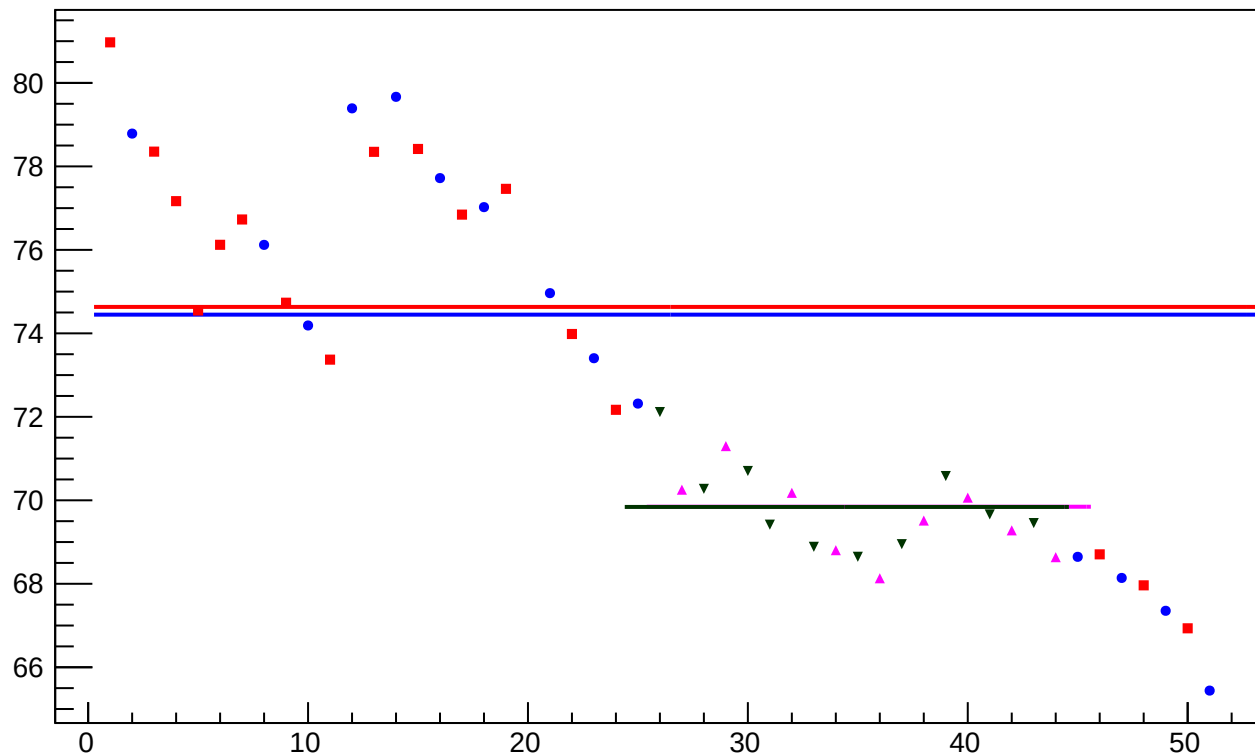


yield_usl_mean vs slug



Right In: 74.448+/-0.000

χ^2/NDF : 9638024823.4/13

Left Out: 69.841+/-0.000

χ^2/NDF : 215220633.1/9

Right Out: 74.633+/-0.000

χ^2/NDF : 5772470750.8/16

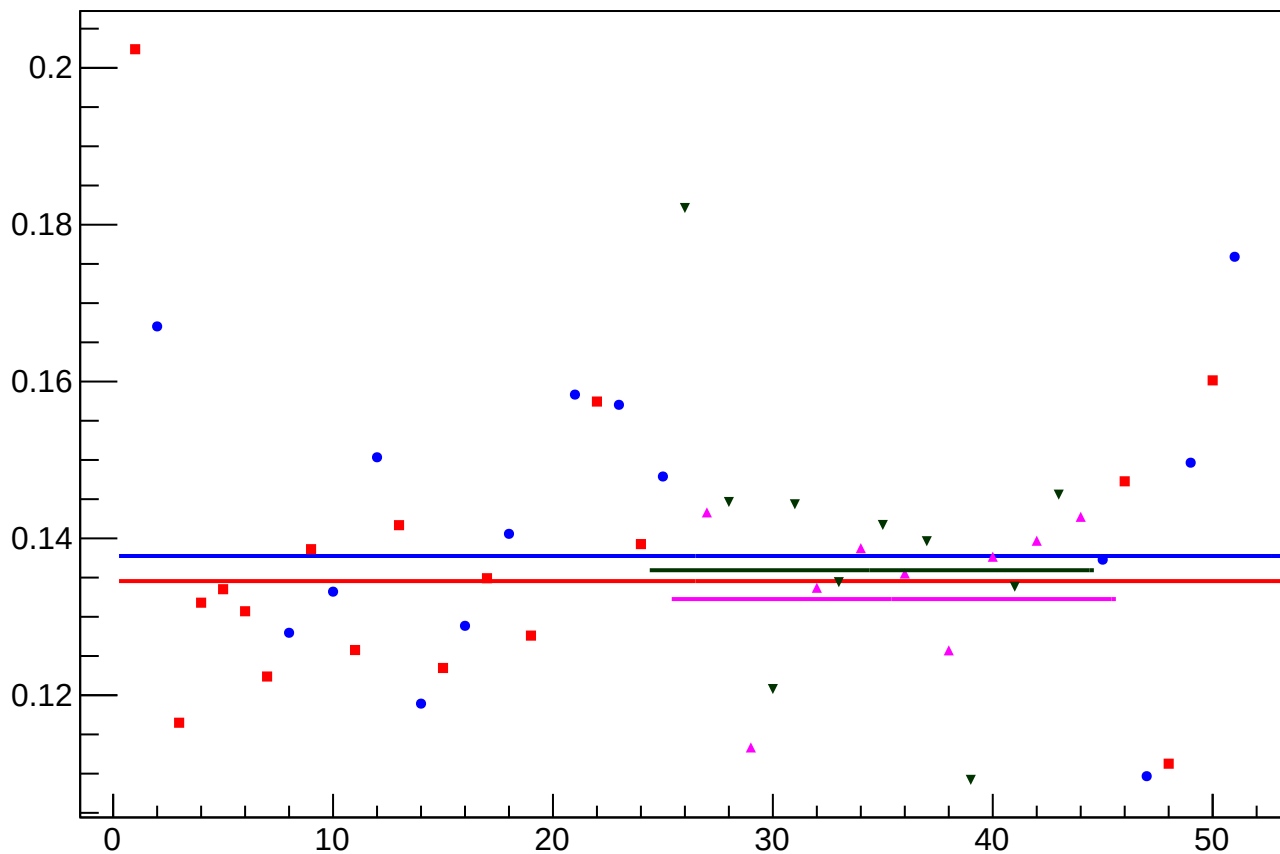
72.686+/-0.000

χ^2/NDF : 23553124536.5/49

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.138 $\pm$ 0.000 χ^2/NDF : 284906.9/13

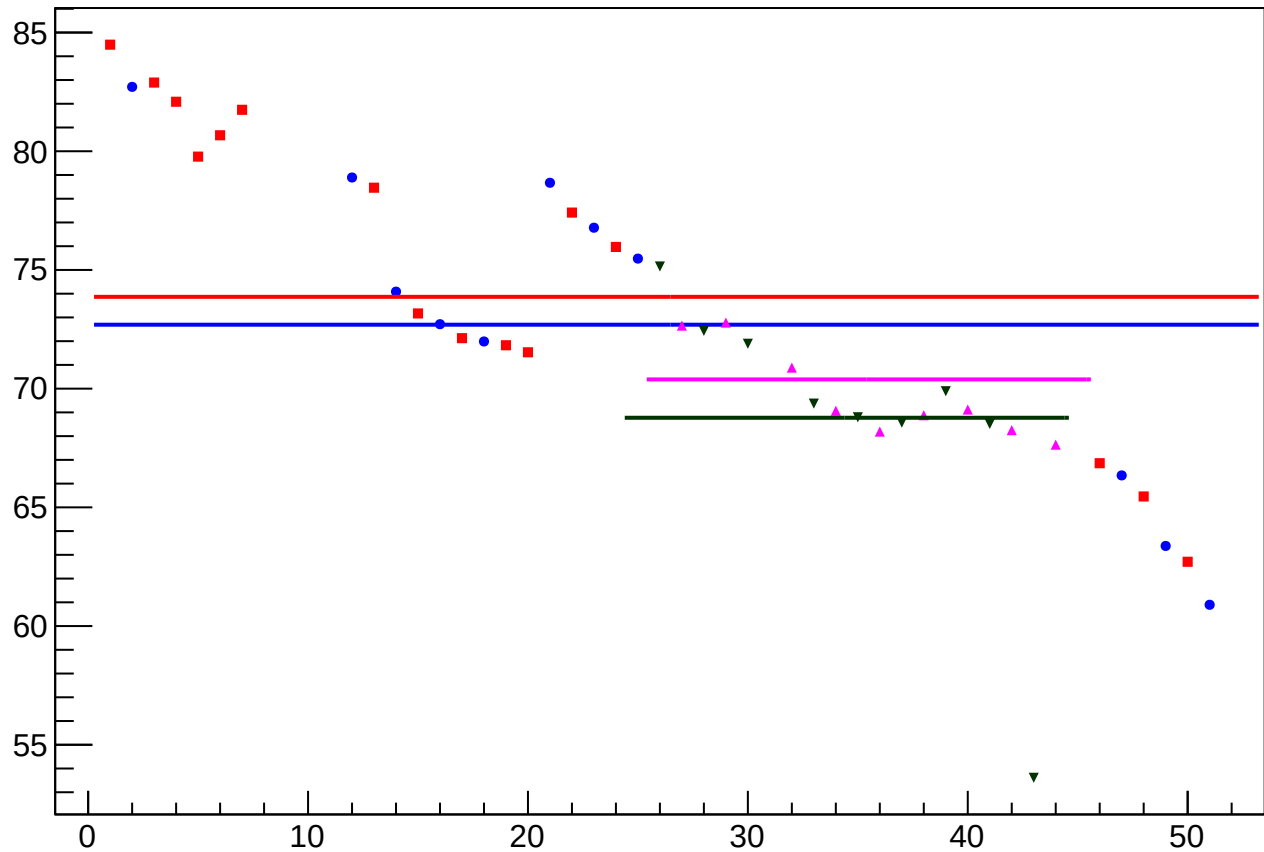
Left Out: 0.136 $\pm$ 0.000 χ^2/NDF : 142177.4/9

Right Out: 0.135 $\pm$ 0.000 χ^2/NDF : 256400.5/16

Left In: 0.132 $\pm$ 0.000 χ^2/NDF : 68230.9/8

0.135 $\pm$ 0.000 χ^2/NDF : 763556.1/49

yield_usr_mean vs slug



Right In: 72.694 $\pm$ 0.000 χ^2 /NDF: 31045570867.5/10

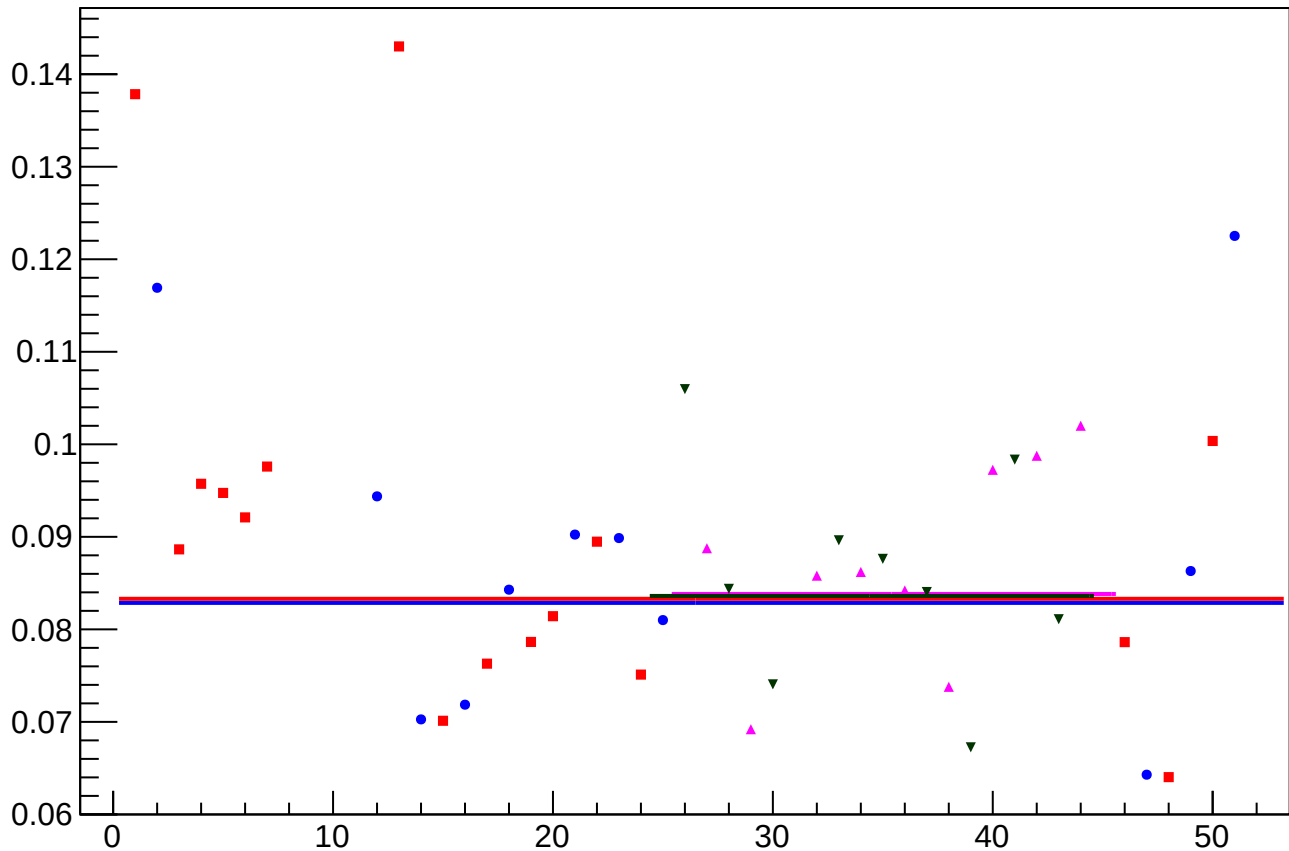
Left Out: 68.774 $\pm$ 0.000 χ^2 /NDF: 18384925742.4/8

Right Out: 73.868 $\pm$ 0.000 χ^2 /NDF: 32319358579.2/15

Left In: 70.389 $\pm$ 0.000 χ^2 /NDF: 2703253615.7/8

71.728 $\pm$ 0.000 χ^2 /NDF: 96114426135.3/44

yield_usr_rms vs slug



Right In: 0.083+/-0.000 χ^2/NDF : 434802.4/10

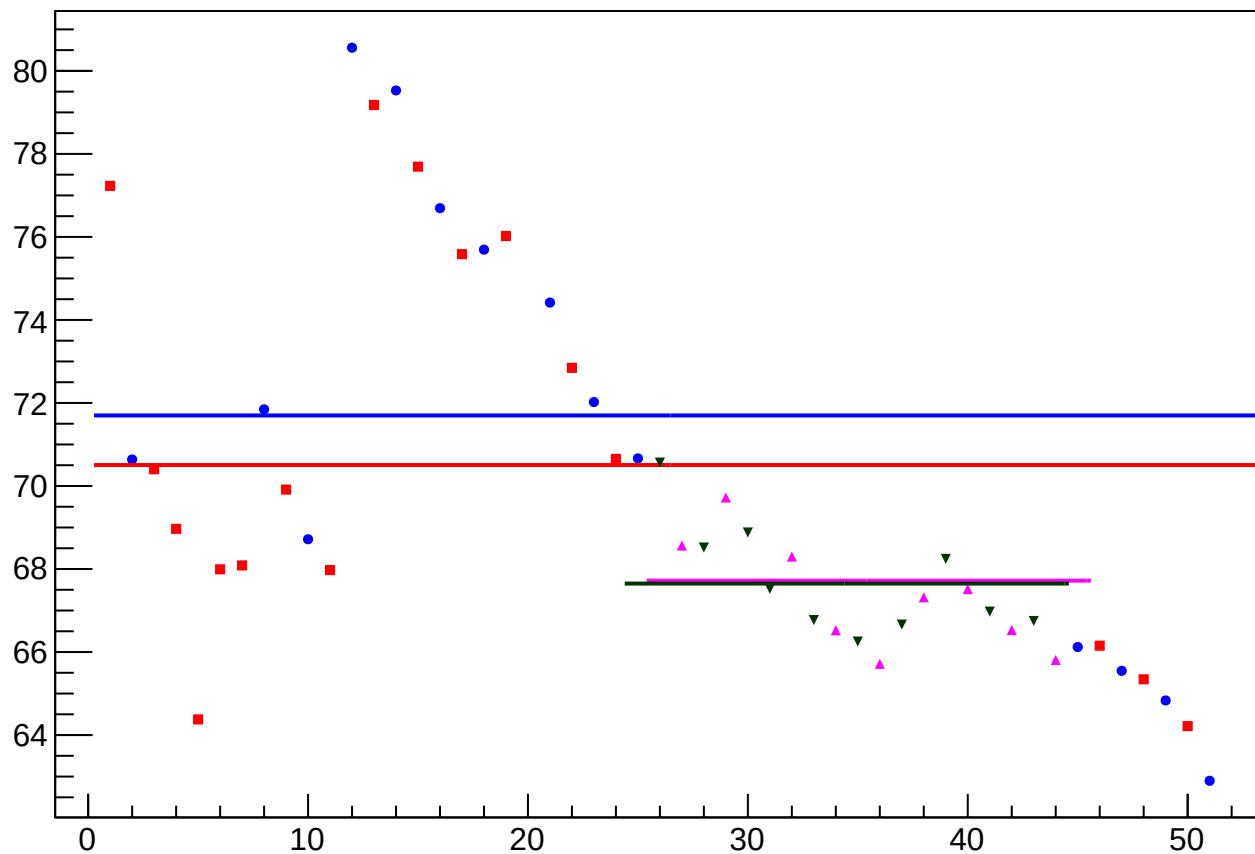
Left Out: 0.084+/-0.000 χ^2/NDF :137218.0/8

Right Out: 0.083+/-0.000 χ^2/NDF : 468752.8/15

Left In: 0.084+/-0.000 χ^2/NDF :162183.0/8

0.083+/-0.000 χ^2/NDF : 1203803.3/44

yield_dsl_mean vs slug



Right In: 71.699+/-0.000 χ^2 /NDF: 12762017608.0/13

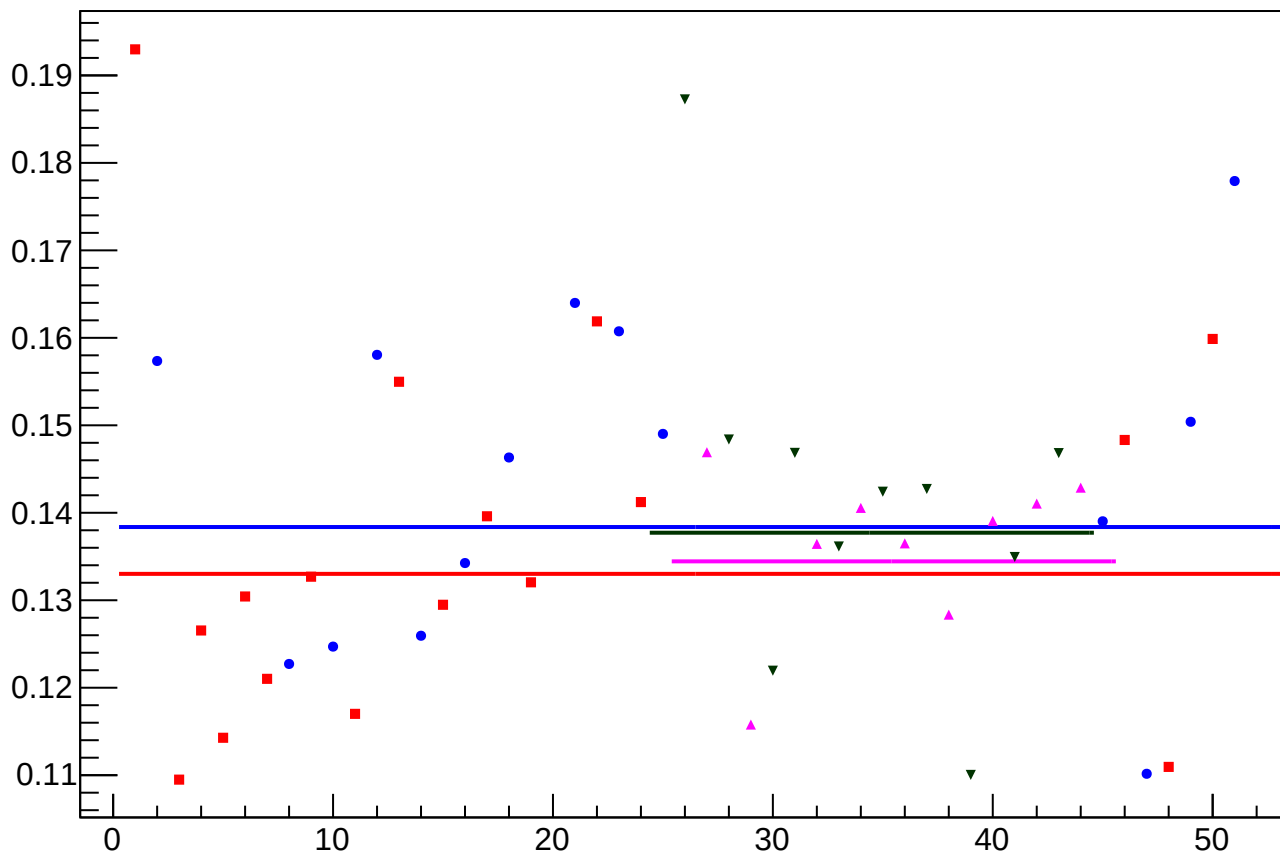
Left Out: 67.650+/-0.000 χ^2 /NDF: 329789627.8/9

Right Out: 70.505+/-0.000 χ^2 /NDF: 7750337972.2/16

Left In: 67.719+/-0.000 χ^2 /NDF: 544113079.1/8

69.792+/-0.000 χ^2 /NDF: 25719208835.7/49

yield_dsl_rms vs slug



Right In: 0.138+/-0.000 χ^2/NDF : 284094.4/13

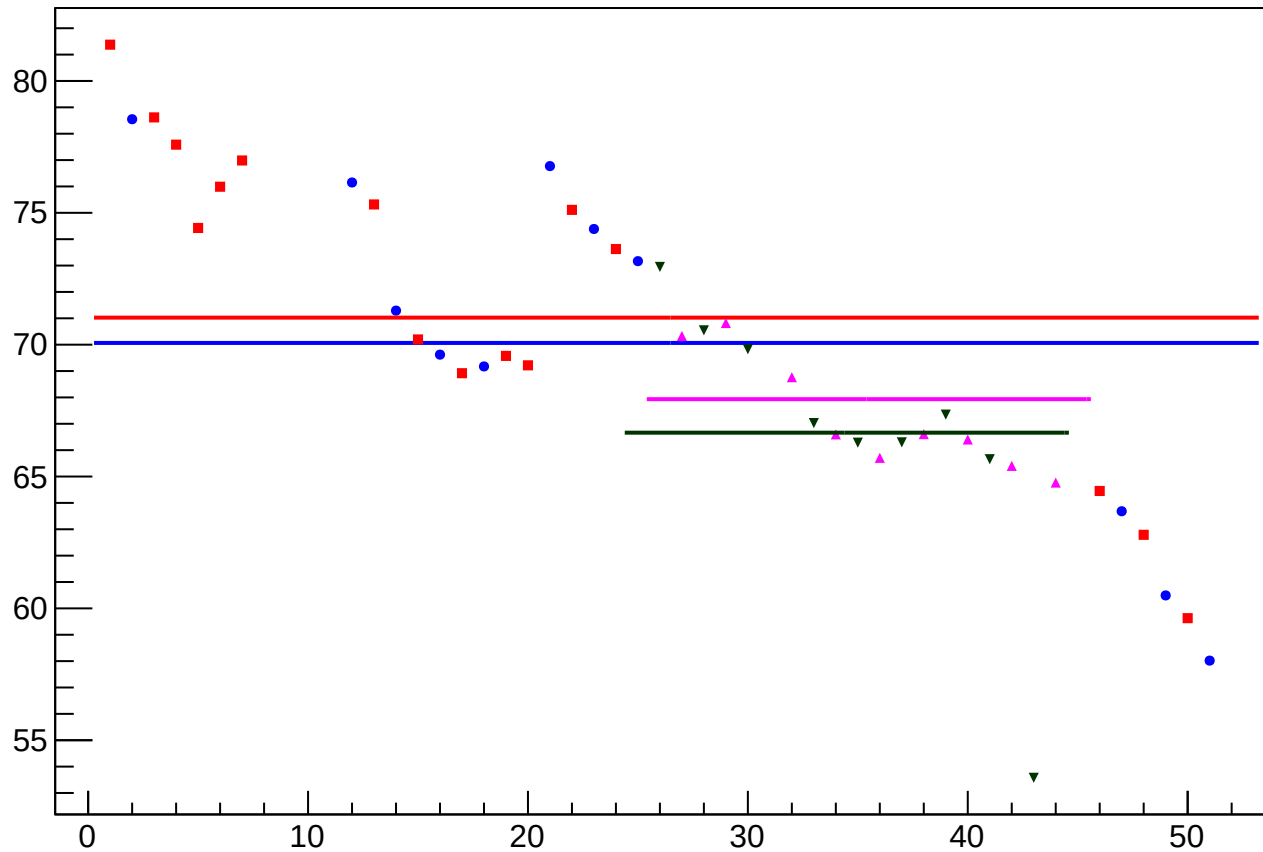
Left Out: 0.138+/-0.000 χ^2/NDF :153609.8/9

Right Out: 0.133+/-0.000 χ^2/NDF : 294190.0/16

Left In: 0.134+/-0.000 χ^2/NDF :63499.7/8

0.136+/-0.000 χ^2/NDF : 811023.0/49

yield_dsr_mean vs slug



Right In: 70.066+/-0.000 χ^2/NDF : 31878085089.7/10

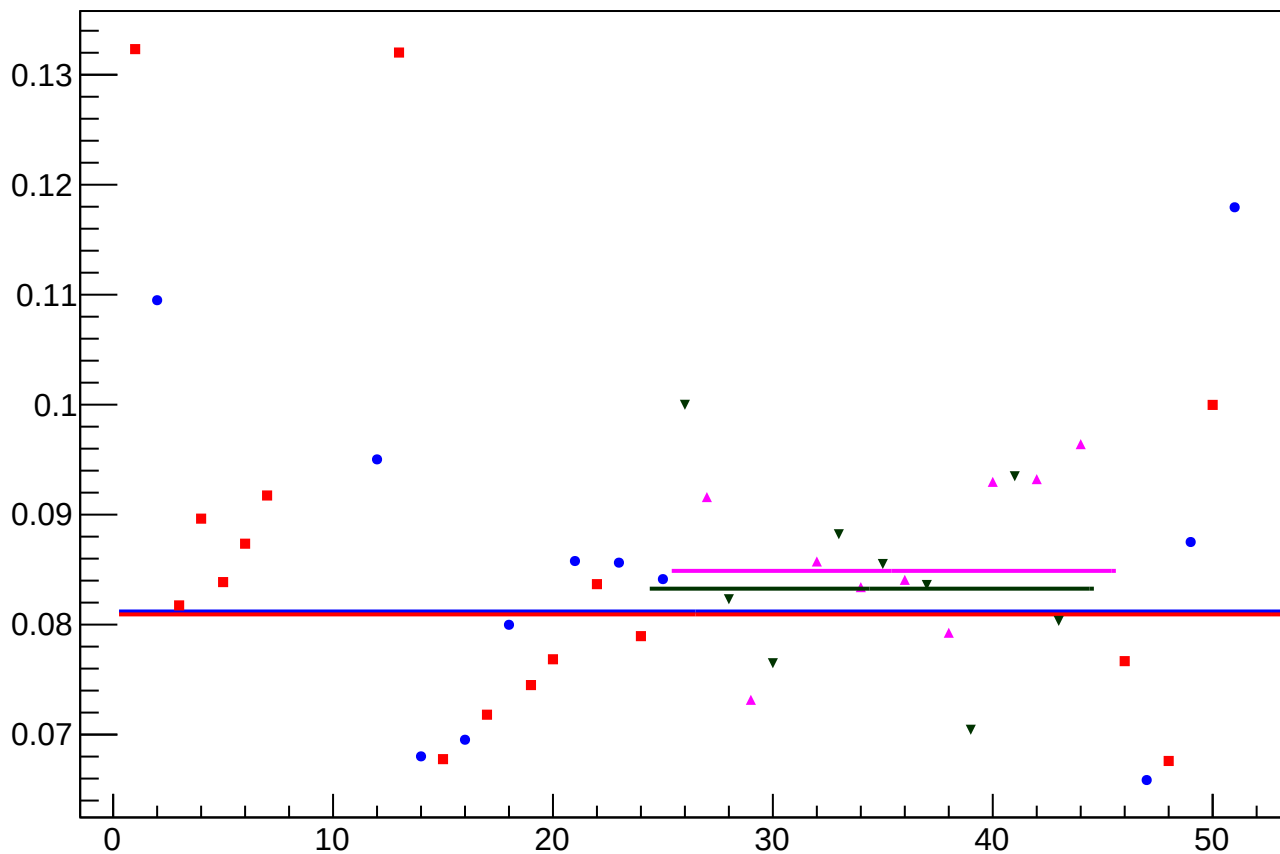
Left Out: 66.663+/-0.000 χ^2/NDF : 15457516618.3/8

Right Out: 71.026+/-0.000 χ^2/NDF : 28971383080.4/15

Left In: 67.934+/-0.000 χ^2/NDF : 3365329258.9/8

69.224+/-0.000 χ^2/NDF : 88770709000.3/44

yield_dsr_rms vs slug



Right In: 0.081+/-0.000 χ^2/NDF : 392936.1/10

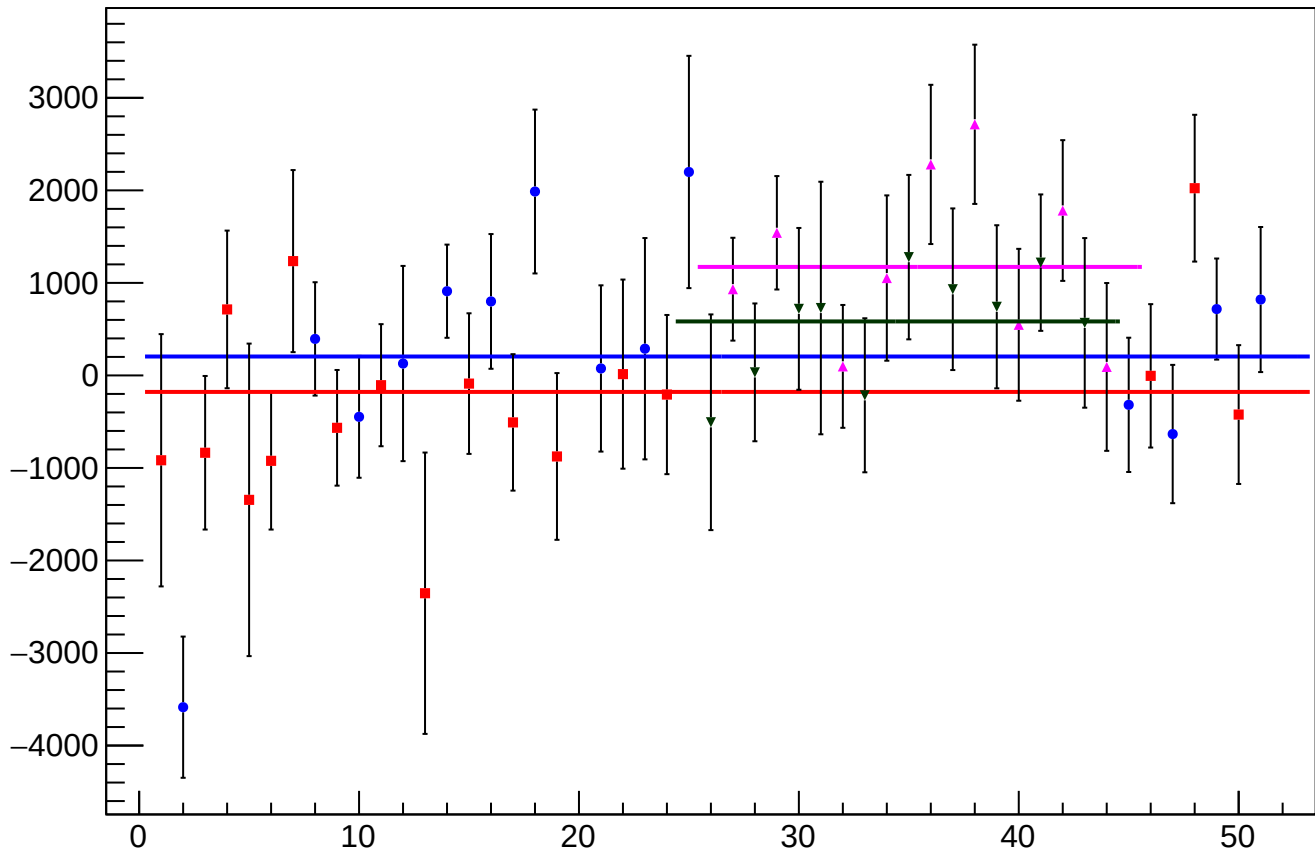
Left Out: 0.083+/-0.000 χ^2/NDF : 78459.0/8

Right Out: 0.081+/-0.000 χ^2/NDF : 392099.2/15

Left In: 0.085+/-0.000 χ^2/NDF : 81161.1/8

0.082+/-0.000 χ^2/NDF : 961335.8/44

asym_usl_mean vs slug



Right In: 204.423+/-196.364 χ^2/NDF : 38.3/13

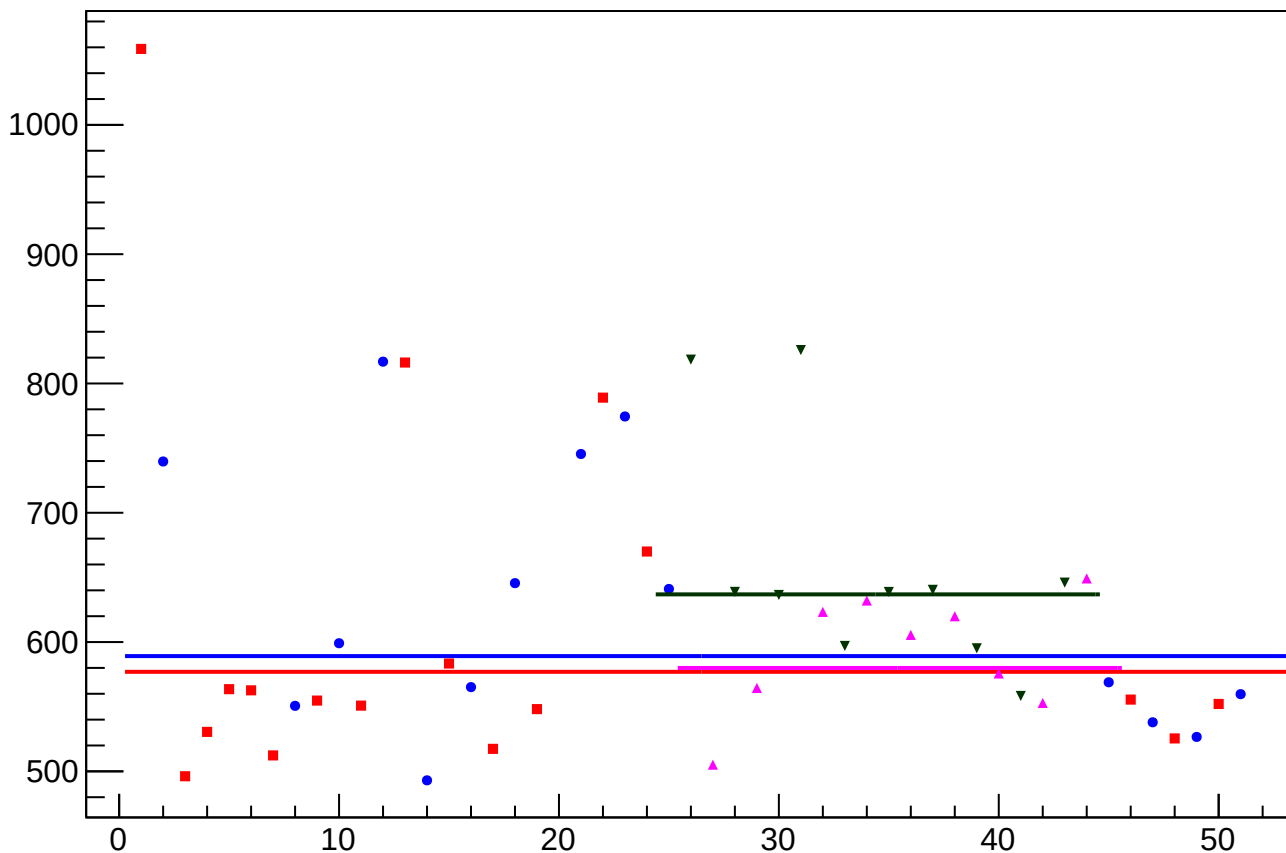
Left Out: 583.462+/-280.347 χ^2/NDF : 3.9/9

351.704+/-112.360 χ^2/NDF : 88.7/49

Right Out: -178.281+/-204.130 χ^2/NDF : 16.7/16

Left In: 1172.698+/-245.790 χ^2/NDF : 10.7/8

asym_usl_rms vs slug



Right In: 589.141+/-0.139 χ^2/NDF : 414448.4/13

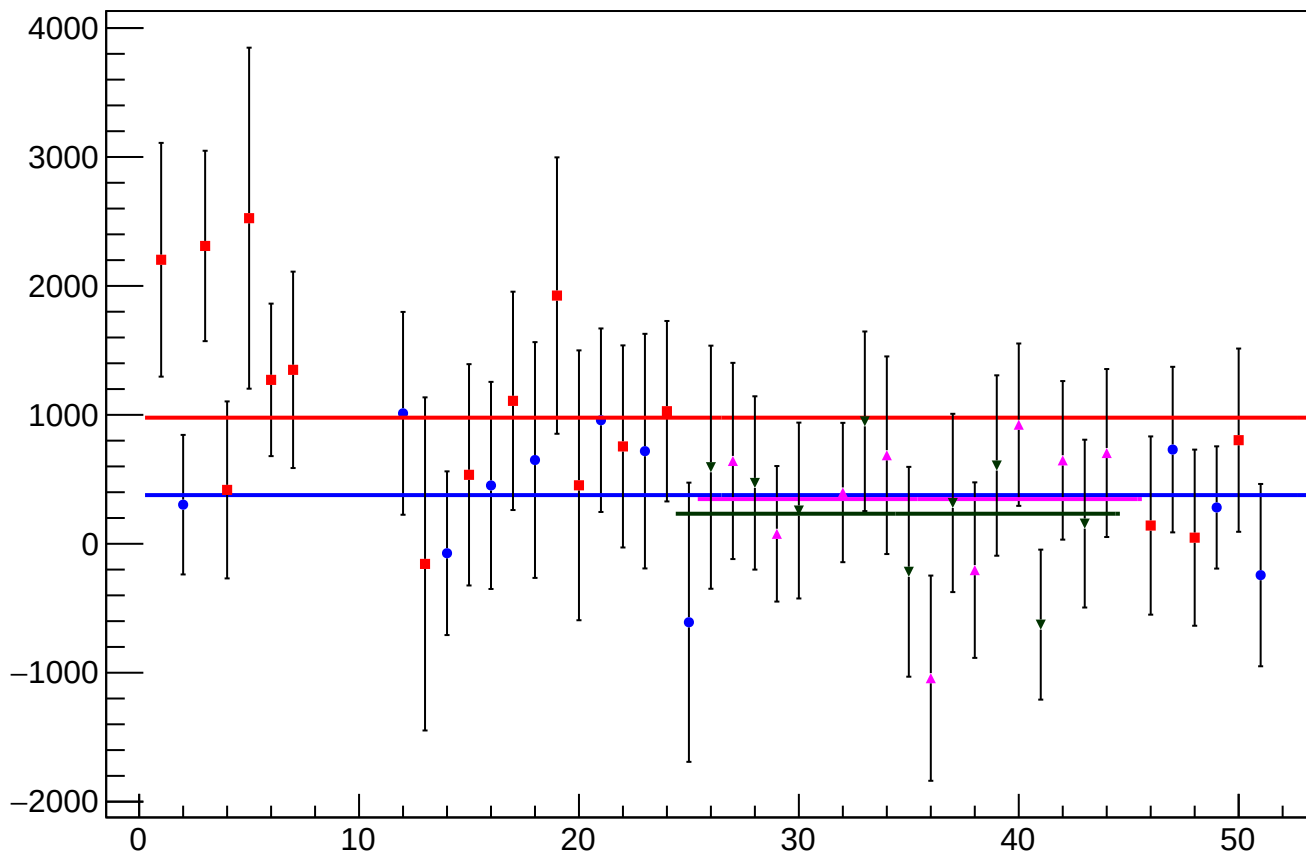
Left Out: 636.880+/-0.198 χ^2/NDF : 118921.2/9

Right Out: 576.976+/-0.144 χ^2/NDF : 476310.3/16

Left In: 579.969+/-0.174 χ^2/NDF : 73201.0/8

591.207+/-0.079 χ^2/NDF : 1150087.3/49

asym_usr_mean vs slug



Right In: 377.661 ± 207.753 $\chi^2/\text{NDF}: 4.0/10$

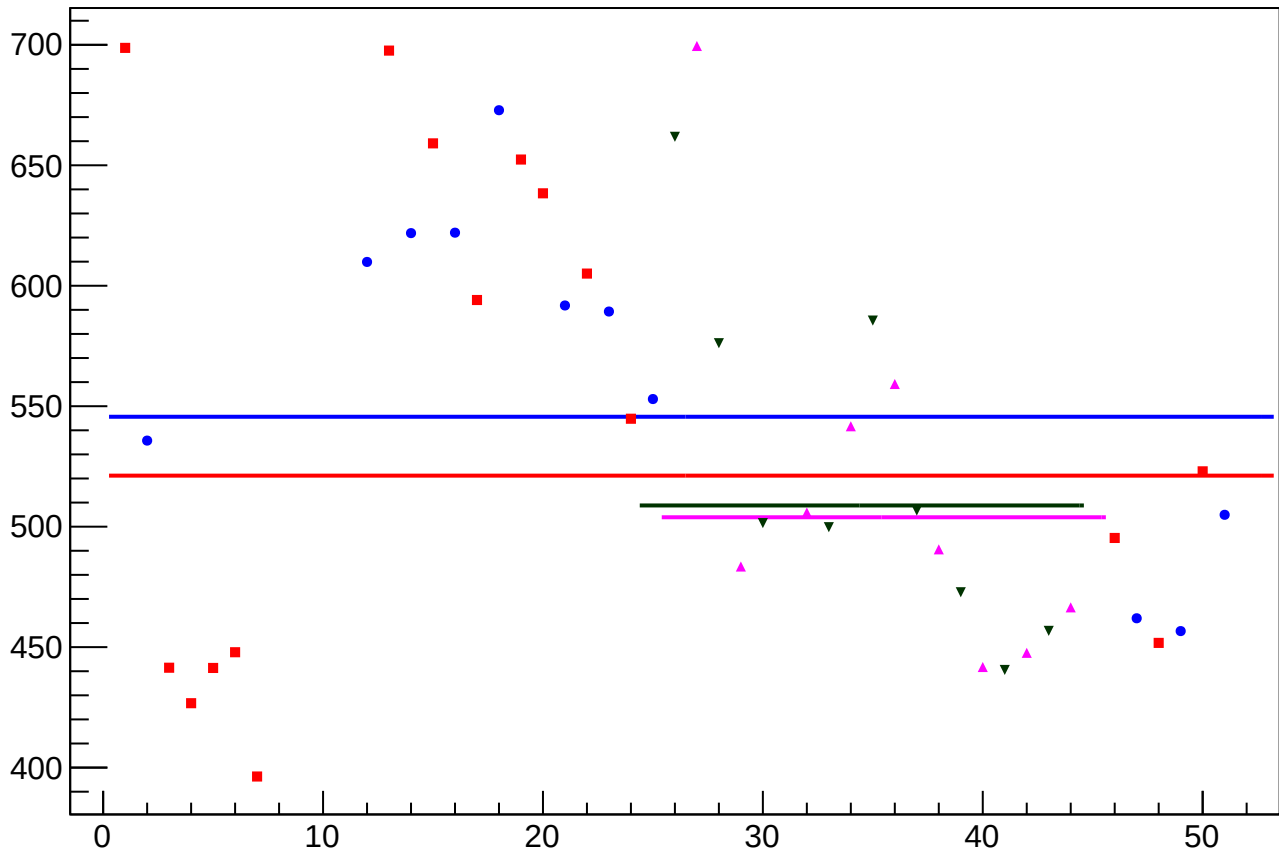
Left Out: 233.170 ± 232.417 $\chi^2/\text{NDF}: 4.1/8$

Right Out: 978.184 ± 198.610 $\chi^2/\text{NDF}: 13.2/15$

Left In: 346.725 ± 214.500 $\chi^2/\text{NDF}: 5.7/8$

511.458 ± 106.139 $\chi^2/\text{NDF}: 35.0/44$

asym_usr_rms vs slug



Right In: 545.623+/-0.147 χ^2/NDF : 223792.1/10

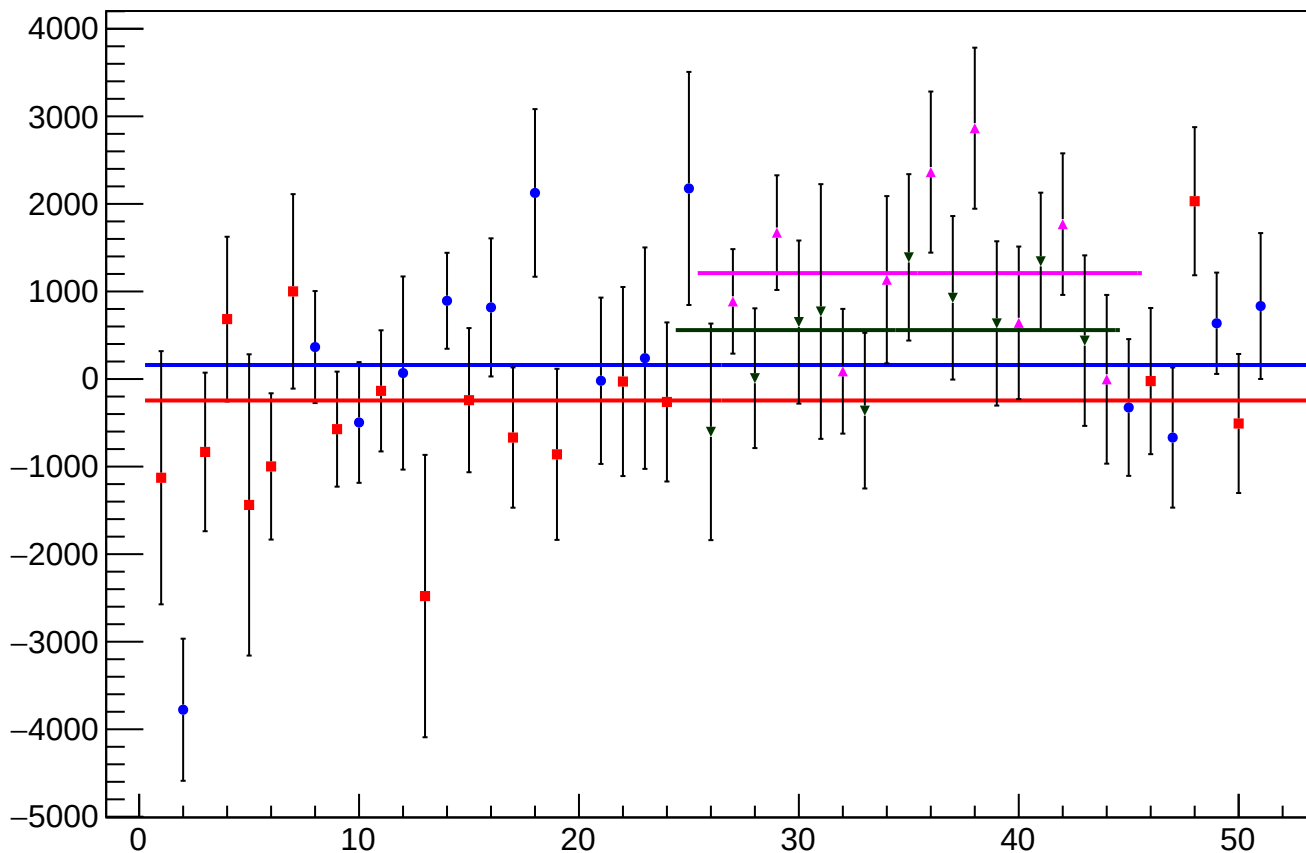
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

520.751+/-0.075 χ^2/NDF : 1037409.9/44

Right Out: 521.185+/-0.140 χ^2/NDF : 437174.5/15

Left In: 503.904+/-0.152 χ^2/NDF :193348.2/8

asym_dsl_mean vs slug



Right In: 160.256 ± 209.217 χ^2/NDF : 36.4/13

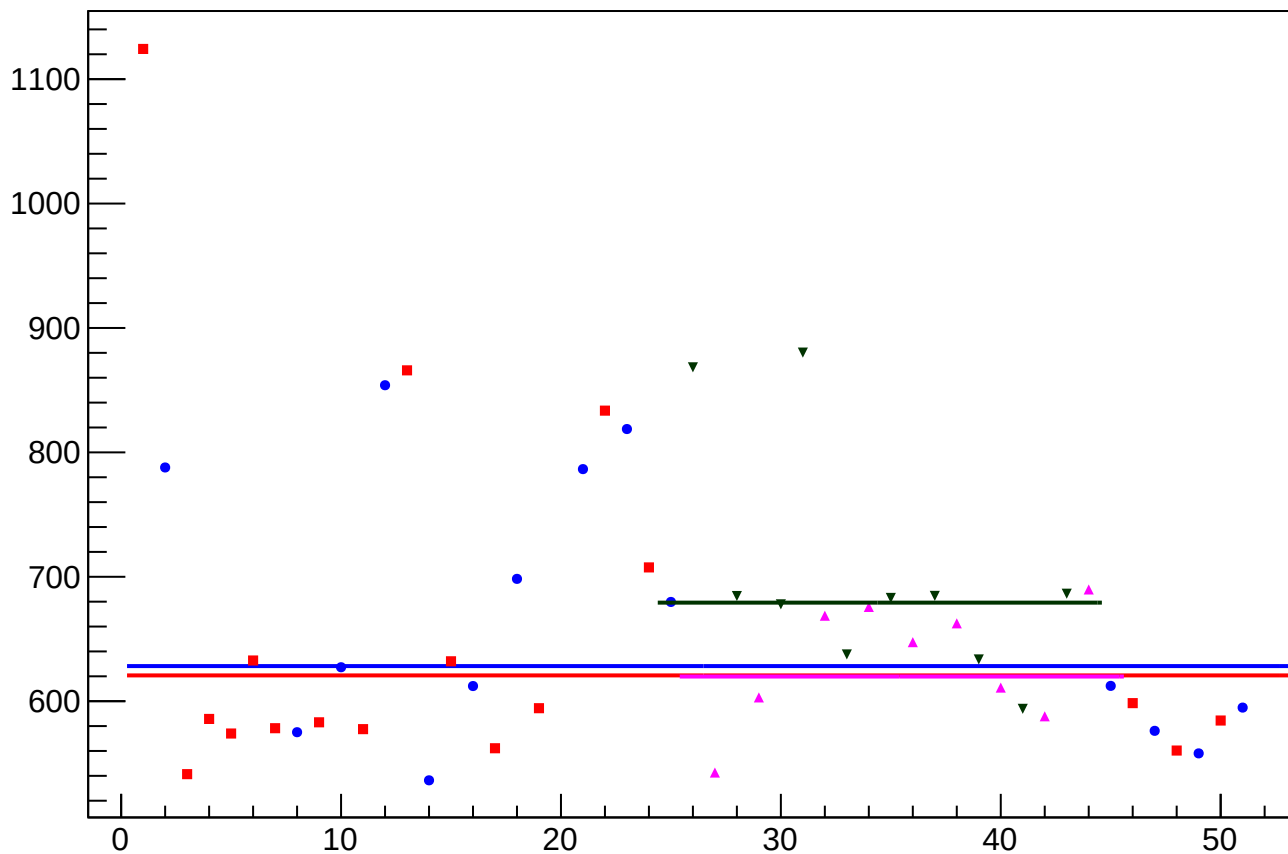
Left Out: 558.792 ± 298.984 χ^2/NDF : 4.4/9

Right Out: -244.998 ± 219.403 χ^2/NDF : 14.7/16

Left In: 1209.630 ± 262.642 χ^2/NDF : 10.6/8

322.619 ± 120.122 χ^2/NDF : 85.3/49

asym_dsl_rms vs slug



Right In: 628.223+/-0.148 χ^2/NDF : 388639.8/13

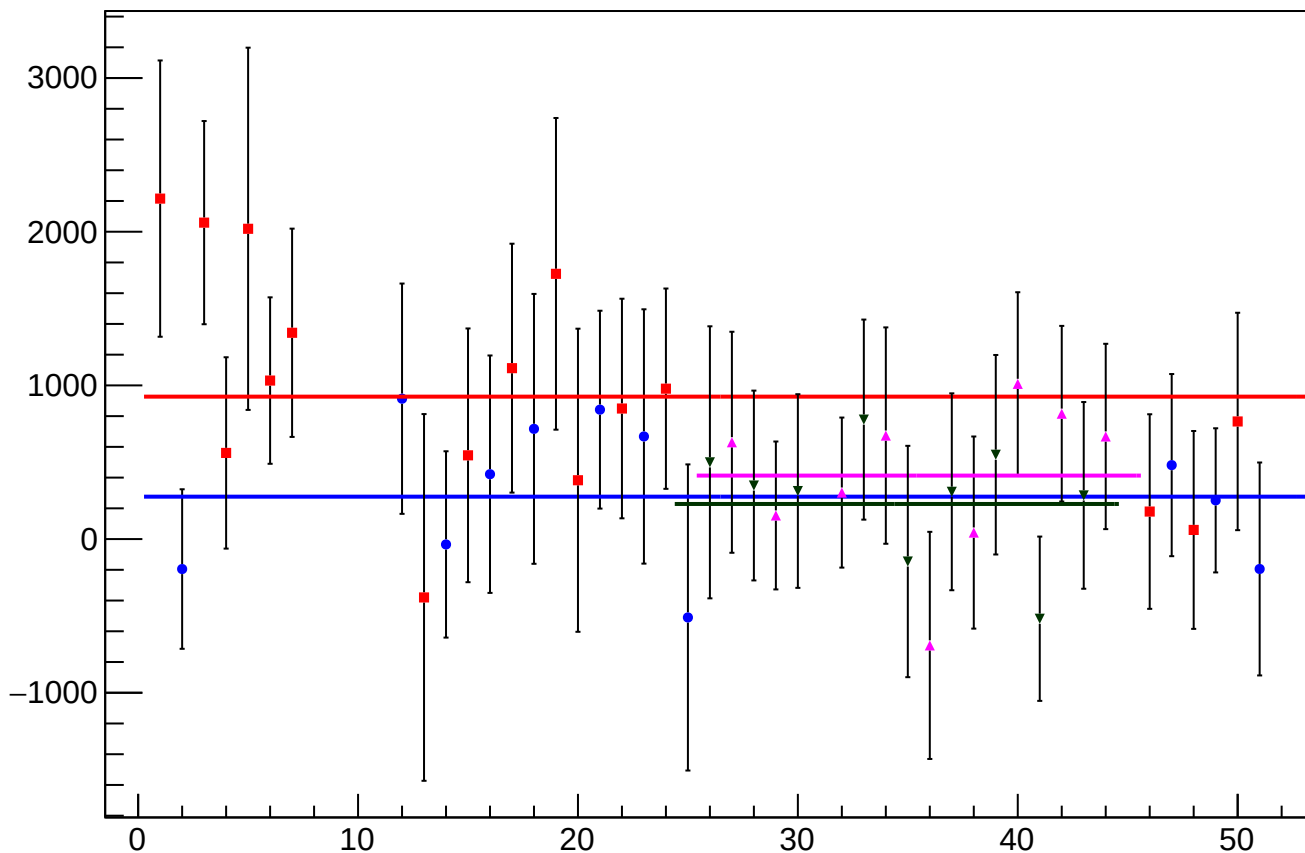
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

Right Out: 620.726+/-0.155 χ^2/NDF : 450517.1/16

Left In: 619.818+/-0.186 χ^2/NDF : 71055.6/8

632.450+/-0.085 χ^2/NDF : 1088410.6/49

asym_dsr_mean vs slug



Right In: 275.987 $\pm$ 197.859 χ^2 /NDF: 4.3/10

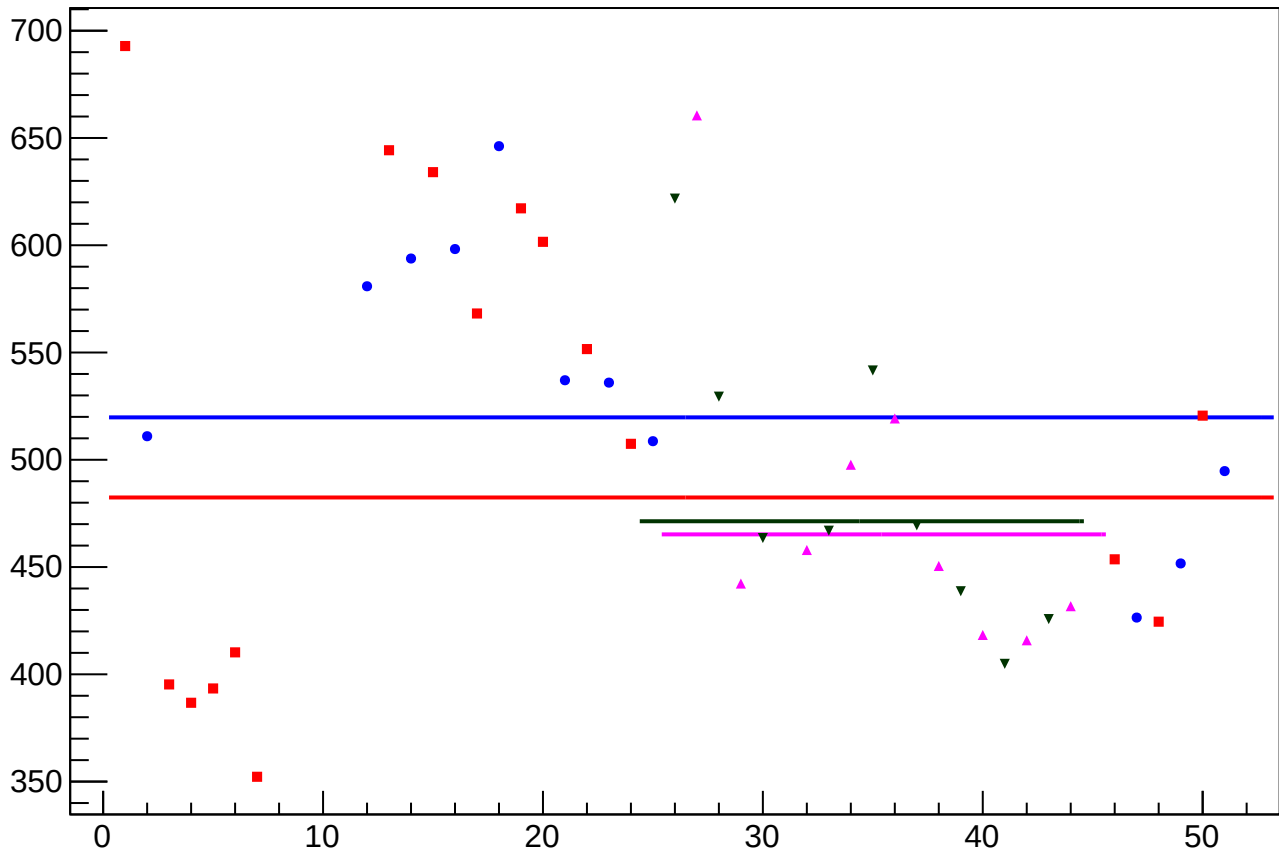
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF:3.3/8

487.502 $\pm$ 99.057 χ^2 /NDF: 33.1/44

Right Out: 926.851 $\pm$ 184.659 χ^2 /NDF: 12.3/15

Left In: 413.135 $\pm$ 198.102 χ^2 /NDF:4.8/8

asym_dsr_rms vs slug



Right In: 519.767 ± 0.140 χ^2/NDF : 202618.1/10

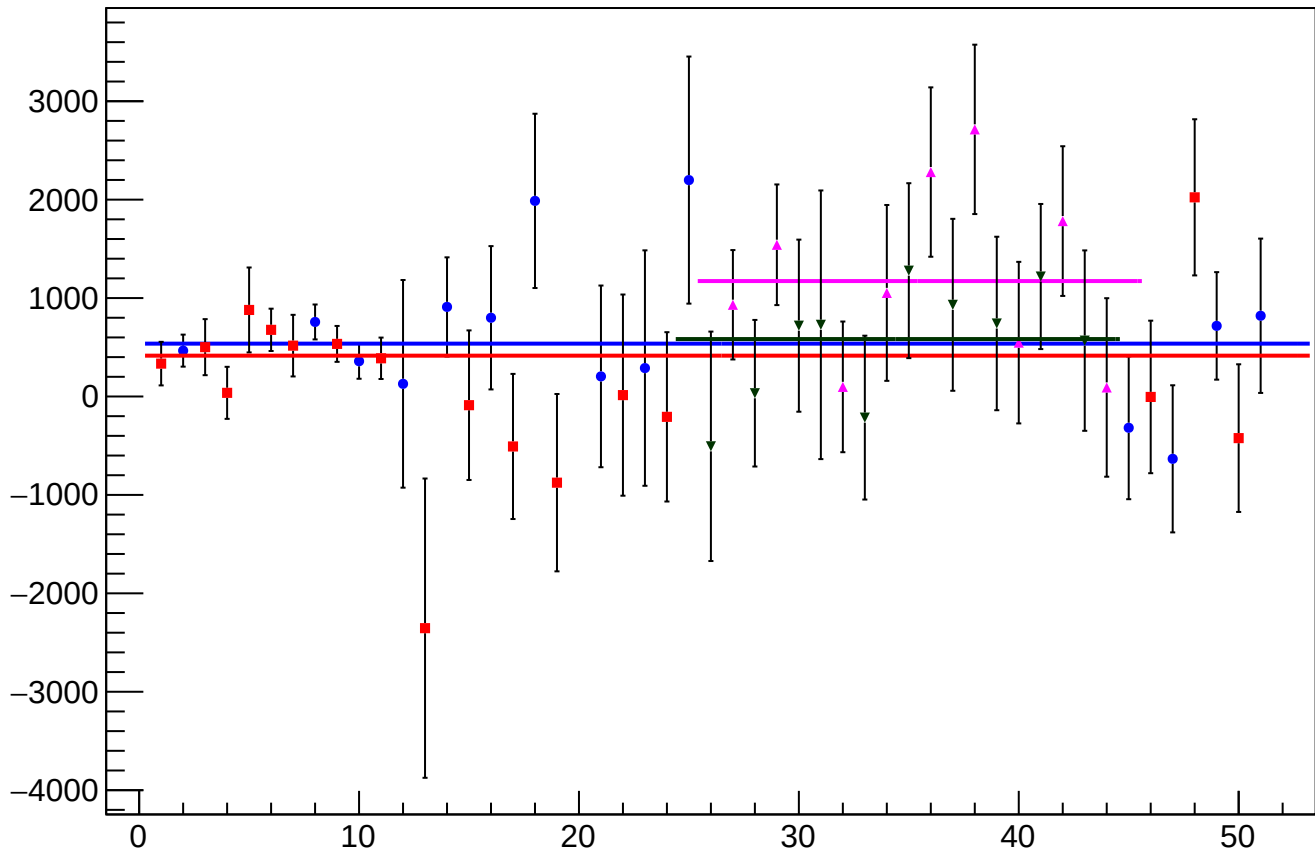
Left Out: 471.346 ± 0.152 χ^2/NDF : 140520.2/8

Right Out: 482.427 ± 0.131 χ^2/NDF : 551438.2/15

Left In: 465.224 ± 0.140 χ^2/NDF : 202021.5/8

485.141 ± 0.070 χ^2/NDF : 1186706.4/44

cor_usl_mean vs slug



Right In: 536.953 $\pm$ 91.229 χ^2 /NDF: 12.3/13

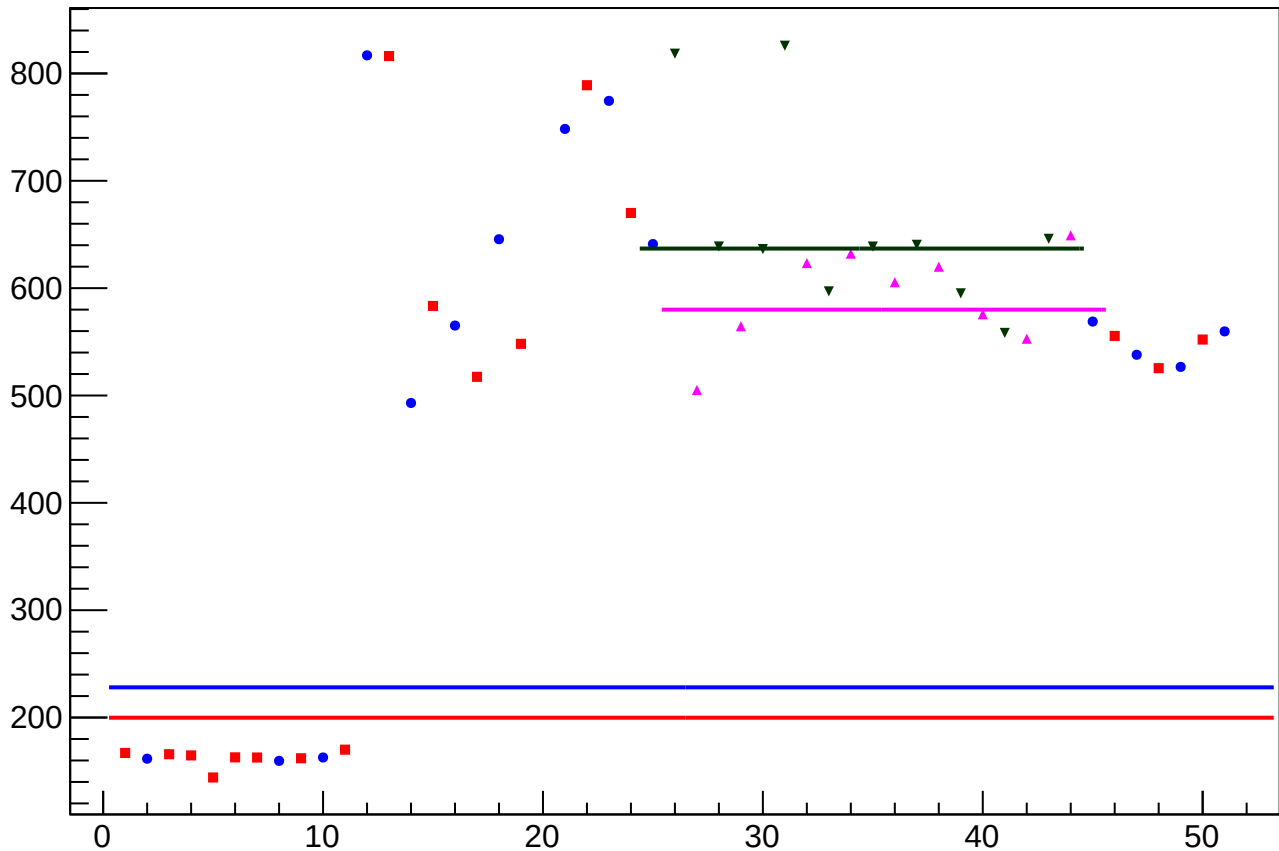
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

Right Out: 414.809 $\pm$ 81.782 χ^2 /NDF: 19.2/16

Left In: 1172.698 $\pm$ 245.790 χ^2 /NDF: 10.7/8

513.045 $\pm$ 57.837 χ^2 /NDF: 54.8/49

cor_usl_rms vs slug



Right In: 228.115+/-0.065 χ^2/NDF : 5958704.5/13

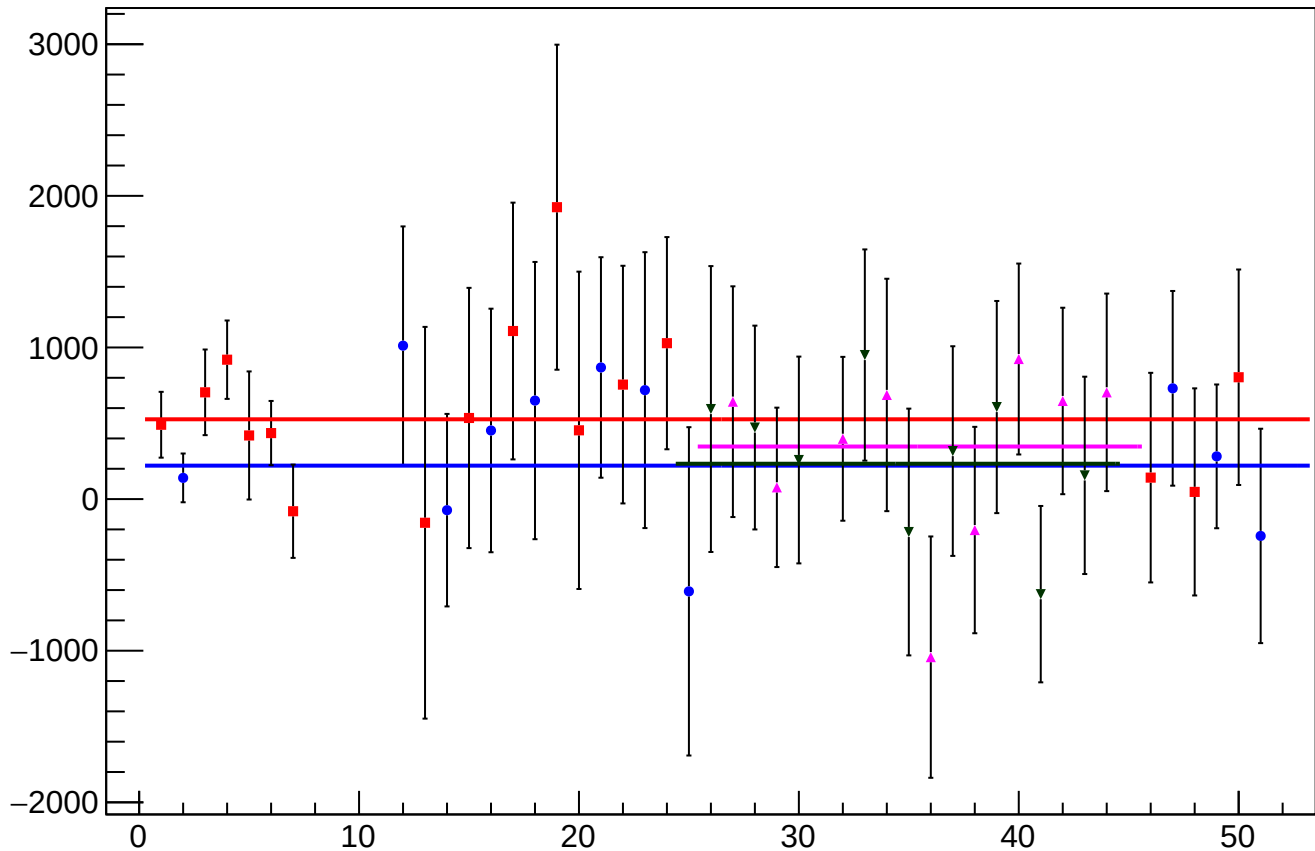
Left Out: 636.880+/-0.198 χ^2/NDF : 118921.2/9

250.859+/-0.041 χ^2/NDF : 18755134.6/49

Right Out: 199.851+/-0.058 χ^2/NDF : 4324254.9/16

Left In: 579.969+/-0.174 χ^2/NDF : 73201.0/8

cor_usr_mean vs slug



Right In: 220.604 $\pm$ 130.910 χ^2 /NDF: 4.5/10

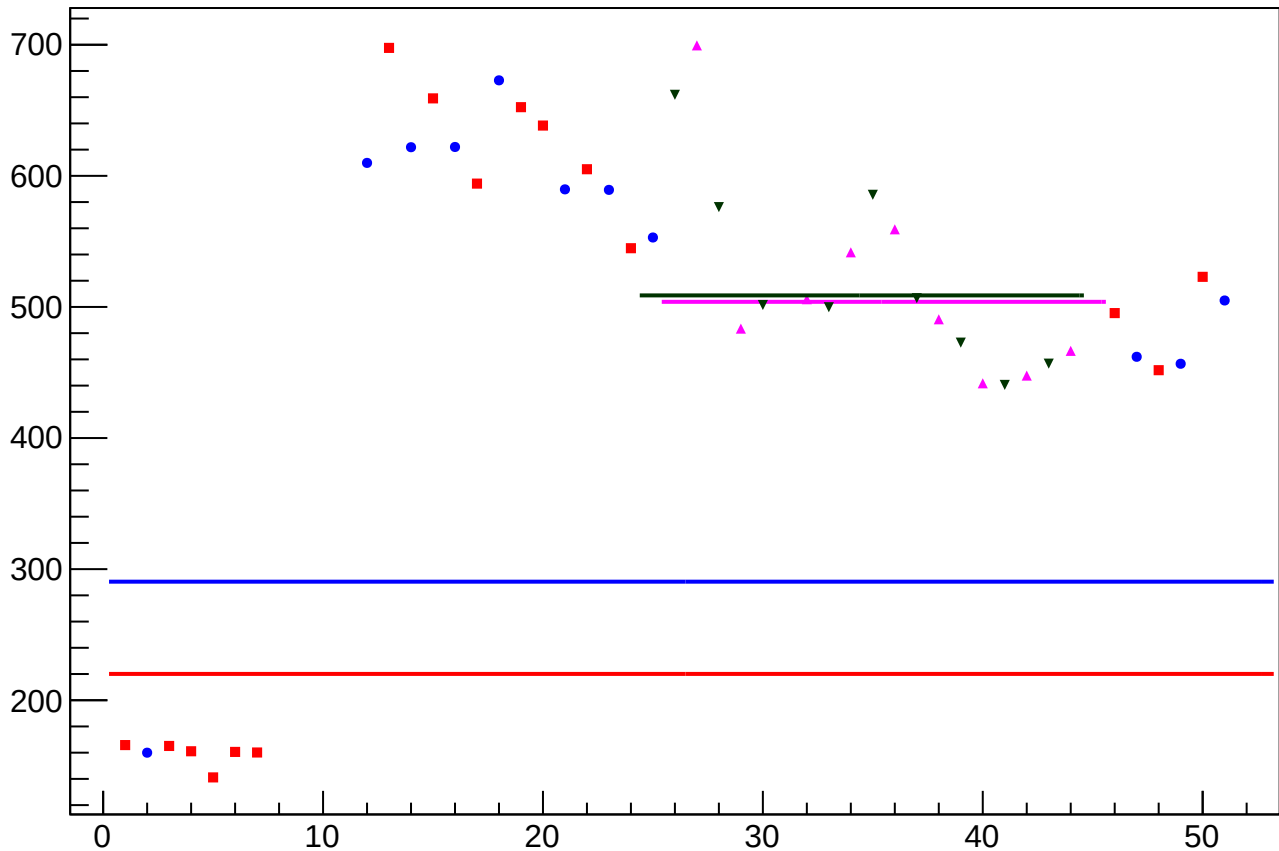
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF: 4.1/8

390.986 $\pm$ 70.572 χ^2 /NDF: 29.3/44

Right Out: 526.284 $\pm$ 98.924 χ^2 /NDF: 10.9/15

Left In: 346.725 $\pm$ 214.500 χ^2 /NDF: 5.7/8

cor_usr_rms vs slug



Right In: 290.441 $\pm$ 0.093 χ^2 /NDF: 4126906.9/10

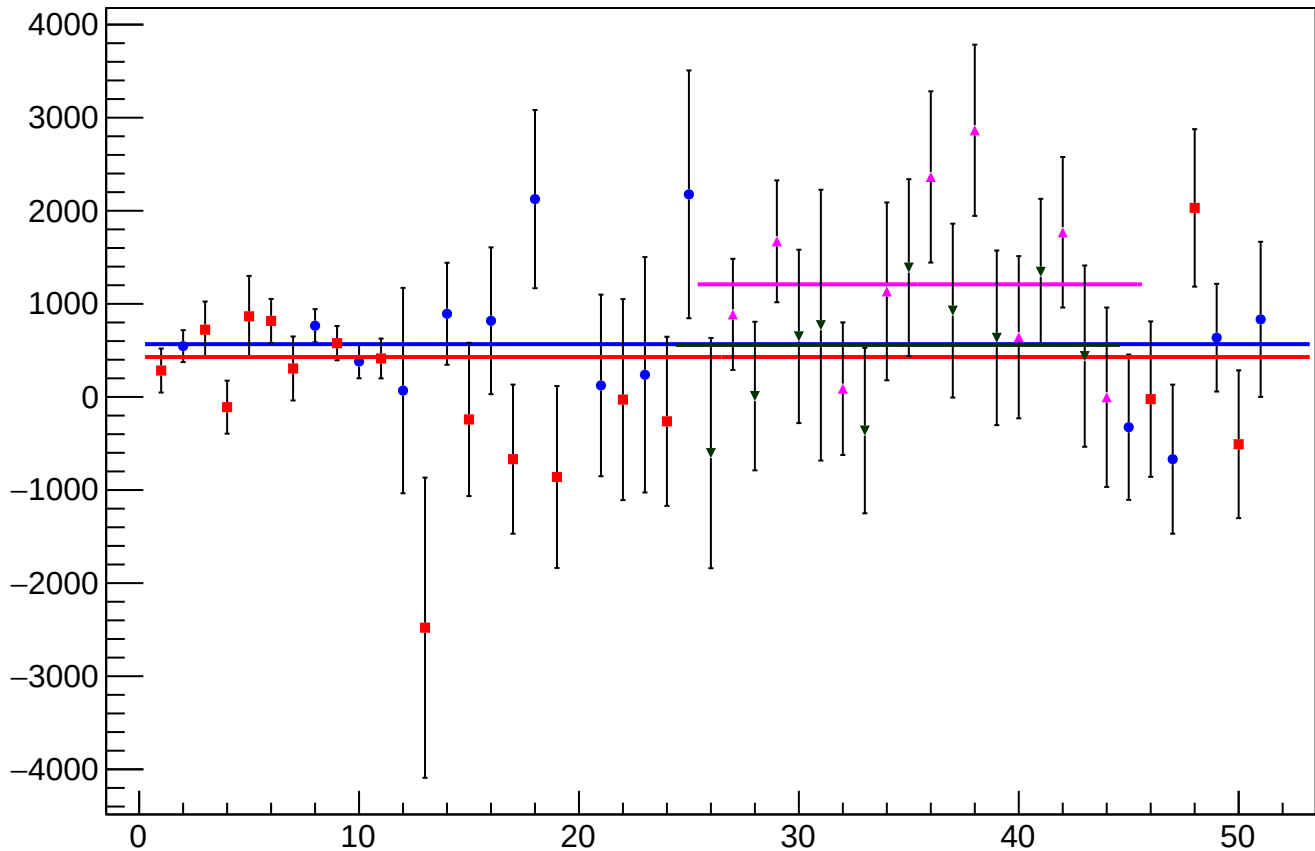
Left Out: 508.808 $\pm$ 0.164 χ^2 /NDF:136801.2/8

297.868 $\pm$ 0.050 χ^2 /NDF: 13457081.5/44

Right Out: 220.074 $\pm$ 0.070 χ^2 /NDF: 4264009.5/15

Left In: 503.904 $\pm$ 0.152 χ^2 /NDF:193348.2/8

cor_dsl_mean vs slug



Right In: 567.134 $\pm$ 94.109 χ^2 /NDF: 11.2/13

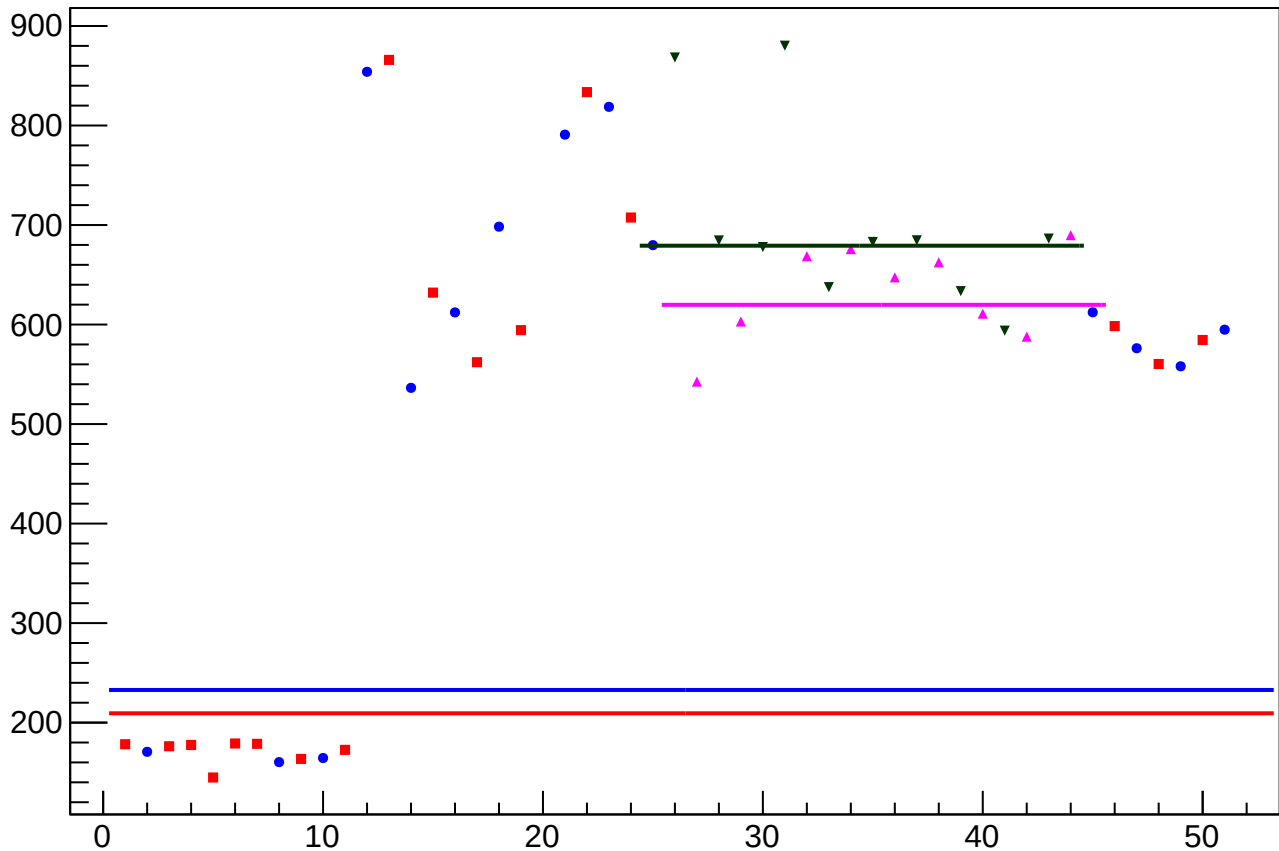
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

532.432 $\pm$ 60.435 χ^2 /NDF: 57.4/49

Right Out: 428.656 $\pm$ 86.003 χ^2 /NDF: 23.0/16

Left In: 1209.630 $\pm$ 262.642 χ^2 /NDF: 10.6/8

cor_dsl_rms vs slug



Right In: 232.815 $\pm$ 0.067 χ^2 /NDF: 6224456.5/13

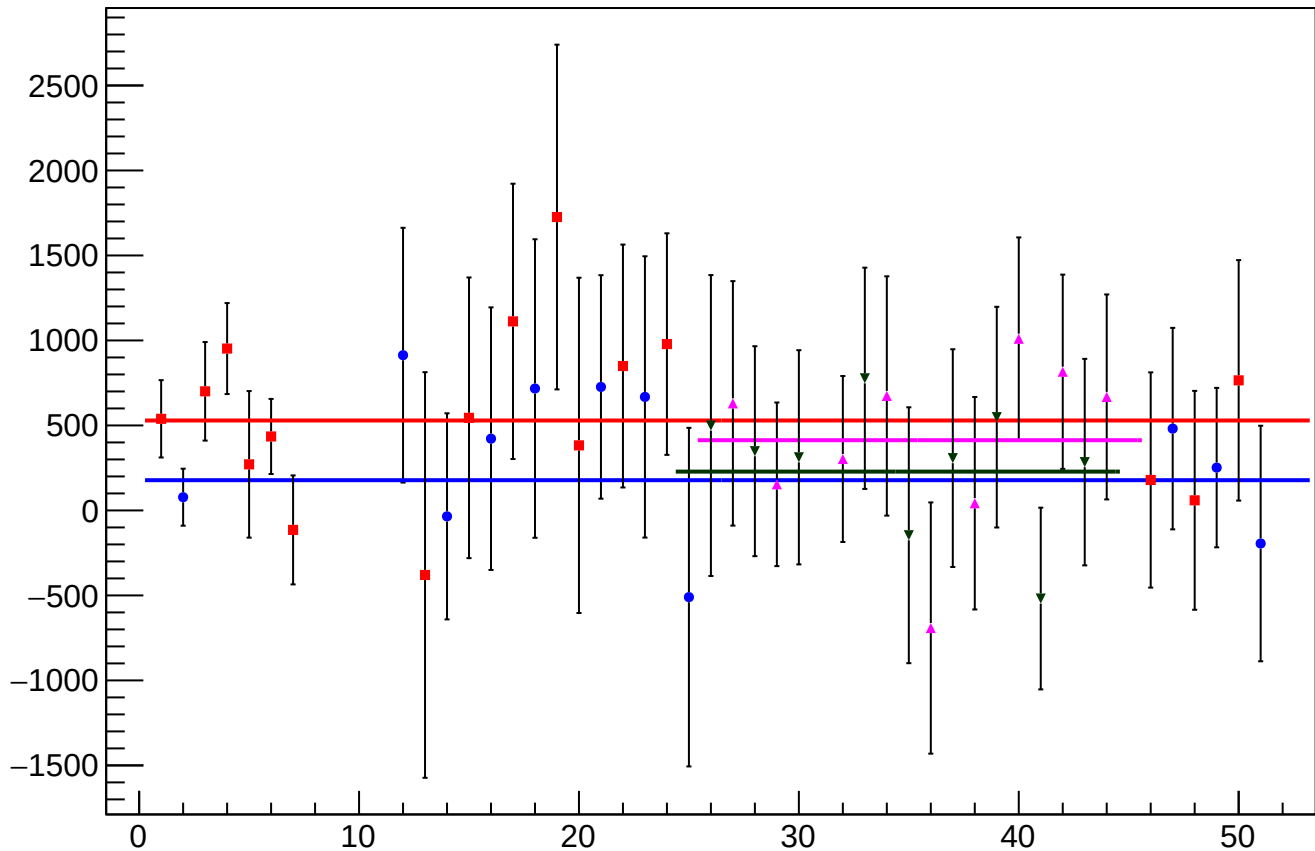
Left Out: 679.225 $\pm$ 0.211 χ^2 /NDF: 118094.6/9

259.964 $\pm$ 0.043 χ^2 /NDF: 19372190.4/49

Right Out: 209.361 $\pm$ 0.061 χ^2 /NDF: 4412418.4/16

Left In: 619.818 $\pm$ 0.186 χ^2 /NDF: 71055.6/8

cor_dsr_mean vs slug



Right In: 177.854+/-132.097 χ^2/NDF : 4.0/10

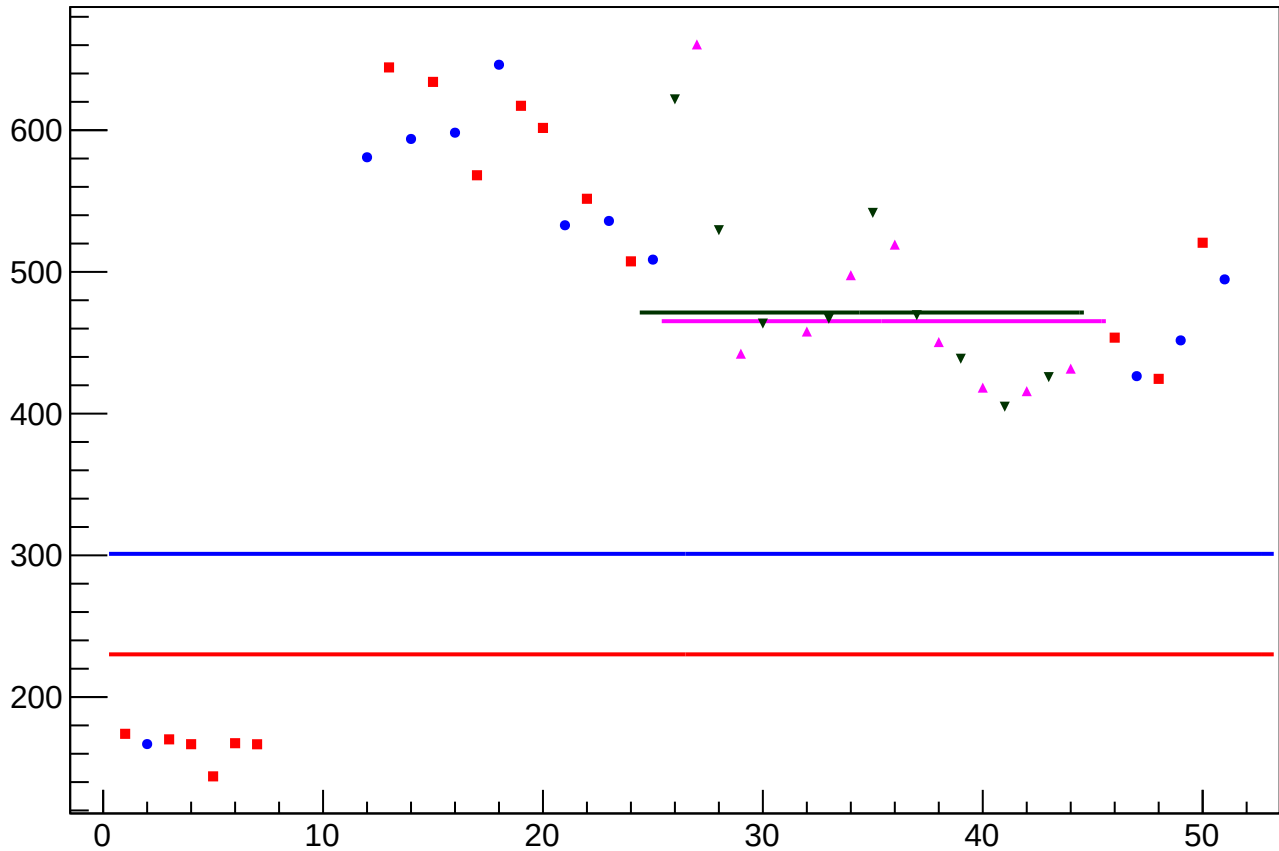
Left Out: 228.398+/-215.357 χ^2/NDF : 3.3/8

382.766+/-70.353 χ^2/NDF : 28.8/44

Right Out: 529.122+/-101.175 χ^2/NDF : 11.6/15

Left In: 413.135+/-198.102 χ^2/NDF : 4.8/8

cor_dsr_rms vs slug



Right In: 301.055+/-0.093 χ^2/NDF : 3581108.5/10

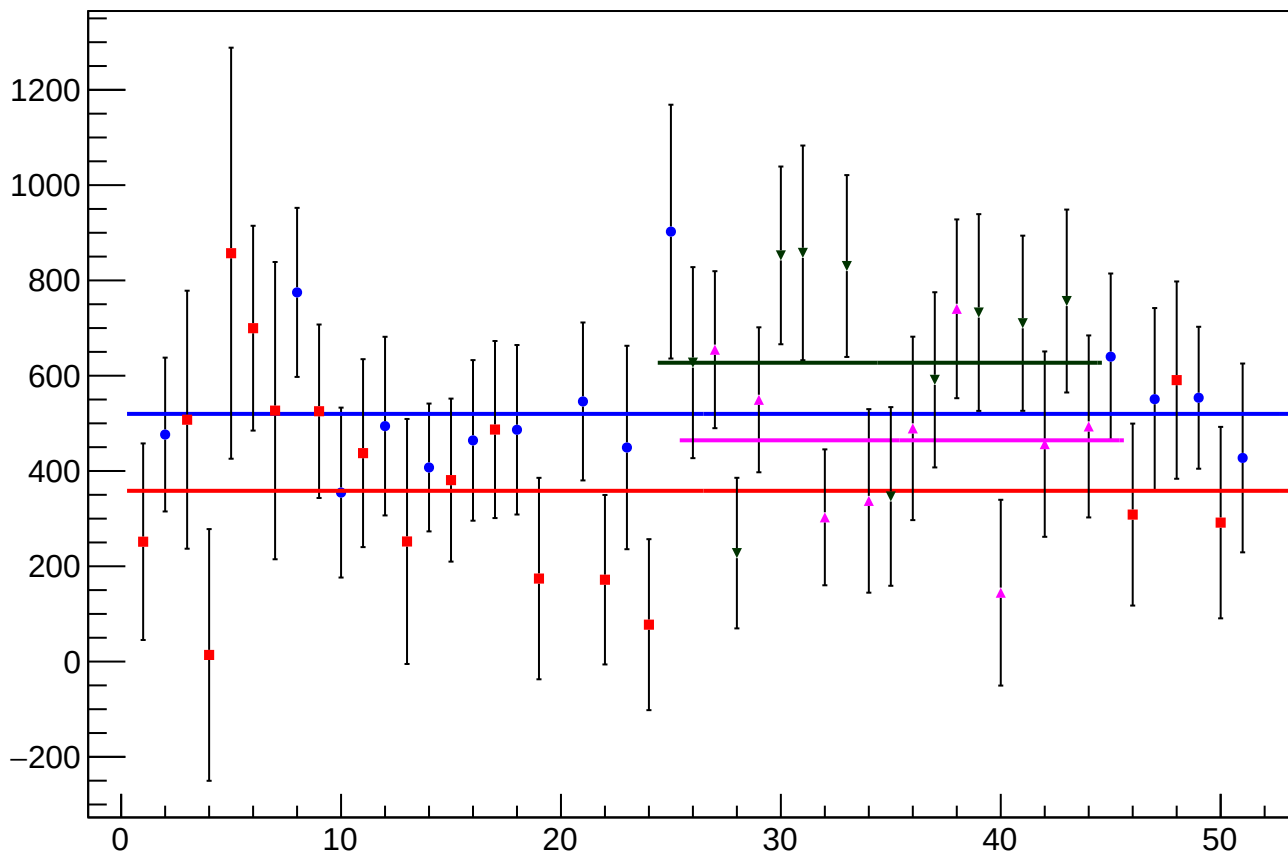
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

Right Out: 230.136+/-0.072 χ^2/NDF : 3817436.1/15

Left In: 465.224+/-0.140 χ^2/NDF : 202021.5/8

305.642+/-0.050 χ^2/NDF : 11339307.4/44

reg_asym_usl_mean vs slug



Right In: 519.863 ± 46.854 χ^2/NDF : 6.8/13

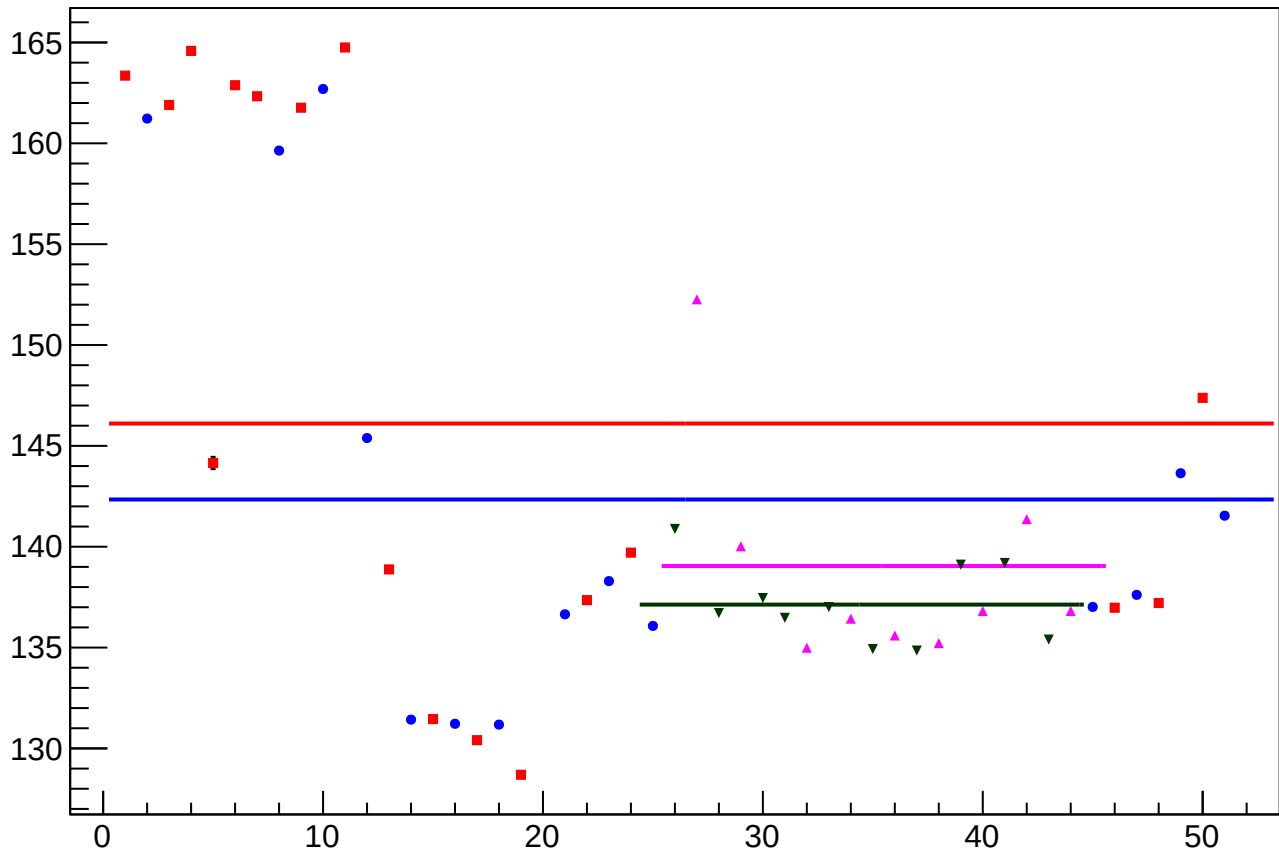
Left Out: 627.204 ± 59.866 χ^2/NDF : 13.2/9

Right Out: 358.385 ± 51.067 χ^2/NDF : 13.8/16

Left In: 464.385 ± 58.554 χ^2/NDF : 8.3/8

485.705 ± 26.634 χ^2/NDF : 54.6/49

reg_asym_usl_rms vs slug



Right In: 142.342 ± 0.033 χ^2/NDF : 110239.4/13

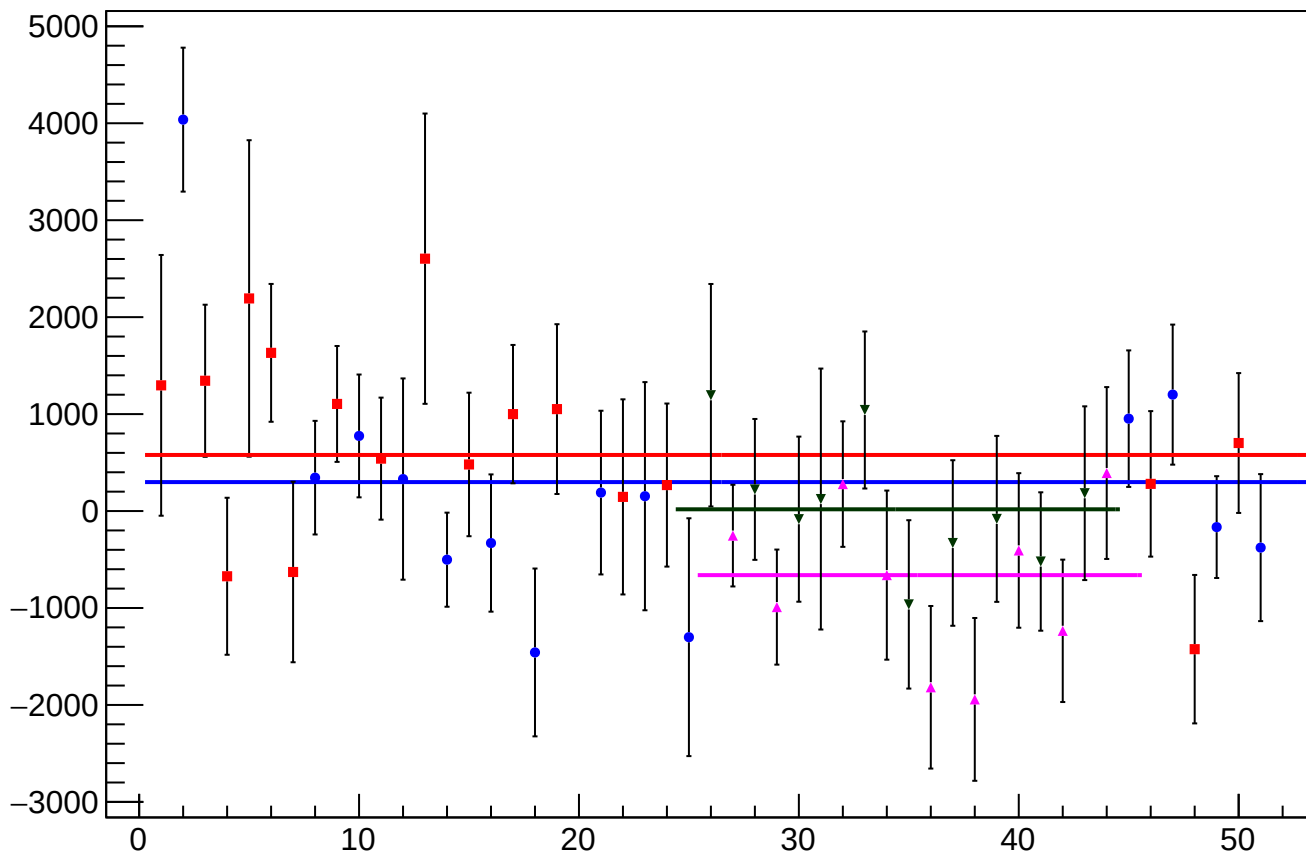
Left Out: 137.131 ± 0.042 χ^2/NDF : 1921.5/9

Right Out: 146.109 ± 0.036 χ^2/NDF : 140711.7/16

Left In: 139.044 ± 0.041 χ^2/NDF : 17233.5/8

141.653 ± 0.019 χ^2/NDF : 301148.1/49

asym_usl_correction_mean vs slug



Right In: 298.709 $\pm$ 189.610 χ^2 /NDF: 39.3/13

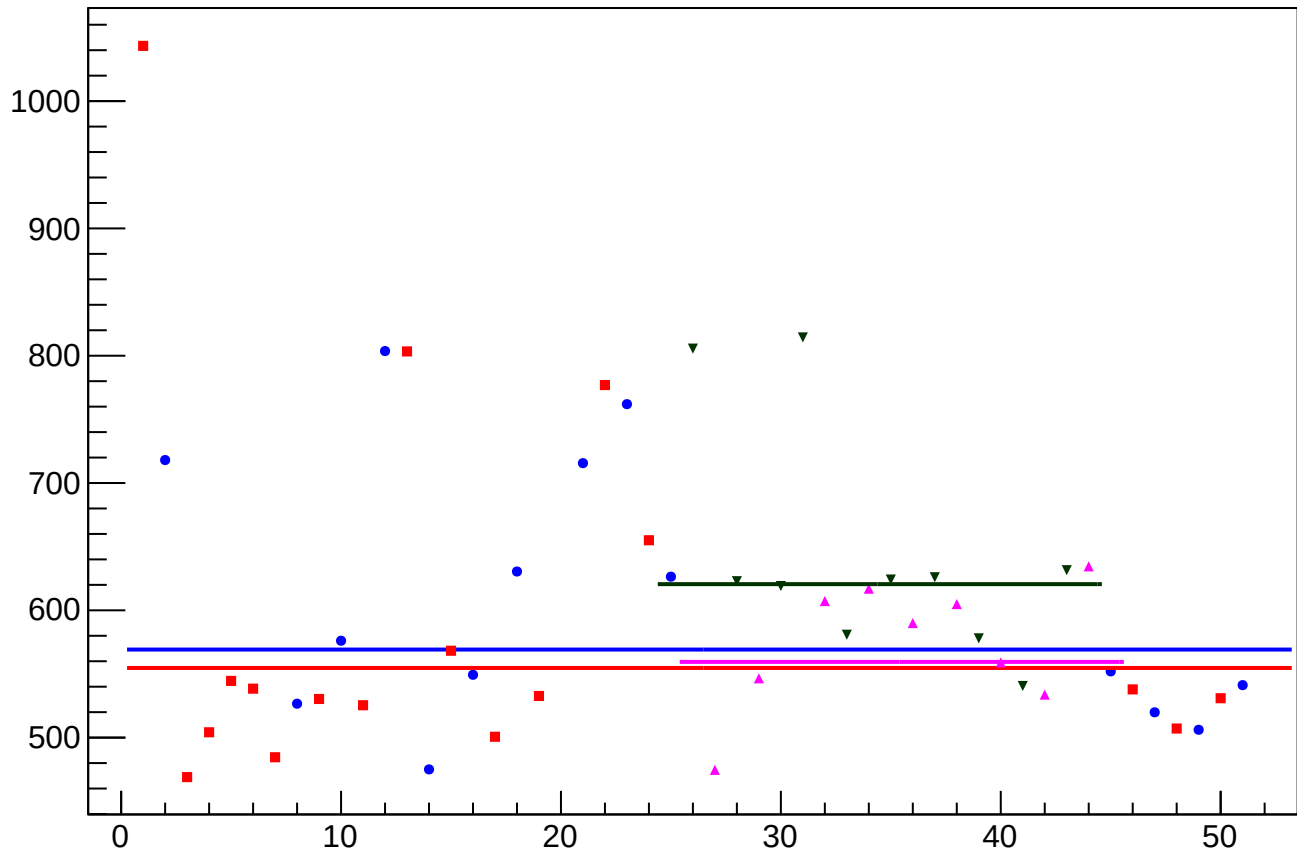
Left Out: 17.986 $\pm$ 273.379 χ^2 /NDF: 4.8/9

139.278 $\pm$ 108.596 χ^2 /NDF: 89.8/49

Right Out: 578.553 $\pm$ 196.568 χ^2 /NDF: 19.1/16

Left In: -660.987 $\pm$ 237.561 χ^2 /NDF: 9.4/8

asym_usl_correction_rms vs slug



Right In: 569.180+/-0.134 χ^2/NDF : 440378.8/13

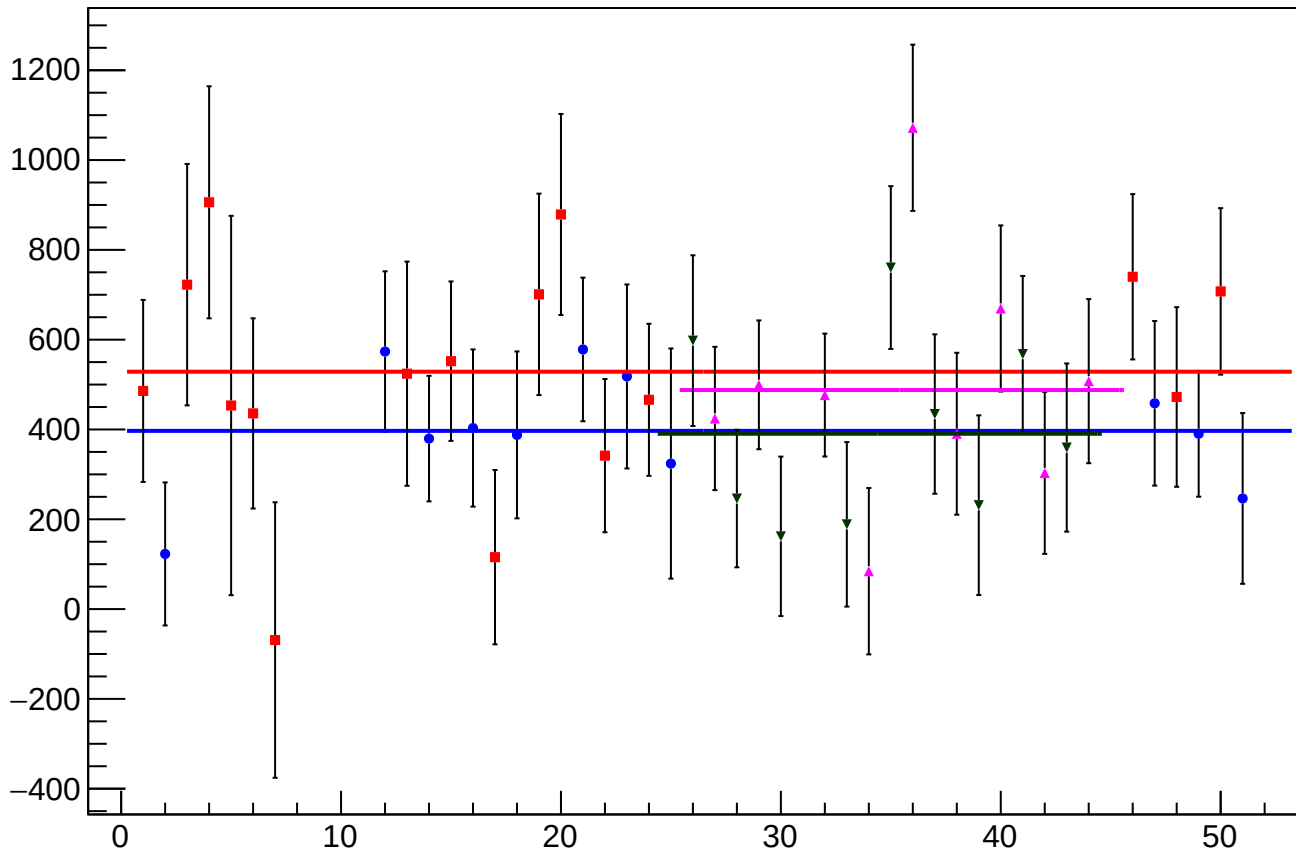
Left Out: 620.564+/-0.193 χ^2/NDF :128801.5/9

570.847+/-0.077 χ^2/NDF : 1273033.1/49

Right Out: 554.721+/-0.139 χ^2/NDF : 521381.3/16

Left In: 559.476+/-0.168 χ^2/NDF :98128.8/8

reg_asym_usr_mean vs slug



Right In: 396.891 ± 51.984 χ^2/NDF : 6.4/10

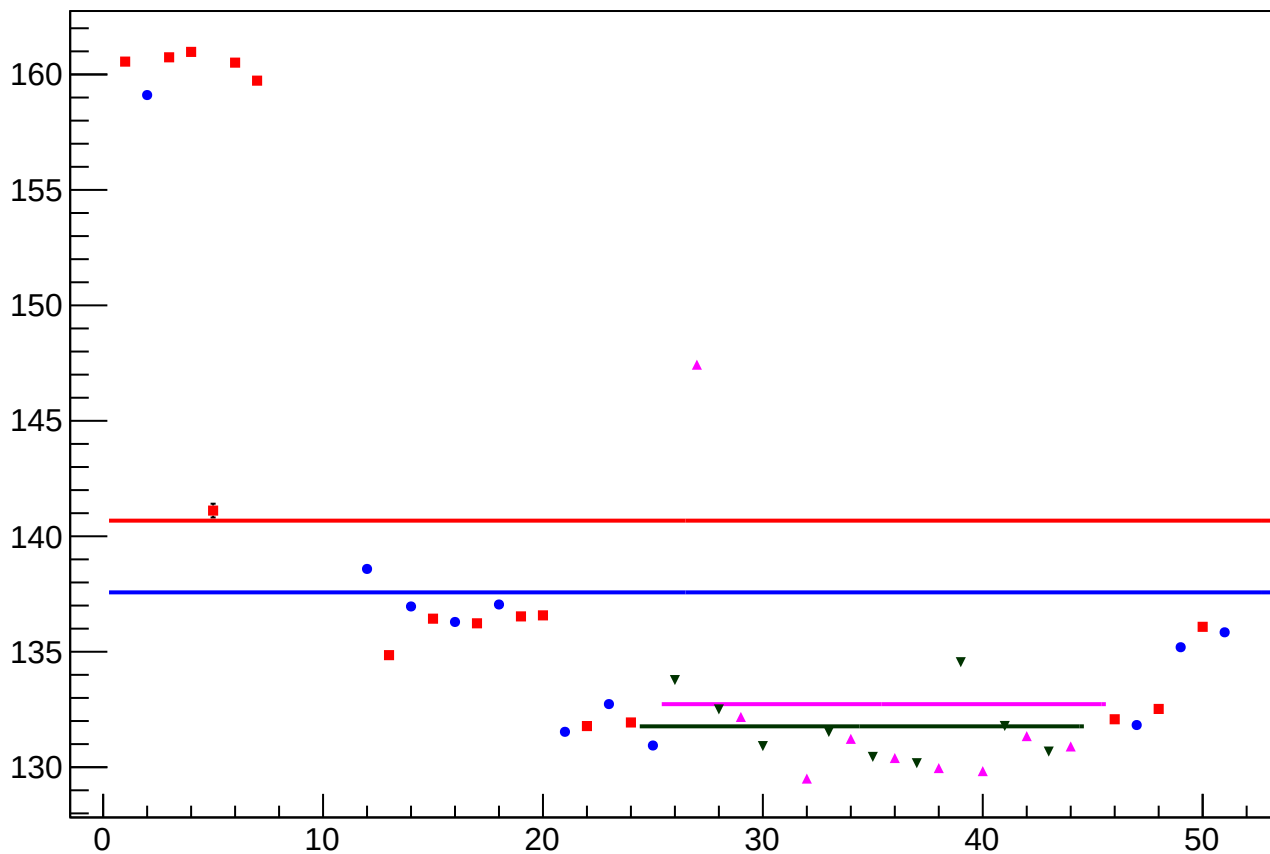
Left Out: 390.446 ± 59.706 χ^2/NDF : 10.9/8

452.991 ± 27.426 χ^2/NDF : 57.1/44

Right Out: 528.681 ± 52.804 χ^2/NDF : 18.0/15

Left In: 487.835 ± 55.879 χ^2/NDF : 17.2/8

reg_asym_usr_rms vs slug



Right In: 137.571+/-0.037 χ^2/NDF : 44800.4/10

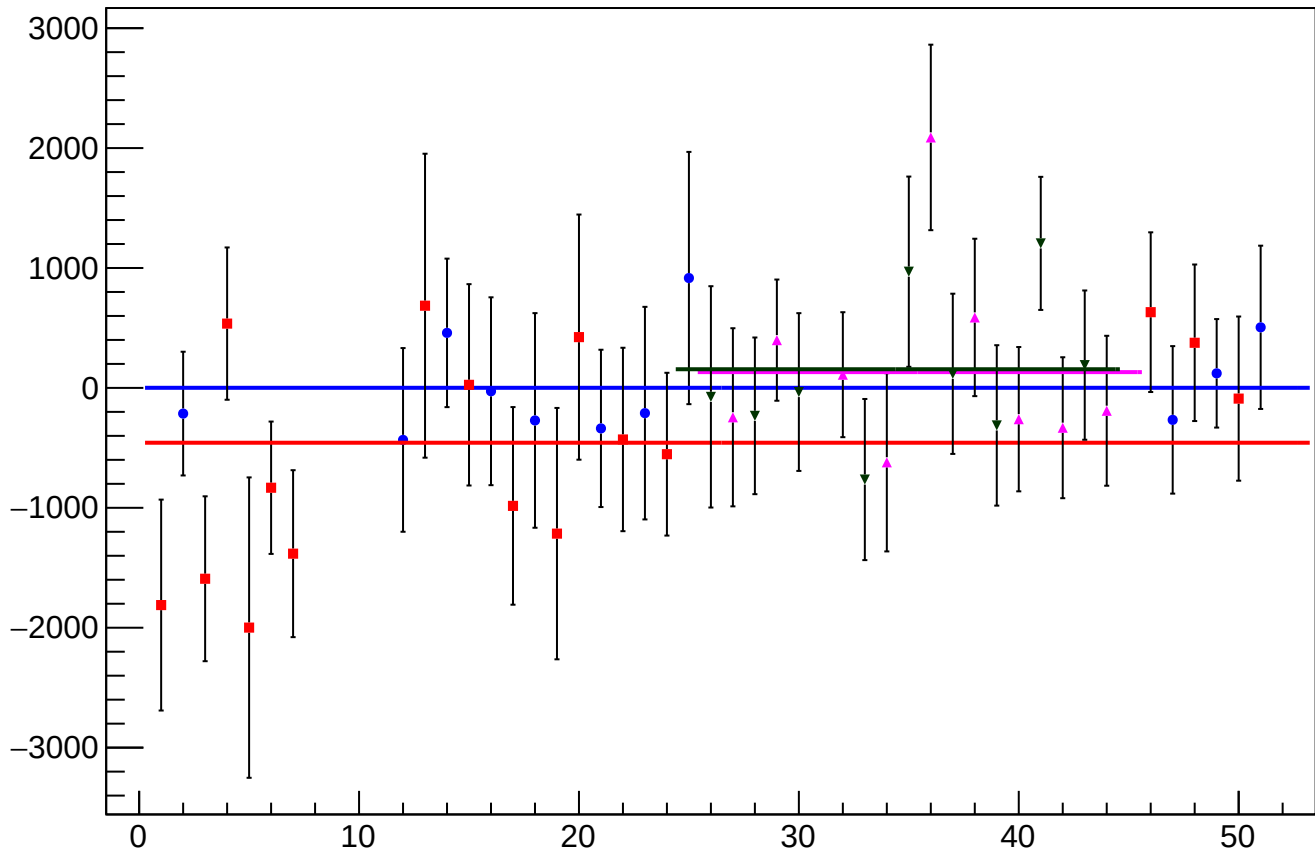
Left Out: 131.770+/-0.042 χ^2/NDF :1040.2/8

Right Out: 140.677+/-0.037 χ^2/NDF : 92295.2/15

Left In: 132.730+/-0.040 χ^2/NDF :19860.2/8

136.019+/-0.019 χ^2/NDF : 192404.4/44

asym_usr_correction_mean vs slug



Right In: 0.882 ± 199.466 $\chi^2/\text{NDF}: 3.0/10$

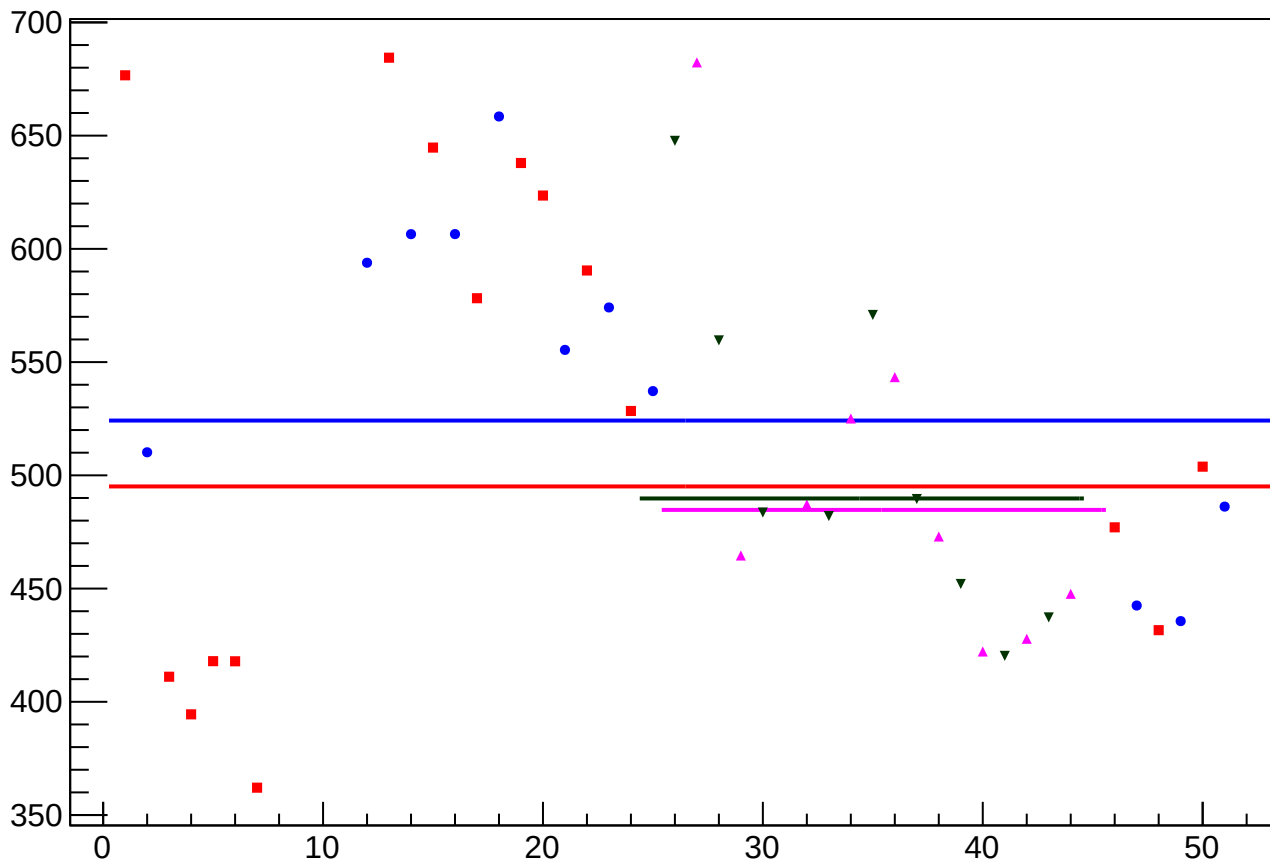
Left Out: 155.597 ± 223.964 $\chi^2/\text{NDF}: 7.5/8$

-67.825 ± 101.867 $\chi^2/\text{NDF}: 45.3/44$

Right Out: -457.279 ± 189.425 $\chi^2/\text{NDF}: 18.7/15$

Left In: 131.610 ± 206.595 $\chi^2/\text{NDF}: 9.8/8$

asym_usr_correction_rms vs slug



Right In: 524.192 $\pm$ 0.141 χ^2 /NDF: 249769.5/10

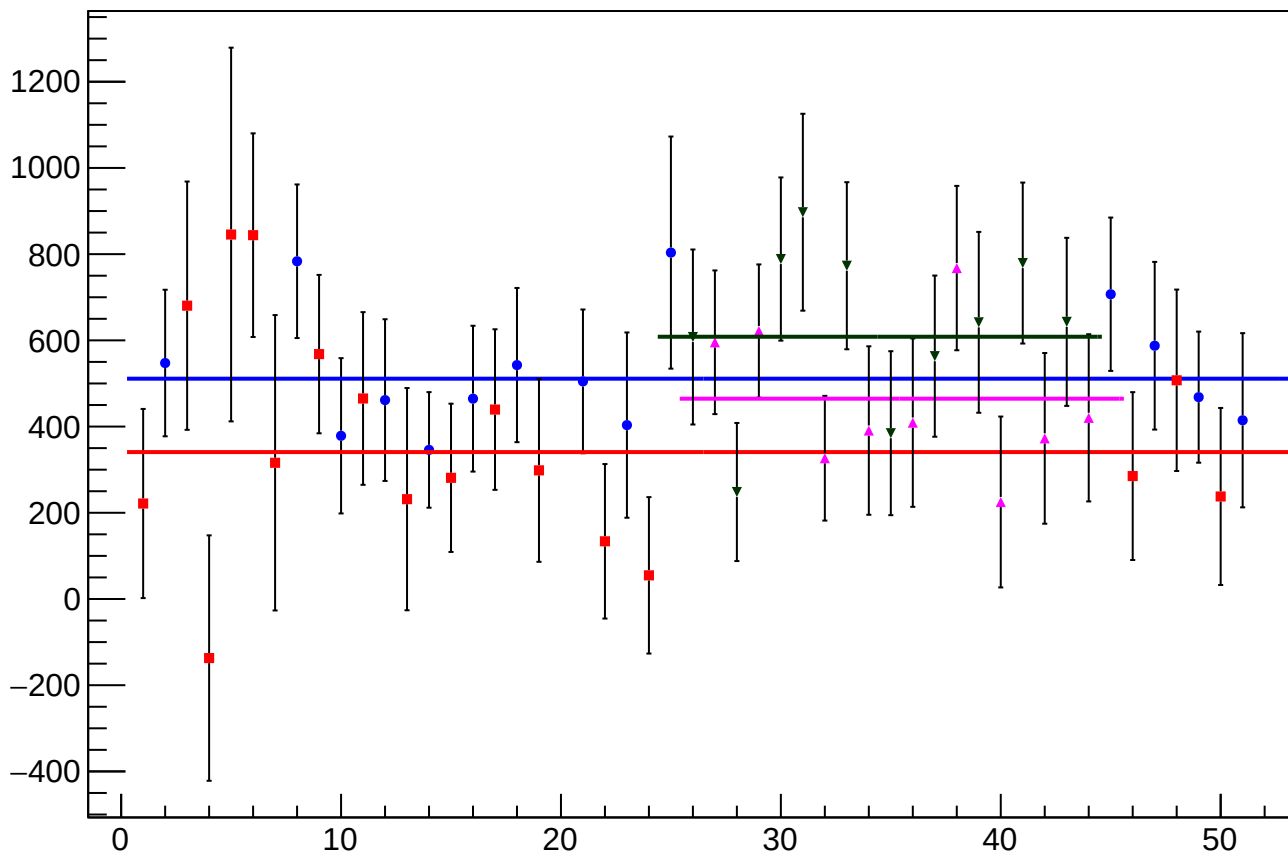
Left Out: 489.788 $\pm$ 0.158 χ^2 /NDF: 154690.5/8

Right Out: 495.099 $\pm$ 0.134 χ^2 /NDF: 538865.5/15

Left In: 484.734 $\pm$ 0.146 χ^2 /NDF: 210156.0/8

499.068 $\pm$ 0.072 χ^2 /NDF: 1199150.5/44

reg_asym_dsl_mean vs slug



Right In: 511.082 $\pm$ 47.439 χ^2/NDF : 7.7/13

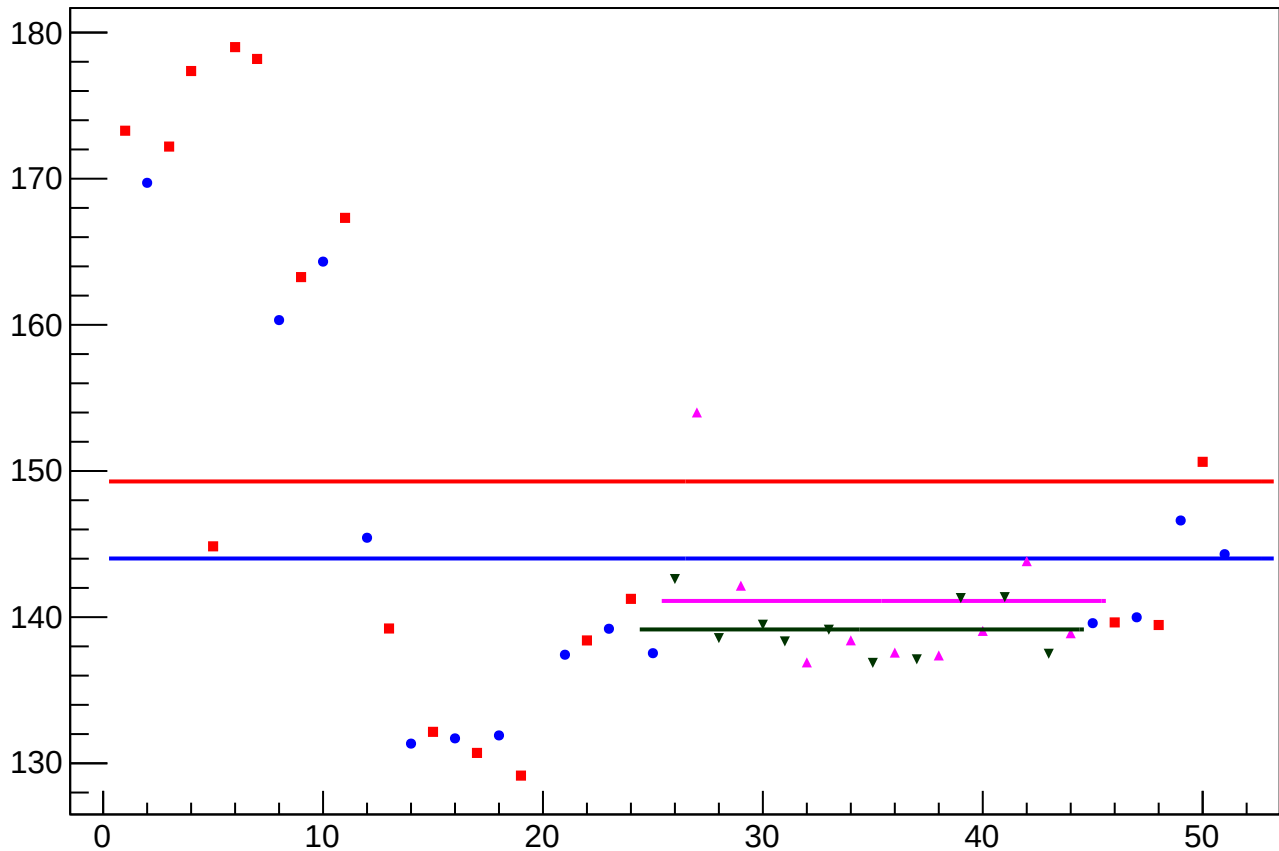
Left Out: 608.408 $\pm$ 60.755 χ^2/NDF : 10.6/9

Right Out: 340.837 $\pm$ 52.304 χ^2/NDF : 17.7/16

Left In: 464.679 $\pm$ 59.428 χ^2/NDF : 7.0/8

475.156 $\pm$ 27.077 χ^2/NDF : 55.1/49

reg_asym_dsl_rms vs slug



Right In: 144.014 $\pm$ 0.034 χ^2 /NDF: 133590.9/13

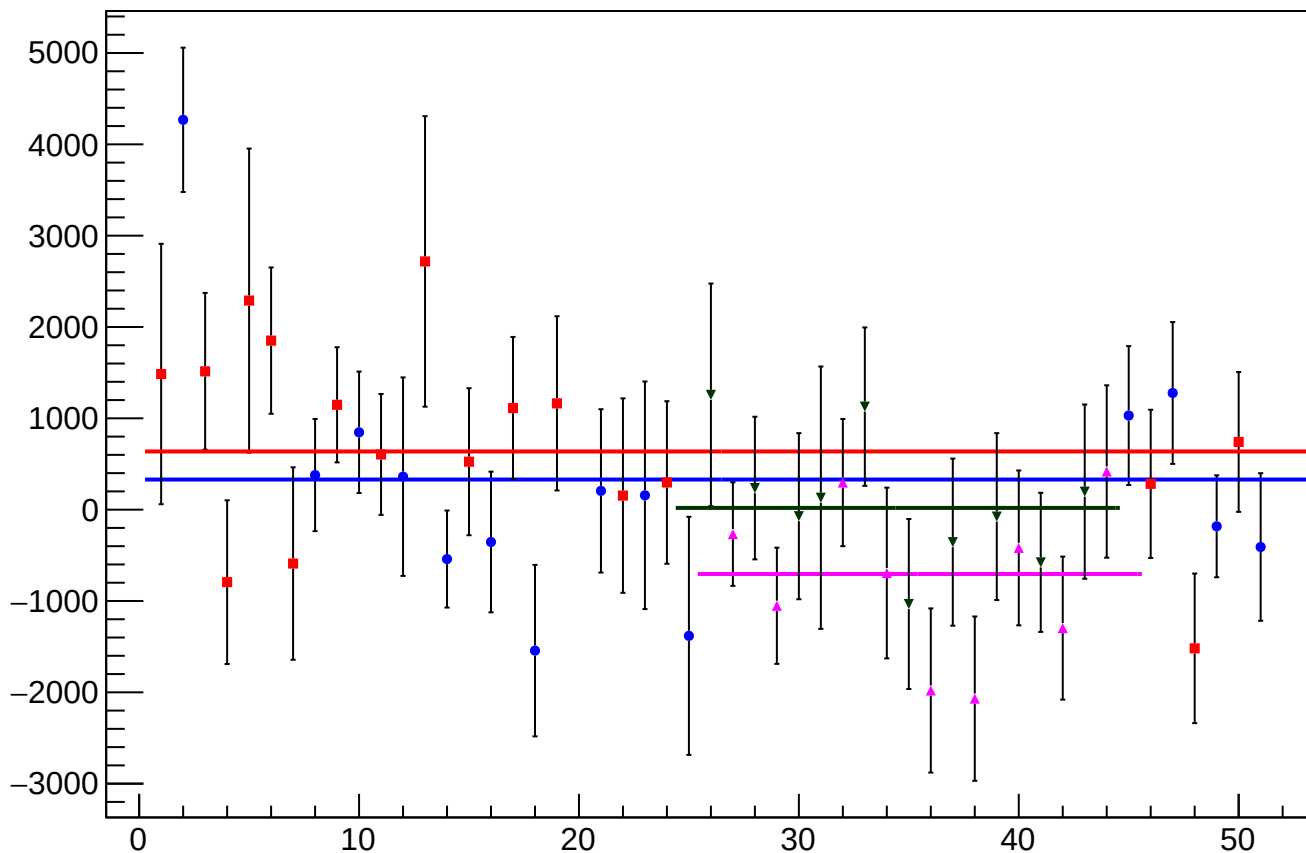
Left Out: 139.159 $\pm$ 0.043 χ^2 /NDF:1800.6/9

143.859 $\pm$ 0.019 χ^2 /NDF: 400953.5/49

Right Out: 149.285 $\pm$ 0.037 χ^2 /NDF: 211357.6/16

Left In: 141.110 $\pm$ 0.042 χ^2 /NDF:16410.3/8

asym_dsl_correction_mean vs slug



Right In: 329.904 $\pm$ 202.669 χ^2/NDF : 38.7/13

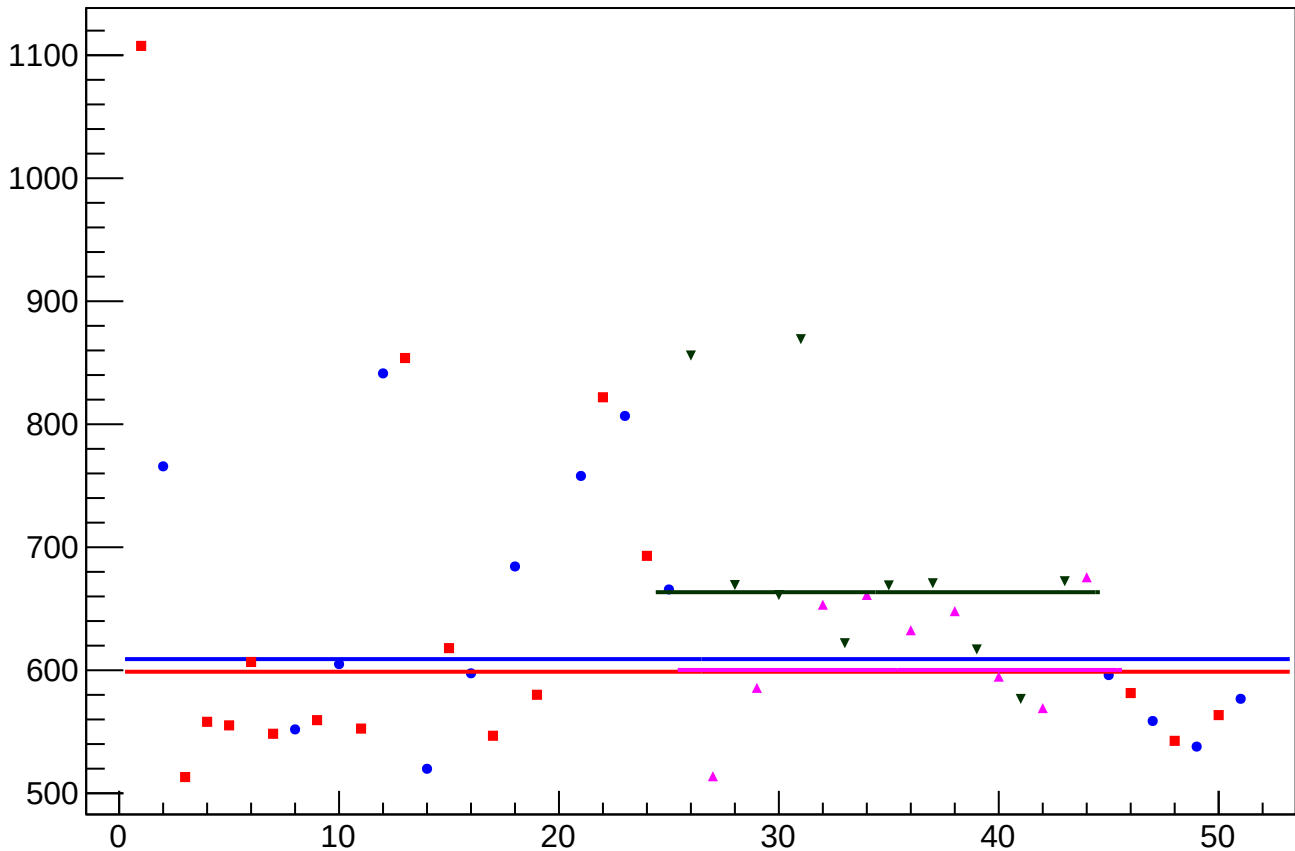
Left Out: 19.163 $\pm$ 292.256 χ^2/NDF : 4.9/9

Right Out: 637.309 $\pm$ 211.945 χ^2/NDF : 19.1/16

Left In: -704.266 $\pm$ 254.769 χ^2/NDF : 9.4/8

157.257 $\pm$ 116.467 χ^2/NDF : 89.6/49

asym_dsl_correction_rms vs slug



Right In: 609.070 $\pm$ 0.143 χ^2 /NDF: 411397.7/13

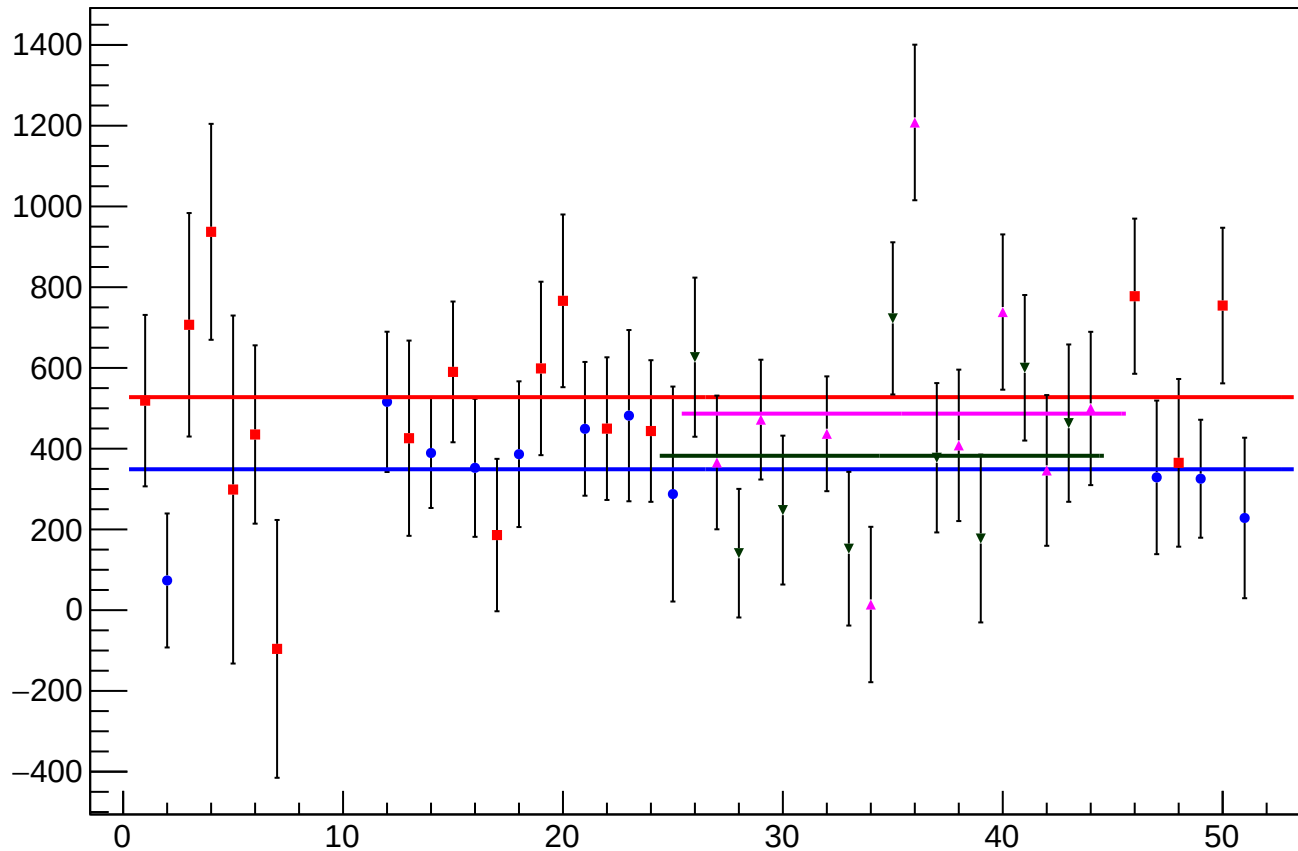
Left Out: 663.469 $\pm$ 0.207 χ^2 /NDF:127083.8/9

612.767 $\pm$ 0.082 χ^2 /NDF: 1194220.7/49

Right Out: 598.799 $\pm$ 0.150 χ^2 /NDF: 489574.5/16

Left In: 600.265 $\pm$ 0.180 χ^2 /NDF:91803.6/8

reg_asym_dsr_mean vs slug



Right In: 349.008 ± 52.644 $\chi^2/\text{NDF}: 5.0/10$

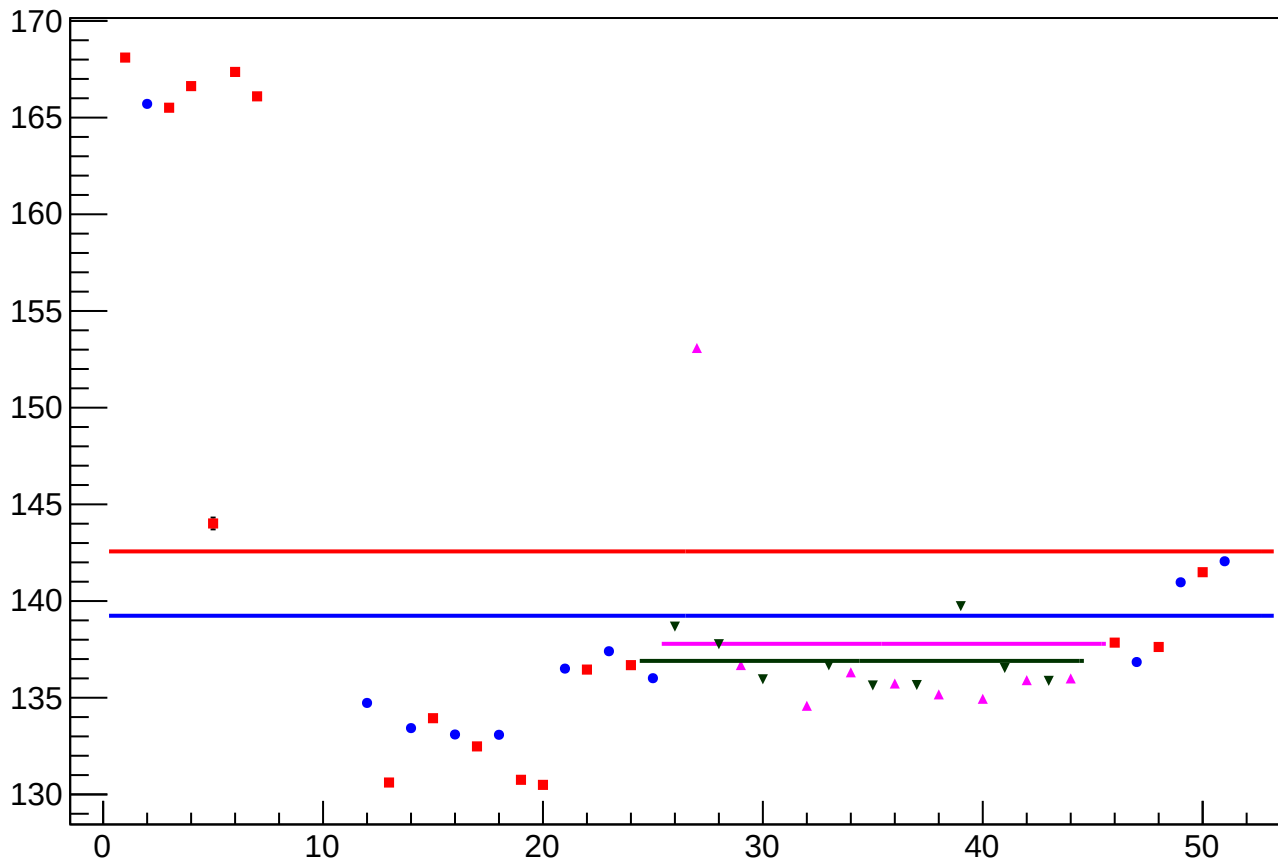
Left Out: 382.401 ± 62.041 $\chi^2/\text{NDF}: 11.7/8$

Right Out: 527.636 ± 53.588 $\chi^2/\text{NDF}: 16.1/15$

Left In: 486.782 ± 58.008 $\chi^2/\text{NDF}: 23.2/8$

437.333 ± 28.105 $\chi^2/\text{NDF}: 63.1/44$

reg_asym_dsr_rms vs slug



Right In: 139.239 $\pm$ 0.037 χ^2 /NDF: 62768.5/10

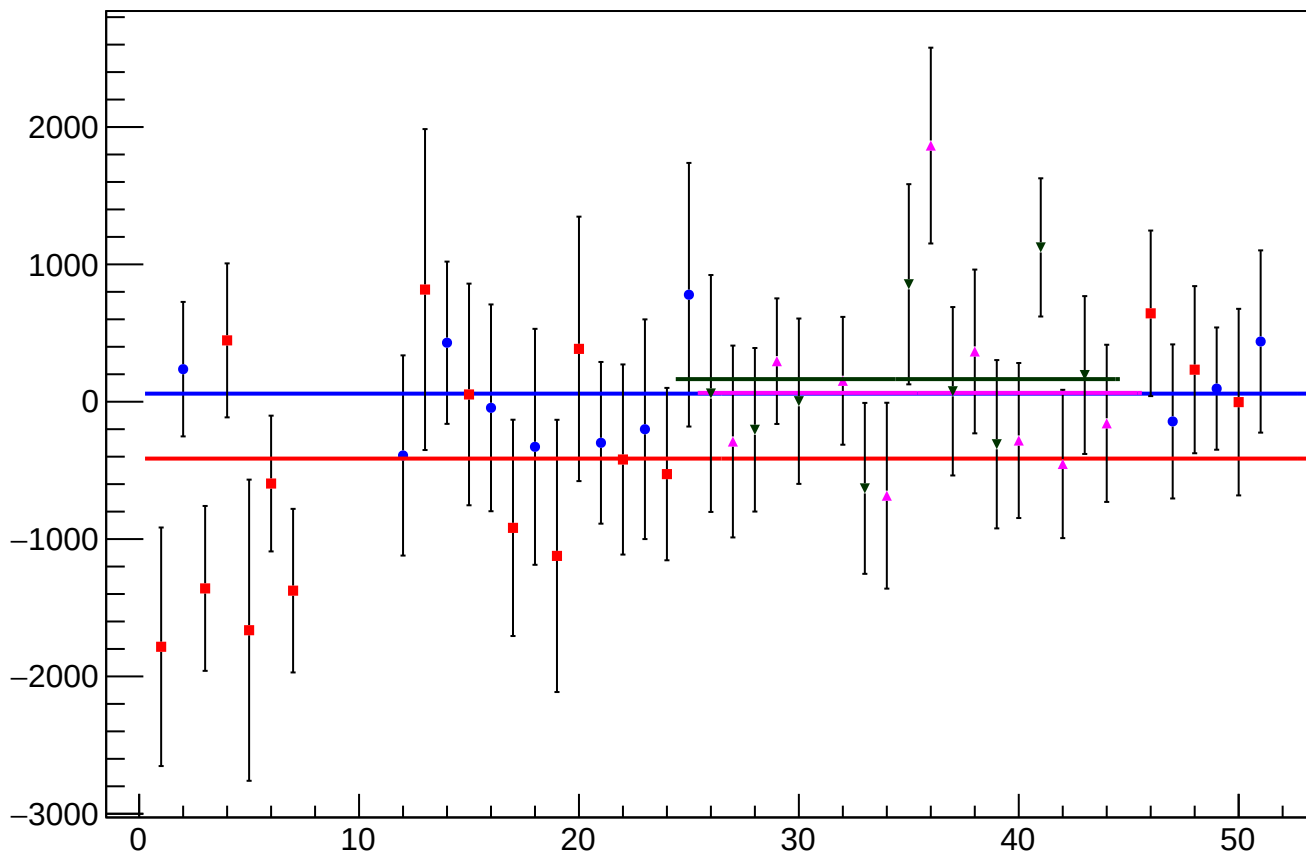
Left Out: 136.905 $\pm$ 0.044 χ^2 /NDF:893.7/8

Right Out: 142.567 $\pm$ 0.038 χ^2 /NDF: 129903.6/15

Left In: 137.788 $\pm$ 0.041 χ^2 /NDF:19747.2/8

139.335 $\pm$ 0.020 χ^2 /NDF: 225084.6/44

asym_dsr_correction_mean vs slug



Right In: 58.863 $\pm$ 188.735 χ^2 /NDF: 2.6/10

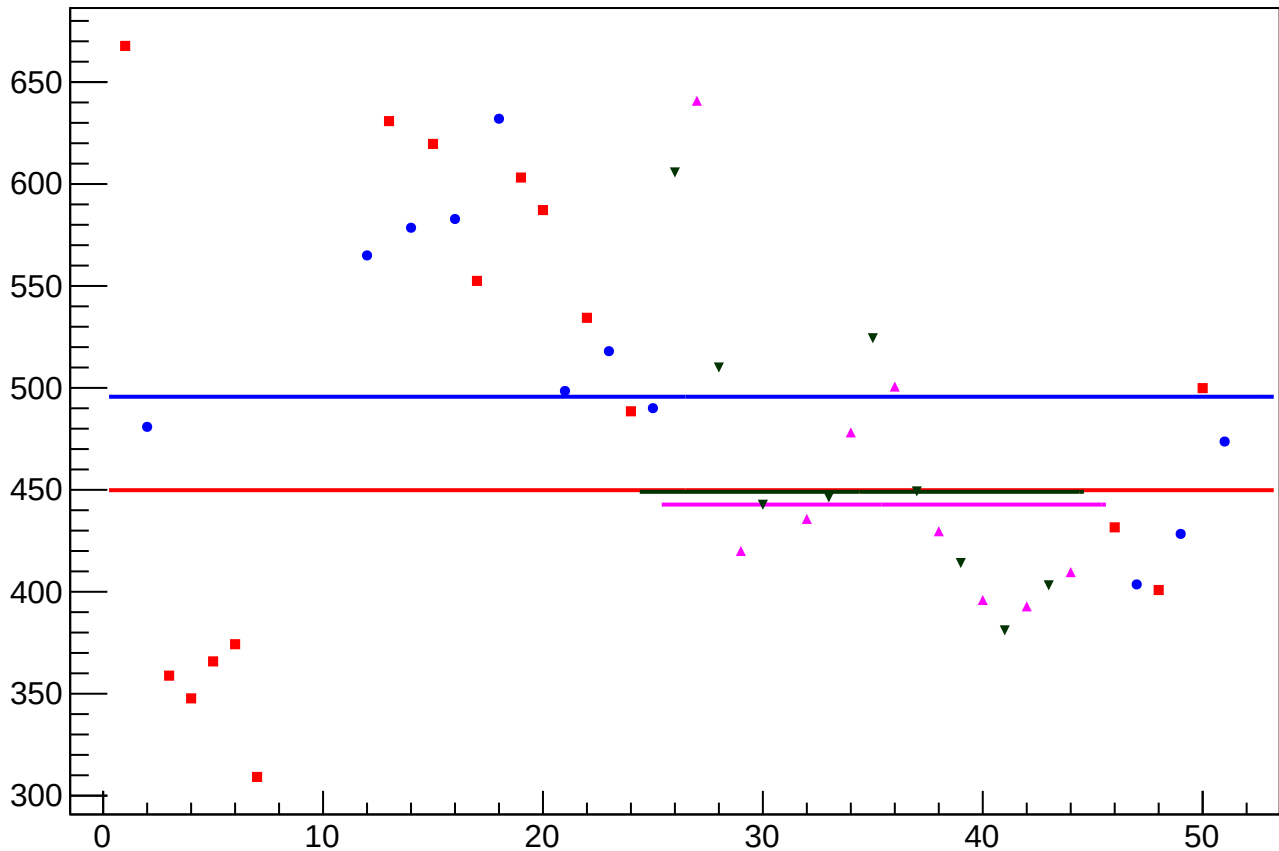
Left Out: 164.635 $\pm$ 205.449 χ^2 /NDF: 7.3/8

Right Out: -413.982 $\pm$ 173.403 χ^2 /NDF: 19.0/15

Left In: 64.363 $\pm$ 188.840 χ^2 /NDF: 9.9/8

-56.694 $\pm$ 94.045 χ^2 /NDF: 45.0/44

asym_dsr_correction_rms vs slug



Right In: 495.670+/-0.133 χ^2/NDF : 239938.6/10

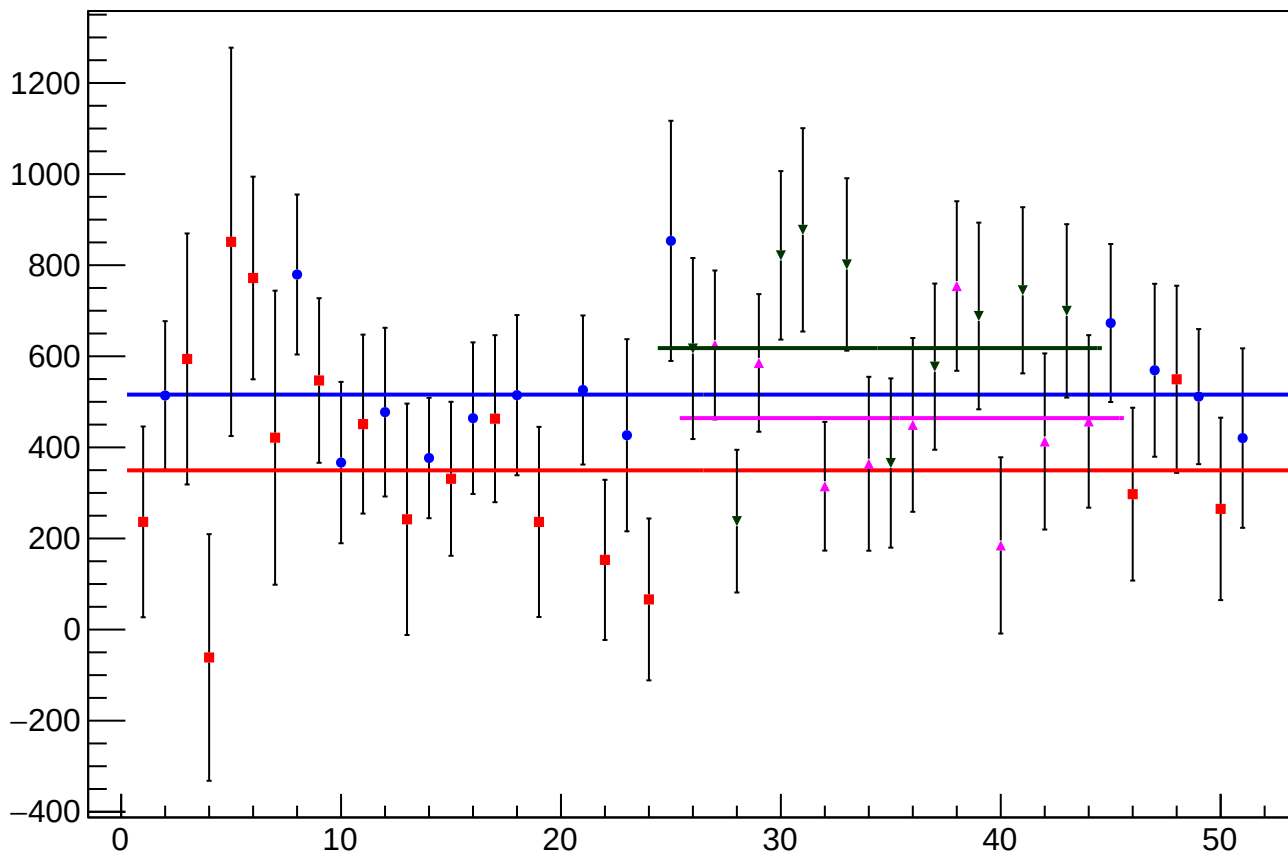
Left Out: 449.031+/-0.145 χ^2/NDF : 164300.9/8

459.294+/-0.067 χ^2/NDF : 1458865.0/44

Right Out: 449.828+/-0.123 χ^2/NDF : 730572.6/15

Left In: 442.774+/-0.134 χ^2/NDF : 223503.0/8

reg_asym_left_avg_mean vs slug



Right In: 515.865 ± 46.464 $\chi^2/\text{NDF}: 7.2/13$

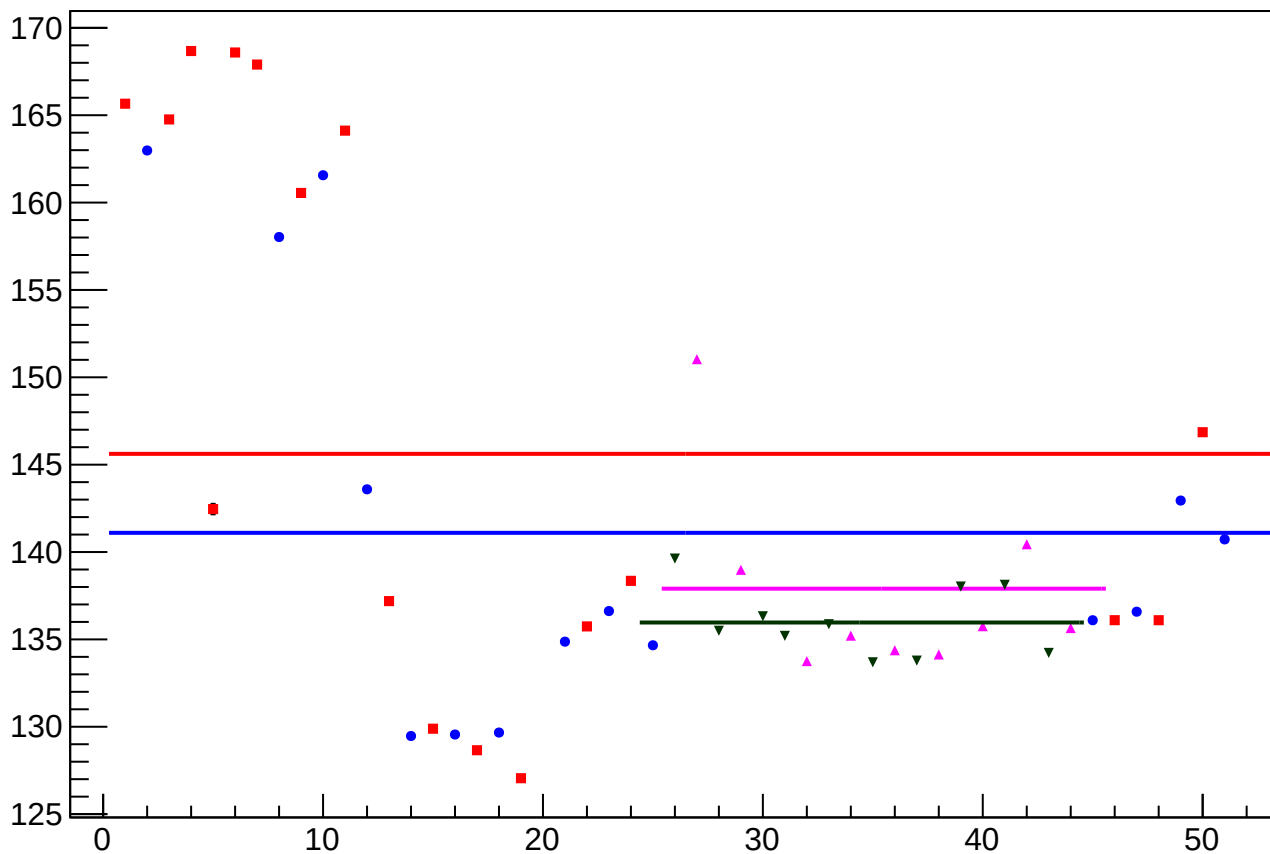
Left Out: 617.964 ± 59.362 $\chi^2/\text{NDF}: 12.1/9$

Right Out: 349.563 ± 50.957 $\chi^2/\text{NDF}: 15.7/16$

Left In: 464.267 ± 58.080 $\chi^2/\text{NDF}: 7.6/8$

480.608 ± 26.458 $\chi^2/\text{NDF}: 55.2/49$

reg_asym_left_avg_rms vs slug



Right In: 141.099 ± 0.033 χ^2/NDF : 123269.1/13

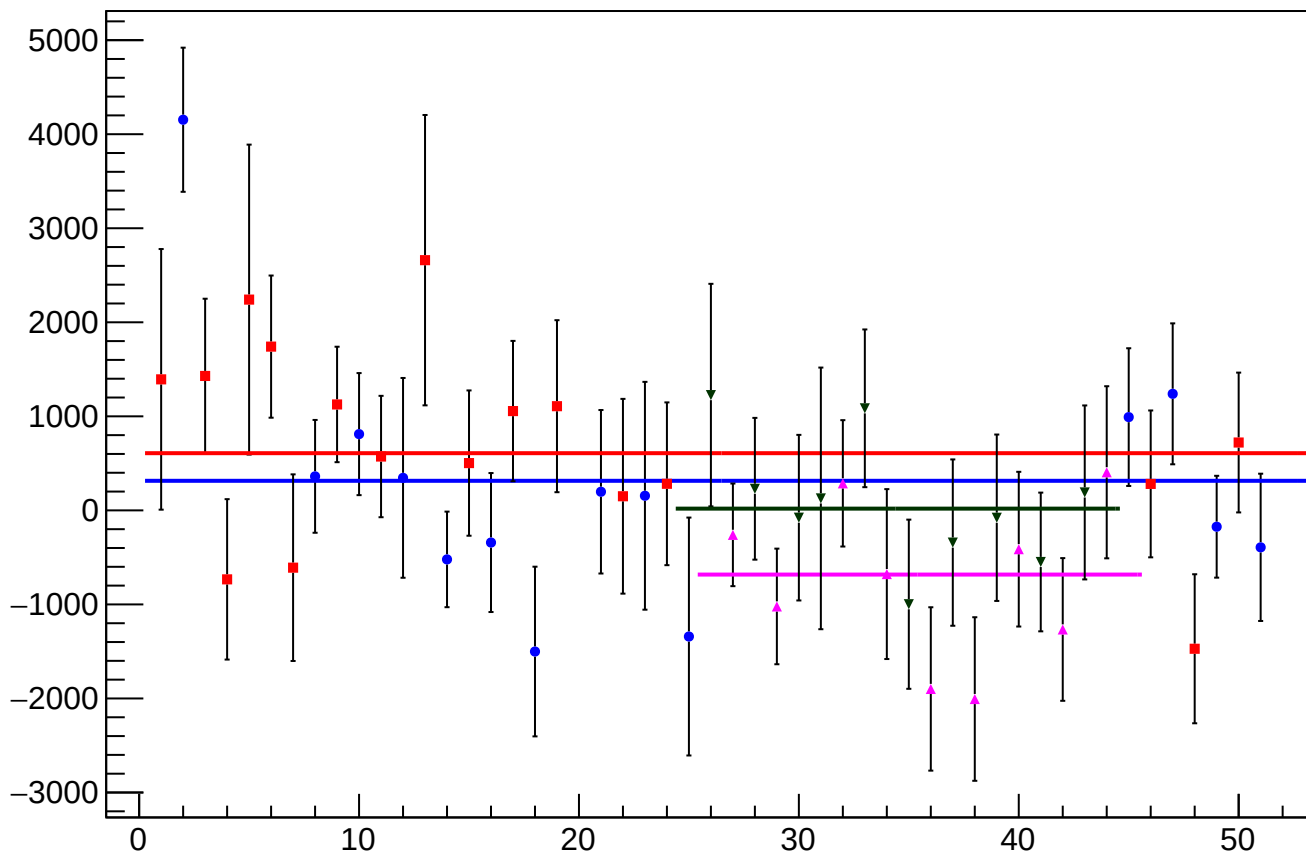
Left Out: 135.967 ± 0.042 χ^2/NDF : 1963.3/9

Right Out: 145.619 ± 0.036 χ^2/NDF : 176357.1/16

Left In: 137.903 ± 0.041 χ^2/NDF : 17512.3/8

140.635 ± 0.019 χ^2/NDF : 355229.0/49

asym_left_avg_correction_mean vs slug



Right In: 314.412 ± 196.139 $\chi^2/\text{NDF}: 39.0/13$

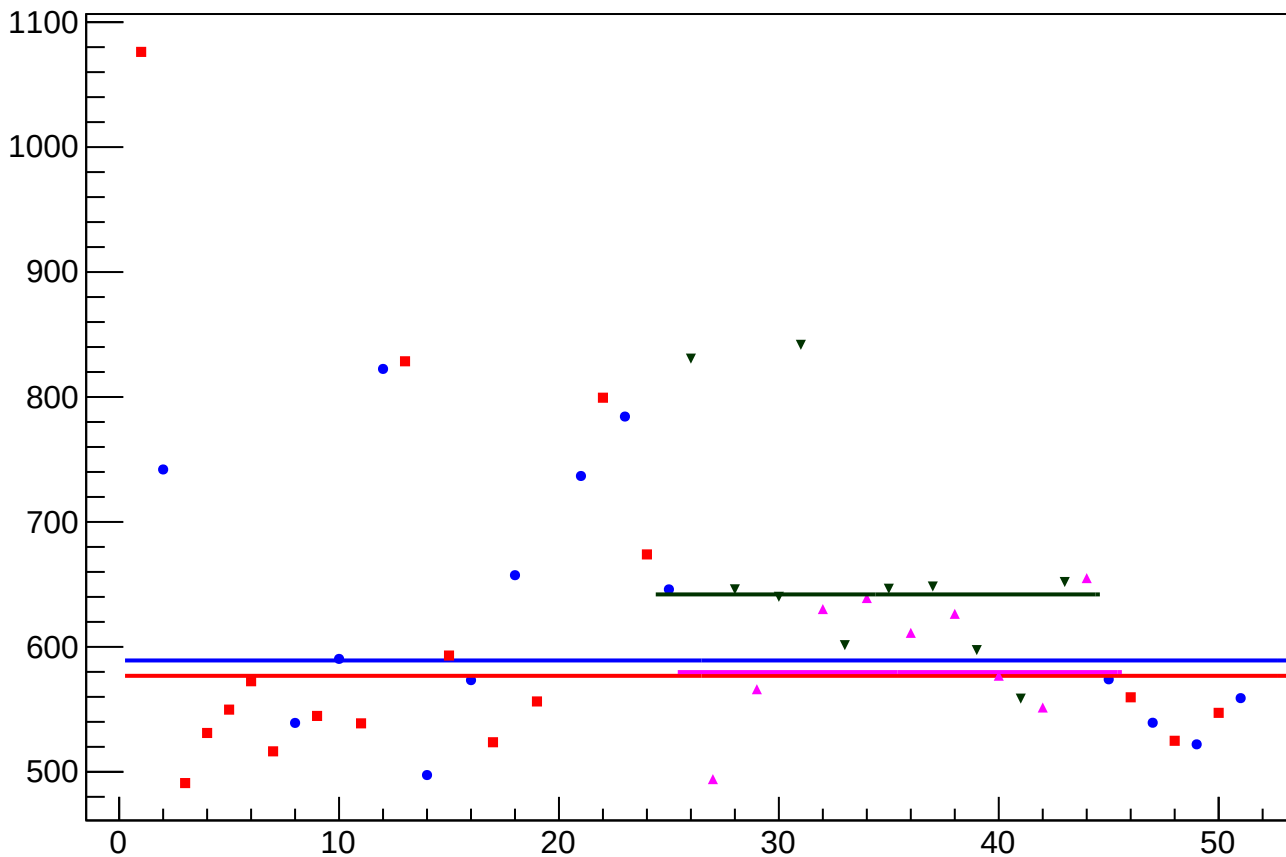
Left Out: 18.573 ± 282.811 $\chi^2/\text{NDF}: 4.8/9$

148.346 ± 112.533 $\chi^2/\text{NDF}: 89.7/49$

Right Out: 608.185 ± 204.274 $\chi^2/\text{NDF}: 19.1/16$

Left In: -682.611 ± 246.153 $\chi^2/\text{NDF}: 9.4/8$

asym_left_avg_correction_rms vs slug



Right In: 589.143+/-0.139 χ^2/NDF : 424549.9/13

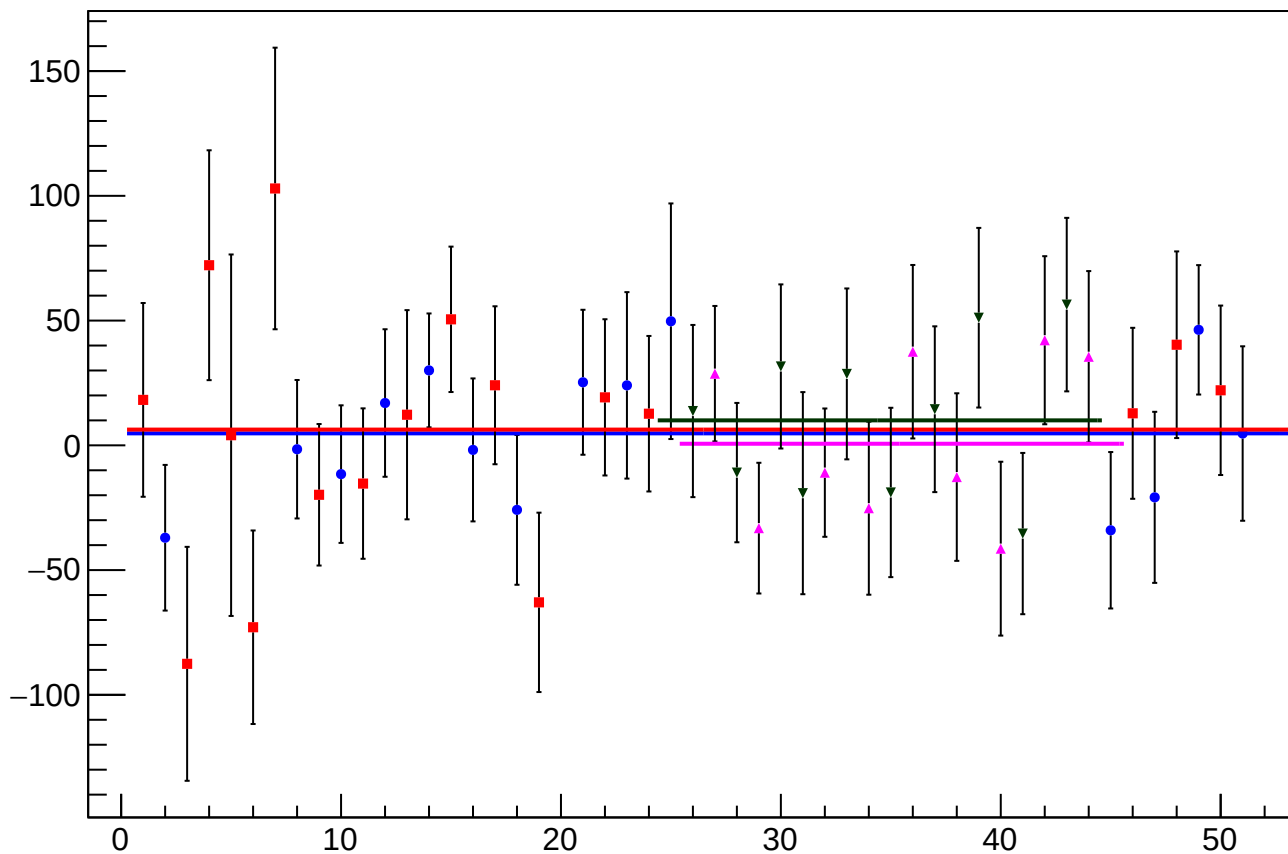
Left Out: 642.002+/-0.200 χ^2/NDF :127900.5/9

Right Out: 576.847+/-0.144 χ^2/NDF : 503356.7/16

Left In: 579.841+/-0.174 χ^2/NDF :94876.2/8

591.837+/-0.080 χ^2/NDF : 1229507.8/49

reg_asym_left_dd_mean vs slug



Right In: 4.796 ± 7.980 χ^2/NDF : 11.3/13

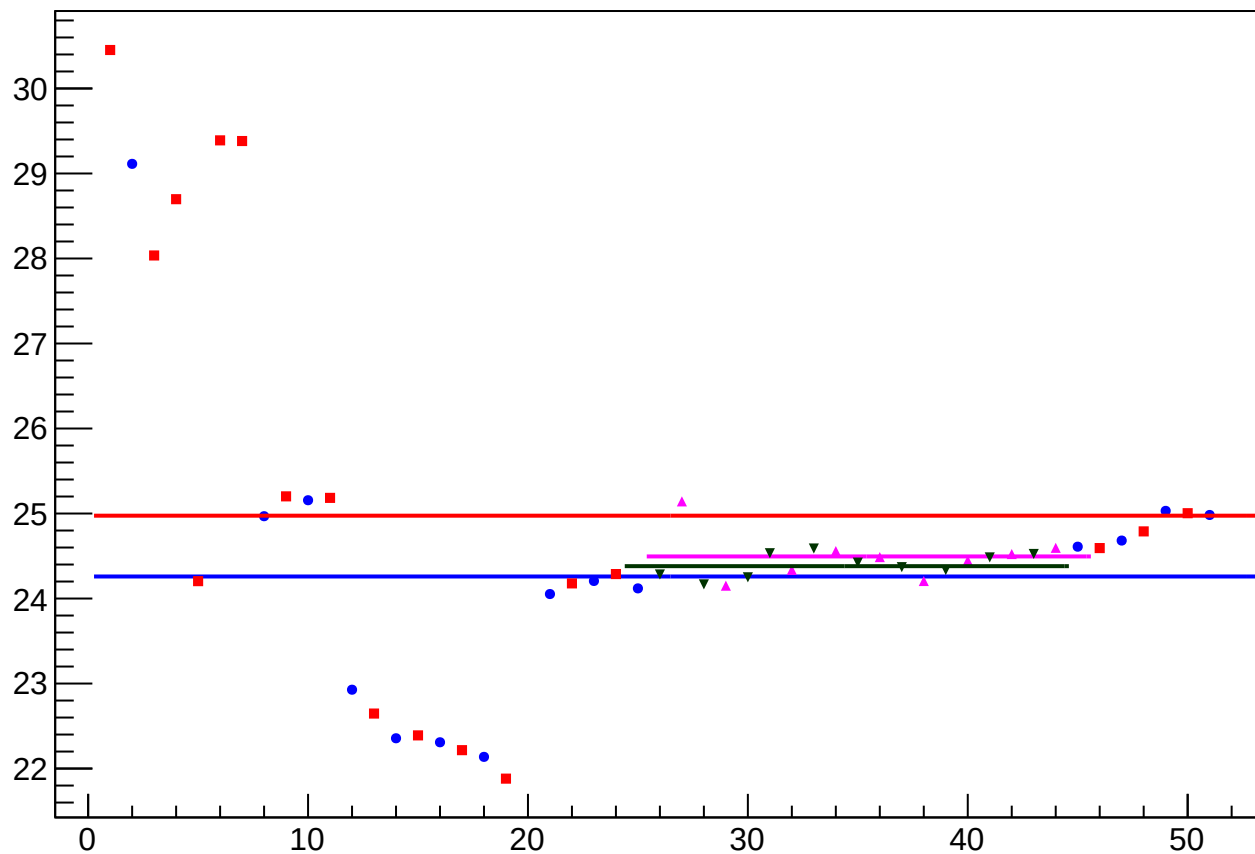
Left Out: 10.009 ± 10.637 χ^2/NDF : 7.6/9

Right Out: 6.311 ± 8.735 χ^2/NDF : 22.3/16

Left In: 0.637 ± 10.300 χ^2/NDF : 8.8/8

5.364 ± 4.609 χ^2/NDF : 50.3/49

reg_asym_left_dd_rms vs slug



Right In: 24.259+/-0.006 χ^2/NDF : 99250.0/13

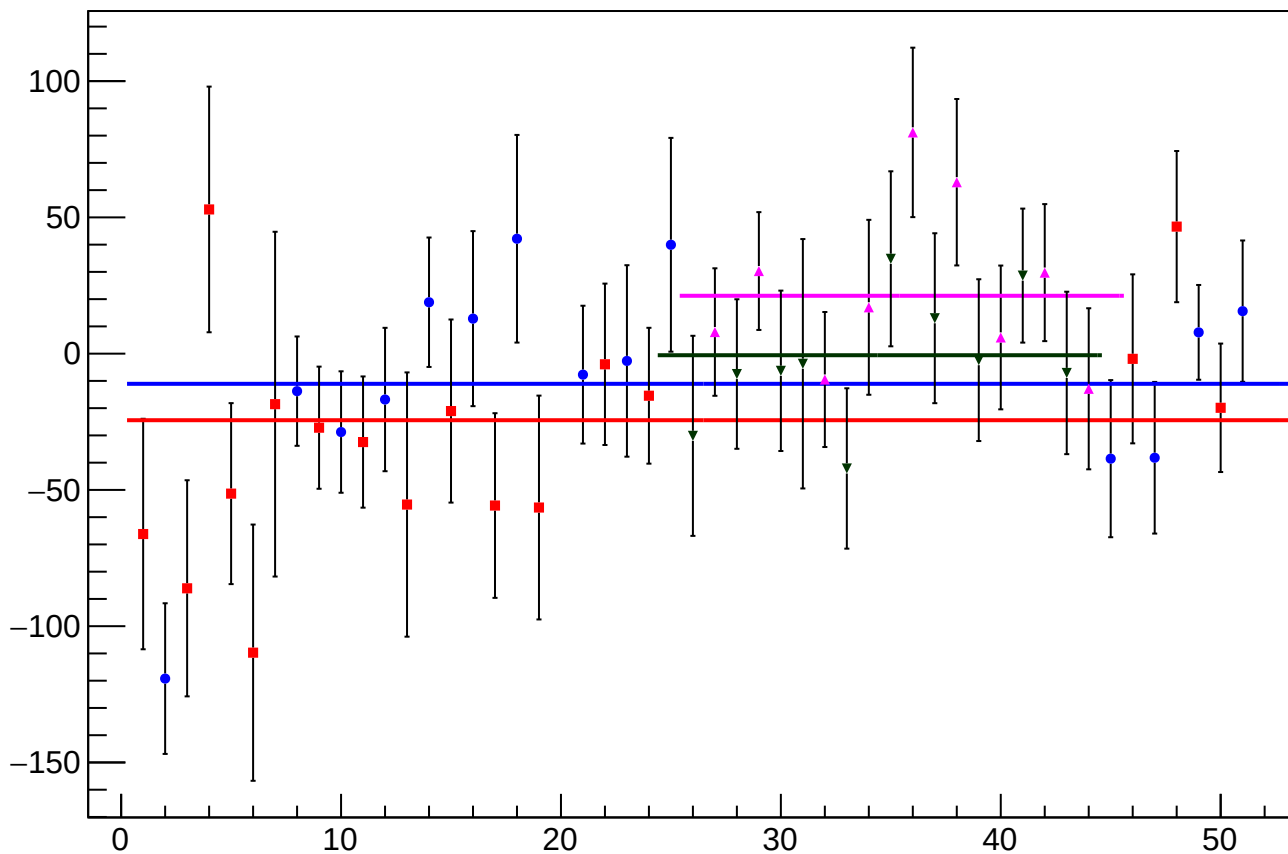
Left Out: 24.381+/-0.008 χ^2/NDF : 328.3/9

Right Out: 24.975+/-0.006 χ^2/NDF : 154414.8/16

Left In: 24.495+/-0.007 χ^2/NDF : 1736.5/8

24.528+/-0.003 χ^2/NDF : 263627.6/49

asym_left_dd_correction_mean vs slug



Right In: -11.069 ± 6.901 $\chi^2/\text{NDF}: 26.0/13$

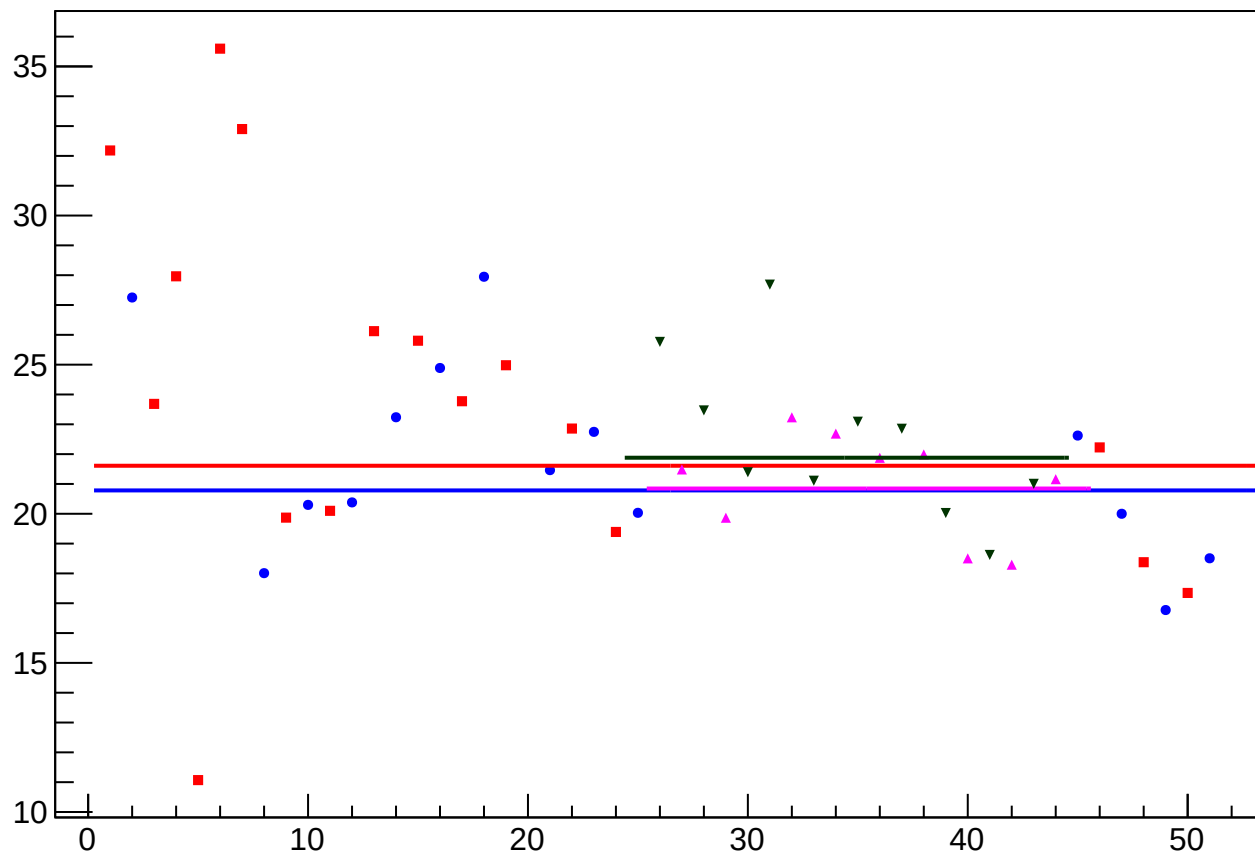
Left Out: -0.575 ± 9.634 $\chi^2/\text{NDF}: 5.6/9$

-6.091 ± 4.039 $\chi^2/\text{NDF}: 77.1/49$

Right Out: -24.423 ± 7.743 $\chi^2/\text{NDF}: 20.0/16$

Left In: 21.238 ± 8.825 $\chi^2/\text{NDF}: 9.4/8$

asym_left_dd_correction_rms vs slug



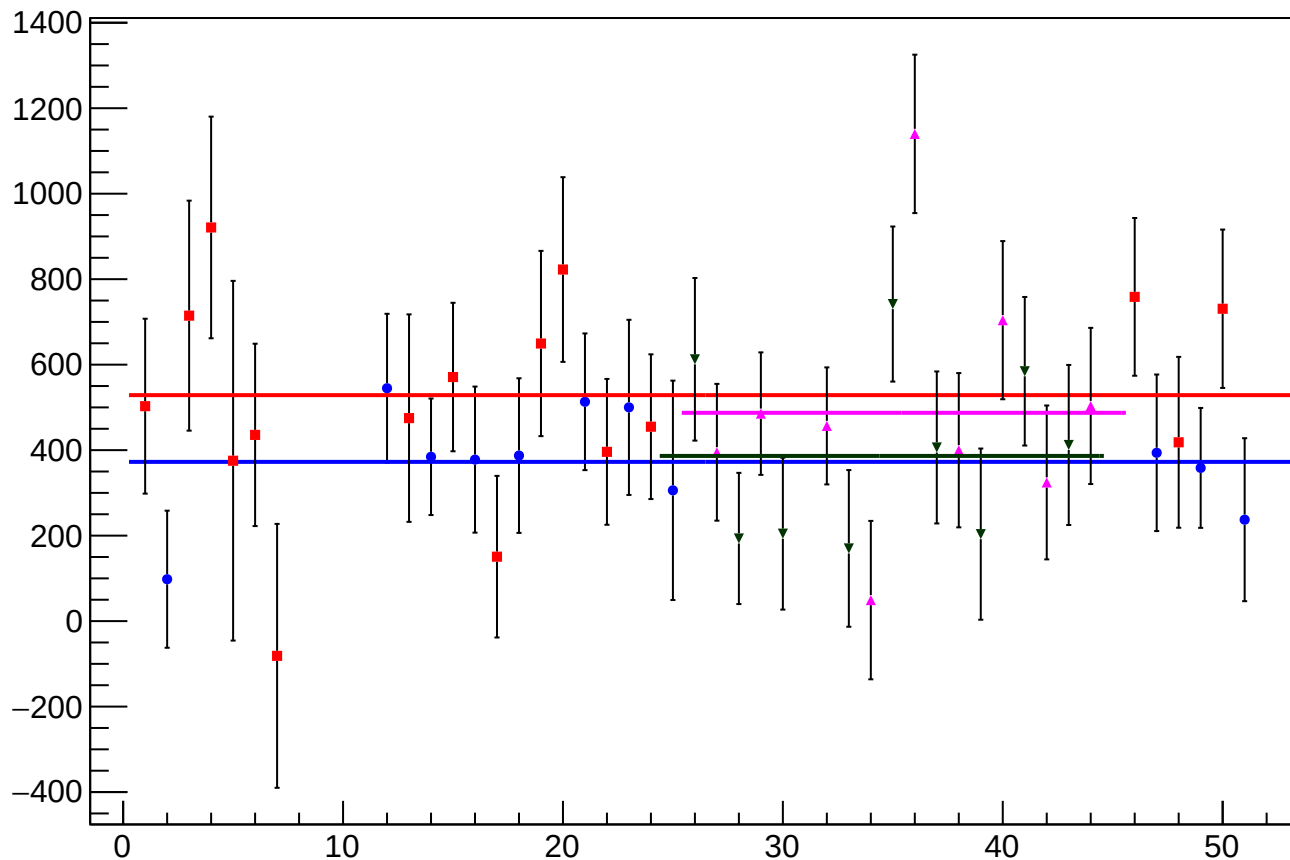
Right In: 20.783 ± 0.005 χ^2/NDF : 413962.3/13

Left Out: 21.214 ± 0.003 χ^2/NDF : 1440497.3/49

Right Out: 21.610 ± 0.005 χ^2/NDF : 815433.1/16

Left In: 20.847 ± 0.006 χ^2/NDF : 72406.2/8

reg_asym_right_avg_mean vs slug



Right In: 372.556+/-51.520 χ^2/NDF : 5.7/10

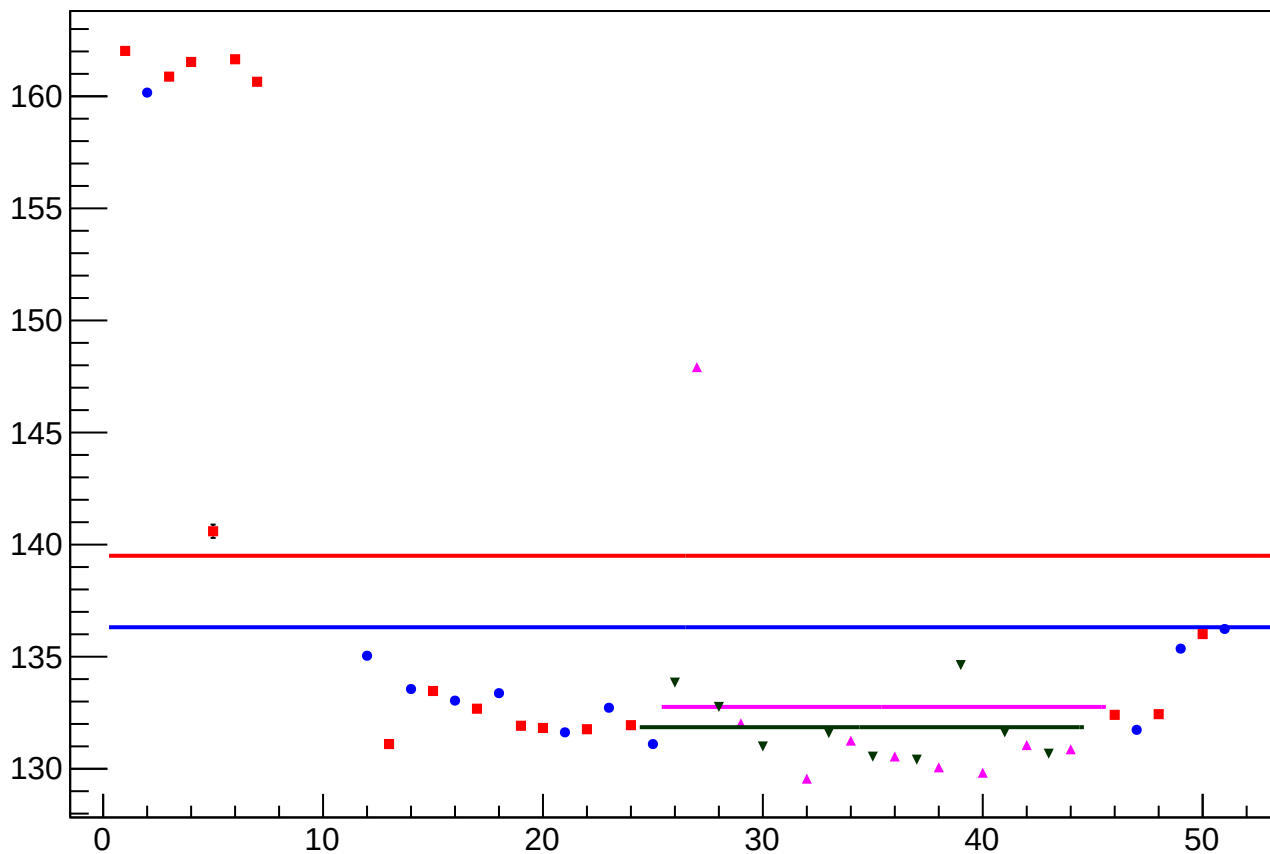
Left Out: 386.472+/-59.748 χ^2/NDF : 11.4/8

Right Out: 528.701+/-52.396 χ^2/NDF : 17.1/15

Left In: 487.352+/-55.895 χ^2/NDF : 20.8/8

445.266+/-27.306 χ^2/NDF : 61.1/44

reg_asym_right_avg_rms vs slug



Right In: 136.314+/-0.036 χ^2/NDF : 50922.2/10

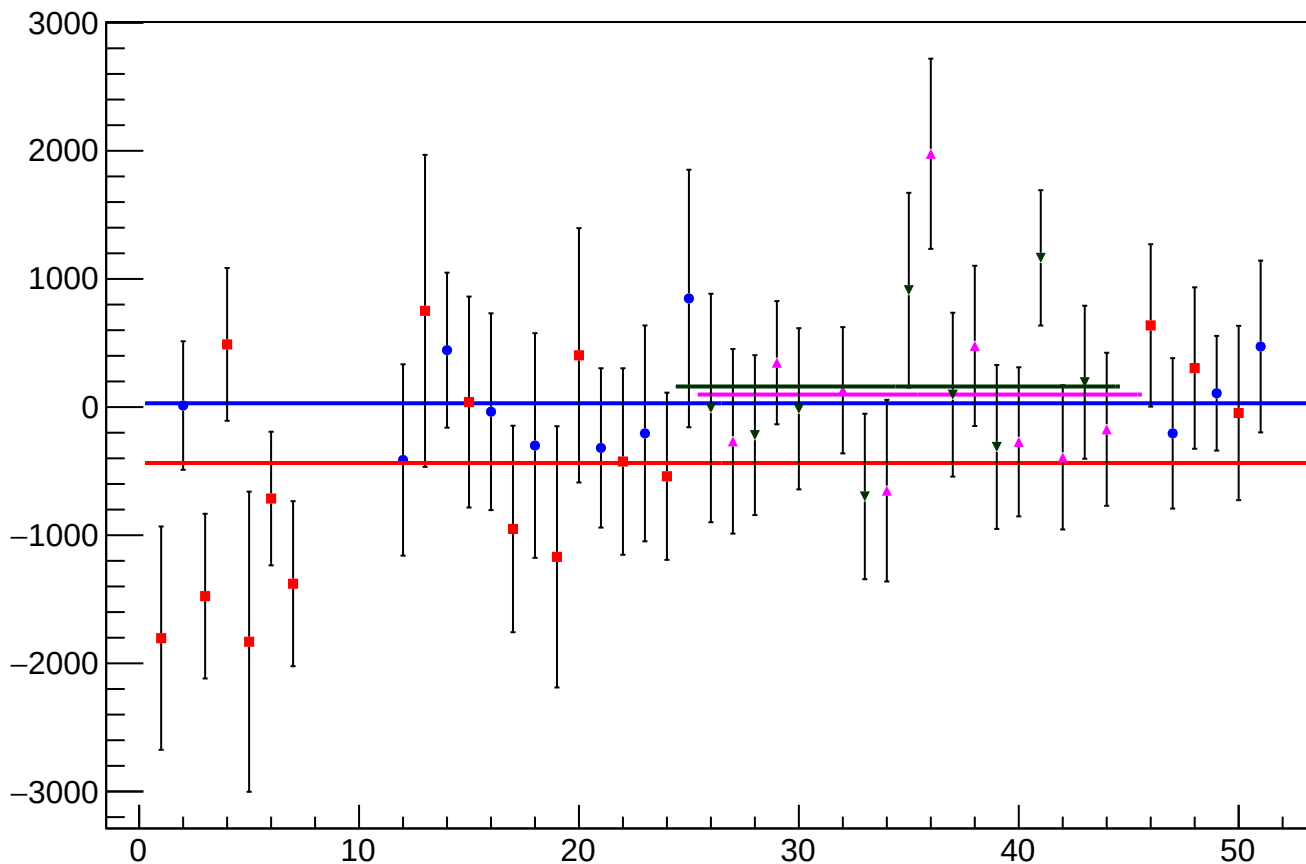
Left Out: 131.856+/-0.042 χ^2/NDF :1042.7/8

135.401+/-0.019 χ^2/NDF : 206104.4/44

Right Out: 139.502+/-0.037 χ^2/NDF : 108901.6/15

Left In: 132.760+/-0.040 χ^2/NDF :20847.8/8

asym_right_avg_correction_mean vs slug



Right In: 29.807 $\pm$ 193.876 χ^2/NDF : 2.7/10

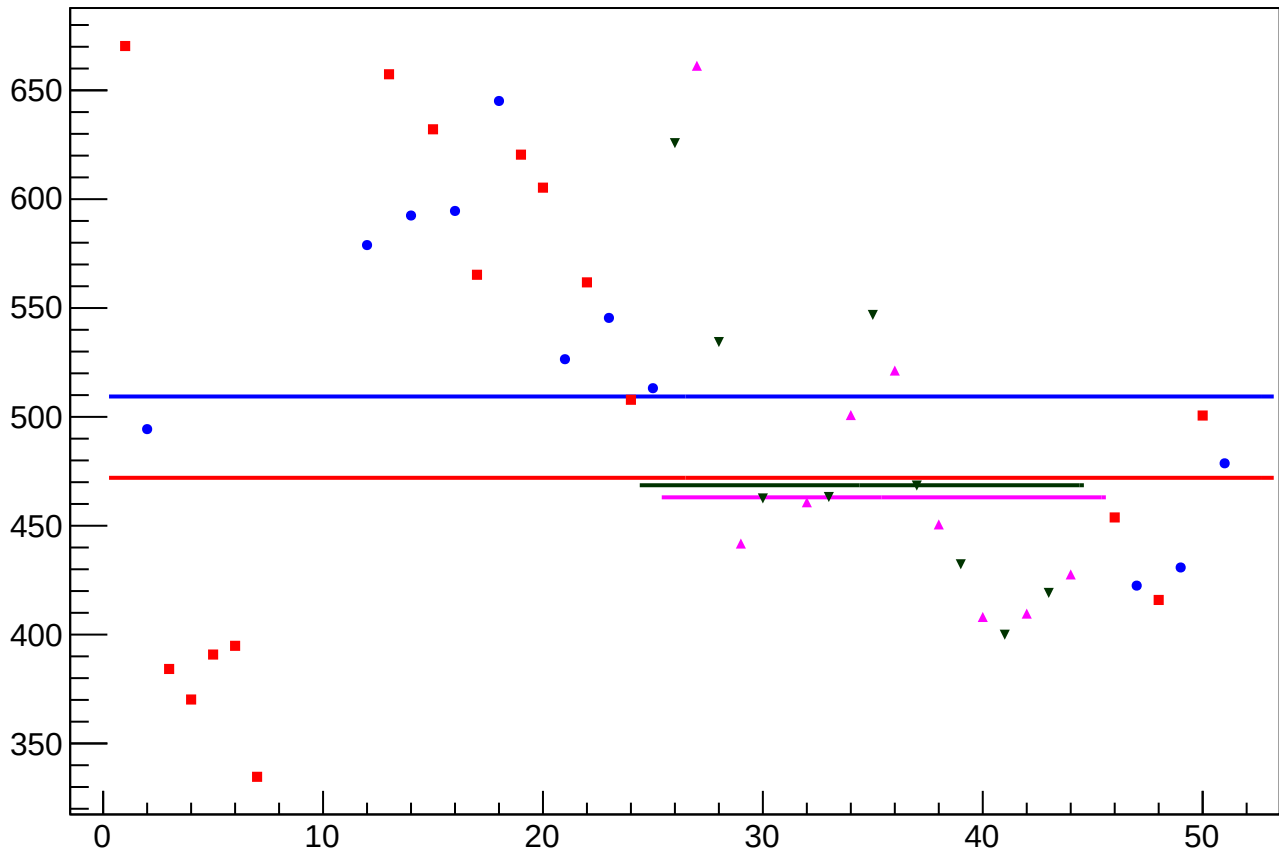
Left Out: 160.700 $\pm$ 214.338 χ^2/NDF : 7.4/8

-62.051 $\pm$ 97.833 χ^2/NDF : 44.9/44

Right Out: -436.320 $\pm$ 181.222 χ^2/NDF : 18.9/15

Left In: 97.893 $\pm$ 197.421 χ^2/NDF : 9.8/8

asym_right_avg_correction_rms vs slug



Right In: 509.366 ± 0.137 χ^2/NDF : 244262.6/10

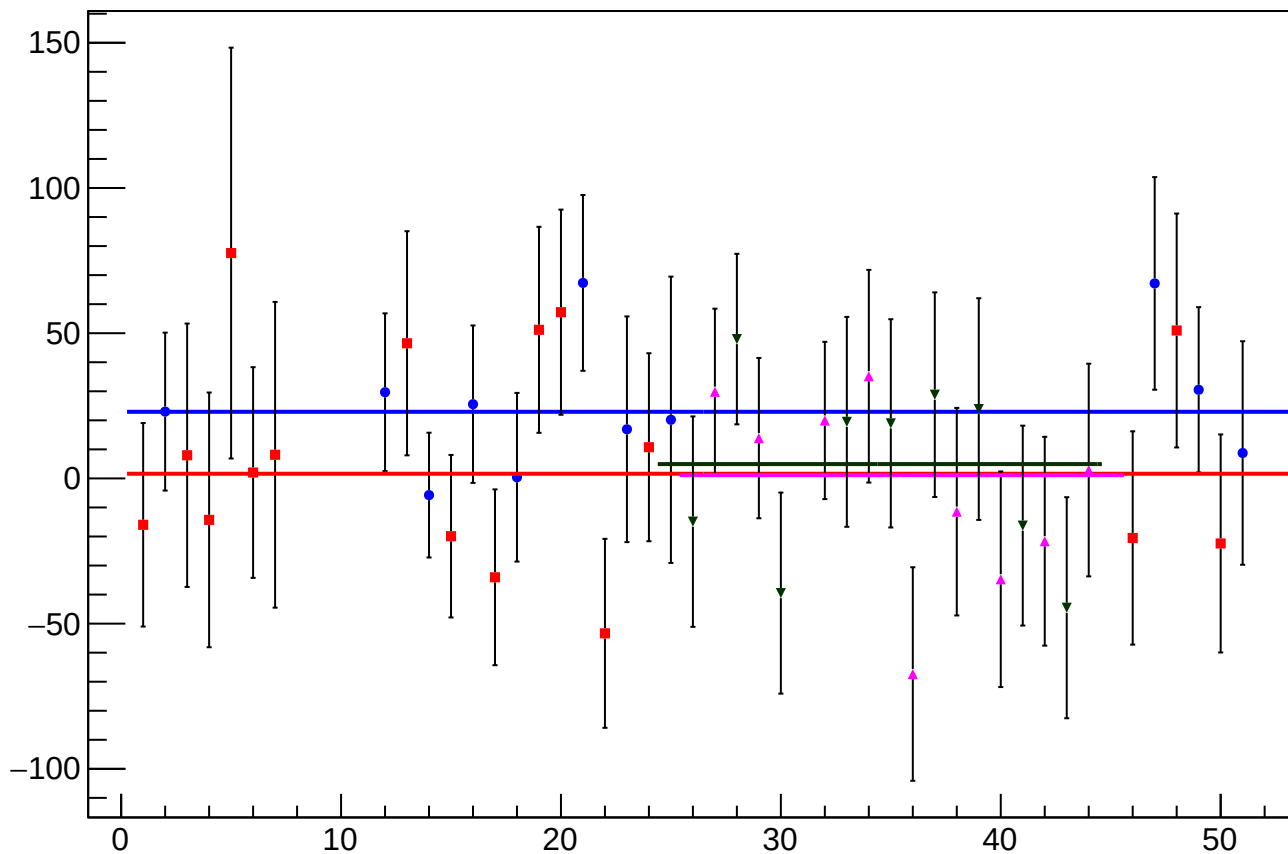
Left Out: 468.599 ± 0.152 χ^2/NDF : 159871.6/8

Right Out: 472.014 ± 0.128 χ^2/NDF : 628451.0/15

Left In: 463.045 ± 0.140 χ^2/NDF : 217144.5/8

478.611 ± 0.069 χ^2/NDF : 1319506.2/44

reg_asym_right_dd_mean vs slug



Right In: 22.943 $\pm$ 9.037 χ^2 /NDF: 6.3/10

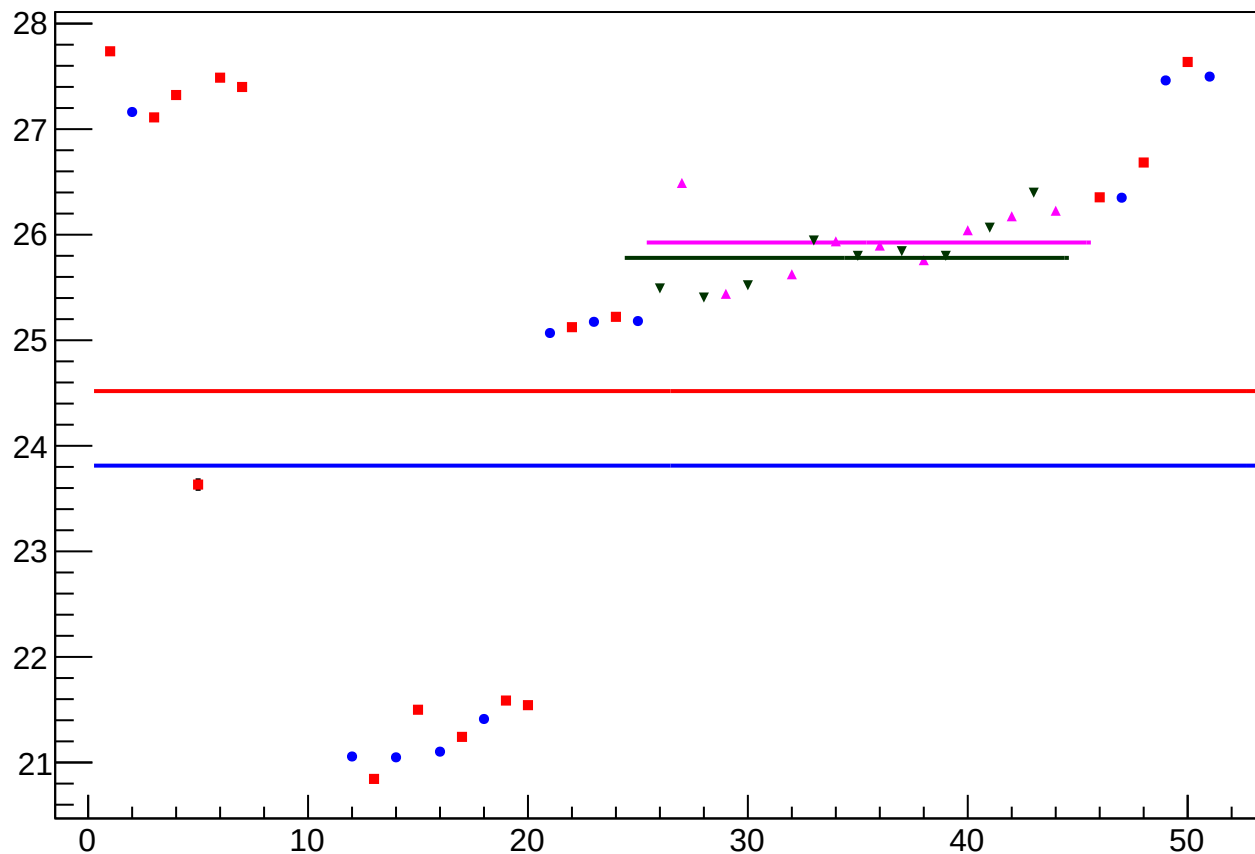
Left Out: 4.935 $\pm$ 11.682 χ^2 /NDF: 7.2/8

Right Out: 1.607 $\pm$ 9.227 χ^2 /NDF: 14.5/15

Left In: 1.137 $\pm$ 10.902 χ^2 /NDF: 7.5/8

8.697 $\pm$ 5.017 χ^2 /NDF: 39.2/44

reg_asym_right_dd_rms vs slug



Right In: 23.812 $\pm$ 0.006 χ^2 /NDF: 186022.2/10

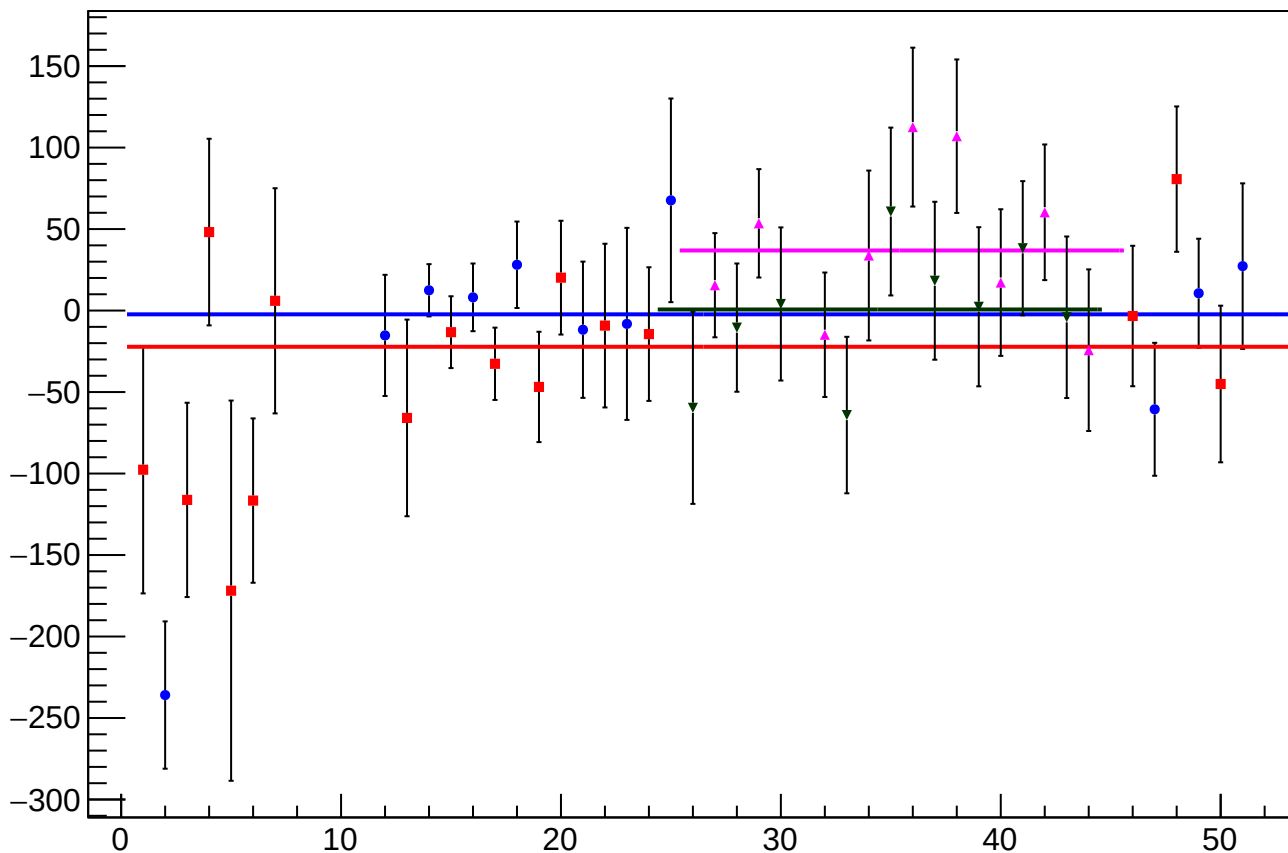
Left Out: 25.780 $\pm$ 0.008 χ^2 /NDF:1282.1/8

Right Out: 24.518 $\pm$ 0.007 χ^2 /NDF: 170232.4/15

Left In: 25.926 $\pm$ 0.008 χ^2 /NDF:1941.2/8

24.832 $\pm$ 0.004 χ^2 /NDF: 420575.4/44

asym_right_dd_correction_mean vs slug



Right In: -2.314 ± 9.188 $\chi^2/\text{NDF}: 33.1/10$

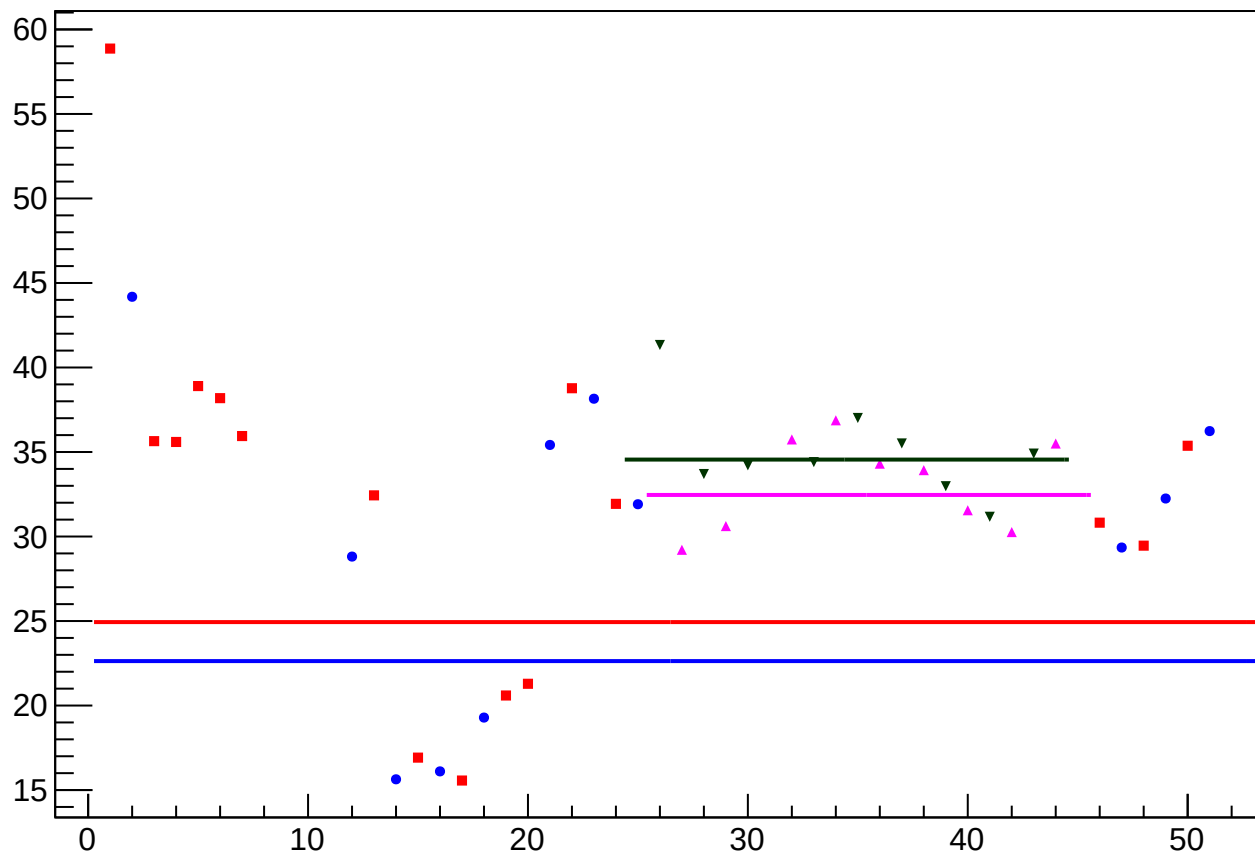
Left Out: 0.666 ± 15.731 $\chi^2/\text{NDF}: 5.3/8$

-1.642 ± 5.667 $\chi^2/\text{NDF}: 78.7/44$

Right Out: -22.215 ± 10.018 $\chi^2/\text{NDF}: 19.1/15$

Left In: 36.865 ± 13.752 $\chi^2/\text{NDF}: 9.2/8$

asym_right_dd_correction_rms vs slug



Right In: 22.630+/-0.006 χ^2/NDF : 1853436.1/10

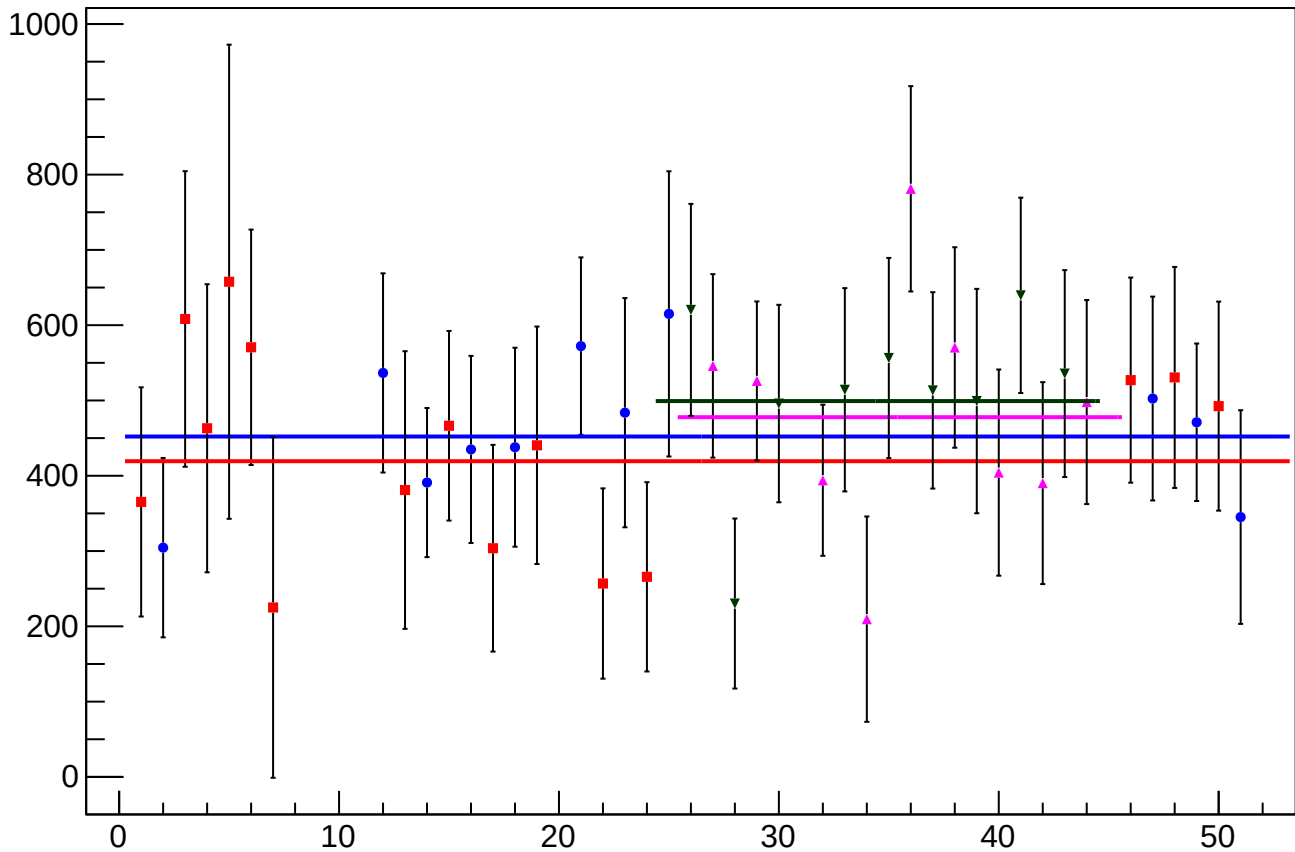
Left Out: 34.552+/-0.011 χ^2/NDF : 48582.2/8

Right Out: 24.937+/-0.007 χ^2/NDF : 1820971.1/15

Left In: 32.459+/-0.010 χ^2/NDF : 74633.7/8

26.585+/-0.004 χ^2/NDF : 5100223.4/44

reg_asym_us_avg_mean vs slug



Right In: 452.112 ± 38.065 $\chi^2/\text{NDF}: 4.9/10$

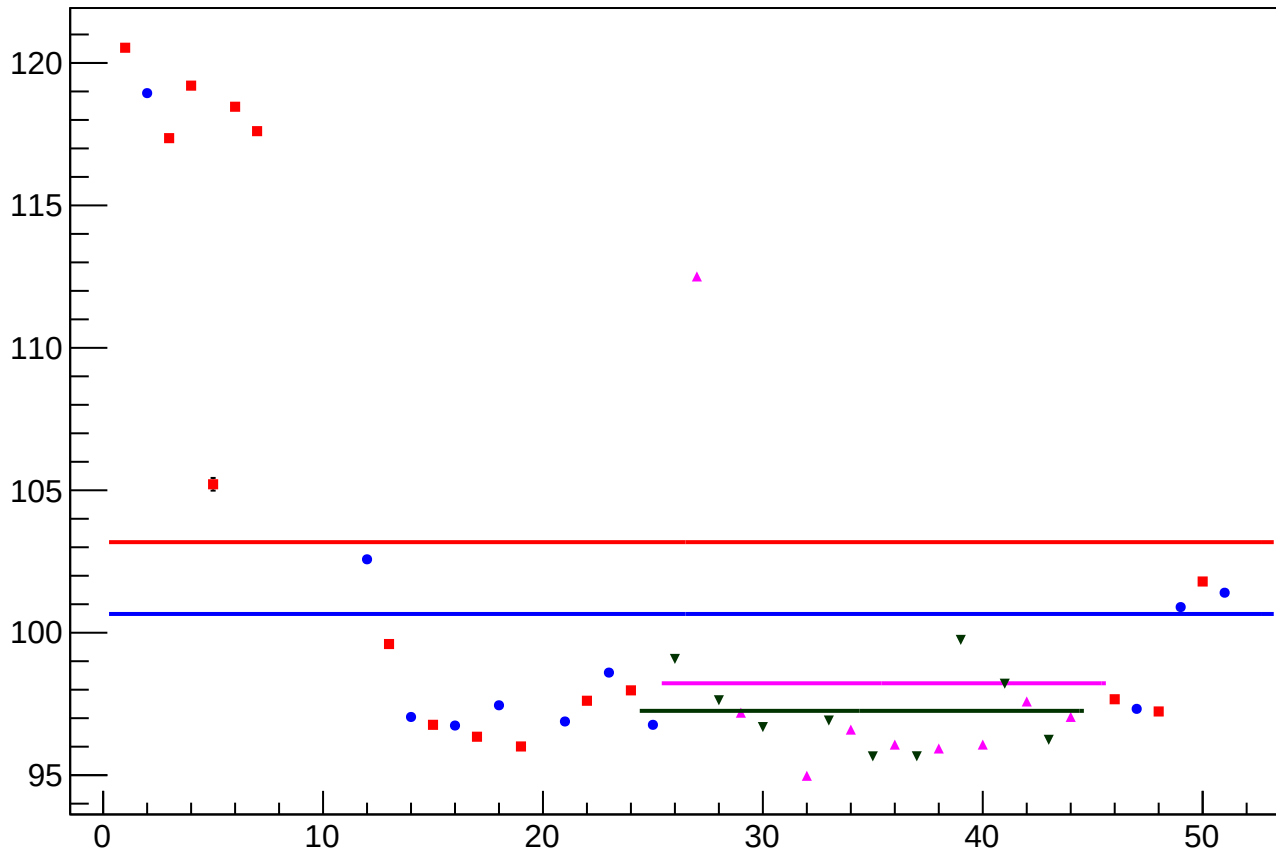
Left Out: 499.205 ± 44.079 $\chi^2/\text{NDF}: 7.9/8$

Right Out: 419.338 ± 39.818 $\chi^2/\text{NDF}: 8.9/14$

Left In: 477.806 ± 41.389 $\chi^2/\text{NDF}: 11.3/8$

459.786 ± 20.331 $\chi^2/\text{NDF}: 35.0/43$

reg_asym_us_avg_rms vs slug



Right In: 100.659+/-0.027 χ^2/NDF : 57873.3/10

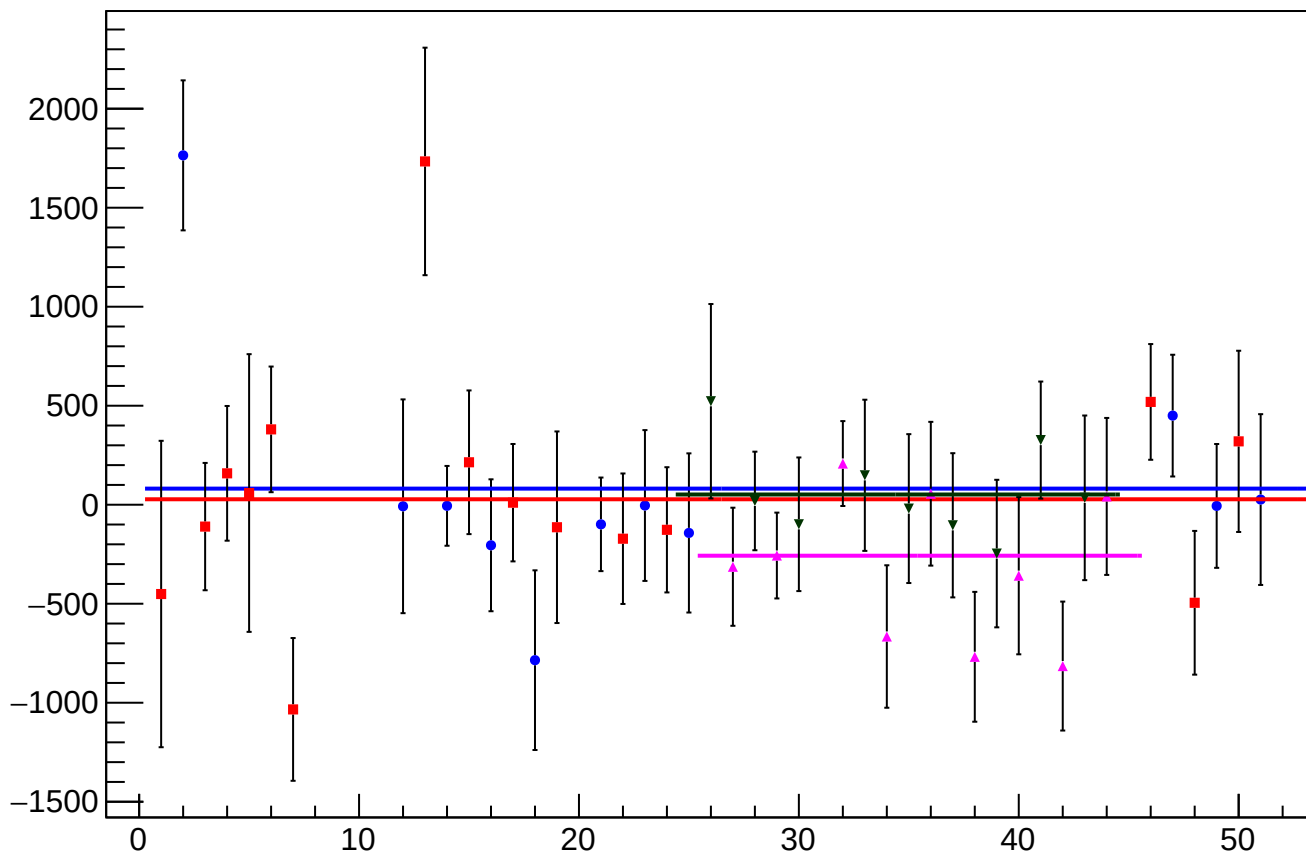
Left Out: 97.257+/-0.031 χ^2/NDF : 1771.7/8

100.005+/-0.014 χ^2/NDF : 223112.1/43

Right Out: 103.179+/-0.028 χ^2/NDF : 106880.9/14

Left In: 98.225+/-0.029 χ^2/NDF : 31817.4/8

asym_us_avg_correction_mean vs slug



Right In: 81.338+/-97.092 χ^2/NDF : 26.8/10

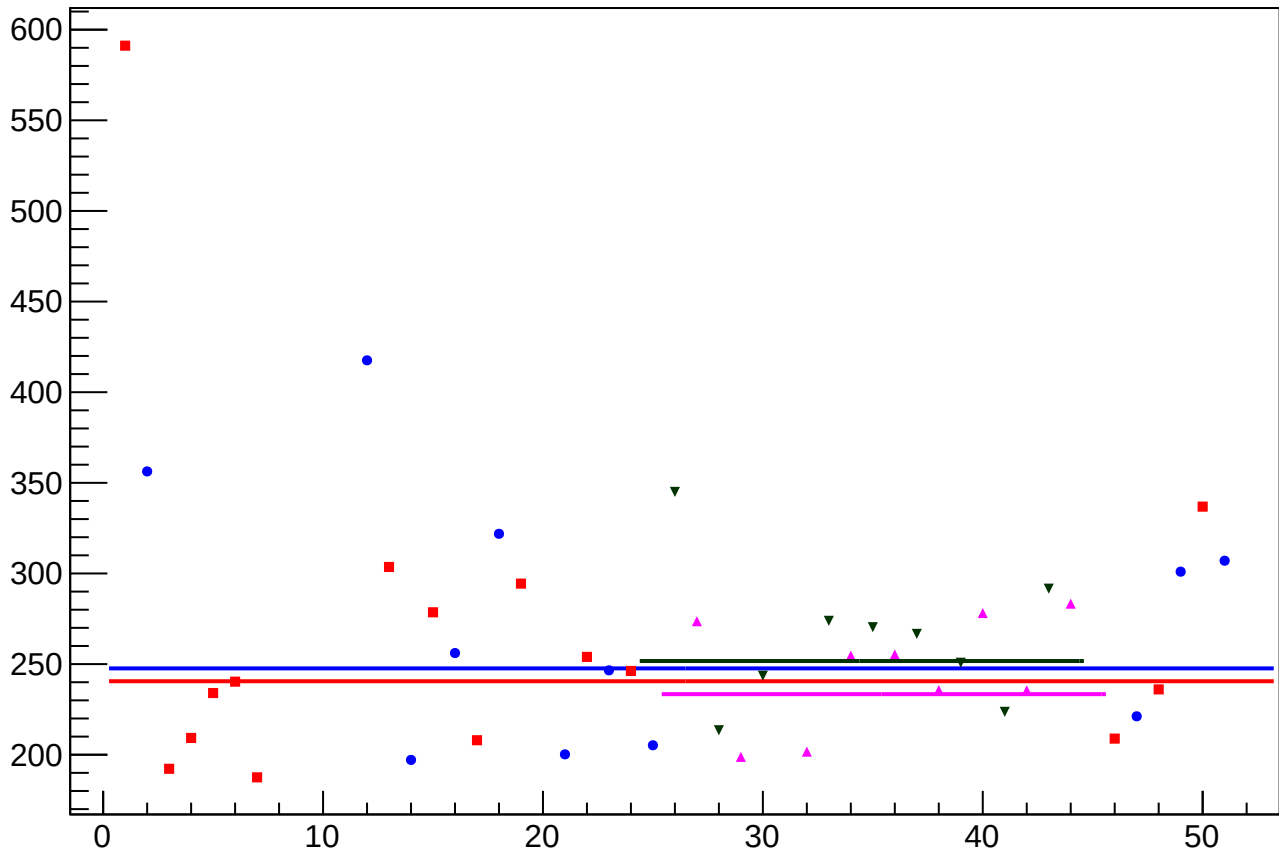
Left Out: 51.608+/-115.473 χ^2/NDF : 2.9/8

Right Out: 27.541+/-95.685 χ^2/NDF : 25.7/14

Left In: -257.473+/-99.480 χ^2/NDF : 12.8/8

-26.857+/-50.550 χ^2/NDF : 75.6/43

asym_us_avg_correction_rms vs slug



Right In: 247.635+/-0.069 χ^2/NDF : 757071.2/10

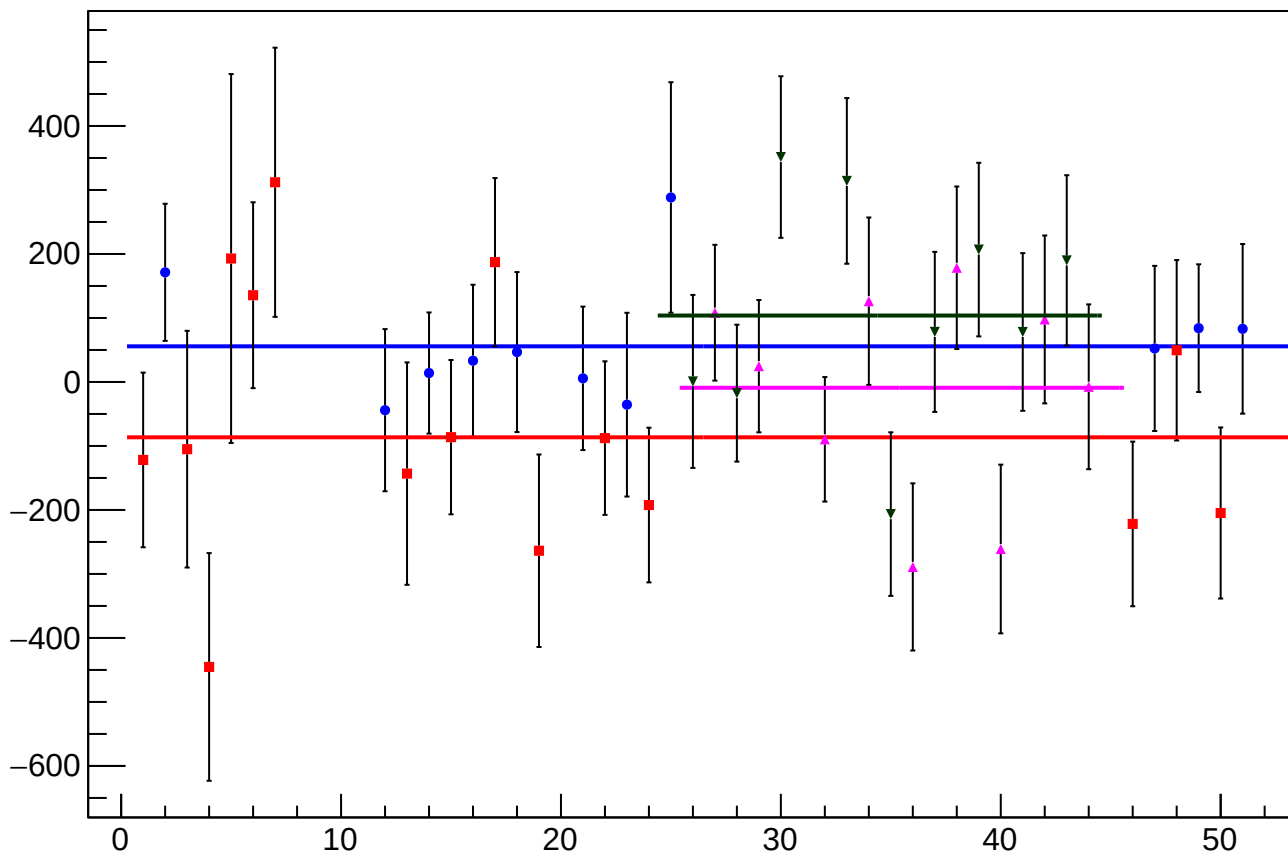
Left Out: 251.694+/-0.082 χ^2/NDF : 171994.2/8

242.762+/-0.036 χ^2/NDF : 1895074.2/43

Right Out: 240.543+/-0.068 χ^2/NDF : 727543.1/14

Left In: 233.416+/-0.070 χ^2/NDF : 202731.8/8

reg_asym_us_dd_mean vs slug



Right In: 55.702+/-35.980 χ^2/NDF : 4.4/10

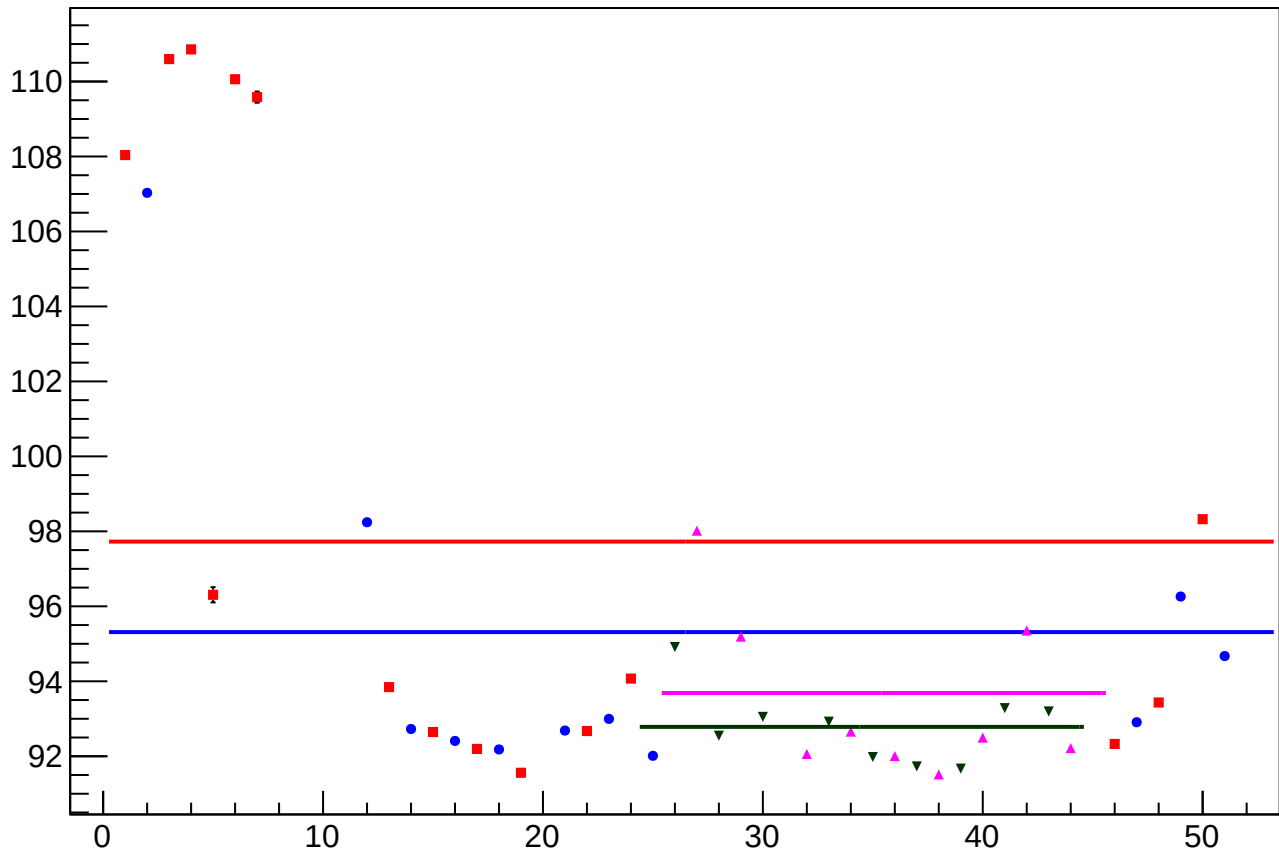
Left Out: 103.808+/-42.016 χ^2/NDF : 15.3/8

Right Out: -86.477+/-37.655 χ^2/NDF : 20.4/14

Left In: -9.084+/-39.431 χ^2/NDF : 14.2/8

13.023+/-19.290 χ^2/NDF : 67.7/43

reg_asym_us_dd_rms vs slug



Right In: 95.312+/-0.025 χ^2 /NDF: 32159.2/10

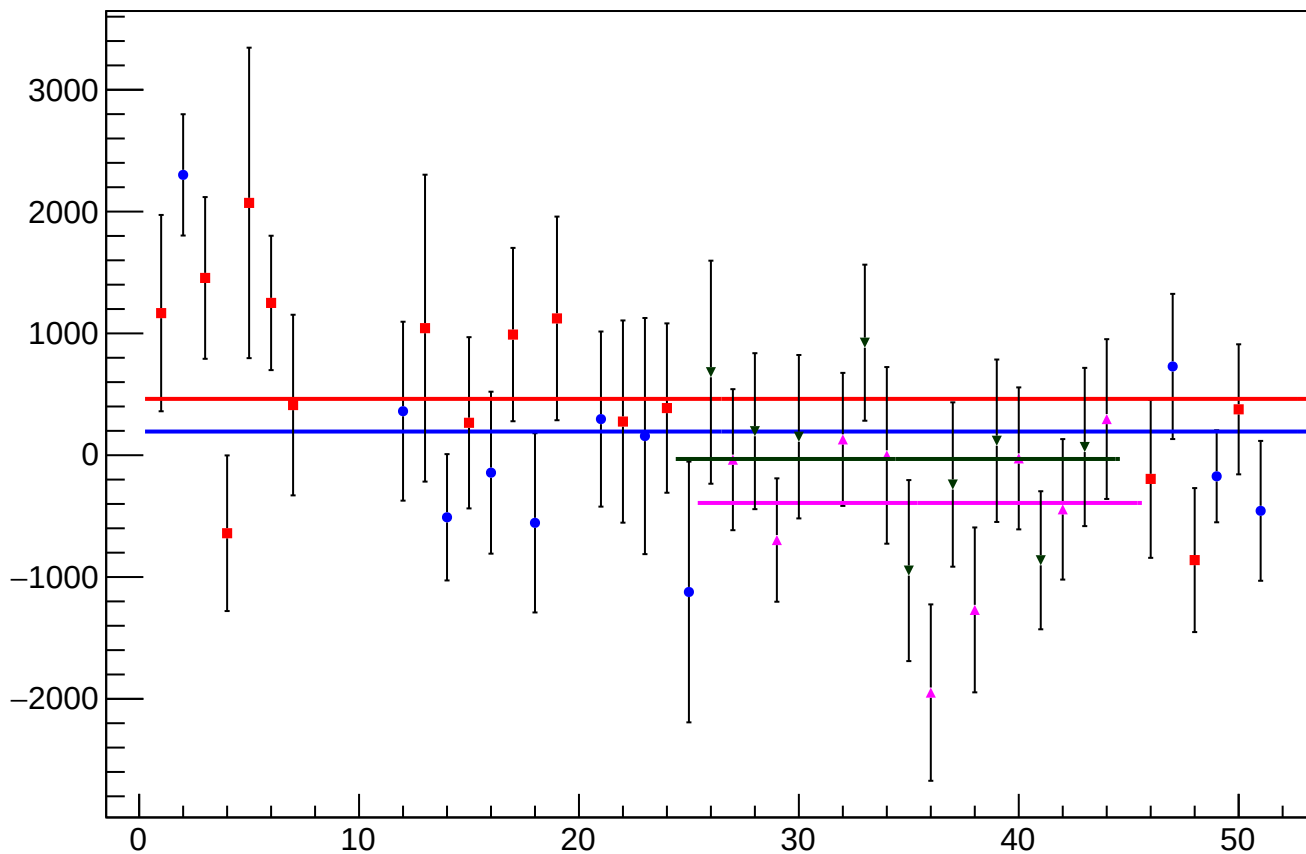
Left Out: 92.784+/-0.030 χ^2 /NDF: 926.8/8

95.024+/-0.014 χ^2 /NDF: 132682.4/43

Right Out: 97.727+/-0.027 χ^2 /NDF: 75080.8/14

Left In: 93.688+/-0.028 χ^2 /NDF: 6103.0/8

asym_us_dd_correction_mean vs slug



Right In: 194.386 $\pm$ 181.201 χ^2 /NDF: 25.7/10

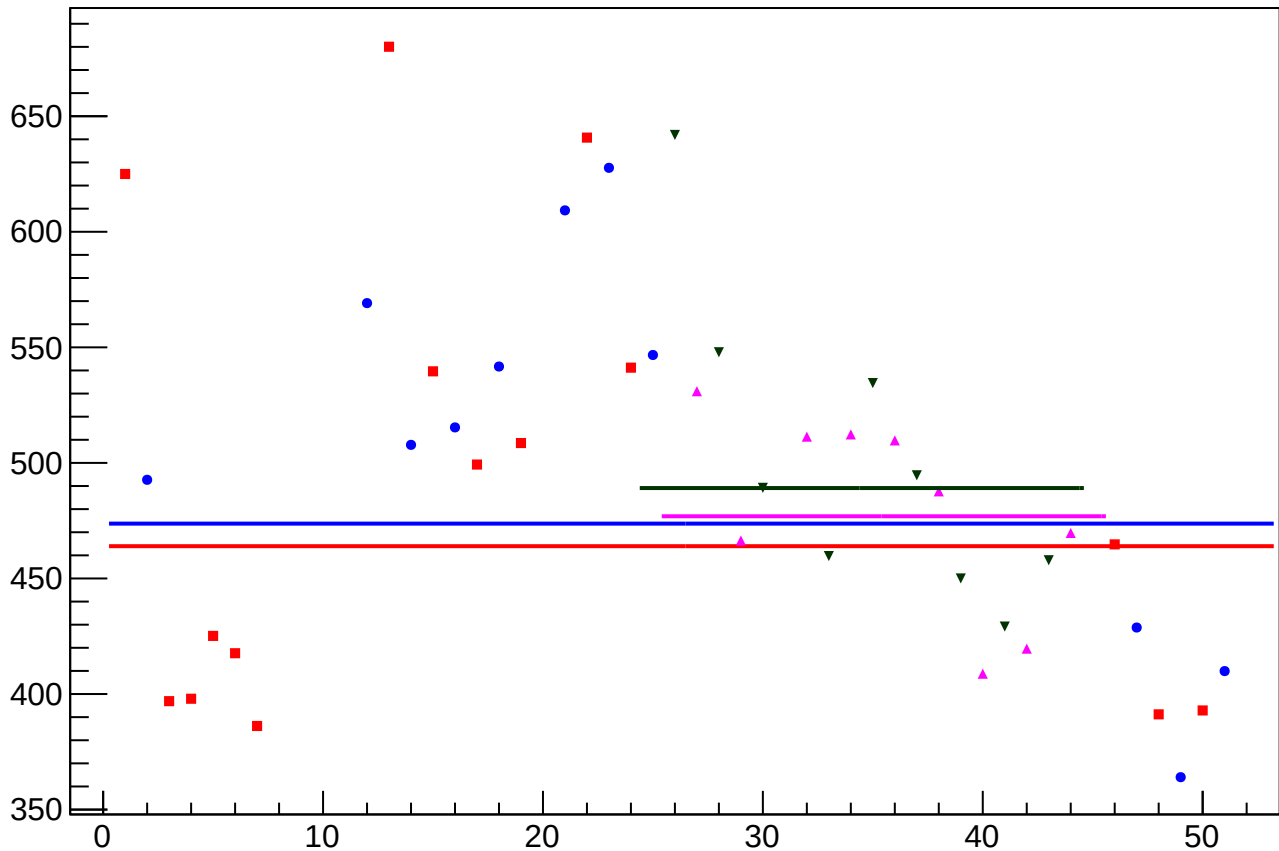
Left Out: -30.846 $\pm$ 223.404 χ^2 /NDF: 6.9/8

Right Out: 462.451 $\pm$ 181.611 χ^2 /NDF: 17.2/14

Left In: -391.795 $\pm$ 202.006 χ^2 /NDF: 9.8/8

92.312 $\pm$ 97.443 χ^2 /NDF: 70.0/43

asym_us_dd_correction_rms vs slug



Right In: 473.733+/-0.128 χ^2/NDF : 406012.5/10

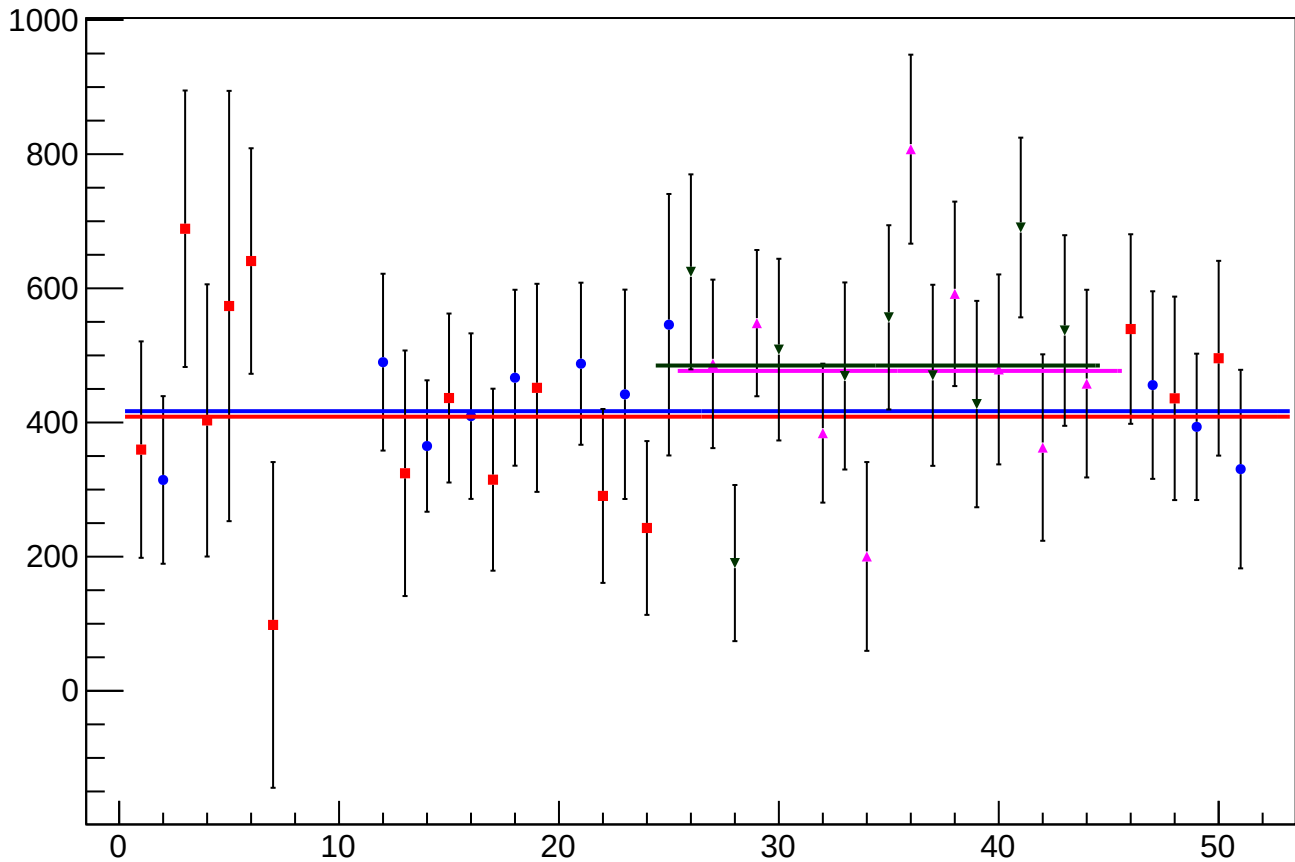
Left Out: 489.117+/-0.158 χ^2/NDF : 118259.2/8

474.588+/-0.069 χ^2/NDF : 1056321.5/43

Right Out: 463.966+/-0.128 χ^2/NDF : 433459.8/14

Left In: 476.913+/-0.143 χ^2/NDF : 82979.4/8

reg_asym_ds_avg_mean vs slug



Right In: 416.874 $\pm$ 38.737 χ^2 /NDF: 2.7/10

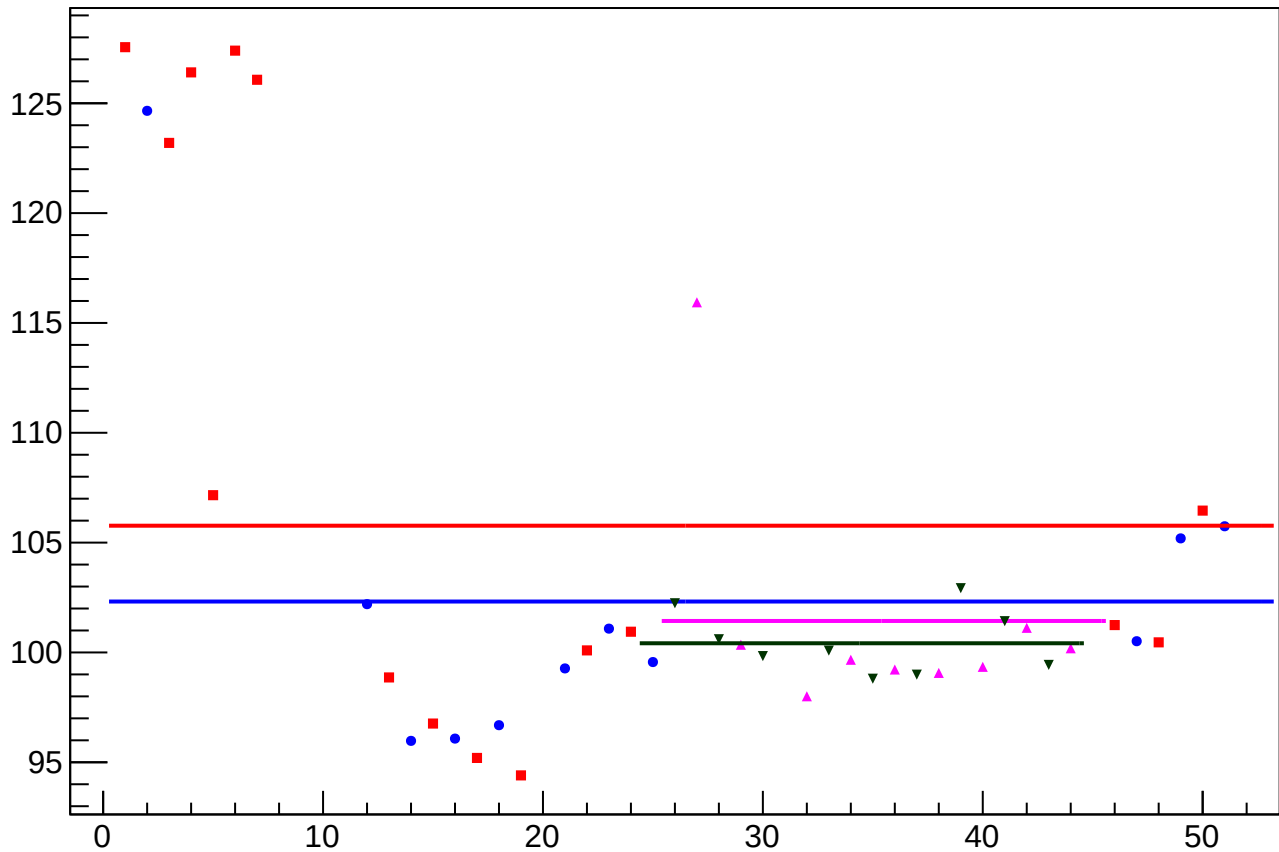
Left Out: 484.931 $\pm$ 45.520 χ^2 /NDF:10.3/8

Right Out: 408.654 $\pm$ 40.916 χ^2 /NDF: 10.3/14

Left In: 476.911 $\pm$ 42.742 χ^2 /NDF:12.0/8

443.380 $\pm$ 20.880 χ^2 /NDF: 37.9/43

reg_asym_ds_avg_rms vs slug



Right In: 102.318+/-0.027 χ^2/NDF : 85715.8/10

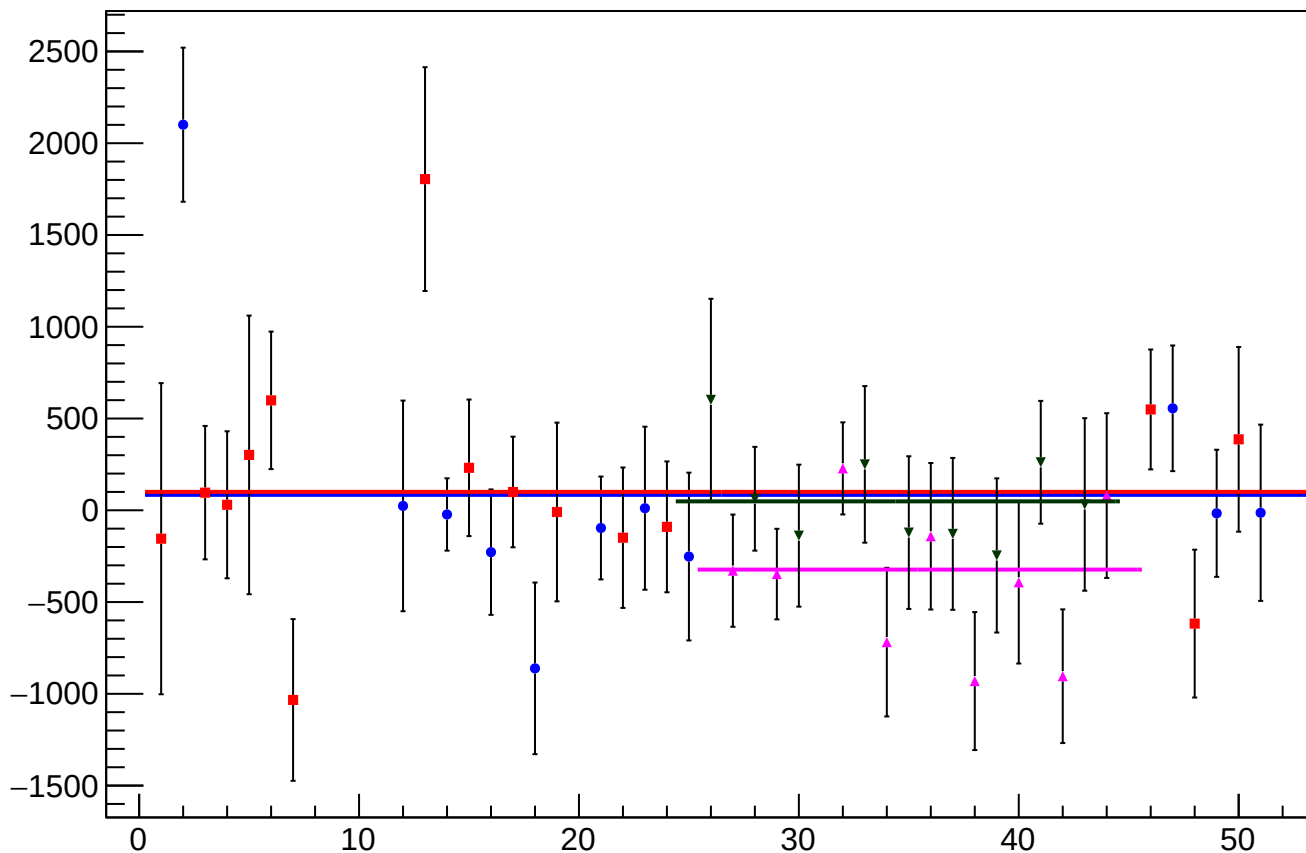
Left Out: 100.418+/-0.032 χ^2/NDF : 1608.4/8

102.606+/-0.015 χ^2/NDF : 302309.2/43

Right Out: 105.770+/-0.029 χ^2/NDF : 165706.3/14

Left In: 101.433+/-0.030 χ^2/NDF : 31082.9/8

asym_ds_avg_correction_mean vs slug



Right In: 84.102+/-104.606 χ^2/NDF : 31.3/10

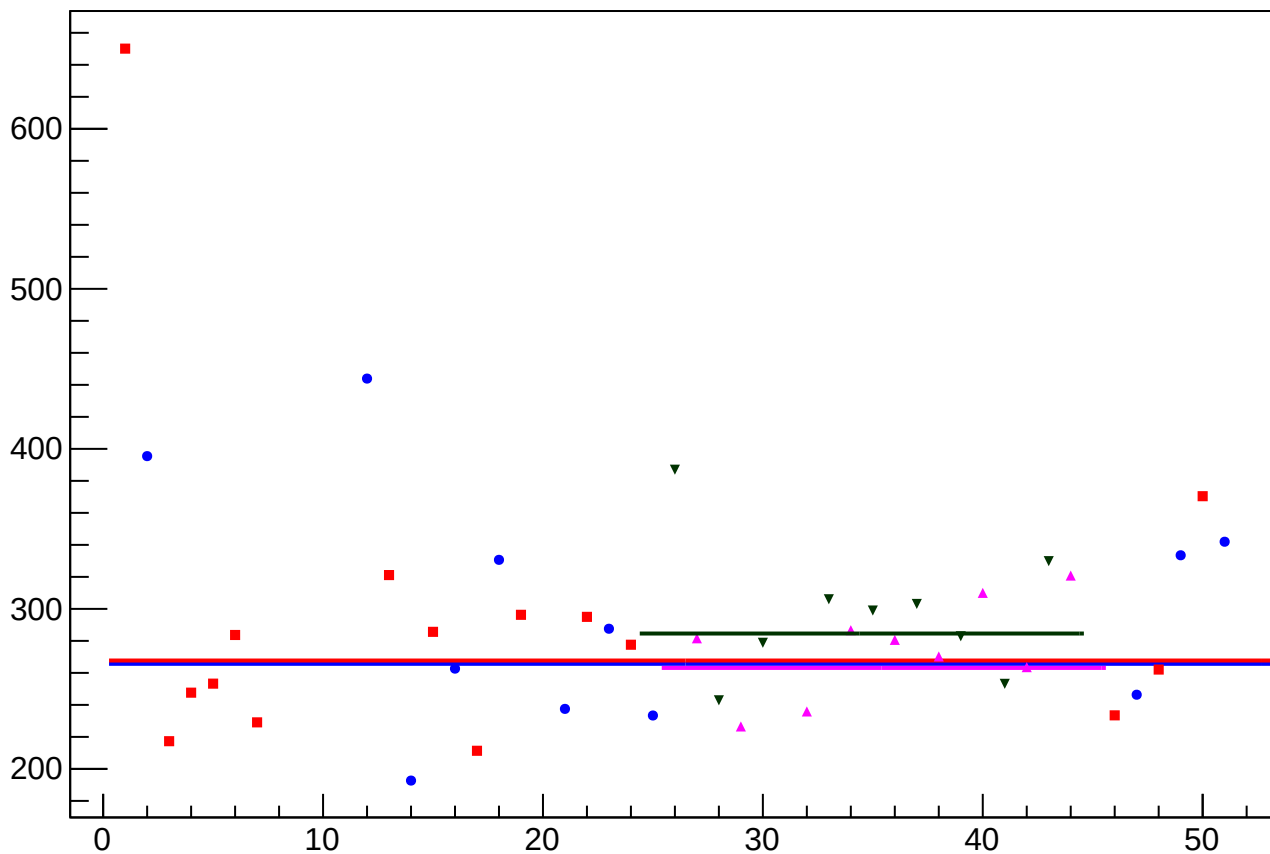
Left Out: 48.612+/-130.479 χ^2/NDF : 2.7/8

Right Out: 100.394+/-106.265 χ^2/NDF : 22.7/14

Left In: -323.204+/-111.749 χ^2/NDF : 12.0/8

-20.235+/-56.010 χ^2/NDF : 78.6/43

asym_ds_avg_correction_rms vs slug



Right In: 265.672+/-0.074 χ^2/NDF : 865688.9/10

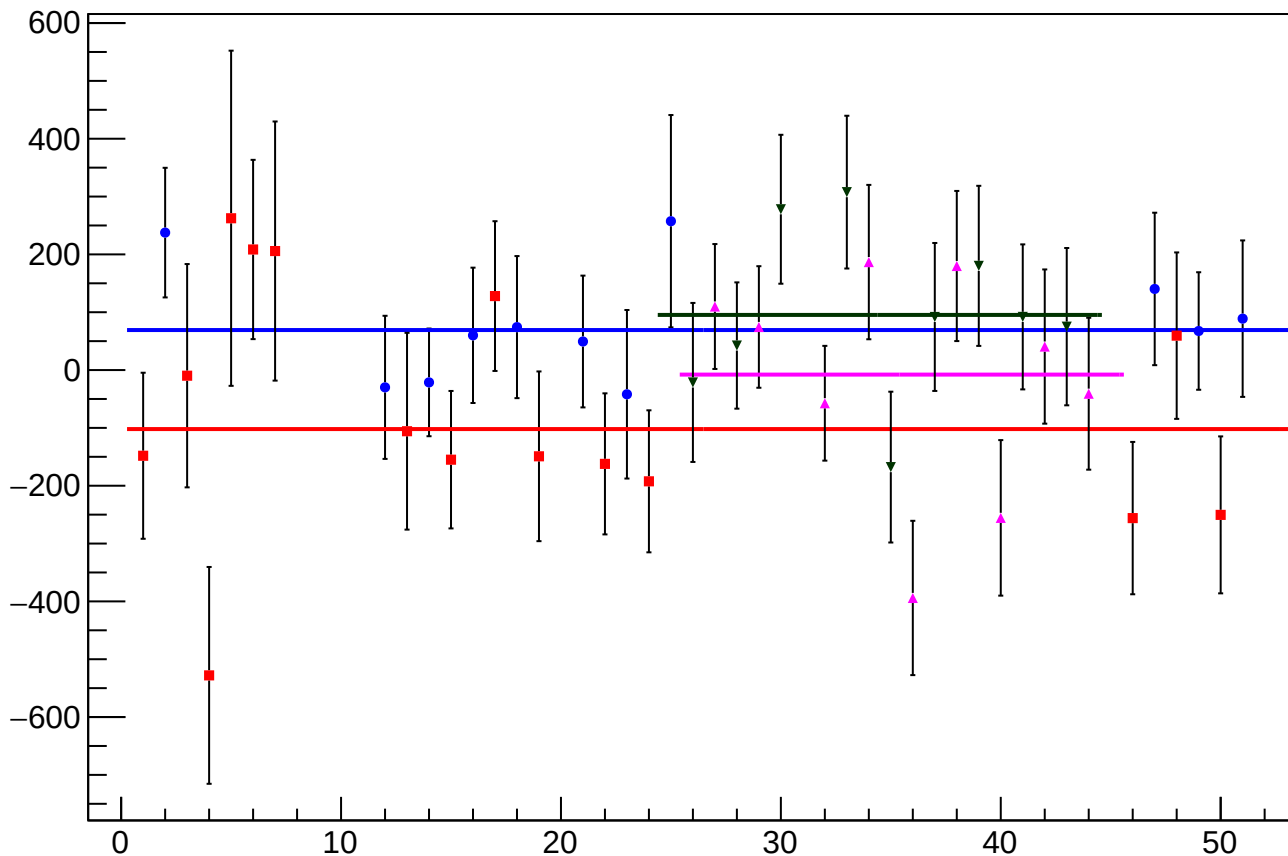
Left Out: 284.597+/-0.092 χ^2/NDF :160790.3/8

Right Out: 267.733+/-0.075 χ^2/NDF : 684748.1/14

Left In: 263.096+/-0.079 χ^2/NDF :141743.3/8

269.085+/-0.040 χ^2/NDF : 1889437.6/43

reg_asym_ds_dd_mean vs slug



Right In: 69.189 $\pm$ 36.213 χ^2/NDF : 5.8/10

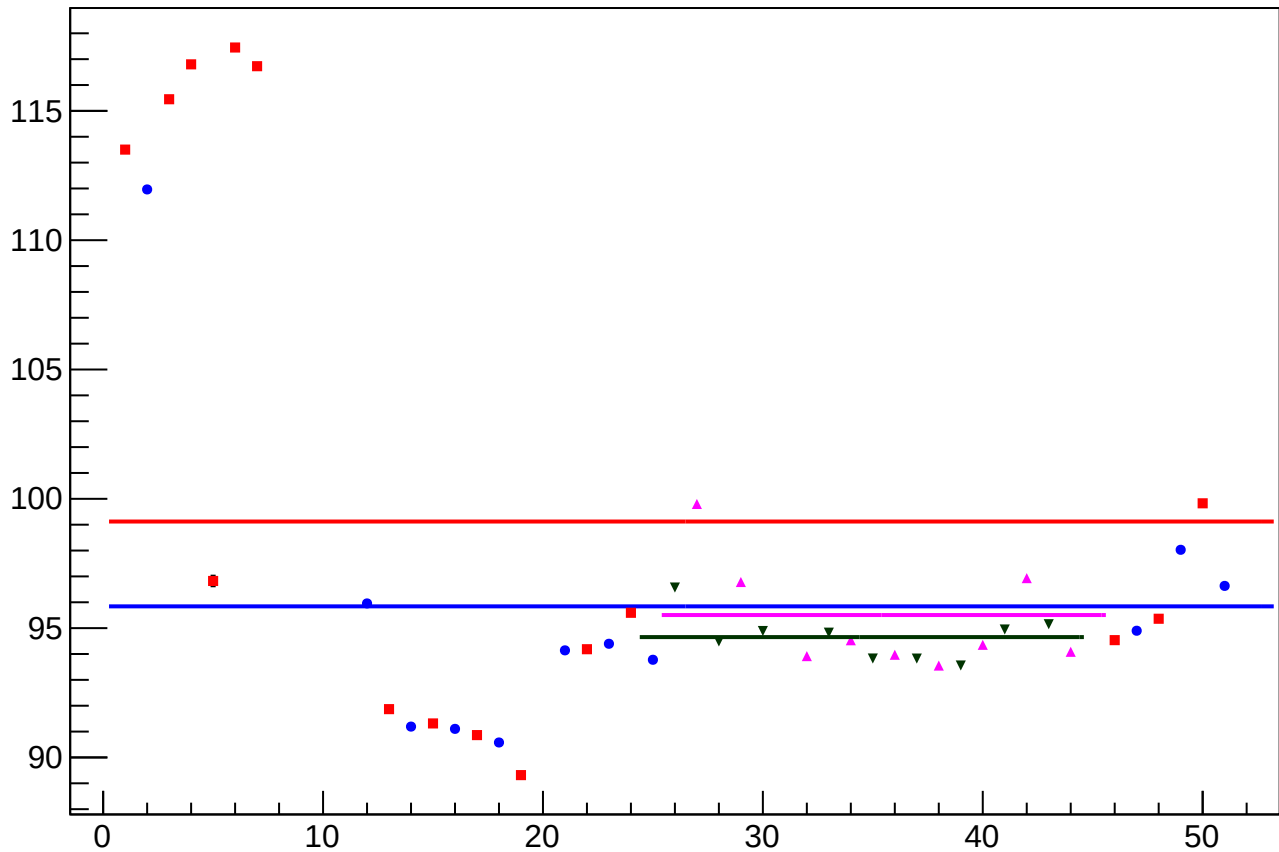
Left Out: 95.335 $\pm$ 42.864 χ^2/NDF : 10.0/8

Right Out: -102.038 $\pm$ 38.277 χ^2/NDF : 21.0/14

Left In: -7.854 $\pm$ 40.192 χ^2/NDF : 18.2/8

11.555 $\pm$ 19.580 χ^2/NDF : 70.5/43

reg_asym_ds_dd_rms vs slug



Right In: 95.842 $\pm$ 0.026 χ^2 /NDF: 55322.0/10

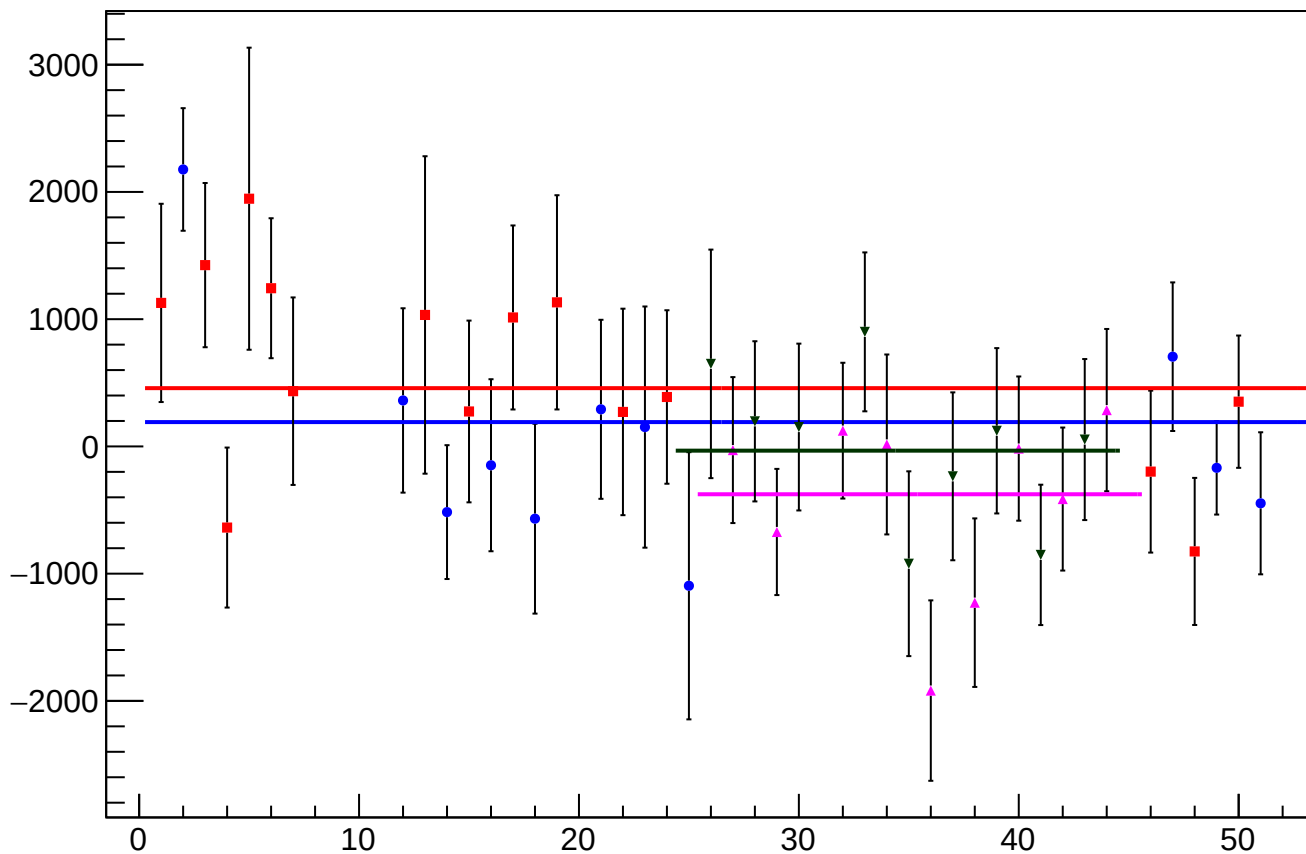
Left Out: 94.654 $\pm$ 0.030 χ^2 /NDF: 732.0/8

Right Out: 99.122 $\pm$ 0.027 χ^2 /NDF: 130716.6/14

Left In: 95.506 $\pm$ 0.028 χ^2 /NDF: 5406.5/8

96.373 $\pm$ 0.014 χ^2 /NDF: 207072.6/43

asym_ds_dd_correction_mean vs slug



Right In: 191.247 $\pm$ 178.427 χ^2 /NDF: 24.7/10

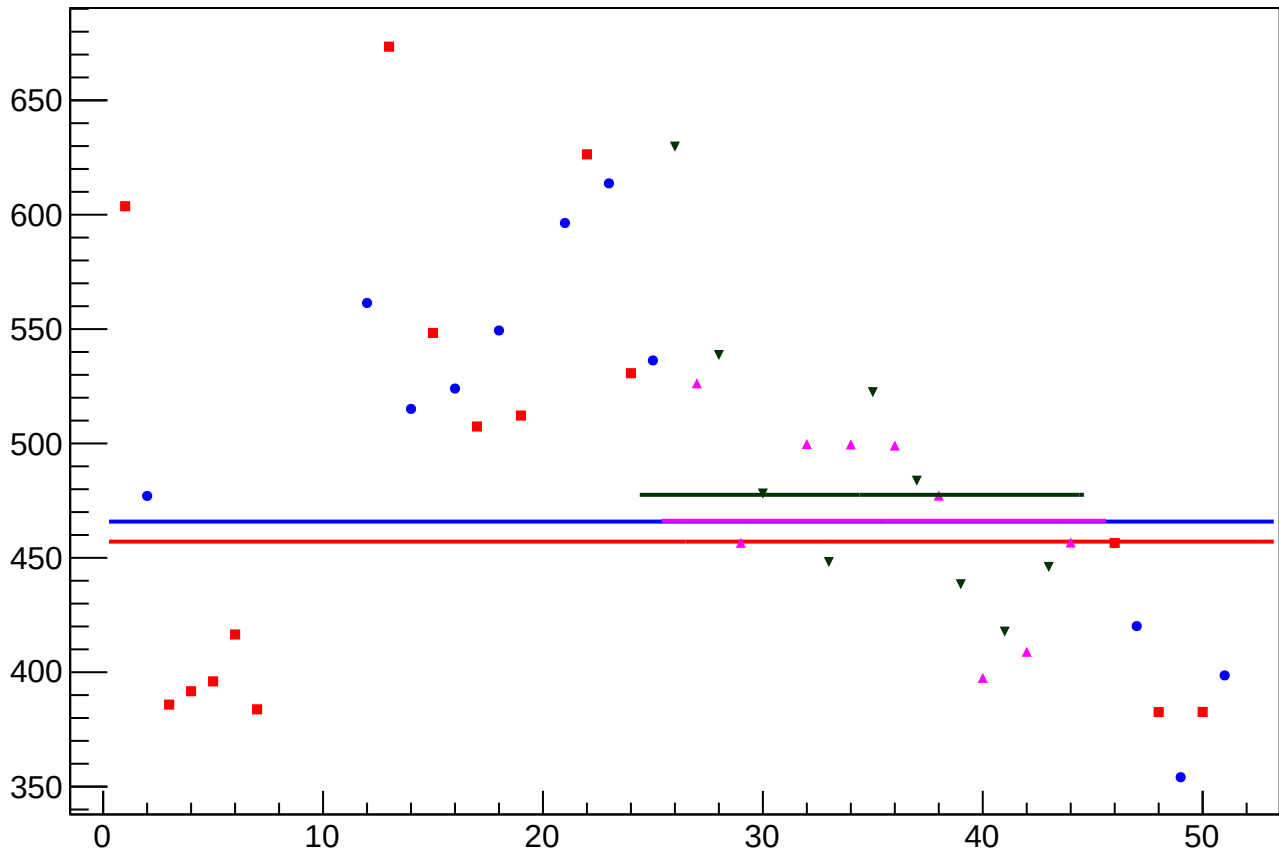
Left Out: -33.276 $\pm$ 218.199 χ^2 /NDF: 6.9/8

Right Out: 457.929 $\pm$ 179.039 χ^2 /NDF: 17.2/14

Left In: -375.947 $\pm$ 197.534 χ^2 /NDF: 9.8/8

91.169 $\pm$ 95.678 χ^2 /NDF: 69.1/43

asym_ds_dd_correction_rms vs slug



Right In: 465.857 $\pm$ 0.126 χ^2/NDF : 446210.2/10

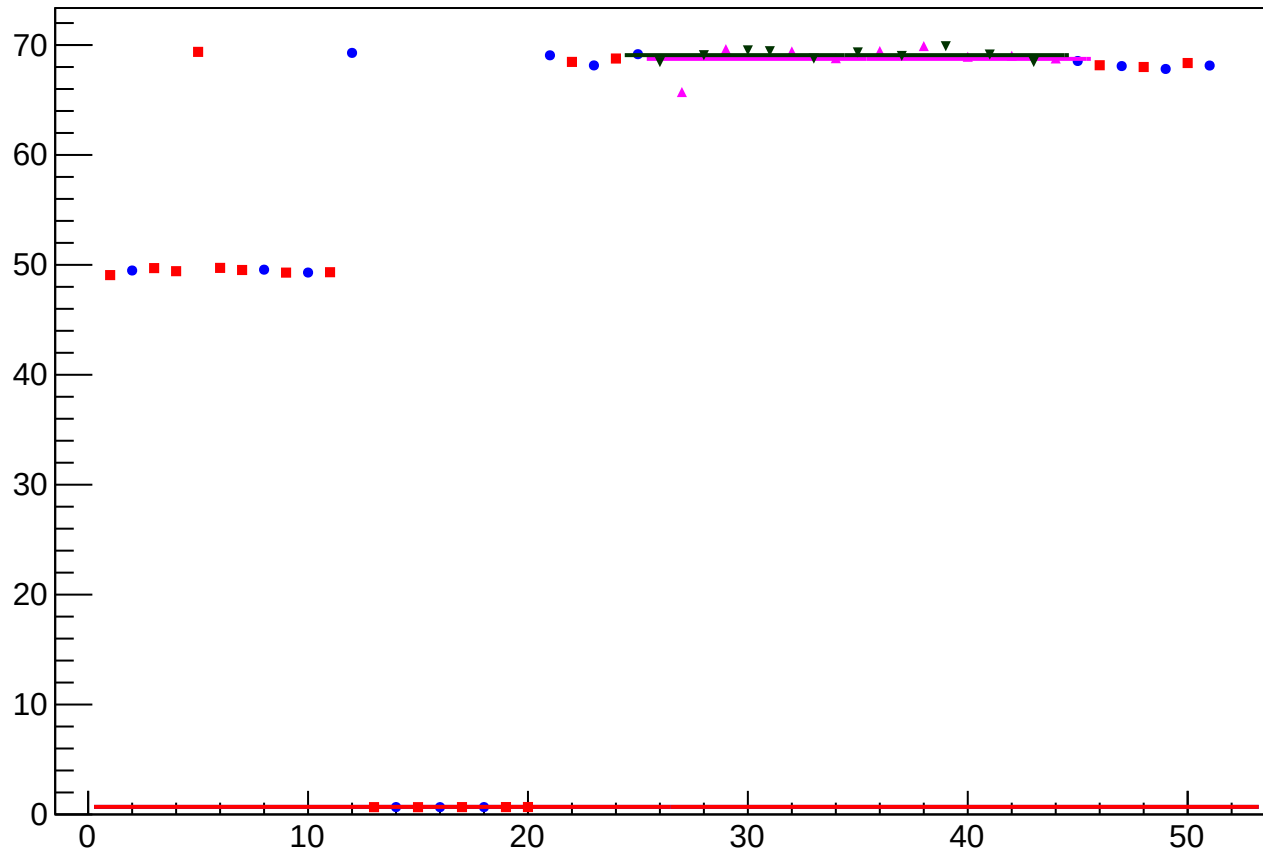
Left Out: 477.560 $\pm$ 0.154 χ^2/NDF :124255.1/8

Right Out: 457.090 $\pm$ 0.127 χ^2/NDF : 448538.0/14

Left In: 466.224 $\pm$ 0.140 χ^2/NDF :90489.4/8

465.689 $\pm$ 0.068 χ^2/NDF : 1120041.6/43

yield_bcm_an_ds_mean vs slug



Right In: 0.687+/-0.000 χ^2/NDF : 859796200085.2/13

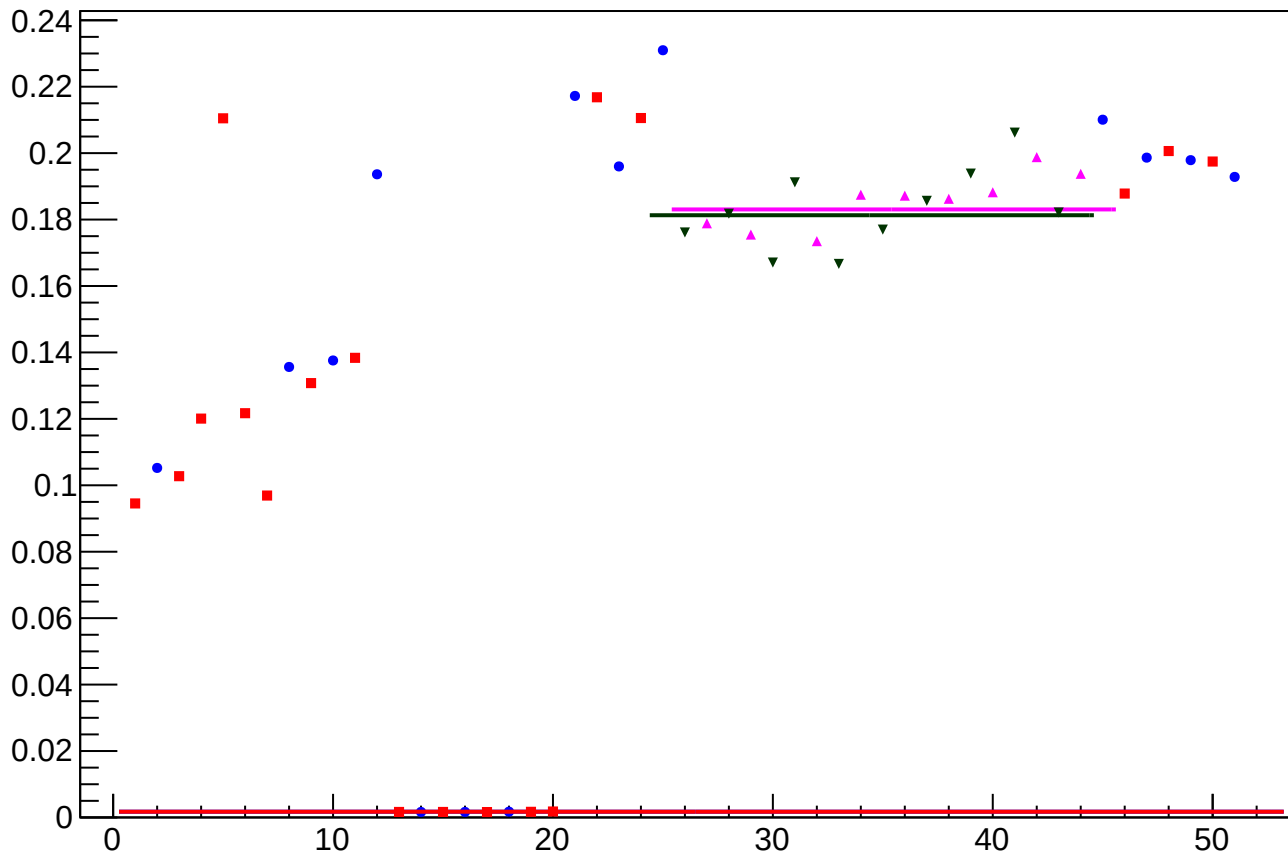
Left Out: 69.080+/-0.000 χ^2/NDF : 27261217.3/9

0.703+/-0.000 χ^2/NDF : 3204239422833.4/50

Right Out: 0.690+/-0.000 χ^2/NDF : 879121747194.7/17

Left In: 68.740+/-0.000 χ^2/NDF : 294554053.4/8

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 13171373.8/13

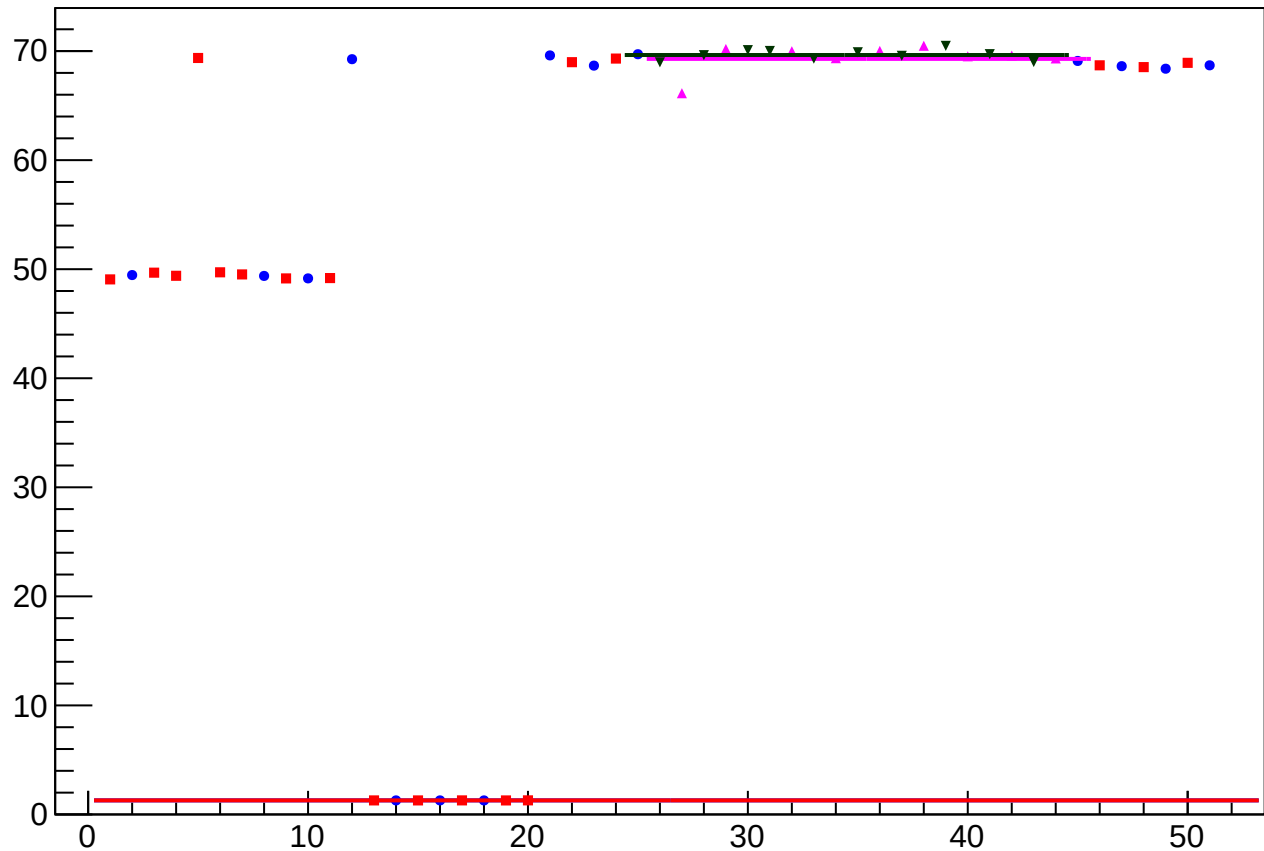
Left Out: 0.181+/-0.000 χ^2/NDF : 38932.5/9

0.002+/-0.000 χ^2/NDF : 45396690.2/50

Right Out: 0.002+/-0.000 χ^2/NDF : 11658603.0/17

Left In: 0.183+/-0.000 χ^2/NDF : 20510.8/8

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 846337535080.8/13

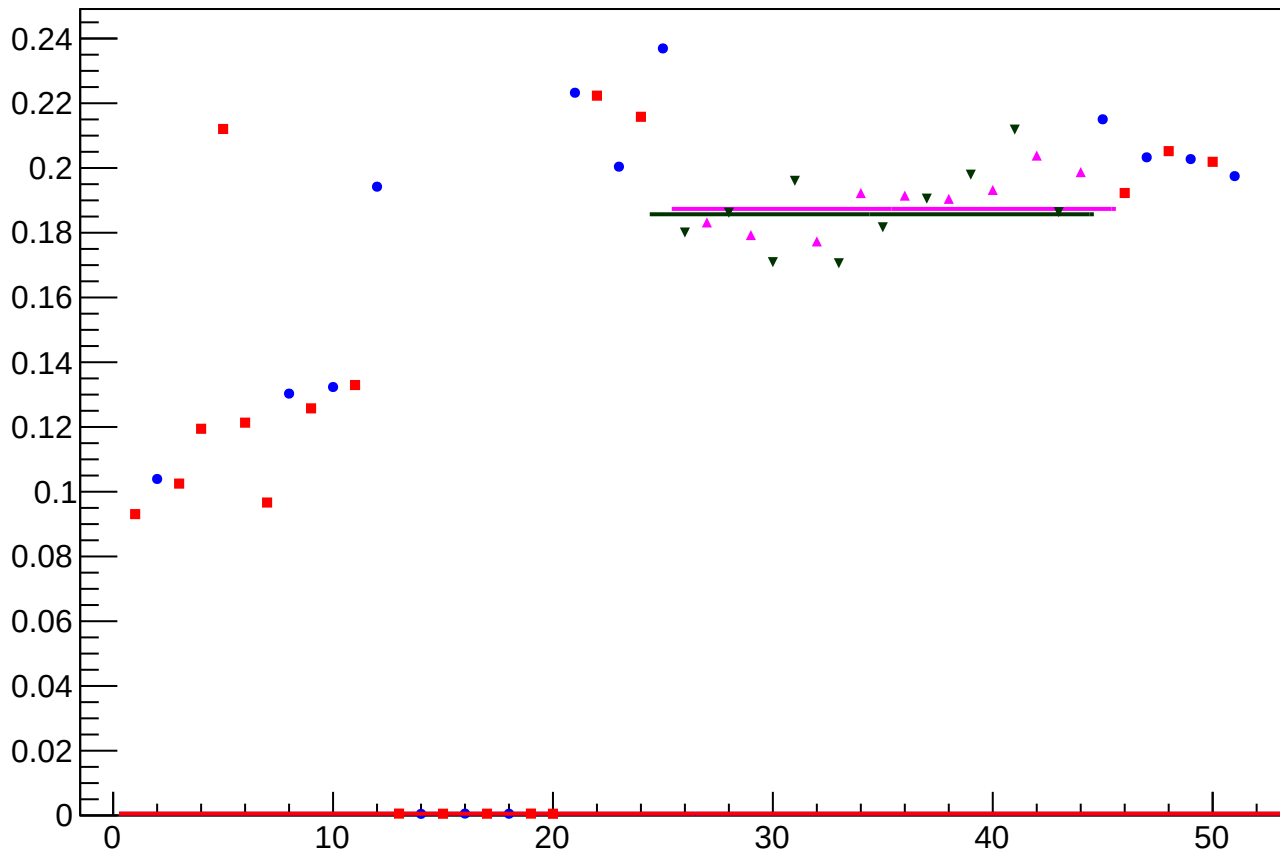
Left Out: 69.640+/-0.000 χ^2/NDF : 28182710.7/9

Right Out: 1.291+/-0.000 χ^2/NDF : 868844054306.6/17

1.293+/-0.000 χ^2/NDF : 3110675769869.7/50

Left In: 69.283+/-0.000 χ^2/NDF : 304584530.1/8

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 13376898.6/13

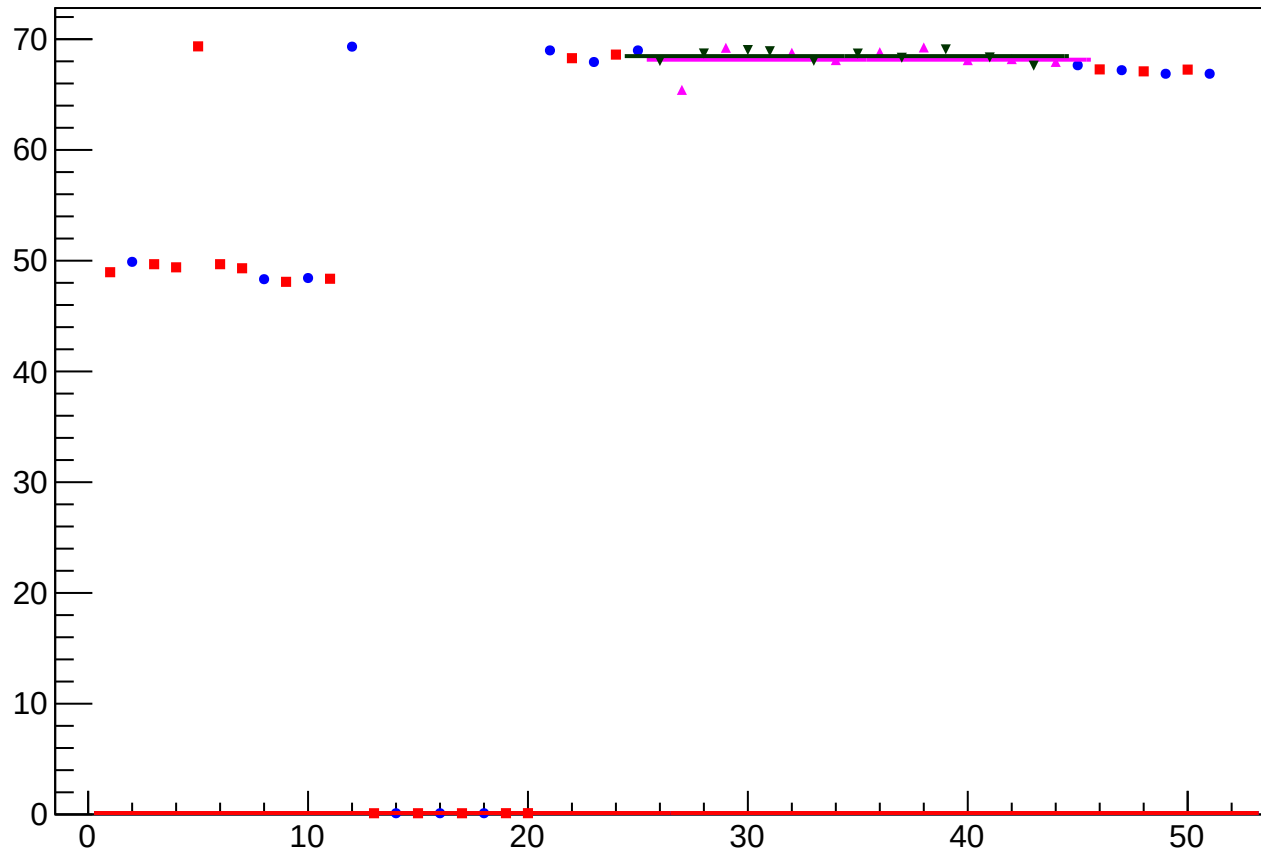
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.6/9

Right Out: 0.001+/-0.000 χ^2/NDF : 11843148.1/17

Left In: 0.187+/-0.000 χ^2/NDF : 21692.5/8

0.001+/-0.000 χ^2/NDF : 46066689.4/50

yield_bcm_an_us_mean vs slug



Right In: 0.125+/-0.000 χ^2/NDF : 863486554856.7/13

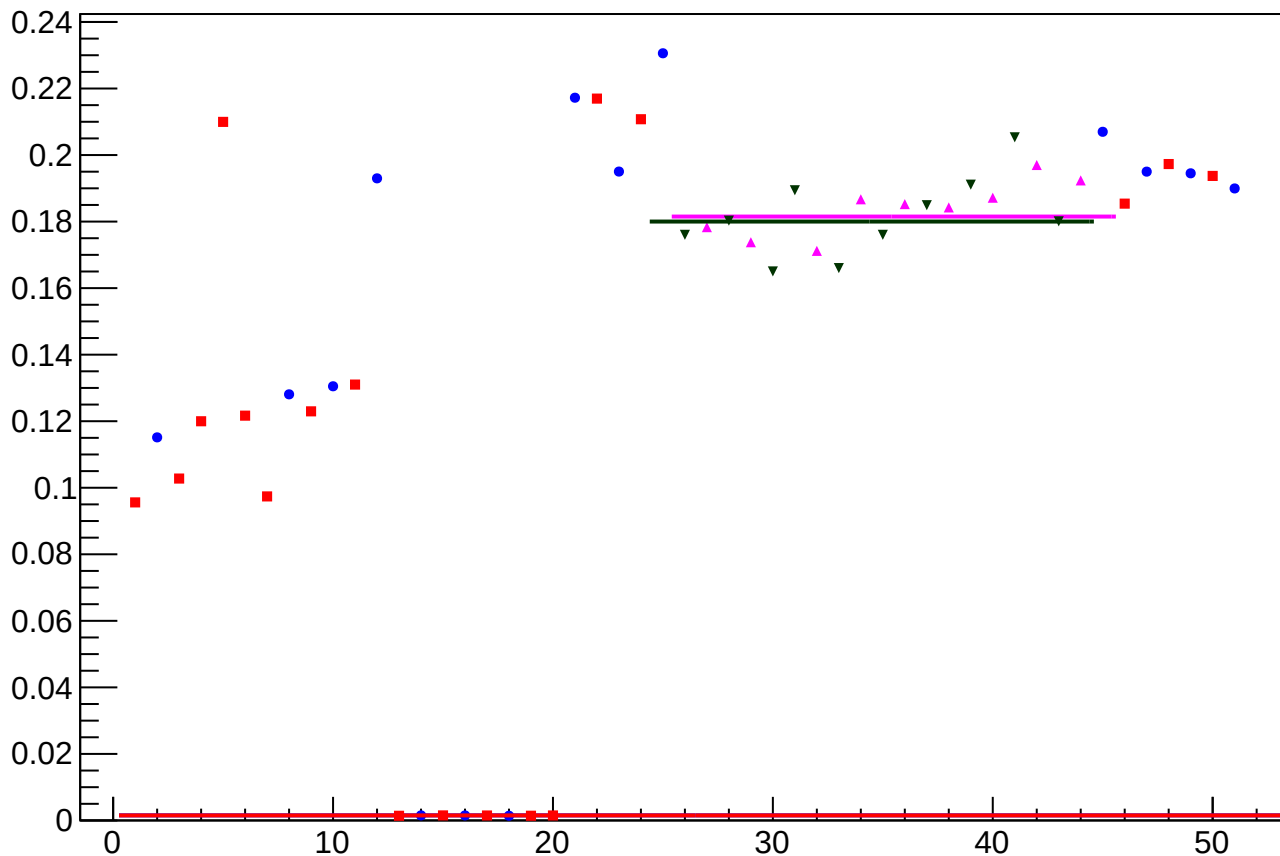
Left Out: 68.471+/-0.000 χ^2/NDF : 31933437.0/9

0.138+/-0.000 χ^2/NDF : 3255205741309.2/50

Right Out: 0.129+/-0.000 χ^2/NDF : 906525842235.5/17

Left In: 68.148+/-0.000 χ^2/NDF : 258142486.6/8

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 13178405.0/13

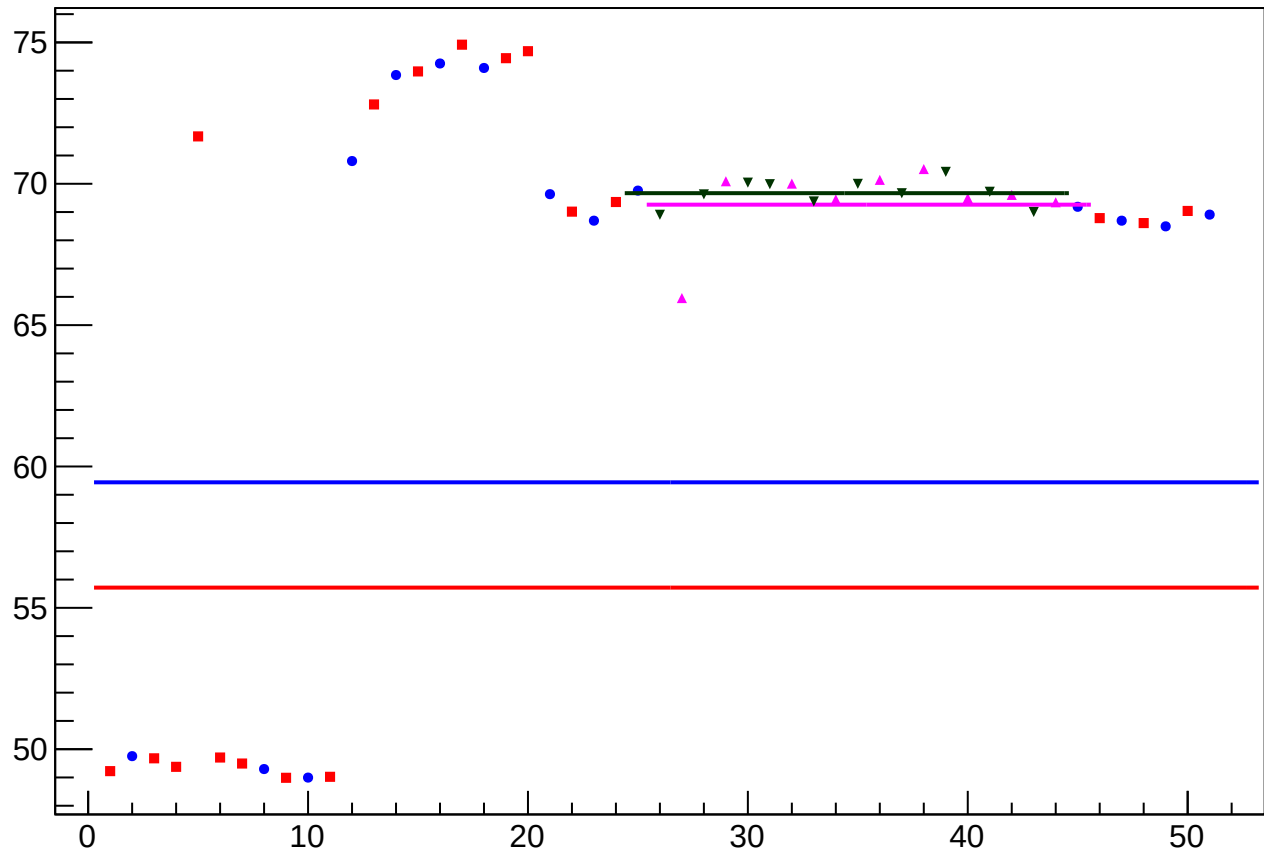
Left Out: 0.180+/-0.000 χ^2/NDF : 38902.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 11686993.4/17

