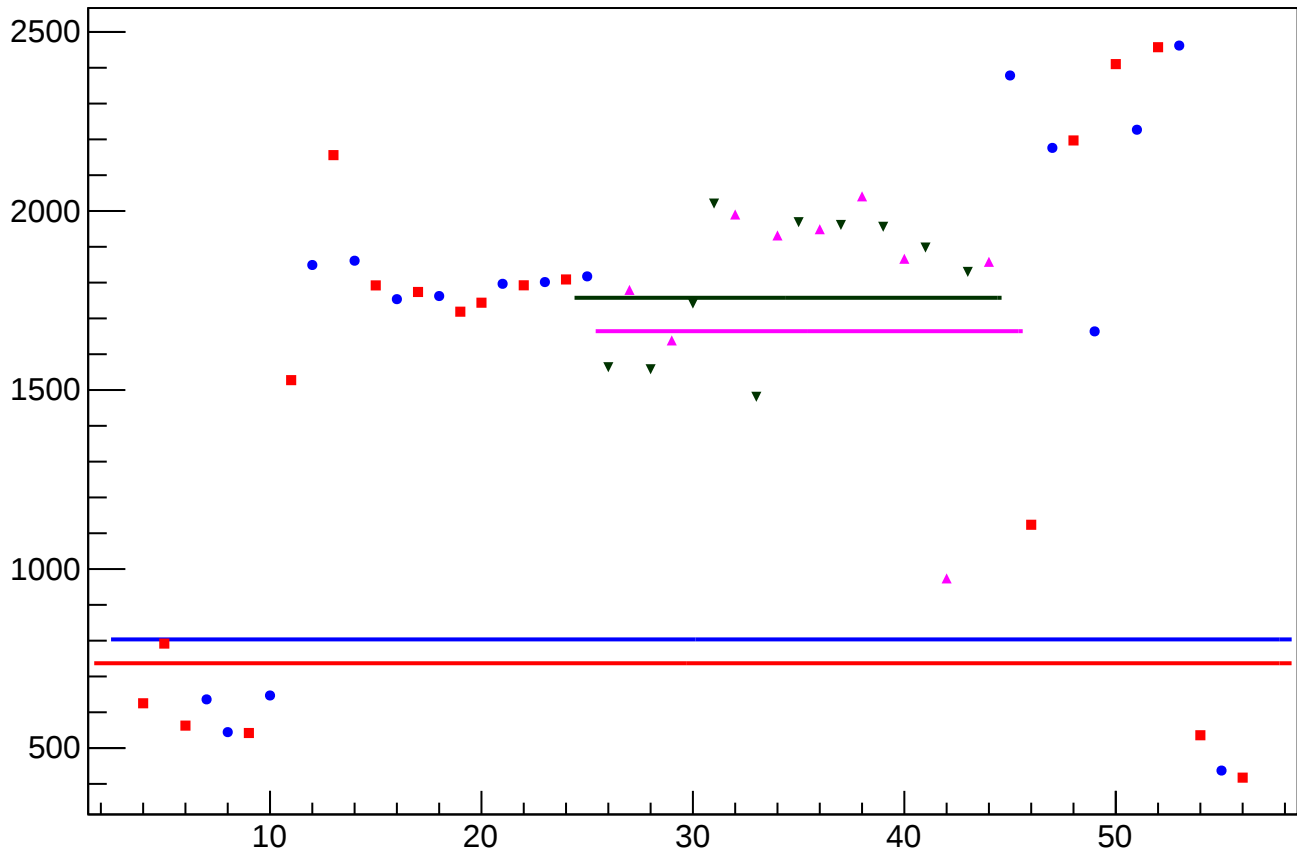
Right Out: -0.447 ± 0.298 $\chi^2/\text{NDF}: 25.4/17$

Left In: 0.032 ± 0.735 $\chi^2/\text{NDF}: 11.5/8$

0.422 ± 0.293 $\chi^2/\text{NDF}: 20.3/25$

-0.379 ± 0.276 $\chi^2/\text{NDF}: 37.2/26$

diff_cav4cY_rms vs slug



Right In: 803.509+/-0.224 χ^2/NDF : 6101585.8/15

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

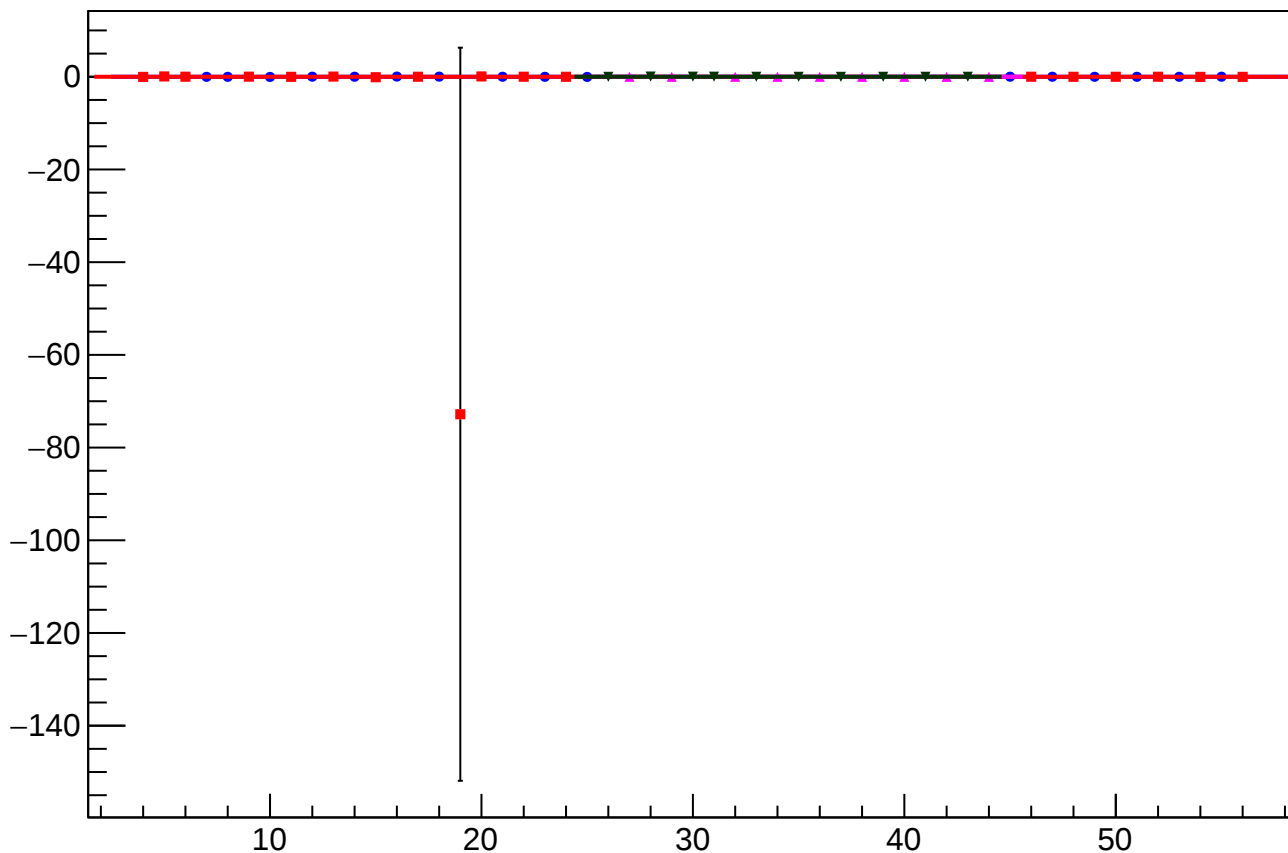
Right Out: 736.923+/-0.211 χ^2/NDF : 5646443.9/17

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

937.561+/-0.207 χ^2/NDF : 8776901.0/25

868.319+/-0.196 χ^2/NDF : 8909372.3/26

diff_cav4dX_mean vs slug



Right In: 0.002 $\pm$ 0.004 χ^2 /NDF: 10.2/15

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

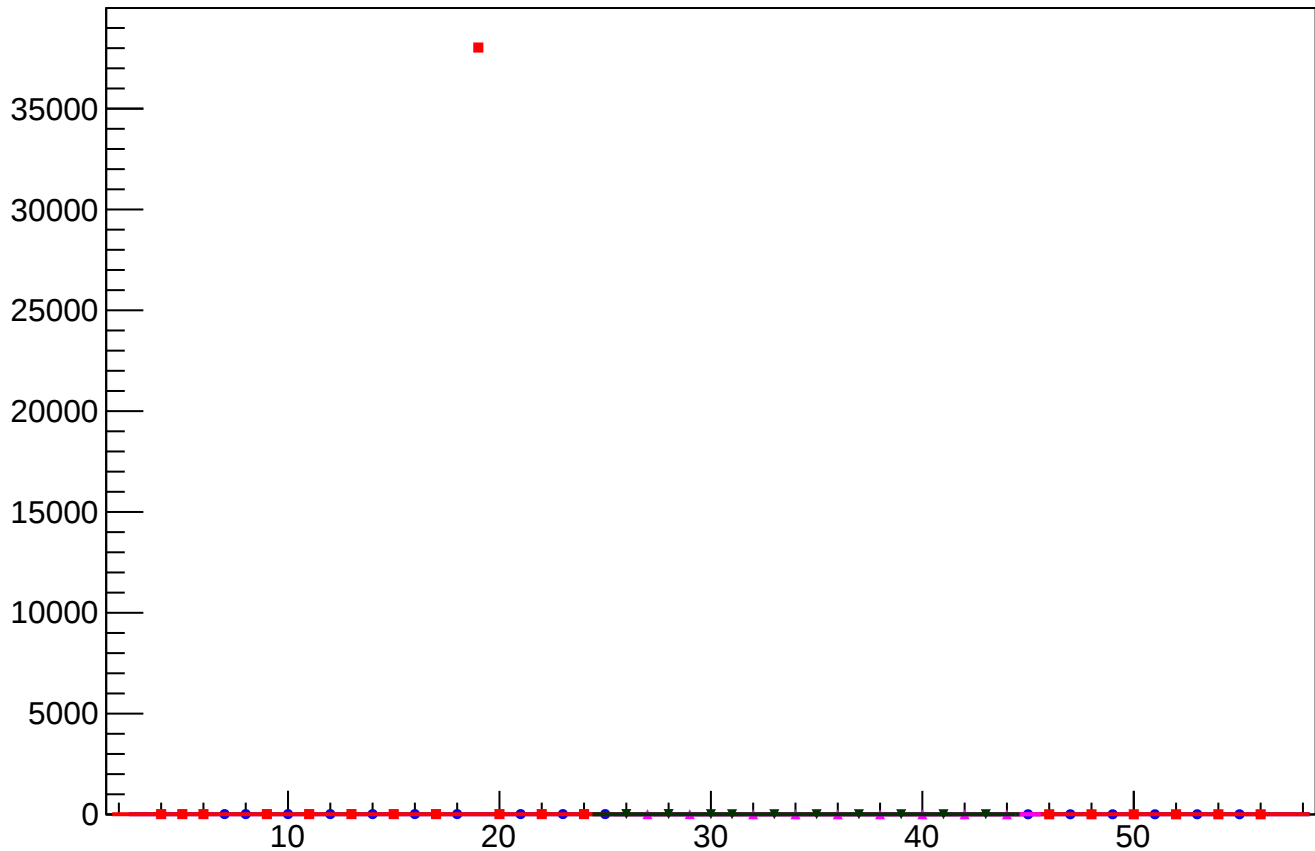
Right Out: 0.001 $\pm$ 0.004 χ^2 /NDF: 19.3/17

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

0.002 $\pm$ 0.003 χ^2 /NDF: 18.9/25

-0.001 $\pm$ 0.003 χ^2 /NDF: 21.0/26

diff_cav4dX_rms vs slug



Right In: 11.108 $\pm$ 0.003 χ^2 /NDF: 1806945.0/15

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

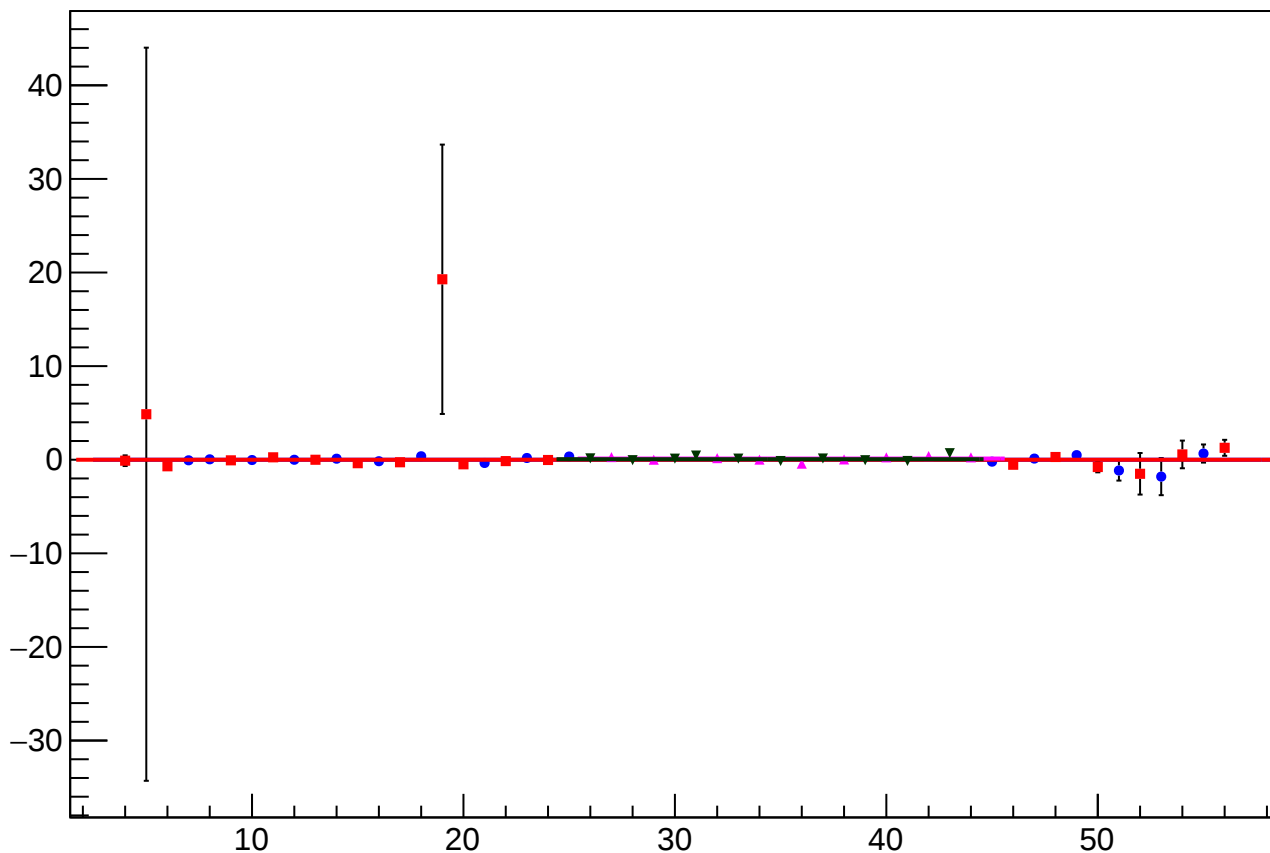
Right Out: 11.369 $\pm$ 0.003 χ^2 /NDF: 2184549.7/17

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

10.251 $\pm$ 0.002 χ^2 /NDF: 2580463.6/25

10.308 $\pm$ 0.002 χ^2 /NDF: 3164496.4/26

diff_cav4dY_mean vs slug



Right In: -0.003 $\pm$ 0.003 χ^2 /NDF: 20.7/15

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

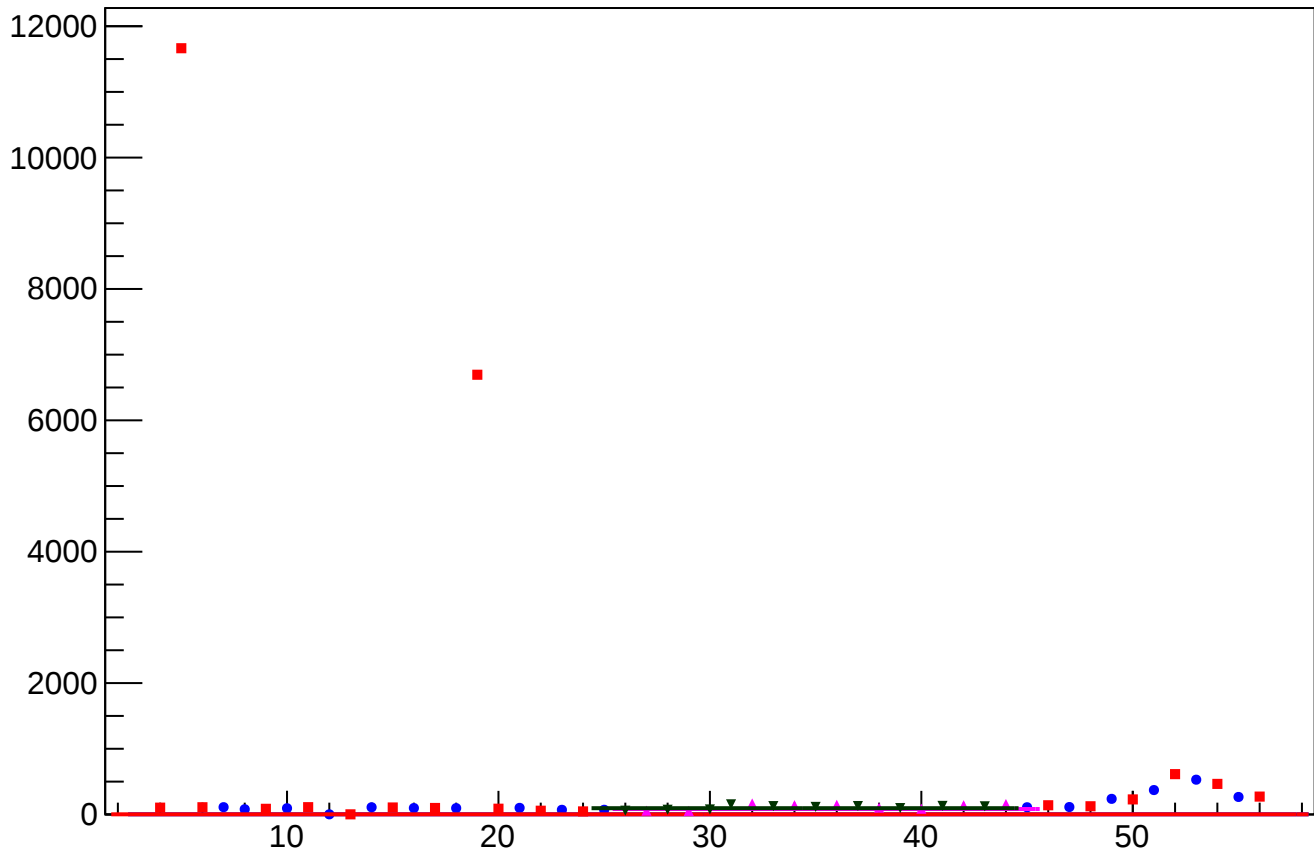
Right Out: -0.003 $\pm$ 0.003 χ^2 /NDF: 21.0/17

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

-0.002 $\pm$ 0.003 χ^2 /NDF: 33.2/25

-0.002 $\pm$ 0.003 χ^2 /NDF: 36.6/26

diff_cav4dY_rms vs slug



Right In: 2.211+/-0.002 χ^2/NDF : 8381021.3/15

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

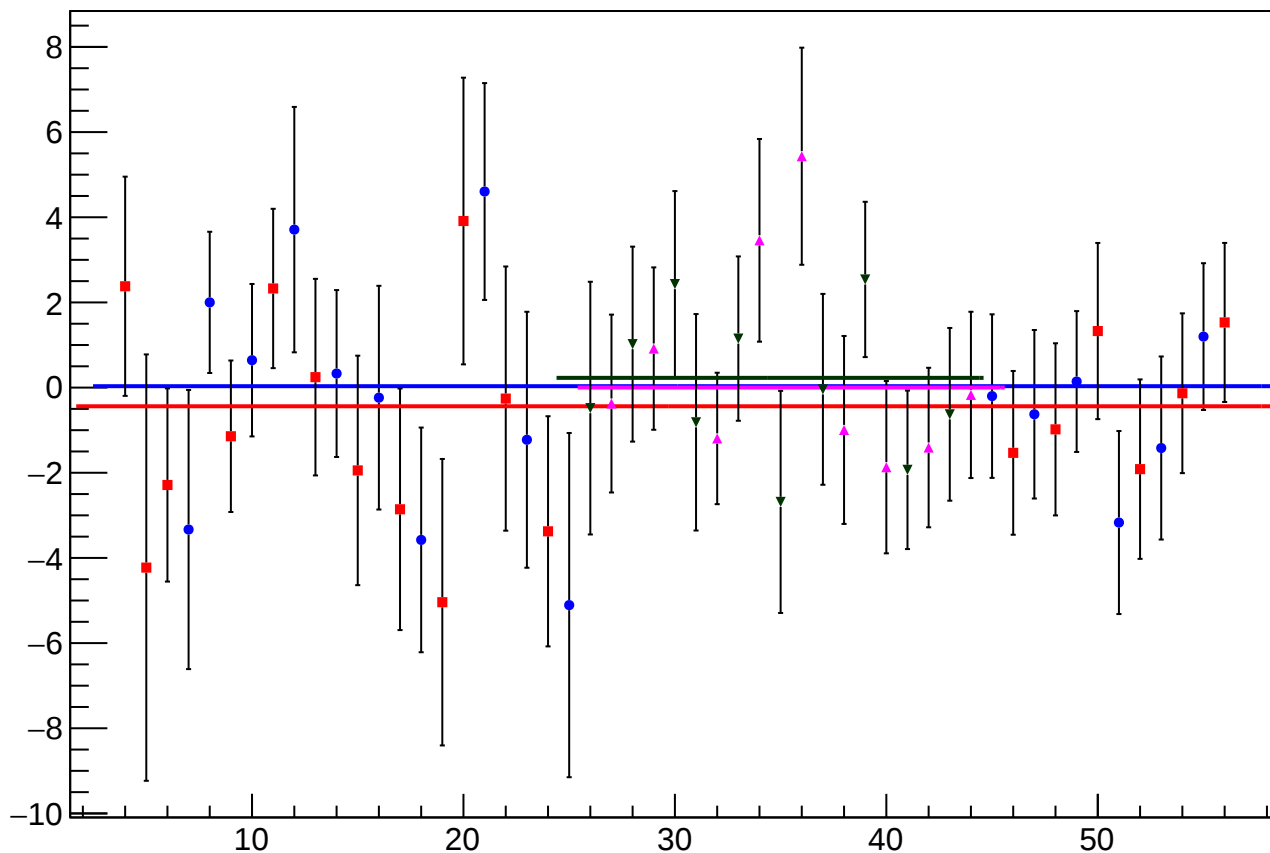
2.472+/-0.002 χ^2/NDF : 13958683.4/25

Right Out: 2.100+/-0.002 χ^2/NDF : 5955966.3/17

2.359+/-0.002 χ^2/NDF : 11618456.5/26

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

diff_bpm4aX_mean vs slug



Right In: 0.033 ± 0.540 χ^2/NDF : 14.4/15

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

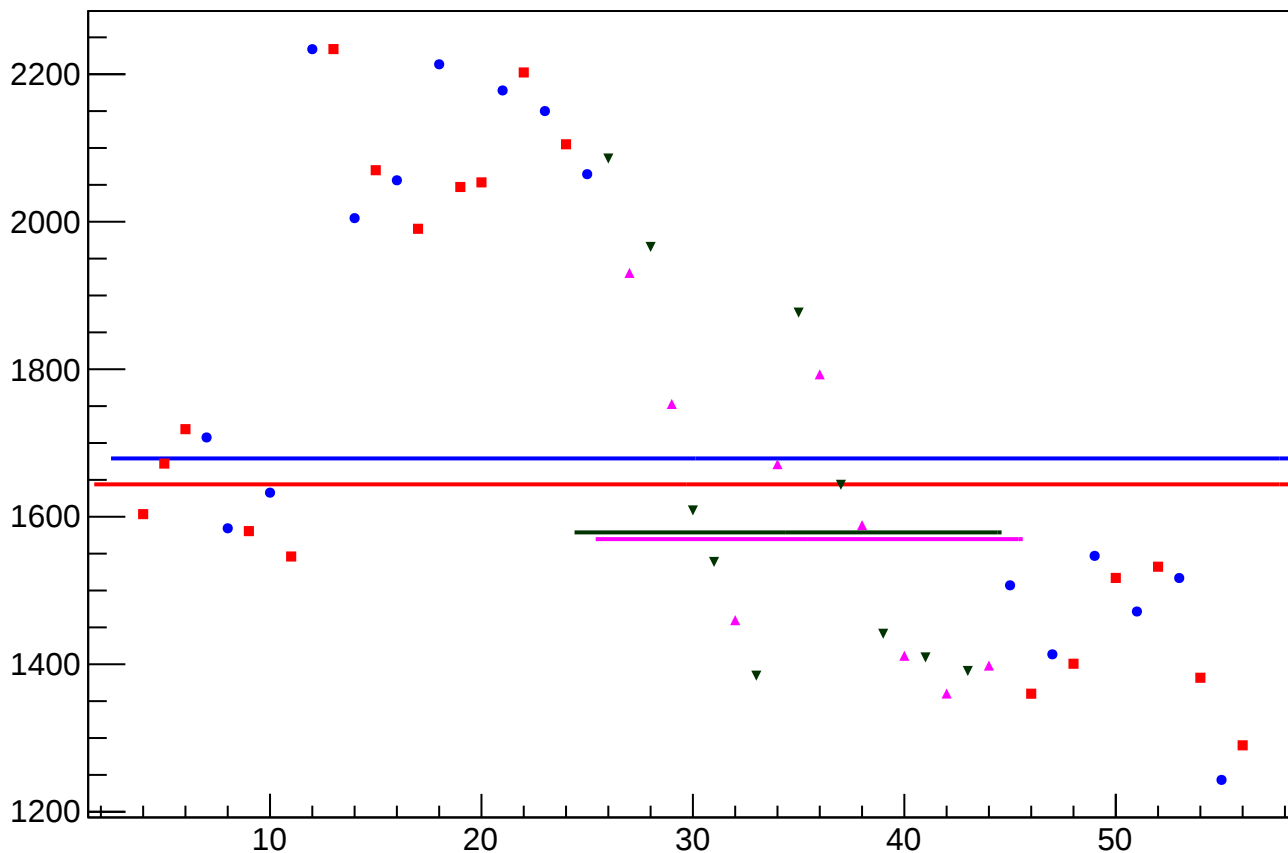
Right Out: -0.439 ± 0.542 χ^2/NDF : 13.4/17

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

0.108 ± 0.425 χ^2/NDF : 20.4/25

-0.263 ± 0.421 χ^2/NDF : 22.8/26

diff_bpm4aX_rms vs slug



Right In: 1679.071 $\pm$ 0.382 χ^2 /NDF: 627599.7/15

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

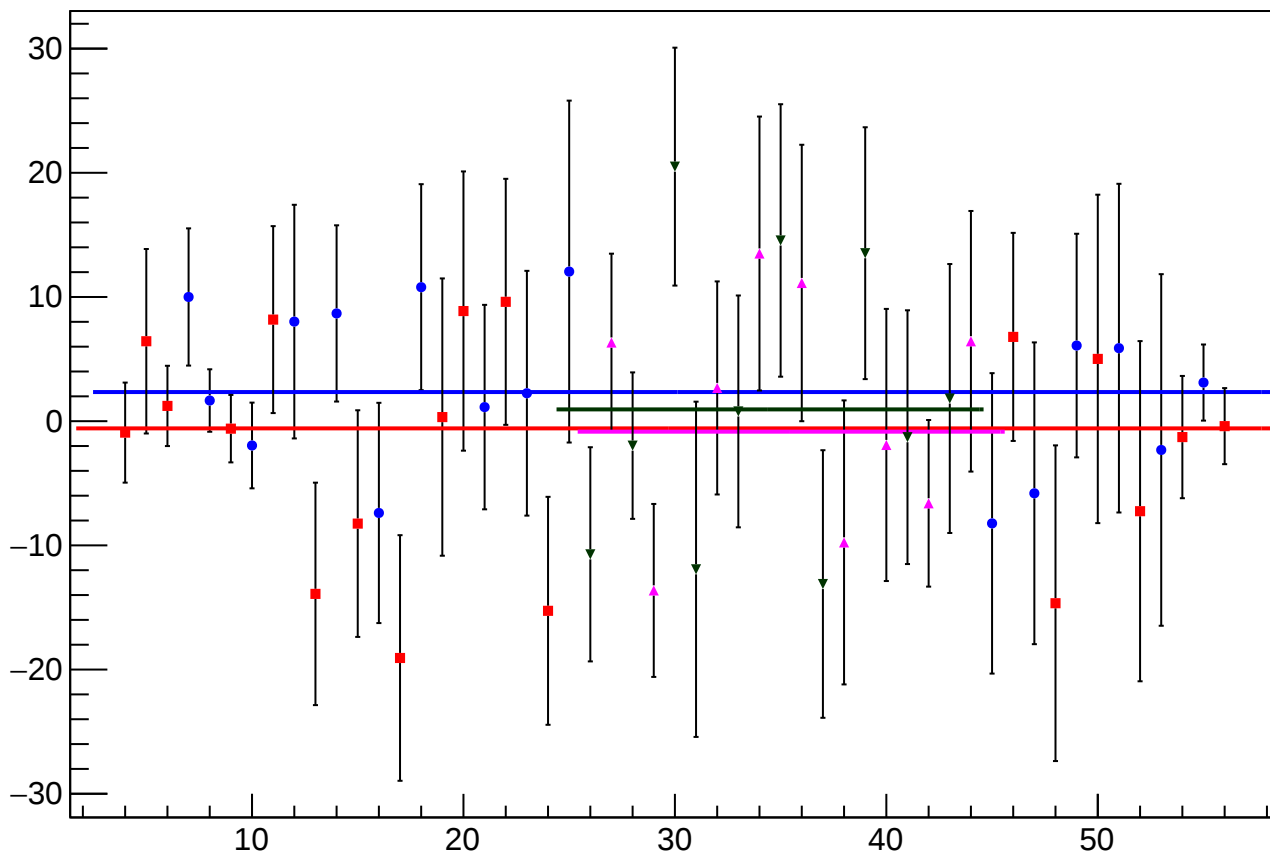
Right Out: 1643.921 $\pm$ 0.384 χ^2 /NDF: 599200.7/17

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

1640.782 $\pm$ 0.300 χ^2 /NDF: 863464.0/25

1614.332 $\pm$ 0.297 χ^2 /NDF: 774288.3/26

diff_bpm4aY_mean vs slug



Right In: 2.346 ± 1.405 χ^2/NDF : 9.1/15

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

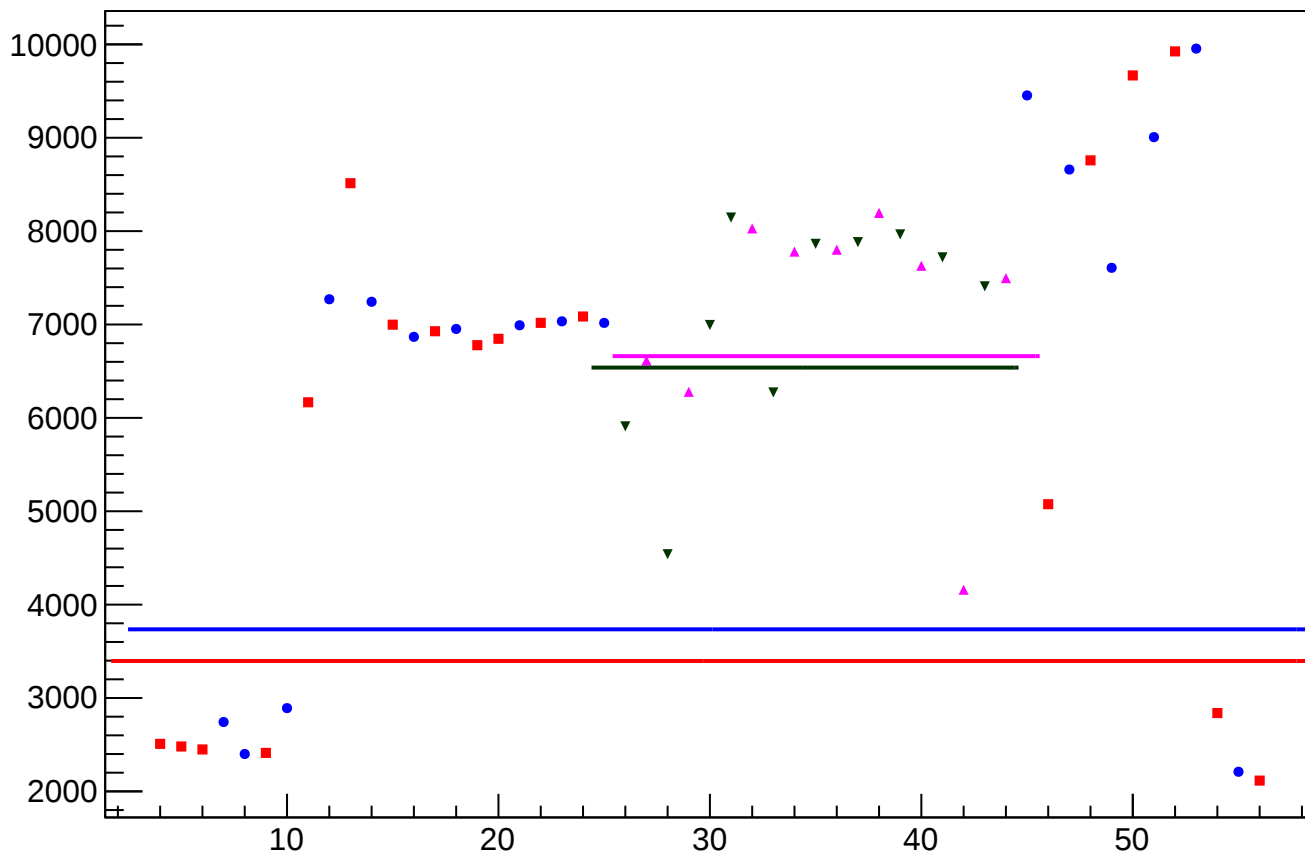
Right Out: -0.580 ± 1.312 χ^2/NDF : 15.8/17

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

2.087 ± 1.268 χ^2/NDF : 21.3/25

-0.625 ± 1.197 χ^2/NDF : 25.0/26

diff_bpm4aY_rms vs slug



Right In: 3735.292+/-0.993 χ^2/NDF : 5064913.0/15

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

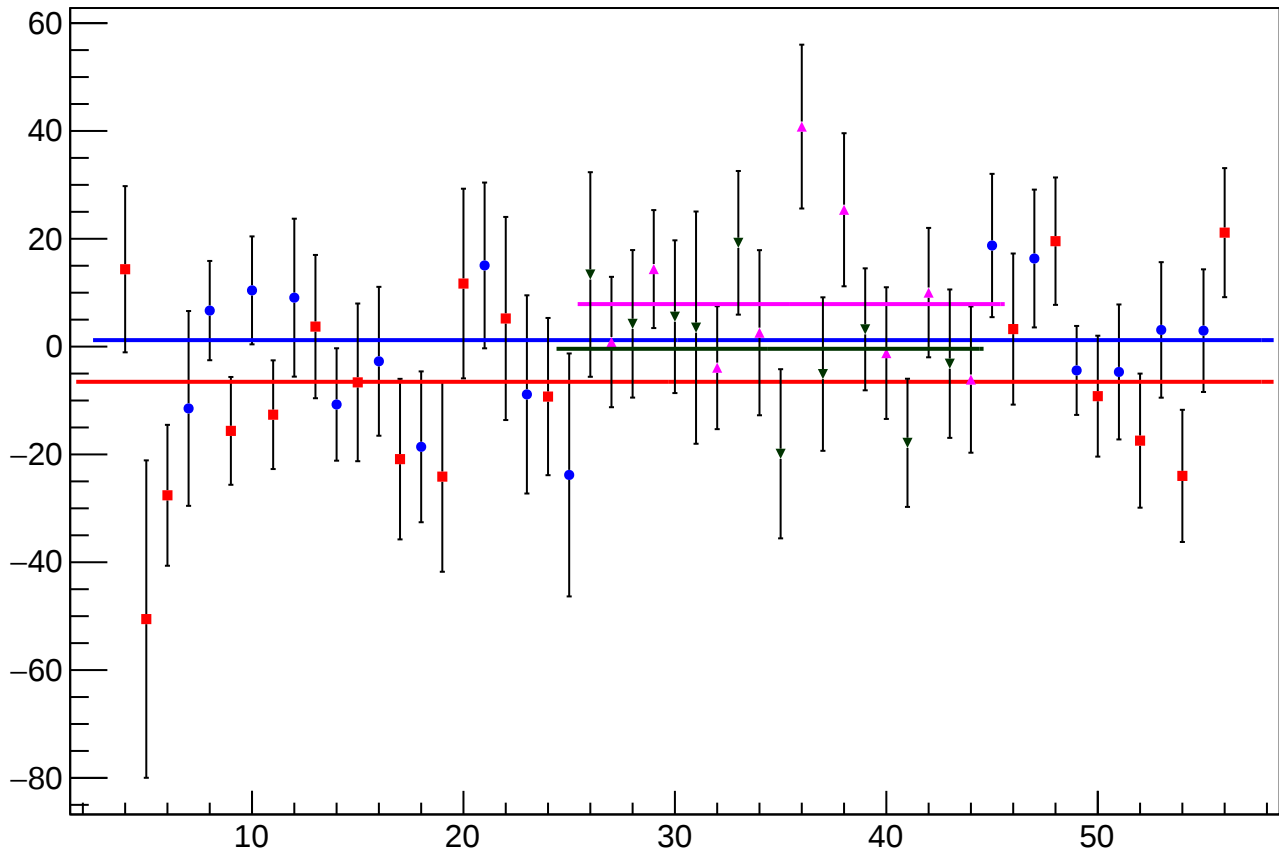
Right Out: 3396.304+/-0.928 χ^2/NDF : 4731227.2/17

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

4253.140+/-0.897 χ^2/NDF : 6950708.2/25

3944.964+/-0.846 χ^2/NDF : 7252949.4/26

diff_bpm4eX_mean vs slug



Right In: 1.202+/-3.084 χ^2/NDF : 11.6/15

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

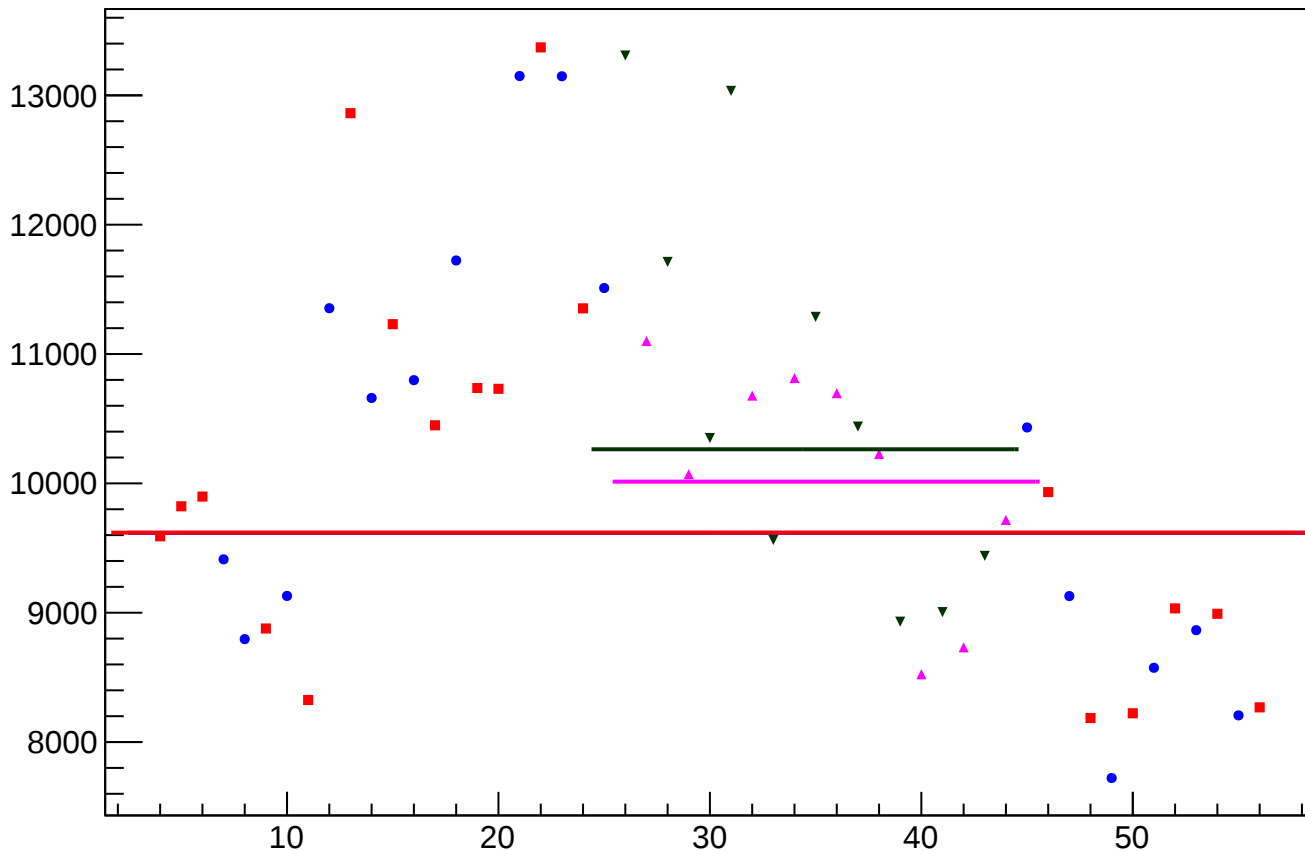
Right Out: -6.529+/-3.159 χ^2/NDF : 25.4/17

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

0.682+/-2.539 χ^2/NDF : 18.7/25

-1.390+/-2.534 χ^2/NDF : 42.6/26

diff_bpm4eX_rms vs slug



Right In: 9617.719+/-2.181 χ^2 /NDF: 490293.7/15

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

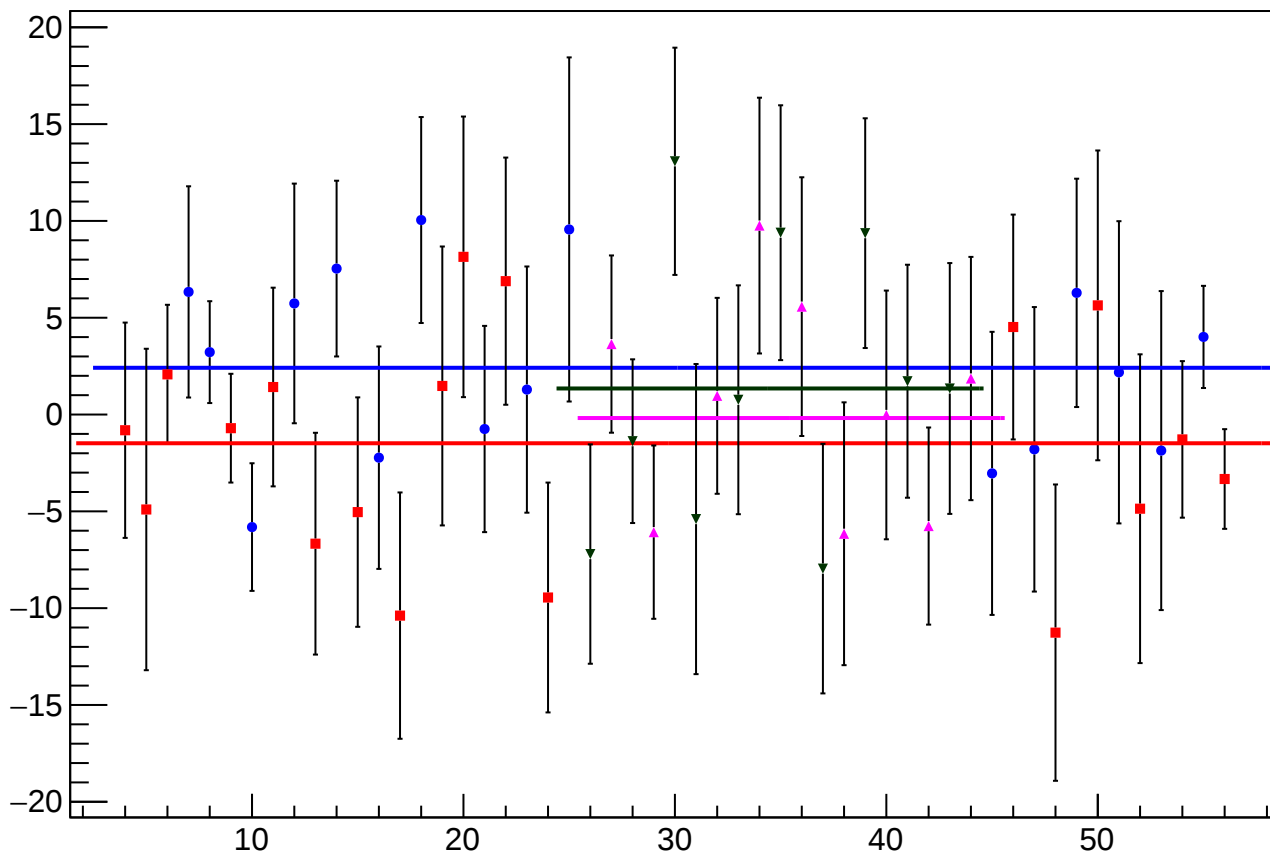
Right Out: 9619.002+/-2.234 χ^2 /NDF: 414779.8/17

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

9826.070+/-1.795 χ^2 /NDF: 697387.4/25

9759.612+/-1.792 χ^2 /NDF: 512377.4/26

diff_bpm4eY_mean vs slug



Right In: 2.415 ± 1.175 χ^2/NDF : 14.1/15

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

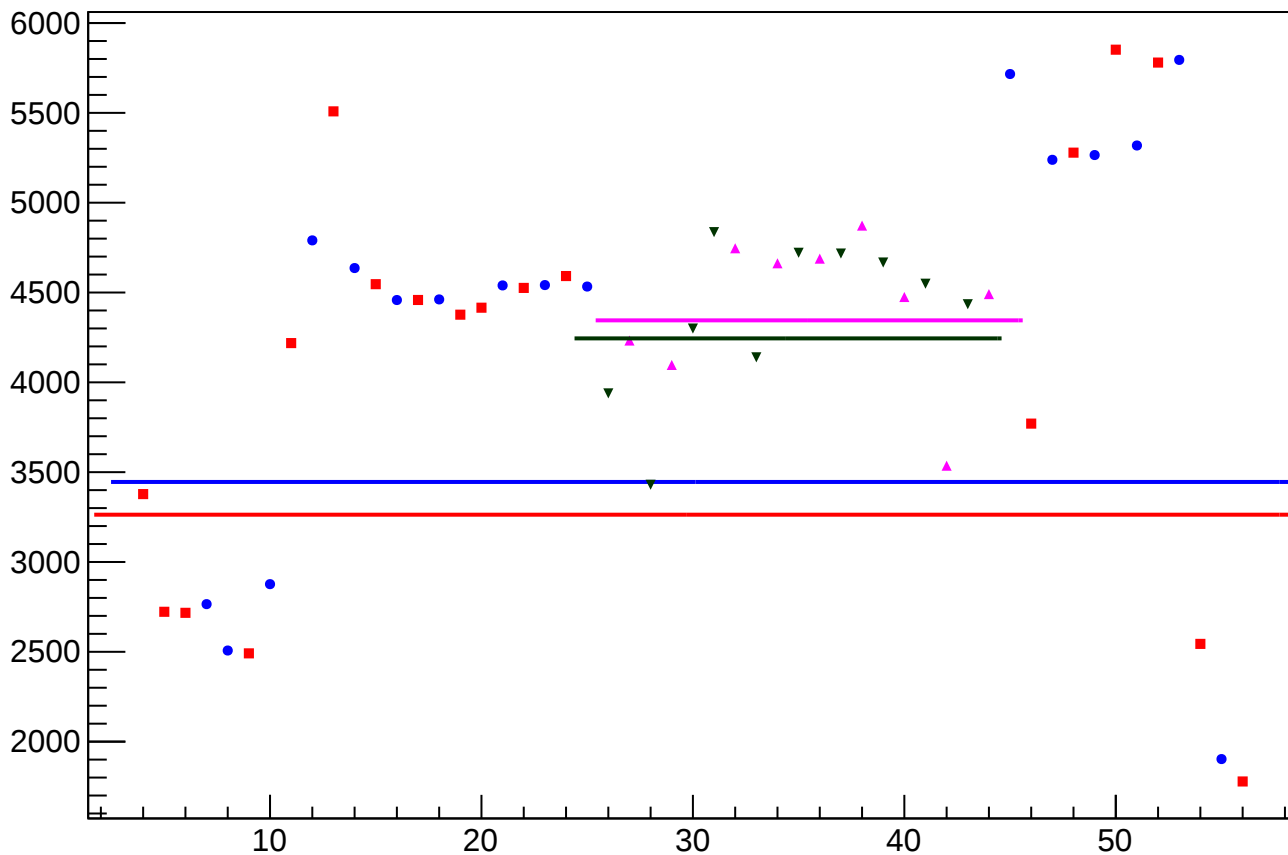
Right Out: -1.483 ± 1.152 χ^2/NDF : 14.3/17

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

2.111 ± 0.994 χ^2/NDF : 27.2/25

-1.120 ± 0.978 χ^2/NDF : 22.3/26

diff_bpm4eY_rms vs slug



Right In: 3445.505 $\pm$ 0.831 χ^2 /NDF: 2350048.5/15

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

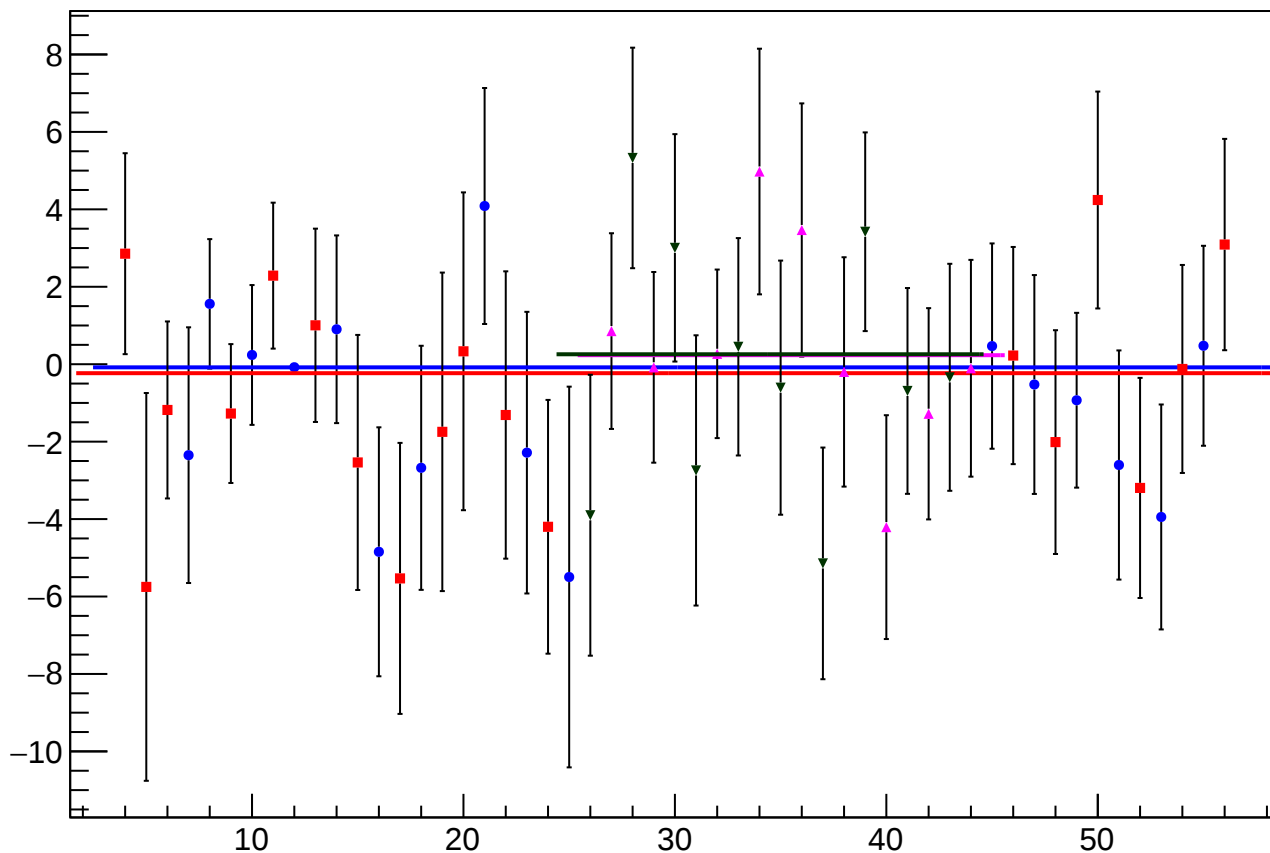
Right Out: 3263.260 $\pm$ 0.814 χ^2 /NDF: 2315677.2/17

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

3672.609 $\pm$ 0.703 χ^2 /NDF: 2742832.5/25

3565.128 $\pm$ 0.691 χ^2 /NDF: 2902553.0/26

diff_bpm4acX_mean vs slug



Right In: -0.081 ± 0.060 χ^2/NDF : 10.7/15

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

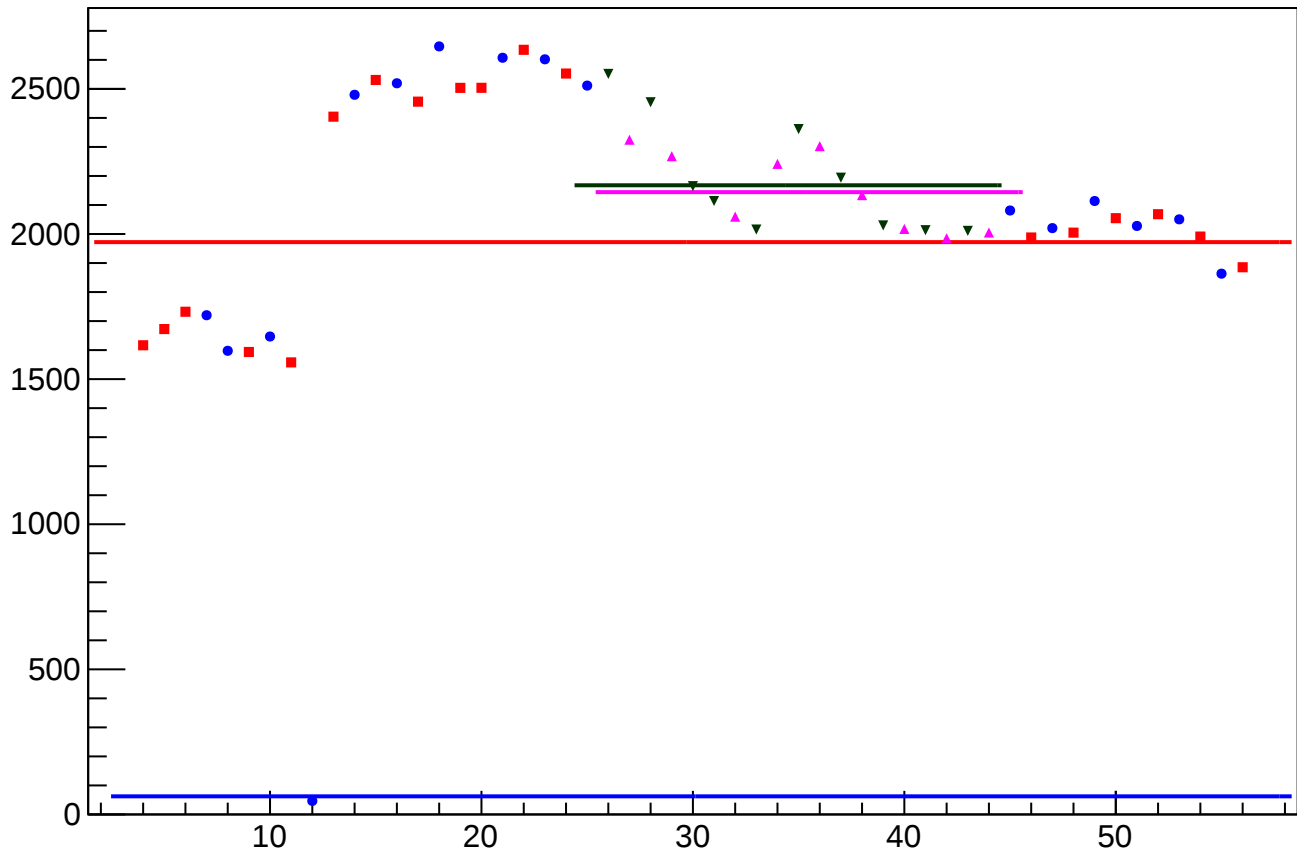
Right Out: -0.232 ± 0.651 χ^2/NDF : 15.2/17

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

-0.080 ± 0.060 χ^2/NDF : 22.0/25

-0.073 ± 0.528 χ^2/NDF : 21.4/26

diff_bpm4acX_rms vs slug



Right In: 62.455+/-0.042 χ^2 /NDF: 17795395.2/15

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

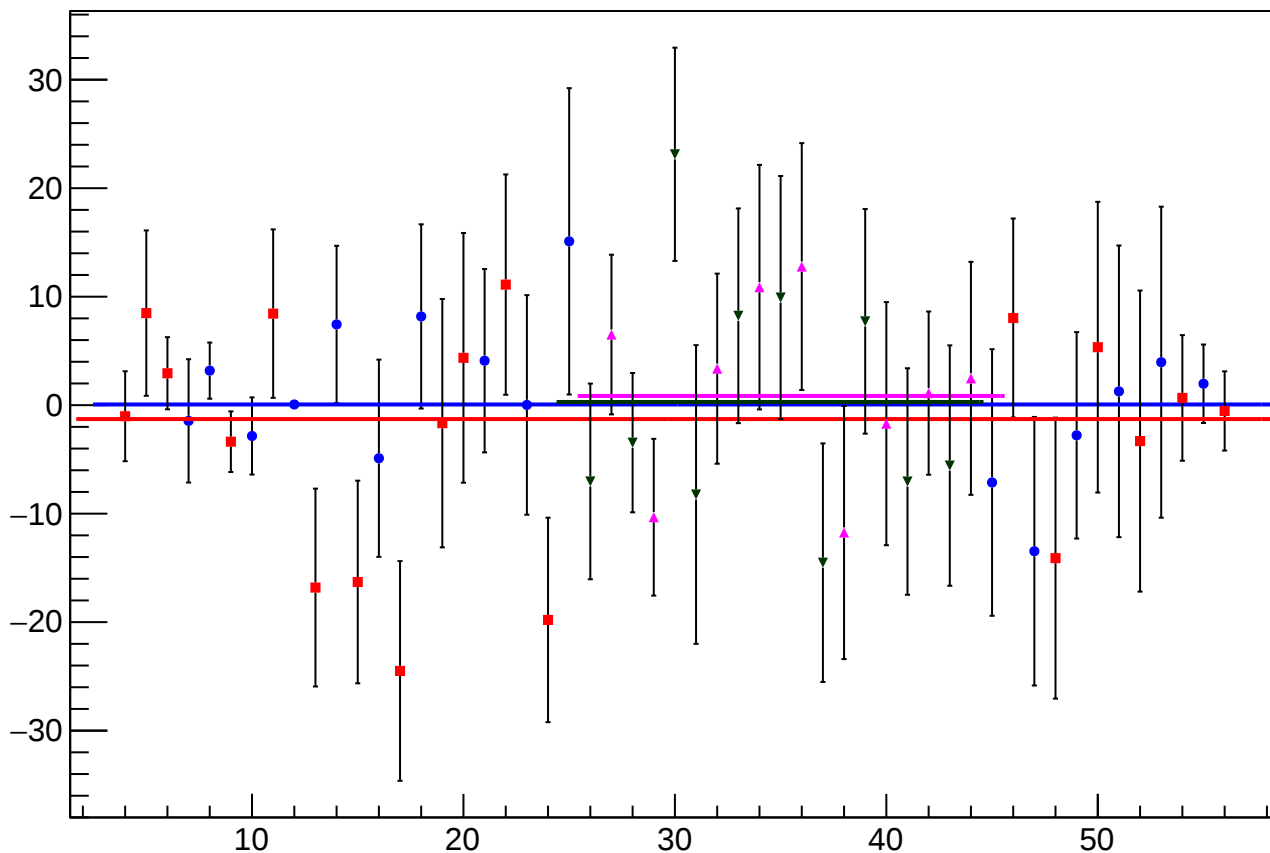
Right Out: 1972.057+/-0.460 χ^2 /NDF: 608329.3/17

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

71.072+/-0.042 χ^2 /NDF: 27923223.7/25

2030.746+/-0.374 χ^2 /NDF: 696517.7/26

diff_bpm4acY_mean vs slug



Right In: 0.065 ± 0.052 $\chi^2/\text{NDF}: 7.8/15$

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

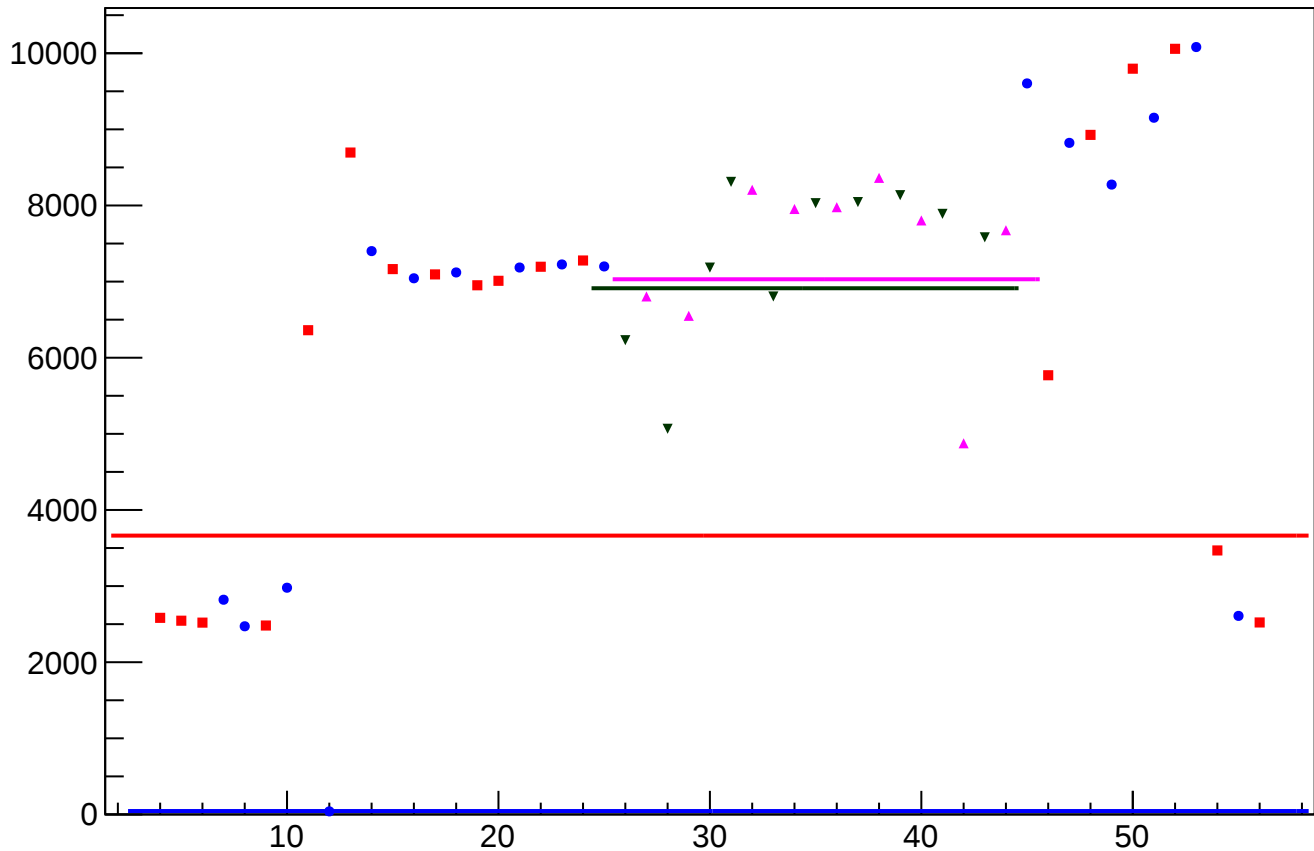
Right Out: -1.281 ± 1.396 $\chi^2/\text{NDF}: 24.2/17$

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

0.065 ± 0.052 $\chi^2/\text{NDF}: 19.1/25$

-0.911 ± 1.269 $\chi^2/\text{NDF}: 30.8/26$

diff_bpm4acY_rms vs slug



Right In: 45.008+/-0.037 χ^2 /NDF: 17809231.9/15

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

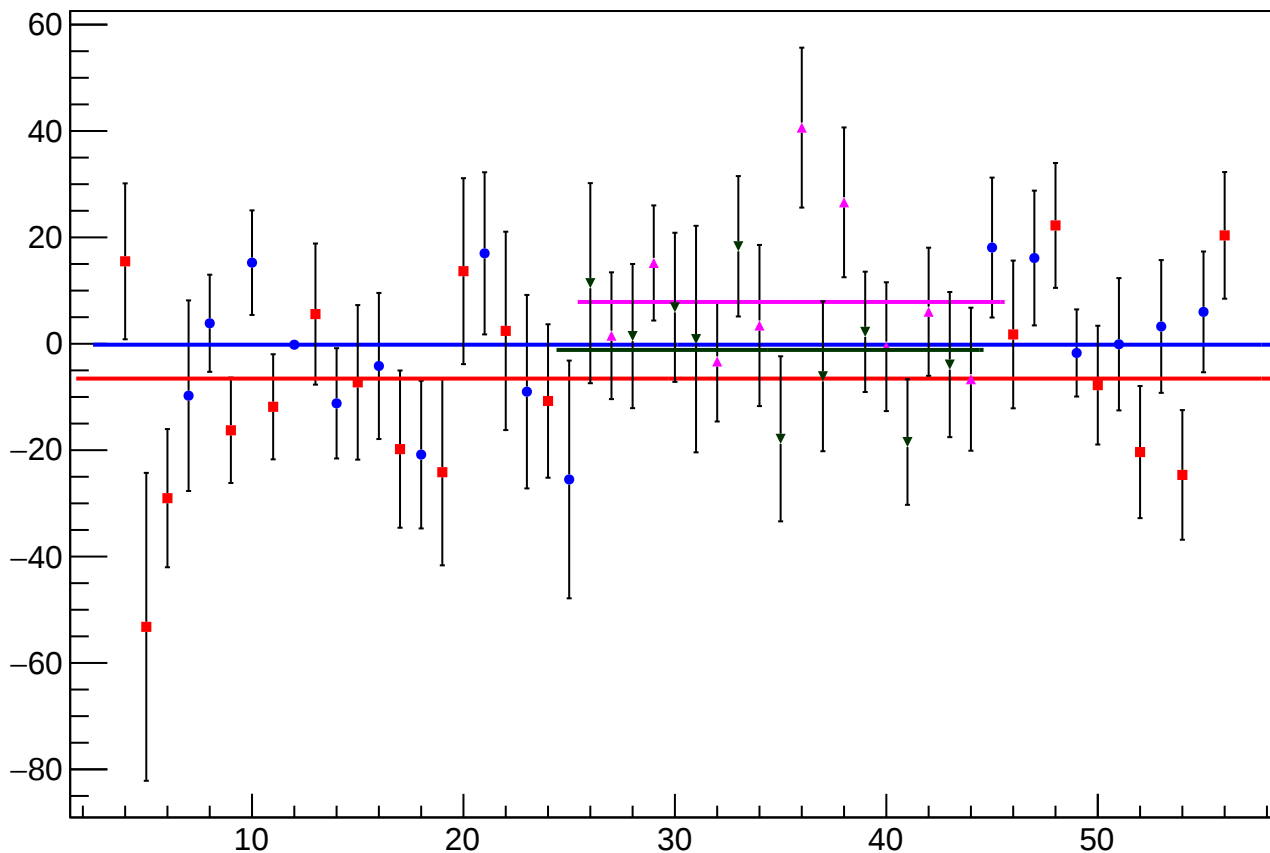
46.969+/-0.037 χ^2 /NDF: 28031560.9/25

Right Out: 3663.177+/-0.987 χ^2 /NDF: 4481862.2/17

4248.152+/-0.897 χ^2 /NDF: 6784922.6/26

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

diff_bpm4ecX_mean vs slug



Right In: -0.175 ± 0.106 $\chi^2/\text{NDF}: 13.2/15$

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

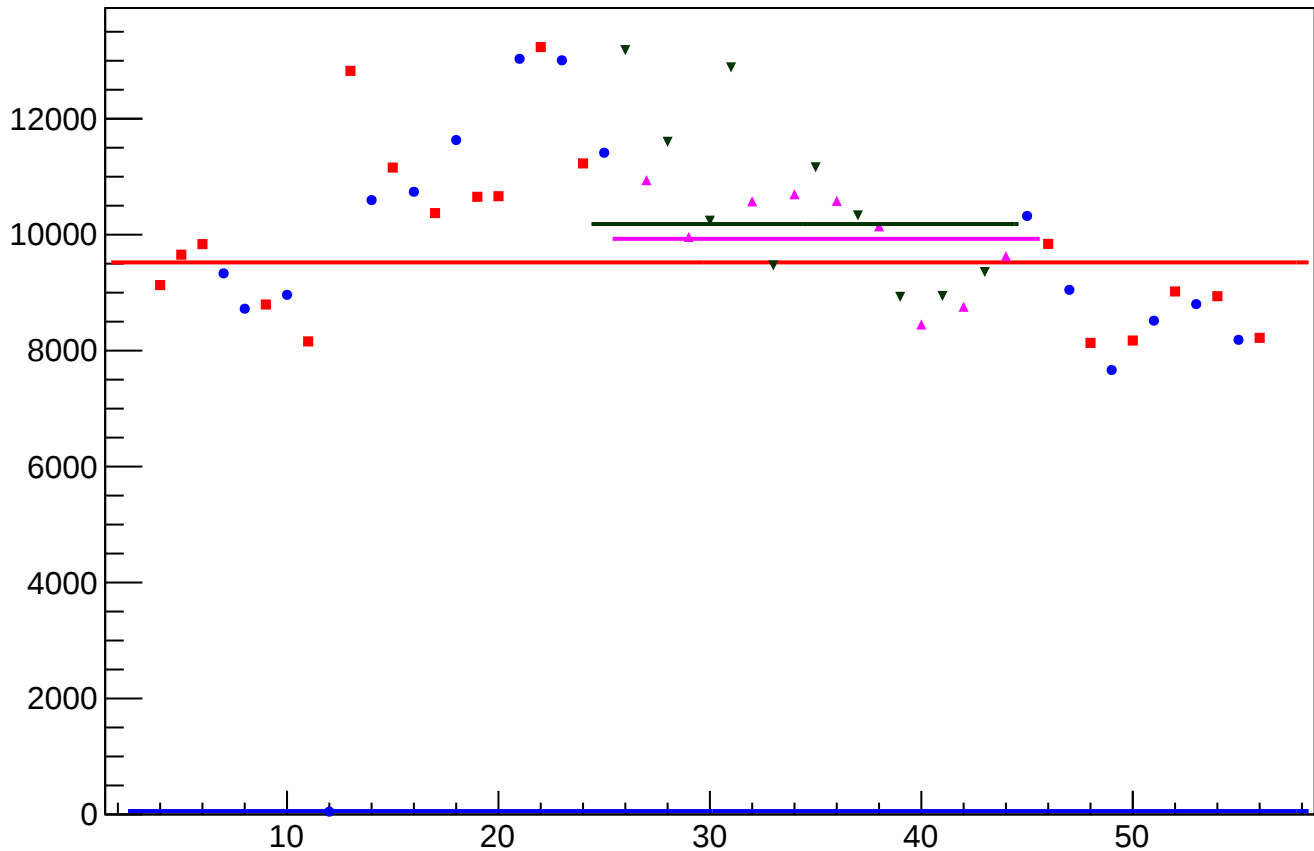
Right Out: -6.544 ± 3.128 $\chi^2/\text{NDF}: 28.4/17$

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

-0.175 ± 0.106 $\chi^2/\text{NDF}: 19.8/25$

-1.414 ± 2.510 $\chi^2/\text{NDF}: 45.9/26$

diff_bpm4ecX_rms vs slug



Right In: 58.927 ± 0.075 χ^2/NDF : 18530704.7/15

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

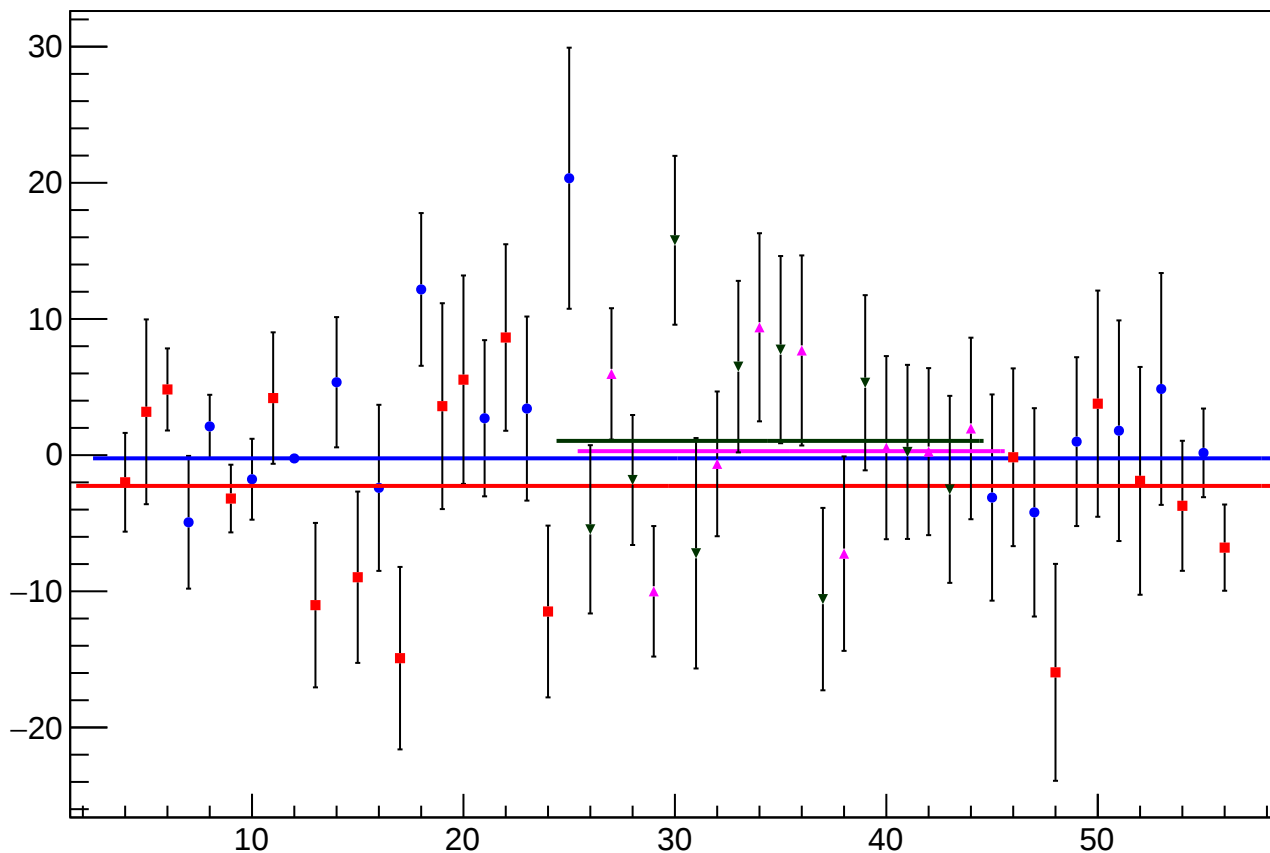
Right Out: 9521.874 ± 2.212 χ^2/NDF : 421707.8/17

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

64.764 ± 0.075 χ^2/NDF : 29126725.0/25

9666.661 ± 1.775 χ^2/NDF : 513862.2/26

diff_bpm4ecY_mean vs slug



Right In: -0.234 ± 0.090 χ^2/NDF : 14.7/15

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

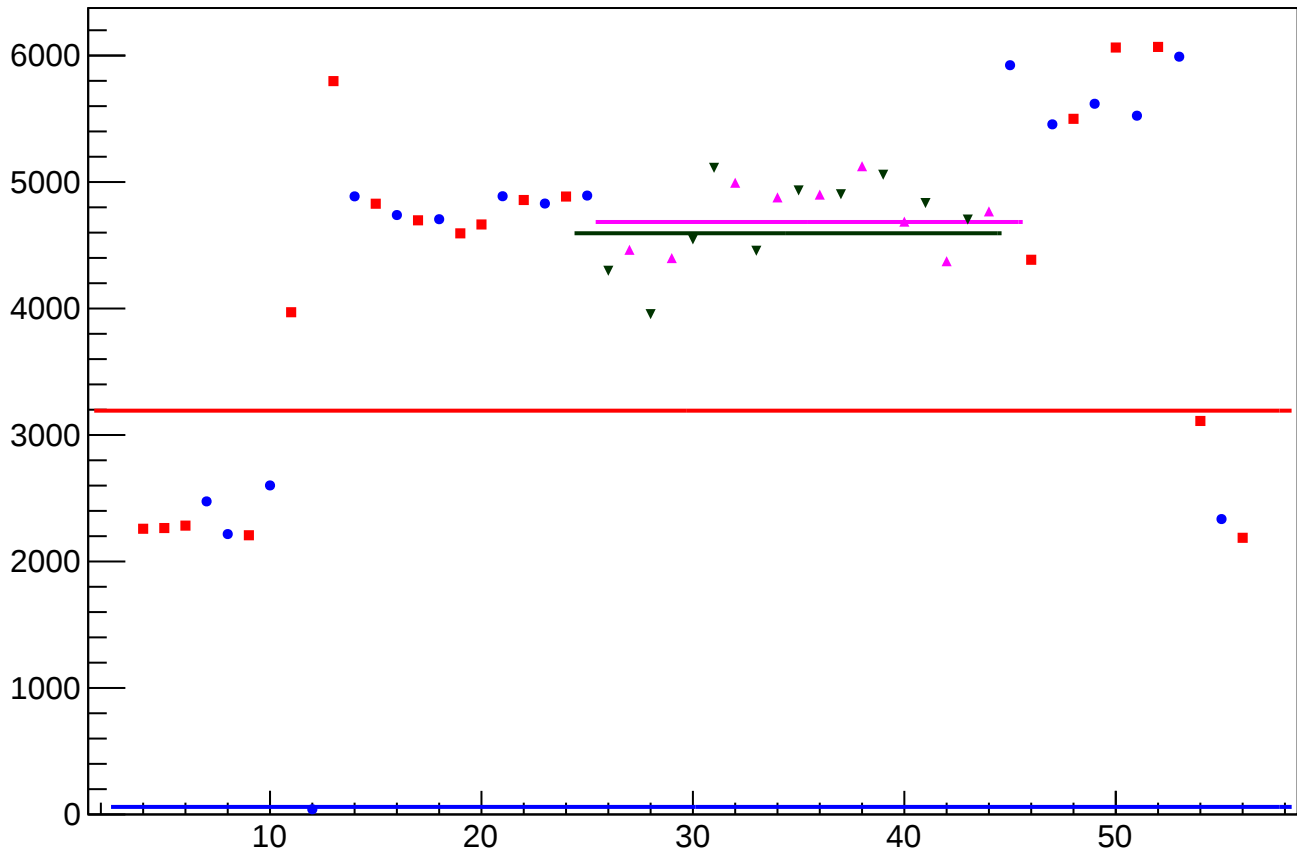
Right Out: -2.260 ± 1.132 χ^2/NDF : 26.9/17

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

-0.231 ± 0.090 χ^2/NDF : 28.6/25

-1.633 ± 0.983 χ^2/NDF : 38.2/26

diff_bpm4ecY_rms vs slug



Right In: 59.625+/-0.064 χ^2 /NDF: 17937411.9/15

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

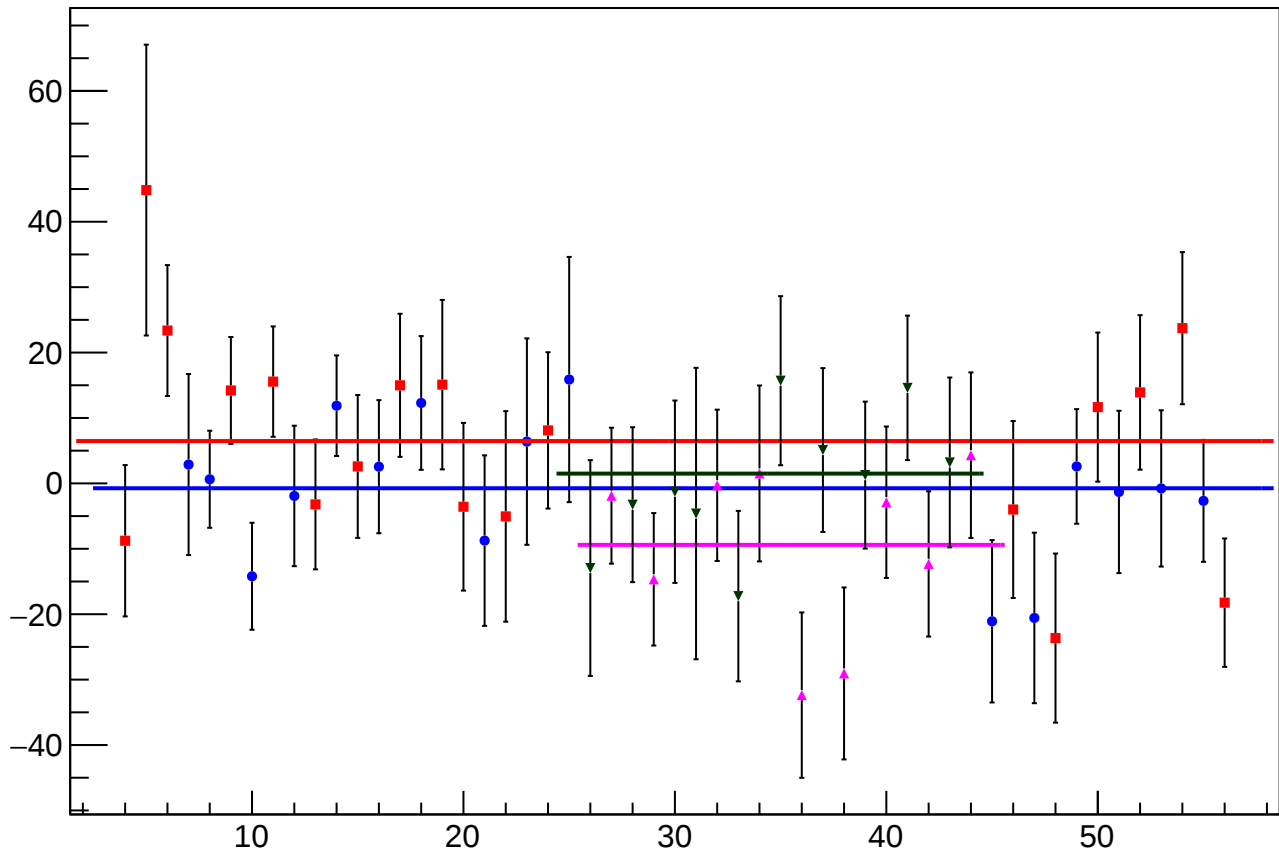
Right Out: 3192.432+/-0.801 χ^2 /NDF: 2643395.8/17

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

68.720+/-0.064 χ^2 /NDF: 28212857.5/25

3558.966+/-0.695 χ^2 /NDF: 3531137.9/26

diff_bpm1X_mean vs slug



Right In: -0.743 ± 2.614 χ^2/NDF : 13.8/15

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

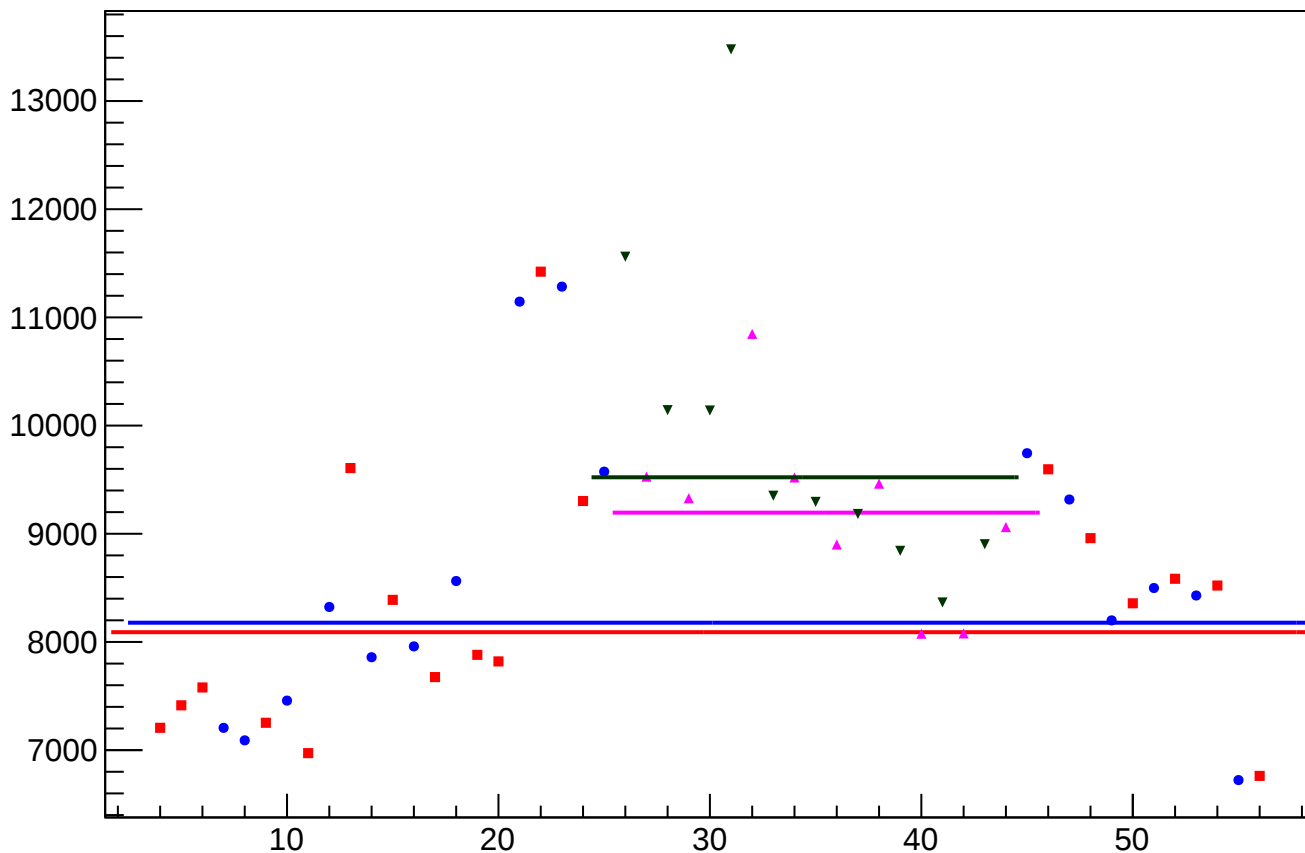
Right Out: 6.474 ± 2.650 χ^2/NDF : 28.1/17

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

-0.105 ± 2.211 χ^2/NDF : 19.8/25

1.452 ± 2.191 χ^2/NDF : 48.6/26

diff_bpm1X_rms vs slug



Right In: 8177.964 $\pm$ 1.849 χ^2 /NDF: 366218.5/15

Left Out: 9522.004 $\pm$ 2.929 χ^2 /NDF:139291.8/9

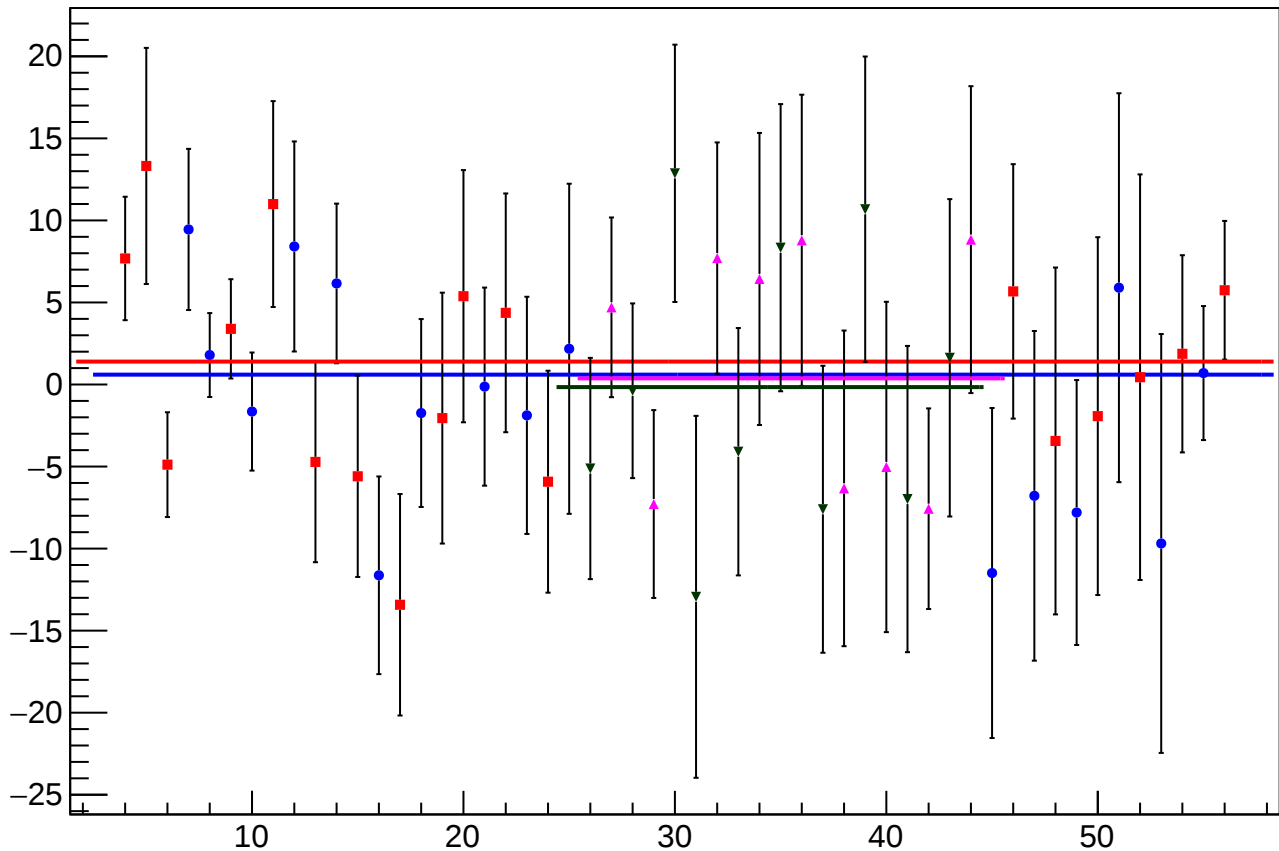
8560.838 $\pm$ 1.563 χ^2 /NDF: 656100.3/25

Right Out: 8090.244 $\pm$ 1.874 χ^2 /NDF: 311440.0/17

8439.854 $\pm$ 1.549 χ^2 /NDF: 506896.9/26

Left In: 9195.242 $\pm$ 2.755 χ^2 /NDF:85448.4/8

diff_bpm1Y_mean vs slug



Right In: 0.601 ± 1.335 χ^2/NDF : 15.0/15

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

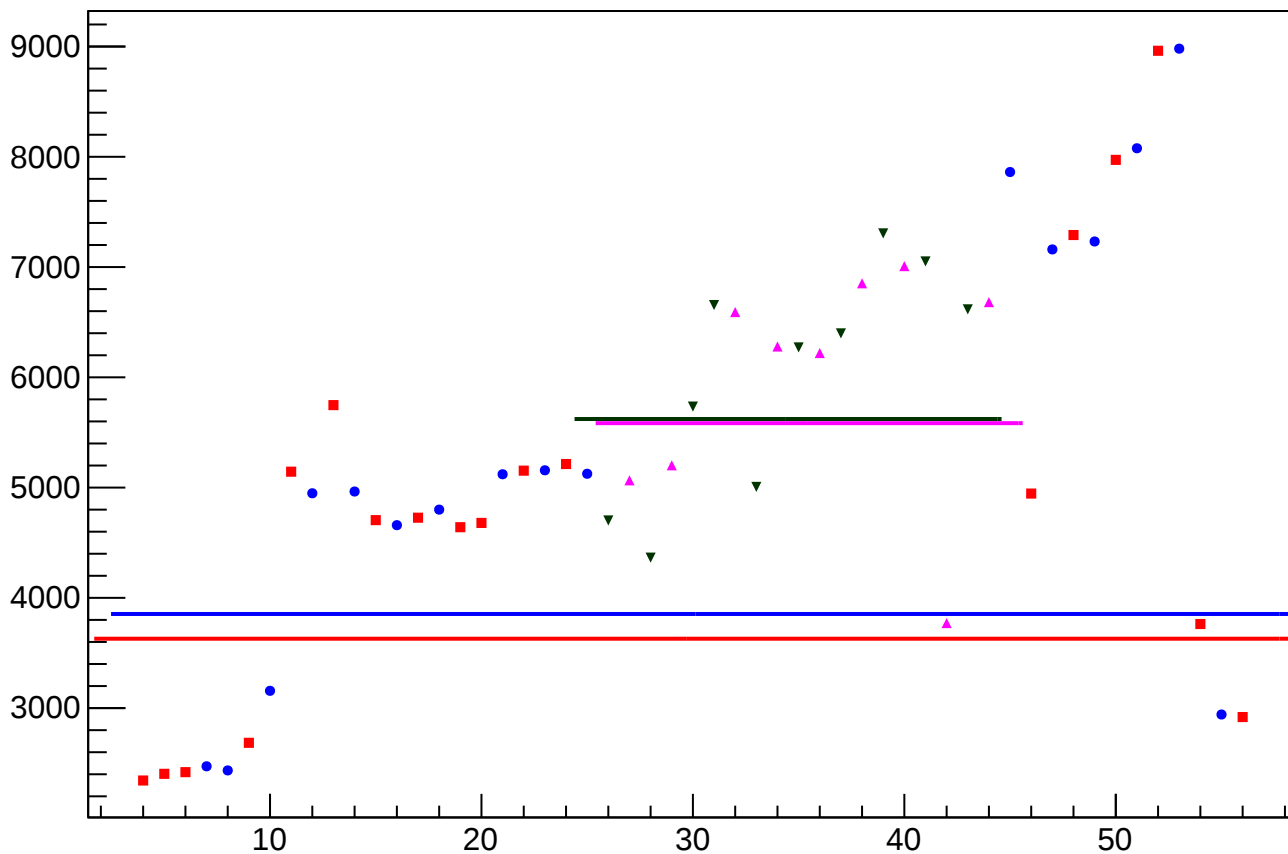
Right Out: 1.397 ± 1.294 χ^2/NDF : 22.8/17

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

0.433 ± 1.178 χ^2/NDF : 23.6/25

1.172 ± 1.143 χ^2/NDF : 31.1/26

diff_bpm1Y_rms vs slug



Right In: 3853.724+/-0.944 χ^2/NDF : 2848350.5/15

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

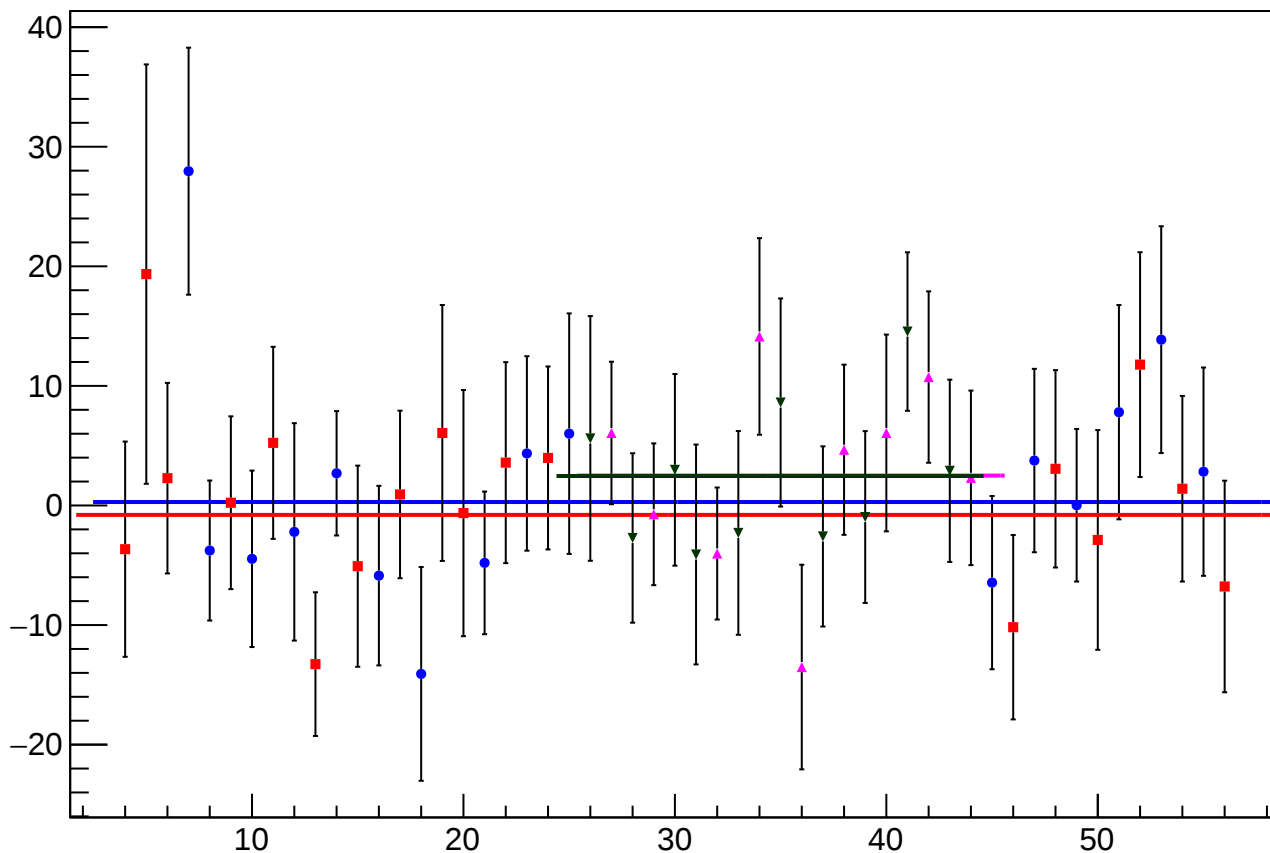
Right Out: 3629.401+/-0.915 χ^2/NDF : 2559294.5/17

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

4244.511+/-0.833 χ^2/NDF : 3964352.2/25

4059.100+/-0.808 χ^2/NDF : 3930682.0/26

diff_bpm11X_mean vs slug



Right In: 0.289 ± 1.868 $\chi^2/\text{NDF}: 16.8/15$

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

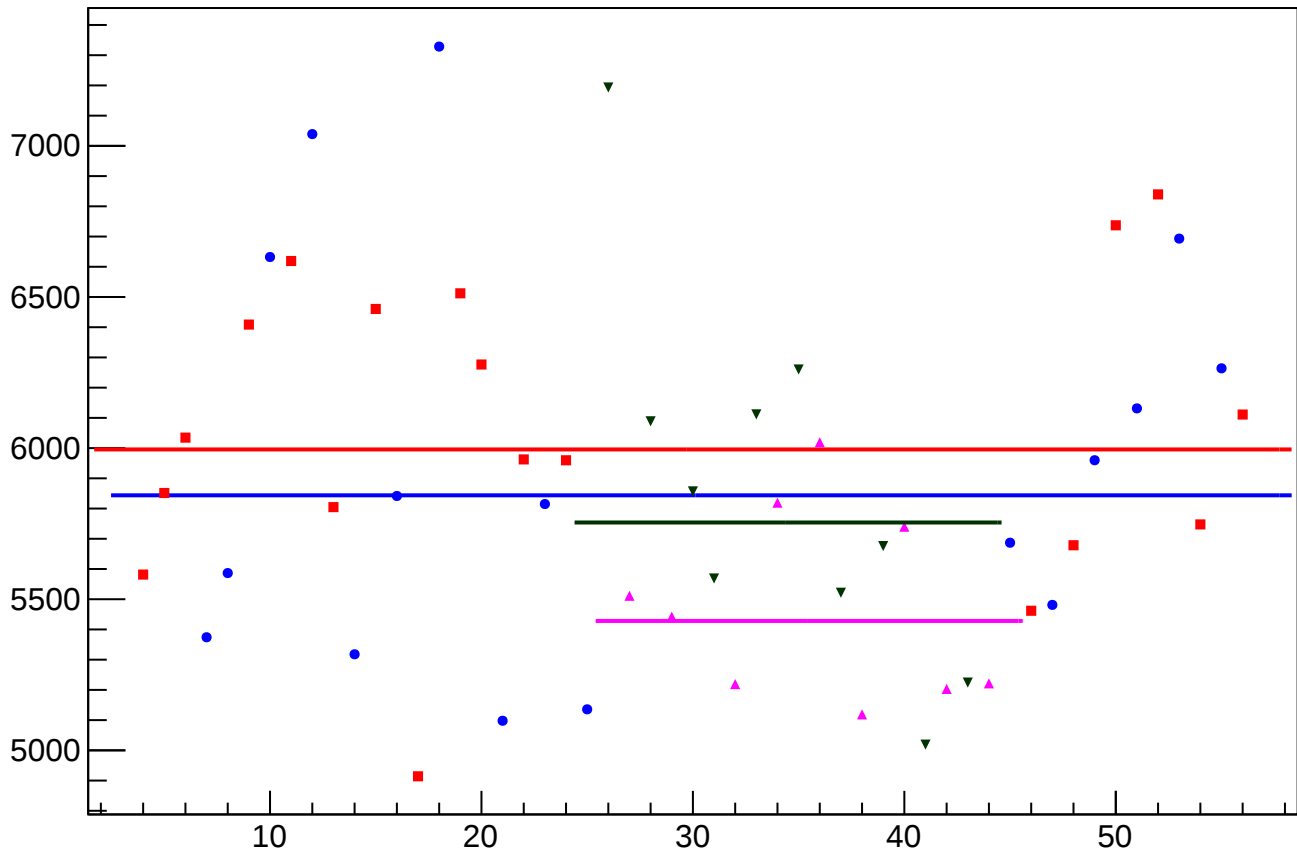
Right Out: -0.787 ± 1.955 $\chi^2/\text{NDF}: 11.9/17$

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

1.070 ± 1.495 $\chi^2/\text{NDF}: 23.3/25$

0.599 ± 1.487 $\chi^2/\text{NDF}: 22.3/26$

diff_bpm11X_rms vs slug



Right In: 5843.801+/-1.321 χ^2/NDF : 211096.0/15

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

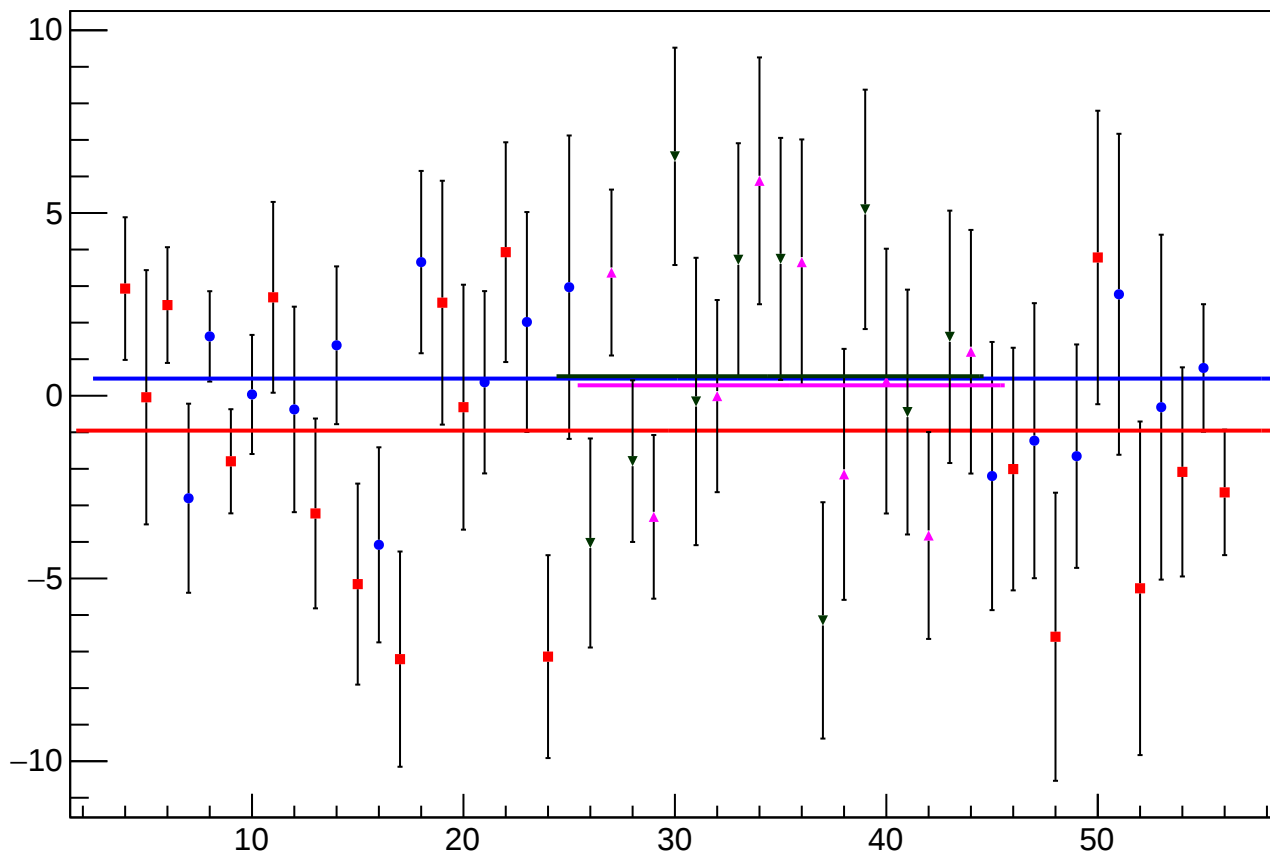
5811.483+/-1.057 χ^2/NDF : 304637.3/25

Right Out: 5995.591+/-1.382 χ^2/NDF : 129123.6/17

5756.394+/-1.051 χ^2/NDF : 227732.9/26

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

diff_bpm11Y_mean vs slug



Right In: 0.469 ± 0.595 χ^2/NDF : 9.5/15

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

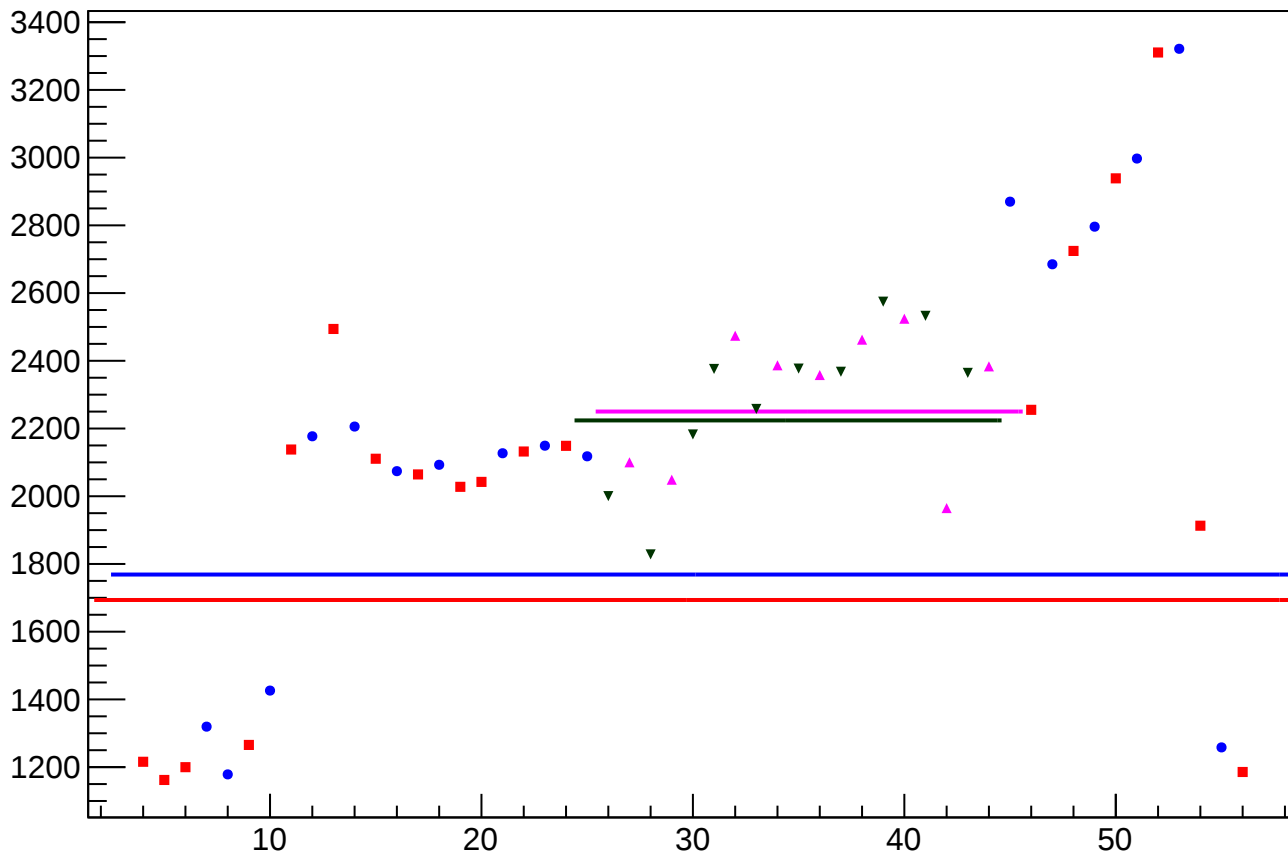
Right Out: -0.954 ± 0.585 χ^2/NDF : 32.9/17

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

0.487 ± 0.507 χ^2/NDF : 25.6/25

-0.618 ± 0.499 χ^2/NDF : 45.0/26

diff_bpm11Y_rms vs slug



Right In: 1768.765+/-0.420 χ^2/NDF : 1945234.6/15

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

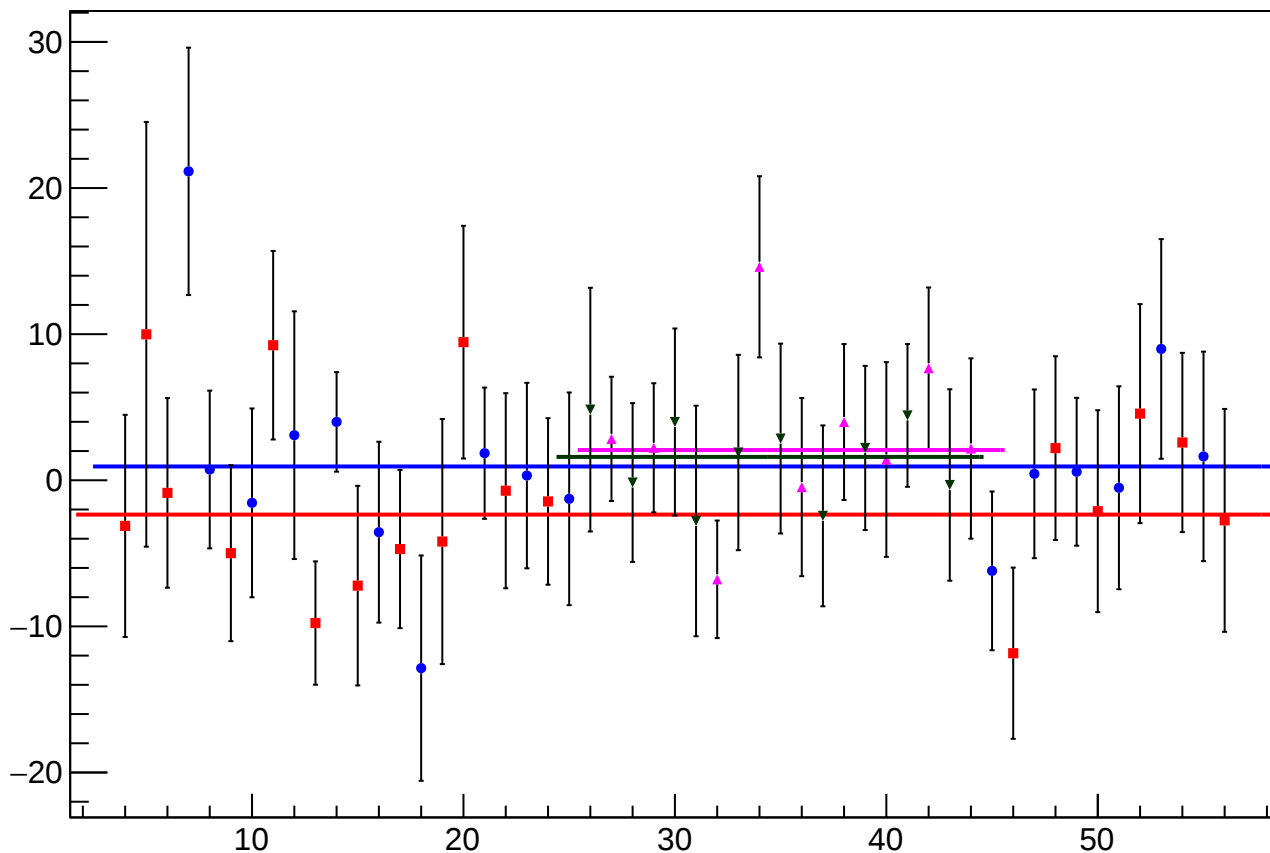
Right Out: 1693.605+/-0.413 χ^2/NDF : 1829618.6/17

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

1892.464+/-0.359 χ^2/NDF : 2395129.1/25

1844.748+/-0.353 χ^2/NDF : 2409060.8/26

diff_bpm12X_mean vs slug



Right In: 0.945 ± 1.460 χ^2/NDF : 13.5/15

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

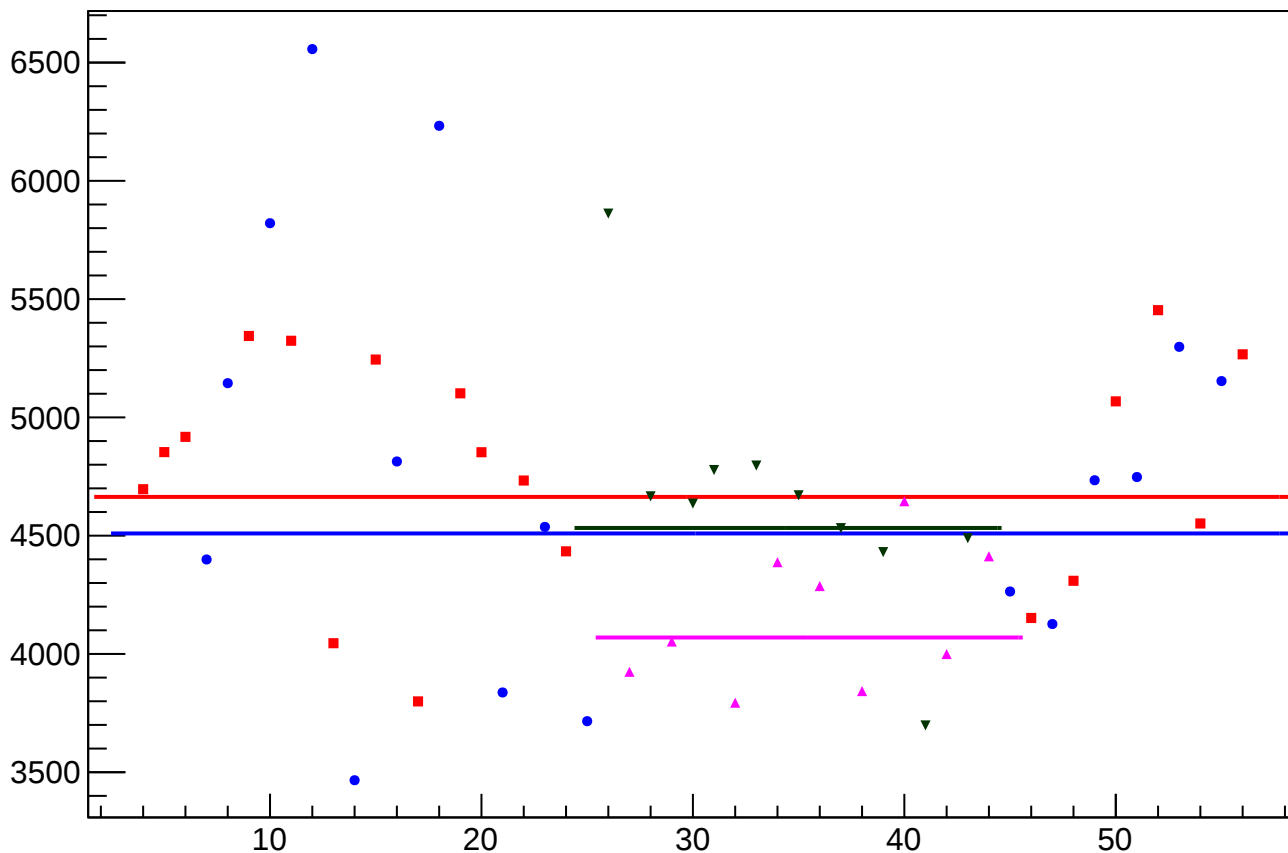
Right Out: -2.349 ± 1.526 χ^2/NDF : 15.0/17

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

1.177 ± 1.173 χ^2/NDF : 15.2/25

-0.403 ± 1.142 χ^2/NDF : 29.0/26

diff_bpm12X_rms vs slug



Right In: 4509.415+/-1.032 χ^2/NDF : 645439.0/15

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

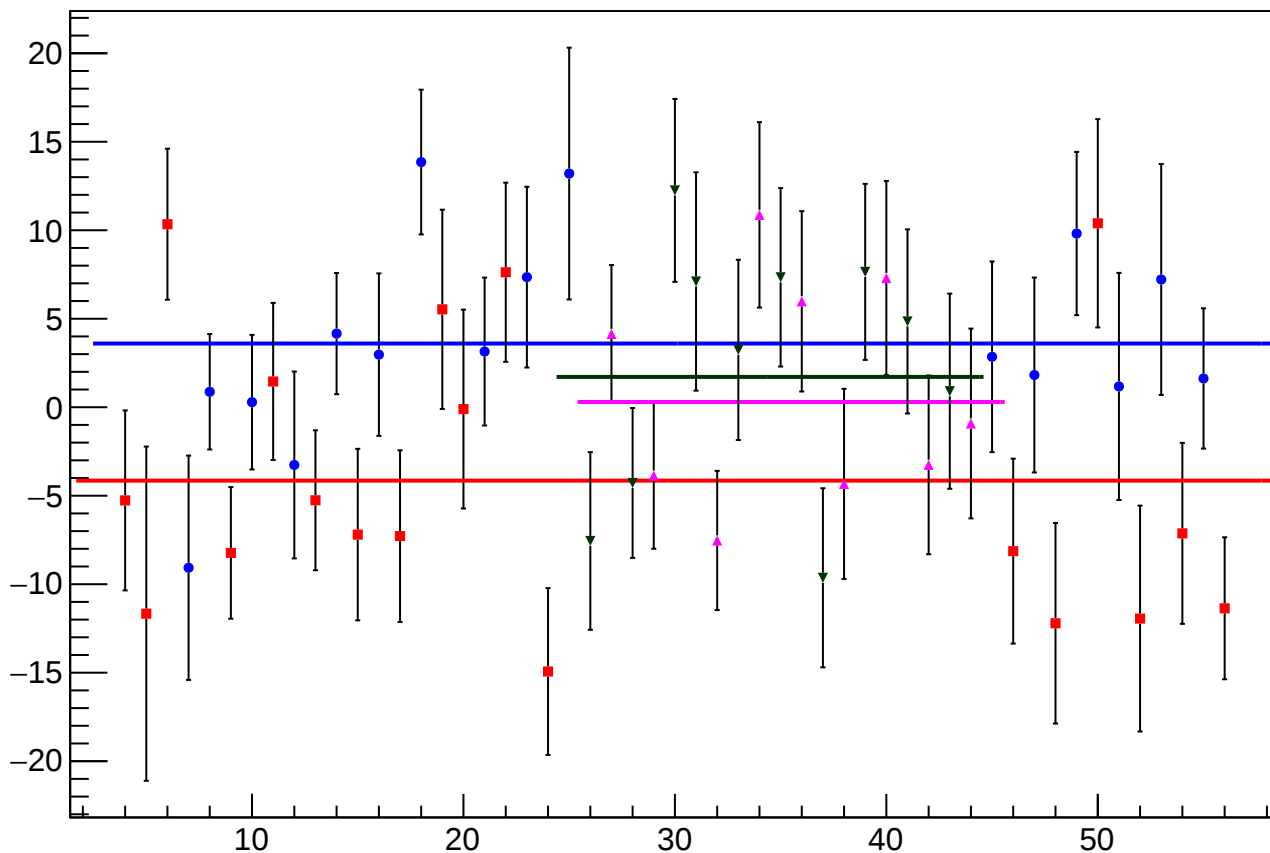
Right Out: 4663.935+/-1.079 χ^2/NDF : 232086.8/17

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

4517.633+/-0.829 χ^2/NDF : 763248.7/25

4402.136+/-0.807 χ^2/NDF : 410259.7/26

diff_bpm12Y_mean vs slug



Right In: 3.600 ± 1.149 $\chi^2/\text{NDF}: 18.5/15$

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

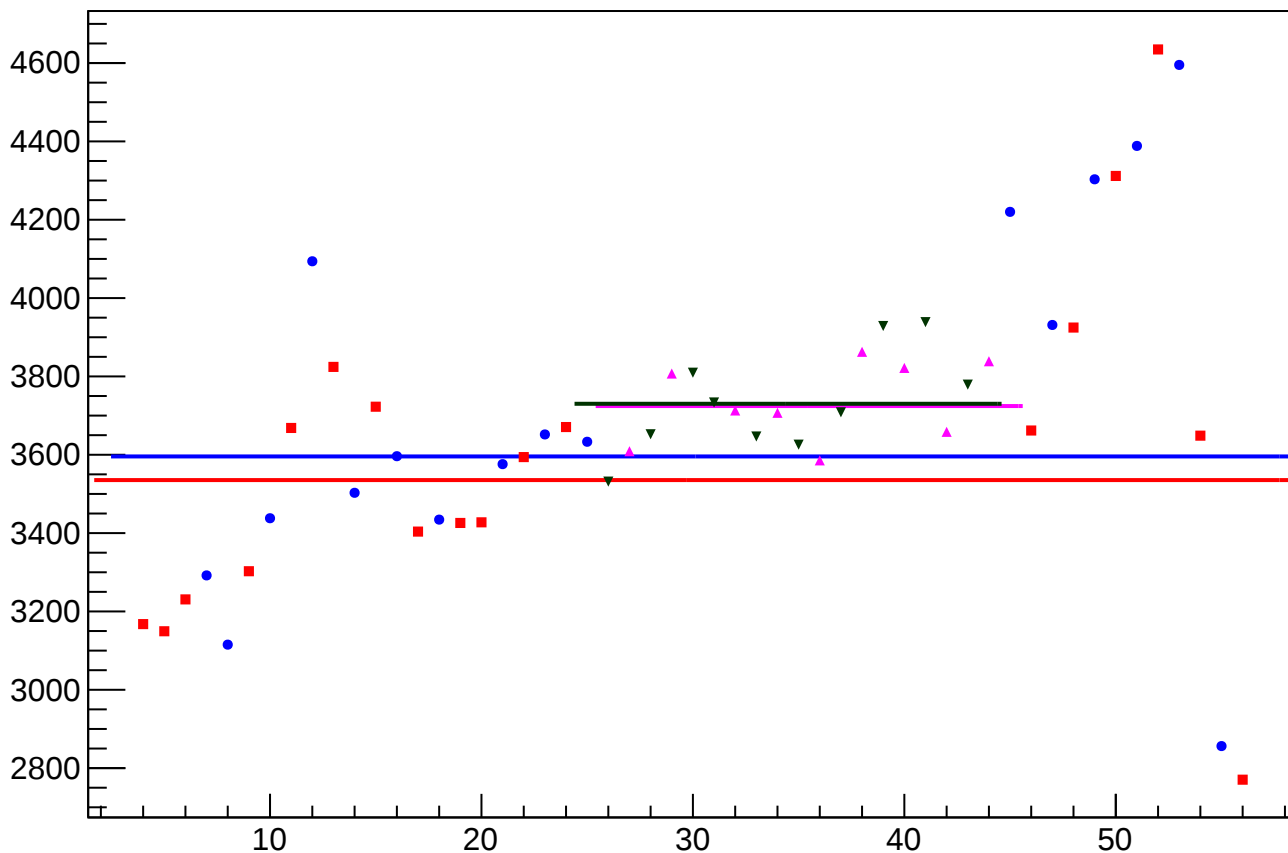
Right Out: -4.147 ± 1.158 $\chi^2/\text{NDF}: 43.8/17$

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

2.963 ± 0.935 $\chi^2/\text{NDF}: 37.9/25$

-2.581 ± 0.932 $\chi^2/\text{NDF}: 63.2/26$

diff_bpm12Y_rms vs slug



Right In: 3595.726 $\pm$ 0.812 χ^2 /NDF: 302679.4/15

Left Out: 3730.162 $\pm$ 1.138 χ^2 /NDF:12266.4/9

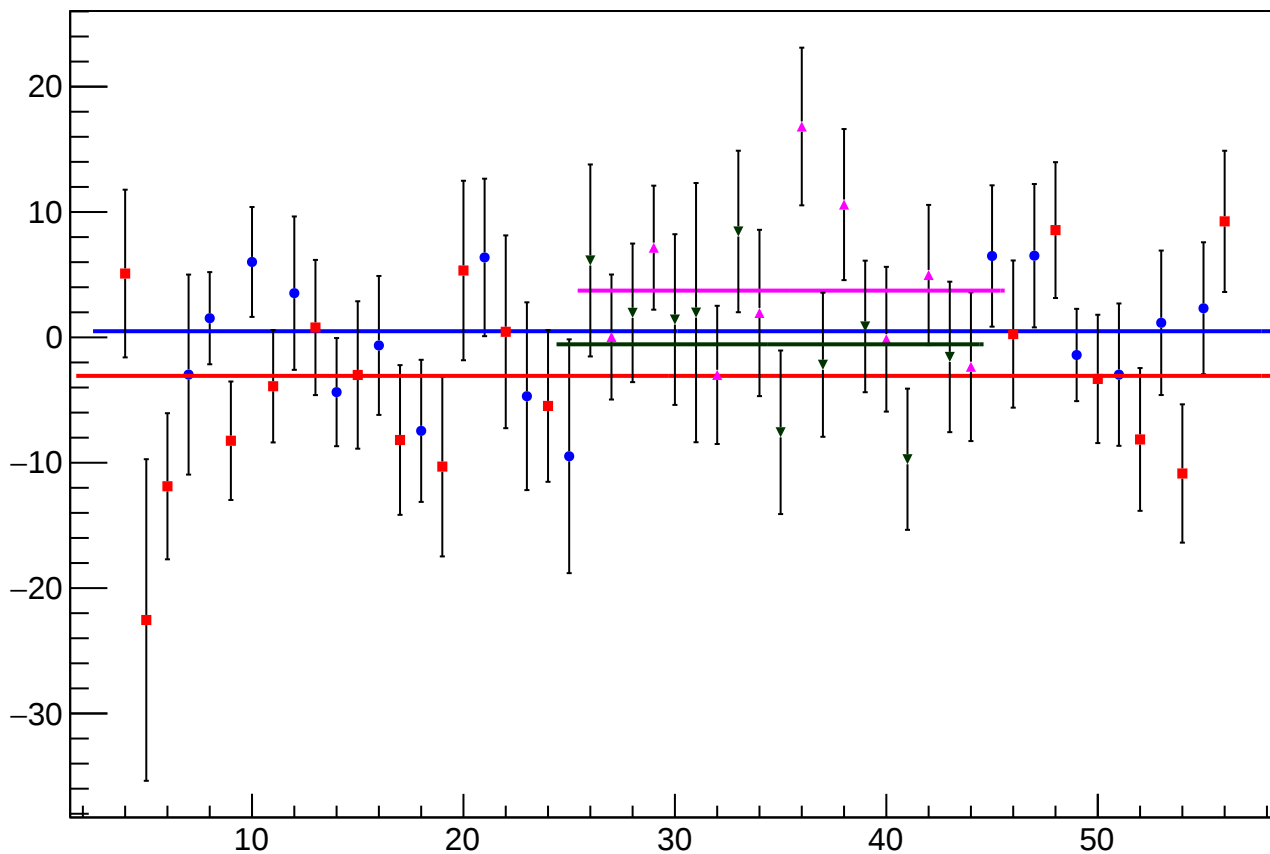
3641.123 $\pm$ 0.661 χ^2 /NDF: 324195.1/25

Right Out: 3535.358 $\pm$ 0.819 χ^2 /NDF: 230648.9/17

3601.996 $\pm$ 0.659 χ^2 /NDF: 256723.9/26

Left In: 3724.365 $\pm$ 1.110 χ^2 /NDF:7290.6/8

diff_bpm16X_mean vs slug



Right In: 0.491 ± 1.320 χ^2/NDF : 10.9/15

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

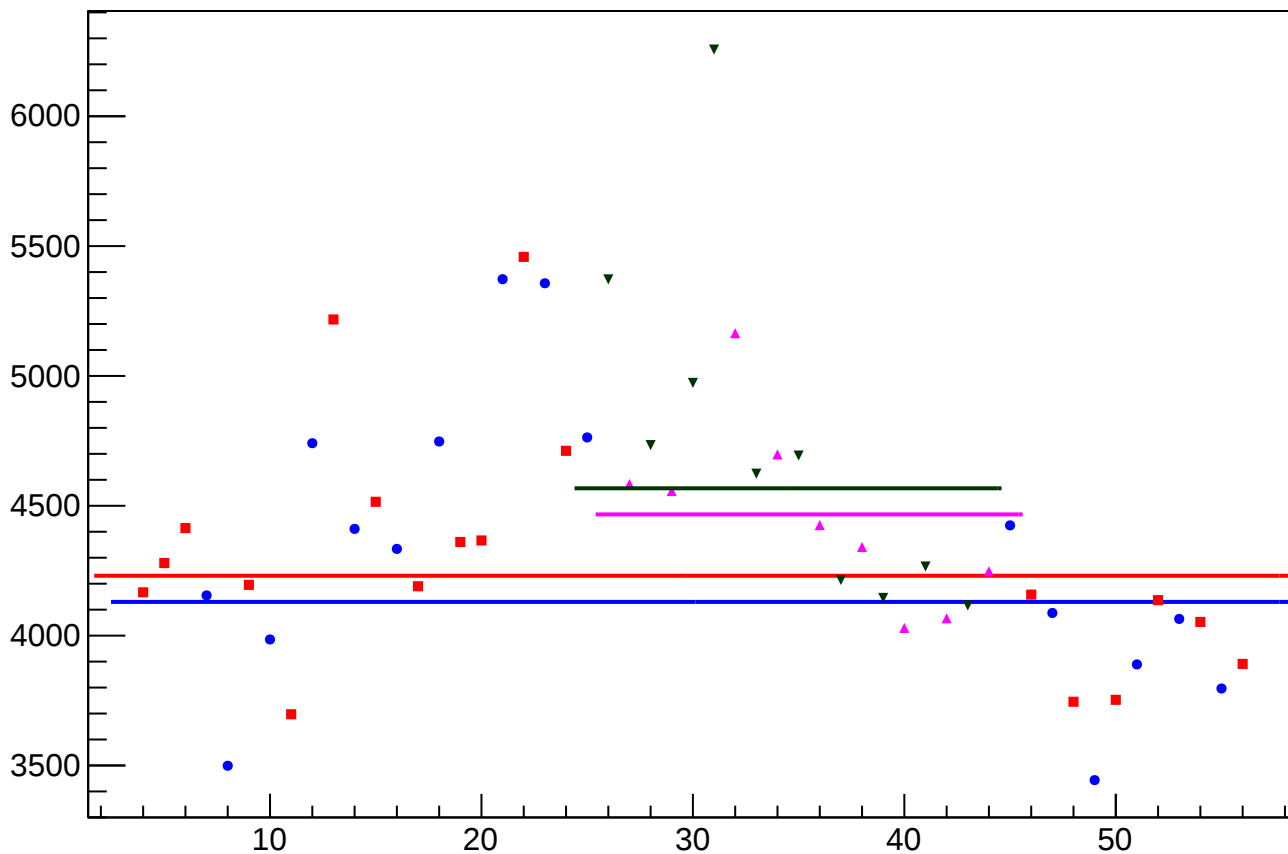
Right Out: -3.070 ± 1.382 χ^2/NDF : 23.8/17

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

0.171 ± 1.099 χ^2/NDF : 18.1/25

-0.700 ± 1.116 χ^2/NDF : 42.0/26

diff_bpm16X_rms vs slug



Right In: 4129.844+/-0.934 χ^2/NDF : 344259.0/15

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

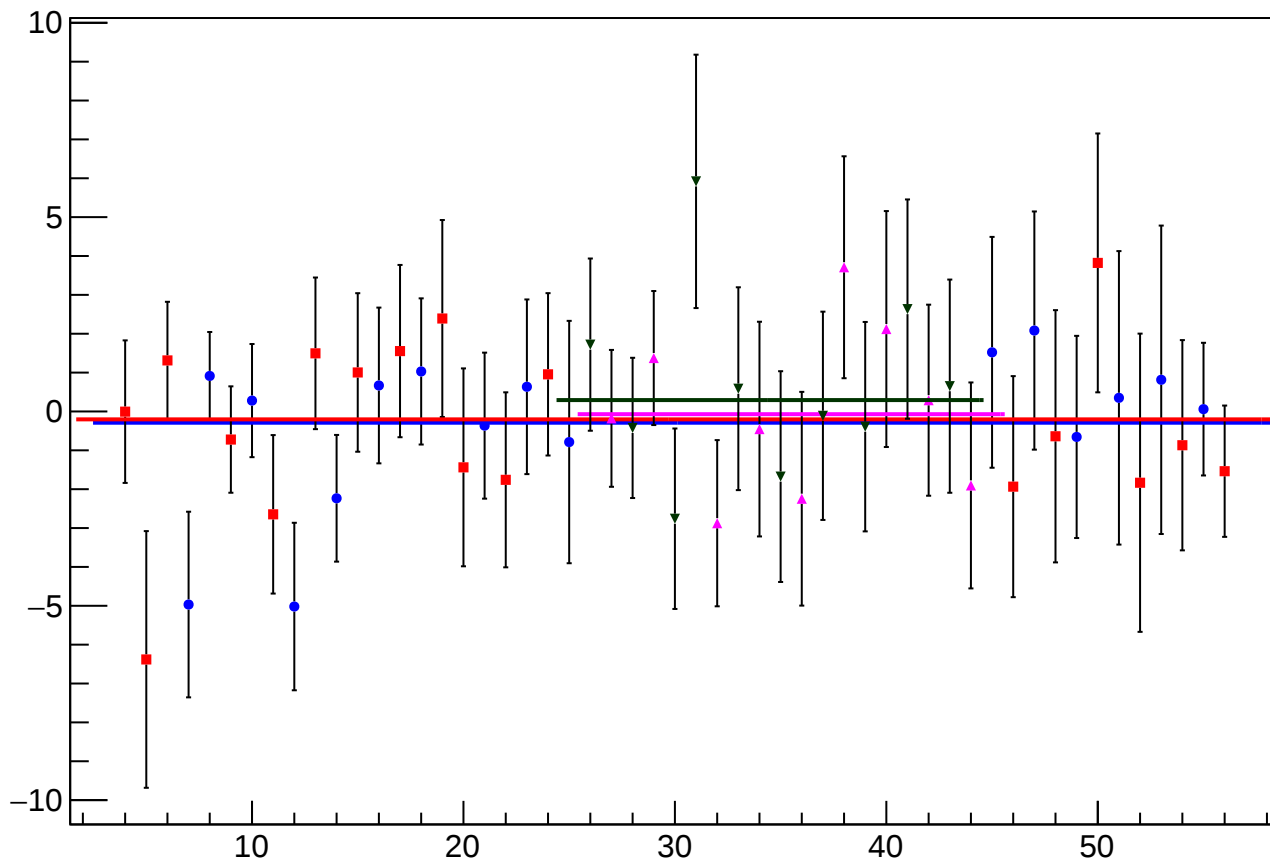
4264.161+/-0.777 χ^2/NDF : 534509.1/25

Right Out: 4230.564+/-0.977 χ^2/NDF : 211102.8/17

4312.877+/-0.789 χ^2/NDF : 293087.8/26

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

diff_bpm16Y_mean vs slug



Right In: -0.289 ± 0.501 χ^2/NDF : 13.4/15

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

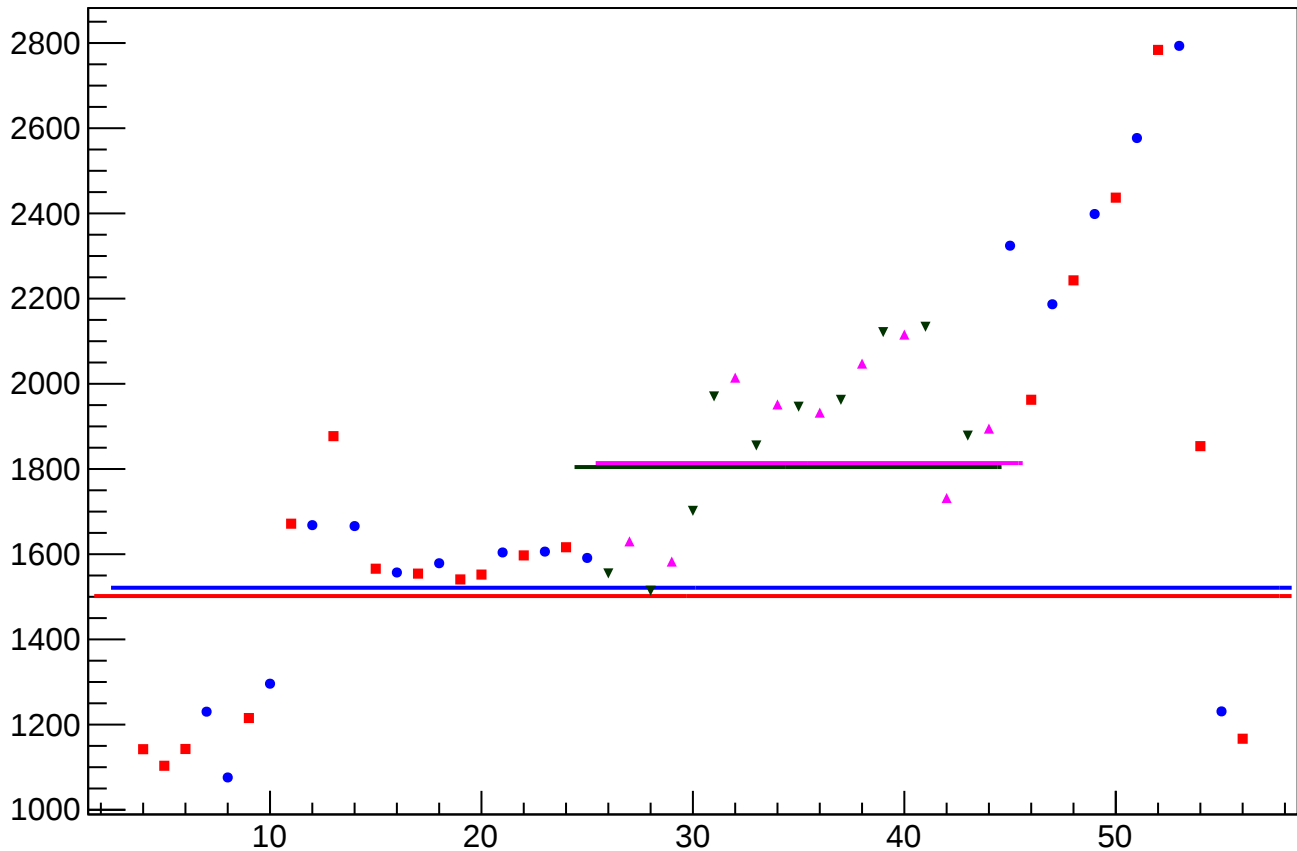
Right Out: -0.203 ± 0.506 χ^2/NDF : 12.6/17

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

-0.122 ± 0.423 χ^2/NDF : 20.4/25

-0.163 ± 0.423 χ^2/NDF : 18.5/26

diff_bpm16Y_rms vs slug



Right In: 1521.264+/-0.354 χ^2/NDF : 1310989.1/15

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

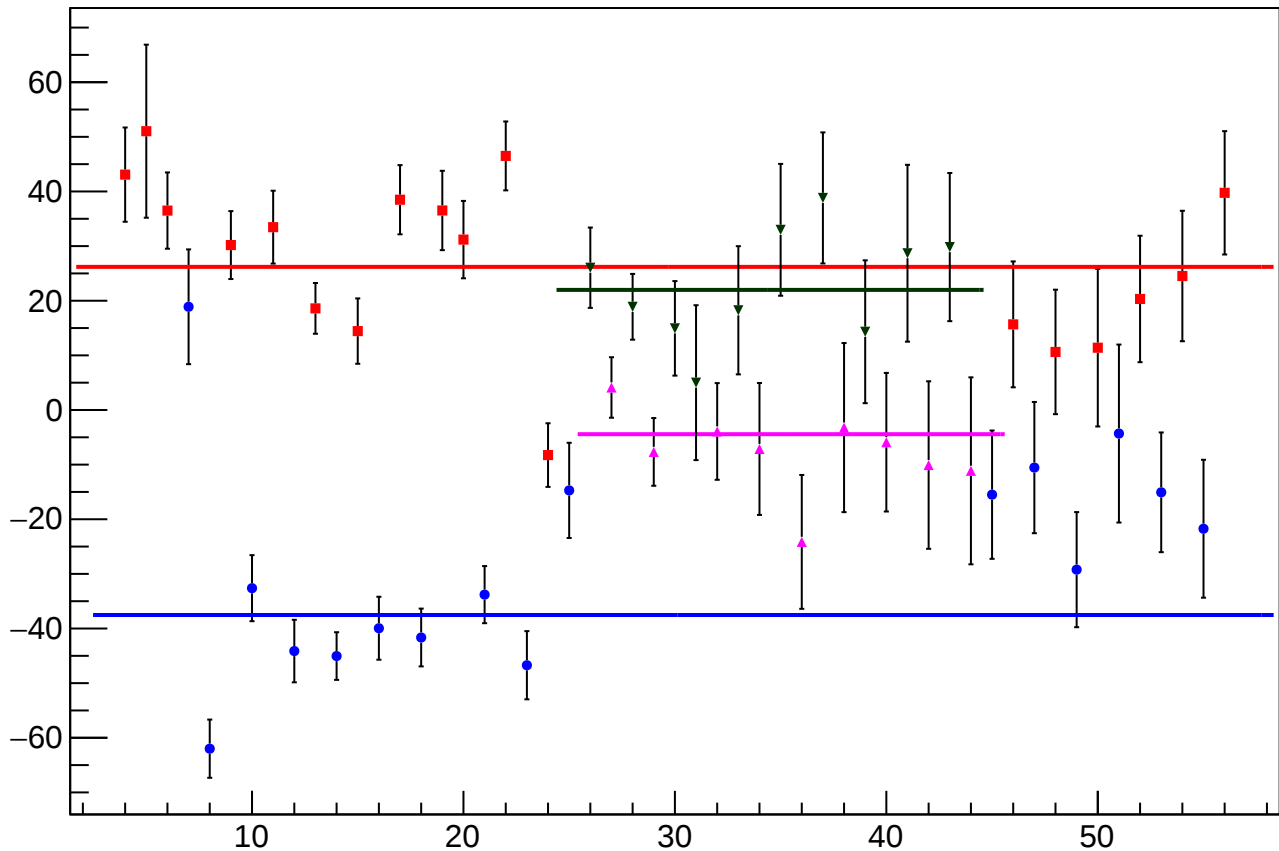
1602.795+/-0.299 χ^2/NDF : 1650715.2/25

Right Out: 1501.756+/-0.358 χ^2/NDF : 1059126.2/17

1595.554+/-0.299 χ^2/NDF : 1409308.1/26

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

diff_bpm0l01X_mean vs slug



Right In: -37.524 $\pm$ 1.721 χ^2 /NDF: 84.3/15

Left Out: 21.984 $\pm$ 3.153 χ^2 /NDF:6.4/9

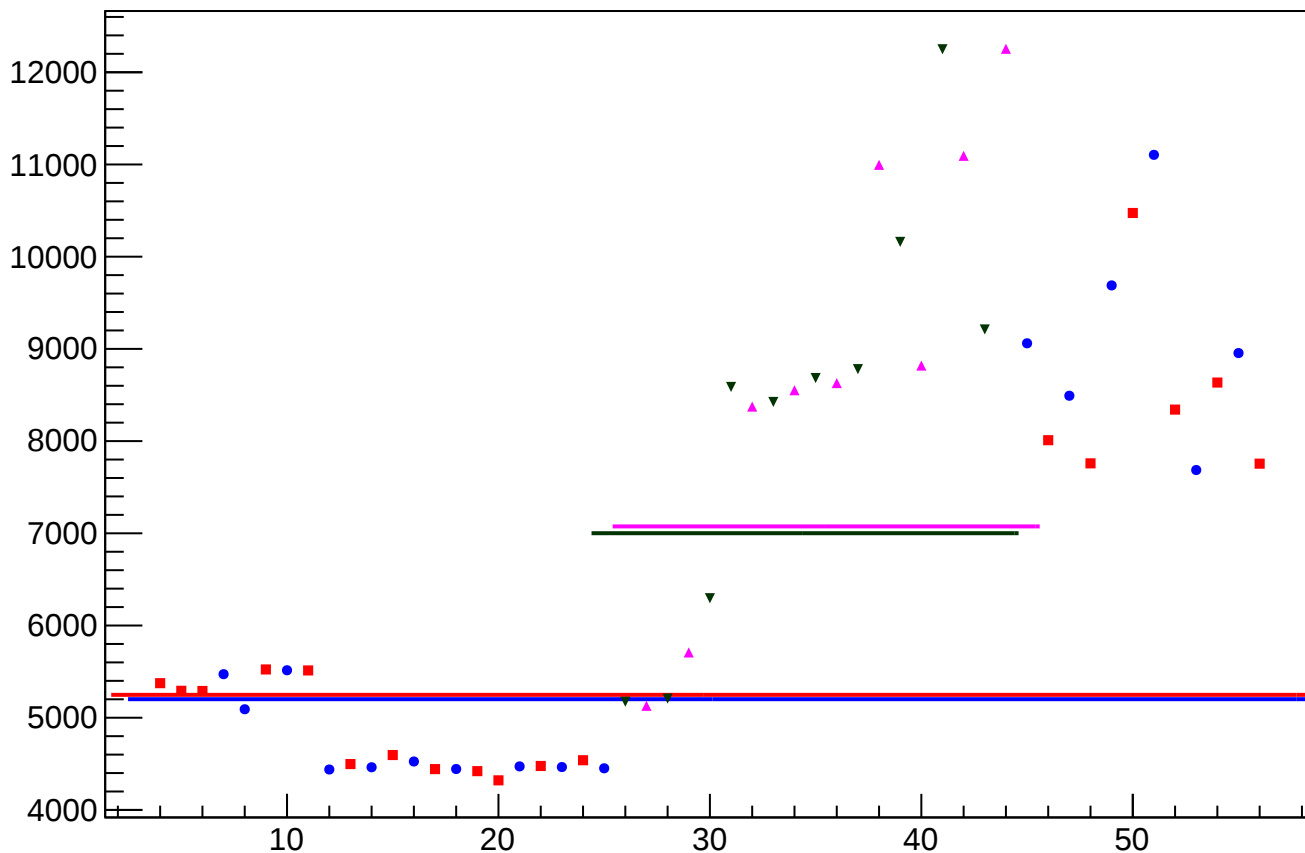
Right Out: 26.200 $\pm$ 1.764 χ^2 /NDF: 73.7/17

Left In: -4.429 $\pm$ 3.116 χ^2 /NDF:5.6/8

-23.863 $\pm$ 1.511 χ^2 /NDF: 365.2/25

18.766 $\pm$ 1.535 χ^2 /NDF: 152.5/26

diff_bpm0l01X_rms vs slug



Right In: 5201.026+/-1.217 χ^2/NDF : 1521739.4/15

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

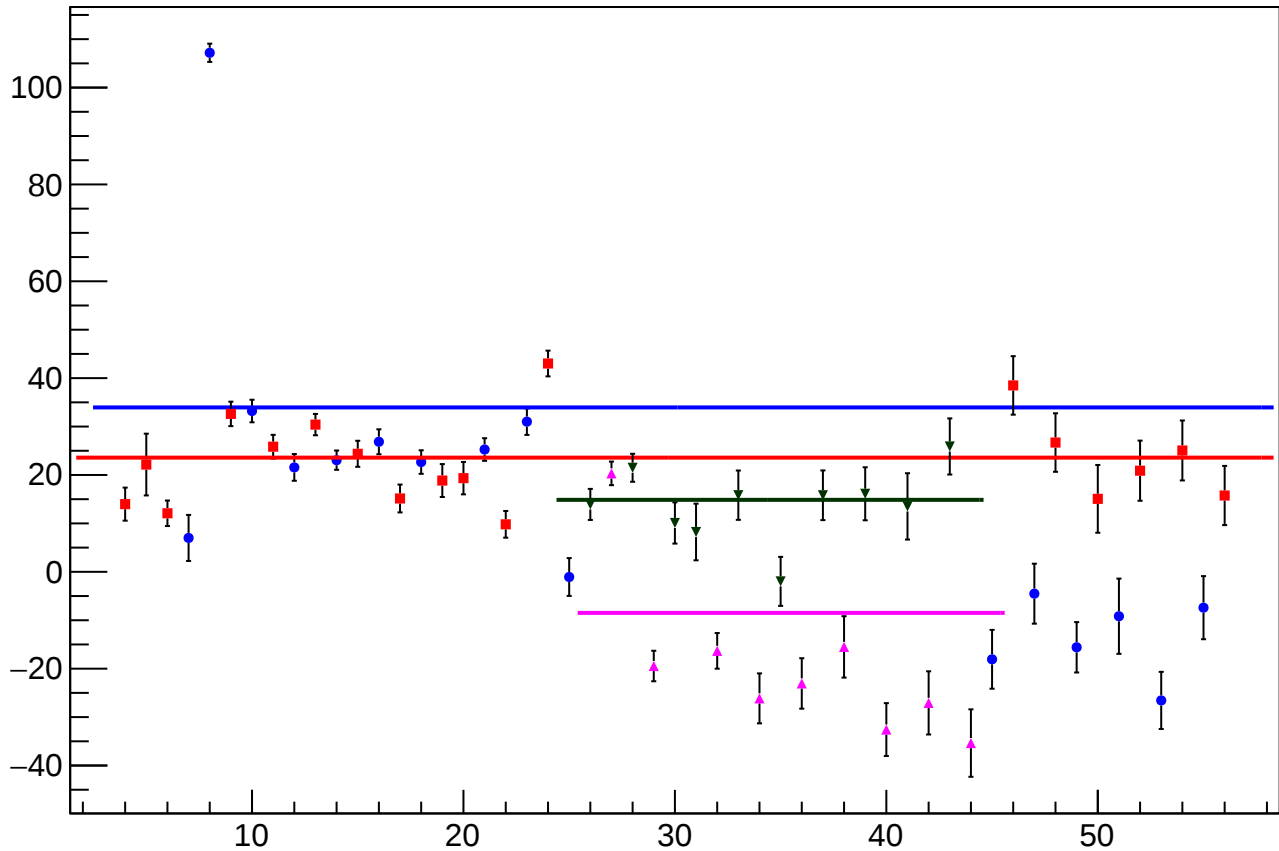
Right Out: 5248.200+/-1.247 χ^2/NDF : 1113005.1/17

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

5614.281+/-1.068 χ^2/NDF : 2855799.9/25

5691.532+/-1.085 χ^2/NDF : 2570051.8/26

diff_bpm0l01Y_mean vs slug



Right In: 33.951 ± 0.755 χ^2/NDF : 2096.3/15

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

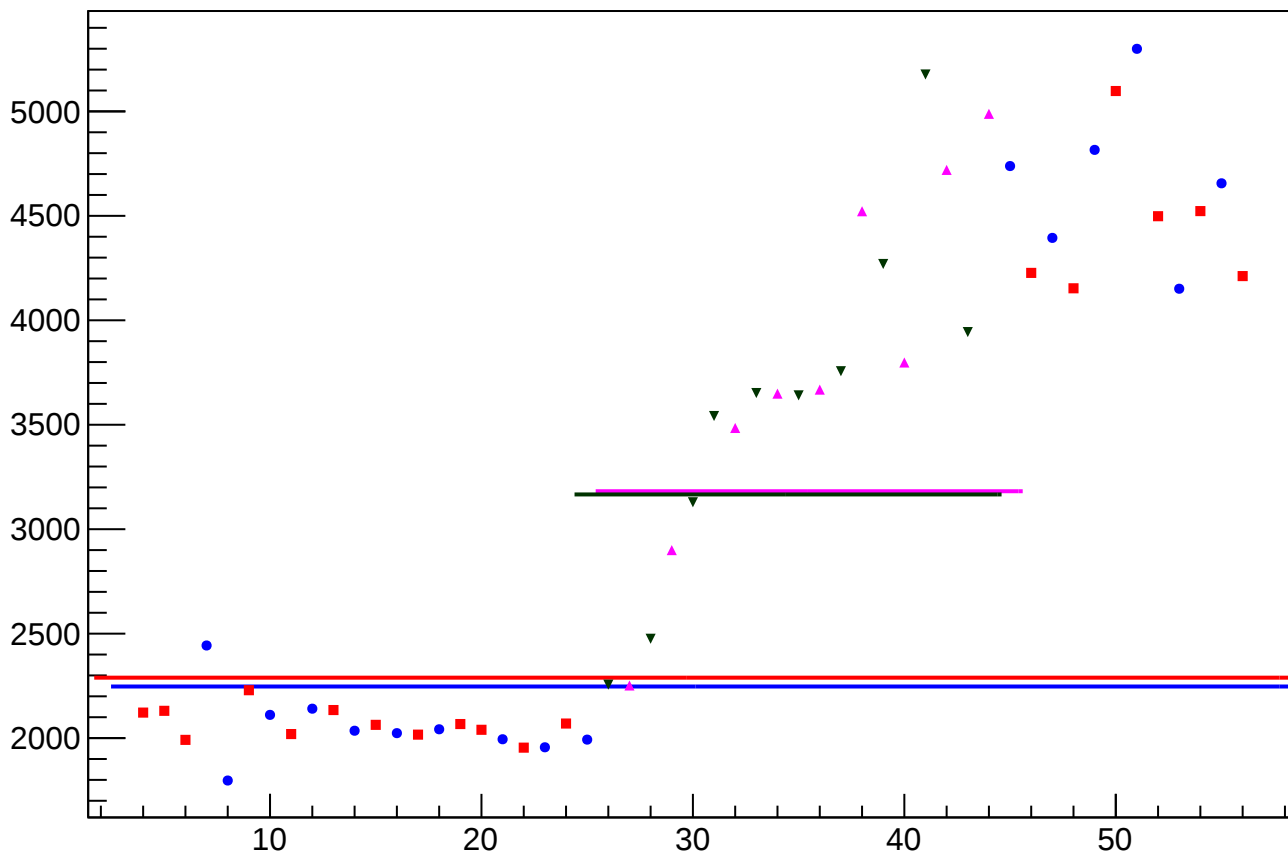
Right Out: 23.583 ± 0.779 χ^2/NDF : 150.6/17

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

29.709 ± 0.666 χ^2/NDF : 2261.0/25

15.888 ± 0.679 χ^2/NDF : 776.8/26

diff_bpm0l01Y_rms vs slug



Right In: 2246.999+/-0.534 χ^2/NDF : 2088600.0/15

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

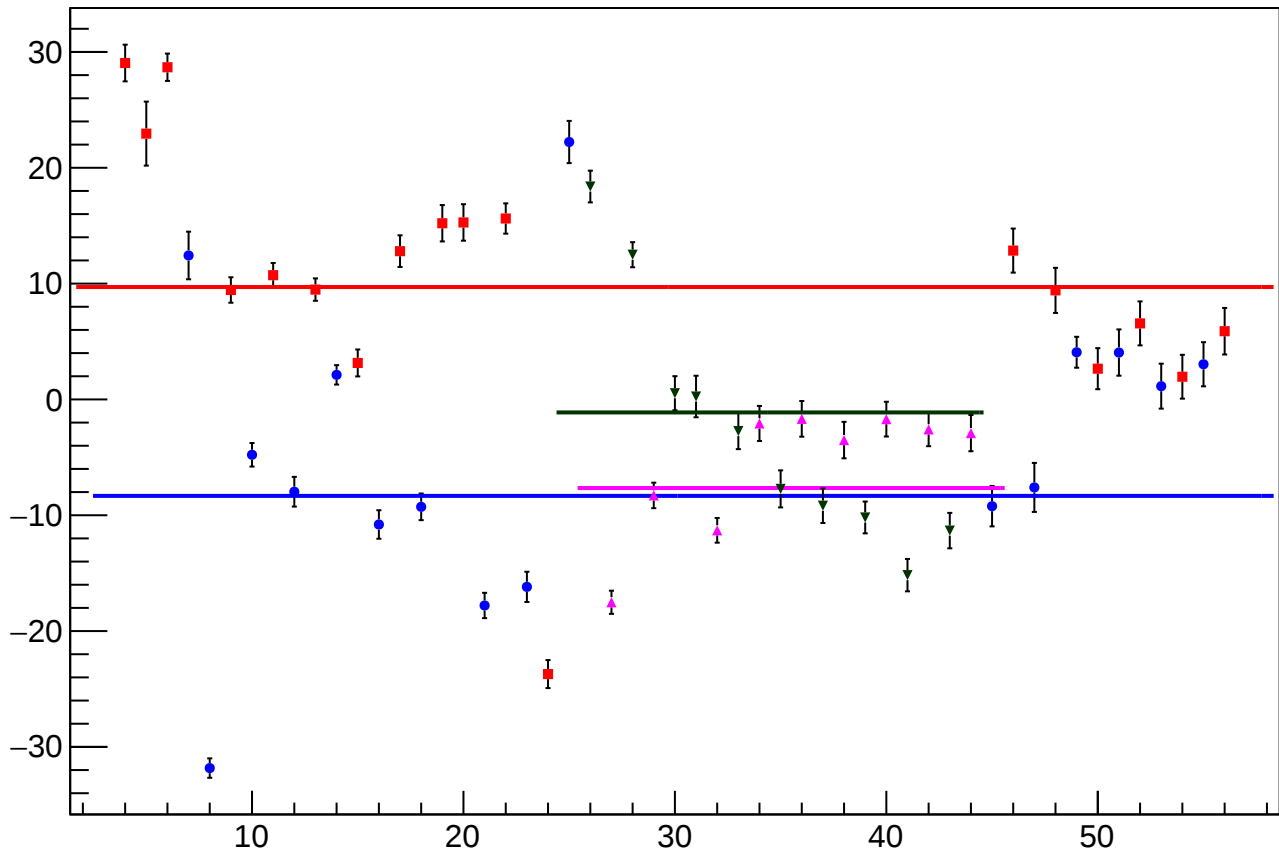
Right Out: 2289.312+/-0.551 χ^2/NDF : 1591473.9/17

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

2451.326+/-0.471 χ^2/NDF : 3383433.9/25

2503.495+/-0.480 χ^2/NDF : 2936468.7/26

diff_bpm2i01X_mean vs slug



Right In: -8.328 ± 0.321 χ^2/NDF : 1635.9/15

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

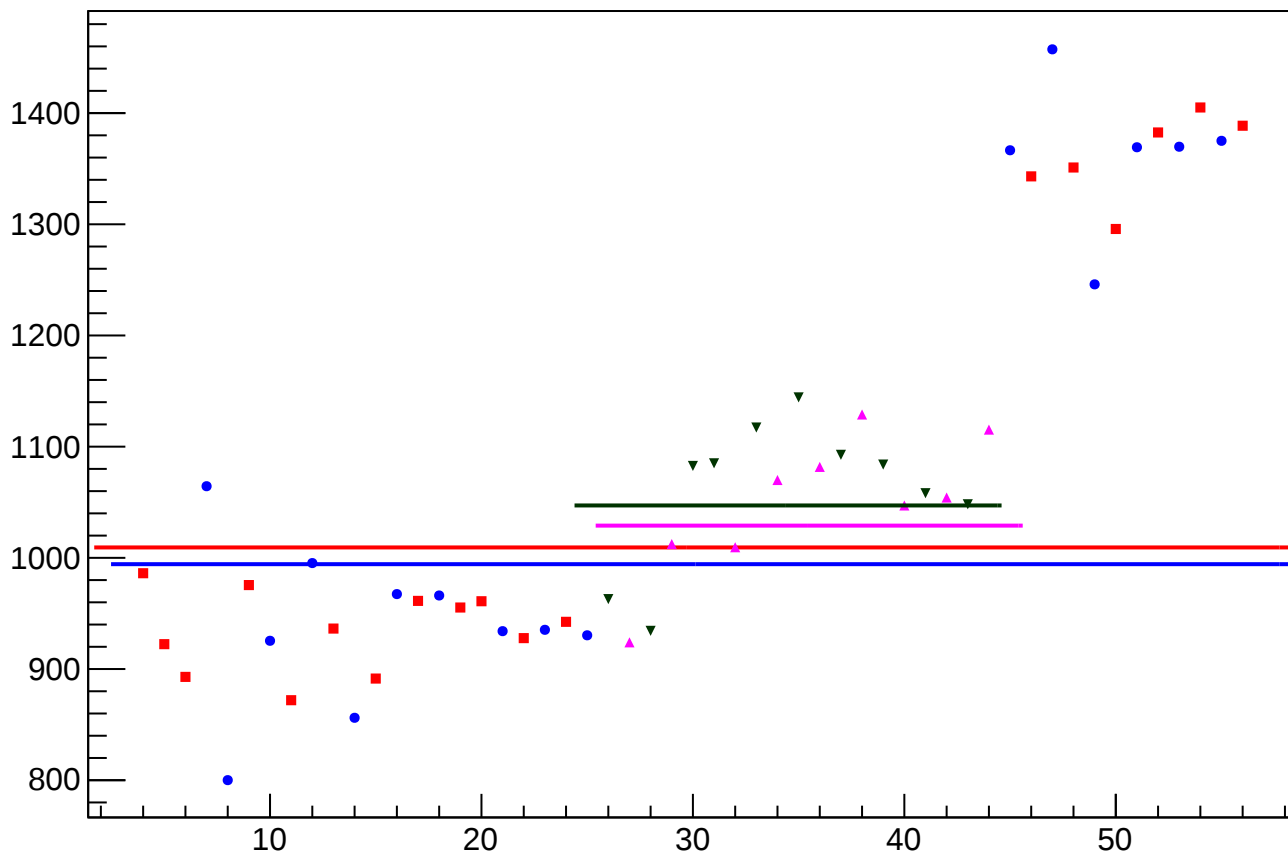
Right Out: 9.706 ± 0.332 χ^2/NDF : 1318.9/17

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

-5.917 ± 0.262 χ^2/NDF : 2403.5/25

3.303 ± 0.264 χ^2/NDF : 2507.2/26

diff_bpm2i01X_rms vs slug



Right In: 994.304+/-0.227 χ^2/NDF : 671180.0/15

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

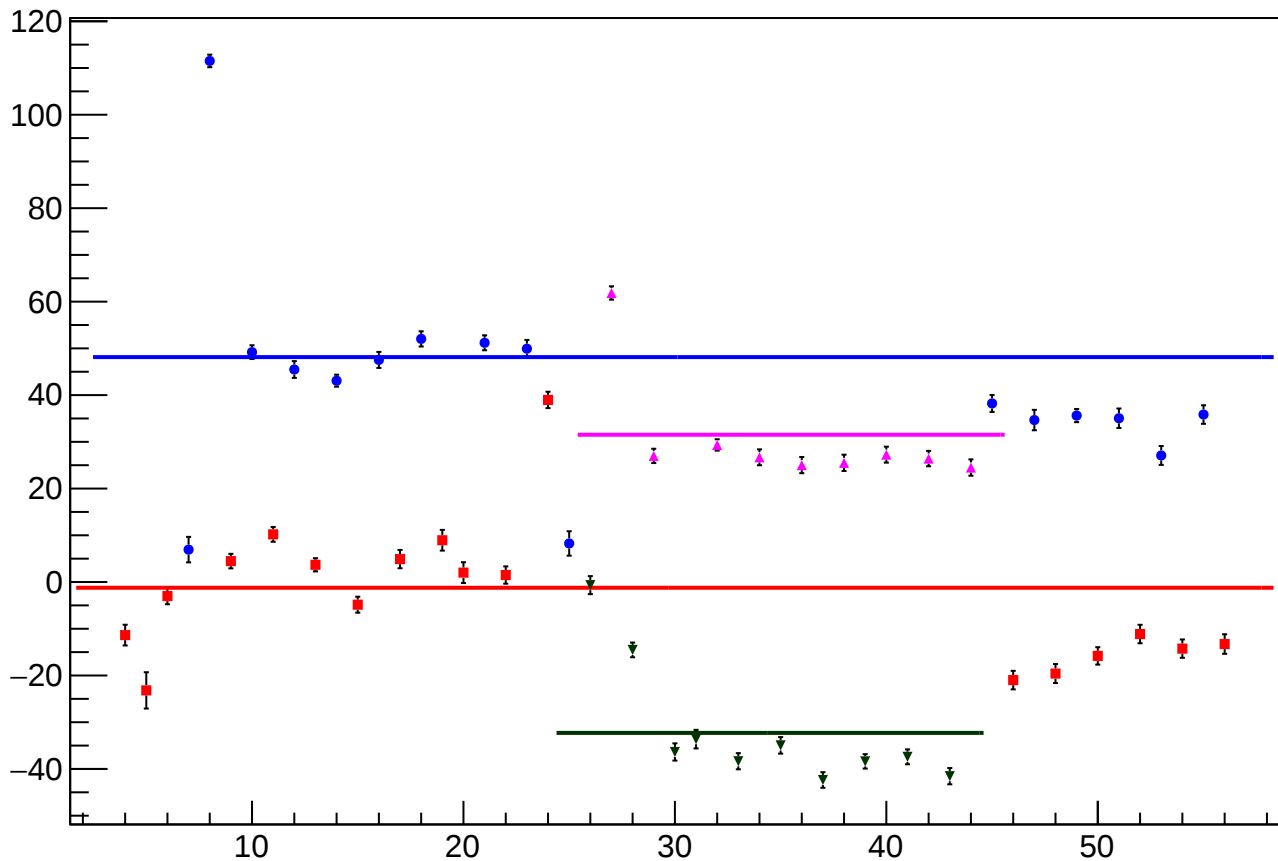
Right Out: 1009.358+/-0.235 χ^2/NDF : 521562.8/17

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

1011.977+/-0.185 χ^2/NDF : 735437.1/25

1016.599+/-0.187 χ^2/NDF : 566203.5/26

diff_bpm2i01Y_mean vs slug



Right In: 48.133+/-0.432 χ^2/NDF : 3053.0/15

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

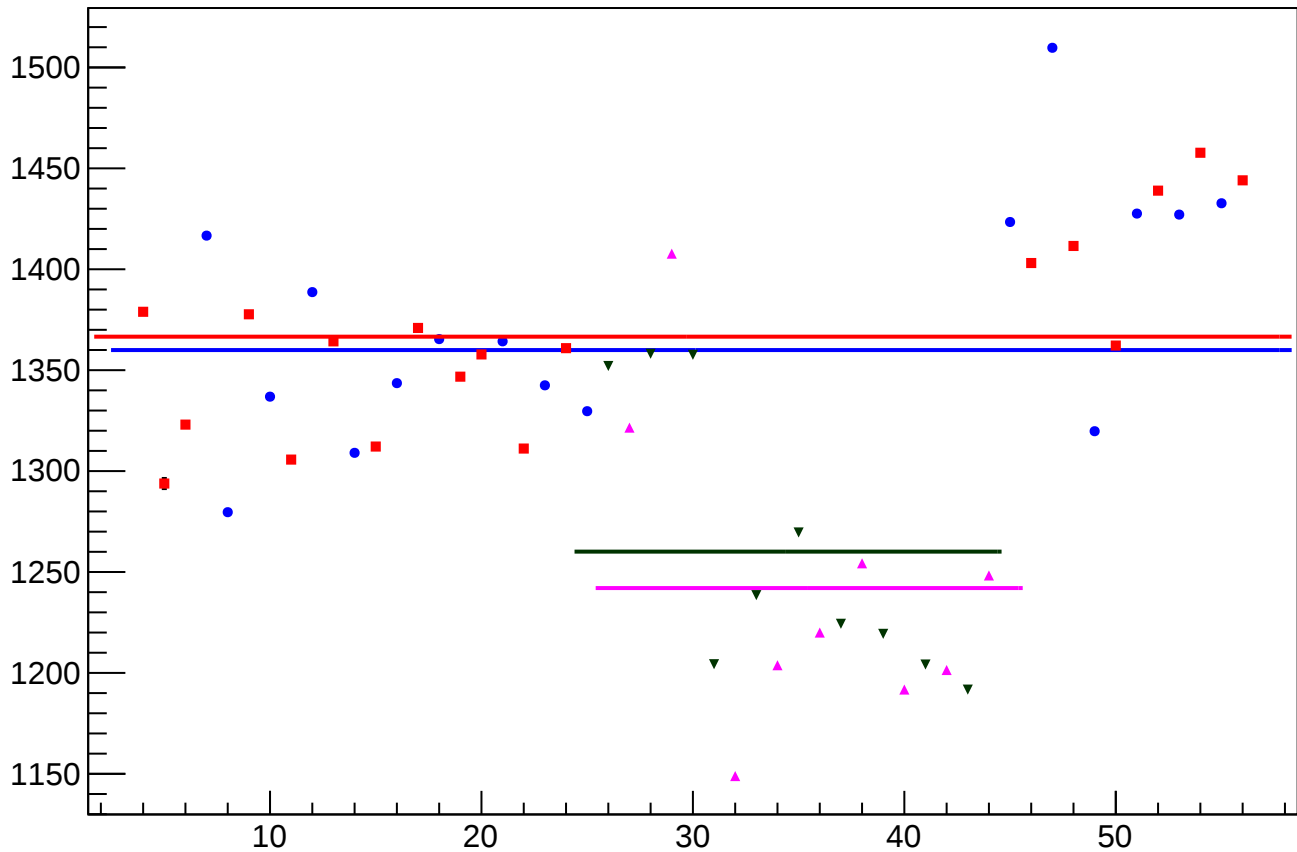
Right Out: -1.225+/-0.444 χ^2/NDF : 1044.3/17

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

17.029+/-0.338 χ^2/NDF : 16955.1/25

12.464+/-0.339 χ^2/NDF : 3843.5/26

diff_bpm2i01Y_rms vs slug



Right In: 1359.968 ± 0.306 χ^2/NDF : 33319.6/15

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

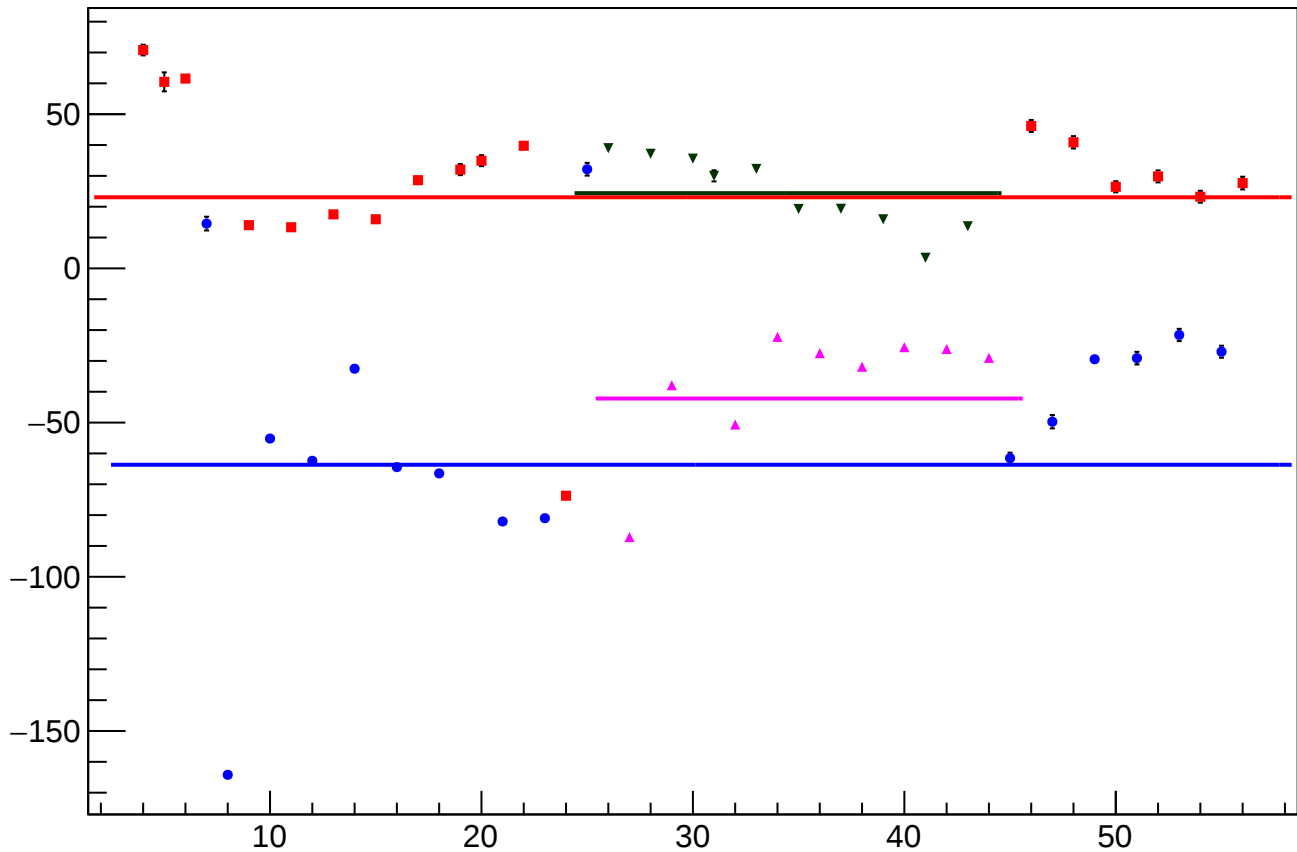
Right Out: 1366.605 ± 0.314 χ^2/NDF : 20510.0/17

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

1321.340 ± 0.239 χ^2/NDF : 102354.6/25

1314.530 ± 0.240 χ^2/NDF : 132062.3/26

diff_bpm2i02X_mean vs slug



Right In: -63.681 ± 0.358 $\chi^2/\text{NDF}: 17203.2/15$

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

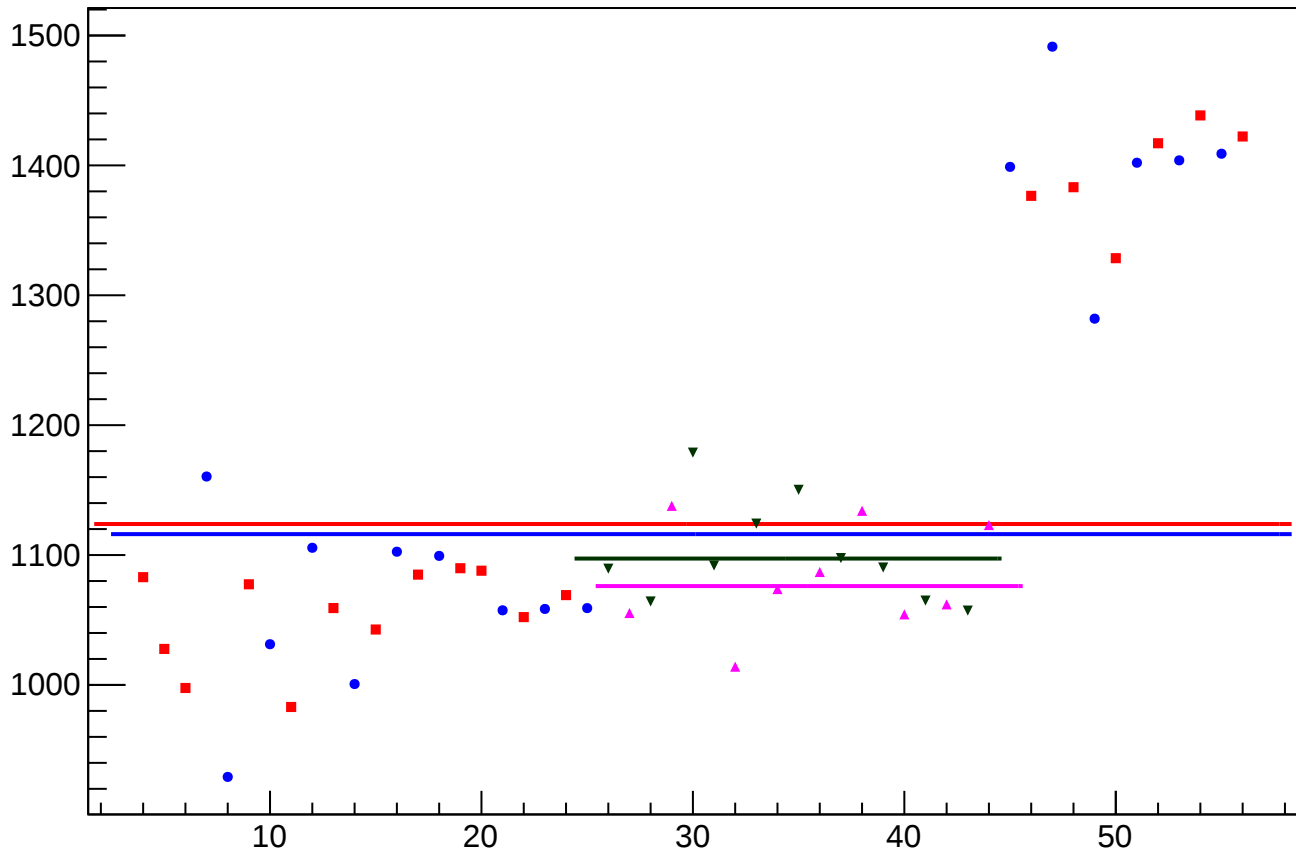
-31.690 ± 0.285 $\chi^2/\text{NDF}: 39838.8/25$

Right Out: 23.056 ± 0.368 $\chi^2/\text{NDF}: 7354.1/17$

-2.809 ± 0.286 $\chi^2/\text{NDF}: 22068.1/26$

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

diff_bpm2i02X_rms vs slug



Right In: 1116.101+/-0.253 χ^2/NDF : 388671.8/15

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

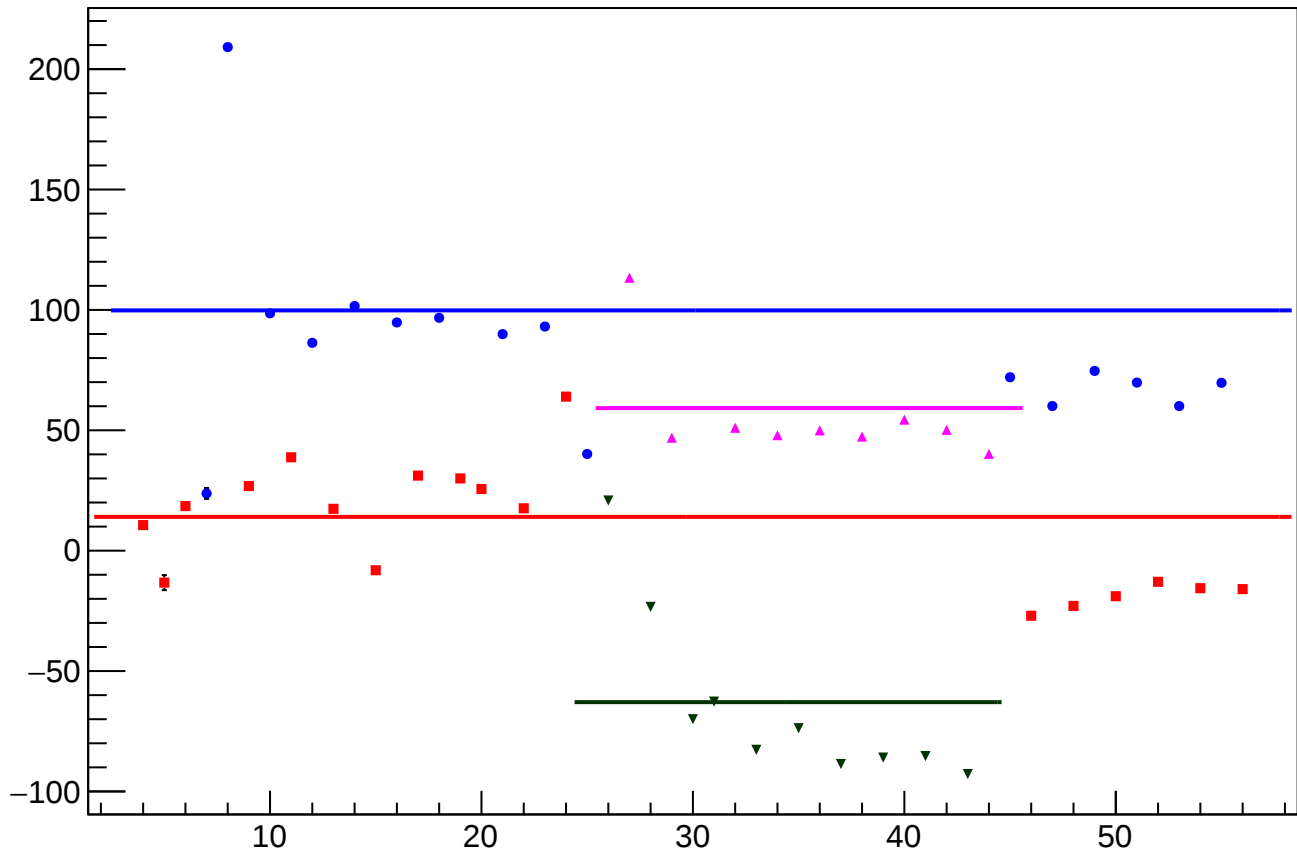
1109.270+/-0.202 χ^2/NDF : 402595.5/25

Right Out: 1123.886+/-0.260 χ^2/NDF : 310115.0/17

1104.946+/-0.202 χ^2/NDF : 340998.4/26

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

diff_bpm2i02Y_mean vs slug



Right In: 99.801 $\pm$ 0.359 χ^2 /NDF: 15846.6/15

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

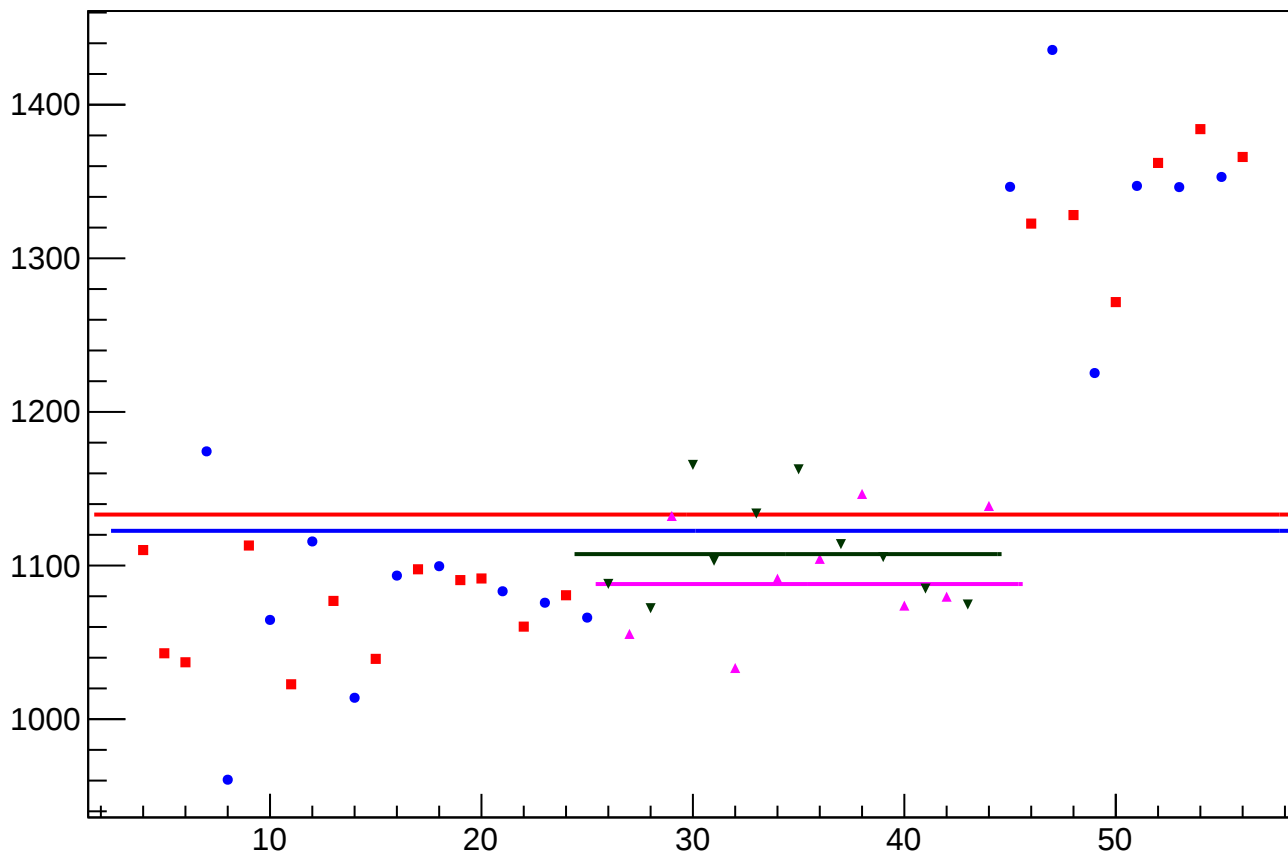
Right Out: 14.037 $\pm$ 0.370 χ^2 /NDF: 4318.4/17

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

41.151 $\pm$ 0.287 χ^2 /NDF: 95357.3/25

31.840 $\pm$ 0.288 χ^2 /NDF: 12936.1/26

diff_bpm2i02Y_rms vs slug



Right In: 1122.599 $\pm$ 0.254 χ^2 /NDF: 263789.7/15

Left Out: 1107.440 $\pm$ 0.338 χ^2 /NDF: 8902.6/9

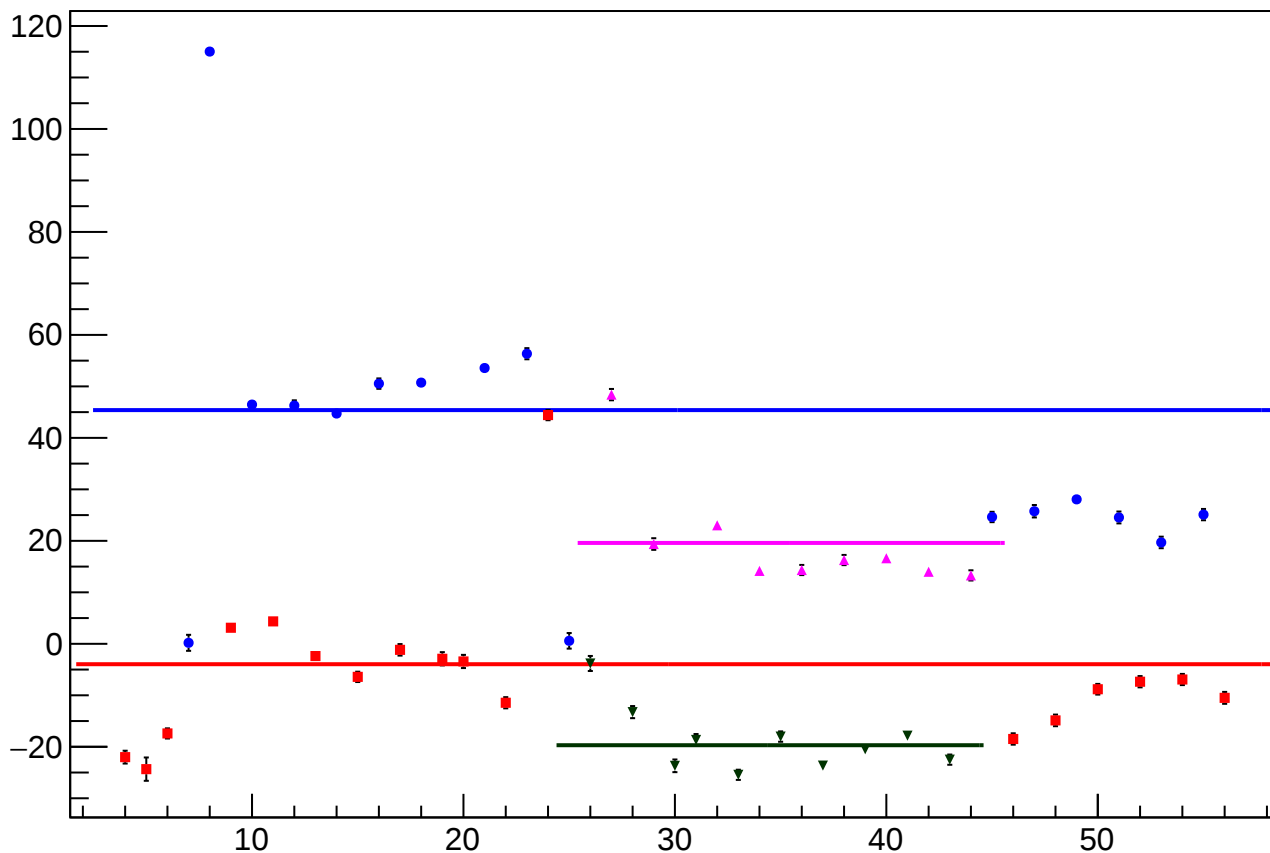
Right Out: 1133.189 $\pm$ 0.262 χ^2 /NDF: 201645.6/17

Left In: 1087.950 $\pm$ 0.324 χ^2 /NDF: 14406.0/8

1117.135 $\pm$ 0.203 χ^2 /NDF: 273979.9/25

1115.360 $\pm$ 0.204 χ^2 /NDF: 227838.3/26

diff_bpm1i04X_mean vs slug



Right In: 45.394 $\pm$ 0.245 χ^2 /NDF: 12769.7/15

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

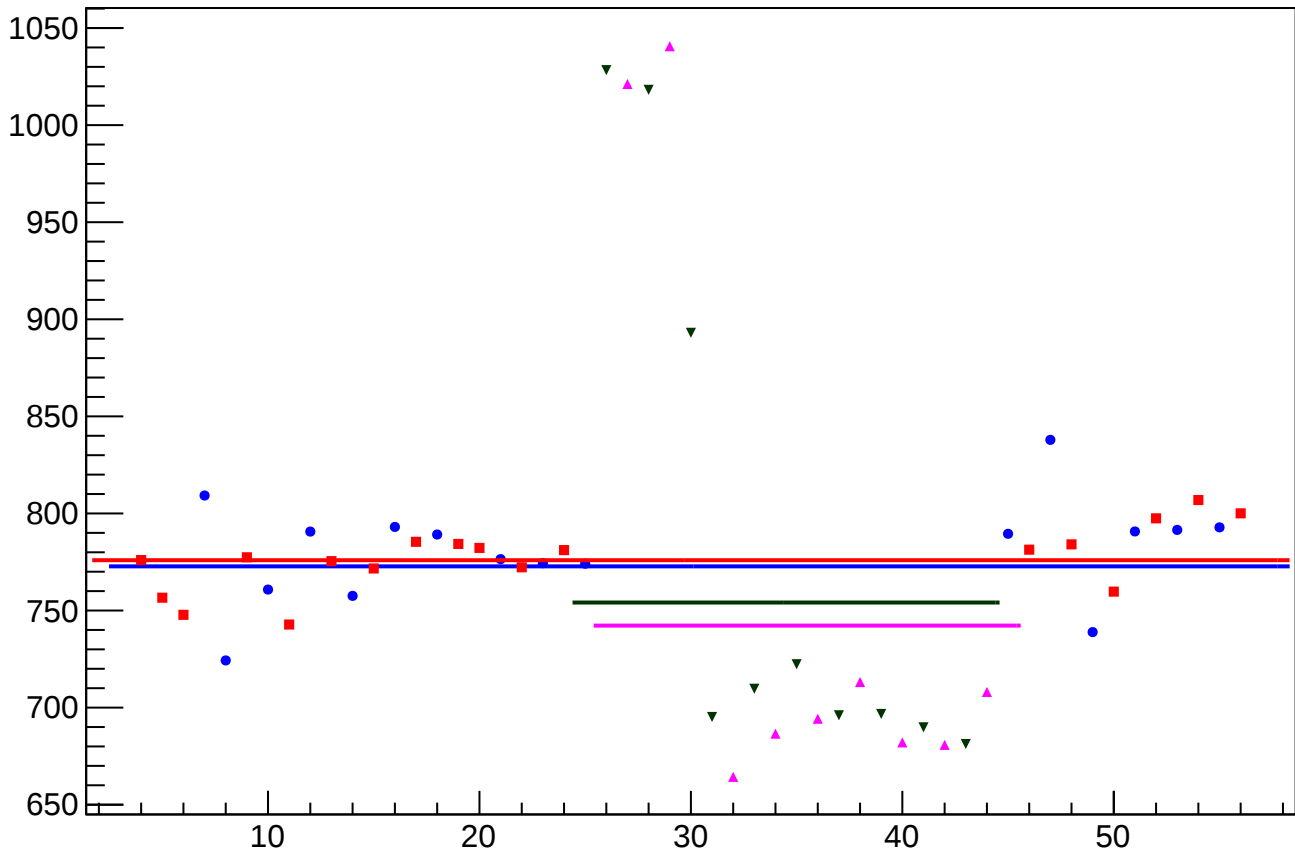
Right Out: -3.961 $\pm$ 0.252 χ^2 /NDF: 3359.8/17

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

22.177 $\pm$ 0.197 χ^2 /NDF: 38141.6/25

5.152 $\pm$ 0.197 χ^2 /NDF: 7608.0/26

diff_bpm1i04X_rms vs slug



Right In: 772.746 ± 0.173 χ^2/NDF : 24334.7/15

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

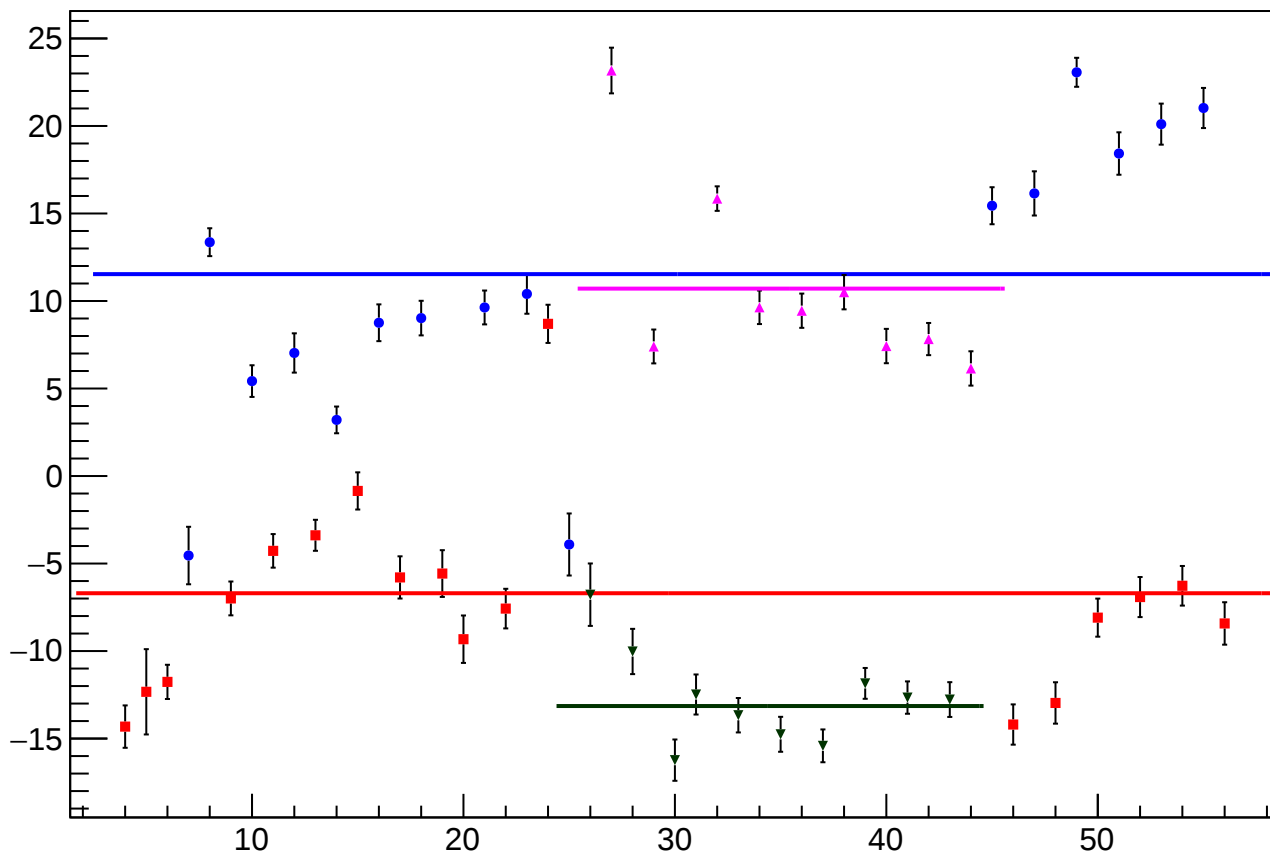
Right Out: 775.918 ± 0.178 χ^2/NDF : 8792.5/17

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

766.102 ± 0.139 χ^2/NDF : 272949.4/25

762.889 ± 0.139 χ^2/NDF : 346663.2/26

diff_bpm1i04Y_mean vs slug



Right In: 11.535+/-0.259 χ^2 /NDF: 751.1/15

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

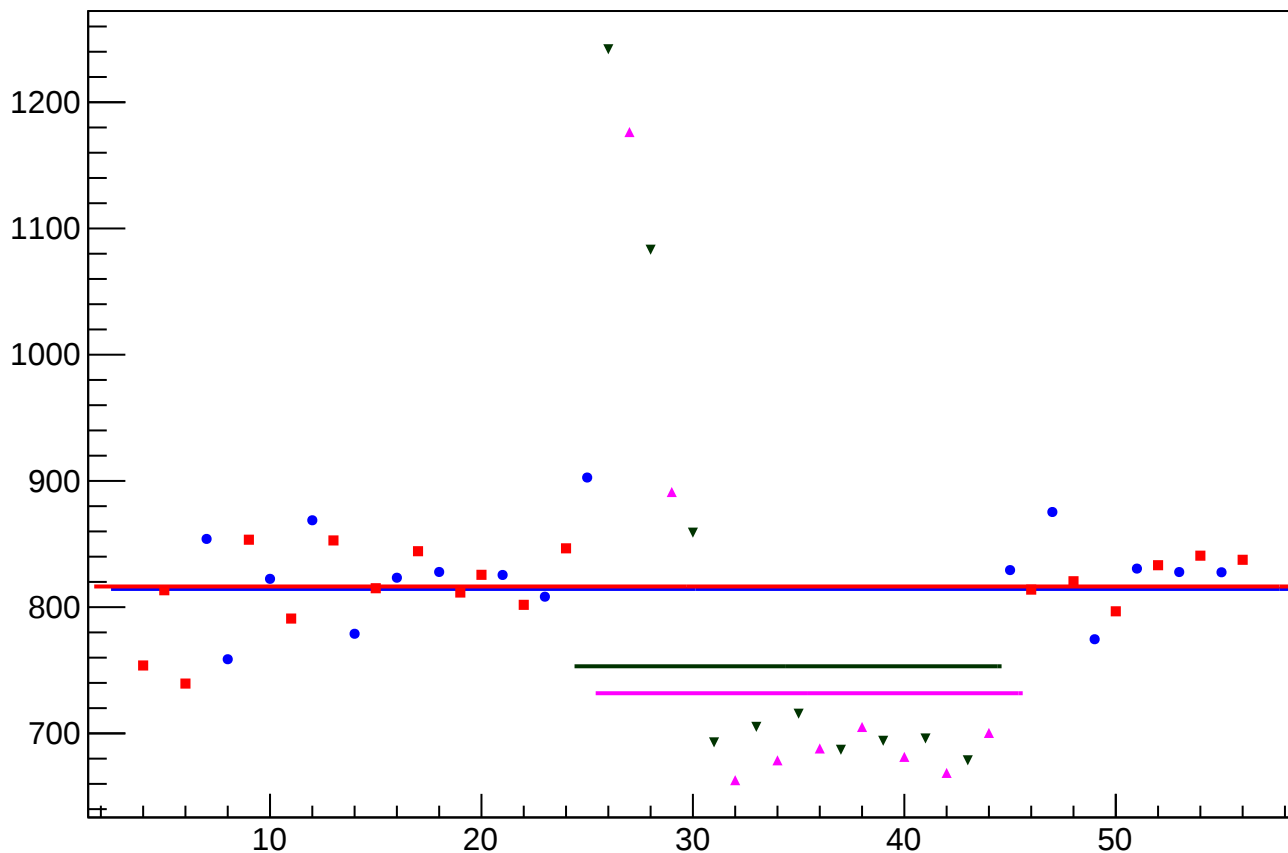
Right Out: -6.697+/-0.266 χ^2 /NDF: 401.7/17

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

2.227+/-0.204 χ^2 /NDF: 4216.2/25

0.557+/-0.203 χ^2 /NDF: 2392.7/26

diff_bpm1i04Y_rms vs slug



Right In: 814.447 $\pm$ 0.183 χ^2 /NDF: 36480.6/15

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

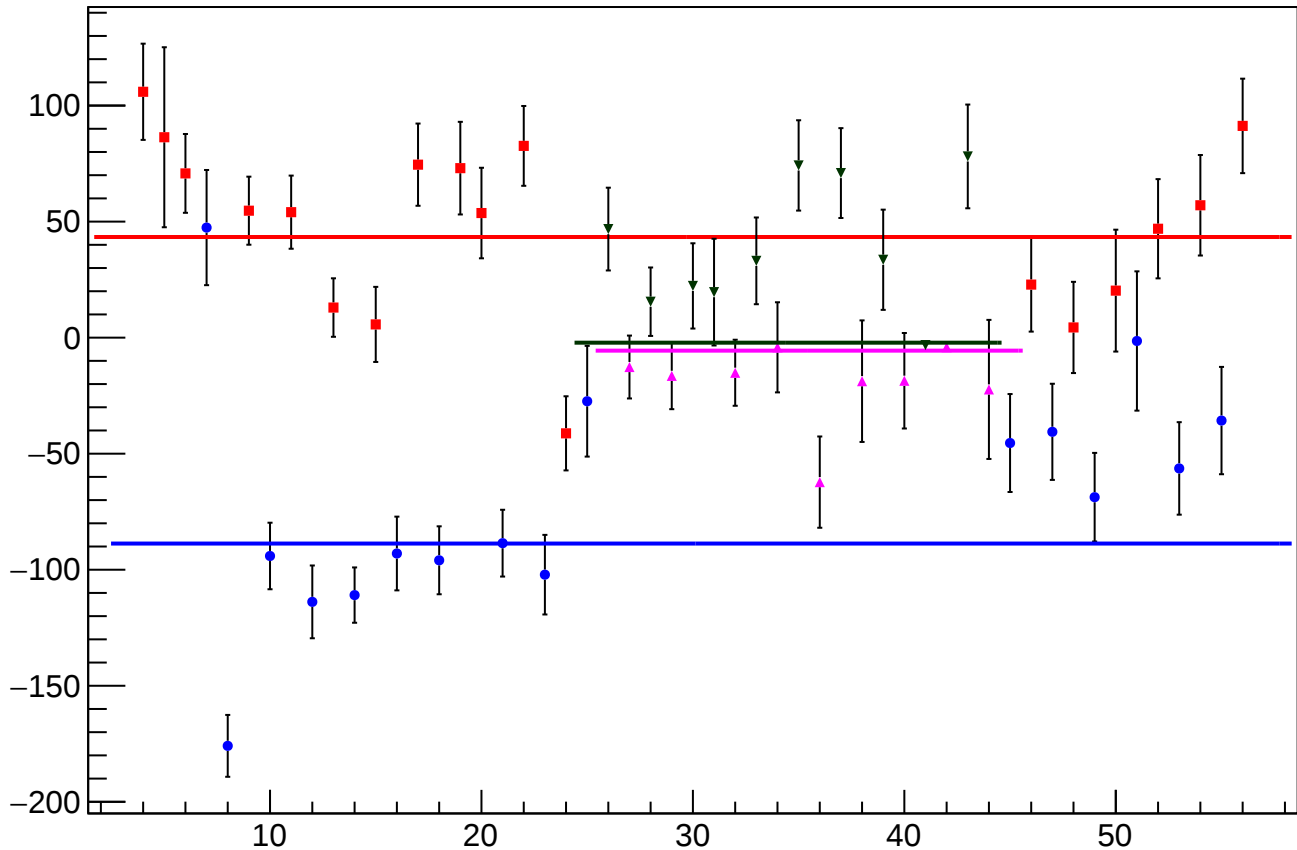
Right Out: 816.382 $\pm$ 0.188 χ^2 /NDF: 31185.1/17

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

791.328 $\pm$ 0.144 χ^2 /NDF: 426225.7/25

781.136 $\pm$ 0.143 χ^2 /NDF: 449618.7/26

diff_bpm0l02X_mean vs slug



Right In: -88.722 ± 4.277 χ^2/NDF : 113.6/15

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

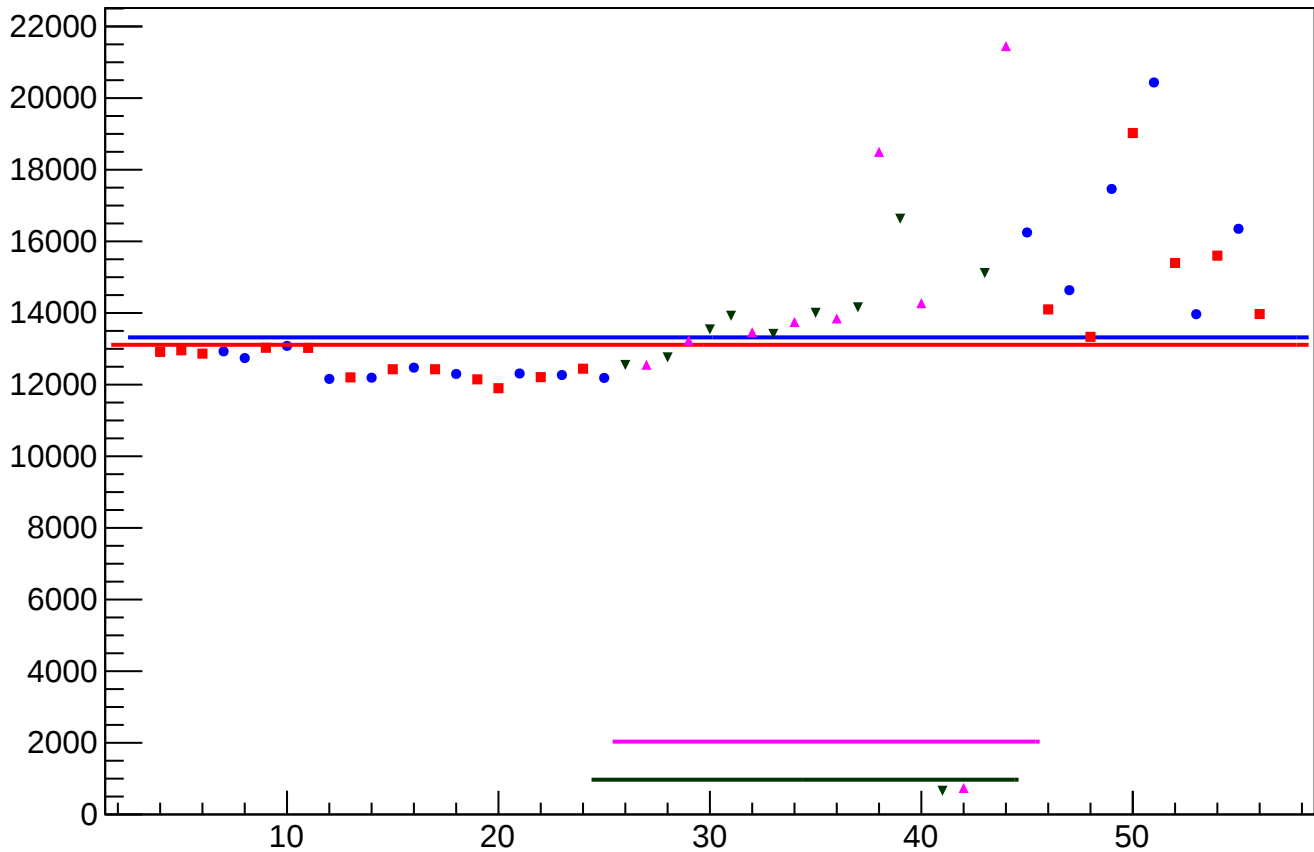
Right Out: 43.365 ± 4.300 χ^2/NDF : 75.8/17

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

-6.414 ± 0.948 χ^2/NDF : 564.7/25

2.812 ± 1.782 χ^2/NDF : 194.3/26

diff_bpm0l02X_rms vs slug



Right In: 13319.590 $\pm$ 3.024 χ^2 /NDF: 360702.2/15

Left Out: 970.582 $\pm$ 0.687 χ^2 /NDF:8456735.2/9

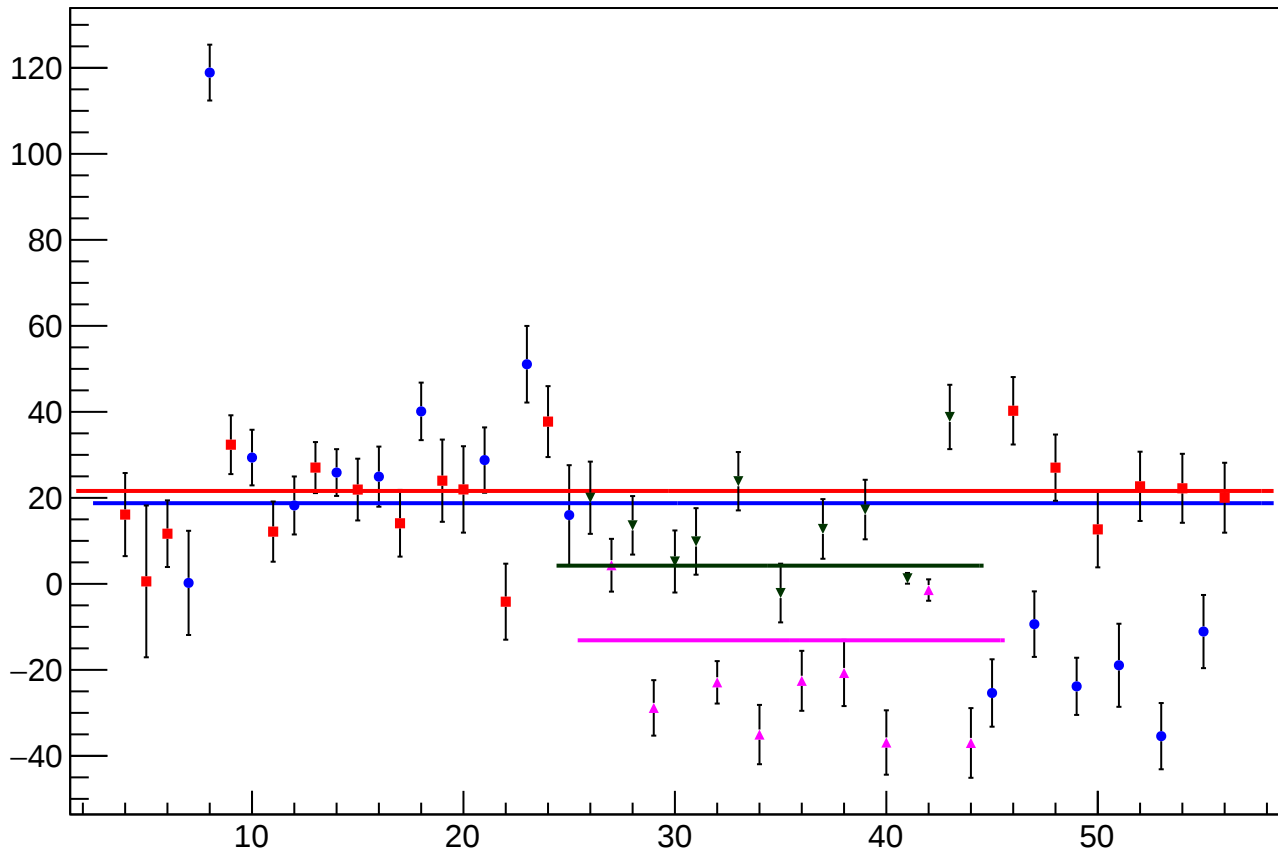
1576.786 $\pm$ 0.670 χ^2 /NDF: 24670866.0/25

Right Out: 13112.404 $\pm$ 3.040 χ^2 /NDF: 198286.2/17

3936.310 $\pm$ 1.260 χ^2 /NDF: 19487212.2/26

Left In: 2033.232 $\pm$ 1.385 χ^2 /NDF:8290377.8/8

diff_bpm0l02Y_mean vs slug



Right In: 18.762 ± 1.864 $\chi^2/\text{NDF}: 433.8/15$

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

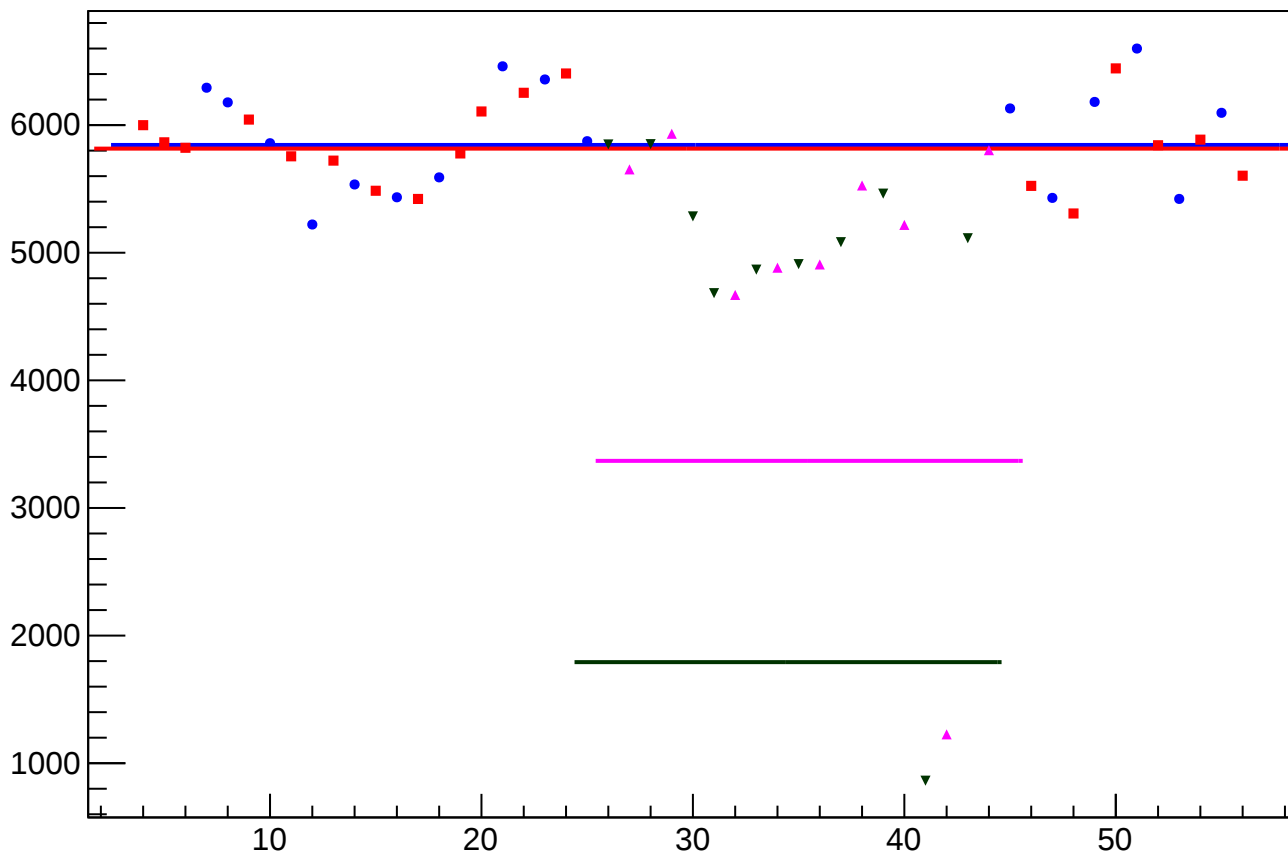
Right Out: 21.607 ± 1.899 $\chi^2/\text{NDF}: 29.1/17$

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

8.015 ± 0.951 $\chi^2/\text{NDF}: 526.0/25$

2.360 ± 1.268 $\chi^2/\text{NDF}: 286.0/26$

diff_bpm0l02Y_rms vs slug



Right In: 5844.447+/-1.318 χ^2/NDF : 94916.4/15

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

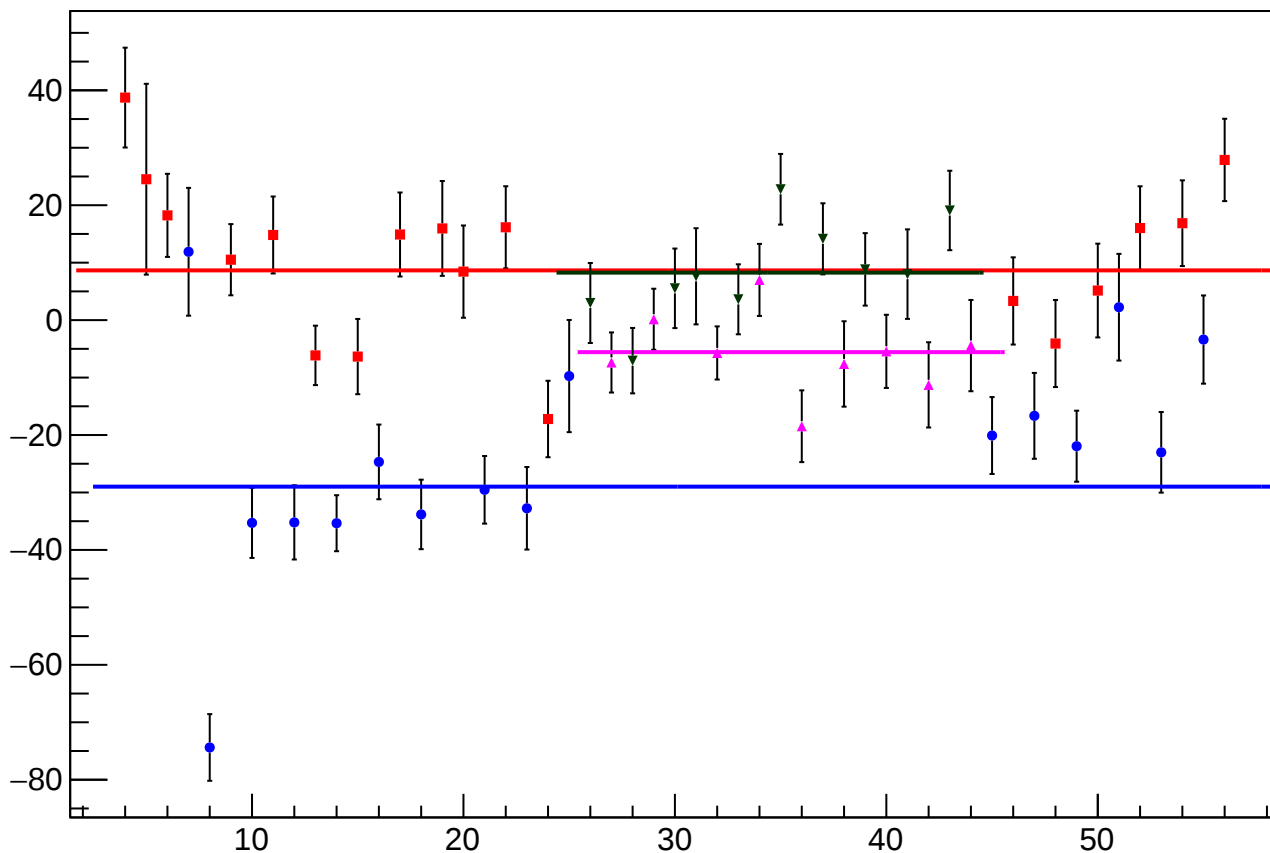
Right Out: 5815.757+/-1.343 χ^2/NDF : 52956.3/17

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

2846.580+/-0.672 χ^2/NDF : 12362239.5/25

4460.017+/-0.897 χ^2/NDF : 4757841.7/26

diff_bpm0l03X_mean vs slug



Right In: -28.986 ± 1.677 $\chi^2/\text{NDF}: 112.6/15$

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

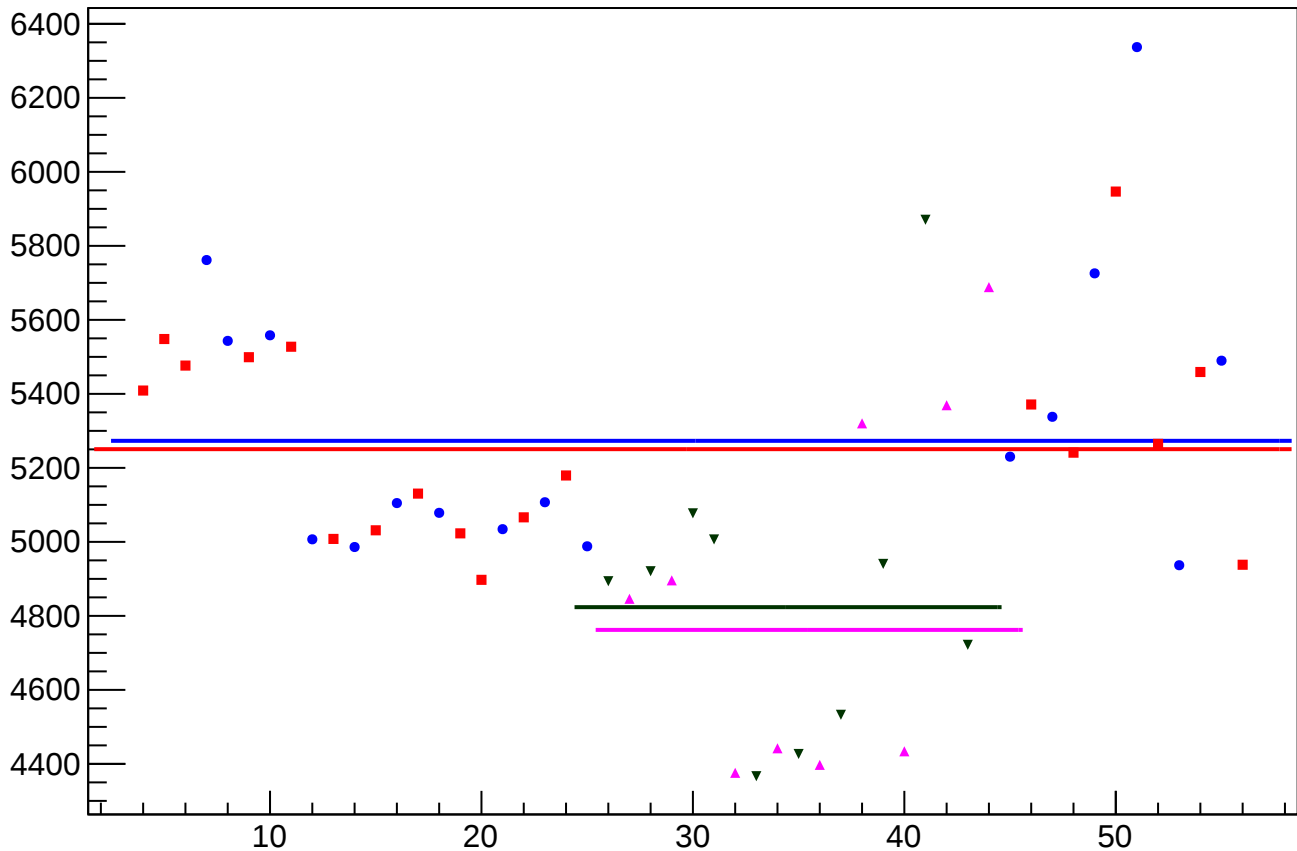
Right Out: 8.657 ± 1.709 $\chi^2/\text{NDF}: 59.7/17$

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

-14.411 ± 1.308 $\chi^2/\text{NDF}: 323.2/25$

2.698 ± 1.303 $\chi^2/\text{NDF}: 99.0/26$

diff_bpm0l03X_rms vs slug



Right In: 5273.090+/-1.186 χ^2/NDF : 75772.1/15

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

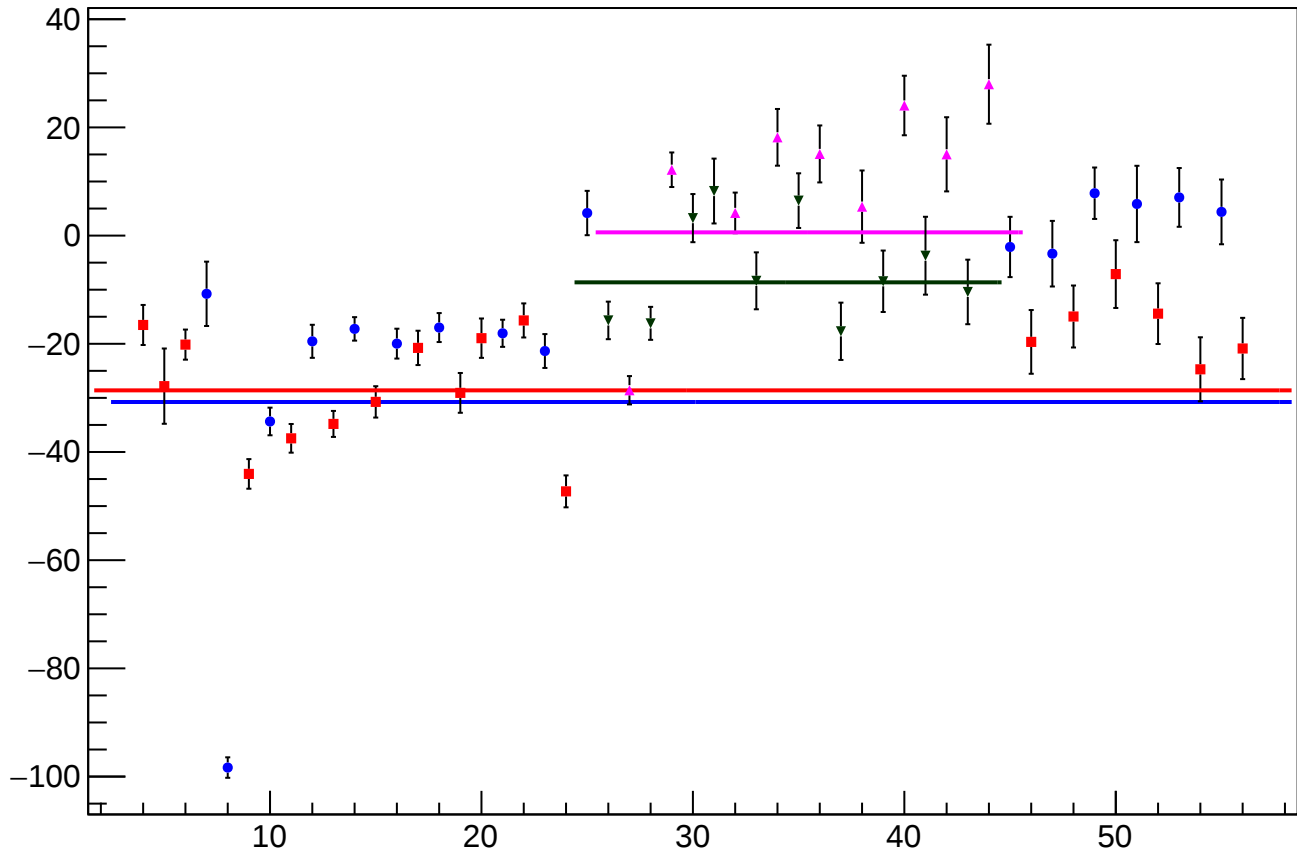
Right Out: 5250.551+/-1.209 χ^2/NDF : 44453.4/17

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

5097.227+/-0.925 χ^2/NDF : 197653.7/25

5046.038+/-0.921 χ^2/NDF : 197777.8/26

diff_bpm0l03Y_mean vs slug



Right In: -30.759 $\pm$ 0.801 χ^2 /NDF: 1711.6/15

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

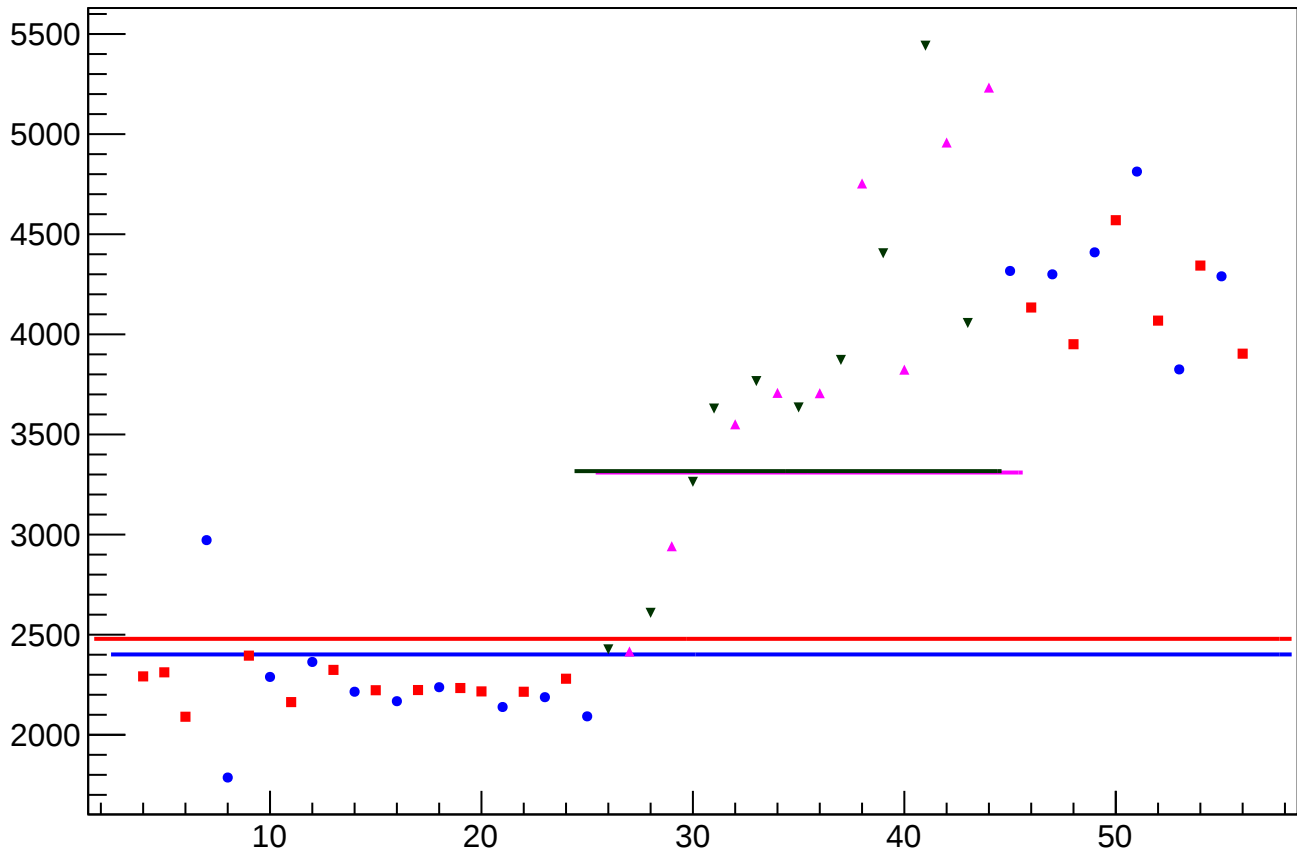
Right Out: -28.609 $\pm$ 0.836 χ^2 /NDF: 168.6/17

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

-25.729 $\pm$ 0.704 χ^2 /NDF: 1922.6/25

-21.246 $\pm$ 0.723 χ^2 /NDF: 670.6/26

diff_bpm0l03Y_rms vs slug



Right In: 2401.334+/-0.567 χ^2/NDF : 1672185.5/15

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

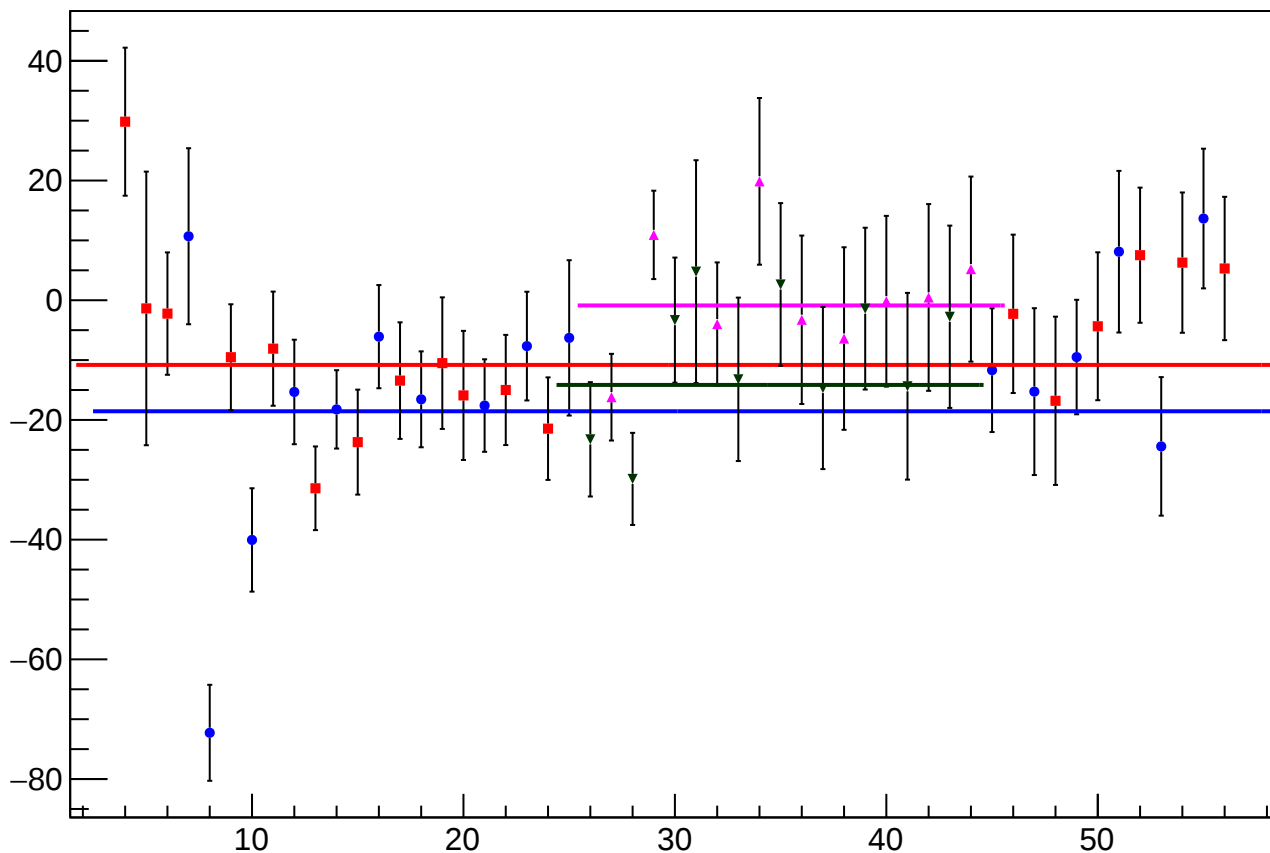
2609.515+/-0.498 χ^2/NDF : 2833877.0/25

Right Out: 2479.265+/-0.591 χ^2/NDF : 1153231.9/17

2688.643+/-0.511 χ^2/NDF : 2306292.3/26

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

diff_bpm0l04X_mean vs slug



Right In: -18.552 ± 2.360 χ^2/NDF : 72.8/15

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

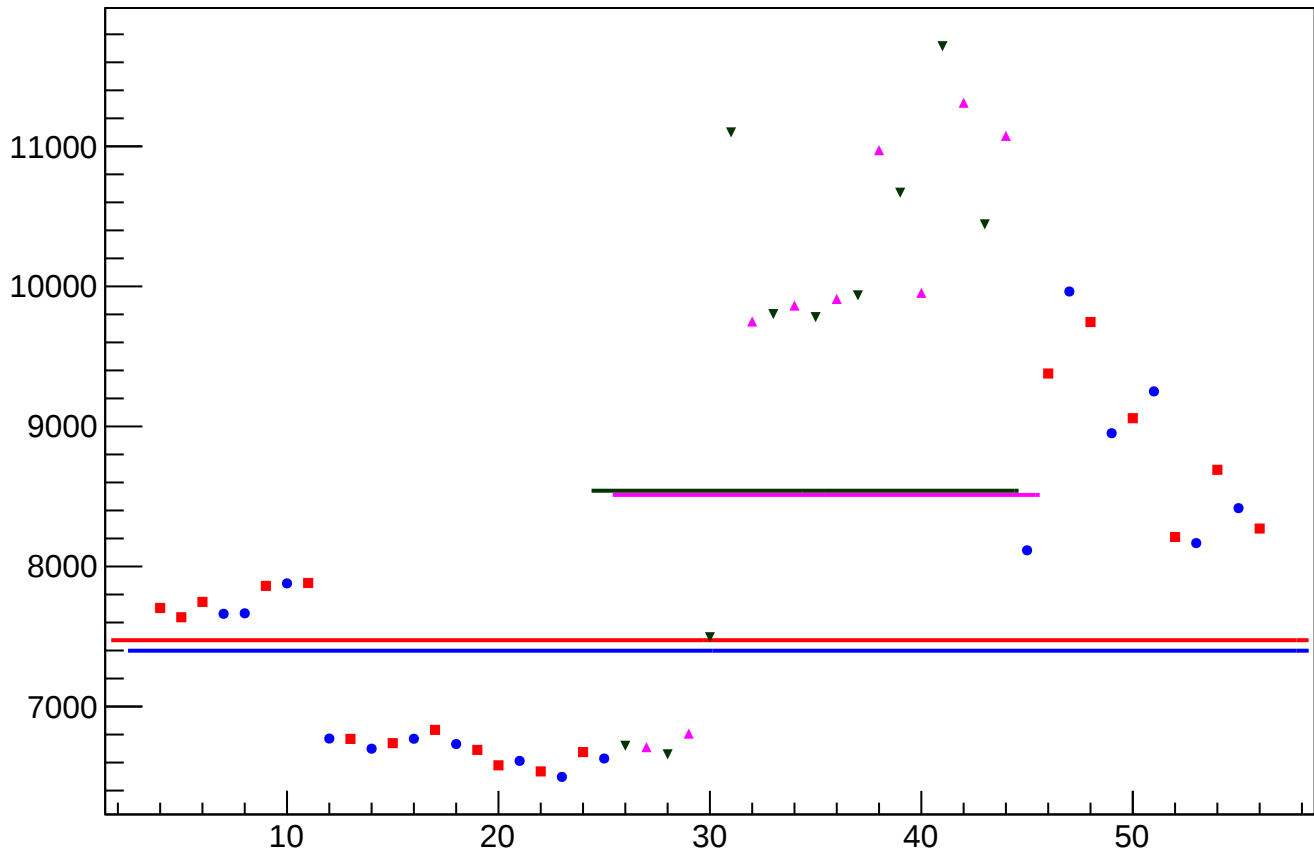
Right Out: -10.804 ± 2.443 χ^2/NDF : 32.1/17

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

-17.317 ± 2.002 χ^2/NDF : 84.0/25

-7.745 ± 2.032 χ^2/NDF : 46.9/26

diff_bpm0l04X_rms vs slug



Right In: 7398.637+/-1.669 χ^2/NDF : 305873.3/15

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

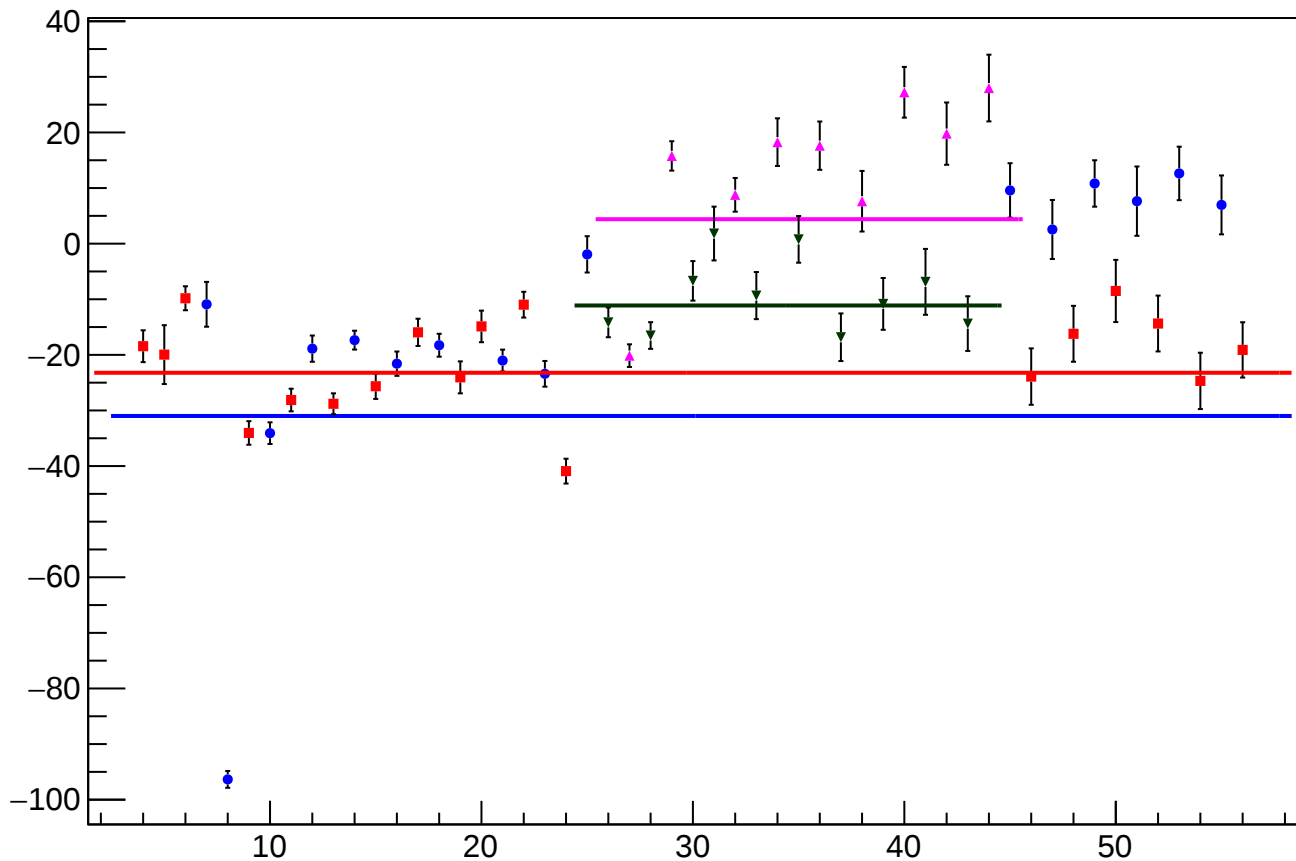
Right Out: 7473.657+/-1.728 χ^2/NDF : 280300.2/17

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

7719.085+/-1.415 χ^2/NDF : 906063.4/25

7793.145+/-1.437 χ^2/NDF : 881230.6/26

diff_bpm0l04Y_mean vs slug



Right In: -30.990 $\pm$ 0.631 χ^2 /NDF: 2537.9/15

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

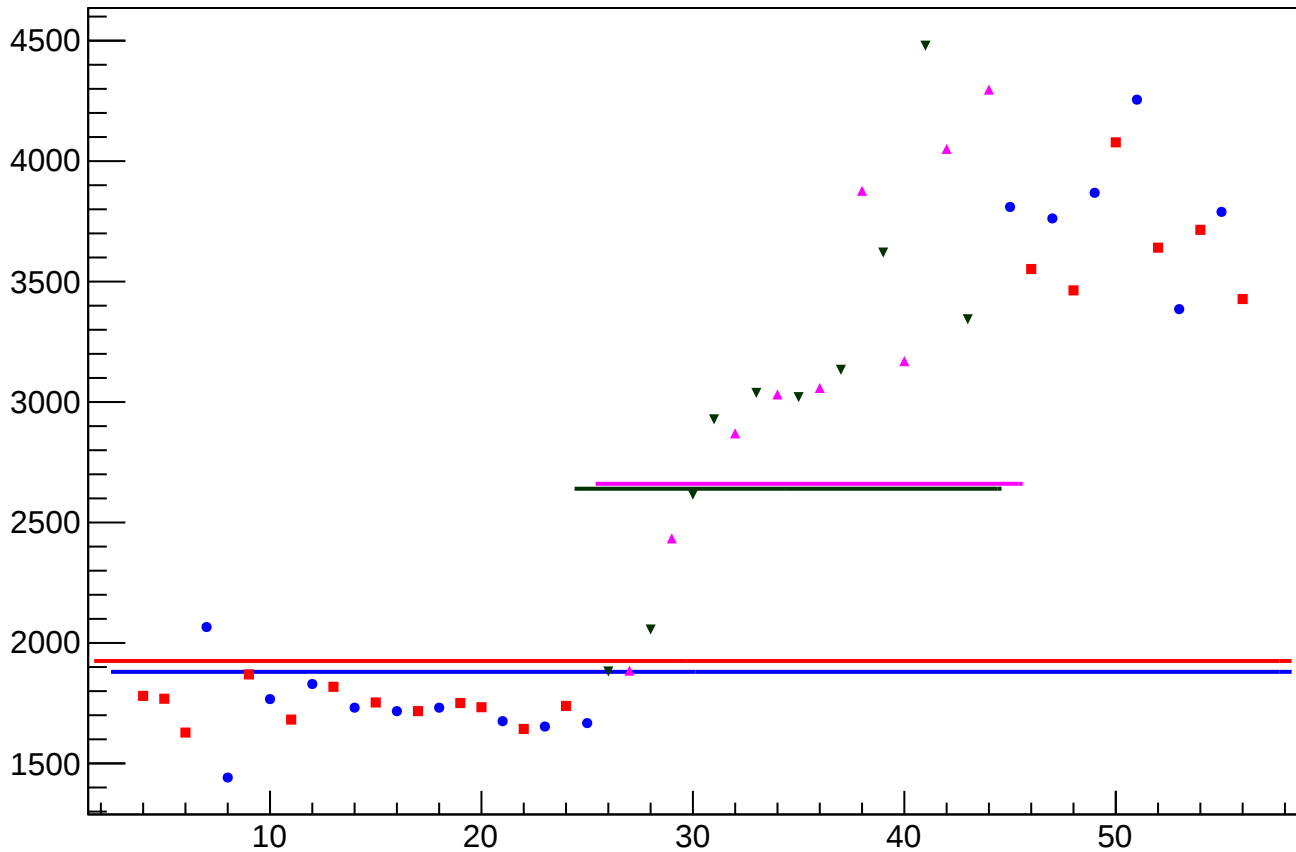
Right Out: -23.219 $\pm$ 0.654 χ^2 /NDF: 204.6/17

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

-26.573 $\pm$ 0.556 χ^2 /NDF: 2784.6/25

-16.572 $\pm$ 0.570 χ^2 /NDF: 867.7/26

diff_bpm0l04Y_rms vs slug



Right In: 1880.108+/-0.446 χ^2/NDF : 2028735.4/15

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

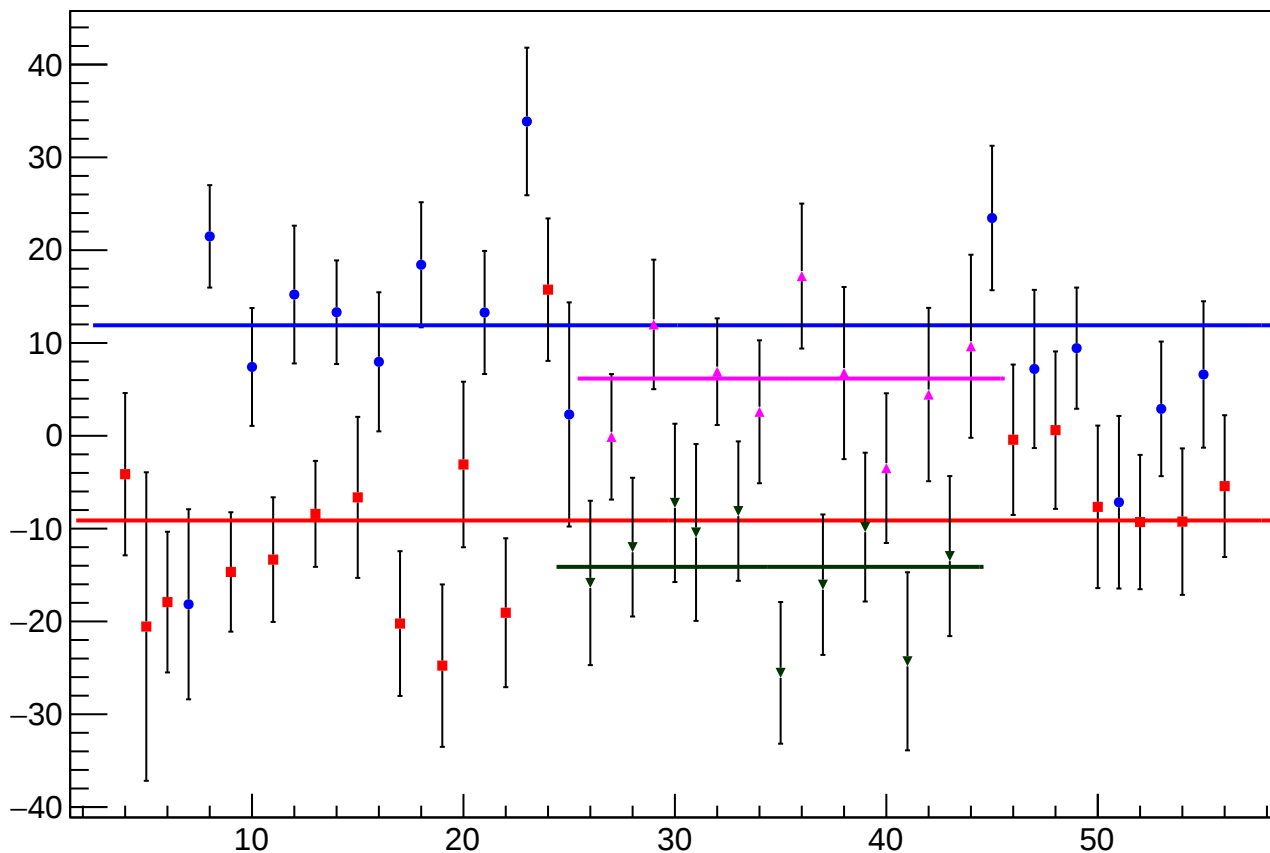
2049.039+/-0.393 χ^2/NDF : 3343706.9/25

Right Out: 1925.176+/-0.462 χ^2/NDF : 1521511.2/17

2102.174+/-0.403 χ^2/NDF : 2872611.1/26

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

diff_bpm0l05X_mean vs slug



Right In: 11.906 ± 1.816 $\chi^2/\text{NDF}: 30.8/15$

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

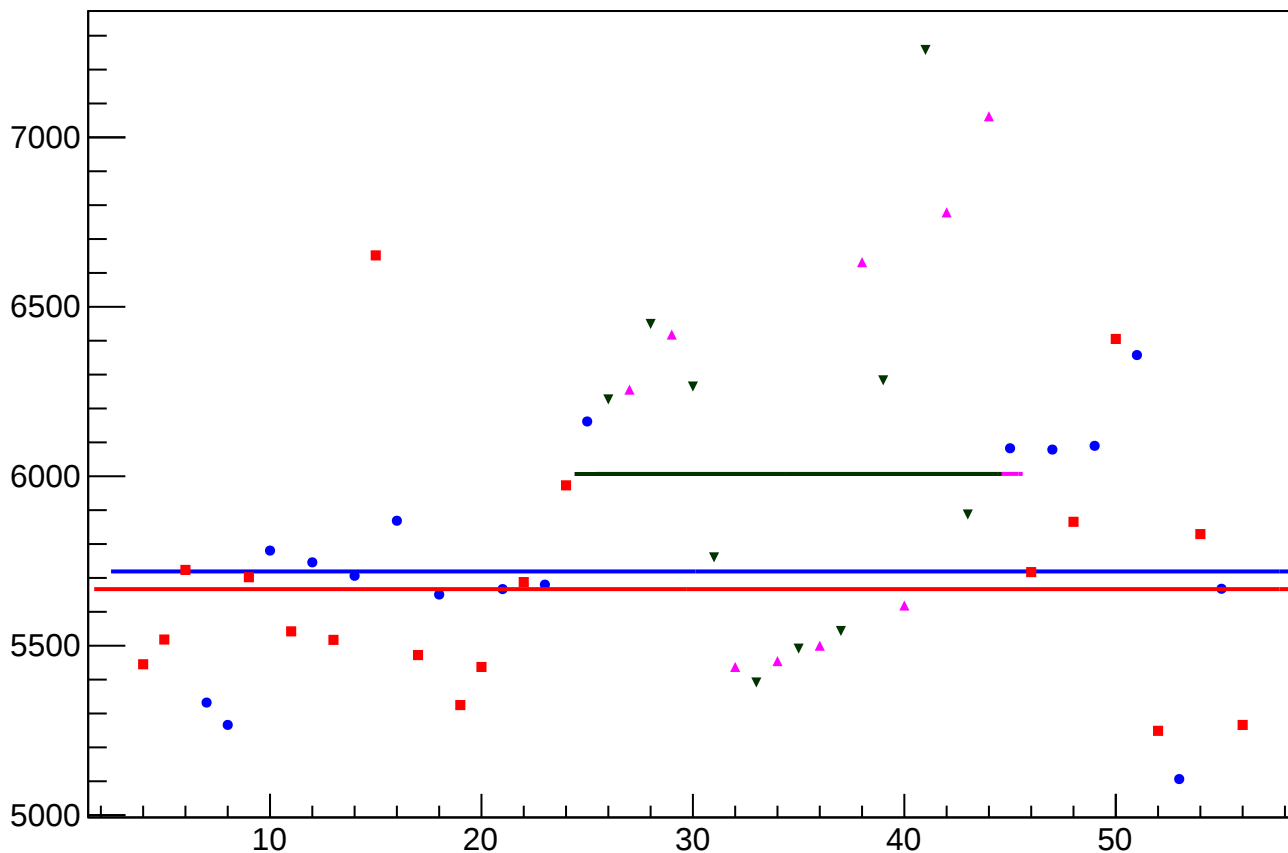
Right Out: -9.123 ± 1.846 $\chi^2/\text{NDF}: 23.8/17$

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

3.379 ± 1.489 $\chi^2/\text{NDF}: 103.3/25$

-3.845 ± 1.494 $\chi^2/\text{NDF}: 52.9/26$

diff_bpm0l05X_rms vs slug



Right In: 5719.156 ± 1.284 χ^2/NDF : 58576.0/15

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

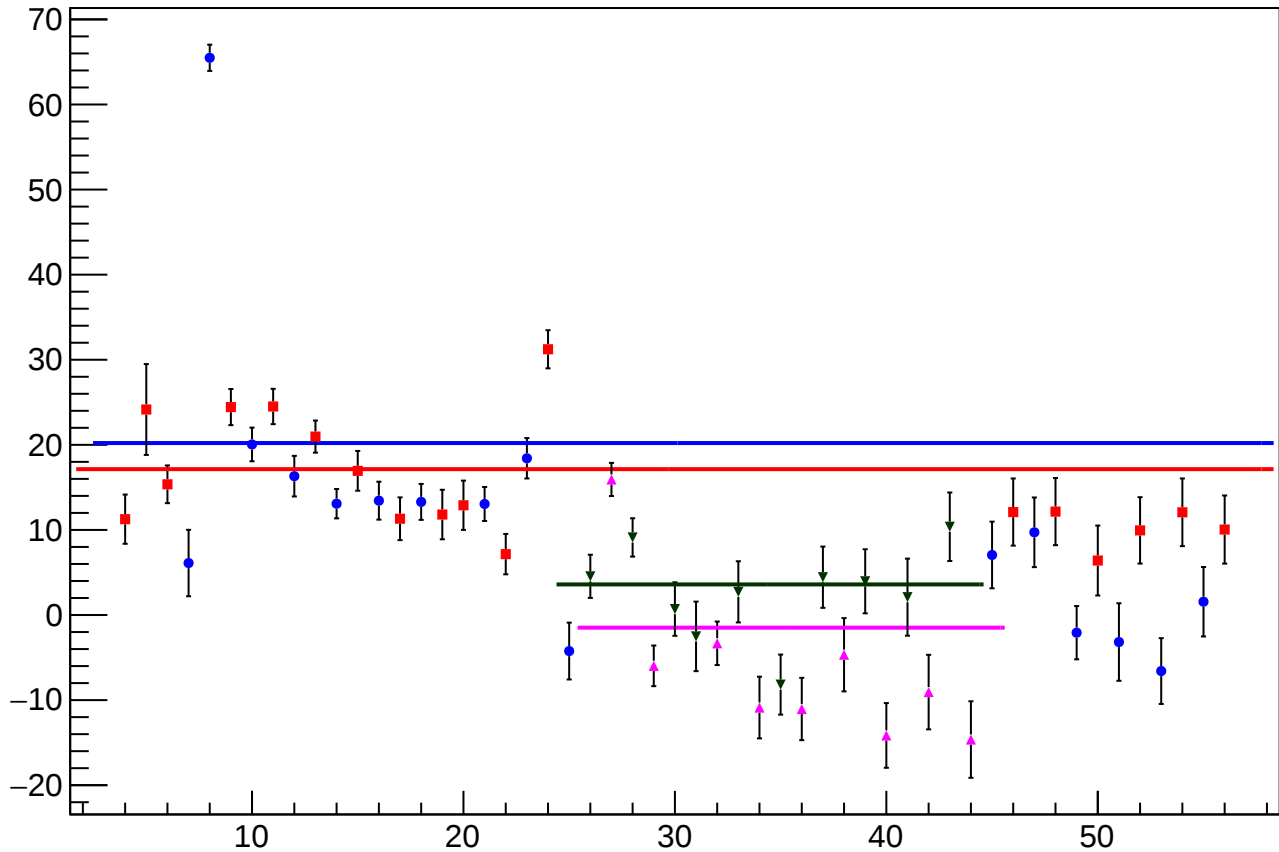
Right Out: 5666.971 ± 1.305 χ^2/NDF : 66711.3/17

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

5813.384 ± 1.053 χ^2/NDF : 153252.4/25

5784.349 ± 1.056 χ^2/NDF : 188452.8/26

diff_bpm0l05Y_mean vs slug



Right In: 20.211 $\pm$ 0.620 χ^2 /NDF: 1146.1/15

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

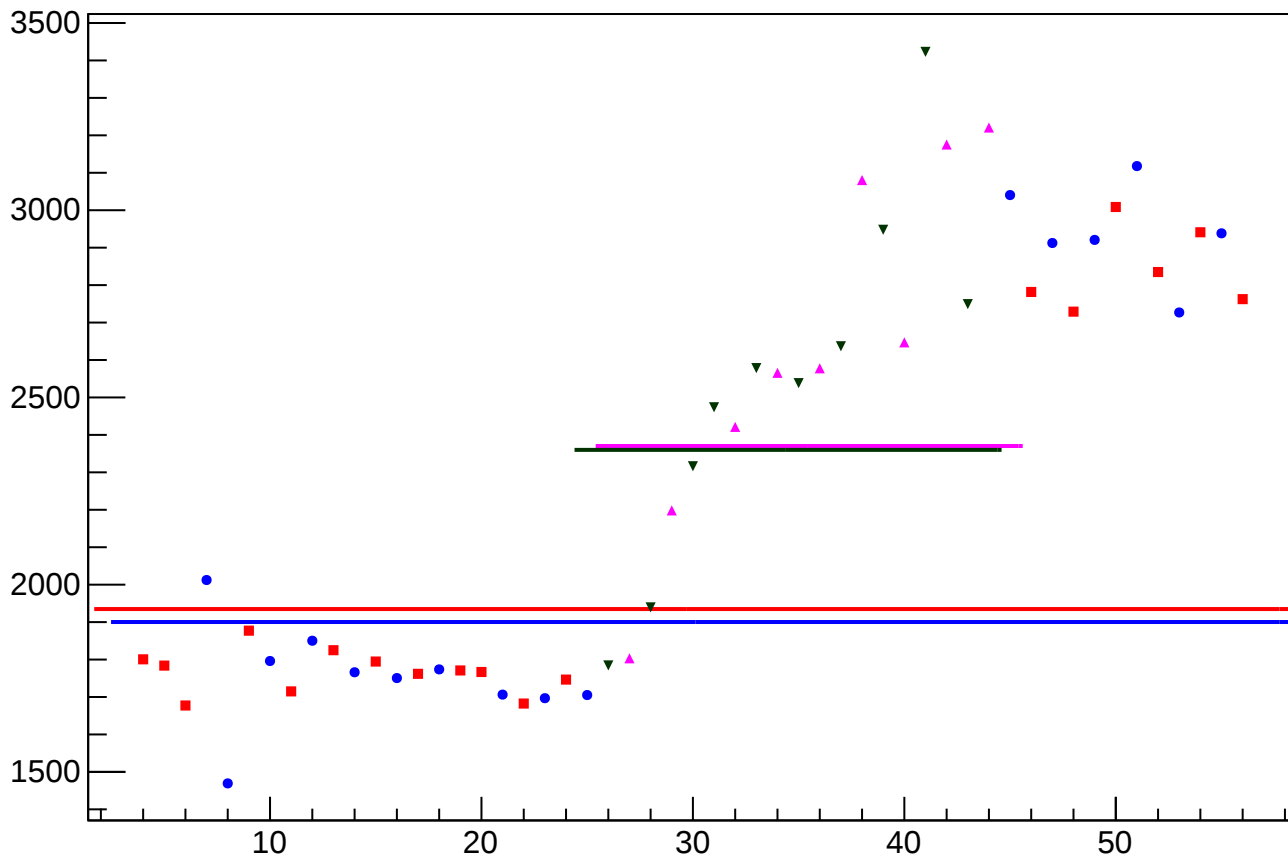
Right Out: 17.144 $\pm$ 0.642 χ^2 /NDF: 121.3/17

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

15.835 $\pm$ 0.532 χ^2 /NDF: 1358.6/25

11.837 $\pm$ 0.543 χ^2 /NDF: 482.0/26

diff_bpm0l05Y_rms vs slug



Right In: 1900.253+/-0.439 χ^2/NDF : 1101008.9/15

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

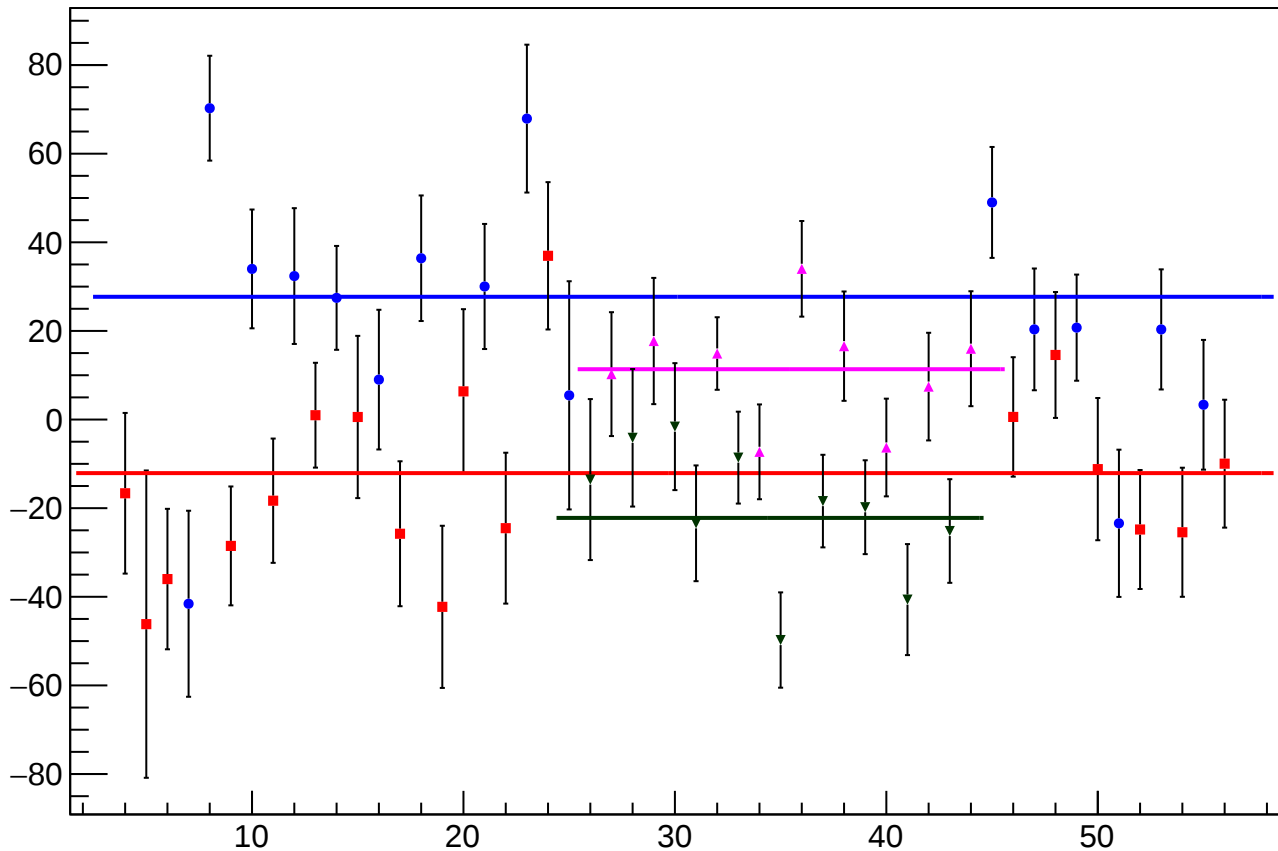
Right Out: 1934.914+/-0.454 χ^2/NDF : 759677.5/17