Left In: 0.182+/-0.000 χ^2/NDF : 21603.7/8

0.002+/-0.000 χ^2/NDF : 45457640.6/50

yield_bcm_dg_us_mean vs slug



Right In: 59.440 $\pm$ 0.000 χ^2/NDF : 33788810036.9/13

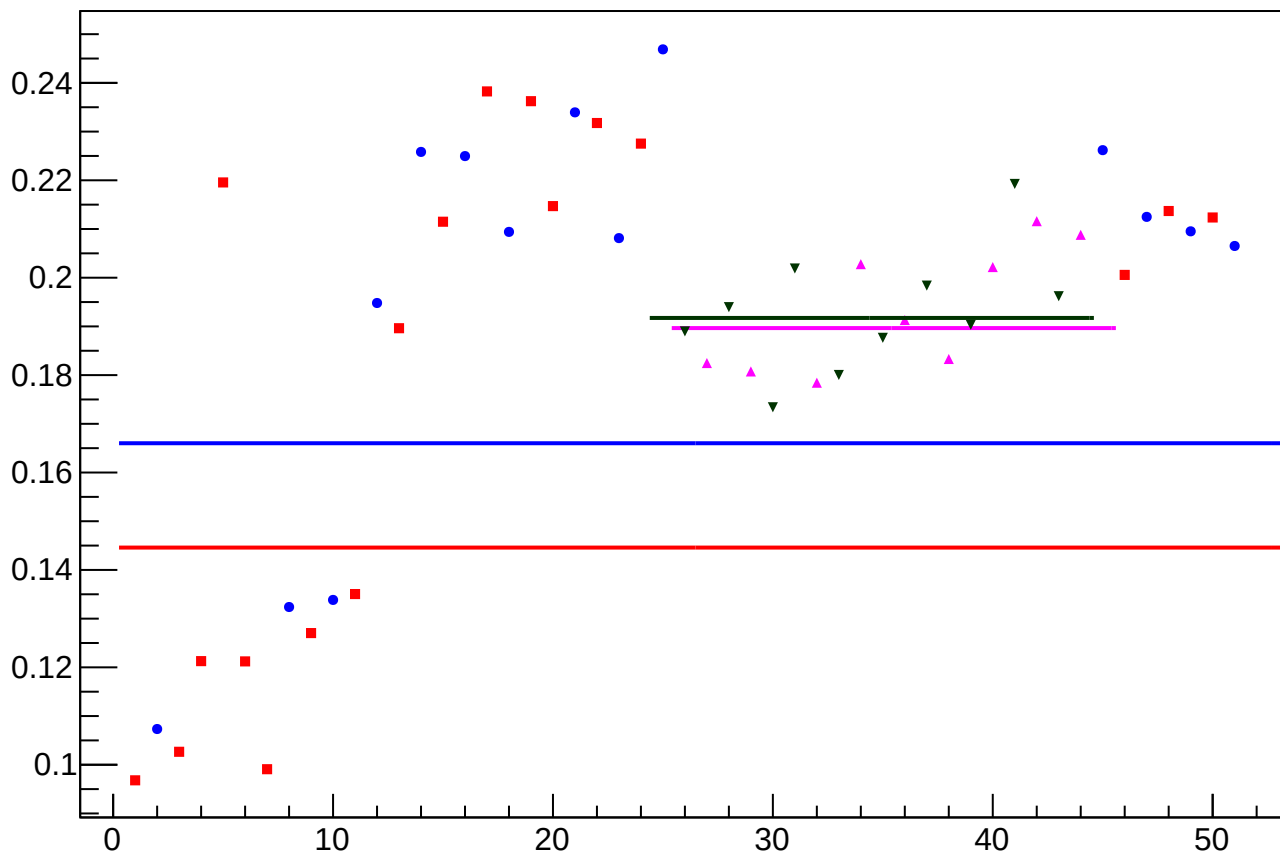
Left Out: 69.668 $\pm$ 0.000 χ^2/NDF : 26498235.4/9

Right Out: 55.716 $\pm$ 0.000 χ^2/NDF : 35041088052.6/17

Left In: 69.261 $\pm$ 0.000 χ^2/NDF : 334102437.8/8

61.159 $\pm$ 0.000 χ^2/NDF : 100050797205.9/50

yield_bcm_dg_us_rms vs slug



Right In: 0.166+/-0.000 χ^2/NDF : 1390371.6/13

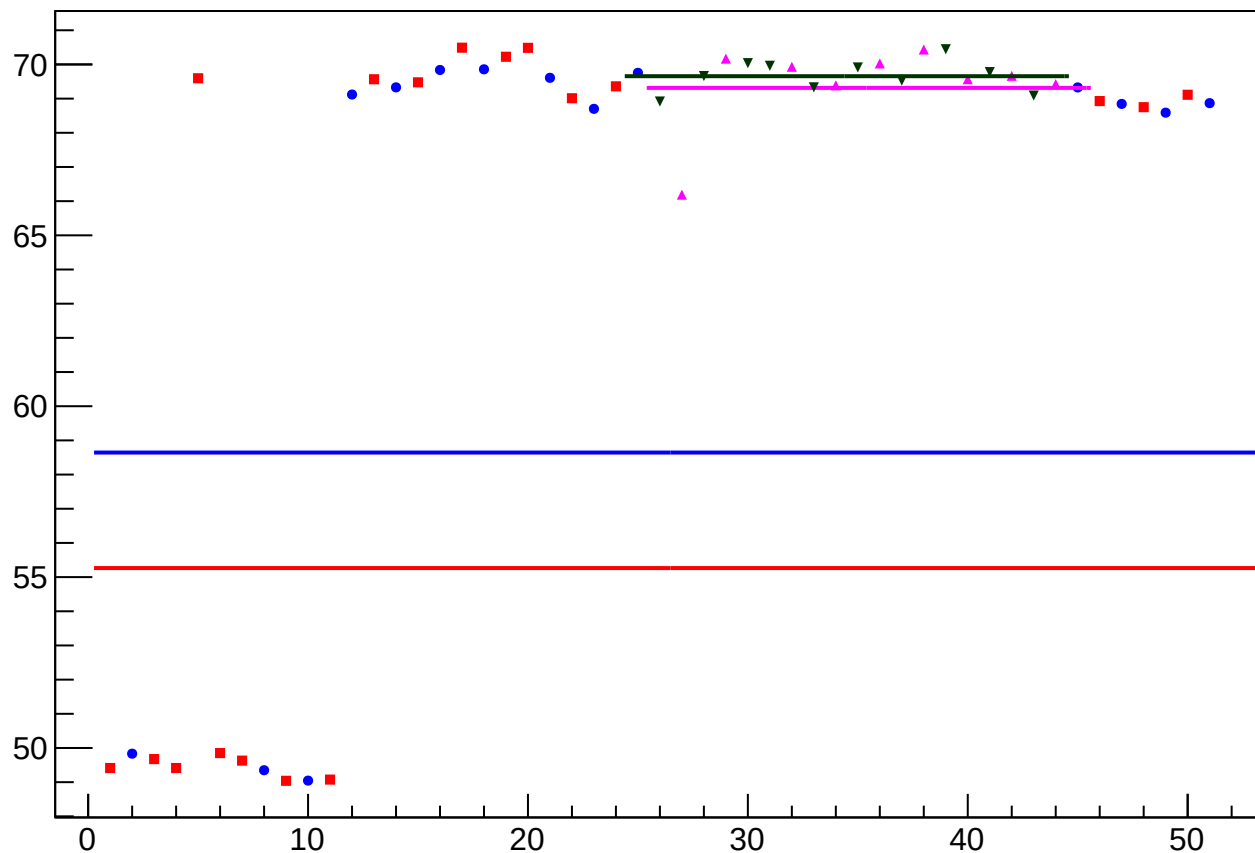
Left Out: 0.192+/-0.000 χ^2/NDF : 37638.8/9

Right Out: 0.145+/-0.000 χ^2/NDF : 1633880.7/17

Left In: 0.190+/-0.000 χ^2/NDF : 41545.9/8

0.166+/-0.000 χ^2/NDF : 3768997.6/50

yield_bcm_dg_ds_mean vs slug



Right In: 58.645+/-0.000 χ^2/NDF : 29894995107.2/13

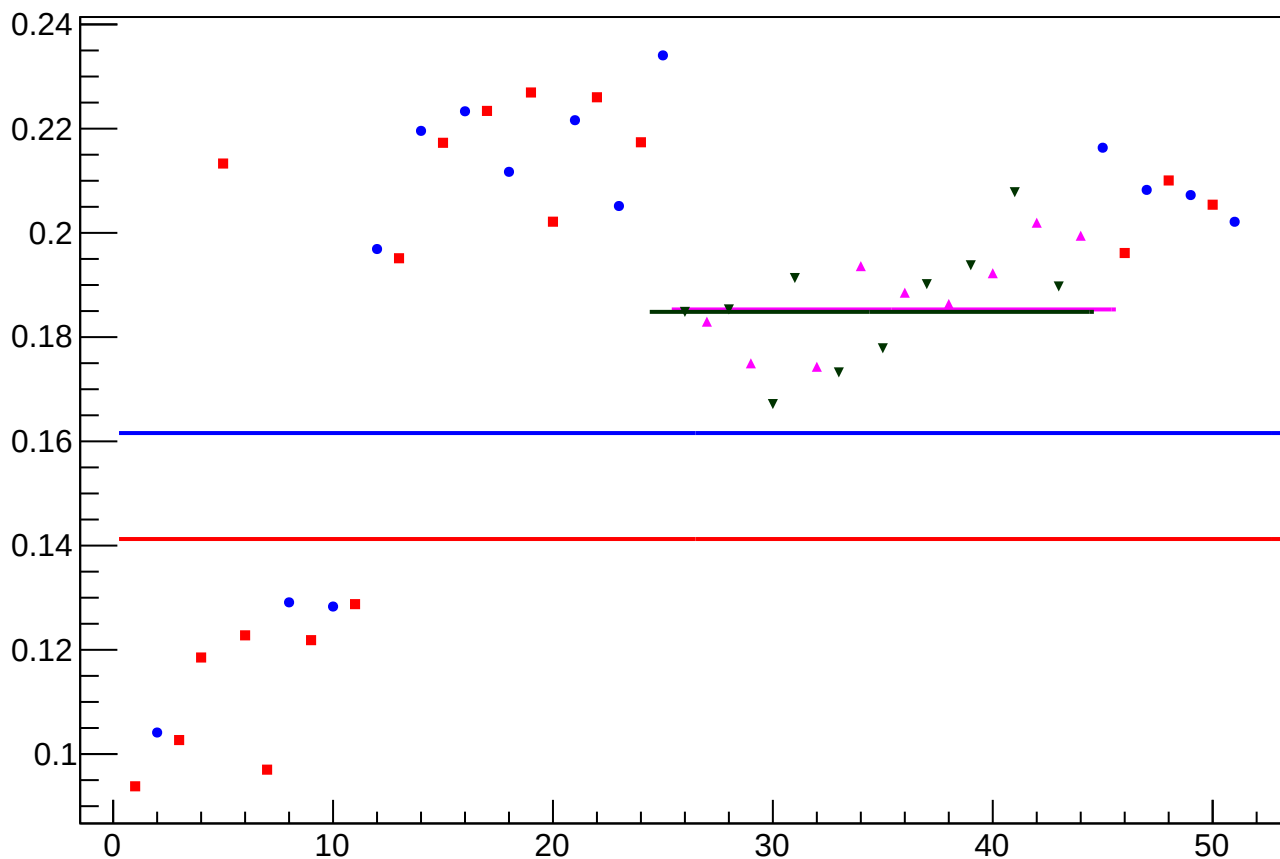
Left Out: 69.656+/-0.000 χ^2/NDF : 26123075.2/9

Right Out: 55.264+/-0.000 χ^2/NDF : 30203386185.3/17

Left In: 69.314+/-0.000 χ^2/NDF : 295104986.7/8

60.781+/-0.000 χ^2/NDF : 95930921689.4/50

yield_bcm_dg_ds_rms vs slug



Right In: 0.162+/-0.000 χ^2/NDF : 1435381.6/13

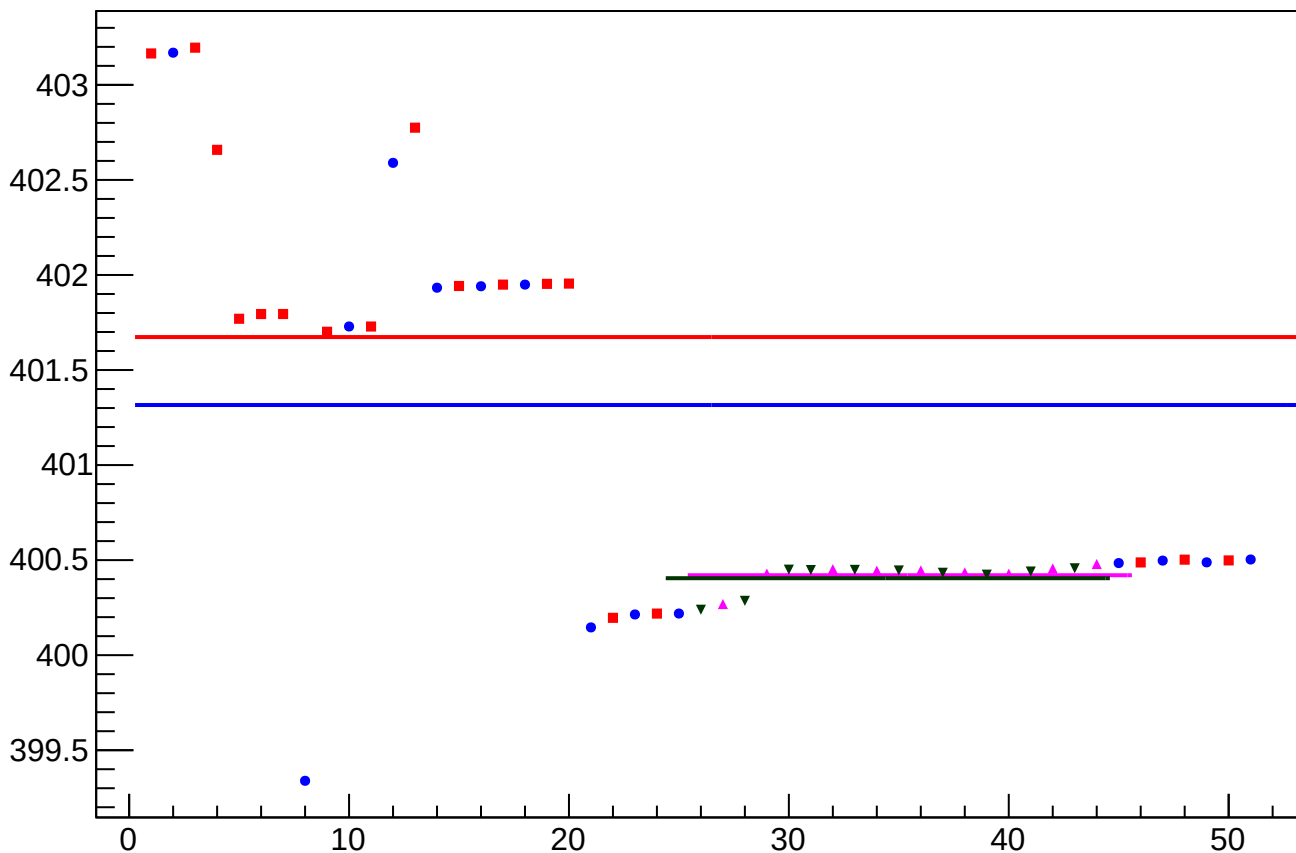
Left Out: 0.185+/-0.000 χ^2/NDF : 35256.7/9

Right Out: 0.141+/-0.000 χ^2/NDF : 1612673.3/17

Left In: 0.185+/-0.000 χ^2/NDF : 27985.7/8

0.161+/-0.000 χ^2/NDF : 3747168.5/50

yield_cav4bQ_mean vs slug



Right In: 401.316+/-0.000 χ^2/NDF : 248792026822.2/13

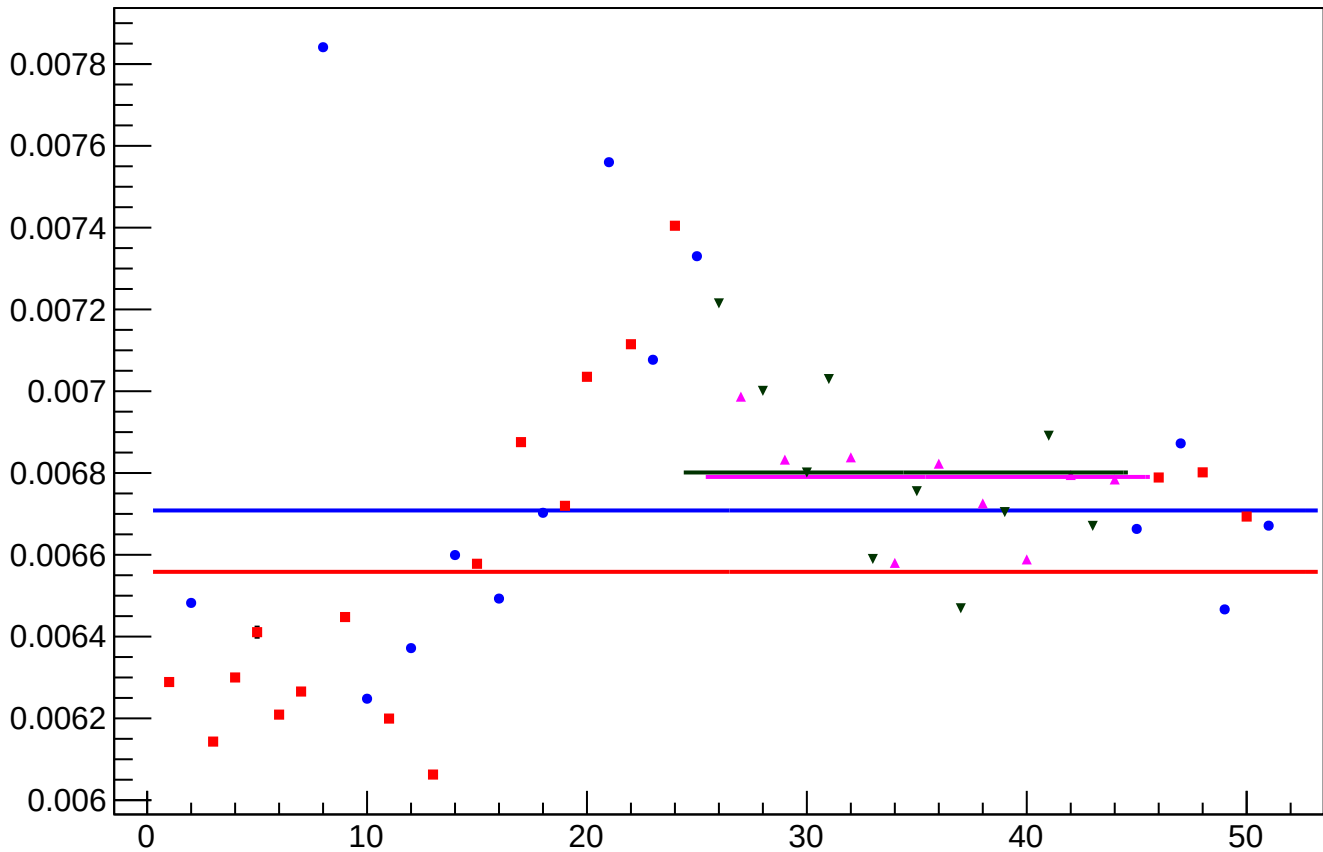
Left Out: 400.405+/-0.000 χ^2/NDF : 614714141.0/9

Right Out: 401.673+/-0.000 χ^2/NDF : 174053229779.7/17

Left In: 400.420+/-0.000 χ^2/NDF : 493848060.8/8

401.094+/-0.000 χ^2/NDF : 610314123432.2/50

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 75422.7/13

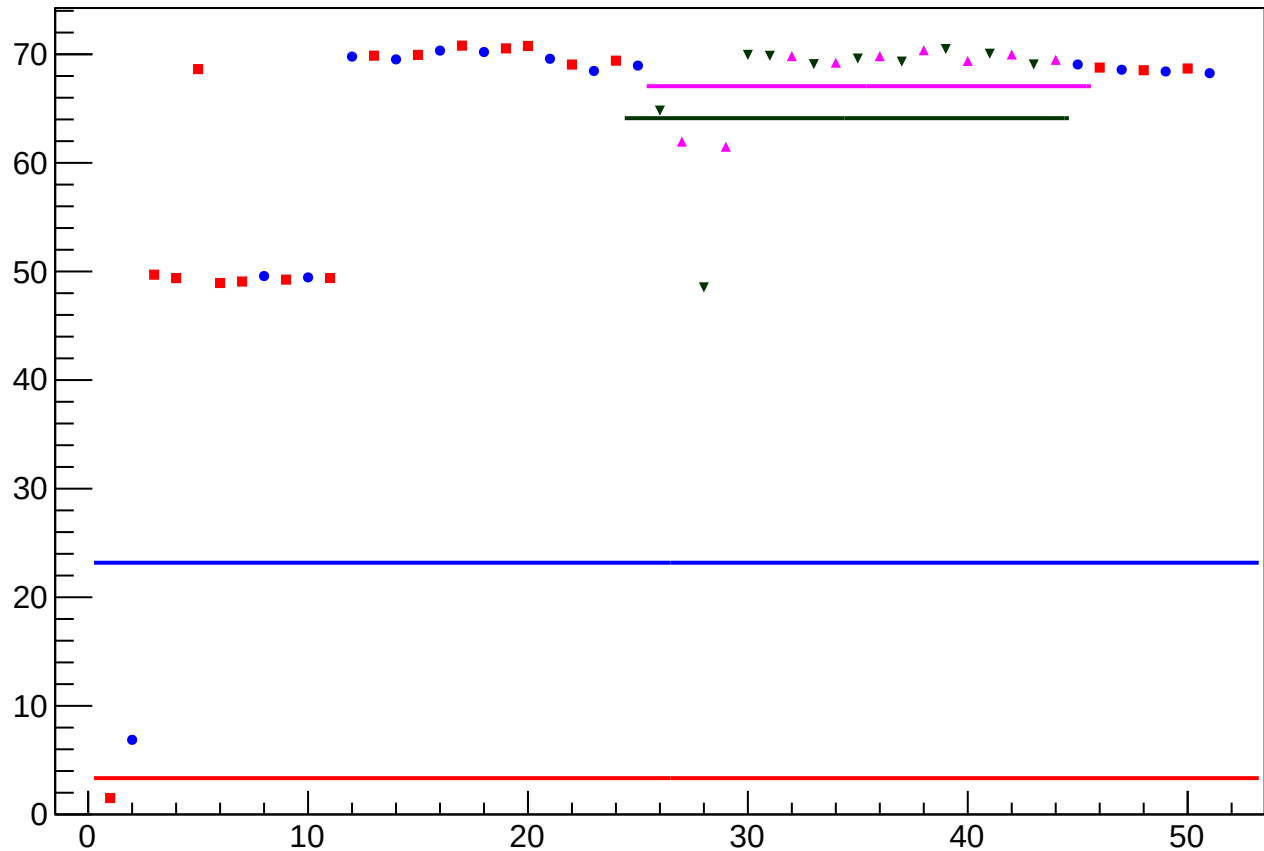
Left Out: 0.007+/-0.000 χ^2/NDF : 9934.2/9

0.007+/-0.000 χ^2/NDF : 153832.1/50

Right Out: 0.007+/-0.000 χ^2/NDF : 52595.4/17

Left In: 0.007+/-0.000 χ^2/NDF : 3569.0/8

yield_cav4cQ_mean vs slug



Right In: 23.180+/-0.000 χ^2/NDF : 372466563529.7/13

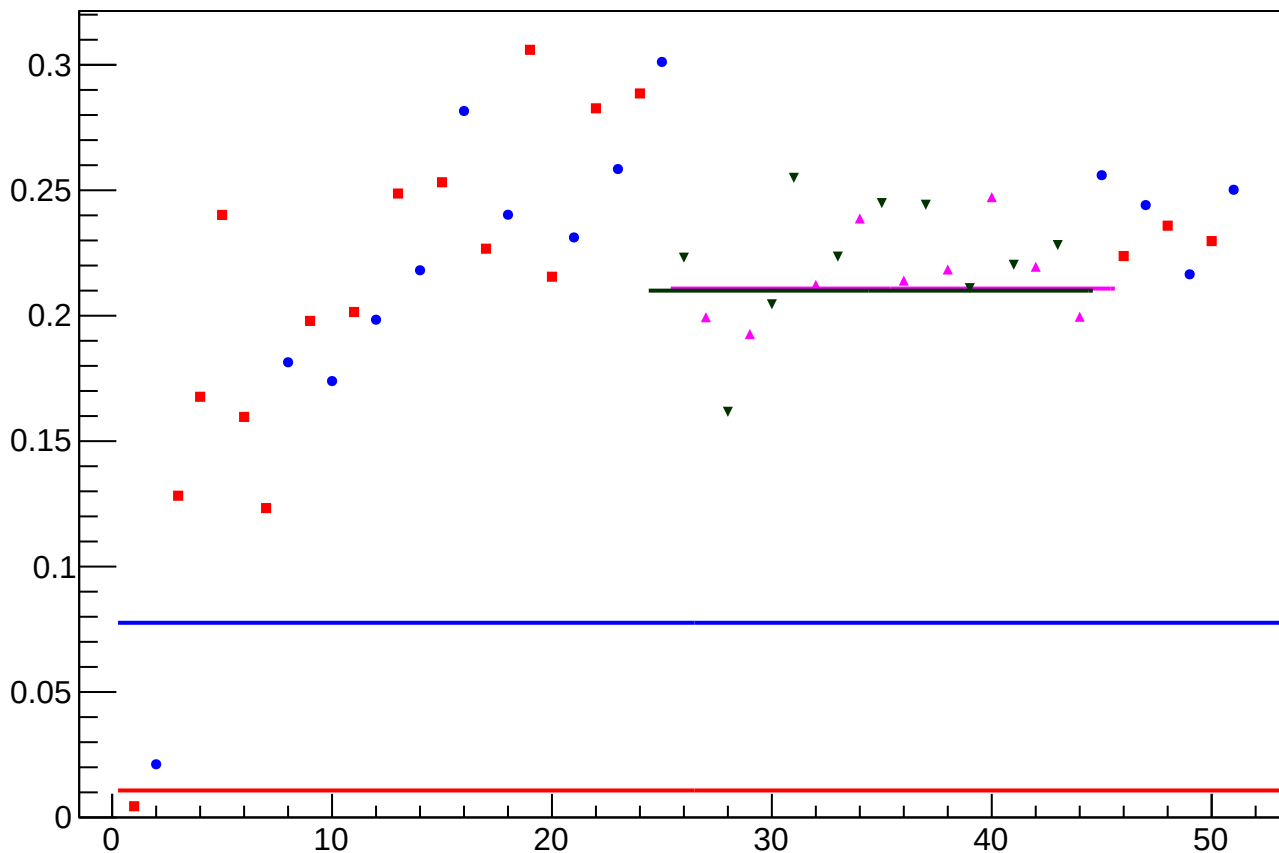
Left Out: 64.116+/-0.000 χ^2/NDF : 8524365591.2/9

7.444+/-0.000 χ^2/NDF : 1890369496241.7/50

Right Out: 3.345+/-0.000 χ^2/NDF : 539786541480.7/17

Left In: 67.060+/-0.000 χ^2/NDF : 1652967372.1/8

yield_cav4cQ_rms vs slug



Right In: 0.078+/-0.000 χ^2/NDF : 8949265.6/13

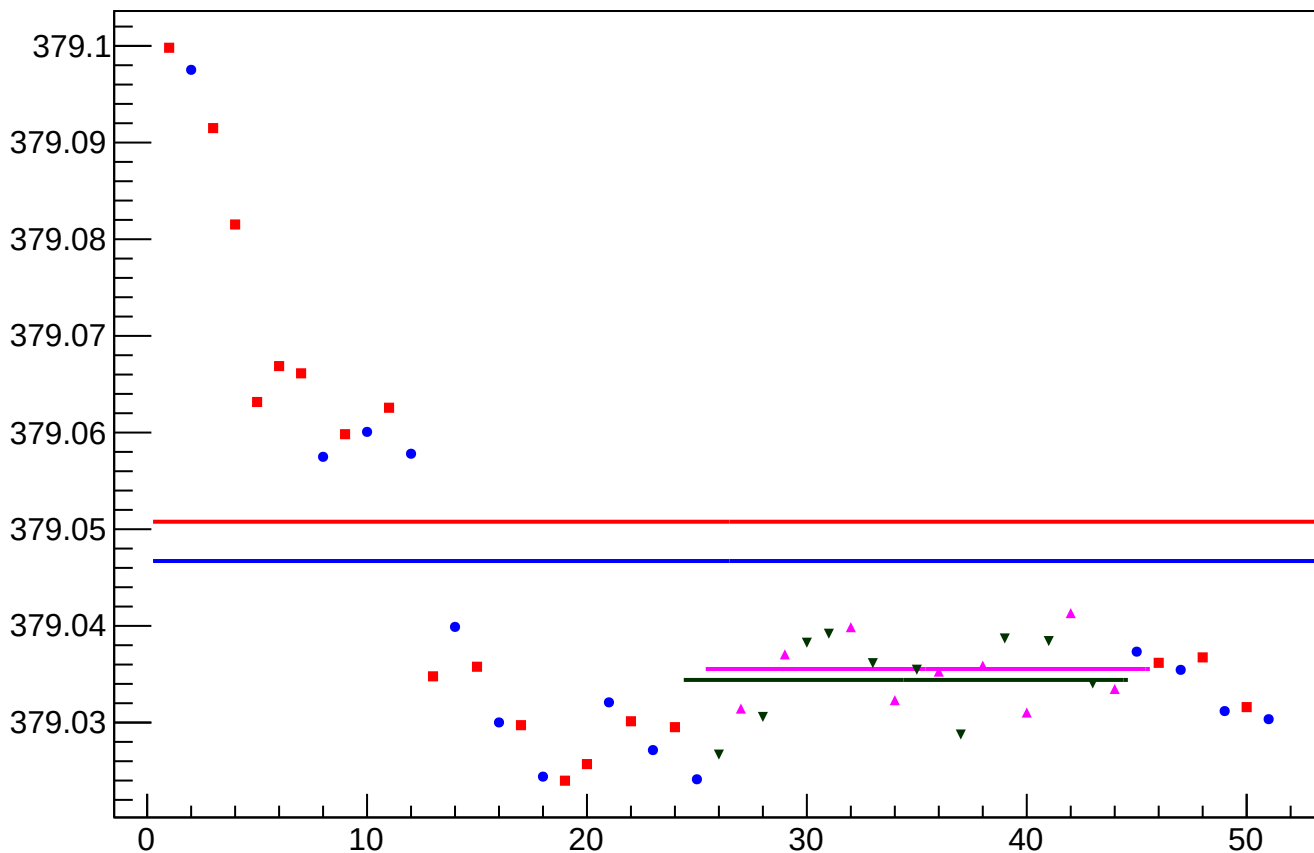
Left Out: 0.210+/-0.000 χ^2/NDF : 195506.9/9

0.024+/-0.000 χ^2/NDF : 42631313.0/50

Right Out: 0.011+/-0.000 χ^2/NDF : 13184426.9/17

Left In: 0.211+/-0.000 χ^2/NDF : 55429.5/8

yield_cav4dQ_mean vs slug



Right In: 379.047 $\pm$ 0.000 χ^2 /NDF: 98328913.0/13

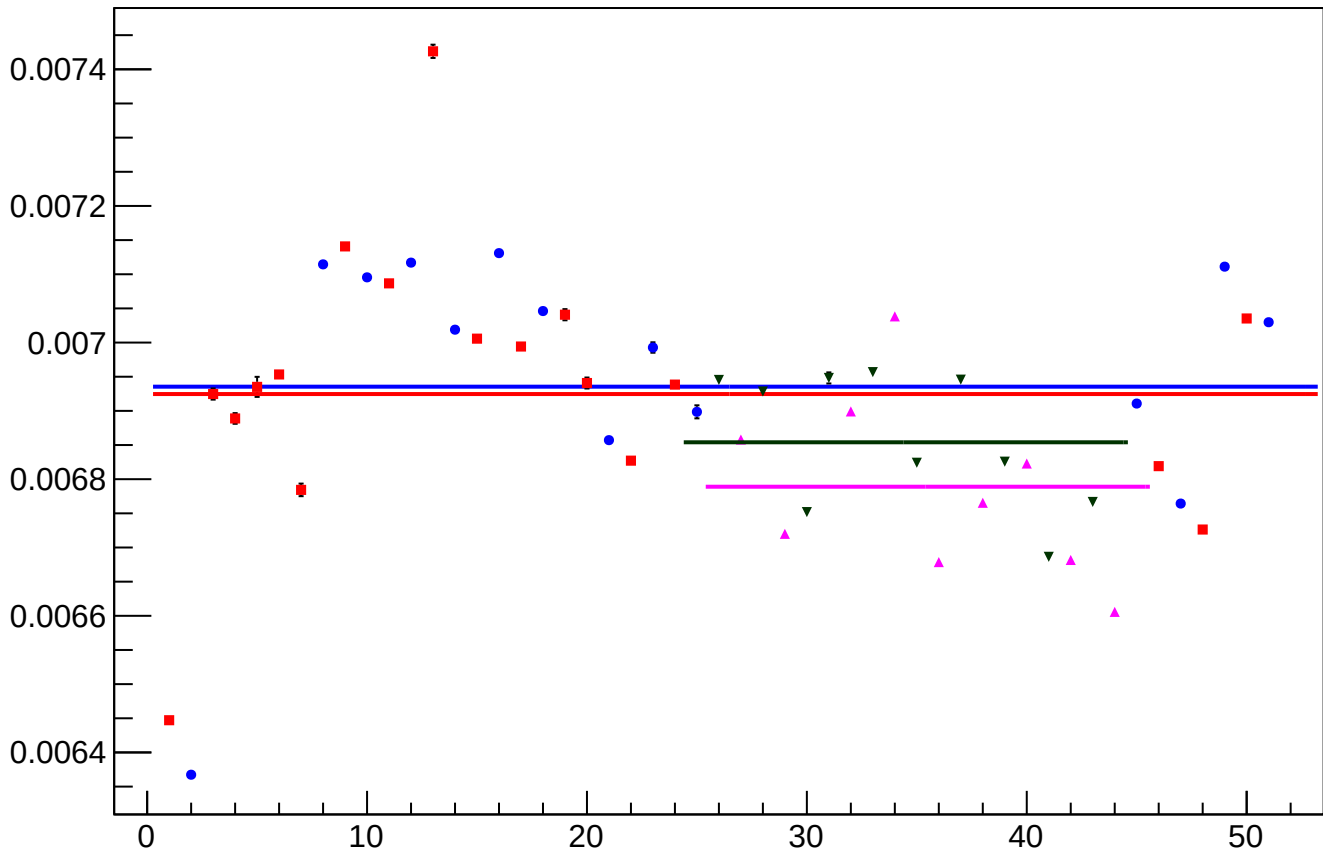
Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF: 1980028.6/9

Right Out: 379.051 $\pm$ 0.000 χ^2 /NDF: 102601700.8/17

Left In: 379.036 $\pm$ 0.000 χ^2 /NDF: 1469073.8/8

379.043 $\pm$ 0.000 χ^2 /NDF: 232880597.3/50

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 22230.8/13

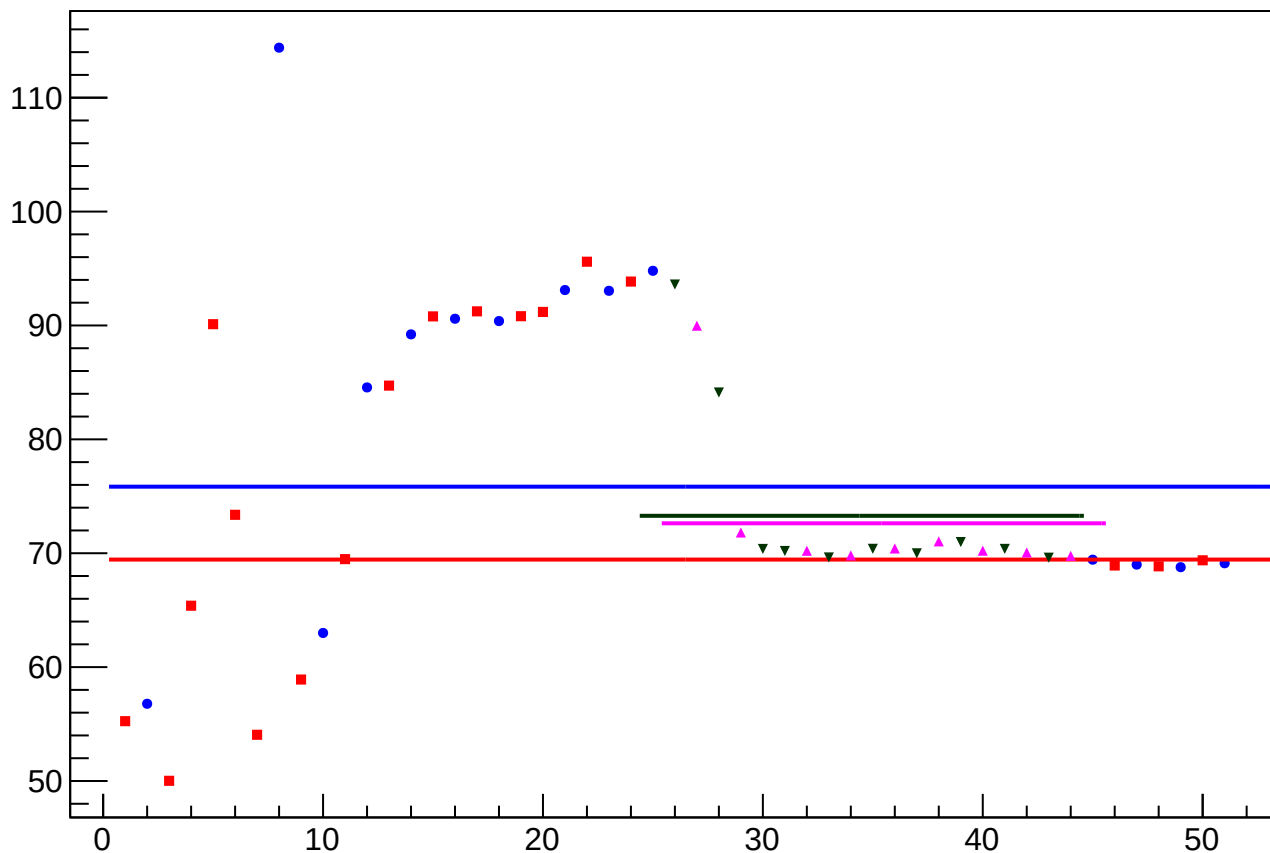
Left Out: 0.007+/-0.000 χ^2/NDF : 2061.8/9

0.007+/-0.000 χ^2/NDF : 45728.2/50

Right Out: 0.007+/-0.000 χ^2/NDF : 13985.6/17

Left In: 0.007+/-0.000 χ^2/NDF : 3438.6/8

yield_bcm0l02_mean vs slug



Right In: 75.845+/-0.000 χ^2/NDF : 26195911477.5/13

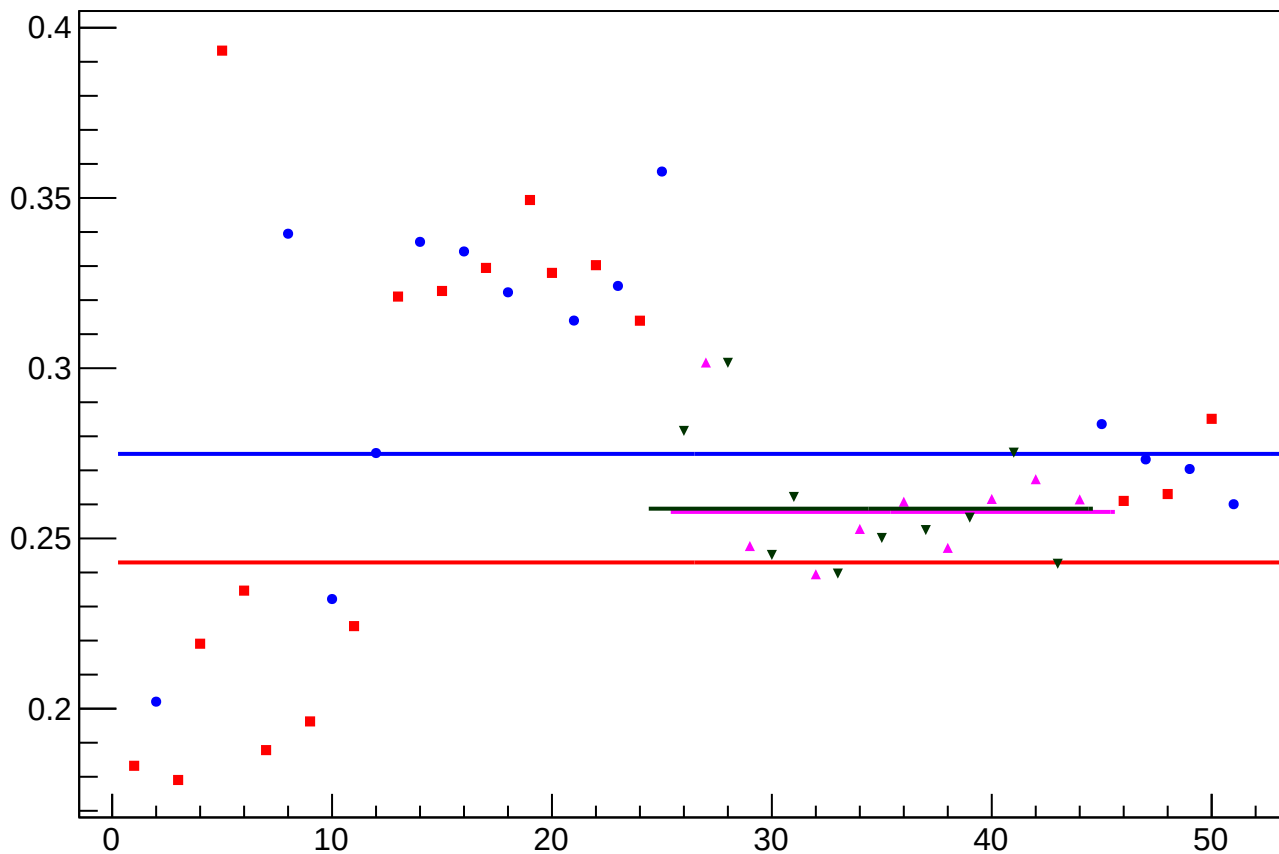
Left Out: 73.286+/-0.000 χ^2/NDF : 3720782967.4/9

Right Out: 69.444+/-0.000 χ^2/NDF : 24406932652.2/17

Left In: 72.627+/-0.000 χ^2/NDF : 2928961133.8/8

72.636+/-0.000 χ^2/NDF : 59624108249.3/50

yield_bcm0l02_rms vs slug



Right In: 0.275+/-0.000 χ^2/NDF : 467399.7/13

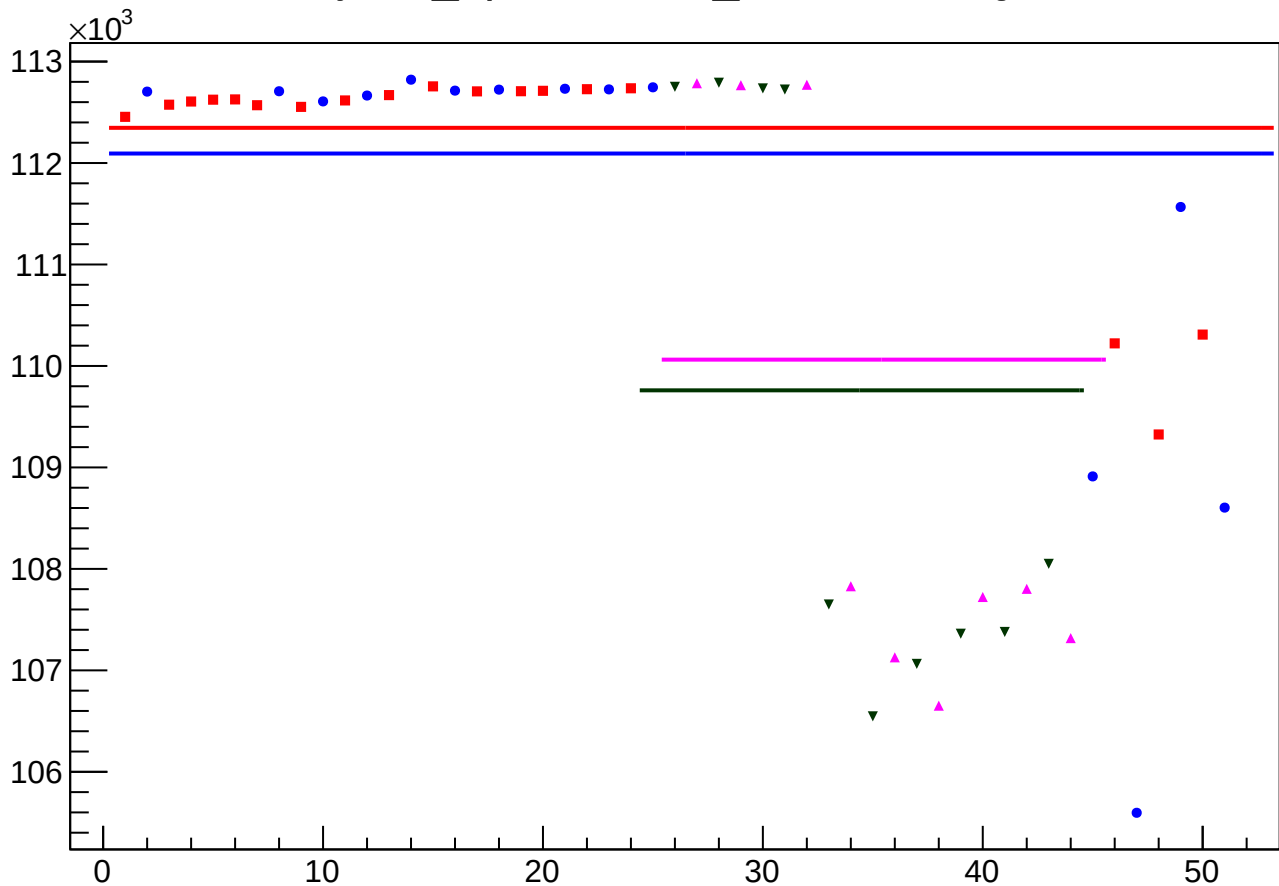
Left Out: 0.259+/-0.000 χ^2/NDF : 48388.8/9

Right Out: 0.243+/-0.000 χ^2/NDF : 764820.9/17

Left In: 0.258+/-0.000 χ^2/NDF : 49223.4/8

0.258+/-0.000 χ^2/NDF : 1445670.8/50

yield_bpm2i01WS_mean vs slug



Right In: 112093.625 $\pm$ 0.037 χ^2/NDF : 1893377373.4/13

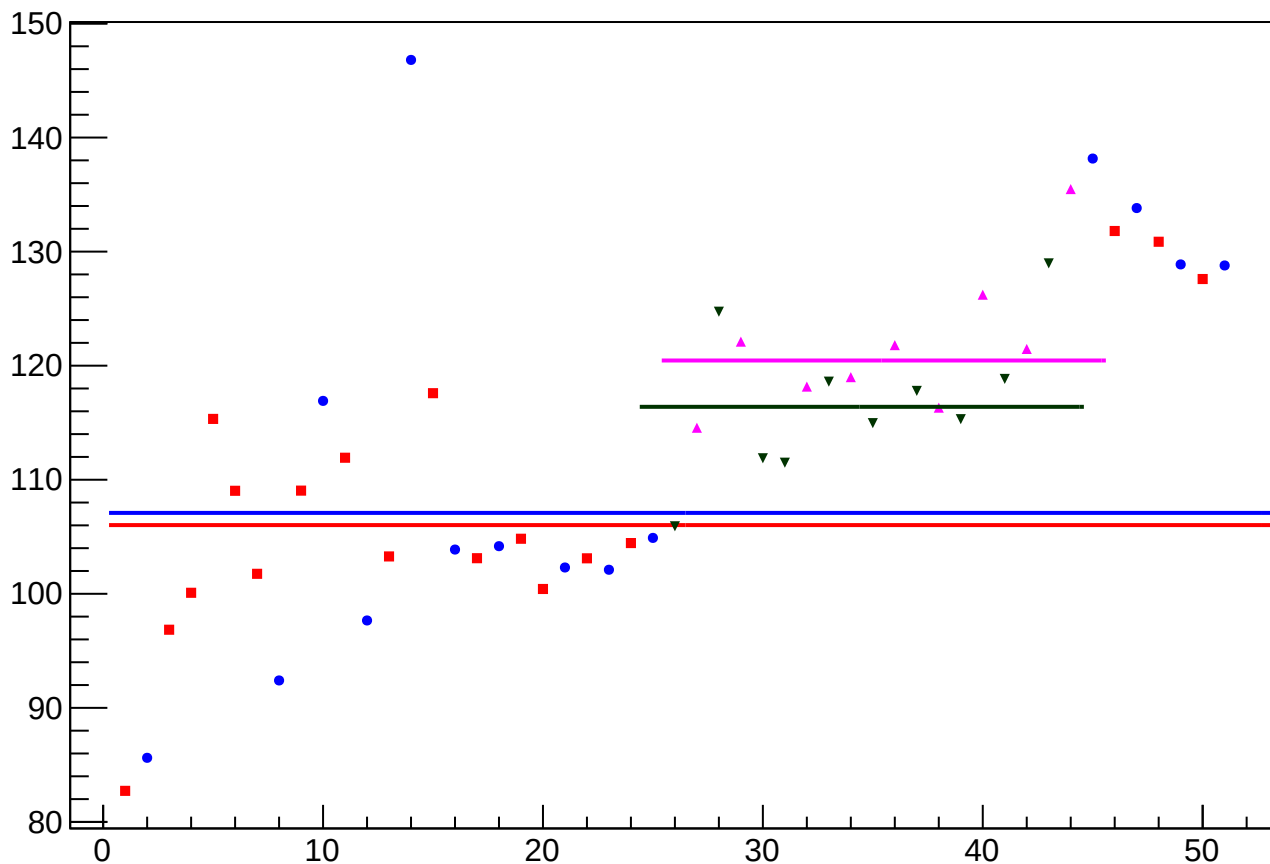
Left Out: 109759.766 $\pm$ 0.054 χ^2/NDF : 2587692520.9/9

Right Out: 112346.875 $\pm$ 0.038 χ^2/NDF : 495289084.8/17

Left In: 110062.291 $\pm$ 0.053 χ^2/NDF : 2589858371.2/8

111458.119 $\pm$ 0.022 χ^2/NDF : 10091479367.3/5

yield_bpm2i01WS_rms vs slug



Right In: 107.093 $\pm$ 0.026 χ^2 /NDF: 480258.8/13

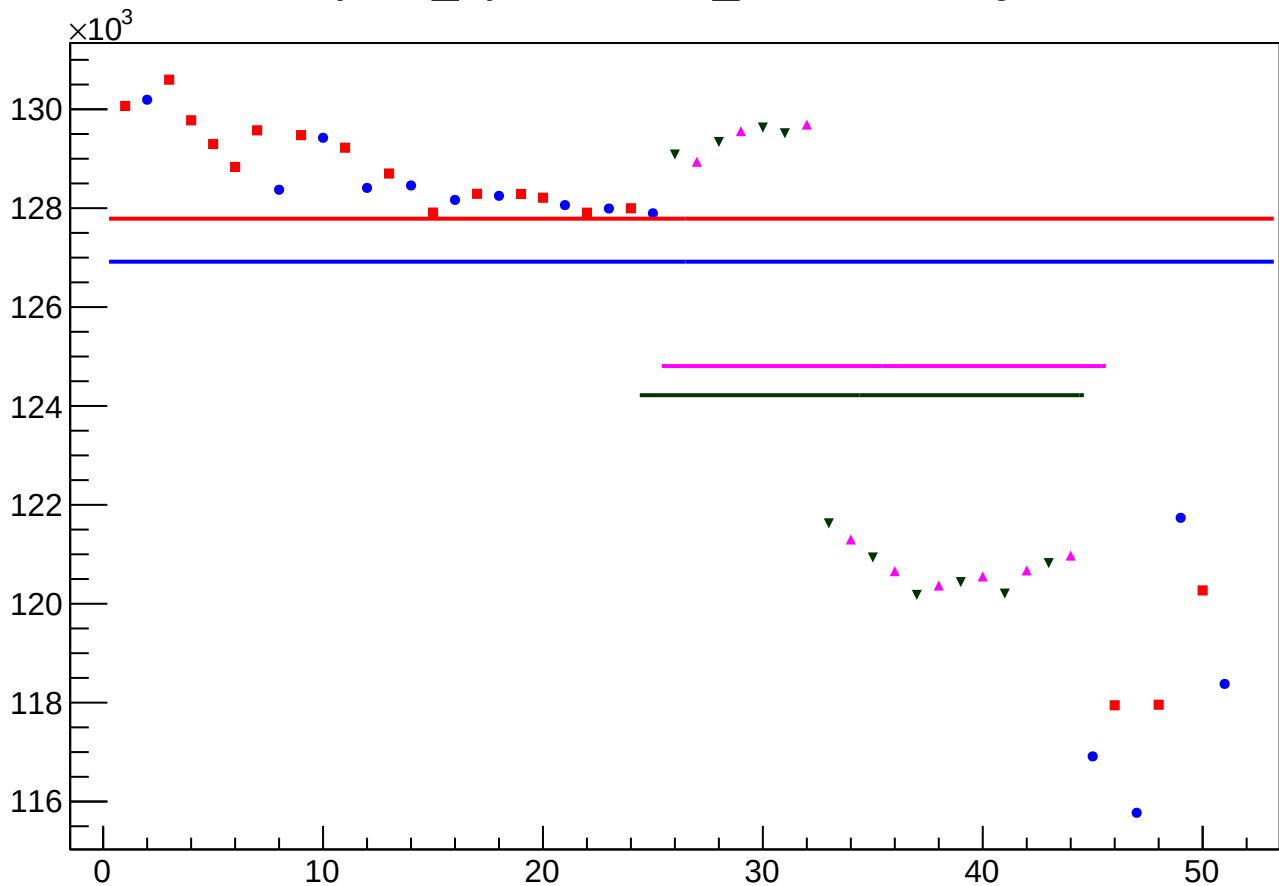
Left Out: 116.393 $\pm$ 0.038 χ^2 /NDF: 27352.1/9

Right Out: 106.024 $\pm$ 0.027 χ^2 /NDF: 192584.7/17

Left In: 120.454 $\pm$ 0.038 χ^2 /NDF: 19101.5/8

110.480 $\pm$ 0.015 χ^2 /NDF: 857831.1/50

yield_bpm0i07WS_mean vs slug



Right In: 126917.905 $\pm$ 0.059 χ^2 /NDF: 4897542944.3/13

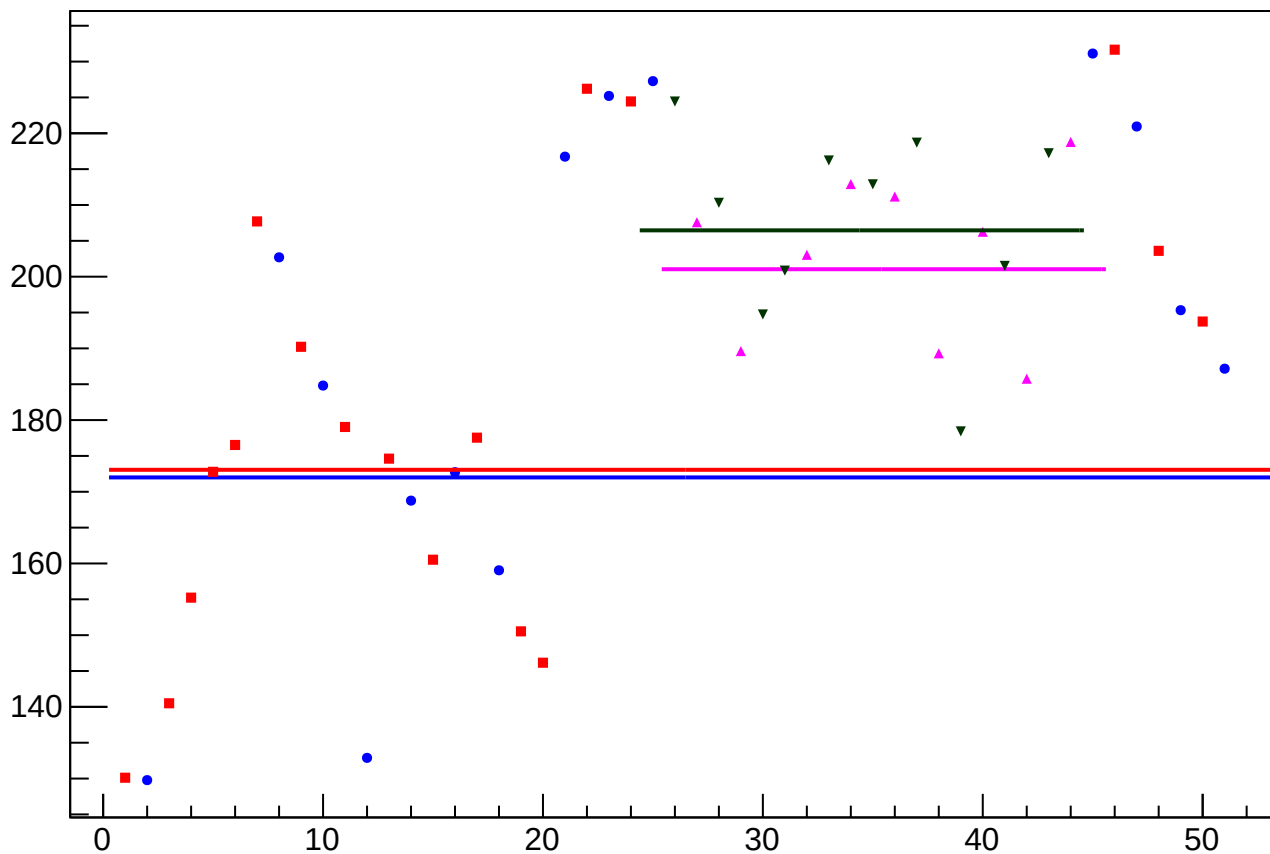
Left Out: 124217.458 $\pm$ 0.091 χ^2 /NDF: 2222612678.1/9

Right Out: 127787.660 $\pm$ 0.062 χ^2 /NDF: 2849791959.7/17

Left In: 124807.004 $\pm$ 0.085 χ^2 /NDF: 2610322677.8/8

126435.816 $\pm$ 0.035 χ^2 /NDF: 14076050180.6/5

yield_bpm0i07WS_rms vs slug



Right In: 172.001 $\pm$ 0.041 χ^2 /NDF: 631137.3/13

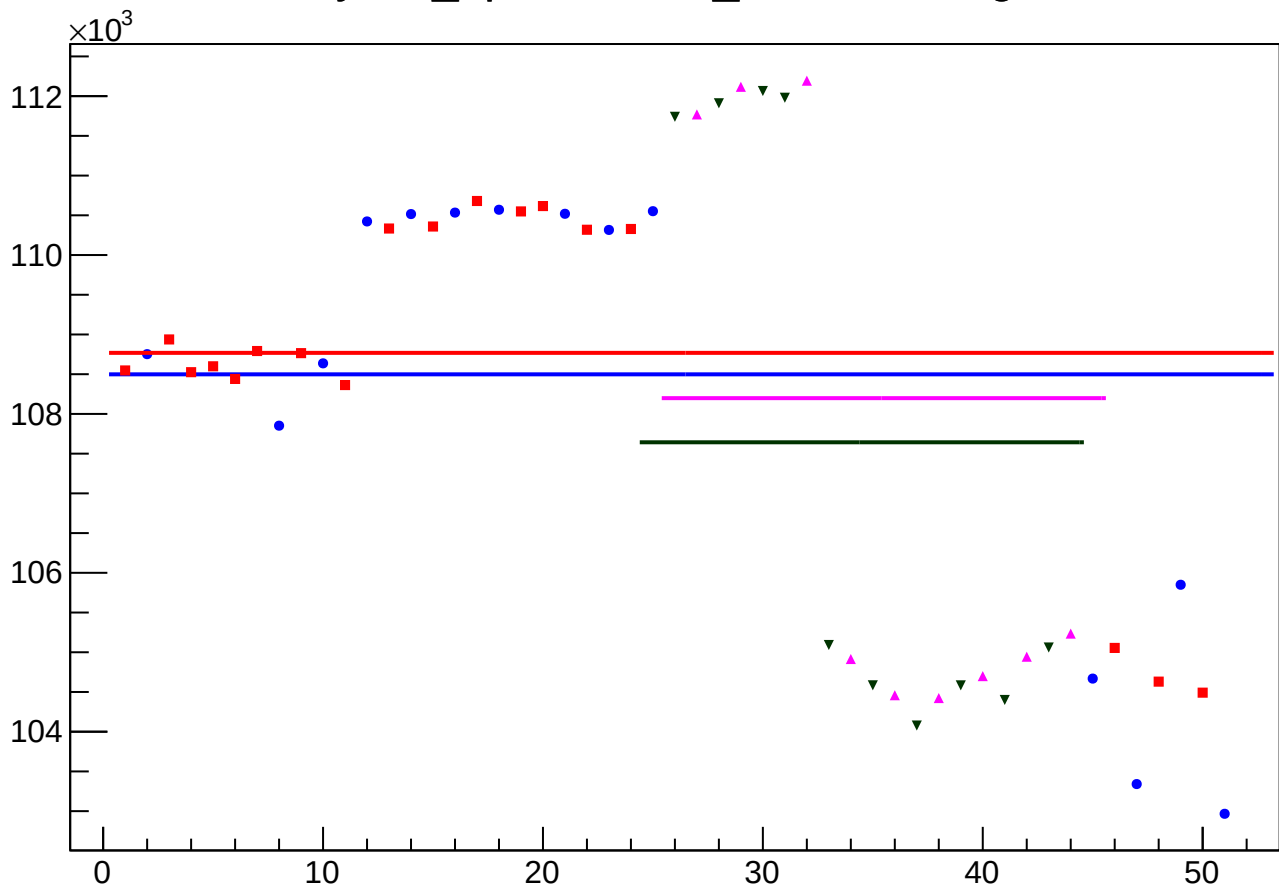
Left Out: 206.461 $\pm$ 0.065 χ^2 /NDF: 41468.1/9

182.412 $\pm$ 0.025 χ^2 /NDF: 1471299.7/50

Right Out: 173.065 $\pm$ 0.044 χ^2 /NDF: 424562.7/17

Left In: 201.041 $\pm$ 0.060 χ^2 /NDF: 31602.4/8

yield_bpm0l01WS_mean vs slug



Right In: 108498.303 $\pm$ 0.039 χ^2/NDF : 3564128079.5/13

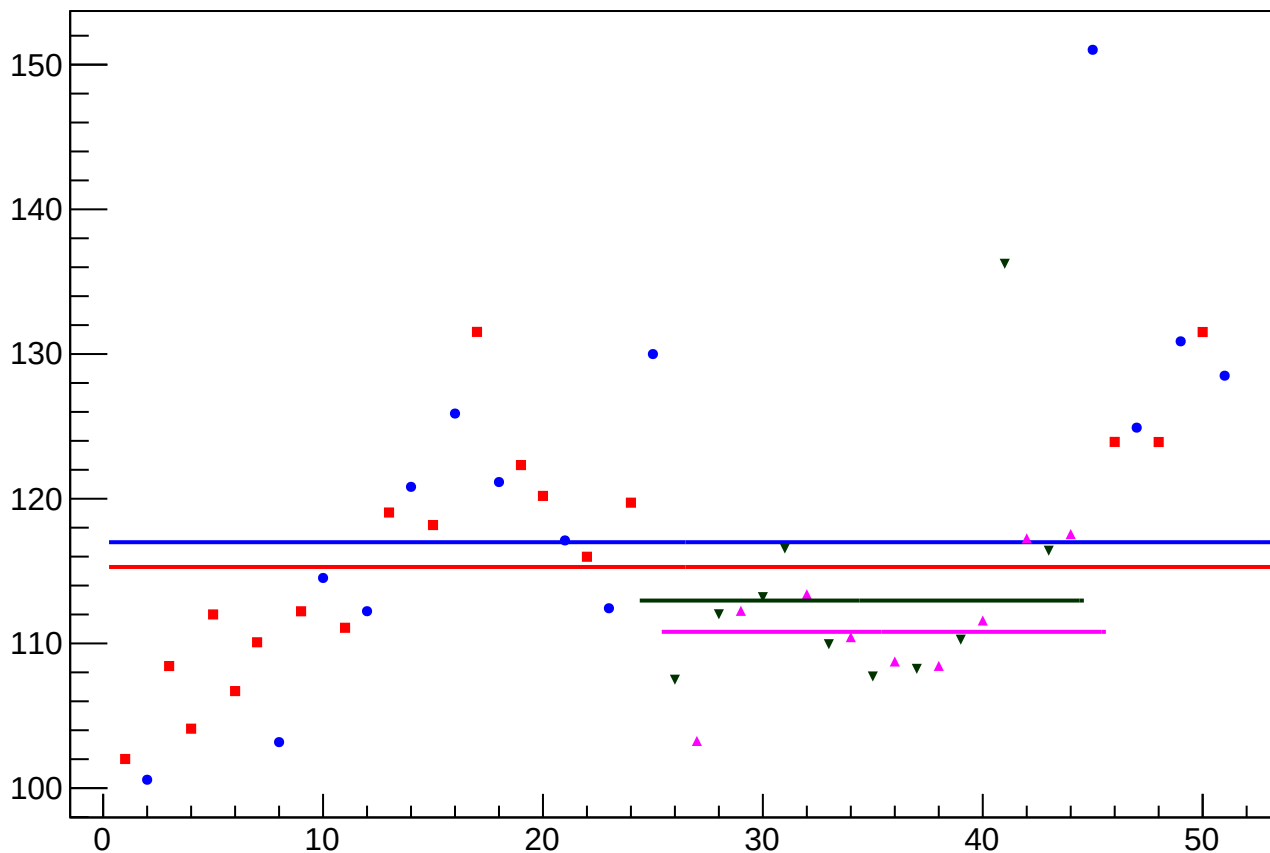
Left Out: 107642.924 $\pm$ 0.050 χ^2/NDF : 5150705476.1/9

Right Out: 108768.619 $\pm$ 0.041 χ^2/NDF : 1957567806.4/17

Left In: 108198.509 $\pm$ 0.047 χ^2/NDF : 5989947255.4/8

108347.733 $\pm$ 0.022 χ^2/NDF : 16989229837.6/5

yield_bpm0l01WS_rms vs slug



Right In: 116.995 $\pm$ 0.028 χ^2 /NDF: 182328.8/13

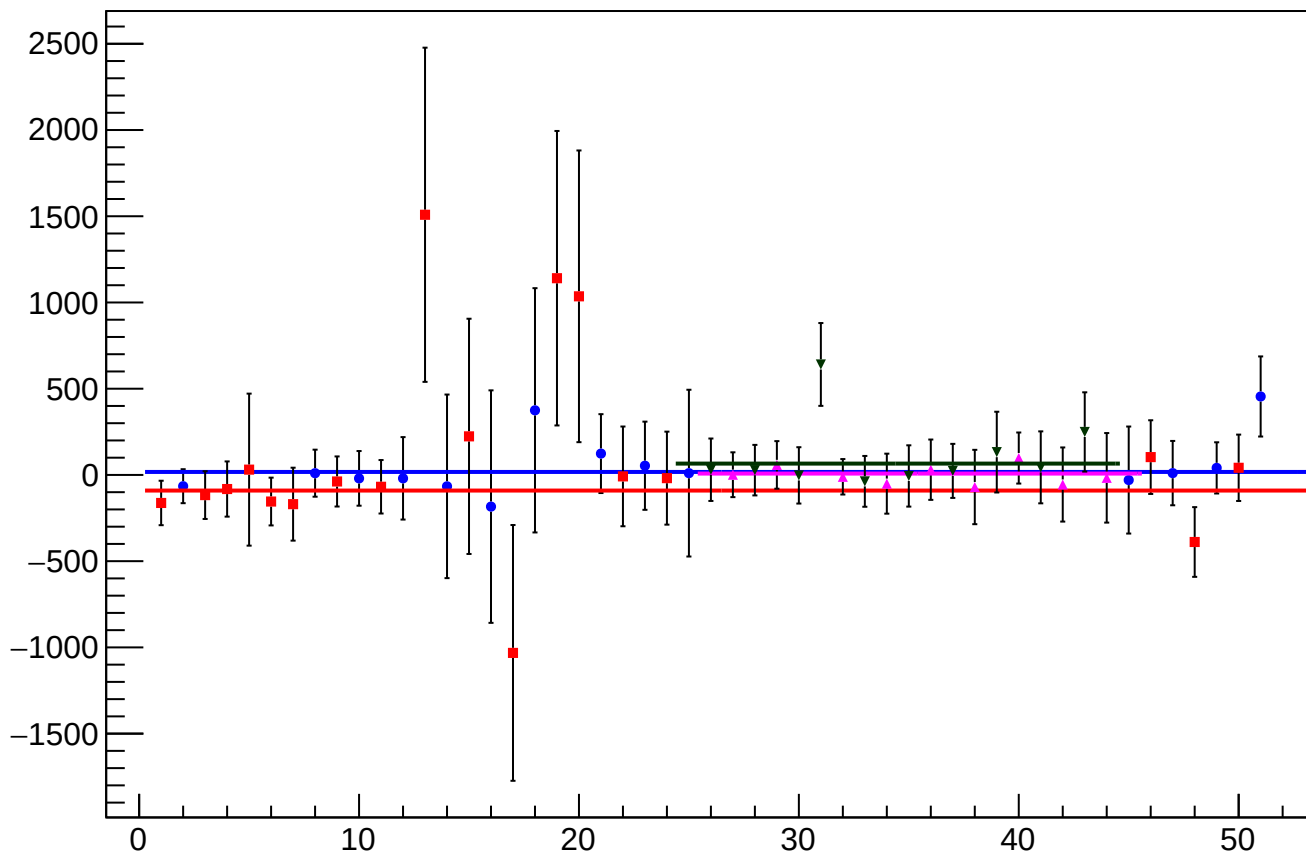
Left Out: 112.963 $\pm$ 0.036 χ^2 /NDF: 43064.1/9

Right Out: 115.283 $\pm$ 0.029 χ^2 /NDF: 82382.1/17

Left In: 110.801 $\pm$ 0.033 χ^2 /NDF: 17507.6/8

114.395 $\pm$ 0.015 χ^2 /NDF: 348309.6/50

asym_bcm_an_ds_mean vs slug



Right In: 17.347+/-52.438 χ^2/NDF : 5.0/13

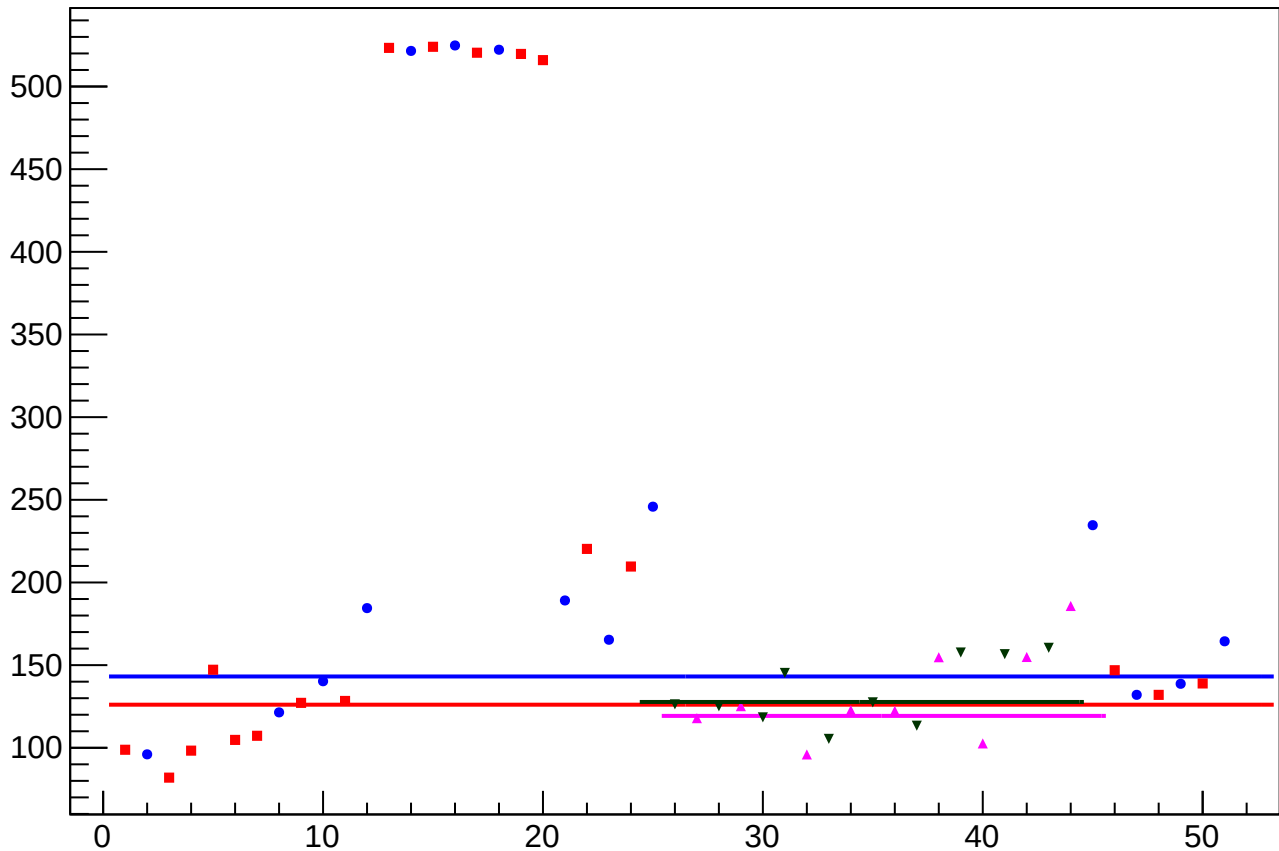
Left Out: 65.780+/-56.744 χ^2/NDF : 7.5/9

Right Out: -90.553+/-48.385 χ^2/NDF : 13.0/17

Left In: 7.861+/-51.585 χ^2/NDF : 0.9/8

-6.084+/-26.018 χ^2/NDF : 31.2/50

asym_bcm_an_ds_rms vs slug



Right In: 143.146+/-0.037 χ^2/NDF : 3179765.4/13

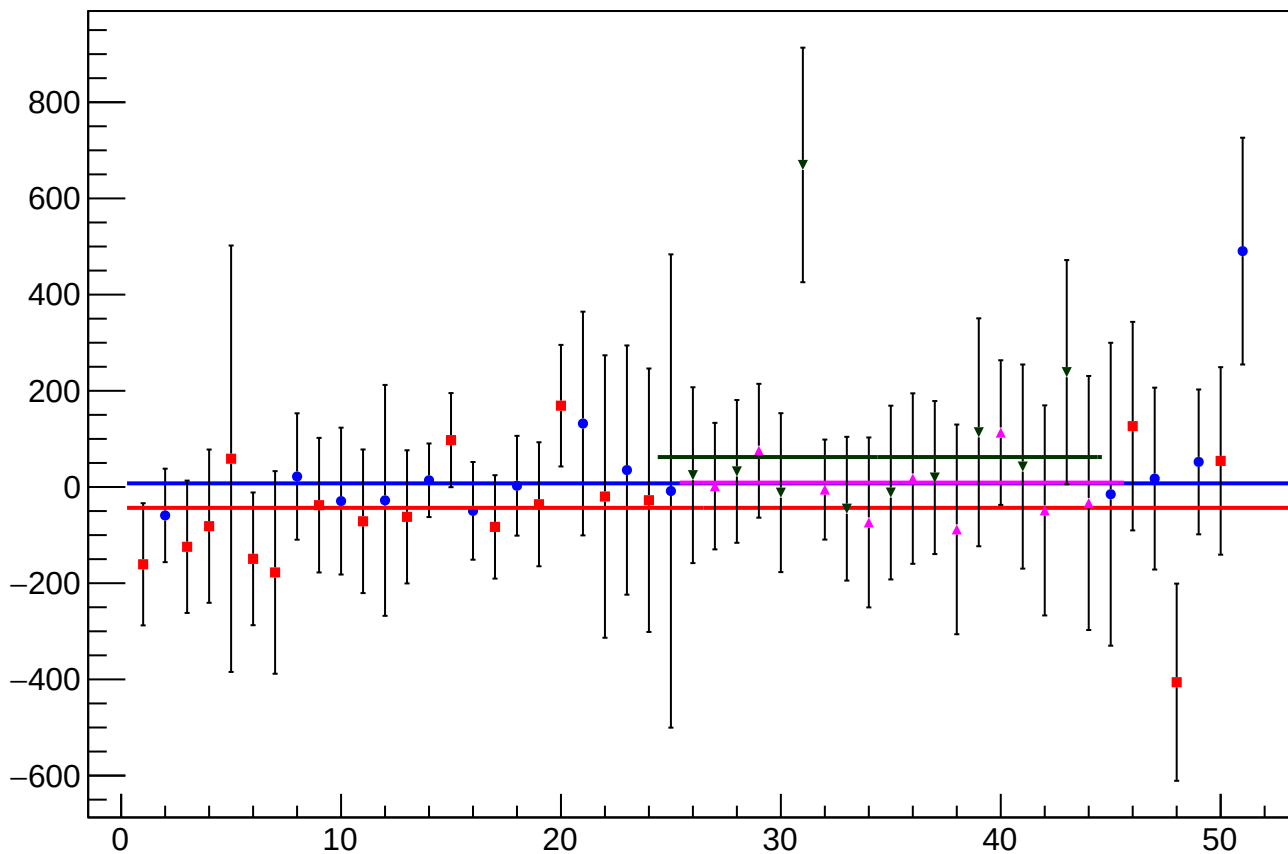
Left Out: 127.722+/-0.040 χ^2/NDF :192416.0/9

128.899+/-0.018 χ^2/NDF : 7259425.6/50

Right Out: 126.074+/-0.034 χ^2/NDF : 3288982.1/17

Left In: 119.298+/-0.036 χ^2/NDF :373674.7/8

asym_bcm_an_ds3_mean vs slug



Right In: 7.603 ± 37.202 $\chi^2/\text{NDF}: 5.5/13$

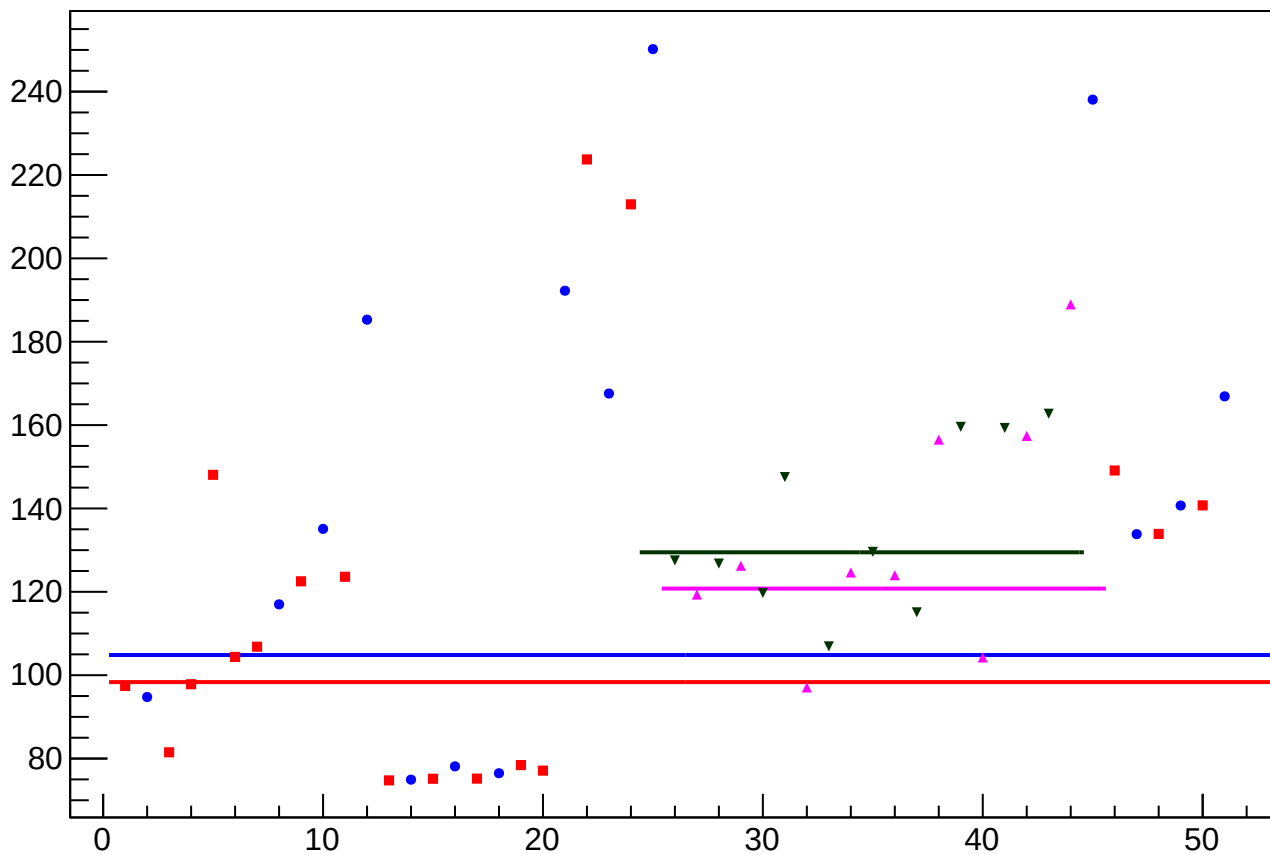
Left Out: 62.264 ± 57.532 $\chi^2/\text{NDF}: 7.9/9$

-3.059 ± 21.399 $\chi^2/\text{NDF}: 28.7/50$

Right Out: -43.325 ± 35.518 $\chi^2/\text{NDF}: 11.4/17$

Left In: 9.165 ± 52.241 $\chi^2/\text{NDF}: 1.2/8$

asym_bcm_an_ds3_rms vs slug



Right In: 104.840+/-0.026 χ^2/NDF : 2166508.5/13

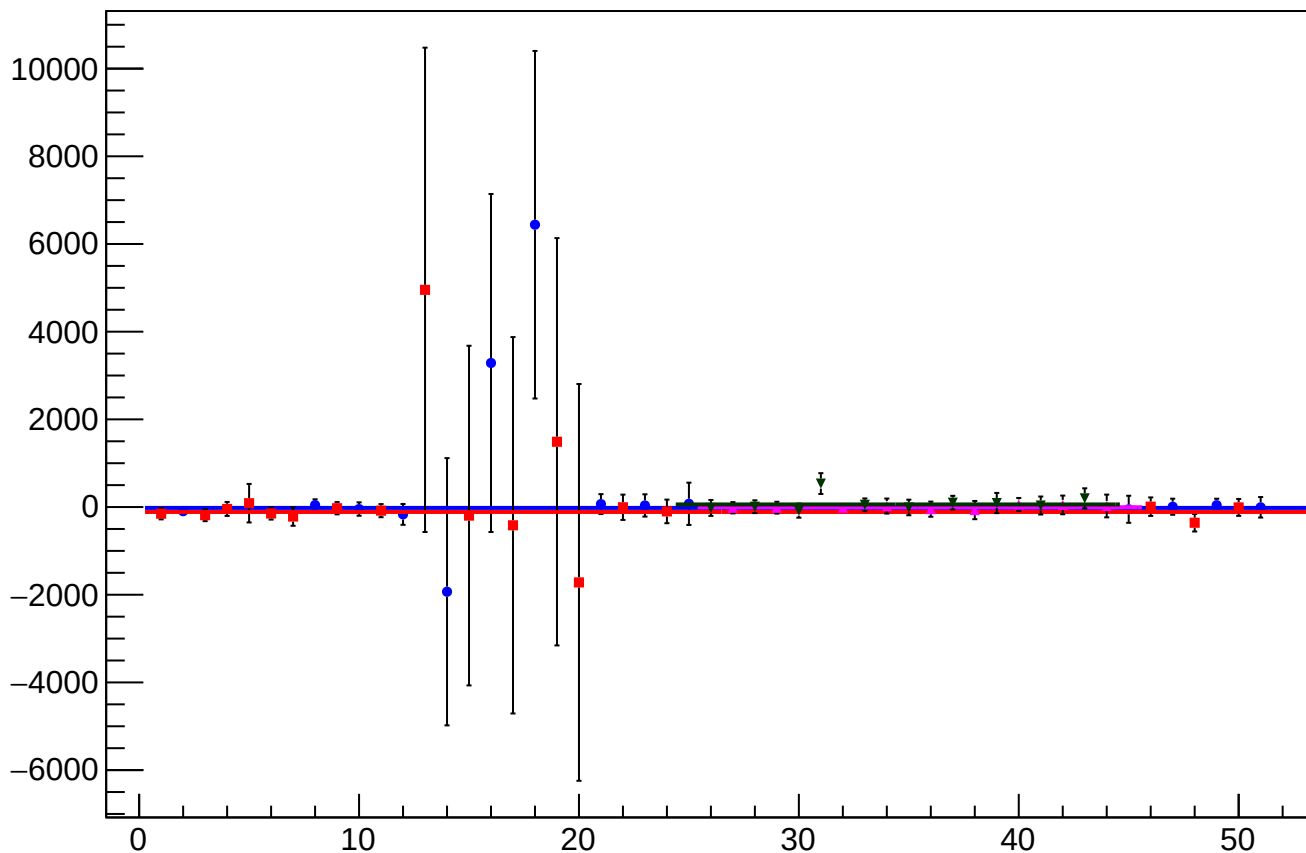
Left Out: 129.483+/-0.041 χ^2/NDF :193272.5/9

Right Out: 98.345+/-0.025 χ^2/NDF : 1526184.1/17

Left In: 120.780+/-0.037 χ^2/NDF :376387.2/8

108.566+/-0.015 χ^2/NDF : 4821739.8/50

asym_bcm_an_us_mean vs slug



Right In: -19.375 ± 53.177 χ^2/NDF : 5.4/13

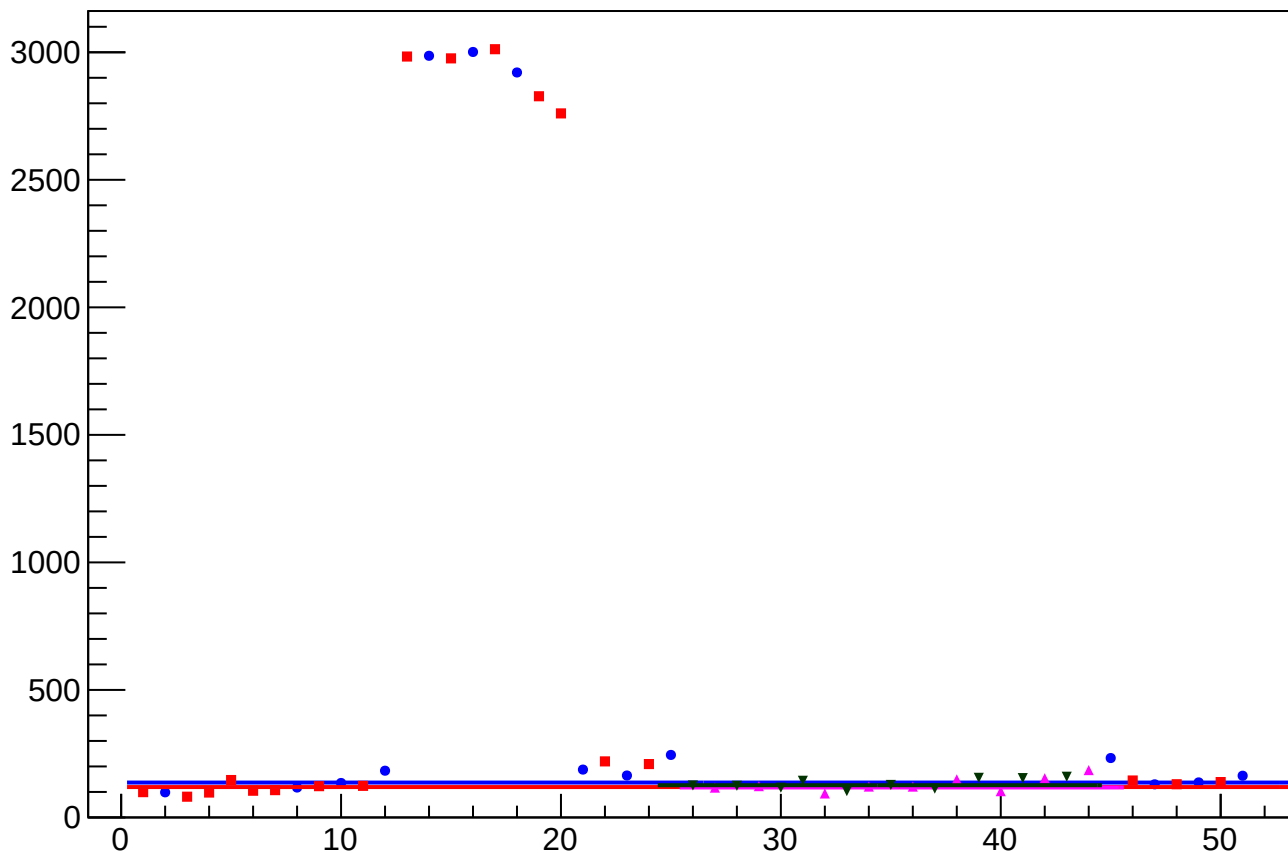
Left Out: 59.322 ± 56.217 χ^2/NDF : 5.7/9

Right Out: -112.055 ± 48.317 χ^2/NDF : 4.9/17

Left In: -4.192 ± 50.903 χ^2/NDF : 0.5/8

-25.397 ± 25.956 χ^2/NDF : 22.1/50

asym_bcm_an_us_rms vs slug



Right In: 136.856+/-0.038 χ^2/NDF : 4676356.7/13

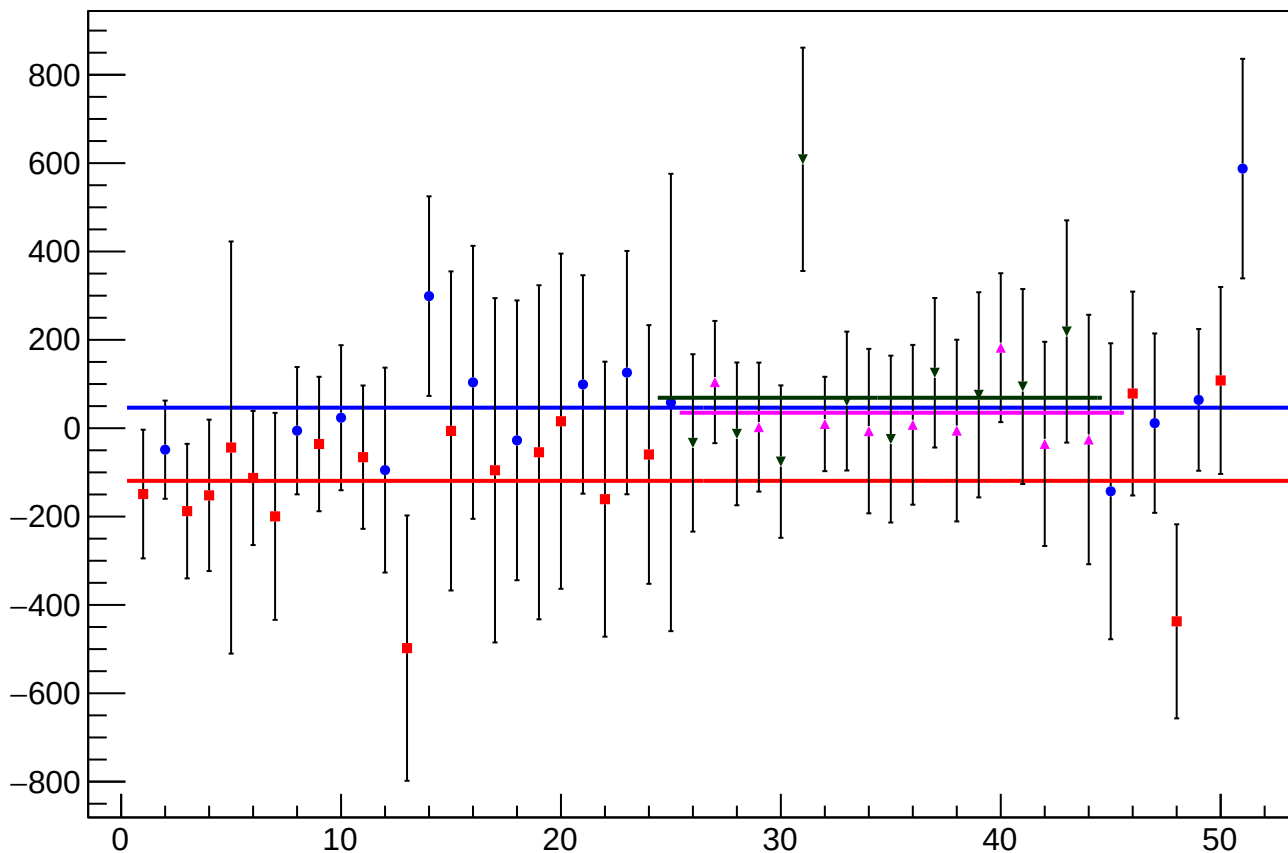
Left Out: 126.427+/-0.040 χ^2/NDF : 196342.9/9

Right Out: 119.174+/-0.034 χ^2/NDF : 4694505.0/17

Left In: 117.705+/-0.036 χ^2/NDF : 374840.6/8

124.551+/-0.018 χ^2/NDF : 10112312.9/50

asym_bcm_dg_us_mean vs slug



Right In: 46.466+/-53.729 χ^2/NDF : 7.8/13

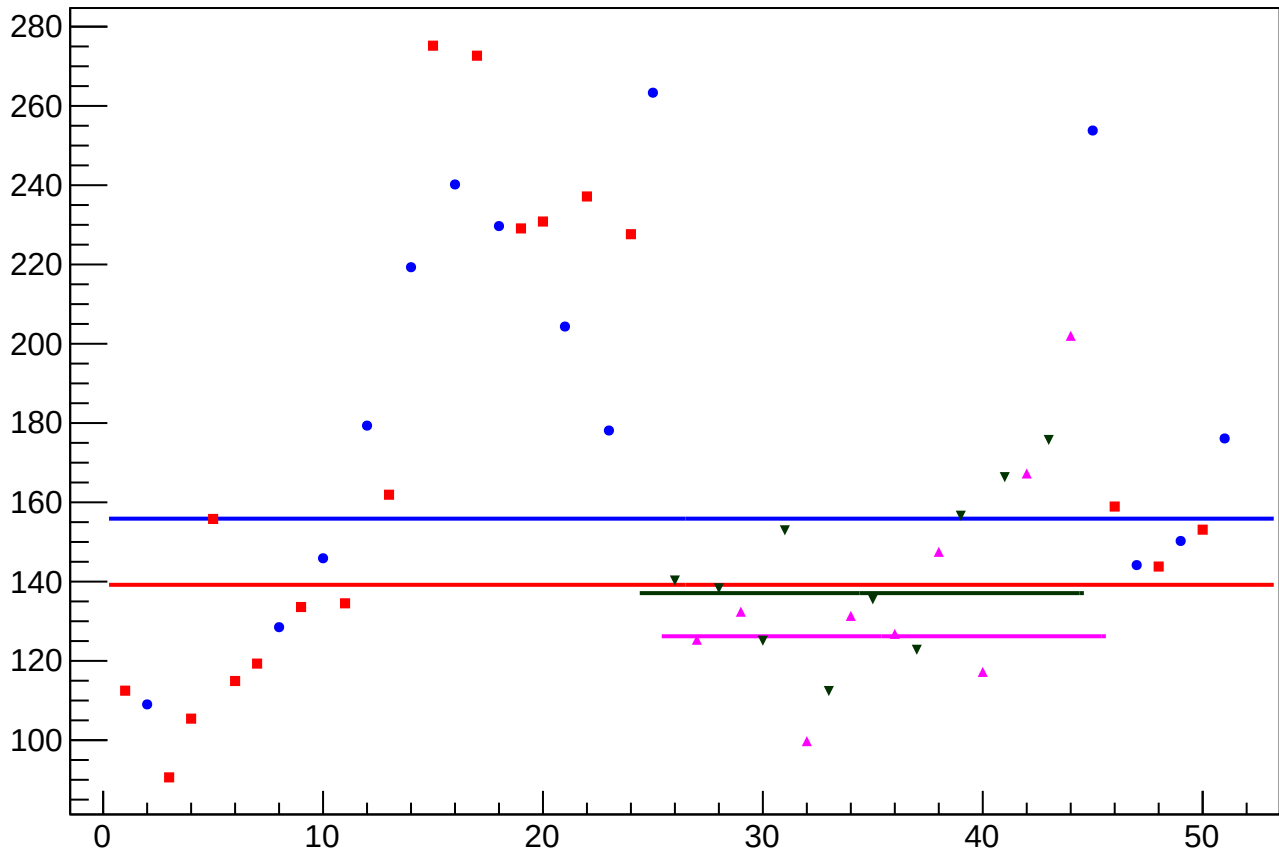
Left Out: 68.904+/-60.779 χ^2/NDF : 6.5/9

Right Out: -119.154+/-50.327 χ^2/NDF : 6.7/17

Left In: 34.983+/-54.517 χ^2/NDF : 1.4/8

-0.389+/-27.233 χ^2/NDF : 30.5/50

asym_bcm_dg_us_rms vs slug



Right In: 155.882+/-0.038 χ^2/NDF : 1240304.4/13

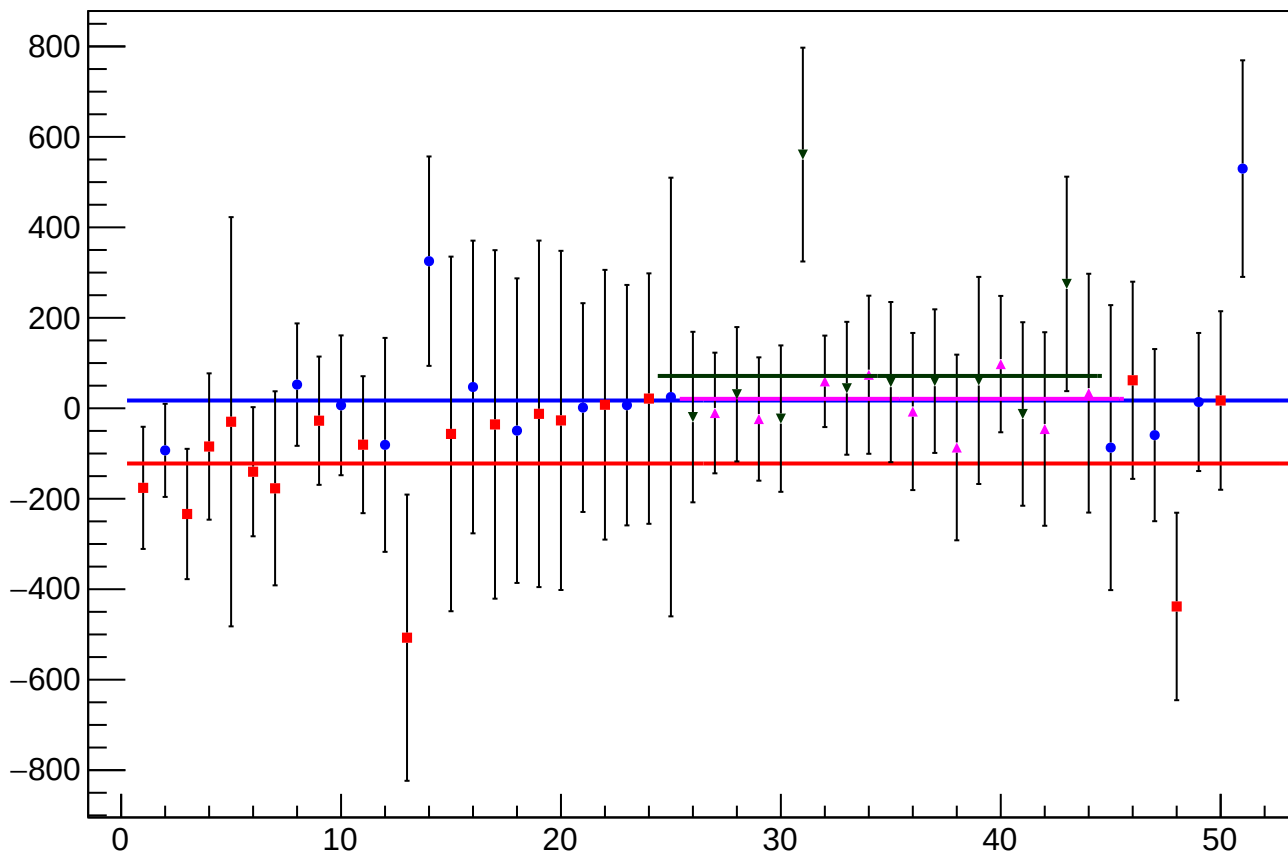
Left Out: 137.095+/-0.043 χ^2/NDF : 178426.5/9

139.819+/-0.019 χ^2/NDF : 3674132.8/50

Right Out: 139.190+/-0.036 χ^2/NDF : 1585209.2/17

Left In: 126.212+/-0.039 χ^2/NDF : 362509.2/8

asym_bcm_dg_ds_mean vs slug



Right In: 17.212 ± 51.232 $\chi^2/\text{NDF}: 8.1/13$

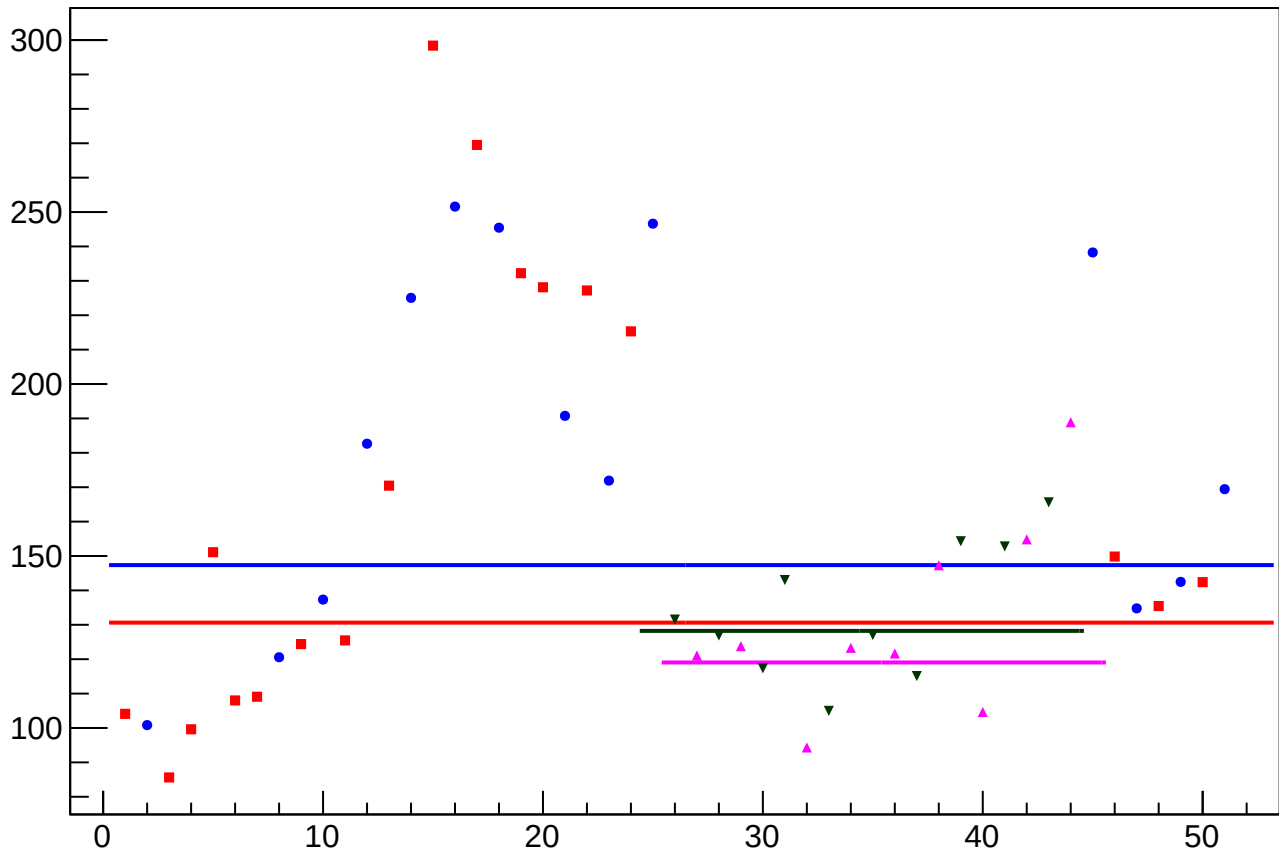
Left Out: 71.515 ± 56.917 $\chi^2/\text{NDF}: 5.9/9$

Right Out: -122.053 ± 47.577 $\chi^2/\text{NDF}: 7.2/17$

Left In: 20.882 ± 51.456 $\chi^2/\text{NDF}: 1.1/8$

-11.530 ± 25.742 $\chi^2/\text{NDF}: 30.4/50$

asym_bcm_dg_ds_rms vs slug



Right In: 147.353+/-0.036 χ^2/NDF : 1508144.4/13

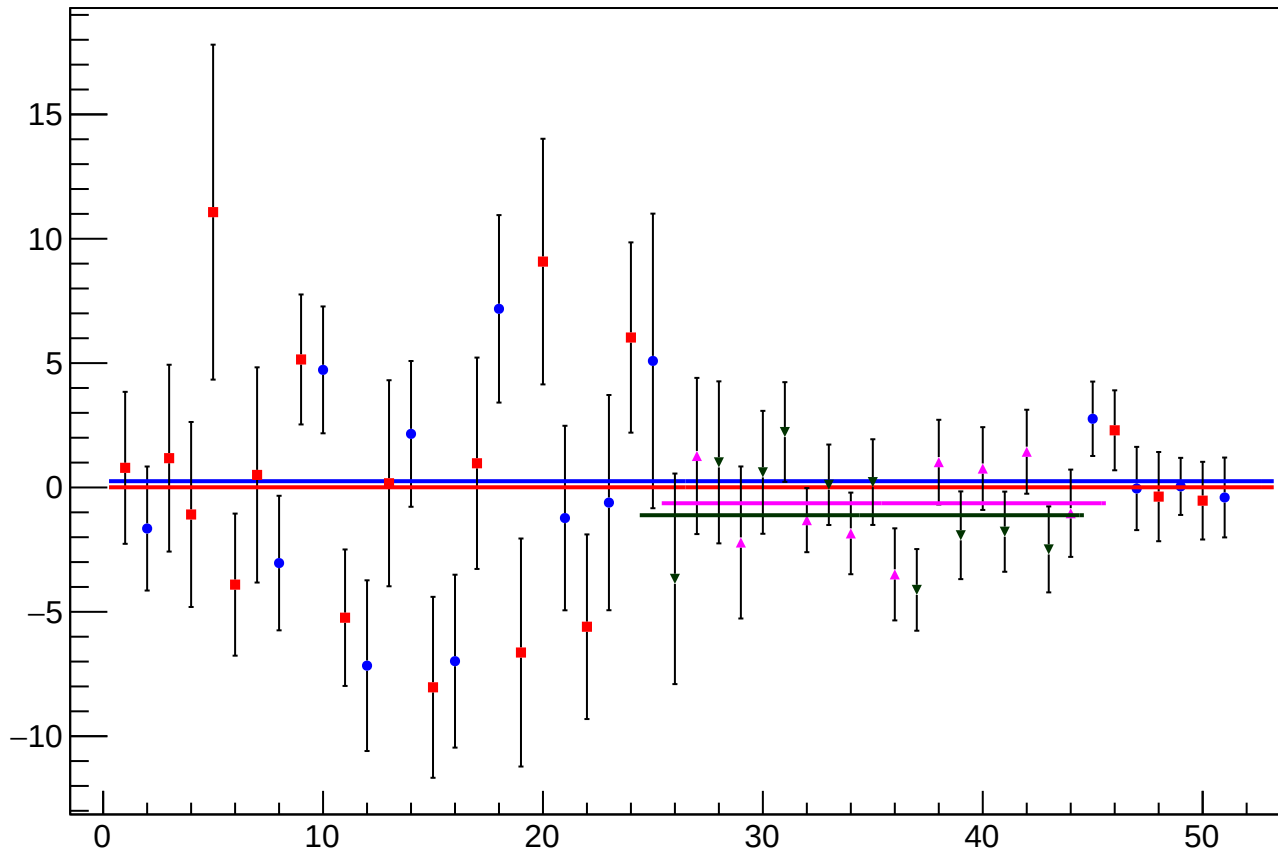
Left Out: 128.233+/-0.040 χ^2/NDF : 186477.9/9

131.463+/-0.018 χ^2/NDF : 4167927.3/50

Right Out: 130.629+/-0.034 χ^2/NDF : 1781299.4/17

Left In: 119.049+/-0.036 χ^2/NDF : 376130.6/8

asym_cav4bQ_mean vs slug



Right In: 0.253 ± 0.586 $\chi^2/\text{NDF}: 21.9/13$

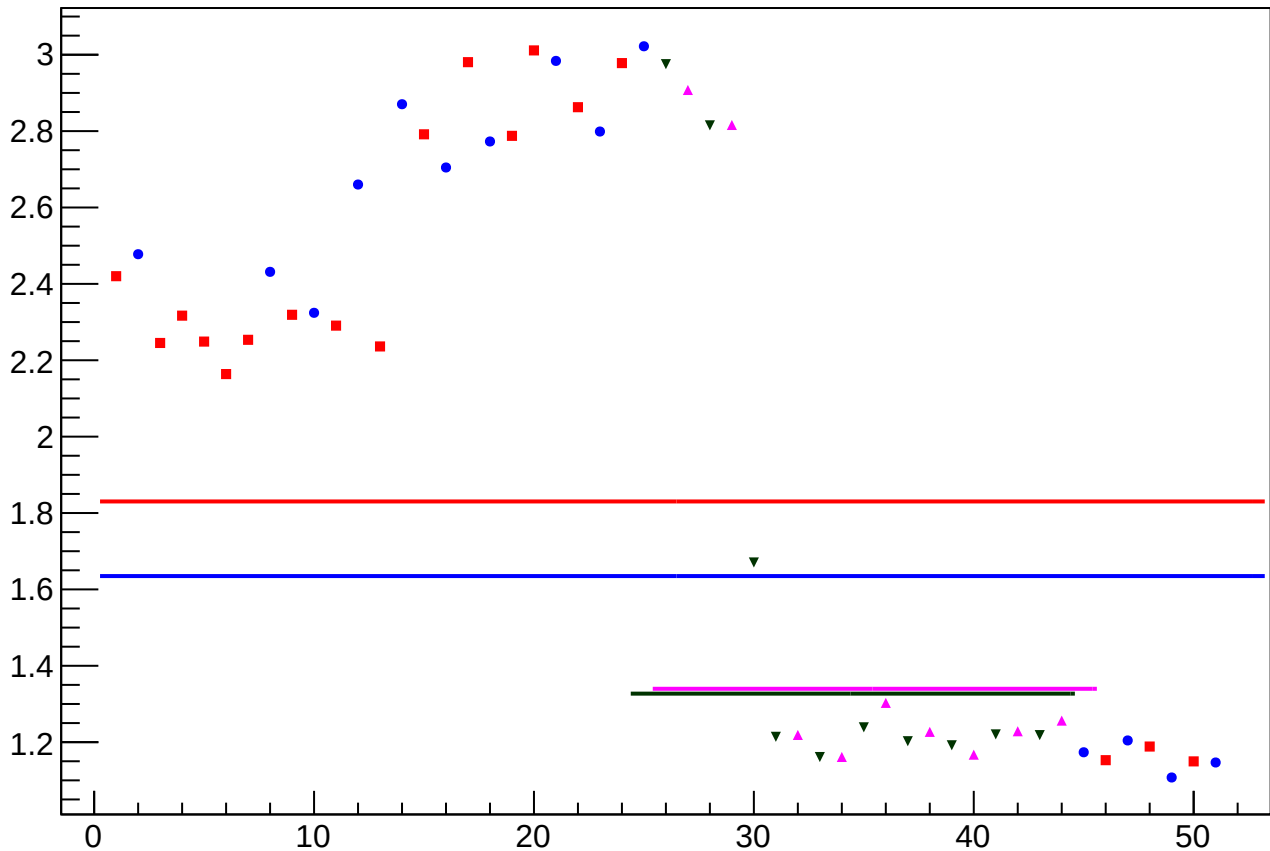
Left Out: -1.116 ± 0.609 $\chi^2/\text{NDF}: 9.6/9$

Right Out: 0.007 ± 0.666 $\chi^2/\text{NDF}: 29.7/17$

Left In: -0.634 ± 0.592 $\chi^2/\text{NDF}: 7.0/8$

-0.379 ± 0.305 $\chi^2/\text{NDF}: 71.4/50$

asym_cav4bQ_rms vs slug



Right In: 1.635+/-0.000 χ^2/NDF : 2902752.0/13

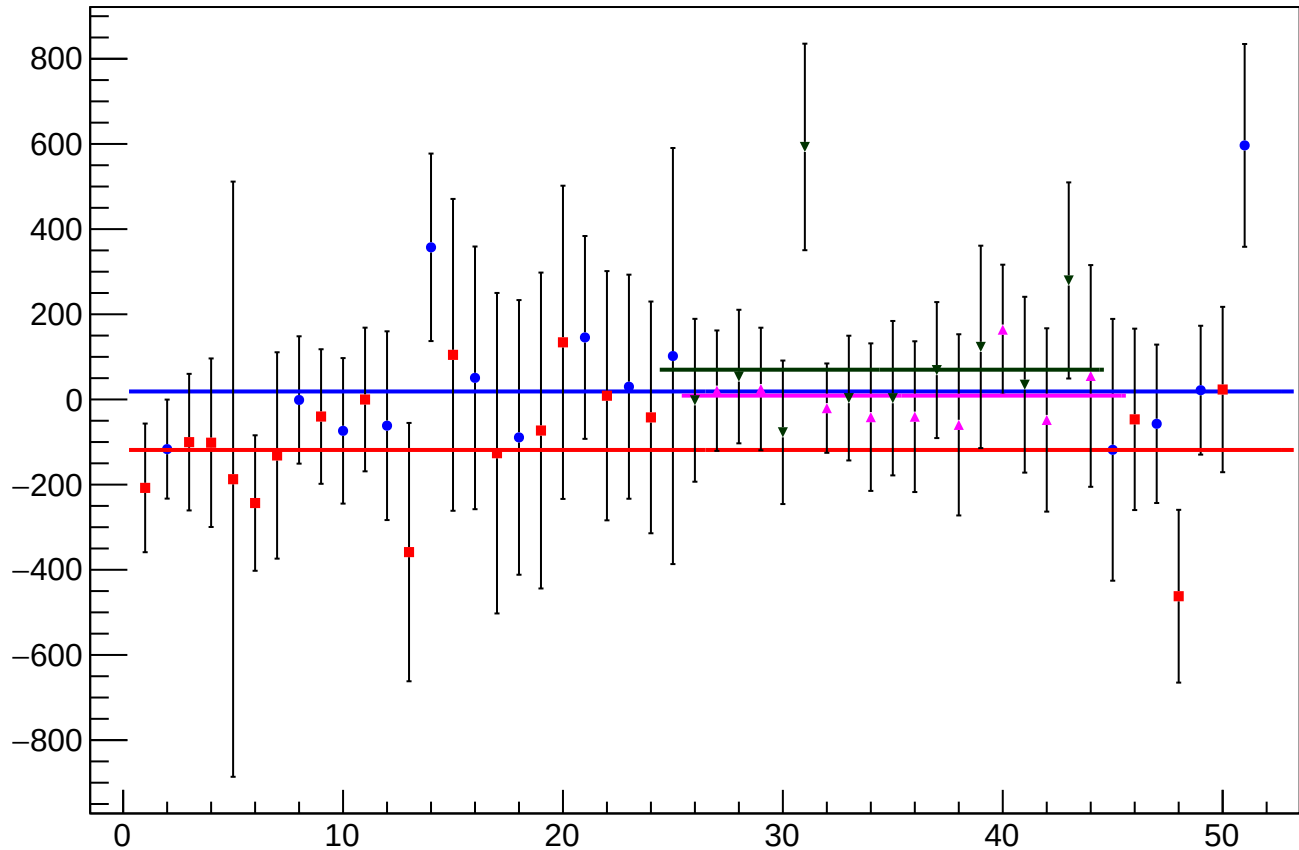
Left Out: 1.327+/-0.000 χ^2/NDF : 831904.3/9

1.520+/-0.000 χ^2/NDF : 7829163.3/50

Right Out: 1.830+/-0.000 χ^2/NDF : 2146466.6/17

Left In: 1.340+/-0.000 χ^2/NDF : 1050931.9/8

asym_cav4cQ_mean vs slug



Right In: 18.755 ± 53.366 χ^2/NDF : 10.9/13

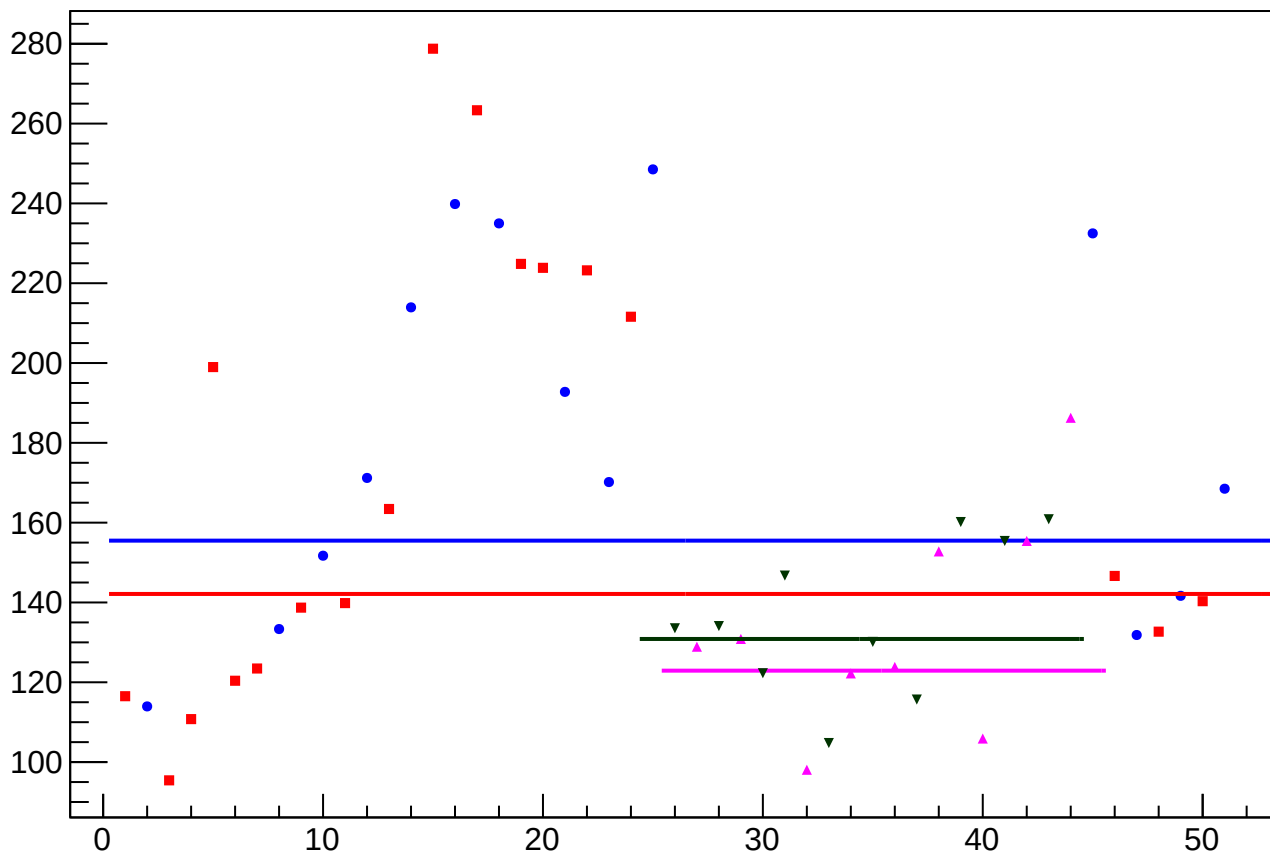
Left Out: 69.857 ± 58.074 χ^2/NDF : 6.8/9

-10.548 ± 26.885 χ^2/NDF : 33.0/50

Right Out: -118.612 ± 51.291 χ^2/NDF : 7.0/17

Left In: 8.979 ± 53.017 χ^2/NDF : 1.5/8

asym_cav4cQ_rms vs slug



Right In: 155.494+/-0.038 χ^2/NDF : 1030548.1/13

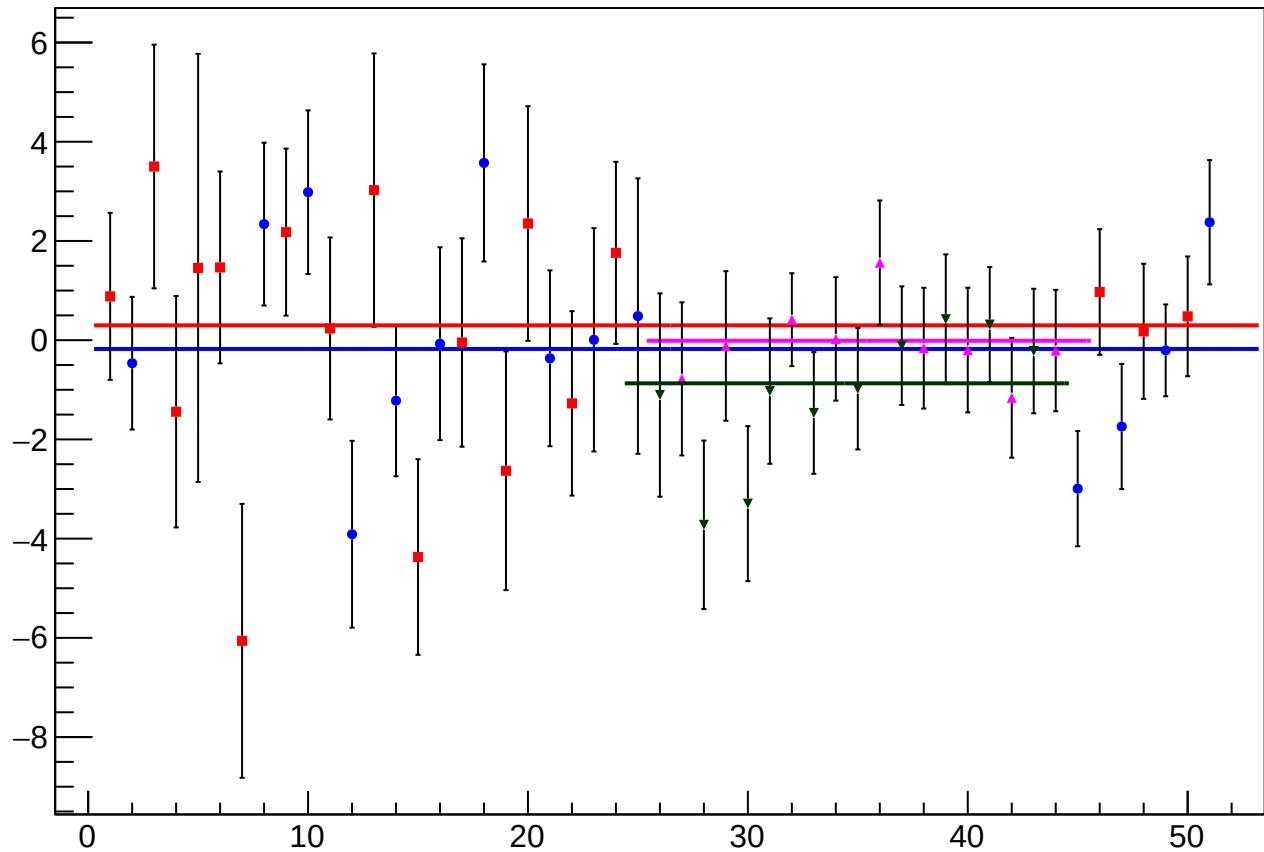
Left Out: 130.853+/-0.041 χ^2/NDF : 189147.6/9

138.164+/-0.019 χ^2/NDF : 3314586.4/50

Right Out: 142.133+/-0.036 χ^2/NDF : 1324578.0/17

Left In: 122.913+/-0.037 χ^2/NDF : 350248.9/8

asym_cav4dQ_mean vs slug



Right In: -0.177 ± 0.397 χ^2/NDF : 25.7/13

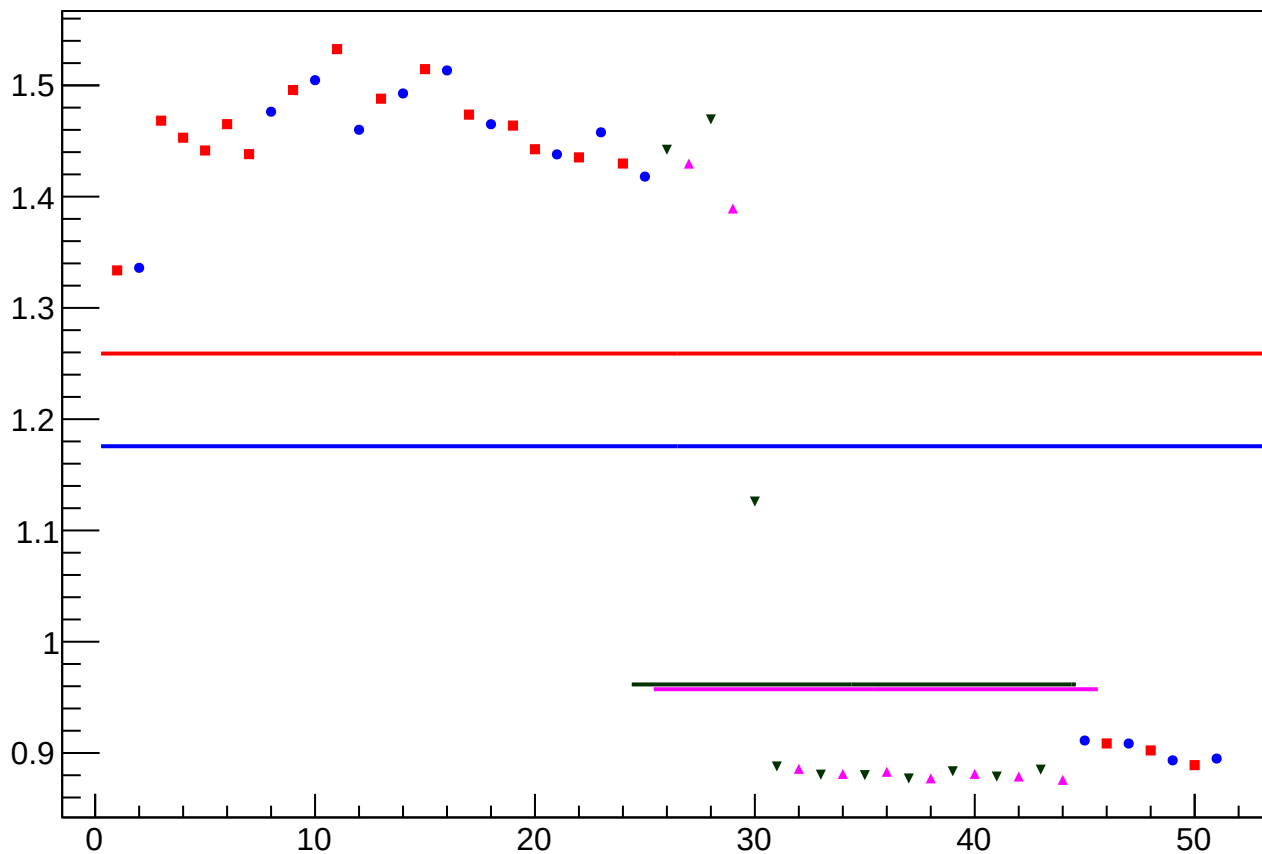
Left Out: -0.870 ± 0.428 χ^2/NDF : 8.2/9

Right Out: 0.299 ± 0.438 χ^2/NDF : 19.9/17

Left In: -0.011 ± 0.410 χ^2/NDF : 3.0/8

-0.191 ± 0.209 χ^2/NDF : 60.7/50

asym_cav4dQ_rms vs slug



Right In: 1.176+/-0.000 χ^2/NDF : 980923.8/13

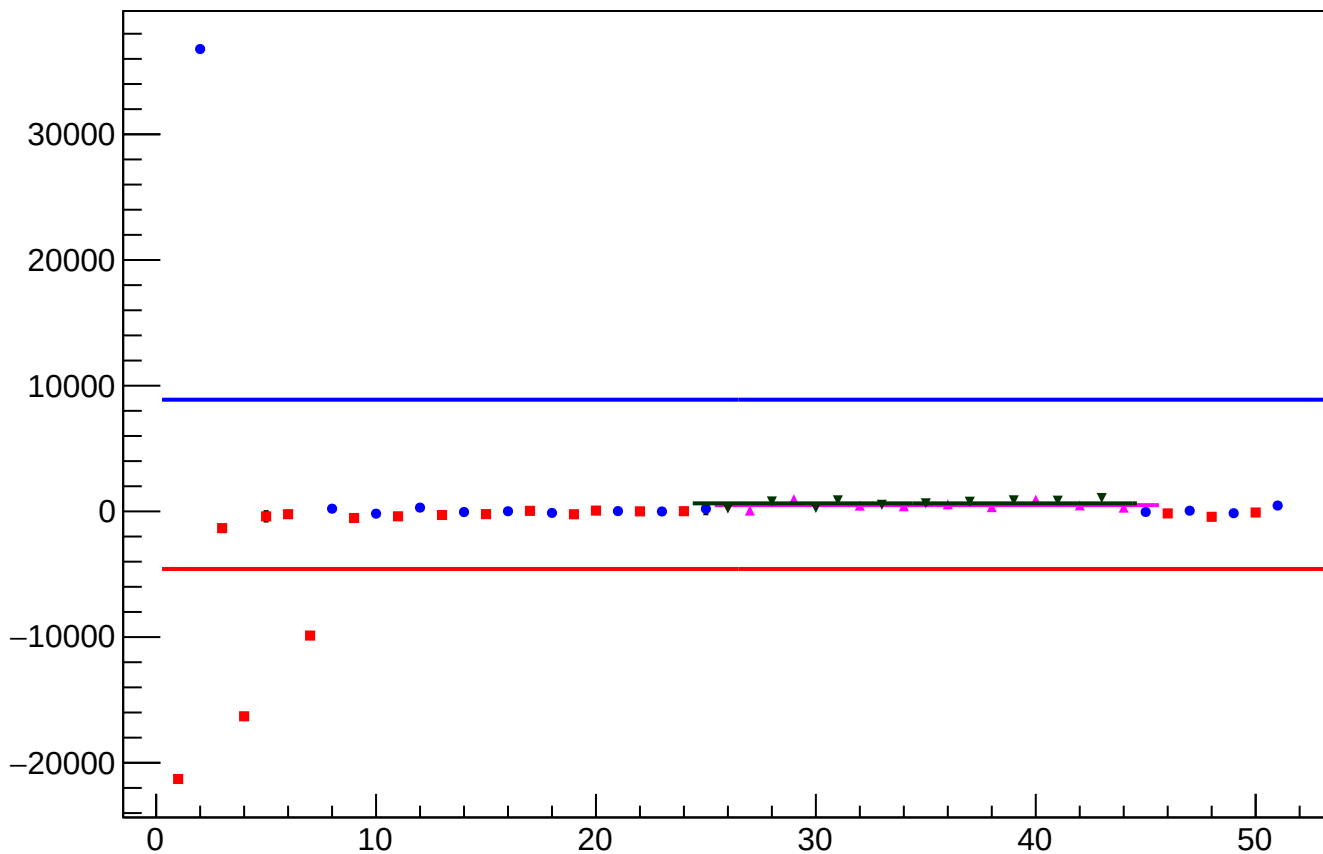
Left Out: 0.962+/-0.000 χ^2/NDF : 368279.6/9

Right Out: 1.259+/-0.000 χ^2/NDF : 759480.0/17

Left In: 0.957+/-0.000 χ^2/NDF : 411277.8/8

1.087+/-0.000 χ^2/NDF : 3299528.3/50

asym_bcm0l02_mean vs slug



Right In: 8886.301+/-53.313 χ^2/NDF : 86914.2/13

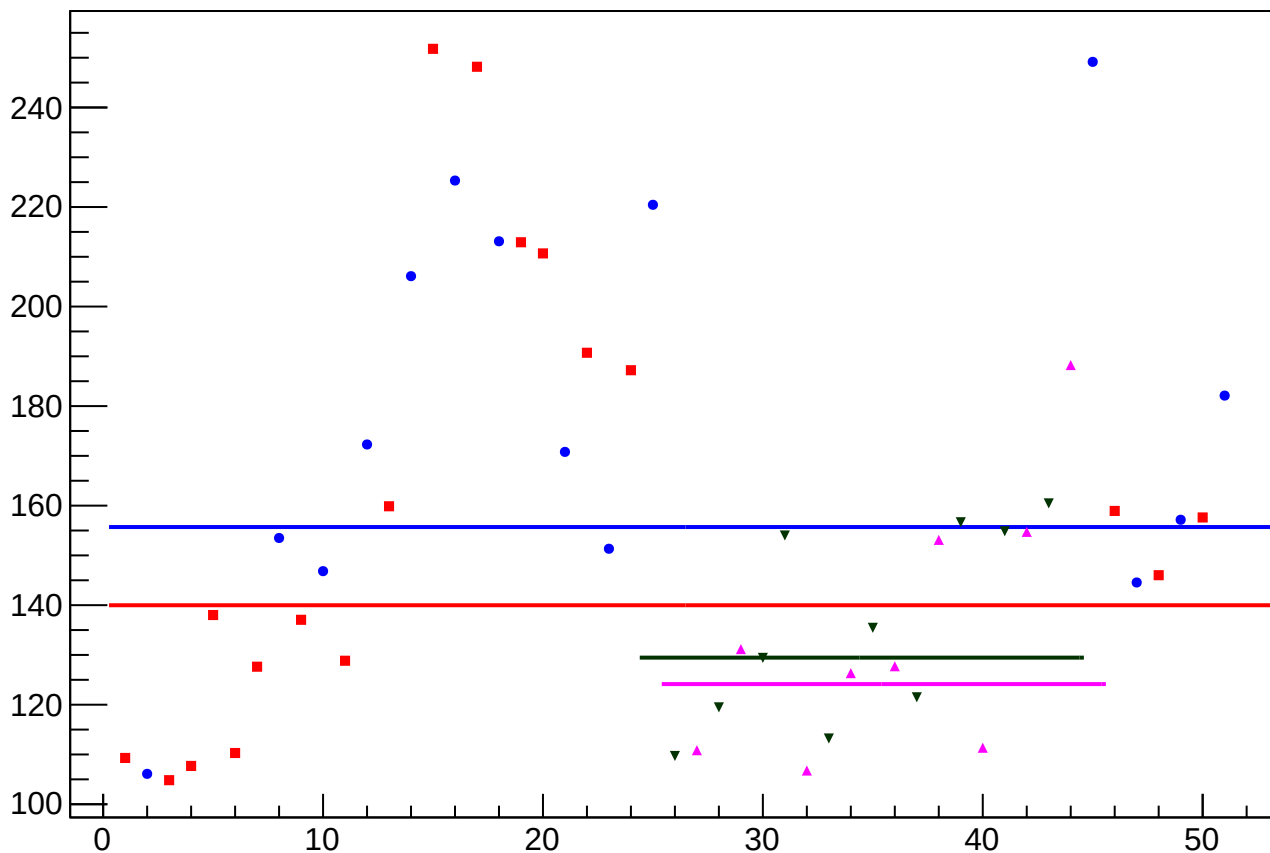
Left Out: 639.239+/-57.504 χ^2/NDF :20.2/9

Right Out: -4579.128+/-50.035 χ^2/NDF : 23825.8/17

Left In: 497.244+/-53.287 χ^2/NDF :32.6/8

1184.888+/-26.670 χ^2/NDF : 145187.9/50

asym_bcm0l02_rms vs slug



Right In: 155.700 $\pm$ 0.038 χ^2 /NDF: 984565.4/13

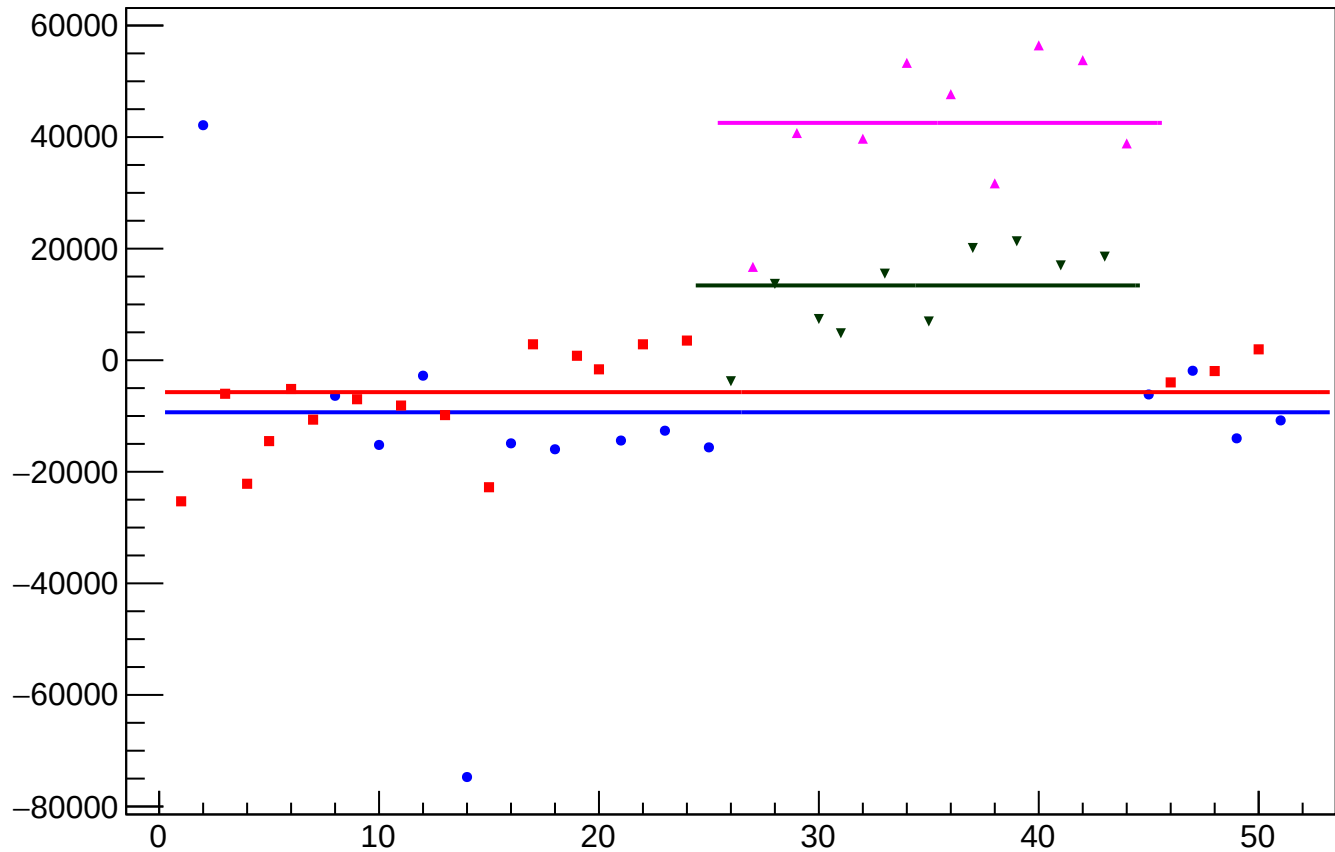
Left Out: 129.459 $\pm$ 0.041 χ^2 /NDF: 182455.9/9

137.685 $\pm$ 0.019 χ^2 /NDF: 2969092.3/50

Right Out: 139.985 $\pm$ 0.035 χ^2 /NDF: 1113950.7/17

Left In: 124.143 $\pm$ 0.038 χ^2 /NDF: 285457.0/8

asym_bpm2i01WS_mean vs slug



Right In: -9331.146+/-36.402 χ^2/NDF : 443667.3/13

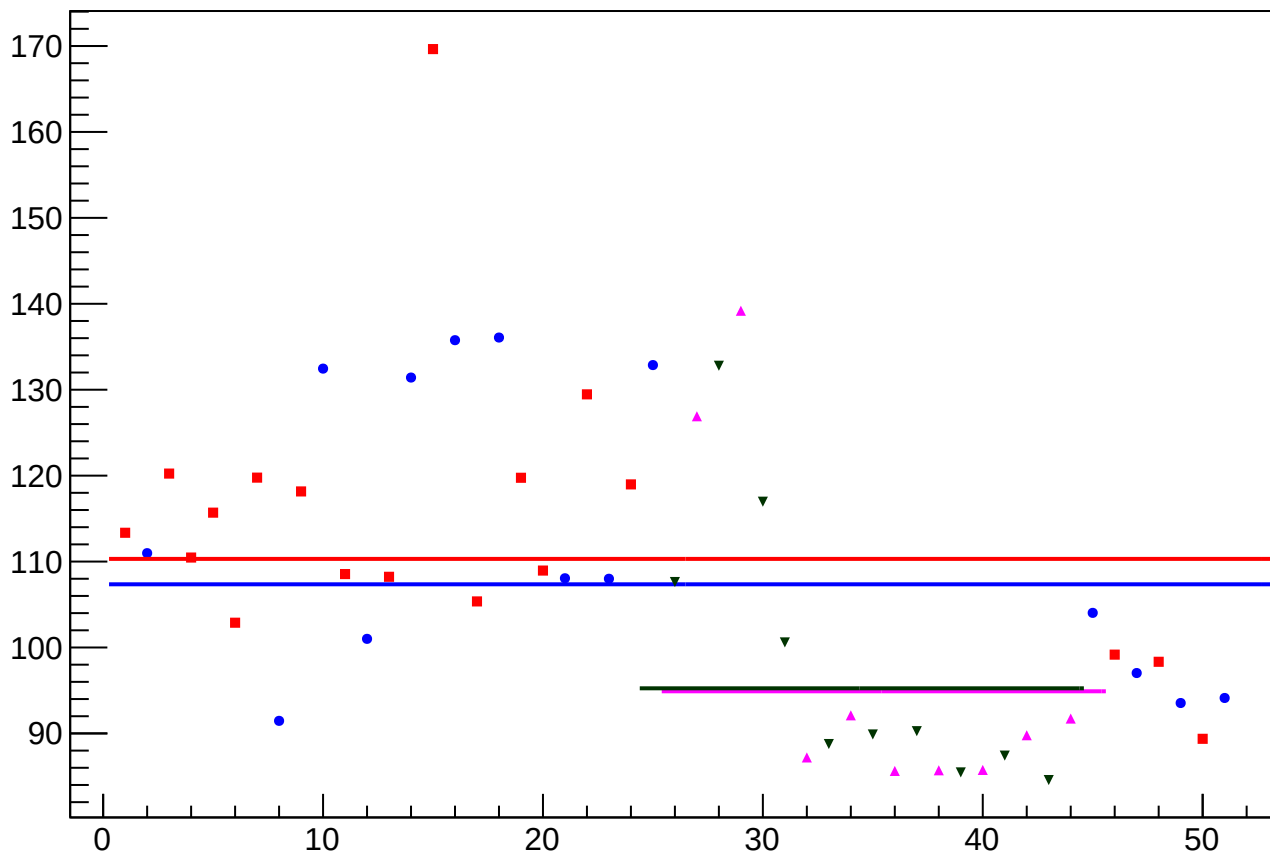
Left Out: 13405.362+/-42.893 χ^2/NDF : 28720.4/9

Right Out: -5722.349+/-38.960 χ^2/NDF : 47888.5/17

Left In: 42545.770+/-41.419 χ^2/NDF : 71340.1/8

8376.328+/-19.842 χ^2/NDF : 1653527.1/50

asym_bpm2i01WS_rms vs slug



Right In: 107.354+/-0.026 χ^2/NDF : 355684.9/13

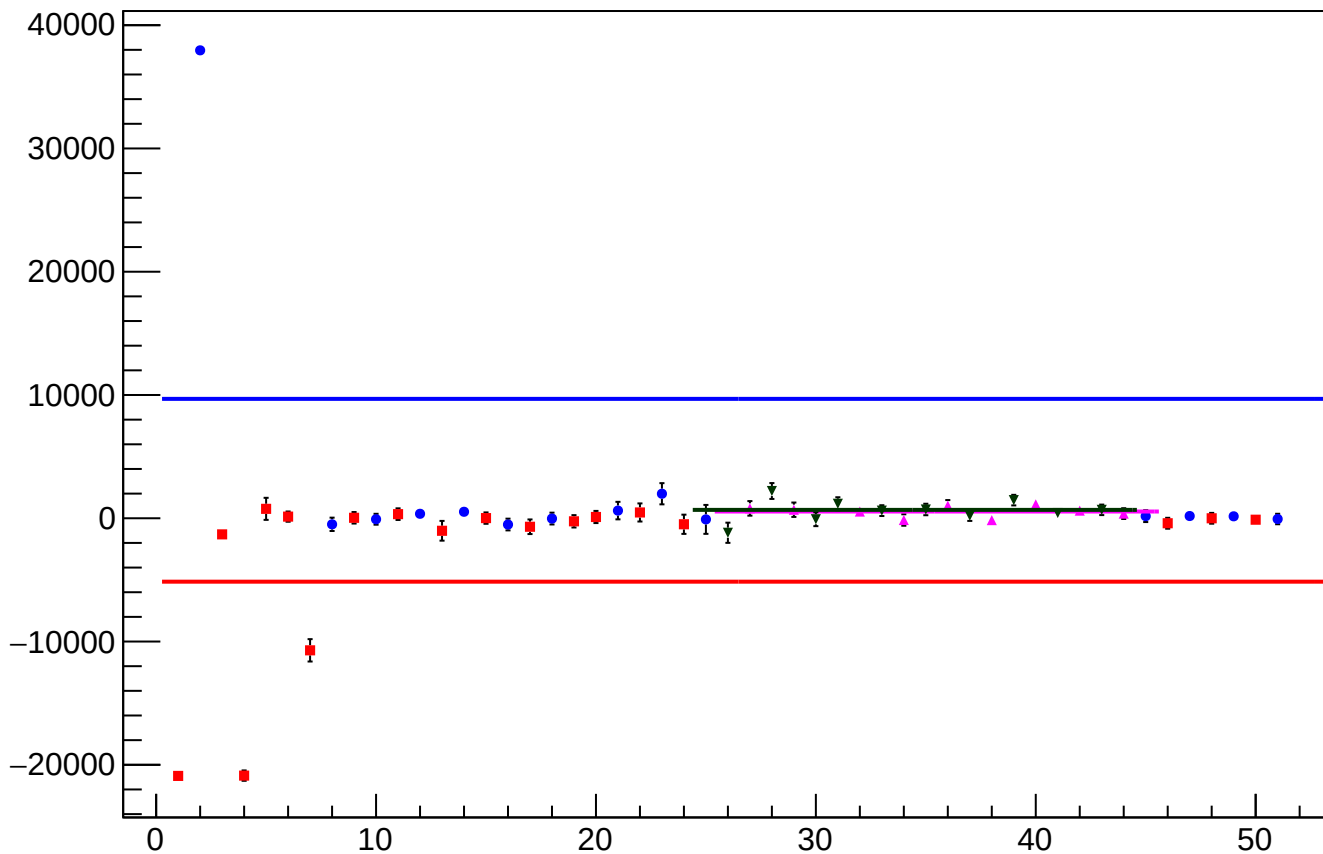
Left Out: 95.249+/-0.030 χ^2/NDF : 204901.3/9

Right Out: 110.310+/-0.028 χ^2/NDF : 272070.2/17

Left In: 94.902+/-0.029 χ^2/NDF : 314279.6/8

102.673+/-0.014 χ^2/NDF : 1387171.5/50

asym_bpm0i07WS_mean vs slug



Right In: 9685.641 $\pm$ 108.421 χ^2 /NDF: 22955.1/13

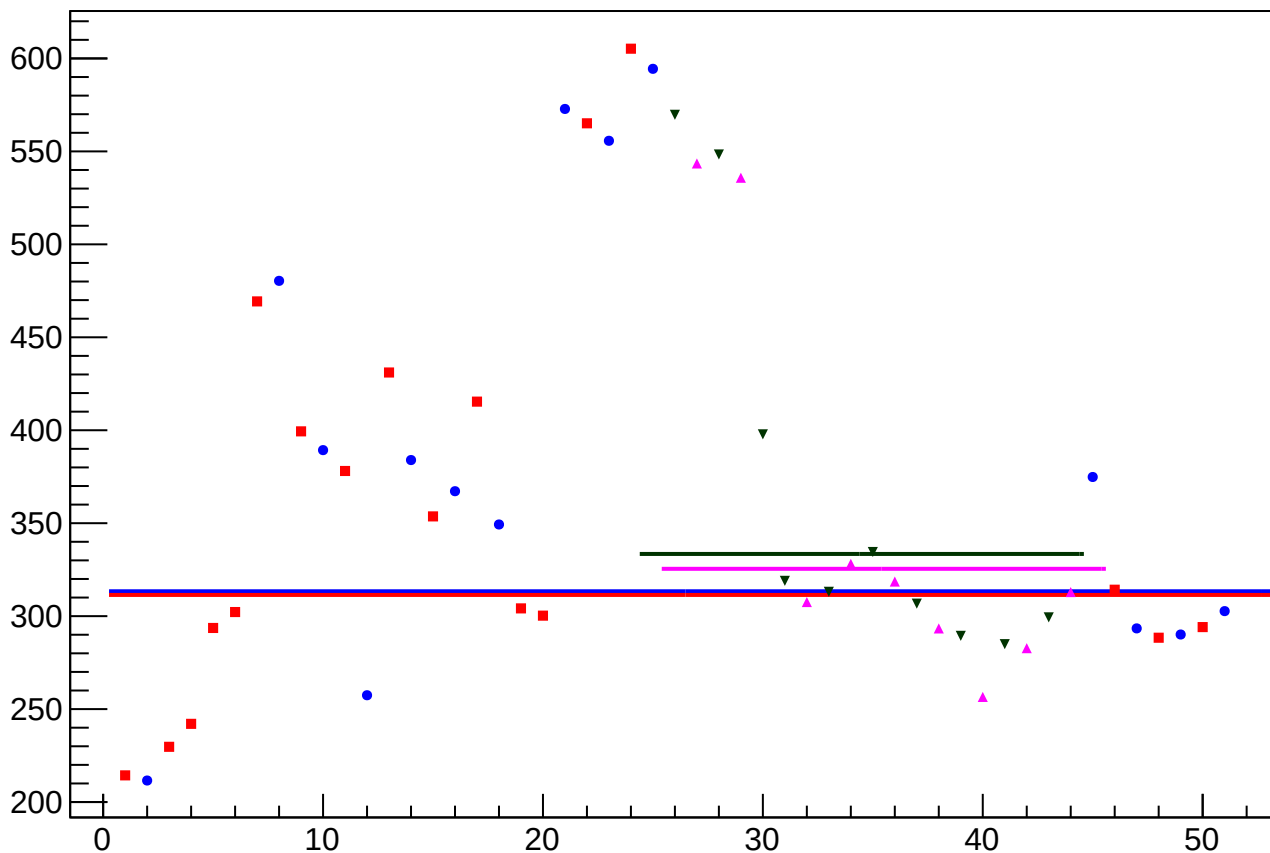
Left Out: 679.433 $\pm$ 150.483 χ^2 /NDF: 18.7/9

Right Out: -5144.003 $\pm$ 112.090 χ^2 /NDF: 6084.0/17

Left In: 547.386 $\pm$ 141.487 χ^2 /NDF: 9.2/8

1823.530 $\pm$ 62.164 χ^2 /NDF: 38328.4/50

asym_bpm0i07WS_rms vs slug



Right In: 313.382+/-0.077 χ^2/NDF : 1442018.7/13

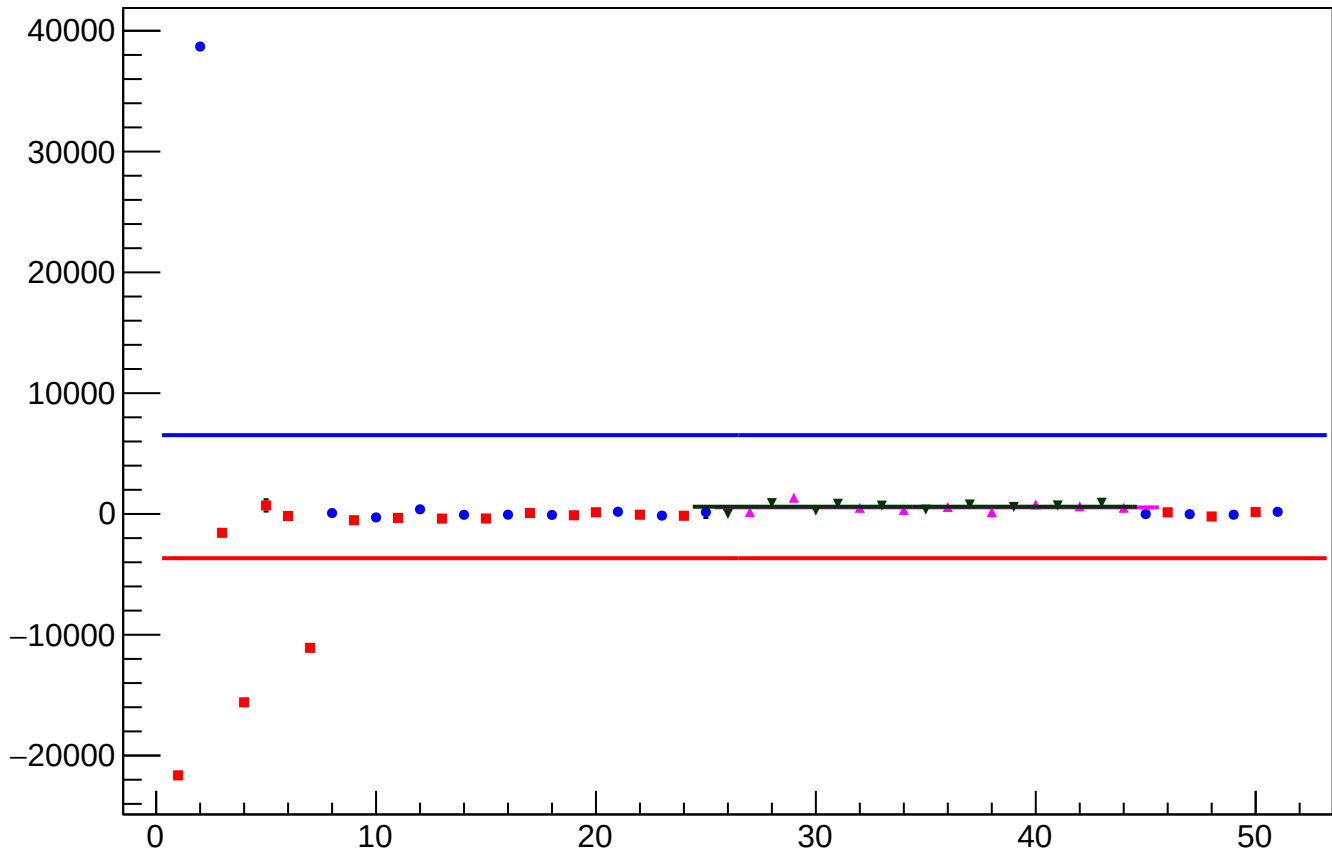
Left Out: 333.460+/-0.106 χ^2/NDF : 496634.9/9

318.535+/-0.044 χ^2/NDF : 3835195.5/50

Right Out: 311.414+/-0.079 χ^2/NDF : 1212261.6/17

Left In: 325.461+/-0.100 χ^2/NDF : 647222.0/8

asym_bpm0l01WS_mean vs slug



Right In: 6524.559+/-63.579 χ^2/NDF : 51924.2/13

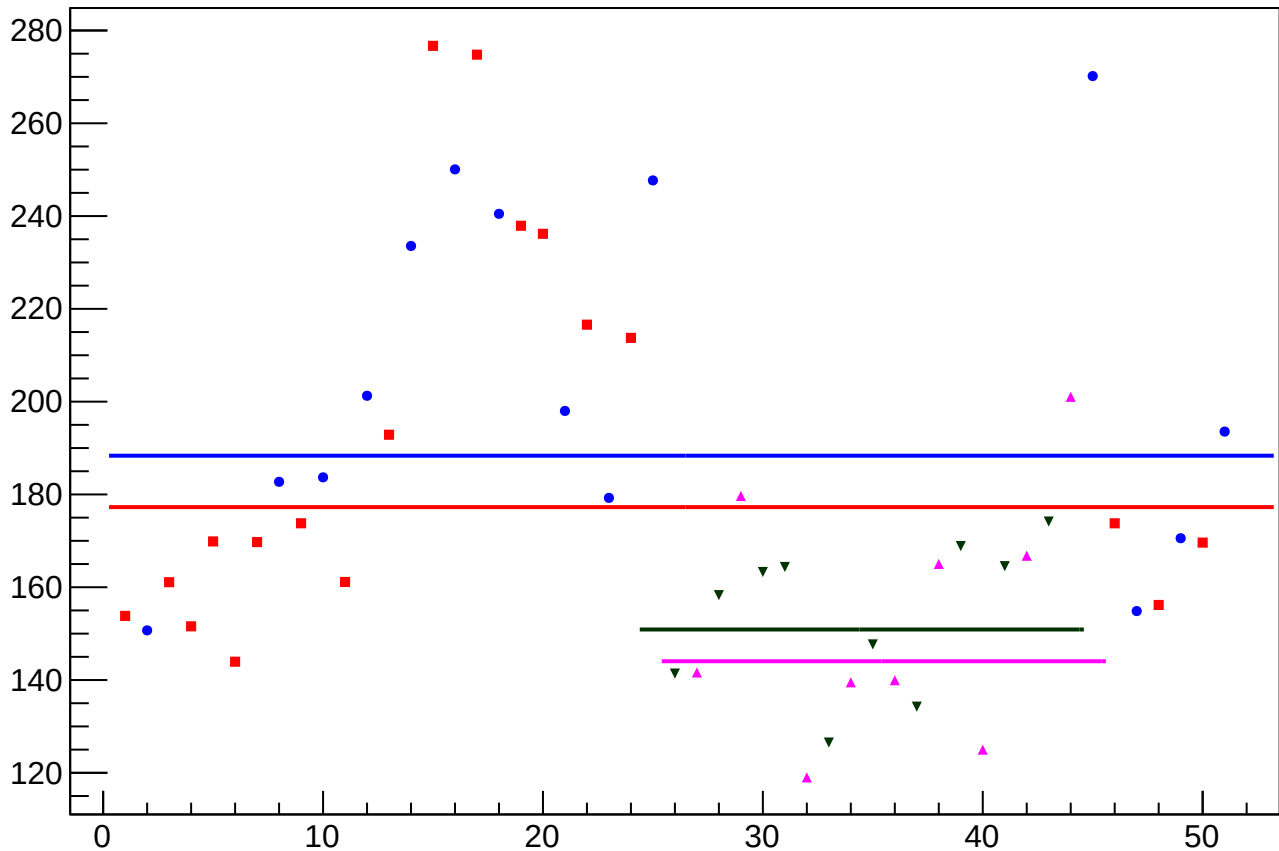
Left Out: 599.867+/-66.829 χ^2/NDF : 18.7/9

954.459+/-31.752 χ^2/NDF : 78533.3/50

Right Out: -3662.434+/-62.256 χ^2/NDF : 13314.1/17

Left In: 545.556+/-61.714 χ^2/NDF : 29.0/8

asym_bpm0l01WS_rms vs slug



Right In: 188.350 $\pm$ 0.045 χ^2/NDF : 529939.1/13

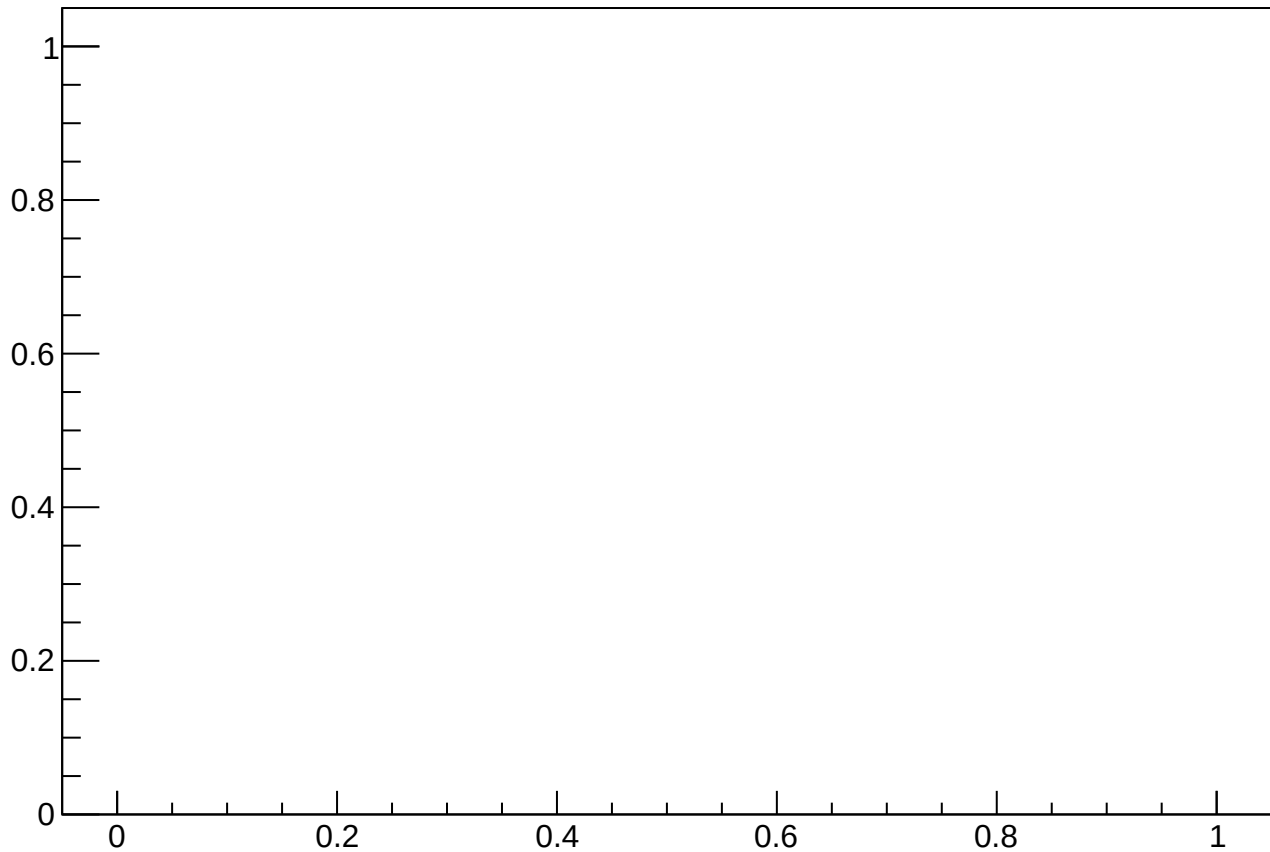
Left Out: 150.893 $\pm$ 0.047 χ^2/NDF : 108919.3/9

Right Out: 177.269 $\pm$ 0.044 χ^2/NDF : 593831.8/17

Left In: 144.049 $\pm$ 0.044 χ^2/NDF : 287751.6/8

165.285 $\pm$ 0.022 χ^2/NDF : 2187359.9/50

bcm_an_us_ds_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

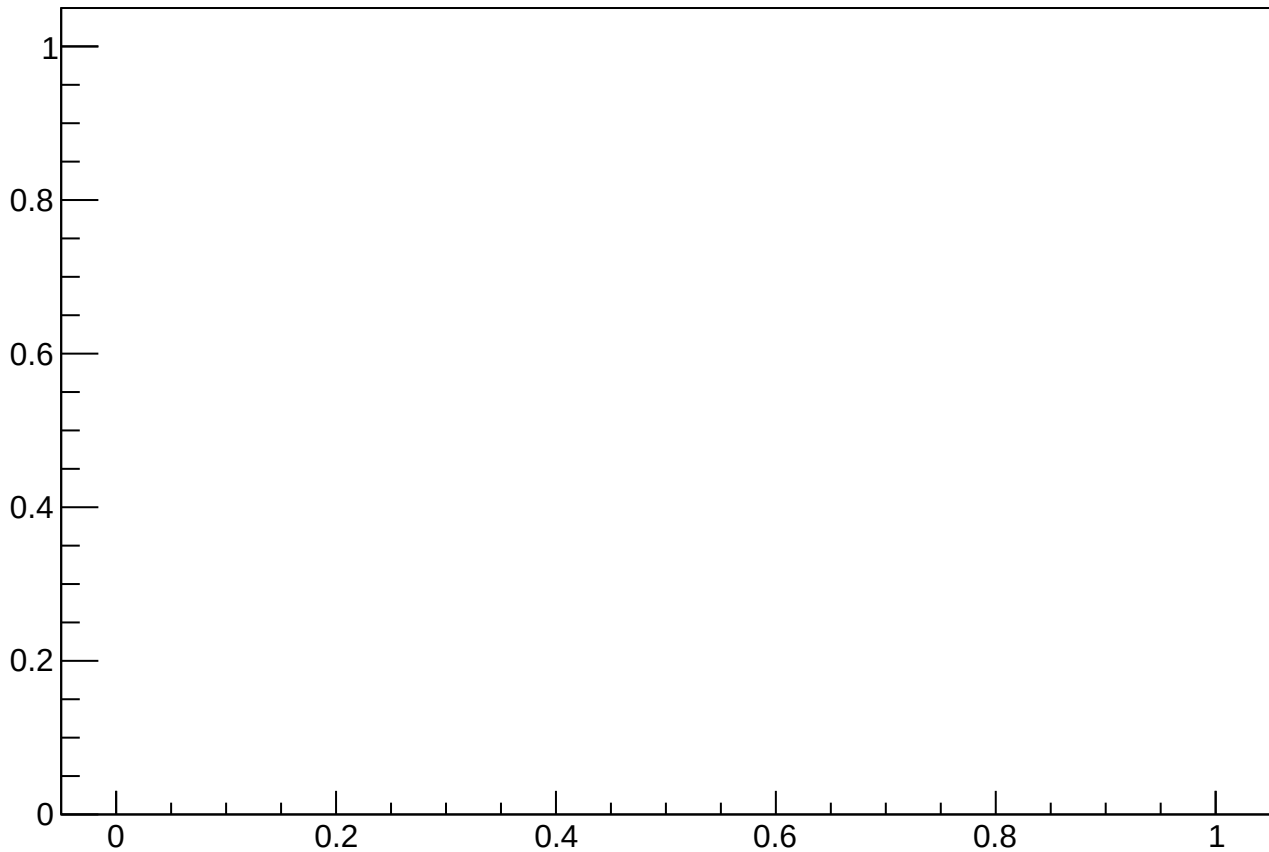
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

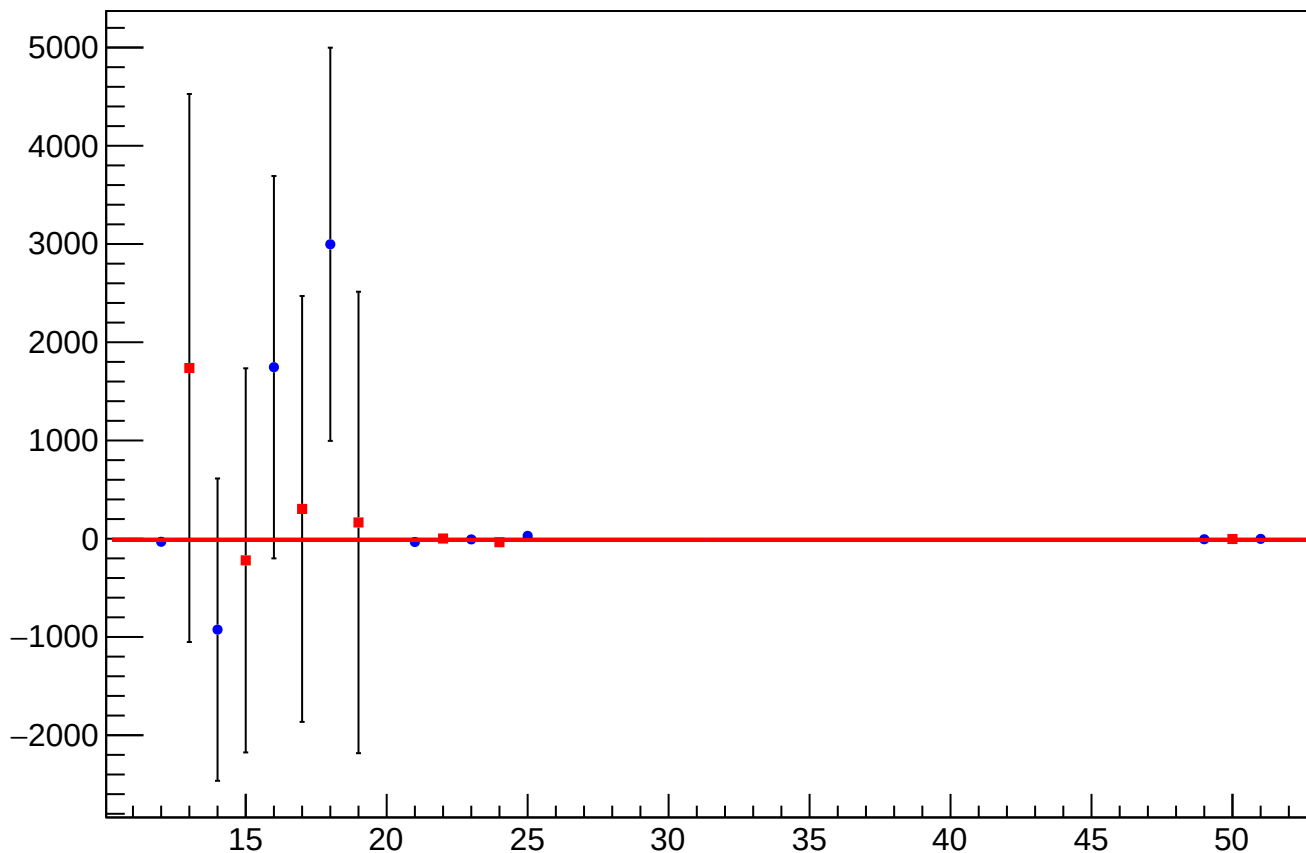
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -9.302+/-9.695 χ^2 /NDF: 6.4/8

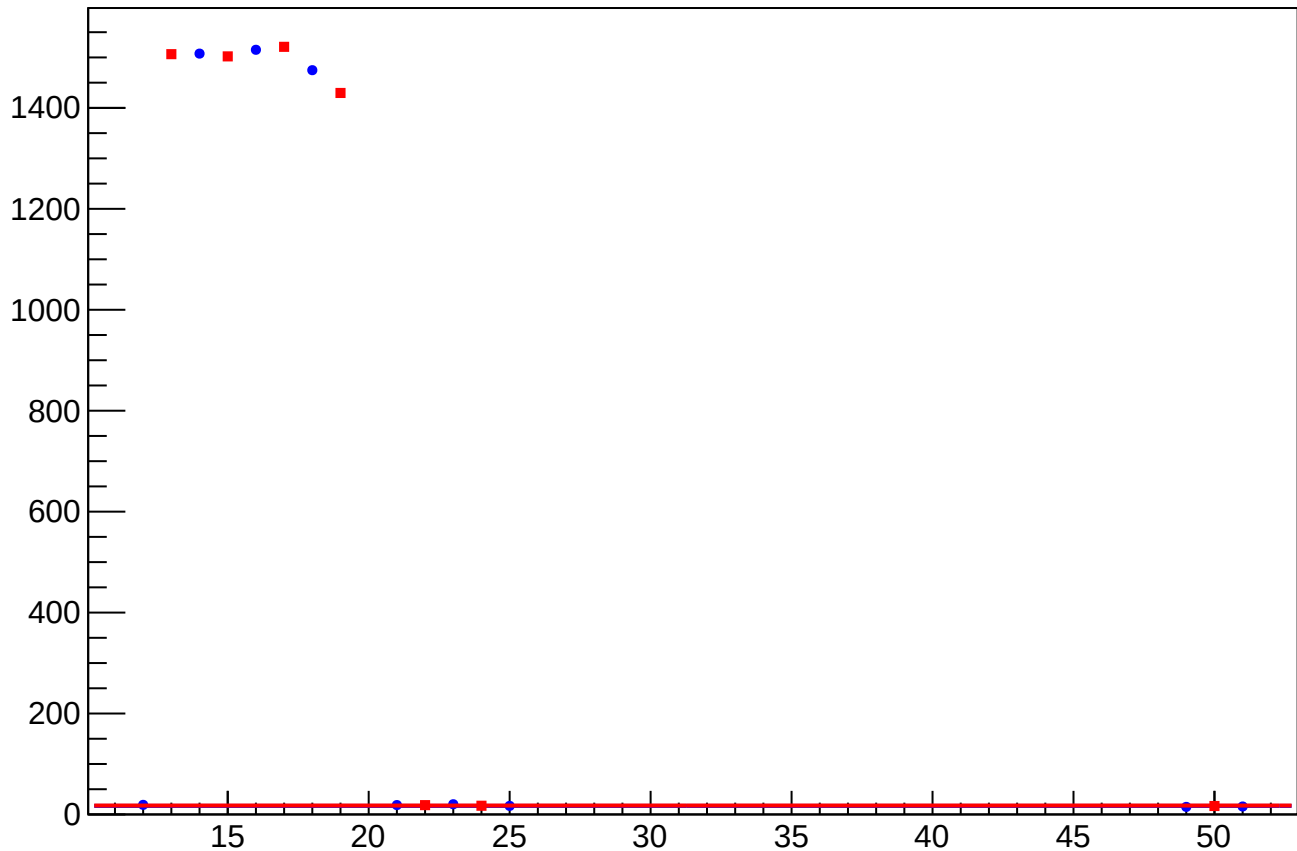
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -12.861+/-13.488 χ^2 /NDF: 2.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-10.515+/-7.872 χ^2 /NDF: 8.5/15

bcm_an_us_ds_dd _rms vs slug



Right In: 16.939+/-0.007 χ^2/NDF : 4199968.0/8

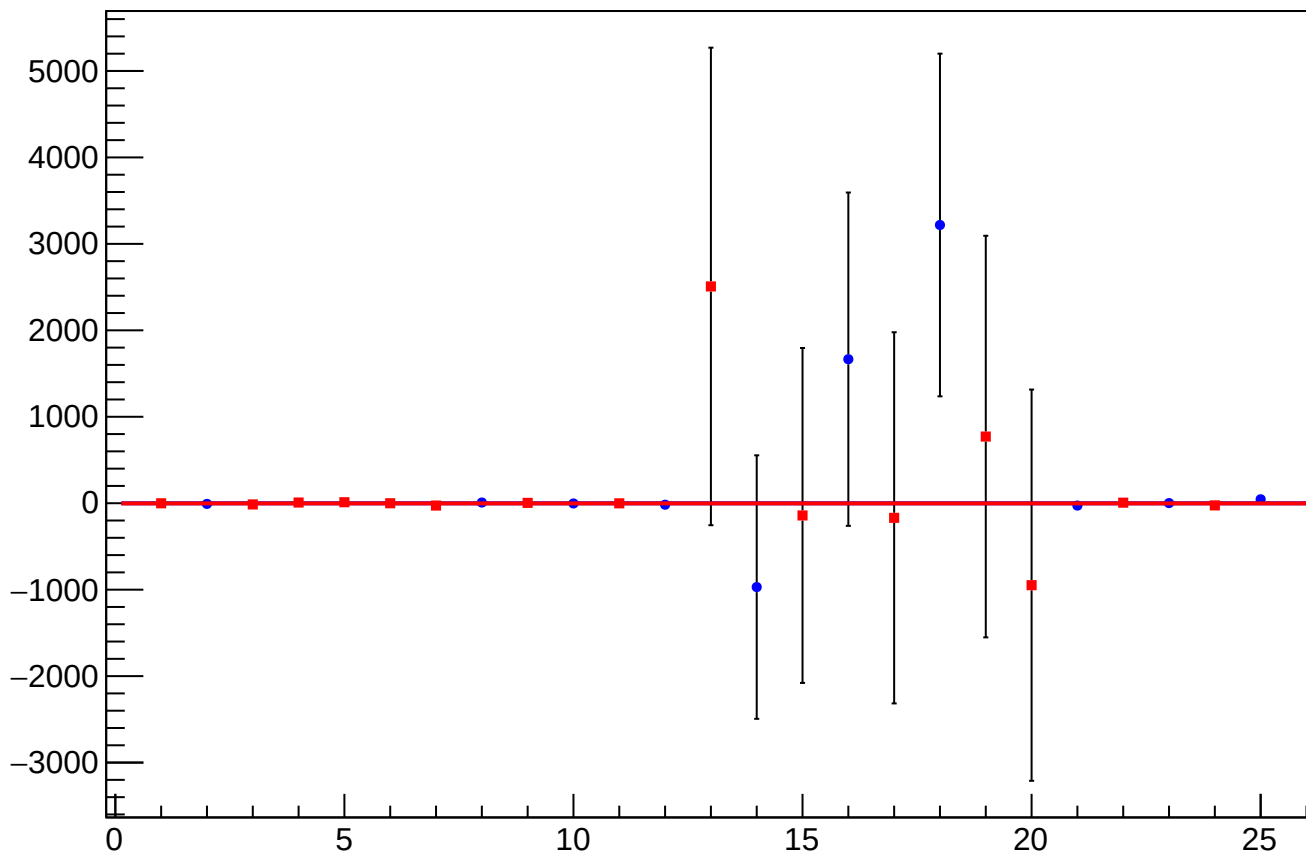
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.189+/-0.006 χ^2/NDF : 7617352.7/15

Right Out: 17.672+/-0.010 χ^2/NDF : 3413498.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_dd_mean vs slug



Right In: -0.708+/-5.405 χ^2/NDF : 8.6/9

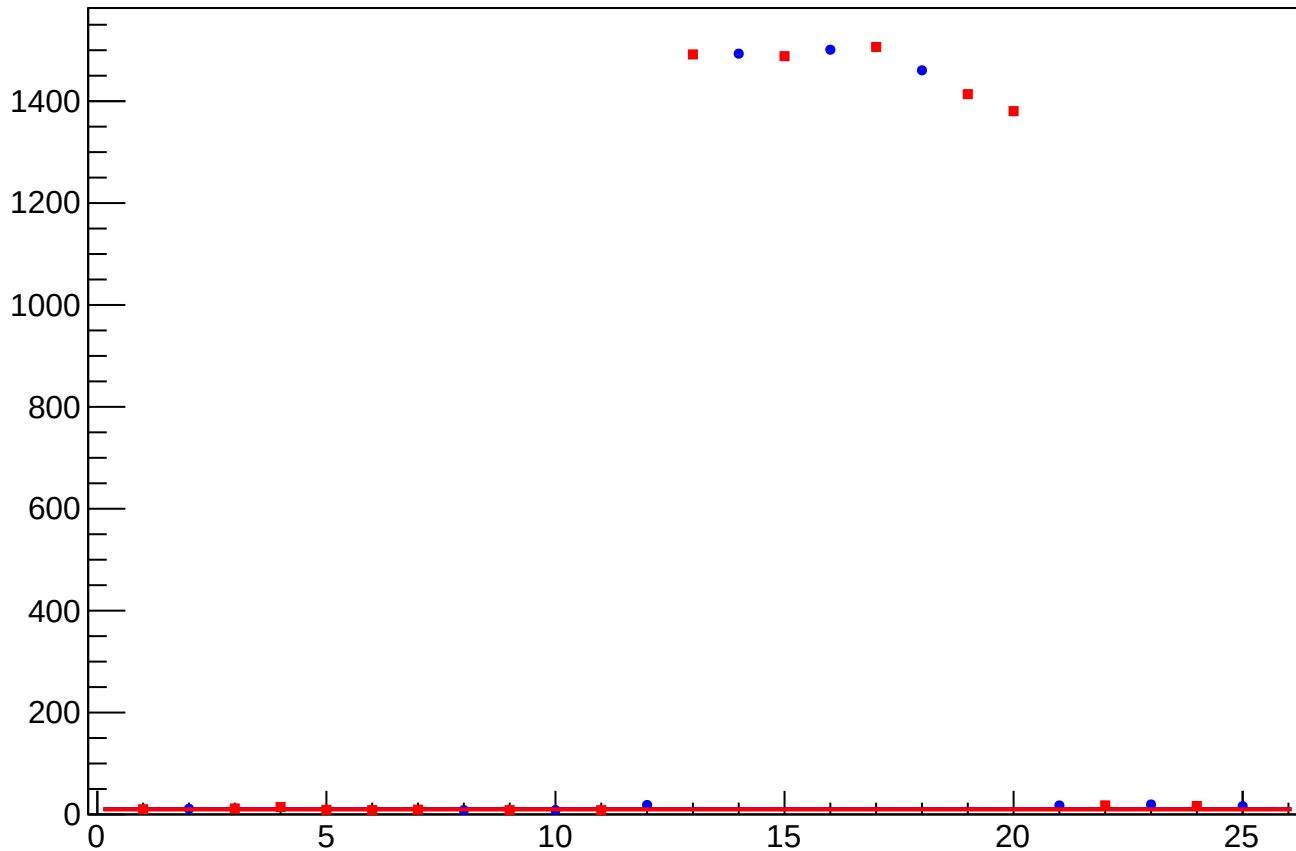
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.112+/-4.660 χ^2/NDF : 5.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.513+/-3.530 χ^2/NDF : 14.0/24

bcm_an_us_ds3_dd_rms vs slug



Right In: 10.460+/-0.004 χ^2/NDF : 4924662.9/9

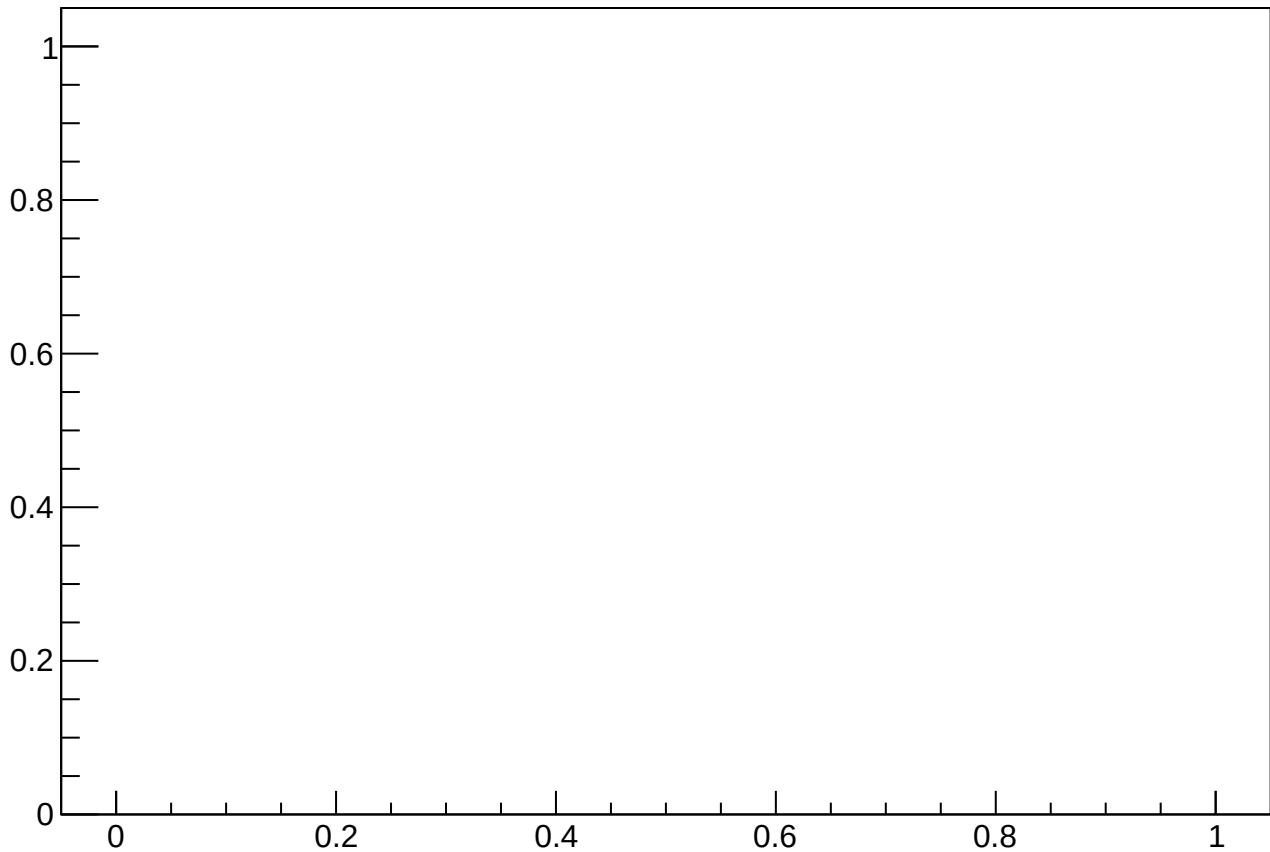
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.922+/-0.003 χ^2/NDF : 4786628.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.152+/-0.002 χ^2/NDF : 9722660.7/24

bcm_an_ds_ds3_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_ds_ds3_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

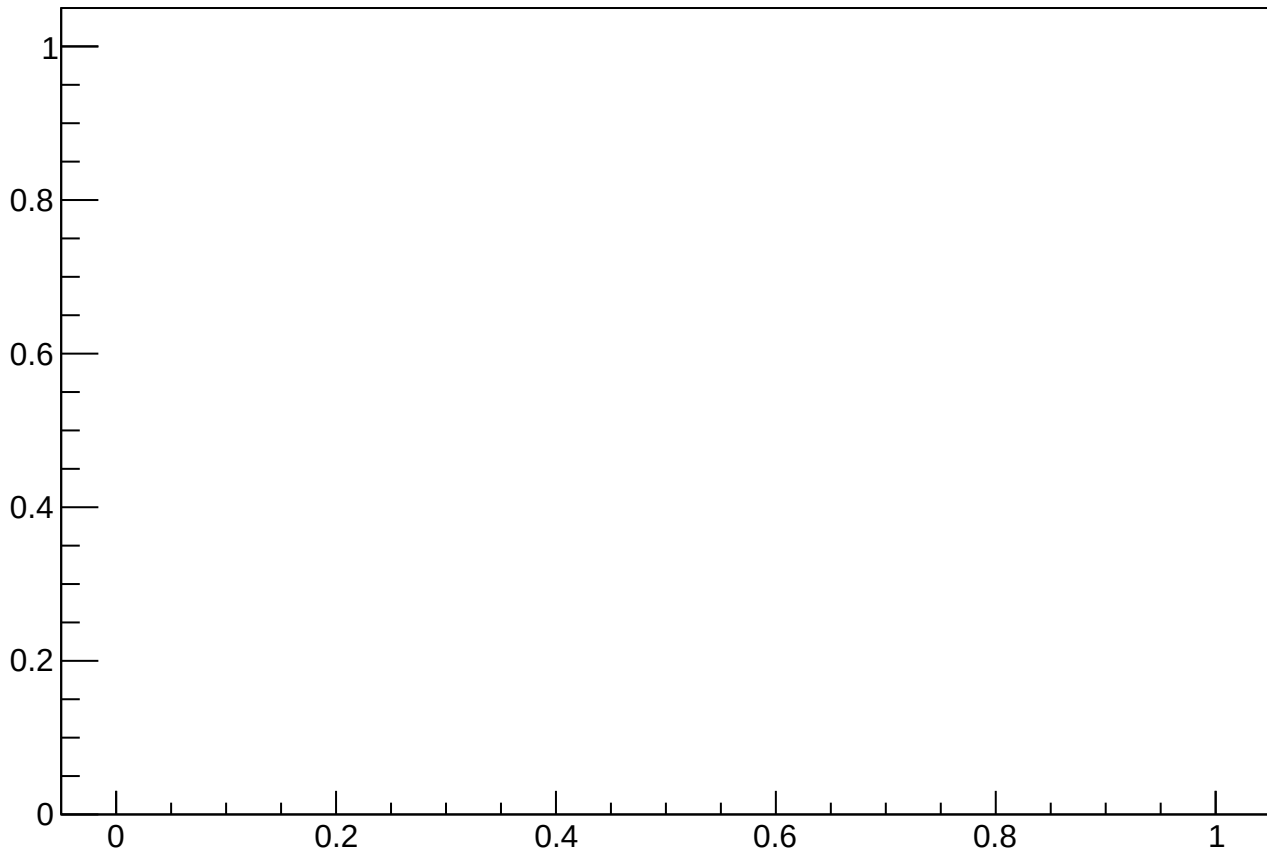
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

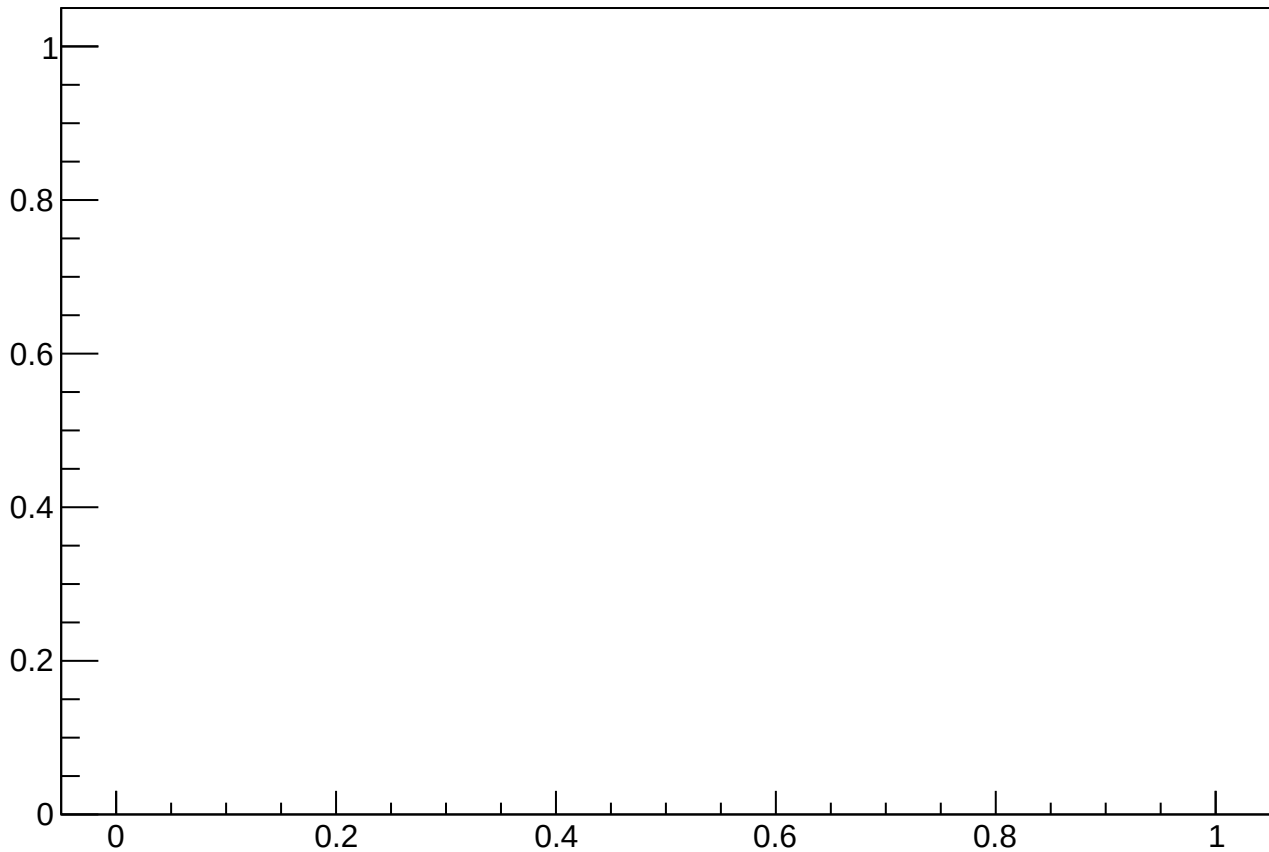
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

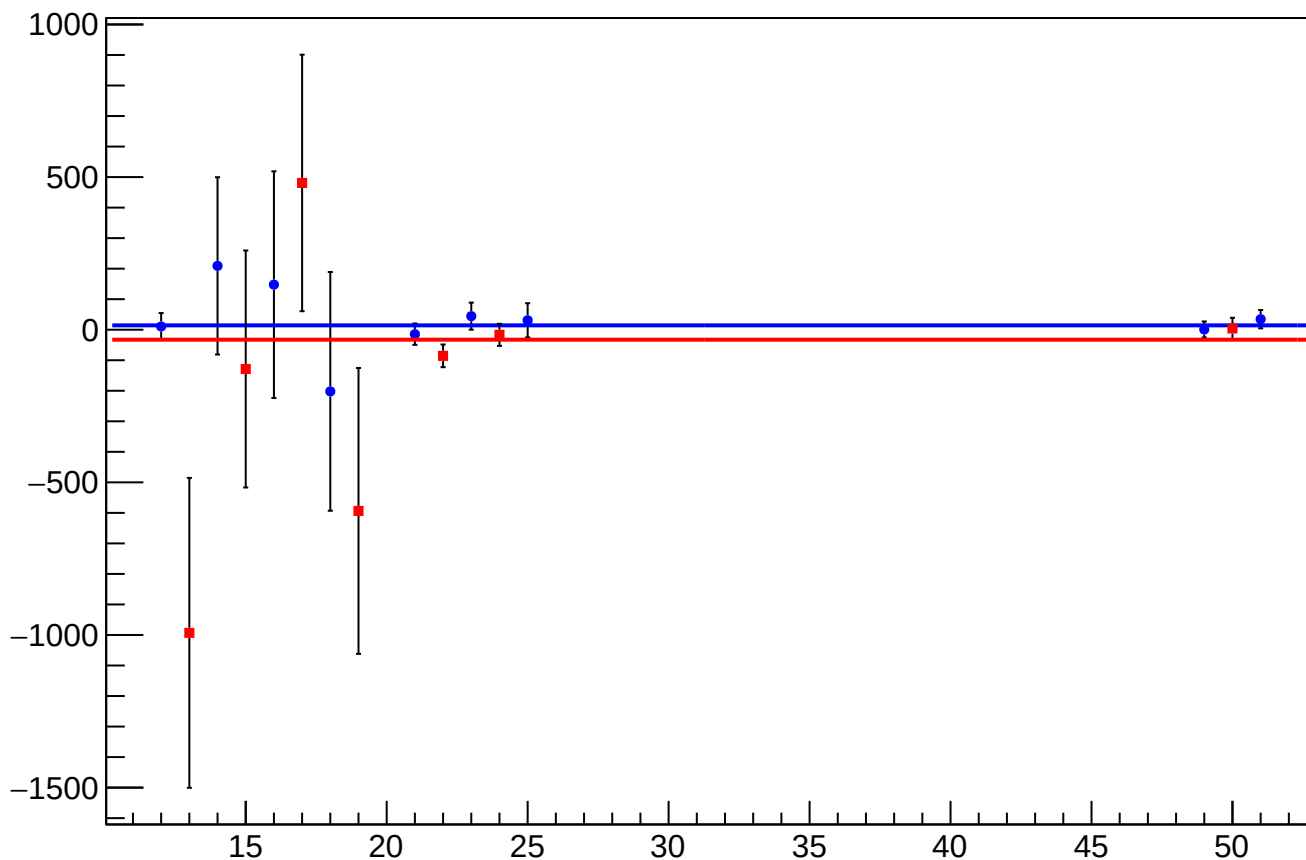
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_mean vs slug



Right In: 14.272+/-14.491 χ^2/NDF : 2.8/8

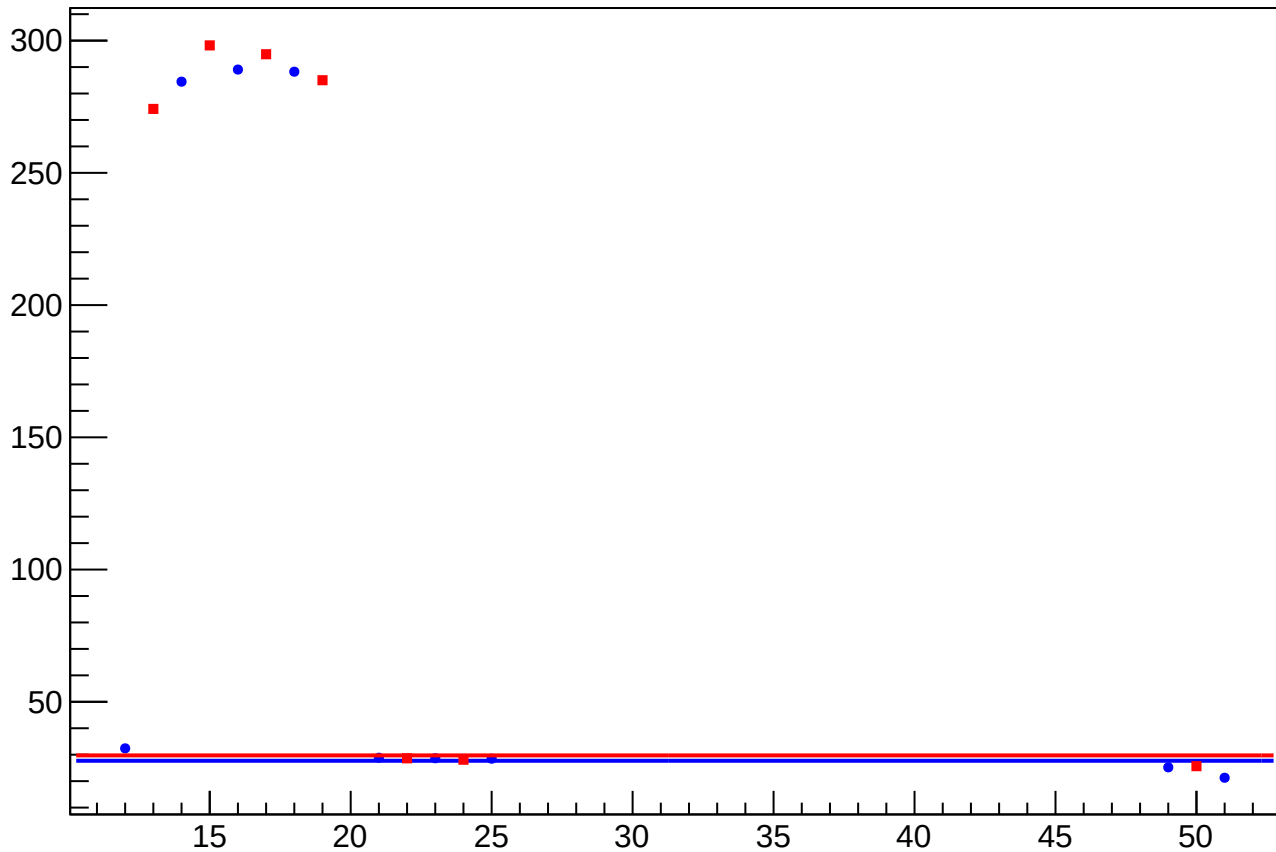
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.612+/-20.693 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.154+/-11.870 χ^2/NDF : 16.2/15

bcm_dg_us_ds_dd _rms vs slug



Right In: 27.706+/-0.010 χ^2 /NDF: 3578989.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.373+/-0.008 χ^2 /NDF: 6435882.3/15

Right Out: 29.733+/-0.015 χ^2 /NDF: 2844019.2/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds3_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

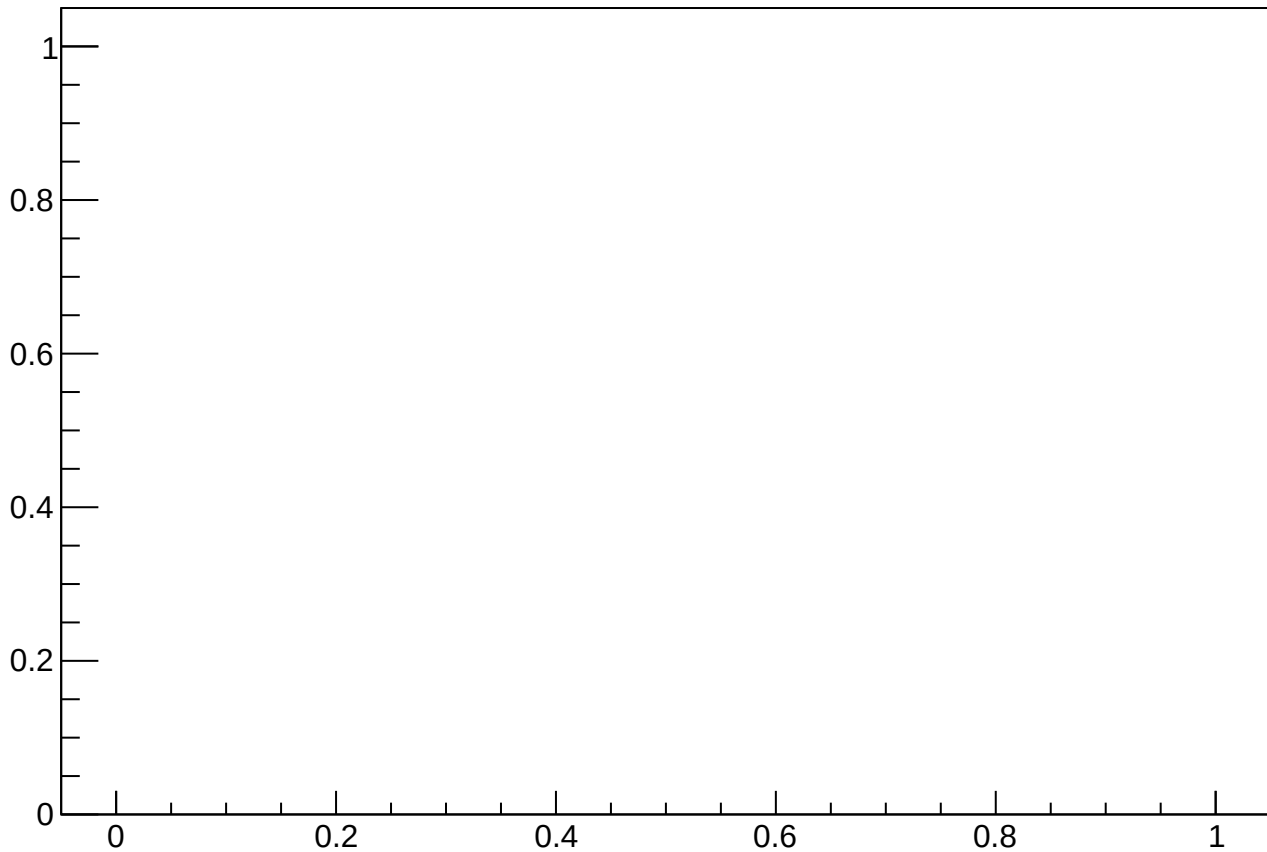
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

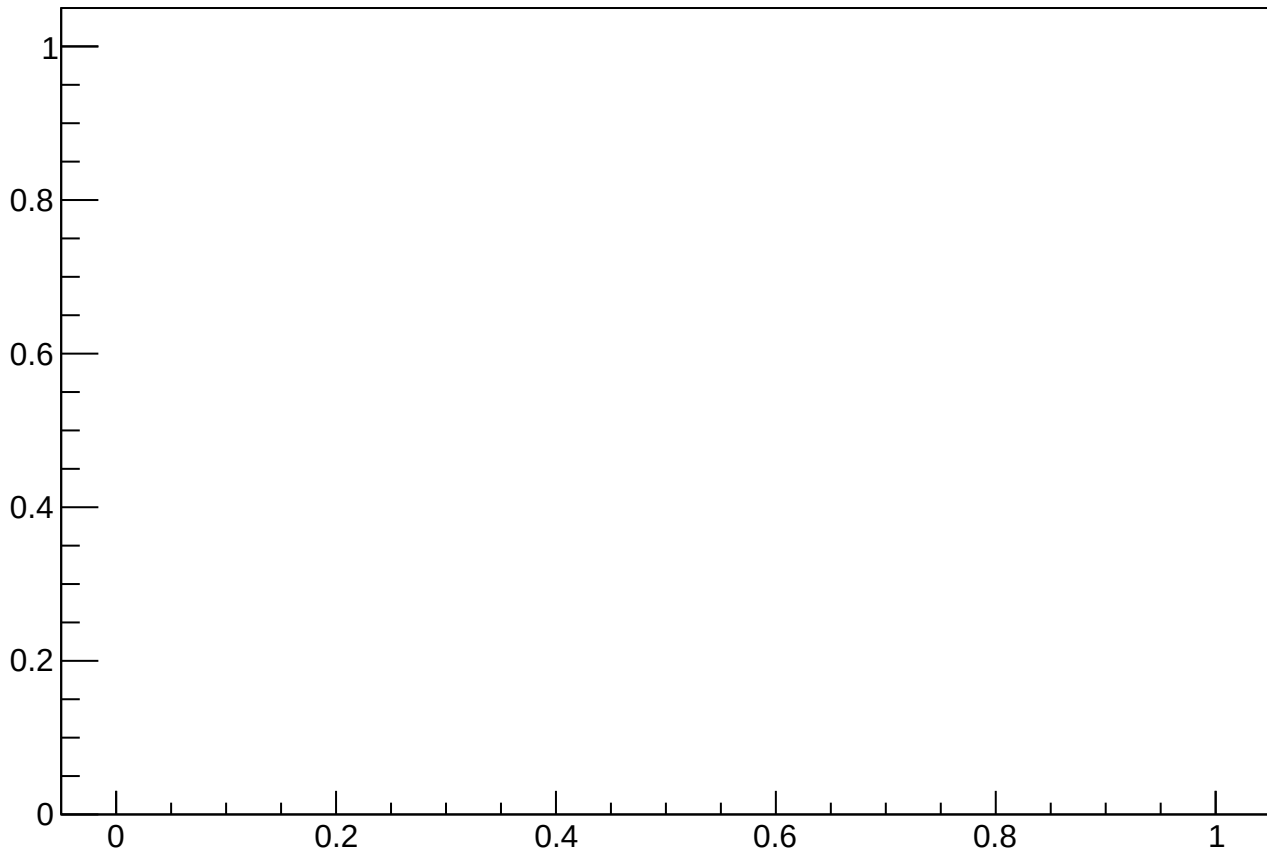
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

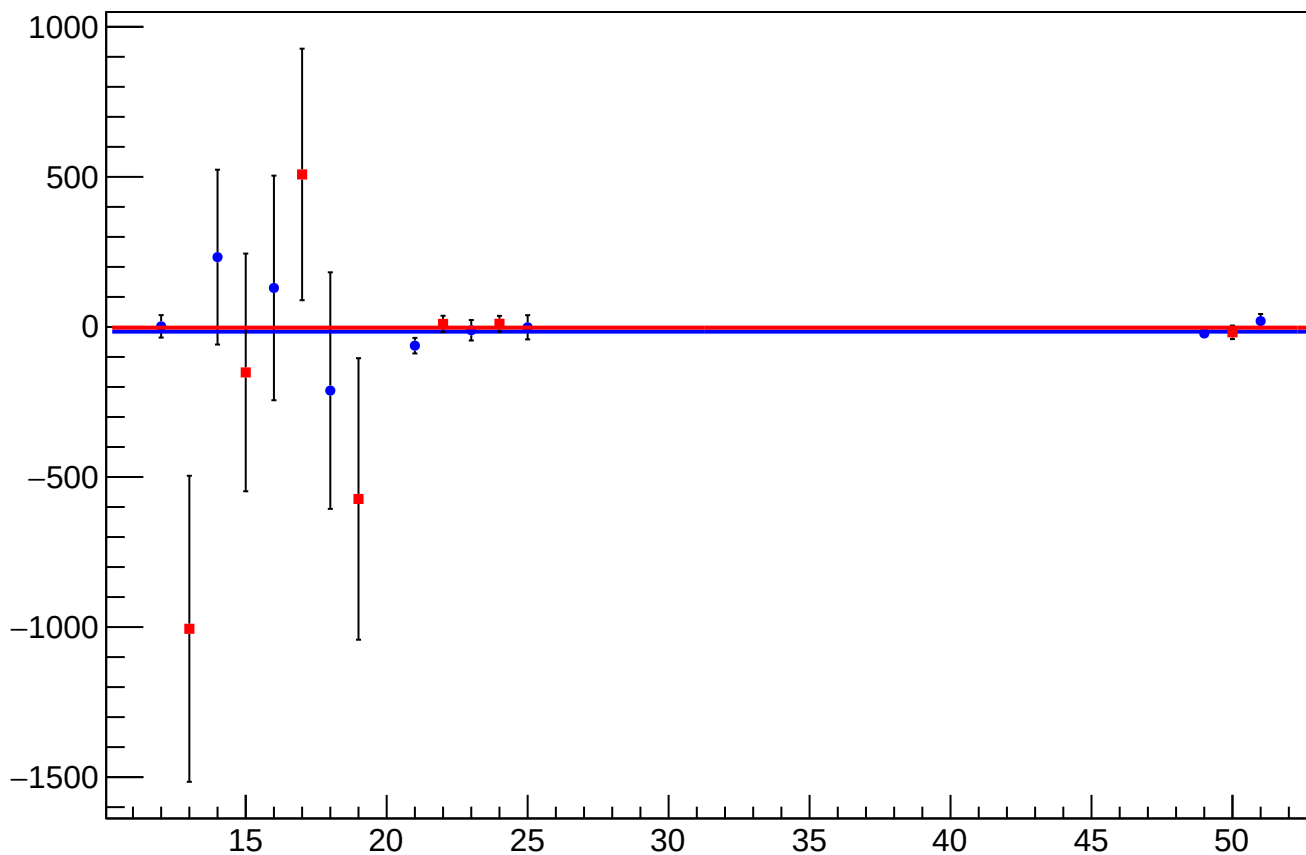
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -15.602 $\pm$ 10.511 χ^2 /NDF: 7.1/8

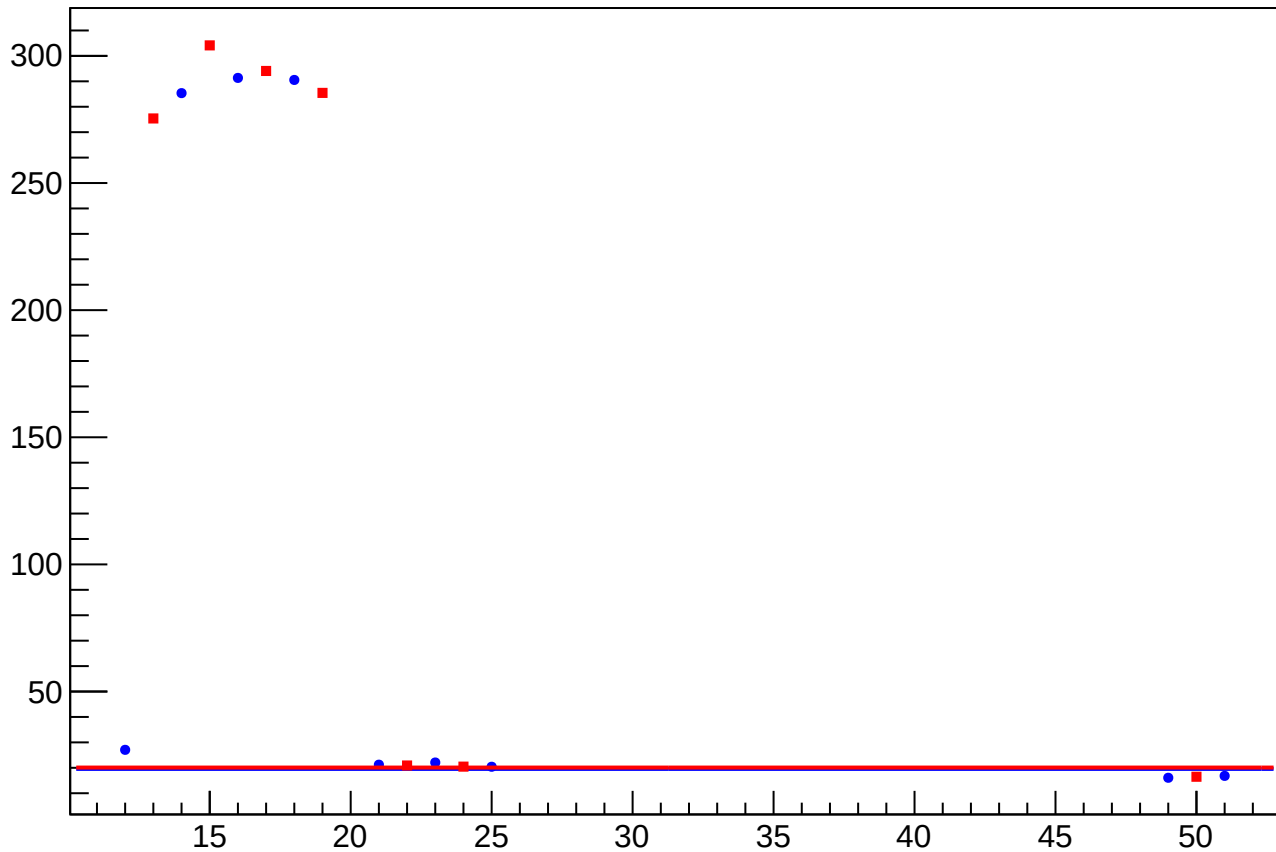
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.341 $\pm$ 14.431 χ^2 /NDF: 7.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.006 $\pm$ 8.496 χ^2 /NDF: 15.6/15

bcm_dg_ds_ds_dd _rms vs slug



Right In: 19.565+/-0.007 χ^2/NDF : 3879359.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.749+/-0.006 χ^2/NDF : 6960607.7/15

Right Out: 20.097+/-0.010 χ^2/NDF : 3079476.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

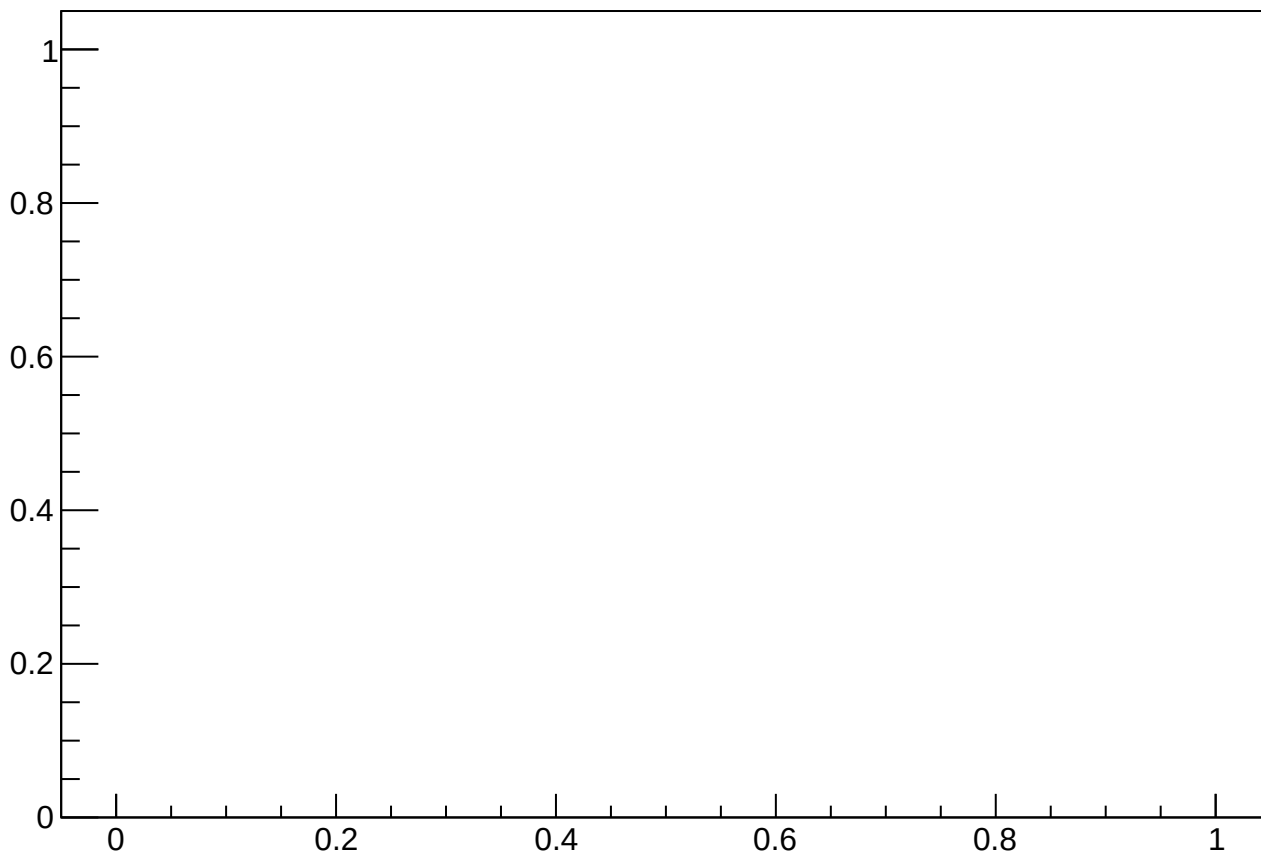
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd _rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

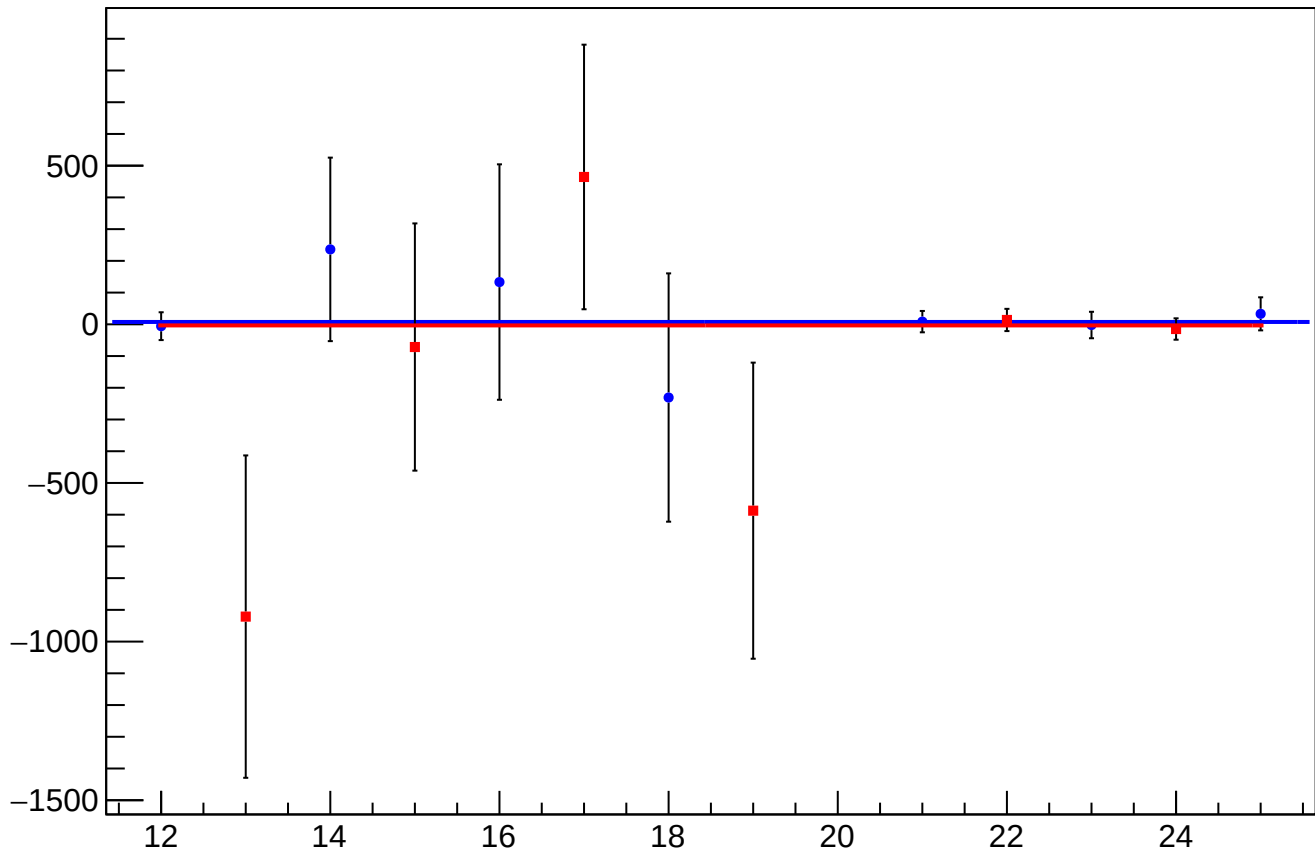
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

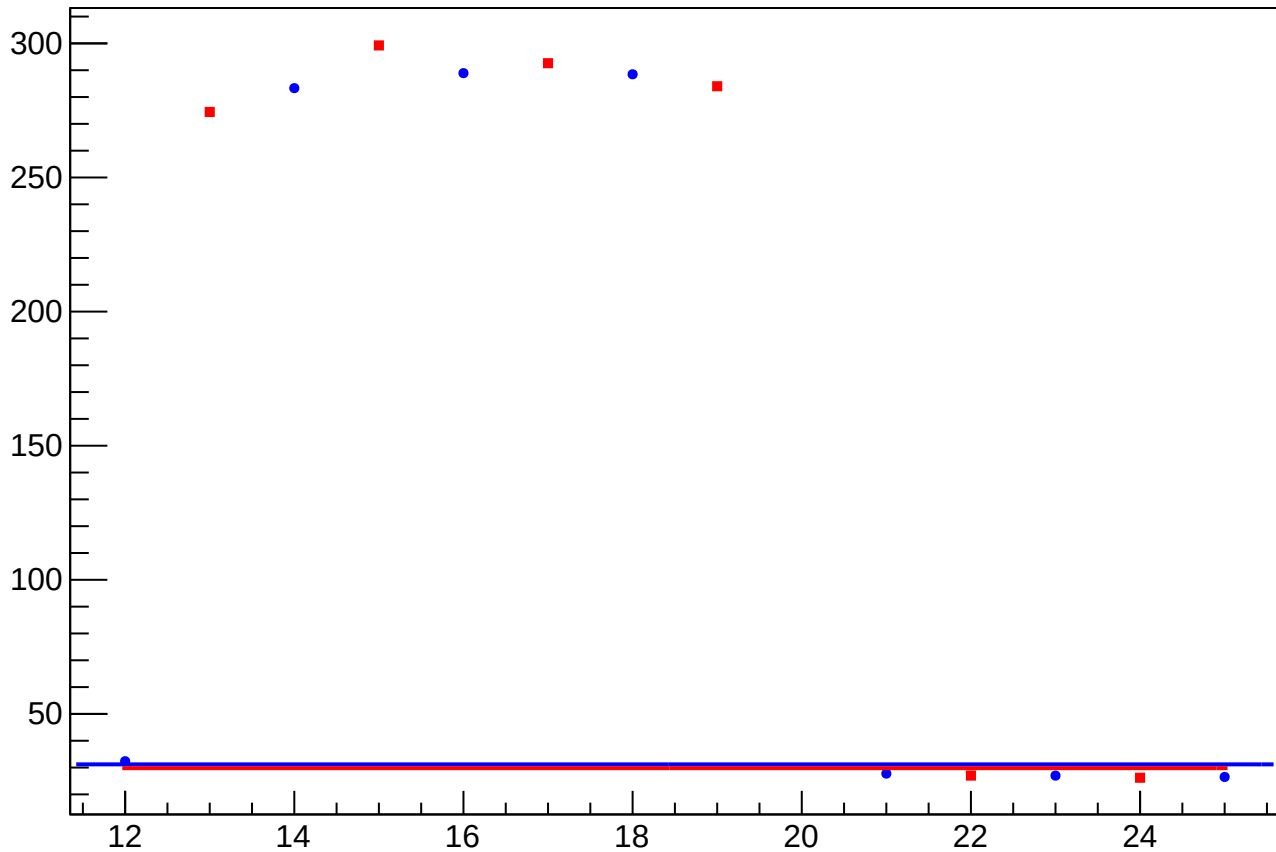
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd _rms vs slug



Right In: 31.193+/-0.015 χ^2/NDF : 3408382.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.598+/-0.011 χ^2/NDF : 6256207.0/12

Right Out: 29.778+/-0.017 χ^2/NDF : 2843835.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

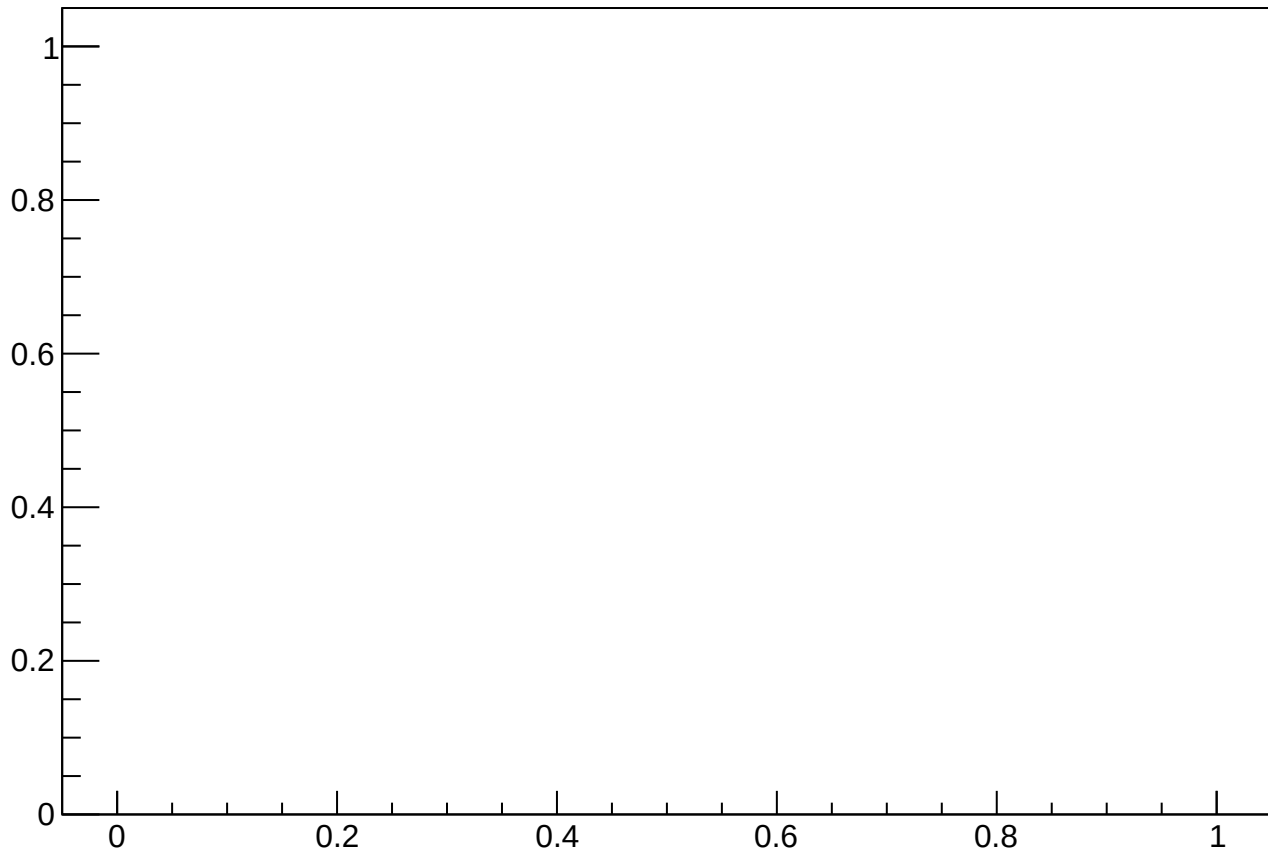
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

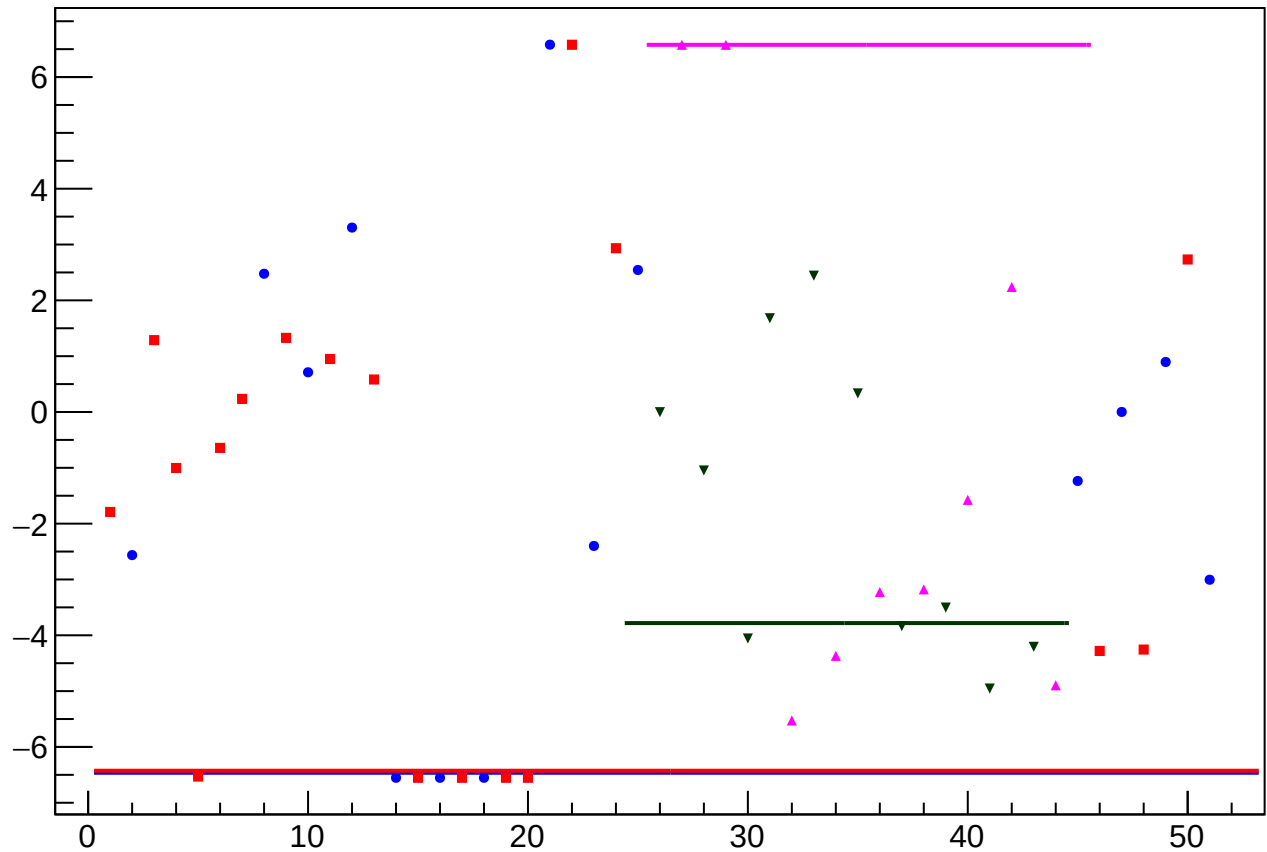
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -6.463 ± 0.000 $\chi^2/\text{NDF}: 127750019152225.4/13$

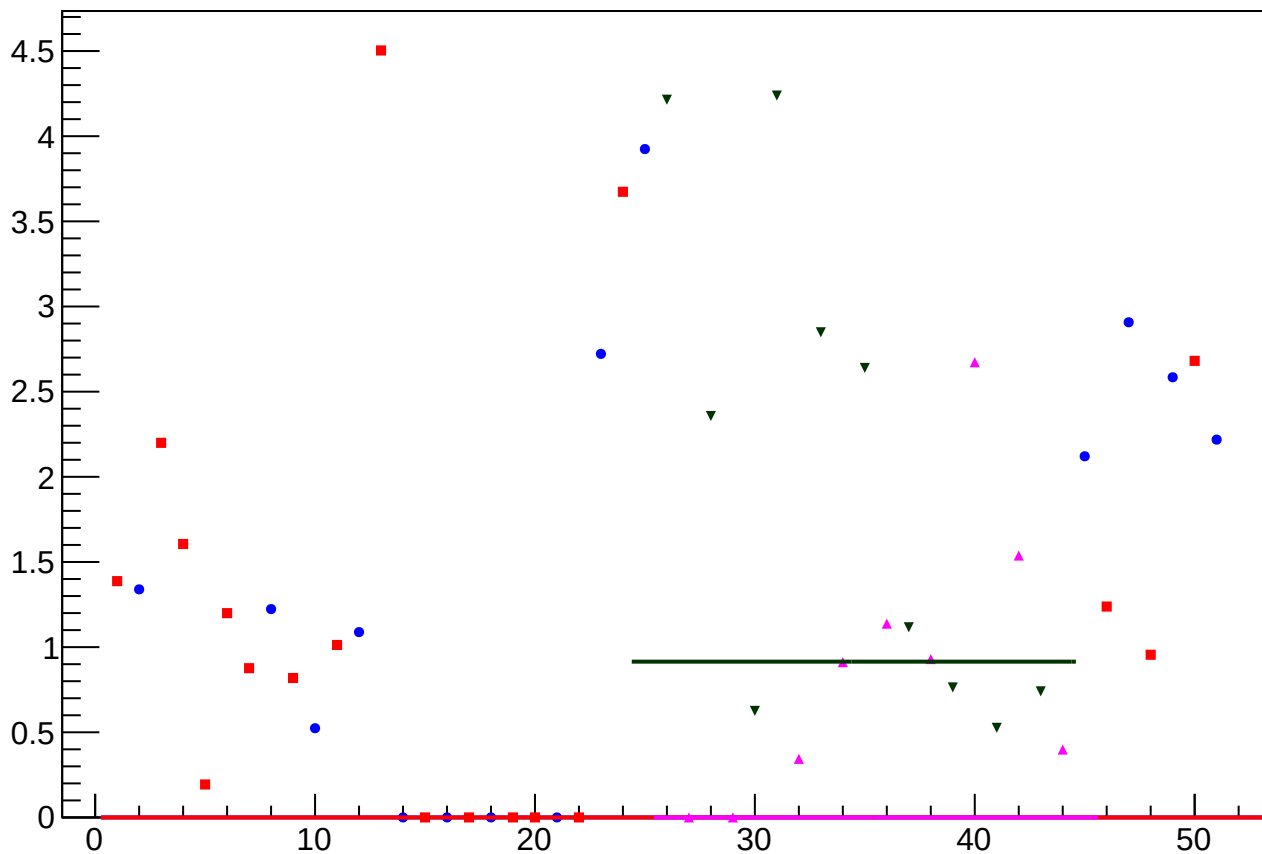
Left Out: -3.781 ± 0.001 $\chi^2/\text{NDF}: 5647760.8/9$

Right Out: -6.426 ± 0.000 $\chi^2/\text{NDF}: 150783933175444.0/17$

Left In: 6.578 ± 0.000 $\chi^2/\text{NDF}: 822745834.1/8$

-6.389 ± 0.000 $\chi^2/\text{NDF}: 425855773126803.1/5$

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8731897.3/13

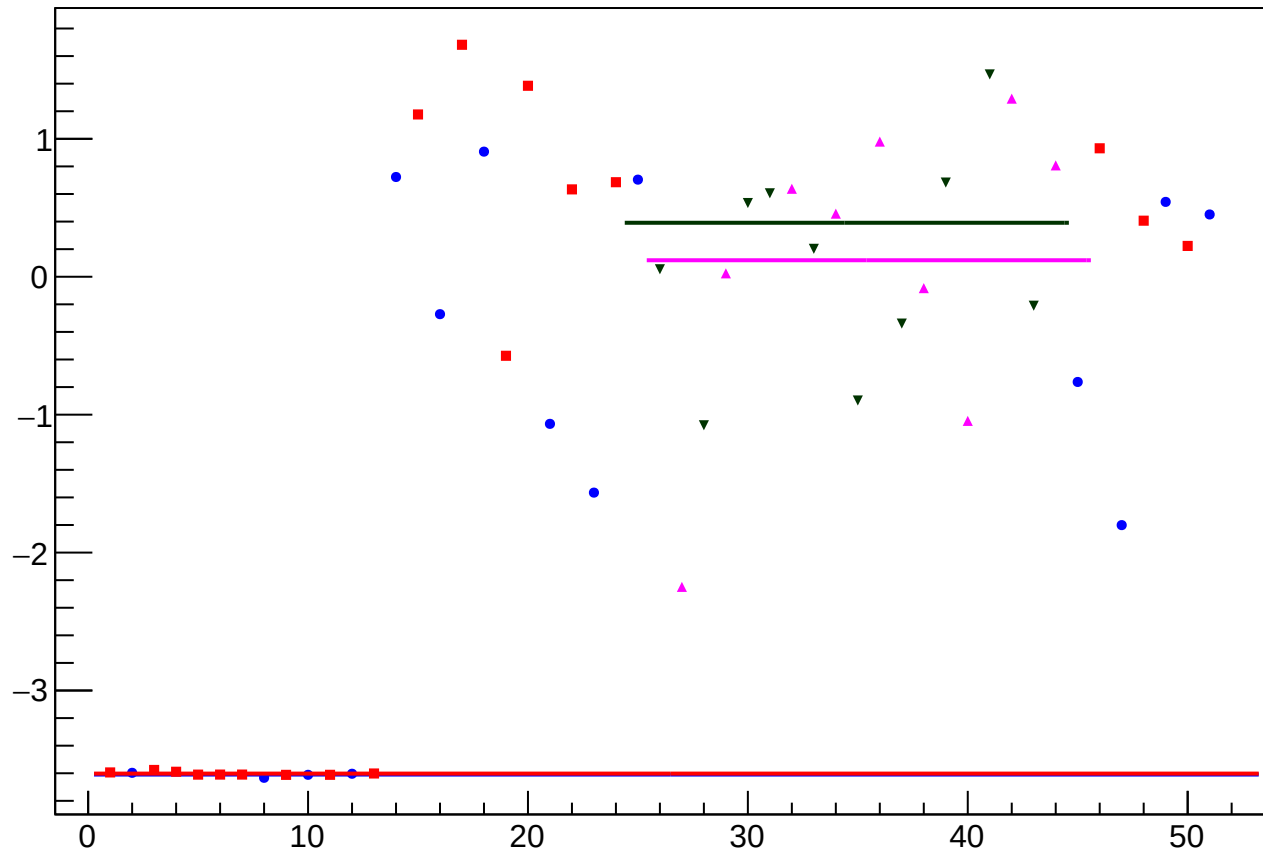
Left Out: 0.915+/-0.000 χ^2/NDF :2495147.4/9

Right Out: 0.000+/-0.000 χ^2/NDF : 8117039.9/17

Left In: 0.000+/-0.000 χ^2/NDF :4639496.4/8

0.000+/-0.000 χ^2/NDF : 28186376.5/50

yield_cav4bY_mean vs slug



Right In: -3.609+/-0.000 χ^2/NDF : 105082384759.0/13

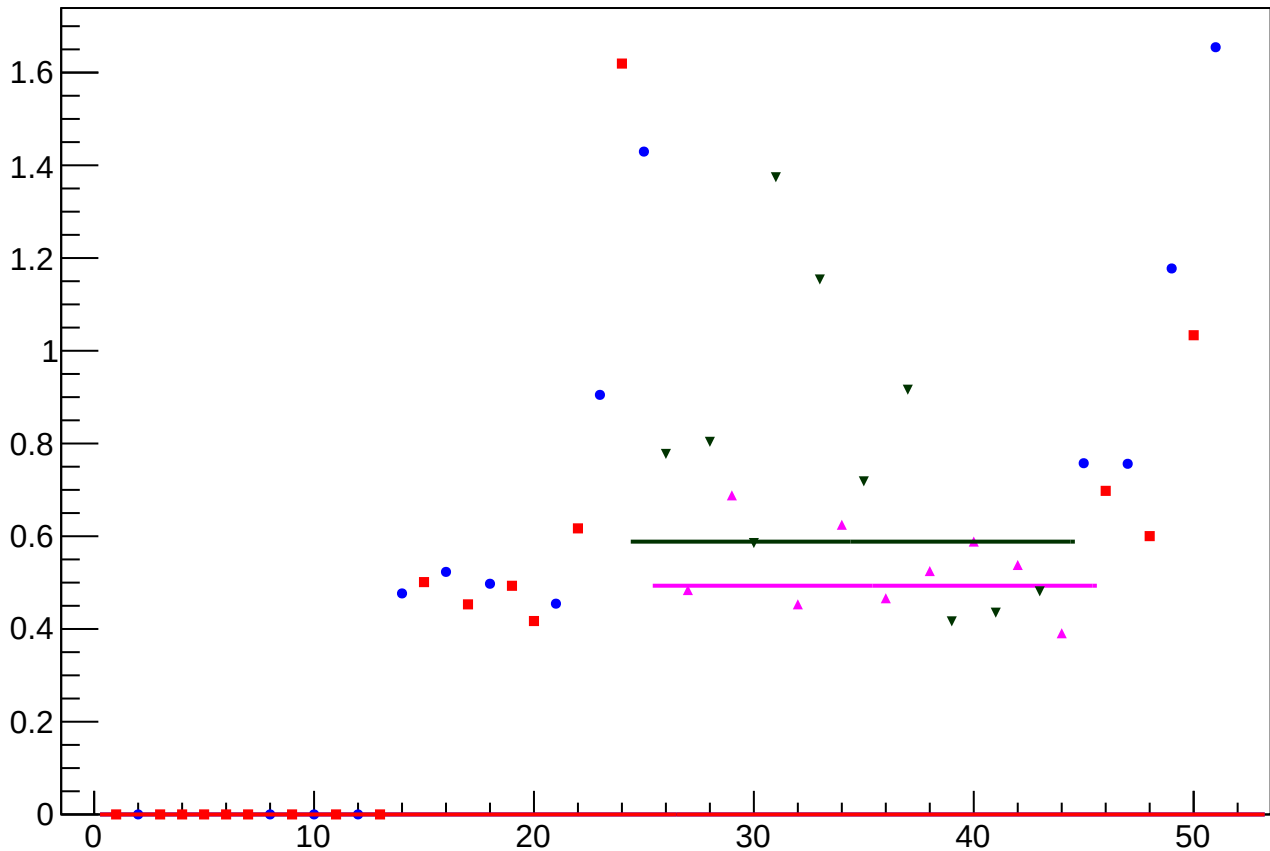
Left Out: 0.391+/-0.000 χ^2/NDF : 6900205.6/9

Right Out: -3.602+/-0.000 χ^2/NDF : 114036360841.8/17

-3.605+/-0.000 χ^2/NDF : 236689407818.7/50

Left In: 0.120+/-0.000 χ^2/NDF : 20095278.7/8

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8882935.8/13

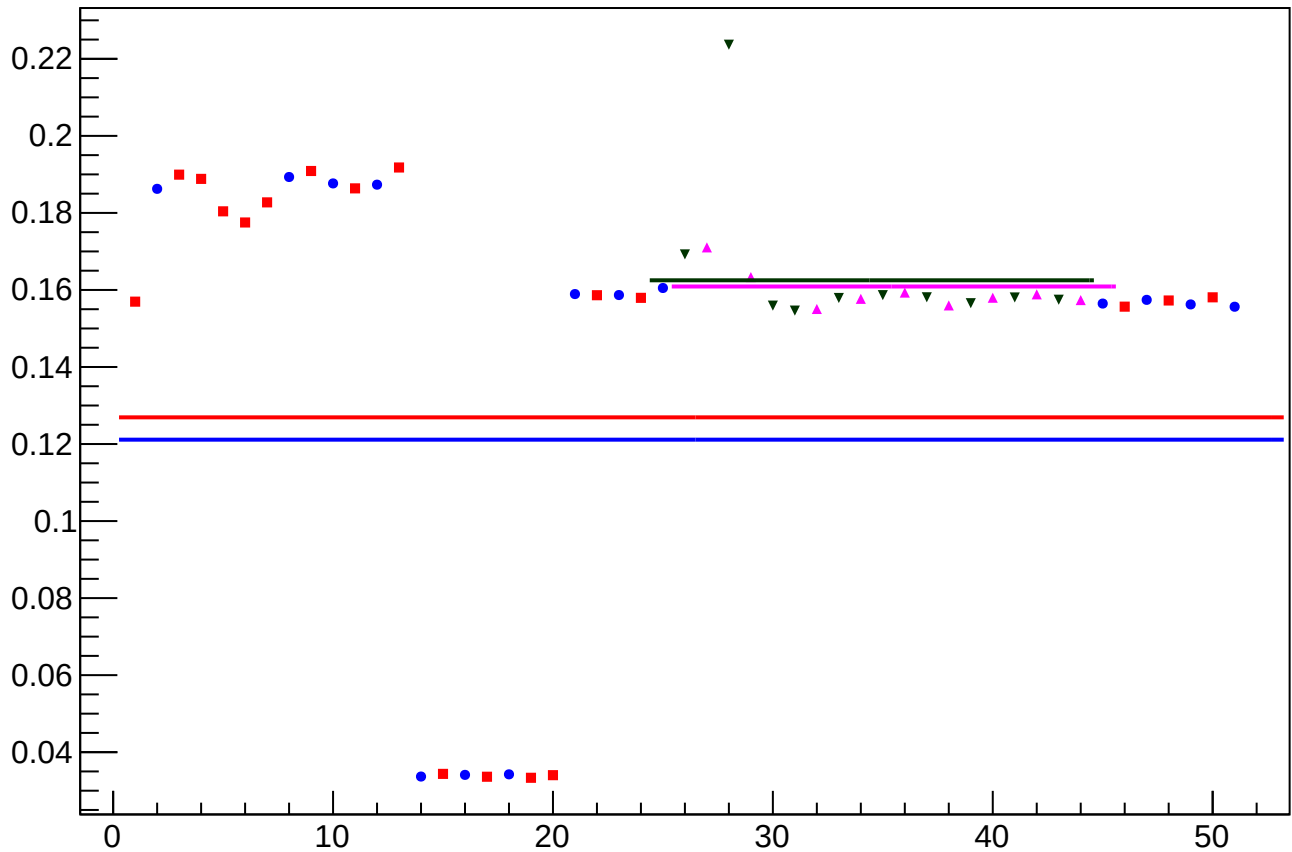
Left Out: 0.588+/-0.000 χ^2/NDF :893896.5/9

0.000+/-0.000 χ^2/NDF : 31011869.9/50

Right Out: 0.000+/-0.000 χ^2/NDF : 6548162.2/17

Left In: 0.493+/-0.000 χ^2/NDF :215160.6/8

yield_cav4cX_mean vs slug



Right In: 0.121+/-0.000 χ^2/NDF : 4910318783.9/13

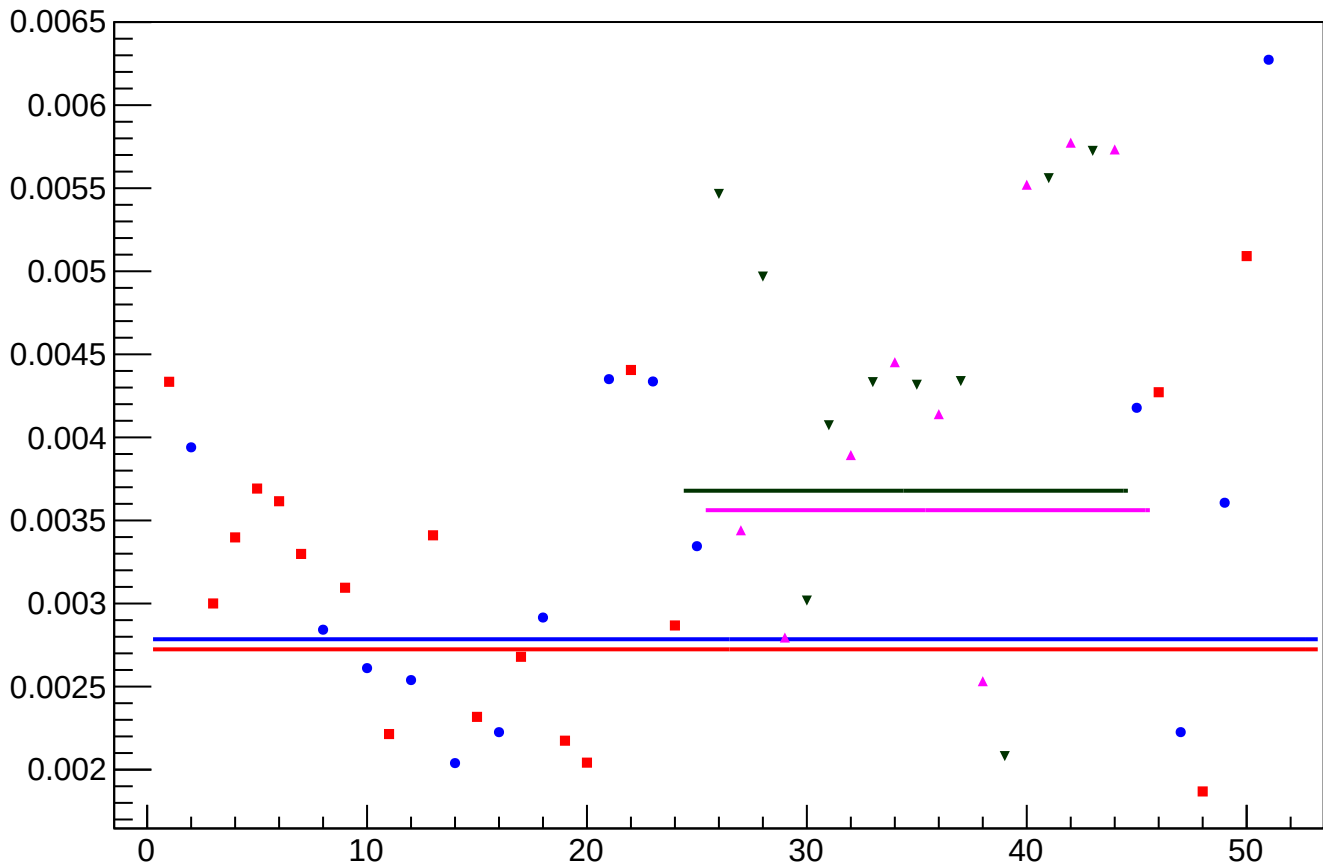
Left Out: 0.163+/-0.000 χ^2/NDF : 101856913.5/9

0.134+/-0.000 χ^2/NDF : 10239489875.3/50

Right Out: 0.127+/-0.000 χ^2/NDF : 4451764398.6/17

Left In: 0.161+/-0.000 χ^2/NDF : 11666535.4/8

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1321021.8/13

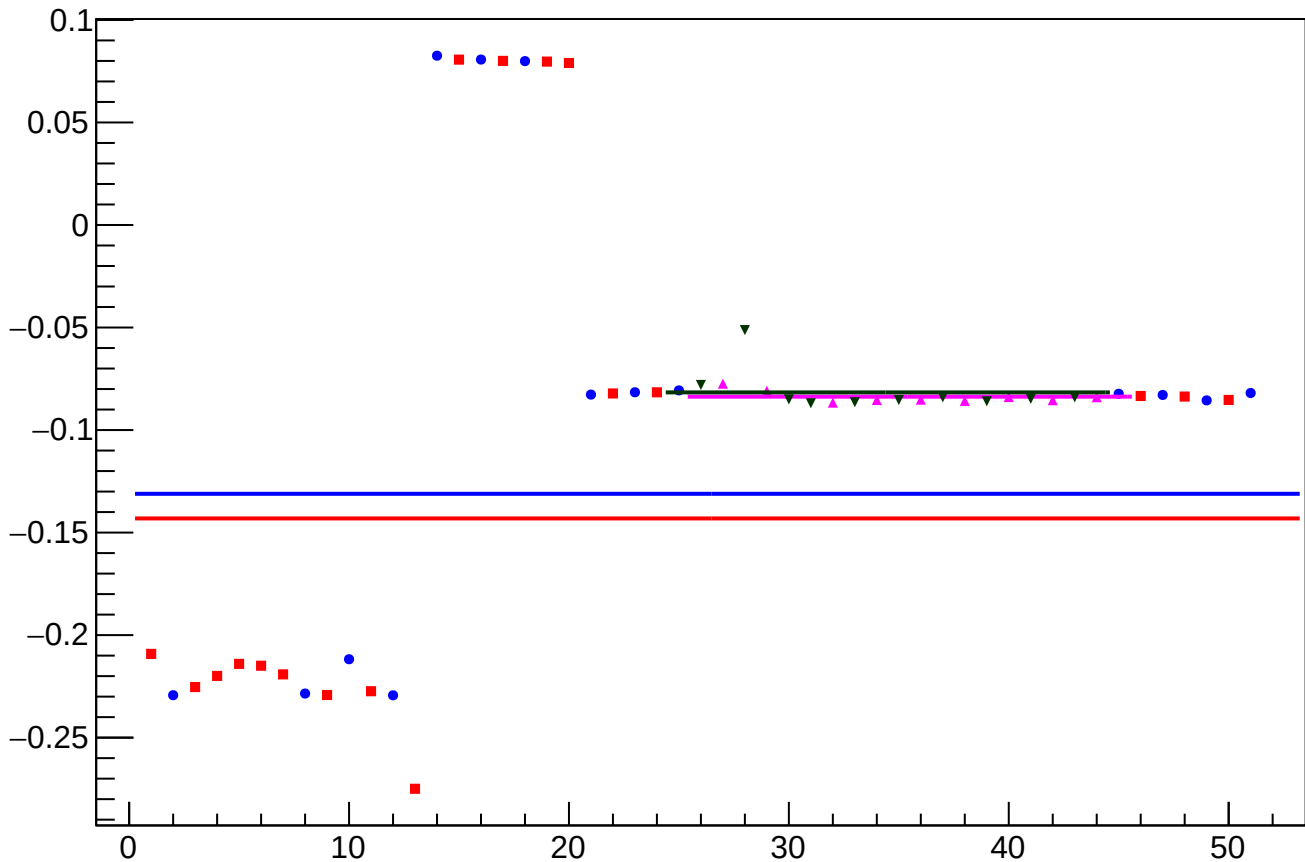
Left Out: 0.004+/-0.000 χ^2/NDF :1048834.3/9

0.003+/-0.000 χ^2/NDF : 5112721.8/50

Right Out: 0.003+/-0.000 χ^2/NDF : 1204206.9/17

Left In: 0.004+/-0.000 χ^2/NDF :750626.0/8

yield_cav4cY_mean vs slug



Right In: -0.131+/-0.000 χ^2 /NDF: 10052423278.8/13

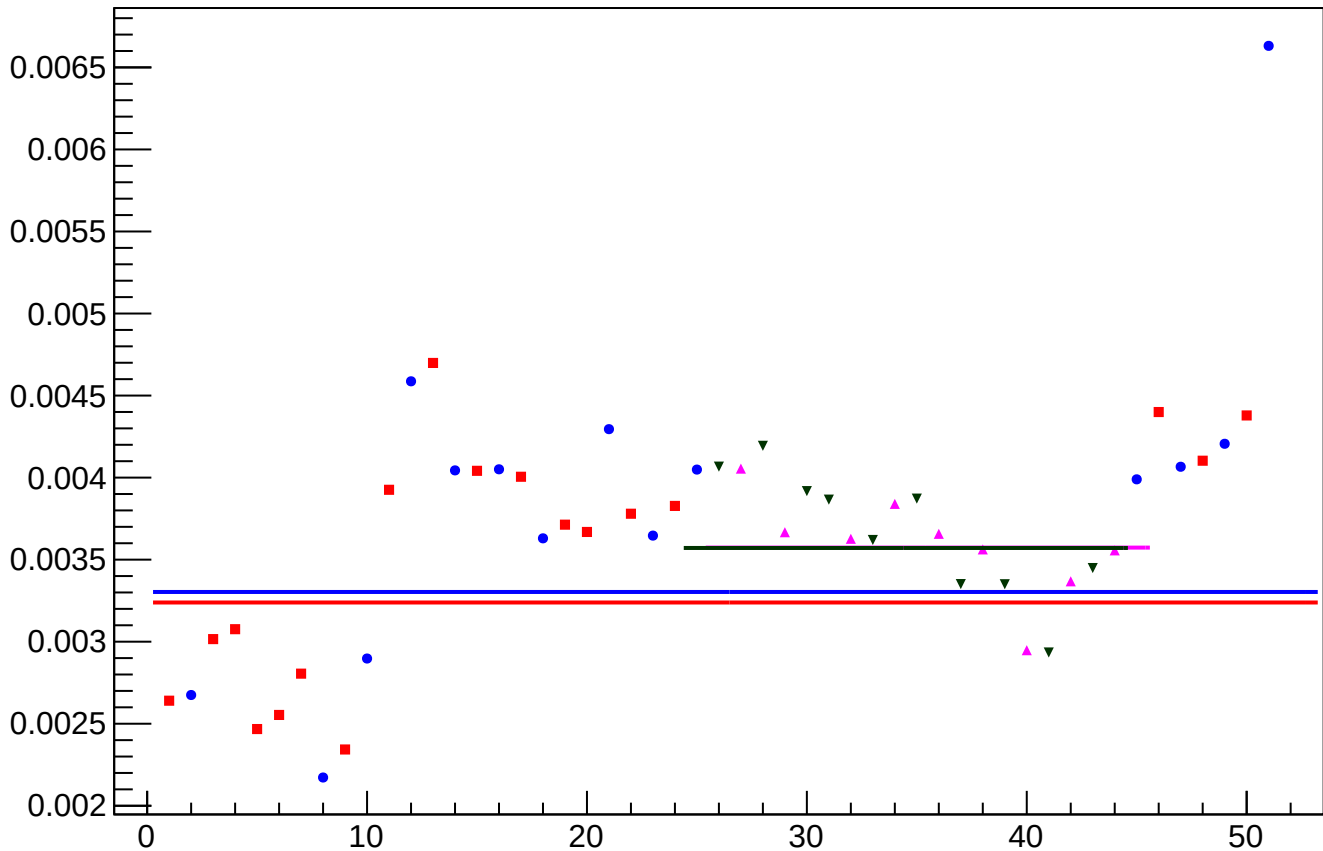
Left Out: -0.082+/-0.000 χ^2 /NDF: 35920699.2/9

-0.118+/-0.000 χ^2 /NDF: 21064567576.9/50

Right Out: -0.143+/-0.000 χ^2 /NDF: 9378348018.4/17

Left In: -0.084+/-0.000 χ^2 /NDF: 3520420.2/8

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1206426.4/13

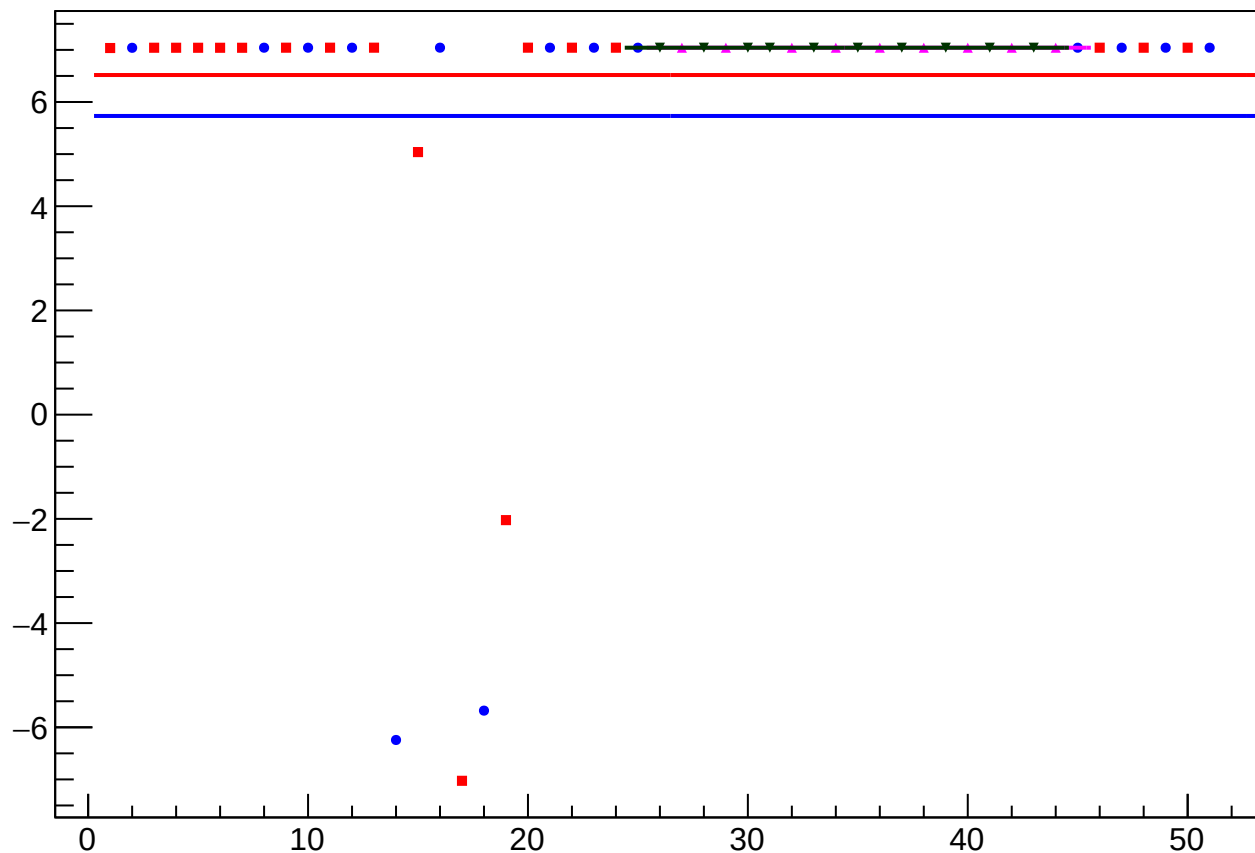
Left Out: 0.004+/-0.000 χ^2/NDF :121987.1/9

0.003+/-0.000 χ^2/NDF : 2292309.1/50

Right Out: 0.003+/-0.000 χ^2/NDF : 788625.5/17

Left In: 0.004+/-0.000 χ^2/NDF :77540.1/8

yield_cav4dX_mean vs slug



Right In: 5.732 $\pm$ 0.000 χ^2 /NDF: 4578756646906765.0/13

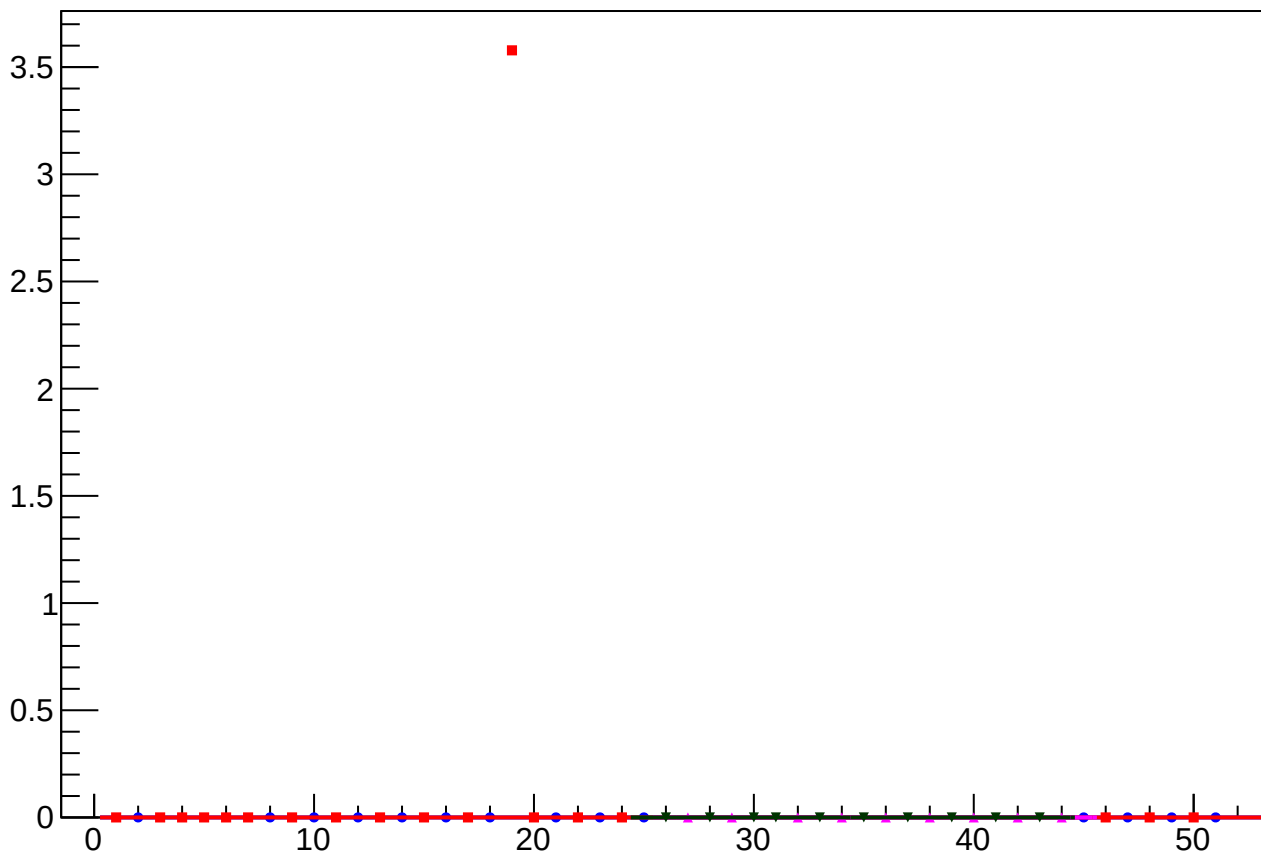
Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 815895.3/9

Right Out: 6.518 $\pm$ 0.000 χ^2 /NDF: 1847694058756376.8/17

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 534073.4/8

6.503 $\pm$ 0.000 χ^2 /NDF: 6721706362950565.0/5

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5162.8/13

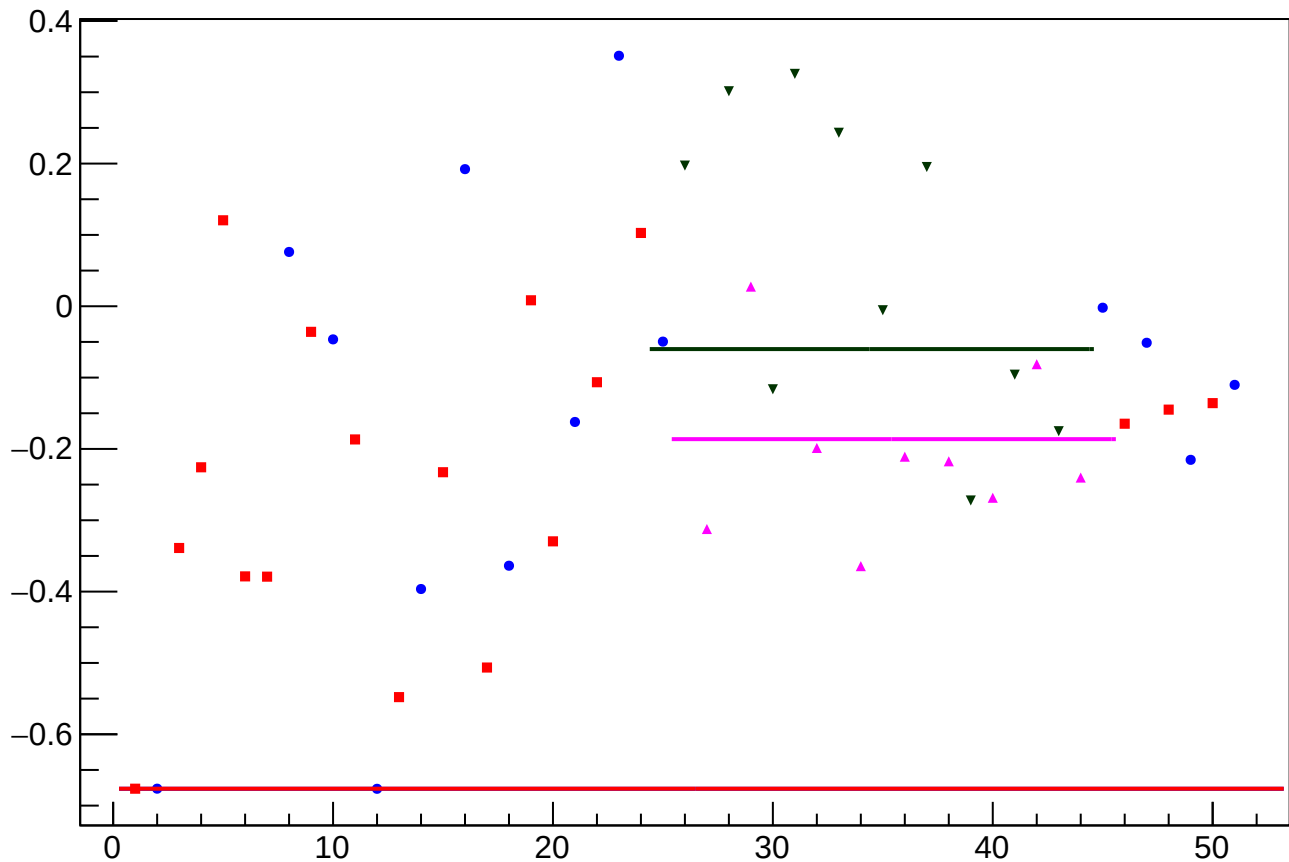
Left Out: 0.000+/-0.000 χ^2/NDF :1393.7/9

Right Out: 0.000+/-0.000 χ^2/NDF : 695950.7/17

Left In: 0.000+/-0.000 χ^2/NDF :1776.4/8

0.000+/-0.000 χ^2/NDF : 707351.9/50

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 251583335.2/13

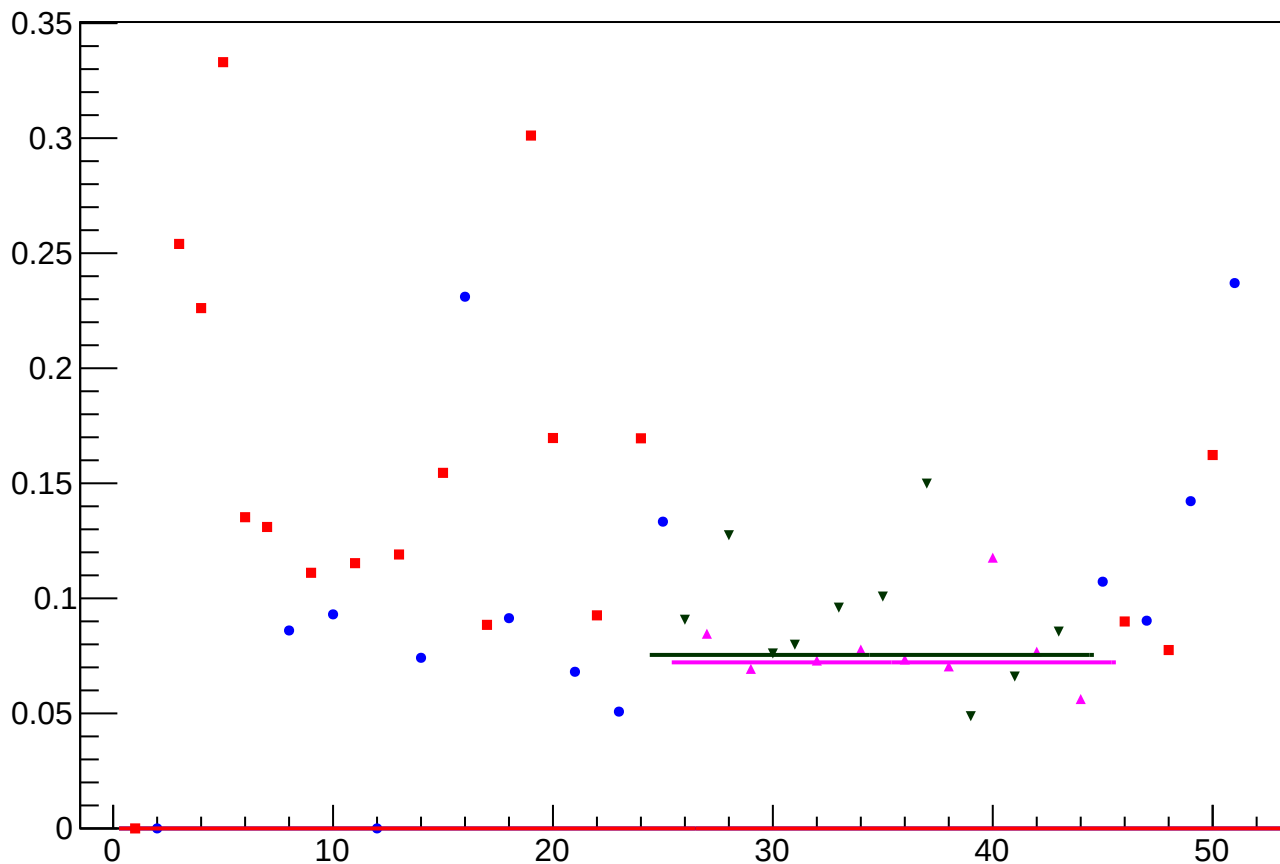
Left Out: -0.060+/-0.000 χ^2/NDF :19519965.9/9

-0.676+/-0.000 χ^2/NDF : 718856750.0/50

Right Out: -0.676+/-0.000 χ^2/NDF : 94988625.0/17

Left In: -0.186+/-0.000 χ^2/NDF :8360898.5/8

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11095140.0/13

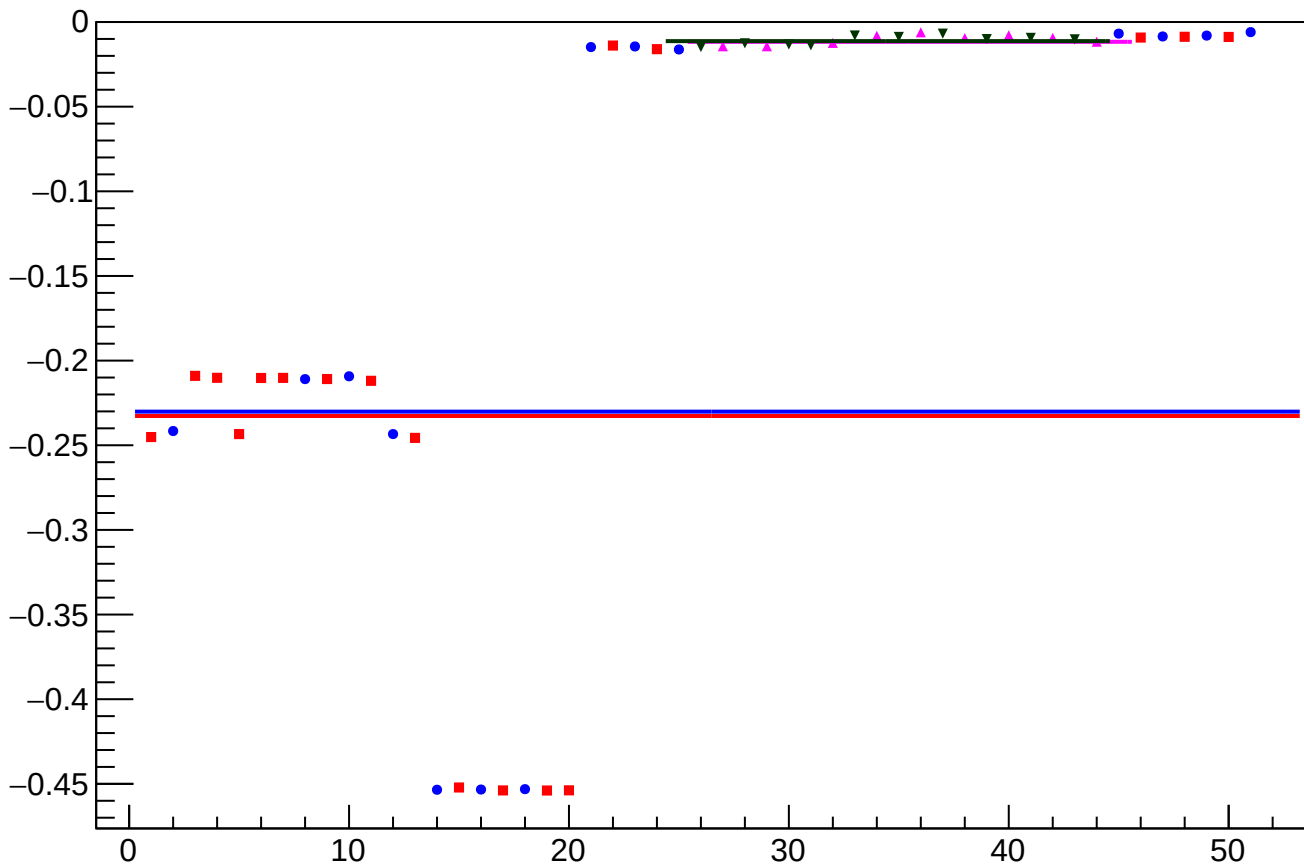
Left Out: 0.075+/-0.000 χ^2/NDF : 583441.6/9

Right Out: 0.000+/-0.000 χ^2/NDF : 11341379.5/17

Left In: 0.072+/-0.000 χ^2/NDF : 194249.2/8

0.000+/-0.000 χ^2/NDF : 35600264.9/50

yield_bpm4aX_mean vs slug



Right In: -0.230+/-0.000 χ^2/NDF : 4434421900.7/13

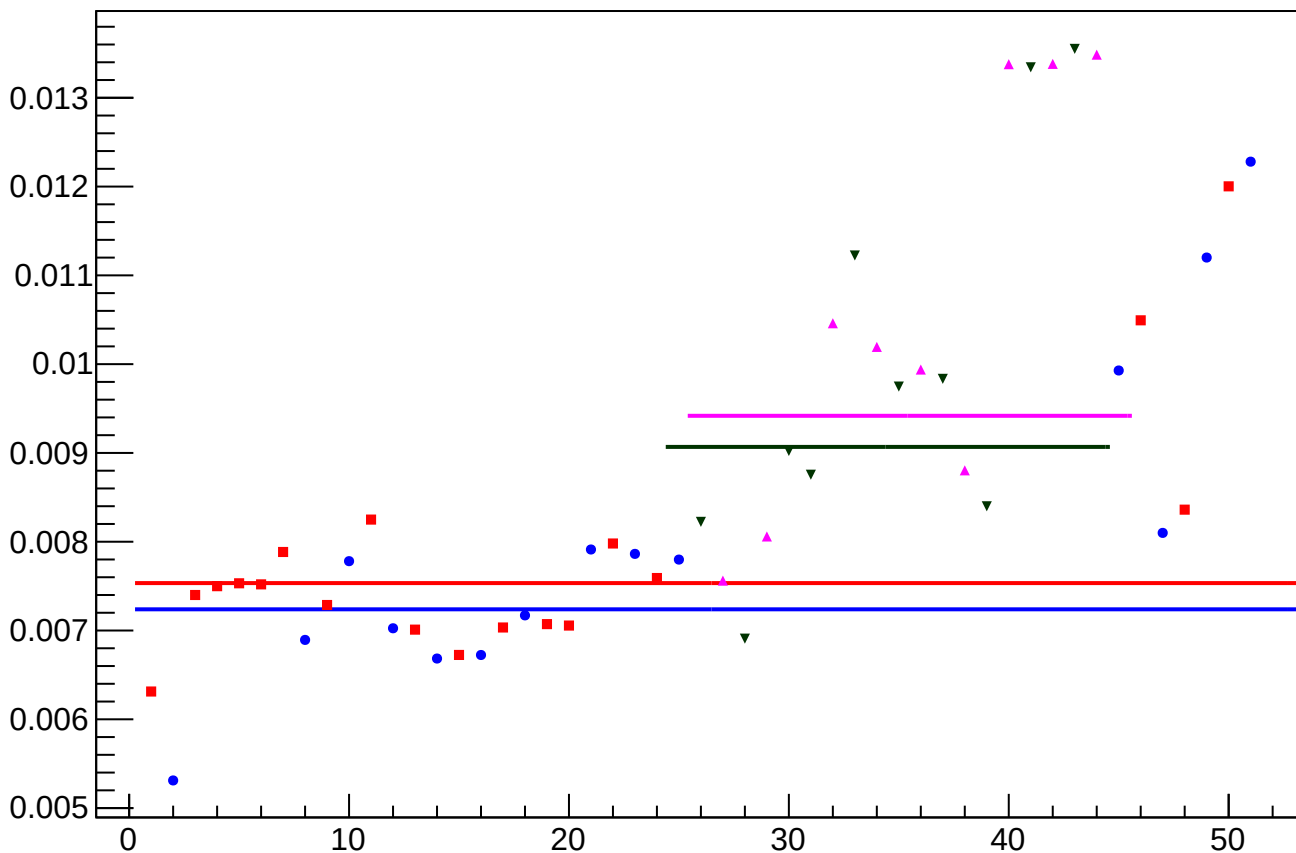
Left Out: -0.011+/-0.000 χ^2/NDF : 378273.8/9

-0.170+/-0.000 χ^2/NDF : 12108935799.8/50

Right Out: -0.233+/-0.000 χ^2/NDF : 3506741467.3/17

Left In: -0.012+/-0.000 χ^2/NDF : 493253.3/8

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 776050.9/13

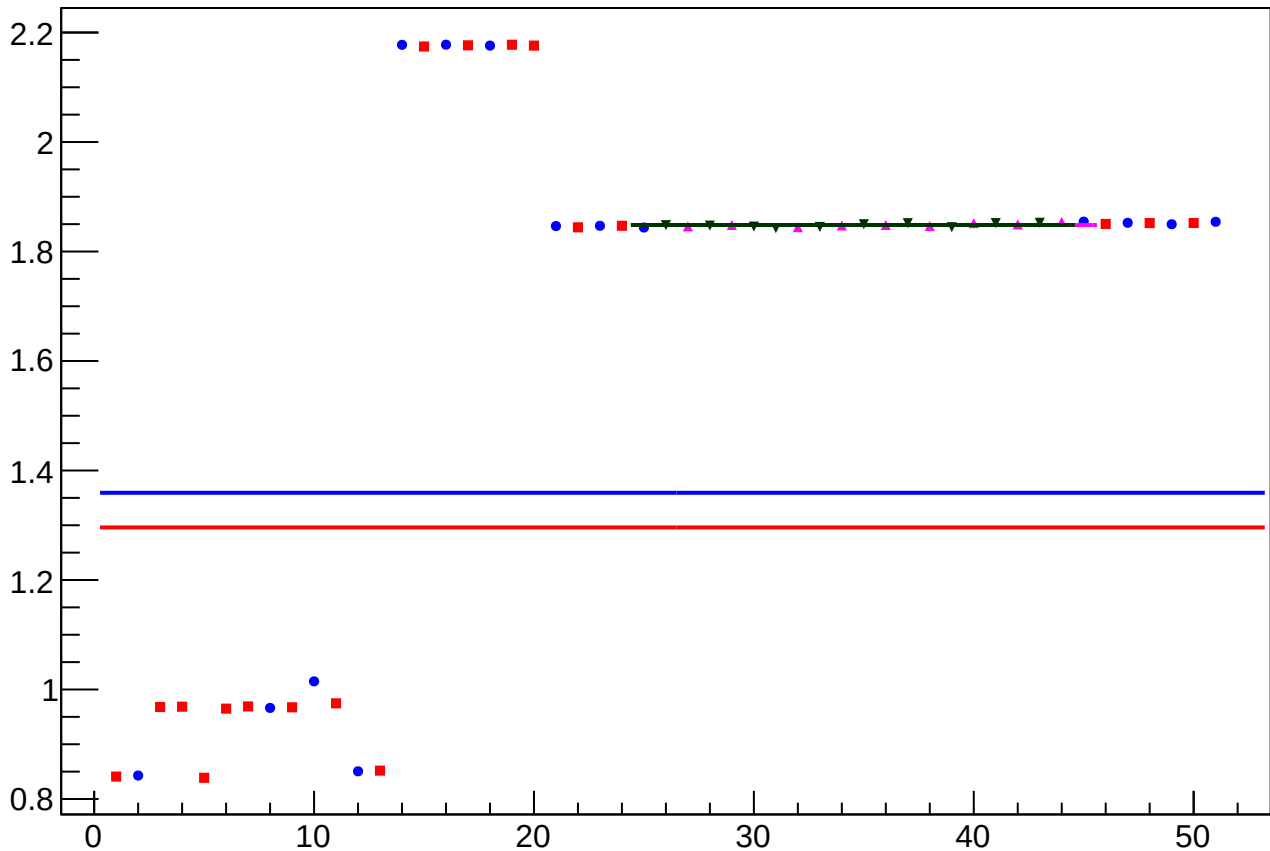
Left Out: 0.009+/-0.000 χ^2/NDF : 422810.1/9

0.008+/-0.000 χ^2/NDF : 2587452.5/50

Right Out: 0.008+/-0.000 χ^2/NDF : 319512.1/17

Left In: 0.009+/-0.000 χ^2/NDF : 448097.3/8

yield_bpm4aY_mean vs slug



Right In: 1.359+/-0.000 χ^2/NDF : 15283242481.3/13

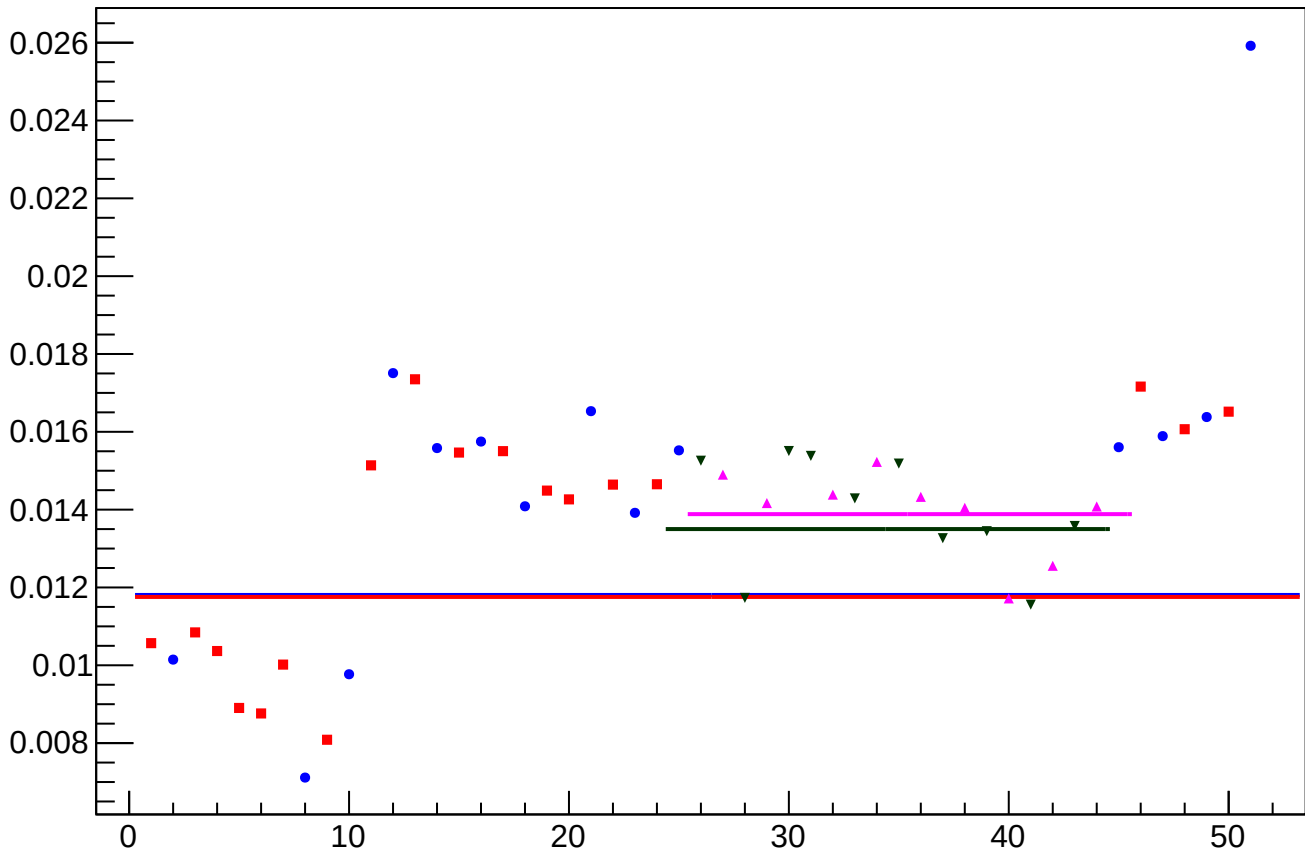
Left Out: 1.848+/-0.000 χ^2/NDF : 275256.1/9

1.501+/-0.000 χ^2/NDF : 39369000349.5/50

Right Out: 1.296+/-0.000 χ^2/NDF : 13994930606.3/17

Left In: 1.848+/-0.000 χ^2/NDF : 226326.9/8

yield_bpm4aY_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1789613.5/13

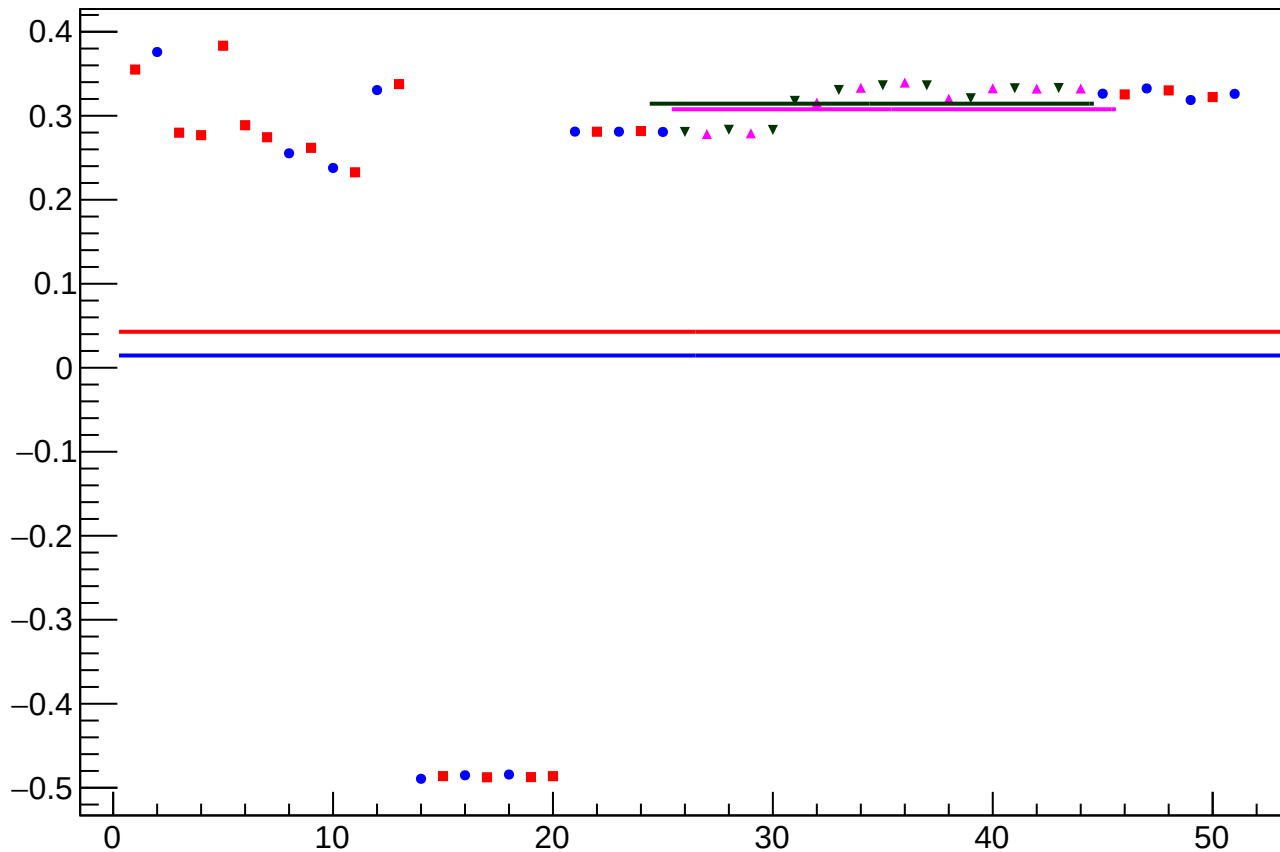
Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:115034.4/9

0.012 $\pm$ 0.000 χ^2 /NDF: 3356474.0/50

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 1113451.1/17

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF:63867.8/8

yield_bpm4eX_mean vs slug



Right In: 0.015 $\pm$ 0.000 χ^2 /NDF: 3492549721.5/13

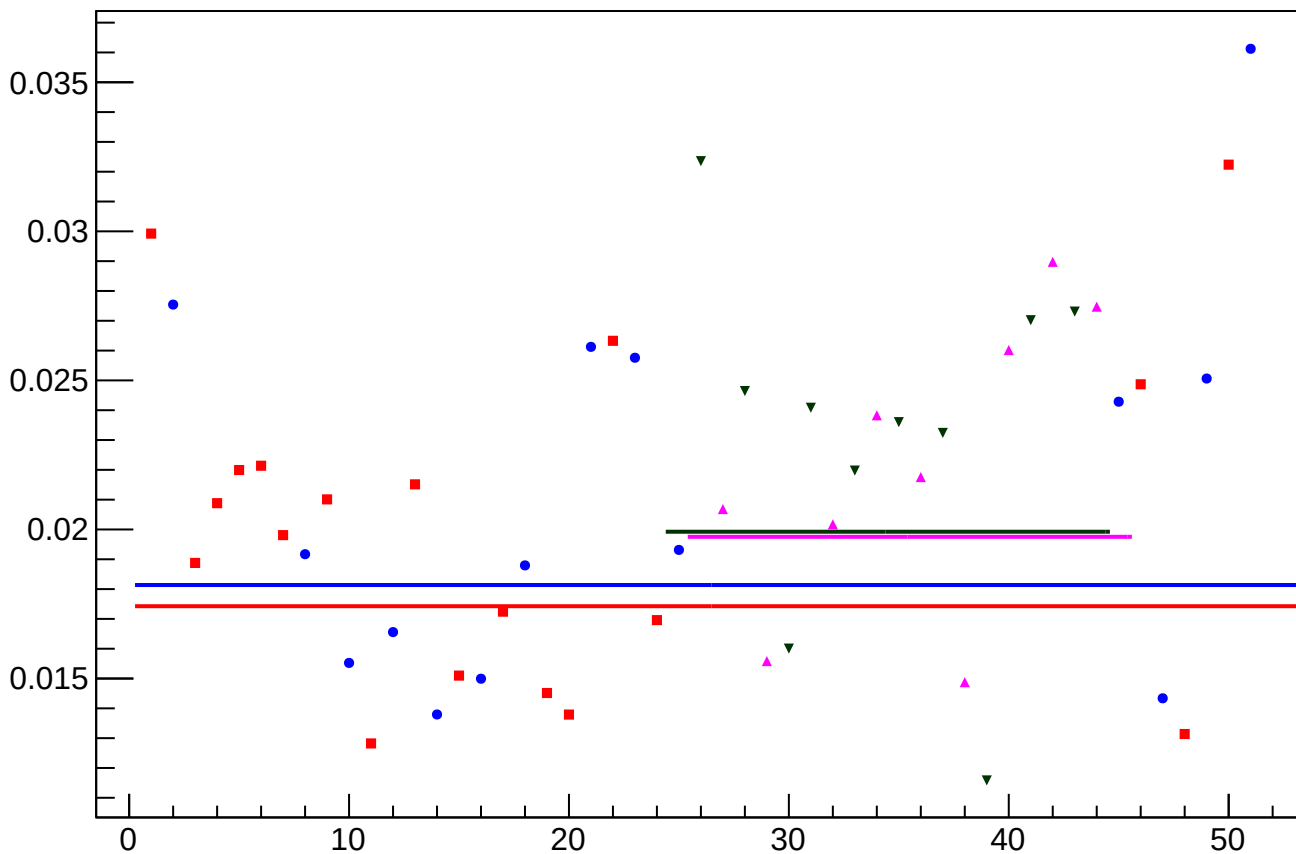
Left Out: 0.314 $\pm$ 0.000 χ^2 /NDF: 5139756.1/9

Right Out: 0.043 $\pm$ 0.000 χ^2 /NDF: 3157619424.6/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF: 7379323.3/8

0.122 $\pm$ 0.000 χ^2 /NDF: 7960394214.8/50

yield_bpm4eX_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 1181228.0/13

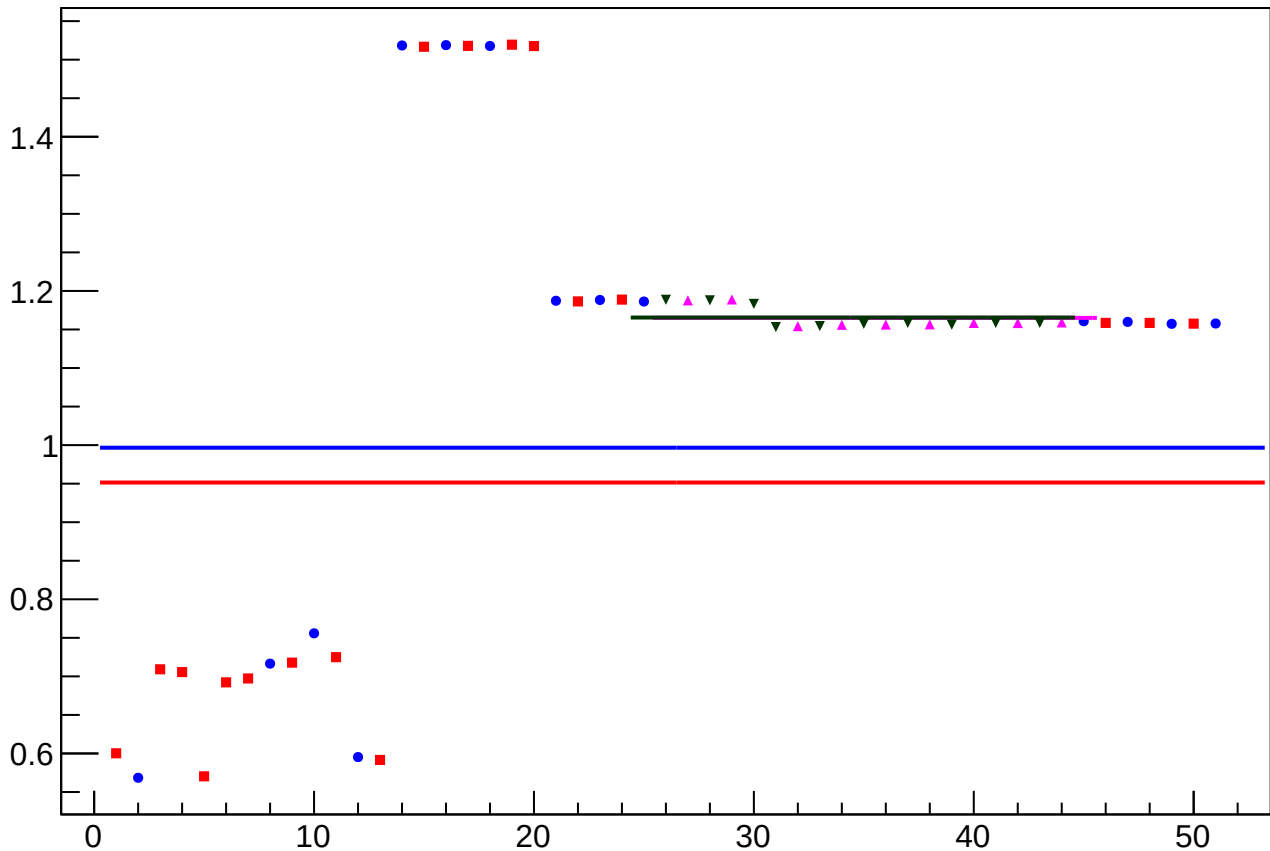
Left Out: 0.020+/-0.000 χ^2/NDF : 889086.3/9

0.018+/-0.000 χ^2/NDF : 3819034.5/50

Right Out: 0.017+/-0.000 χ^2/NDF : 1118486.9/17

Left In: 0.020+/-0.000 χ^2/NDF : 480952.3/8

yield_bpm4eY_mean vs slug



Right In: 0.997 $\pm$ 0.000 χ^2 /NDF: 12897893474.4/13

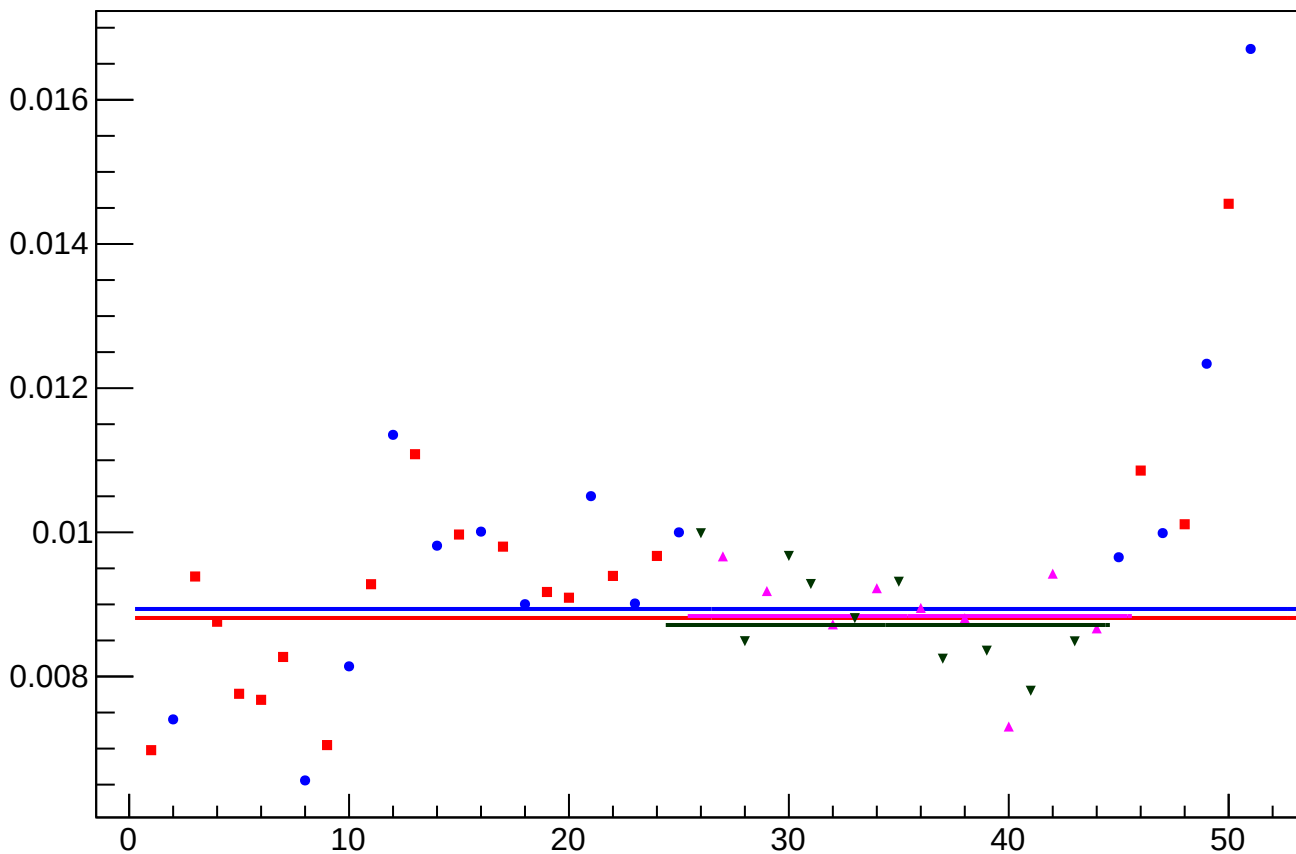
Left Out: 1.166 $\pm$ 0.000 χ^2 /NDF:12042647.5/9

1.049 $\pm$ 0.000 χ^2 /NDF: 27937259913.7/50

Right Out: 0.951 $\pm$ 0.000 χ^2 /NDF: 11940546894.9/17

Left In: 1.165 $\pm$ 0.000 χ^2 /NDF:13350720.5/8

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 743902.6/13

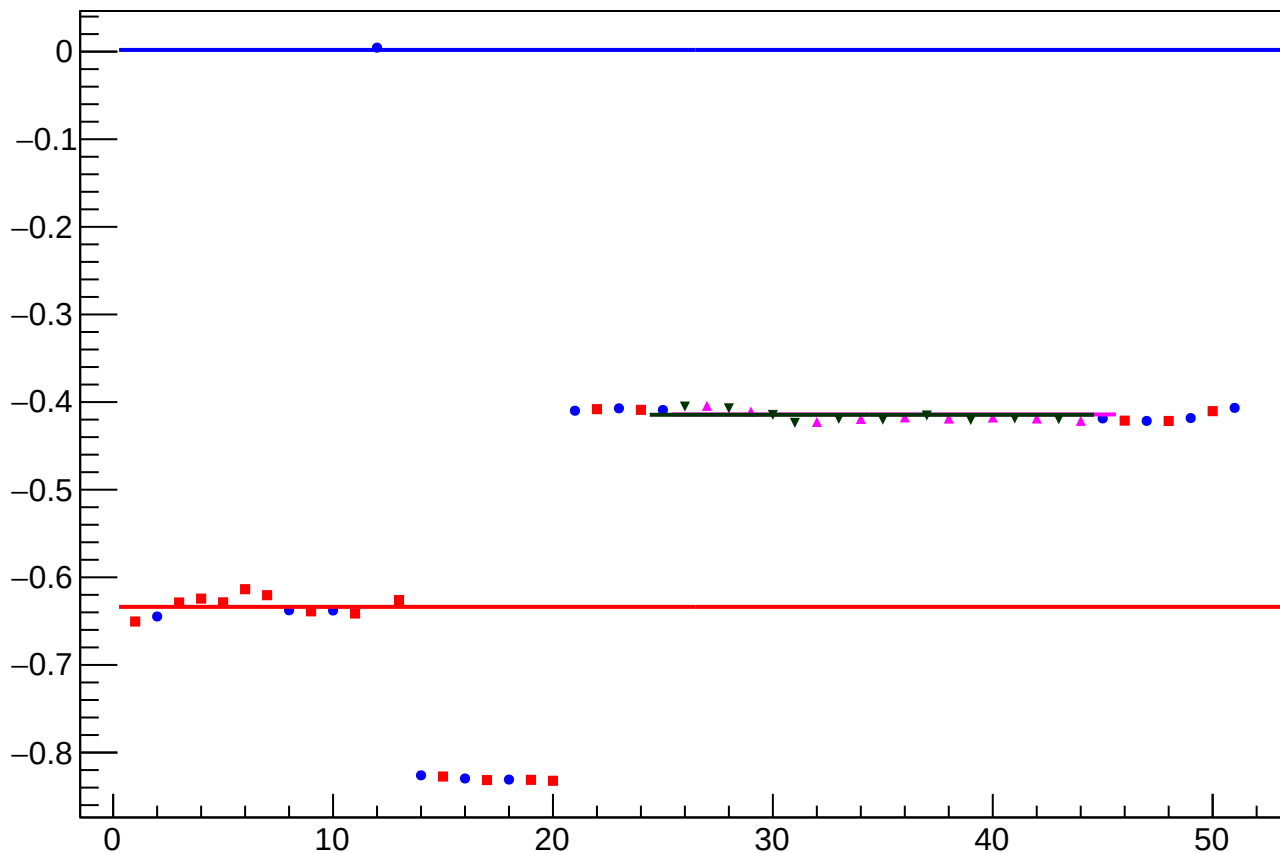
Left Out: 0.009+/-0.000 χ^2/NDF : 53949.8/9

0.009+/-0.000 χ^2/NDF : 1326944.7/50

Right Out: 0.009+/-0.000 χ^2/NDF : 462048.0/17

Left In: 0.009+/-0.000 χ^2/NDF : 62875.6/8

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 63837867556.7/13

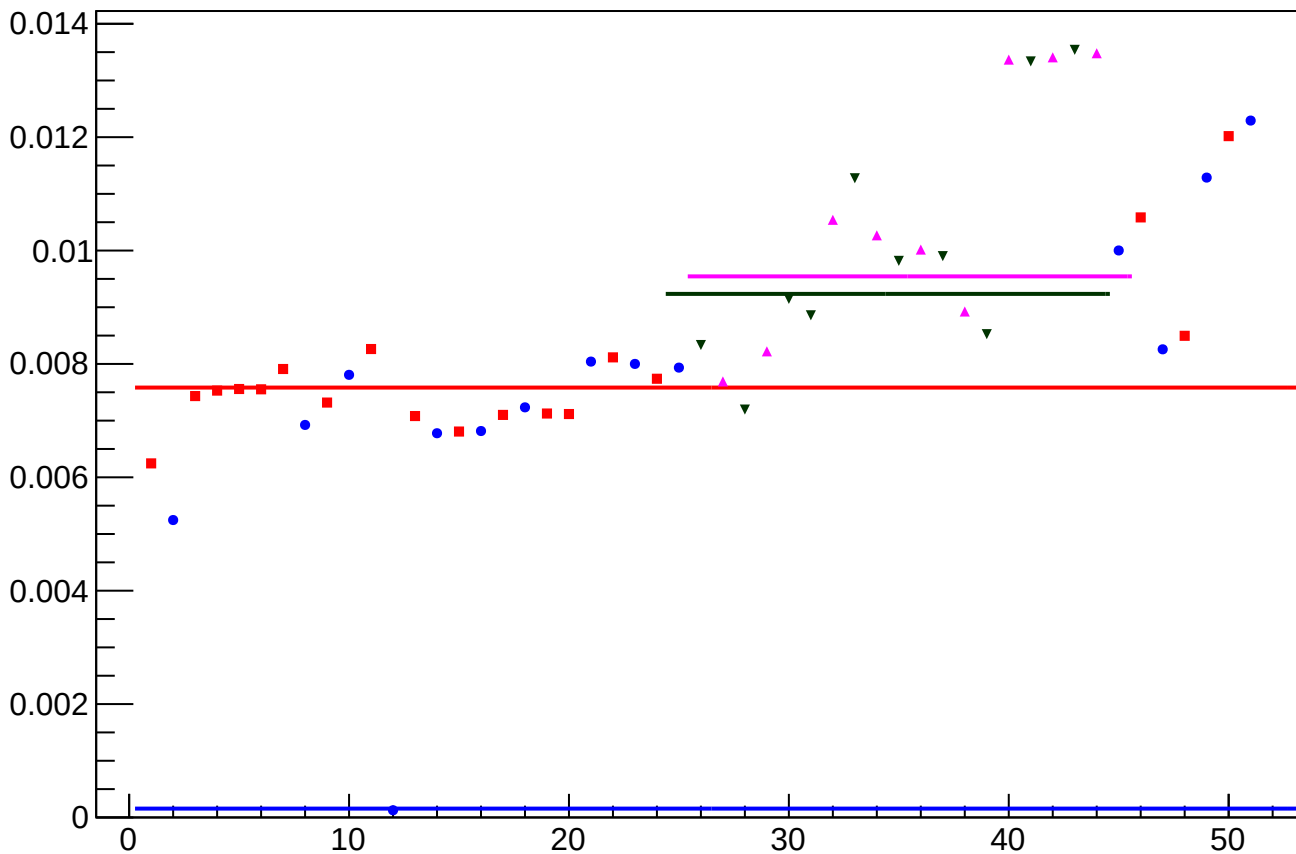
Left Out: -0.414+/-0.000 χ^2/NDF : 2323331.2/9

Right Out: -0.634+/-0.000 χ^2/NDF : 3046477746.3/17

Left In: -0.414+/-0.000 χ^2/NDF : 2652469.0/8

-0.002+/-0.000 χ^2/NDF : 144573084831.9/50

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 16173642.6/13

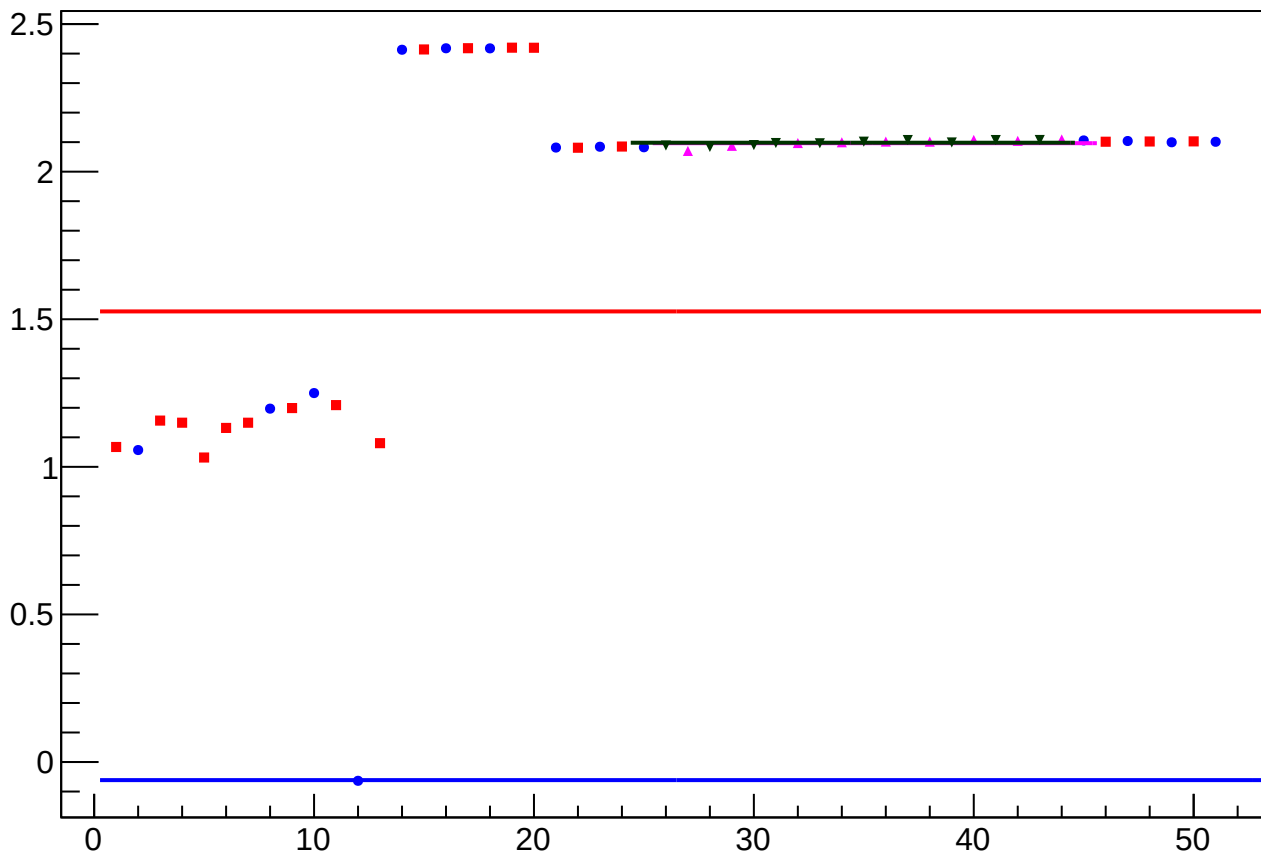
Left Out: 0.009+/-0.000 χ^2/NDF : 378139.6/9

0.000+/-0.000 χ^2/NDF : 52741994.6/50

Right Out: 0.008+/-0.000 χ^2/NDF : 326899.9/17

Left In: 0.010+/-0.000 χ^2/NDF : 420972.7/8

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 161069232835.0/13

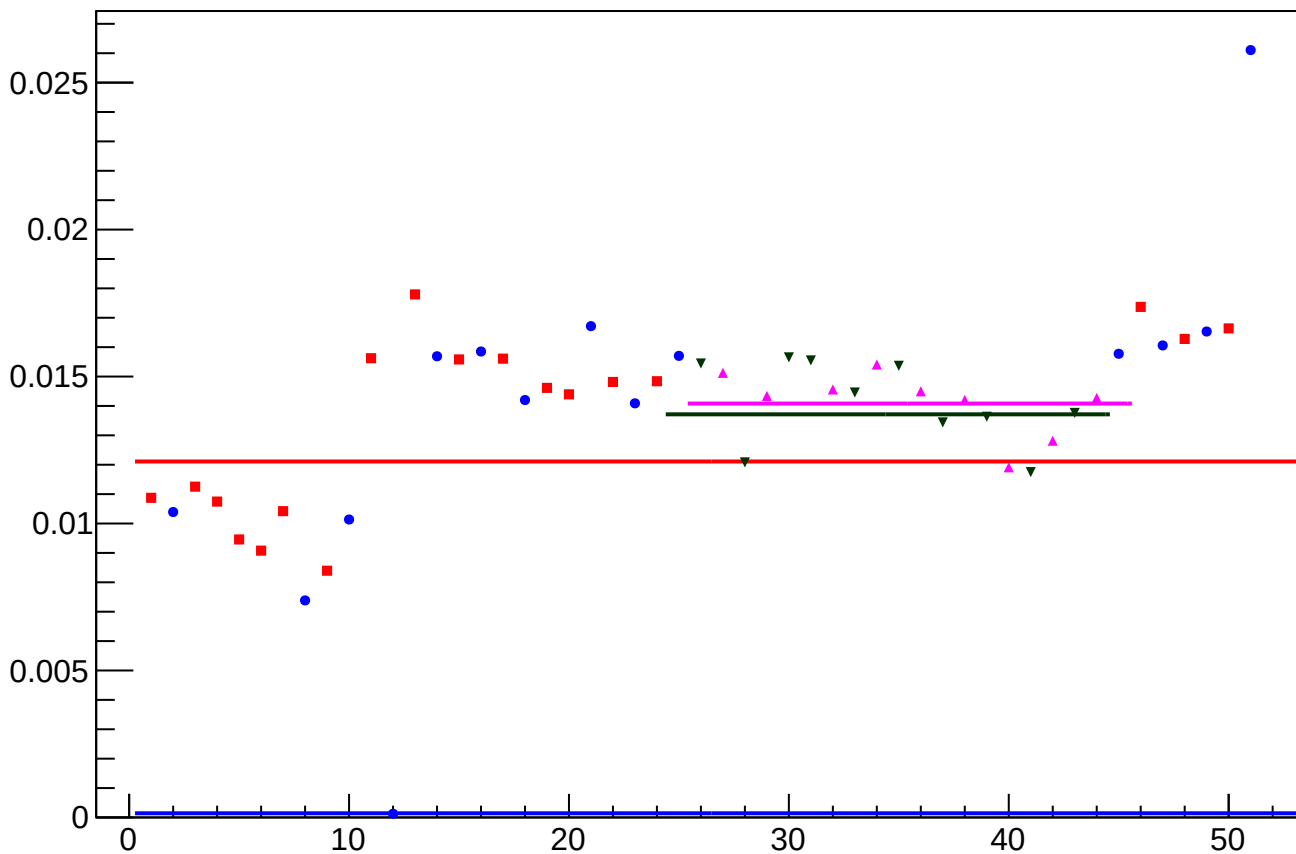
Left Out: 2.098+/-0.000 χ^2/NDF :1989190.8/9

Right Out: 1.527+/-0.000 χ^2/NDF : 14436509499.3/17

Left In: 2.096+/-0.000 χ^2/NDF :3989522.6/8

-0.056+/-0.000 χ^2/NDF : 555369827034.4/50

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15853501.8/13

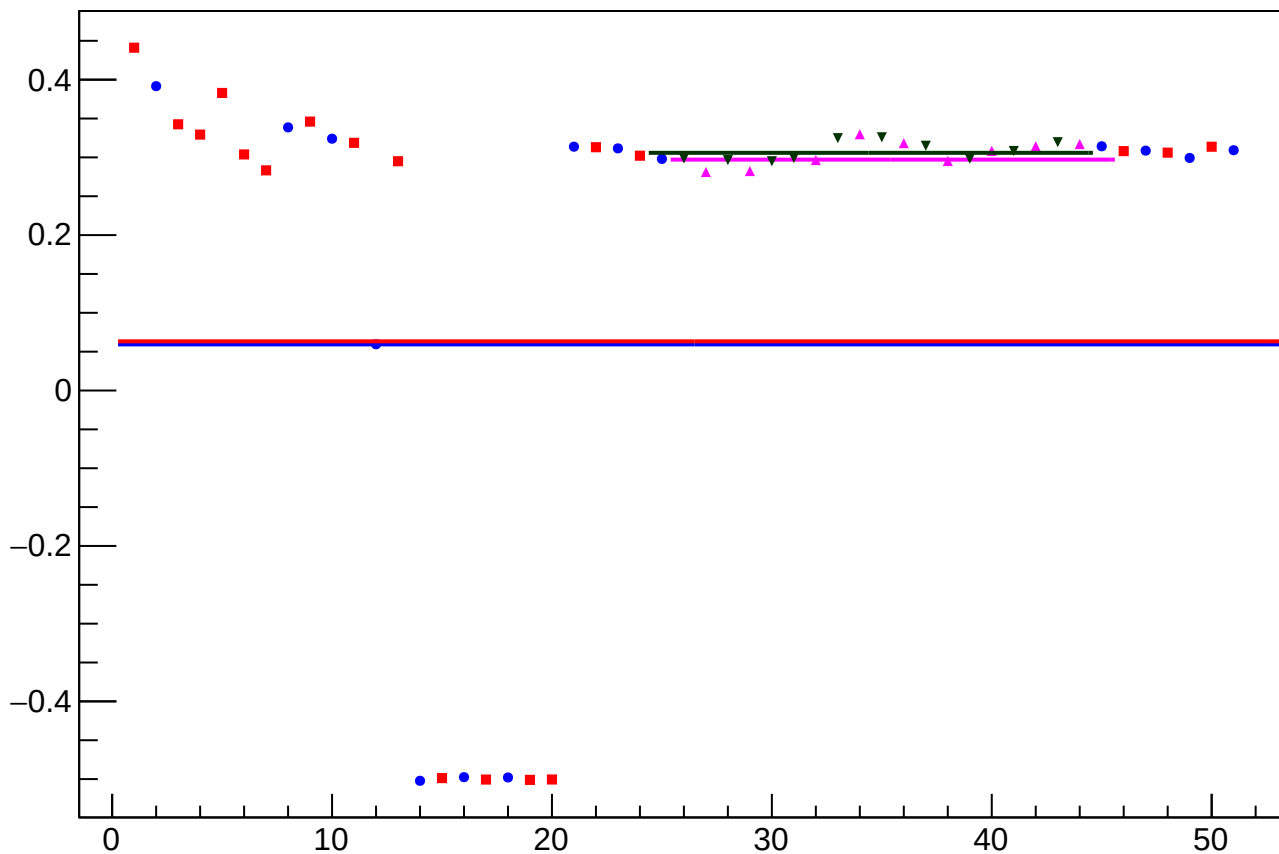
Left Out: 0.014+/-0.000 χ^2/NDF : 105900.8/9

0.000+/-0.000 χ^2/NDF : 52158713.6/50

Right Out: 0.012+/-0.000 χ^2/NDF : 1023931.9/17

Left In: 0.014+/-0.000 χ^2/NDF : 60731.7/8

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3767907956.2/13

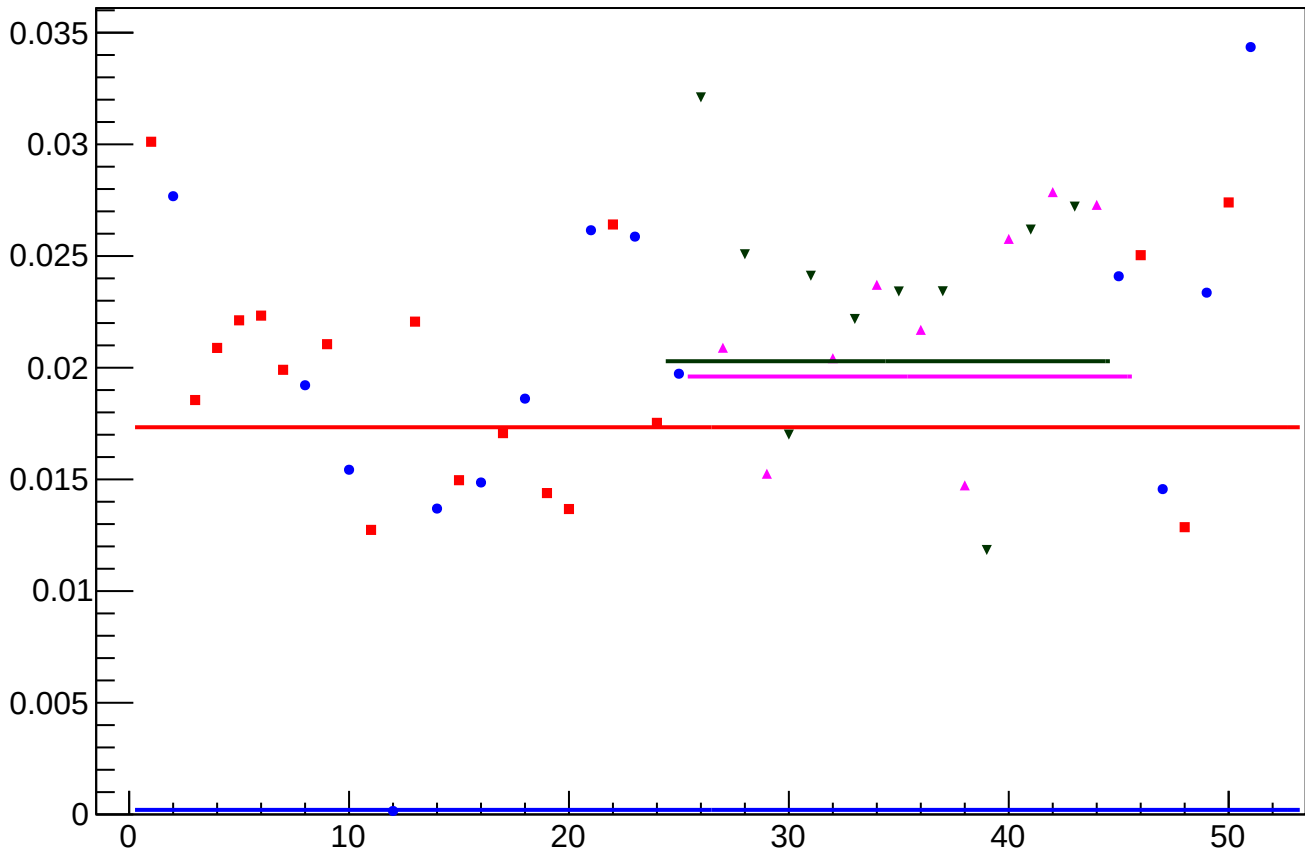
Left Out: 0.306+/-0.000 χ^2/NDF : 1442244.8/9

0.060+/-0.000 χ^2/NDF : 8809878234.0/50

Right Out: 0.063+/-0.000 χ^2/NDF : 3631475676.5/17

Left In: 0.297+/-0.000 χ^2/NDF : 3115061.2/8

yield_bpm4ecX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15846773.2/13

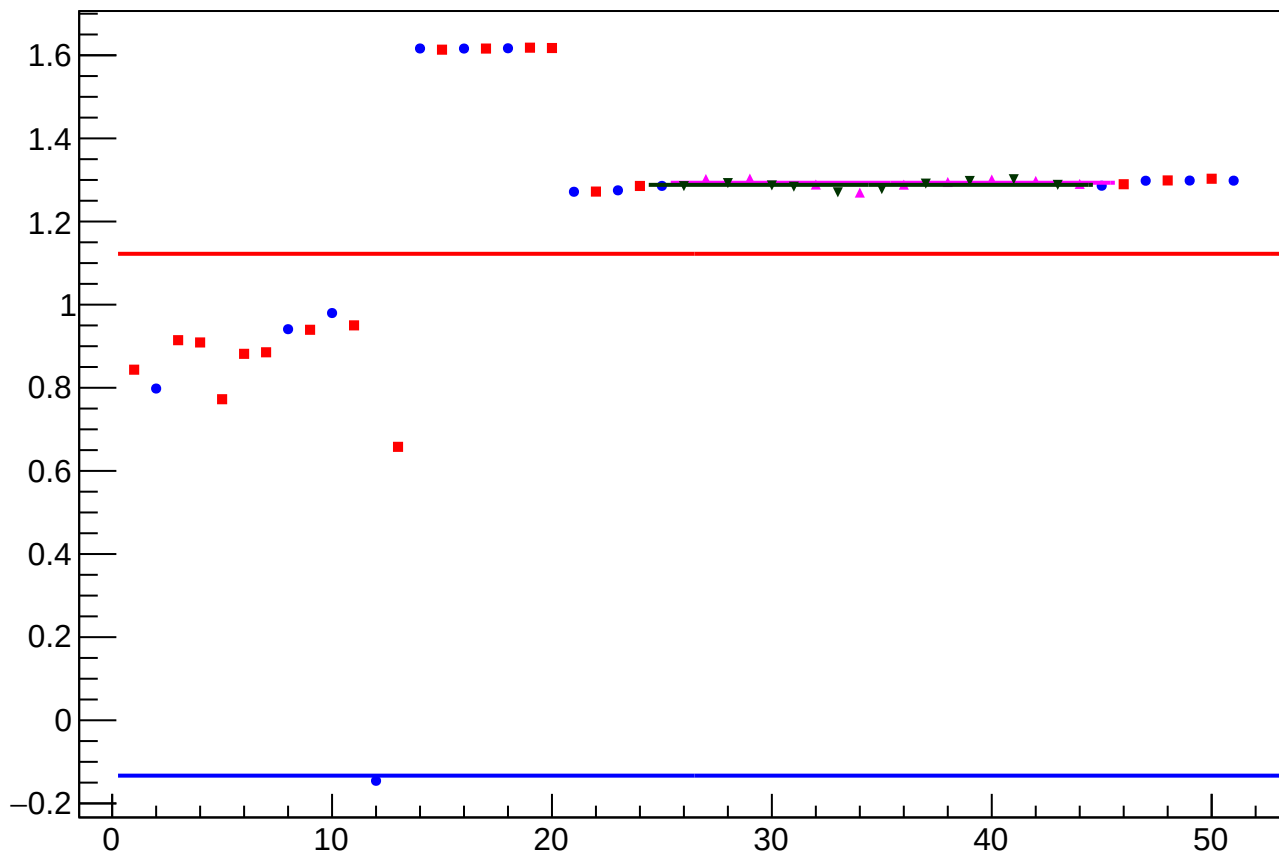
Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 809735.4/9

0.000 $\pm$ 0.000 χ^2 /NDF: 51444691.1/50

Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 1091042.5/17

Left In: 0.020 $\pm$ 0.000 χ^2 /NDF: 492359.8/8

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 159285588516.5/13

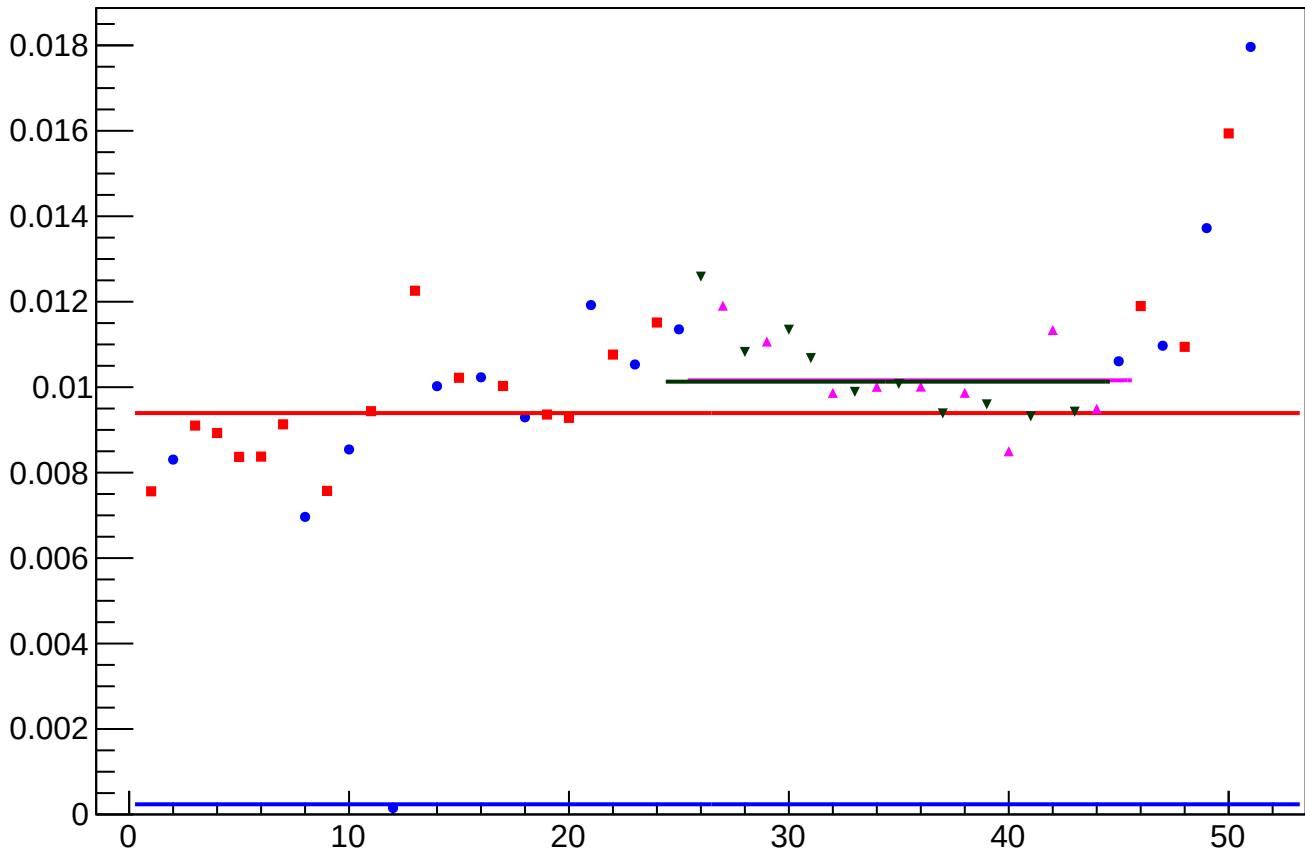
Left Out: 1.288+/-0.000 χ^2/NDF : 3975612.3/9

Right Out: 1.122+/-0.000 χ^2/NDF : 8033332278.0/17

Left In: 1.293+/-0.000 χ^2/NDF : 4684486.6/8

-0.106+/-0.000 χ^2/NDF : 505549346131.3/50

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15652832.2/13

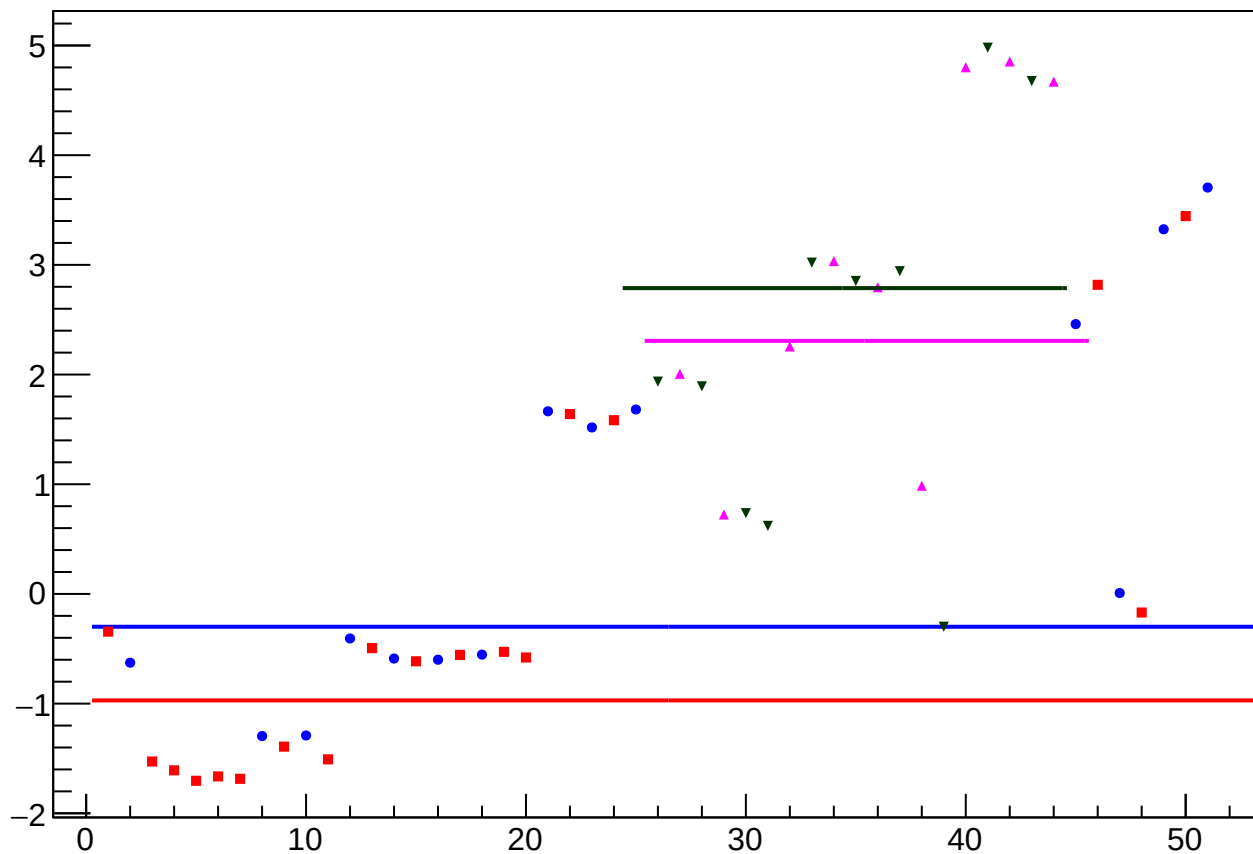
Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 78195.0/9

0.000 $\pm$ 0.000 χ^2 /NDF: 50386199.9/50

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 489138.5/17

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF: 100525.5/8

yield_bpm1X_mean vs slug



Right In: -0.299 ± 0.000 χ^2/NDF : 6088092659.0/13

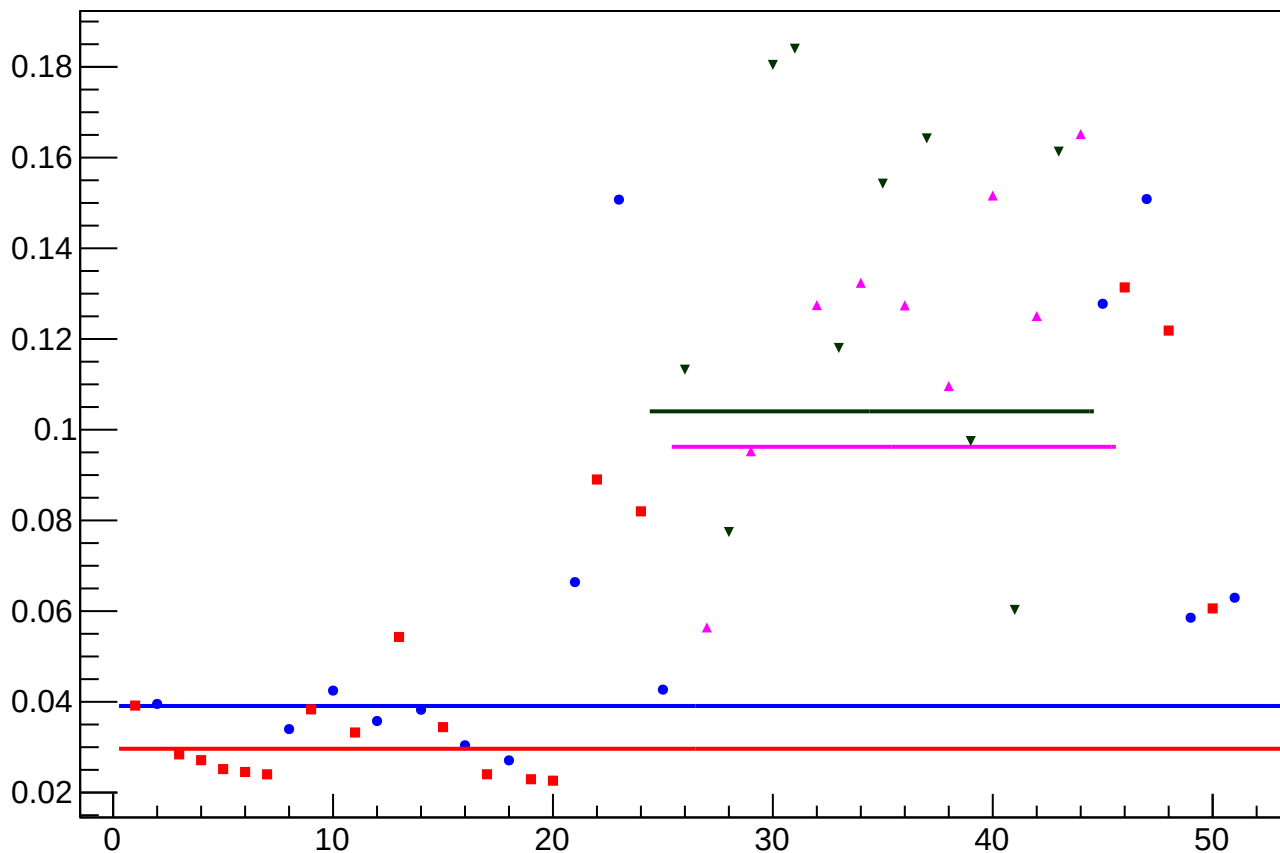
Left Out: 2.788 ± 0.000 χ^2/NDF : 939335767.4/9

Right Out: -0.971 ± 0.000 χ^2/NDF : 4837675748.8/17

Left In: 2.307 ± 0.000 χ^2/NDF : 636943051.6/8

-0.506 ± 0.000 χ^2/NDF : 20833339438.6/50

yield_bpm1X_rms vs slug



Right In: 0.039+/-0.000 χ^2/NDF : 2117981.7/13

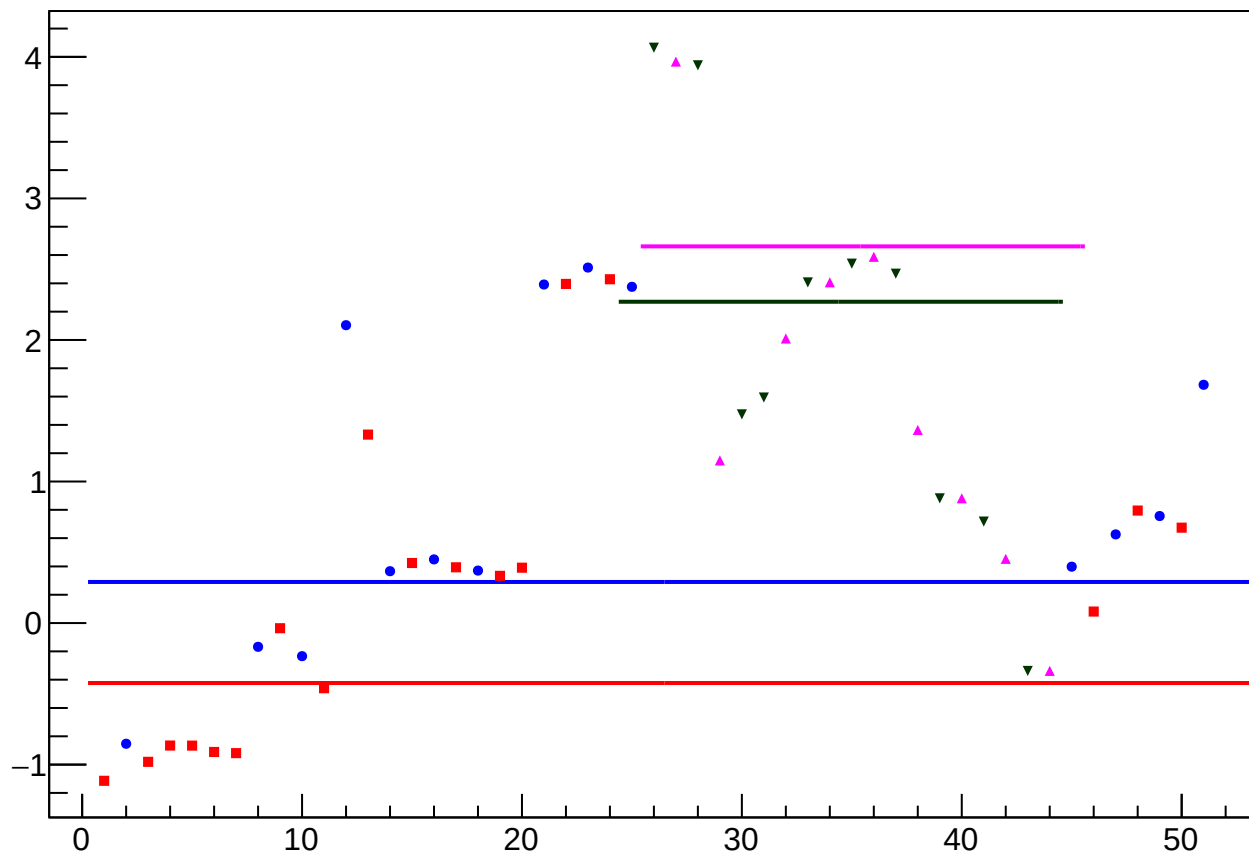
Left Out: 0.104+/-0.000 χ^2/NDF :1080558.8/9

Right Out: 0.030+/-0.000 χ^2/NDF : 2116663.1/17

Left In: 0.096+/-0.000 χ^2/NDF :1064223.3/8

0.038+/-0.000 χ^2/NDF : 12897305.0/50

yield_bpm1Y_mean vs slug



Right In: 0.290 $\pm$ 0.000 χ^2 /NDF: 7005951762.4/13

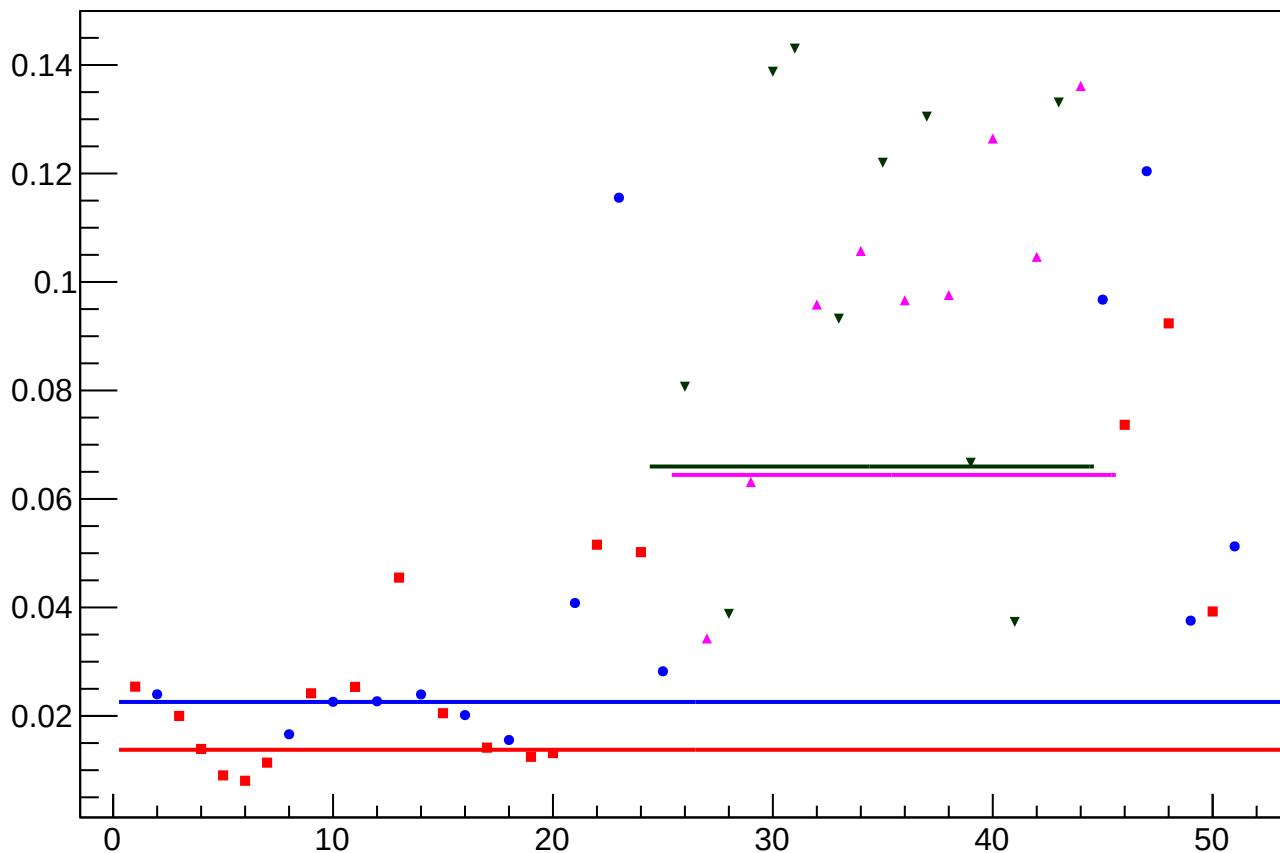
Left Out: 2.270 $\pm$ 0.000 χ^2 /NDF:1464784442.9/9

Right Out: -0.423 $\pm$ 0.000 χ^2 /NDF: 10676640812.6/17

Left In: 2.661 $\pm$ 0.000 χ^2 /NDF:1577532155.4/8

-0.103 $\pm$ 0.000 χ^2 /NDF: 34661457810.2/50

yield_bpm1Y_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 2602674.6/13

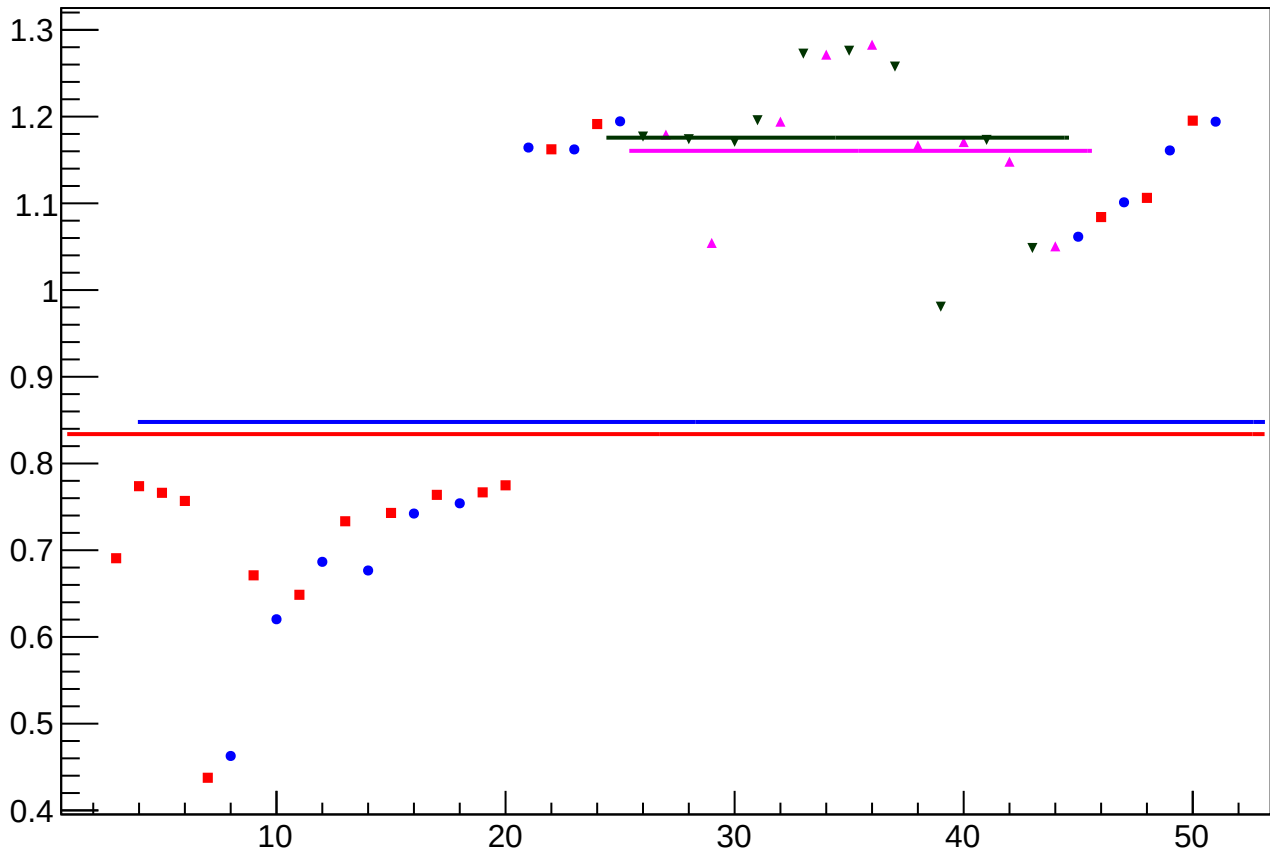
Left Out: 0.066+/-0.000 χ^2/NDF :1793503.7/9

Right Out: 0.014+/-0.000 χ^2/NDF : 3297681.5/17

Left In: 0.064+/-0.000 χ^2/NDF :1803129.9/8

0.018+/-0.000 χ^2/NDF : 17307704.6/50

yield_bpm11X_mean vs slug



Right In: 0.848 $\pm$ 0.000 χ^2 /NDF: 1192807406.6/12

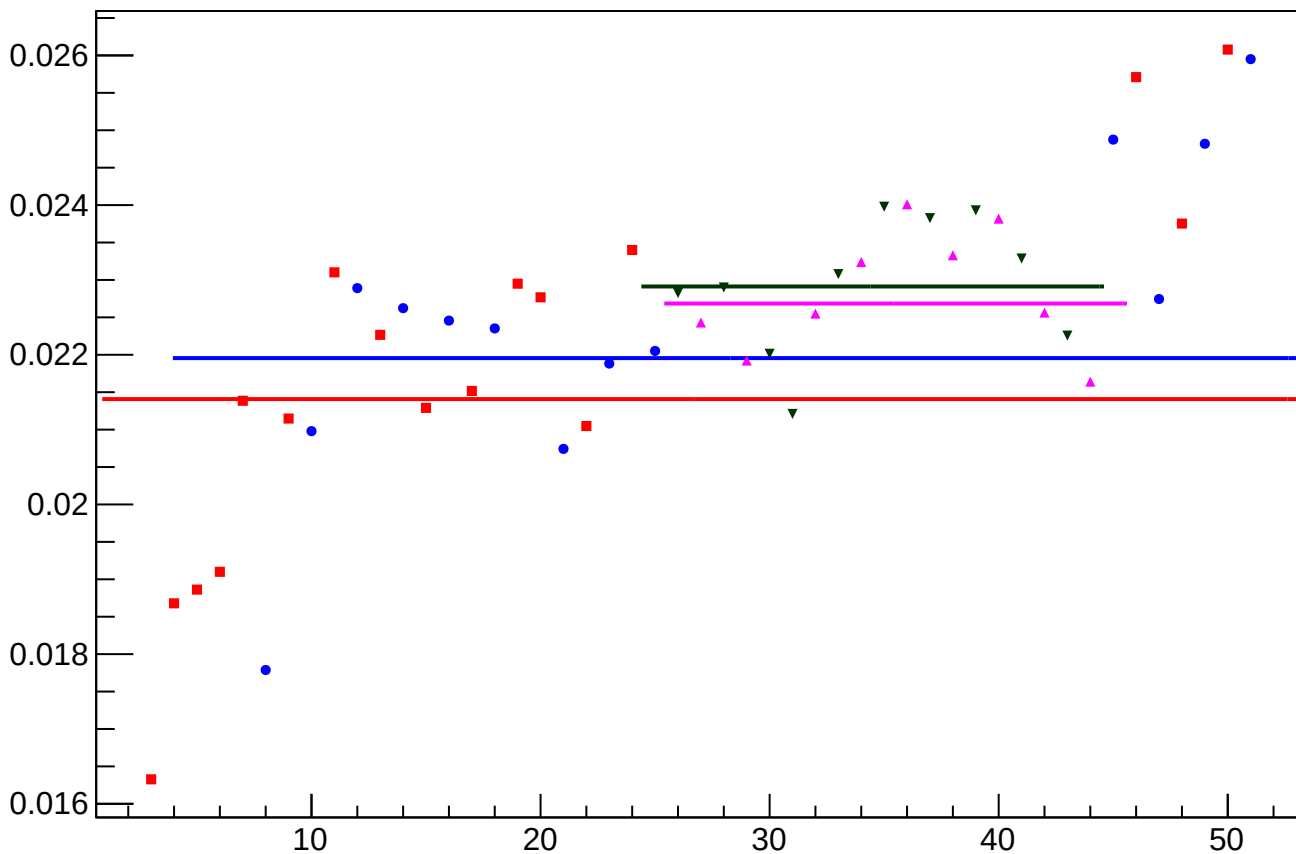
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66957643.7/9

0.965 $\pm$ 0.000 χ^2 /NDF: 3365441293.2/48

Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 712401463.0/16

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF: 58009223.4/8

yield_bpm11X_rms vs slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 162239.0/12

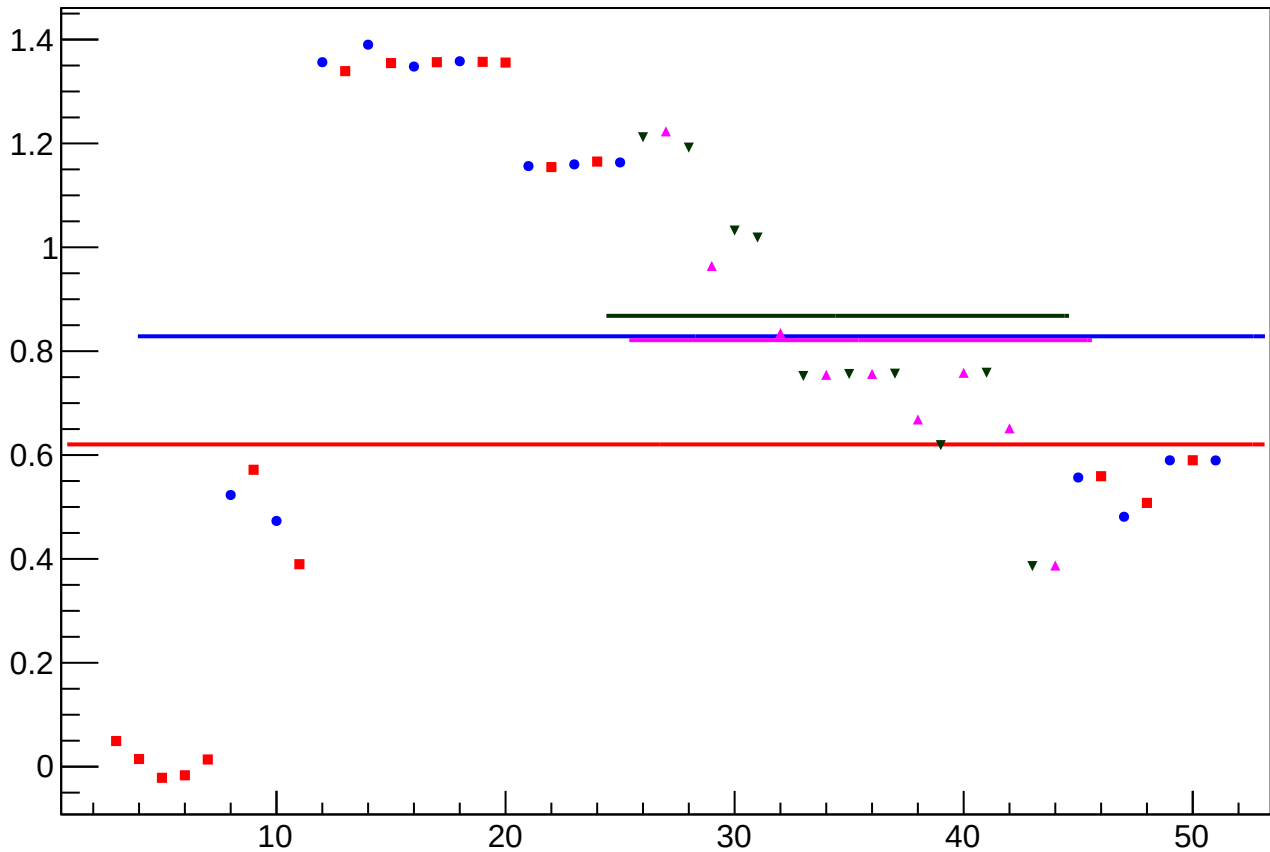
Left Out: 0.023 $\pm$ 0.000 χ^2 /NDF:12595.5/9

Right Out: 0.021 $\pm$ 0.000 χ^2 /NDF: 191515.0/16

Left In: 0.023 $\pm$ 0.000 χ^2 /NDF:10950.5/8

0.022 $\pm$ 0.000 χ^2 /NDF: 413621.7/48

yield_bpm11Y_mean vs slug



Right In: 0.829+/-0.000 χ^2/NDF : 89461020779.5/12

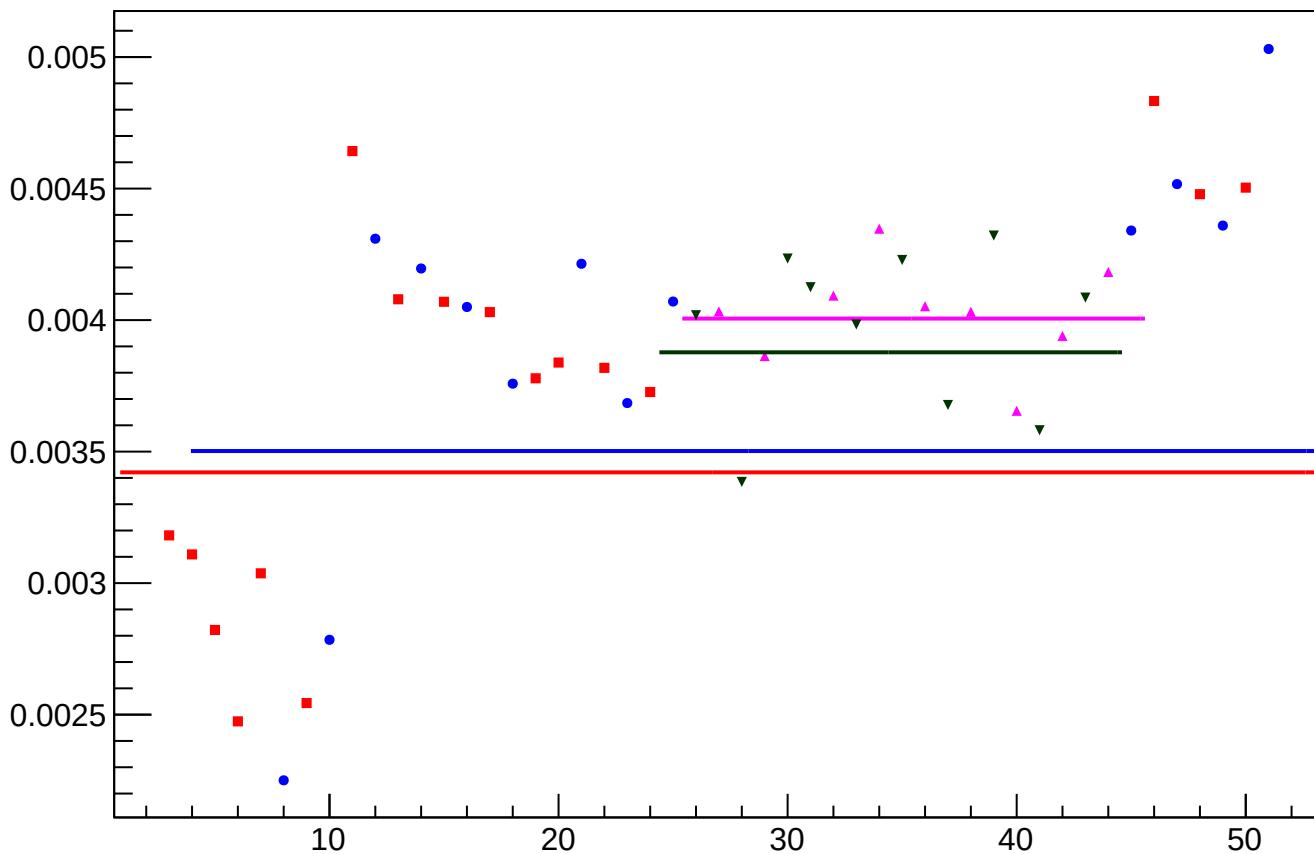
Left Out: 0.868+/-0.000 χ^2/NDF : 20106418581.2/9

0.765+/-0.000 χ^2/NDF : 319699419757.5/48

Right Out: 0.620+/-0.000 χ^2/NDF : 173204601422.8/16

Left In: 0.821+/-0.000 χ^2/NDF : 16932395781.7/8

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 994281.6/12

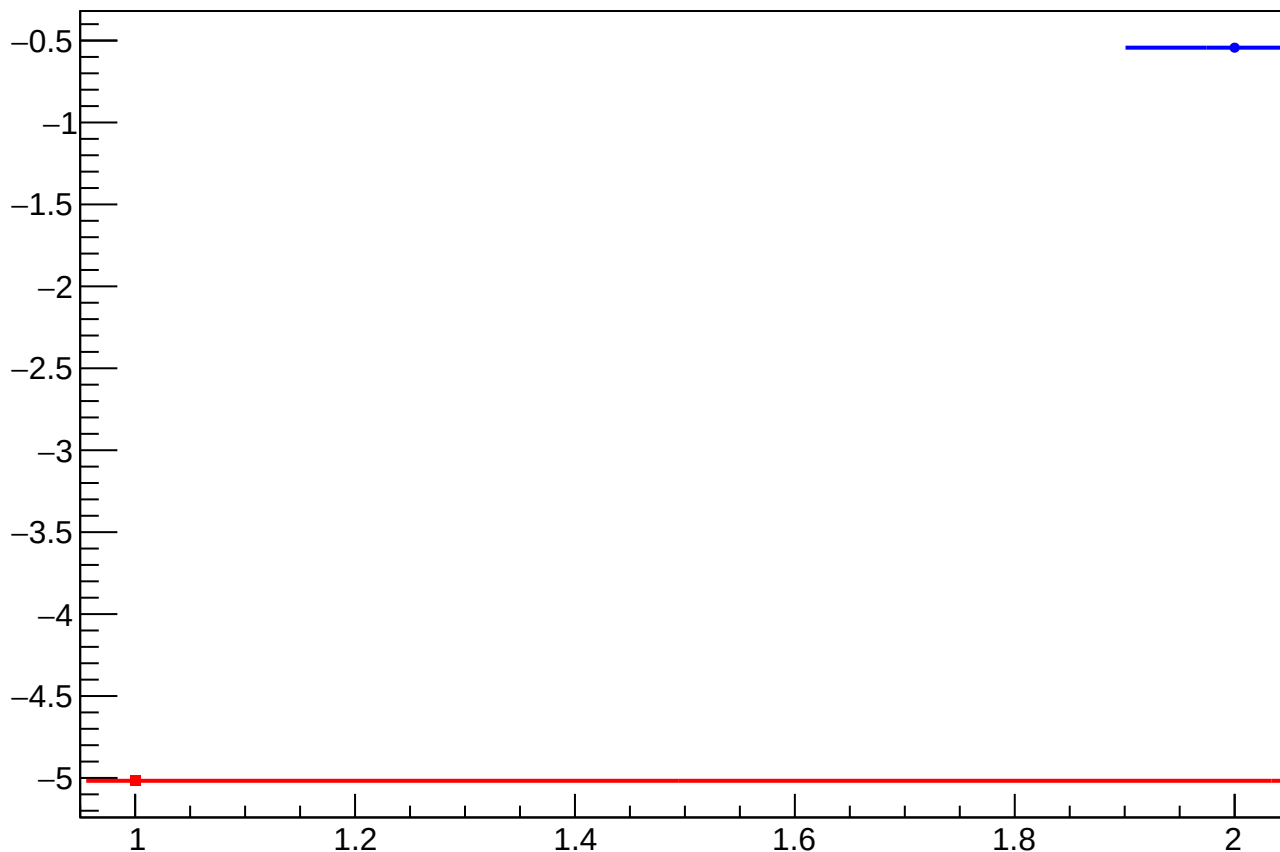
Left Out: 0.004+/-0.000 χ^2/NDF : 65302.6/9

0.004+/-0.000 χ^2/NDF : 2038821.5/48

Right Out: 0.003+/-0.000 χ^2/NDF : 748808.0/16

Left In: 0.004+/-0.000 χ^2/NDF : 20421.7/8

yield_bpm14X_mean vs slug



Right In: -0.544+/-0.000 χ^2/NDF : 0.0/0

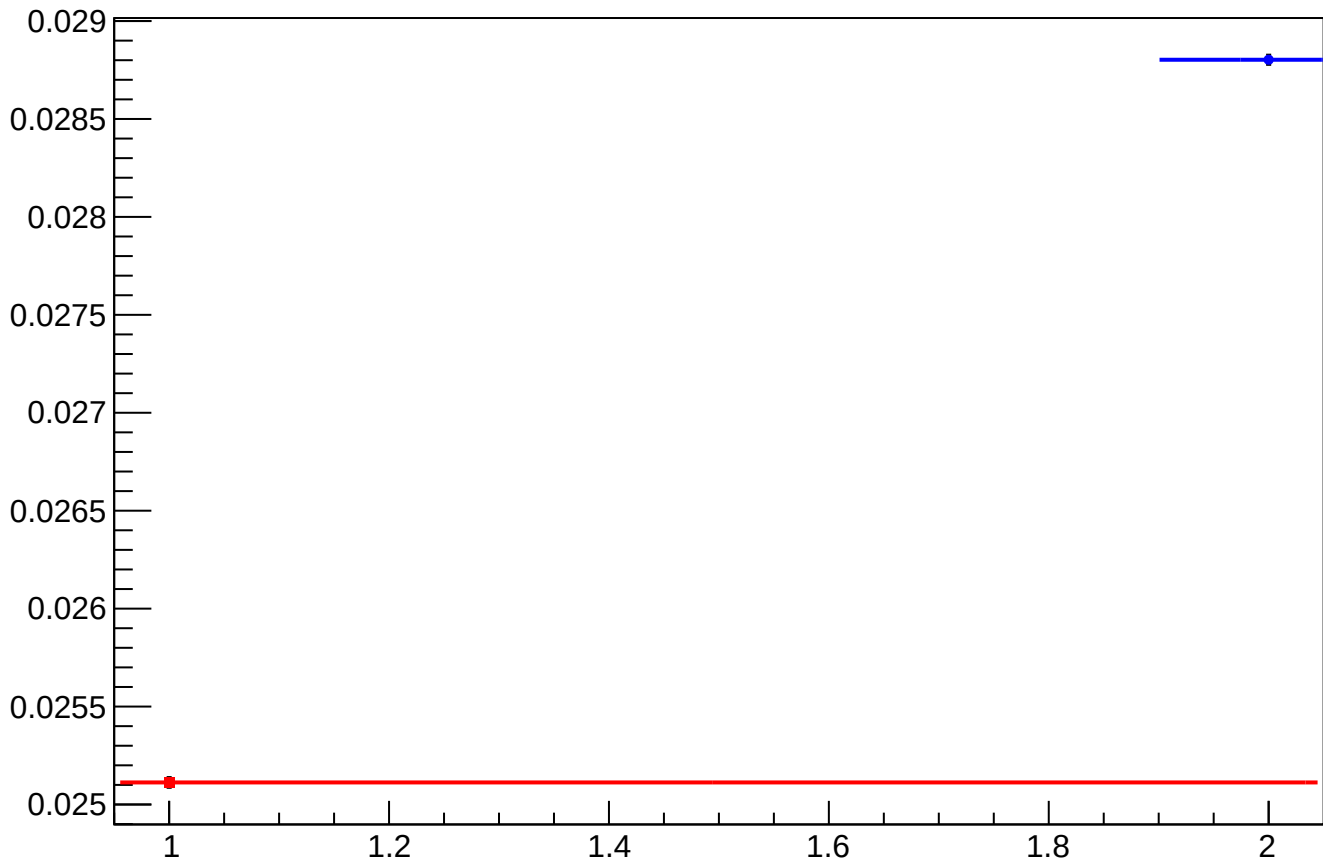
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.017+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.662+/-0.000 χ^2/NDF : 7035298574.8/1

yield_bpm14X_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 0.0/0

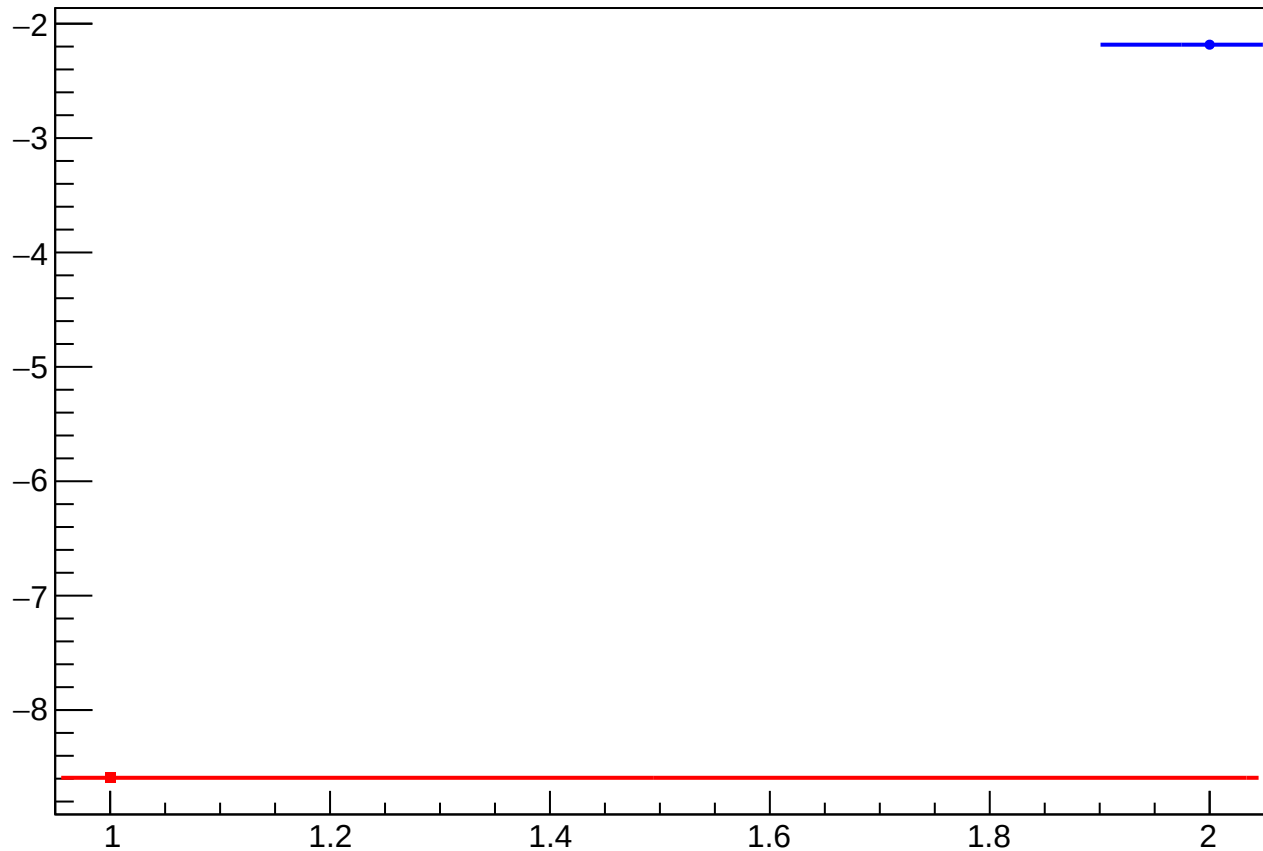
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 9570.9/1

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14Y_mean vs slug



Right In: -2.183+/-0.000 χ^2/NDF : 0.0/0

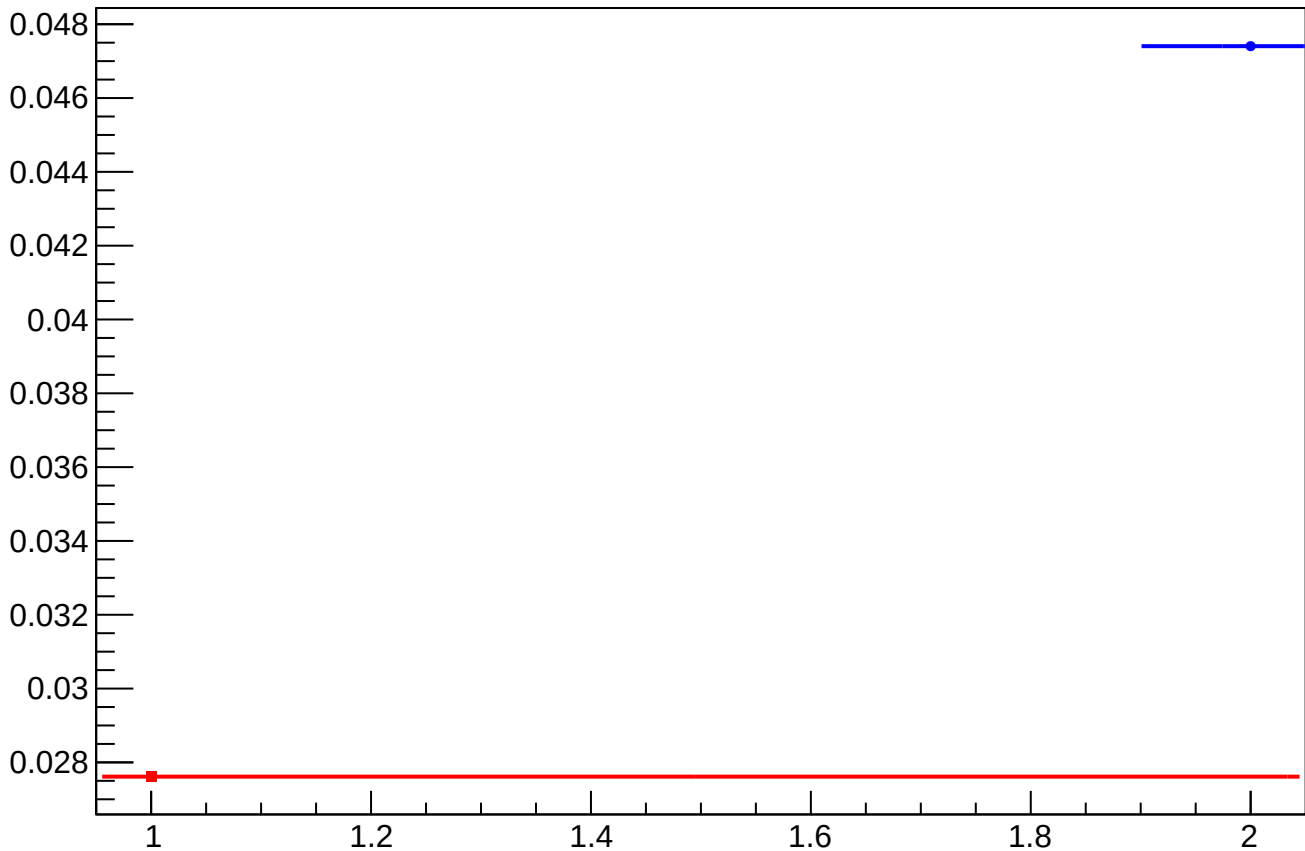
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.592+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.176+/-0.000 χ^2/NDF : 7821070816.7/1

yield_bpm14Y_rms vs slug



Right In: 0.047+/-0.000 χ^2/NDF : 0.0/0

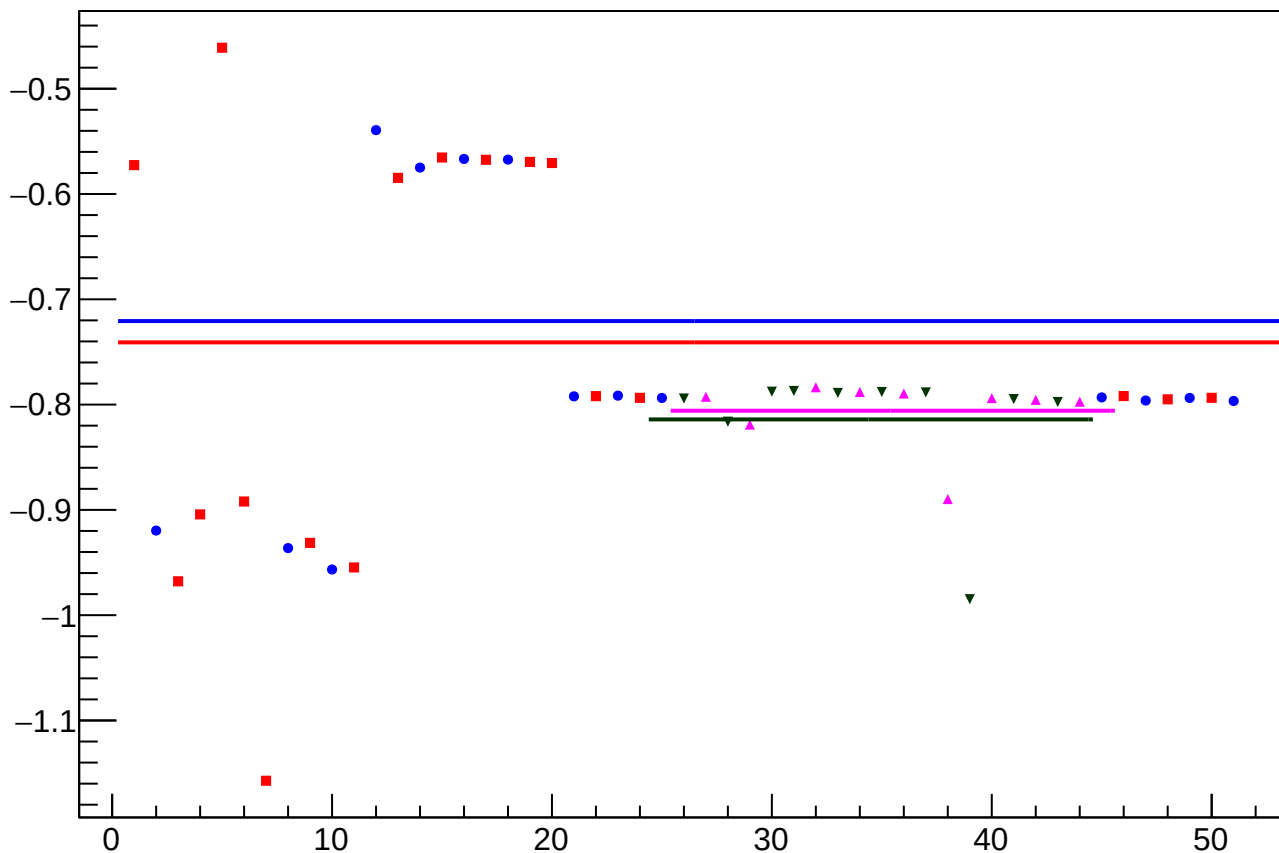
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.035+/-0.000 χ^2/NDF : 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.721+/-0.000 χ^2/NDF : 2086857922.6/13

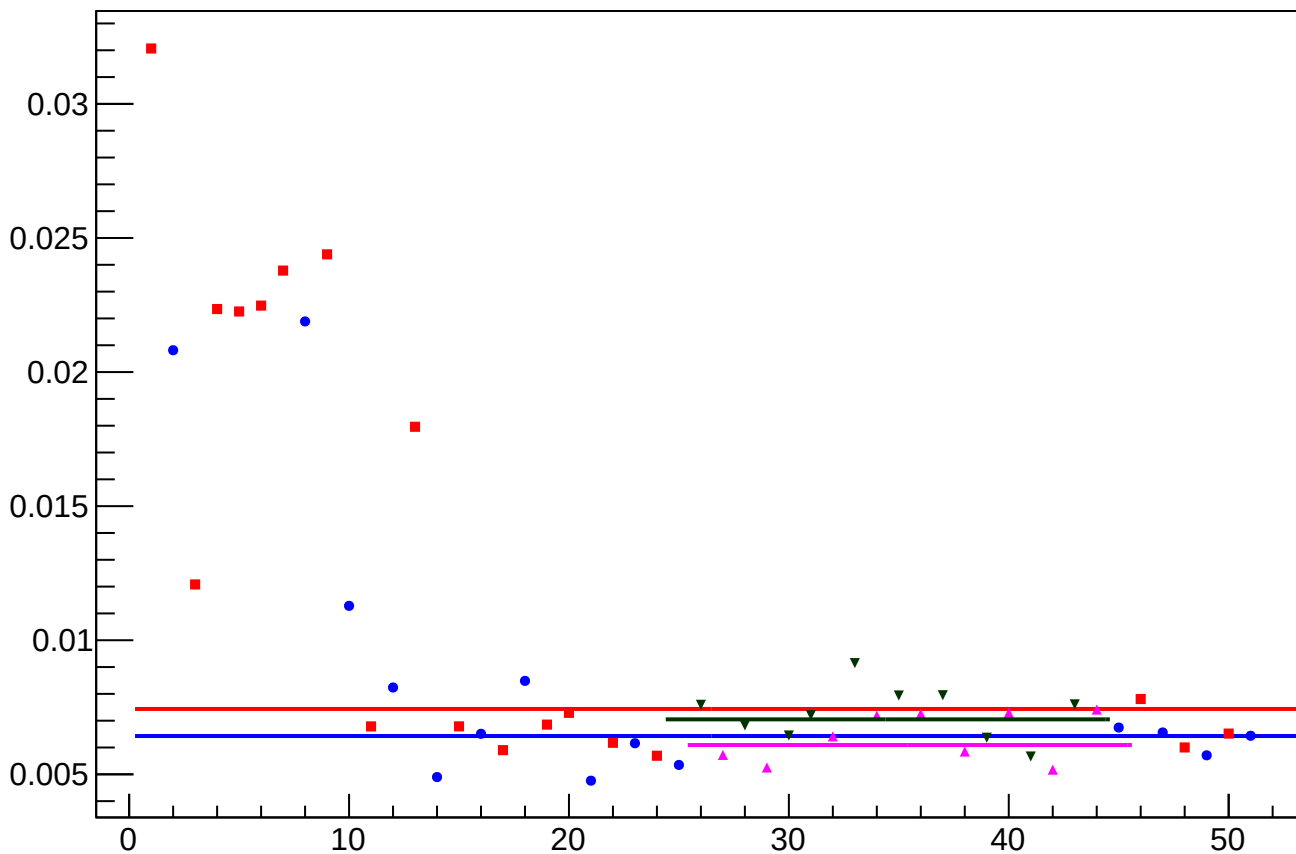
Left Out: -0.814+/-0.000 χ^2/NDF : 256464104.9/9

Right Out: -0.741+/-0.000 χ^2/NDF : 1942966796.6/17

Left In: -0.806+/-0.000 χ^2/NDF : 95420570.3/8

-0.764+/-0.000 χ^2/NDF : 5085106780.1/50

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 2178582.6/13

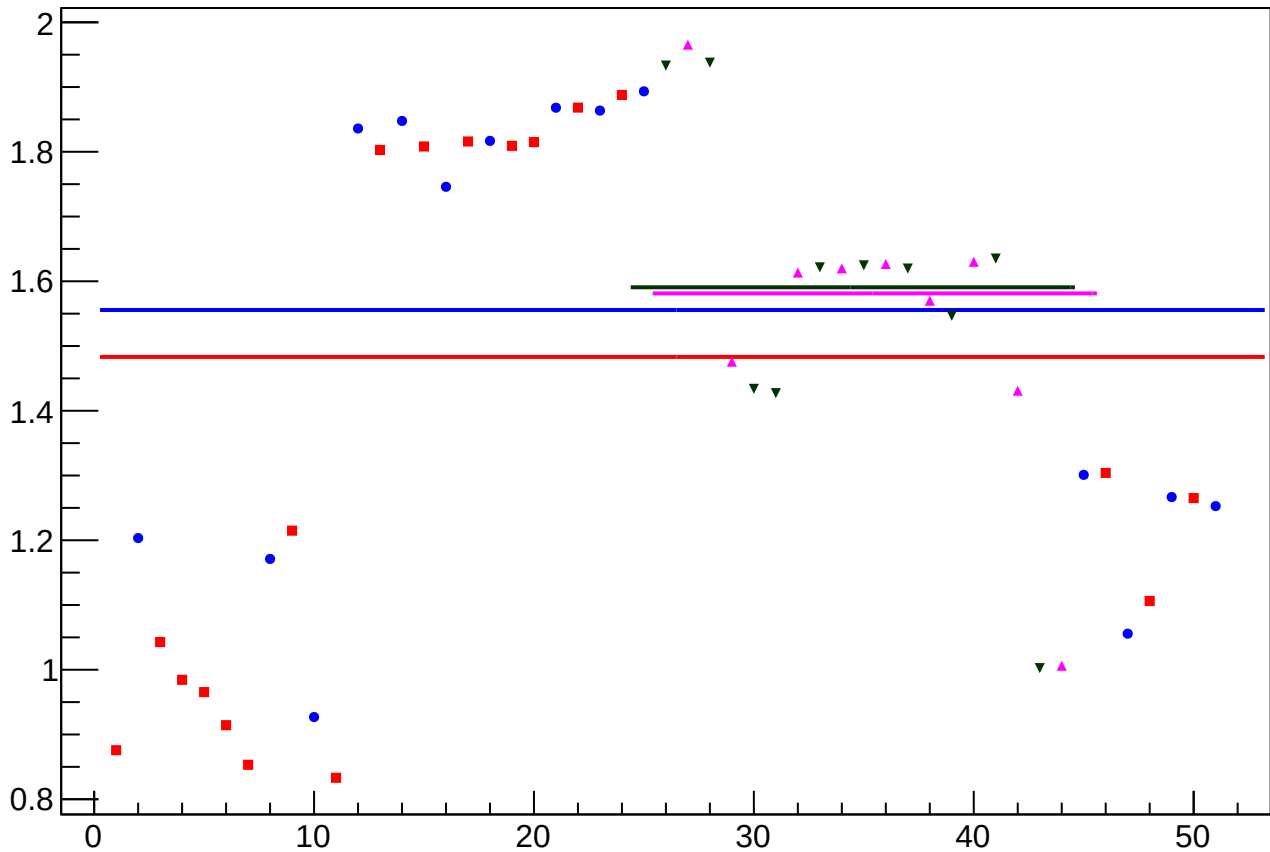
Left Out: 0.007+/-0.000 χ^2/NDF :135734.7/9

Right Out: 0.007+/-0.000 χ^2/NDF : 3068678.5/17

Left In: 0.006+/-0.000 χ^2/NDF :142784.9/8

0.007+/-0.000 χ^2/NDF : 5752193.6/50

yield_bpm12Y_mean vs slug



Right In: 1.556+/-0.000 χ^2/NDF : 18802487416.0/13

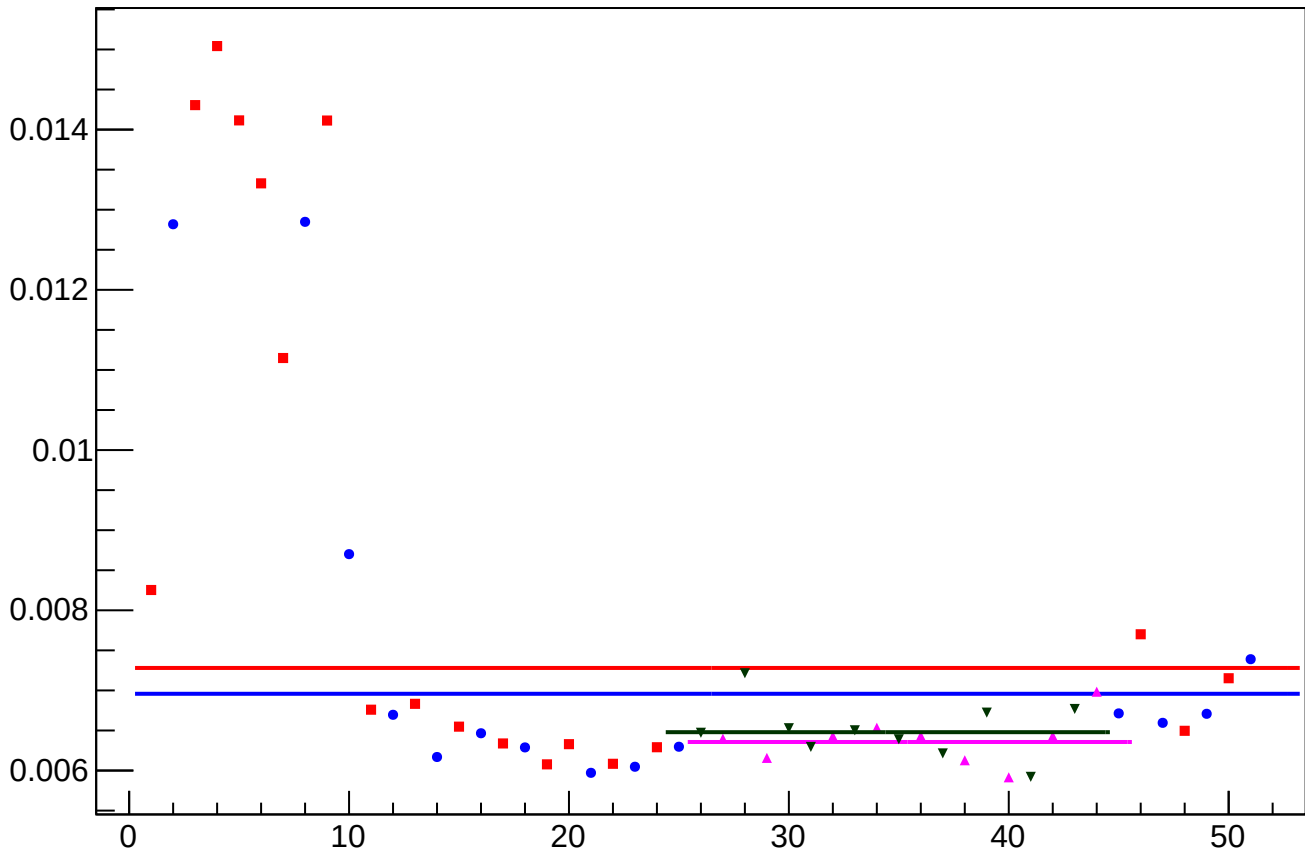
Left Out: 1.591+/-0.000 χ^2/NDF : 6915023790.1/9

1.551+/-0.000 χ^2/NDF : 56462137035.2/50

Right Out: 1.483+/-0.000 χ^2/NDF : 23064363224.6/17

Left In: 1.581+/-0.000 χ^2/NDF : 6756144675.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 852113.3/13

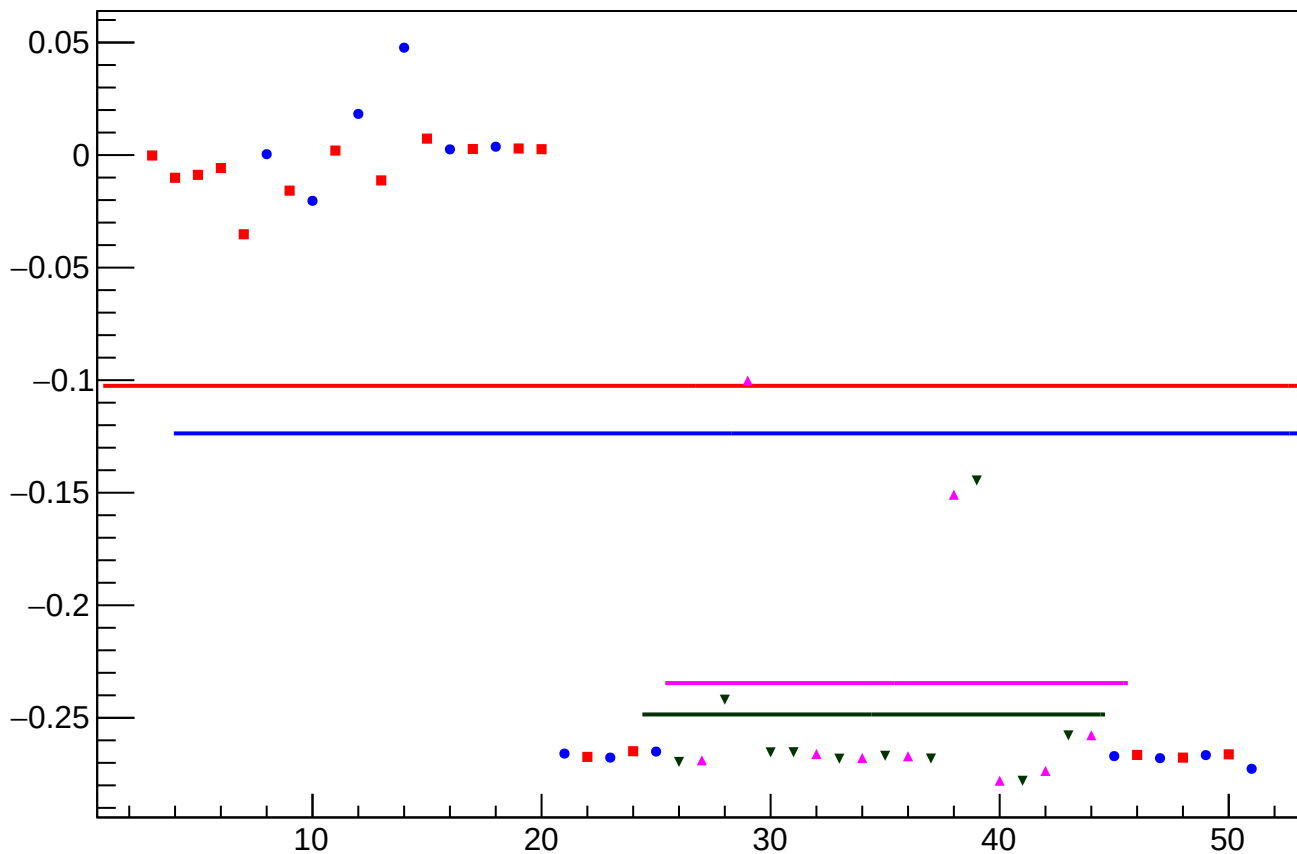
Left Out: 0.006+/-0.000 χ^2/NDF :27614.9/9

0.007+/-0.000 χ^2/NDF : 2261651.0/50

Right Out: 0.007+/-0.000 χ^2/NDF : 1220428.5/17

Left In: 0.006+/-0.000 χ^2/NDF :17003.9/8

yield_bpm16X_mean vs slug



Right In: -0.124+/-0.000 χ^2 /NDF: 6278705813.0/12

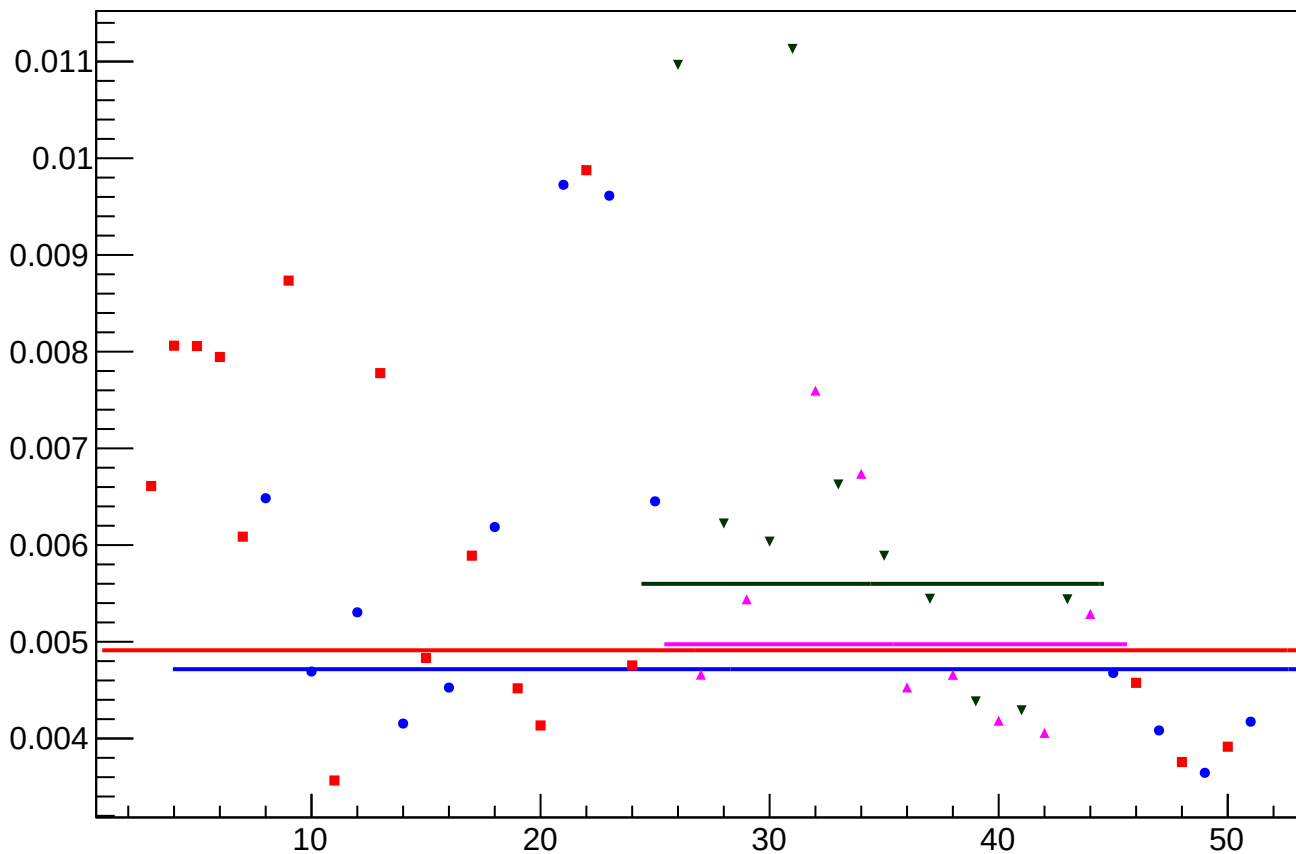
Left Out: -0.249+/-0.000 χ^2 /NDF: 259520156.5/9

Right Out: -0.103+/-0.000 χ^2 /NDF: 4535877980.8/16

Left In: -0.235+/-0.000 χ^2 /NDF: 786943875.1/8

-0.160+/-0.000 χ^2 /NDF: 15336304270.3/48

yield_bpm16X_rms vs slug



Right In: 0.005 ± 0.000 χ^2/NDF : 978706.2/12

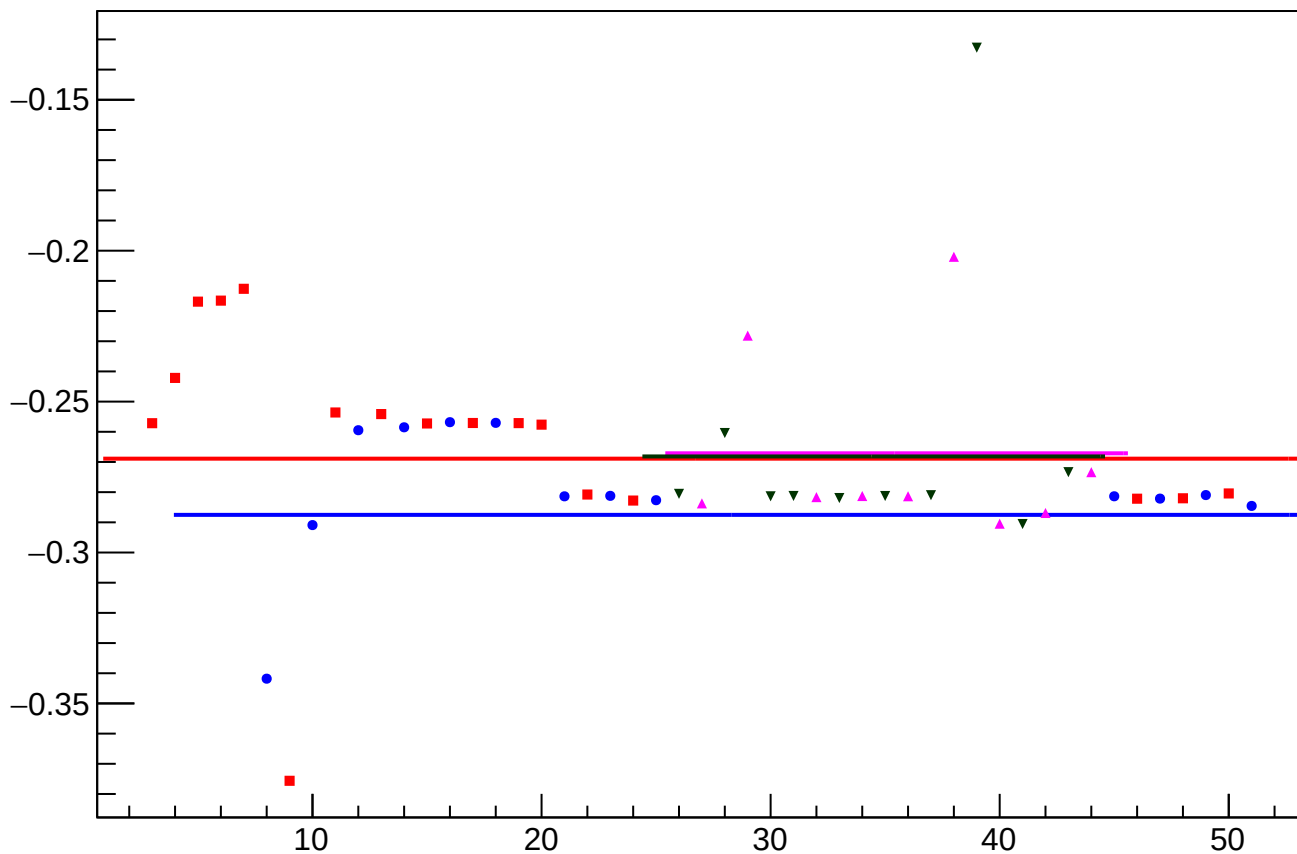
Left Out: 0.006 ± 0.000 χ^2/NDF : 602668.6/9

Right Out: 0.005 ± 0.000 χ^2/NDF : 1391153.6/16

Left In: 0.005 ± 0.000 χ^2/NDF : 363318.6/8

0.005 ± 0.000 χ^2/NDF : 3487286.4/48

yield_bpm16Y_mean vs slug



Right In: -0.288 ± 0.000 χ^2/NDF : 959304526.1/12

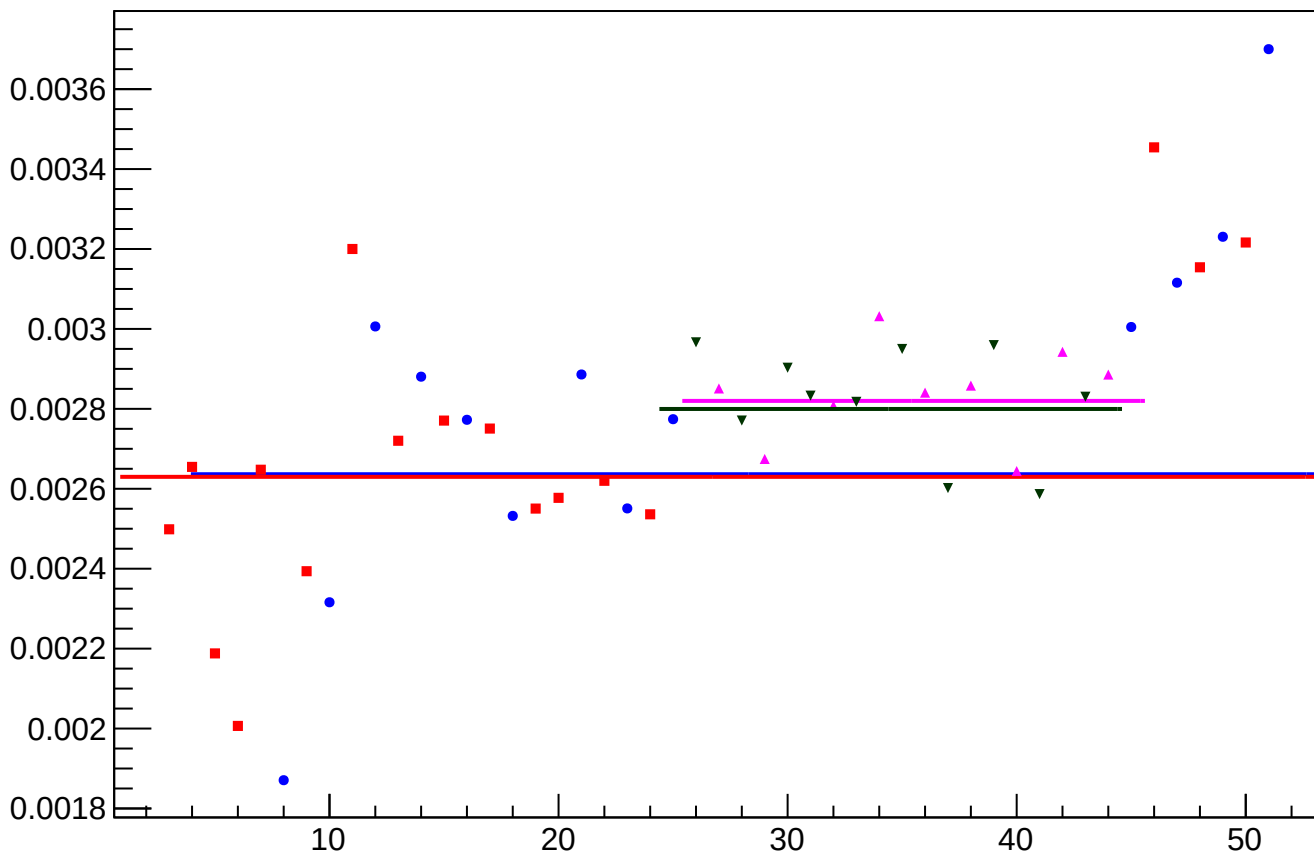
Left Out: -0.268 ± 0.000 χ^2/NDF : 960541280.3/9

Right Out: -0.269 ± 0.000 χ^2/NDF : 2074061809.6/16

Left In: -0.267 ± 0.000 χ^2/NDF : 554012082.4/8

-0.274 ± 0.000 χ^2/NDF : 4832818152.2/48

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 519776.3/12

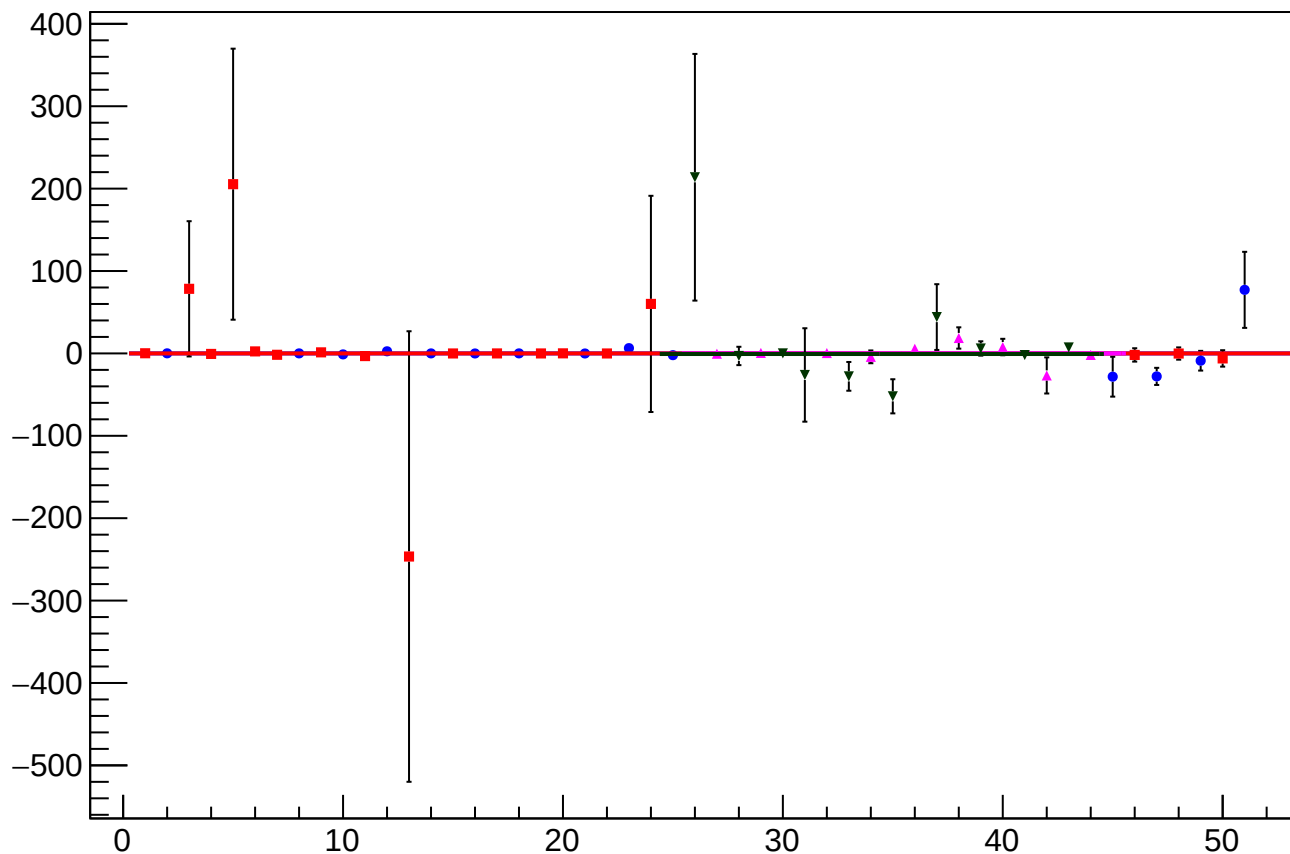
Left Out: 0.003+/-0.000 χ^2/NDF : 23634.3/9

Right Out: 0.003+/-0.000 χ^2/NDF : 294726.6/16

Left In: 0.003+/-0.000 χ^2/NDF : 16390.9/8

0.003+/-0.000 χ^2/NDF : 906492.3/48

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 29.8/13

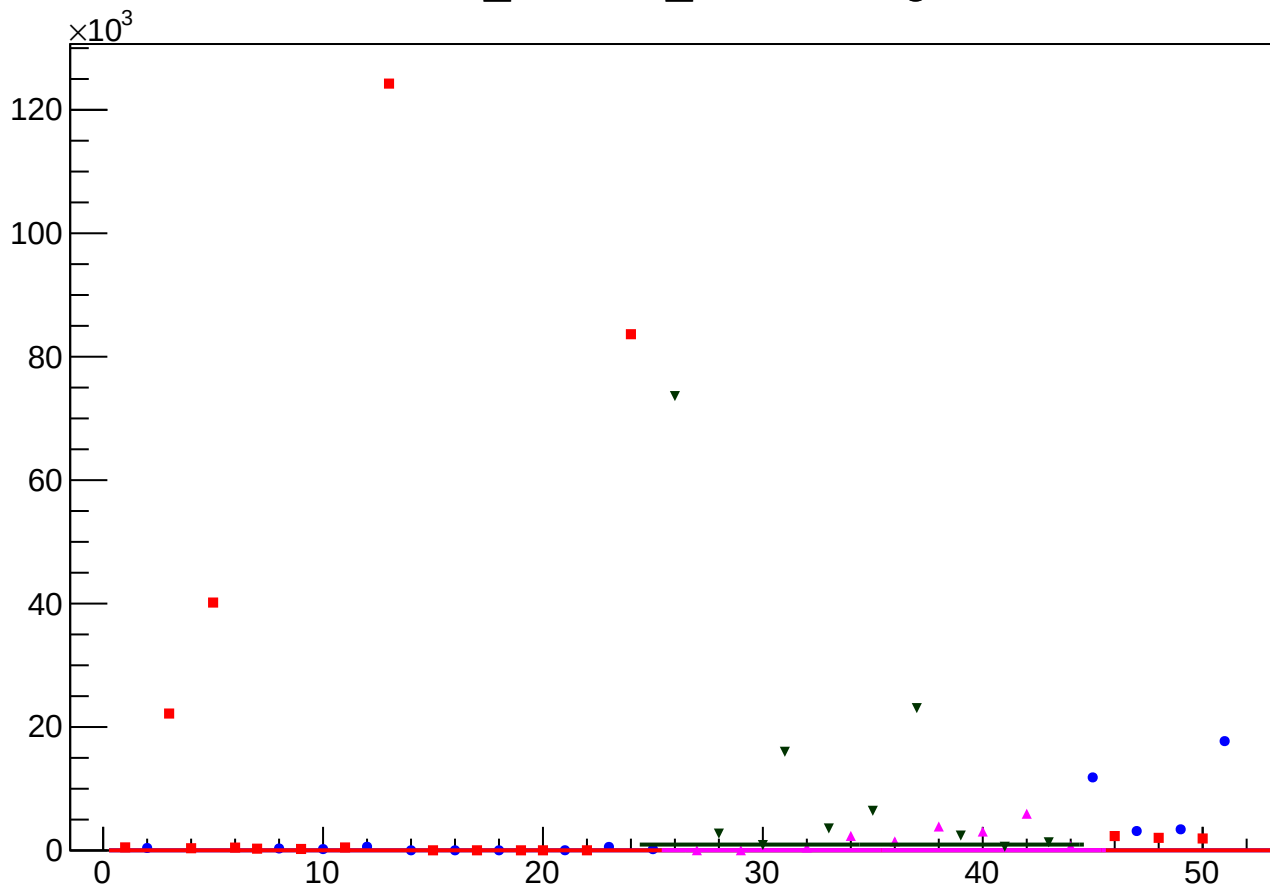
Left Out: -0.739 ± 1.551 χ^2/NDF : 15.8/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 22.4/17

Left In: 0.085 ± 0.168 χ^2/NDF : 15.7/8

-0.013 ± 0.011 χ^2/NDF : 84.4/50

diff_cav4bX_rms vs slug



Right In: 22.473 $\pm$ 0.011 χ^2/NDF : 1876649.1/13

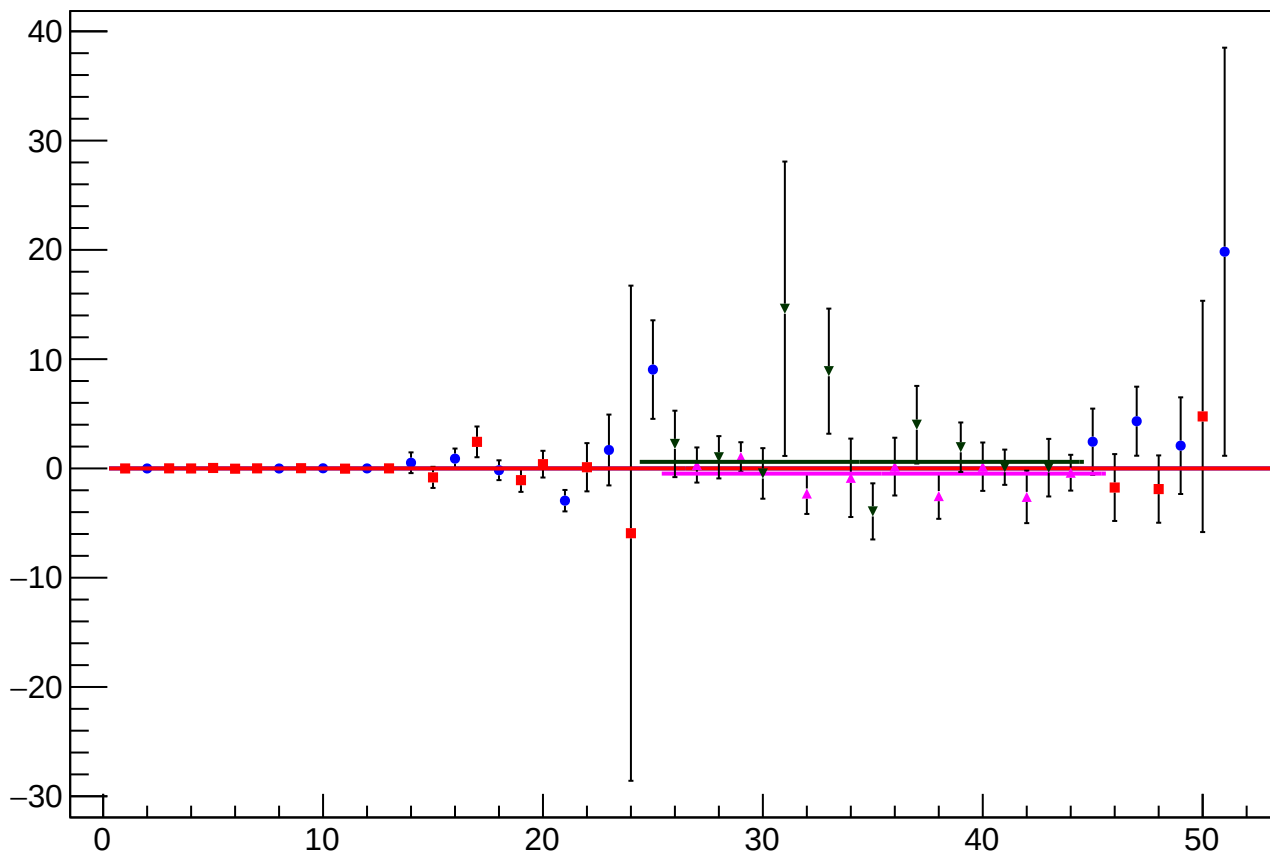
Left Out: 952.852 $\pm$ 1.097 χ^2/NDF : 1588574.2/9

Right Out: 22.890 $\pm$ 0.012 χ^2/NDF : 2475806.8/17

Left In: 61.509 $\pm$ 0.119 χ^2/NDF : 1573017.7/8

22.884 $\pm$ 0.008 χ^2/NDF : 8339843.8/50

diff_cav4bY_mean vs slug



Right In: 0.000 ± 0.006 χ^2/NDF : 20.1/13

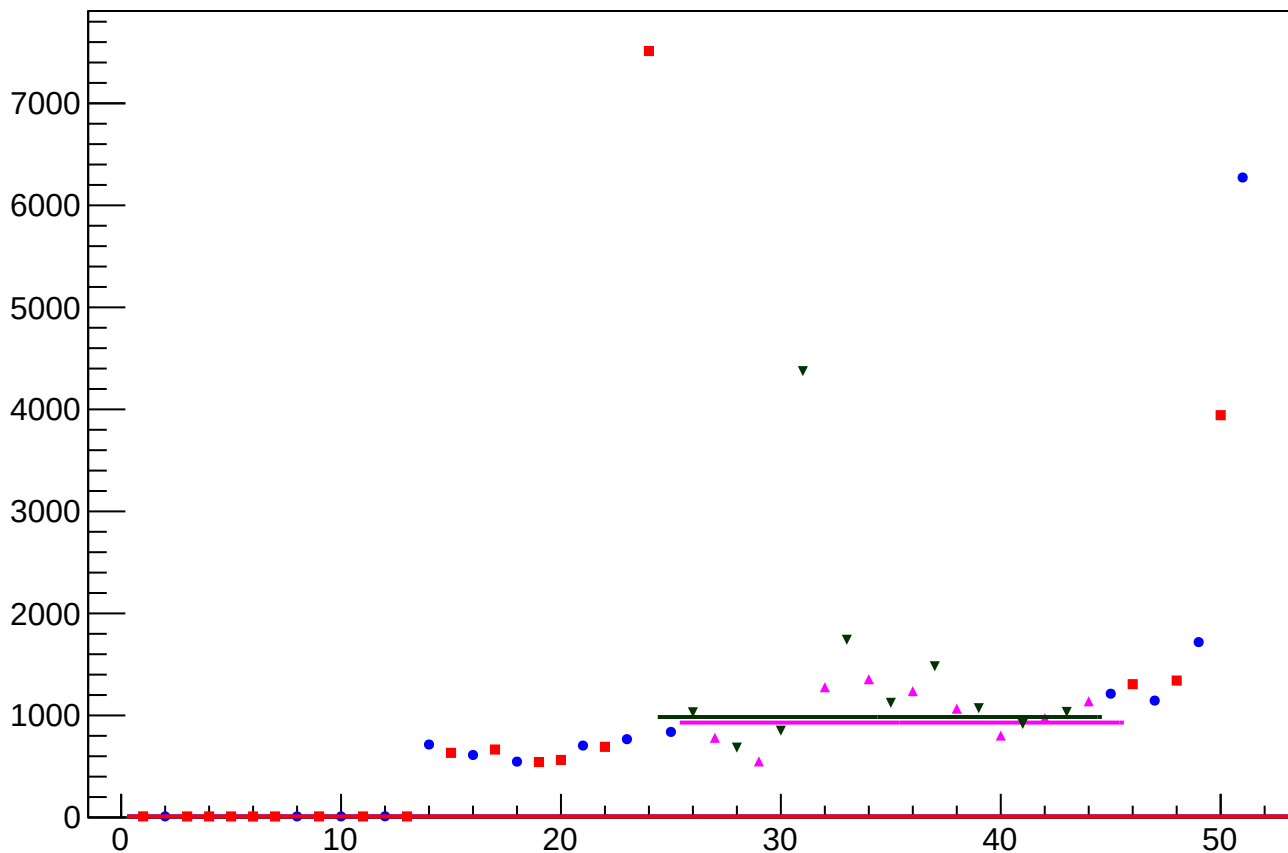
Left Out: 0.601 ± 0.803 χ^2/NDF : 8.3/9

-0.001 ± 0.004 χ^2/NDF : 52.2/50

Right Out: -0.002 ± 0.005 χ^2/NDF : 18.3/17

Left In: -0.474 ± 0.642 χ^2/NDF : 4.4/8

diff_cav4bY_rms vs slug



Right In: 10.610+/-0.004 χ^2 /NDF: 4936875.3/13

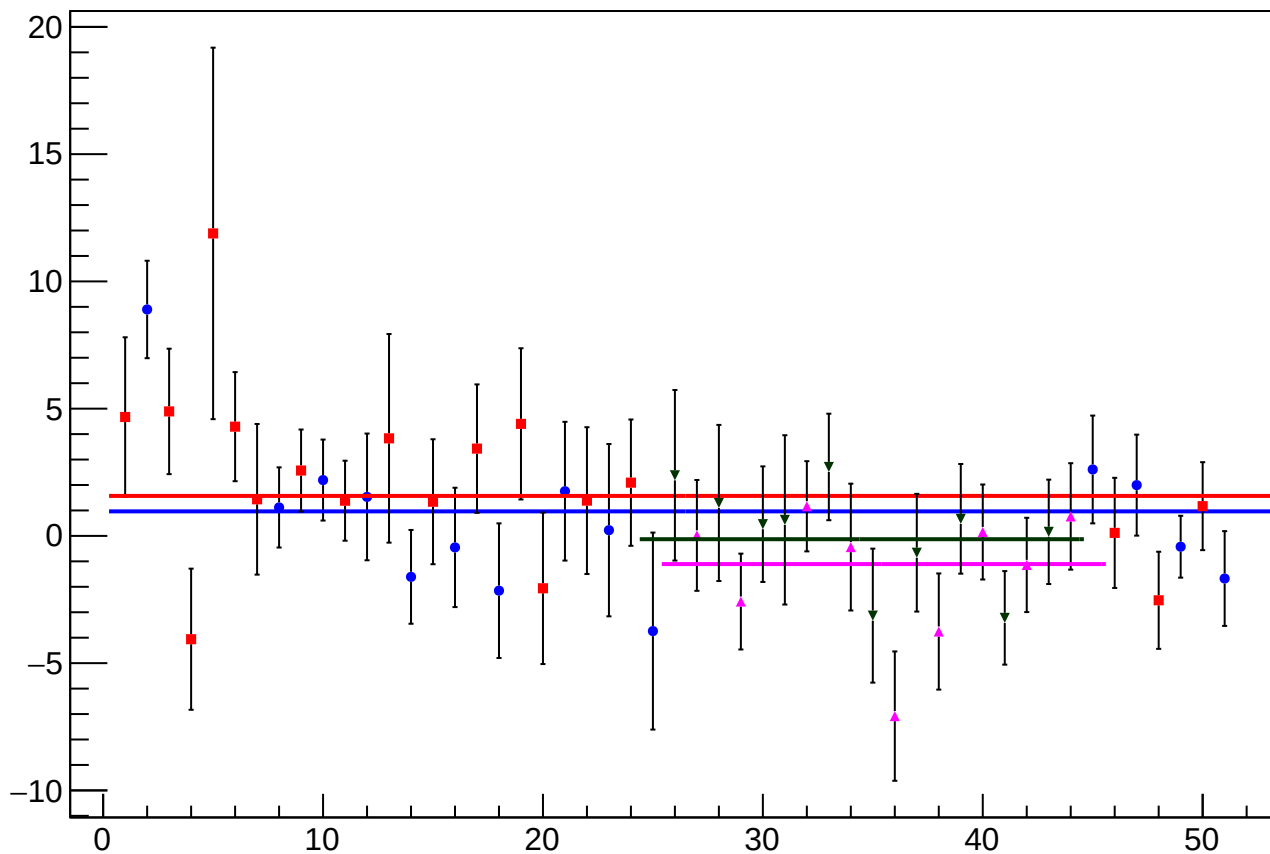
Left Out: 984.448+/-0.567 χ^2 /NDF:269152.2/9

Right Out: 9.971+/-0.003 χ^2 /NDF: 3599084.2/17

Left In: 930.041+/-0.454 χ^2 /NDF:348842.9/8

10.285+/-0.003 χ^2 /NDF: 16220205.7/50

diff_cav4cX_mean vs slug



Right In: 0.964 ± 0.528 χ^2/NDF : 27.3/13

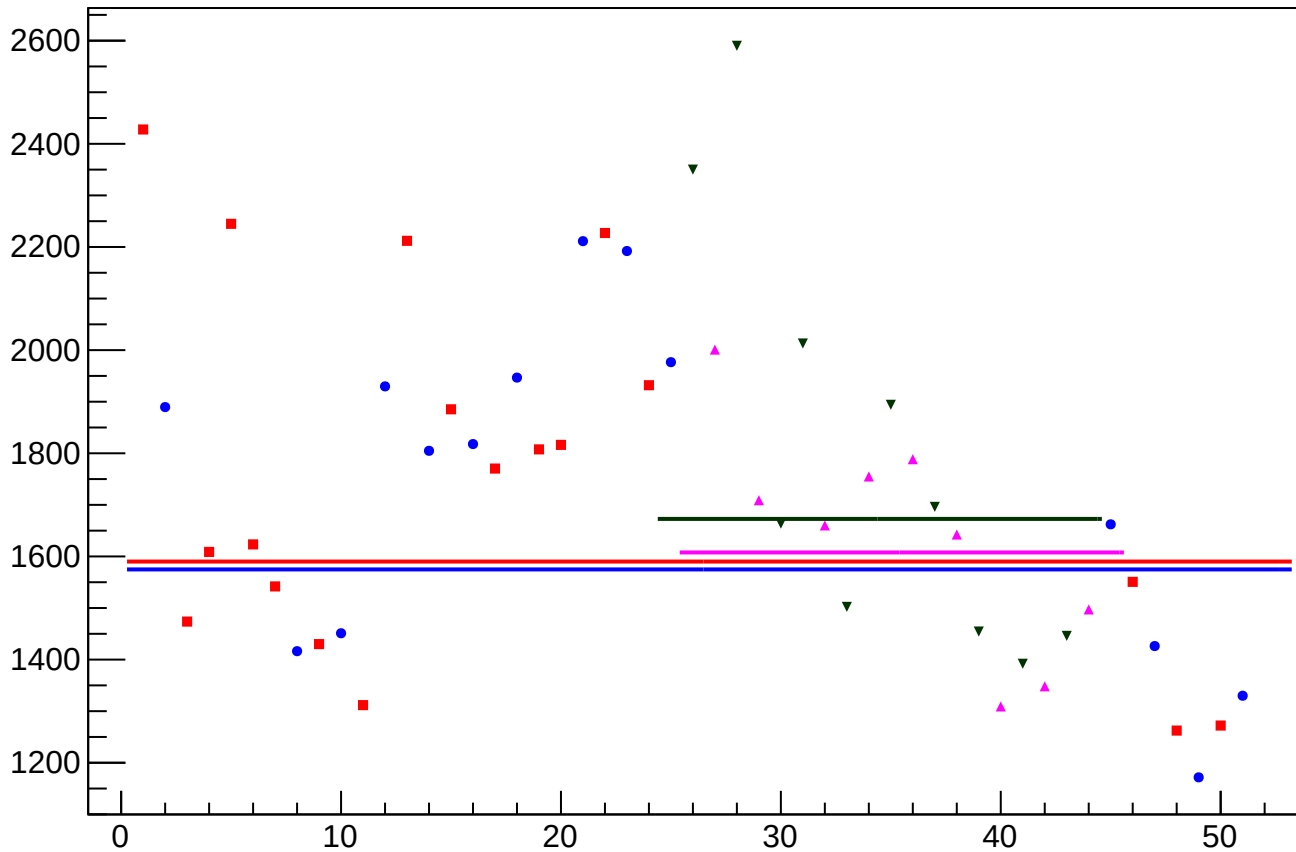
Left Out: -0.130 ± 0.748 χ^2/NDF : 7.1/9

Right Out: 1.571 ± 0.555 χ^2/NDF : 19.4/17

Left In: -1.107 ± 0.686 χ^2/NDF : 10.7/8

0.556 ± 0.305 χ^2/NDF : 75.2/50

diff_cav4cX_rms vs slug



Right In: 1574.837 $\pm$ 0.374 χ^2 /NDF: 685684.5/13

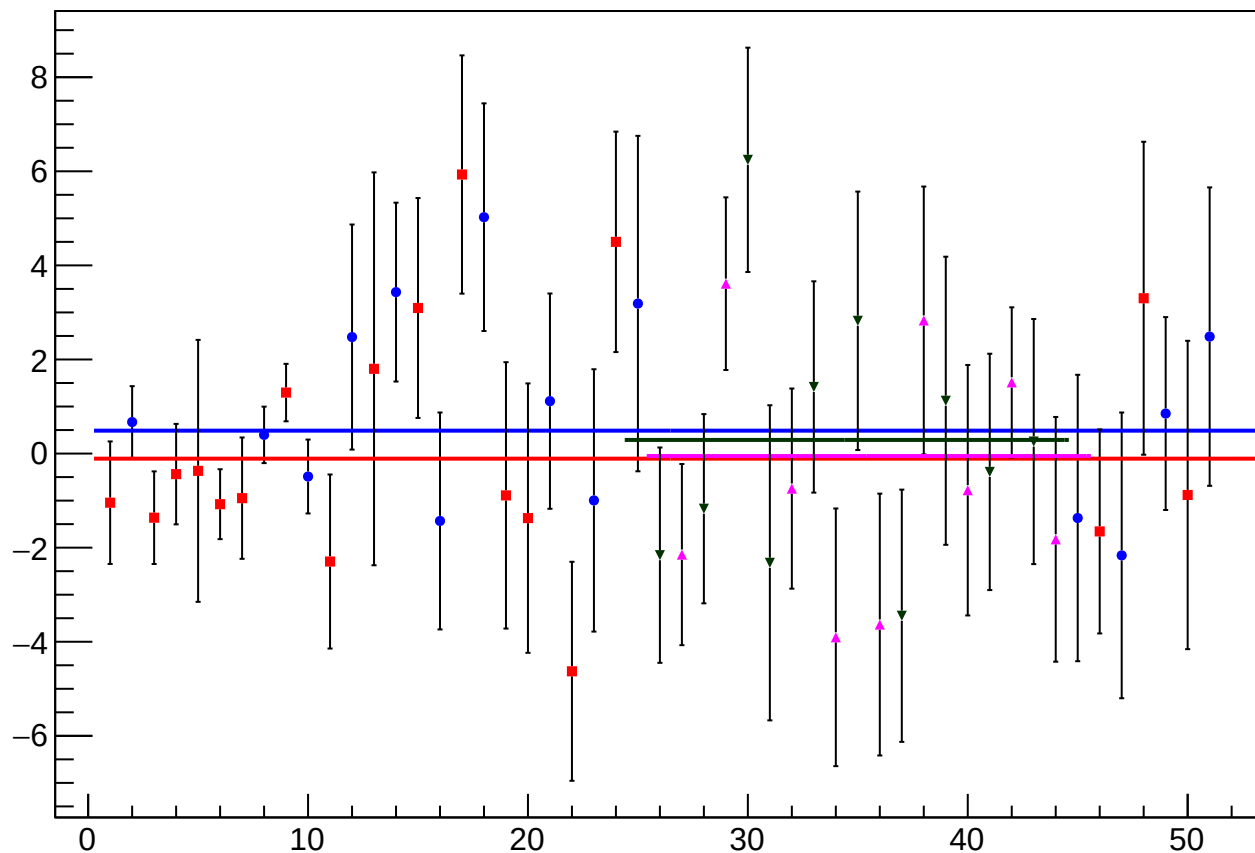
Left Out: 1672.764 $\pm$ 0.529 χ^2 /NDF: 400876.3/9

1602.248 $\pm$ 0.216 χ^2 /NDF: 1914655.1/50

Right Out: 1590.087 $\pm$ 0.392 χ^2 /NDF: 617485.6/17

Left In: 1607.719 $\pm$ 0.485 χ^2 /NDF: 186347.4/8

diff_cav4cY_mean vs slug



Right In: 0.487 ± 0.356 χ^2/NDF : 11.4/13

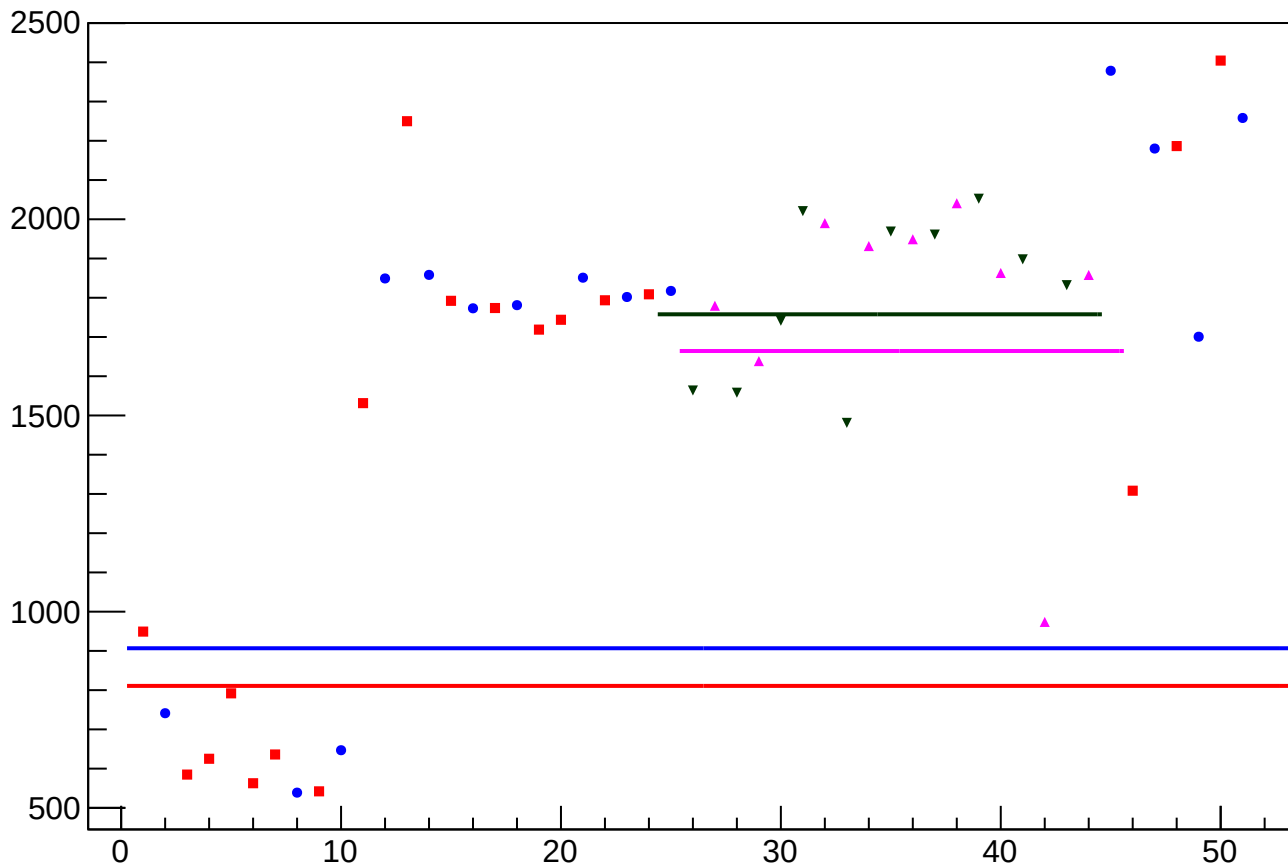
Left Out: 0.290 ± 0.794 χ^2/NDF : 11.7/9

Right Out: -0.108 ± 0.326 χ^2/NDF : 28.4/17

Left In: -0.052 ± 0.734 χ^2/NDF : 11.4/8

0.153 ± 0.220 χ^2/NDF : 64.6/50

diff_cav4cY_rms vs slug



Right In: 906.764 ± 0.252 $\chi^2/\text{NDF}: 4579781.6/13$

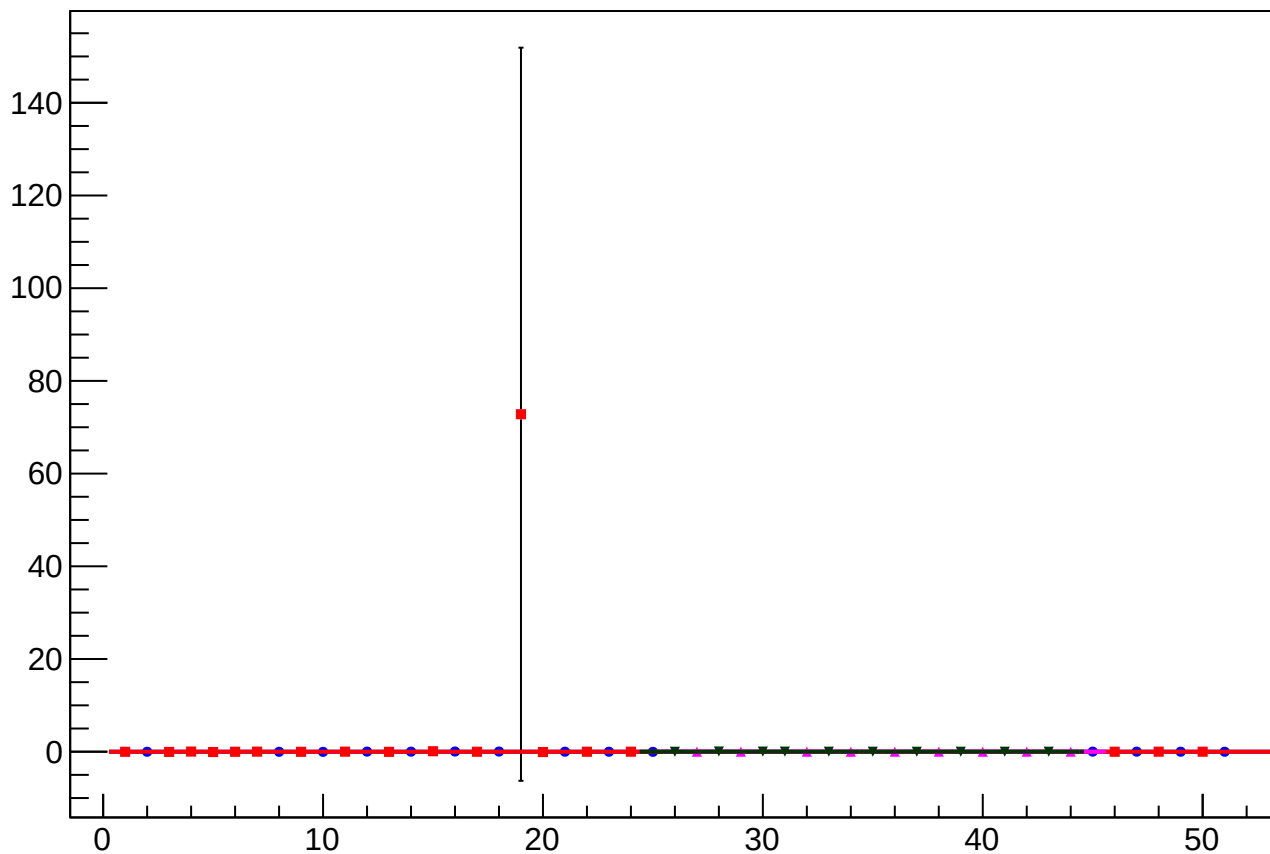
Left Out: 1757.817 ± 0.562 $\chi^2/\text{NDF}: 126542.7/9$

Right Out: 810.816 ± 0.230 $\chi^2/\text{NDF}: 4076546.2/17$

Left In: 1664.274 ± 0.519 $\chi^2/\text{NDF}: 526261.8/8$

996.012 ± 0.155 $\chi^2/\text{NDF}: 13578552.6/50$

diff_cav4dX_mean vs slug



Right In: -0.001 $\pm$ 0.004 χ^2 /NDF: 10.5/13

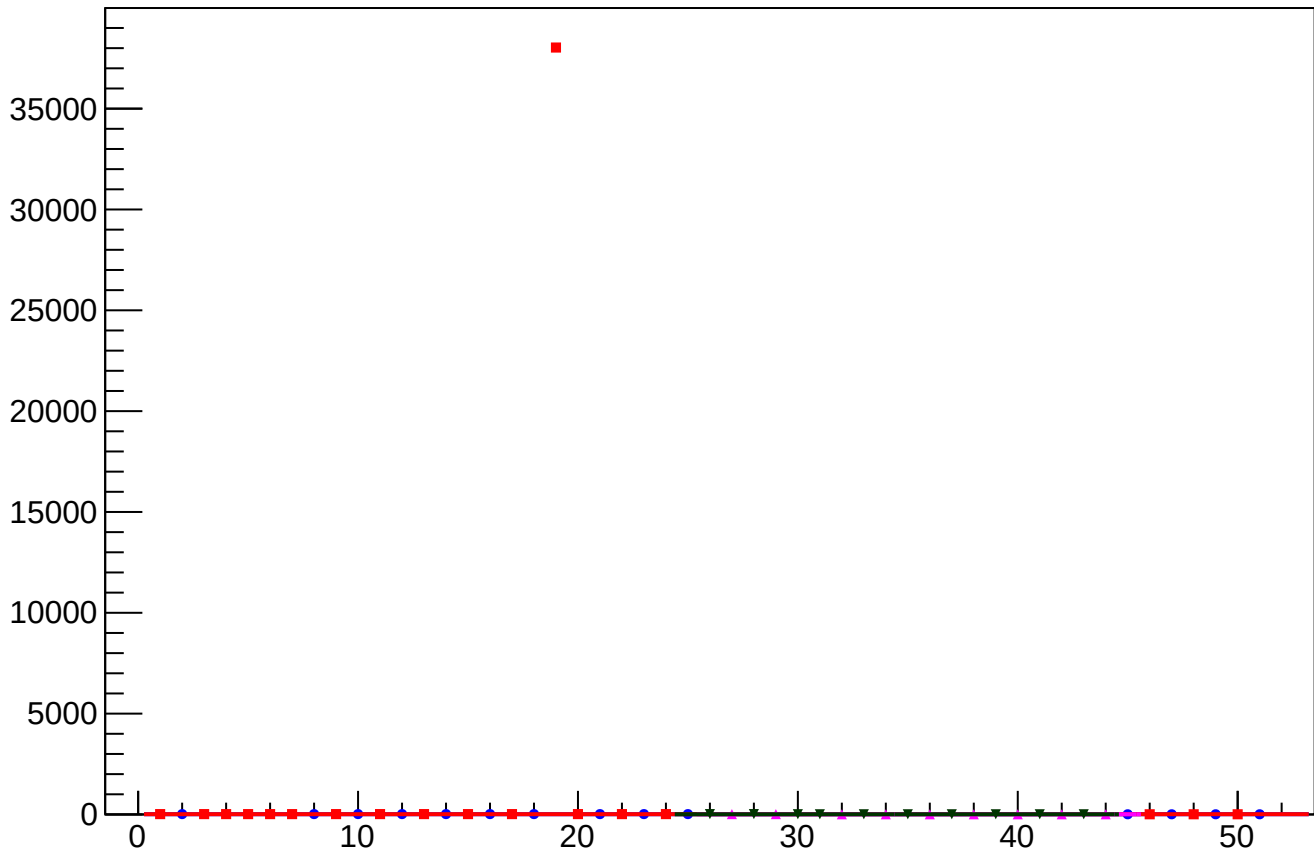
Left Out: 0.000 $\pm$ 0.004 χ^2 /NDF: 8.9/9

Right Out: -0.006 $\pm$ 0.005 χ^2 /NDF: 12.0/17

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

-0.000 $\pm$ 0.002 χ^2 /NDF: 34.4/50

diff_cav4dX_rms vs slug



Right In: 11.829+/-0.003 χ^2/NDF : 1750505.9/13

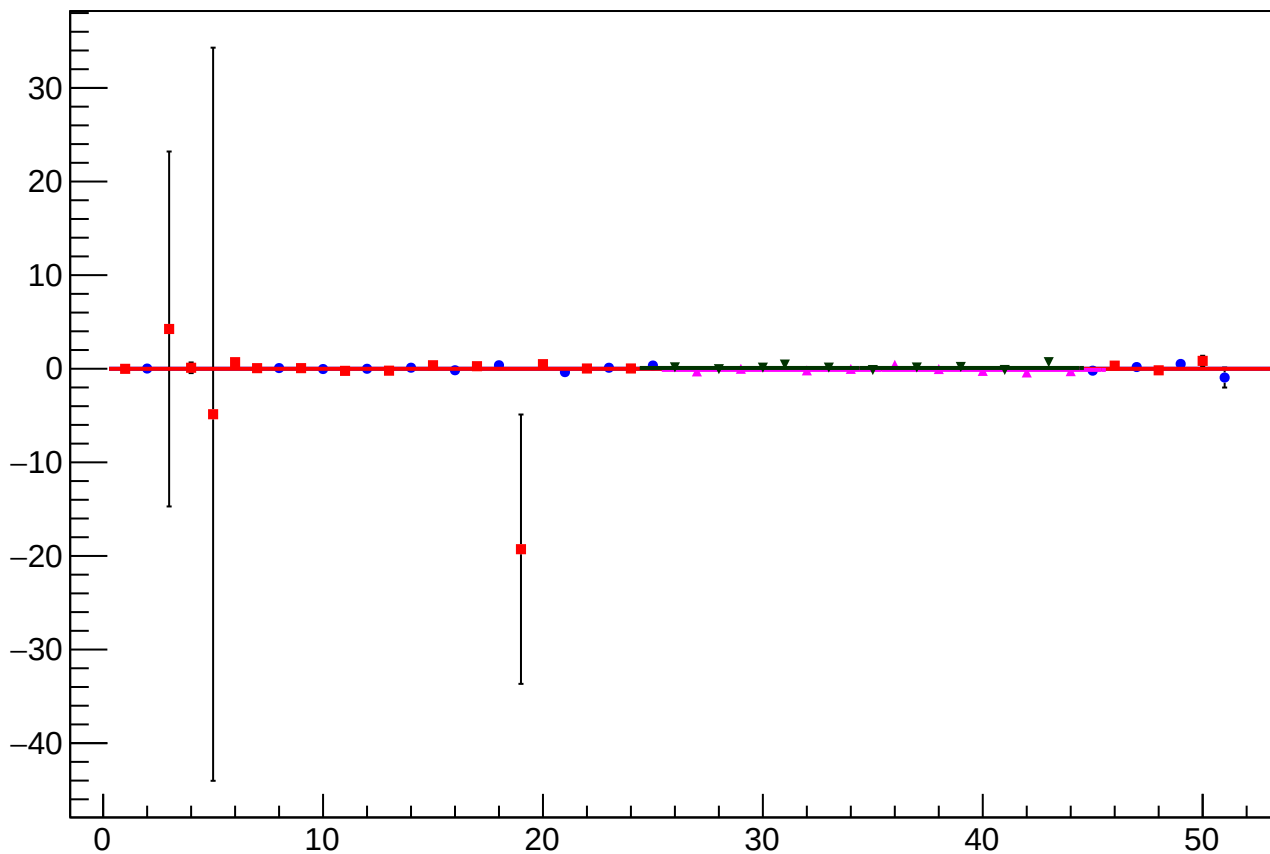
Left Out: 9.367+/-0.003 χ^2/NDF : 590012.0/9

Right Out: 13.066+/-0.004 χ^2/NDF : 1876906.6/17

Left In: 9.361+/-0.003 χ^2/NDF : 755354.4/8

10.666+/-0.002 χ^2/NDF : 5918267.6/50

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 20.0/13

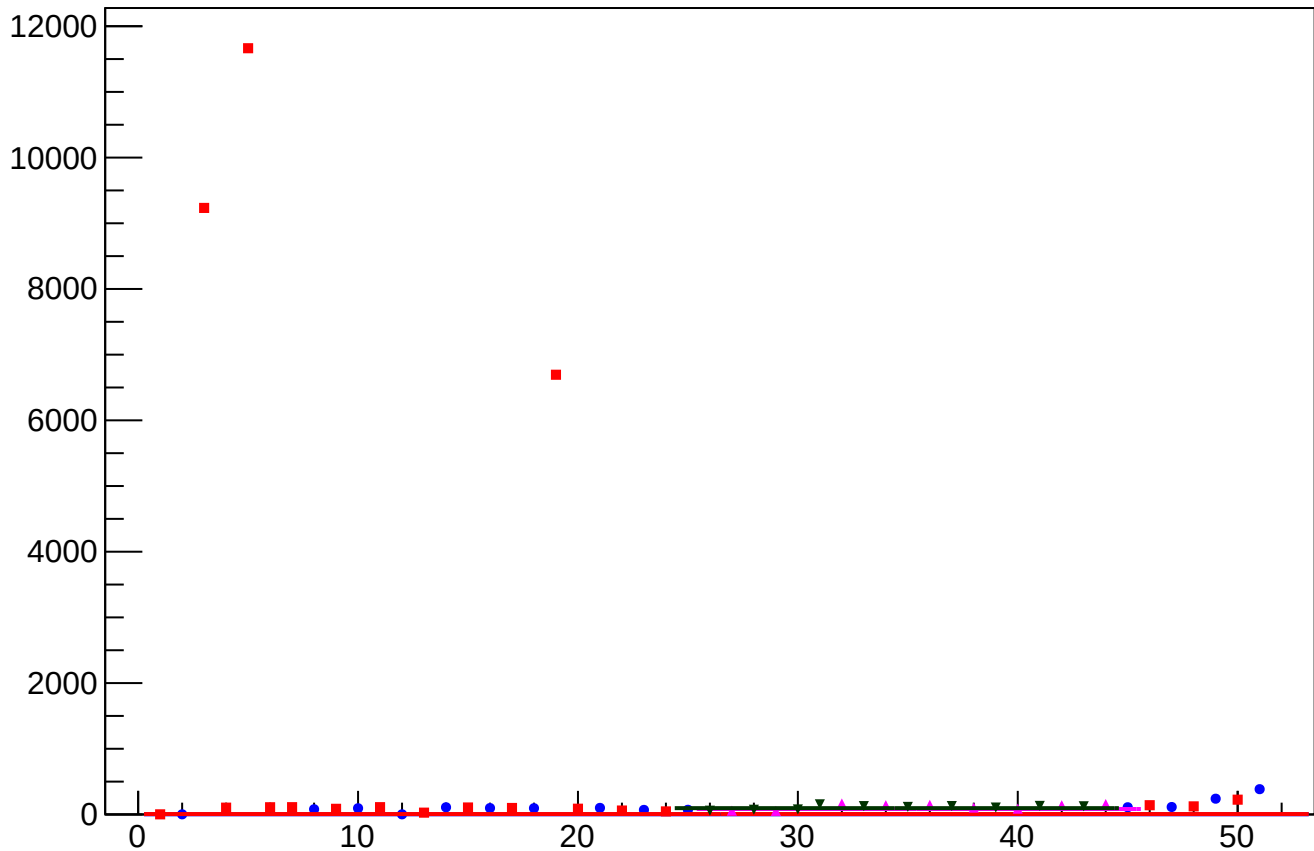
Left Out: 0.083 ± 0.059 χ^2/NDF : 11.4/9

Right Out: -0.008 ± 0.012 χ^2/NDF : 15.7/17

Left In: -0.126 ± 0.053 χ^2/NDF : 9.7/8

-0.002 ± 0.003 χ^2/NDF : 64.5/50

diff_cav4dY_rms vs slug



Right In: 2.172+/-0.002 χ^2/NDF : 7722785.5/13

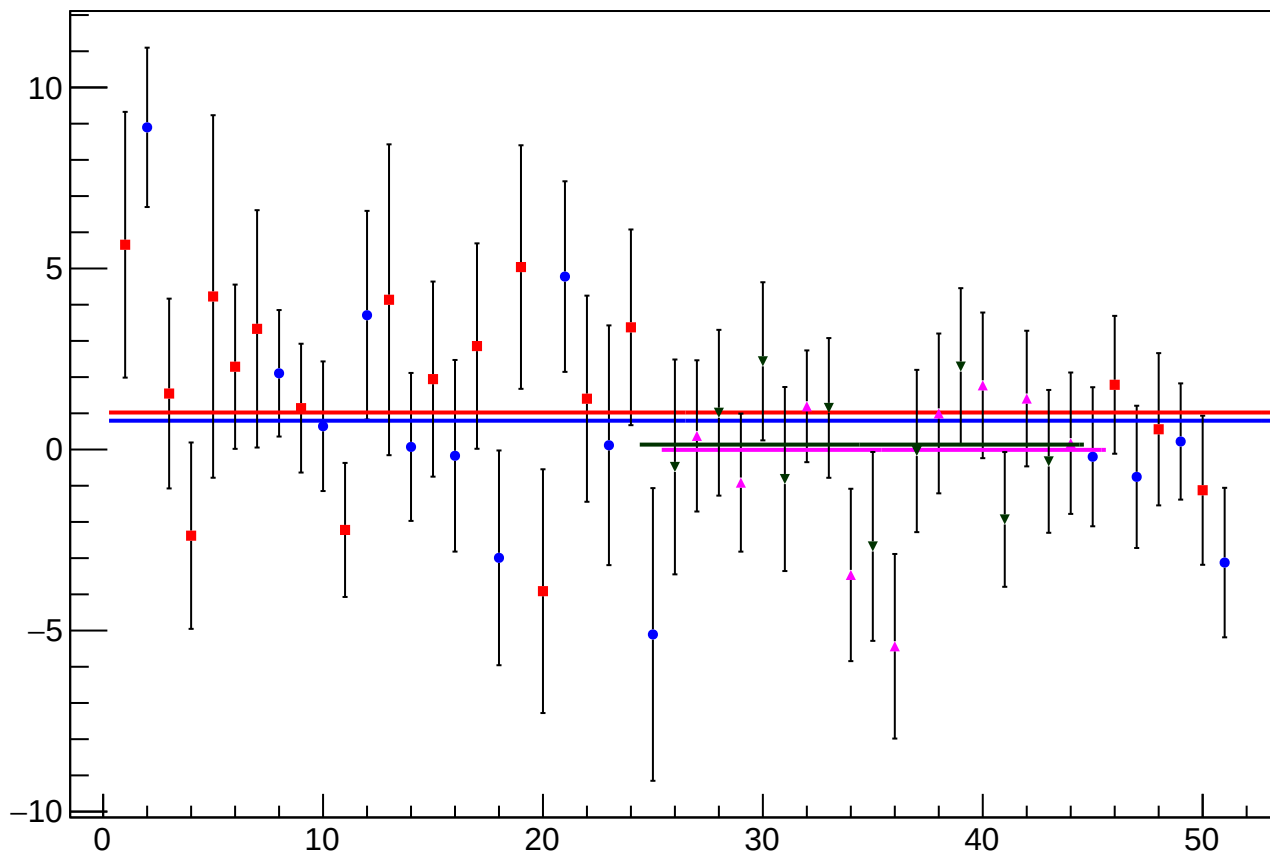
Left Out: 96.008+/-0.042 χ^2/NDF : 447968.4/9

2.872+/-0.002 χ^2/NDF : 24838780.1/50

Right Out: 6.104+/-0.009 χ^2/NDF : 5877302.0/17

Left In: 82.932+/-0.038 χ^2/NDF : 1078957.9/8

diff_bpm4aX_mean vs slug



Right In: 0.796 ± 0.586 χ^2/NDF : 26.1/13

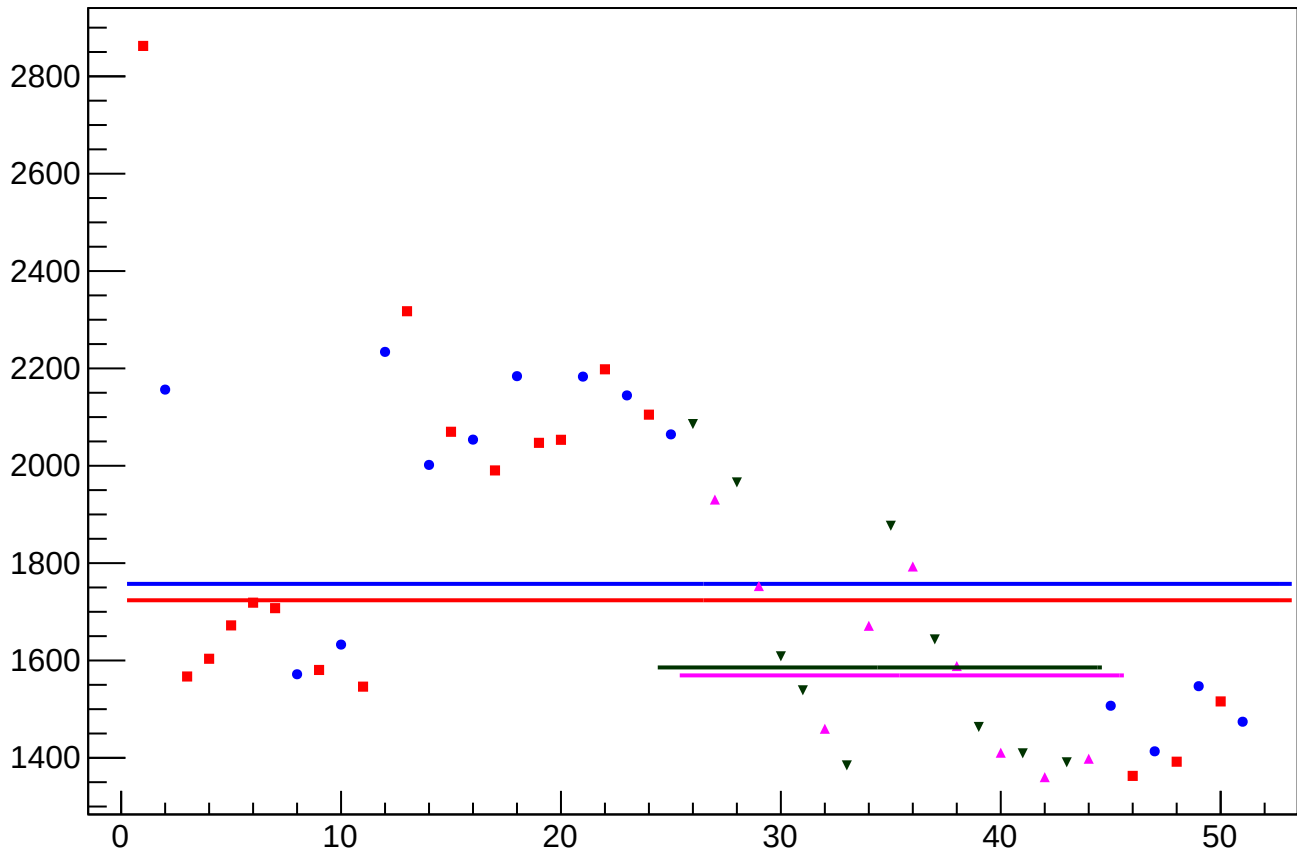
Left Out: 0.136 ± 0.700 χ^2/NDF : 5.2/9

Right Out: 1.023 ± 0.598 χ^2/NDF : 14.4/17

Left In: -0.010 ± 0.666 χ^2/NDF : 9.1/8

0.543 ± 0.316 χ^2/NDF : 56.6/50

diff_bpm4aX_rms vs slug



Right In: 1757.386+/-0.414 χ^2/NDF : 506305.2/13

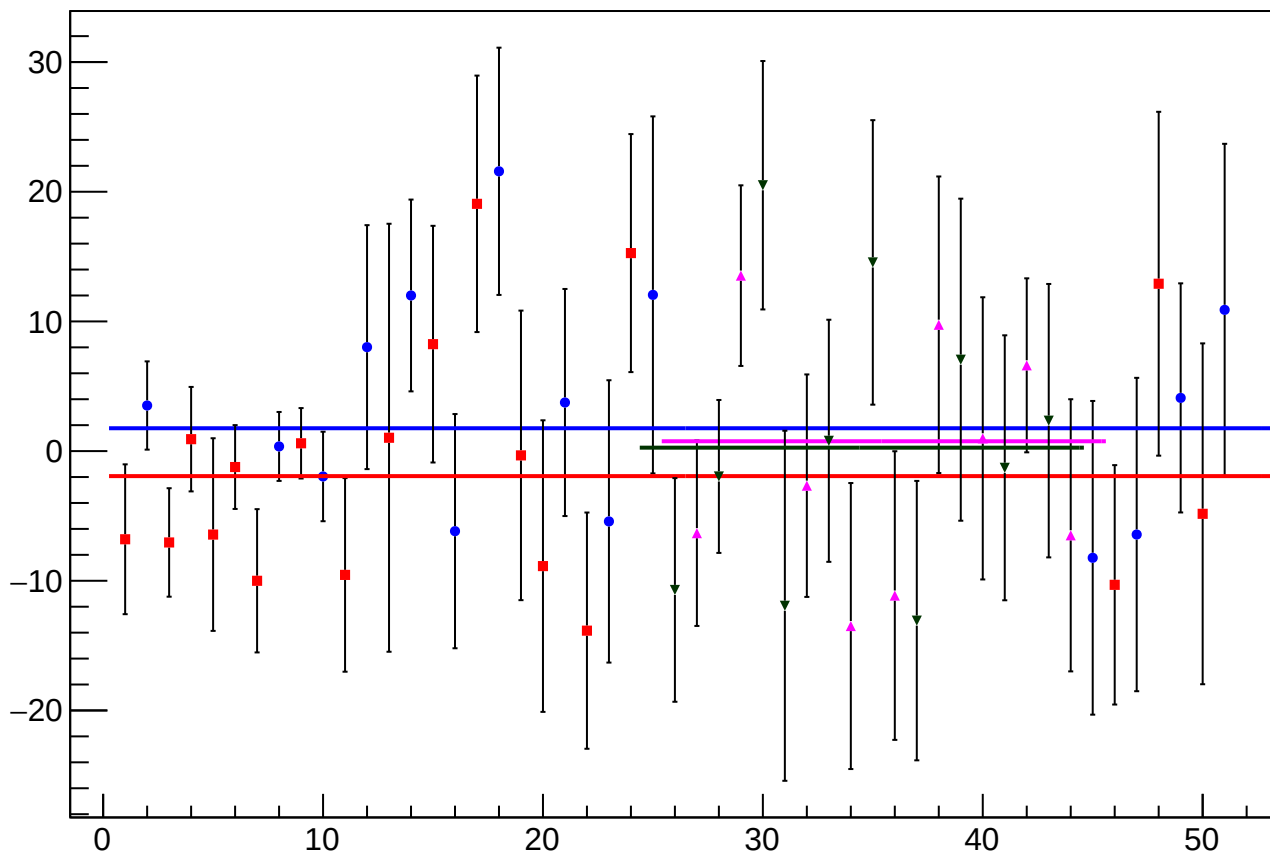
Left Out: 1585.705+/-0.495 χ^2/NDF : 204665.3/9

1670.568+/-0.224 χ^2/NDF : 1606293.9/50

Right Out: 1723.709+/-0.423 χ^2/NDF : 599594.2/17

Left In: 1569.368+/-0.471 χ^2/NDF : 160431.6/8

diff_bpm4aY_mean vs slug



Right In: 1.763 ± 1.536 χ^2/NDF : 11.9/13

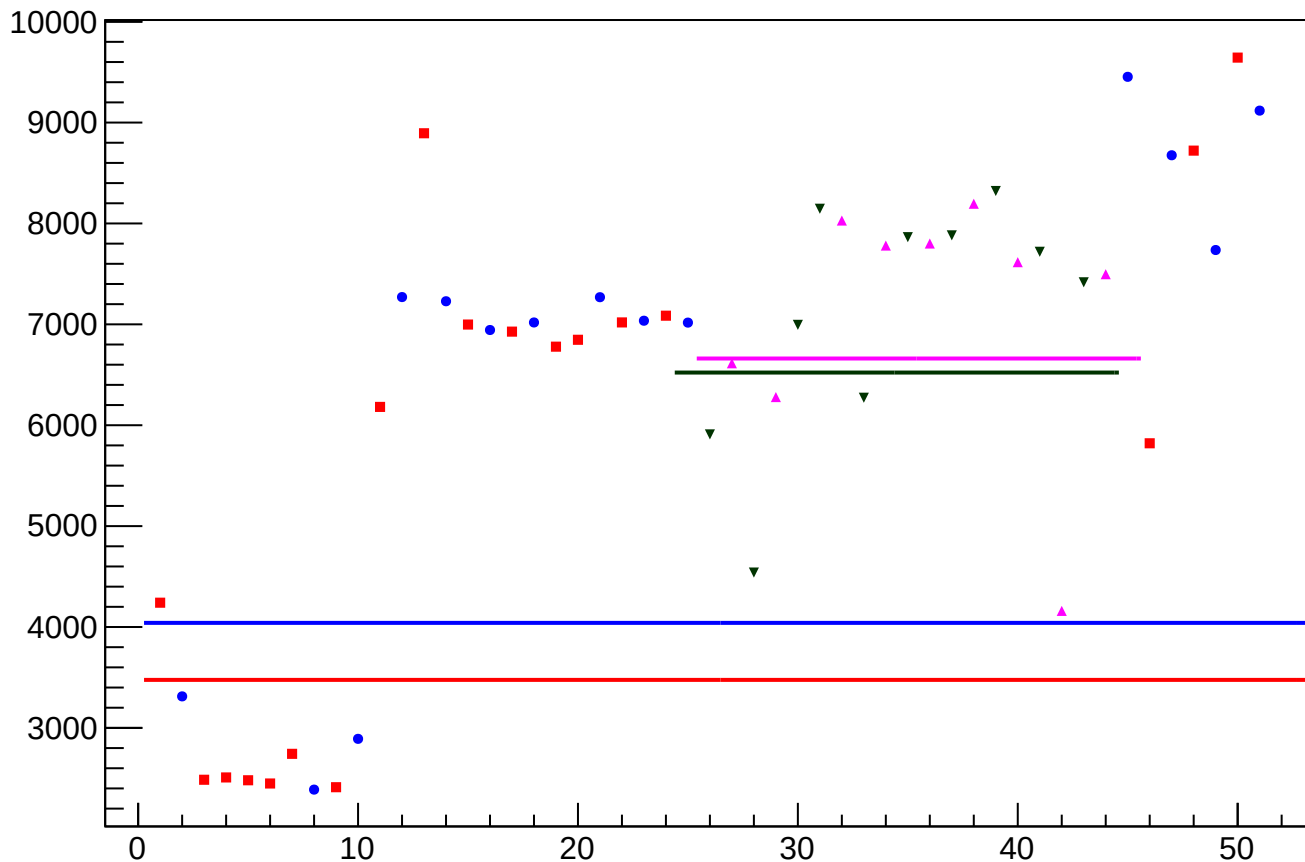
Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

Right Out: -1.929 ± 1.363 χ^2/NDF : 20.7/17

Left In: 0.758 ± 2.918 χ^2/NDF : 9.2/8

-0.144 ± 0.916 χ^2/NDF : 55.8/50

diff_bpm4aY_rms vs slug



Right In: 4040.995+/-1.086 χ^2/NDF : 3971689.5/13

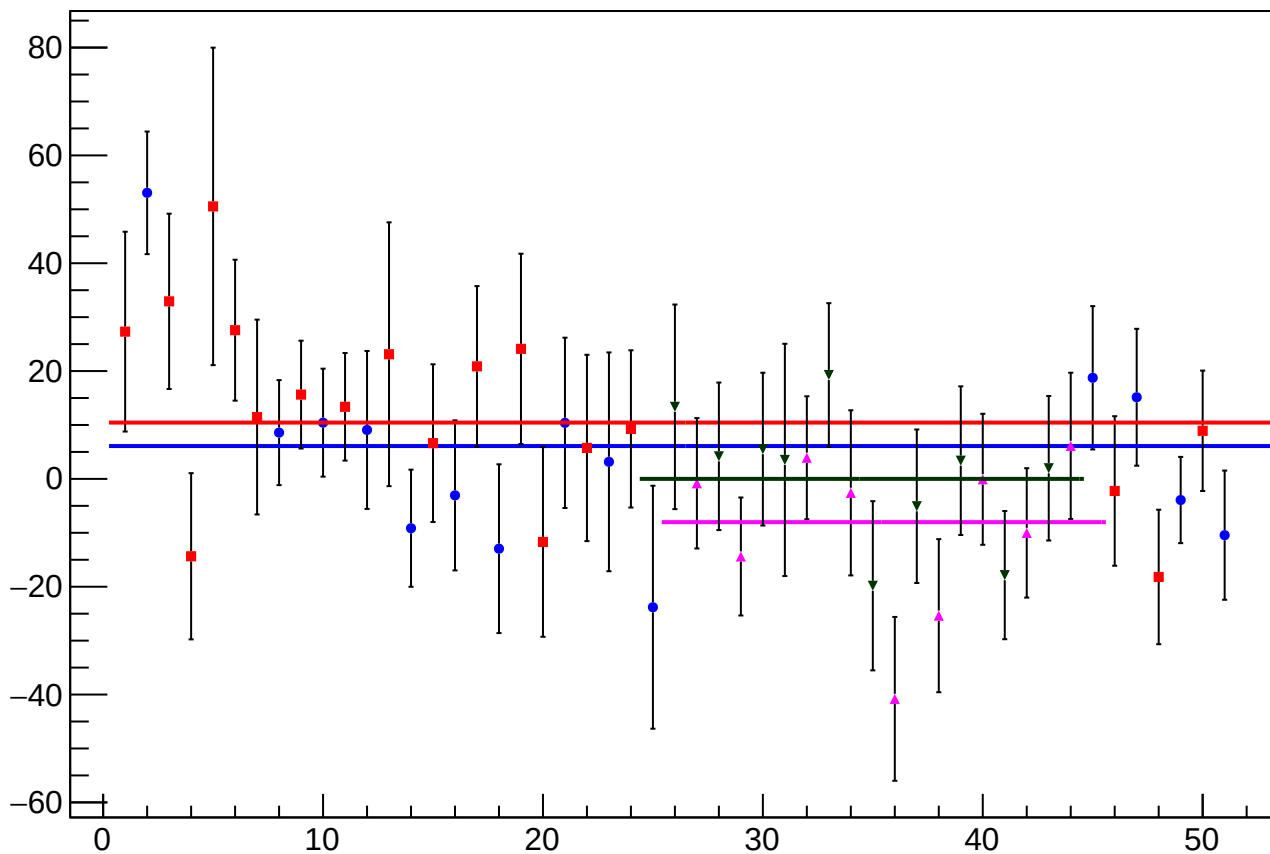
Left Out: 6522.149+/-2.112 χ^2/NDF :417038.9/9

4277.480+/-0.648 χ^2/NDF : 11743856.0/50

Right Out: 3475.837+/-0.964 χ^2/NDF : 3711851.0/17

Left In: 6661.294+/-2.063 χ^2/NDF :440653.4/8

diff_bpm4eX_mean vs slug



Right In: 6.093 ± 3.270 $\chi^2/\text{NDF}: 28.0/13$

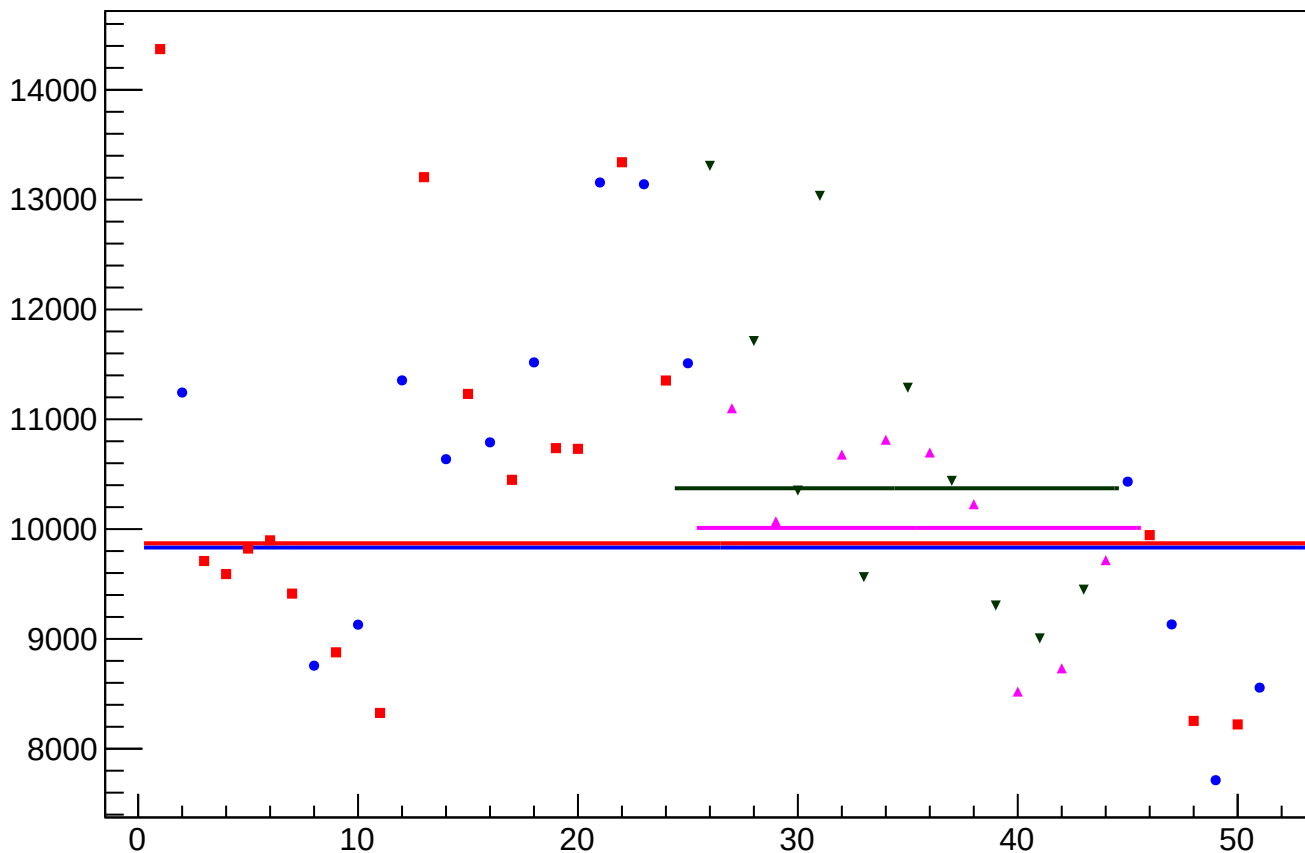
Left Out: 0.003 ± 4.574 $\chi^2/\text{NDF}: 6.9/9$

3.614 ± 1.880 $\chi^2/\text{NDF}: 75.7/50$

Right Out: 10.445 ± 3.410 $\chi^2/\text{NDF}: 18.5/17$

Left In: -8.023 ± 4.241 $\chi^2/\text{NDF}: 9.6/8$

diff_bpm4eX_rms vs slug



Right In: 9832.421+/-2.312 χ^2/NDF : 456312.4/13

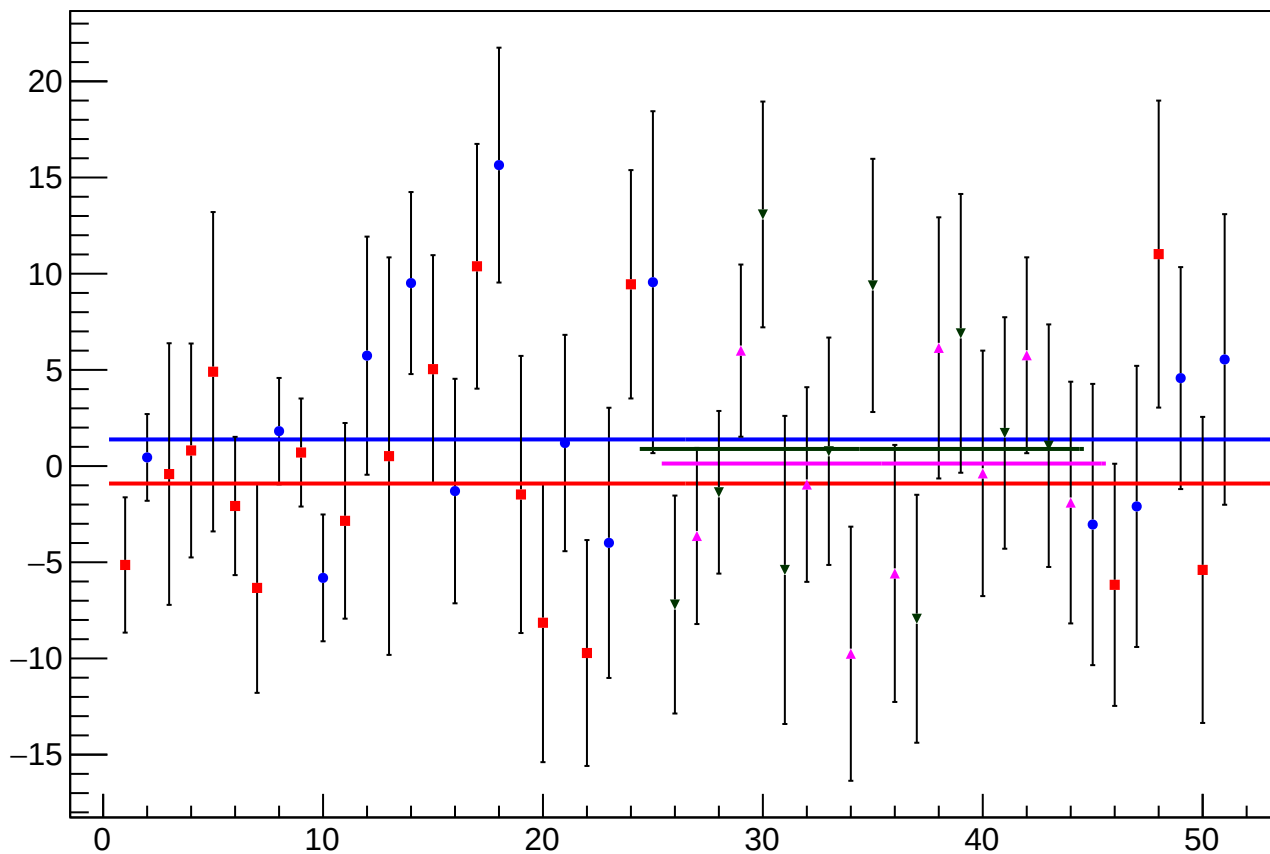
Left Out: 10371.917+/-3.234 χ^2/NDF : 159833.9/9

Right Out: 9871.077+/-2.411 χ^2/NDF : 433504.0/17

Left In: 10010.878+/-2.999 χ^2/NDF : 86966.5/8

9970.380+/-1.329 χ^2/NDF : 1157468.2/50

diff_bpm4eY_mean vs slug



Right In: 1.385 $\pm$ 1.199 χ^2 /NDF: 16.7/13

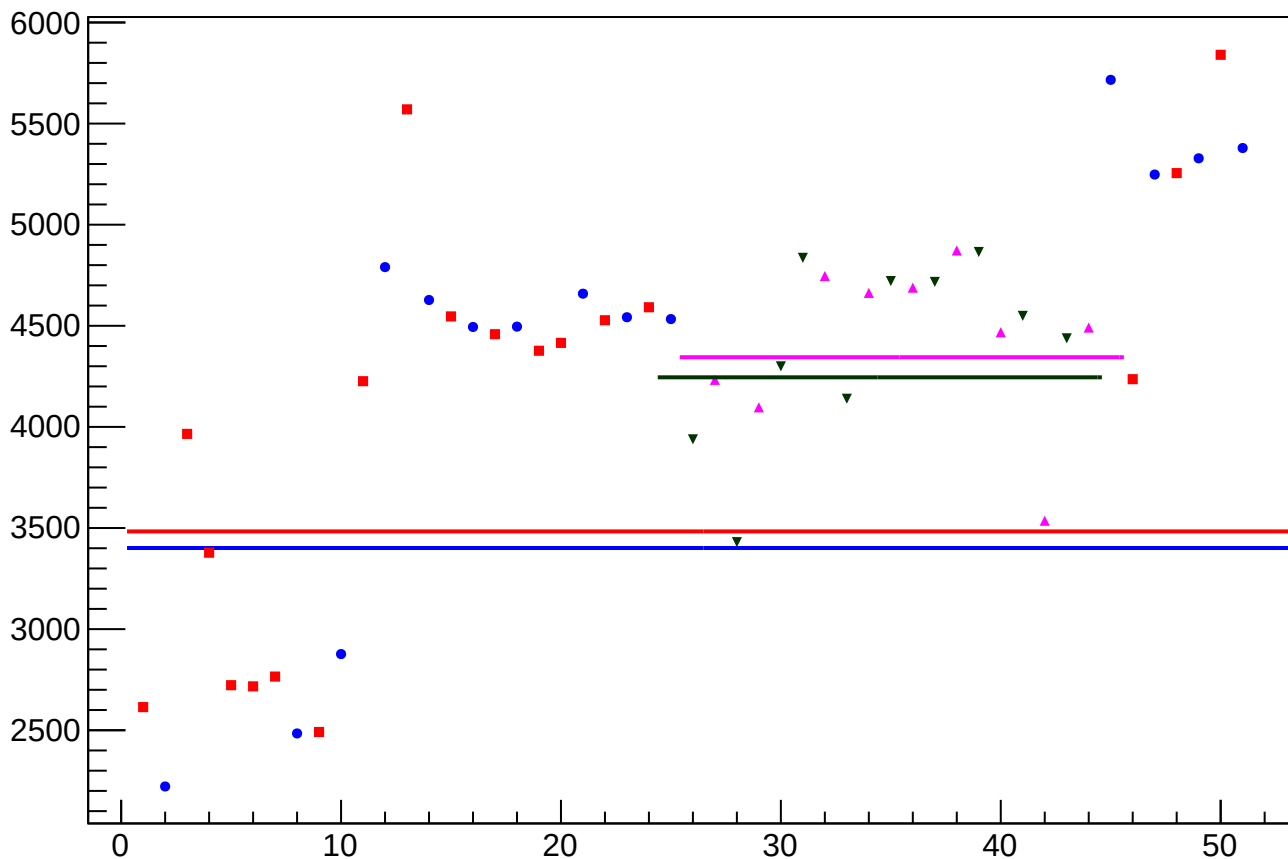
Left Out: 0.889 $\pm$ 1.892 χ^2 /NDF:11.5/9

Right Out: -0.908 $\pm$ 1.249 χ^2 /NDF: 17.3/17

Left In: 0.131 $\pm$ 1.850 χ^2 /NDF:7.5/8

0.350 $\pm$ 0.724 χ^2 /NDF: 54.9/50

diff_bpm4eY_rms vs slug



Right In: 3401.169+/-0.847 χ^2/NDF : 2061515.9/13

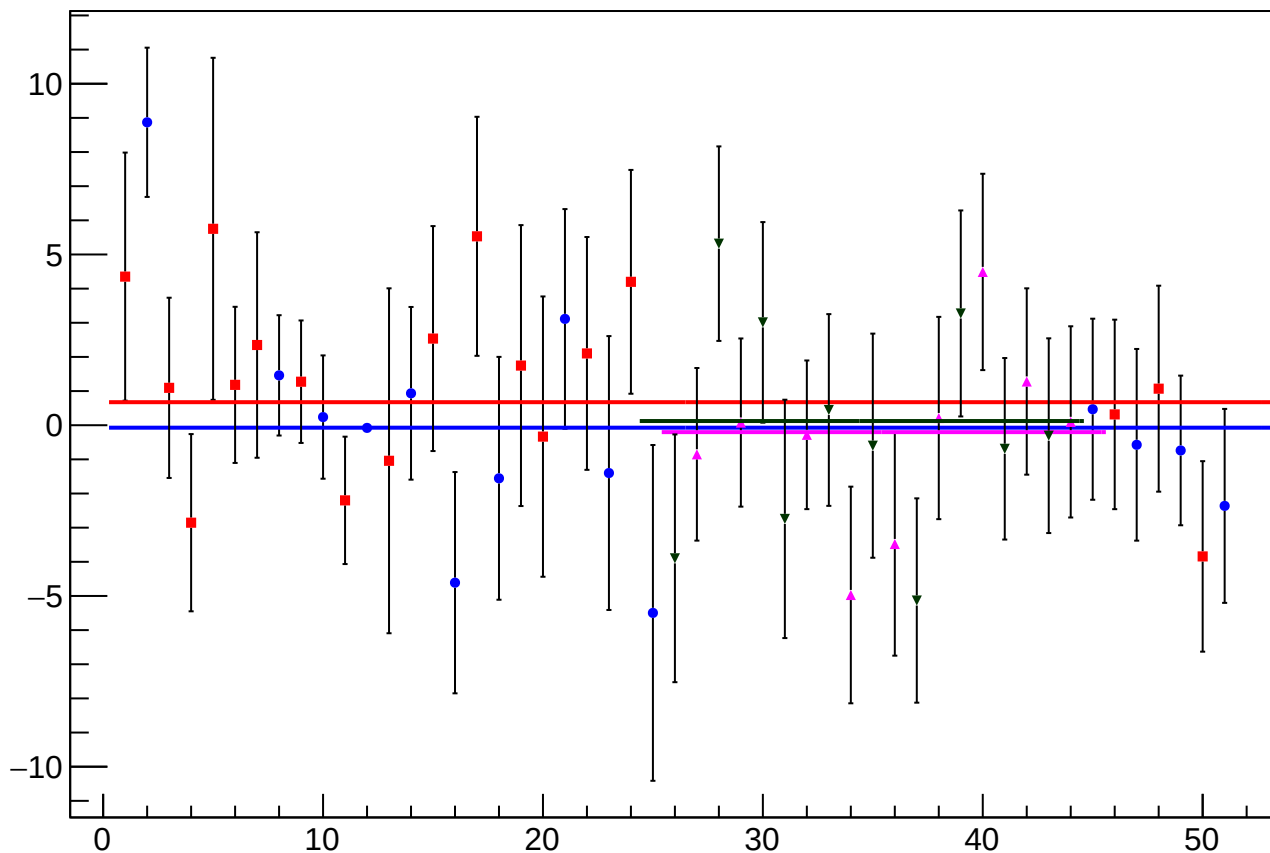
Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

3696.691+/-0.512 χ^2/NDF : 4143950.1/50

Right Out: 3483.175+/-0.883 χ^2/NDF : 1259995.9/17

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

diff_bpm4acX_mean vs slug



Right In: -0.072 ± 0.060 χ^2/NDF : 23.0/13

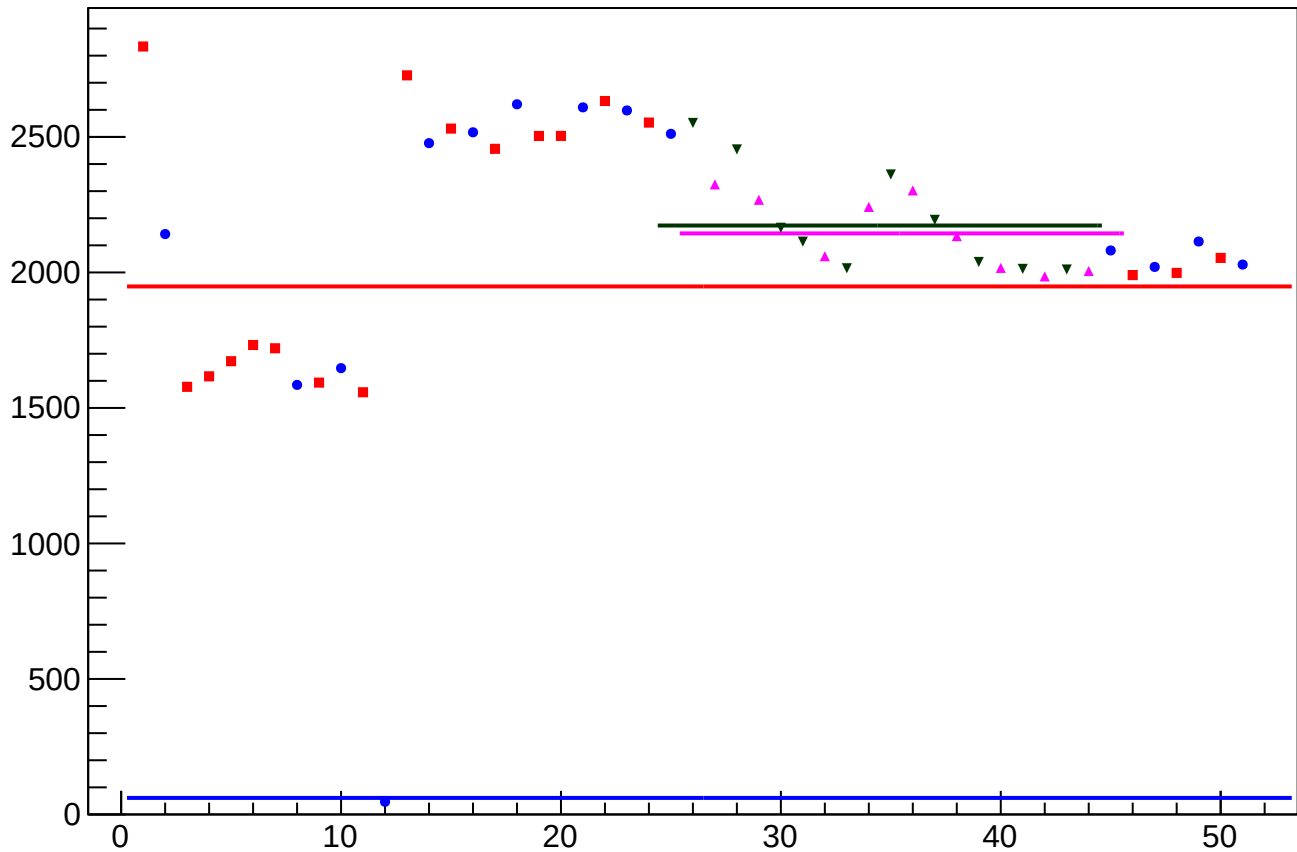
Left Out: 0.122 ± 0.952 χ^2/NDF : 10.6/9

Right Out: 0.675 ± 0.679 χ^2/NDF : 13.2/17

Left In: -0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.066 ± 0.060 χ^2/NDF : 54.3/50

diff_bpm4acX_rms vs slug



Right In: 61.044+/-0.042 χ^2 /NDF: 16381205.4/13

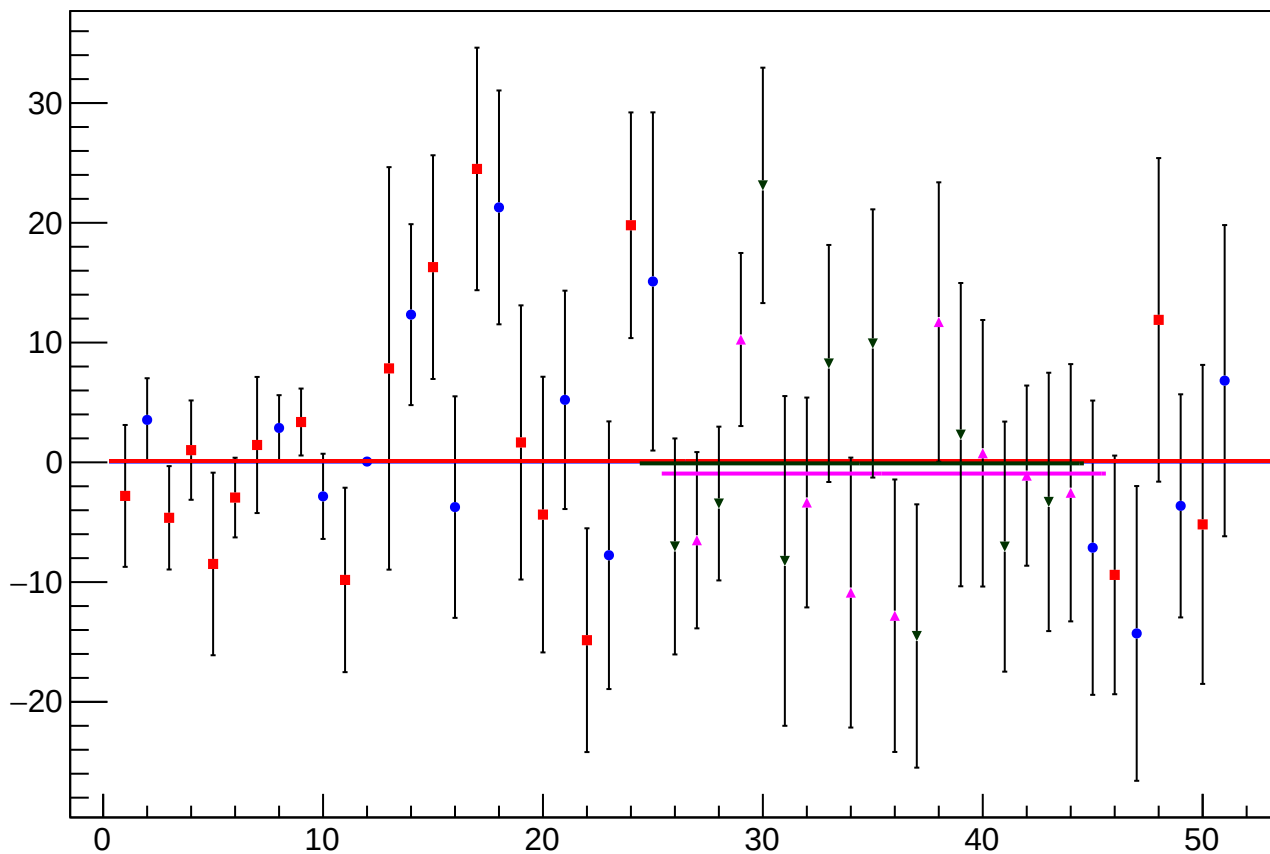
Left Out: 2173.150+/-0.673 χ^2 /NDF: 72524.5/9

92.923+/-0.042 χ^2 /NDF: 52586691.2/50

Right Out: 1948.314+/-0.480 χ^2 /NDF: 768149.6/17

Left In: 2144.060+/-0.640 χ^2 /NDF: 40535.6/8

diff_bpm4acY_mean vs slug



Right In: 0.066 ± 0.052 χ^2/NDF : 14.3/13

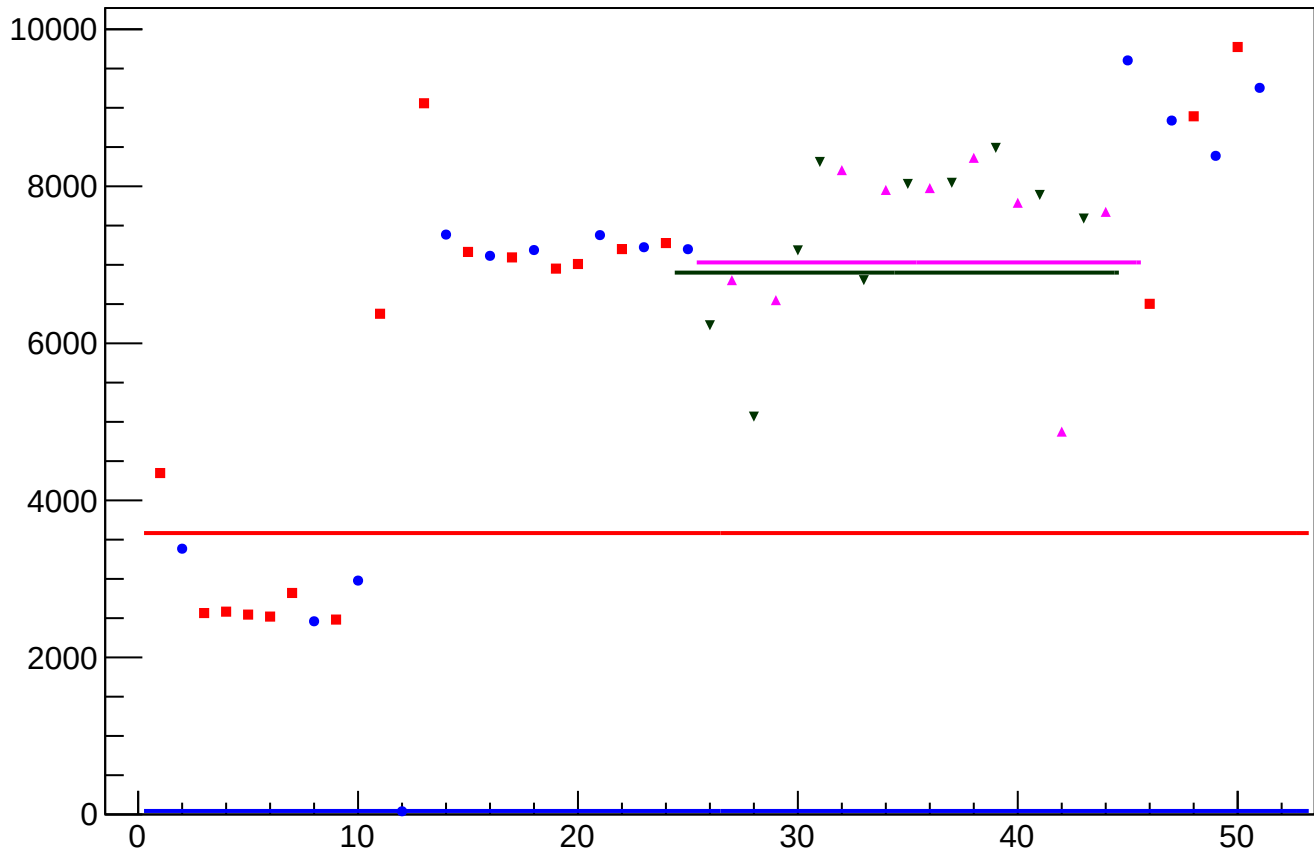
Left Out: -0.087 ± 3.121 χ^2/NDF : 10.6/9

Right Out: 0.111 ± 1.404 χ^2/NDF : 24.6/17

Left In: -0.938 ± 3.043 χ^2/NDF : 6.1/8

0.066 ± 0.052 χ^2/NDF : 55.8/50

diff_bpm4acY_rms vs slug



Right In: 44.613+/-0.037 χ^2/NDF : 16377100.7/13

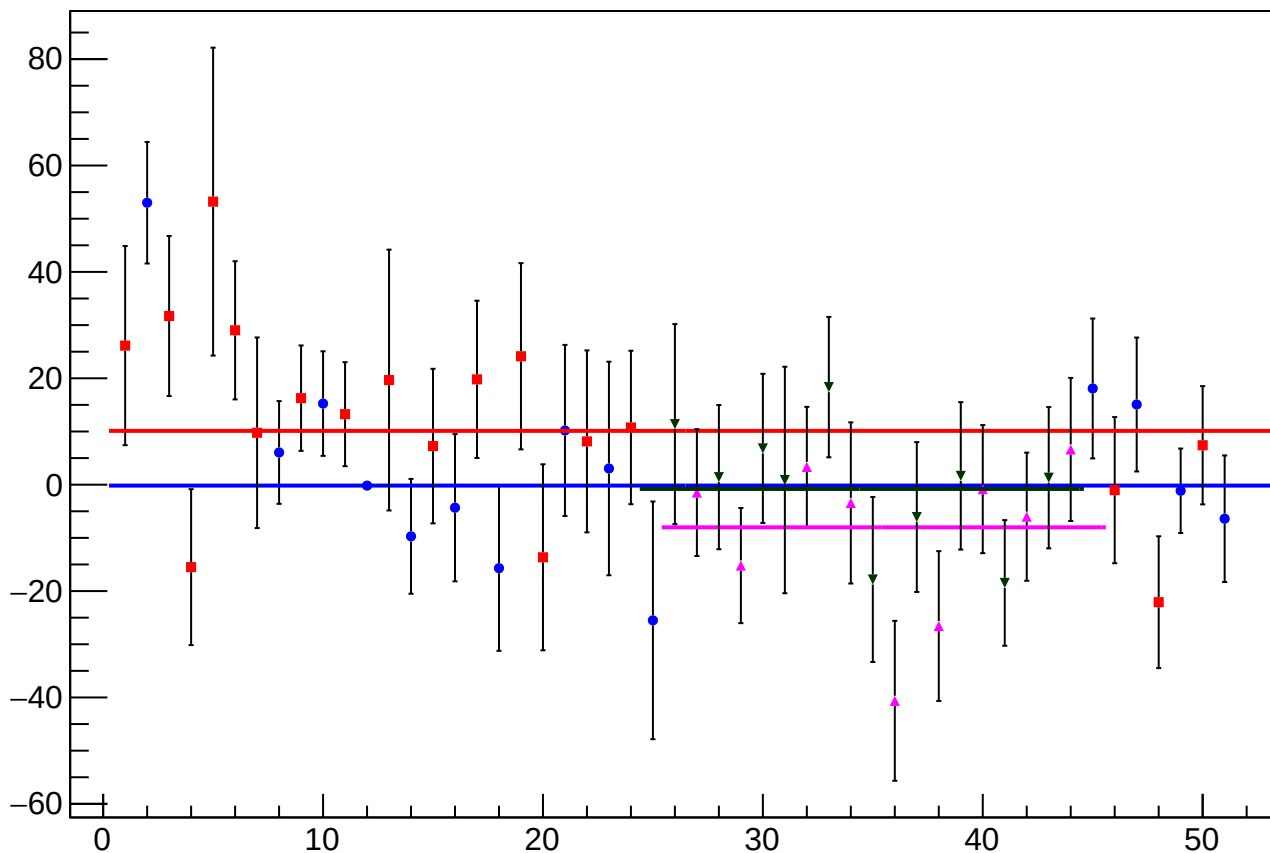
Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

53.429+/-0.037 χ^2/NDF : 53536726.4/50

Right Out: 3583.690+/-0.992 χ^2/NDF : 3729652.8/17

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: -0.170 ± 0.106 χ^2/NDF : 31.8/13

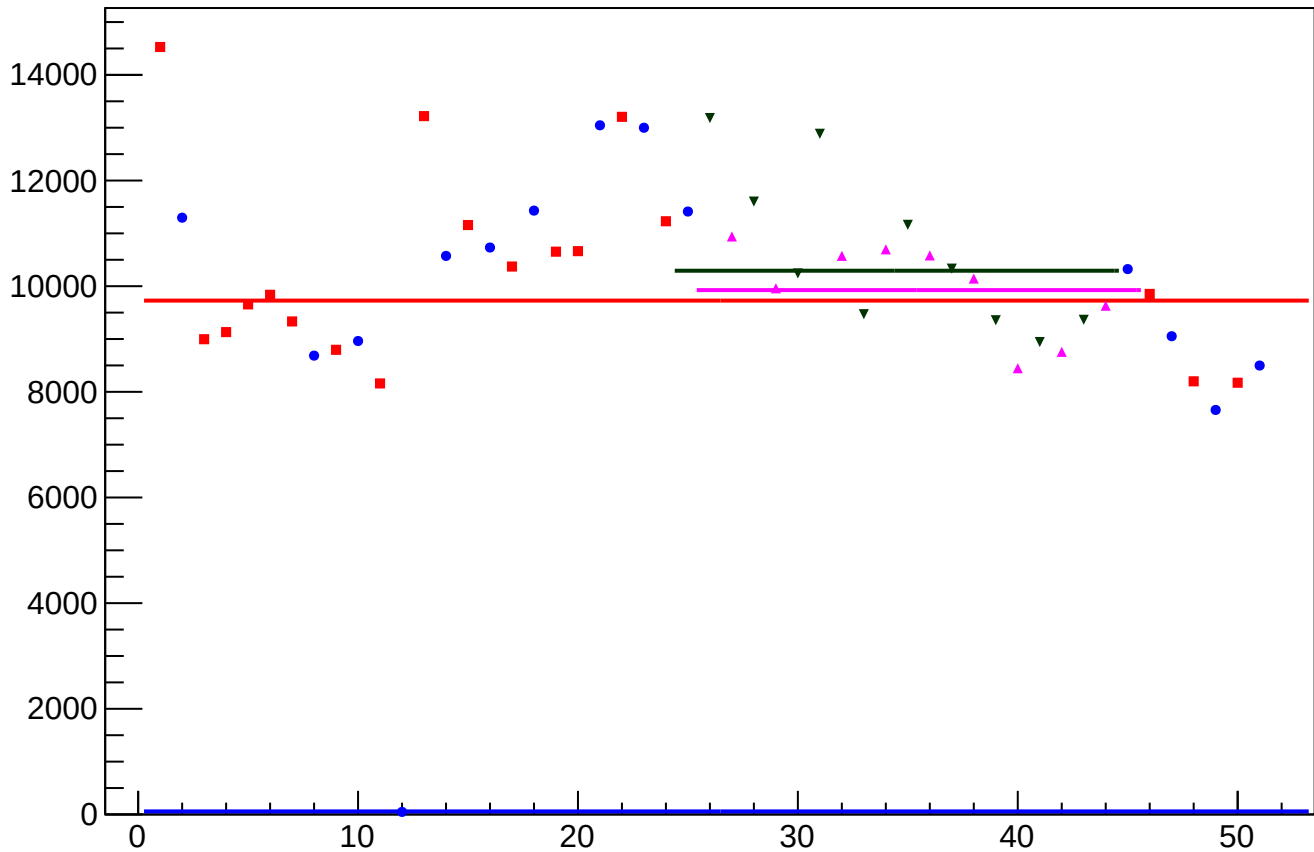
Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

Right Out: 10.116 ± 3.362 χ^2/NDF : 21.3/17

Left In: -8.016 ± 4.204 χ^2/NDF : 9.9/8

-0.165 ± 0.106 χ^2/NDF : 82.3/50

diff_bpm4ecX_rms vs slug



Right In: 57.848+/-0.075 χ^2 /NDF: 17080799.9/13

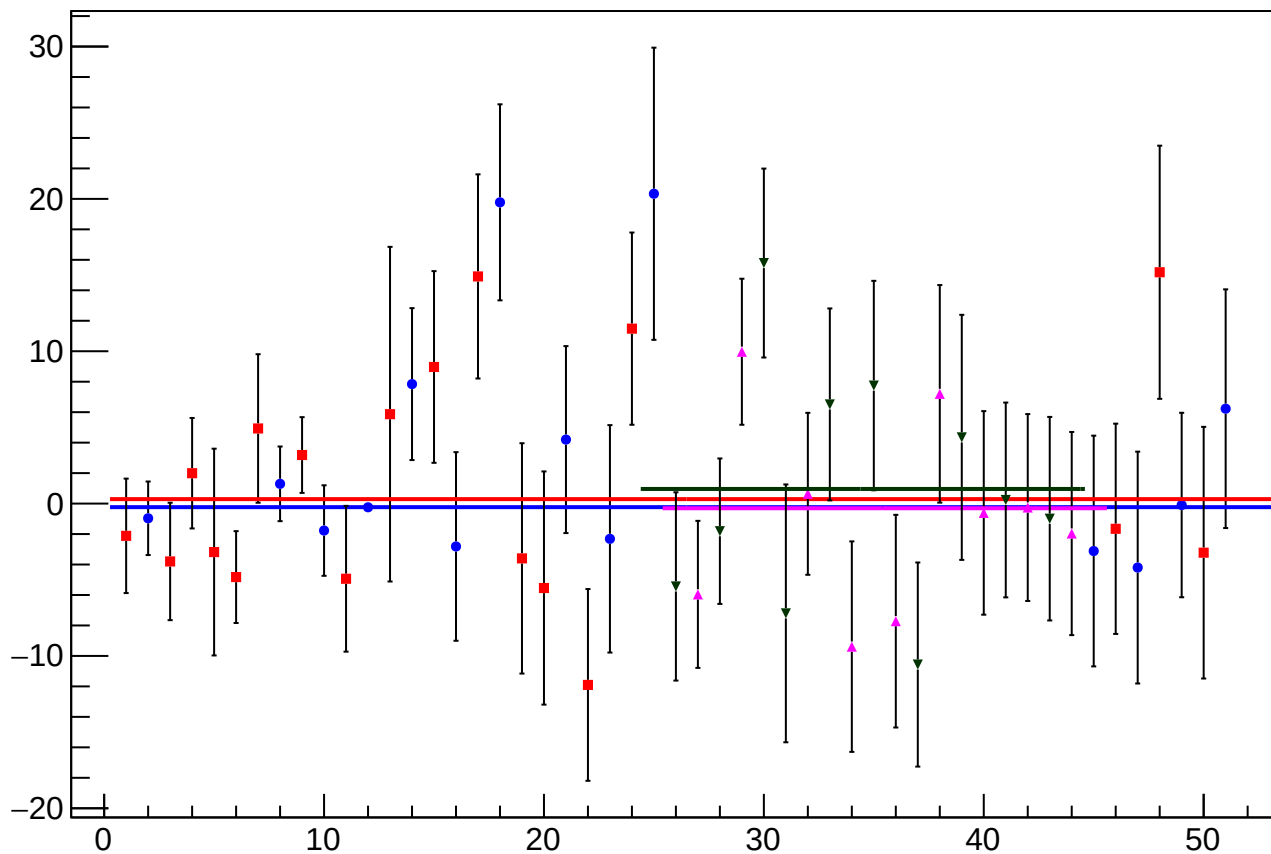
Left Out: 10292.914+/-3.209 χ^2 /NDF:154725.3/9

Right Out: 9727.248+/-2.377 χ^2 /NDF: 459025.3/17

Left In: 9926.082+/-2.973 χ^2 /NDF:80597.6/8

79.471+/-0.075 χ^2 /NDF: 55425976.3/50

diff_bpm4ecY_mean vs slug



Right In: -0.235 ± 0.090 χ^2/NDF : 19.5/13

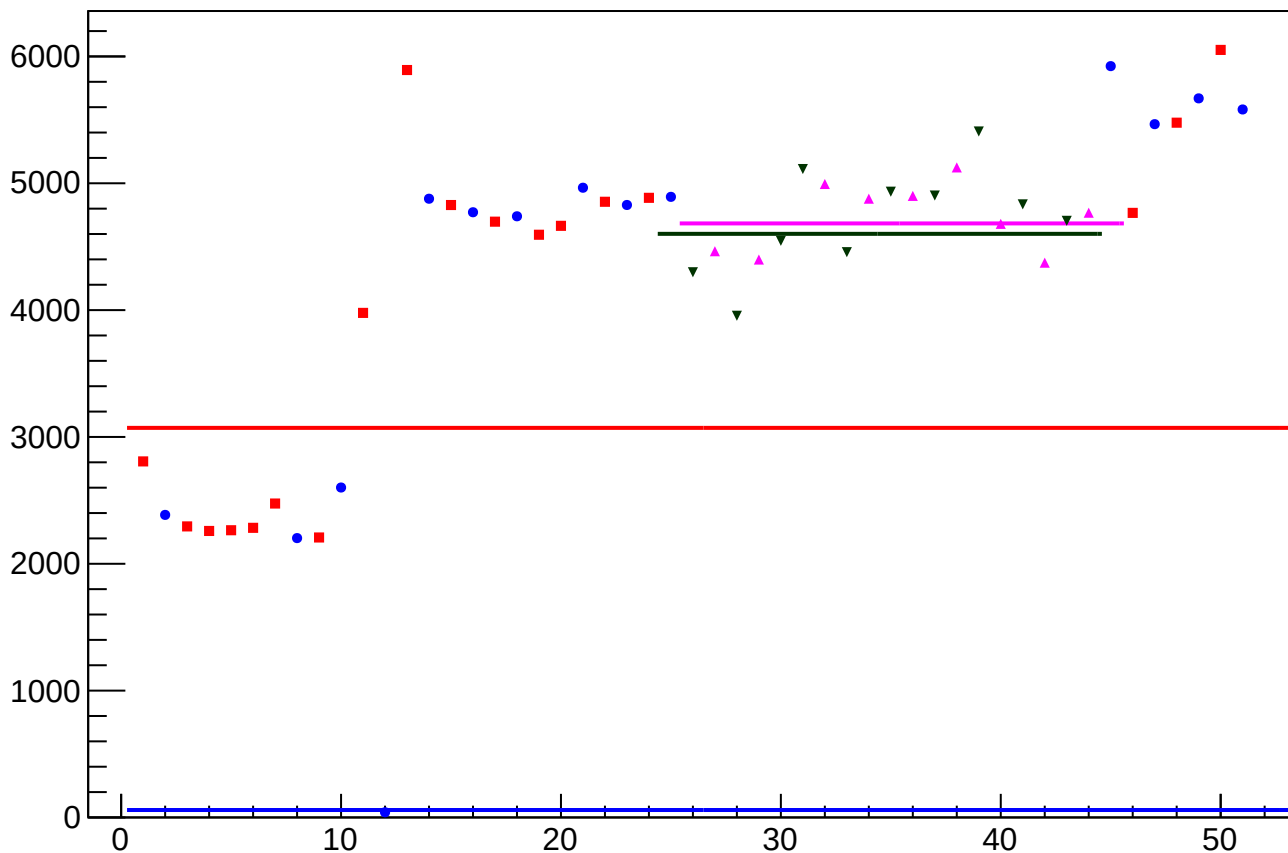
Left Out: 0.960 ± 2.037 χ^2/NDF : 13.0/9

Right Out: 0.293 ± 1.129 χ^2/NDF : 26.5/17

Left In: -0.307 ± 1.982 χ^2/NDF : 10.0/8

-0.229 ± 0.089 χ^2/NDF : 69.7/50

diff_bpm4ecY_rms vs slug



Right In: 58.690+/-0.064 χ^2 /NDF: 16546191.7/13

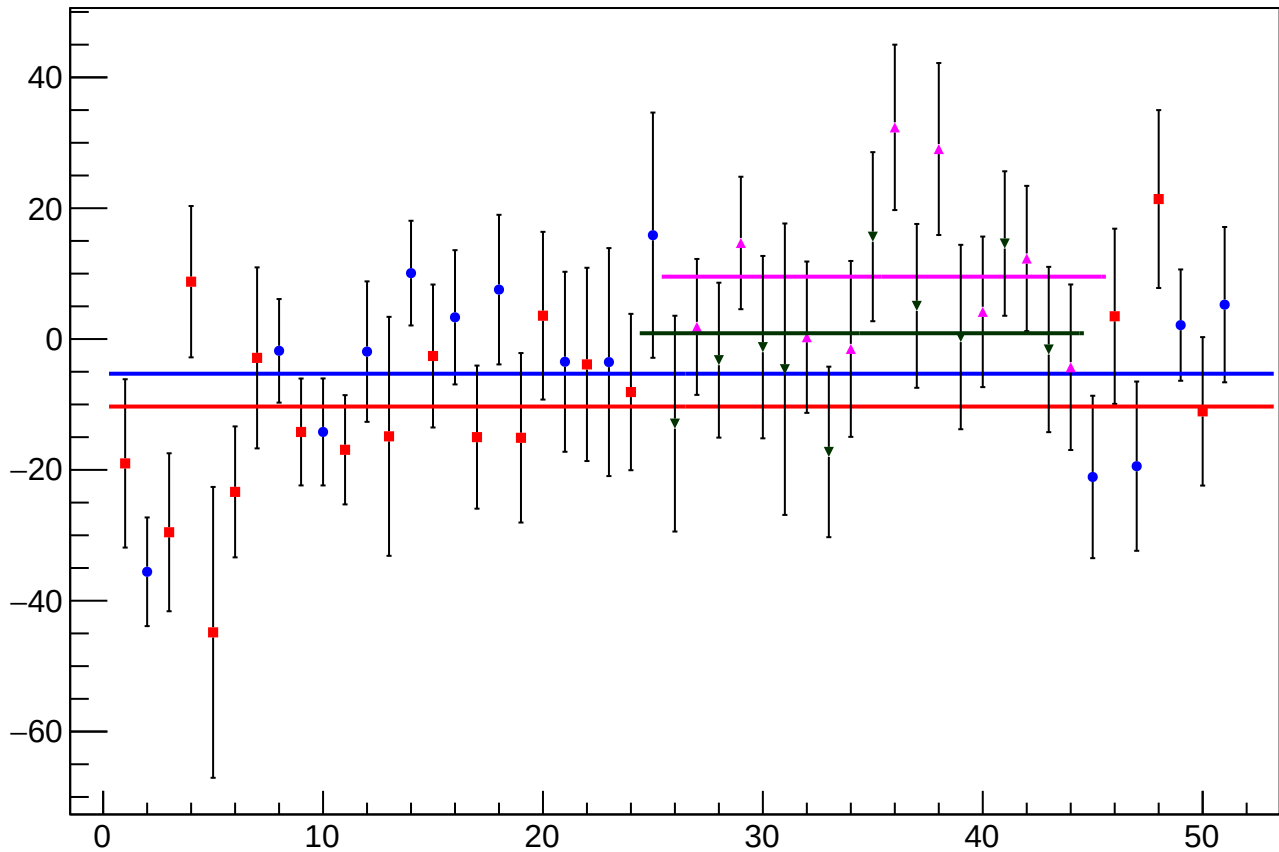
Left Out: 4601.382+/-1.440 χ^2 /NDF:81907.0/9

Right Out: 3071.593+/-0.798 χ^2 /NDF: 2148173.3/17

Left In: 4683.549+/-1.402 χ^2 /NDF:34623.2/8

95.788+/-0.063 χ^2 /NDF: 53542879.1/50

diff_bpm1X_mean vs slug



Right In: -5.300 ± 2.756 $\chi^2/\text{NDF}: 26.1/13$

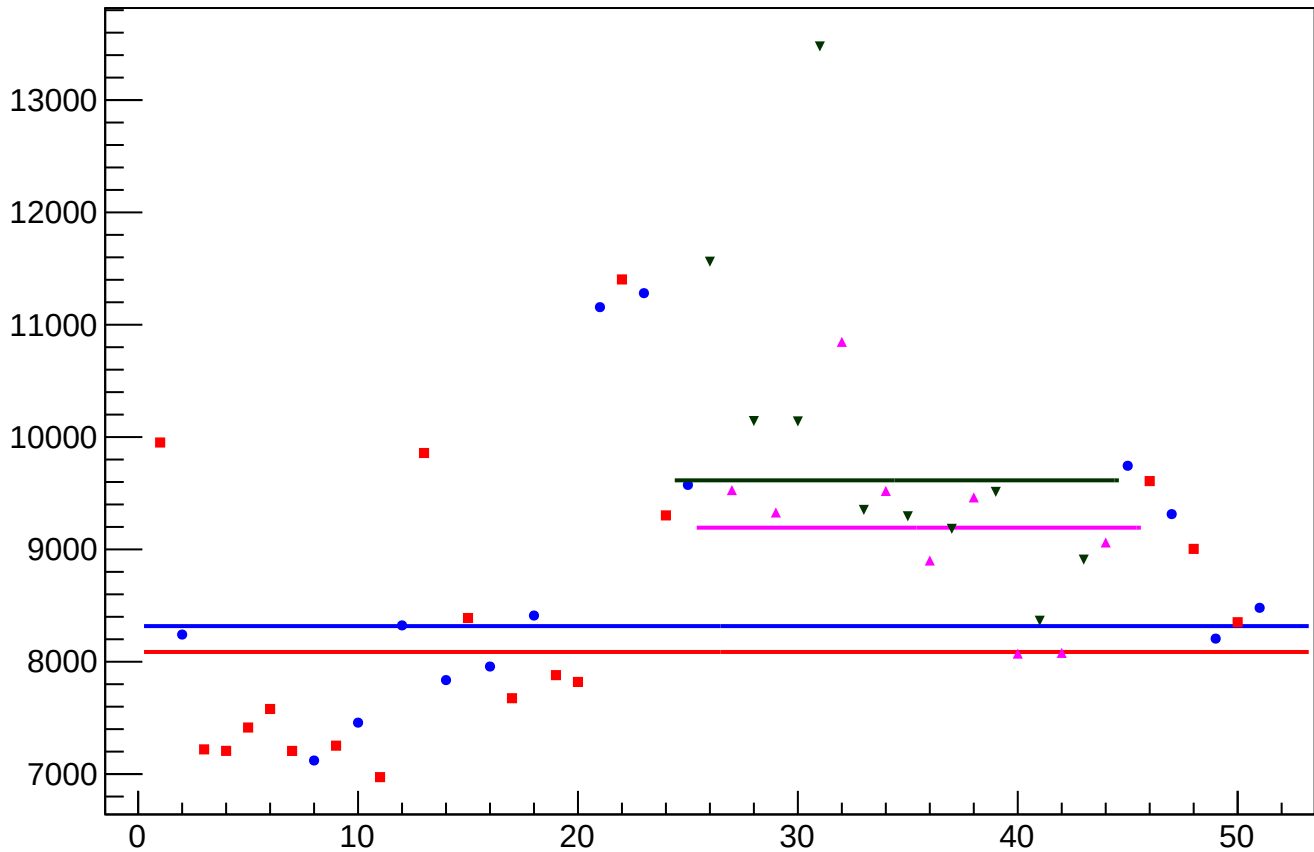
Left Out: 0.888 ± 4.236 $\chi^2/\text{NDF}: 5.8/9$

Right Out: -10.318 ± 2.784 $\chi^2/\text{NDF}: 19.7/17$

Left In: 9.535 ± 3.893 $\chi^2/\text{NDF}: 9.1/8$

-3.532 ± 1.617 $\chi^2/\text{NDF}: 79.5/50$

diff_bpm1X_rms vs slug



Right In: 8317.257 $\pm$ 1.949 χ^2 /NDF: 268805.7/13

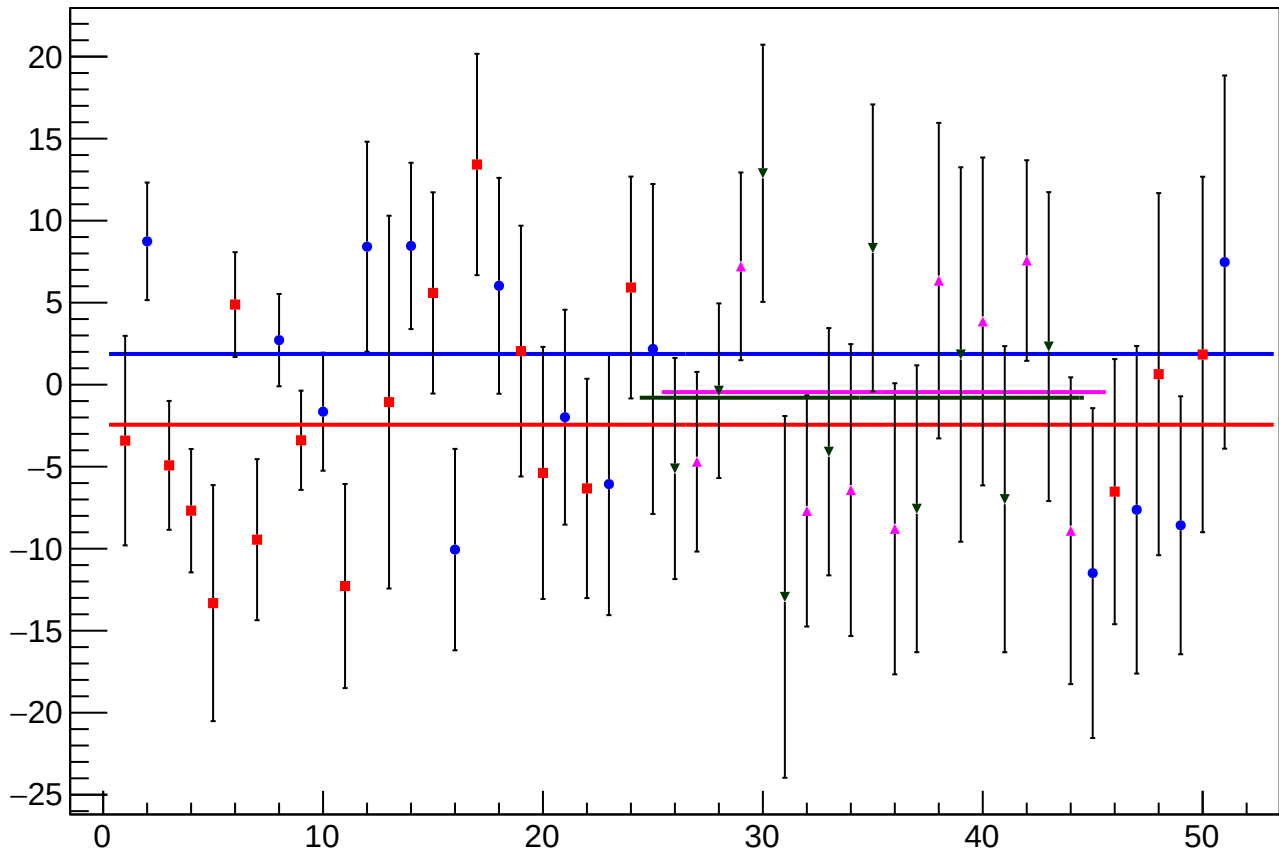
Left Out: 9614.809 $\pm$ 2.996 χ^2 /NDF:131171.7/9

Right Out: 8086.952 $\pm$ 1.968 χ^2 /NDF: 317465.5/17

Left In: 9193.398 $\pm$ 2.753 χ^2 /NDF:85779.5/8

8579.807 $\pm$ 1.144 χ^2 /NDF: 1053113.8/50

diff_bpm1Y_mean vs slug



Right In: 1.872 ± 1.433 $\chi^2/\text{NDF}: 17.6/13$

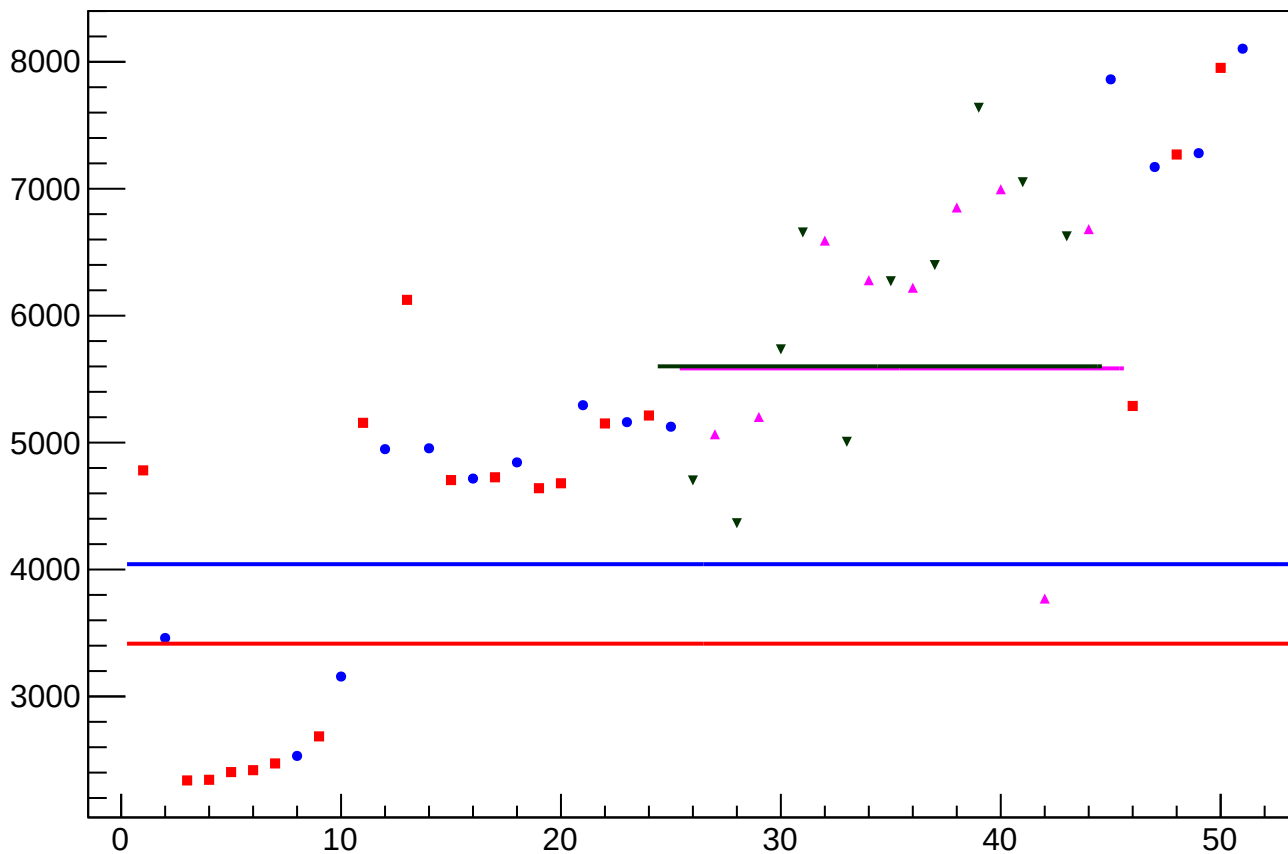
Left Out: -0.796 ± 2.532 $\chi^2/\text{NDF}: 7.2/9$

-0.561 ± 0.836 $\chi^2/\text{NDF}: 62.5/50$

Right Out: -2.442 ± 1.270 $\chi^2/\text{NDF}: 24.6/17$

Left In: -0.453 ± 2.437 $\chi^2/\text{NDF}: 8.0/8$

diff_bpm1Y_rms vs slug



Right In: 4042.079+/-1.013 χ^2/NDF : 2123428.8/13

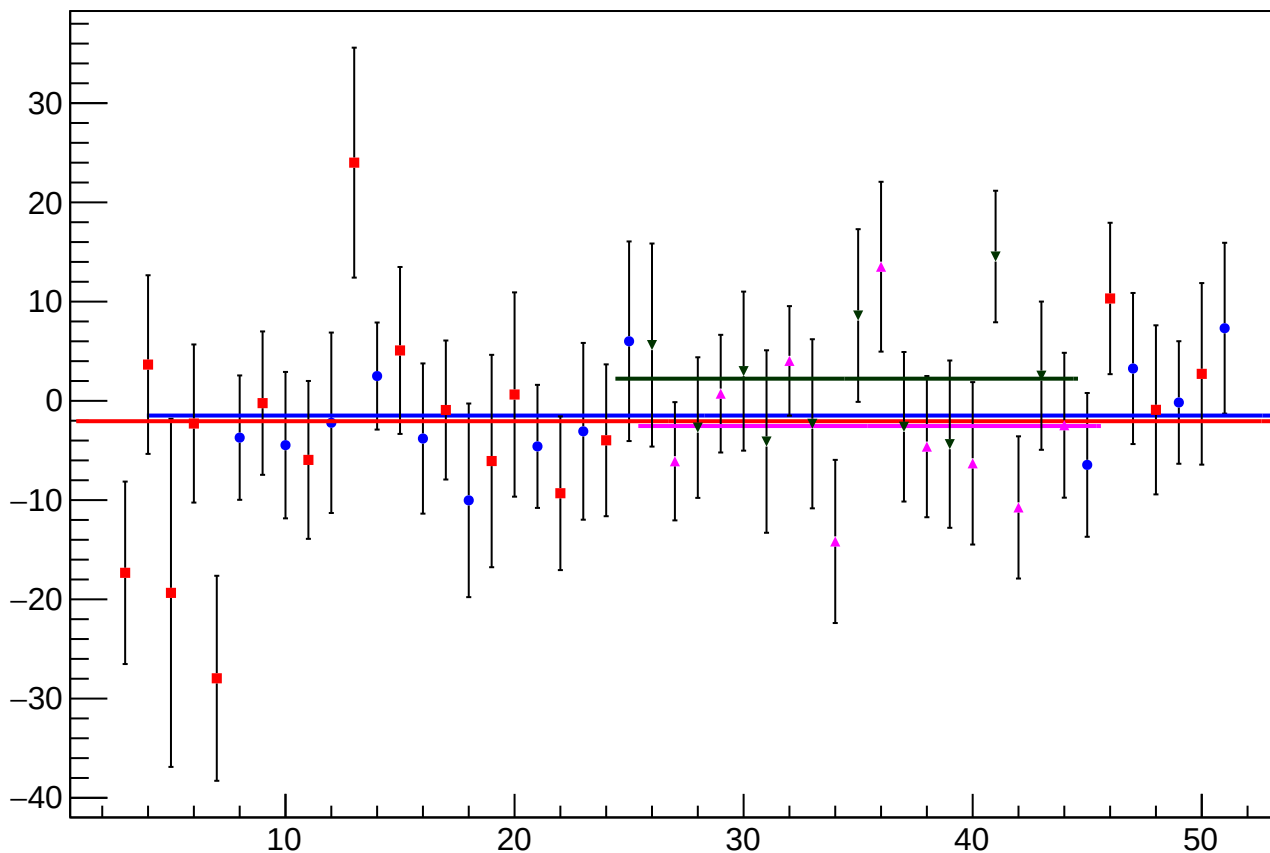
Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

Right Out: 3415.823+/-0.898 χ^2/NDF : 2346022.7/17

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

4121.852+/-0.591 χ^2/NDF : 7203899.6/50

diff_bpm11X_mean vs slug



Right In: -1.481 ± 2.029 χ^2/NDF : 4.5/12

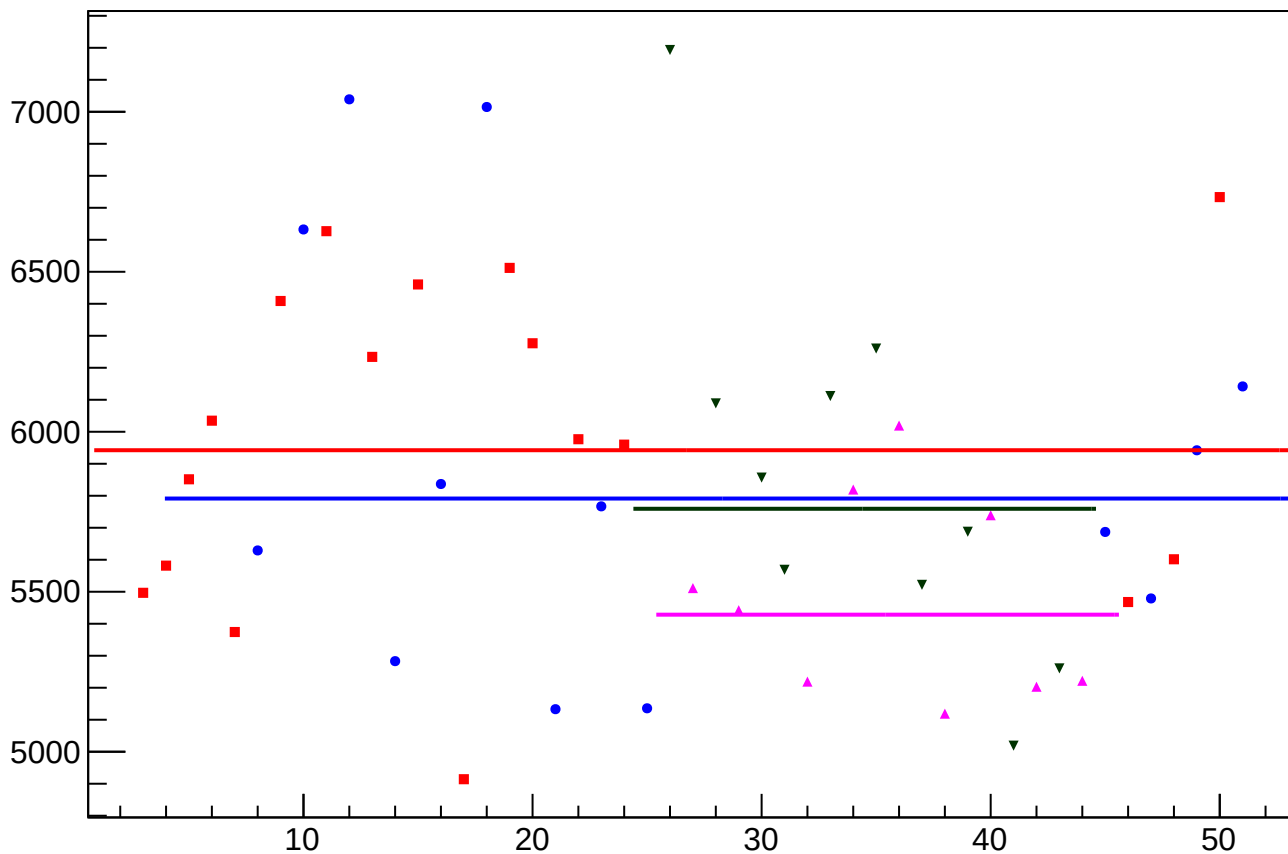
Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

Right Out: -2.051 ± 2.111 χ^2/NDF : 20.6/16

Left In: -2.537 ± 2.289 χ^2/NDF : 9.2/8

-1.172 ± 1.108 χ^2/NDF : 43.0/48

diff_bpm11X_rms vs slug



Right In: 5791.314+/-1.435 χ^2/NDF : 153638.6/12

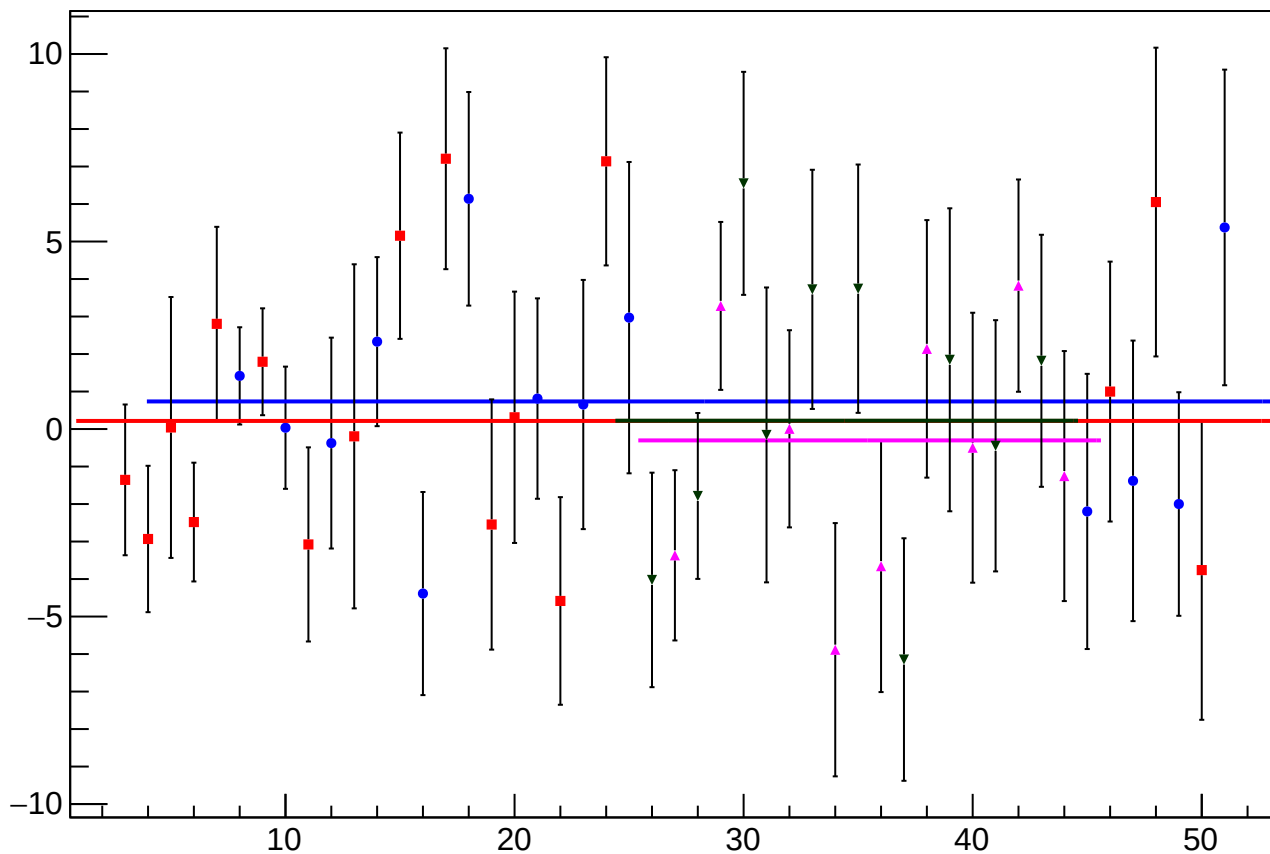
Left Out: 5759.309+/-1.789 χ^2/NDF : 90824.6/9

5741.704+/-0.784 χ^2/NDF : 452003.8/48

Right Out: 5942.311+/-1.493 χ^2/NDF : 123129.2/16

Left In: 5428.343+/-1.619 χ^2/NDF : 27583.1/8

diff_bpm11Y_mean vs slug



Right In: 0.736 ± 0.681 $\chi^2/\text{NDF}: 11.6/12$

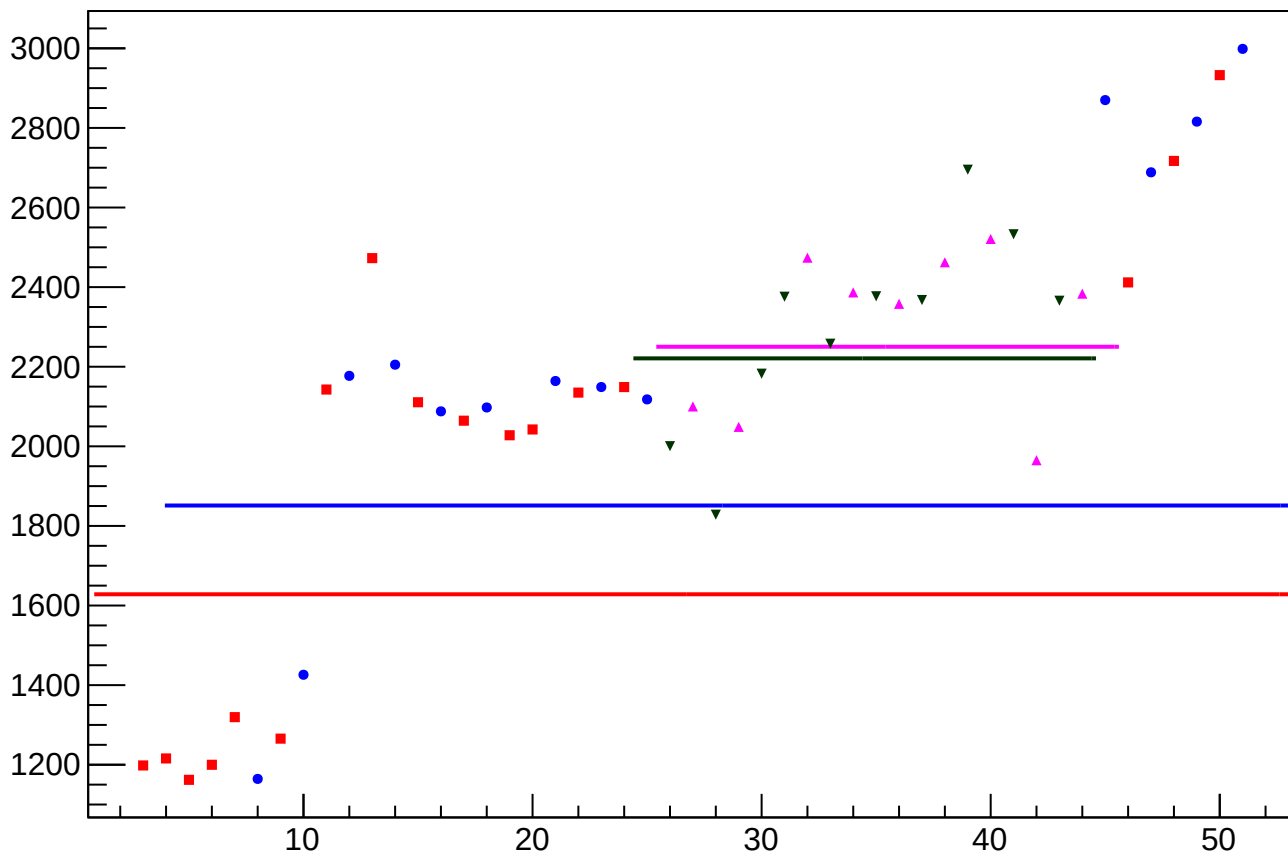
Left Out: 0.222 ± 0.986 $\chi^2/\text{NDF}: 14.2/9$

Right Out: 0.216 ± 0.606 $\chi^2/\text{NDF}: 31.8/16$

Left In: -0.303 ± 0.957 $\chi^2/\text{NDF}: 10.8/8$

0.296 ± 0.378 $\chi^2/\text{NDF}: 69.3/48$

diff_bpm11Y_rms vs slug



Right In: 1851.293+/-0.481 χ^2/NDF : 1467993.1/12

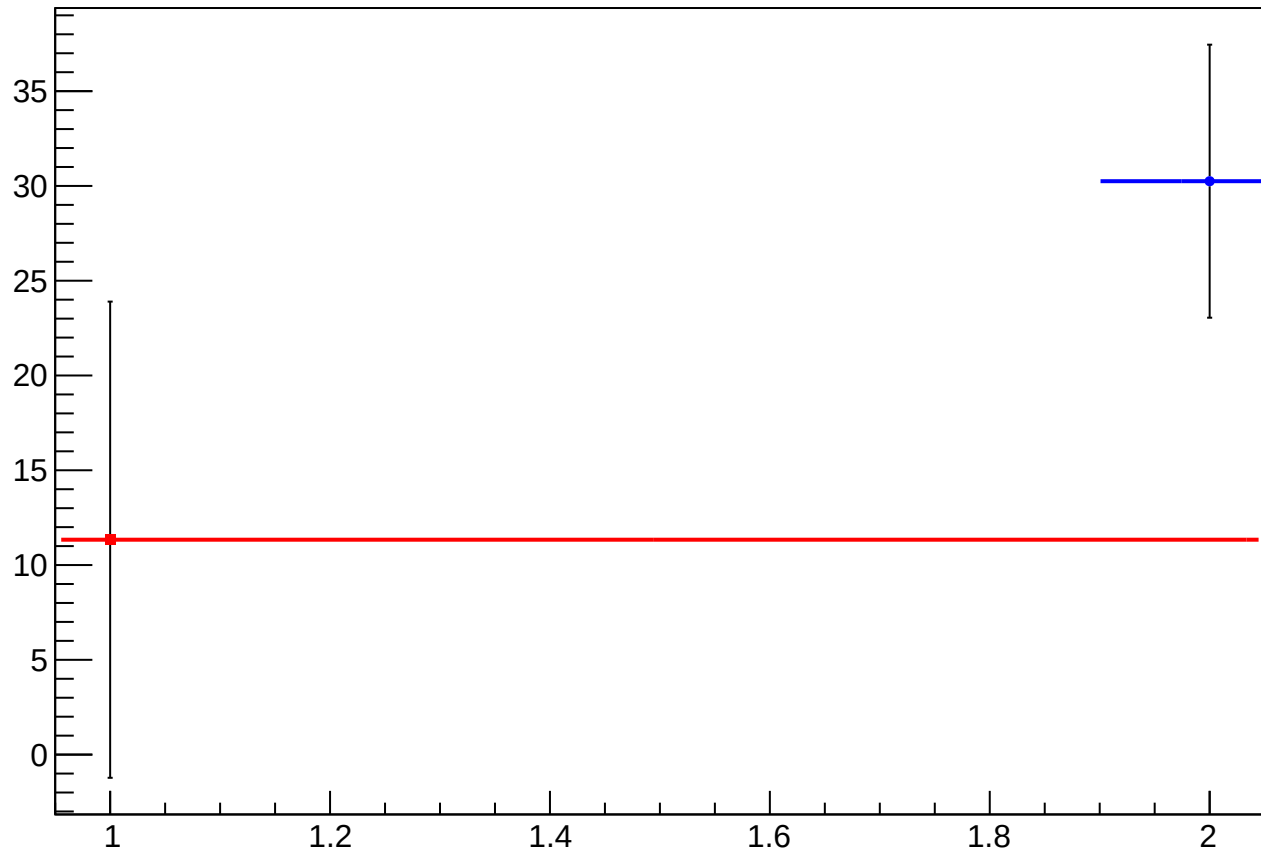
Left Out: 2220.975+/-0.697 χ^2/NDF : 135802.0/9

Right Out: 1628.246+/-0.429 χ^2/NDF : 1425764.6/16

Left In: 2250.180+/-0.677 χ^2/NDF : 87194.0/8

1881.083+/-0.267 χ^2/NDF : 4003661.1/48

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

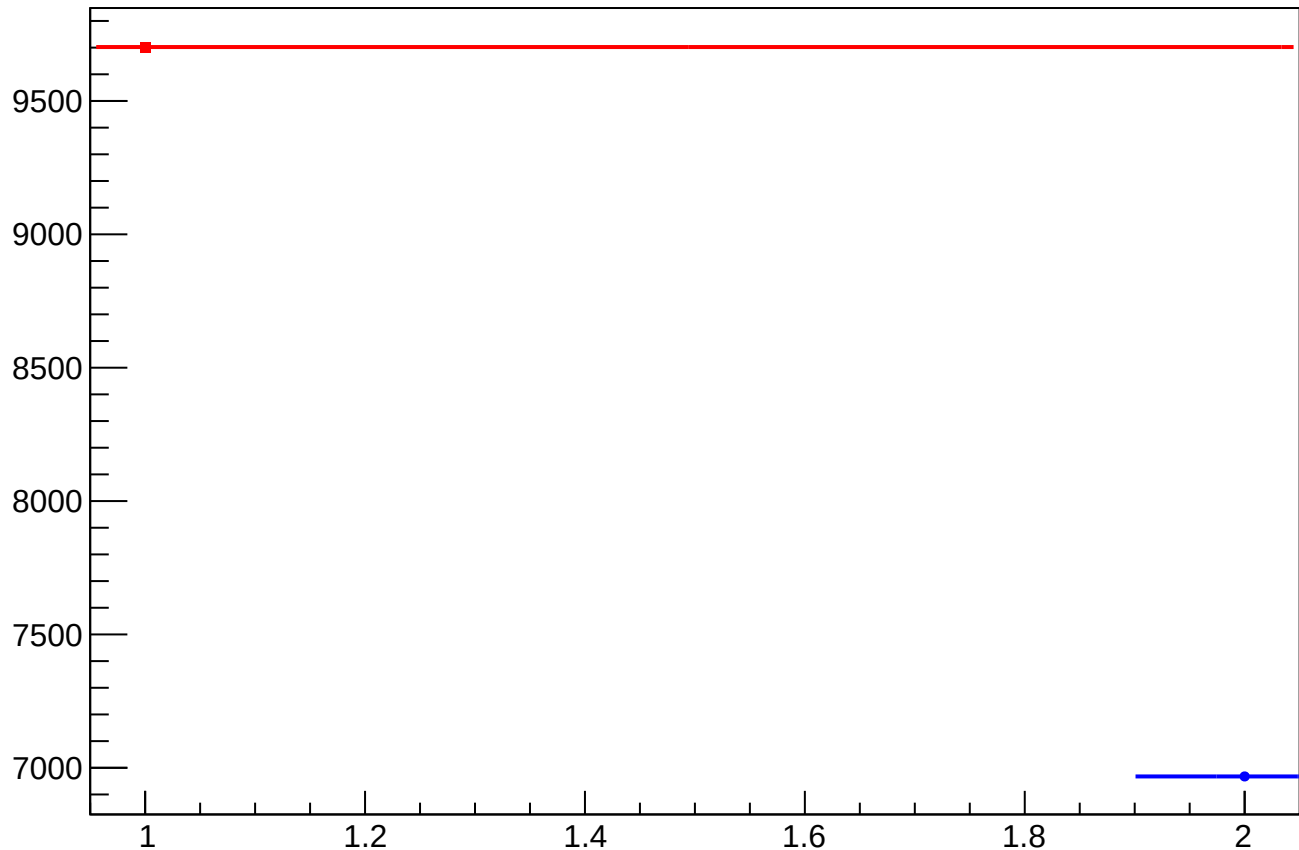
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.337 $\pm$ 12.561 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.571 $\pm$ 6.248 χ^2 /NDF: 1.7/1

diff_bpm14X_rms vs slug



Right In: 6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

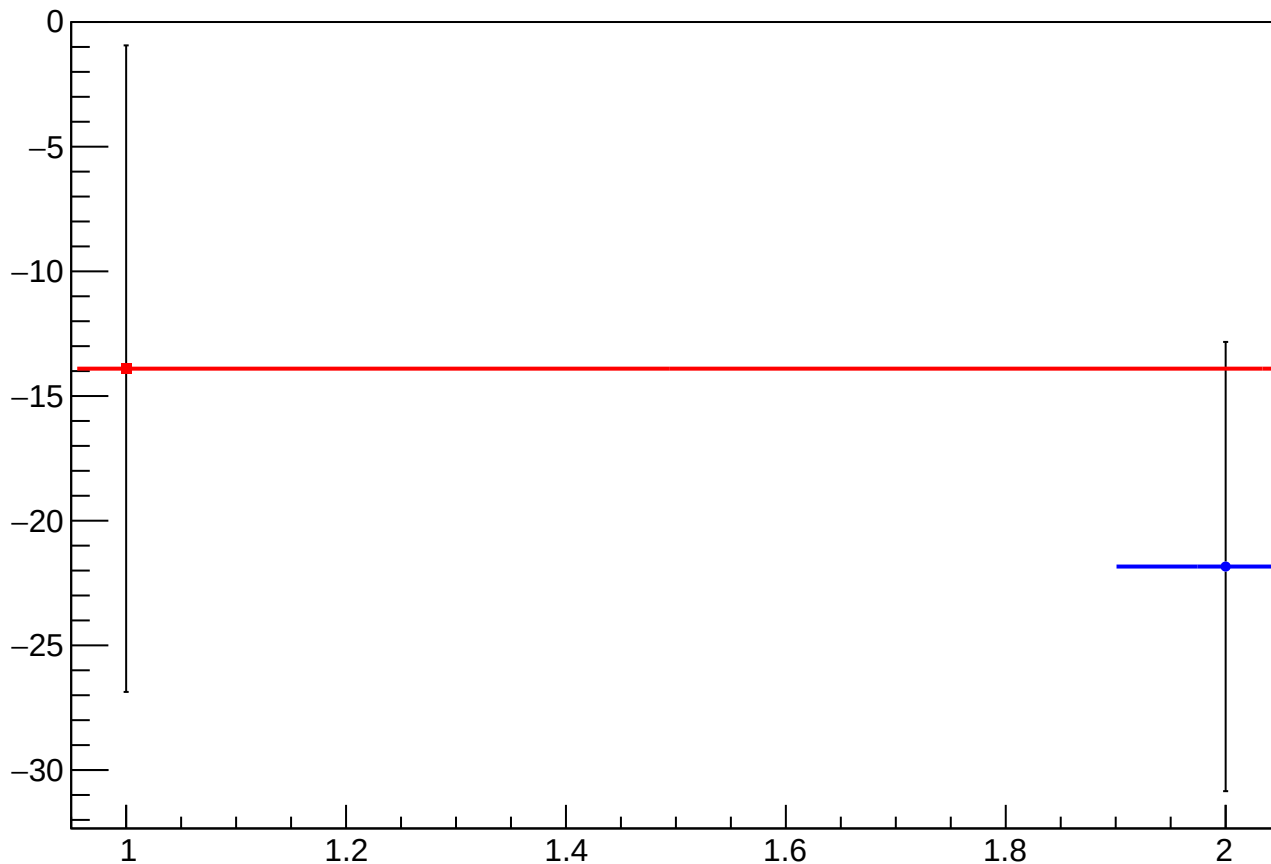
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7644.206 $\pm$ 4.418 χ^2/NDF : 71341.6/1

diff_bpm14Y_mean vs slug



Right In: -21.839 $\pm$ 9.009 χ^2/NDF : 0.0/0

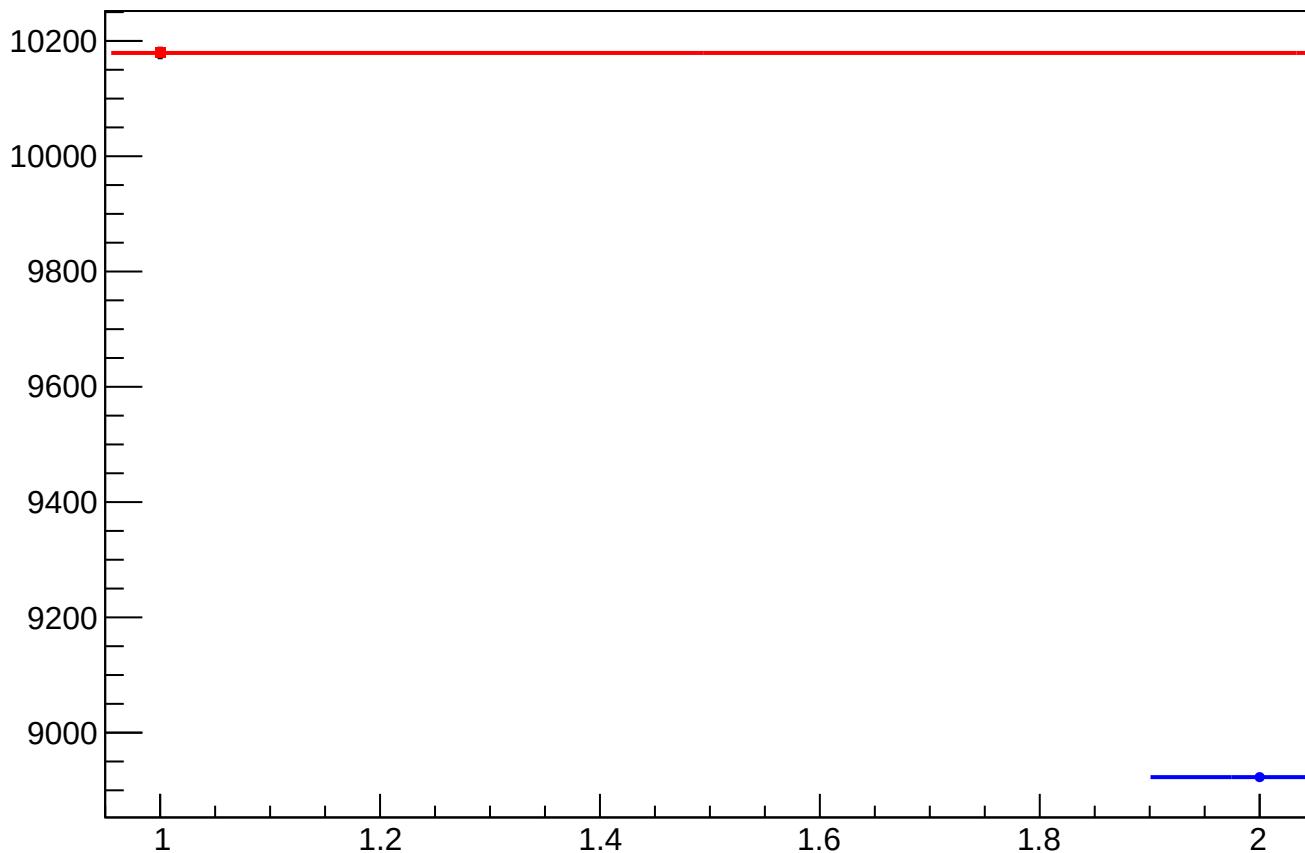
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -13.902 $\pm$ 12.965 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-19.255 $\pm$ 7.398 χ^2/NDF : 0.3/1

diff_bpm14Y_rms vs slug



Right In: 8922.874 $\pm$ 6.370 χ^2/NDF : 0.0/0

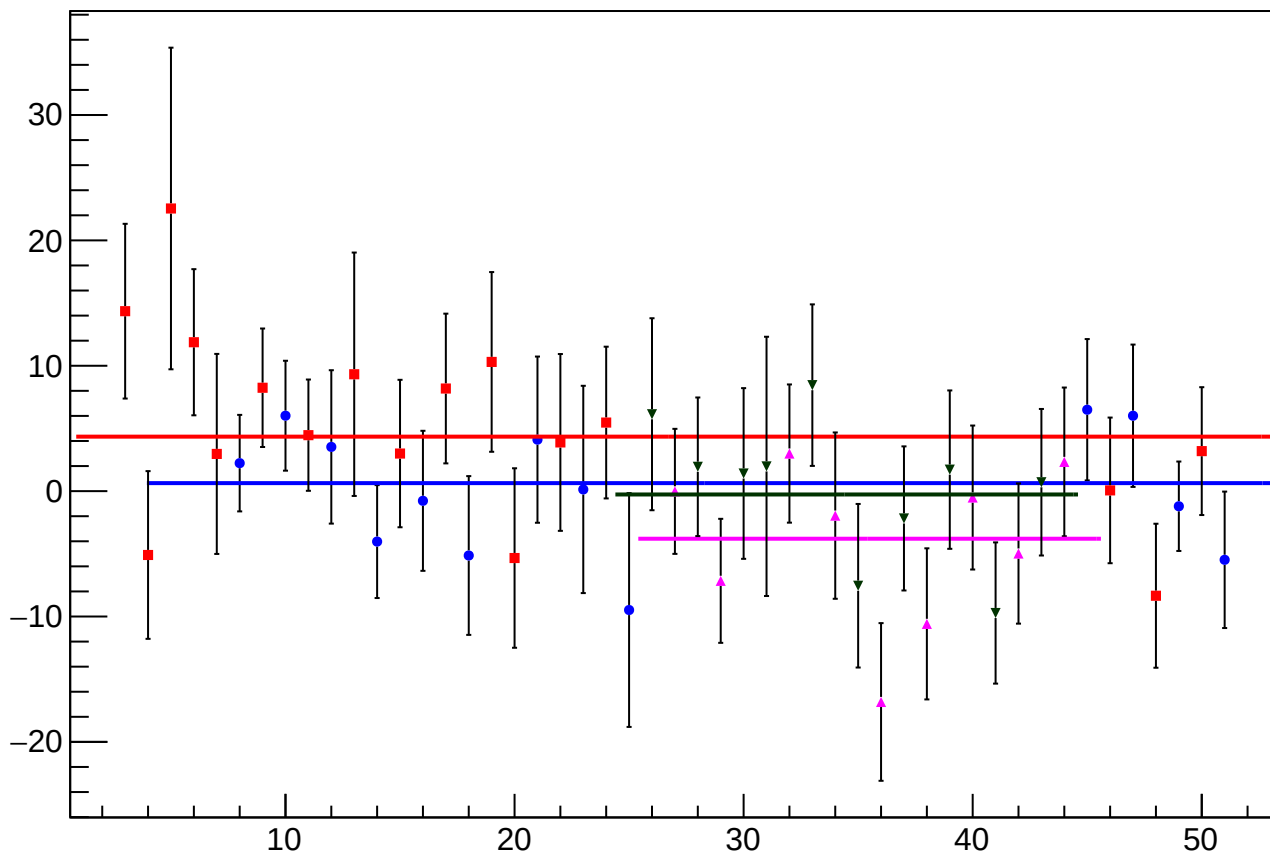
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10179.165 $\pm$ 9.168 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9331.930 $\pm$ 5.231 χ^2/NDF : 12664.4/1

diff_bpm16X_mean vs slug



Right In: 0.639 ± 1.449 χ^2/NDF : 8.8/12

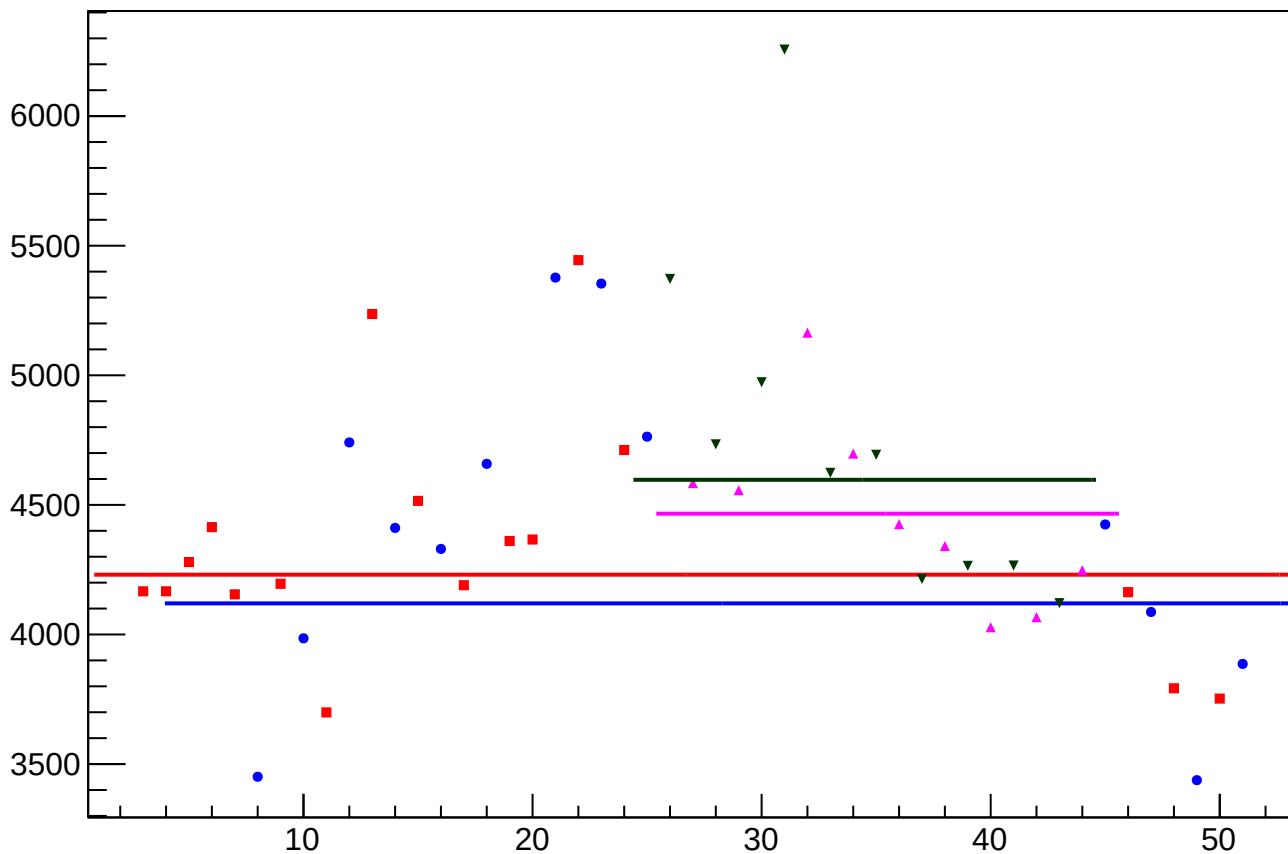
Left Out: -0.266 ± 2.022 χ^2/NDF : 7.1/9

Right Out: 4.346 ± 1.504 χ^2/NDF : 17.2/16

Left In: -3.796 ± 1.889 χ^2/NDF : 9.6/8

0.760 ± 0.832 χ^2/NDF : 54.5/48

diff_bpm16X_rms vs slug



Right In: 4120.101+/-1.024 χ^2/NDF : 317283.5/12

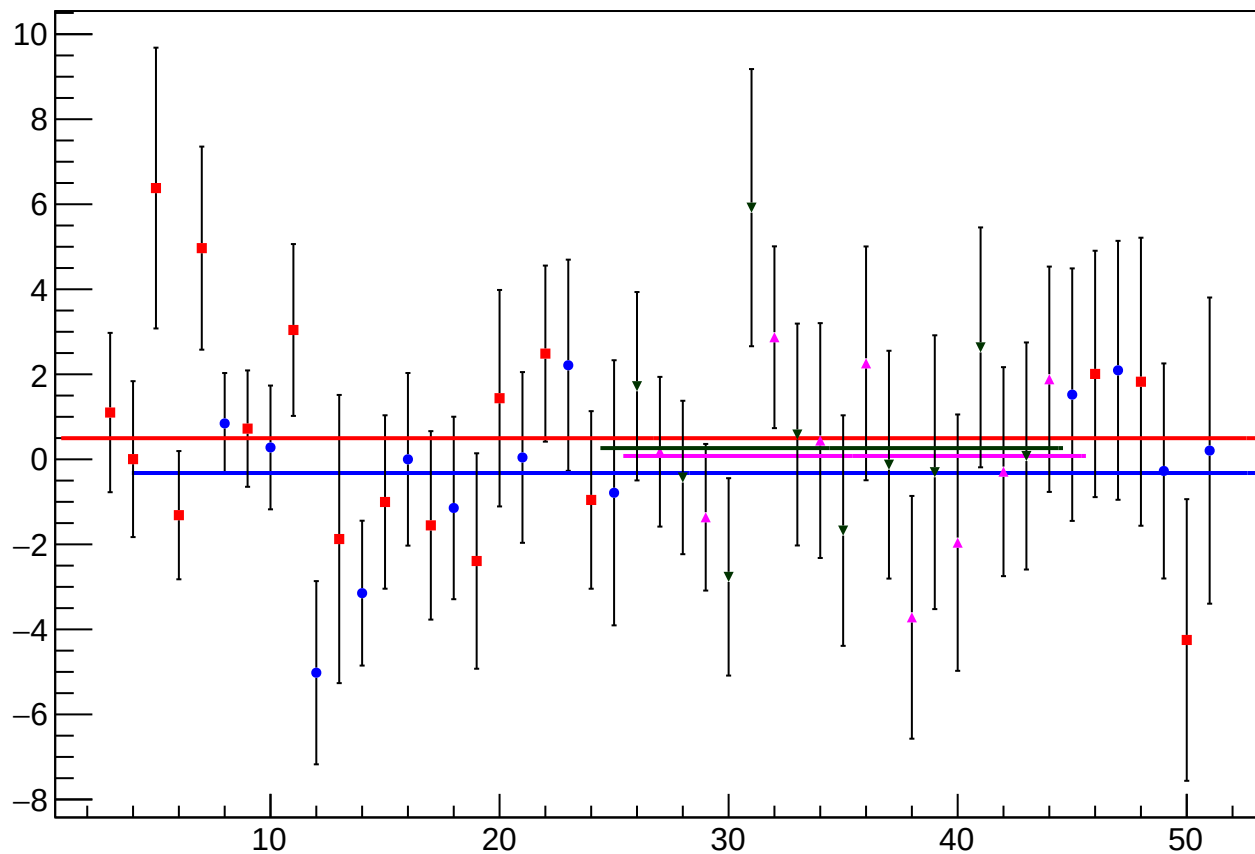
Left Out: 4596.789+/-1.430 χ^2/NDF : 114406.0/9

Right Out: 4230.743+/-1.063 χ^2/NDF : 160354.9/16

Left In: 4466.082+/-1.336 χ^2/NDF : 61839.9/8

4301.932+/-0.589 χ^2/NDF : 747482.1/48

diff_bpm16Y_mean vs slug



Right In: -0.322 ± 0.562 $\chi^2/\text{NDF}: 10.9/12$

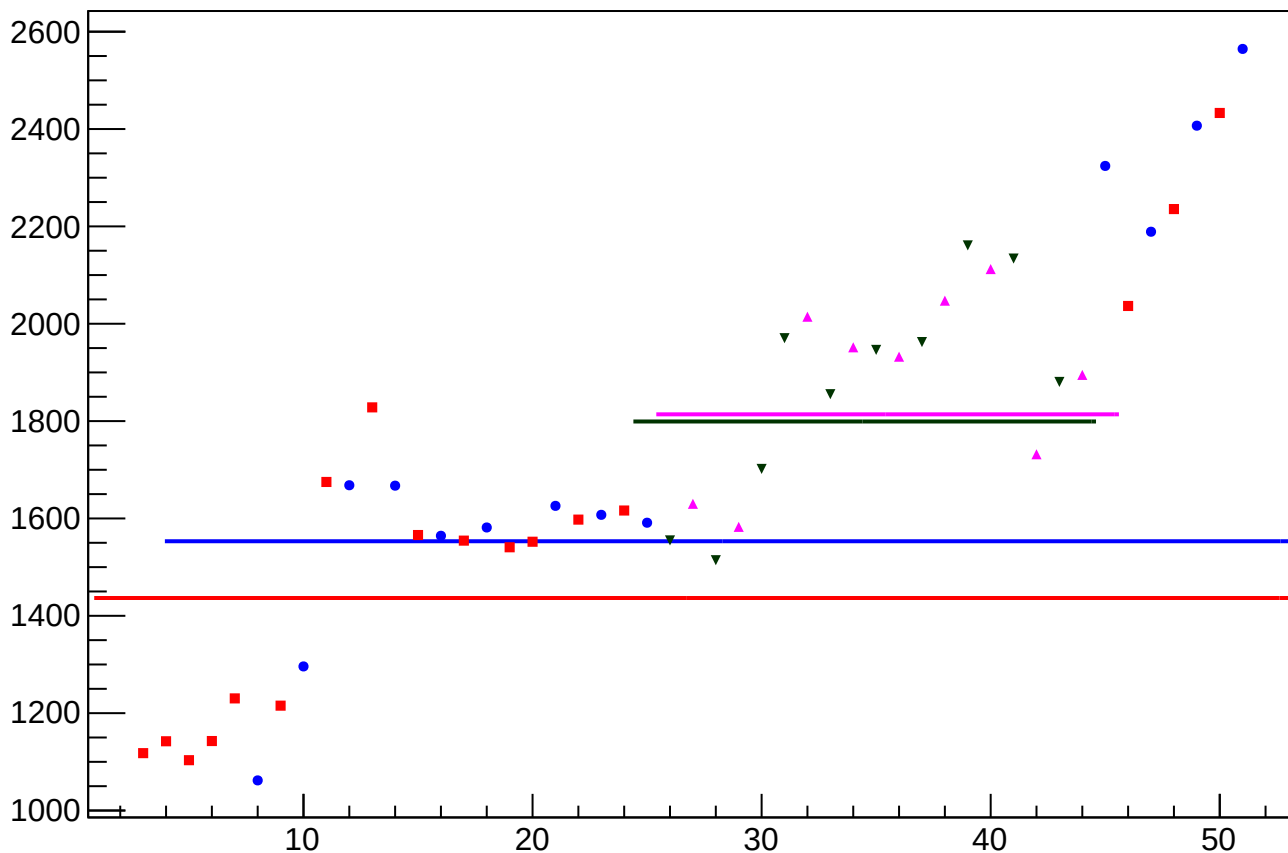
Left Out: 0.264 ± 0.797 $\chi^2/\text{NDF}: 6.6/9$

Right Out: 0.497 ± 0.522 $\chi^2/\text{NDF}: 17.1/16$

Left In: 0.079 ± 0.771 $\chi^2/\text{NDF}: 5.8/8$

0.134 ± 0.315 $\chi^2/\text{NDF}: 41.6/48$

diff_bpm16Y_rms vs slug



Right In: 1553.182 $\pm$ 0.397 χ^2 /NDF: 1032738.7/12

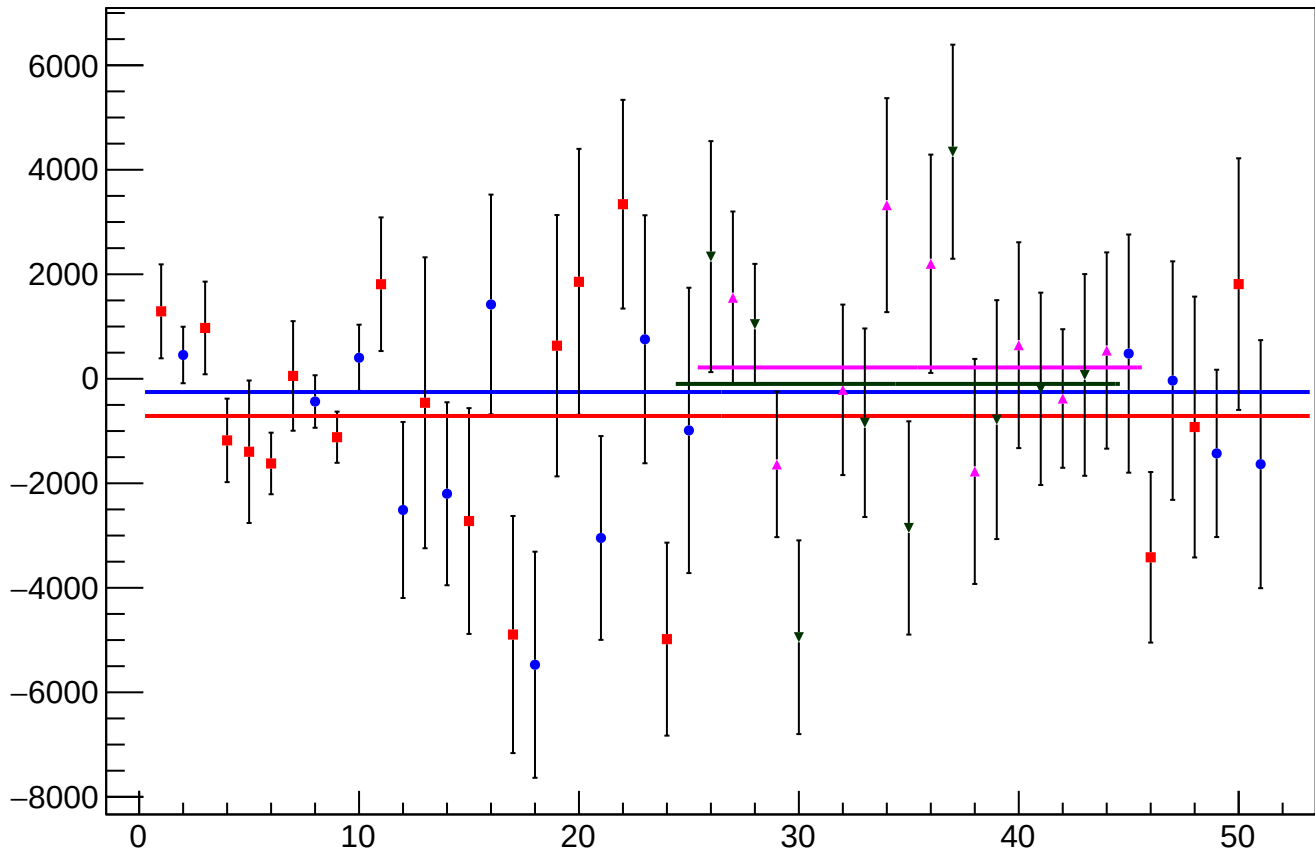
Left Out: 1799.198 $\pm$ 0.563 χ^2 /NDF:152718.9/9

Right Out: 1436.585 $\pm$ 0.369 χ^2 /NDF: 753430.6/16

Left In: 1813.912 $\pm$ 0.545 χ^2 /NDF:121077.4/8

1592.623 $\pm$ 0.223 χ^2 /NDF: 2547570.6/48

asym_sam1_mean vs slug



Right In: -253.297 ± 282.600 χ^2/NDF : 15.7/13

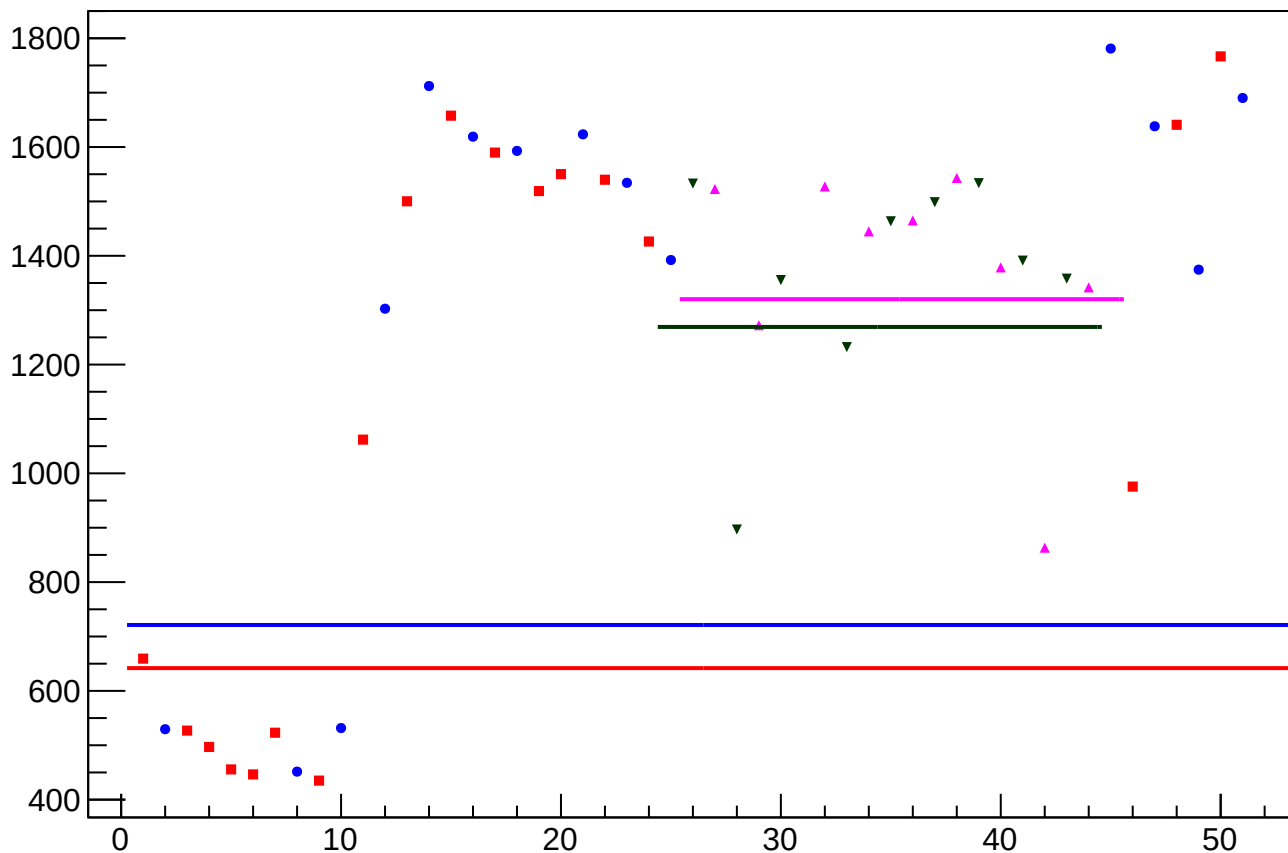
Left Out: -97.646 ± 599.085 χ^2/NDF : 15.8/8

-406.000 ± 172.393 χ^2/NDF : 77.1/49

Right Out: -711.663 ± 255.756 χ^2/NDF : 35.6/17

Left In: 216.993 ± 572.356 χ^2/NDF : 6.8/8

asym_sam1_rms vs slug



Right In: 721.165+/-0.200 χ^2/NDF : 4780633.2/13

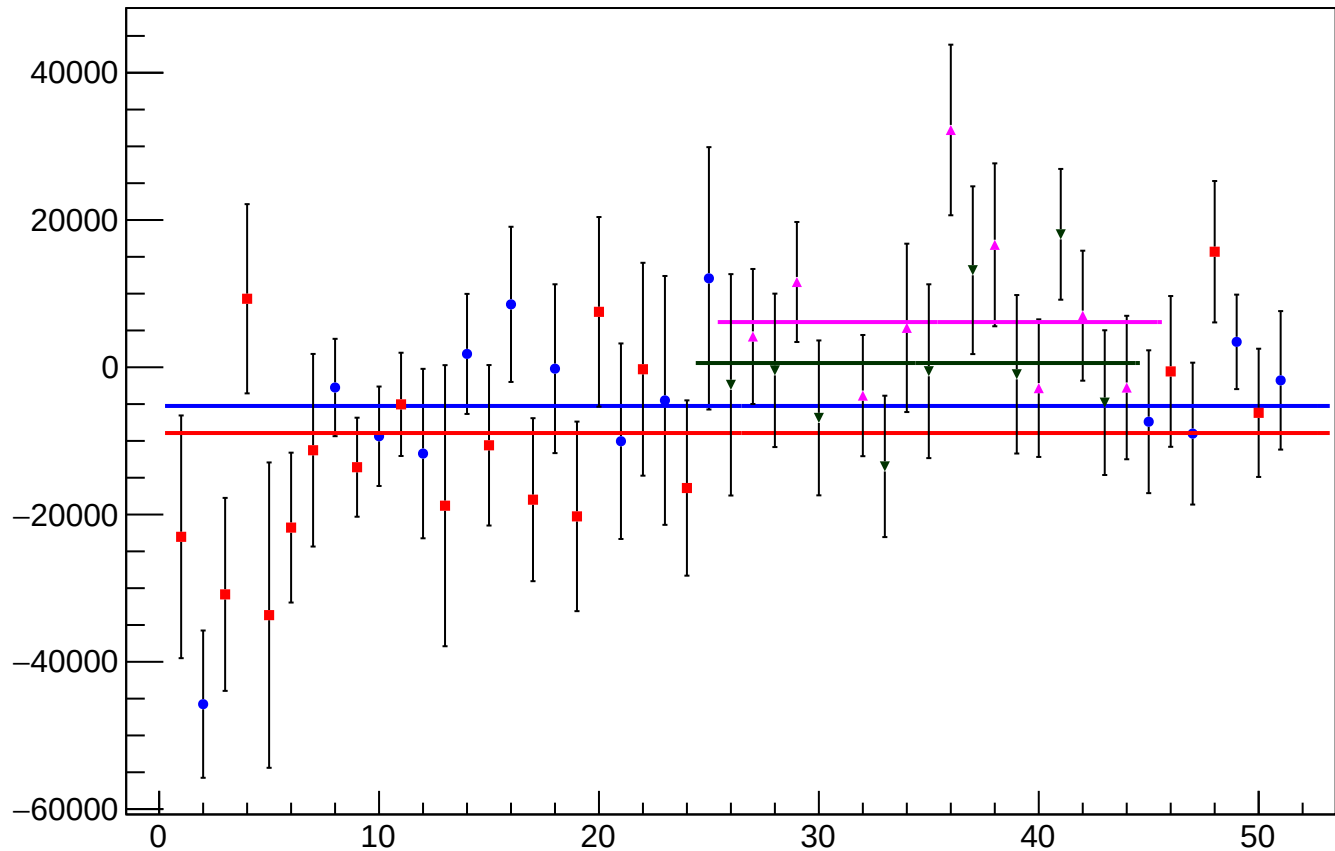
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 641.853+/-0.181 χ^2/NDF : 4043881.4/17

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

784.857+/-0.122 χ^2/NDF : 13275953.8/49

asym_sam2_mean vs slug



Right In: -5252.570 ± 2474.226 χ^2/NDF : 23.1/13

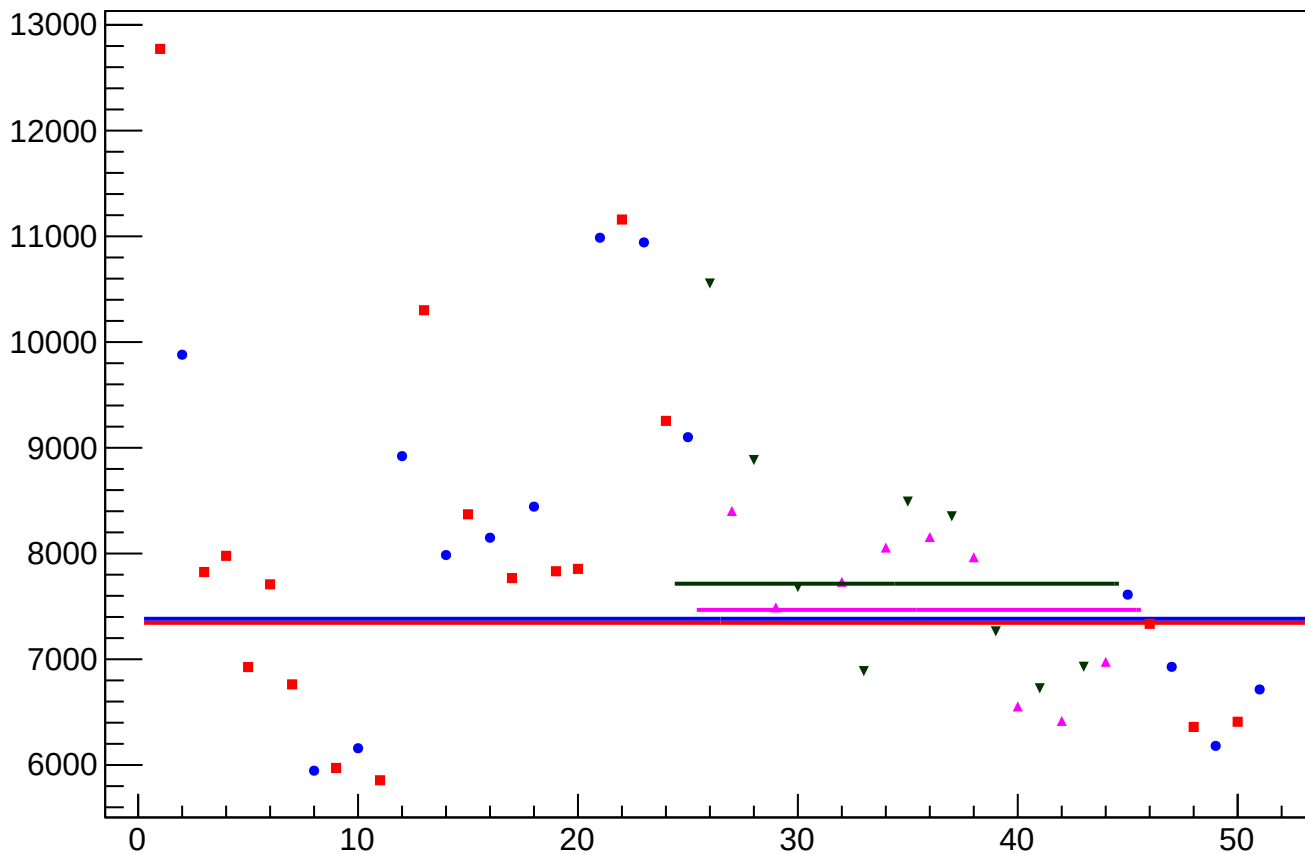
Left Out: 577.076 ± 3533.752 χ^2/NDF : 8.1/8

-3150.231 ± 1420.035 χ^2/NDF : 77.3/49

Right Out: -8929.480 ± 2559.371 χ^2/NDF : 20.8/17

Left In: 6139.136 ± 3165.220 χ^2/NDF : 9.7/8

asym_sam2_rms vs slug



Right In: 7382.870+/-1.750 χ^2/NDF : 699930.3/13

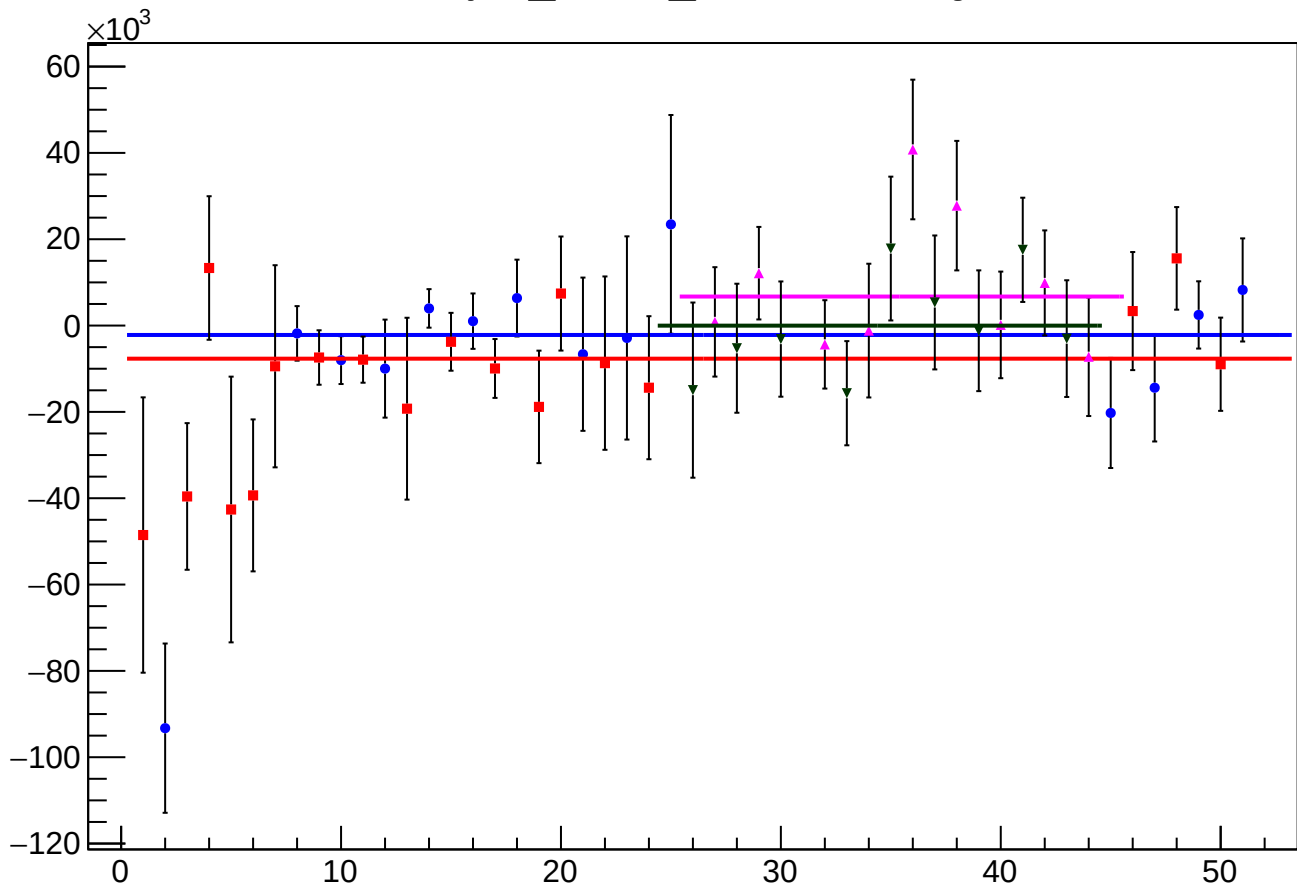
Left Out: 7714.631+/-2.499 χ^2/NDF : 167394.8/8

Right Out: 7344.491+/-1.810 χ^2/NDF : 714945.8/17

Left In: 7467.205+/-2.238 χ^2/NDF : 91846.7/8

7441.604+/-1.004 χ^2/NDF : 1690194.0/49

asym_sam3_mean vs slug



Right In: -2178.666 $\pm$ 2248.525 χ^2/NDF : 31.4/13

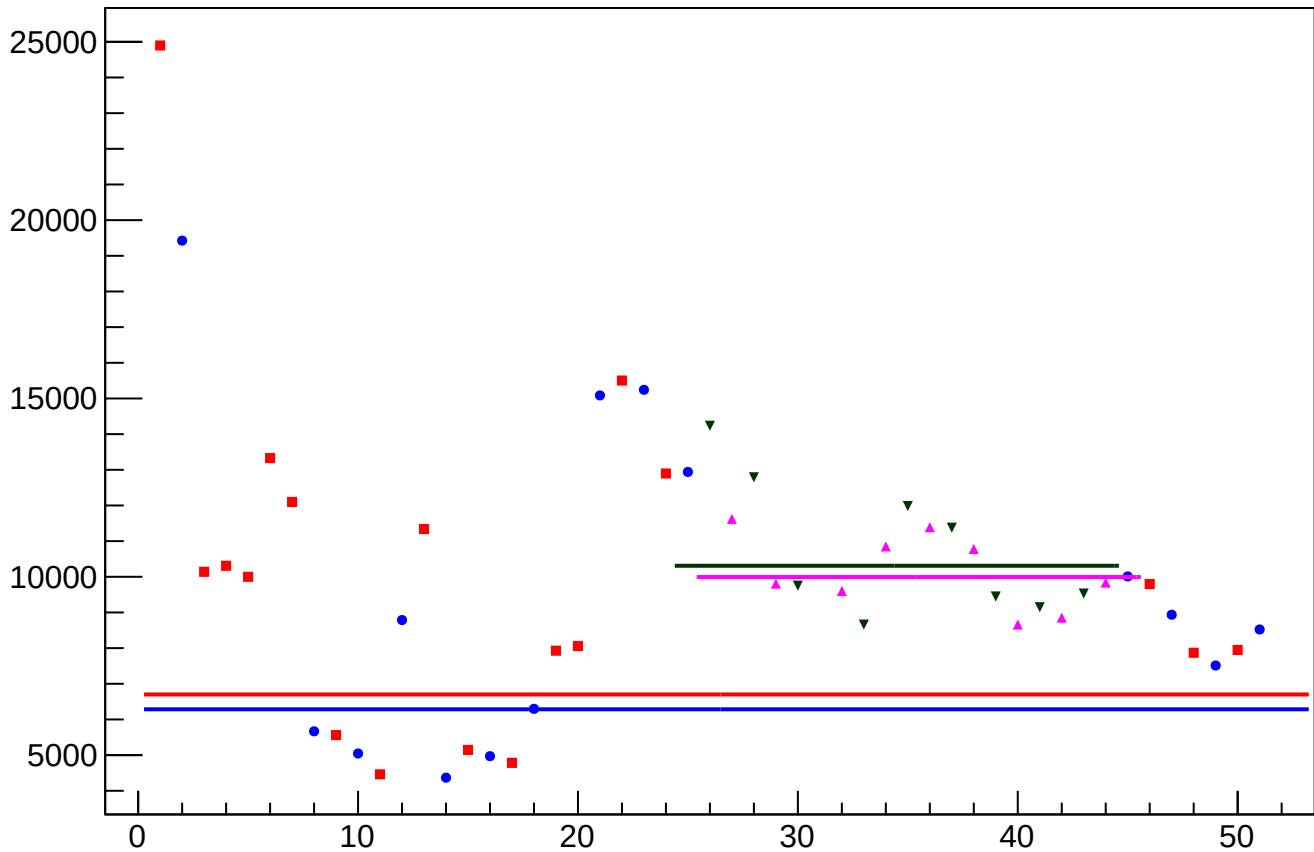
Left Out: -18.907 $\pm$ 4736.066 χ^2/NDF : 5.8/8

-2798.759 $\pm$ 1479.260 χ^2/NDF : 74.9/49

Right Out: -7671.025 $\pm$ 2507.025 χ^2/NDF : 18.8/17

Left In: 6722.901 $\pm$ 4244.094 χ^2/NDF : 9.7/8

asym_sam3_rms vs slug



Right In: 6284.957+/-1.590 χ^2/NDF : 2868410.9/13

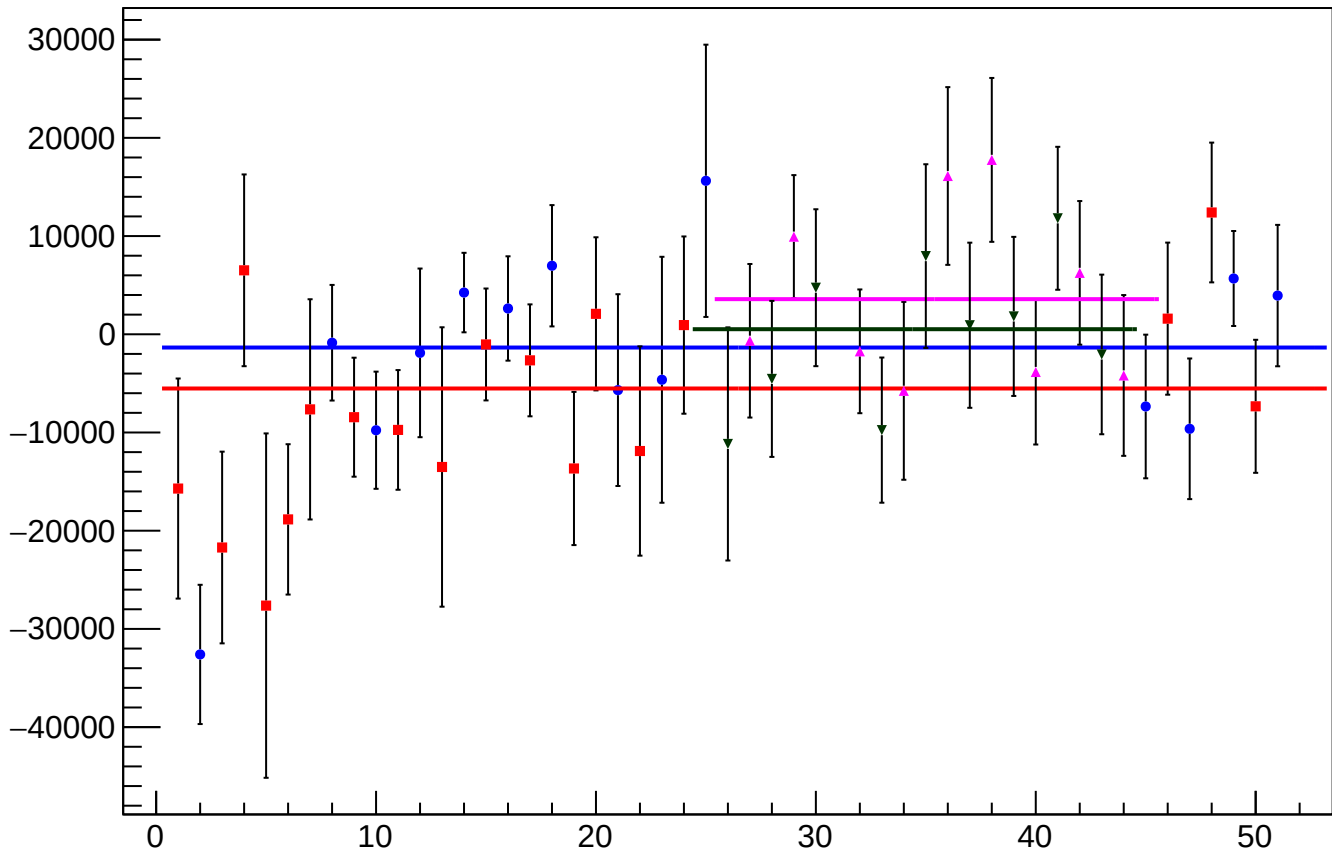
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