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

2021.355+/-0.376 χ^2/NDF : 1767051.5/25

2058.952+/-0.384 χ^2/NDF : 1418837.7/26

diff_bpm0l06X_mean vs slug



Right In: 27.704 ± 3.580 $\chi^2/\text{NDF}: 48.6/15$

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

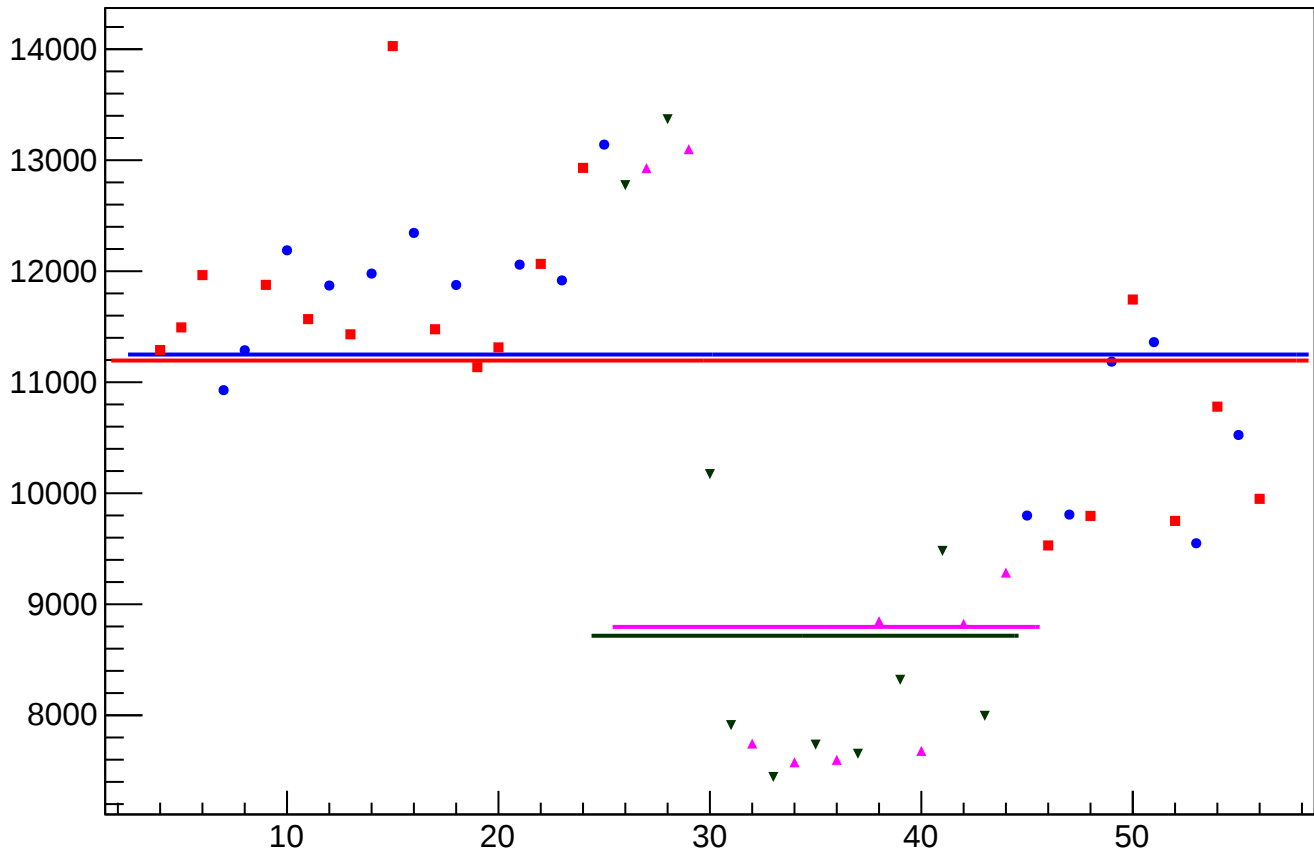
Right Out: -12.090 ± 3.658 $\chi^2/\text{NDF}: 26.5/17$

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

4.533 ± 2.620 $\chi^2/\text{NDF}: 153.1/25$

-0.764 ± 2.630 $\chi^2/\text{NDF}: 57.2/26$

diff_bpm0l06X_rms vs slug



Right In: 11249.517 ± 2.532 χ^2/NDF : 140826.6/15

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

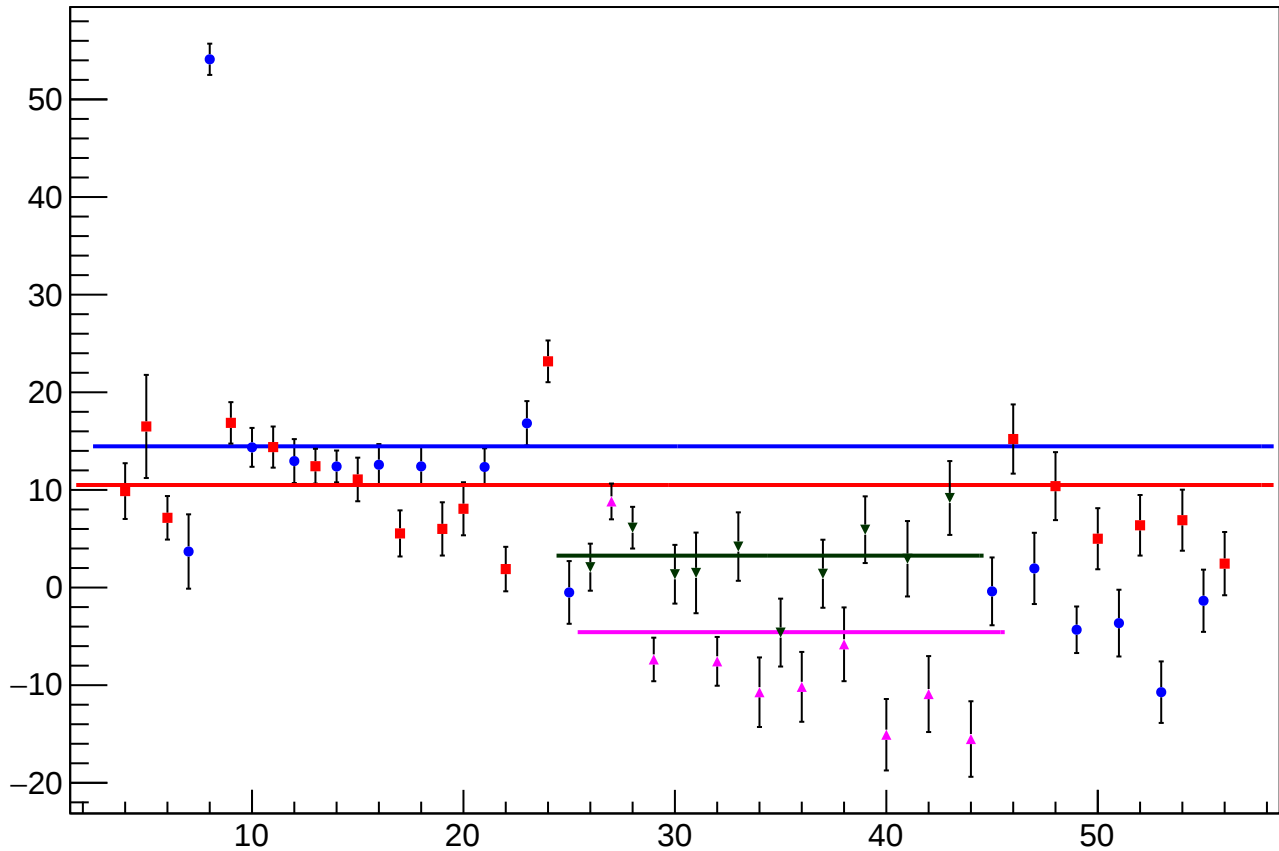
10073.341 ± 1.853 χ^2/NDF : 998819.8/25

Right Out: 11195.452 ± 2.587 χ^2/NDF : 179832.3/17

10036.585 ± 1.860 χ^2/NDF : 1059703.7/26

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

diff_bpm0l06Y_mean vs slug



Right In: 14.466 ± 0.583 χ^2/NDF : 858.3/15

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

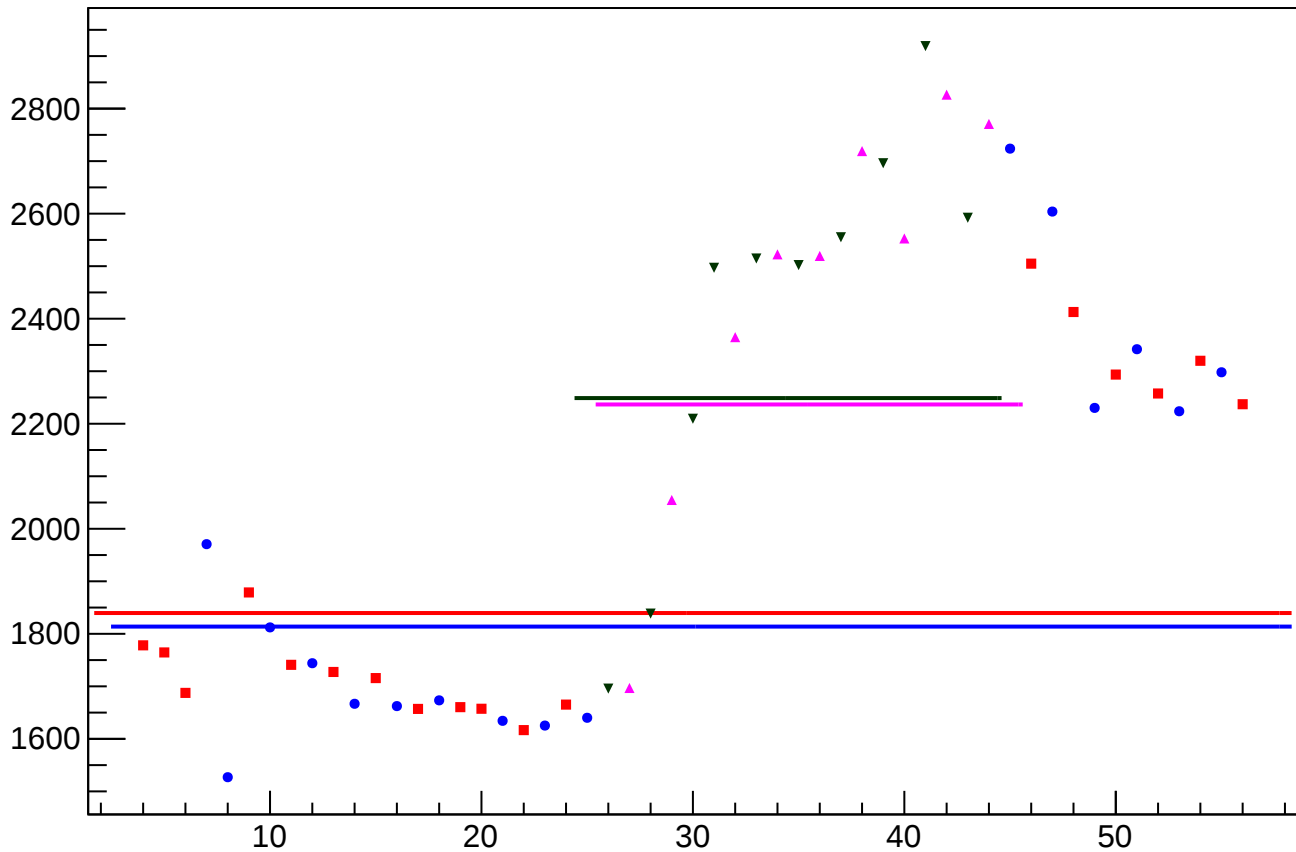
Right Out: 10.503 ± 0.603 χ^2/NDF : 88.7/17

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

11.564 ± 0.502 χ^2/NDF : 965.1/25

6.214 ± 0.510 χ^2/NDF : 347.2/26

diff_bpm0l06Y_rms vs slug



Right In: 1813.777+/-0.412 χ^2/NDF : 563138.4/15

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

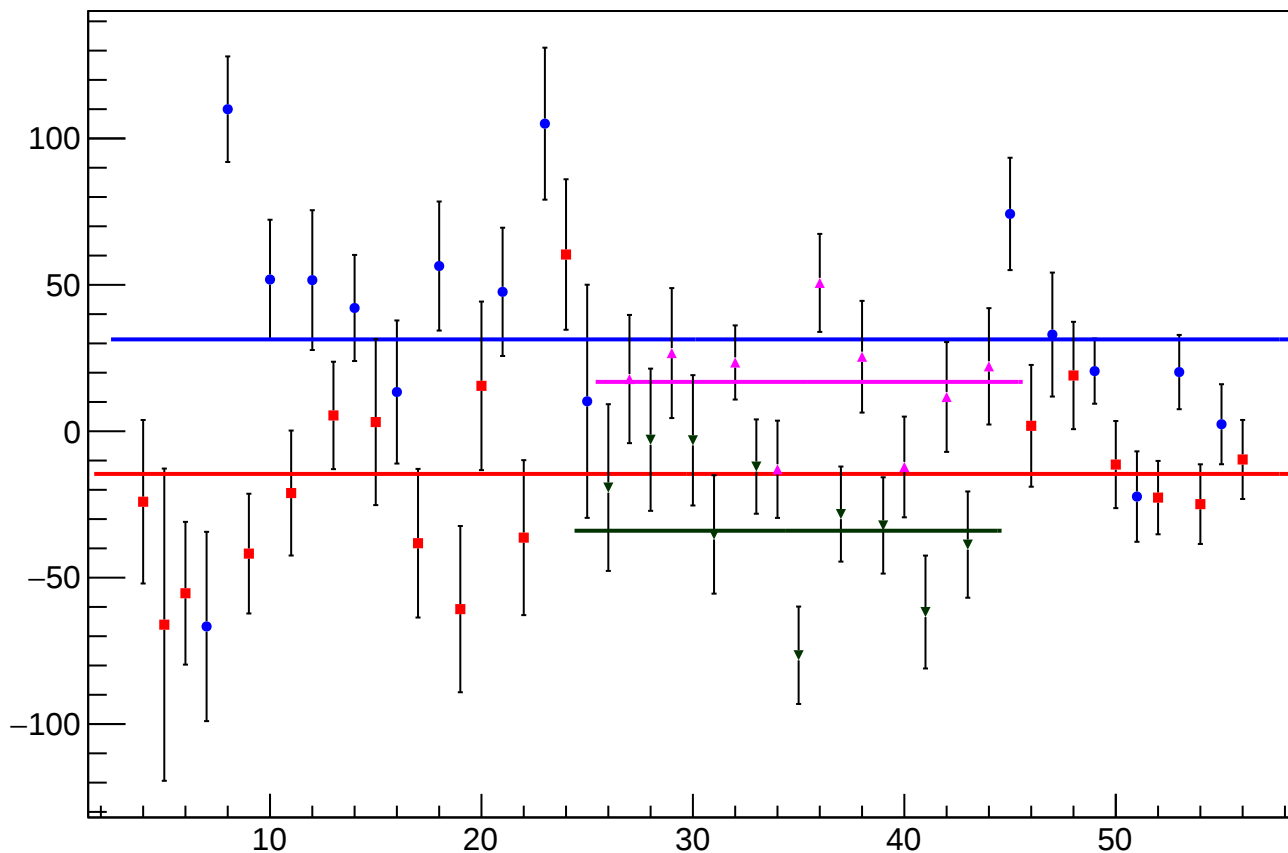
Right Out: 1839.593+/-0.427 χ^2/NDF : 372183.8/17

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

1926.510+/-0.355 χ^2/NDF : 1187190.1/25

1952.612+/-0.361 χ^2/NDF : 967893.9/26

diff_bpm0l07X_mean vs slug



Right In: 31.373 ± 4.568 χ^2/NDF : 64.3/15

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

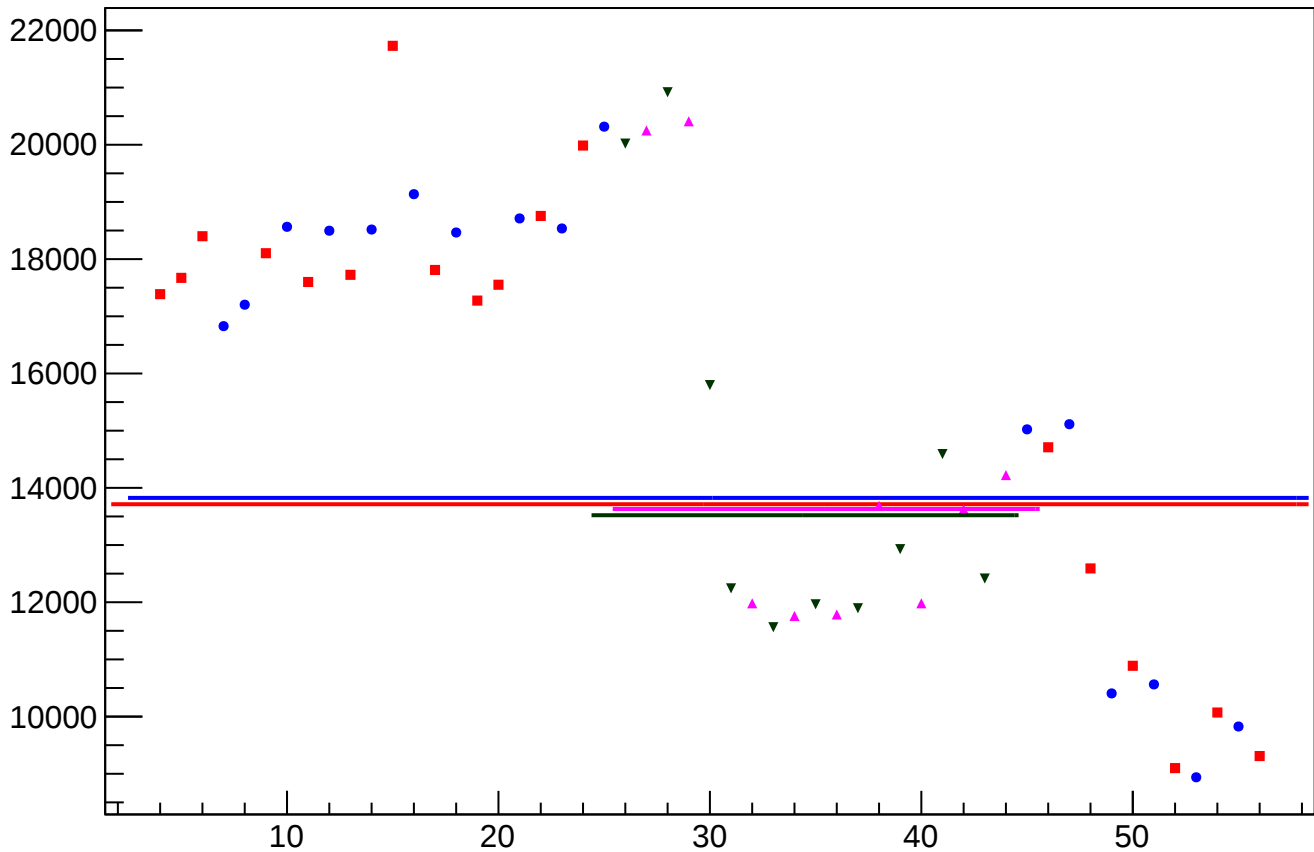
Right Out: -14.571 ± 4.656 χ^2/NDF : 26.2/17

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

7.231 ± 3.627 χ^2/NDF : 154.4/25

-2.424 ± 3.647 χ^2/NDF : 54.8/26

diff_bpm0l07X_rms vs slug



Right In: 13824.648+/-3.230 χ^2/NDF : 1568474.5/15

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

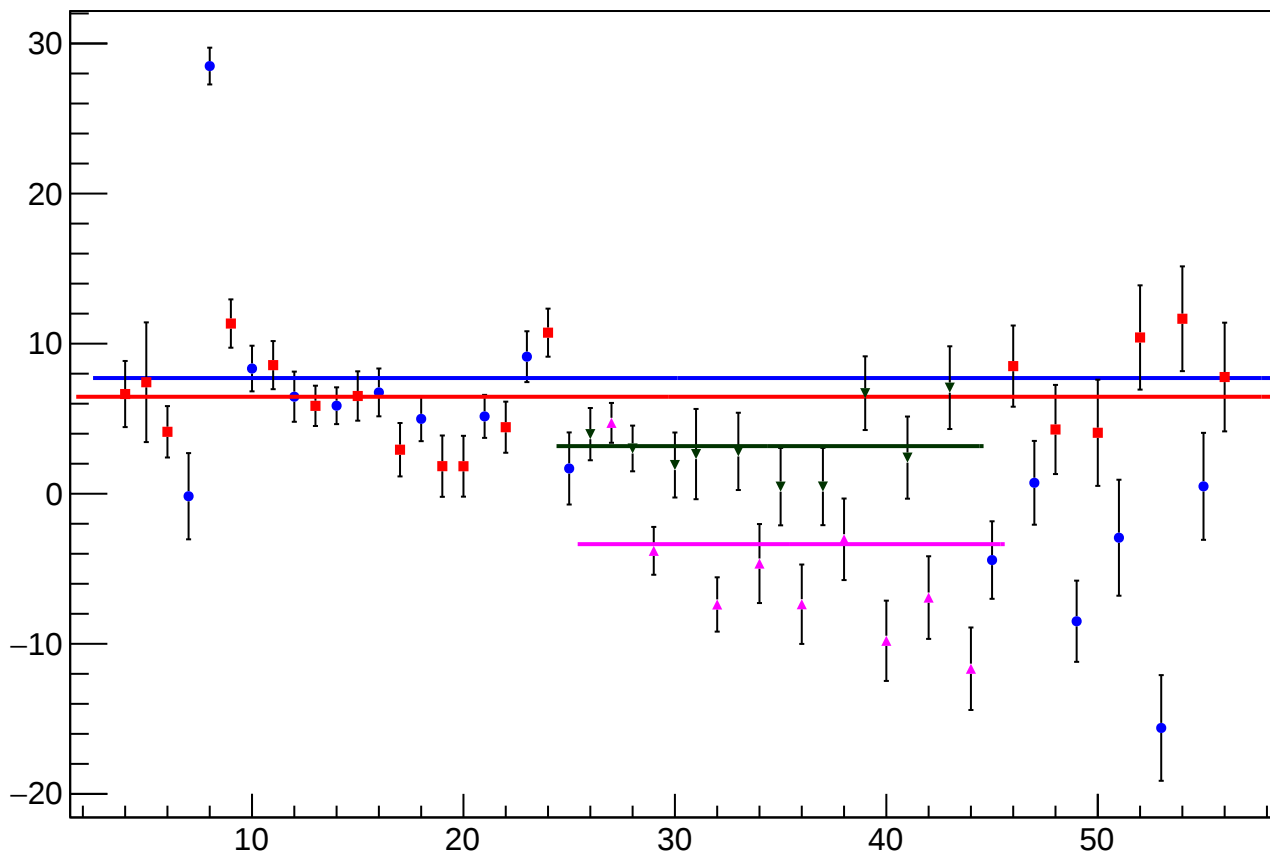
13712.677+/-2.565 χ^2/NDF : 1973778.1/25

Right Out: 13713.871+/-3.292 χ^2/NDF : 1555986.2/17

13681.593+/-2.579 χ^2/NDF : 2029450.3/26

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

diff_bpm0l07Y_mean vs slug



Right In: 7.709 ± 0.459 $\chi^2/\text{NDF}: 431.9/15$

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

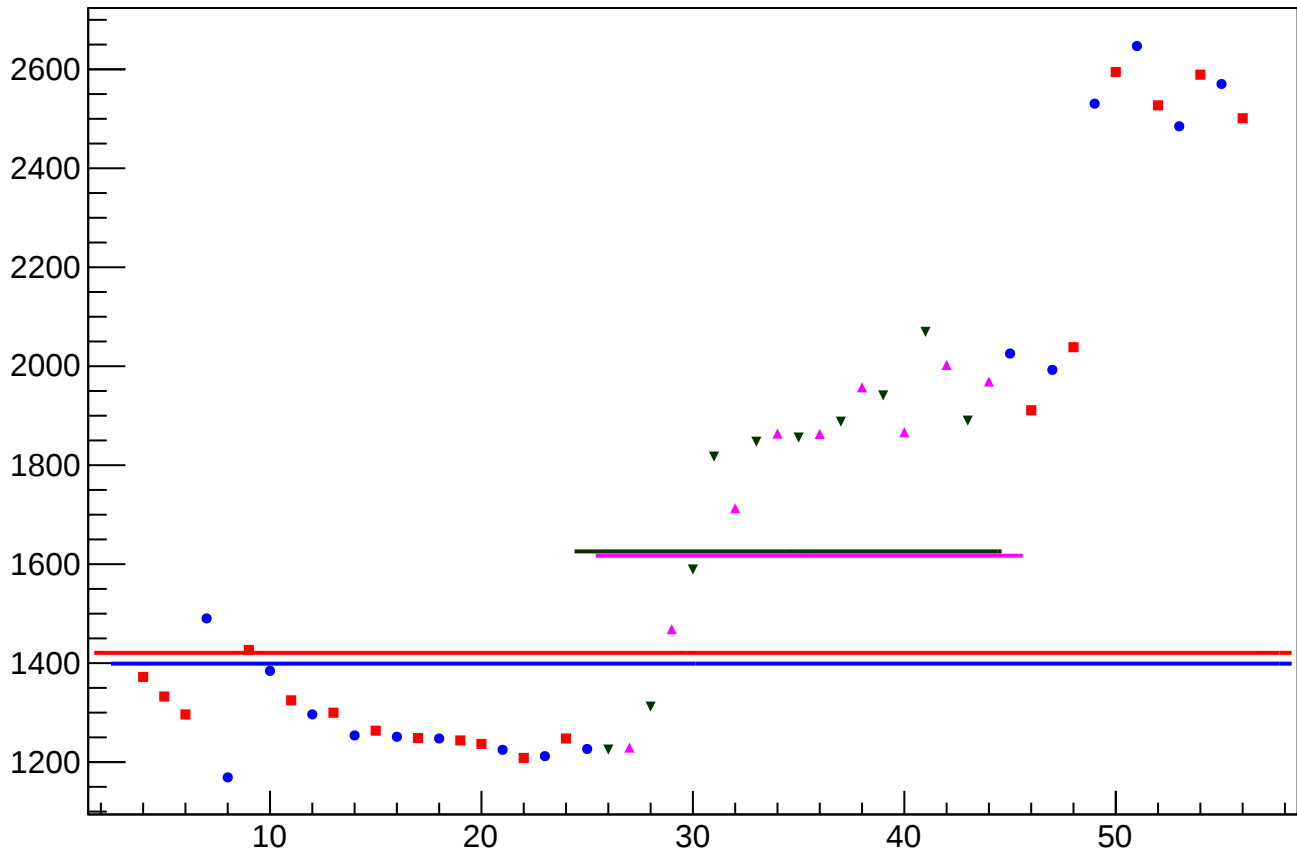
Right Out: 6.461 ± 0.476 $\chi^2/\text{NDF}: 41.1/17$

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

6.378 ± 0.386 $\chi^2/\text{NDF}: 467.5/25$

3.303 ± 0.392 $\chi^2/\text{NDF}: 239.2/26$

diff_bpm0l07Y_rms vs slug



Right In: 1398.952+/-0.325 χ^2 /NDF: 1383301.2/15

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

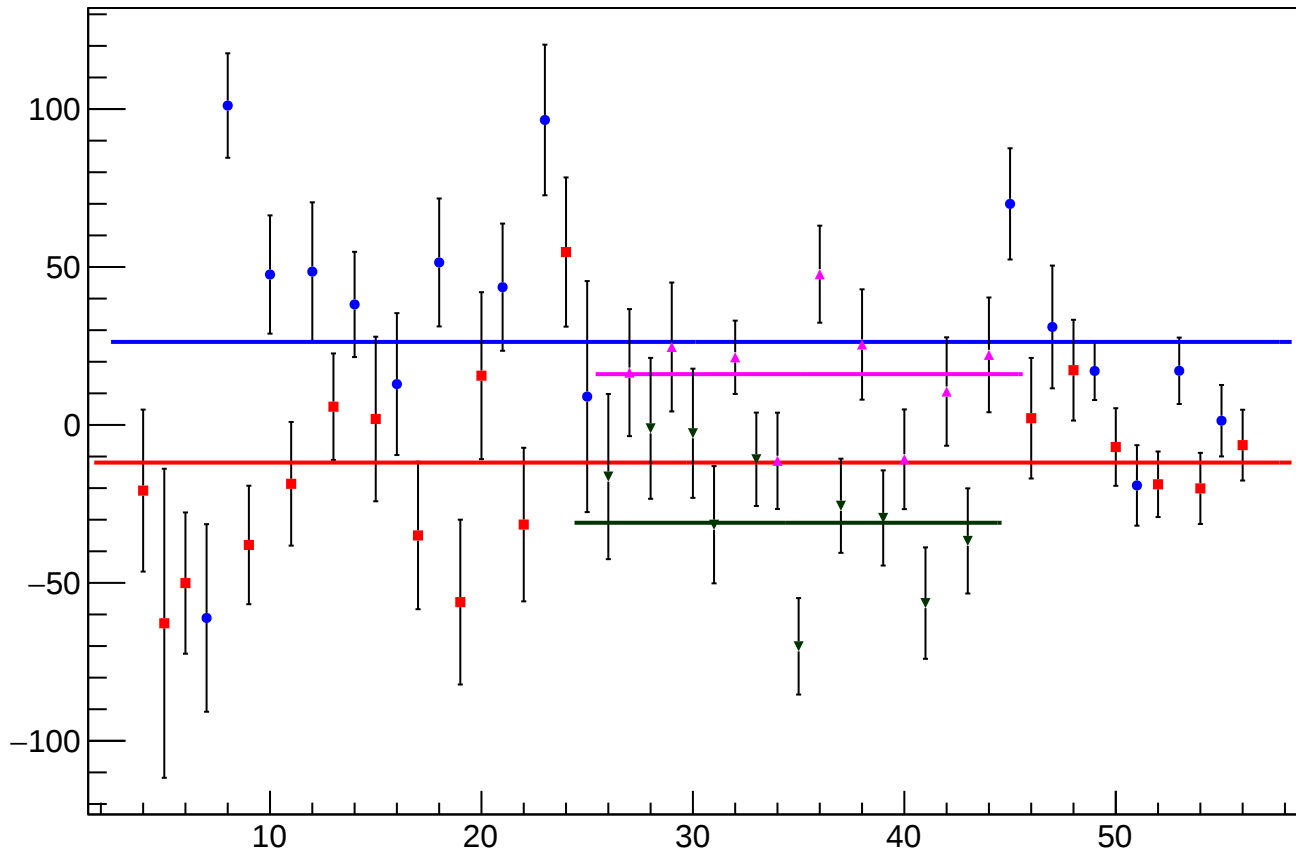
1465.484+/-0.273 χ^2 /NDF: 1881047.7/25

Right Out: 1420.776+/-0.337 χ^2 /NDF: 1136062.0/17

1483.934+/-0.277 χ^2 /NDF: 1594758.6/26

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

diff_bpm0l08X_mean vs slug



Right In: 26.286 ± 3.971 χ^2/NDF : 69.1/15

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

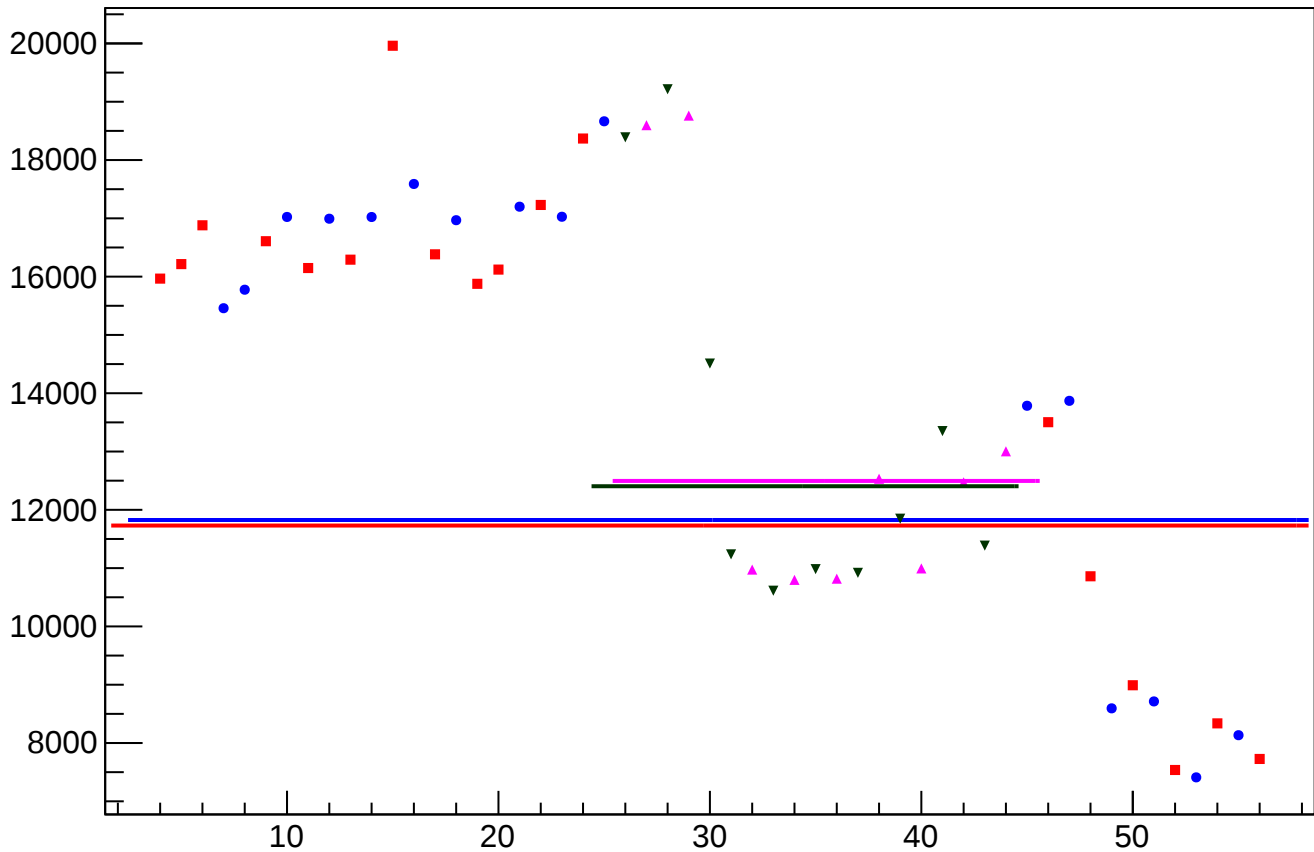
Right Out: -11.912 ± 4.047 χ^2/NDF : 26.4/17

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

6.551 ± 3.214 χ^2/NDF : 155.5/25

-1.793 ± 3.234 χ^2/NDF : 54.9/26

diff_bpm0l08X_rms vs slug



Right In: 11825.403+/-2.808 χ^2/NDF : 2150677.6/15

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

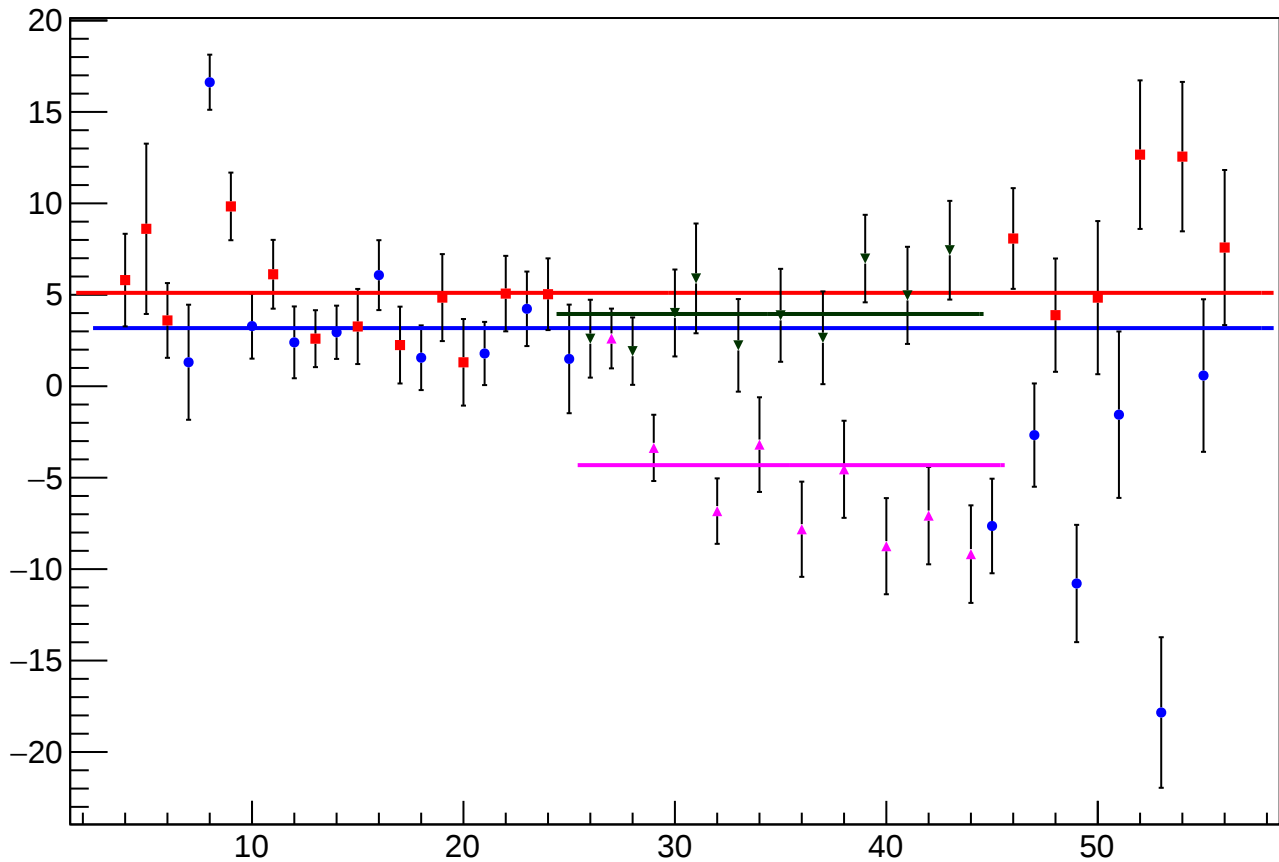
12025.068+/-2.273 χ^2/NDF : 2568220.0/25

Right Out: 11730.373+/-2.862 χ^2/NDF : 2092172.6/17

12007.063+/-2.287 χ^2/NDF : 2593534.8/26

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

diff_bpm0l08Y_mean vs slug



Right In: 3.179 ± 0.542 χ^2/NDF : 152.8/15

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

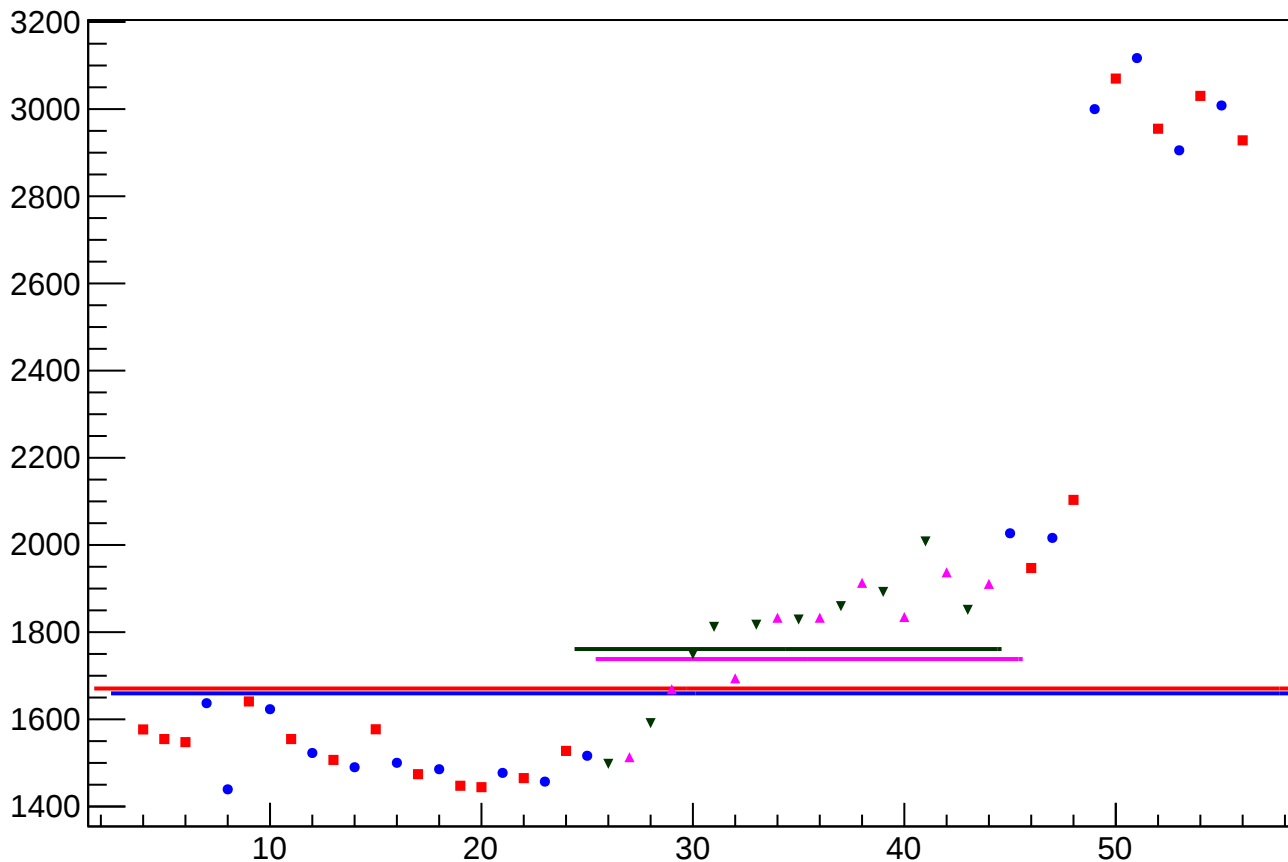
Right Out: 5.107 ± 0.558 χ^2/NDF : 24.3/17

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

3.439 ± 0.441 χ^2/NDF : 159.7/25

1.656 ± 0.444 χ^2/NDF : 158.2/26

diff_bpm0l08Y_rms vs slug



Right In: 1659.566+/-0.383 χ^2/NDF : 1179411.3/15

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

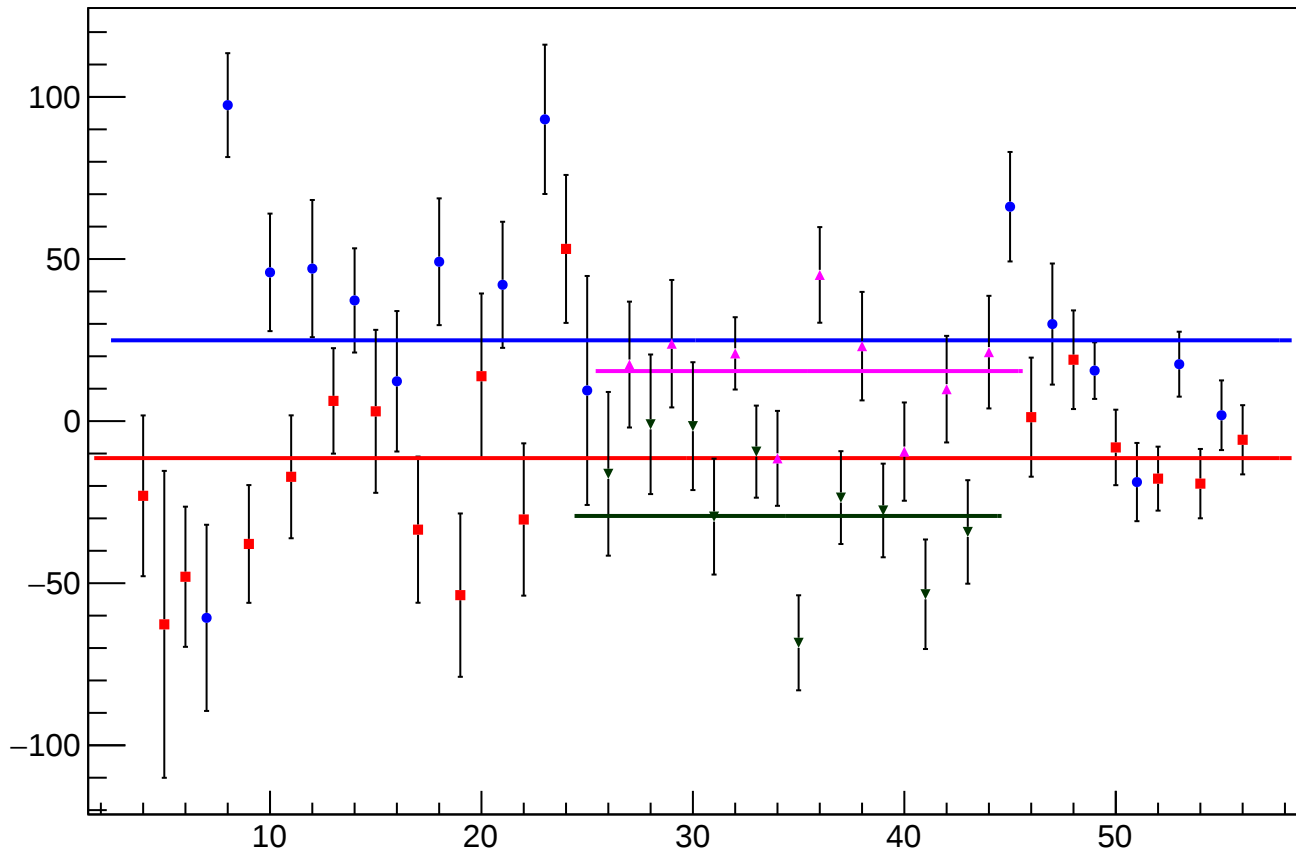
Right Out: 1670.731+/-0.395 χ^2/NDF : 1009397.1/17

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

1693.724+/-0.312 χ^2/NDF : 1282225.2/25

1695.491+/-0.314 χ^2/NDF : 1098483.1/26

diff_bpm0l09X_mean vs slug



Right In: 24.924 ± 3.798 χ^2/NDF : 69.5/15

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

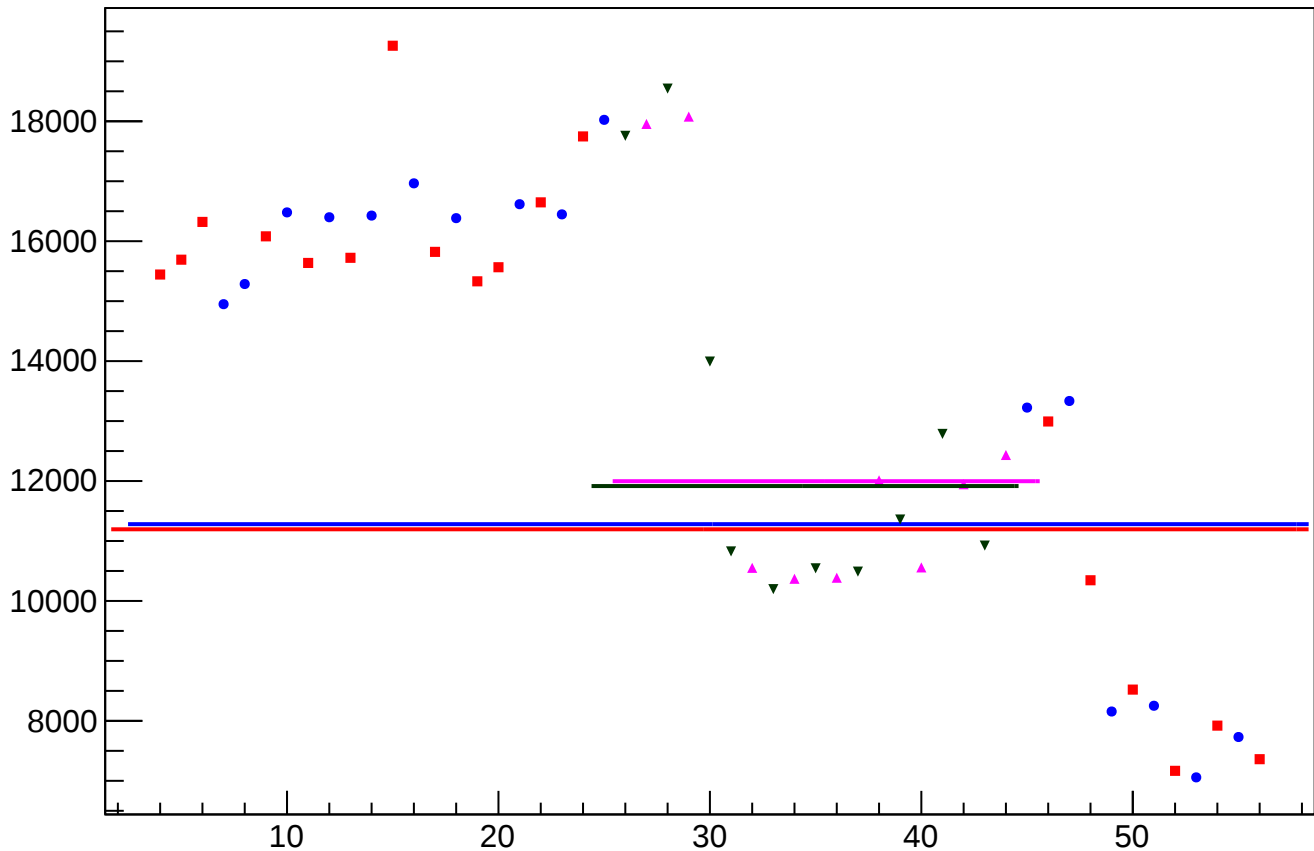
Right Out: -11.411 ± 3.873 χ^2/NDF : 27.1/17

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

6.359 ± 3.079 χ^2/NDF : 154.6/25

-1.748 ± 3.099 χ^2/NDF : 55.4/26

diff_bpm0l09X_rms vs slug



Right In: 11280.676+/-2.686 χ^2/NDF : 2249060.2/15

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

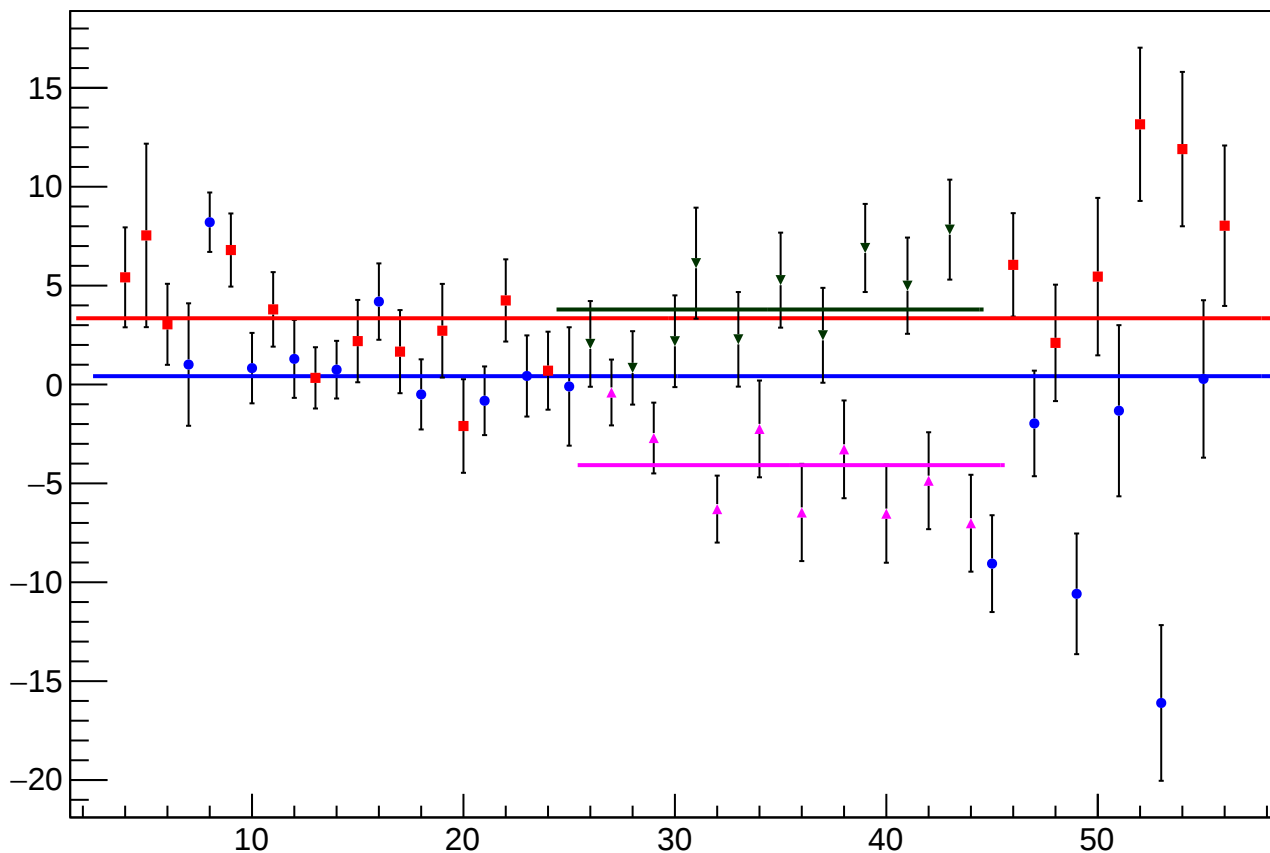
11498.458+/-2.177 χ^2/NDF : 2677217.7/25

Right Out: 11194.987+/-2.739 χ^2/NDF : 2183758.2/17

11483.726+/-2.191 χ^2/NDF : 2695765.8/26

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

diff_bpm0l09Y_mean vs slug



Right In: 0.421 ± 0.538 χ^2/NDF : 78.4/15

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

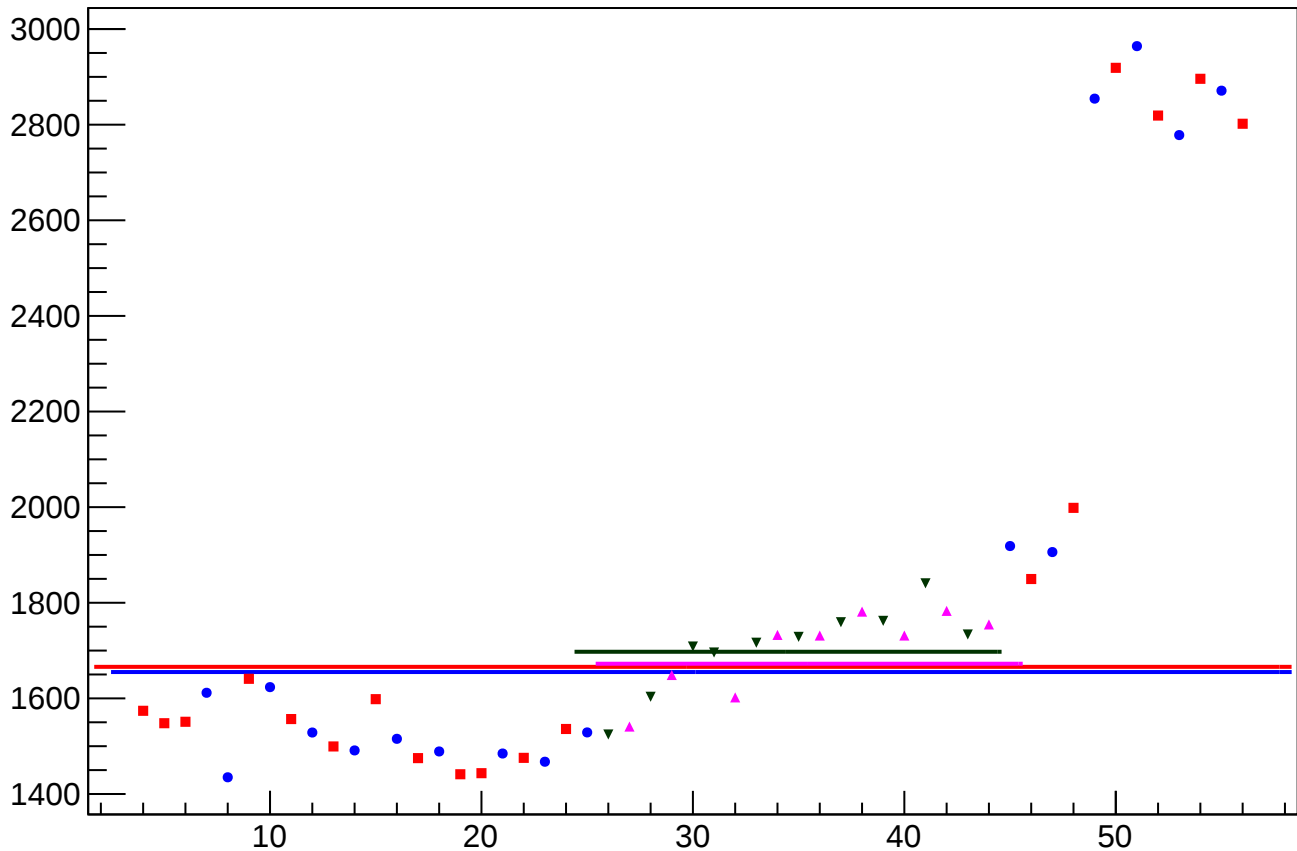
Right Out: 3.349 ± 0.554 χ^2/NDF : 31.2/17

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

1.603 ± 0.434 χ^2/NDF : 102.3/25

0.509 ± 0.436 χ^2/NDF : 111.1/26

diff_bpm0l09Y_rms vs slug



Right In: 1655.111+/-0.381 χ^2 /NDF: 1027578.3/15

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

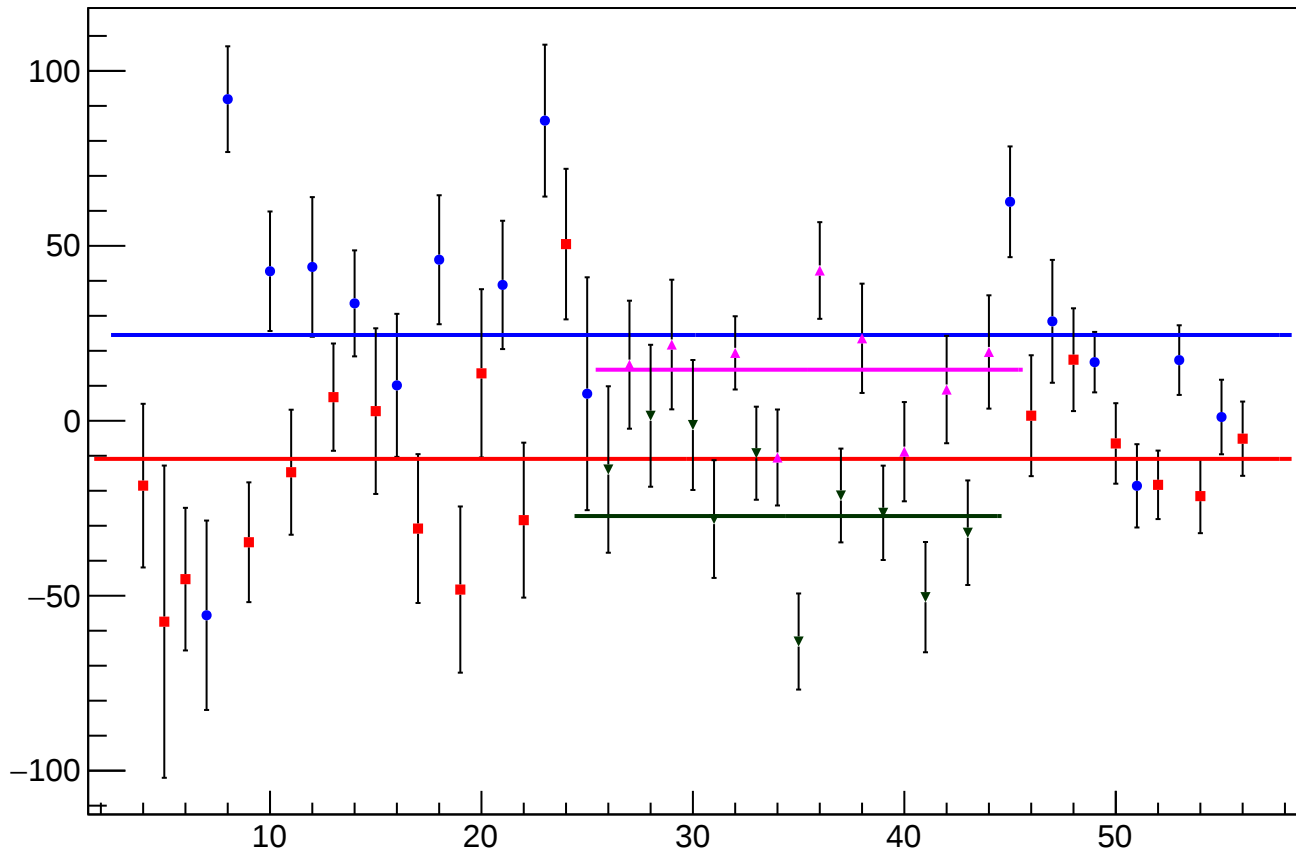
1669.980+/-0.307 χ^2 /NDF: 1060681.1/25

Right Out: 1665.981+/-0.392 χ^2 /NDF: 886240.4/17

1668.468+/-0.308 χ^2 /NDF: 916335.3/26

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

diff_bpm0l10X_mean vs slug



Right In: 24.525 ± 3.677 $\chi^2/\text{NDF}: 66.9/15$

Left Out: -27.224 ± 4.929 $\chi^2/\text{NDF}: 15.4/9$

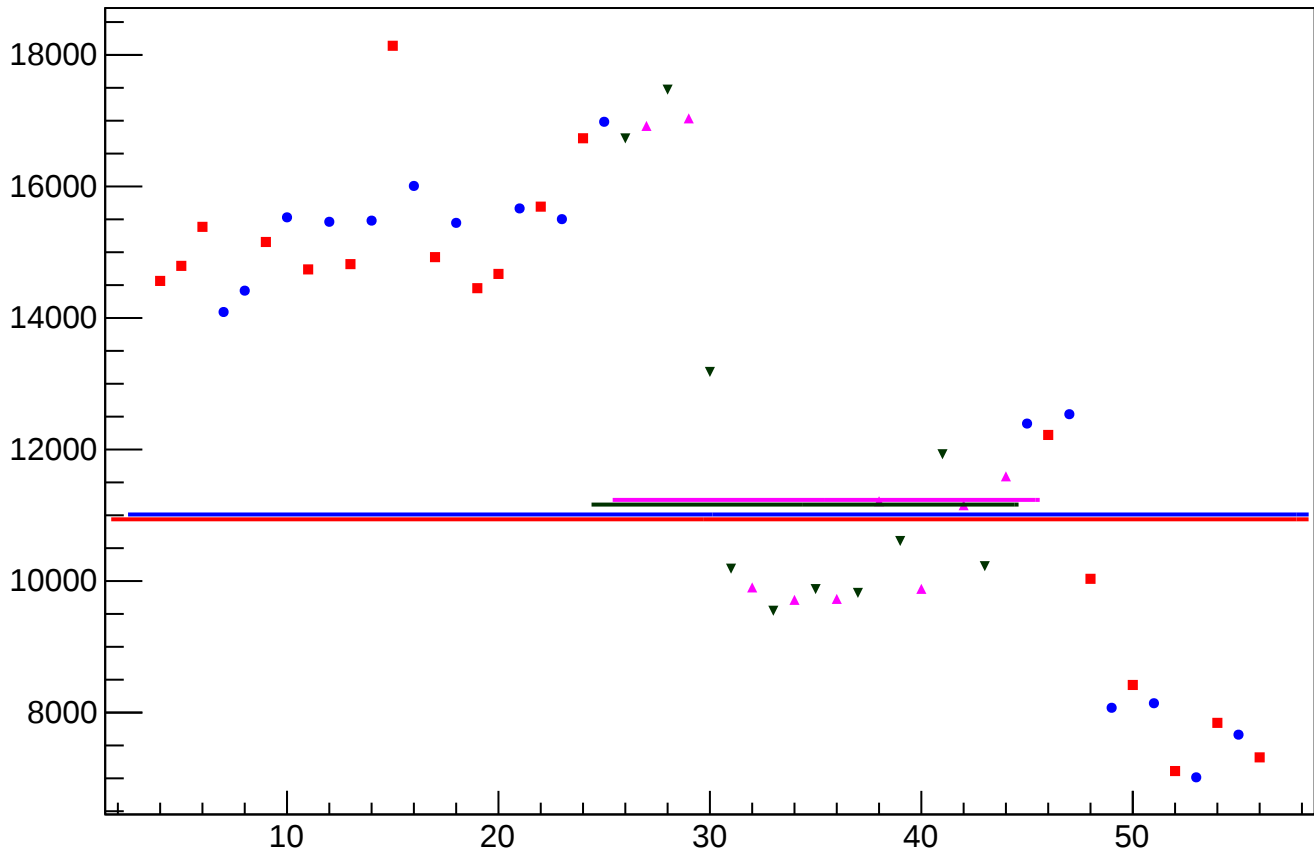
Right Out: -10.888 ± 3.753 $\chi^2/\text{NDF}: 27.1/17$

Left In: 14.599 ± 4.839 $\chi^2/\text{NDF}: 11.2/8$

6.027 ± 2.947 $\chi^2/\text{NDF}: 153.1/25$

-1.315 ± 2.965 $\chi^2/\text{NDF}: 55.6/26$

diff_bpm0l10X_rms vs slug



Right In: 11012.178+/-2.600 χ^2/NDF : 1953060.1/15

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

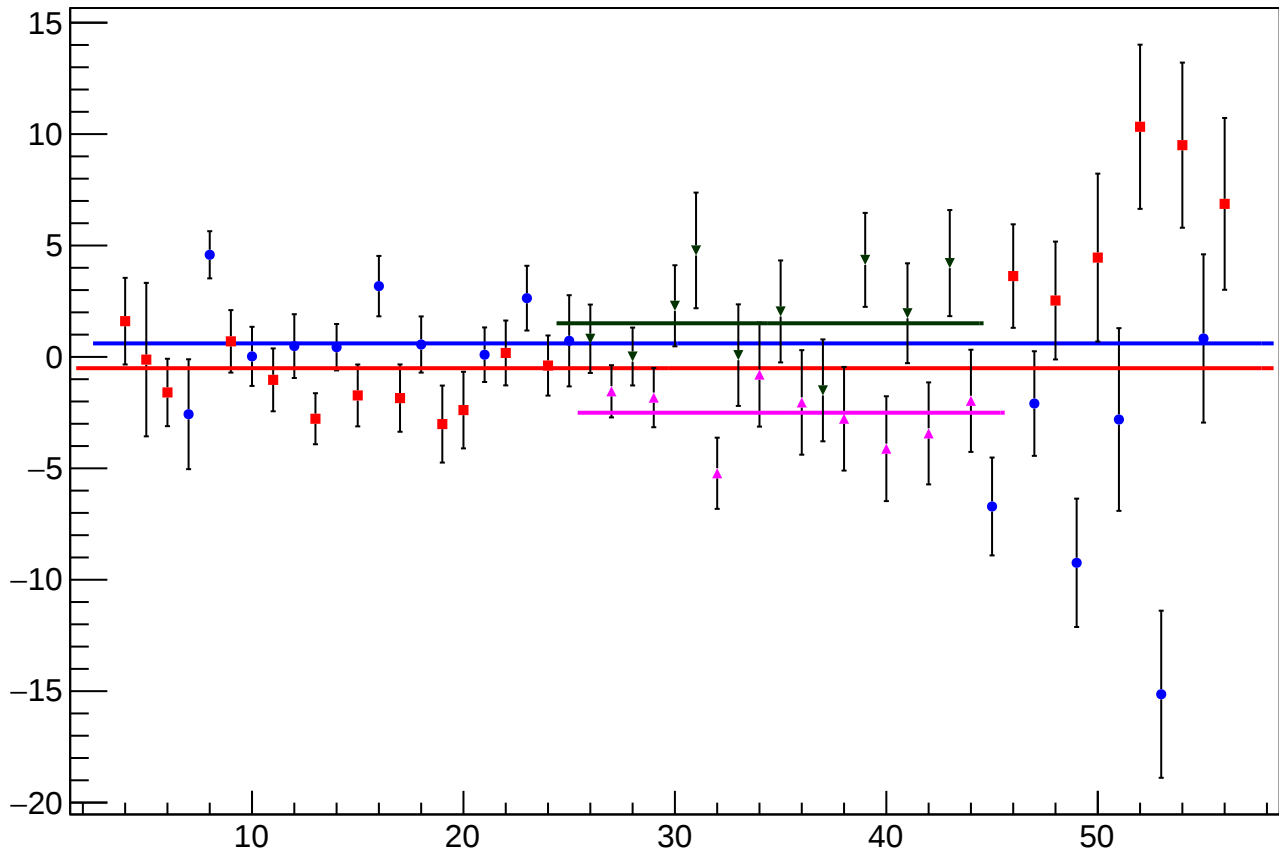
11066.011+/-2.084 χ^2/NDF : 2370638.0/25

Right Out: 10938.736+/-2.654 χ^2/NDF : 1906556.9/17

11049.663+/-2.097 χ^2/NDF : 2400474.2/26

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

diff_bpm0l10Y_mean vs slug



Right In: 0.607 ± 0.398 $\chi^2/\text{NDF}: 64.2/15$

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

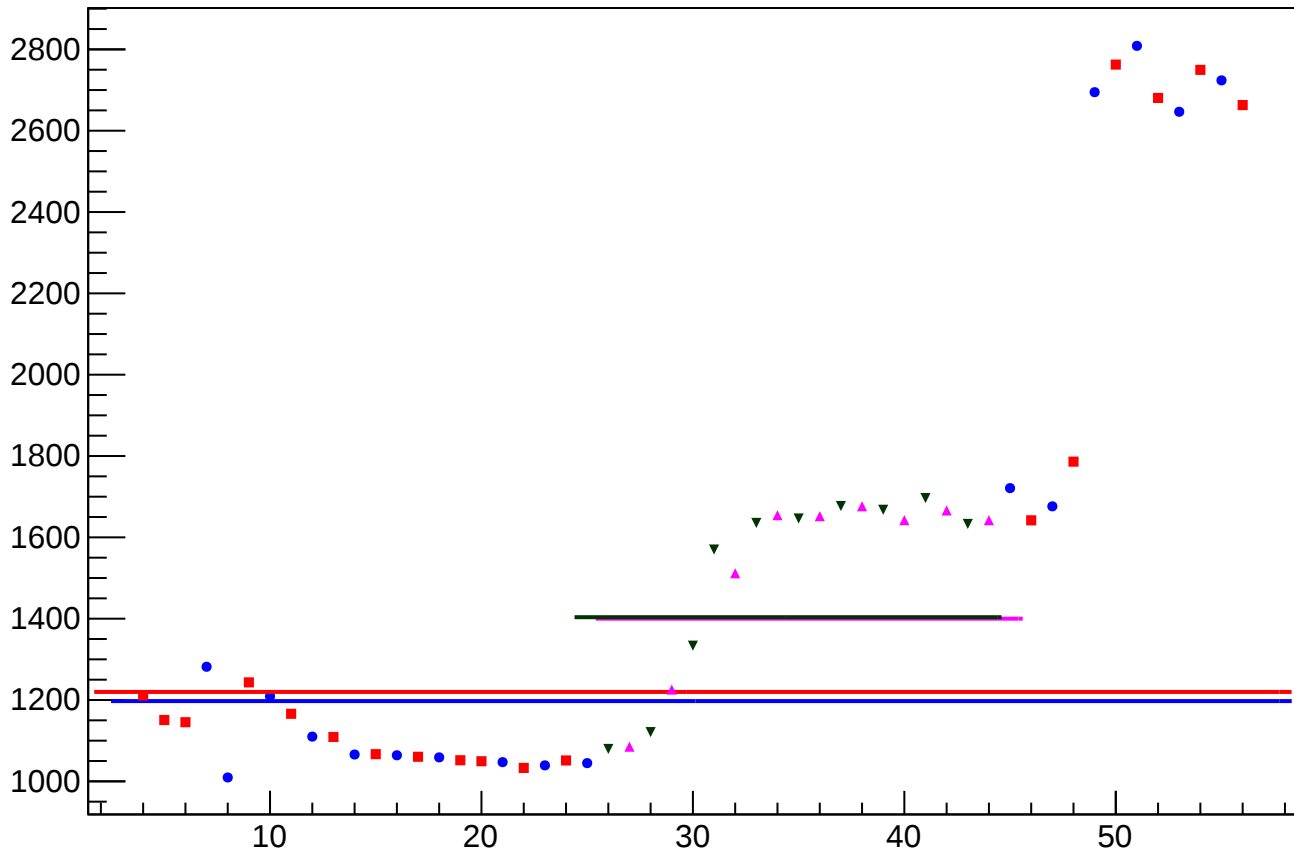
Right Out: -0.506 ± 0.414 $\chi^2/\text{NDF}: 37.4/17$

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

0.874 ± 0.334 $\chi^2/\text{NDF}: 74.3/25$

-1.154 ± 0.341 $\chi^2/\text{NDF}: 50.1/26$

diff_bpm0l10Y_rms vs slug



Right In: 1197.336+/-0.282 χ^2 /NDF: 1885342.5/15

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

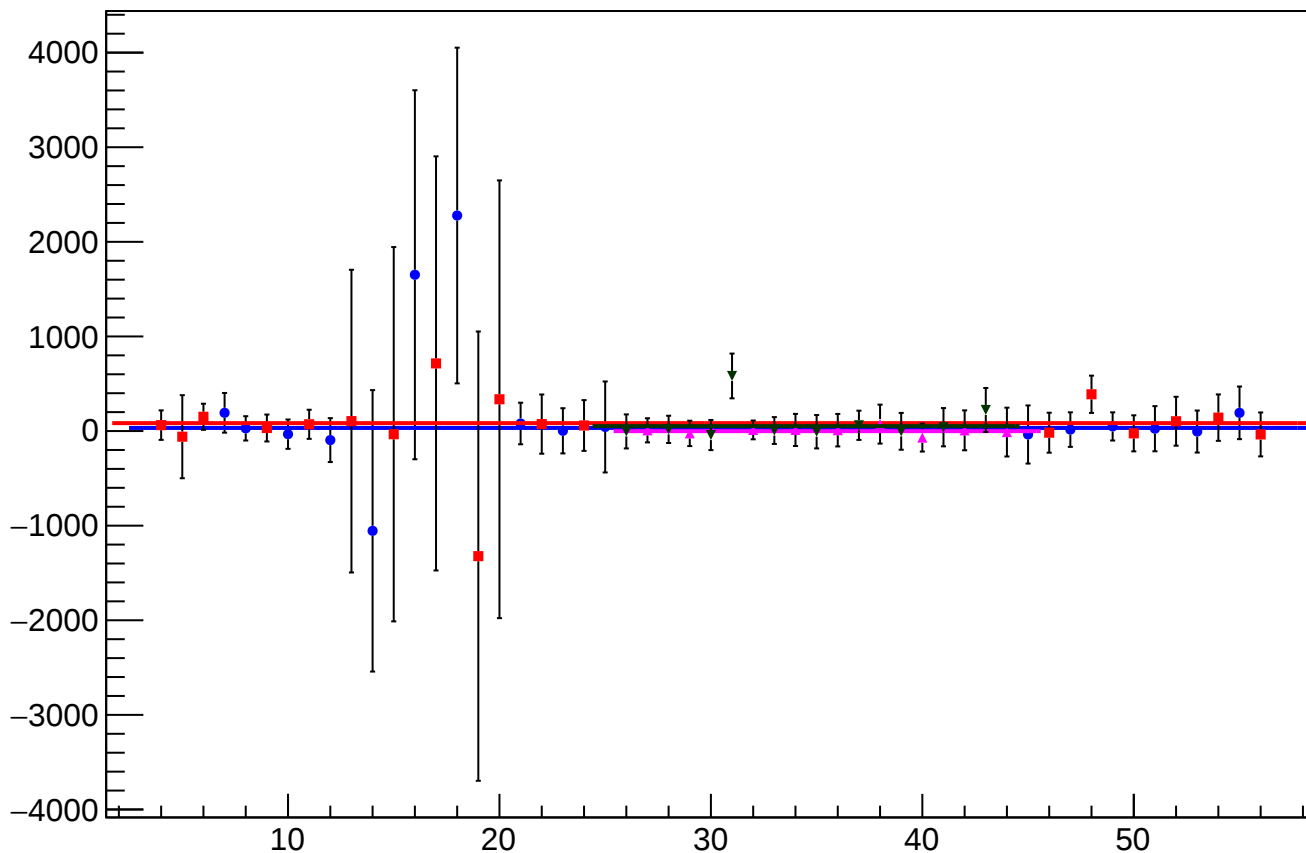
1258.322+/-0.236 χ^2 /NDF: 2394864.0/25

Right Out: 1219.843+/-0.293 χ^2 /NDF: 1605682.0/17

1278.320+/-0.241 χ^2 /NDF: 2062607.7/26

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: 32.896+/-55.609 χ^2/NDF : 4.4/15

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

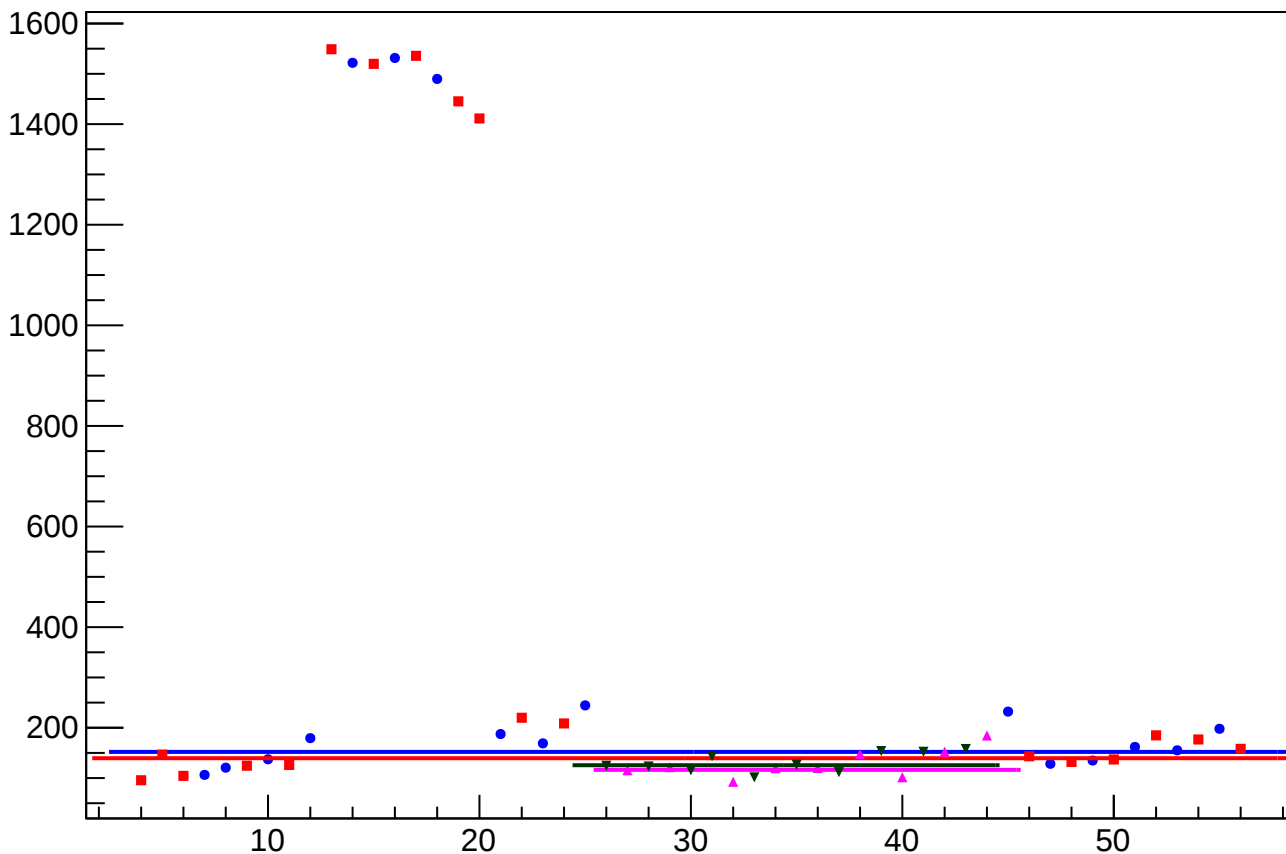
Right Out: 83.683+/-54.091 χ^2/NDF : 4.2/17

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

42.530+/-39.138 χ^2/NDF : 10.8/25

38.304+/-36.860 χ^2/NDF : 6.0/26

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 151.982 $\pm$ 0.039 χ^2 /NDF: 4485015.8/15

Left Out: 125.526 $\pm$ 0.039 χ^2 /NDF: 209010.8/9

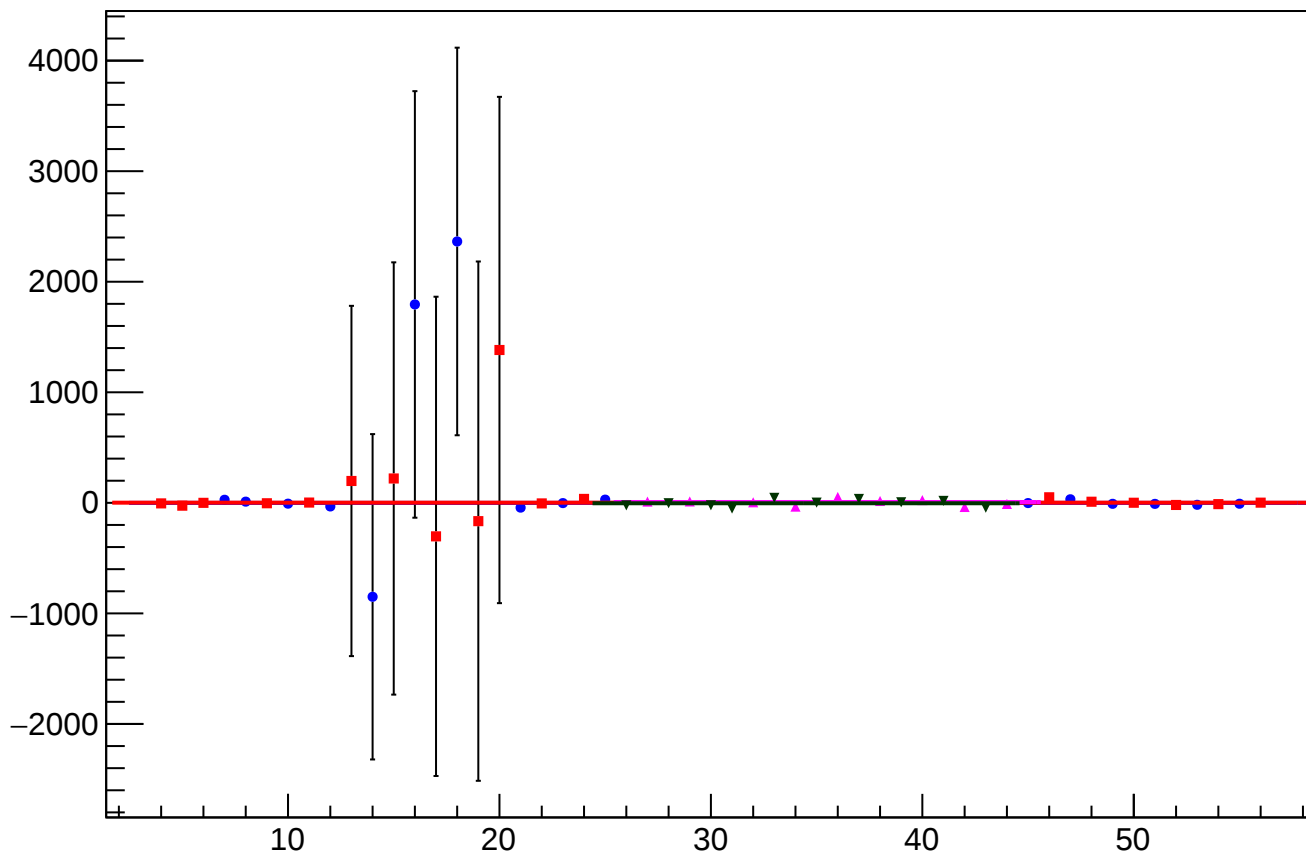
138.631 $\pm$ 0.028 χ^2 /NDF: 4922478.0/25

Right Out: 139.458 $\pm$ 0.038 χ^2 /NDF: 5264739.0/17

127.060 $\pm$ 0.026 χ^2 /NDF: 5844878.8/26

Left In: 116.311 $\pm$ 0.036 χ^2 /NDF: 383966.9/8

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -0.550+/-5.026 χ^2/NDF : 14.6/15

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

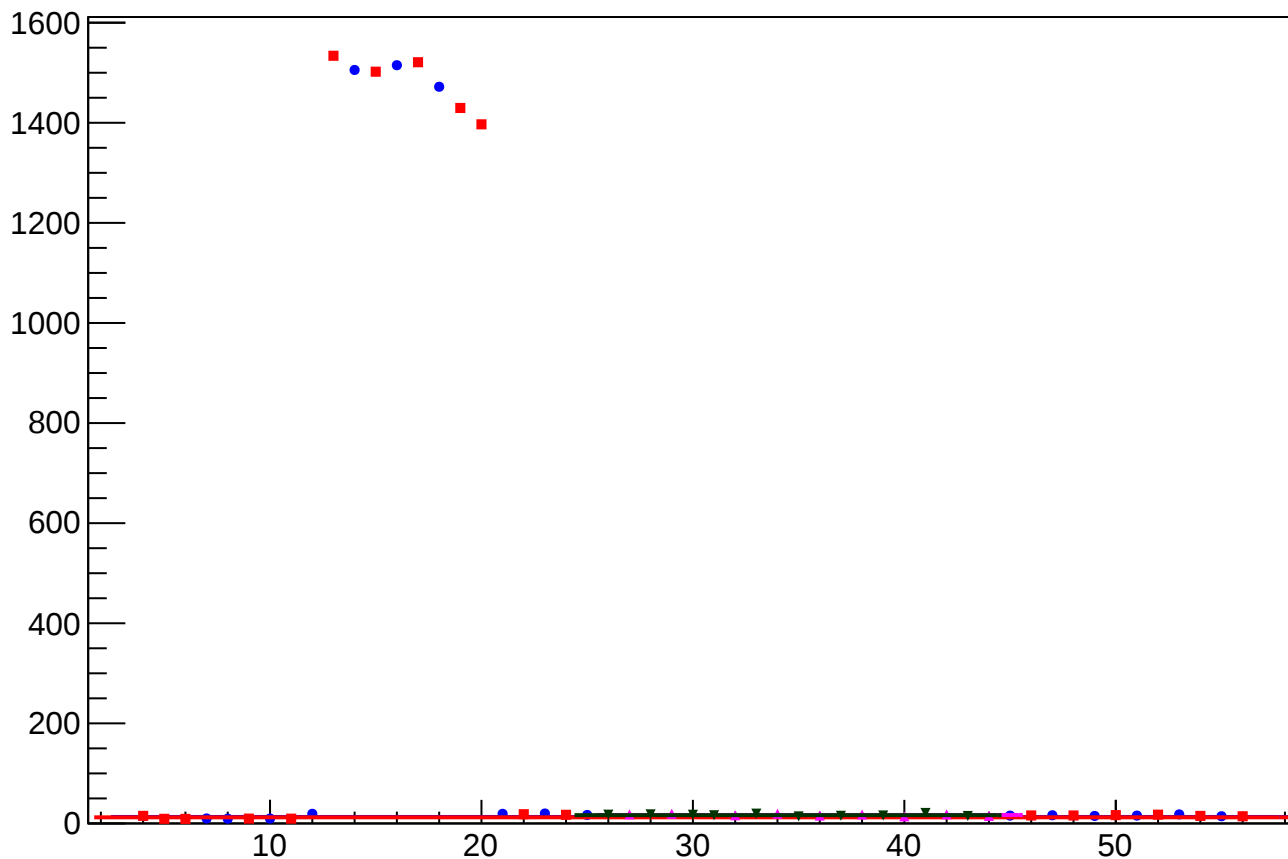
Right Out: 1.492+/-4.959 χ^2/NDF : 9.5/17

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

-1.553+/-4.163 χ^2/NDF : 29.3/25

3.376+/-4.127 χ^2/NDF : 20.4/26

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 12.948+/-0.004 χ^2/NDF : 5692981.4/15

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

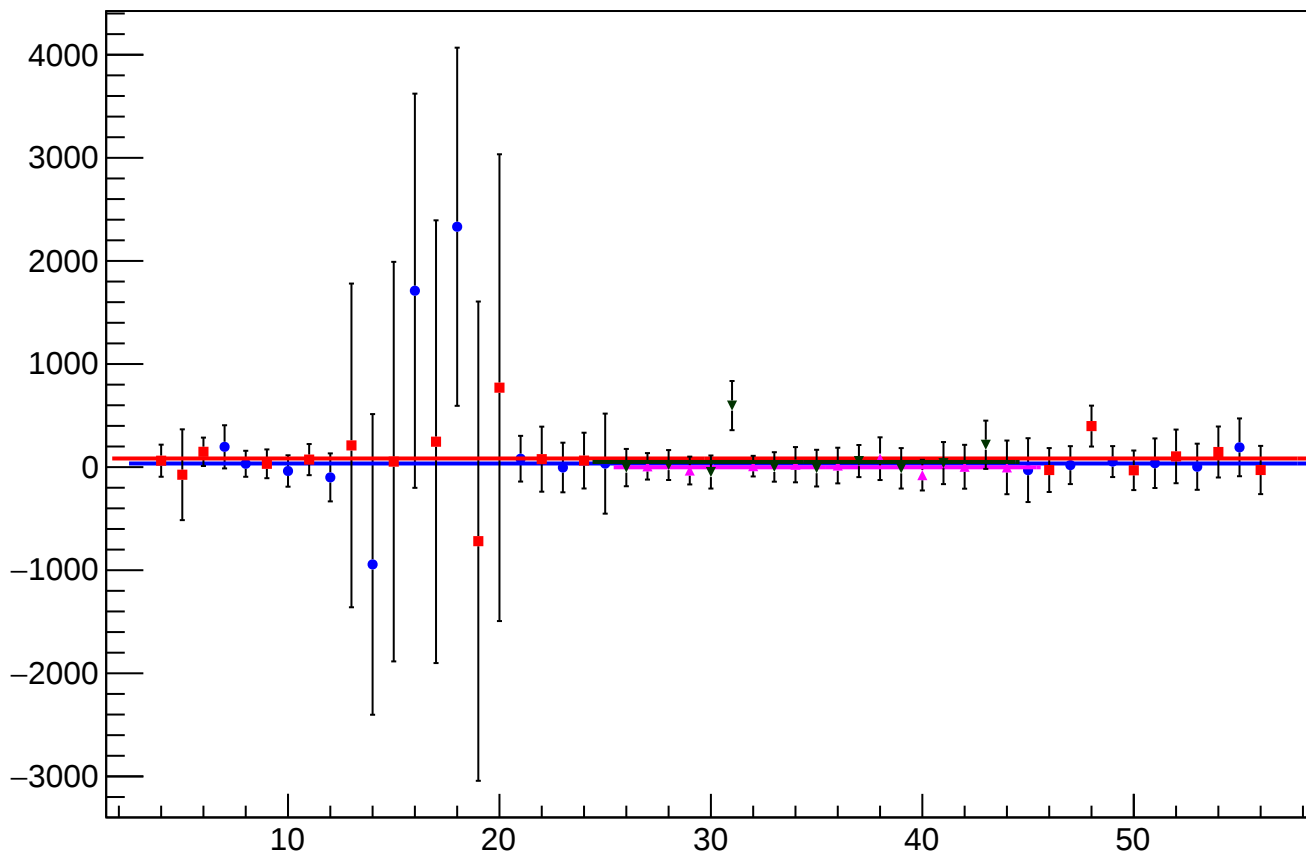
Right Out: 12.238+/-0.004 χ^2/NDF : 6366386.7/17

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

14.089+/-0.003 χ^2/NDF : 6154713.3/25

13.689+/-0.003 χ^2/NDF : 7034070.4/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 35.224+/-55.513 χ^2/NDF : 4.6/15

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

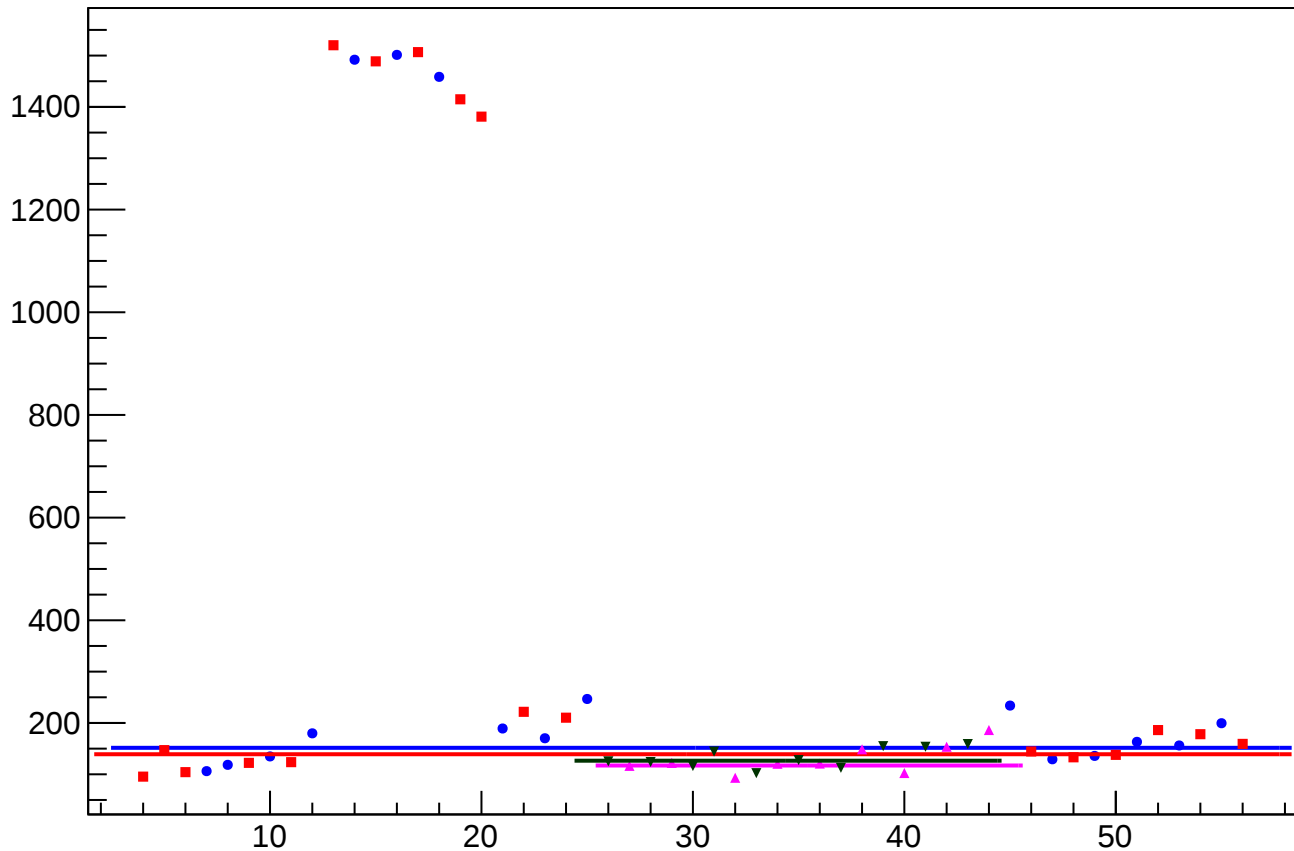
Right Out: 83.732+/-53.972 χ^2/NDF : 4.2/17

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

42.668+/-39.256 χ^2/NDF : 11.2/25

38.357+/-36.964 χ^2/NDF : 6.0/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 151.599+/-0.039 χ^2/NDF : 4508012.4/15

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

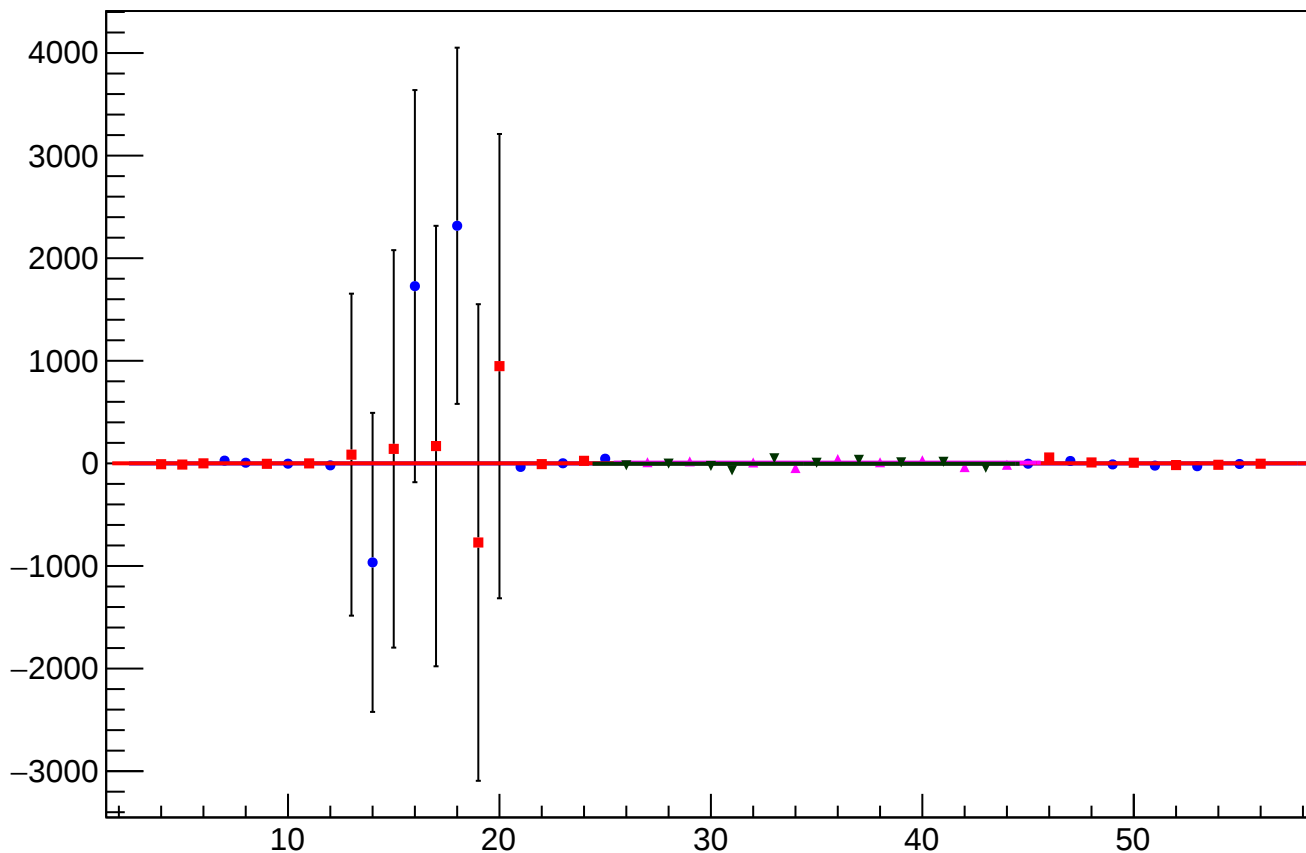
Right Out: 139.078+/-0.038 χ^2/NDF : 5278439.1/17

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

139.050+/-0.028 χ^2/NDF : 4921630.5/25

127.431+/-0.026 χ^2/NDF : 5838583.5/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -0.436+/-4.664 χ^2/NDF : 13.8/15

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

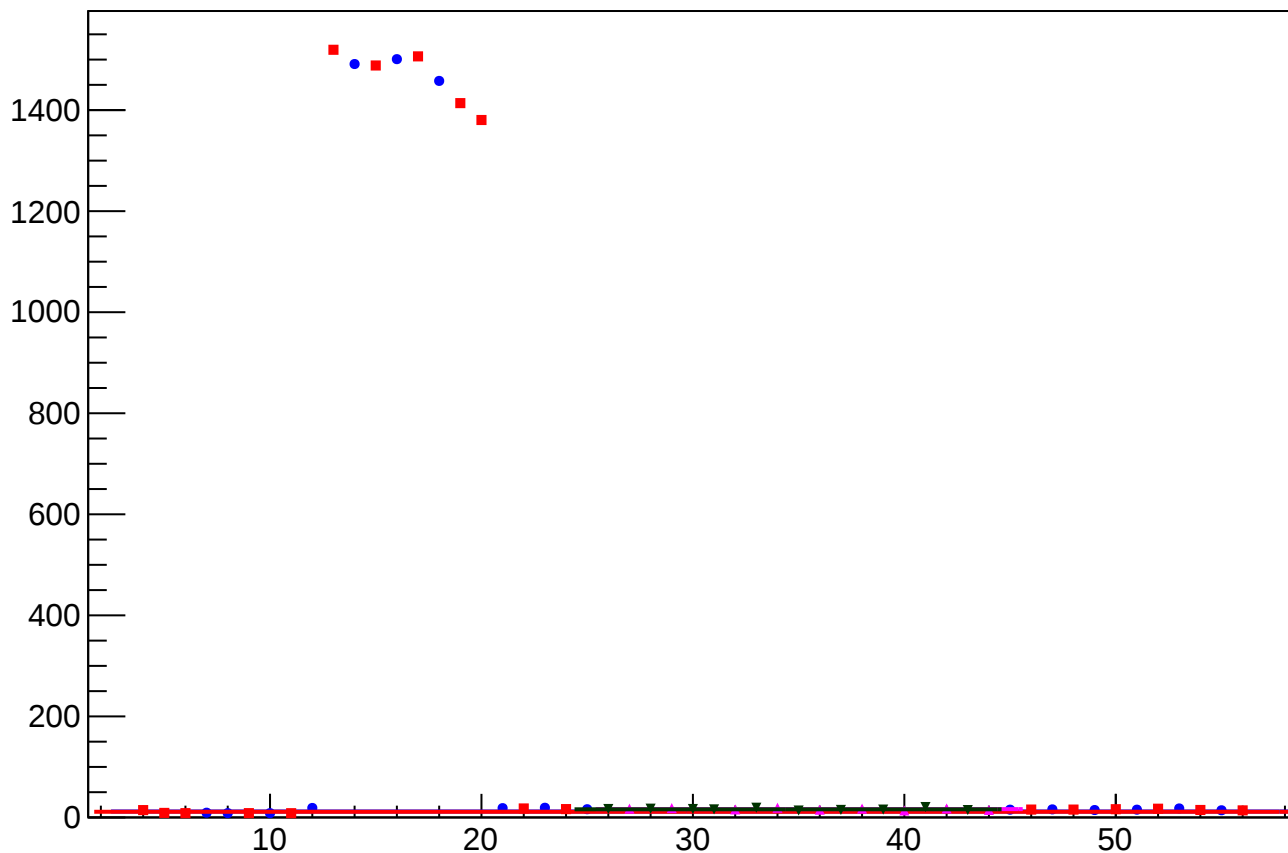
Right Out: 0.793+/-4.614 χ^2/NDF : 9.4/17

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

-1.274+/-3.922 χ^2/NDF : 32.1/25

2.770+/-3.894 χ^2/NDF : 21.4/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 11.837 $\pm$ 0.003 χ^2 /NDF: 6040737.7/15

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

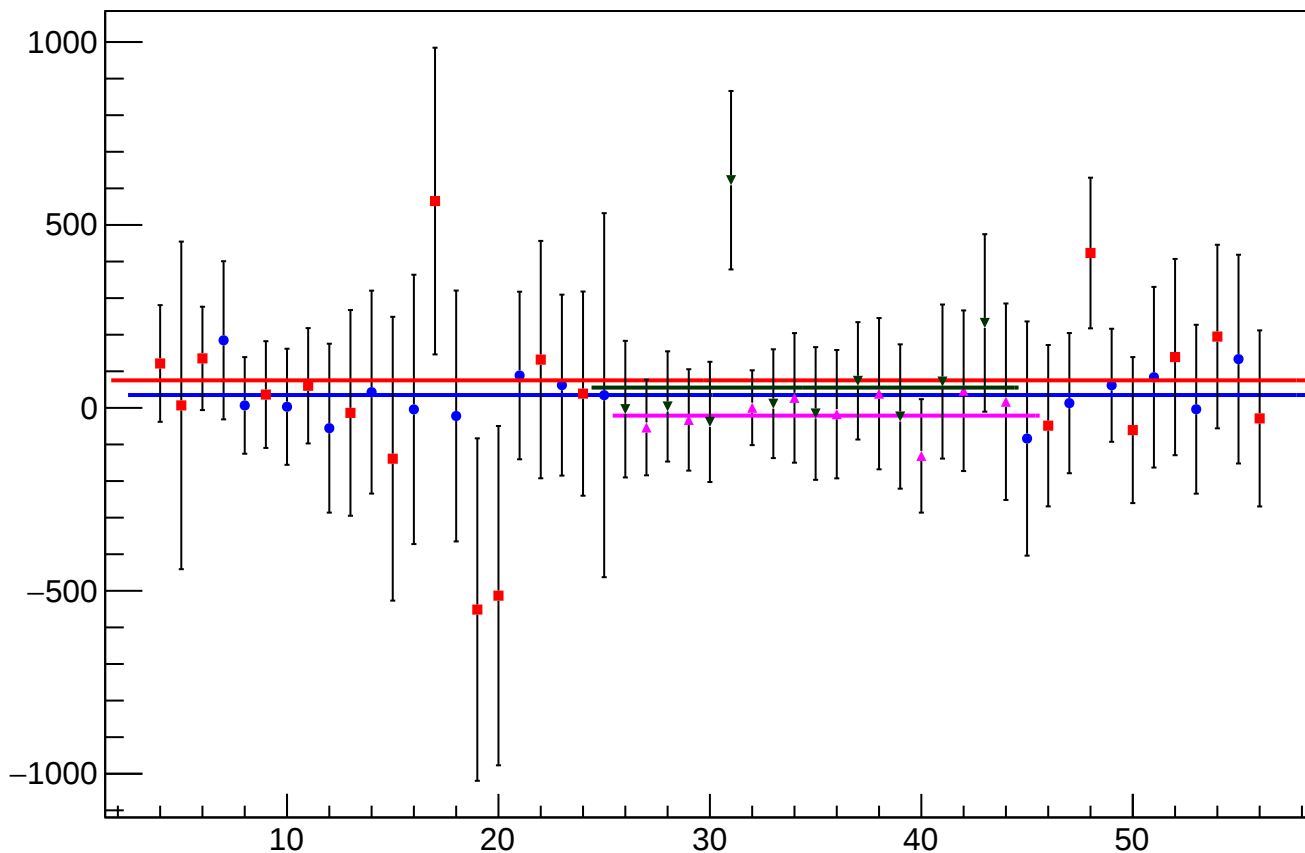
Right Out: 11.251 $\pm$ 0.003 χ^2 /NDF: 6627698.4/17

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

13.097 $\pm$ 0.003 χ^2 /NDF: 6666840.6/25

12.764 $\pm$ 0.003 χ^2 /NDF: 7475976.6/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 35.175+/-54.885 χ^2/NDF : 1.2/15

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

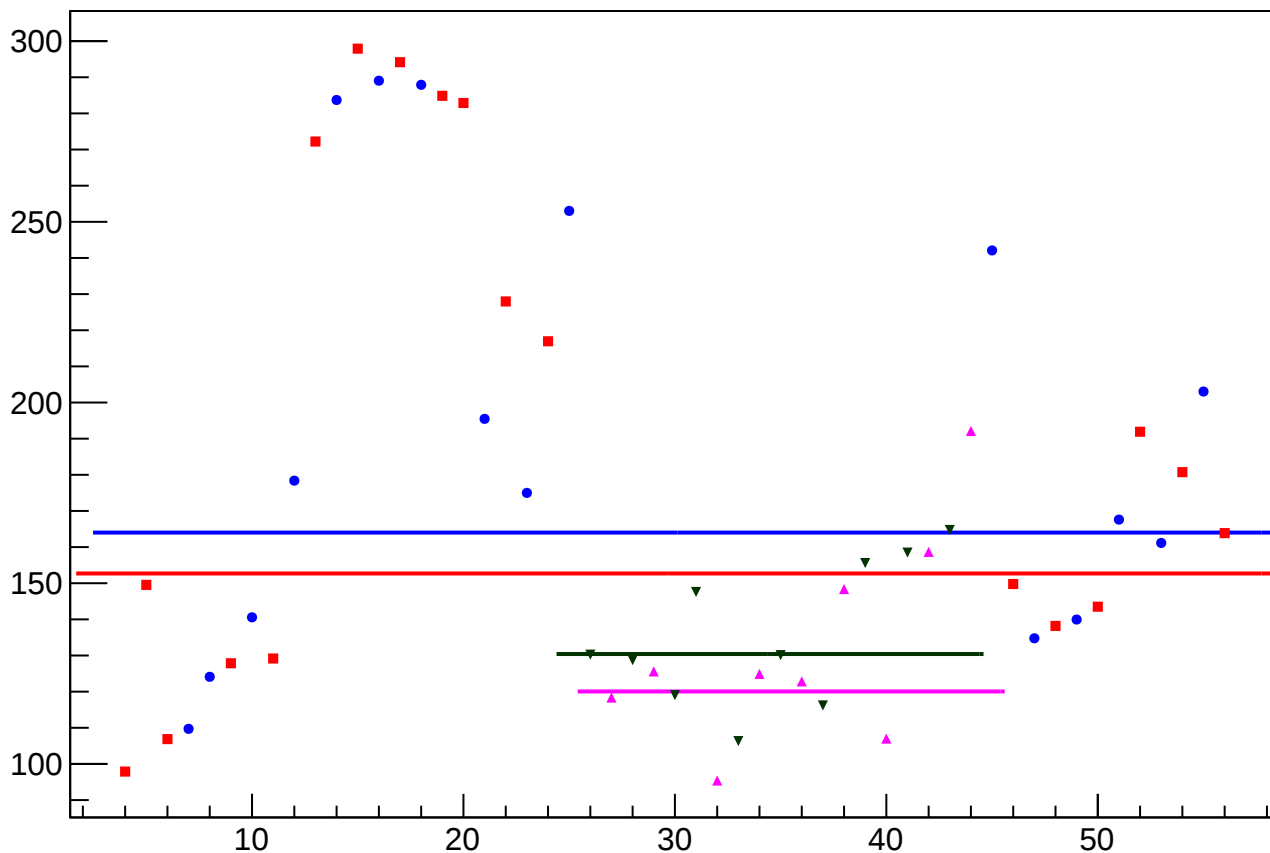
Right Out: 75.284+/-53.111 χ^2/NDF : 9.7/17

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

44.932+/-39.581 χ^2/NDF : 8.2/25

26.006+/-37.144 χ^2/NDF : 12.3/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 164.017+/-0.039 χ^2/NDF : 1582901.3/15

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

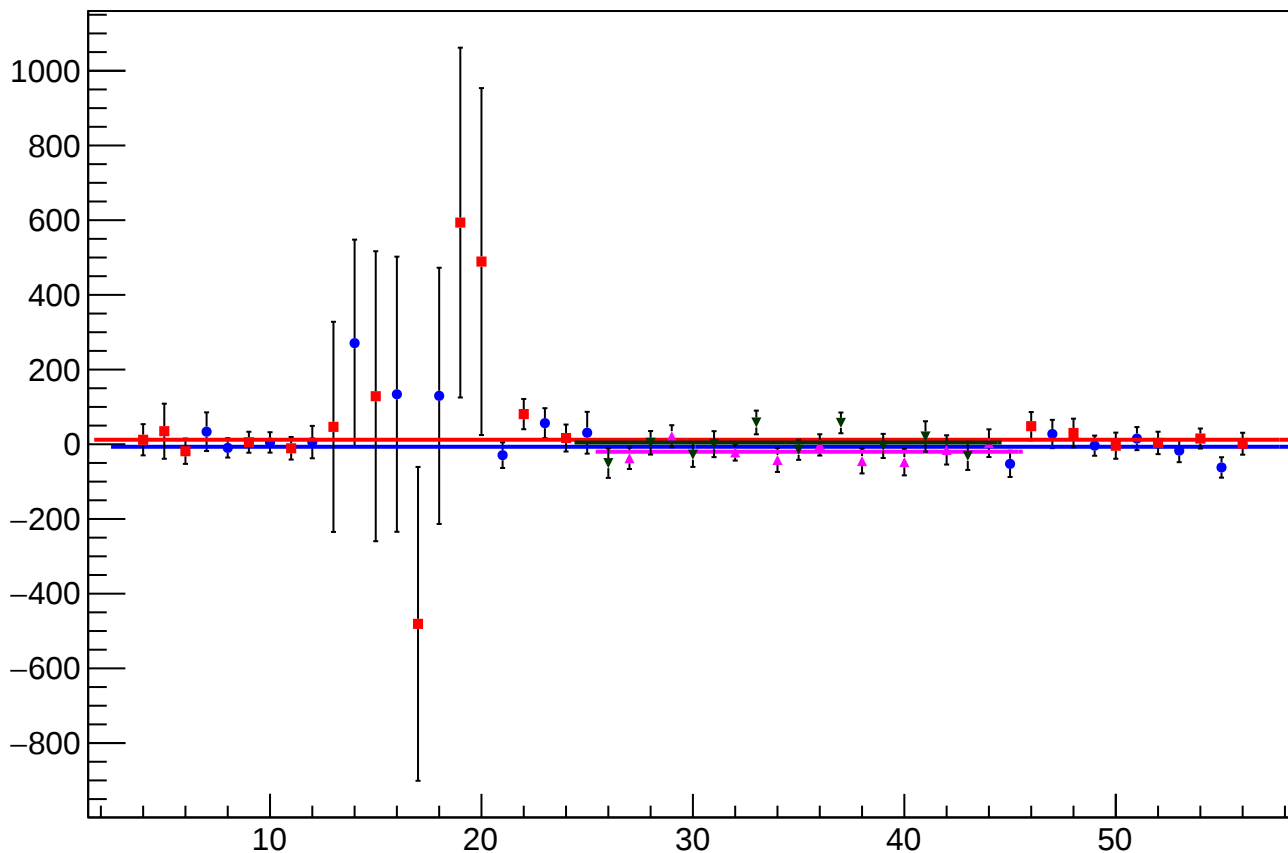
147.889+/-0.028 χ^2/NDF : 2138878.3/25

Right Out: 152.701+/-0.038 χ^2/NDF : 2036336.2/17

136.021+/-0.026 χ^2/NDF : 2802004.8/26

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: -6.682+/-9.179 χ^2/NDF : 12.8/15

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

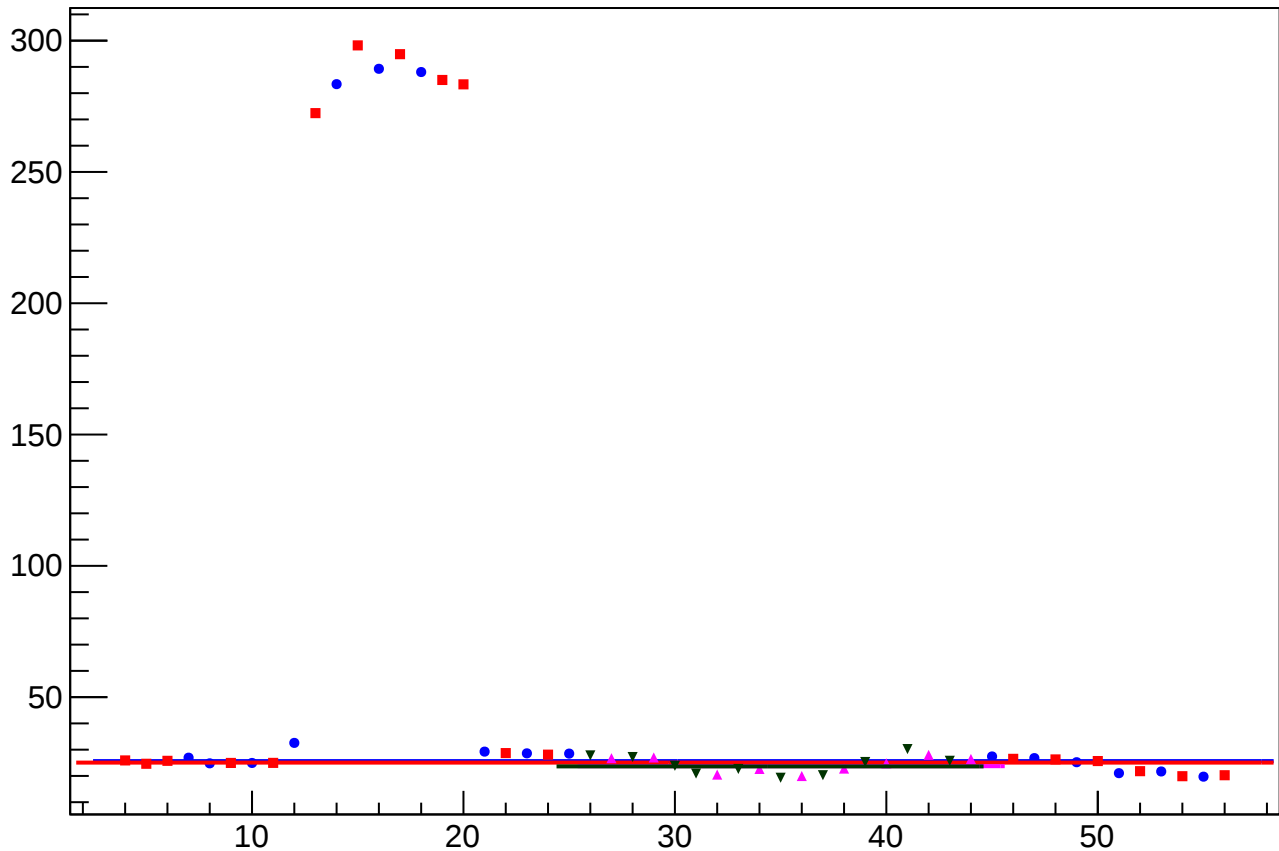
-1.664+/-6.865 χ^2/NDF : 24.6/25

Right Out: 12.145+/-9.427 χ^2/NDF : 10.1/17

-2.746+/-6.905 χ^2/NDF : 20.3/26

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

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 25.651 $\pm$ 0.006 χ^2 /NDF: 4199017.7/15

24.760 $\pm$ 0.005 χ^2 /NDF: 4449228.8/25

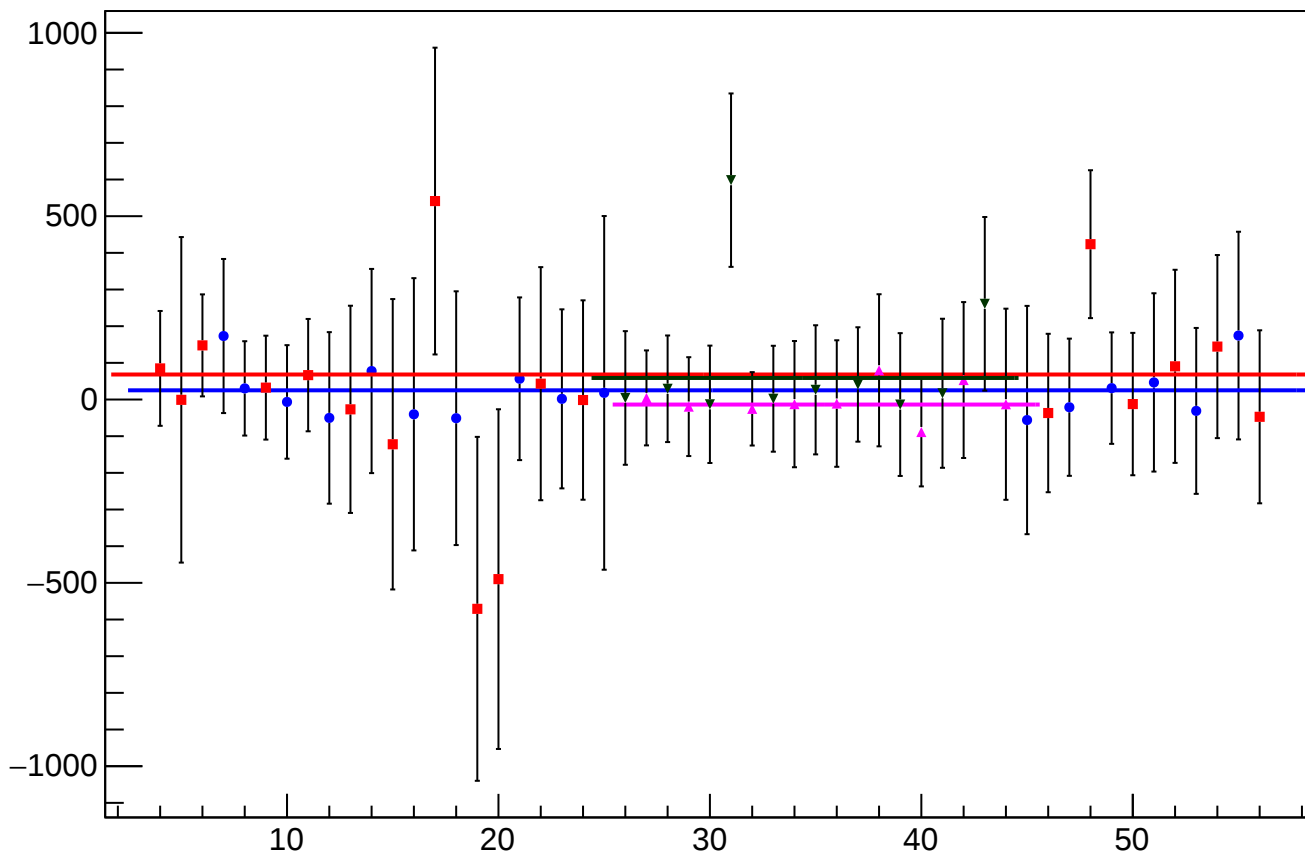
Left Out: 23.629 $\pm$ 0.007 χ^2 /NDF: 207433.9/9

Right Out: 25.073 $\pm$ 0.007 χ^2 /NDF: 4783945.9/17

24.441 $\pm$ 0.005 χ^2 /NDF: 4969177.1/26

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: 25.101+/-53.917 χ^2/NDF : 1.3/15

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

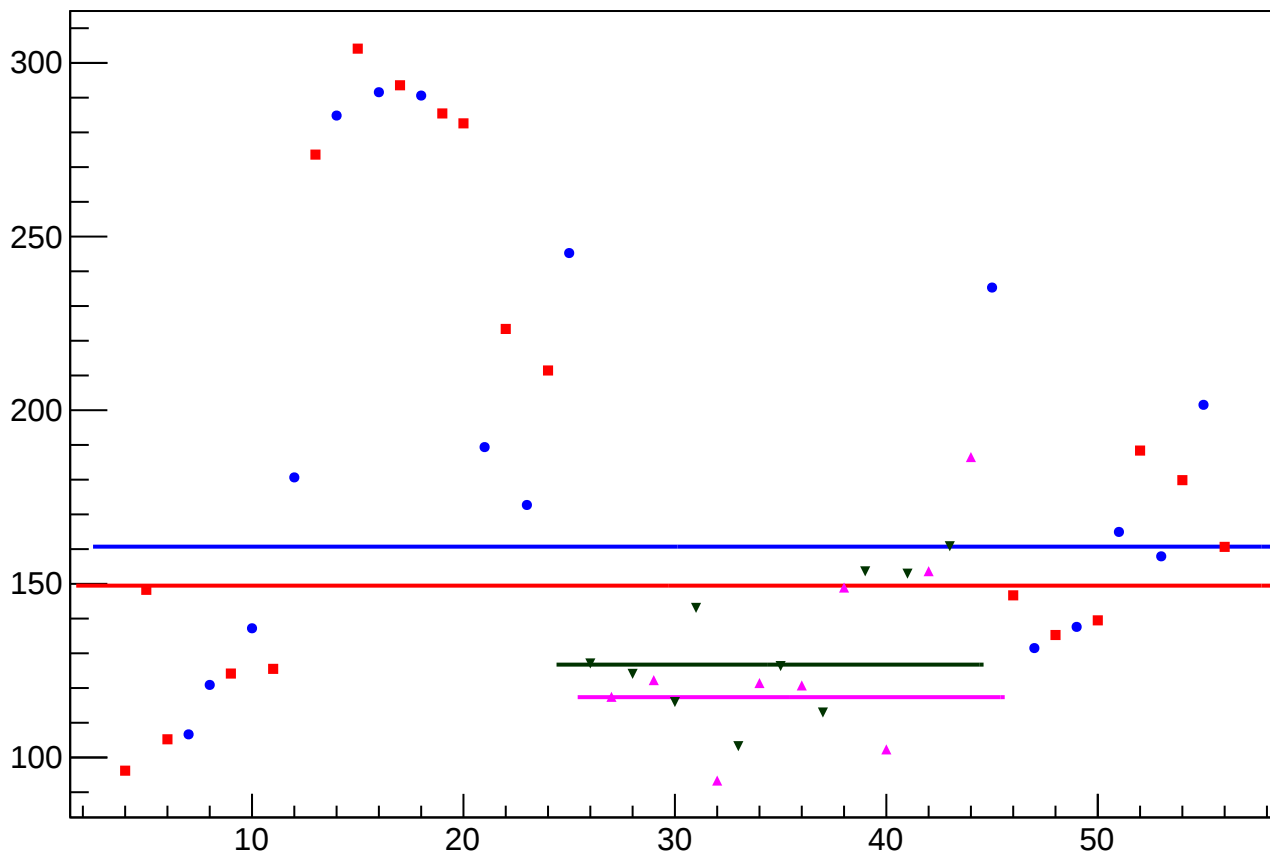
Right Out: 68.240+/-52.119 χ^2/NDF : 9.3/17

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

41.451+/-38.690 χ^2/NDF : 8.1/25

26.216+/-36.382 χ^2/NDF : 11.1/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 160.712+/-0.038 χ^2/NDF : 1664180.1/15

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

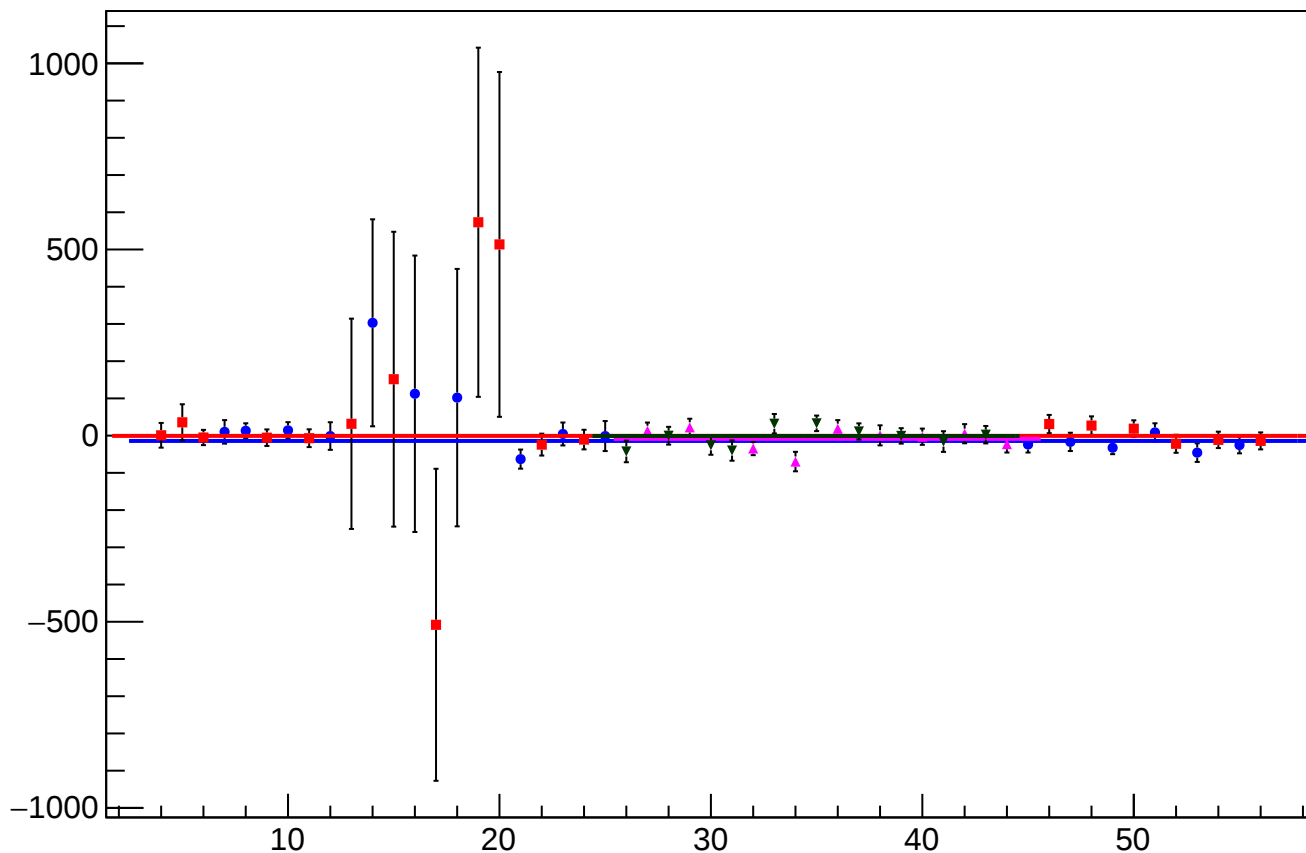
144.234+/-0.027 χ^2/NDF : 2249836.7/25

Right Out: 149.484+/-0.037 χ^2/NDF : 2113190.1/17

133.019+/-0.026 χ^2/NDF : 2887997.4/26

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: -14.245 $\pm$ 6.746 χ^2 /NDF: 13.9/15

Left Out: -0.891 $\pm$ 7.638 χ^2 /NDF: 9.9/9

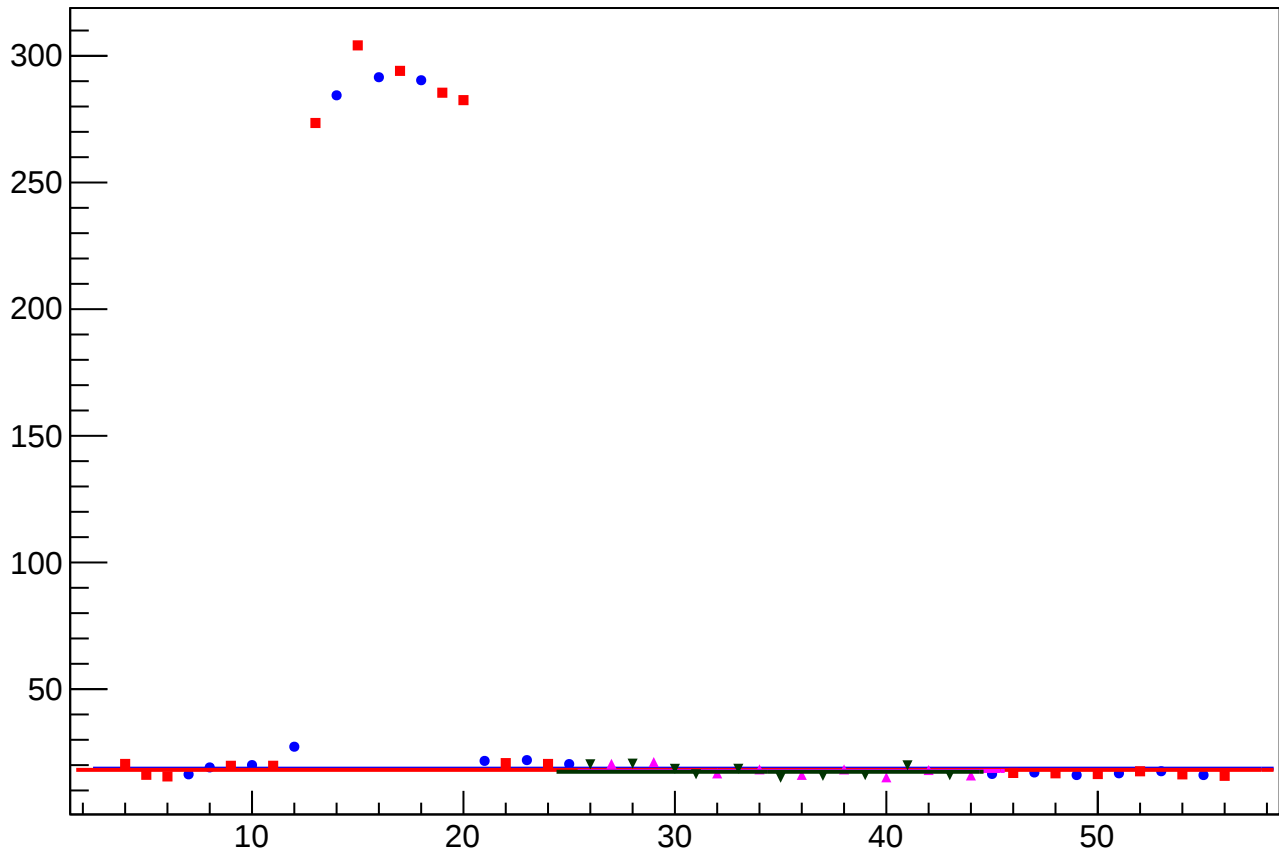
Right Out: -0.682 $\pm$ 6.891 χ^2 /NDF: 10.9/17

Left In: -8.626 $\pm$ 7.603 χ^2 /NDF: 12.5/8

-8.393 $\pm$ 5.056 χ^2 /NDF: 25.6/25

-4.265 $\pm$ 5.106 χ^2 /NDF: 24.0/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 18.603 $\pm$ 0.005 χ^2 /NDF: 4440056.2/15

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

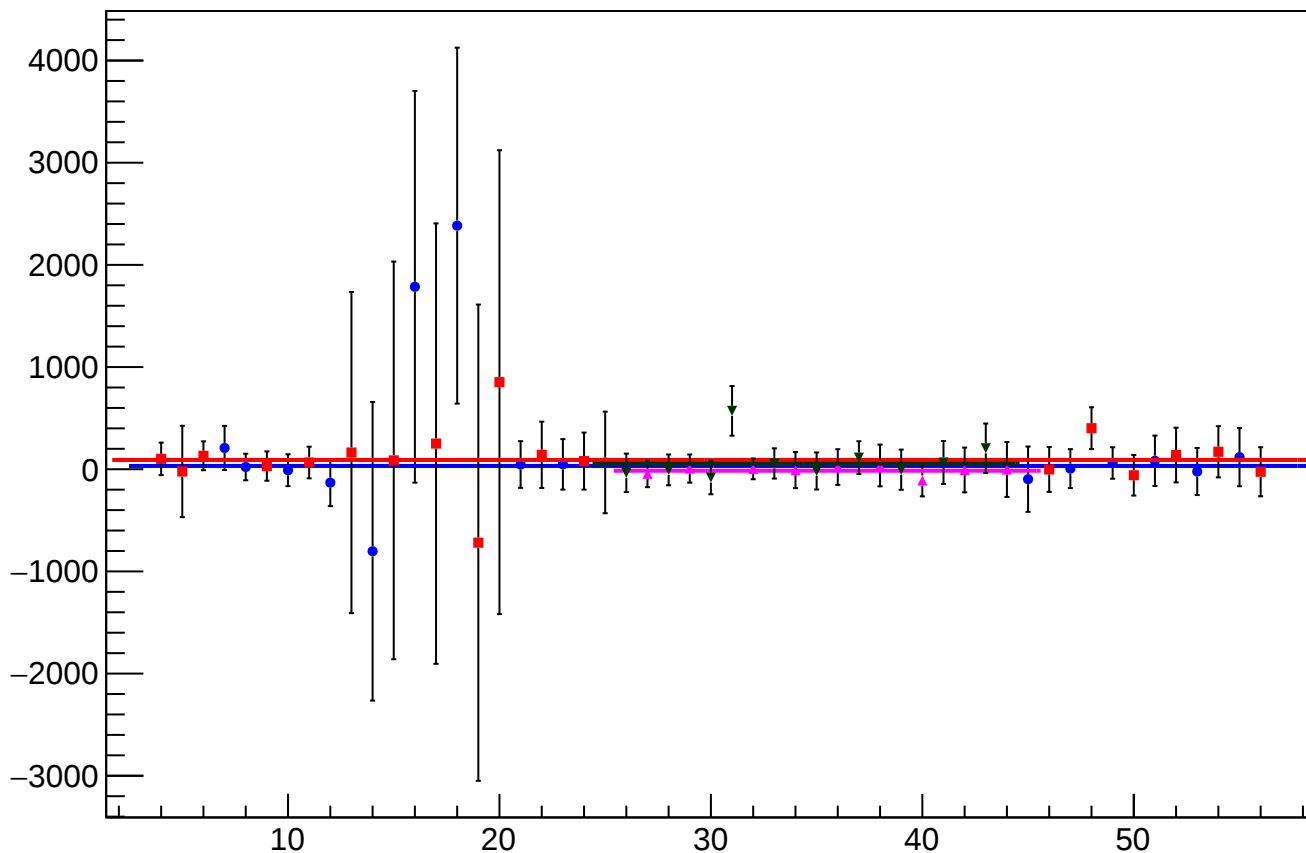
Right Out: 18.132 $\pm$ 0.005 χ^2 /NDF: 5000563.7/17

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

18.068 $\pm$ 0.004 χ^2 /NDF: 4604944.2/25

17.935 $\pm$ 0.004 χ^2 /NDF: 5138165.6/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 32.167+/-56.940 χ^2/NDF : 4.7/15

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

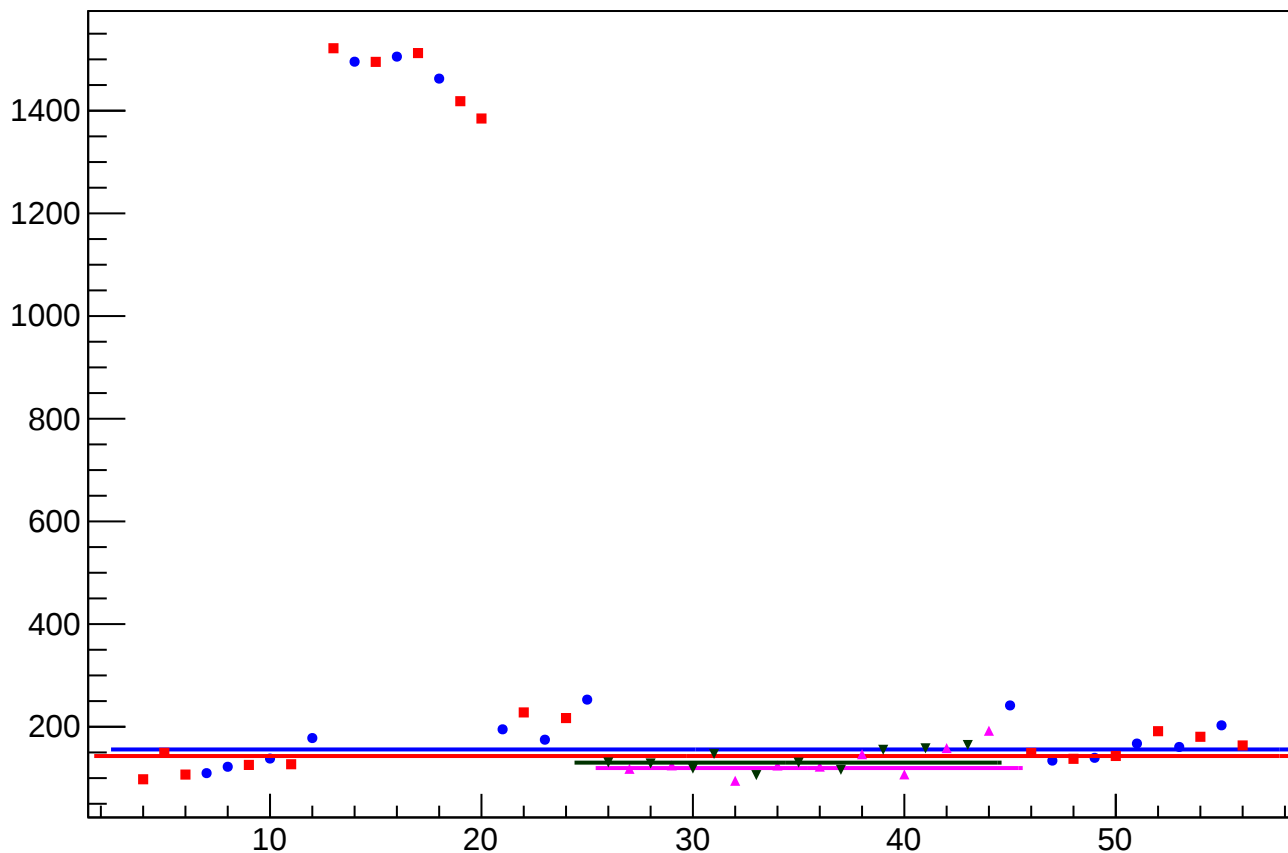
Right Out: 90.814+/-55.433 χ^2/NDF : 4.0/17

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

43.267+/-40.305 χ^2/NDF : 11.1/25

34.598+/-37.837 χ^2/NDF : 6.6/26

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 155.815 $\pm$ 0.040 χ^2 /NDF: 4466246.6/15

Left Out: 130.144 $\pm$ 0.040 χ^2 /NDF:197118.8/9

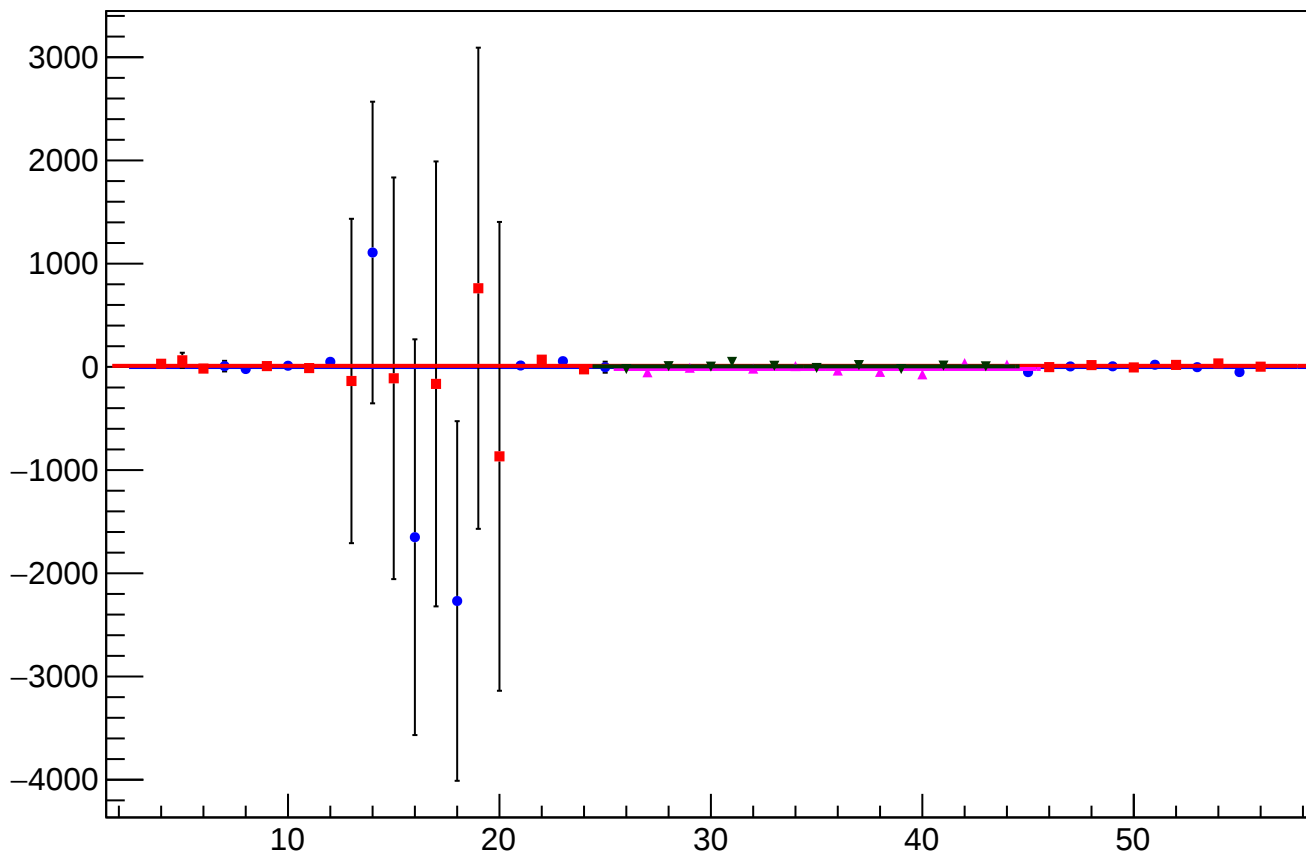
Right Out: 143.007 $\pm$ 0.039 χ^2 /NDF: 5258101.2/17

Left In: 119.590 $\pm$ 0.037 χ^2 /NDF:380691.2/8

143.006 $\pm$ 0.028 χ^2 /NDF: 4866203.5/25

130.500 $\pm$ 0.027 χ^2 /NDF: 5829405.7/26

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -1.537+/-8.899 χ^2/NDF : 13.7/15

Left Out: 5.137+/-9.787 χ^2/NDF : 3.6/9

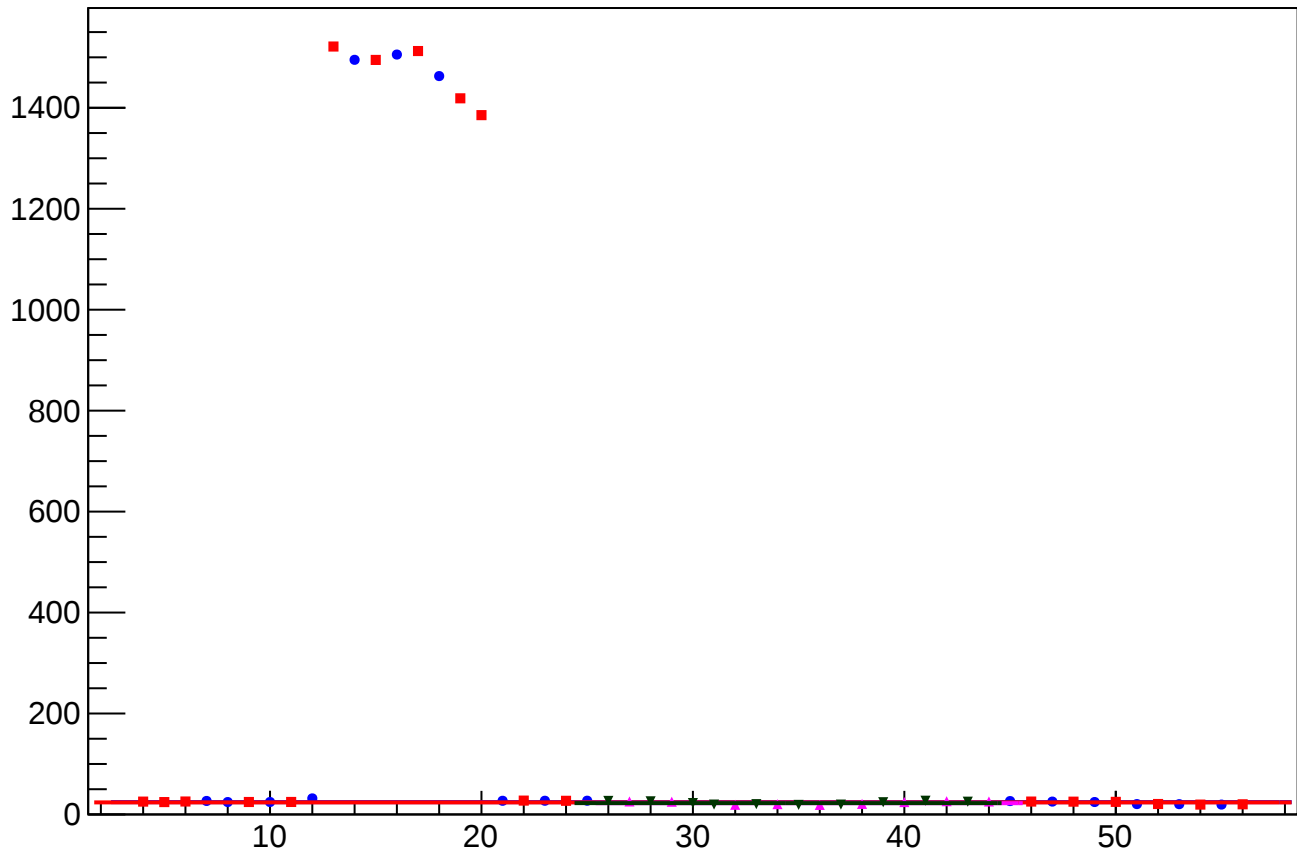
Right Out: 10.037+/-9.208 χ^2/NDF : 6.9/17

Left In: -20.467+/-9.485 χ^2/NDF : 9.8/8

1.484+/-6.584 χ^2/NDF : 17.6/25

-4.764+/-6.607 χ^2/NDF : 22.0/26

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 24.421+/-0.006 χ^2/NDF : 4825187.4/15

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

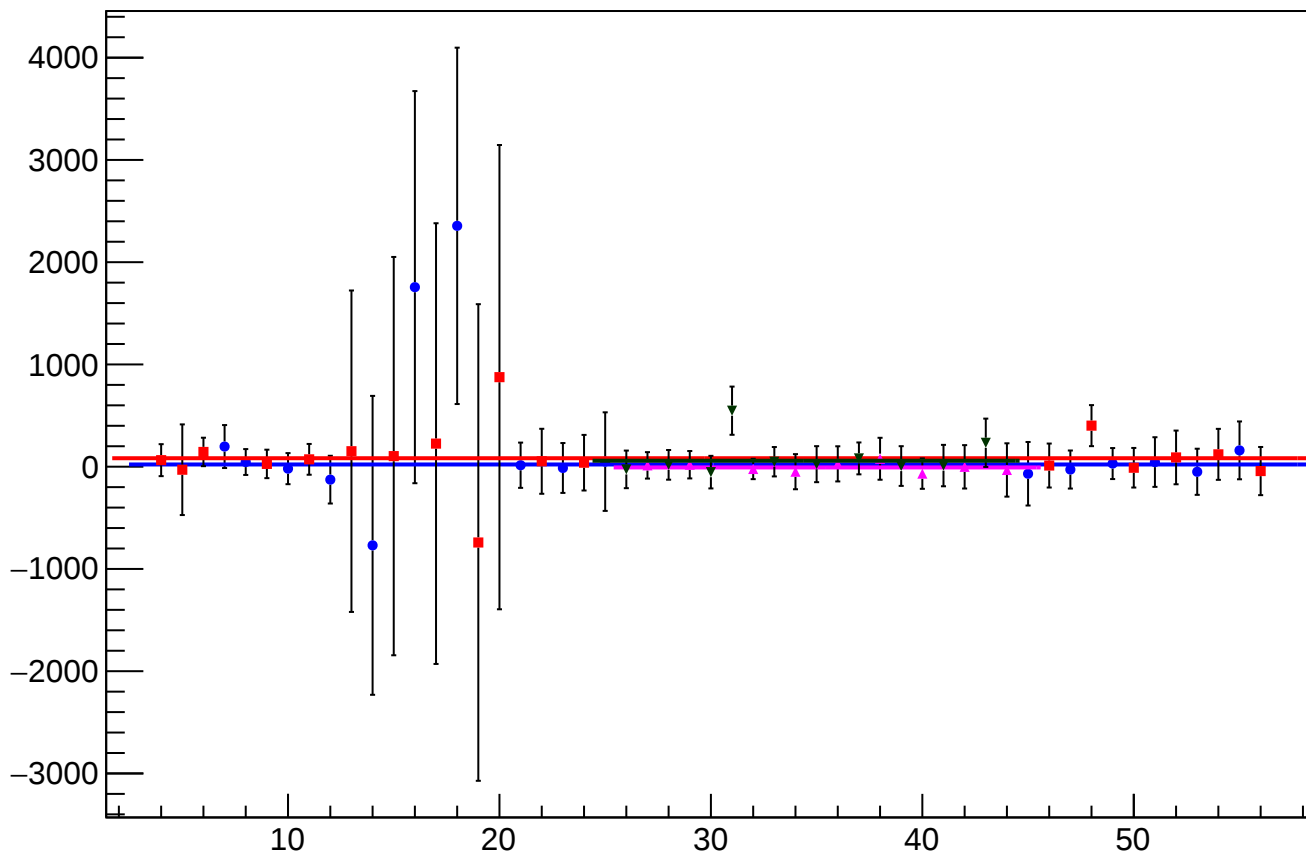
Right Out: 23.890+/-0.007 χ^2/NDF : 5516381.7/17

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

23.537+/-0.005 χ^2/NDF : 5061336.7/25

23.116+/-0.005 χ^2/NDF : 5739529.6/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 21.668+/-55.794 χ^2/NDF : 4.6/15

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

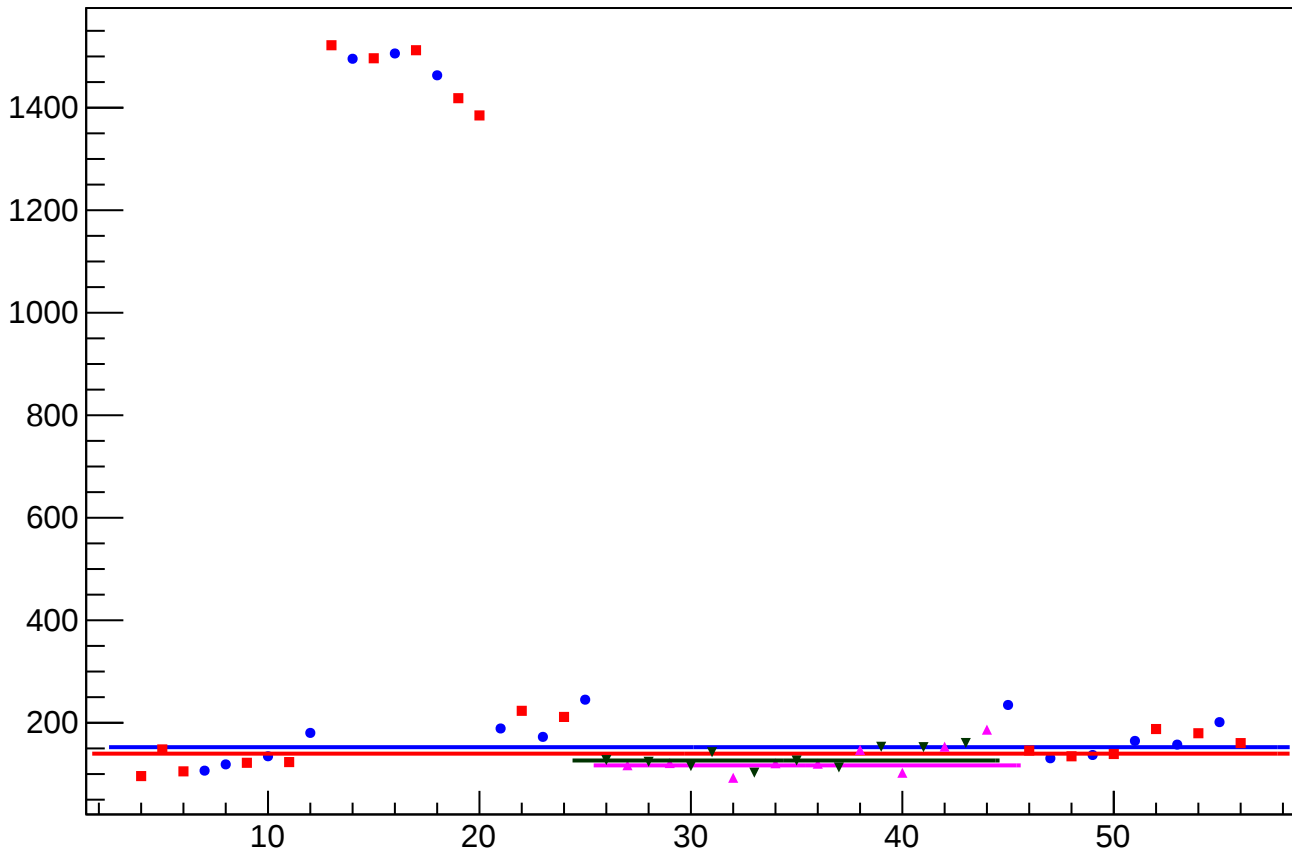
Right Out: 82.781+/-54.245 χ^2/NDF : 3.9/17

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

40.081+/-39.338 χ^2/NDF : 10.7/25

34.602+/-37.007 χ^2/NDF : 5.9/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 152.437+/-0.039 χ^2/NDF : 4503405.1/15

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

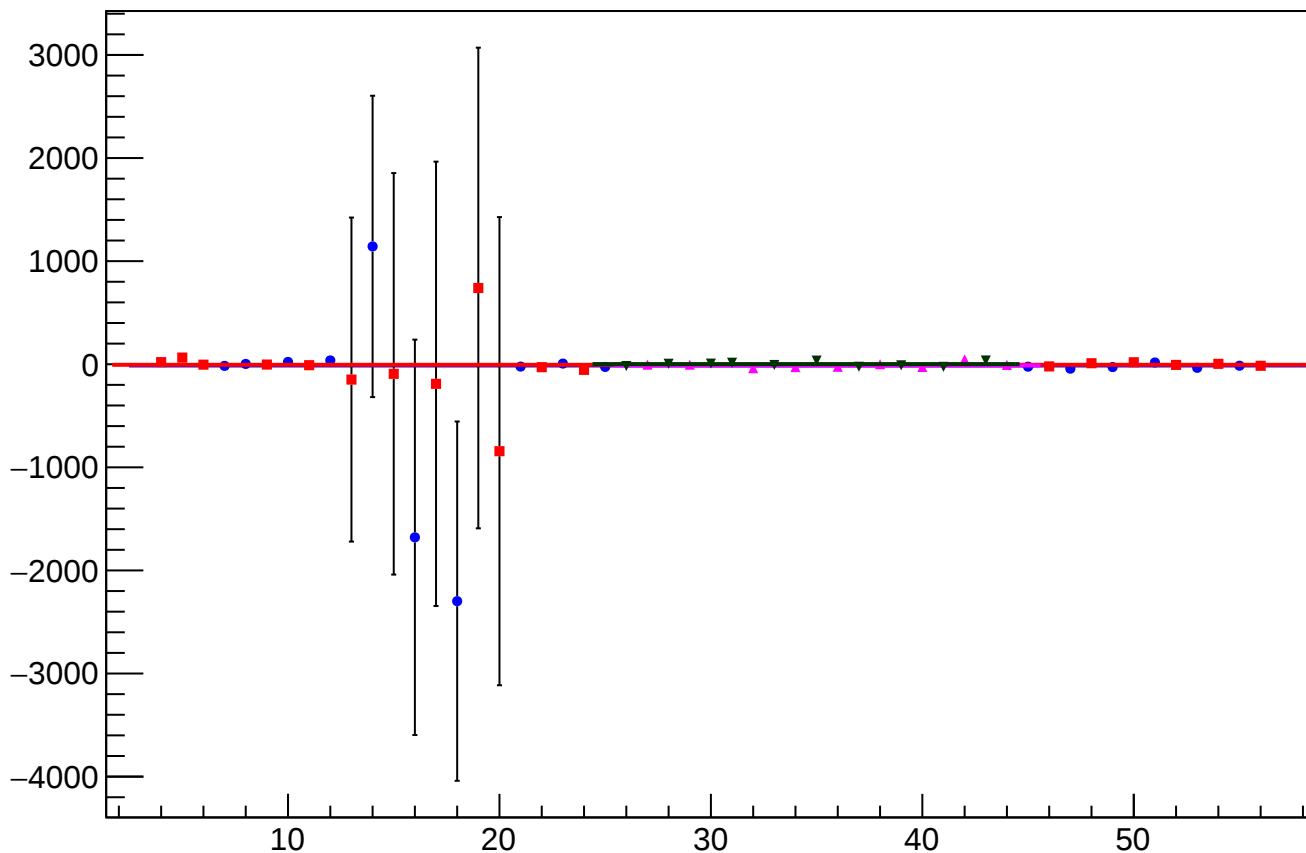
139.374+/-0.028 χ^2/NDF : 4923037.6/25

Right Out: 139.798+/-0.038 χ^2/NDF : 5282144.4/17

127.561+/-0.026 χ^2/NDF : 5859048.6/26

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

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -11.922 $\pm$ 6.378 χ^2 /NDF: 14.6/15

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

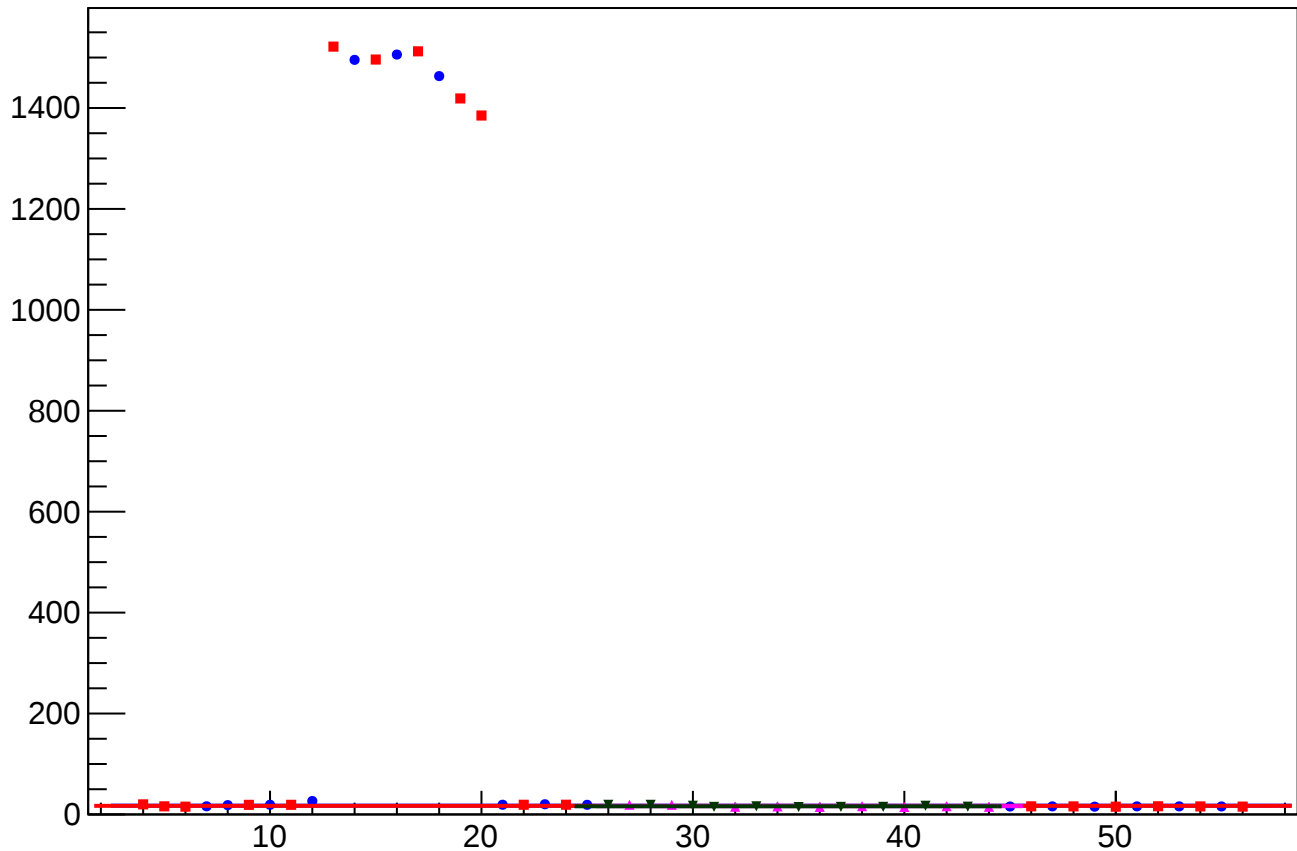
Right Out: -5.508 $\pm$ 6.587 χ^2 /NDF: 10.4/17

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

-5.924 $\pm$ 4.729 χ^2 /NDF: 26.1/25

-8.583 $\pm$ 4.781 χ^2 /NDF: 22.3/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.422+/-0.005 χ^2 /NDF: 4890804.6/15

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

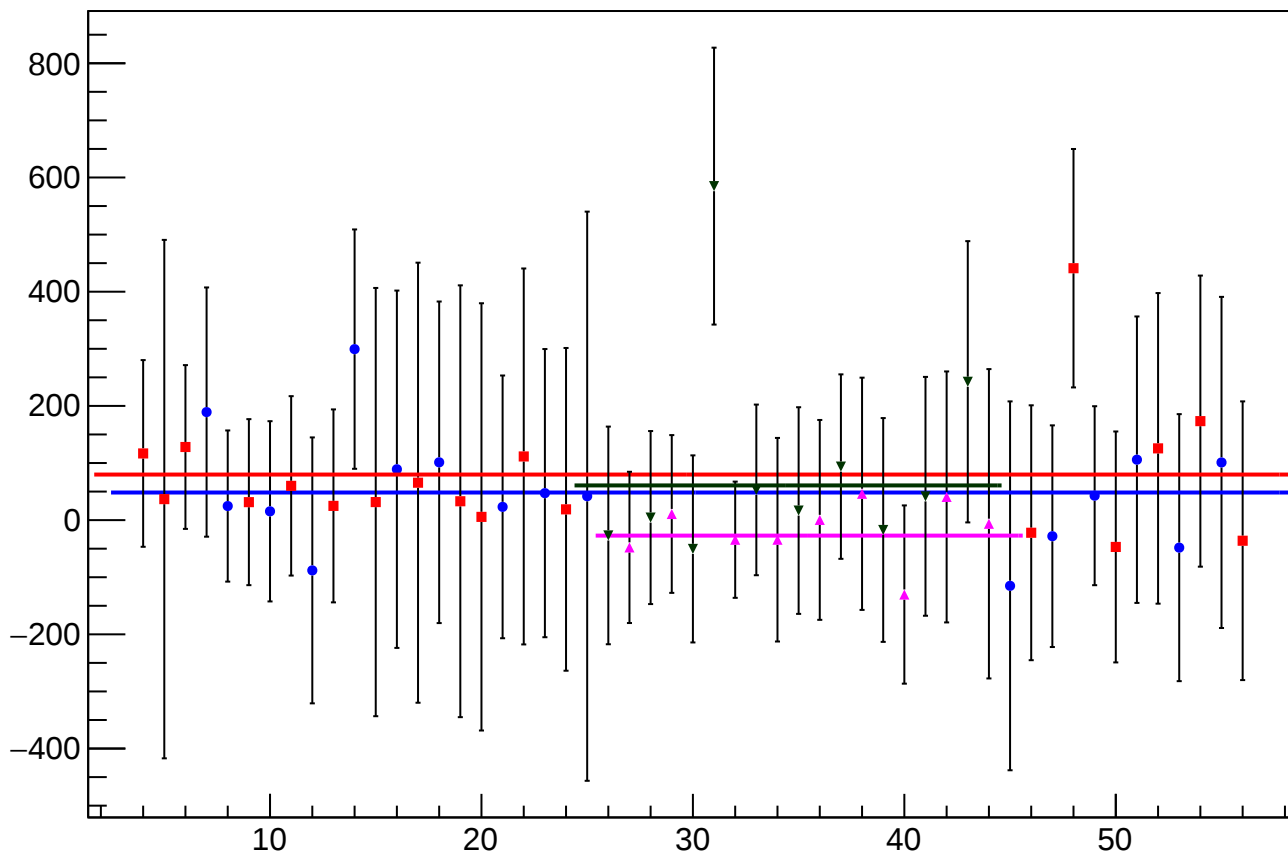
16.881+/-0.003 χ^2 /NDF: 5019978.7/25

Right Out: 17.064+/-0.005 χ^2 /NDF: 5528973.4/17

16.741+/-0.003 χ^2 /NDF: 5643476.3/26

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

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 48.353+/-53.928 χ^2/NDF : 3.0/15

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

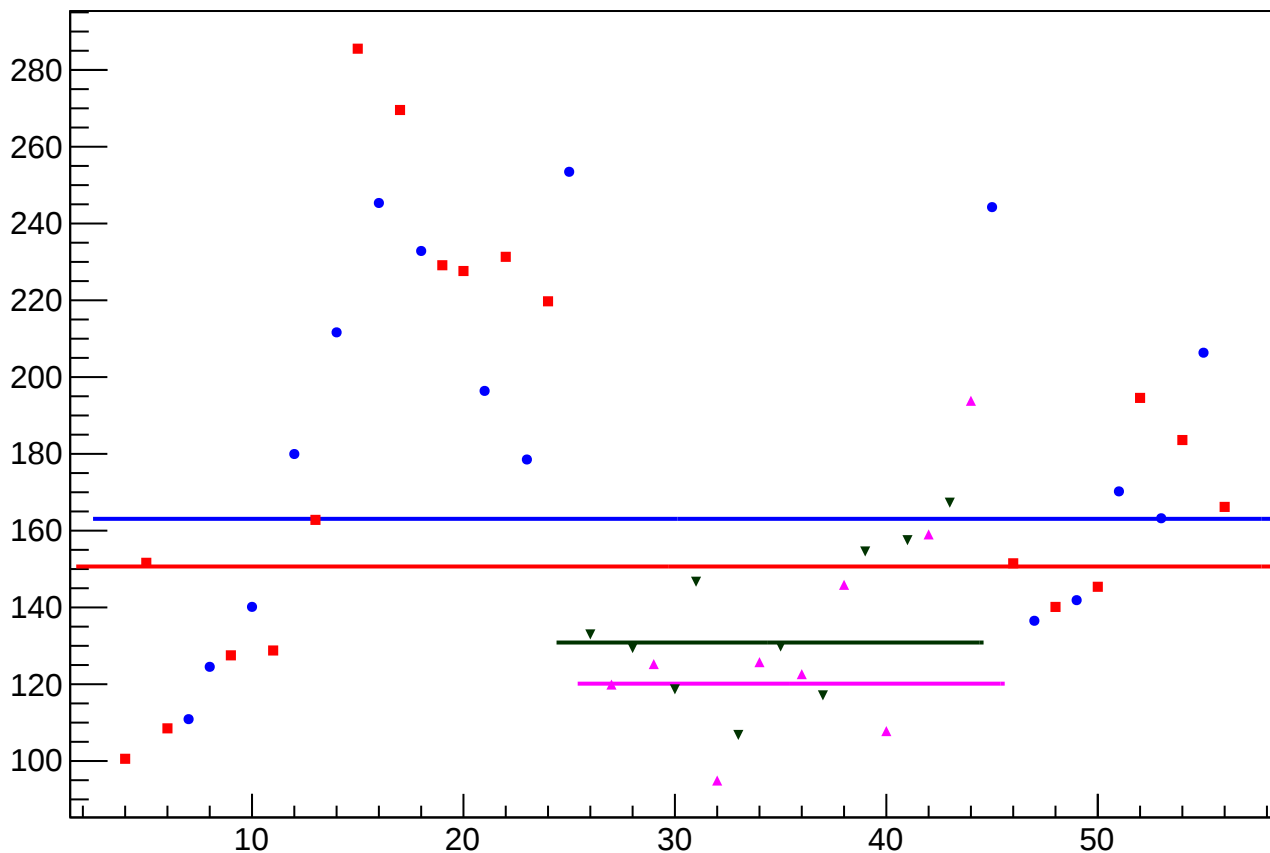
Right Out: 79.802+/-51.521 χ^2/NDF : 4.5/17

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

54.186+/-39.274 χ^2/NDF : 9.3/25

26.851+/-36.602 χ^2/NDF : 7.5/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 163.078 ± 0.038 χ^2/NDF : 1067060.1/15

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

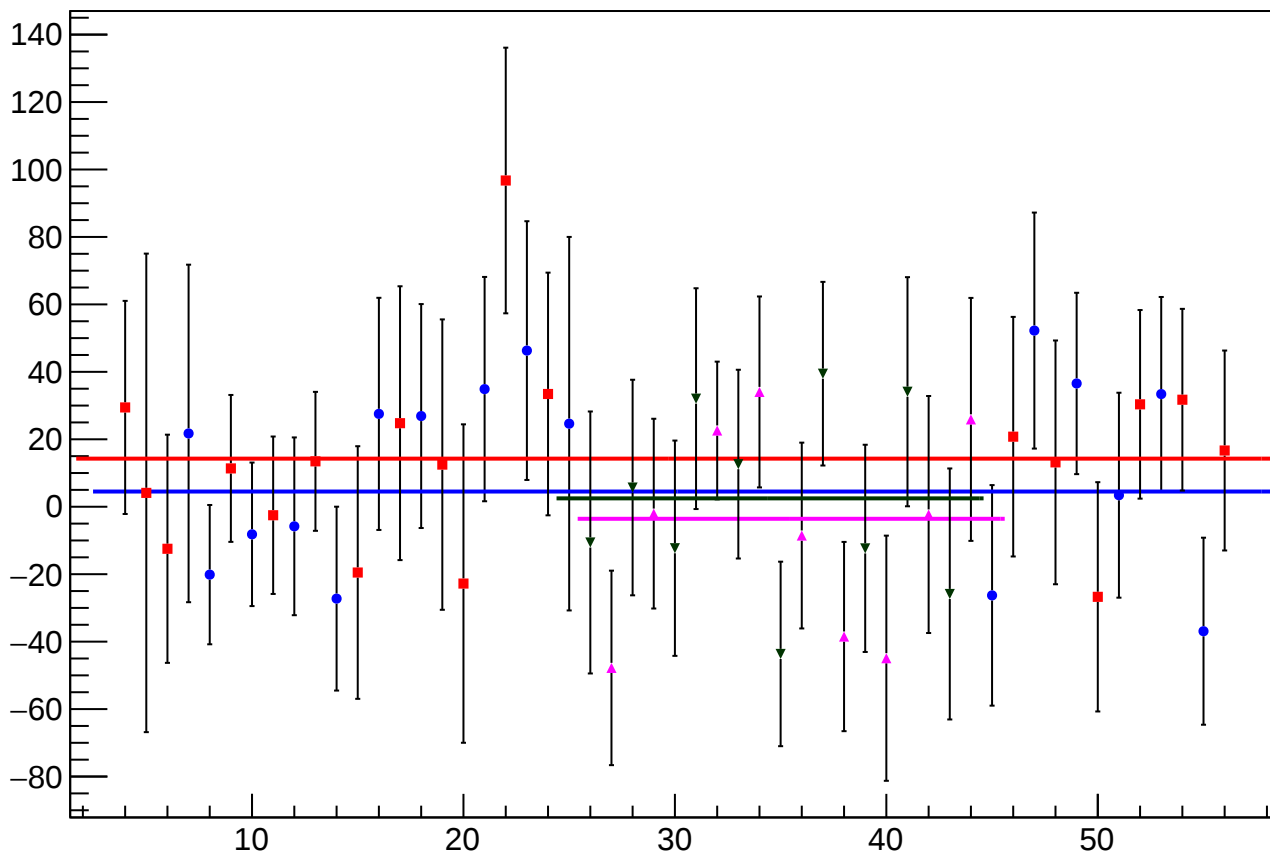
147.949 ± 0.028 χ^2/NDF : 1594379.2/25

Right Out: 150.664 ± 0.036 χ^2/NDF : 1420195.2/17

135.549 ± 0.026 χ^2/NDF : 2151000.0/26

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: 4.511 ± 7.428 $\chi^2/\text{NDF}: 13.9/15$

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

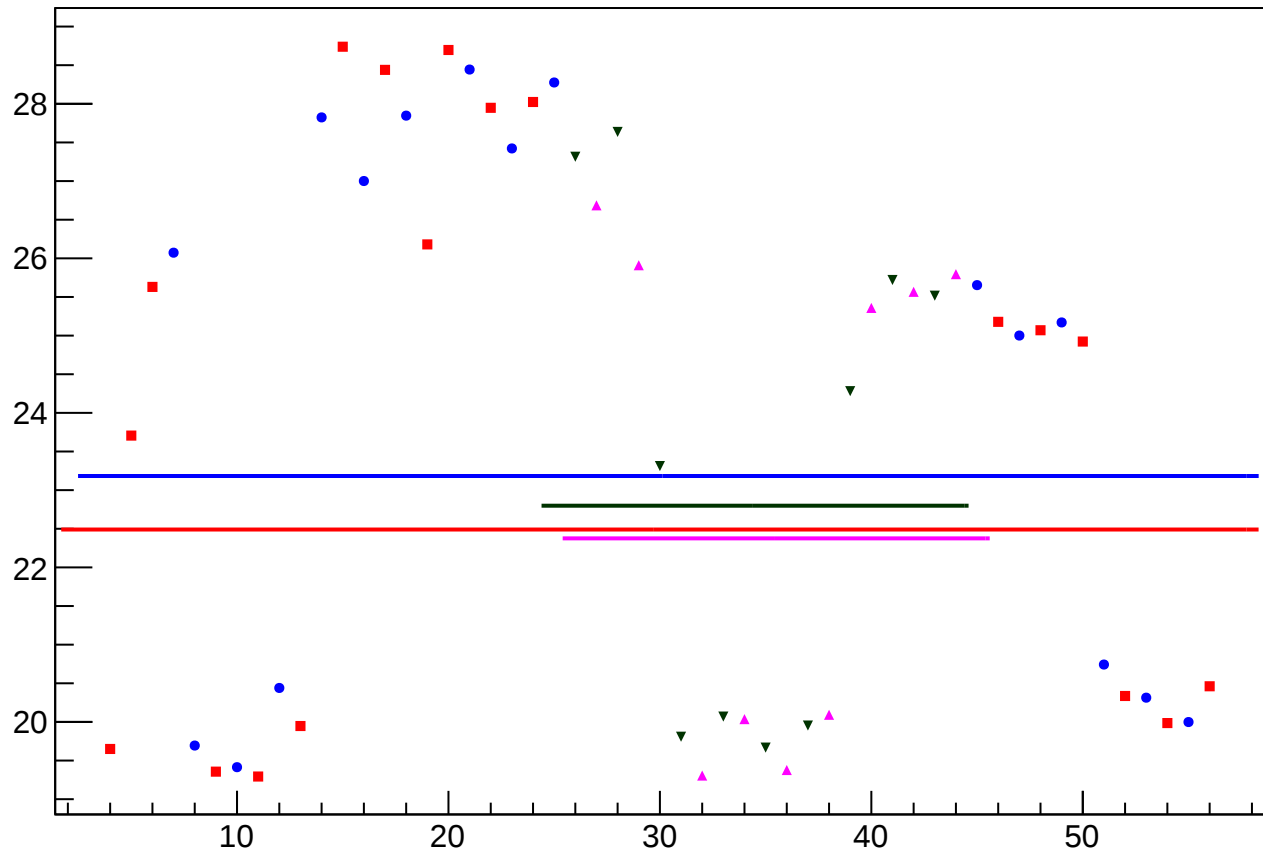
Right Out: 14.264 ± 7.389 $\chi^2/\text{NDF}: 9.8/17$

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

3.781 ± 5.945 $\chi^2/\text{NDF}: 21.5/25$

7.557 ± 5.837 $\chi^2/\text{NDF}: 21.3/26$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.183 $\pm$ 0.005 χ^2 /NDF: 448453.5/15

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

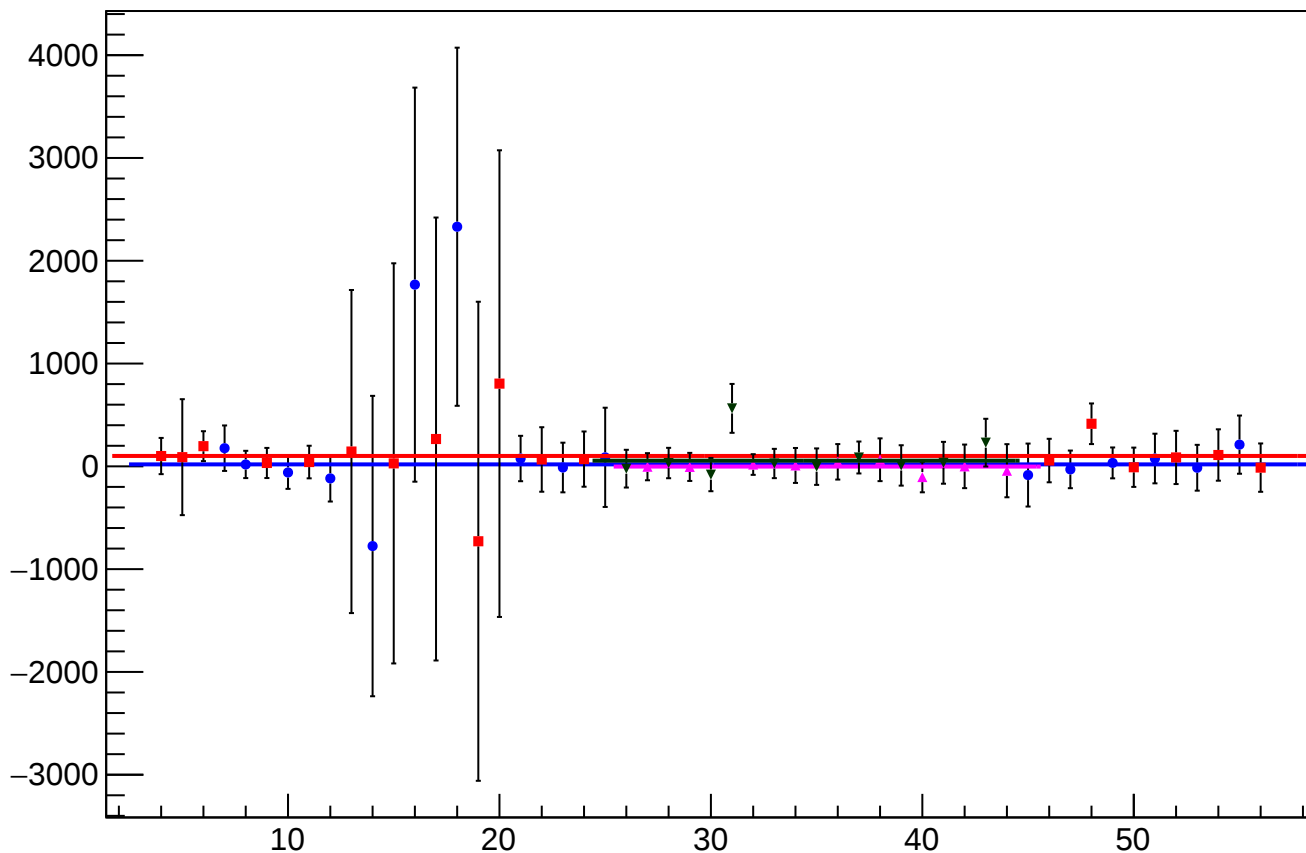
Right Out: 22.490 $\pm$ 0.005 χ^2 /NDF: 447371.5/17

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

23.045 $\pm$ 0.004 χ^2 /NDF: 637629.8/25

22.447 $\pm$ 0.004 χ^2 /NDF: 667586.0/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 19.096+/-56.438 χ^2/NDF : 4.8/15

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

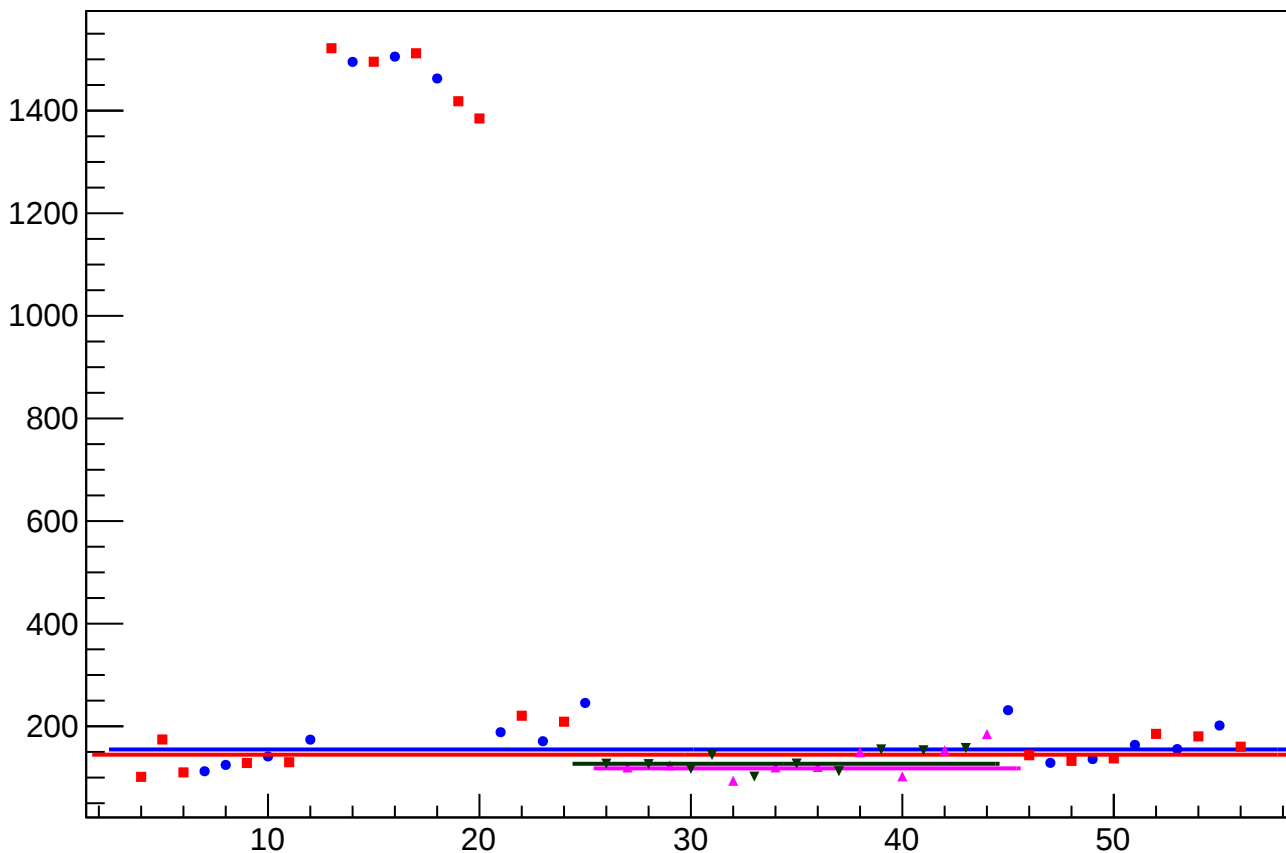
Right Out: 101.174+/-56.029 χ^2/NDF : 4.2/17

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

37.496+/-39.636 χ^2/NDF : 11.4/25

44.664+/-37.728 χ^2/NDF : 6.7/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 154.807+/-0.040 χ^2/NDF : 4388606.8/15

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

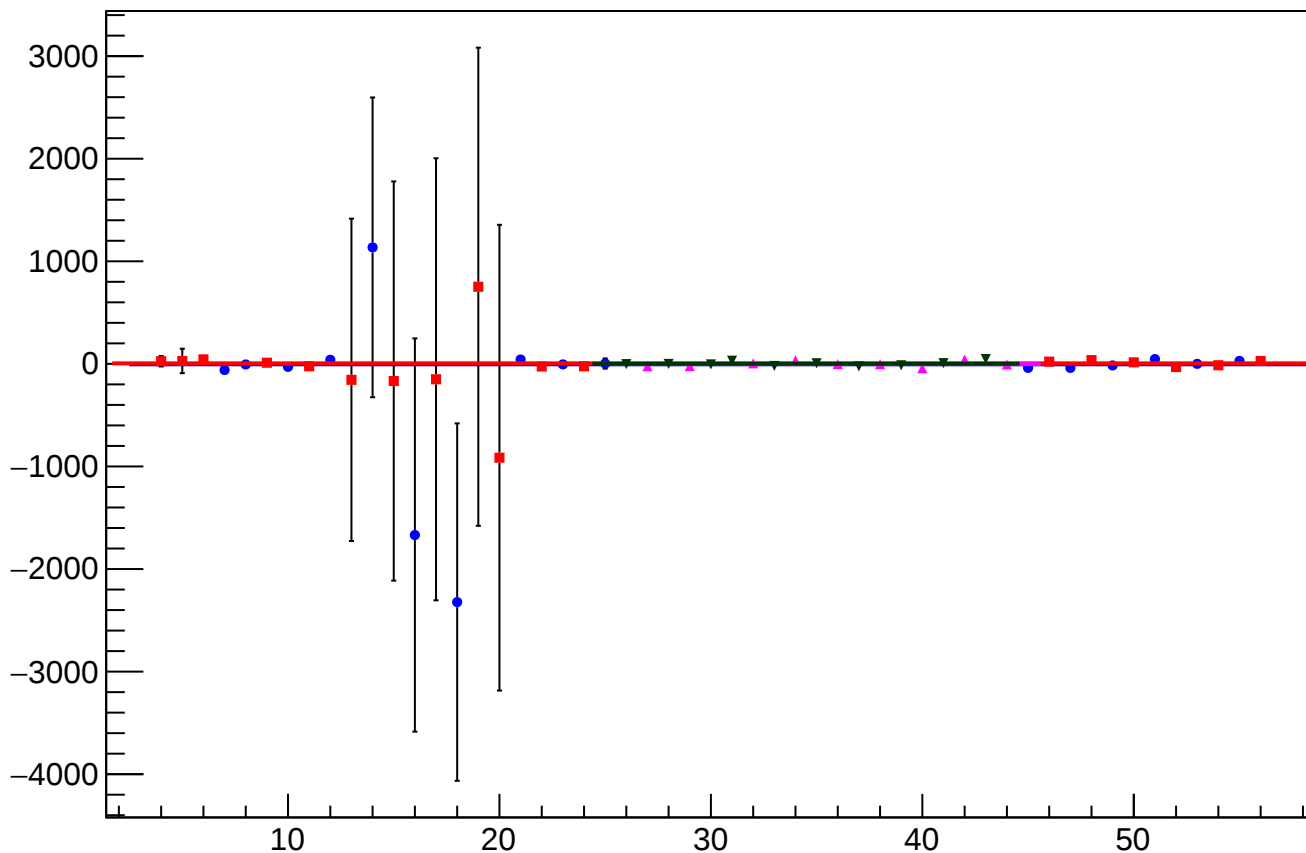
Right Out: 144.635+/-0.040 χ^2/NDF : 5119550.8/17

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

140.663+/-0.028 χ^2/NDF : 4842558.1/25

130.046+/-0.027 χ^2/NDF : 5744620.0/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -4.084 ± 8.207 χ^2/NDF : 16.9/15

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

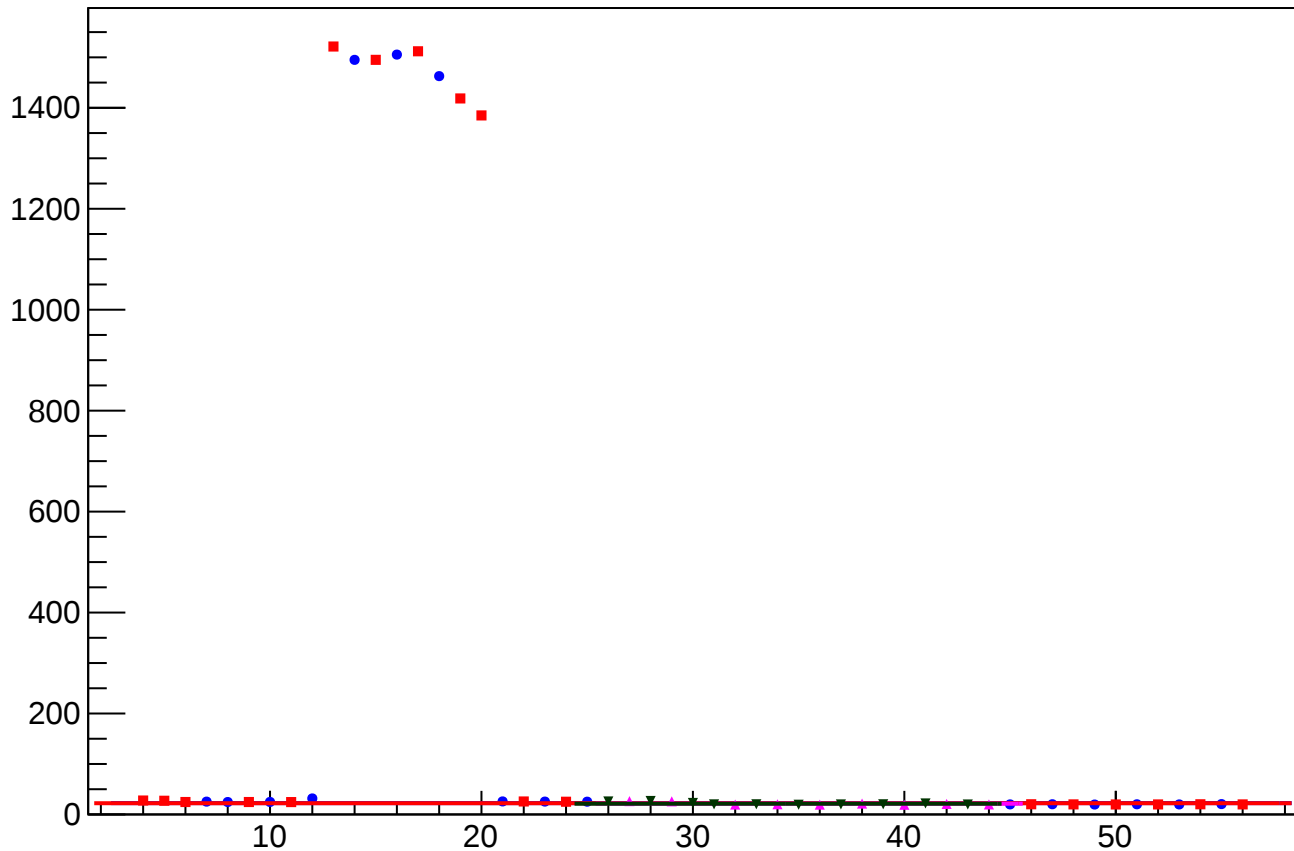
Right Out: 4.948 ± 8.686 χ^2/NDF : 8.9/17

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

-1.771 ± 6.141 χ^2/NDF : 22.4/25

1.801 ± 6.265 χ^2/NDF : 16.5/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 22.480+/-0.006 χ^2/NDF : 4881426.8/15

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

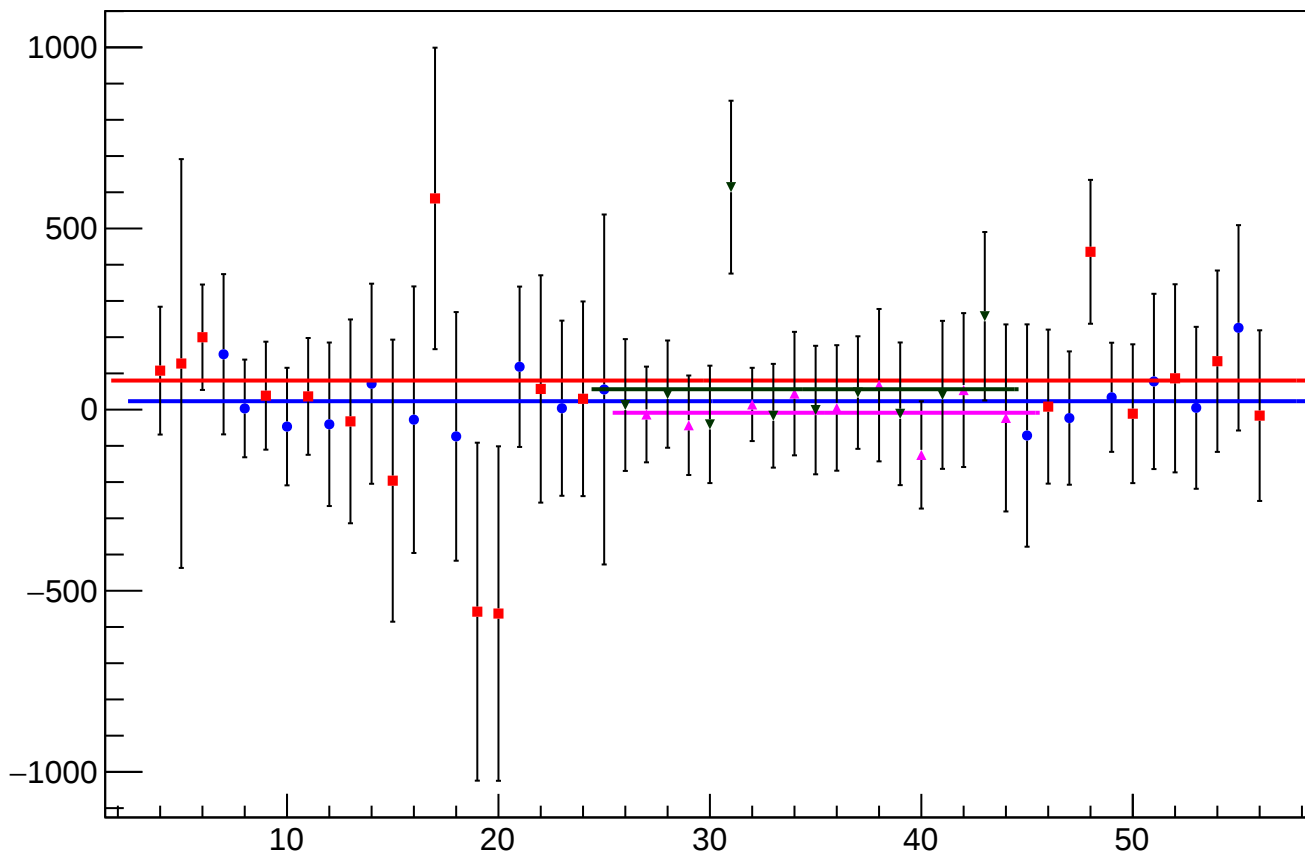
Right Out: 22.263+/-0.006 χ^2/NDF : 5538778.3/17

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

21.959+/-0.004 χ^2/NDF : 5028775.9/25

21.804+/-0.004 χ^2/NDF : 5710263.2/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 23.257+/-54.420 χ^2/NDF : 1.7/15

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

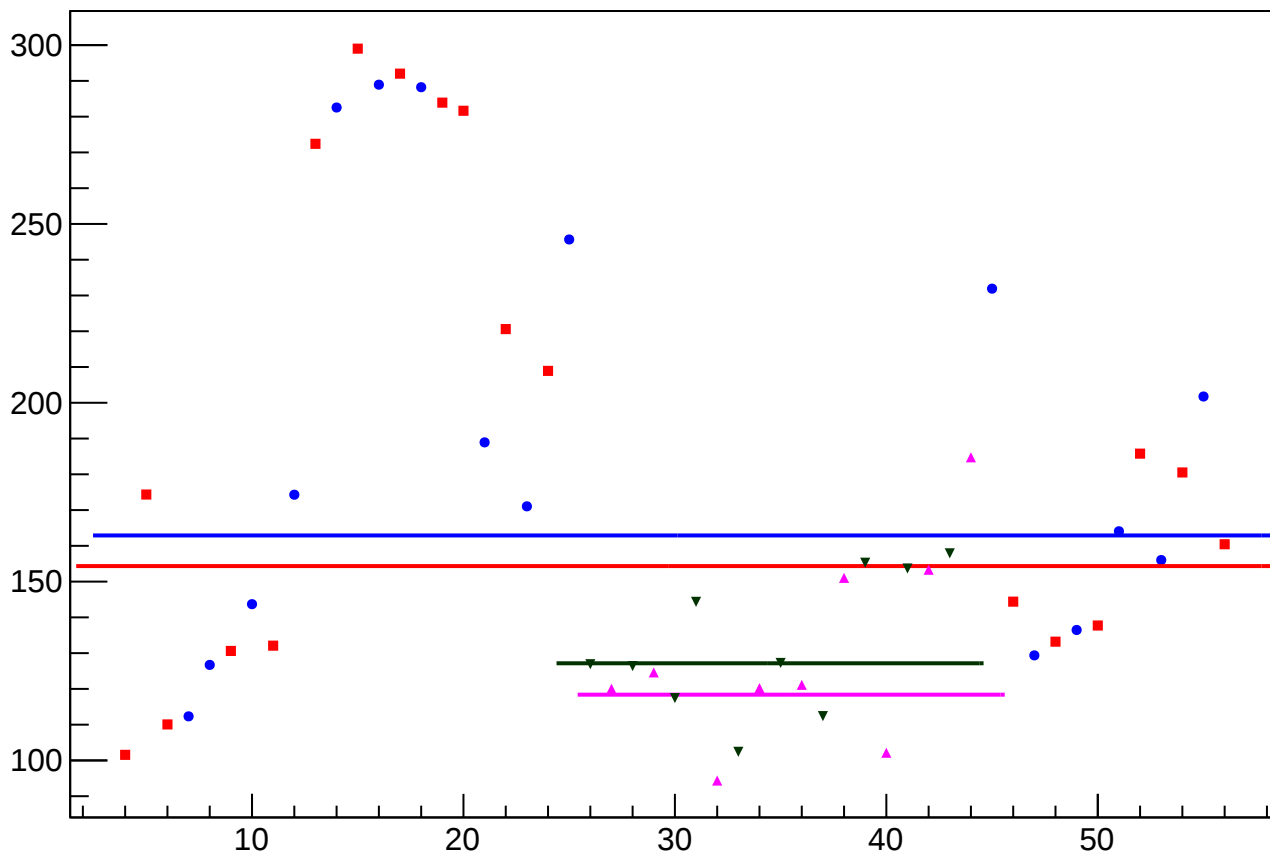
Right Out: 80.296+/-53.618 χ^2/NDF : 10.6/17

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

39.383+/-38.944 χ^2/NDF : 9.0/25

33.785+/-37.036 χ^2/NDF : 13.1/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.907 ± 0.038 χ^2/NDF : 1515866.4/15

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

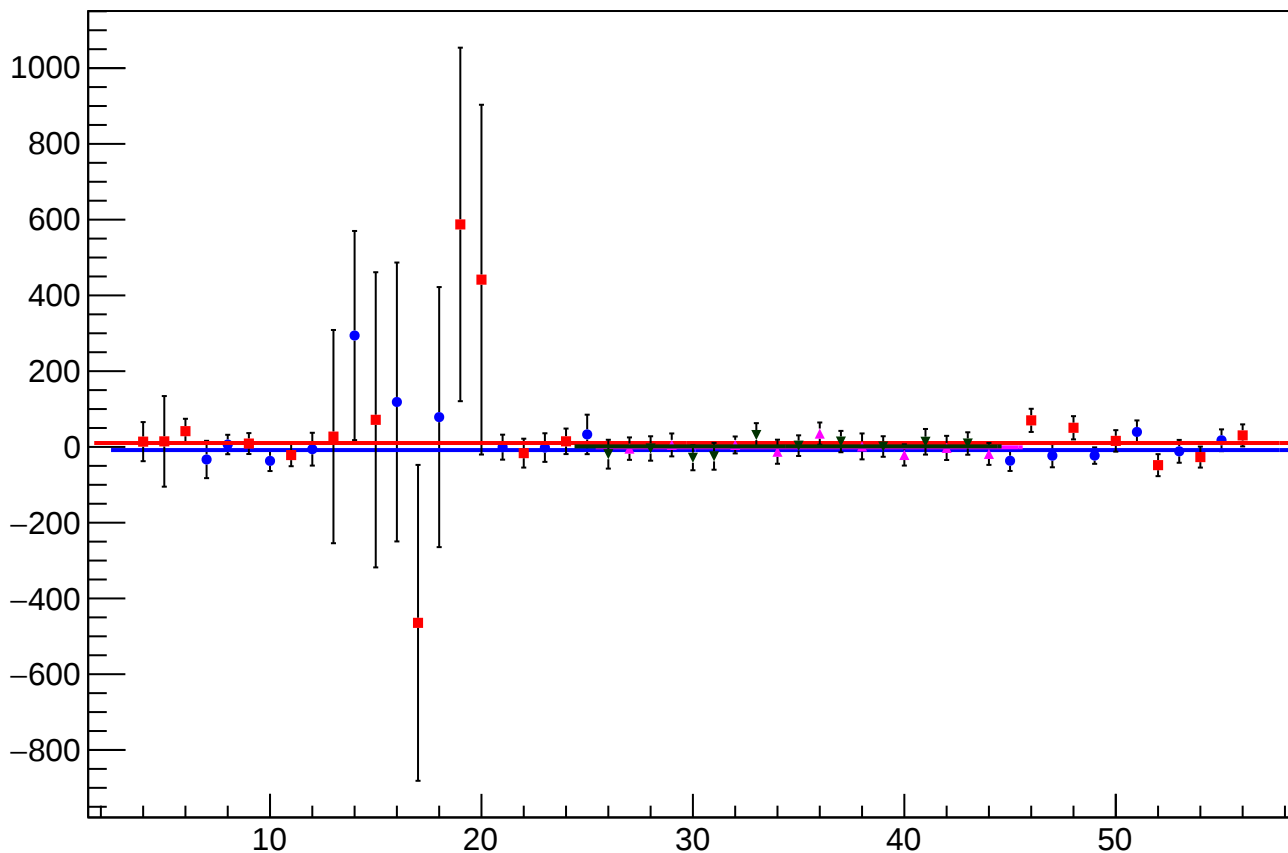
145.468 ± 0.028 χ^2/NDF : 2141660.0/25

Right Out: 154.342 ± 0.038 χ^2/NDF : 1875540.5/17

135.542 ± 0.026 χ^2/NDF : 2722205.7/26

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: -8.287 ± 8.505 χ^2/NDF : 8.9/15

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

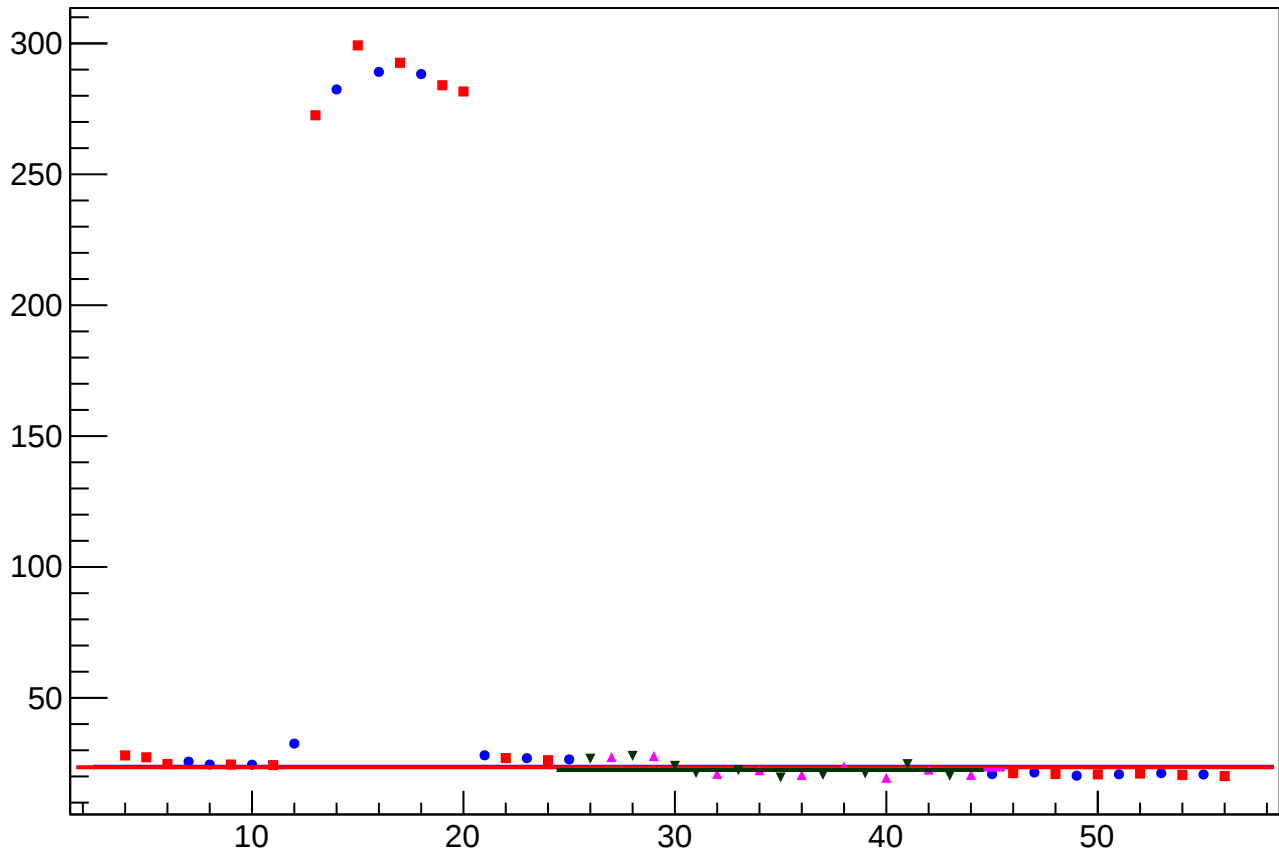
Right Out: 10.347 ± 8.946 χ^2/NDF : 18.2/17

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

-4.127 ± 6.430 χ^2/NDF : 12.5/25

5.099 ± 6.566 χ^2/NDF : 21.7/26

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.698 $\pm$ 0.006 χ^2 /NDF: 4264418.3/15

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

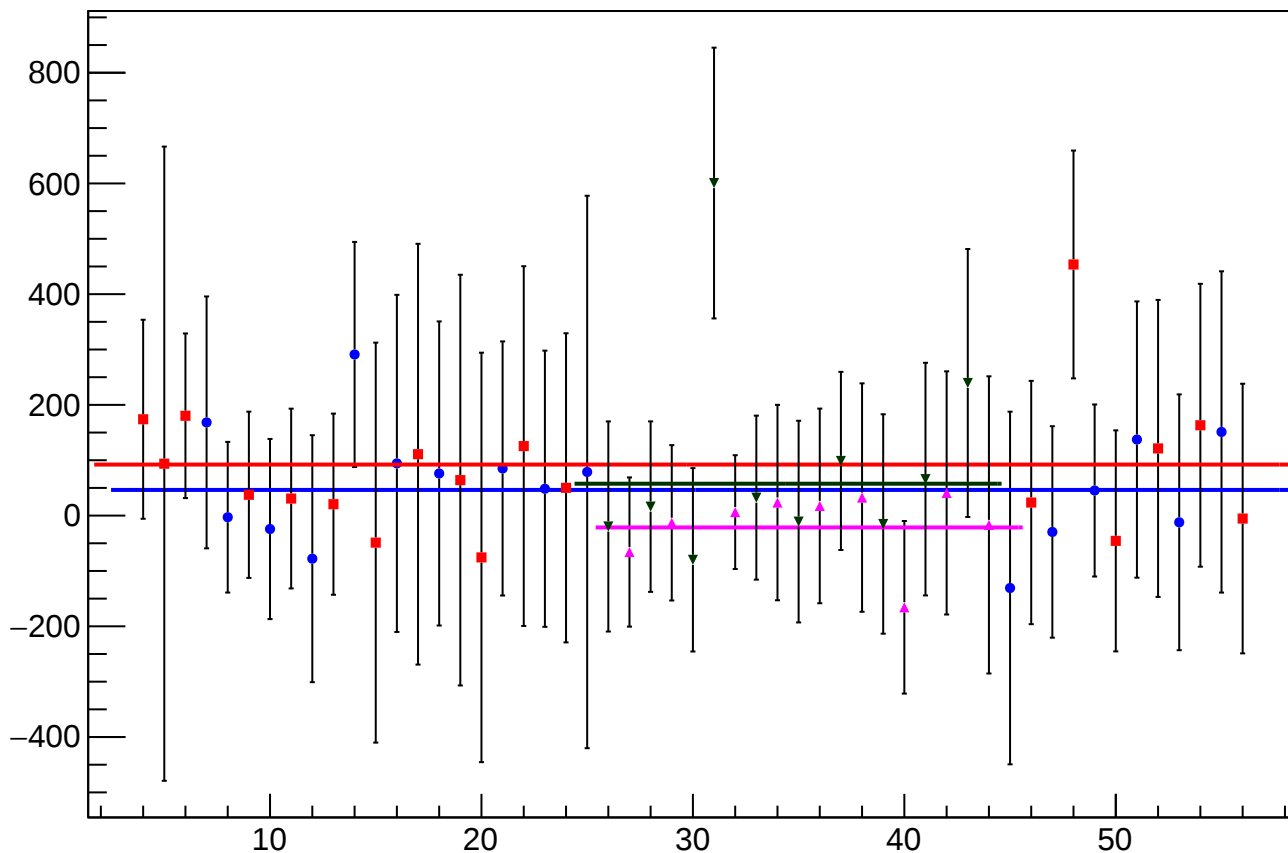
Right Out: 23.503 $\pm$ 0.006 χ^2 /NDF: 4810502.6/17

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

23.172 $\pm$ 0.005 χ^2 /NDF: 4425226.7/25

23.086 $\pm$ 0.005 χ^2 /NDF: 4988034.1/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 46.371+/-53.929 χ^2/NDF : 3.2/15

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

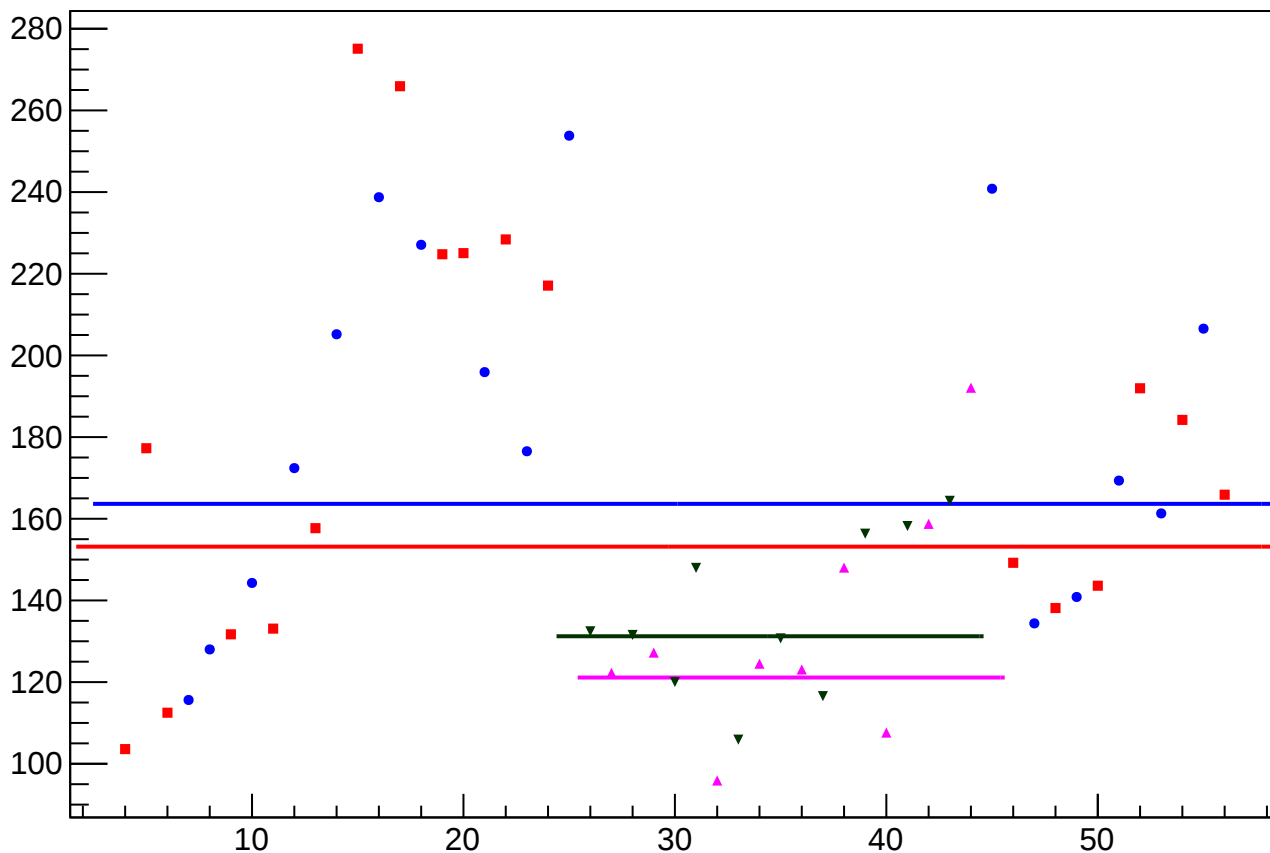
Right Out: 92.187+/-52.283 χ^2/NDF : 5.3/17

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

51.625+/-39.330 χ^2/NDF : 10.0/25

35.504+/-37.009 χ^2/NDF : 9.0/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 163.651 $\pm$ 0.038 χ^2 /NDF: 932102.3/15

Left Out: 131.227 $\pm$ 0.041 χ^2 /NDF:196358.6/9

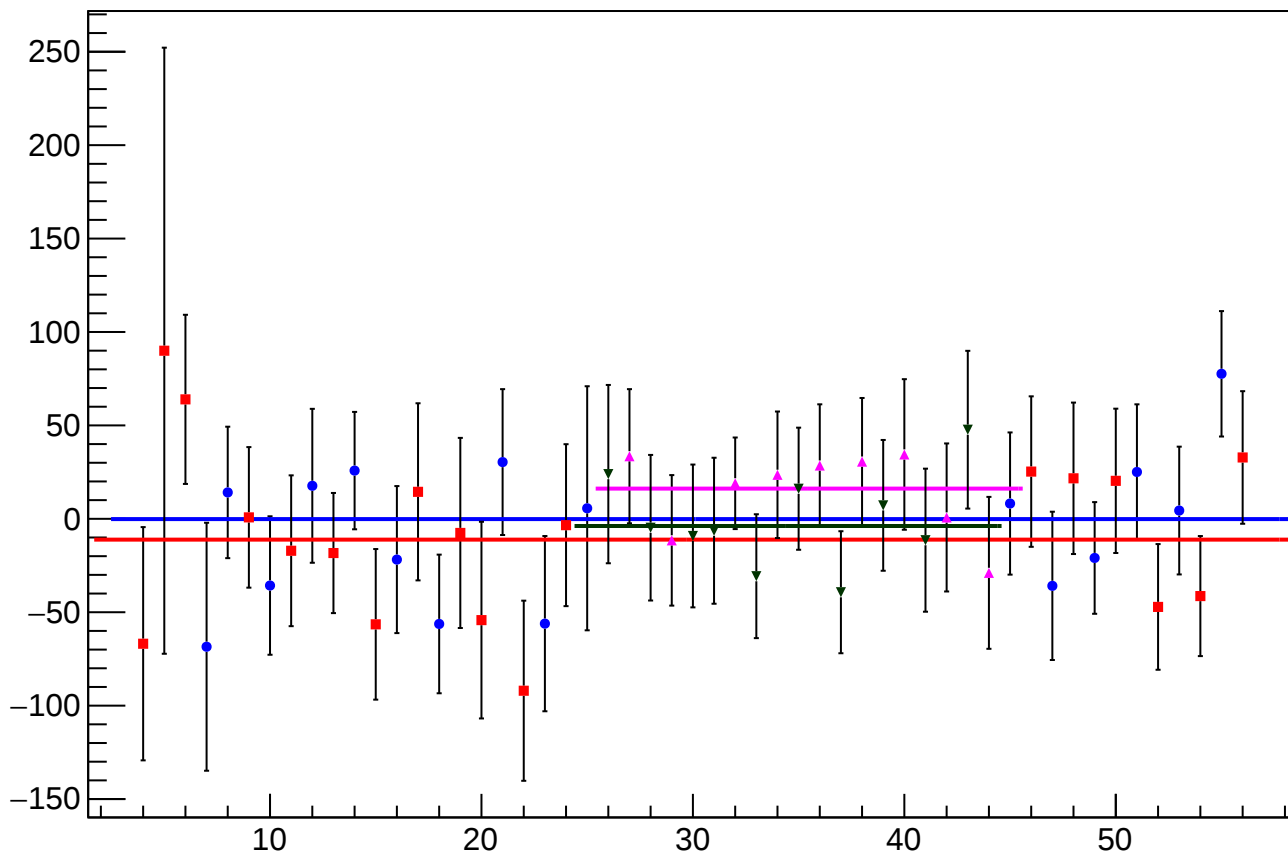
148.473 $\pm$ 0.028 χ^2 /NDF: 1466914.2/25

Right Out: 153.173 $\pm$ 0.037 χ^2 /NDF: 1236983.6/17

137.181 $\pm$ 0.026 χ^2 /NDF: 1984906.1/26

Left In: 121.121 $\pm$ 0.037 χ^2 /NDF:372893.0/8

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -0.145 ± 9.520 χ^2/NDF : 14.9/15

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

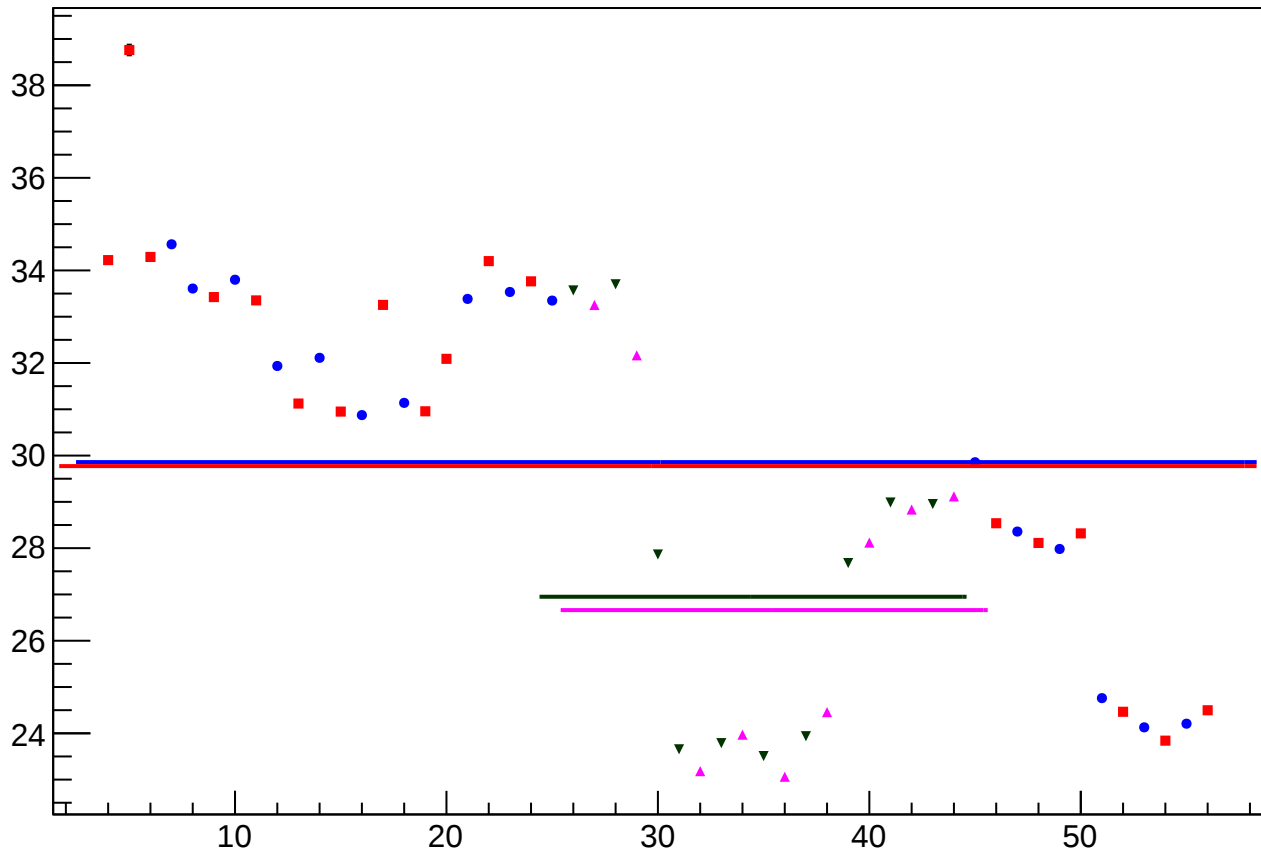
Right Out: -11.140 ± 9.814 χ^2/NDF : 14.9/17

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

-1.615 ± 7.389 χ^2/NDF : 19.1/25

0.561 ± 7.419 χ^2/NDF : 21.0/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 29.859 $\pm$ 0.007 χ^2 /NDF: 272028.9/15

Left Out: 26.950 $\pm$ 0.008 χ^2 /NDF:182300.2/9

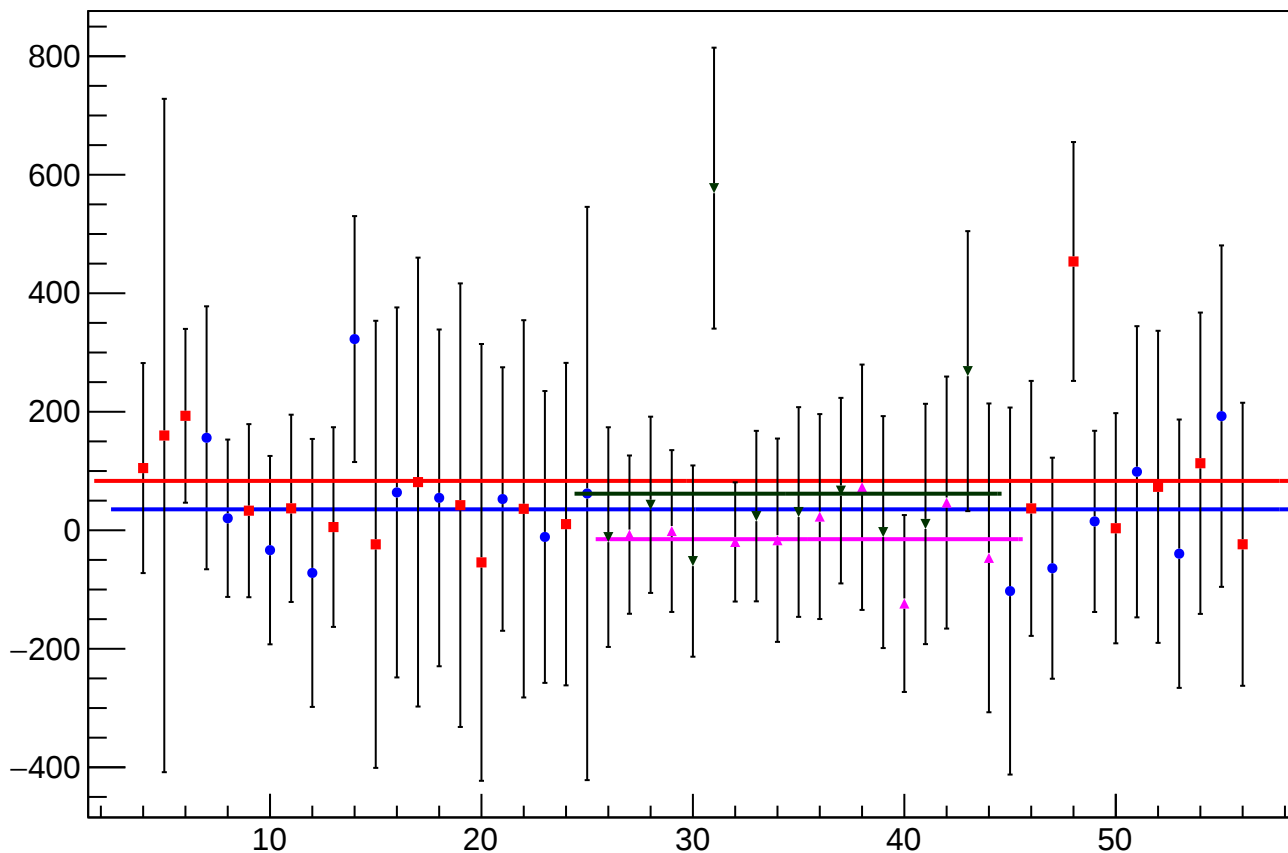
Right Out: 29.773 $\pm$ 0.007 χ^2 /NDF: 295873.6/17

Left In: 26.662 $\pm$ 0.008 χ^2 /NDF:218434.4/8

28.703 $\pm$ 0.005 χ^2 /NDF: 528556.6/25

28.440 $\pm$ 0.005 χ^2 /NDF: 600408.4/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 35.342+/-53.220 χ^2/NDF : 3.7/15

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

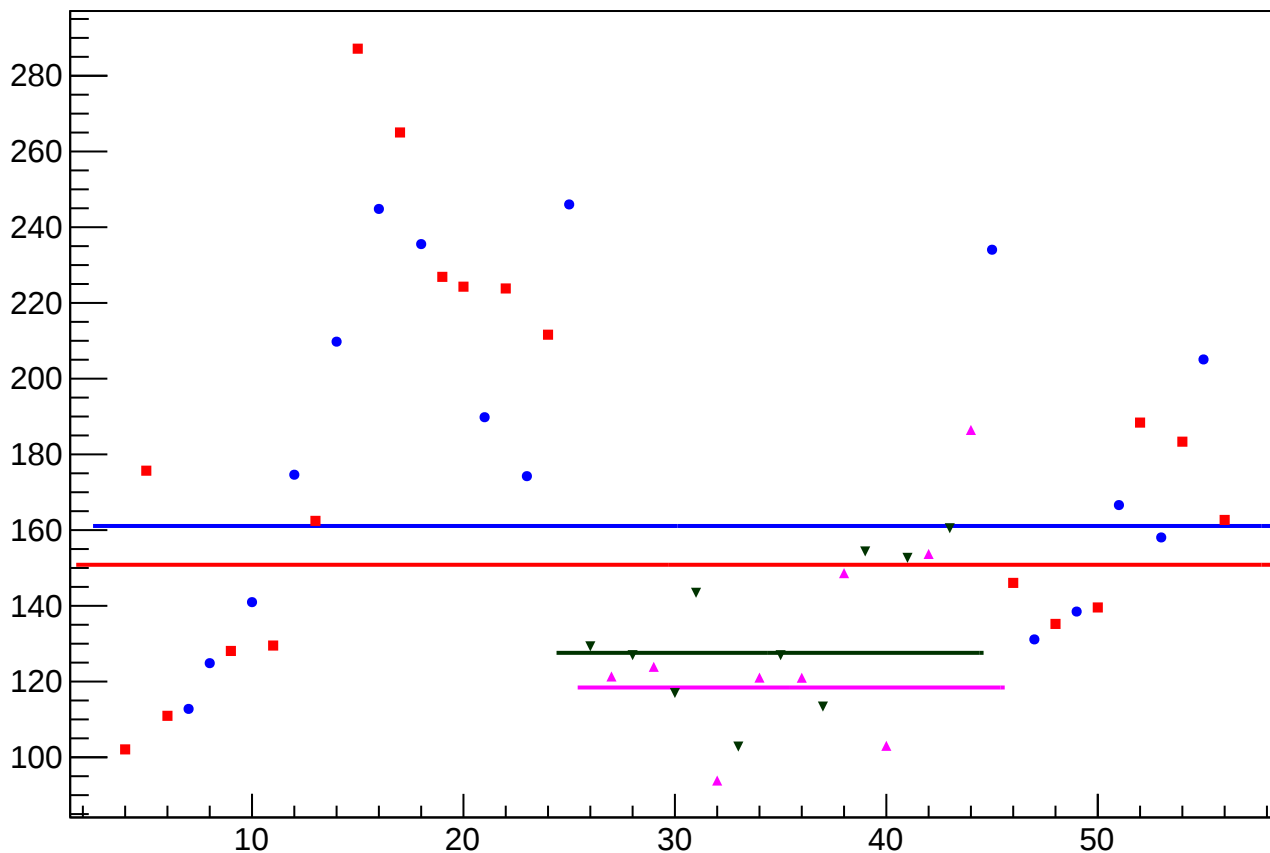
Right Out: 83.323+/-51.600 χ^2/NDF : 5.1/17

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

47.887+/-38.549 χ^2/NDF : 10.2/25

33.802+/-36.357 χ^2/NDF : 7.8/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 161.092 $\pm$ 0.038 χ^2 /NDF: 1029170.0/15

Left Out: 127.584 $\pm$ 0.040 χ^2 /NDF:200343.9/9

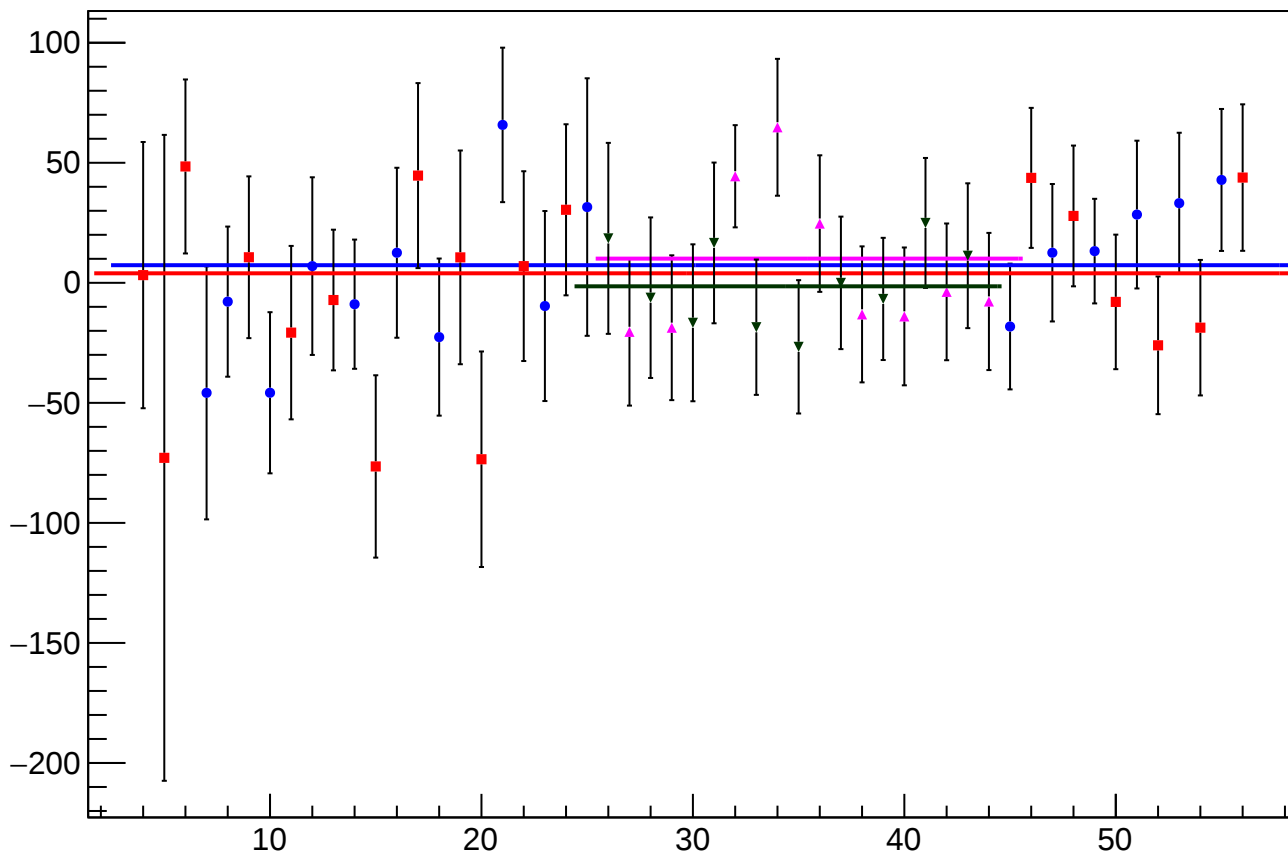
145.164 $\pm$ 0.027 χ^2 /NDF: 1606364.4/25

Right Out: 150.844 $\pm$ 0.036 χ^2 /NDF: 1305360.0/17

134.521 $\pm$ 0.026 χ^2 /NDF: 2082359.0/26

Left In: 118.429 $\pm$ 0.036 χ^2 /NDF:379567.1/8

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 7.341 $\pm$ 7.853 χ^2 /NDF: 12.4/15

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

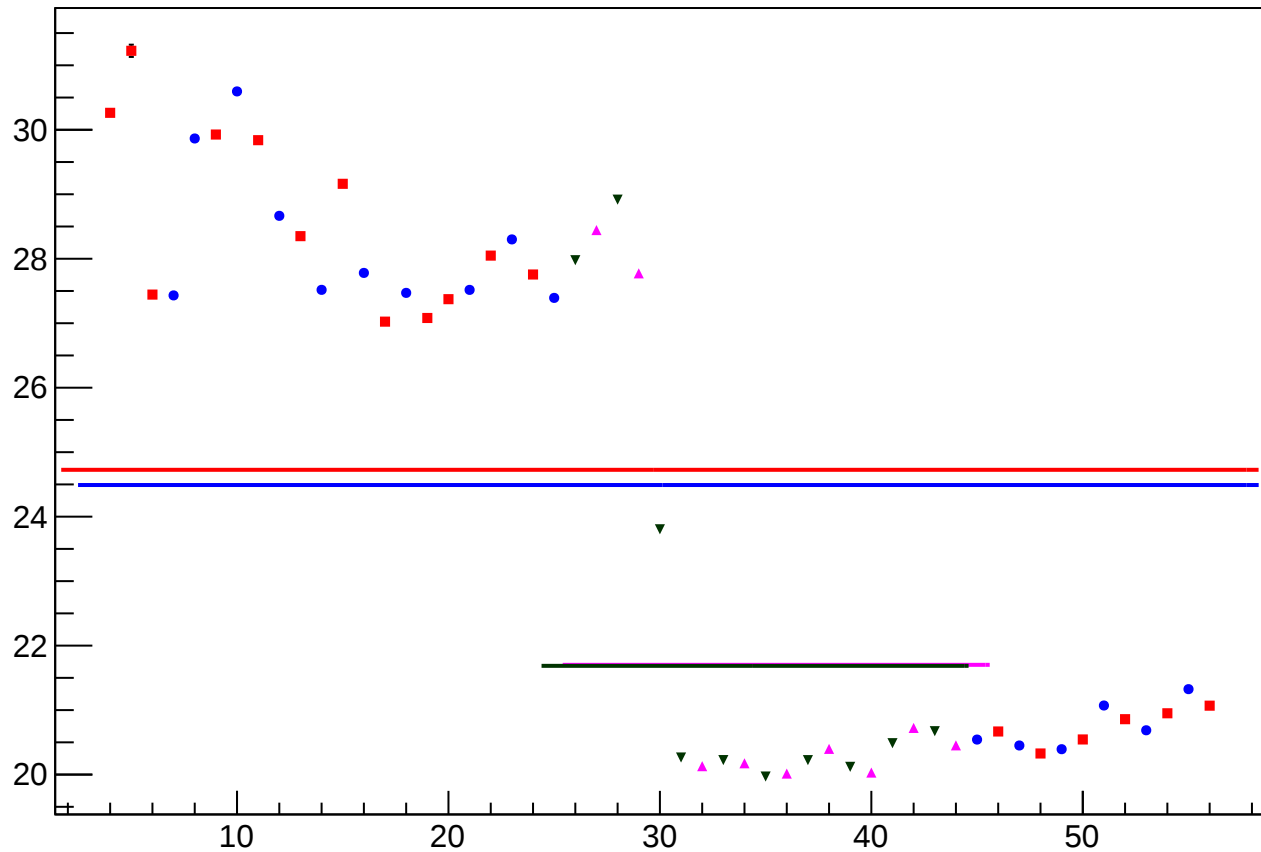
Right Out: 3.960 $\pm$ 8.190 χ^2 /NDF: 17.8/17

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

3.741 $\pm$ 6.036 χ^2 /NDF: 16.1/25

6.657 $\pm$ 6.125 χ^2 /NDF: 28.5/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 24.491+/-0.006 χ^2/NDF : 495482.4/15

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

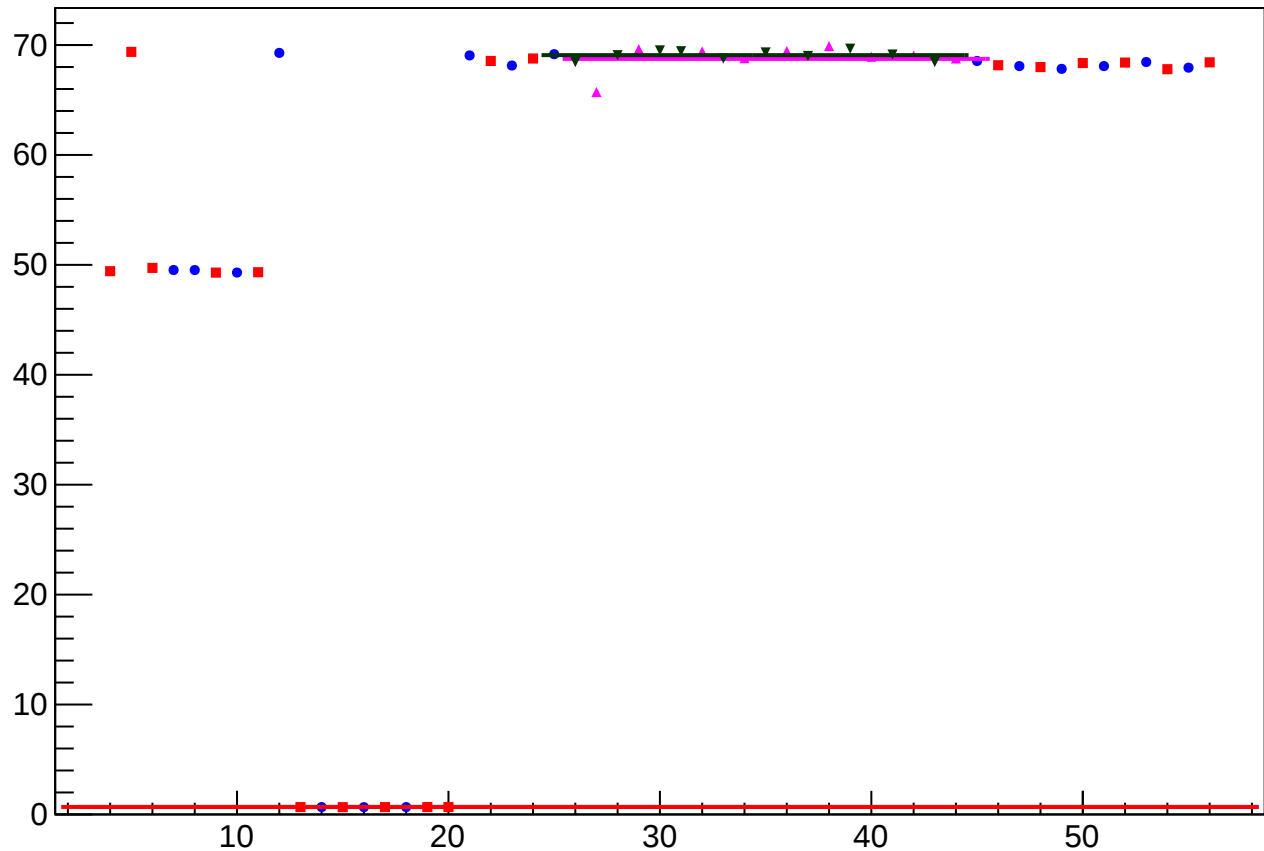
23.343+/-0.004 χ^2/NDF : 787812.8/25

Right Out: 24.727+/-0.006 χ^2/NDF : 458928.3/17

23.393+/-0.004 χ^2/NDF : 797444.3/26

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

yield_bcm_an_ds_mean vs slug



Right In: 0.685+/-0.000 χ^2/NDF : 884548083694.9/15

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

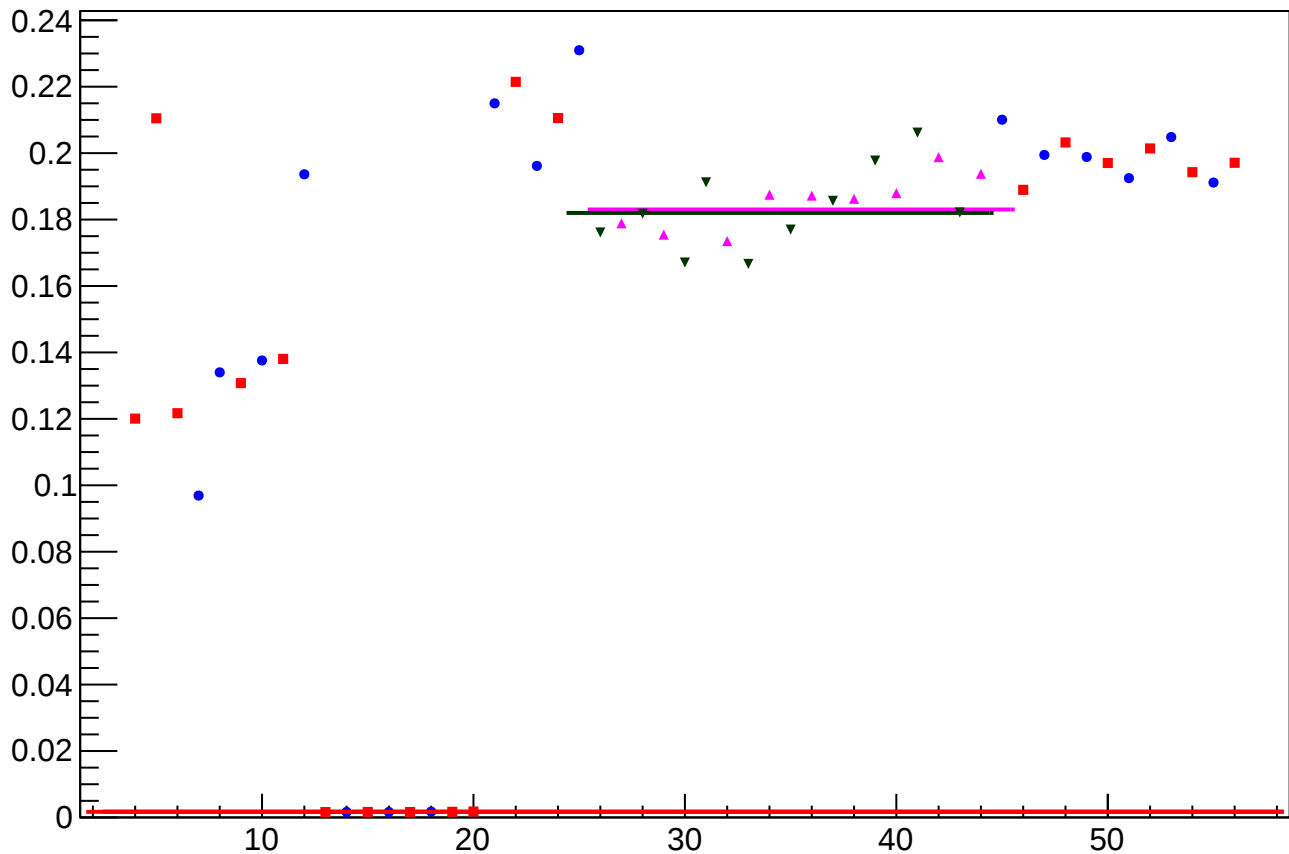
0.698+/-0.000 χ^2/NDF : 1613389545687.8/25

Right Out: 0.683+/-0.000 χ^2/NDF : 787753991130.5/17

0.694+/-0.000 χ^2/NDF : 1537851018219.5/26

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

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 14349999.5/15

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

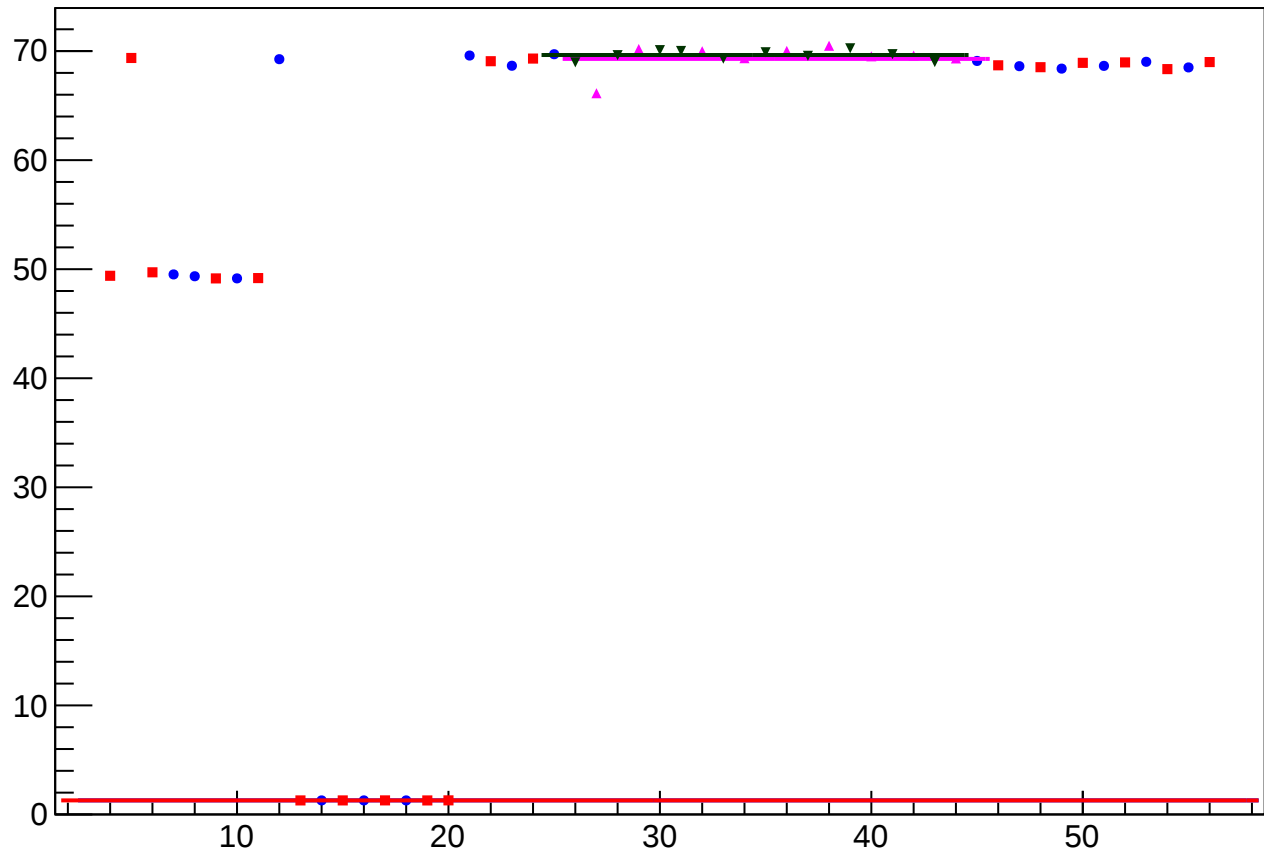
Right Out: 0.002+/-0.000 χ^2/NDF : 12496723.9/17

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

0.002+/-0.000 χ^2/NDF : 24518152.5/25

0.002+/-0.000 χ^2/NDF : 23162376.6/26

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 865131615578.6/15

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

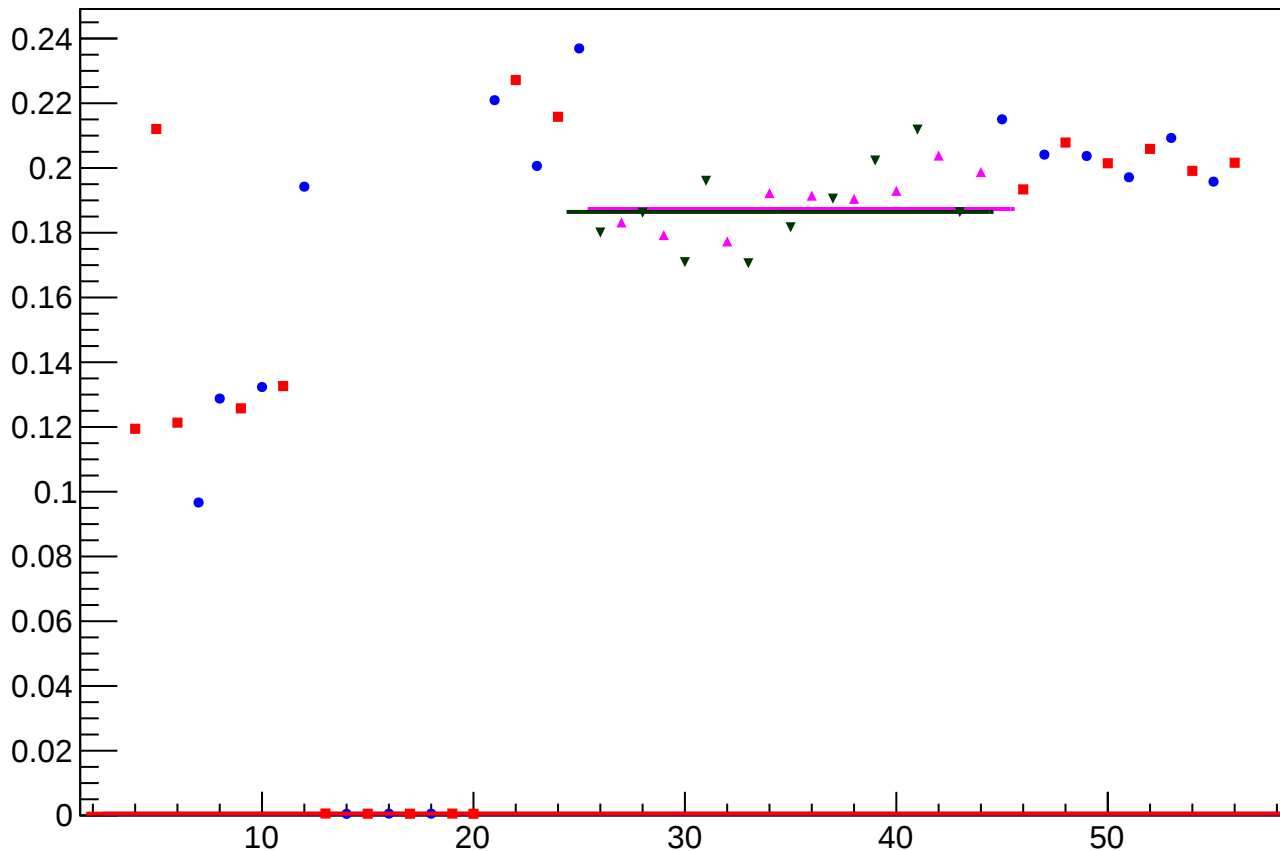
1.292+/-0.000 χ^2/NDF : 1558691772432.0/25

Right Out: 1.290+/-0.000 χ^2/NDF : 771832921040.9/17

1.291+/-0.000 χ^2/NDF : 1486349279694.3/26

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 : 14562877.7/15

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

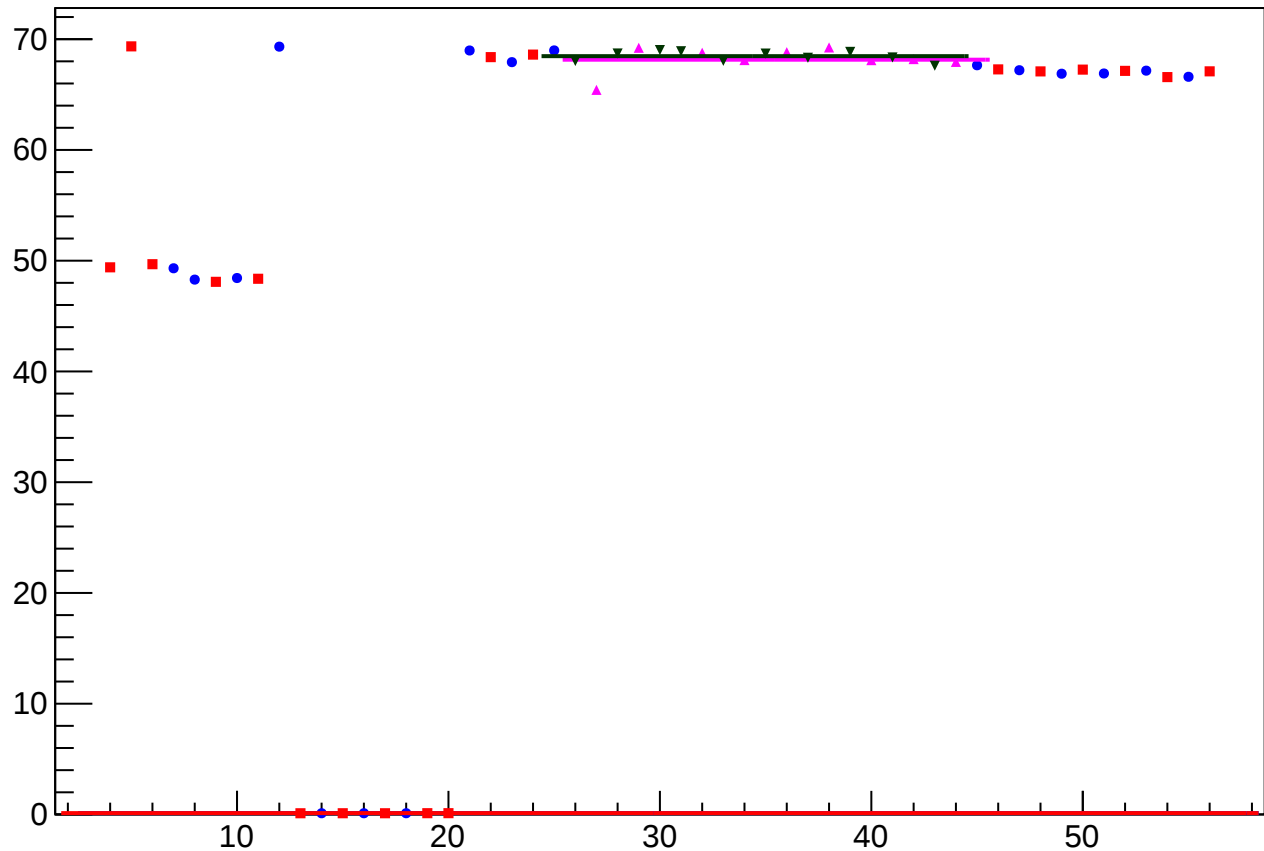
Right Out: 0.001+/-0.000 χ^2/NDF : 12670438.1/17

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

0.001+/-0.000 χ^2/NDF : 24868511.5/25

0.001+/-0.000 χ^2/NDF : 23470894.5/26

yield_bcm_an_us_mean vs slug



Right In: 0.124+/-0.000 χ^2/NDF : 915363998912.8/15

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

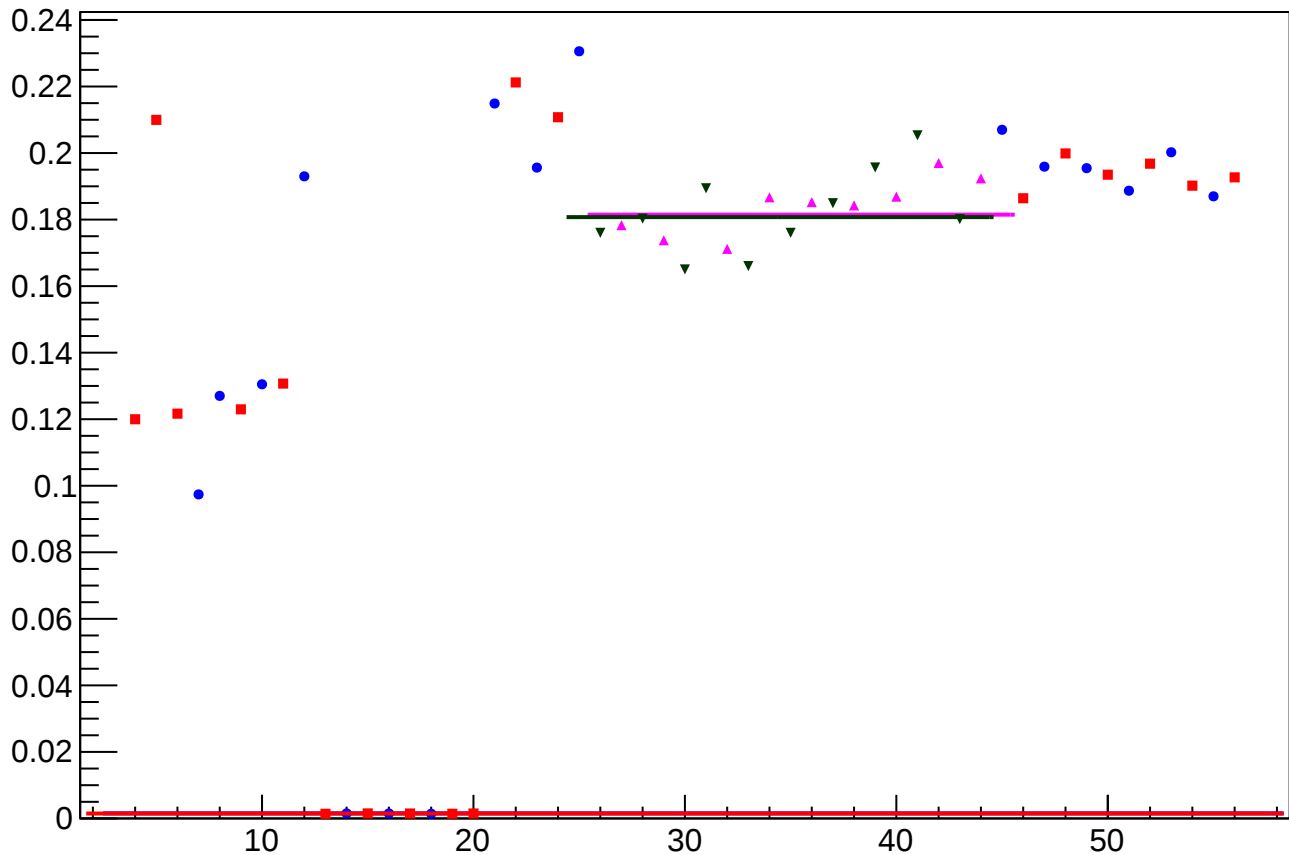
Right Out: 0.121+/-0.000 χ^2/NDF : 817655200665.4/17

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

0.134+/-0.000 χ^2/NDF : 1651971204196.3/25

0.130+/-0.000 χ^2/NDF : 1579551177406.8/26

yield_bcm_an_us_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 14369899.6/15

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

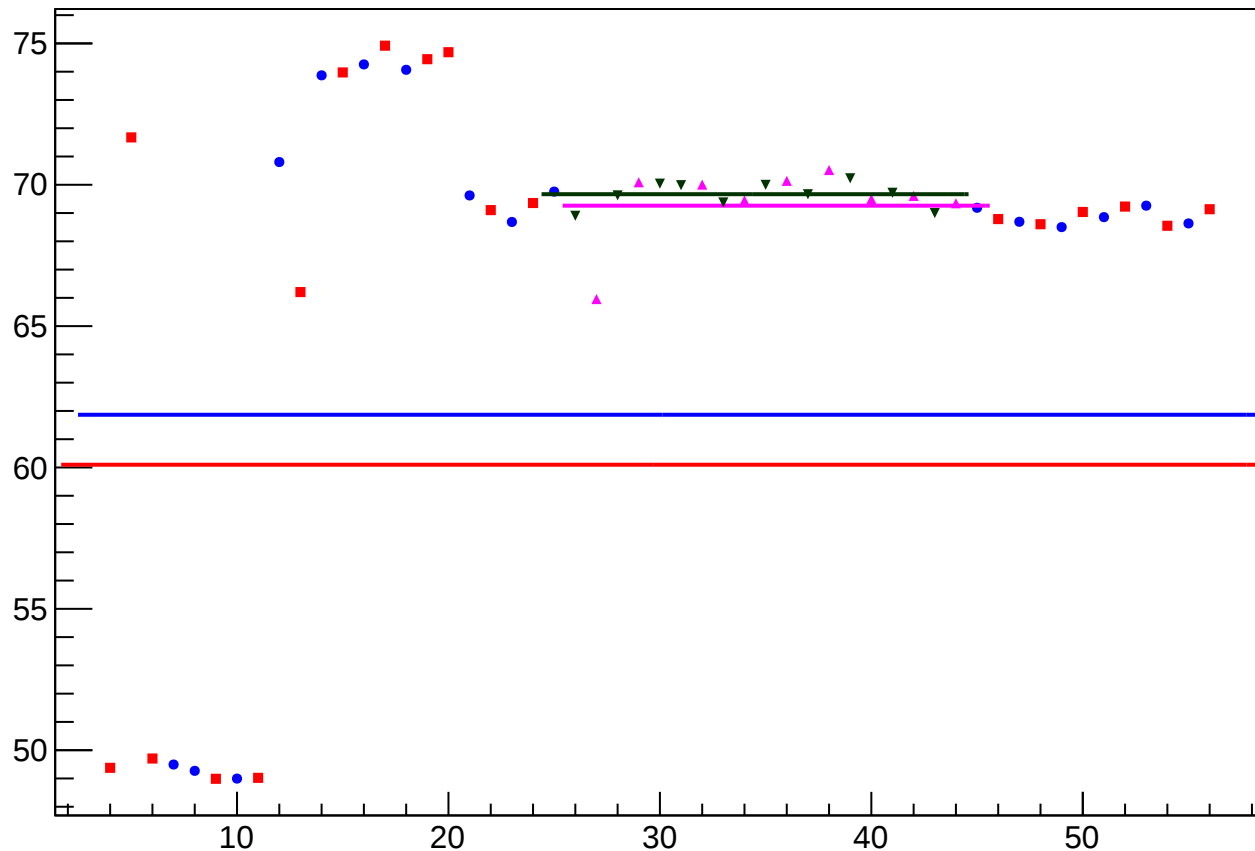
0.002 $\pm$ 0.000 χ^2 /NDF: 24543391.3/25

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 12519599.7/17

0.002 $\pm$ 0.000 χ^2 /NDF: 23206270.3/26

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

yield_bcm_dg_us_mean vs slug



Right In: 61.865+/-0.000 χ^2/NDF : 32153195813.4/15

Left Out: 69.667+/-0.000 χ^2/NDF : 24128815.3/9

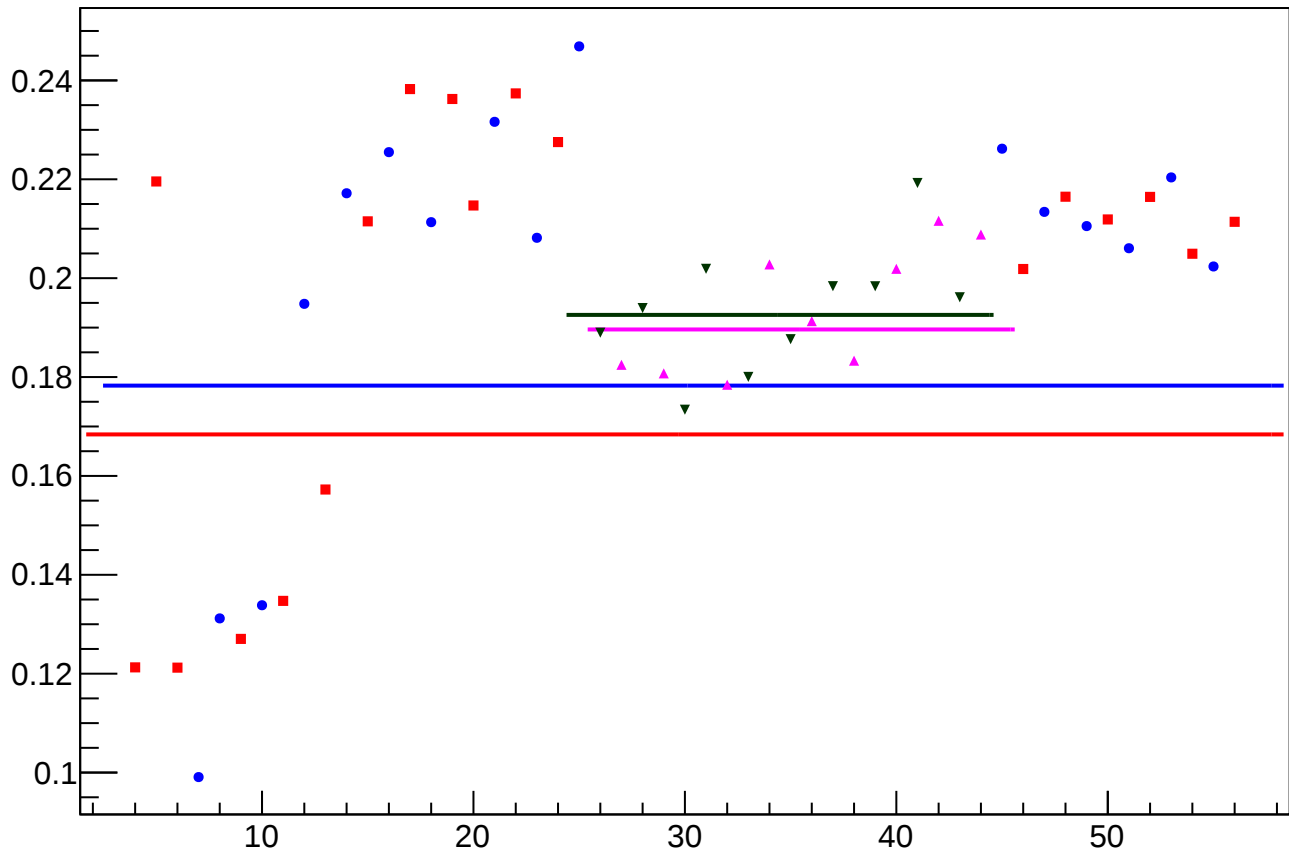
Right Out: 60.097+/-0.000 χ^2/NDF : 32076992509.0/17