7272.899+/-1.046 χ^2/NDF : 8210398.7/49

Right Out: 6701.024+/-1.773 χ^2/NDF : 2870623.3/17

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -1349.216 ± 1726.495 $\chi^2/\text{NDF}: 32.2/13$

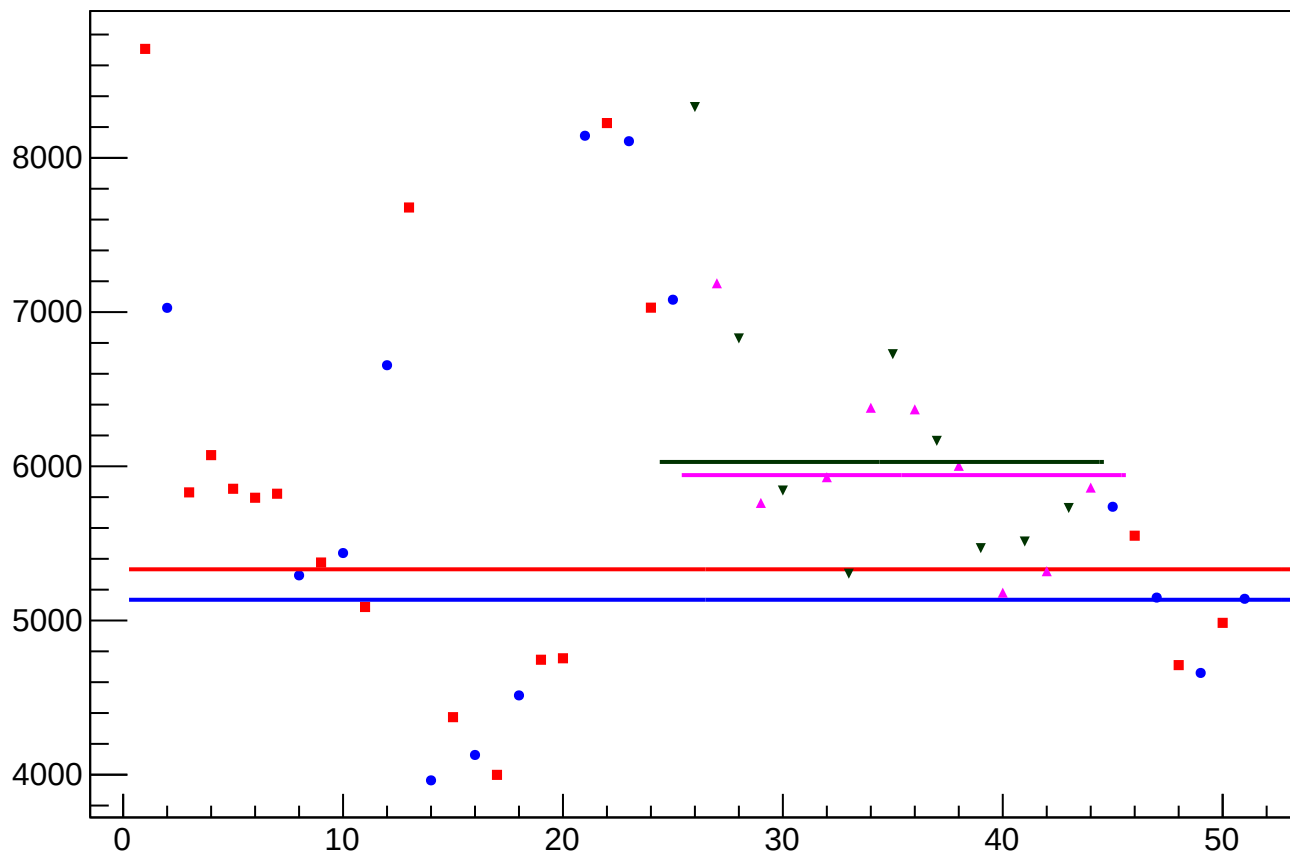
Left Out: 516.734 ± 2754.718 $\chi^2/\text{NDF}: 6.8/8$

-1554.023 ± 1045.295 $\chi^2/\text{NDF}: 80.0/49$

Right Out: -5520.432 ± 1856.314 $\chi^2/\text{NDF}: 21.8/17$

Left In: 3577.200 ± 2517.750 $\chi^2/\text{NDF}: 10.0/8$

asym_sam4_rms vs slug



Right In: 5134.521+/-1.221 χ^2 /NDF: 846489.2/13

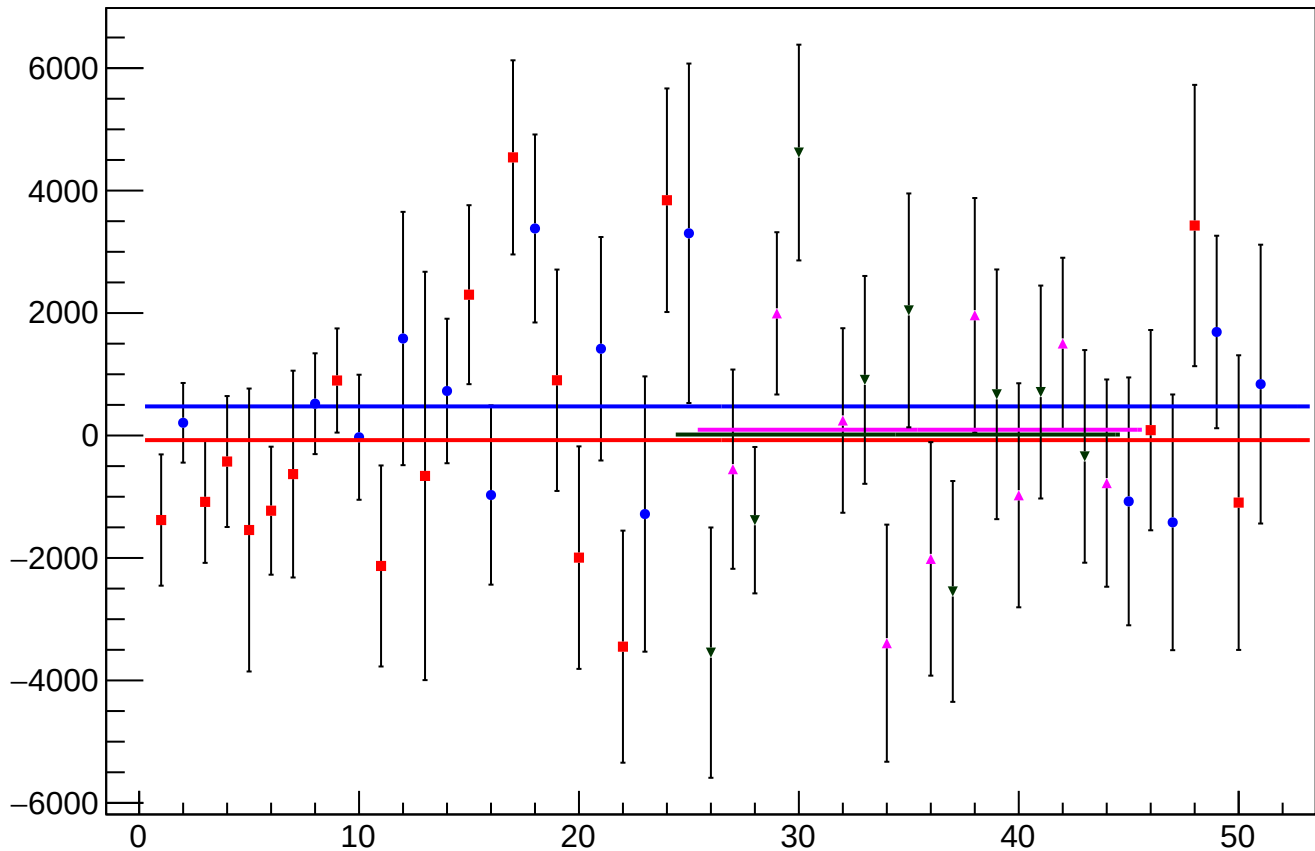
Left Out: 6028.268+/-1.948 χ^2 /NDF:149820.8/8

Right Out: 5332.020+/-1.313 χ^2 /NDF: 697587.0/17

Left In: 5942.882+/-1.780 χ^2 /NDF:97554.4/8

5465.167+/-0.739 χ^2 /NDF: 2030666.7/49

asym_sam5_mean vs slug



Right In: 475.162+/-346.264 χ^2/NDF : 9.3/13

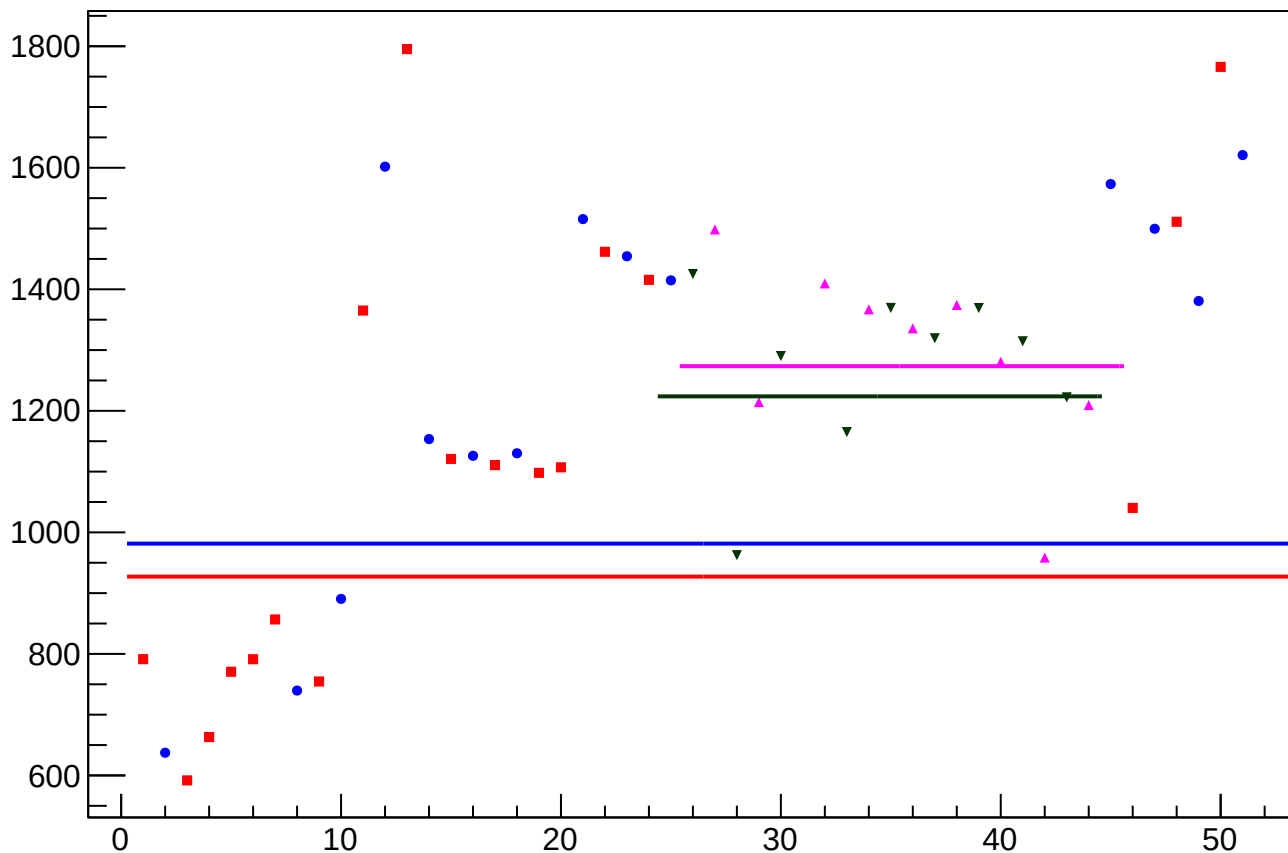
Left Out: 15.632+/-568.606 χ^2/NDF : 15.0/8

154.922+/-205.708 χ^2/NDF : 65.0/49

Right Out: -75.482+/-336.366 χ^2/NDF : 30.1/17

Left In: 94.301+/-545.541 χ^2/NDF : 9.3/8

asym_sam5_rms vs slug



Right In: 981.513+/-0.245 χ^2/NDF : 1898393.8/13

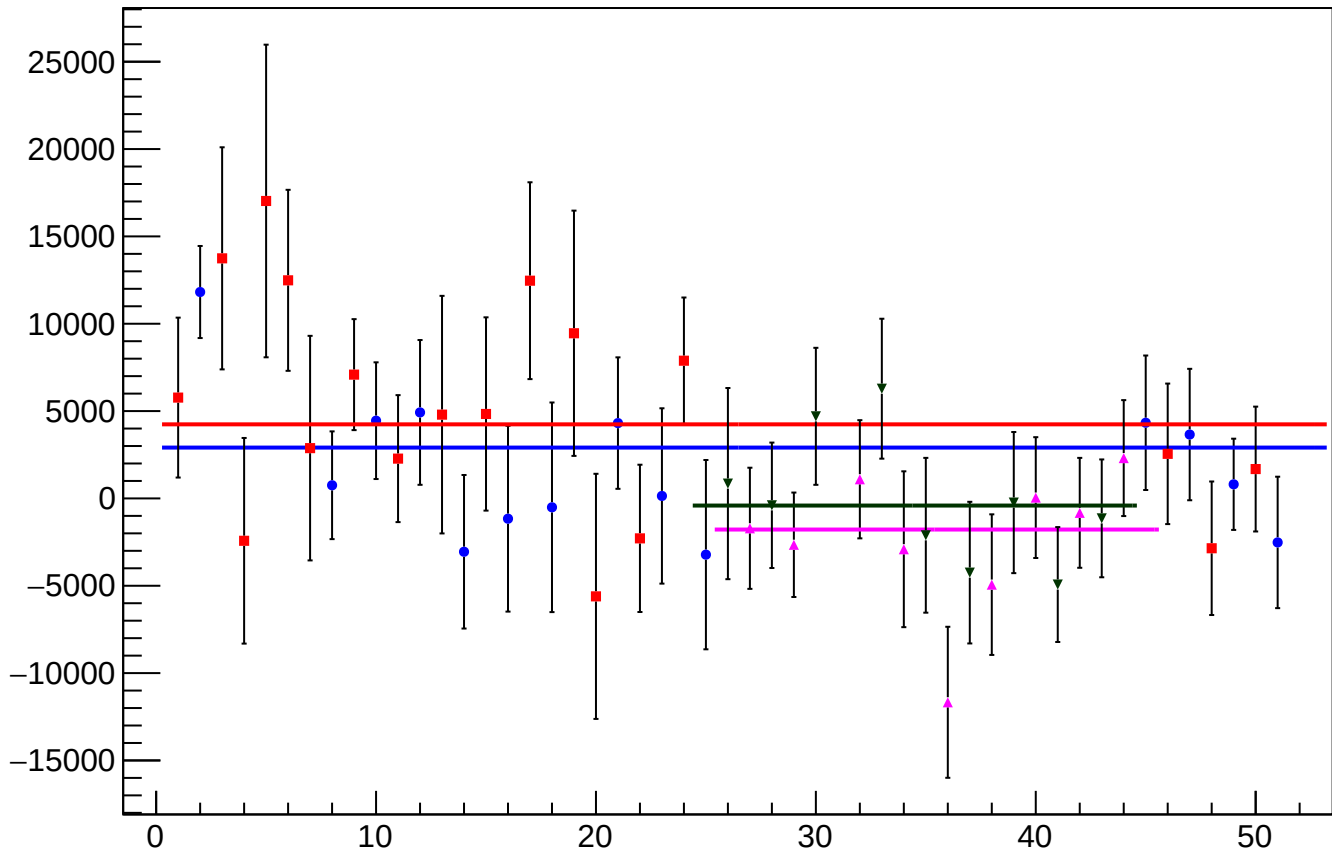
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 927.202+/-0.238 χ^2/NDF : 1570926.1/17

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

1034.435+/-0.145 χ^2/NDF : 4653400.1/49

asym_sam6_mean vs slug



Right In: 2910.567 $\pm$ 994.157 χ^2 /NDF: 19.7/13

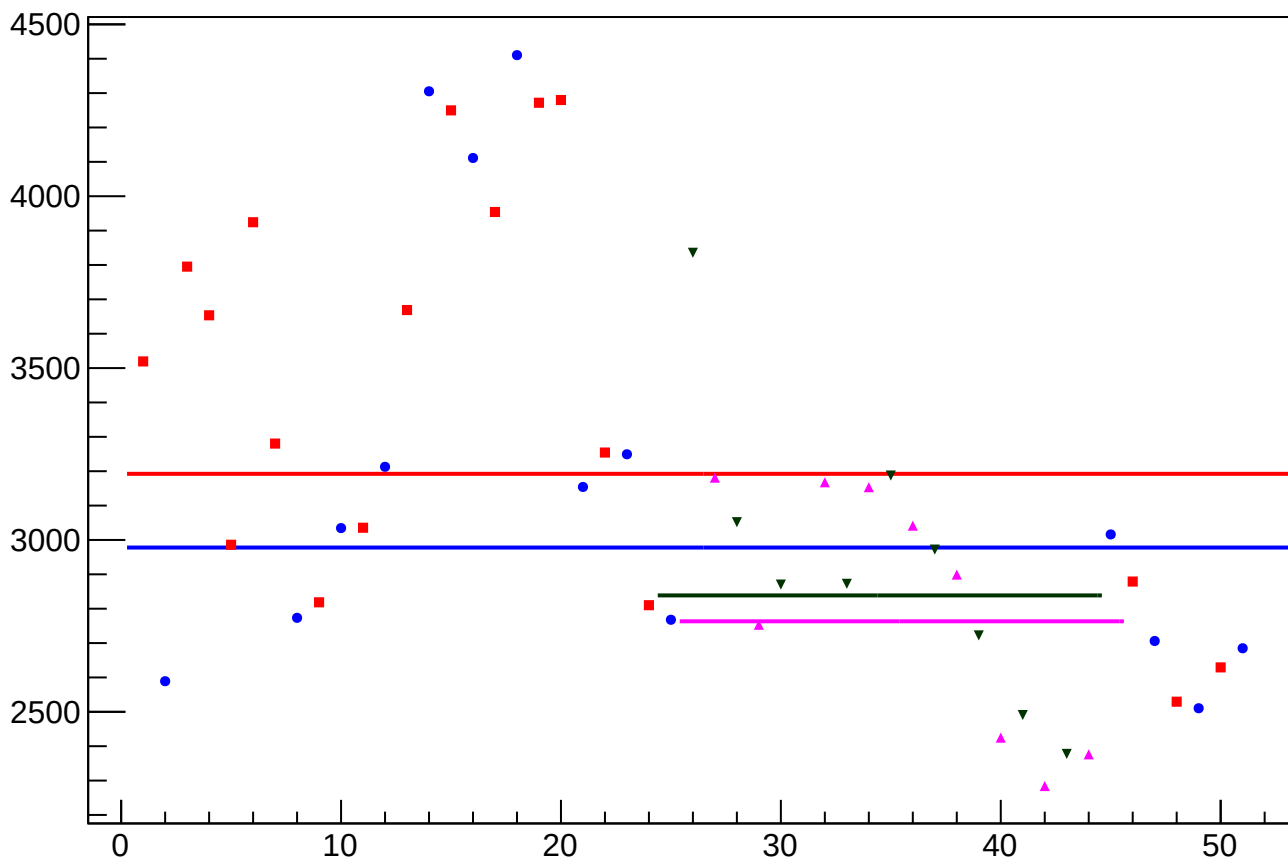
Left Out: -408.383 $\pm$ 1299.964 χ^2 /NDF: 7.5/8

1552.586 $\pm$ 563.910 χ^2 /NDF: 75.5/49

Right Out: 4240.759 $\pm$ 1105.828 χ^2 /NDF: 21.6/17

Left In: -1781.426 $\pm$ 1175.729 χ^2 /NDF: 8.6/8

asym_sam6_rms vs slug



Right In: 2977.922+/-0.703 χ^2/NDF : 546747.5/13

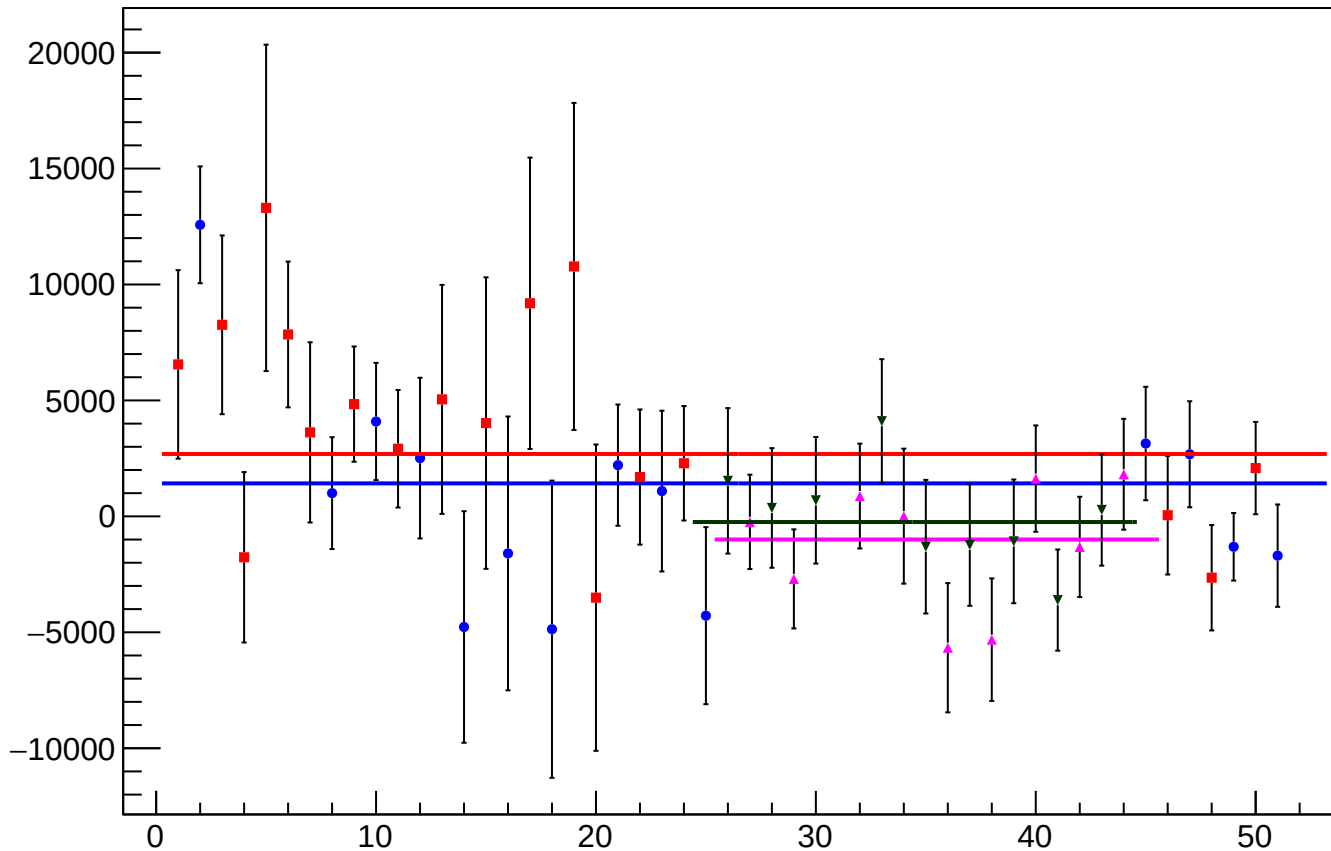
Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

Right Out: 3192.391+/-0.782 χ^2/NDF : 472766.8/17

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

2958.130+/-0.399 χ^2/NDF : 1507798.4/49

asym_sam7_mean vs slug



Right In: 1422.522+/-707.924 χ^2/NDF : 32.3/13

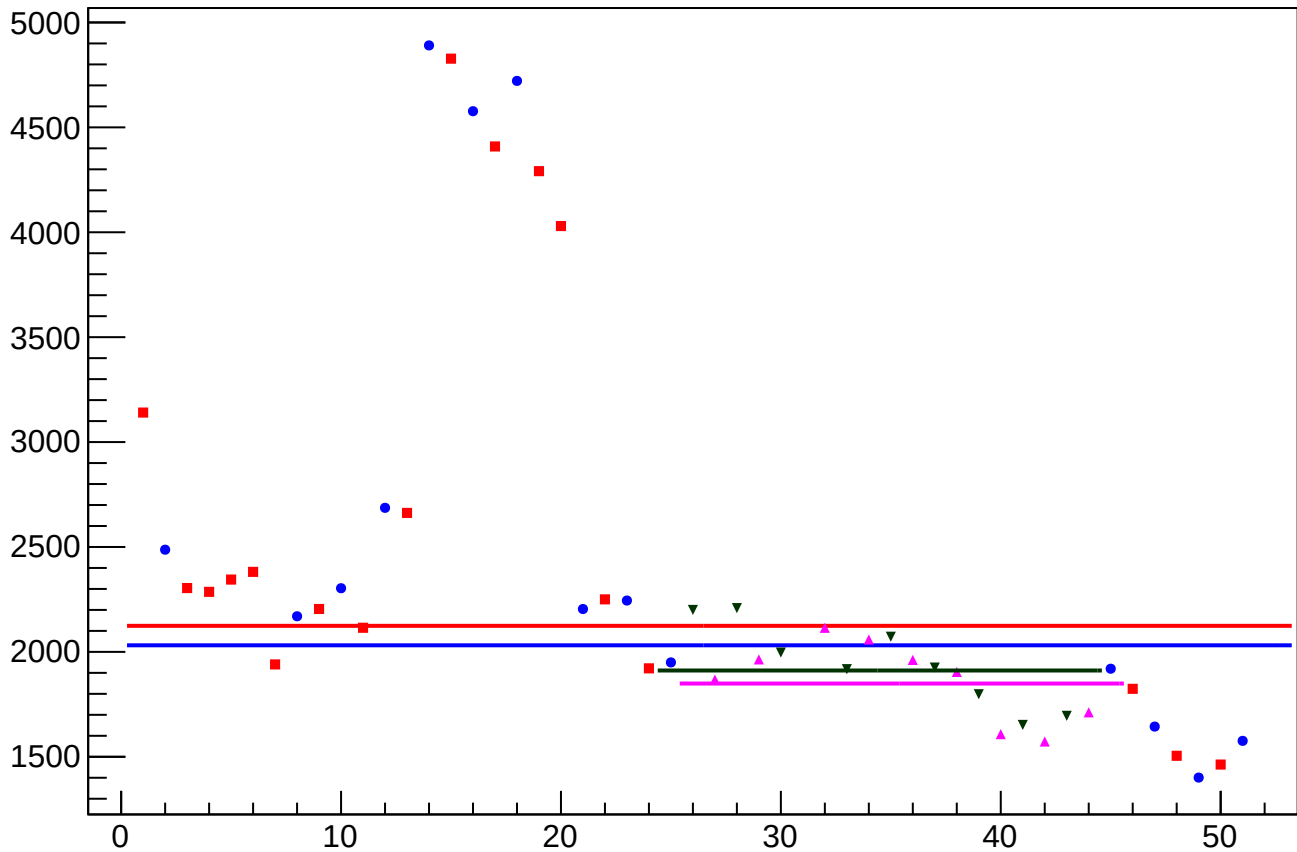
Left Out: -244.491+/-871.961 χ^2/NDF : 5.9/8

830.868+/-387.551 χ^2/NDF : 82.2/49

Right Out: 2691.601+/-761.986 χ^2/NDF : 20.6/17

Left In: -997.335+/-784.451 χ^2/NDF : 9.8/8

asym_sam7_rms vs slug



Right In: 2031.337+/-0.501 χ^2 /NDF: 2085247.7/13

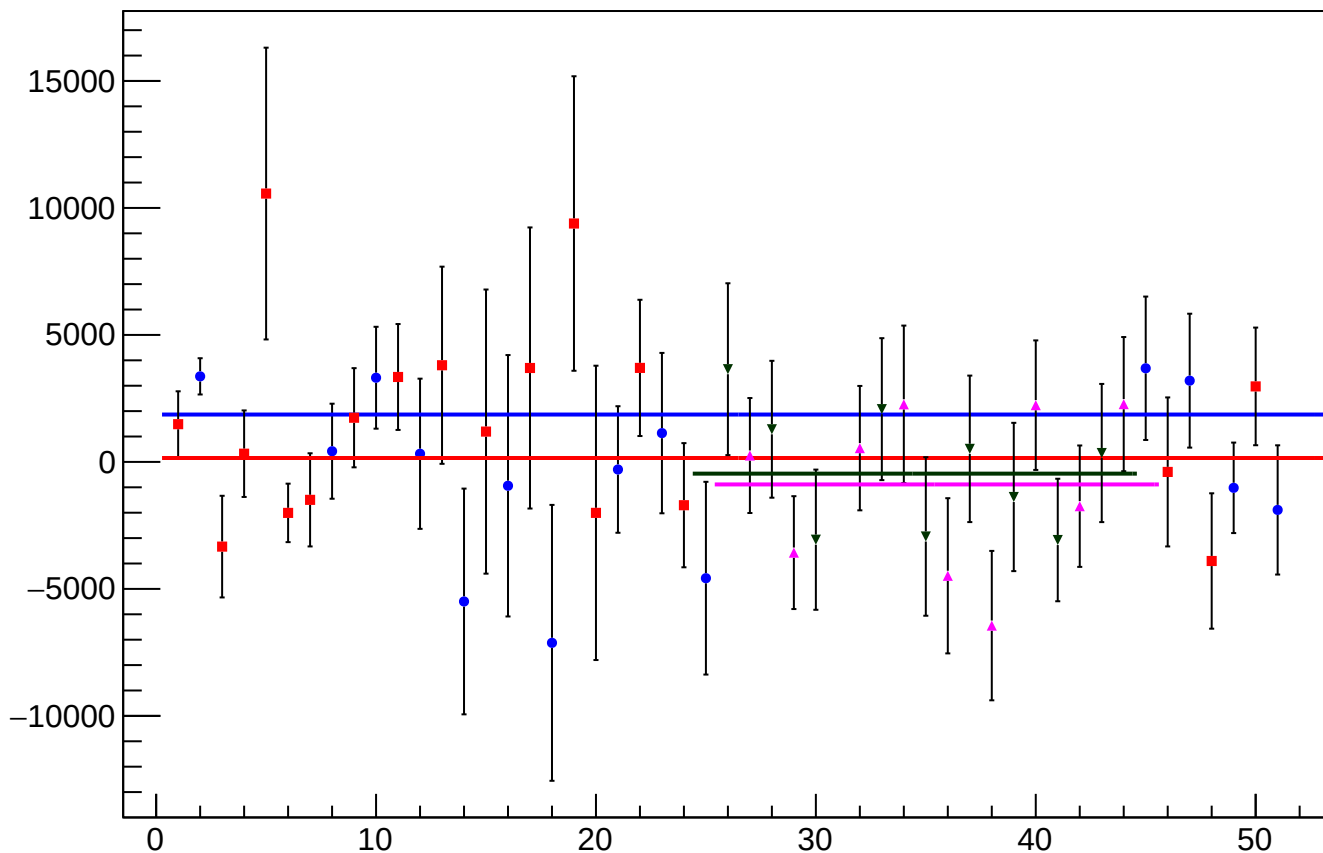
Left Out: 1911.248+/-0.617 χ^2 /NDF: 99791.7/8

1987.142+/-0.274 χ^2 /NDF: 4026566.6/49

Right Out: 2124.144+/-0.539 χ^2 /NDF: 1582496.2/17

Left In: 1849.101+/-0.555 χ^2 /NDF: 109499.9/8

asym_sam8_mean vs slug



Right In: 1865.433 ± 512.789 χ^2/NDF : 20.8/13

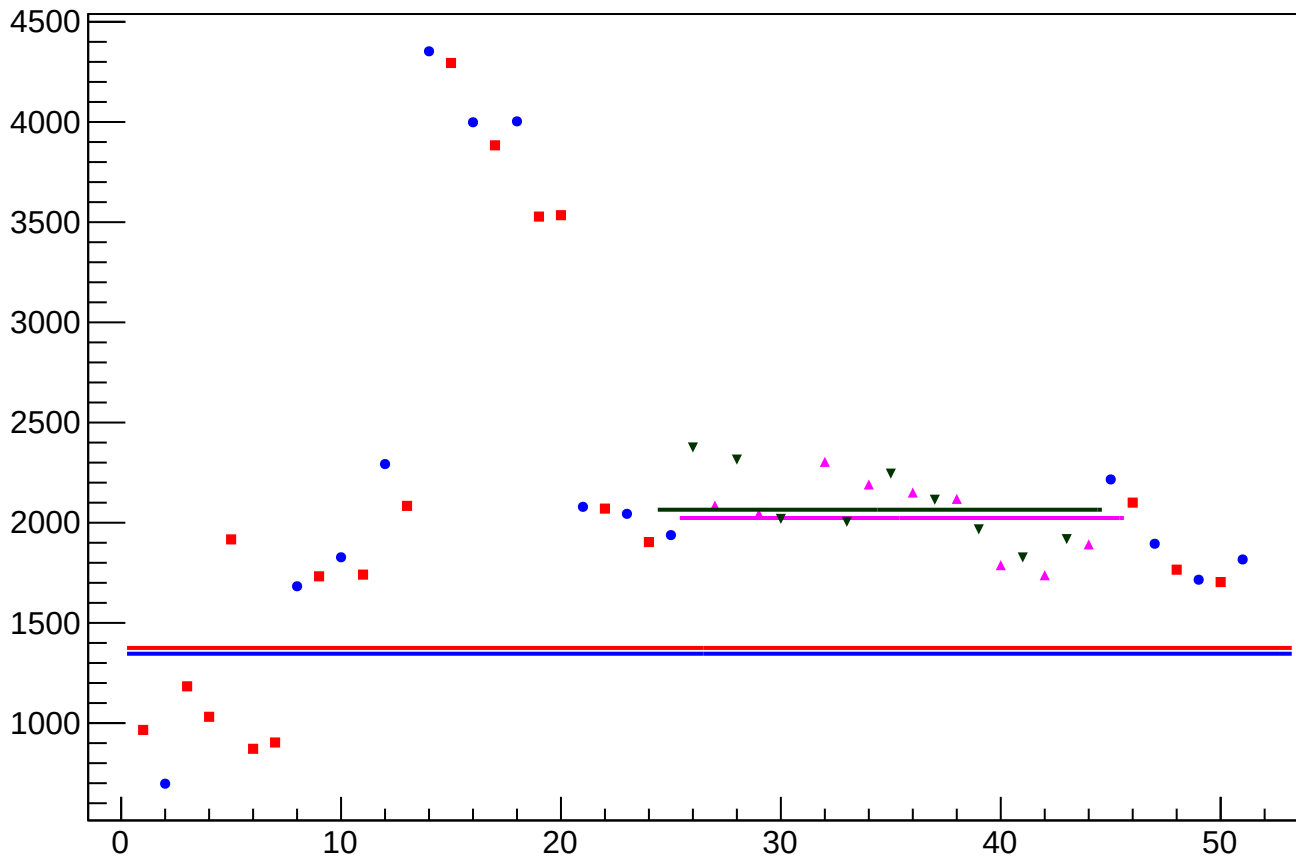
Left Out: -461.681 ± 939.996 χ^2/NDF : 5.7/8

Right Out: 154.312 ± 519.493 χ^2/NDF : 24.9/17

Left In: -886.546 ± 856.447 χ^2/NDF : 11.1/8

593.276 ± 316.173 χ^2/NDF : 73.6/49

asym_sam8_rms vs slug



Right In: 1346.172 $\pm$ 0.363 χ^2 /NDF: 4712021.0/13

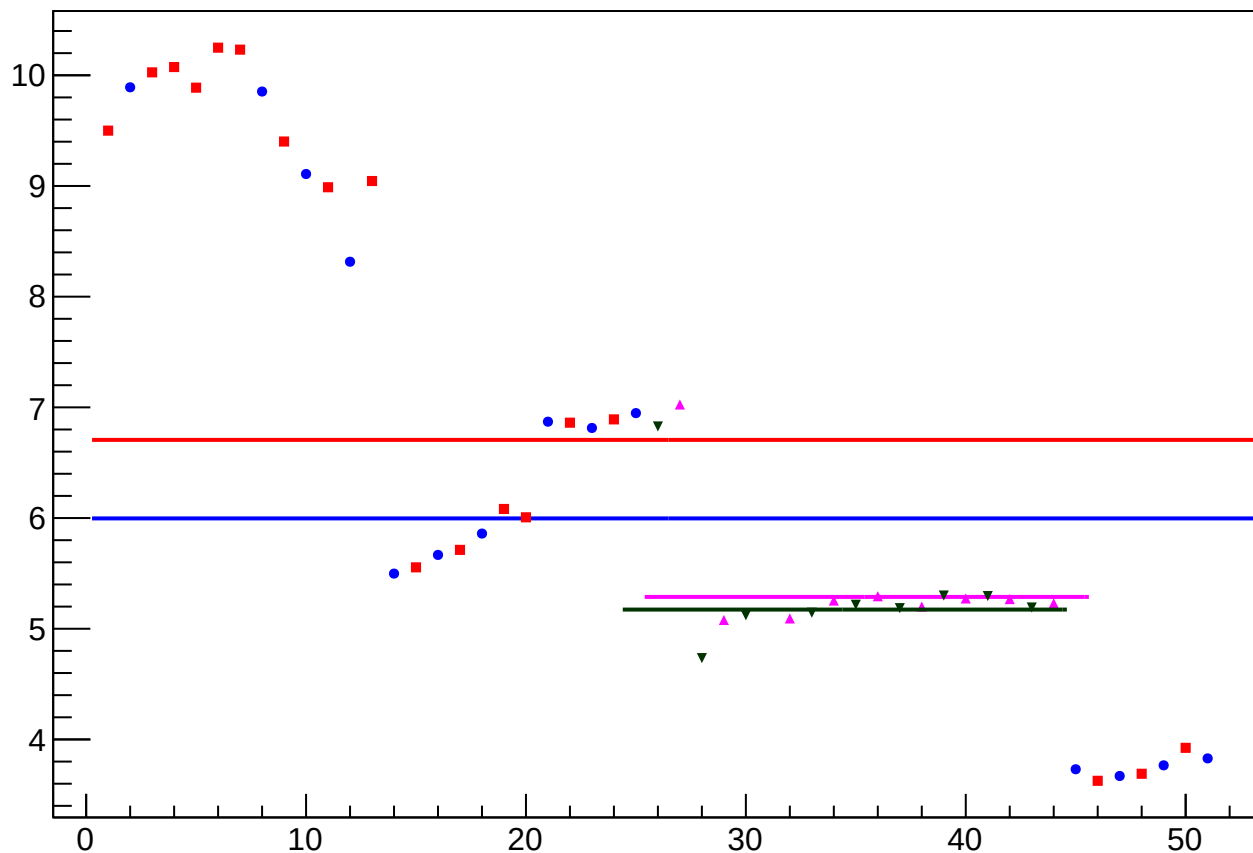
Left Out: 2064.944 $\pm$ 0.665 χ^2 /NDF: 70444.9/8

Right Out: 1375.094 $\pm$ 0.367 χ^2 /NDF: 2970254.0/17

Left In: 2023.521 $\pm$ 0.606 χ^2 /NDF: 89774.9/8

1530.516 $\pm$ 0.224 χ^2 /NDF: 9589185.4/49

yield_sam1_mean vs slug



Right In: 5.997 $\pm$ 0.000 χ^2 /NDF: 145124112129.2/13

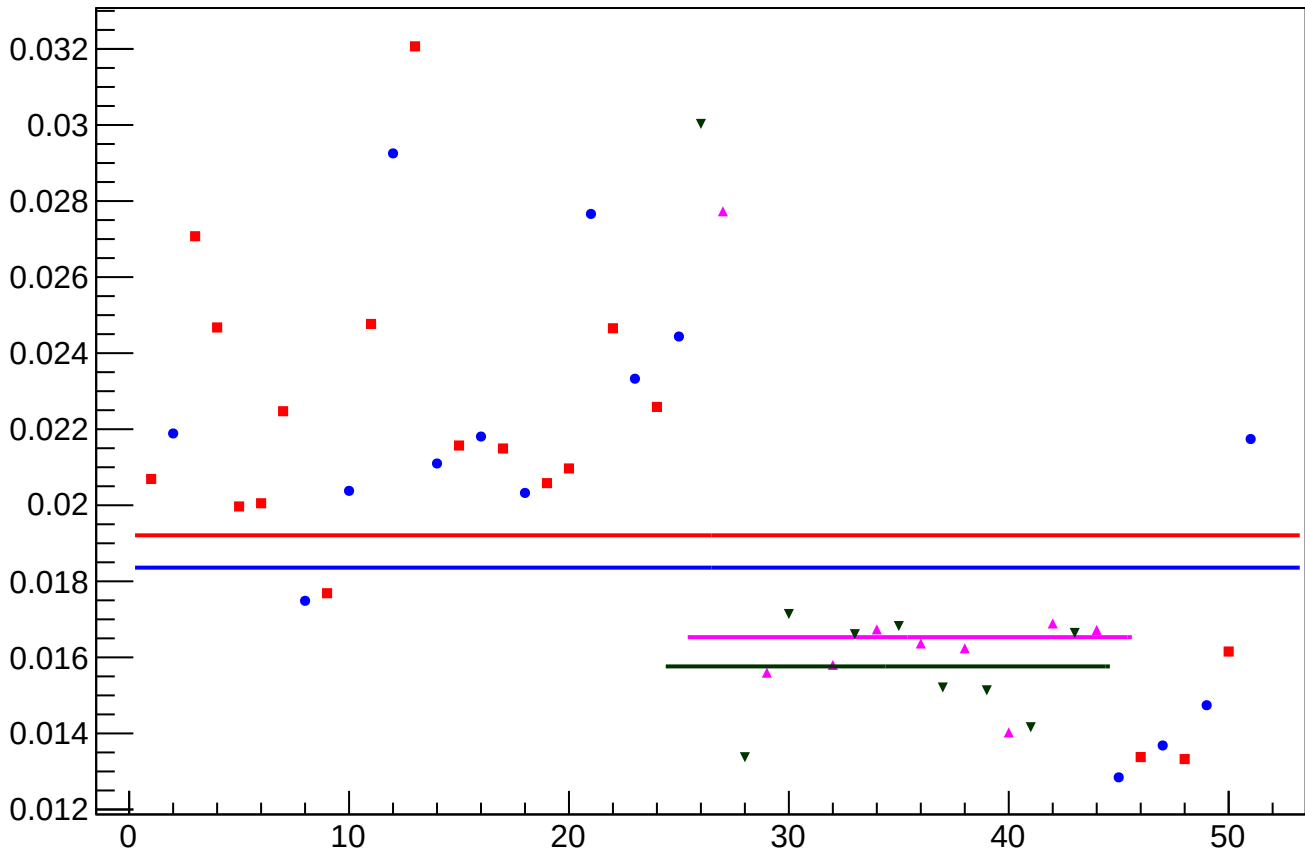
Left Out: 5.173 $\pm$ 0.000 χ^2 /NDF: 2171910592.0/8

Right Out: 6.706 $\pm$ 0.000 χ^2 /NDF: 133905830418.9/17

Left In: 5.287 $\pm$ 0.000 χ^2 /NDF: 3281290033.8/8

5.832 $\pm$ 0.000 χ^2 /NDF: 314406266061.1/49

yield_sam1_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 962578.1/13

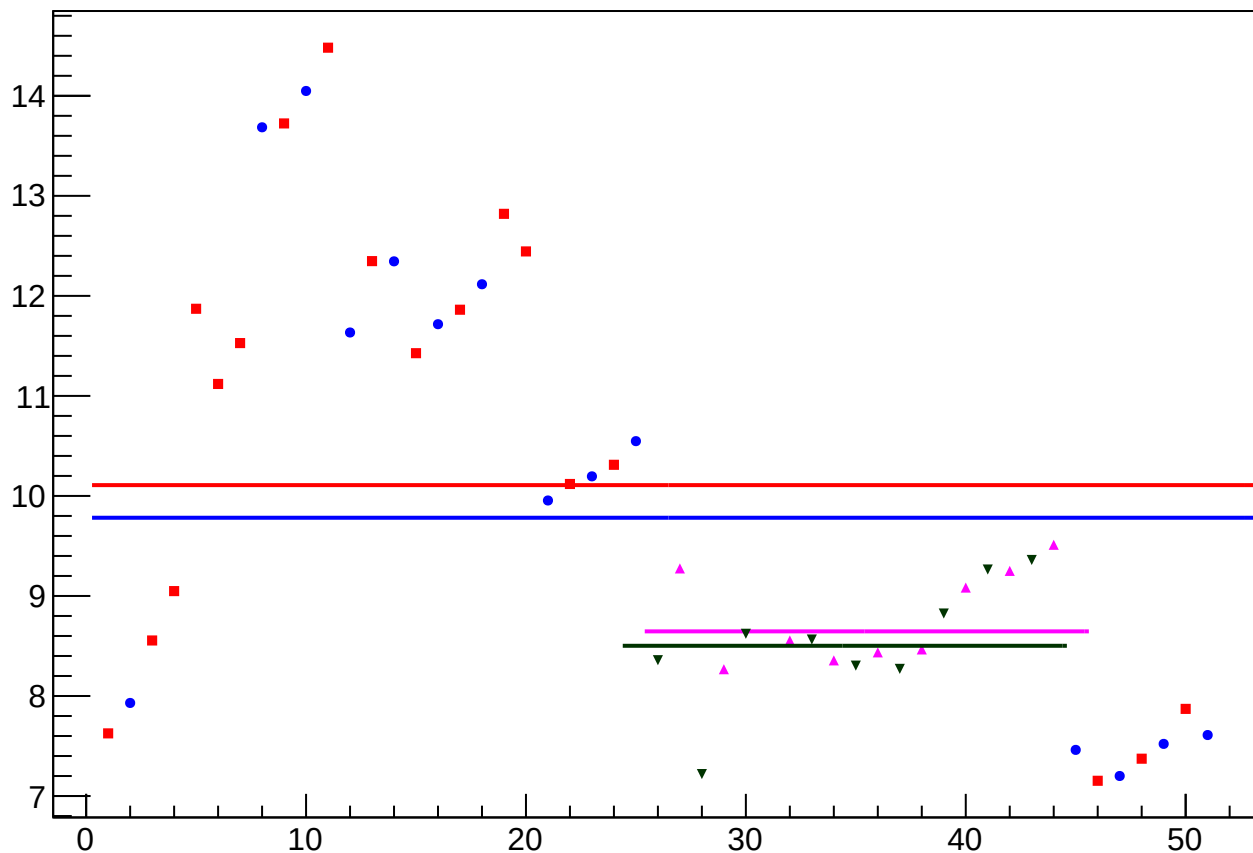
Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

0.018+/-0.000 χ^2/NDF : 2597640.9/49

Right Out: 0.019+/-0.000 χ^2/NDF : 759898.1/17

Left In: 0.017+/-0.000 χ^2/NDF : 288822.9/8

yield_sam2_mean vs slug



Right In: 9.782 $\pm$ 0.000 χ^2 /NDF: 2371444072.4/13

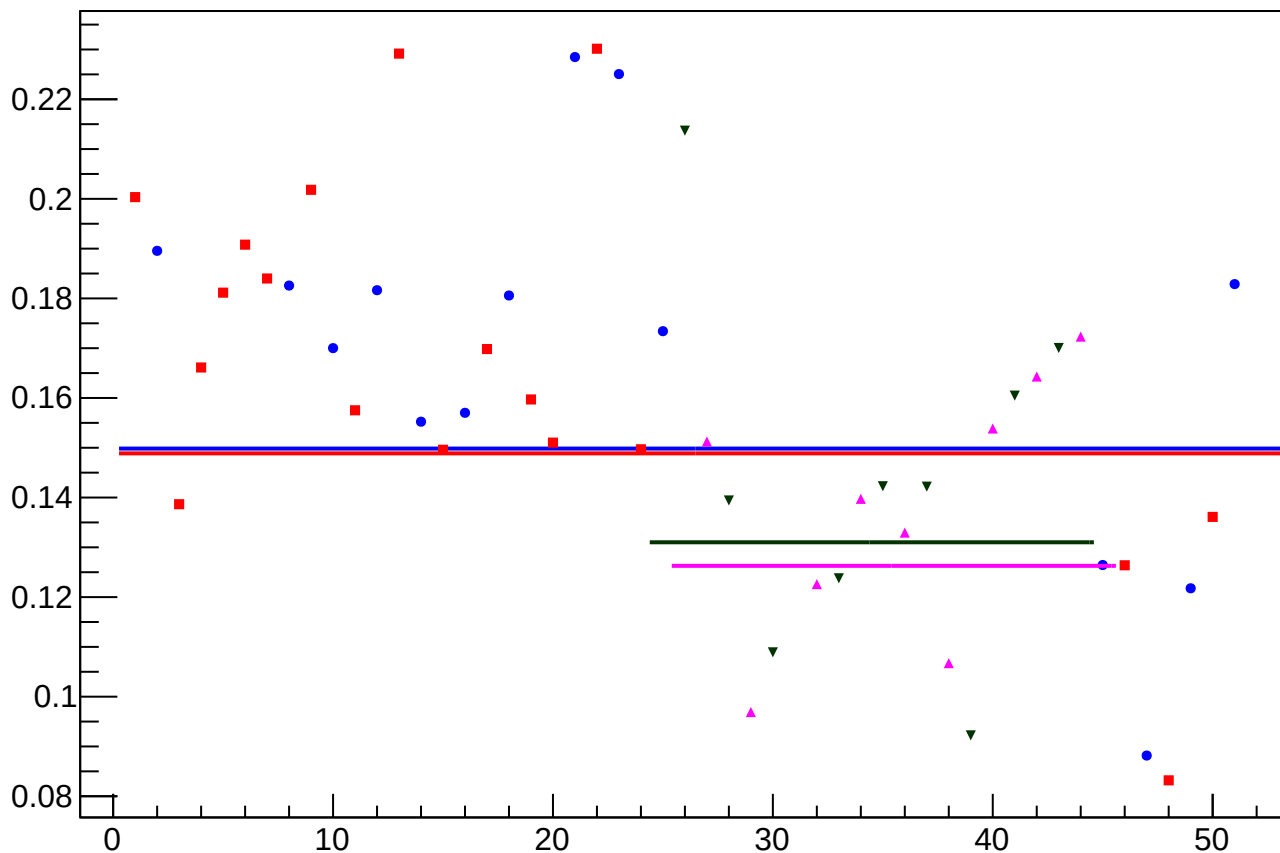
Left Out: 8.502 $\pm$ 0.000 χ^2 /NDF: 87030324.5/8

Right Out: 10.108 $\pm$ 0.000 χ^2 /NDF: 2065172048.1/17

9.332 $\pm$ 0.000 χ^2 /NDF: 5183031838.5/49

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53831868.3/8

yield_sam2_rms vs slug



Right In: 0.150 $\pm$ 0.000 χ^2 /NDF: 1078362.9/13

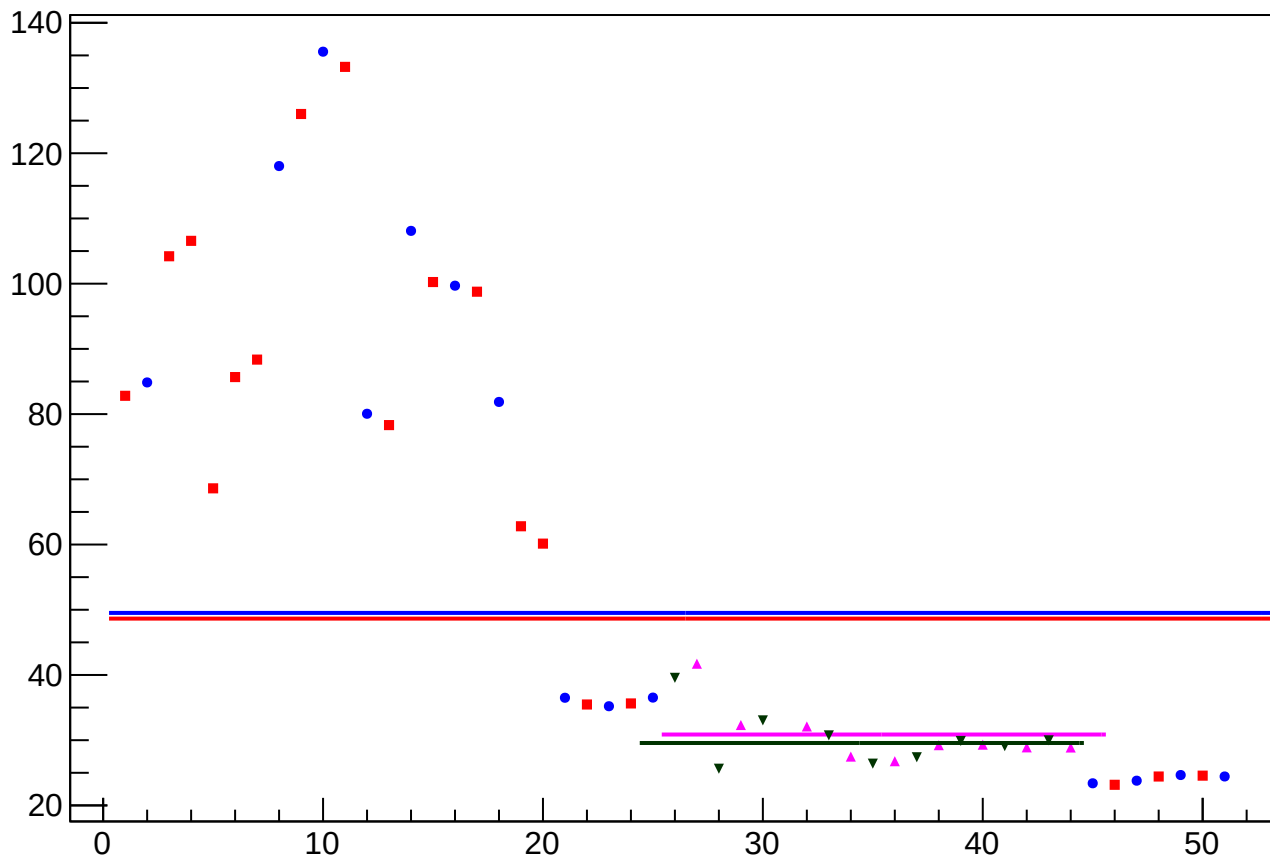
Left Out: 0.131 $\pm$ 0.000 χ^2 /NDF: 439839.4/8

Right Out: 0.149 $\pm$ 0.000 χ^2 /NDF: 1044749.7/17

Left In: 0.126 $\pm$ 0.000 χ^2 /NDF: 385330.3/8

0.140 $\pm$ 0.000 χ^2 /NDF: 3234182.7/49

yield_sam3_mean vs slug



Right In: 49.516+/-0.000 χ^2/NDF : 21160613385.4/13

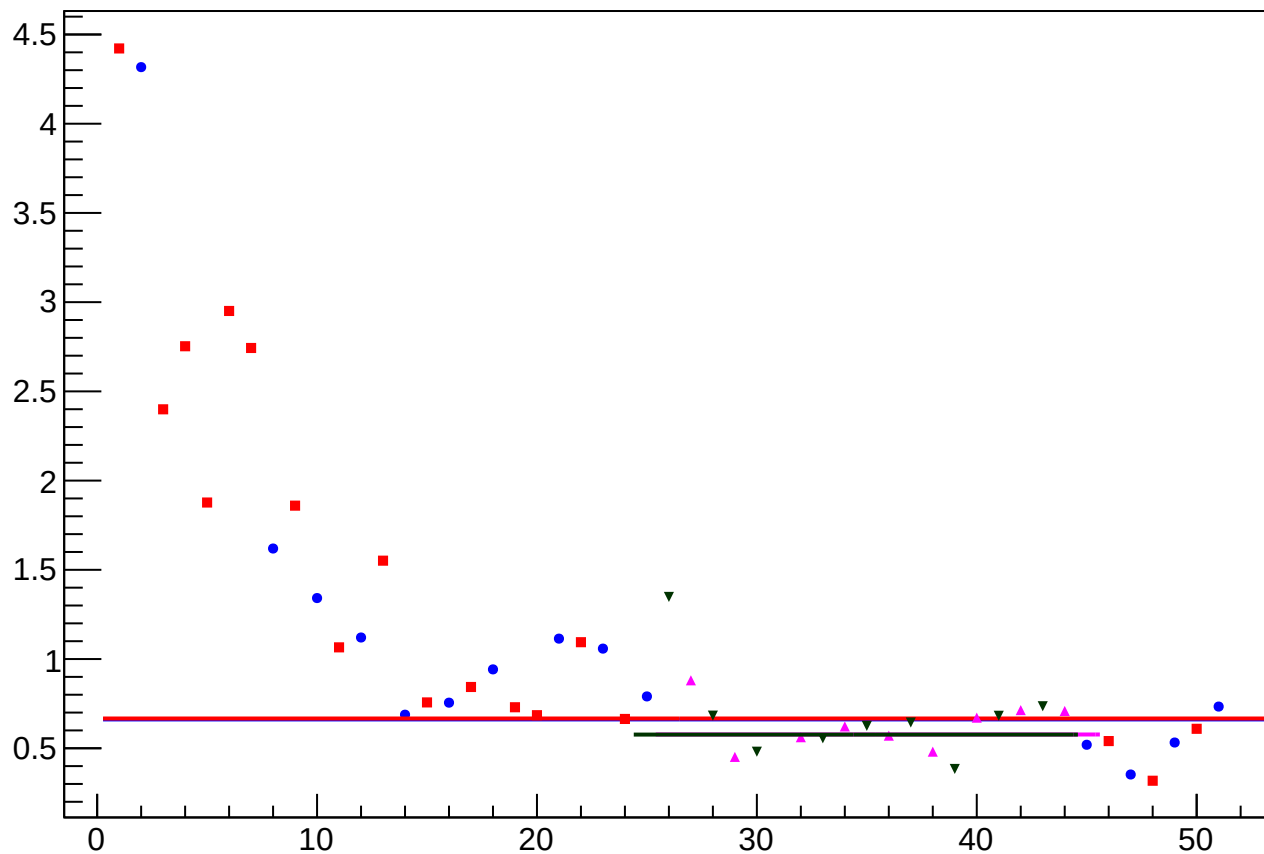
Left Out: 29.571+/-0.000 χ^2/NDF : 93290313.8/8

Right Out: 48.643+/-0.000 χ^2/NDF : 15100438091.8/17

Left In: 30.869+/-0.000 χ^2/NDF : 179537266.9/8

39.767+/-0.000 χ^2/NDF : 41507565277.5/49

yield_sam3_rms vs slug



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3816502.2/13

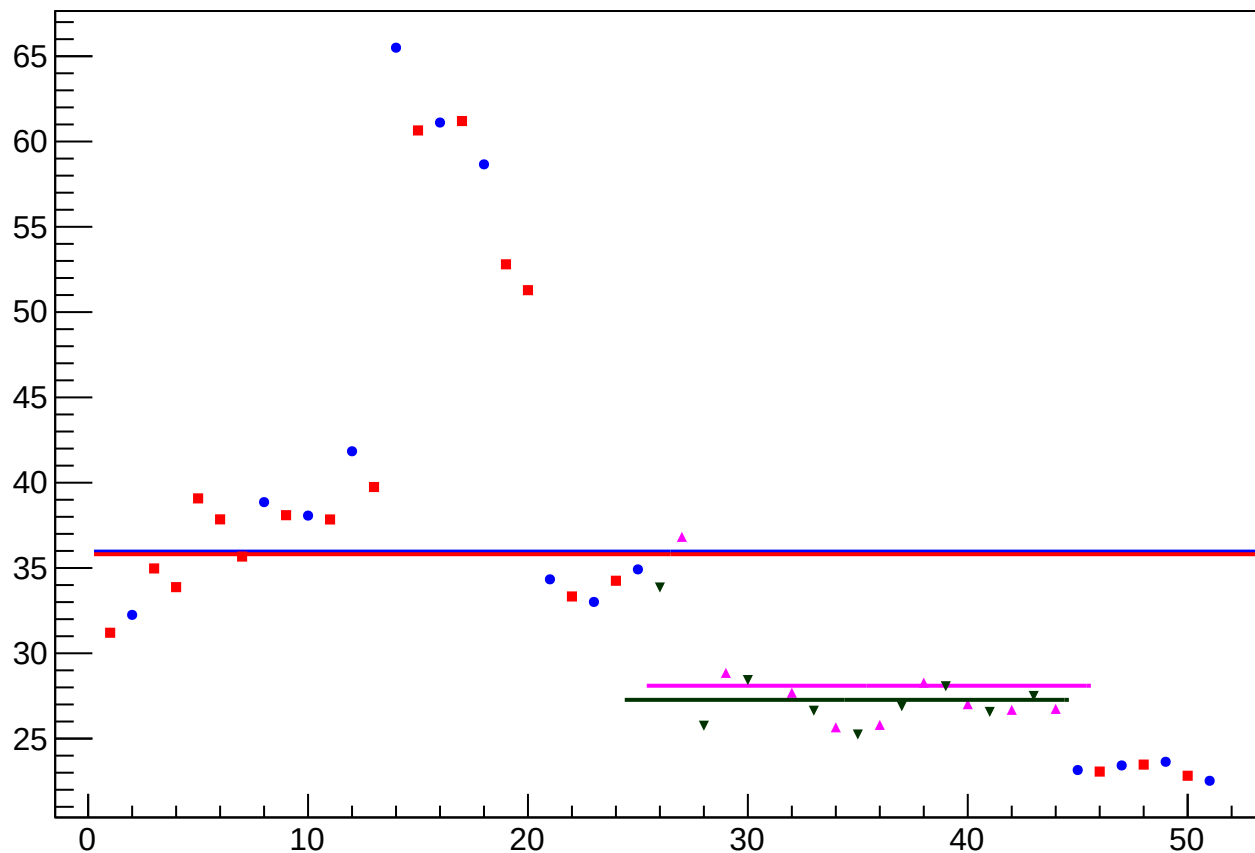
Left Out: 0.577 $\pm$ 0.000 χ^2 /NDF:676625.4/8

Right Out: 0.667 $\pm$ 0.000 χ^2 /NDF: 4770517.1/17

Left In: 0.577 $\pm$ 0.000 χ^2 /NDF:428935.9/8

0.621 $\pm$ 0.000 χ^2 /NDF: 9904219.6/49

yield_sam4_mean vs slug



Right In: 35.960+/-0.000 χ^2/NDF : 14277324582.7/13

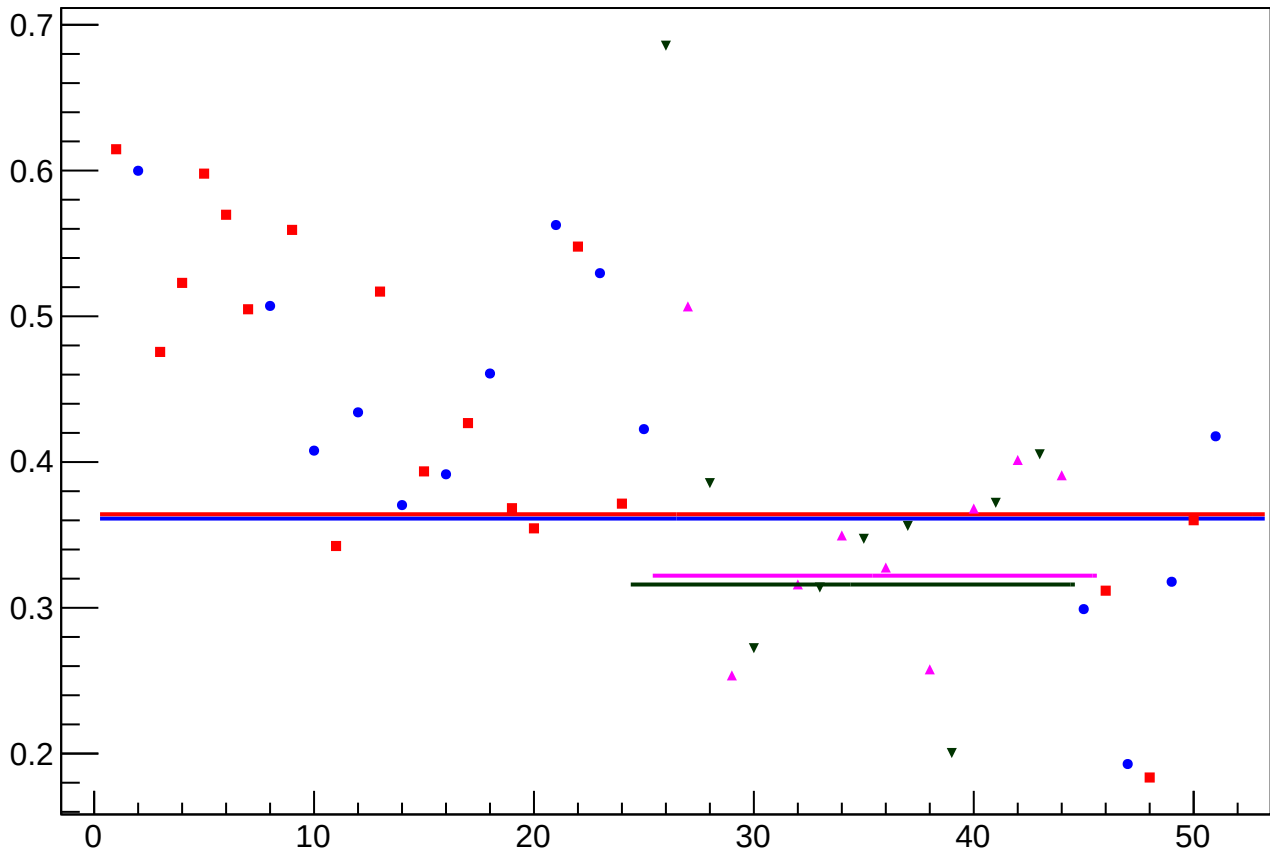
Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

Right Out: 35.808+/-0.000 χ^2/NDF : 8705836003.7/17

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

32.258+/-0.000 χ^2/NDF : 26776280033.3/49

yield_sam4_rms vs slug



Right In: 0.361 $\pm$ 0.000 χ^2 /NDF: 1580667.6/13

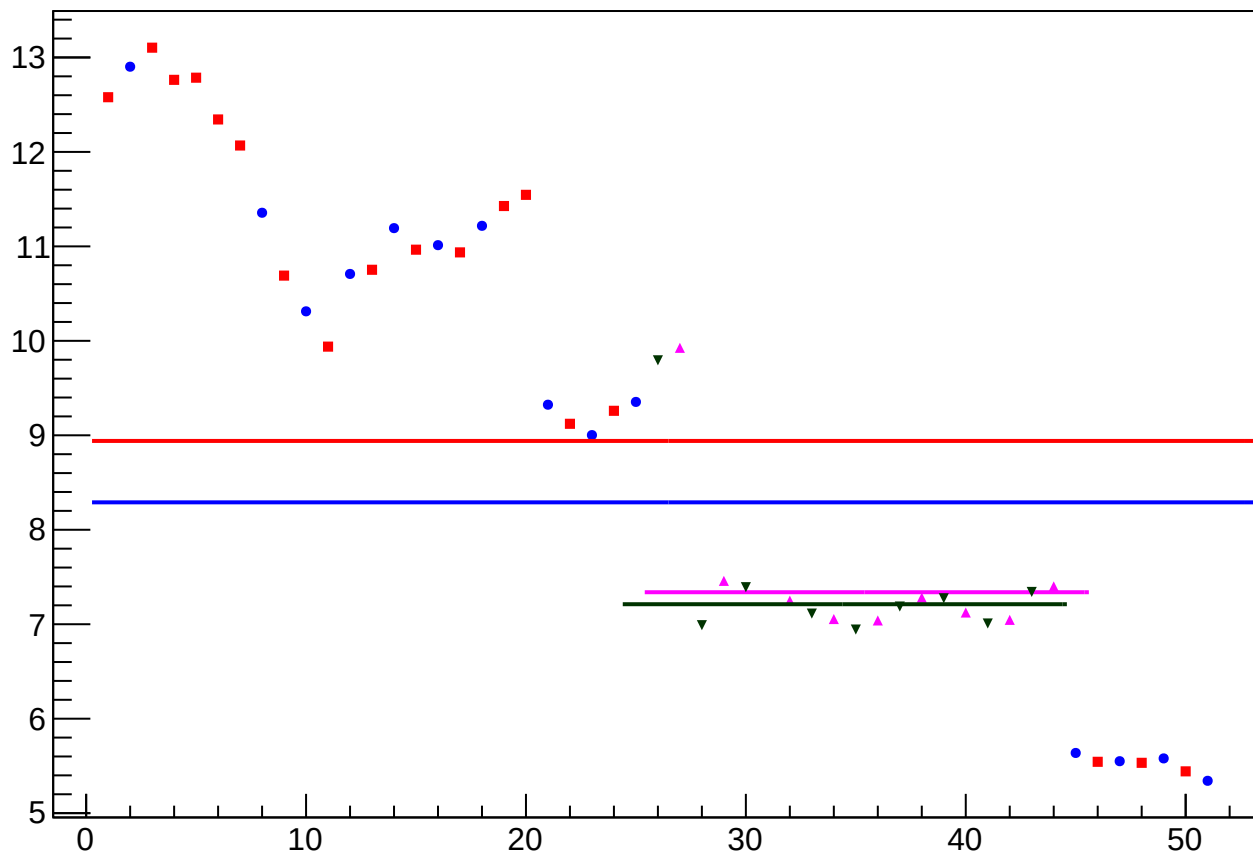
Left Out: 0.316 $\pm$ 0.000 χ^2 /NDF: 714939.2/8

0.343 $\pm$ 0.000 χ^2 /NDF: 4644978.0/49

Right Out: 0.364 $\pm$ 0.000 χ^2 /NDF: 1694480.4/17

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461584.6/8

yield_sam5_mean vs slug



Right In: 8.290 $\pm$ 0.000 χ^2 /NDF: 100418665685.1/13

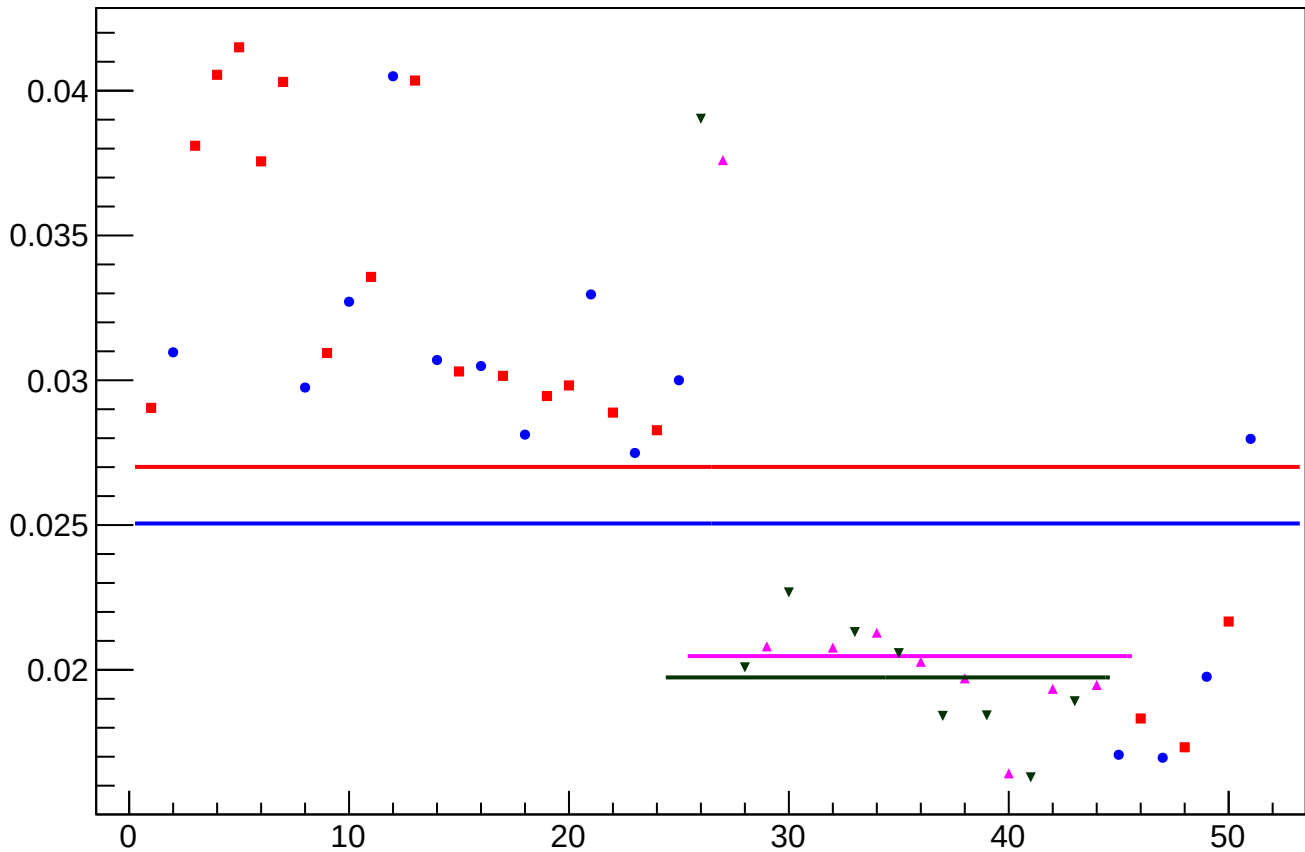
Left Out: 7.212 $\pm$ 0.000 χ^2 /NDF: 2423843108.1/8

Right Out: 8.940 $\pm$ 0.000 χ^2 /NDF: 80748211897.4/17

Left In: 7.339 $\pm$ 0.000 χ^2 /NDF: 4002198010.6/8

7.922 $\pm$ 0.000 χ^2 /NDF: 210056270294.6/49

yield_sam5_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 1169166.3/13

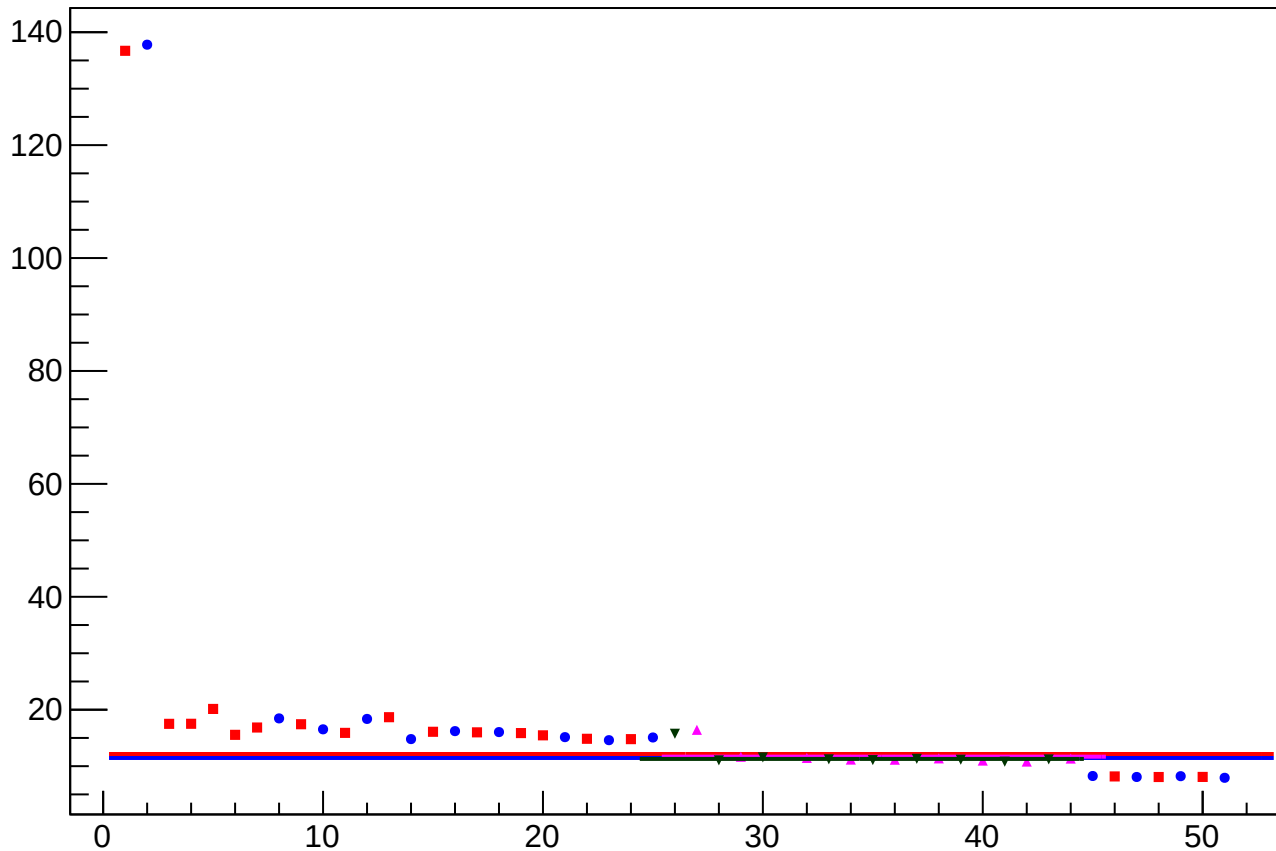
Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

0.023+/-0.000 χ^2/NDF : 3729062.7/49

Right Out: 0.027+/-0.000 χ^2/NDF : 1016256.0/17

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

yield_sam6_mean vs slug



Right In: 11.452+/-0.000 χ^2/NDF : 39275226094.4/13

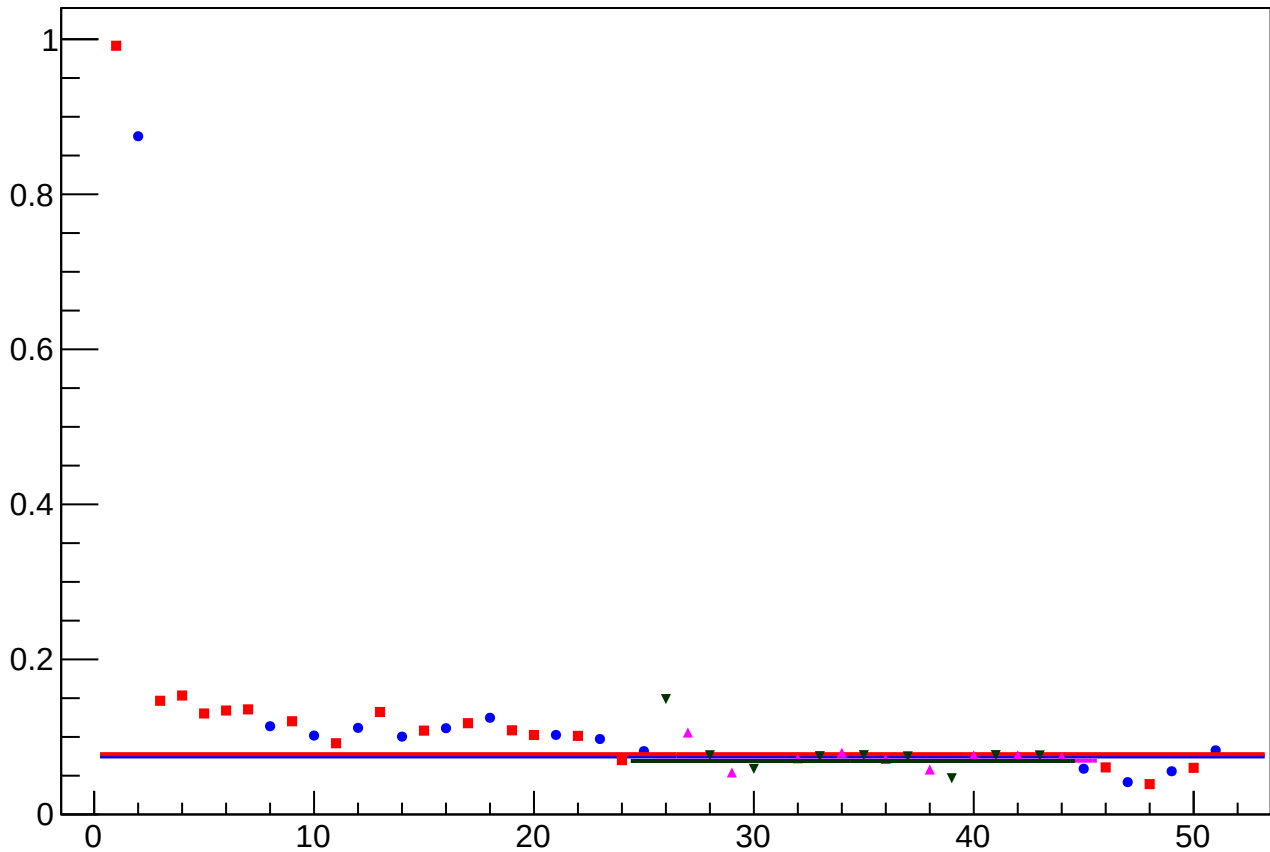
Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

11.651+/-0.000 χ^2/NDF : 66996161769.8/49

Right Out: 12.156+/-0.000 χ^2/NDF : 25041127081.7/17

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

yield_sam6_rms vs slug



Right In: 0.075+/-0.000 χ^2/NDF : 3387636.4/13

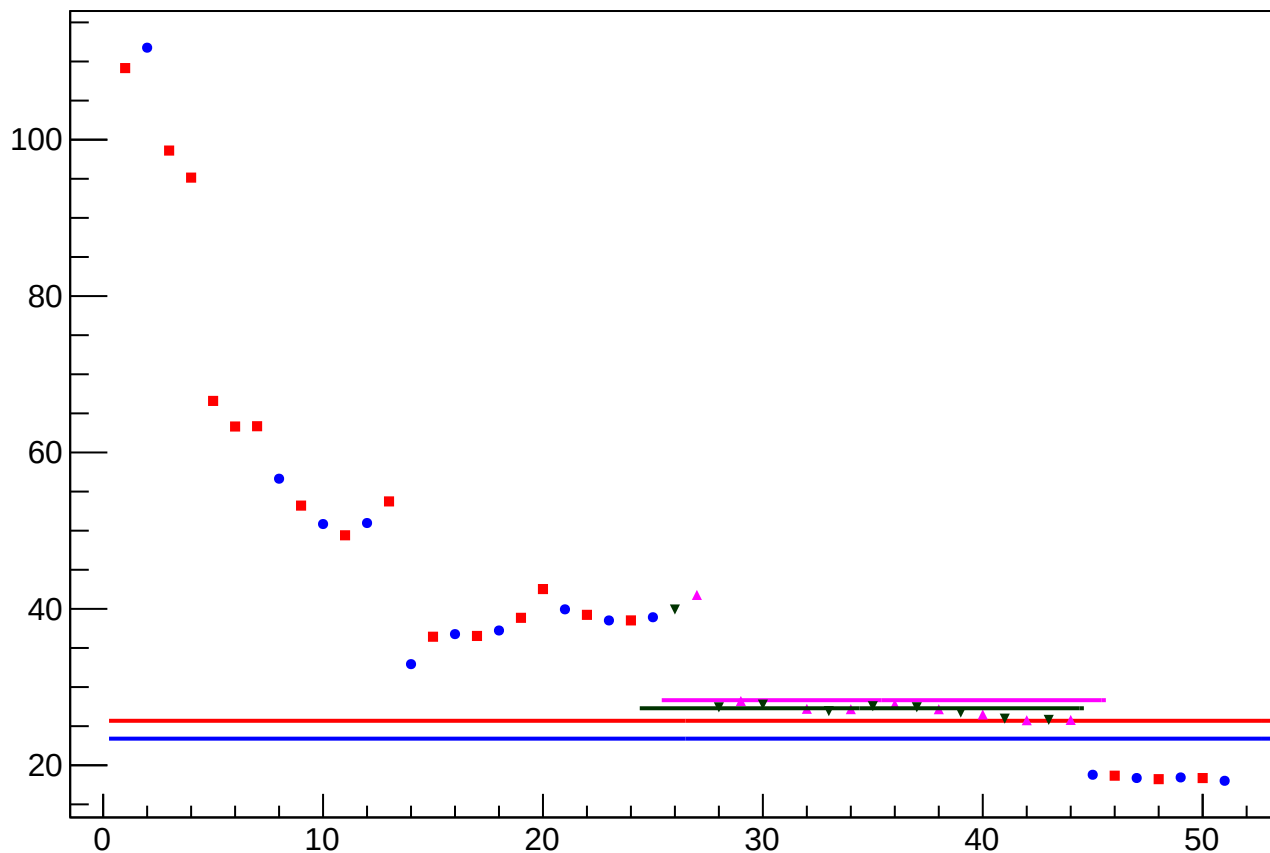
Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

0.073+/-0.000 χ^2/NDF : 7571180.2/49

Right Out: 0.078+/-0.000 χ^2/NDF : 3142205.0/17

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

yield_sam7_mean vs slug



Right In: 23.403+/-0.000 χ^2 /NDF: 71898005026.4/13

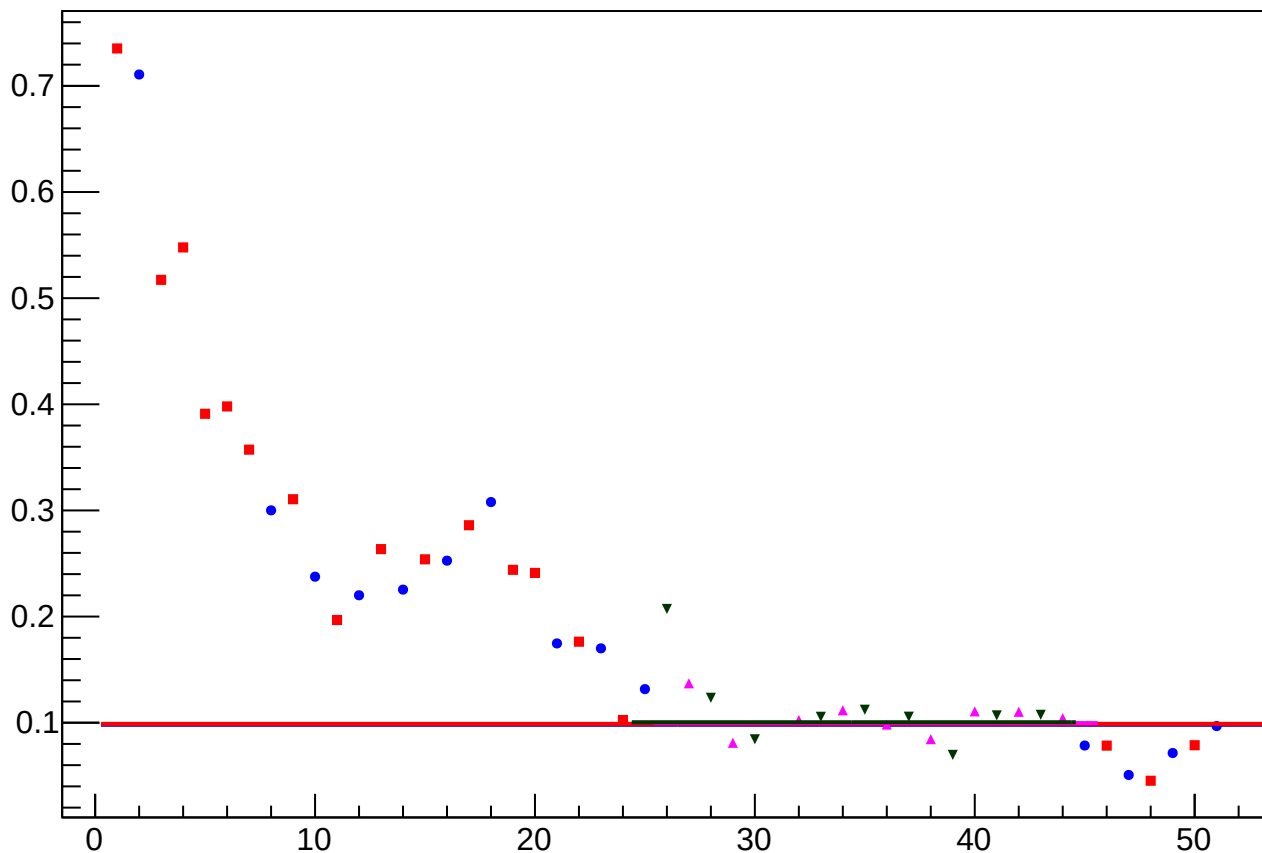
Left Out: 27.289+/-0.000 χ^2 /NDF:1982133147.3/8

Right Out: 25.687+/-0.000 χ^2 /NDF: 81301709884.1/17

Left In: 28.322+/-0.000 χ^2 /NDF:8116600744.9/8

26.029+/-0.000 χ^2 /NDF: 170746575705.8/49

yield_sam7_rms vs slug



Right In: 0.098+/-0.000 χ^2/NDF : 5982292.6/13

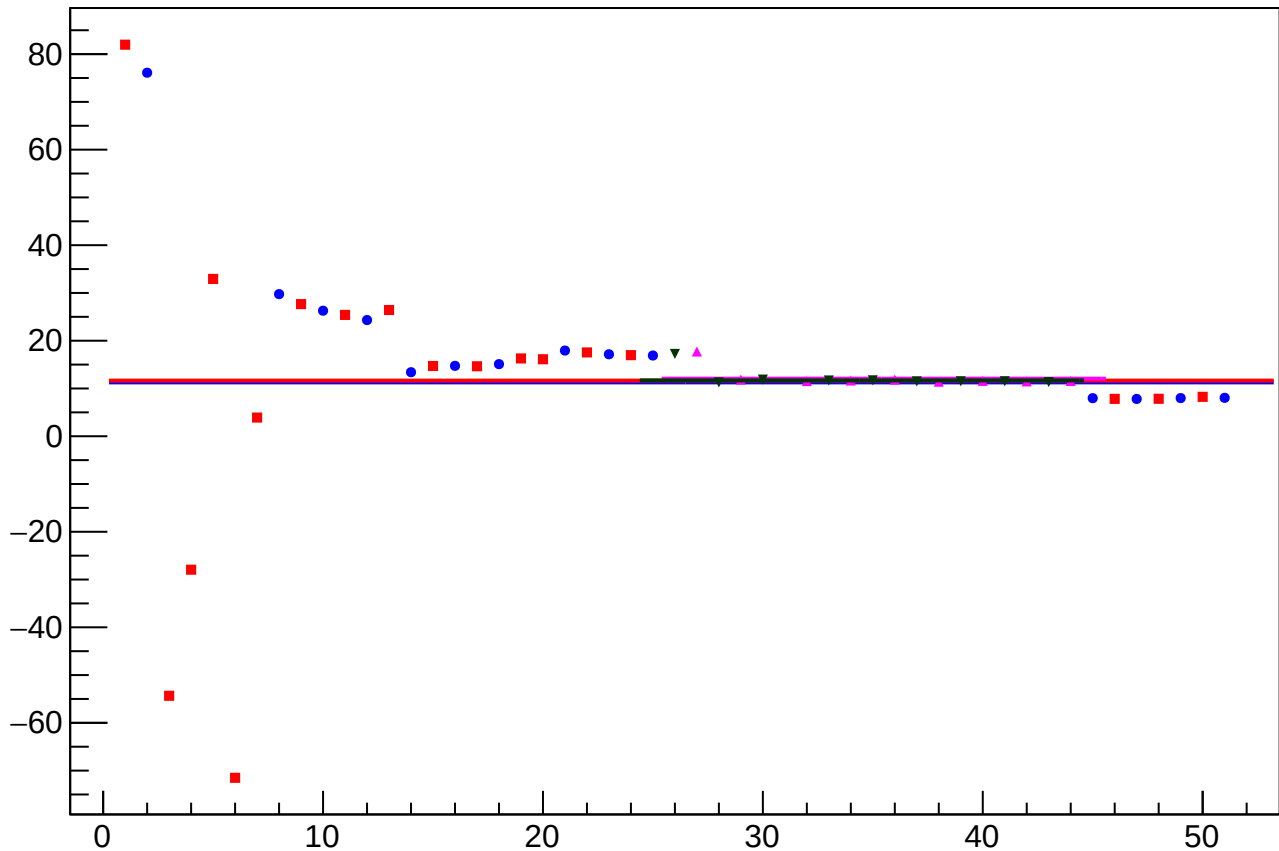
Left Out: 0.100+/-0.000 χ^2/NDF : 510789.5/8

Right Out: 0.099+/-0.000 χ^2/NDF : 6702352.6/17

Left In: 0.100+/-0.000 χ^2/NDF : 255423.8/8

0.099+/-0.000 χ^2/NDF : 13454070.6/49

yield_sam8_mean vs slug



Right In: 11.277+/-0.000 χ^2/NDF : 163523194696.3/13

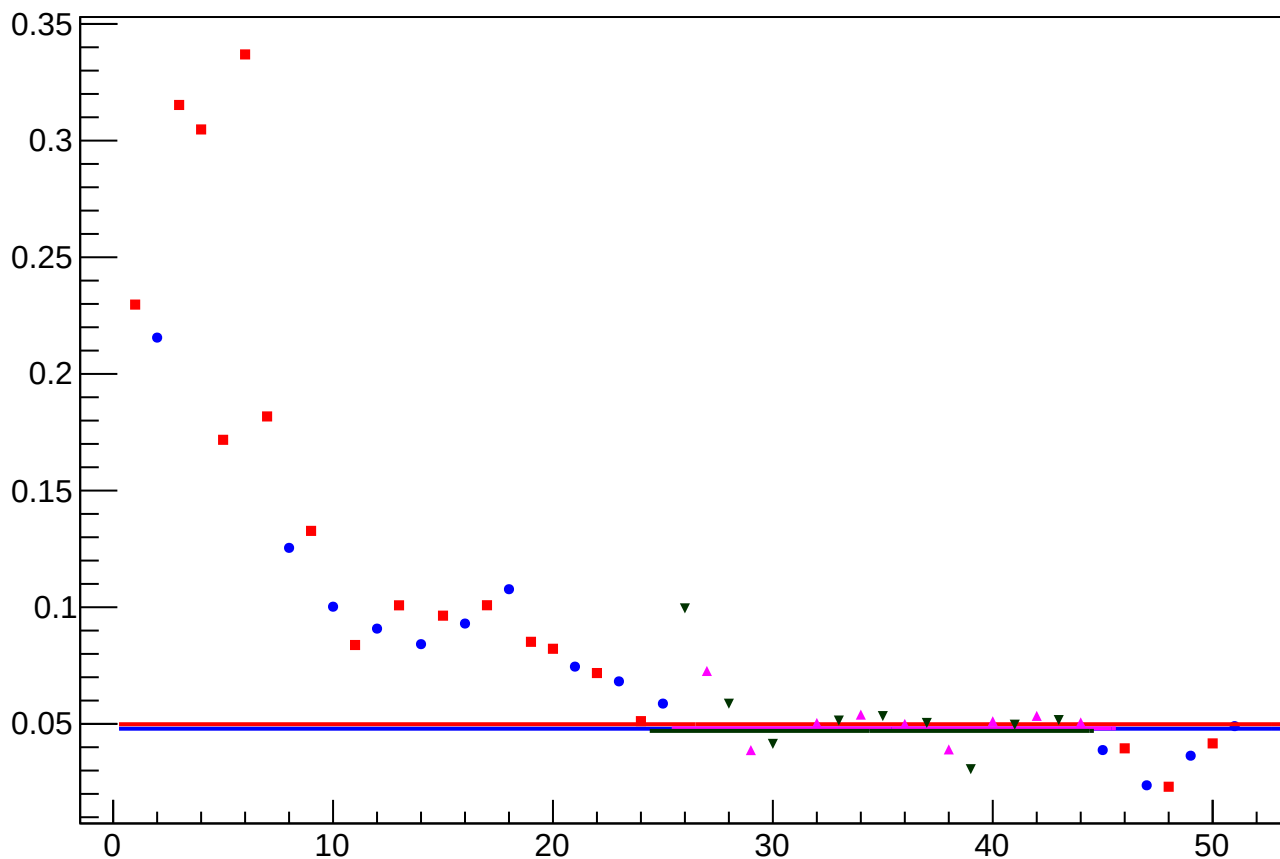
Left Out: 11.692+/-0.000 χ^2/NDF : 1573980124.5/8

Right Out: 11.644+/-0.000 χ^2/NDF : 166424892526.4/17

11.644+/-0.000 χ^2/NDF : 337371450718.3/49

Left In: 12.055+/-0.000 χ^2/NDF : 5109211939.8/8

yield_sam8_rms vs slug



Right In: 0.048 $\pm$ 0.000 χ^2 /NDF: 4753790.1/13

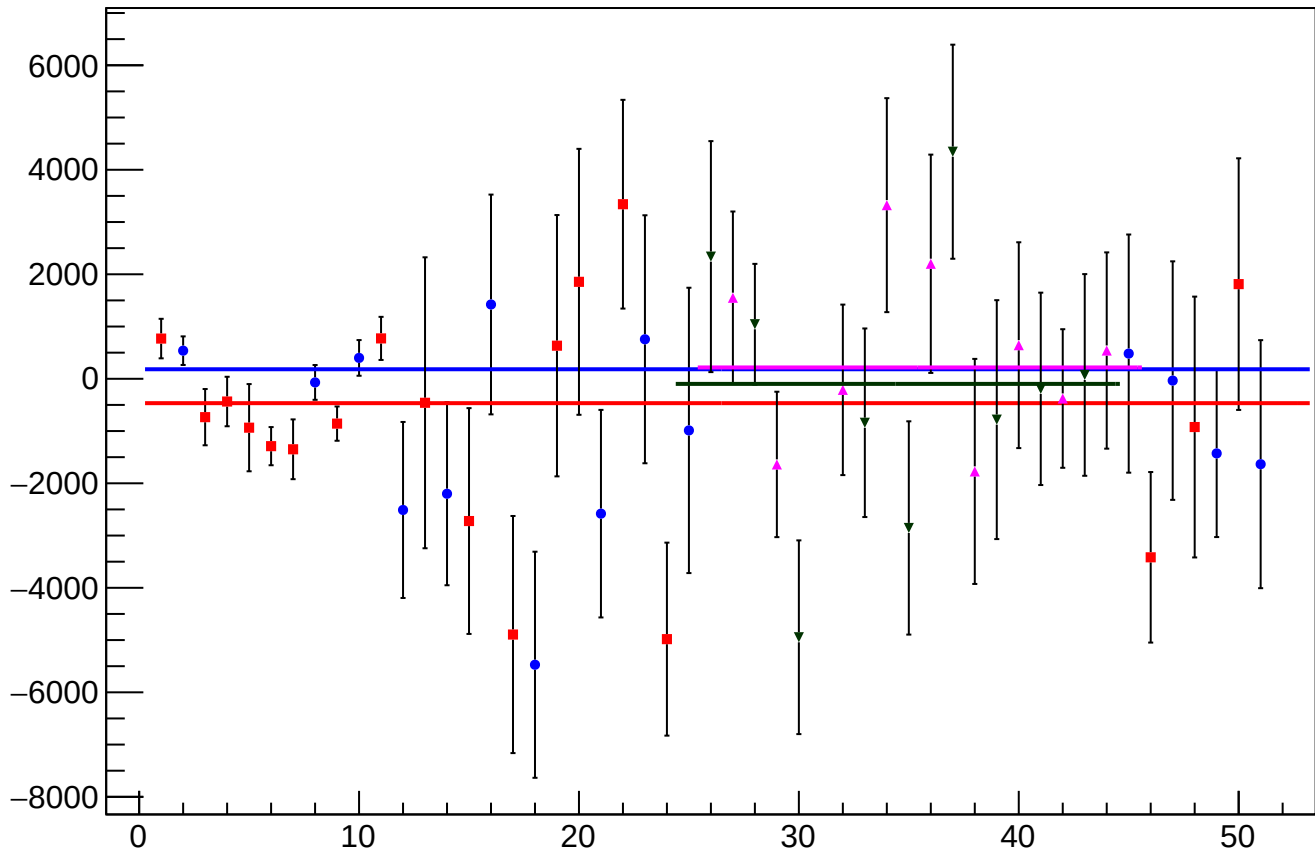
Left Out: 0.047 $\pm$ 0.000 χ^2 /NDF:613205.8/8

Right Out: 0.050 $\pm$ 0.000 χ^2 /NDF: 5635653.9/17

Left In: 0.048 $\pm$ 0.000 χ^2 /NDF:348771.4/8

0.048 $\pm$ 0.000 χ^2 /NDF: 11368677.0/49

cor_sam1_mean vs slug



Right In: 182.428+/-172.492 χ^2/NDF : 18.1/13

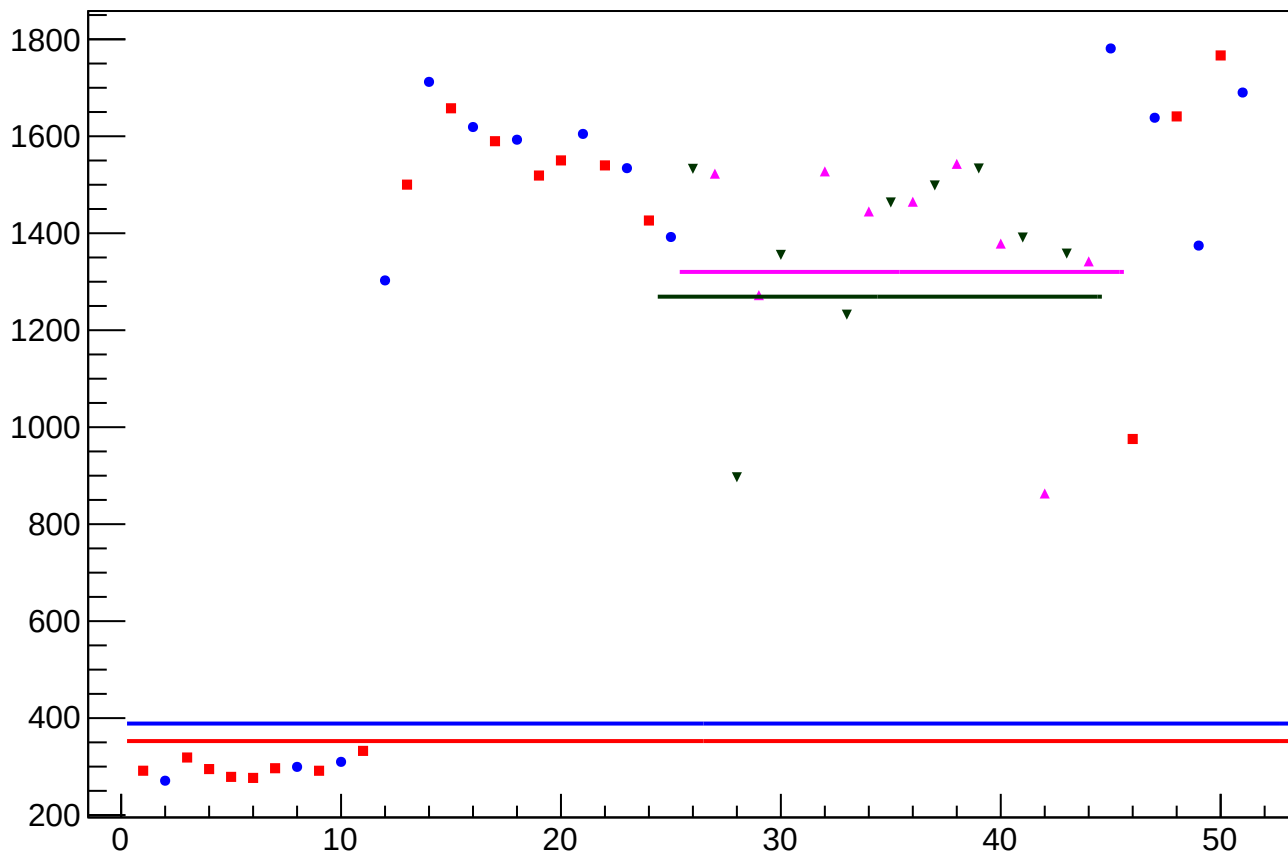
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

Right Out: -466.397+/-150.461 χ^2/NDF : 48.9/17

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

-168.383+/-109.356 χ^2/NDF : 98.1/49

cor_sam1_rms vs slug



Right In: 388.782 $\pm$ 0.122 χ^2 /NDF: 7849434.8/13

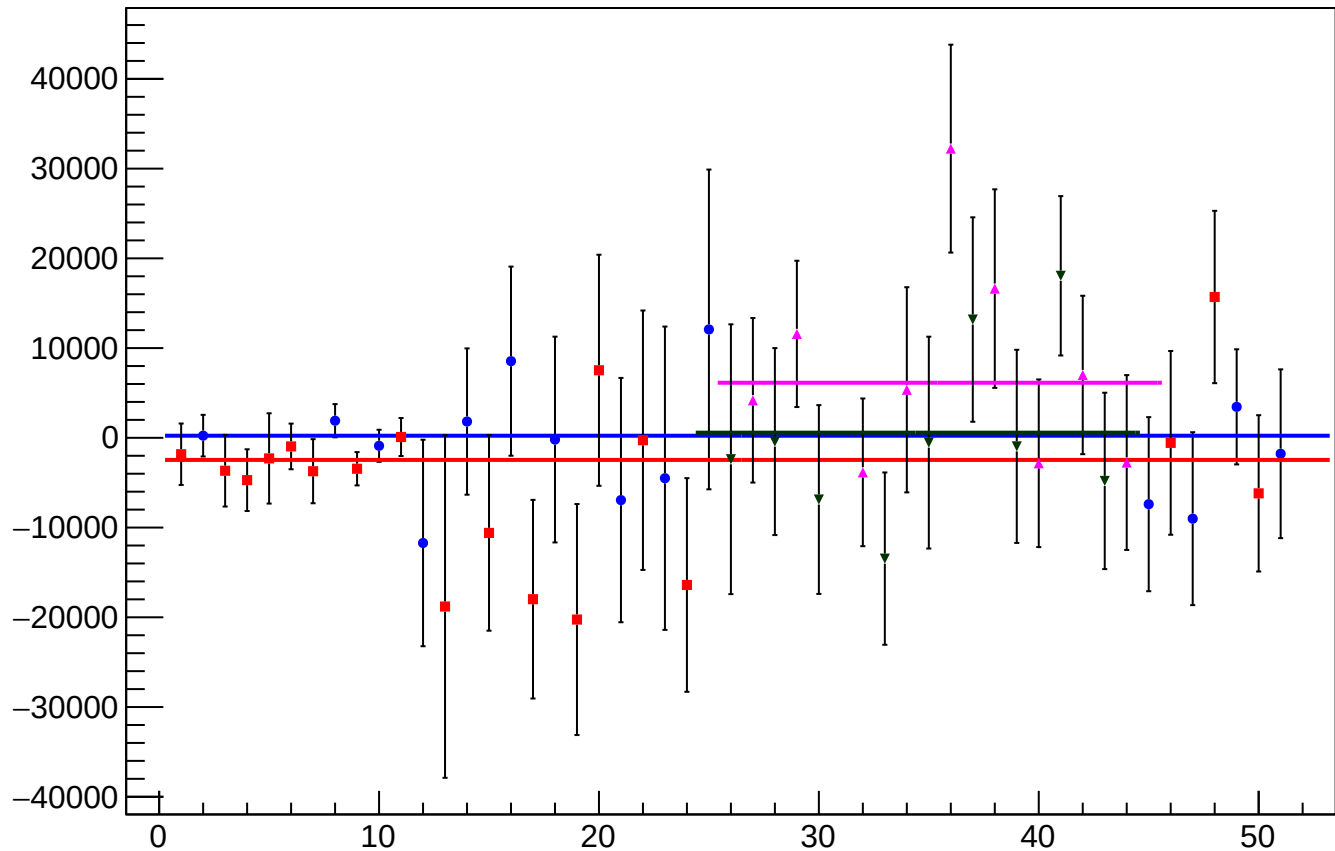
Left Out: 1269.198 $\pm$ 0.424 χ^2 /NDF: 324708.5/8

Right Out: 352.659 $\pm$ 0.106 χ^2 /NDF: 5724852.2/17

Left In: 1320.225 $\pm$ 0.405 χ^2 /NDF: 342760.5/8

433.038 $\pm$ 0.077 χ^2 /NDF: 23645679.9/49

cor_sam2_mean vs slug



Right In: 235.018+/-1054.441 χ^2/NDF : 5.6/13

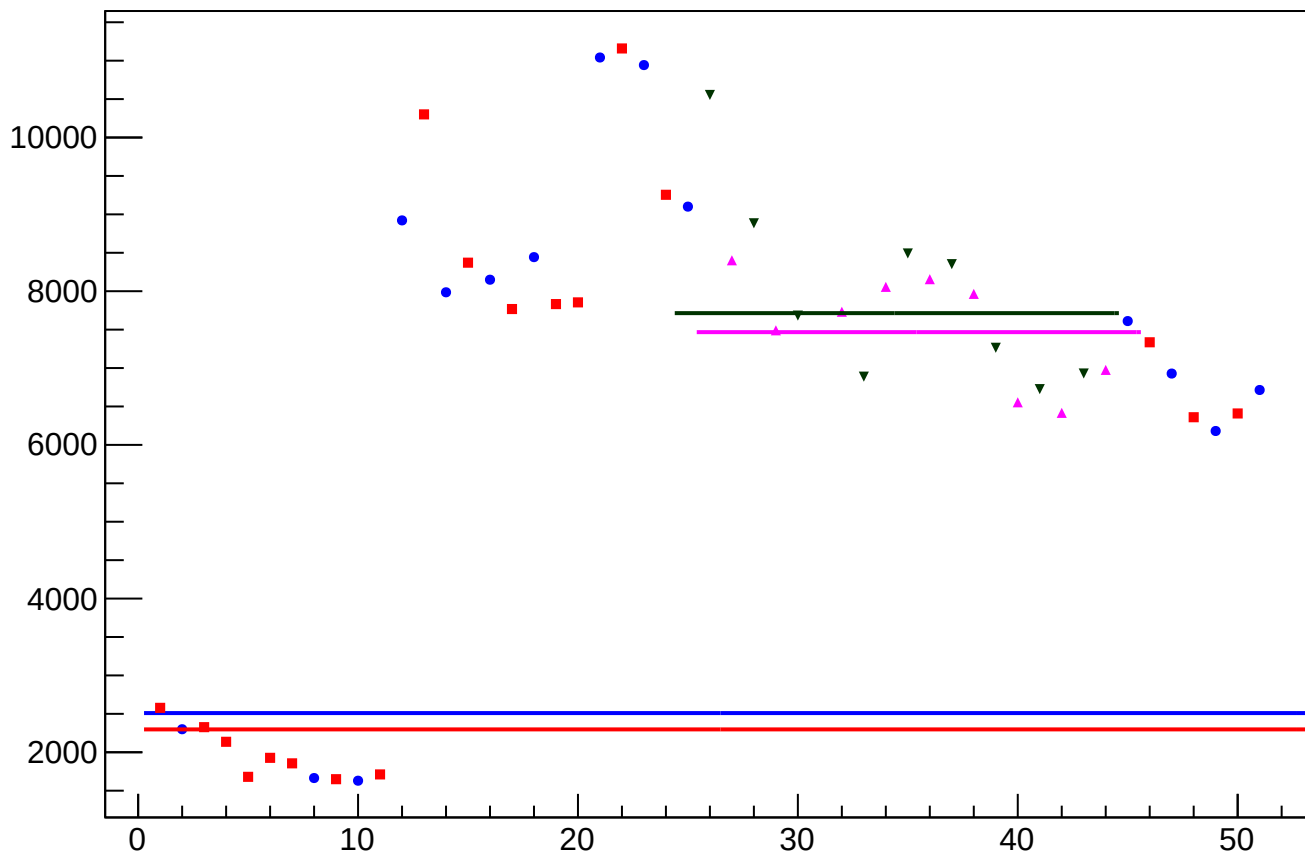
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

-838.664+/-678.209 χ^2/NDF : 46.1/49

Right Out: -2460.494+/-955.737 χ^2/NDF : 13.7/17

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

cor_sam2_rms vs slug



Right In: 2509.896+/-0.746 χ^2/NDF : 7136658.0/13

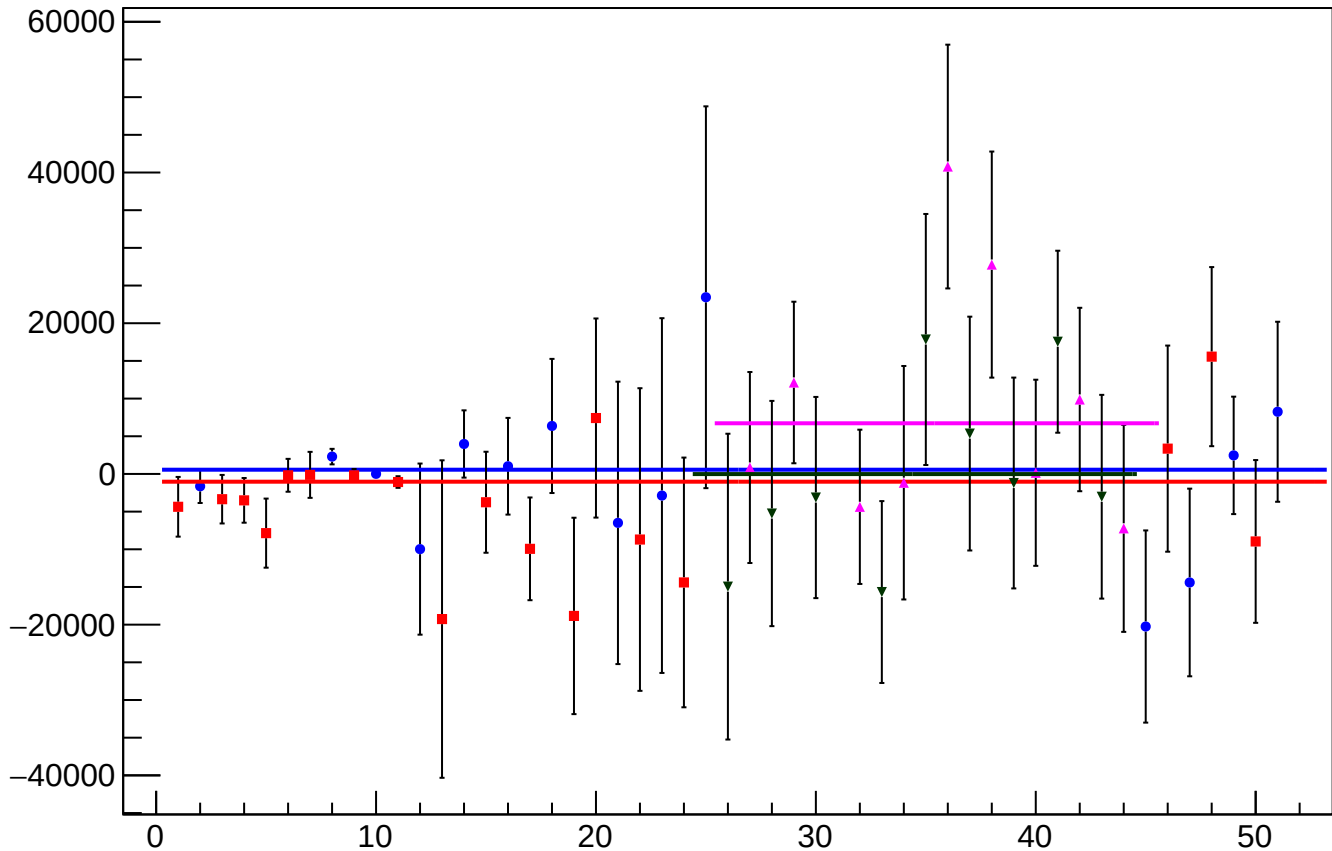
Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

Right Out: 2297.513+/-0.676 χ^2/NDF : 5444362.9/17

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

2822.259+/-0.480 χ^2/NDF : 21759279.8/49

cor_sam3_mean vs slug



Right In: 561.390+/-531.454 χ^2/NDF : 12.0/13

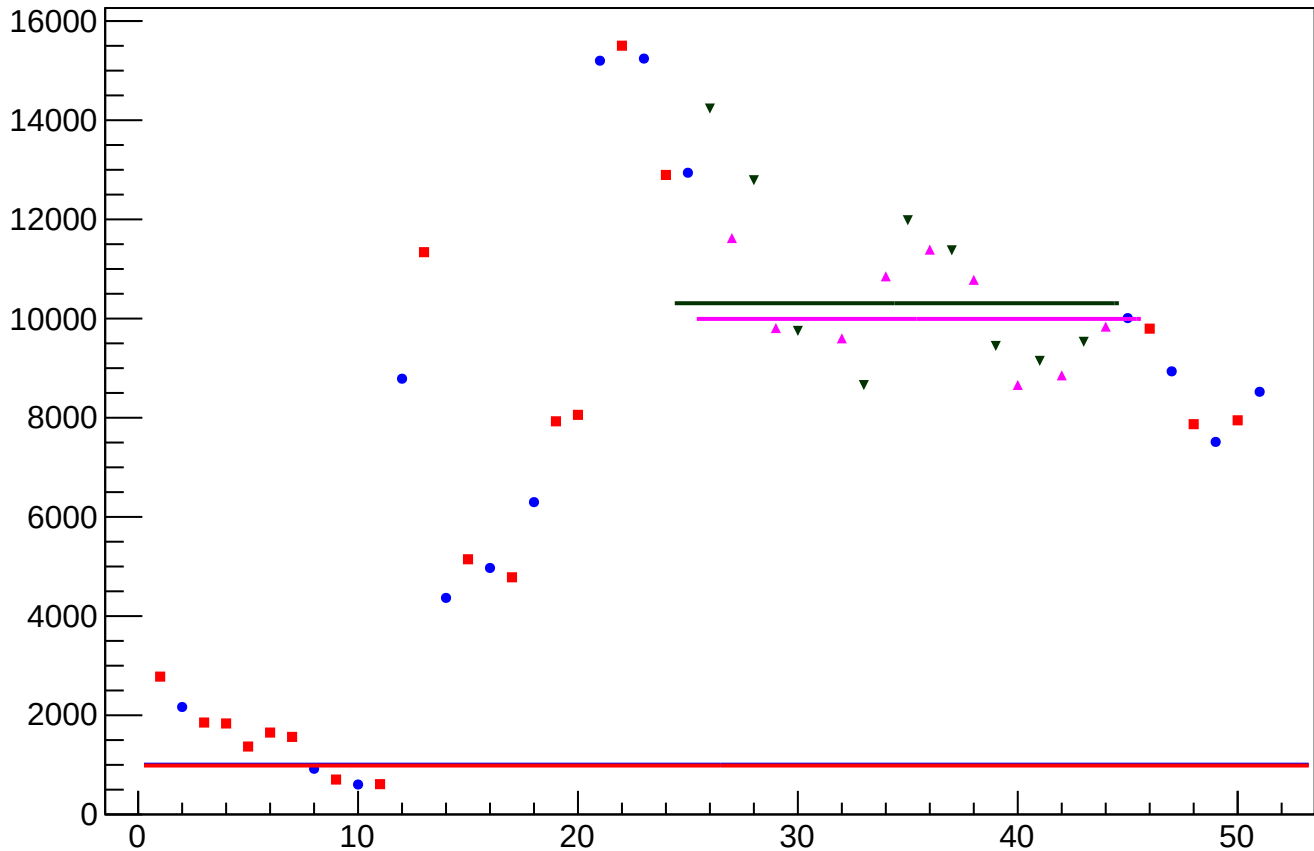
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

-209.923+/-366.316 χ^2/NDF : 48.5/49

Right Out: -1029.592+/-512.206 χ^2/NDF : 13.7/17

Left In: 6722.901+/-4244.094 χ^2/NDF : 9.7/8

cor_sam3_rms vs slug



Right In: 1003.836+/-0.376 χ^2 /NDF: 11152739.1/13

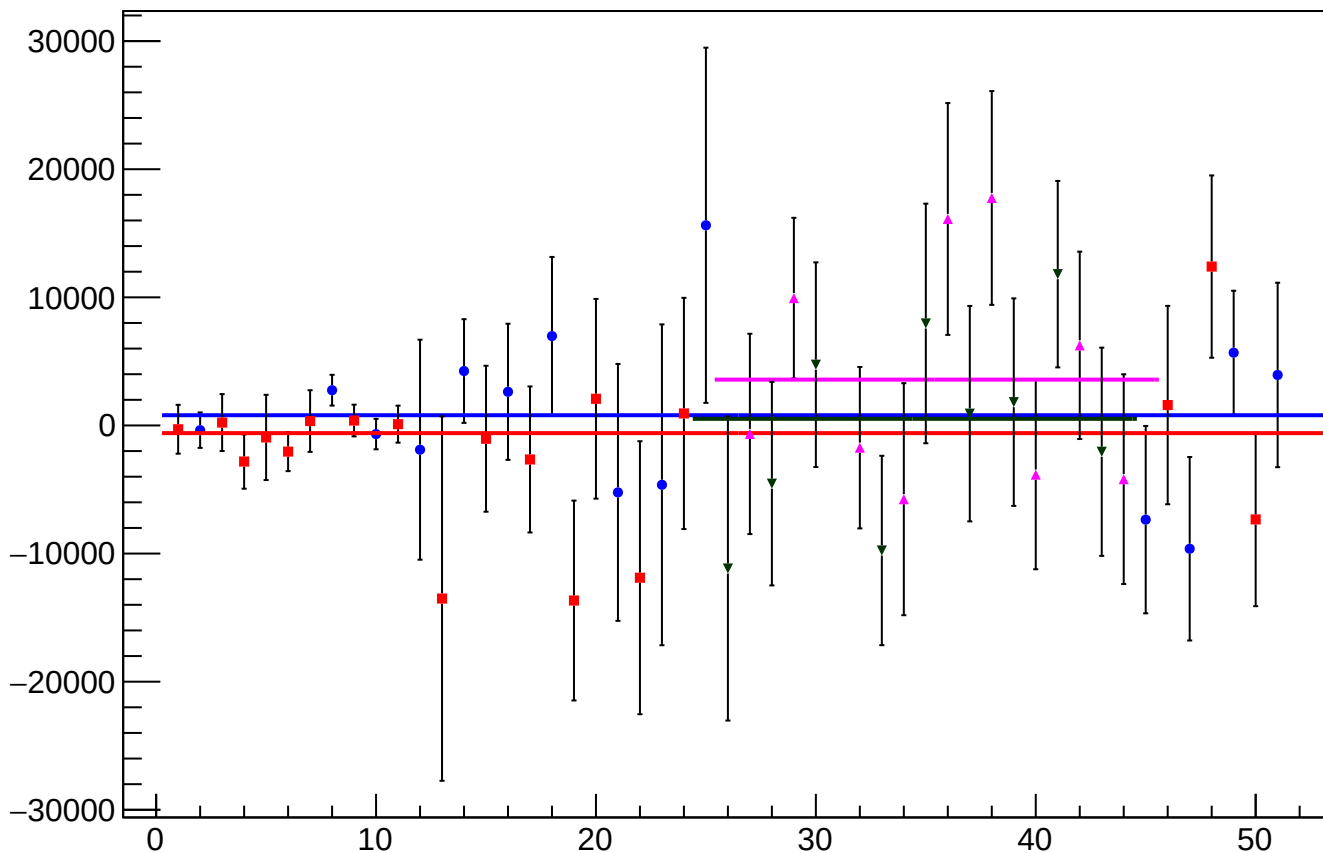
Left Out: 10309.365+/-3.349 χ^2 /NDF:233262.1/8

1117.528+/-0.259 χ^2 /NDF: 37106724.8/49

Right Out: 986.346+/-0.362 χ^2 /NDF: 9113354.6/17

Left In: 9993.117+/-3.001 χ^2 /NDF:104211.5/8

cor_sam4_mean vs slug



Right In: 798.286+/-676.852 χ^2/NDF : 13.1/13

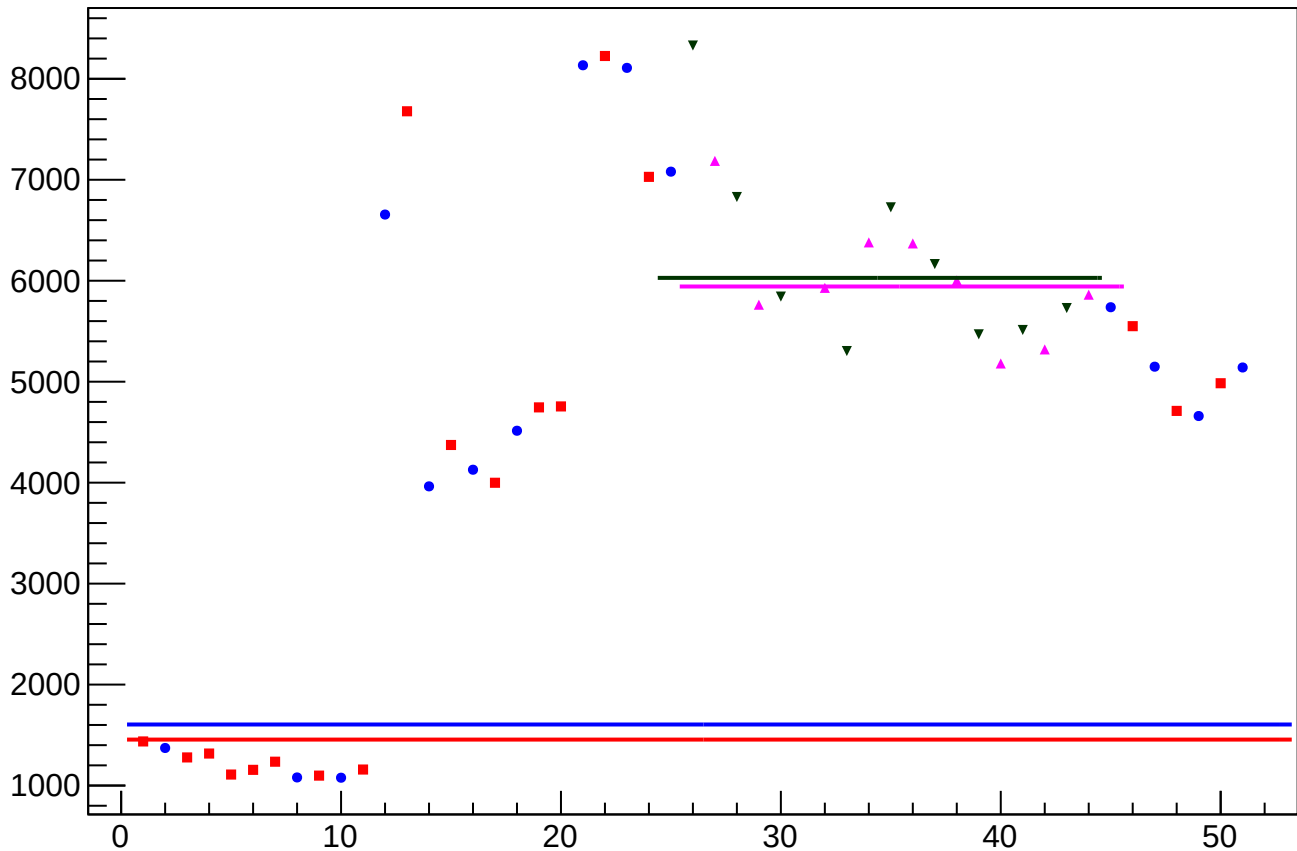
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

Right Out: -598.272+/-608.001 χ^2/NDF : 12.6/17

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

146.110+/-439.482 χ^2/NDF : 46.7/49

cor_sam4_rms vs slug



Right In: 1604.718+/-0.479 χ^2/NDF : 7207438.4/13

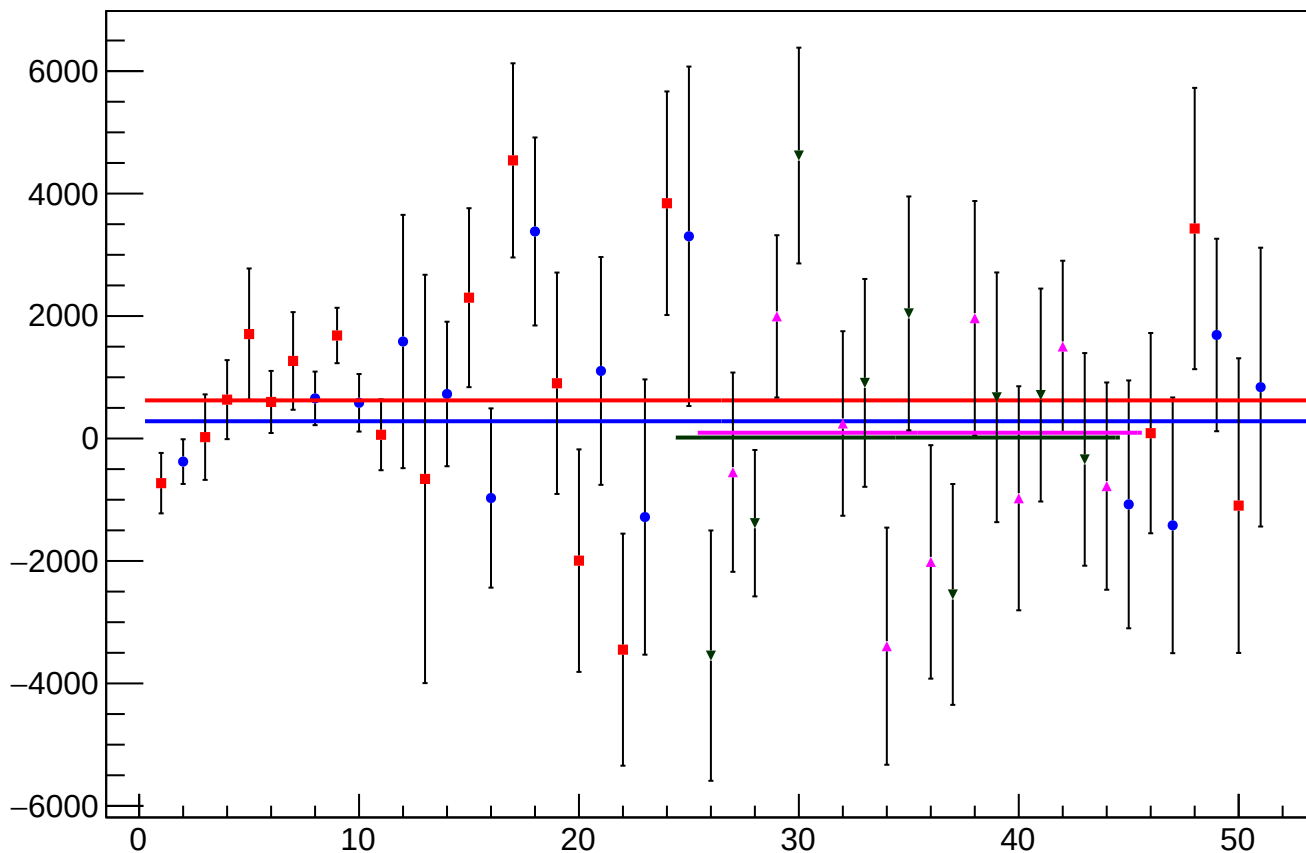
Left Out: 6028.268+/-1.948 χ^2/NDF : 149820.8/8

1771.418+/-0.311 χ^2/NDF : 23882624.2/49

Right Out: 1455.300+/-0.430 χ^2/NDF : 5499853.6/17

Left In: 5942.882+/-1.780 χ^2/NDF : 97554.4/8

cor_sam5_mean vs slug



Right In: 281.969 ± 219.283 $\chi^2/\text{NDF}: 13.6/13$

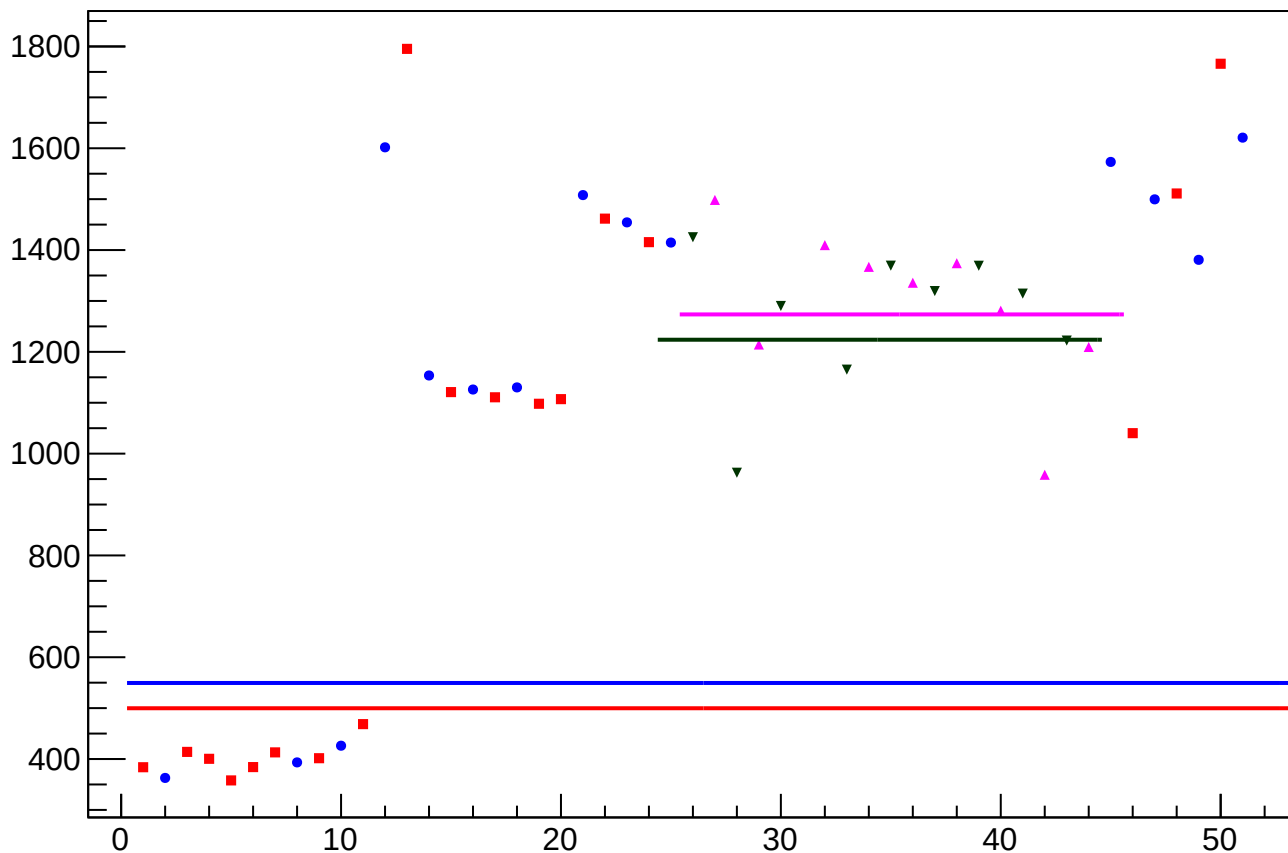
Left Out: 15.632 ± 568.606 $\chi^2/\text{NDF}: 15.0/8$

Right Out: 622.461 ± 197.492 $\chi^2/\text{NDF}: 35.9/17$

Left In: 94.301 ± 545.541 $\chi^2/\text{NDF}: 9.3/8$

419.532 ± 137.505 $\chi^2/\text{NDF}: 76.0/49$

cor_sam5_rms vs slug



Right In: 549.425+/-0.155 χ^2/NDF : 5531442.2/13

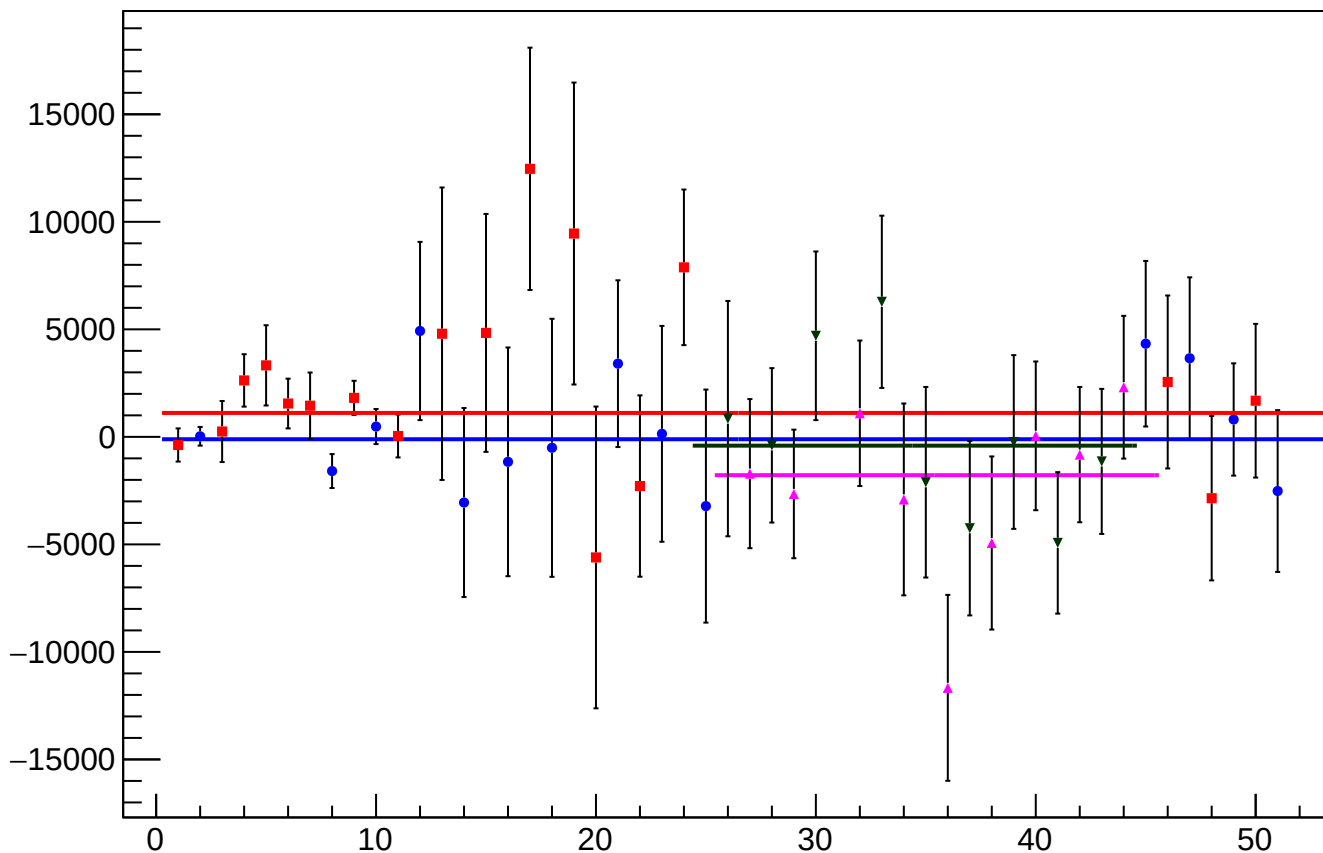
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 499.749+/-0.140 χ^2/NDF : 4031828.3/17

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

610.786+/-0.097 χ^2/NDF : 15956636.5/49

cor_sam6_mean vs slug



Right In: -110.503+/-331.755 χ^2/NDF : 10.1/13

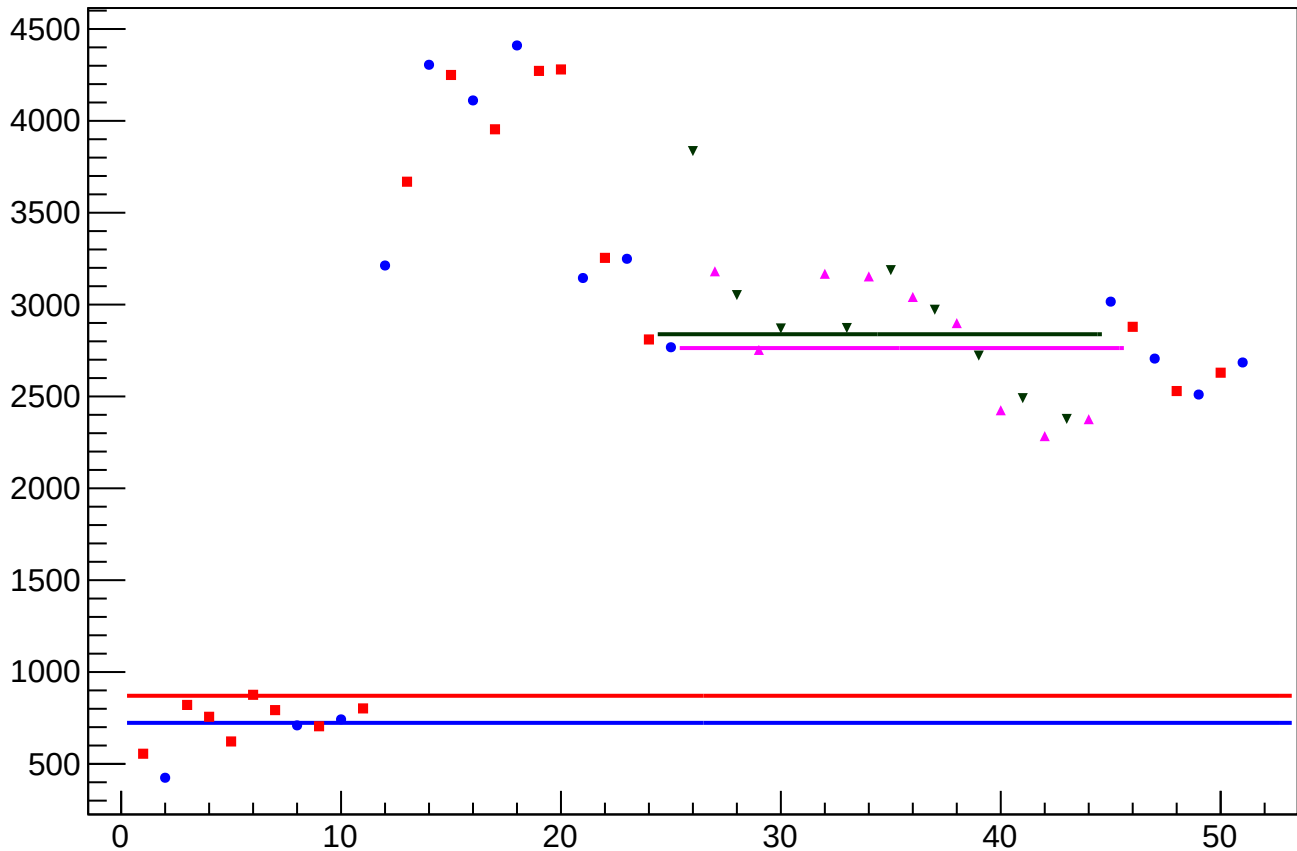
Left Out: -408.383+/-1299.964 χ^2/NDF : 7.5/8

Right Out: 1112.953+/-368.517 χ^2/NDF : 21.7/17

Left In: -1781.426+/-1175.729 χ^2/NDF : 8.6/8

318.662+/-237.259 χ^2/NDF : 57.8/49

cor_sam6_rms vs slug



Right In: 723.417+/-0.235 χ^2/NDF : 8882755.9/13

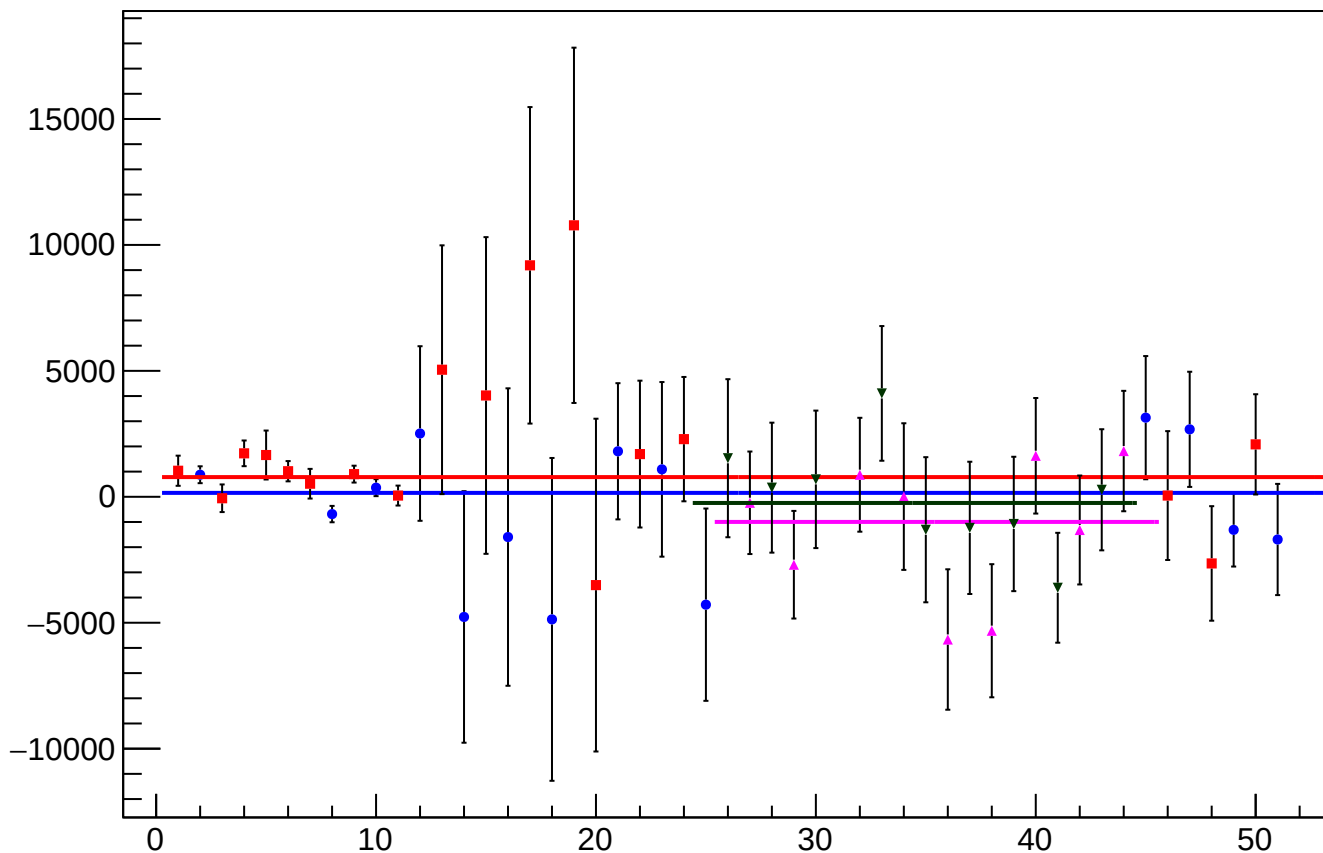
Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

938.042+/-0.168 χ^2/NDF : 24898769.6/49

Right Out: 870.806+/-0.261 χ^2/NDF : 5690693.9/17

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

cor_sam7_mean vs slug



Right In: 155.664 $\pm$ 186.617 χ^2 /NDF: 20.1/13

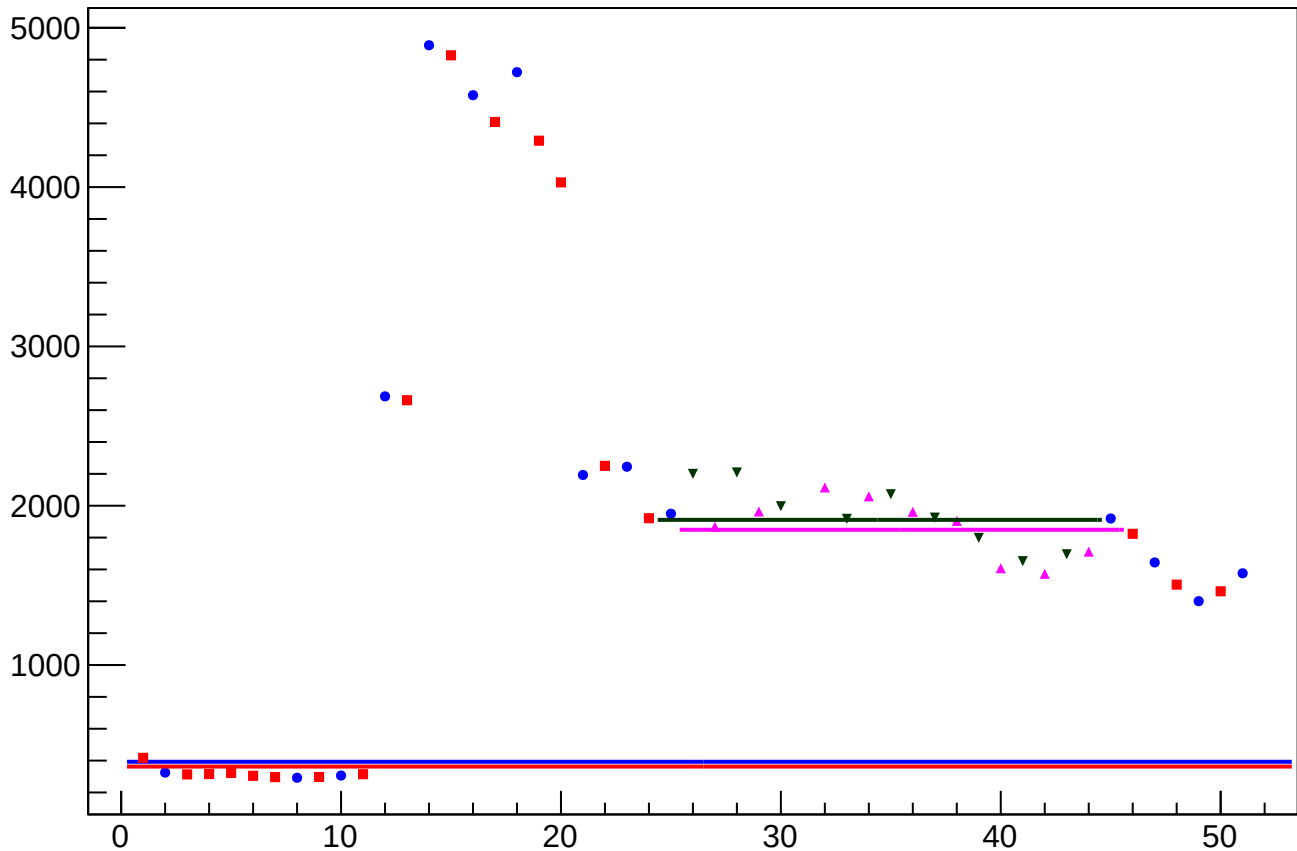
Left Out: -244.491 $\pm$ 871.961 χ^2 /NDF: 5.9/8

Right Out: 782.375 $\pm$ 165.774 χ^2 /NDF: 19.3/17

Left In: -997.335 $\pm$ 784.451 χ^2 /NDF: 9.8/8

455.550 $\pm$ 121.229 χ^2 /NDF: 65.7/49

cor_sam7_rms vs slug



Right In: 392.643+/-0.132 χ^2/NDF : 9522316.8/13

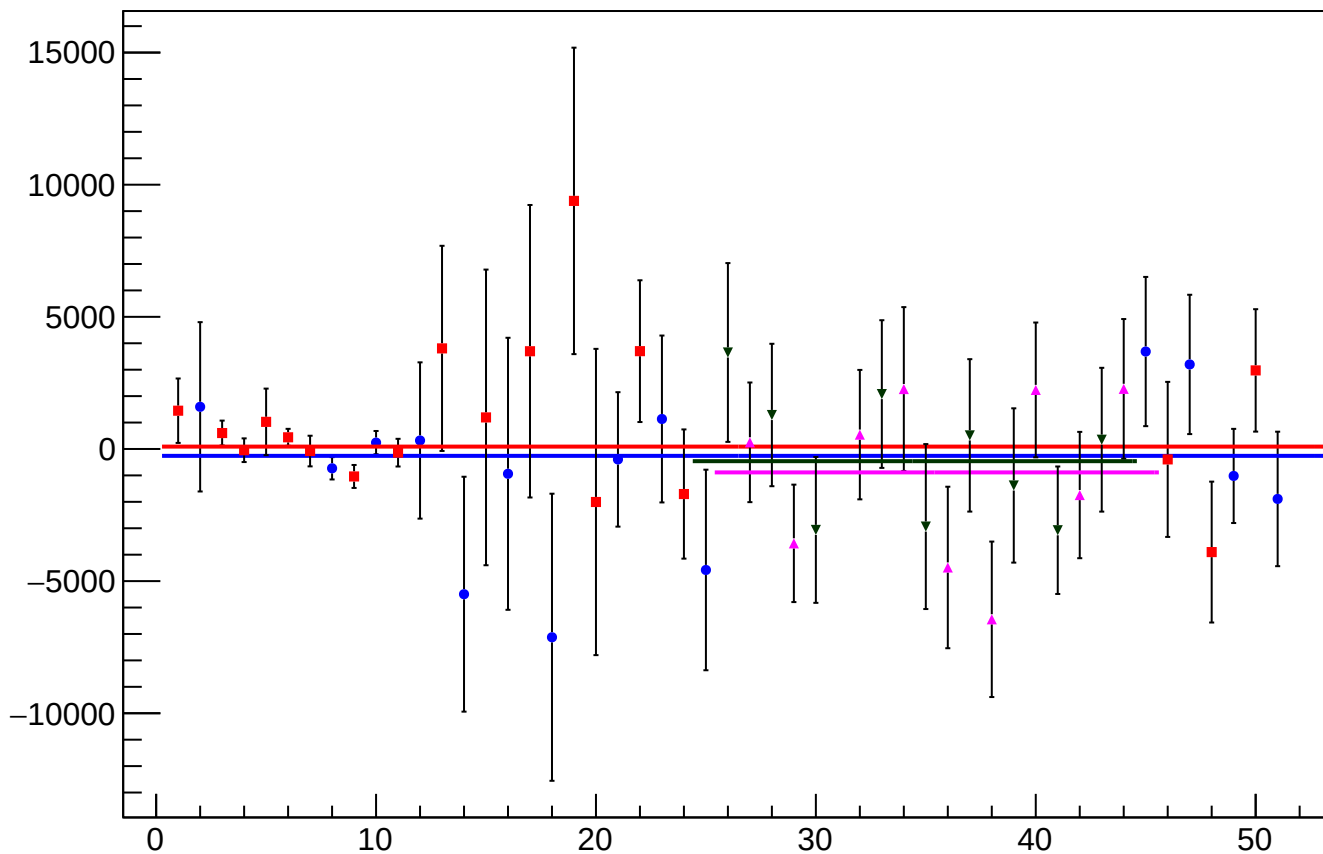
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

Right Out: 362.597+/-0.117 χ^2/NDF : 7140477.9/17

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

440.712+/-0.086 χ^2/NDF : 29584044.7/49

cor_sam8_mean vs slug



Right In: -260.248+/-286.770 χ^2/NDF : 11.7/13

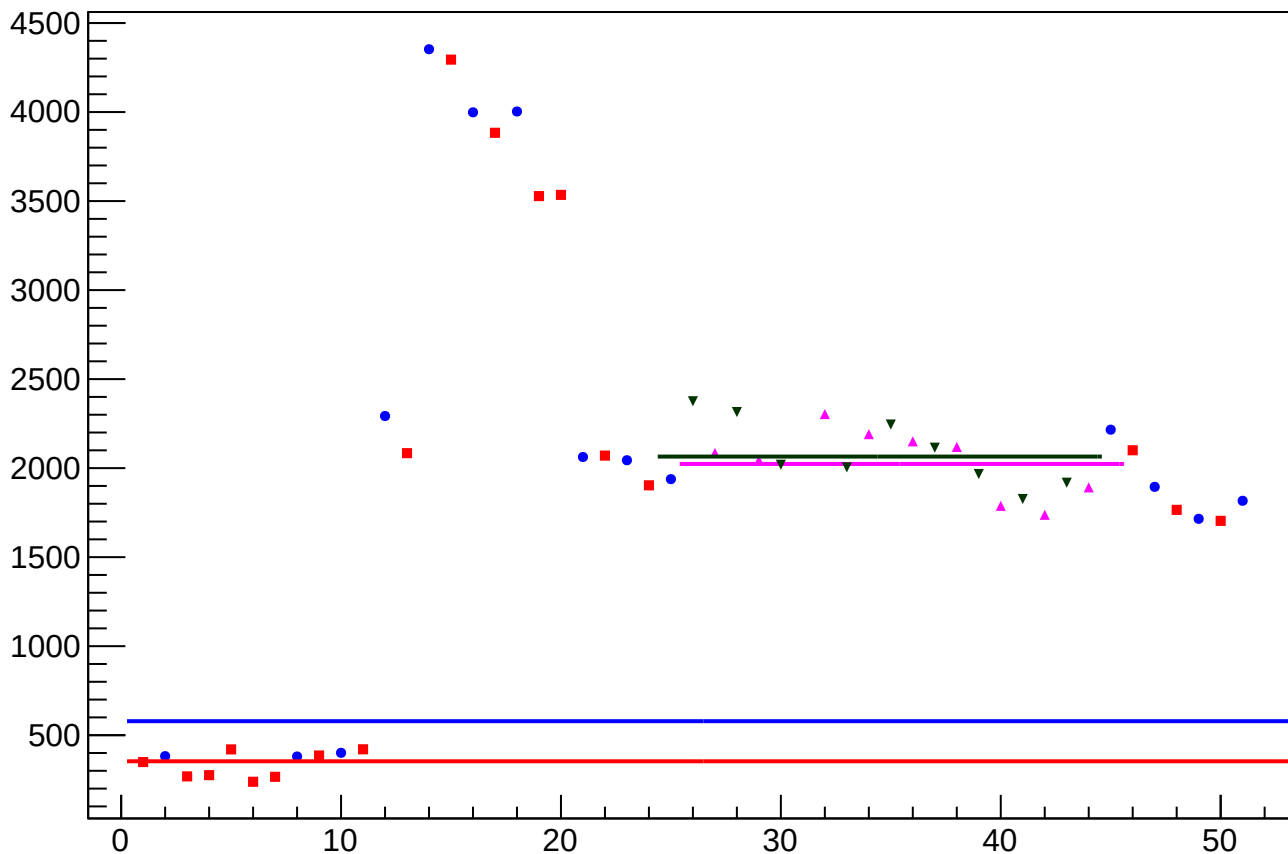
Left Out: -461.681+/-939.996 χ^2/NDF : 5.7/8

Right Out: 89.870+/-172.948 χ^2/NDF : 21.6/17

Left In: -886.546+/-856.447 χ^2/NDF : 11.1/8

-39.328+/-144.206 χ^2/NDF : 52.4/49

cor_sam8_rms vs slug



Right In: 578.707 $\pm$ 0.203 χ^2 /NDF: 8393698.2/13

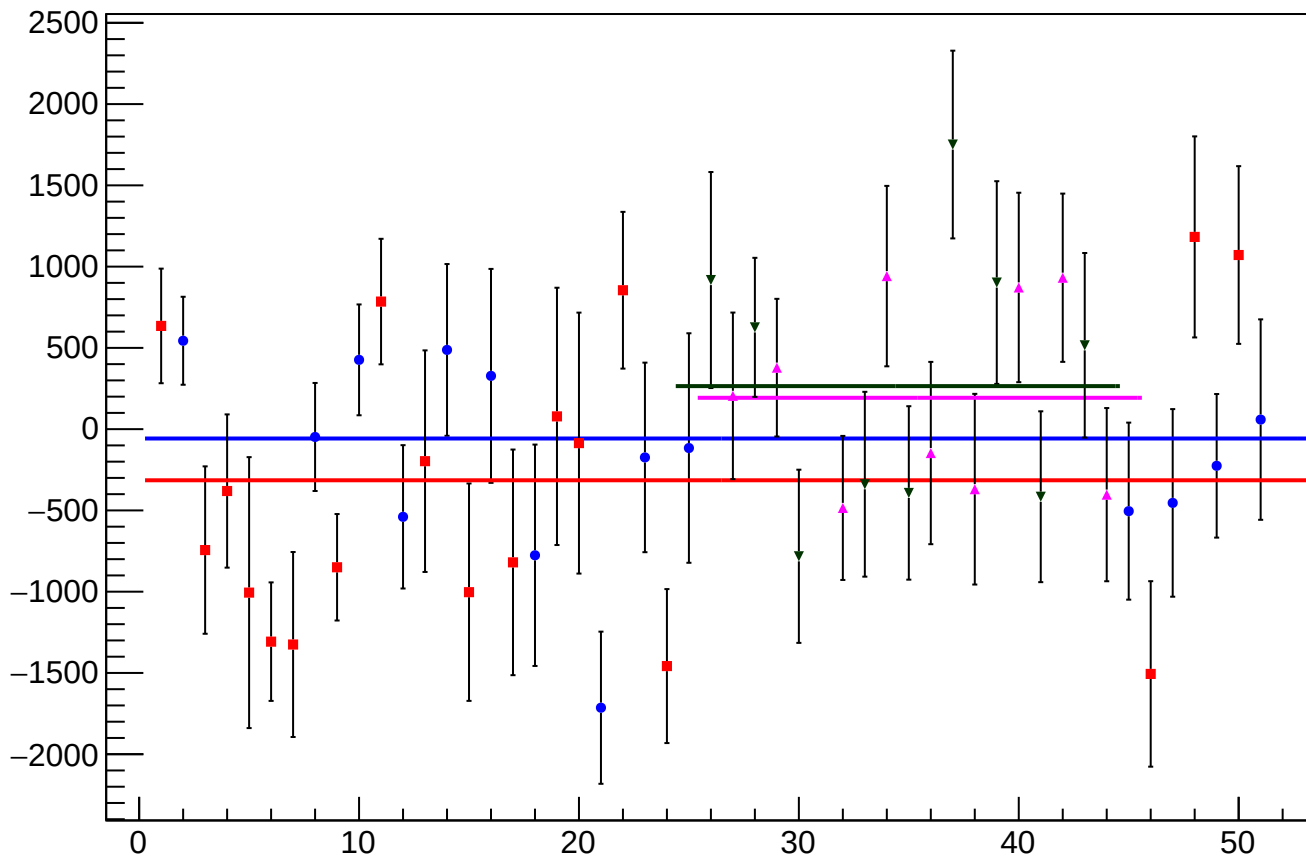
Left Out: 2064.944 $\pm$ 0.665 χ^2 /NDF: 70444.9/8

Right Out: 353.446 $\pm$ 0.122 χ^2 /NDF: 7459678.5/17

Left In: 2023.521 $\pm$ 0.606 χ^2 /NDF: 89774.9/8

498.036 $\pm$ 0.102 χ^2 /NDF: 29472273.3/49

reg_asym_sam1_mean vs slug



Right In: -57.538 ± 121.153 χ^2/NDF : 24.6/13

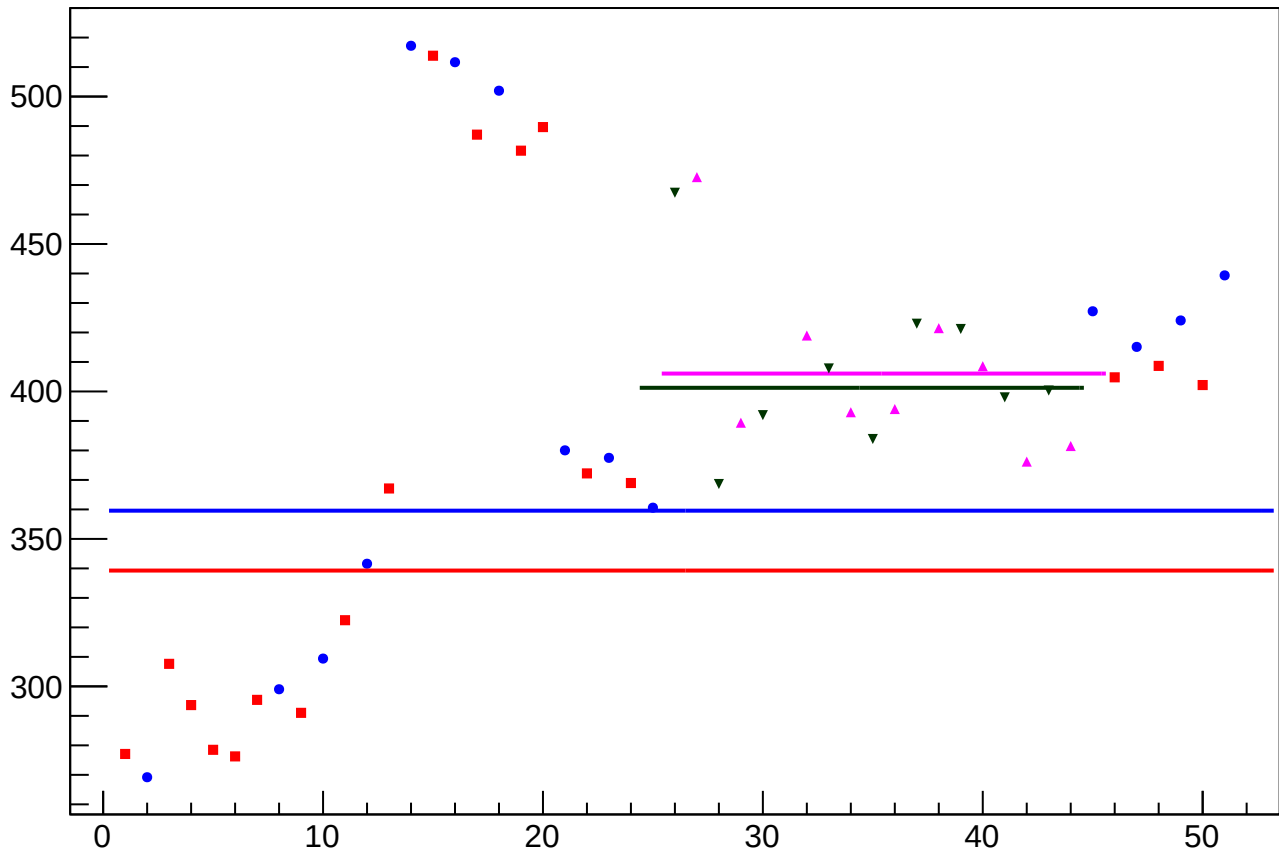
Left Out: 264.755 ± 182.132 χ^2/NDF : 17.7/8

Right Out: -314.588 ± 118.023 χ^2/NDF : 60.3/17

Left In: 192.929 ± 171.479 χ^2/NDF : 10.3/8

-58.616 ± 70.002 χ^2/NDF : 122.9/49

reg_asym_sam1_rms vs slug



Right In: 359.576 $\pm$ 0.086 χ^2 /NDF: 839428.1/13

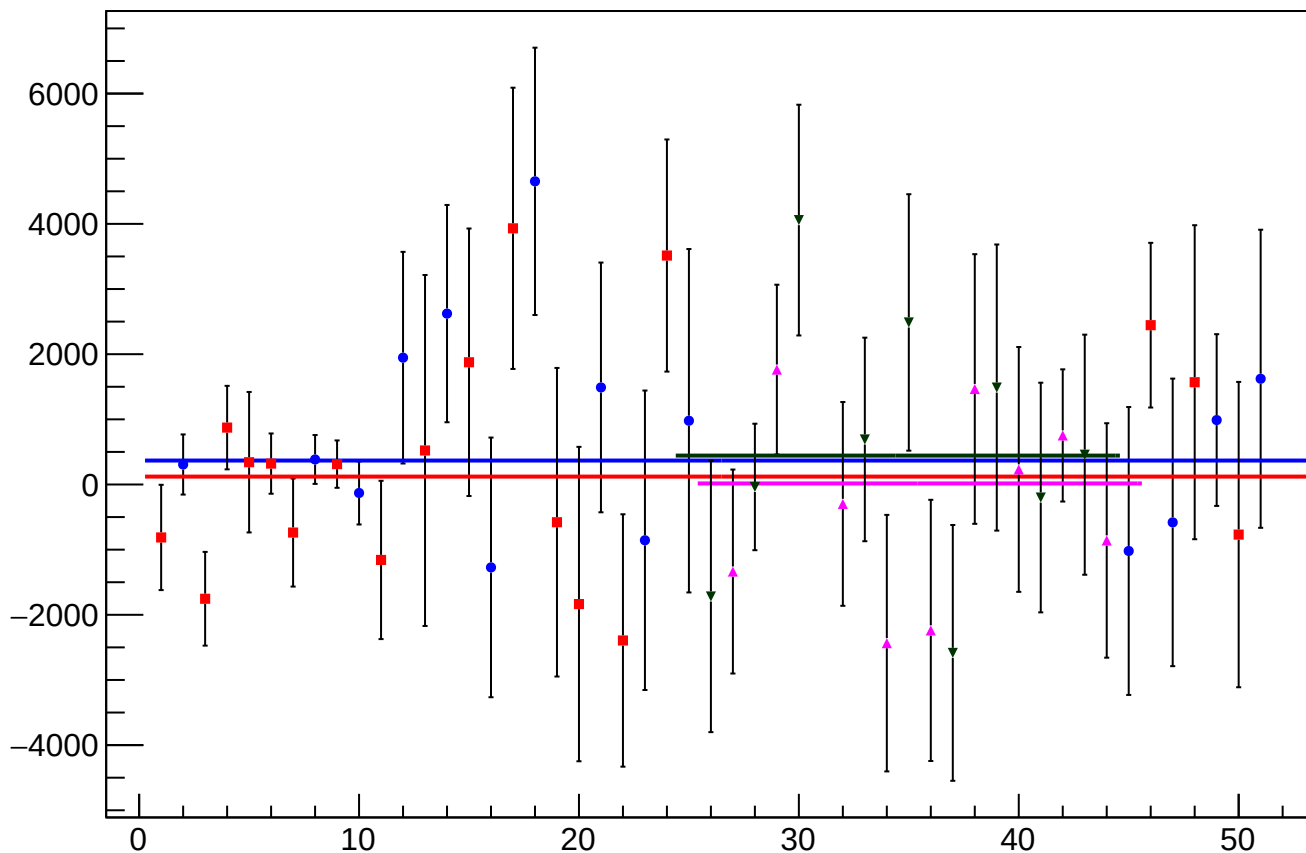
Left Out: 401.241 $\pm$ 0.129 χ^2 /NDF: 39393.7/8

Right Out: 339.272 $\pm$ 0.083 χ^2 /NDF: 678314.6/17

Left In: 406.067 $\pm$ 0.121 χ^2 /NDF: 52950.3/8

366.336 $\pm$ 0.049 χ^2 /NDF: 1902303.4/49

asym_sam1_correction_mean vs slug



Right In: 367.629 $\pm$ 228.847 χ^2 /NDF: 10.7/13

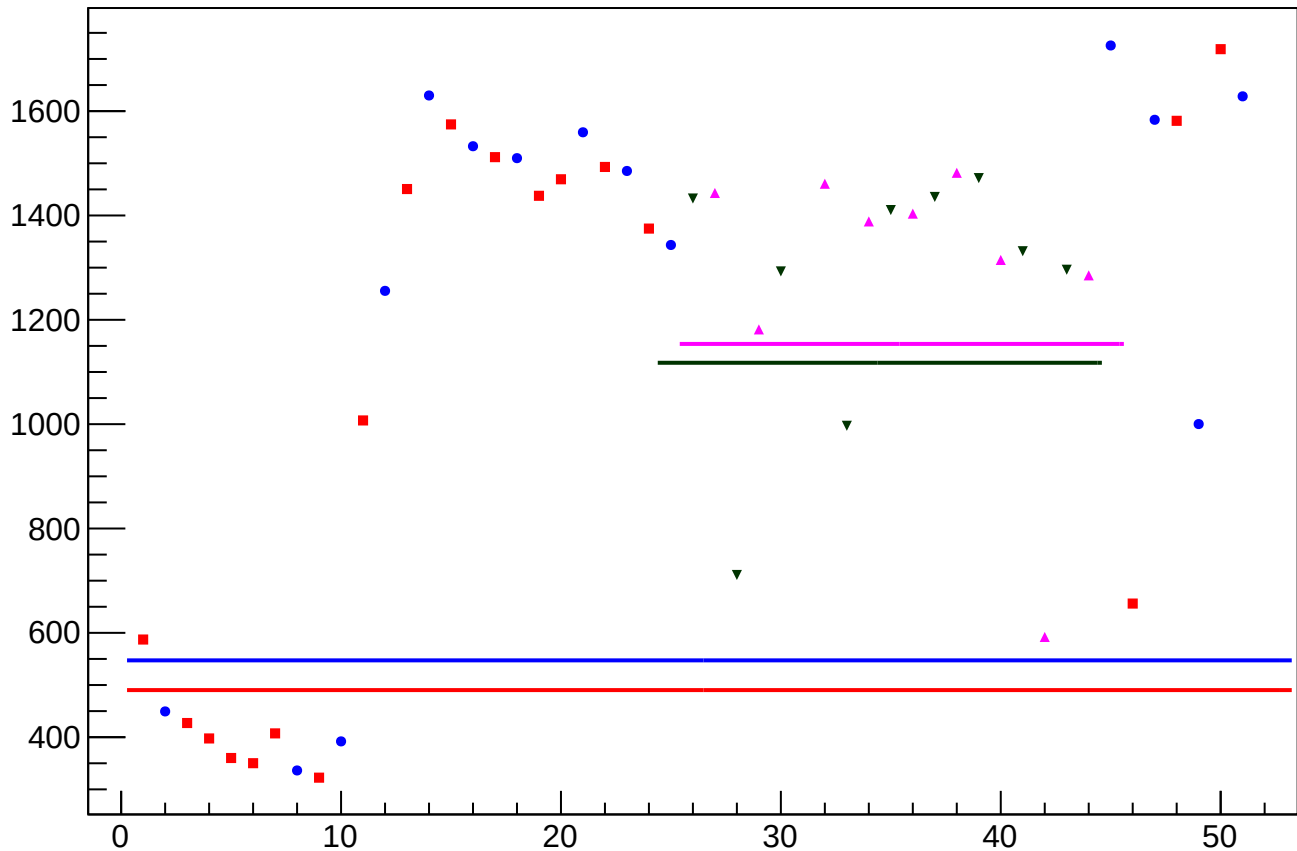
Left Out: 443.599 $\pm$ 545.326 χ^2 /NDF: 9.3/8

Right Out: 121.383 $\pm$ 205.664 χ^2 /NDF: 26.0/17

Left In: 16.228 $\pm$ 519.142 χ^2 /NDF: 6.7/8

229.701 $\pm$ 141.691 χ^2 /NDF: 53.7/49

asym_sam1_correction_rms vs slug



Right In: 547.262+/-0.162 χ^2/NDF : 5849523.7/13

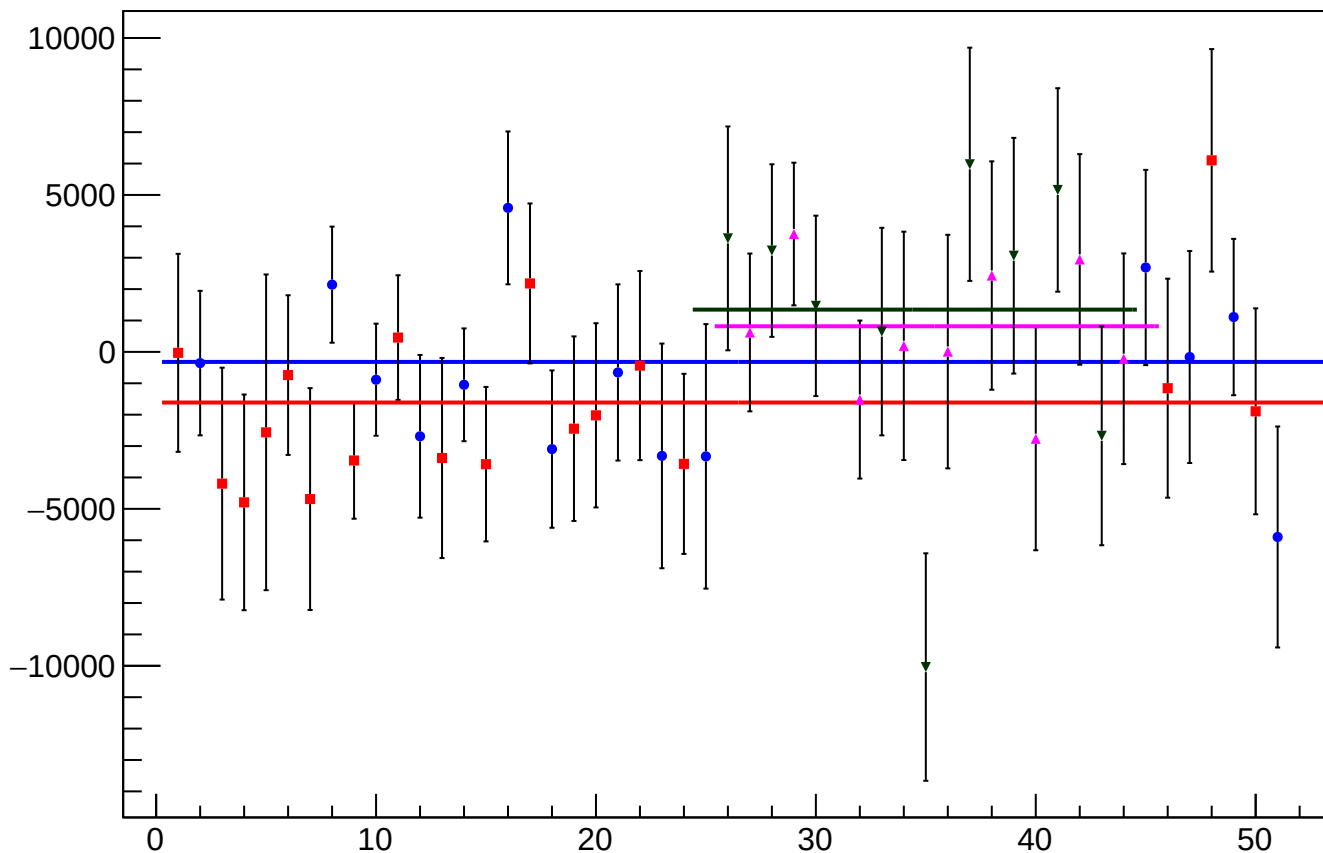
Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

603.907+/-0.100 χ^2/NDF : 17161863.3/49

Right Out: 490.281+/-0.145 χ^2/NDF : 5040553.0/17

Left In: 1153.785+/-0.367 χ^2/NDF : 894423.1/8

reg_asym_sam2_mean vs slug



Right In: -318.895+/-662.895 χ^2/NDF : 13.2/13

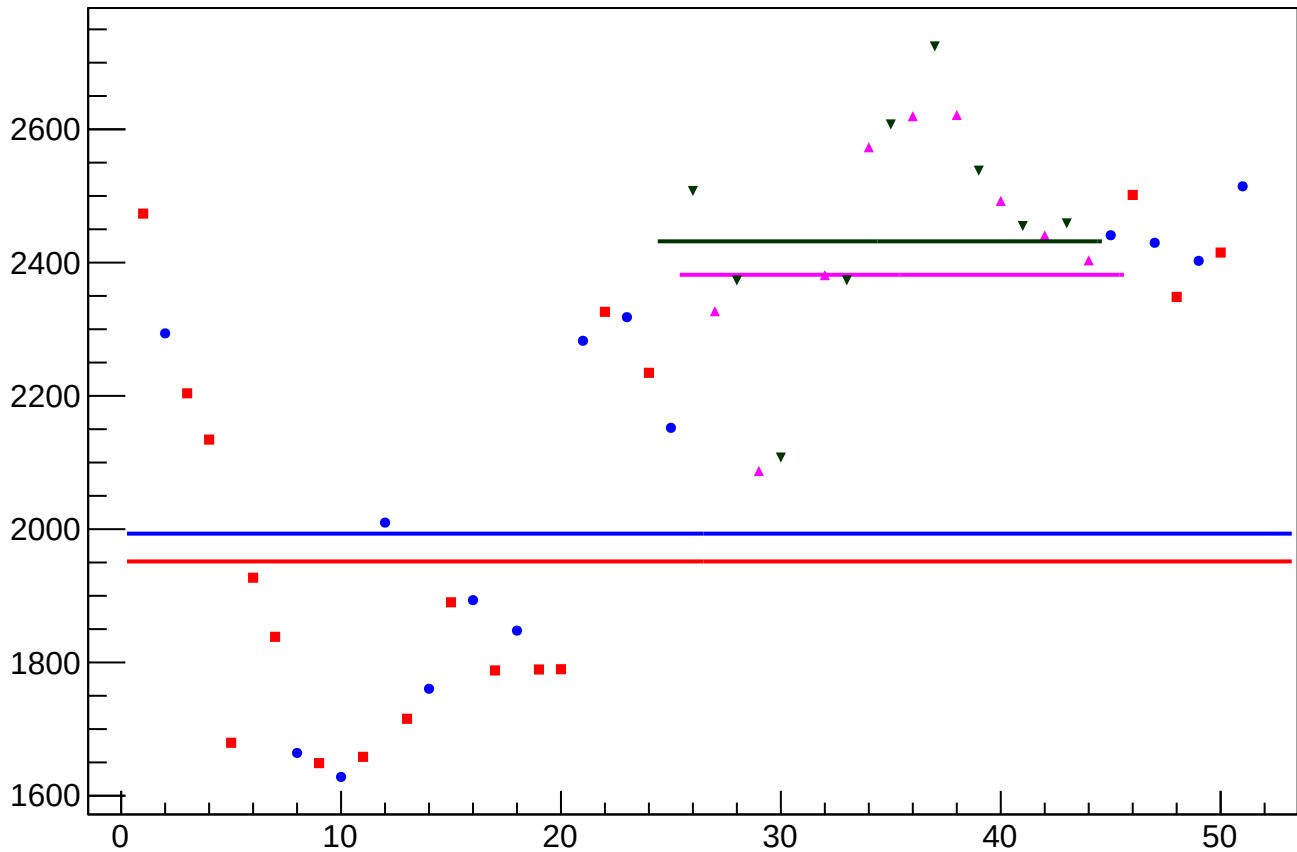
Left Out: 1347.049+/-1103.859 χ^2/NDF : 15.3/8

Right Out: -1612.596+/-672.217 χ^2/NDF : 13.2/17

Left In: 816.318+/-1004.864 χ^2/NDF : 4.3/8

-377.868+/-398.419 χ^2/NDF : 53.2/49

reg_asym_sam2_rms vs slug



Right In: 1993.301+/-0.469 χ^2/NDF : 438168.5/13

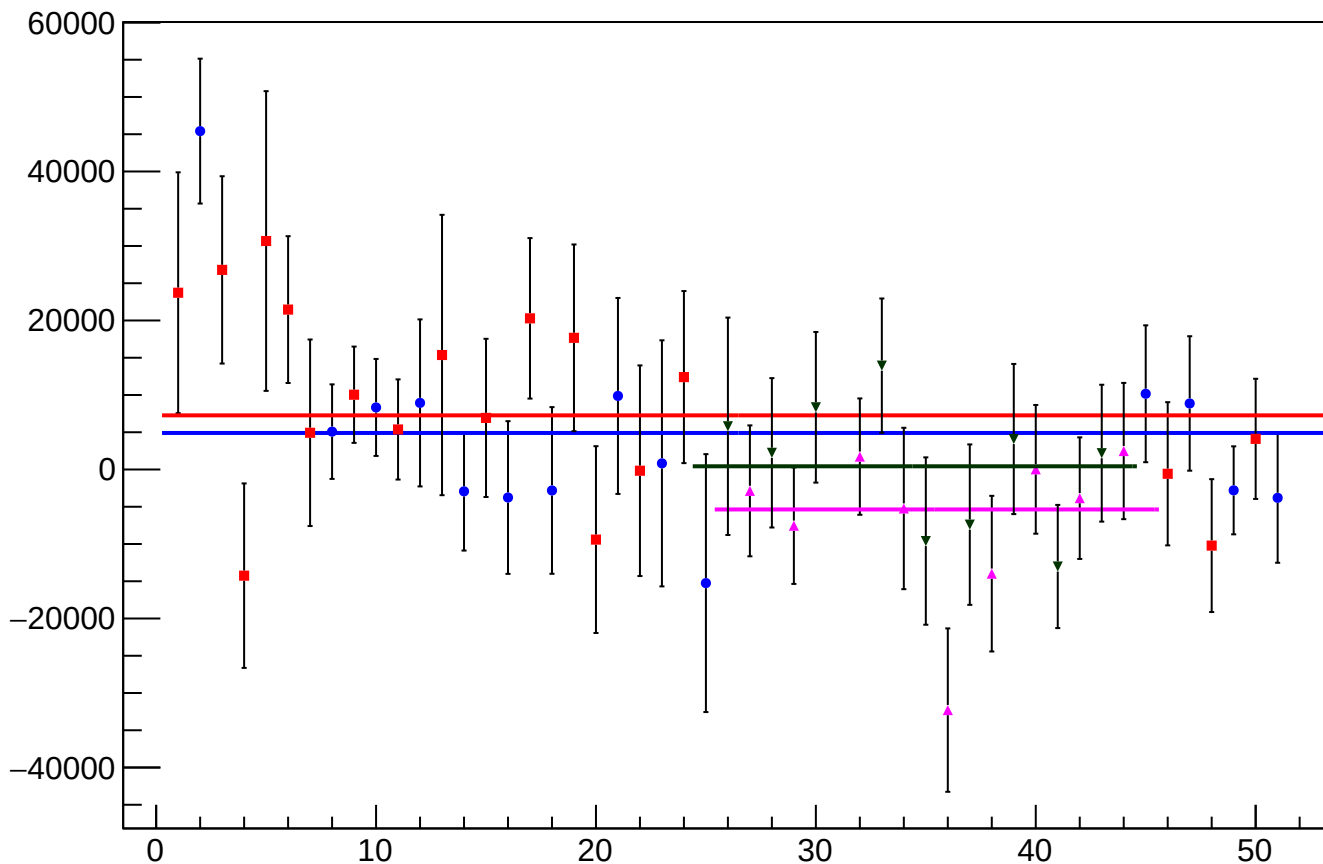
Left Out: 2431.909+/-0.781 χ^2/NDF : 46832.9/8

2096.846+/-0.282 χ^2/NDF : 1404192.2/49

Right Out: 1951.588+/-0.475 χ^2/NDF : 372420.9/17

Left In: 2381.708+/-0.711 χ^2/NDF : 59588.7/8

asym_sam2_correction_mean vs slug



Right In: 4903.166+/-2363.189 χ^2/NDF : 24.7/13

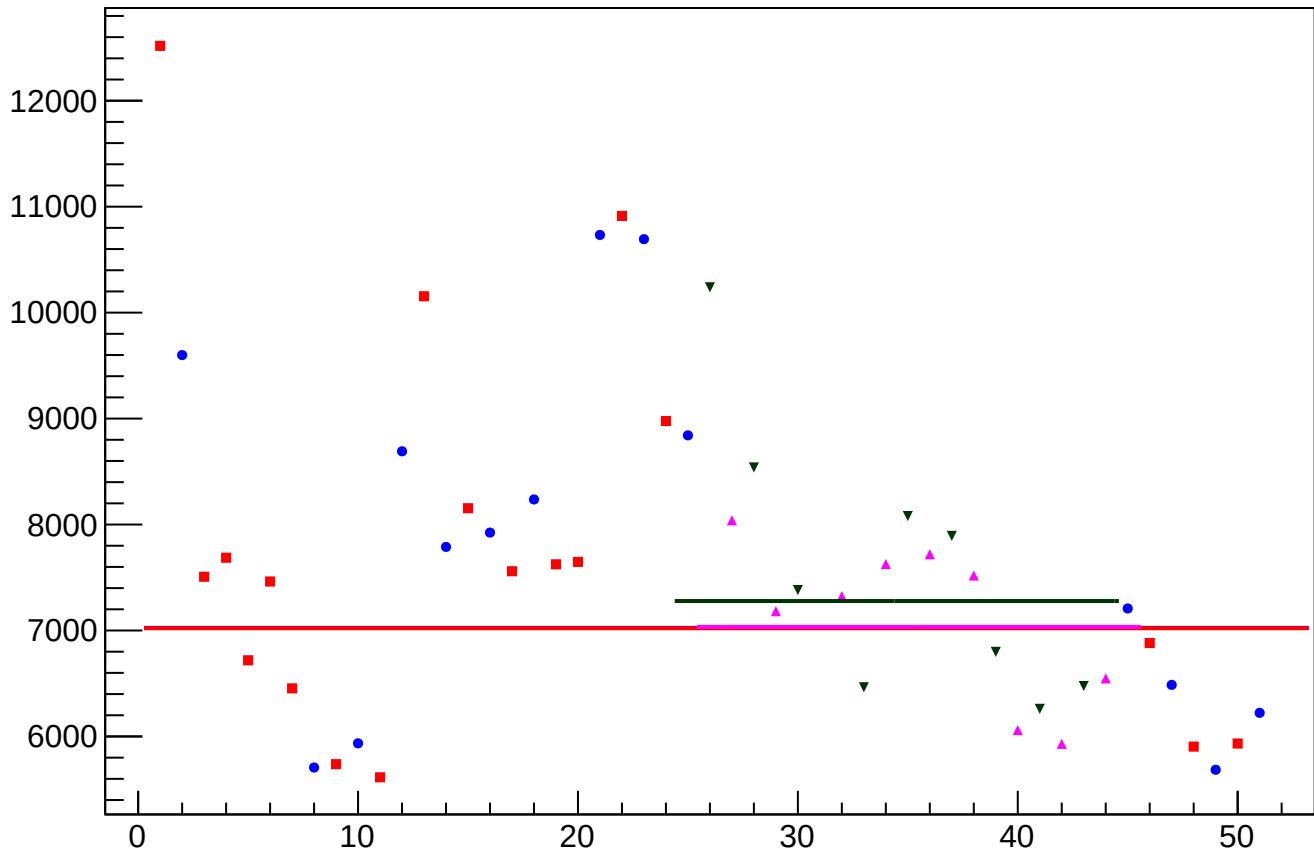
Left Out: 430.700+/-3340.198 χ^2/NDF : 7.2/8

Right Out: 7266.922+/-2452.568 χ^2/NDF : 19.4/17

Left In: -5364.101+/-2986.755 χ^2/NDF : 8.9/8

2784.771+/-1352.043 χ^2/NDF : 72.3/49

asym_sam2_correction_rms vs slug



Right In: 7024.547+/-1.671 χ^2 /NDF: 791545.8/13

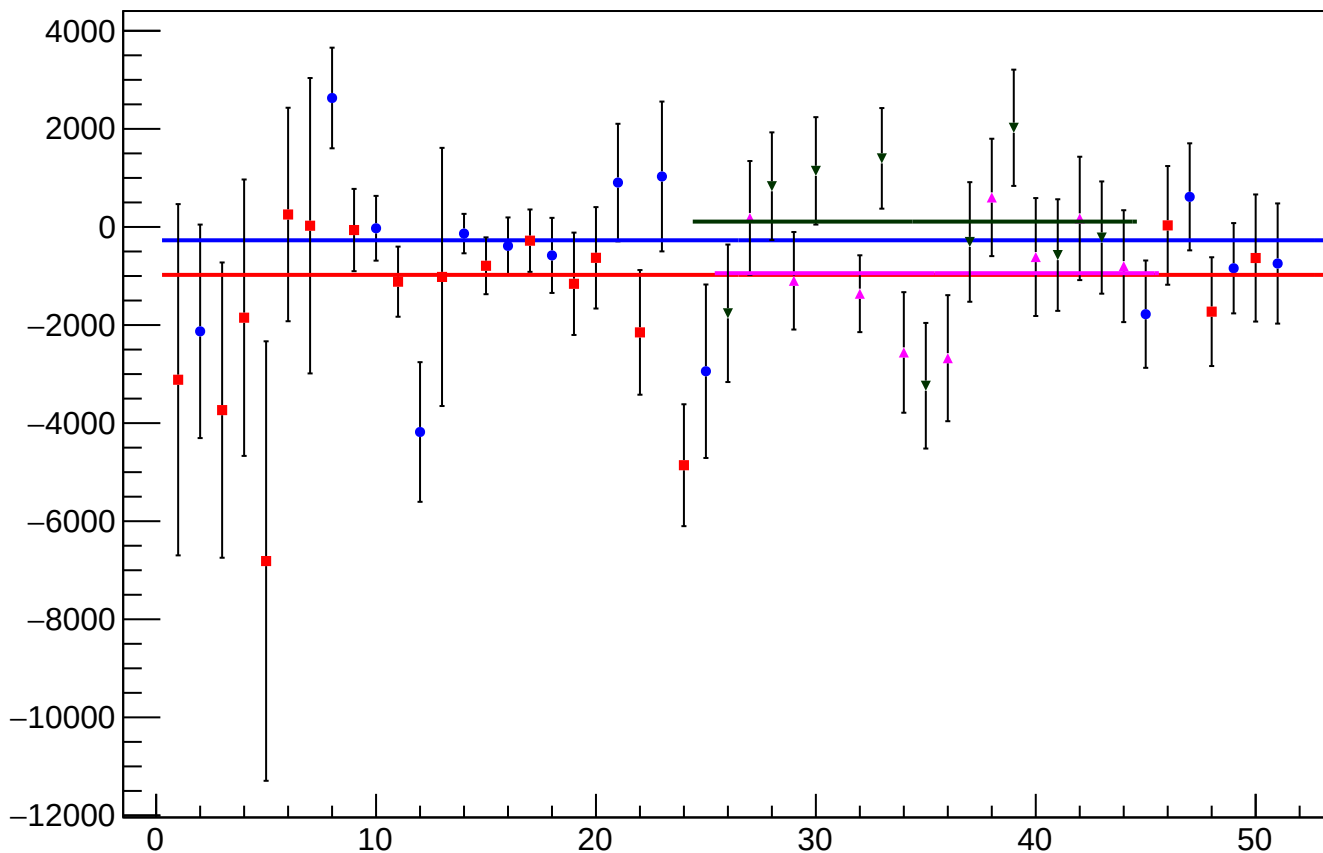
Left Out: 7278.054+/-2.362 χ^2 /NDF: 197341.3/8

7067.043+/-0.956 χ^2 /NDF: 1898934.6/49

Right Out: 7021.305+/-1.734 χ^2 /NDF: 785004.2/17

Left In: 7034.039+/-2.112 χ^2 /NDF: 115475.0/8

reg_asym_sam3_mean vs slug



Right In: -271.650+/-224.881 χ^2 /NDF: 23.8/13

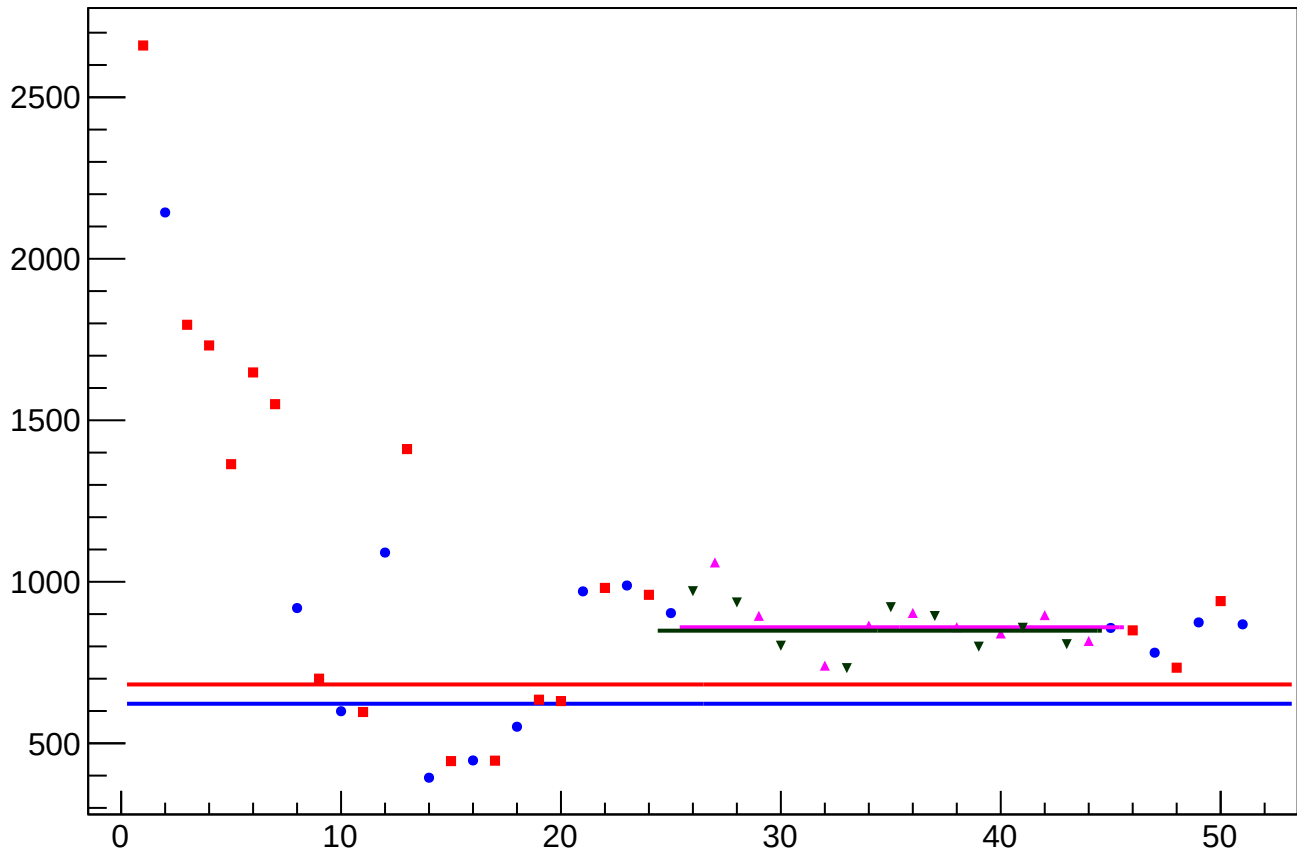
Left Out: 109.468+/-387.723 χ^2 /NDF: 14.7/8

Right Out: -976.999+/-259.353 χ^2 /NDF: 17.9/17

Left In: -942.699+/-366.632 χ^2 /NDF: 7.3/8

-537.250+/-143.249 χ^2 /NDF: 72.0/49

reg_asym_sam3_rms vs slug



Right In: 622.439+/-0.159 χ^2/NDF : 2908234.5/13

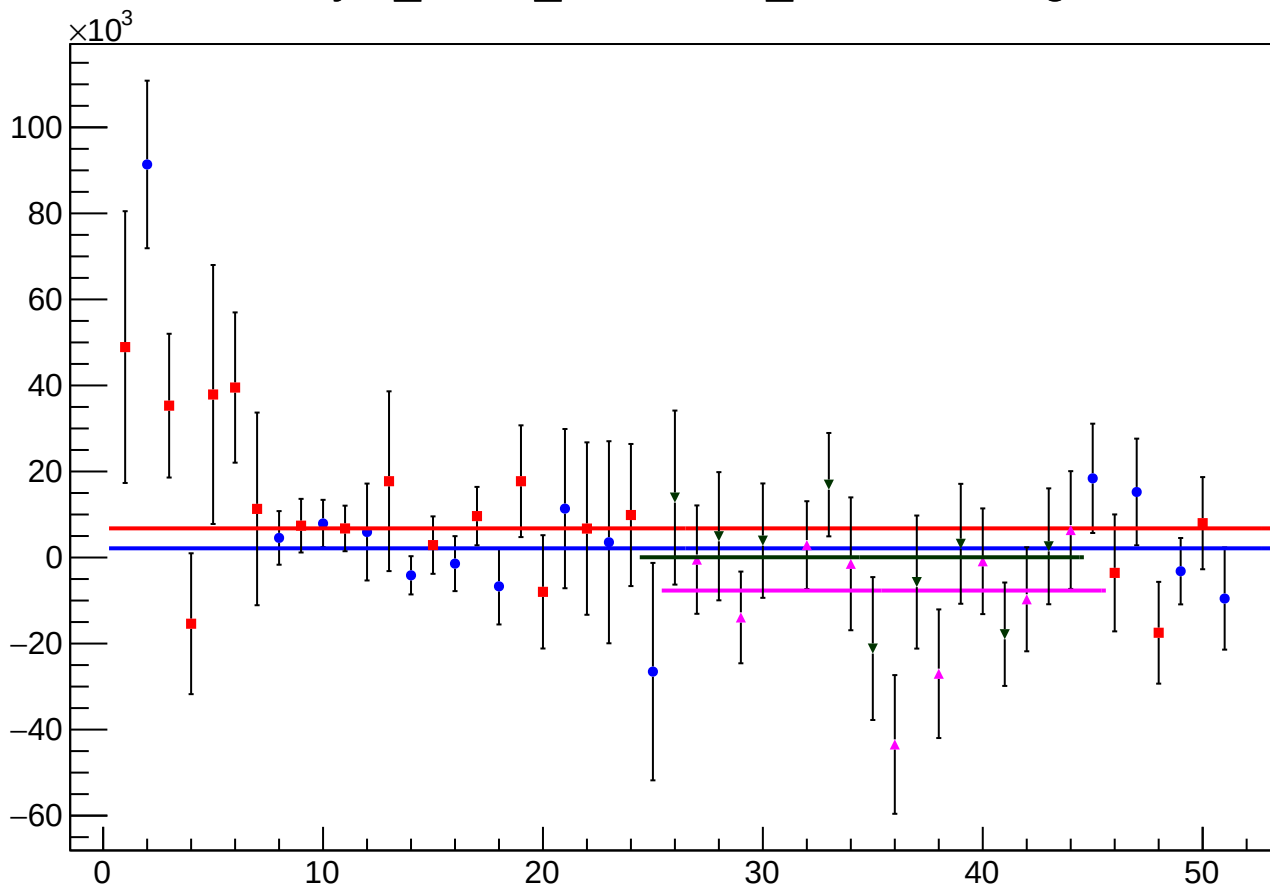
Left Out: 848.692+/-0.274 χ^2/NDF : 72527.0/8

707.697+/-0.101 χ^2/NDF : 6911134.5/49

Right Out: 682.190+/-0.183 χ^2/NDF : 2901778.9/17

Left In: 859.214+/-0.259 χ^2/NDF : 115718.5/8

asym_sam3_correction_mean vs slug



Right In: 2139.817 $\pm$ 2235.232 χ^2 /NDF: 31.4/13

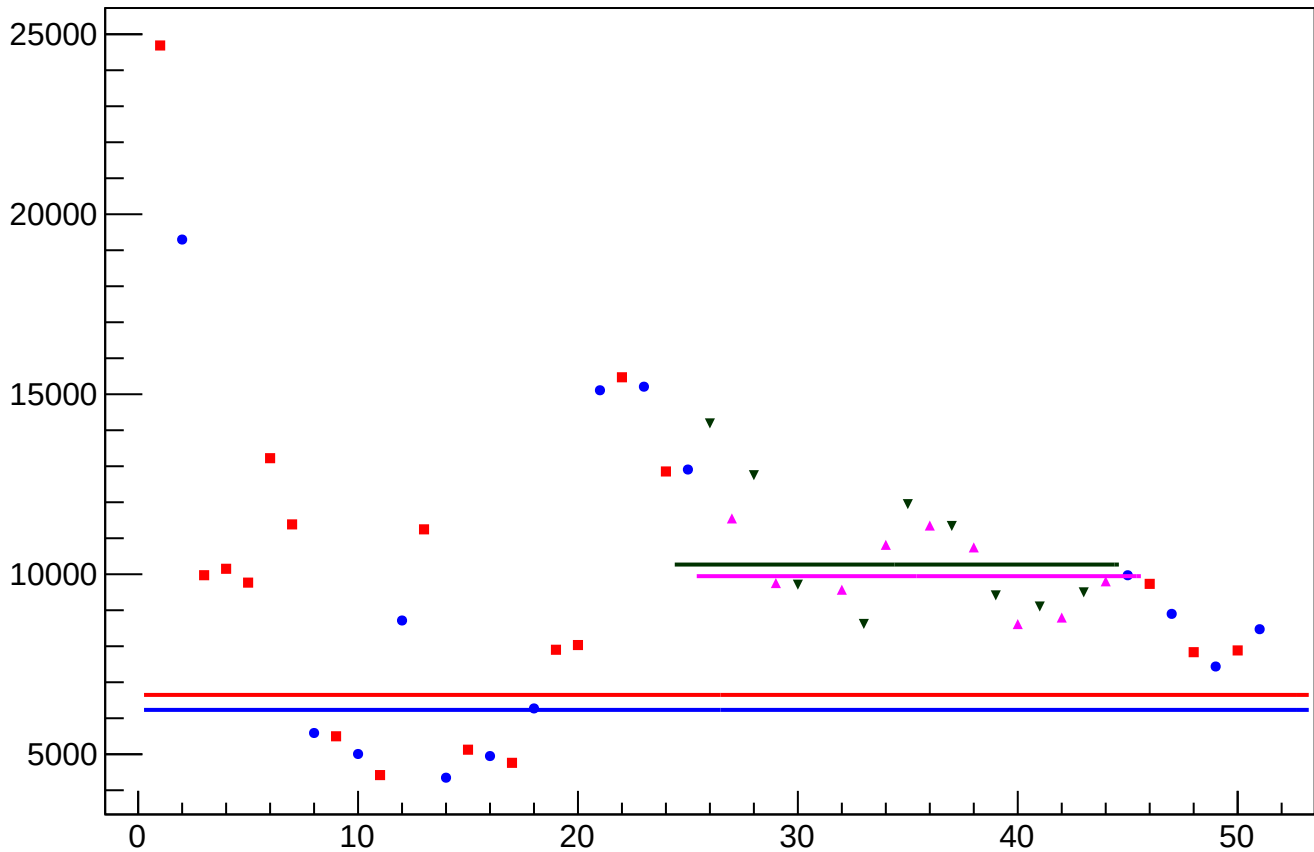
Left Out: 59.920 $\pm$ 4718.227 χ^2 /NDF: 6.7/8

2369.323 $\pm$ 1470.031 χ^2 /NDF: 75.8/49

Right Out: 6777.291 $\pm$ 2487.179 χ^2 /NDF: 18.8/17

Left In: -7677.411 $\pm$ 4224.746 χ^2 /NDF: 9.9/8

asym_sam3_correction_rms vs slug



Right In: 6232.110+/-1.581 χ^2/NDF : 2835424.5/13

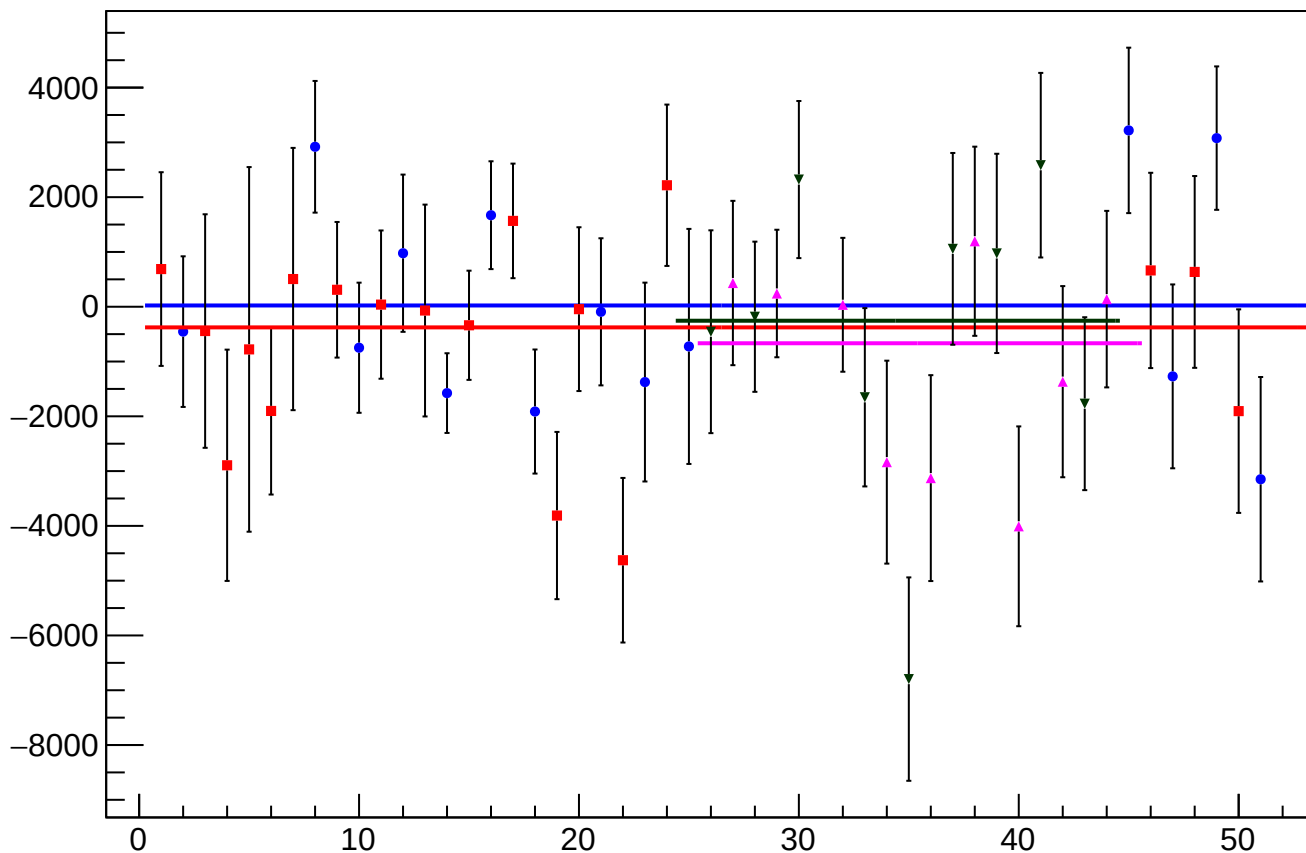
Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8

7219.192+/-1.039 χ^2/NDF : 8195205.3/49

Right Out: 6648.410+/-1.759 χ^2/NDF : 2855282.2/17

Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 23.178+/-335.978 χ^2/NDF : 31.5/13

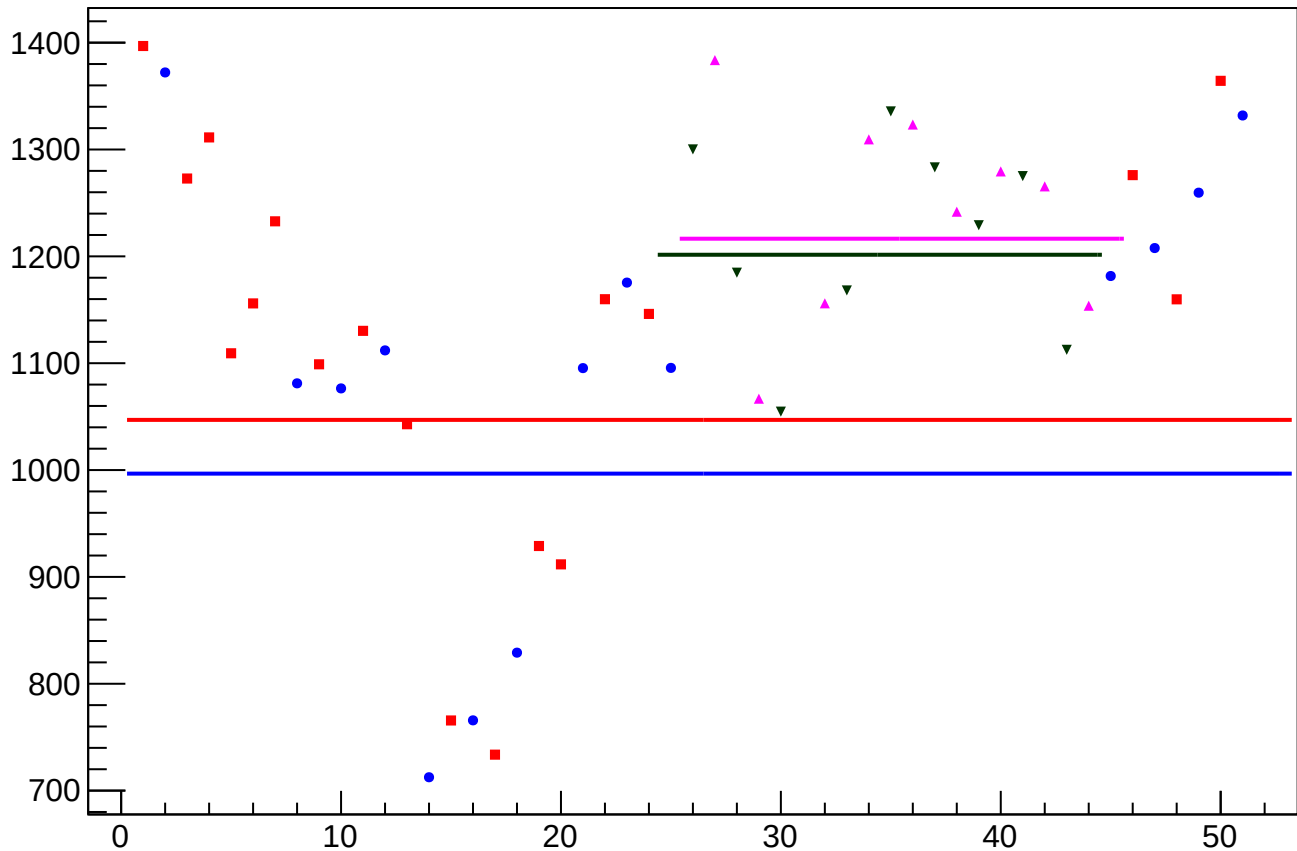
Left Out: -255.316+/-545.443 χ^2/NDF : 21.2/8

Right Out: -376.851+/-363.722 χ^2/NDF : 24.4/17

Left In: -666.576+/-514.516 χ^2/NDF : 9.5/8

-255.531+/-206.037 χ^2/NDF : 88.0/49

reg_asym_sam4_rms vs slug



Right In: 996.660 $\pm$ 0.238 χ^2 /NDF: 881522.0/13

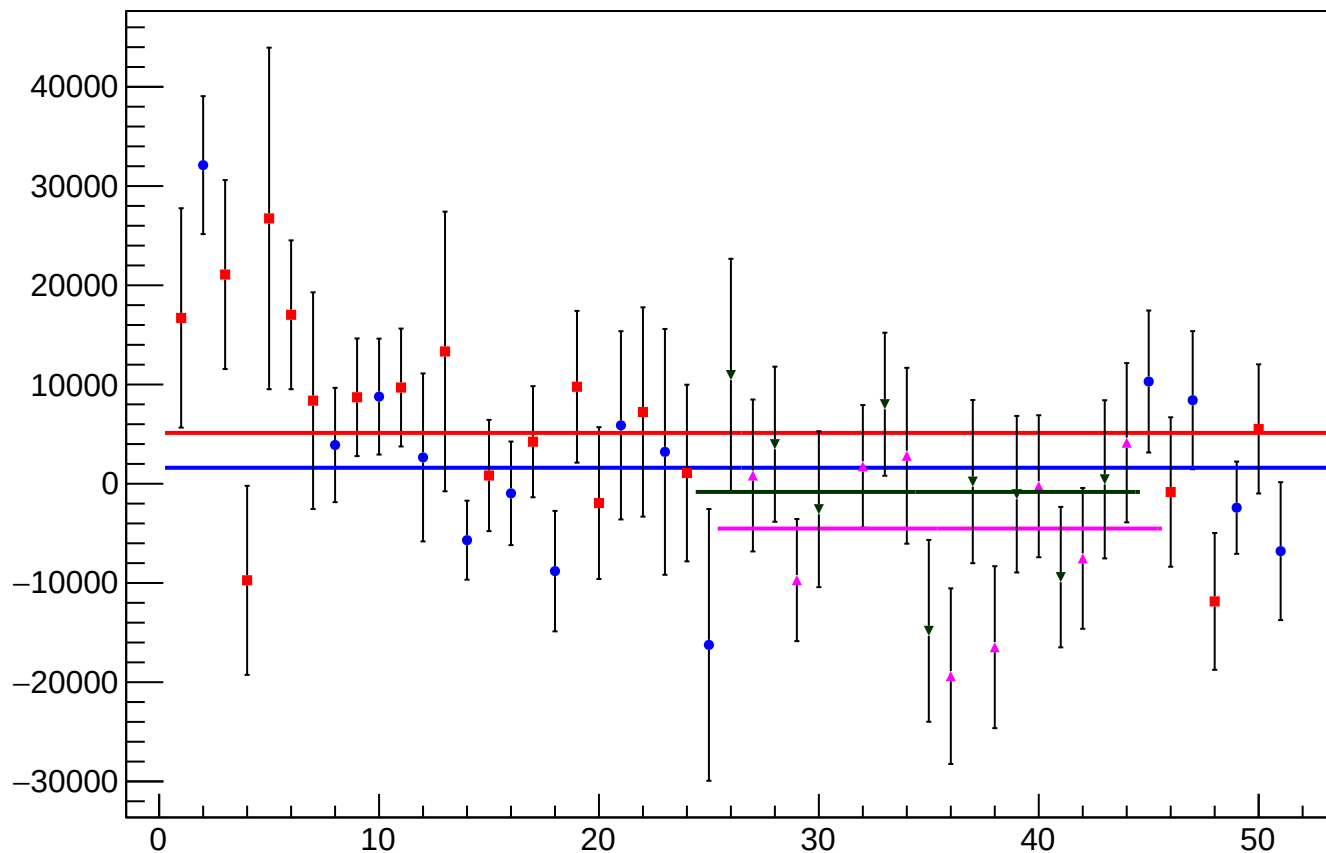
Left Out: 1201.502 $\pm$ 0.386 χ^2 /NDF: 53243.4/8

1077.284 $\pm$ 0.146 χ^2 /NDF: 2049441.2/49

Right Out: 1046.953 $\pm$ 0.257 χ^2 /NDF: 653626.2/17

Left In: 1216.522 $\pm$ 0.364 χ^2 /NDF: 81773.0/8

asym_sam4_correction_mean vs slug



Right In: 1612.318 ± 1687.525 χ^2/NDF : 34.1/13

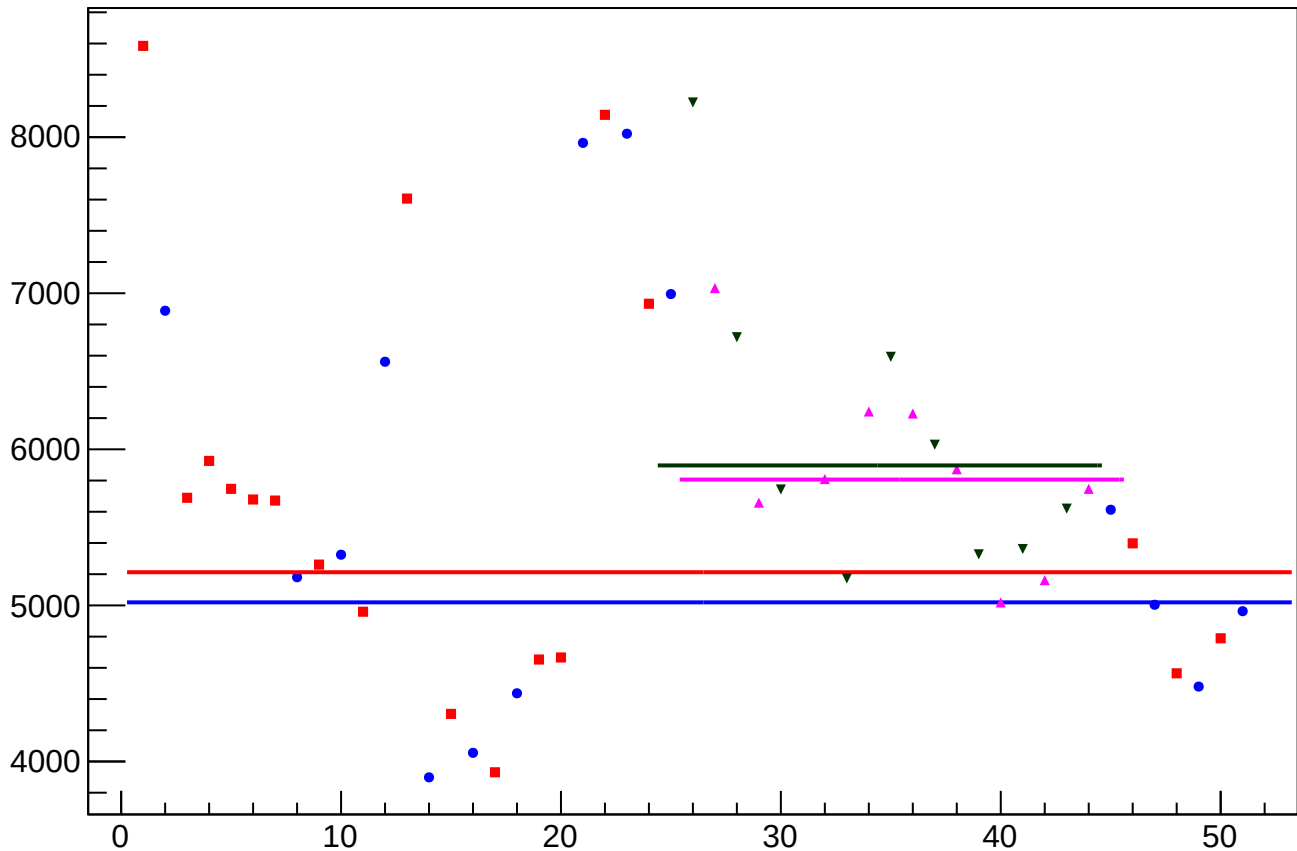
Left Out: -824.542 ± 2696.175 χ^2/NDF : 6.8/8

Right Out: 5128.030 ± 1815.627 χ^2/NDF : 20.6/17

Left In: -4513.128 ± 2460.890 χ^2/NDF : 9.6/8

1319.593 ± 1022.114 χ^2/NDF : 81.7/49

asym_sam4_correction_rms vs slug



Right In: 5019.536 ± 1.193 χ^2/NDF : 855823.7/13

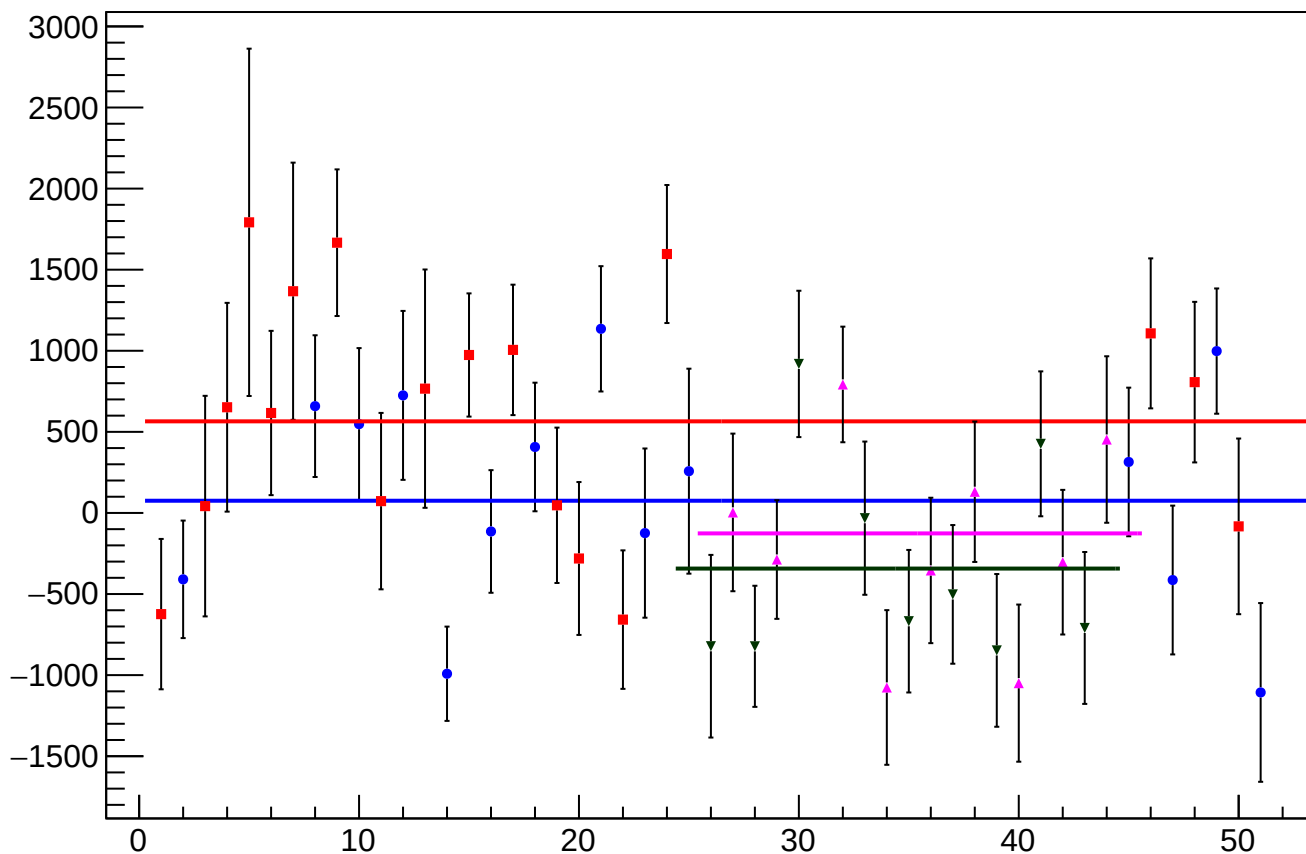
Left Out: 5896.806 ± 1.906 χ^2/NDF : 158167.8/8

Right Out: 5212.623 ± 1.284 χ^2/NDF : 711428.9/17

Left In: 5806.242 ± 1.740 χ^2/NDF : 102860.0/8

5342.520 ± 0.723 χ^2/NDF : 2067326.5/49

reg_asym_sam5_mean vs slug



Right In: 75.264+/-112.742 χ^2/NDF : 40.0/13

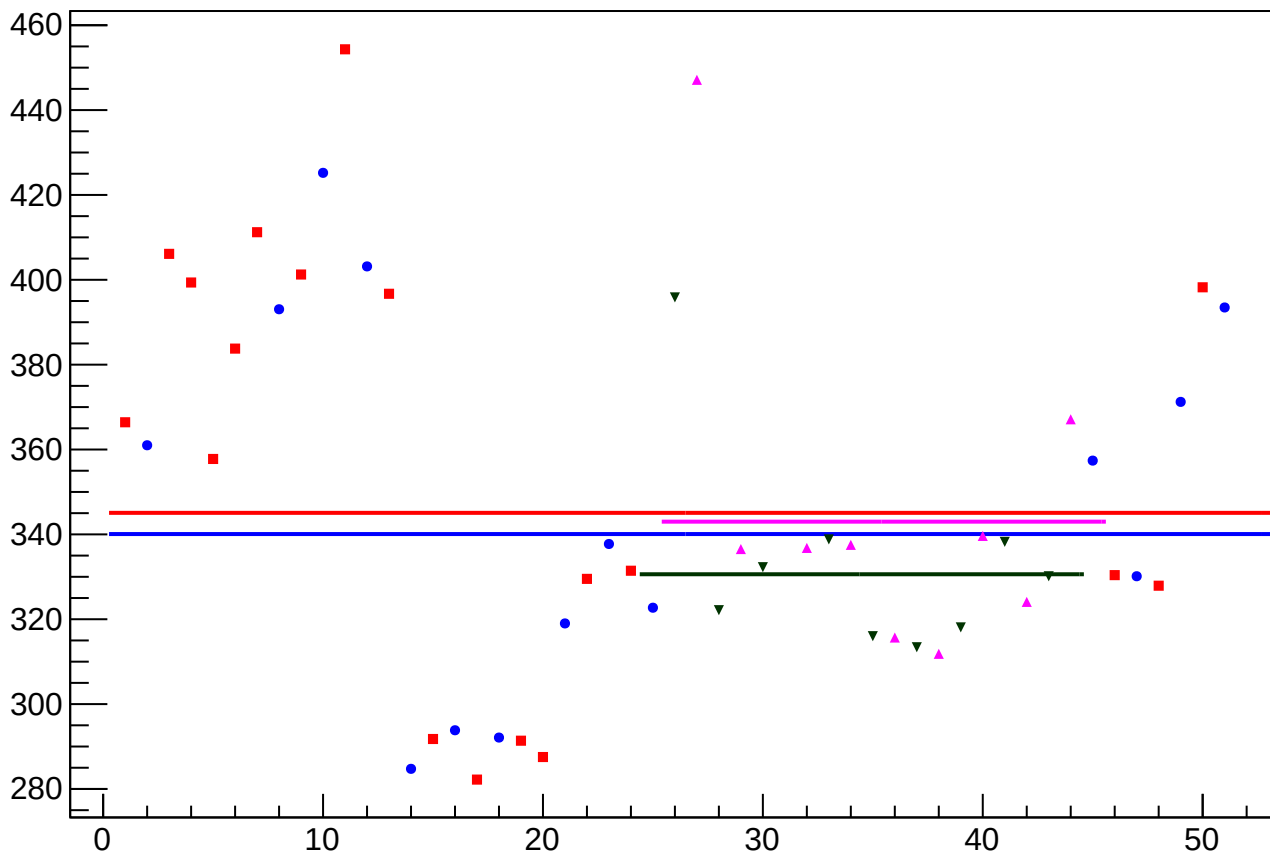
Left Out: -342.981+/-150.000 χ^2/NDF : 16.0/8

Right Out: 564.825+/-118.796 χ^2/NDF : 40.2/17

Left In: -126.114+/-145.287 χ^2/NDF : 16.5/8

102.448+/-64.369 χ^2/NDF : 139.3/49

reg_asym_sam5_rms vs slug



Right In: 340.076+/-0.080 χ^2/NDF : 306094.4/13

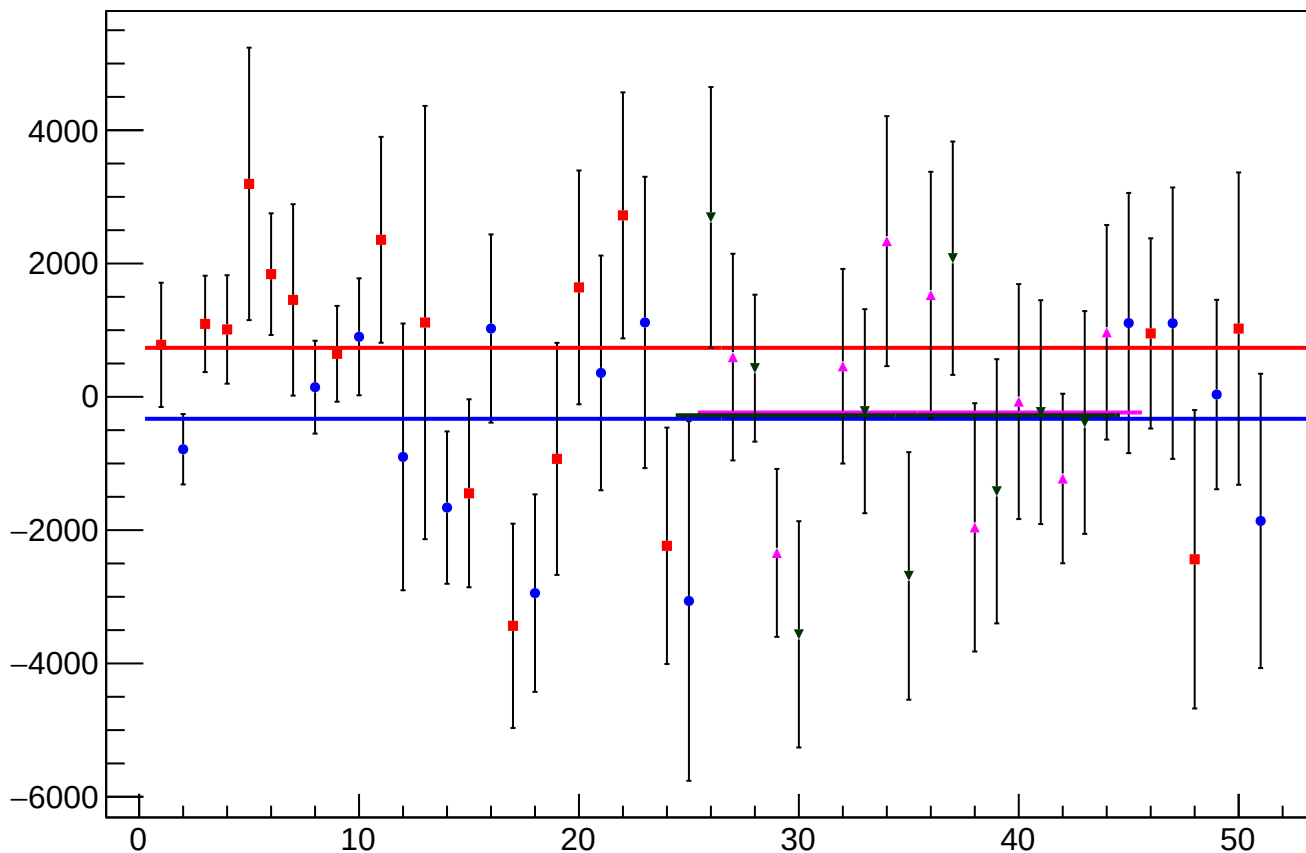
Left Out: 330.601+/-0.106 χ^2/NDF : 35957.8/8

340.373+/-0.046 χ^2/NDF : 827061.2/49

Right Out: 345.075+/-0.084 χ^2/NDF : 353498.8/17

Left In: 342.998+/-0.103 χ^2/NDF : 119222.4/8

asym_sam5_correction_mean vs slug



Right In: -329.613+/-304.385 χ^2/NDF : 11.9/13

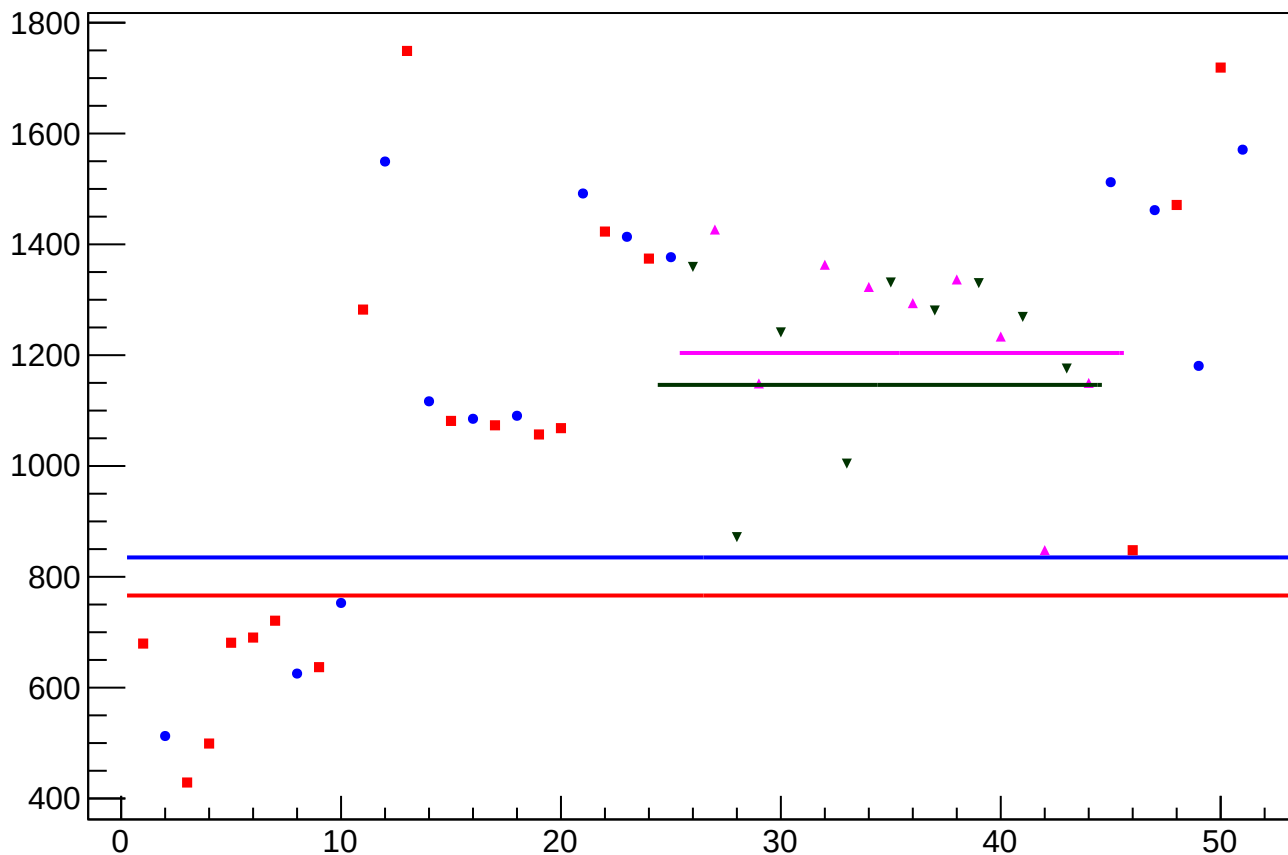
Left Out: -276.488+/-539.013 χ^2/NDF : 10.3/8

Right Out: 735.074+/-288.443 χ^2/NDF : 21.7/17

Left In: -235.272+/-519.379 χ^2/NDF : 8.1/8

115.269+/-182.691 χ^2/NDF : 59.7/49

asym_sam5_correction_rms vs slug



Right In: 834.994+/-0.215 χ^2/NDF : 2712702.7/13

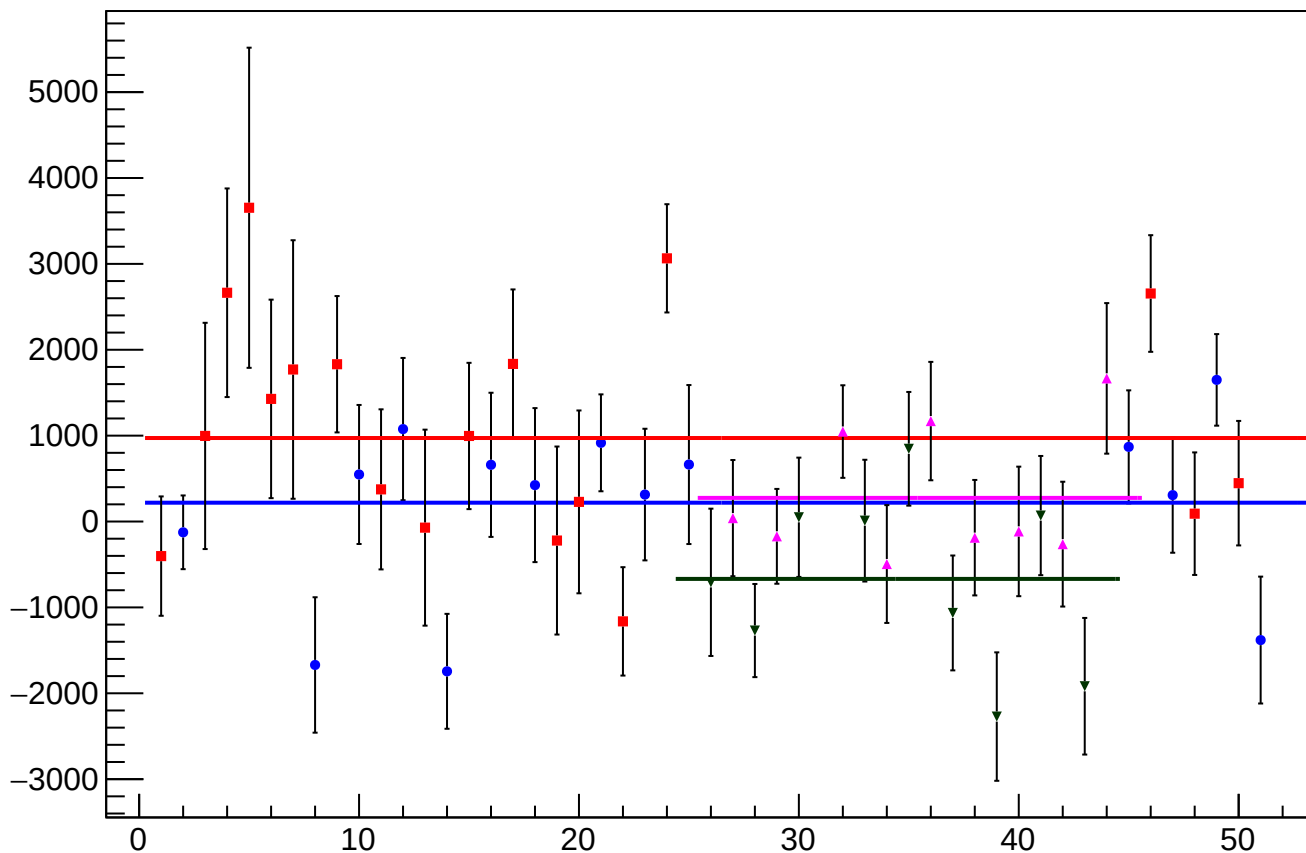
Left Out: 1146.369+/-0.381 χ^2/NDF : 231446.2/8

Right Out: 766.277+/-0.204 χ^2/NDF : 2478543.5/17

Left In: 1203.975+/-0.367 χ^2/NDF : 251275.8/8

888.851+/-0.129 χ^2/NDF : 7290499.3/49

reg_asym_sam6_mean vs slug



Right In: 219.248 $\pm$ 180.157 χ^2 /NDF: 31.2/13

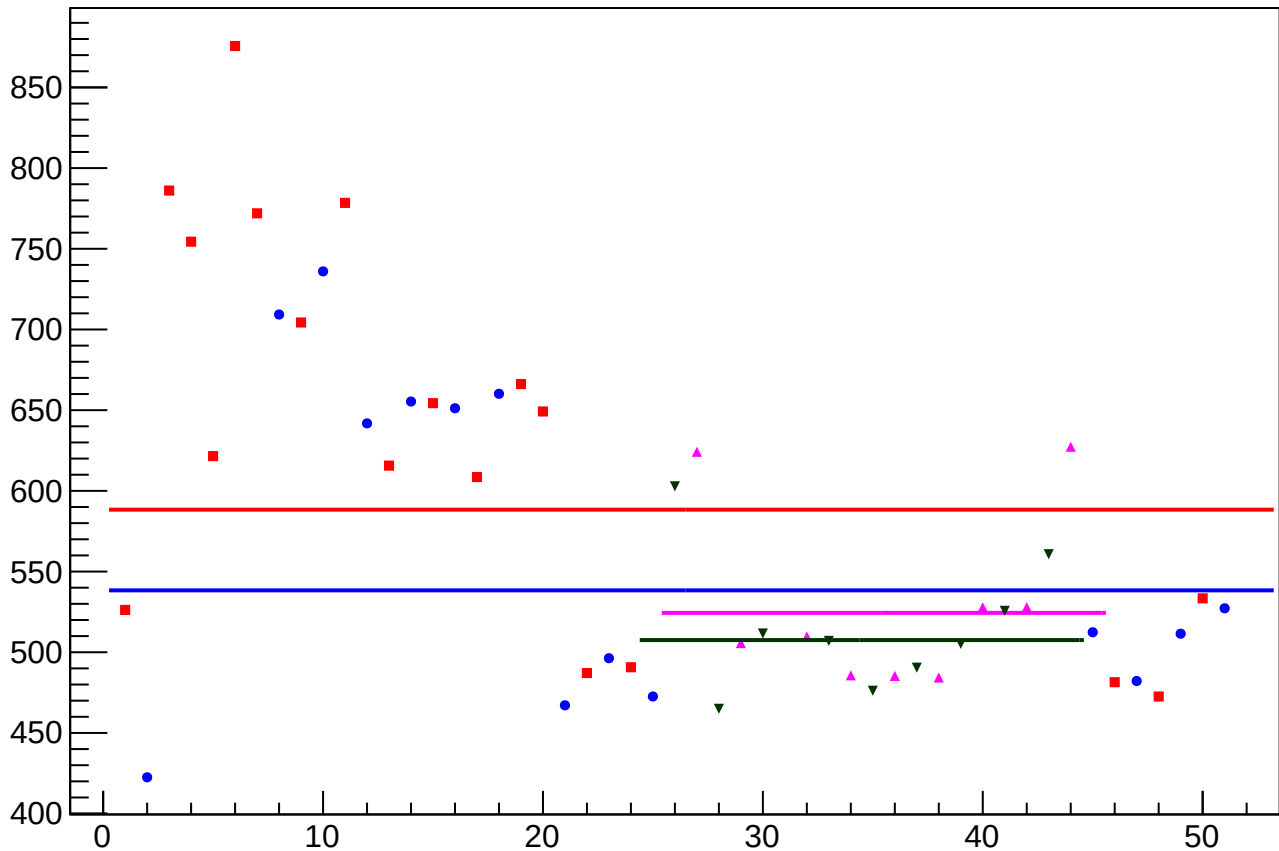
Left Out: -668.141 $\pm$ 230.723 χ^2 /NDF:17.0/8

Right Out: 972.417 $\pm$ 204.984 χ^2 /NDF: 44.1/17

Left In: 275.250 $\pm$ 221.925 χ^2 /NDF:9.6/8

244.777 $\pm$ 103.308 χ^2 /NDF: 130.2/49

reg_asym_sam6_rms vs slug



Right In: 538.351+/-0.127 χ^2/NDF : 595067.3/13

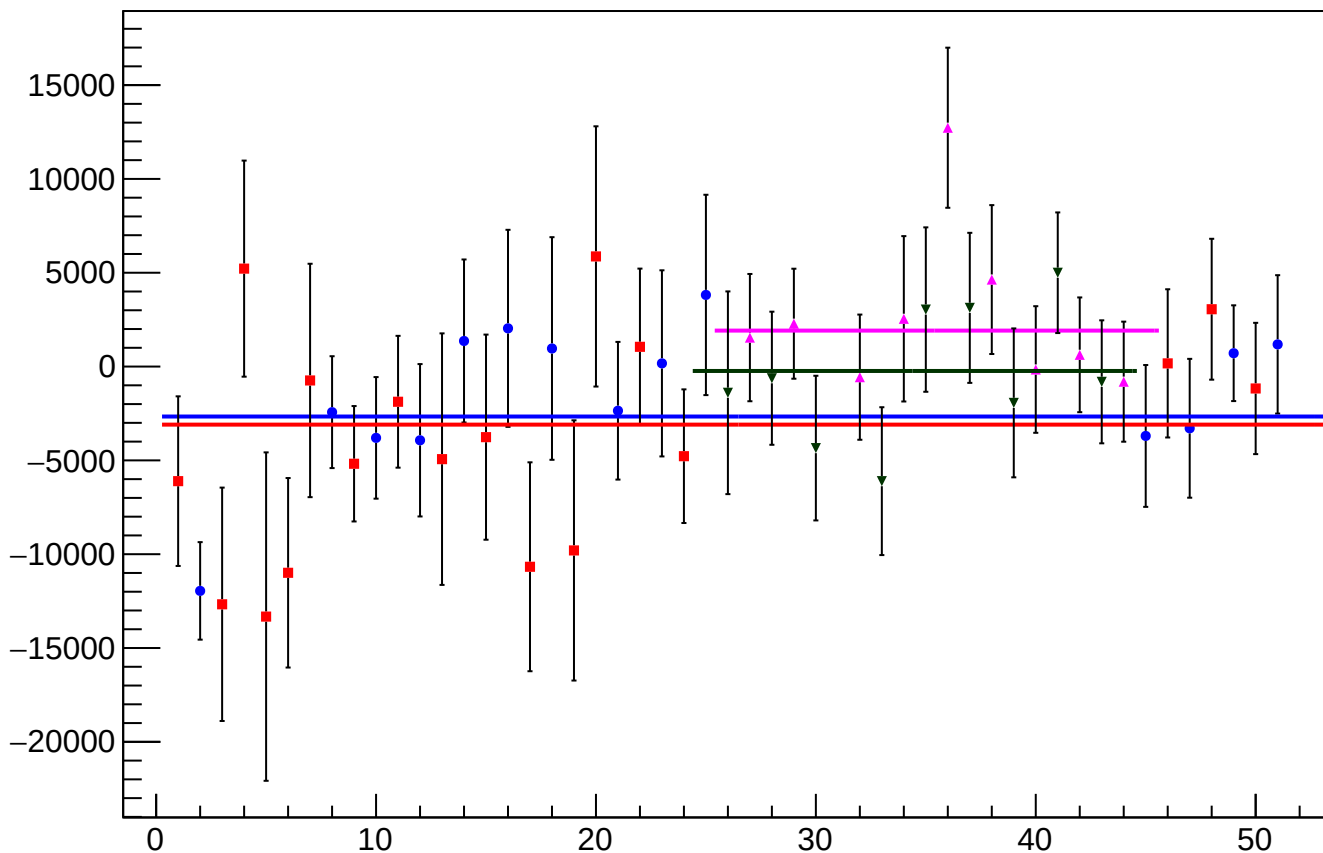
Left Out: 507.540+/-0.163 χ^2/NDF : 53222.5/8

Right Out: 588.356+/-0.145 χ^2/NDF : 622437.5/17

Left In: 524.413+/-0.157 χ^2/NDF : 94852.7/8

541.855+/-0.073 χ^2/NDF : 1525853.2/49

asym_sam6_correction_mean vs slug



Right In: -2662.650 ± 973.854 $\chi^2/\text{NDF}: 19.8/13$

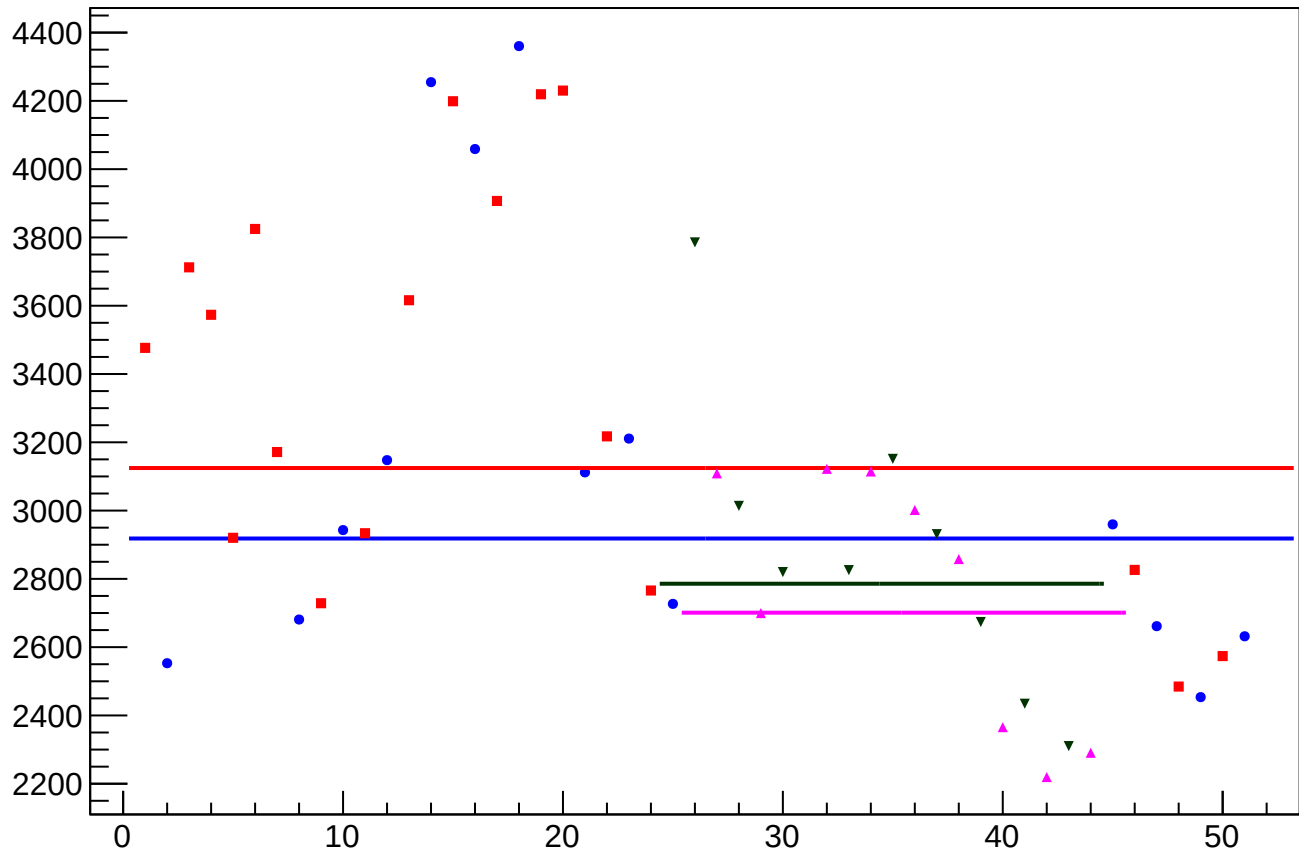
Left Out: -235.020 ± 1276.692 $\chi^2/\text{NDF}: 7.5/8$

-1264.263 ± 552.473 $\chi^2/\text{NDF}: 68.2/49$

Right Out: -3094.784 ± 1082.966 $\chi^2/\text{NDF}: 18.9/17$

Left In: 1916.764 ± 1150.358 $\chi^2/\text{NDF}: 8.8/8$

asym_sam6_correction_rms vs slug



Right In: 2918.219 $\pm$ 0.689 χ^2/NDF : 564026.4/13

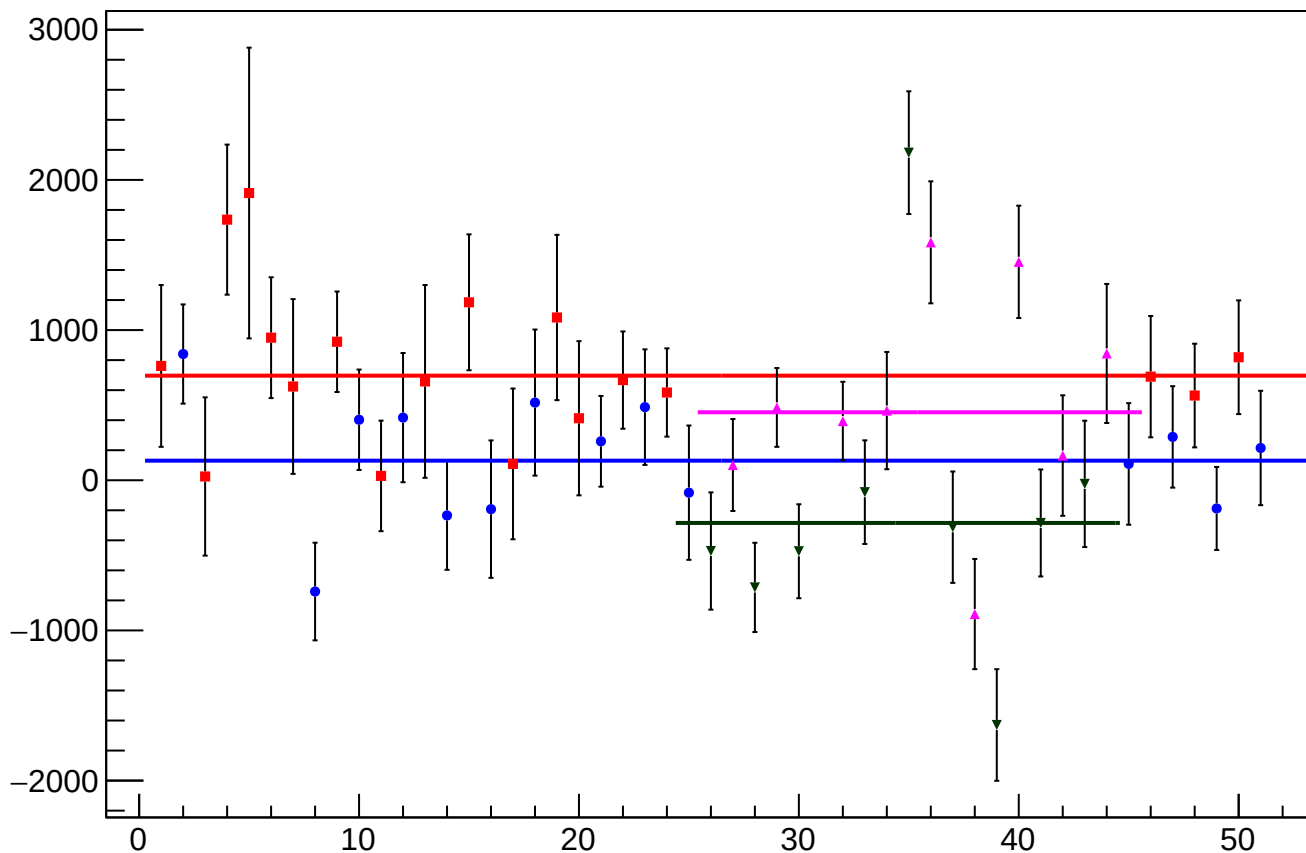
Left Out: 2785.776 $\pm$ 0.903 χ^2/NDF : 161309.1/8

Right Out: 3124.654 $\pm$ 0.766 χ^2/NDF : 489461.0/17

Left In: 2700.958 $\pm$ 0.813 χ^2/NDF : 193784.6/8

2897.031 $\pm$ 0.391 χ^2/NDF : 1571174.7/49

reg_asym_sam7_mean vs slug



Right In: 130.339+/-96.598 χ^2/NDF : 17.9/13

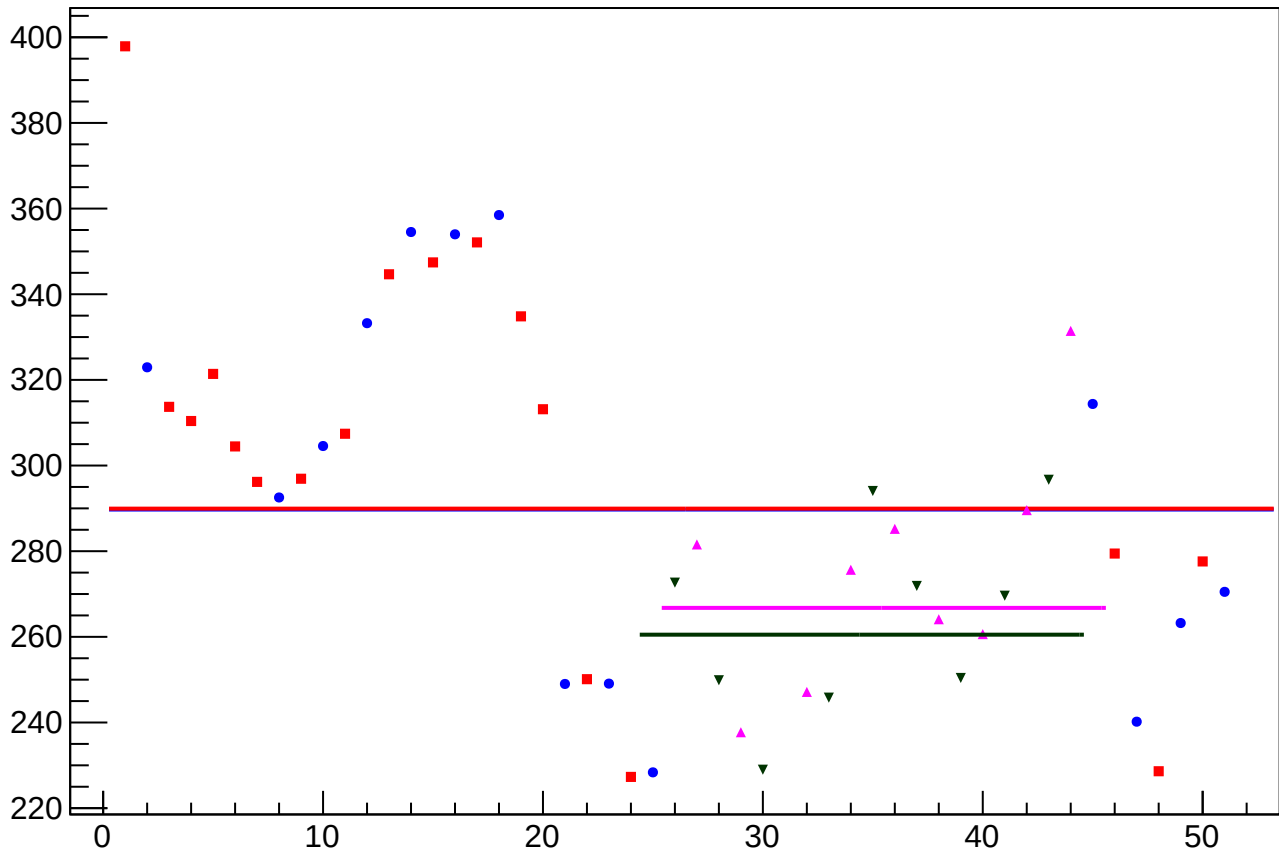
Left Out: -284.306+/-119.075 χ^2/NDF : 52.9/8

Right Out: 696.411+/-100.741 χ^2/NDF : 15.4/17

Left In: 452.715+/-113.322 χ^2/NDF : 31.0/8

276.165+/-53.142 χ^2/NDF : 161.5/49

reg_asym_sam7_rms vs slug



Right In: 289.727 $\pm$ 0.068 χ^2 /NDF: 358488.6/13

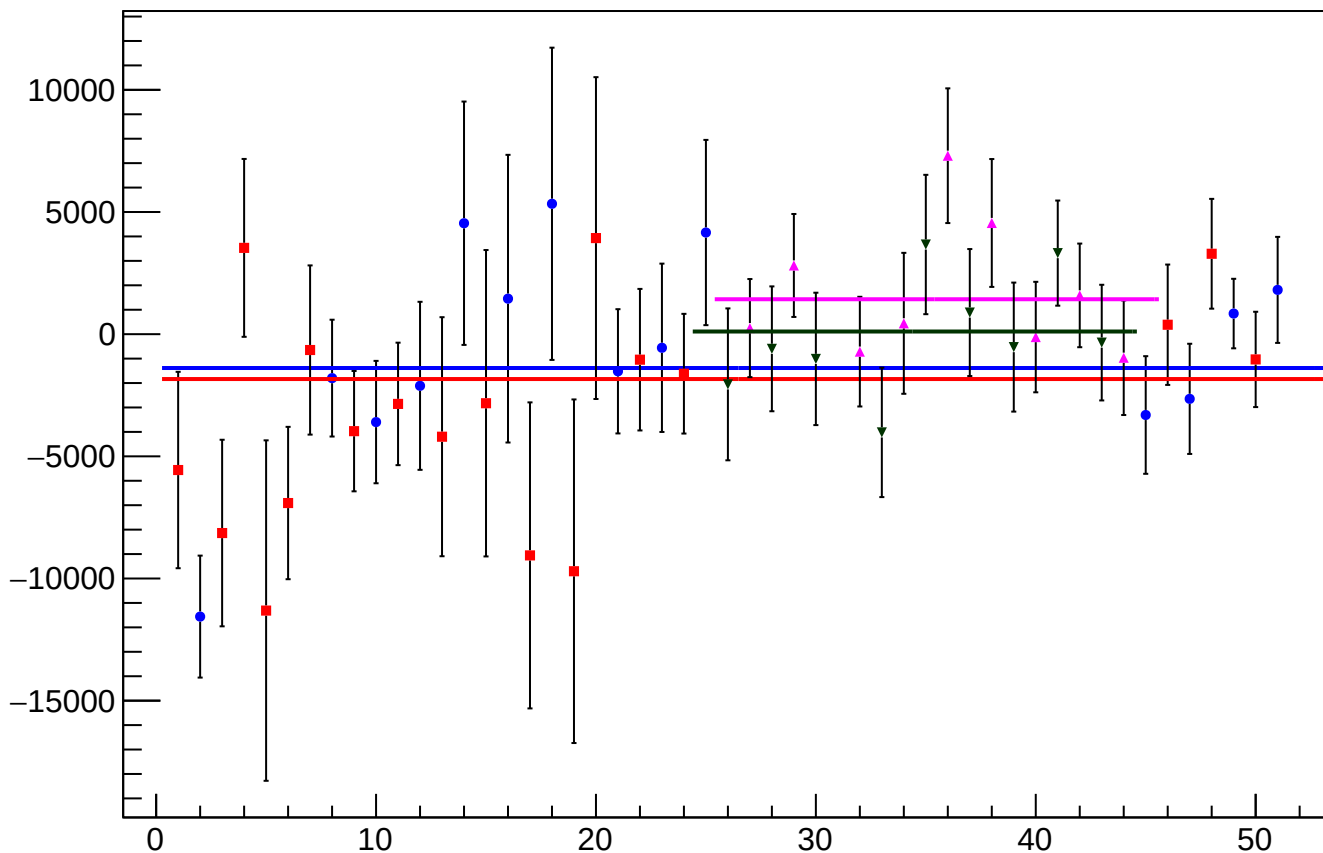
Left Out: 260.507 $\pm$ 0.084 χ^2 /NDF: 61380.6/8

Right Out: 289.939 $\pm$ 0.071 χ^2 /NDF: 380648.3/17

Left In: 266.764 $\pm$ 0.080 χ^2 /NDF: 91725.0/8

278.916 $\pm$ 0.038 χ^2 /NDF: 1012040.2/49

asym_sam7_correction_mean vs slug



Right In: -1384.862 $\pm$ 697.163 χ^2 /NDF: 28.0/13

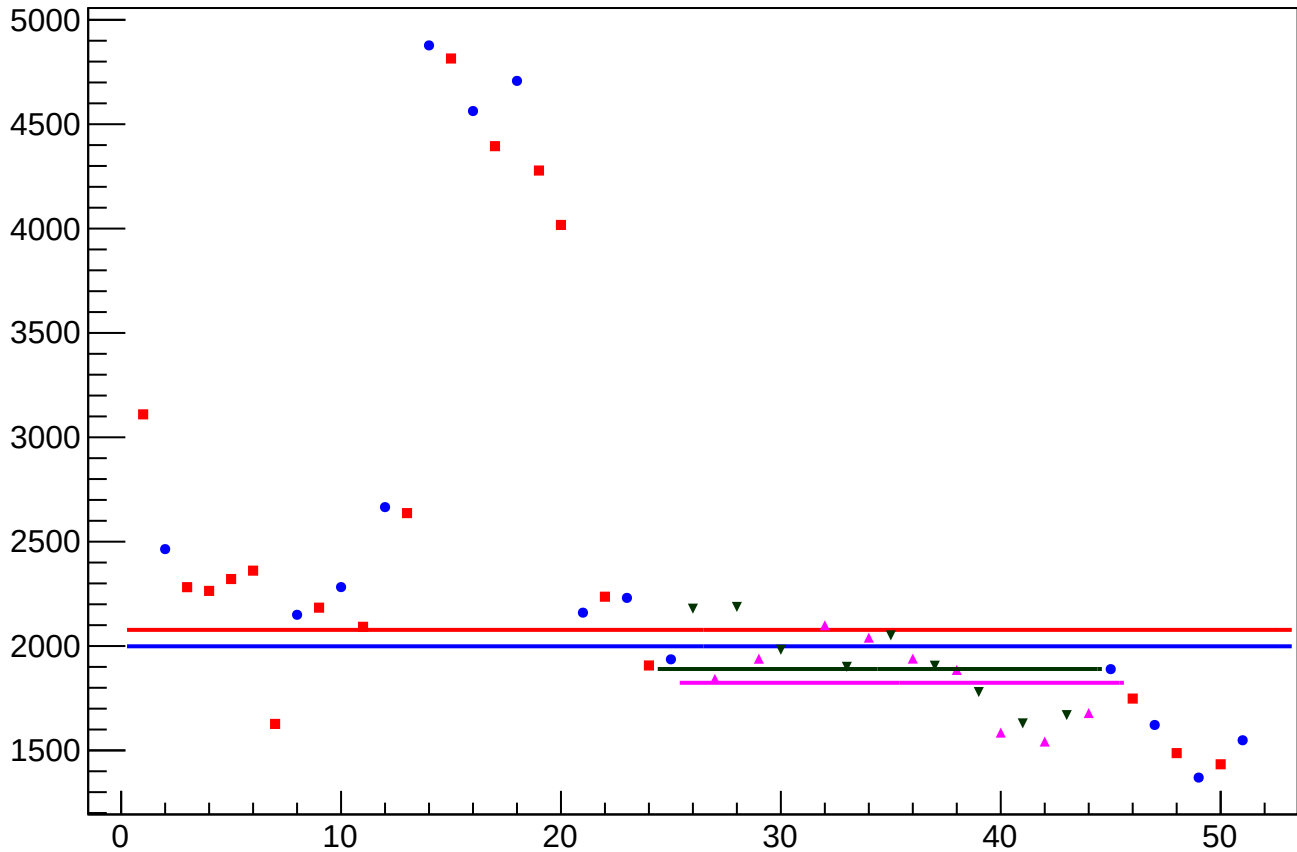
Left Out: 108.894 $\pm$ 862.435 χ^2 /NDF: 7.1/8

-524.087 $\pm$ 381.914 χ^2 /NDF: 77.1/49

Right Out: -1836.340 $\pm$ 748.584 χ^2 /NDF: 21.2/17

Left In: 1429.578 $\pm$ 773.930 χ^2 /NDF: 9.3/8

asym_sam7_correction_rms vs slug



Right In: 1998.720+/-0.493 χ^2/NDF : 2140357.2/13

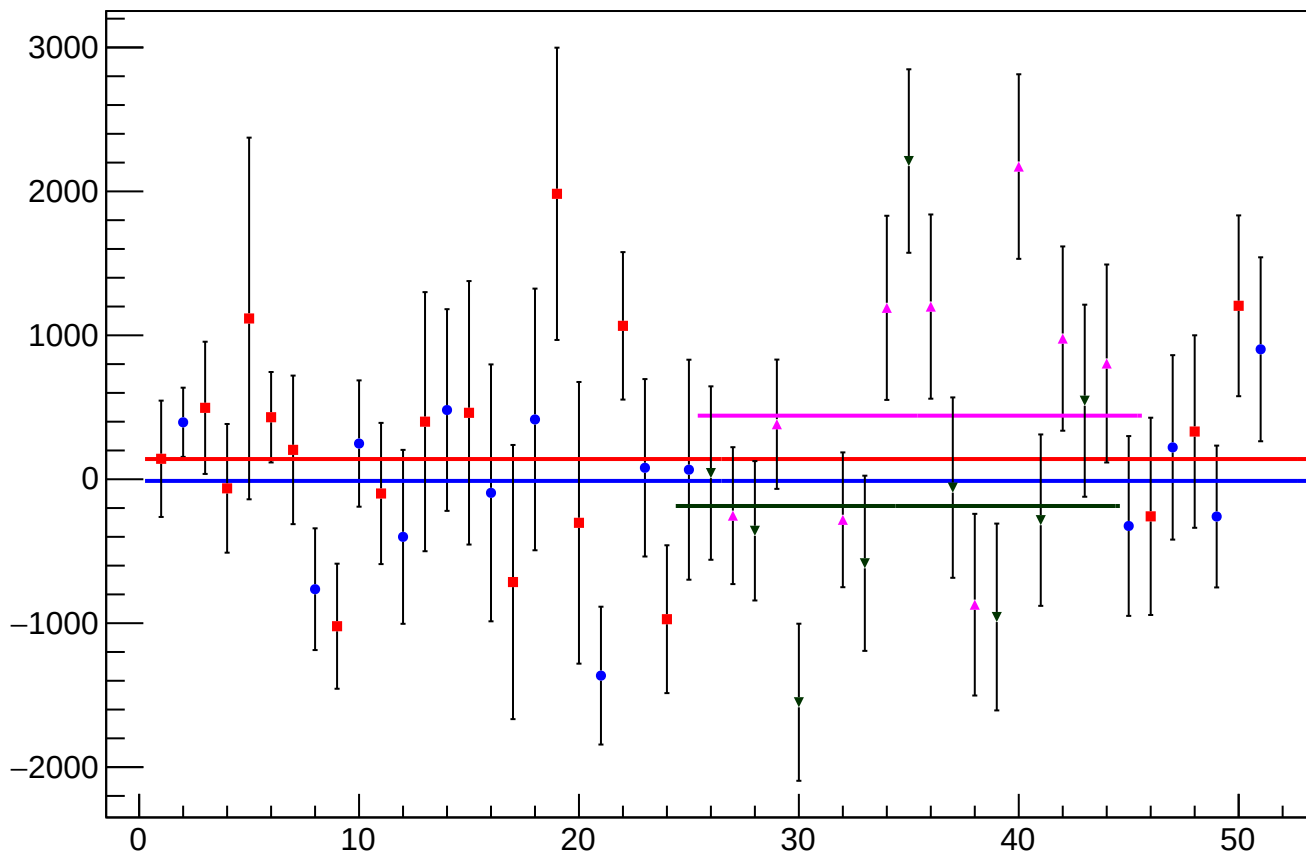
Left Out: 1889.978+/-0.610 χ^2/NDF :103461.4/8

1955.315+/-0.270 χ^2/NDF : 4149016.9/49

Right Out: 2077.436+/-0.529 χ^2/NDF : 1657770.6/17

Left In: 1823.910+/-0.547 χ^2/NDF :117312.7/8

reg_asym_sam8_mean vs slug



Right In: -11.489 ± 134.102 χ^2/NDF : 18.2/13

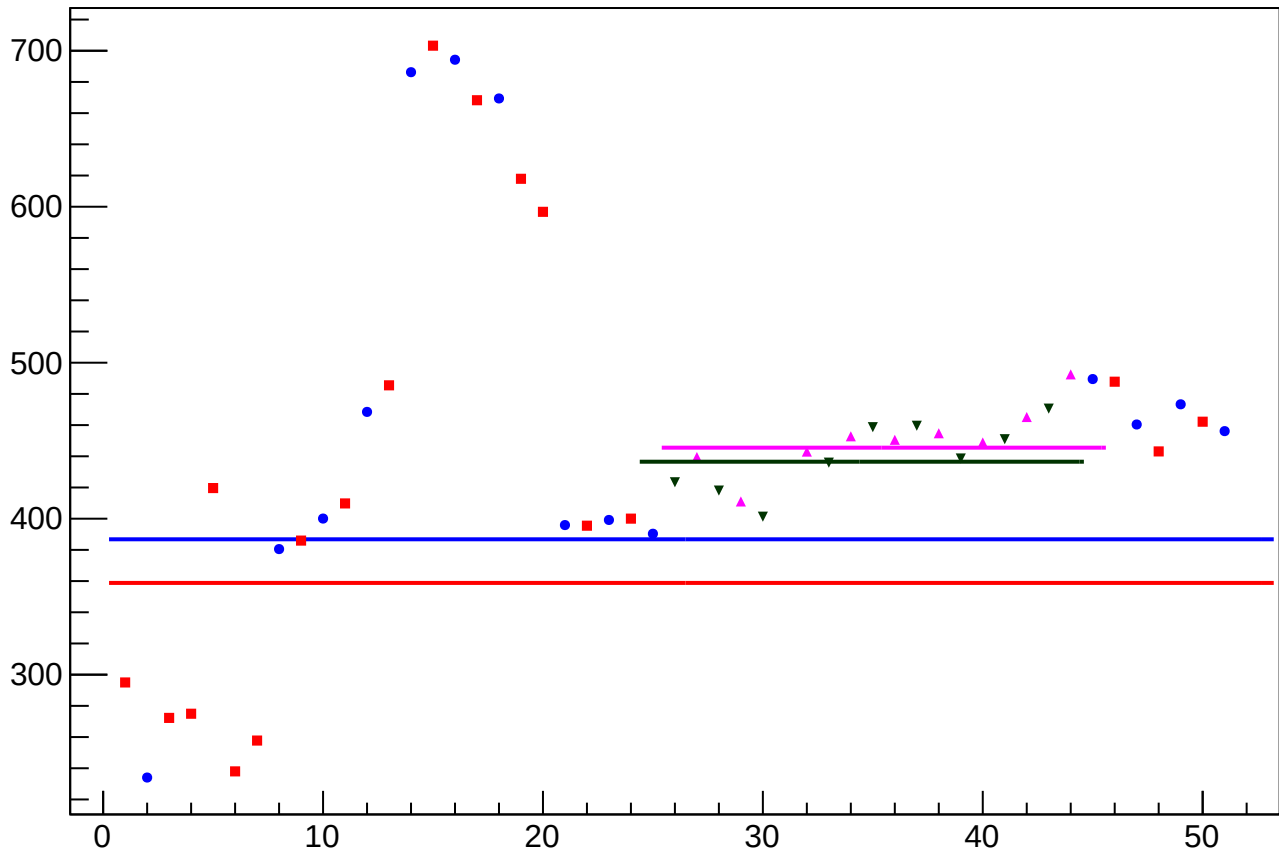
Left Out: -185.734 ± 197.924 χ^2/NDF : 23.8/8

Right Out: 140.529 ± 129.223 χ^2/NDF : 25.4/17

Left In: 441.886 ± 187.906 χ^2/NDF : 19.9/8

91.829 ± 76.845 χ^2/NDF : 93.5/49

reg_asym_sam8_rms vs slug



Right In: 386.786+/-0.095 χ^2/NDF : 1809734.5/13

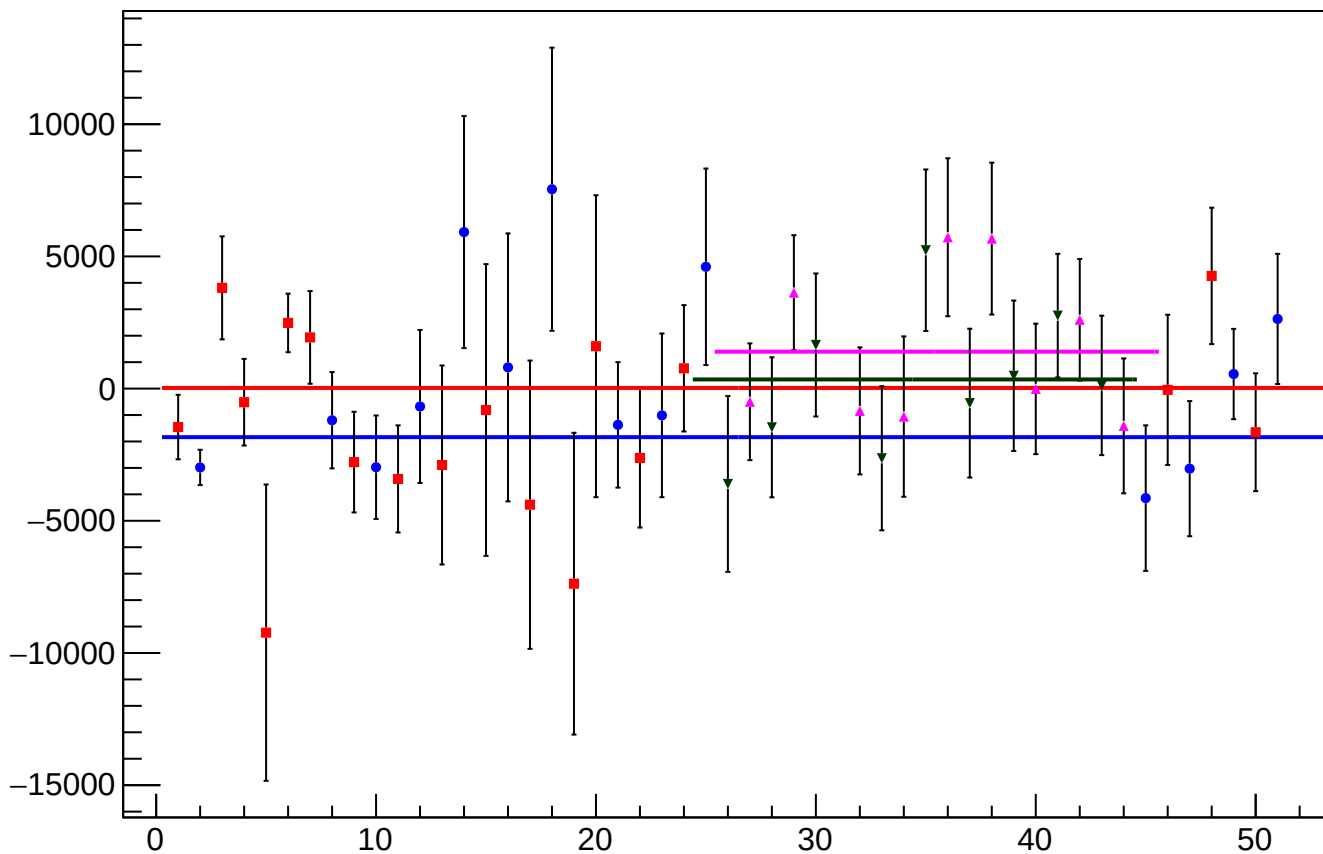
Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

394.219+/-0.054 χ^2/NDF : 3814616.2/49

Right Out: 358.818+/-0.091 χ^2/NDF : 1560122.0/17

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

asym_sam8_correction_mean vs slug



Right In: -1836.860 ± 487.905 $\chi^2/\text{NDF}: 19.3/13$

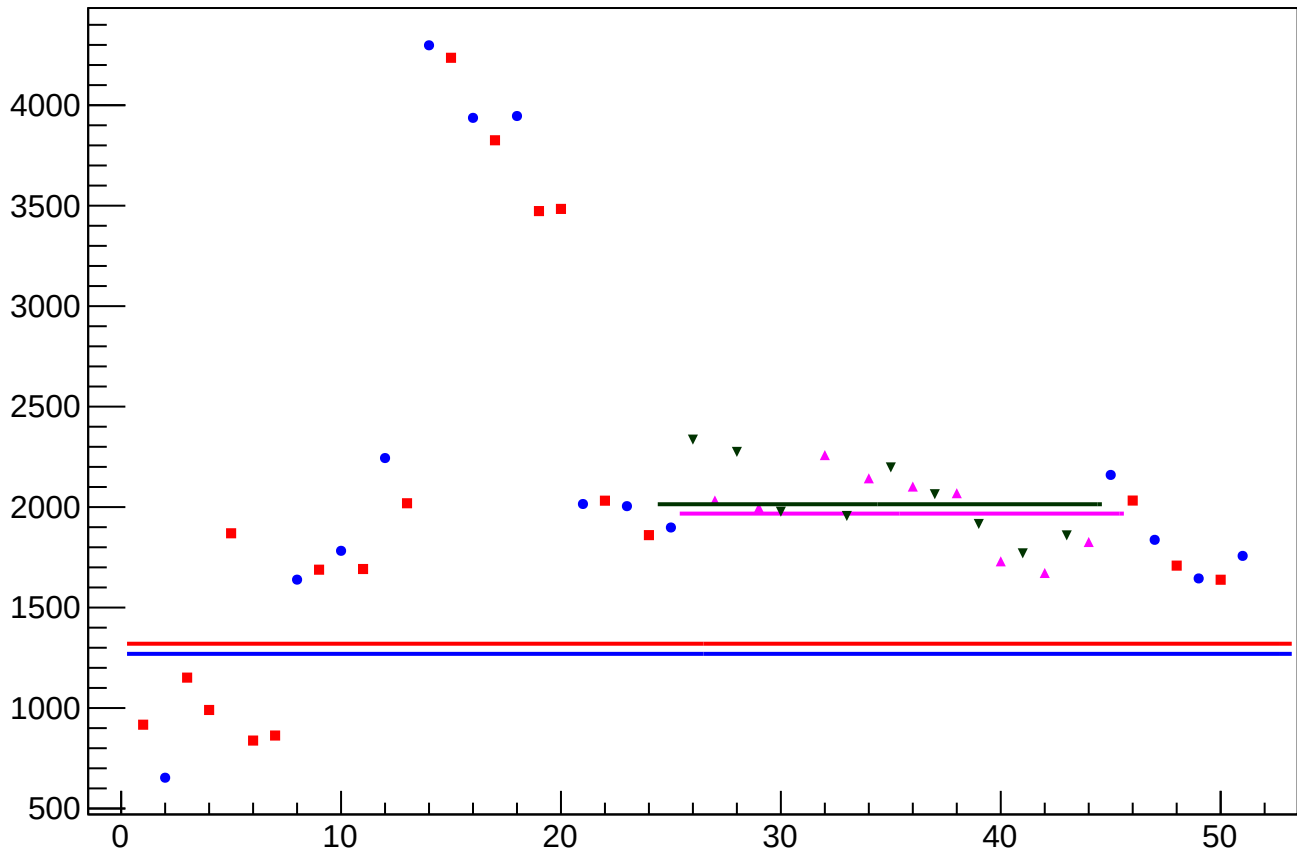
Left Out: 345.867 ± 917.400 $\chi^2/\text{NDF}: 7.0/8$

Right Out: 24.892 ± 500.333 $\chi^2/\text{NDF}: 26.7/17$

Left In: 1396.281 ± 833.383 $\chi^2/\text{NDF}: 9.5/8$

-480.016 ± 303.960 $\chi^2/\text{NDF}: 77.1/49$

asym_sam8_correction_rms vs slug



Right In: 1269.629+/-0.345 χ^2/NDF : 5009592.8/13

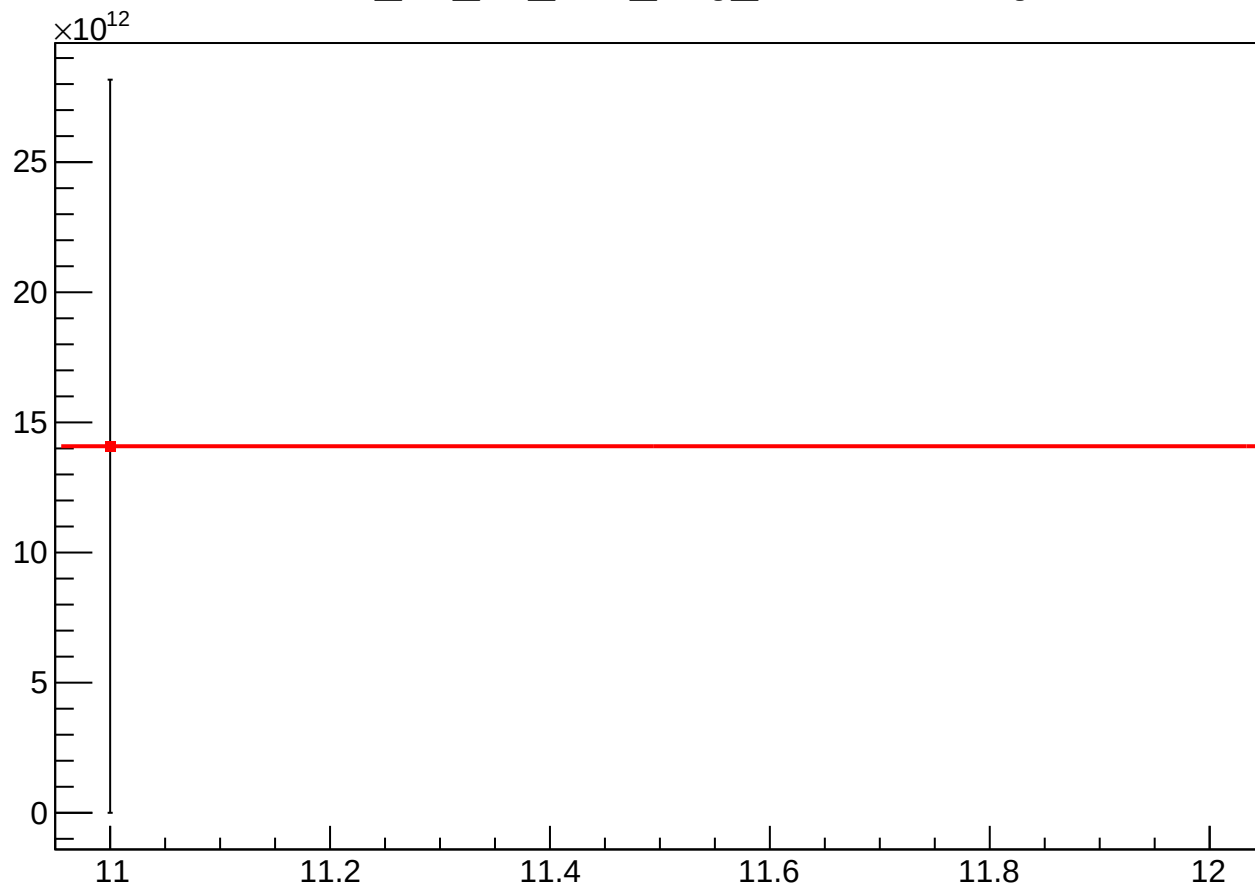
Left Out: 2014.180+/-0.649 χ^2/NDF : 78312.3/8

1462.812+/-0.215 χ^2/NDF : 10195933.5/49

Right Out: 1320.022+/-0.354 χ^2/NDF : 3072987.2/17

Left In: 1967.588+/-0.589 χ^2/NDF : 102441.7/8

bcm_an_us_ds3_avg_mean vs slug



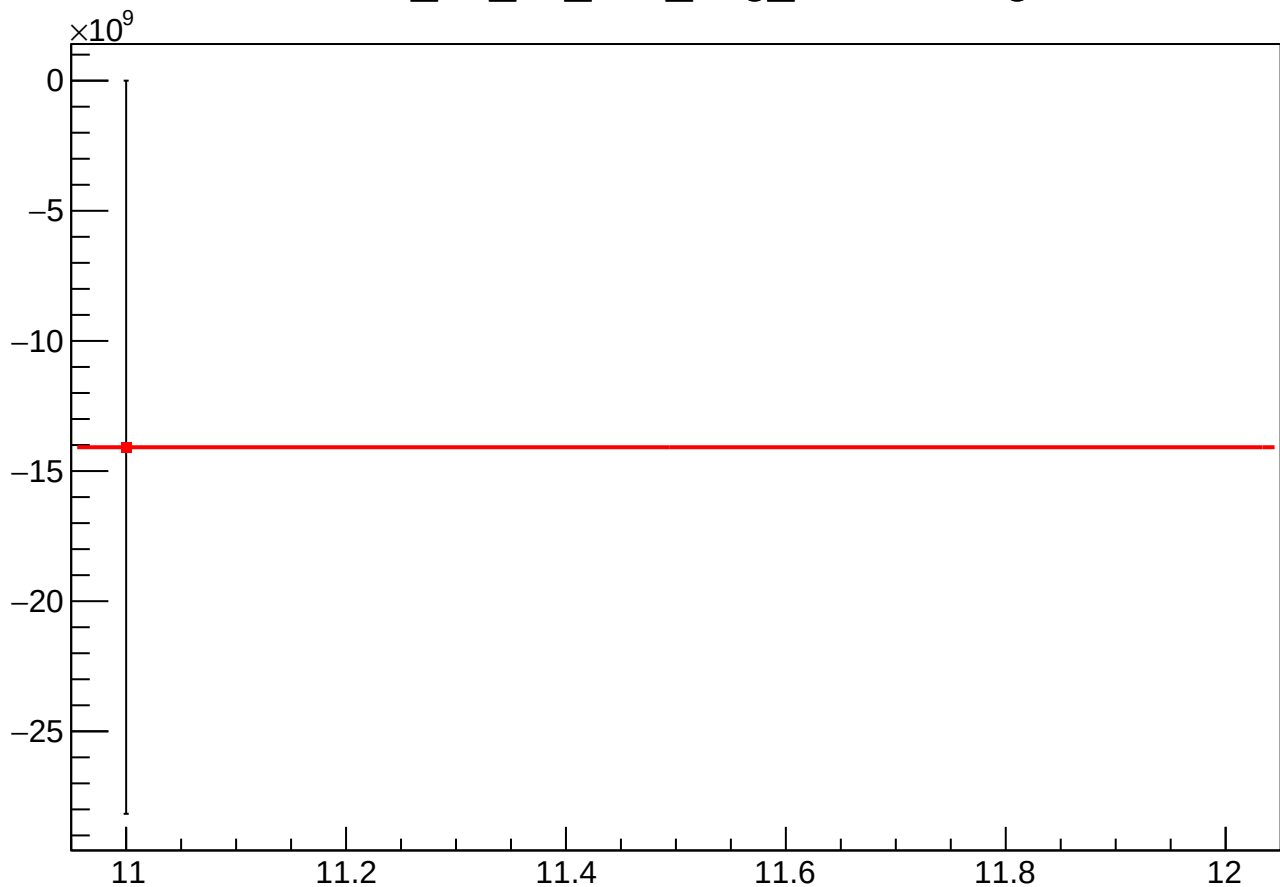
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds3_avg_rms vs slug



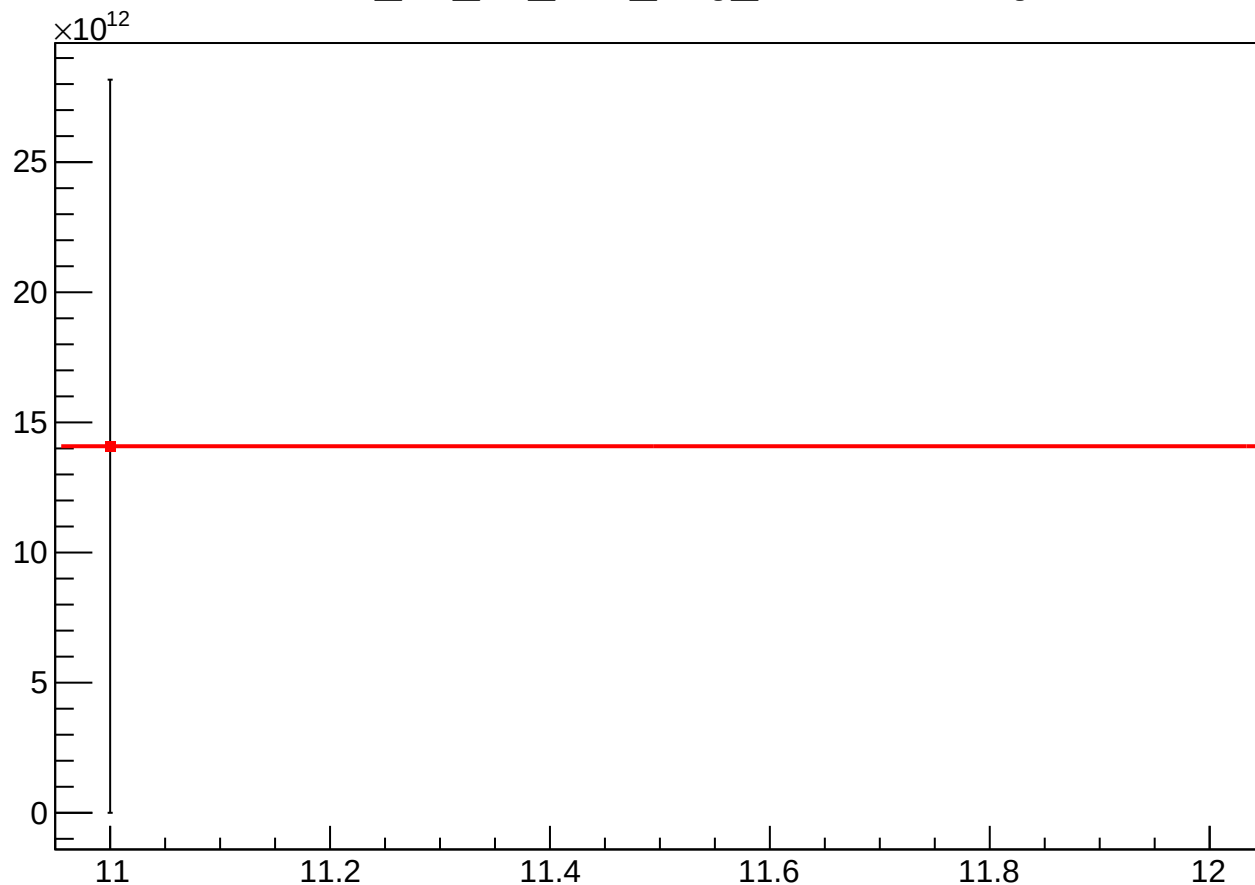
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_an_ds_ds3_avg_mean vs slug



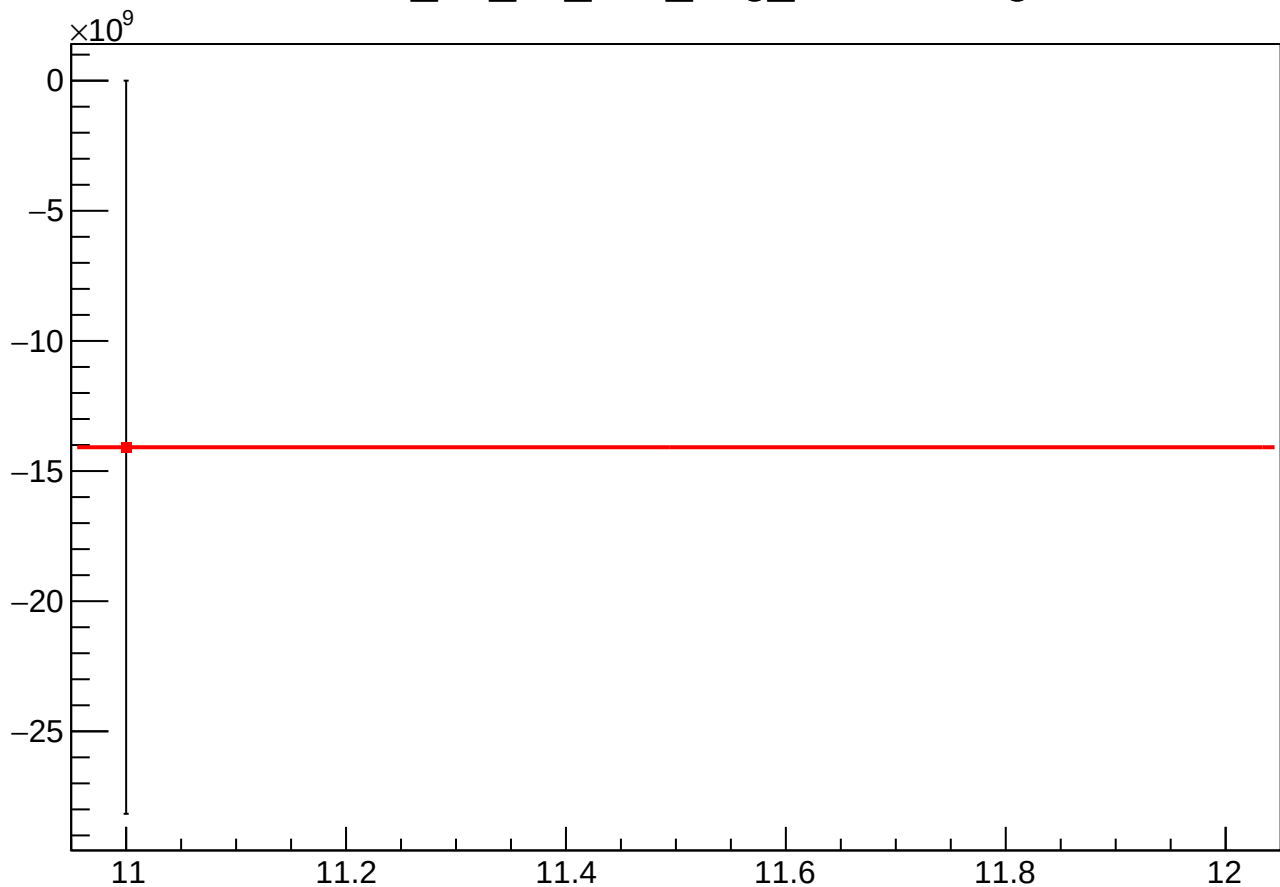
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

bcm_an_ds_ds3_avg_rms vs slug



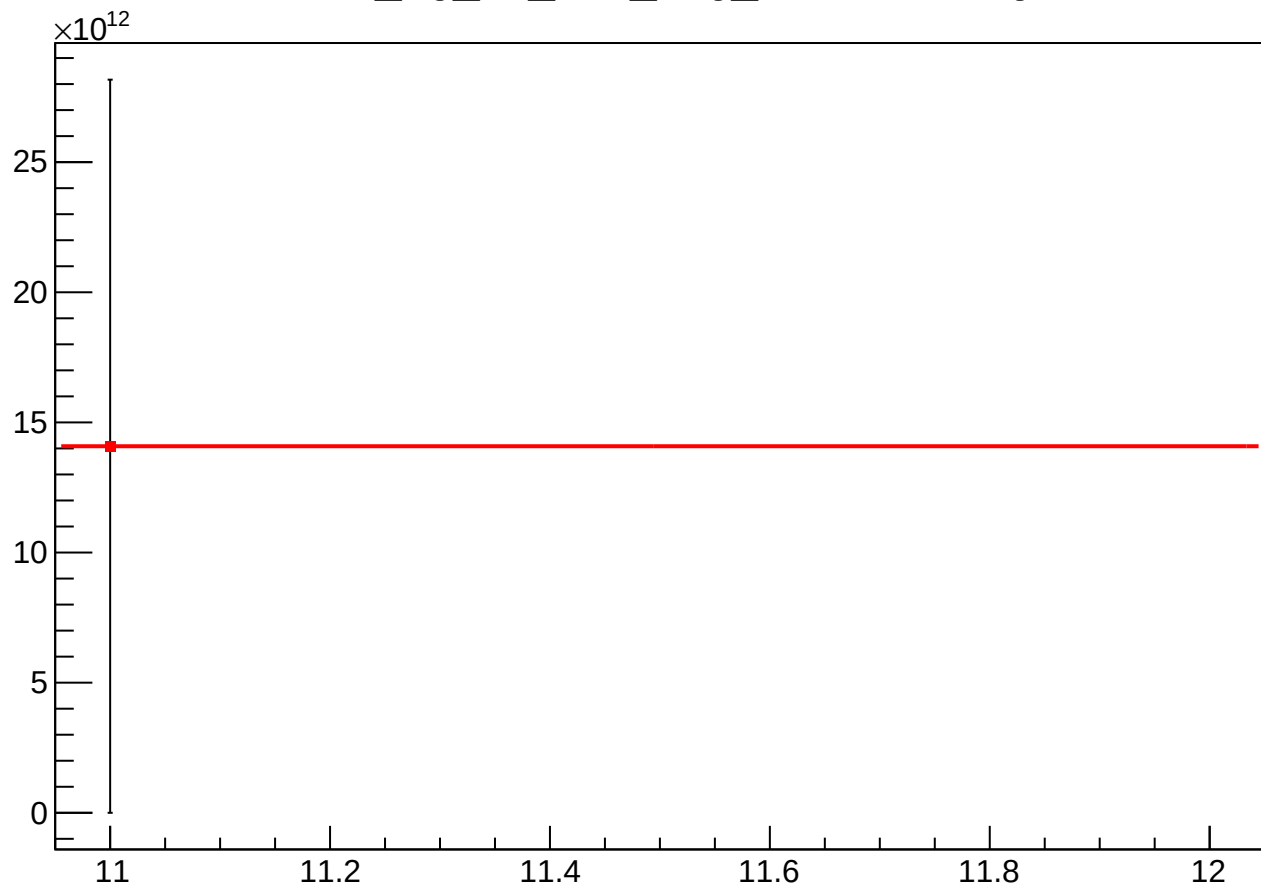
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