Left In: 69.261+/-0.000 χ^2/NDF : 334097466.4/8

64.433+/-0.000 χ^2/NDF : 37865134734.5/25

63.188+/-0.000 χ^2/NDF : 40769075991.4/26

yield_bcm_dg_us_rms vs slug



Right In: 0.178+/-0.000 χ^2/NDF : 1166970.9/15

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

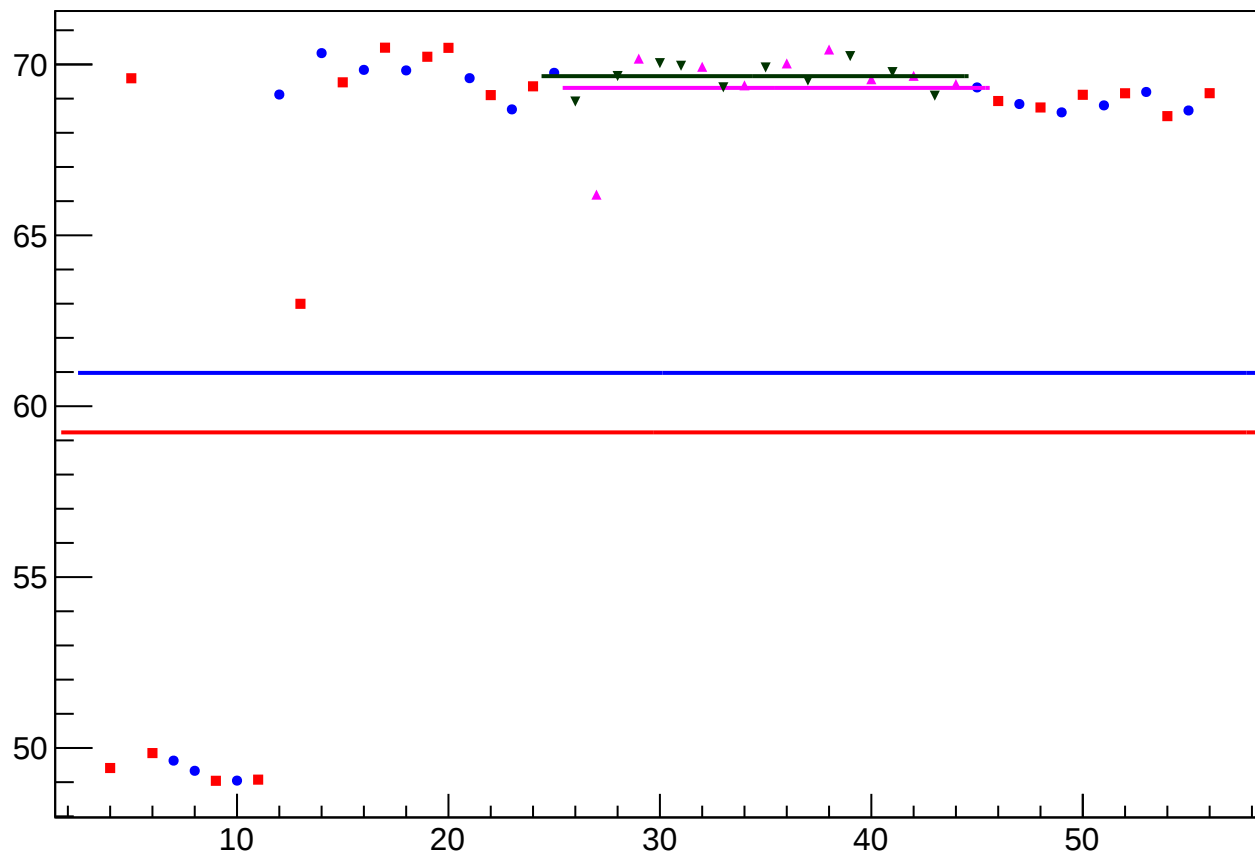
Right Out: 0.168+/-0.000 χ^2/NDF : 1137953.1/17

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

0.183+/-0.000 χ^2/NDF : 1243928.3/25

0.176+/-0.000 χ^2/NDF : 1269054.8/26

yield_bcm_dg_ds_mean vs slug



Right In: 60.975+/-0.000 χ^2/NDF : 28978043052.0/15

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

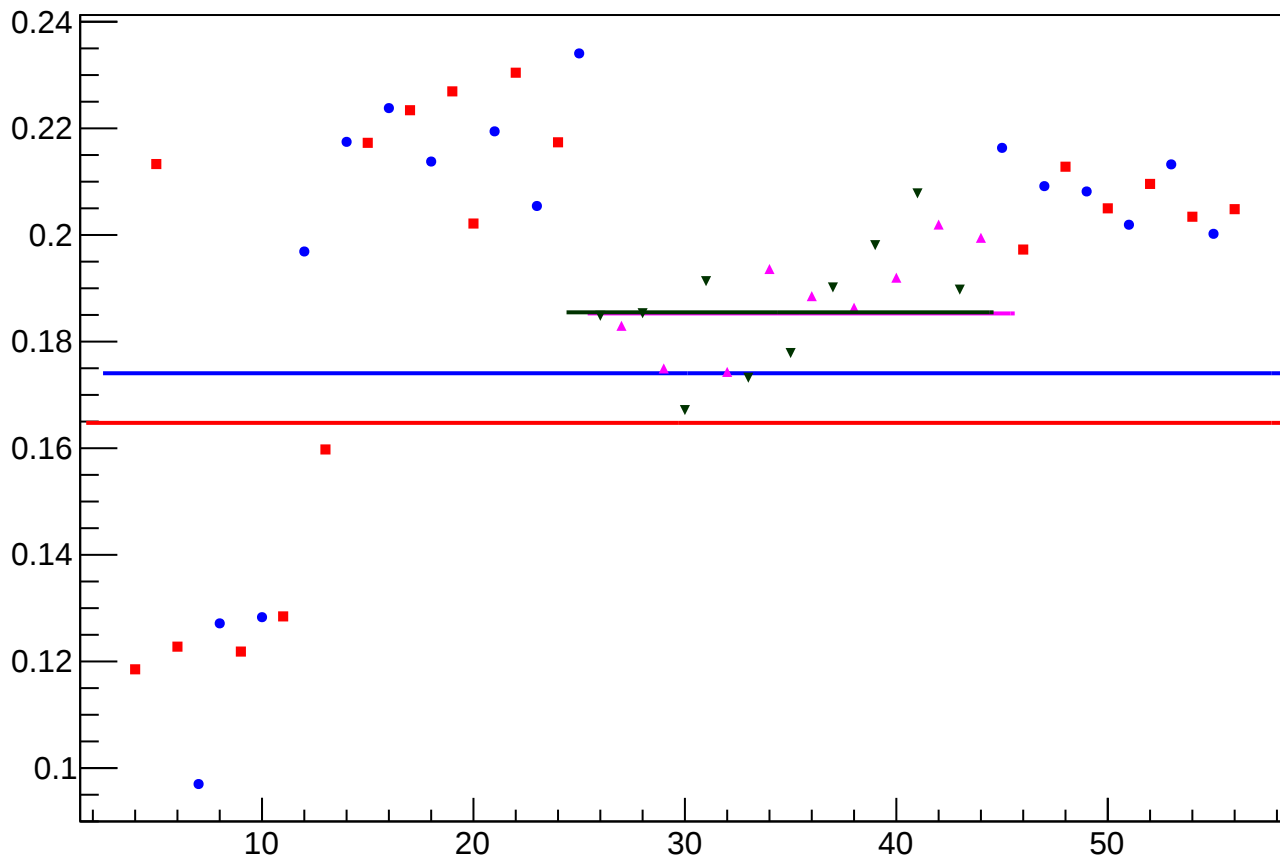
Right Out: 59.234+/-0.000 χ^2/NDF : 28397963147.3/17

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

63.890+/-0.000 χ^2/NDF : 36524090653.2/25

62.645+/-0.000 χ^2/NDF : 39298904822.9/26

yield_bcm_dg_ds_rms vs slug



Right In: 0.174+/-0.000 χ^2/NDF : 1227093.8/15

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

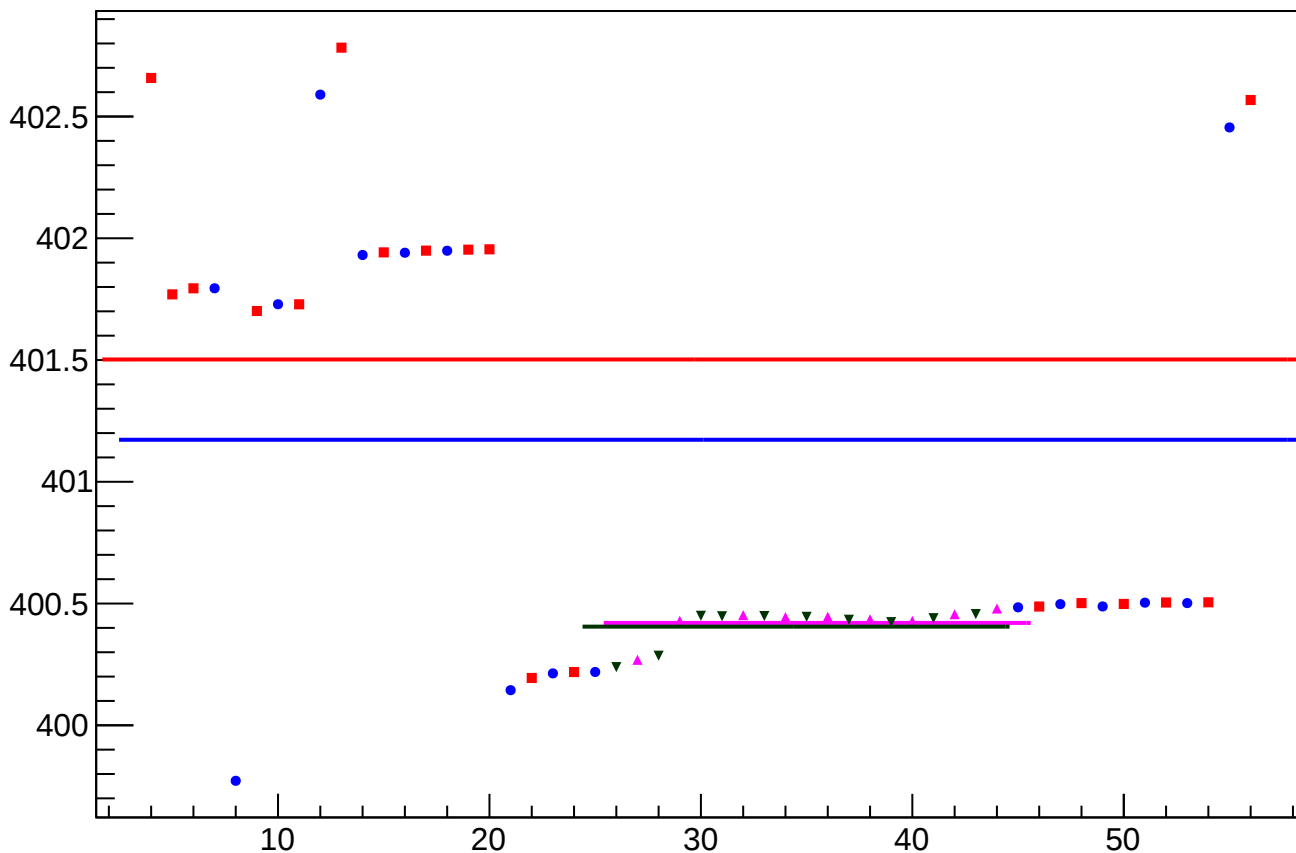
Right Out: 0.165+/-0.000 χ^2/NDF : 1114795.6/17

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

0.178+/-0.000 χ^2/NDF : 1291826.6/25

0.172+/-0.000 χ^2/NDF : 1230692.3/26

yield_cav4bQ_mean vs slug



Right In: 401.173+/-0.000 χ^2/NDF : 179932608858.5/15

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

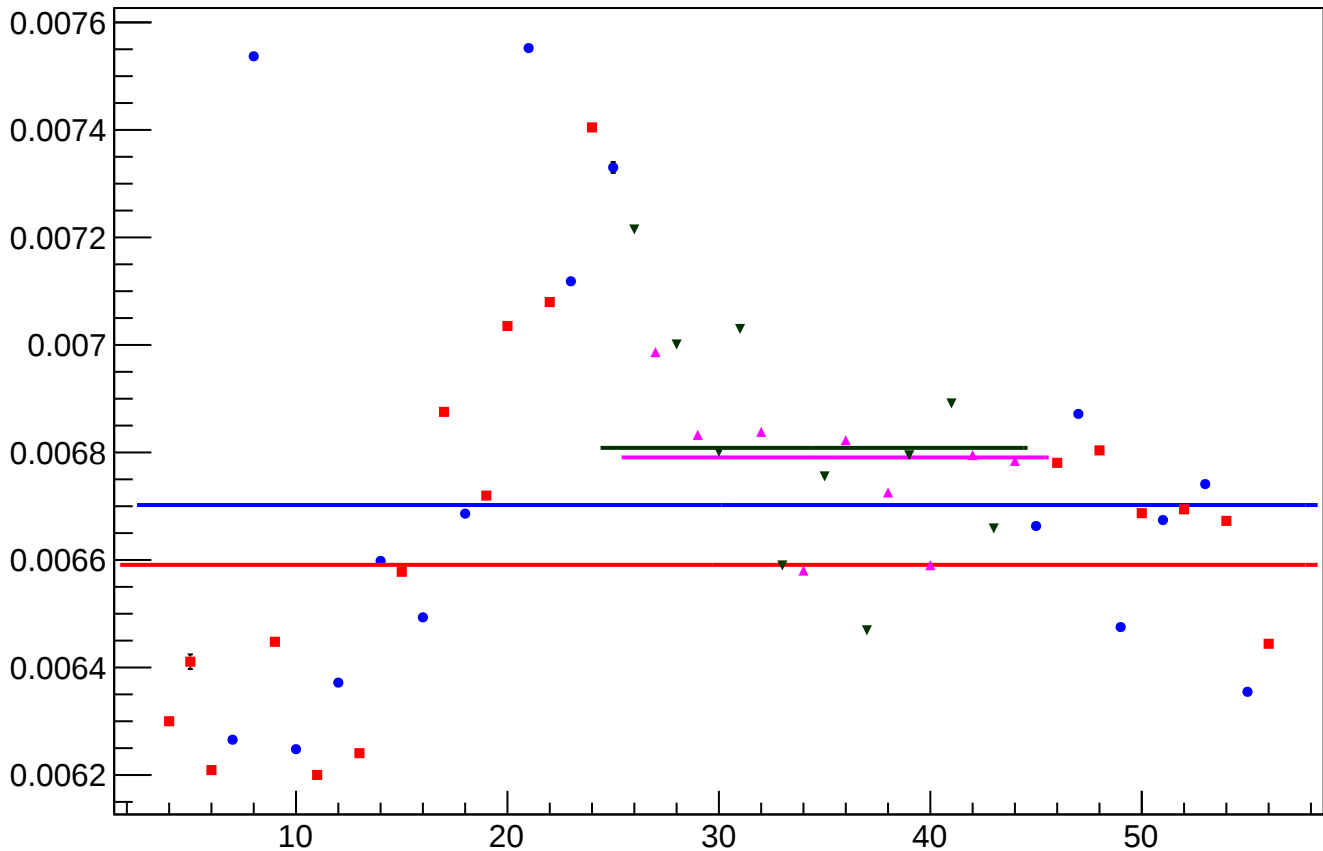
Right Out: 401.502+/-0.000 χ^2/NDF : 169658340791.4/17

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

400.908+/-0.000 χ^2/NDF : 225295071457.4/25

401.113+/-0.000 χ^2/NDF : 261798971990.8/26

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 69655.0/15

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

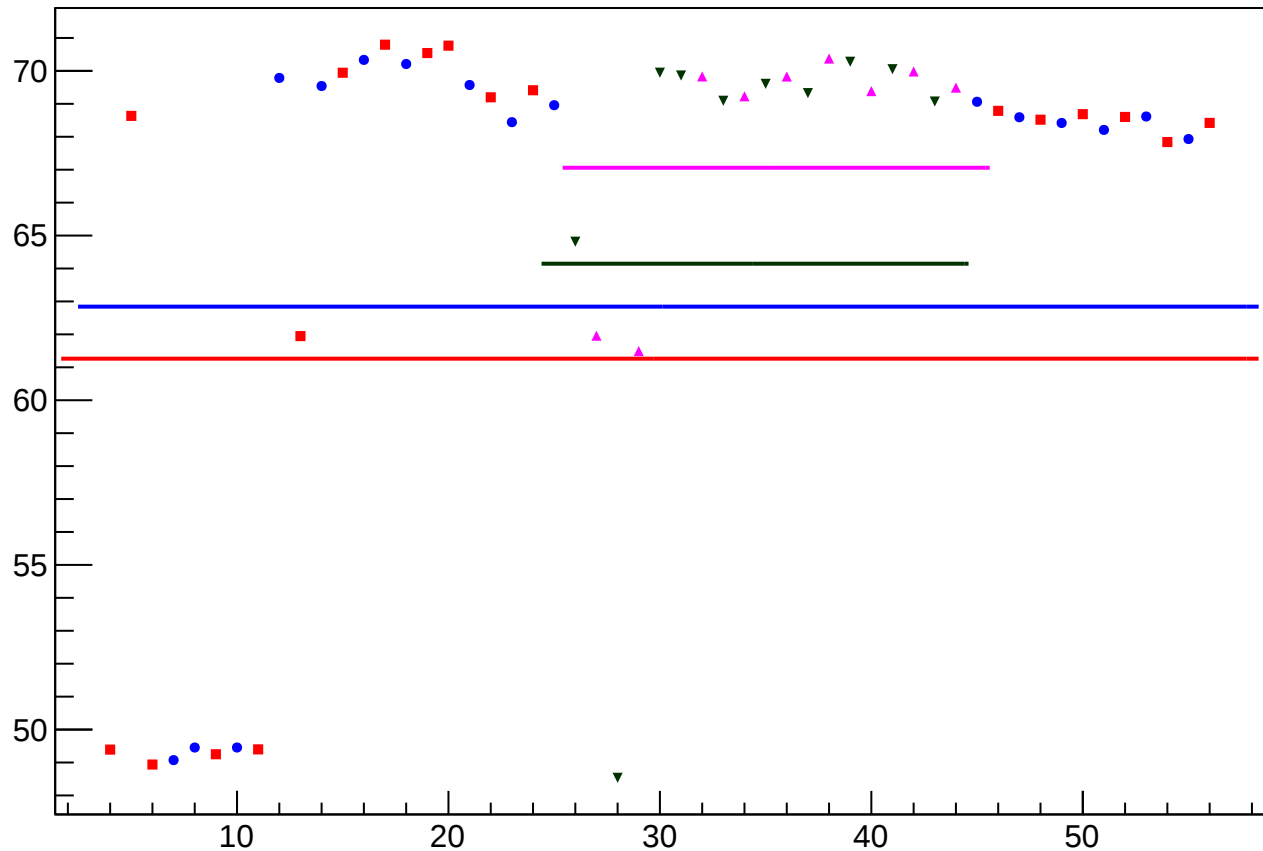
Right Out: 0.007+/-0.000 χ^2/NDF : 45450.4/17

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

0.007+/-0.000 χ^2/NDF : 81154.2/25

0.007+/-0.000 χ^2/NDF : 55245.1/26

yield_cav4cQ_mean vs slug



Right In: 62.842 ± 0.000 χ^2/NDF : 16518931232.9/15

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

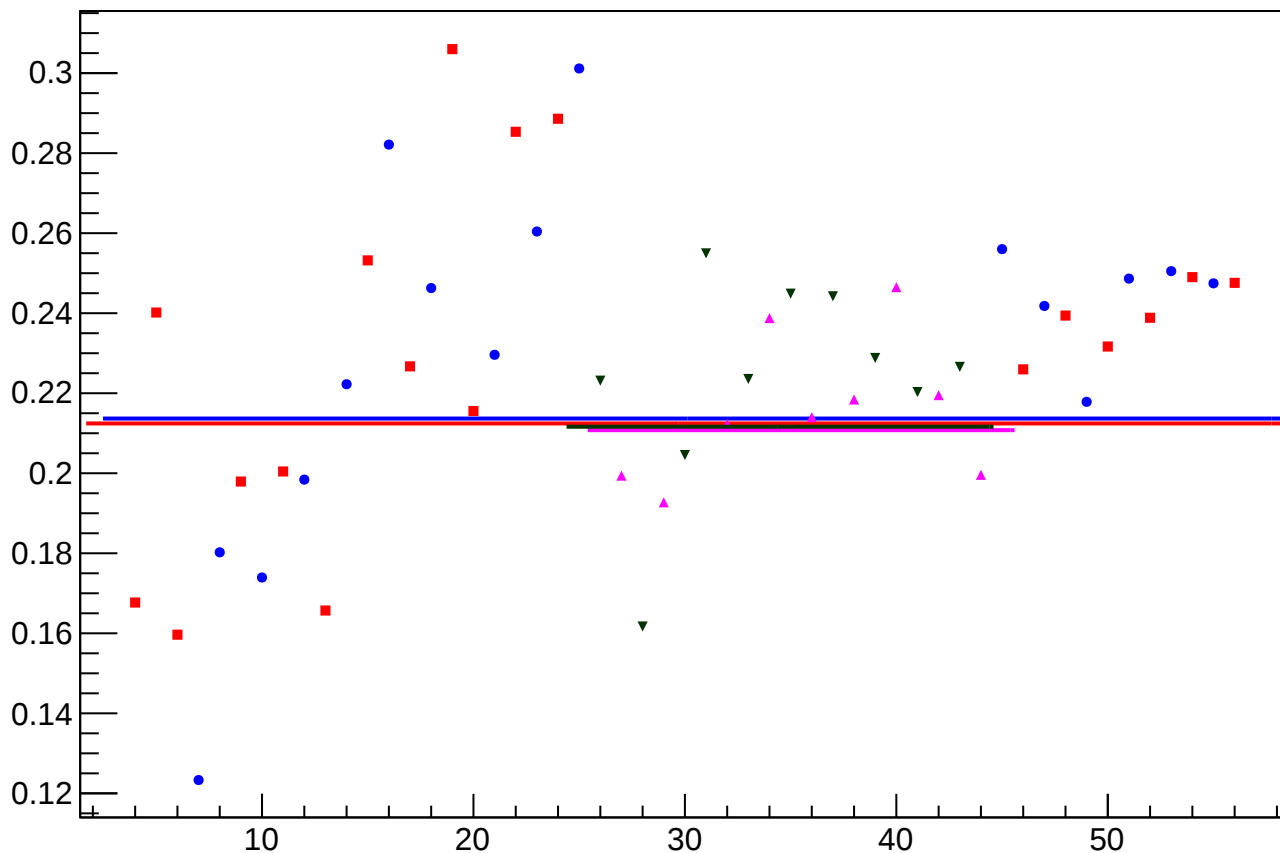
63.304 ± 0.000 χ^2/NDF : 25169182753.1/25

Right Out: 61.262 ± 0.000 χ^2/NDF : 15026358377.0/17

63.512 ± 0.000 χ^2/NDF : 19024397958.4/26

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

yield_cav4cQ_rms vs slug



Right In: 0.214 $\pm$ 0.000 χ^2 /NDF: 641052.2/15

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

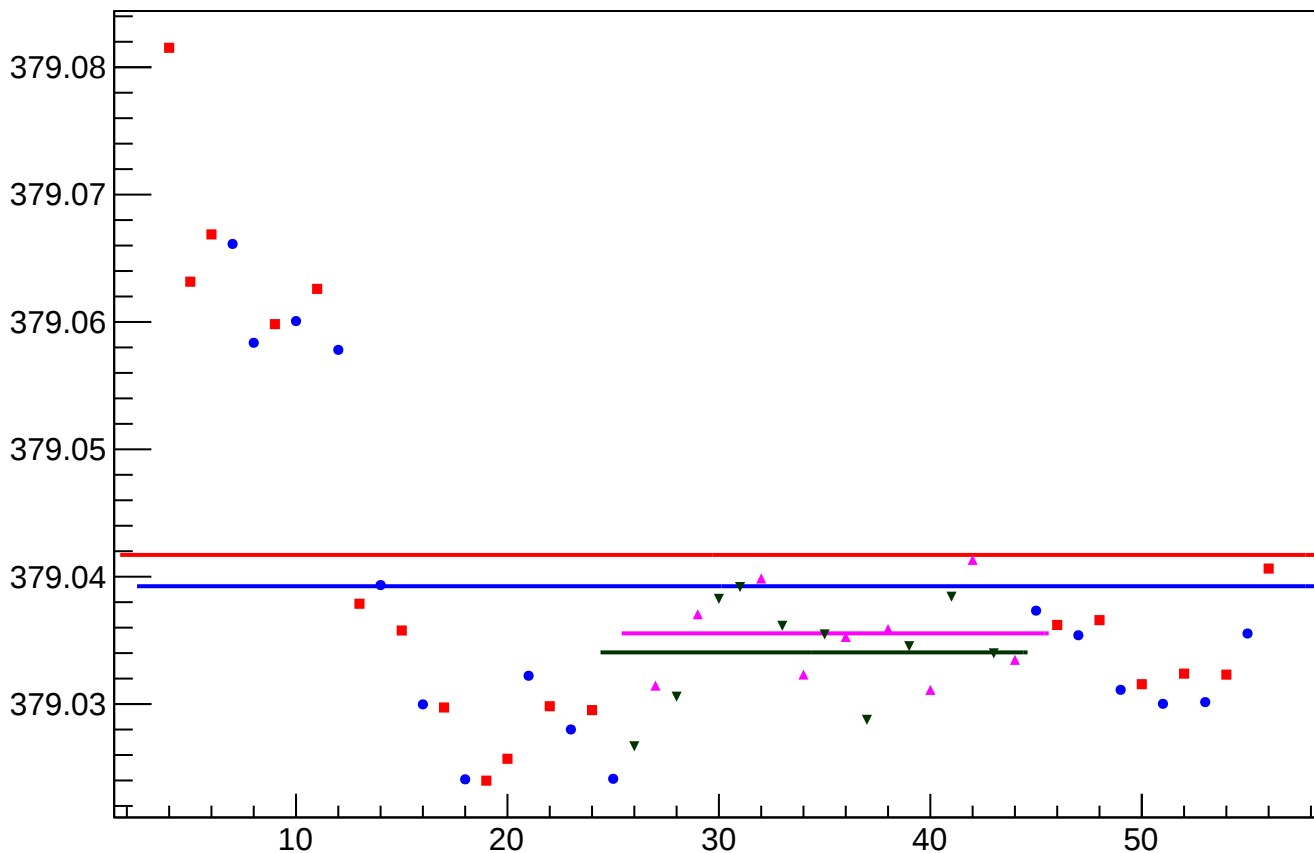
Right Out: 0.212 $\pm$ 0.000 χ^2 /NDF: 577194.9/17

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

0.213 $\pm$ 0.000 χ^2 /NDF: 843040.7/25

0.212 $\pm$ 0.000 χ^2 /NDF: 632182.0/26

yield_cav4dQ_mean vs slug



Right In: 379.039 $\pm$ 0.000 χ^2 /NDF: 33044976.2/15

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

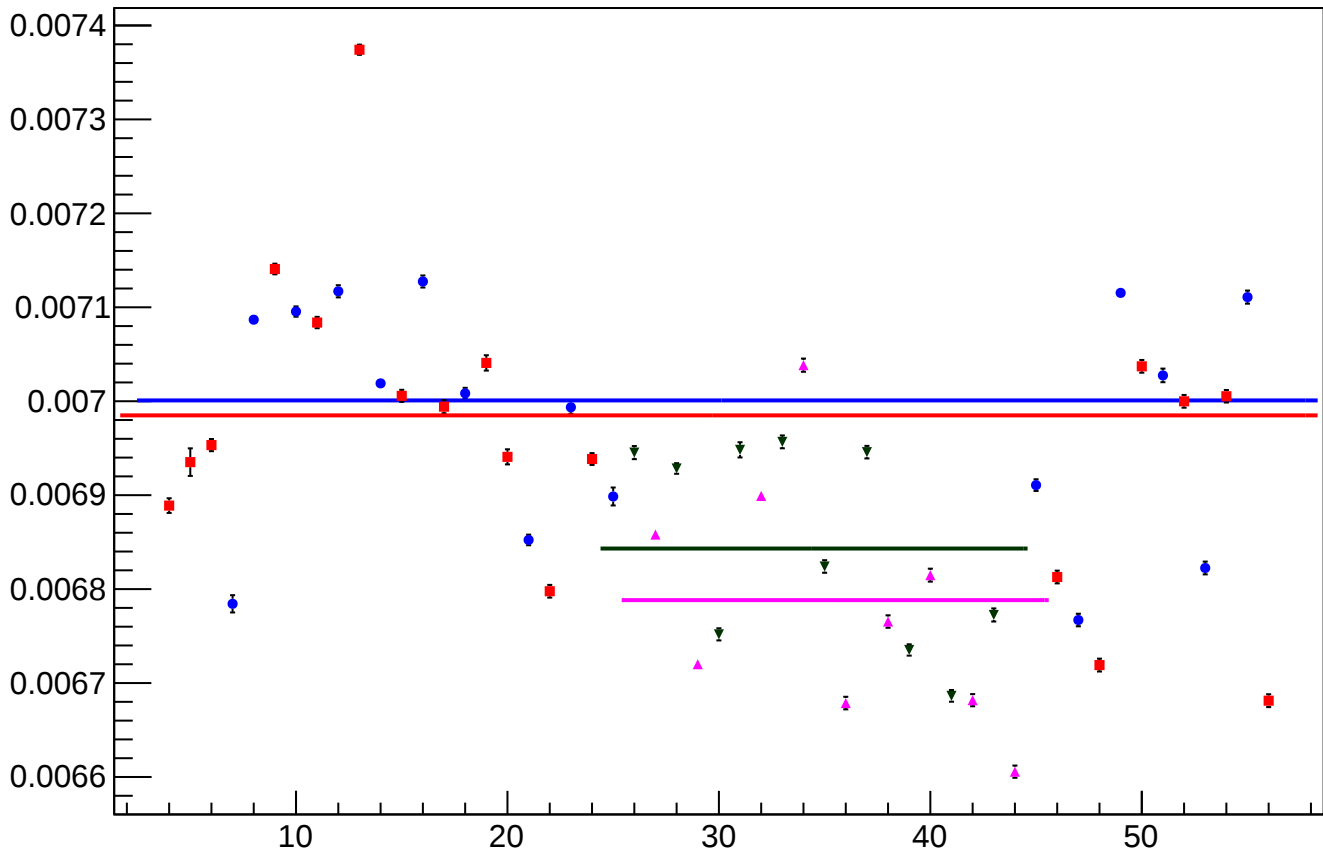
Right Out: 379.042 $\pm$ 0.000 χ^2 /NDF: 46098689.9/17

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

379.037 $\pm$ 0.000 χ^2 /NDF: 36815814.4/25

379.039 $\pm$ 0.000 χ^2 /NDF: 50409548.3/26

yield_cav4dQ_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 5471.5/15

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

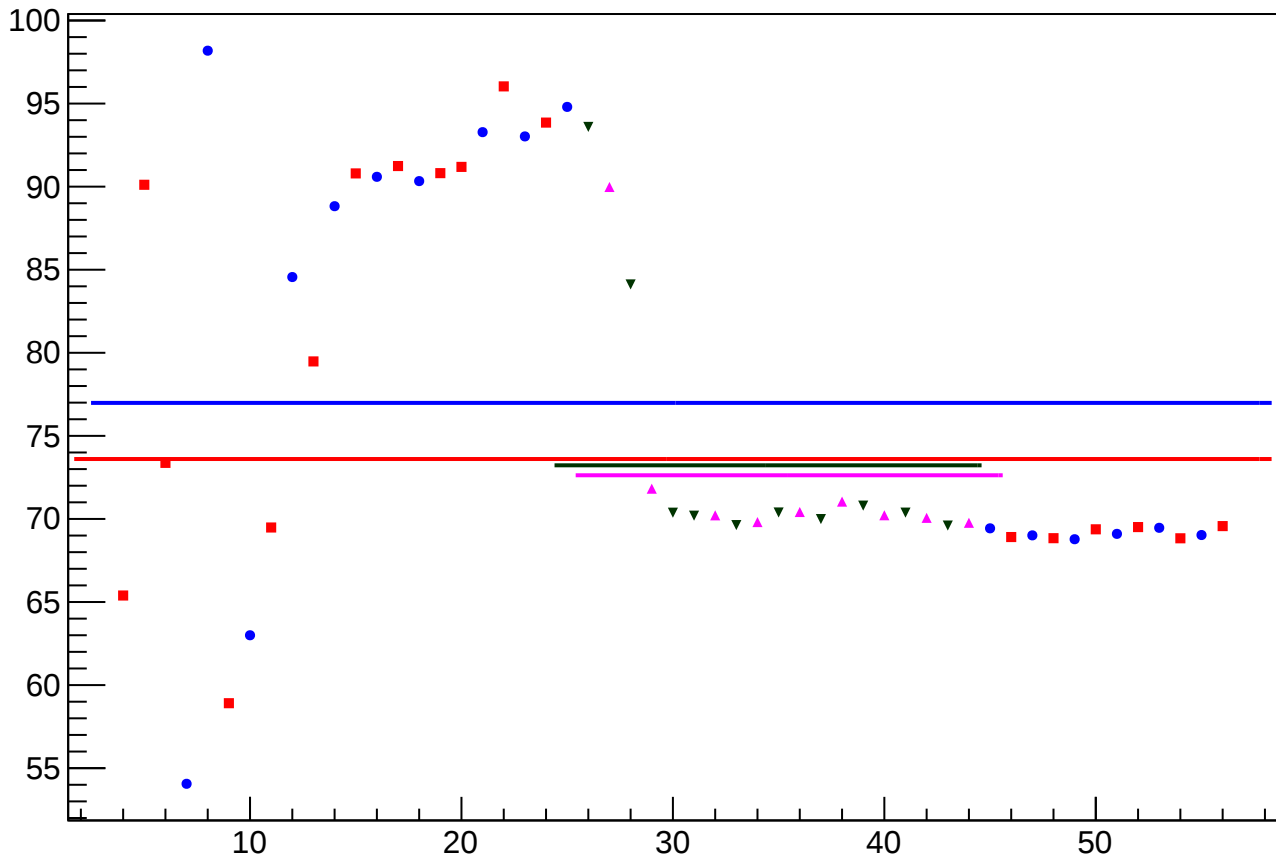
Right Out: 0.007 ± 0.000 χ^2/NDF : 11526.8/17

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

0.007 ± 0.000 χ^2/NDF : 11507.2/25

0.007 ± 0.000 χ^2/NDF : 20773.2/26

yield_bcm0l02_mean vs slug



Right In: 76.985 ± 0.000 χ^2/NDF : 20040243735.9/15

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

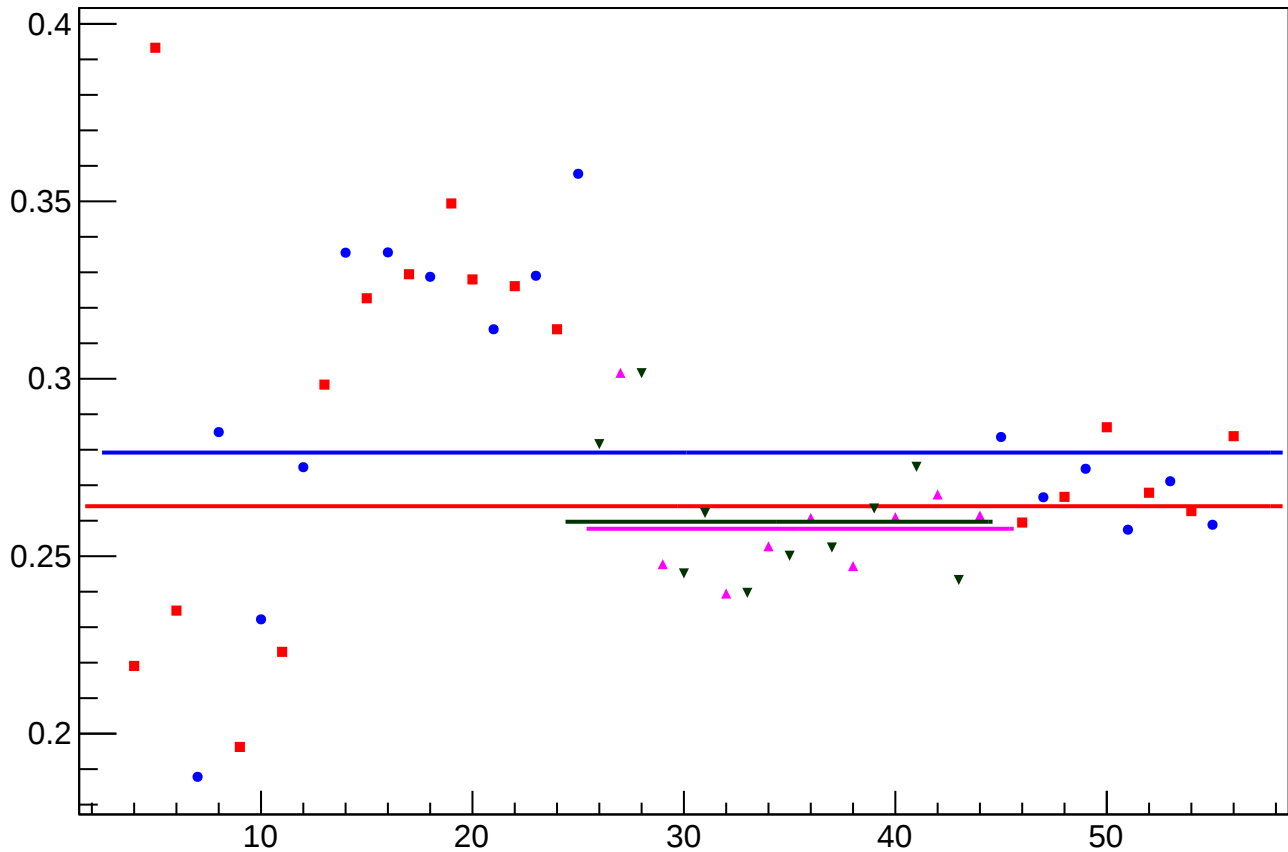
Right Out: 73.607 ± 0.000 χ^2/NDF : 14670153502.6/17

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

75.524 ± 0.000 χ^2/NDF : 24403304553.9/25

73.216 ± 0.000 χ^2/NDF : 17644438377.2/26

yield_bcm0l02_rms vs slug



Right In: 0.279+/-0.000 χ^2/NDF : 366467.8/15

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

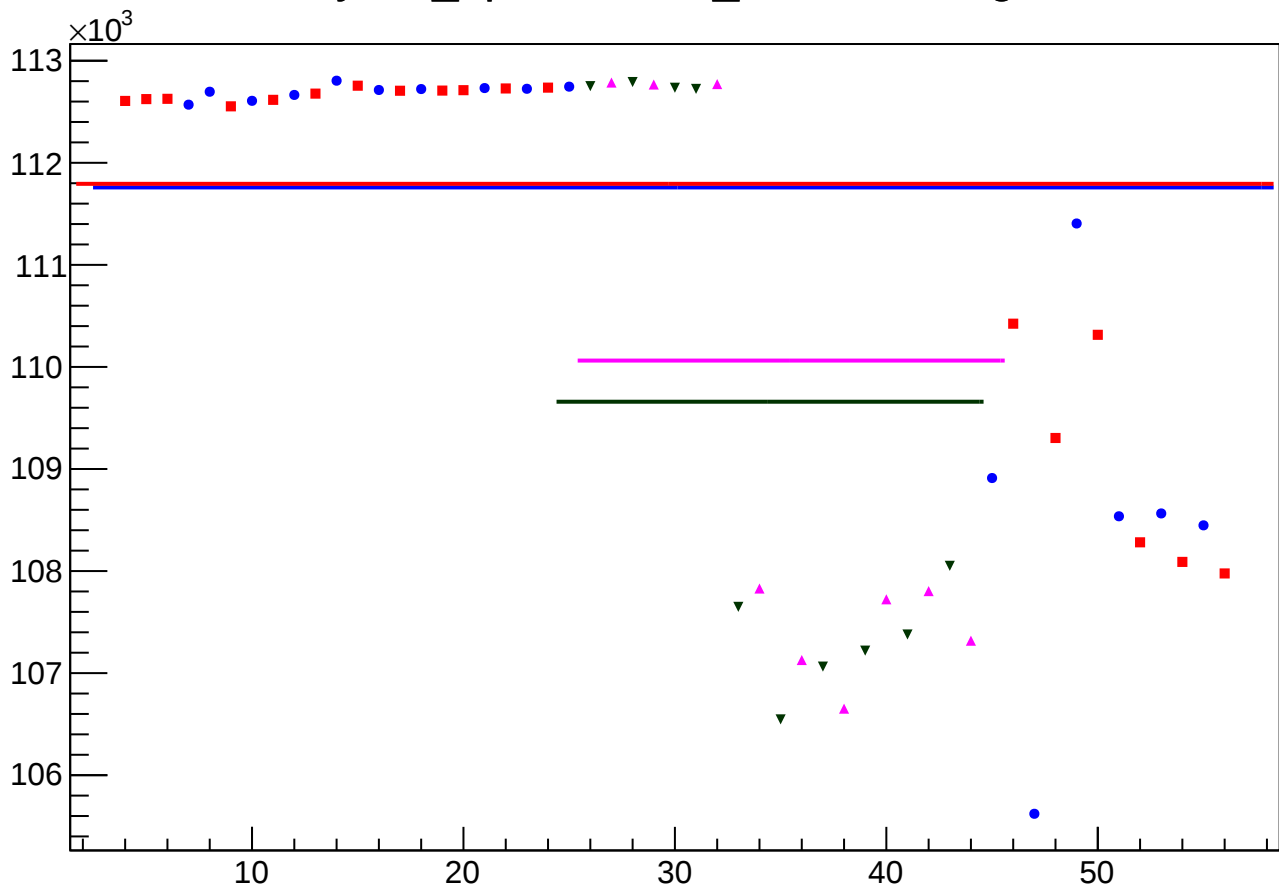
0.272+/-0.000 χ^2/NDF : 448373.2/25

Right Out: 0.264+/-0.000 χ^2/NDF : 494356.3/17

0.262+/-0.000 χ^2/NDF : 547348.3/26

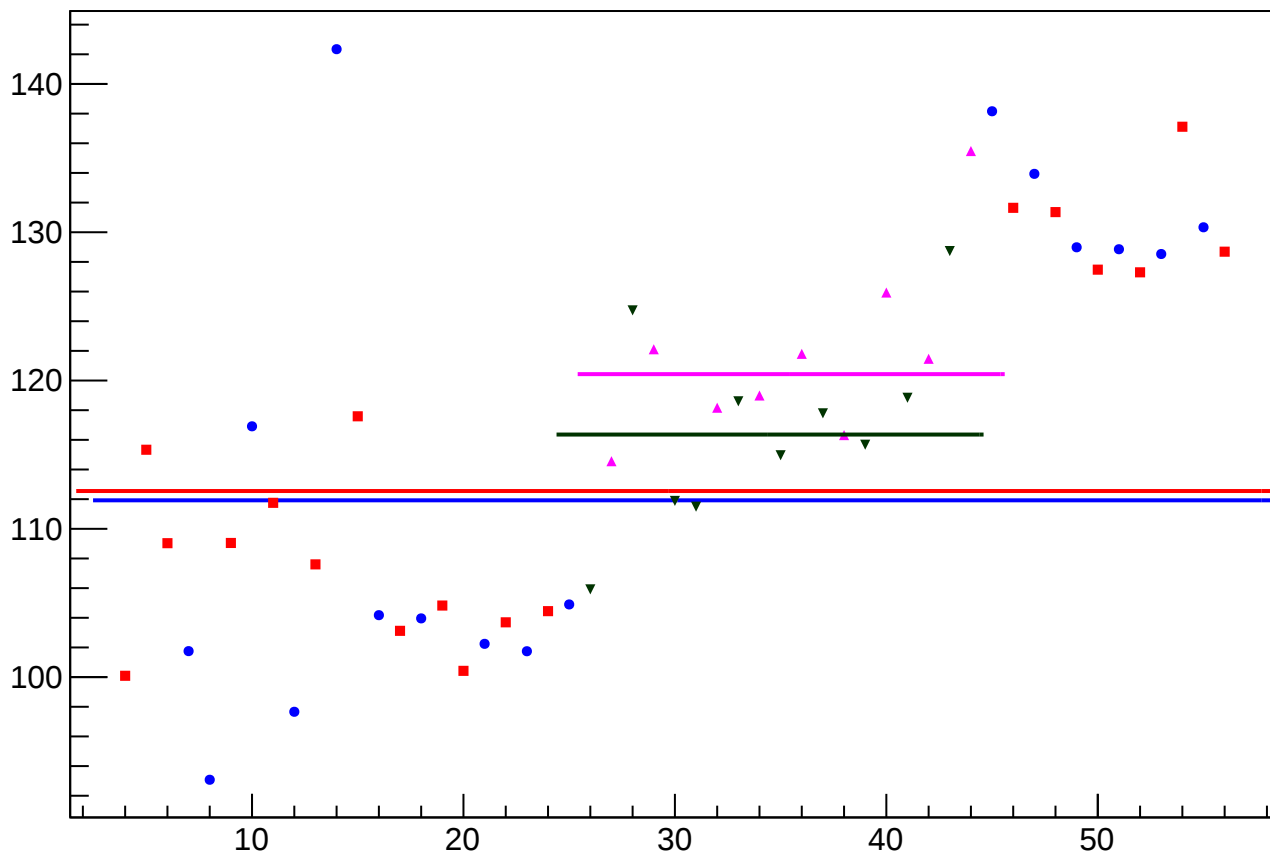
Left In: 0.258+/-0.000 χ^2/NDF : 49167.8/8

yield_bpm2i01WS_mean vs slug



Right In: 111758.733 $\pm$ 0.037	χ^2/NDF : 2537027957.9/15	111075.771 $\pm$ 0.030	χ^2/NDF : 6289768809.2/25
Left Out: 109659.144 $\pm$ 0.053	χ^2/NDF : 2686861752.7/9		
Right Out: 111794.010 $\pm$ 0.038	χ^2/NDF : 1881489822.9/17	111211.851 $\pm$ 0.031	χ^2/NDF : 5172788689.4/26
Left In: 110062.356 $\pm$ 0.053	χ^2/NDF : 2589754971.8/8		

yield_bpm2i01WS_rms vs slug



Right In: 111.922 ± 0.026 χ^2/NDF : 375993.4/15

Left Out: 116.357 ± 0.037 χ^2/NDF : 26817.0/9

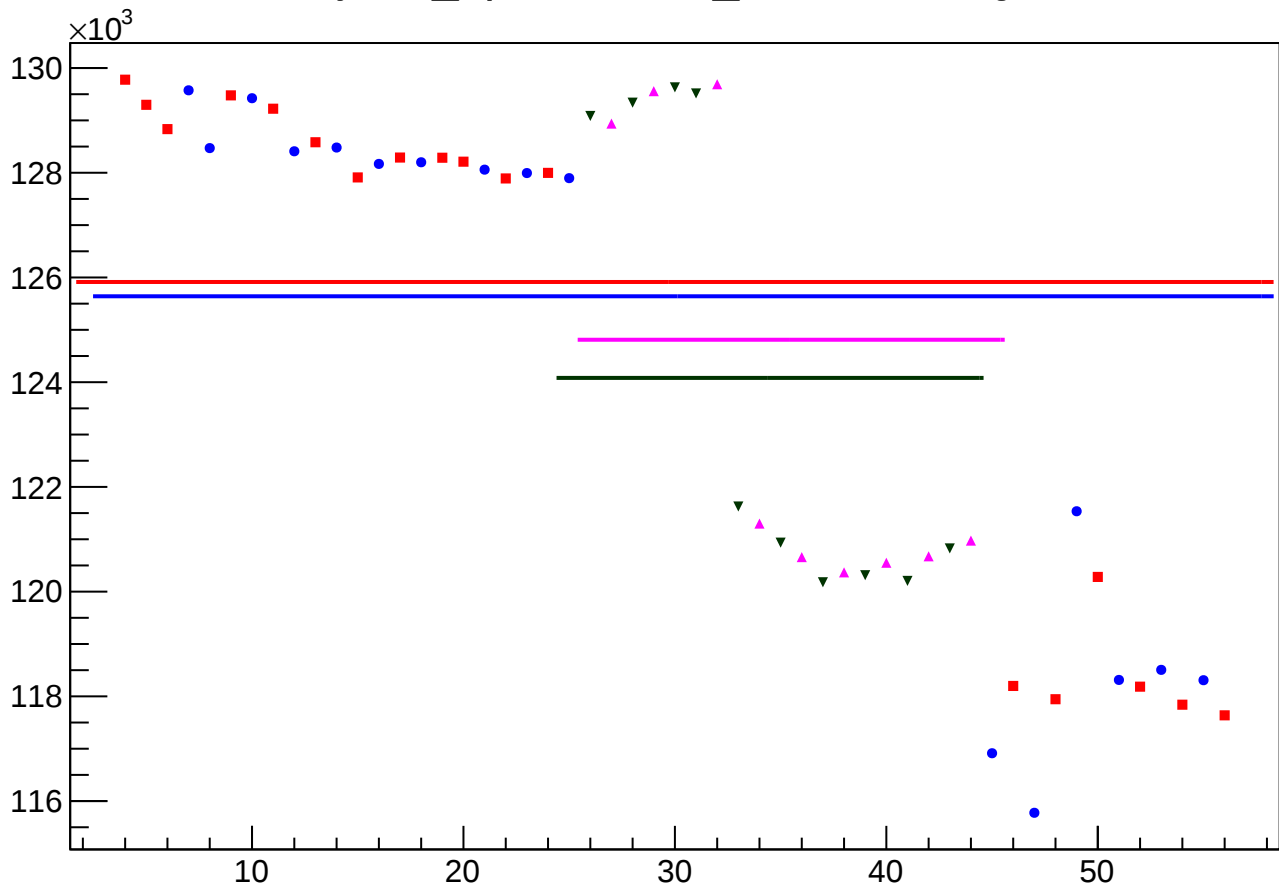
113.365 ± 0.021 χ^2/NDF : 412323.6/25

Right Out: 112.549 ± 0.027 χ^2/NDF : 164737.4/17

115.199 ± 0.022 χ^2/NDF : 212727.8/26

Left In: 120.432 ± 0.038 χ^2/NDF : 18918.6/8

yield_bpm0i07WS_mean vs slug



Right In: 125640.745 $\pm$ 0.060 χ^2 /NDF: 5803896889.6/15

Left Out: 124081.986 $\pm$ 0.090 χ^2 /NDF: 2292578151.5/9

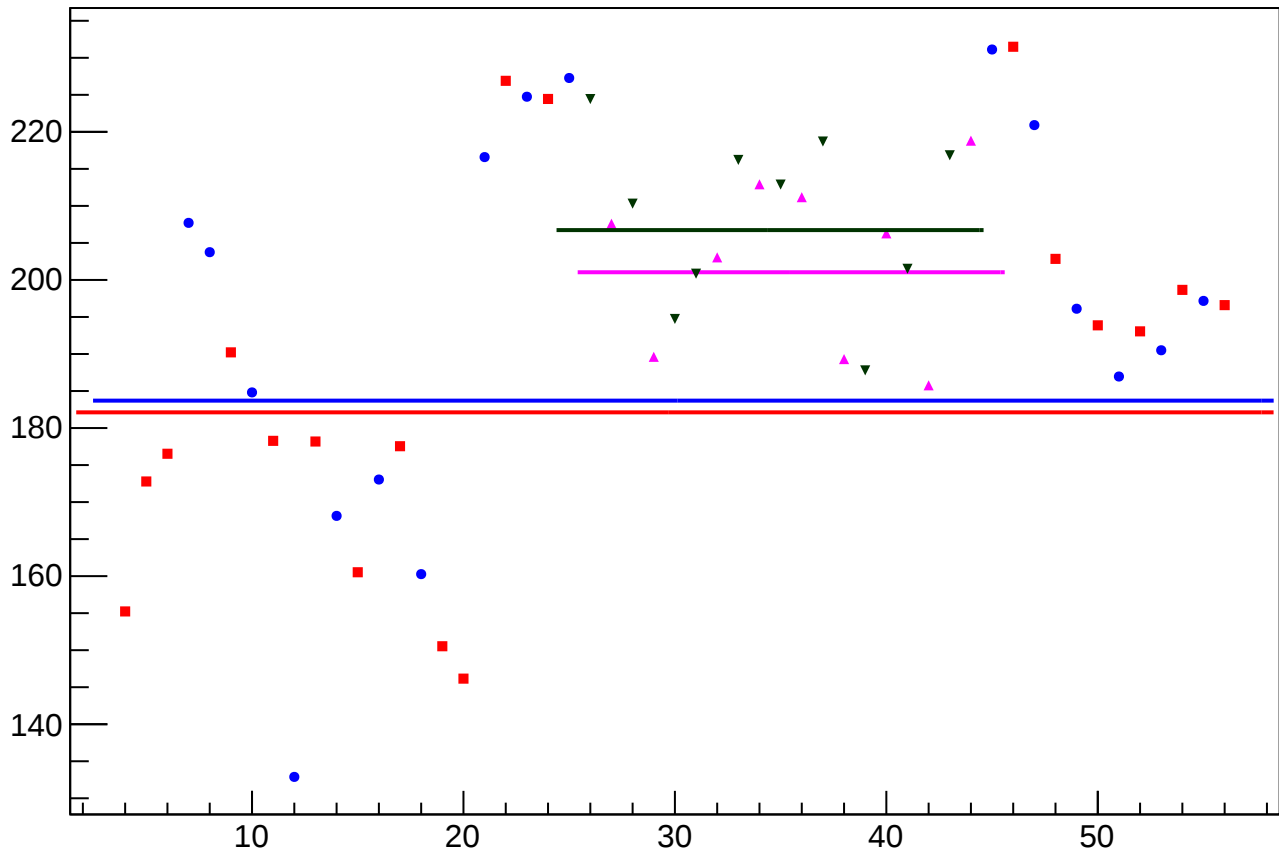
Right Out: 125913.909 $\pm$ 0.061 χ^2 /NDF: 5640851049.2/17

Left In: 124810.637 $\pm$ 0.085 χ^2 /NDF: 2608172131.0/8

125165.621 $\pm$ 0.050 χ^2 /NDF: 8304749174.7/25

125539.981 $\pm$ 0.050 χ^2 /NDF: 8360187858.3/26

yield_bpm0i07WS_rms vs slug



Right In: 183.702 ± 0.042 χ^2/NDF : 420910.1/15

Left Out: 206.733 ± 0.064 χ^2/NDF : 32612.0/9

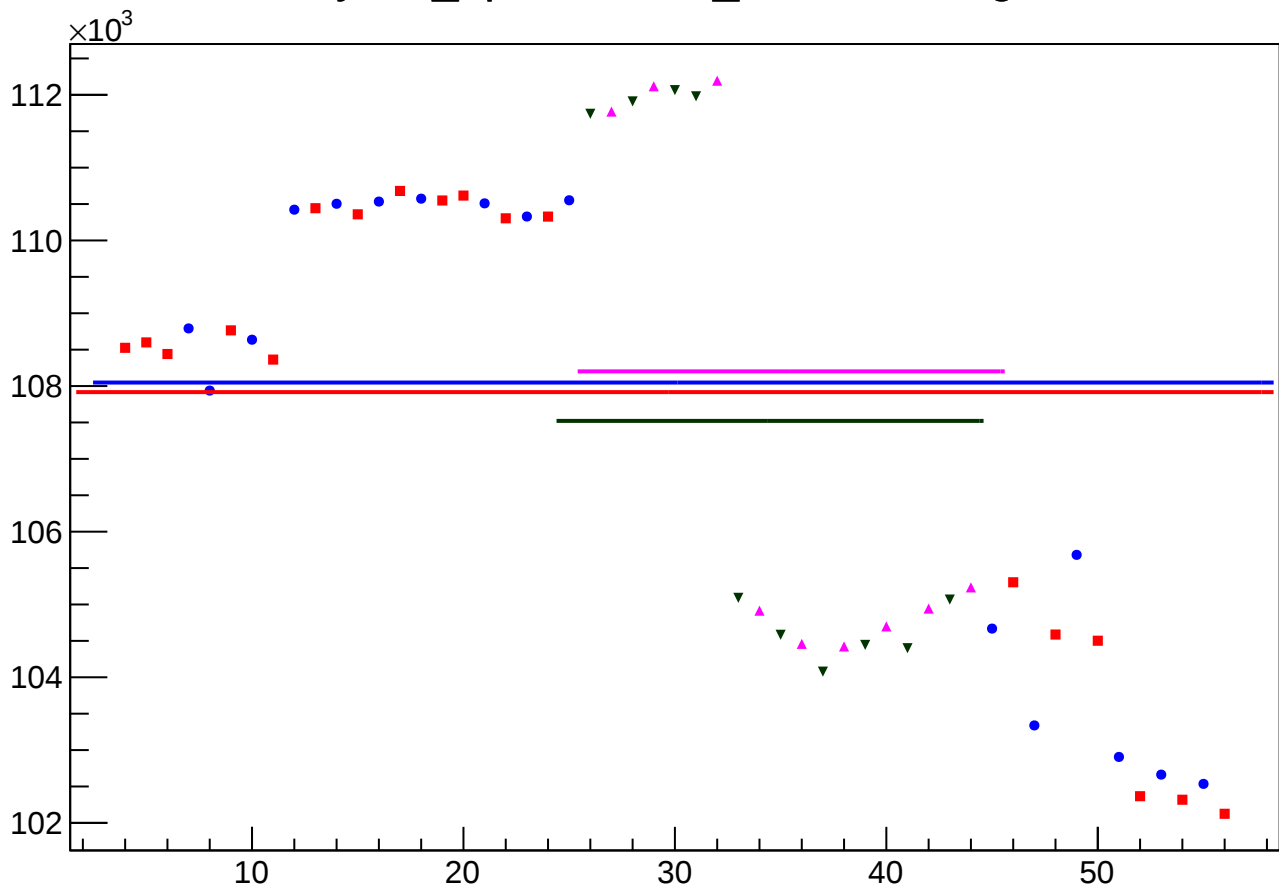
Right Out: 182.119 ± 0.043 χ^2/NDF : 265068.2/17

Left In: 201.040 ± 0.060 χ^2/NDF : 31613.0/8

190.722 ± 0.035 χ^2/NDF : 544460.7/25

188.532 ± 0.035 χ^2/NDF : 362069.3/26

yield_bpm0l01WS_mean vs slug



Right In: 108048.457 $\pm$ 0.039 χ^2 /NDF: 5627384149.1/15

Left Out: 107521.561 $\pm$ 0.049 χ^2 /NDF: 5321162353.6/9

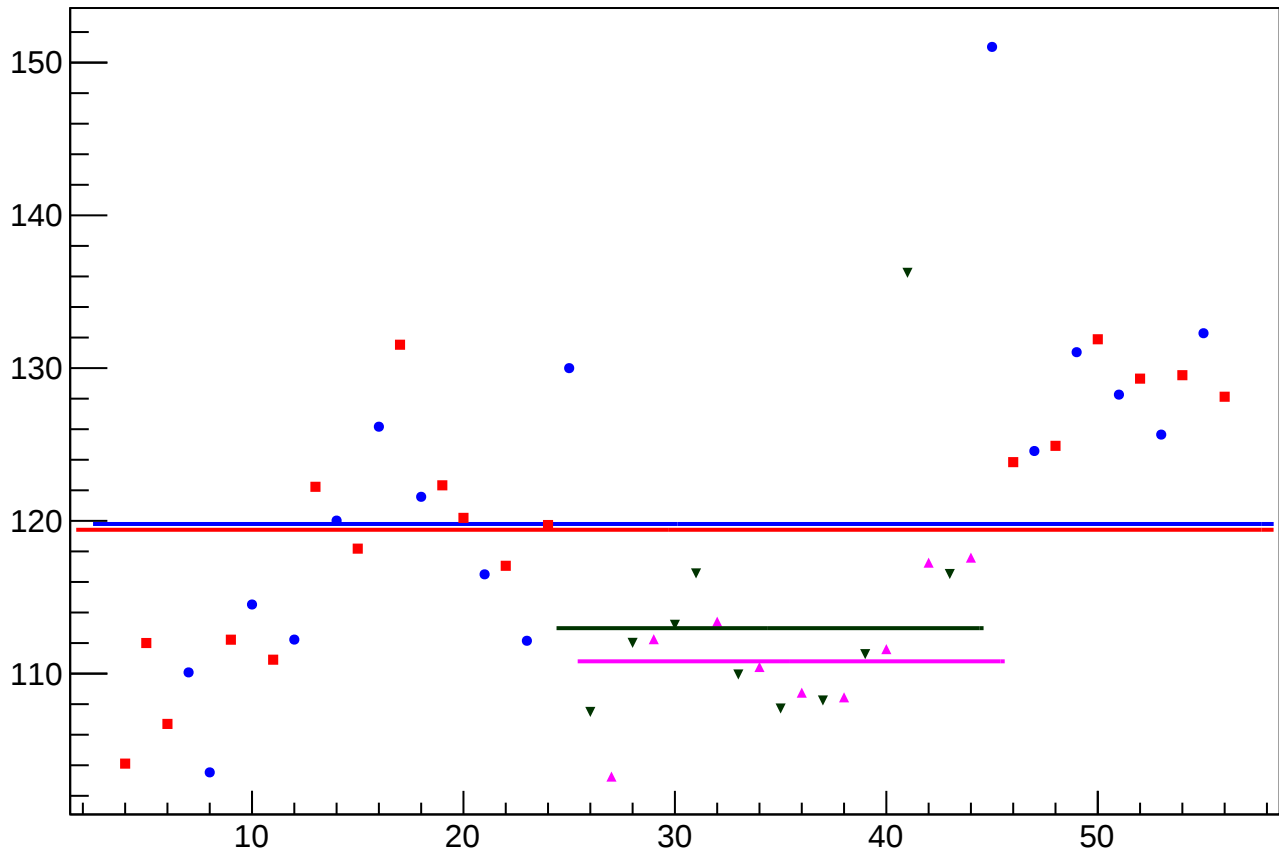
Right Out: 107916.825 $\pm$ 0.040 χ^2 /NDF: 5505376420.2/17

Left In: 108201.722 $\pm$ 0.047 χ^2 /NDF: 5984849706.8/8

107848.359 $\pm$ 0.030 χ^2 /NDF: 11019148411.4/2

108036.120 $\pm$ 0.030 χ^2 /NDF: 11511666450.9/2

yield_bpm0l01WS_rms vs slug



Right In: 119.796 $\pm$ 0.027 χ^2 /NDF: 143608.7/15

Left Out: 112.975 $\pm$ 0.035 χ^2 /NDF:42849.8/9

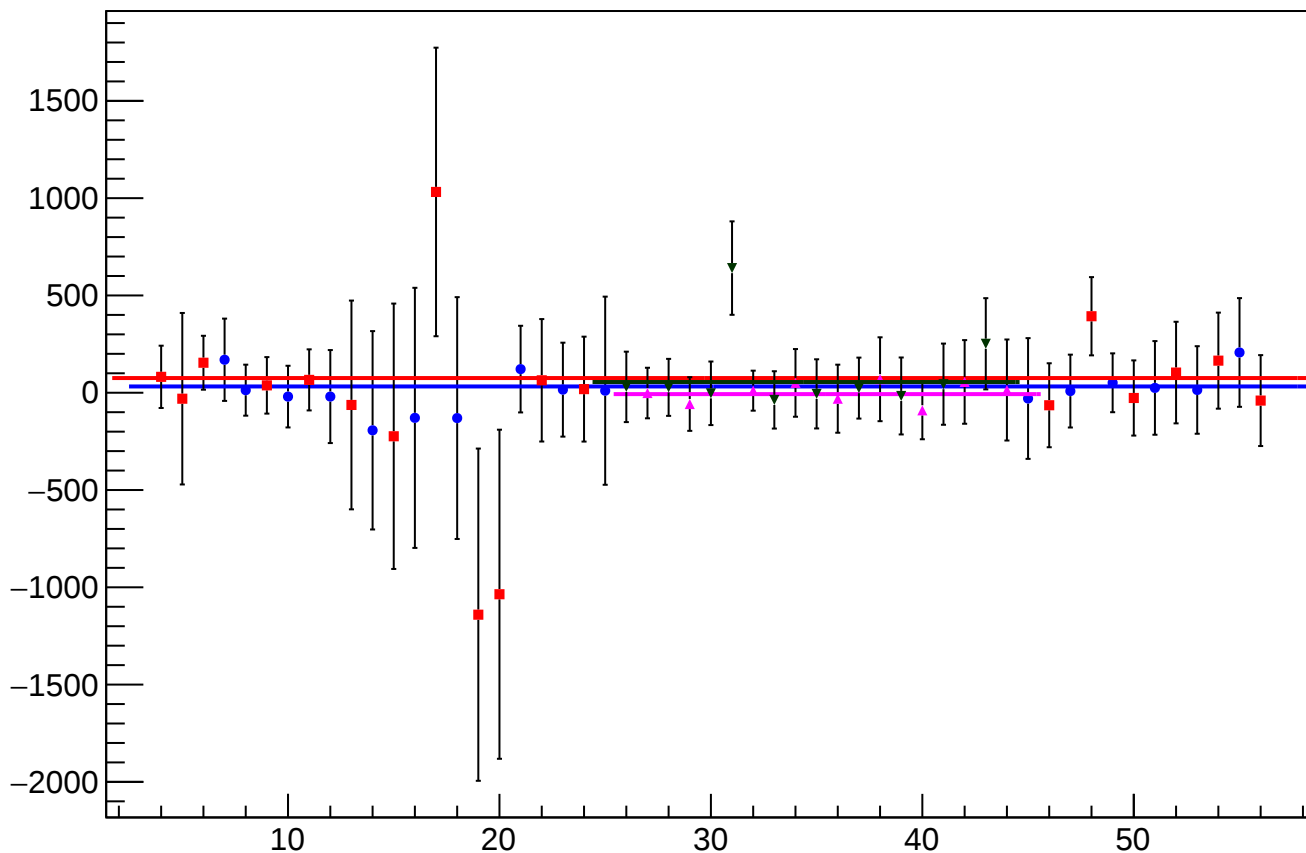
117.206 $\pm$ 0.022 χ^2 /NDF: 210118.1/25

Right Out: 119.416 $\pm$ 0.028 χ^2 /NDF: 83023.6/17

115.810 $\pm$ 0.021 χ^2 /NDF: 139747.0/26

Left In: 110.804 $\pm$ 0.033 χ^2 /NDF:17542.1/8

asym_bcm_an_ds_mean vs slug



Right In: 32.289+/-55.847 χ^2/NDF : 1.6/15

Left Out: 55.055+/-56.152 χ^2/NDF : 7.5/9

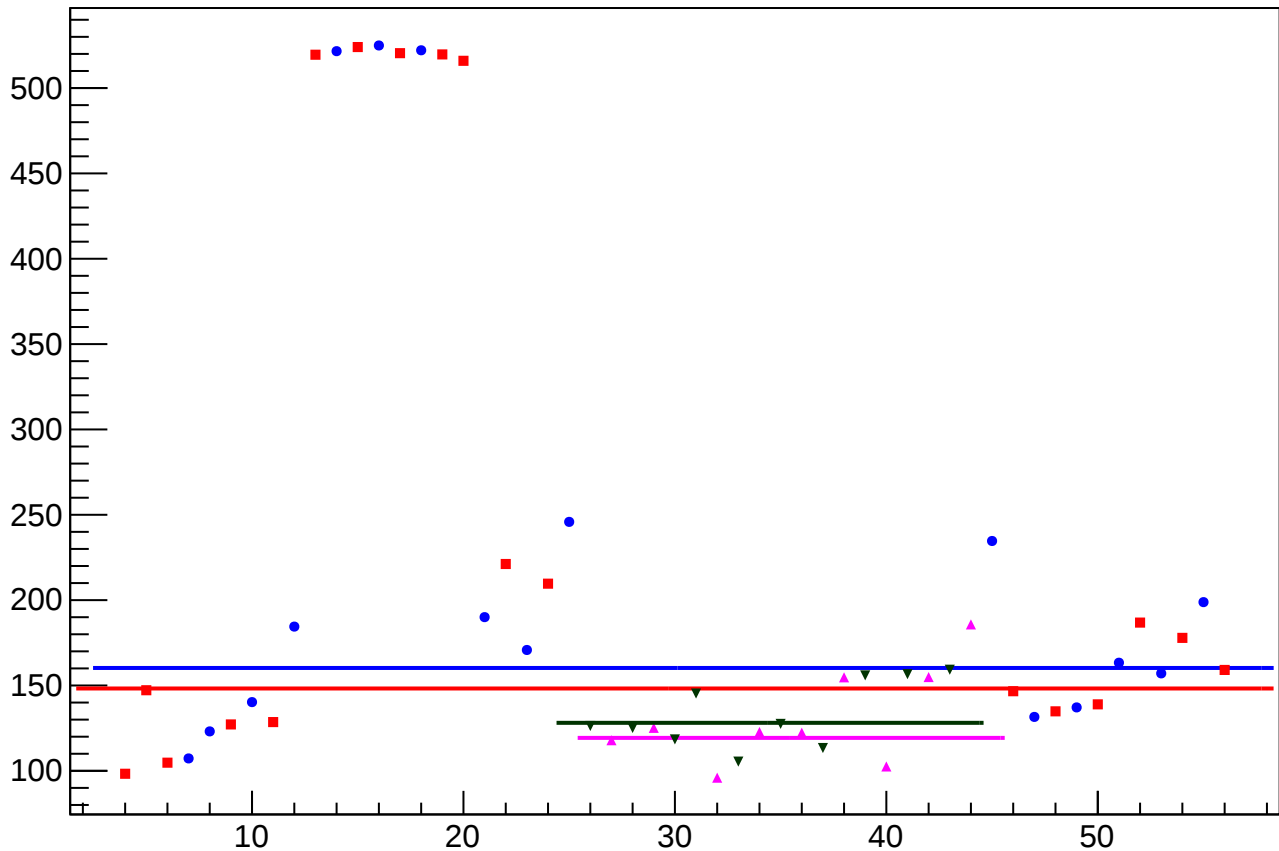
Right Out: 75.487+/-54.170 χ^2/NDF : 9.8/17

Left In: -7.075+/-51.612 χ^2/NDF : 0.8/8

43.610+/-39.597 χ^2/NDF : 9.1/25

32.211+/-37.367 χ^2/NDF : 11.8/26

asym_bcm_an_ds_rms vs slug



Right In: 160.265+/-0.039 χ^2/NDF : 2966909.9/15

Left Out: 128.125+/-0.040 χ^2/NDF :195774.0/9

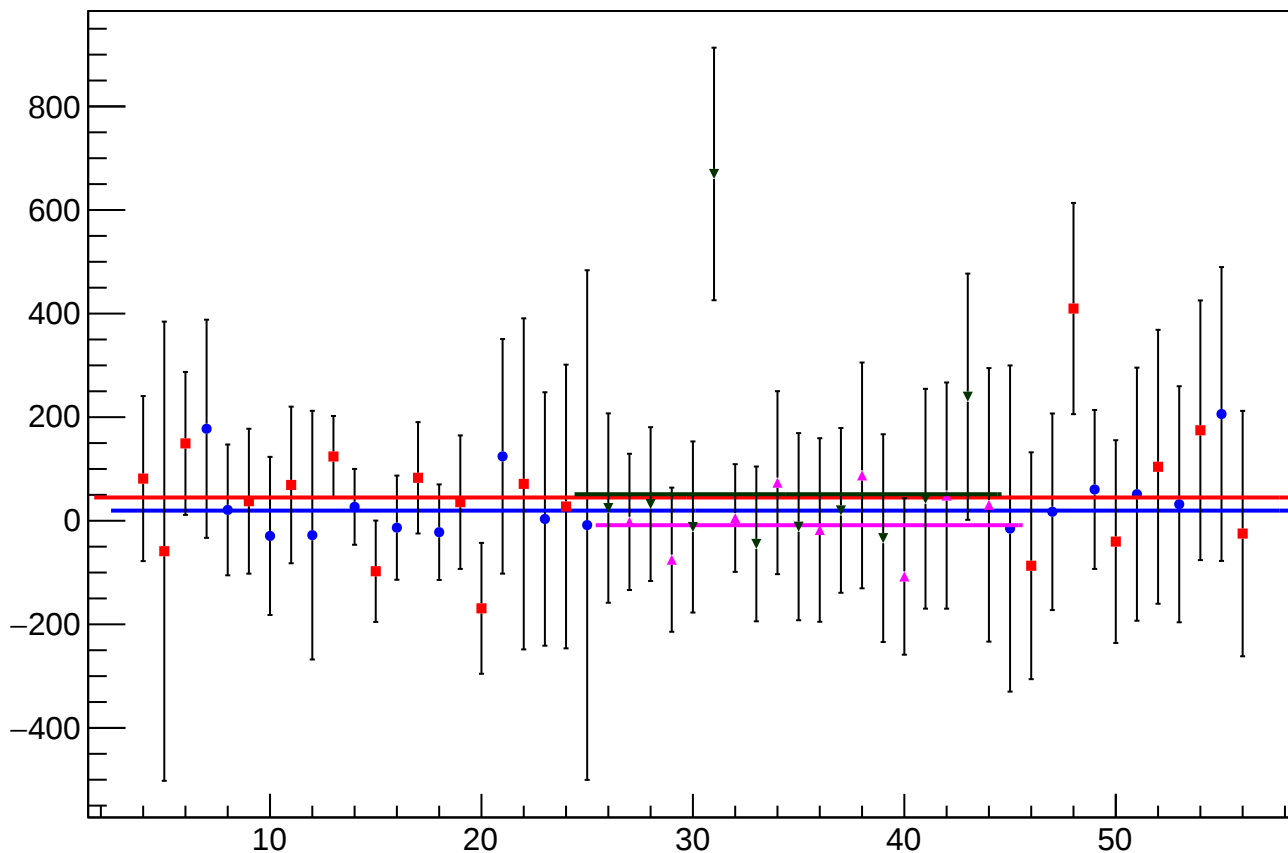
Right Out: 148.240+/-0.038 χ^2/NDF : 3592630.1/17

Left In: 119.305+/-0.036 χ^2/NDF :373767.5/8

144.282+/-0.028 χ^2/NDF : 3492070.3/25

133.073+/-0.026 χ^2/NDF : 4265511.2/26

asym_bcm_an_ds3_mean vs slug



Right In: 19.587 $\pm$ 37.329 χ^2 /NDF: 1.8/15

Left Out: 51.240 $\pm$ 56.939 χ^2 /NDF:8.0/9

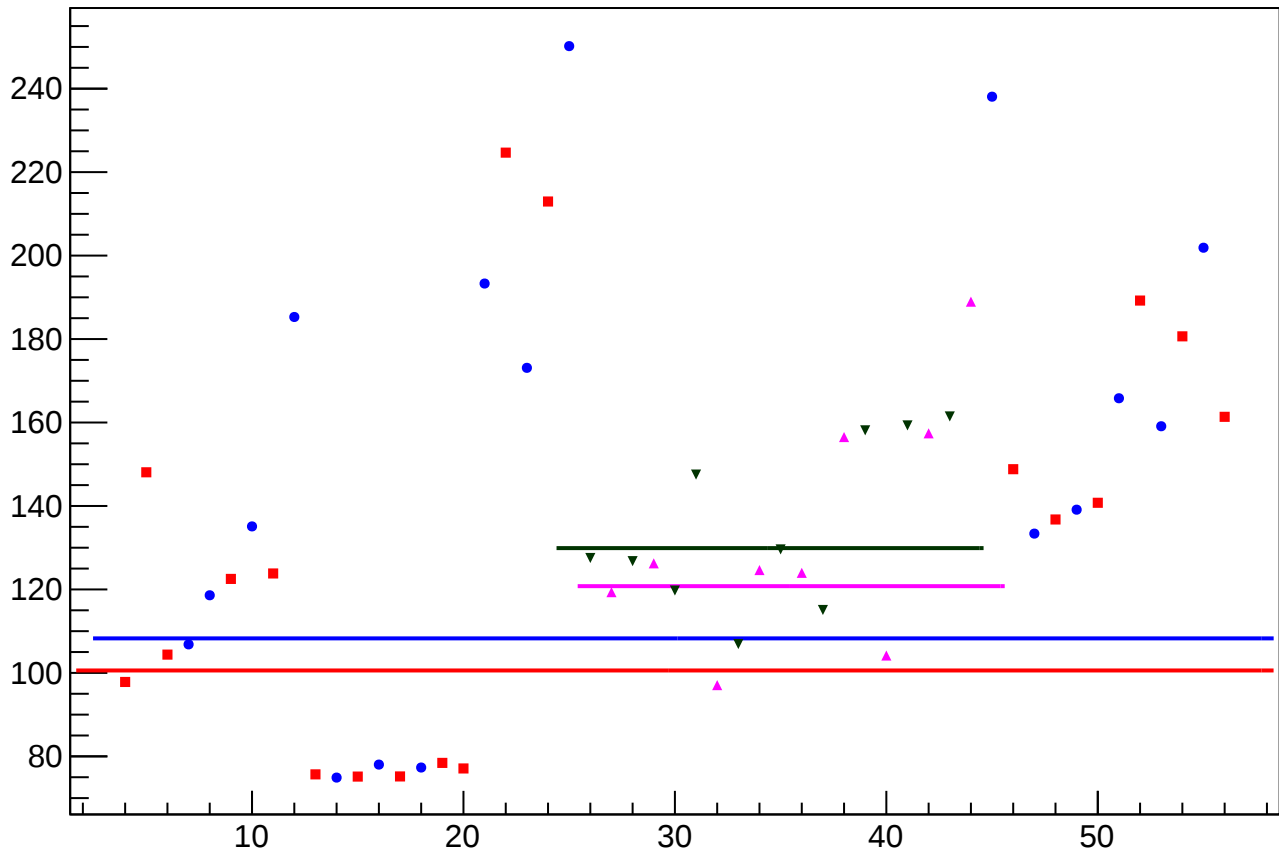
Right Out: 44.935 $\pm$ 35.104 χ^2 /NDF: 11.0/17

Left In: -8.590 $\pm$ 52.268 χ^2 /NDF:1.2/8

29.102 $\pm$ 31.218 χ^2 /NDF: 10.0/25

28.297 $\pm$ 29.141 χ^2 /NDF: 12.9/26

asym_bcm_an_ds3_rms vs slug



Right In: 108.272 $\pm$ 0.026 χ^2 /NDF: 2575039.3/15

Left Out: 129.904 $\pm$ 0.040 χ^2 /NDF:197170.8/9

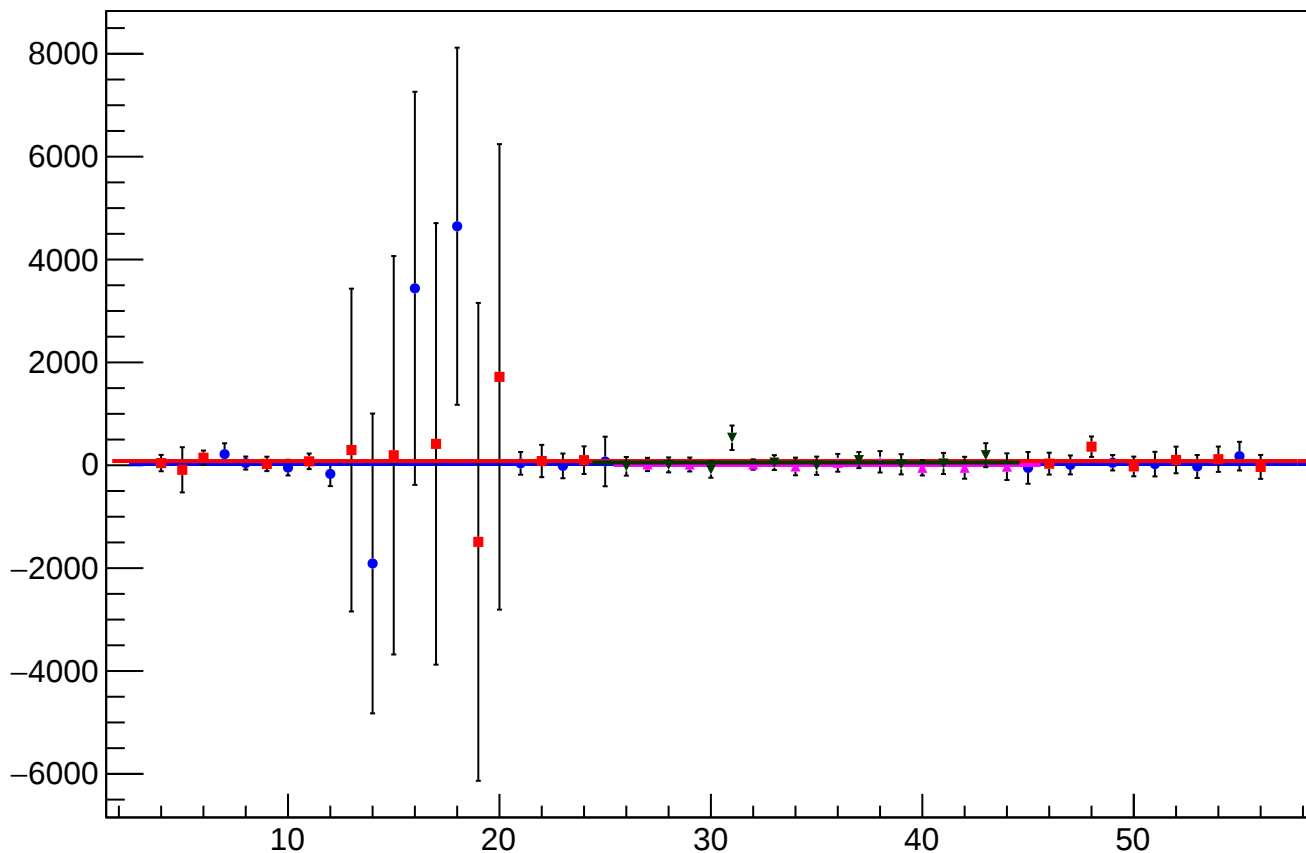
114.774 $\pm$ 0.022 χ^2 /NDF: 2974104.0/25

Right Out: 100.583 $\pm$ 0.025 χ^2 /NDF: 2142046.7/17

106.863 $\pm$ 0.021 χ^2 /NDF: 2724459.3/26

Left In: 120.786 $\pm$ 0.037 χ^2 /NDF:376487.8/8

asym_bcm_an_us_mean vs slug



Right In: 24.790+/-55.663 χ^2/NDF : 5.2/15

Left Out: 53.832+/-55.648 χ^2/NDF : 5.7/9

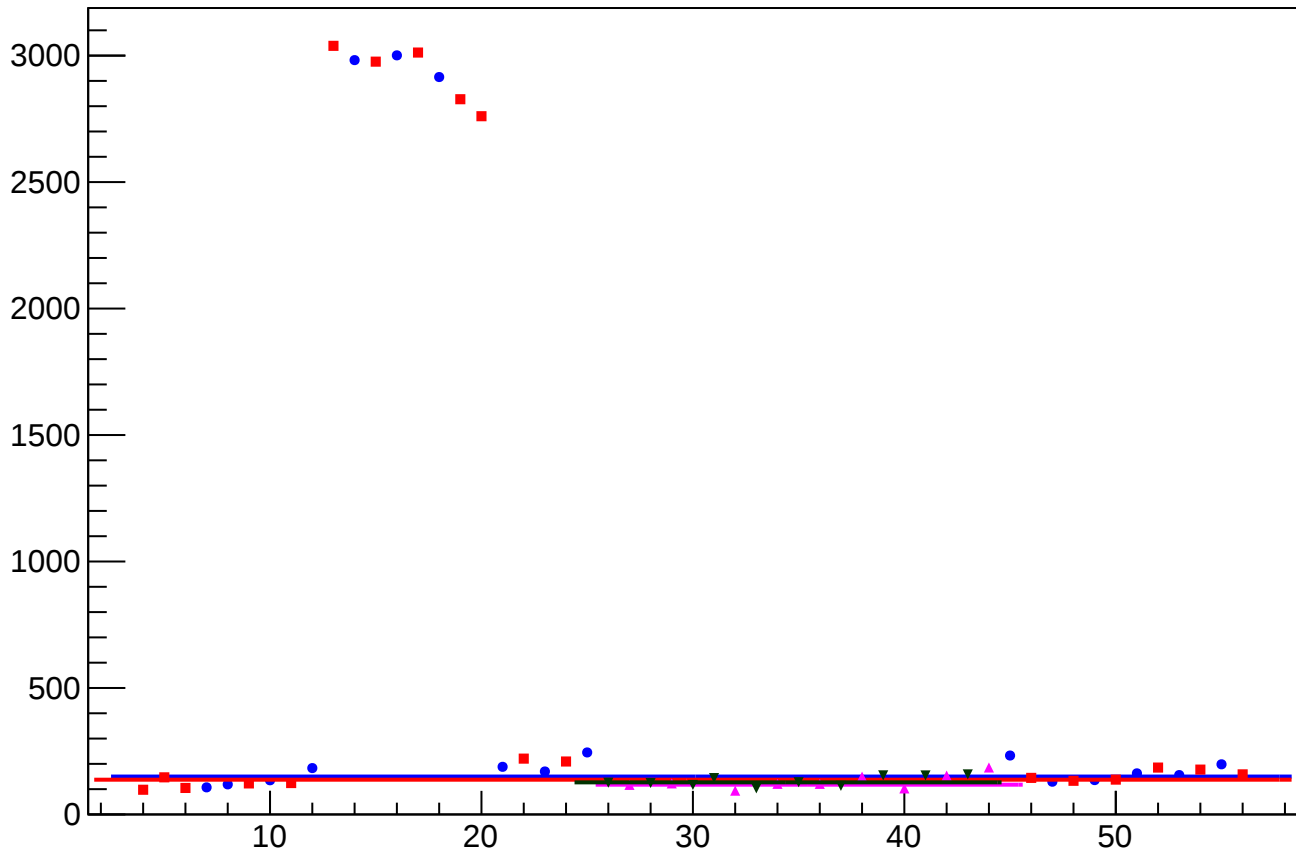
Right Out: 82.527+/-54.215 χ^2/NDF : 3.5/17

Left In: 5.189+/-50.929 χ^2/NDF : 0.4/8

39.315+/-39.355 χ^2/NDF : 11.0/25

41.443+/-37.120 χ^2/NDF : 5.0/26

asym_bcm_an_us_rms vs slug



Right In: 149.842 $\pm$ 0.039 χ^2 /NDF: 4937702.1/15

Left Out: 126.861 $\pm$ 0.039 χ^2 /NDF: 201202.8/9

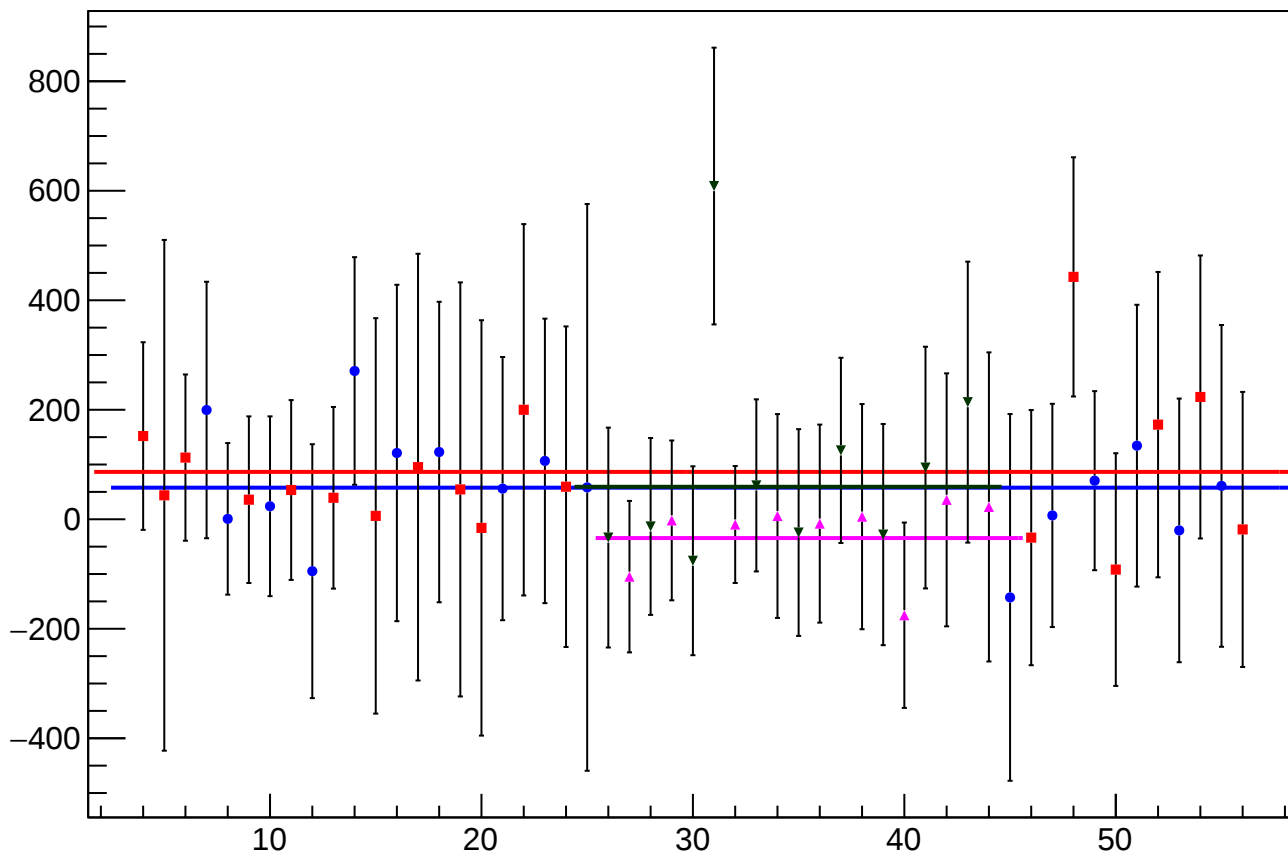
Right Out: 137.403 $\pm$ 0.038 χ^2 /NDF: 5721465.2/17

Left In: 117.710 $\pm$ 0.036 χ^2 /NDF: 374948.7/8

138.348 $\pm$ 0.028 χ^2 /NDF: 5309394.6/25

126.942 $\pm$ 0.026 χ^2 /NDF: 6236598.6/26

asym_bcm_dg_us_mean vs slug



Right In: 57.716 $\pm$ 55.621 χ^2 /NDF: 2.8/15

Left Out: 59.318 $\pm$ 60.188 χ^2 /NDF:6.7/9

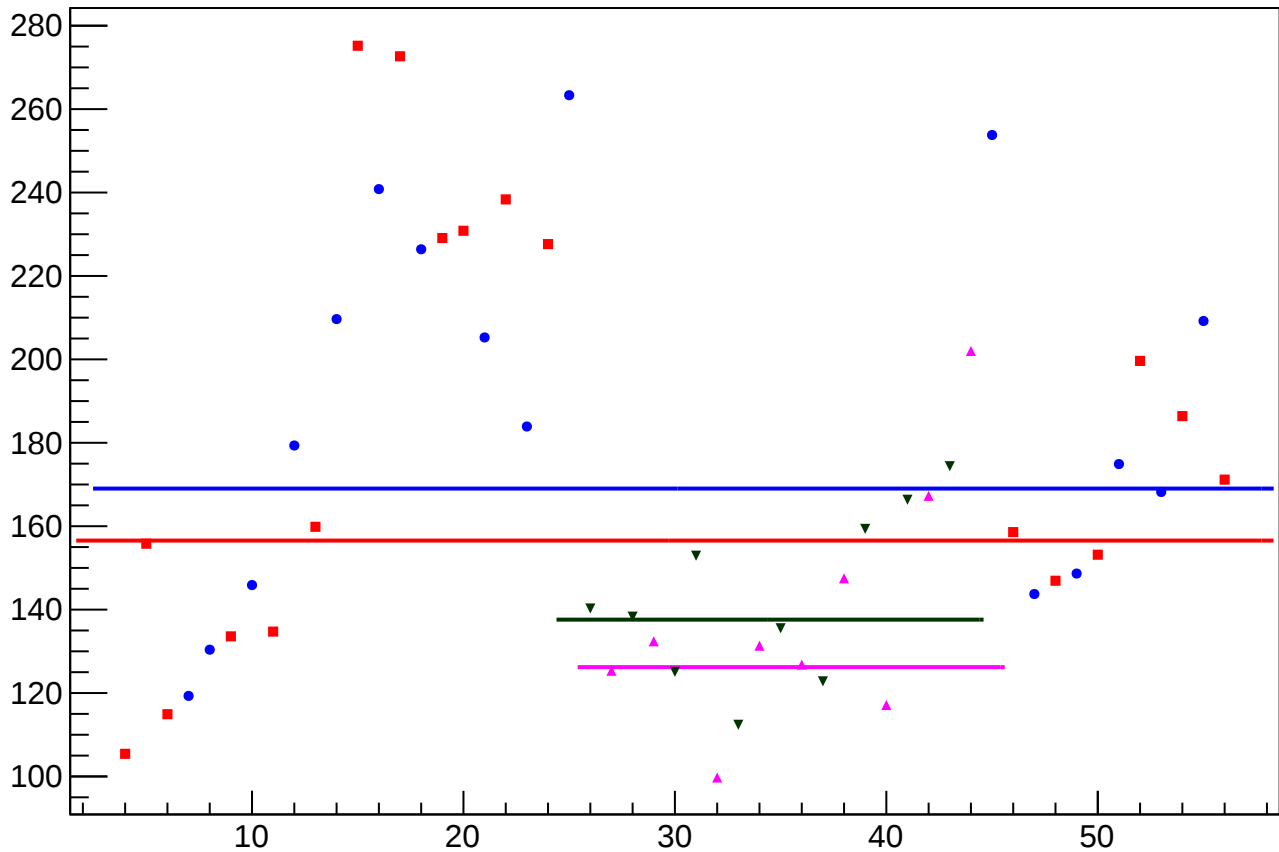
Right Out: 86.533 $\pm$ 53.273 χ^2 /NDF: 4.8/17

Left In: -34.328 $\pm$ 54.542 χ^2 /NDF:1.3/8

58.454 $\pm$ 40.849 χ^2 /NDF: 9.5/25

27.525 $\pm$ 38.111 χ^2 /NDF: 8.7/26

asym_bcm_dg_us_rms vs slug



Right In: 169.025+/-0.039 χ^2/NDF : 909291.1/15

Left Out: 137.600+/-0.043 χ^2/NDF :183507.0/9

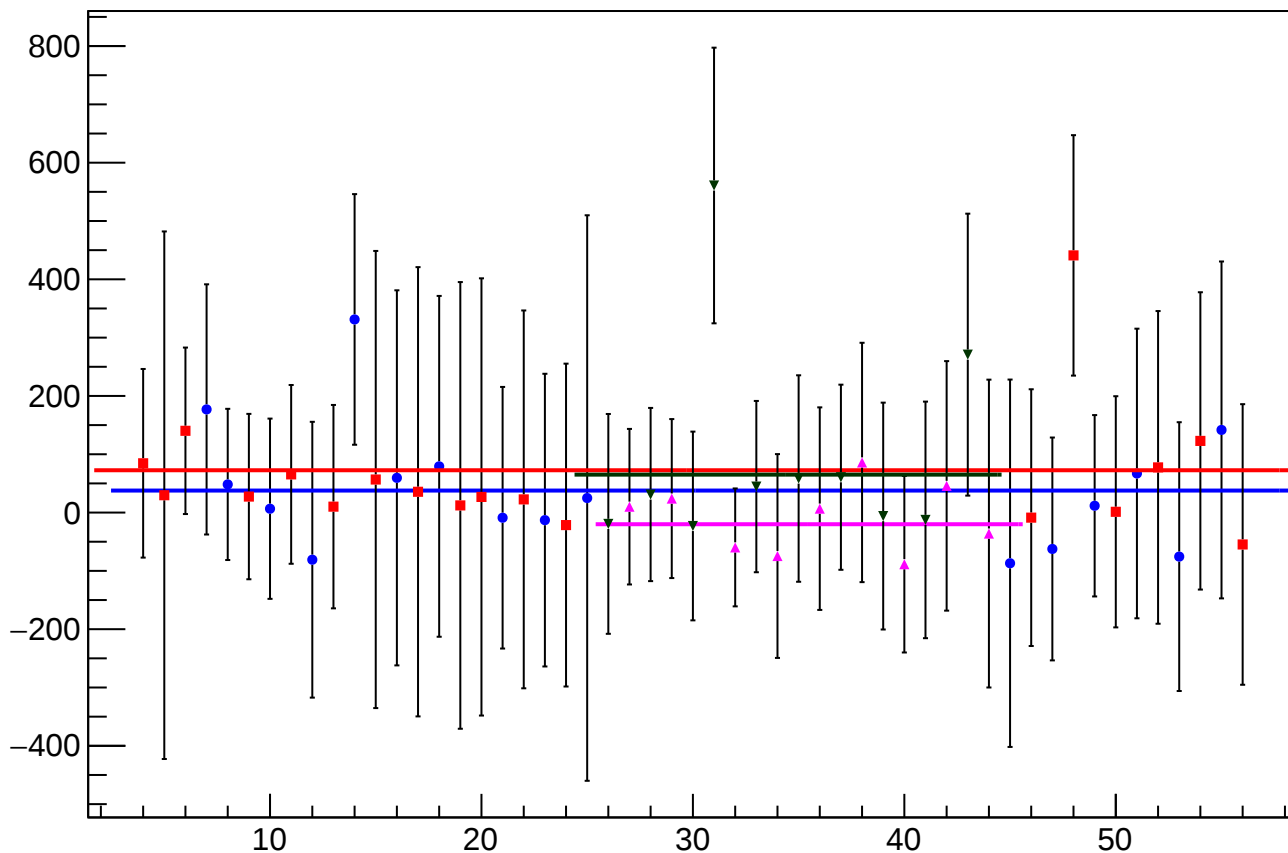
154.550+/-0.029 χ^2/NDF : 1386864.7/25

Right Out: 156.557+/-0.038 χ^2/NDF : 1273691.2/17

141.742+/-0.027 χ^2/NDF : 1953137.9/26

Left In: 126.212+/-0.039 χ^2/NDF :362614.3/8

asym_bcm_dg_ds_mean vs slug



Right In: 37.745+/-53.465 χ^2/NDF : 3.5/15

Left Out: 65.067+/-56.313 χ^2/NDF : 6.0/9

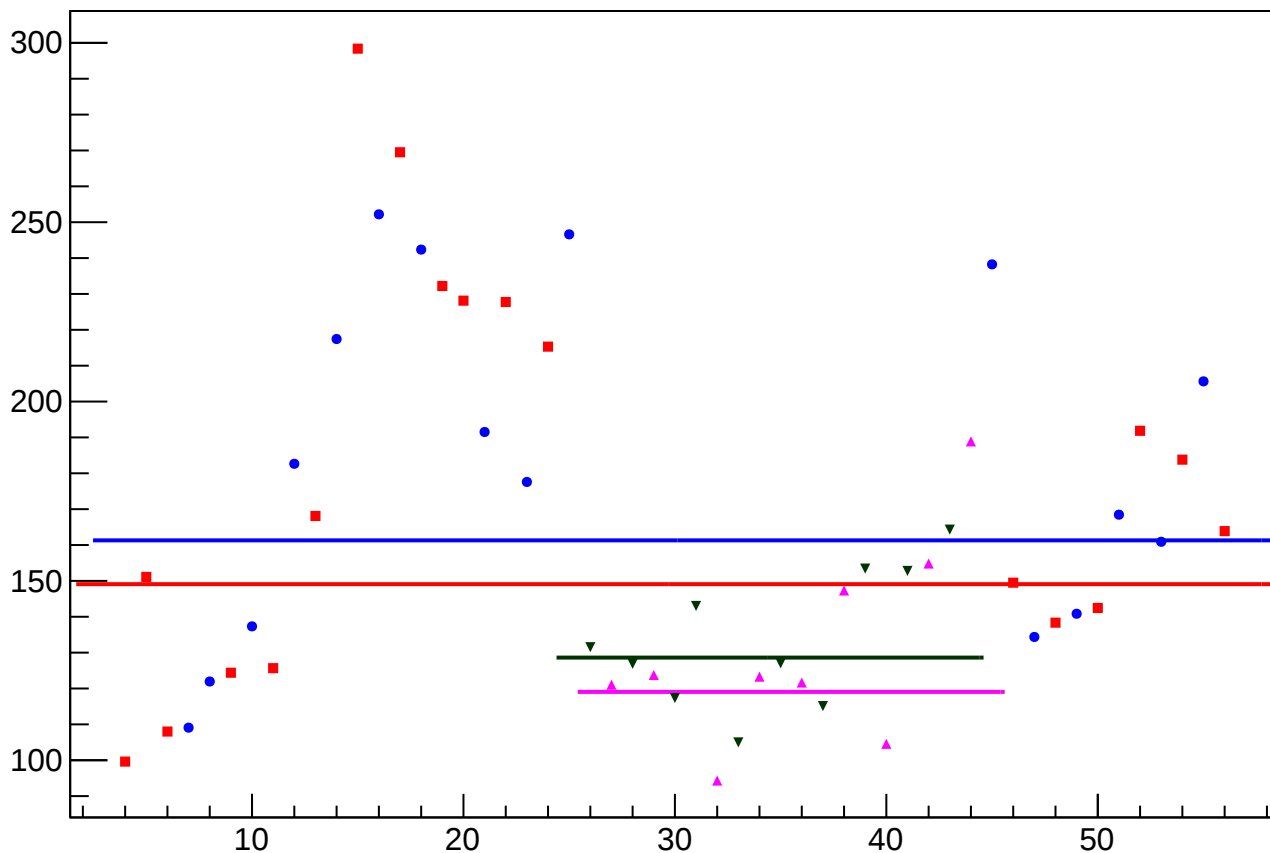
Right Out: 72.563+/-51.078 χ^2/NDF : 4.4/17

Left In: -19.993+/-51.483 χ^2/NDF : 1.0/8

50.698+/-38.773 χ^2/NDF : 9.6/25

26.650+/-36.260 χ^2/NDF : 7.1/26

asym_bcm_dg_ds_rms vs slug



Right In: 161.299 ± 0.038 χ^2/NDF : 1166312.6/15

Left Out: 128.616 ± 0.040 χ^2/NDF : 188850.5/9

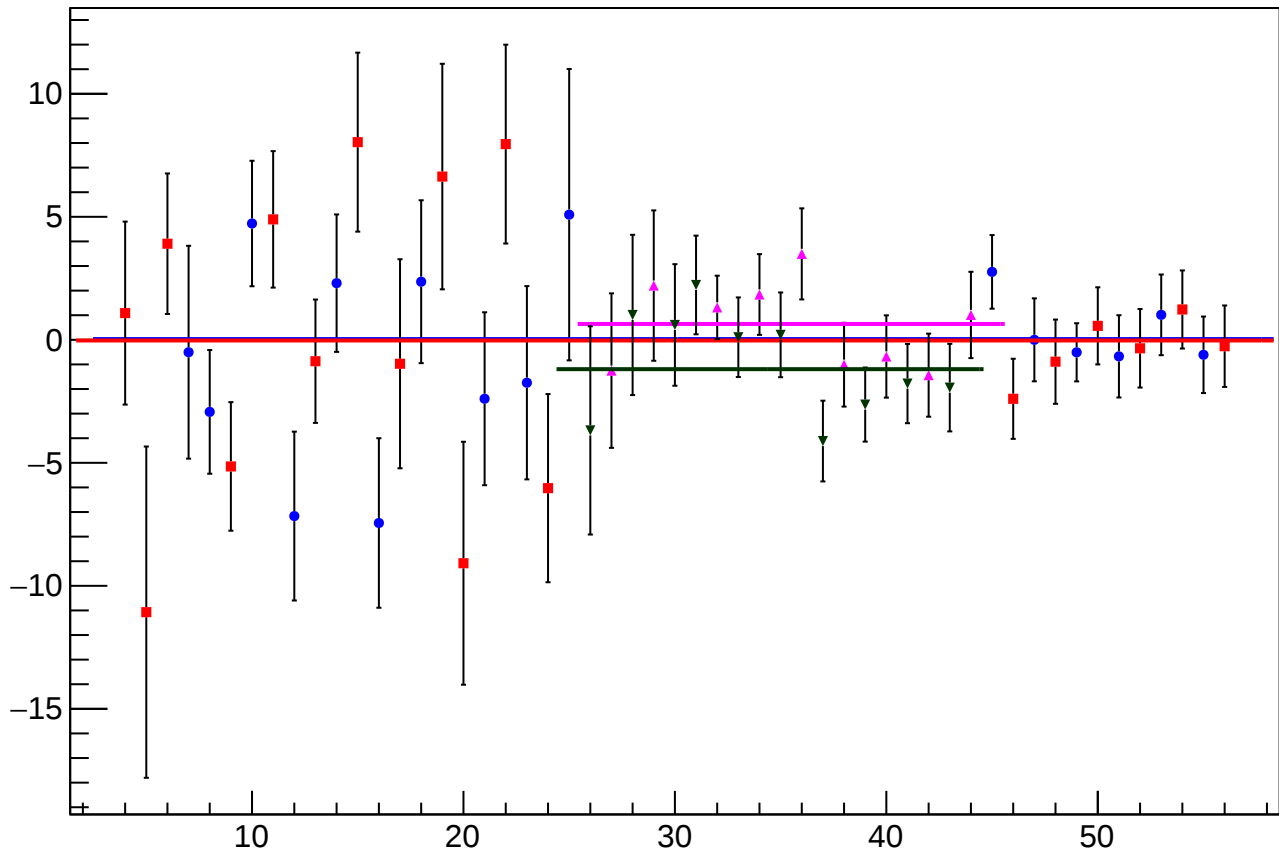
Right Out: 149.090 ± 0.036 χ^2/NDF : 1488046.8/17

Left In: 119.054 ± 0.036 χ^2/NDF : 376220.0/8

145.805 ± 0.027 χ^2/NDF : 1709459.2/25

134.191 ± 0.026 χ^2/NDF : 2207319.3/26

asym_cav4bQ_mean vs slug



Right In: 0.030 ± 0.528 χ^2/NDF : 20.7/15

Left Out: -1.193 ± 0.598 χ^2/NDF : 9.9/9

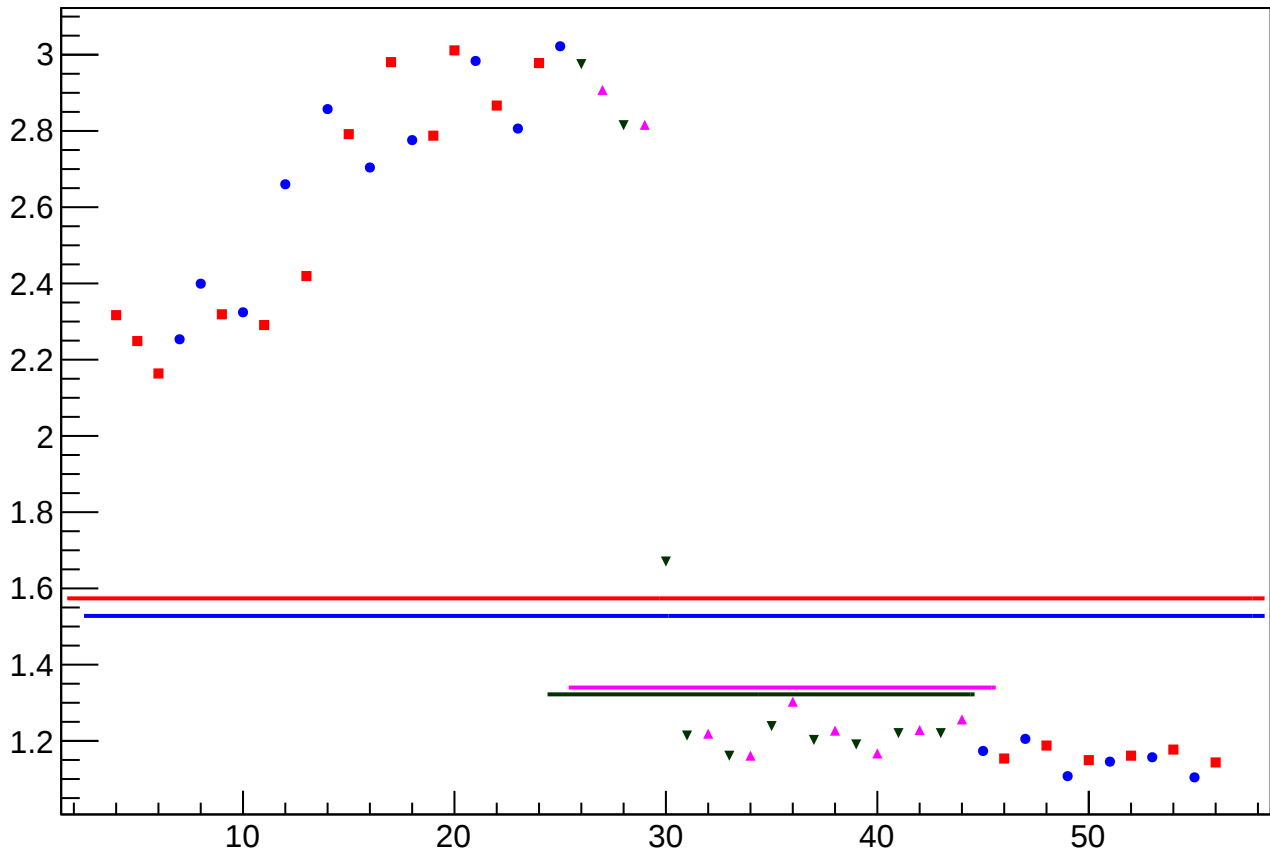
Right Out: -0.027 ± 0.552 χ^2/NDF : 31.8/17

Left In: 0.645 ± 0.592 χ^2/NDF : 6.9/8

-0.506 ± 0.396 χ^2/NDF : 33.0/25

0.286 ± 0.404 χ^2/NDF : 39.4/26

asym_cav4bQ_rms vs slug



Right In: 1.528+/-0.000 χ^2/NDF : 3155206.3/15

Left Out: 1.322+/-0.000 χ^2/NDF :835682.2/9

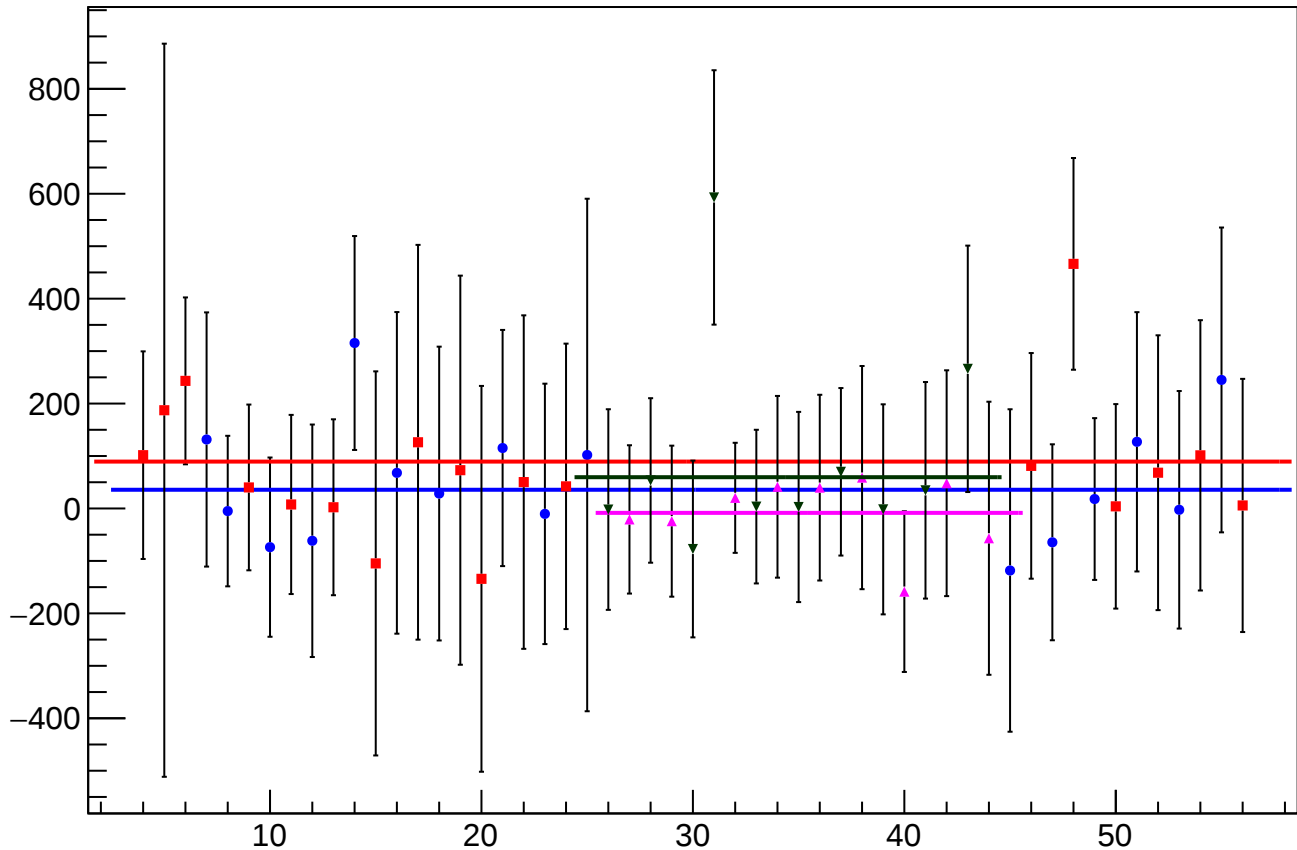
1.438+/-0.000 χ^2/NDF : 4123865.6/25

Right Out: 1.574+/-0.000 χ^2/NDF : 2711529.4/17

1.465+/-0.000 χ^2/NDF : 3929255.8/26

Left In: 1.340+/-0.000 χ^2/NDF :1050714.6/8

asym_cav4cQ_mean vs slug



Right In: 35.671+/-54.491 χ^2/NDF : 4.1/15

Left Out: 59.618+/-57.448 χ^2/NDF : 6.7/9

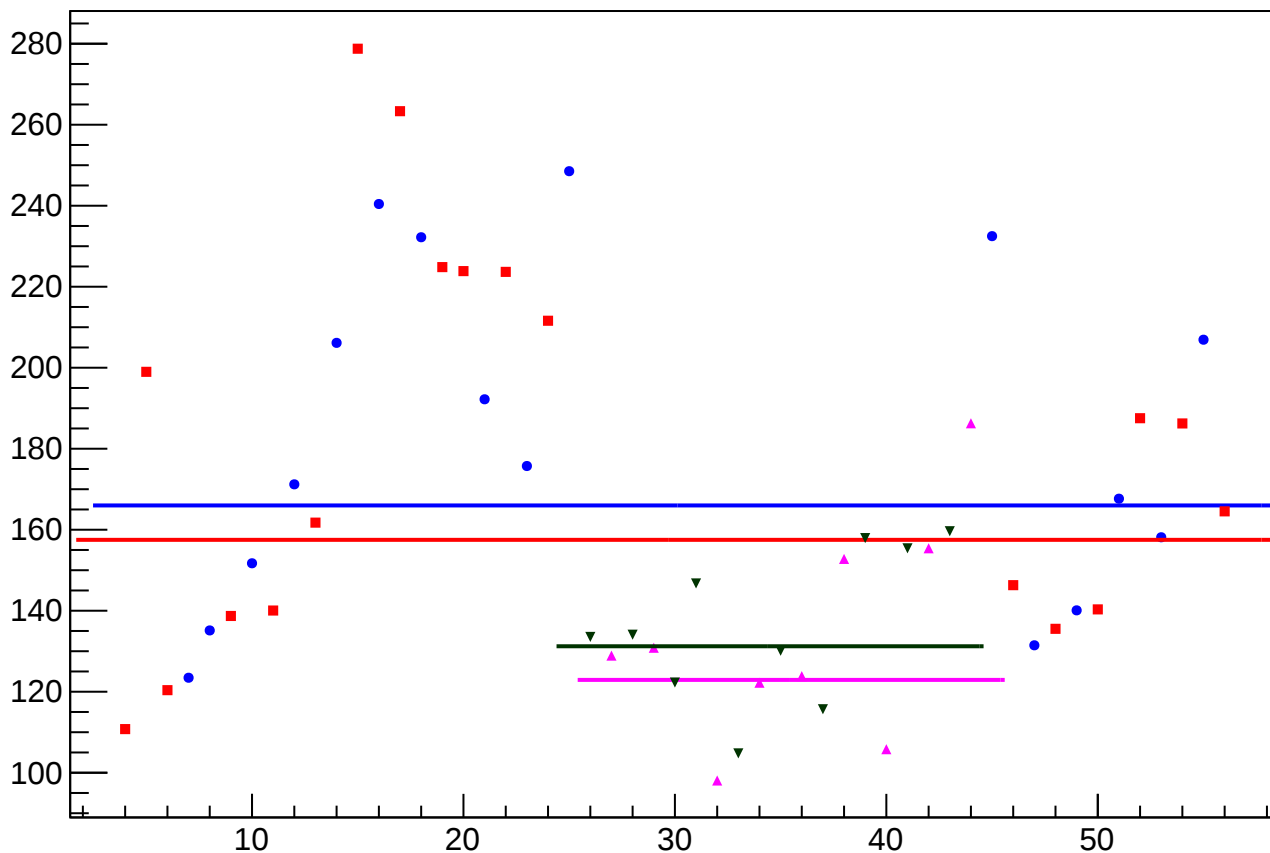
Right Out: 89.383+/-53.540 χ^2/NDF : 6.1/17

Left In: -8.384+/-53.045 χ^2/NDF : 1.4/8

47.012+/-39.535 χ^2/NDF : 11.0/25

40.045+/-37.682 χ^2/NDF : 9.2/26

asym_cav4cQ_rms vs slug



Right In: 165.995+/-0.039 χ^2/NDF : 824185.8/15

Left Out: 131.224+/-0.041 χ^2/NDF :191308.6/9

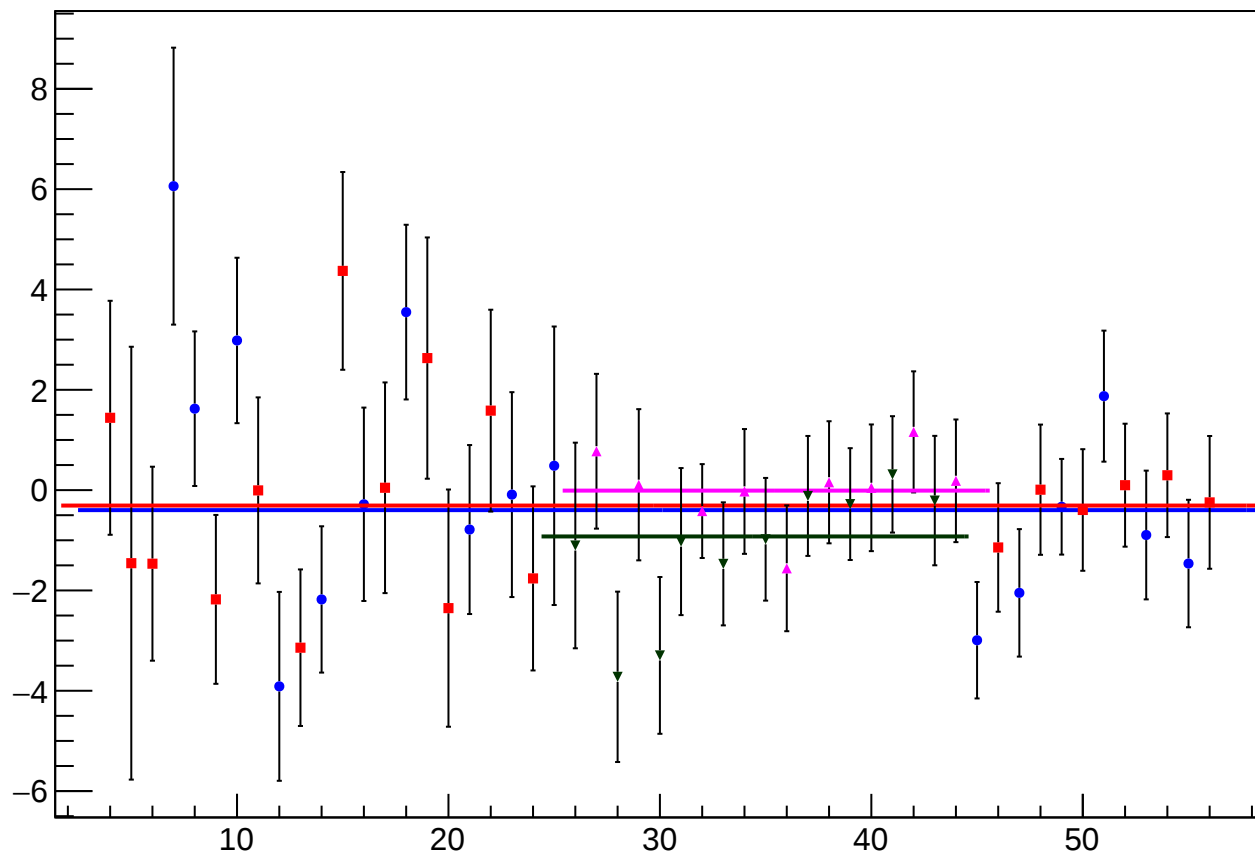
Right Out: 157.502+/-0.038 χ^2/NDF : 1049671.0/17

Left In: 122.920+/-0.038 χ^2/NDF :350338.0/8

149.527+/-0.028 χ^2/NDF : 1401172.0/25

140.051+/-0.027 χ^2/NDF : 1821076.0/26

asym_cav4dQ_mean vs slug



Right In: -0.399 ± 0.371 χ^2/NDF : 32.3/15

Left Out: -0.924 ± 0.421 χ^2/NDF : 7.5/9

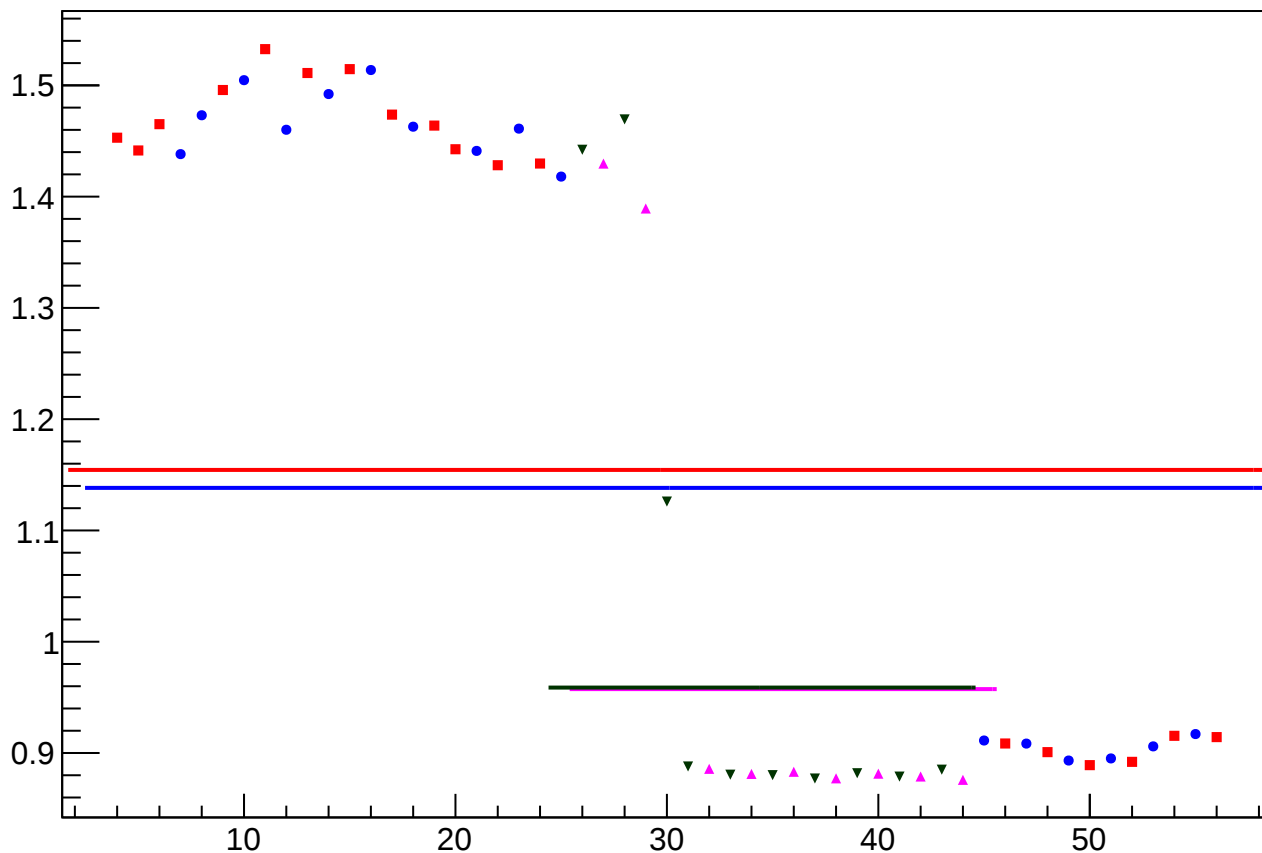
Right Out: -0.308 ± 0.386 χ^2/NDF : 15.8/17

Left In: -0.010 ± 0.410 χ^2/NDF : 3.0/8

-0.628 ± 0.278 χ^2/NDF : 40.6/25

-0.168 ± 0.281 χ^2/NDF : 19.1/26

asym_cav4dQ_rms vs slug



Right In: 1.138+/-0.000 χ^2/NDF : 1142710.8/15

Left Out: 0.959+/-0.000 χ^2/NDF :370902.6/9

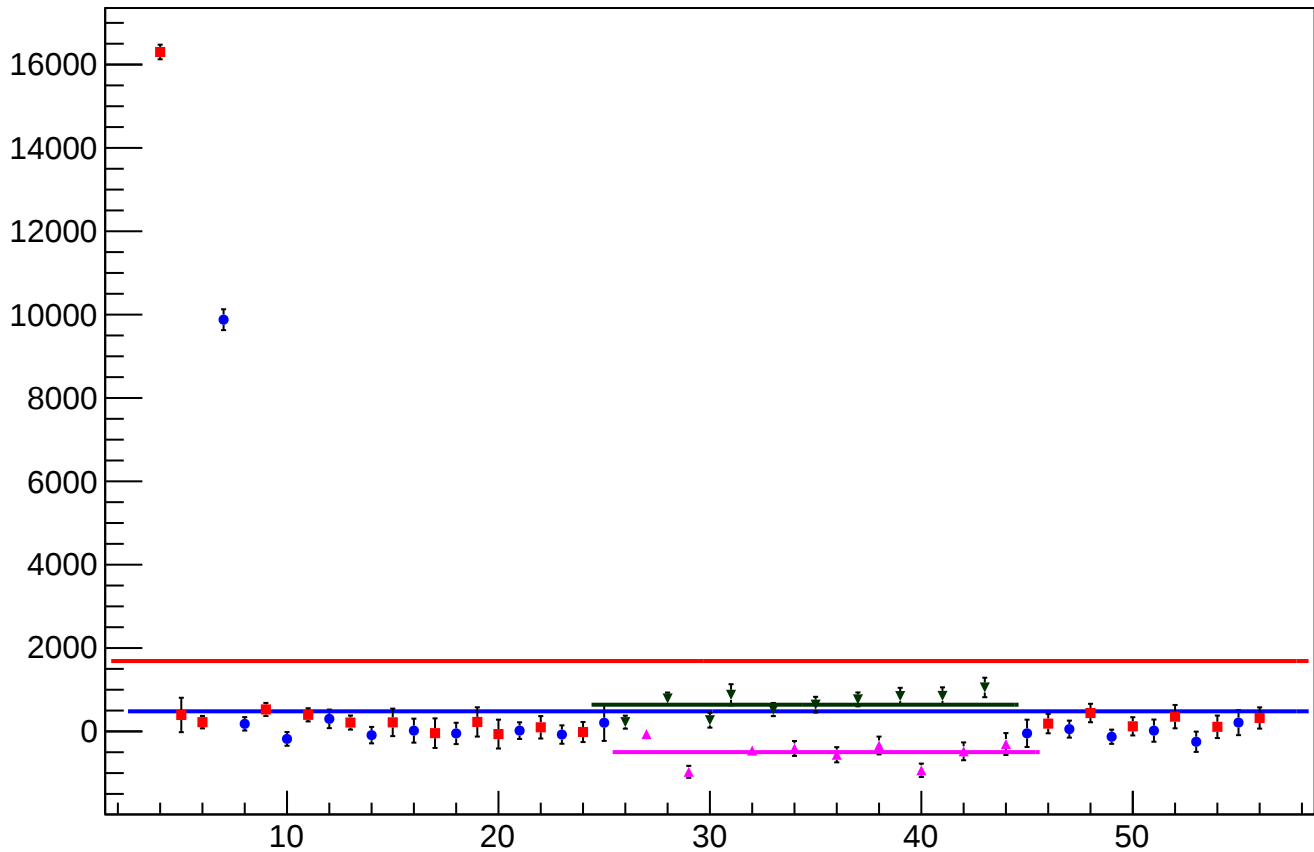
Right Out: 1.154+/-0.000 χ^2/NDF : 1099581.6/17

Left In: 0.957+/-0.000 χ^2/NDF :411162.2/8

1.060+/-0.000 χ^2/NDF : 1718163.8/25

1.062+/-0.000 χ^2/NDF : 1755401.3/26

asym_bcm0l02_mean vs slug



Right In: 481.830+/-55.466 χ^2/NDF : 1493.7/15

Left Out: 640.376+/-56.927 χ^2/NDF :19.9/9

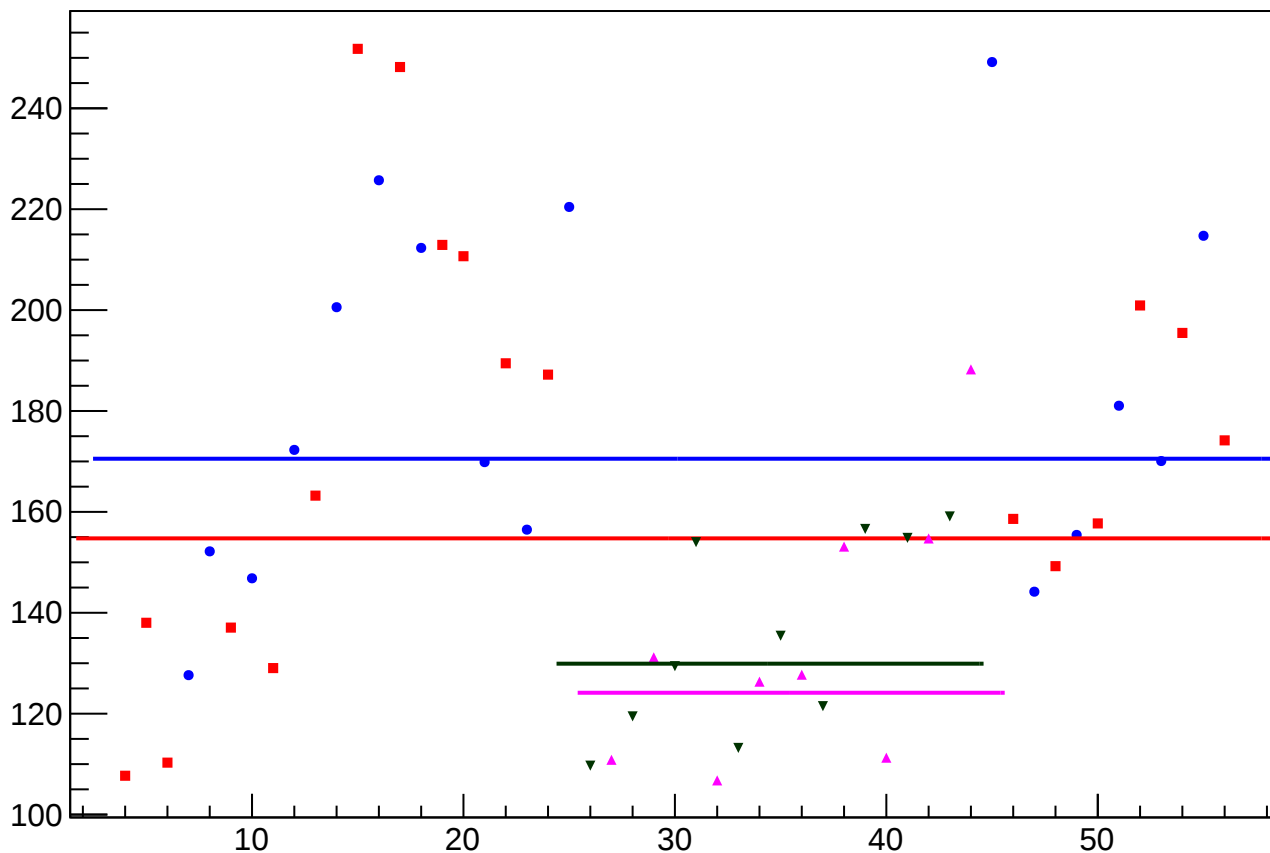
559.043+/-39.727 χ^2/NDF : 1517.6/25

Right Out: 1688.366+/-52.331 χ^2/NDF : 7621.1/17

616.100+/-37.347 χ^2/NDF : 8509.1/26

Left In: -496.812+/-53.314 χ^2/NDF :32.4/8

asym_bcm0l02_rms vs slug



Right In: 170.537 ± 0.039 χ^2/NDF : 543929.2/15

Left Out: 129.911 ± 0.040 χ^2/NDF : 188039.4/9

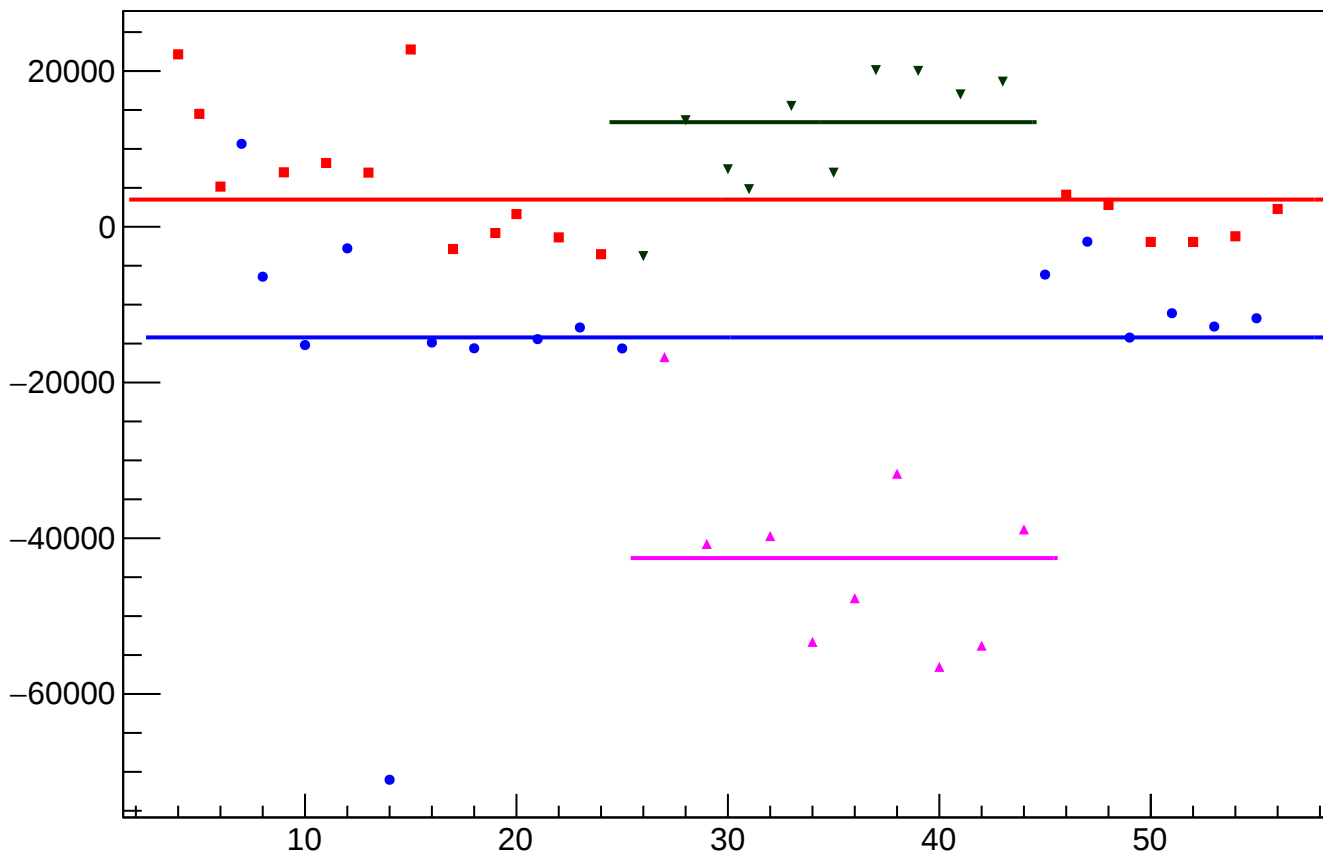
Right Out: 154.749 ± 0.037 χ^2/NDF : 1009746.6/17

Left In: 124.148 ± 0.038 χ^2/NDF : 285531.8/8

150.752 ± 0.028 χ^2/NDF : 1254504.3/25

139.733 ± 0.026 χ^2/NDF : 1630841.8/26

asym_bpm2i01WS_mean vs slug



Right In: -14207.222+/-34.667 χ^2/NDF : 220644.3/15

Left Out: 13435.021+/-42.371 χ^2/NDF :28229.6/9

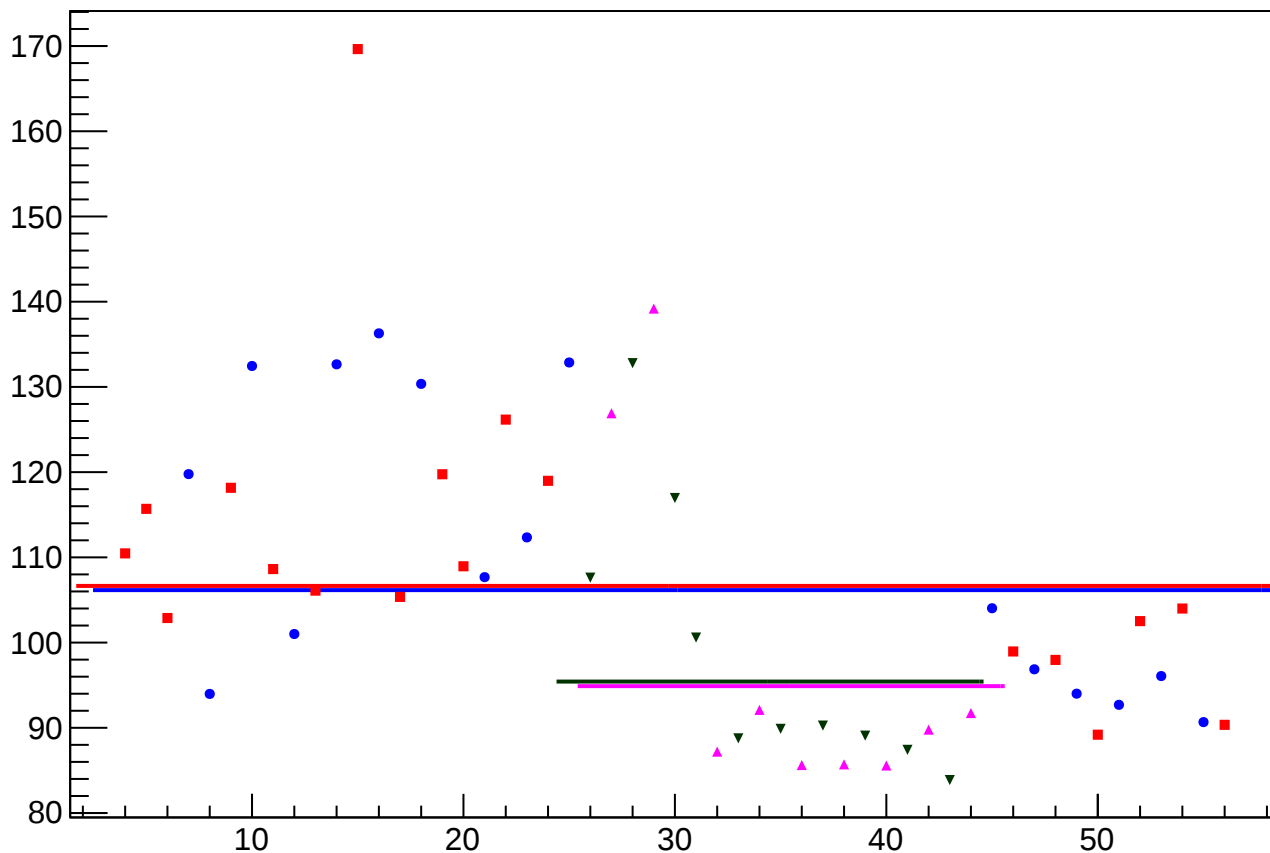
Right Out: 3496.561+/-35.691 χ^2/NDF : 31113.3/17

Left In: -42544.240+/-41.432 χ^2/NDF :71406.7/8

-3123.308+/-26.831 χ^2/NDF : 503818.0/25

-16115.103+/-27.041 χ^2/NDF : 811356.4/26

asym_bpm2i01WS_rms vs slug



Right In: 106.156+/-0.025 χ^2/NDF : 402709.9/15

Left Out: 95.426+/-0.030 χ^2/NDF :200660.2/9

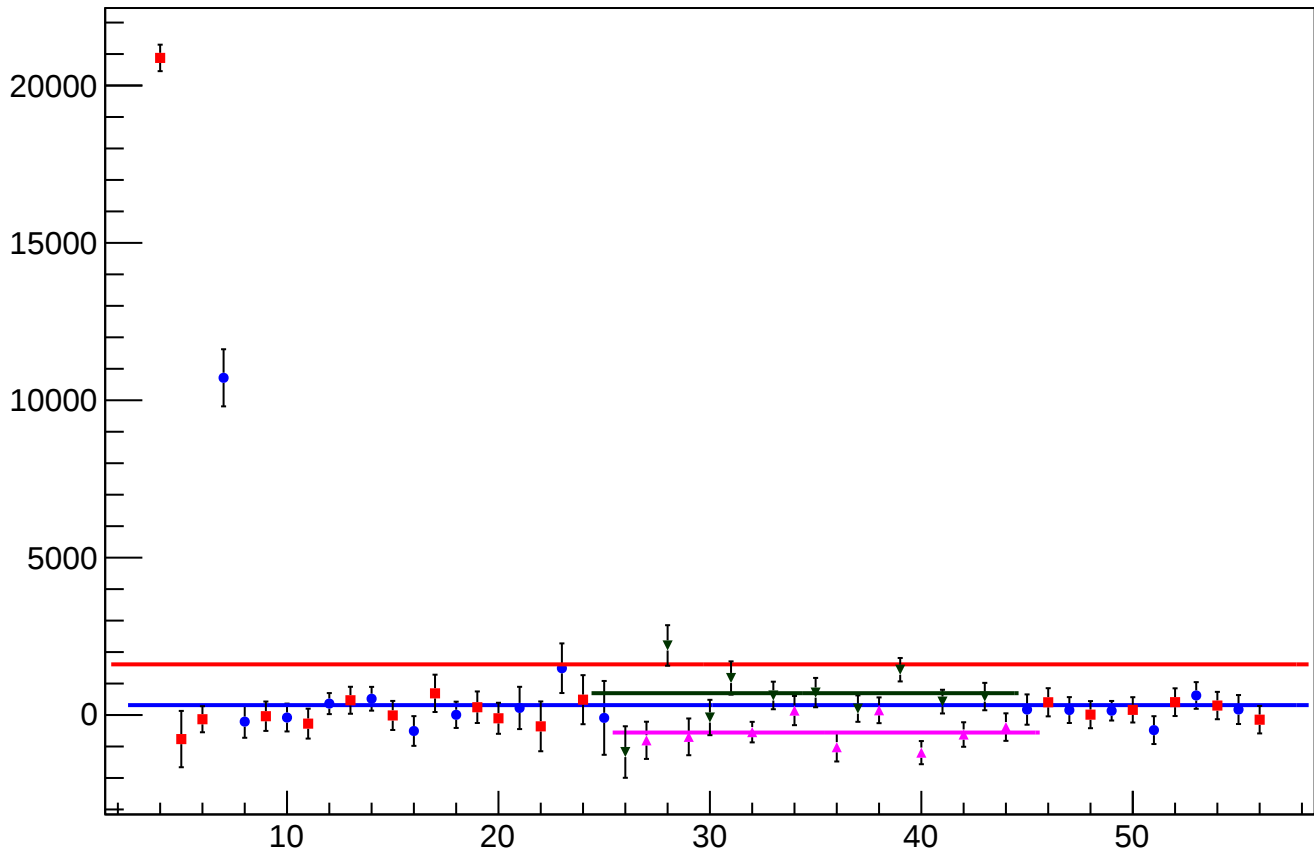
Right Out: 106.650+/-0.025 χ^2/NDF : 294819.1/17

Left In: 94.889+/-0.029 χ^2/NDF :314634.4/8

101.853+/-0.019 χ^2/NDF : 680201.2/25

101.640+/-0.019 χ^2/NDF : 701955.8/26

asym_bpm0i07WS_mean vs slug



Right In: 314.585 ± 114.066 χ^2/NDF : 143.8/15

Left Out: 693.815 ± 147.932 χ^2/NDF : 19.5/9

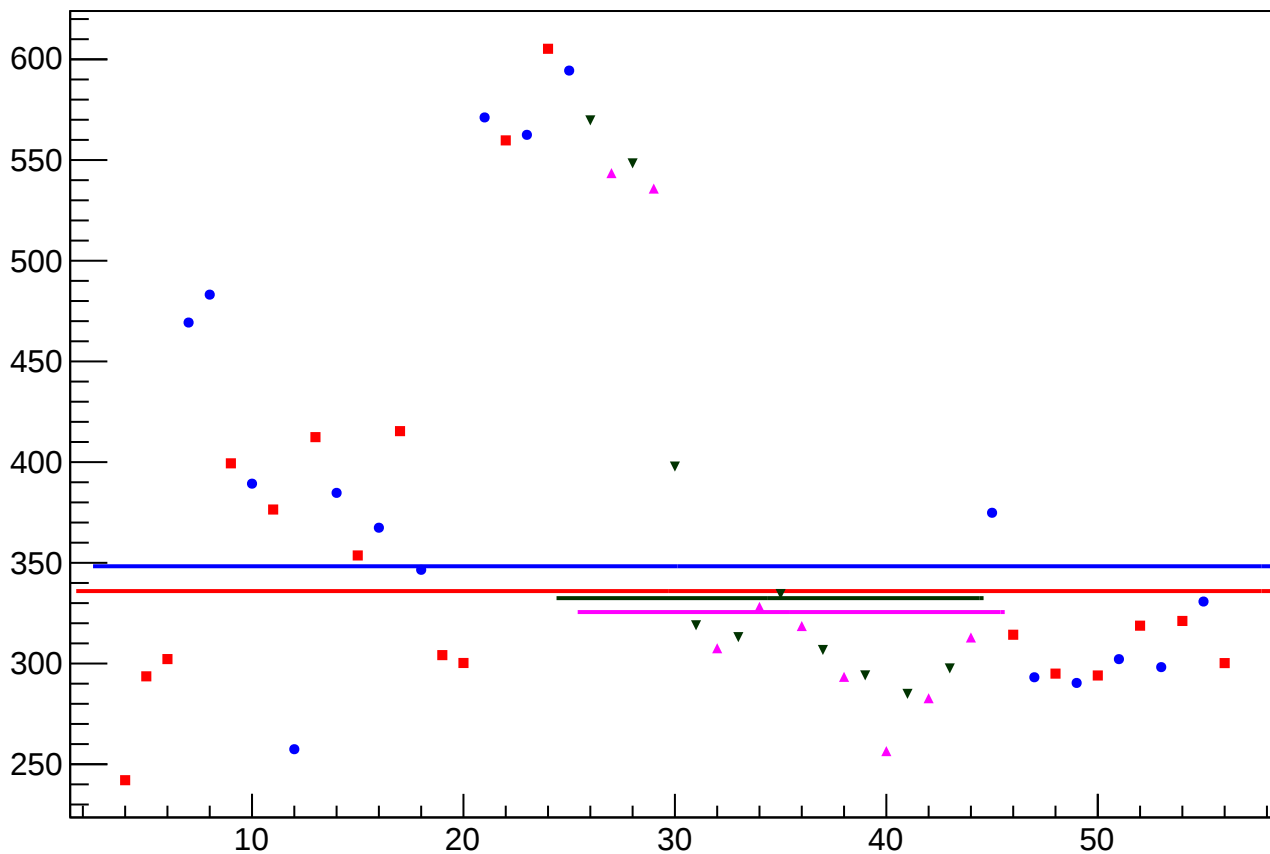
455.986 ± 90.331 χ^2/NDF : 167.4/25

Right Out: 1609.552 ± 112.975 χ^2/NDF : 2266.8/17

766.957 ± 88.309 χ^2/NDF : 2419.5/26

Left In: -556.564 ± 141.592 χ^2/NDF : 9.7/8

asym_bpm0i07WS_rms vs slug



Right In: 348.297 $\pm$ 0.081 χ^2 /NDF: 981093.2/15

Left Out: 332.466 $\pm$ 0.105 χ^2 /NDF: 498518.7/9

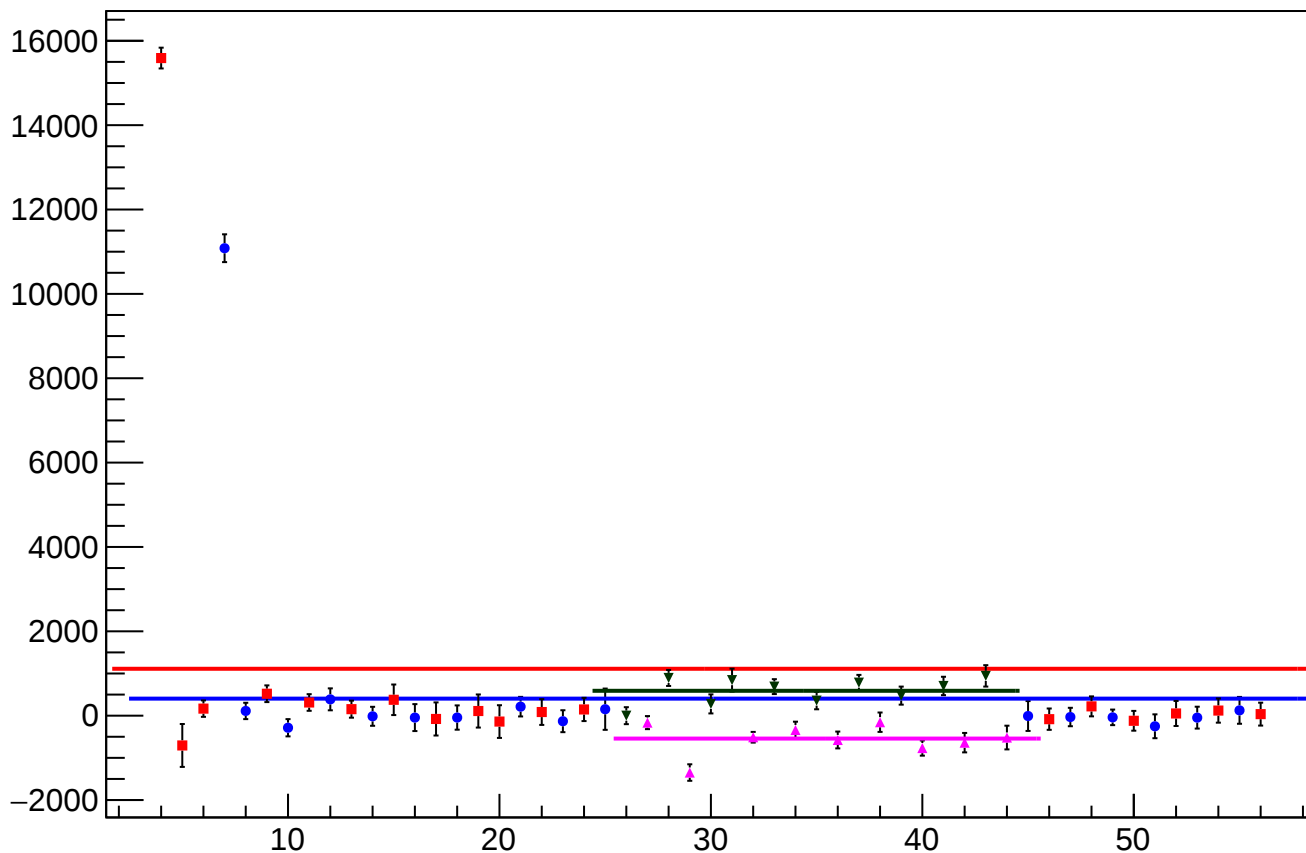
Right Out: 335.974 $\pm$ 0.080 χ^2 /NDF: 752085.4/17

Left In: 325.557 $\pm$ 0.100 χ^2 /NDF: 646591.2/8

342.394 $\pm$ 0.064 χ^2 /NDF: 1493975.6/25

331.922 $\pm$ 0.062 χ^2 /NDF: 1405291.0/26

asym_bpm0l01WS_mean vs slug



Right In: 404.111 $\pm$ 63.334 χ^2 /NDF: 1096.3/15

Left Out: 589.690 $\pm$ 66.057 χ^2 /NDF:19.1/9

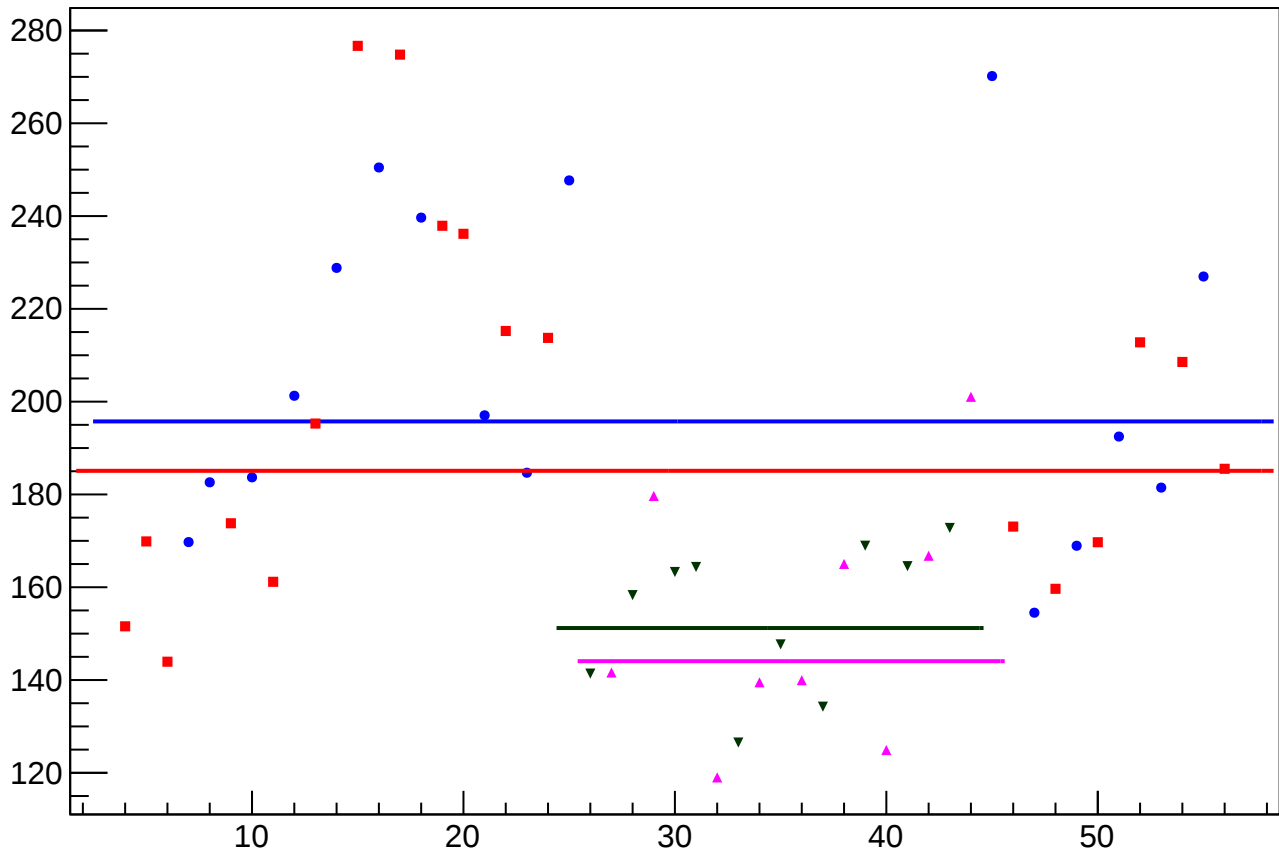
Right Out: 1111.944 $\pm$ 61.751 χ^2 /NDF: 3695.8/17

Left In: -542.908 $\pm$ 61.747 χ^2 /NDF:28.6/8

492.996 $\pm$ 45.716 χ^2 /NDF: 1119.6/25

284.461 $\pm$ 43.663 χ^2 /NDF: 4083.6/26

asym_bpm0l01WS_rms vs slug



Right In: 195.738 $\pm$ 0.045 χ^2 /NDF: 431798.8/15

Left Out: 151.207 $\pm$ 0.047 χ^2 /NDF:110209.2/9

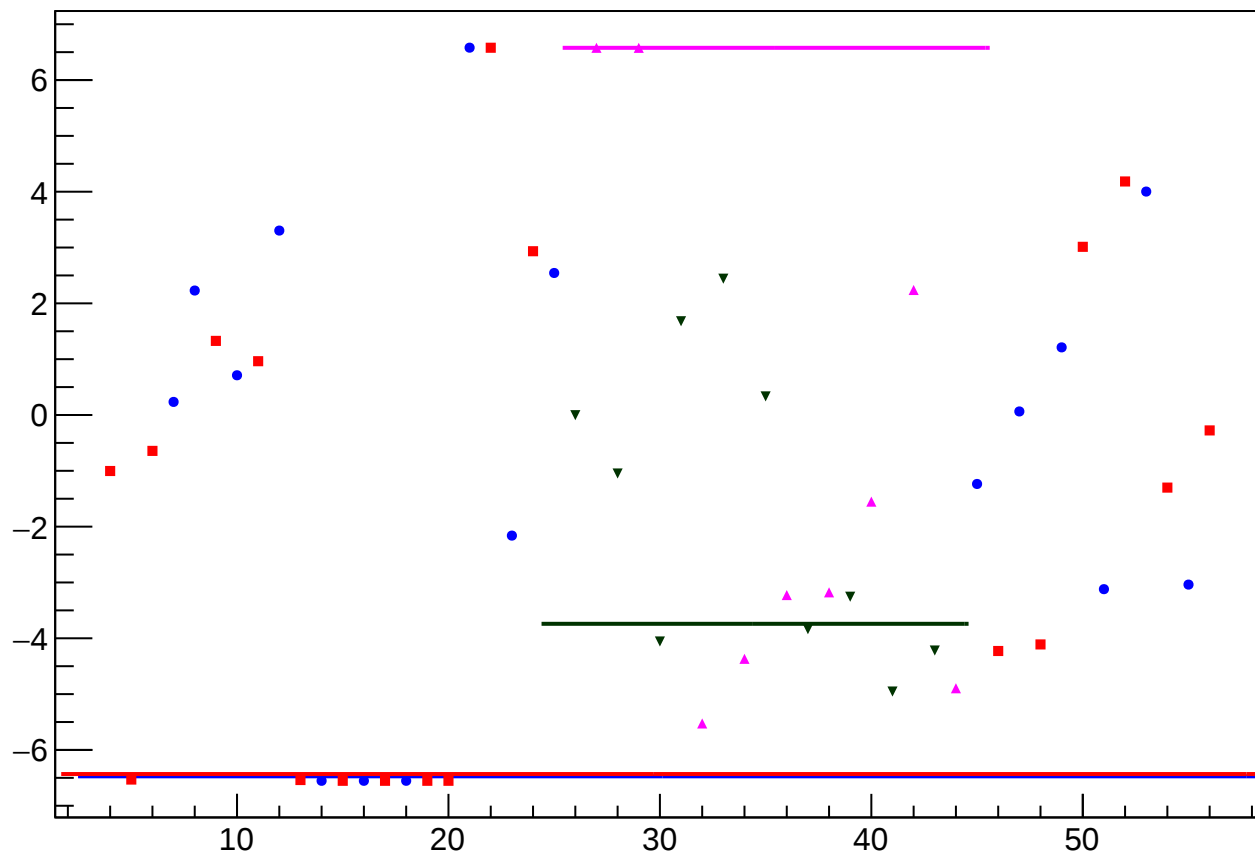
174.409 $\pm$ 0.032 χ^2 /NDF: 1015588.7/25

Right Out: 185.094 $\pm$ 0.044 χ^2 /NDF: 580465.0/17

164.576 $\pm$ 0.031 χ^2 /NDF: 1309777.1/26

Left In: 144.061 $\pm$ 0.044 χ^2 /NDF:287746.6/8

yield_cav4bX_mean vs slug



Right In: -6.473 ± 0.000 χ^2/NDF : 127847945968096.1/15

Left Out: -3.741 ± 0.001 χ^2/NDF : 5731885.1/9

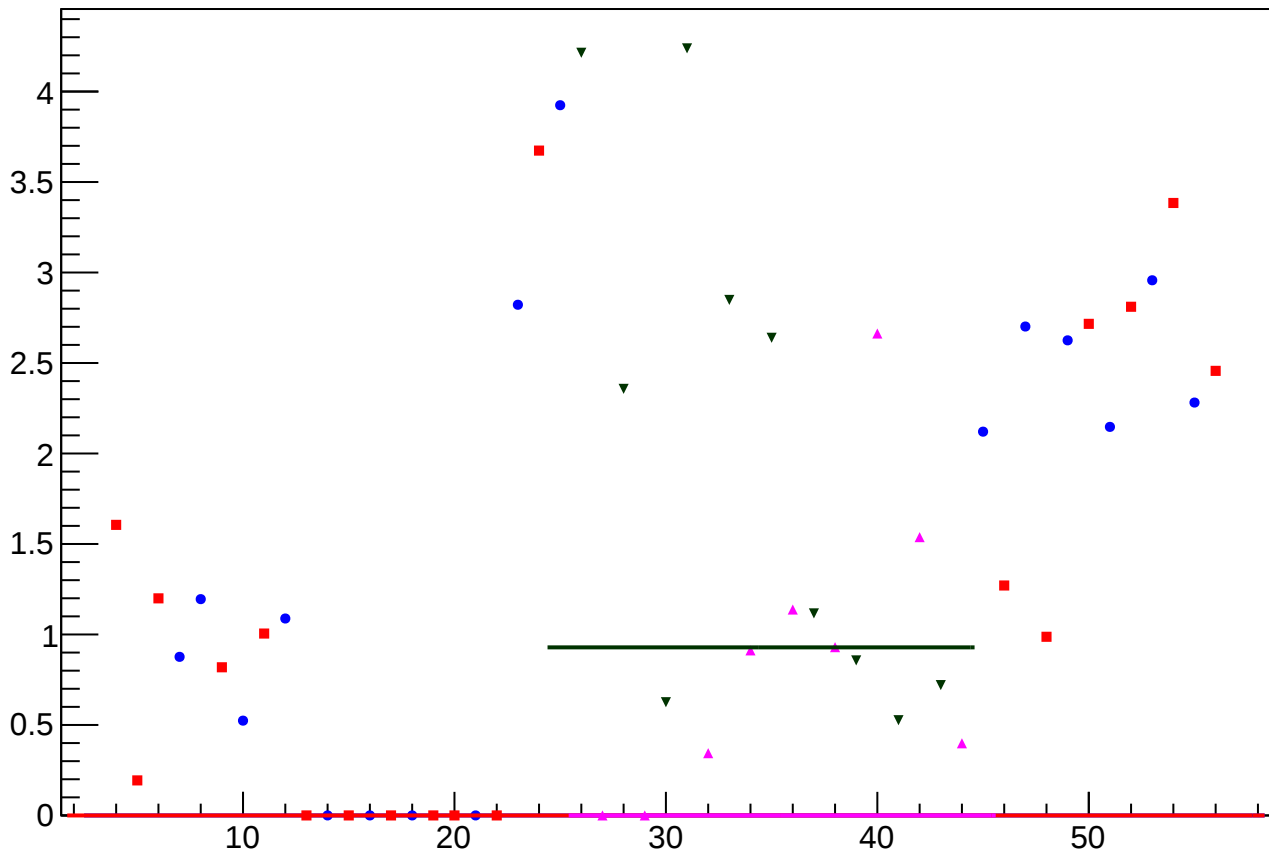
Right Out: -6.432 ± 0.000 χ^2/NDF : 150837618776323.8/17

Left In: 6.578 ± 0.000 χ^2/NDF : 822807717.8/8

-6.473 ± 0.000 χ^2/NDF : 127847970350978.0/2

-6.315 ± 0.000 χ^2/NDF : 297092127918264.4/2

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 9676510.5/15

Left Out: 0.929+/-0.000 χ^2/NDF :2482114.1/9

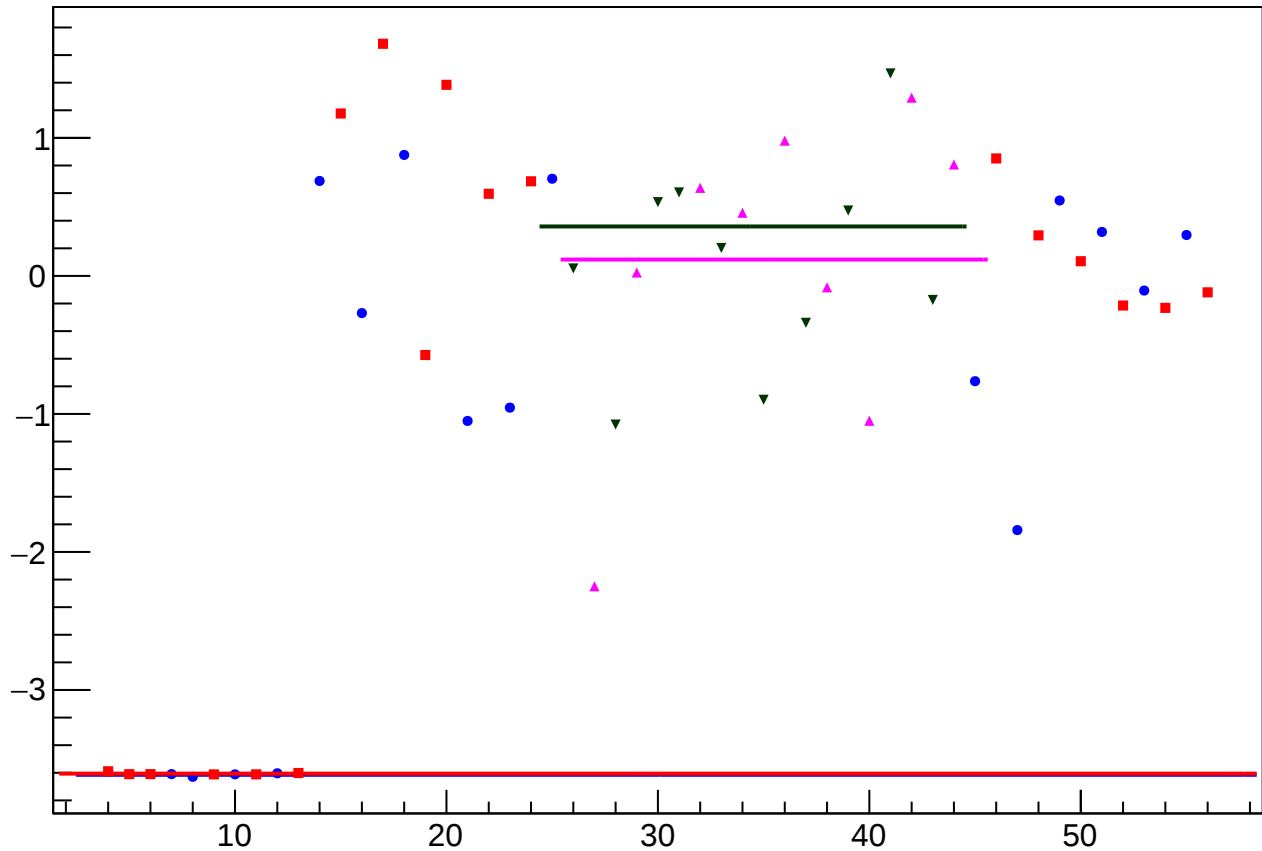
Right Out: 0.000+/-0.000 χ^2/NDF : 8710933.2/17

Left In: 0.000+/-0.000 χ^2/NDF :4631448.1/8

0.000+/-0.000 χ^2/NDF : 16468104.1/25

0.000+/-0.000 χ^2/NDF : 13342475.9/26

yield_cav4bY_mean vs slug



Right In: -3.614 ± 0.000 χ^2/NDF : 49082382322.5/15

-3.614 ± 0.000 χ^2/NDF : 49236623613.6/25

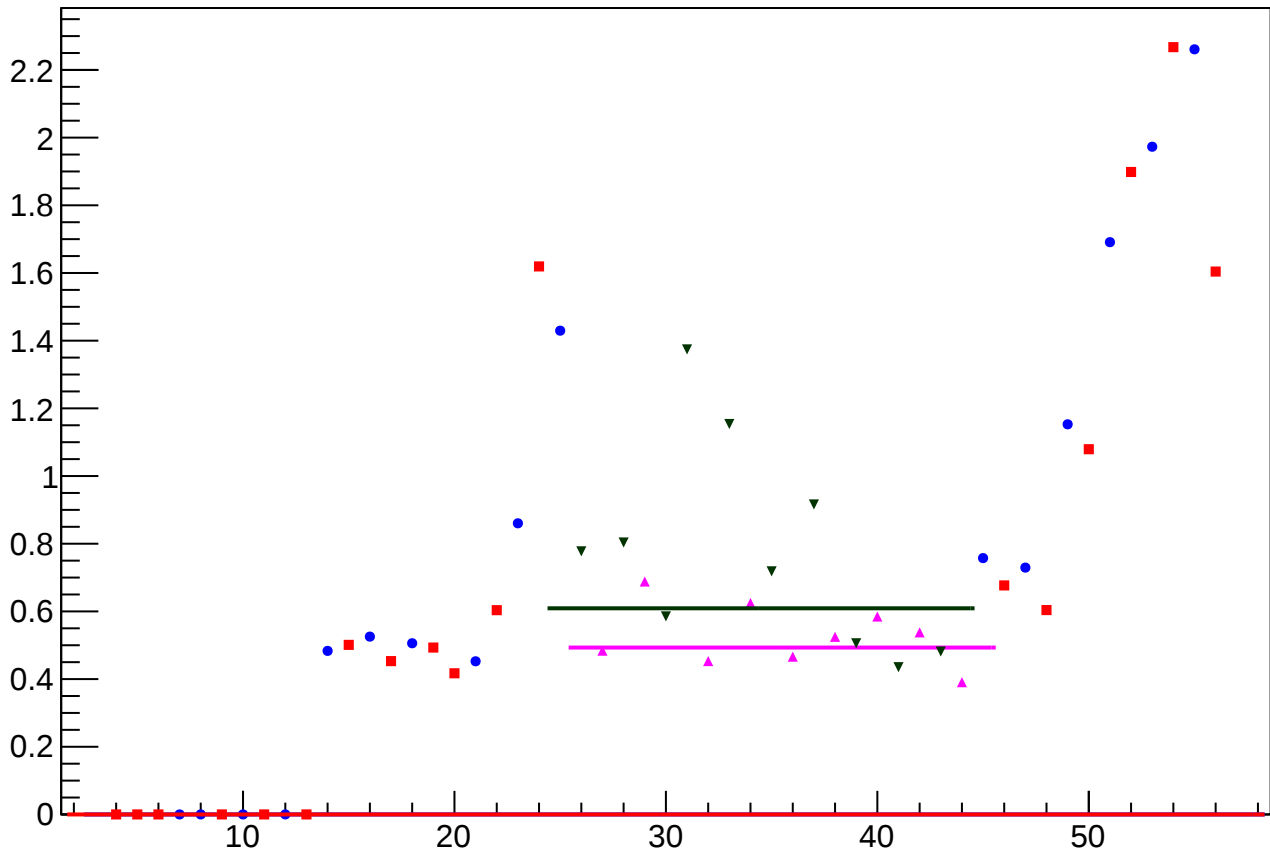
Left Out: 0.358 ± 0.000 χ^2/NDF : 6673360.6/9

Right Out: -3.606 ± 0.000 χ^2/NDF : 37791435962.6/17

-3.606 ± 0.000 χ^2/NDF : 38030957328.7/26

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 : 11271434.0/15

Left Out: 0.609+/-0.000 χ^2/NDF : 799340.0/9

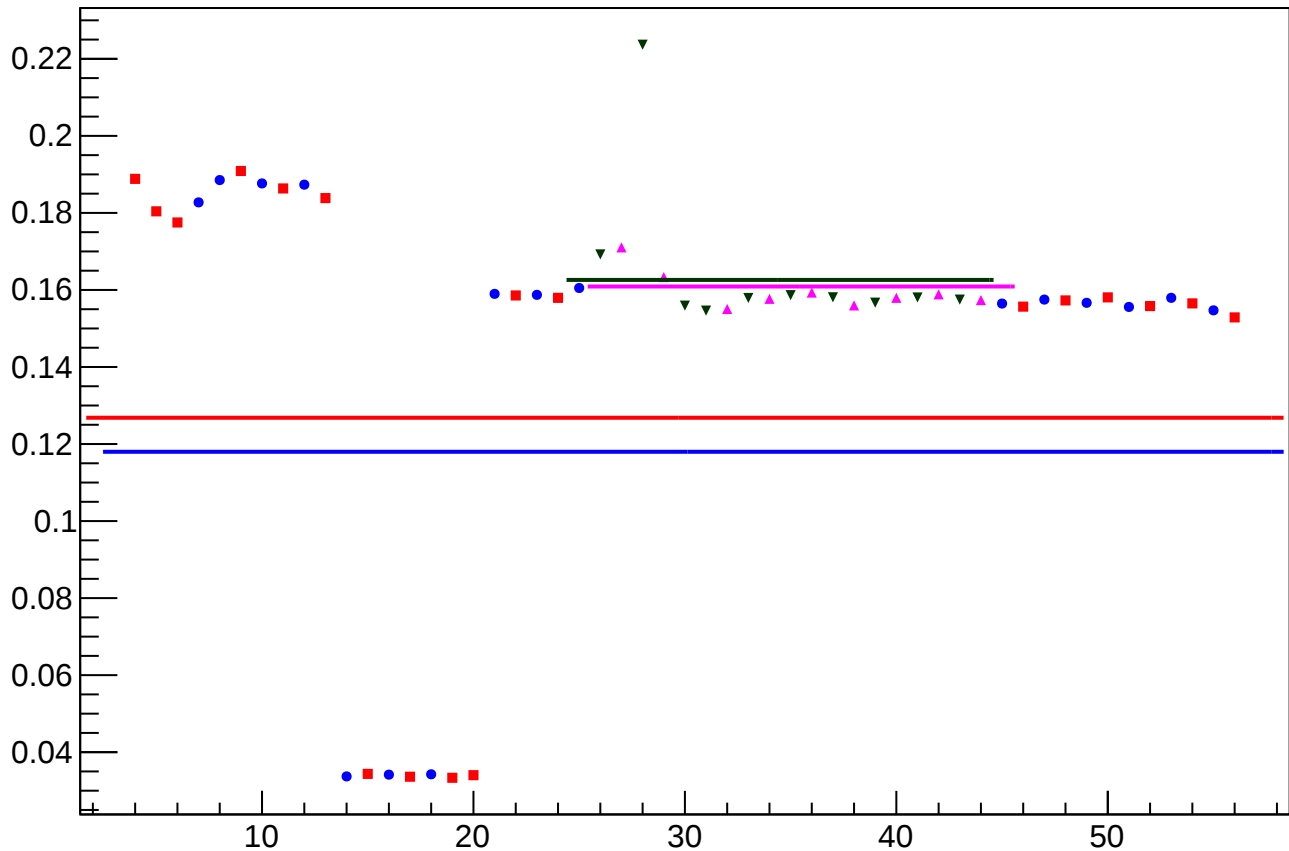
0.000+/-0.000 χ^2/NDF : 19008805.9/25

Right Out: 0.000+/-0.000 χ^2/NDF : 9495857.6/17

0.000+/-0.000 χ^2/NDF : 17400690.9/26

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 : 4932953495.0/15

Left Out: 0.163 $\pm$ 0.000 χ^2/NDF : 101593637.2/9

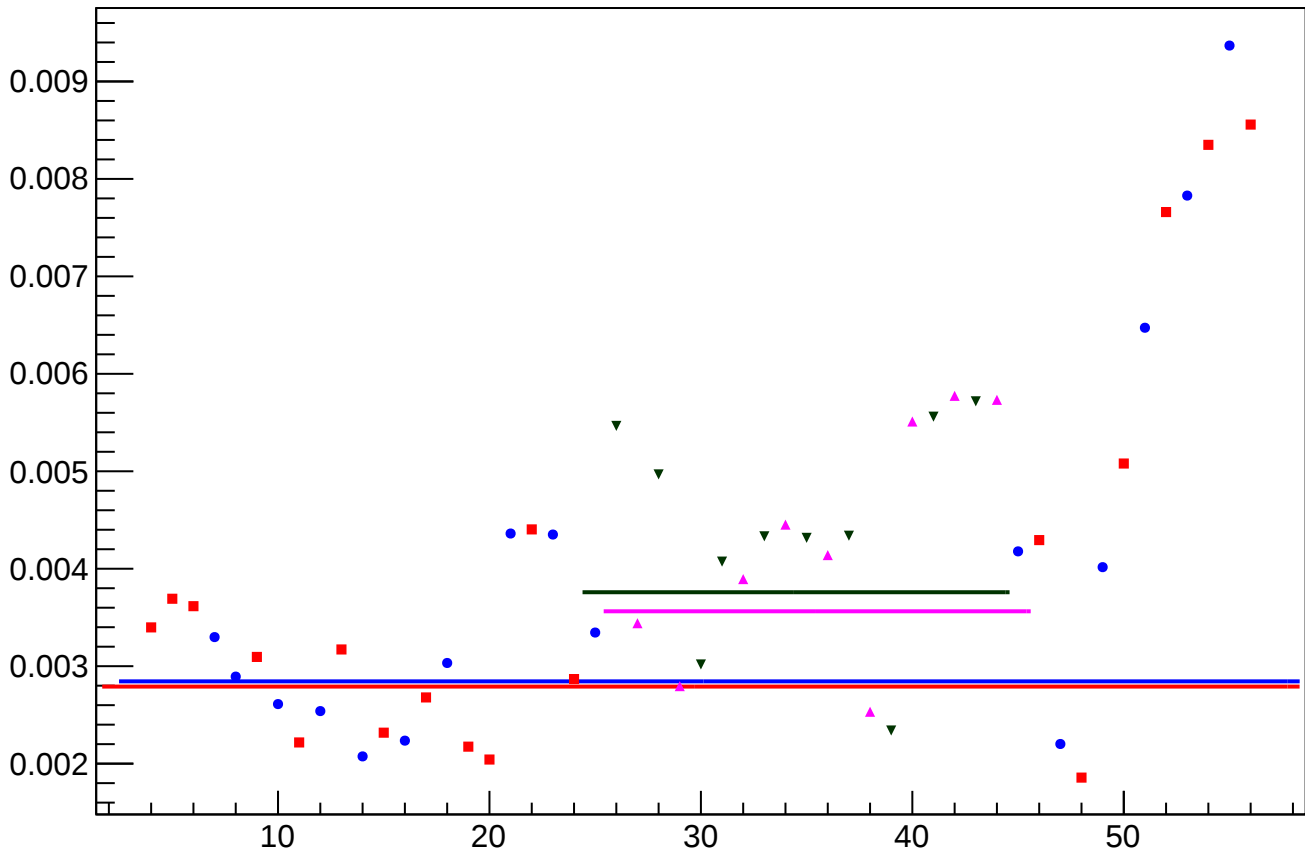
0.129 $\pm$ 0.000 χ^2/NDF : 5524954777.0/25

Right Out: 0.127 $\pm$ 0.000 χ^2/NDF : 4417680774.2/17

0.136 $\pm$ 0.000 χ^2/NDF : 4752359466.3/26

Left In: 0.161 $\pm$ 0.000 χ^2/NDF : 11671584.7/8

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 2185637.3/15

Left Out: 0.004+/-0.000 χ^2/NDF :884952.0/9

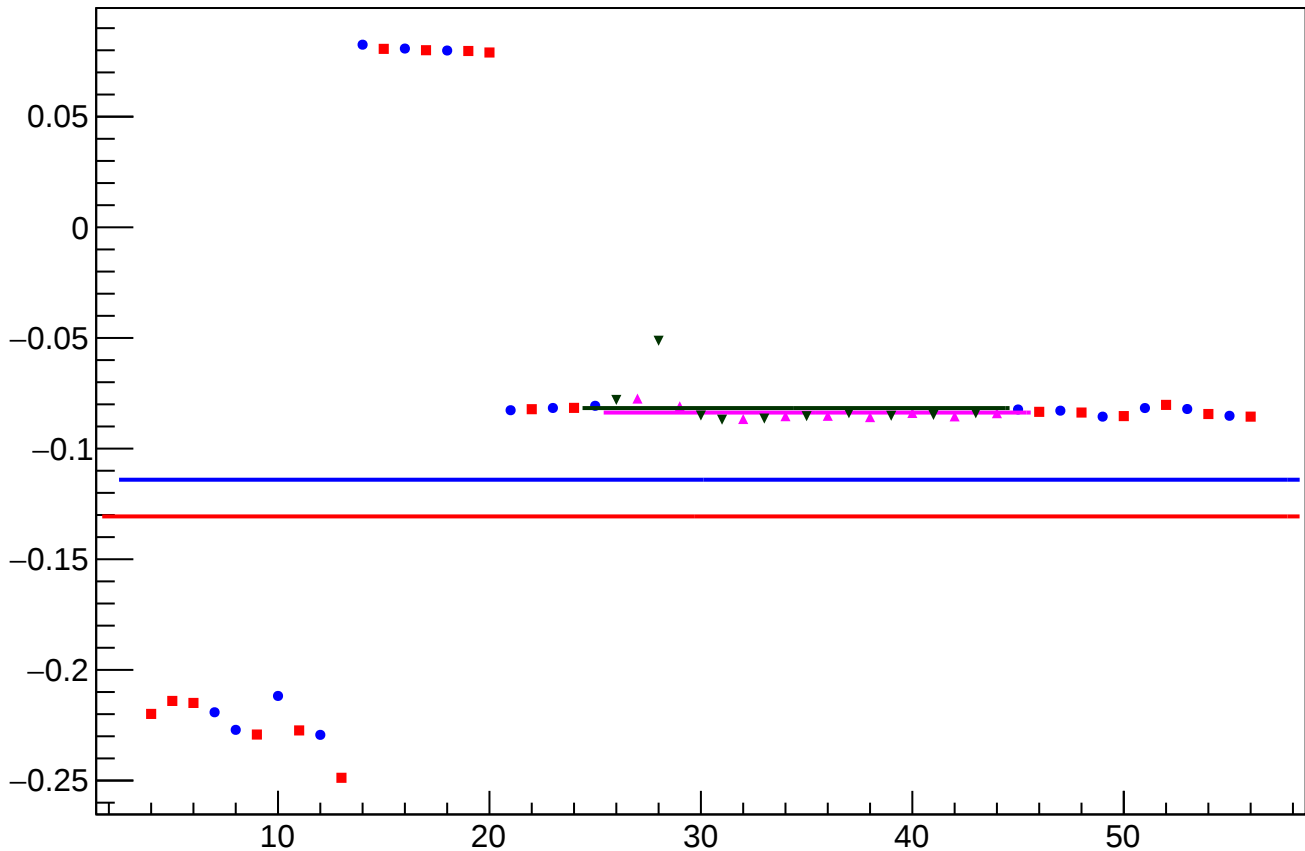
0.003+/-0.000 χ^2/NDF : 3482745.5/25

Right Out: 0.003+/-0.000 χ^2/NDF : 2384215.5/17

0.003+/-0.000 χ^2/NDF : 3468336.7/26

Left In: 0.004+/-0.000 χ^2/NDF :752035.9/8

yield_cav4cY_mean vs slug



Right In: -0.114 $\pm$ 0.000 χ^2/NDF : 9675819686.6/15

Left Out: -0.082 $\pm$ 0.000 χ^2/NDF : 35856752.9/9

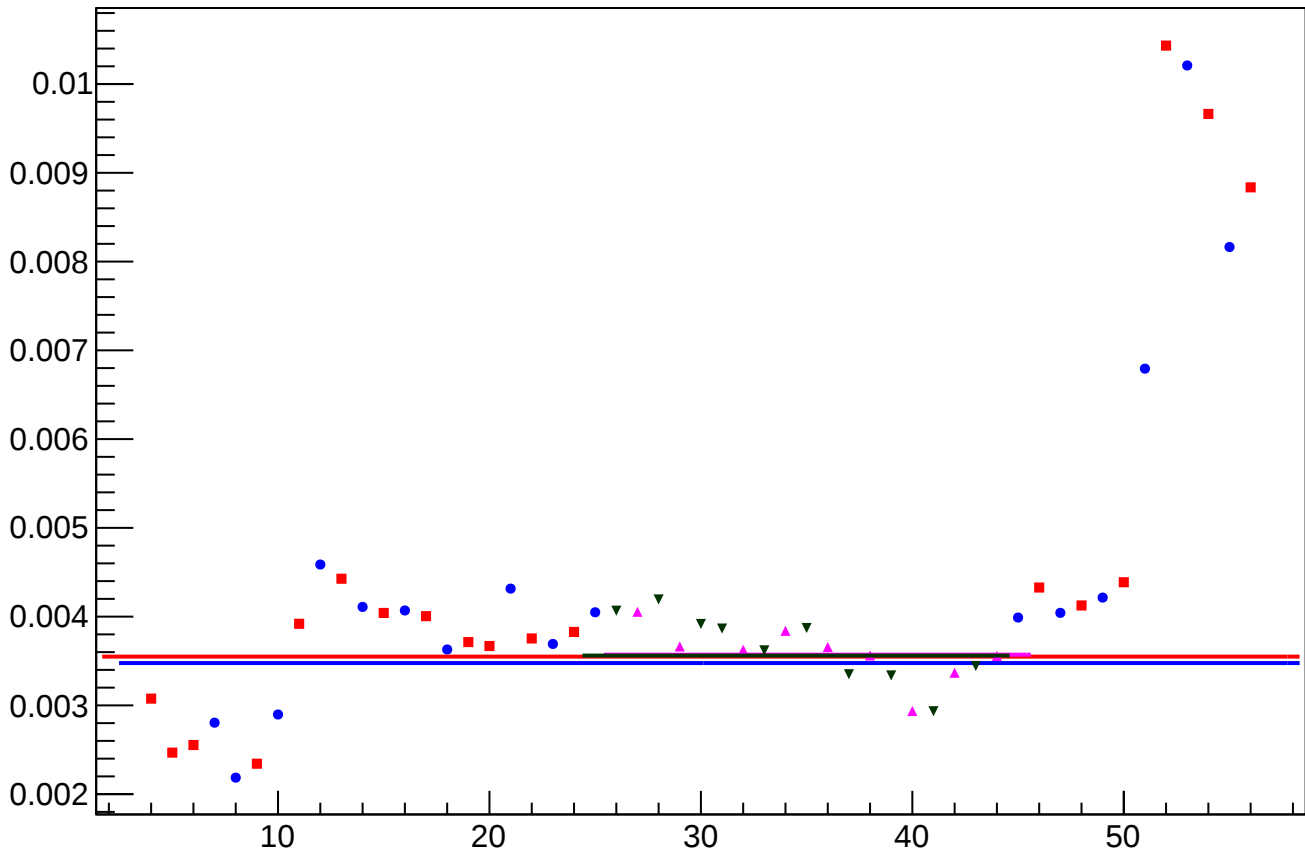
-0.102 $\pm$ 0.000 χ^2/NDF : 9977357904.9/25

Right Out: -0.131 $\pm$ 0.000 χ^2/NDF : 8857367032.4/17

-0.112 $\pm$ 0.000 χ^2/NDF : 9420075967.8/26

Left In: -0.084 $\pm$ 0.000 χ^2/NDF : 3521413.4/8

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1877046.5/15

Left Out: 0.004+/-0.000 χ^2/NDF :124023.6/9

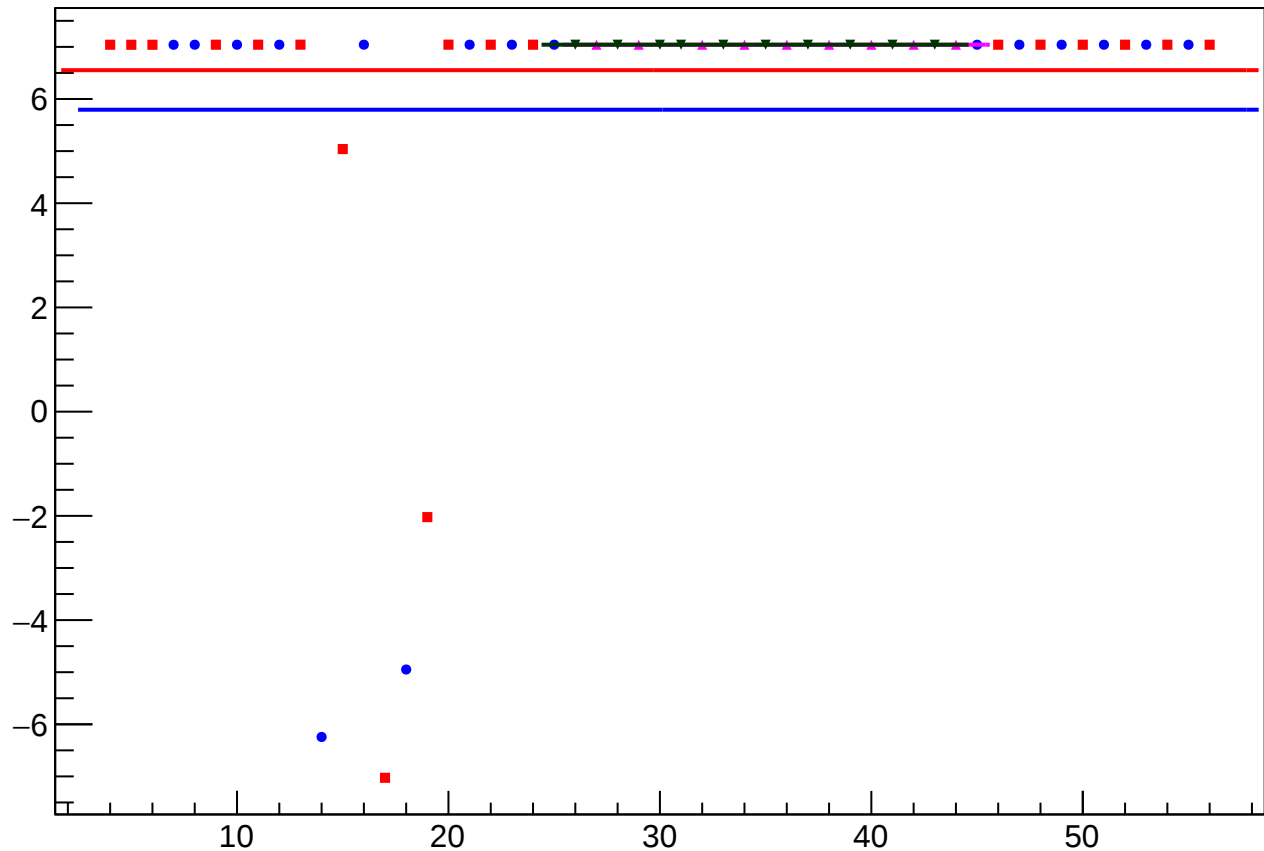
0.004+/-0.000 χ^2/NDF : 2004677.4/25

Right Out: 0.004+/-0.000 χ^2/NDF : 1896495.5/17

0.004+/-0.000 χ^2/NDF : 1975943.9/26

Left In: 0.004+/-0.000 χ^2/NDF :79207.1/8

yield_cav4dX_mean vs slug



Right In: 5.794+/-0.000 χ^2/NDF : 4551294978087225.0/15

Left Out: 7.042+/-0.000 χ^2/NDF : 765209.6/9

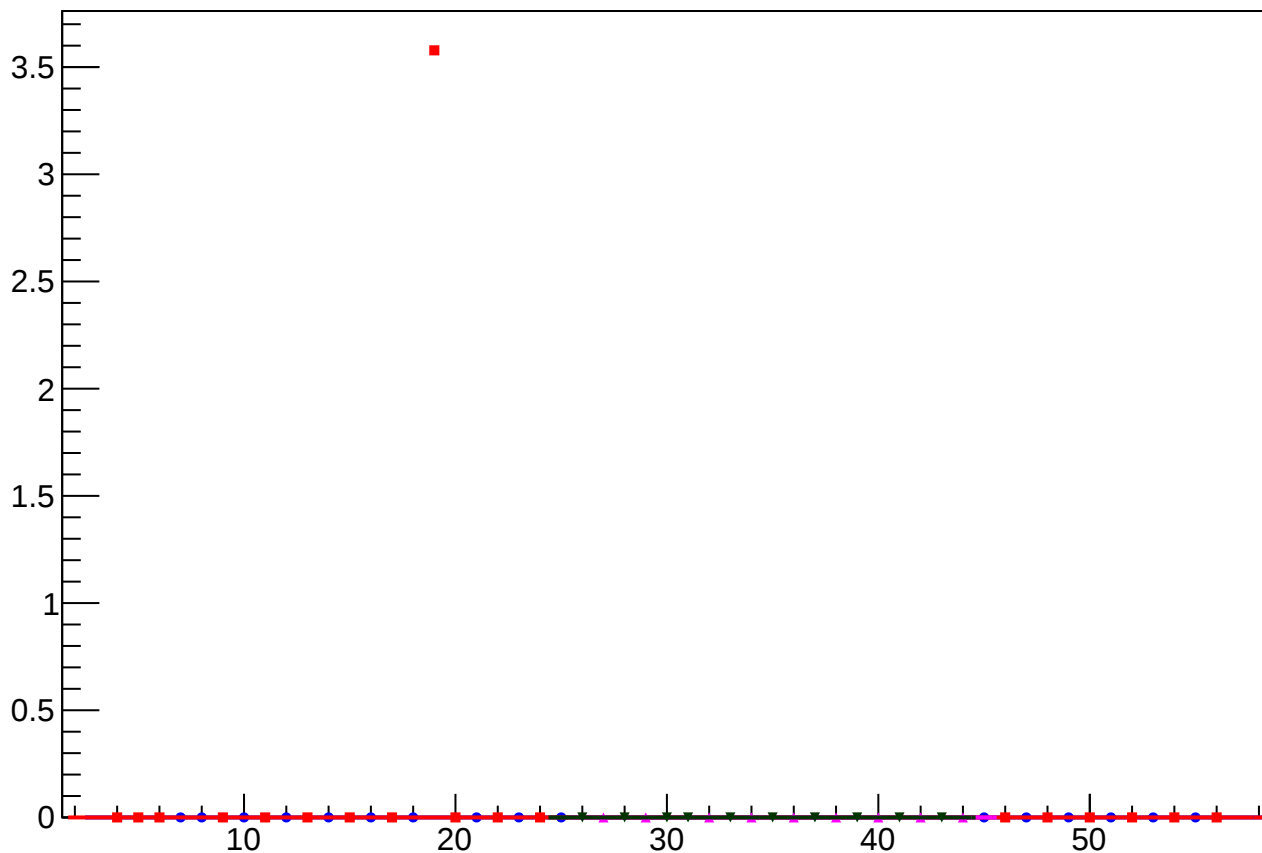
Right Out: 6.553+/-0.000 χ^2/NDF : 1852732849099670.8/17

Left In: 7.042+/-0.000 χ^2/NDF : 540646.4/8

6.288+/-0.000 χ^2/NDF : 4741648205330245.0/2

6.763+/-0.000 χ^2/NDF : 1882371508862793.8/2

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 3982.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :1535.6/9

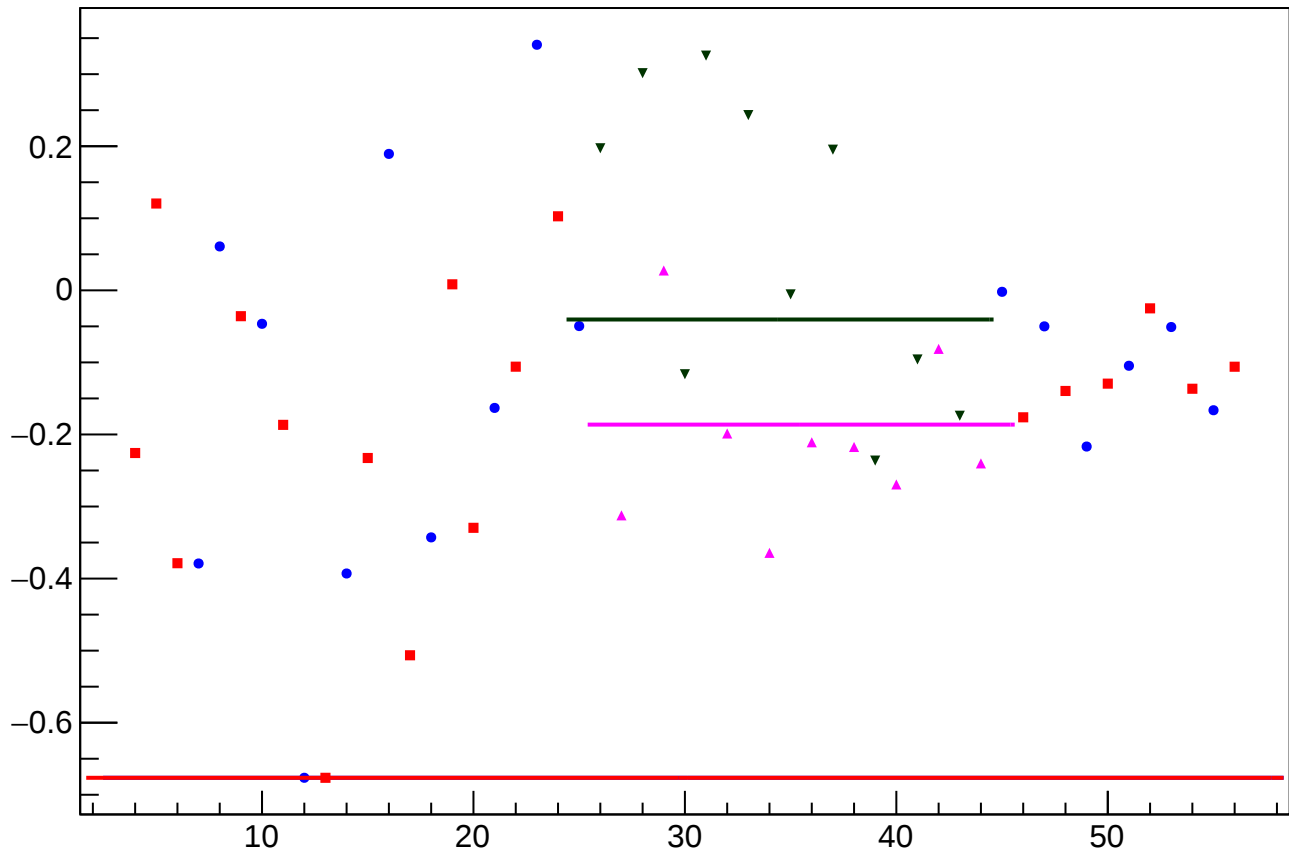
Right Out: 0.000+/-0.000 χ^2/NDF : 697638.4/17

Left In: 0.000+/-0.000 χ^2/NDF :1769.6/8

0.000+/-0.000 χ^2/NDF : 7097.3/25

0.000+/-0.000 χ^2/NDF : 702841.7/26

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 χ^2/NDF : 261462354.8/15

Left Out: -0.040 ± 0.000 χ^2/NDF : 16704113.3/9

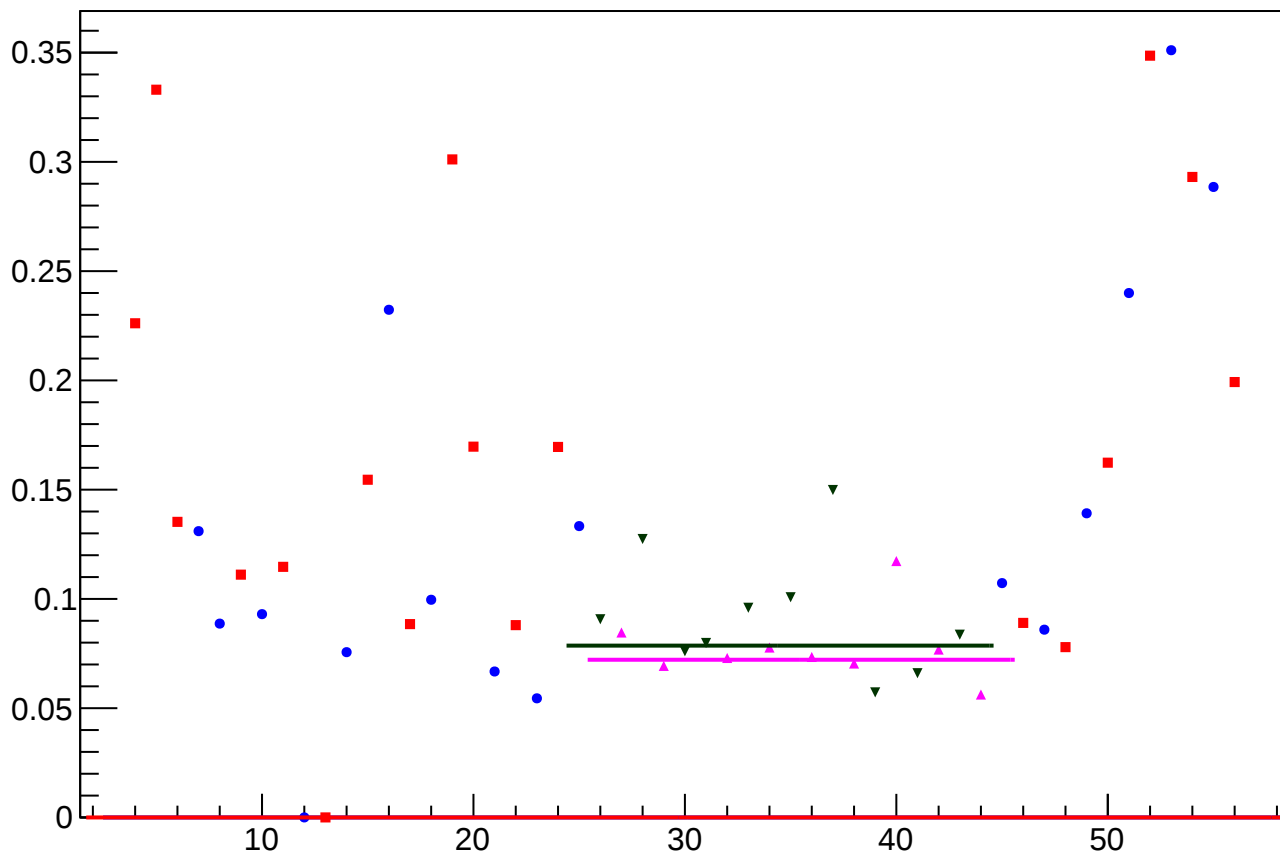
Right Out: -0.676 ± 0.000 χ^2/NDF : 100235405.6/17

Left In: -0.186 ± 0.000 χ^2/NDF : 8365095.9/8

-0.676 ± 0.000 χ^2/NDF : 466201822.7/25

-0.676 ± 0.000 χ^2/NDF : 266082864.8/26

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13795461.3/15

Left Out: 0.079+/-0.000 χ^2/NDF : 452862.6/9

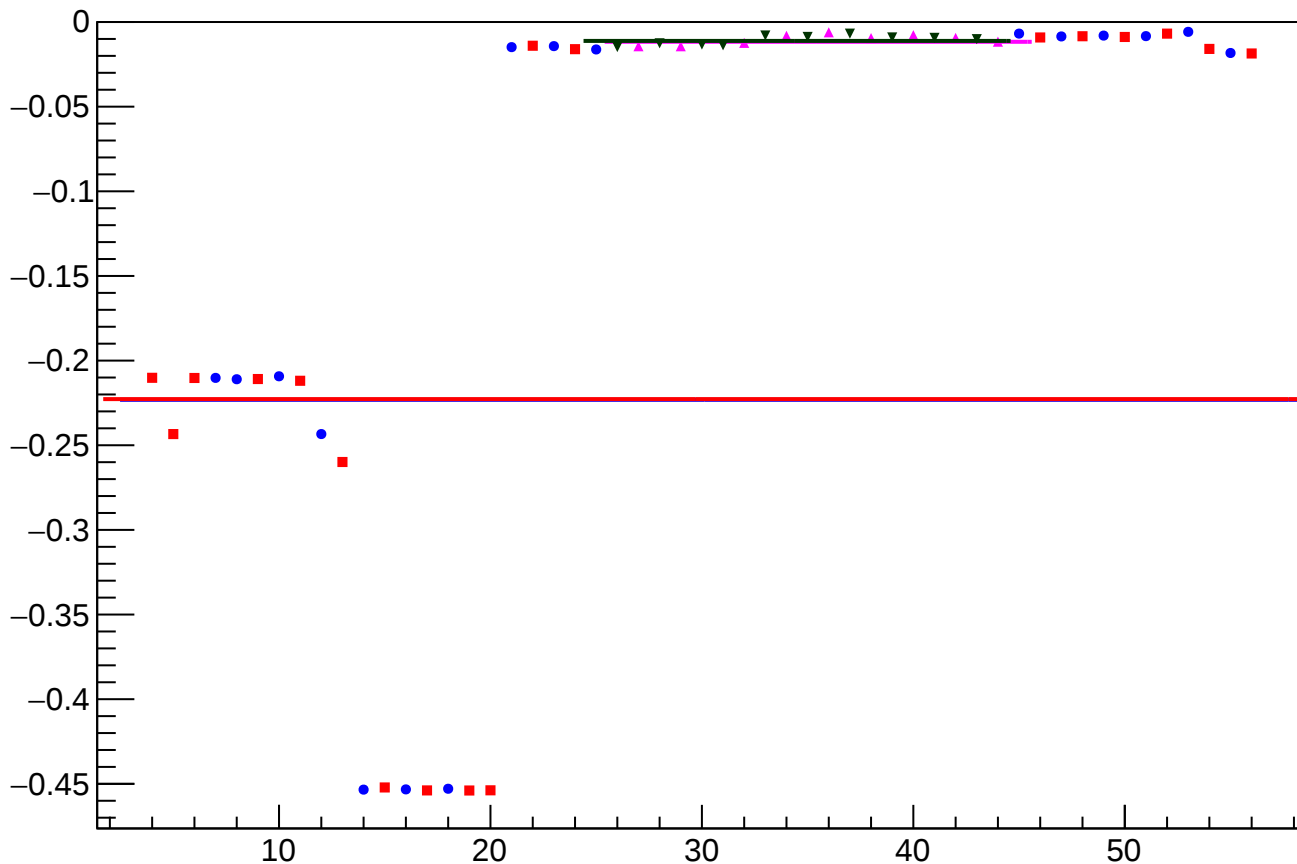
Right Out: 0.000+/-0.000 χ^2/NDF : 12751033.2/17

Left In: 0.072+/-0.000 χ^2/NDF : 192884.5/8

0.000+/-0.000 χ^2/NDF : 19995069.5/25

0.000+/-0.000 χ^2/NDF : 19769103.1/26

yield_bpm4aX_mean vs slug



Right In: -0.223+/-0.000 χ^2/NDF : 5005556009.1/15

Left Out: -0.011+/-0.000 χ^2/NDF : 401443.1/9

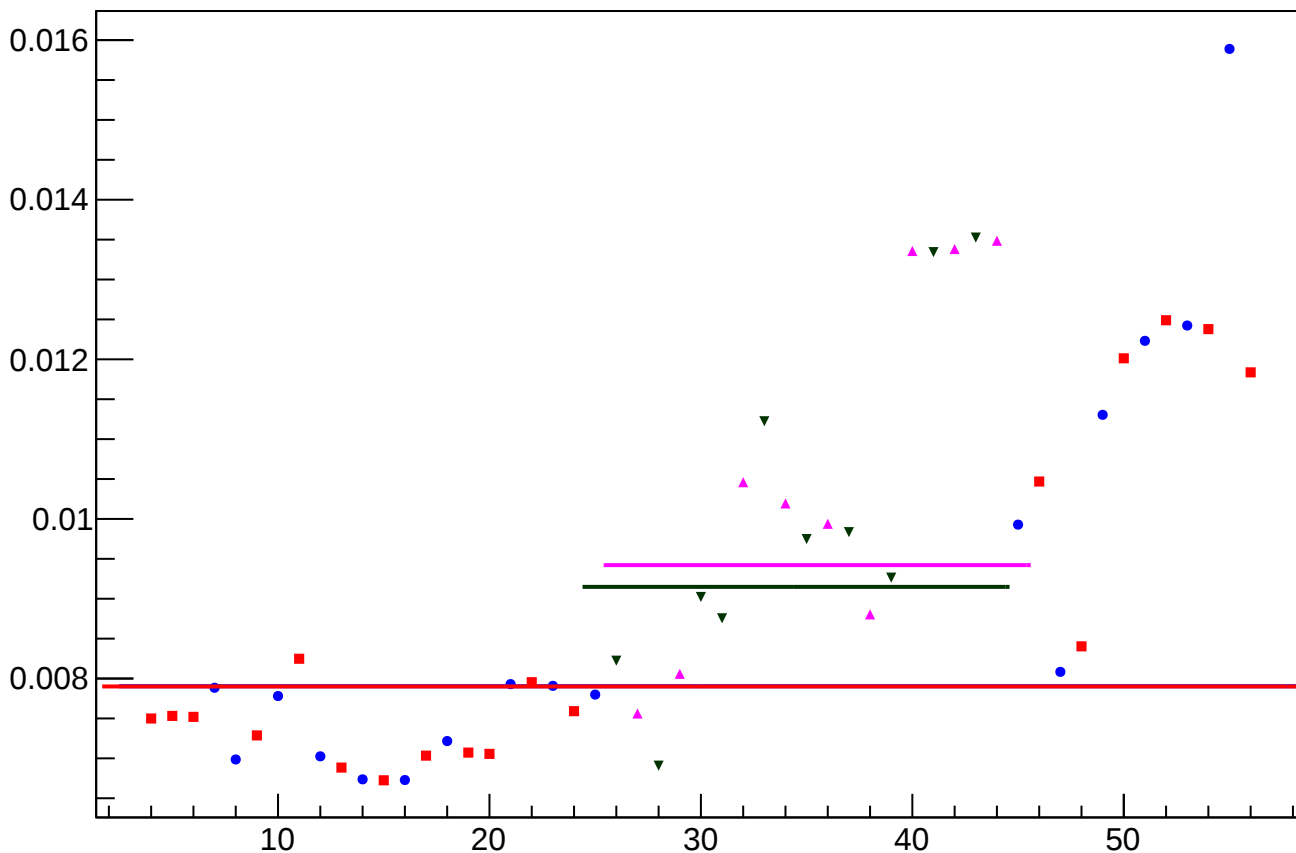
Right Out: -0.223+/-0.000 χ^2/NDF : 3930800049.8/17

Left In: -0.012+/-0.000 χ^2/NDF : 495469.4/8

-0.163+/-0.000 χ^2/NDF : 6935034956.3/25

-0.161+/-0.000 χ^2/NDF : 5814666281.1/26

yield_bpm4aX_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 876589.1/15

Left Out: 0.009+/-0.000 χ^2/NDF : 410320.9/9

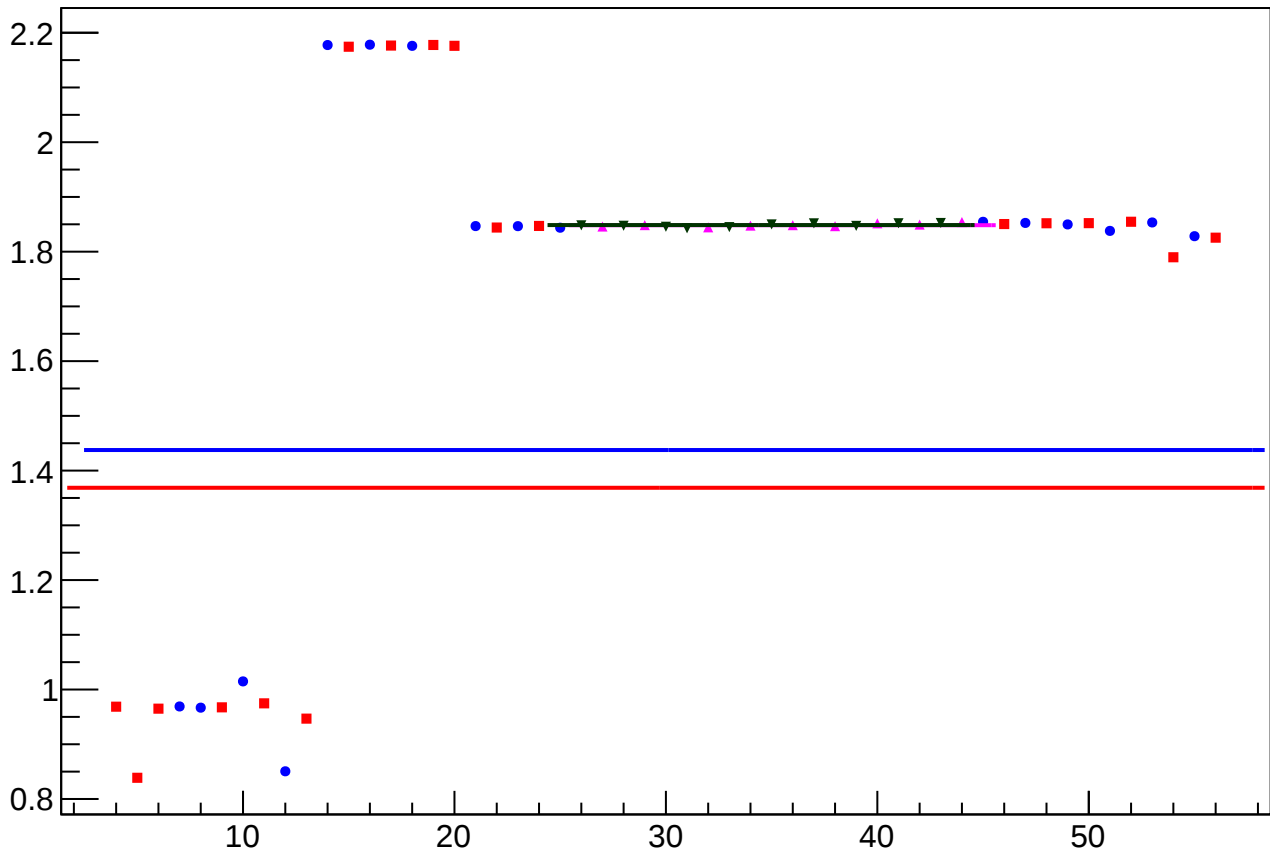
Right Out: 0.008+/-0.000 χ^2/NDF : 690570.6/17

Left In: 0.009+/-0.000 χ^2/NDF : 449025.1/8

0.008+/-0.000 χ^2/NDF : 1420040.8/25

0.008+/-0.000 χ^2/NDF : 1335056.4/26

yield_bpm4aY_mean vs slug



Right In: 1.438+/-0.000 χ^2/NDF : 14156373147.0/15

Left Out: 1.849+/-0.000 χ^2/NDF :239961.3/9

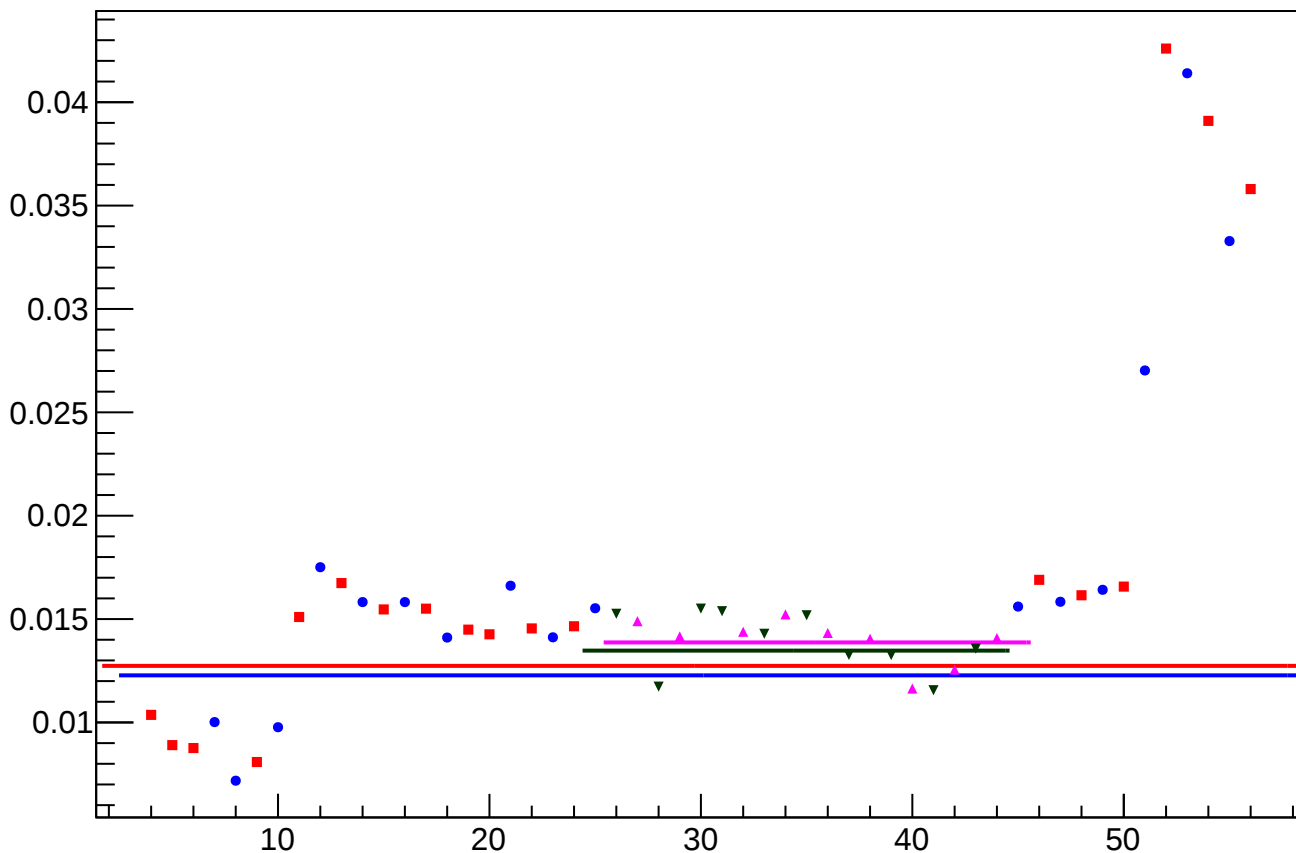
1.578+/-0.000 χ^2/NDF : 17238354884.4/25

Right Out: 1.369+/-0.000 χ^2/NDF : 12589606607.8/17

1.547+/-0.000 χ^2/NDF : 16691739948.1/26

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 : 2678740.0/15

Left Out: 0.013+/-0.000 χ^2/NDF :115364.2/9

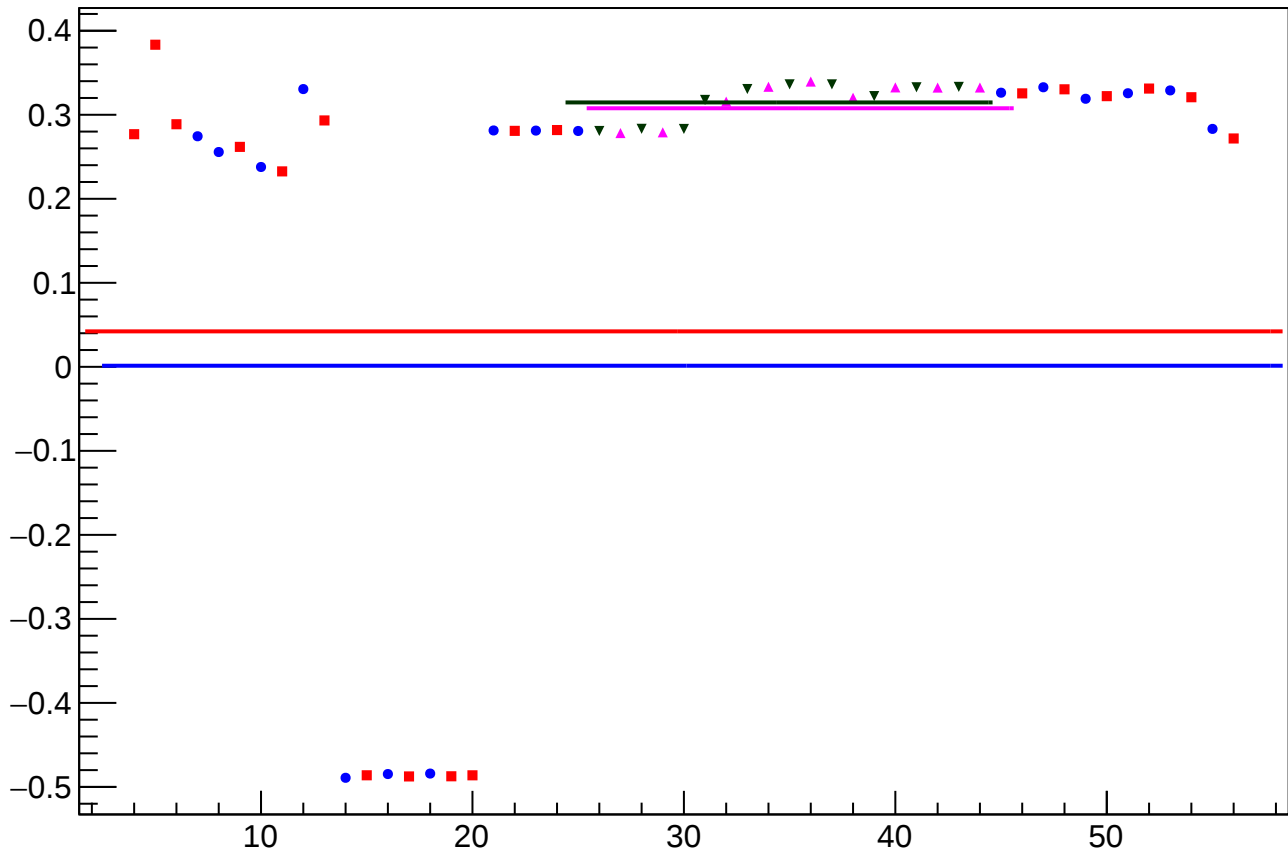
0.013+/-0.000 χ^2/NDF : 2846400.3/25

Right Out: 0.013+/-0.000 χ^2/NDF : 2447336.7/17

0.013+/-0.000 χ^2/NDF : 2559744.0/26

Left In: 0.014+/-0.000 χ^2/NDF :66613.9/8

yield_bpm4eX_mean vs slug



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 3543808186.7/15

Left Out: 0.315 $\pm$ 0.000 χ^2 /NDF:5189197.9/9

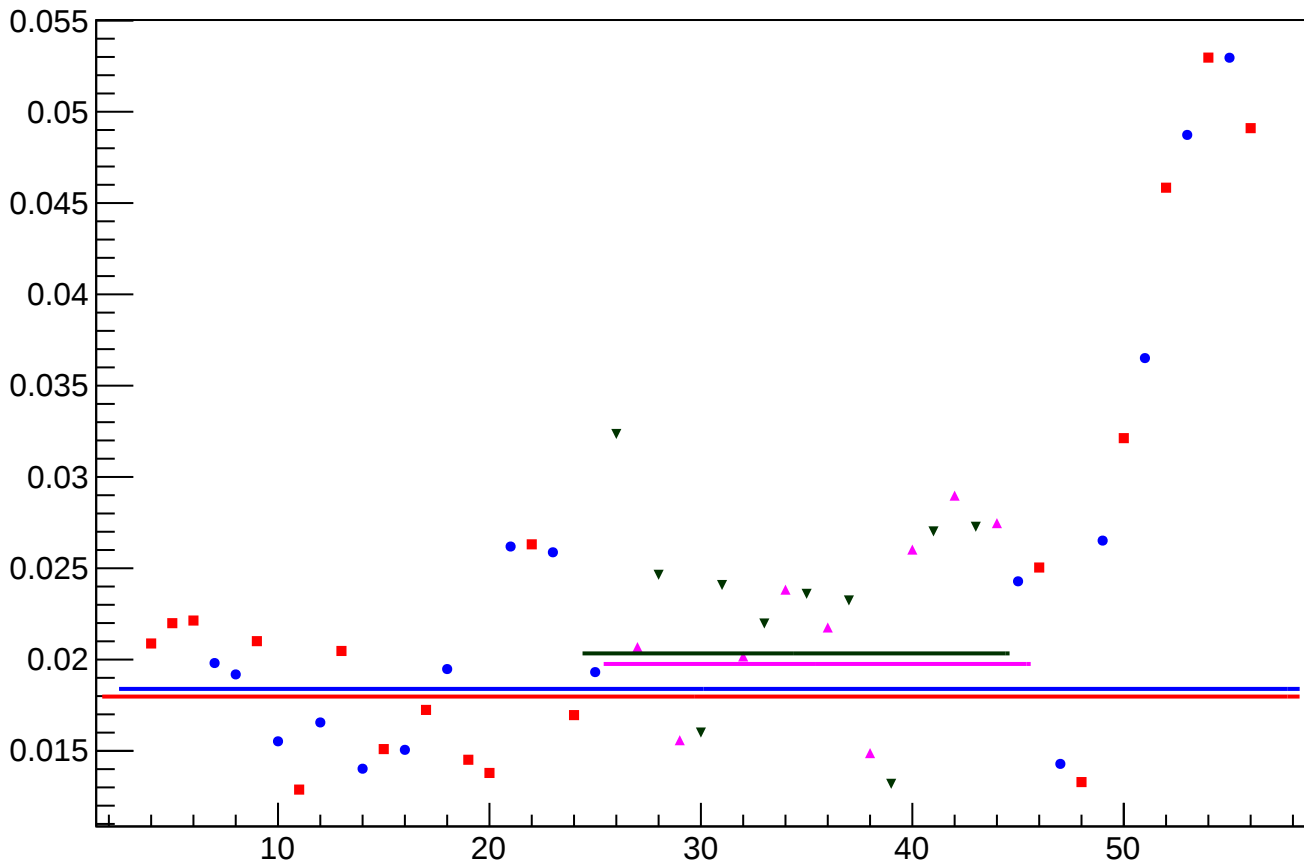
0.099 $\pm$ 0.000 χ^2 /NDF: 4313826761.8/25

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 3146549662.9/17

0.133 $\pm$ 0.000 χ^2 /NDF: 3747962212.7/26

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 : 1842079.9/15

Left Out: 0.020+/-0.000 χ^2/NDF : 733336.7/9

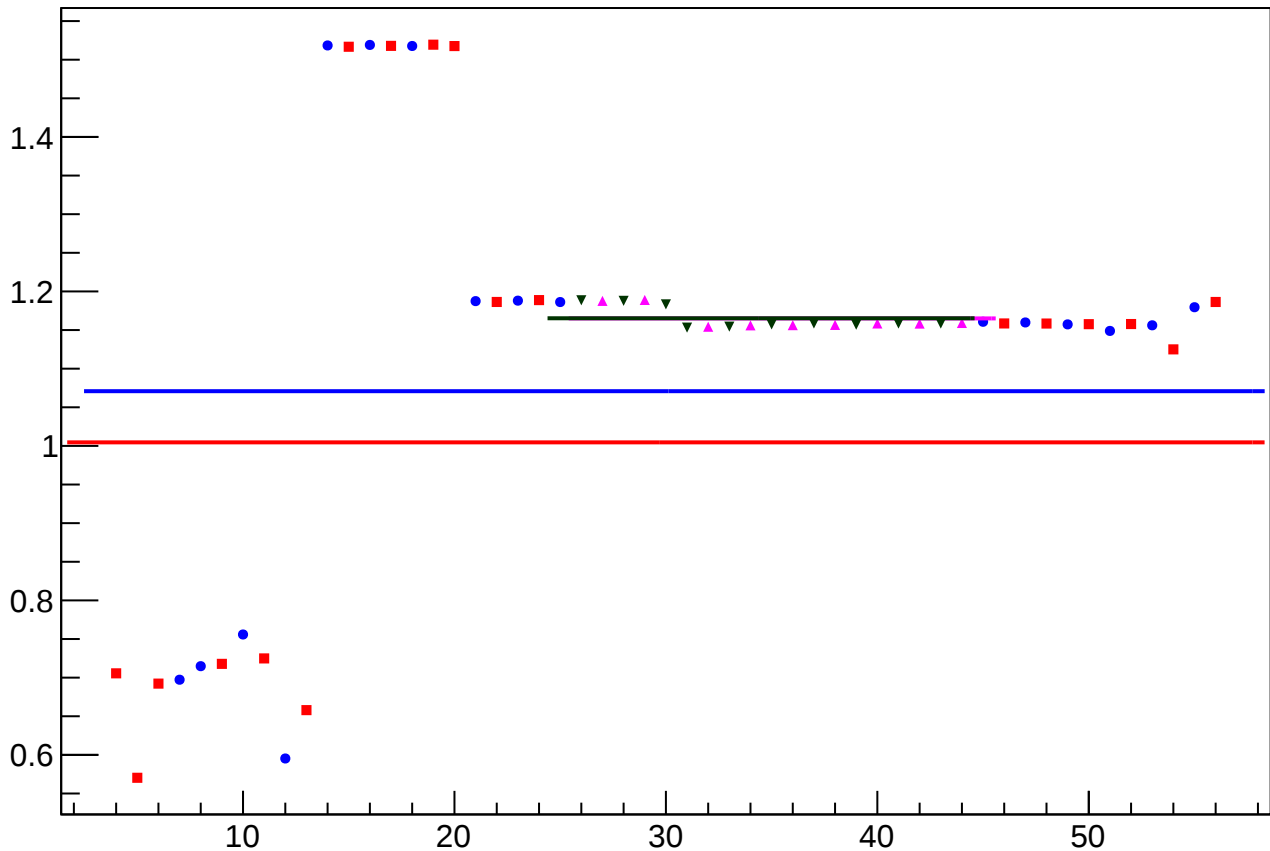
0.019+/-0.000 χ^2/NDF : 2634262.4/25

Right Out: 0.018+/-0.000 χ^2/NDF : 2162269.5/17

0.019+/-0.000 χ^2/NDF : 2698014.7/26

Left In: 0.020+/-0.000 χ^2/NDF : 482021.9/8

yield_bpm4eY_mean vs slug



Right In: 1.071+/-0.000 χ^2/NDF : 10460513630.1/15

Left Out: 1.165+/-0.000 χ^2/NDF :12143638.8/9

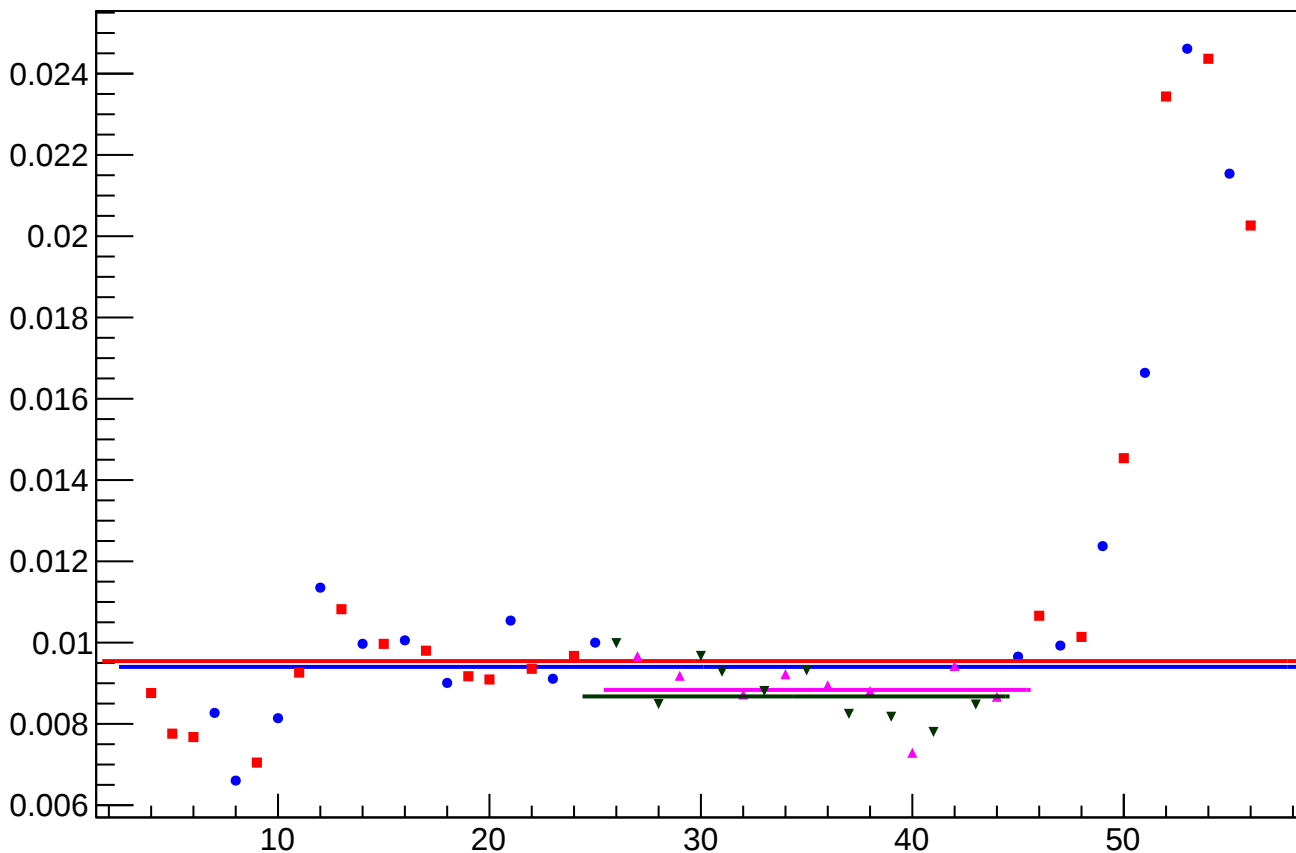
Right Out: 1.005+/-0.000 χ^2/NDF : 10275468392.2/17

Left In: 1.165+/-0.000 χ^2/NDF :13354823.7/8

1.109+/-0.000 χ^2/NDF : 10830307866.7/25

1.074+/-0.000 χ^2/NDF : 11298903385.1/26

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 1302243.3/15

Left Out: 0.009+/-0.000 χ^2/NDF : 57413.1/9

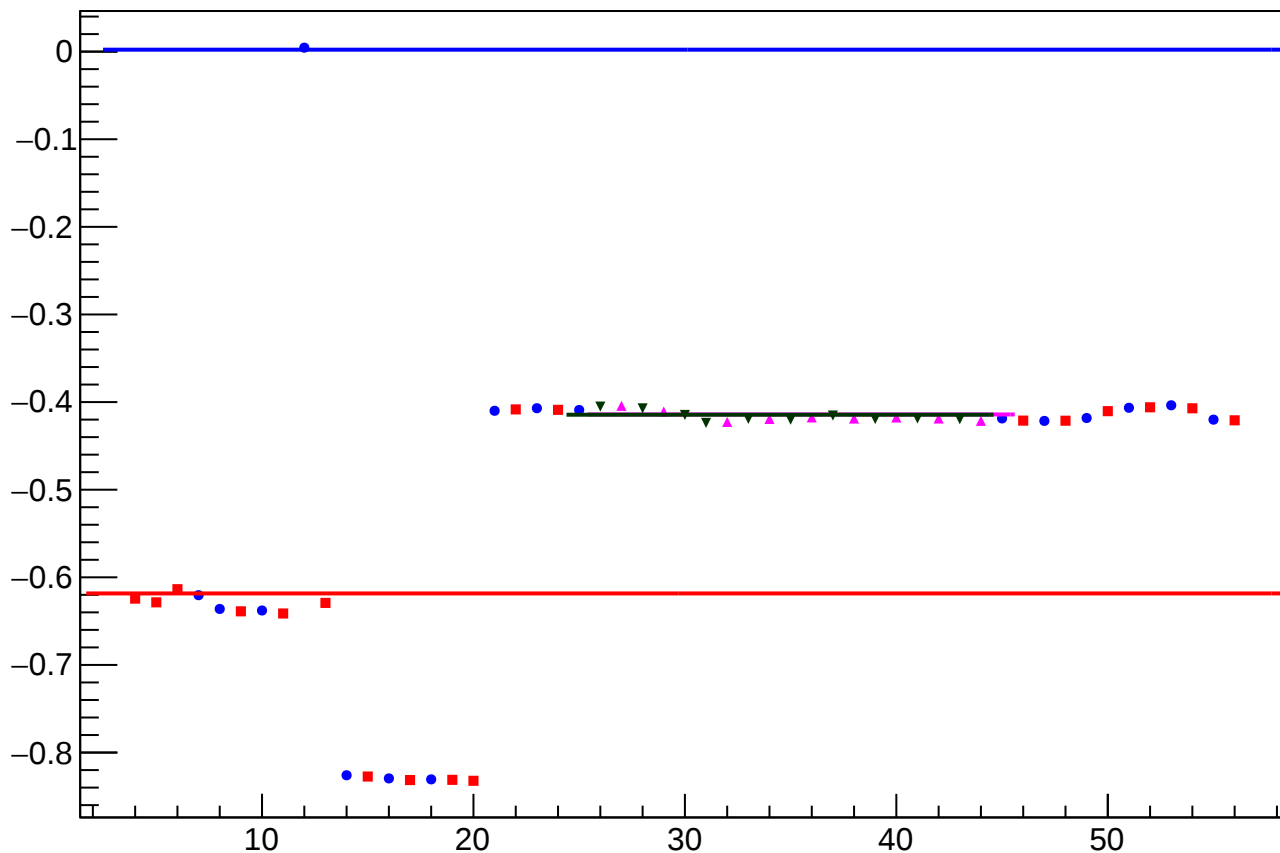
0.009+/-0.000 χ^2/NDF : 1402062.5/25

Right Out: 0.010+/-0.000 χ^2/NDF : 1343056.9/17

0.009+/-0.000 χ^2/NDF : 1446250.5/26

Left In: 0.009+/-0.000 χ^2/NDF : 63755.7/8

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 56921026233.3/15

Left Out: -0.414+/-0.000 χ^2/NDF : 2260145.2/9

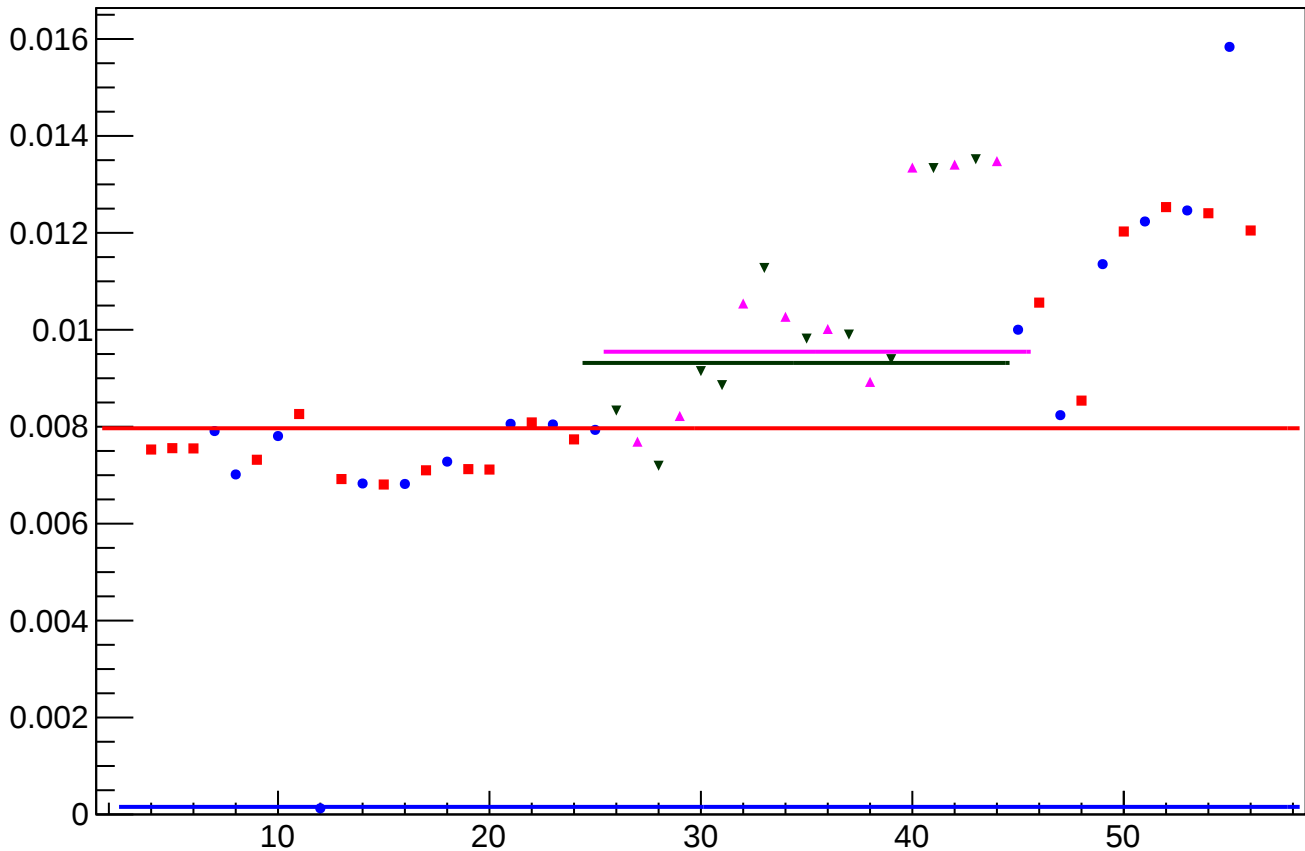
Right Out: -0.618+/-0.000 χ^2/NDF : 3446879917.1/17

Left In: -0.414+/-0.000 χ^2/NDF : 2651942.7/8

0.002+/-0.000 χ^2/NDF : 67025759039.8/25

-0.559+/-0.000 χ^2/NDF : 5176843474.9/26

yield_bpm4acX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17861020.8/15

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:365508.7/9

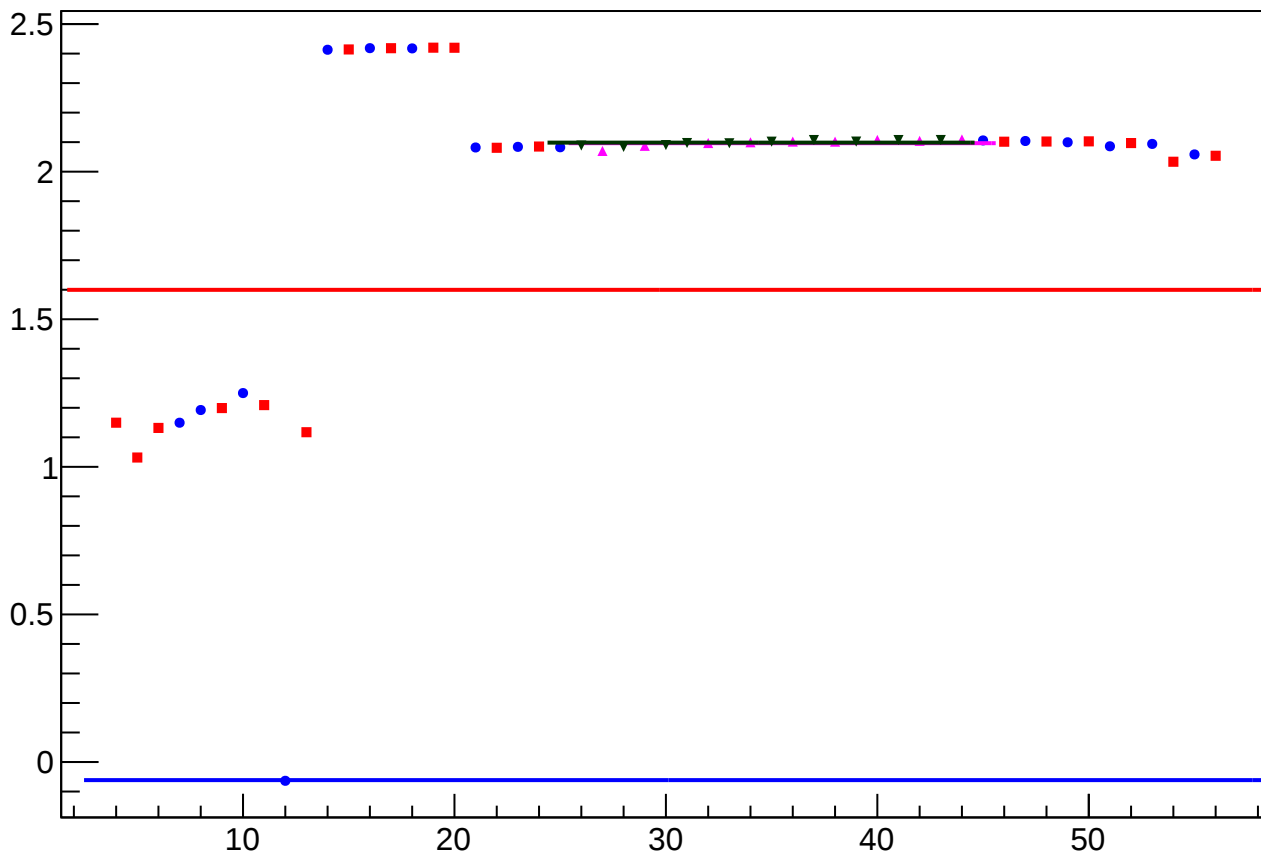
0.000 $\pm$ 0.000 χ^2 /NDF: 27993986.2/25

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 687887.9/17

0.008 $\pm$ 0.000 χ^2 /NDF: 1316126.9/26

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:421826.7/8

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 167112386250.6/15

Left Out: 2.098+/-0.000 χ^2/NDF :2018647.6/9

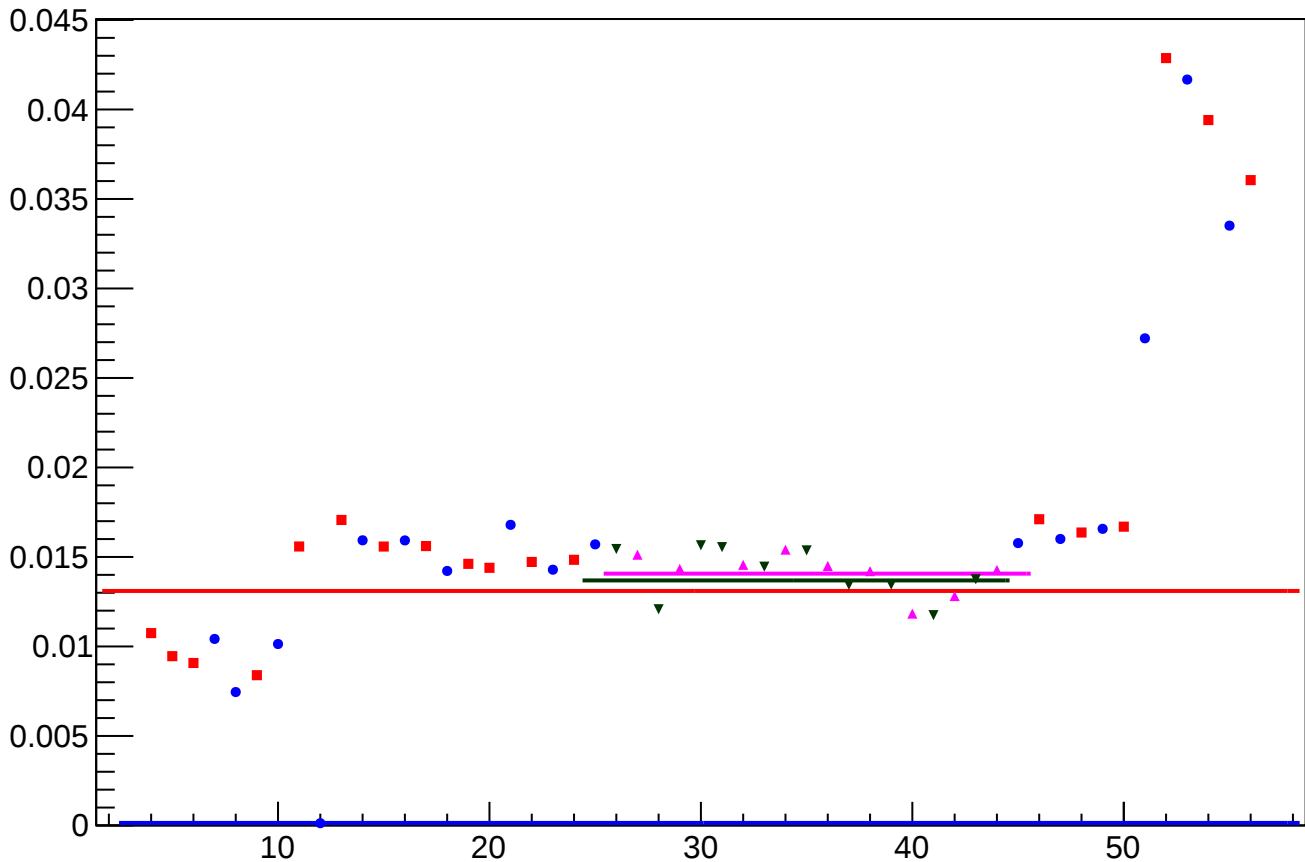
Right Out: 1.600+/-0.000 χ^2/NDF : 13095391730.5/17

Left In: 2.096+/-0.000 χ^2/NDF :3992542.9/8

-0.060+/-0.000 χ^2/NDF : 292419601377.6/25

1.787+/-0.000 χ^2/NDF : 17337370854.4/26

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 17267781.8/15

Left Out: 0.014+/-0.000 χ^2/NDF :106273.7/9

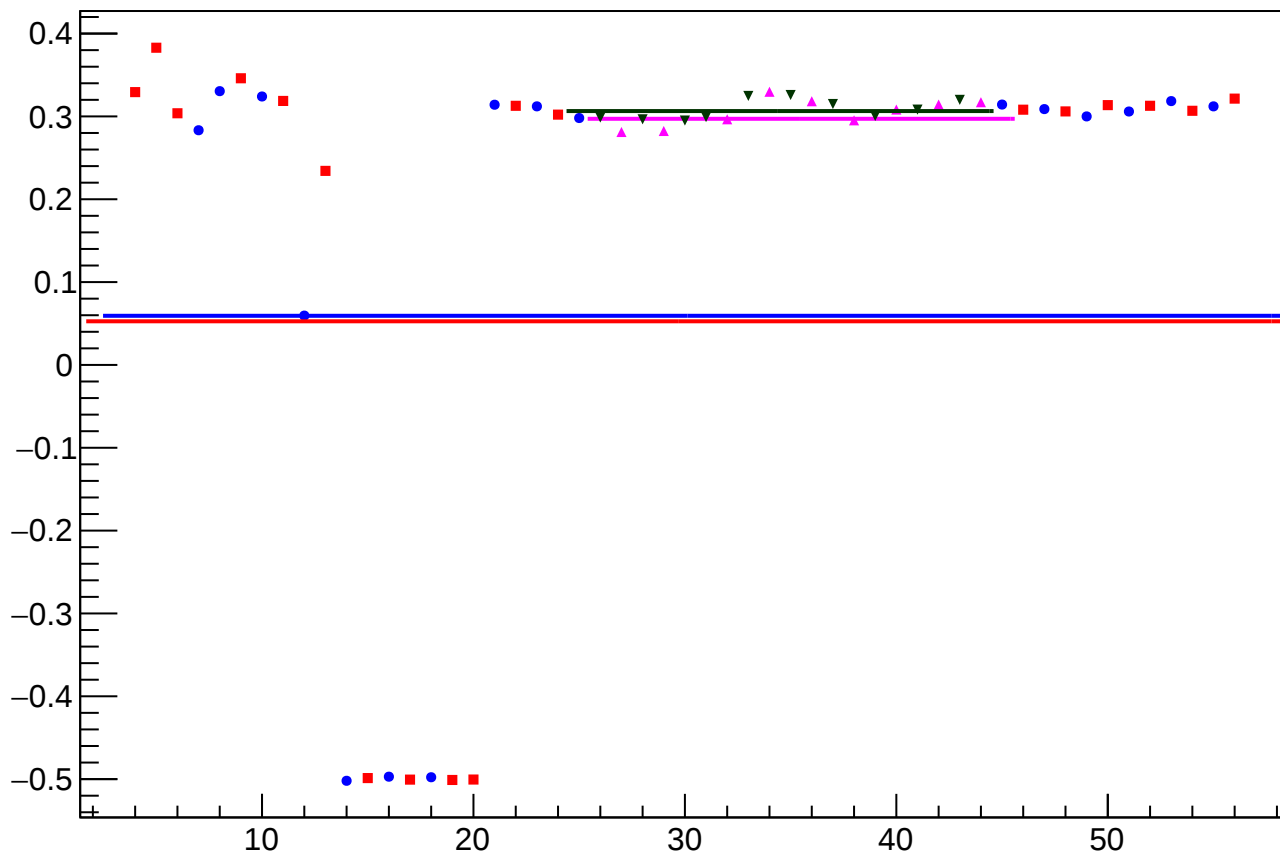
0.000+/-0.000 χ^2/NDF : 27234861.4/25

Right Out: 0.013+/-0.000 χ^2/NDF : 2329398.4/17

0.013+/-0.000 χ^2/NDF : 2424896.5/26

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 : 3862832186.7/15

Left Out: 0.306+/-0.000 χ^2/NDF :1355327.7/9

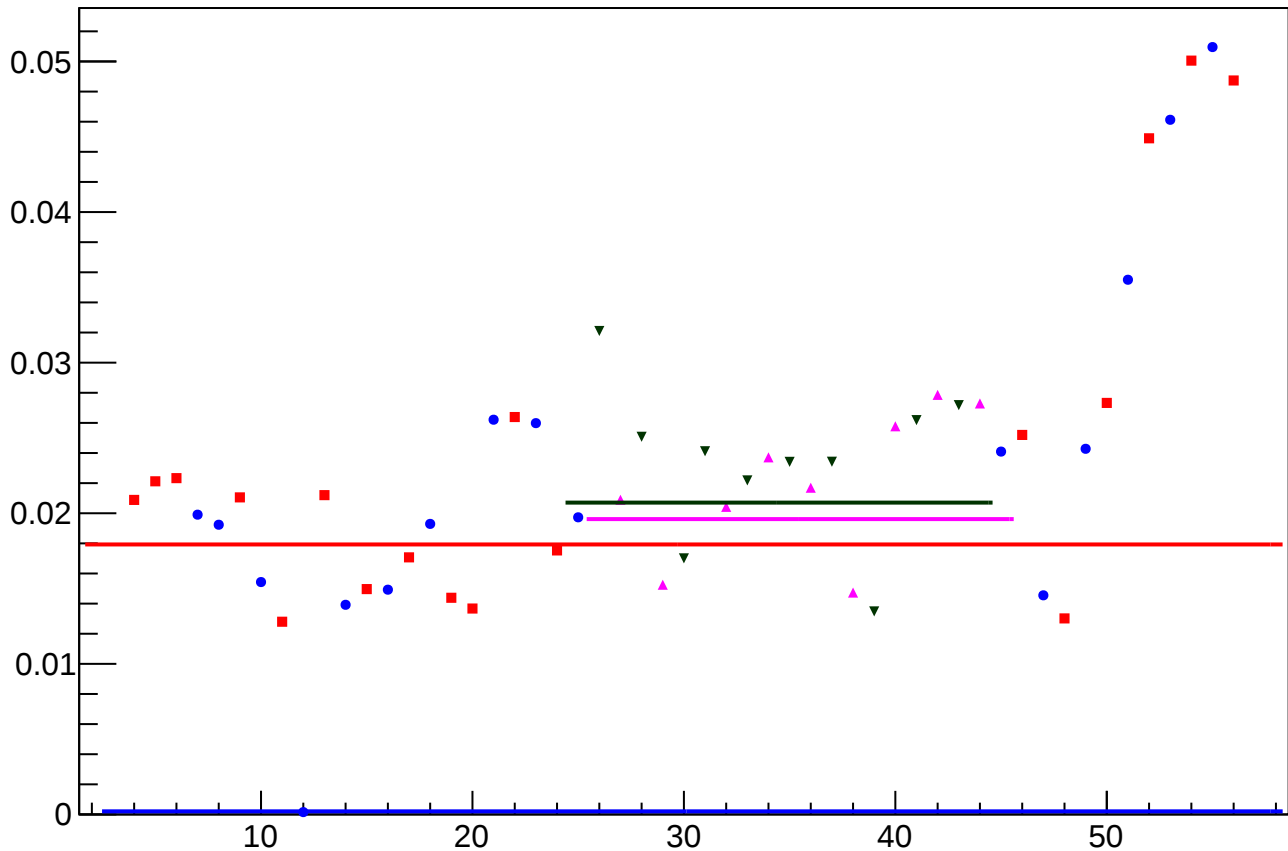
Right Out: 0.053+/-0.000 χ^2/NDF : 3505713852.1/17

Left In: 0.297+/-0.000 χ^2/NDF :3115046.5/8

0.060+/-0.000 χ^2/NDF : 4536207292.0/25

0.137+/-0.000 χ^2/NDF : 4020344663.7/26

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 17341782.9/15

Left Out: 0.021+/-0.000 χ^2/NDF : 655279.7/9

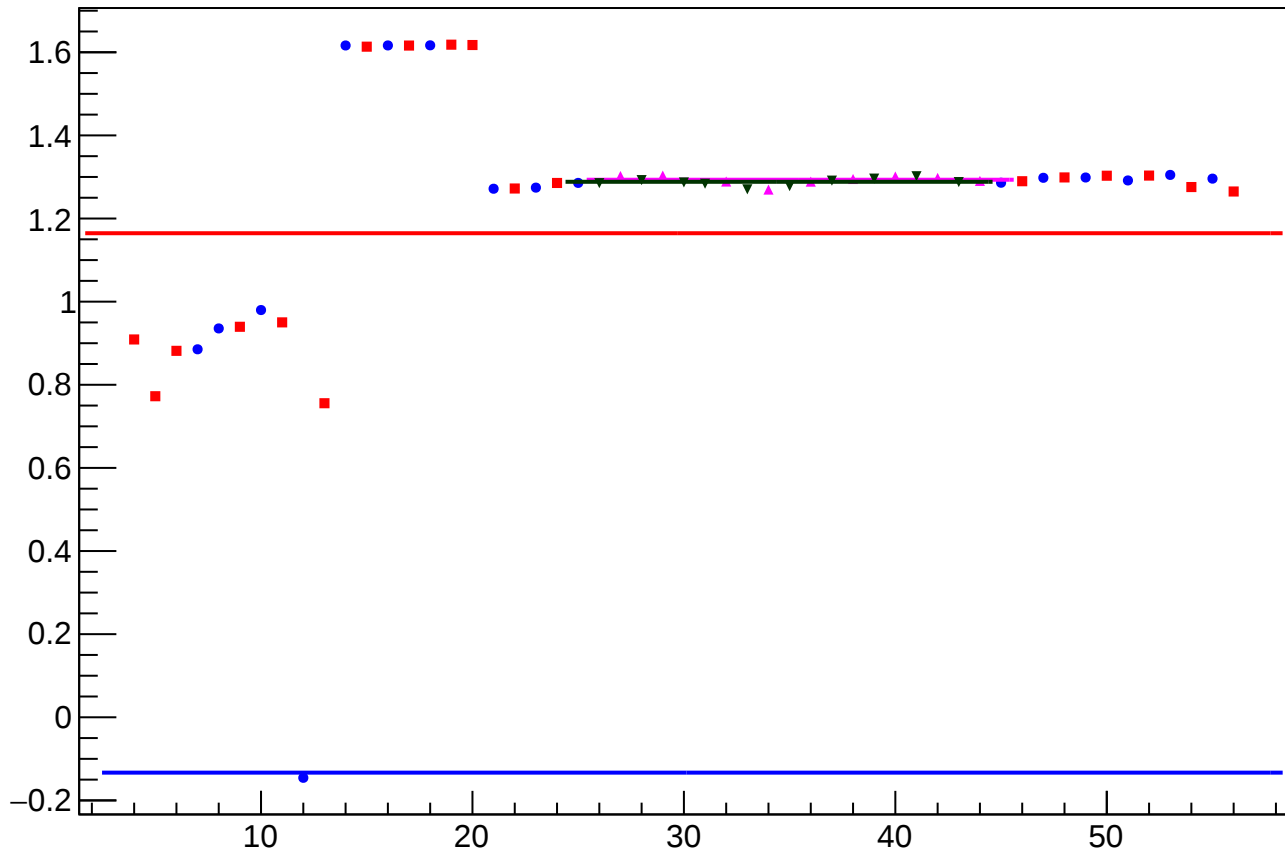
0.000+/-0.000 χ^2/NDF : 27245935.8/25

Right Out: 0.018+/-0.000 χ^2/NDF : 2105812.5/17

0.019+/-0.000 χ^2/NDF : 2647789.6/26

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 : 164890177863.9/15

Left Out: 1.288+/-0.000 χ^2/NDF :3982202.6/9

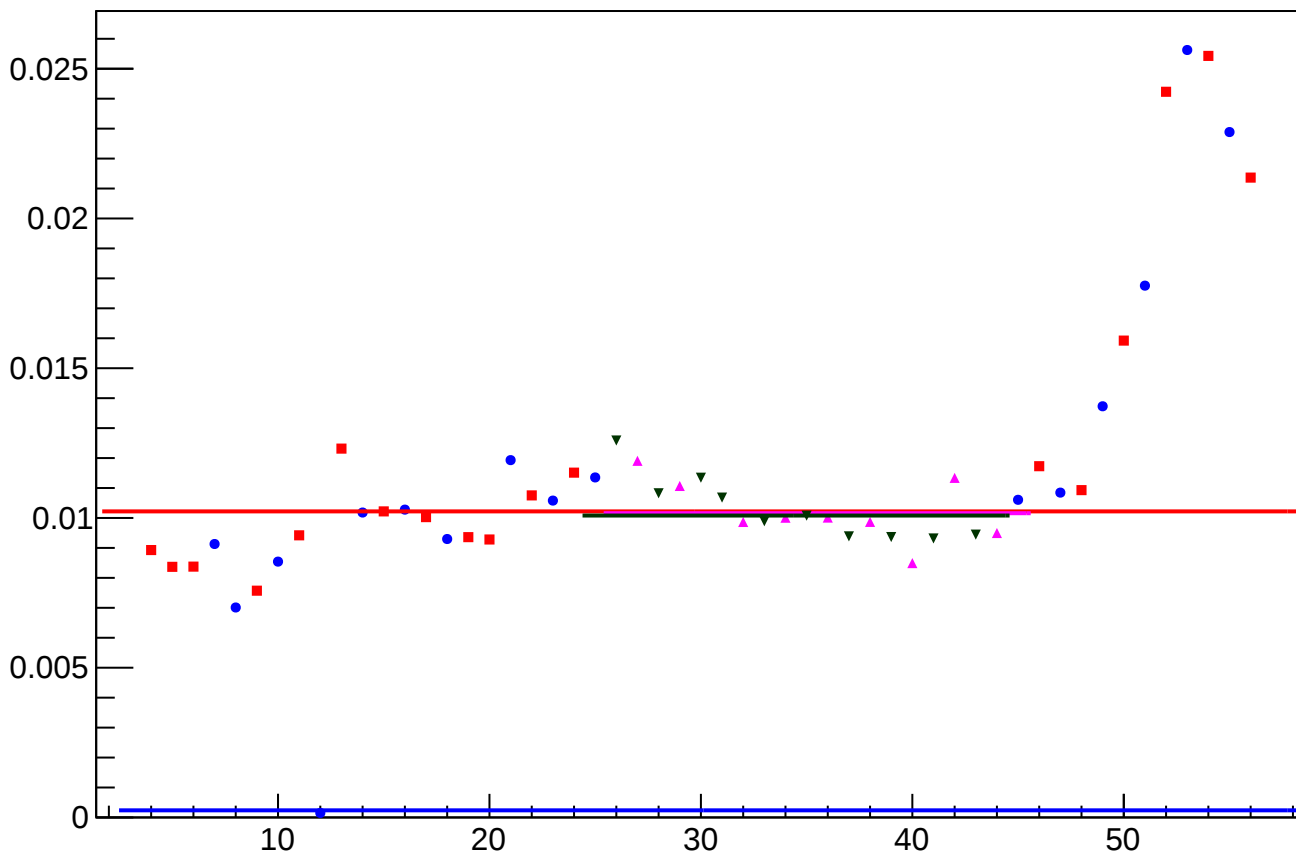
-0.126+/-0.000 χ^2/NDF : 265677459732.9/25