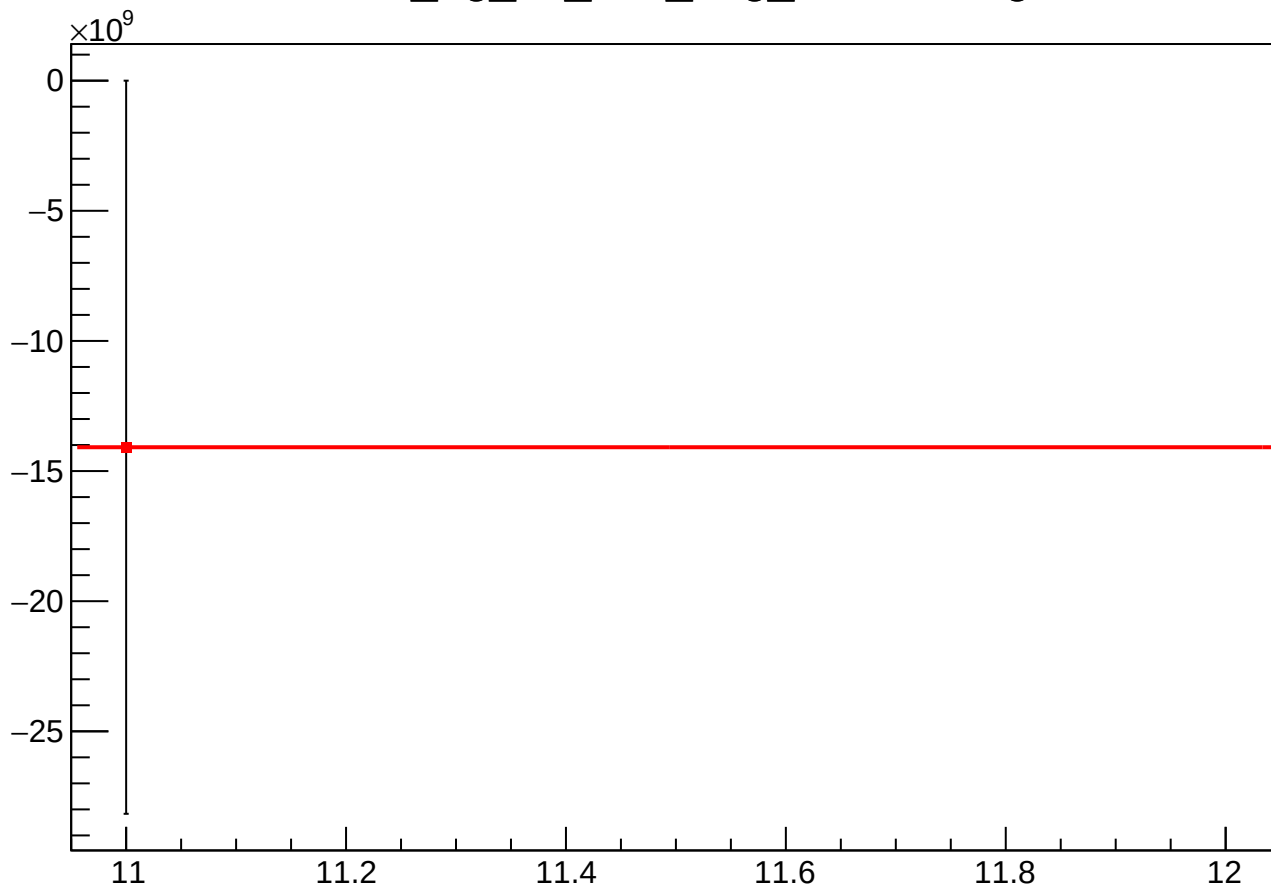
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

bcm_dg_us_ds3_avg_rms vs slug



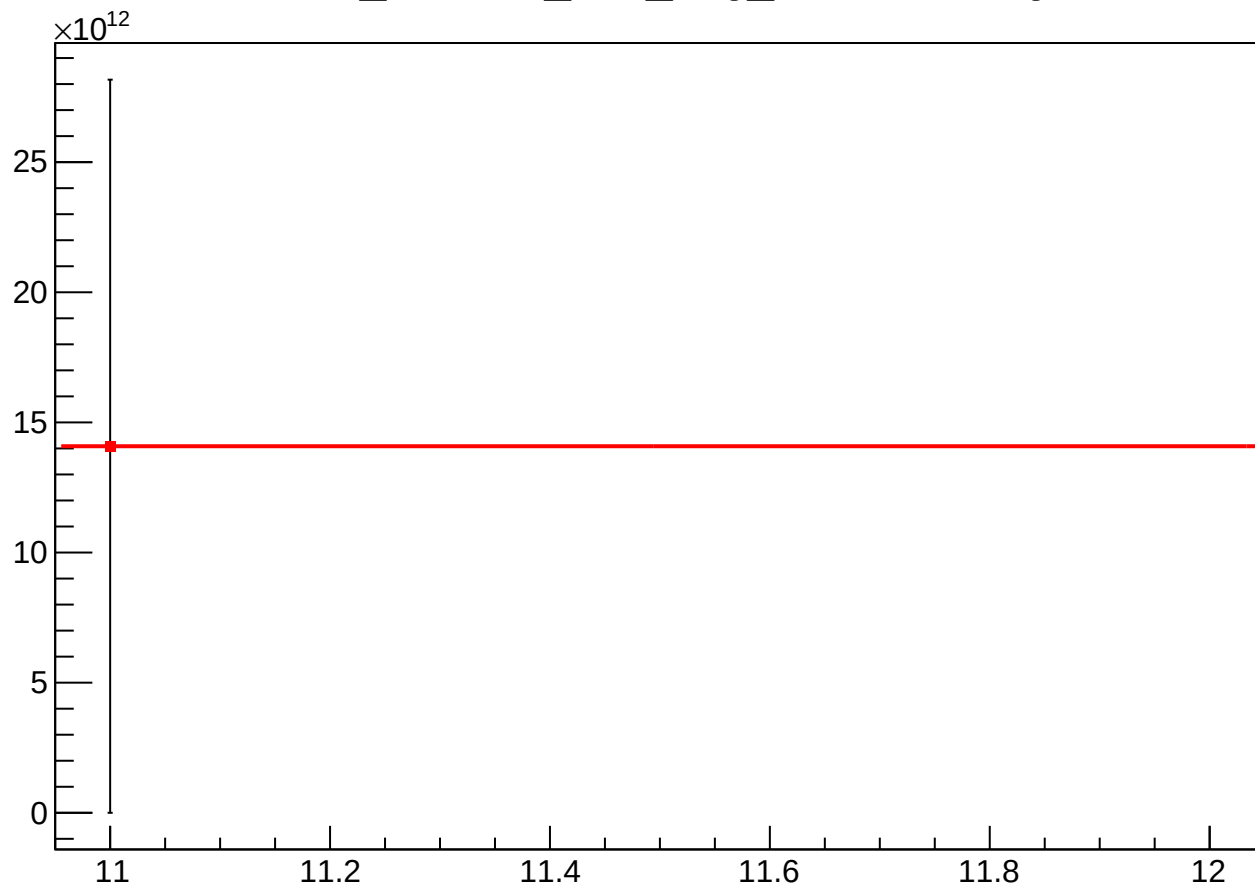
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_mean vs slug



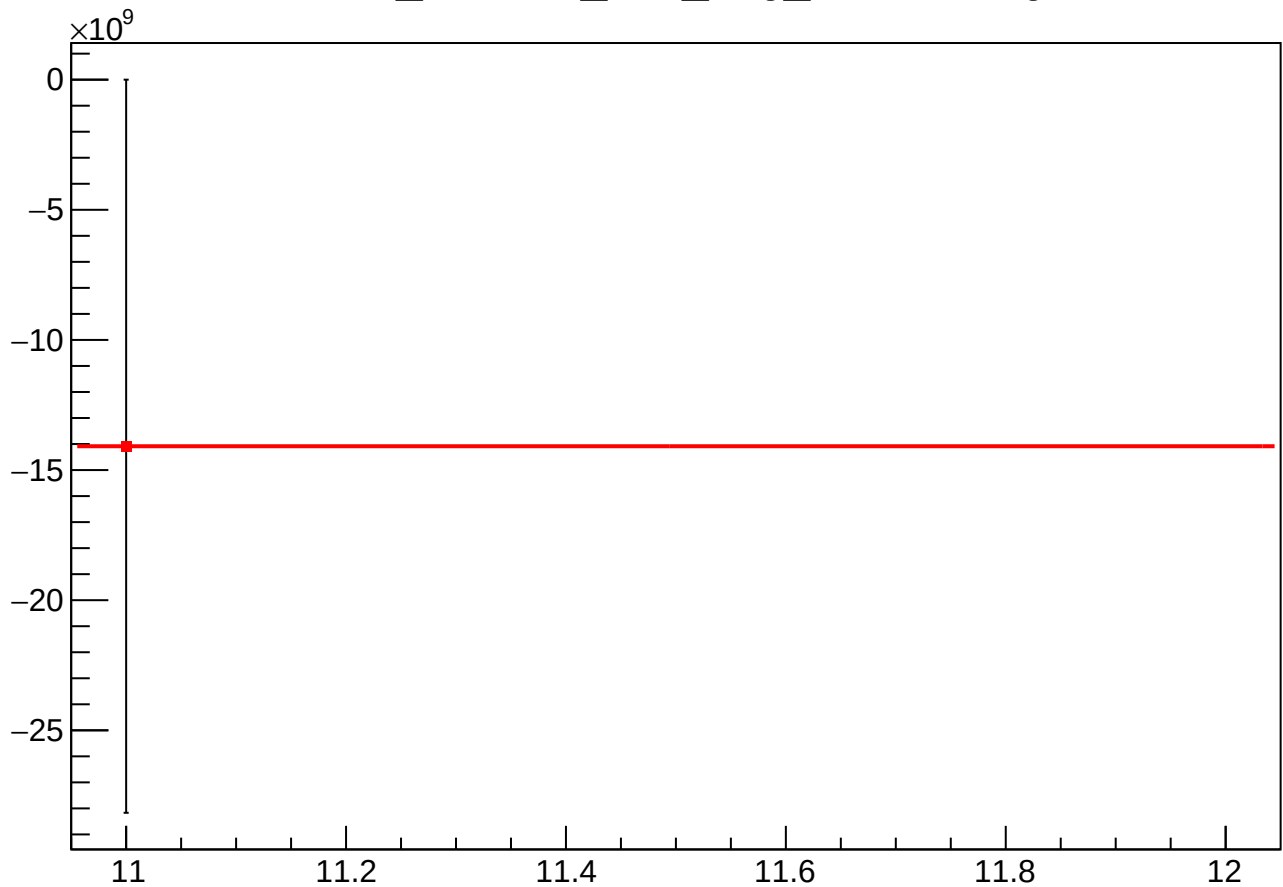
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_avg_rms vs slug



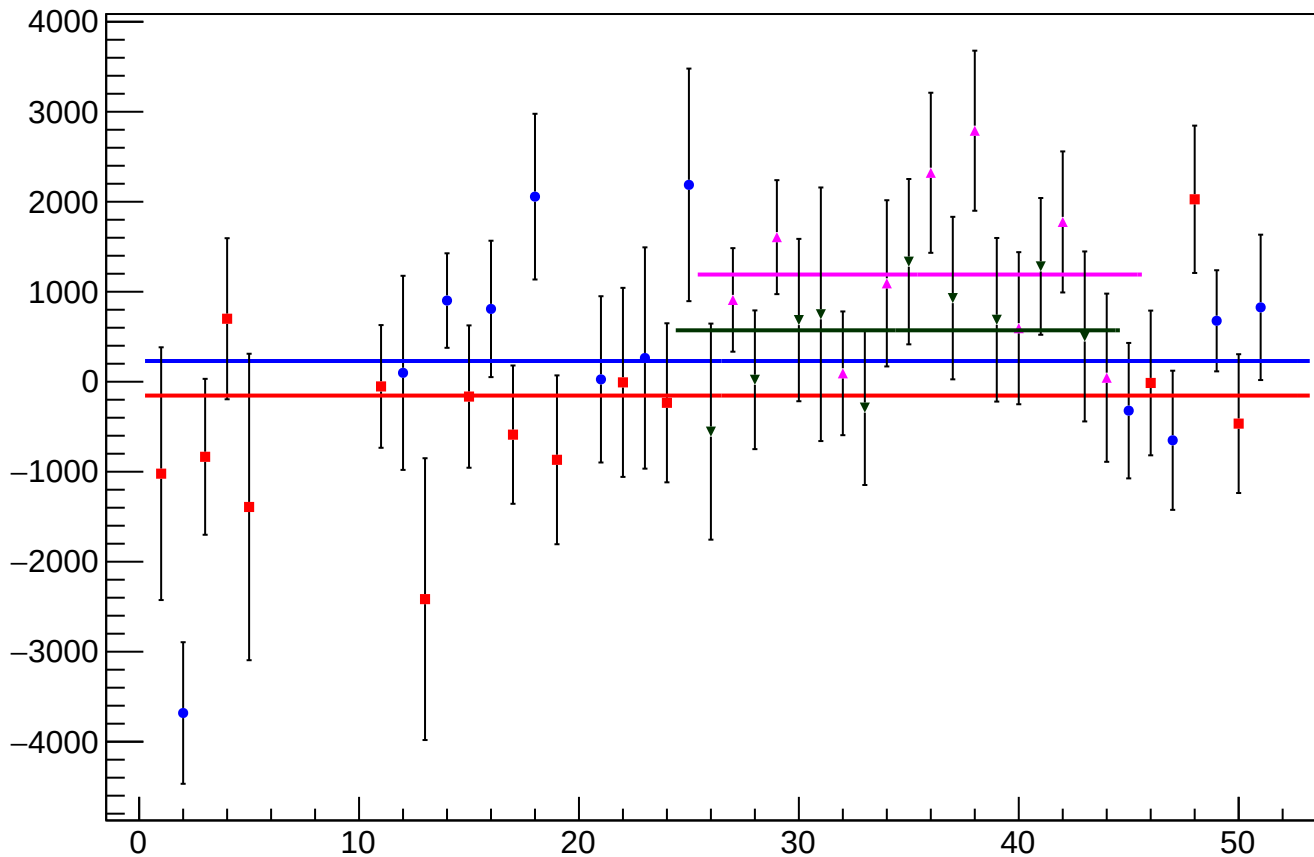
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: 230.265 $\pm$ 225.911 χ^2 /NDF: 36.2/11

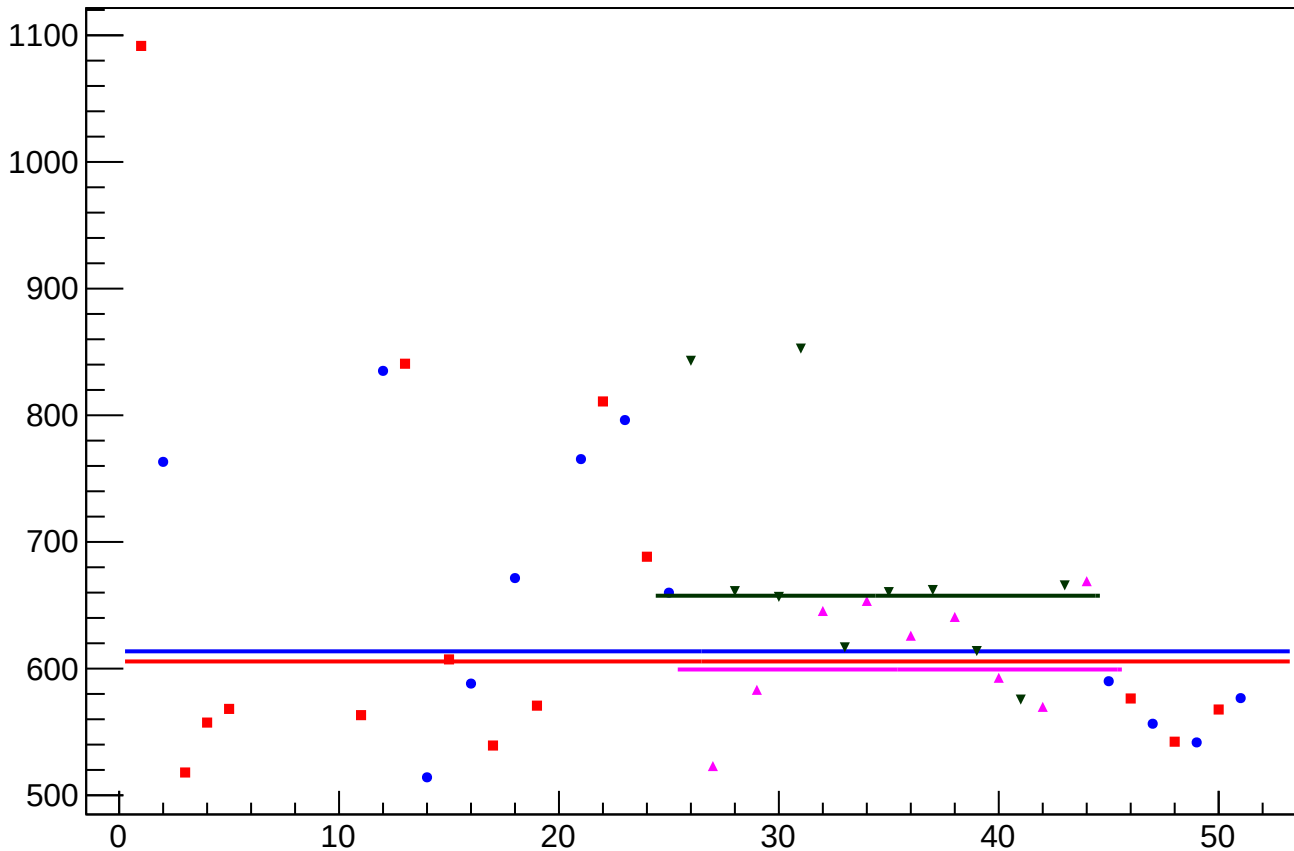
Left Out: 571.316 $\pm$ 289.447 χ^2 /NDF: 4.2/9

421.554 $\pm$ 124.649 χ^2 /NDF: 79.7/44

Right Out: -153.828 $\pm$ 240.233 χ^2 /NDF: 12.8/13

Left In: 1191.089 $\pm$ 253.972 χ^2 /NDF: 10.6/8

asym_left_avg_rms vs slug



Right In: 613.640 ± 0.160 $\chi^2/\text{NDF}: 389030.1/11$

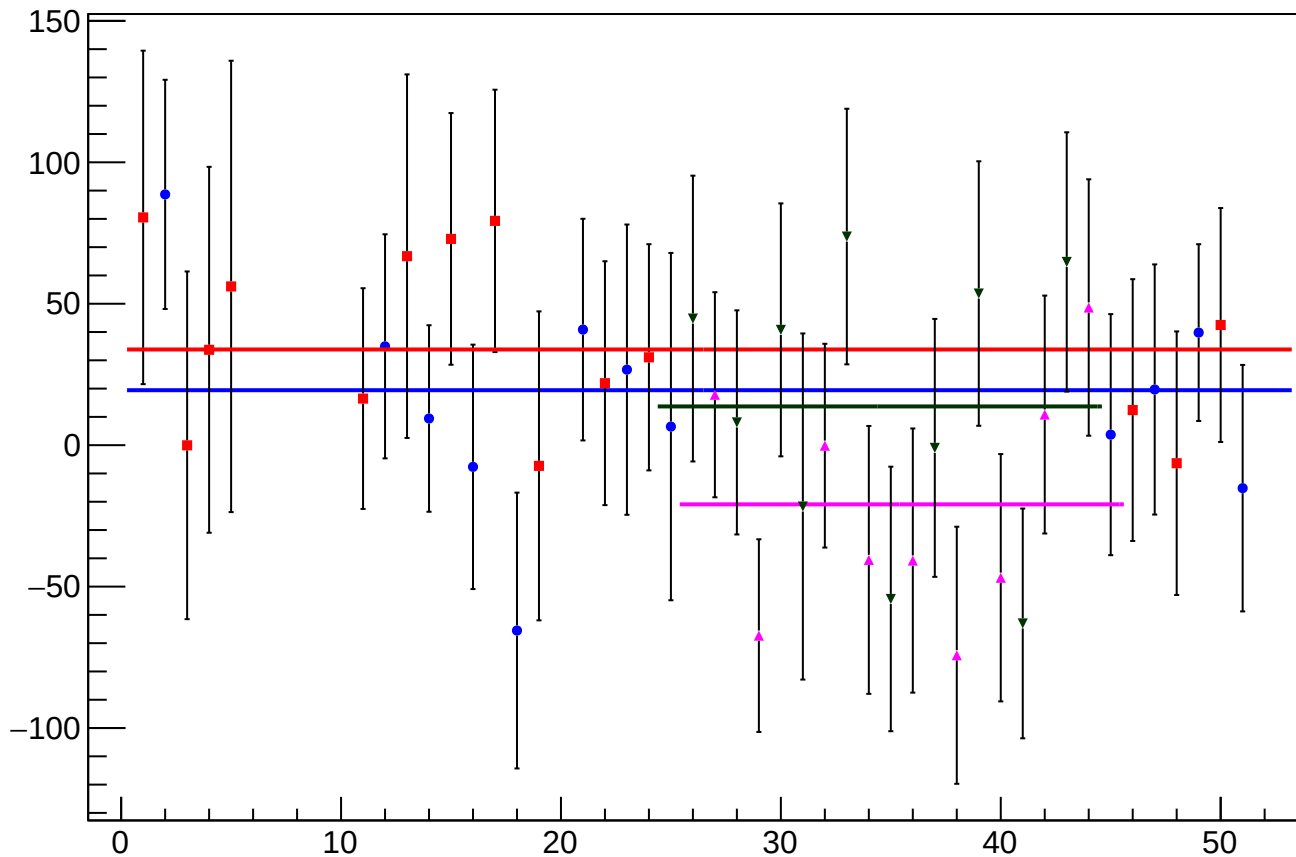
Left Out: 657.542 ± 0.205 $\chi^2/\text{NDF}: 118756.6/9$

Right Out: 605.652 ± 0.170 $\chi^2/\text{NDF}: 450619.2/13$

Left In: 599.294 ± 0.180 $\chi^2/\text{NDF}: 72539.4/8$

616.176 ± 0.088 $\chi^2/\text{NDF}: 1084722.3/44$

asym_left_dd_mean vs slug



Right In: 19.433 $\pm$ 11.924 χ^2 /NDF: 8.2/11

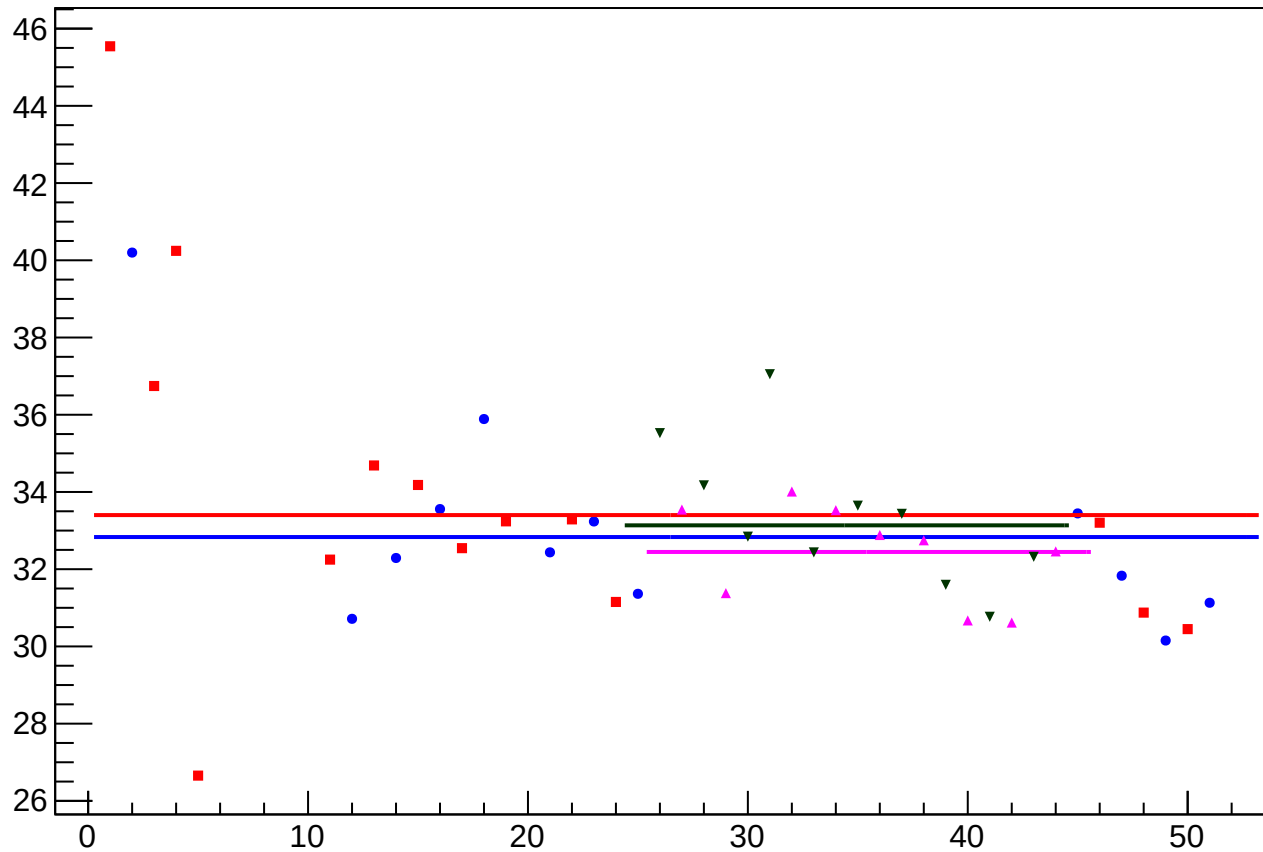
Left Out: 13.695 $\pm$ 14.488 χ^2 /NDF:10.6/9

Right Out: 33.833 $\pm$ 13.098 χ^2 /NDF: 4.9/13

Left In: -20.919 $\pm$ 13.661 χ^2 /NDF:8.3/8

12.489 $\pm$ 6.596 χ^2 /NDF: 41.0/44

asym_left_dd_rms vs slug



Right In: 32.833+/-0.008 χ^2/NDF : 101481.7/11

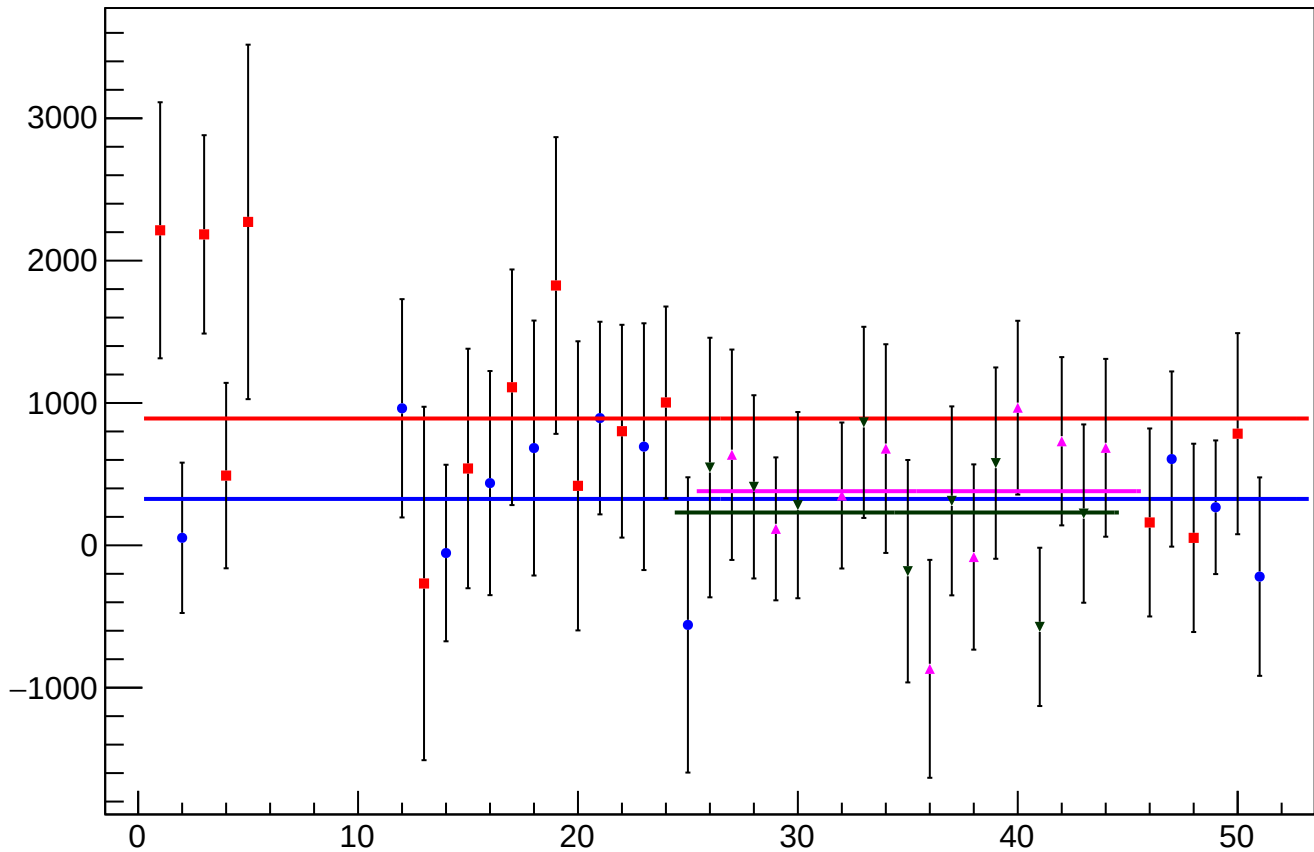
Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

32.950+/-0.005 χ^2/NDF : 301334.7/44

Right Out: 33.401+/-0.009 χ^2/NDF : 153773.5/13

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

asym_right_avg_mean vs slug



Right In: 325.969 ± 202.331 $\chi^2/\text{NDF}: 4.0/10$

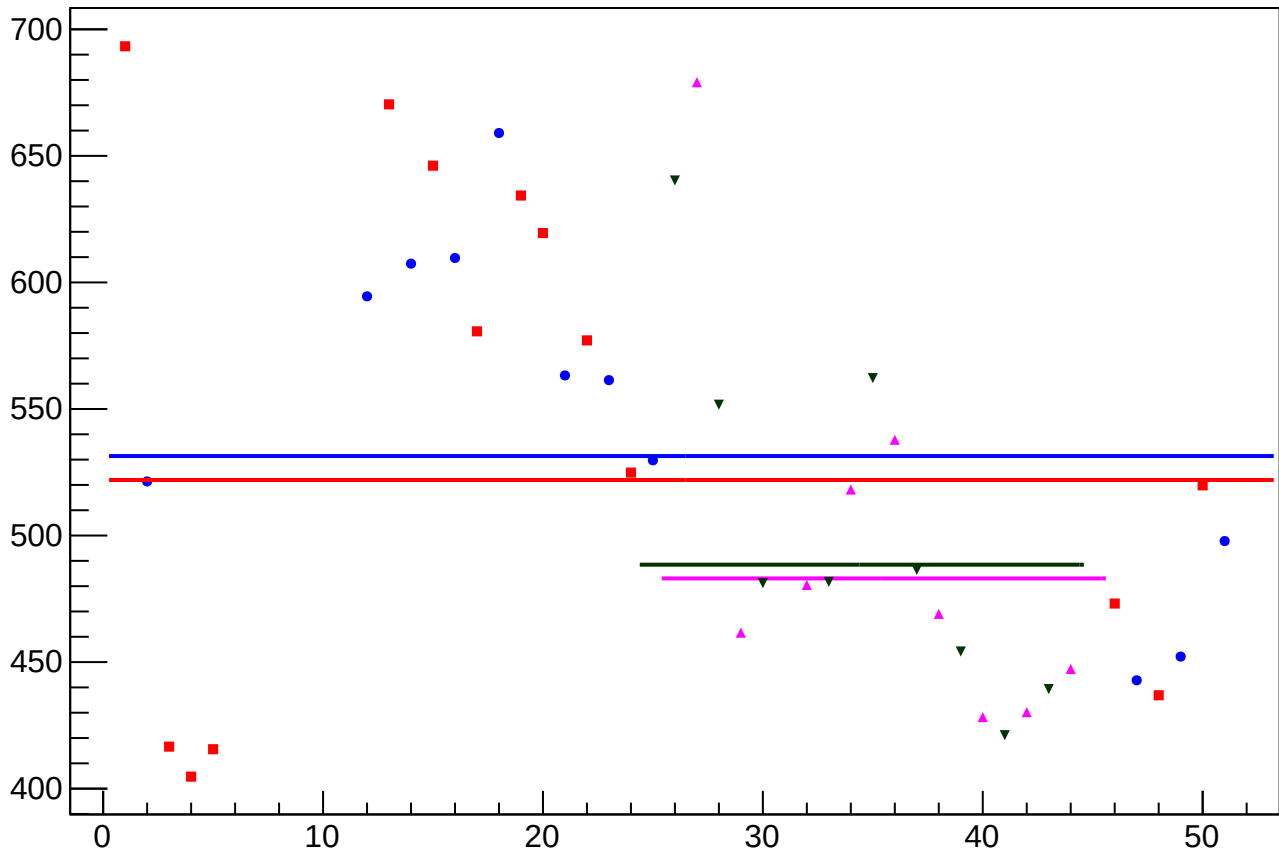
Left Out: 230.682 ± 223.170 $\chi^2/\text{NDF}: 3.7/8$

Right Out: 891.025 ± 211.841 $\chi^2/\text{NDF}: 12.2/13$

Left In: 380.345 ± 205.678 $\chi^2/\text{NDF}: 5.2/8$

458.268 ± 105.160 $\chi^2/\text{NDF}: 31.0/42$

asym_right_avg_rms vs slug



Right In: 531.406+/-0.143 χ^2/NDF : 214594.3/10

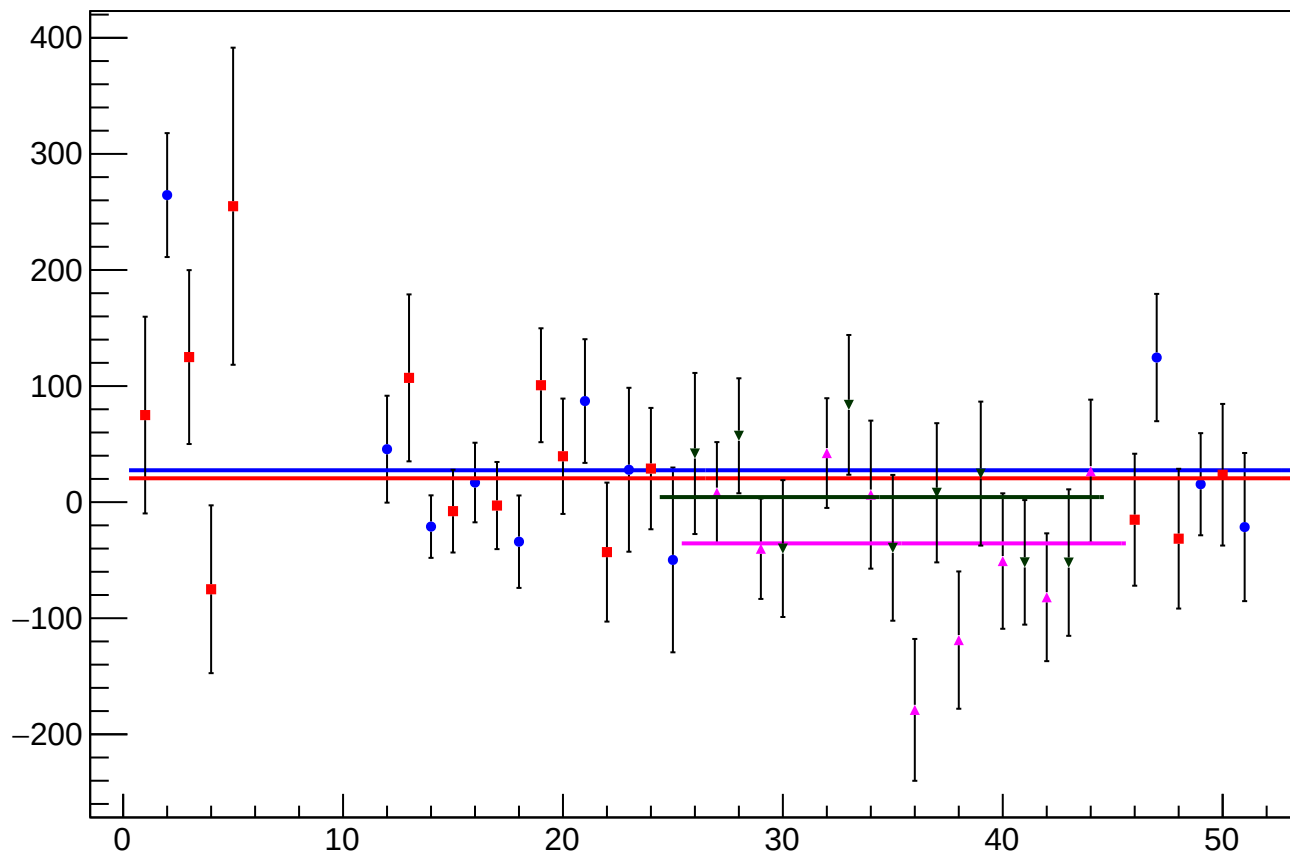
Left Out: 488.486+/-0.158 χ^2/NDF : 139883.7/8

506.908+/-0.074 χ^2/NDF : 1009806.4/42

Right Out: 521.950+/-0.150 χ^2/NDF : 376545.9/13

Left In: 483.060+/-0.145 χ^2/NDF : 198862.0/8

asym_right_dd_mean vs slug



Right In: 27.467 $\pm$ 13.498 χ^2 /NDF: 31.6/10

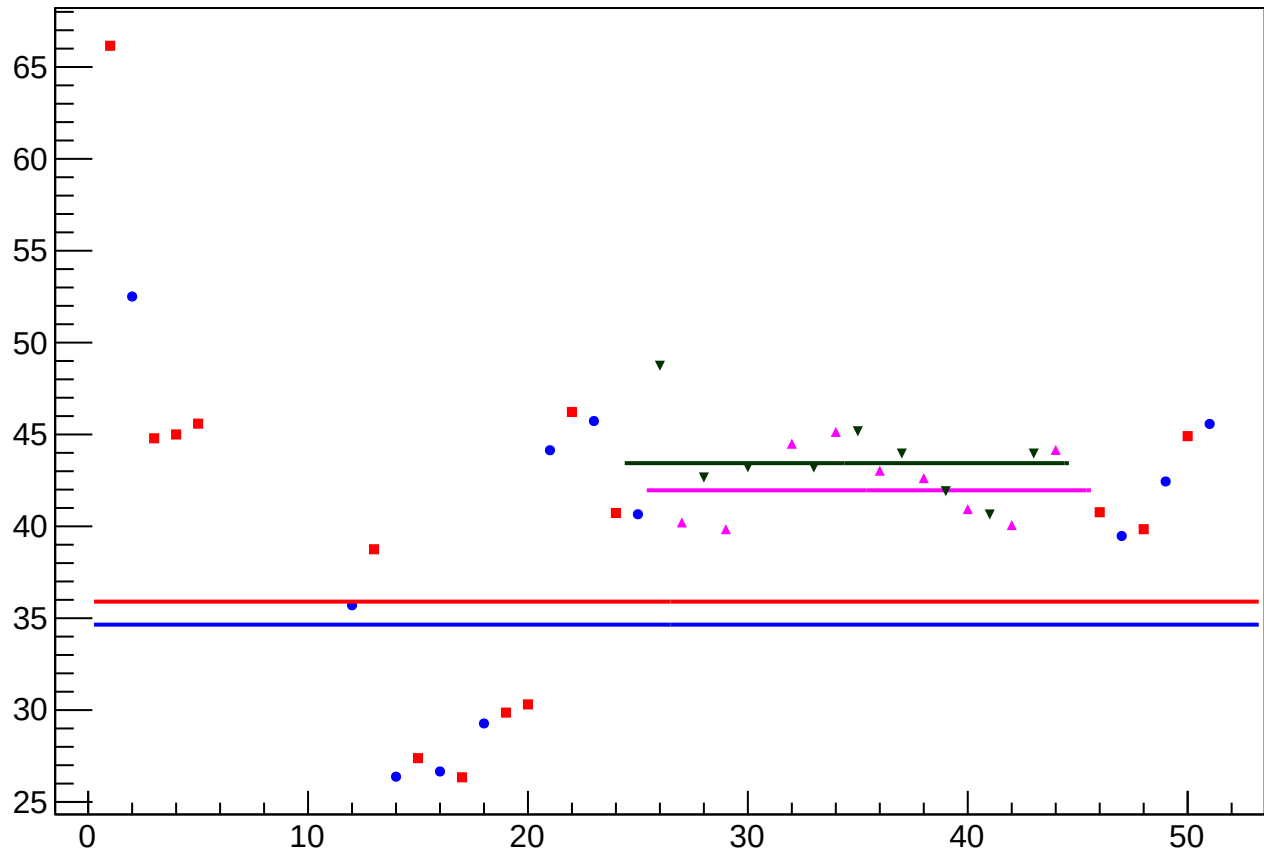
Left Out: 4.356 $\pm$ 19.730 χ^2 /NDF: 6.2/8

Right Out: 20.544 $\pm$ 14.789 χ^2 /NDF: 14.6/13

Left In: -35.527 $\pm$ 17.692 χ^2 /NDF: 13.4/8

8.997 $\pm$ 7.949 χ^2 /NDF: 74.8/42

asym_right_dd_rms vs slug



Right In: 34.649 $\pm$ 0.010 χ^2 /NDF: 819790.9/10

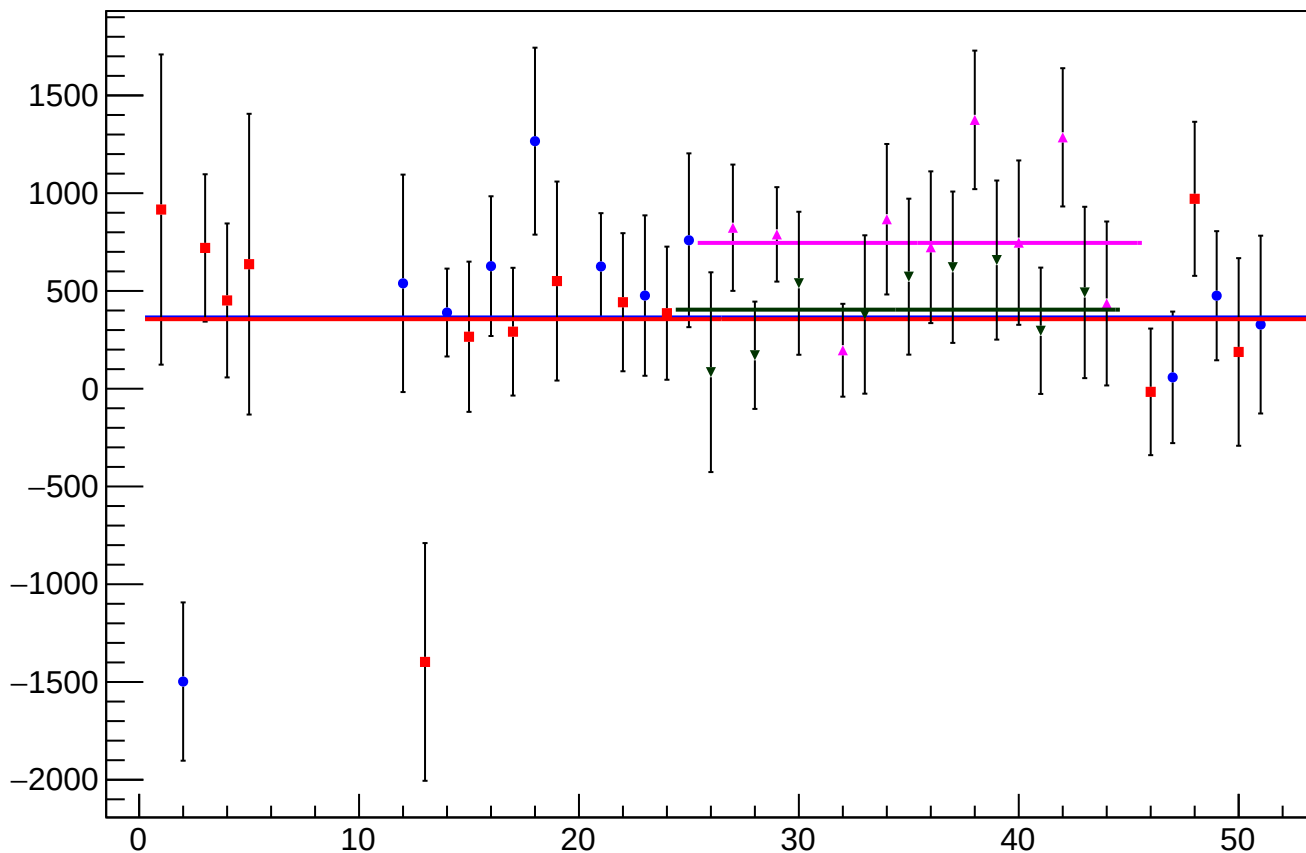
Left Out: 43.439 $\pm$ 0.014 χ^2 /NDF: 20677.6/8

37.915 $\pm$ 0.006 χ^2 /NDF: 2052042.4/42

Right Out: 35.903 $\pm$ 0.010 χ^2 /NDF: 770992.3/13

Left In: 41.961 $\pm$ 0.013 χ^2 /NDF: 25099.4/8

asym_us_avg_mean vs slug



Right In: 364.509 $\pm$ 106.205 χ^2/NDF : 28.1/10

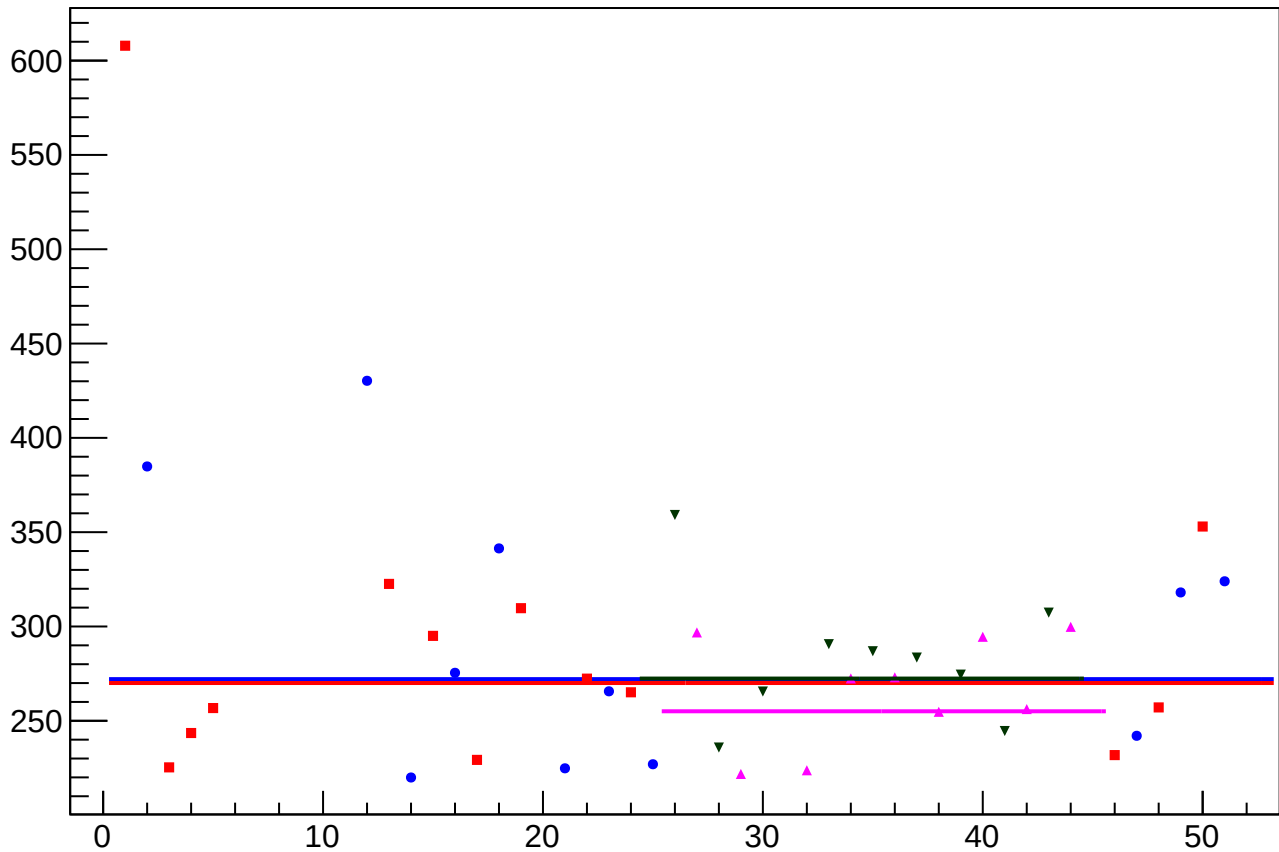
Left Out: 404.336 $\pm$ 124.534 χ^2/NDF : 2.3/8

Right Out: 355.658 $\pm$ 114.361 χ^2/NDF : 14.1/12

Left In: 745.763 $\pm$ 108.353 χ^2/NDF : 11.6/8

473.683 $\pm$ 56.364 χ^2/NDF : 64.8/41

asym_us_avg_rms vs slug



Right In: 272.094 ± 0.075 χ^2/NDF : 628918.2/10

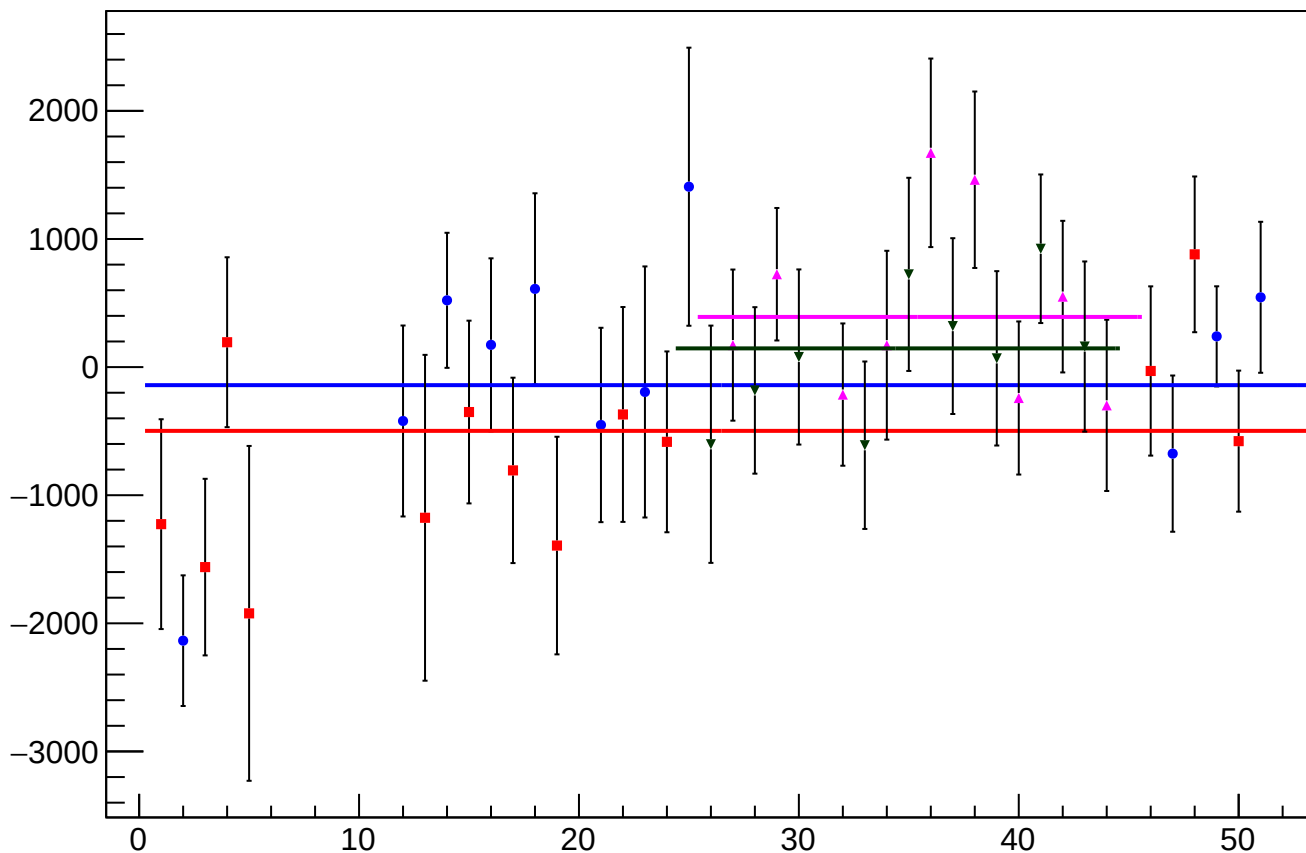
Left Out: 272.390 ± 0.088 χ^2/NDF : 129813.8/8

Right Out: 270.031 ± 0.081 χ^2/NDF : 557609.2/12

Left In: 255.044 ± 0.077 χ^2/NDF : 154924.7/8

267.040 ± 0.040 χ^2/NDF : 1505370.9/41

asym_us_dd_mean vs slug



Right In: -140.911 ± 185.760 $\chi^2/\text{NDF}: 23.5/10$

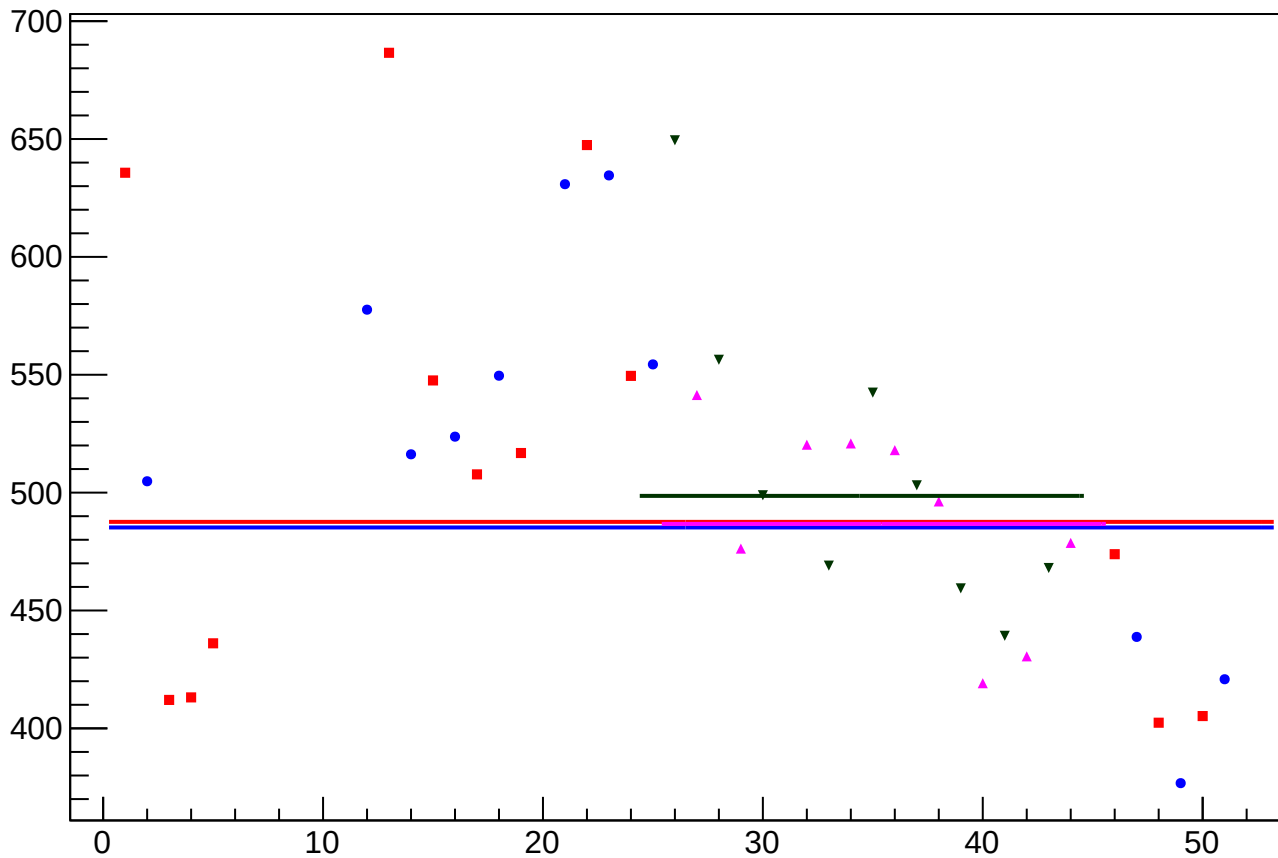
Left Out: 146.103 ± 227.629 $\chi^2/\text{NDF}: 4.7/8$

Right Out: -497.764 ± 203.854 $\chi^2/\text{NDF}: 12.8/12$

Left In: 391.655 ± 206.066 $\chi^2/\text{NDF}: 9.5/8$

-41.905 ± 102.119 $\chi^2/\text{NDF}: 61.0/41$

asym_us_dd_rms vs slug



Right In: 485.222 $\pm$ 0.131 χ^2 /NDF: 379858.0/10

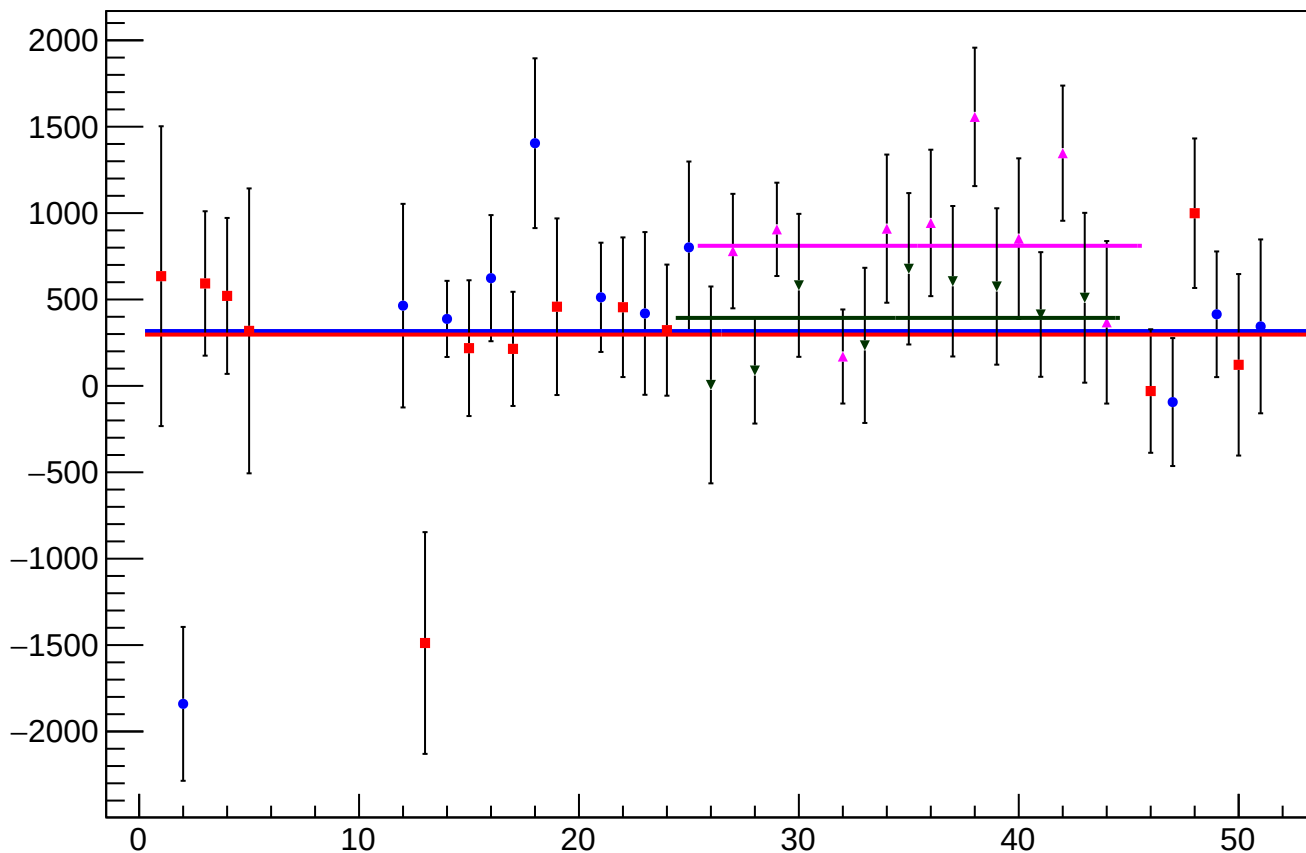
Left Out: 498.620 $\pm$ 0.161 χ^2 /NDF:111631.8/8

488.885 $\pm$ 0.072 χ^2 /NDF: 931532.5/41

Right Out: 487.597 $\pm$ 0.144 χ^2 /NDF: 357775.0/12

Left In: 486.730 $\pm$ 0.146 χ^2 /NDF:77533.5/8

asym_ds_avg_mean vs slug



Right In: 317.430 $\pm$ 113.554 χ^2 /NDF: 31.9/10

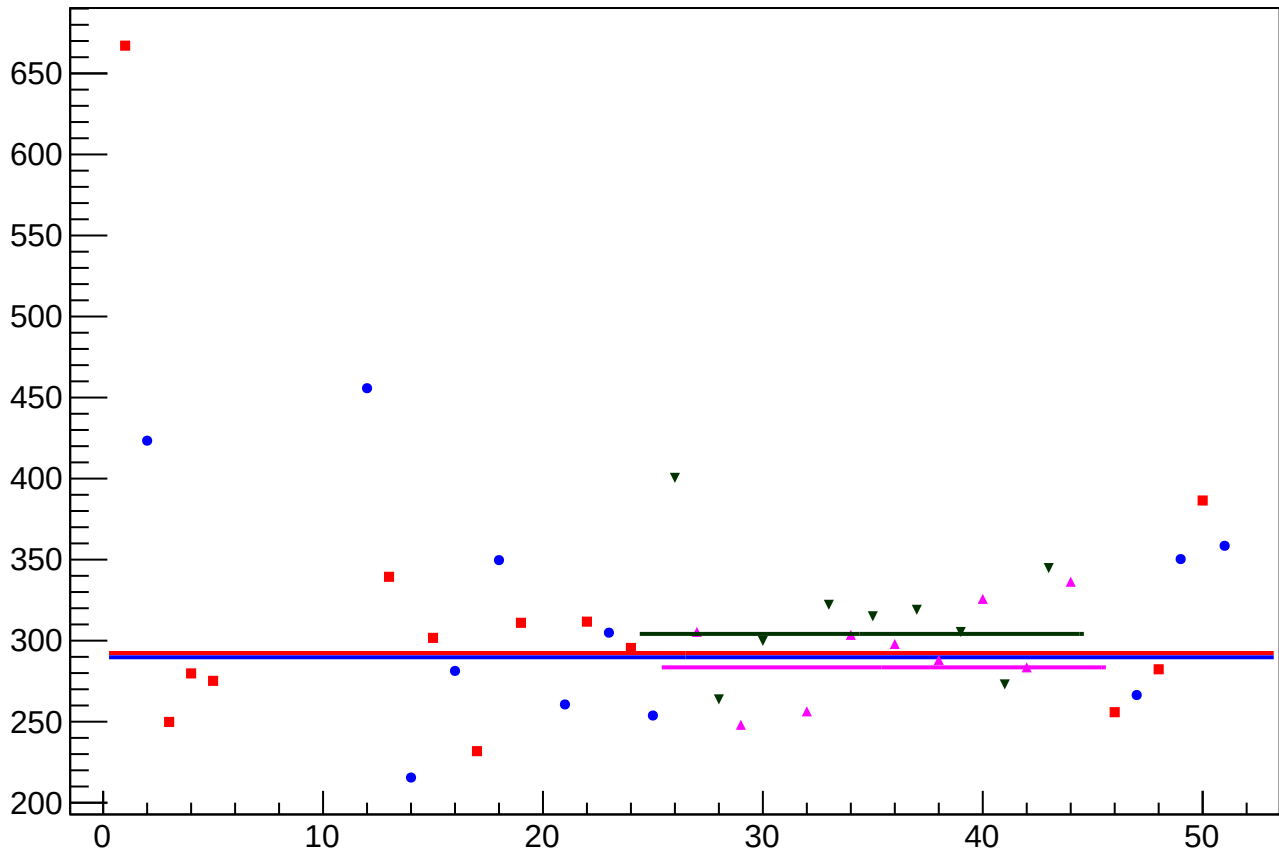
Left Out: 393.410 $\pm$ 139.060 χ^2 /NDF: 2.7/8

456.788 $\pm$ 61.580 χ^2 /NDF: 71.3/41

Right Out: 296.877 $\pm$ 123.846 χ^2 /NDF: 12.6/12

Left In: 810.762 $\pm$ 120.173 χ^2 /NDF: 12.1/8

asym_ds_avg_rms vs slug



Right In: 289.747+/-0.080 χ^2/NDF : 727098.5/10

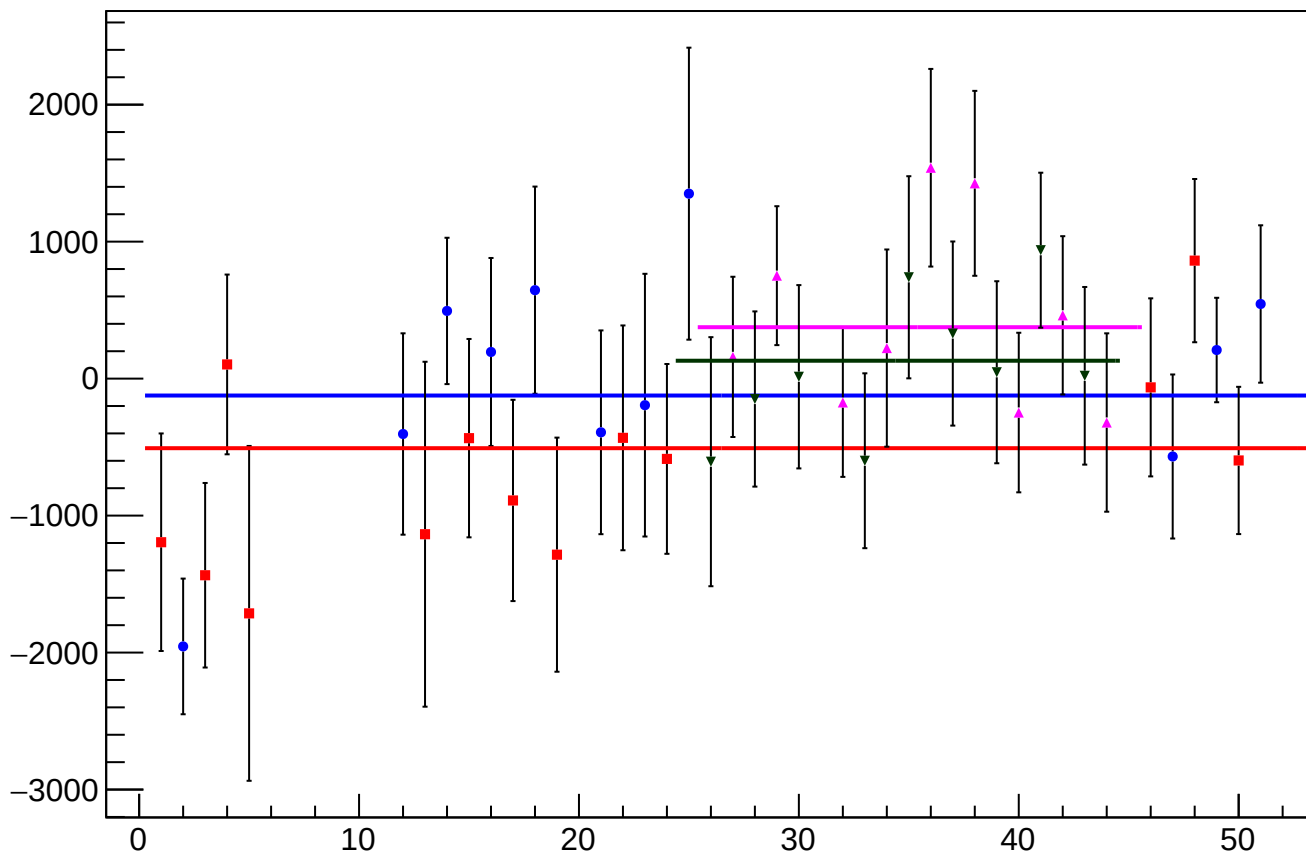
Left Out: 304.167+/-0.098 χ^2/NDF :127437.9/8

291.594+/-0.044 χ^2/NDF : 1561138.0/41

Right Out: 292.381+/-0.088 χ^2/NDF : 568872.0/12

Left In: 283.531+/-0.085 χ^2/NDF :111768.2/8

asym_ds_dd_mean vs slug



Right In: -123.473+/-183.246 χ^2/NDF : 21.1/10

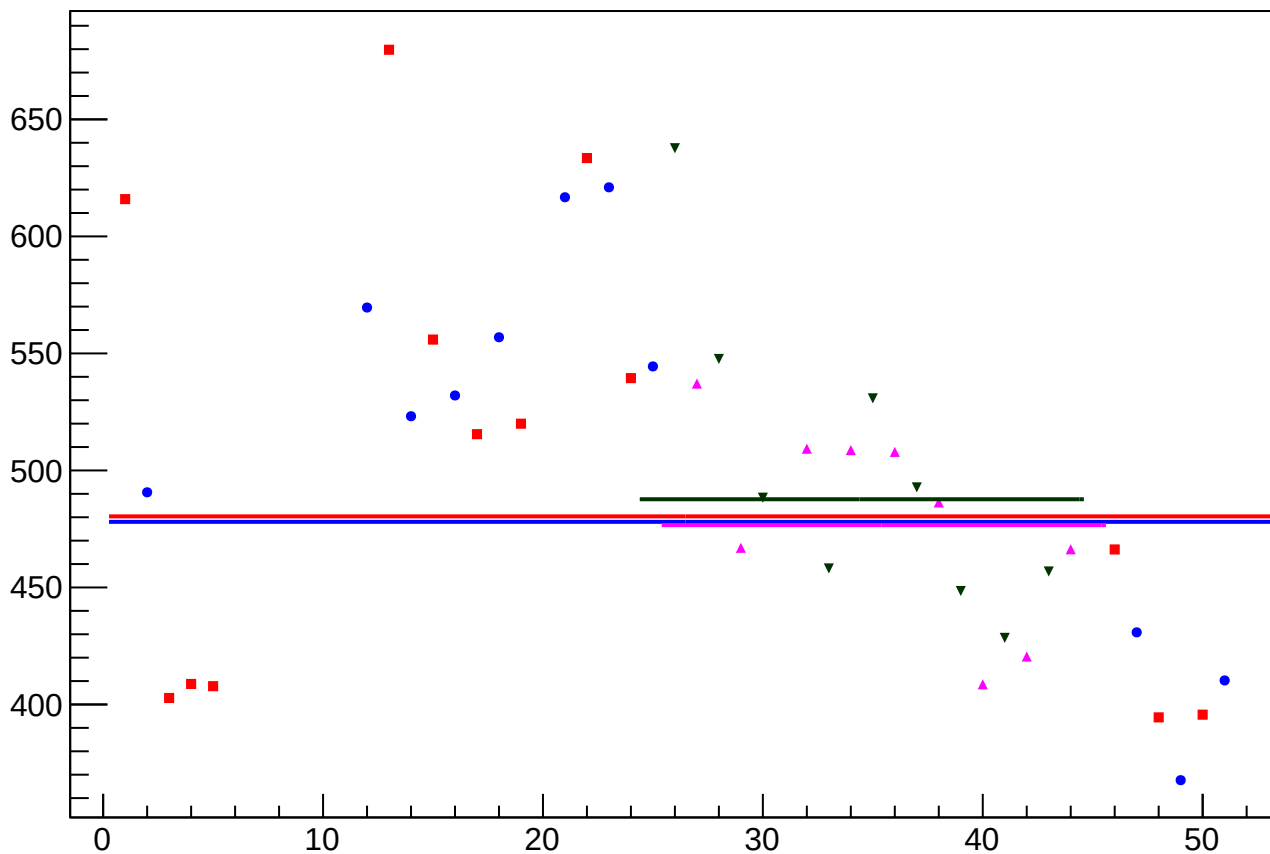
Left Out: 130.578+/-222.704 χ^2/NDF : 5.0/8

Right Out: -507.943+/-200.985 χ^2/NDF : 11.6/12

Left In: 375.302+/-201.841 χ^2/NDF : 9.1/8

-44.401+/-100.380 χ^2/NDF : 57.3/41

asym_ds_dd_rms vs slug



Right In: 478.042 ± 0.130 χ^2/NDF : 410383.4/10

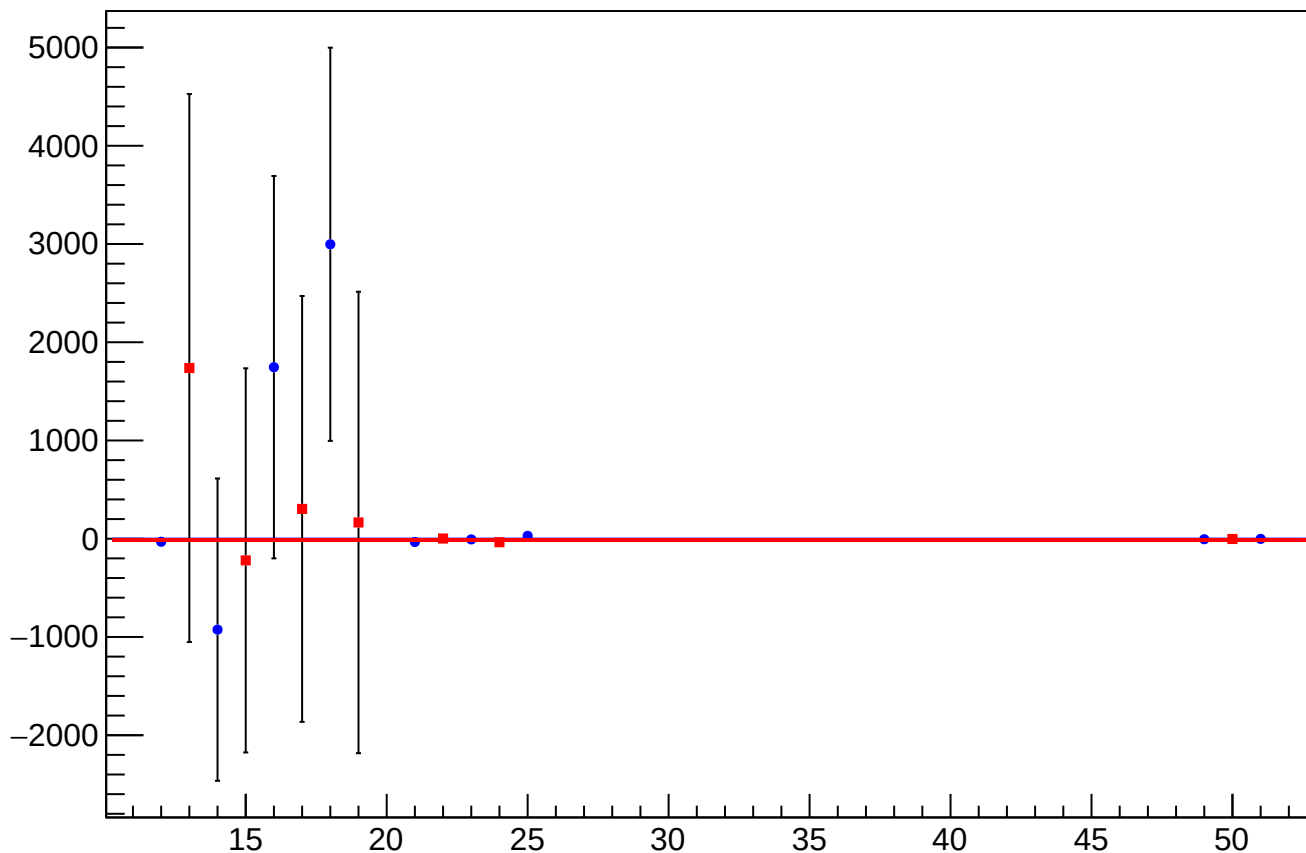
Left Out: 487.691 ± 0.157 χ^2/NDF : 116664.7/8

Right Out: 480.375 ± 0.142 χ^2/NDF : 372826.3/12

Left In: 476.643 ± 0.143 χ^2/NDF : 84135.2/8

480.238 ± 0.071 χ^2/NDF : 987172.4/41

bcm_an_us_ds_dd_mean vs slug



Right In: -9.302+/-9.695 χ^2 /NDF: 6.4/8

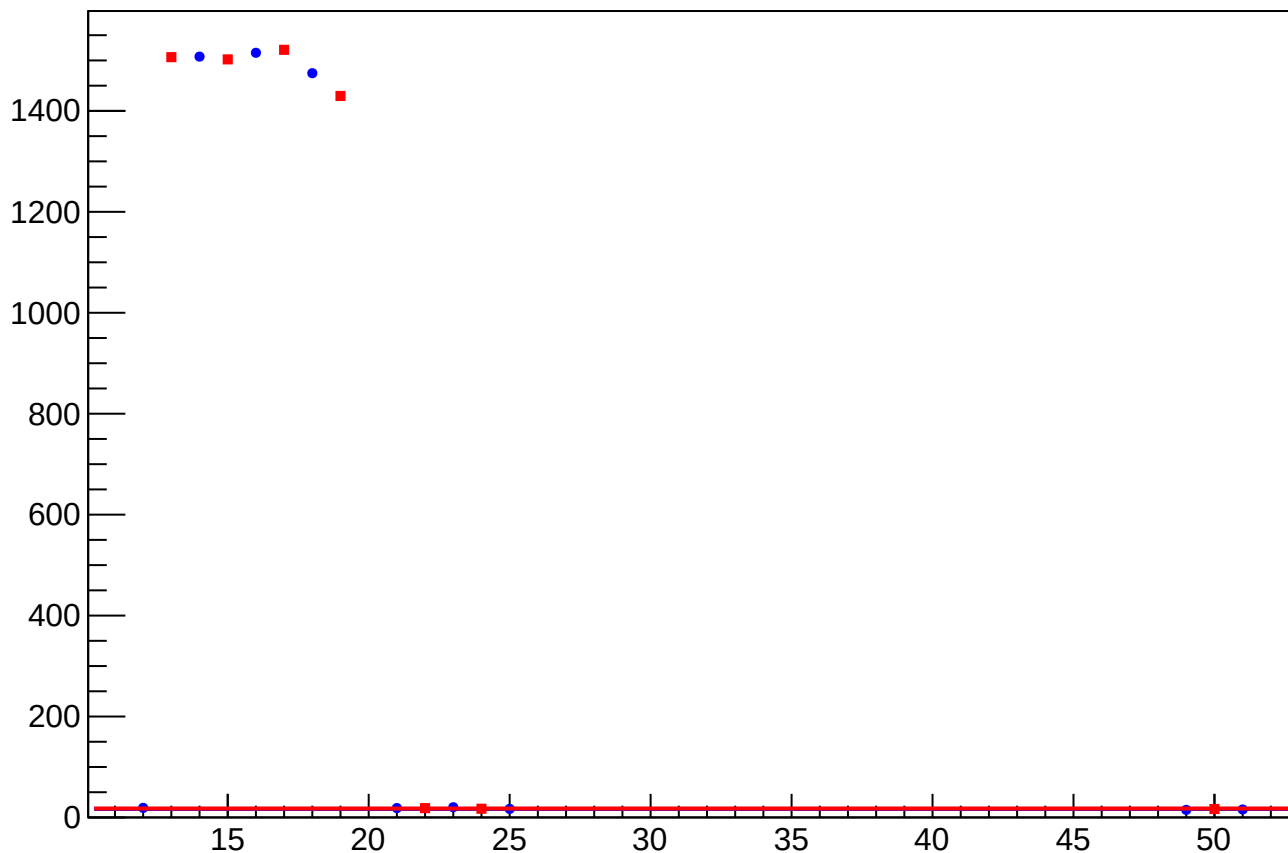
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.861+/-13.488 χ^2 /NDF: 2.0/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-10.515+/-7.872 χ^2 /NDF: 8.5/15

bcm_an_us_ds_dd_rms vs slug



Right In: 16.939+/-0.007 χ^2 /NDF: 4199968.0/8

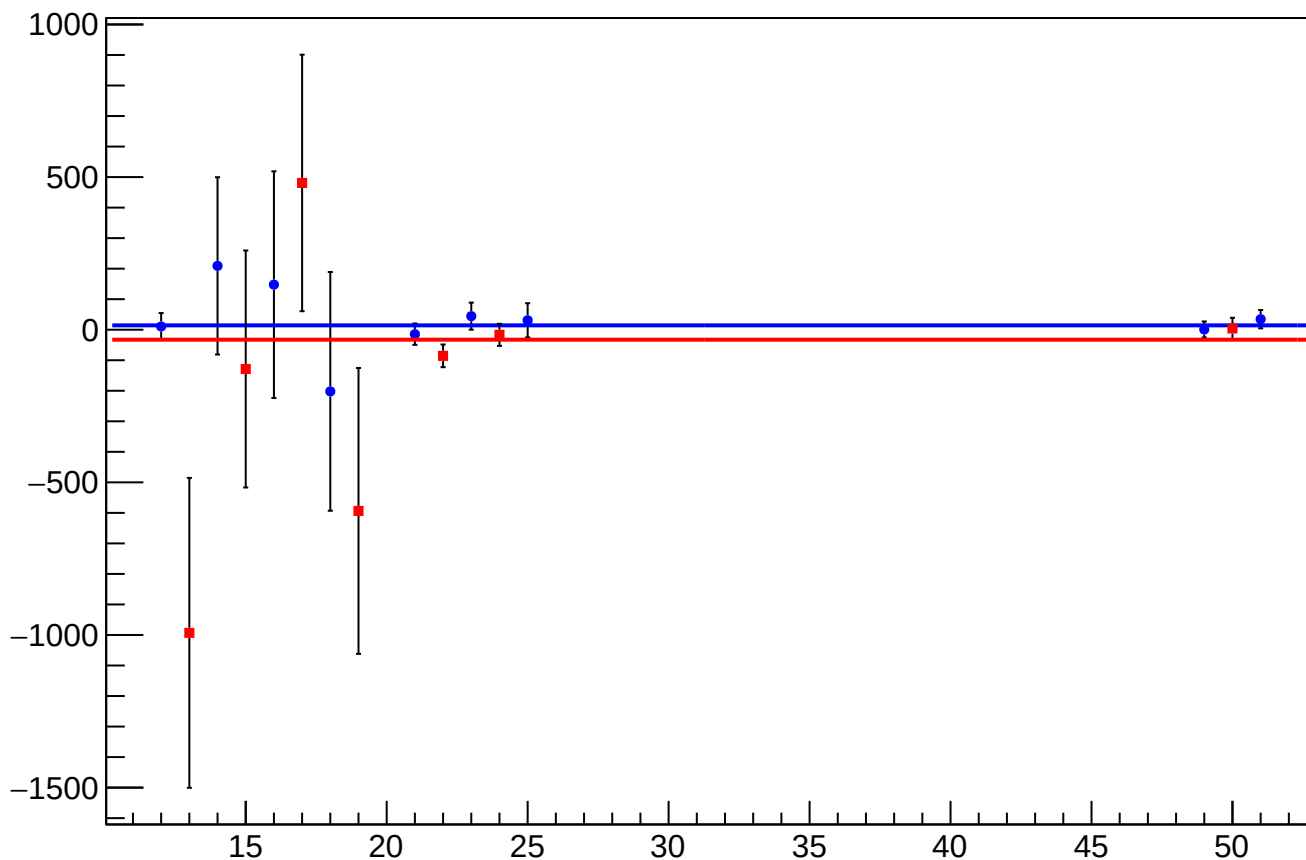
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.672+/-0.010 χ^2 /NDF: 3413498.9/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

17.189+/-0.006 χ^2 /NDF: 7617352.7/15

bcm_dg_us_ds_dd_mean vs slug



Right In: 14.272+/-14.491 χ^2/NDF : 2.8/8

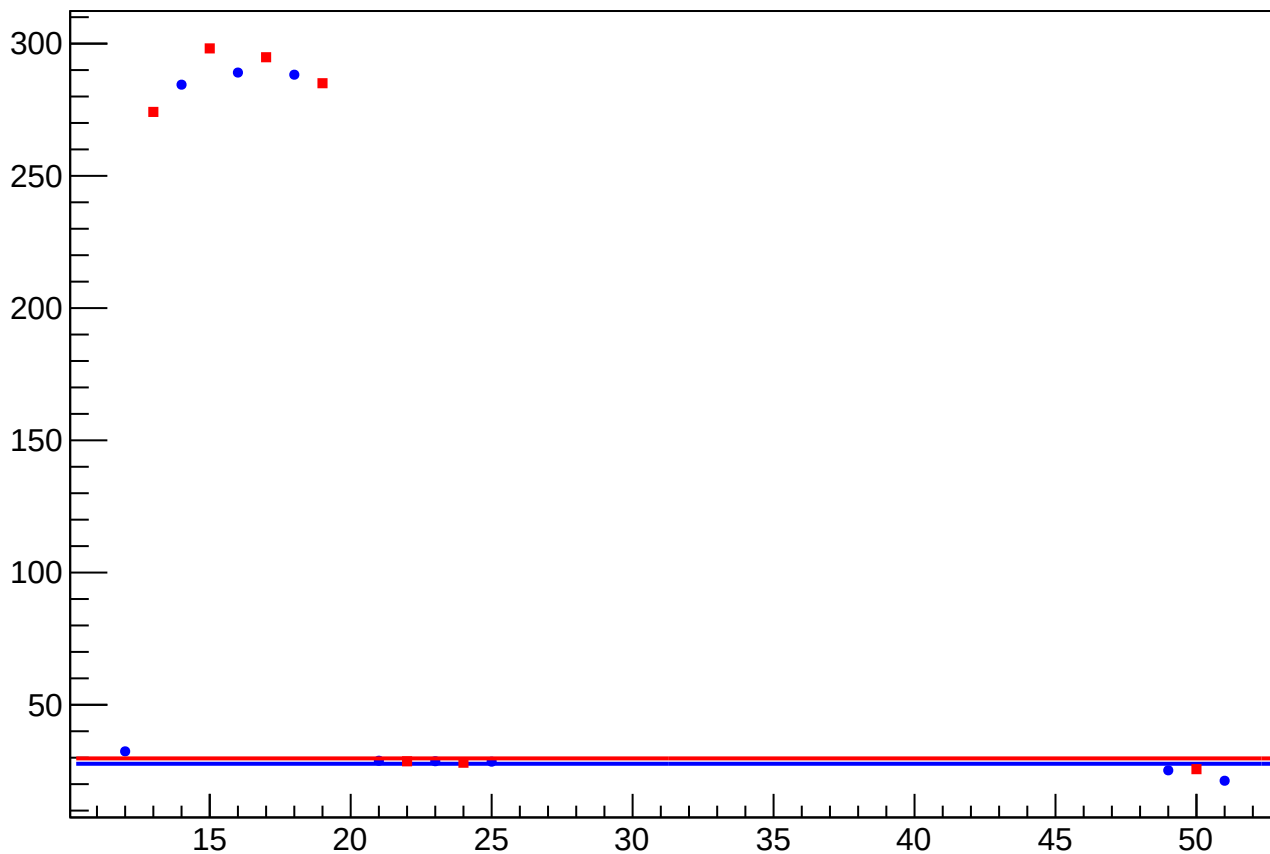
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.612+/-20.693 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.154+/-11.870 χ^2/NDF : 16.2/15

bcm_dg_us_ds_dd_rms vs slug



Right In: 27.706+/-0.010 χ^2/NDF : 3578989.0/8

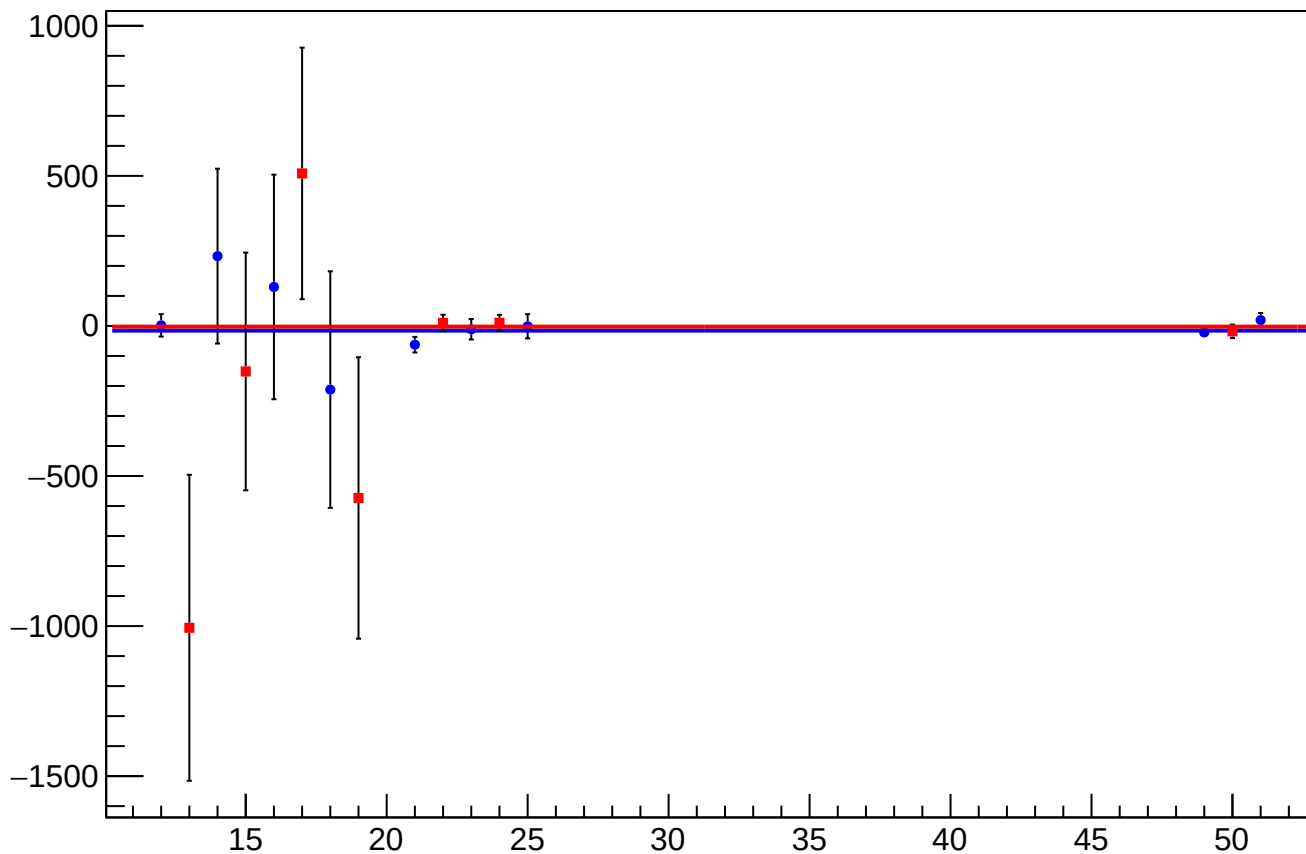
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.373+/-0.008 χ^2/NDF : 6435882.3/15

Right Out: 29.733+/-0.015 χ^2/NDF : 2844019.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -15.602 $\pm$ 10.511 χ^2 /NDF: 7.1/8

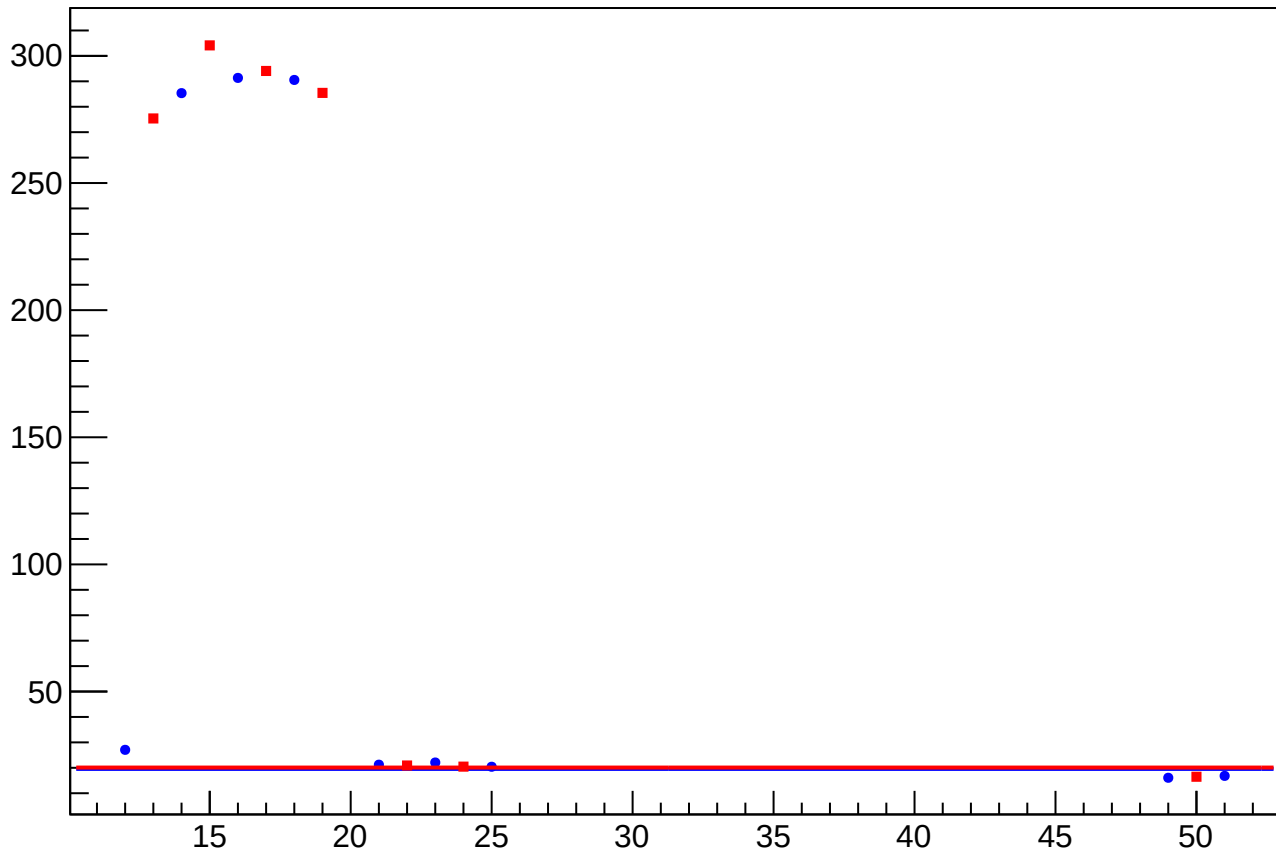
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.341 $\pm$ 14.431 χ^2 /NDF: 7.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-11.006 $\pm$ 8.496 χ^2 /NDF: 15.6/15

bcm_dg_ds_ds_dd_rms vs slug



Right In: 19.565+/-0.007 χ^2/NDF : 3879359.6/8

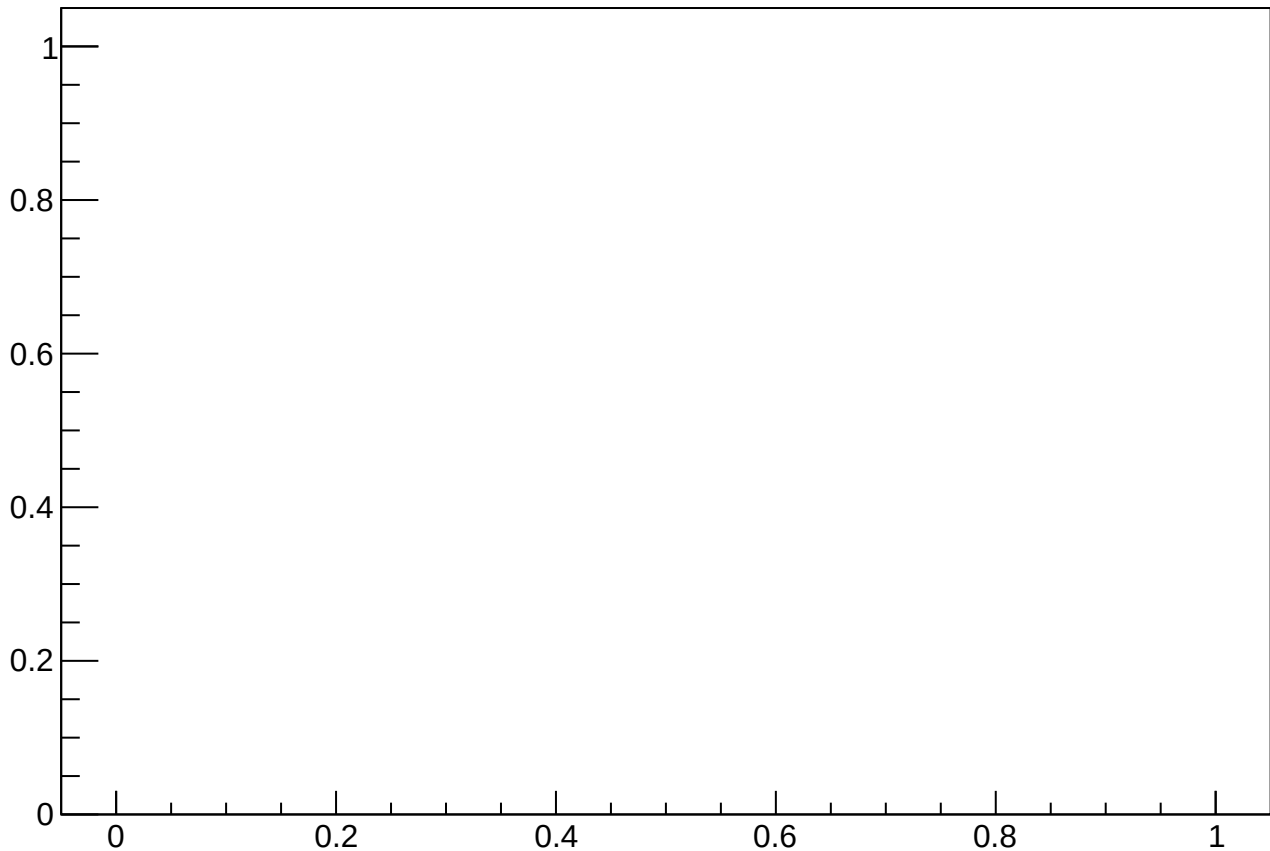
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.749+/-0.006 χ^2/NDF : 6960607.7/15

Right Out: 20.097+/-0.010 χ^2/NDF : 3079476.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

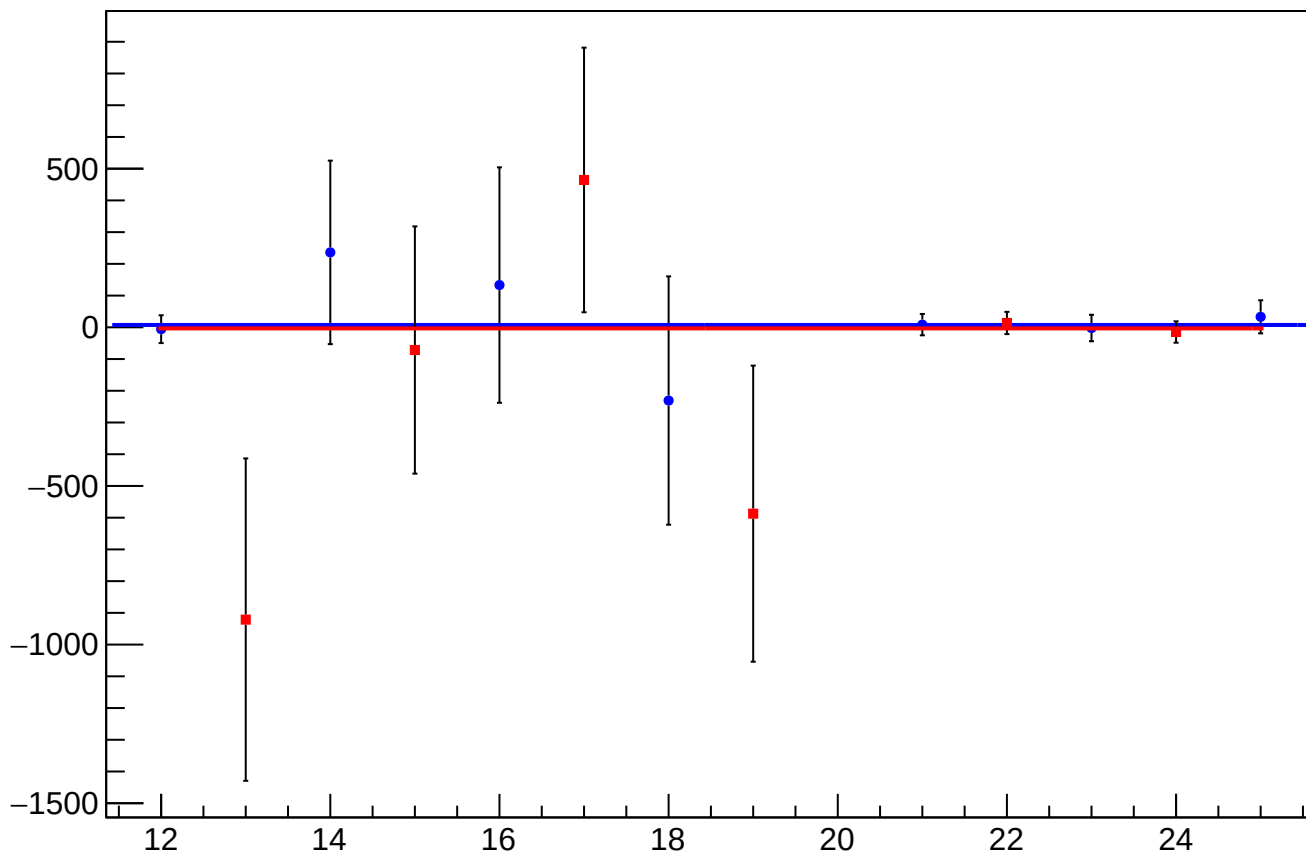
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

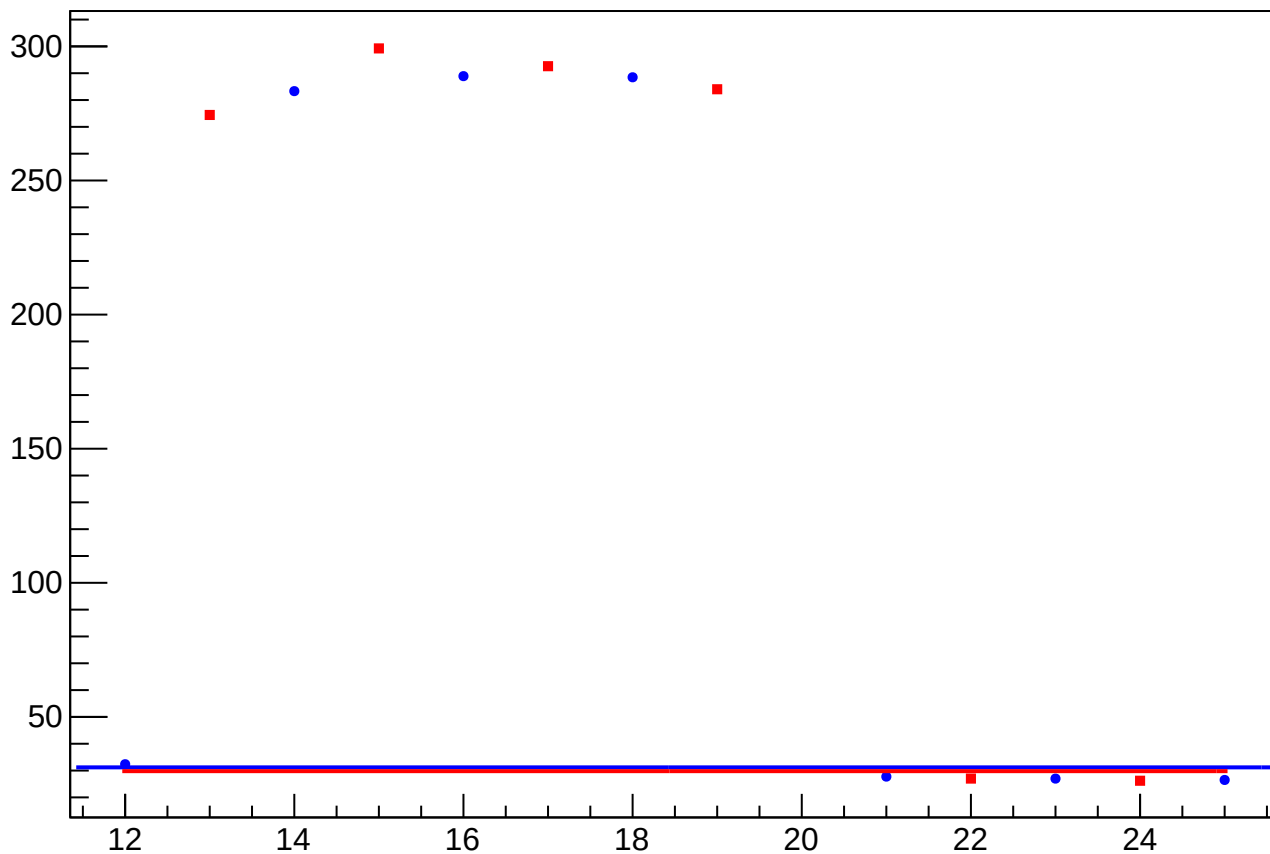
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd_rms vs slug



Right In: 31.193 $\pm$ 0.015 χ^2 /NDF: 3408382.3/6

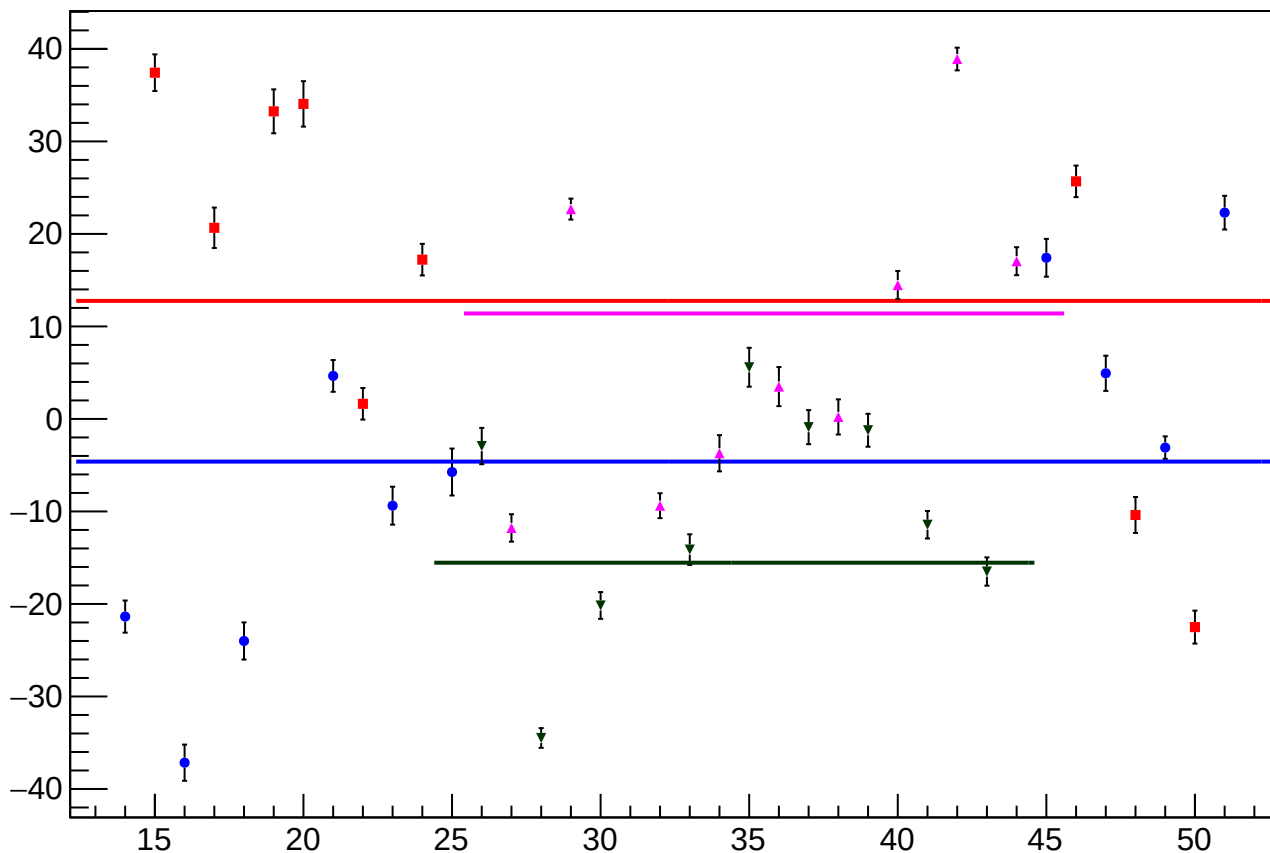
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.598 $\pm$ 0.011 χ^2 /NDF: 6256207.0/12

Right Out: 29.778 $\pm$ 0.017 χ^2 /NDF: 2843835.9/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -4.611 ± 0.571 χ^2/NDF : 858.3/9

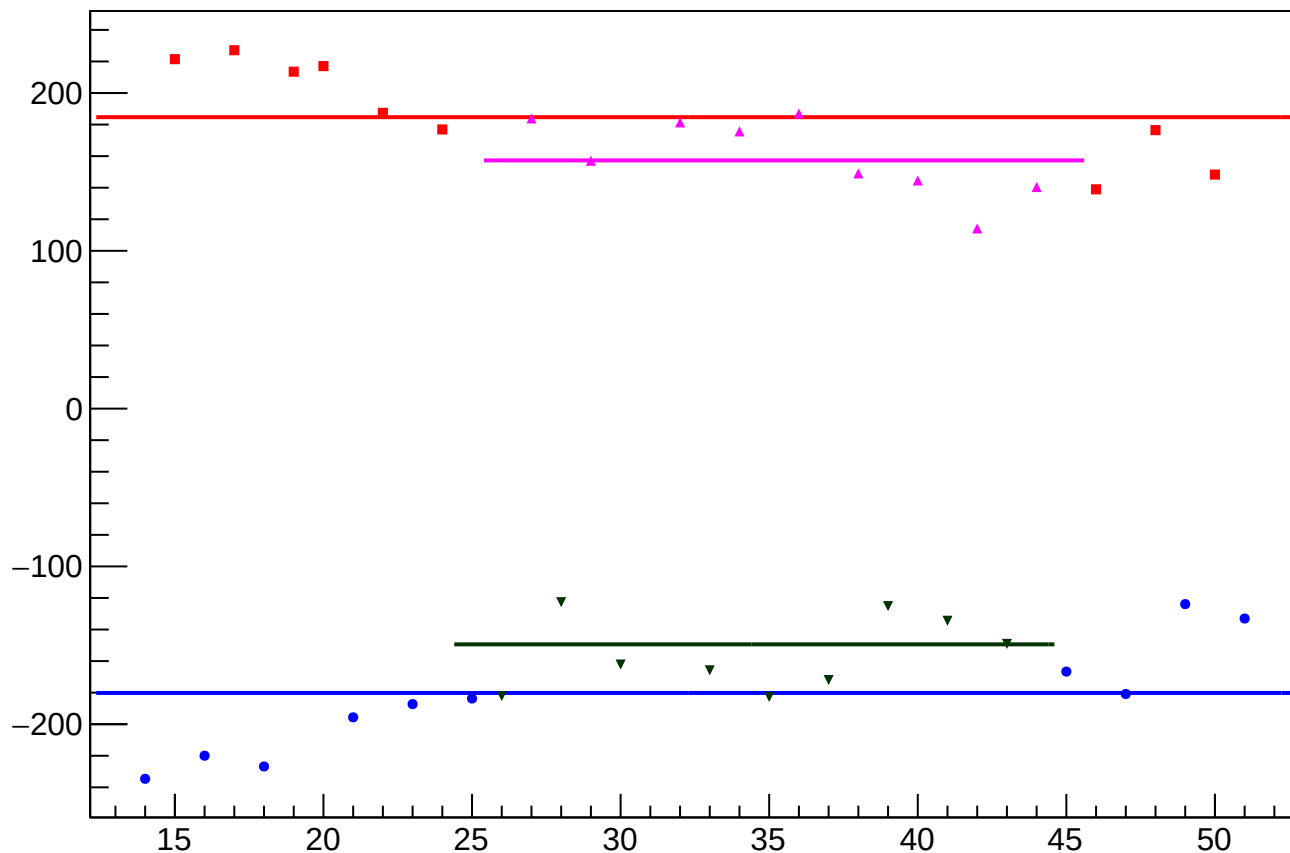
Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

Right Out: 12.760 ± 0.643 χ^2/NDF : 958.8/8

Left In: 11.401 ± 0.495 χ^2/NDF : 1211.6/8

0.439 ± 0.275 χ^2/NDF : 5512.2/36

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -180.189+/-0.447 χ^2/NDF : 7828.2/9

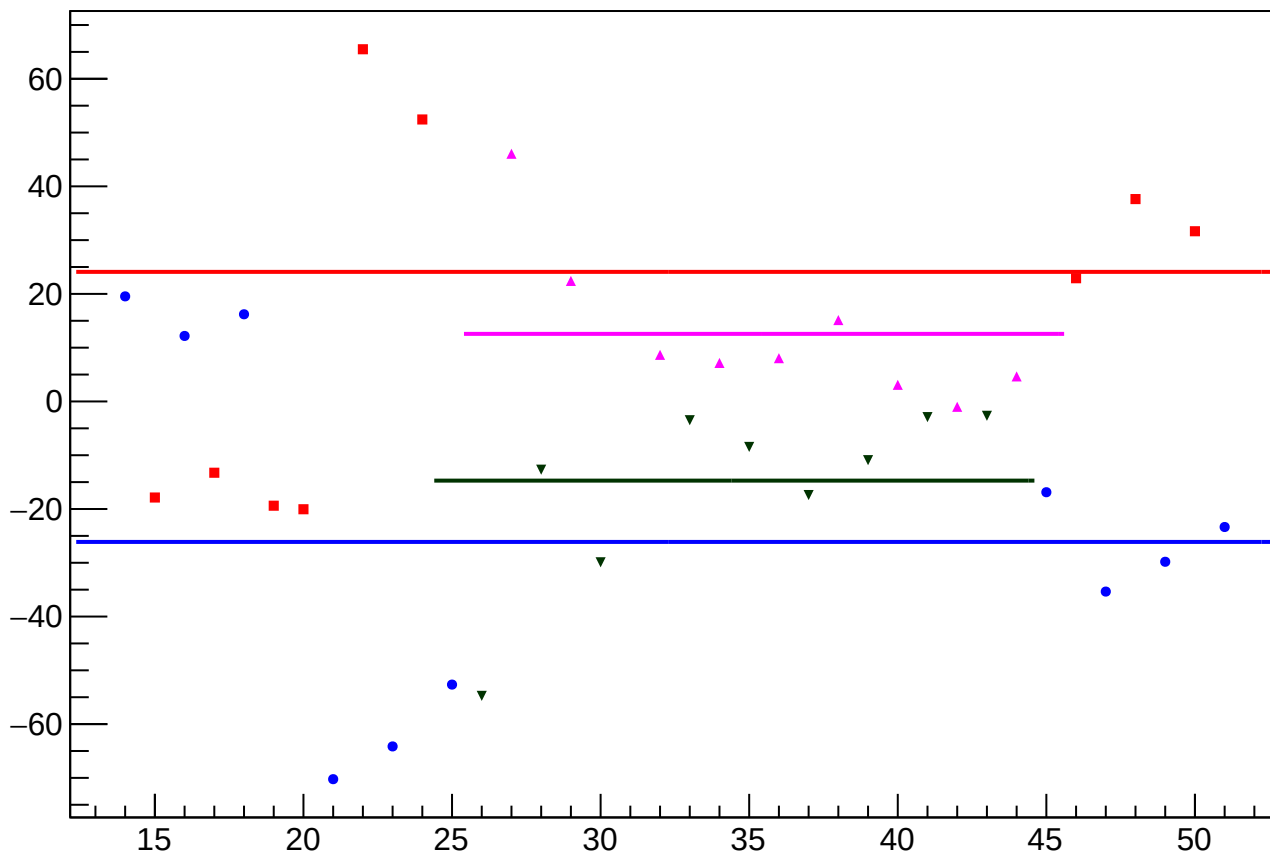
Left Out: -149.395+/-0.395 χ^2/NDF : 3200.8/8

Right Out: 184.689+/-0.497 χ^2/NDF : 3751.6/8

Left In: 157.299+/-0.365 χ^2/NDF : 4330.1/8

2.735+/-0.209 χ^2/NDF : 648221.1/36

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.123 $\pm$ 0.105 χ^2 /NDF: 78585.7/9

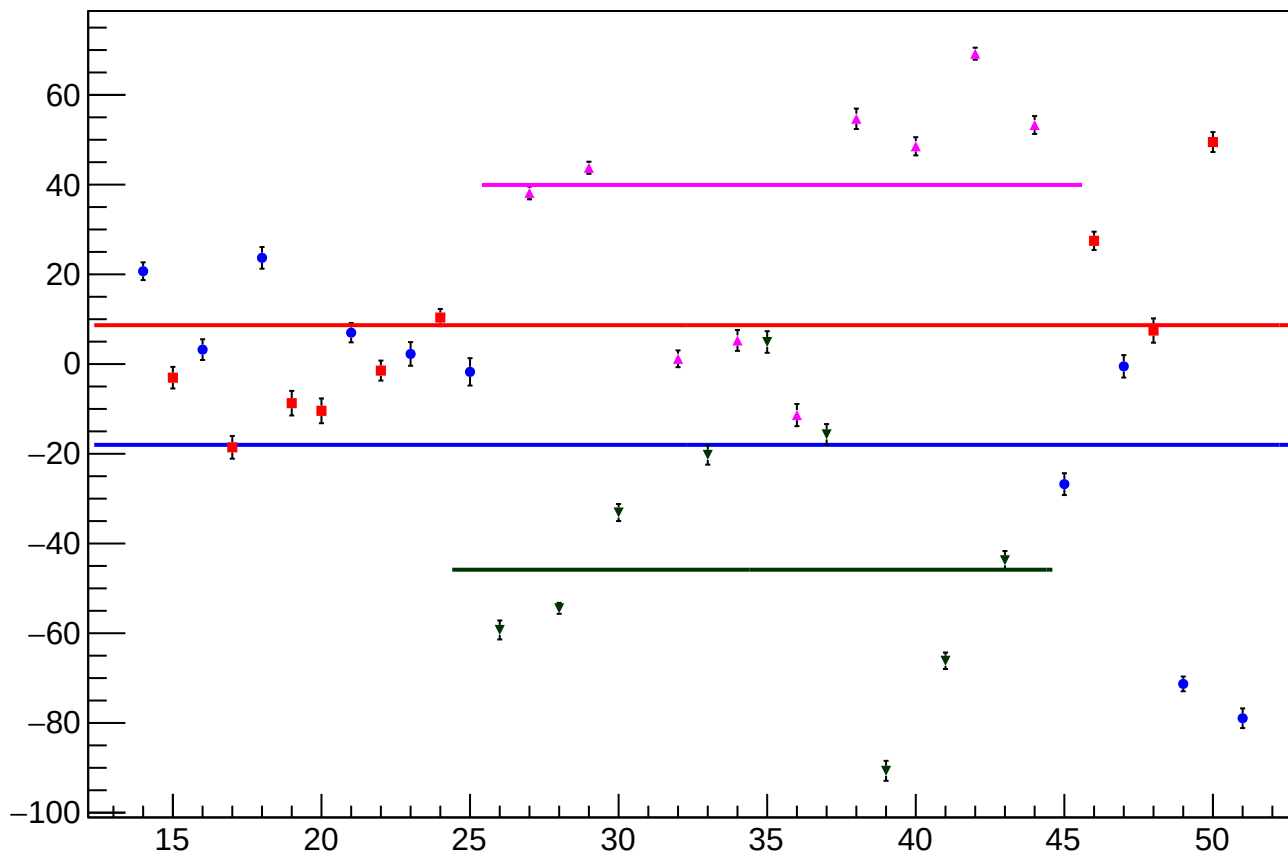
Left Out: -14.722 $\pm$ 0.088 χ^2 /NDF: 26364.3/8

Right Out: 24.096 $\pm$ 0.117 χ^2 /NDF: 66056.4/8

Left In: 12.566 $\pm$ 0.085 χ^2 /NDF: 25284.4/8

-1.798 $\pm$ 0.048 χ^2 /NDF: 349459.5/36

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -18.006 $\pm$ 0.710 χ^2 /NDF: 2869.3/9

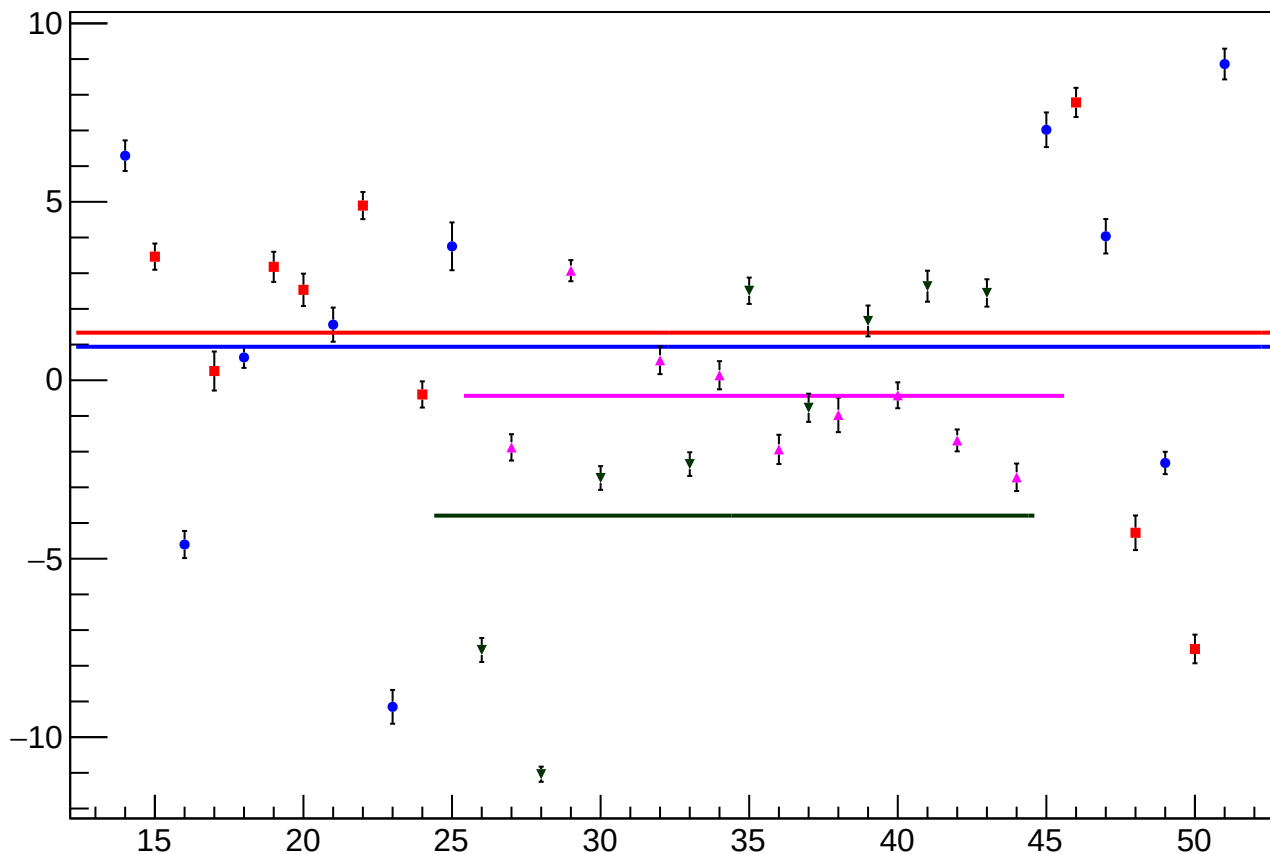
Left Out: -45.838 $\pm$ 0.634 χ^2 /NDF:1422.1/8

Right Out: 8.668 $\pm$ 0.779 χ^2 /NDF: 672.5/8

Left In: 39.932 $\pm$ 0.586 χ^2 /NDF:1674.4/8

-2.108 $\pm$ 0.333 χ^2 /NDF: 17238.1/36

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 0.939 ± 0.130 χ^2/NDF : 1486.3/9

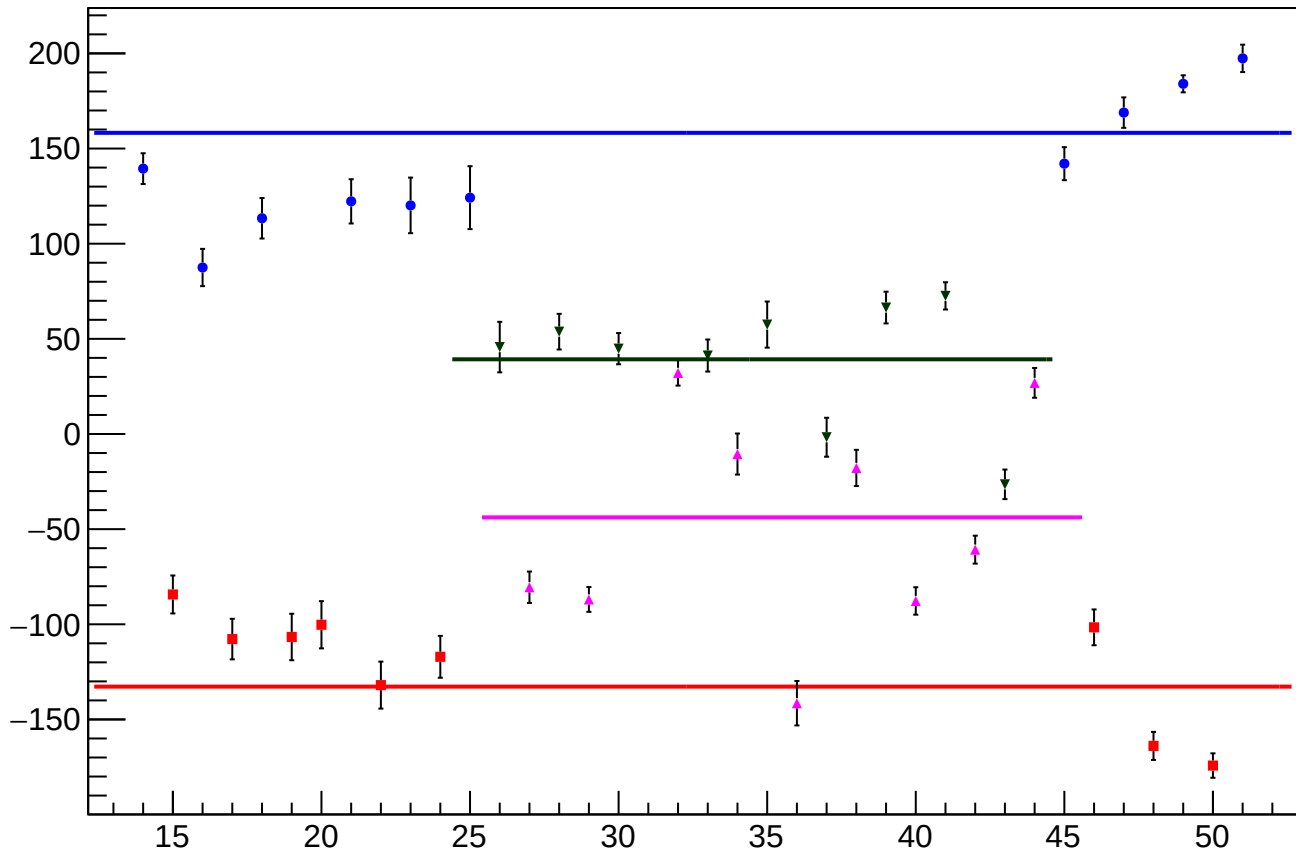
Left Out: -3.793 ± 0.112 χ^2/NDF : 2310.3/8

Right Out: 1.334 ± 0.139 χ^2/NDF : 1043.5/8

Left In: -0.437 ± 0.122 χ^2/NDF : 230.2/8

-0.808 ± 0.062 χ^2/NDF : 6214.4/36

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 158.250 ± 2.596 $\chi^2/\text{NDF}: 163.9/9$

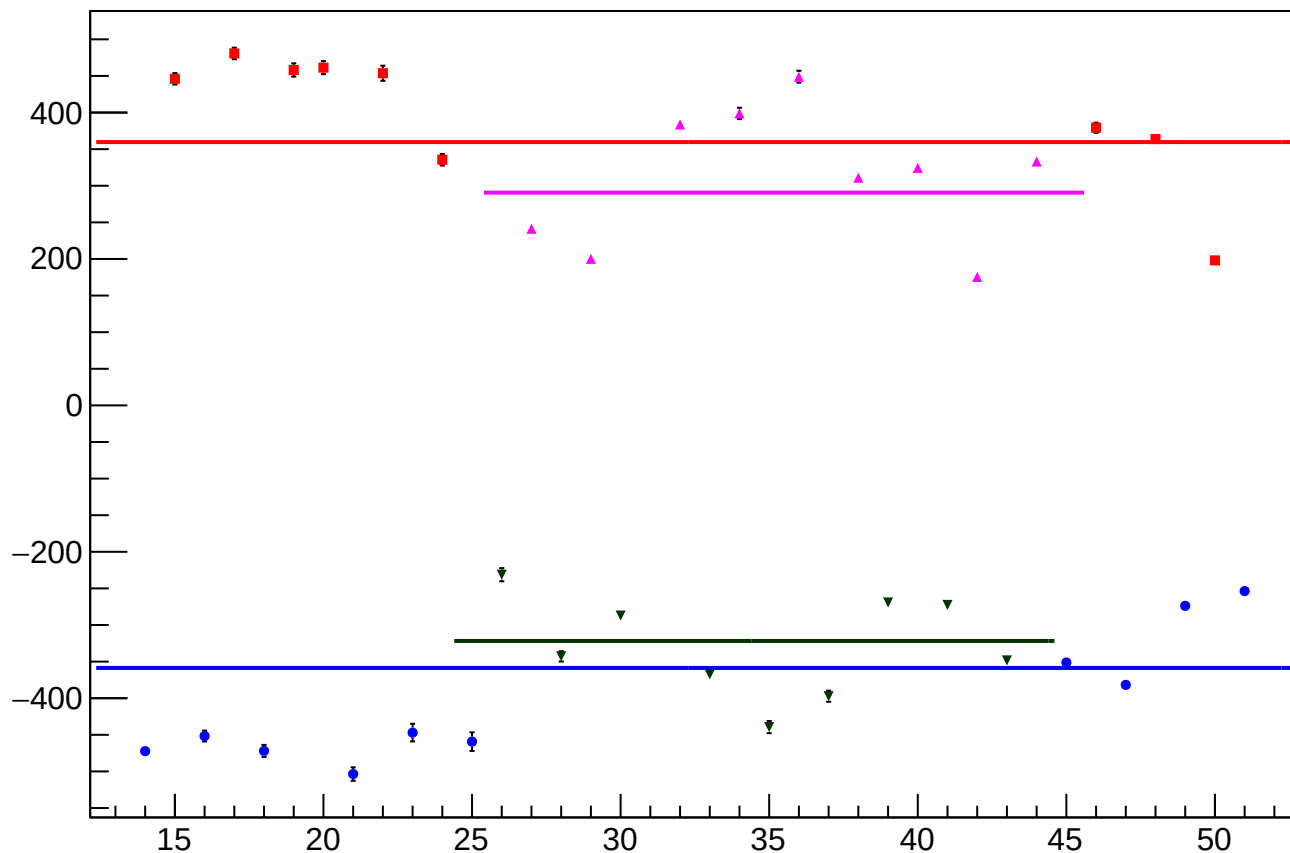
Left Out: 39.246 ± 2.976 $\chi^2/\text{NDF}: 125.4/8$

16.489 ± 1.409 $\chi^2/\text{NDF}: 6608.7/36$

Right Out: -132.756 ± 3.149 $\chi^2/\text{NDF}: 113.1/8$

Left In: -43.812 ± 2.656 $\chi^2/\text{NDF}: 403.9/8$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -358.650+/-2.016 χ^2/NDF : 2031.0/9

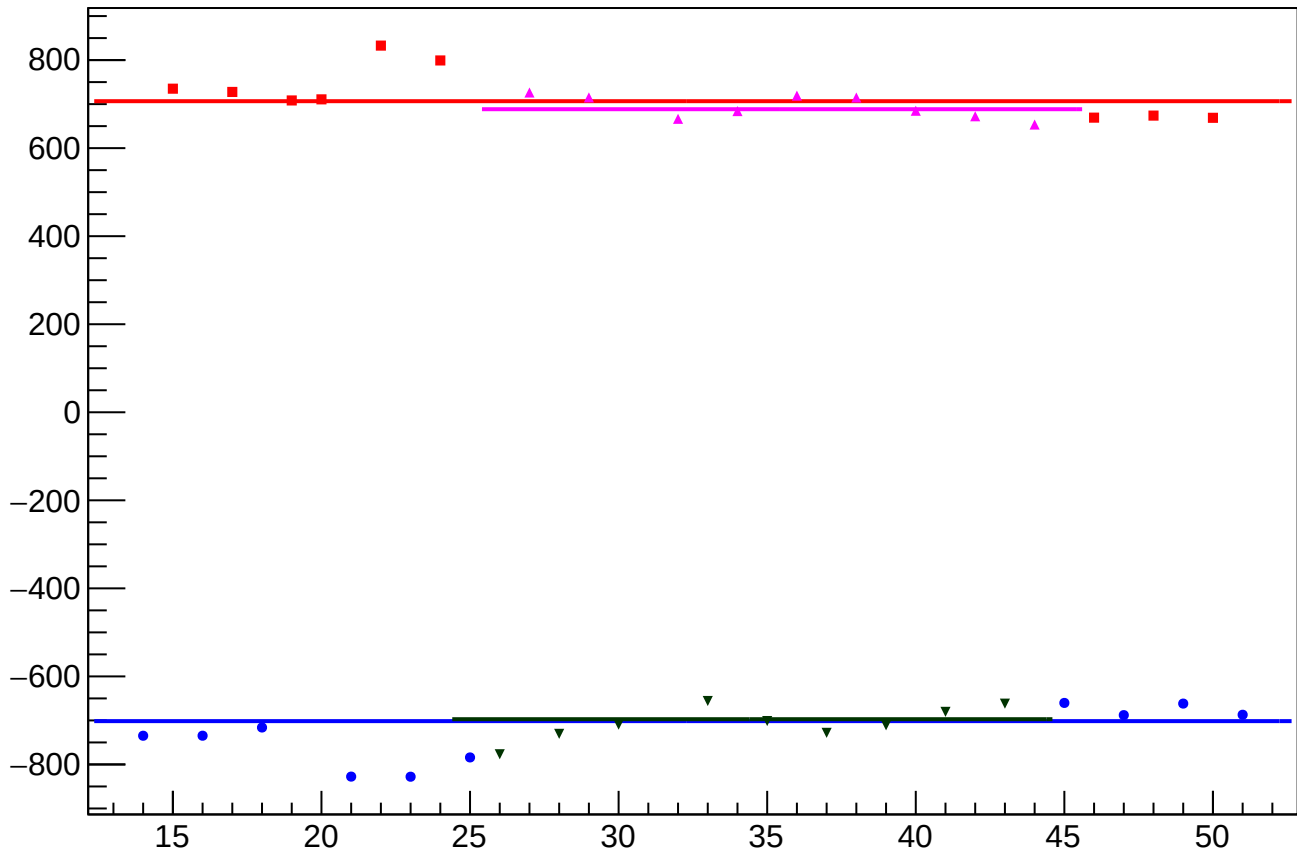
Left Out: -321.773+/-2.219 χ^2/NDF : 673.9/8

Right Out: 359.683+/-2.414 χ^2/NDF : 1808.0/8

Left In: 290.641+/-1.943 χ^2/NDF : 1886.9/8

-16.876+/-1.063 χ^2/NDF : 103406.2/36

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -701.586 ± 0.483 $\chi^2/\text{NDF}: 10868.1/9$

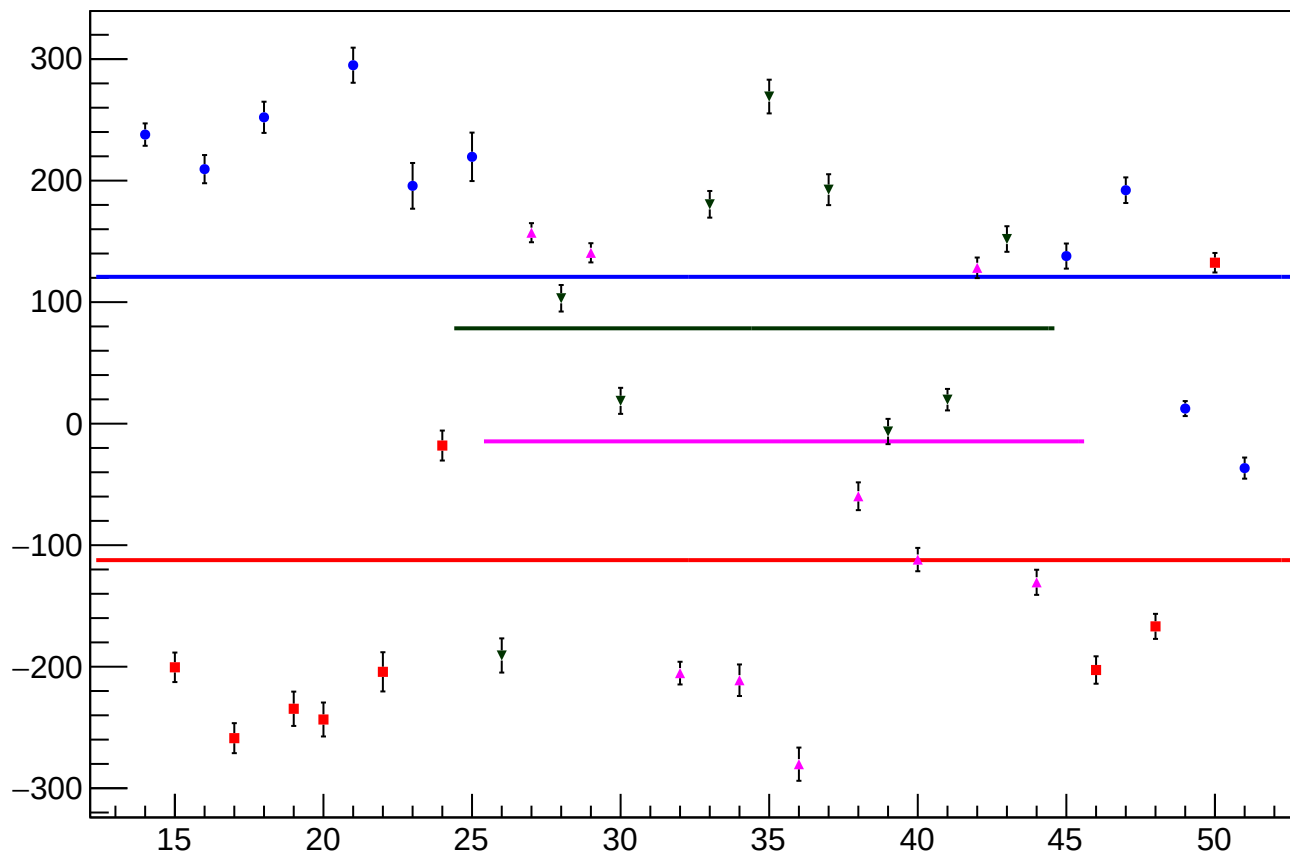
Left Out: -697.208 ± 0.498 $\chi^2/\text{NDF}: 4232.4/8$

Right Out: 706.652 ± 0.577 $\chi^2/\text{NDF}: 7945.8/8$

Left In: 688.430 ± 0.456 $\chi^2/\text{NDF}: 2965.5/8$

-23.787 ± 0.249 $\chi^2/\text{NDF}: 7865423.8/36$

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 120.827 $\pm$ 3.275 χ^2 /NDF: 1194.9/9

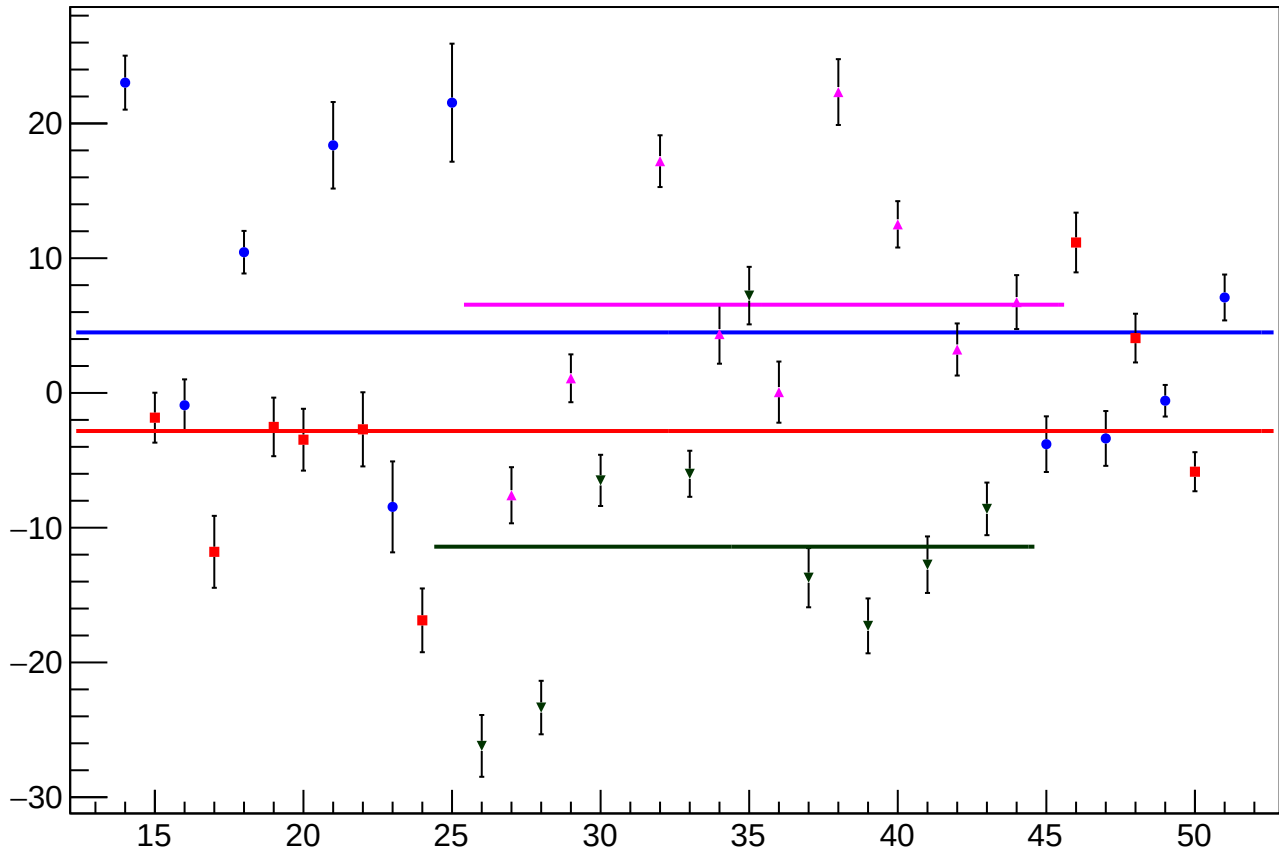
Left Out: 78.457 $\pm$ 3.704 χ^2 /NDF: 917.8/8

Right Out: -112.305 $\pm$ 3.872 χ^2 /NDF: 1470.6/8

Left In: -14.576 $\pm$ 3.215 χ^2 /NDF: 2415.6/8

24.524 $\pm$ 1.742 χ^2 /NDF: 8472.7/36

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 4.492 ± 0.608 χ^2/NDF : 208.4/9

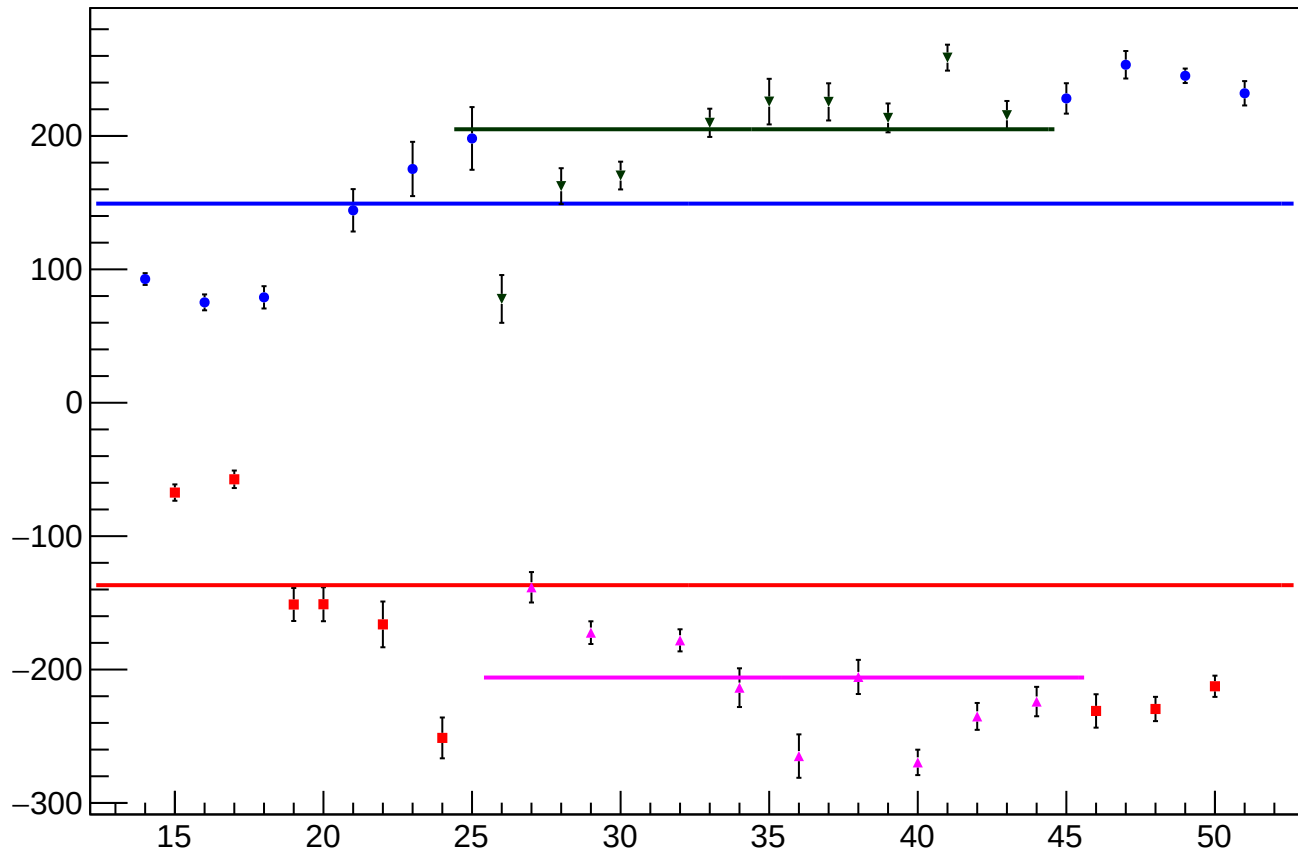
Left Out: -11.409 ± 0.671 χ^2/NDF : 182.6/8

Right Out: -2.825 ± 0.685 χ^2/NDF : 105.6/8

Left In: 6.549 ± 0.668 χ^2/NDF : 152.2/8

-0.485 ± 0.328 χ^2/NDF : 1103.5/36

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 149.275 ± 2.463 $\chi^2/\text{NDF}: 938.3/9$

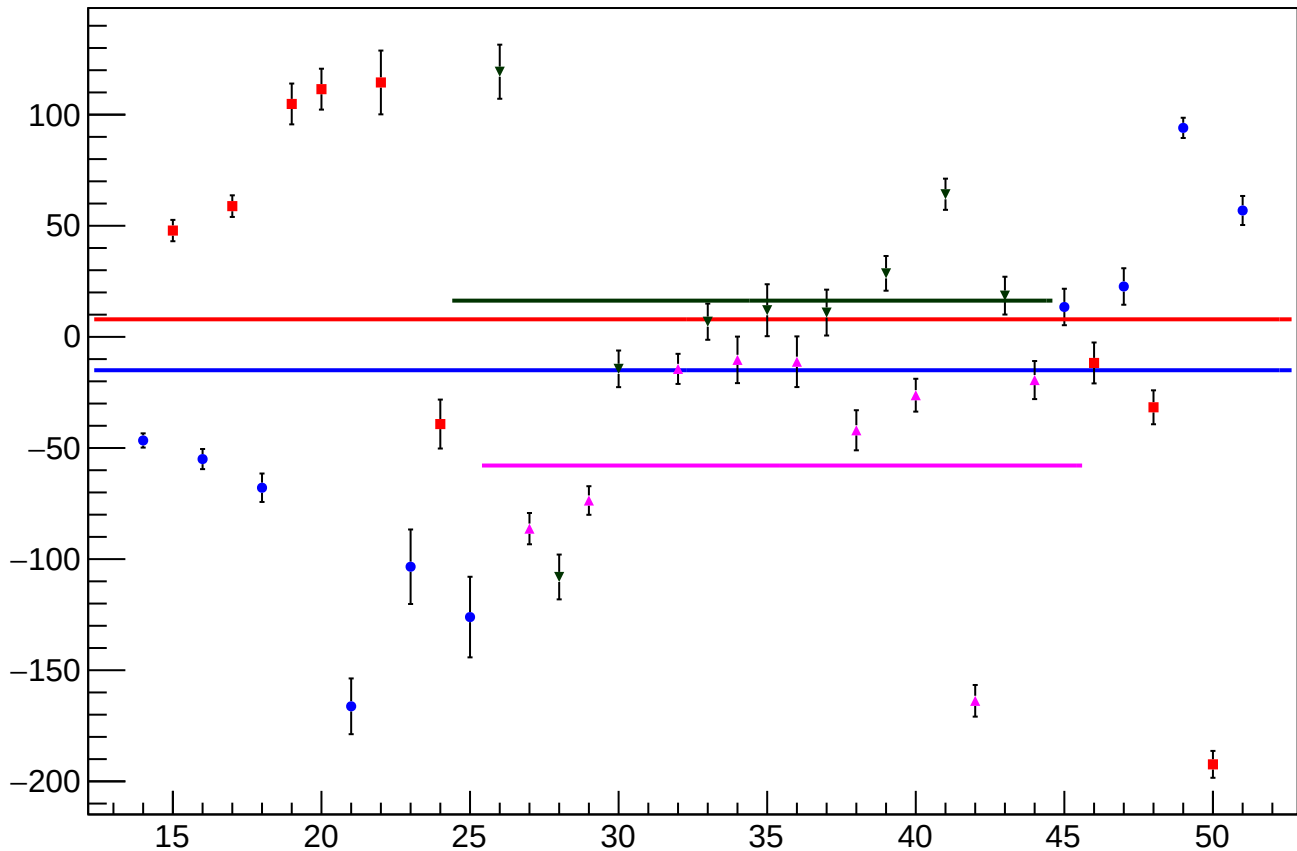
Left Out: 205.016 ± 3.976 $\chi^2/\text{NDF}: 107.5/8$

16.580 ± 1.557 $\chi^2/\text{NDF}: 13322.8/36$

Right Out: -136.748 ± 3.094 $\chi^2/\text{NDF}: 587.6/8$

Left In: -205.989 ± 3.539 $\chi^2/\text{NDF}: 131.2/8$

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -15.007 ± 1.874 $\chi^2/\text{NDF}: 1182.1/9$

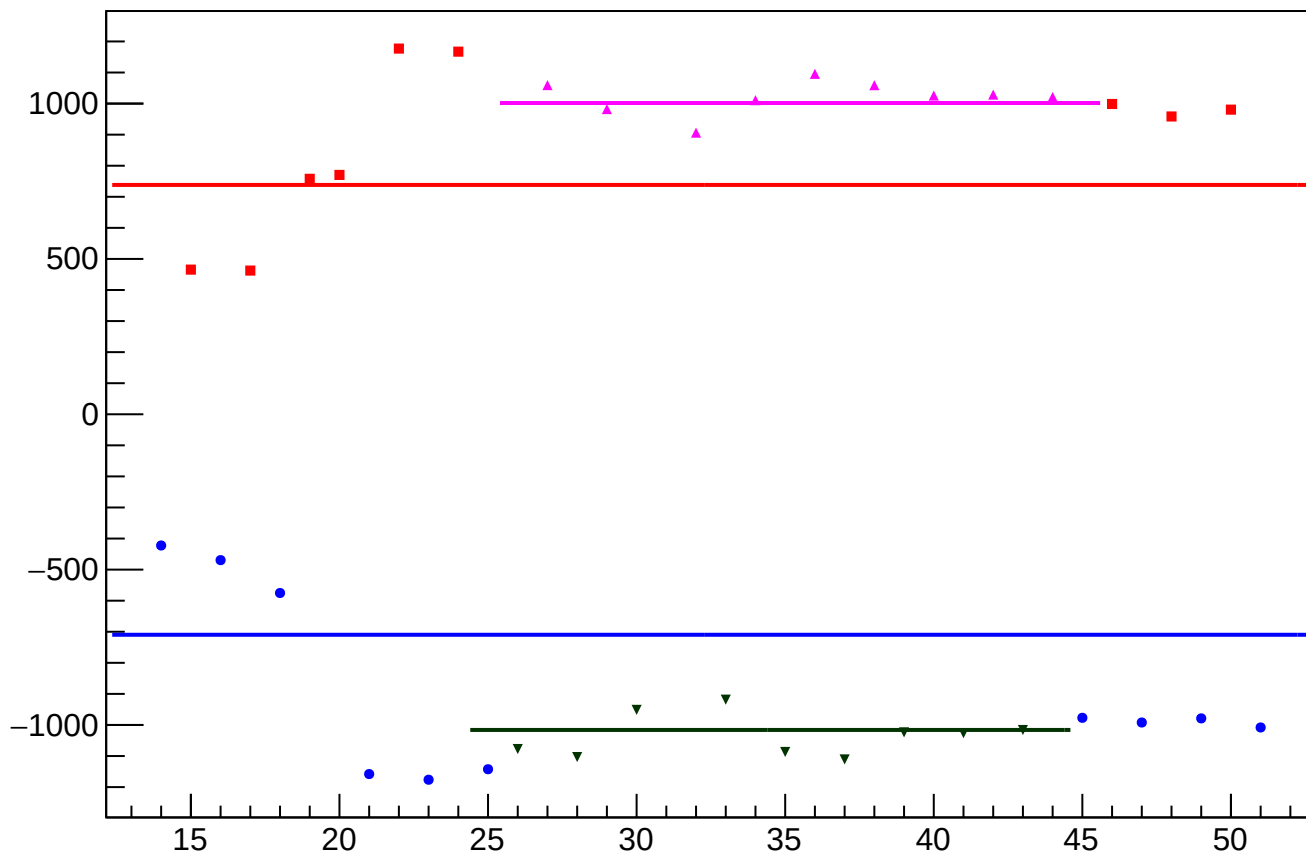
Left Out: 16.311 ± 2.966 $\chi^2/\text{NDF}: 288.5/8$

Right Out: 7.904 ± 2.366 $\chi^2/\text{NDF}: 1618.2/8$

Left In: -57.884 ± 2.609 $\chi^2/\text{NDF}: 363.4/8$

-13.136 ± 1.175 $\chi^2/\text{NDF}: 3925.0/36$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -709.710+/-0.469 χ^2/NDF : 354740.4/9

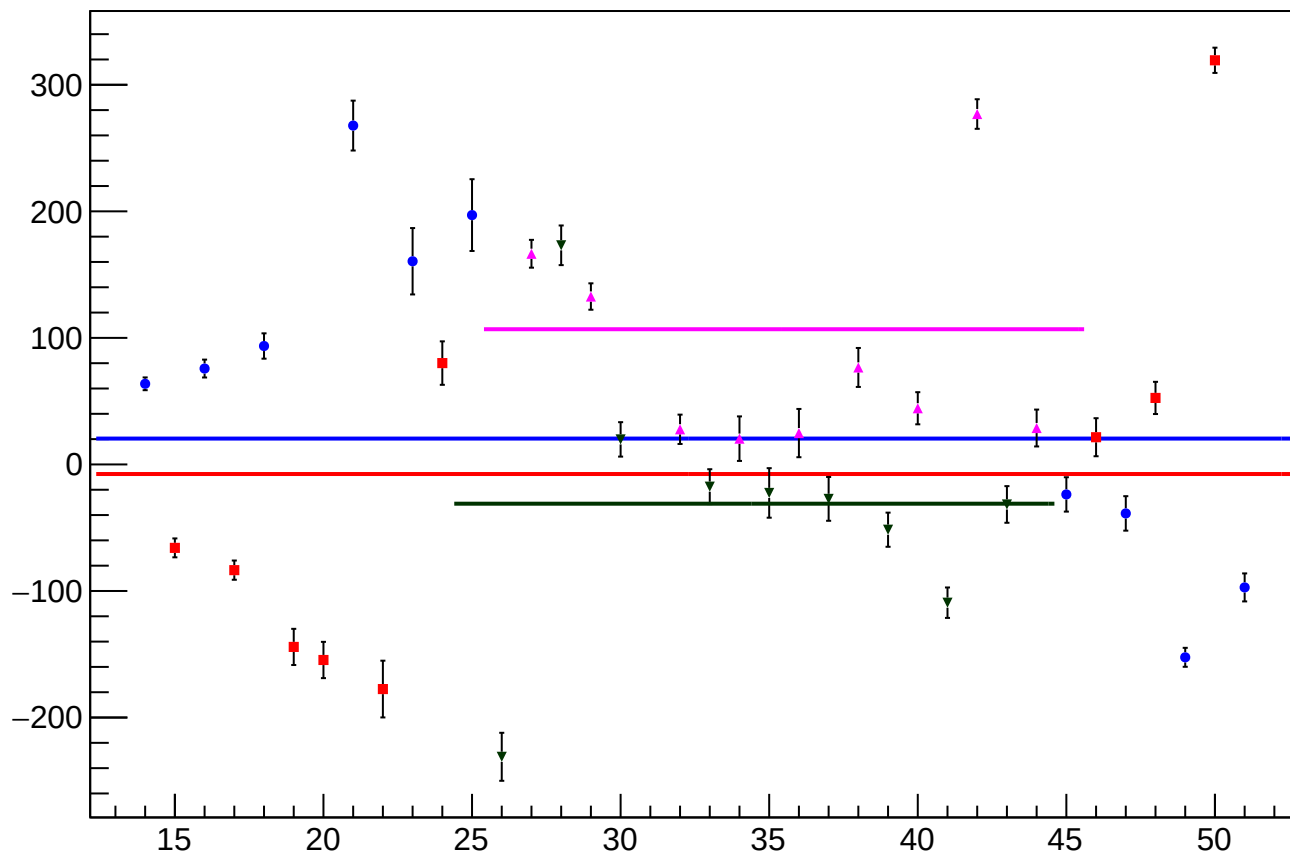
Left Out: -1016.038+/-0.663 χ^2/NDF : 9076.6/8

Right Out: 738.181+/-0.581 χ^2/NDF : 204693.7/8

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-50.076+/-0.283 χ^2/NDF : 9525740.7/36

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 20.439+/-2.997 χ^2 /NDF: 1087.7/9

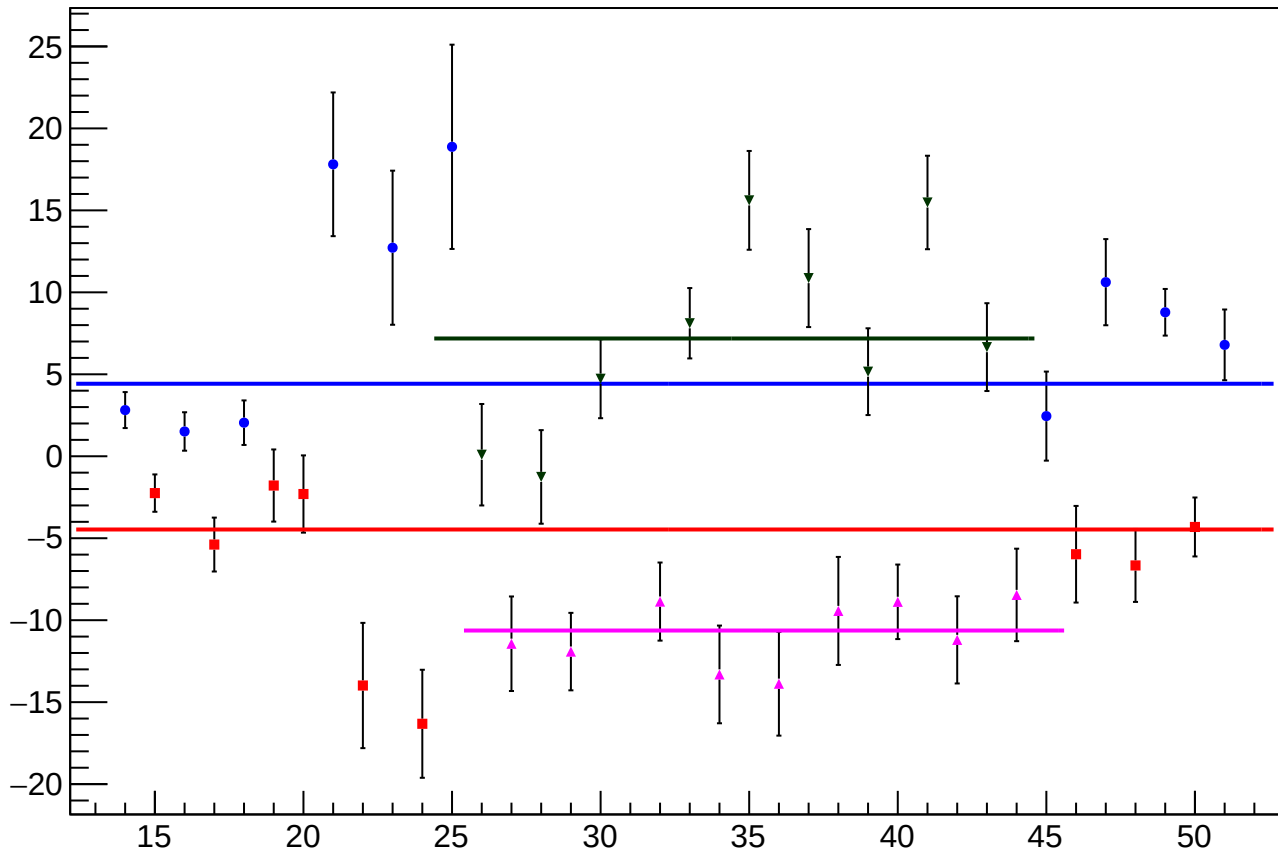
Left Out: -31.022+/-4.960 χ^2 /NDF: 340.9/8

Right Out: -7.572+/-3.752 χ^2 /NDF: 1541.0/8

Left In: 106.845+/-4.330 χ^2 /NDF: 393.2/8

22.350+/-1.902 χ^2 /NDF: 3923.4/36

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 4.424 ± 0.558 $\chi^2/\text{NDF}: 45.9/9$

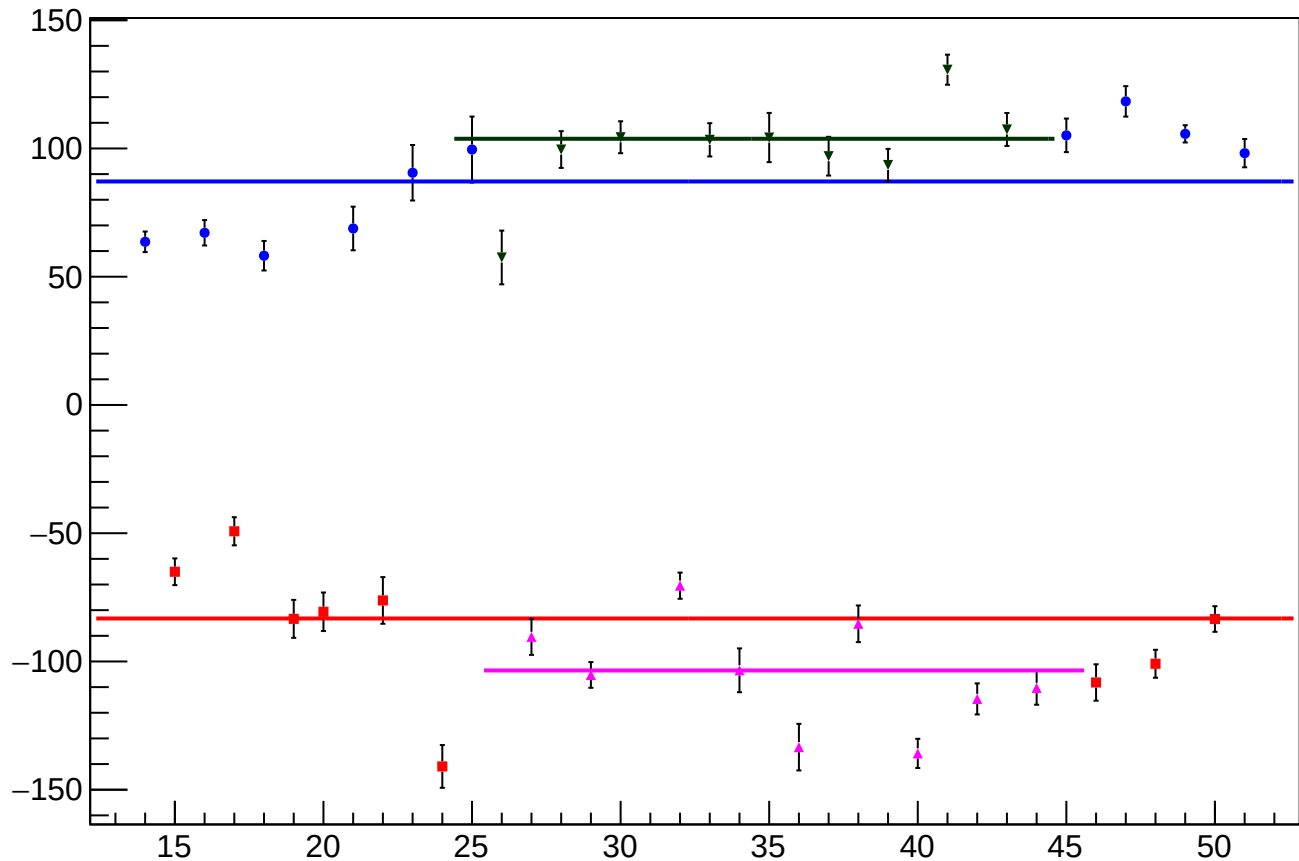
Left Out: 7.185 ± 0.897 $\chi^2/\text{NDF}: 33.7/8$

-0.048 ± 0.353 $\chi^2/\text{NDF}: 423.9/36$

Right Out: -4.467 ± 0.657 $\chi^2/\text{NDF}: 26.8/8$

Left In: -10.630 ± 0.898 $\chi^2/\text{NDF}: 4.1/8$

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 87.133 ± 1.730 χ^2/NDF : 151.3/9

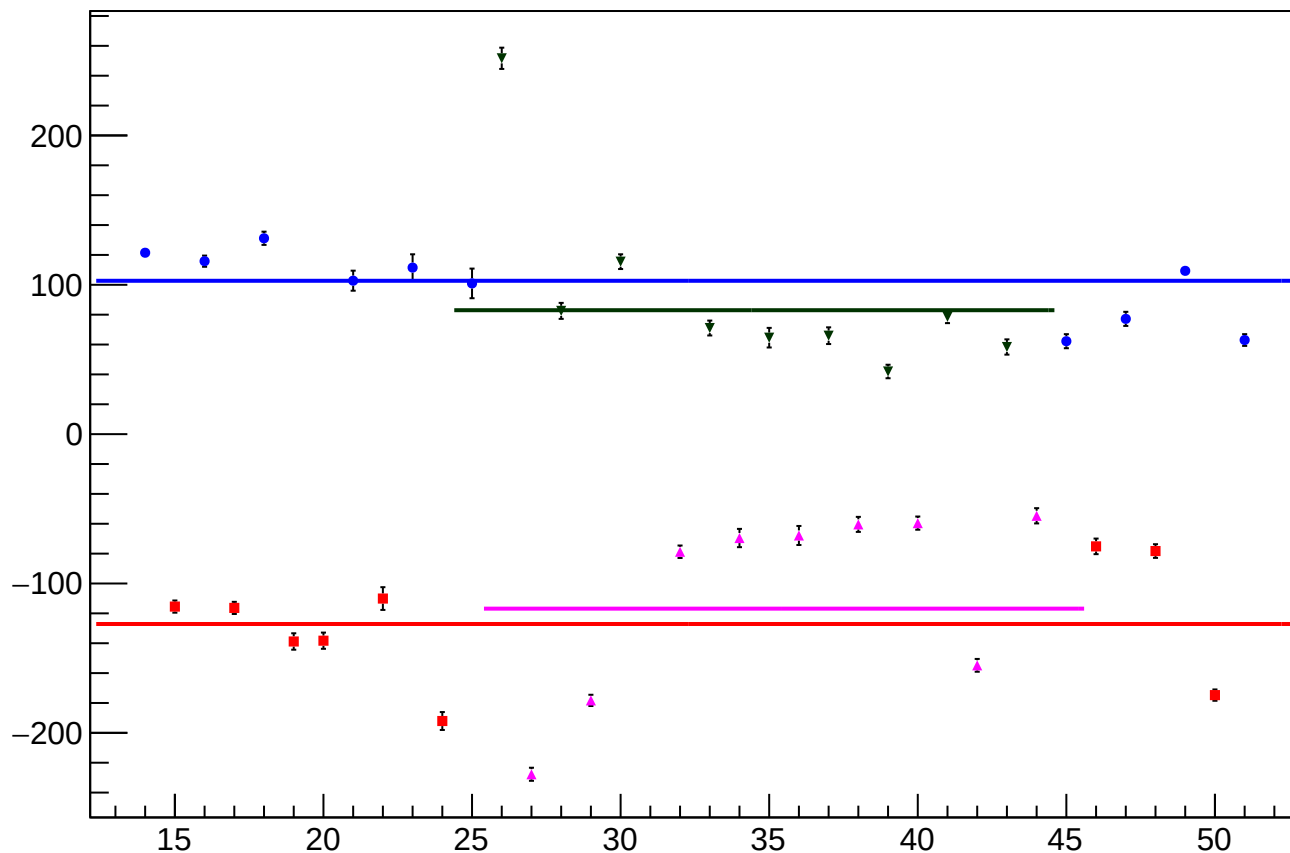
Left Out: 103.778 ± 2.323 χ^2/NDF : 44.8/8

Right Out: -83.241 ± 2.103 χ^2/NDF : 122.1/8

Left In: -103.505 ± 2.108 χ^2/NDF : 99.4/8

6.434 ± 1.015 χ^2/NDF : 8889.0/36

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 102.688 $\pm$ 1.331 χ^2 /NDF: 306.7/9

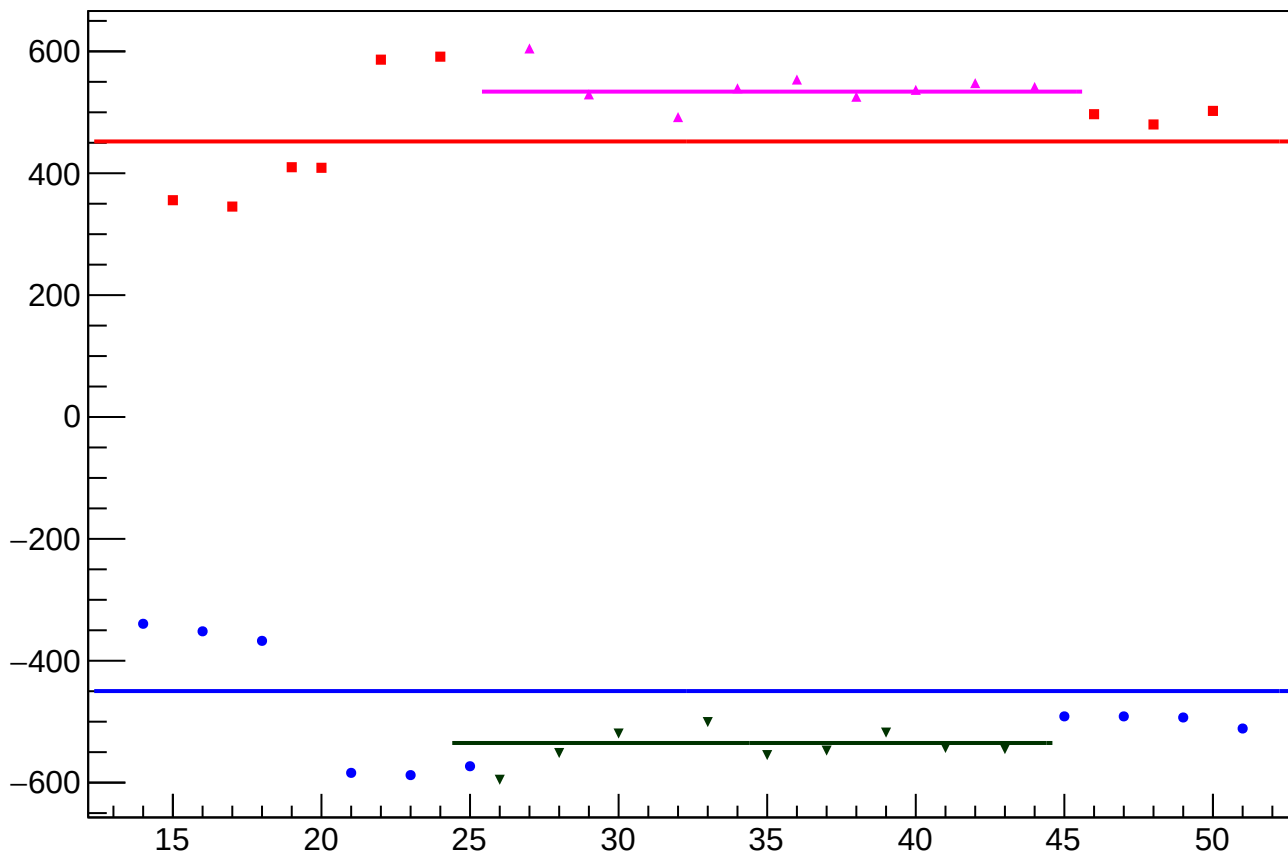
Left Out: 82.987 $\pm$ 1.731 χ^2 /NDF: 733.8/8

Right Out: -127.119 $\pm$ 1.608 χ^2 /NDF: 517.2/8

Left In: -116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

-6.997 $\pm$ 0.767 χ^2 /NDF: 23270.4/36

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -449.760+/-0.325 χ^2/NDF : 63285.5/9

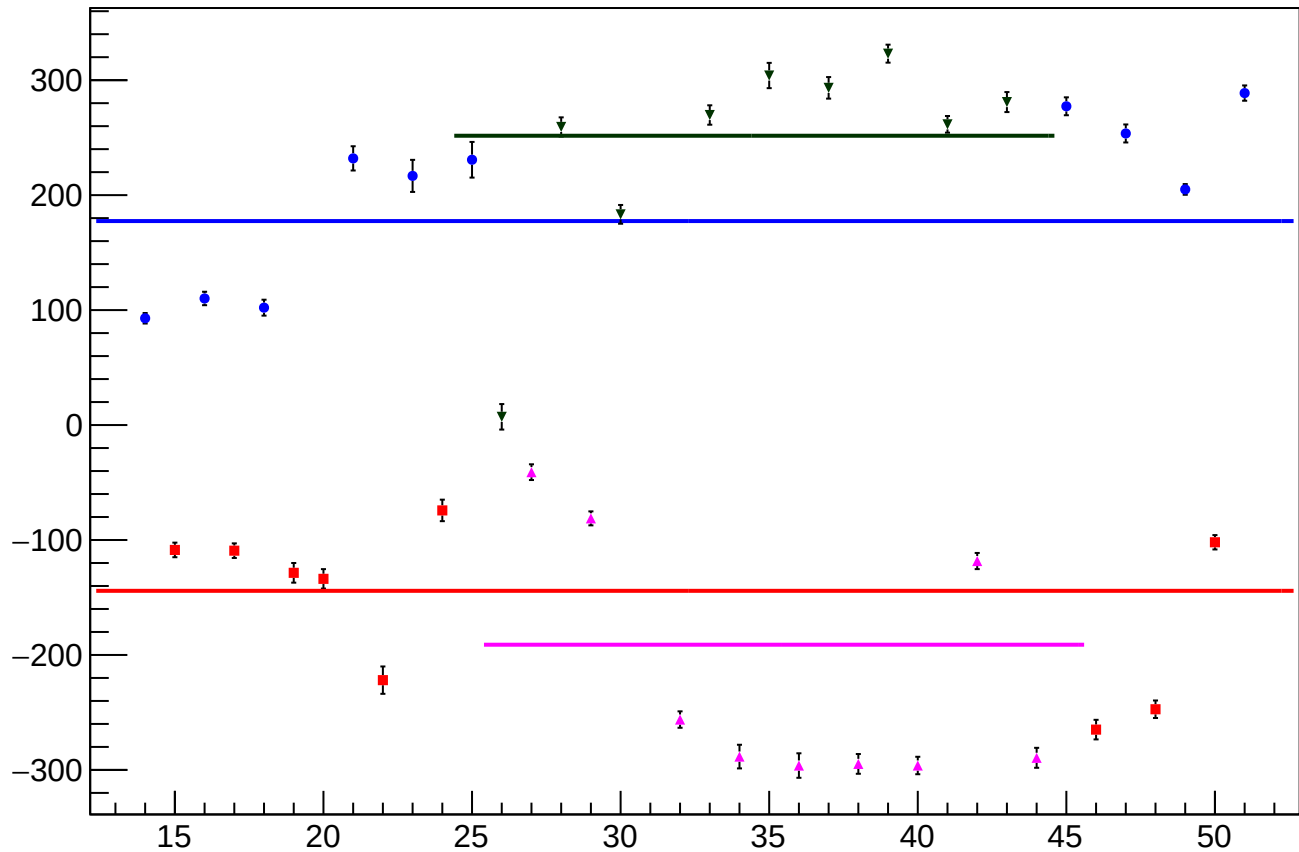
Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

Right Out: 452.180+/-0.390 χ^2/NDF : 40872.8/8

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-24.718+/-0.181 χ^2/NDF : 7448188.3/36

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 177.443 $\pm$ 2.144 χ^2 /NDF: 1212.8/9

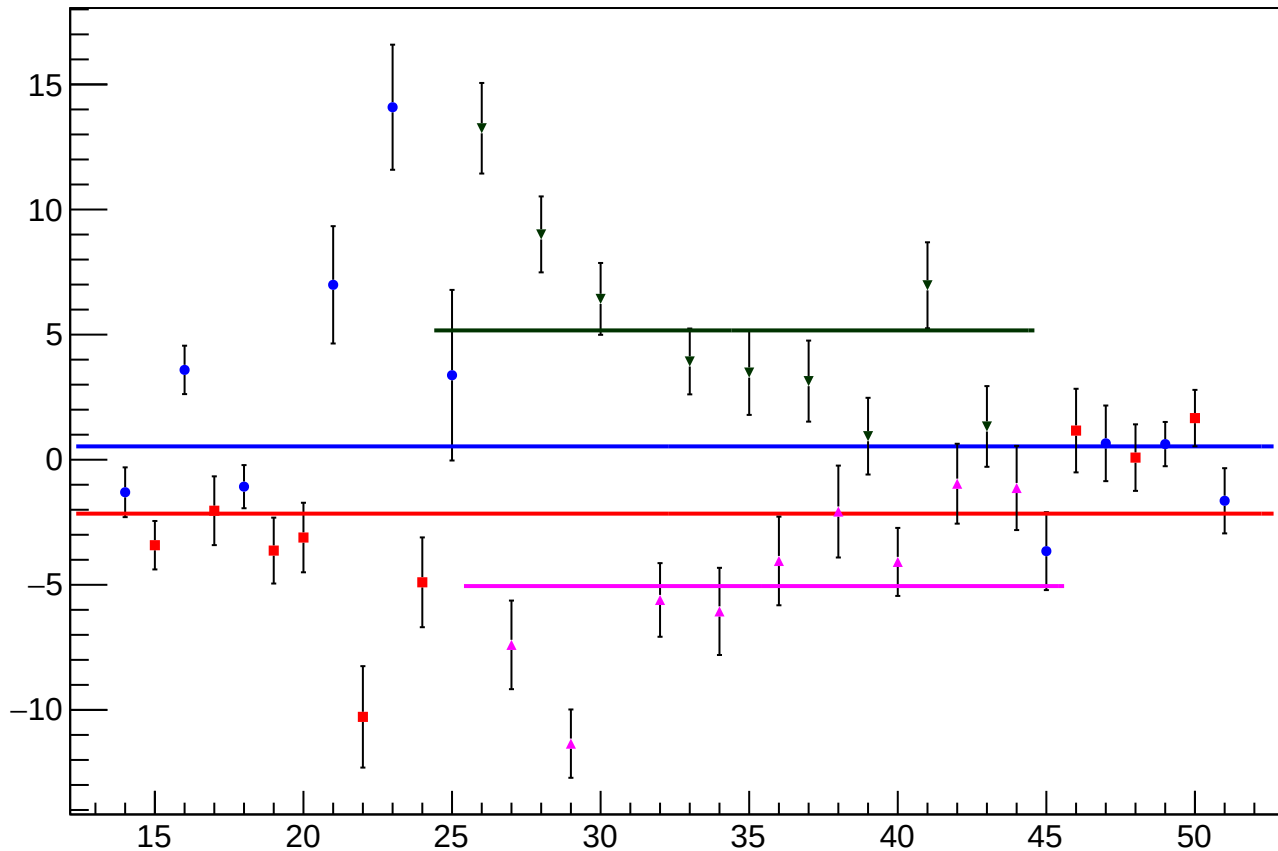
Left Out: 251.665 $\pm$ 2.888 χ^2 /NDF: 700.3/8

Right Out: -144.210 $\pm$ 2.563 χ^2 /NDF: 594.2/8

Left In: -191.089 $\pm$ 2.577 χ^2 /NDF: 1650.2/8

28.172 $\pm$ 1.250 χ^2 /NDF: 26759.2/36

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.533 ± 0.390 χ^2/NDF : 64.6/9

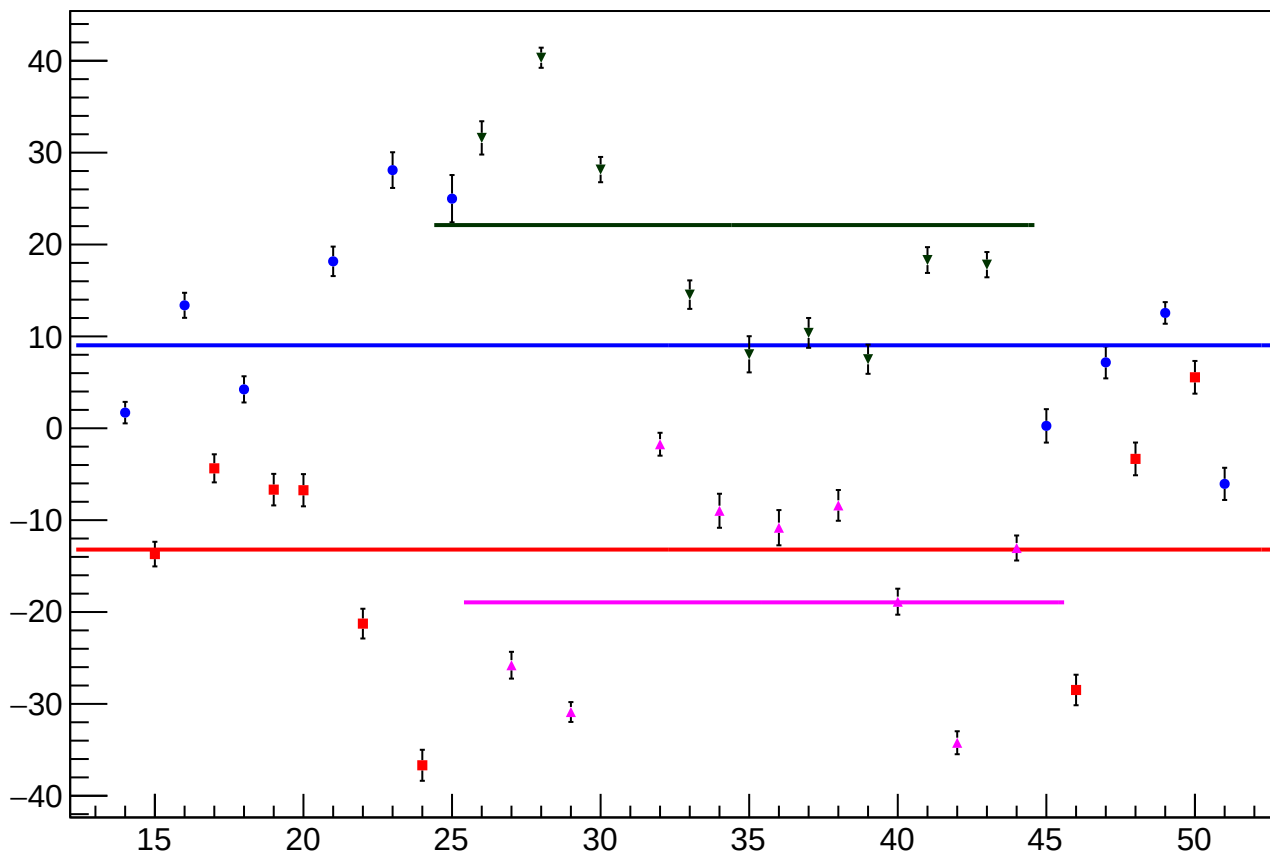
Left Out: 5.168 ± 0.521 χ^2/NDF : 44.9/8

Right Out: -2.155 ± 0.449 χ^2/NDF : 40.1/8

Left In: -5.051 ± 0.531 χ^2/NDF : 39.0/8

-0.324 ± 0.231 χ^2/NDF : 400.3/36

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 9.030 ± 0.485 $\chi^2/\text{NDF}: 335.4/9$

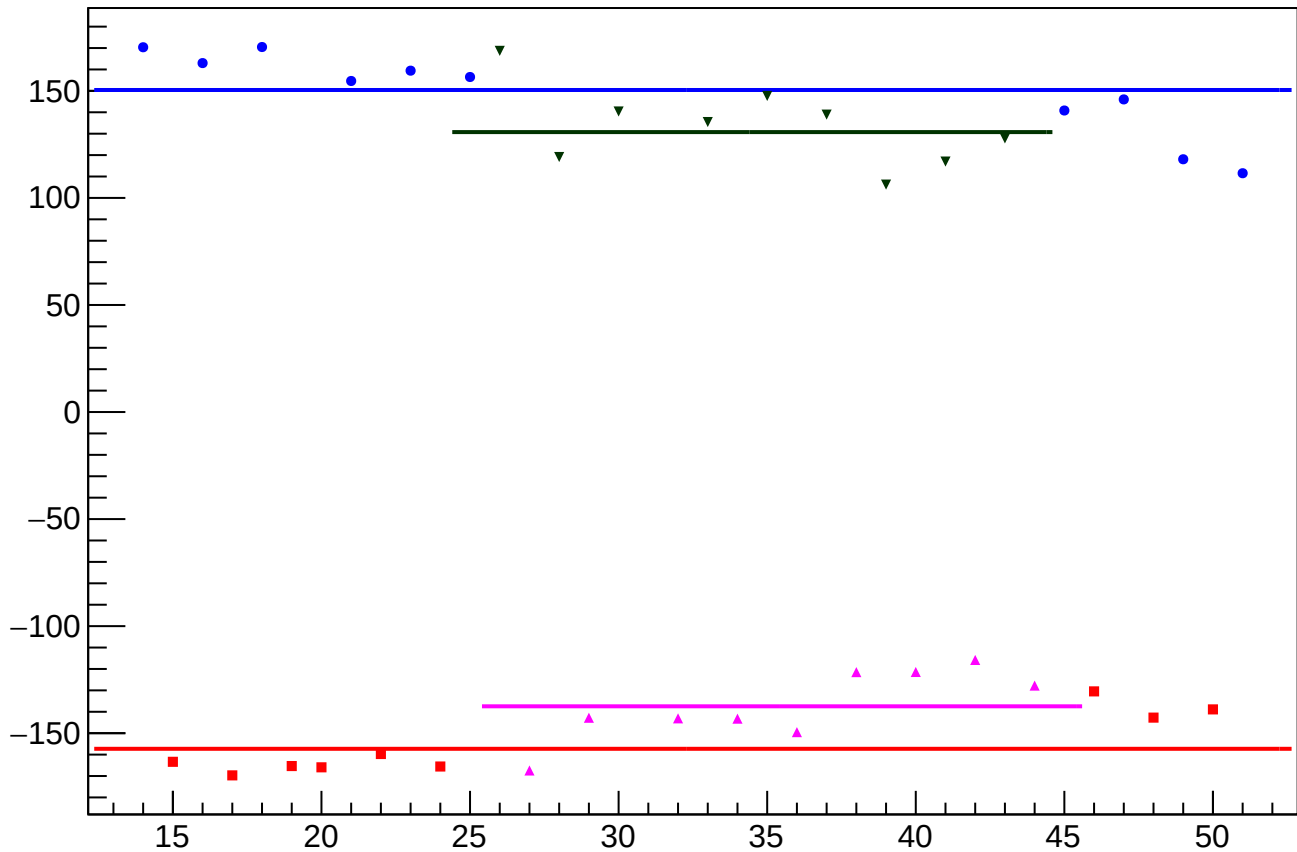
Left Out: 22.117 ± 0.491 $\chi^2/\text{NDF}: 551.8/8$

-0.063 ± 0.247 $\chi^2/\text{NDF}: 6589.5/36$

Right Out: -13.202 ± 0.544 $\chi^2/\text{NDF}: 506.2/8$

Left In: -18.949 ± 0.468 $\chi^2/\text{NDF}: 590.0/8$

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 150.407 $\pm$ 0.375 χ^2 /NDF: 3123.6/9

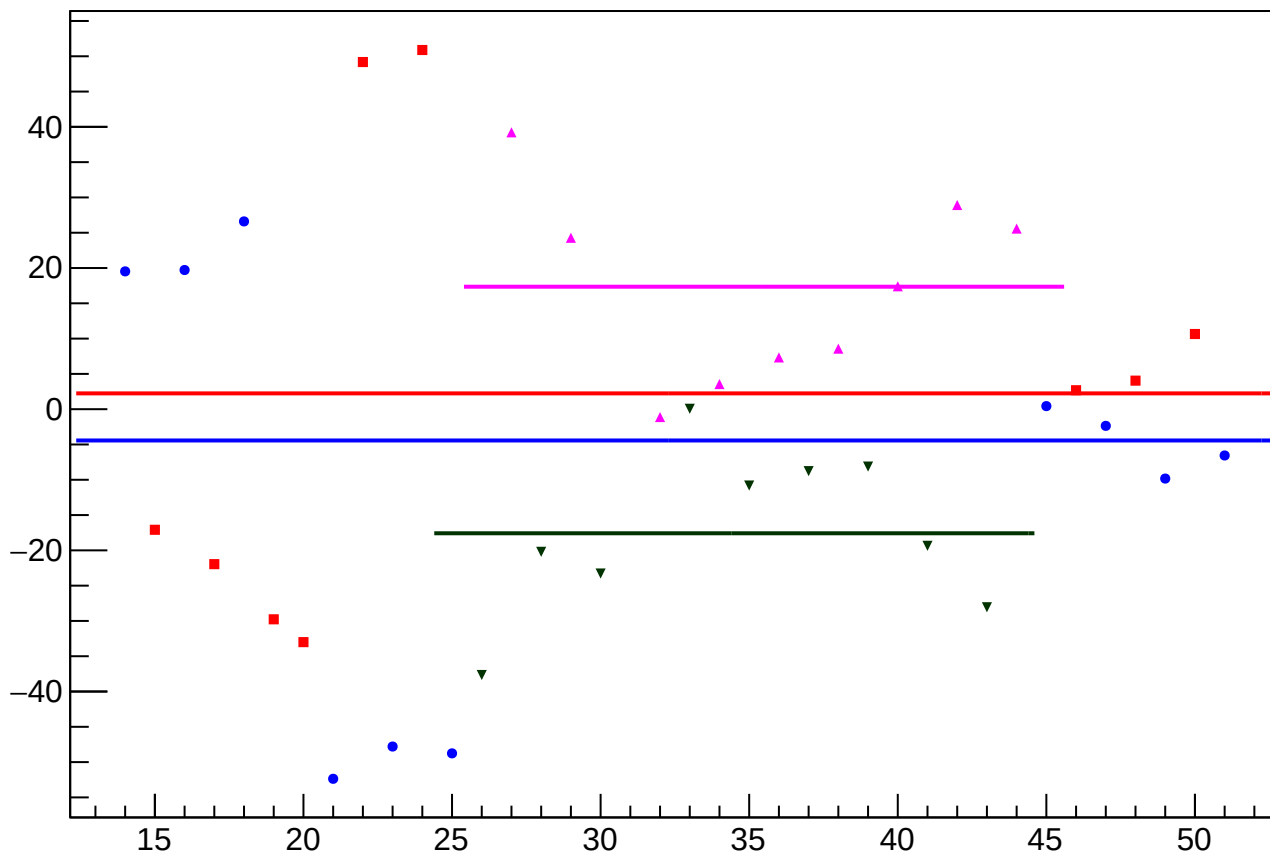
Left Out: 130.746 $\pm$ 0.370 χ^2 /NDF: 2040.6/8

Right Out: -157.290 $\pm$ 0.417 χ^2 /NDF: 996.5/8

Left In: -137.445 $\pm$ 0.345 χ^2 /NDF: 2221.8/8

-1.134 $\pm$ 0.187 χ^2 /NDF: 594052.8/36

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -4.433 ± 0.090 $\chi^2/\text{NDF}: 87306.8/9$

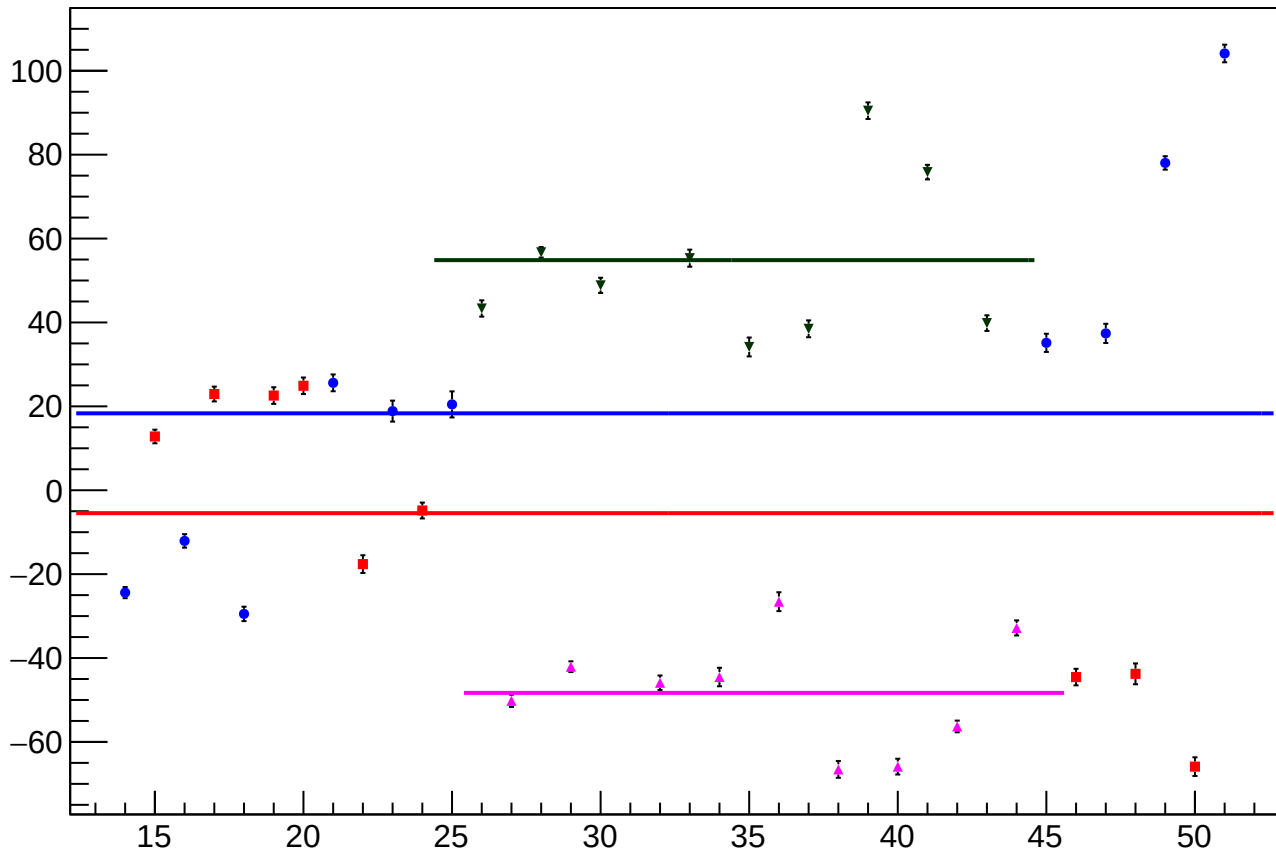
Left Out: -17.579 ± 0.083 $\chi^2/\text{NDF}: 15734.3/8$

Right Out: 2.240 ± 0.100 $\chi^2/\text{NDF}: 82575.9/8$

Left In: 17.353 ± 0.080 $\chi^2/\text{NDF}: 25926.3/8$

-0.398 ± 0.044 $\chi^2/\text{NDF}: 306496.0/36$

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 18.333+/-0.595 χ^2/NDF : 5358.7/9

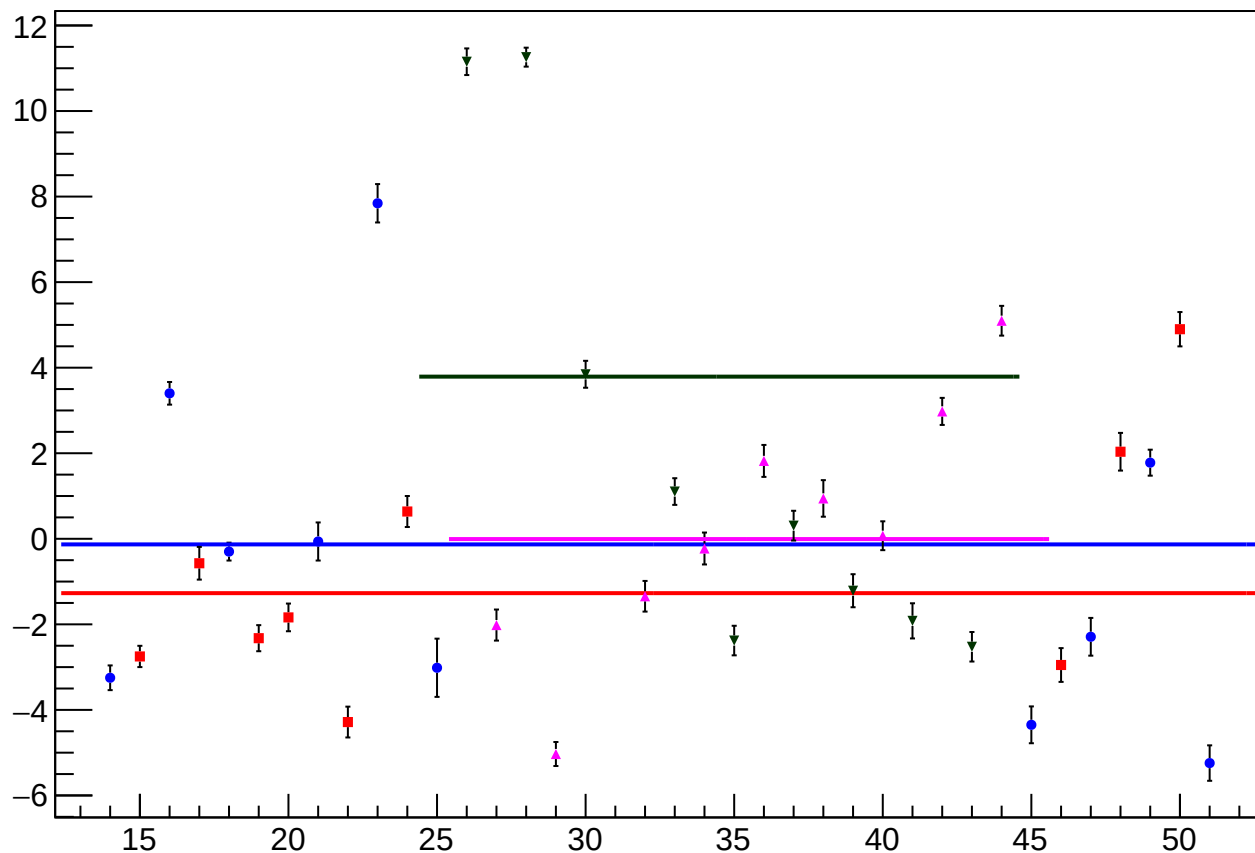
Left Out: 54.857+/-0.602 χ^2/NDF : 733.3/8

Right Out: -5.460+/-0.655 χ^2/NDF : 2220.2/8

Left In: -48.311+/-0.562 χ^2/NDF : 400.4/8

3.371+/-0.300 χ^2/NDF : 25322.6/36

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -0.131 ± 0.106 χ^2/NDF : 940.7/9

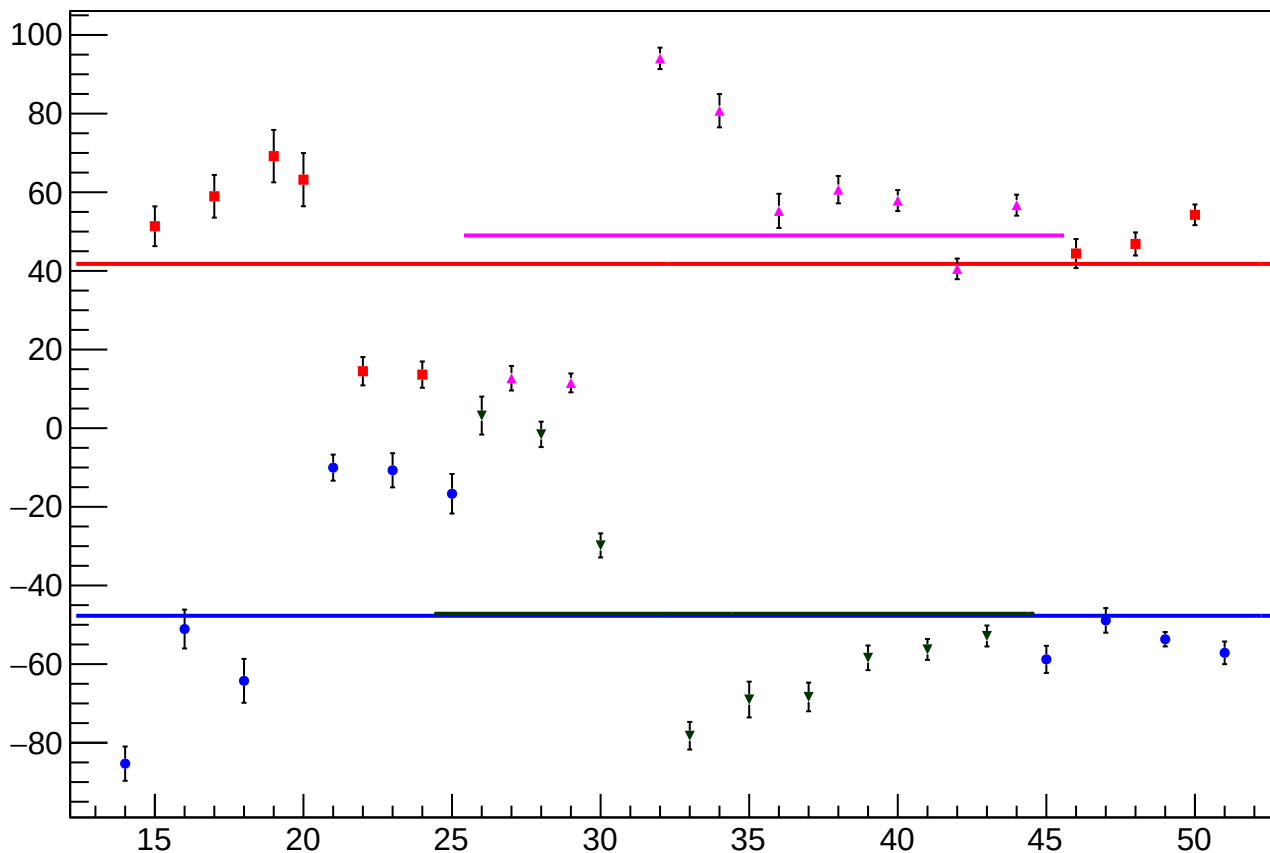
Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

Right Out: -1.271 ± 0.114 χ^2/NDF : 462.3/8

Left In: -0.006 ± 0.116 χ^2/NDF : 698.3/8

0.691 ± 0.055 χ^2/NDF : 6227.7/36

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -47.706 $\pm$ 1.045 χ^2 /NDF: 355.3/9

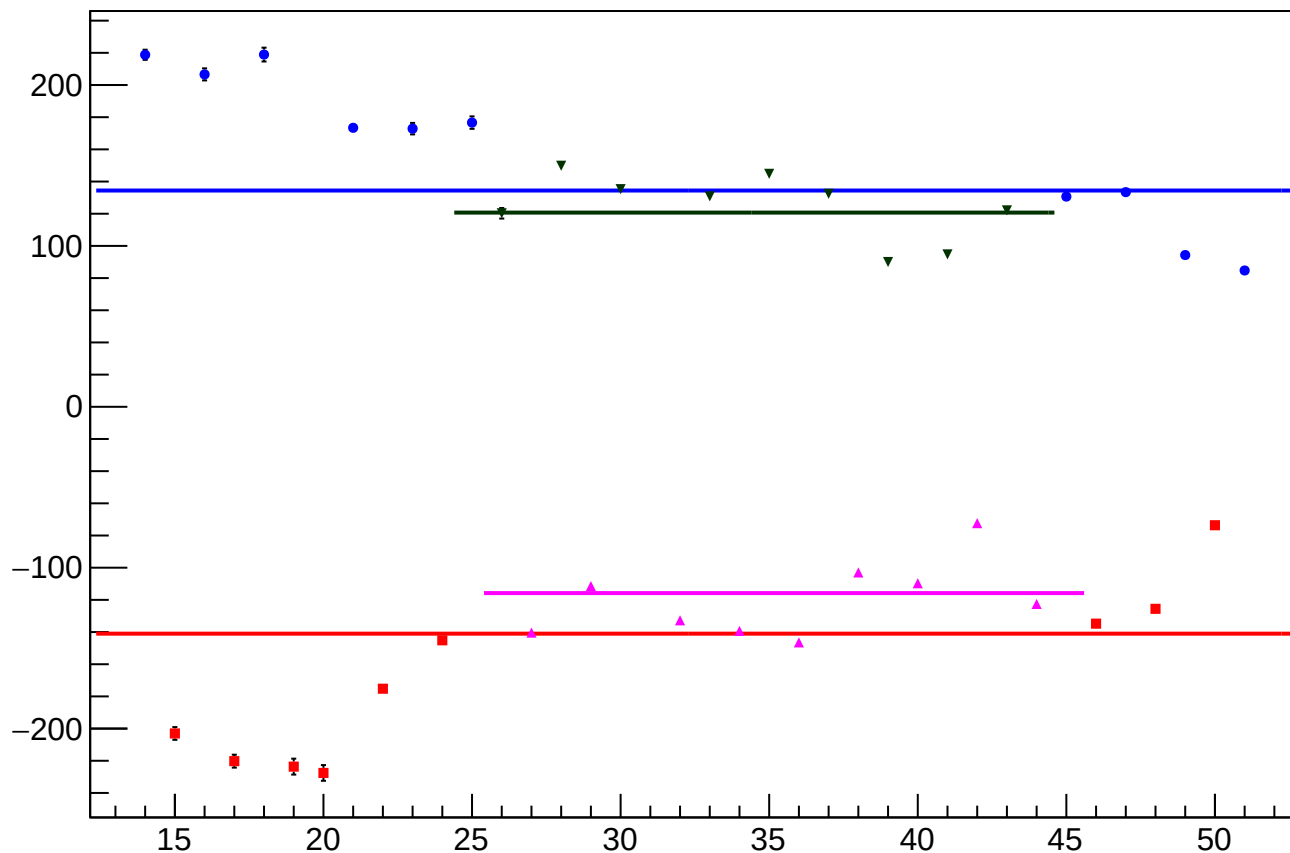
Left Out: -47.193 $\pm$ 1.094 χ^2 /NDF: 504.1/8

Right Out: 41.784 $\pm$ 1.273 χ^2 /NDF: 194.8/8

Left In: 49.009 $\pm$ 0.986 χ^2 /NDF: 751.0/8

-2.022 $\pm$ 0.543 χ^2 /NDF: 9281.6/36

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 134.419+/-0.816 χ^2/NDF : 3196.2/9

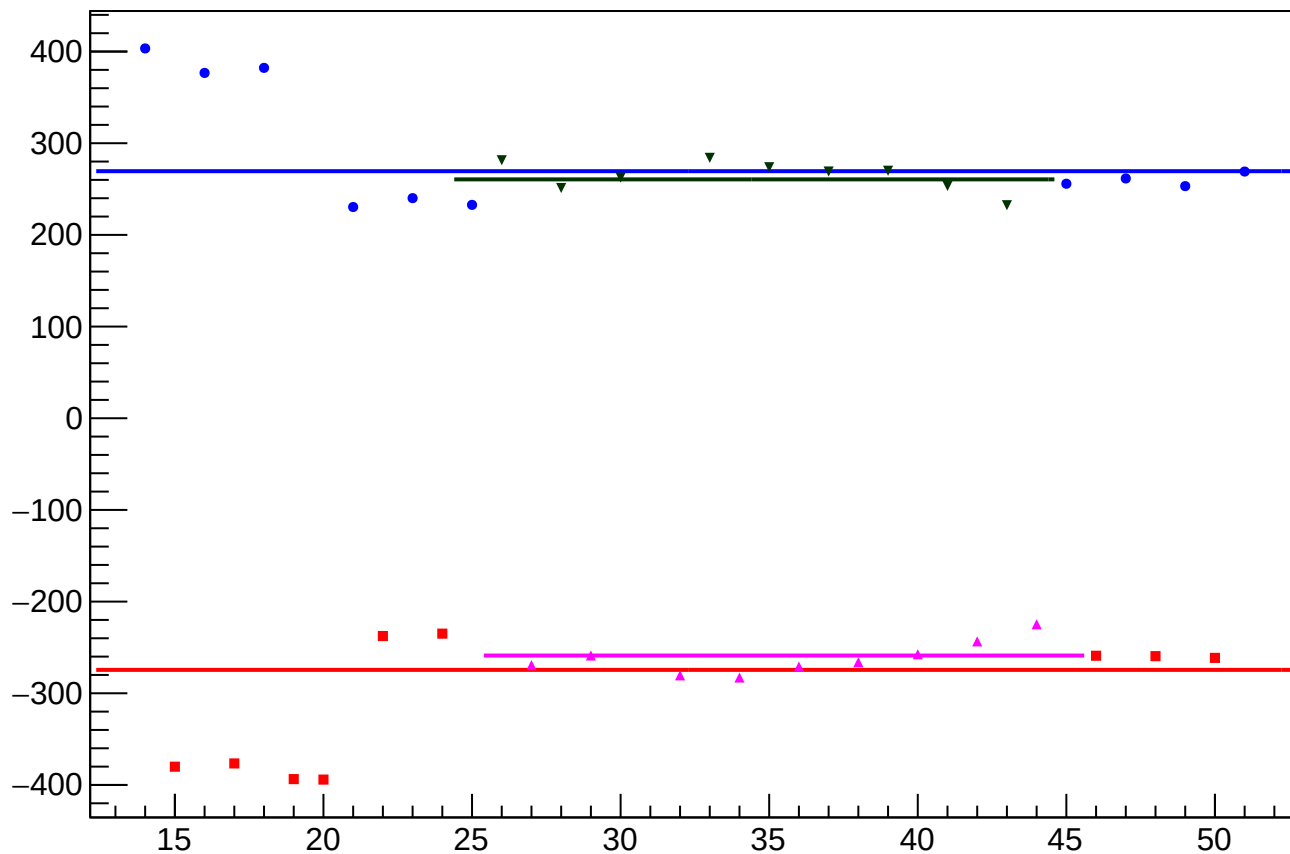
Left Out: 120.704+/-0.817 χ^2/NDF : 639.7/8

Right Out: -140.999+/-0.979 χ^2/NDF : 2544.4/8

Left In: -115.783+/-0.721 χ^2/NDF : 983.2/8

2.202+/-0.409 χ^2/NDF : 102782.9/36

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 269.497 $\pm$ 0.192 χ^2 /NDF: 58737.0/9

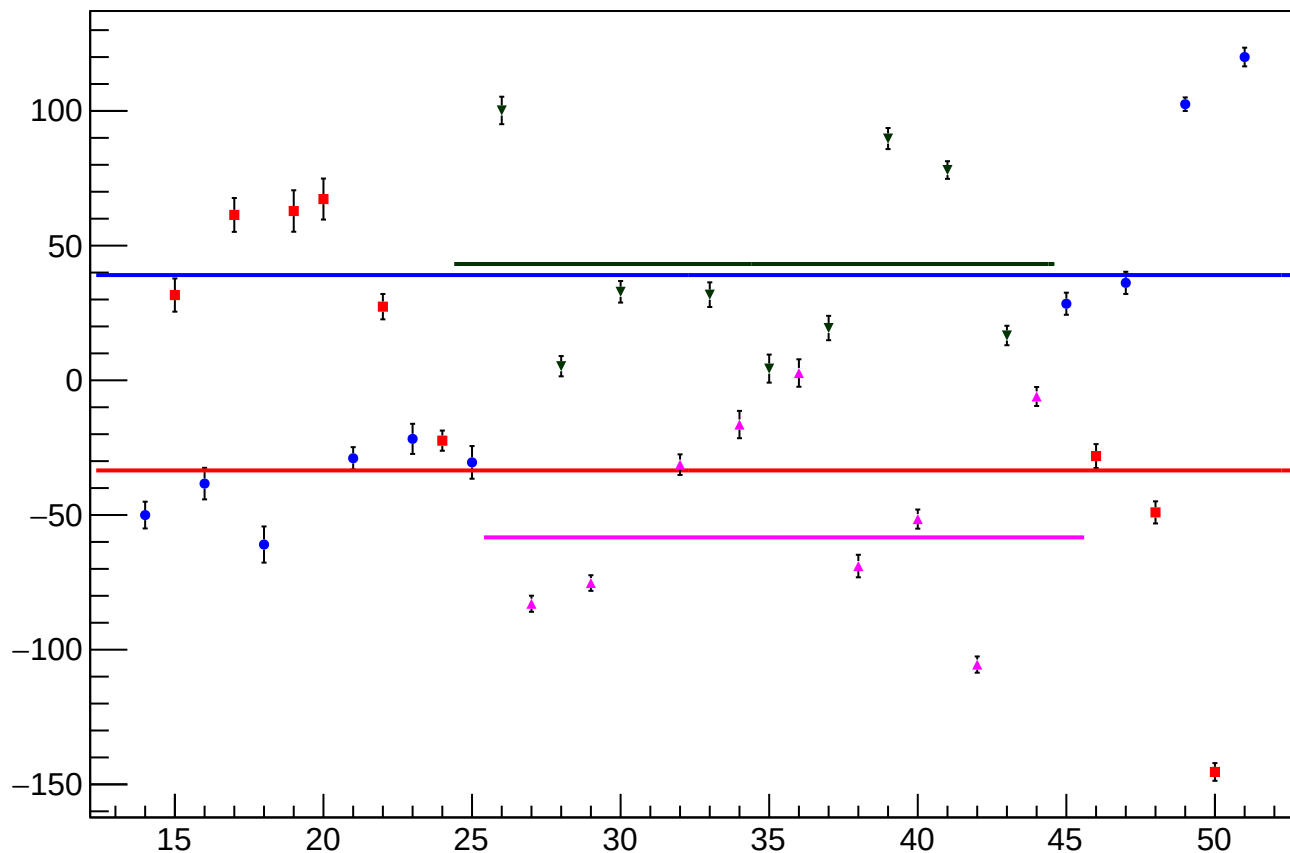
Left Out: 260.566 $\pm$ 0.183 χ^2 /NDF: 7890.4/8

Right Out: -274.475 $\pm$ 0.231 χ^2 /NDF: 47138.2/8

Left In: -258.829 $\pm$ 0.170 χ^2 /NDF: 11543.7/8

8.383 $\pm$ 0.095 χ^2 /NDF: 7824338.2/36

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 39.073+/-1.326 χ^2 /NDF: 2425.1/9

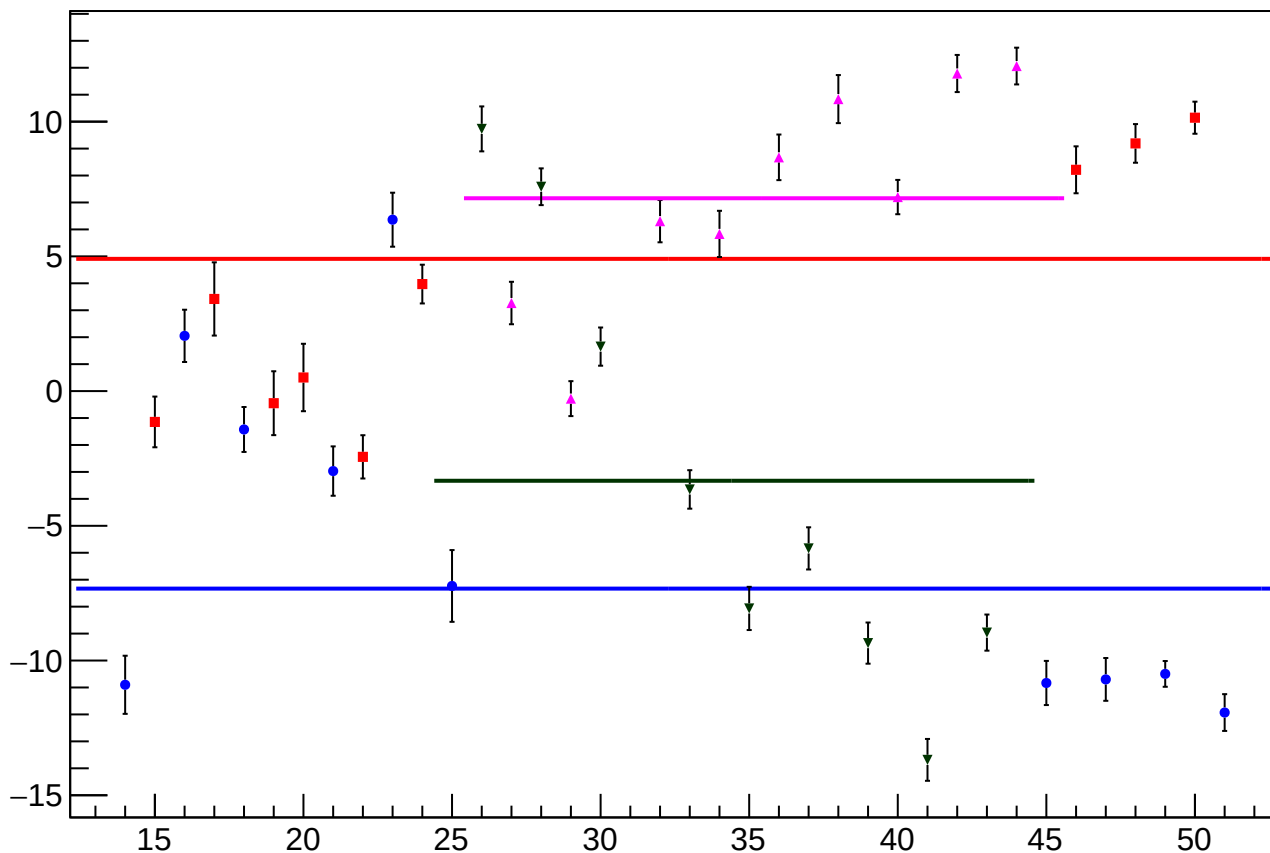
Left Out: 43.180+/-1.361 χ^2 /NDF:631.7/8

Right Out: -33.453+/-1.572 χ^2 /NDF: 2021.7/8

Left In: -58.309+/-1.192 χ^2 /NDF:839.2/8

-4.071+/-0.672 χ^2 /NDF: 10601.0/36

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -7.330 ± 0.252 χ^2/NDF : 489.5/9

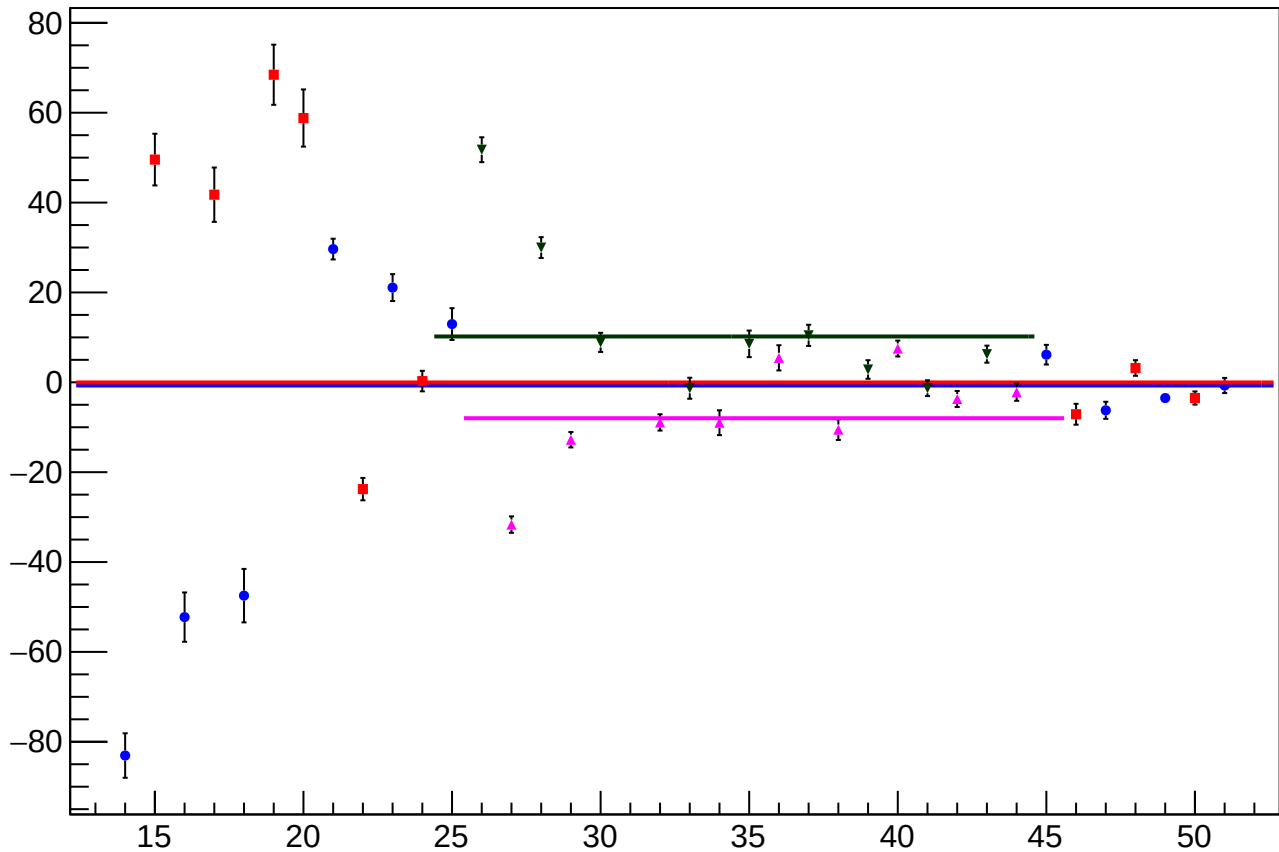
Left Out: -3.328 ± 0.248 χ^2/NDF : 906.6/8

Right Out: 4.907 ± 0.282 χ^2/NDF : 288.3/8

Left In: 7.157 ± 0.247 χ^2/NDF : 276.6/8

0.153 ± 0.128 χ^2/NDF : 4125.1/36

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.705 $\pm$ 0.660 χ^2/NDF : 693.3/9

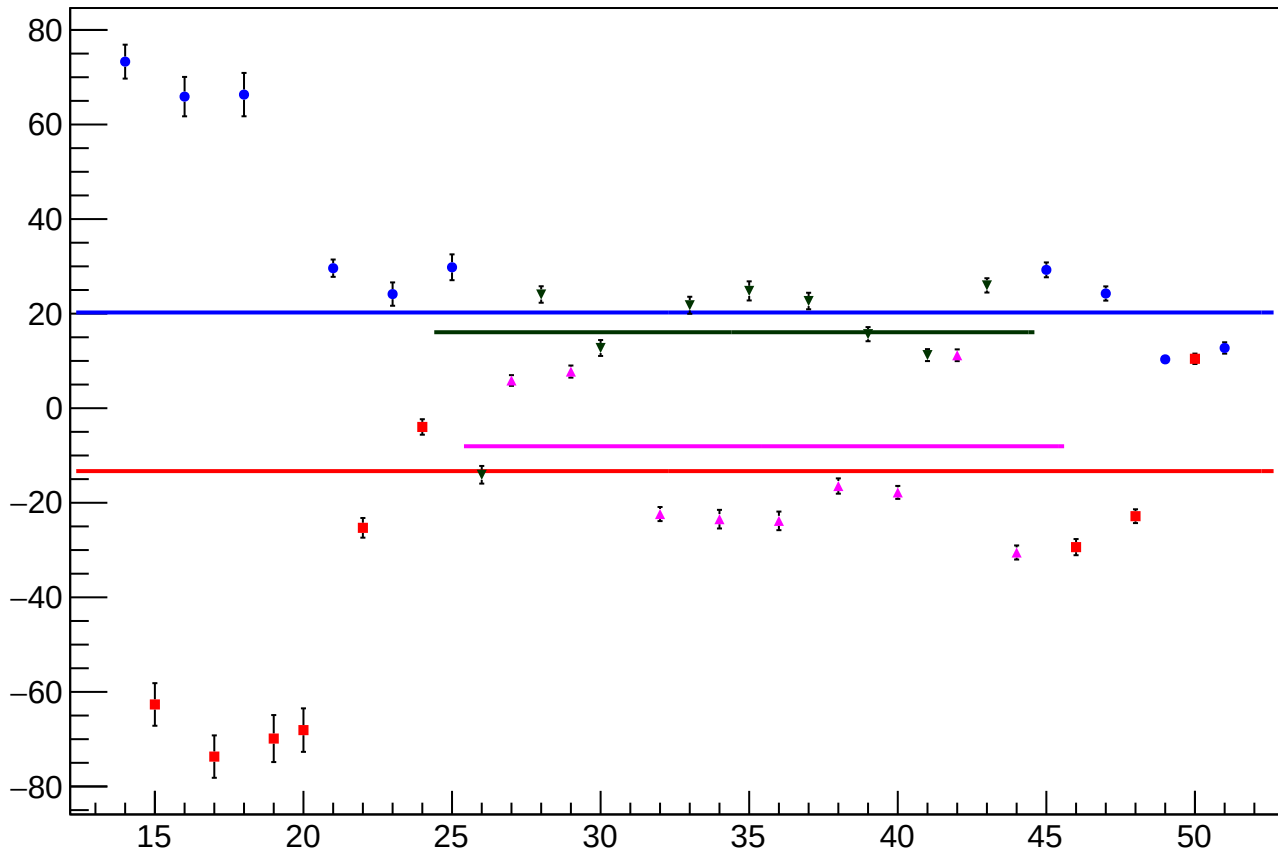
Left Out: 10.204 $\pm$ 0.735 χ^2/NDF : 382.8/8

Right Out: -0.033 $\pm$ 0.833 χ^2/NDF : 421.6/8

Left In: -7.990 $\pm$ 0.660 χ^2/NDF : 291.3/8

-0.145 $\pm$ 0.356 χ^2/NDF : 2129.2/36

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 20.246+/-0.519 χ^2/NDF : 697.1/9

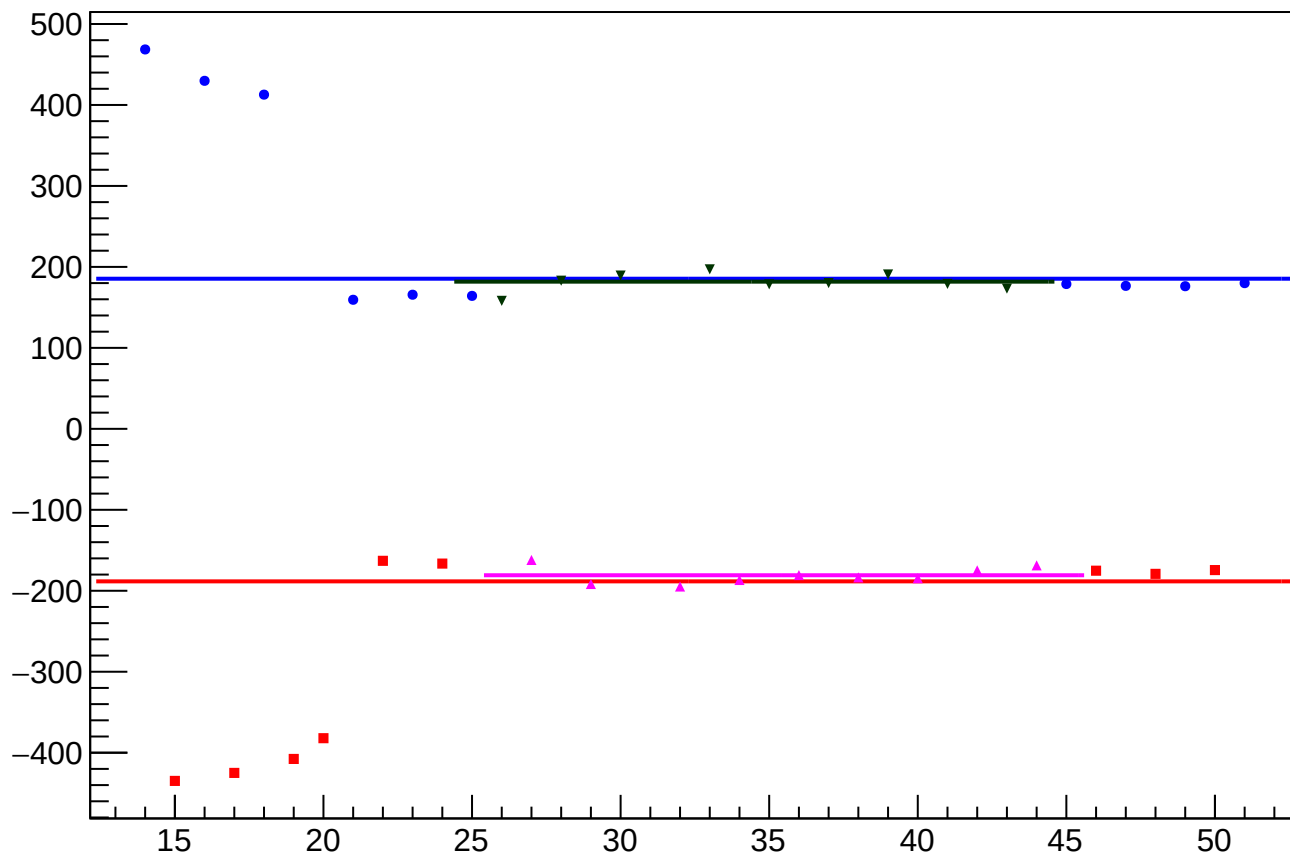
Left Out: 16.069+/-0.546 χ^2/NDF : 386.1/8

4.447+/-0.268 χ^2/NDF : 6214.7/36

Right Out: -13.303+/-0.642 χ^2/NDF : 1234.6/8

Left In: -8.048+/-0.478 χ^2/NDF : 1067.9/8

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 185.406 $\pm$ 0.122 χ^2 /NDF: 188695.0/9

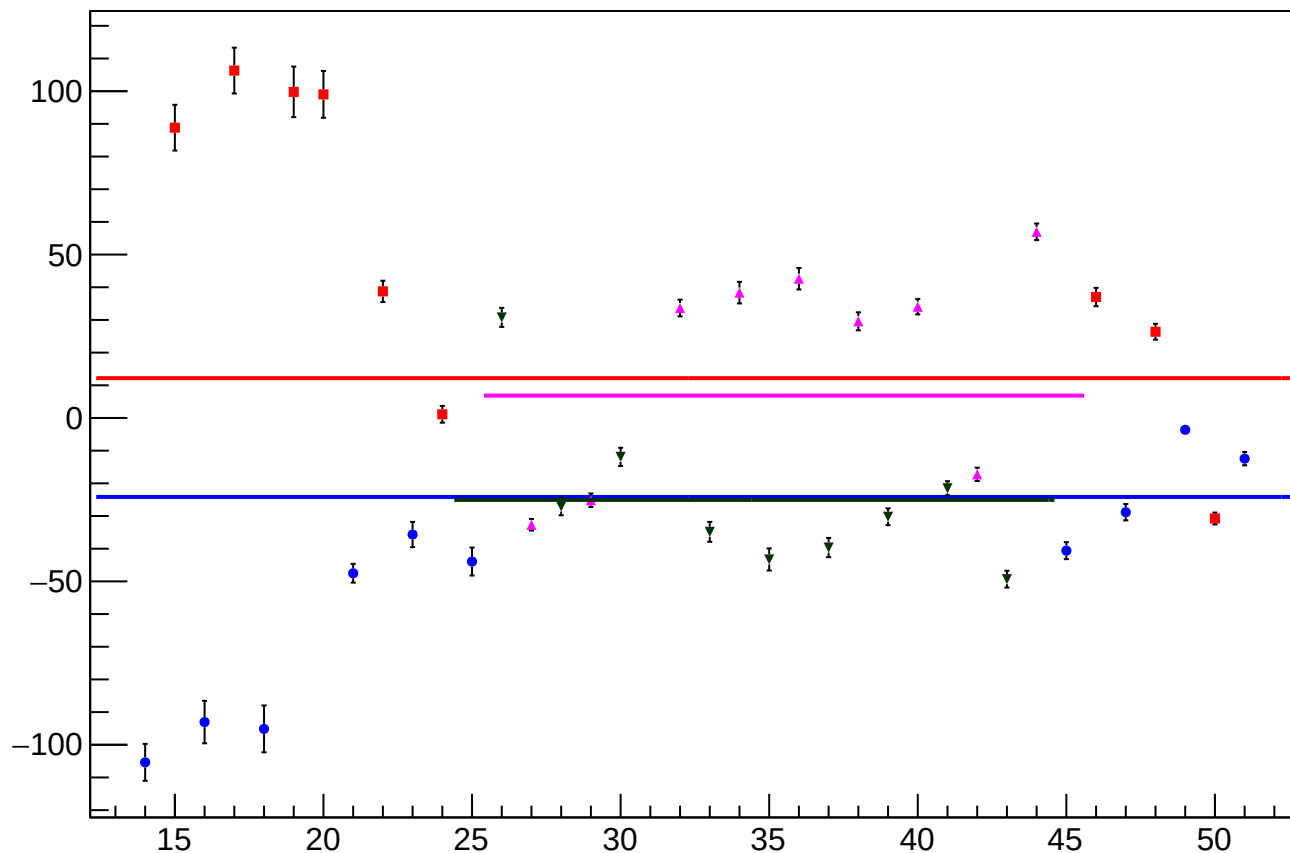
Left Out: 181.782 $\pm$ 0.123 χ^2 /NDF: 6553.1/8

Right Out: -188.385 $\pm$ 0.151 χ^2 /NDF: 153156.6/8

Left In: -180.835 $\pm$ 0.114 χ^2 /NDF: 8962.0/8

8.248 $\pm$ 0.063 χ^2 /NDF: 8925014.8/36

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -24.154 ± 0.850 $\chi^2/\text{NDF}: 807.6/9$

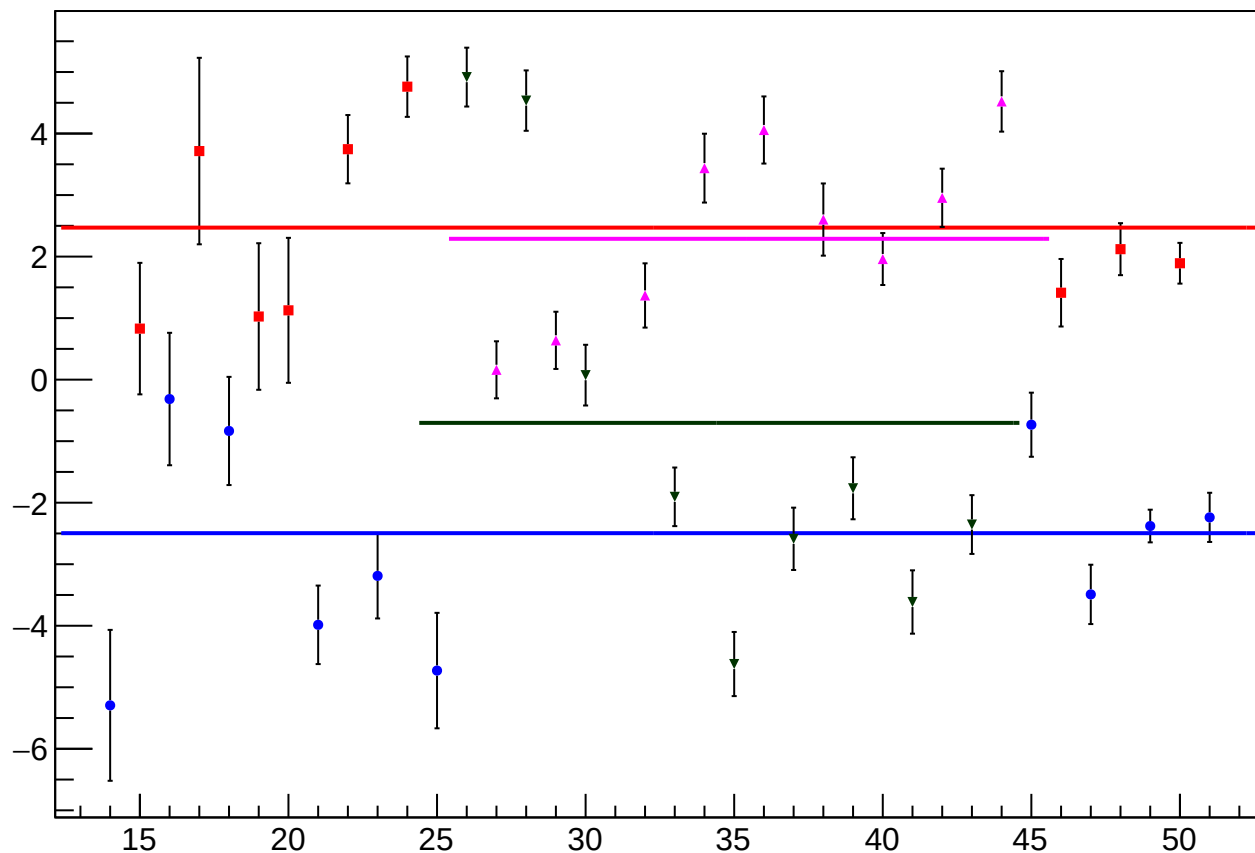
Left Out: -25.070 ± 0.909 $\chi^2/\text{NDF}: 550.5/8$

Right Out: 12.182 ± 1.040 $\chi^2/\text{NDF}: 1332.5/8$

Left In: 6.850 ± 0.790 $\chi^2/\text{NDF}: 1794.2/8$

-8.105 ± 0.442 $\chi^2/\text{NDF}: 5927.6/36$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.495 $\pm$ 0.165 χ^2 /NDF: 41.3/9

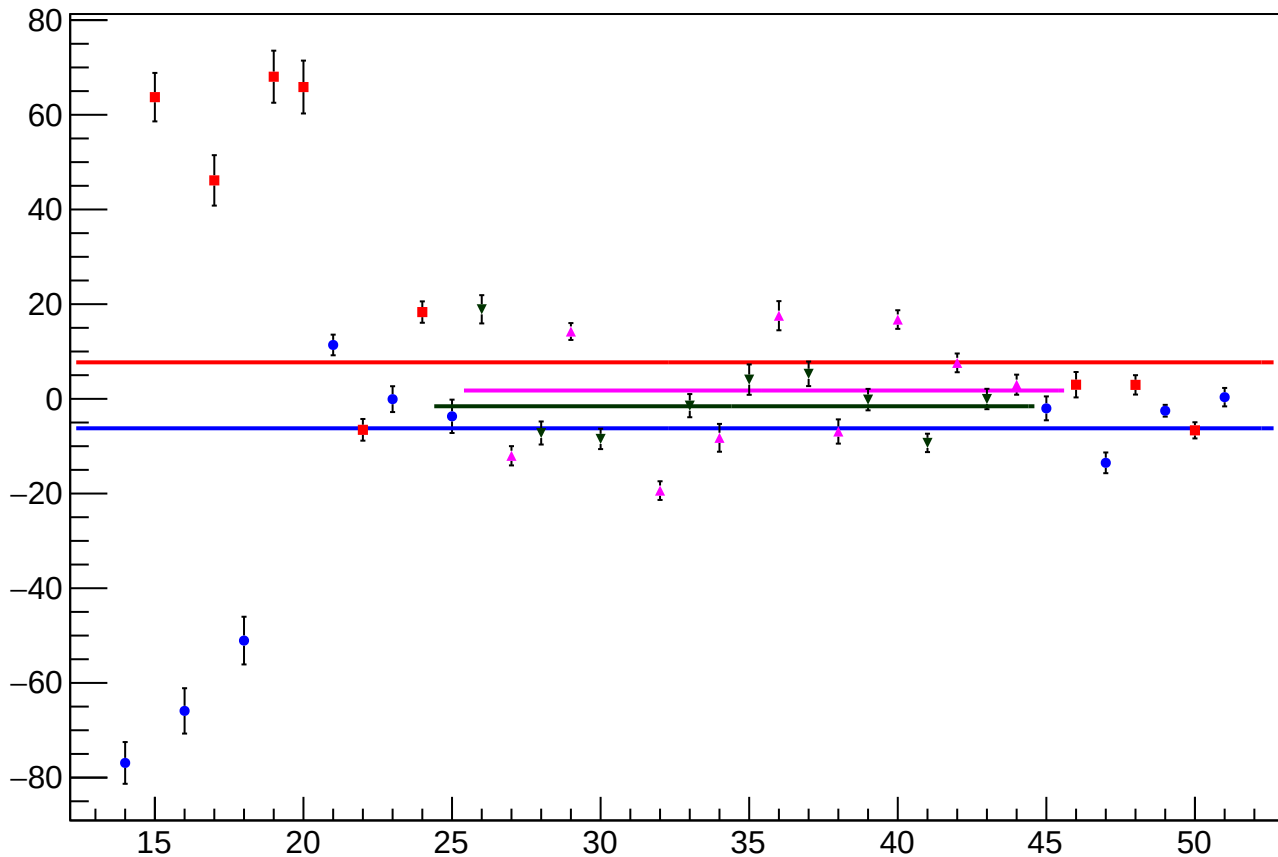
Left Out: -0.703 $\pm$ 0.165 χ^2 /NDF: 379.5/8

Right Out: 2.471 $\pm$ 0.188 χ^2 /NDF: 40.3/8

Left In: 2.289 $\pm$ 0.165 χ^2 /NDF: 75.1/8

0.256 $\pm$ 0.085 χ^2 /NDF: 1139.1/36

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -6.218 ± 0.738 χ^2/NDF : 596.5/9

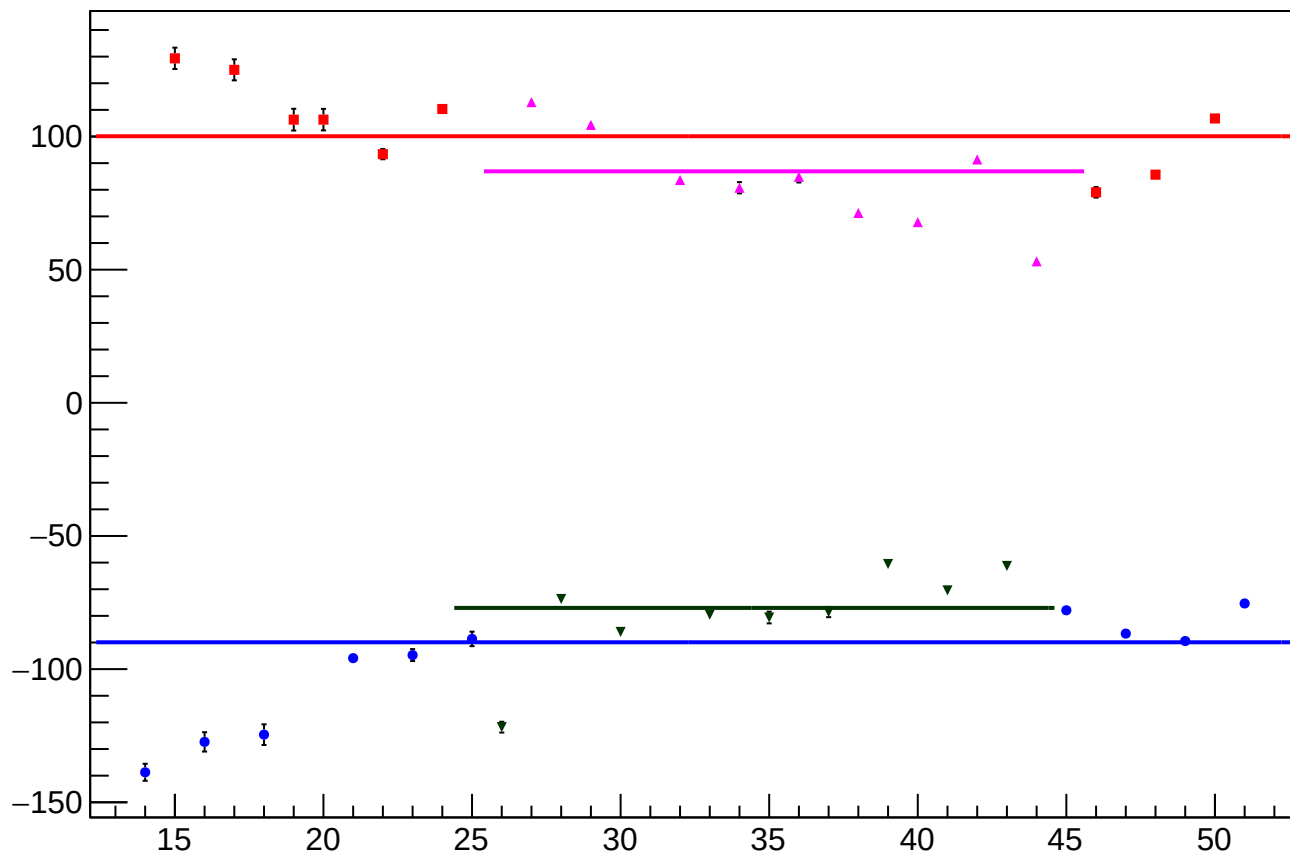
Left Out: -1.565 ± 0.794 χ^2/NDF : 89.6/8

Right Out: 7.713 ± 0.896 χ^2/NDF : 540.6/8

Left In: 1.762 ± 0.721 χ^2/NDF : 326.0/8

-0.138 ± 0.390 χ^2/NDF : 1707.5/36

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -89.916+/-0.579 χ^2/NDF : 593.9/9

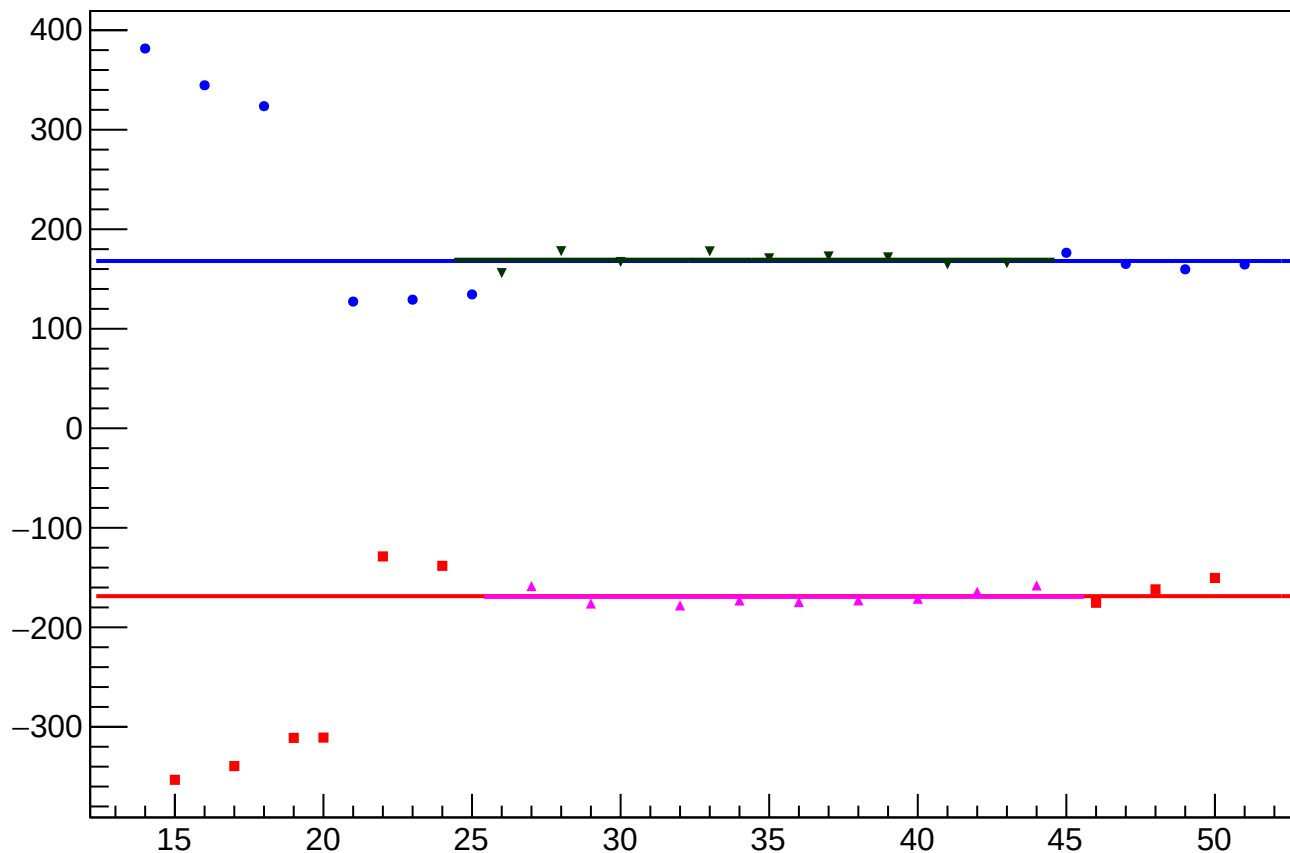
Left Out: -77.011+/-0.590 χ^2/NDF : 732.4/8

Right Out: 100.090+/-0.690 χ^2/NDF : 360.8/8

Left In: 86.926+/-0.524 χ^2/NDF : 1272.9/8

3.164+/-0.294 χ^2/NDF : 92512.9/36

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 168.098+/-0.136 χ^2/NDF : 146636.4/9

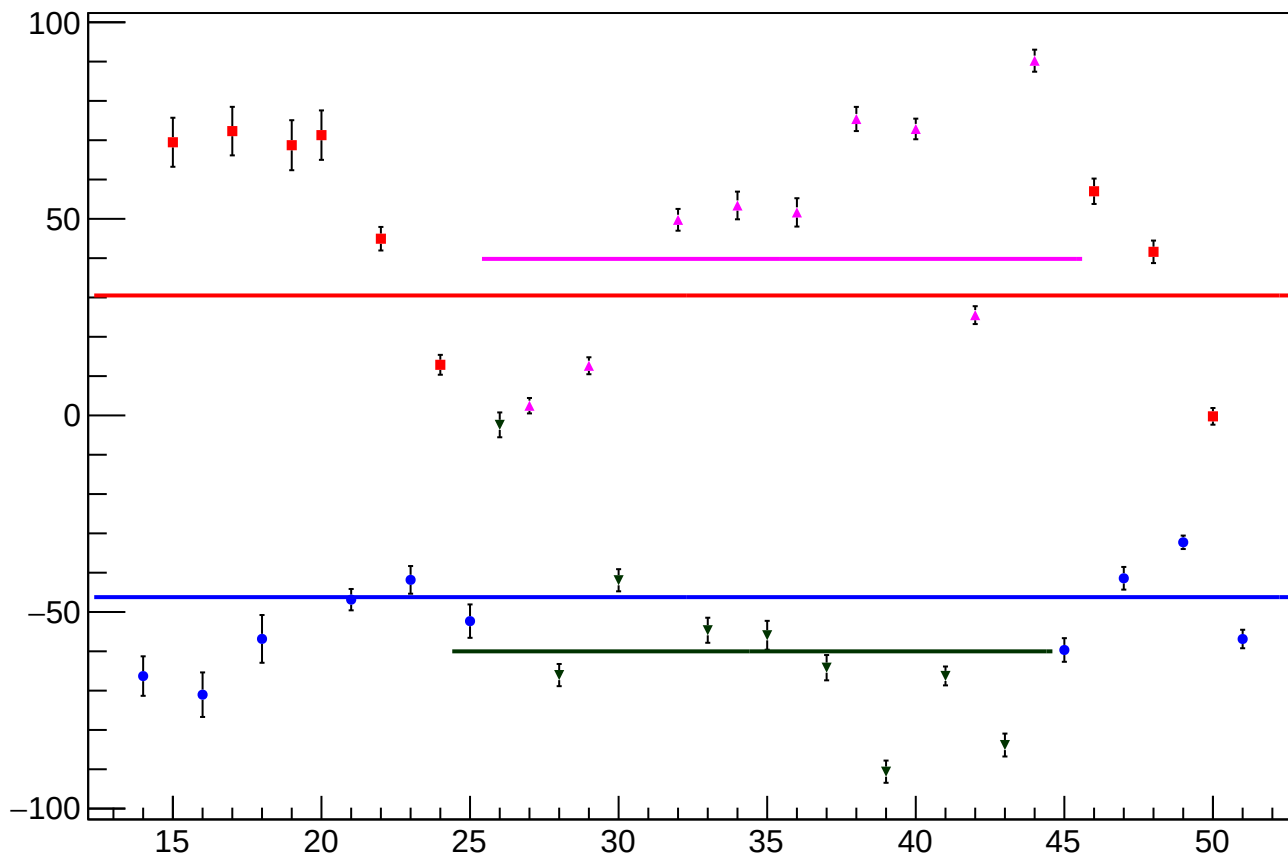
Left Out: 169.432+/-0.133 χ^2/NDF : 2111.0/8

Right Out: -168.667+/-0.162 χ^2/NDF : 115549.1/8

Left In: -169.441+/-0.124 χ^2/NDF : 3580.2/8

6.345+/-0.068 χ^2/NDF : 6366826.5/36

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -46.218 ± 0.944 χ^2/NDF : 151.6/9

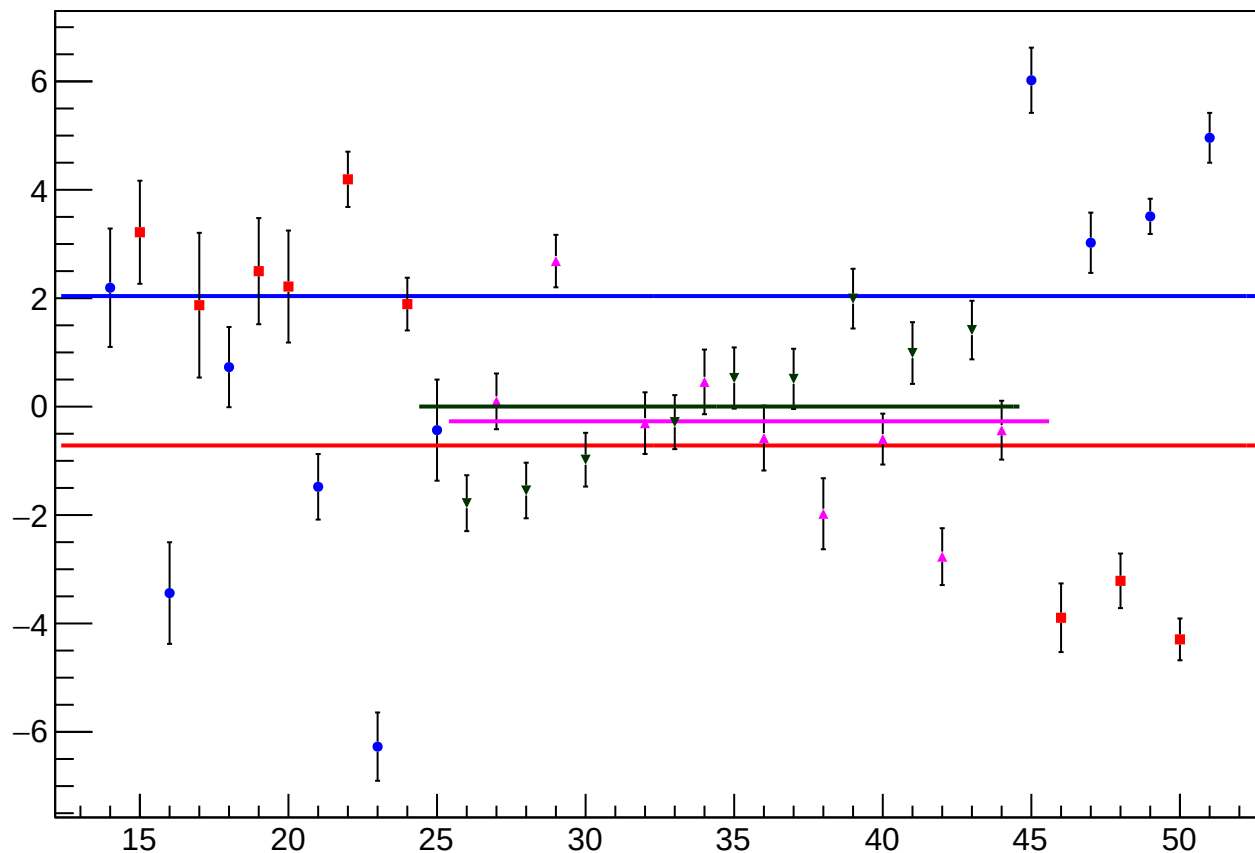
Left Out: -60.008 ± 0.982 χ^2/NDF : 574.8/8

Right Out: 30.511 ± 1.111 χ^2/NDF : 527.2/8

Left In: 39.813 ± 0.866 χ^2/NDF : 1214.8/8

-8.444 ± 0.482 χ^2/NDF : 11164.8/36

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 2.040 ± 0.181 χ^2/NDF : 359.9/9

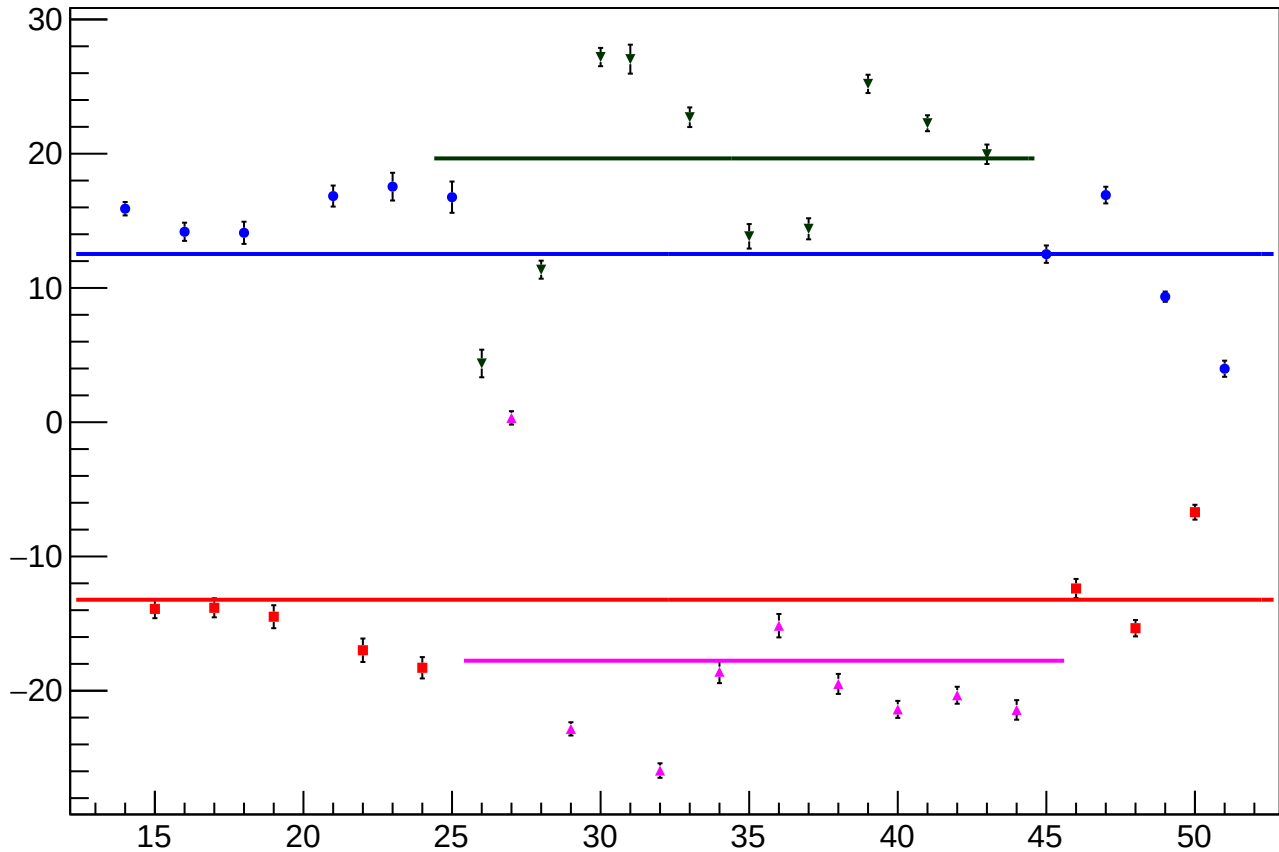
Left Out: 0.002 ± 0.177 χ^2/NDF : 49.9/8

Right Out: -0.717 ± 0.200 χ^2/NDF : 296.9/8

Left In: -0.270 ± 0.181 χ^2/NDF : 69.6/8

0.305 ± 0.092 χ^2/NDF : 906.8/36

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.531+/-0.198 χ^2/NDF : 443.8/9

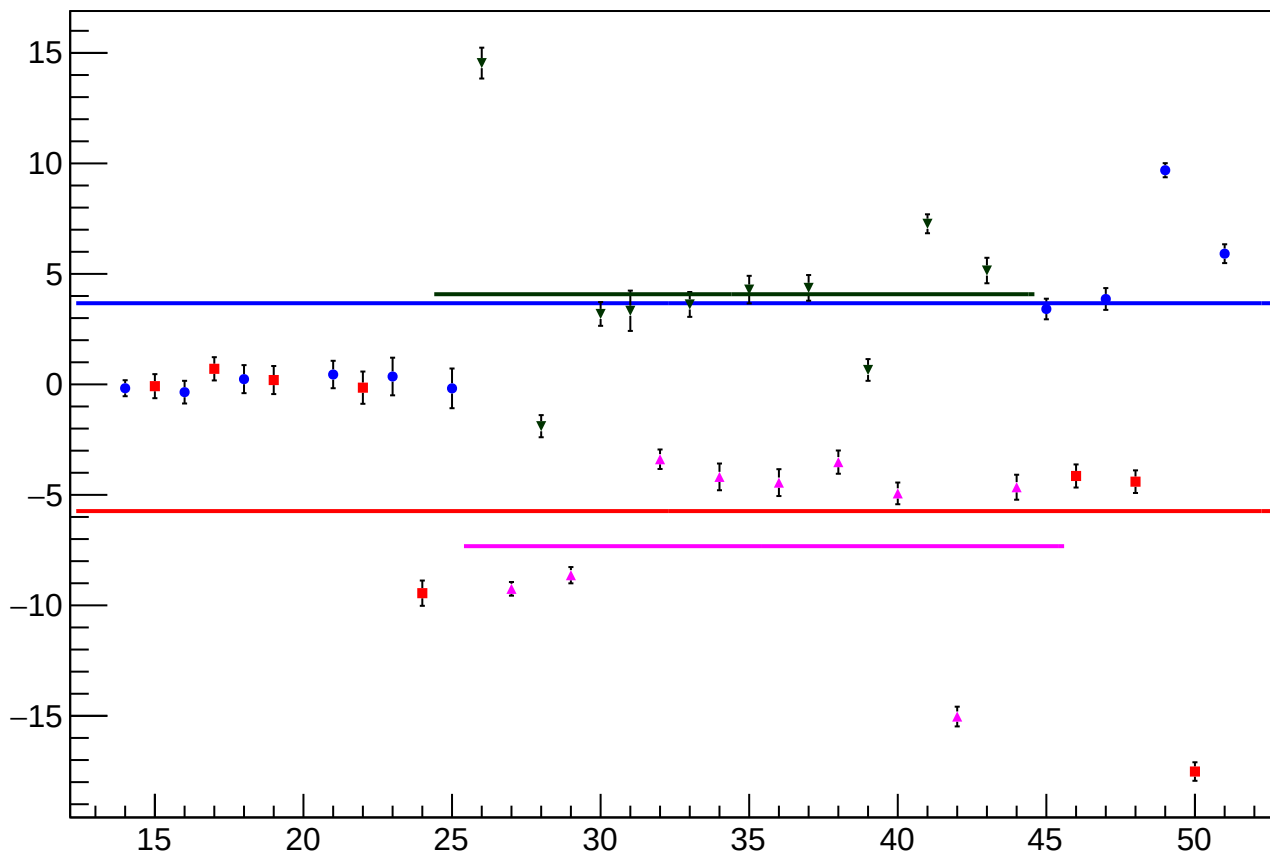
Left Out: 19.649+/-0.237 χ^2/NDF : 731.4/9

Right Out: -13.223+/-0.248 χ^2/NDF : 215.5/7

Left In: -17.765+/-0.209 χ^2/NDF : 1728.2/8

0.583+/-0.110 χ^2/NDF : 24032.2/36

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.673 $\pm$ 0.152 χ^2 /NDF: 647.5/9

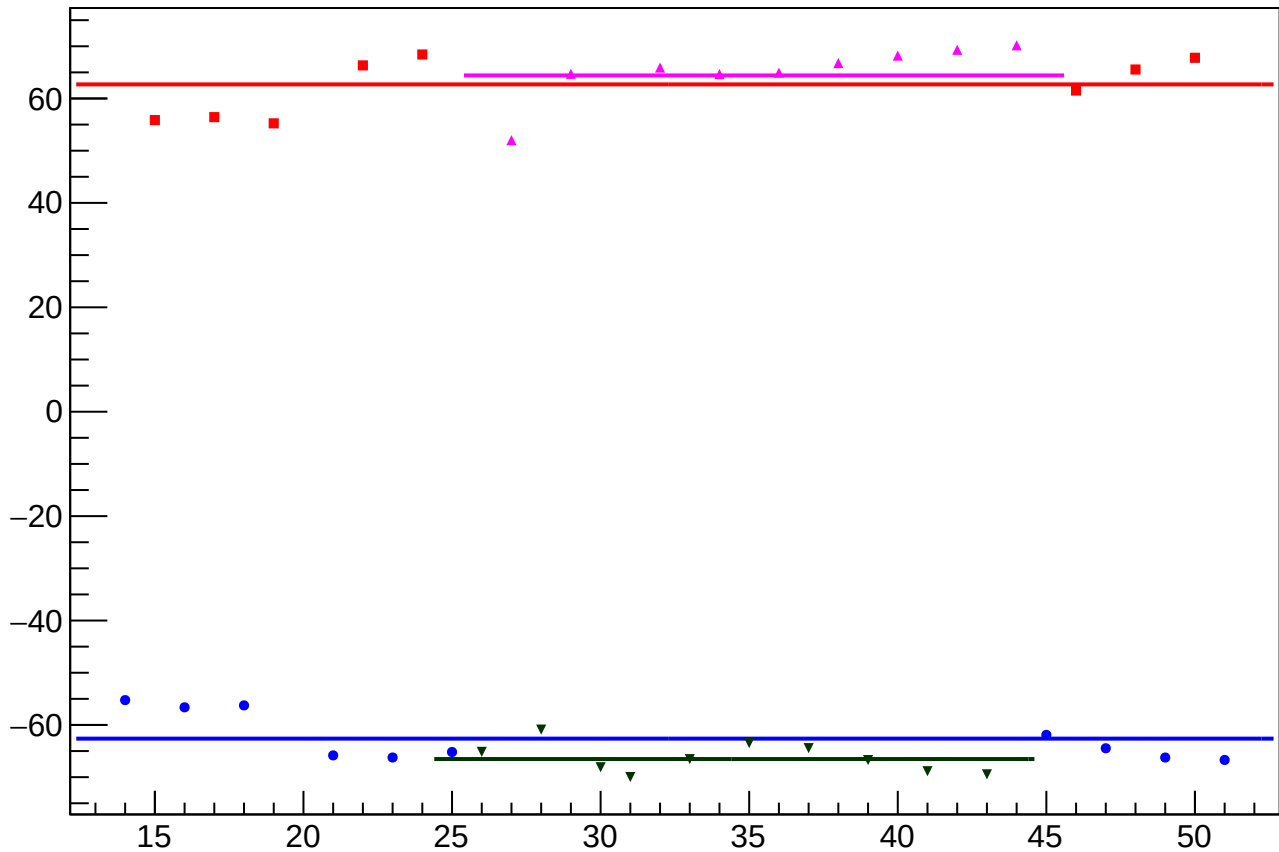
Left Out: 4.080 $\pm$ 0.177 χ^2 /NDF: 478.1/9

-1.318 $\pm$ 0.082 χ^2 /NDF: 7096.9/36

Right Out: -5.734 $\pm$ 0.190 χ^2 /NDF: 1251.7/7

Left In: -7.322 $\pm$ 0.150 χ^2 /NDF: 577.1/8

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -62.621 ± 0.037 $\chi^2/\text{NDF}: 14512.4/9$

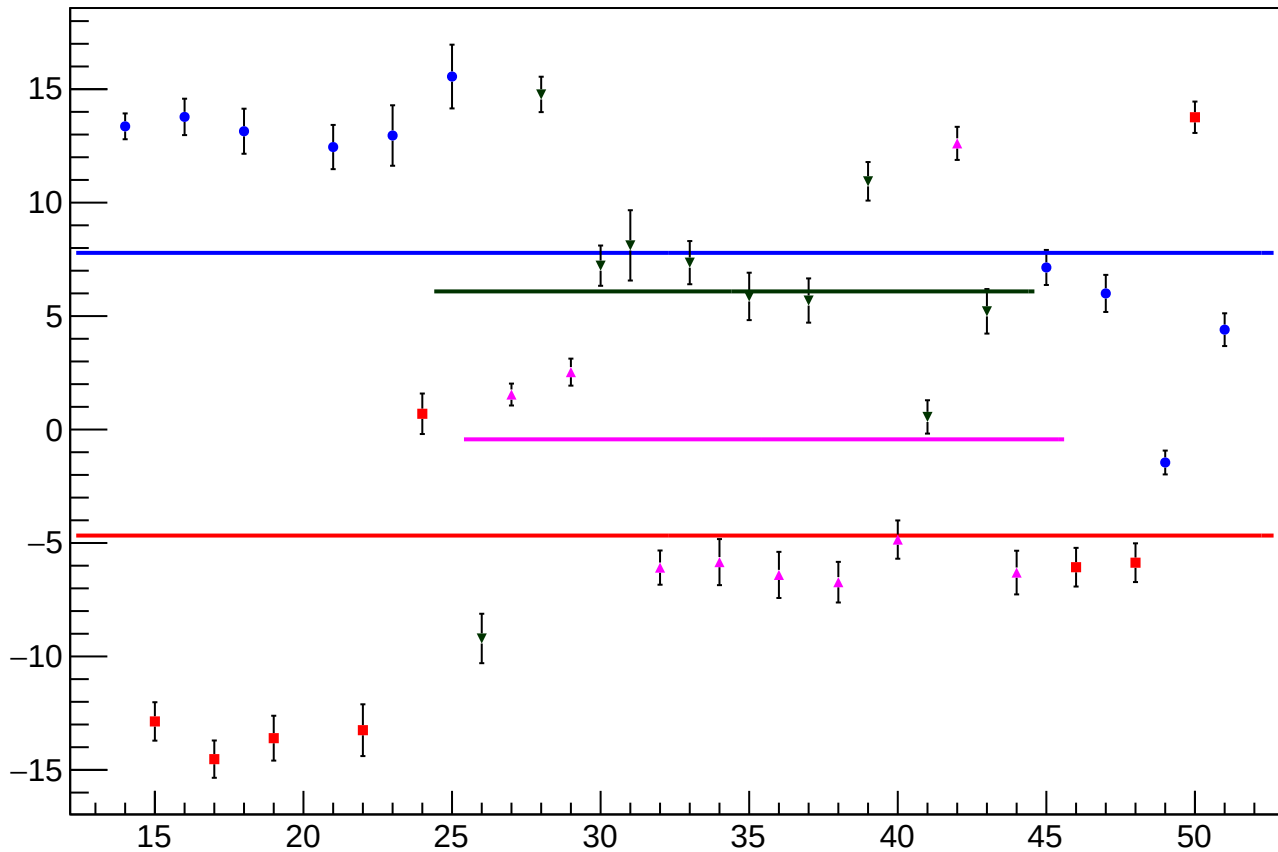
Left Out: -66.529 ± 0.039 $\chi^2/\text{NDF}: 4841.9/9$

Right Out: 62.699 ± 0.045 $\chi^2/\text{NDF}: 11725.4/7$

Left In: 64.419 ± 0.036 $\chi^2/\text{NDF}: 25021.8/8$

-3.681 ± 0.019 $\chi^2/\text{NDF}: 10917011.8/36$

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.786 ± 0.246 χ^2/NDF : 586.2/9

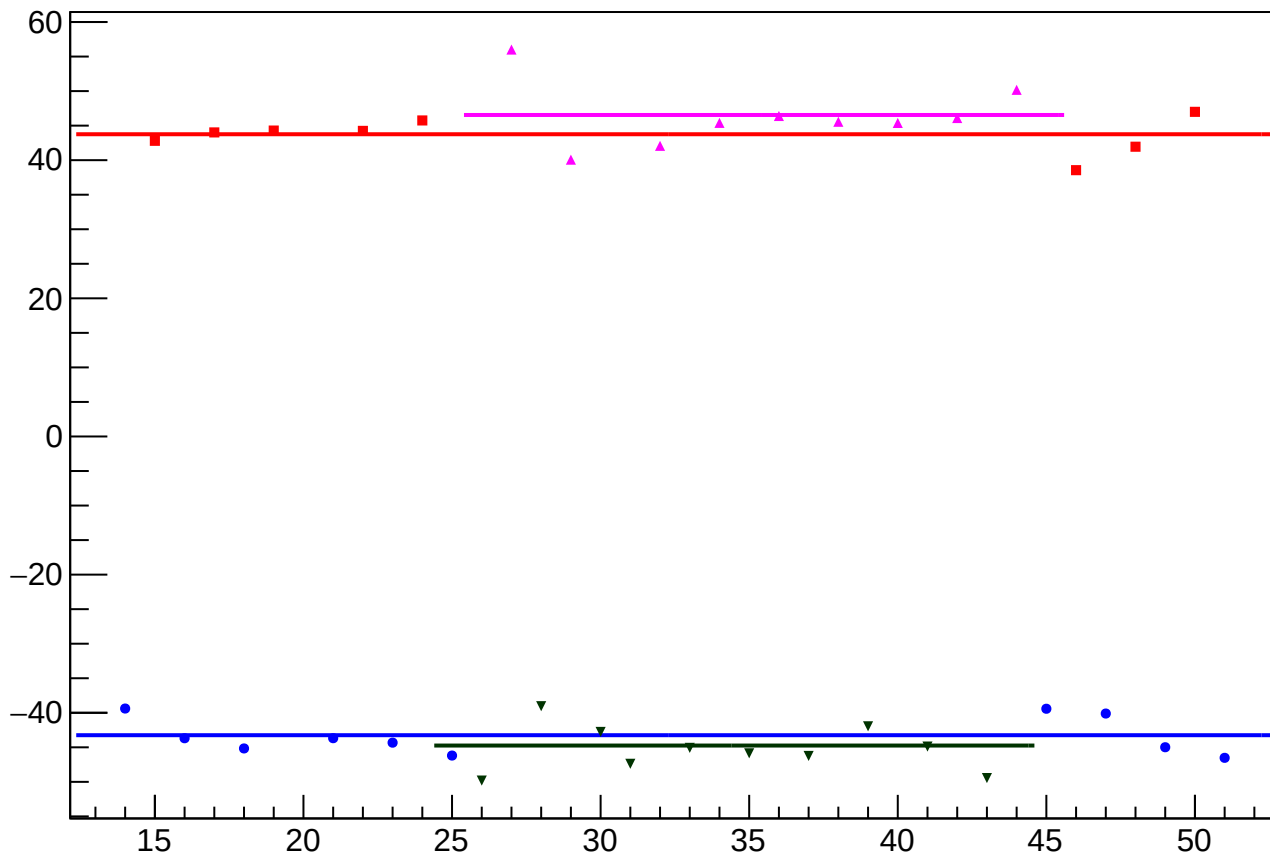
Left Out: 6.087 ± 0.295 χ^2/NDF : 416.6/9

2.558 ± 0.135 χ^2/NDF : 4028.3/36

Right Out: -4.672 ± 0.305 χ^2/NDF : 1126.9/7

Left In: -0.432 ± 0.247 χ^2/NDF : 594.6/8

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.245 ± 0.046 χ^2/NDF : 3163.6/9

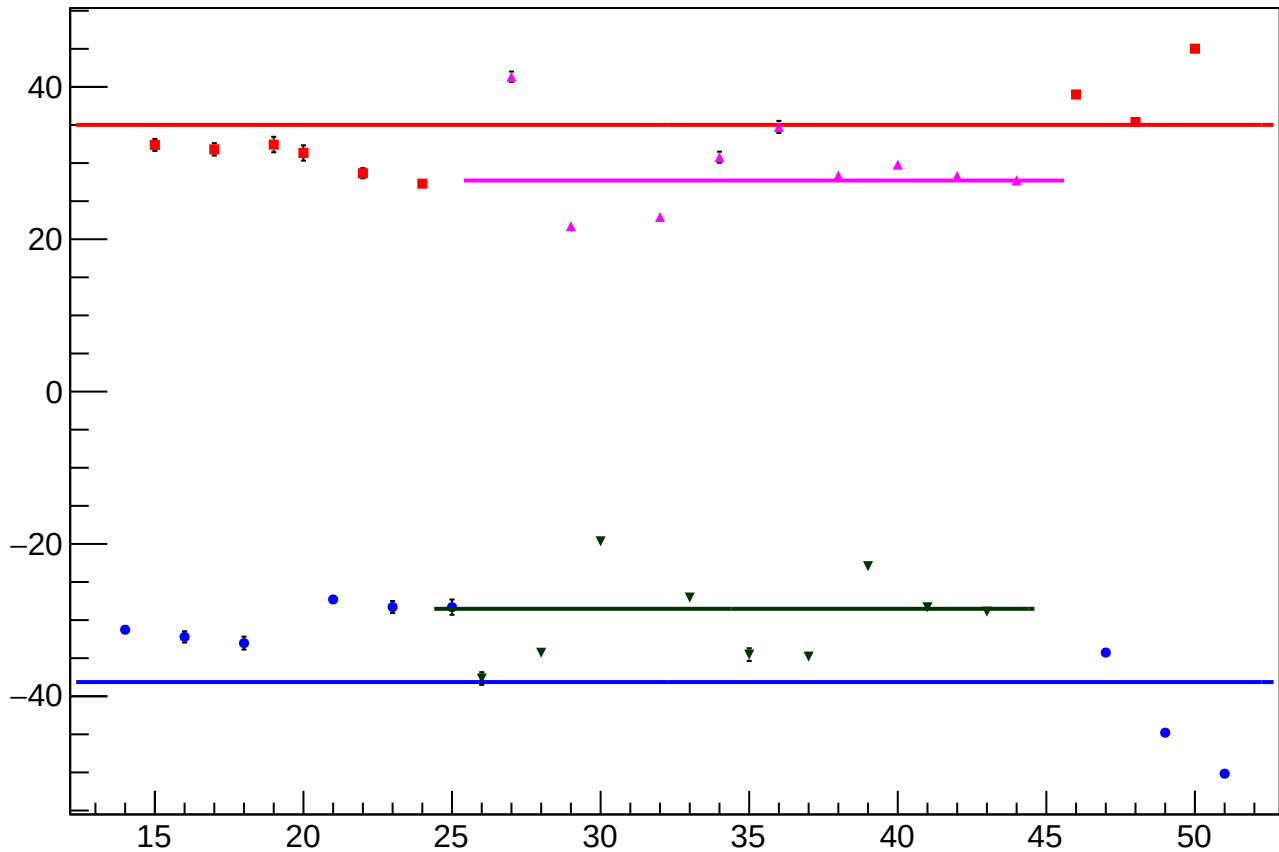
Left Out: -44.743 ± 0.053 χ^2/NDF : 3703.9/9

Right Out: 43.754 ± 0.054 χ^2/NDF : 1991.2/7

Left In: 46.543 ± 0.052 χ^2/NDF : 9214.0/8

-2.612 ± 0.026 χ^2/NDF : 3008568.6/36

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.134 ± 0.192 $\chi^2/\text{NDF}: 1729.4/8$

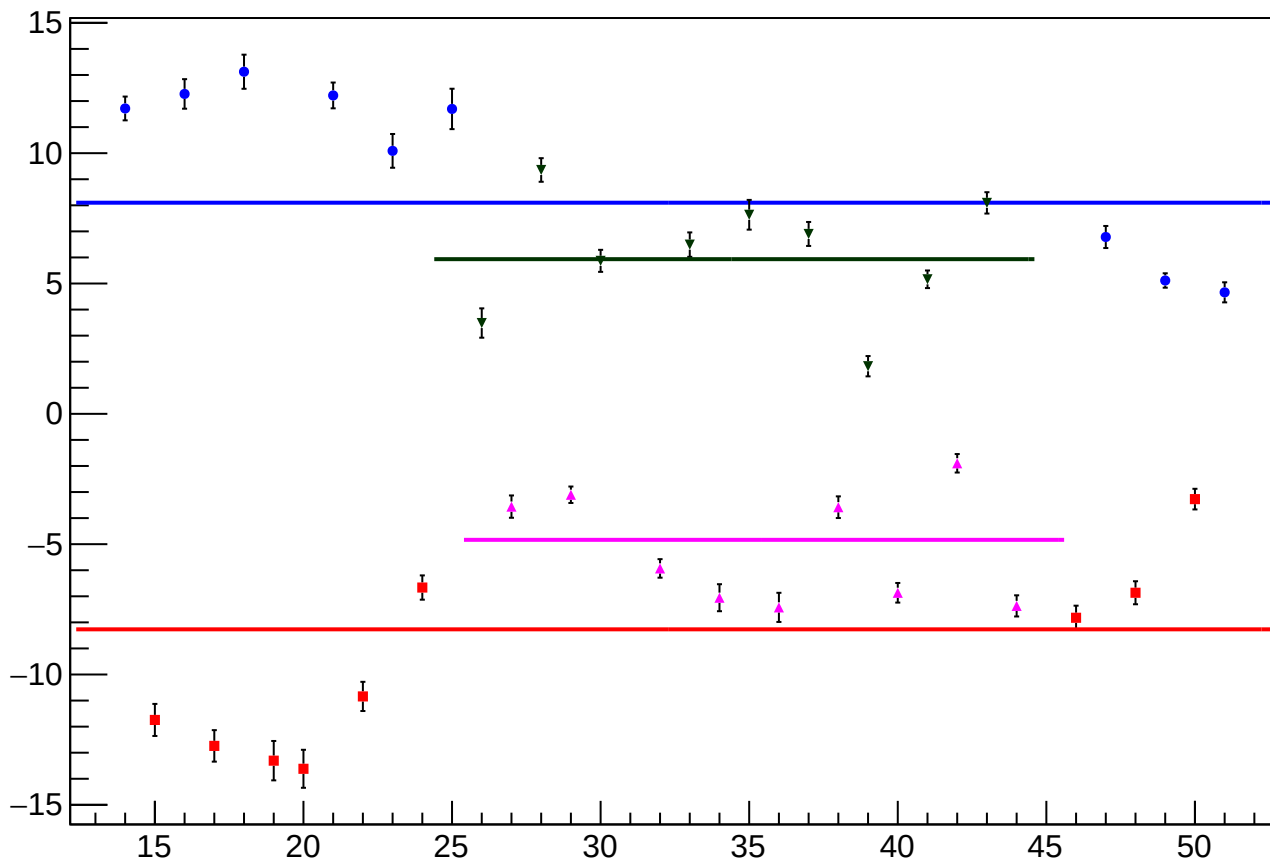
Left Out: -28.516 ± 0.195 $\chi^2/\text{NDF}: 758.8/8$

Right Out: 35.021 ± 0.227 $\chi^2/\text{NDF}: 685.4/8$

Left In: 27.712 ± 0.179 $\chi^2/\text{NDF}: 841.0/8$

-2.209 ± 0.098 $\chi^2/\text{NDF}: 112161.8/35$

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 8.100 $\pm$ 0.151 χ^2 /NDF: 482.2/8

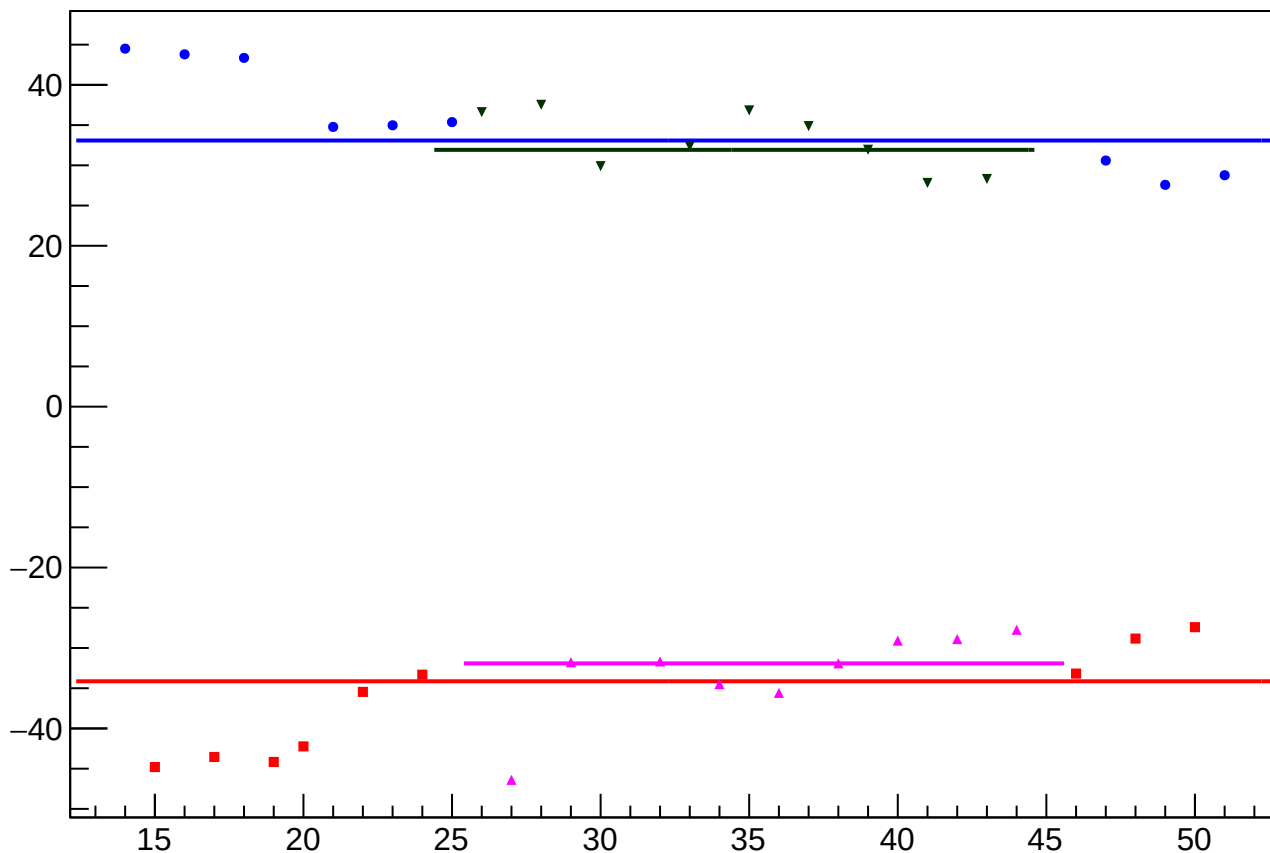
Left Out: 5.934 $\pm$ 0.145 χ^2 /NDF: 234.9/8

Right Out: -8.267 $\pm$ 0.174 χ^2 /NDF: 388.3/8

Left In: -4.834 $\pm$ 0.132 χ^2 /NDF: 234.0/8

0.477 $\pm$ 0.074 χ^2 /NDF: 9429.4/35

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 33.086 ± 0.036 $\chi^2/\text{NDF}: 28048.1/8$

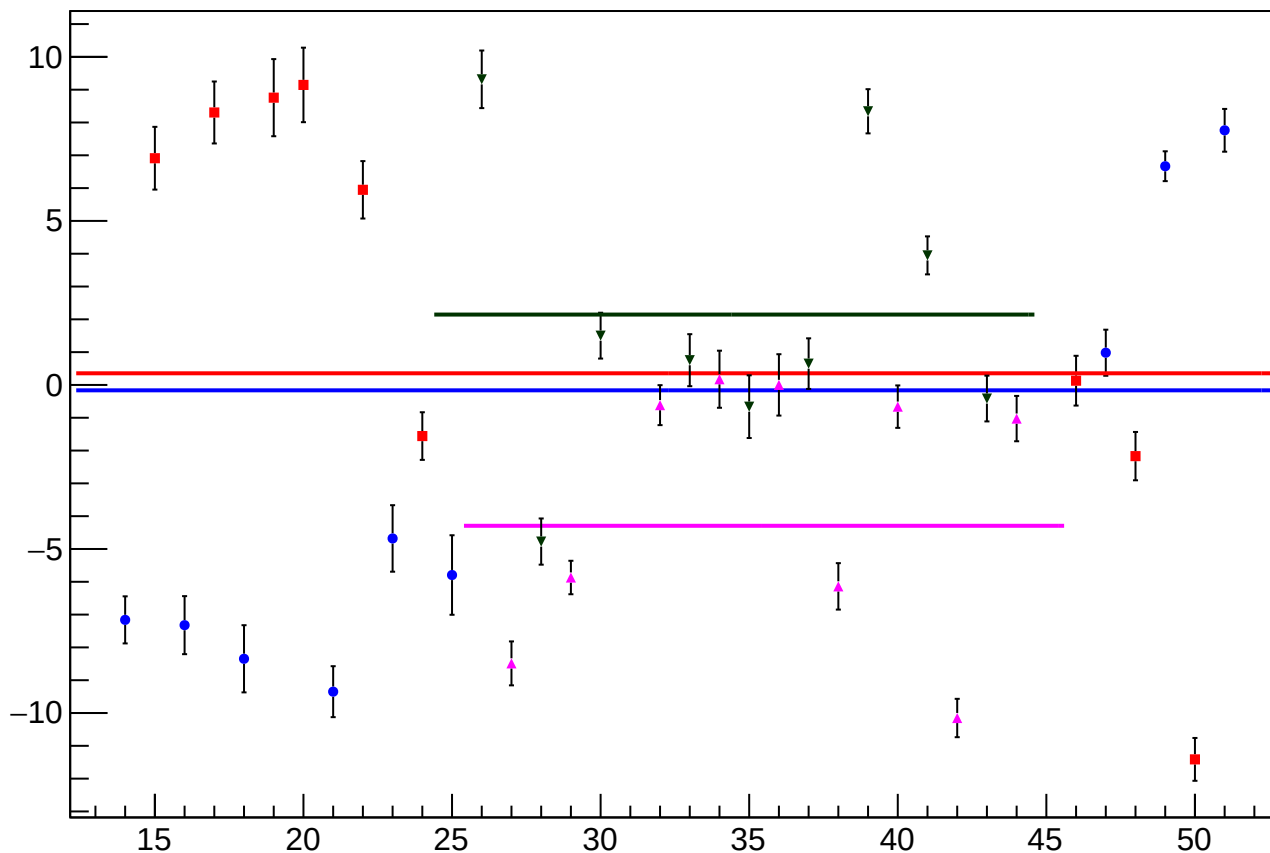
Left Out: 31.923 ± 0.033 $\chi^2/\text{NDF}: 10913.1/8$

Right Out: -34.137 ± 0.041 $\chi^2/\text{NDF}: 20603.6/8$

Left In: -31.913 ± 0.031 $\chi^2/\text{NDF}: 20132.9/8$

0.323 ± 0.017 $\chi^2/\text{NDF}: 3663204.2/35$

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -0.164 ± 0.245 χ^2/NDF : 781.7/8

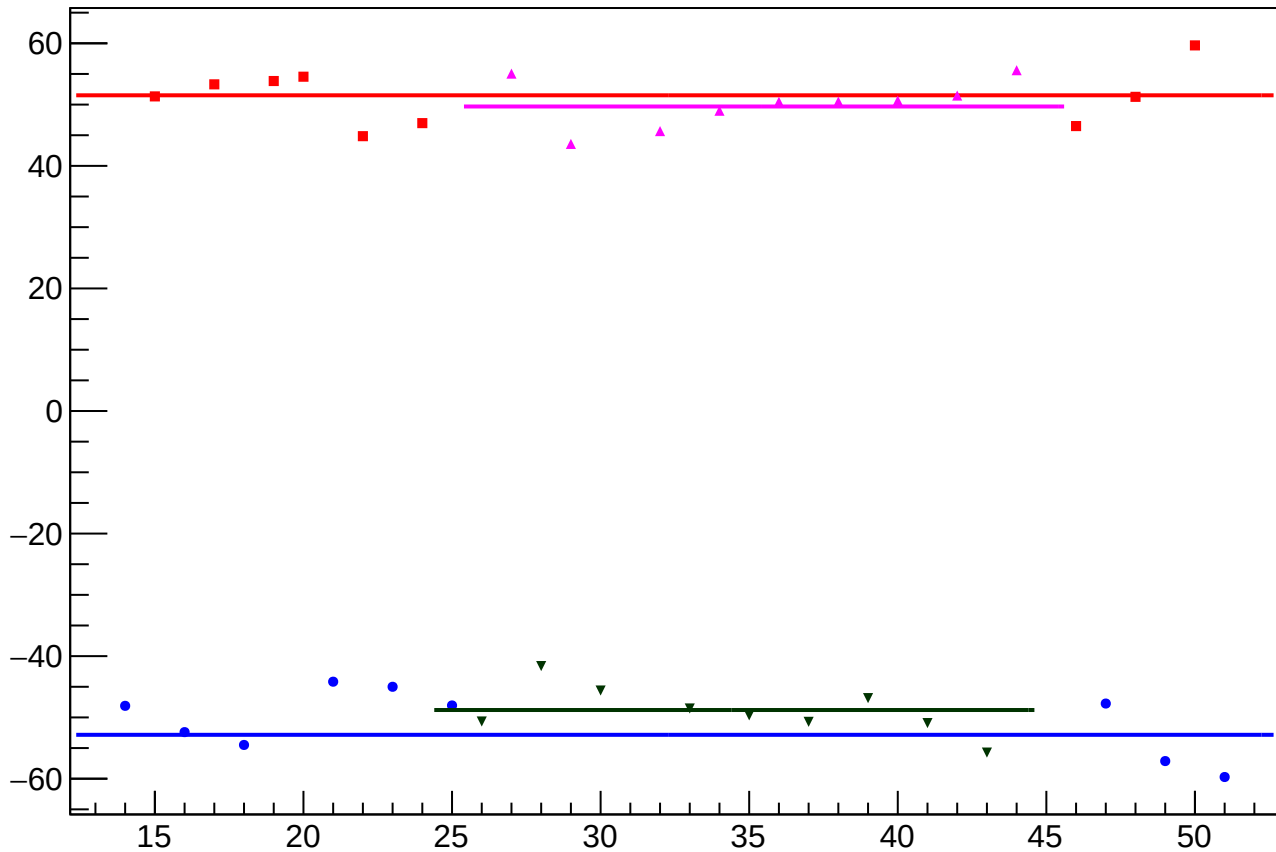
Left Out: 2.145 ± 0.243 χ^2/NDF : 287.5/8

Right Out: 0.355 ± 0.279 χ^2/NDF : 613.3/8

Left In: -4.293 ± 0.220 χ^2/NDF : 293.8/8

-0.750 ± 0.122 χ^2/NDF : 2399.0/35

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -52.838 ± 0.046 χ^2/NDF : 12535.9/8

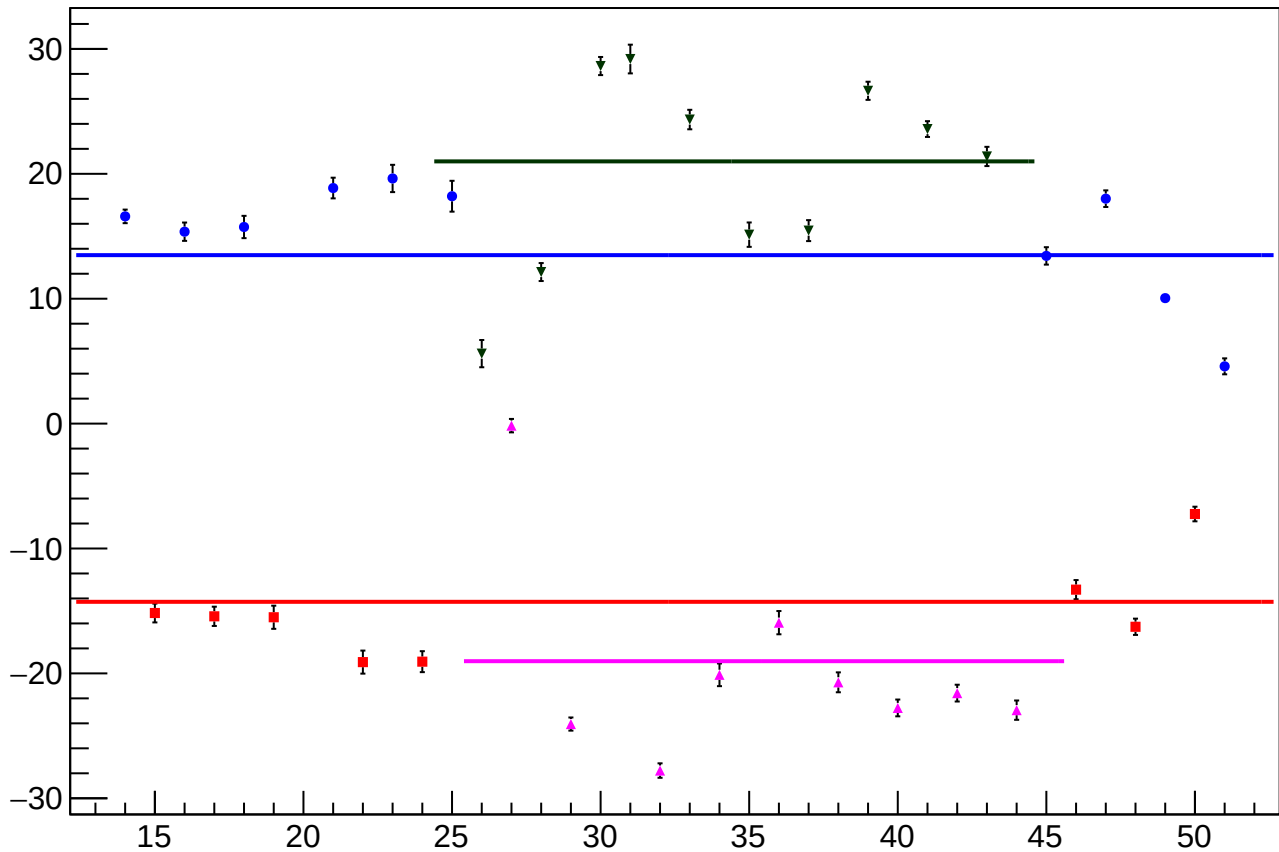
Left Out: -48.791 ± 0.044 χ^2/NDF : 7464.7/8

Right Out: 51.516 ± 0.050 χ^2/NDF : 9457.8/8

Left In: 49.690 ± 0.045 χ^2/NDF : 7145.5/8

-2.623 ± 0.023 χ^2/NDF : 4838840.5/35

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.489+/-0.211 χ^2 /NDF: 446.9/9

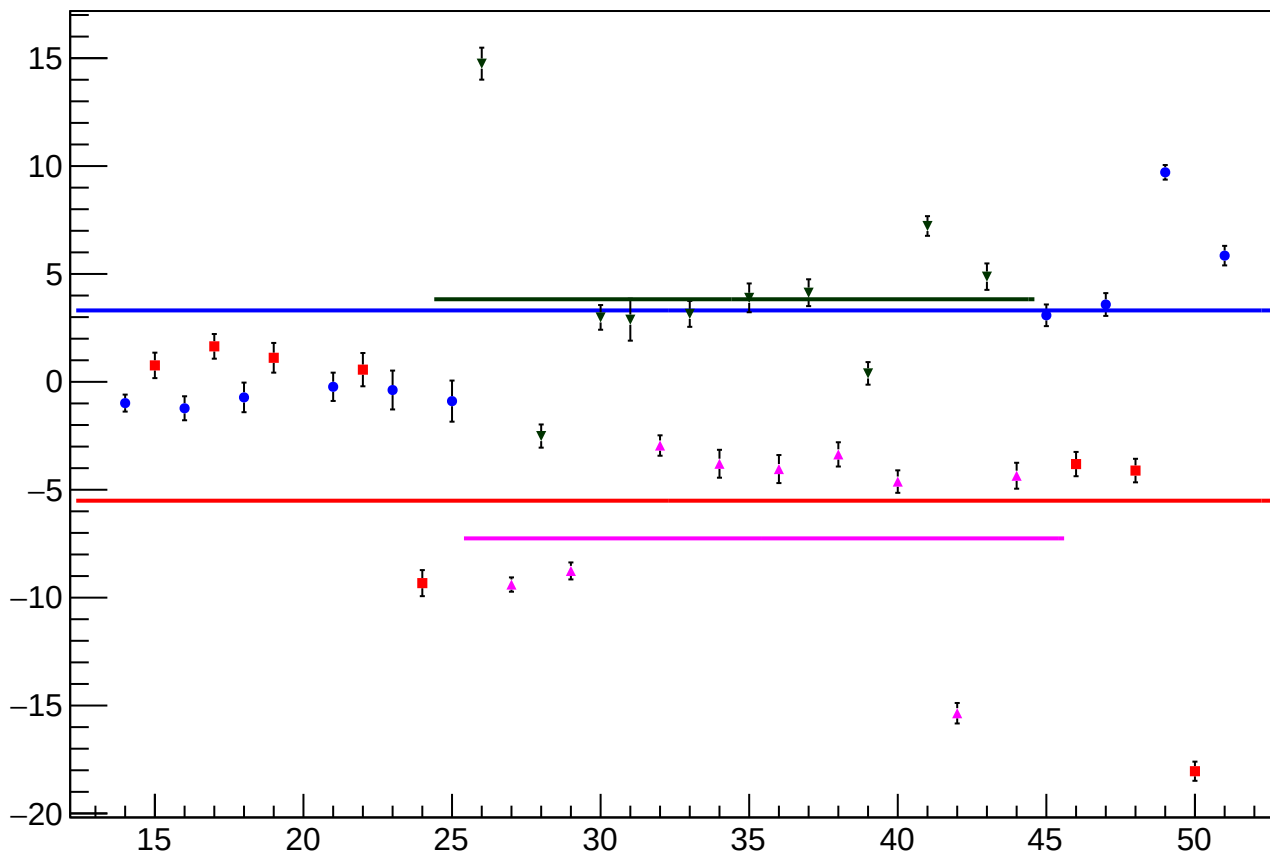
Left Out: 20.996+/-0.253 χ^2 /NDF:688.0/9