Right Out: 1.165+/-0.000 χ^2/NDF : 7240791337.8/17

1.216+/-0.000 χ^2/NDF : 7765381548.1/26

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 : 16984907.9/15

Left Out: 0.010+/-0.000 χ^2/NDF :82741.5/9

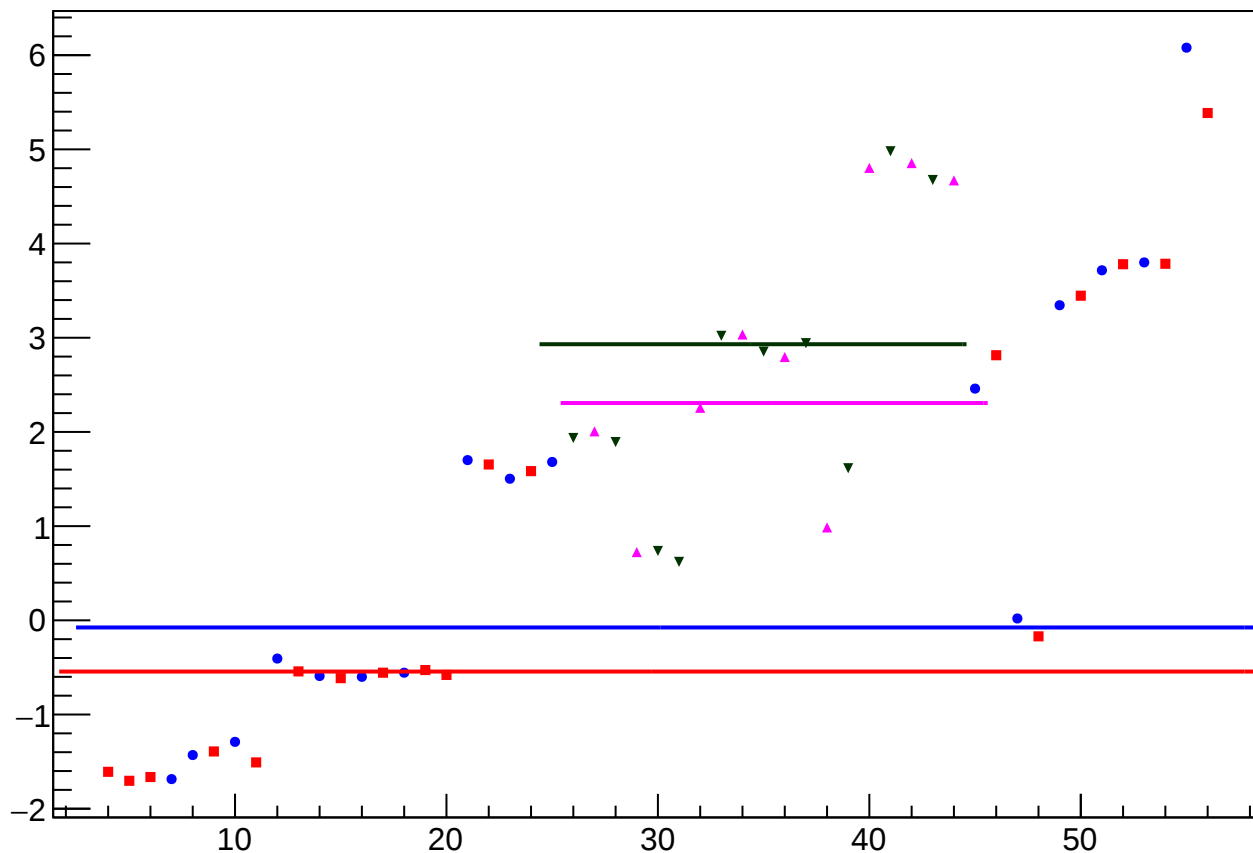
0.000+/-0.000 χ^2/NDF : 26732010.2/25

Right Out: 0.010+/-0.000 χ^2/NDF : 1373809.9/17

0.010+/-0.000 χ^2/NDF : 1475004.6/26

Left In: 0.010+/-0.000 χ^2/NDF :100961.6/8

yield_bpm1X_mean vs slug



Right In: -0.076+/-0.000 χ^2/NDF : 16984407660.4/15

Left Out: 2.931+/-0.000 χ^2/NDF : 696767729.4/9

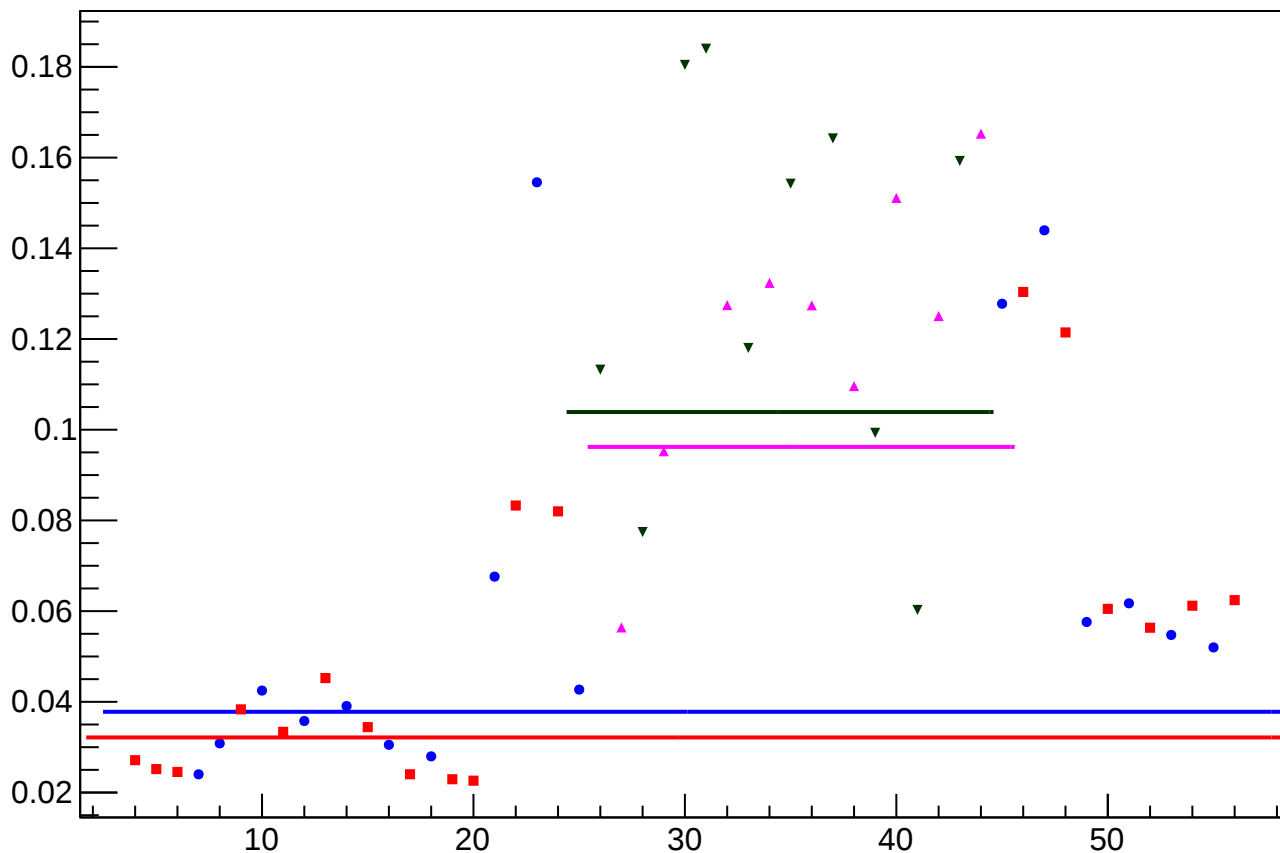
Right Out: -0.544+/-0.000 χ^2/NDF : 14299802875.6/17

Left In: 2.307+/-0.000 χ^2/NDF : 637059338.1/8

0.127+/-0.000 χ^2/NDF : 20438136802.8/25

-0.357+/-0.000 χ^2/NDF : 18094716621.1/26

yield_bpm1X_rms vs slug



Right In: 0.038 ± 0.000 χ^2/NDF : 2594871.5/15

Left Out: 0.104 ± 0.000 χ^2/NDF : 1068598.5/9

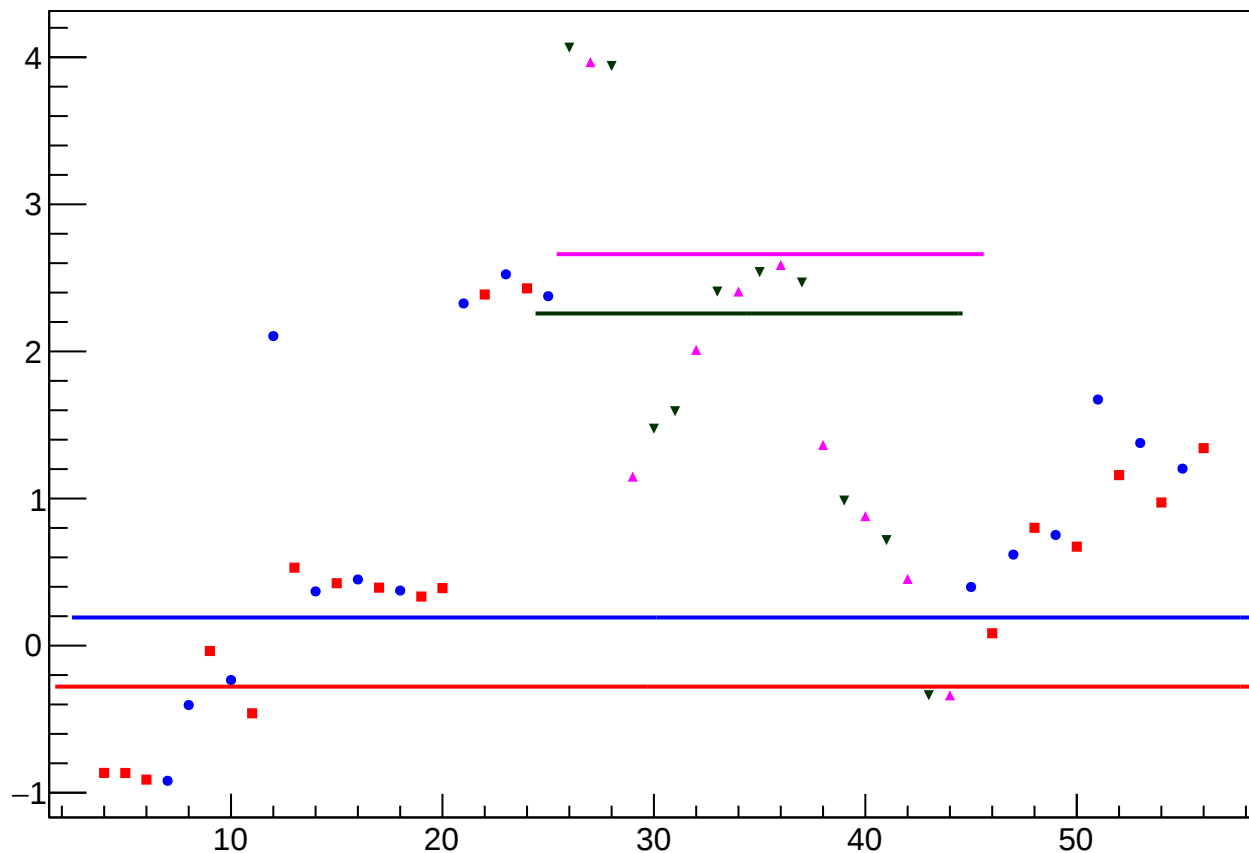
Right Out: 0.032 ± 0.000 χ^2/NDF : 2704073.1/17

Left In: 0.096 ± 0.000 χ^2/NDF : 1062303.0/8

0.042 ± 0.000 χ^2/NDF : 6327321.5/25

0.036 ± 0.000 χ^2/NDF : 6955402.5/26

yield_bpm1Y_mean vs slug



Right In: 0.191 ± 0.000 χ^2/NDF : 9152243260.5/15

Left Out: 2.258 ± 0.000 χ^2/NDF : 1464188140.1/9

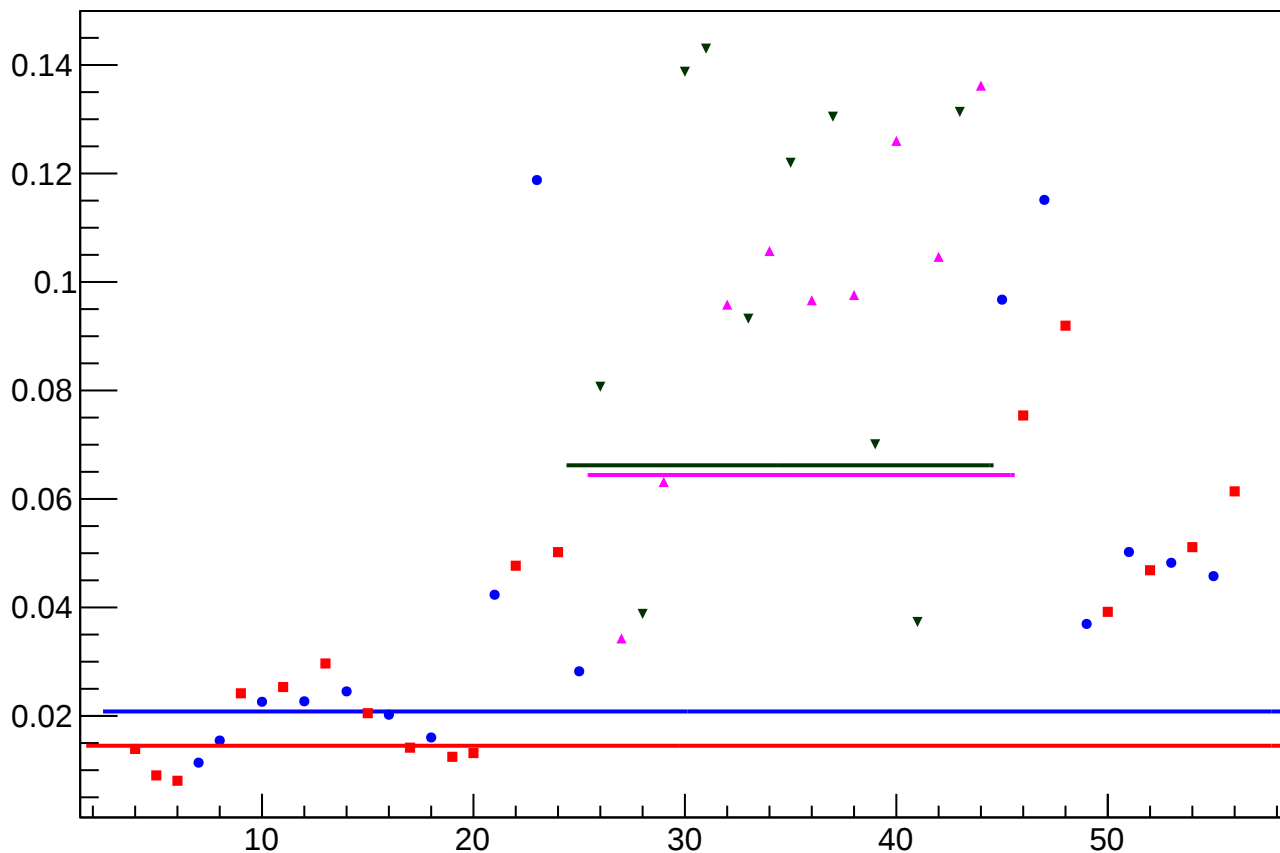
Right Out: -0.279 ± 0.000 χ^2/NDF : 10621222015.9/17

Left In: 2.661 ± 0.000 χ^2/NDF : 1577506308.7/8

0.301 ± 0.000 χ^2/NDF : 13327197483.7/25

-0.172 ± 0.000 χ^2/NDF : 18963694193.6/26

yield_bpm1Y_rms vs slug



Right In: 0.021 ± 0.000 χ^2/NDF : 3706658.0/15

Left Out: 0.066 ± 0.000 χ^2/NDF : 1777792.9/9

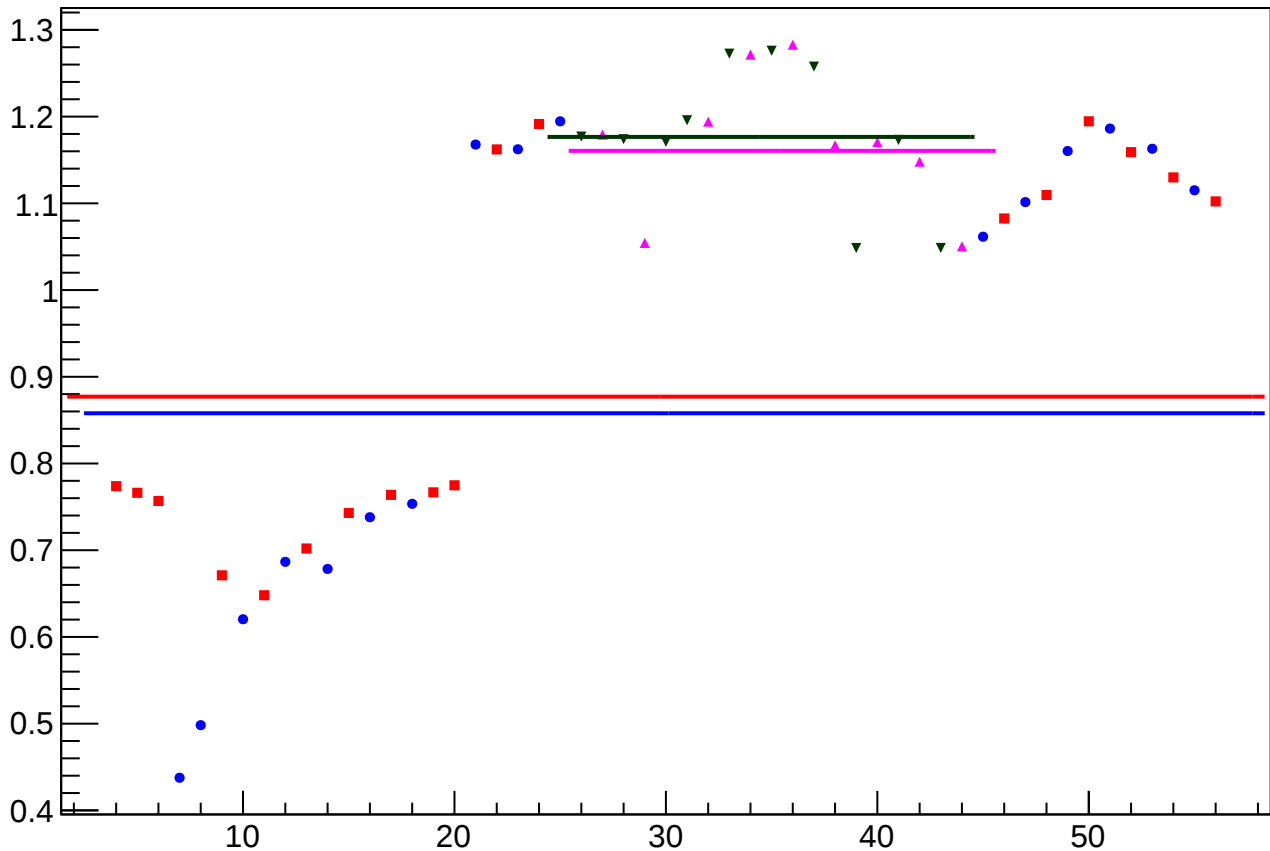
Right Out: 0.015 ± 0.000 χ^2/NDF : 4572548.7/17

Left In: 0.064 ± 0.000 χ^2/NDF : 1800340.3/8

0.023 ± 0.000 χ^2/NDF : 8098634.8/25

0.016 ± 0.000 χ^2/NDF : 10272129.3/26

yield_bpm11X_mean vs slug



Right In: 0.858 $\pm$ 0.000 χ^2/NDF : 1405347755.3/15

Left Out: 1.177 $\pm$ 0.000 χ^2/NDF :56492661.1/9

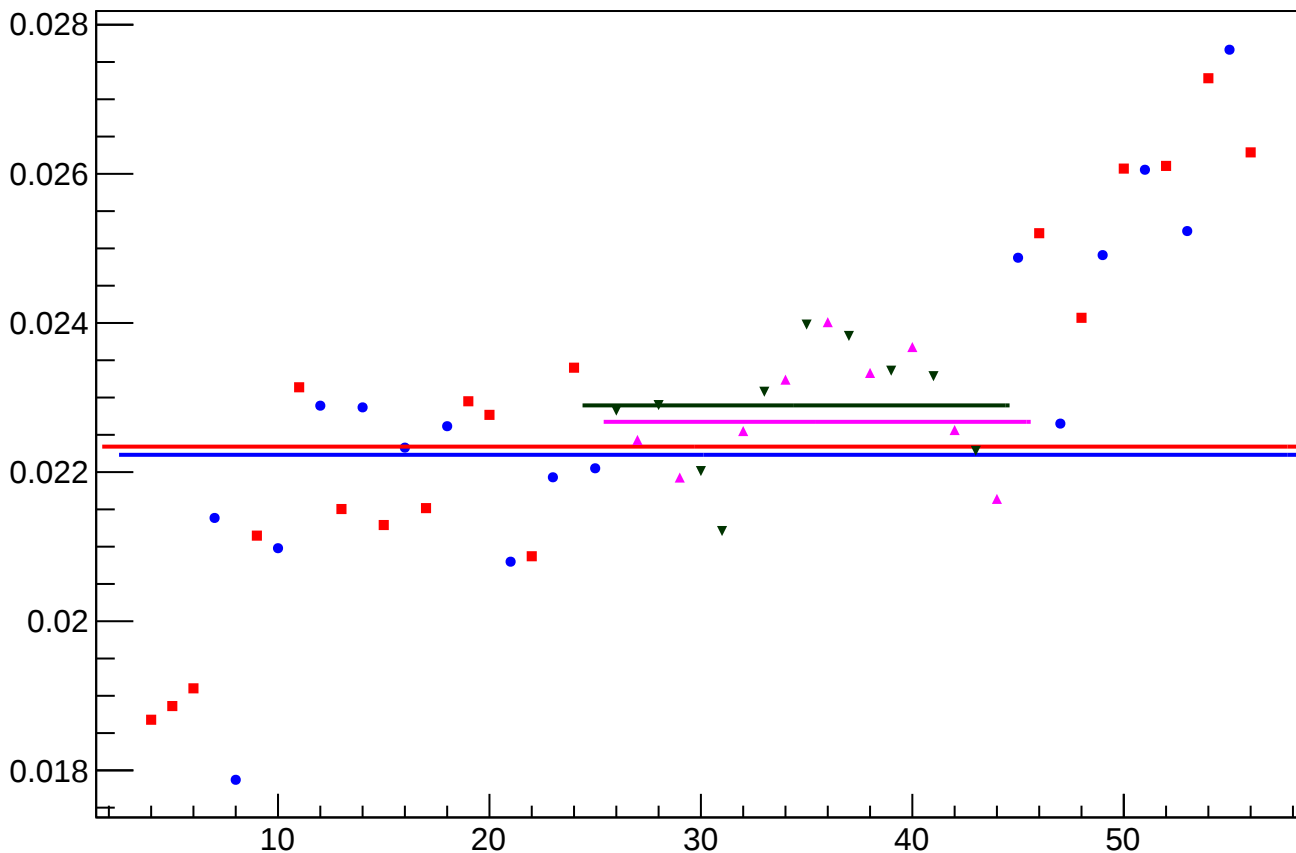
0.966 $\pm$ 0.000 χ^2/NDF : 2122630607.6/25

Right Out: 0.877 $\pm$ 0.000 χ^2/NDF : 761212479.0/17

0.982 $\pm$ 0.000 χ^2/NDF : 1354578194.2/26

Left In: 1.161 $\pm$ 0.000 χ^2/NDF :58009580.0/8

yield_bpm11X_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 226871.7/15

Left Out: 0.023+/-0.000 χ^2/NDF :11436.5/9

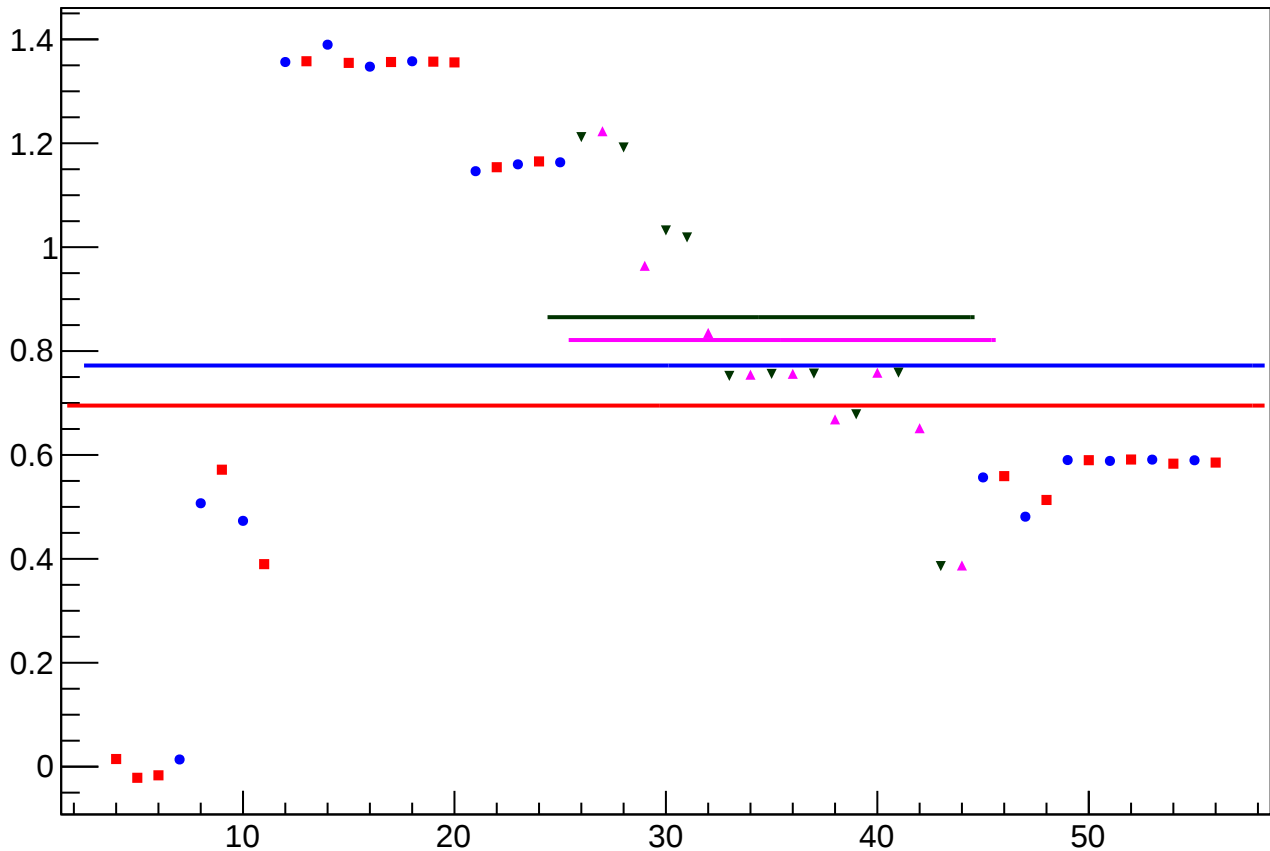
Right Out: 0.022+/-0.000 χ^2/NDF : 200469.1/17

Left In: 0.023+/-0.000 χ^2/NDF :10426.9/8

0.022+/-0.000 χ^2/NDF : 244023.5/25

0.022+/-0.000 χ^2/NDF : 212369.5/26

yield_bpm11Y_mean vs slug



Right In: 0.772 $\pm$ 0.000 χ^2/NDF : 117490381119.7/15

Left Out: 0.865 $\pm$ 0.000 χ^2/NDF :19769026573.0/9

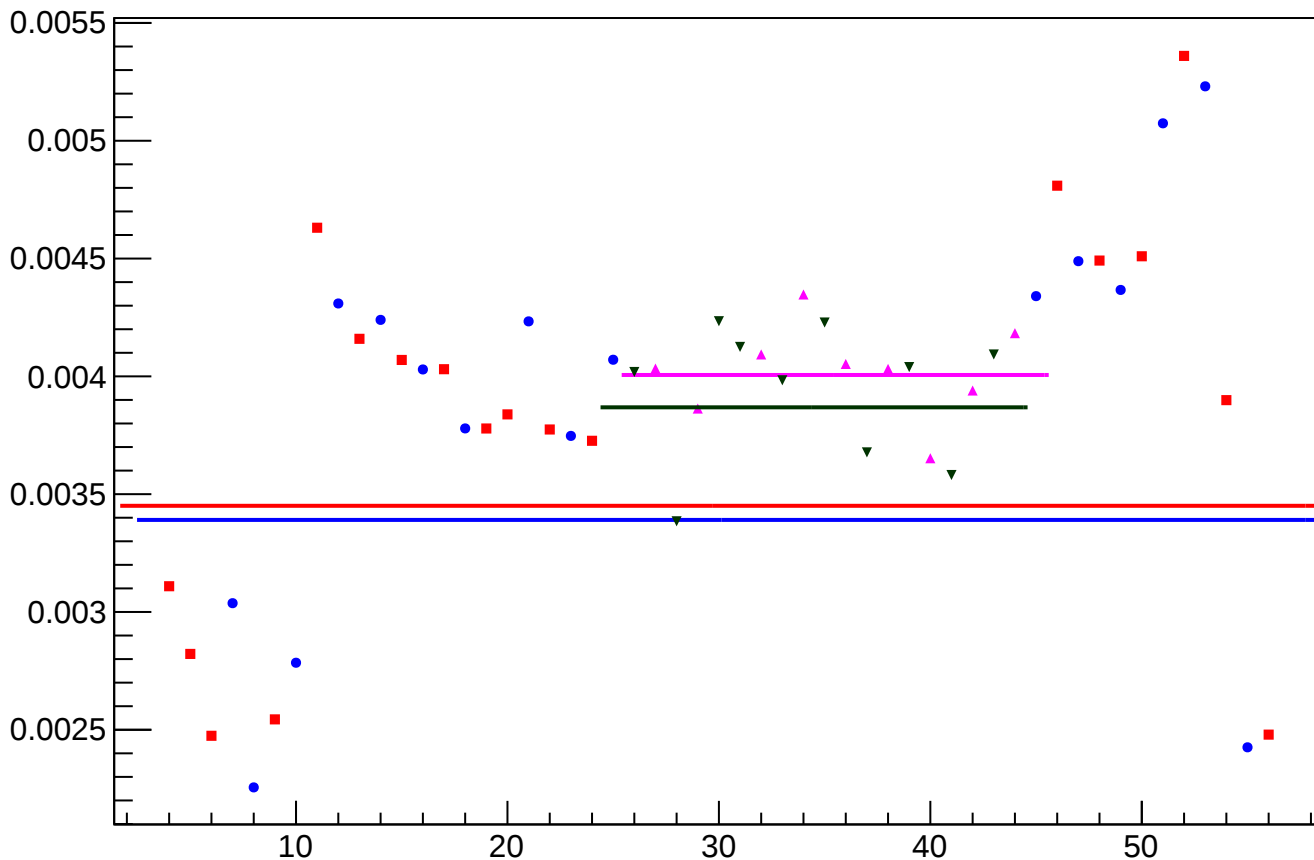
0.800 $\pm$ 0.000 χ^2/NDF : 139291147240.5/25

Right Out: 0.695 $\pm$ 0.000 χ^2/NDF : 167089170535.8/17

0.736 $\pm$ 0.000 χ^2/NDF : 187696129722.7/26

Left In: 0.821 $\pm$ 0.000 χ^2/NDF :16931746791.3/8

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1357471.0/15

Left Out: 0.004+/-0.000 χ^2/NDF : 59617.0/9

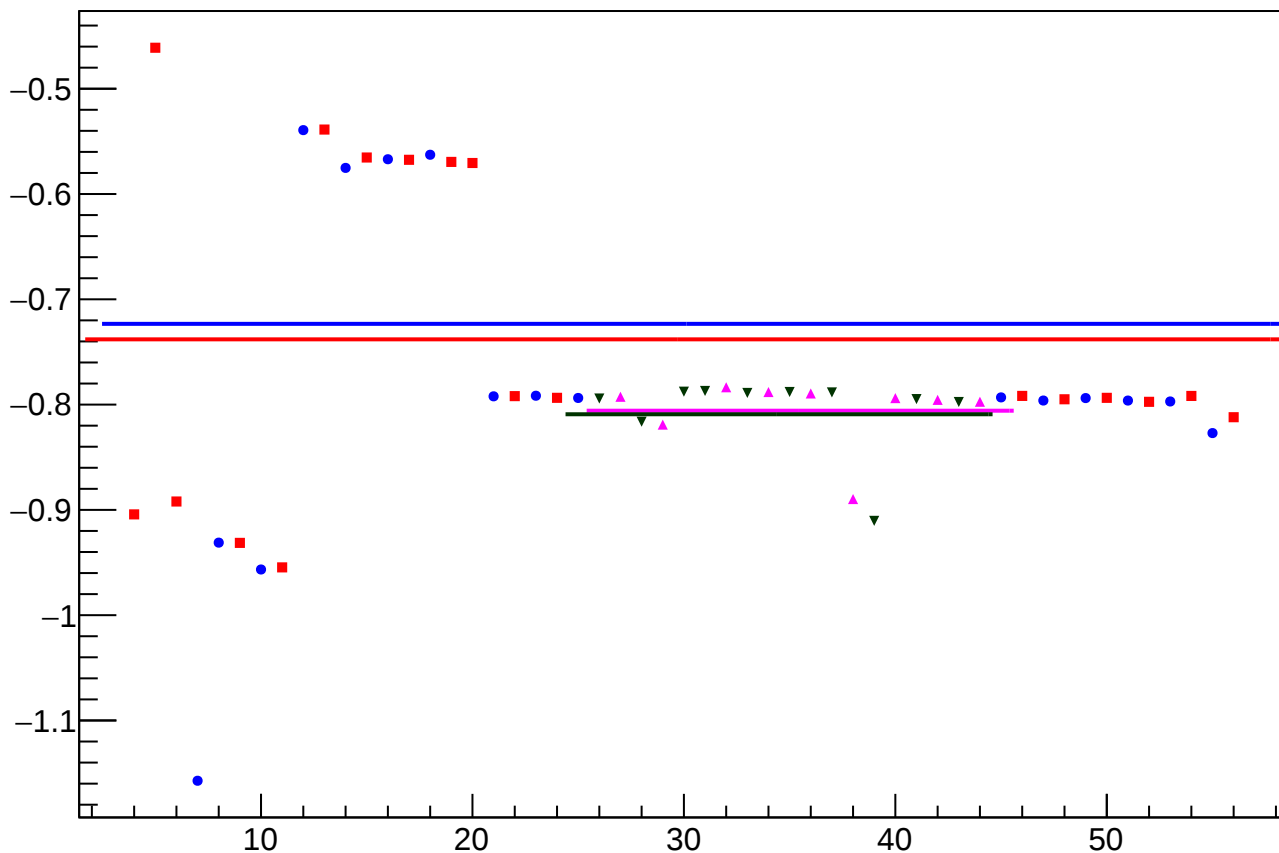
0.004+/-0.000 χ^2/NDF : 1524244.5/25

Right Out: 0.003+/-0.000 χ^2/NDF : 1056858.5/17

0.004+/-0.000 χ^2/NDF : 1219686.5/26

Left In: 0.004+/-0.000 χ^2/NDF : 20484.3/8

yield_bpm12X_mean vs slug



Right In: -0.723+/-0.000 χ^2/NDF : 2235248555.0/15

Left Out: -0.809+/-0.000 χ^2/NDF : 119027161.1/9

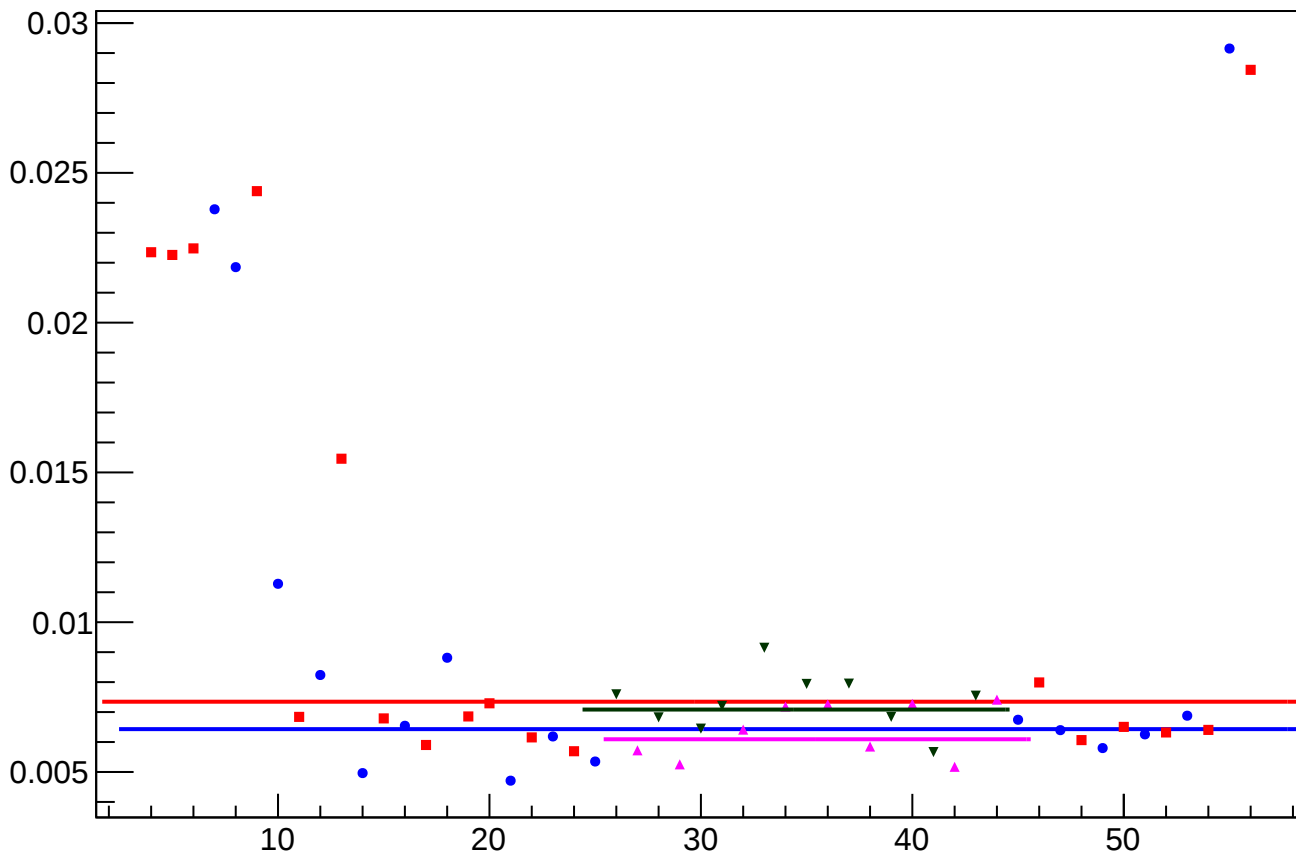
Right Out: -0.738+/-0.000 χ^2/NDF : 1912116682.9/17

Left In: -0.806+/-0.000 χ^2/NDF : 95429738.5/8

-0.752+/-0.000 χ^2/NDF : 2739732959.2/25

-0.771+/-0.000 χ^2/NDF : 2260909519.2/26

yield_bpm12X_rms vs slug



Right In: 0.006 ± 0.000 χ^2/NDF : 2475537.5/15

Left Out: 0.007 ± 0.000 χ^2/NDF : 128168.7/9

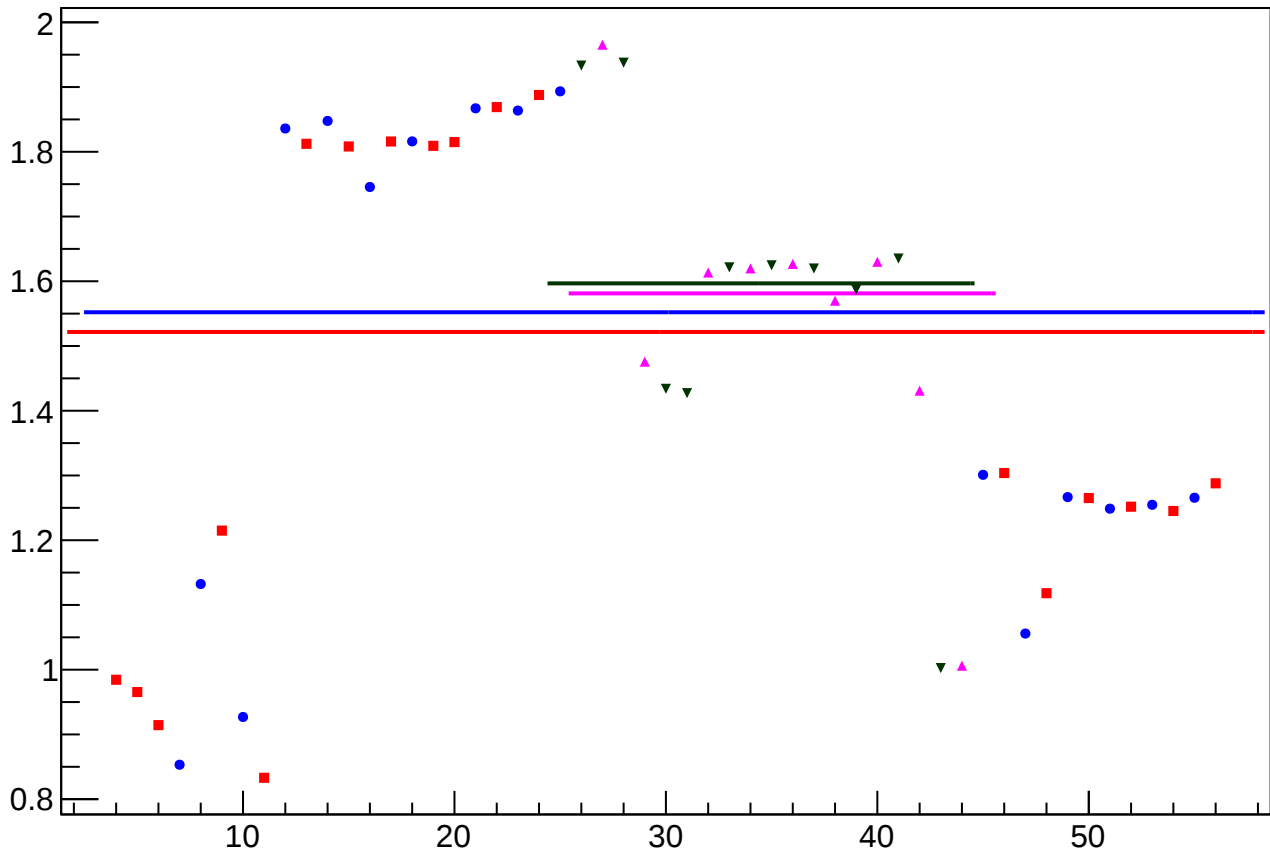
Right Out: 0.007 ± 0.000 χ^2/NDF : 2900925.4/17

Left In: 0.006 ± 0.000 χ^2/NDF : 142266.3/8

0.007 ± 0.000 χ^2/NDF : 2648370.8/25

0.007 ± 0.000 χ^2/NDF : 3216565.7/26

yield_bpm12Y_mean vs slug



Right In: 1.552 $\pm$ 0.000 χ^2 /NDF: 20969176854.4/15

Left Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 6672070685.1/9

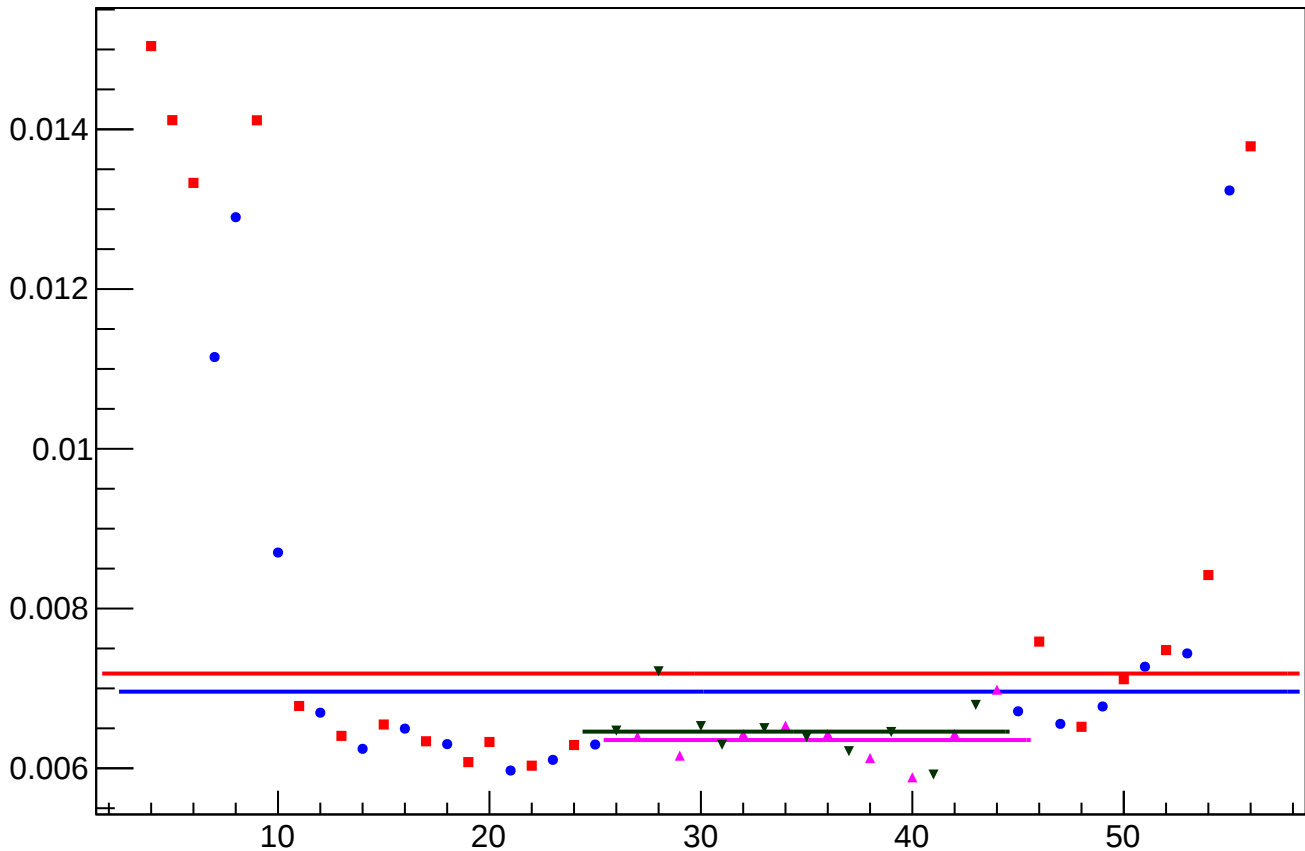
1.570 $\pm$ 0.000 χ^2 /NDF: 27783051151.5/25

Right Out: 1.522 $\pm$ 0.000 χ^2 /NDF: 21406975150.9/17

1.548 $\pm$ 0.000 χ^2 /NDF: 28413657350.6/26

Left In: 1.581 $\pm$ 0.000 χ^2 /NDF: 6756929993.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 845859.3/15

Left Out: 0.006+/-0.000 χ^2/NDF :26704.2/9

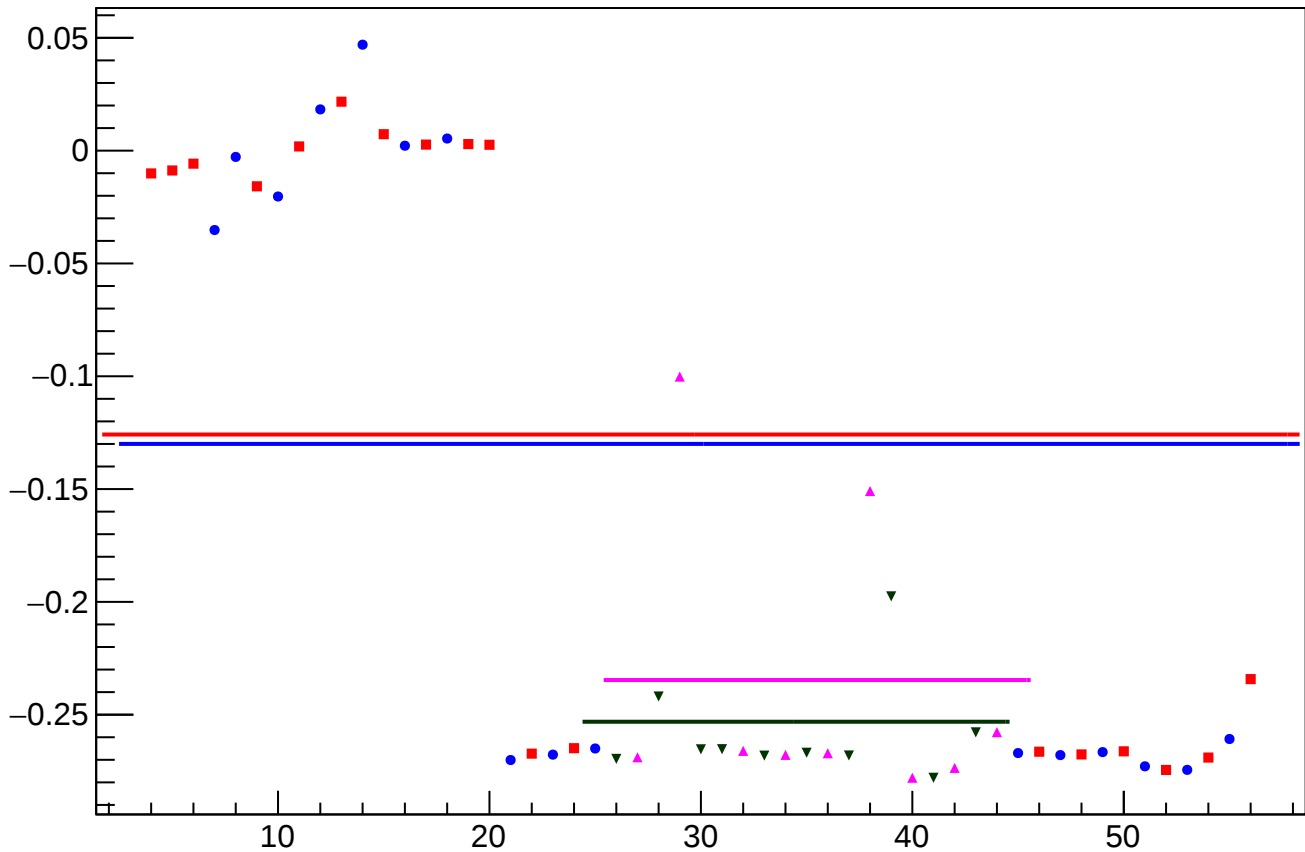
0.007+/-0.000 χ^2/NDF : 908271.6/25

Right Out: 0.007+/-0.000 χ^2/NDF : 1231298.9/17

0.007+/-0.000 χ^2/NDF : 1346576.5/26

Left In: 0.006+/-0.000 χ^2/NDF :17689.1/8

yield_bpm16X_mean vs slug



Right In: -0.130+/-0.000 χ^2/NDF : 6899169312.1/15

Left Out: -0.253+/-0.000 χ^2/NDF :114103318.3/9

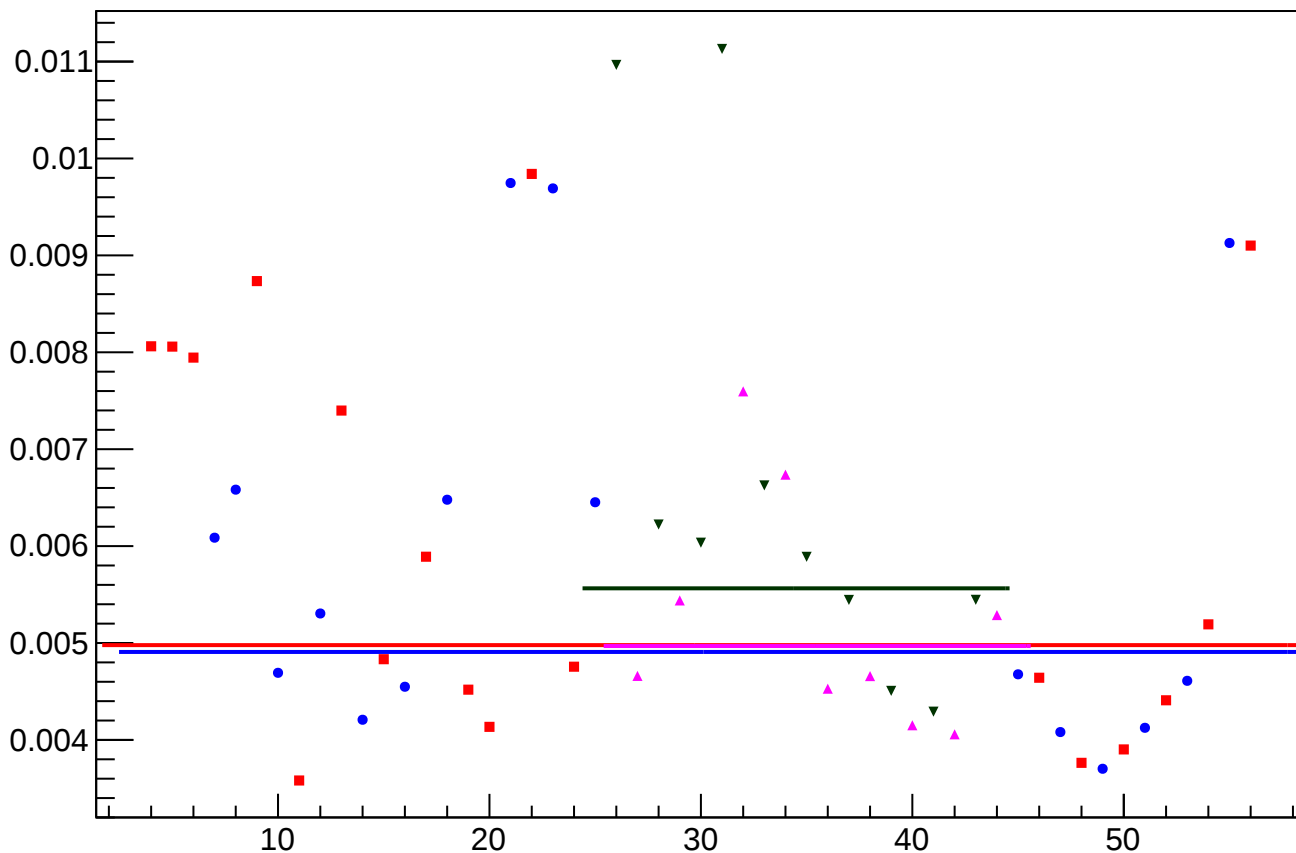
-0.166+/-0.000 χ^2/NDF : 8559561388.5/25

Right Out: -0.126+/-0.000 χ^2/NDF : 5719653967.0/17

-0.168+/-0.000 χ^2/NDF : 7931938514.4/26

Left In: -0.235+/-0.000 χ^2/NDF :787599053.3/8

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 1347538.0/15

Left Out: 0.006+/-0.000 χ^2/NDF :608011.7/9

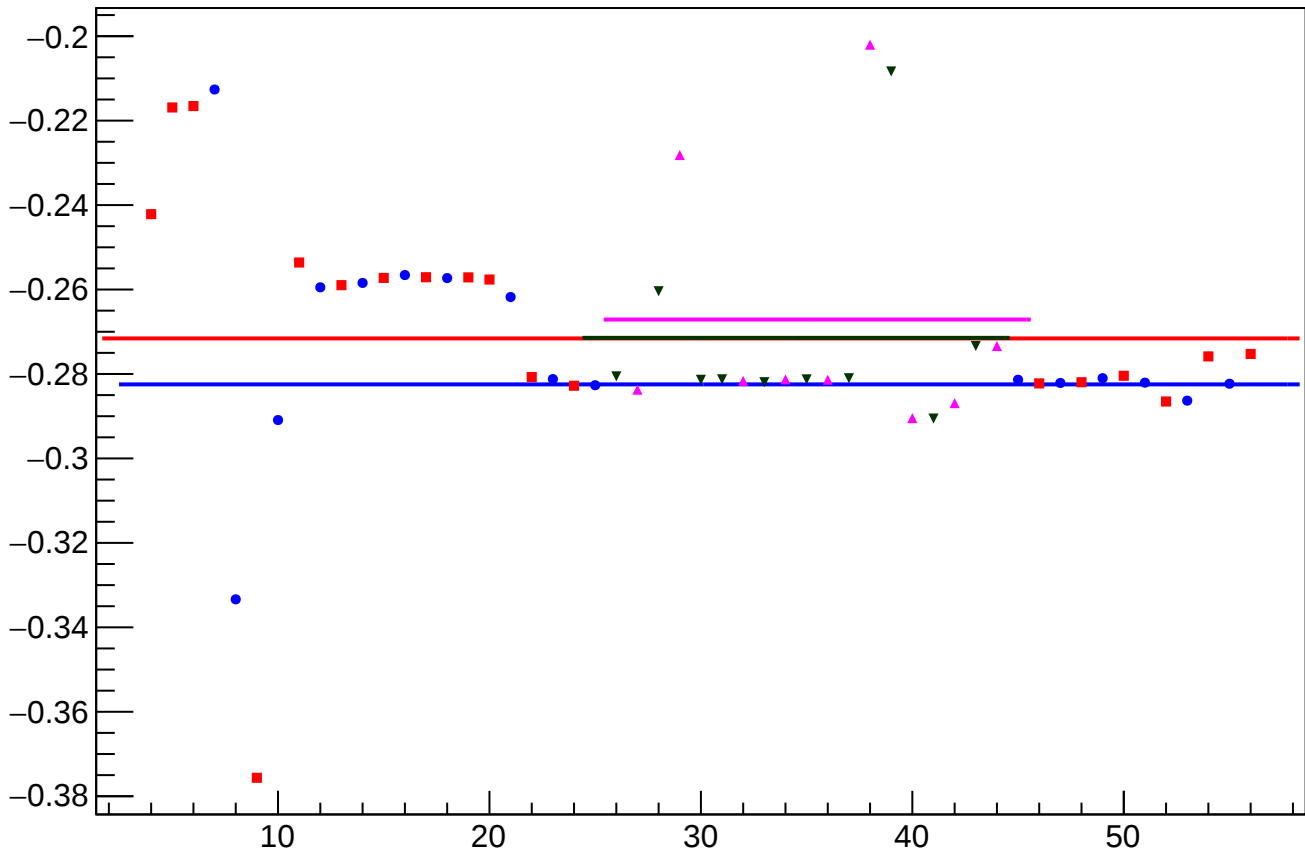
Right Out: 0.005+/-0.000 χ^2/NDF : 1617077.7/17

Left In: 0.005+/-0.000 χ^2/NDF :366477.9/8

0.005+/-0.000 χ^2/NDF : 2043434.0/25

0.005+/-0.000 χ^2/NDF : 1983577.2/26

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 1067810348.1/15

Left Out: -0.271+/-0.000 χ^2/NDF : 349277523.0/9

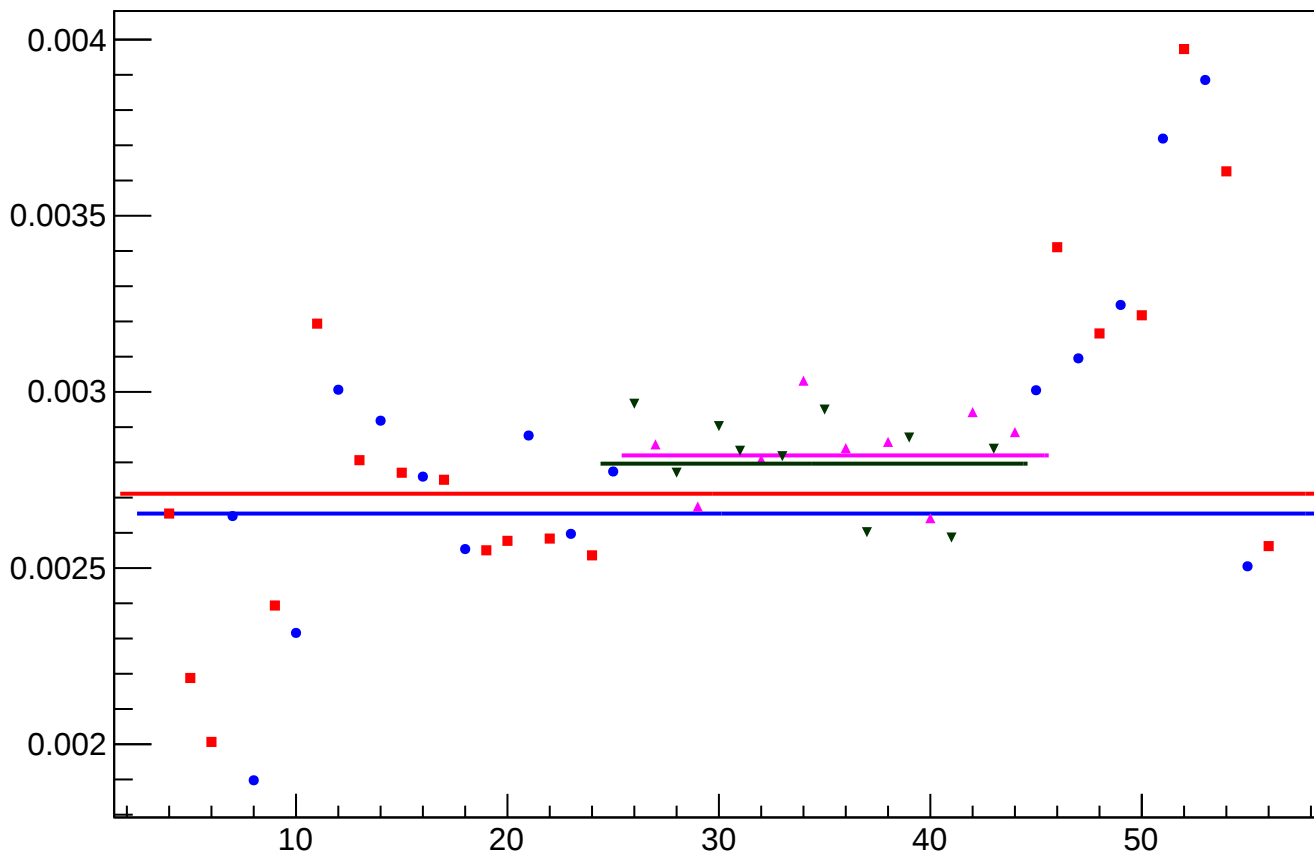
-0.279+/-0.000 χ^2/NDF : 1470327163.0/25

Right Out: -0.272+/-0.000 χ^2/NDF : 1963859160.7/17

-0.270+/-0.000 χ^2/NDF : 2526262929.5/26

Left In: -0.267+/-0.000 χ^2/NDF : 553669253.3/8

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 627724.4/15

Left Out: 0.003+/-0.000 χ^2/NDF :22003.3/9

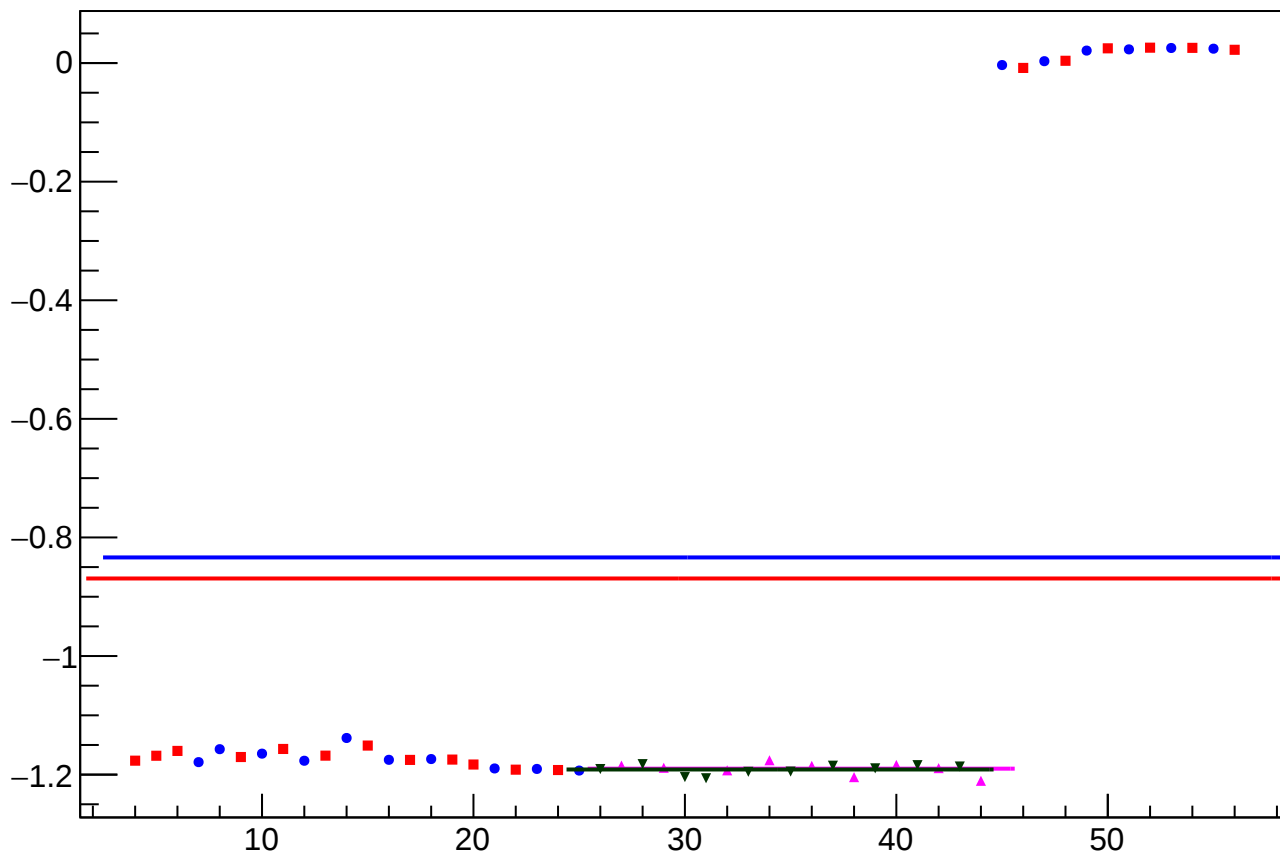
Right Out: 0.003+/-0.000 χ^2/NDF : 476105.6/17

Left In: 0.003+/-0.000 χ^2/NDF :16488.2/8

0.003+/-0.000 χ^2/NDF : 667342.1/25

0.003+/-0.000 χ^2/NDF : 502904.5/26

yield_bpm2i01X_mean vs slug



Right In: -0.834+/-0.000 χ^2/NDF : 51128589245.9/15

Left Out: -1.191+/-0.000 χ^2/NDF : 4812748.3/9

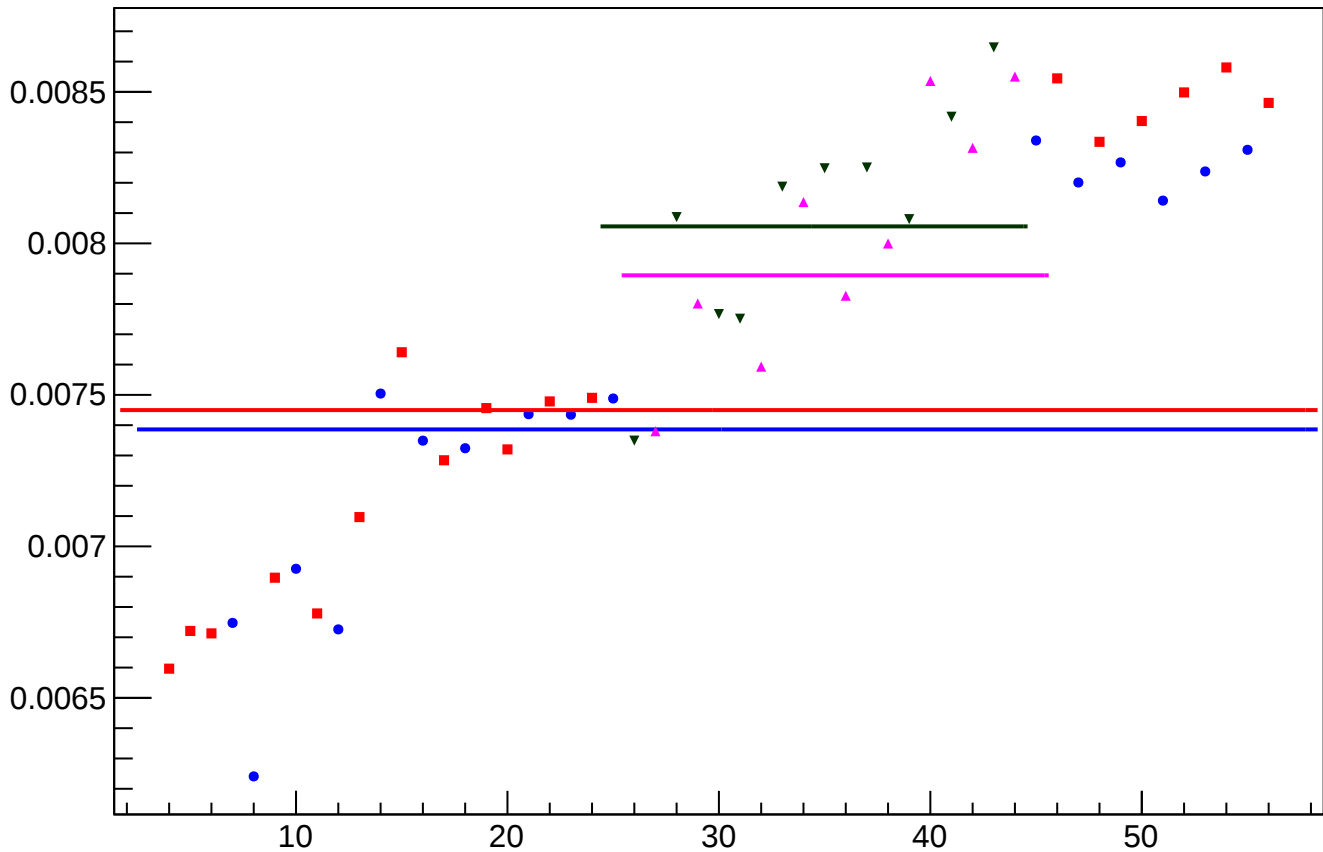
Right Out: -0.869+/-0.000 χ^2/NDF : 44955868437.9/17

Left In: -1.190+/-0.000 χ^2/NDF : 6924812.0/8

-0.945+/-0.000 χ^2/NDF : 58265530524.6/25

-0.980+/-0.000 χ^2/NDF : 50934221889.2/26

yield_bpm2i01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 161782.1/15

Left Out: 0.008+/-0.000 χ^2/NDF :19479.9/9

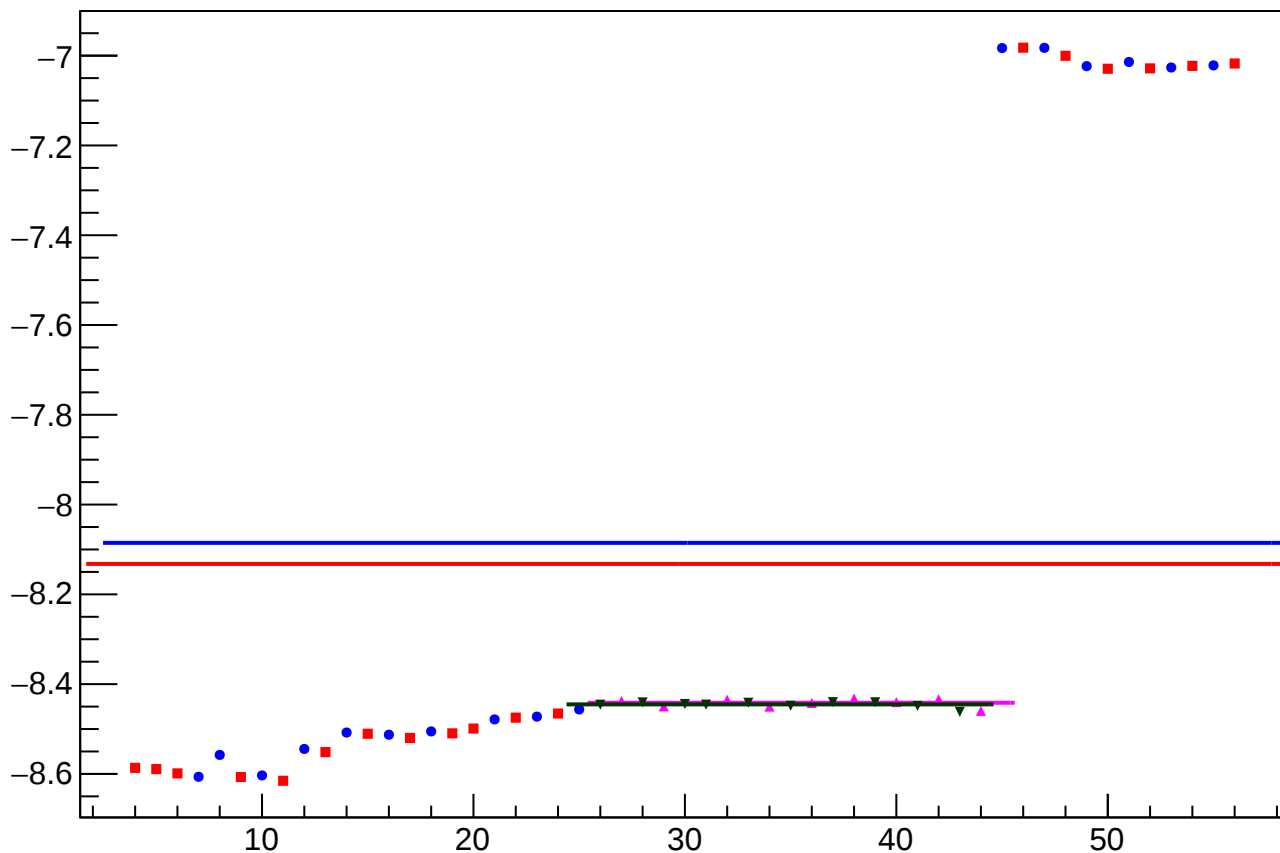
0.008+/-0.000 χ^2/NDF : 231333.5/25

Right Out: 0.007+/-0.000 χ^2/NDF : 148099.4/17

0.008+/-0.000 χ^2/NDF : 197239.0/26

Left In: 0.008+/-0.000 χ^2/NDF :26175.0/8

yield_bpm2i01Y_mean vs slug



Right In: -8.085+/-0.000 χ^2/NDF : 94878598693.1/15

Left Out: -8.445+/-0.000 χ^2/NDF : 3367094.4/9

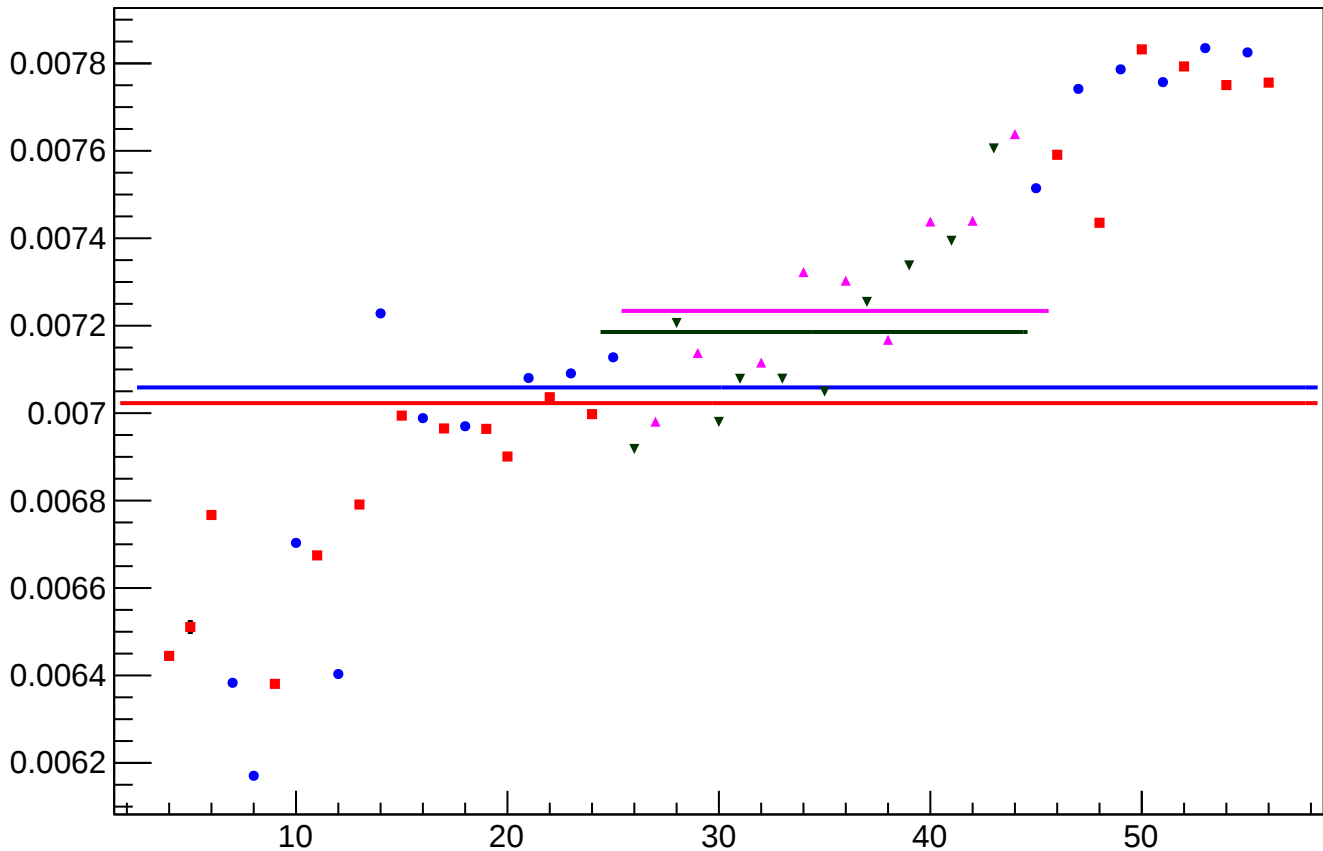
Right Out: -8.132+/-0.000 χ^2/NDF : 89258180682.0/17

Left In: -8.441+/-0.000 χ^2/NDF : 7266938.1/8

-8.209+/-0.000 χ^2/NDF : 103693106320.0/25

-8.244+/-0.000 χ^2/NDF : 95851014767.2/26

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 116595.4/15

Left Out: 0.007+/-0.000 χ^2/NDF : 7631.6/9

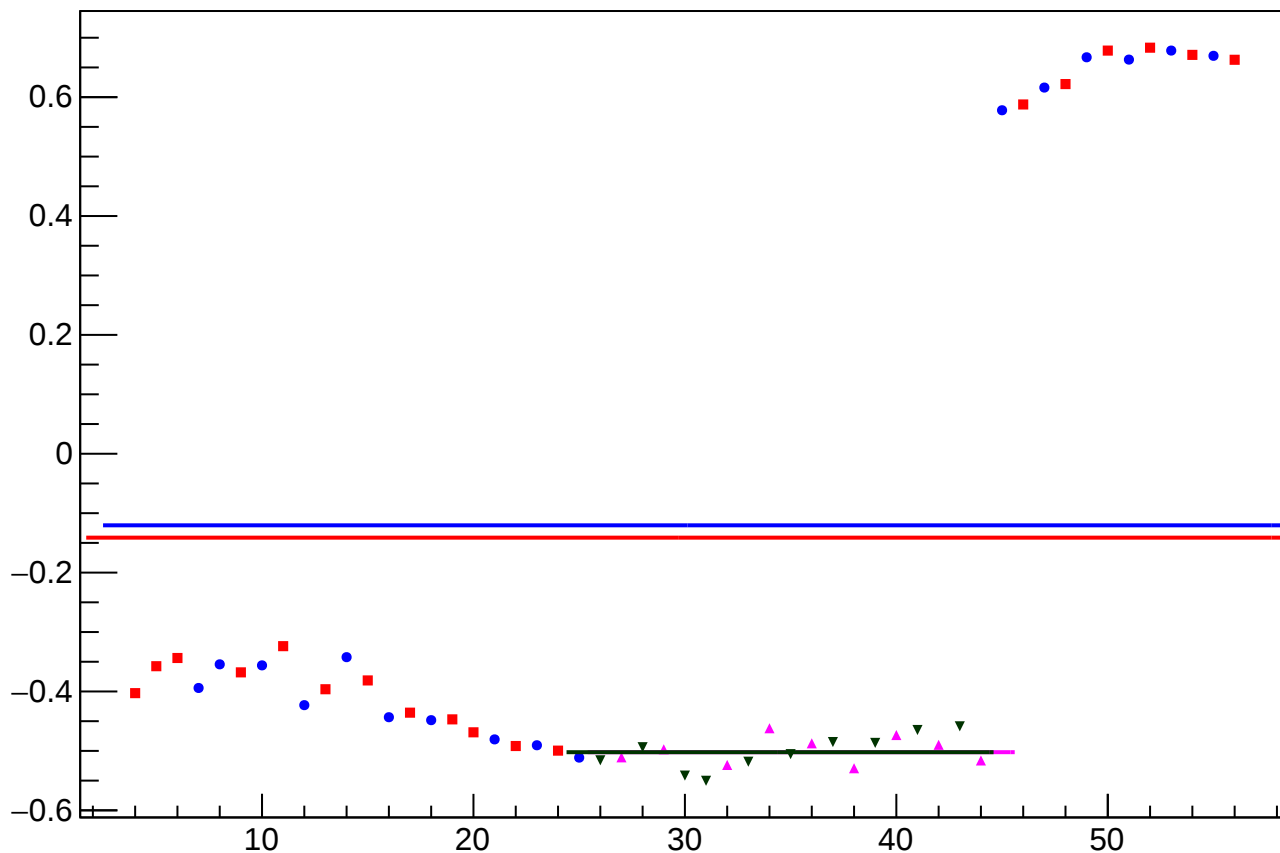
Right Out: 0.007+/-0.000 χ^2/NDF : 79729.1/17

Left In: 0.007+/-0.000 χ^2/NDF : 7802.2/8

0.007+/-0.000 χ^2/NDF : 126417.9/25

0.007+/-0.000 χ^2/NDF : 93653.8/26

yield_bpm2i02X_mean vs slug



Right In: -0.120+/-0.000 χ^2/NDF : 6226251518.7/15

Left Out: -0.502+/-0.000 χ^2/NDF : 9337230.3/9

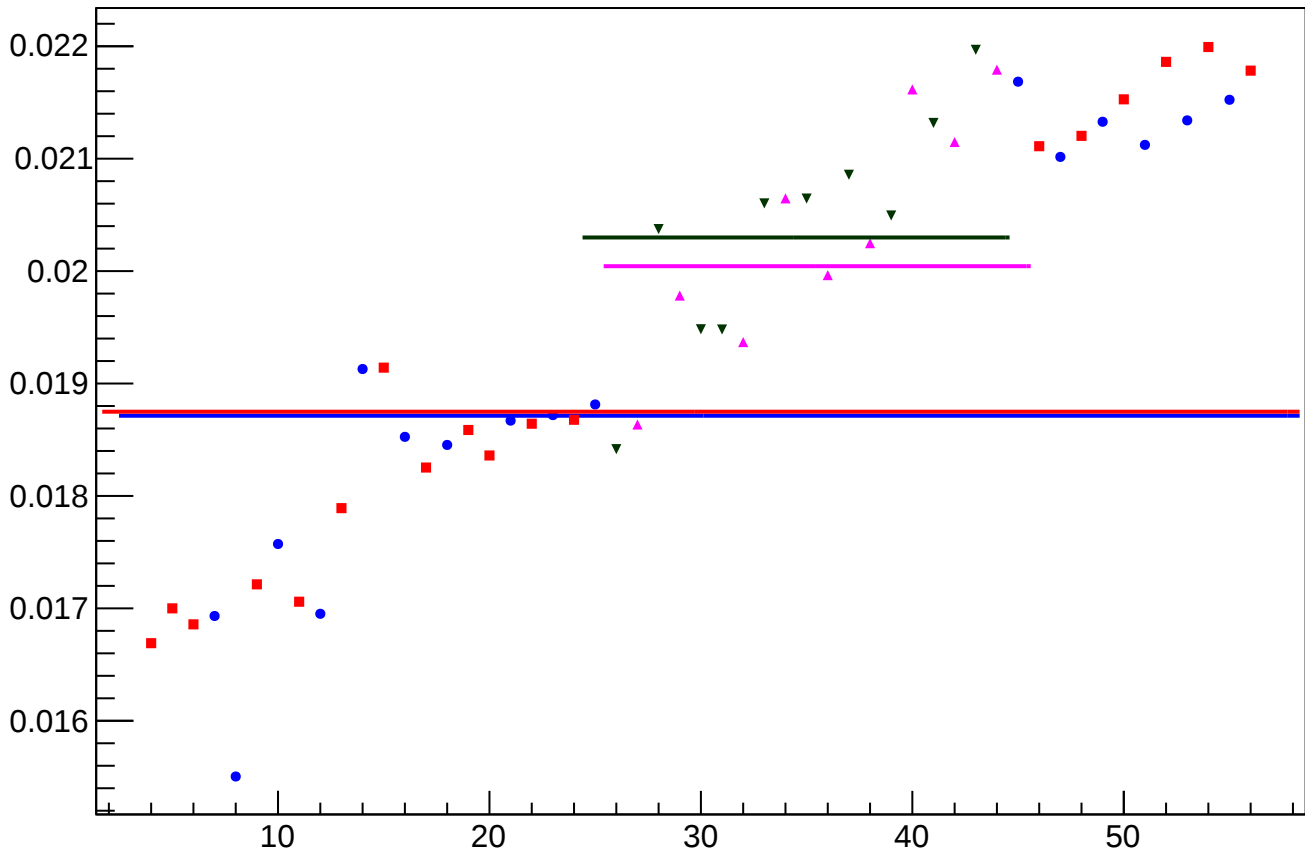
Right Out: -0.141+/-0.000 χ^2/NDF : 5575729370.8/17

Left In: -0.502+/-0.000 χ^2/NDF : 5607835.8/8

-0.240+/-0.000 χ^2/NDF : 7512817788.3/25

-0.265+/-0.000 χ^2/NDF : 6763562334.7/26

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 210523.4/15

Left Out: 0.020+/-0.000 χ^2/NDF :22702.3/9

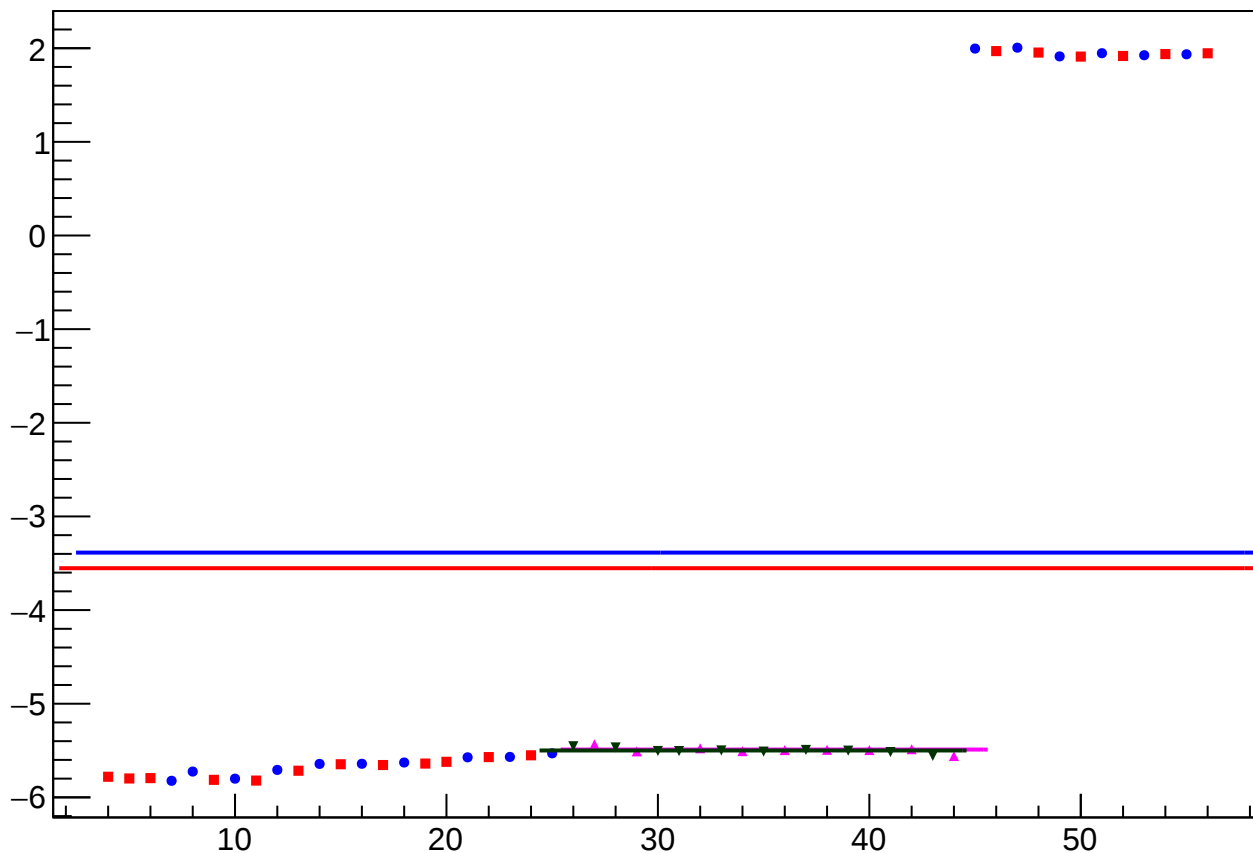
Right Out: 0.019+/-0.000 χ^2/NDF : 166717.6/17

Left In: 0.020+/-0.000 χ^2/NDF :27295.1/8

0.019+/-0.000 χ^2/NDF : 277297.9/25

0.019+/-0.000 χ^2/NDF : 224412.8/26

yield_bpm2i02Y_mean vs slug



Right In: -3.386+/-0.000 χ^2/NDF : 799997385029.1/15

Left Out: -5.499+/-0.000 χ^2/NDF : 23863148.1/9

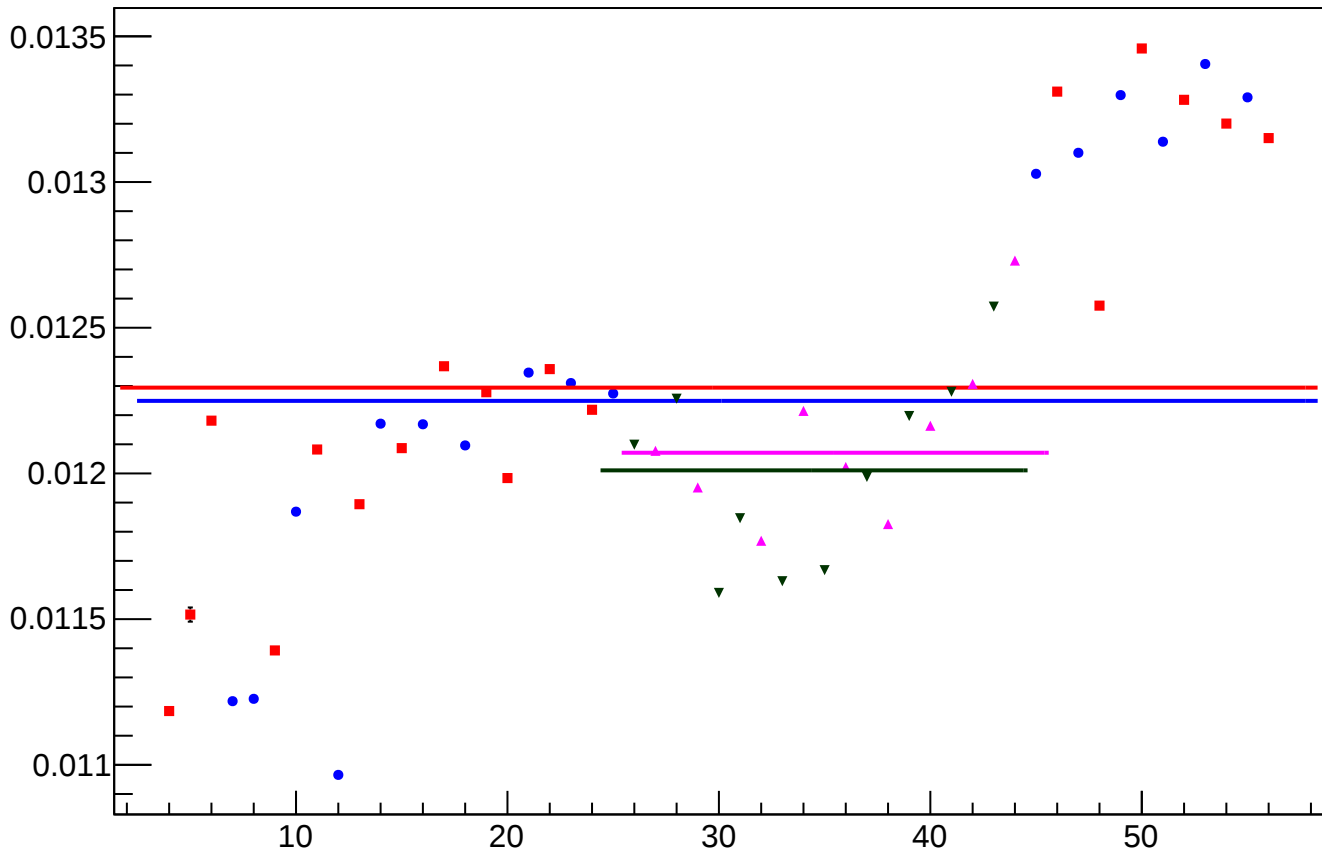
Right Out: -3.553+/-0.000 χ^2/NDF : 731981834998.2/17

Left In: -5.490+/-0.000 χ^2/NDF : 37957034.6/8

-4.150+/-0.000 χ^2/NDF : 905827793276.2/25

-4.298+/-0.000 χ^2/NDF : 821257686824.6/26

yield_bpm2i02Y_rms vs slug



Right In: 0.012+/-0.000 χ^2 /NDF: 75195.5/15

Left Out: 0.012+/-0.000 χ^2 /NDF:6913.8/9

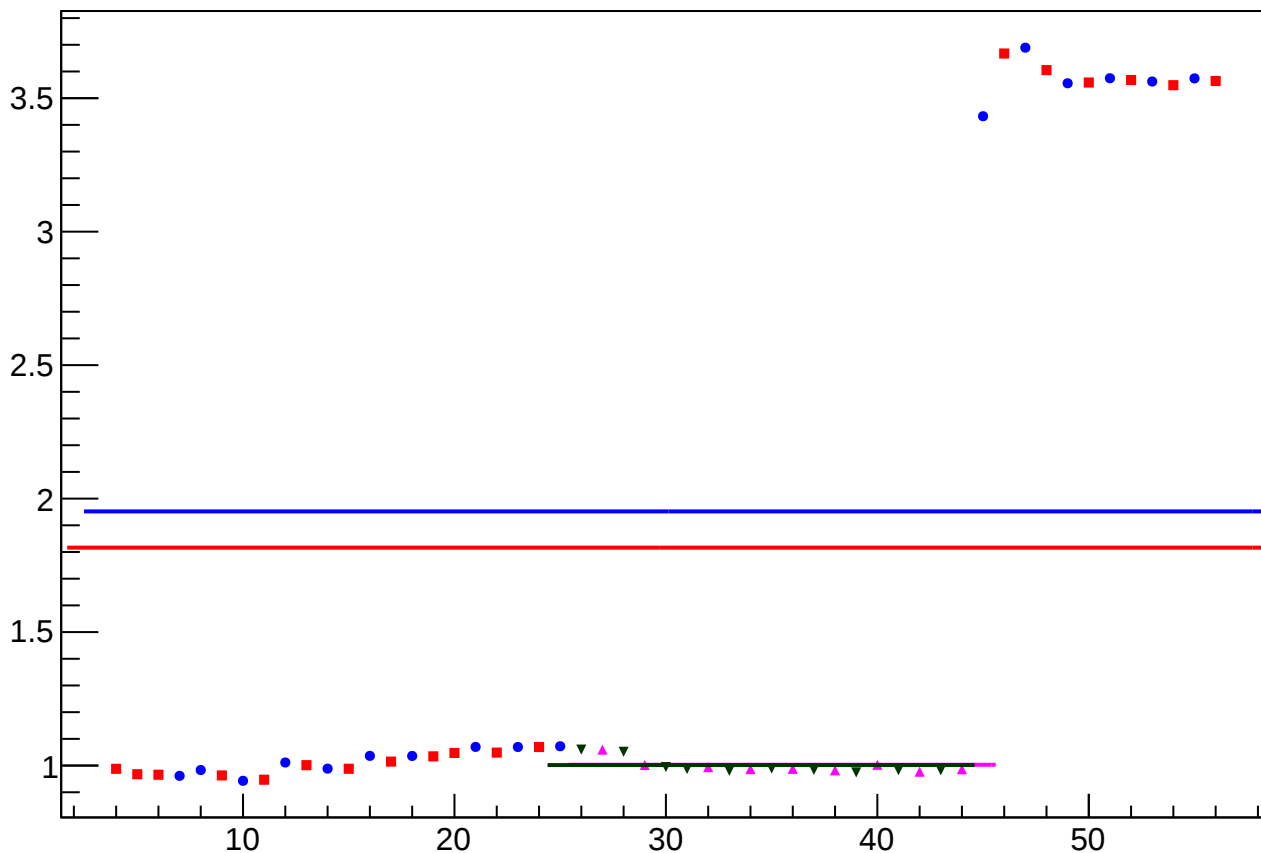
0.012+/-0.000 χ^2 /NDF: 84804.6/25

Right Out: 0.012+/-0.000 χ^2 /NDF: 50651.9/17

0.012+/-0.000 χ^2 /NDF: 58157.9/26

Left In: 0.012+/-0.000 χ^2 /NDF:5130.3/8

yield_bpm1i04X_mean vs slug



Right In: 1.952+/-0.000 χ^2/NDF : 246849771524.5/15

Left Out: 1.002+/-0.000 χ^2/NDF : 93267140.0/9

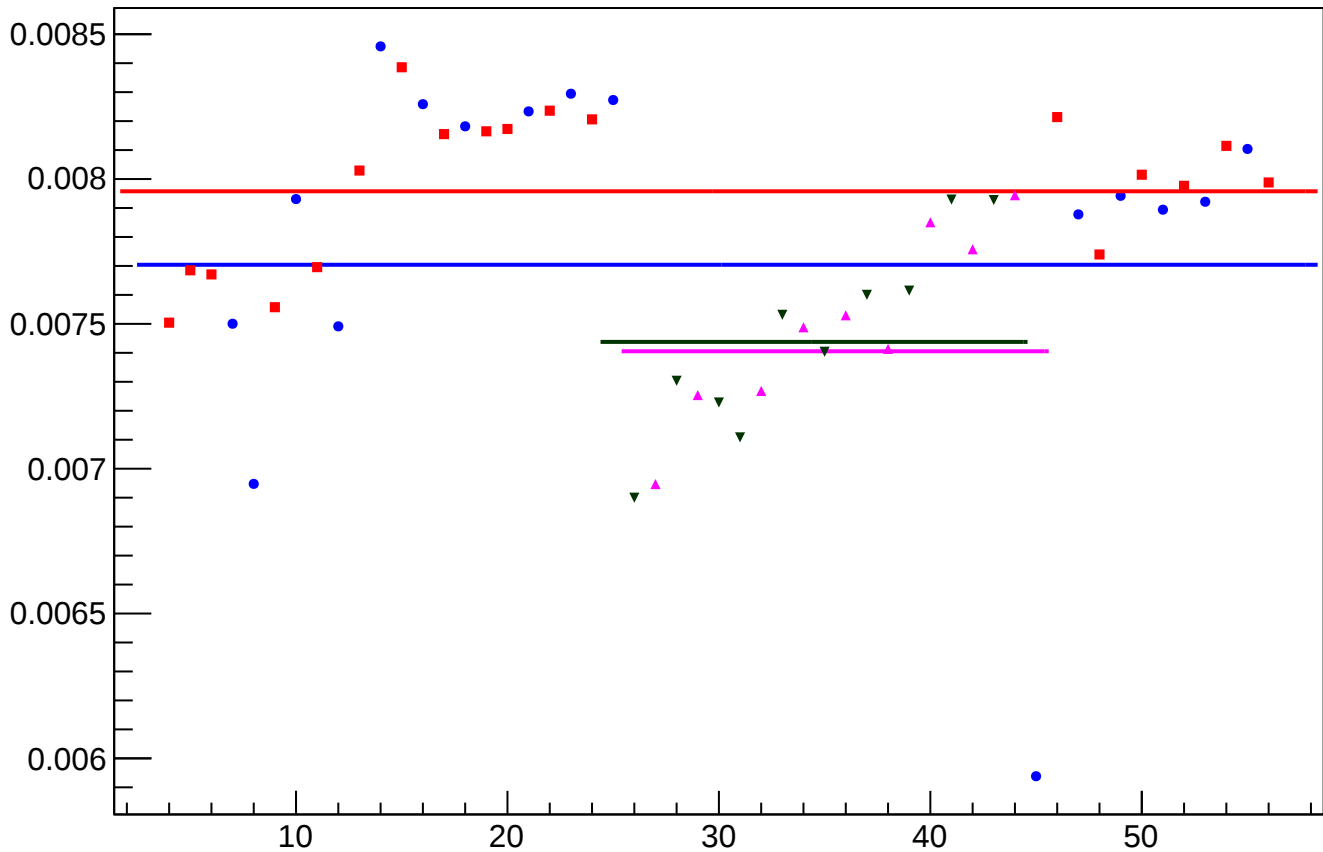
Right Out: 1.816+/-0.000 χ^2/NDF : 213080093209.0/17

Left In: 1.003+/-0.000 χ^2/NDF : 73816796.1/8

1.602+/-0.000 χ^2/NDF : 301463255757.5/25

1.485+/-0.000 χ^2/NDF : 252850270242.3/26

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 174472.4/15

Left Out: 0.007+/-0.000 χ^2/NDF :18100.0/9

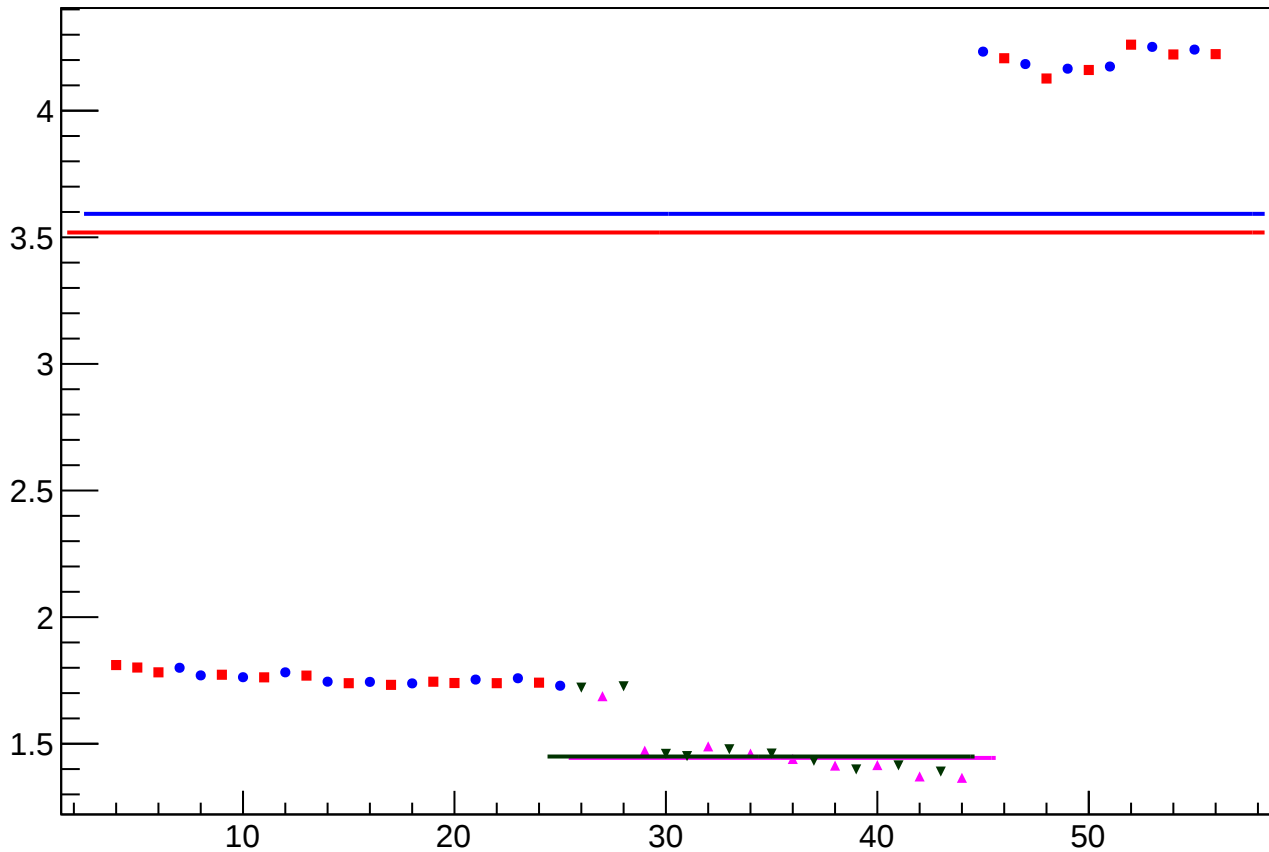
0.008+/-0.000 χ^2/NDF : 201134.2/25

Right Out: 0.008+/-0.000 χ^2/NDF : 19643.6/17

0.008+/-0.000 χ^2/NDF : 75197.6/26

Left In: 0.007+/-0.000 χ^2/NDF :18945.2/8

yield_bpm1i04Y_mean vs slug



Right In: 3.593+/-0.000 χ^2/NDF : 464959925649.8/15

Left Out: 1.450+/-0.000 χ^2/NDF : 719591225.9/9

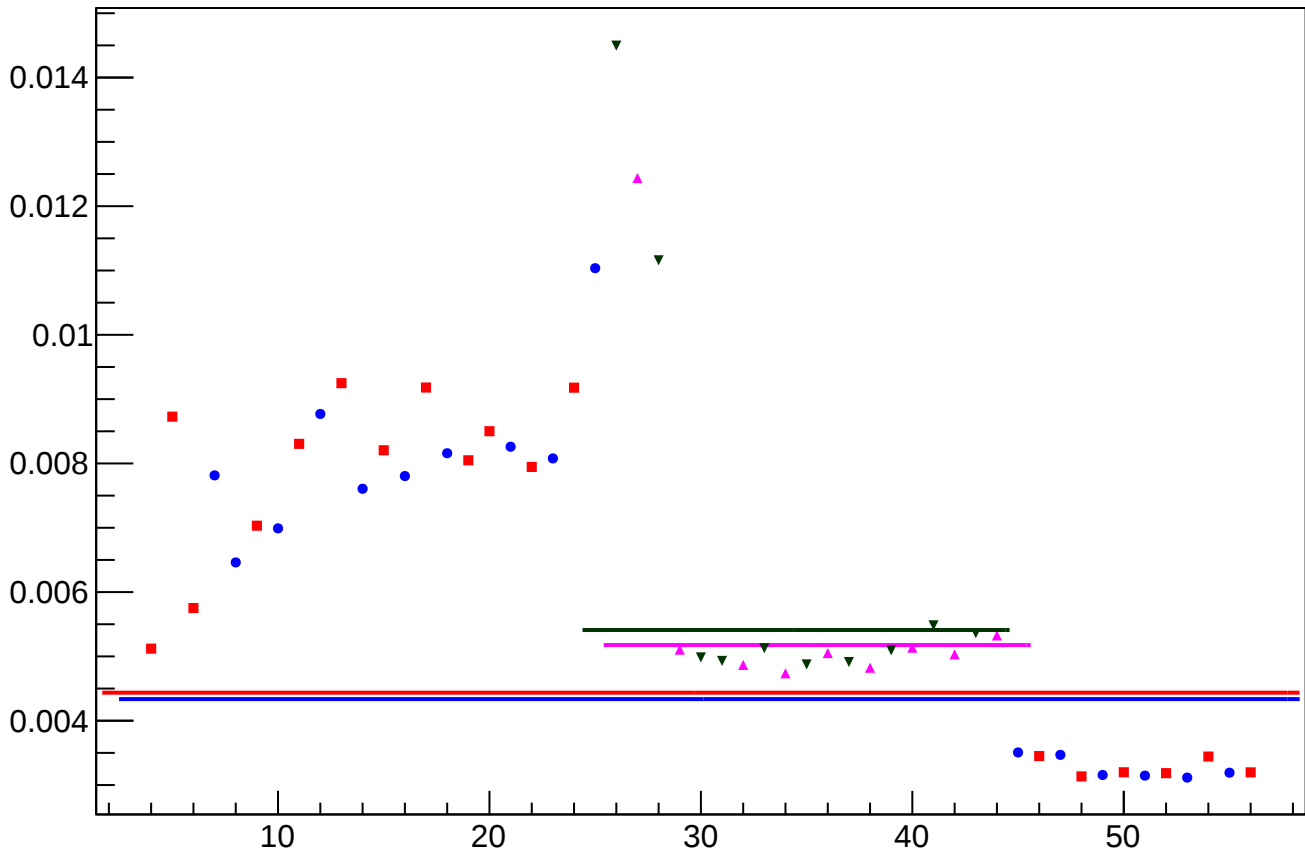
2.997+/-0.000 χ^2/NDF : 994362242666.0/25

Right Out: 3.519+/-0.000 χ^2/NDF : 447709982460.9/17

2.826+/-0.000 χ^2/NDF : 987193269616.4/26

Left In: 1.444+/-0.000 χ^2/NDF : 633323170.8/8

yield_bpm1i04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 3147451.7/15

Left Out: 0.005+/-0.000 χ^2/NDF : 753040.6/9

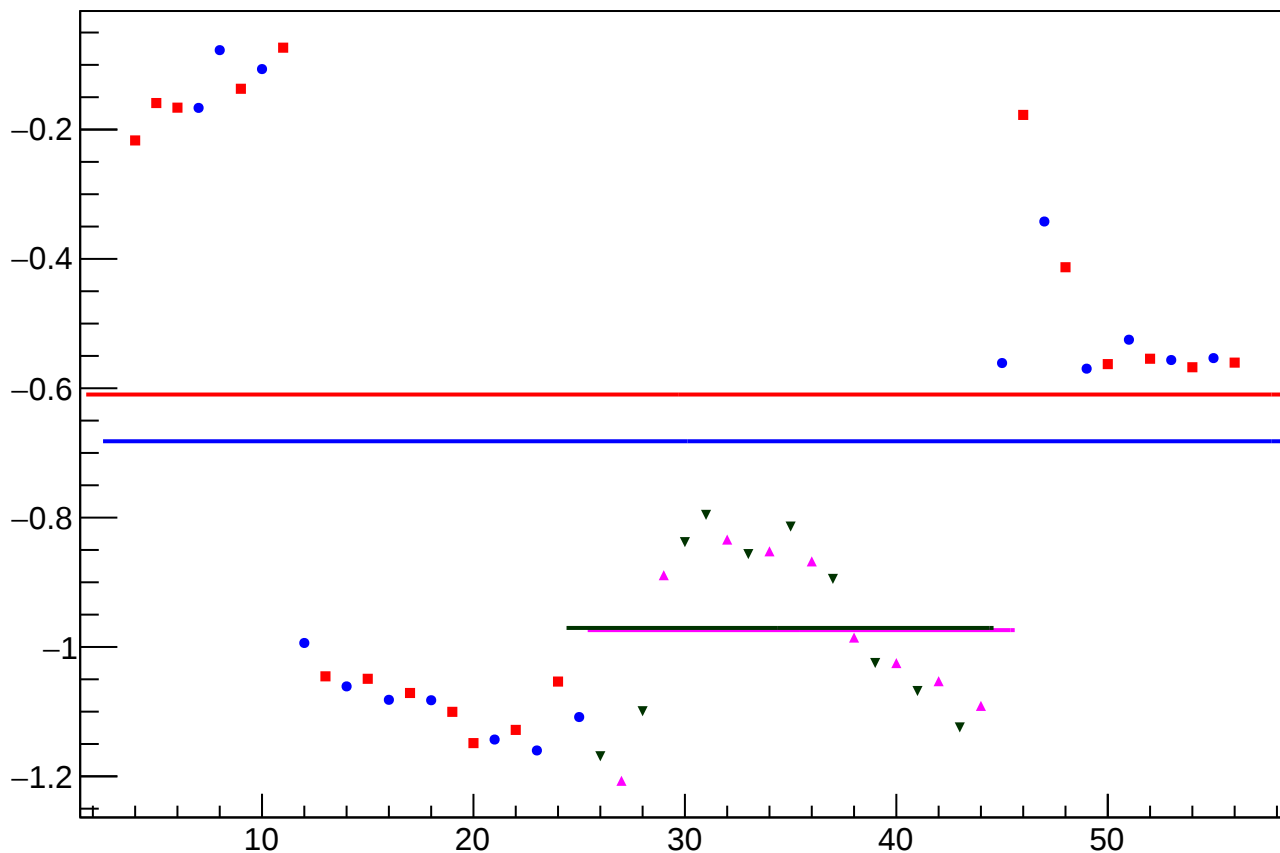
0.005+/-0.000 χ^2/NDF : 4166262.8/25

Right Out: 0.004+/-0.000 χ^2/NDF : 3138735.3/17

0.005+/-0.000 χ^2/NDF : 3790177.2/26

Left In: 0.005+/-0.000 χ^2/NDF : 514197.3/8

yield_bpm0l01X_mean vs slug



Right In: -0.682+/-0.000 χ^2/NDF : 18872842923.5/15

Left Out: -0.971+/-0.000 χ^2/NDF : 1156218036.6/9

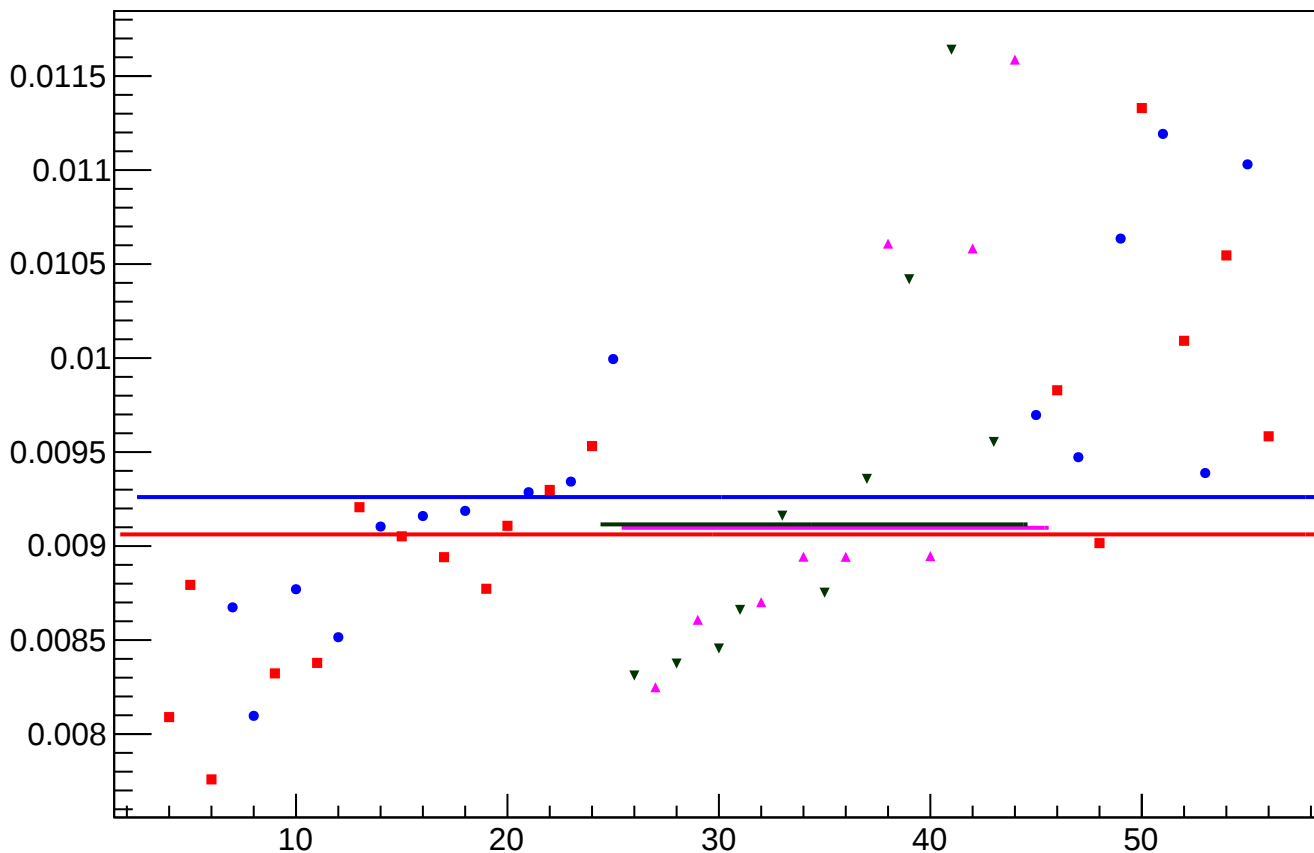
Right Out: -0.610+/-0.000 χ^2/NDF : 19197886405.6/17

Left In: -0.974+/-0.000 χ^2/NDF : 1225322966.4/8

-0.784+/-0.000 χ^2/NDF : 23354219495.5/25

-0.746+/-0.000 χ^2/NDF : 25935331818.6/26

yield_bpm0l01X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 141049.0/15

Left Out: 0.009+/-0.000 χ^2/NDF :104201.5/9

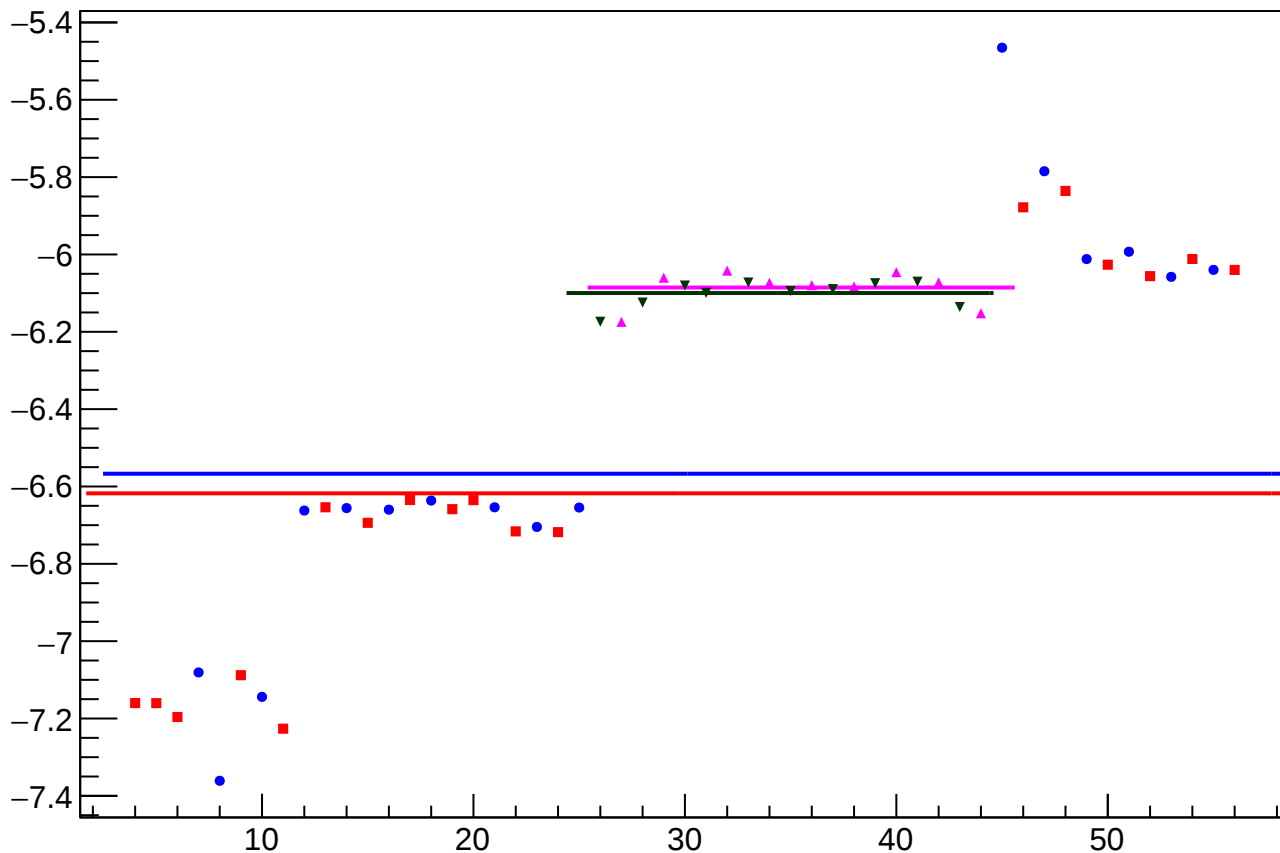
Right Out: 0.009+/-0.000 χ^2/NDF : 150133.4/17

Left In: 0.009+/-0.000 χ^2/NDF :115547.6/8

0.009+/-0.000 χ^2/NDF : 246937.5/25

0.009+/-0.000 χ^2/NDF : 265783.1/26

yield_bpm0l01Y_mean vs slug



Right In: -6.567+/-0.000 χ^2/NDF : 30893432090.0/15

Left Out: -6.100+/-0.000 χ^2/NDF : 52135577.5/9

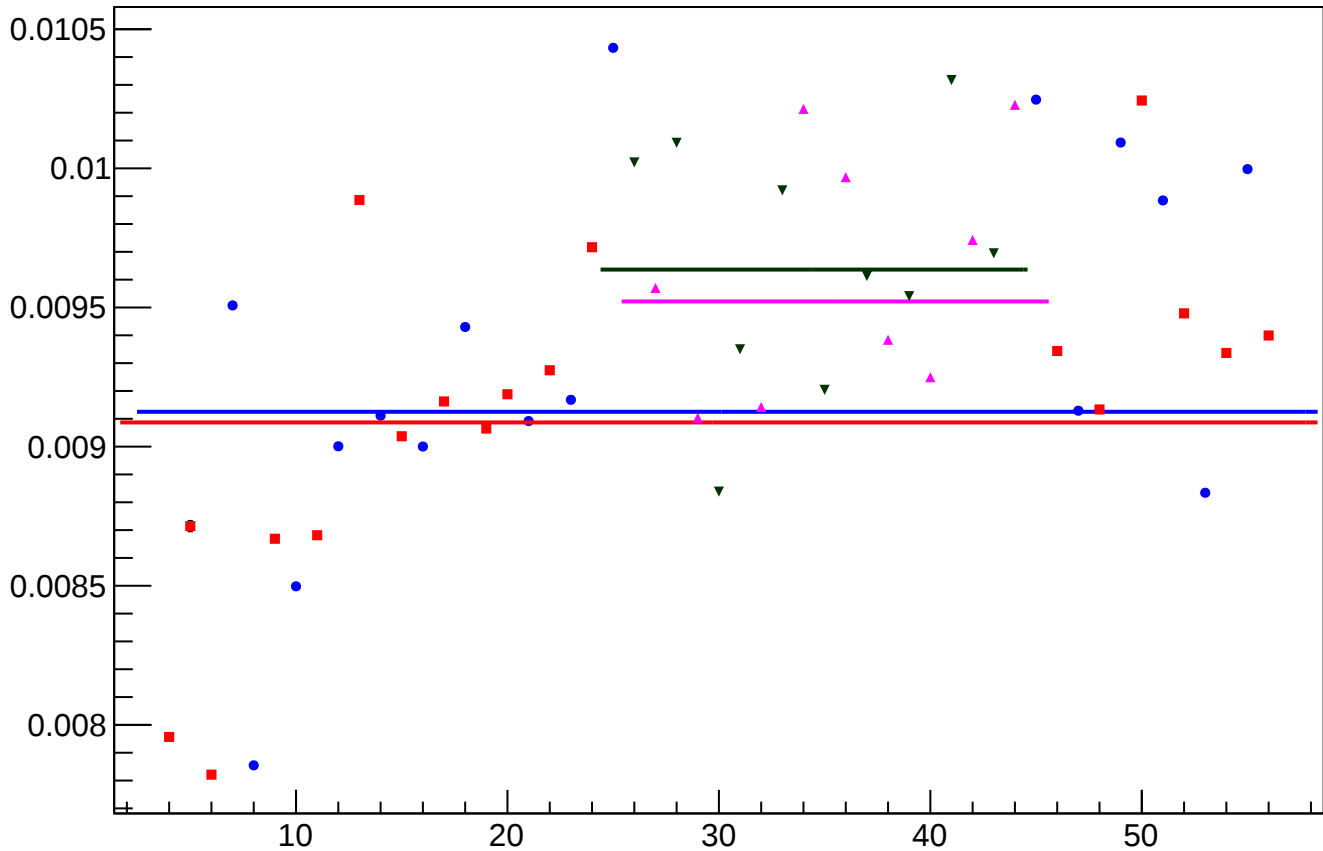
Right Out: -6.618+/-0.000 χ^2/NDF : 24317030856.2/17

Left In: -6.085+/-0.000 χ^2/NDF : 127997791.5/8

-6.415+/-0.000 χ^2/NDF : 39076173722.0/25

-6.428+/-0.000 χ^2/NDF : 35461885630.6/26

yield_bpm0l01Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 107341.1/15

Left Out: 0.010+/-0.000 χ^2/NDF :21331.0/9

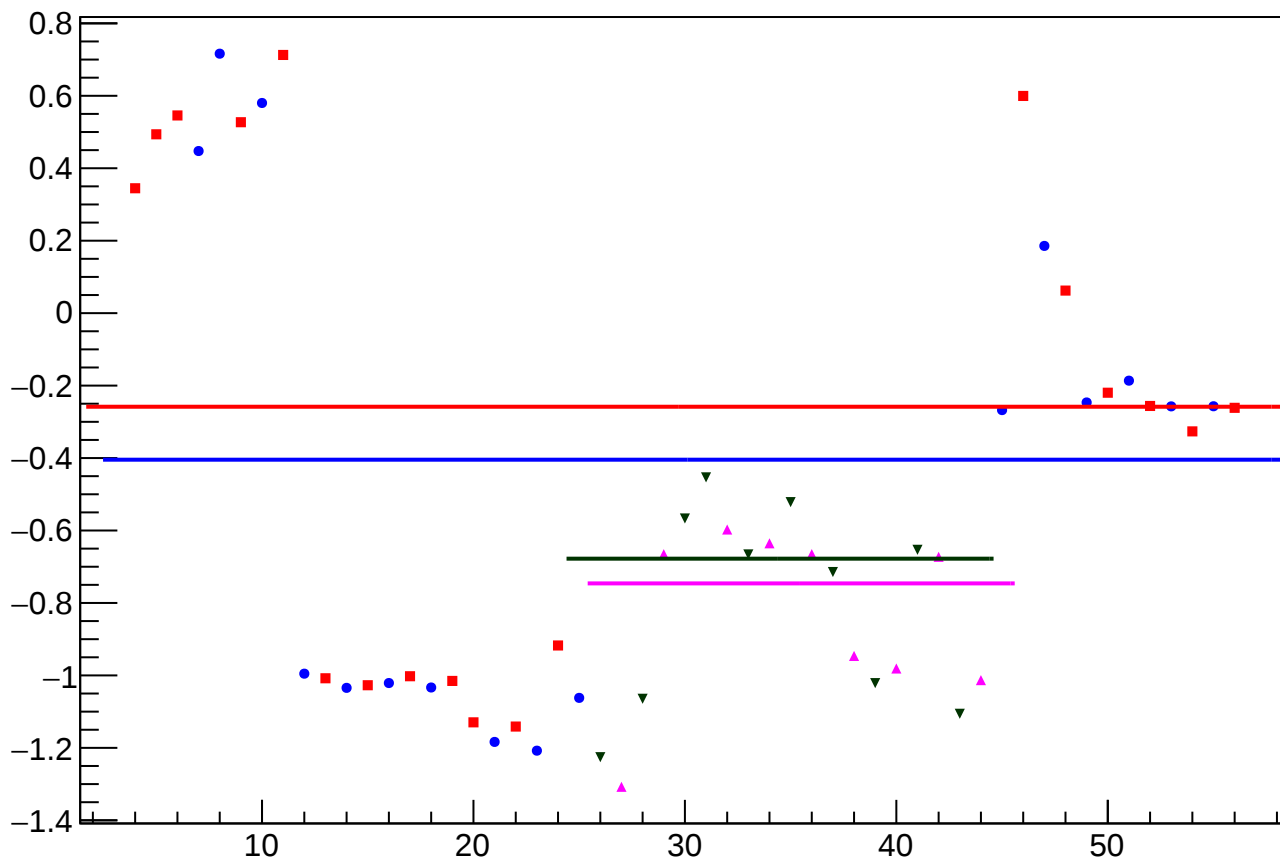
Right Out: 0.009+/-0.000 χ^2/NDF : 82836.3/17

Left In: 0.010+/-0.000 χ^2/NDF :19294.1/8

0.009+/-0.000 χ^2/NDF : 148119.6/25

0.009+/-0.000 χ^2/NDF : 116828.1/26

yield_bpm0l02X_mean vs slug



Right In: -0.405+/-0.000 χ^2/NDF : 10013301464.6/15

Left Out: -0.678+/-0.000 χ^2/NDF :1358570765.2/9

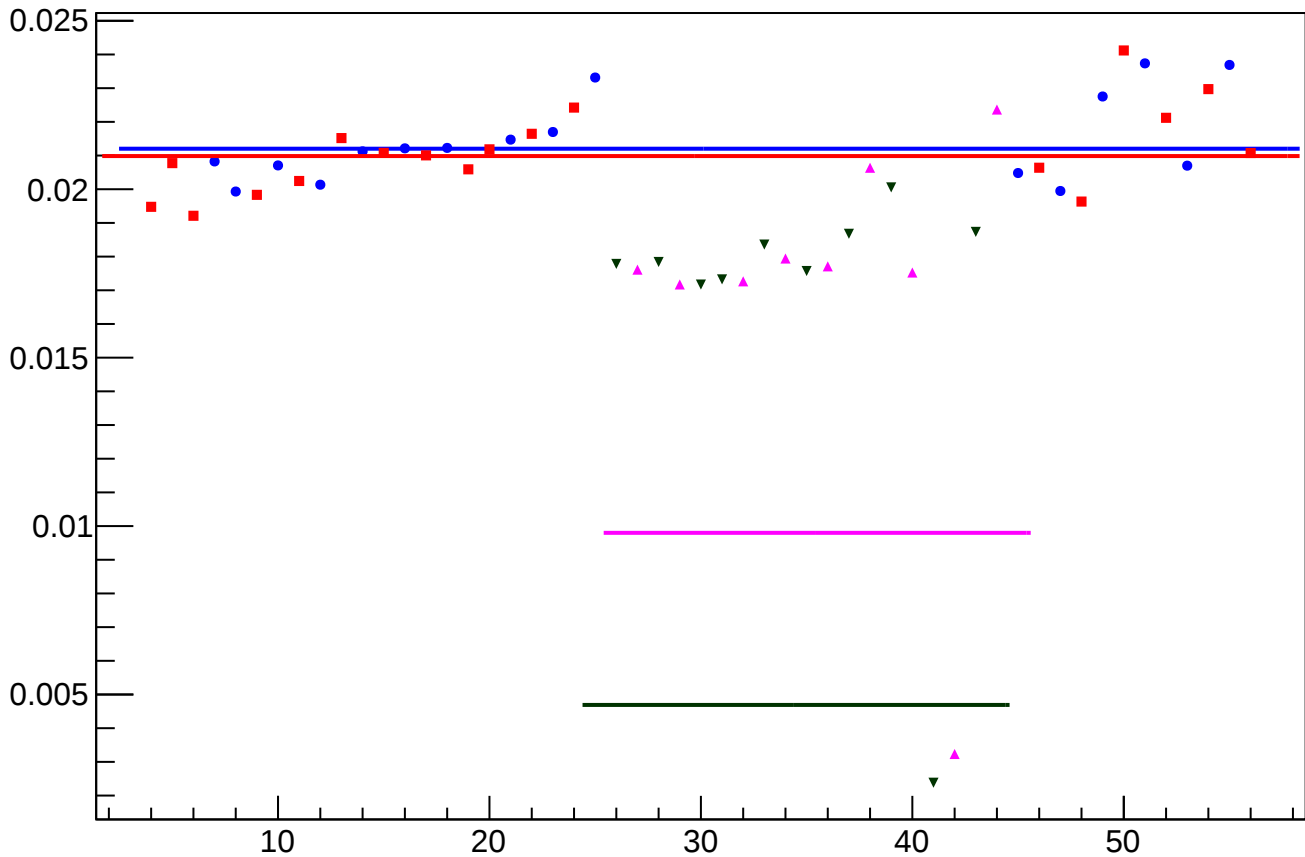
Right Out: -0.258+/-0.000 χ^2/NDF : 10101240311.4/17

Left In: -0.746+/-0.000 χ^2/NDF :1268707812.5/8

-0.628+/-0.000 χ^2/NDF : 12691839034.9/25

-0.562+/-0.000 χ^2/NDF : 14477288594.2/26

yield_bpm0l02X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 52308.3/15

Left Out: 0.005+/-0.000 χ^2/NDF : 5998219.6/9

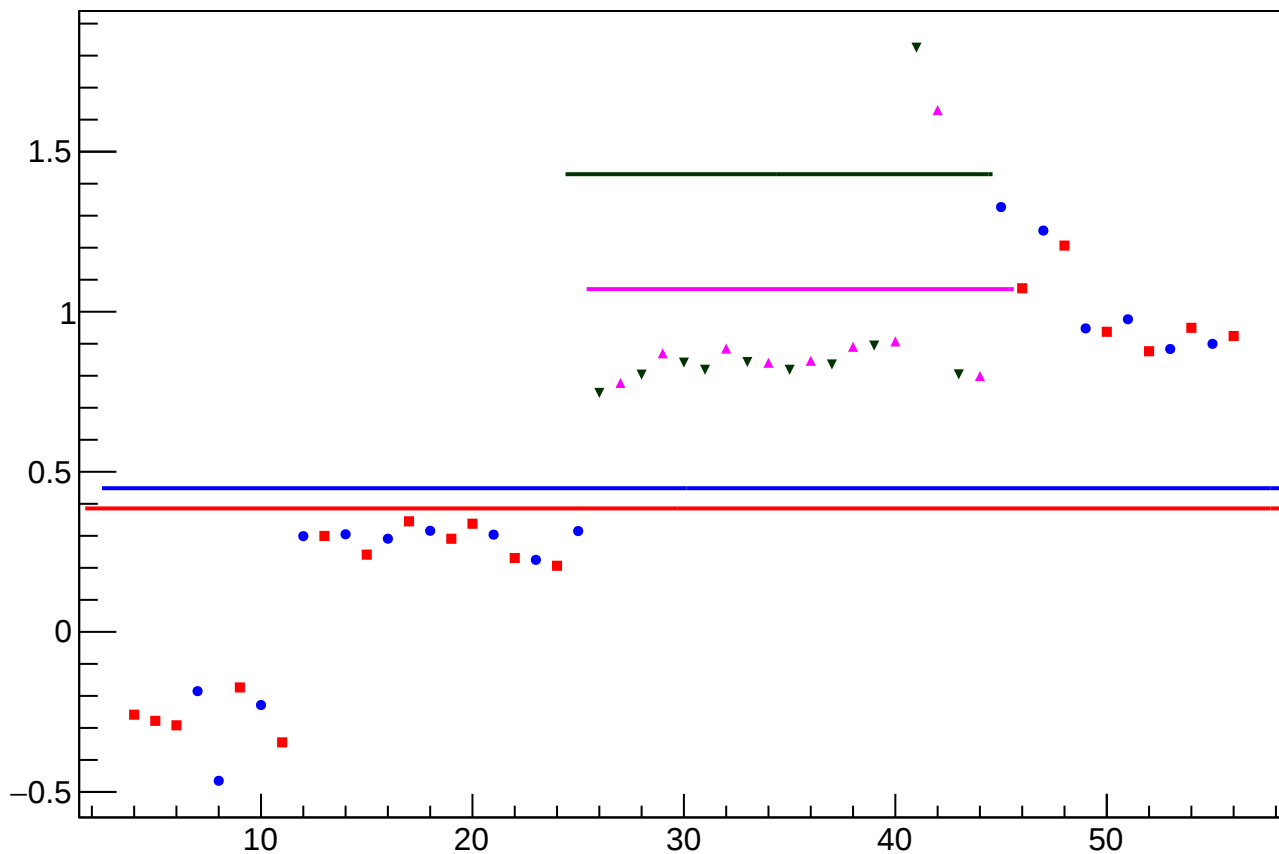
Right Out: 0.021+/-0.000 χ^2/NDF : 61323.3/17

Left In: 0.010+/-0.000 χ^2/NDF : 3818425.7/8

0.008+/-0.000 χ^2/NDF : 15693526.7/25

0.014+/-0.000 χ^2/NDF : 7148942.6/26

yield_bpm0l02Y_mean vs slug



Right In: 0.449+/-0.000 χ^2/NDF : 17529535986.0/15

Left Out: 1.430+/-0.000 χ^2/NDF : 20131817794.8/9

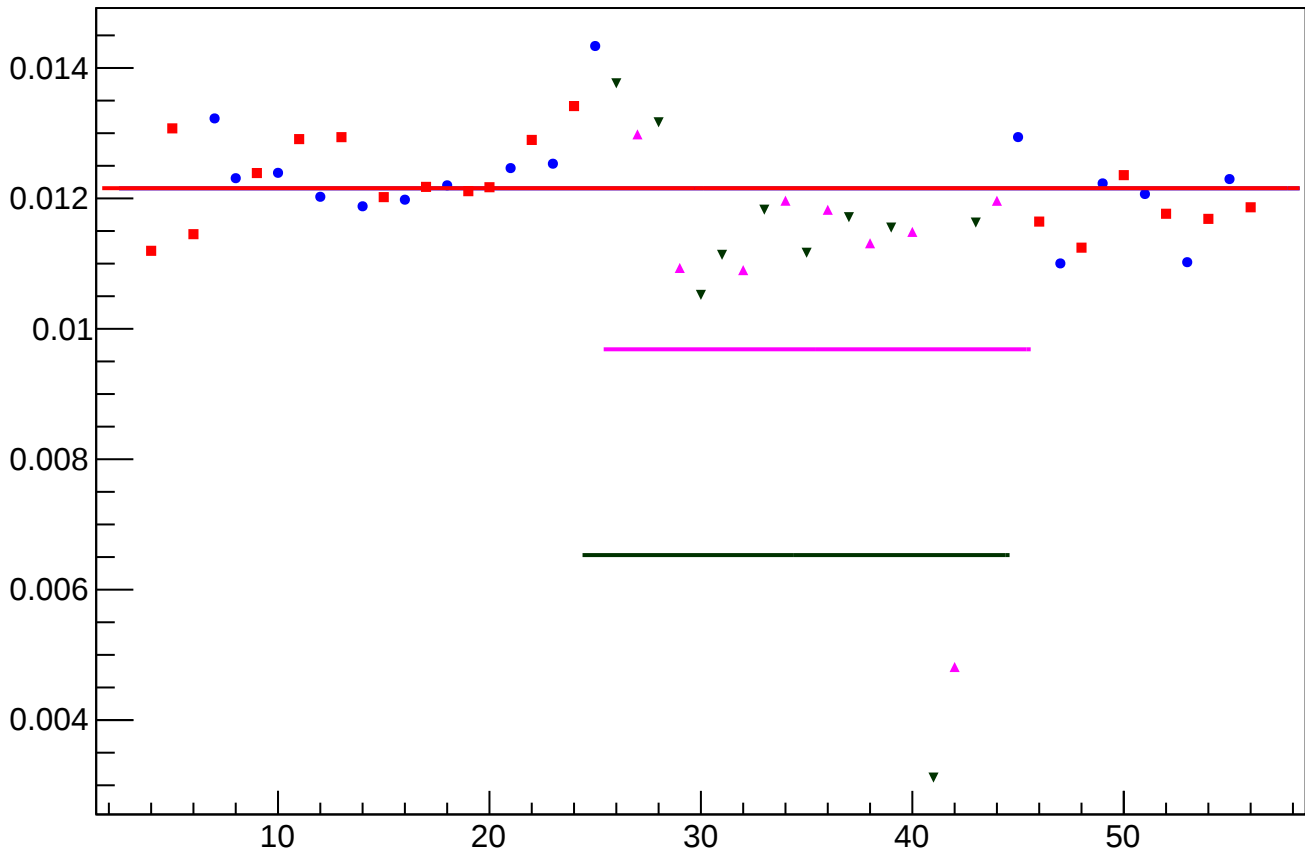
Right Out: 0.386+/-0.000 χ^2/NDF : 15628826761.2/17

Left In: 1.071+/-0.000 χ^2/NDF : 6285541515.9/8

1.002+/-0.000 χ^2/NDF : 73117637767.1/25

0.698+/-0.000 χ^2/NDF : 35112485181.4/26

yield_bpm0l02Y_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 44724.2/15

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:3050338.6/9

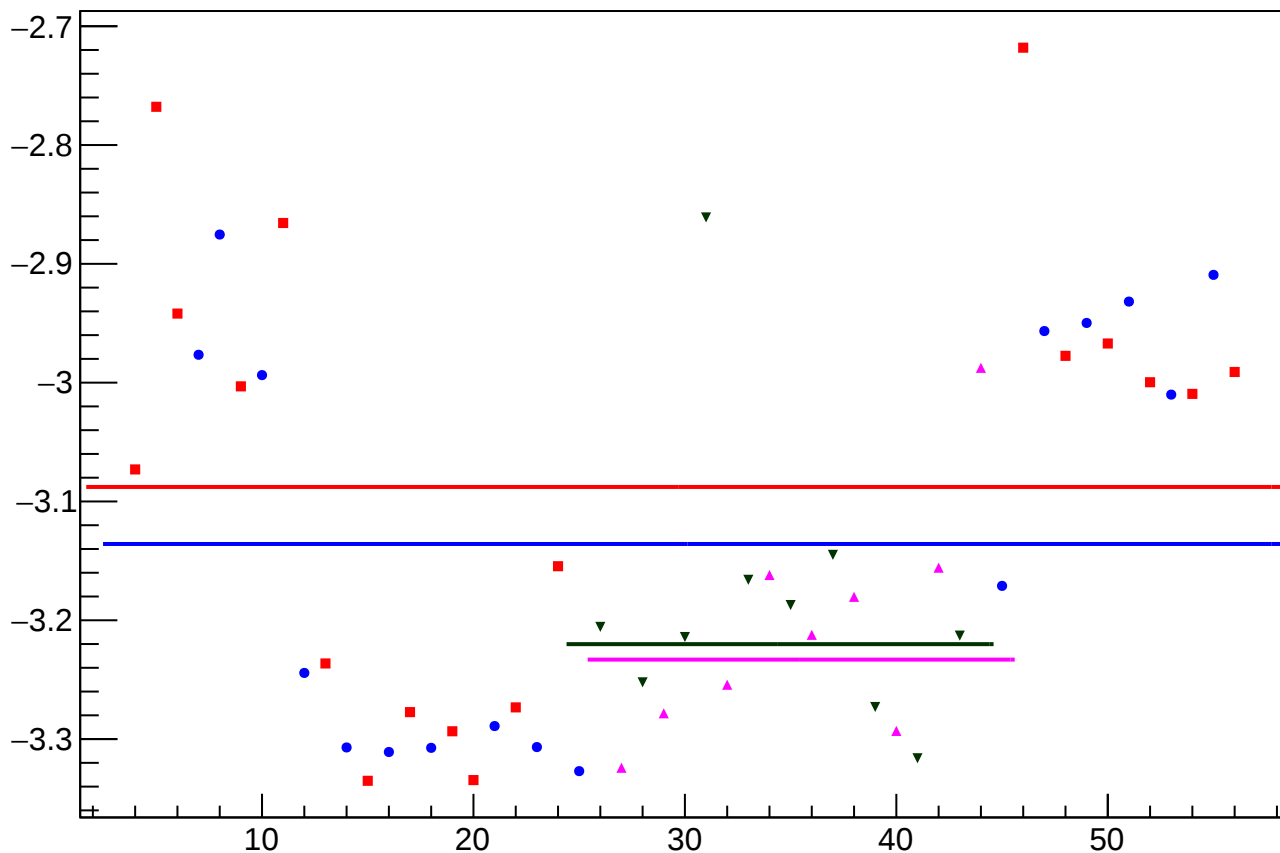
Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 47120.0/17

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:979026.7/8

0.009 $\pm$ 0.000 χ^2 /NDF: 5425976.3/25

0.011 $\pm$ 0.000 χ^2 /NDF: 1369517.9/26

yield_bpm0l03X_mean vs slug



Right In: -3.136+/-0.000 χ^2/NDF : 4029555293.1/15

Left Out: -3.220+/-0.000 χ^2/NDF : 428312091.3/9

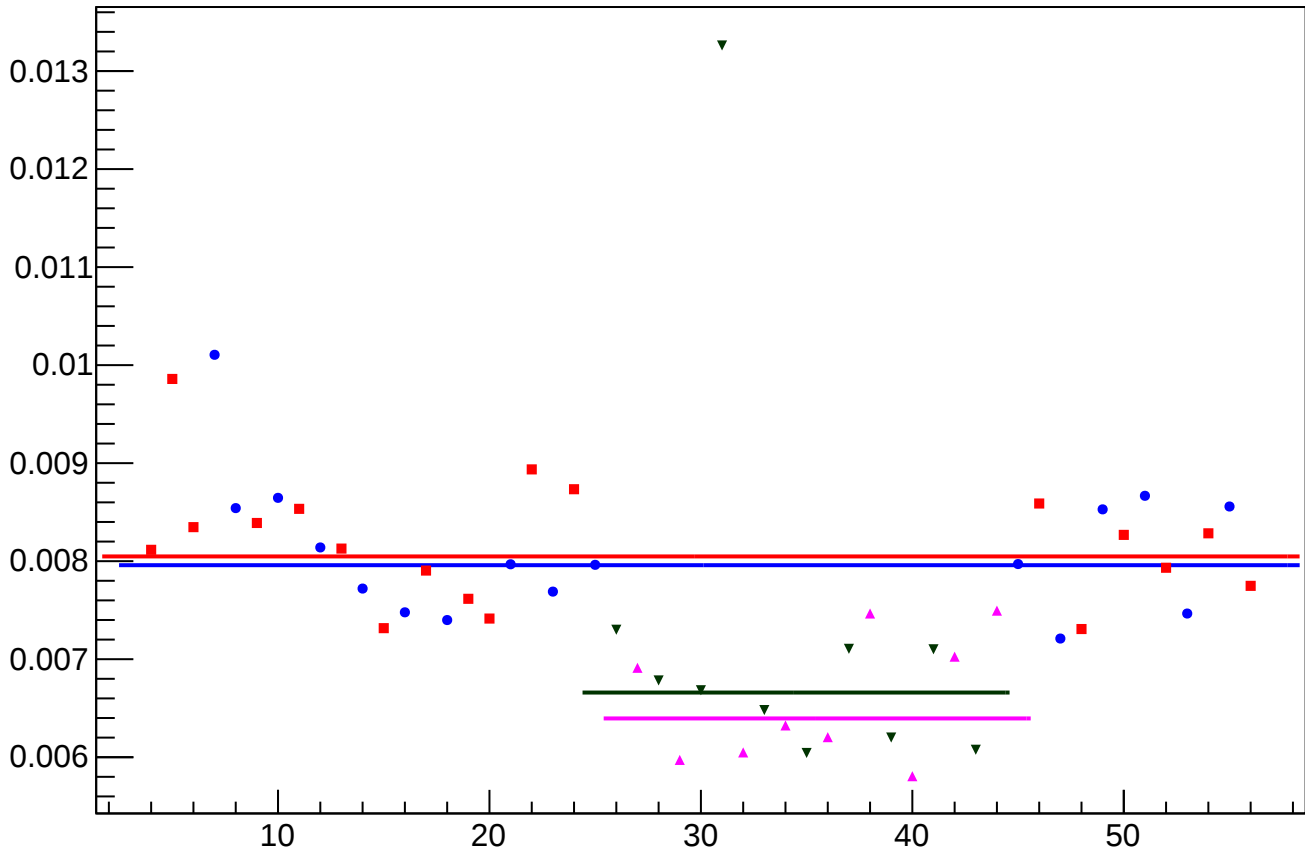
Right Out: -3.088+/-0.000 χ^2/NDF : 3716767679.4/17

Left In: -3.233+/-0.000 χ^2/NDF : 784509895.8/8

-3.172+/-0.000 χ^2/NDF : 4863379893.2/25

-3.159+/-0.000 χ^2/NDF : 5771904541.2/26

yield_bpm0l03X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 72836.7/15

Left Out: 0.007+/-0.000 χ^2/NDF :169219.9/9

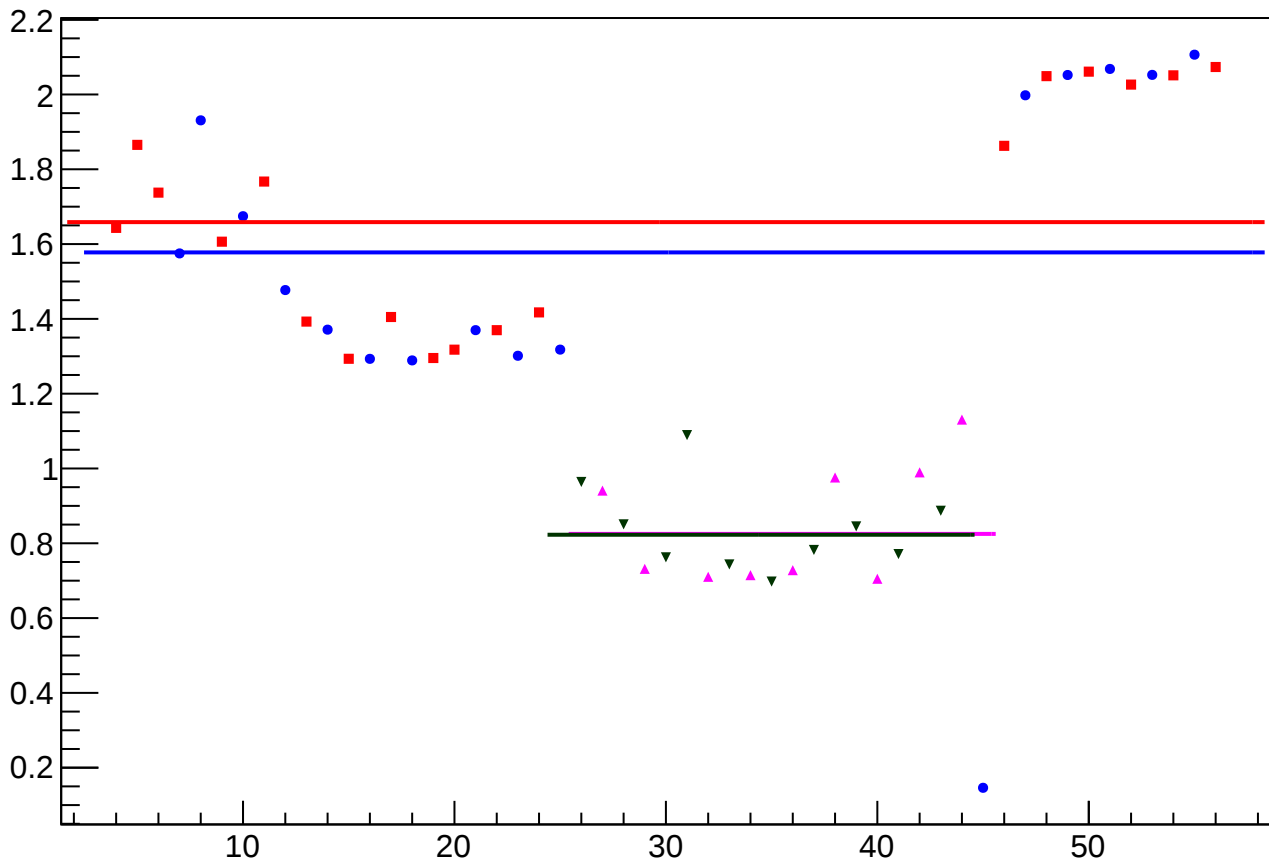
0.007+/-0.000 χ^2/NDF : 434692.9/25

Right Out: 0.008+/-0.000 χ^2/NDF : 57506.2/17

0.007+/-0.000 χ^2/NDF : 458555.8/26

Left In: 0.006+/-0.000 χ^2/NDF :72293.2/8

yield_bpm0l03Y_mean vs slug



Right In: 1.578 $\pm$ 0.000 χ^2 /NDF: 23374772908.1/15

Left Out: 0.823 $\pm$ 0.000 χ^2 /NDF: 373202951.2/9

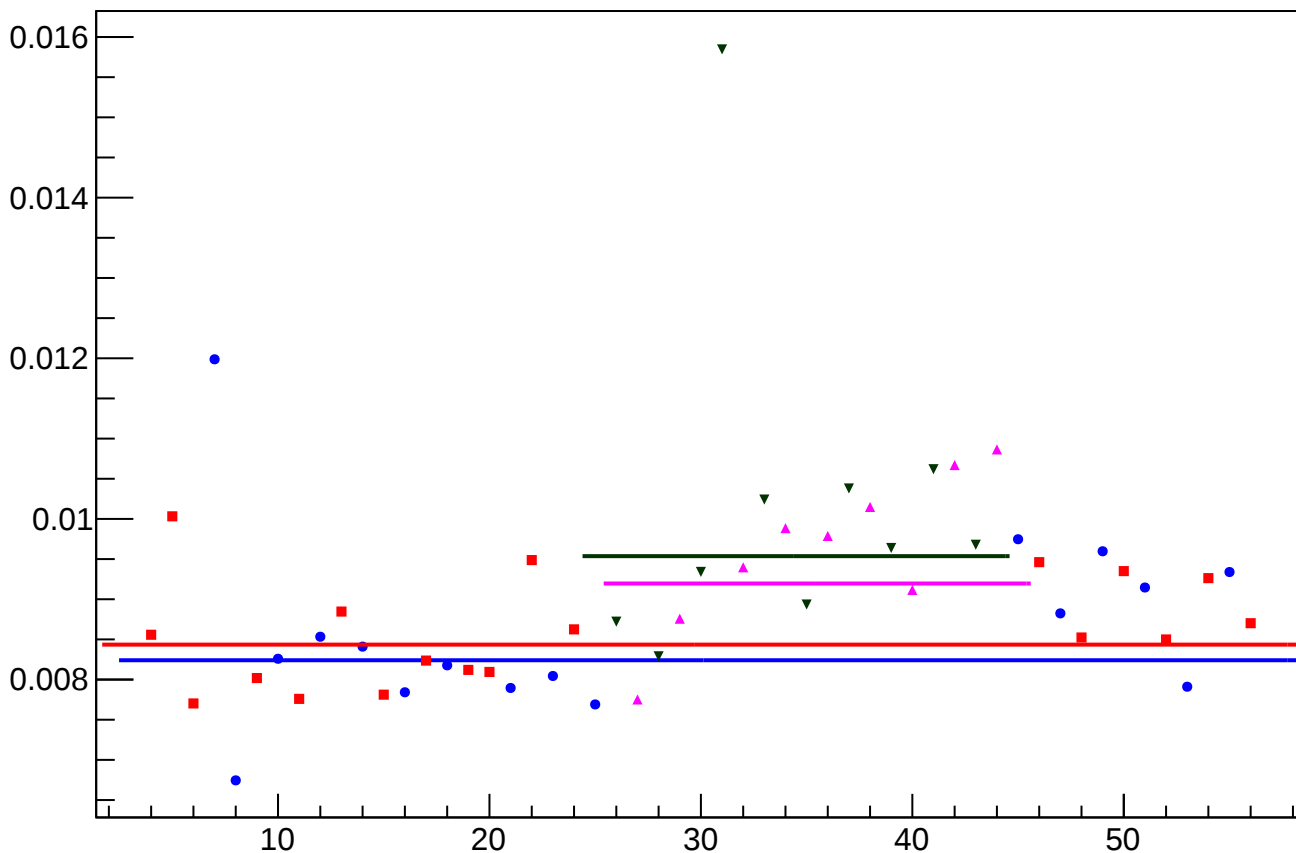
1.365 $\pm$ 0.000 χ^2 /NDF: 43443928964.3/25

Right Out: 1.659 $\pm$ 0.000 χ^2 /NDF: 9105466592.1/17

1.372 $\pm$ 0.000 χ^2 /NDF: 36240887340.0/26

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 : 187617.5/15

Left Out: 0.010+/-0.000 χ^2/NDF :144258.2/9

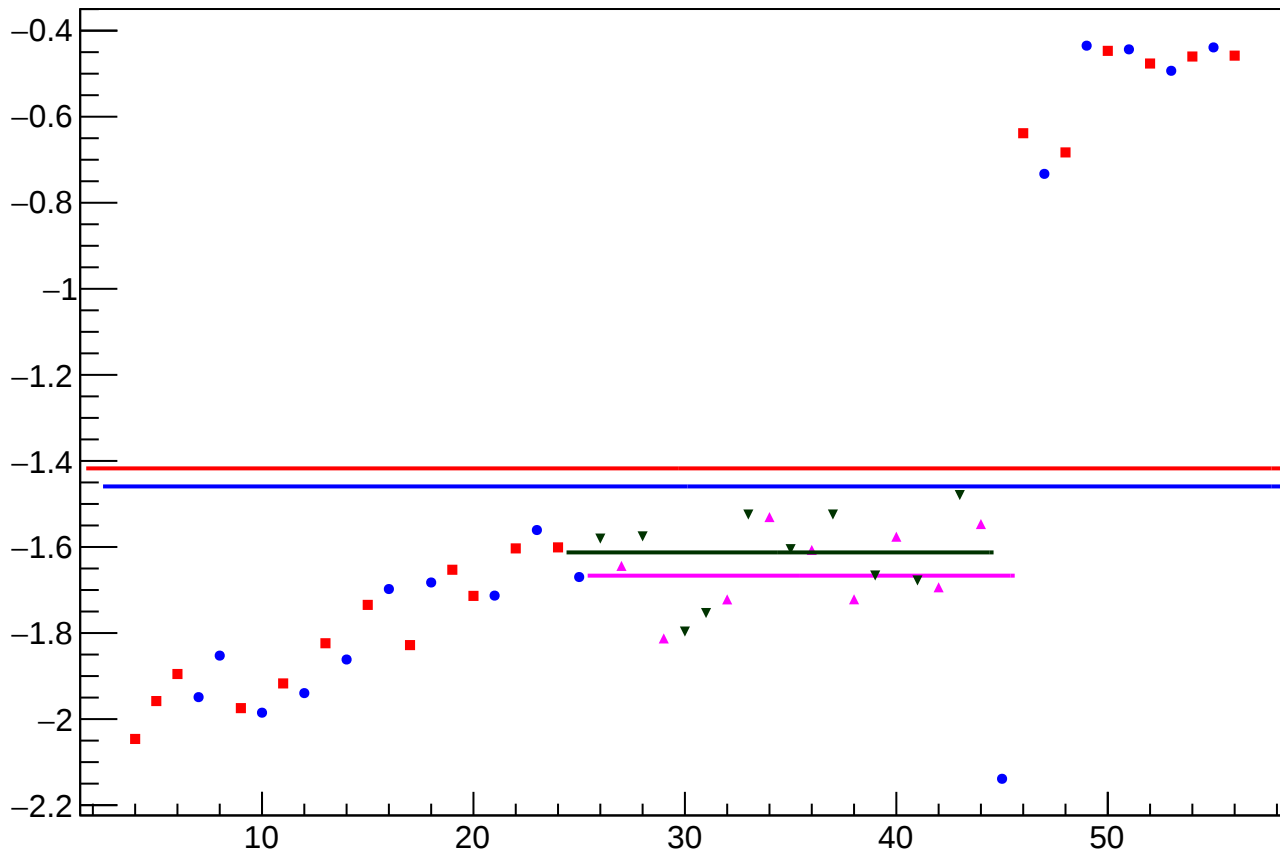
Right Out: 0.008+/-0.000 χ^2/NDF : 71077.3/17

Left In: 0.009+/-0.000 χ^2/NDF :103784.9/8

0.009+/-0.000 χ^2/NDF : 447998.7/25

0.009+/-0.000 χ^2/NDF : 218322.4/26

yield_bpm0l04X_mean vs slug



Right In: -1.459+/-0.000 χ^2/NDF : 28107854580.3/15

Left Out: -1.613+/-0.000 χ^2/NDF : 327148879.4/9

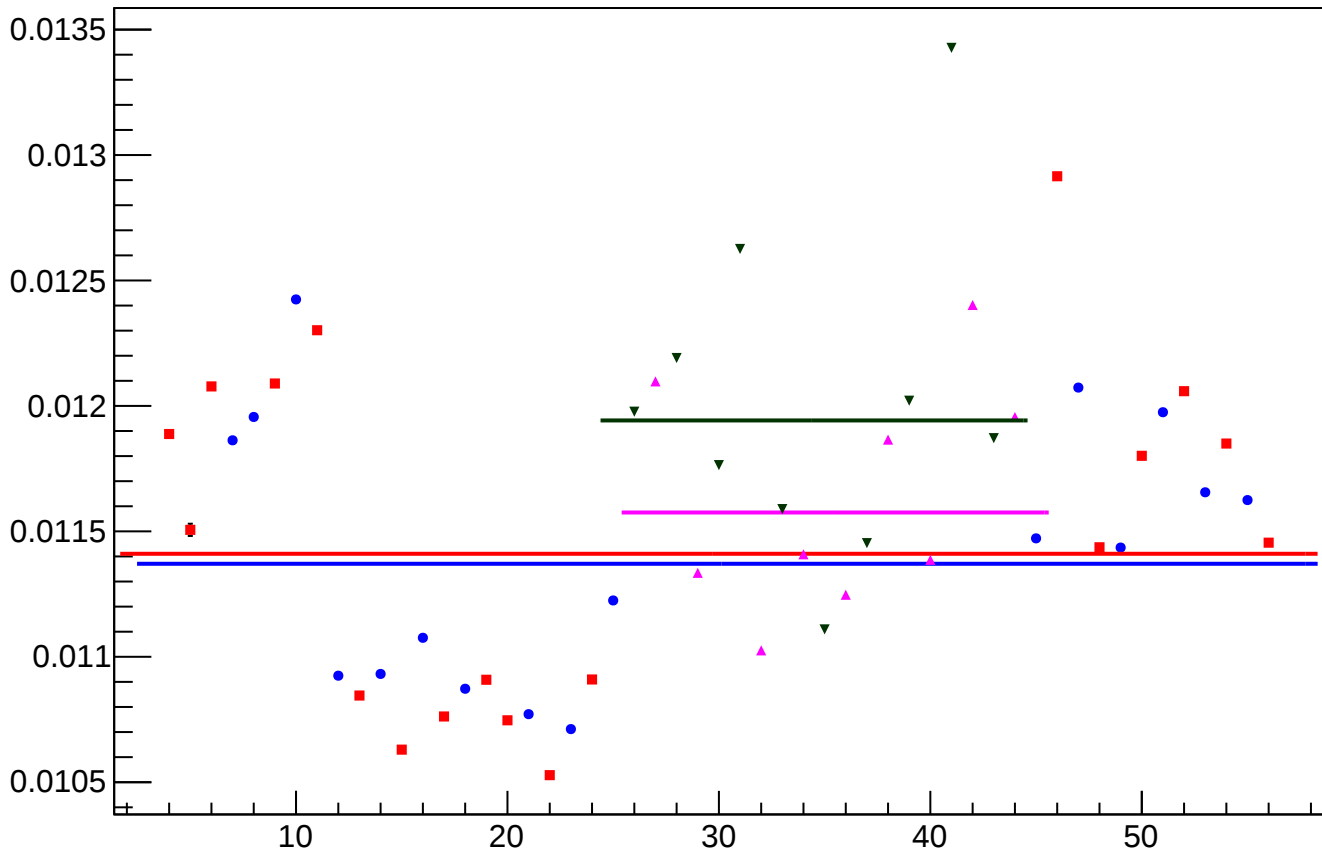
Right Out: -1.417+/-0.000 χ^2/NDF : 25433527095.6/17

Left In: -1.667+/-0.000 χ^2/NDF : 344212253.5/8

-1.509+/-0.000 χ^2/NDF : 29015494831.0/25

-1.509+/-0.000 χ^2/NDF : 27409931818.3/26

yield_bpm0l04X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 41303.7/15

Left Out: 0.012+/-0.000 χ^2/NDF :25348.0/9

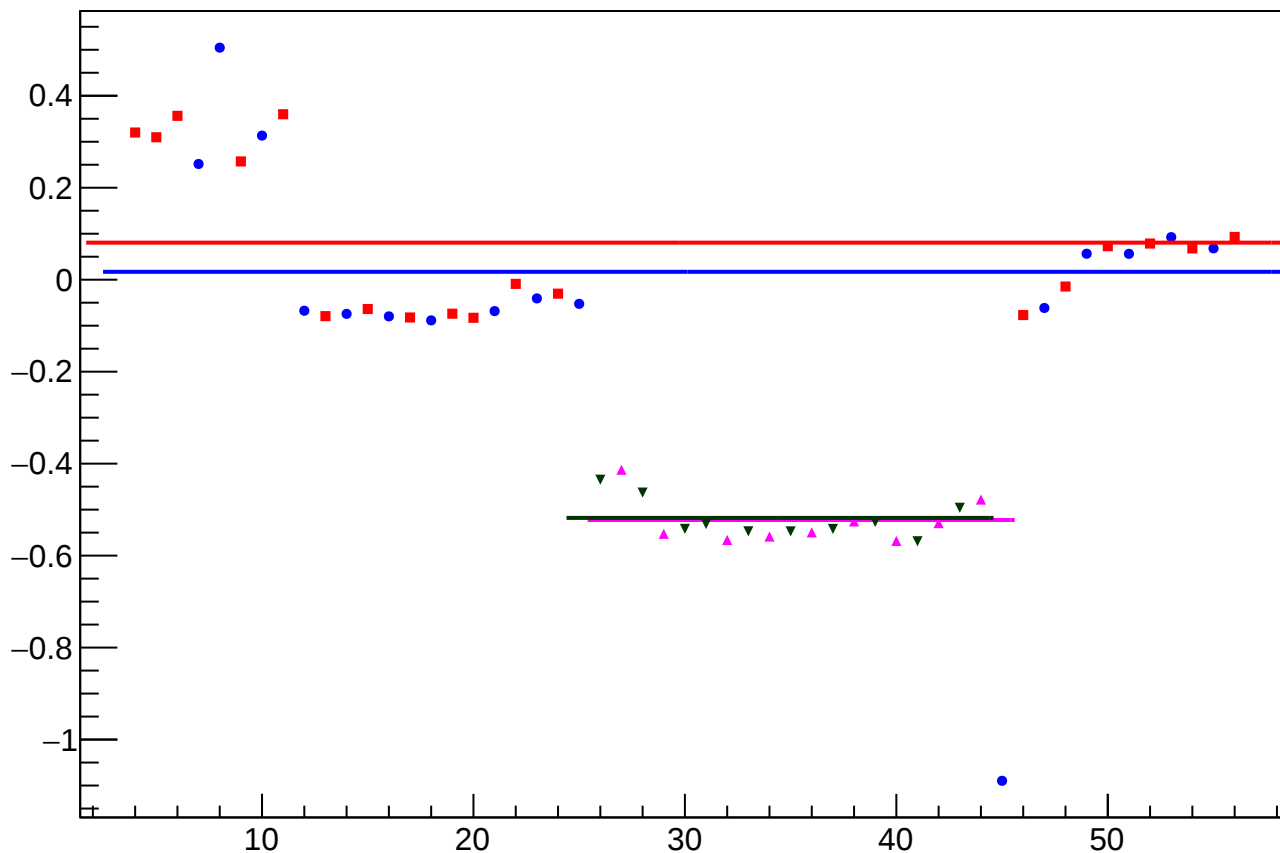
Right Out: 0.011+/-0.000 χ^2/NDF : 63890.2/17

Left In: 0.012+/-0.000 χ^2/NDF :15888.6/8

0.012+/-0.000 χ^2/NDF : 82770.0/25

0.011+/-0.000 χ^2/NDF : 81201.3/26

yield_bpm0l04Y_mean vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 18151014599.8/15

Left Out: -0.518+/-0.000 χ^2/NDF : 131878439.0/9

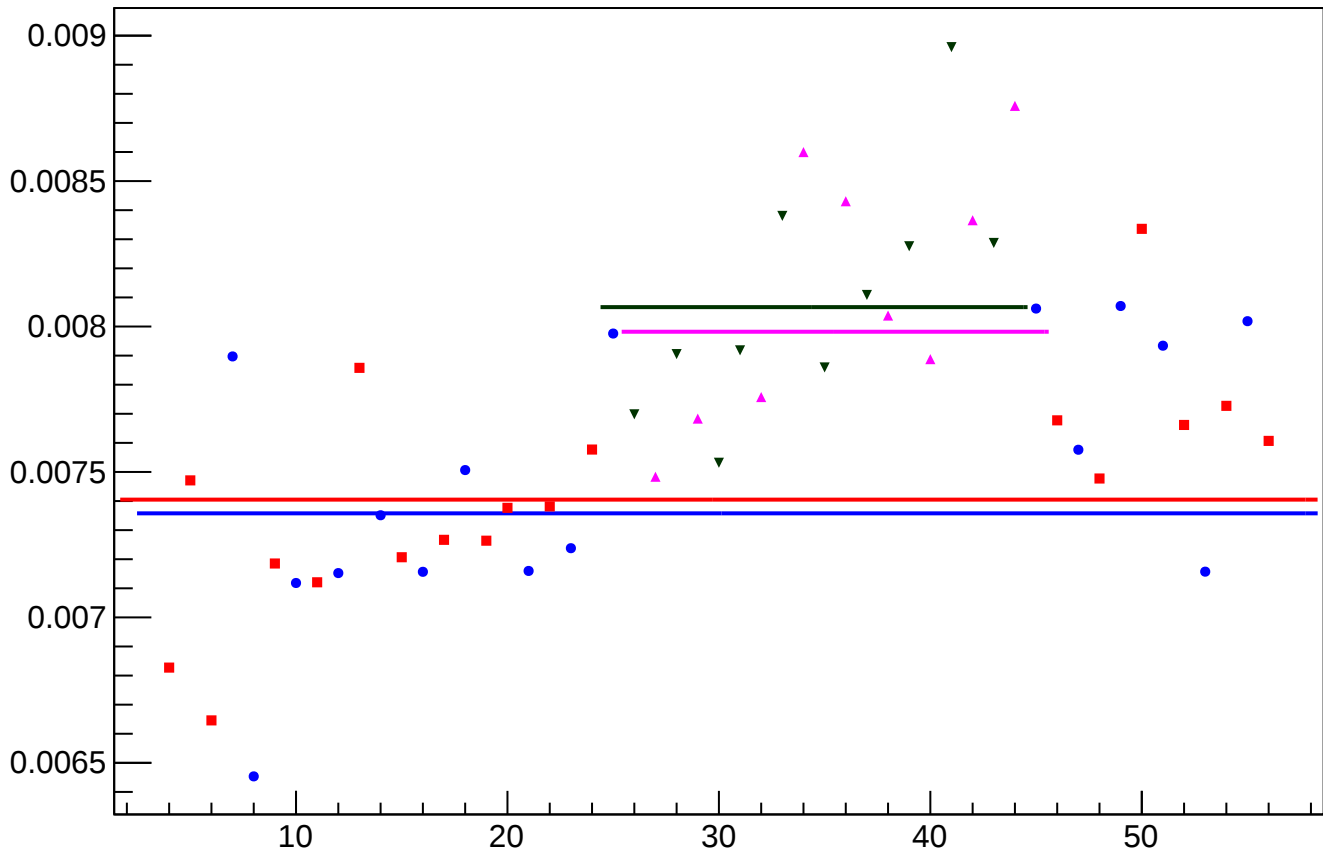
Right Out: 0.081+/-0.000 χ^2/NDF : 4560703115.9/17

Left In: -0.523+/-0.000 χ^2/NDF : 258155612.5/8

-0.147+/-0.000 χ^2/NDF : 33925233208.4/25

-0.126+/-0.000 χ^2/NDF : 25452367978.6/26

yield_bpm0l04Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 80346.1/15

Left Out: 0.008+/-0.000 χ^2/NDF :23022.1/9

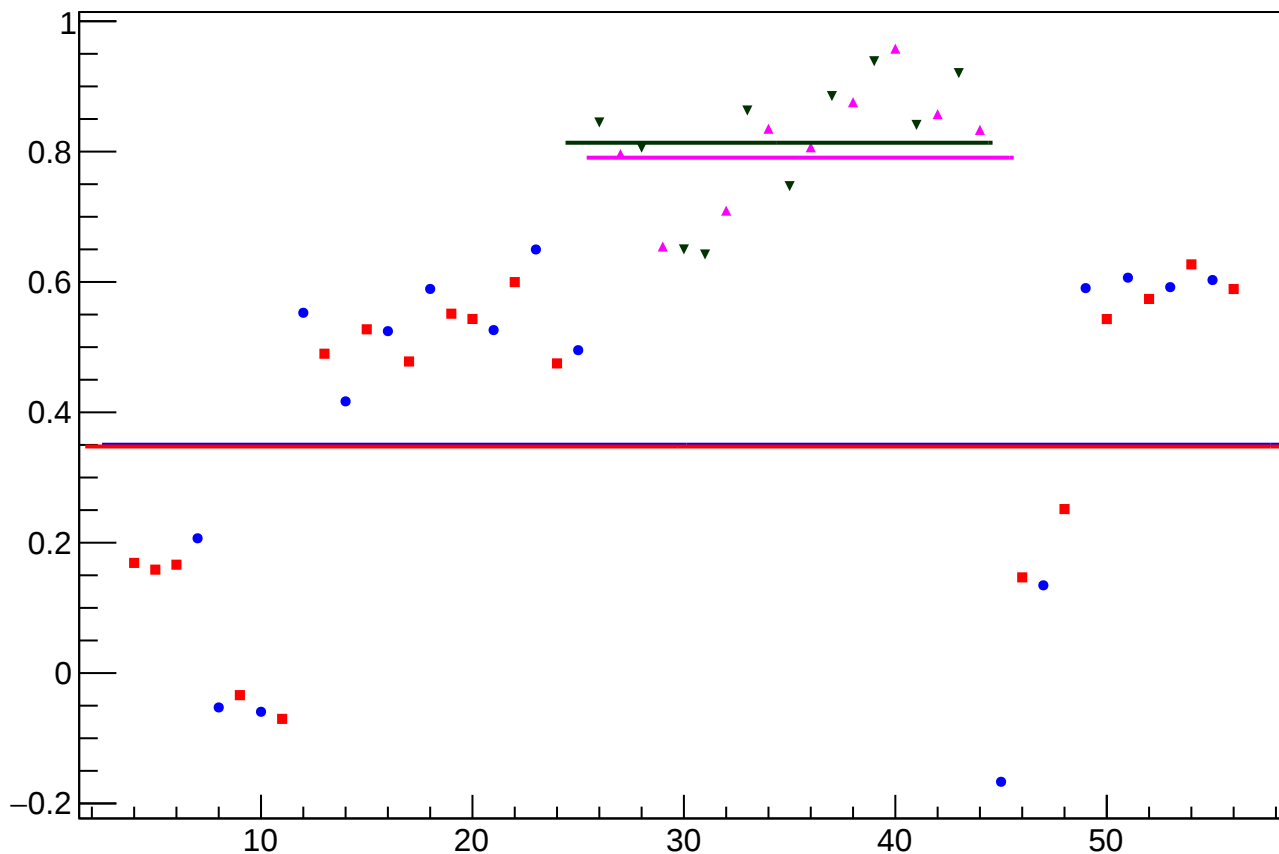
Right Out: 0.007+/-0.000 χ^2/NDF : 48047.1/17

Left In: 0.008+/-0.000 χ^2/NDF :29355.6/8

0.008+/-0.000 χ^2/NDF : 158273.9/25

0.008+/-0.000 χ^2/NDF : 115193.7/26

yield_bpm0l05X_mean vs slug



Right In: 0.350 $\pm$ 0.000 χ^2 /NDF: 16095915910.7/15

Left Out: 0.814 $\pm$ 0.000 χ^2 /NDF: 993349923.9/9

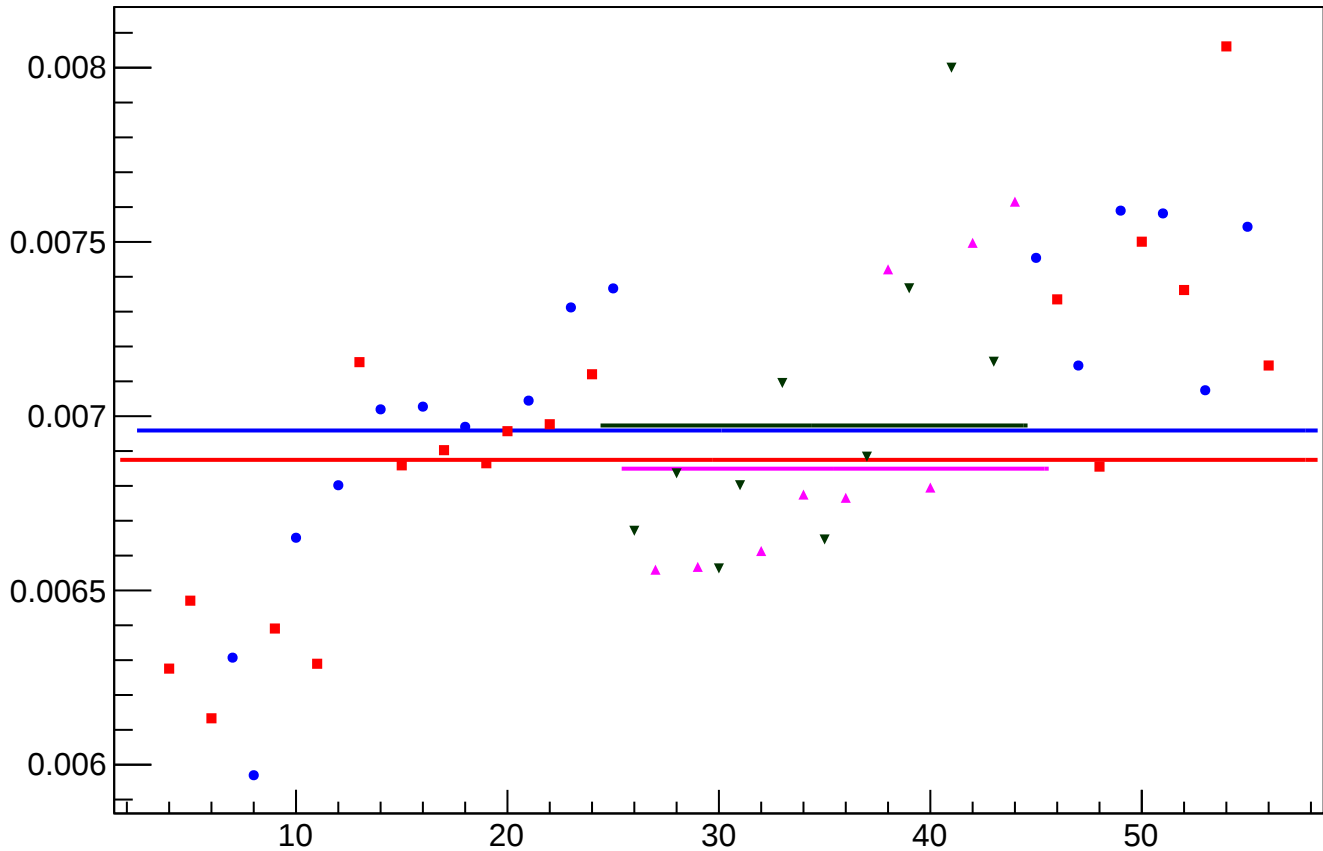
Right Out: 0.348 $\pm$ 0.000 χ^2 /NDF: 11292550516.4/17

Left In: 0.791 $\pm$ 0.000 χ^2 /NDF: 932399689.3/8

0.512 $\pm$ 0.000 χ^2 /NDF: 32074486332.5/25

0.515 $\pm$ 0.000 χ^2 /NDF: 26632087621.4/26

yield_bpm0l05X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 92246.7/15

Left Out: 0.007+/-0.000 χ^2/NDF : 32912.7/9

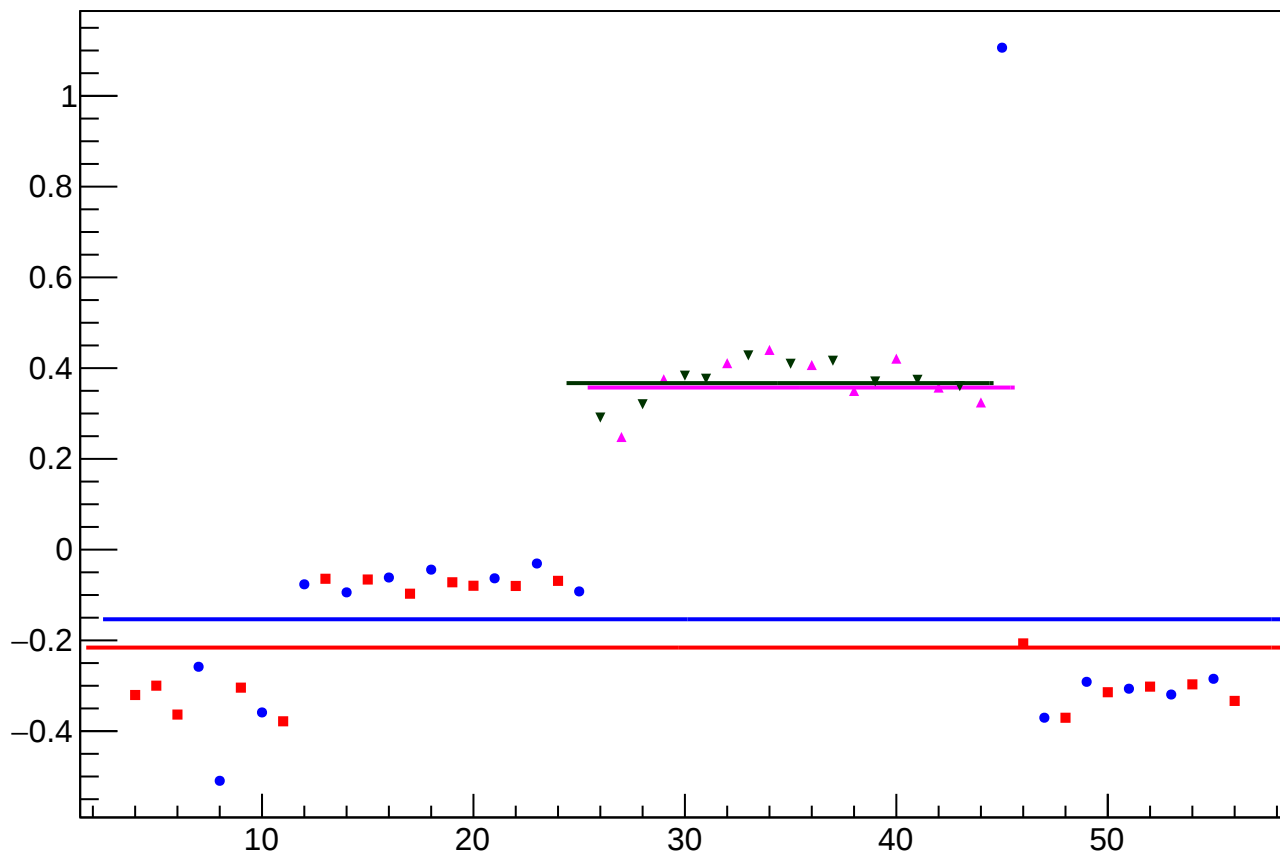
0.007+/-0.000 χ^2/NDF : 125188.3/25

Right Out: 0.007+/-0.000 χ^2/NDF : 88246.5/17

0.007+/-0.000 χ^2/NDF : 121504.5/26

Left In: 0.007+/-0.000 χ^2/NDF : 33164.0/8

yield_bpm0l05Y_mean vs slug



Right In: -0.153+/-0.000 χ^2/NDF : 36314780151.9/15

Left Out: 0.367+/-0.000 χ^2/NDF :258003359.9/9

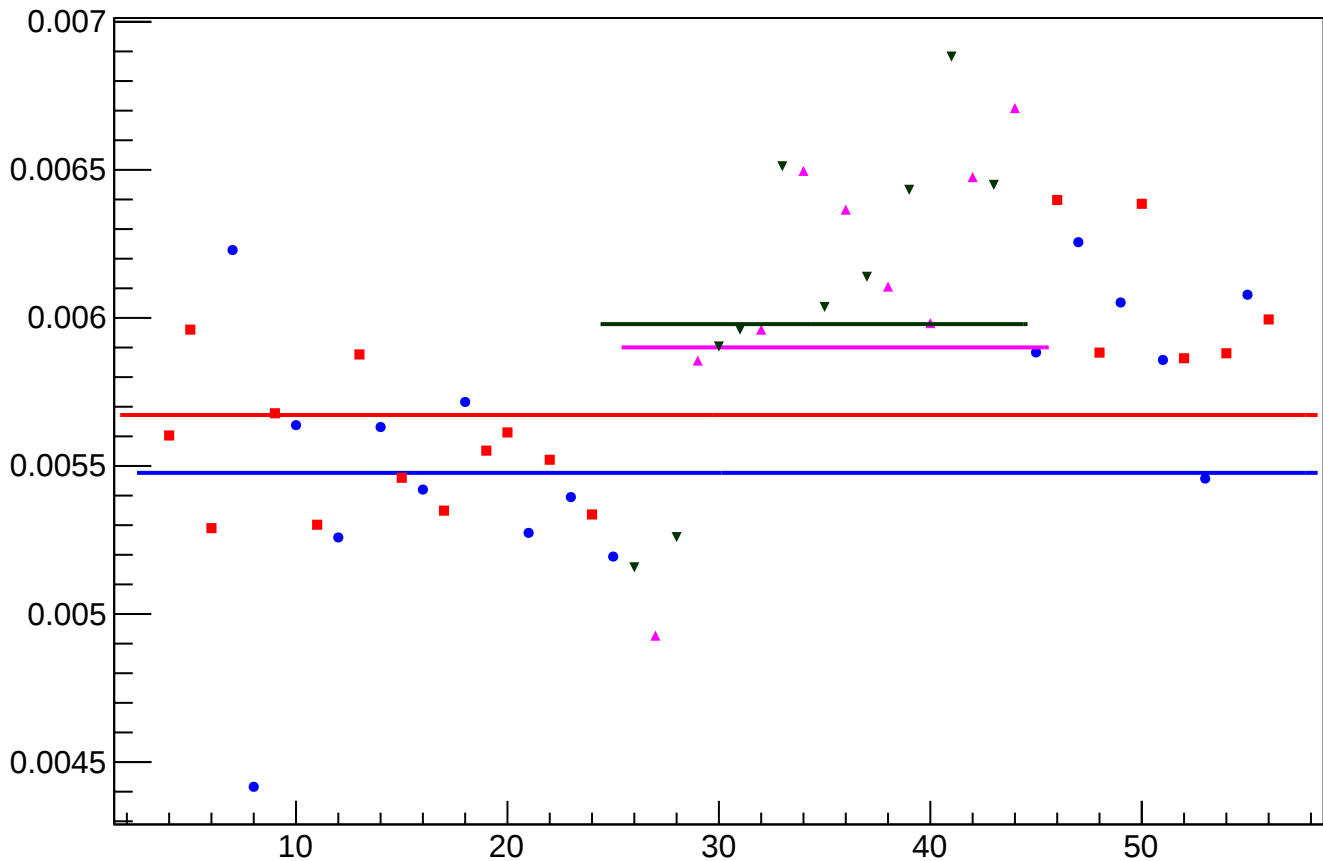
Right Out: -0.216+/-0.000 χ^2/NDF : 4607990464.4/17

Left In: 0.357+/-0.000 χ^2/NDF :650314960.7/8

0.007+/-0.000 χ^2/NDF : 63029521979.3/25

-0.011+/-0.000 χ^2/NDF : 38101624875.7/26

yield_bpm0l05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 167587.5/15

Left Out: 0.006+/-0.000 χ^2/NDF : 84407.0/9

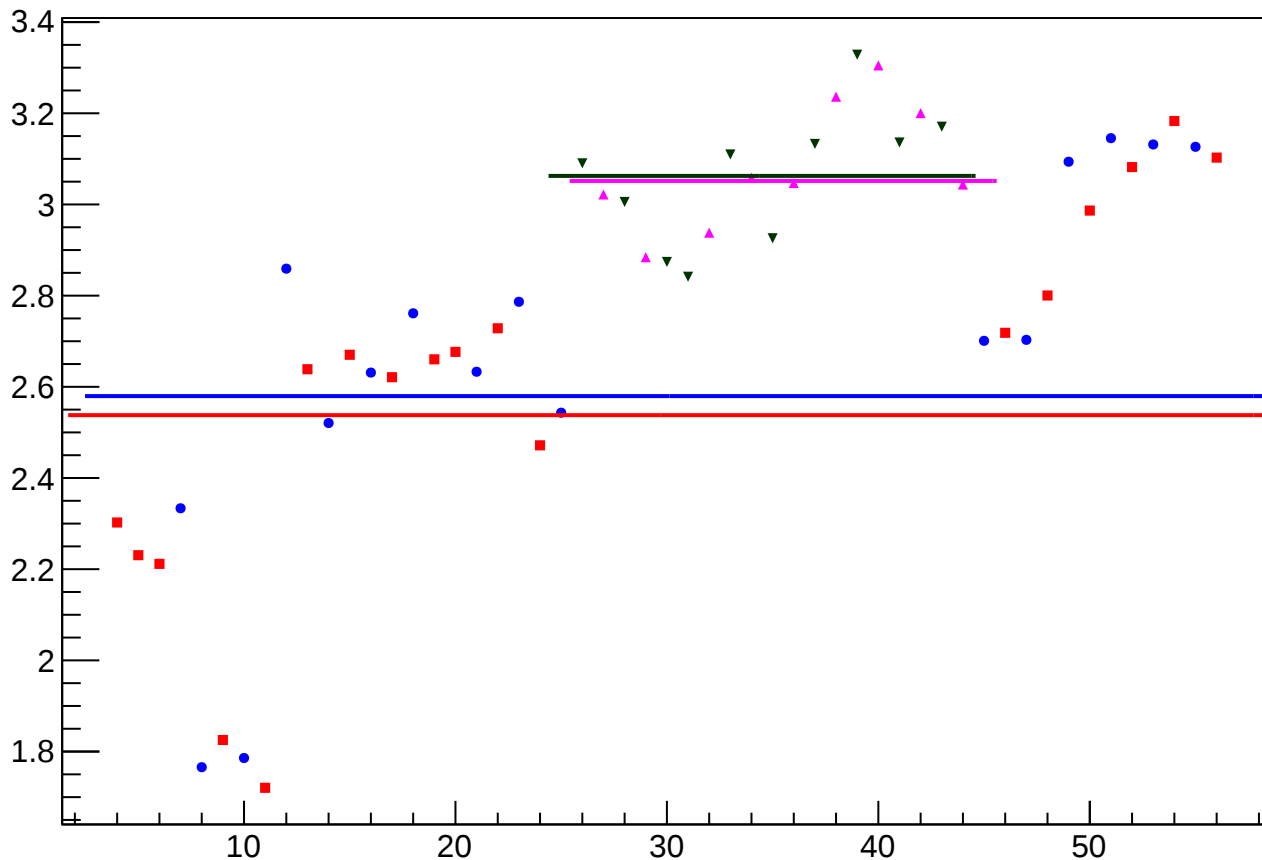
0.006+/-0.000 χ^2/NDF : 301291.4/25

Right Out: 0.006+/-0.000 χ^2/NDF : 56953.3/17

0.006+/-0.000 χ^2/NDF : 168482.4/26

Left In: 0.006+/-0.000 χ^2/NDF : 101099.8/8

yield_bpm0l06X_mean vs slug



Right In: 2.580 $\pm$ 0.000 χ^2 /NDF: 13755660094.3/15

Left Out: 3.063 $\pm$ 0.000 χ^2 /NDF:1107067165.5/9

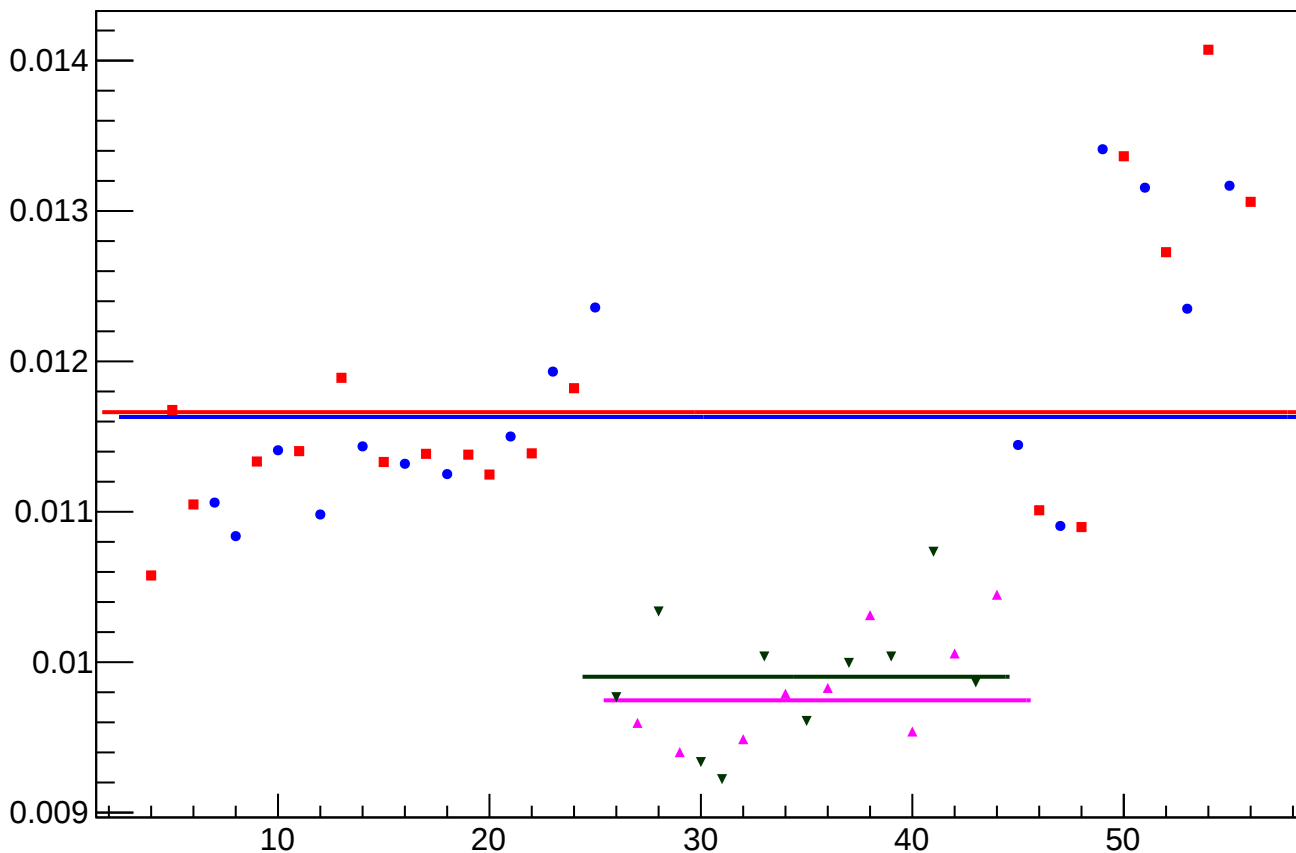
Right Out: 2.538 $\pm$ 0.000 χ^2 /NDF: 11384810235.7/17

Left In: 3.052 $\pm$ 0.000 χ^2 /NDF:1015989993.5/8

2.787 $\pm$ 0.000 χ^2 /NDF: 22008122489.3/25

2.777 $\pm$ 0.000 χ^2 /NDF: 20638526996.9/26

yield_bpm0l06X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 85155.0/15

Left Out: 0.010+/-0.000 χ^2/NDF : 18813.8/9

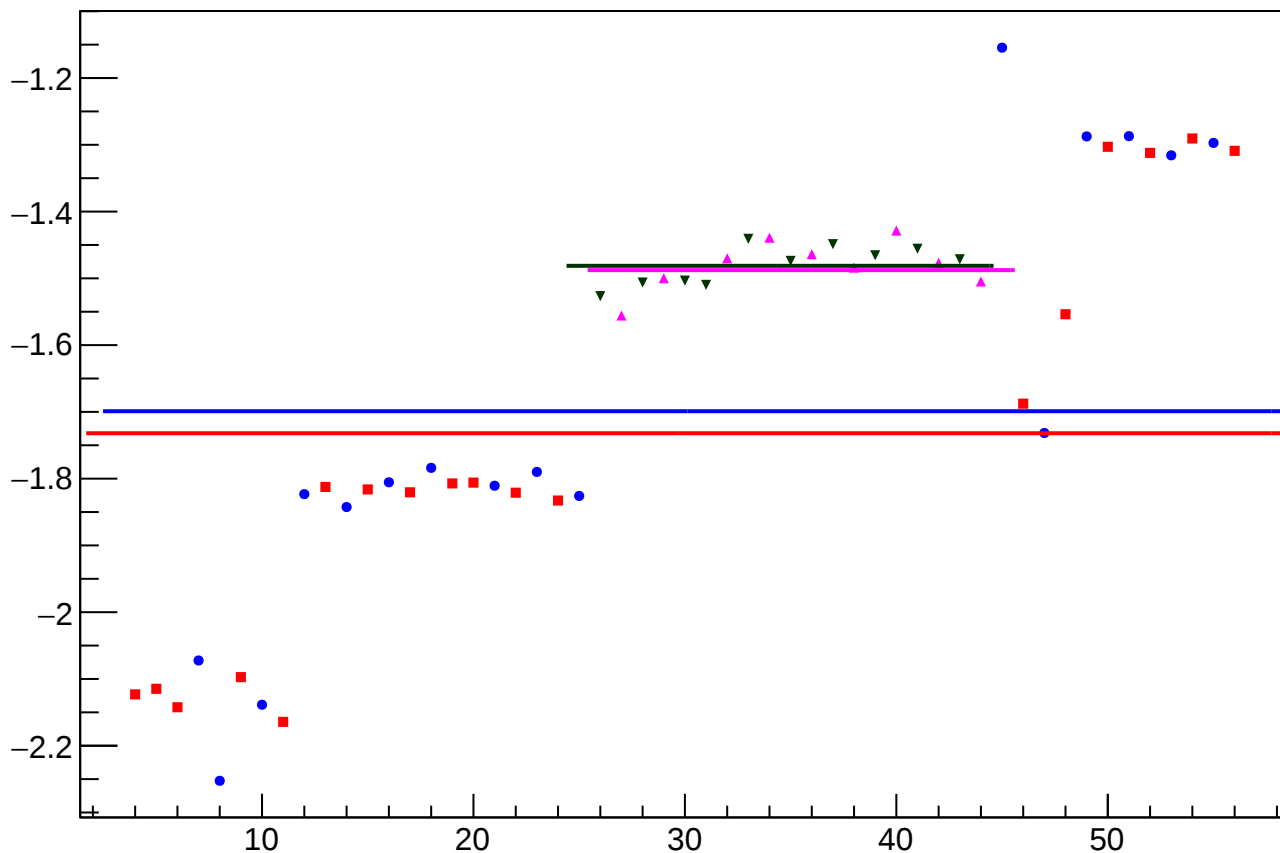
Right Out: 0.012+/-0.000 χ^2/NDF : 91051.7/17

Left In: 0.010+/-0.000 χ^2/NDF : 13193.9/8

0.011+/-0.000 χ^2/NDF : 286677.4/25

0.011+/-0.000 χ^2/NDF : 333445.1/26

yield_bpm0l06Y_mean vs slug



Right In: -1.699+/-0.000 χ^2/NDF : 53318876318.8/15

Left Out: -1.481+/-0.000 χ^2/NDF :133314200.9/9

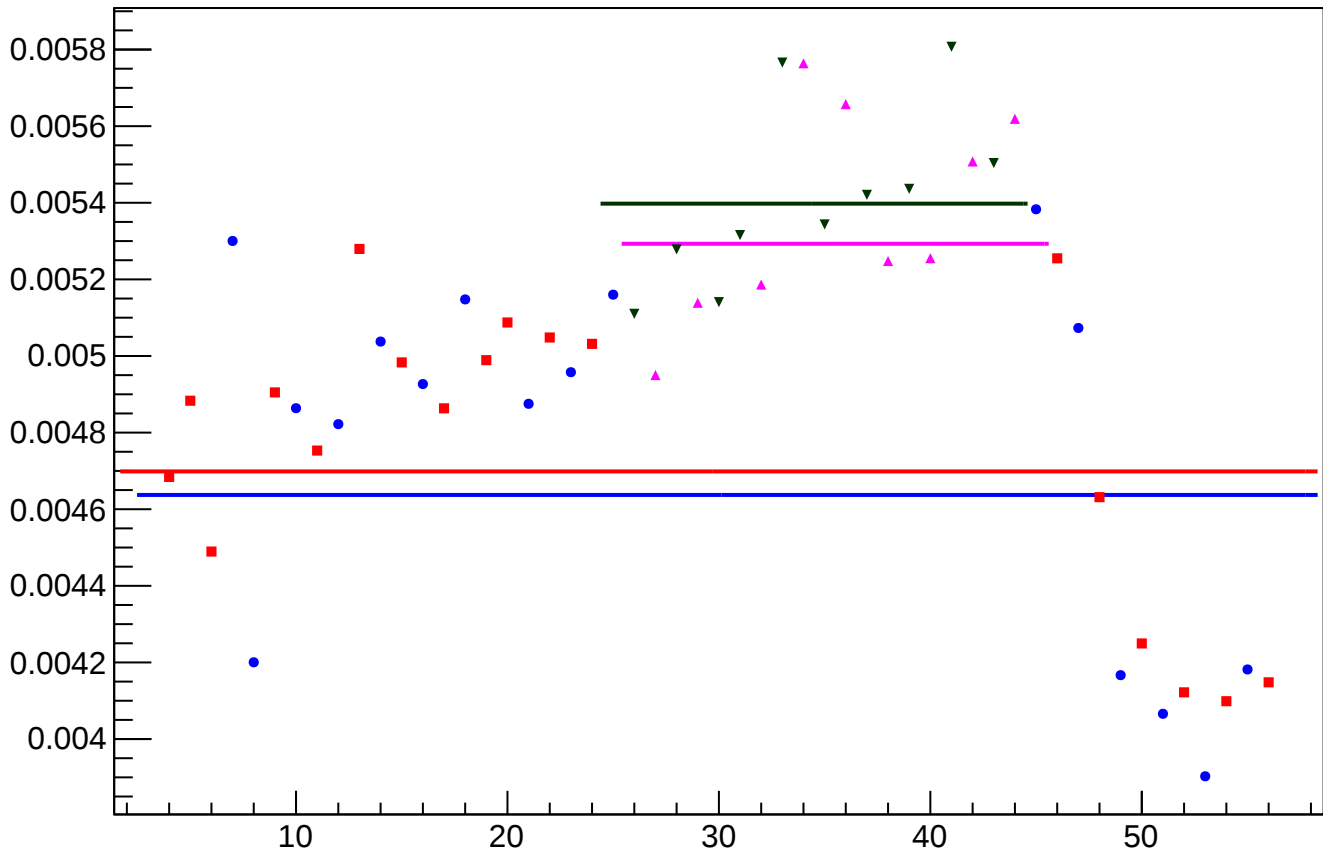
Right Out: -1.732+/-0.000 χ^2/NDF : 40620394888.7/17

Left In: -1.488+/-0.000 χ^2/NDF :281282296.5/8

-1.637+/-0.000 χ^2/NDF : 59438481617.3/25

-1.653+/-0.000 χ^2/NDF : 48825663136.6/26

yield_bpm0l06Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 190979.6/15

Left Out: 0.005+/-0.000 χ^2/NDF :16600.8/9

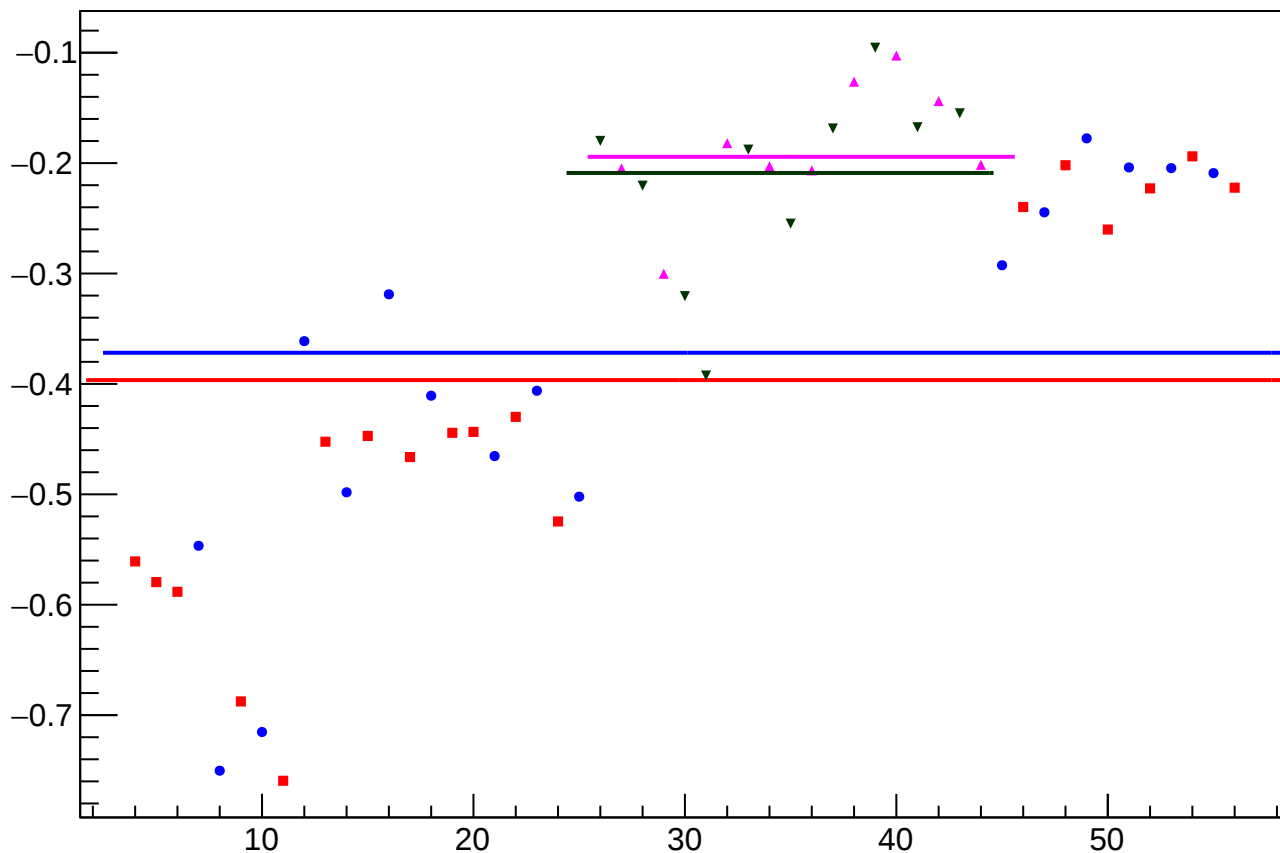
Right Out: 0.005+/-0.000 χ^2/NDF : 130847.1/17

Left In: 0.005+/-0.000 χ^2/NDF :25779.4/8

0.005+/-0.000 χ^2/NDF : 353563.6/25

0.005+/-0.000 χ^2/NDF : 250455.4/26

yield_bpm0l07X_mean vs slug



Right In: -0.372 ± 0.000 χ^2/NDF : 1473491543.8/15

Left Out: -0.209 ± 0.000 χ^2/NDF : 145606796.2/9

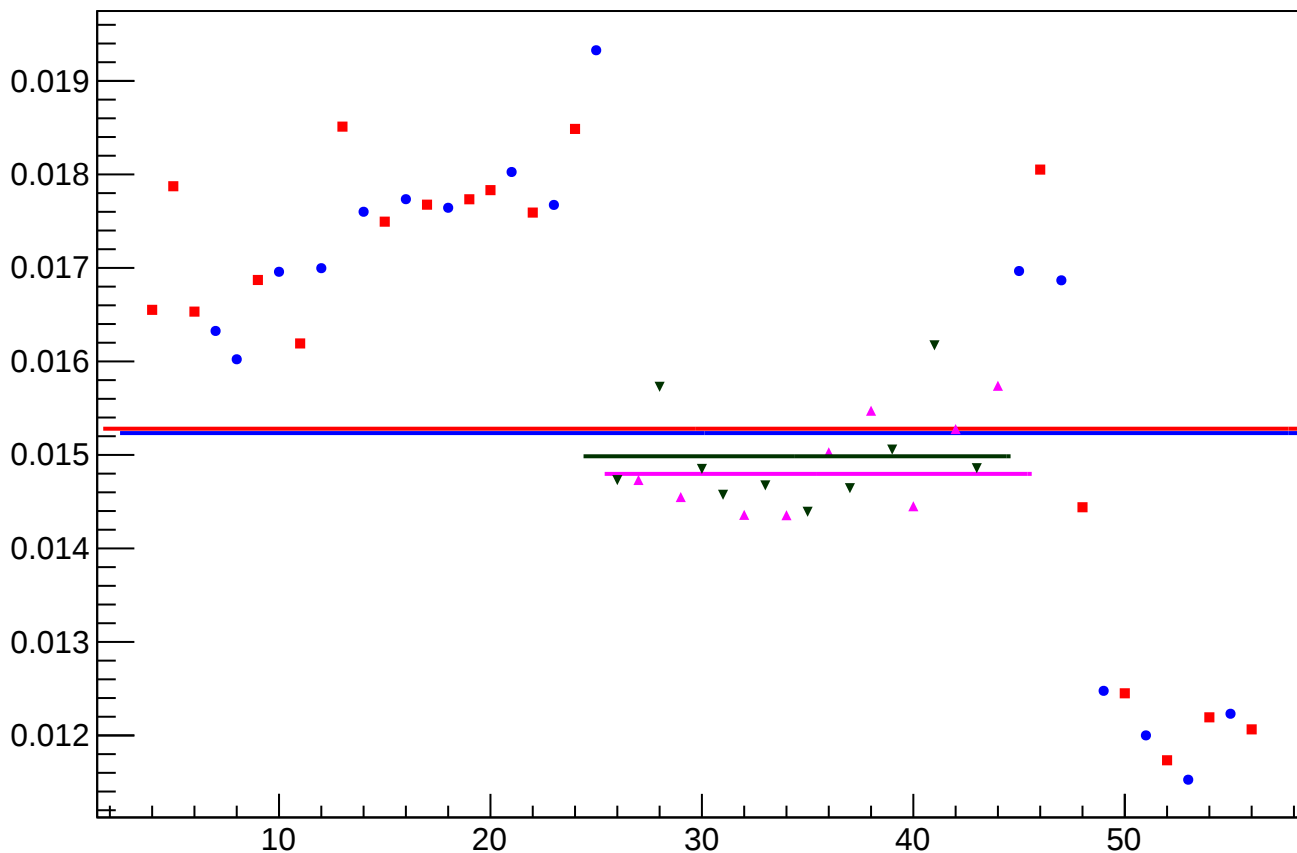
Right Out: -0.397 ± 0.000 χ^2/NDF : 1272884039.0/17

Left In: -0.194 ± 0.000 χ^2/NDF : 81659796.5/8

-0.312 ± 0.000 χ^2/NDF : 2016730531.4/25

-0.315 ± 0.000 χ^2/NDF : 1979677544.8/26

yield_bpm0l07X_rms vs slug



Right In: 0.015+/-0.000 $\chi^2/\text{NDF}: 532838.5/15$

Left Out: 0.015+/-0.000 $\chi^2/\text{NDF}: 13214.2/9$

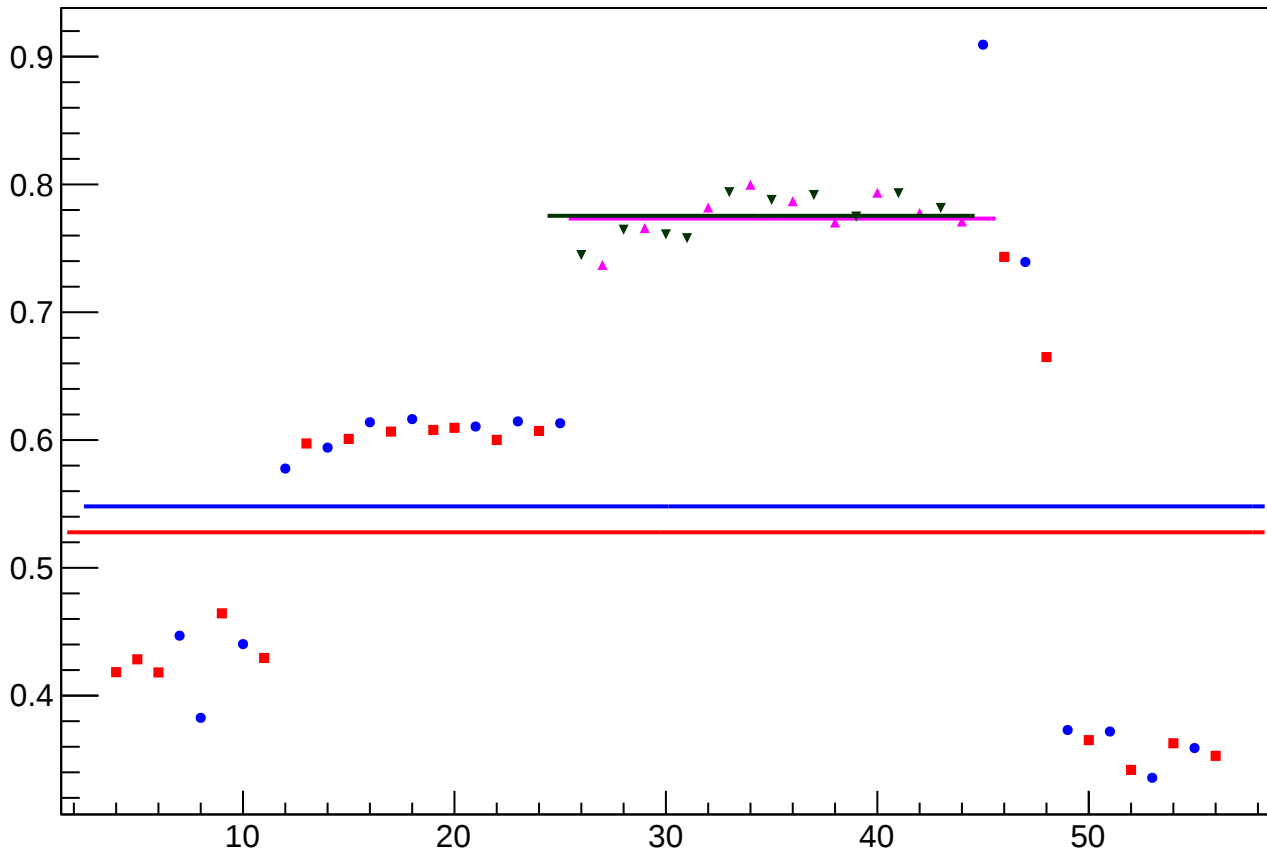
Right Out: 0.015+/-0.000 $\chi^2/\text{NDF}: 513031.5/17$

Left In: 0.015+/-0.000 $\chi^2/\text{NDF}: 10554.2/8$

0.015+/-0.000 $\chi^2/\text{NDF}: 547898.3/25$

0.015+/-0.000 $\chi^2/\text{NDF}: 530723.4/26$

yield_bpm0l07Y_mean vs slug



Right In: 0.548 $\pm$ 0.000 χ^2/NDF : 19049641314.3/15

Left Out: 0.775 $\pm$ 0.000 χ^2/NDF : 122038329.5/9

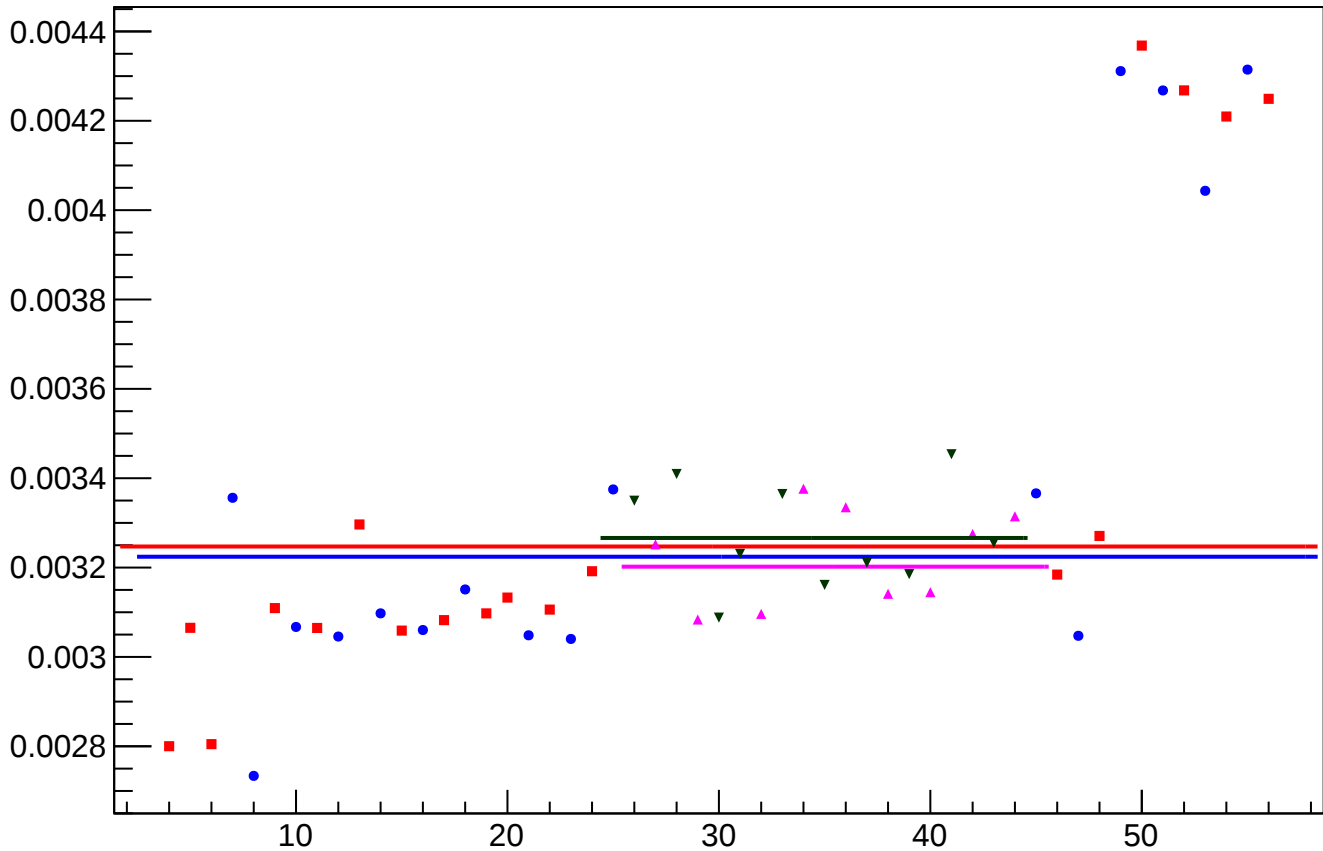
0.627 $\pm$ 0.000 χ^2/NDF : 35558044010.5/25

Right Out: 0.528 $\pm$ 0.000 χ^2/NDF : 10937755421.1/17

0.623 $\pm$ 0.000 χ^2/NDF : 31017404193.5/26

Left In: 0.773 $\pm$ 0.000 χ^2/NDF : 173800769.3/8

yield_bpm0l07Y_rms vs slug



Right In: 0.003 ± 0.000 $\chi^2/NDF: 355414.6/15$

Left Out: 0.003 ± 0.000 $\chi^2/NDF: 12873.3/9$

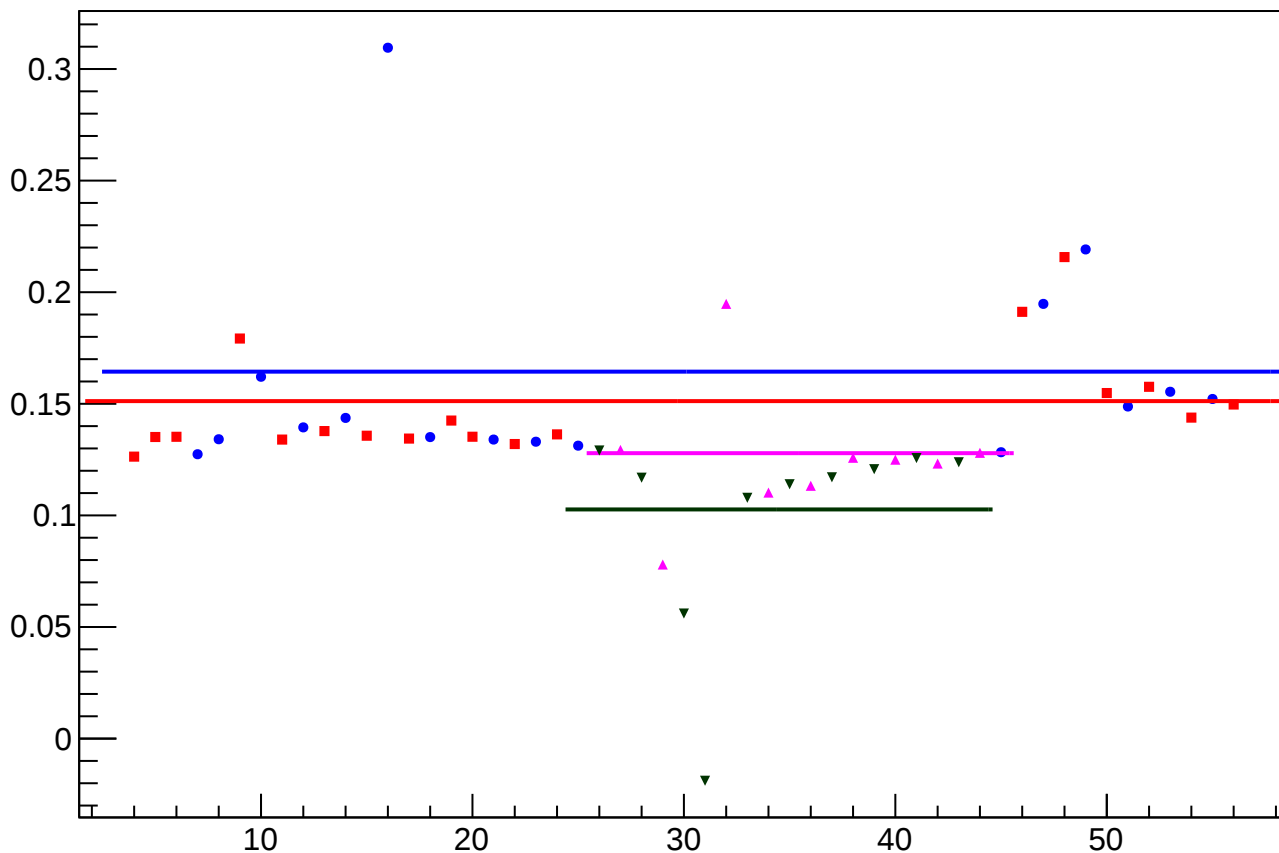
Right Out: 0.003 ± 0.000 $\chi^2/NDF: 301031.3/17$

Left In: 0.003 ± 0.000 $\chi^2/NDF: 11463.7/8$

0.003 ± 0.000 $\chi^2/NDF: 369406.8/25$

0.003 ± 0.000 $\chi^2/NDF: 313841.6/26$

yield_bpm0l08X_mean vs slug



Right In: 0.164 ± 0.000 χ^2/NDF : 92506517.6/15

Left Out: 0.103 ± 0.000 χ^2/NDF : 42575286.2/9

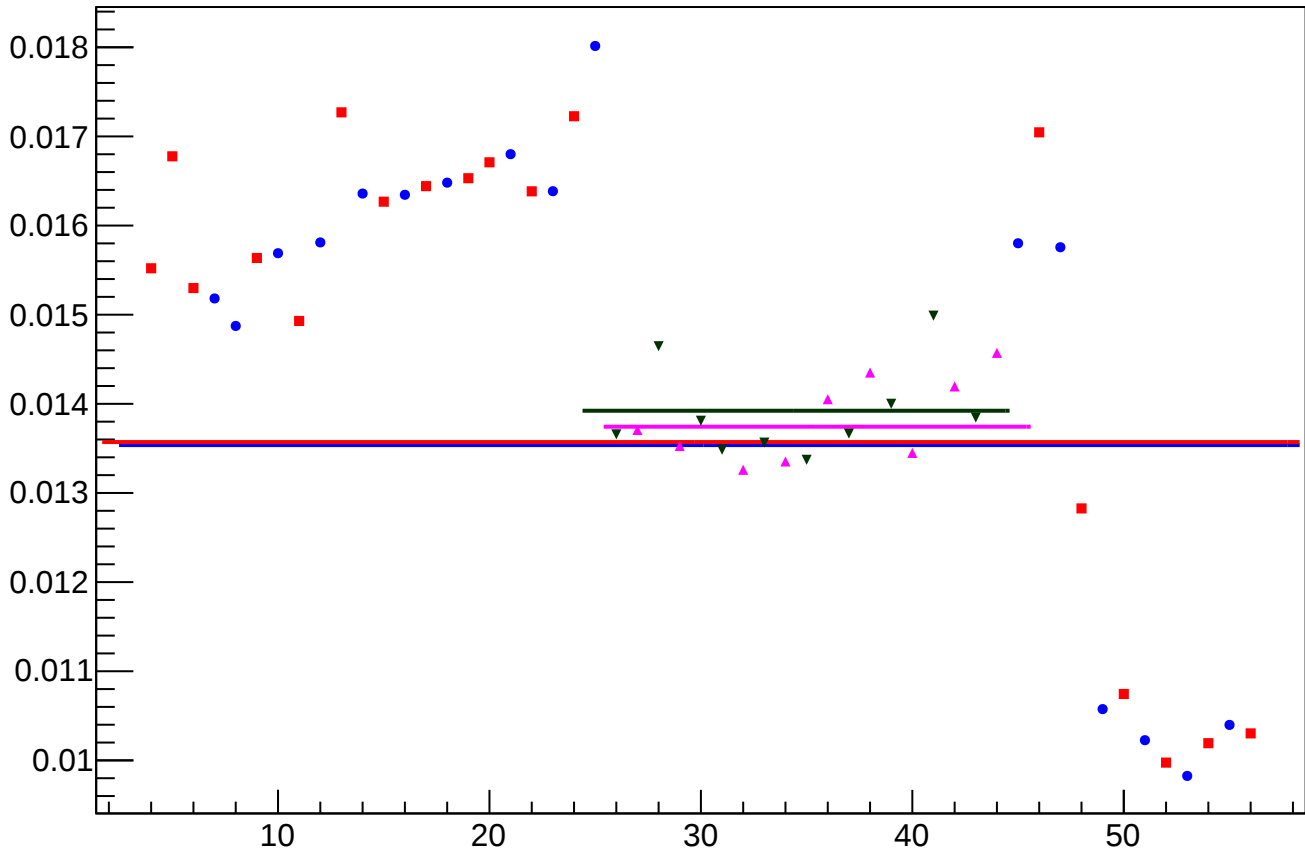
Right Out: 0.151 ± 0.000 χ^2/NDF : 22443011.4/17

Left In: 0.128 ± 0.000 χ^2/NDF : 35319224.9/8

0.143 ± 0.000 χ^2/NDF : 202992537.2/25

0.142 ± 0.000 χ^2/NDF : 67661151.4/26

yield_bpm0l08X_rms vs slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 836004.9/15

Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 13410.6/9

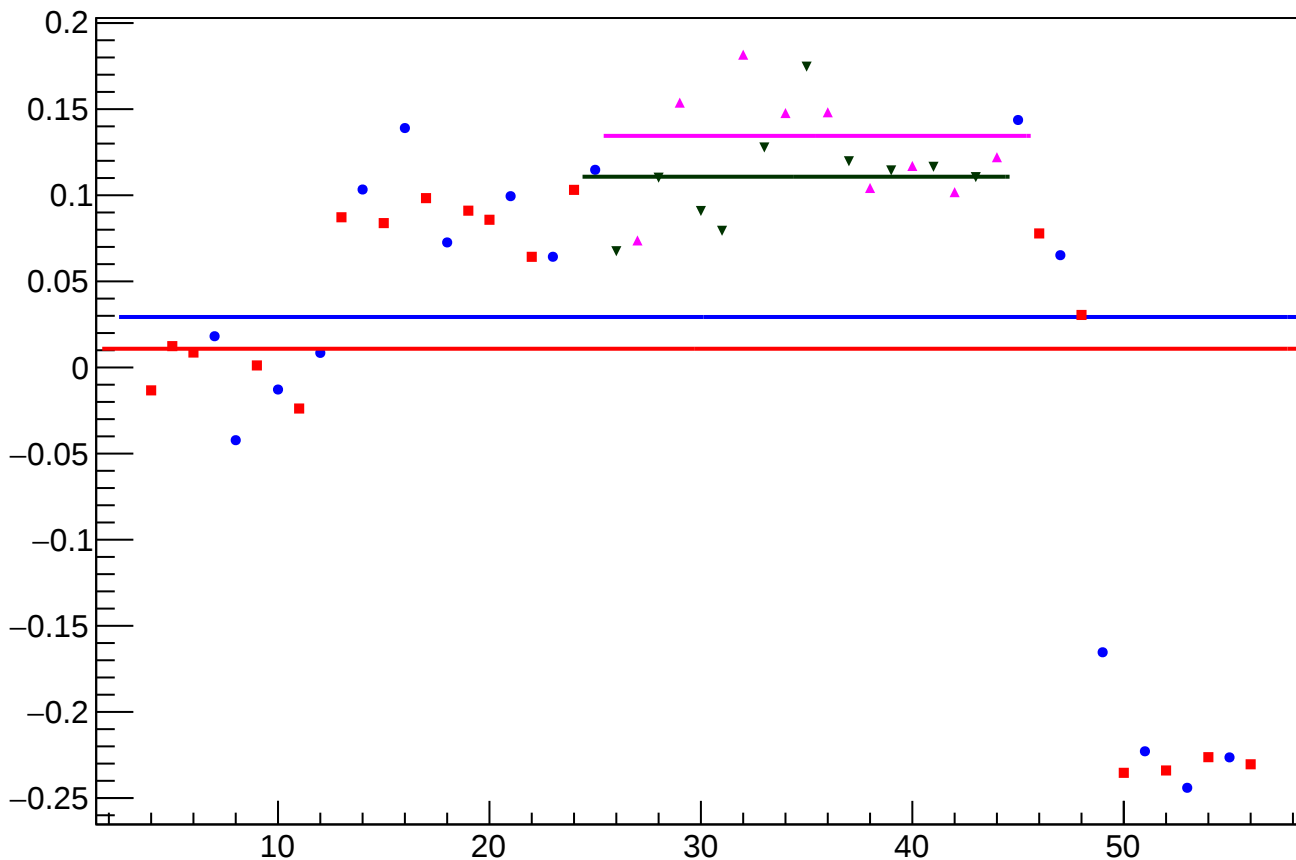
Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 801126.0/17

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF: 10776.7/8

0.014 $\pm$ 0.000 χ^2 /NDF: 854702.0/25

0.014 $\pm$ 0.000 χ^2 /NDF: 812982.5/26

yield_bpm0l08Y_mean vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 8885744989.8/15

Left Out: 0.111+/-0.000 χ^2/NDF : 325634113.5/9

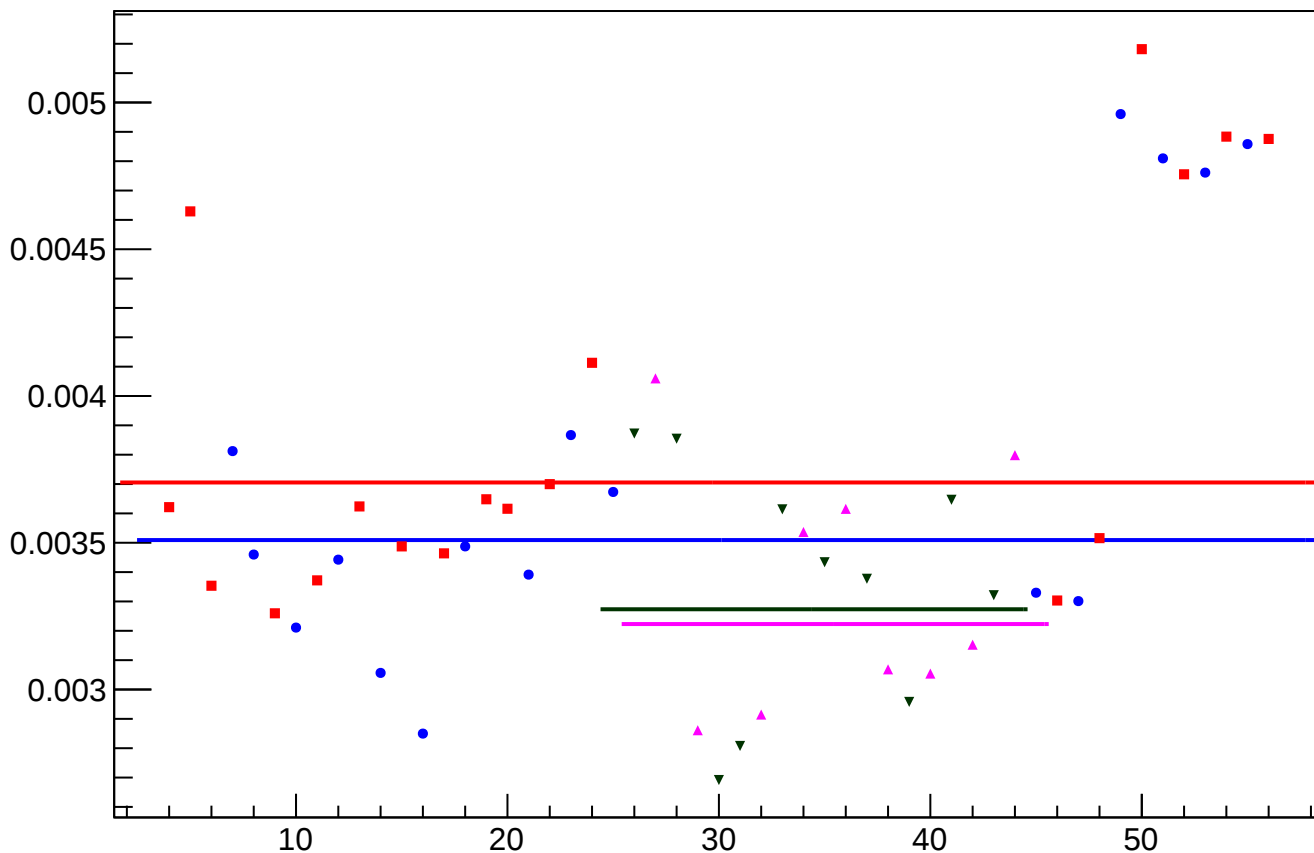
0.061+/-0.000 χ^2/NDF : 11126504339.5/25

Right Out: 0.011+/-0.000 χ^2/NDF : 6885961384.6/17

0.066+/-0.000 χ^2/NDF : 11828021966.1/26

Left In: 0.134+/-0.000 χ^2/NDF : 584141111.2/8

yield_bpm0l08Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 502062.5/15

Left Out: 0.003 $\pm$ 0.000 χ^2 /NDF:157067.3/9

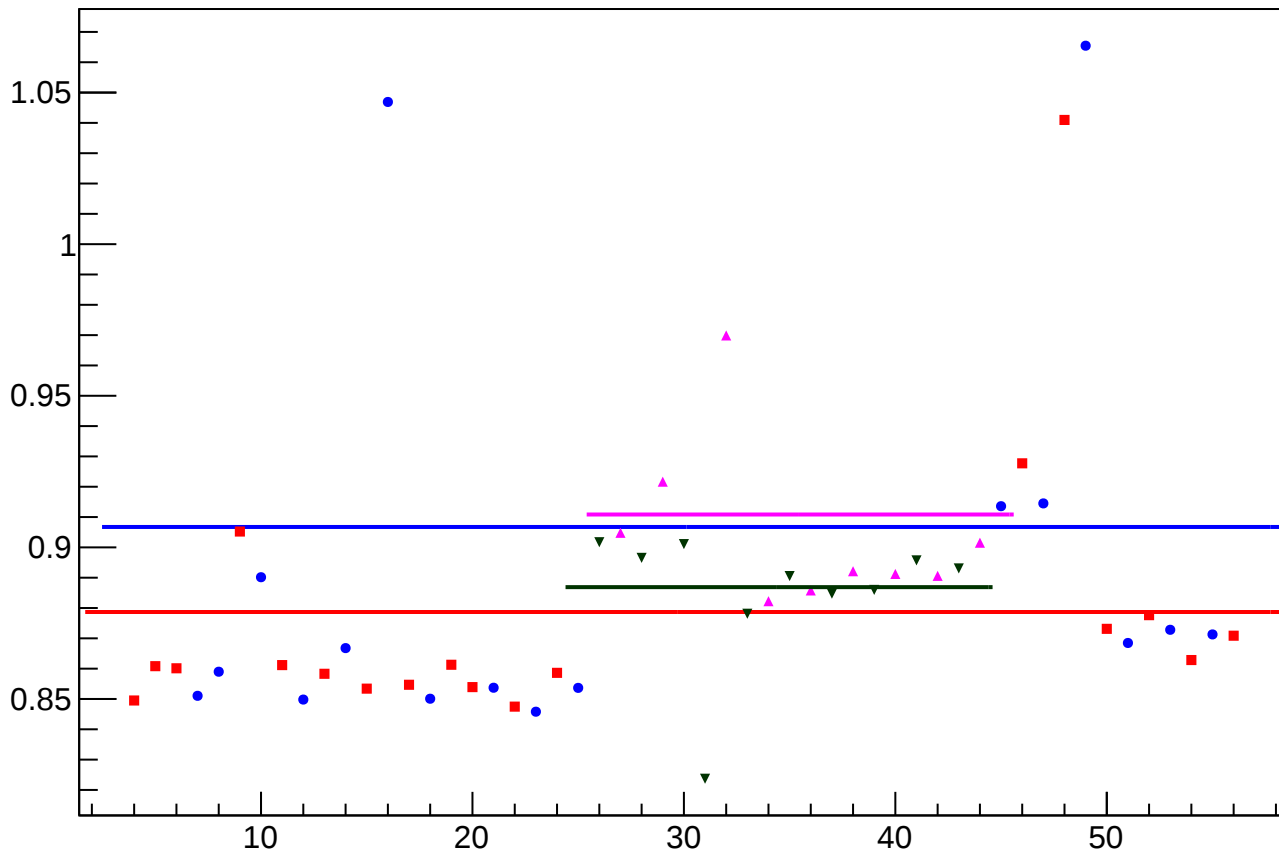
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 349598.1/17

Left In: 0.003 $\pm$ 0.000 χ^2 /NDF:163315.9/8

0.003 $\pm$ 0.000 χ^2 /NDF: 691225.9/25

0.003 $\pm$ 0.000 χ^2 /NDF: 645628.8/26

yield_bpm0l09X_mean vs slug



Right In: 0.907+/-0.000 χ^2/NDF : 311025320.6/15

Left Out: 0.887+/-0.000 χ^2/NDF :10371268.3/9

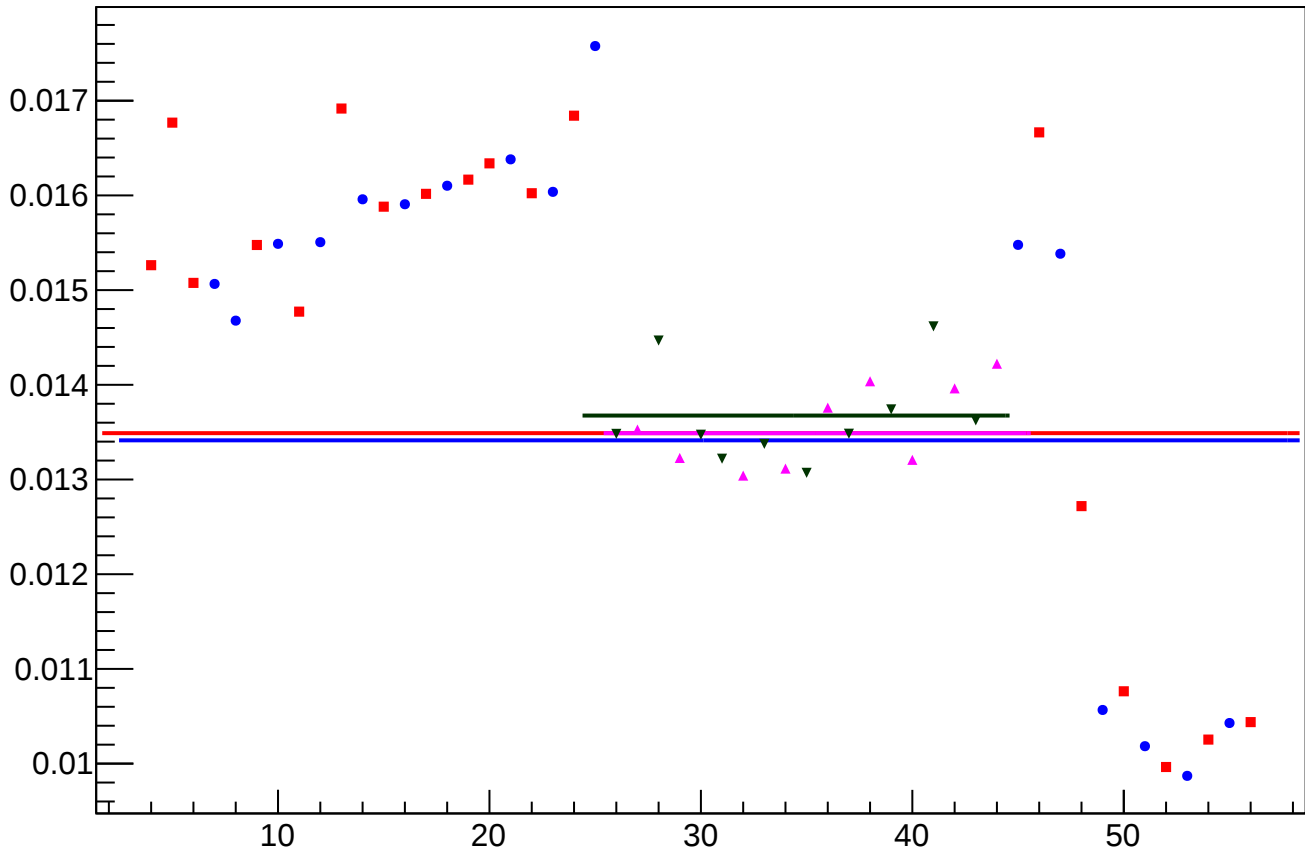
Right Out: 0.879+/-0.000 χ^2/NDF : 92236644.0/17

Left In: 0.911+/-0.000 χ^2/NDF :26013449.3/8

0.900+/-0.000 χ^2/NDF : 328627653.0/25

0.891+/-0.000 χ^2/NDF : 137602546.5/26

yield_bpm0l09X_rms vs slug



Right In: 0.013 $\pm$ 0.000 χ^2/NDF : 753003.7/15

Left Out: 0.014 $\pm$ 0.000 χ^2/NDF :13316.5/9

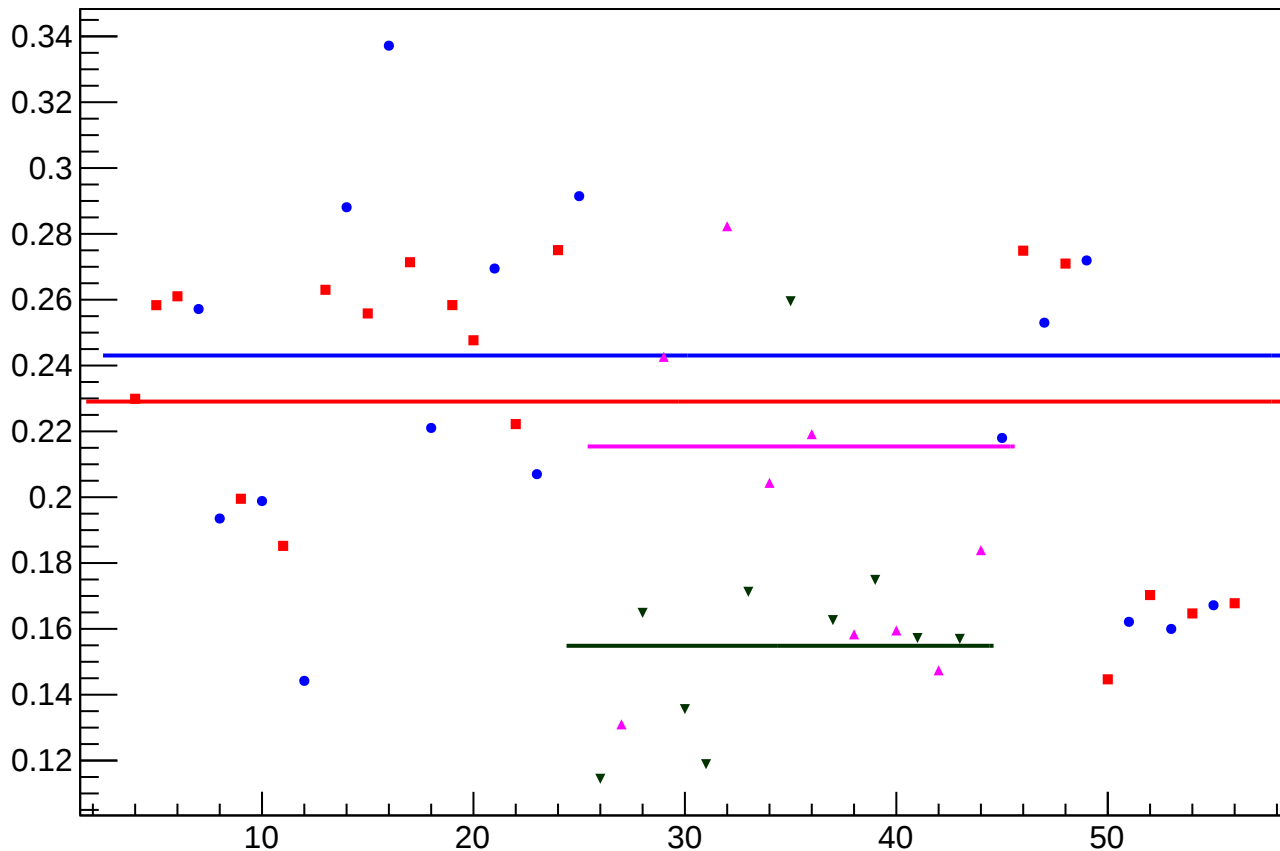
Right Out: 0.013 $\pm$ 0.000 χ^2/NDF : 716936.7/17

Left In: 0.013 $\pm$ 0.000 χ^2/NDF :9868.2/8

0.014 $\pm$ 0.000 χ^2/NDF : 768835.0/25

0.013 $\pm$ 0.000 χ^2/NDF : 726805.0/26

yield_bpm0l09Y_mean vs slug



Right In: 0.243 ± 0.000 χ^2/NDF : 2125709149.9/15

Left Out: 0.155 ± 0.000 χ^2/NDF : 491584814.3/9

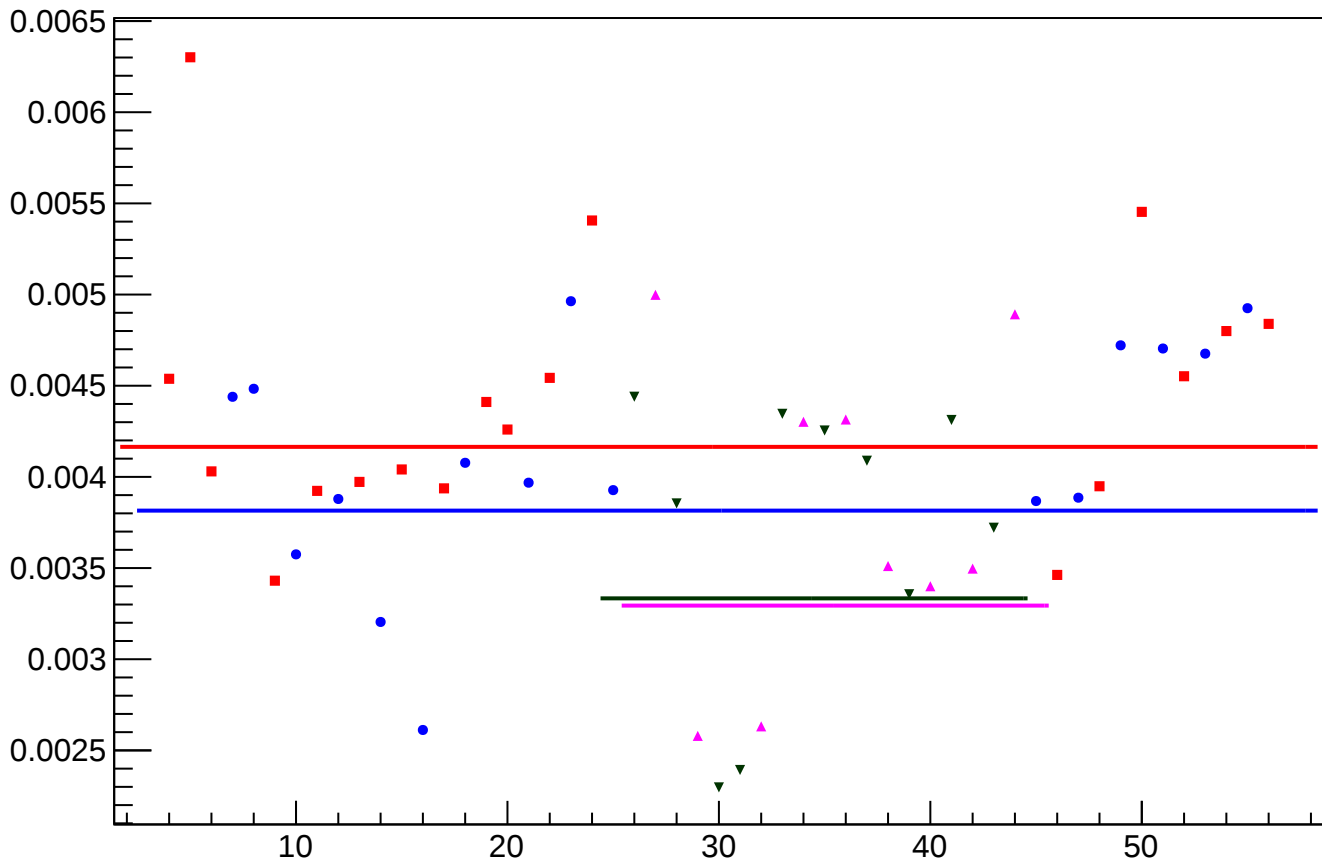
Right Out: 0.229 ± 0.000 χ^2/NDF : 862503860.6/17

Left In: 0.215 ± 0.000 χ^2/NDF : 1302153804.0/8

0.207 ± 0.000 χ^2/NDF : 4563141078.8/25

0.222 ± 0.000 χ^2/NDF : 2208619153.5/26

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 614128.0/15

Left Out: 0.003+/-0.000 χ^2/NDF :596508.1/9

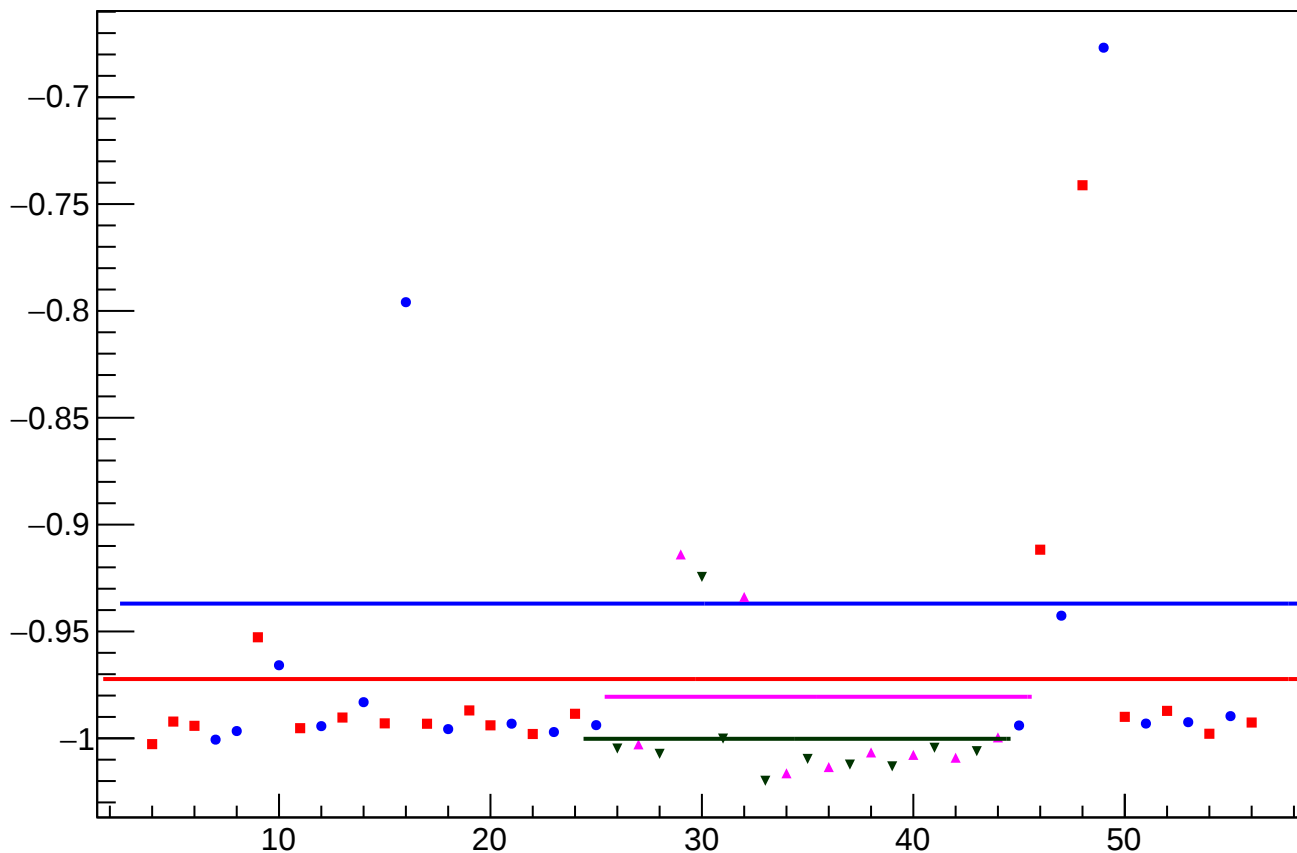
Right Out: 0.004+/-0.000 χ^2/NDF : 306059.9/17

Left In: 0.003+/-0.000 χ^2/NDF :624356.7/8

0.004+/-0.000 χ^2/NDF : 1326507.7/25

0.004+/-0.000 χ^2/NDF : 1288765.7/26

yield_bpm0l10X_mean vs slug



Right In: -0.937+/-0.000 χ^2/NDF : 634124045.0/15

Left Out: -1.000+/-0.000 χ^2/NDF : 20984094.7/9

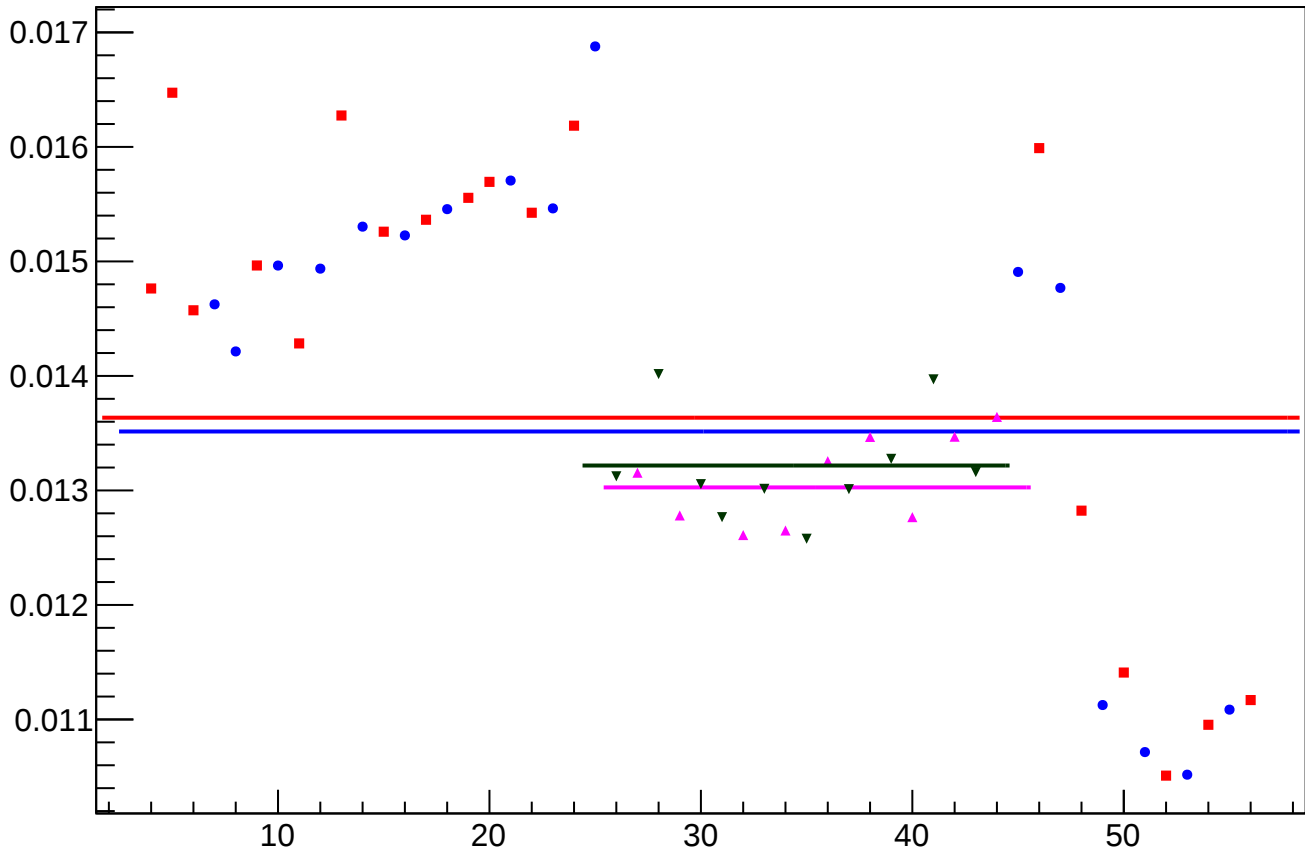
Right Out: -0.972+/-0.000 χ^2/NDF : 173682211.1/17

Left In: -0.981+/-0.000 χ^2/NDF : 51761164.5/8

-0.960+/-0.000 χ^2/NDF : 731757902.2/25

-0.976+/-0.000 χ^2/NDF : 226780884.3/26

yield_bpm0l10X_rms vs slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 447738.1/15

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF:12265.8/9

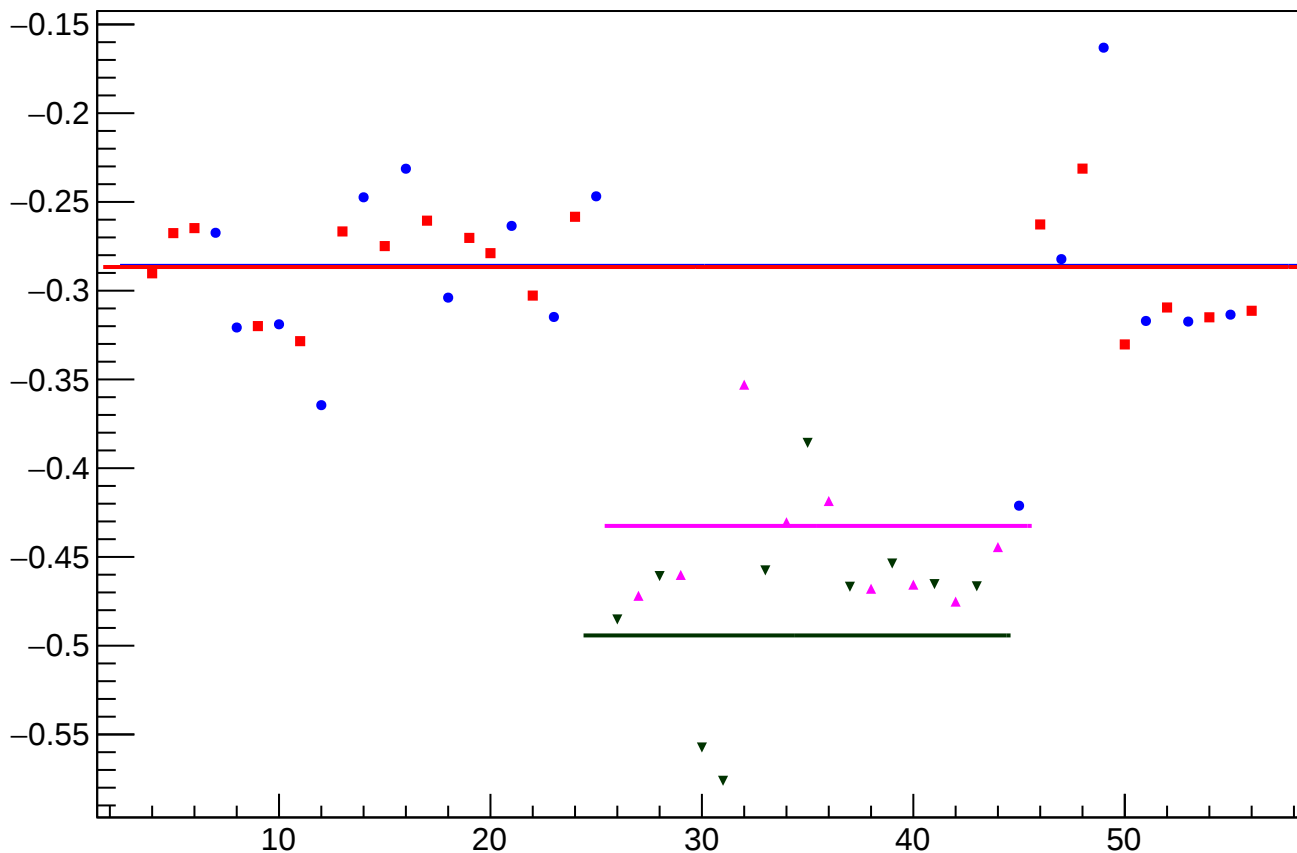
0.013 $\pm$ 0.000 χ^2 /NDF: 463387.1/25

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 429289.7/17

0.013 $\pm$ 0.000 χ^2 /NDF: 452275.1/26

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF:8570.4/8

yield_bpm0l10Y_mean vs slug



Right In: -0.286+/-0.000 χ^2/NDF : 2562257023.1/15

Left Out: -0.494+/-0.000 χ^2/NDF : 1568805763.5/9

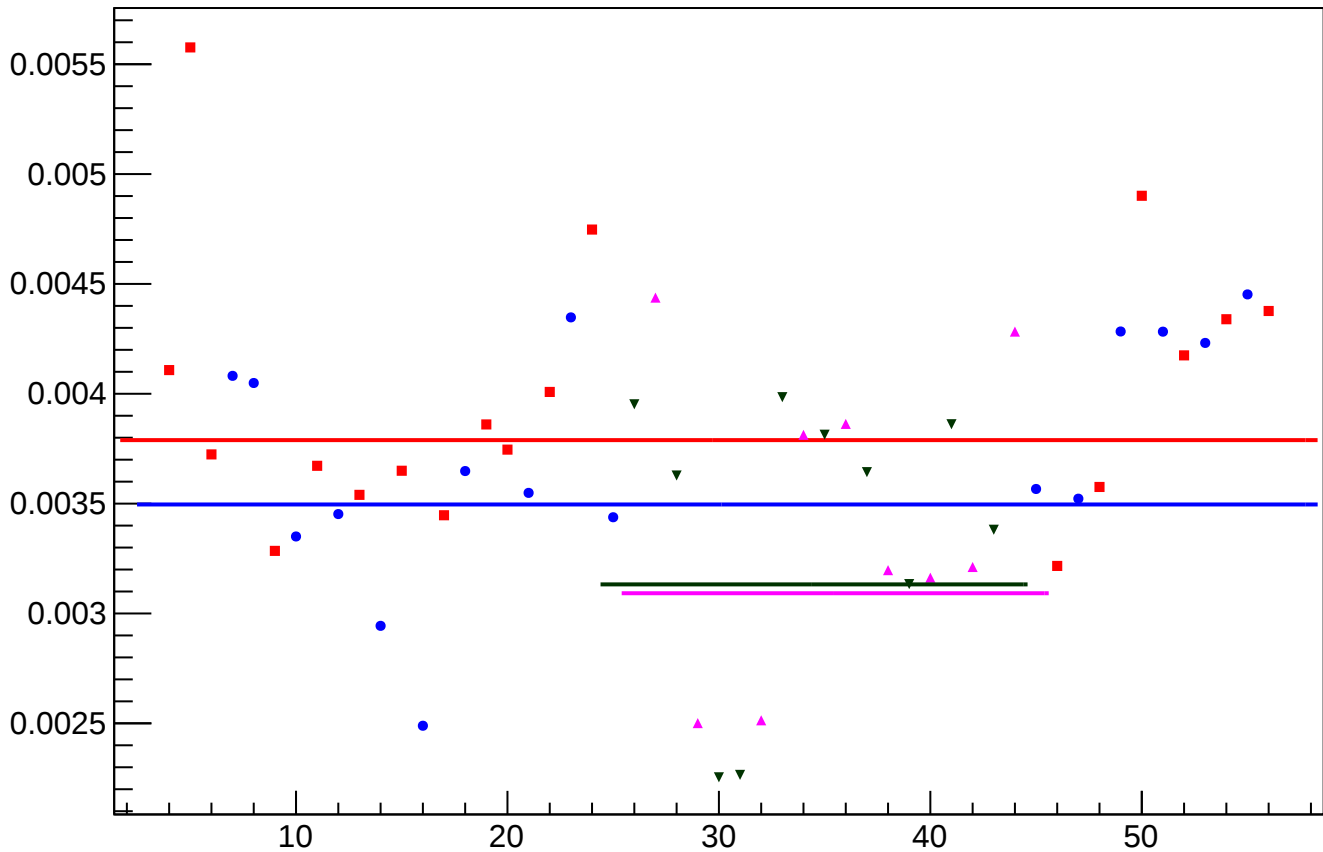
Right Out: -0.287+/-0.000 χ^2/NDF : 495697747.4/17

Left In: -0.433+/-0.000 χ^2/NDF : 1186728653.8/8

-0.368+/-0.000 χ^2/NDF : 16899481718.3/25

-0.355+/-0.000 χ^2/NDF : 7671981116.8/26

yield_bpm0l10Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 512516.9/15

Left Out: 0.003+/-0.000 χ^2/NDF : 463941.8/9

Right Out: 0.004+/-0.000 χ^2/NDF : 249878.2/17

Left In: 0.003+/-0.000 χ^2/NDF : 472745.5/8

0.003+/-0.000 χ^2/NDF : 1054403.3/25

0.003+/-0.000 χ^2/NDF : 996145.4/26