Right Out: -14.269+/-0.266 χ^2 /NDF: 220.7/7

Left In: -19.023+/-0.223 χ^2 /NDF:1636.4/8

0.629+/-0.118 χ^2 /NDF: 24070.2/36

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 3.310 ± 0.163 χ^2/NDF : 674.9/9

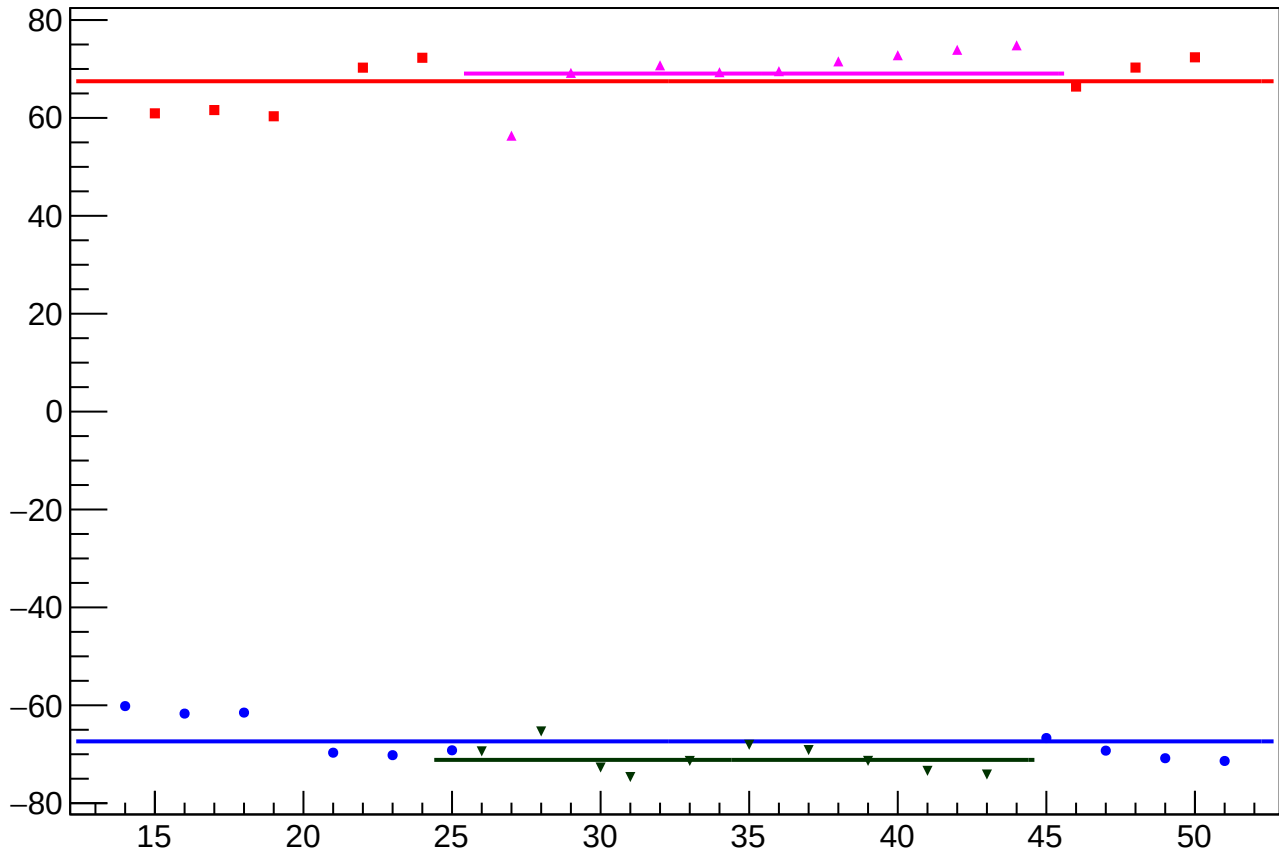
Left Out: 3.828 ± 0.189 χ^2/NDF : 462.3/9

-1.415 ± 0.088 χ^2/NDF : 6335.5/36

Right Out: -5.507 ± 0.204 χ^2/NDF : 1277.4/7

Left In: -7.254 ± 0.160 χ^2/NDF : 580.6/8

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -67.372 ± 0.039 $\chi^2/\text{NDF}: 11239.8/9$

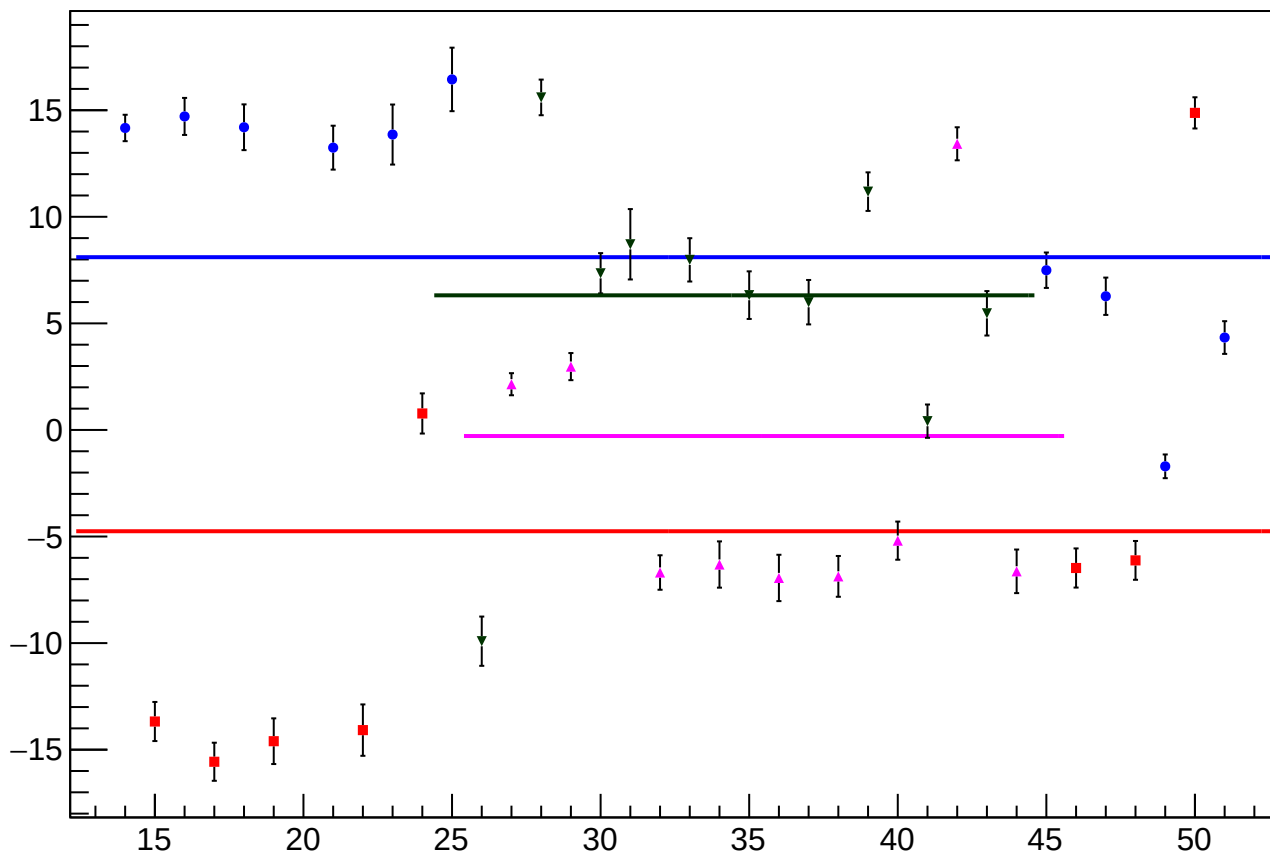
Left Out: -71.152 ± 0.042 $\chi^2/\text{NDF}: 4395.4/9$

Right Out: 67.493 ± 0.048 $\chi^2/\text{NDF}: 8863.3/7$

Left In: 69.062 ± 0.039 $\chi^2/\text{NDF}: 22617.7/8$

-3.975 ± 0.021 $\chi^2/\text{NDF}: 11002493.1/36$

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 8.105 ± 0.264 χ^2/NDF : 598.5/9

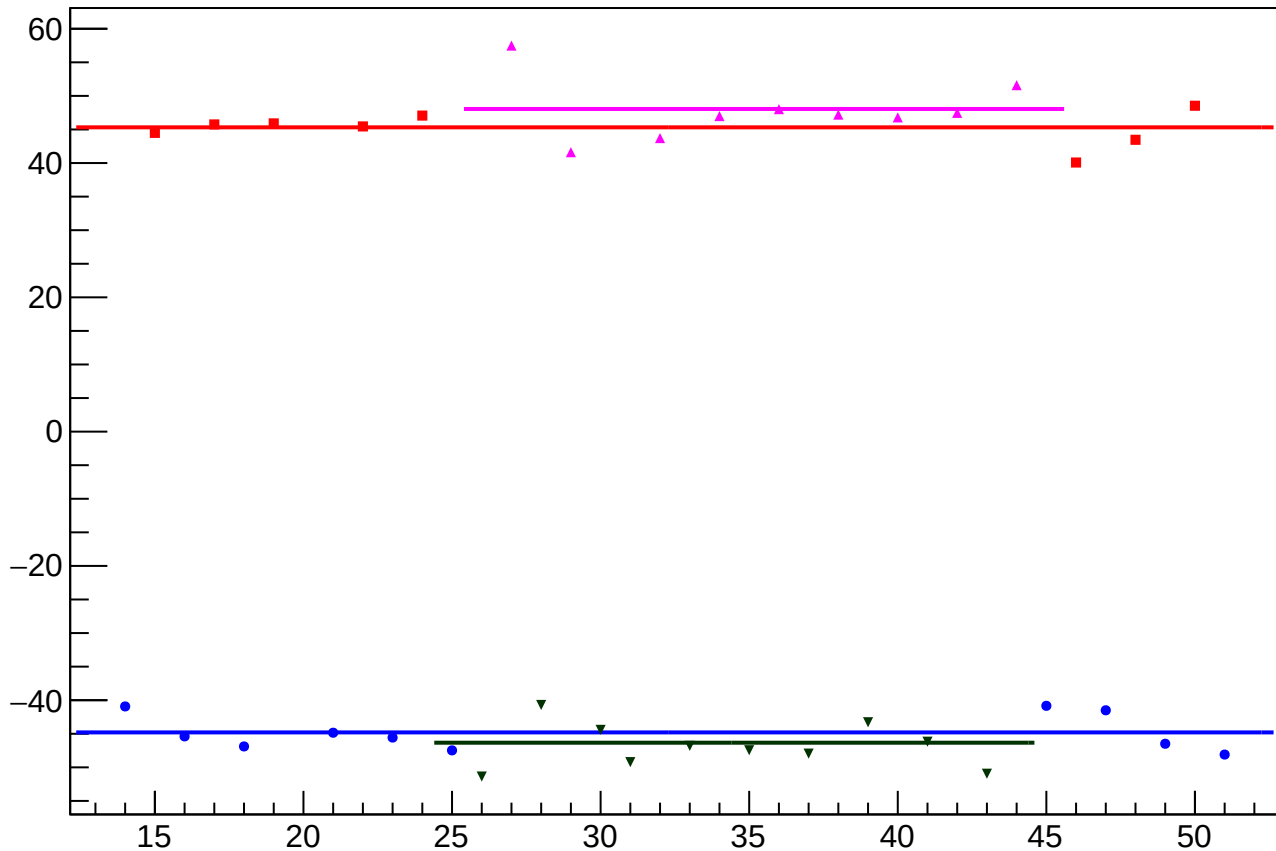
Left Out: 6.315 ± 0.314 χ^2/NDF : 413.3/9

Right Out: -4.752 ± 0.326 χ^2/NDF : 1144.7/7

Left In: -0.285 ± 0.264 χ^2/NDF : 608.0/8

2.731 ± 0.144 χ^2/NDF : 3966.3/36

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.795 ± 0.050 χ^2/NDF : 2821.6/9

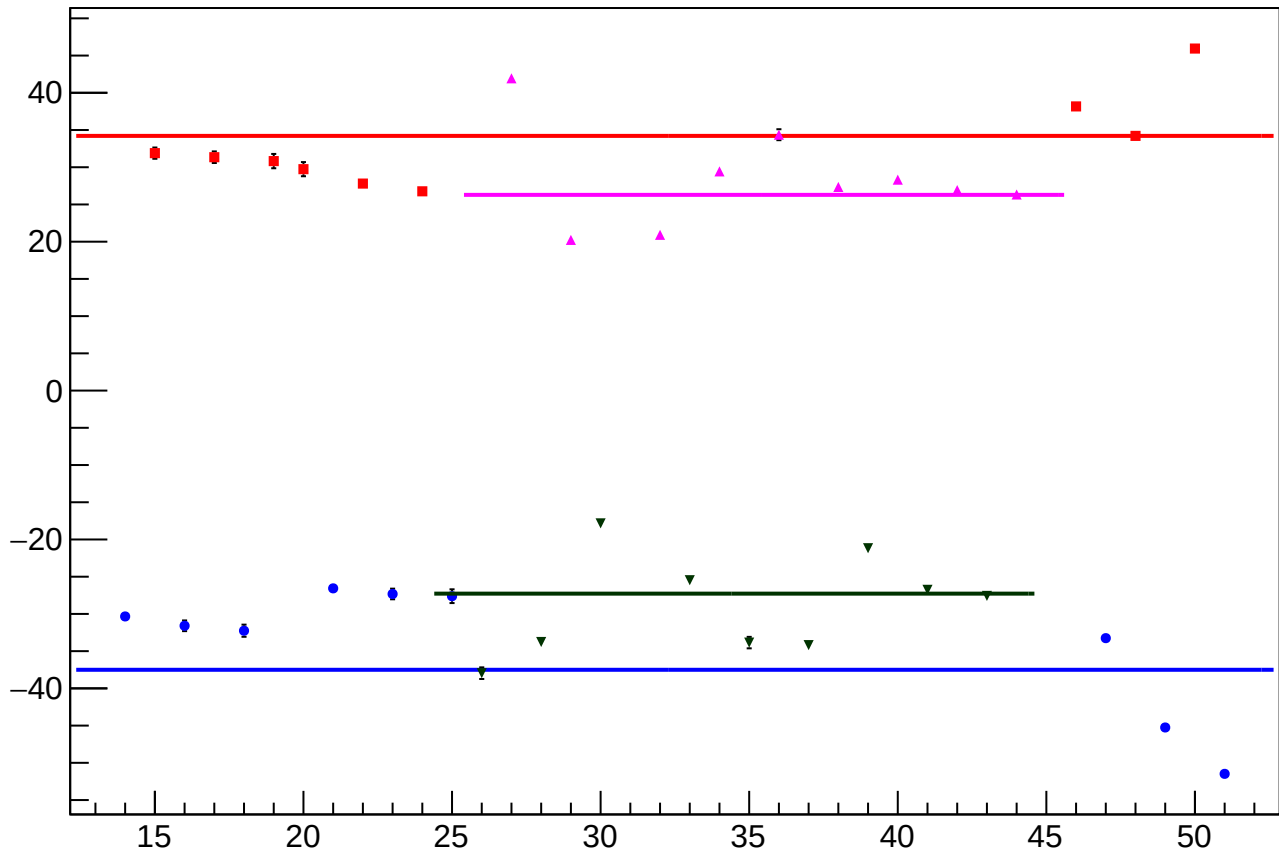
Left Out: -46.329 ± 0.057 χ^2/NDF : 3263.4/9

Right Out: 45.320 ± 0.058 χ^2/NDF : 1713.0/7

Left In: 48.054 ± 0.056 χ^2/NDF : 7913.0/8

-2.754 ± 0.027 χ^2/NDF : 2816698.8/36

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -37.503 ± 0.184 $\chi^2/\text{NDF}: 2279.9/8$

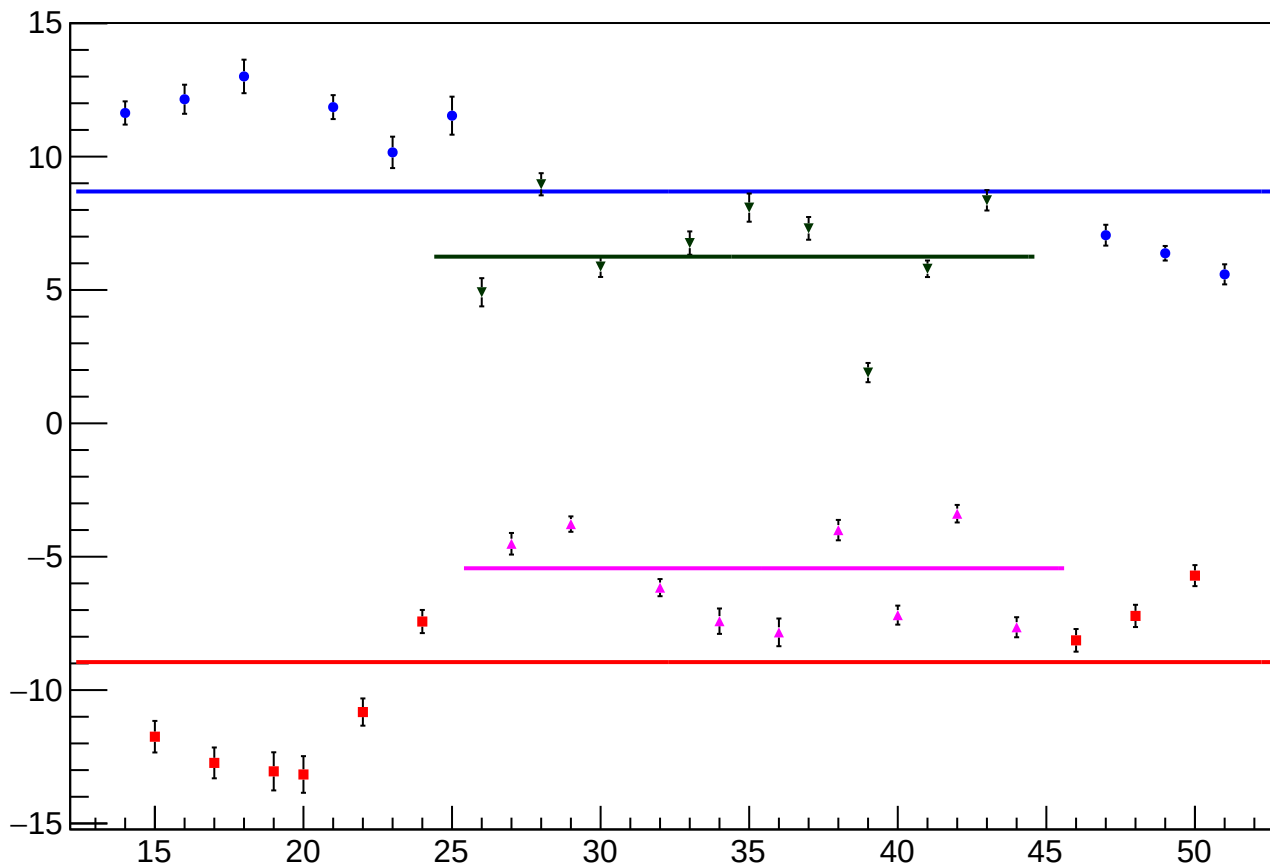
Left Out: -27.275 ± 0.181 $\chi^2/\text{NDF}: 1073.3/8$

Right Out: 34.211 ± 0.214 $\chi^2/\text{NDF}: 875.2/8$

Left In: 26.289 ± 0.165 $\chi^2/\text{NDF}: 1194.5/8$

-1.974 ± 0.092 $\chi^2/\text{NDF}: 120206.5/35$

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 8.693 ± 0.144 $\chi^2/\text{NDF}: 362.0/8$

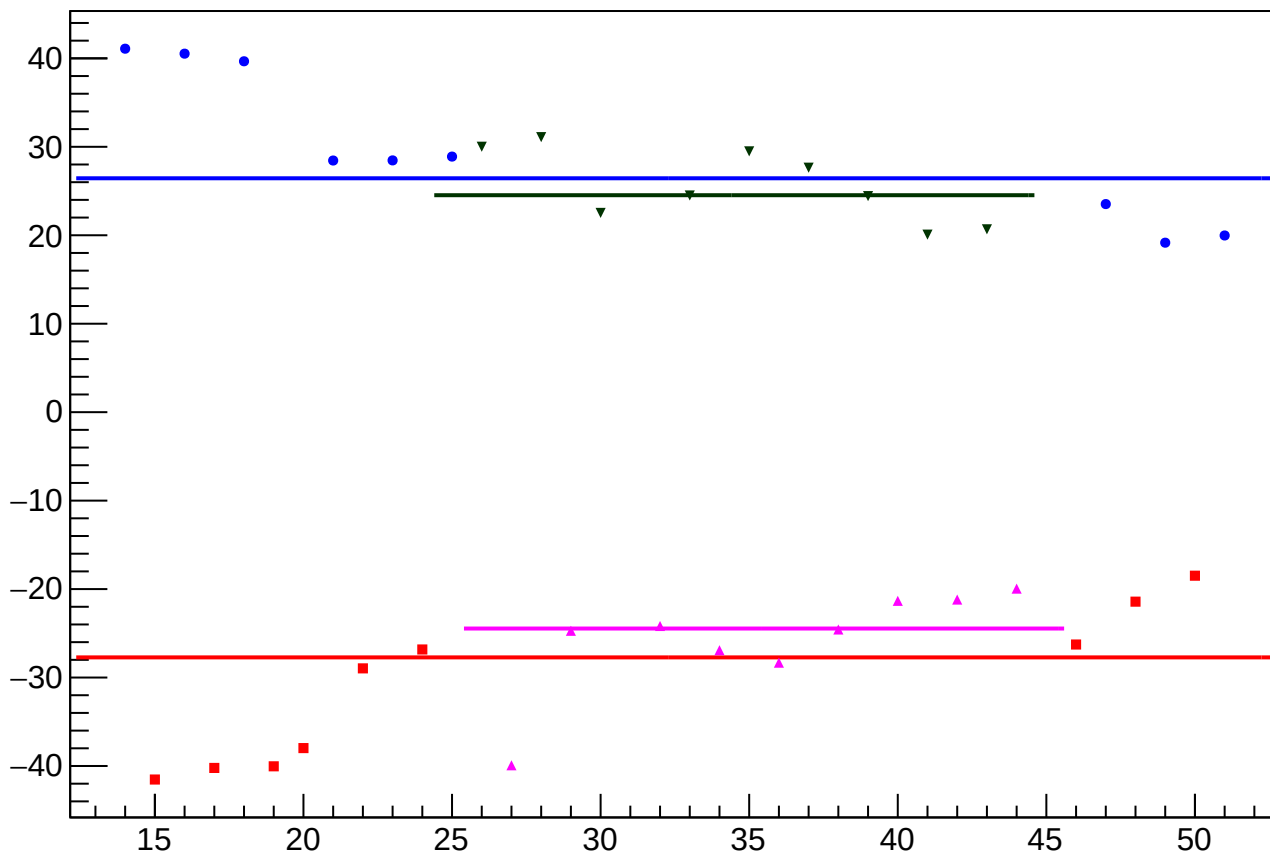
Left Out: 6.249 ± 0.135 $\chi^2/\text{NDF}: 247.2/8$

Right Out: -8.951 ± 0.165 $\chi^2/\text{NDF}: 249.9/8$

Left In: -5.433 ± 0.122 $\chi^2/\text{NDF}: 193.5/8$

0.330 ± 0.070 $\chi^2/\text{NDF}: 11732.1/35$

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 26.442 $\pm$ 0.034 χ^2 /NDF: 51538.7/8

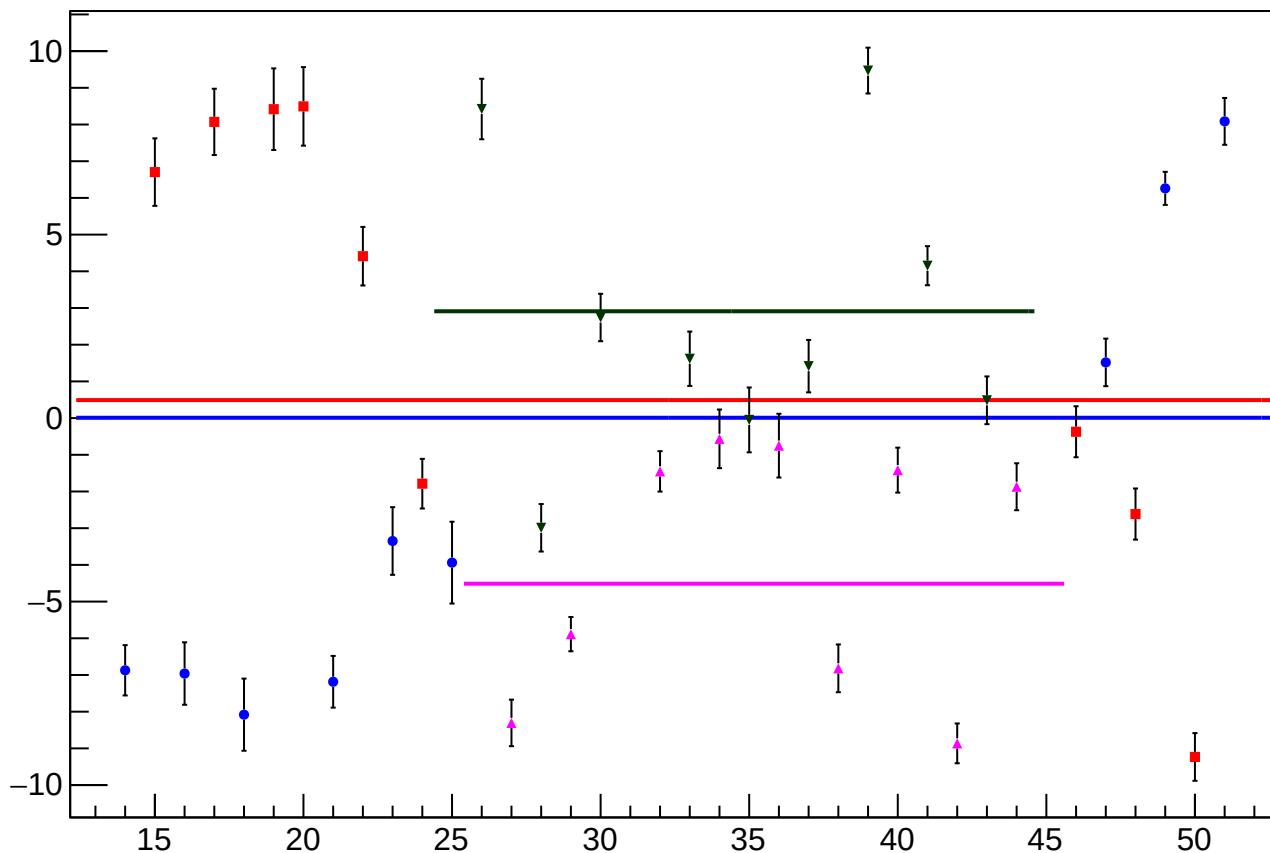
Left Out: 24.528 $\pm$ 0.030 χ^2 /NDF:15447.7/8

Right Out: -27.722 $\pm$ 0.039 χ^2 /NDF: 37084.9/8

Left In: -24.460 $\pm$ 0.028 χ^2 /NDF:26092.2/8

0.028 $\pm$ 0.016 χ^2 /NDF: 2651847.9/35

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 0.009 ± 0.234 χ^2/NDF : 724.2/8

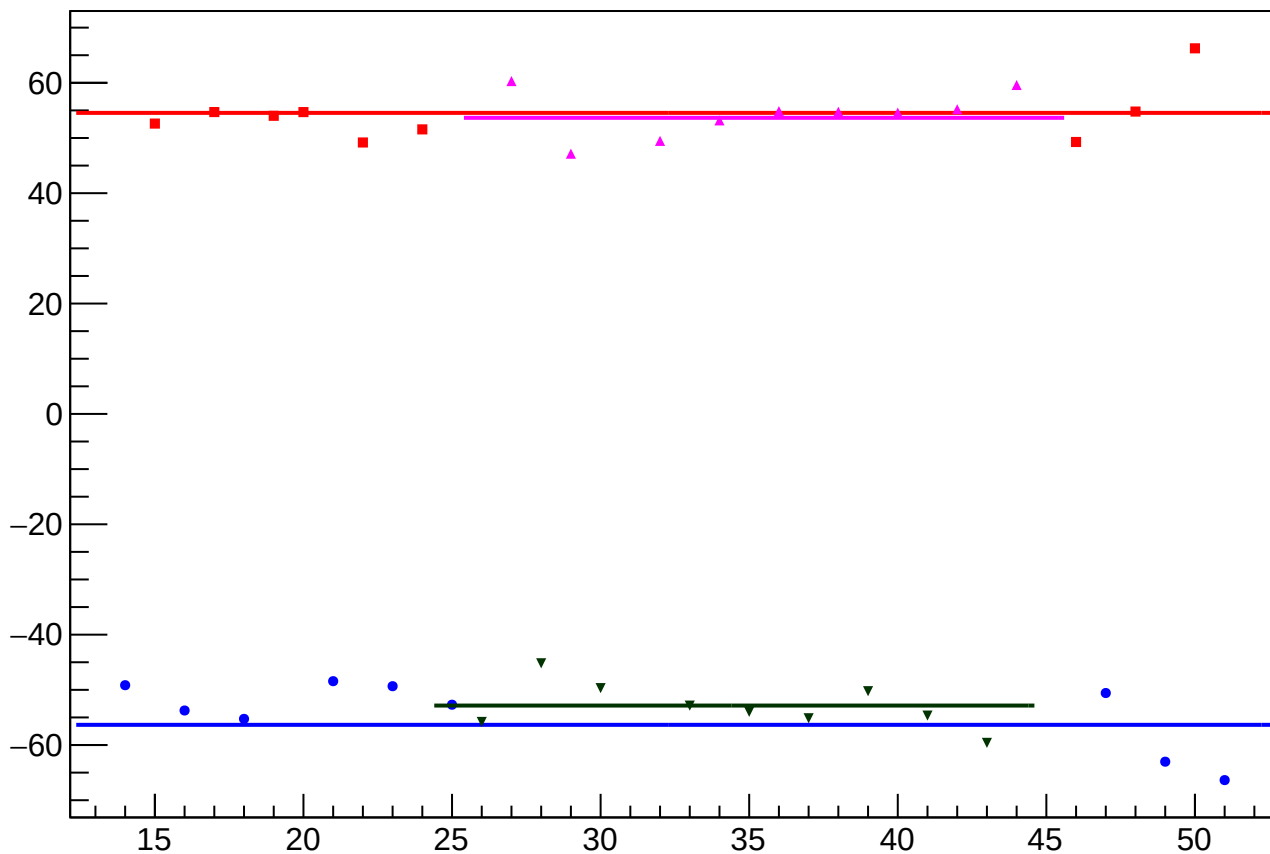
Left Out: 2.911 ± 0.225 χ^2/NDF : 276.3/8

Right Out: 0.491 ± 0.264 χ^2/NDF : 503.5/8

Left In: -4.513 ± 0.204 χ^2/NDF : 238.0/8

-0.576 ± 0.114 χ^2/NDF : 2379.0/35

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -56.340 ± 0.044 χ^2/NDF : 21796.9/8

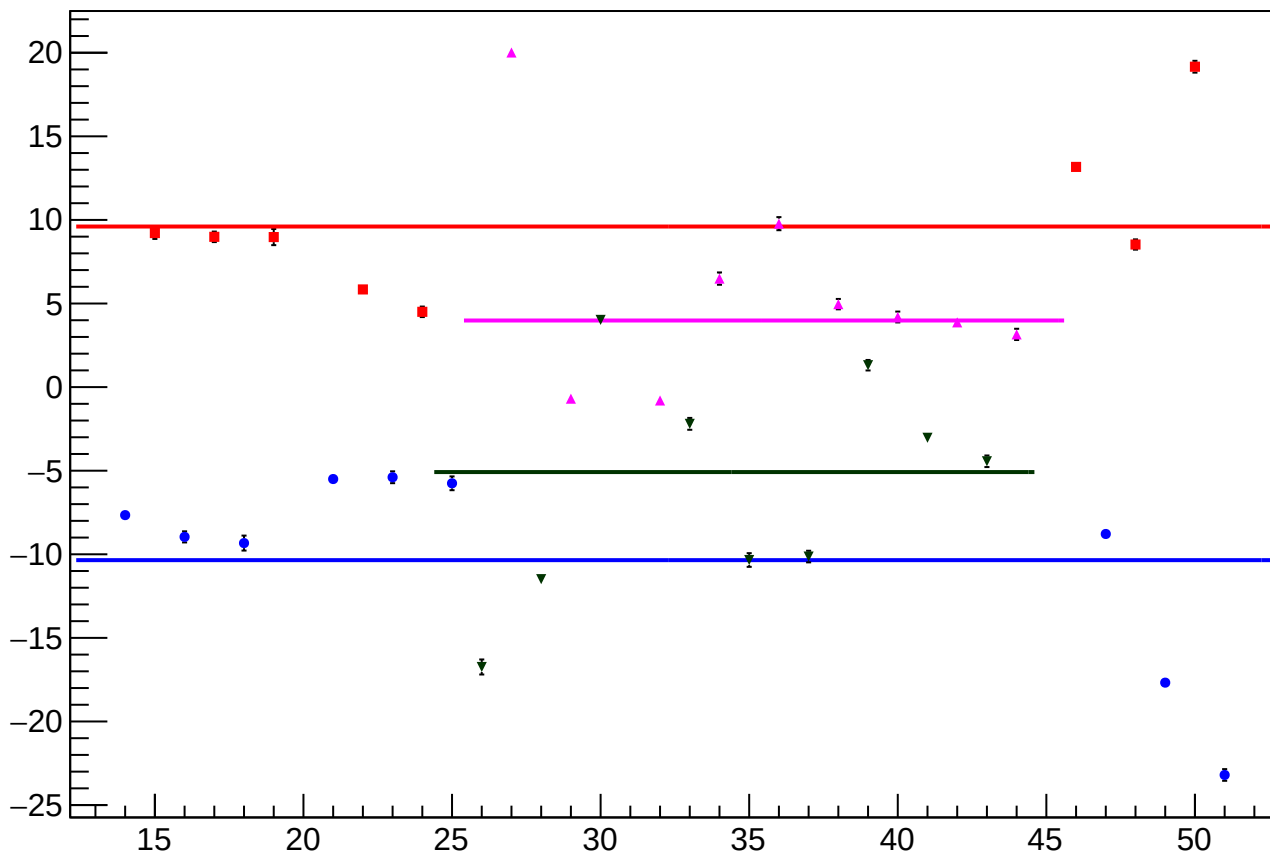
Left Out: -52.846 ± 0.041 χ^2/NDF : 9528.4/8

Right Out: 54.550 ± 0.047 χ^2/NDF : 13671.8/8

Left In: 53.657 ± 0.042 χ^2/NDF : 9586.0/8

-2.517 ± 0.022 χ^2/NDF : 6309359.7/35

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -10.350+/-0.097 χ^2/NDF : 3301.7/8

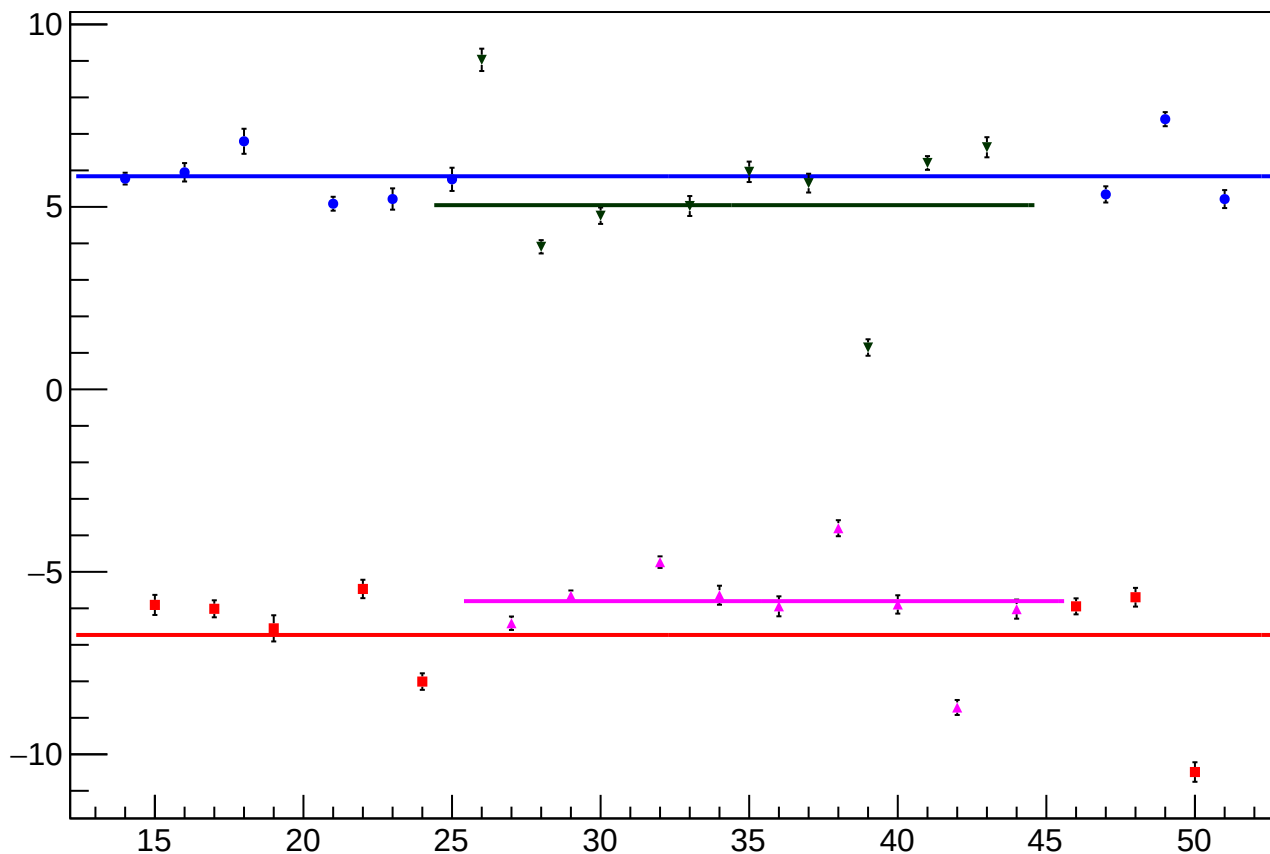
Left Out: -5.082+/-0.106 χ^2/NDF : 3296.2/8

Right Out: 9.605+/-0.117 χ^2/NDF : 1310.8/7

Left In: 3.984+/-0.091 χ^2/NDF : 4557.3/8

-0.939+/-0.051 χ^2/NDF : 34389.5/34

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.839 ± 0.076 $\chi^2/\text{NDF}: 105.4/8$

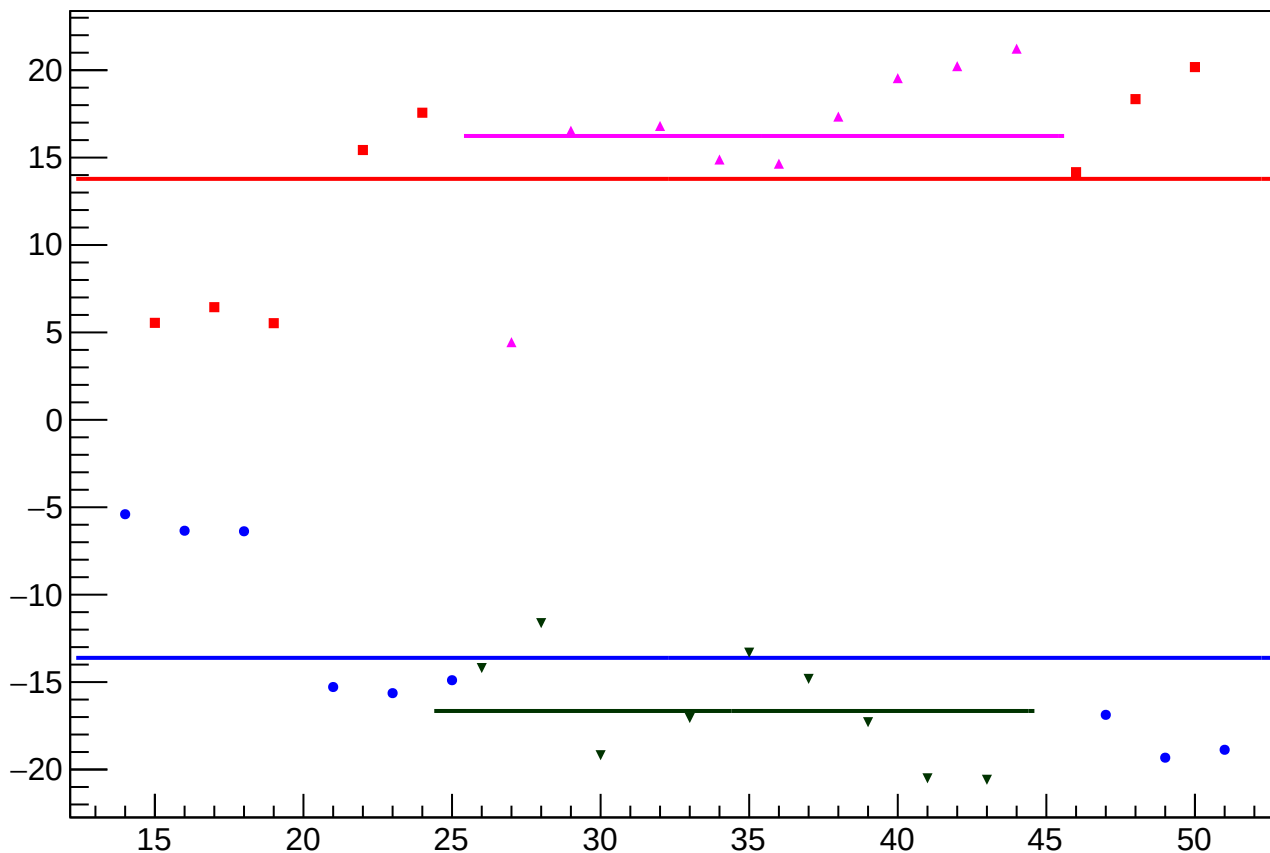
Left Out: 5.047 ± 0.078 $\chi^2/\text{NDF}: 595.4/8$

Right Out: -6.729 ± 0.090 $\chi^2/\text{NDF}: 301.0/7$

Left In: -5.803 ± 0.067 $\chi^2/\text{NDF}: 343.0/8$

-0.391 ± 0.038 $\chi^2/\text{NDF}: 24392.8/34$

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -13.614 ± 0.018 $\chi^2/\text{NDF}: 85218.5/8$

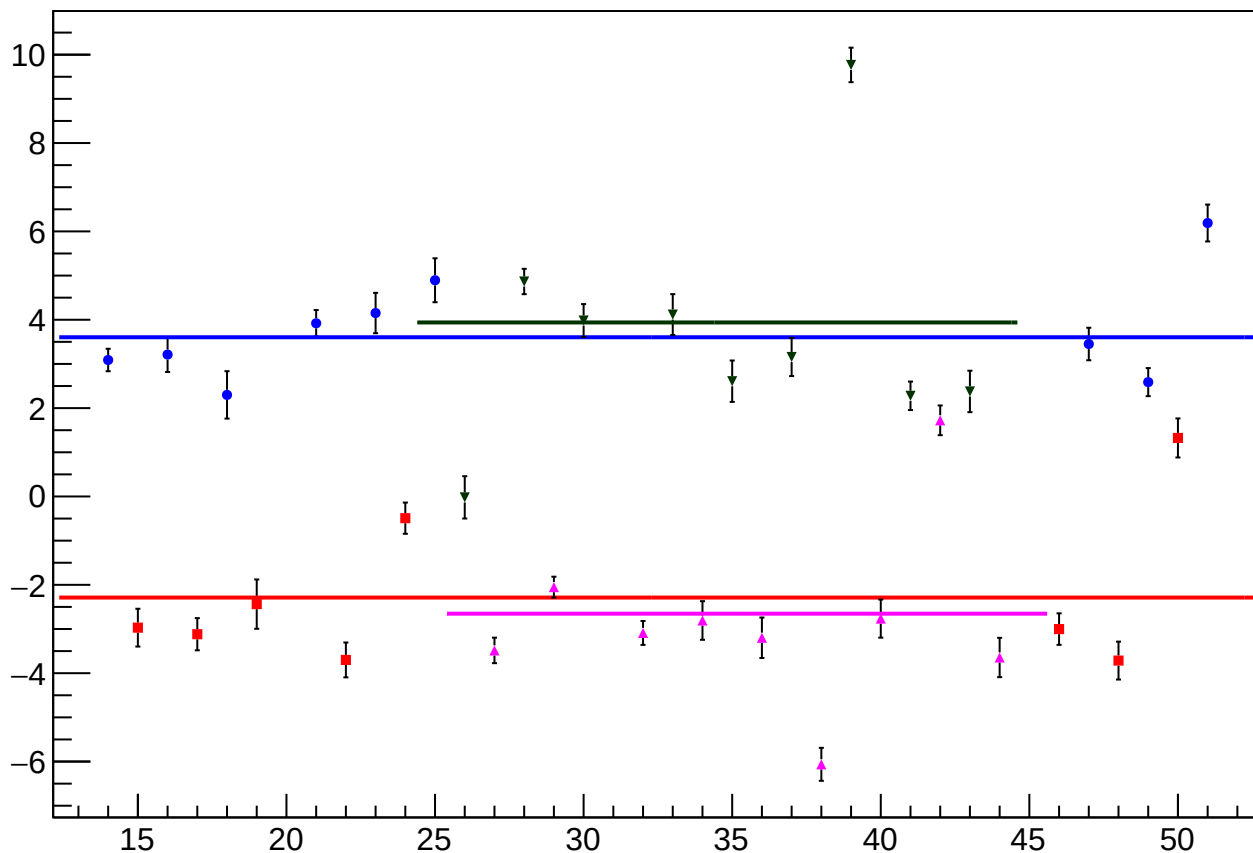
Left Out: -16.652 ± 0.018 $\chi^2/\text{NDF}: 33114.0/8$

Right Out: 13.783 ± 0.021 $\chi^2/\text{NDF}: 57500.0/7$

Left In: 16.236 ± 0.016 $\chi^2/\text{NDF}: 73668.6/8$

0.281 ± 0.009 $\chi^2/\text{NDF}: 3226130.1/34$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.604 ± 0.121 χ^2/NDF : 69.1/8

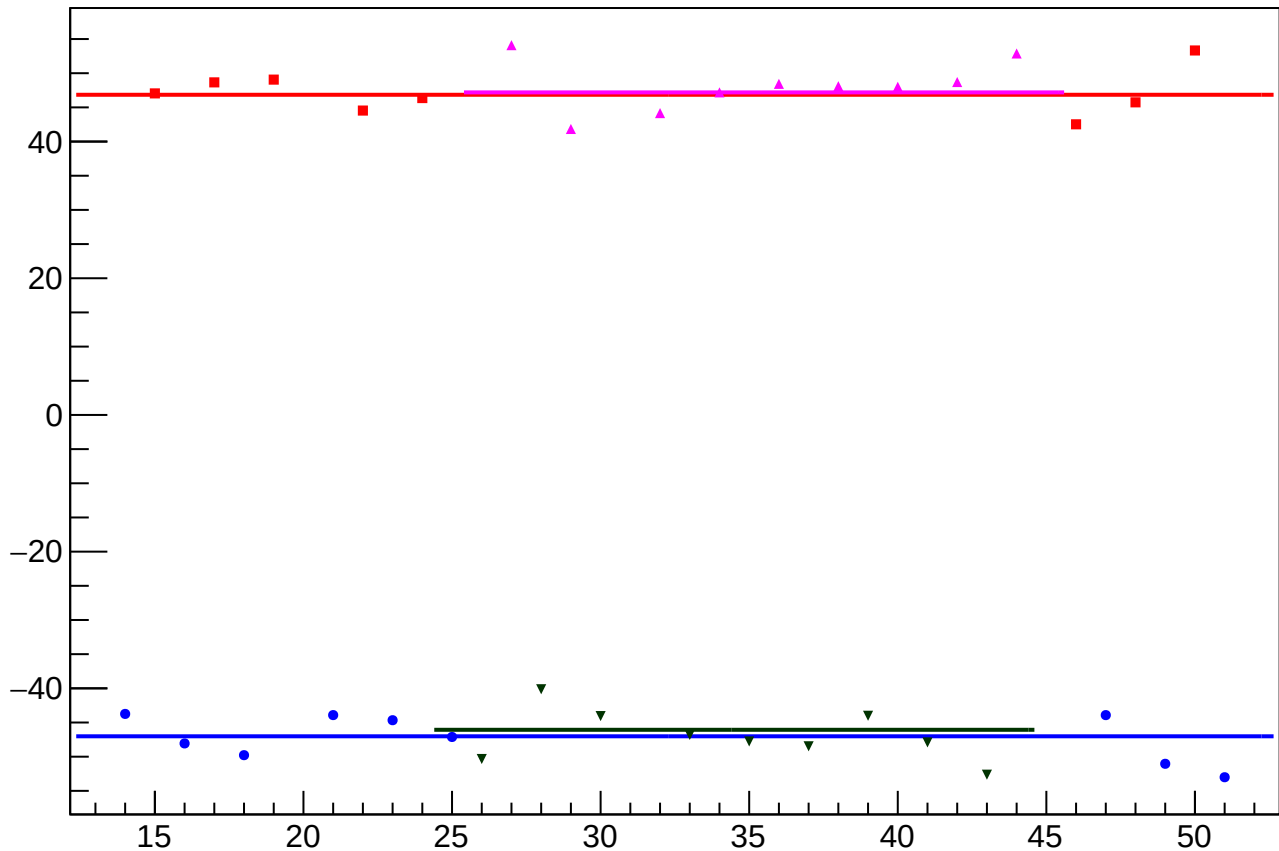
Left Out: 3.939 ± 0.130 χ^2/NDF : 350.7/8

Right Out: -2.288 ± 0.143 χ^2/NDF : 128.4/7

Left In: -2.653 ± 0.112 χ^2/NDF : 276.7/8

0.603 ± 0.062 χ^2/NDF : 3357.1/34

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.017 ± 0.024 $\chi^2/\text{NDF}: 19683.7/8$

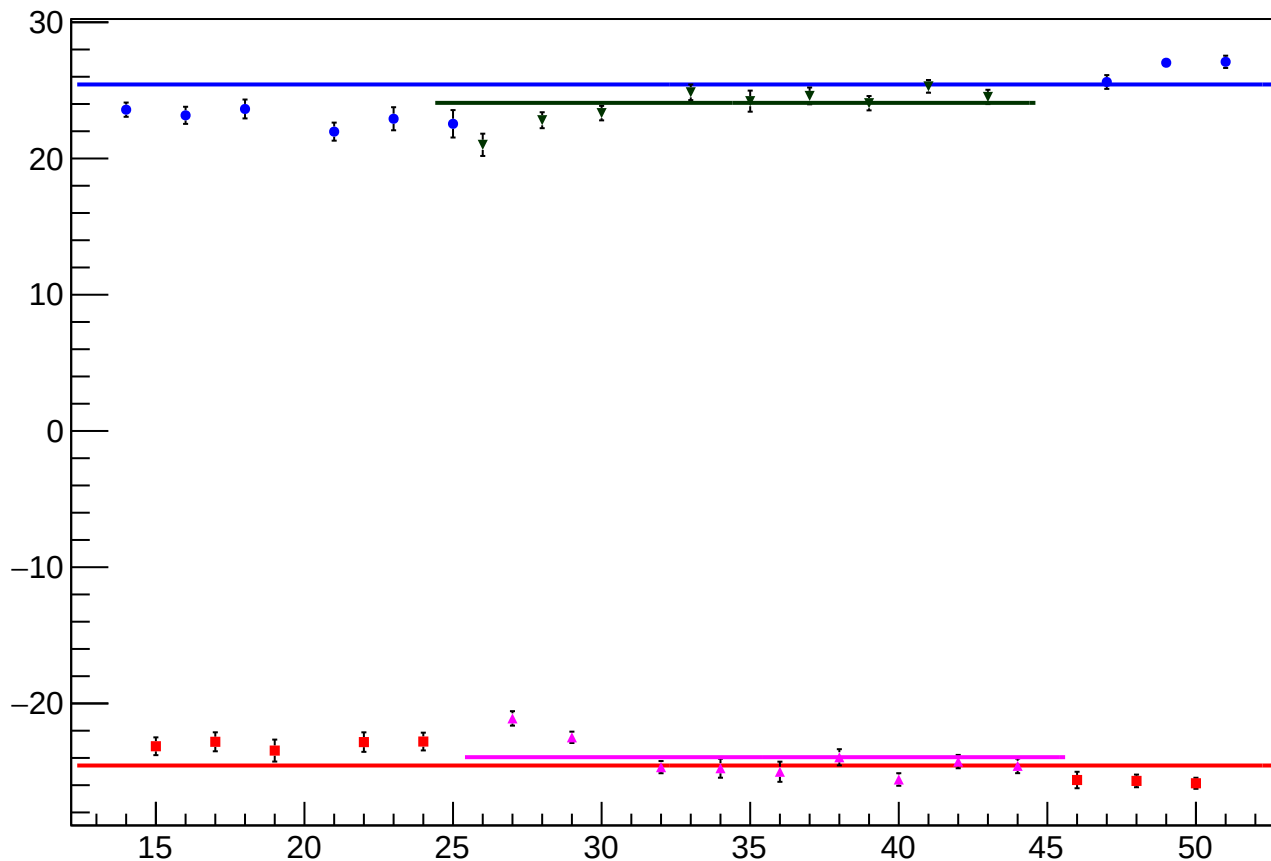
Left Out: -46.065 ± 0.024 $\chi^2/\text{NDF}: 24343.4/8$

Right Out: 46.845 ± 0.026 $\chi^2/\text{NDF}: 12968.9/7$

Left In: 47.193 ± 0.023 $\chi^2/\text{NDF}: 27379.6/8$

-1.344 ± 0.012 $\chi^2/\text{NDF}: 15061853.6/34$

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.433 $\pm$ 0.168 χ^2/NDF : 124.9/8

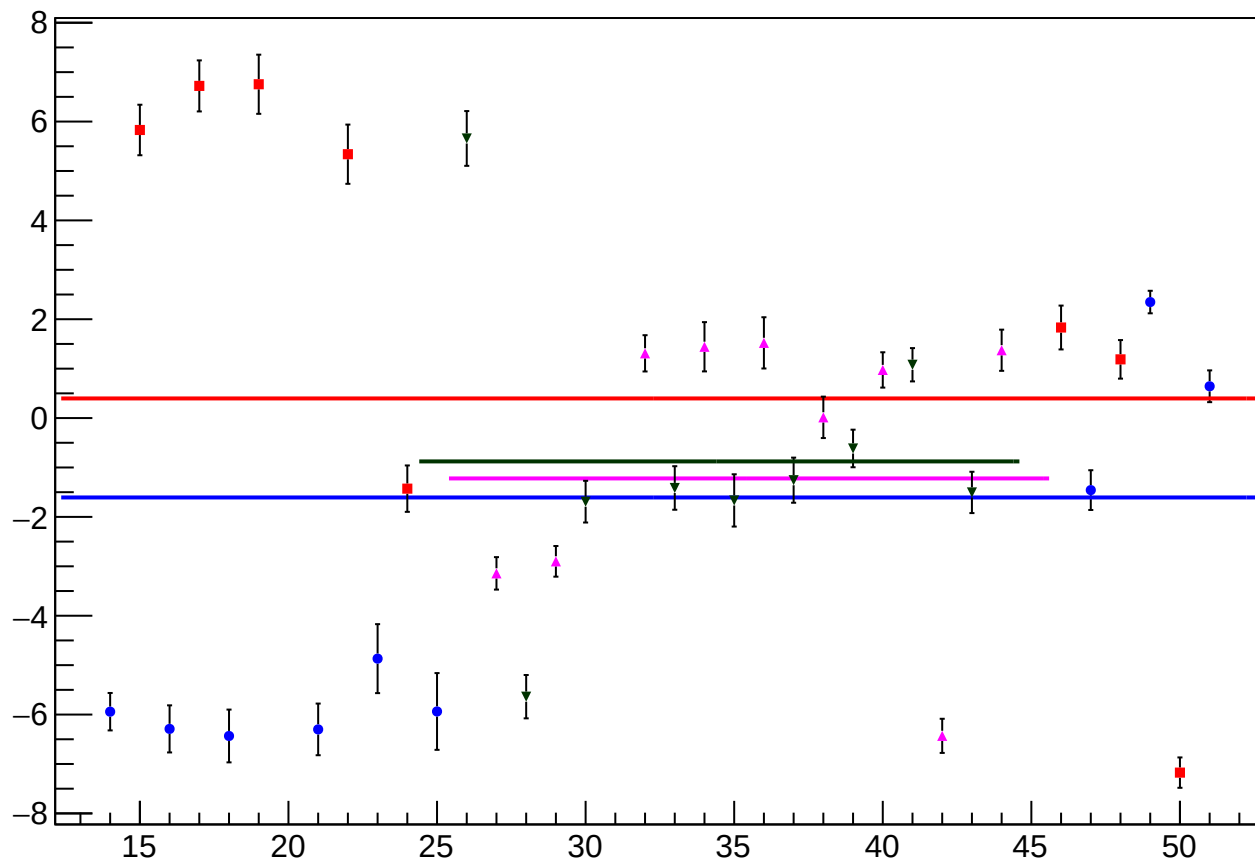
Left Out: 24.083 $\pm$ 0.192 χ^2/NDF : 30.9/8

Right Out: -24.556 $\pm$ 0.205 χ^2/NDF : 45.2/7

Left In: -23.944 $\pm$ 0.173 χ^2/NDF : 61.7/8

1.409 $\pm$ 0.091 χ^2/NDF : 72038.5/34

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -1.607 ± 0.132 χ^2/NDF : 793.0/8

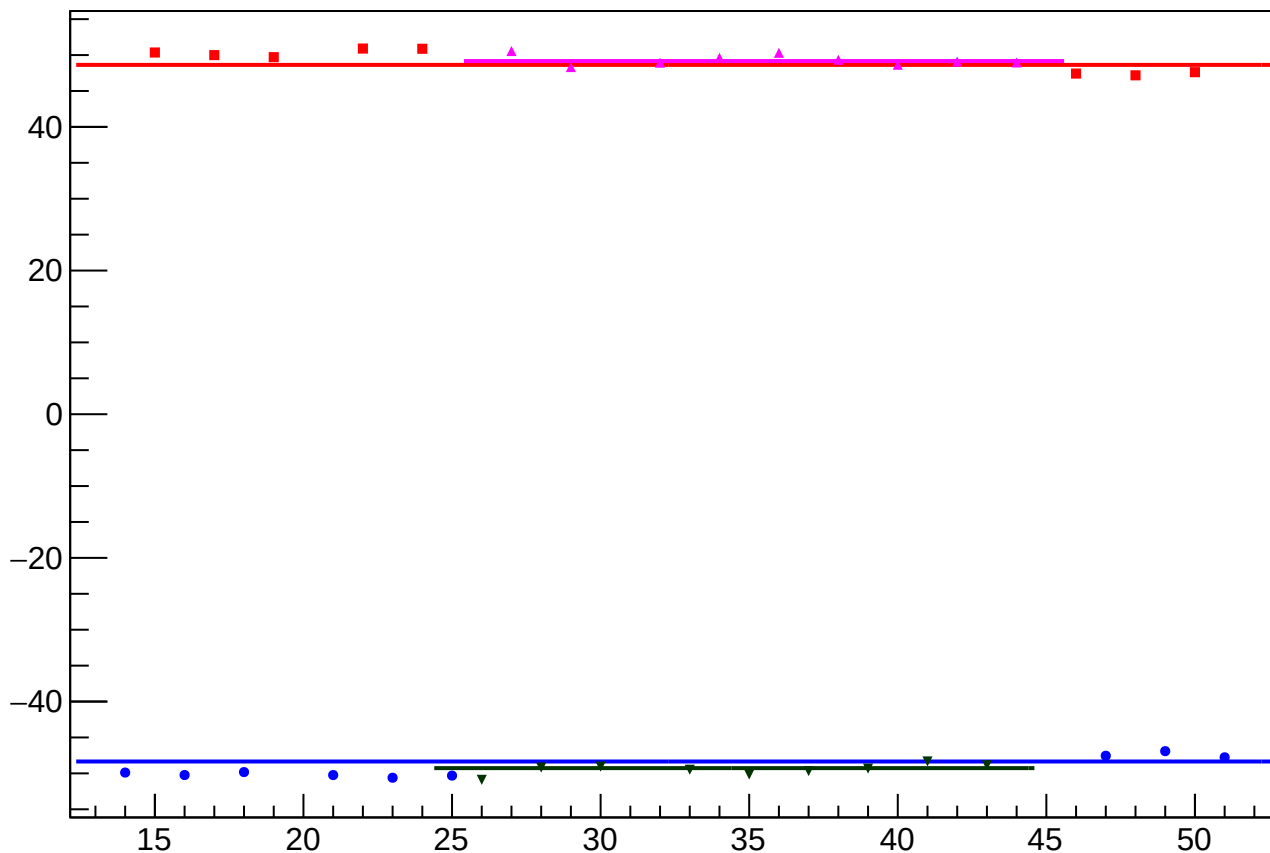
Left Out: -0.877 ± 0.143 χ^2/NDF : 301.4/8

Right Out: 0.397 ± 0.158 χ^2/NDF : 1080.9/7

Left In: -1.222 ± 0.126 χ^2/NDF : 480.3/8

-0.937 ± 0.069 χ^2/NDF : 2757.6/34

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.346 ± 0.032 $\chi^2/\text{NDF}: 2006.2/8$

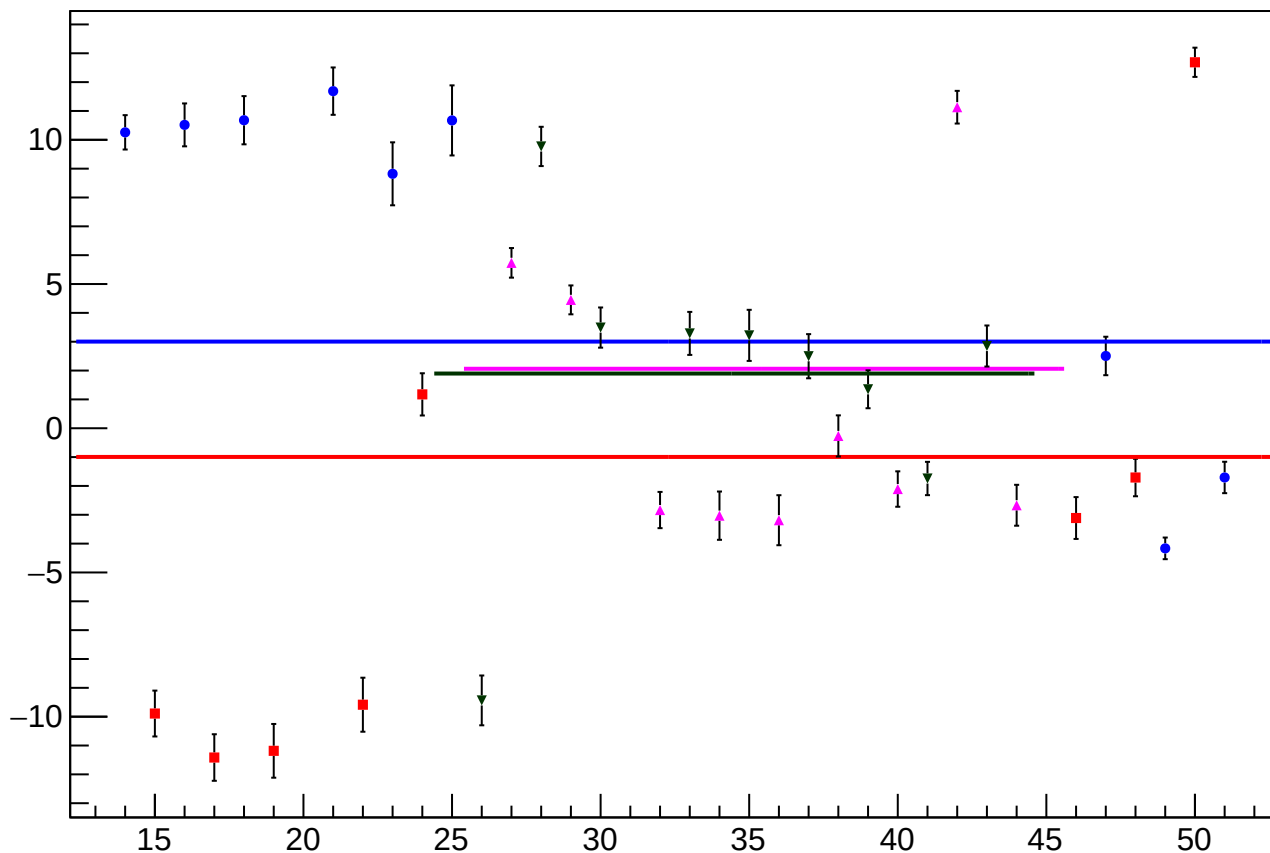
Left Out: -49.268 ± 0.032 $\chi^2/\text{NDF}: 377.7/8$

Right Out: 48.633 ± 0.037 $\chi^2/\text{NDF}: 1627.7/7$

Left In: 49.168 ± 0.030 $\chi^2/\text{NDF}: 481.7/8$

-1.312 ± 0.016 $\chi^2/\text{NDF}: 9051319.7/34$

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 3.005 ± 0.214 $\chi^2/\text{NDF}: 955.4/8$

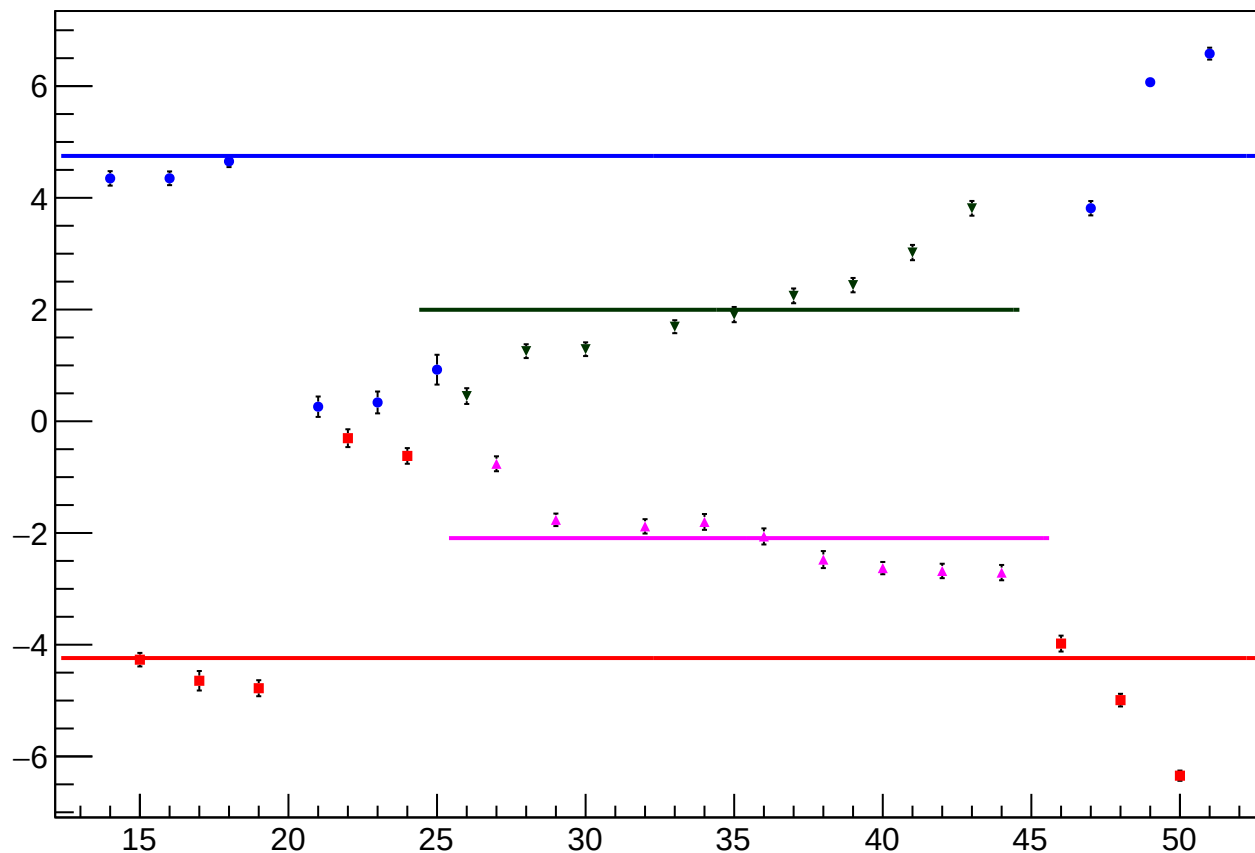
Left Out: 1.897 ± 0.238 $\chi^2/\text{NDF}: 359.8/8$

Right Out: -0.995 ± 0.255 $\chi^2/\text{NDF}: 1243.4/7$

Left In: 2.062 ± 0.209 $\chi^2/\text{NDF}: 565.8/8$

1.681 ± 0.113 $\chi^2/\text{NDF}: 3277.2/34$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 4.750 ± 0.040 χ^2/NDF : 2029.7/8

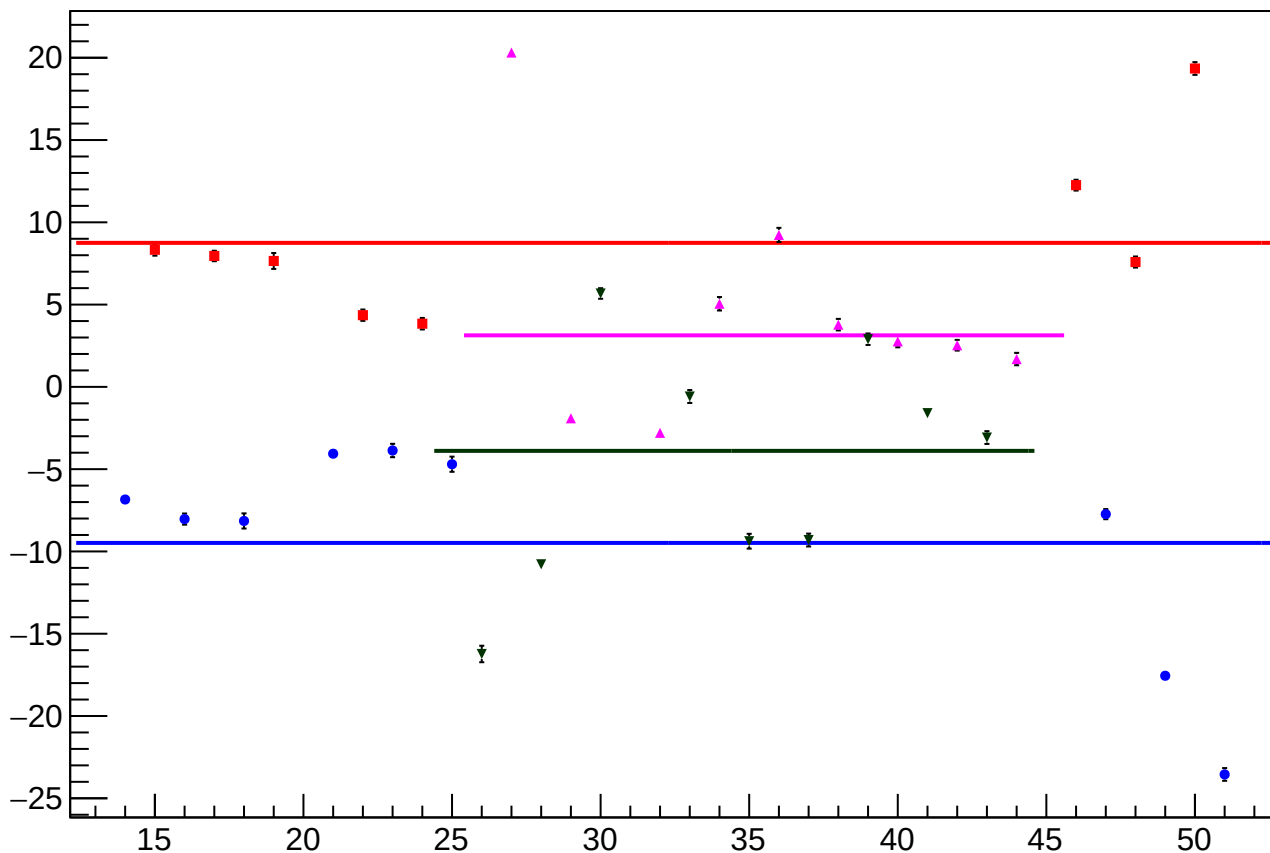
Left Out: 1.996 ± 0.043 χ^2/NDF : 455.9/8

Right Out: -4.239 ± 0.045 χ^2/NDF : 1869.6/7

Left In: -2.092 ± 0.043 χ^2/NDF : 185.6/8

0.418 ± 0.021 χ^2/NDF : 31707.0/34

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -9.482+/-0.105 χ^2/NDF : 3226.7/8

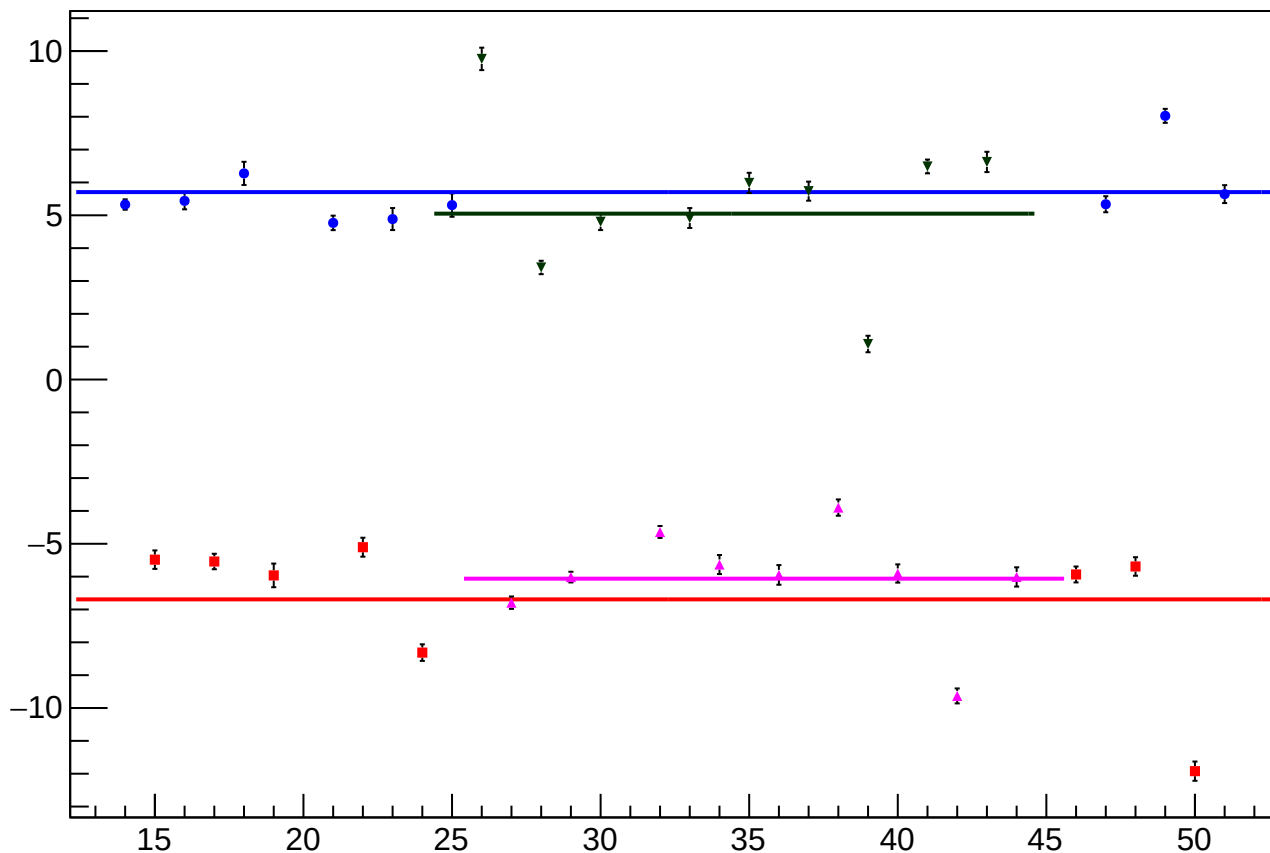
Left Out: -3.888+/-0.118 χ^2/NDF : 2967.8/8

Right Out: 8.752+/-0.126 χ^2/NDF : 1244.5/7

Left In: 3.132+/-0.102 χ^2/NDF : 4858.8/8

-0.887+/-0.056 χ^2/NDF : 27073.4/34

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.706 $\pm$ 0.081 χ^2 /NDF: 156.0/8

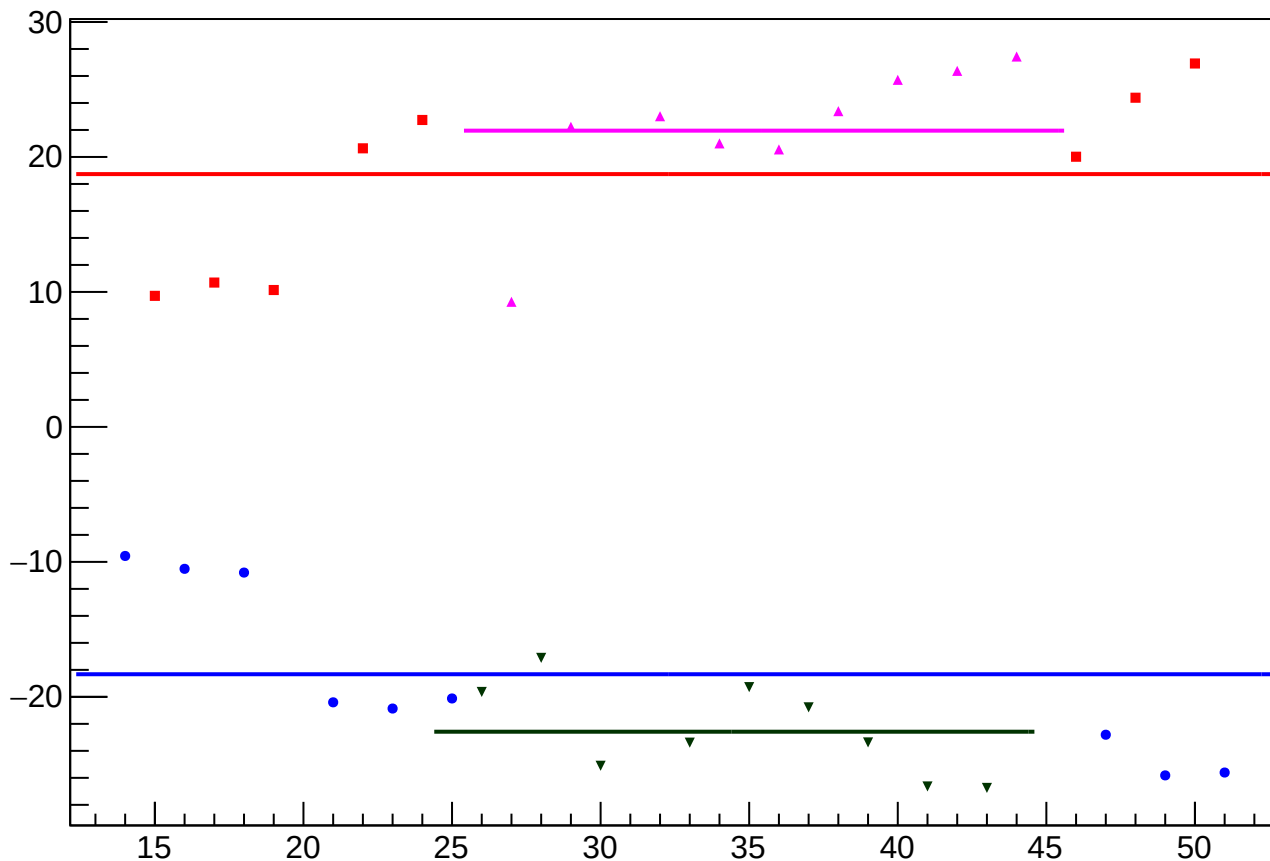
Left Out: 5.050 $\pm$ 0.088 χ^2 /NDF: 593.0/8

-0.482 $\pm$ 0.042 χ^2 /NDF: 21166.9/34

Right Out: -6.693 $\pm$ 0.097 χ^2 /NDF: 458.3/7

Left In: -6.062 $\pm$ 0.075 χ^2 /NDF: 400.5/8

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -18.324+/-0.020 χ^2/NDF : 106802.2/8

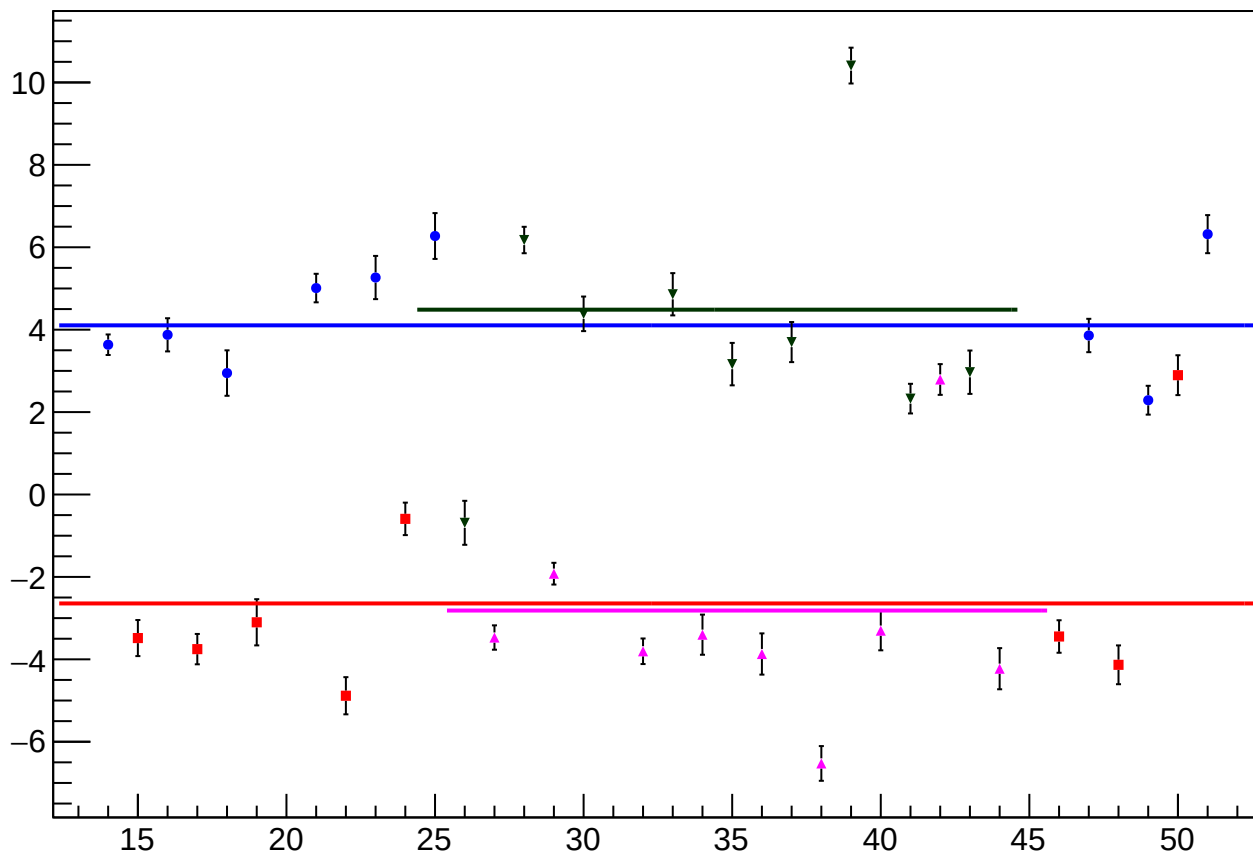
Left Out: -22.582+/-0.020 χ^2/NDF : 29955.2/8

Right Out: 18.730+/-0.023 χ^2/NDF : 68127.9/7

Left In: 21.949+/-0.017 χ^2/NDF : 78860.8/8

0.354+/-0.010 χ^2/NDF : 4741618.0/34

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.105+/-0.129 χ^2/NDF : 85.5/8

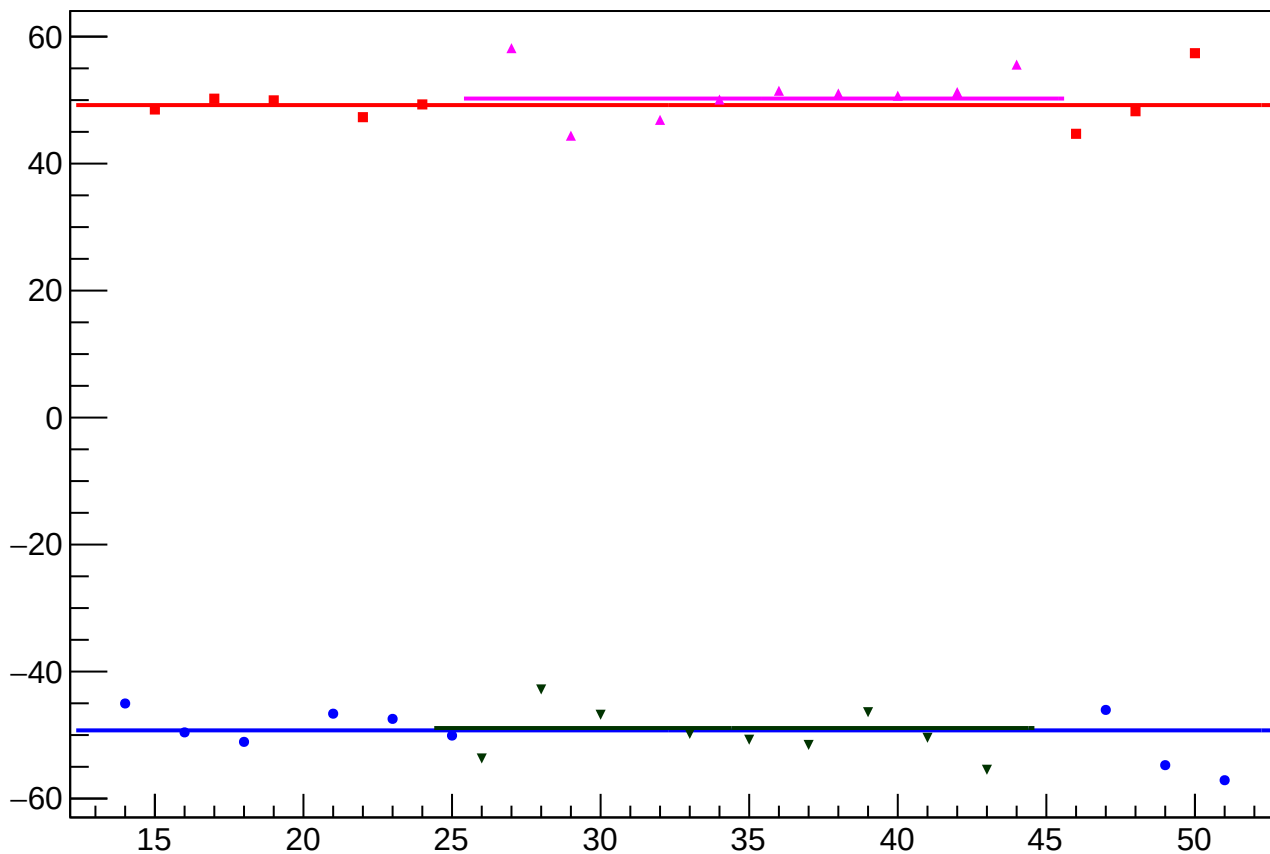
Left Out: 4.486+/-0.145 χ^2/NDF : 361.5/8

Right Out: -2.644+/-0.154 χ^2/NDF : 210.5/7

Left In: -2.816+/-0.123 χ^2/NDF : 345.0/8

0.748+/-0.068 χ^2/NDF : 3658.0/34

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.263 ± 0.025 $\chi^2/\text{NDF}: 23984.0/8$

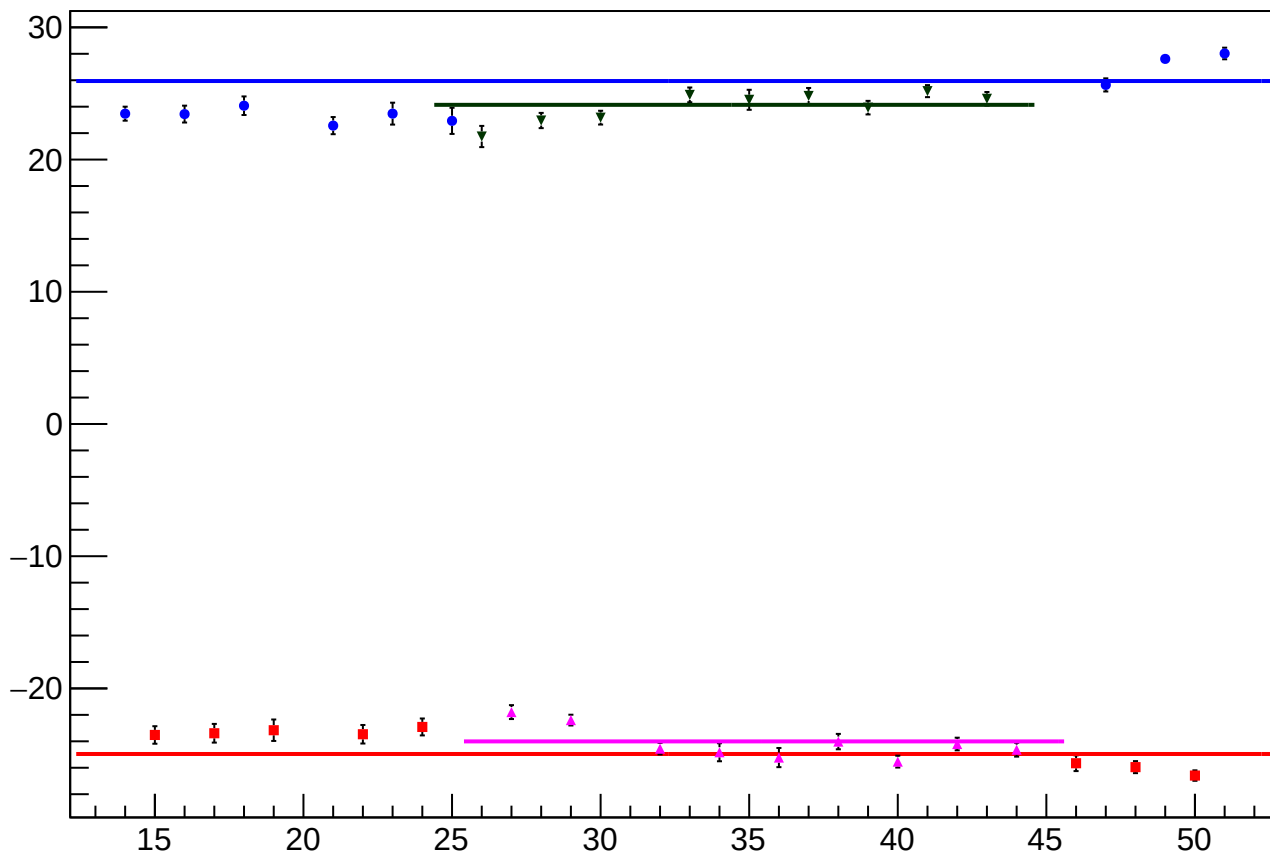
Left Out: -48.894 ± 0.027 $\chi^2/\text{NDF}: 21073.6/8$

Right Out: 49.216 ± 0.028 $\chi^2/\text{NDF}: 13196.6/7$

Left In: 50.244 ± 0.026 $\chi^2/\text{NDF}: 27248.9/8$

-1.403 ± 0.013 $\chi^2/\text{NDF}: 14096444.9/34$

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 25.941 ± 0.166 χ^2/NDF : 152.0/8

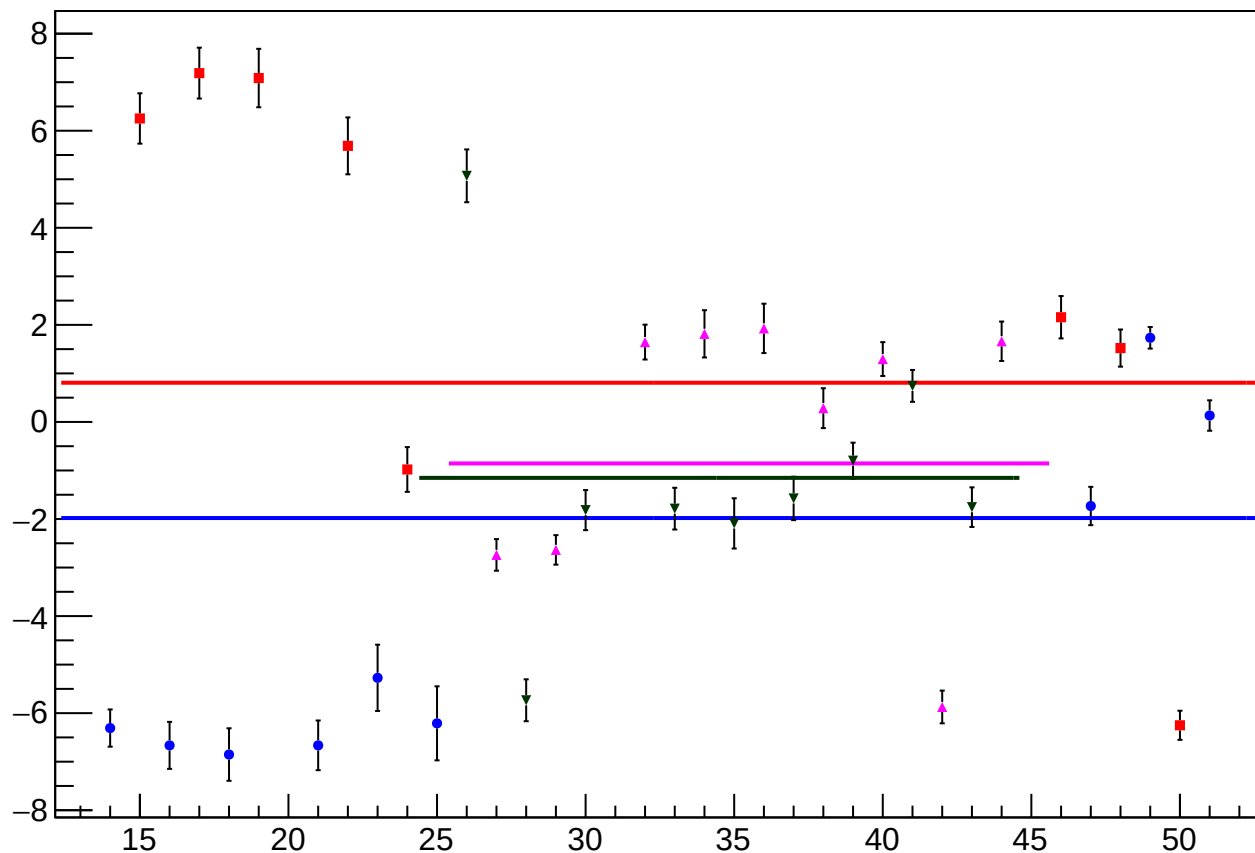
Left Out: 24.140 ± 0.188 χ^2/NDF : 26.0/8

Right Out: -24.959 ± 0.203 χ^2/NDF : 52.4/7

Left In: -24.007 ± 0.169 χ^2/NDF : 52.5/8

1.481 ± 0.090 χ^2/NDF : 76225.5/34

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.980 ± 0.130 $\chi^2/\text{NDF}: 764.2/8$

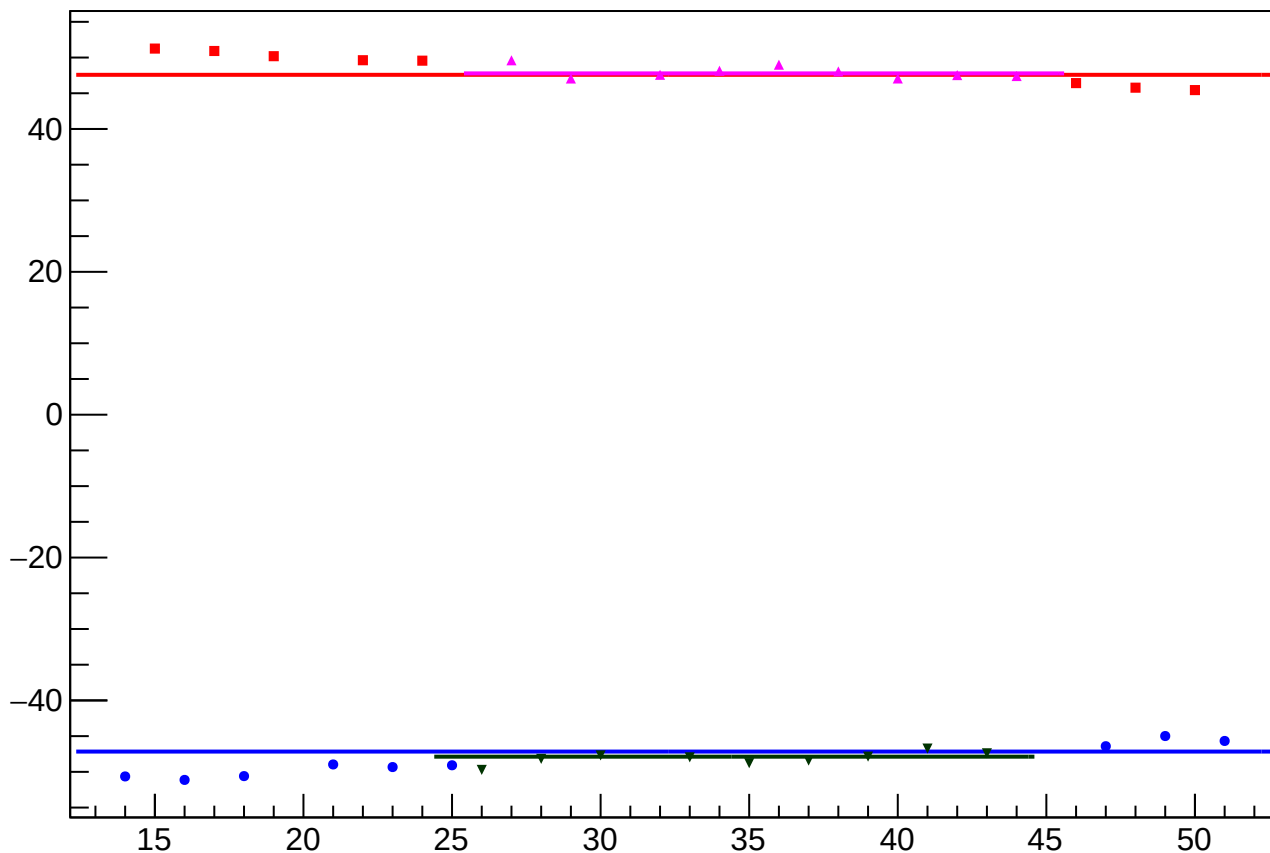
Left Out: -1.152 ± 0.140 $\chi^2/\text{NDF}: 288.7/8$

Right Out: 0.808 ± 0.156 $\chi^2/\text{NDF}: 1018.0/7$

Left In: -0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.917 ± 0.068 $\chi^2/\text{NDF}: 2744.5/34$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.160 $\pm$ 0.031 χ^2 /NDF: 5421.7/8

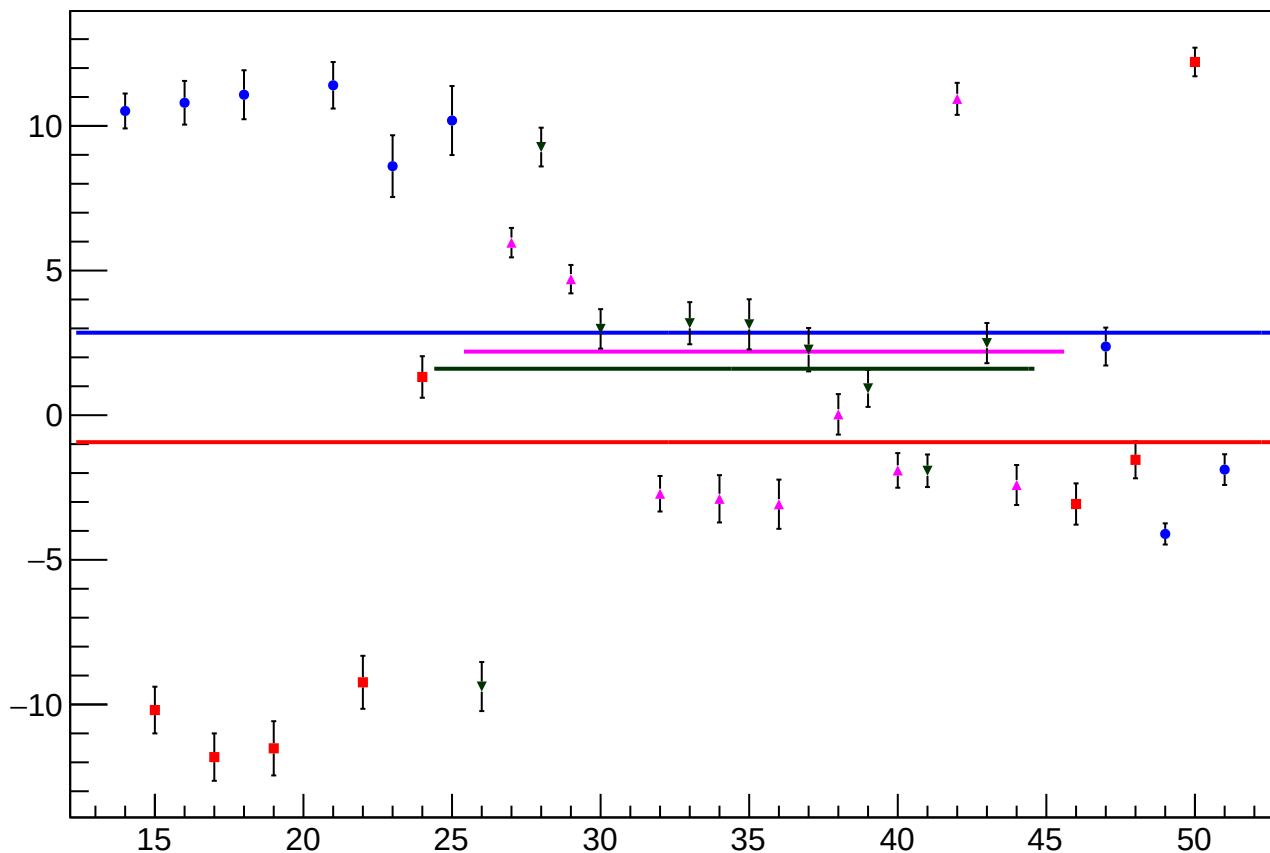
Left Out: -47.875 $\pm$ 0.031 χ^2 /NDF: 531.8/8

Right Out: 47.582 $\pm$ 0.037 χ^2 /NDF: 3656.4/7

Left In: 47.781 $\pm$ 0.029 χ^2 /NDF: 693.0/8

-1.273 $\pm$ 0.016 χ^2 /NDF: 8913794.6/34

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 2.852 ± 0.211 χ^2/NDF : 987.4/8

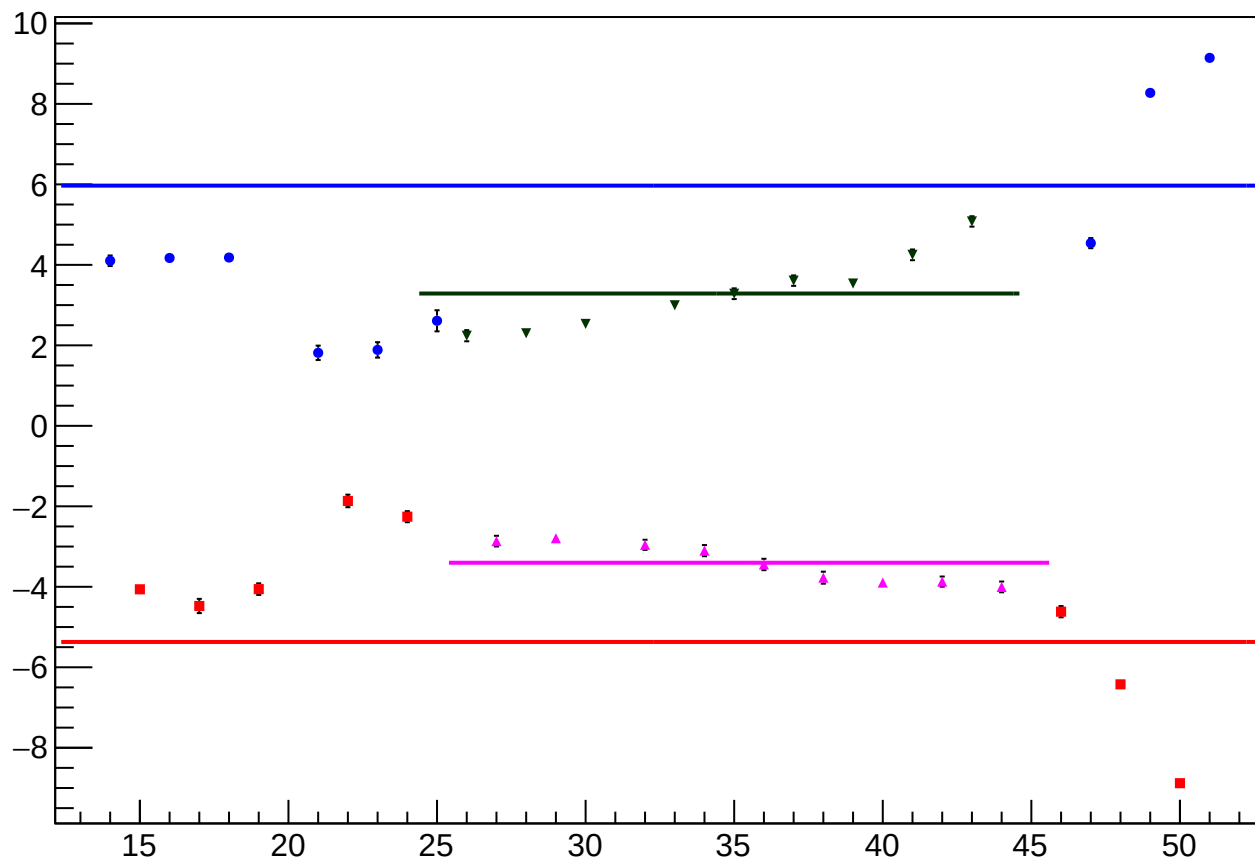
Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

1.628 ± 0.112 χ^2/NDF : 3301.5/34

Right Out: -0.933 ± 0.252 χ^2/NDF : 1243.4/7

Left In: 2.198 ± 0.205 χ^2/NDF : 572.5/8

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 5.969 $\pm$ 0.039 χ^2 /NDF: 4019.9/8

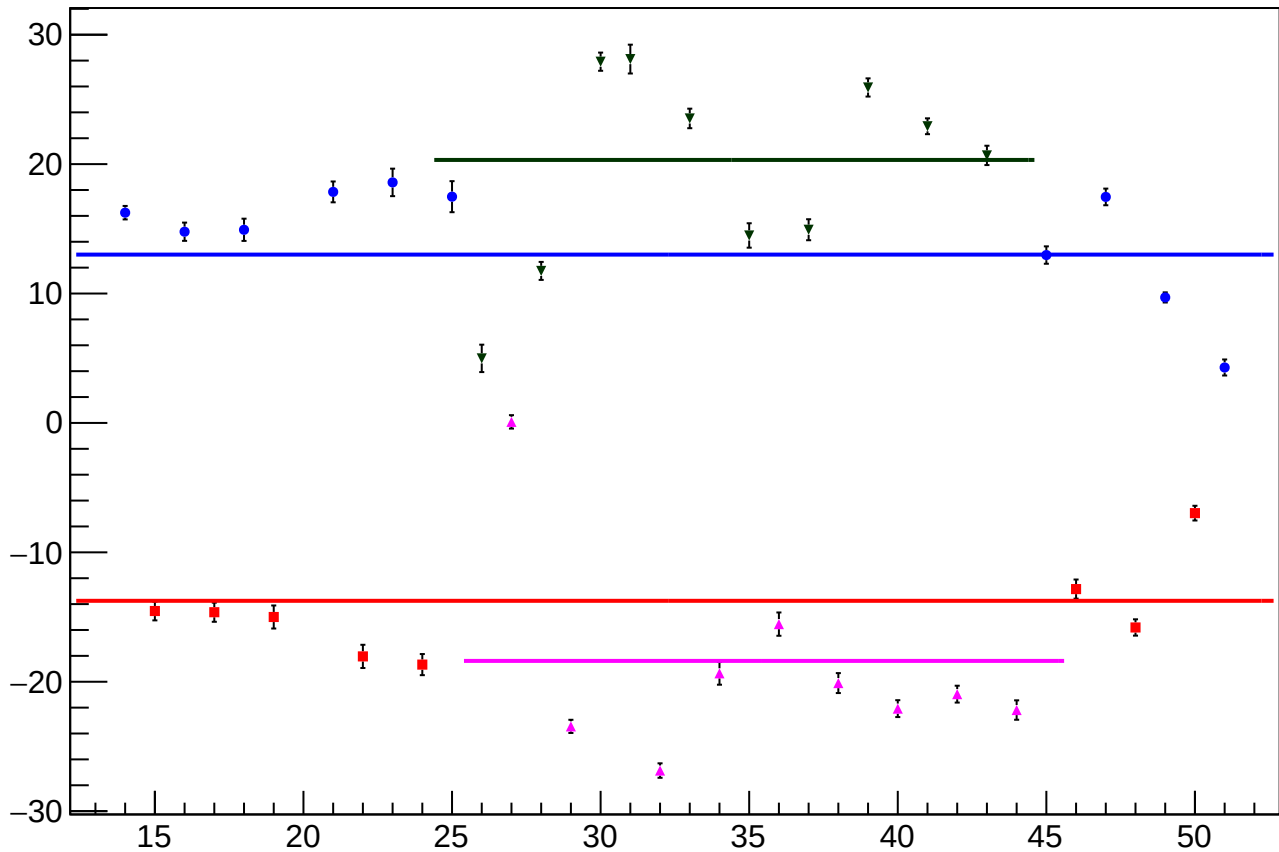
Left Out: 3.288 $\pm$ 0.042 χ^2 /NDF:423.4/8

Right Out: -5.371 $\pm$ 0.045 χ^2 /NDF: 2895.3/7

Left In: -3.402 $\pm$ 0.042 χ^2 /NDF:125.8/8

0.513 $\pm$ 0.021 χ^2 /NDF: 56831.7/34

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 13.008+/-0.204 χ^2/NDF : 445.3/9

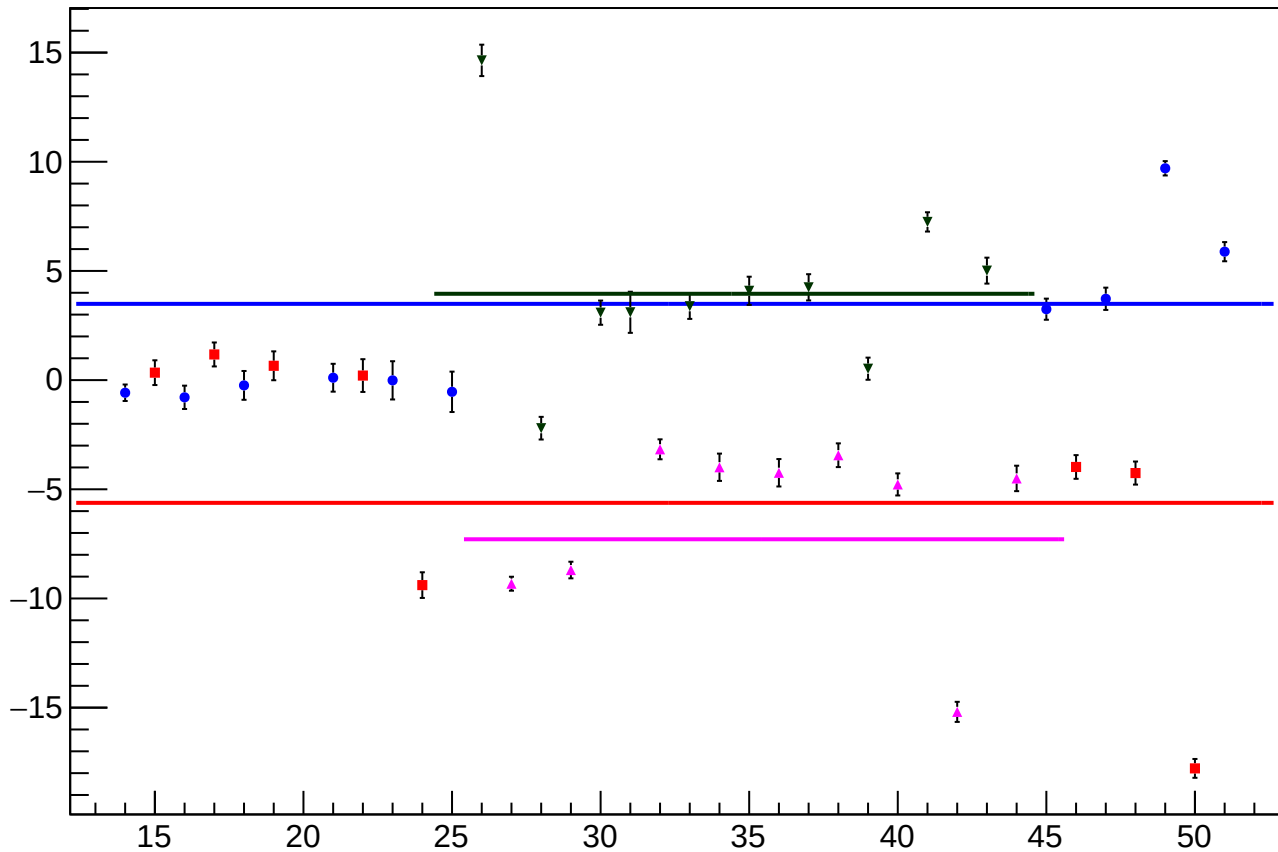
Left Out: 20.323+/-0.245 χ^2/NDF : 709.6/9

Right Out: -13.746+/-0.257 χ^2/NDF : 218.1/7

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.606+/-0.114 χ^2/NDF : 24088.8/36

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.492+/-0.157 χ^2/NDF : 662.8/9

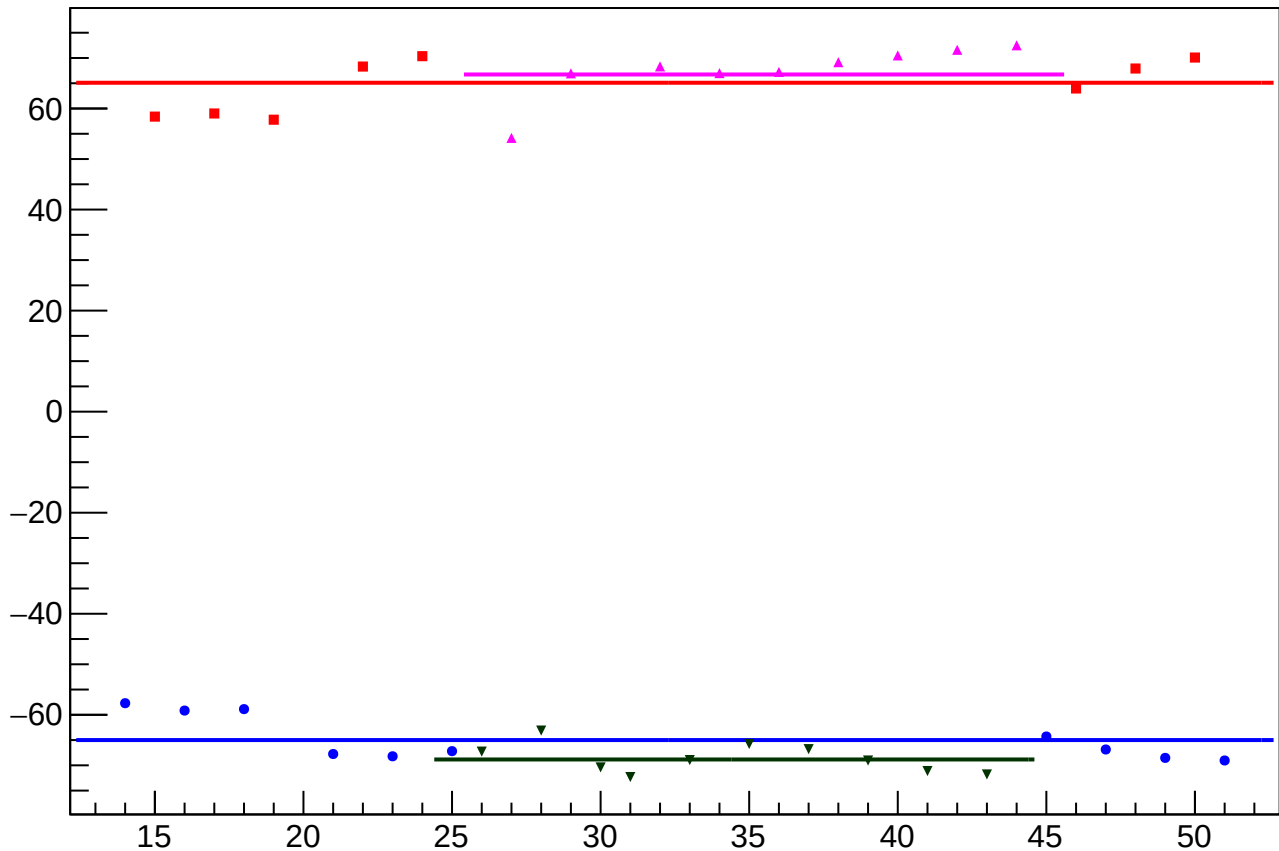
Left Out: 3.954+/-0.183 χ^2/NDF : 470.5/9

Right Out: -5.621+/-0.197 χ^2/NDF : 1267.3/7

Left In: -7.289+/-0.155 χ^2/NDF : 579.9/8

-1.367+/-0.085 χ^2/NDF : 6705.2/36

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -64.999 ± 0.038 $\chi^2/\text{NDF}: 12776.5/9$

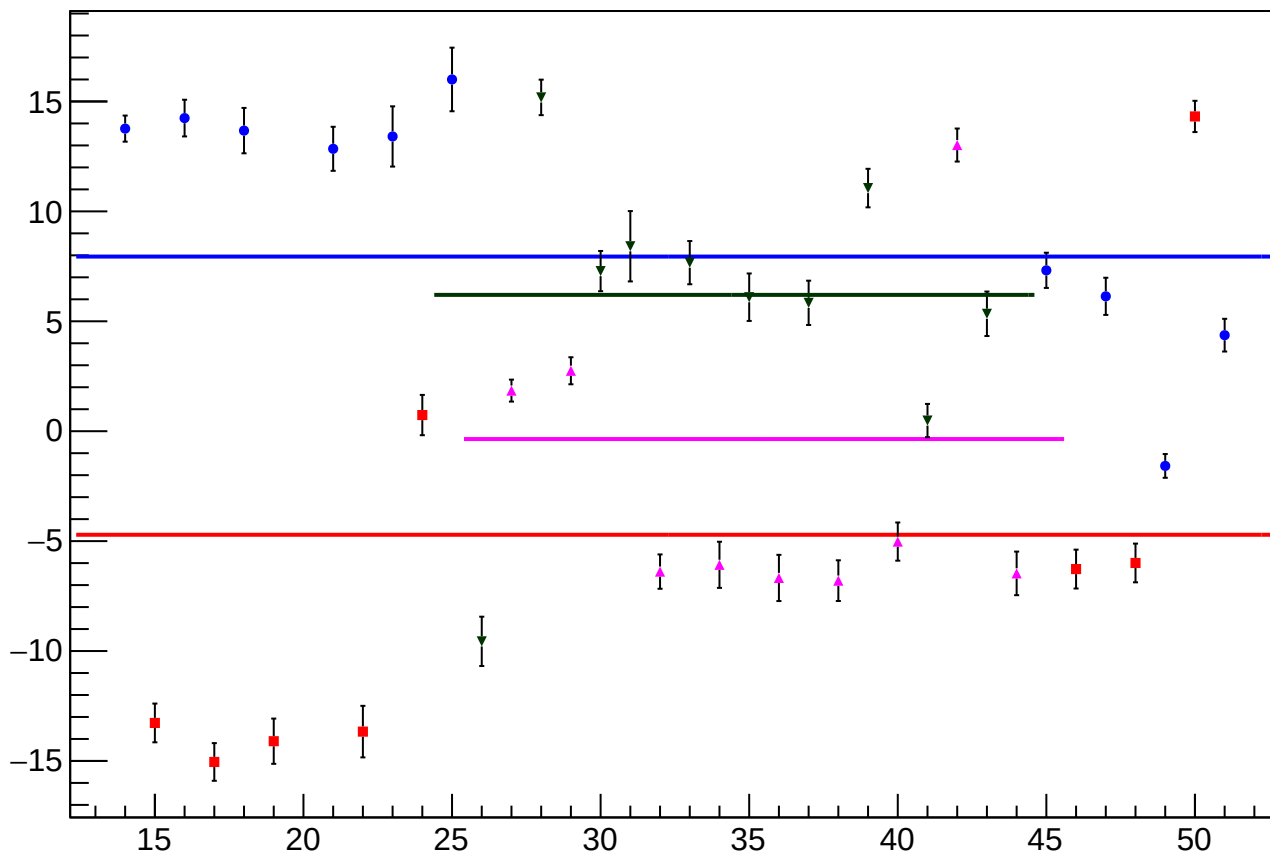
Left Out: -68.841 ± 0.040 $\chi^2/\text{NDF}: 4612.8/9$

Right Out: 65.099 ± 0.047 $\chi^2/\text{NDF}: 10204.8/7$

Left In: 66.738 ± 0.037 $\chi^2/\text{NDF}: 23839.1/8$

-3.824 ± 0.020 $\chi^2/\text{NDF}: 10980035.4/36$

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.944 $\pm$ 0.255 χ^2 /NDF: 593.7/9

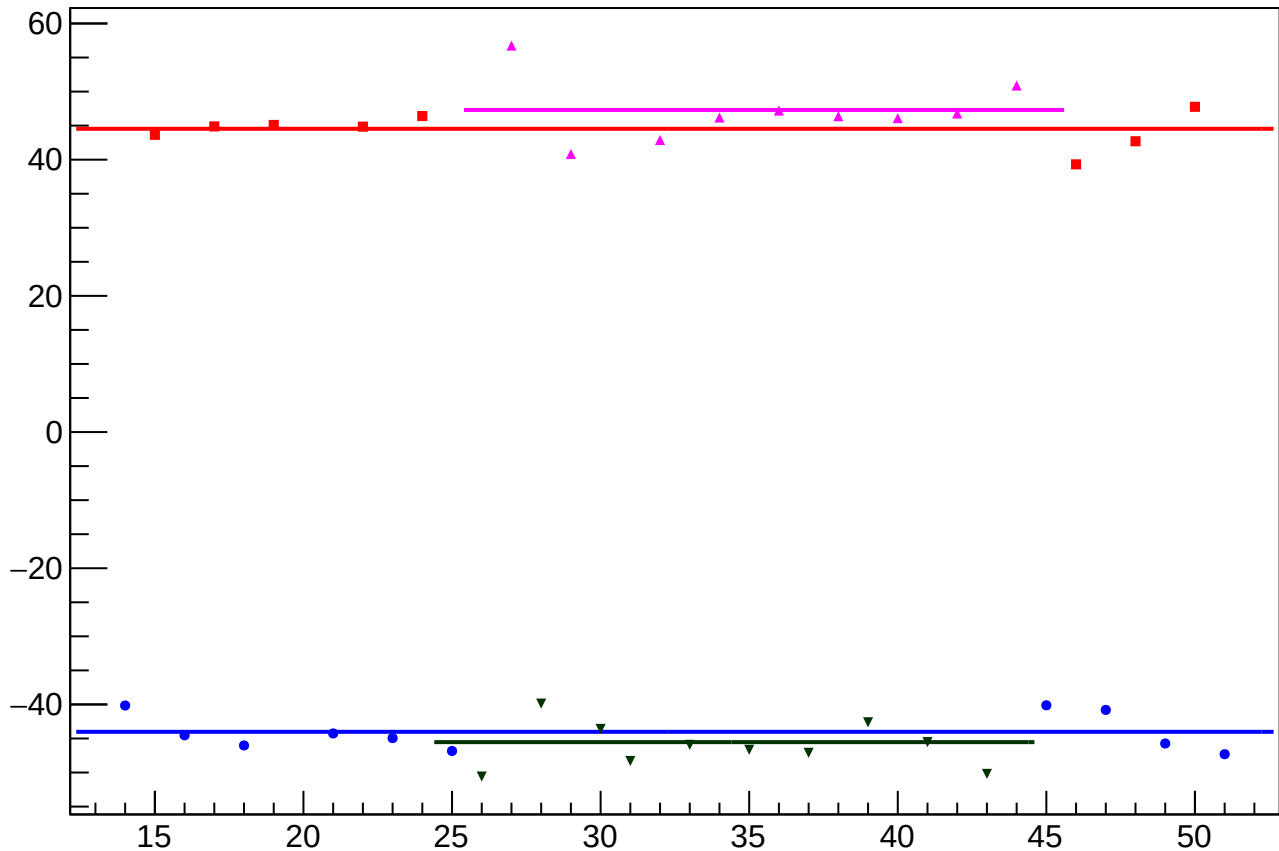
Left Out: 6.202 $\pm$ 0.304 χ^2 /NDF: 415.3/9

2.644 $\pm$ 0.139 χ^2 /NDF: 4001.9/36

Right Out: -4.711 $\pm$ 0.315 χ^2 /NDF: 1138.2/7

Left In: -0.356 $\pm$ 0.255 χ^2 /NDF: 602.4/8

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.021 $\pm$ 0.048 χ^2 /NDF: 2987.8/9

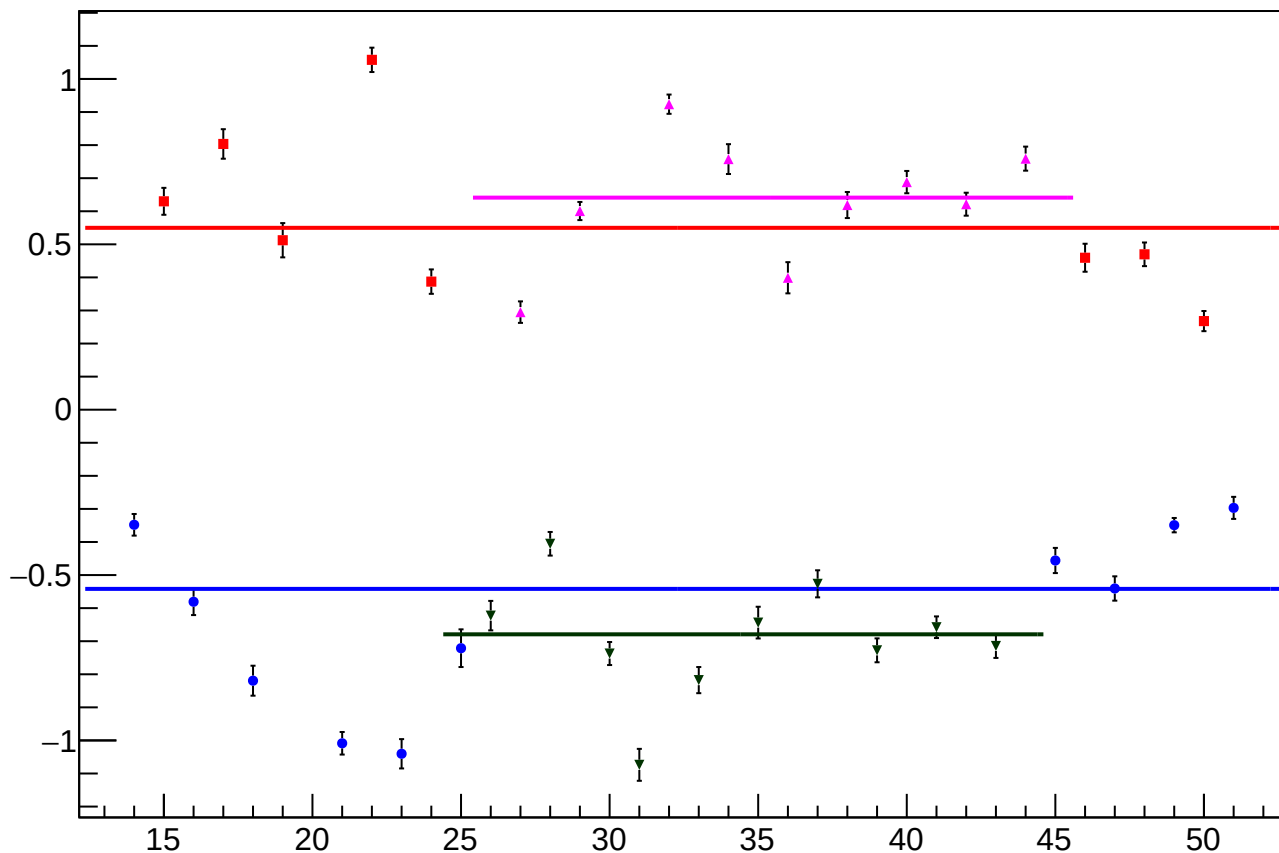
Left Out: -45.536 $\pm$ 0.055 χ^2 /NDF: 3476.0/9

Right Out: 44.538 $\pm$ 0.056 χ^2 /NDF: 1846.8/7

Left In: 47.301 $\pm$ 0.054 χ^2 /NDF: 8552.3/8

-2.679 $\pm$ 0.027 χ^2 /NDF: 2913701.6/36

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.542 ± 0.011 χ^2/NDF : 534.7/9

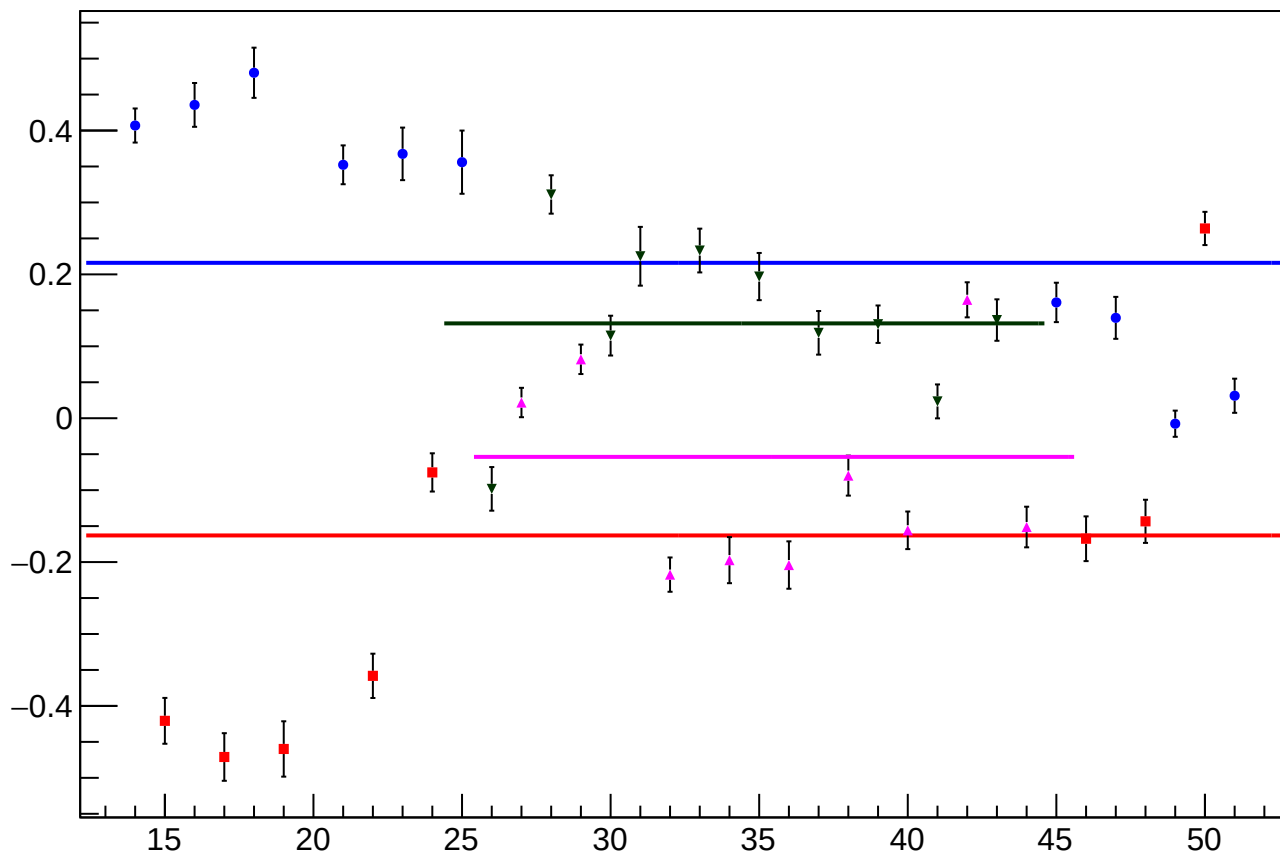
Left Out: -0.679 ± 0.012 χ^2/NDF : 159.8/9

-0.043 ± 0.006 χ^2/NDF : 11427.0/36

Right Out: 0.550 ± 0.014 χ^2/NDF : 341.6/7

Left In: 0.641 ± 0.012 χ^2/NDF : 255.8/8

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.216 ± 0.009 χ^2/NDF : 449.6/9

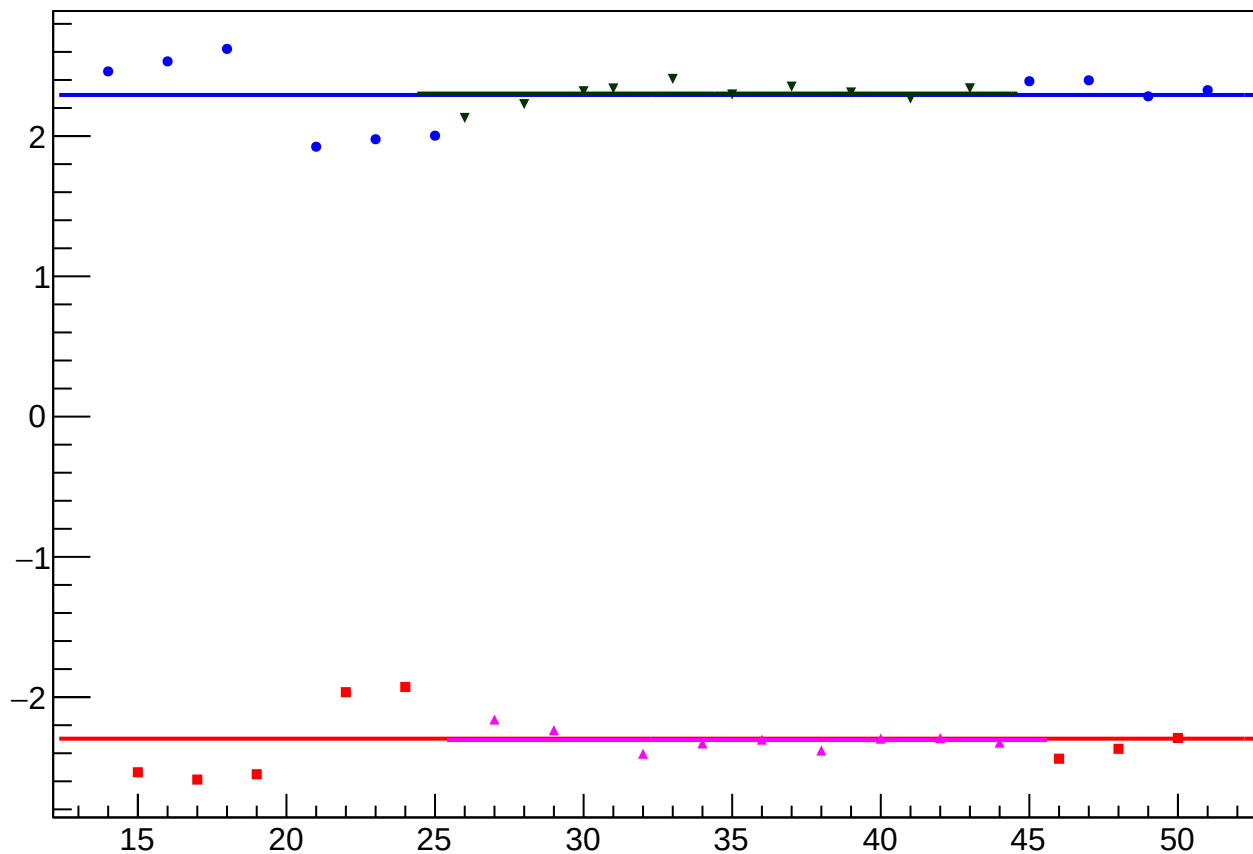
Left Out: 0.132 ± 0.009 χ^2/NDF : 144.7/9

Right Out: -0.163 ± 0.011 χ^2/NDF : 604.5/7

Left In: -0.054 ± 0.008 χ^2/NDF : 253.9/8

0.047 ± 0.005 χ^2/NDF : 2471.0/36

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.293+/-0.002 χ^2/NDF : 9876.7/9

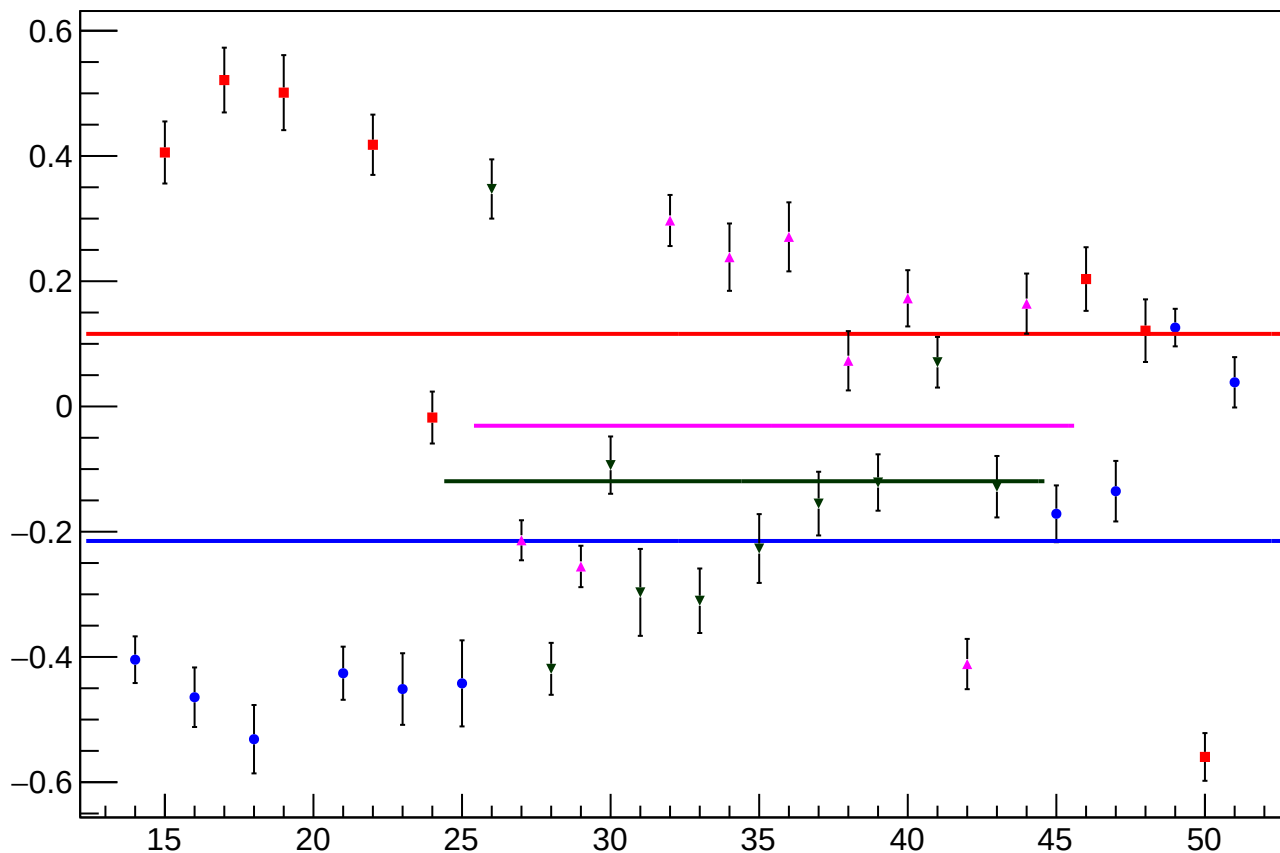
Left Out: 2.303+/-0.002 χ^2/NDF : 1196.2/9

Right Out: -2.296+/-0.002 χ^2/NDF : 8674.2/7

Left In: -2.306+/-0.002 χ^2/NDF : 1460.0/8

0.180+/-0.001 χ^2/NDF : 4783477.0/36

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.215+/-0.014 χ^2/NDF : 312.3/9

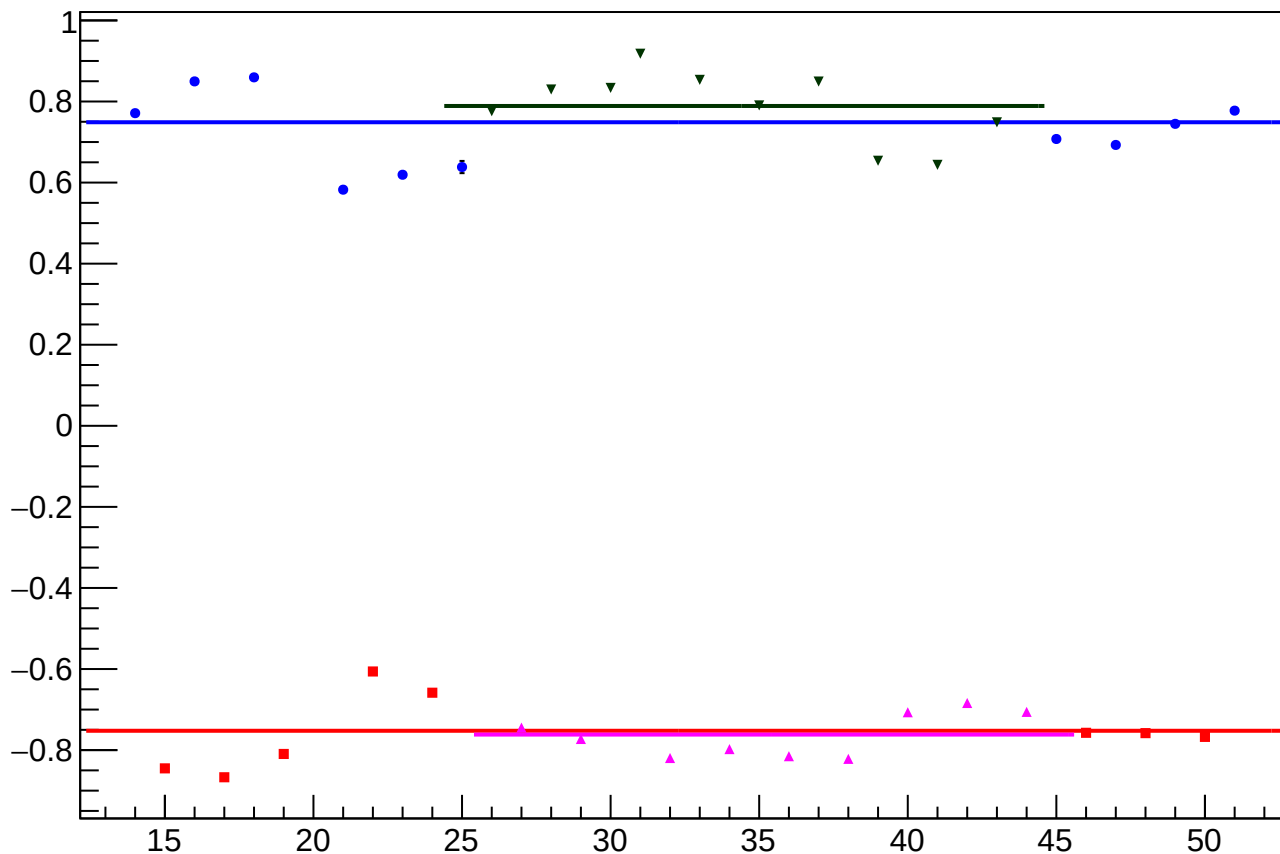
Left Out: -0.119+/-0.015 χ^2/NDF : 196.5/9

Right Out: 0.116+/-0.017 χ^2/NDF : 504.1/7

Left In: -0.031+/-0.014 χ^2/NDF : 330.1/8

-0.076+/-0.007 χ^2/NDF : 1593.0/36

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.749 ± 0.003 χ^2/NDF : 1035.2/9

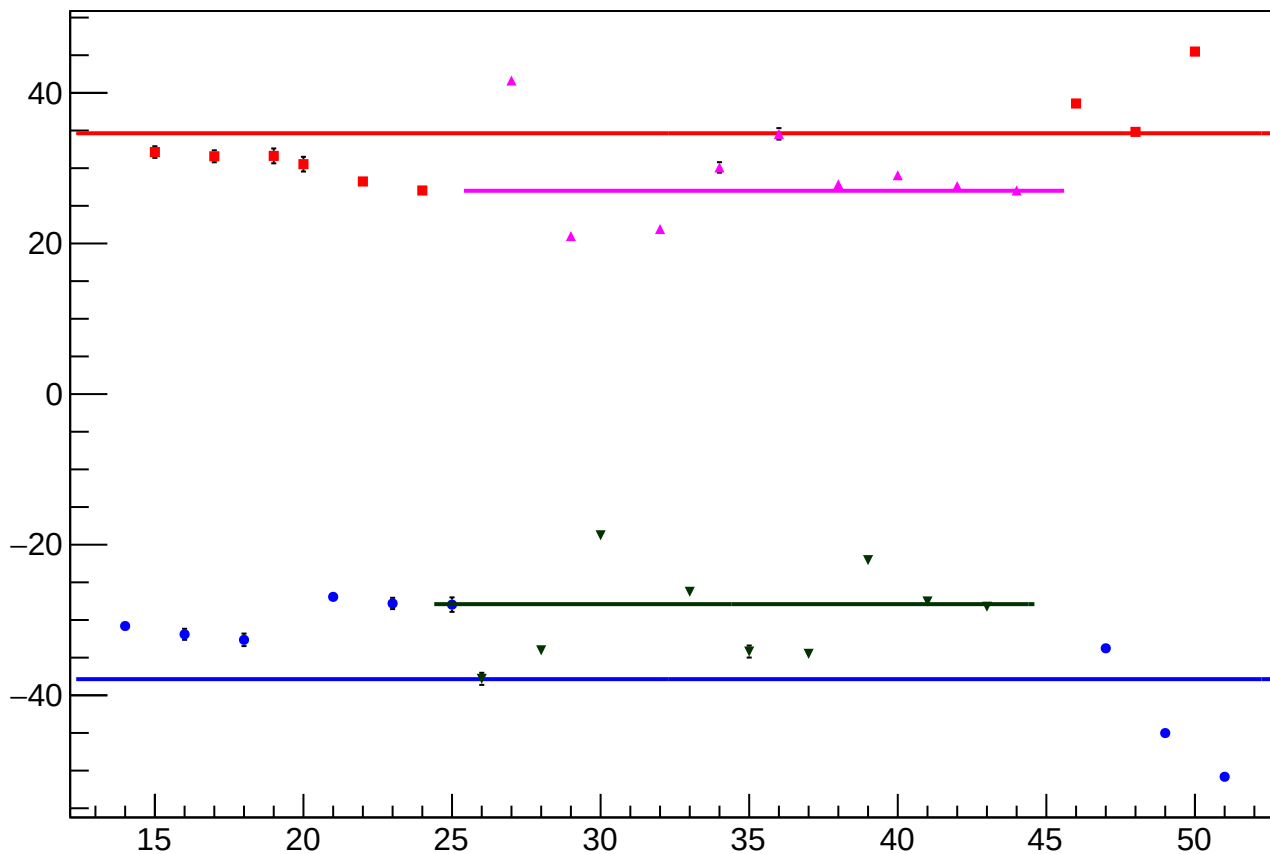
Left Out: 0.789 ± 0.003 χ^2/NDF : 762.0/9

Right Out: -0.752 ± 0.003 χ^2/NDF : 755.8/7

Left In: -0.762 ± 0.003 χ^2/NDF : 293.1/8

0.081 ± 0.001 χ^2/NDF : 299414.4/36

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -37.857 $\pm$ 0.188 χ^2 /NDF: 2001.1/8

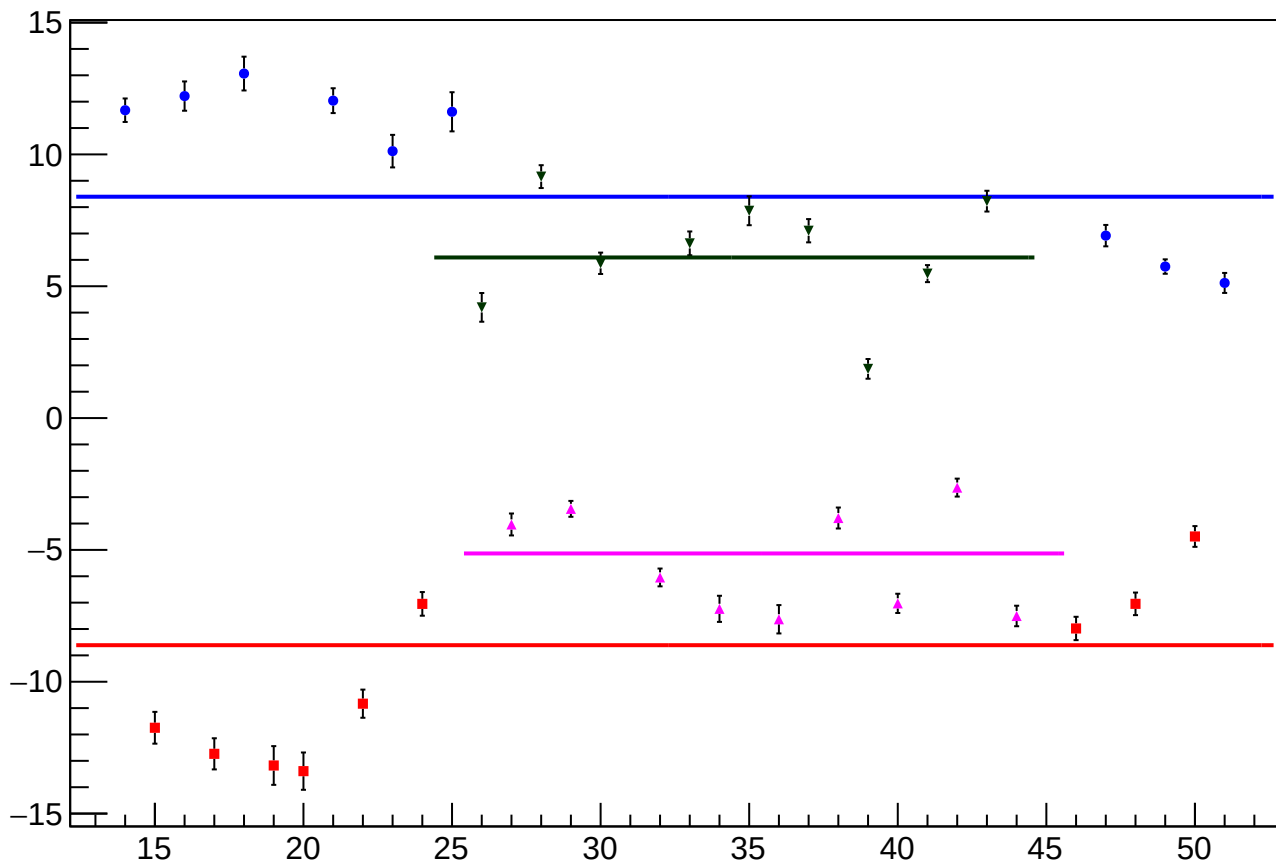
Left Out: -27.895 $\pm$ 0.187 χ^2 /NDF: 907.7/8

Right Out: 34.637 $\pm$ 0.220 χ^2 /NDF: 780.0/8

Left In: 27.002 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-2.105 $\pm$ 0.095 χ^2 /NDF: 116744.4/35

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 8.395 ± 0.147 χ^2/NDF : 422.2/8

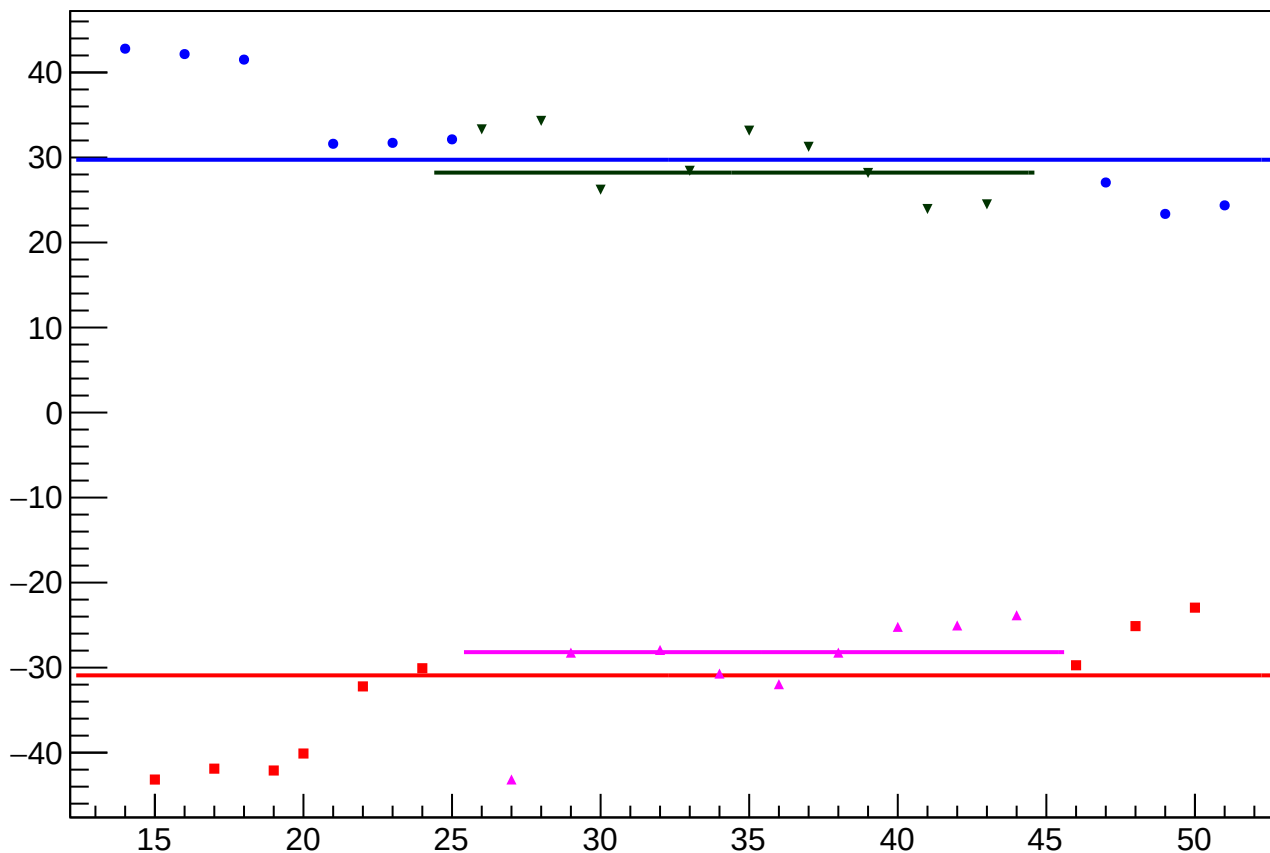
Left Out: 6.091 ± 0.140 χ^2/NDF : 240.2/8

Right Out: -8.614 ± 0.169 χ^2/NDF : 314.6/8

Left In: -5.135 ± 0.127 χ^2/NDF : 214.5/8

0.405 ± 0.072 χ^2/NDF : 10541.0/35

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 29.733+/-0.035 χ^2/NDF : 38840.1/8

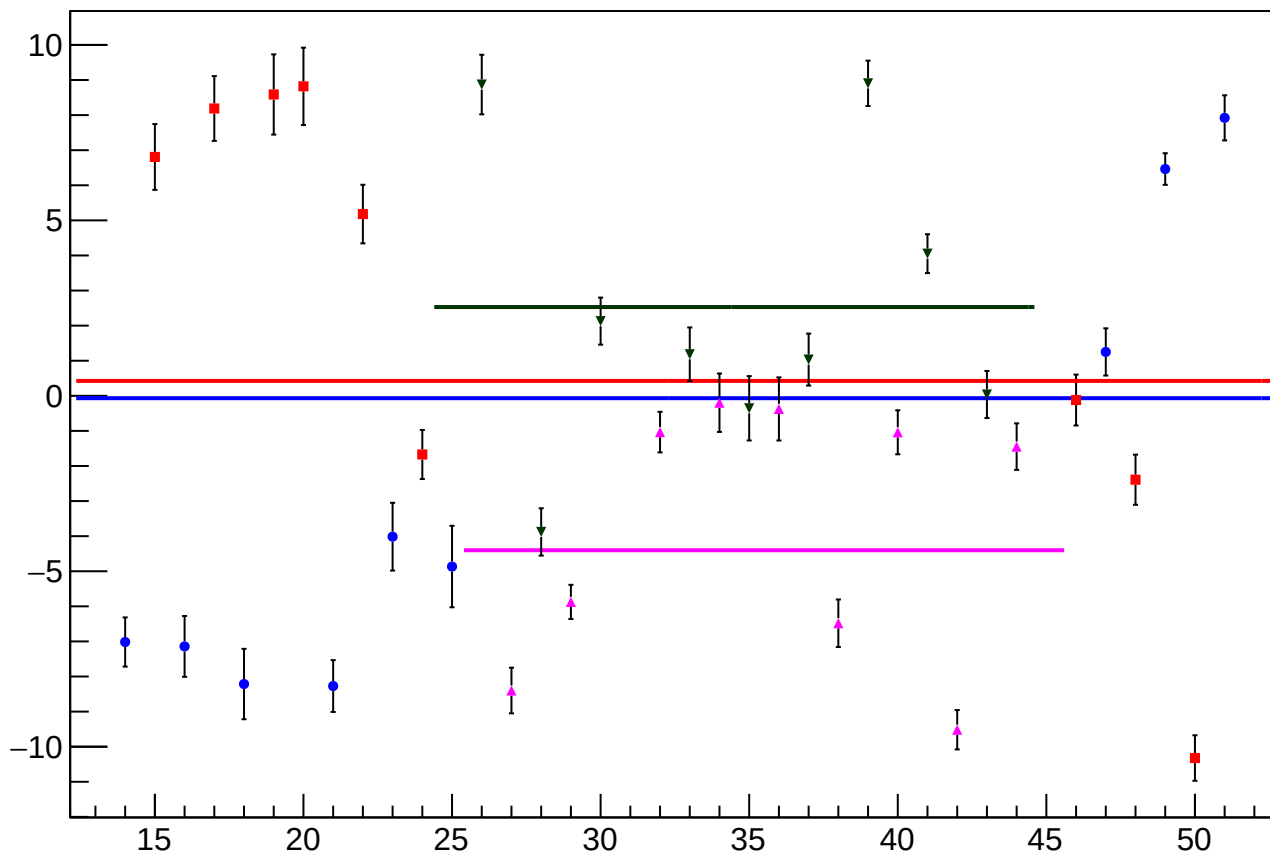
Left Out: 28.221+/-0.031 χ^2/NDF : 13048.6/8

Right Out: -30.911+/-0.040 χ^2/NDF : 28184.6/8

Left In: -28.180+/-0.029 χ^2/NDF : 23006.0/8

0.166+/-0.017 χ^2/NDF : 3164850.7/35

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: -0.068 ± 0.239 χ^2/NDF : 756.4/8

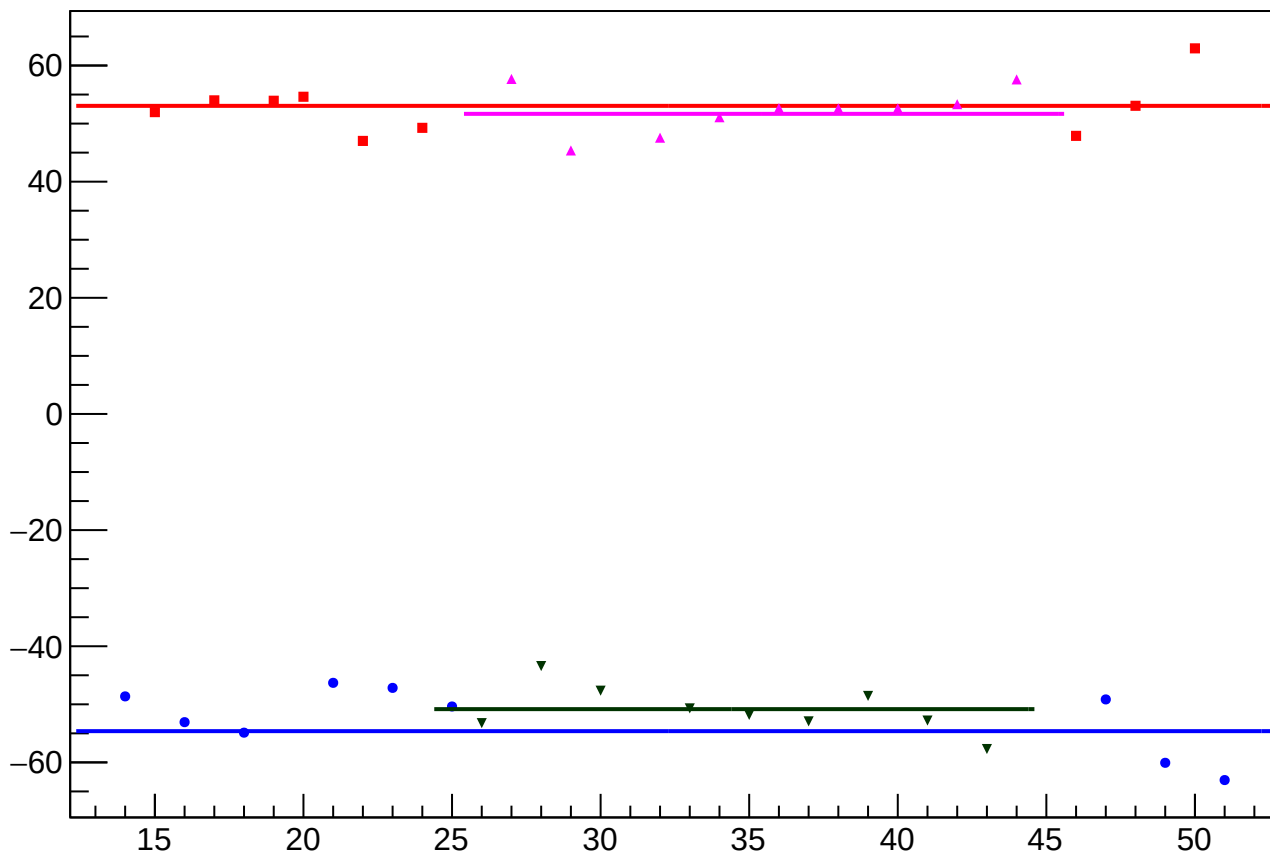
Left Out: 2.530 ± 0.233 χ^2/NDF : 282.1/8

Right Out: 0.425 ± 0.271 χ^2/NDF : 557.8/8

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

-0.660 ± 0.118 χ^2/NDF : 2387.0/35

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -54.619 $\pm$ 0.045 χ^2 /NDF: 16566.5/8

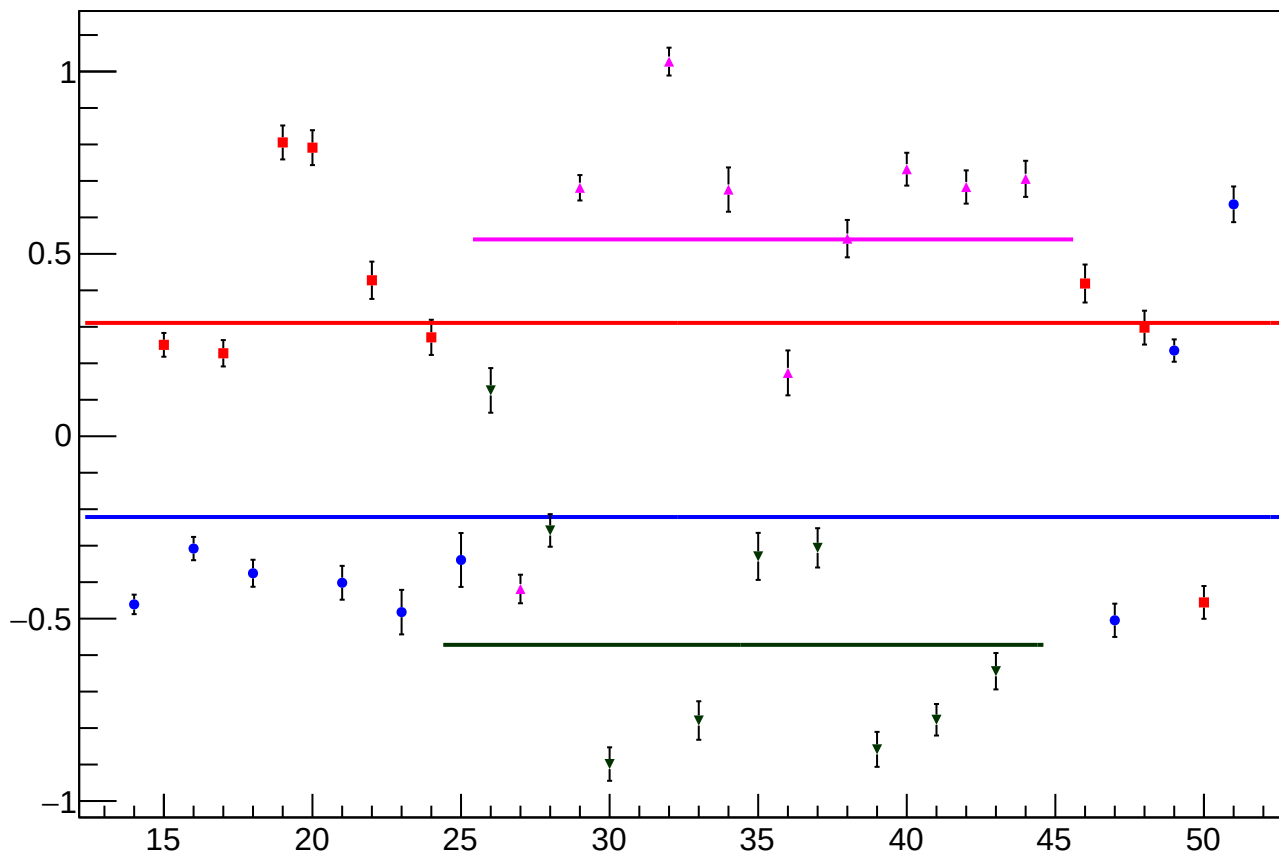
Left Out: -50.829 $\pm$ 0.043 χ^2 /NDF: 8463.4/8

Right Out: 53.055 $\pm$ 0.049 χ^2 /NDF: 11197.0/8

Left In: 51.678 $\pm$ 0.043 χ^2 /NDF: 8311.2/8

-2.595 $\pm$ 0.022 χ^2 /NDF: 5557037.4/35

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.221 ± 0.013 $\chi^2/\text{NDF}: 708.4/8$

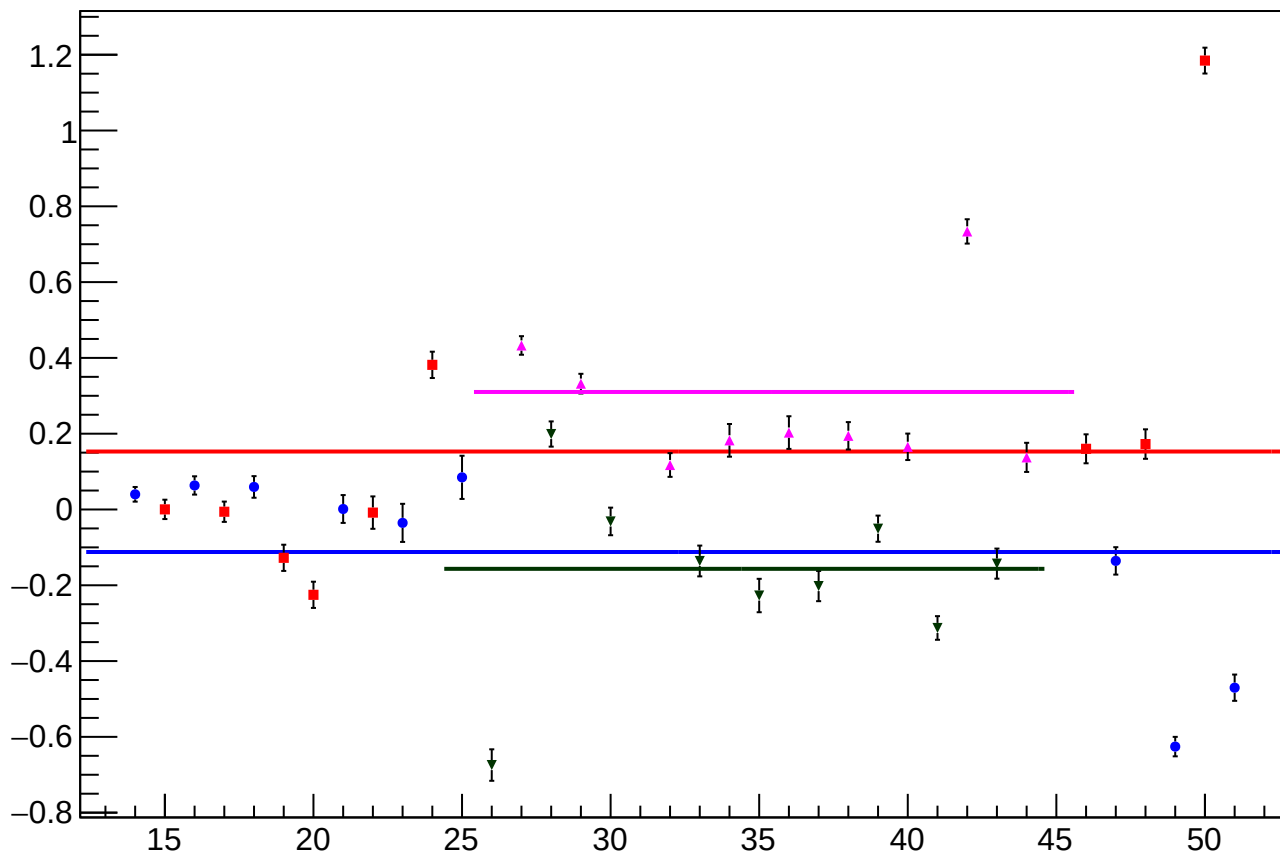
Left Out: -0.572 ± 0.017 $\chi^2/\text{NDF}: 344.3/8$

Right Out: 0.311 ± 0.015 $\chi^2/\text{NDF}: 523.5/8$

Left In: 0.540 ± 0.015 $\chi^2/\text{NDF}: 857.8/8$

0.028 ± 0.007 $\chi^2/\text{NDF}: 5634.1/35$

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.112 ± 0.010 χ^2/NDF : 681.6/8

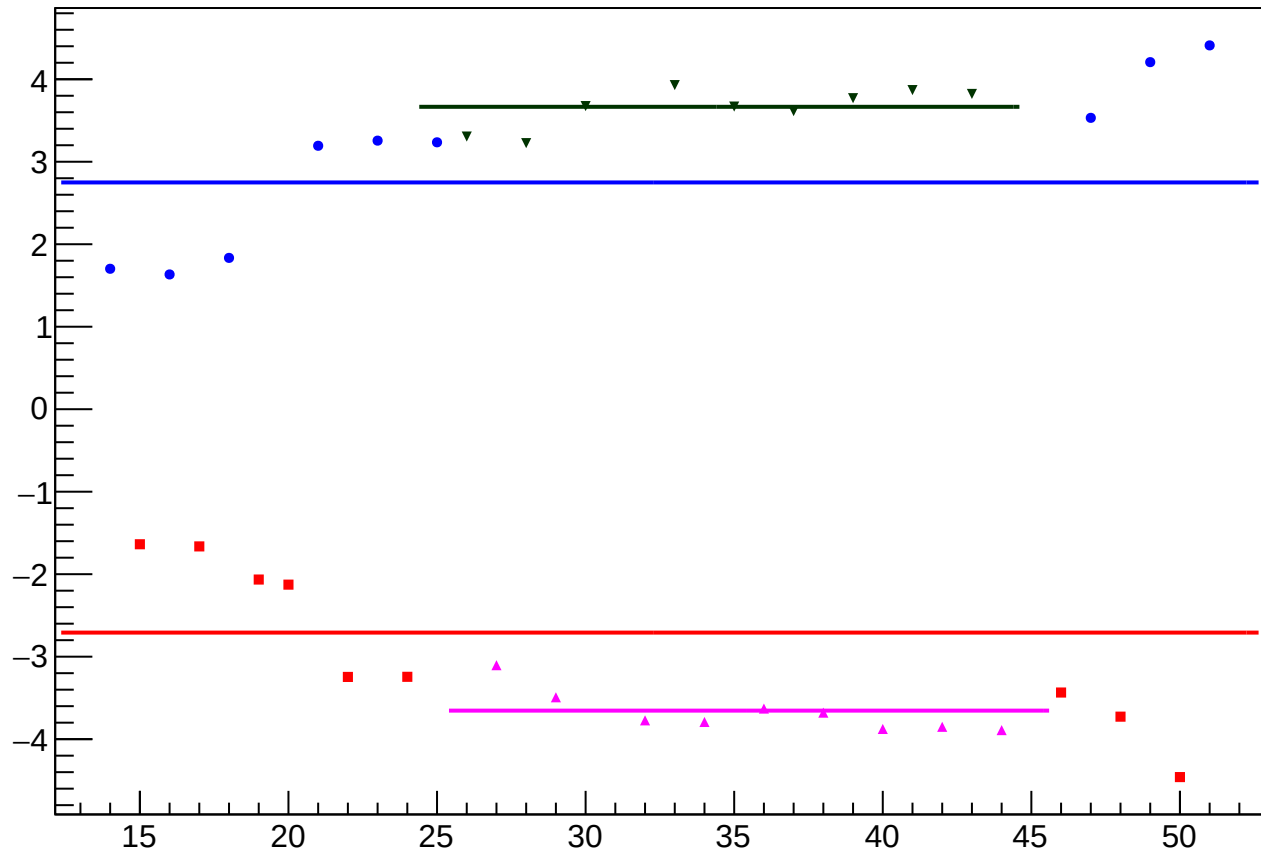
Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

Right Out: 0.153 ± 0.011 χ^2/NDF : 1228.5/8

Left In: 0.310 ± 0.011 χ^2/NDF : 300.2/8

0.052 ± 0.005 χ^2/NDF : 3734.5/35

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.749+/-0.002 χ^2/NDF : 195873.3/8

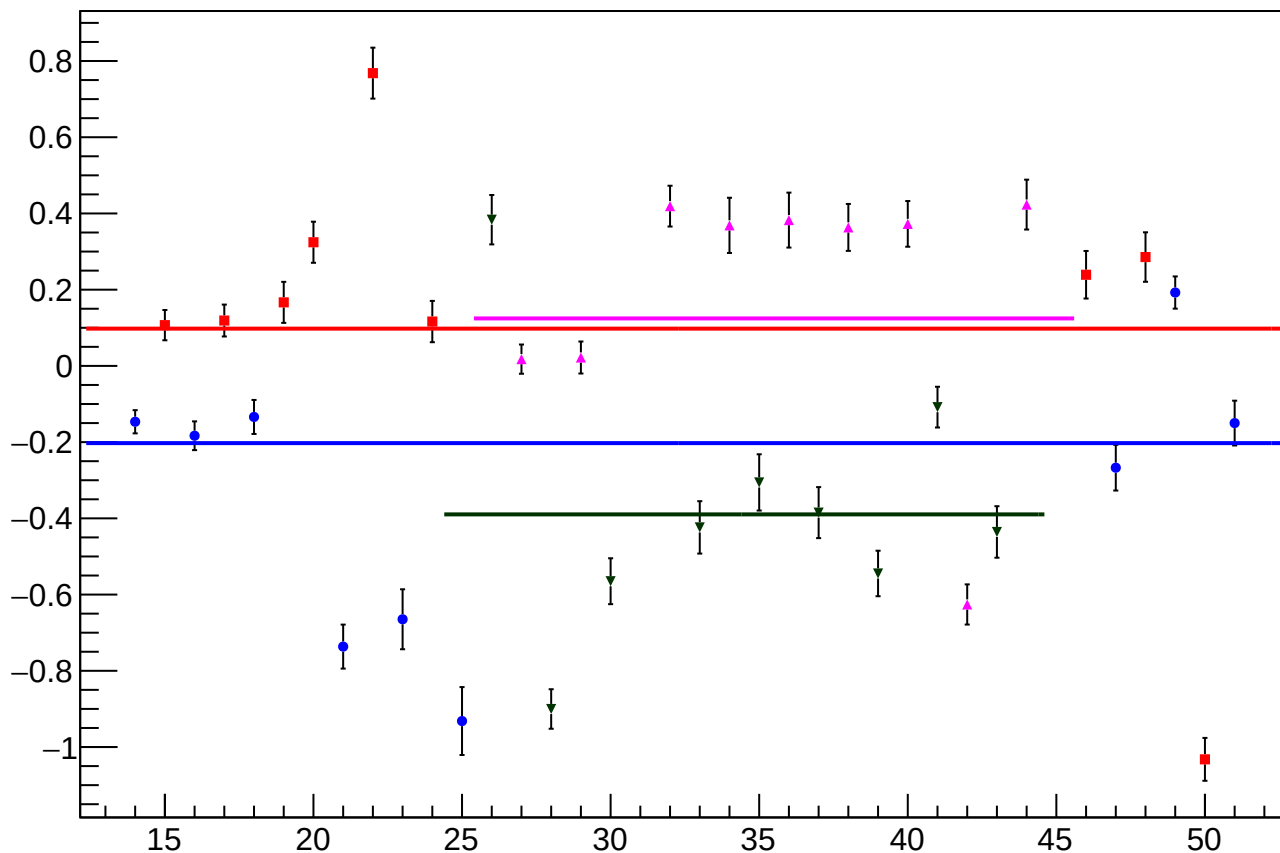
Left Out: 3.666+/-0.003 χ^2/NDF : 6812.1/8

0.007+/-0.001 χ^2/NDF : 6341355.7/35

Right Out: -2.708+/-0.003 χ^2/NDF : 131584.3/8

Left In: -3.654+/-0.003 χ^2/NDF : 9614.0/8

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.203 ± 0.016 $\chi^2/\text{NDF}: 282.4/8$

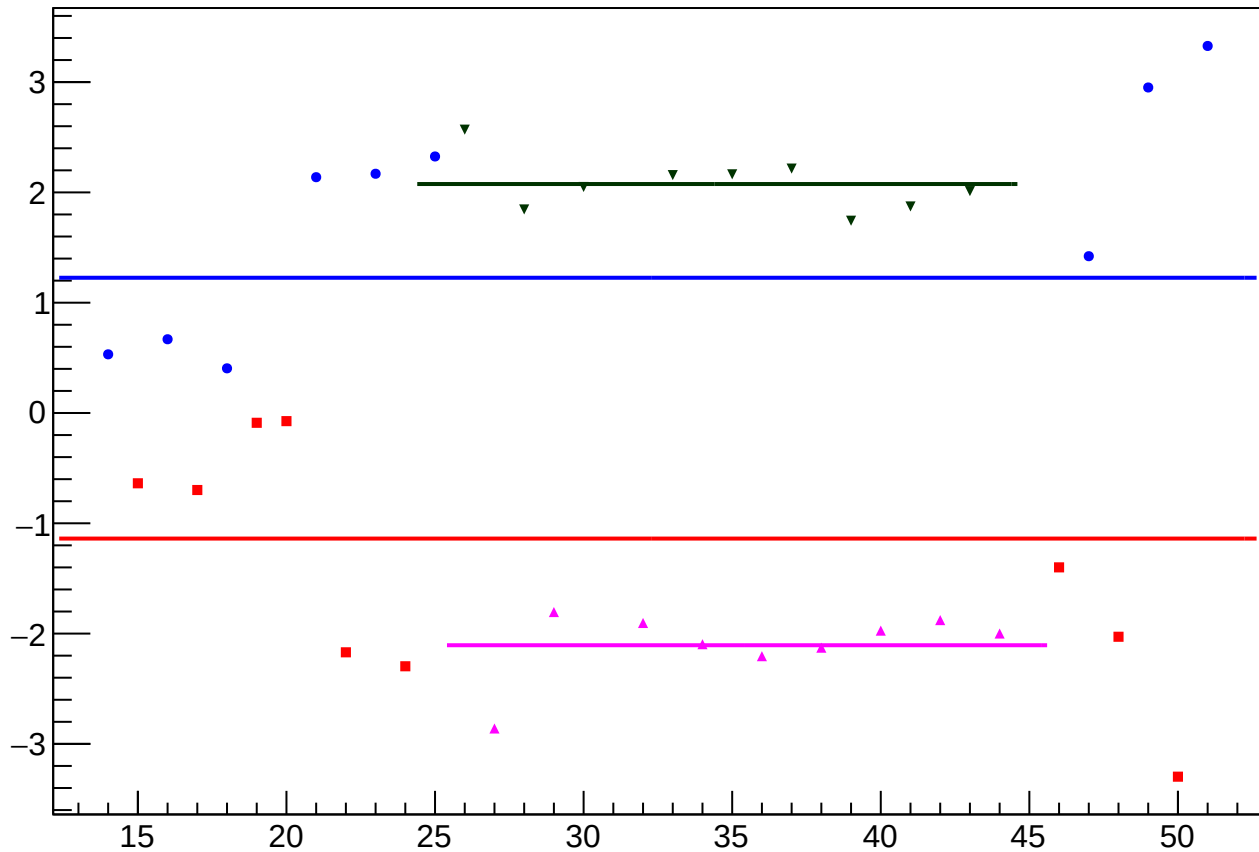
Left Out: -0.390 ± 0.021 $\chi^2/\text{NDF}: 284.3/8$

Right Out: 0.098 ± 0.017 $\chi^2/\text{NDF}: 537.2/8$

Left In: 0.125 ± 0.018 $\chi^2/\text{NDF}: 323.9/8$

-0.080 ± 0.009 $\chi^2/\text{NDF}: 1947.3/35$

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.226 $\pm$ 0.003 χ^2 /NDF: 133200.3/8

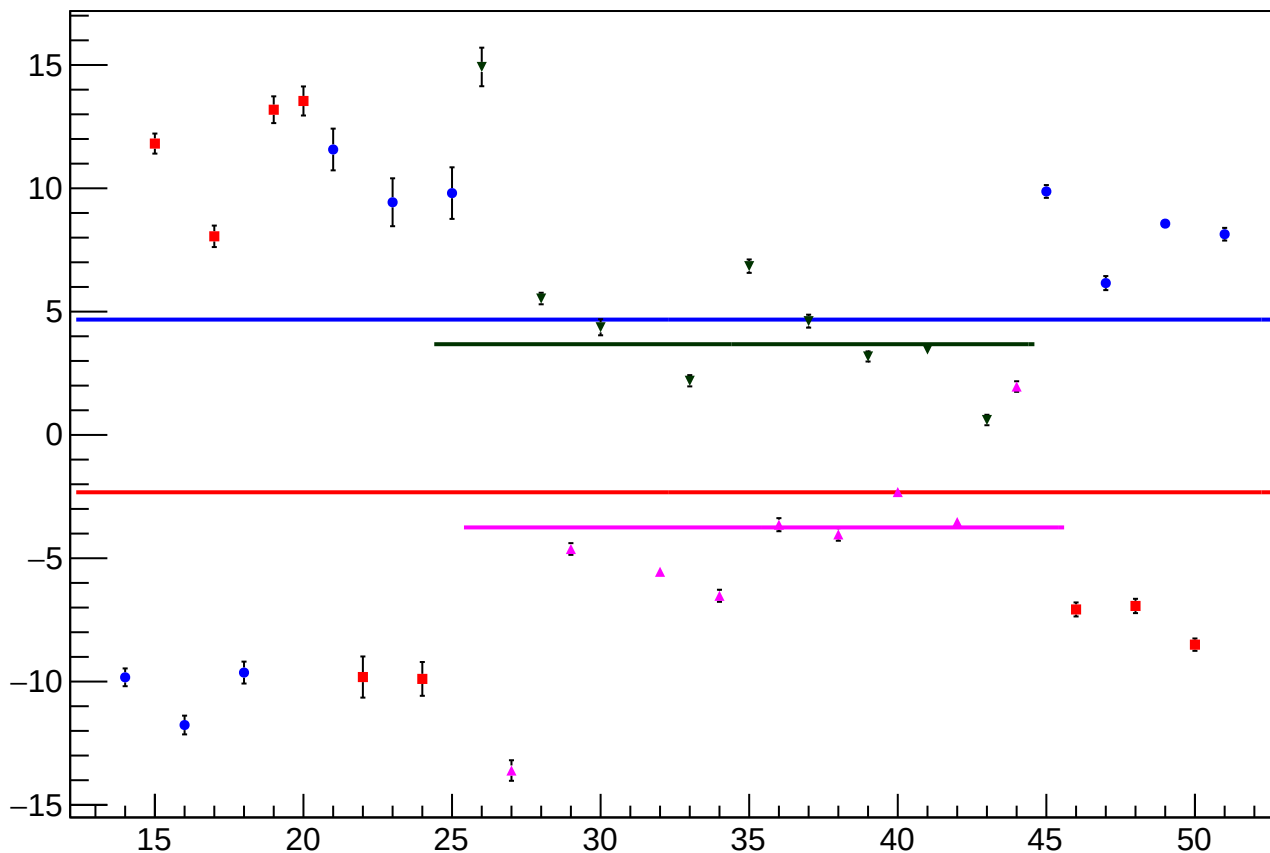
Left Out: 2.076 $\pm$ 0.004 χ^2 /NDF: 4099.9/8

0.084 $\pm$ 0.002 χ^2 /NDF: 1207702.7/35

Right Out: -1.139 $\pm$ 0.003 χ^2 /NDF: 111832.9/8

Left In: -2.106 $\pm$ 0.004 χ^2 /NDF: 7840.2/8

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 4.677 $\pm$ 0.101 χ^2 /NDF: 5757.0/9

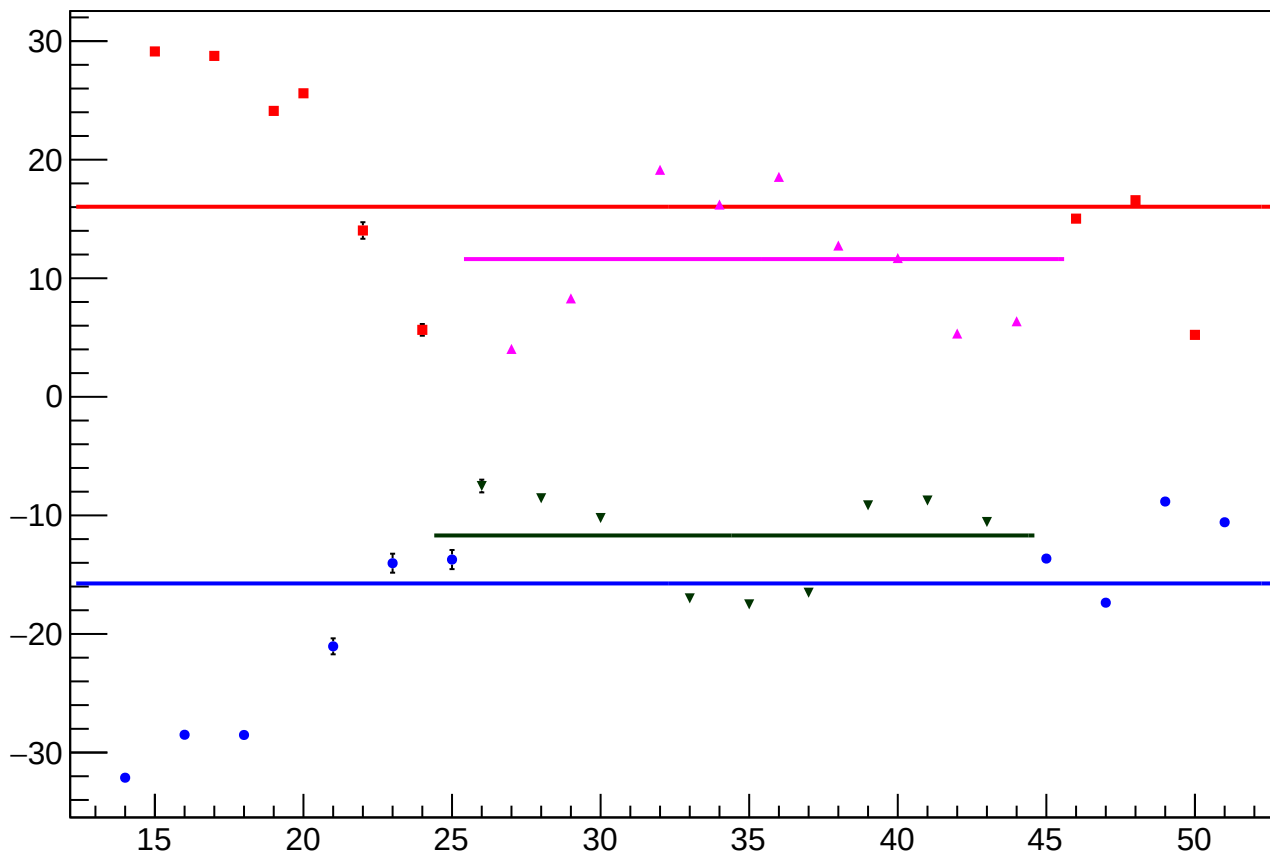
Left Out: 3.679 $\pm$ 0.081 χ^2 /NDF: 680.5/8

0.494 $\pm$ 0.045 χ^2 /NDF: 19511.0/36

Right Out: -2.325 $\pm$ 0.128 χ^2 /NDF: 4660.7/8

Left In: -3.750 $\pm$ 0.076 χ^2 /NDF: 1559.7/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -15.740 ± 0.078 $\chi^2/\text{NDF}: 10581.0/9$

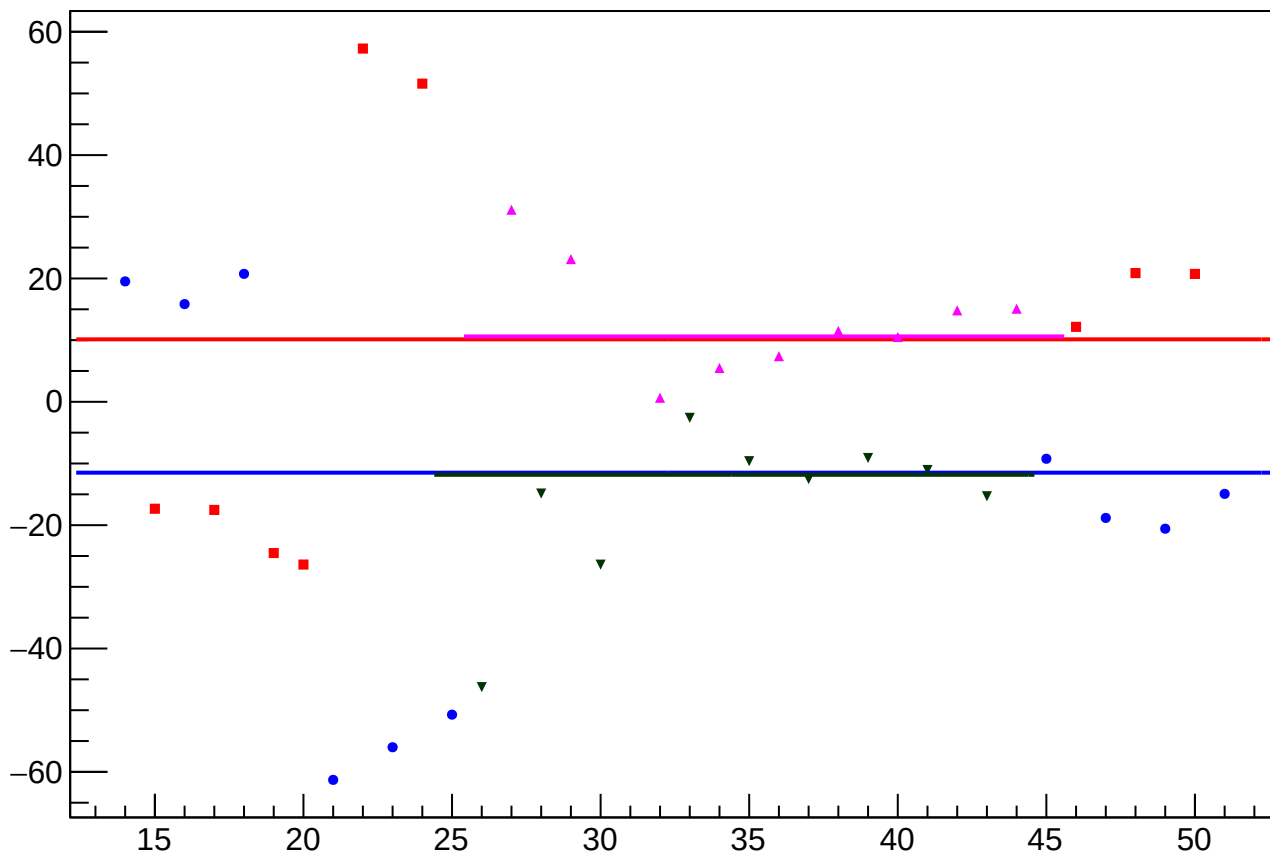
Left Out: -11.693 ± 0.060 $\chi^2/\text{NDF}: 3755.5/8$

Right Out: 16.032 ± 0.098 $\chi^2/\text{NDF}: 7803.6/8$

Left In: 11.617 ± 0.057 $\chi^2/\text{NDF}: 8593.0/8$

-0.646 ± 0.034 $\chi^2/\text{NDF}: 178342.8/36$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -11.487 ± 0.019 χ^2/NDF : 795050.9/9

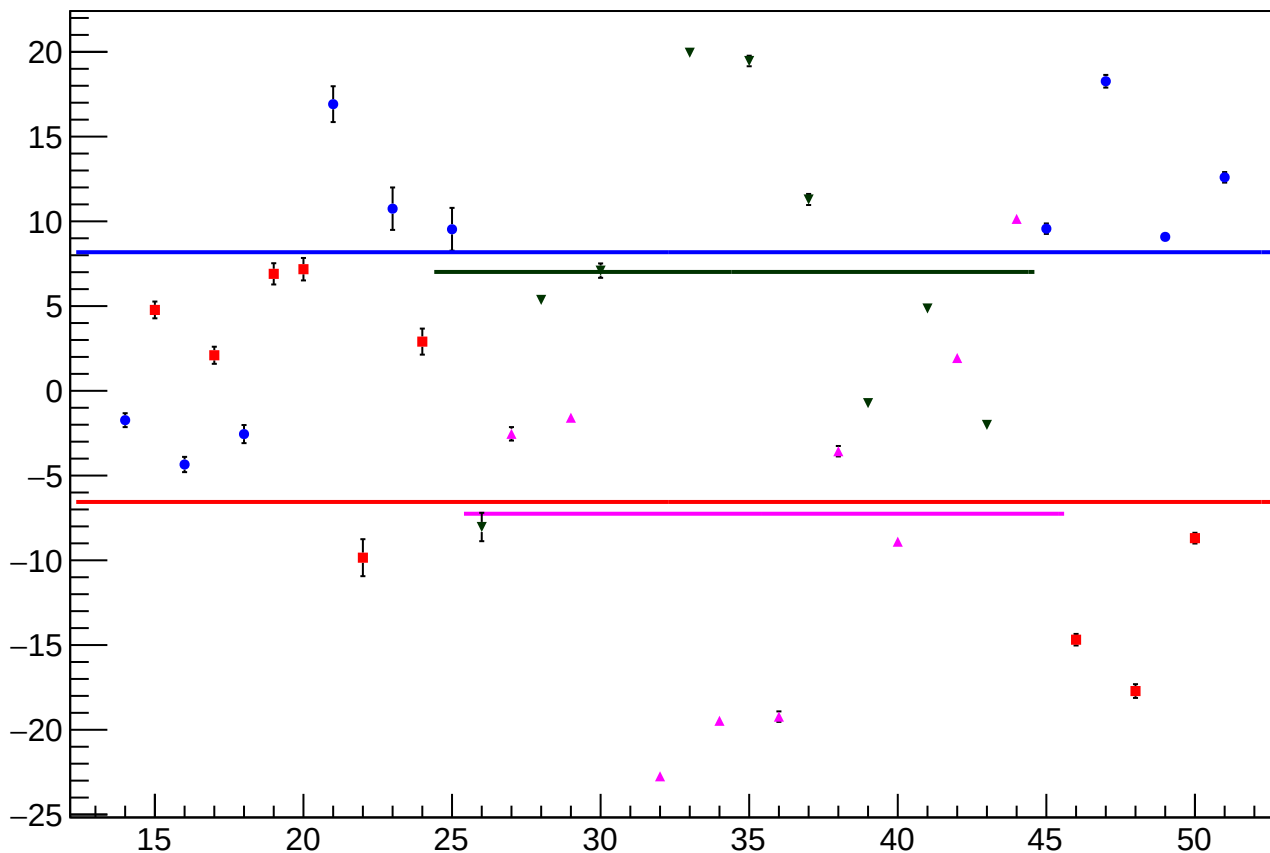
Left Out: -11.832 ± 0.014 χ^2/NDF : 233309.0/8

Right Out: 10.129 ± 0.023 χ^2/NDF : 733492.1/8

Left In: 10.602 ± 0.013 χ^2/NDF : 320496.8/8

-0.921 ± 0.008 χ^2/NDF : 4094238.8/36

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 8.179 ± 0.127 $\chi^2/\text{NDF}: 2794.2/9$

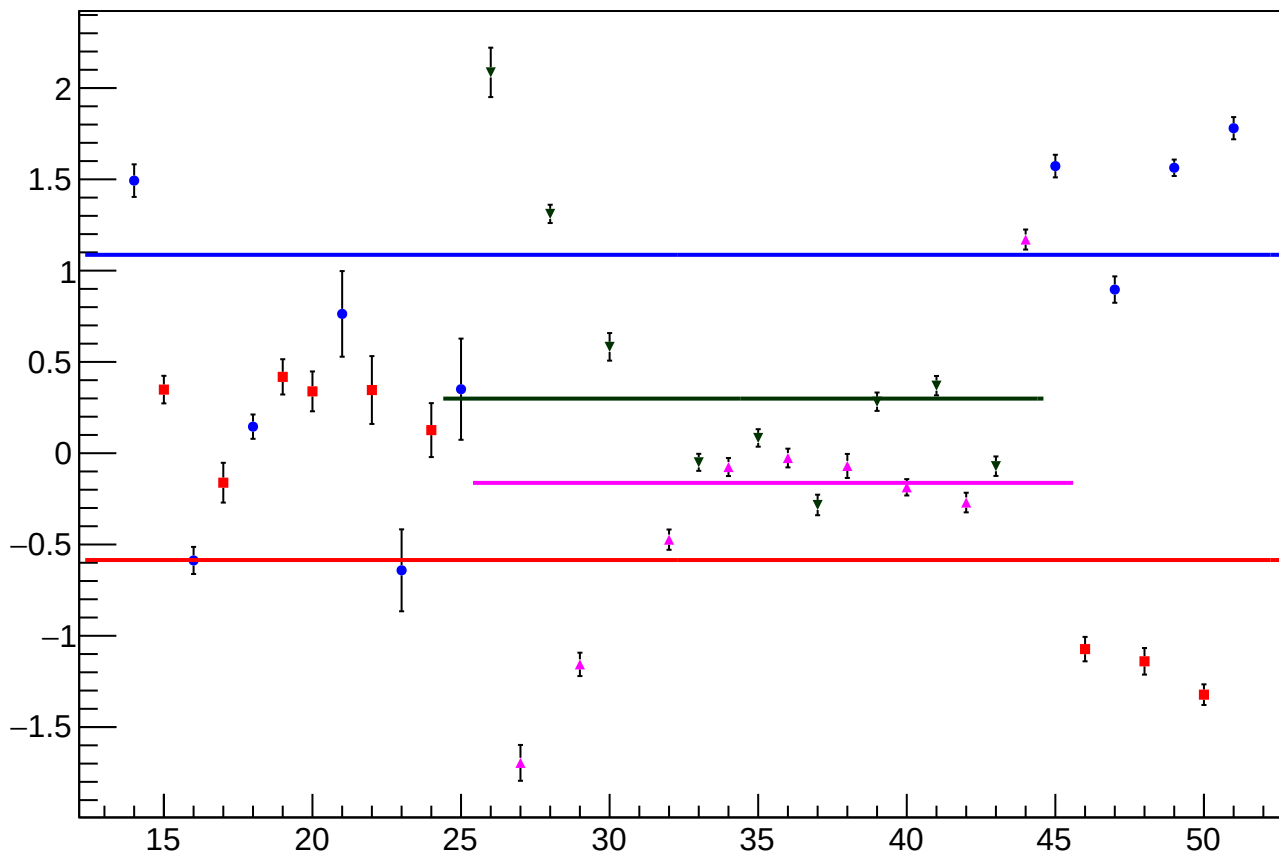
Left Out: 7.015 ± 0.101 $\chi^2/\text{NDF}: 6009.5/8$

Right Out: -6.557 ± 0.158 $\chi^2/\text{NDF}: 3241.2/8$

Left In: -7.253 ± 0.095 $\chi^2/\text{NDF}: 12650.2/8$

0.404 ± 0.057 $\chi^2/\text{NDF}: 41219.2/36$

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.087 ± 0.024 χ^2/NDF : 1107.9/9

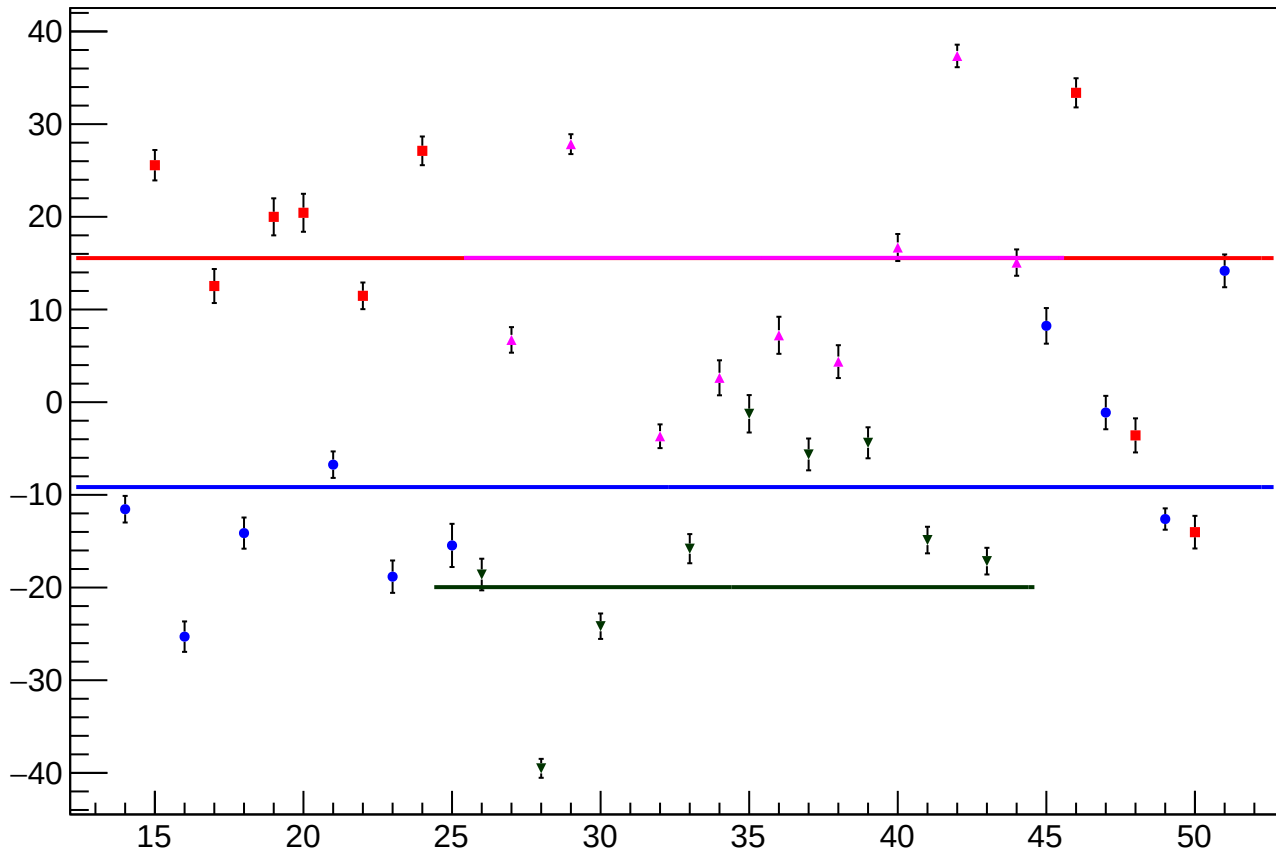
Left Out: 0.299 ± 0.018 χ^2/NDF : 829.4/8

Right Out: -0.585 ± 0.028 χ^2/NDF : 677.1/8

Left In: -0.163 ± 0.019 χ^2/NDF : 1123.4/8

0.185 ± 0.011 χ^2/NDF : 6328.6/36

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -9.160+/-0.509 χ^2/NDF : 433.7/9

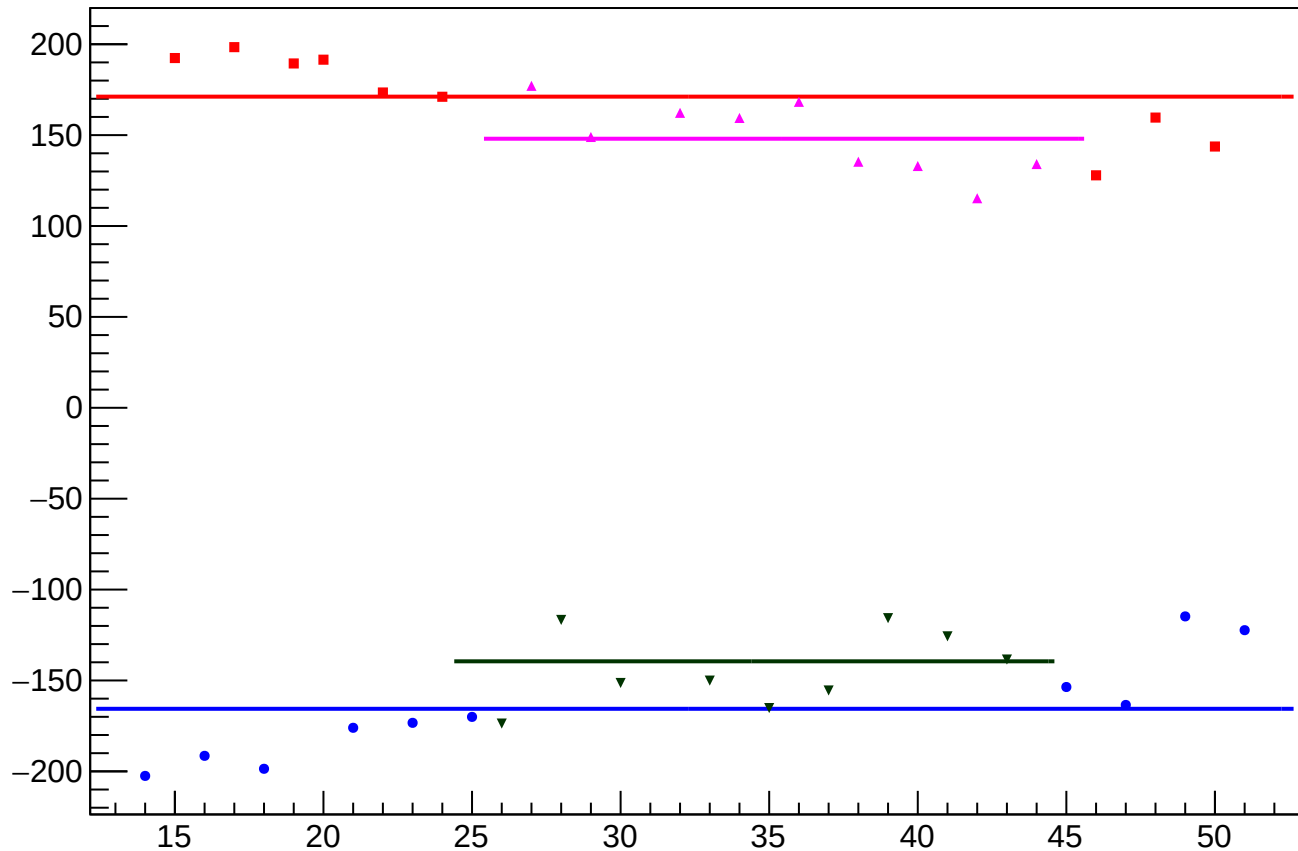
Left Out: -19.957+/-0.491 χ^2/NDF : 641.8/8

Right Out: 15.545+/-0.570 χ^2/NDF : 633.0/8

Left In: 15.574+/-0.472 χ^2/NDF : 824.1/8

-0.019+/-0.253 χ^2/NDF : 6343.5/36

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -165.588+/-0.398 χ^2/NDF : 6196.5/9

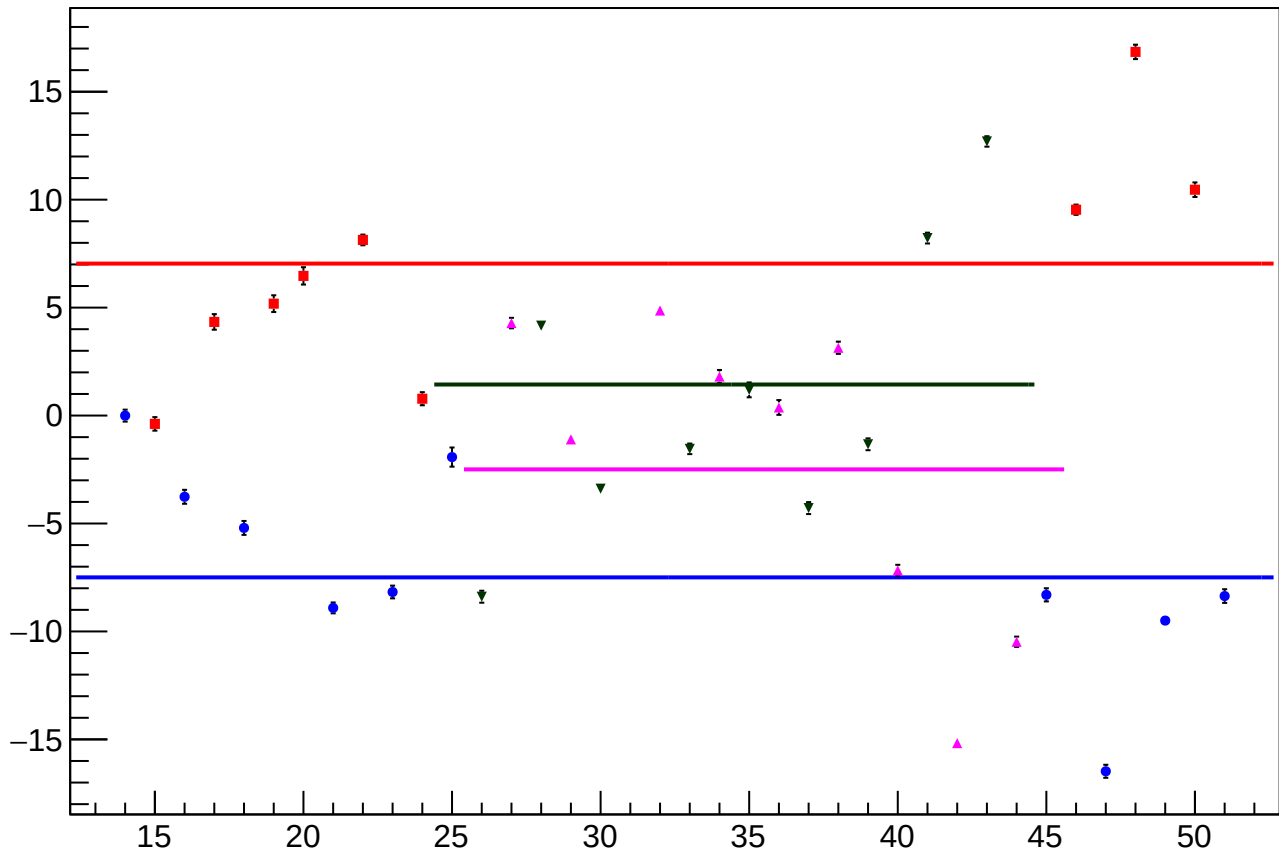
Left Out: -139.468+/-0.373 χ^2/NDF : 2867.0/8

Right Out: 171.168+/-0.441 χ^2/NDF : 2641.9/8

Left In: 148.012+/-0.348 χ^2/NDF : 3260.5/8

1.886+/-0.193 χ^2/NDF : 660129.3/36

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -7.496 ± 0.093 $\chi^2/\text{NDF}: 2082.4/9$

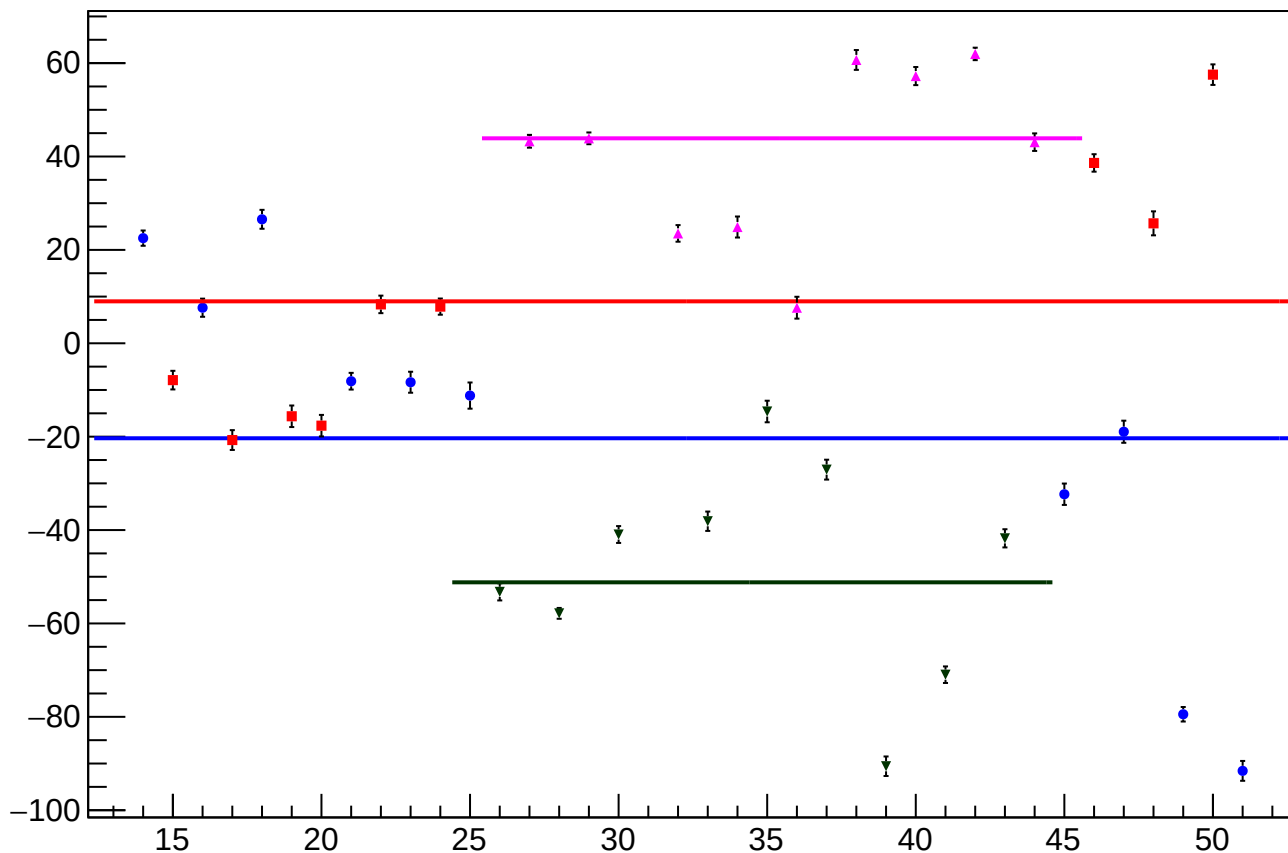
Left Out: 1.438 ± 0.083 $\chi^2/\text{NDF}: 5473.4/8$

Right Out: 7.039 ± 0.104 $\chi^2/\text{NDF}: 2157.9/8$

Left In: -2.493 ± 0.081 $\chi^2/\text{NDF}: 7773.3/8$

-0.741 ± 0.045 $\chi^2/\text{NDF}: 29518.7/36$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -20.341 ± 0.629 $\chi^2/\text{NDF}: 4110.4/9$

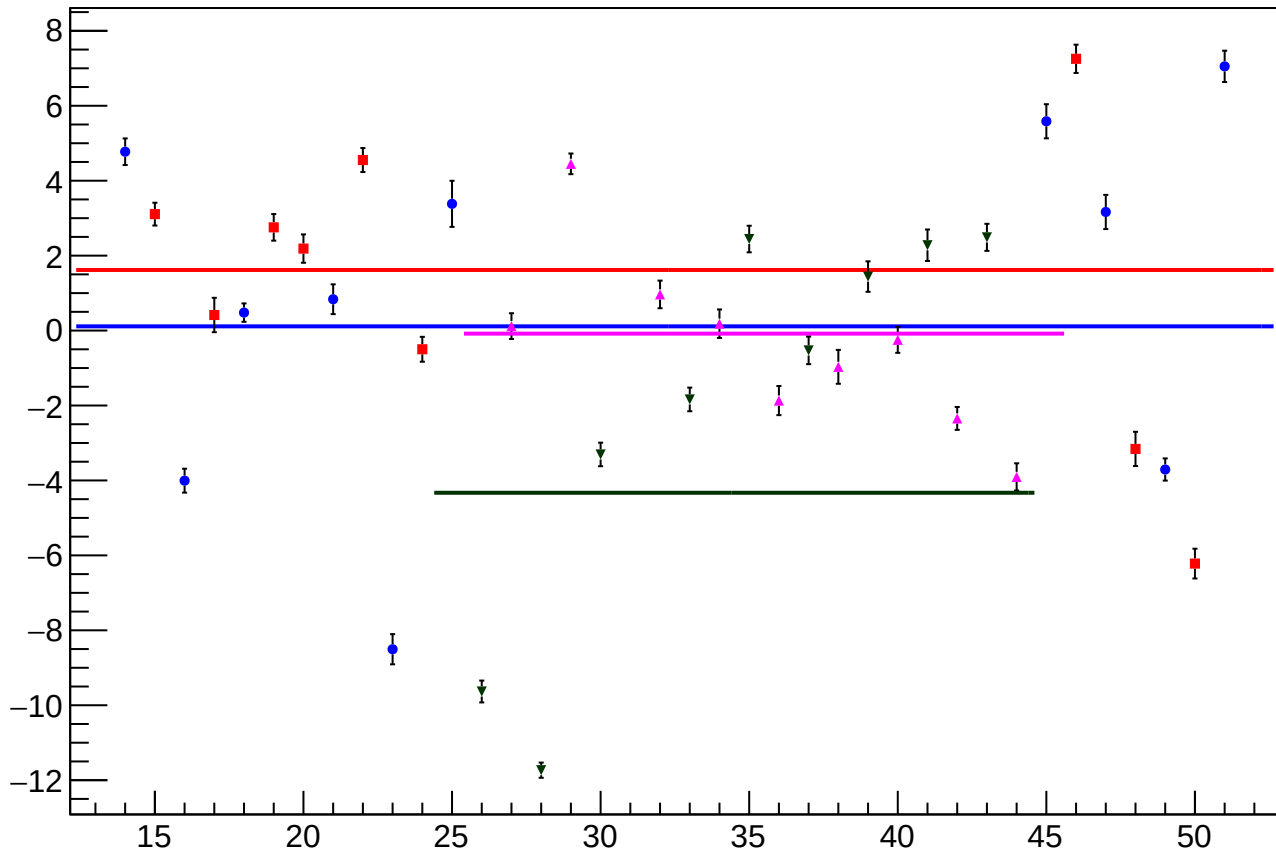
Left Out: -51.194 ± 0.598 $\chi^2/\text{NDF}: 988.3/8$

Right Out: 8.982 ± 0.688 $\chi^2/\text{NDF}: 1296.0/8$

Left In: 43.896 ± 0.560 $\chi^2/\text{NDF}: 735.5/8$

-3.353 ± 0.307 $\chi^2/\text{NDF}: 21702.2/36$

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 0.113+/-0.115 χ^2/NDF : 1461.0/9

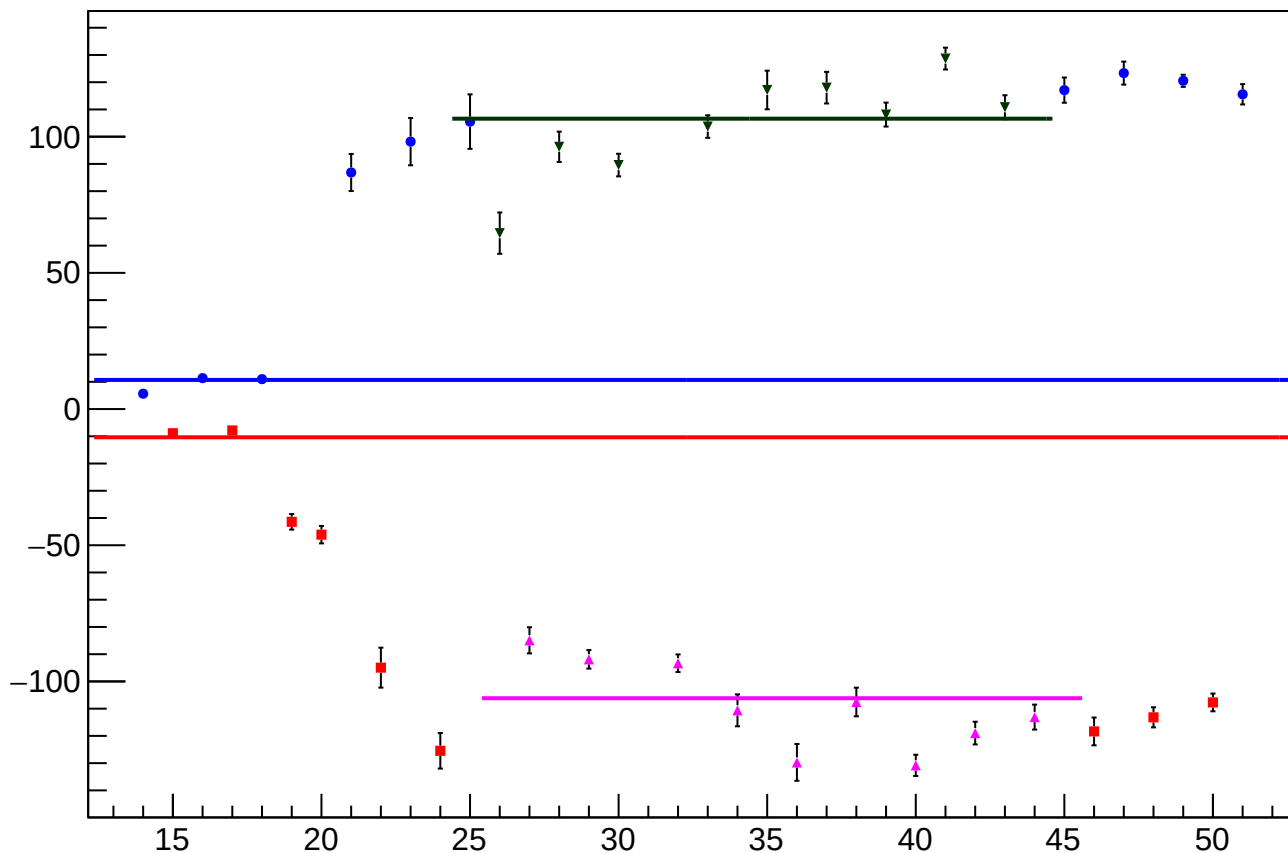
Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

Right Out: 1.618+/-0.122 χ^2/NDF : 889.4/8

Left In: -0.081+/-0.116 χ^2/NDF : 470.0/8

-0.915+/-0.057 χ^2/NDF : 7459.0/36

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 10.695 ± 0.215 χ^2/NDF : 5041.5/9

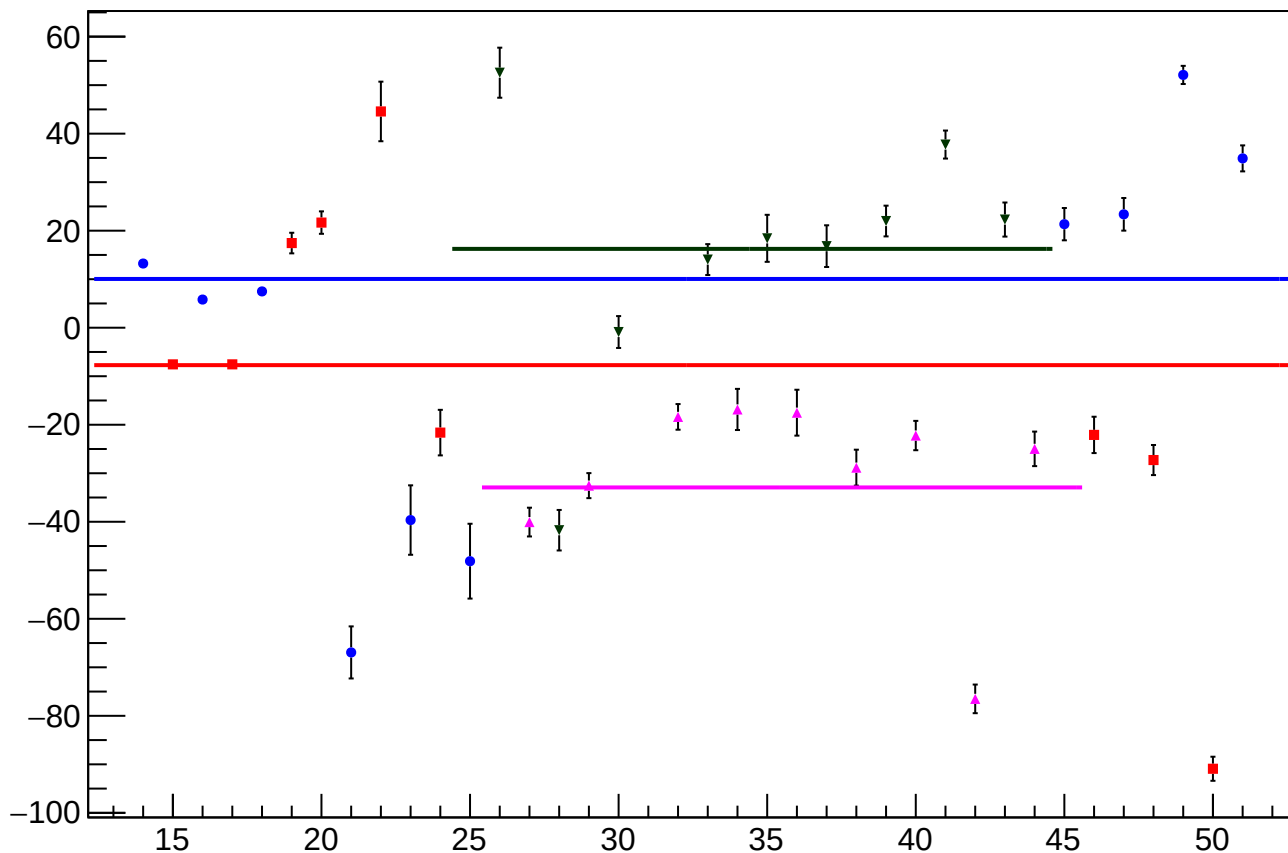
Left Out: 106.609 ± 1.619 χ^2/NDF : 89.0/8

Right Out: -10.363 ± 0.238 χ^2/NDF : 2866.3/8

Left In: -106.172 ± 1.438 χ^2/NDF : 117.6/8

0.955 ± 0.158 χ^2/NDF : 22235.3/36

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 10.050+/-0.160 χ^2/NDF : 1422.0/9

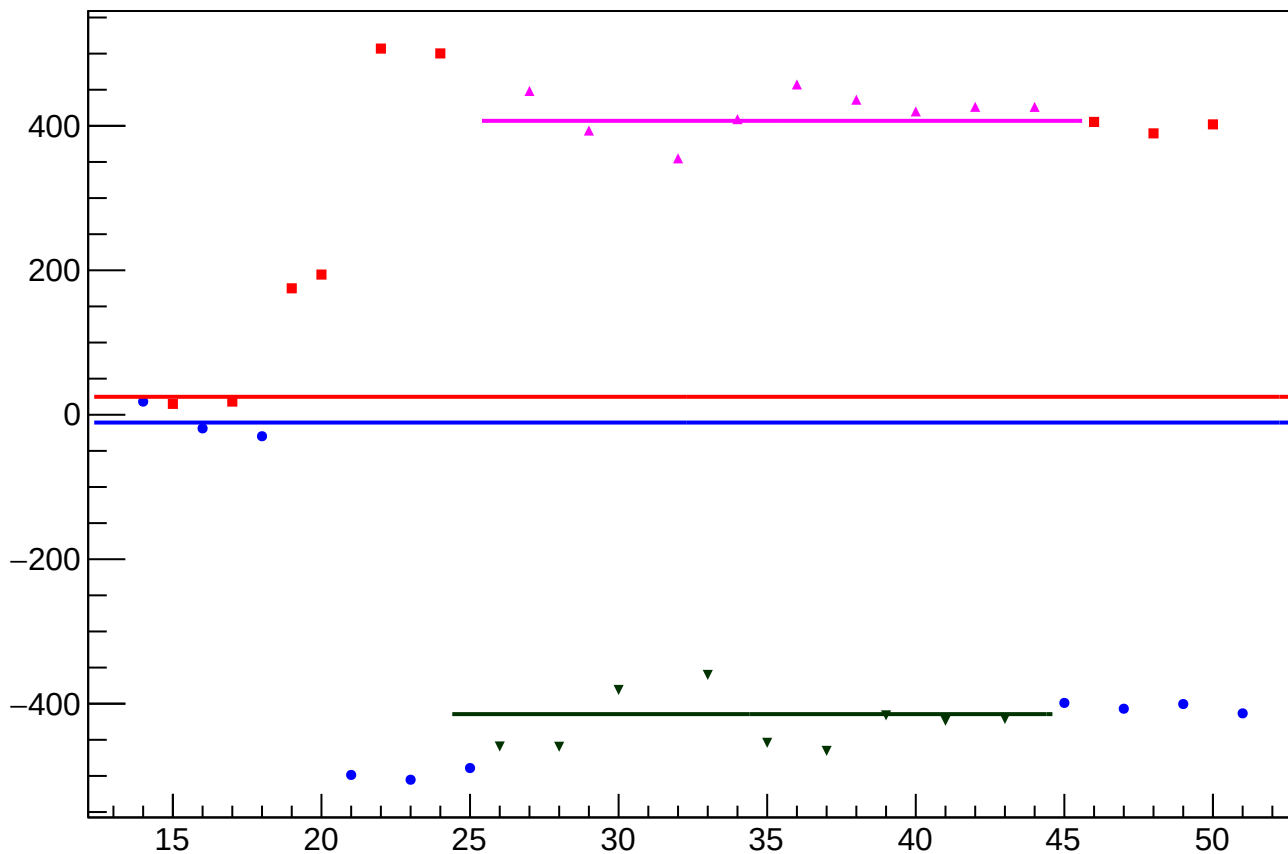
Left Out: 16.249+/-1.210 χ^2/NDF : 332.0/8

Right Out: -7.716+/-0.182 χ^2/NDF : 1562.2/8

Left In: -32.924+/-1.064 χ^2/NDF : 297.8/8

2.025+/-0.119 χ^2/NDF : 10204.1/36

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -10.778+/-0.042 χ^2/NDF : 2278188.8/9

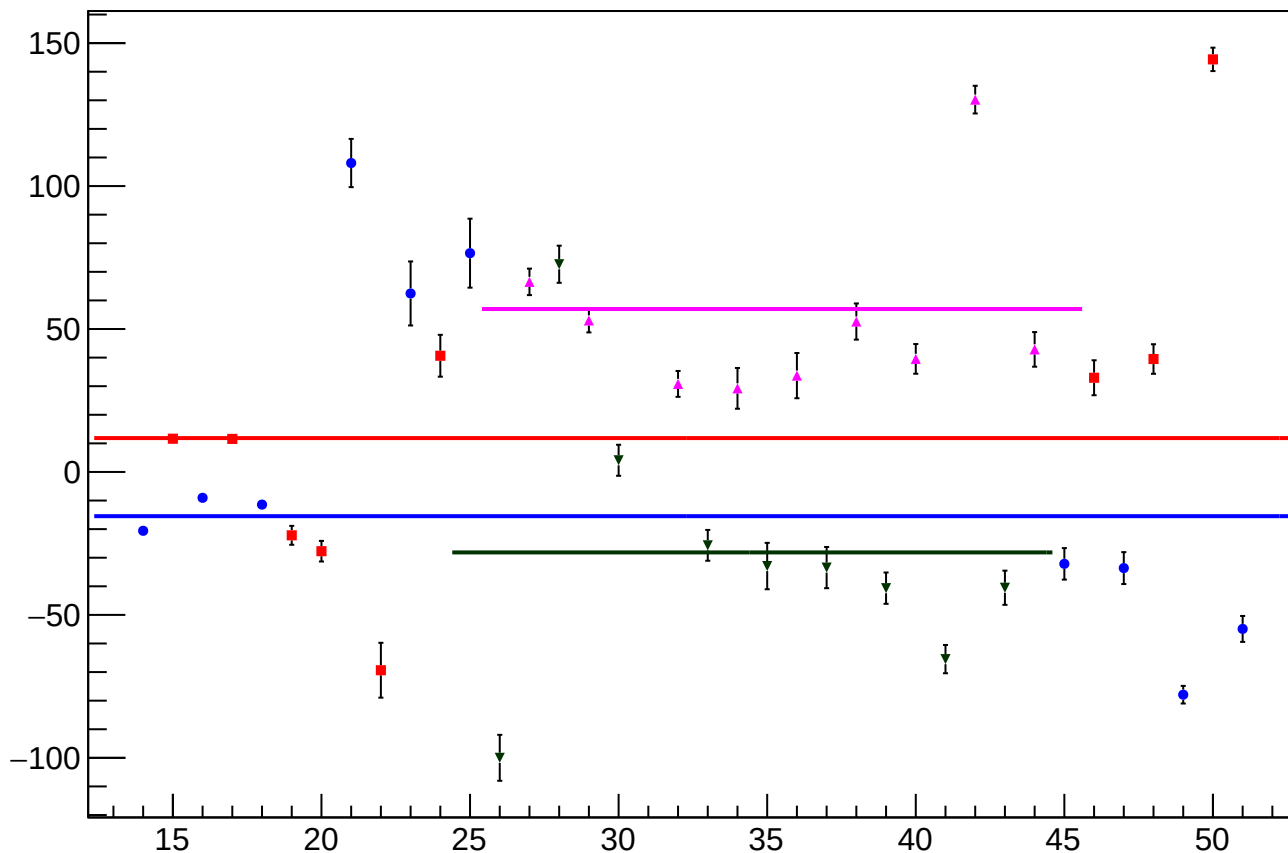
Left Out: -414.439+/-0.270 χ^2/NDF : 17107.4/8

6.165+/-0.030 χ^2/NDF : 9092188.9/36

Right Out: 24.873+/-0.046 χ^2/NDF : 1367693.6/8

Left In: 406.947+/-0.246 χ^2/NDF : 18132.7/8

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.465 ± 0.251 $\chi^2/\text{NDF}: 1312.4/9$

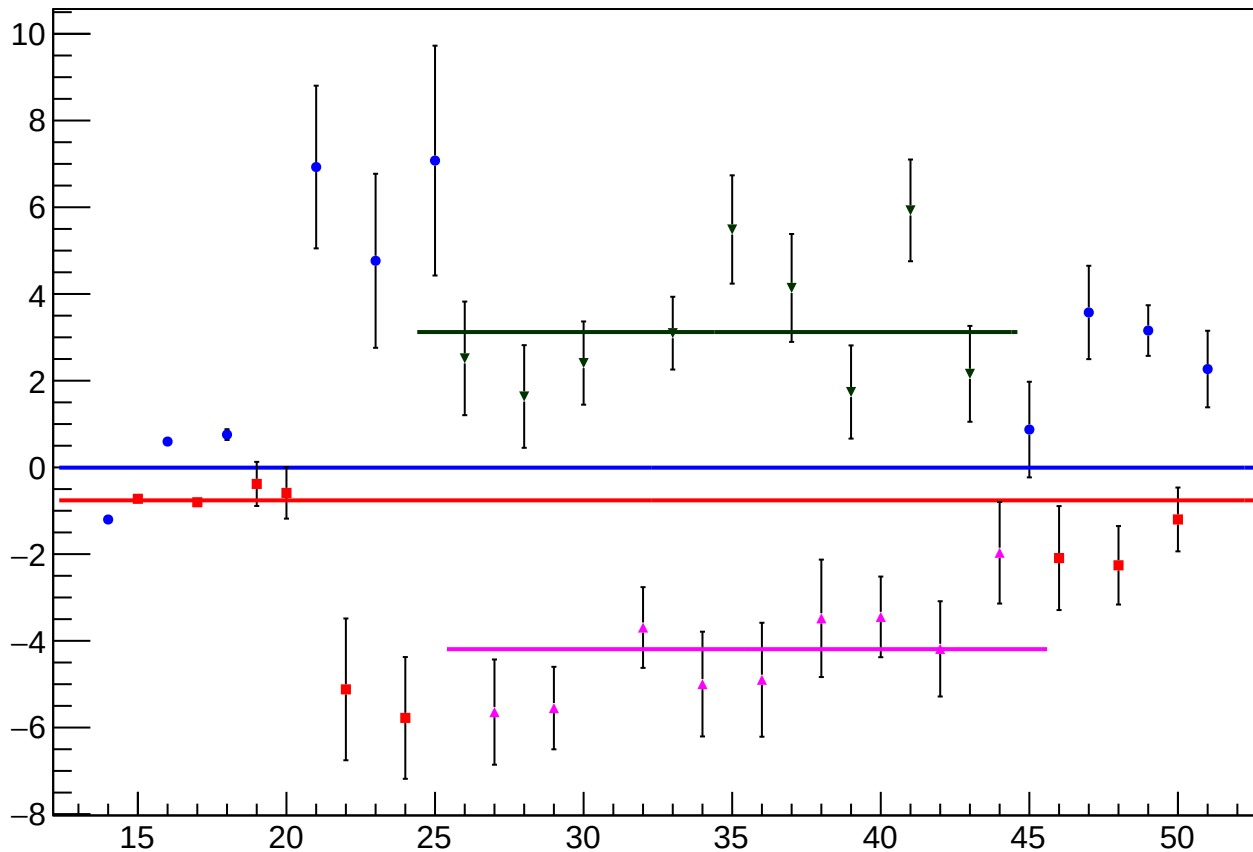
Left Out: -28.145 ± 2.024 $\chi^2/\text{NDF}: 423.8/8$

Right Out: 11.848 ± 0.284 $\chi^2/\text{NDF}: 1402.0/8$

Left In: 56.997 ± 1.767 $\chi^2/\text{NDF}: 308.5/8$

-3.051 ± 0.186 $\chi^2/\text{NDF}: 9948.9/36$

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.006 ± 0.047 χ^2/NDF : 431.9/9

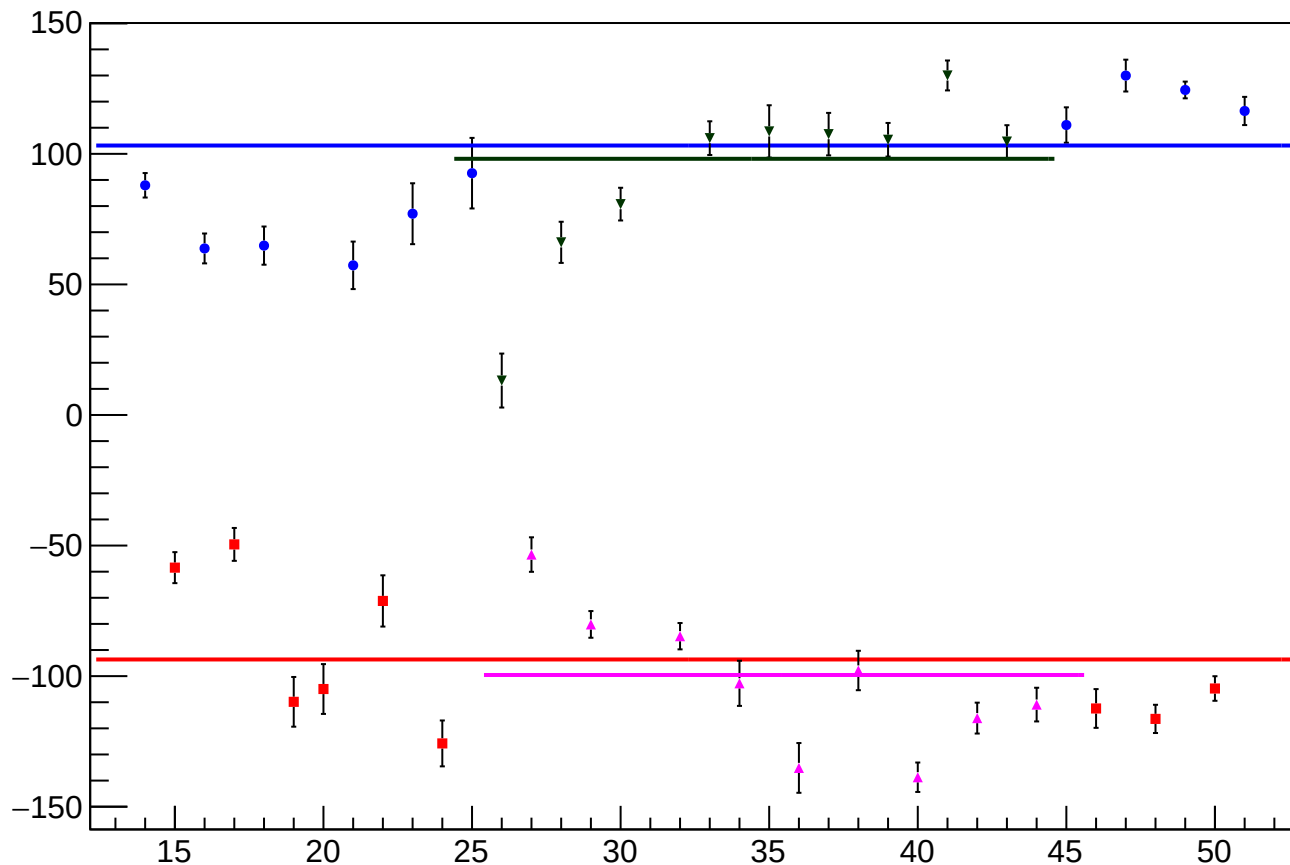
Left Out: 3.122 ± 0.365 χ^2/NDF : 14.7/8

Right Out: -0.760 ± 0.049 χ^2/NDF : 25.4/8

Left In: -4.192 ± 0.366 χ^2/NDF : 9.0/8

-0.367 ± 0.034 χ^2/NDF : 805.7/36

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 103.186 $\pm$ 1.826 χ^2 /NDF: 187.3/9

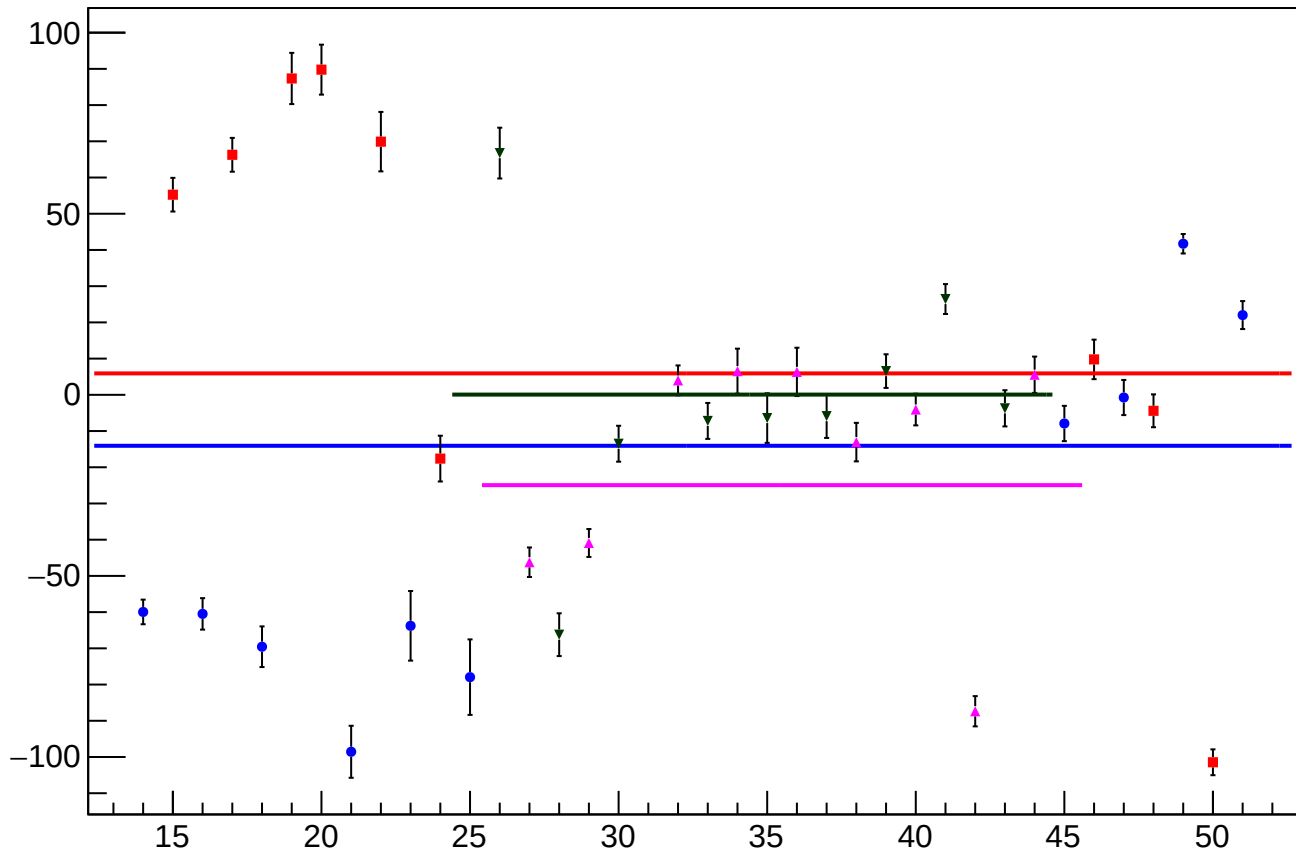
Left Out: 98.102 $\pm$ 2.356 χ^2 /NDF:129.1/8

Right Out: -93.621 $\pm$ 2.256 χ^2 /NDF: 136.7/8

Left In: -99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

8.496 $\pm$ 1.052 χ^2 /NDF: 9429.7/36

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -14.071±/1.413 χ^2/NDF : 1124.1/9

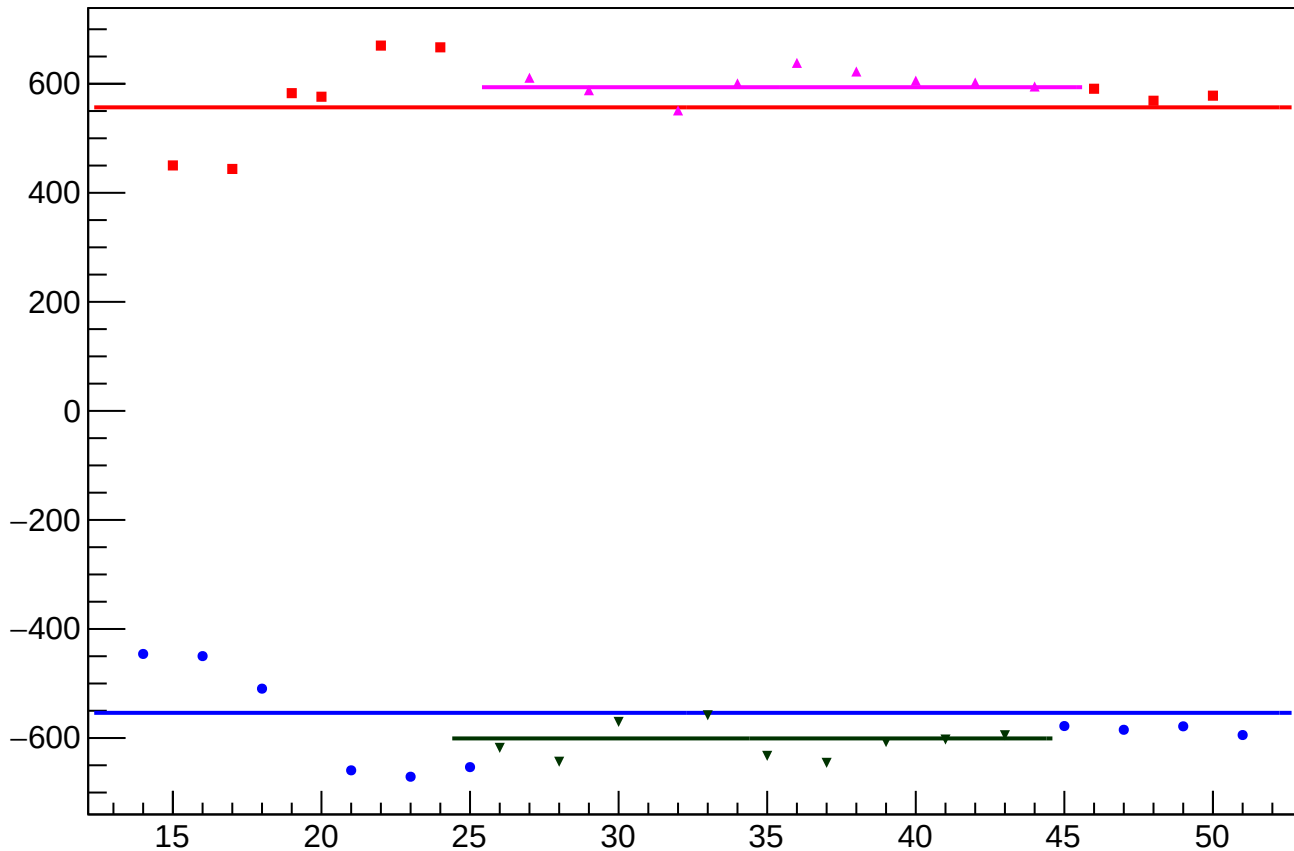
Left Out: 0.065±/1.757 χ^2/NDF : 271.1/8

-9.827±/0.796 χ^2/NDF : 3589.2/36

Right Out: 5.917±/1.731 χ^2/NDF : 1545.6/8

Left In: -24.937±/1.545 χ^2/NDF : 429.3/8

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -553.810+/-0.343 χ^2/NDF : 37745.6/9

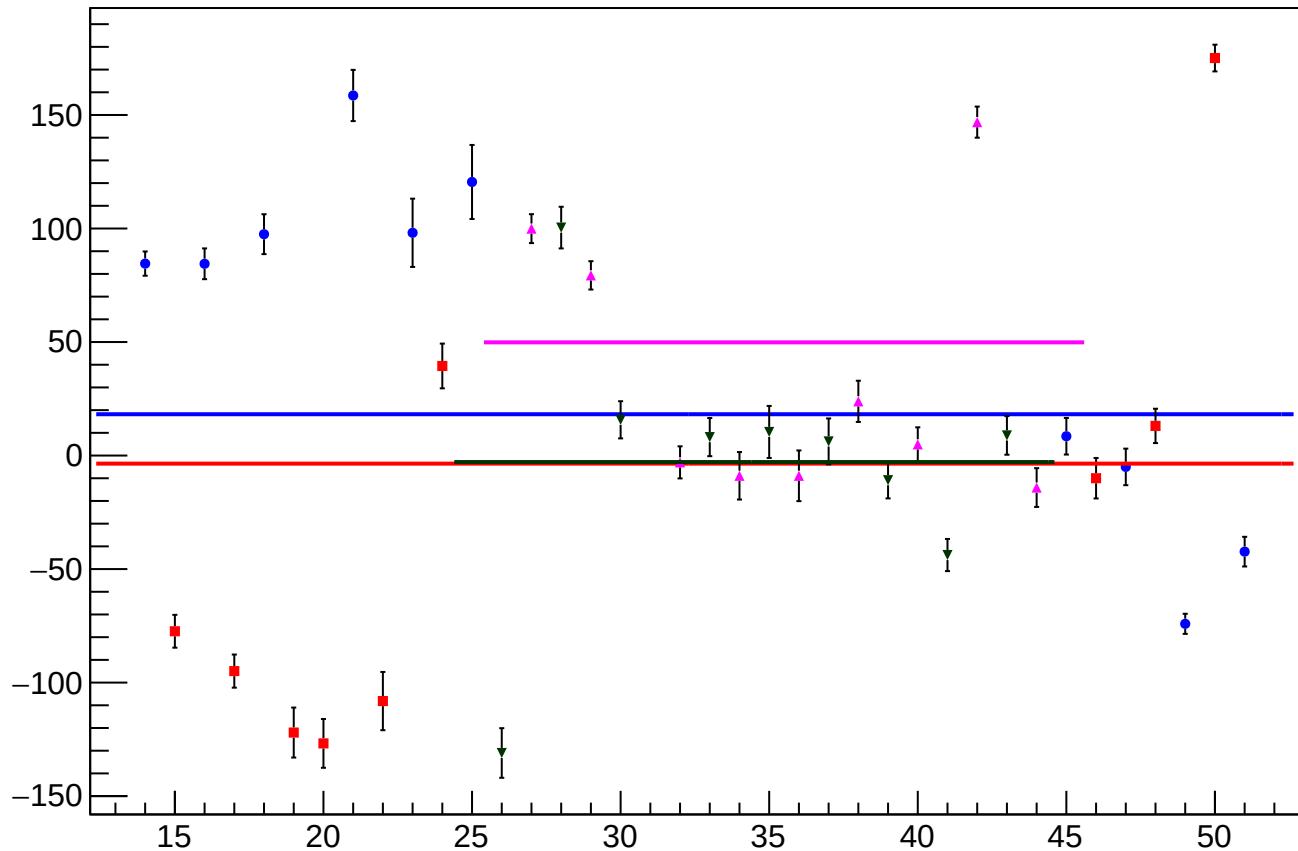
Left Out: -600.749+/-0.393 χ^2/NDF : 5250.8/8

Right Out: 556.787+/-0.417 χ^2/NDF : 27732.1/8

Left In: 593.704+/-0.360 χ^2/NDF : 4731.8/8

-28.258+/-0.188 χ^2/NDF : 9484442.6/36

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 18.196+/-2.288 χ^2/NDF : 1084.2/9

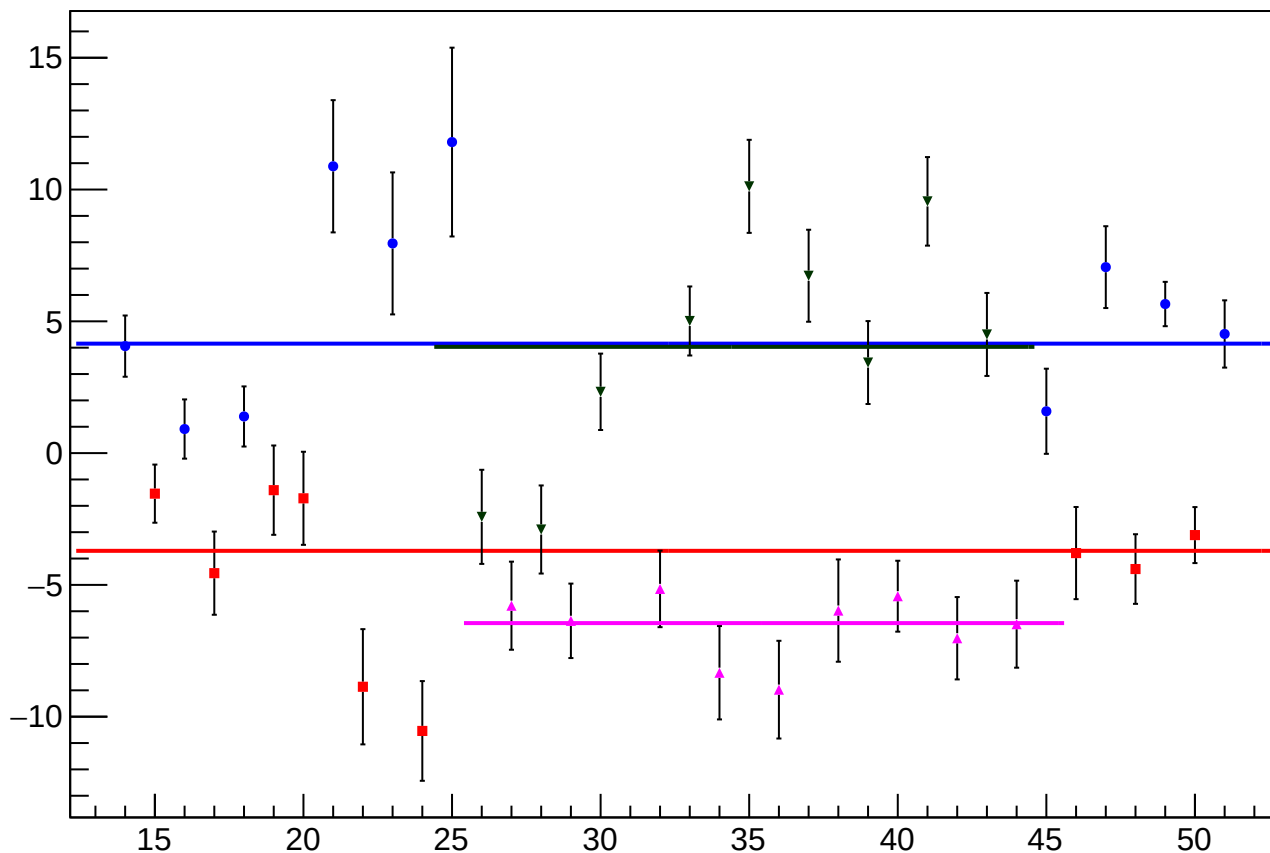
Left Out: -2.868+/-2.936 χ^2/NDF : 309.5/8

Right Out: -3.560+/-2.772 χ^2/NDF : 1520.3/8

Left In: 49.858+/-2.562 χ^2/NDF : 500.0/8

17.435+/-1.302 χ^2/NDF : 3679.4/36

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.153 ± 0.426 χ^2/NDF : 37.2/9

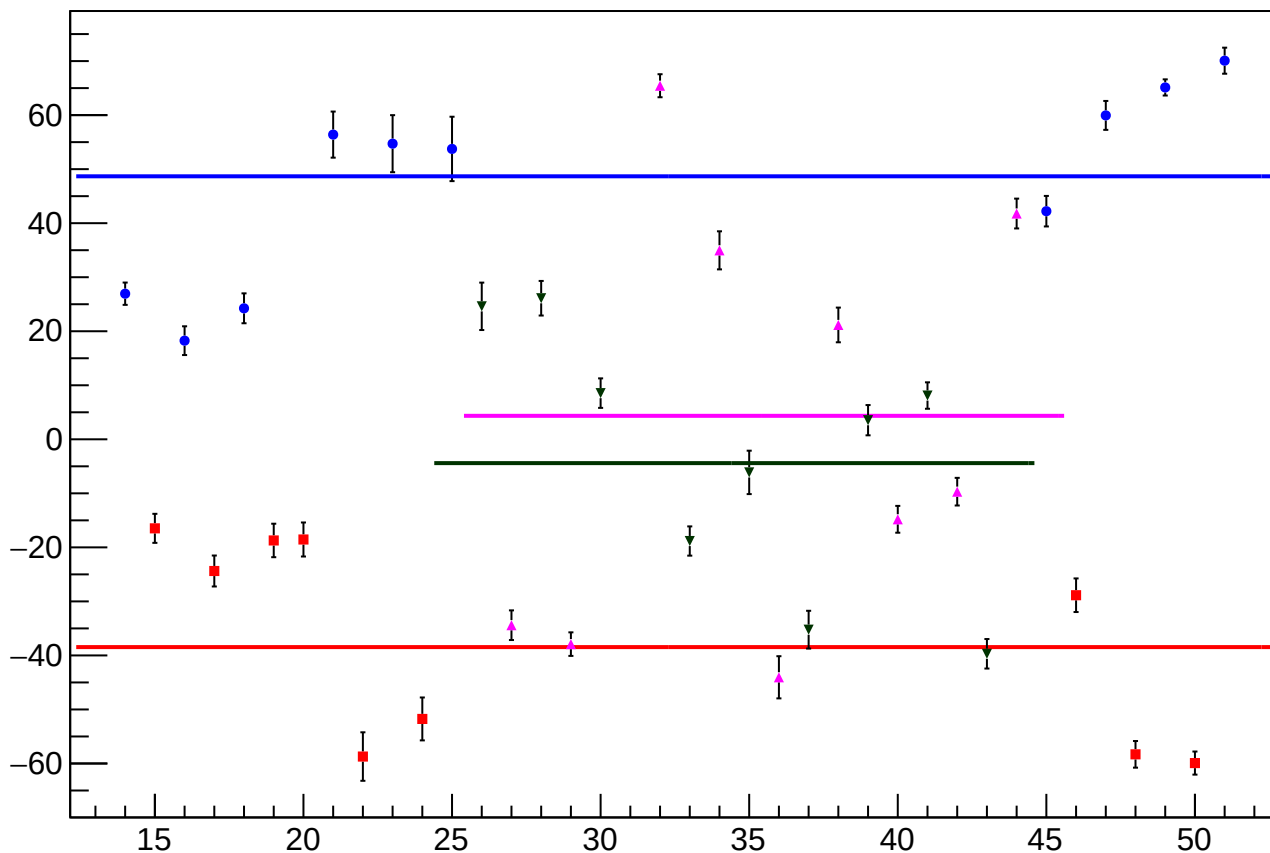
Left Out: 4.032 ± 0.531 χ^2/NDF : 57.5/8

-0.068 ± 0.244 χ^2/NDF : 482.8/36

Right Out: -3.708 ± 0.490 χ^2/NDF : 26.5/8

Left In: -6.449 ± 0.532 χ^2/NDF : 4.7/8

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 48.676 $\pm$ 0.814 χ^2 /NDF: 547.6/9

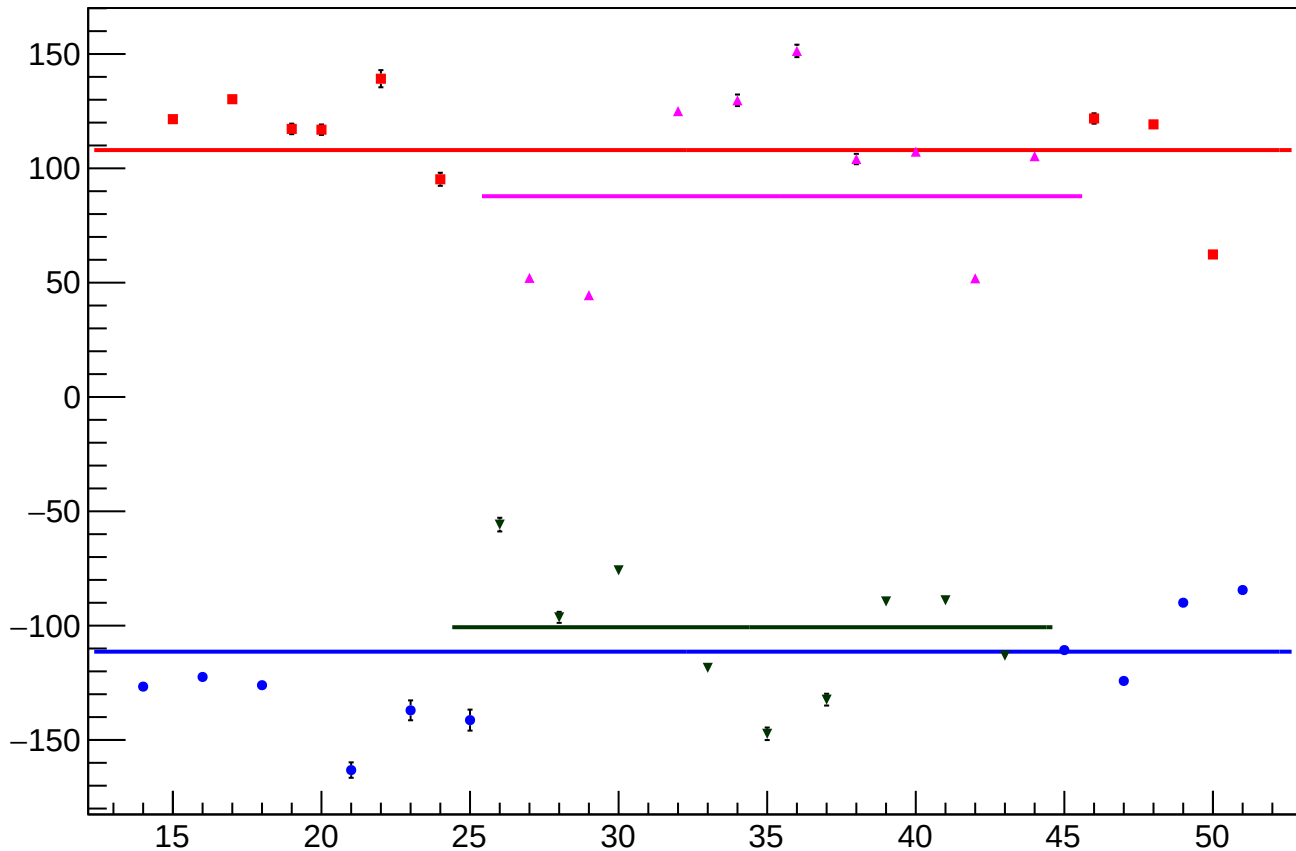
Left Out: -4.407 $\pm$ 1.004 χ^2 /NDF: 464.5/8

Right Out: -38.458 $\pm$ 0.969 χ^2 /NDF: 378.5/8

Left In: 4.347 $\pm$ 0.893 χ^2 /NDF: 1927.7/8

6.970 $\pm$ 0.455 χ^2 /NDF: 8280.2/36

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -111.384+/-0.628 χ^2/NDF : 1067.9/9

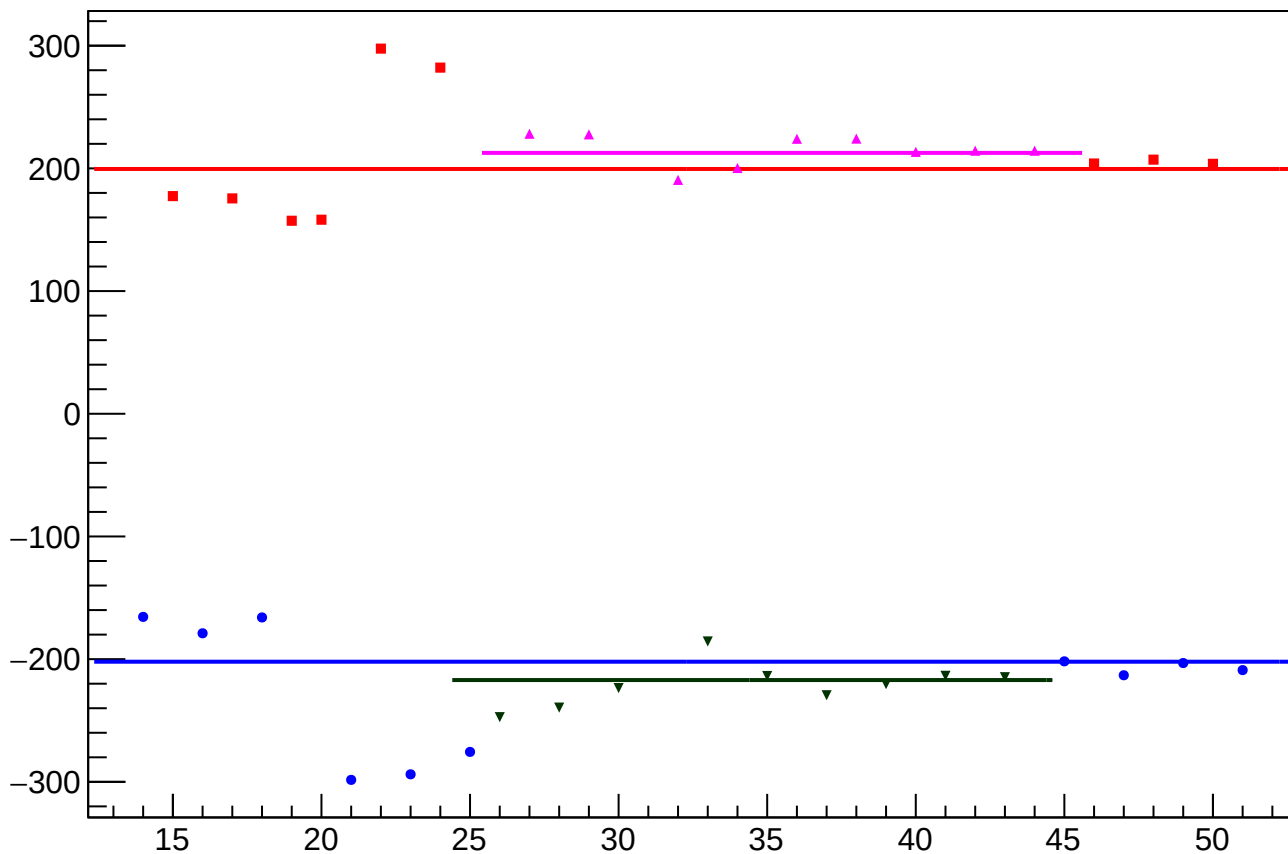
Left Out: -100.691+/-0.748 χ^2/NDF : 978.9/8

Right Out: 107.983+/-0.739 χ^2/NDF : 1131.5/8

Left In: 87.803+/-0.654 χ^2/NDF : 3037.1/8

-7.077+/-0.343 χ^2/NDF : 94710.7/36

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -202.085+/-0.152 χ^2/NDF : 46995.8/9

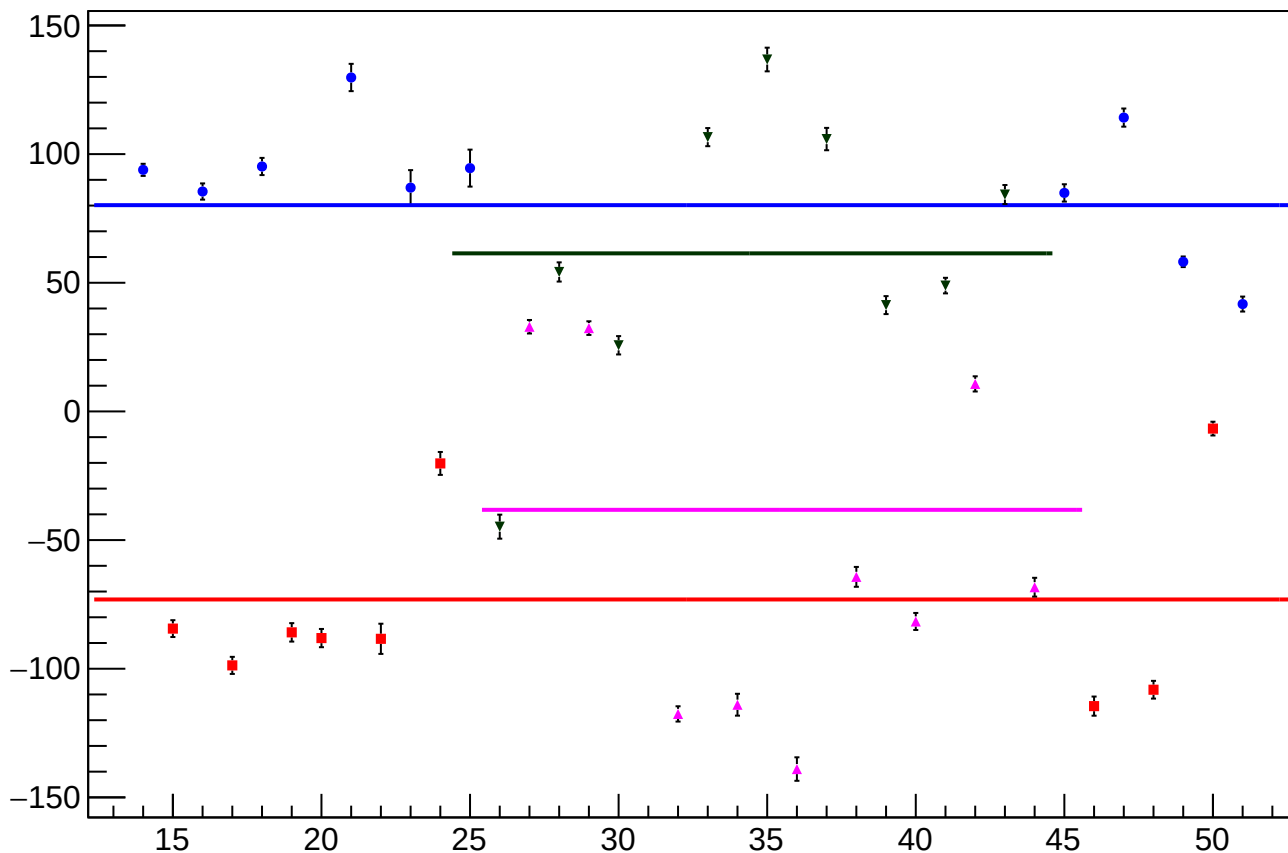
Left Out: -217.033+/-0.168 χ^2/NDF : 9889.6/8

Right Out: 199.522+/-0.179 χ^2/NDF : 41054.1/8

Left In: 212.625+/-0.153 χ^2/NDF : 8043.8/8

-7.361+/-0.081 χ^2/NDF : 6711796.7/36

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 80.161+/-1.016 χ^2/NDF : 533.0/9

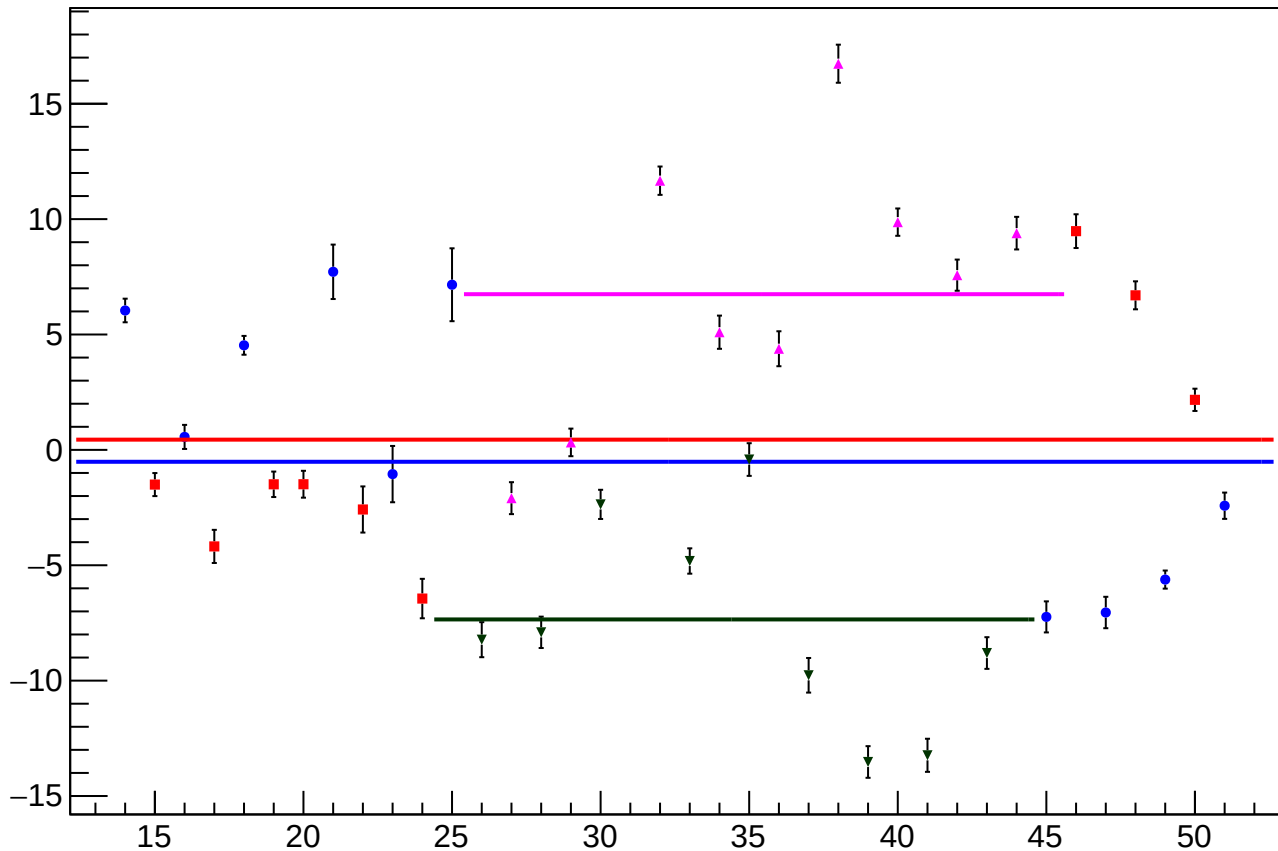
Left Out: 61.427+/-1.249 χ^2/NDF : 1247.3/8

10.087+/-0.561 χ^2/NDF : 19798.9/36

Right Out: -73.081+/-1.181 χ^2/NDF : 1095.0/8

Left In: -38.244+/-1.083 χ^2/NDF : 3520.8/8

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -0.516 ± 0.185 $\chi^2/\text{NDF}: 767.2/9$

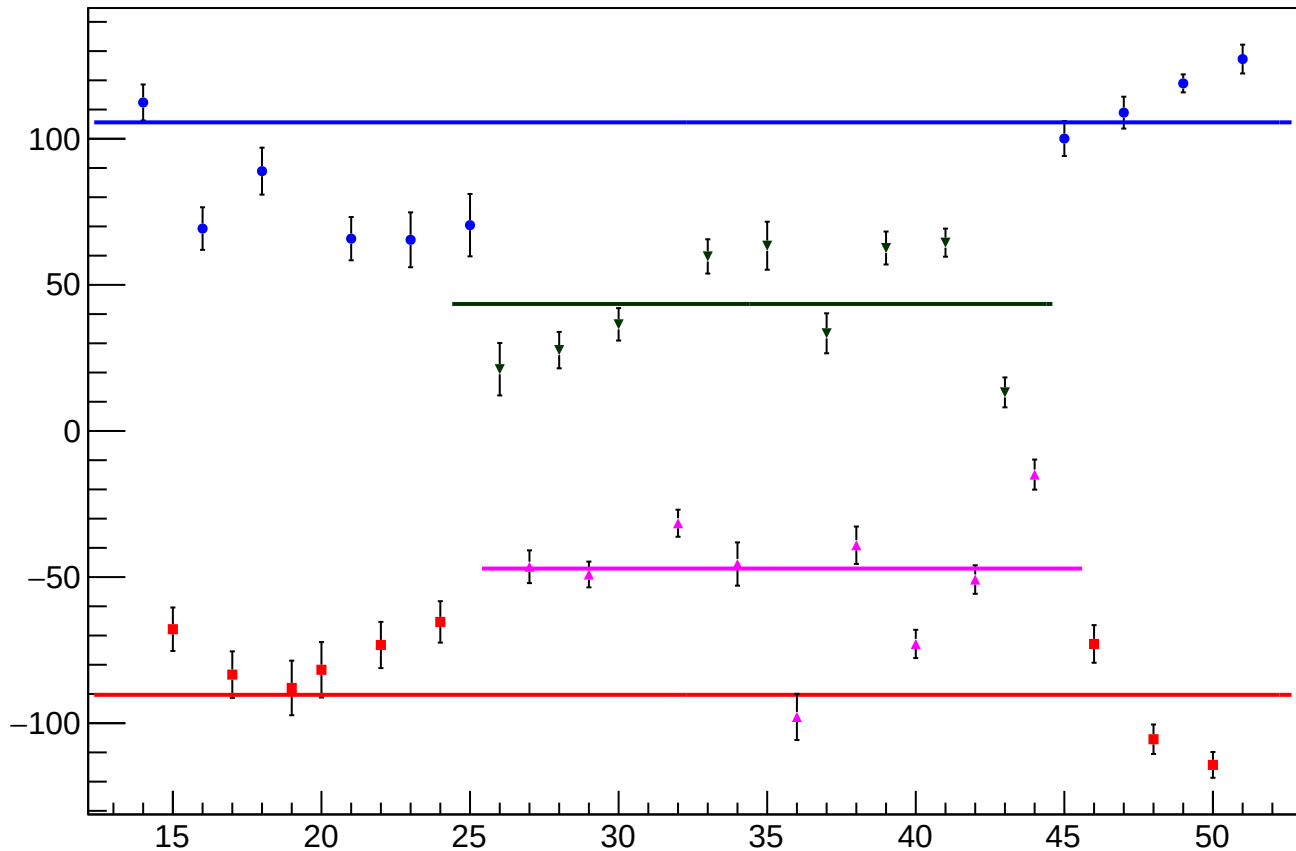
Left Out: -7.348 ± 0.225 $\chi^2/\text{NDF}: 344.7/8$

Right Out: 0.443 ± 0.207 $\chi^2/\text{NDF}: 425.9/8$

Left In: 6.747 ± 0.225 $\chi^2/\text{NDF}: 547.5/8$

-0.176 ± 0.104 $\chi^2/\text{NDF}: 4055.7/36$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 105.617 $\pm$ 1.804 χ^2 /NDF: 127.8/9

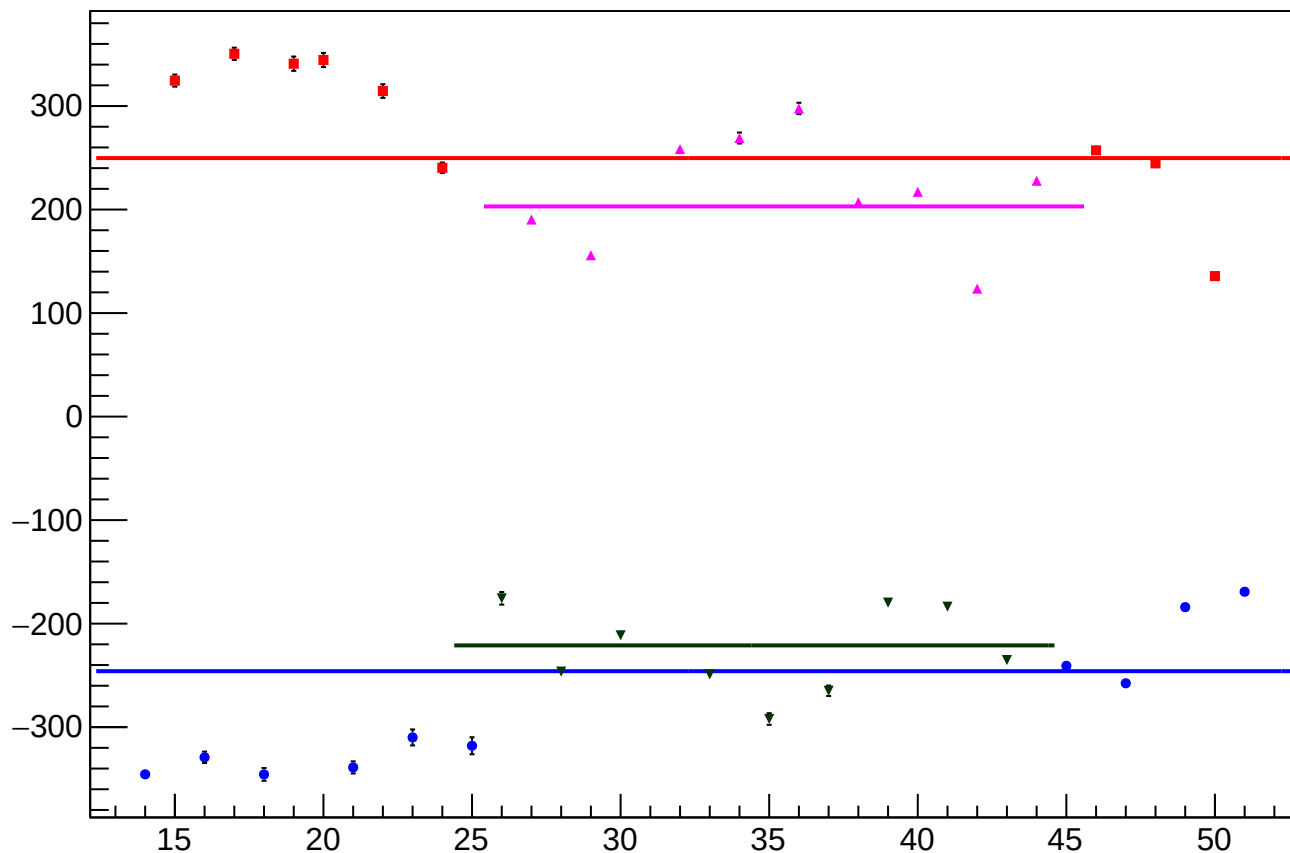
Left Out: 43.469 $\pm$ 2.005 χ^2 /NDF: 95.4/8

Right Out: -90.297 $\pm$ 2.197 χ^2 /NDF: 73.6/8

Left In: -47.079 $\pm$ 1.793 χ^2 /NDF: 122.4/8

9.237 $\pm$ 0.965 χ^2 /NDF: 6604.6/36

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -245.941+/-1.403 χ^2/NDF : 2440.3/9

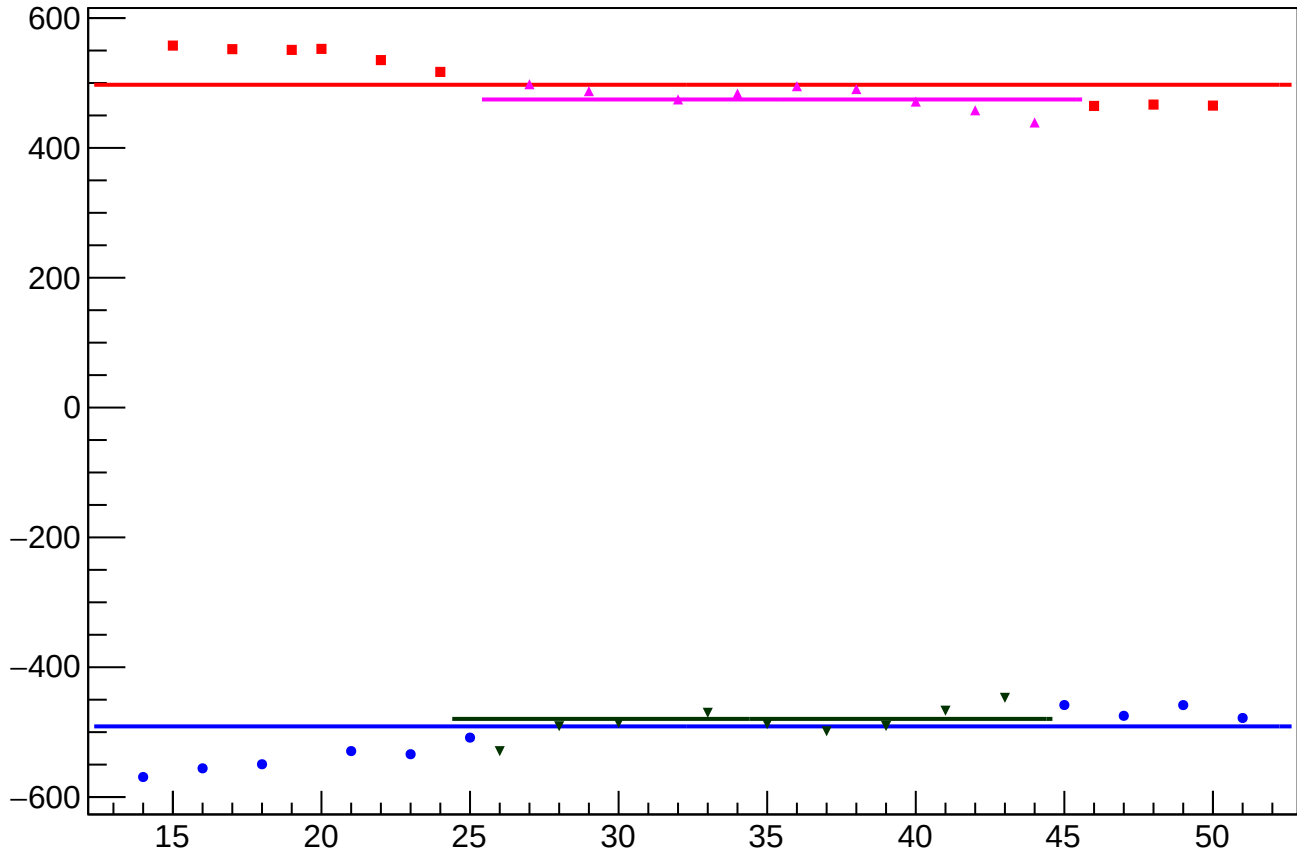
Left Out: -221.044+/-1.496 χ^2/NDF : 593.9/8

Right Out: 249.720+/-1.687 χ^2/NDF : 2085.0/8

Left In: 203.012+/-1.312 χ^2/NDF : 1461.2/8

-9.515+/-0.728 χ^2/NDF : 104838.8/36

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -491.127+/-0.335 χ^2/NDF : 13834.0/9

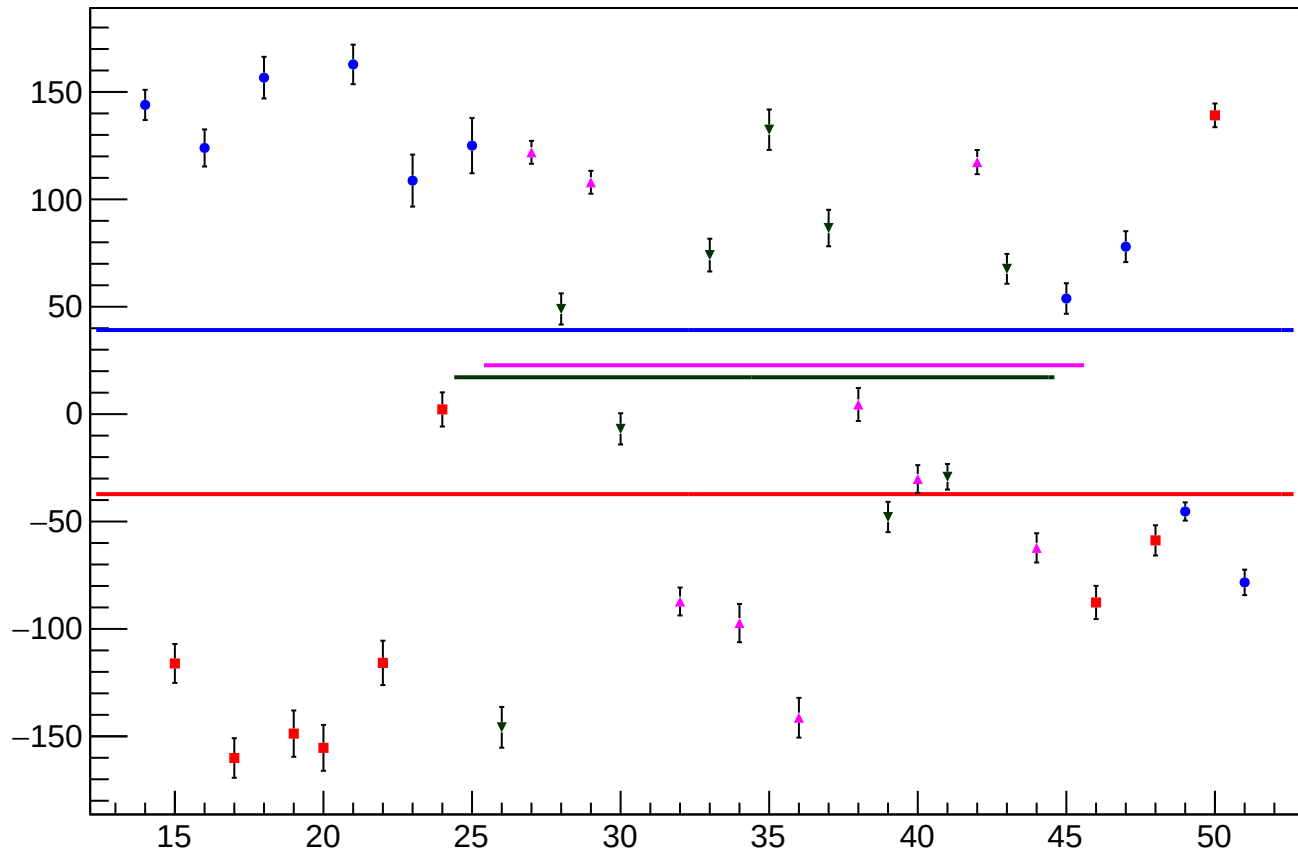
Left Out: -479.578+/-0.336 χ^2/NDF : 3549.6/8

Right Out: 497.257+/-0.402 χ^2/NDF : 9449.6/8

Left In: 474.603+/-0.308 χ^2/NDF : 3381.7/8

-16.043+/-0.170 χ^2/NDF : 8119797.2/36

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 39.149+/-2.282 χ^2 /NDF: 1545.2/9

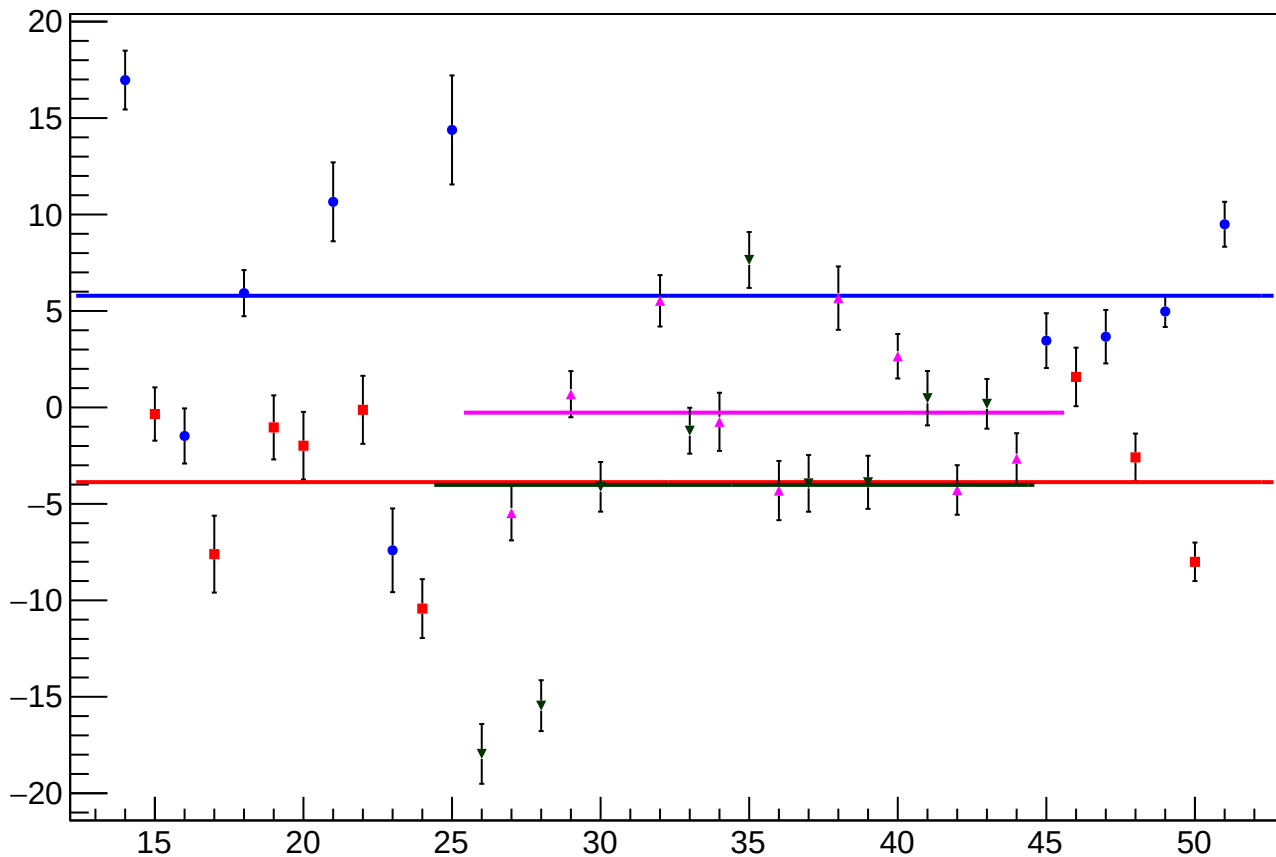
Left Out: 17.160+/-2.496 χ^2 /NDF:796.1/8

14.307+/-1.194 χ^2 /NDF: 6373.6/36

Right Out: -37.246+/-2.709 χ^2 /NDF: 1638.6/8

Left In: 22.755+/-2.169 χ^2 /NDF:1896.6/8

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 5.789 ± 0.427 χ^2/NDF : 147.7/9

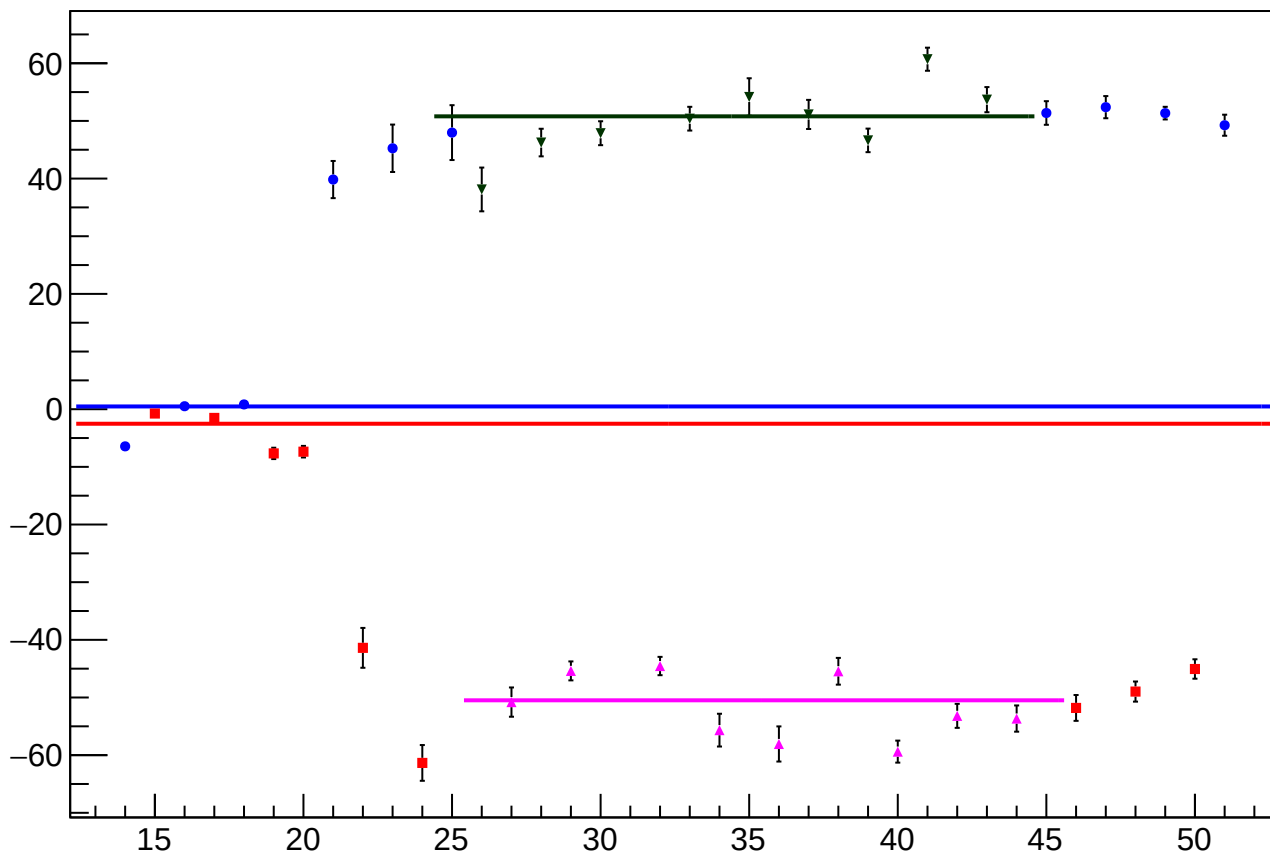
Left Out: -4.016 ± 0.453 χ^2/NDF : 247.5/8

Right Out: -3.872 ± 0.482 χ^2/NDF : 68.2/8

Left In: -0.270 ± 0.450 χ^2/NDF : 72.6/8

-0.298 ± 0.226 χ^2/NDF : 861.8/36

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 0.478 ± 0.145 $\chi^2/\text{NDF}: 5246.7/9$

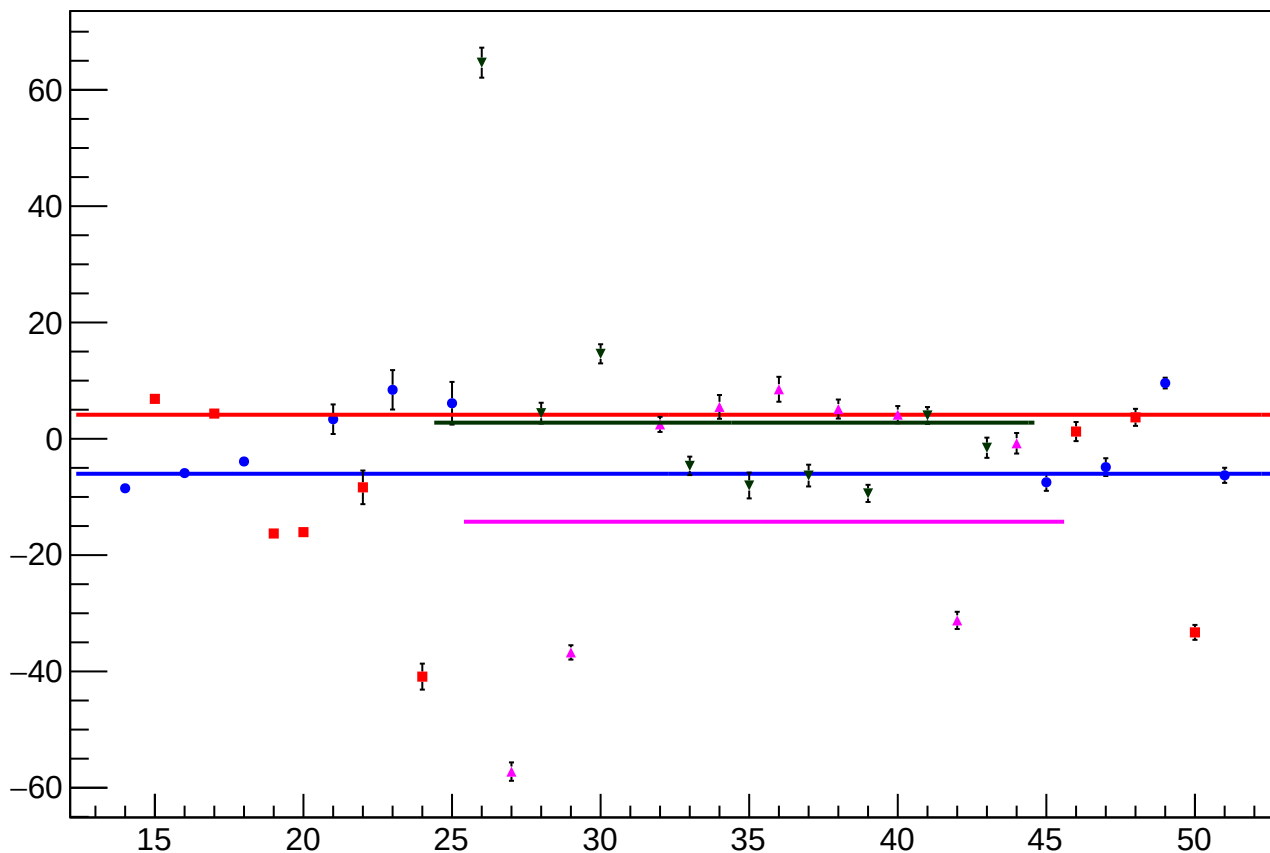
Left Out: 50.793 ± 0.775 $\chi^2/\text{NDF}: 48.3/8$

Right Out: -2.521 ± 0.150 $\chi^2/\text{NDF}: 2460.2/8$

Left In: -50.488 ± 0.701 $\chi^2/\text{NDF}: 63.2/8$

-1.127 ± 0.102 $\chi^2/\text{NDF}: 17473.6/36$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.013 ± 0.109 $\chi^2/\text{NDF}: 579.6/9$

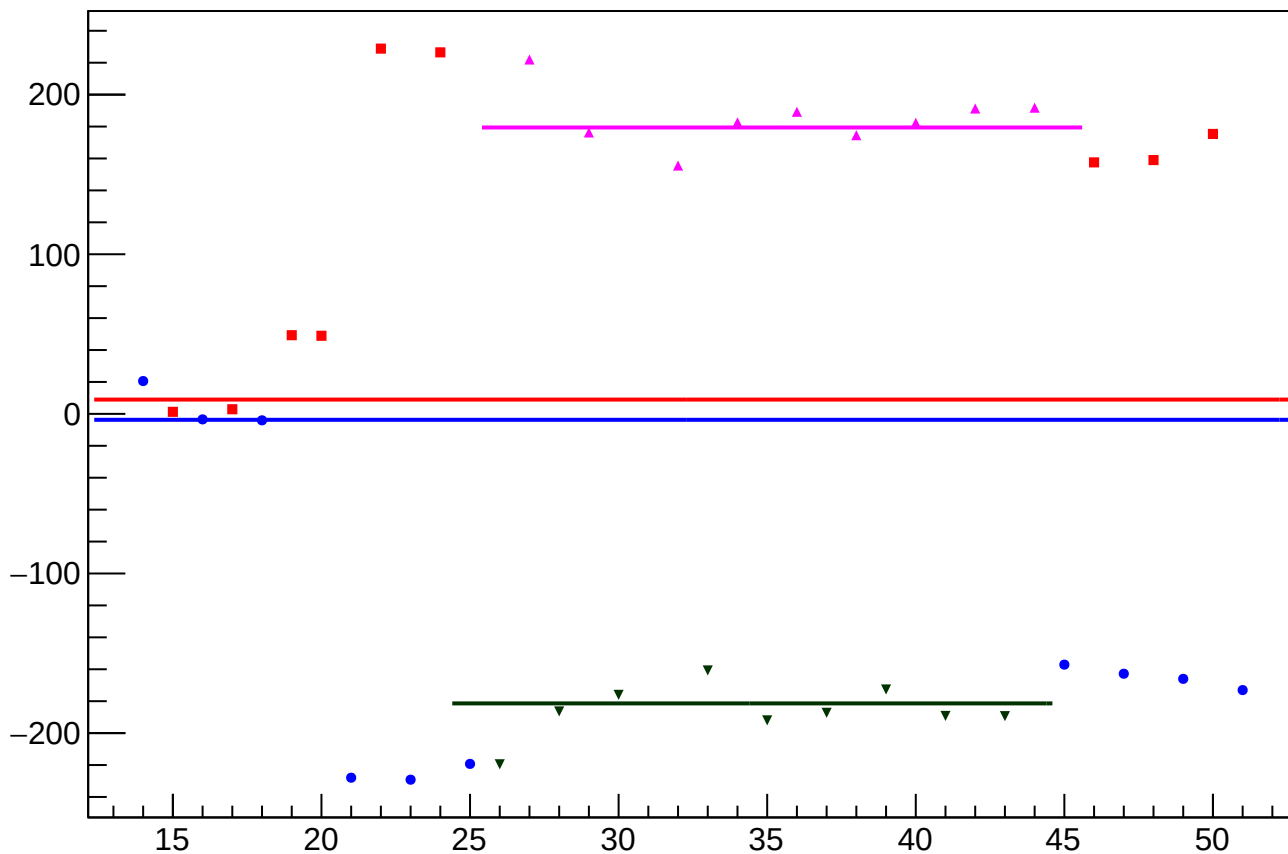
Left Out: 2.776 ± 0.578 $\chi^2/\text{NDF}: 772.4/8$

Right Out: 4.137 ± 0.115 $\chi^2/\text{NDF}: 3121.6/8$

Left In: -14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

-1.405 ± 0.077 $\chi^2/\text{NDF}: 11190.8/36$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -3.719+/-0.028 χ^2/NDF : 1786915.3/9

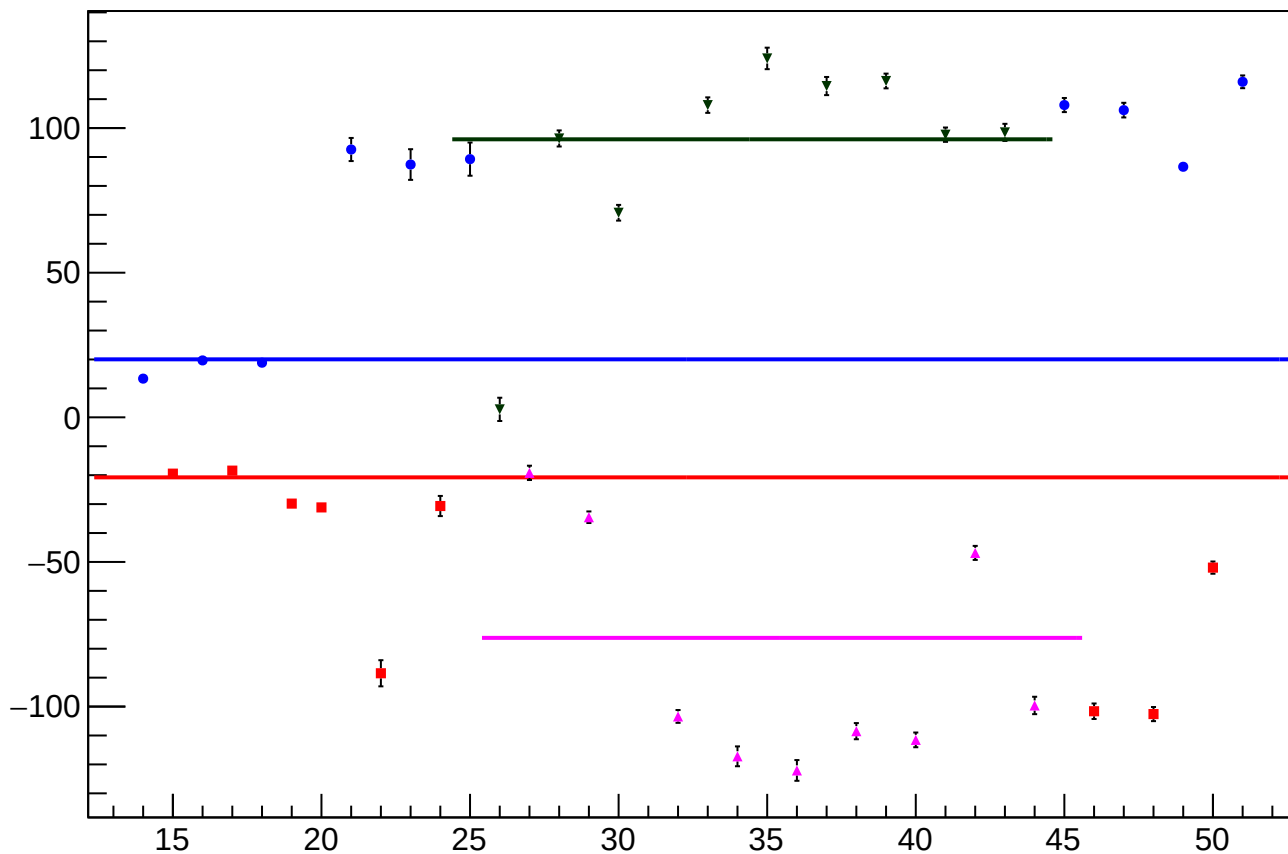
Left Out: -181.384+/-0.129 χ^2/NDF : 10642.5/8

Right Out: 8.957+/-0.029 χ^2/NDF : 1087420.0/8

Left In: 179.424+/-0.120 χ^2/NDF : 21031.0/8

3.010+/-0.020 χ^2/NDF : 7217846.4/36

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 20.046+/-0.171 χ^2/NDF : 7392.2/9

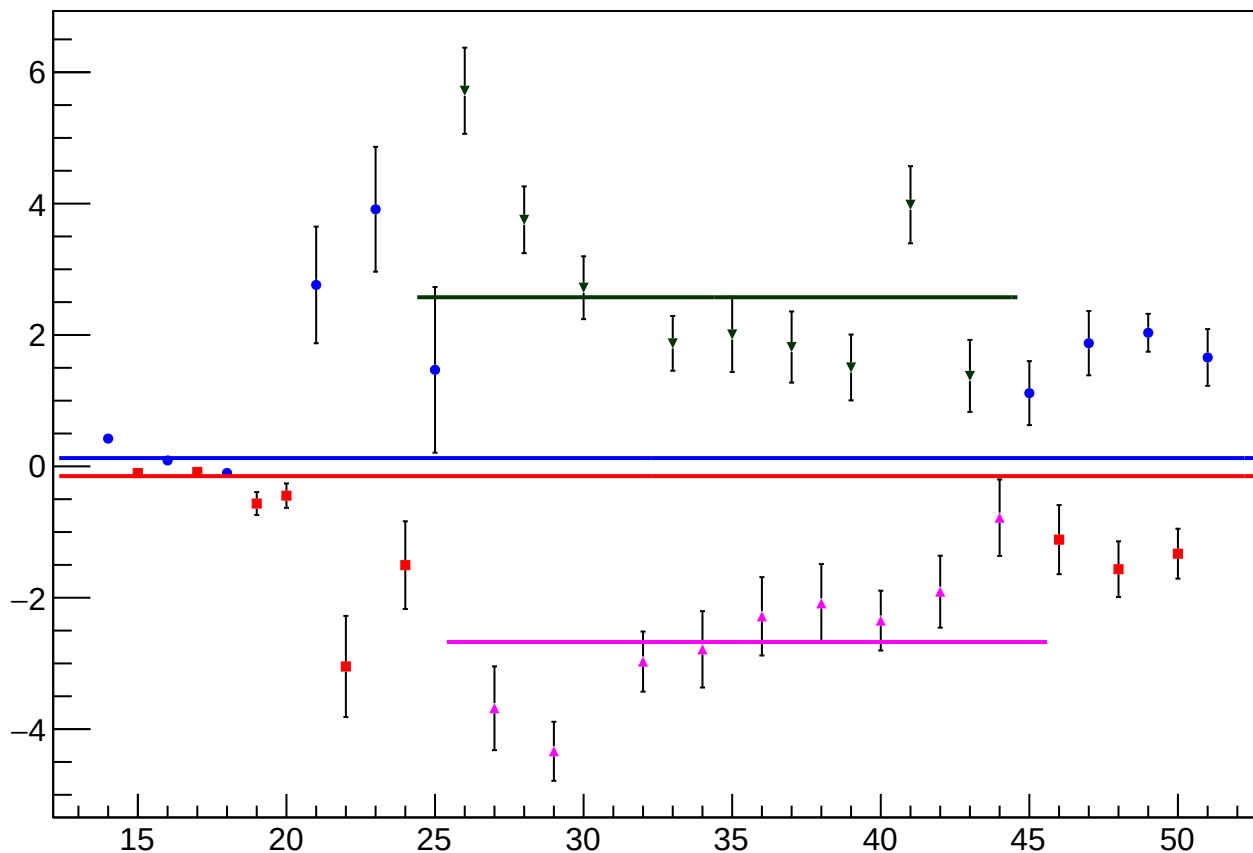
Left Out: 96.116+/-0.966 χ^2/NDF :801.0/8

Right Out: -20.757+/-0.179 χ^2/NDF : 2729.5/8

Left In: -76.248+/-0.863 χ^2/NDF :1954.9/8

0.515+/-0.121 χ^2/NDF : 57786.3/36

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.126 $\pm$ 0.029 χ^2 /NDF: 142.3/9

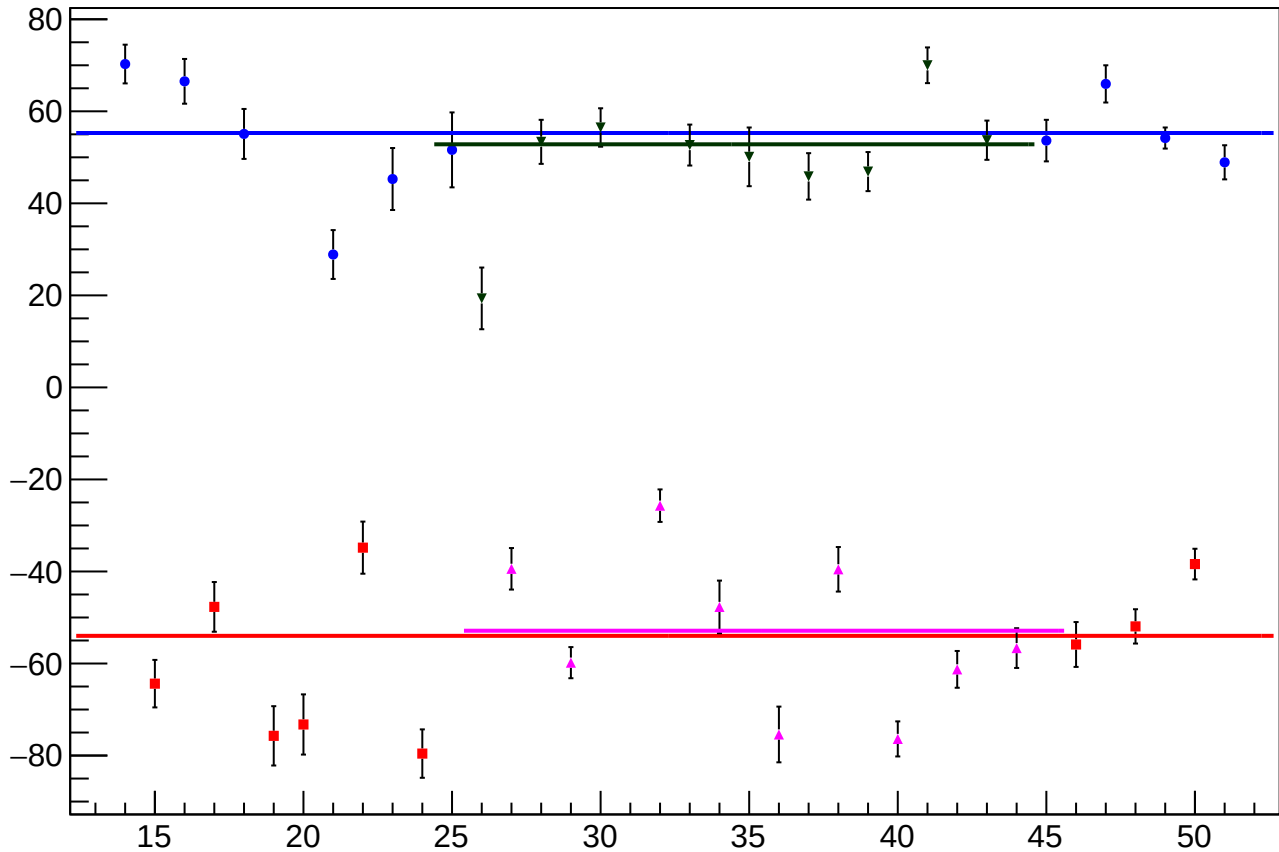
Left Out: 2.574 $\pm$ 0.174 χ^2 /NDF: 49.3/8

-0.000 $\pm$ 0.021 χ^2 /NDF: 765.2/36

Right Out: -0.149 $\pm$ 0.031 χ^2 /NDF: 53.3/8

Left In: -2.674 $\pm$ 0.177 χ^2 /NDF: 31.1/8

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 55.287+/-1.315 χ^2/NDF : 55.5/9

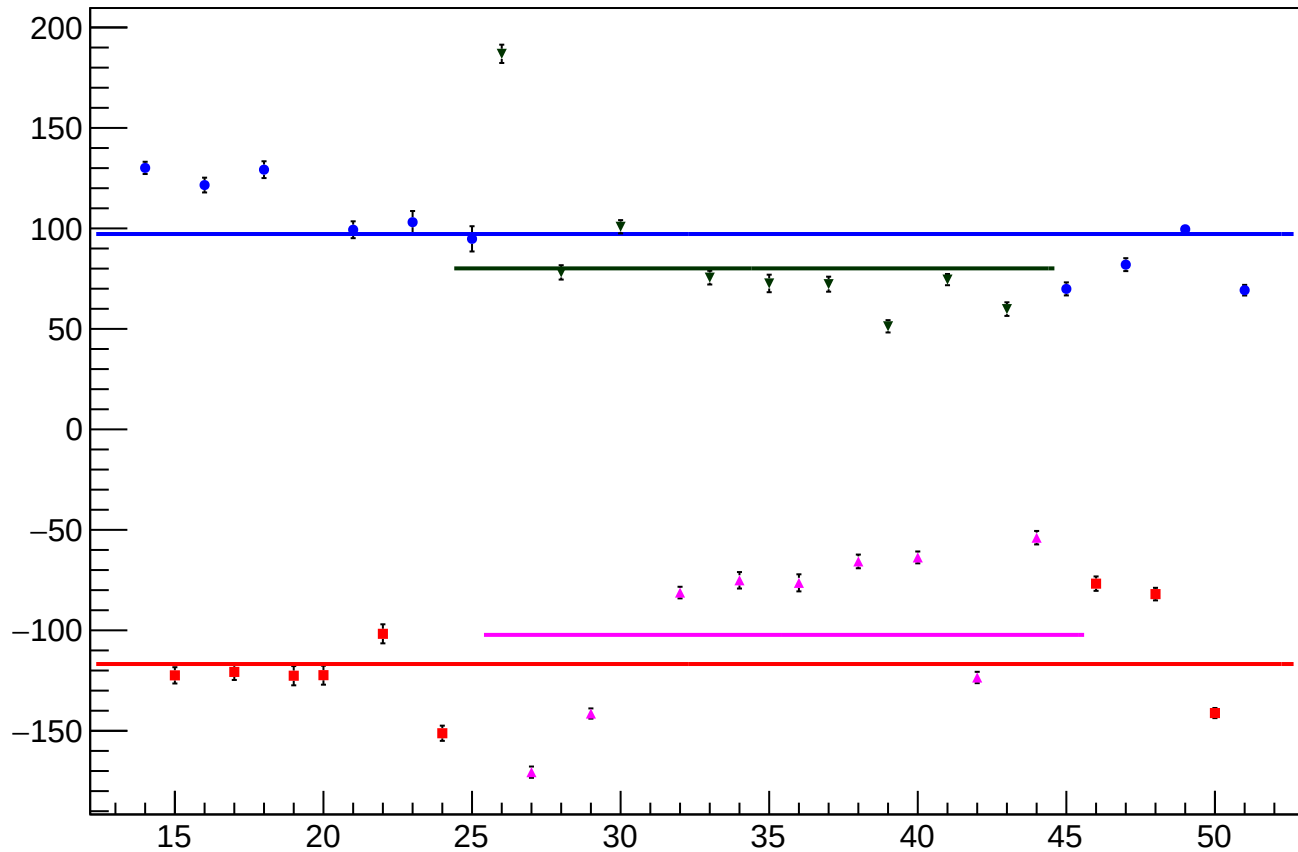
Left Out: 52.828+/-1.553 χ^2/NDF : 49.4/8

3.308+/-0.728 χ^2/NDF : 5774.2/36

Right Out: -53.987+/-1.600 χ^2/NDF : 82.9/8

Left In: -52.873+/-1.411 χ^2/NDF : 137.9/8

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 97.212+/-1.022 χ^2 /NDF: 426.8/9

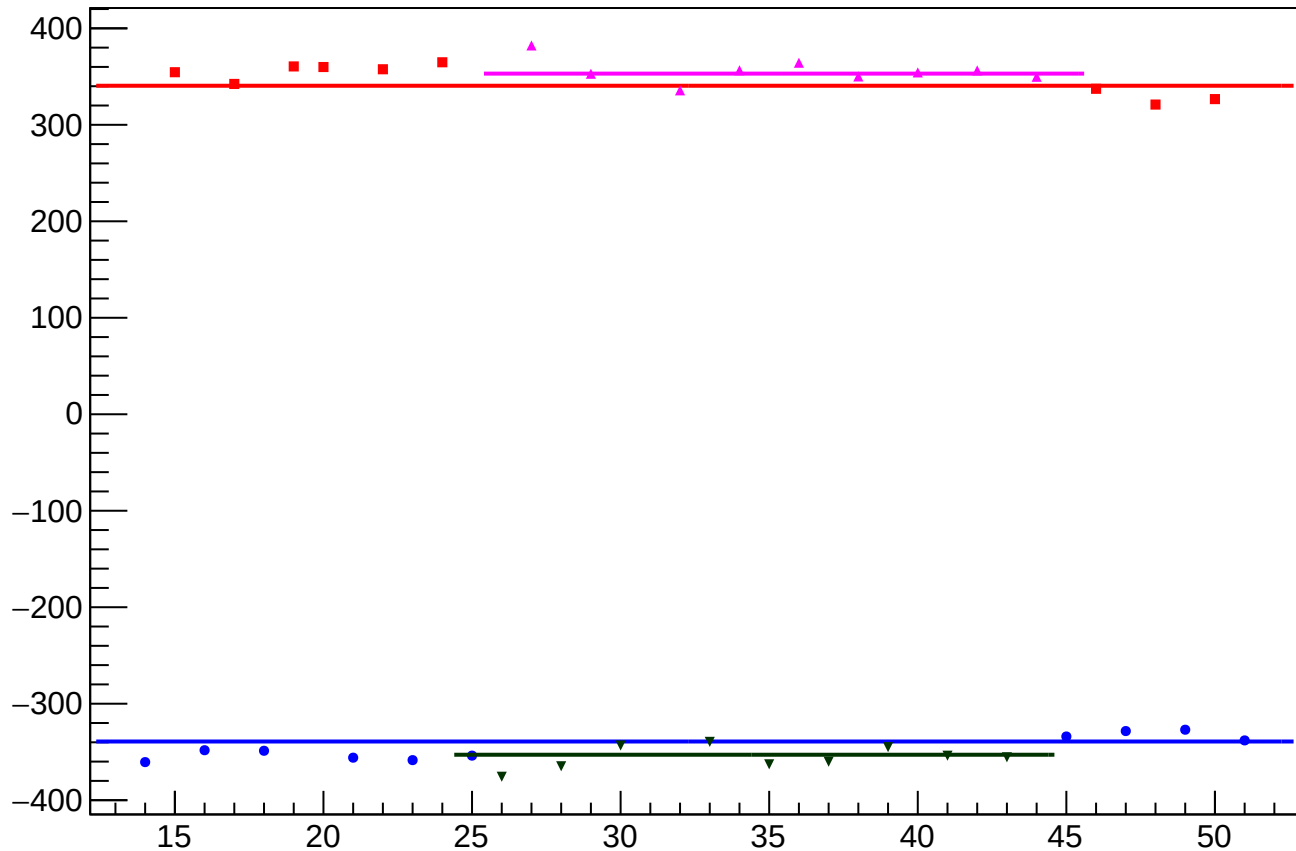
Left Out: 80.107+/-1.156 χ^2 /NDF: 725.9/8

Right Out: -116.759+/-1.228 χ^2 /NDF: 440.1/8

Left In: -102.262+/-1.036 χ^2 /NDF: 1514.4/8

-5.963+/-0.550 χ^2 /NDF: 35621.2/36

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -339.170 ± 0.245 χ^2/NDF : 2544.6/9

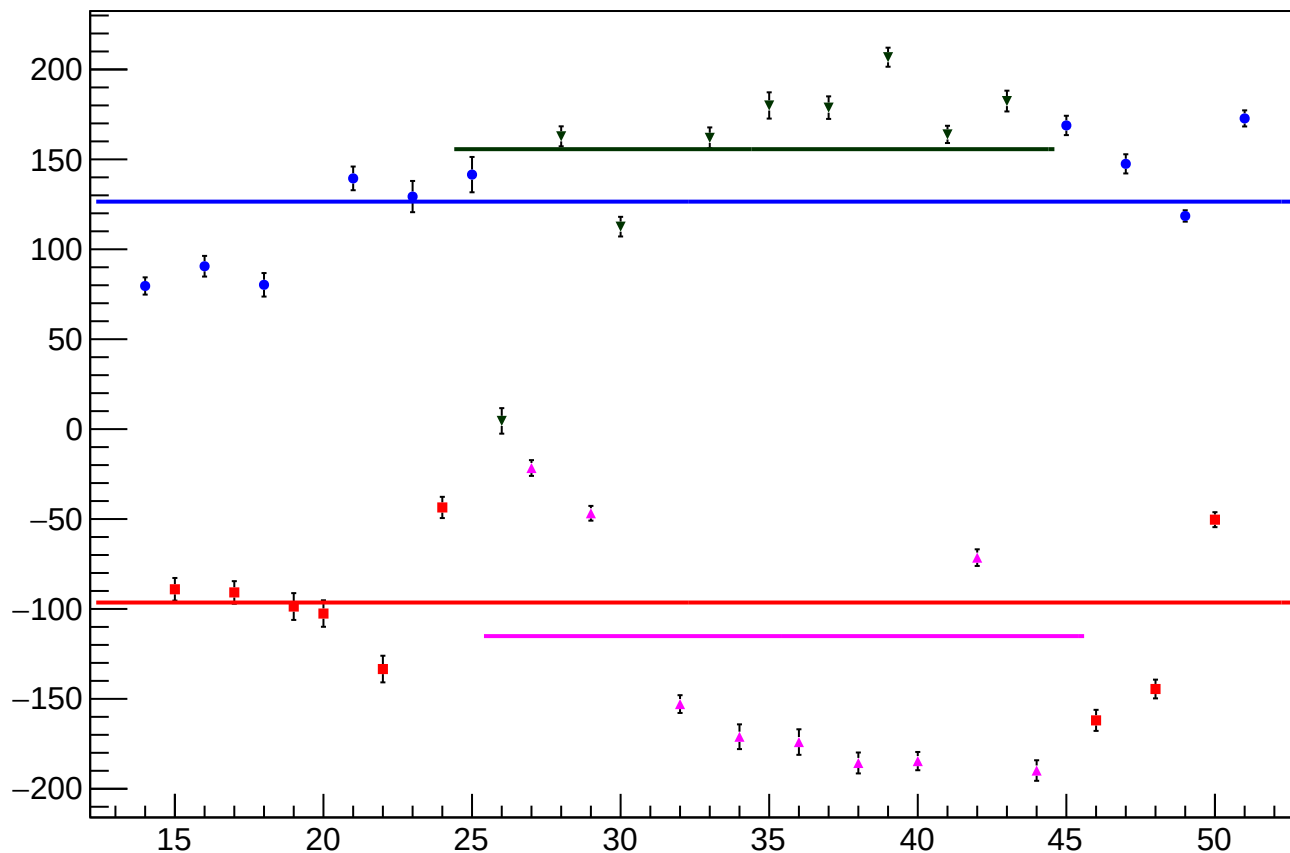
Left Out: -352.892 ± 0.259 χ^2/NDF : 1502.2/8

Right Out: 340.490 ± 0.293 χ^2/NDF : 2862.4/8

Left In: 353.066 ± 0.242 χ^2/NDF : 2507.5/8

-15.358 ± 0.129 χ^2/NDF : 7247401.0/36

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 126.500 $\pm$ 1.659 χ^2 /NDF: 381.8/9

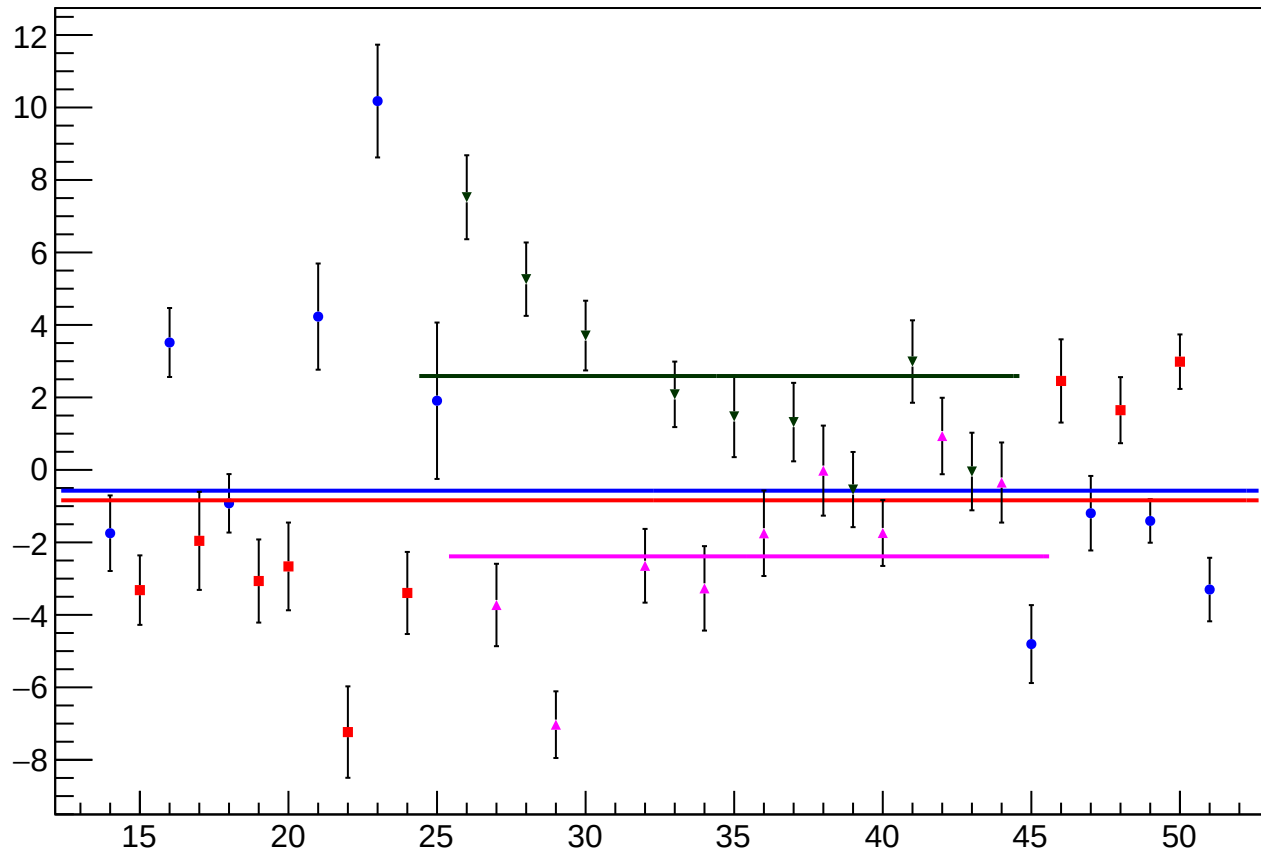
Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF: 660.3/8

Right Out: -96.429 $\pm$ 1.969 χ^2 /NDF: 441.1/8

Left In: -115.103 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

19.450 $\pm$ 0.902 χ^2 /NDF: 21755.6/36

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -0.573 ± 0.308 $\chi^2/\text{NDF}: 107.2/9$

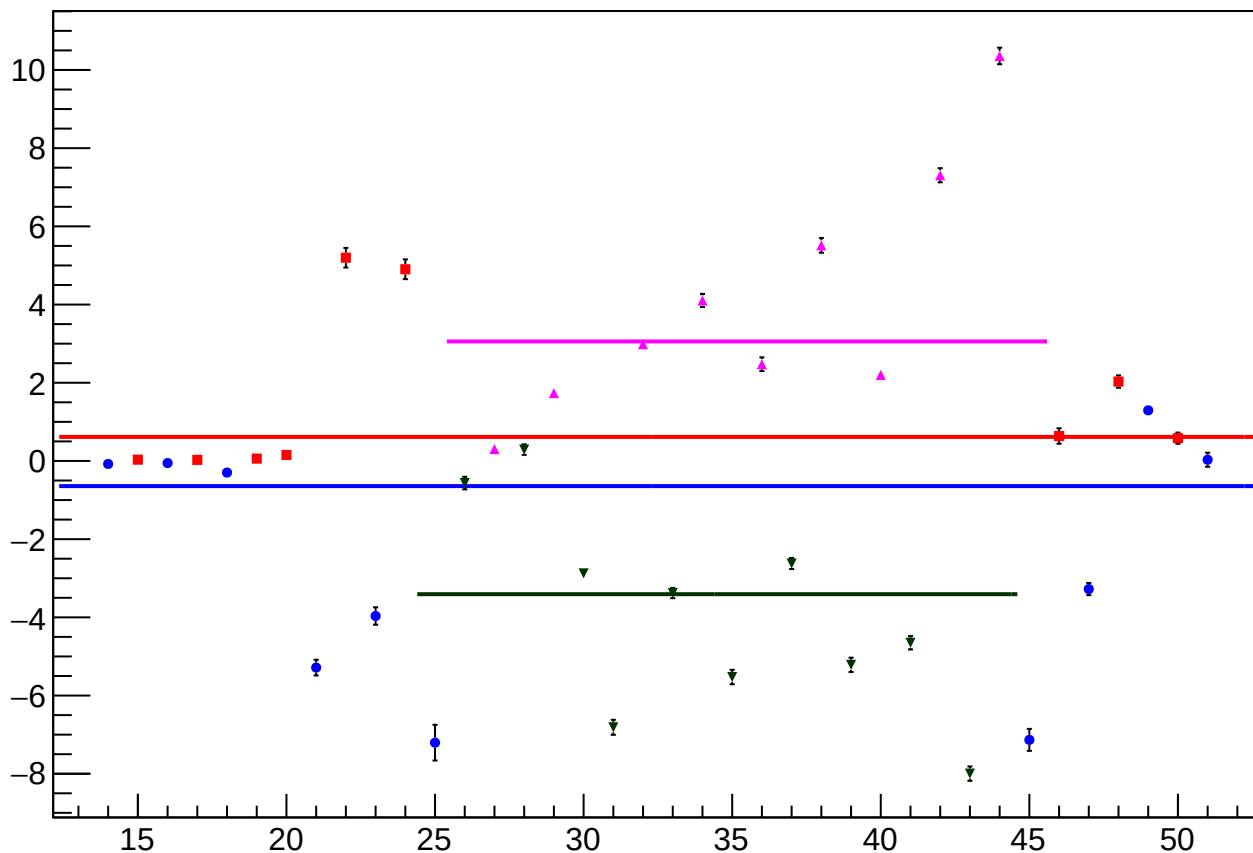
Left Out: 2.591 ± 0.348 $\chi^2/\text{NDF}: 44.4/8$

Right Out: -0.839 ± 0.349 $\chi^2/\text{NDF}: 85.7/8$

Left In: -2.386 ± 0.355 $\chi^2/\text{NDF}: 45.2/8$

-0.302 ± 0.169 $\chi^2/\text{NDF}: 389.3/36$

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.643 ± 0.040 χ^2/NDF : 2244.6/9

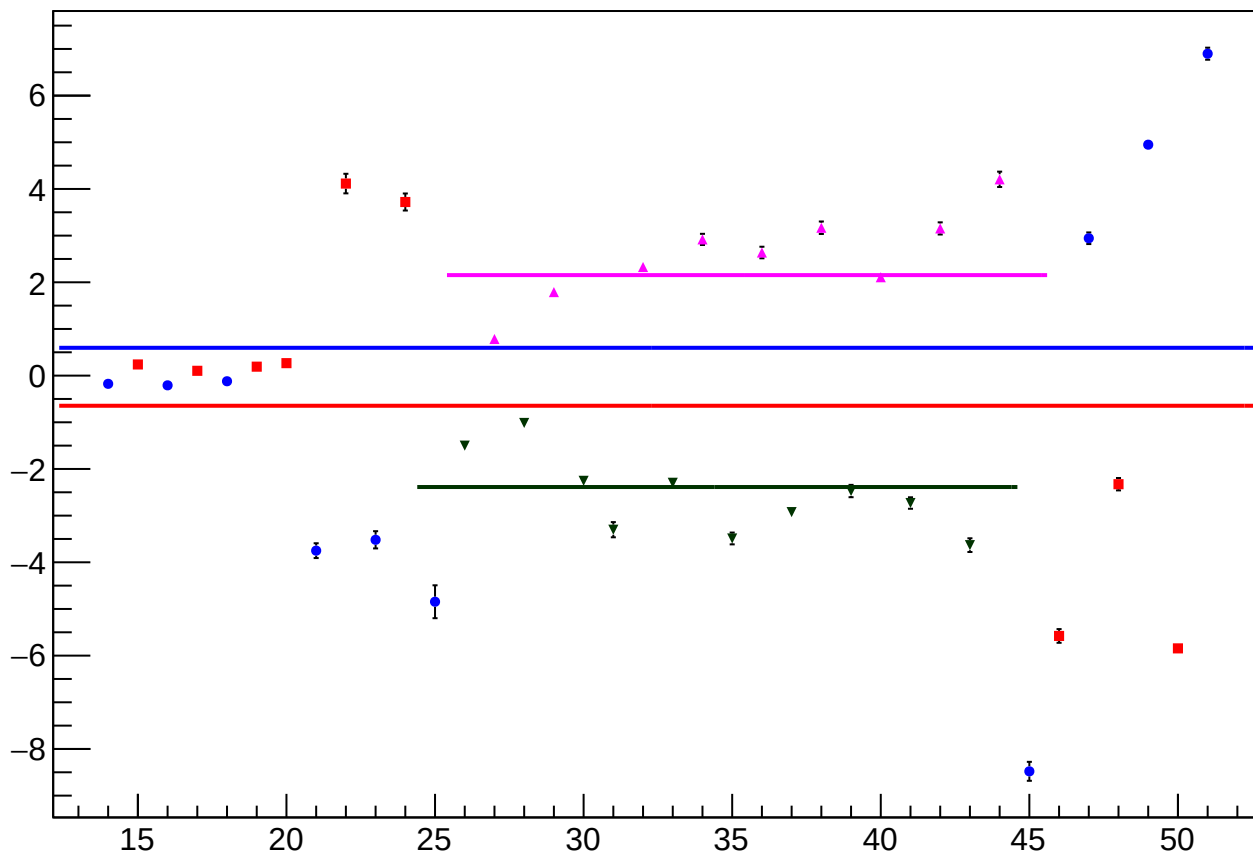
Left Out: -3.408 ± 0.049 χ^2/NDF : 2336.5/9

Right Out: 0.615 ± 0.045 χ^2/NDF : 811.1/8

Left In: 3.057 ± 0.044 χ^2/NDF : 2696.0/8

0.040 ± 0.022 χ^2/NDF : 18145.5/37

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 0.596 ± 0.031 $\chi^2/\text{NDF}: 9130.7/9$

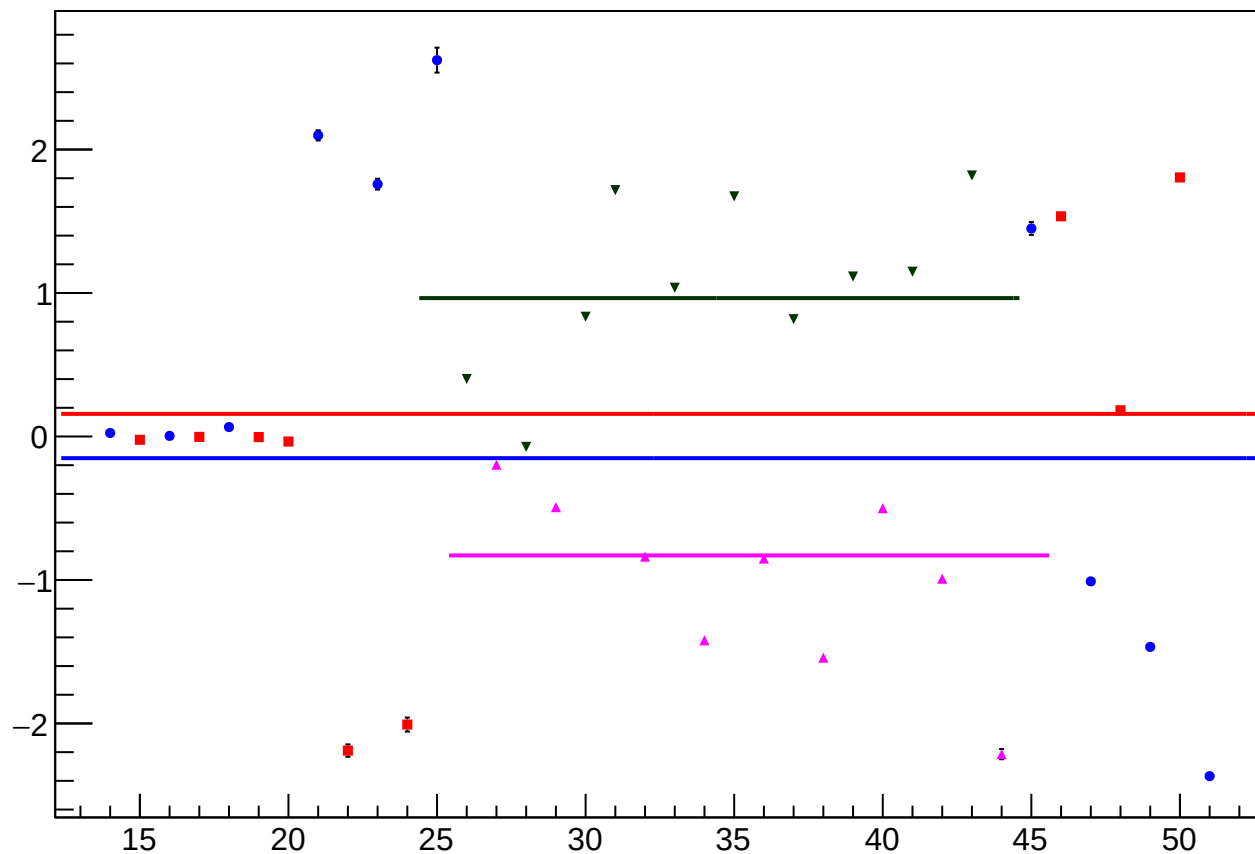
Left Out: -2.387 ± 0.037 $\chi^2/\text{NDF}: 474.3/9$

Right Out: -0.646 ± 0.034 $\chi^2/\text{NDF}: 5122.4/8$

Left In: 2.154 ± 0.032 $\chi^2/\text{NDF}: 703.0/8$

0.098 ± 0.017 $\chi^2/\text{NDF}: 24750.9/37$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.151 ± 0.008 $\chi^2/\text{NDF}: 18671.3/9$

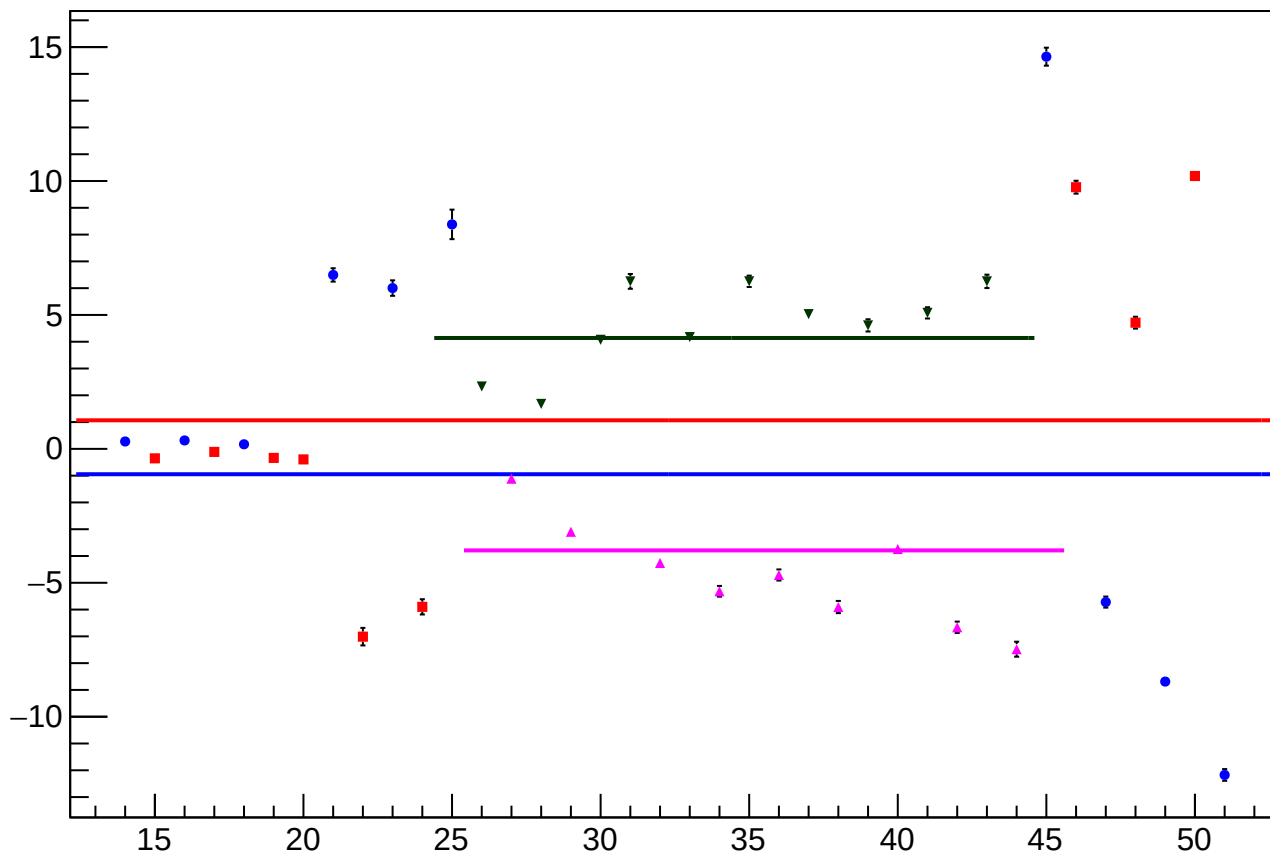
Left Out: 0.965 ± 0.008 $\chi^2/\text{NDF}: 4725.8/9$

Right Out: 0.158 ± 0.008 $\chi^2/\text{NDF}: 10937.3/8$

Left In: -0.829 ± 0.007 $\chi^2/\text{NDF}: 3974.8/8$

-0.002 ± 0.004 $\chi^2/\text{NDF}: 66073.3/37$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -0.947 ± 0.049 $\chi^2/\text{NDF}: 10388.6/9$

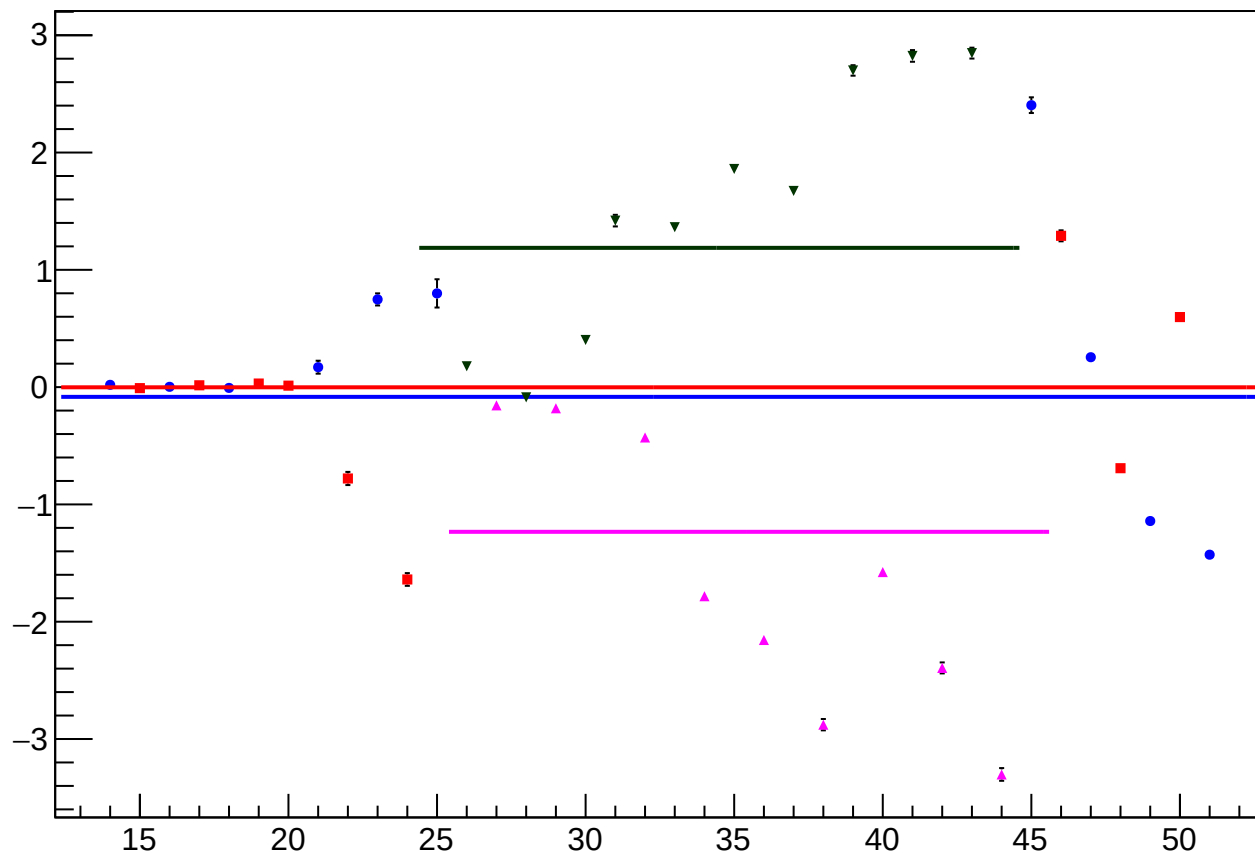
Left Out: 4.140 ± 0.061 $\chi^2/\text{NDF}: 645.5/9$

Right Out: 1.066 ± 0.054 $\chi^2/\text{NDF}: 5872.9/8$

Left In: -3.791 ± 0.054 $\chi^2/\text{NDF}: 1110.1/8$

-0.160 ± 0.027 $\chi^2/\text{NDF}: 28370.9/37$

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.083 ± 0.008 χ^2/NDF : 4353.5/9

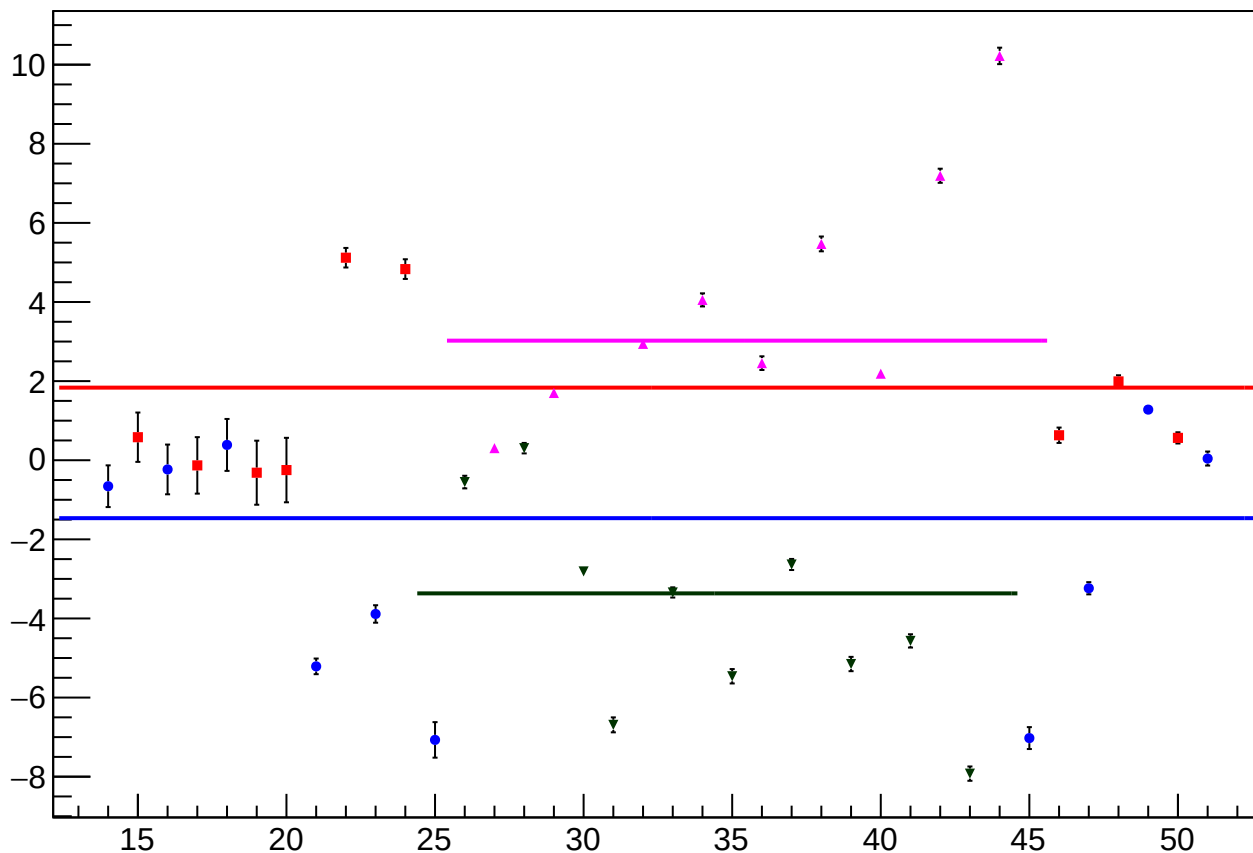
Left Out: 1.187 ± 0.011 χ^2/NDF : 8226.8/9

Right Out: -0.001 ± 0.009 χ^2/NDF : 2510.1/8

Left In: -1.234 ± 0.011 χ^2/NDF : 7863.3/8

-0.017 ± 0.005 χ^2/NDF : 47647.8/37

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -1.465+/-0.064 χ^2/NDF : 1974.3/9

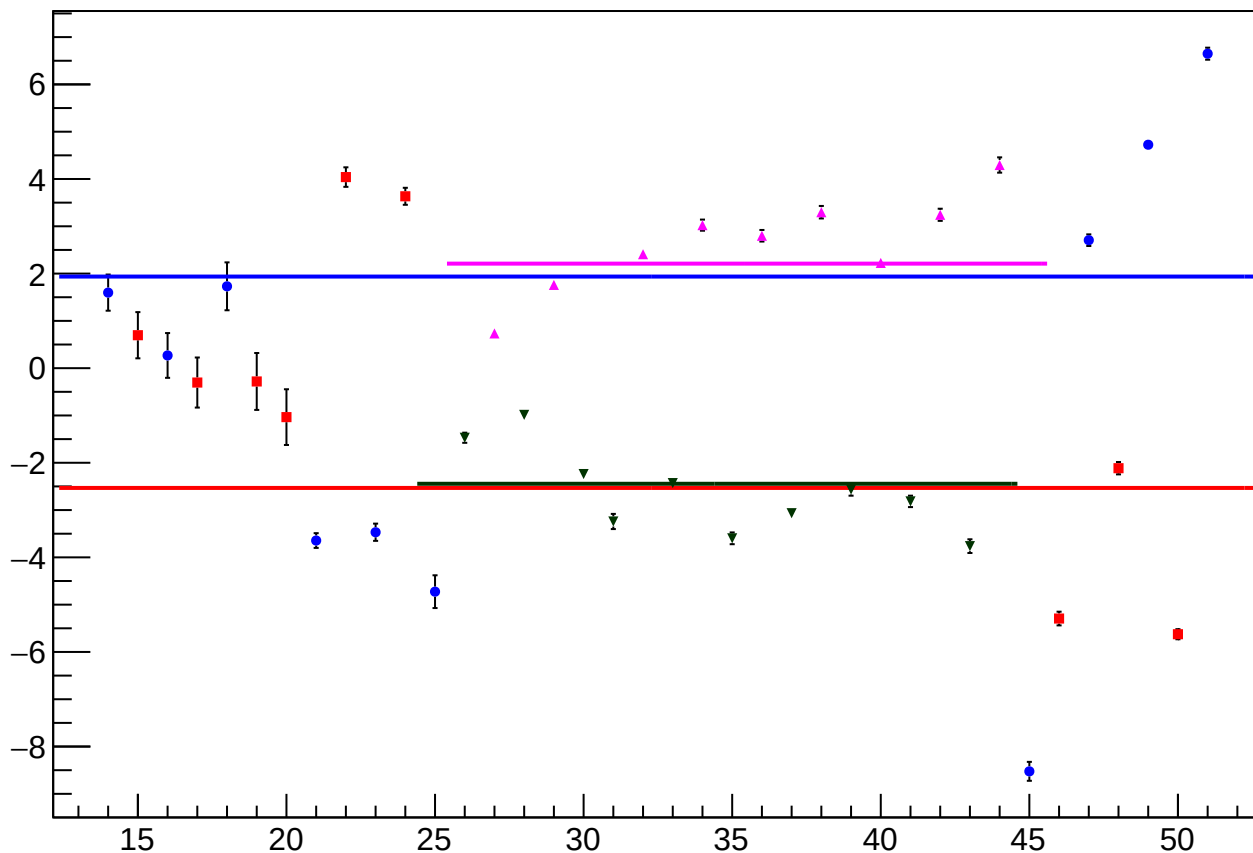
Left Out: -3.366+/-0.049 χ^2/NDF : 2347.4/9

Right Out: 1.835+/-0.080 χ^2/NDF : 466.4/8

Left In: 3.023+/-0.043 χ^2/NDF : 2701.7/8

0.081+/-0.027 χ^2/NDF : 18174.3/37

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 1.937+/-0.051 χ^2/NDF : 7741.6/9

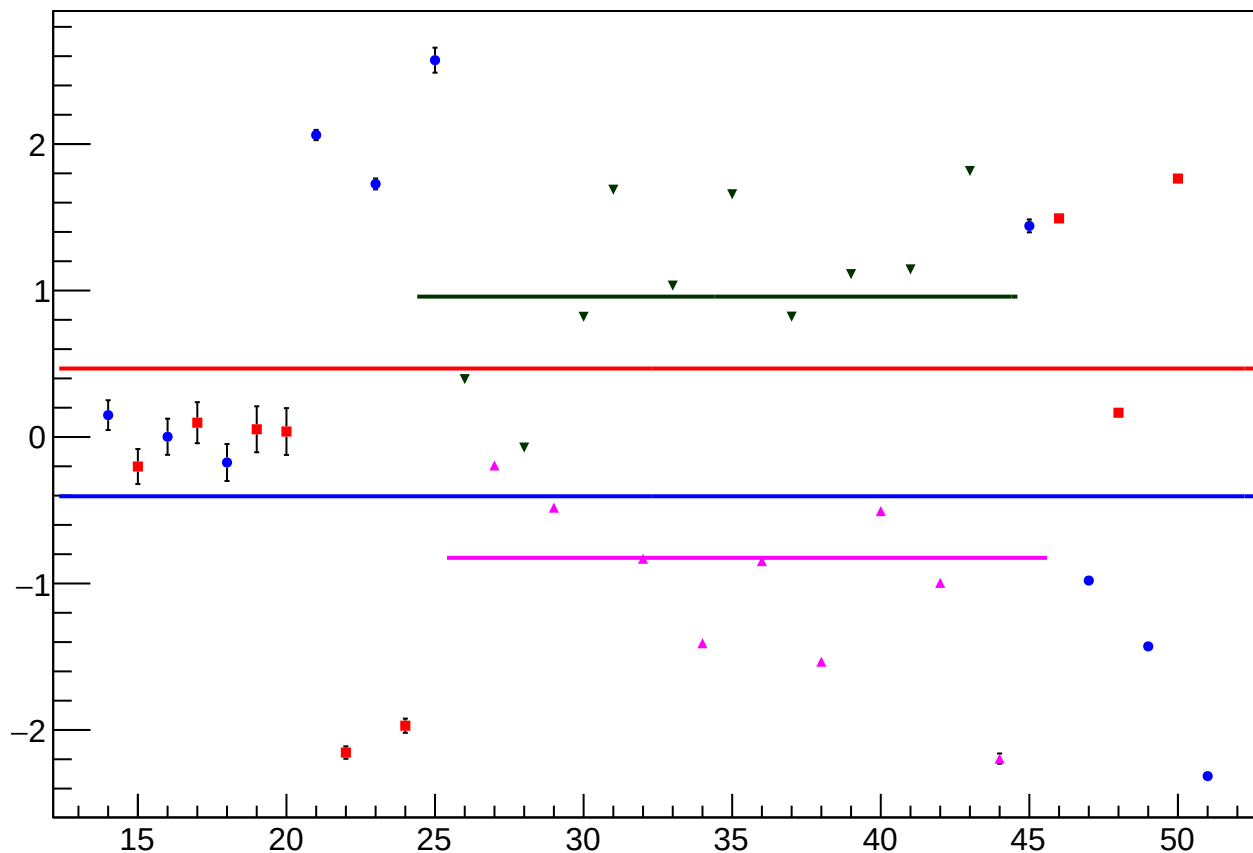
Left Out: -2.444+/-0.036 χ^2/NDF : 547.3/9

Right Out: -2.532+/-0.062 χ^2/NDF : 3483.4/8

Left In: 2.211+/-0.032 χ^2/NDF : 822.7/8

0.156+/-0.021 χ^2/NDF : 24943.7/37

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.404 ± 0.012 χ^2/NDF : 17651.7/9

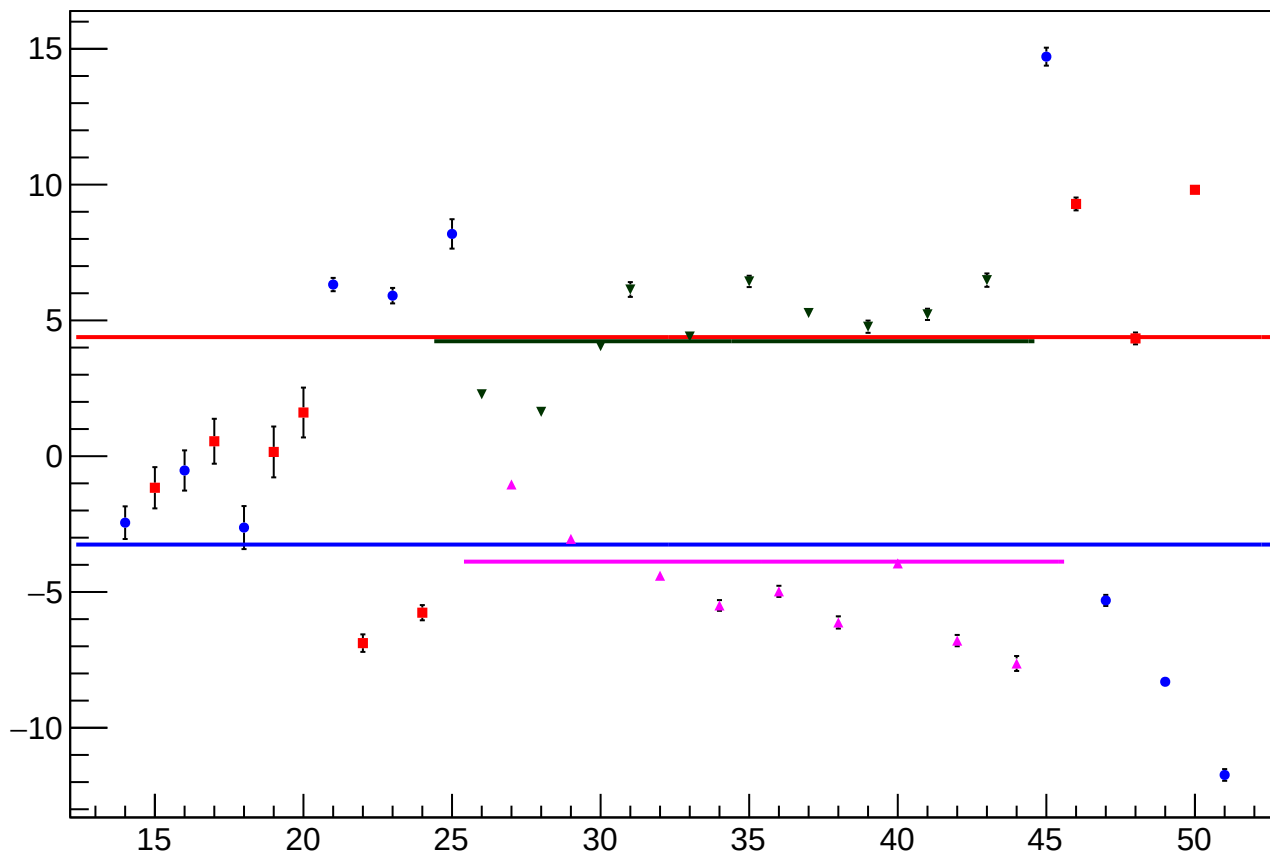
Left Out: 0.958 ± 0.008 χ^2/NDF : 4774.0/9

Right Out: 0.468 ± 0.014 χ^2/NDF : 10025.8/8

Left In: -0.825 ± 0.007 χ^2/NDF : 4028.8/8

-0.006 ± 0.005 χ^2/NDF : 66163.3/37

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -3.254 ± 0.084 $\chi^2/\text{NDF}: 8885.4/9$

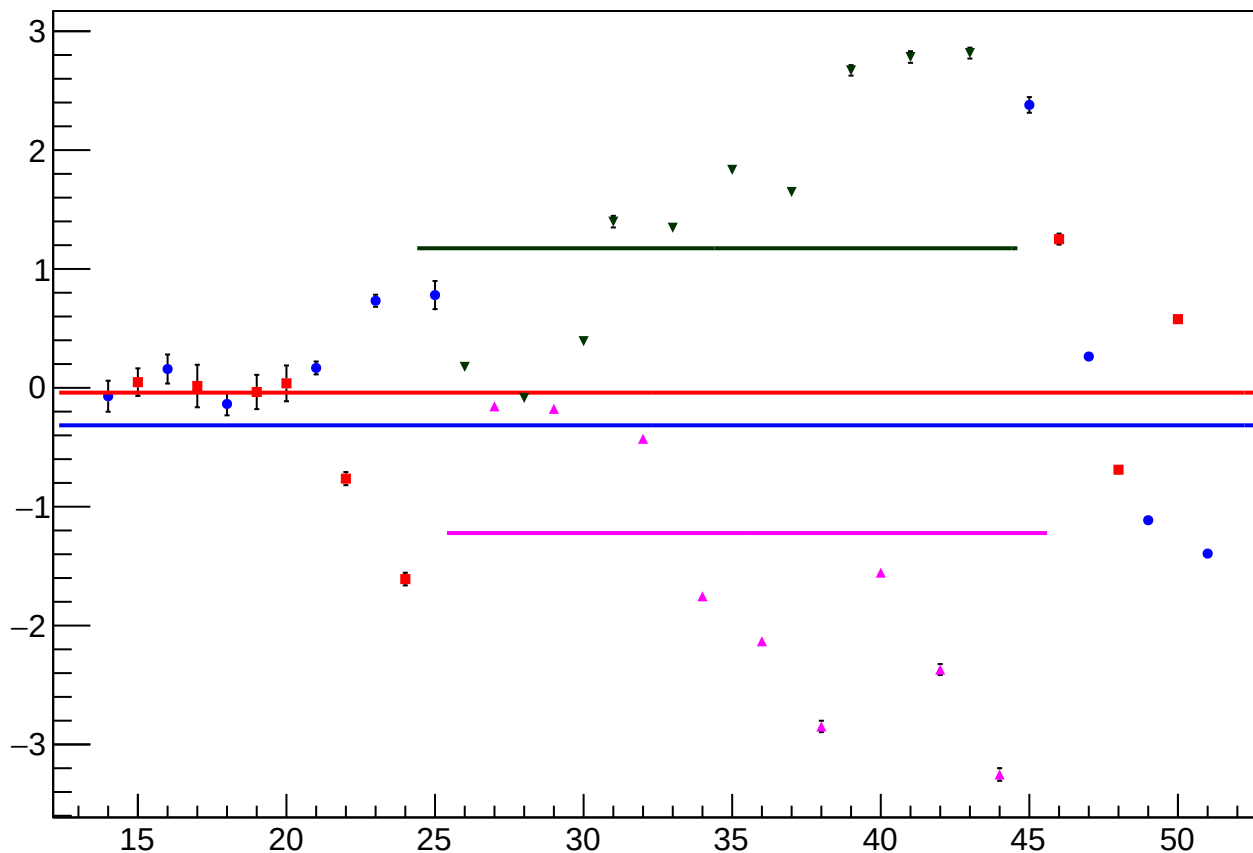
Left Out: 4.233 ± 0.060 $\chi^2/\text{NDF}: 734.7/9$

Right Out: 4.385 ± 0.101 $\chi^2/\text{NDF}: 4009.3/8$

Left In: -3.882 ± 0.053 $\chi^2/\text{NDF}: 1264.0/8$

-0.269 ± 0.034 $\chi^2/\text{NDF}: 28578.3/37$

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.315 ± 0.016 $\chi^2/\text{NDF}: 4029.2/9$

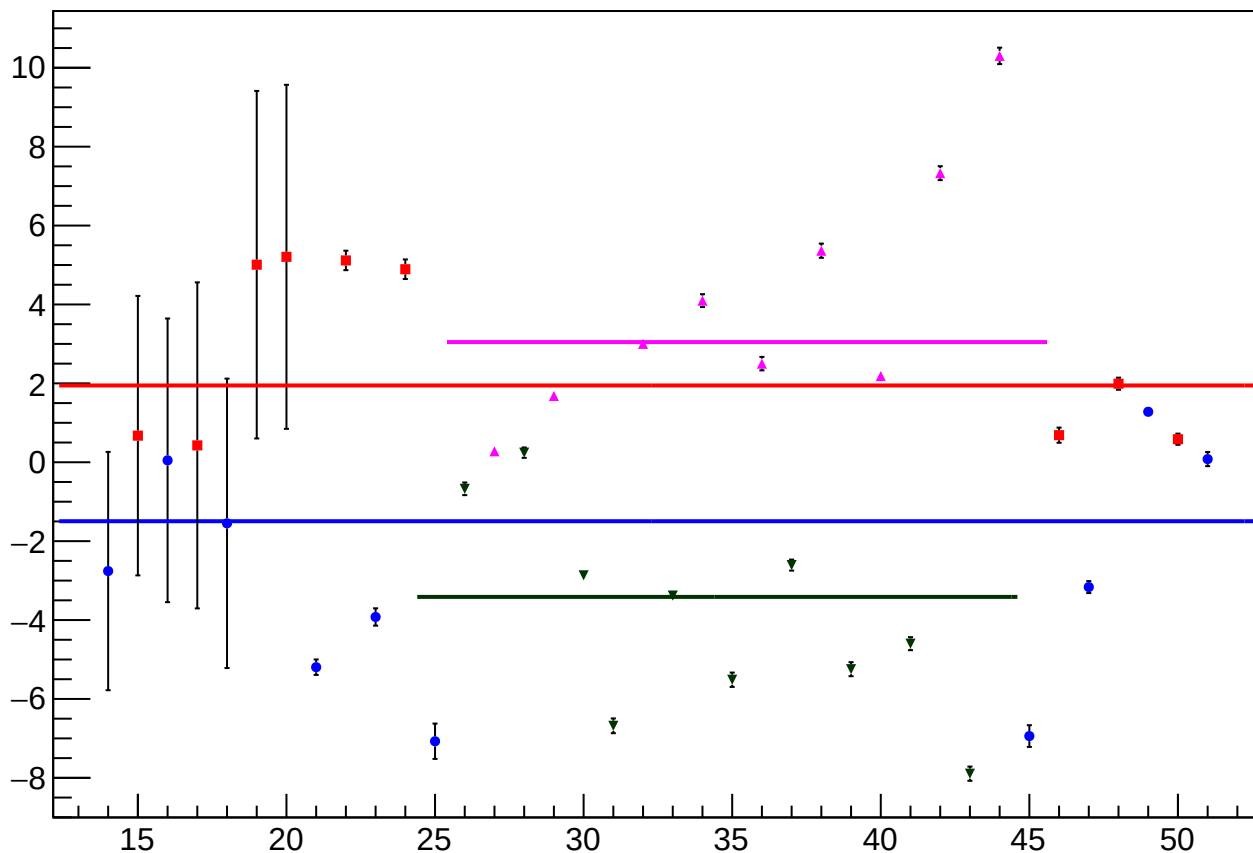
Left Out: 1.174 ± 0.011 $\chi^2/\text{NDF}: 8236.9/9$

-0.035 ± 0.006 $\chi^2/\text{NDF}: 47691.8/37$

Right Out: -0.041 ± 0.018 $\chi^2/\text{NDF}: 2464.6/8$

Left In: -1.222 ± 0.011 $\chi^2/\text{NDF}: 7856.5/8$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -1.495+/-0.065 χ^2/NDF : 1970.5/9

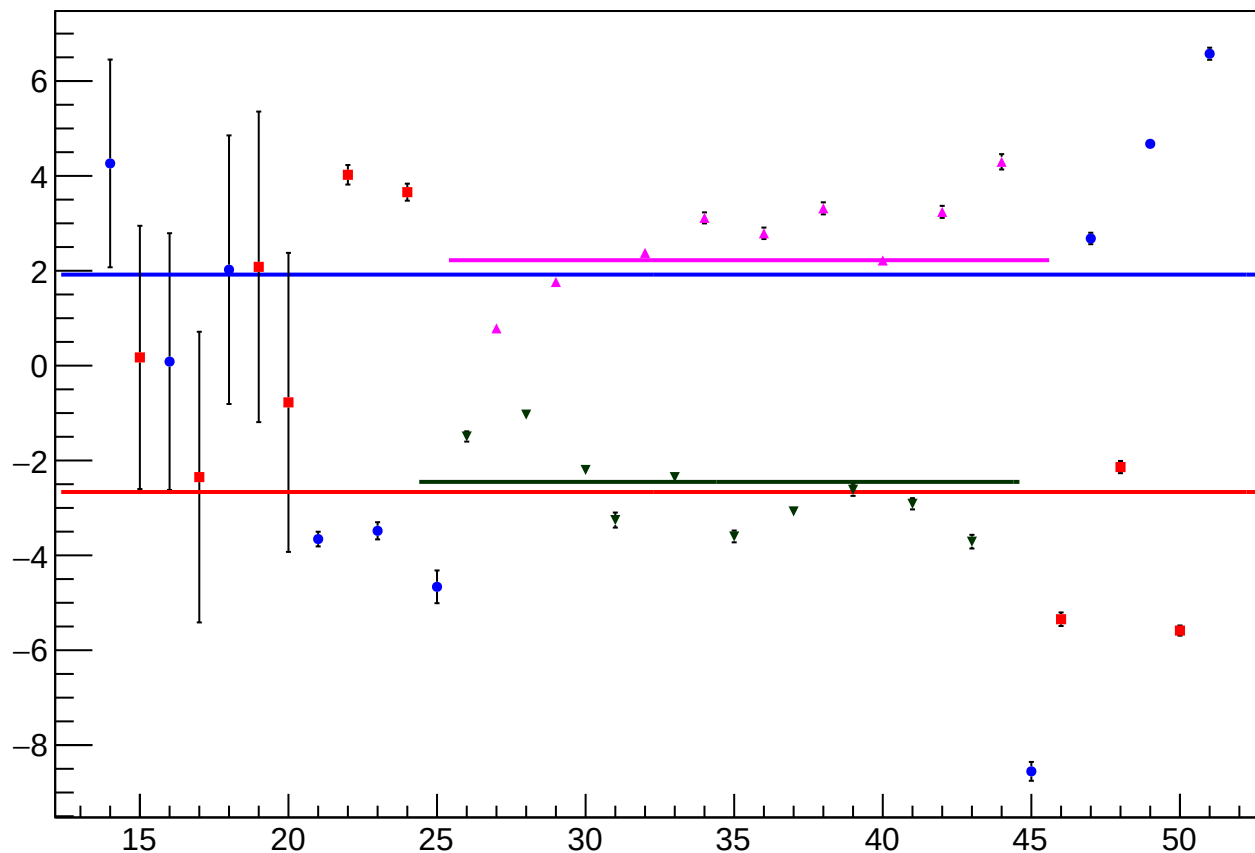
Left Out: -3.413+/-0.048 χ^2/NDF : 2330.4/9

Right Out: 1.946+/-0.081 χ^2/NDF : 442.3/8

Left In: 3.046+/-0.043 χ^2/NDF : 2807.6/8

0.091+/-0.027 χ^2/NDF : 18732.9/37

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 1.919+/-0.052 χ^2/NDF : 7740.4/9

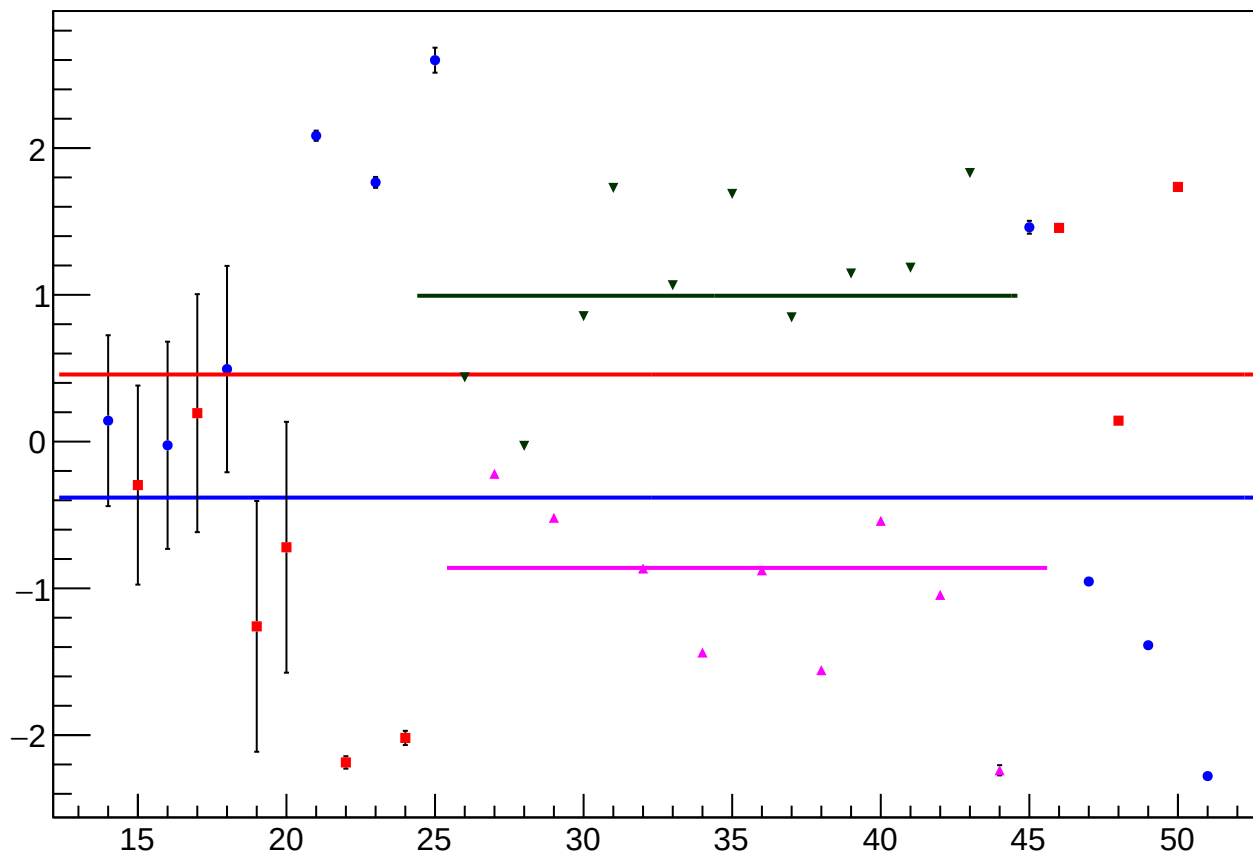
Left Out: -2.451+/-0.036 χ^2/NDF : 538.5/9

Right Out: -2.664+/-0.063 χ^2/NDF : 3414.6/8

Left In: 2.223+/-0.032 χ^2/NDF : 822.3/8

0.155+/-0.020 χ^2/NDF : 25202.9/37

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.382 ± 0.012 $\chi^2/\text{NDF}: 17668.4/9$

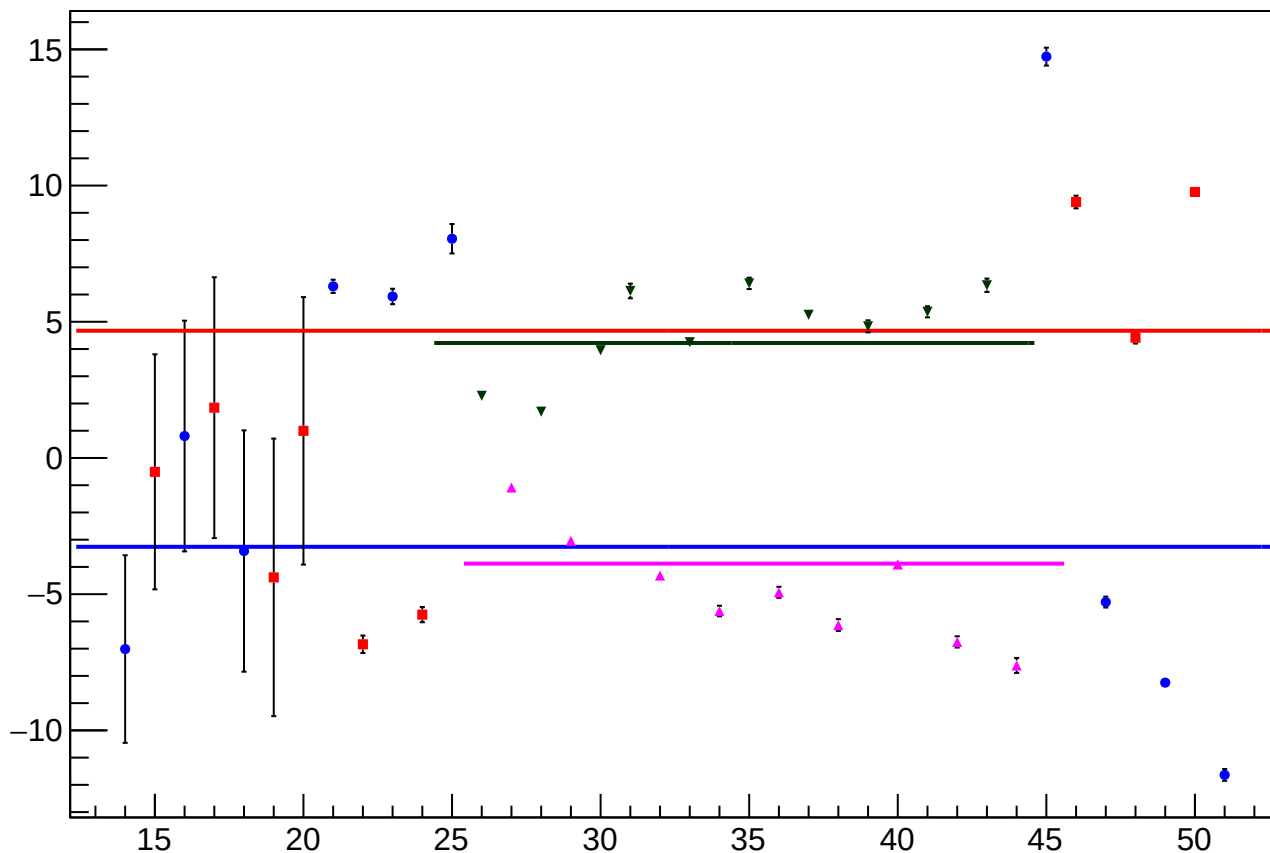
Left Out: 0.994 ± 0.008 $\chi^2/\text{NDF}: 4757.6/9$

Right Out: 0.457 ± 0.014 $\chi^2/\text{NDF}: 10057.9/8$

Left In: -0.861 ± 0.007 $\chi^2/\text{NDF}: 4134.7/8$

-0.009 ± 0.005 $\chi^2/\text{NDF}: 69017.0/37$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -3.261 ± 0.085 $\chi^2/\text{NDF}: 8881.4/9$

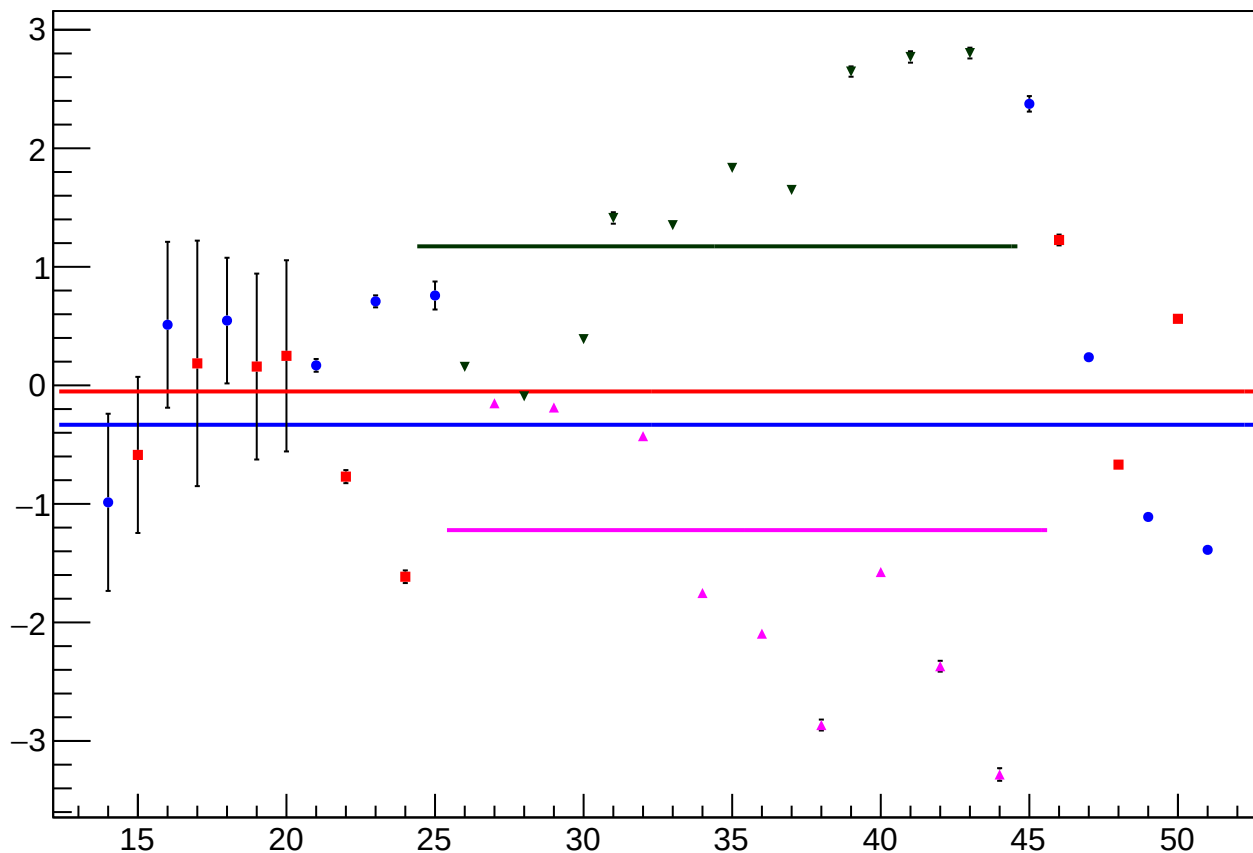
Left Out: 4.222 ± 0.059 $\chi^2/\text{NDF}: 718.8/9$

Right Out: 4.671 ± 0.103 $\chi^2/\text{NDF}: 3915.7/8$

Left In: -3.878 ± 0.052 $\chi^2/\text{NDF}: 1271.0/8$

-0.264 ± 0.034 $\chi^2/\text{NDF}: 28792.6/37$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.333 ± 0.017 χ^2/NDF : 3985.7/9

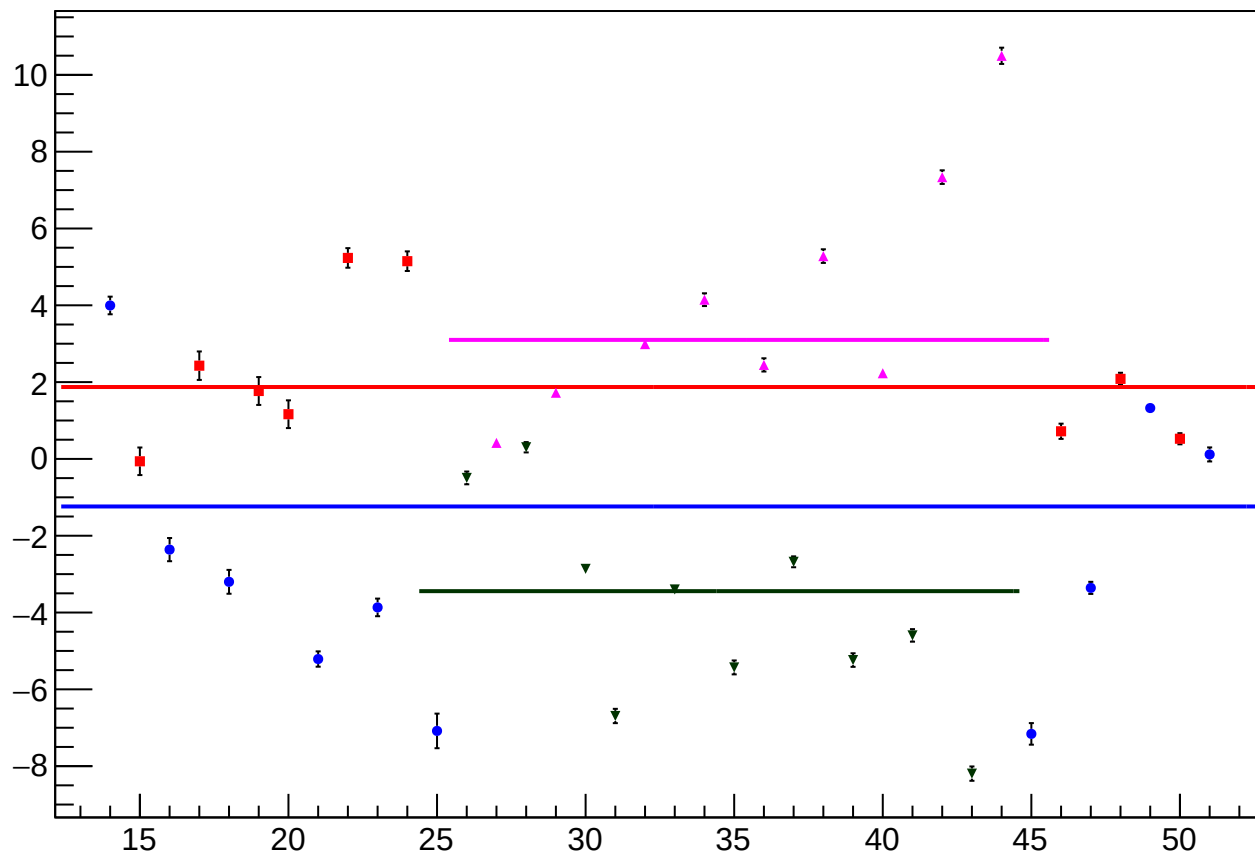
Left Out: 1.173 ± 0.010 χ^2/NDF : 8374.7/9

Right Out: -0.051 ± 0.019 χ^2/NDF : 2438.8/8

Left In: -1.221 ± 0.011 χ^2/NDF : 8099.0/8

-0.039 ± 0.006 χ^2/NDF : 48486.0/37

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -1.238+/-0.062 χ^2/NDF : 2542.1/9

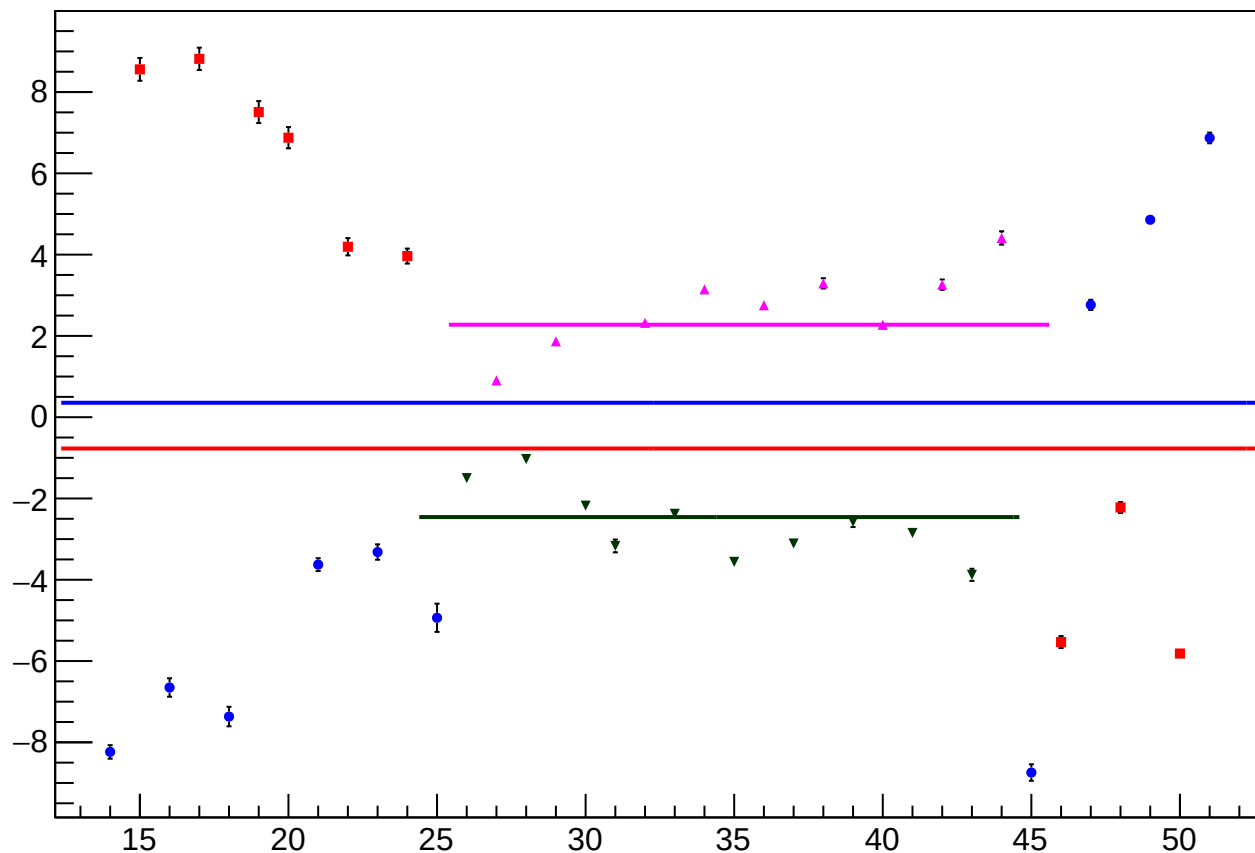
Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

Right Out: 1.872+/-0.076 χ^2/NDF : 494.9/8

Left In: 3.099+/-0.043 χ^2/NDF : 2713.8/8

0.141+/-0.027 χ^2/NDF : 19218.6/37

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 0.355+/-0.049 χ^2/NDF : 13343.9/9

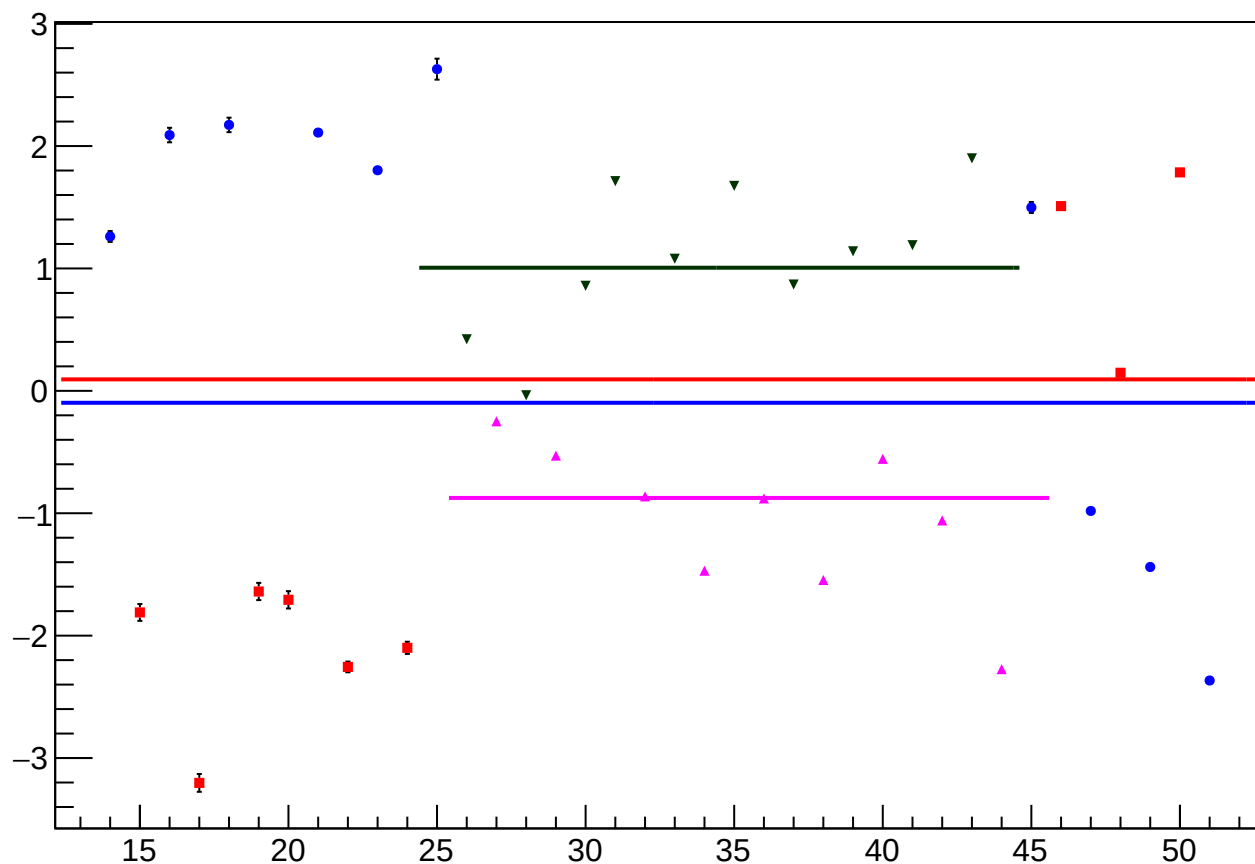
Left Out: -2.458+/-0.036 χ^2/NDF : 528.1/9

Right Out: -0.770+/-0.059 χ^2/NDF : 8597.6/8

Left In: 2.276+/-0.032 χ^2/NDF : 728.7/8

0.117+/-0.020 χ^2/NDF : 33006.6/37

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.098 ± 0.011 χ^2/NDF : 22005.9/9

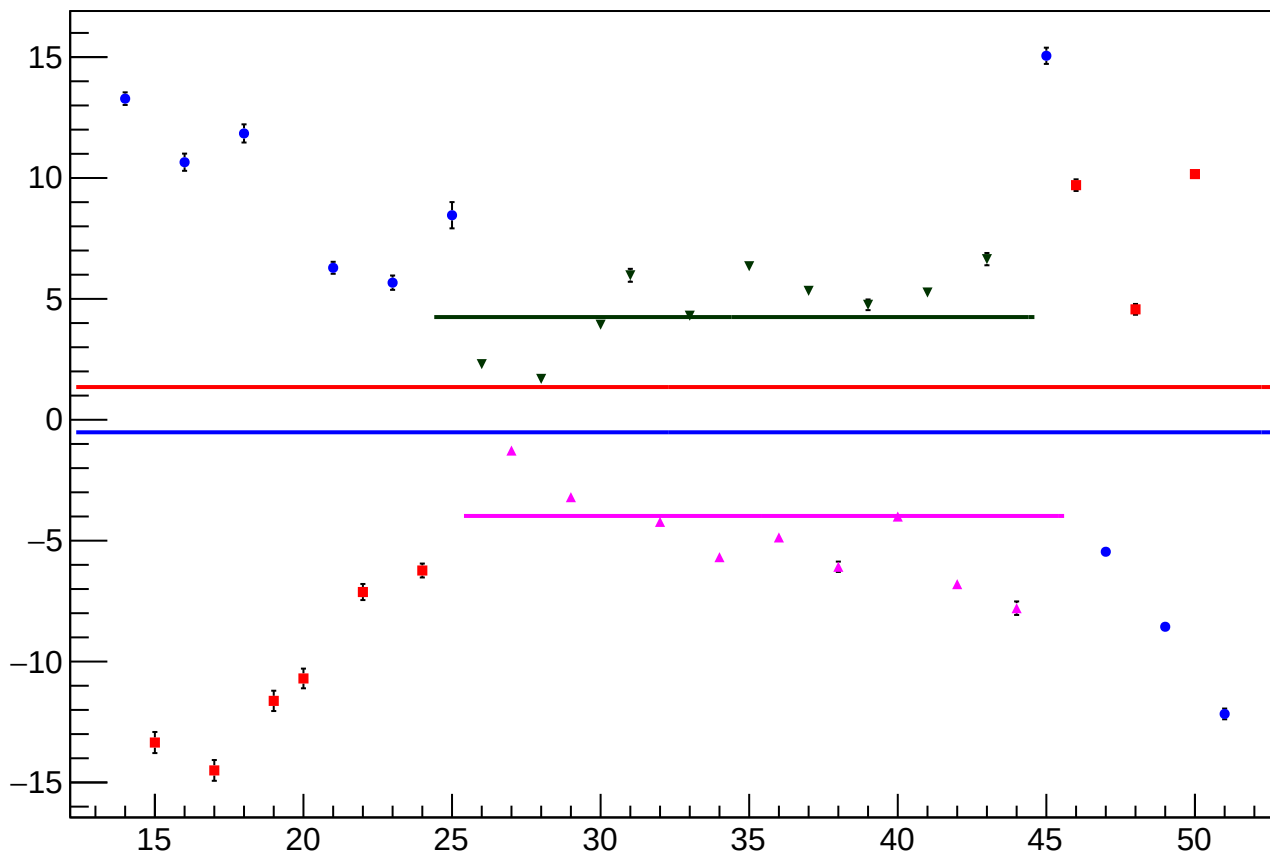
Left Out: 1.006 ± 0.008 χ^2/NDF : 4706.2/9

Right Out: 0.094 ± 0.014 χ^2/NDF : 14850.5/8

Left In: -0.875 ± 0.007 χ^2/NDF : 3999.8/8

-0.007 ± 0.005 χ^2/NDF : 76256.2/37

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -0.518+/-0.079 χ^2/NDF : 14817.5/9

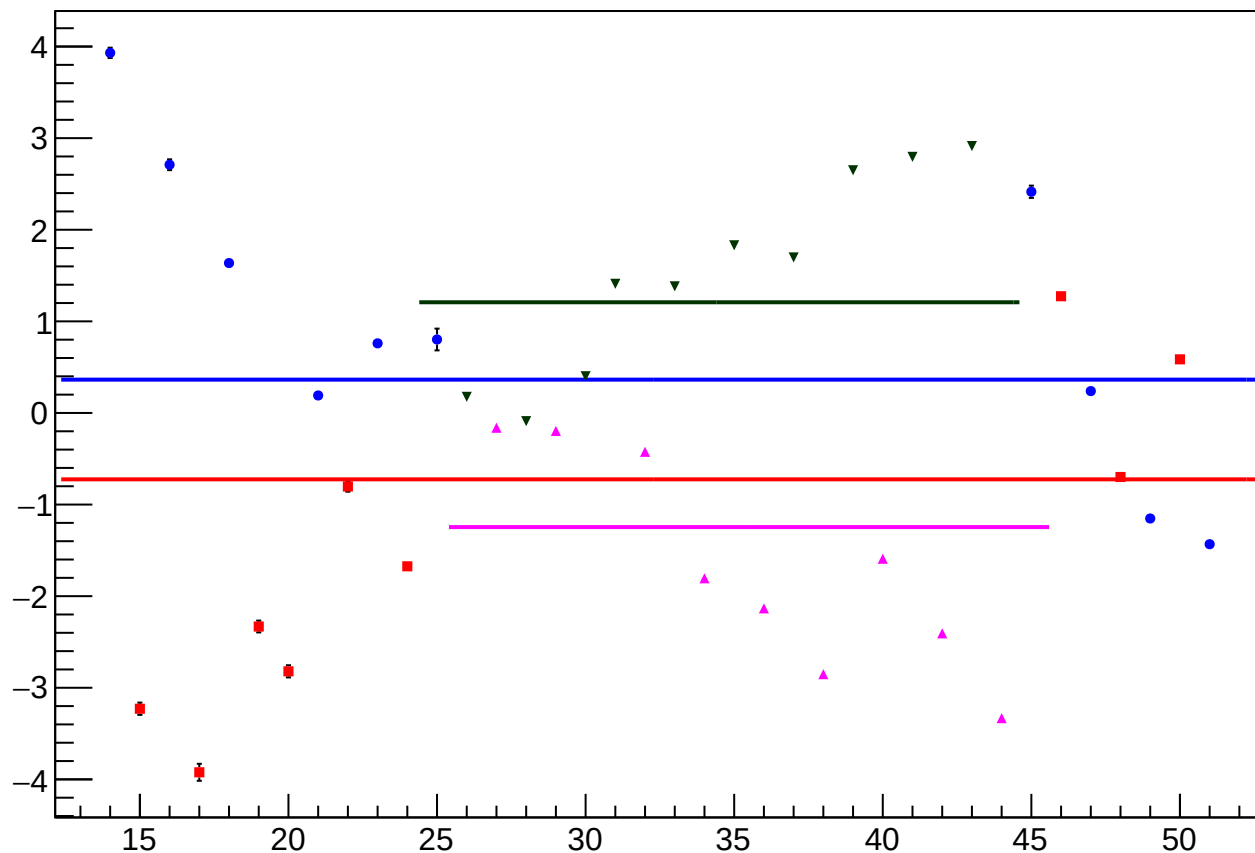
Left Out: 4.248+/-0.060 χ^2/NDF : 701.0/9

-0.193+/-0.033 χ^2/NDF : 36931.7/37

Right Out: 1.353+/-0.095 χ^2/NDF : 9452.5/8

Left In: -3.978+/-0.053 χ^2/NDF : 1142.7/8

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 0.364 $\pm$ 0.015 χ^2 /NDF: 12094.6/9

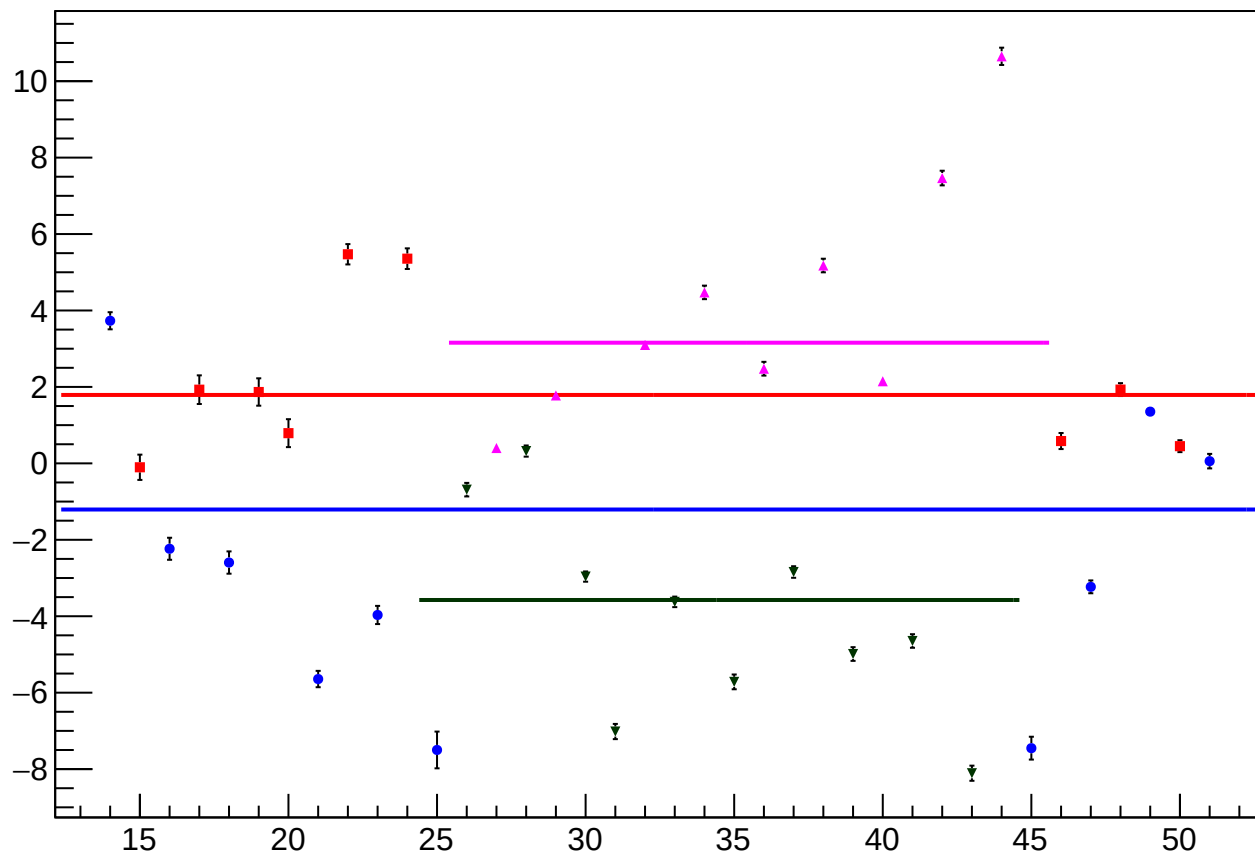
Left Out: 1.208 $\pm$ 0.011 χ^2 /NDF: 8311.9/9

Right Out: -0.725 $\pm$ 0.017 χ^2 /NDF: 7879.1/8

Left In: -1.246 $\pm$ 0.011 χ^2 /NDF: 8116.3/8

-0.015 $\pm$ 0.006 χ^2 /NDF: 64635.1/37

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -1.208 ± 0.064 χ^2/NDF : 2419.6/9

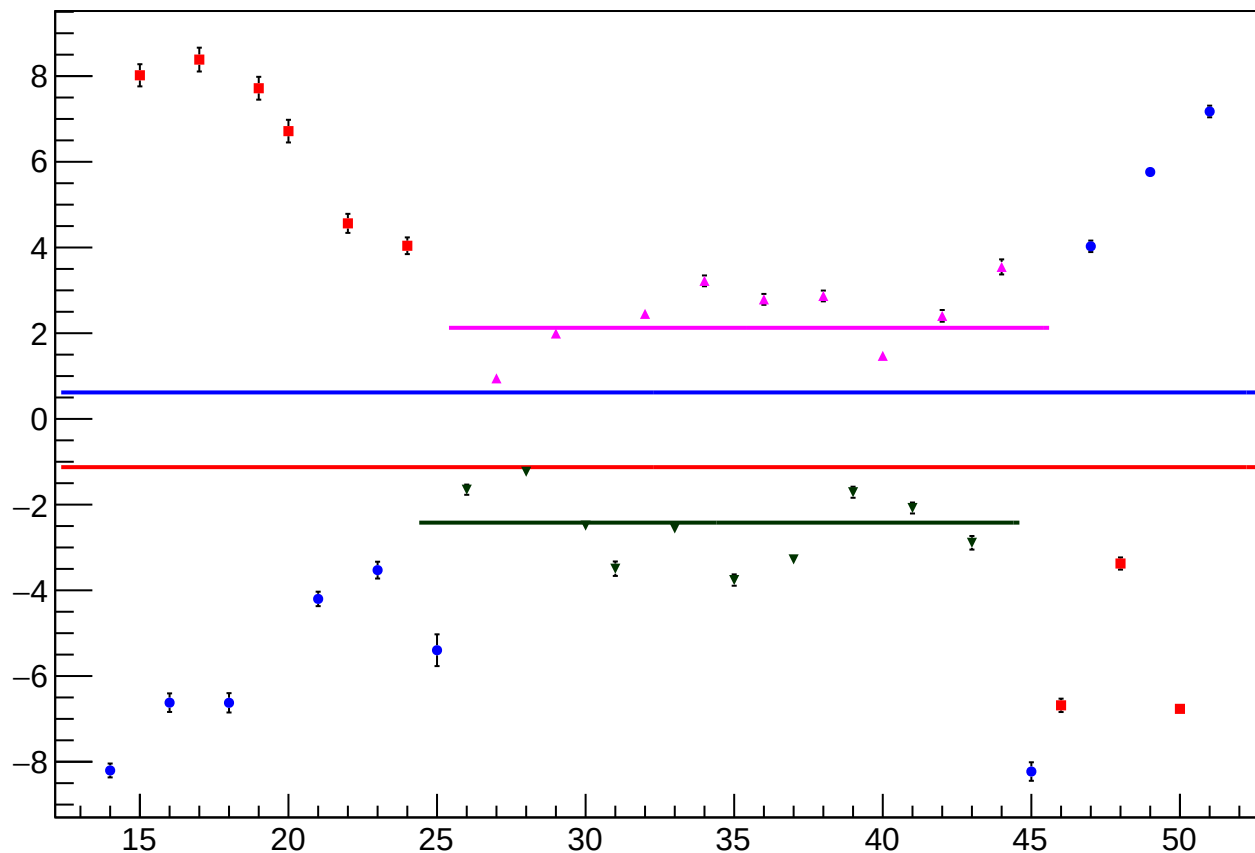
Left Out: -3.575 ± 0.052 χ^2/NDF : 2062.7/9

Right Out: 1.790 ± 0.079 χ^2/NDF : 513.7/8

Left In: 3.157 ± 0.046 χ^2/NDF : 2491.7/8

0.123 ± 0.028 χ^2/NDF : 17774.9/37

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 0.618 ± 0.050 $\chi^2/\text{NDF}: 14359.1/9$

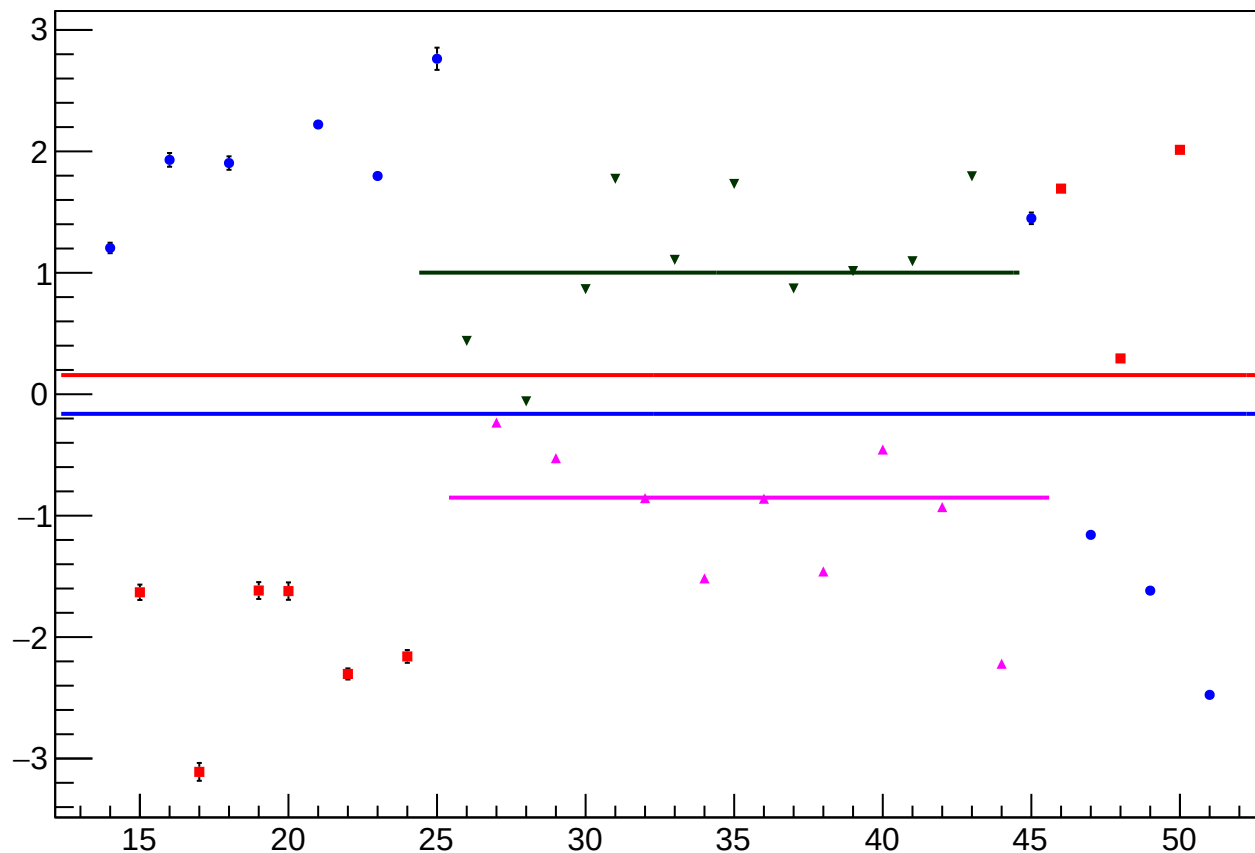
Left Out: -2.420 ± 0.039 $\chi^2/\text{NDF}: 411.6/9$

Right Out: -1.126 ± 0.061 $\chi^2/\text{NDF}: 9574.8/8$

Left In: 2.126 ± 0.034 $\chi^2/\text{NDF}: 510.2/8$

0.085 ± 0.021 $\chi^2/\text{NDF}: 33156.3/37$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -0.161 ± 0.012 χ^2/NDF : 22133.9/9

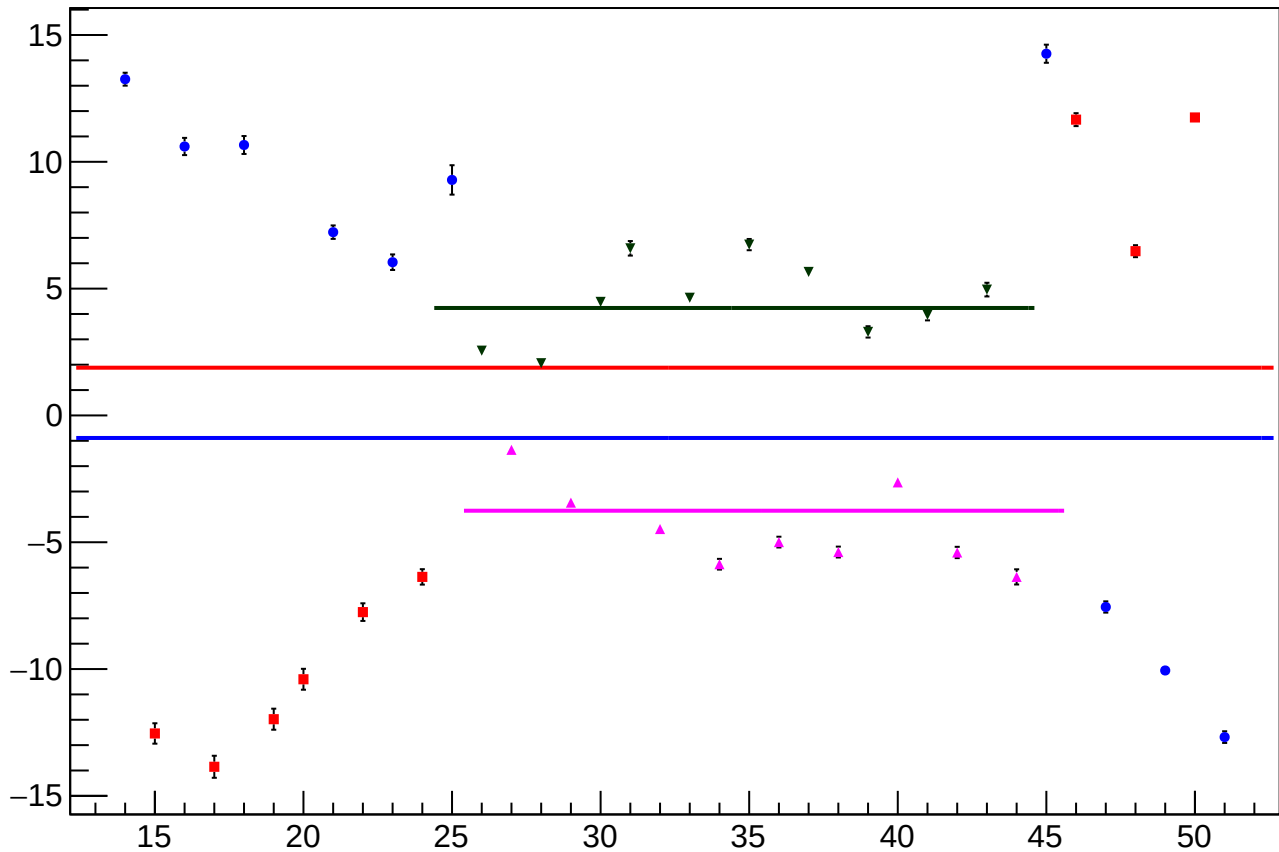
Left Out: 1.001 ± 0.008 χ^2/NDF : 4123.3/9

Right Out: 0.158 ± 0.014 χ^2/NDF : 15146.1/8

Left In: -0.851 ± 0.008 χ^2/NDF : 3579.2/8

-0.007 ± 0.005 χ^2/NDF : 71495.7/37

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -0.889 ± 0.082 $\chi^2/\text{NDF}: 15950.1/9$

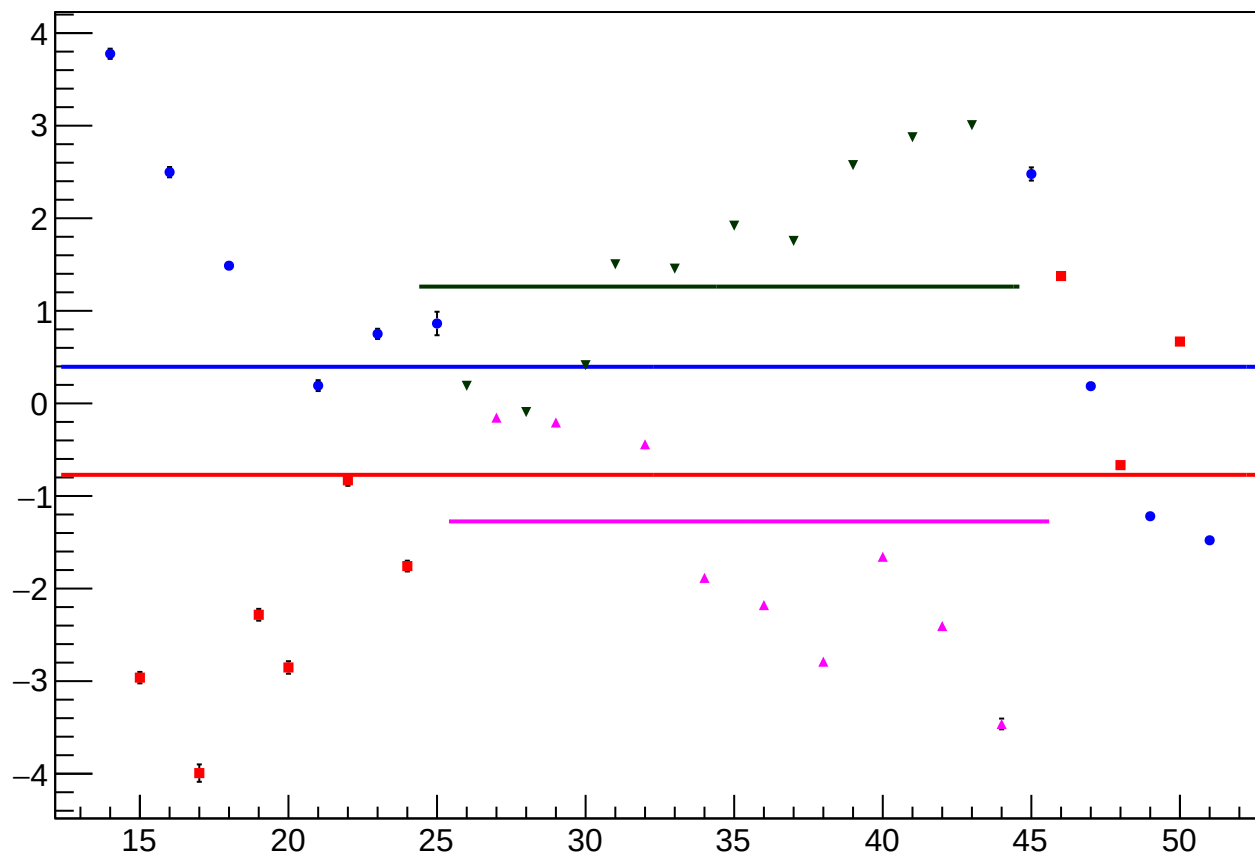
Left Out: 4.237 ± 0.064 $\chi^2/\text{NDF}: 532.8/9$

Right Out: 1.882 ± 0.099 $\chi^2/\text{NDF}: 10540.3/8$

Left In: -3.757 ± 0.056 $\chi^2/\text{NDF}: 807.9/8$

-0.135 ± 0.035 $\chi^2/\text{NDF}: 37135.0/37$

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 0.396 $\pm$ 0.015 χ^2 /NDF: 11623.4/9

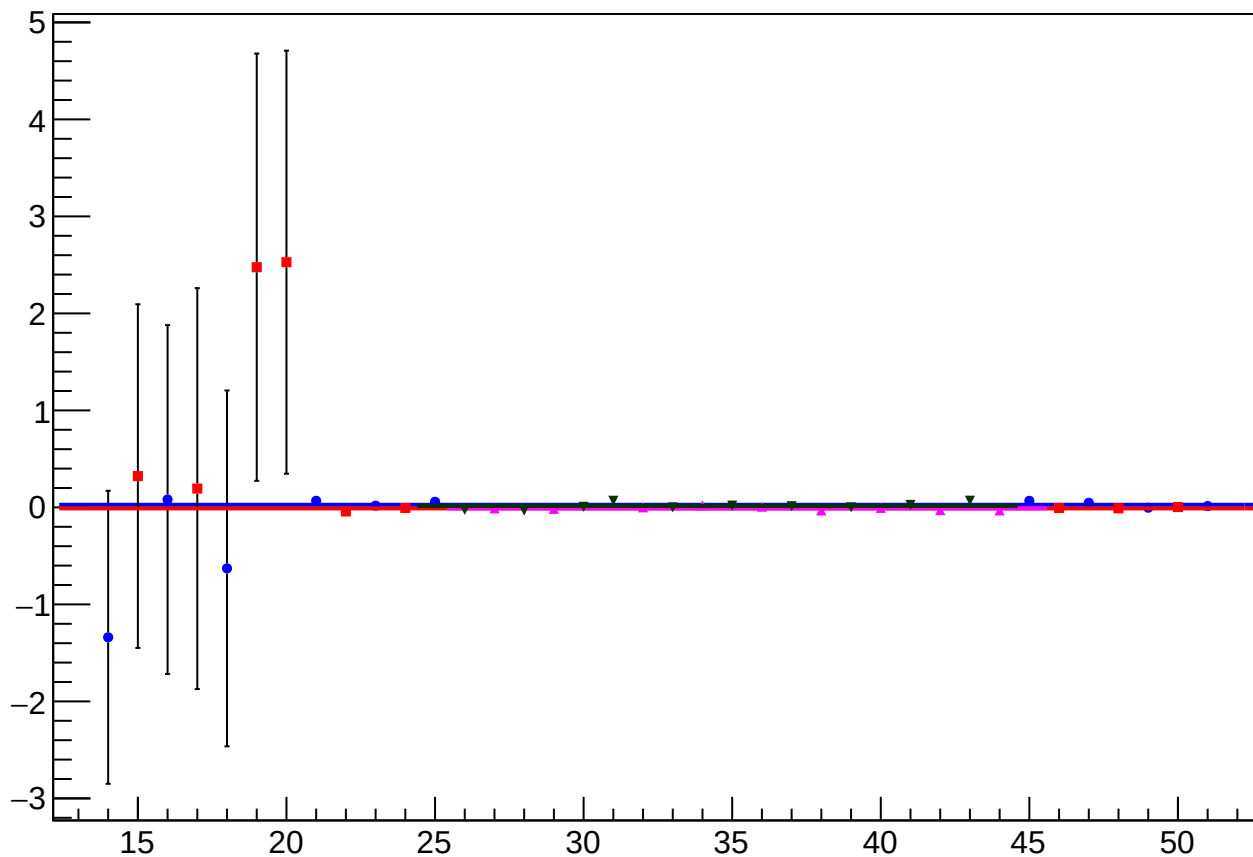
Left Out: 1.262 $\pm$ 0.011 χ^2 /NDF: 7575.4/9

Right Out: -0.772 $\pm$ 0.018 χ^2 /NDF: 7771.1/8

Left In: -1.275 $\pm$ 0.012 χ^2 /NDF: 7555.9/8

-0.010 $\pm$ 0.007 χ^2 /NDF: 61407.7/37

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.027 $\pm$ 0.007 χ^2 /NDF: 20.7/9

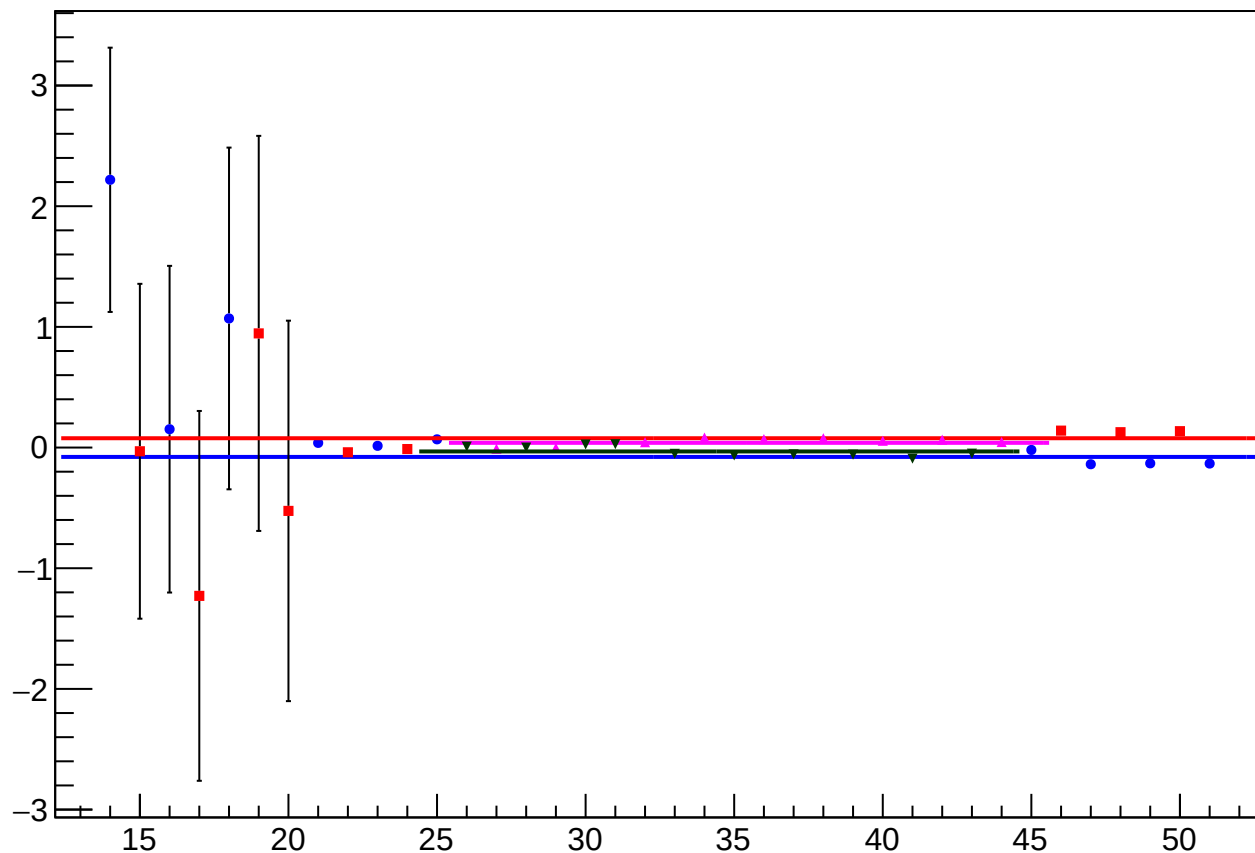
Left Out: 0.015 $\pm$ 0.006 χ^2 /NDF:28.5/9

Right Out: -0.011 $\pm$ 0.009 χ^2 /NDF: 5.9/8

Left In: -0.010 $\pm$ 0.006 χ^2 /NDF:5.5/8

0.006 $\pm$ 0.003 χ^2 /NDF: 83.3/37

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.078 ± 0.005 χ^2/NDF : 205.0/9

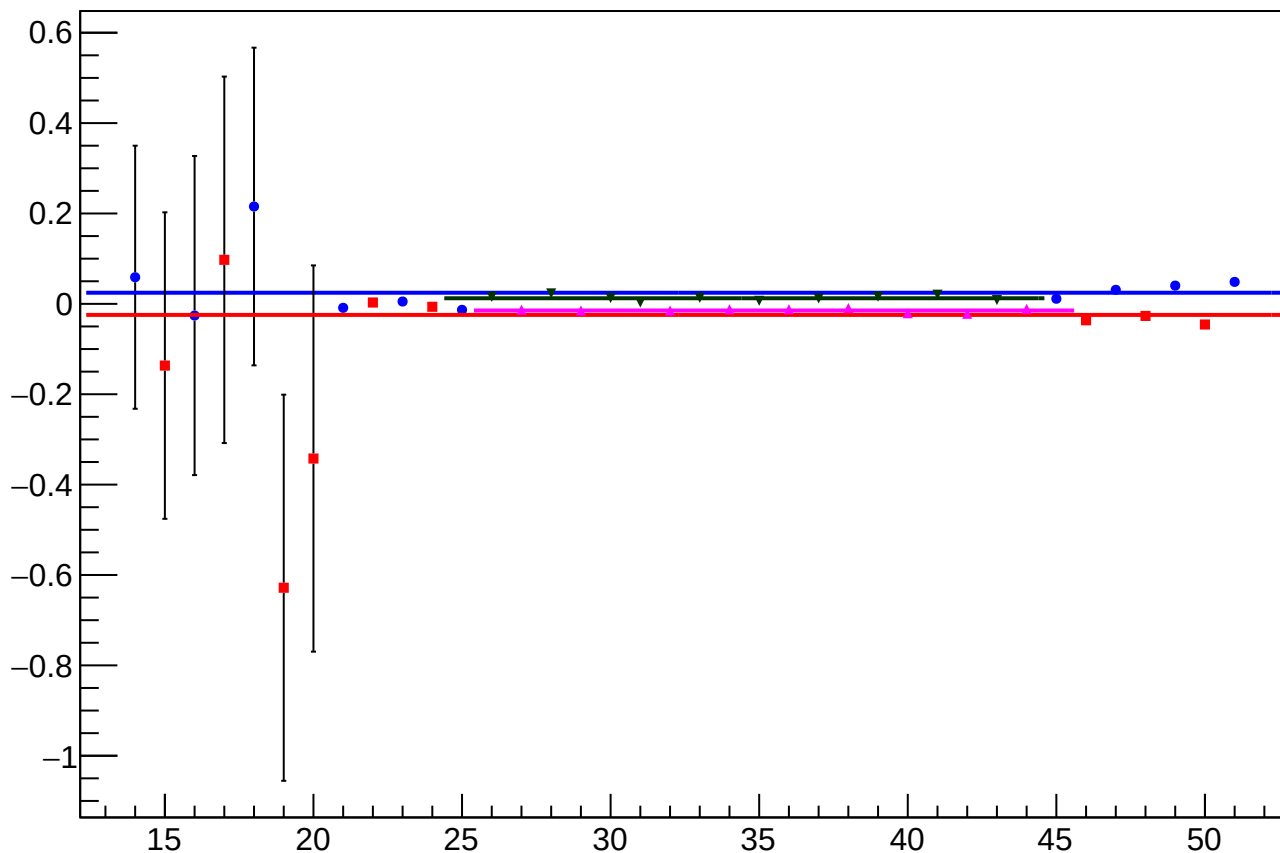
Left Out: -0.032 ± 0.005 χ^2/NDF : 66.2/9

Right Out: 0.077 ± 0.007 χ^2/NDF : 134.3/8

Left In: 0.039 ± 0.005 χ^2/NDF : 49.7/8

-0.004 ± 0.003 χ^2/NDF : 930.2/37

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.025 ± 0.001 χ^2/NDF : 288.8/9

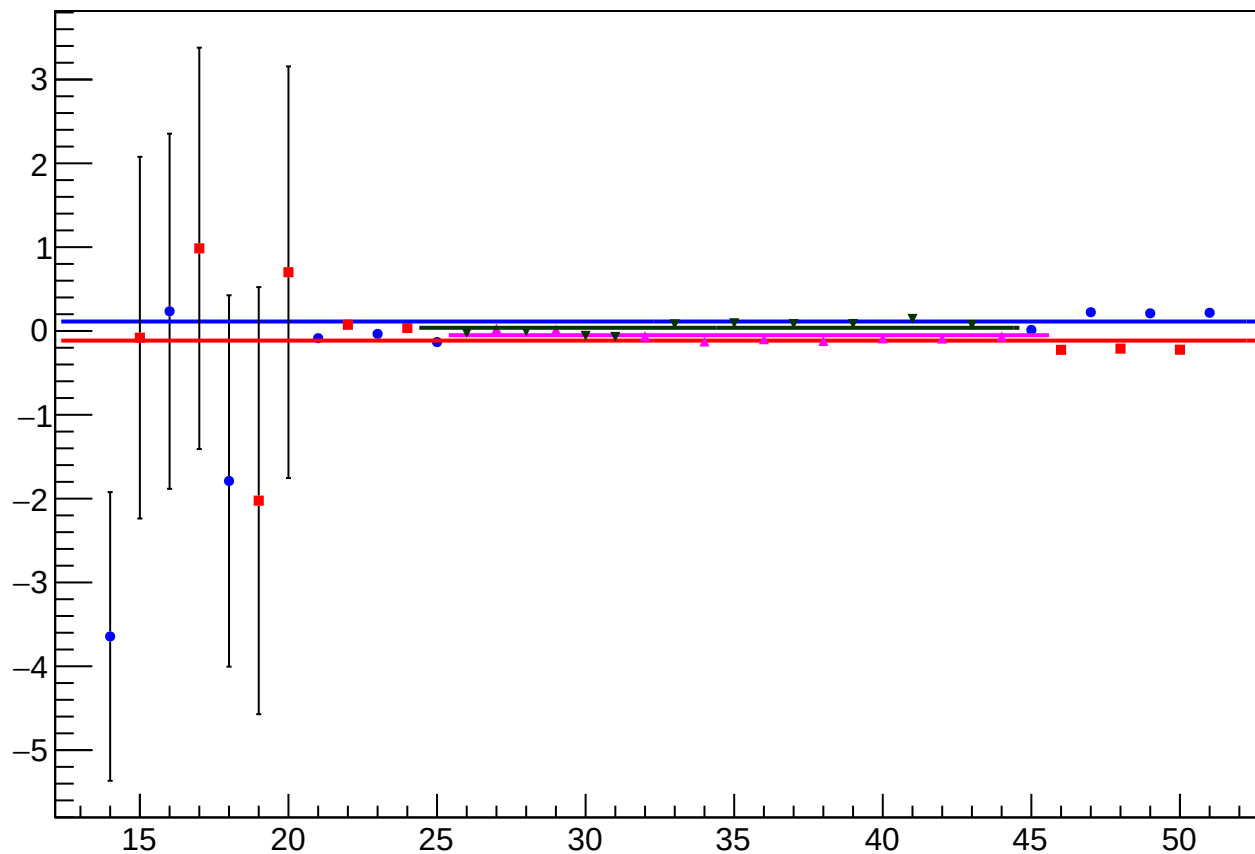
Left Out: 0.012 ± 0.001 χ^2/NDF : 32.8/9

Right Out: -0.024 ± 0.002 χ^2/NDF : 145.5/8

Left In: -0.015 ± 0.001 χ^2/NDF : 13.5/8

0.002 ± 0.001 χ^2/NDF : 1494.2/37

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.113 ± 0.009 χ^2/NDF : 241.1/9

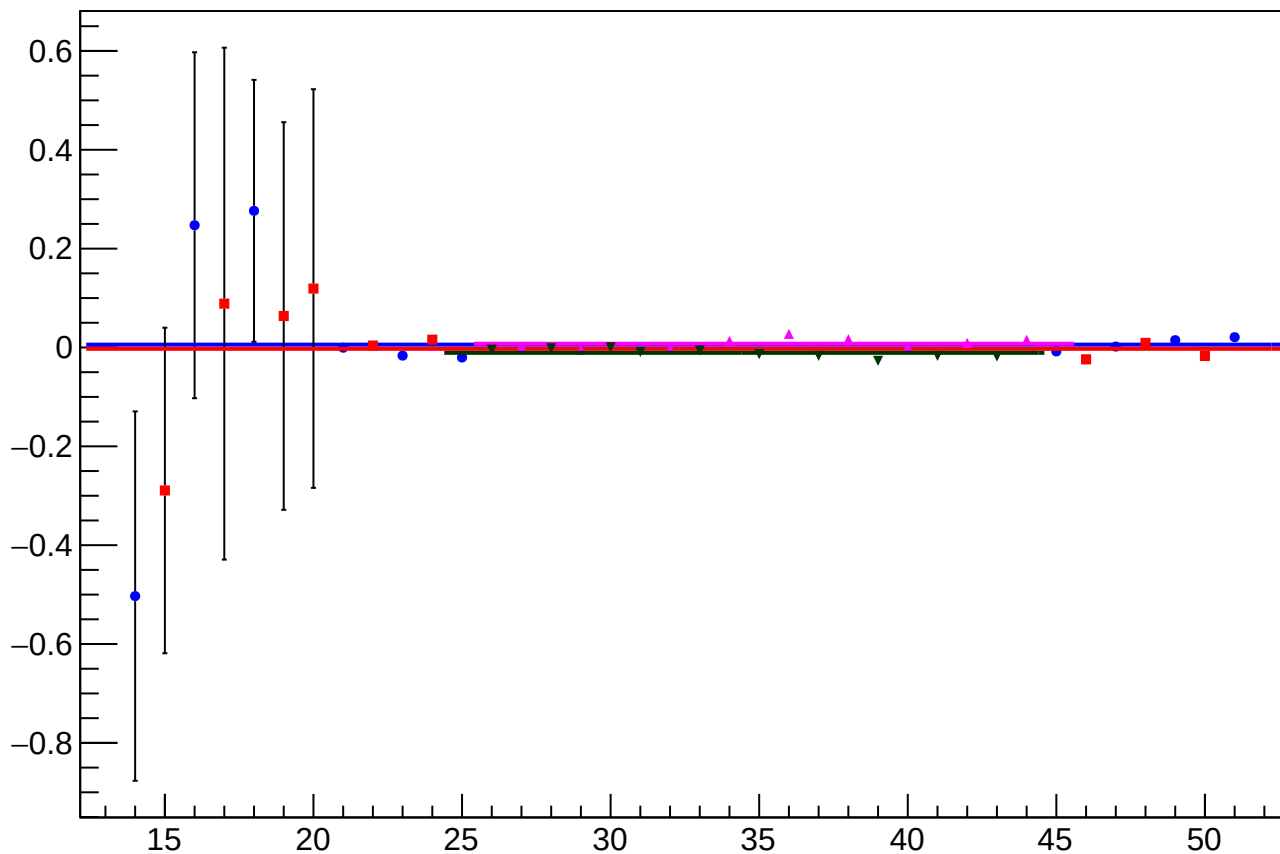
Left Out: 0.038 ± 0.008 χ^2/NDF : 68.8/9

Right Out: -0.115 ± 0.011 χ^2/NDF : 154.4/8

Left In: -0.050 ± 0.008 χ^2/NDF : 51.3/8

0.005 ± 0.004 χ^2/NDF : 870.9/37

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.006+/-0.002 χ^2/NDF : 62.3/9

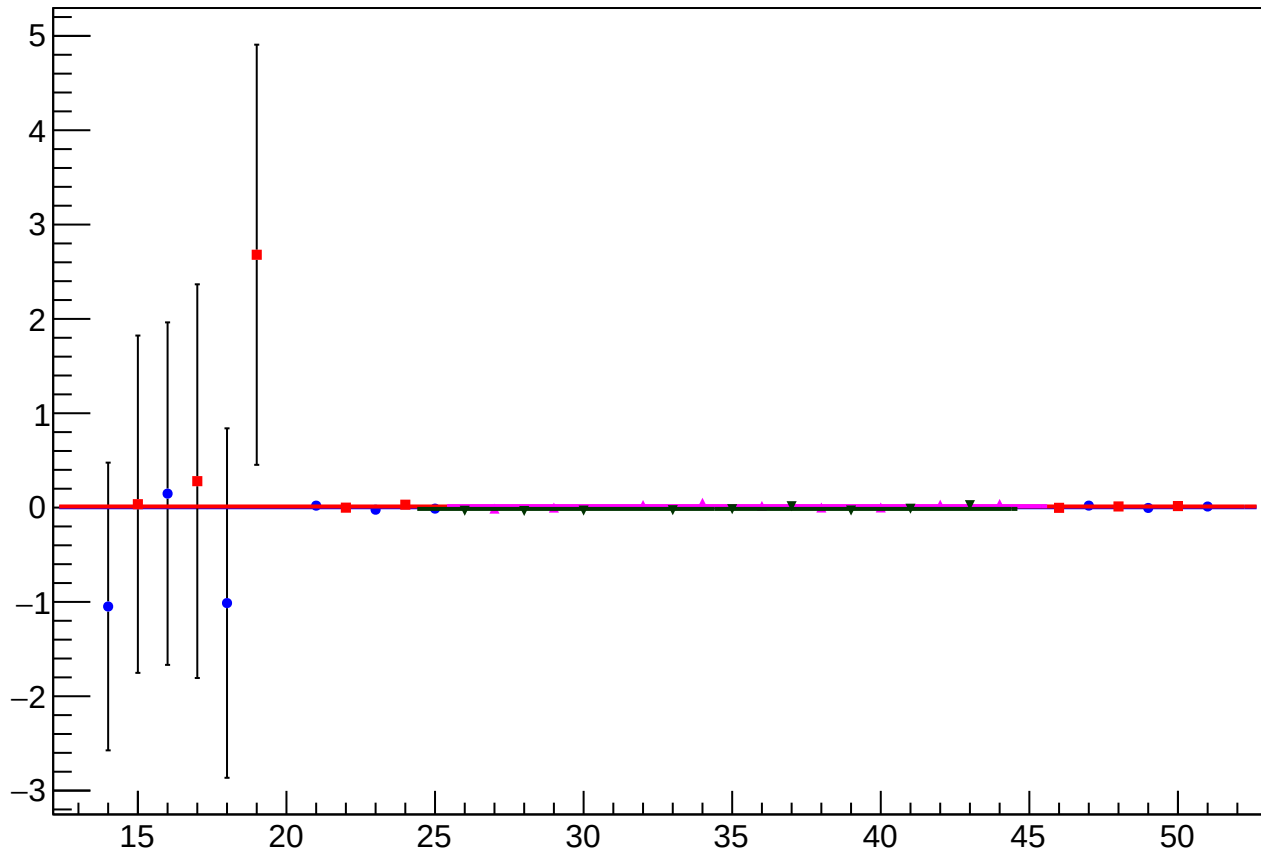
Left Out: -0.011+/-0.001 χ^2/NDF : 34.9/9

Right Out: -0.003+/-0.002 χ^2/NDF : 60.4/8

Left In: 0.008+/-0.002 χ^2/NDF : 44.0/8

-0.001+/-0.001 χ^2/NDF : 301.7/37

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.003 $\pm$ 0.007 χ^2 /NDF: 4.0/8

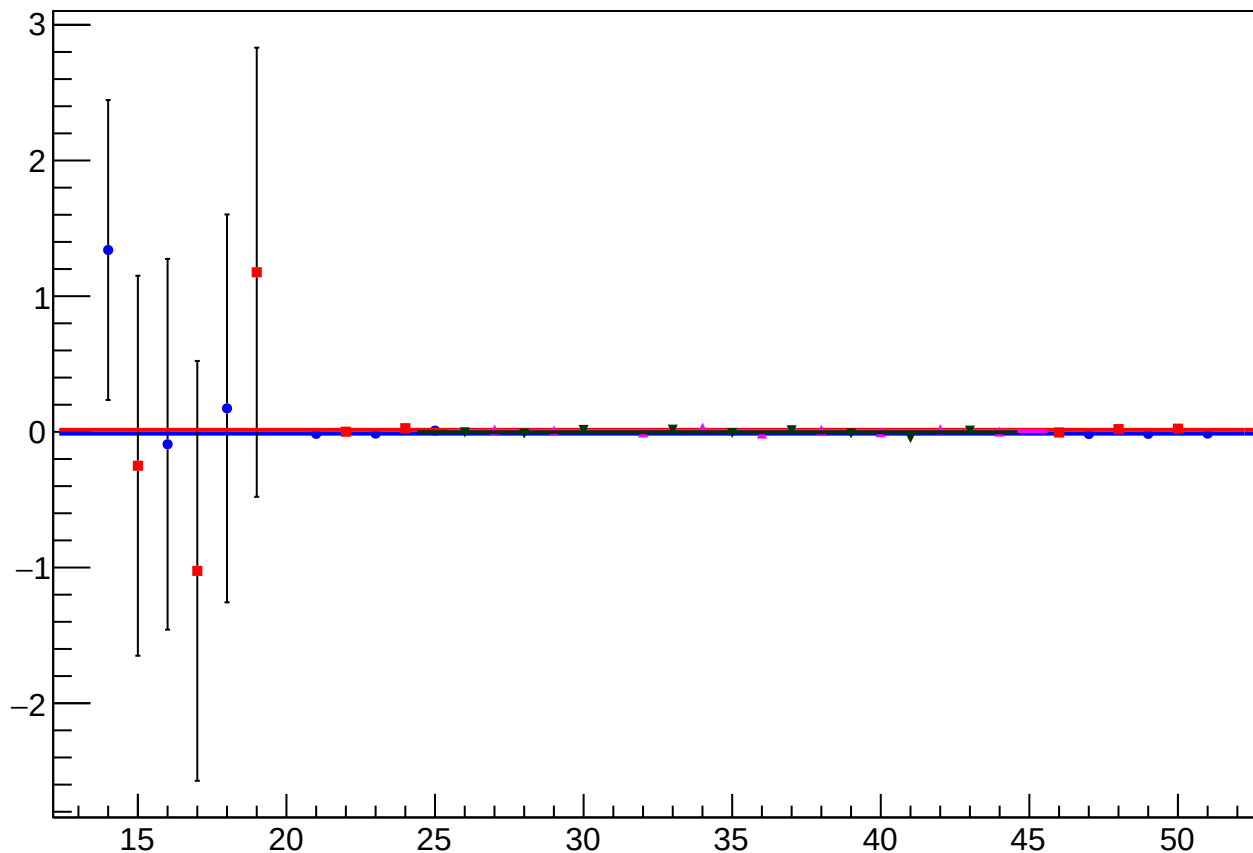
Left Out: -0.014 $\pm$ 0.007 χ^2 /NDF:11.7/8

Right Out: 0.012 $\pm$ 0.009 χ^2 /NDF: 3.1/7

Left In: 0.015 $\pm$ 0.006 χ^2 /NDF:8.7/8

0.004 $\pm$ 0.004 χ^2 /NDF: 38.9/34

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.006 χ^2/NDF : 2.4/8

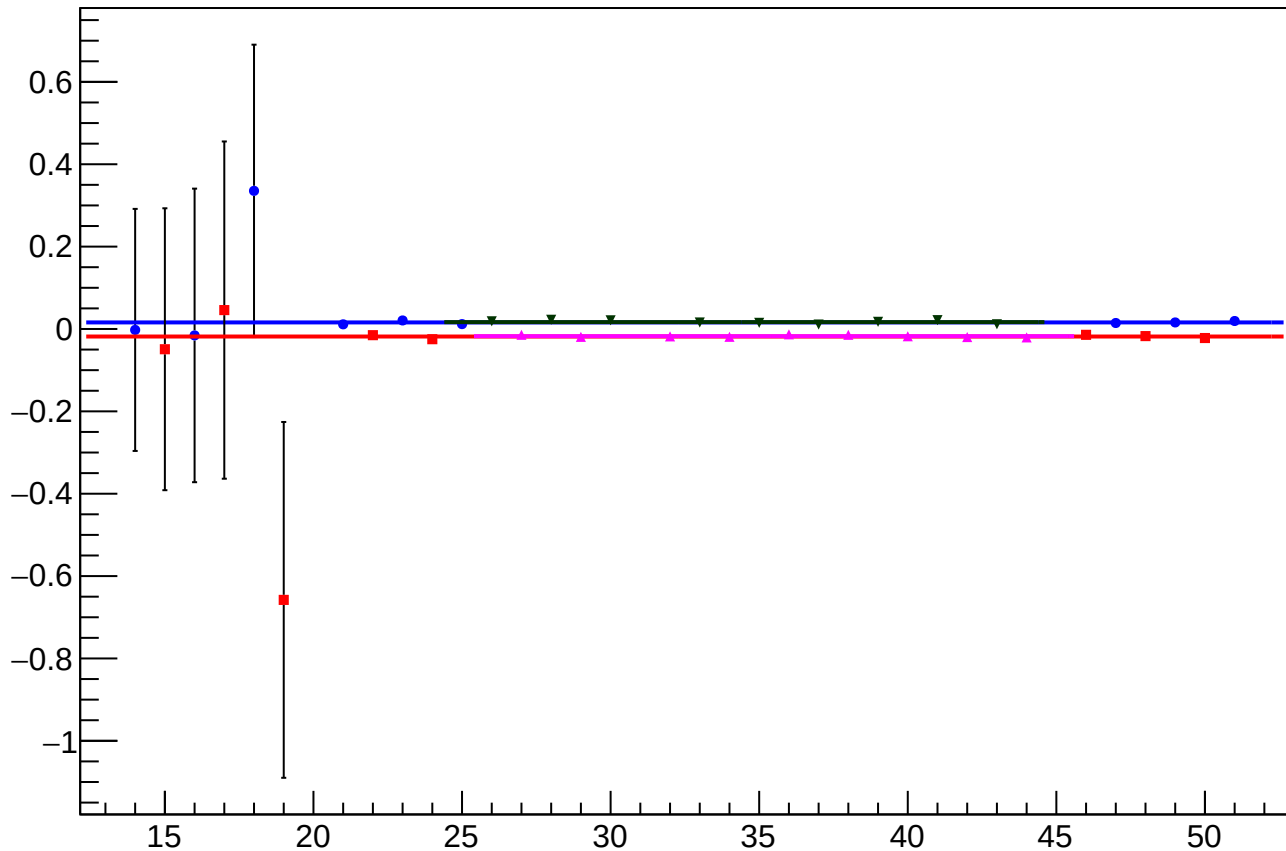
Left Out: -0.003 ± 0.005 χ^2/NDF : 10.9/8

Right Out: 0.015 ± 0.007 χ^2/NDF : 4.3/7

Left In: 0.006 ± 0.005 χ^2/NDF : 5.9/8

0.001 ± 0.003 χ^2/NDF : 35.6/34

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 $\pm$ 0.001 χ^2/NDF : 5.4/8

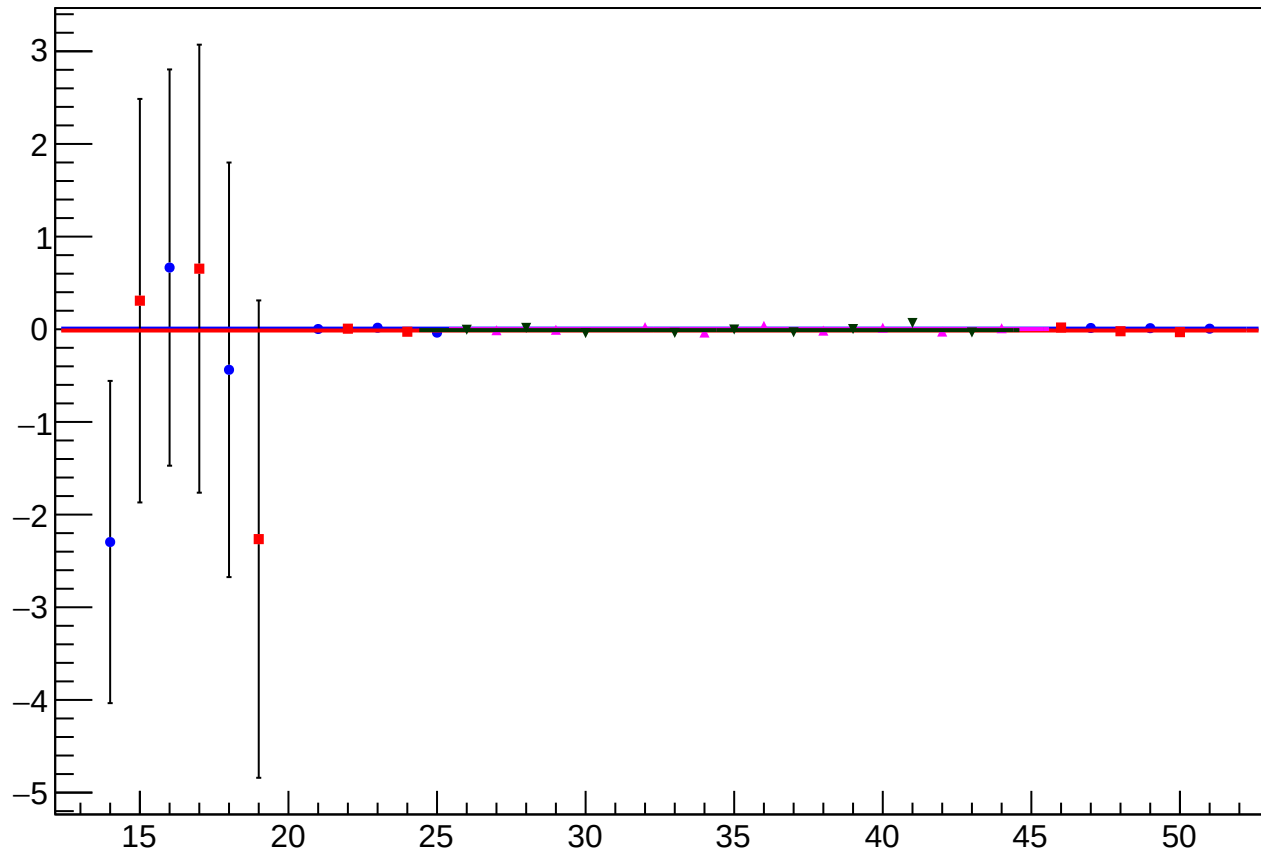
Left Out: 0.017 $\pm$ 0.001 χ^2/NDF :13.9/8

Right Out: -0.018 $\pm$ 0.002 χ^2/NDF : 8.6/7

Left In: -0.017 $\pm$ 0.001 χ^2/NDF :4.9/8

-0.000 $\pm$ 0.001 χ^2/NDF : 798.2/34

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.007 ± 0.010 $\chi^2/\text{NDF}: 3.4/8$

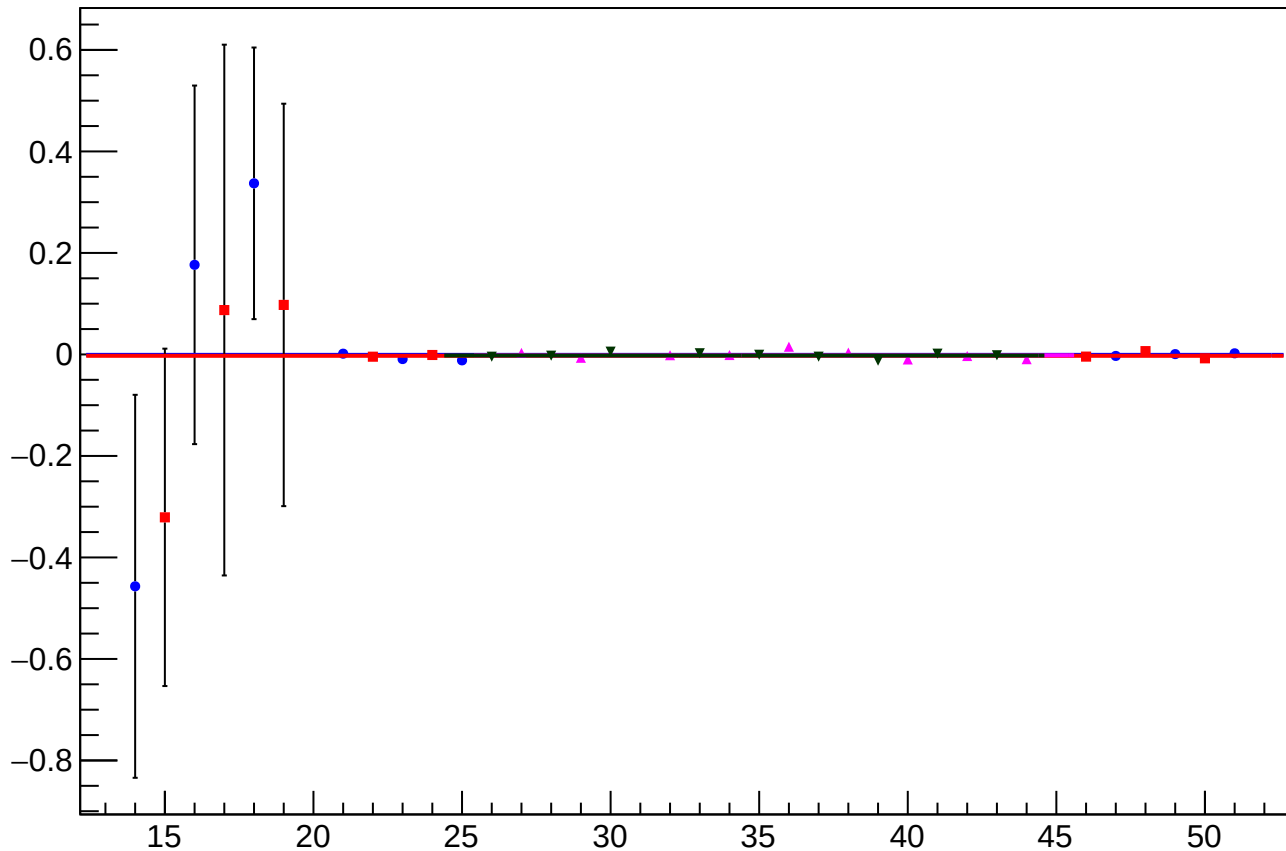
Left Out: -0.009 ± 0.008 $\chi^2/\text{NDF}: 12.7/8$

Right Out: -0.013 ± 0.011 $\chi^2/\text{NDF}: 4.0/7$

Left In: 0.002 ± 0.008 $\chi^2/\text{NDF}: 6.6/8$

-0.002 ± 0.004 $\chi^2/\text{NDF}: 29.7/34$

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001 $\pm$ 0.002 χ^2 /NDF: 7.8/8

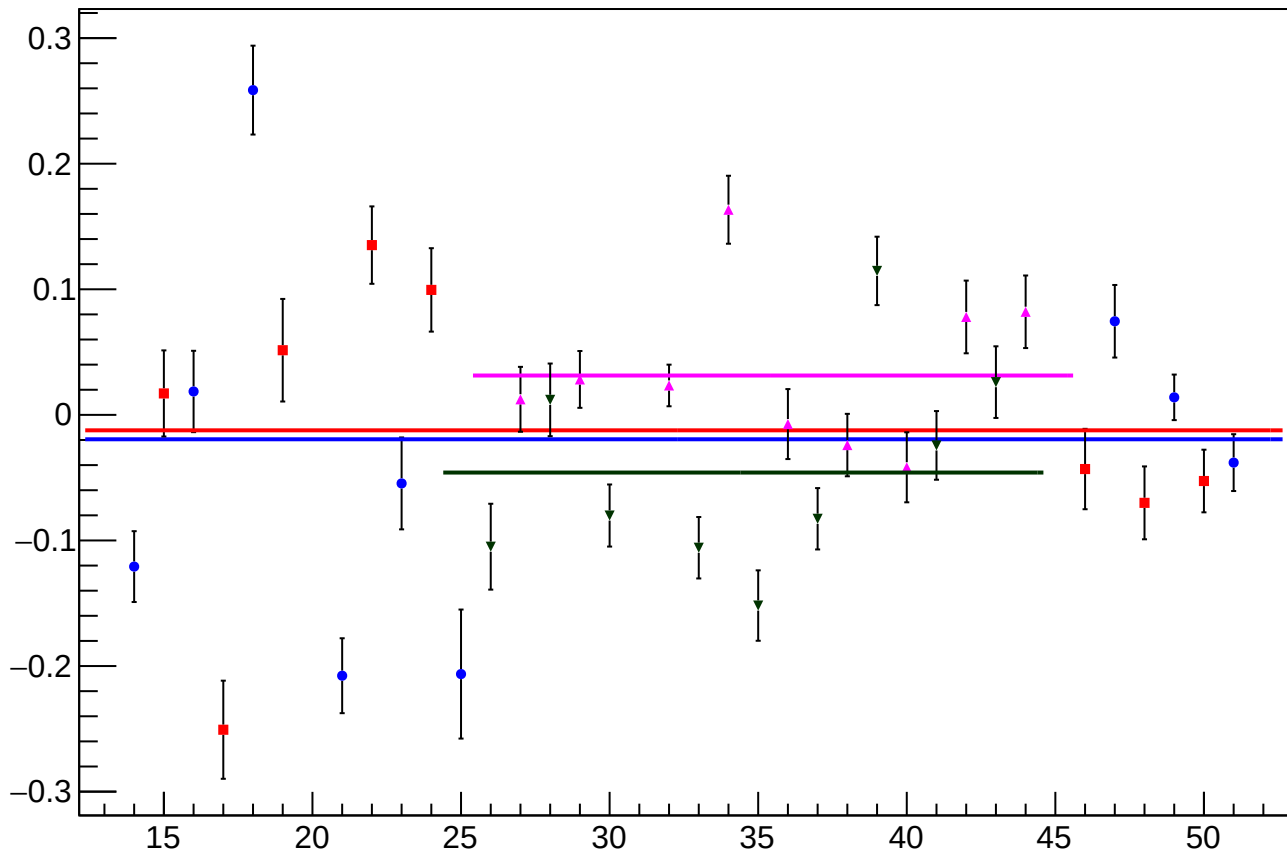
Left Out: -0.002 $\pm$ 0.001 χ^2 /NDF:9.3/8

Right Out: -0.003 $\pm$ 0.002 χ^2 /NDF: 6.7/7

Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:24.7/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 49.1/34

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.019+/-0.009 χ^2/NDF : 144.7/8

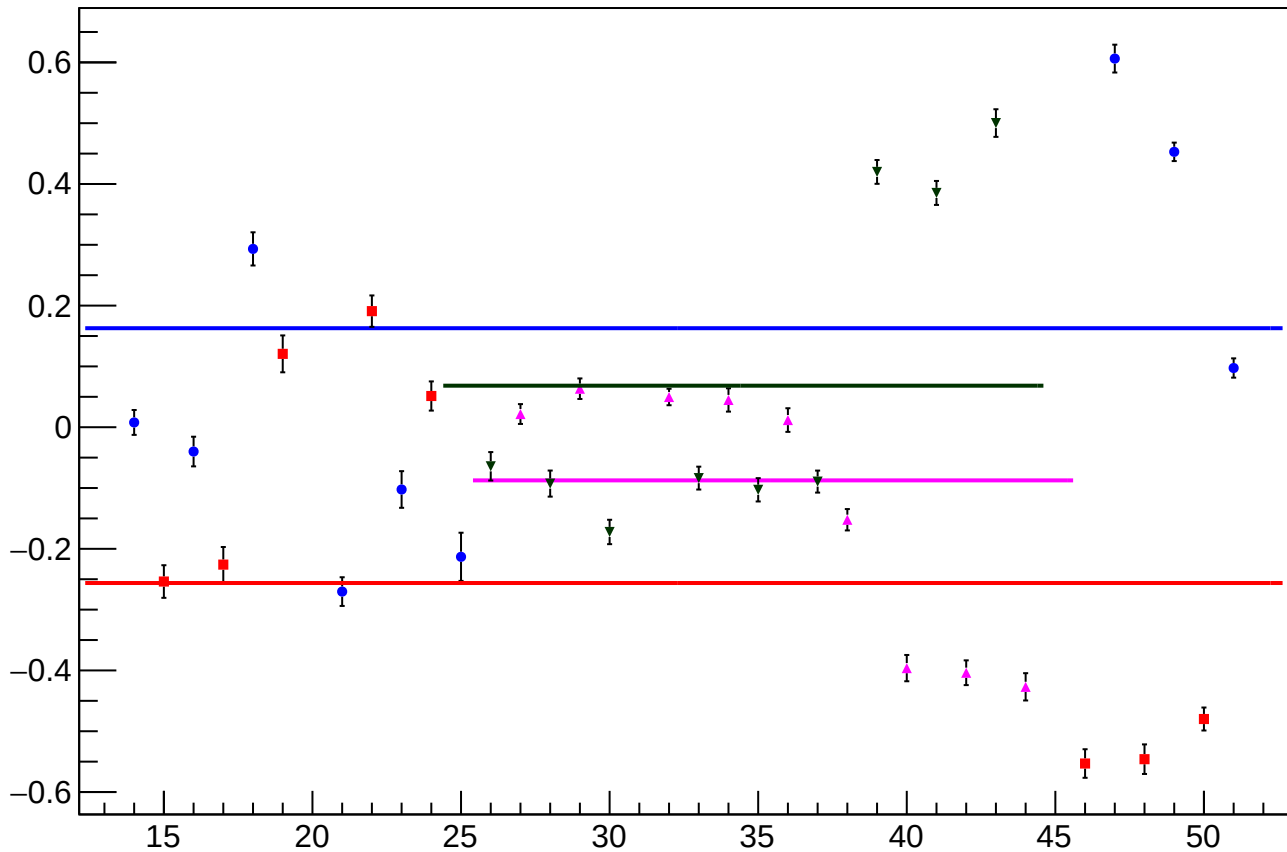
Left Out: -0.046+/-0.009 χ^2/NDF : 73.2/8

Right Out: -0.012+/-0.011 χ^2/NDF : 82.2/7

Left In: 0.031+/-0.008 χ^2/NDF : 44.0/8

-0.009+/-0.005 χ^2/NDF : 386.5/34

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.163 $\pm$ 0.007 χ^2 /NDF: 1411.1/8

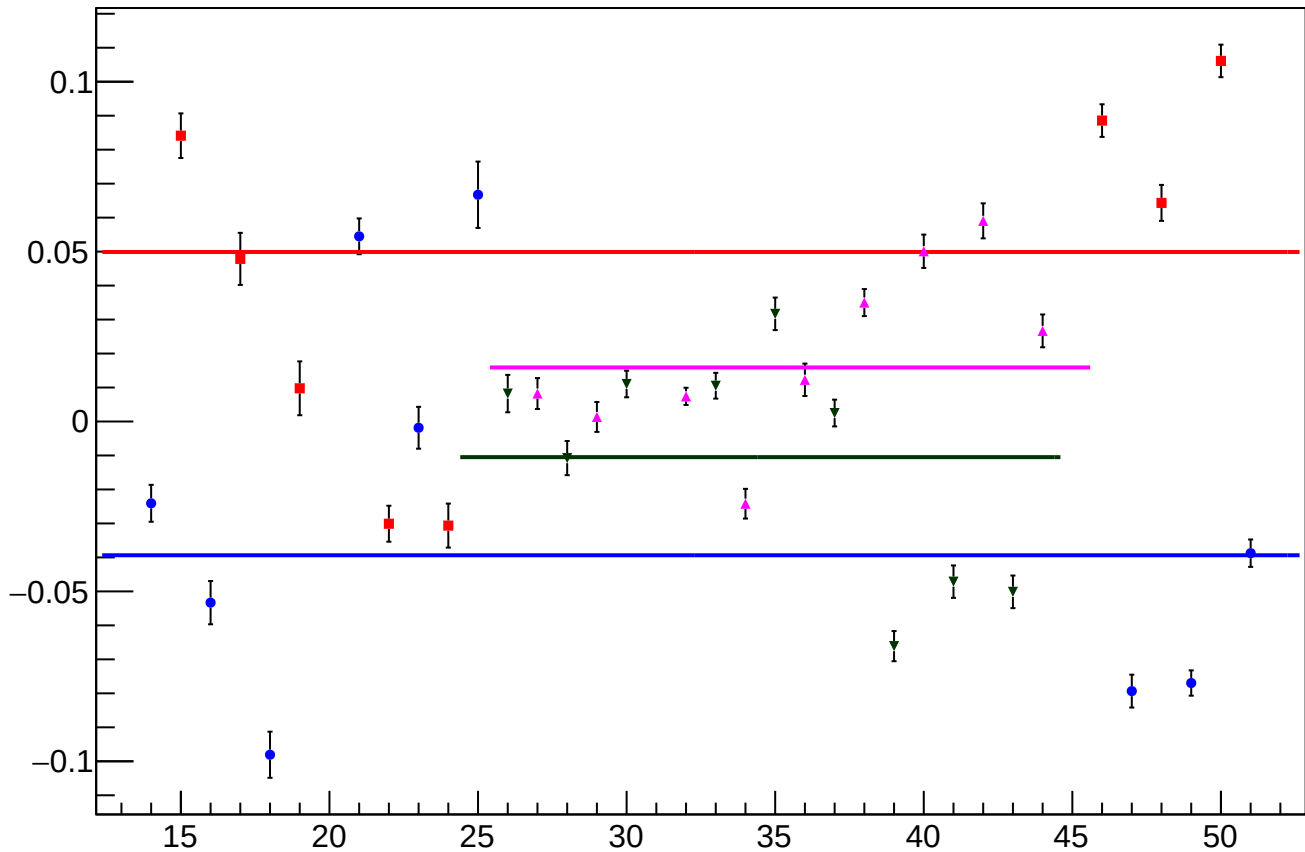
Left Out: 0.068 $\pm$ 0.007 χ^2 /NDF:1394.7/8

Right Out: -0.256 $\pm$ 0.009 χ^2 /NDF: 1061.8/7

Left In: -0.087 $\pm$ 0.006 χ^2 /NDF:988.6/8

-0.014 $\pm$ 0.003 χ^2 /NDF: 6531.2/34

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.039+/-0.002 χ^2/NDF : 730.5/8

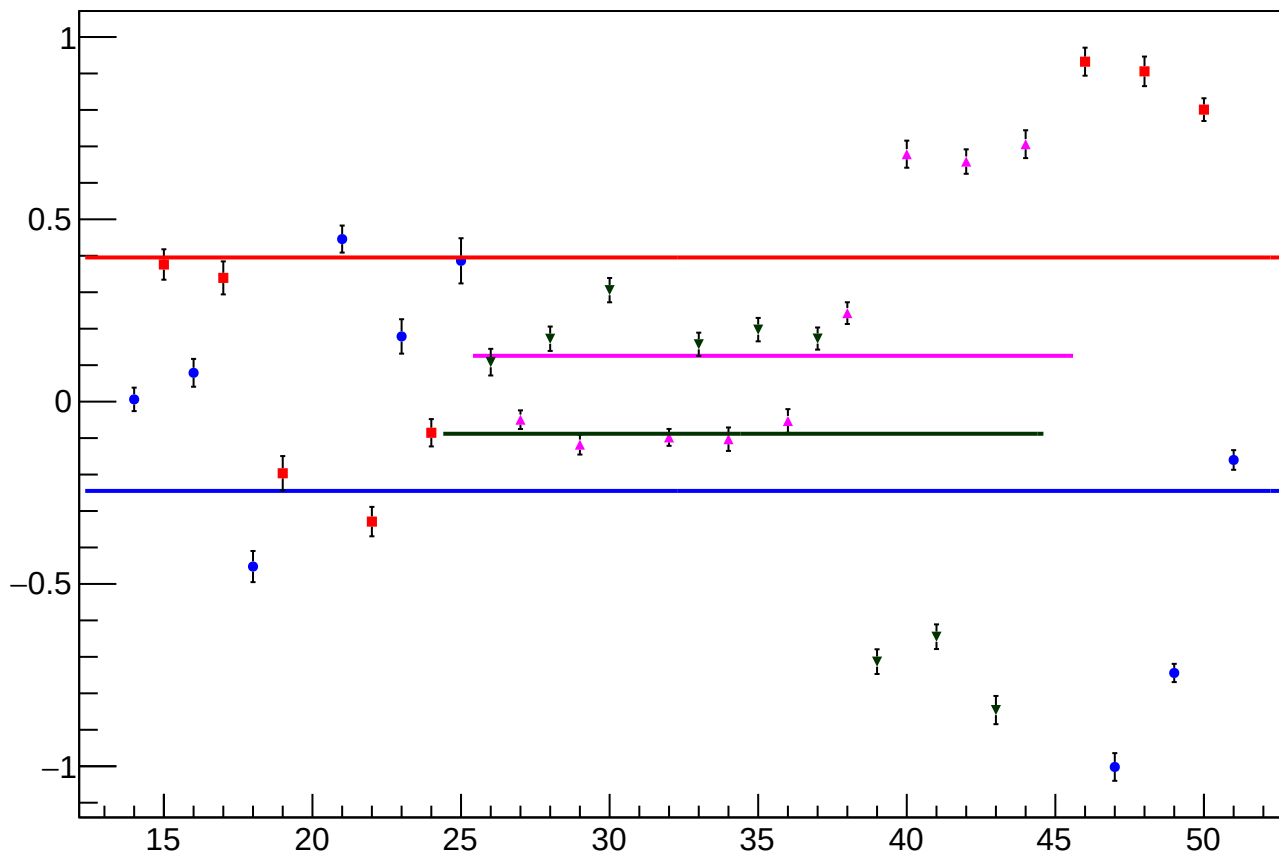
Left Out: -0.010+/-0.001 χ^2/NDF : 445.6/8

0.002+/-0.001 χ^2/NDF : 3364.4/34

Right Out: 0.050+/-0.002 χ^2/NDF : 646.3/7

Left In: 0.016+/-0.001 χ^2/NDF : 256.5/8

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.245+/-0.012 χ^2/NDF : 1494.5/8

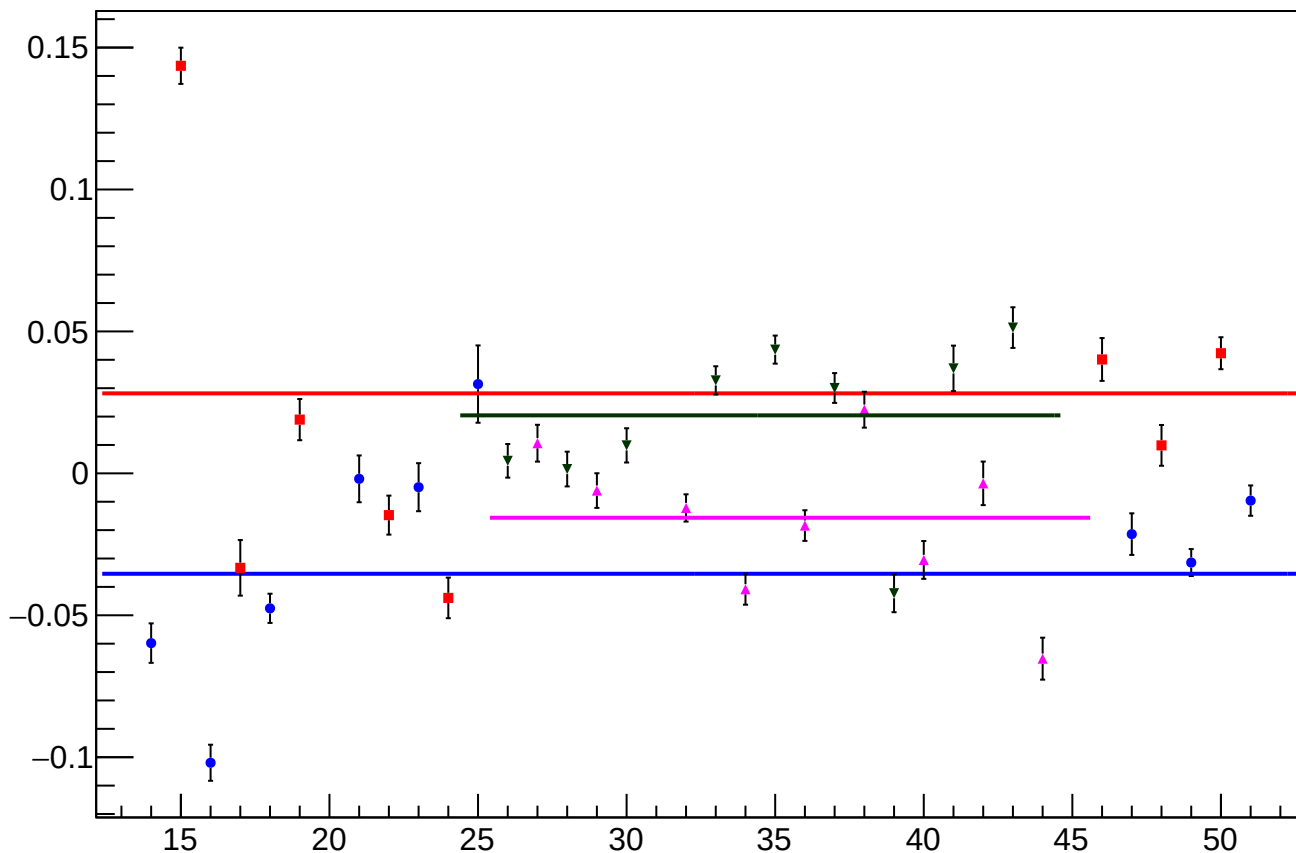
Left Out: -0.088+/-0.011 χ^2/NDF : 1435.6/8

Right Out: 0.395+/-0.014 χ^2/NDF : 1169.1/7

Left In: 0.126+/-0.010 χ^2/NDF : 1020.5/8

0.027+/-0.006 χ^2/NDF : 6563.3/34

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.035+/-0.002 χ^2/NDF : 208.8/8

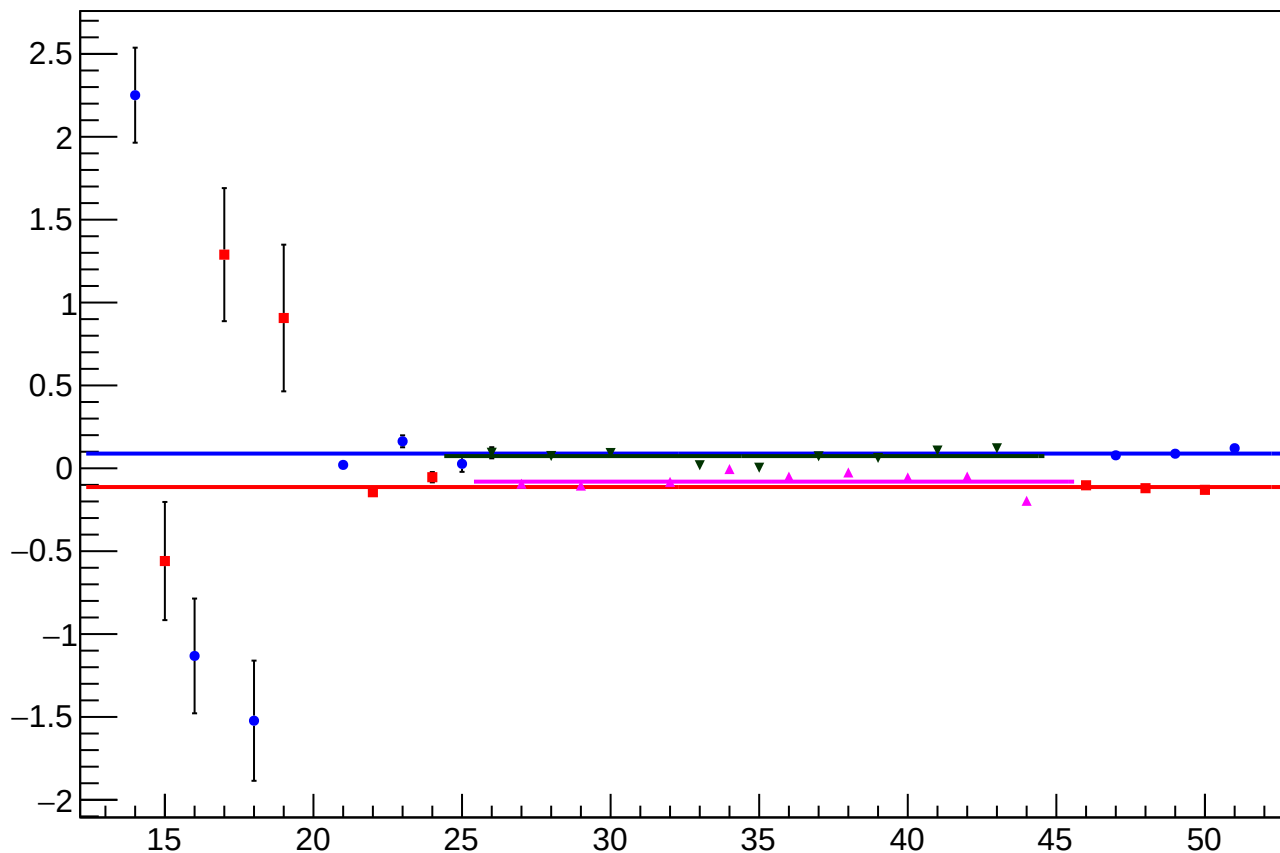
Left Out: 0.020+/-0.002 χ^2/NDF : 162.1/8

Right Out: 0.028+/-0.002 χ^2/NDF : 523.5/7

Left In: -0.016+/-0.002 χ^2/NDF : 129.9/8

-0.002+/-0.001 χ^2/NDF : 1587.8/34

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.089+/-0.010 χ^2/NDF : 102.7/8

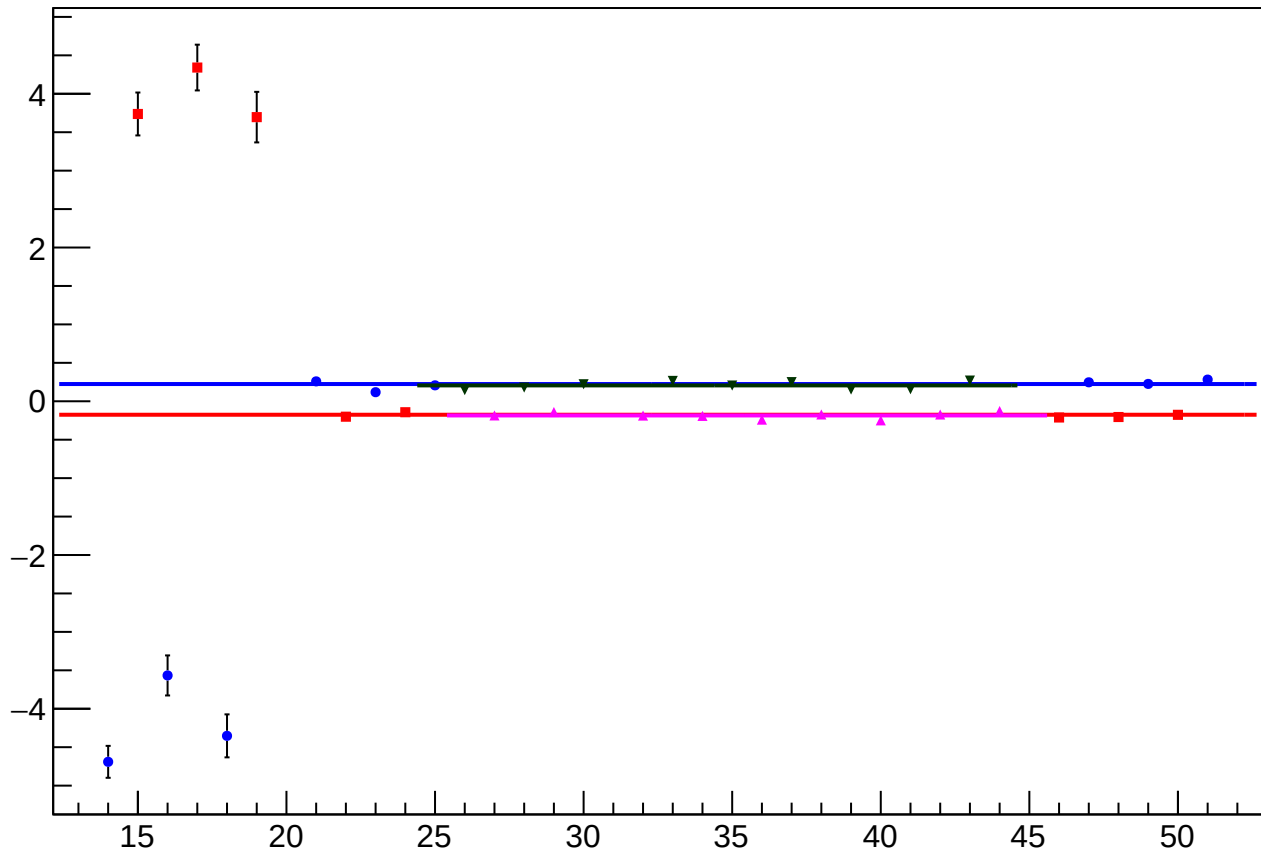
Left Out: 0.074+/-0.009 χ^2/NDF : 17.2/8

Right Out: -0.113+/-0.012 χ^2/NDF : 24.7/7

Left In: -0.080+/-0.008 χ^2/NDF : 39.2/8

-0.004+/-0.005 χ^2/NDF : 527.3/34

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.224+/-0.008 χ^2/NDF : 1069.1/8

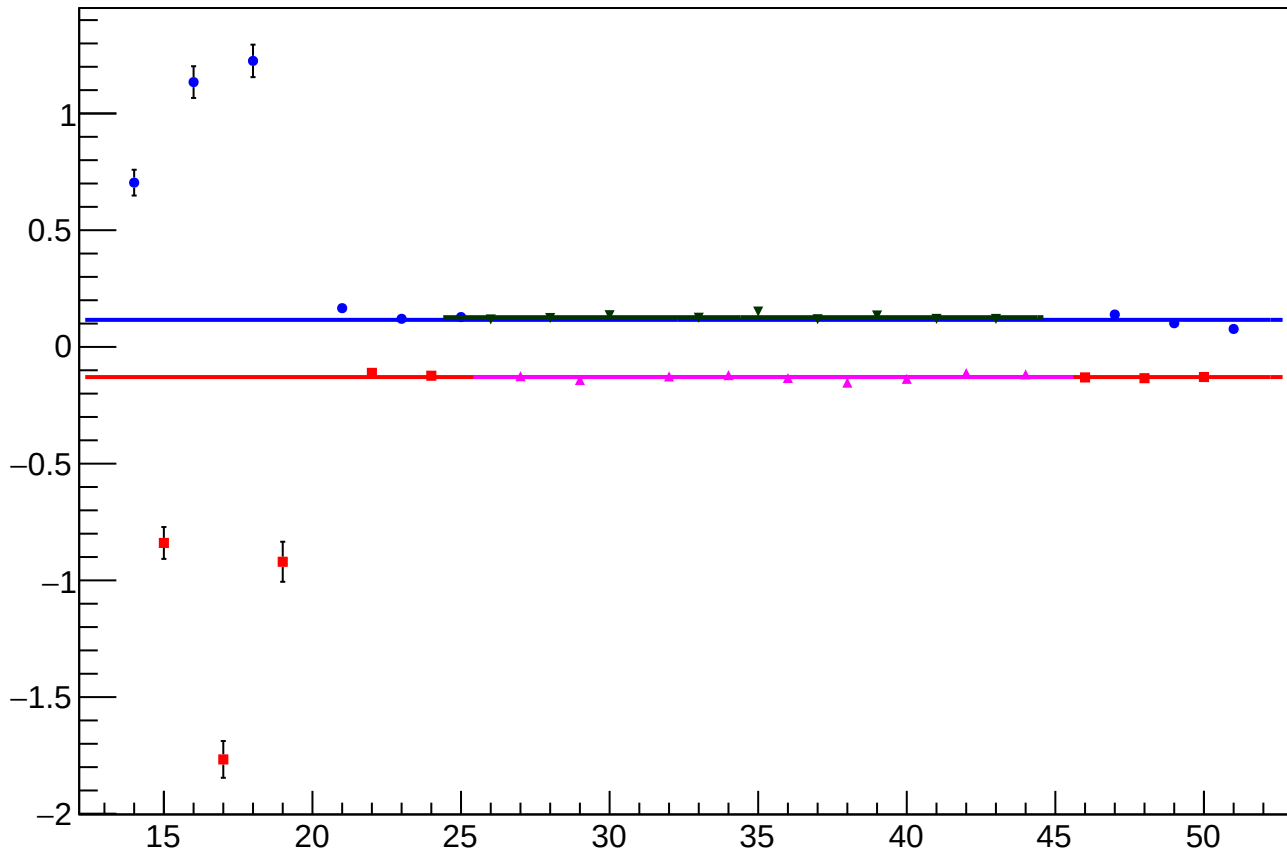
Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

0.016+/-0.004 χ^2/NDF : 4840.5/34

Right Out: -0.175+/-0.009 χ^2/NDF : 573.8/7

Left In: -0.184+/-0.006 χ^2/NDF : 39.0/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.116 ± 0.002 $\chi^2/\text{NDF}: 834.3/8$

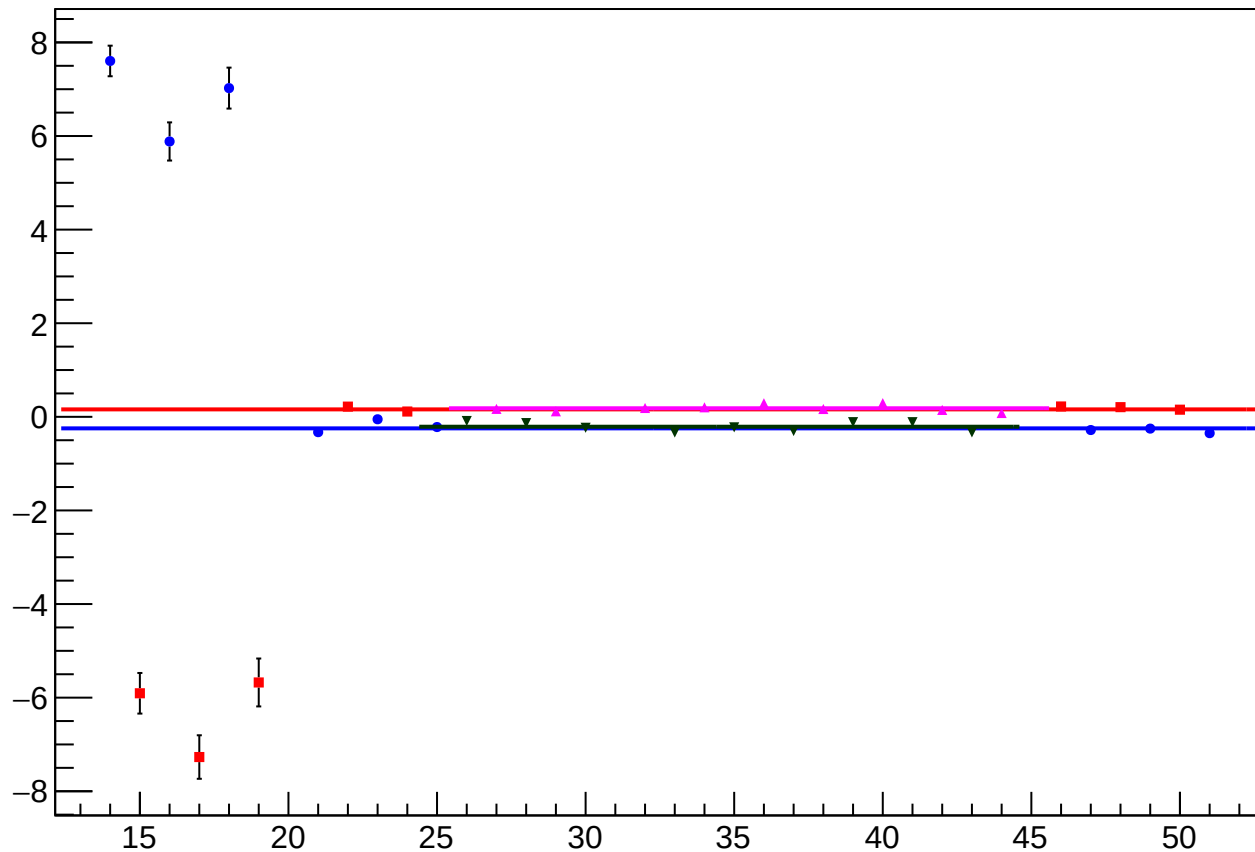
Left Out: 0.127 ± 0.001 $\chi^2/\text{NDF}: 47.7/8$

-0.002 ± 0.001 $\chi^2/\text{NDF}: 25926.9/34$

Right Out: -0.129 ± 0.002 $\chi^2/\text{NDF}: 640.4/7$

Left In: -0.129 ± 0.001 $\chi^2/\text{NDF}: 62.0/8$

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.246 ± 0.013 $\chi^2/\text{NDF}: 1117.9/8$

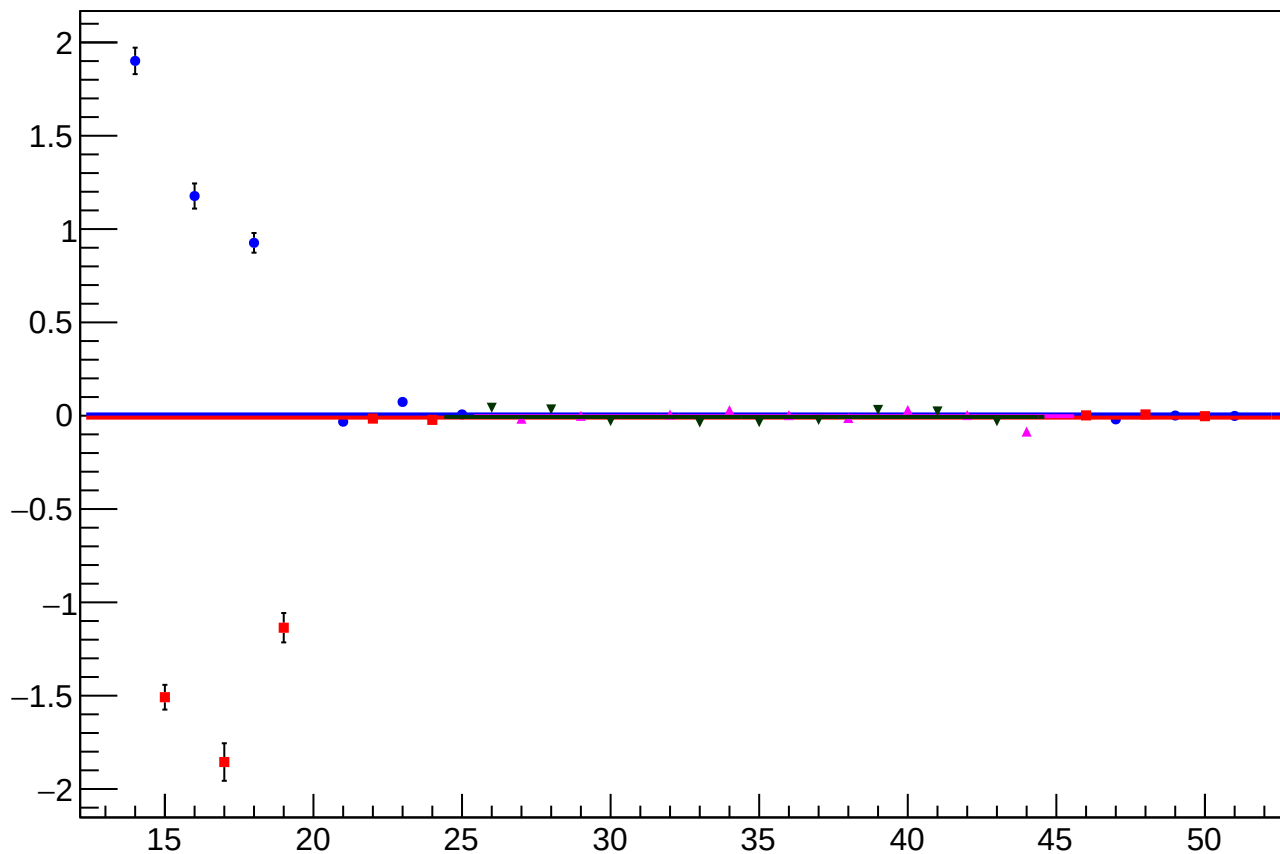
Left Out: -0.211 ± 0.011 $\chi^2/\text{NDF}: 72.0/8$

Right Out: 0.159 ± 0.015 $\chi^2/\text{NDF}: 590.1/7$

Left In: 0.183 ± 0.010 $\chi^2/\text{NDF}: 42.4/8$

-0.025 ± 0.006 $\chi^2/\text{NDF}: 3000.3/34$

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.007+/-0.002 χ^2/NDF : 1428.6/8

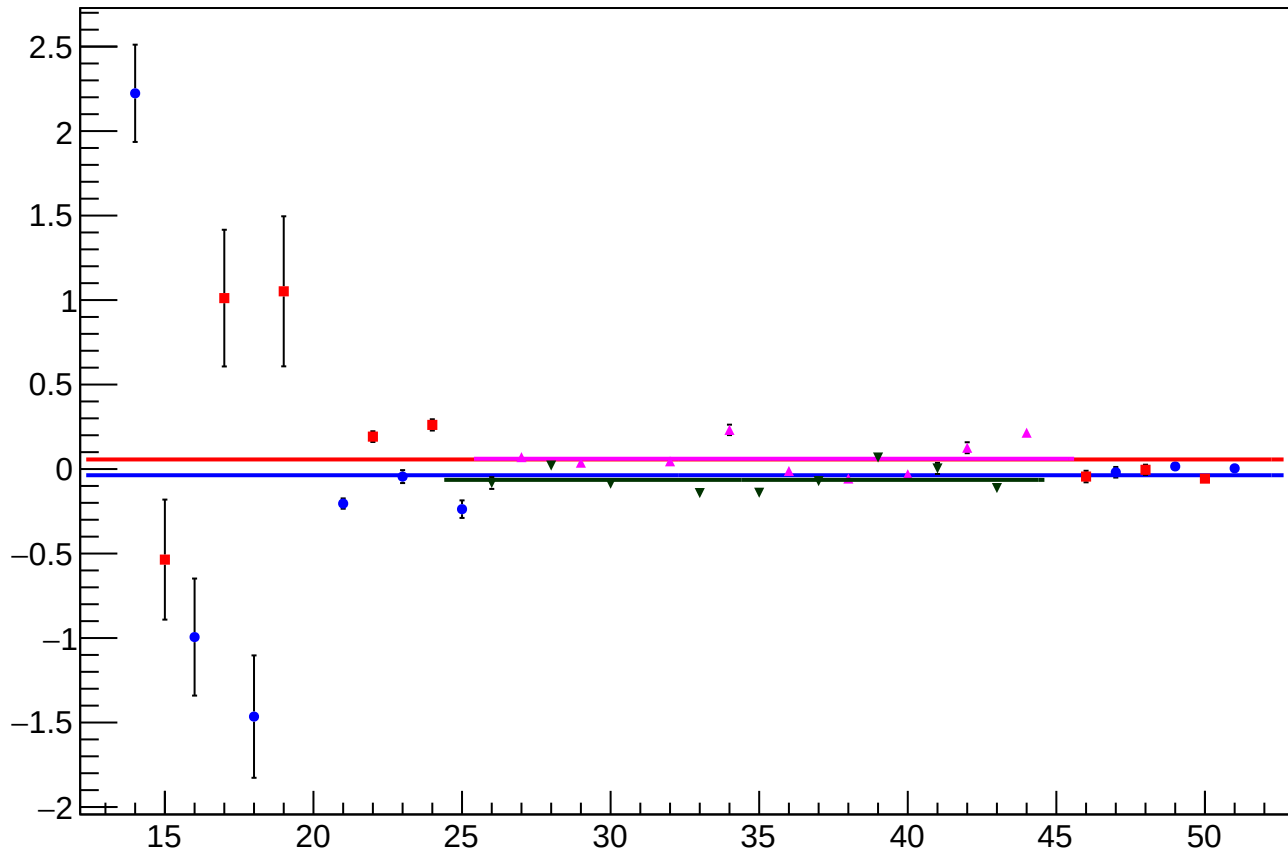
Left Out: -0.007+/-0.002 χ^2/NDF : 264.2/8

Right Out: -0.010+/-0.003 χ^2/NDF : 1068.9/7

Left In: -0.002+/-0.002 χ^2/NDF : 272.1/8

-0.003+/-0.001 χ^2/NDF : 3060.5/34

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.037 ± 0.011 χ^2/NDF : 141.8/8

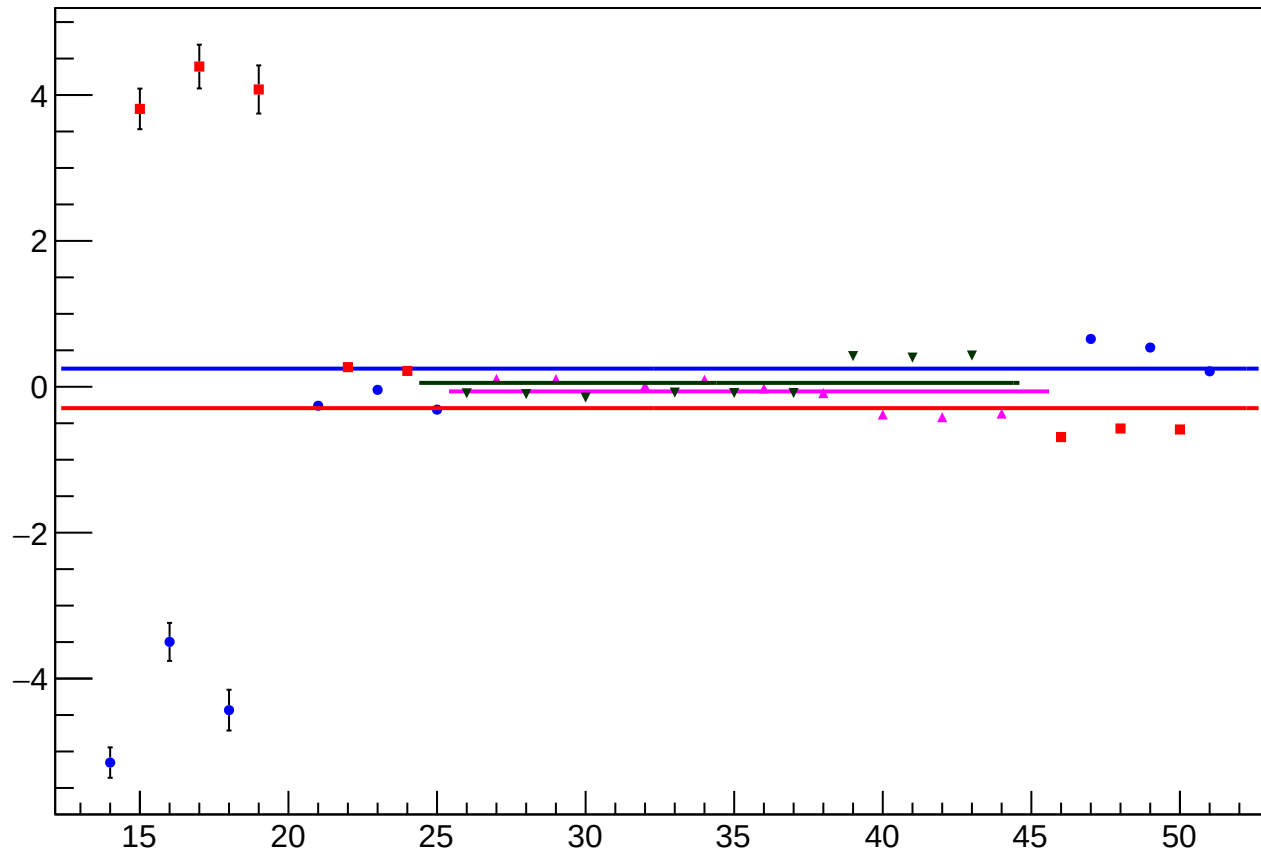
Left Out: -0.064 ± 0.009 χ^2/NDF : 53.3/8

0.003 ± 0.005 χ^2/NDF : 515.5/34

Right Out: 0.057 ± 0.014 χ^2/NDF : 101.5/7

Left In: 0.061 ± 0.009 χ^2/NDF : 96.3/8

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.249+/-0.009 χ^2/NDF : 2517.9/8

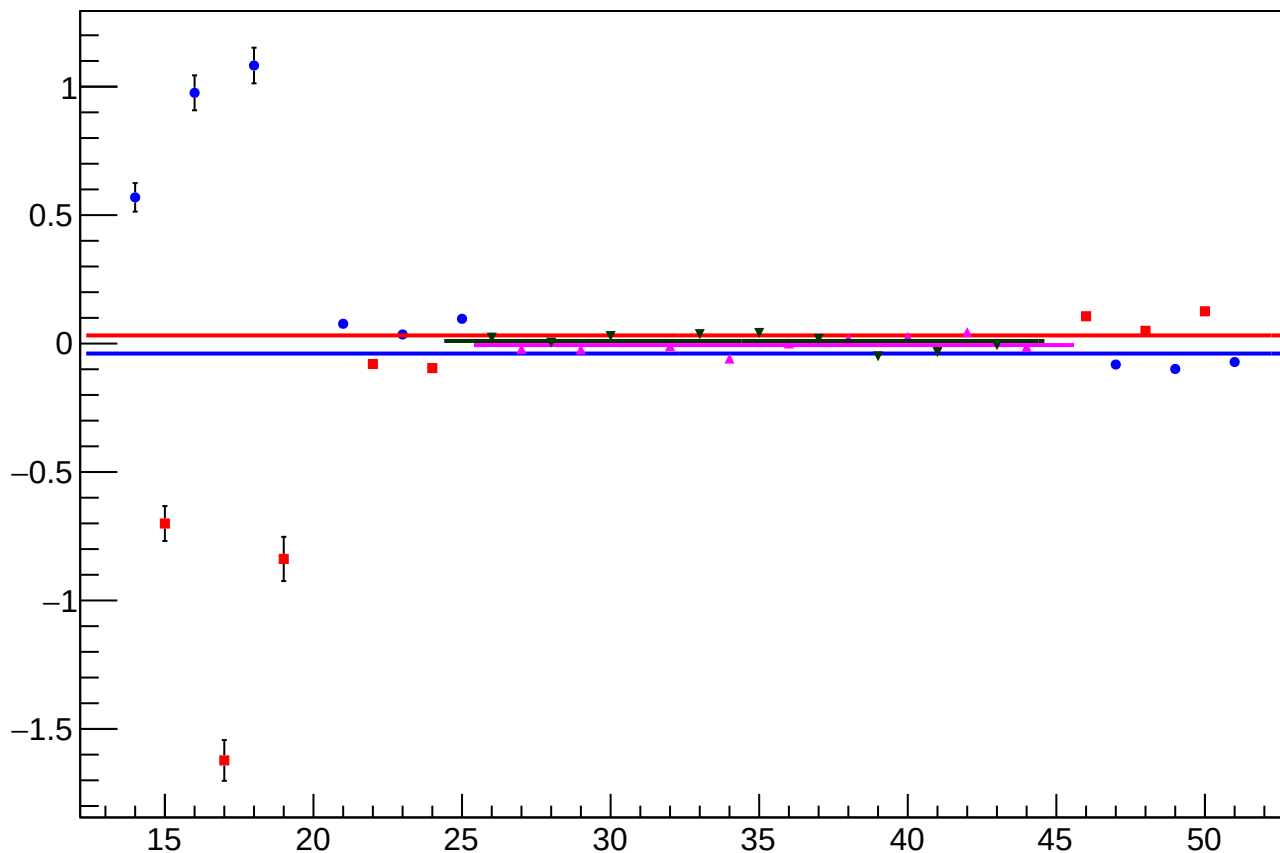
Left Out: 0.054+/-0.007 χ^2/NDF : 1125.4/8

Right Out: -0.293+/-0.011 χ^2/NDF : 2127.6/7

Left In: -0.063+/-0.006 χ^2/NDF : 920.0/8

0.003+/-0.004 χ^2/NDF : 8427.0/34

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.039 ± 0.002 χ^2/NDF : 1775.9/8

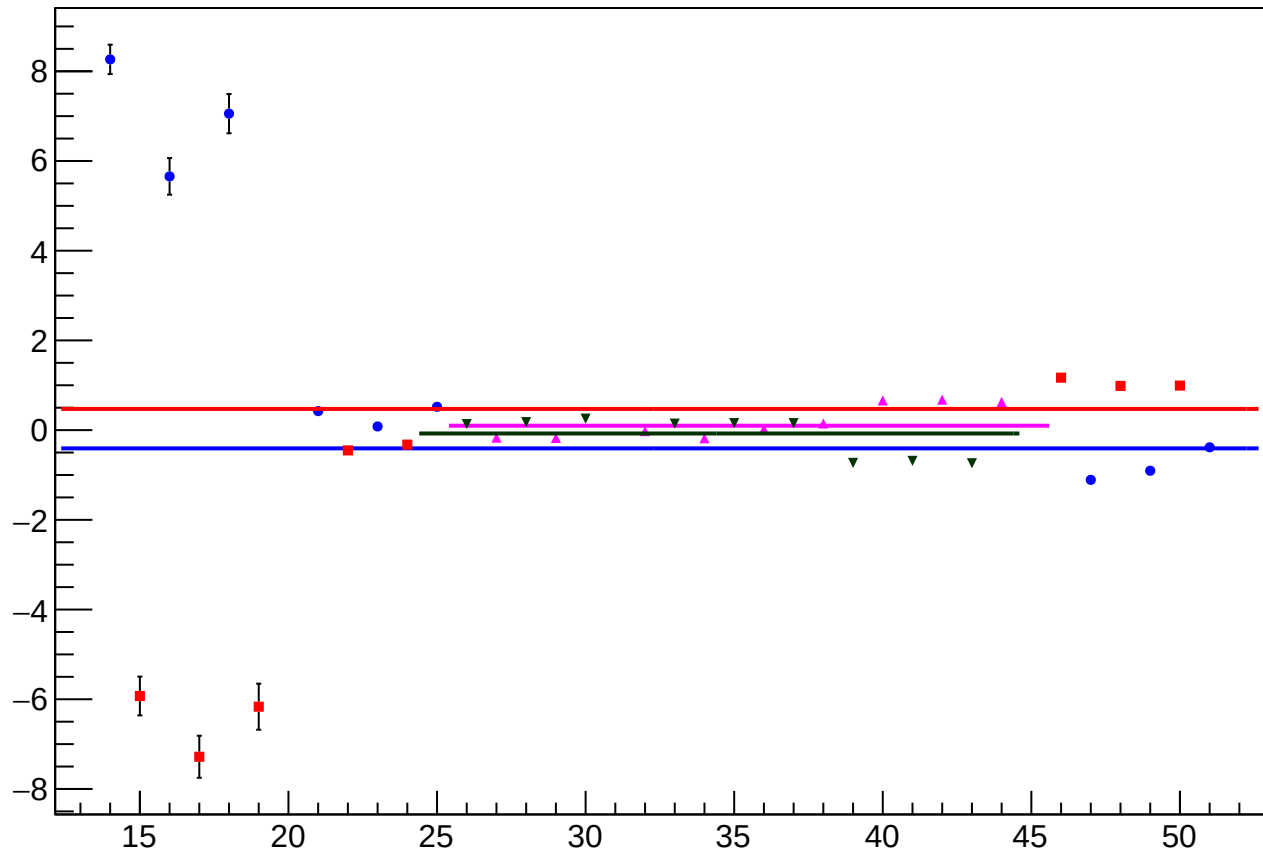
Left Out: 0.010 ± 0.002 χ^2/NDF : 343.2/8

Right Out: 0.032 ± 0.002 χ^2/NDF : 2039.4/7

Left In: -0.006 ± 0.001 χ^2/NDF : 288.3/8

-0.002 ± 0.001 χ^2/NDF : 5028.8/34

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.406 ± 0.014 $\chi^2/\text{NDF}: 2693.5/8$

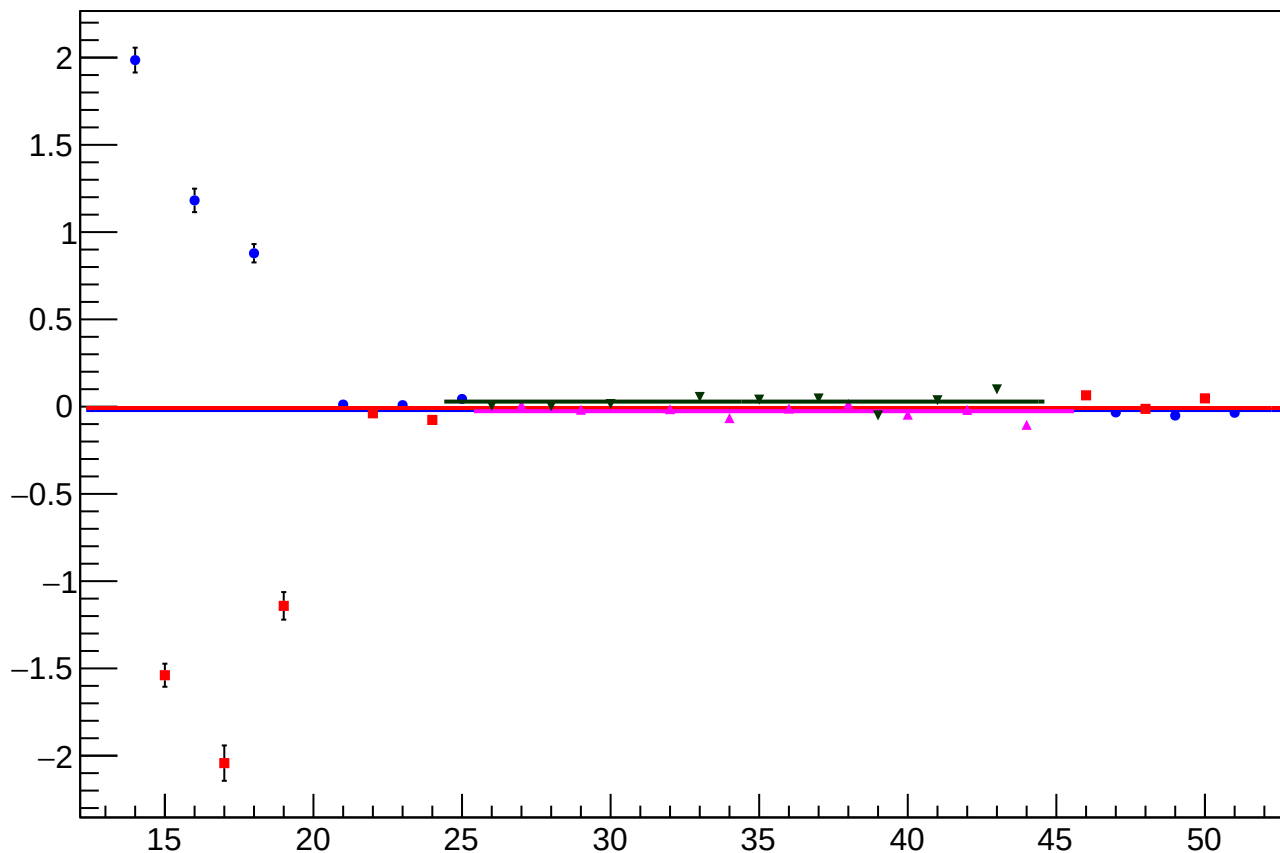
Left Out: -0.075 ± 0.012 $\chi^2/\text{NDF}: 1172.9/8$

Right Out: 0.473 ± 0.017 $\chi^2/\text{NDF}: 2299.7/7$

Left In: 0.099 ± 0.011 $\chi^2/\text{NDF}: 947.3/8$

-0.002 ± 0.006 $\chi^2/\text{NDF}: 8812.1/34$

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.020 ± 0.003 χ^2/NDF : 1504.6/8

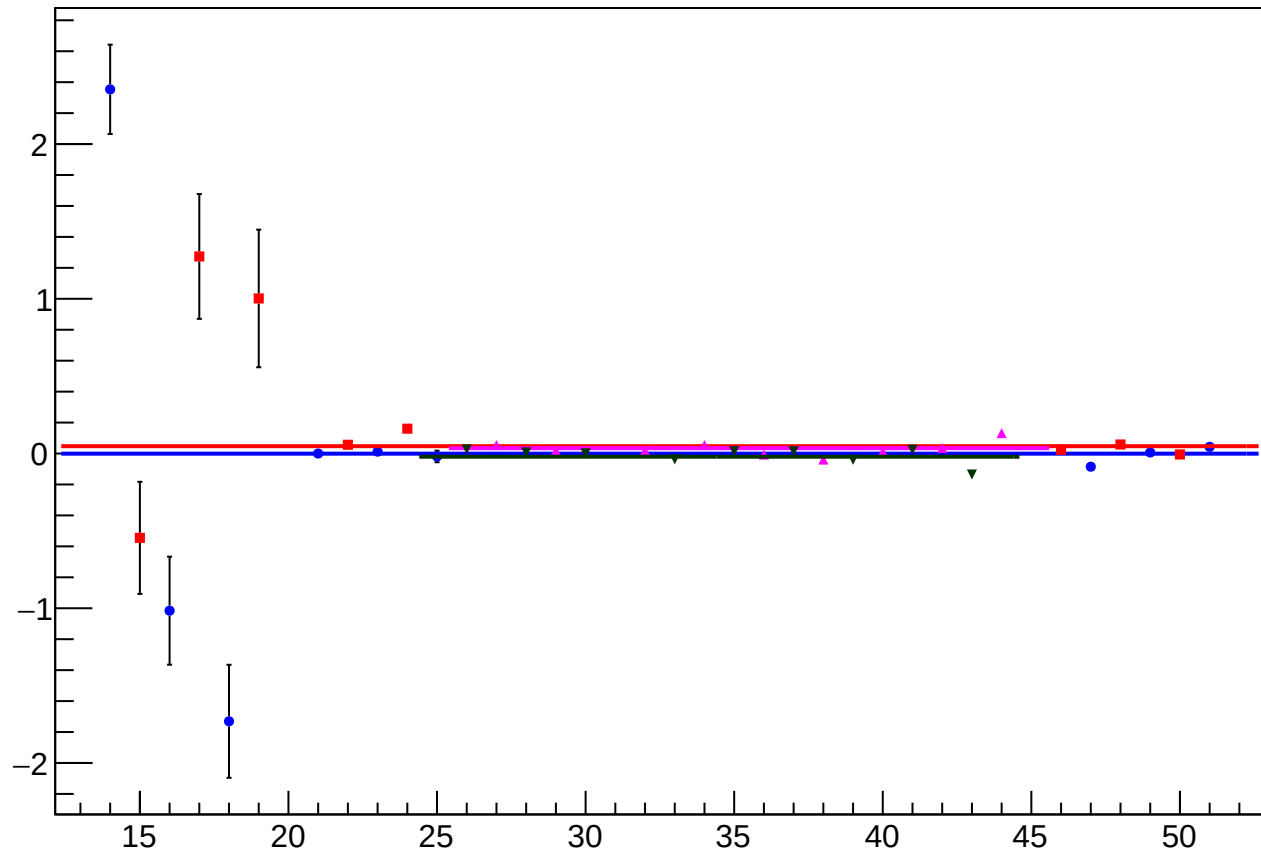
Left Out: 0.029 ± 0.002 χ^2/NDF : 298.0/8

Right Out: -0.008 ± 0.003 χ^2/NDF : 1426.8/7

Left In: -0.026 ± 0.002 χ^2/NDF : 232.0/8

-0.003 ± 0.001 χ^2/NDF : 3860.1/34

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.001 ± 0.008 χ^2/NDF : 121.2/8

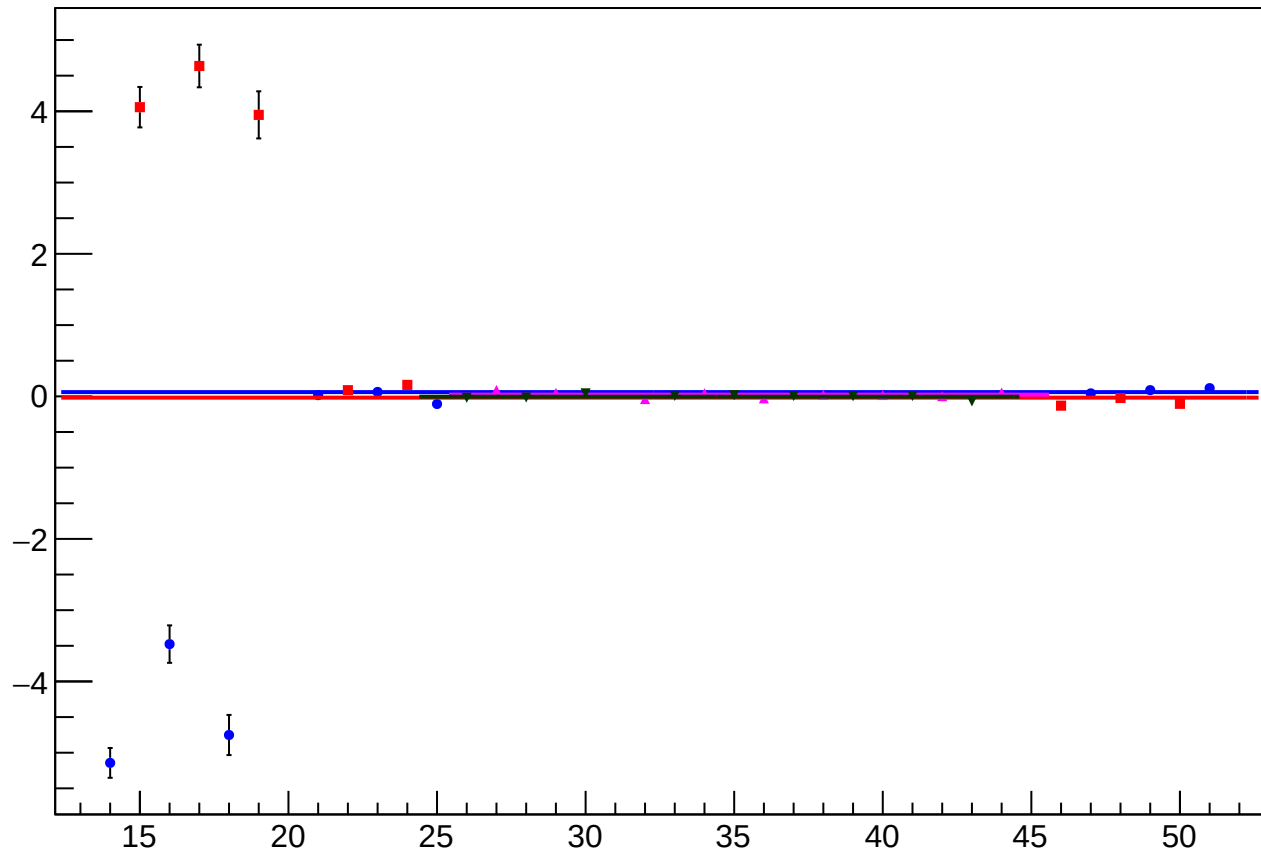
Left Out: -0.021 ± 0.007 χ^2/NDF : 59.1/8

Right Out: 0.047 ± 0.009 χ^2/NDF : 50.2/7

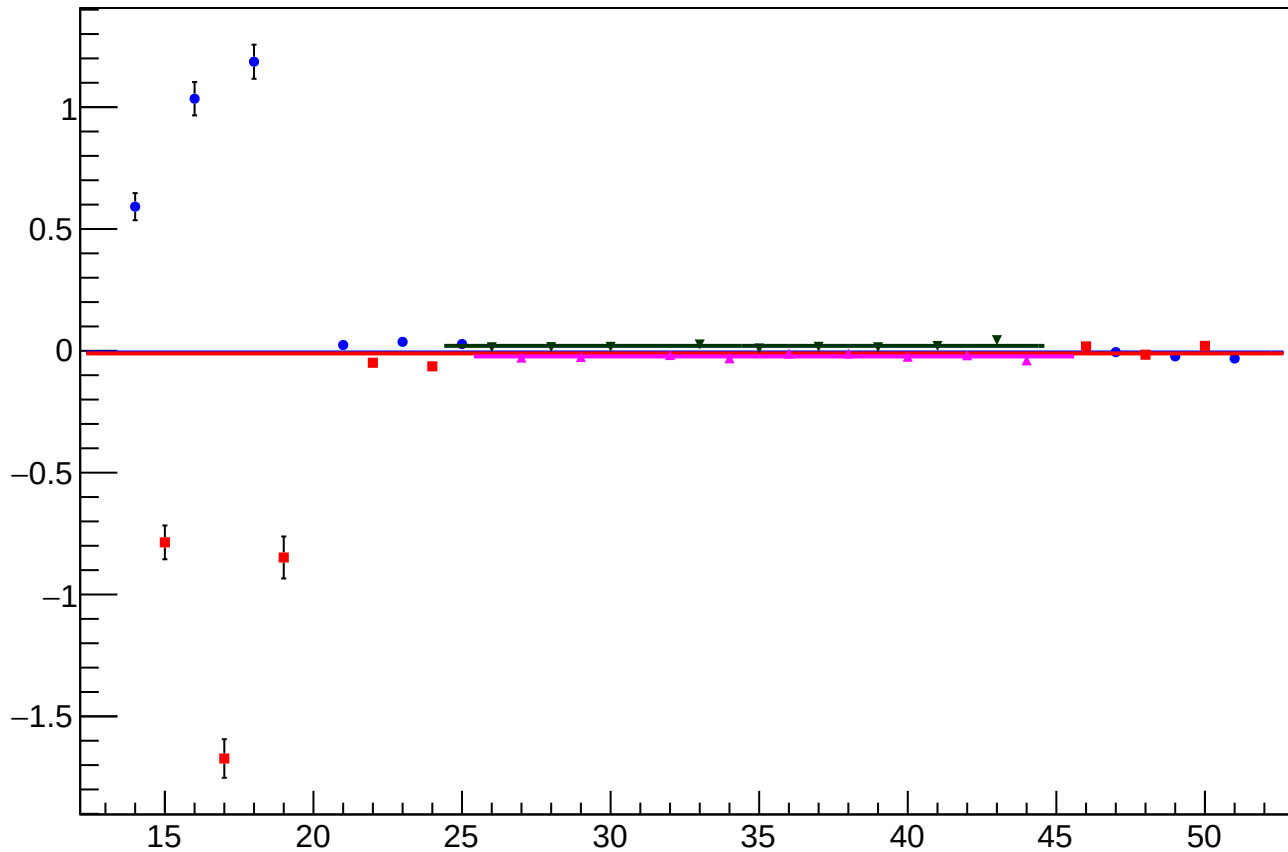
Left In: 0.034 ± 0.006 χ^2/NDF : 46.4/8

0.013 ± 0.004 χ^2/NDF : 328.8/34

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.007 ± 0.001 χ^2/NDF : 898.9/8

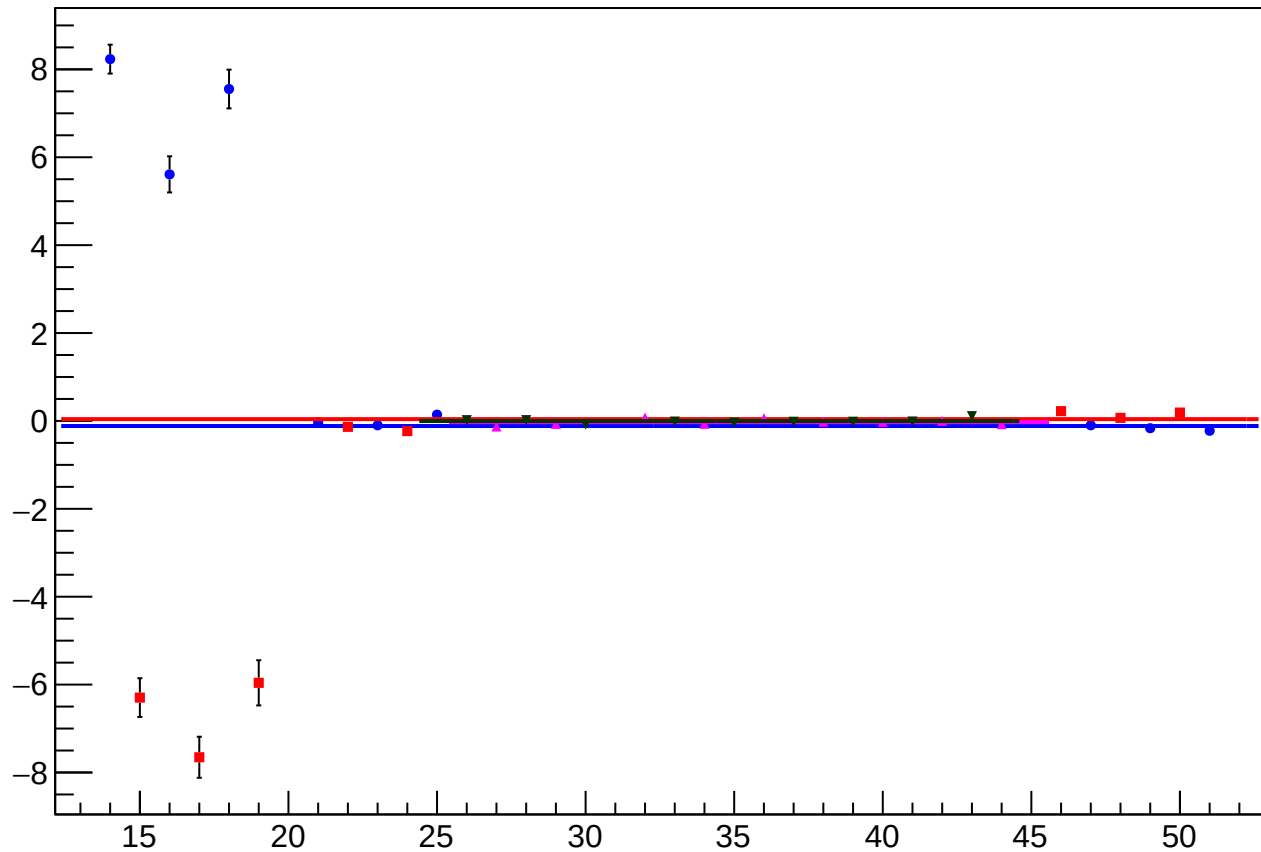
Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

-0.004 ± 0.001 χ^2/NDF : 2865.7/34

Right Out: -0.011 ± 0.002 χ^2/NDF : 1049.4/7

Left In: -0.023 ± 0.001 χ^2/NDF : 60.4/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.116 ± 0.010 χ^2/NDF : 1216.7/8

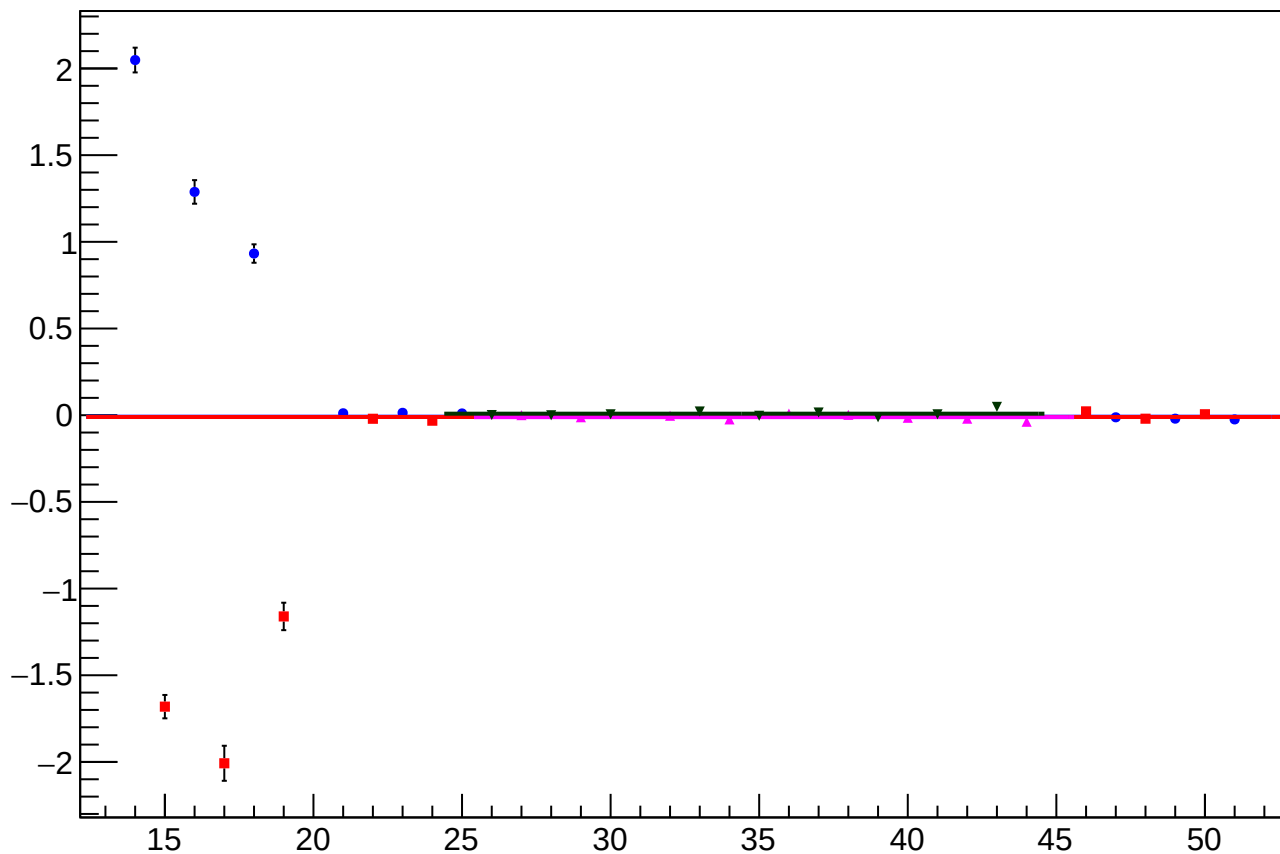
Left Out: -0.003 ± 0.009 χ^2/NDF : 34.3/8

Right Out: 0.041 ± 0.012 χ^2/NDF : 844.3/7

Left In: -0.028 ± 0.008 χ^2/NDF : 72.1/8

-0.028 ± 0.005 χ^2/NDF : 2287.8/34

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.009 ± 0.002 χ^2/NDF : 1559.1/8

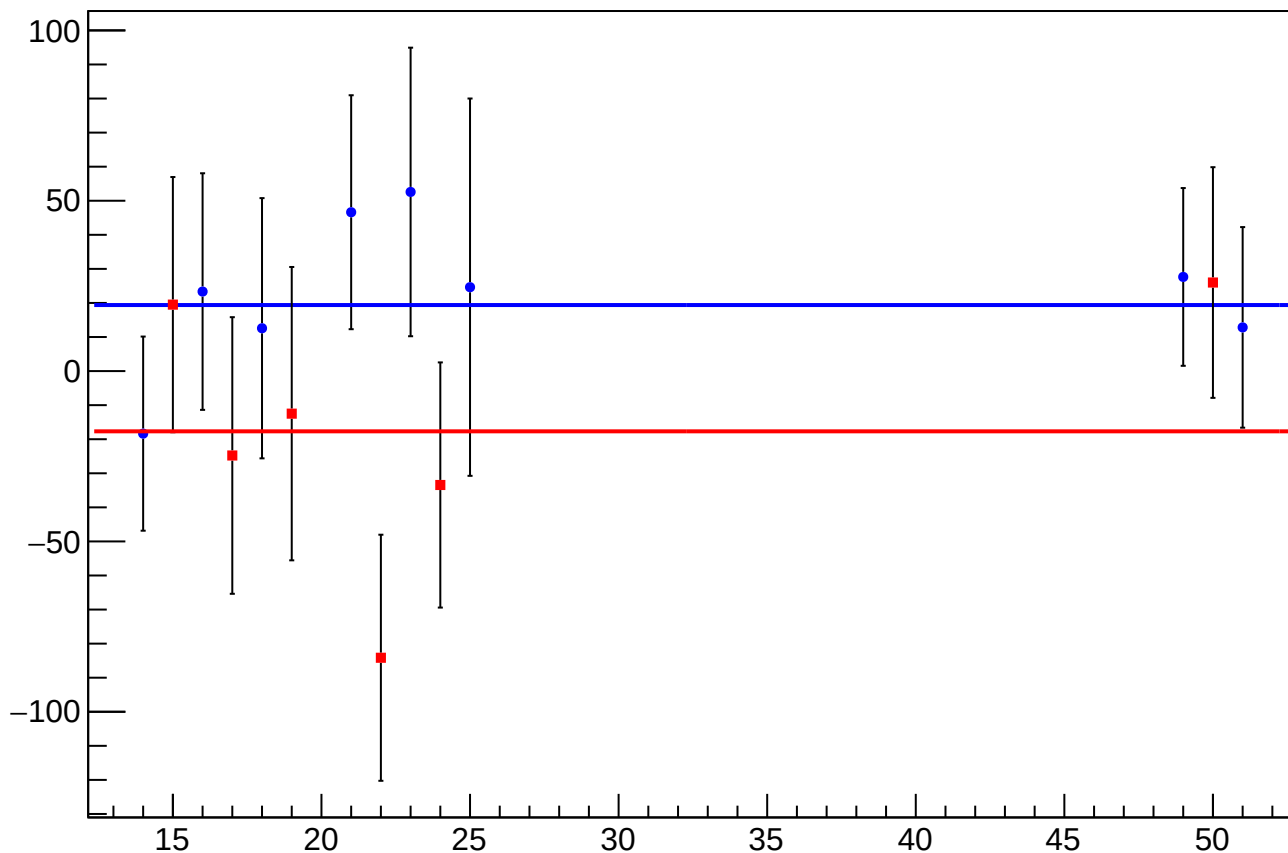
Left Out: 0.009 ± 0.002 χ^2/NDF : 124.4/8

Right Out: -0.010 ± 0.002 χ^2/NDF : 1296.8/7

Left In: -0.011 ± 0.002 χ^2/NDF : 77.3/8

-0.004 ± 0.001 χ^2/NDF : 3164.6/34

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 19.386+/-11.867 χ^2/NDF : 3.2/7

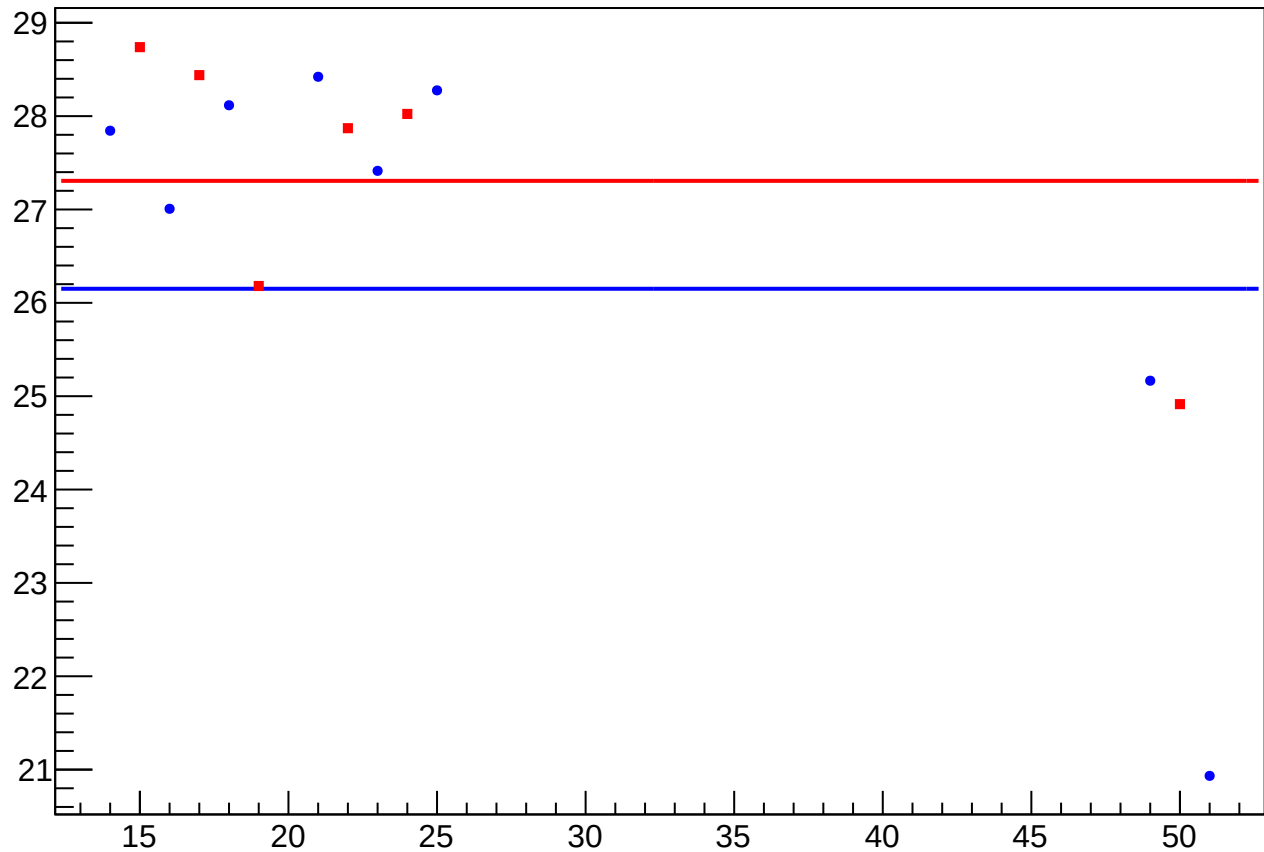
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.685+/-15.302 χ^2/NDF : 6.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.465+/-9.377 χ^2/NDF : 13.1/13

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 26.151 $\pm$ 0.008 χ^2 /NDF: 92719.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.307 $\pm$ 0.011 χ^2 /NDF: 17114.3/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.585 $\pm$ 0.007 χ^2 /NDF: 116960.6/13

bcm_dg_us_dg_ds_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

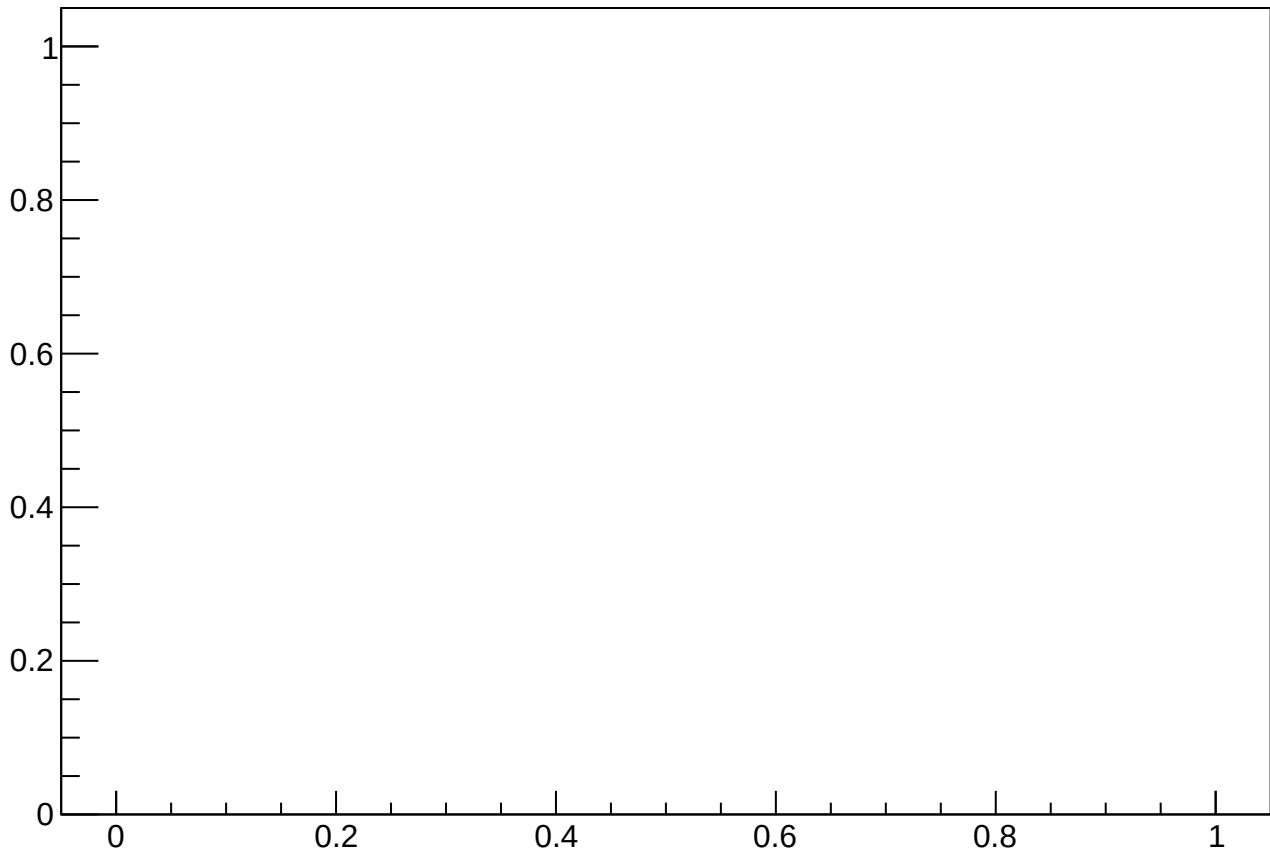
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

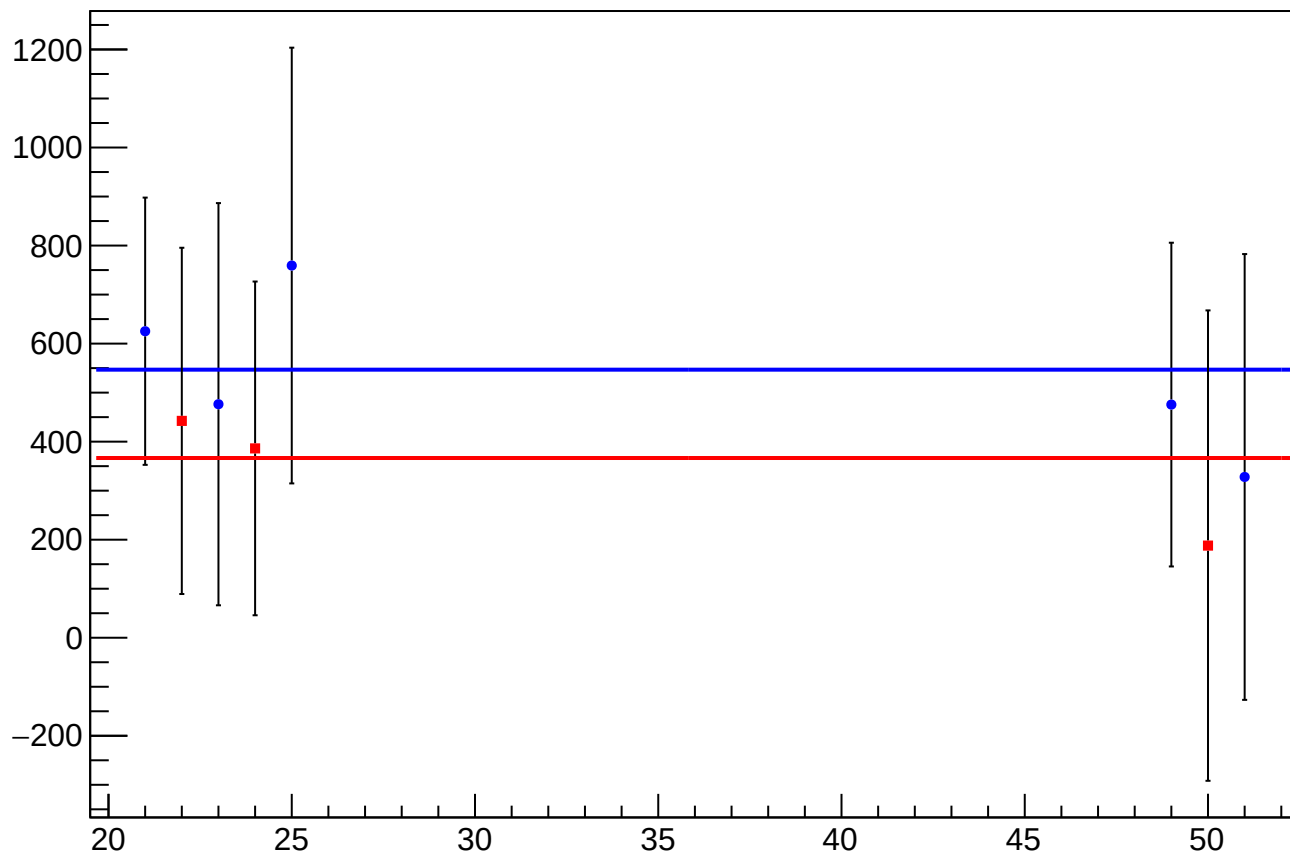
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 546.843+/-161.224 χ^2/NDF : 0.6/4

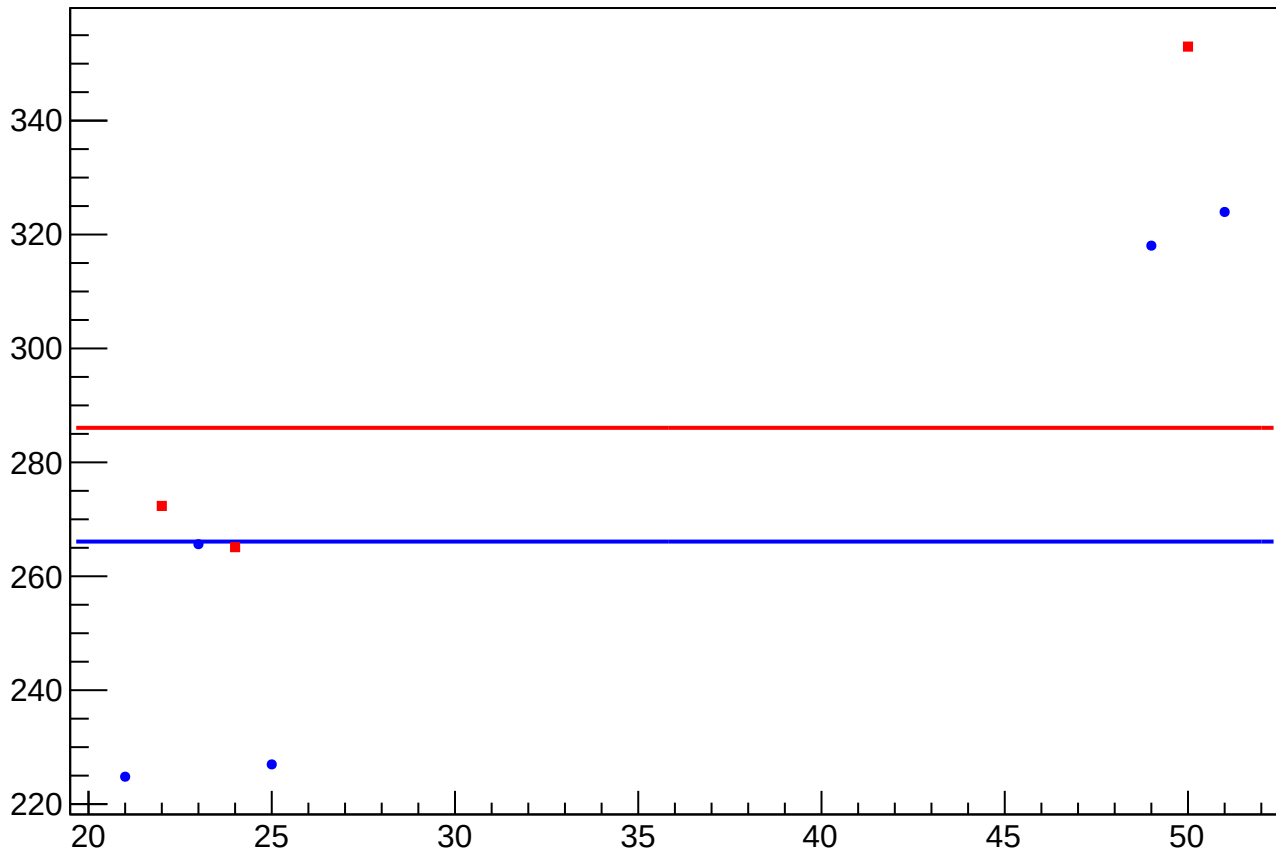
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.638+/-218.256 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

483.226+/-129.680 χ^2/NDF : 1.2/7

asym_us_agg_avg_rms vs slug



Right In: 266.095 $\pm$ 0.114 χ^2 /NDF: 143287.9/4

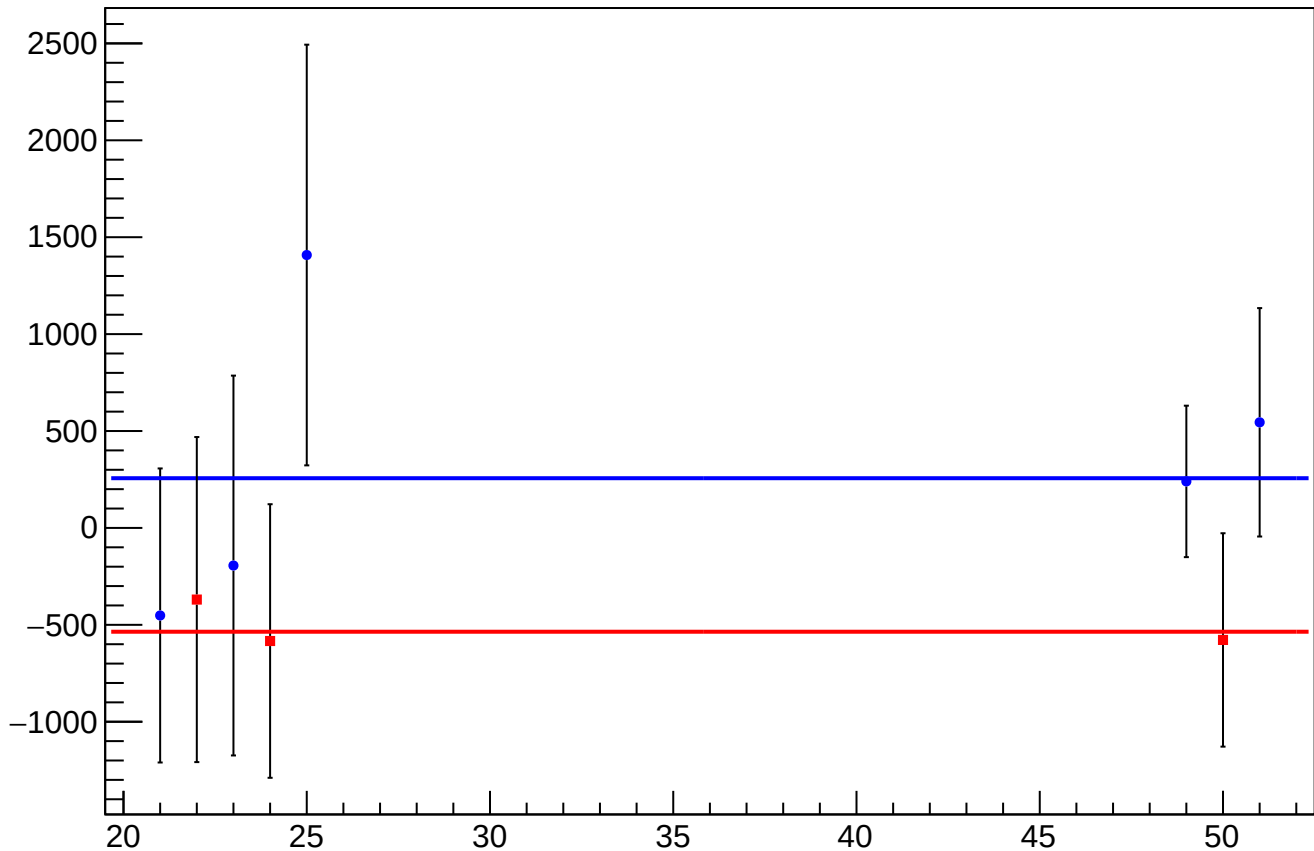
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

273.144 $\pm$ 0.092 χ^2 /NDF: 203636.7/7

Right Out: 286.064 $\pm$ 0.154 χ^2 /NDF: 49516.8/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_agg_dd_mean vs slug



Right In: 256.525 $\pm$ 276.733 χ^2 /NDF: 2.5/4

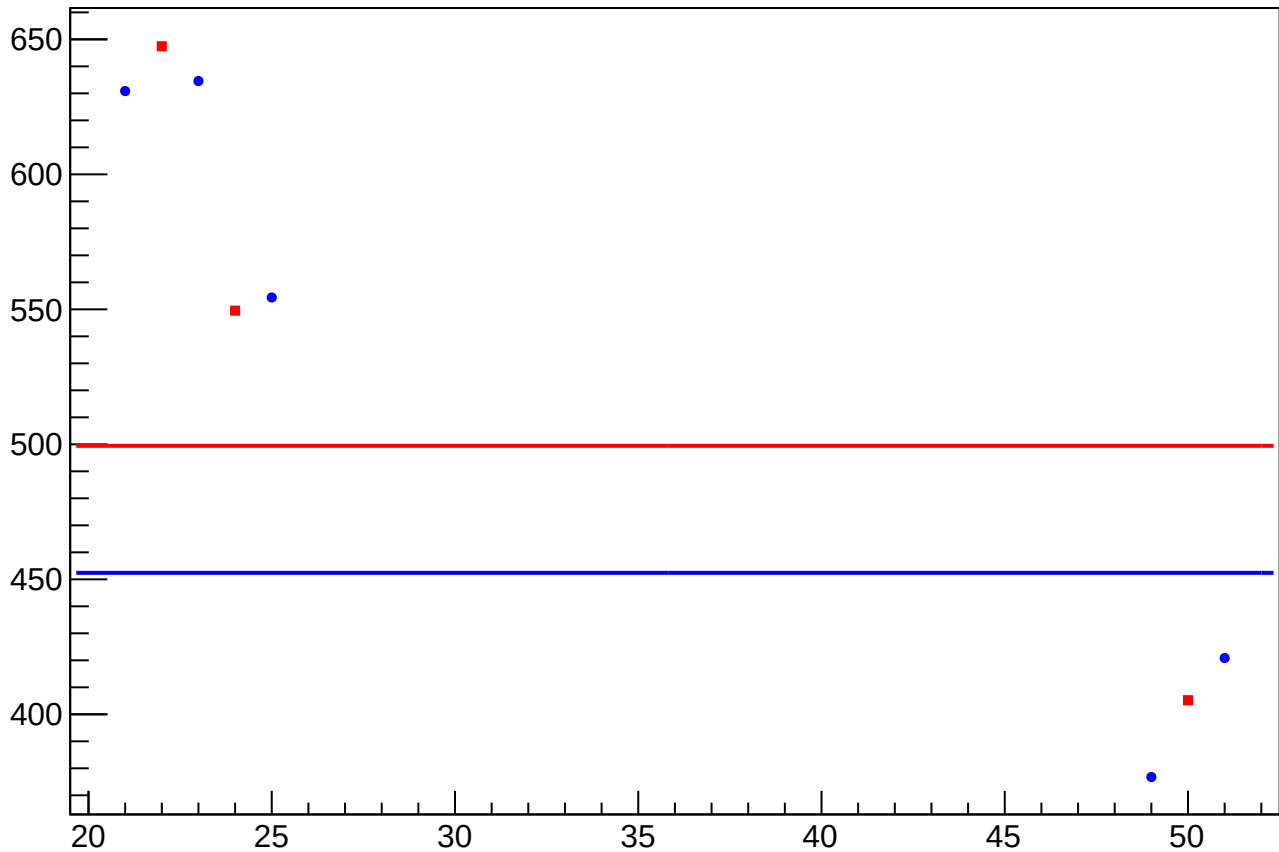
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.844 $\pm$ 224.807 χ^2 /NDF: 5.3/7

Right Out: -535.579 $\pm$ 385.503 χ^2 /NDF: 0.0/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_agg_dd_rms vs slug



Right In: 452.401 $\pm$ 0.196 χ^2 /NDF: 278128.2/4

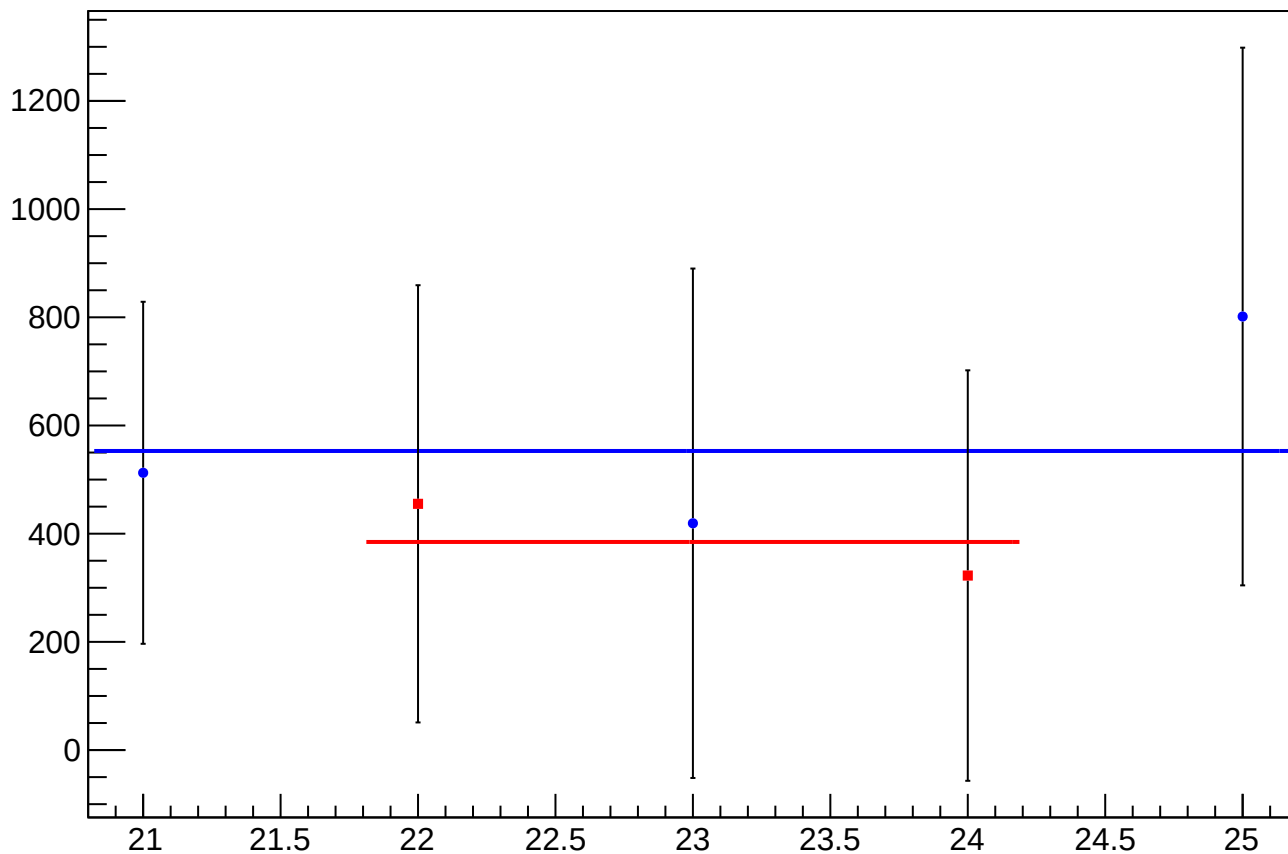
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

468.402 $\pm$ 0.159 χ^2 /NDF: 428732.6/7

Right Out: 499.452 $\pm$ 0.273 χ^2 /NDF: 130943.3/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_ds_agg_avg_mean vs slug



Right In: 552.891+/-232.087 χ^2 /NDF: 0.3/2

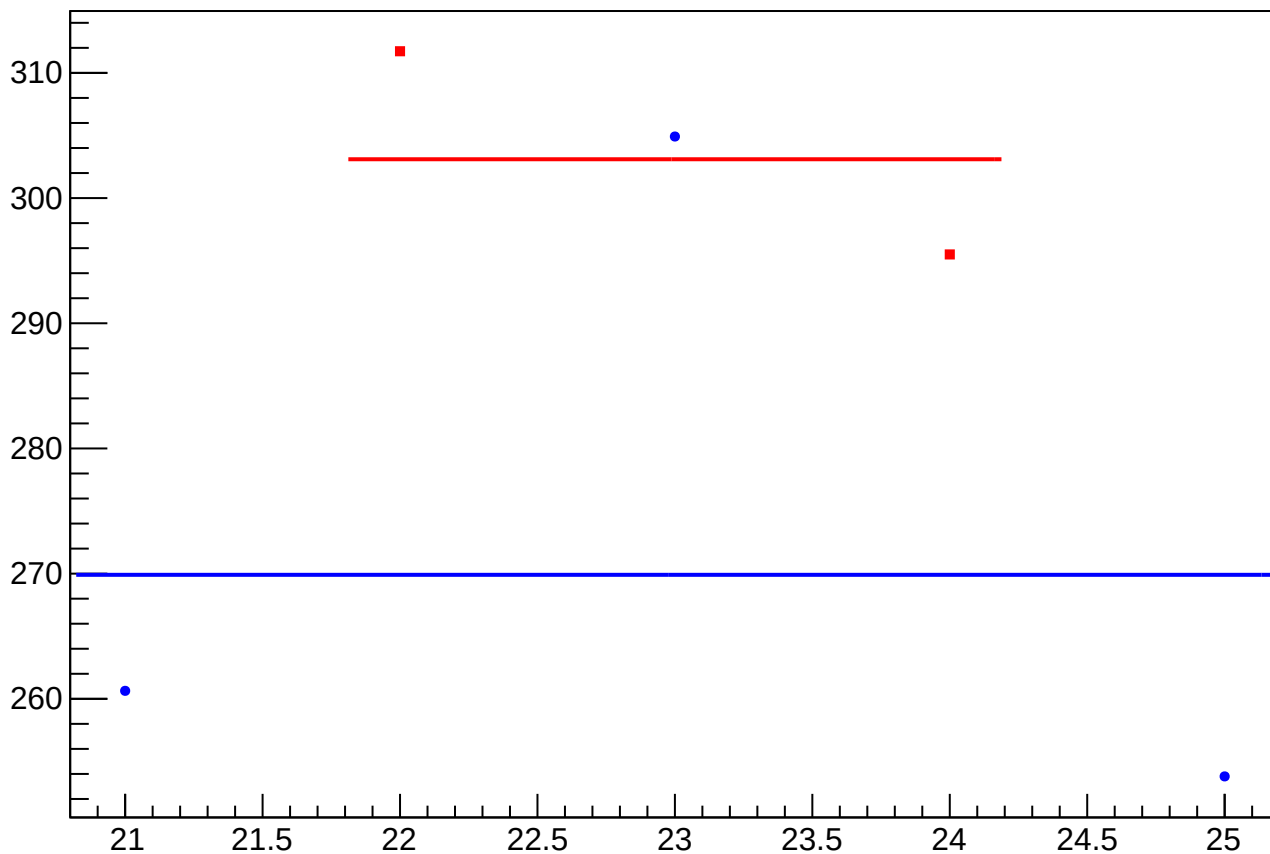
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

483.405+/-177.793 χ^2 /NDF: 0.6/4

Right Out: 384.707+/-276.605 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_ds_agg_avg_rms vs slug



Right In: 269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

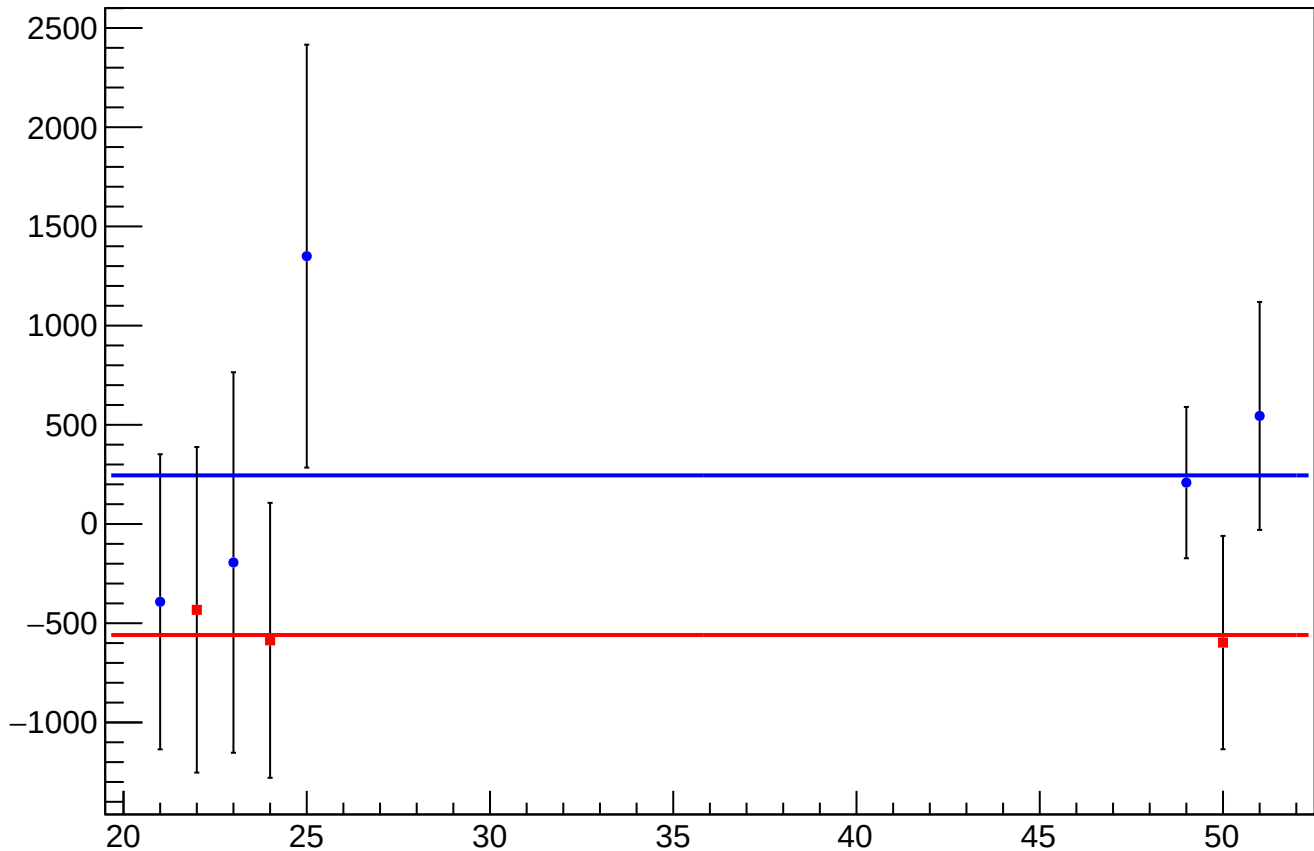
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.621 $\pm$ 0.126 χ^2 /NDF: 33496.2/4

Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_ds_agg_dd_mean vs slug



Right In: 245.236+/-270.326 χ^2/NDF : 2.3/4

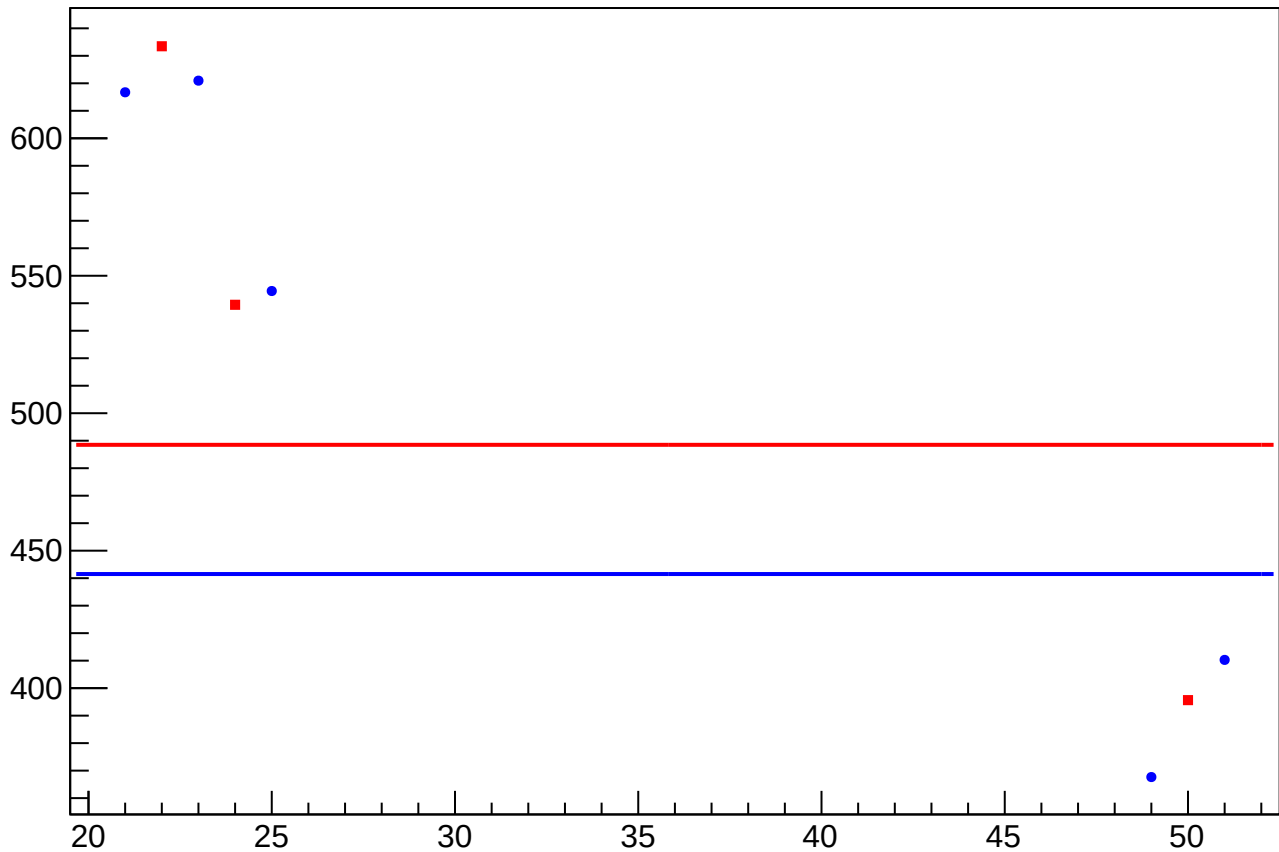
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.772+/-219.720 χ^2/NDF : 5.3/7

Right Out: -559.233+/-377.169 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_rms vs slug



Right In: 441.505 $\pm$ 0.191 χ^2 /NDF: 280658.6/4

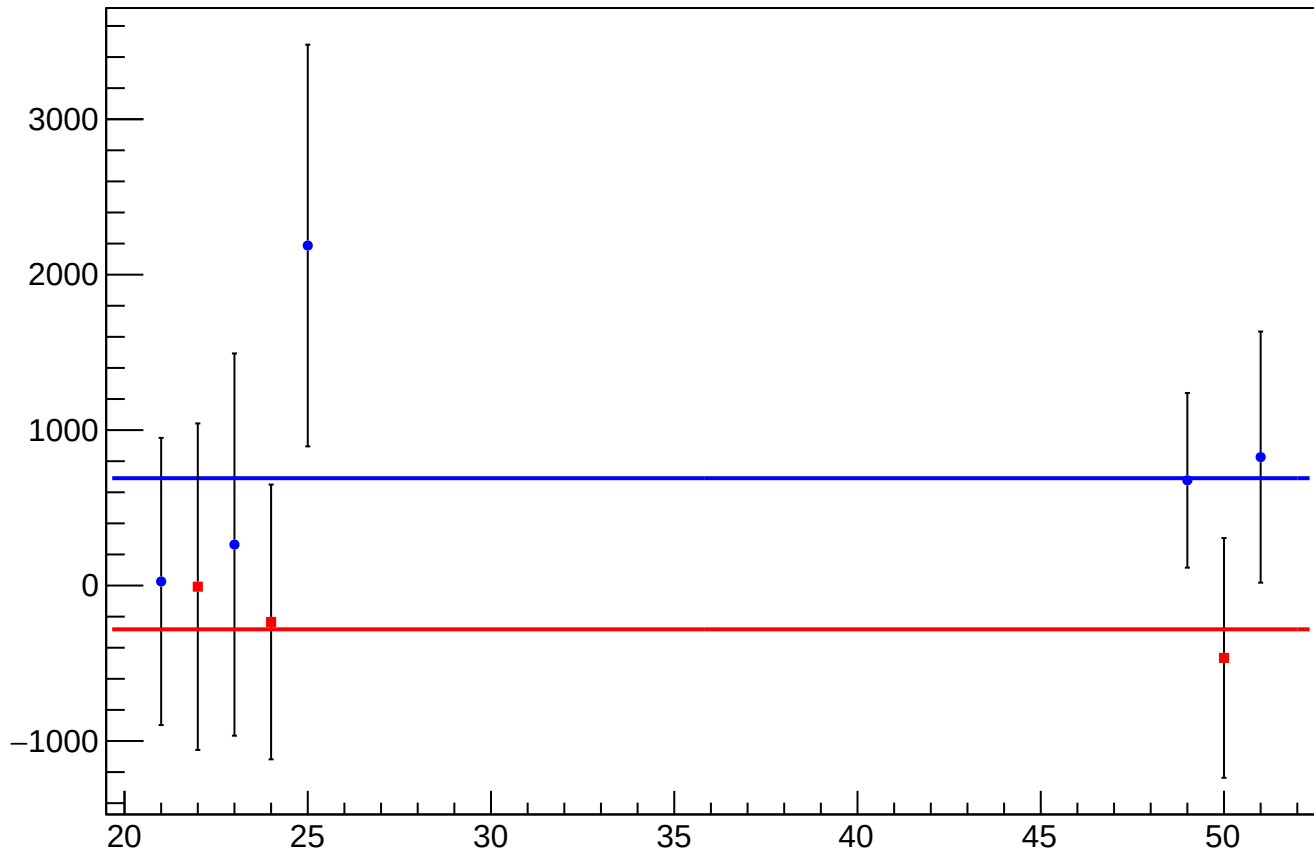
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

457.455 $\pm$ 0.155 χ^2 /NDF: 434105.0/7

Right Out: 488.504 $\pm$ 0.267 χ^2 /NDF: 132930.7/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_left_agg_avg_mean vs slug



Right In: 690.683 $\pm$ 374.427 χ^2 /NDF: 2.0/4

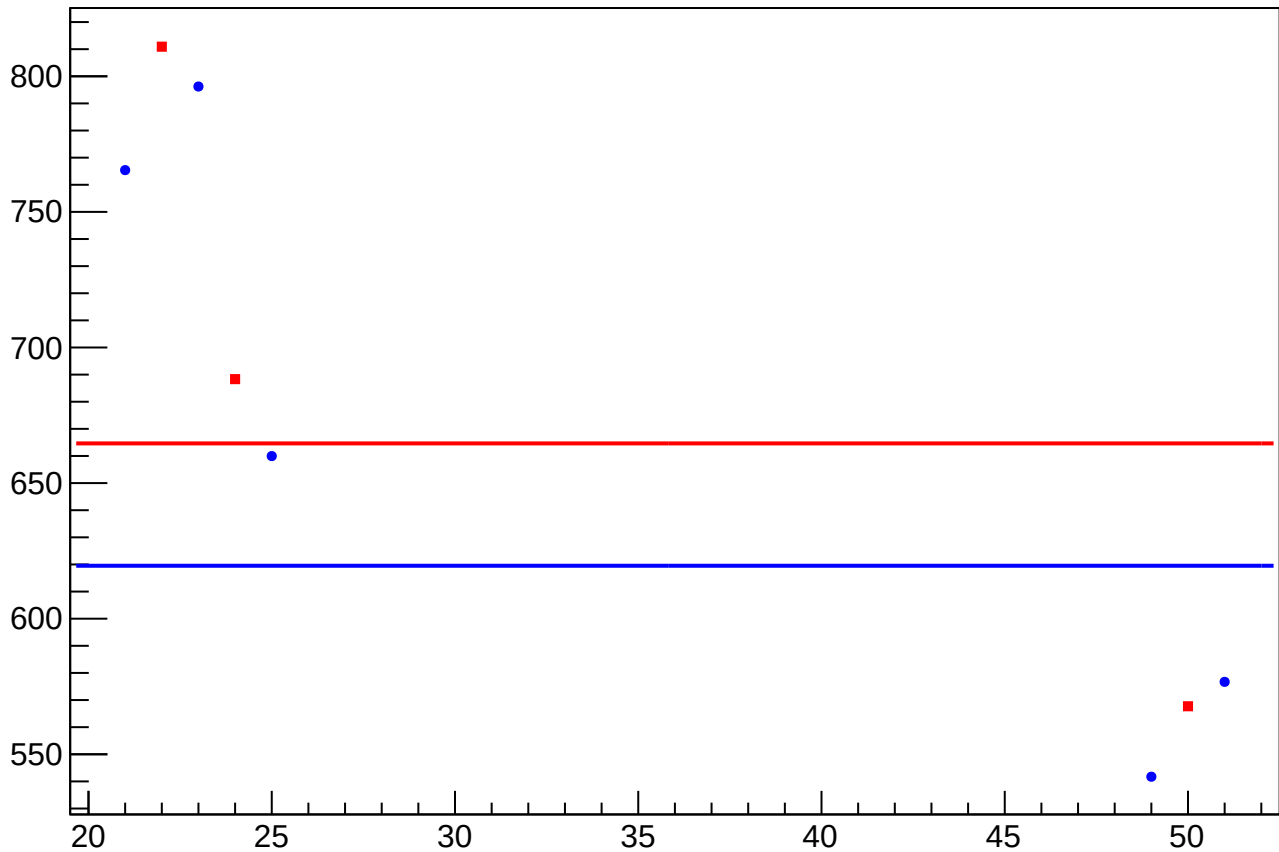
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

348.846 $\pm$ 301.500 χ^2 /NDF: 4.5/7

Right Out: -281.542 $\pm$ 508.465 χ^2 /NDF: 0.1/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_left_agg_avg_rms vs slug



Right In: 619.519 $\pm$ 0.265 χ^2 /NDF: 137110.7/4

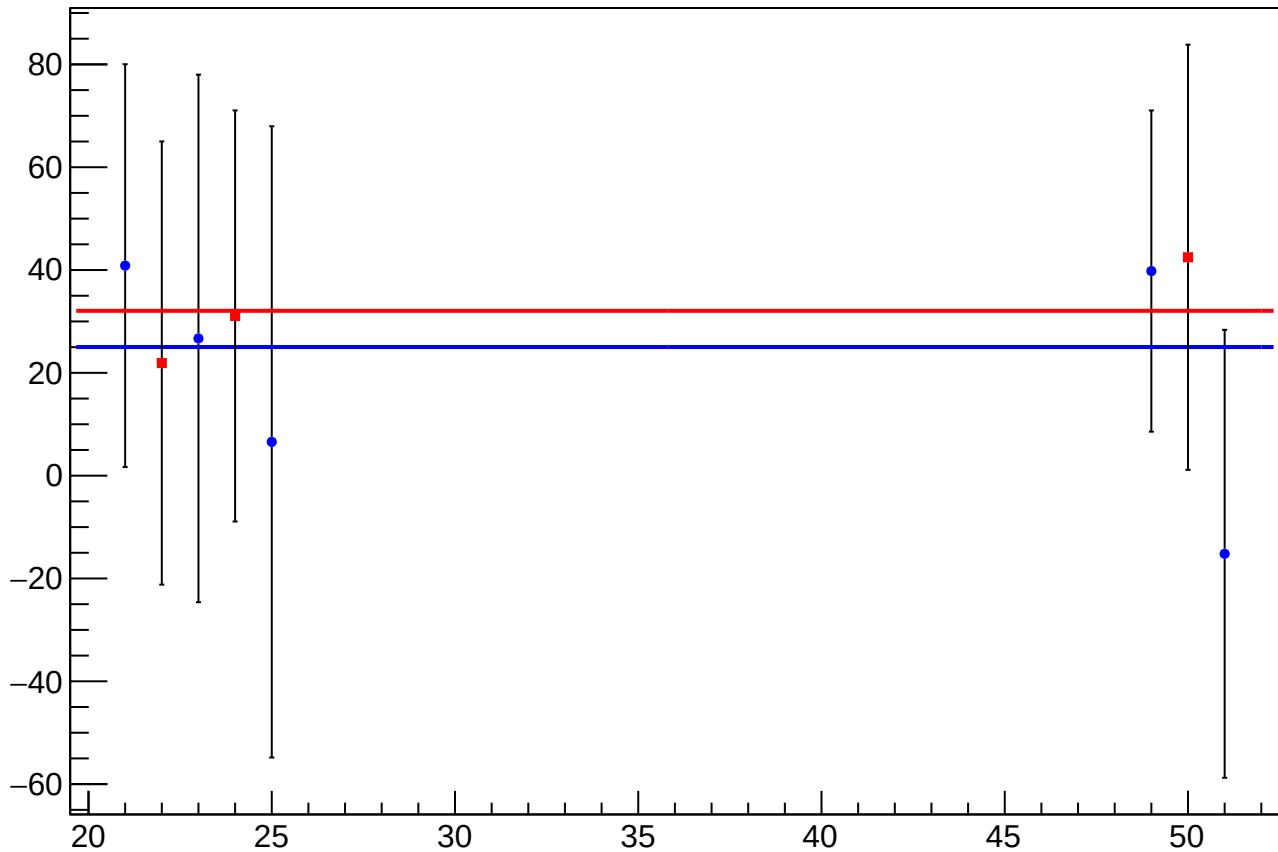
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

635.382 $\pm$ 0.213 χ^2 /NDF: 219140.2/7

Right Out: 664.636 $\pm$ 0.360 χ^2 /NDF: 71819.1/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_left_agg_dd_mean vs slug



Right In: 25.026+/-18.739 χ^2/NDF : 1.3/4

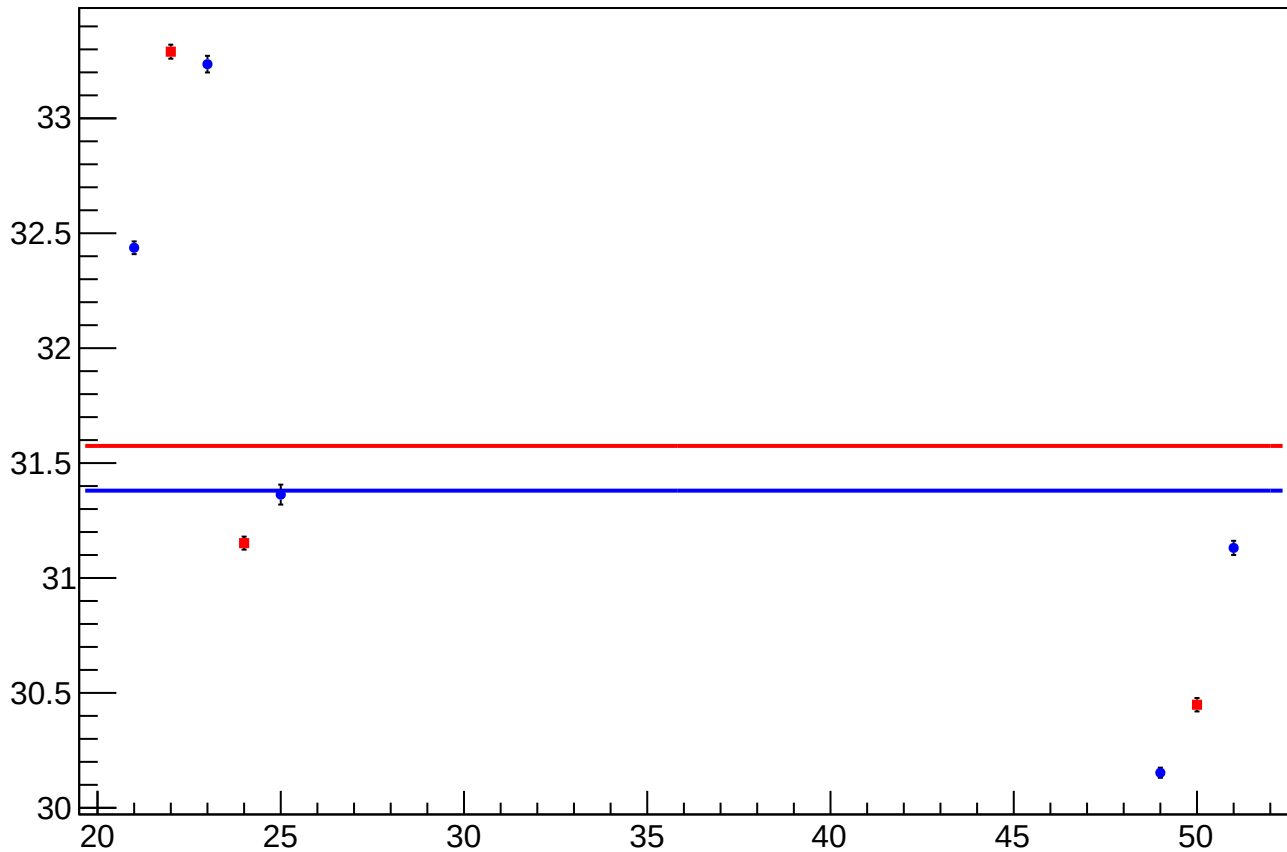
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.069+/-23.916 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.705+/-14.750 χ^2/NDF : 1.5/7

asym_left_agg_dd_rms vs slug



Right In: 31.380+/-0.013 χ^2/NDF : 7223.3/4

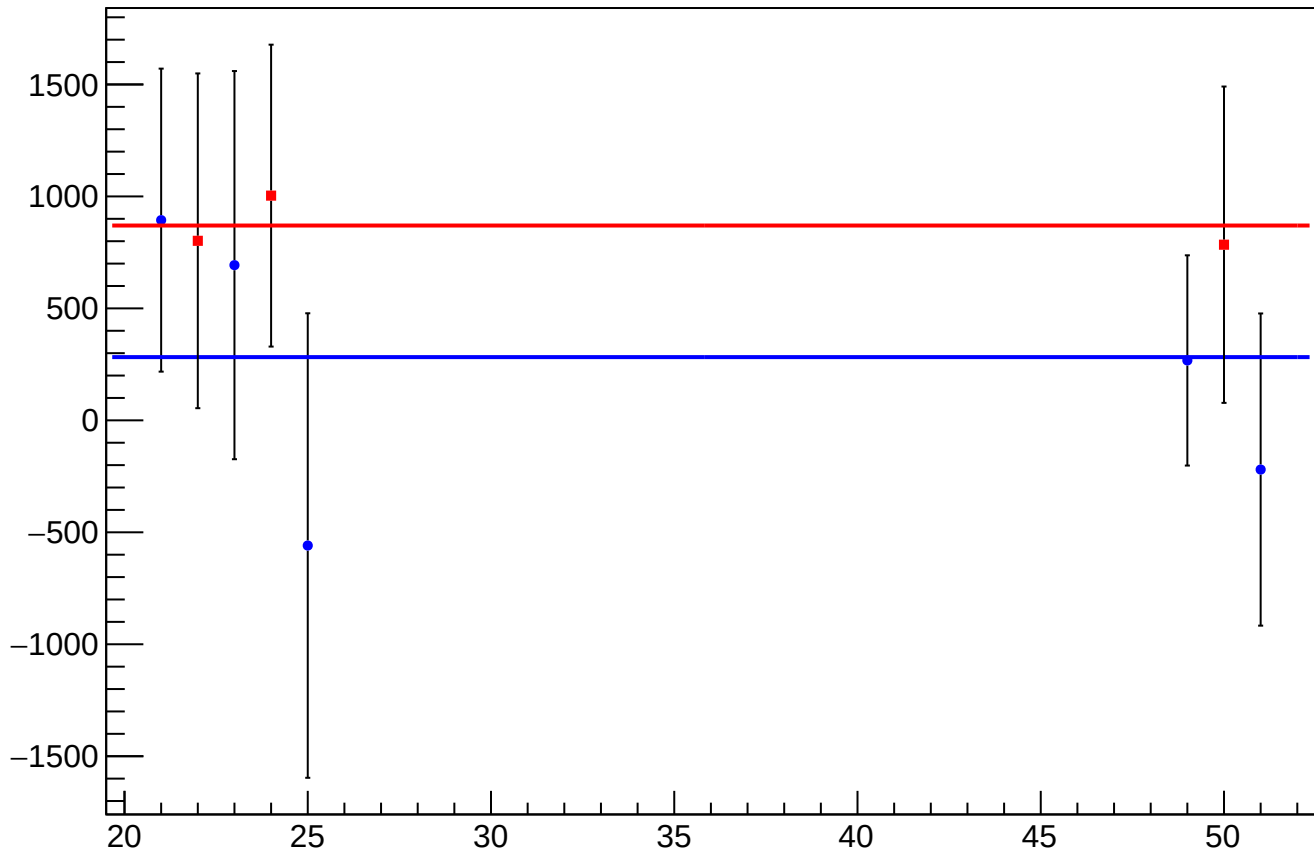
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.454+/-0.010 χ^2/NDF : 12179.0/7

Right Out: 31.575+/-0.017 χ^2/NDF : 4873.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_right_agg_avg_mean vs slug



Right In: 282.395+/-300.968 χ^2 /NDF: 2.2/4

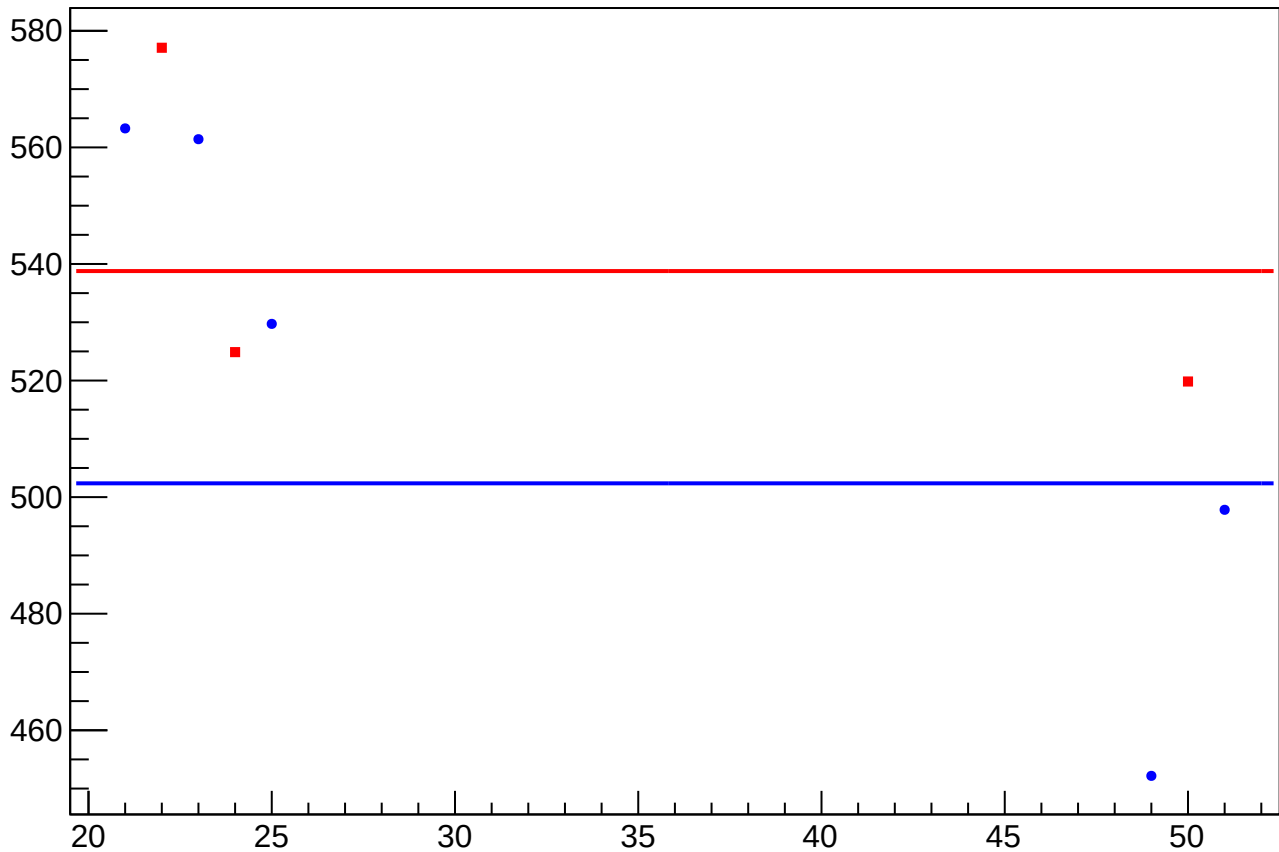
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

489.177+/-242.294 χ^2 /NDF: 3.6/7

Right Out: 870.019+/-408.448 χ^2 /NDF: 0.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

asym_right_agg_avg_rms vs slug



Right In: 502.366 $\pm$ 0.213 χ^2 /NDF: 49813.4/4

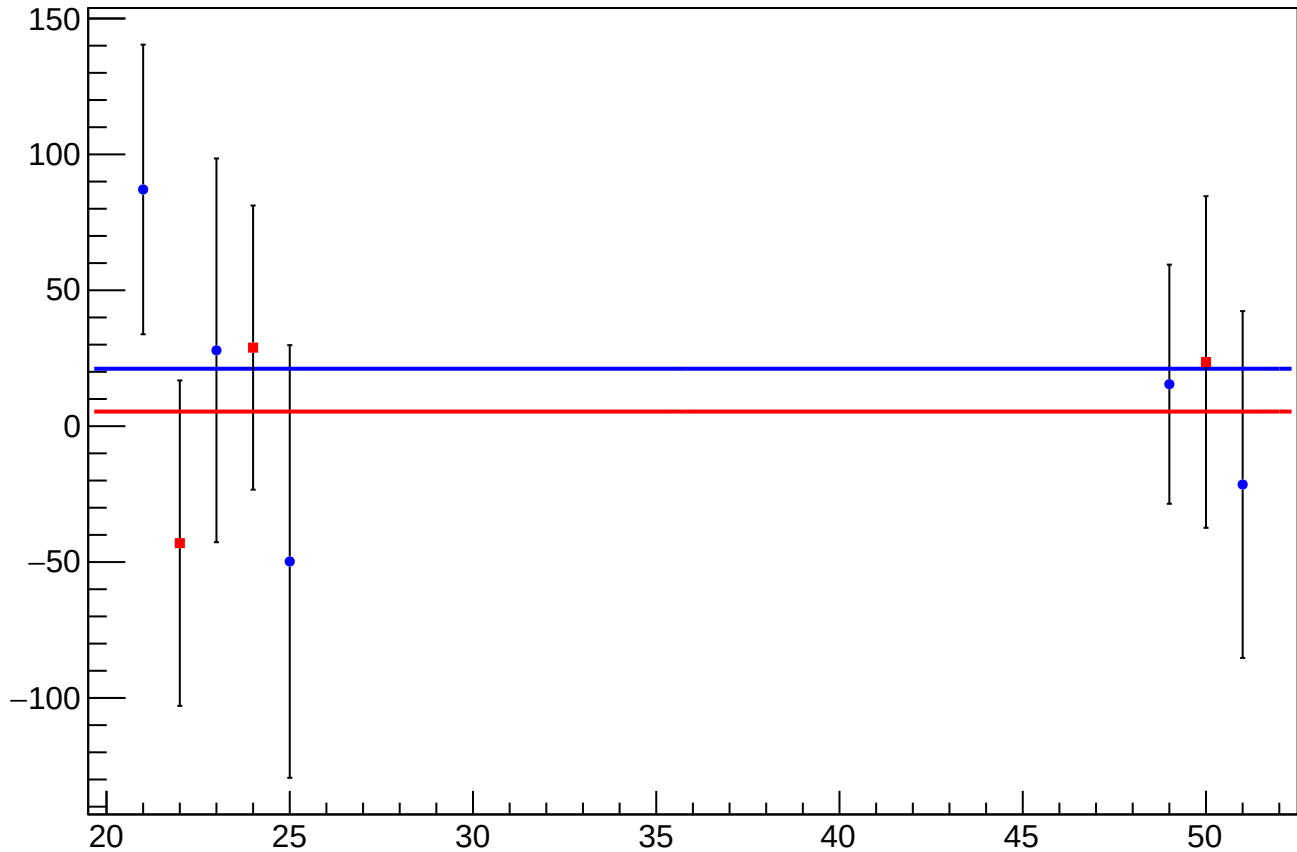
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

515.181 $\pm$ 0.171 χ^2 /NDF: 67662.3/7

Right Out: 538.784 $\pm$ 0.289 χ^2 /NDF: 7544.2/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_right_agg_dd_mean vs slug



Right In: 21.133+/-26.055 χ^2/NDF : 2.8/4

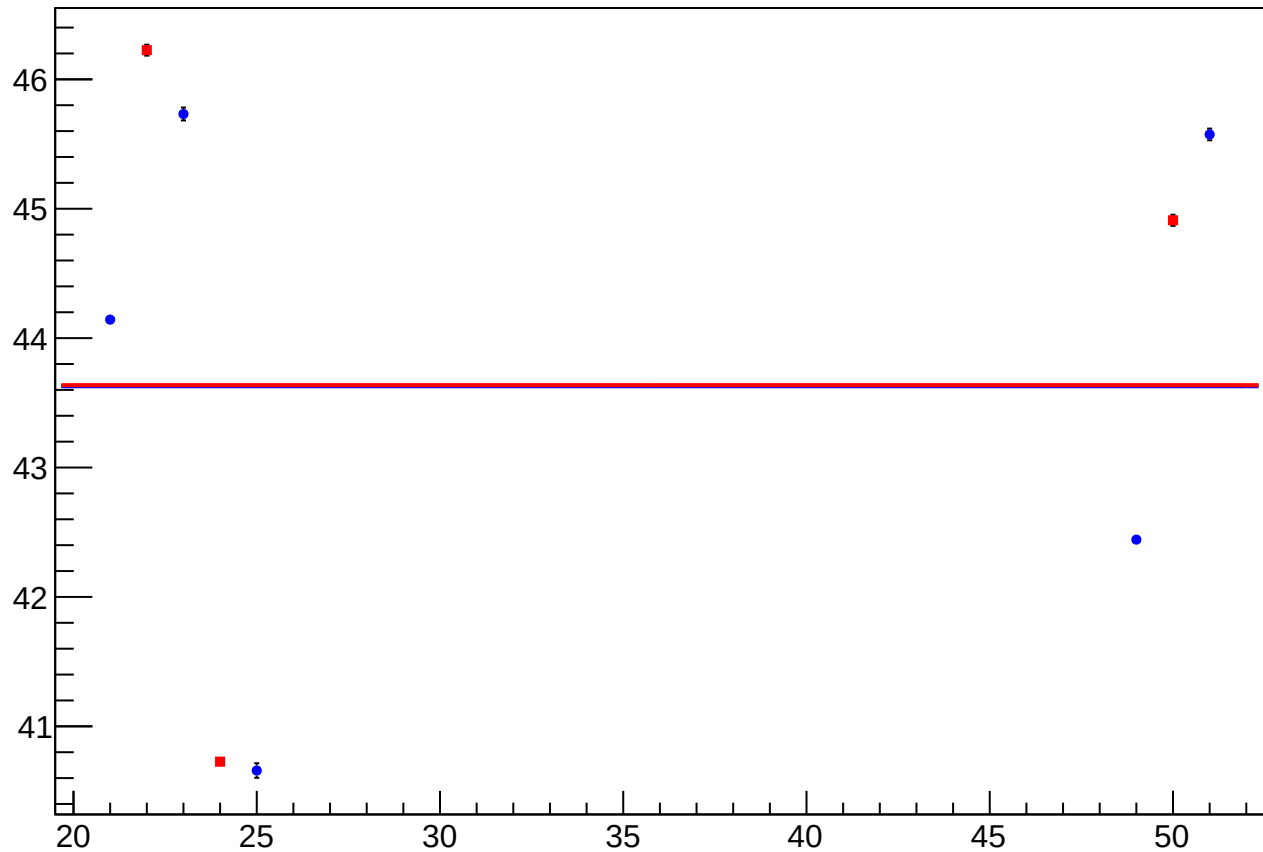
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.378+/-33.082 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.102+/-20.469 χ^2/NDF : 3.9/7

asym_right_agg_dd_rms vs slug



Right In: 43.628 $\pm$ 0.018 χ^2 /NDF: 8058.5/4

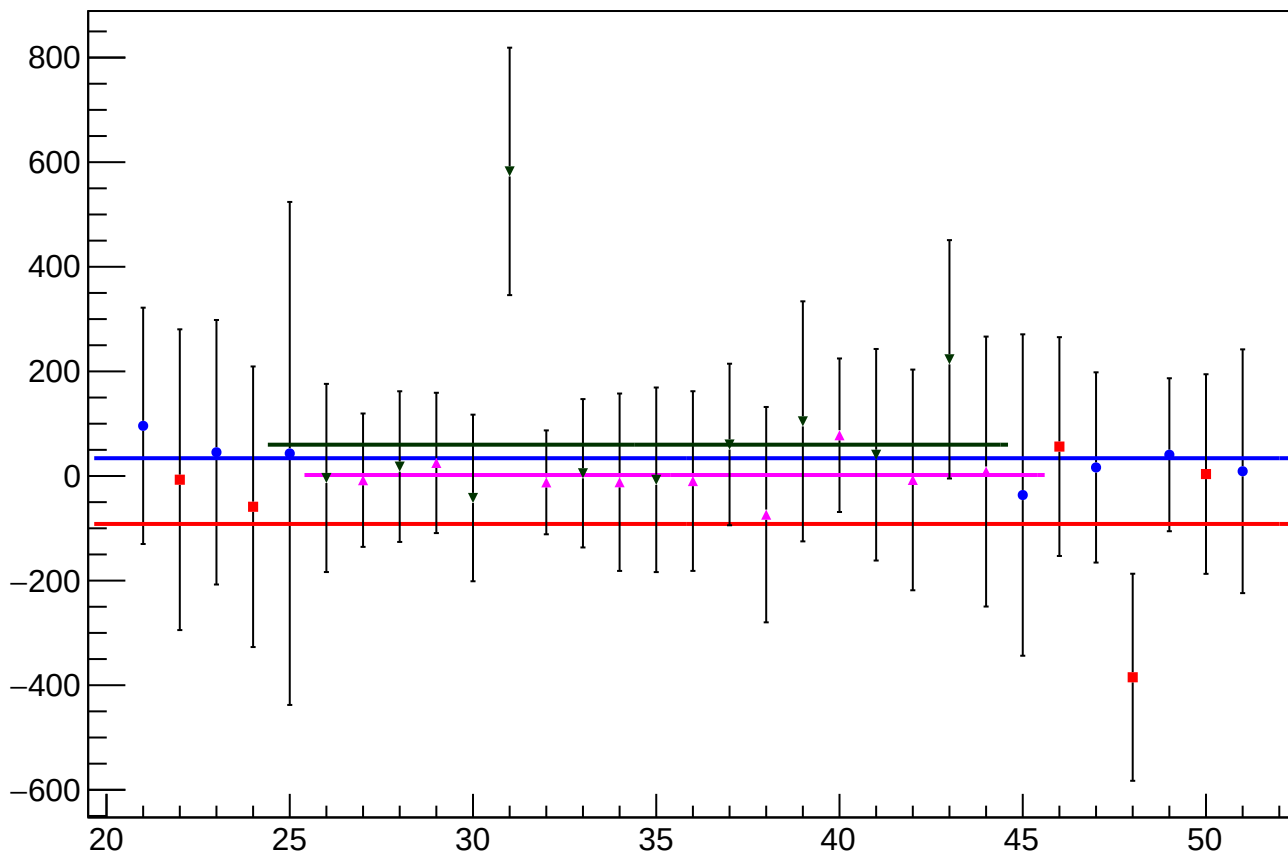
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.636 $\pm$ 0.023 χ^2 /NDF: 10808.8/2

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

43.631 $\pm$ 0.014 χ^2 /NDF: 18867.4/7

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 34.027 ± 82.887 $\chi^2/\text{NDF}: 0.2/6$

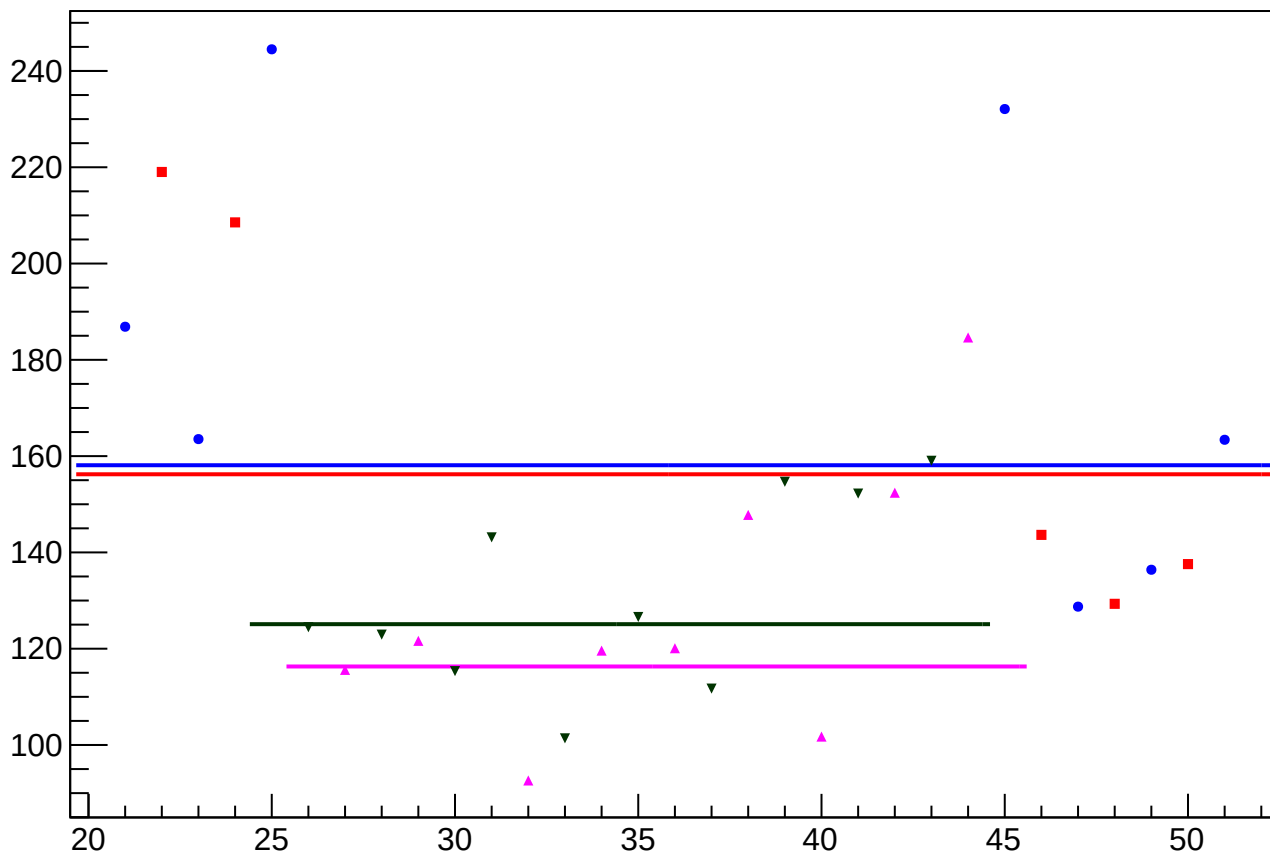
Left Out: 59.870 ± 55.655 $\chi^2/\text{NDF}: 6.4/9$

16.276 ± 32.193 $\chi^2/\text{NDF}: 11.9/30$

Right Out: -91.669 ± 99.093 $\chi^2/\text{NDF}: 3.0/4$

Left In: 1.923 ± 50.339 $\chi^2/\text{NDF}: 0.5/8$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 158.108 $\pm$ 0.059 χ^2 /NDF: 311135.8/6

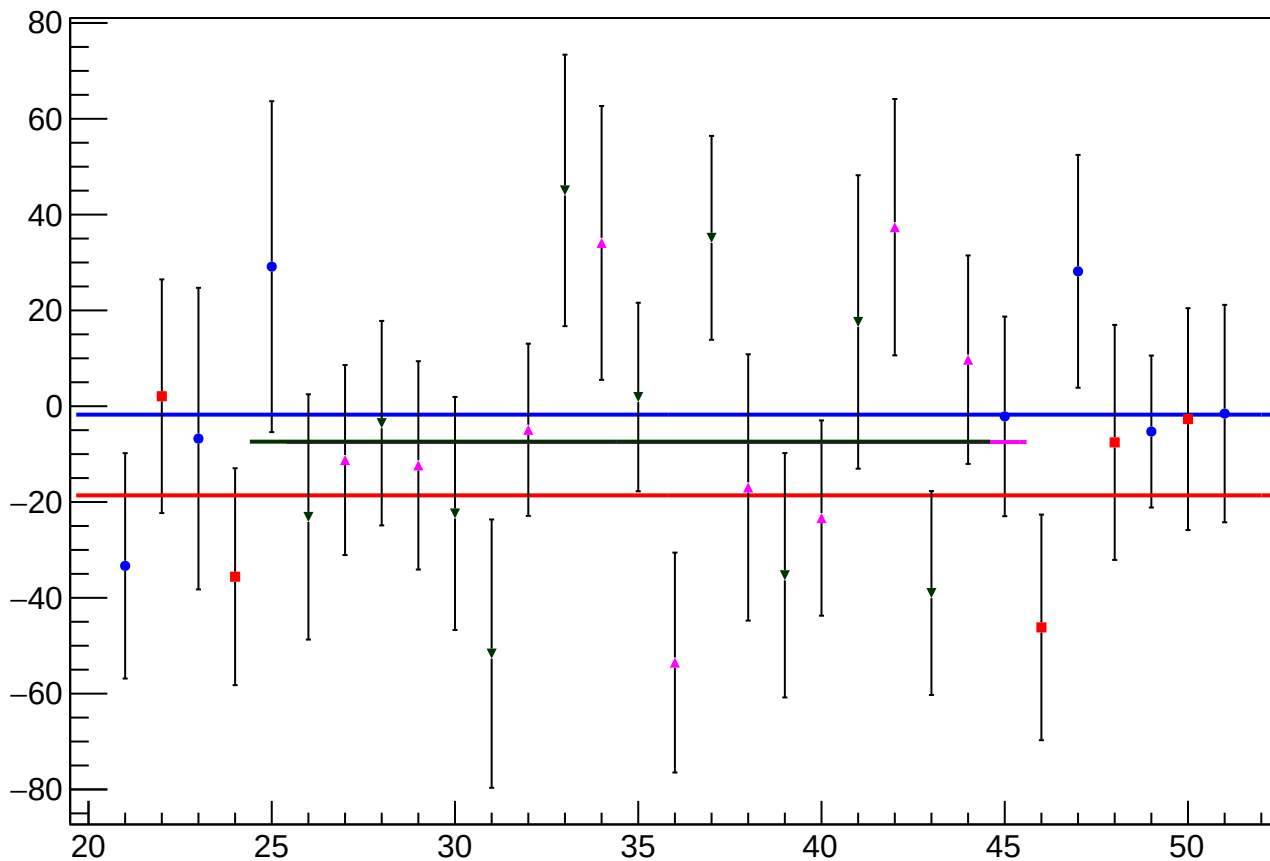
Left Out: 125.094 $\pm$ 0.039 χ^2 /NDF: 204235.7/9

Right Out: 156.229 $\pm$ 0.070 χ^2 /NDF: 234806.4/4

Left In: 116.306 $\pm$ 0.036 χ^2 /NDF: 383847.2/8

129.766 $\pm$ 0.023 χ^2 /NDF: 1667566.6/30

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.757 ± 8.585 χ^2/NDF : 4.2/6

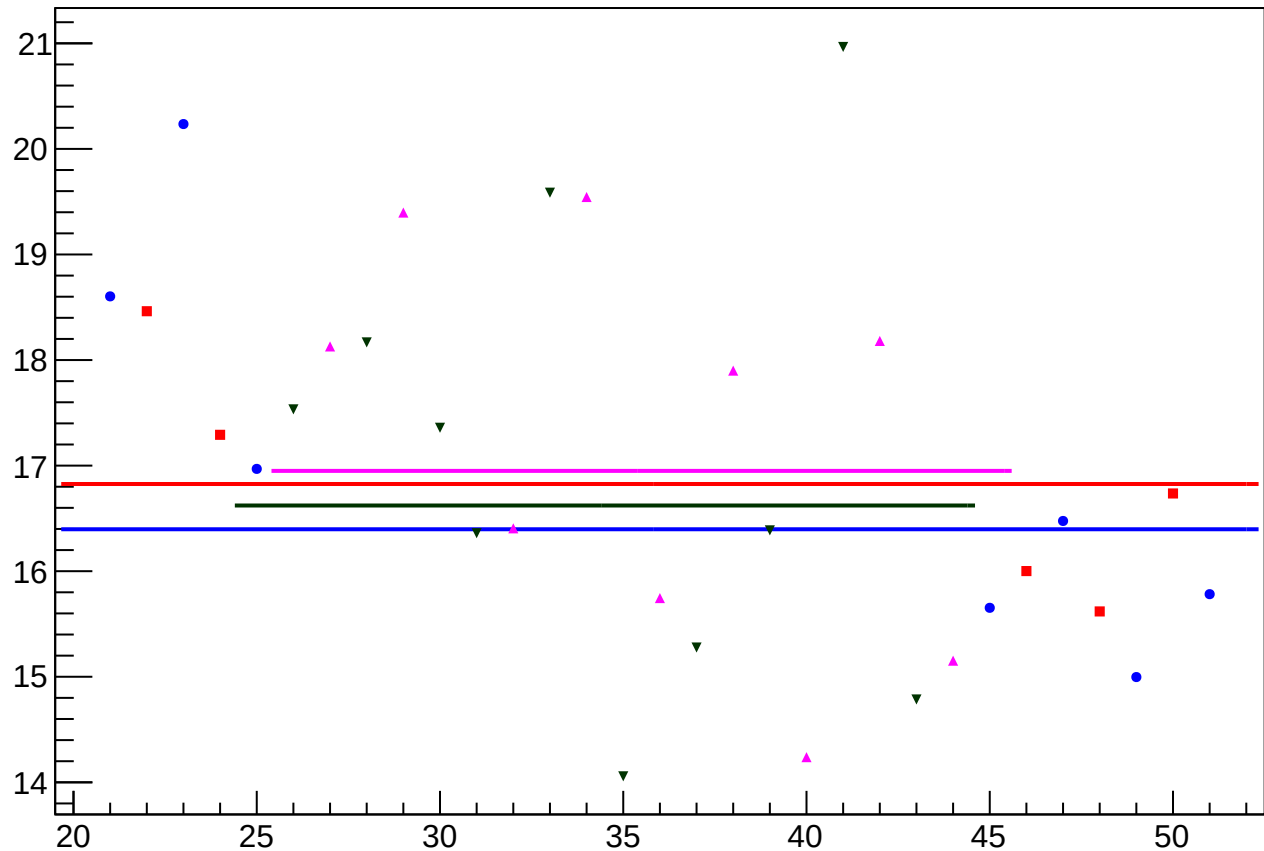
Left Out: -7.396 ± 7.553 χ^2/NDF : 15.0/9

Right Out: -18.611 ± 10.564 χ^2/NDF : 3.3/4

Left In: -7.478 ± 7.436 χ^2/NDF : 10.4/8

-7.834 ± 4.147 χ^2/NDF : 34.5/30

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.397 $\pm$ 0.006 χ^2 /NDF: 67485.3/6

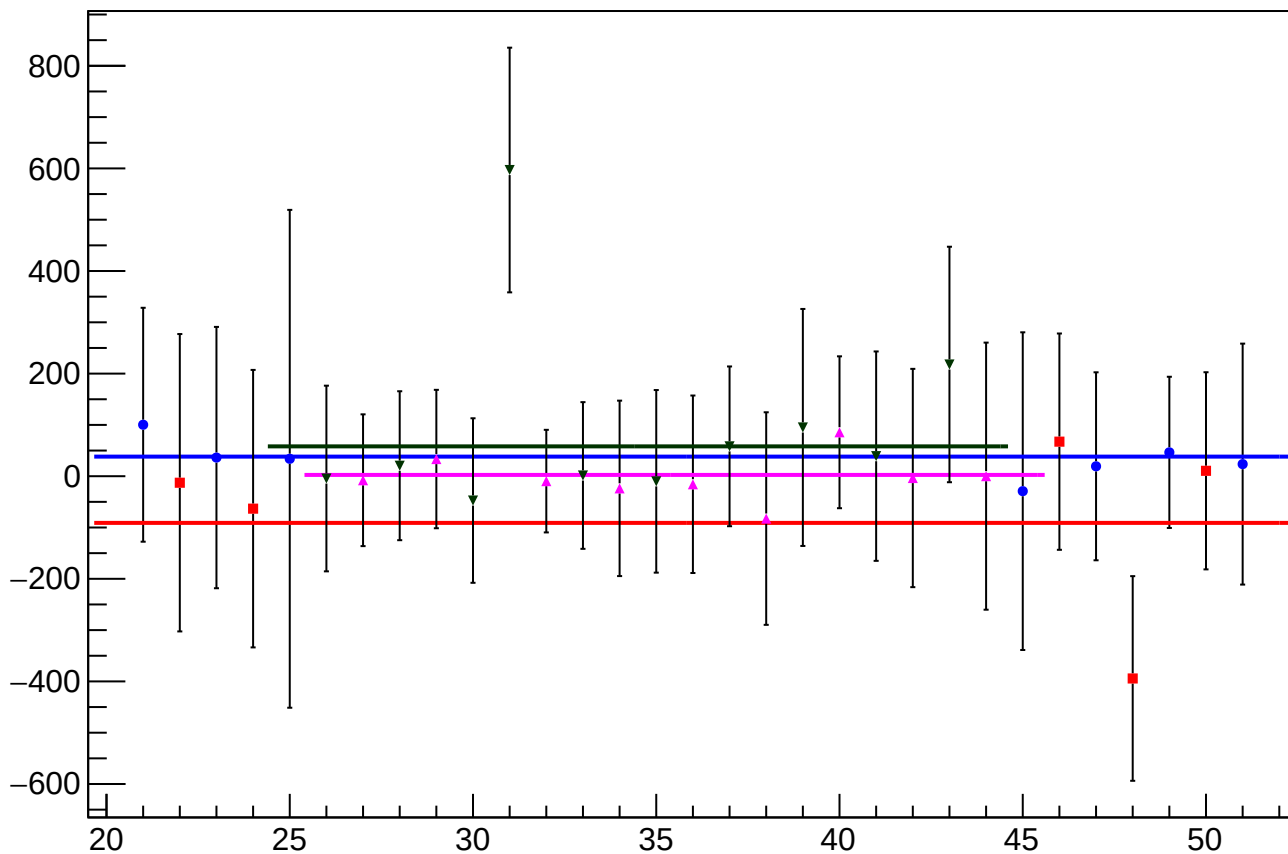
Left Out: 16.622 $\pm$ 0.005 χ^2 /NDF: 134157.6/9

Right Out: 16.826 $\pm$ 0.007 χ^2 /NDF: 17177.3/4

Left In: 16.950 $\pm$ 0.005 χ^2 /NDF: 111827.8/8

16.703 $\pm$ 0.003 χ^2 /NDF: 335893.7/30

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 38.197+/-83.540 χ^2/NDF : 0.1/6

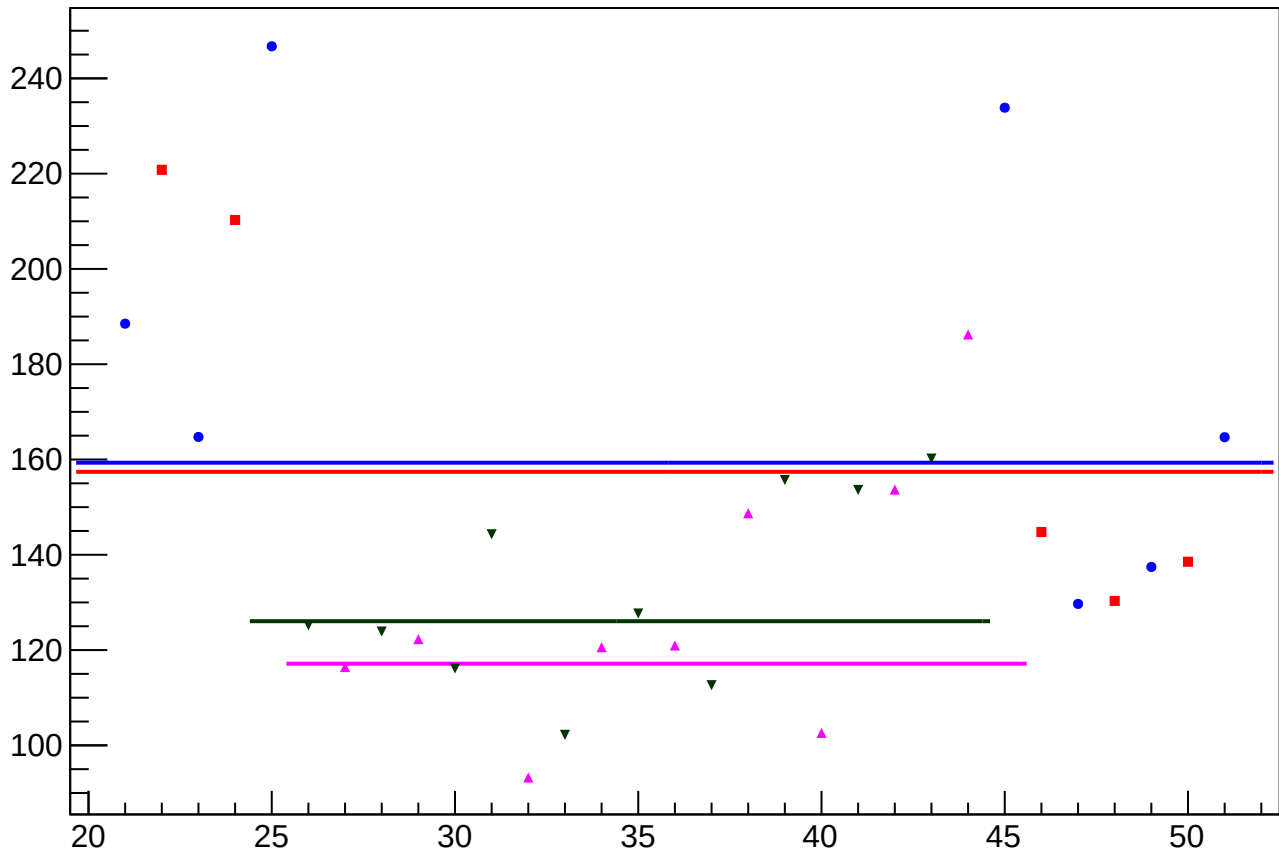
Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

16.637+/-32.436 χ^2/NDF : 12.4/30

Right Out: -90.997+/-99.855 χ^2/NDF : 3.2/4

Left In: 2.514+/-50.703 χ^2/NDF : 0.6/8

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 159.330 $\pm$ 0.059 χ^2 /NDF: 311847.4/6

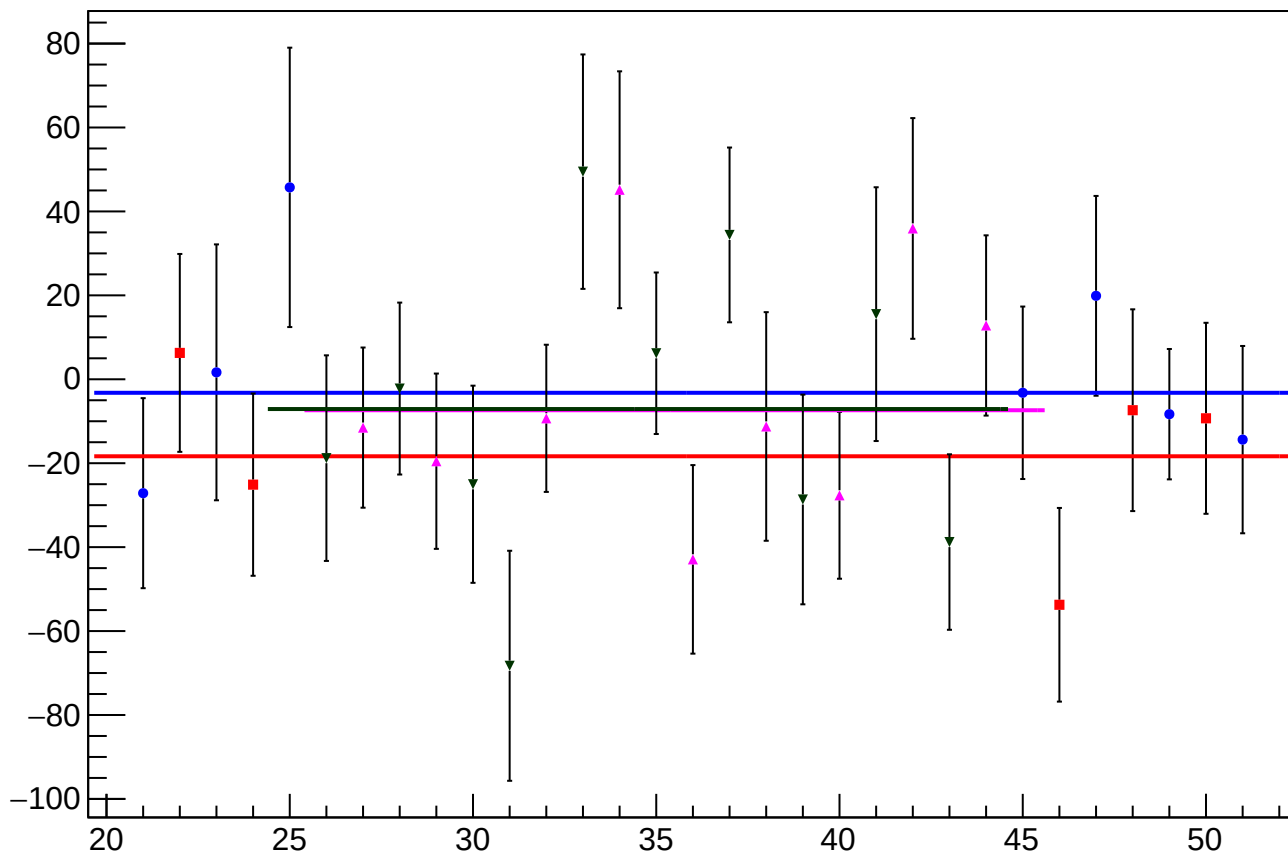
Left Out: 126.059 $\pm$ 0.040 χ^2 /NDF: 204192.9/9

Right Out: 157.420 $\pm$ 0.071 χ^2 /NDF: 235462.7/4

Left In: 117.138 $\pm$ 0.036 χ^2 /NDF: 384599.1/8

130.733 $\pm$ 0.023 χ^2 /NDF: 1671003.1/30

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.219 ± 8.388 χ^2/NDF : 4.6/6

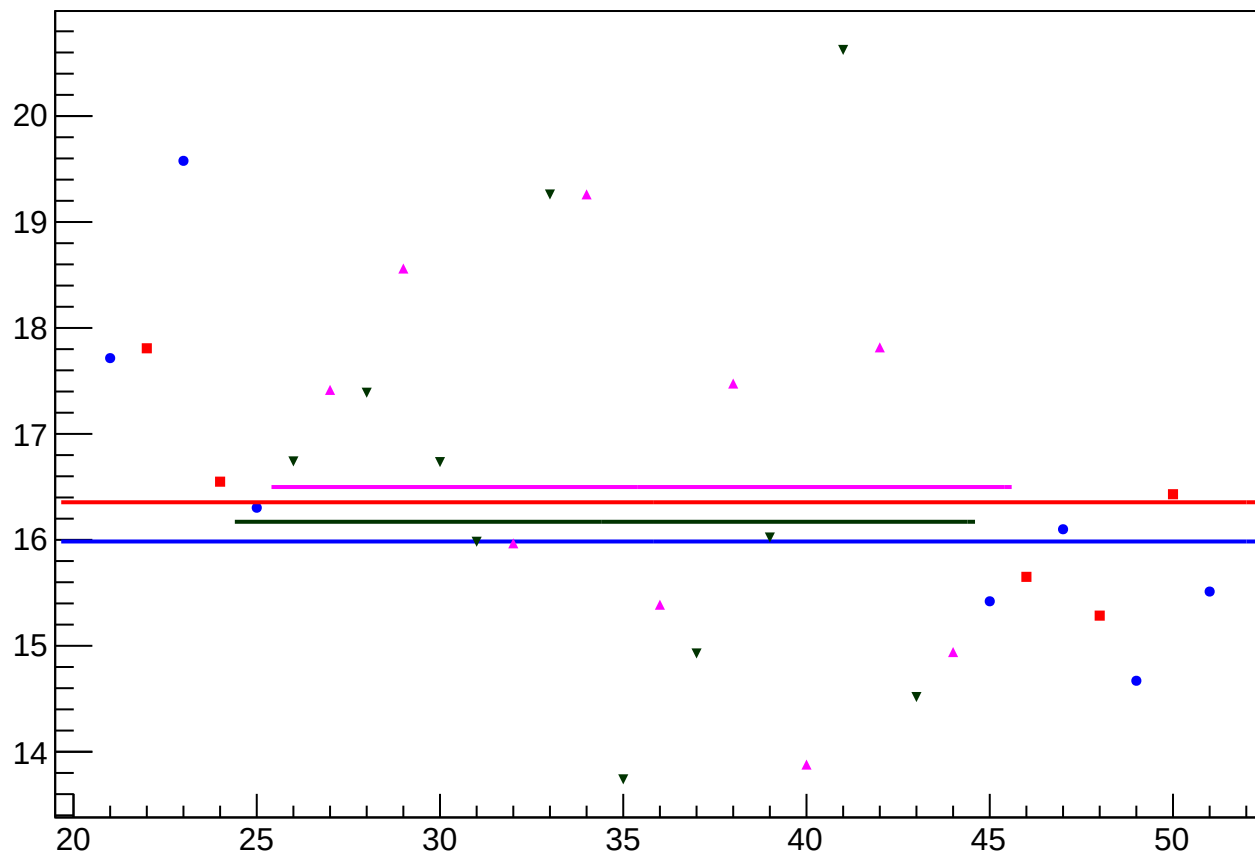
Left Out: -7.091 ± 7.359 χ^2/NDF : 18.0/9

Right Out: -18.348 ± 10.283 χ^2/NDF : 3.9/4

Left In: -7.378 ± 7.251 χ^2/NDF : 11.0/8

-8.022 ± 4.044 χ^2/NDF : 38.9/30

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.985 $\pm$ 0.006 χ^2 /NDF: 56409.5/6

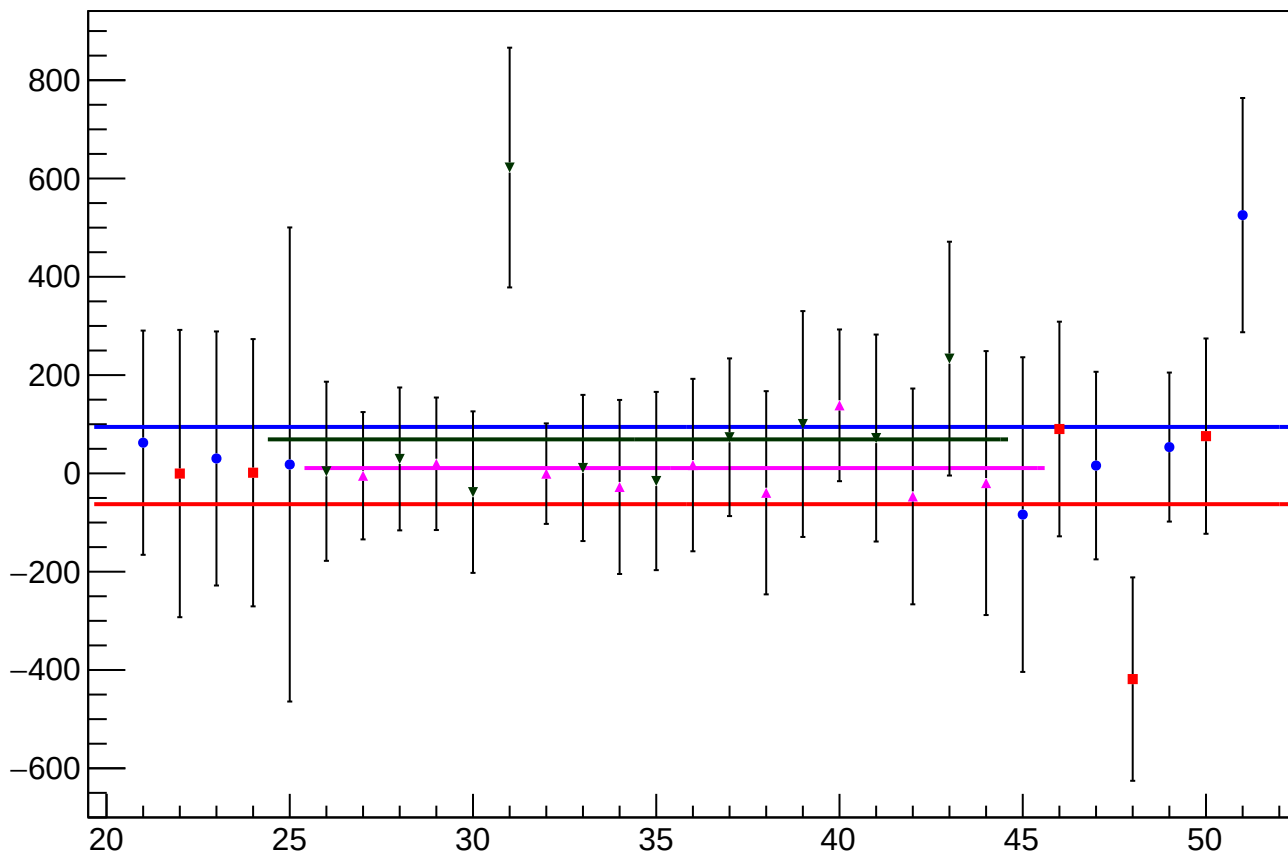
Left Out: 16.171 $\pm$ 0.005 χ^2 /NDF: 128877.5/9

Right Out: 16.355 $\pm$ 0.007 χ^2 /NDF: 13603.8/4

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102844.5/8

16.258 $\pm$ 0.003 χ^2 /NDF: 306521.6/30

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 94.533+/-85.490 χ^2/NDF : 3.9/6

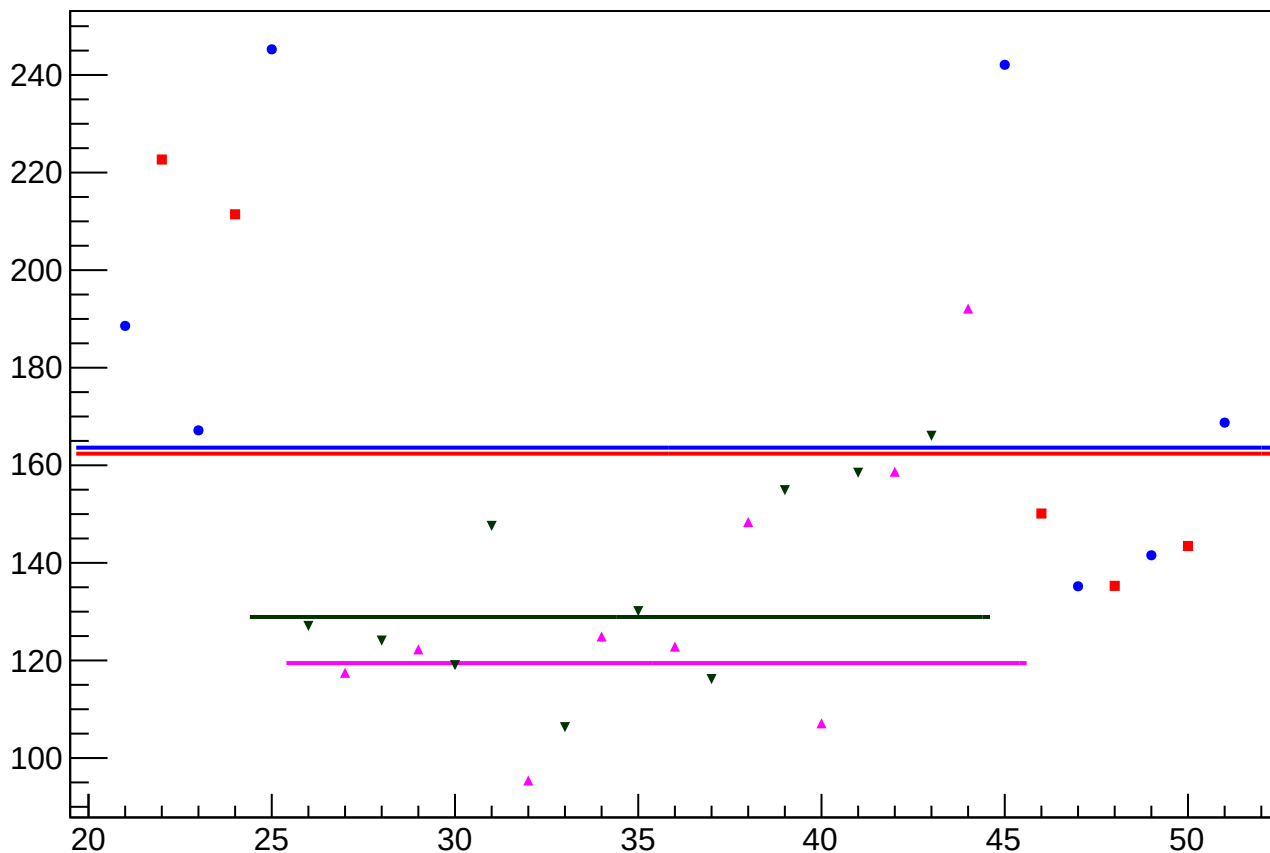
Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

35.291+/-33.125 χ^2/NDF : 17.5/30

Right Out: -62.627+/-102.659 χ^2/NDF : 4.0/4

Left In: 10.837+/-51.660 χ^2/NDF : 0.9/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.614 $\pm$ 0.060 χ^2 /NDF: 289433.1/6

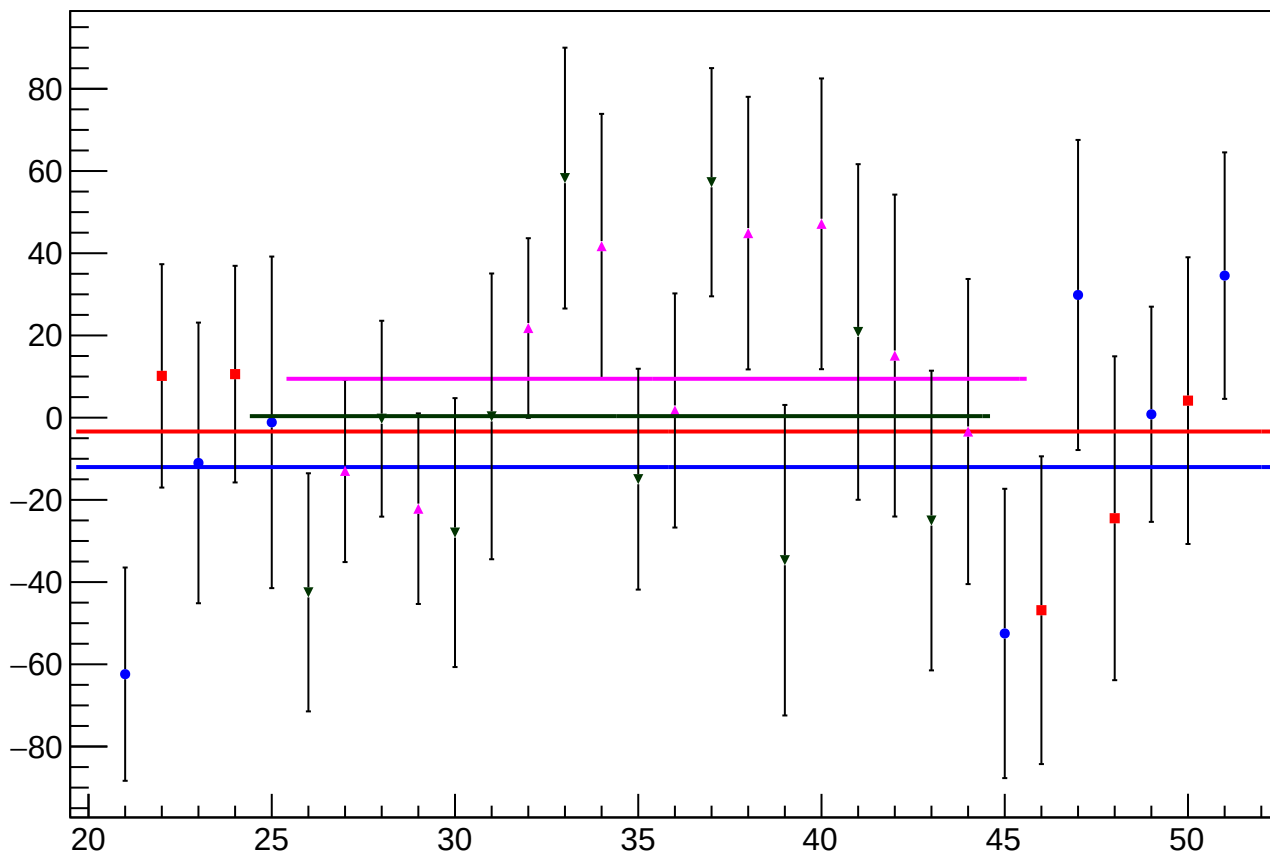
Left Out: 128.912 $\pm$ 0.040 χ^2 /NDF: 193953.6/9

Right Out: 162.382 $\pm$ 0.073 χ^2 /NDF: 208950.1/4

Left In: 119.459 $\pm$ 0.037 χ^2 /NDF: 376971.9/8

133.720 $\pm$ 0.023 χ^2 /NDF: 1636282.8/30

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.020 ± 11.917 χ^2/NDF : 9.1/6

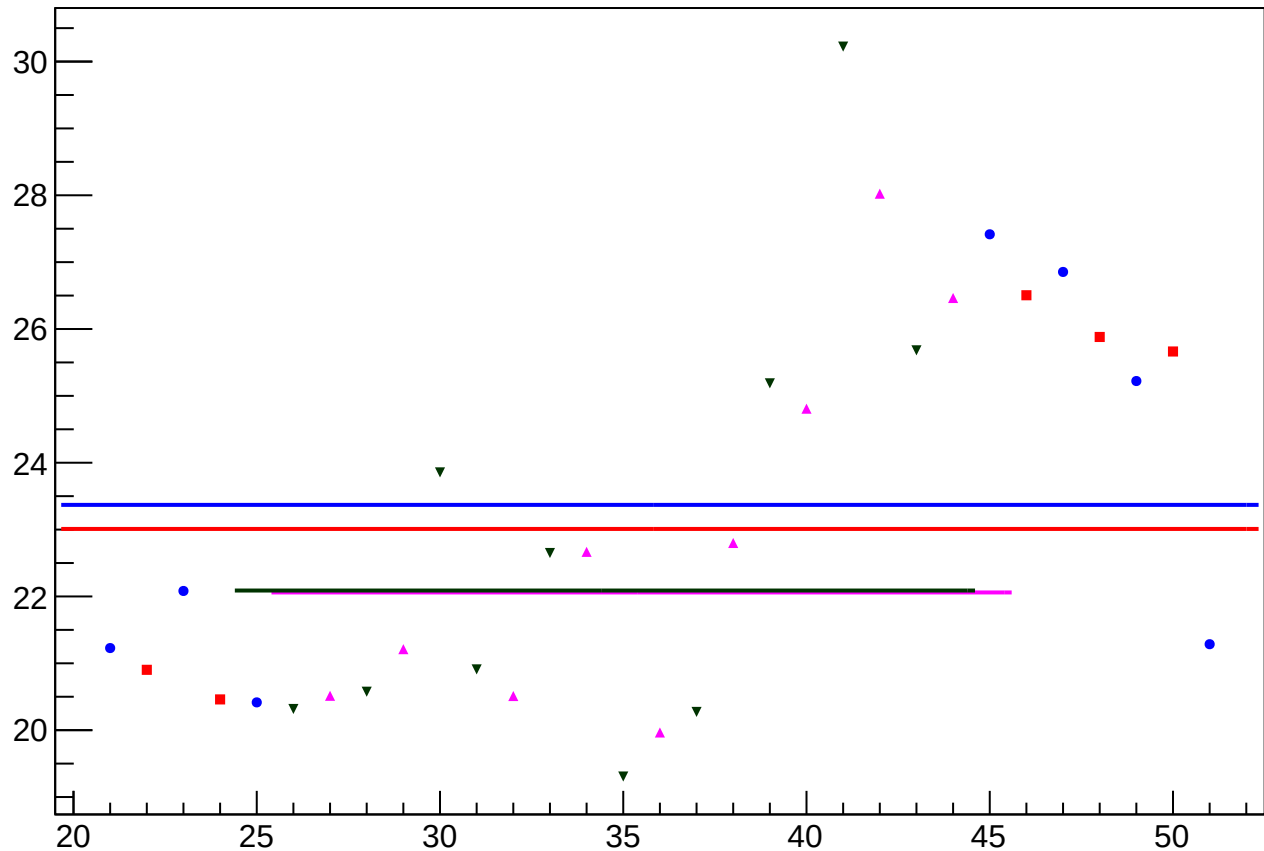
Left Out: 0.371 ± 9.784 χ^2/NDF : 12.4/9

Right Out: -3.369 ± 14.178 χ^2/NDF : 2.2/4

Left In: 9.455 ± 9.419 χ^2/NDF : 6.7/8

0.269 ± 5.445 χ^2/NDF : 32.4/30

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.370+/-0.008 χ^2 /NDF: 90389.1/6

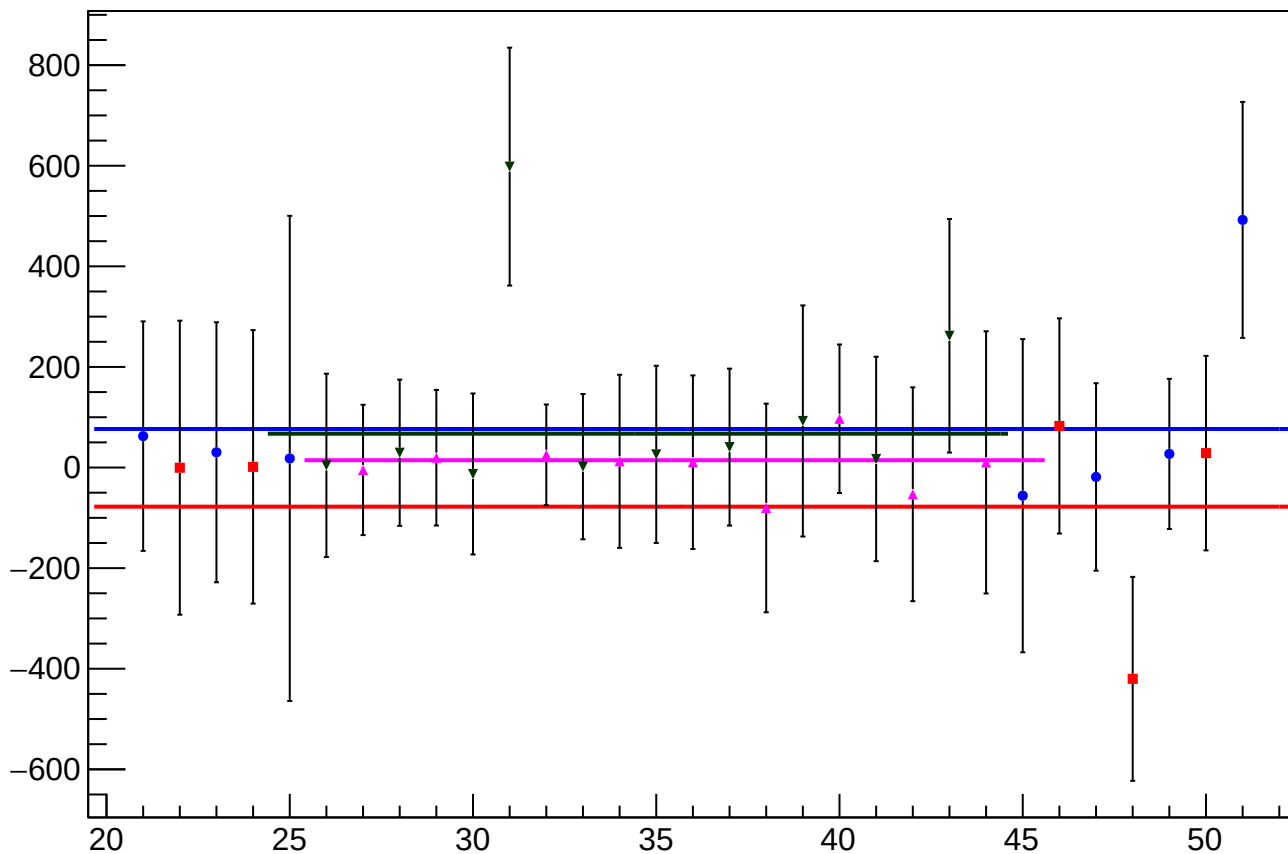
Left Out: 22.089+/-0.007 χ^2 /NDF:166634.7/9

Right Out: 23.010+/-0.010 χ^2 /NDF: 70394.9/4

Left In: 22.060+/-0.007 χ^2 /NDF:121596.3/8

22.482+/-0.004 χ^2 /NDF: 470132.0/30

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 76.643 $\pm$ 84.309 χ^2 /NDF: 3.7/6

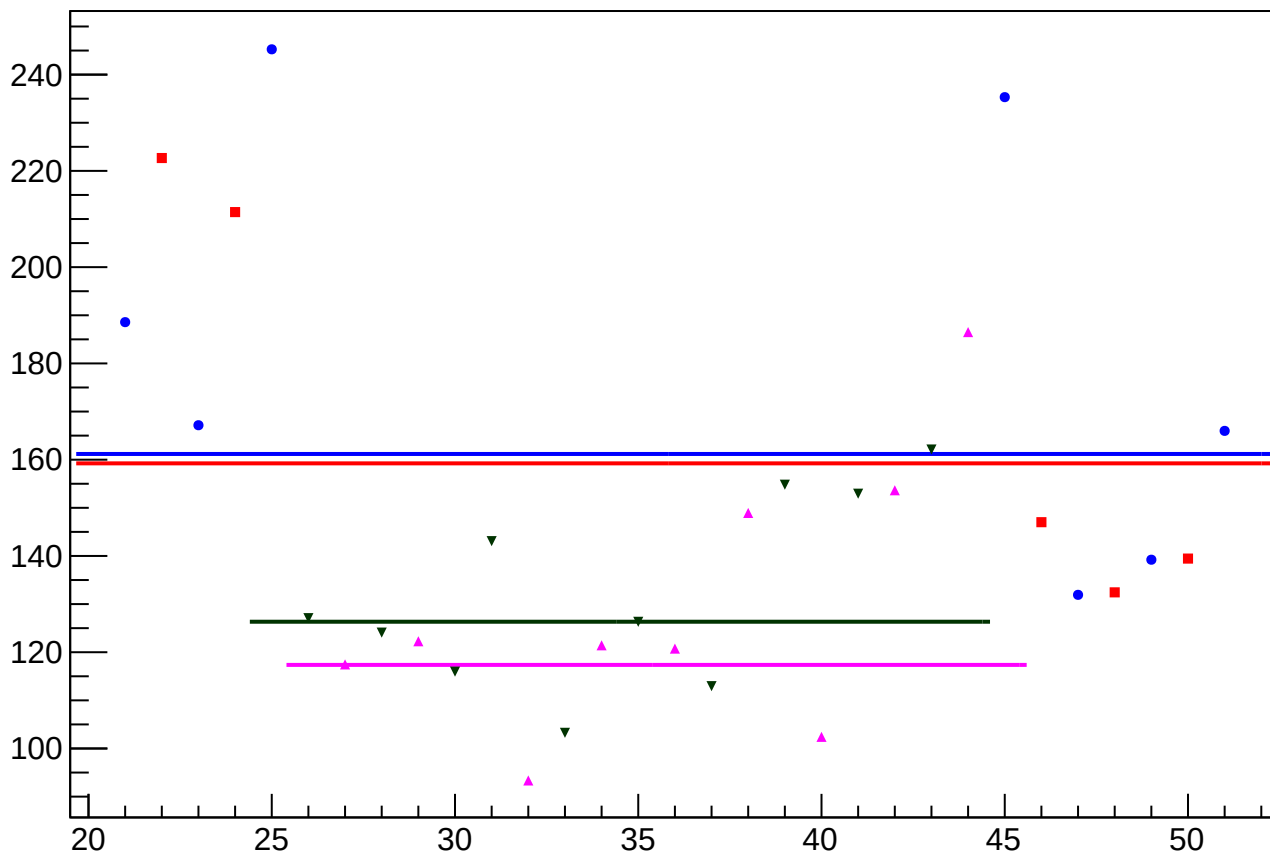
Left Out: 67.277 $\pm$ 56.136 χ^2 /NDF:6.5/9

31.929 $\pm$ 32.548 χ^2 /NDF: 16.8/30

Right Out: -77.774 $\pm$ 100.921 χ^2 /NDF: 3.9/4

Left In: 14.555 $\pm$ 50.783 χ^2 /NDF:0.7/8

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 161.188 $\pm$ 0.060 χ^2 /NDF: 297585.5/6

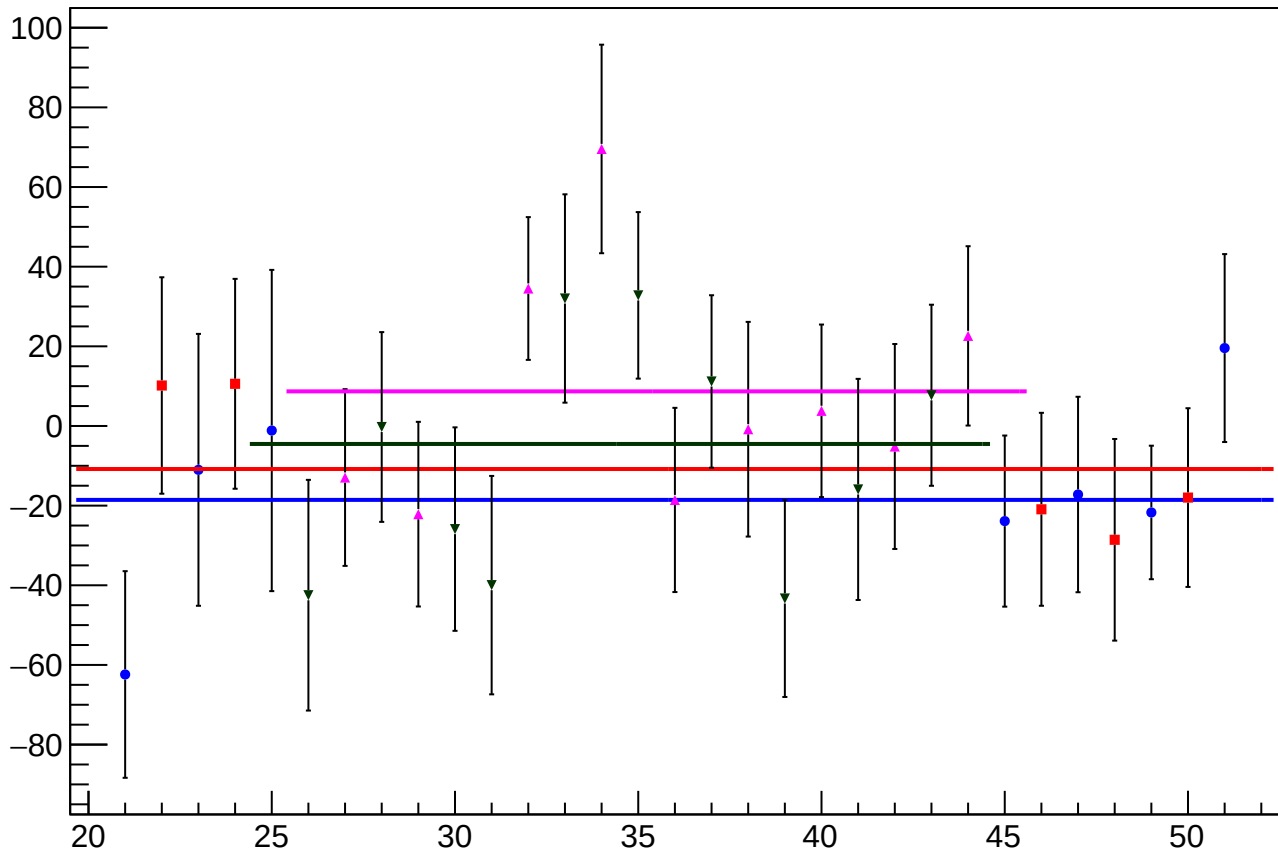
Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

Right Out: 159.238 $\pm$ 0.071 χ^2 /NDF: 230365.1/4

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

131.268 $\pm$ 0.023 χ^2 /NDF: 1681383.9/30

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -18.557 ± 9.076 $\chi^2/\text{NDF}: 5.8/6$

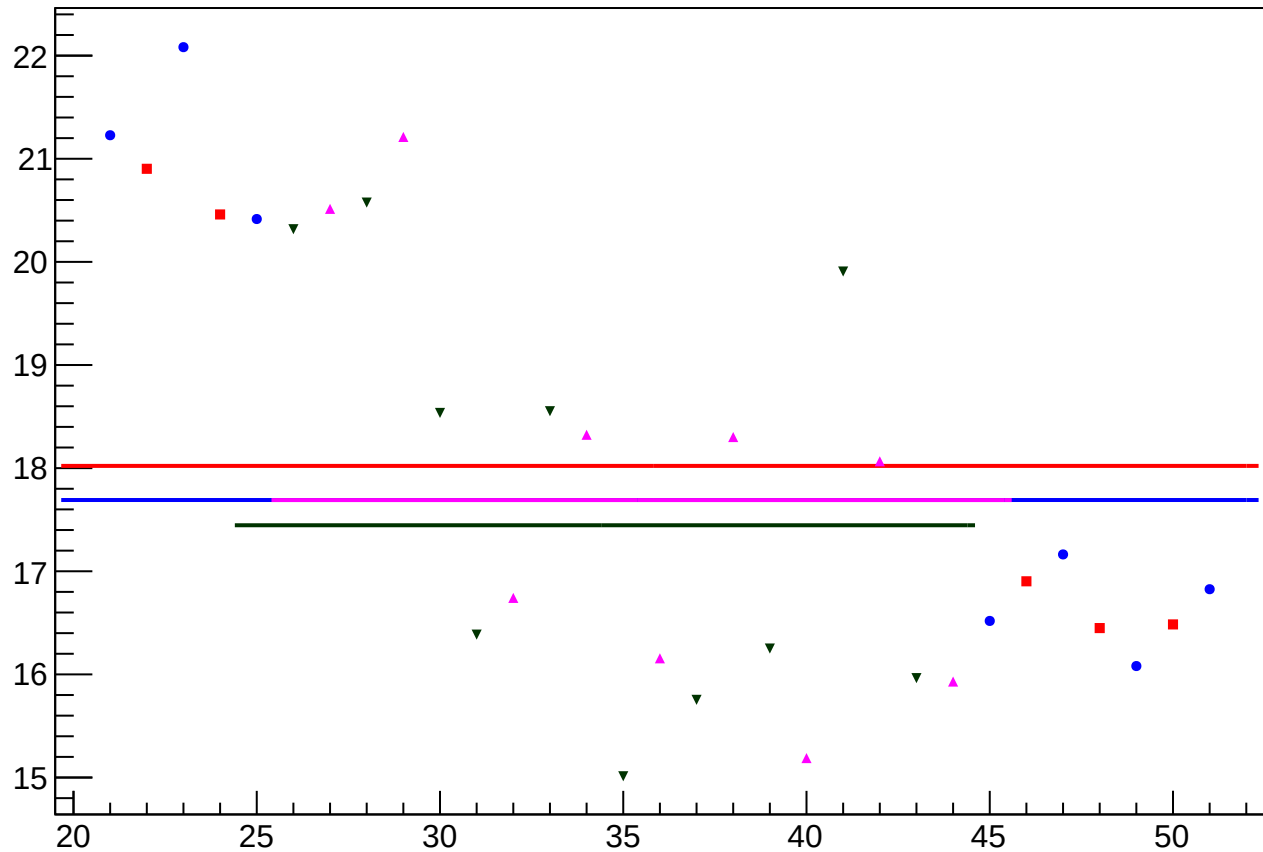
Left Out: -4.516 ± 7.770 $\chi^2/\text{NDF}: 12.7/9$

Right Out: -10.805 ± 11.149 $\chi^2/\text{NDF}: 2.0/4$

Left In: 8.691 ± 7.598 $\chi^2/\text{NDF}: 12.4/8$

-4.373 ± 4.300 $\chi^2/\text{NDF}: 38.7/30$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.691+/-0.006 χ^2/NDF : 107416.4/6

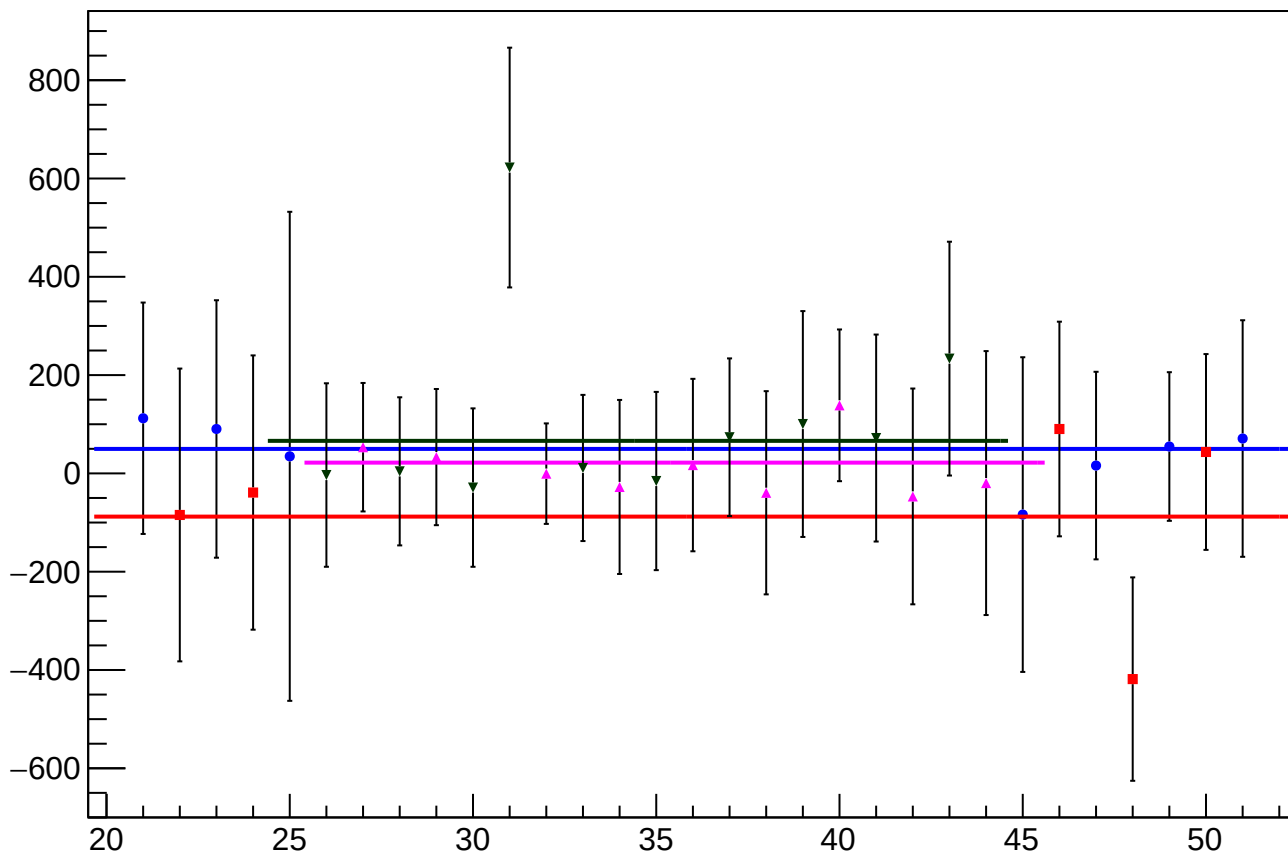
Left Out: 17.446+/-0.005 χ^2/NDF :132564.7/9

Right Out: 18.022+/-0.008 χ^2/NDF : 60979.4/4

Left In: 17.690+/-0.005 χ^2/NDF :134443.4/8

17.665+/-0.003 χ^2/NDF : 439077.5/30

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 49.810+/-86.102 χ^2/NDF : 0.3/6

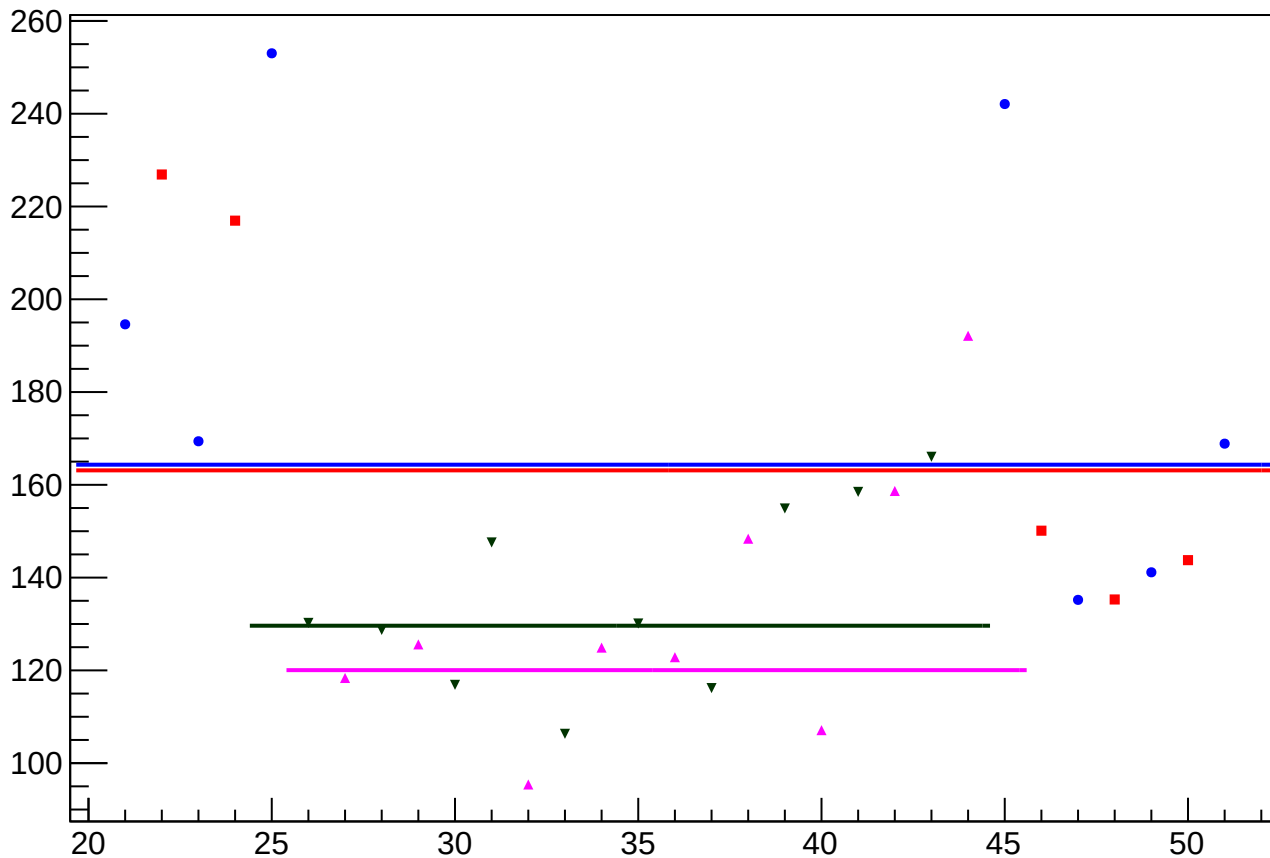
Left Out: 66.207+/-57.570 χ^2/NDF : 6.7/9

29.499+/-33.316 χ^2/NDF : 13.5/30

Right Out: -87.923+/-103.340 χ^2/NDF : 3.7/4

Left In: 21.892+/-51.940 χ^2/NDF : 1.0/8

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 164.341 $\pm$ 0.061 χ^2 /NDF: 309744.1/6

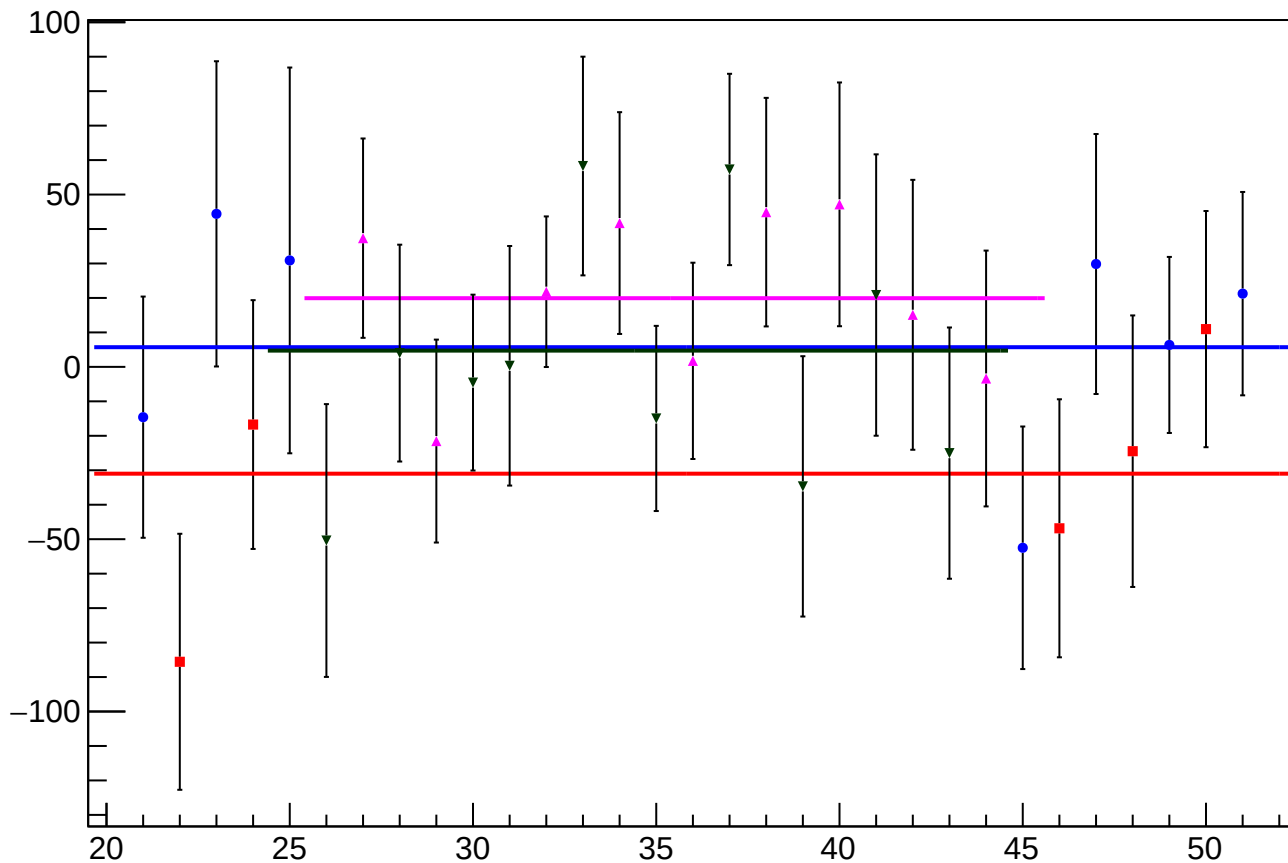
Left Out: 129.628 $\pm$ 0.041 χ^2 /NDF: 195251.2/9

Right Out: 163.117 $\pm$ 0.073 χ^2 /NDF: 228293.2/4

Left In: 120.050 $\pm$ 0.037 χ^2 /NDF: 379438.7/8

134.365 $\pm$ 0.024 χ^2 /NDF: 1675412.5/30

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 5.709 ± 13.088 $\chi^2/\text{NDF}: 4.7/6$

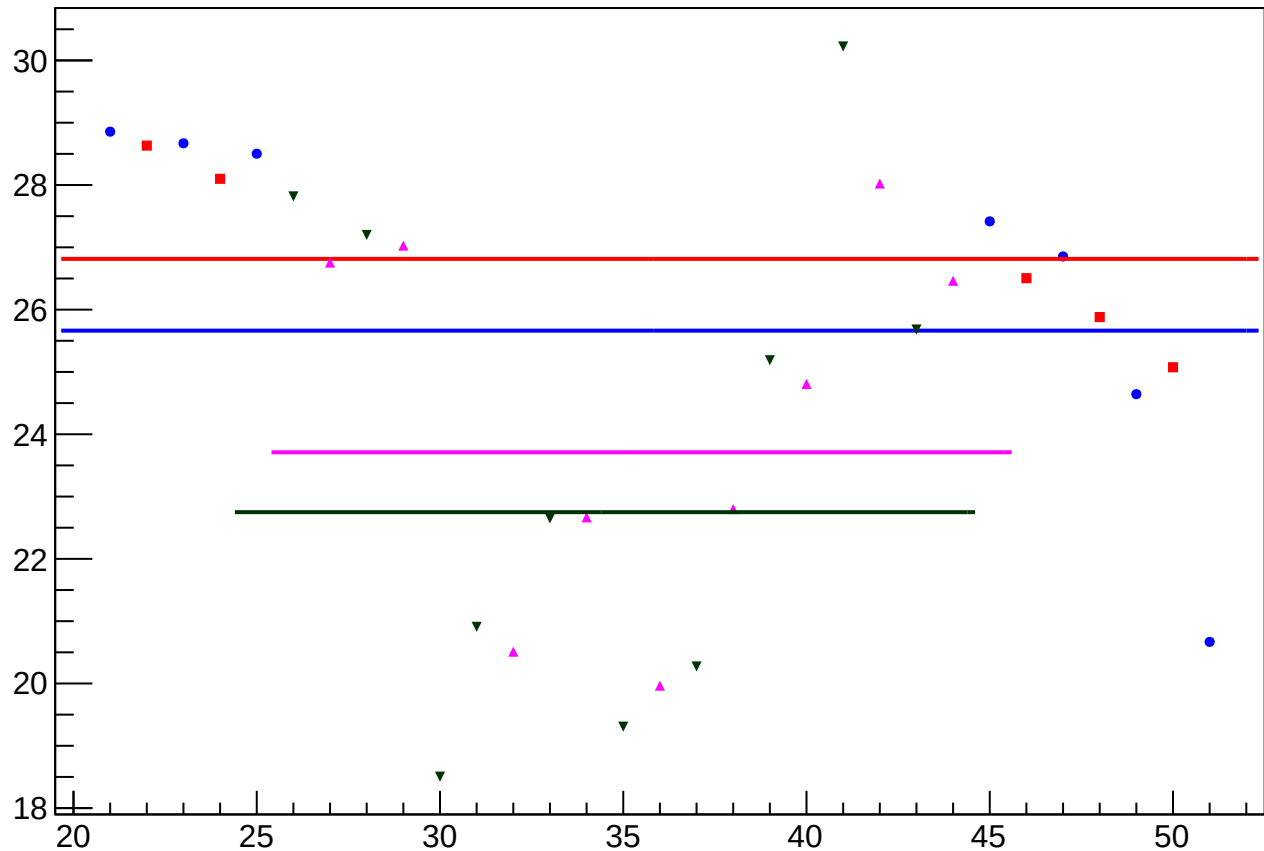
Left Out: 4.718 ± 10.131 $\chi^2/\text{NDF}: 11.0/9$

Right Out: -30.993 ± 16.436 $\chi^2/\text{NDF}: 4.0/4$

Left In: 19.927 ± 10.138 $\chi^2/\text{NDF}: 4.8/8$

5.462 ± 5.871 $\chi^2/\text{NDF}: 31.5/30$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.663+/-0.009 χ^2/NDF : 98485.5/6

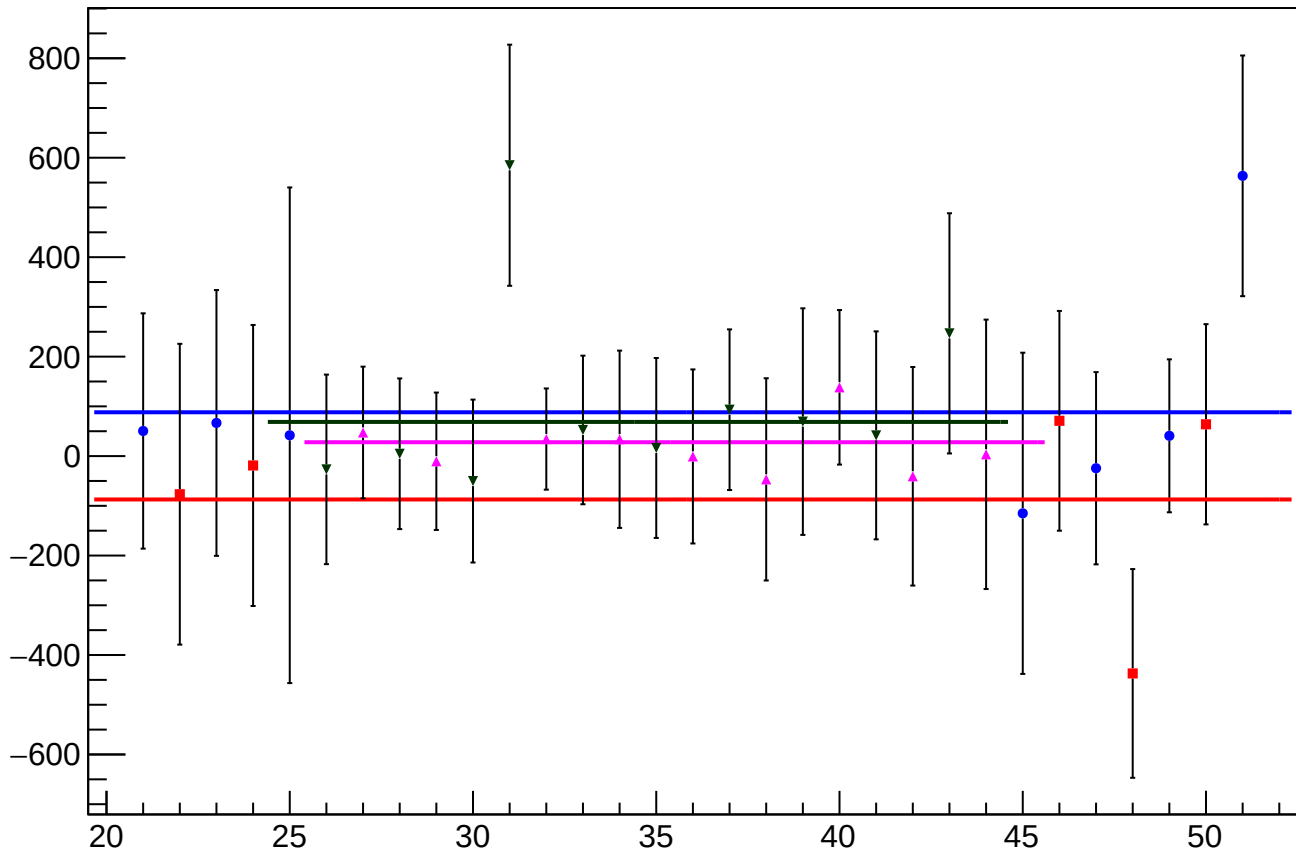
Left Out: 22.750+/-0.007 χ^2/NDF : 270884.7/9

Right Out: 26.815+/-0.012 χ^2/NDF : 13745.9/4

Left In: 23.711+/-0.007 χ^2/NDF : 165862.4/8

24.177+/-0.004 χ^2/NDF : 670207.7/30

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 88.112 $\pm$ 87.170 χ^2 /NDF: 4.7/6

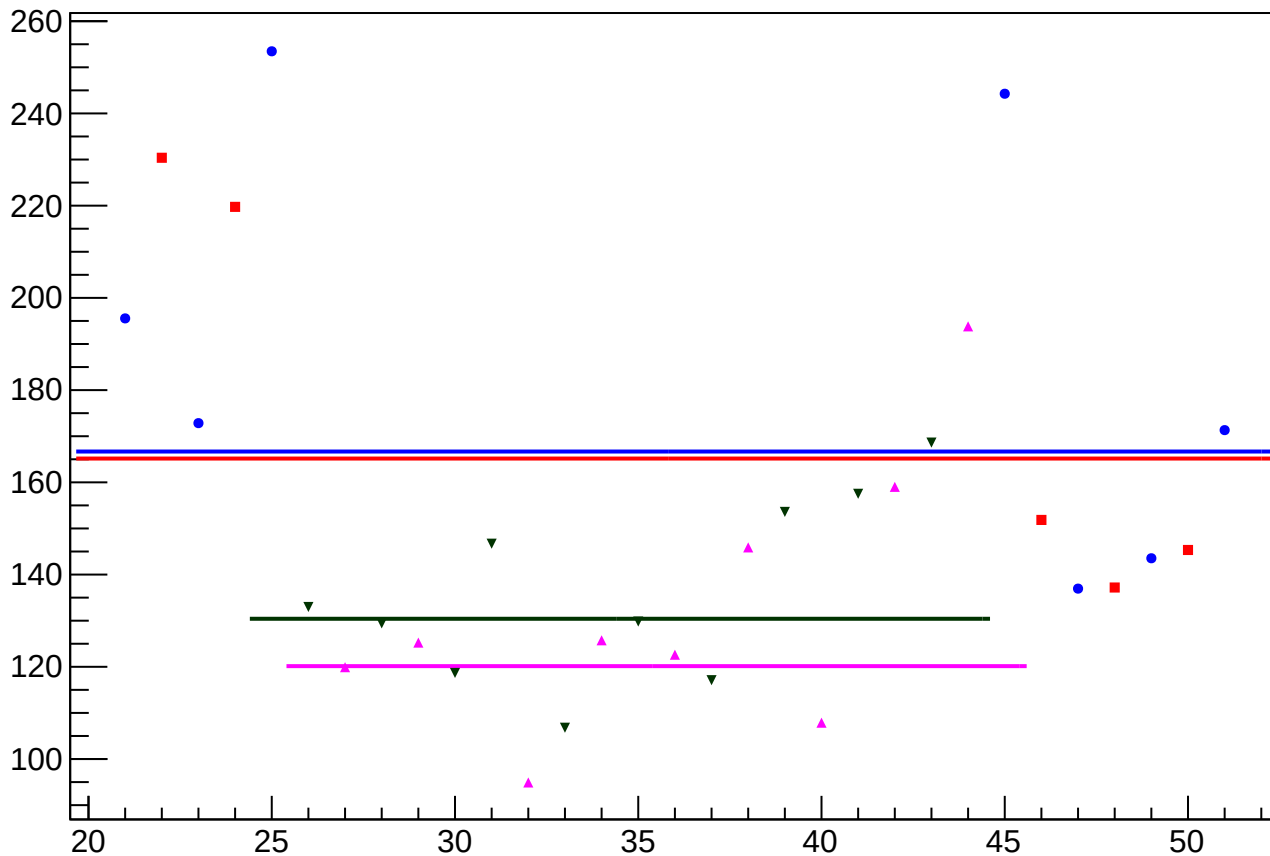
Left Out: 68.706 $\pm$ 57.895 χ^2 /NDF: 6.2/9

38.643 $\pm$ 33.495 χ^2 /NDF: 17.8/30

Right Out: -87.248 $\pm$ 104.648 χ^2 /NDF: 3.9/4

Left In: 27.878 $\pm$ 51.982 χ^2 /NDF: 0.9/8

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 166.684 $\pm$ 0.062 χ^2 /NDF: 300268.5/6

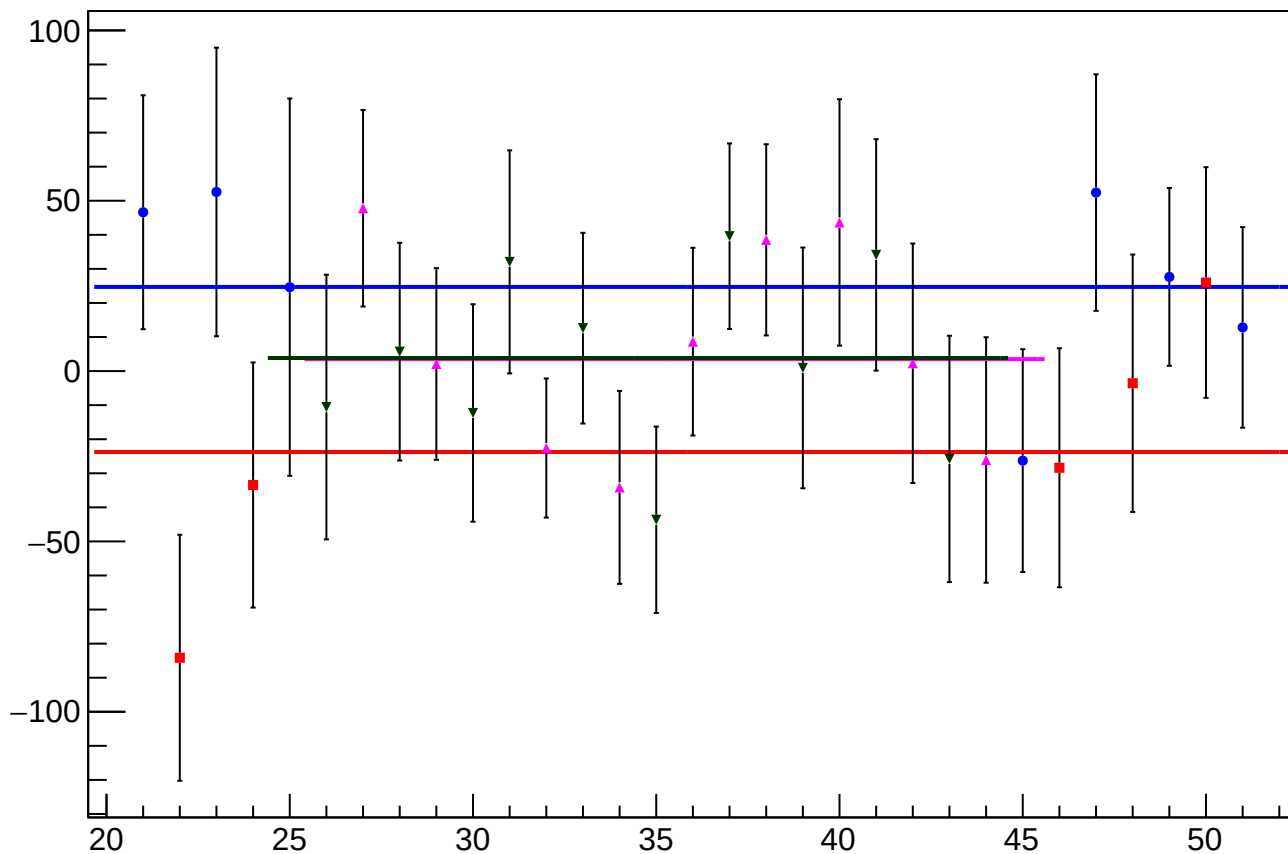
Left Out: 130.416 $\pm$ 0.041 χ^2 /NDF: 187736.2/9

Right Out: 165.160 $\pm$ 0.074 χ^2 /NDF: 229819.3/4

Left In: 120.144 $\pm$ 0.037 χ^2 /NDF: 383139.4/8

135.065 $\pm$ 0.024 χ^2 /NDF: 1707187.8/30

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 24.705+/-12.783 χ^2/NDF : 4.1/6

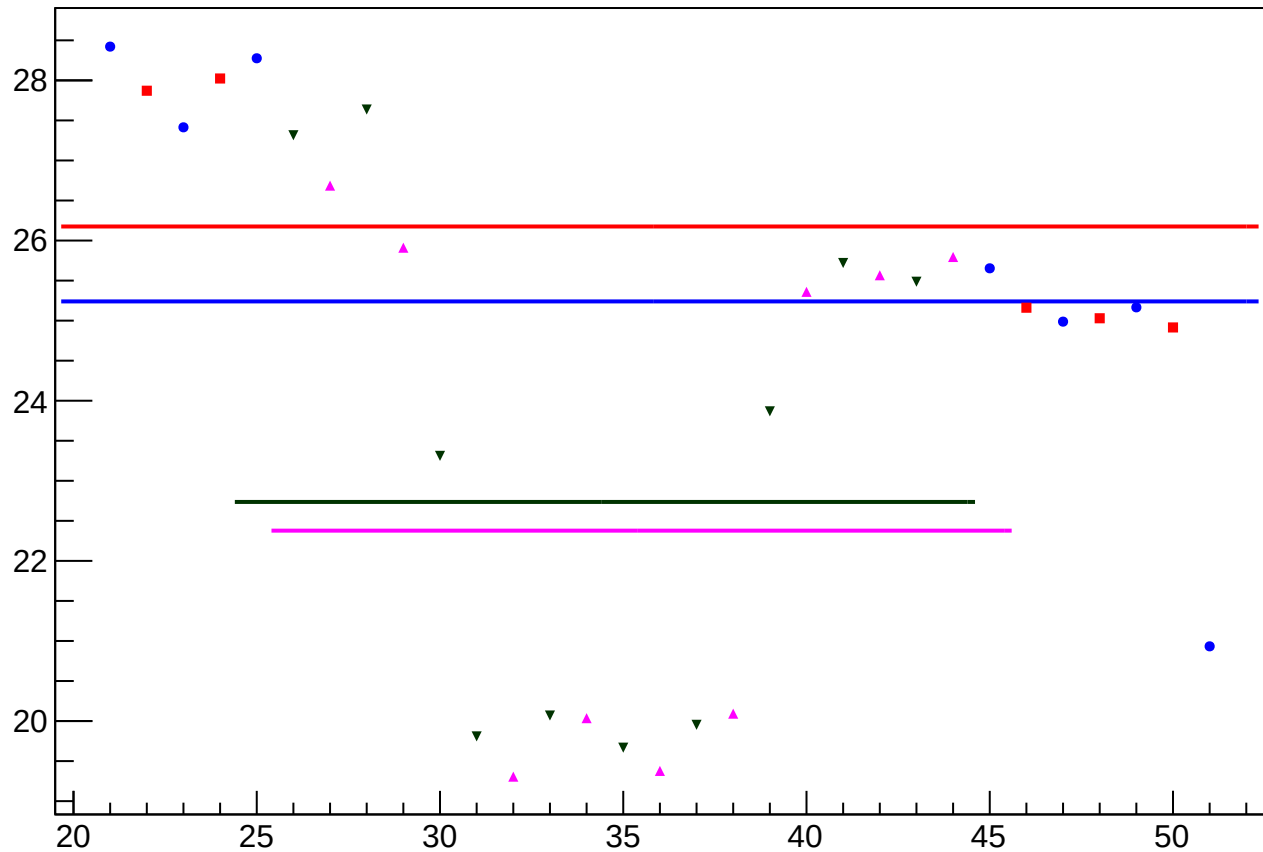
Left Out: 3.838+/-10.024 χ^2/NDF : 7.4/9

Right Out: -23.750+/-15.962 χ^2/NDF : 5.3/4

Left In: 3.515+/-9.515 χ^2/NDF : 9.3/8

4.349+/-5.676 χ^2/NDF : 31.8/30

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.240+/-0.009 χ^2/NDF : 71699.0/6

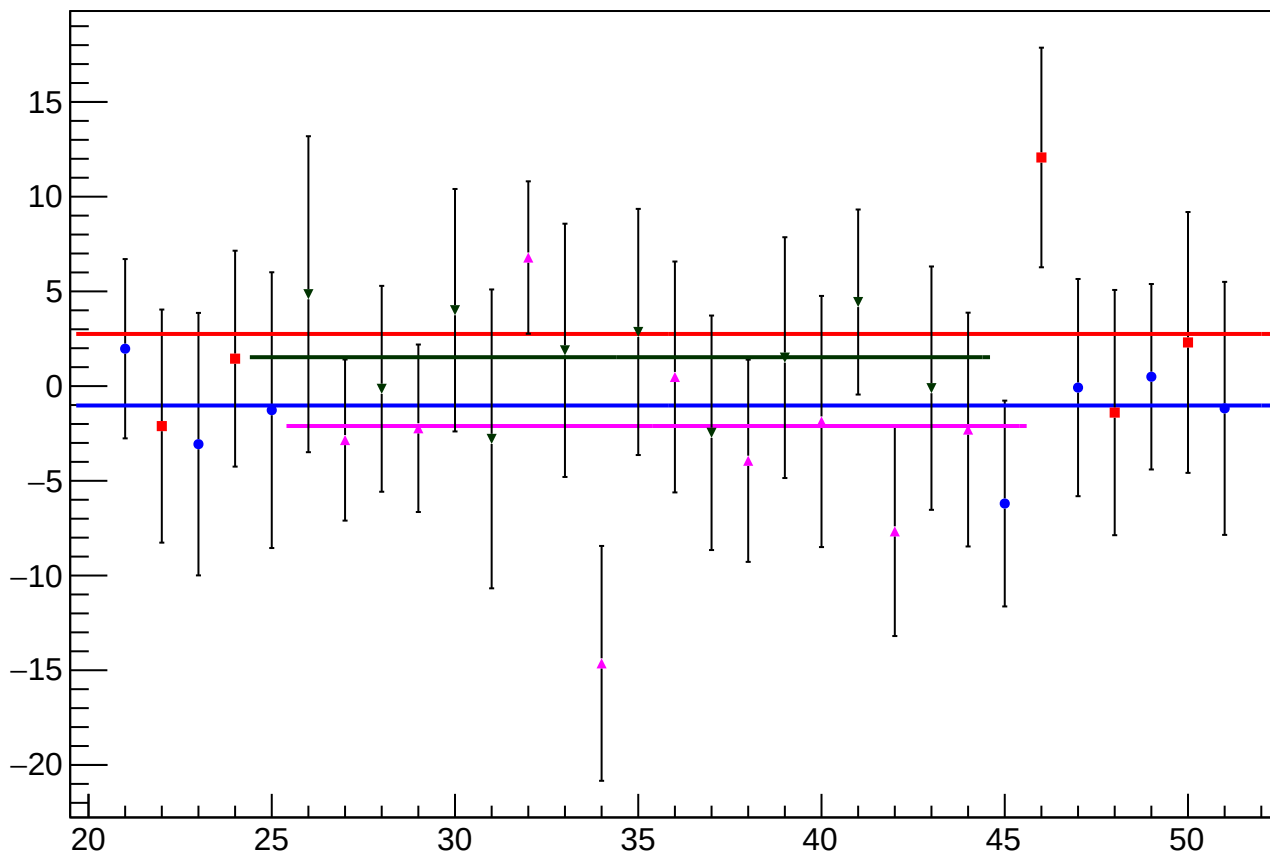
Left Out: 22.736+/-0.007 χ^2/NDF : 184730.7/9

Right Out: 26.176+/-0.011 χ^2/NDF : 15967.8/4

Left In: 22.378+/-0.007 χ^2/NDF : 220179.4/8

23.537+/-0.004 χ^2/NDF : 625177.0/30

diff_bpm12X_mean vs slug



Right In: -1.024 ± 2.168 $\chi^2/\text{NDF}: 1.5/6$

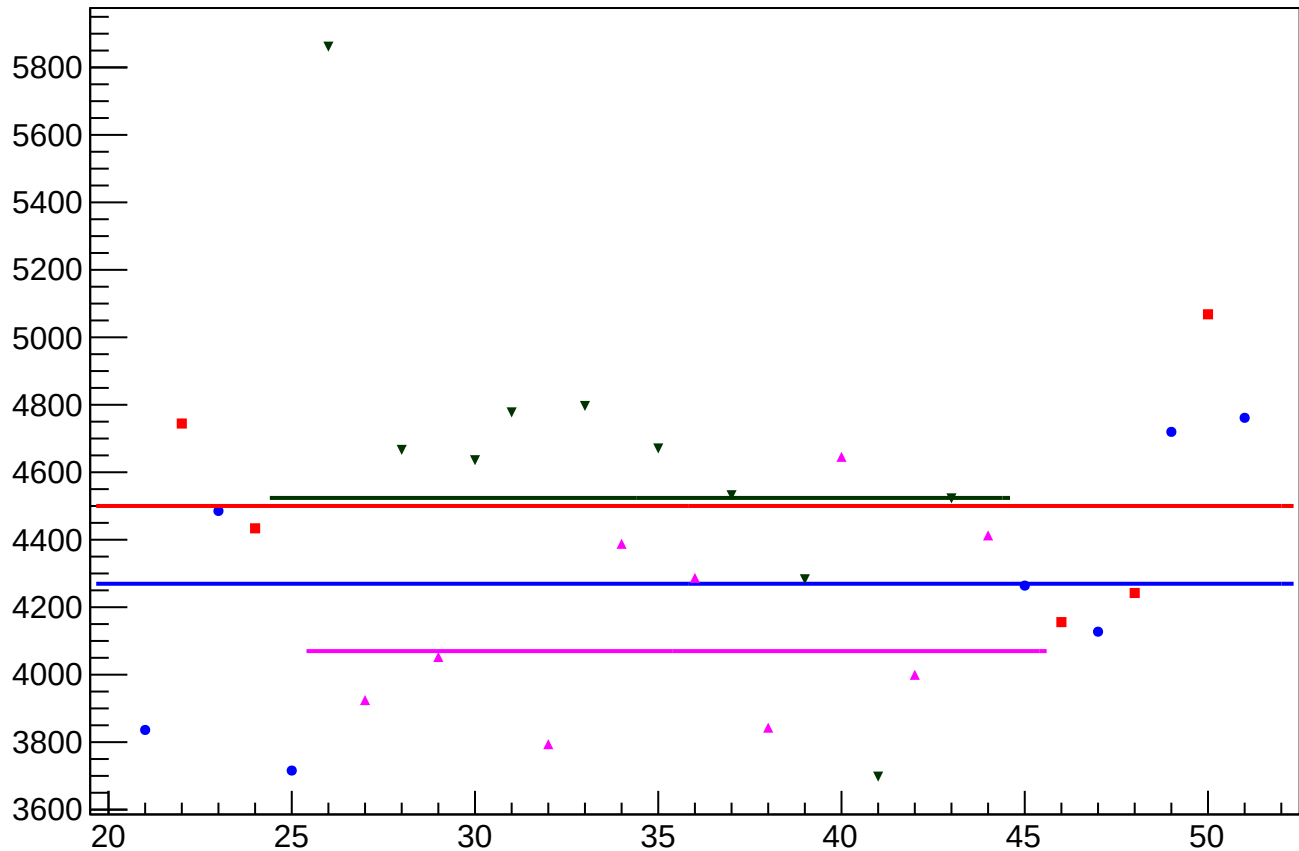
Left Out: 1.526 ± 1.993 $\chi^2/\text{NDF}: 1.6/9$

Right Out: 2.753 ± 2.753 $\chi^2/\text{NDF}: 3.7/4$

Left In: -2.107 ± 1.720 $\chi^2/\text{NDF}: 10.3/8$

-0.196 ± 1.034 $\chi^2/\text{NDF}: 20.4/30$

diff_bpm12X_rms vs slug



Right In: 4269.550+/-1.533 χ^2/NDF : 59278.2/6

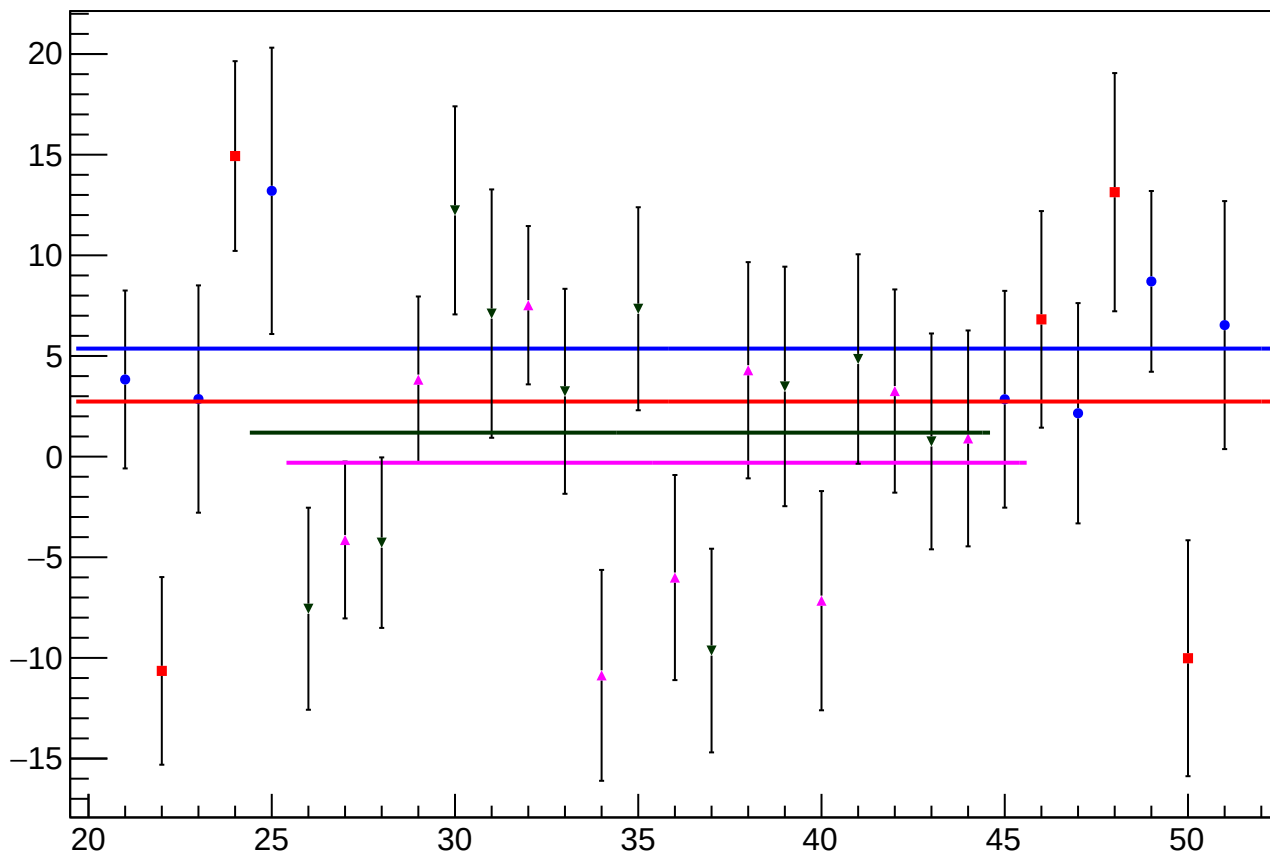
Left Out: 4523.929+/-1.409 χ^2/NDF : 119939.0/9

Right Out: 4500.092+/-1.947 χ^2/NDF : 27273.0/4

Left In: 4069.946+/-1.216 χ^2/NDF : 44775.6/8

4298.436+/-0.731 χ^2/NDF : 323252.3/30

diff_bpm12Y_mean vs slug



Right In: 5.367 ± 2.016 χ^2/NDF : 2.7/6

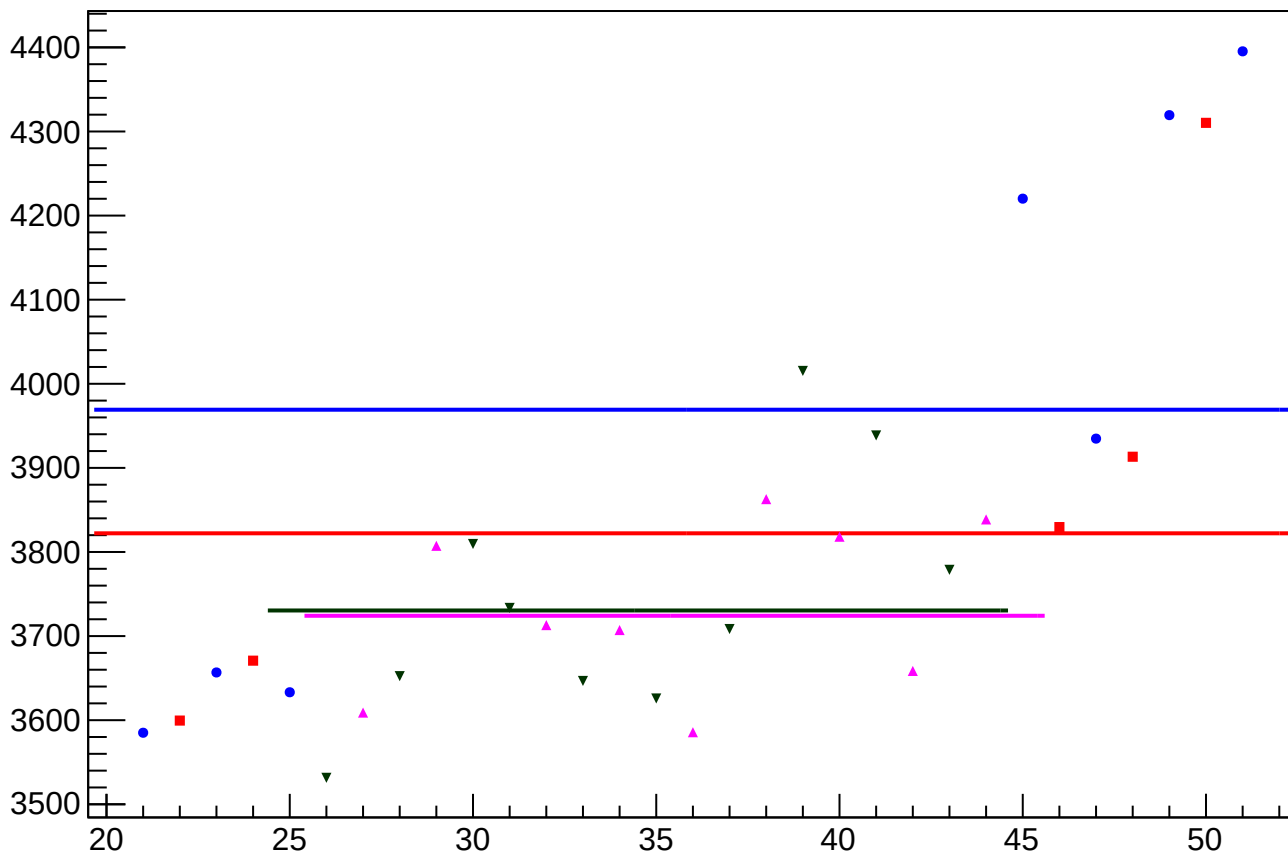
Left Out: 1.191 ± 1.631 χ^2/NDF : 17.1/9

Right Out: 2.736 ± 2.336 χ^2/NDF : 23.3/4

Left In: -0.304 ± 1.568 χ^2/NDF : 14.1/8

1.771 ± 0.908 χ^2/NDF : 62.4/30

diff_bpm12Y_rms vs slug



Right In: 3969.168+/-1.425 χ^2/NDF : 51857.1/6

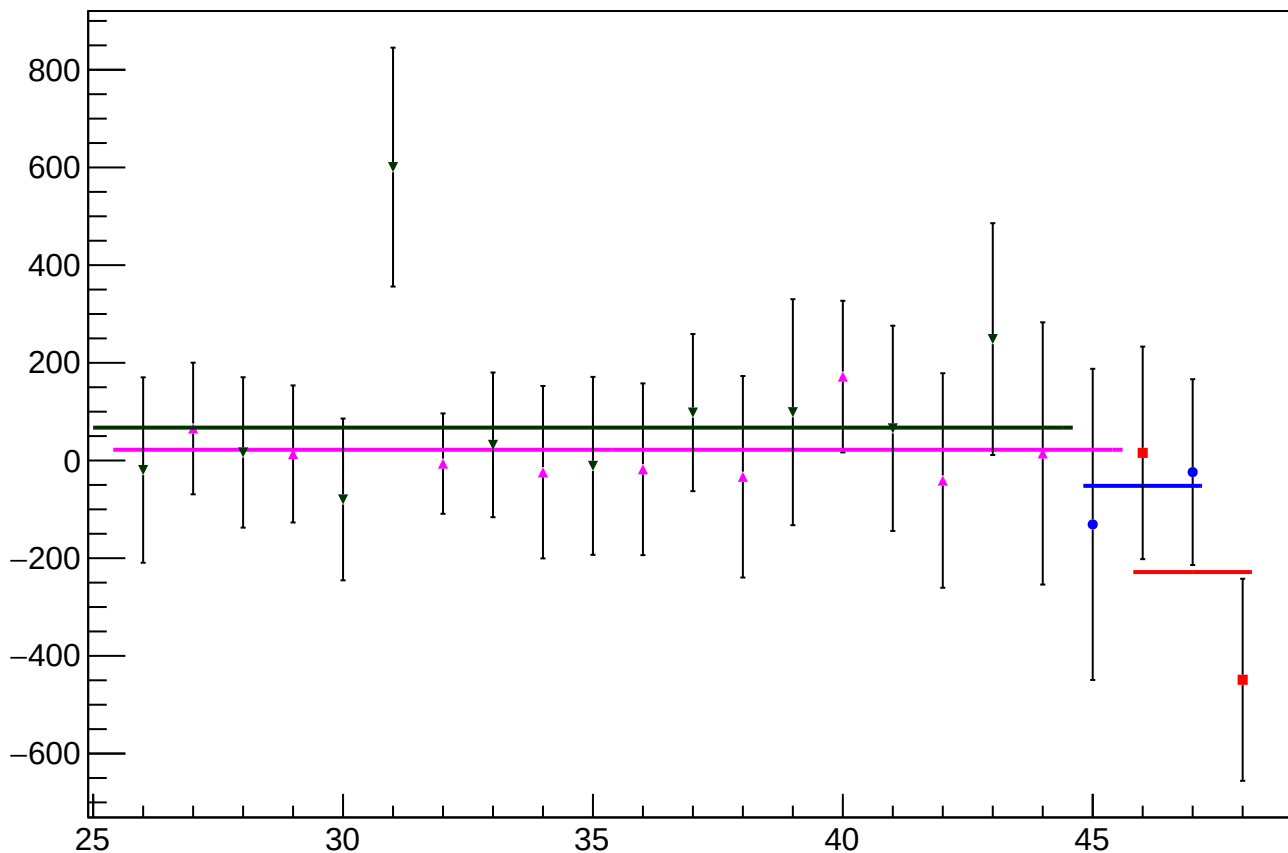
Left Out: 3730.451+/-1.153 χ^2/NDF :13680.1/9

Right Out: 3822.206+/-1.652 χ^2/NDF : 20972.1/4

Left In: 3724.161+/-1.109 χ^2/NDF :7251.9/8

3790.700+/-0.642 χ^2/NDF : 116135.6/30

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 ± 163.313 χ^2/NDF : 0.1/1

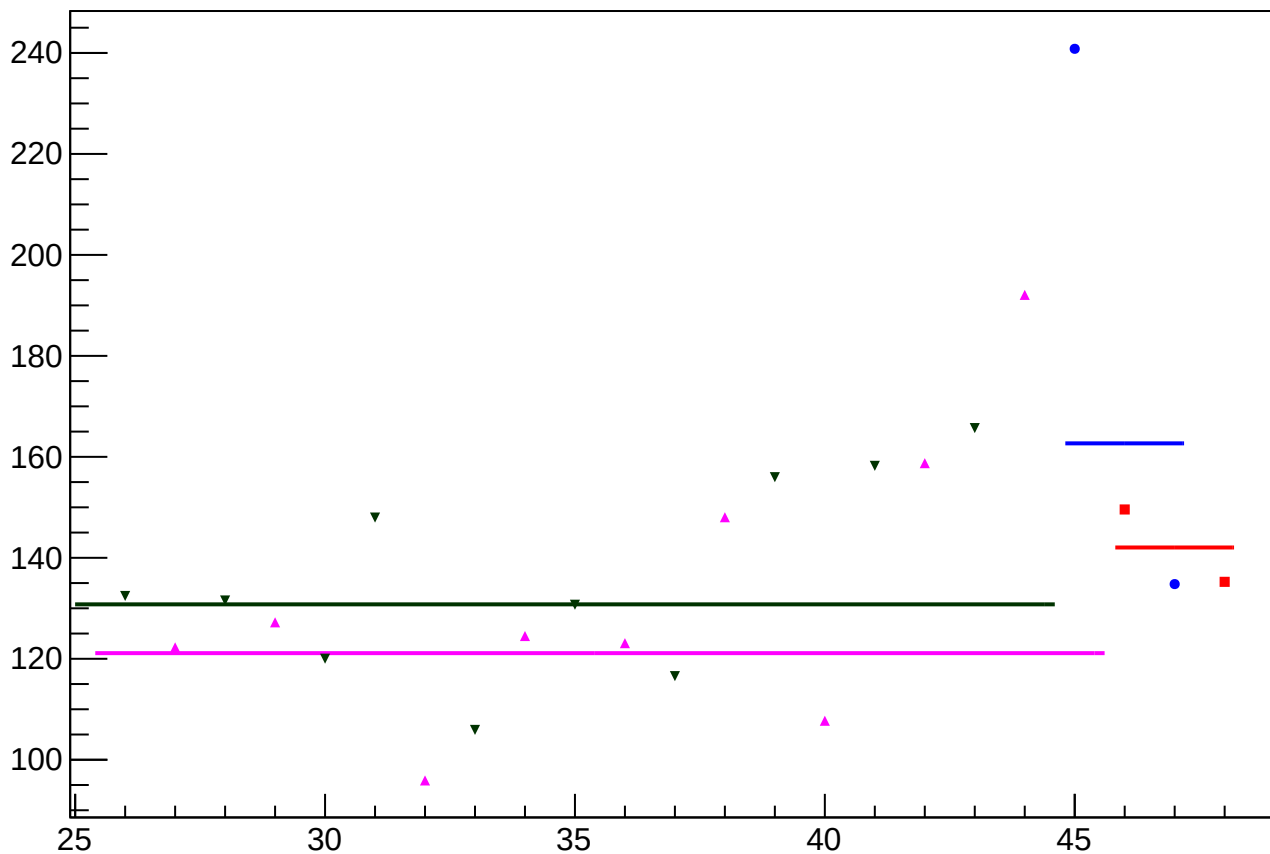
Left Out: 67.330 ± 58.072 χ^2/NDF : 6.7/9

Right Out: -228.420 ± 149.918 χ^2/NDF : 2.4/1

Left In: 22.052 ± 52.367 χ^2/NDF : 1.4/8

21.392 ± 36.682 χ^2/NDF : 14.2/22

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 162.670 $\pm$ 0.115 χ^2 /NDF: 163356.1/1

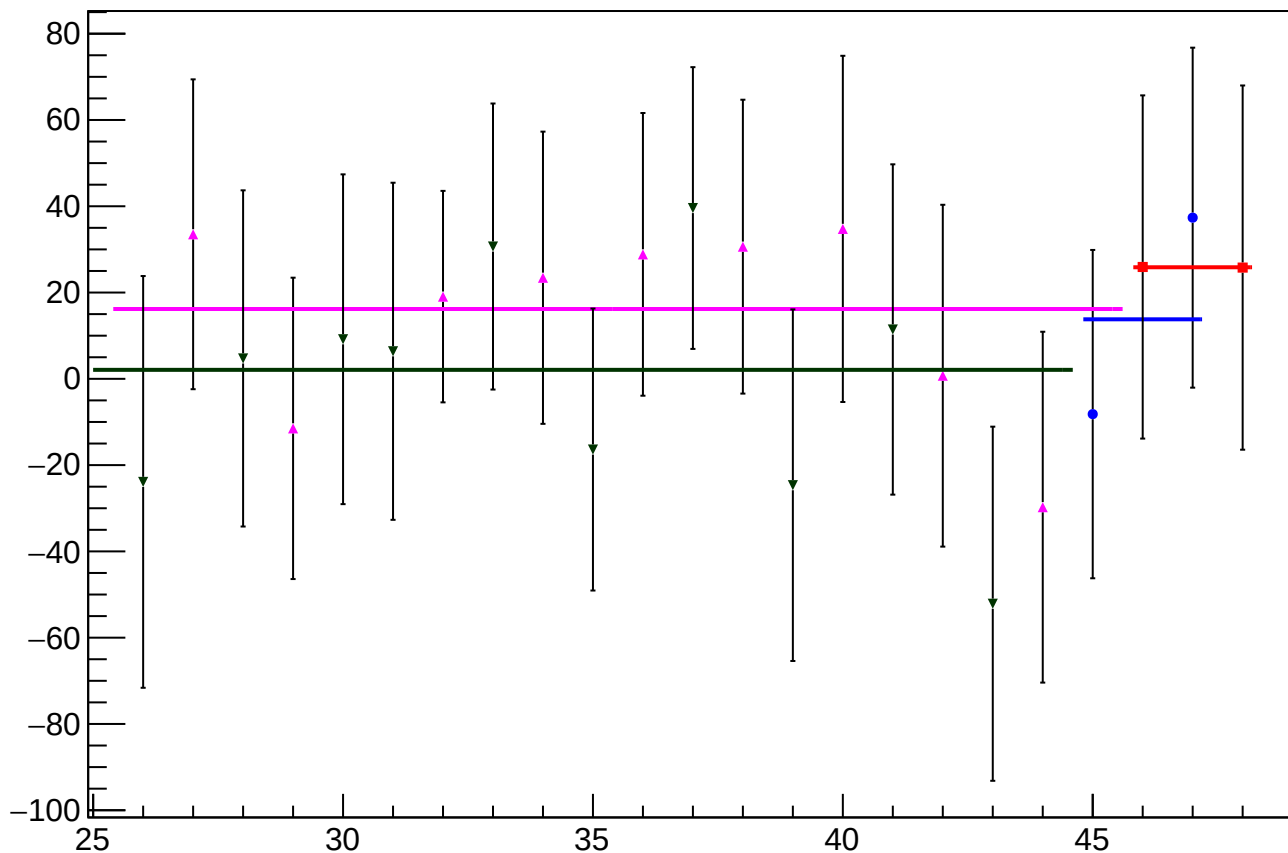
Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

Right Out: 142.046 $\pm$ 0.106 χ^2 /NDF: 4558.7/1

Left In: 121.118 $\pm$ 0.037 χ^2 /NDF: 372780.0/8

128.324 $\pm$ 0.026 χ^2 /NDF: 878974.5/22

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 13.794+/-27.373 χ^2/NDF : 0.7/1

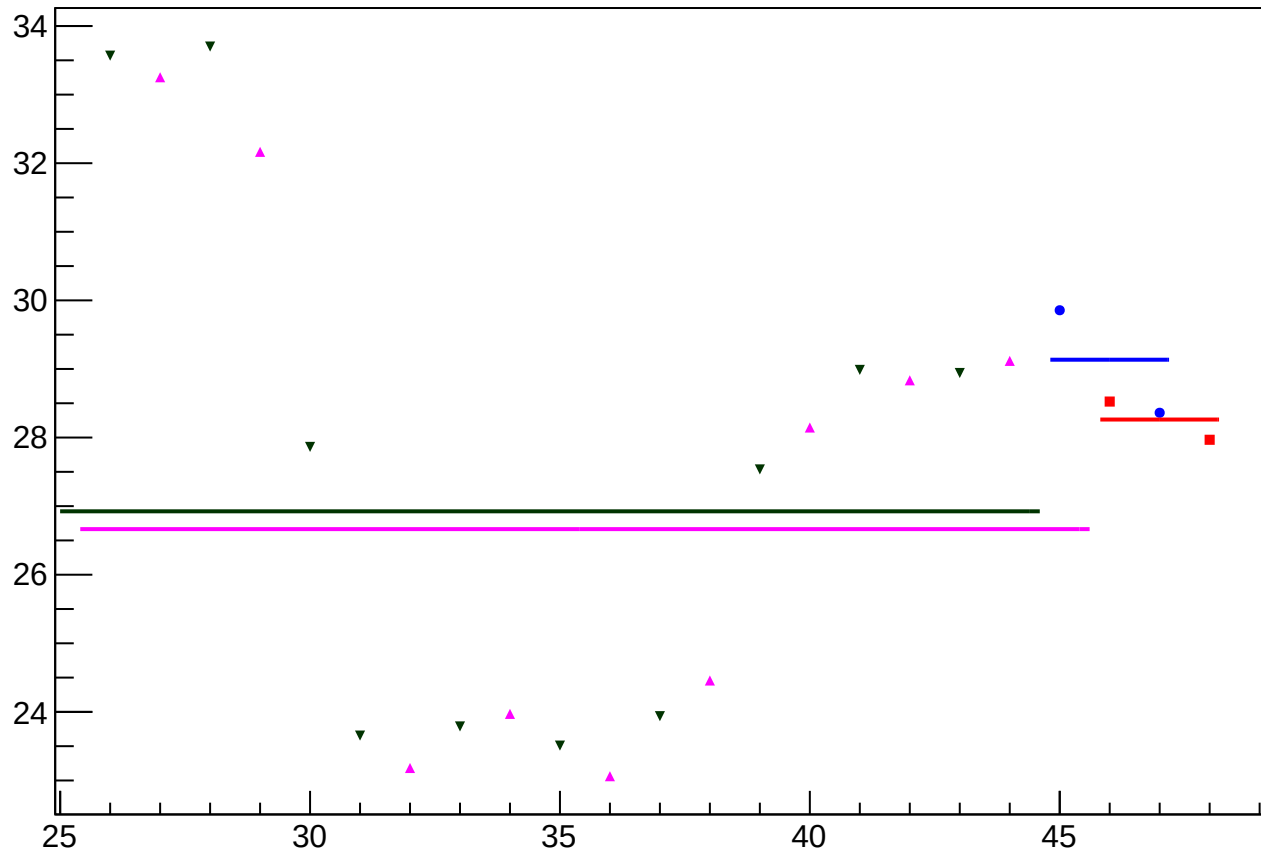
Left Out: 2.082+/-11.868 χ^2/NDF : 5.0/9

Right Out: 25.859+/-28.950 χ^2/NDF : 0.0/1

Left In: 16.185+/-11.331 χ^2/NDF : 2.9/8

10.915+/-7.578 χ^2/NDF : 9.6/22

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.135 $\pm$ 0.019 χ^2/NDF : 1488.9/1

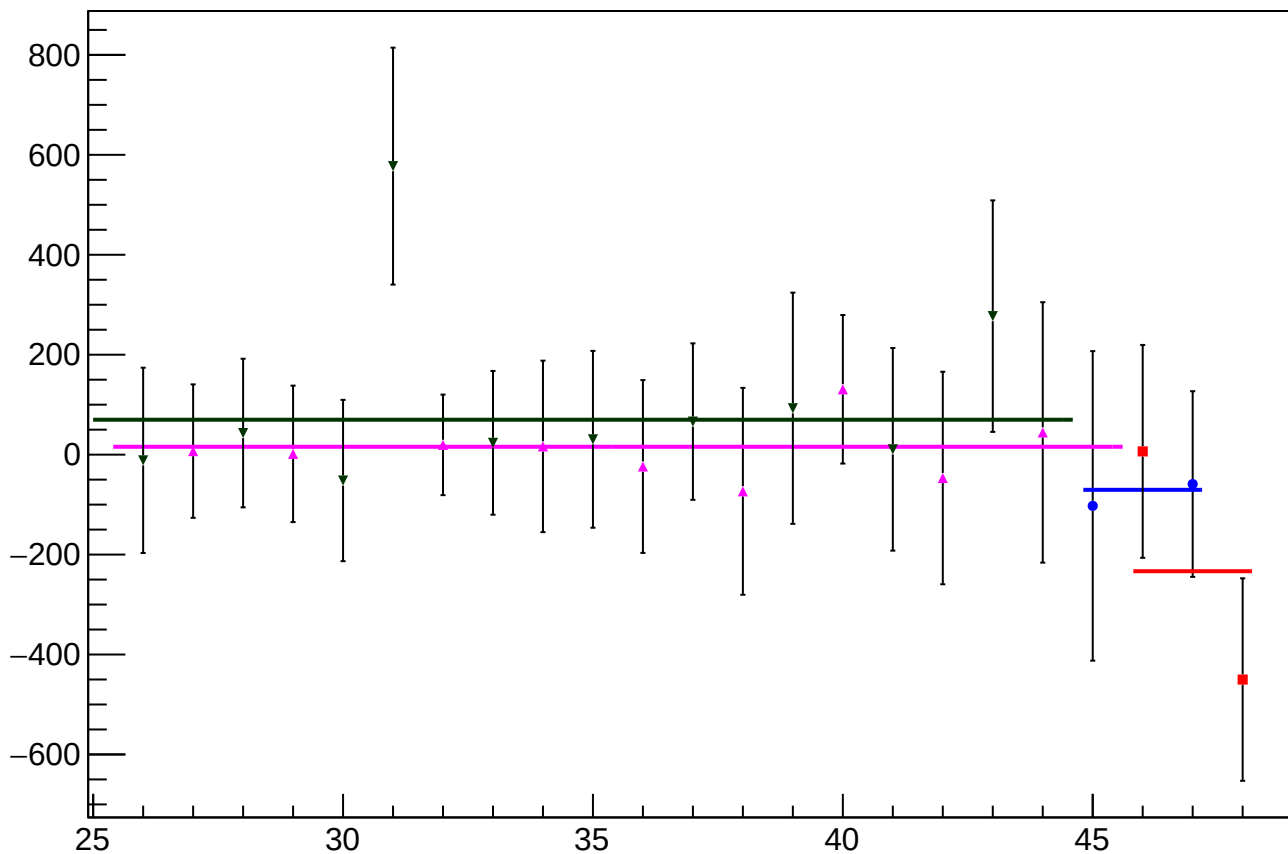
Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

Right Out: 28.263 $\pm$ 0.020 χ^2/NDF : 184.5/1

Left In: 26.665 $\pm$ 0.008 χ^2/NDF : 218549.2/8

27.069 $\pm$ 0.005 χ^2/NDF : 419896.7/22

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -70.409 $\pm$ 159.306 χ^2/NDF : 0.0/1

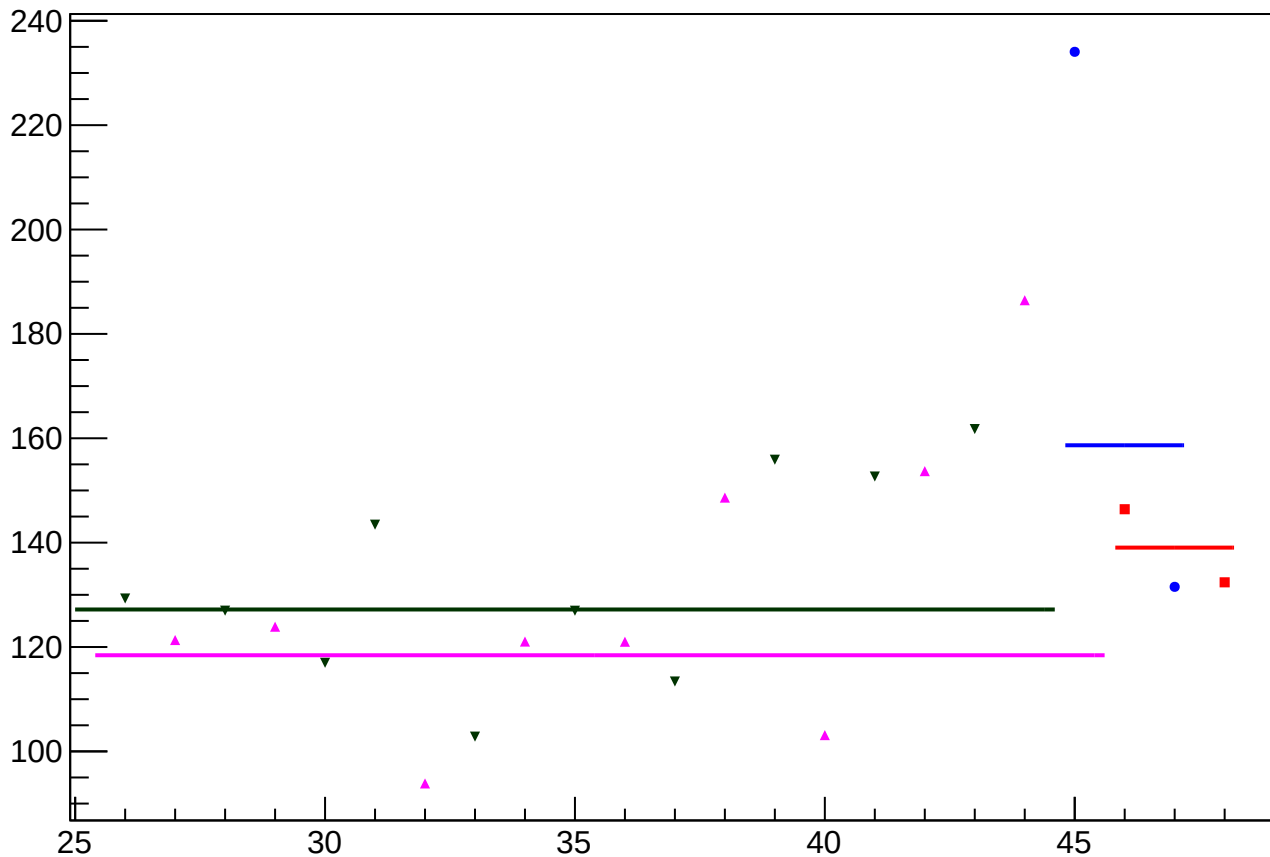
Left Out: 69.878 $\pm$ 56.508 χ^2/NDF : 6.4/9

18.319 $\pm$ 35.799 χ^2/NDF : 13.9/22

Right Out: -233.286 $\pm$ 146.812 χ^2/NDF : 2.4/1

Left In: 15.757 $\pm$ 51.209 χ^2/NDF : 1.0/8

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 158.659+/-0.113 χ^2/NDF : 161176.8/1

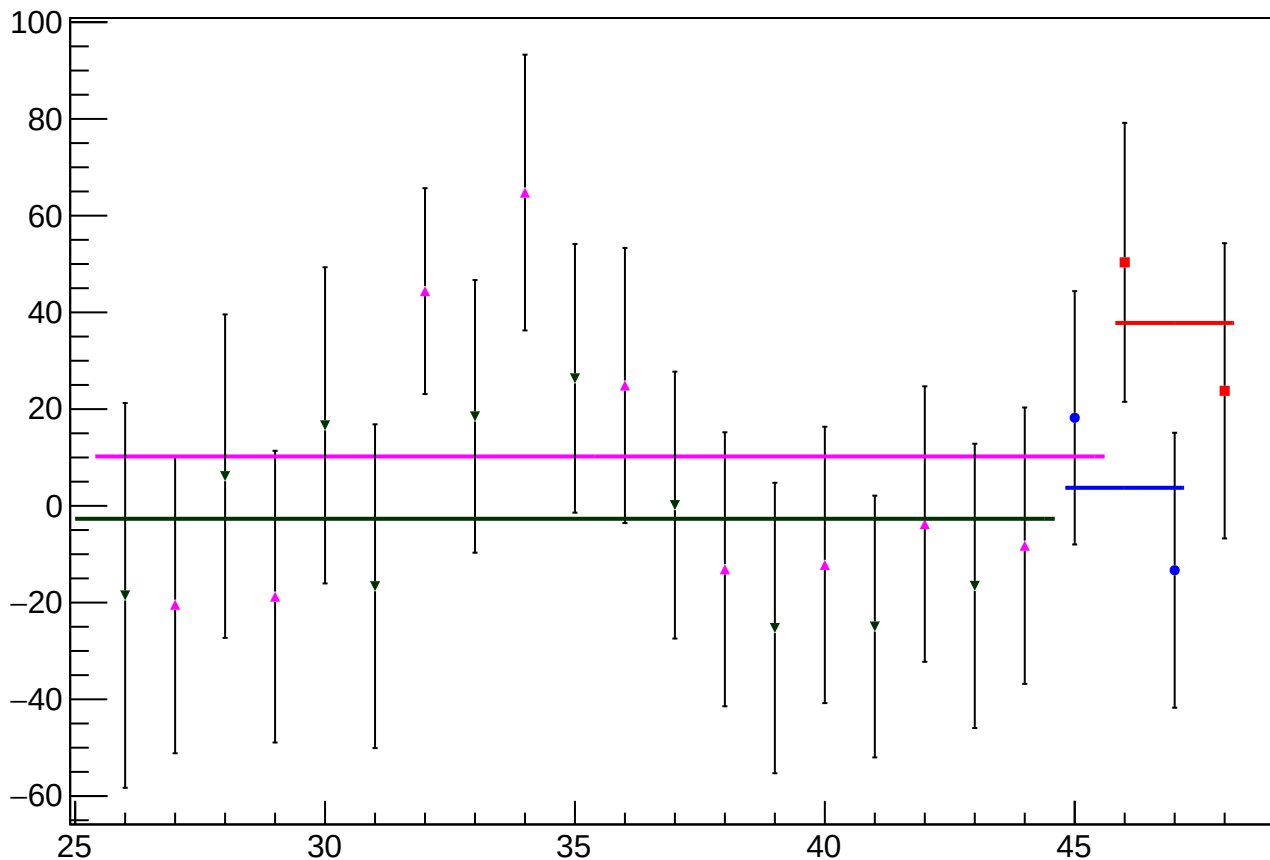
Left Out: 127.192+/-0.040 χ^2/NDF : 197485.8/9

Right Out: 139.049+/-0.104 χ^2/NDF : 4539.5/1

Left In: 118.423+/-0.036 χ^2/NDF : 379462.7/8

125.200+/-0.025 χ^2/NDF : 886199.1/22

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 3.735 +/- 19.260 χ^2/NDF : 0.7/1

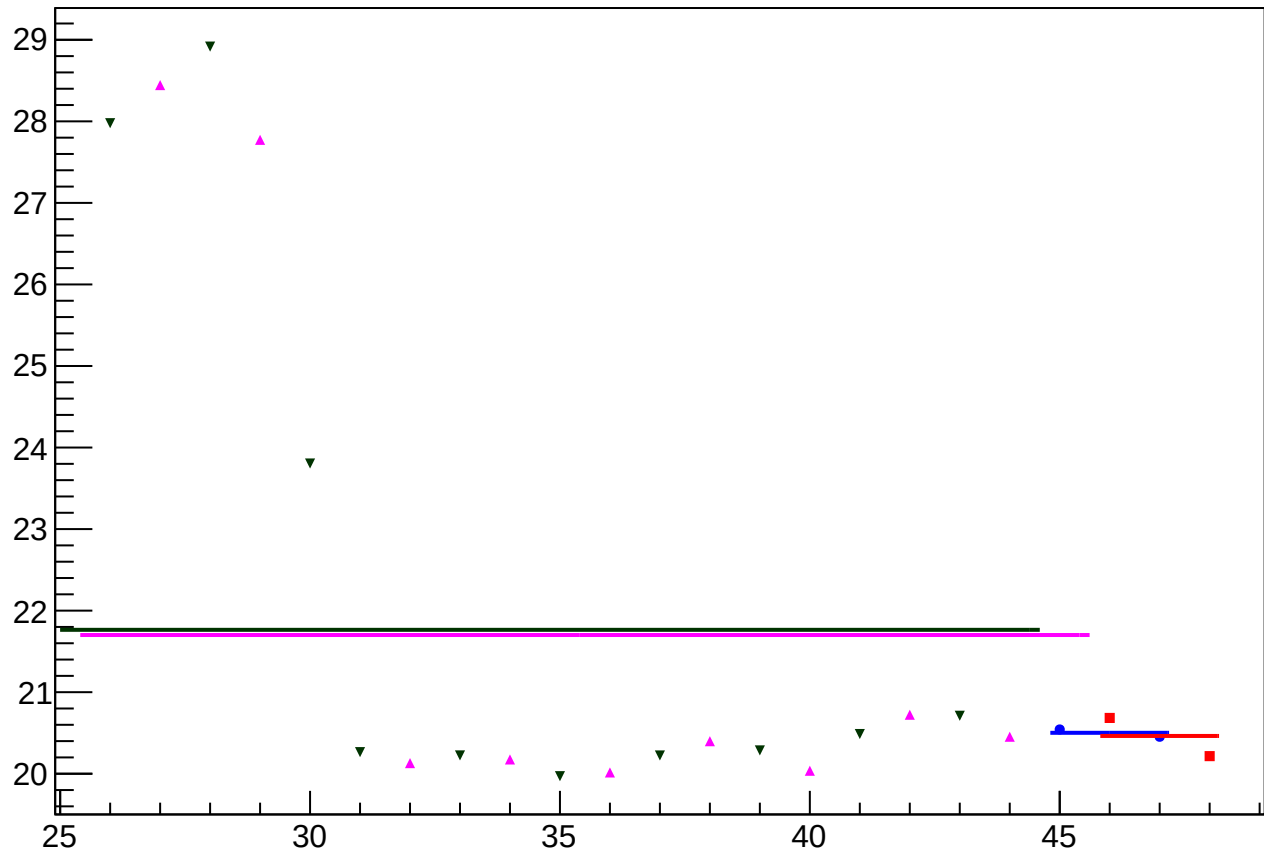
Left Out: -2.673 +/- 9.598 χ^2/NDF : 3.9/9

Right Out: 37.817 +/- 20.961 χ^2/NDF : 0.4/1

Left In: 10.212 +/- 9.220 χ^2/NDF : 10.4/8

6.786 +/- 6.020 χ^2/NDF : 18.7/22

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.502 $\pm$ 0.014 χ^2 /NDF: 10.8/1

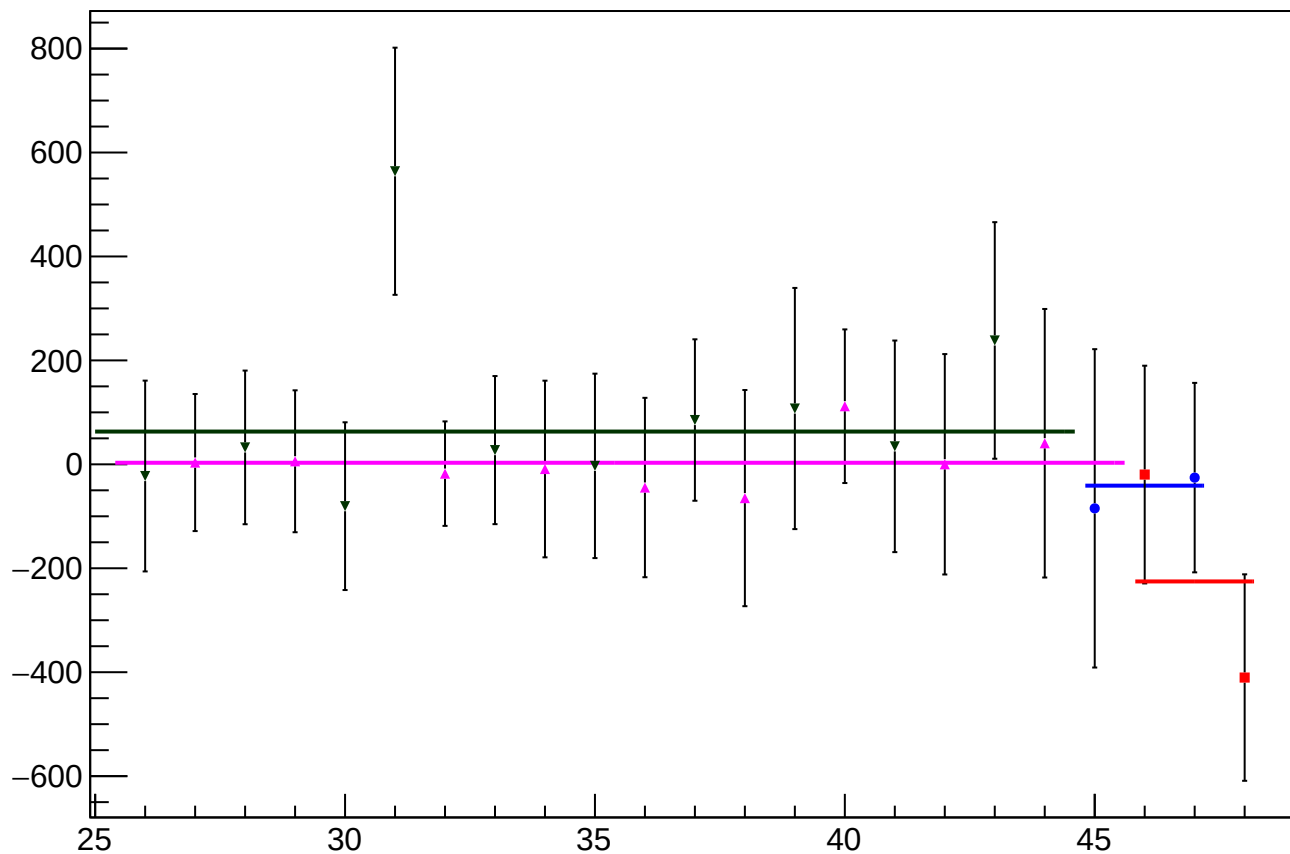
Left Out: 21.765 $\pm$ 0.007 χ^2 /NDF:184541.8/9

Right Out: 20.463 $\pm$ 0.015 χ^2 /NDF: 248.8/1

Left In: 21.701 $\pm$ 0.007 χ^2 /NDF:218304.5/8

21.507 $\pm$ 0.004 χ^2 /NDF: 415840.1/22

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -41.028 $\pm$ 156.650 χ^2 /NDF: 0.0/1

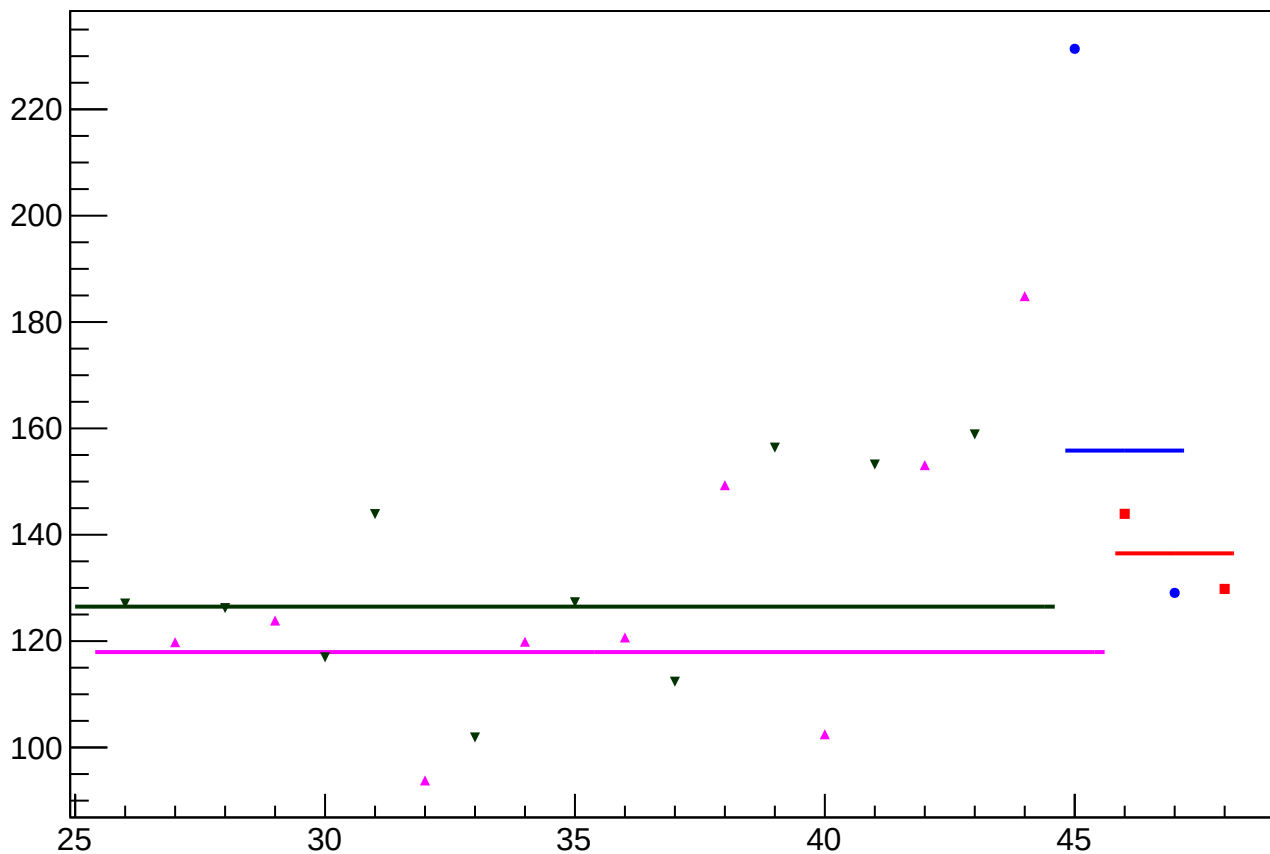
Left Out: 63.061 $\pm$ 56.257 χ^2 /NDF: 6.4/9

Right Out: -225.345 $\pm$ 144.143 χ^2 /NDF: 1.8/1

Left In: 3.008 $\pm$ 51.005 χ^2 /NDF: 0.8/8

10.851 $\pm$ 35.595 χ^2 /NDF: 12.7/22

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 155.830 $\pm$ 0.111 χ^2 /NDF: 164756.1/1

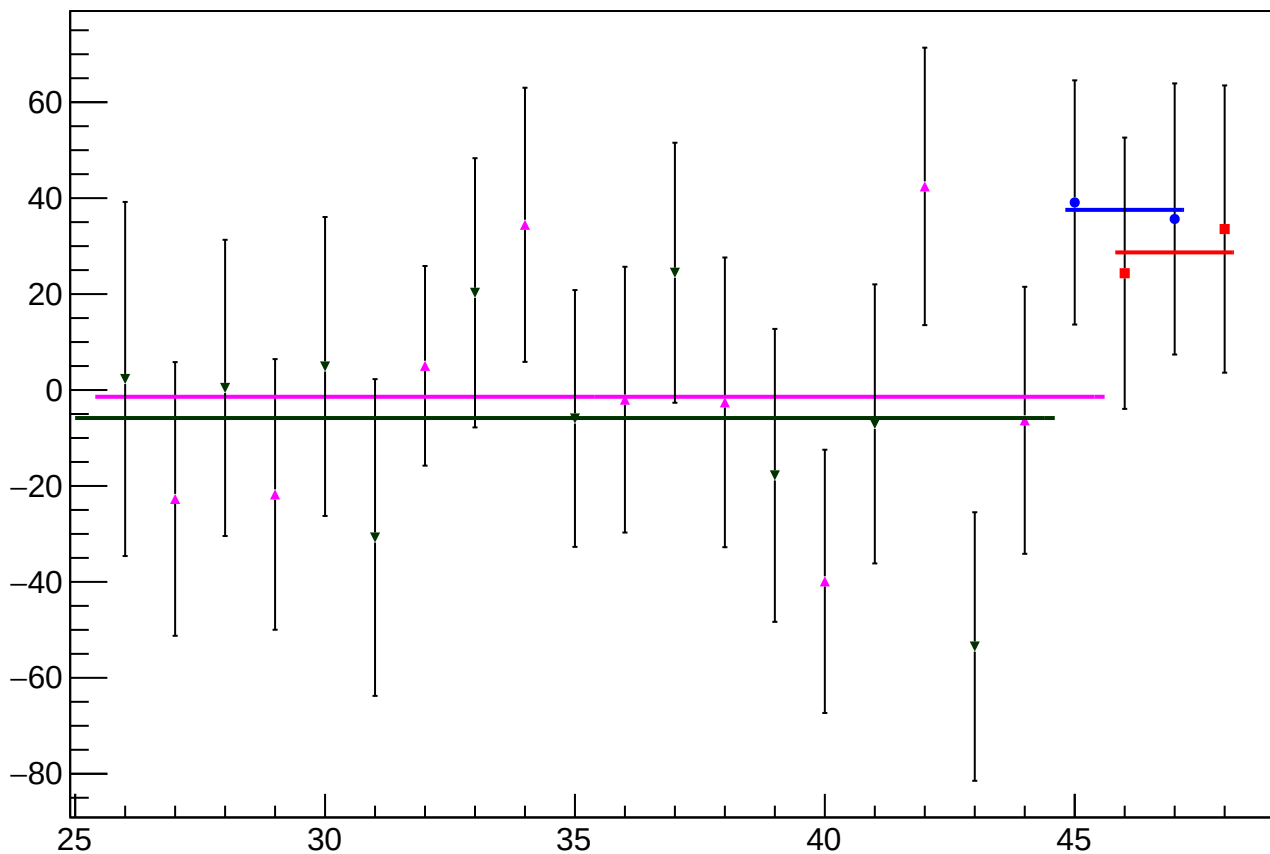
Left Out: 126.482 $\pm$ 0.040 χ^2 /NDF: 202065.4/9

Right Out: 136.498 $\pm$ 0.102 χ^2 /NDF: 4783.5/1

Left In: 117.938 $\pm$ 0.036 χ^2 /NDF: 376858.5/8

124.447 $\pm$ 0.025 χ^2 /NDF: 877902.9/22

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.558+/-18.914 χ^2/NDF : 0.0/1

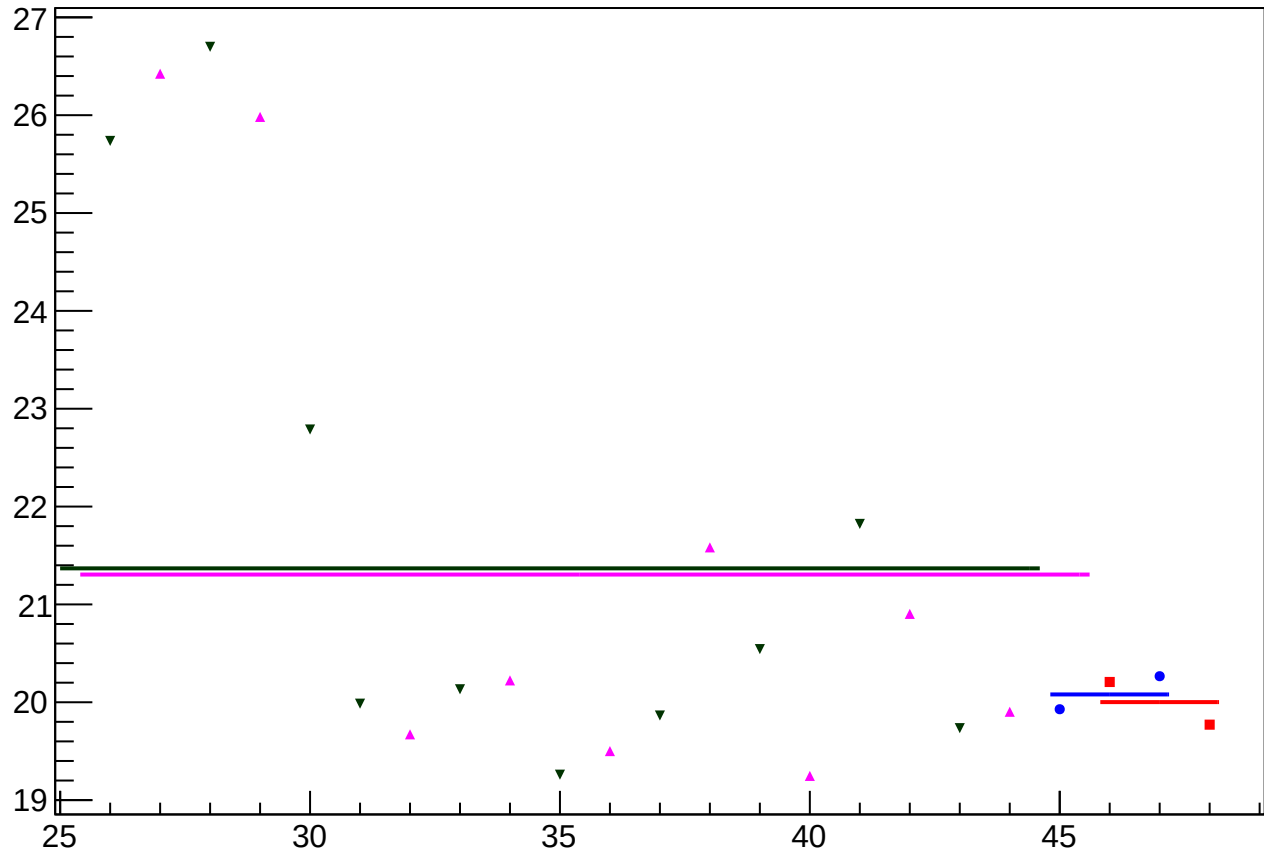
Left Out: -5.840+/-9.412 χ^2/NDF : 5.9/9

Right Out: 28.689+/-20.558 χ^2/NDF : 0.1/1

Left In: -1.409+/-9.041 χ^2/NDF : 7.0/8

3.128+/-5.905 χ^2/NDF : 19.1/22

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080 $\pm$ 0.013 χ^2 /NDF: 157.4/1

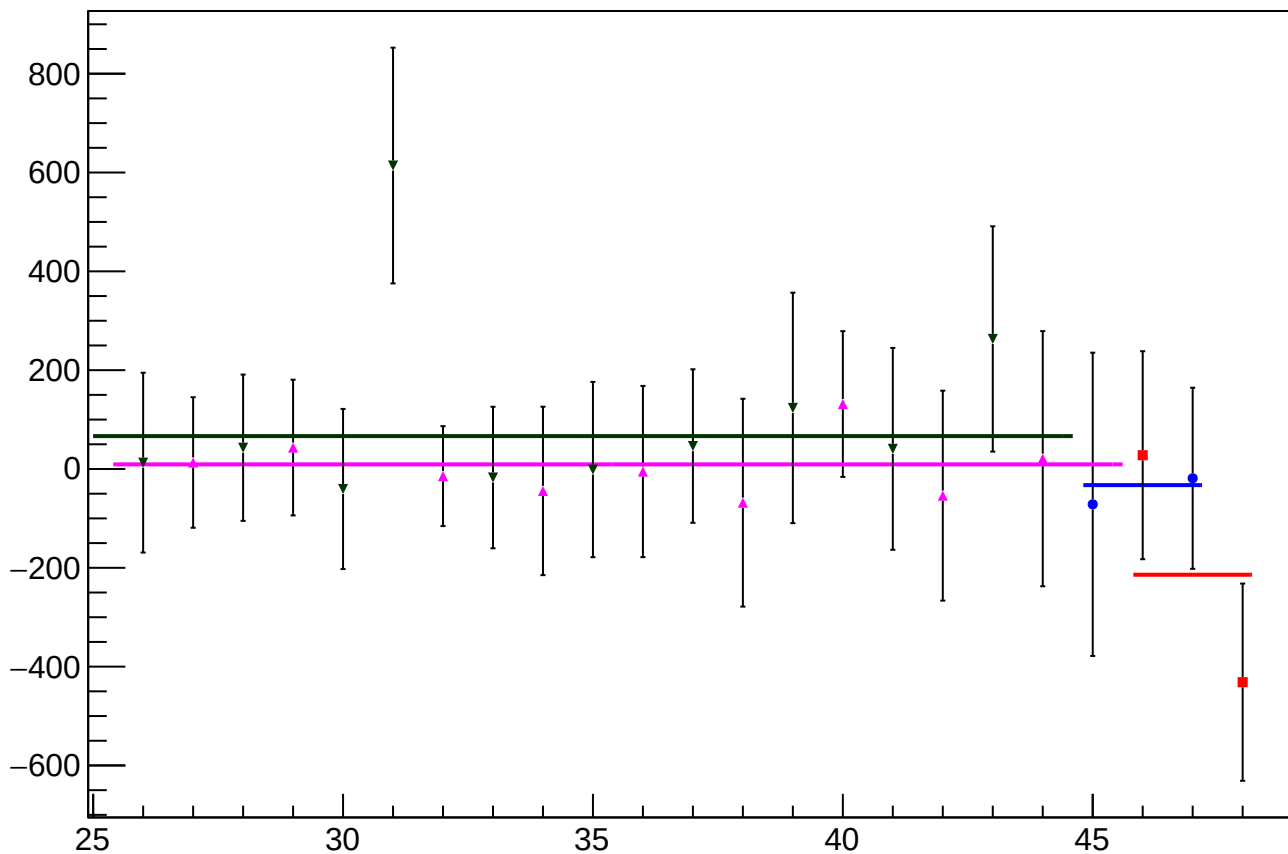
Left Out: 21.368 $\pm$ 0.007 χ^2 /NDF: 126487.8/9

Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 224.3/1

Left In: 21.305 $\pm$ 0.006 χ^2 /NDF: 159917.2/8

21.103 $\pm$ 0.004 χ^2 /NDF: 300969.5/22

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -32.650 +/- 157.363 χ^2/NDF : 0.0/1

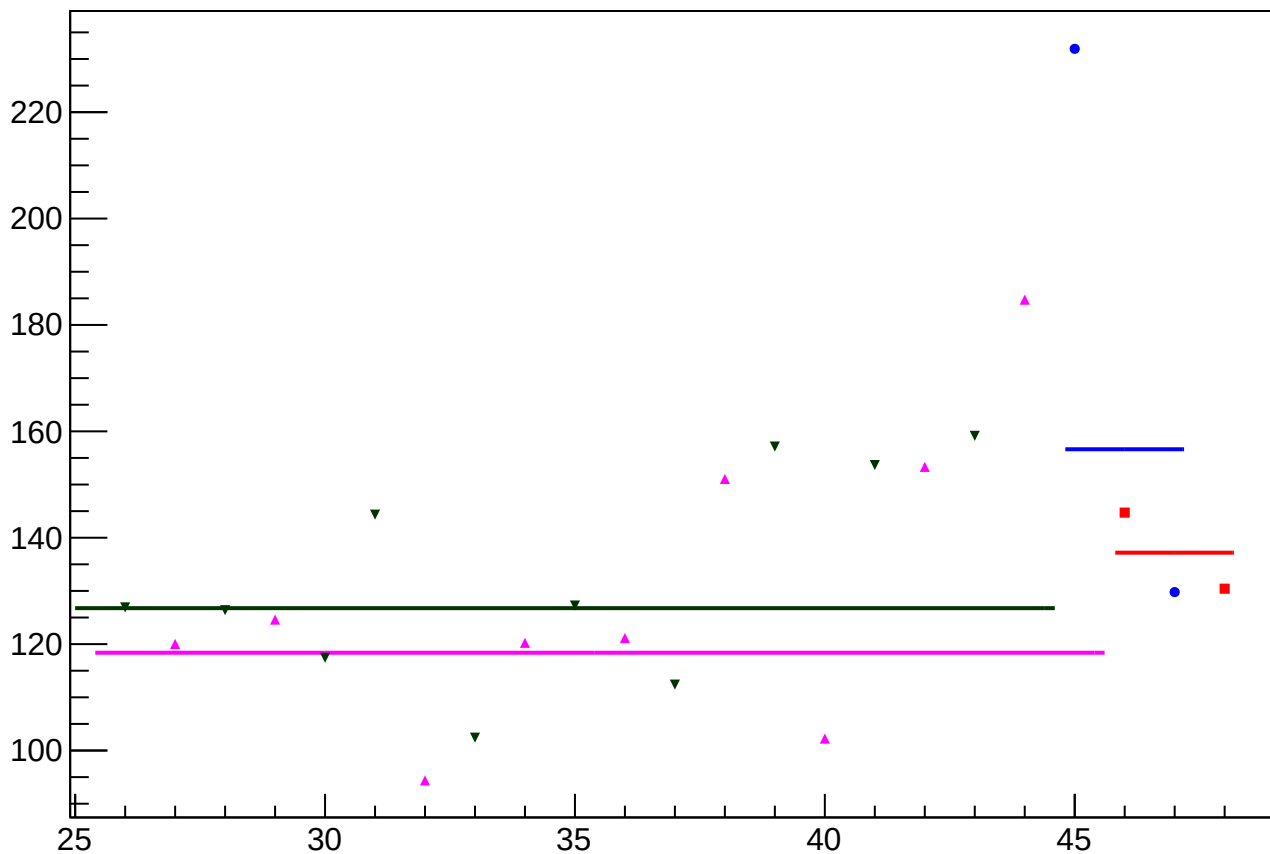
Left Out: 66.532 +/- 56.339 χ^2/NDF : 7.1/9

Right Out: -214.007 +/- 144.830 χ^2/NDF : 2.5/1

Left In: 9.341 +/- 51.191 χ^2/NDF : 1.1/8

16.572 +/- 35.698 χ^2/NDF : 14.2/22

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 156.631 $\pm$ 0.111 χ^2 /NDF: 163242.4/1

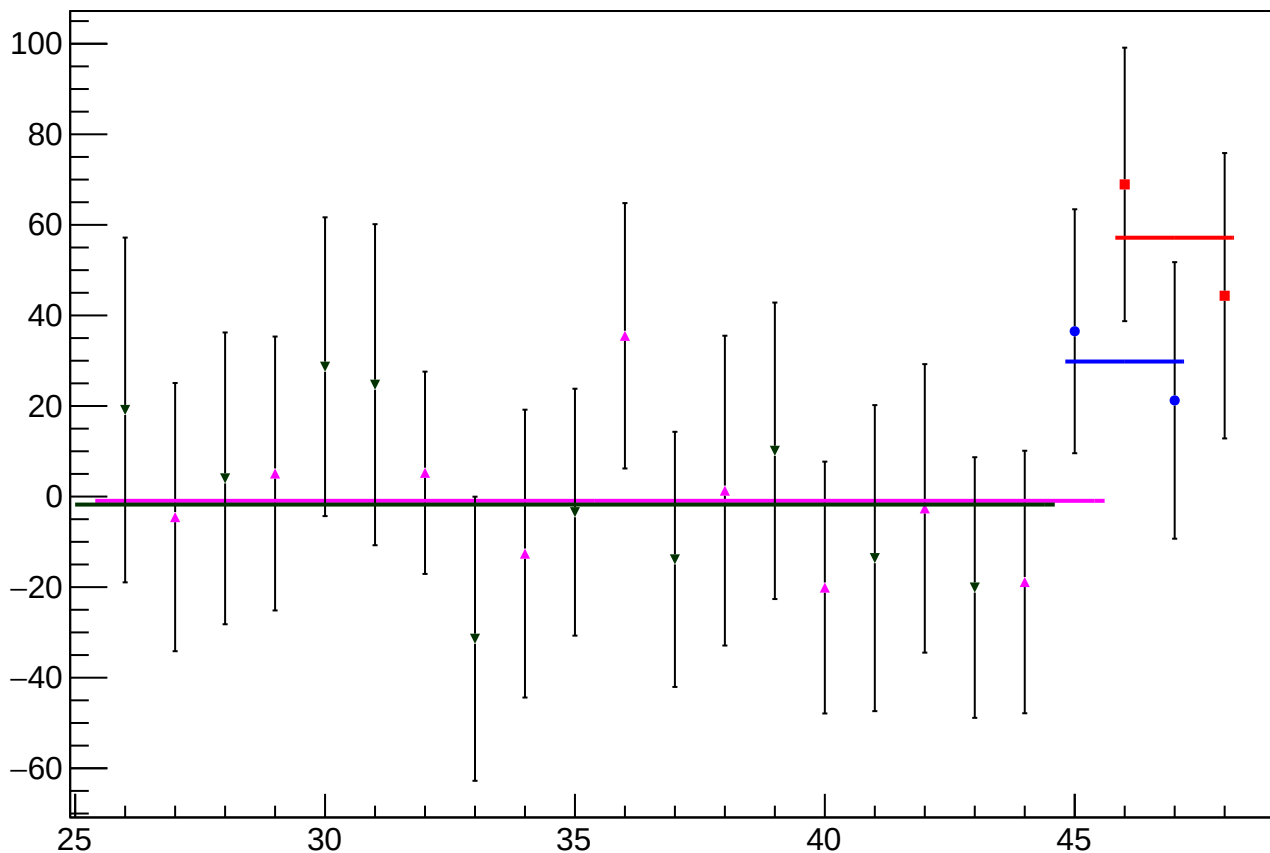
Left Out: 126.761 $\pm$ 0.040 χ^2 /NDF: 201460.1/9

Right Out: 137.191 $\pm$ 0.102 χ^2 /NDF: 4861.6/1

Left In: 118.381 $\pm$ 0.036 χ^2 /NDF: 376314.7/8

124.857 $\pm$ 0.025 χ^2 /NDF: 876215.2/22

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 29.822 $\pm$ 20.200 χ^2 /NDF: 0.1/1

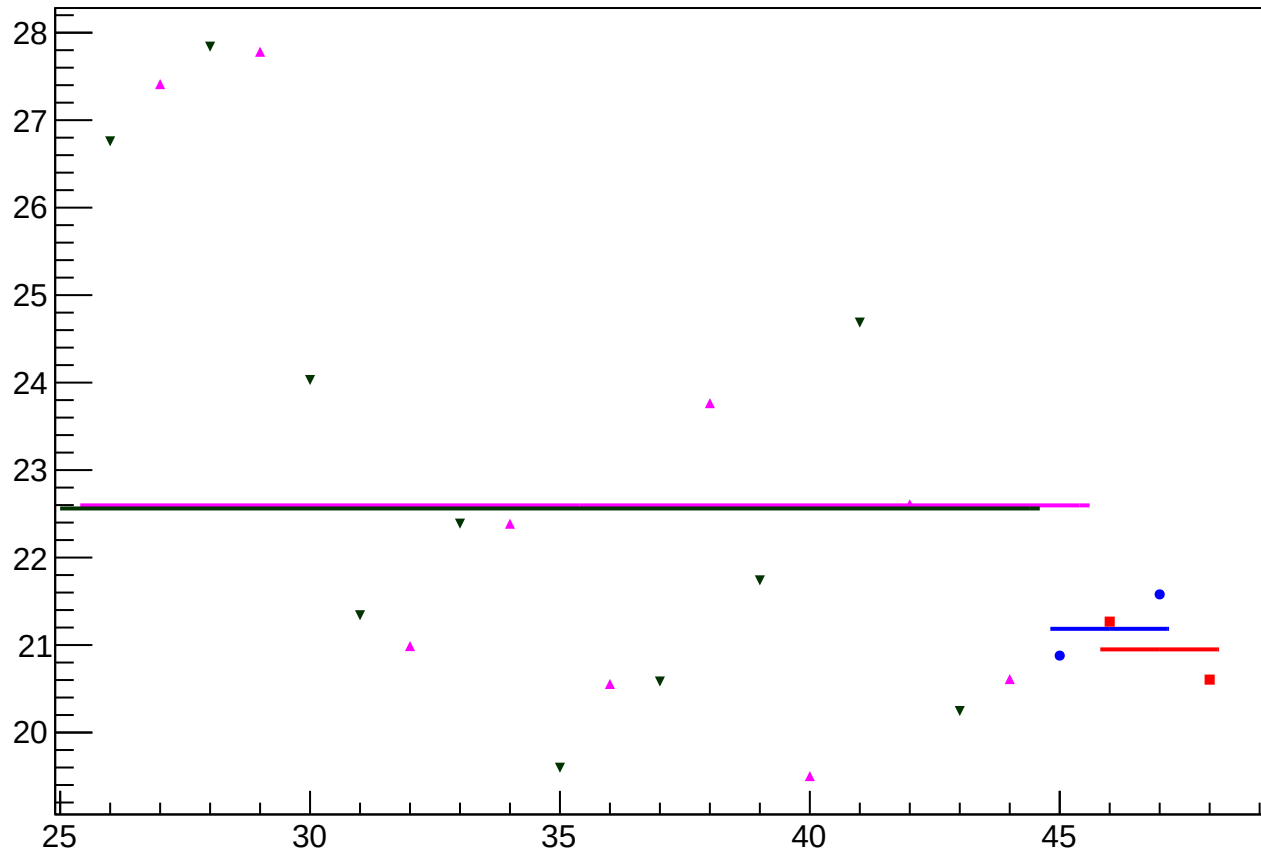
Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF:3.5/9

Right Out: 57.163 $\pm$ 21.802 χ^2 /NDF: 0.3/1

Left In: -0.942 $\pm$ 9.660 χ^2 /NDF:2.7/8

6.550 $\pm$ 6.290 χ^2 /NDF: 14.6/22

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.185 $\pm$ 0.014 χ^2/NDF : 591.3/1

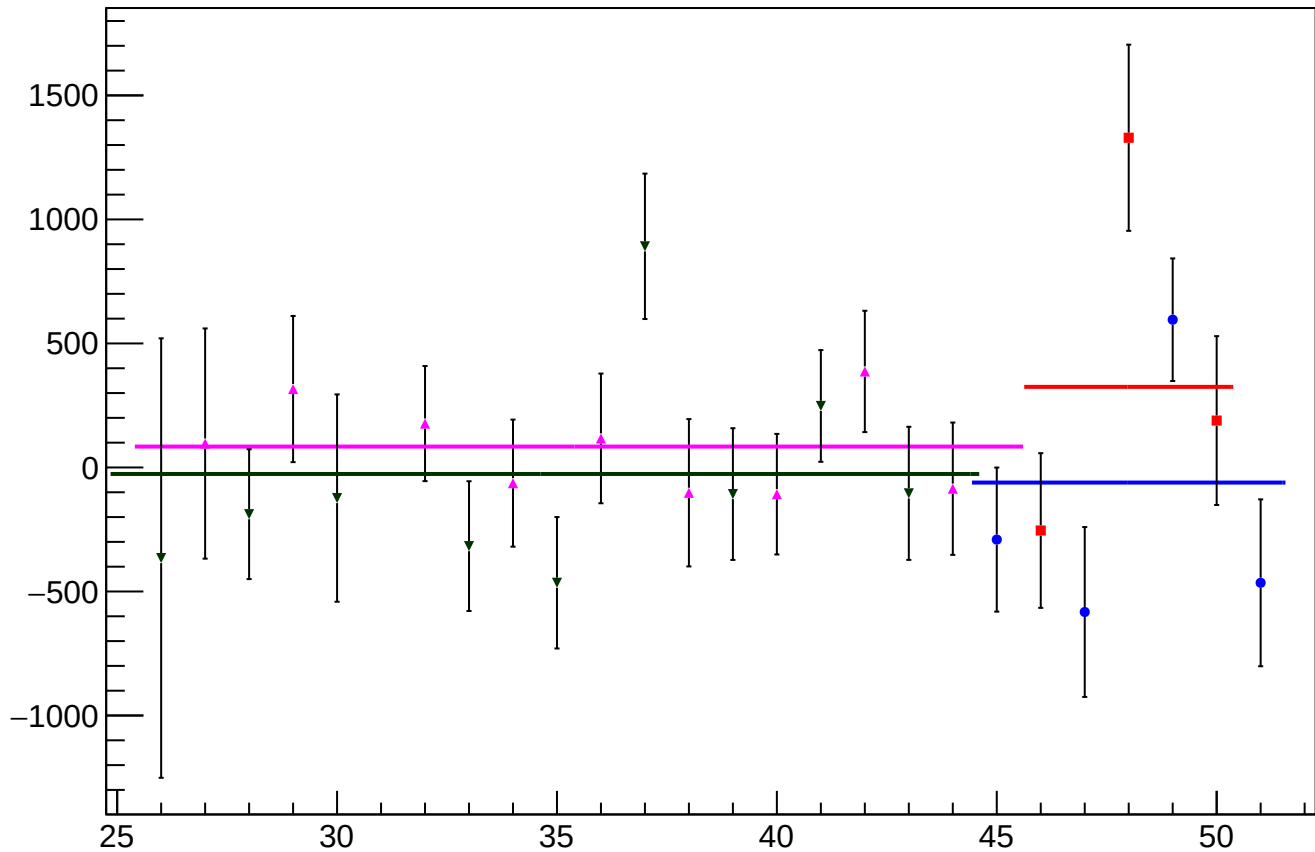
Left Out: 22.561 $\pm$ 0.007 χ^2/NDF : 140006.3/9

Right Out: 20.950 $\pm$ 0.015 χ^2/NDF : 461.2/1

Left In: 22.597 $\pm$ 0.007 χ^2/NDF : 168346.0/8

22.309 $\pm$ 0.004 χ^2/NDF : 326404.5/22

asym_sam_15_avg_mean vs slug



Right In: -60.858+/-148.103 χ^2/NDF : 11.4/3

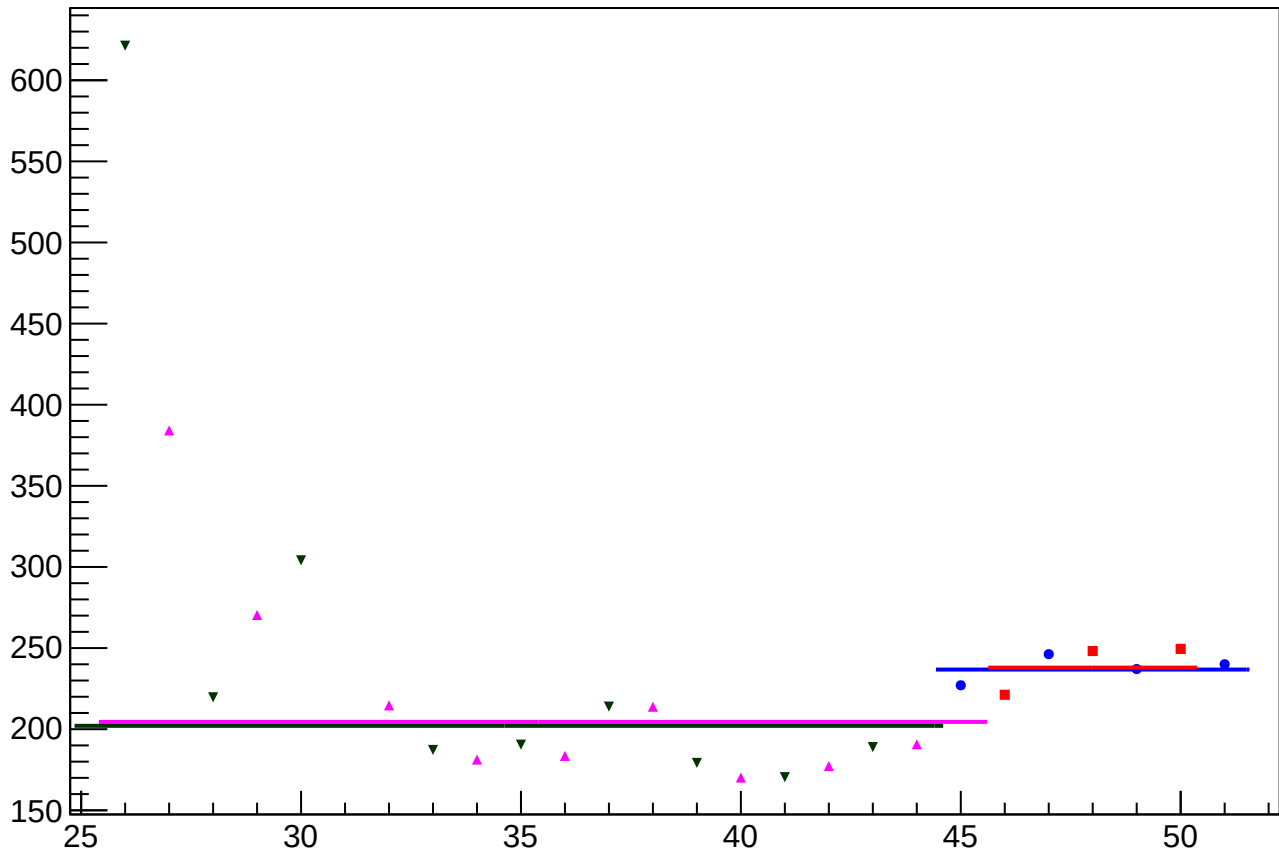
Left Out: -26.215+/-95.391 χ^2/NDF :16.0/8

Right Out: 324.968+/-196.050 χ^2/NDF : 10.8/2

Left In: 84.239+/-89.930 χ^2/NDF :4.1/8

43.308+/-57.245 χ^2/NDF : 45.6/24

asym_sam_15_avg_rms vs slug



Right In: 236.764+/-0.105 χ^2/NDF : 3961.9/3

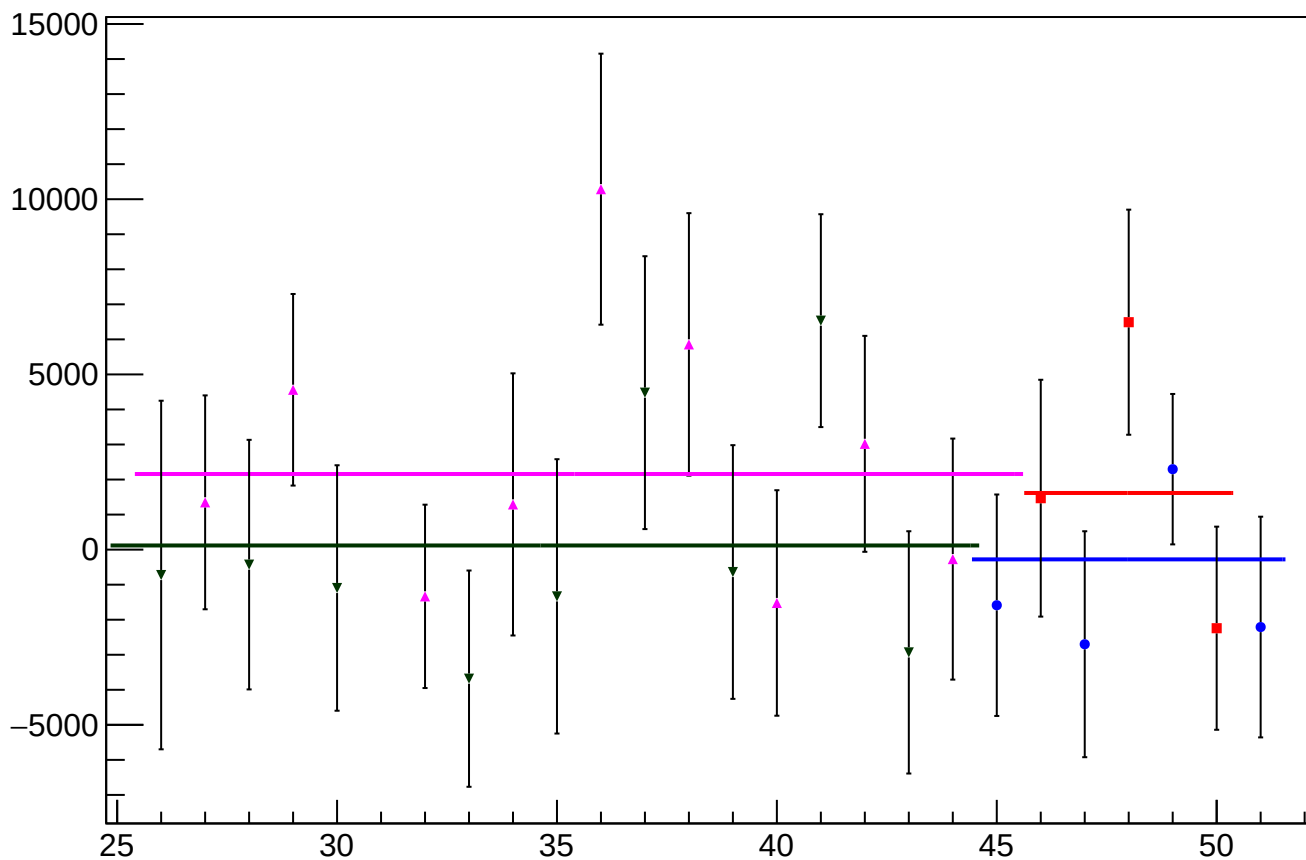
Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

211.299+/-0.040 χ^2/NDF : 1293303.3/24

Right Out: 237.961+/-0.139 χ^2/NDF : 9548.5/2

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

asym_sam_26_avg_mean vs slug



Right In: -278.046+/-1394.498 χ^2/NDF : 2.5/3

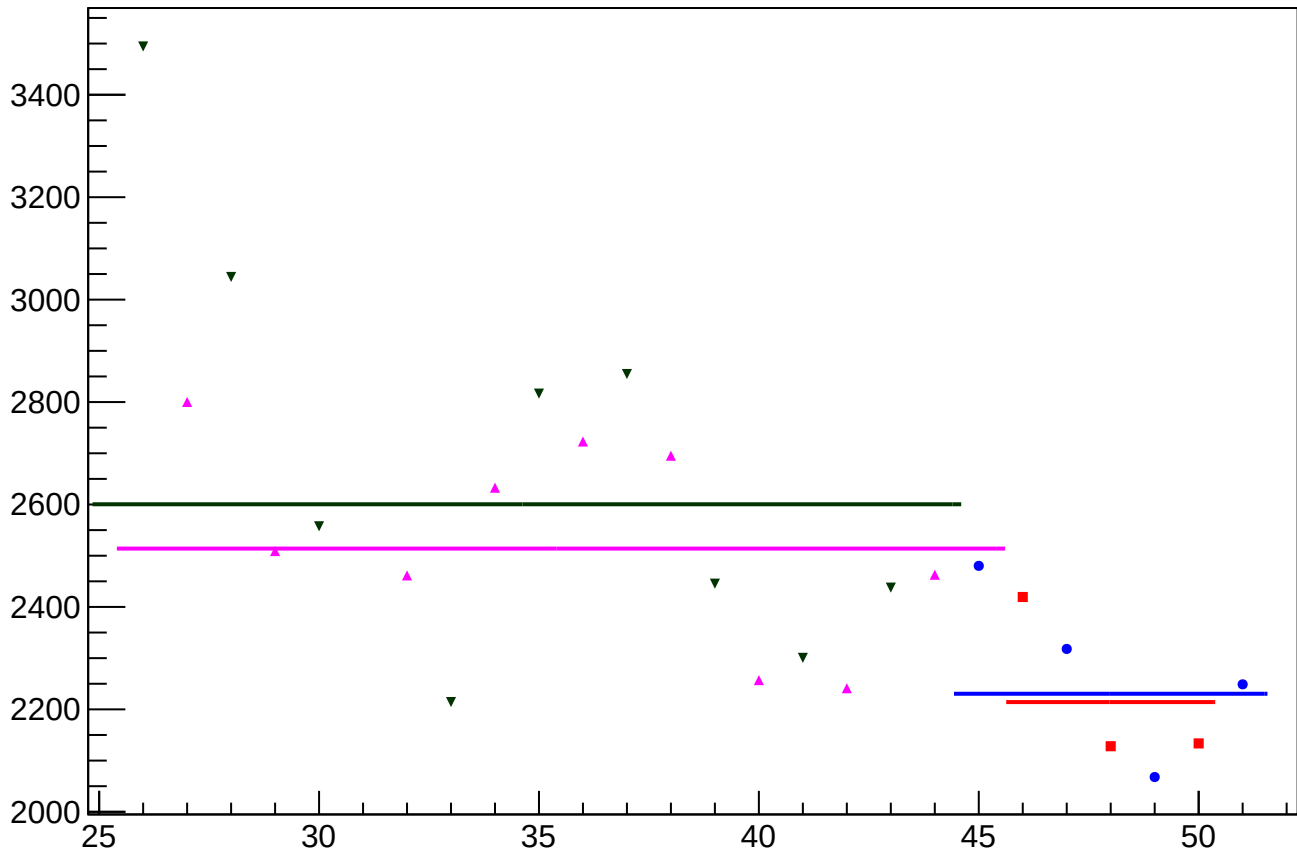
Left Out: 118.708+/-1190.644 χ^2/NDF : 8.4/8

Right Out: 1616.690+/-1815.041 χ^2/NDF : 4.1/2

Left In: 2158.051+/-1063.969 χ^2/NDF : 10.0/8

971.451+/-644.618 χ^2/NDF : 27.6/24

asym_sam_26_avg_rms vs slug



Right In: 2230.476+/-0.986 χ^2/NDF : 25507.7/3

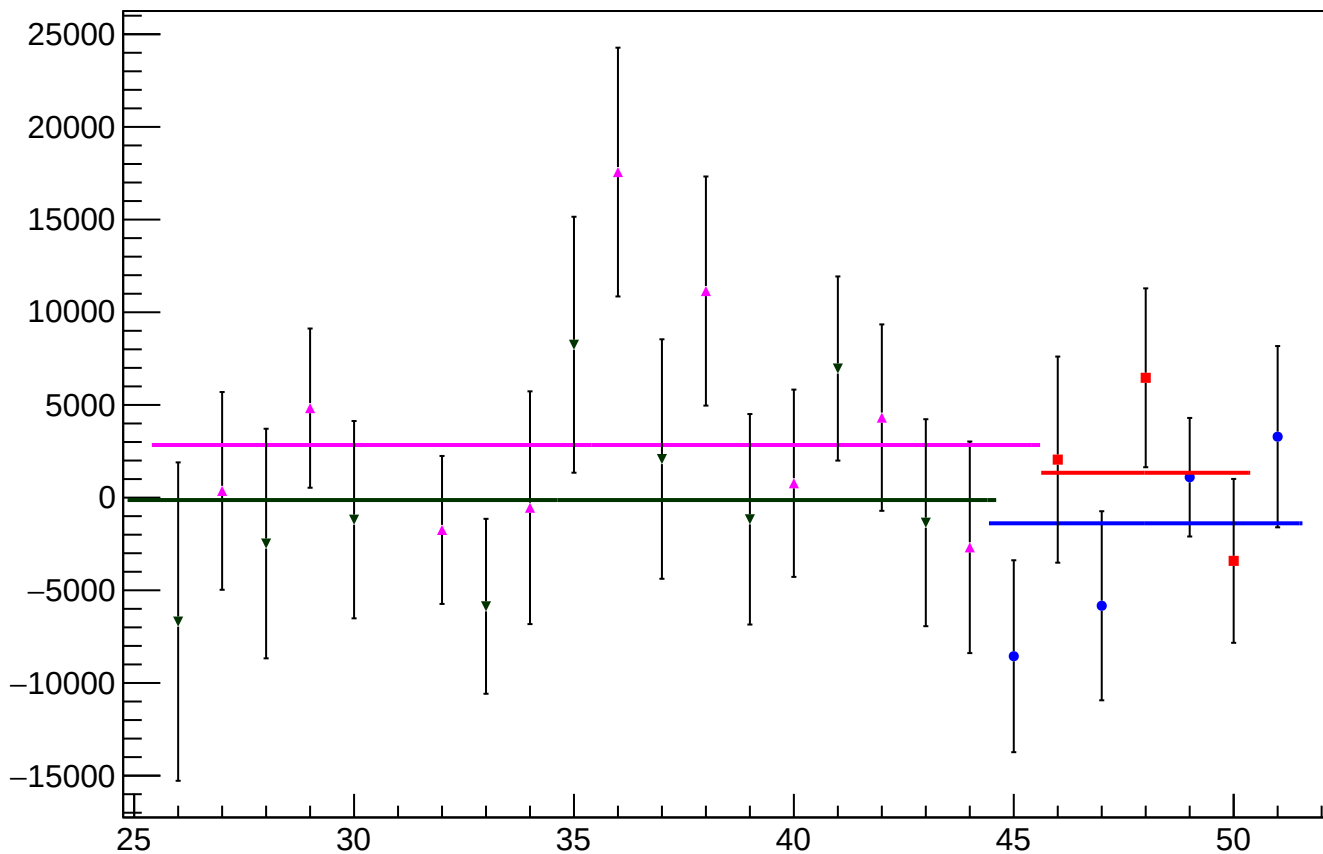
Left Out: 2600.445+/-0.842 χ^2/NDF :169500.1/8

2440.924+/-0.456 χ^2/NDF : 387253.4/24

Right Out: 2214.241+/-1.283 χ^2/NDF : 10364.1/2

Left In: 2513.944+/-0.752 χ^2/NDF :59815.8/8

asym_sam_37_avg_mean vs slug



Right In: -1385.845 $\pm$ 2155.069 χ^2 /NDF: 4.2/3

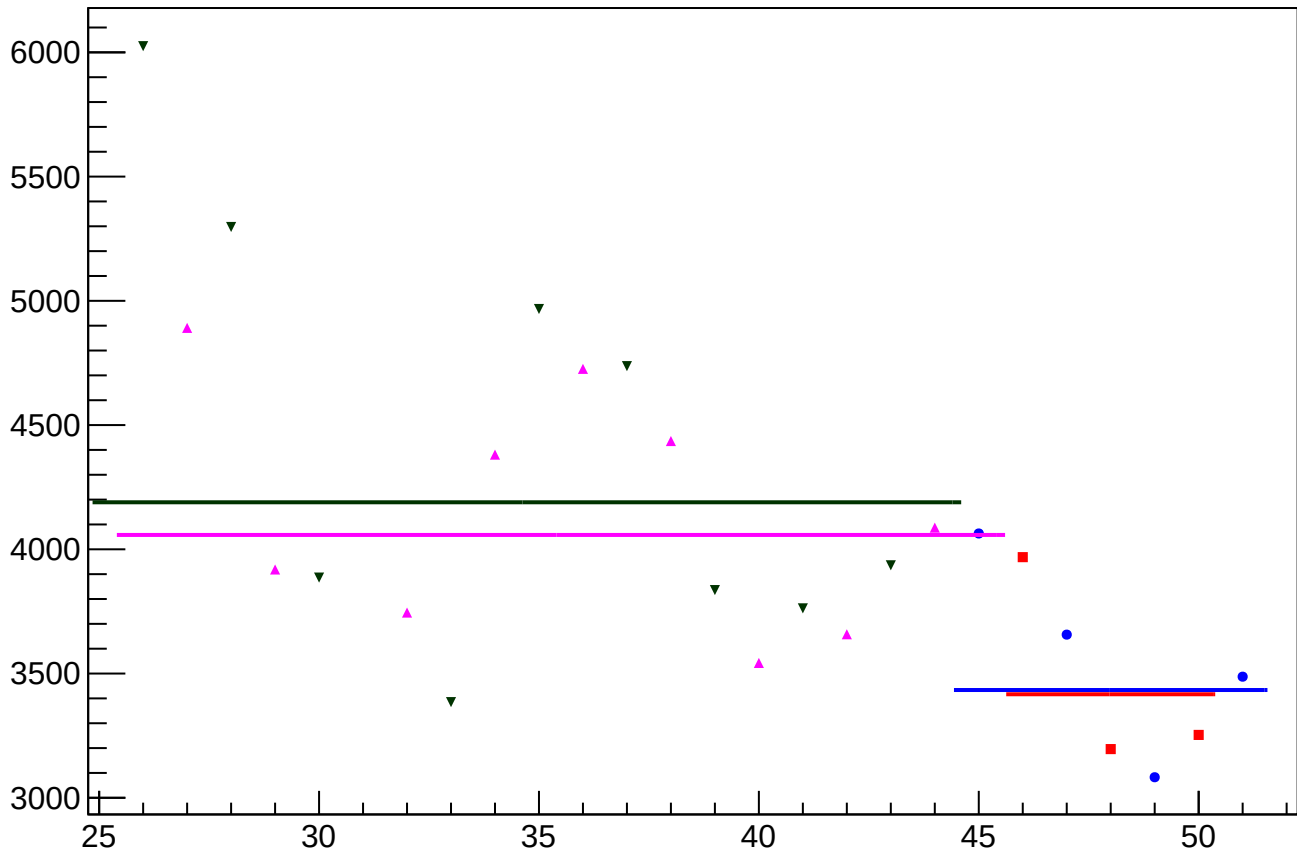
Left Out: -130.759 $\pm$ 1930.273 χ^2 /NDF: 6.0/8

Right Out: 1340.146 $\pm$ 2812.131 χ^2 /NDF: 2.3/2

Left In: 2838.910 $\pm$ 1727.020 χ^2 /NDF: 9.8/8

833.267 $\pm$ 1028.452 χ^2 /NDF: 25.0/24

asym_sam_37_avg_rms vs slug



Right In: 3433.728+/-1.524 χ^2/NDF : 57760.5/3

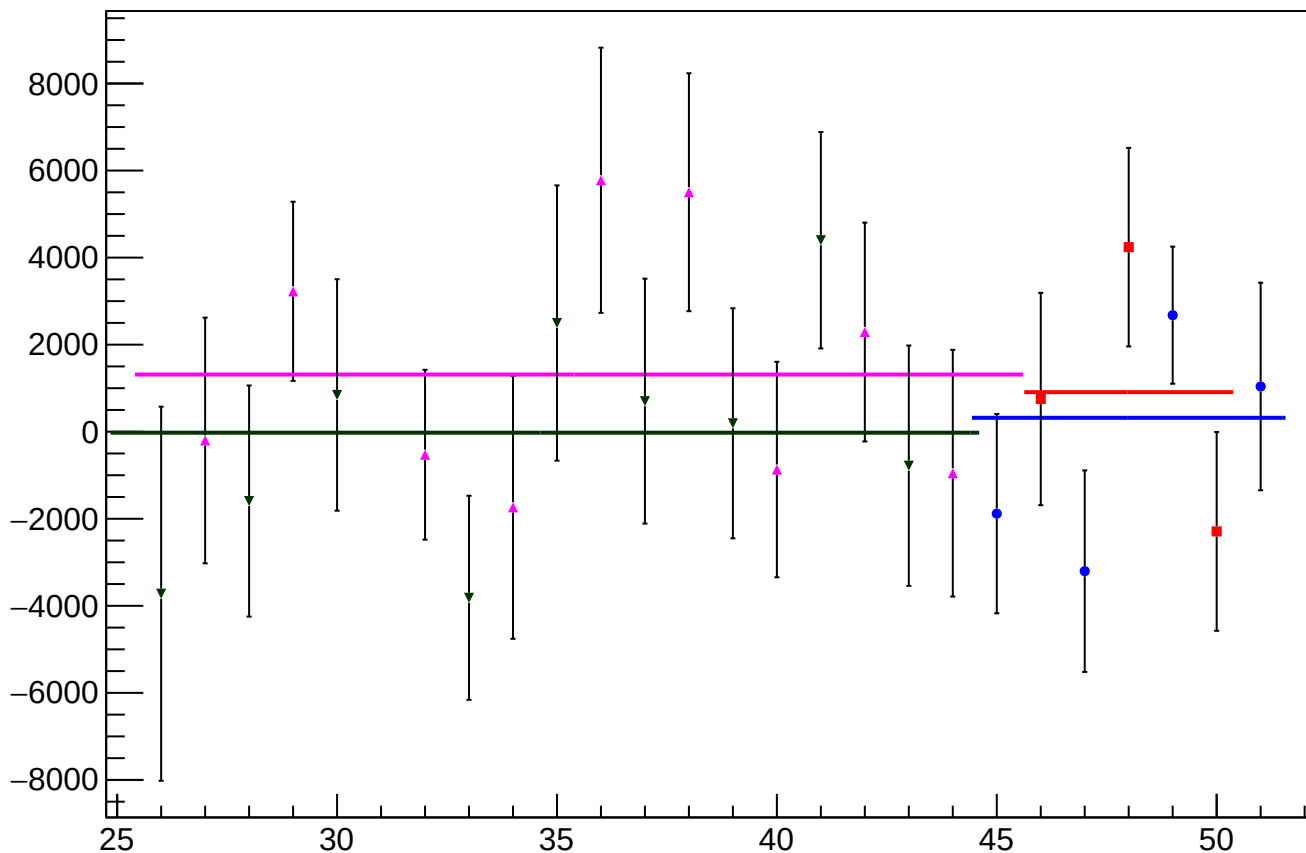
Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

3867.230+/-0.727 χ^2/NDF : 712278.6/24

Right Out: 3416.621+/-1.988 χ^2/NDF : 26619.5/2

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

asym_sam_48_avg_mean vs slug



Right In: 319.646 ± 1022.462 χ^2/NDF : 5.6/3

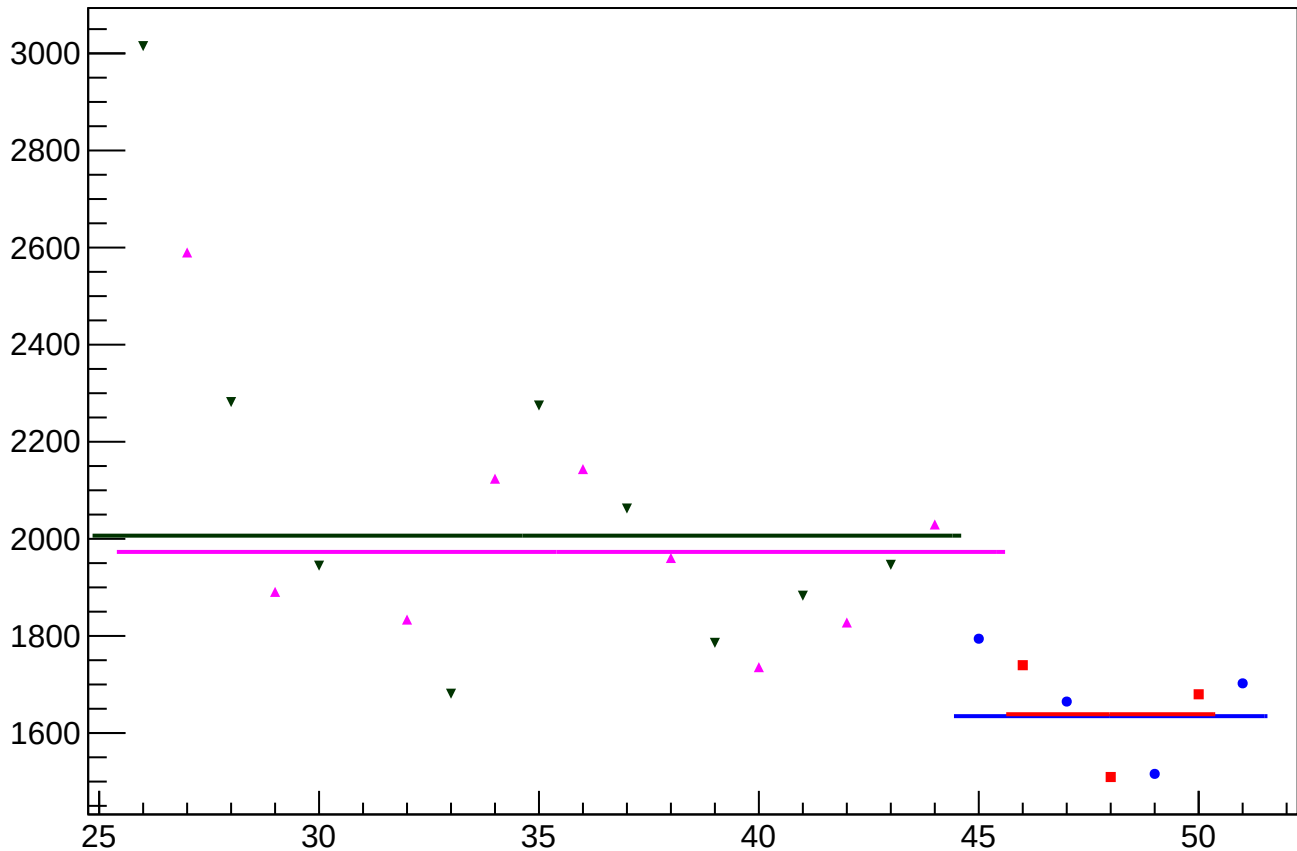
Left Out: -22.507 ± 919.850 χ^2/NDF : 7.8/8

Right Out: 908.645 ± 1345.865 χ^2/NDF : 4.1/2

Left In: 1314.189 ± 838.756 χ^2/NDF : 9.1/8

644.185 ± 493.149 χ^2/NDF : 27.9/24

asym_sam_48_avg_rms vs slug



Right In: 1634.764+/-0.723 χ^2/NDF : 23059.3/3

Left Out: 2006.587+/-0.650 χ^2/NDF : 206255.1/8

Right Out: 1638.744+/-0.952 χ^2/NDF : 10505.9/2

Left In: 1973.076+/-0.593 χ^2/NDF : 146156.0/8

1859.119+/-0.349 χ^2/NDF : 624216.7/24

yield_sam_15_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

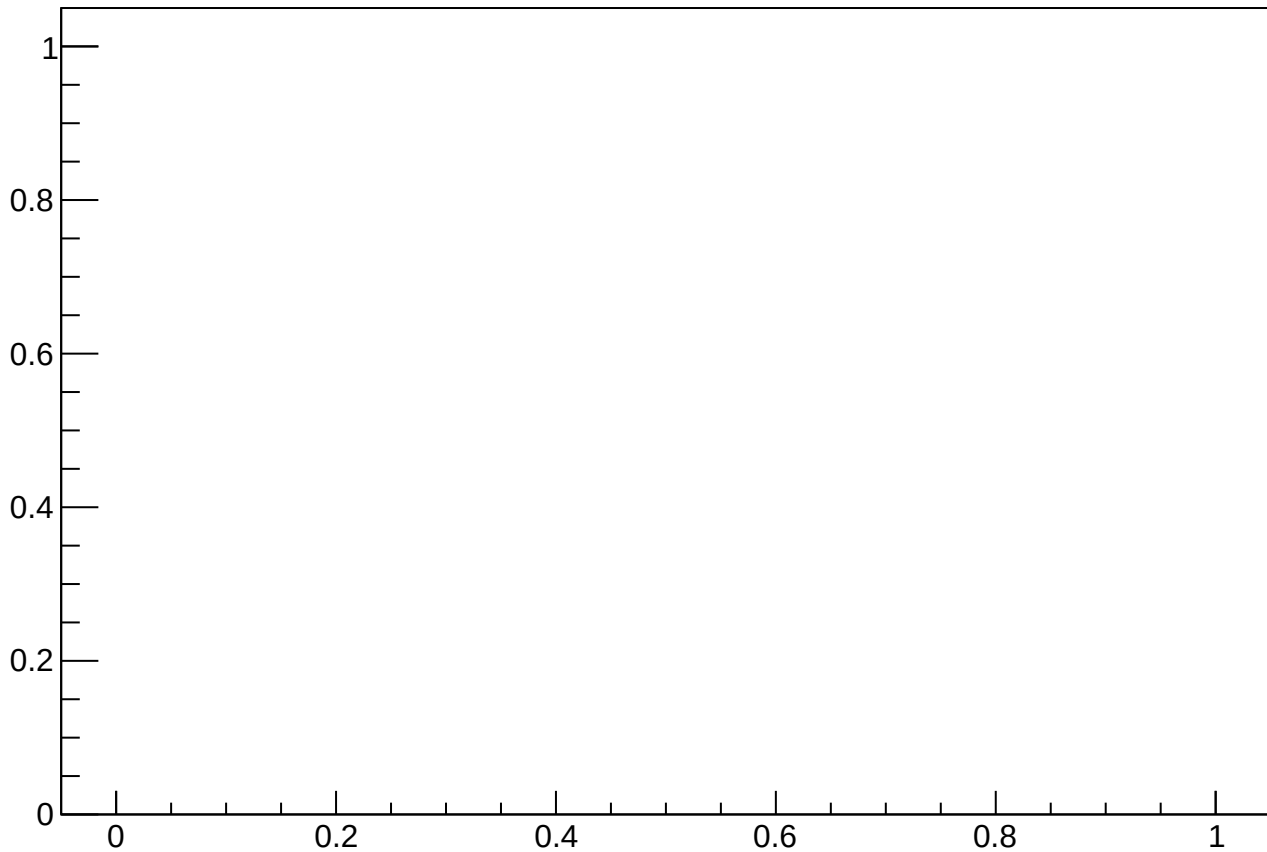
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

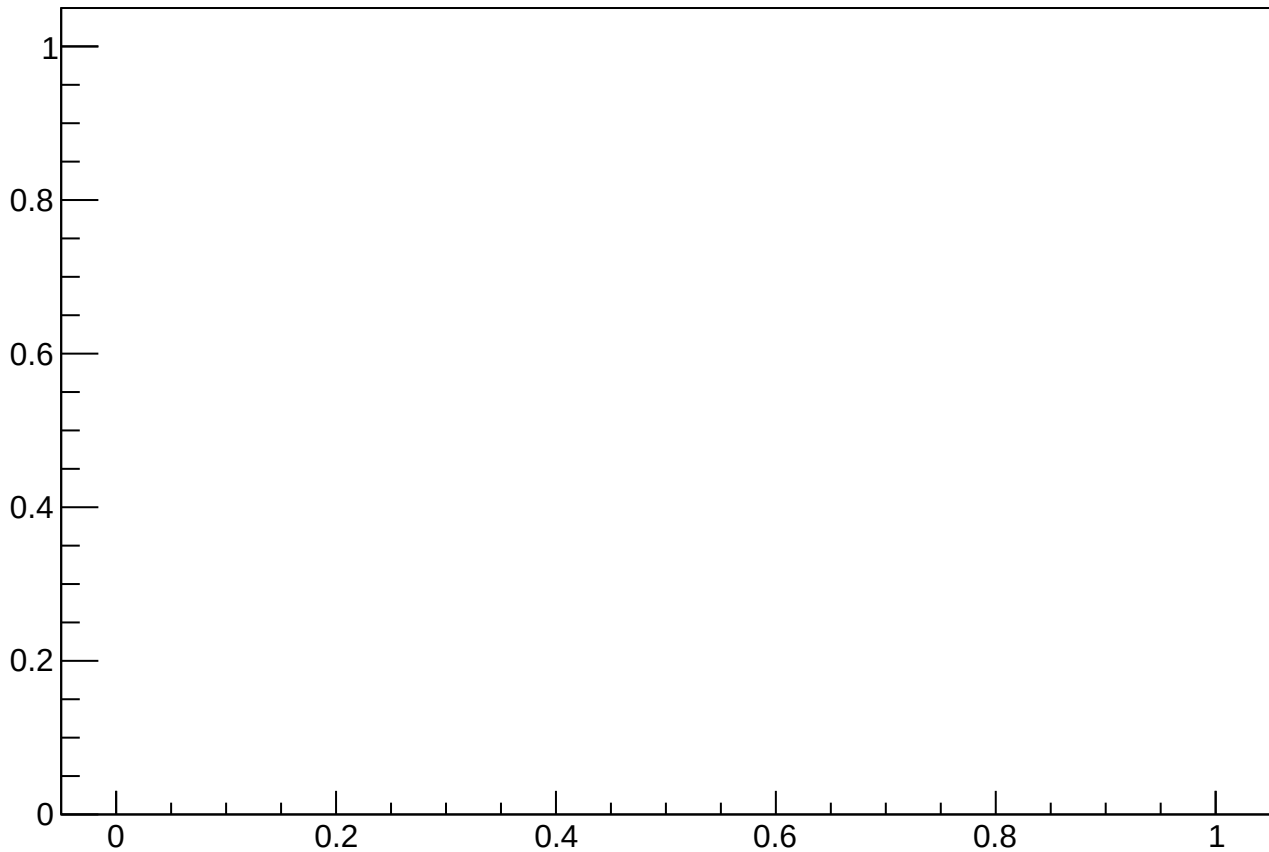
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

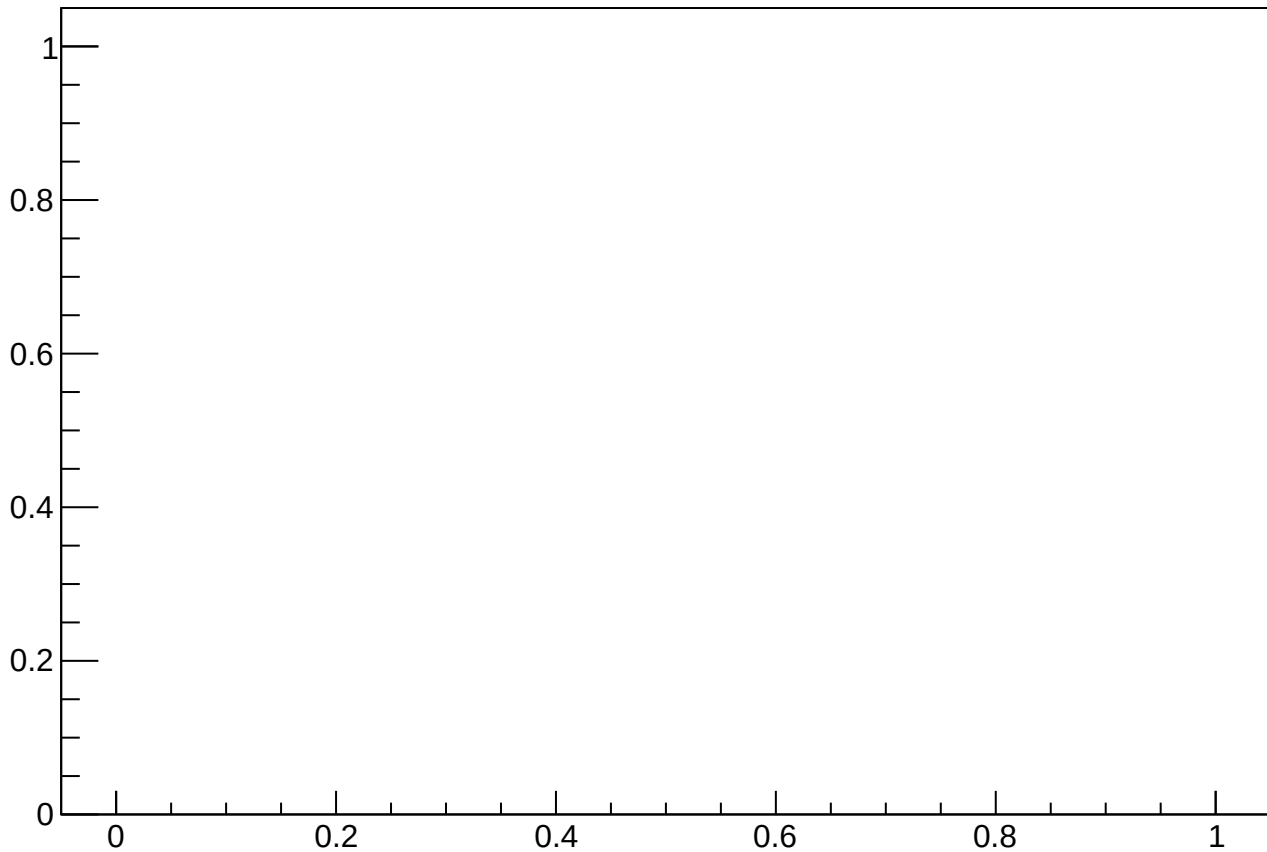
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

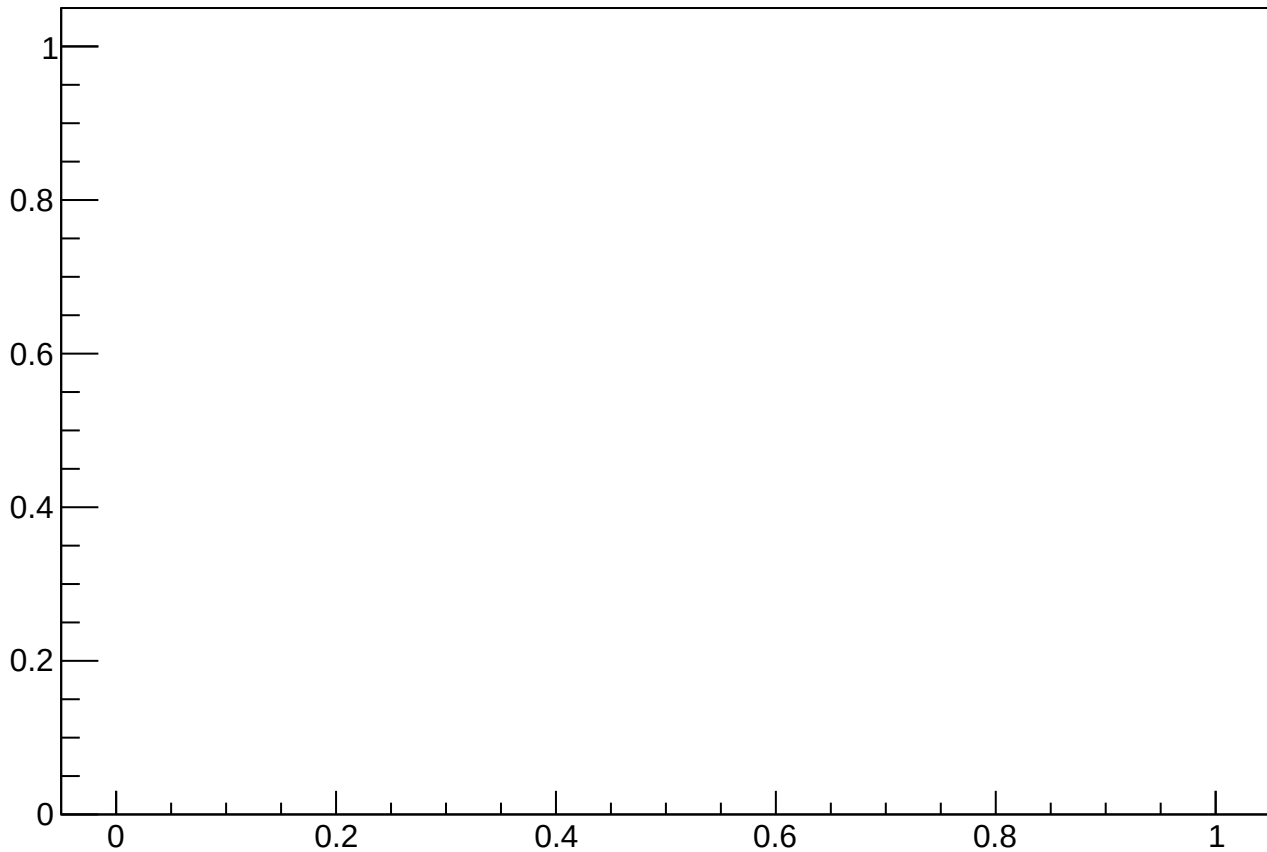
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

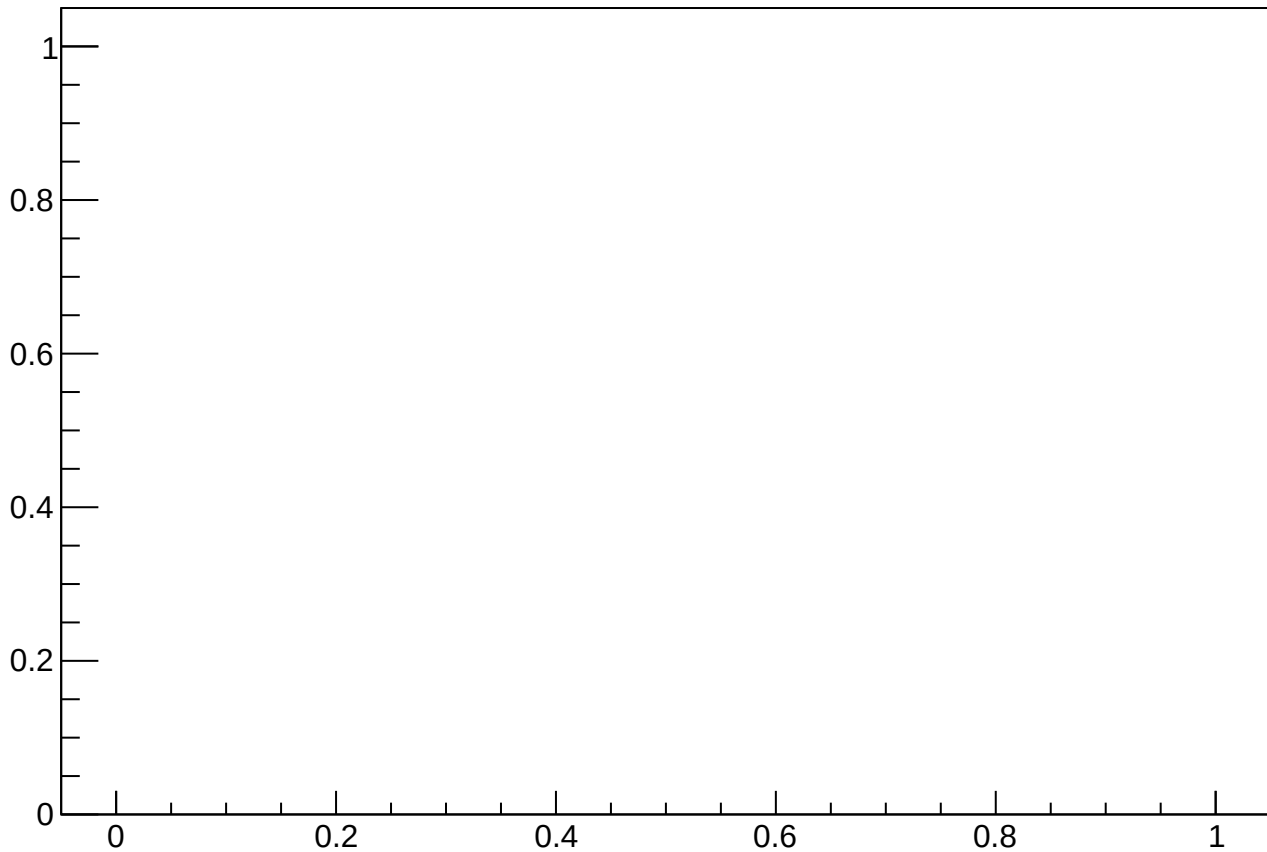
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

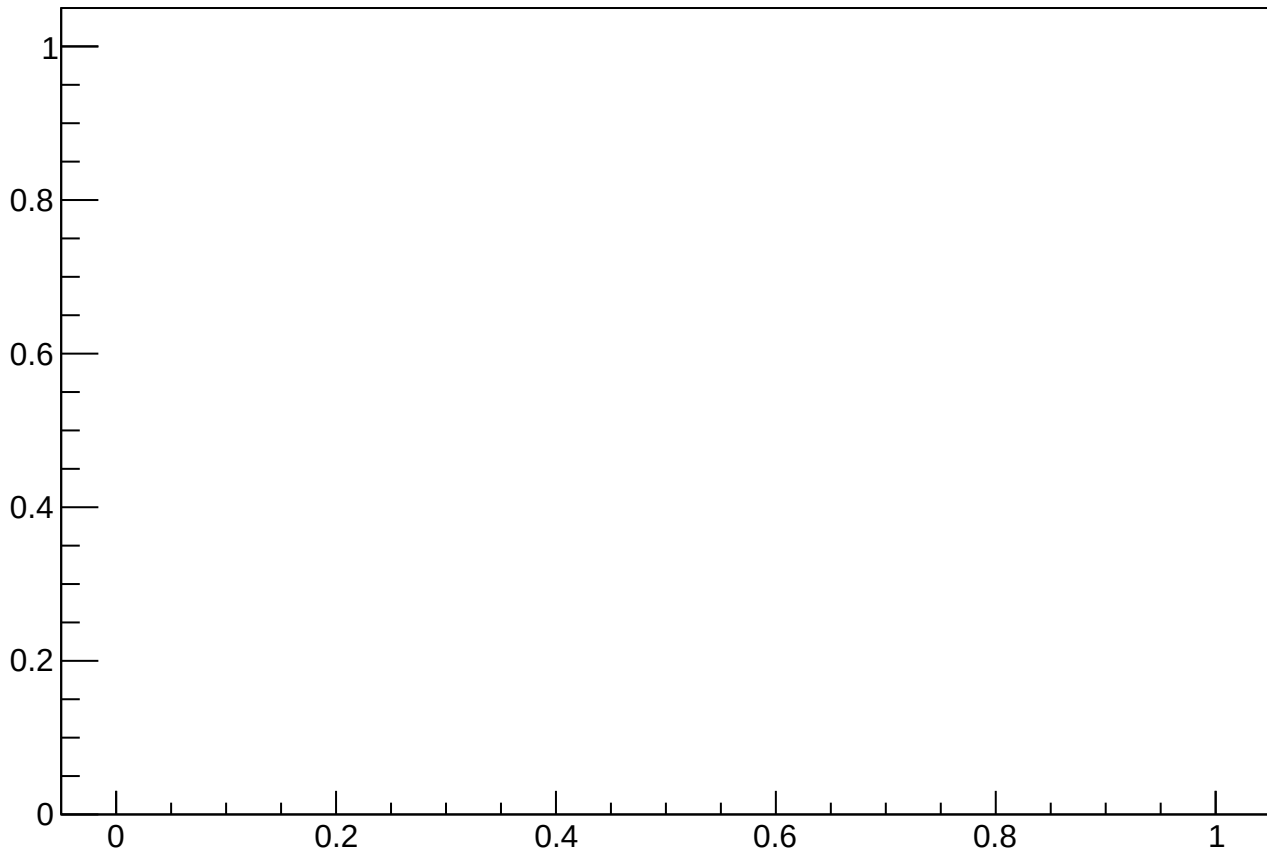
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

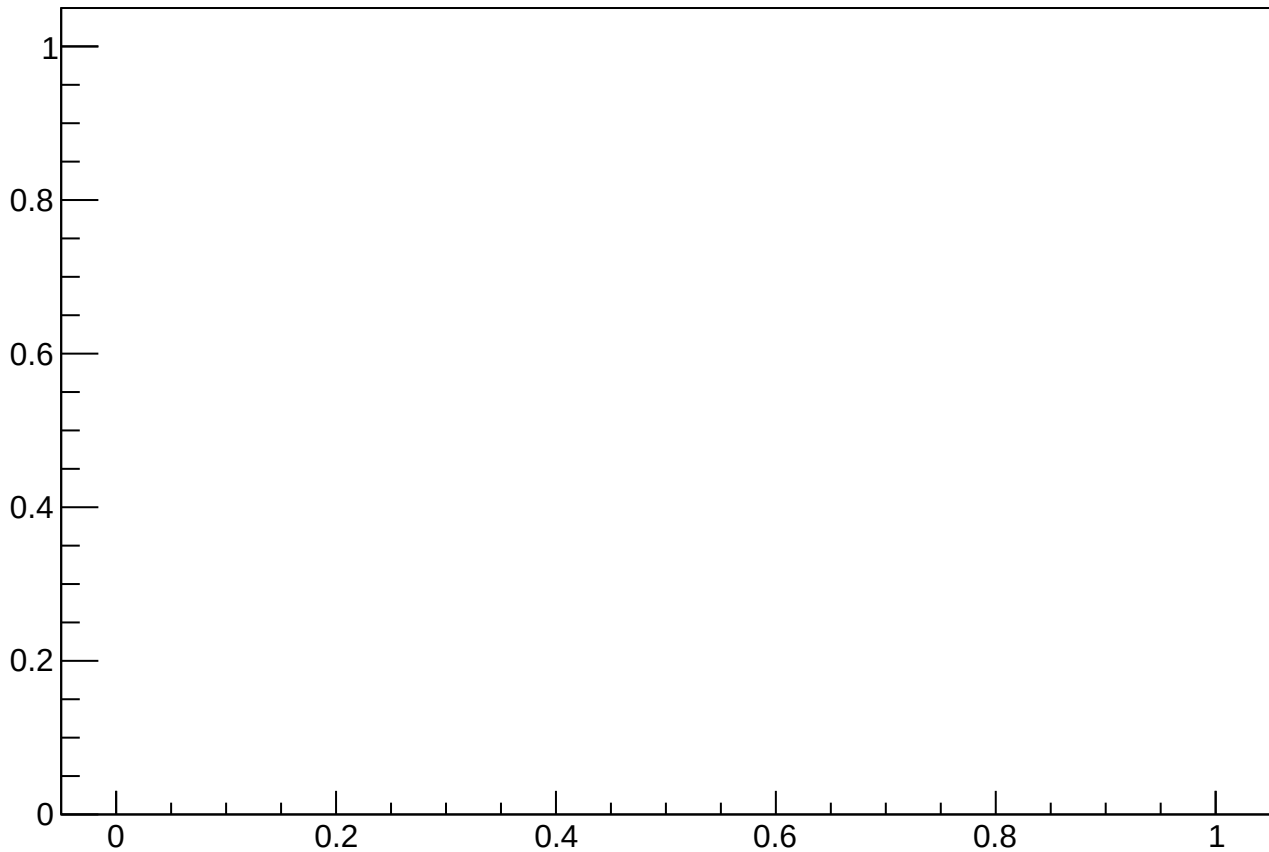
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

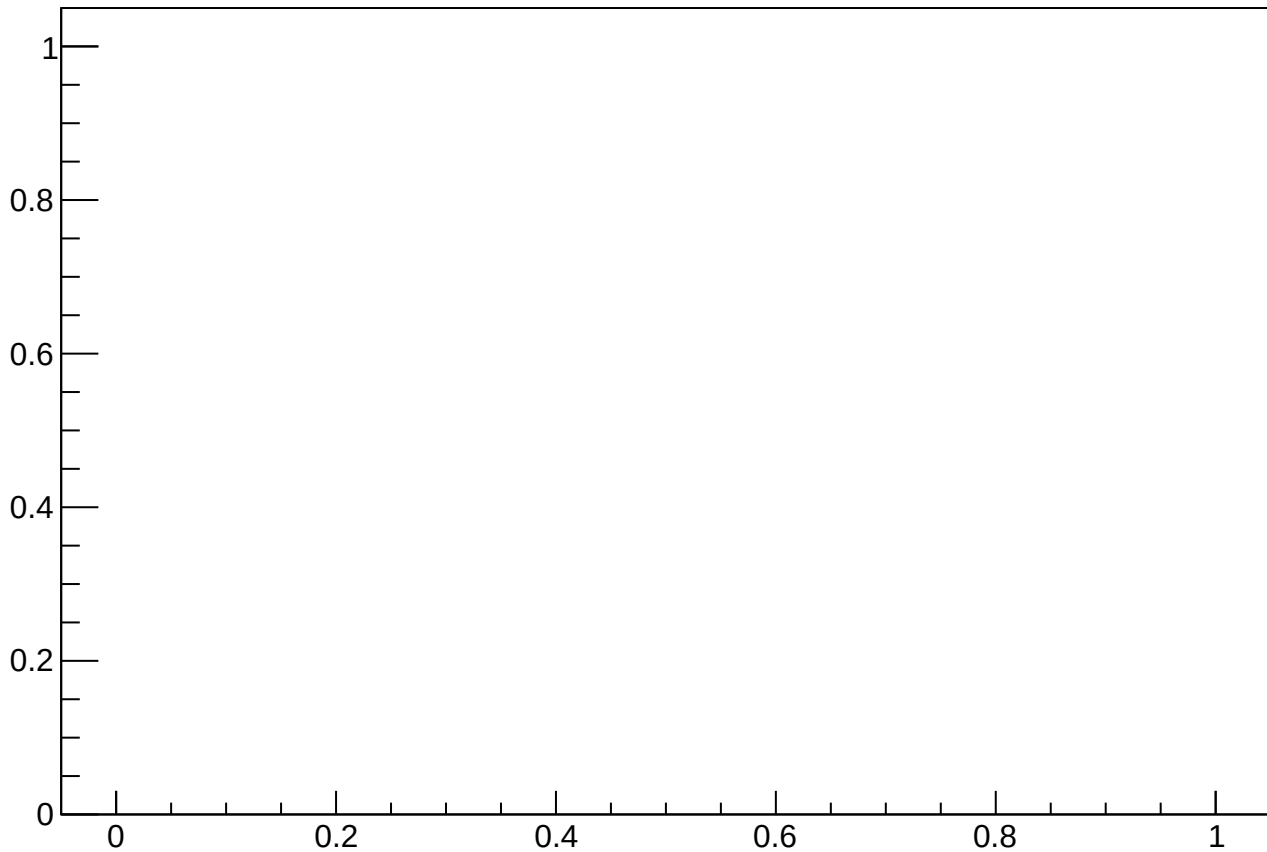
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

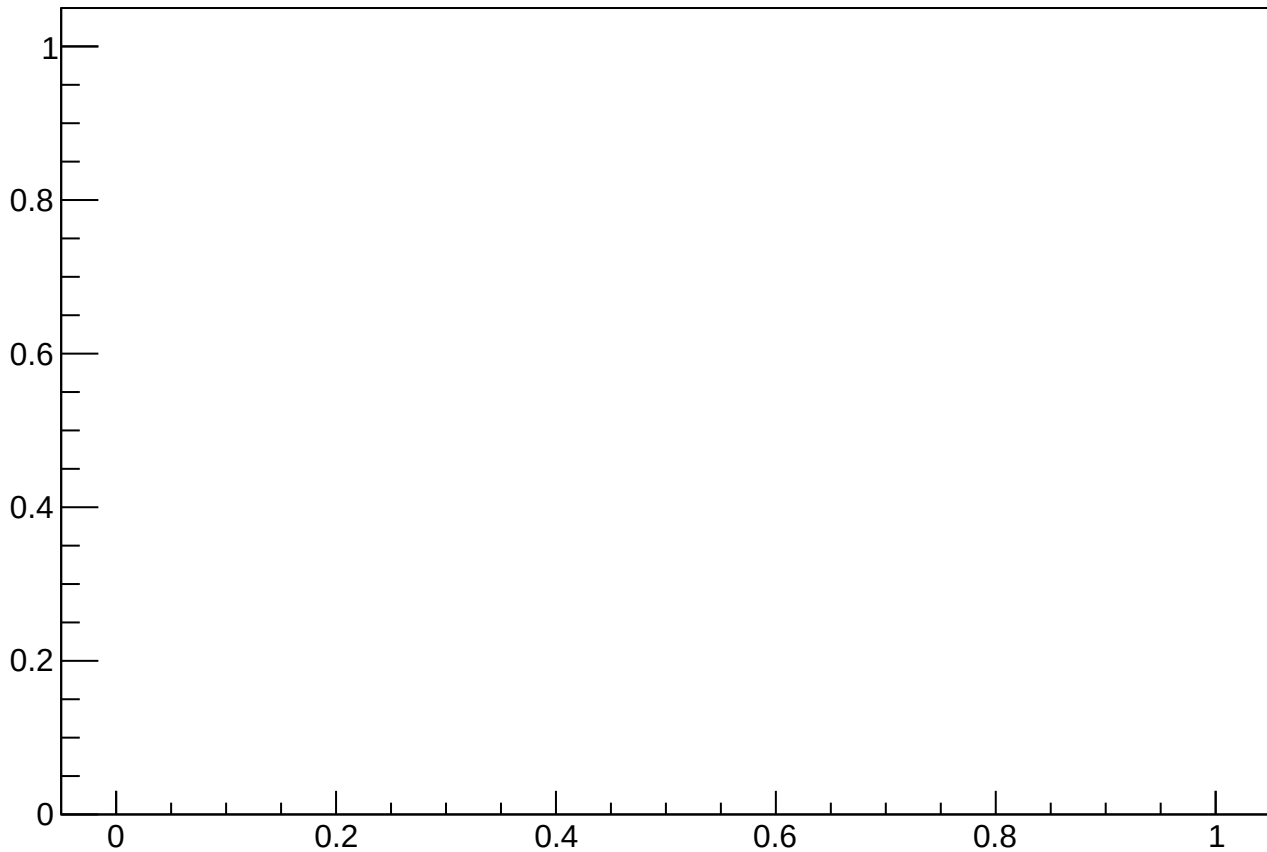
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

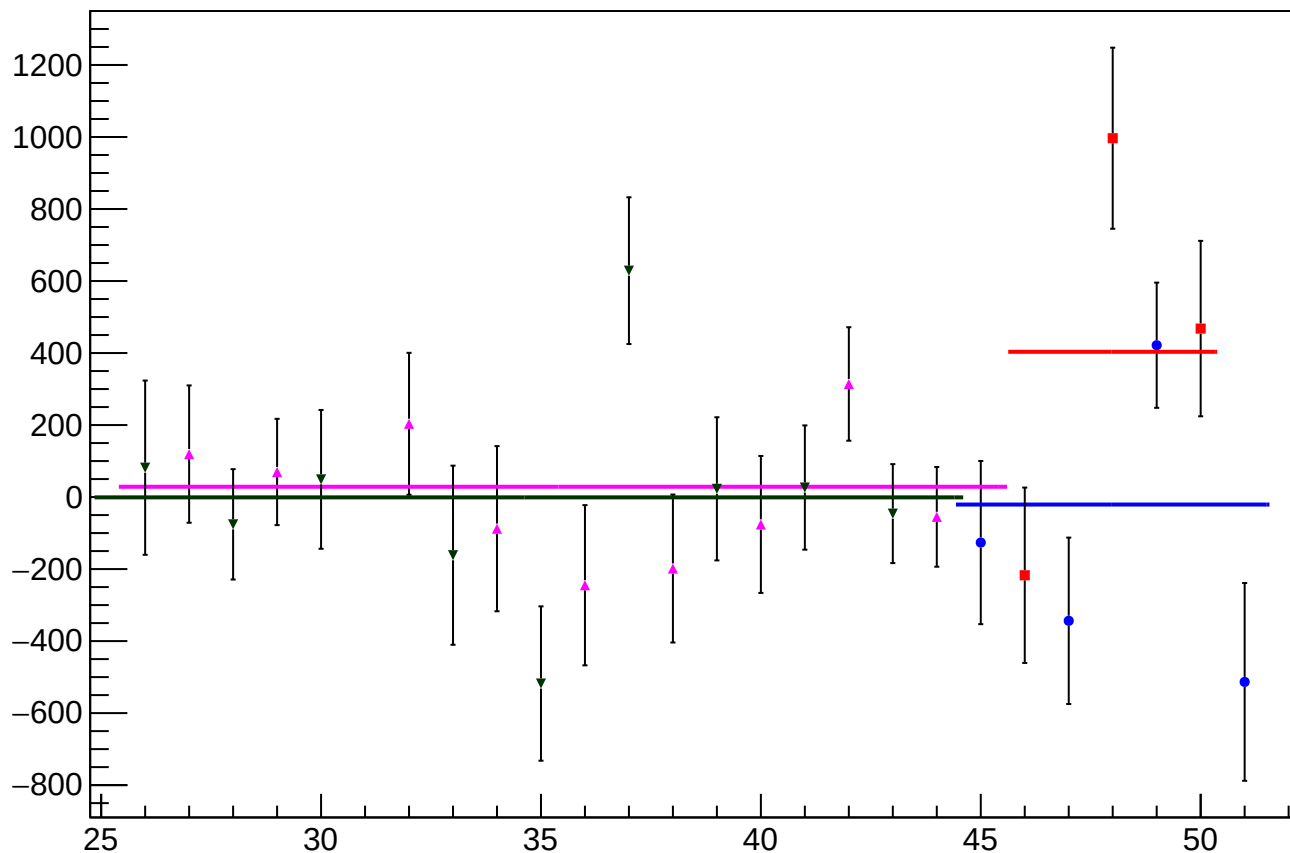
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -20.767 ± 108.769 χ^2/NDF : 11.9/3

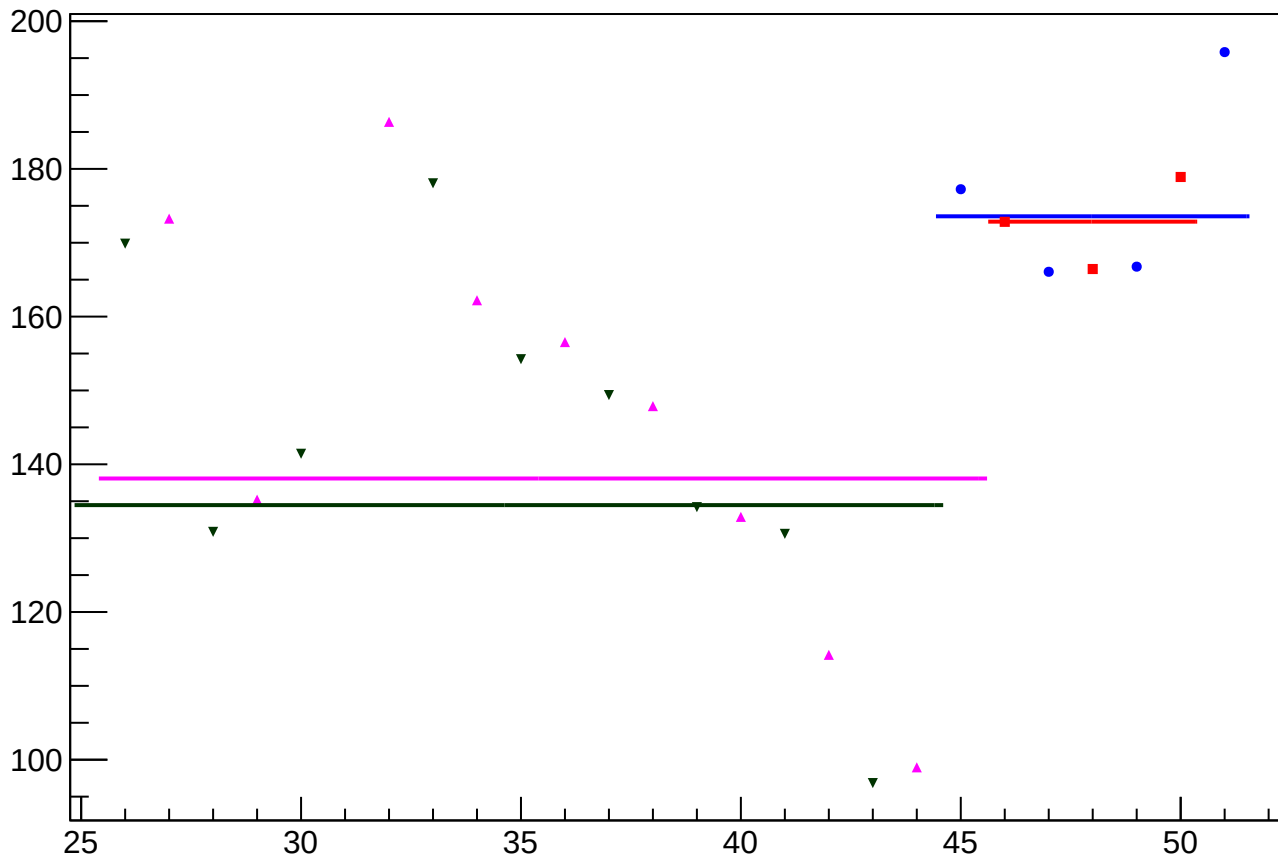
Left Out: -0.841 ± 61.970 χ^2/NDF : 16.4/8

Right Out: 403.436 ± 142.102 χ^2/NDF : 12.1/2

Left In: 28.630 ± 59.539 χ^2/NDF : 8.0/8

38.550 ± 38.446 χ^2/NDF : 55.7/24

reg_asym_sam_15_avg_rms vs slug



Right In: 173.580 $\pm$ 0.077 χ^2 /NDF: 18819.1/3

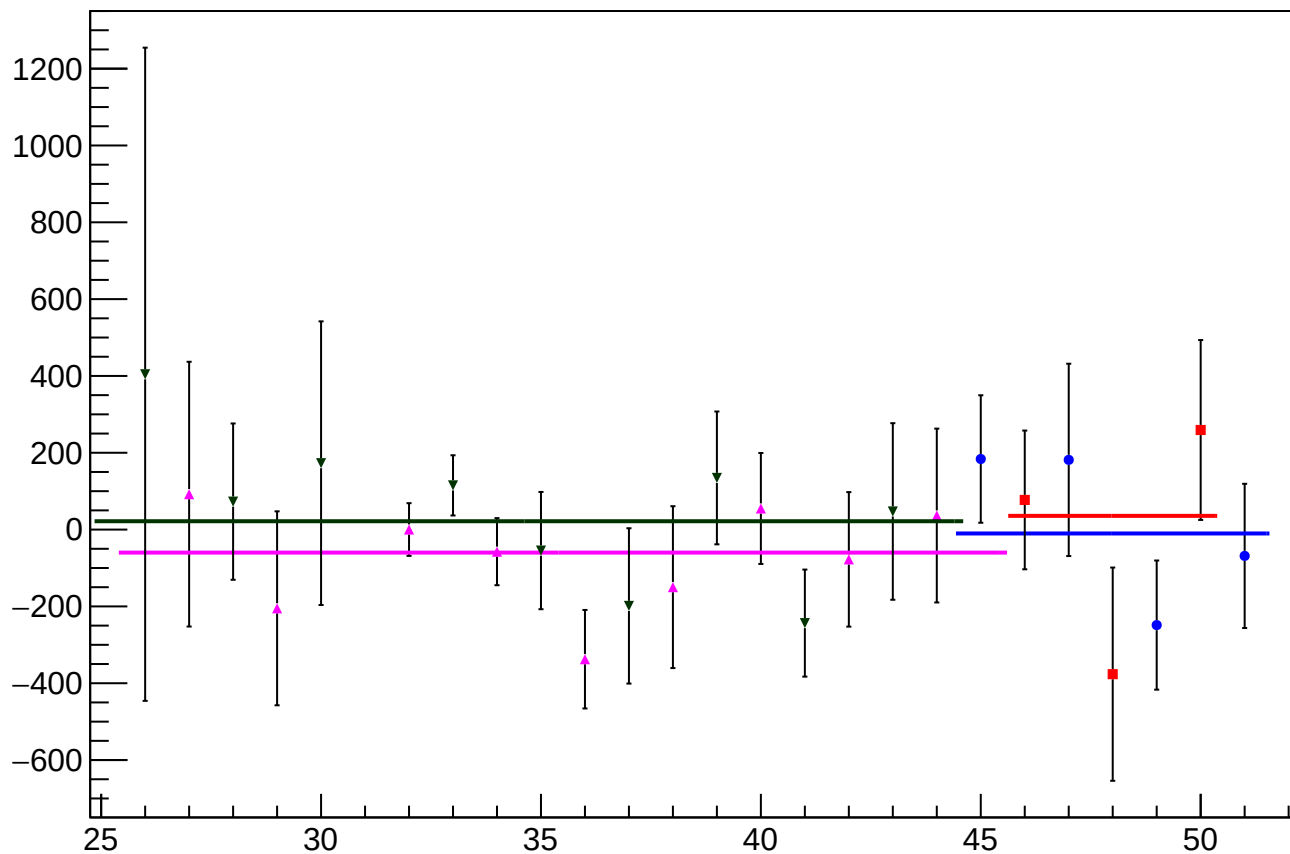
Left Out: 134.474 $\pm$ 0.044 χ^2 /NDF: 286634.1/8

Right Out: 172.858 $\pm$ 0.100 χ^2 /NDF: 2533.7/2

Left In: 138.078 $\pm$ 0.042 χ^2 /NDF: 436286.0/8

143.672 $\pm$ 0.027 χ^2 /NDF: 1041571.3/24

asym_sam_15_avg_correction_mean vs slug



Right In: -10.101 $\pm$ 92.836 χ^2/NDF : 4.1/3

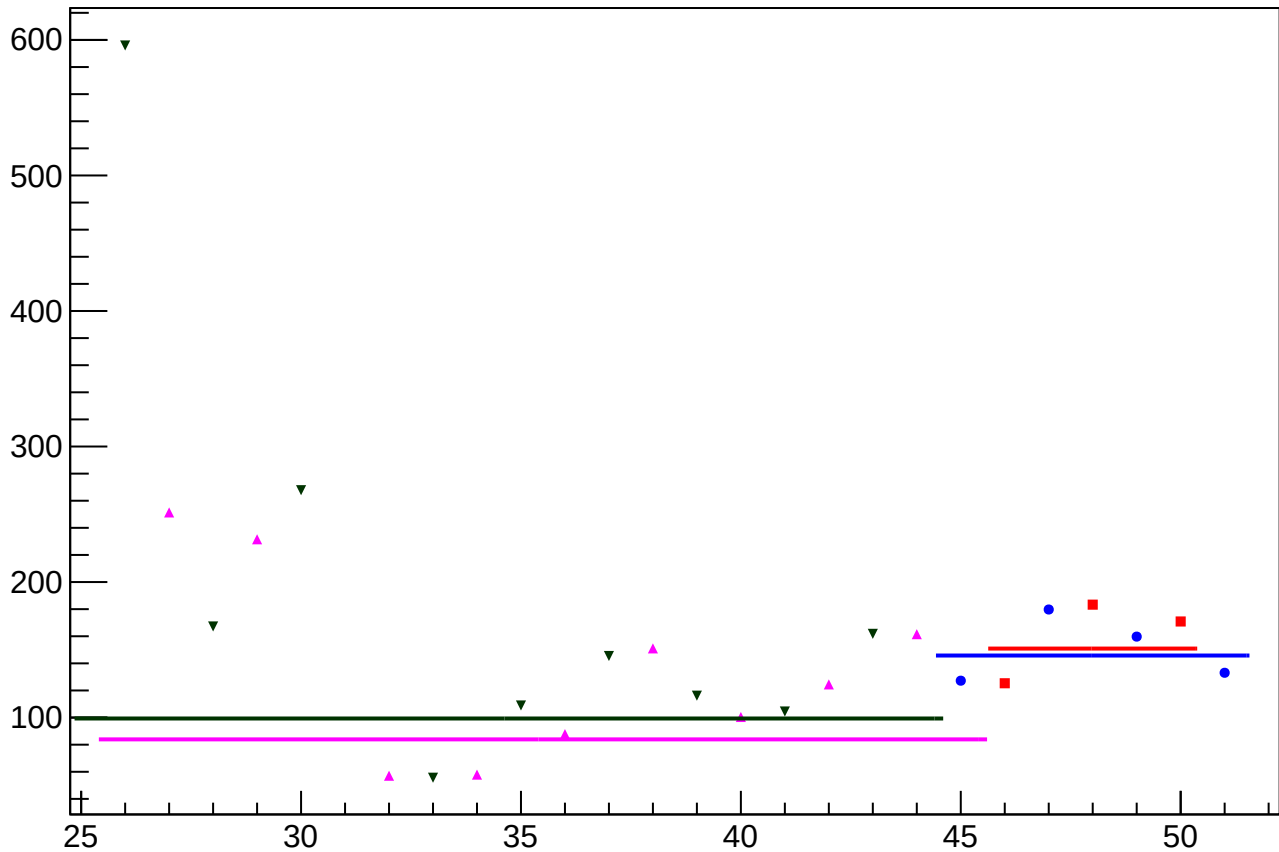
Left Out: 21.743 $\pm$ 52.206 χ^2/NDF : 7.4/8

Right Out: 35.744 $\pm$ 127.127 χ^2/NDF : 3.2/2

Left In: -59.919 $\pm$ 42.598 χ^2/NDF : 7.0/8

-21.903 $\pm$ 30.207 χ^2/NDF : 23.3/24

asym_sam_15_avg_correction_rms vs slug



Right In: 145.783 ± 0.066 χ^2/NDF : 84793.5/3

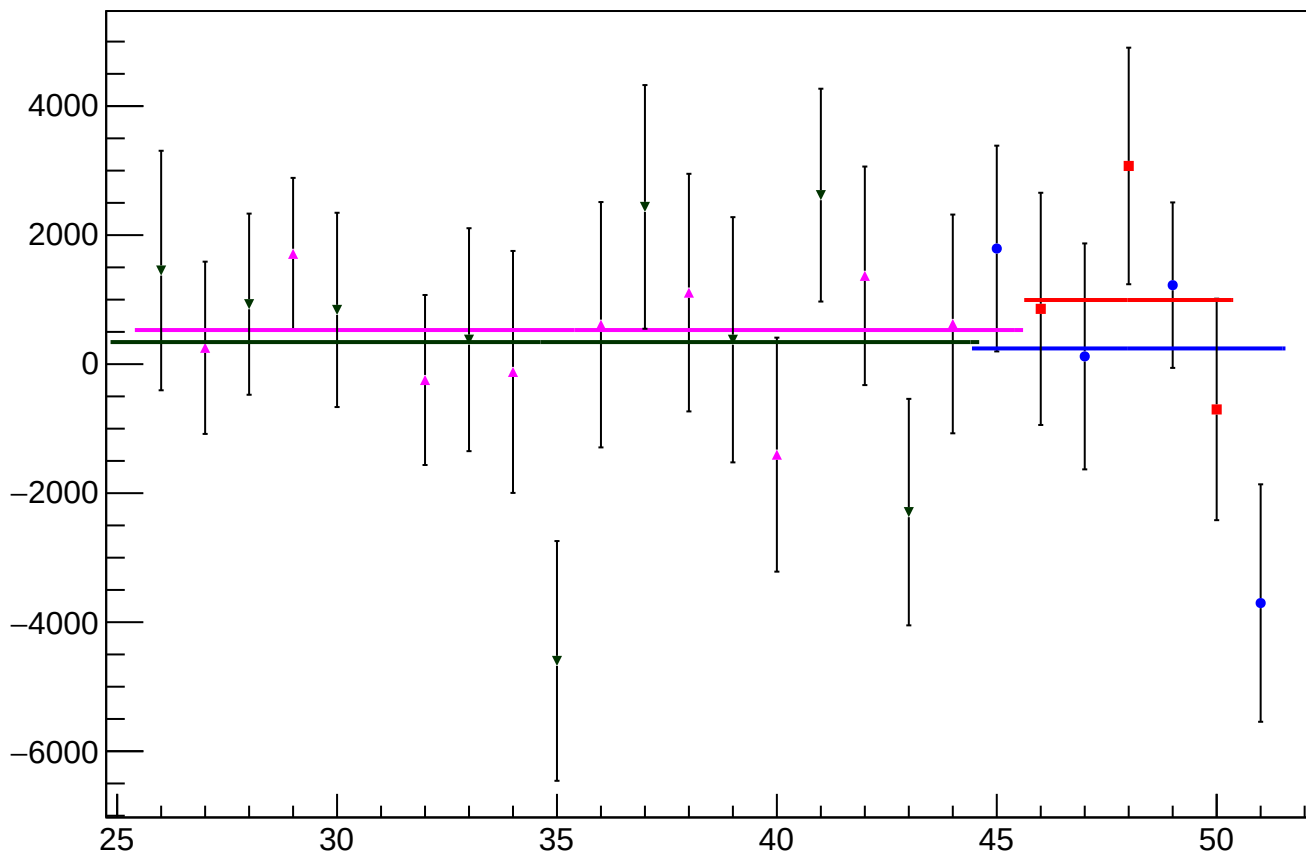
Left Out: 99.318 ± 0.037 χ^2/NDF : 2224371.1/8

Right Out: 150.917 ± 0.090 χ^2/NDF : 81996.2/2

Left In: 83.913 ± 0.030 χ^2/NDF : 2212587.0/8

99.404 ± 0.021 χ^2/NDF : 5695795.9/24

reg_asym_sam_26_avg_mean vs slug



Right In: 243.403 ± 785.090 $\chi^2/\text{NDF}: 6.1/3$

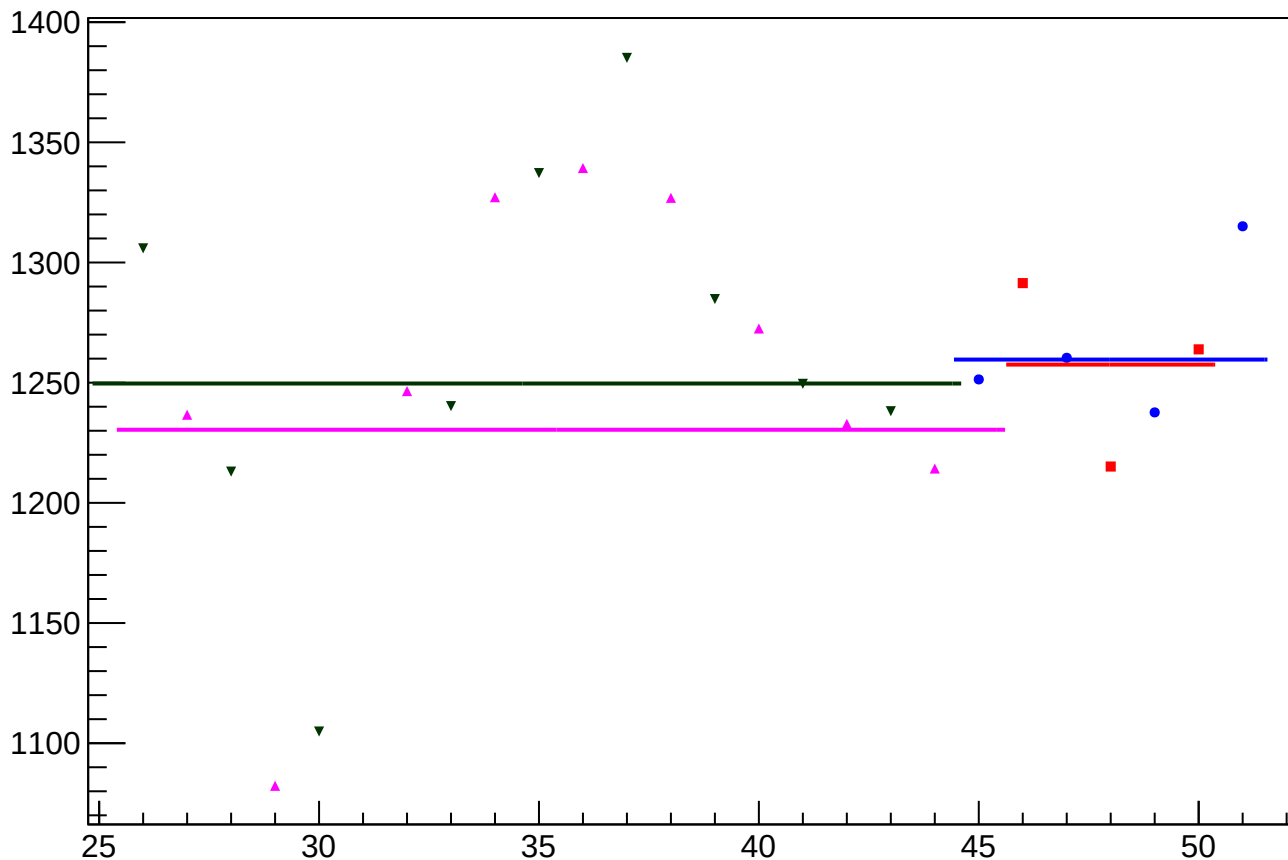
Left Out: 342.094 ± 566.846 $\chi^2/\text{NDF}: 13.1/8$

Right Out: 994.241 ± 1028.387 $\chi^2/\text{NDF}: 2.3/2$

Left In: 528.742 ± 518.835 $\chi^2/\text{NDF}: 3.0/8$

464.488 ± 326.250 $\chi^2/\text{NDF}: 24.9/24$

reg_asym_sam_26_avg_rms vs slug



Right In: 1259.616 $\pm$ 0.555 χ^2 /NDF: 2457.3/3

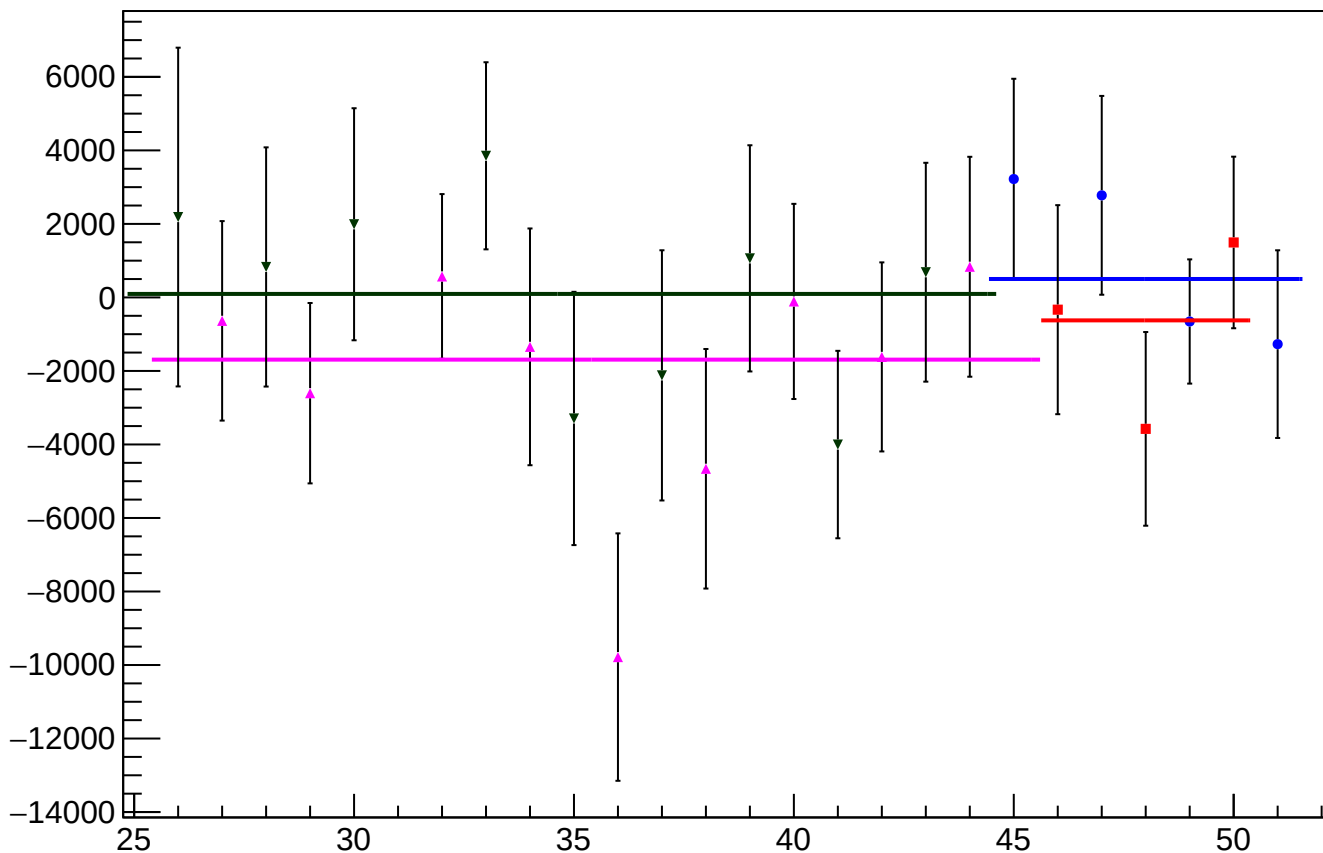
Left Out: 1249.652 $\pm$ 0.401 χ^2 /NDF: 37250.0/8

Right Out: 1257.530 $\pm$ 0.727 χ^2 /NDF: 1807.0/2

Left In: 1230.414 $\pm$ 0.367 χ^2 /NDF: 50656.3/8

1244.559 $\pm$ 0.231 χ^2 /NDF: 94872.4/24

asym_sam_26_avg_correction_mean vs slug



Right In: 501.737 $\pm$ 1136.048 χ^2 /NDF: 2.7/3

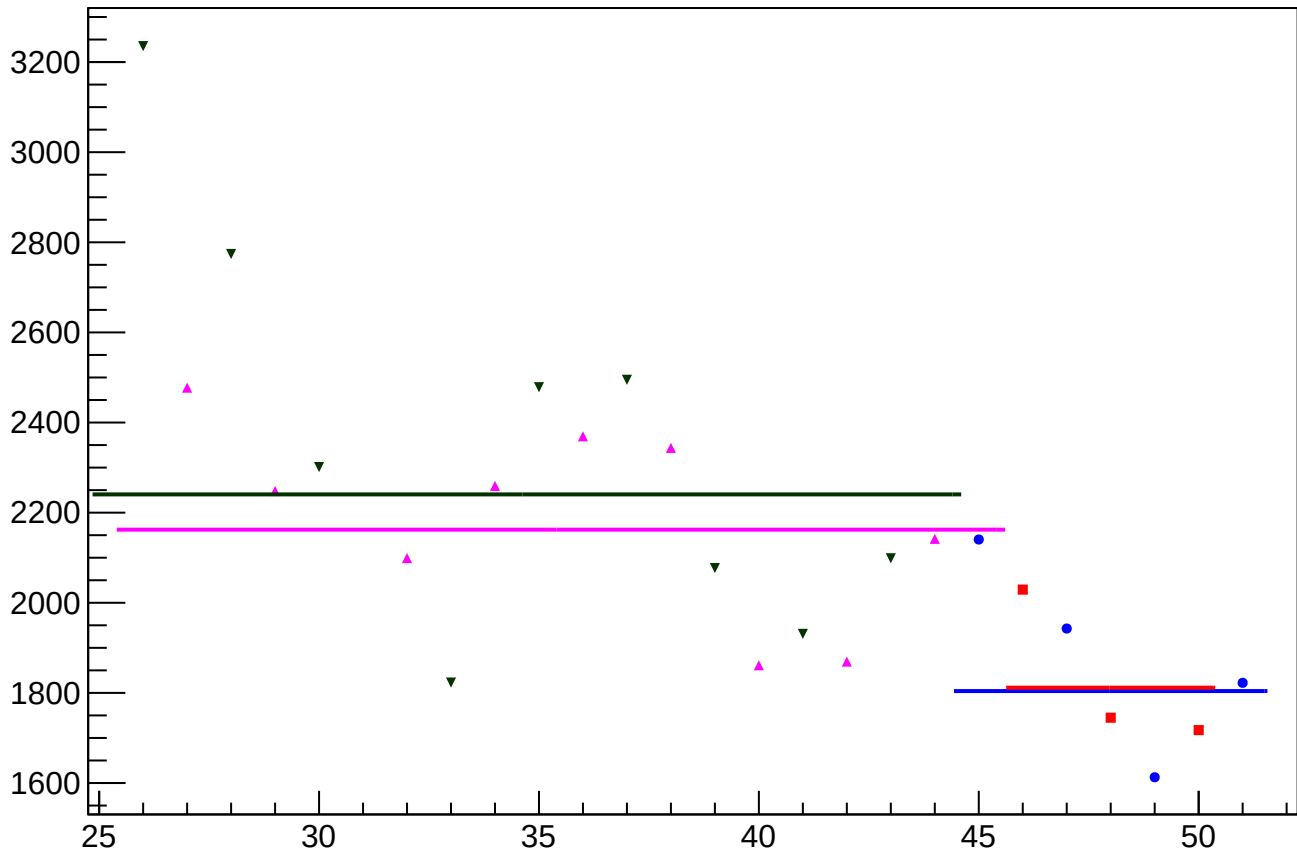
Left Out: 95.135 $\pm$ 1031.834 χ^2 /NDF:6.9/8

-539.872 $\pm$ 546.336 χ^2 /NDF: 23.5/24

Right Out: -624.432 $\pm$ 1488.458 χ^2 /NDF: 2.1/2

Left In: -1692.209 $\pm$ 918.693 χ^2 /NDF:9.0/8

asym_sam_26_avg_correction_rms vs slug



Right In: 1804.089+/-0.803 χ^2/NDF : 61423.4/3

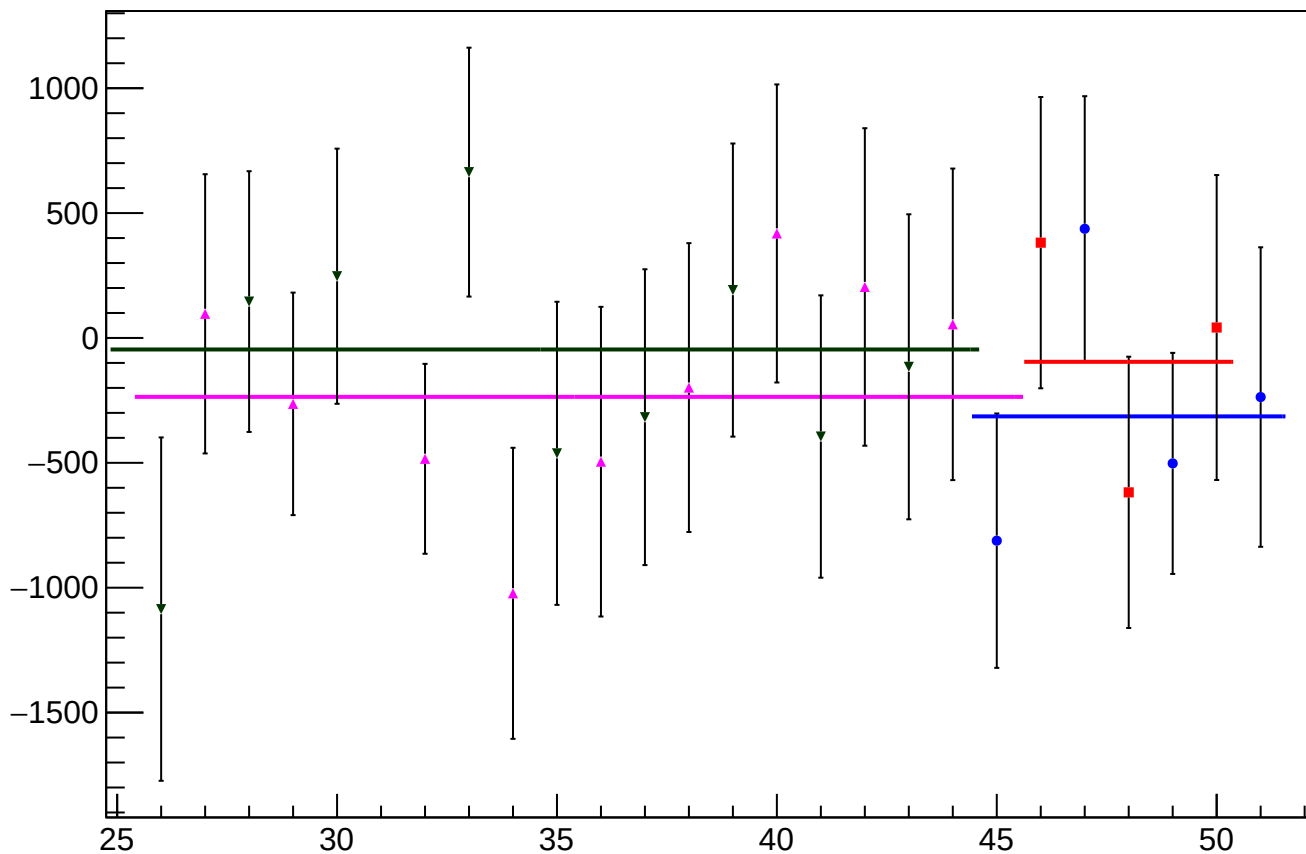
Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

2054.134+/-0.386 χ^2/NDF : 680893.9/24

Right Out: 1811.643+/-1.052 χ^2/NDF : 16251.9/2

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

reg_asym_sam_37_avg_mean vs slug



Right In: -314.054 ± 255.738 $\chi^2/\text{NDF}: 3.2/3$

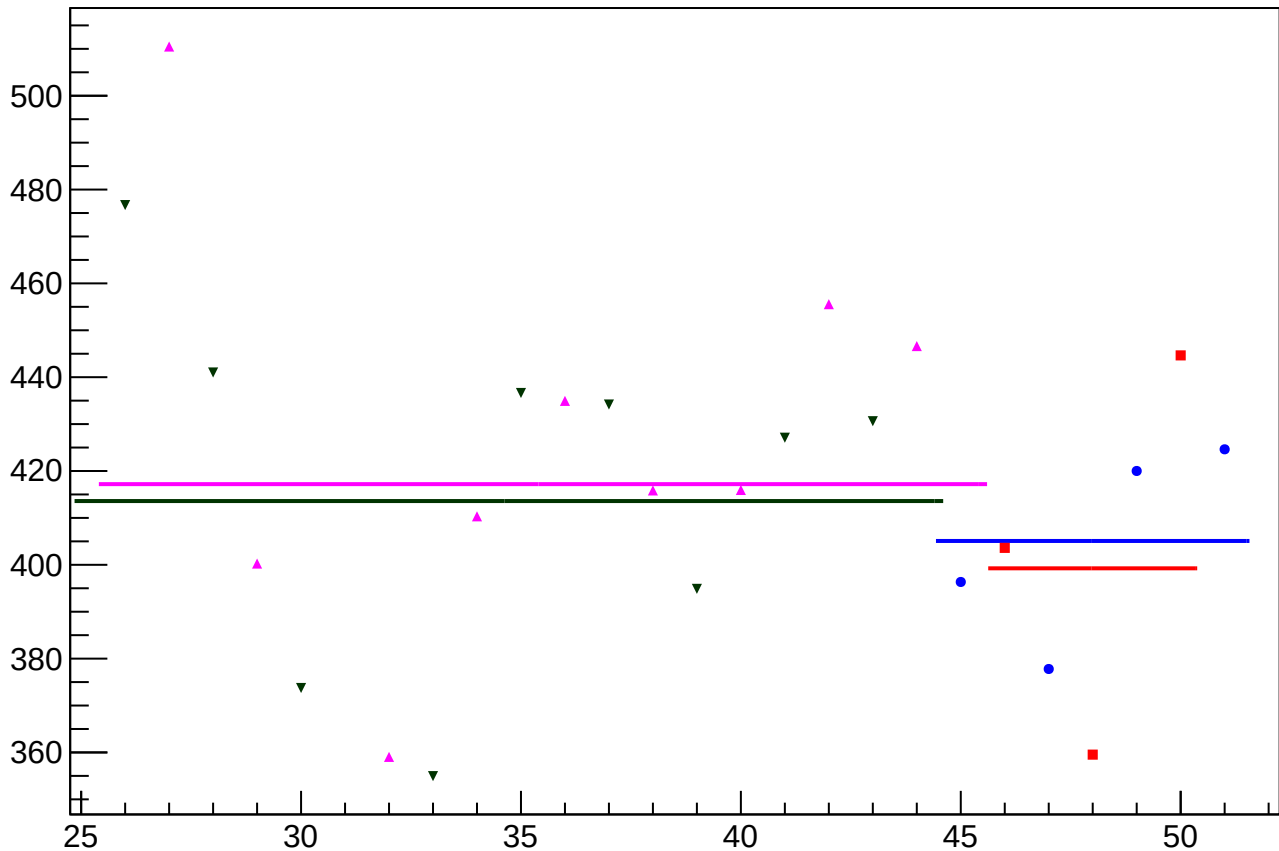
Left Out: -46.161 ± 189.227 $\chi^2/\text{NDF}: 6.0/8$

Right Out: -95.550 ± 333.071 $\chi^2/\text{NDF}: 1.6/2$

Left In: -235.930 ± 178.034 $\chi^2/\text{NDF}: 4.7/8$

-171.827 ± 109.251 $\chi^2/\text{NDF}: 16.4/24$

reg_asym_sam_37_avg_rms vs slug



Right In: 405.085+/-0.181 χ^2/NDF : 10272.4/3

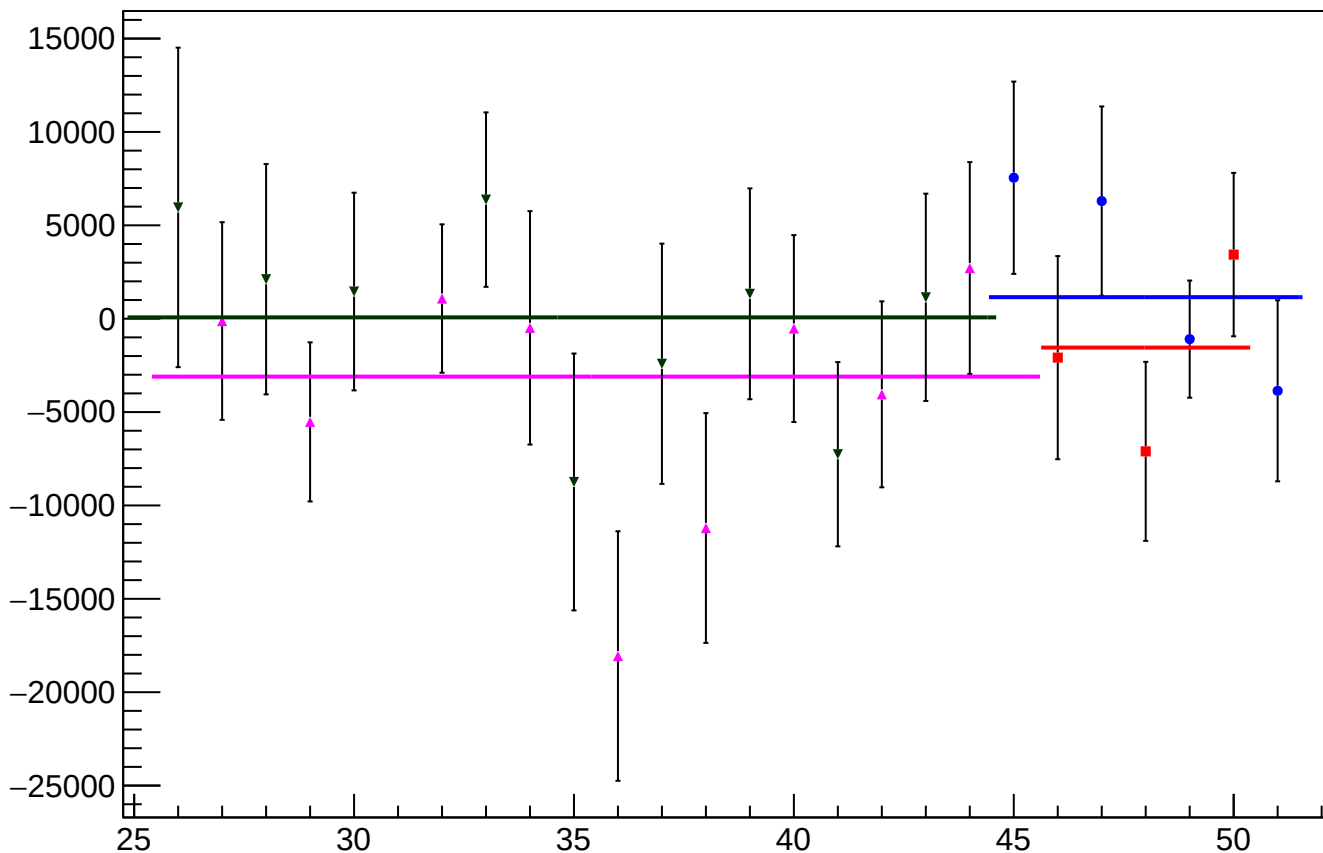
Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

411.856+/-0.077 χ^2/NDF : 229707.0/24

Right Out: 399.251+/-0.236 χ^2/NDF : 21866.4/2

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

asym_sam_37_avg_correction_mean vs slug



Right In: 1153.154 $\pm$ 2128.045 χ^2 /NDF: 4.2/3

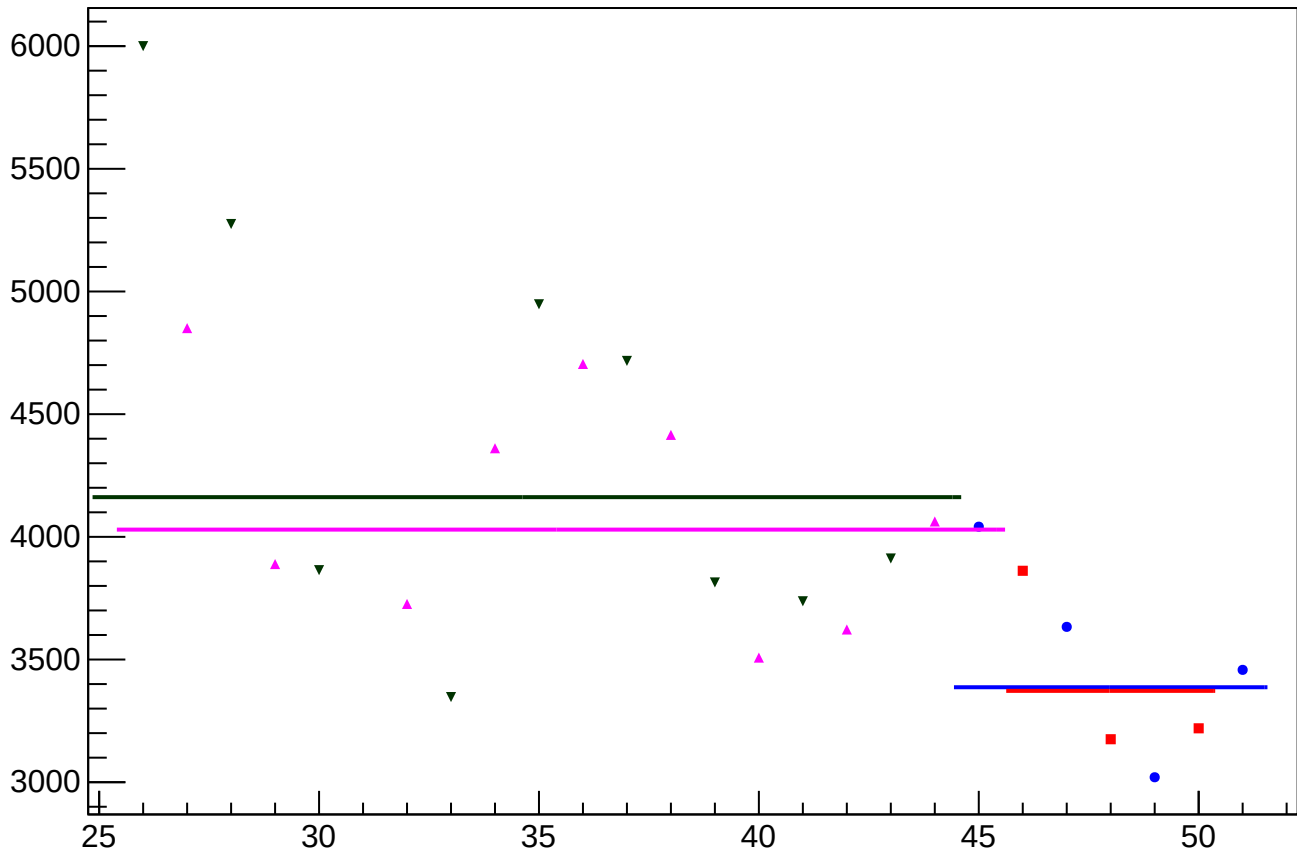
Left Out: 70.645 $\pm$ 1918.480 χ^2 /NDF:6.6/8

-1019.246 $\pm$ -1019.577 χ^2 /NDF: 26.3/24

Right Out: -1546.573 $\pm$ 2778.369 χ^2 /NDF: 2.6/2

Left In: -3100.761 $\pm$ 1715.226 χ^2 /NDF:10.0/8

asym_sam_37_avg_correction_rms vs slug



Right In: 3387.044+/-1.505 χ^2/NDF : 64802.9/3

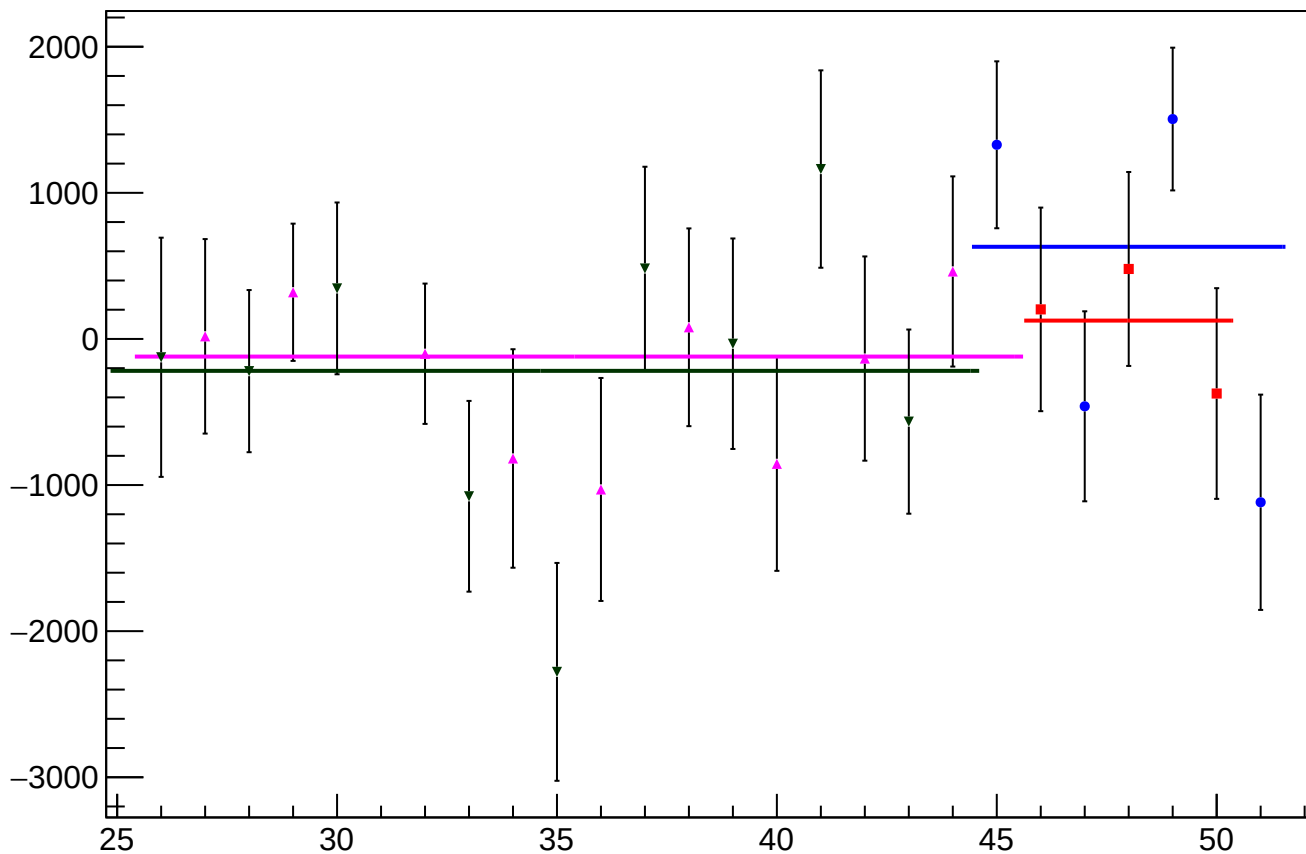
Left Out: 4161.804+/-1.357 χ^2/NDF : 292155.7/8

3830.885+/-0.721 χ^2/NDF : 737844.3/24

Right Out: 3372.250+/-1.965 χ^2/NDF : 22009.7/2

Left In: 4029.509+/-1.213 χ^2/NDF : 131051.5/8

reg_asym_sam_48_avg_mean vs slug



Right In: 630.711 $\pm$ 295.376 χ^2 /NDF: 13.1/3

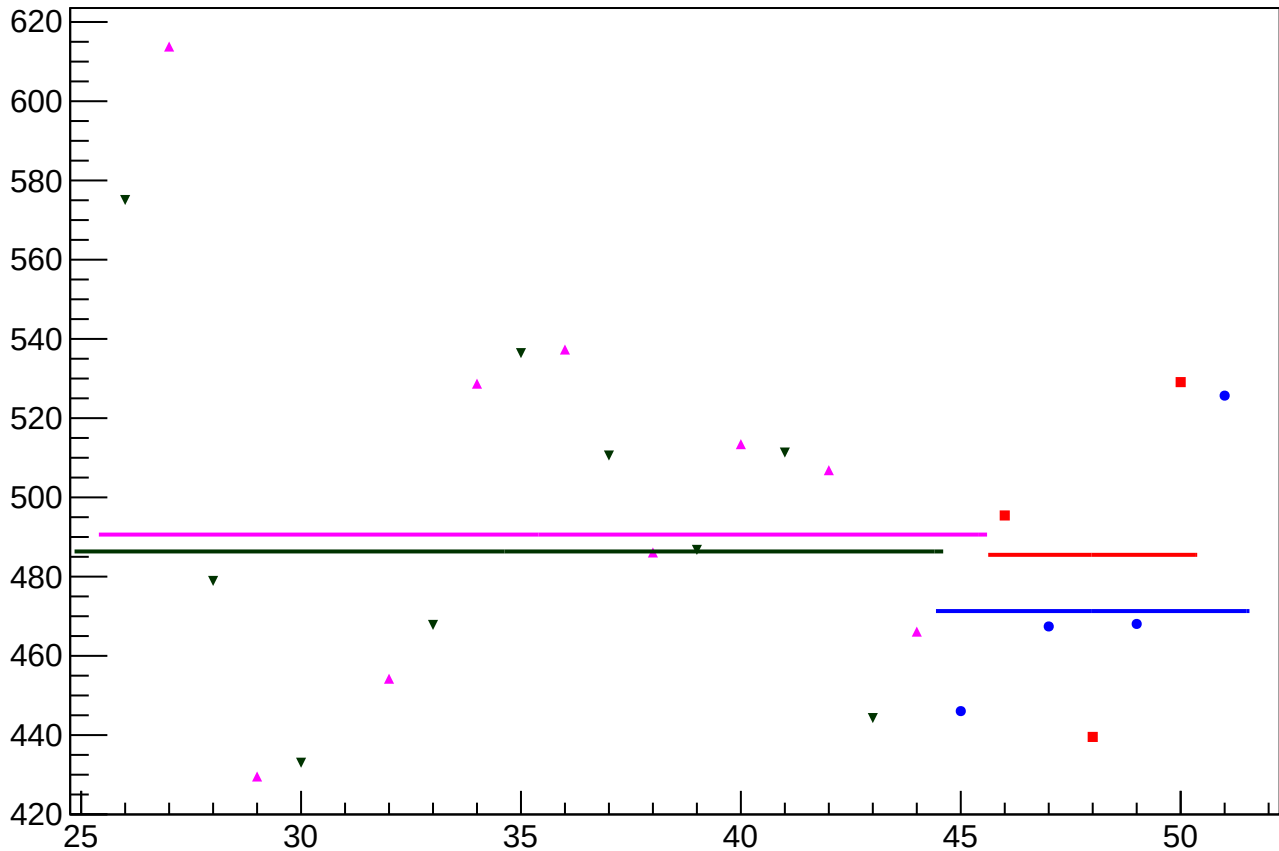
Left Out: -218.435 $\pm$ 220.998 χ^2 /NDF:15.9/8

Right Out: 125.599 $\pm$ 399.881 χ^2 /NDF: 0.8/2

Left In: -120.677 $\pm$ 208.123 χ^2 /NDF:5.1/8

12.338 $\pm$ 127.747 χ^2 /NDF: 40.9/24

reg_asym_sam_48_avg_rms vs slug



Right In: 471.306+/-0.209 χ^2/NDF : 14963.1/3

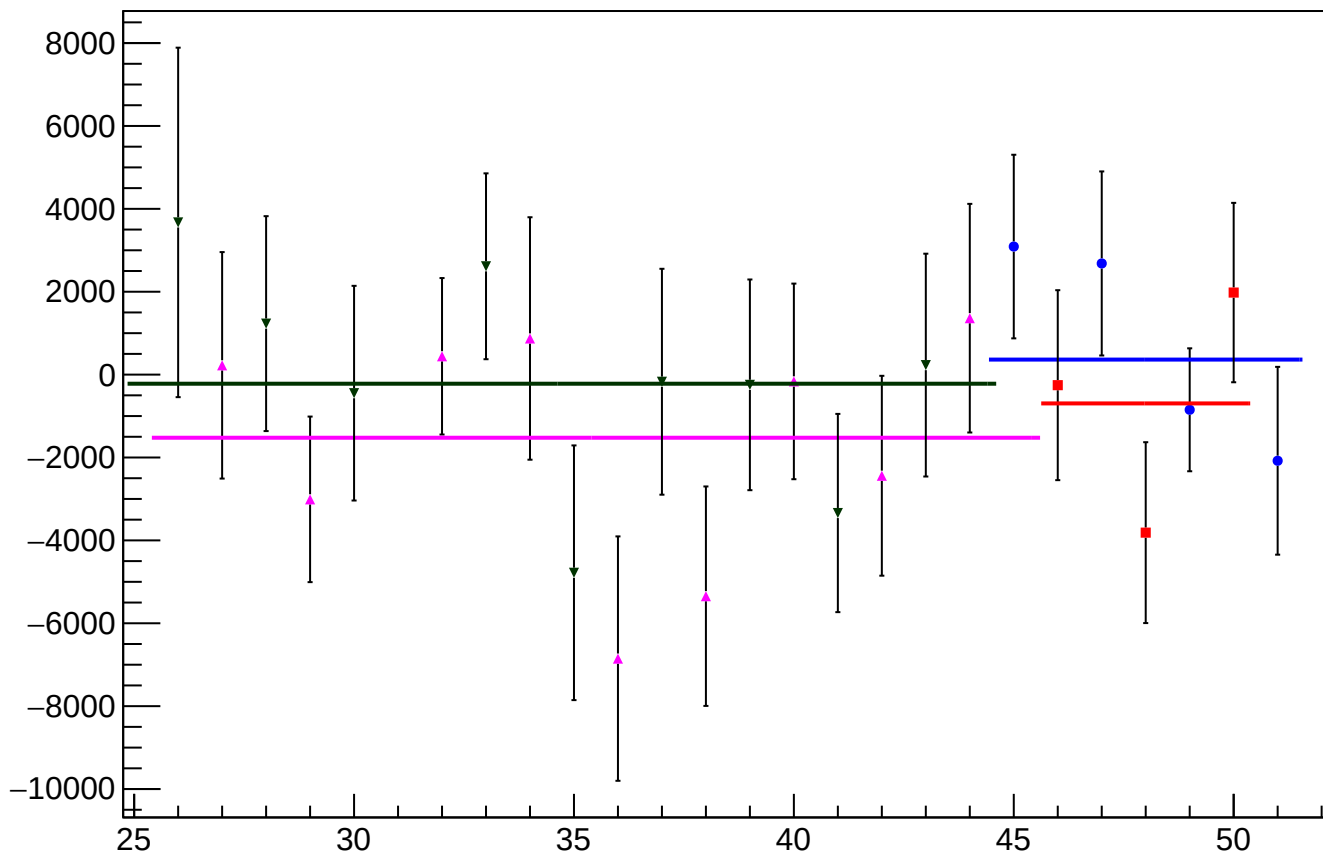
Left Out: 486.351+/-0.156 χ^2/NDF : 64986.4/8

Right Out: 485.499+/-0.283 χ^2/NDF : 17311.1/2

Left In: 490.611+/-0.147 χ^2/NDF : 132414.1/8

485.055+/-0.090 χ^2/NDF : 235504.8/24

asym_sam_48_avg_correction_mean vs slug



Right In: 362.662+/-973.166 χ^2/NDF : 4.4/3

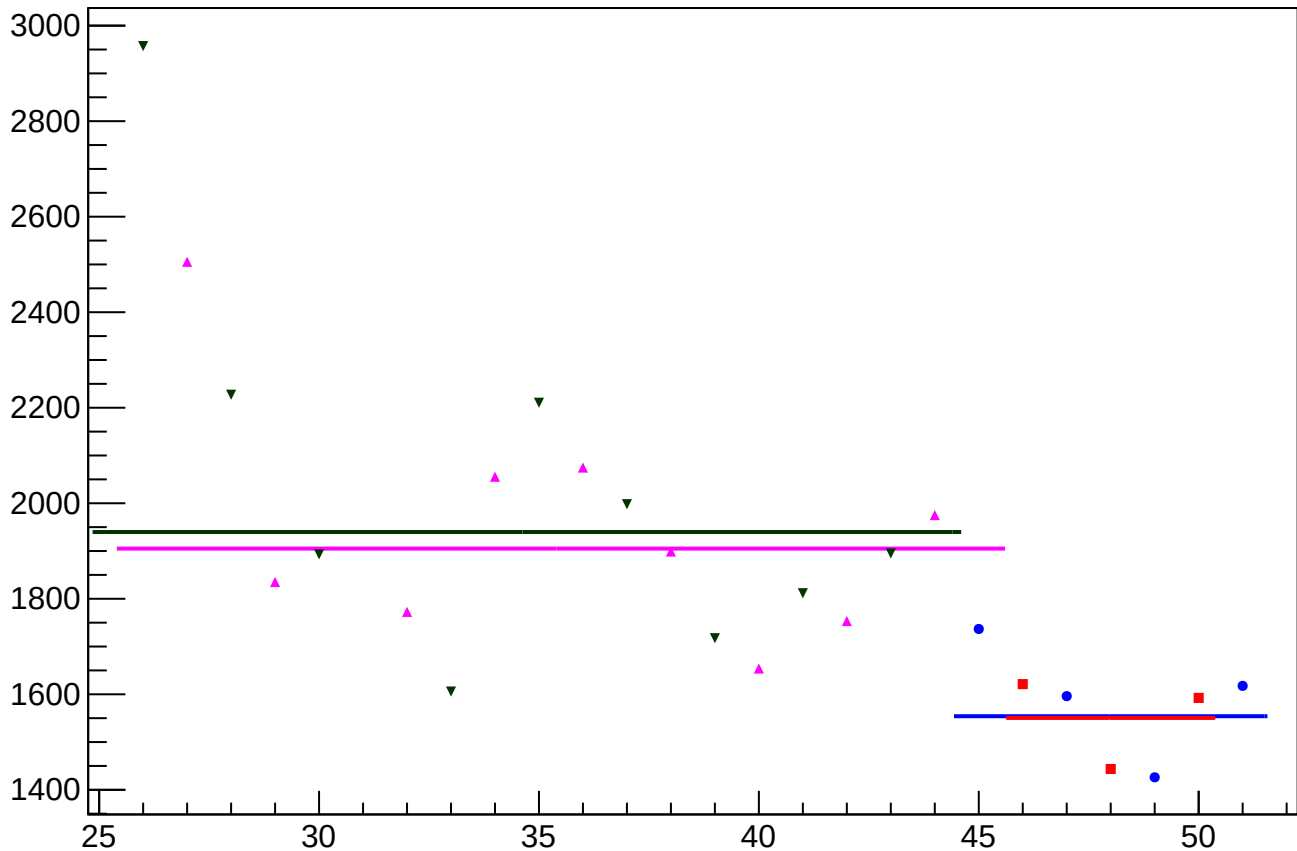
Left Out: -219.615+/-890.368 χ^2/NDF : 6.7/8

Right Out: -695.010+/-1276.356 χ^2/NDF : 3.6/2

Left In: -1523.165+/-810.399 χ^2/NDF : 9.6/8

-592.742+/-473.842 χ^2/NDF : 26.8/24

asym_sam_48_avg_correction_rms vs slug



Right In: 1554.104+/-0.688 χ^2/NDF : 30753.6/3

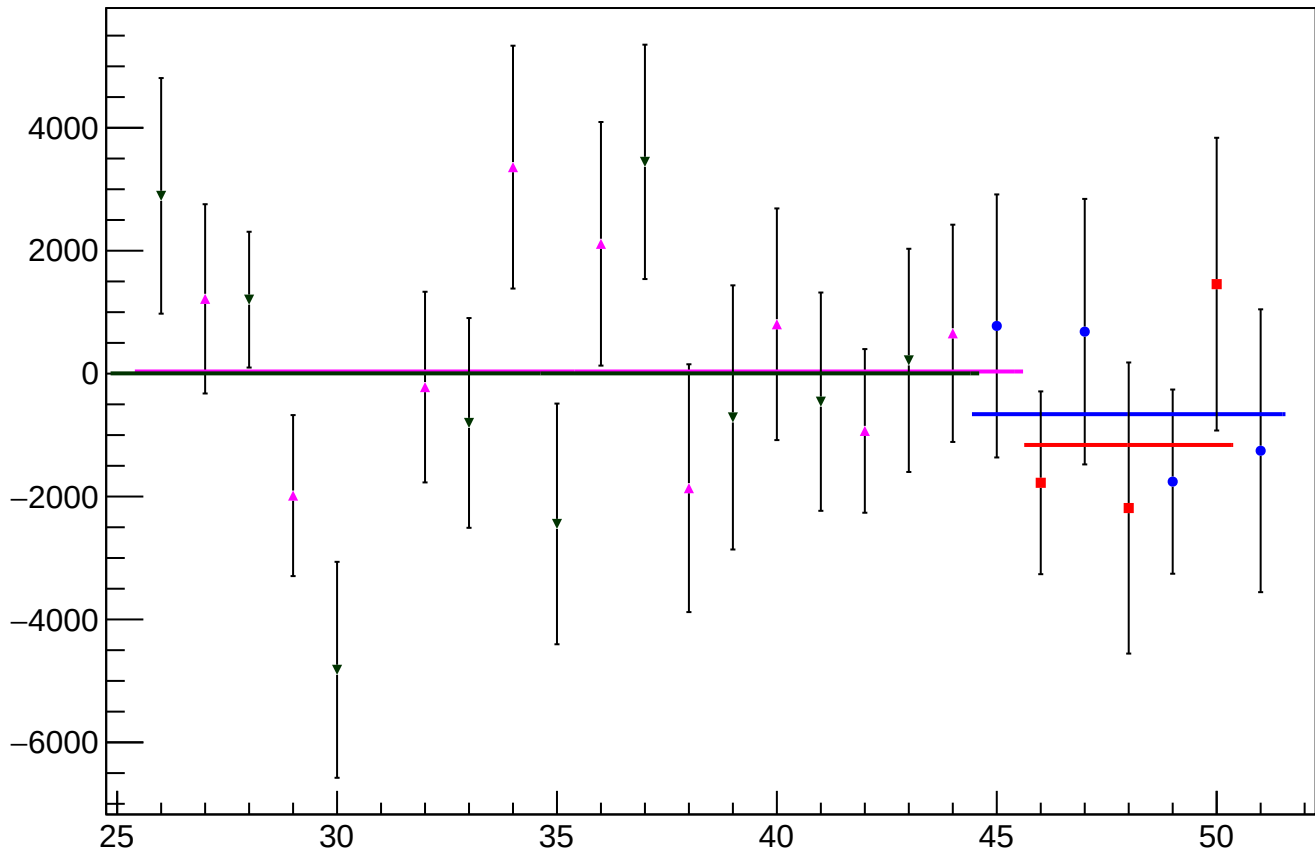
Left Out: 1939.826+/-0.630 χ^2/NDF :224098.1/8

Right Out: 1550.506+/-0.903 χ^2/NDF : 7455.1/2

Left In: 1905.071+/-0.573 χ^2/NDF :152641.8/8

1782.840+/-0.335 χ^2/NDF : 699381.9/24

asym_sam_15_dd_mean vs slug



Right In: -659.749 +/- 968.214 χ^2/NDF : 1.4/3

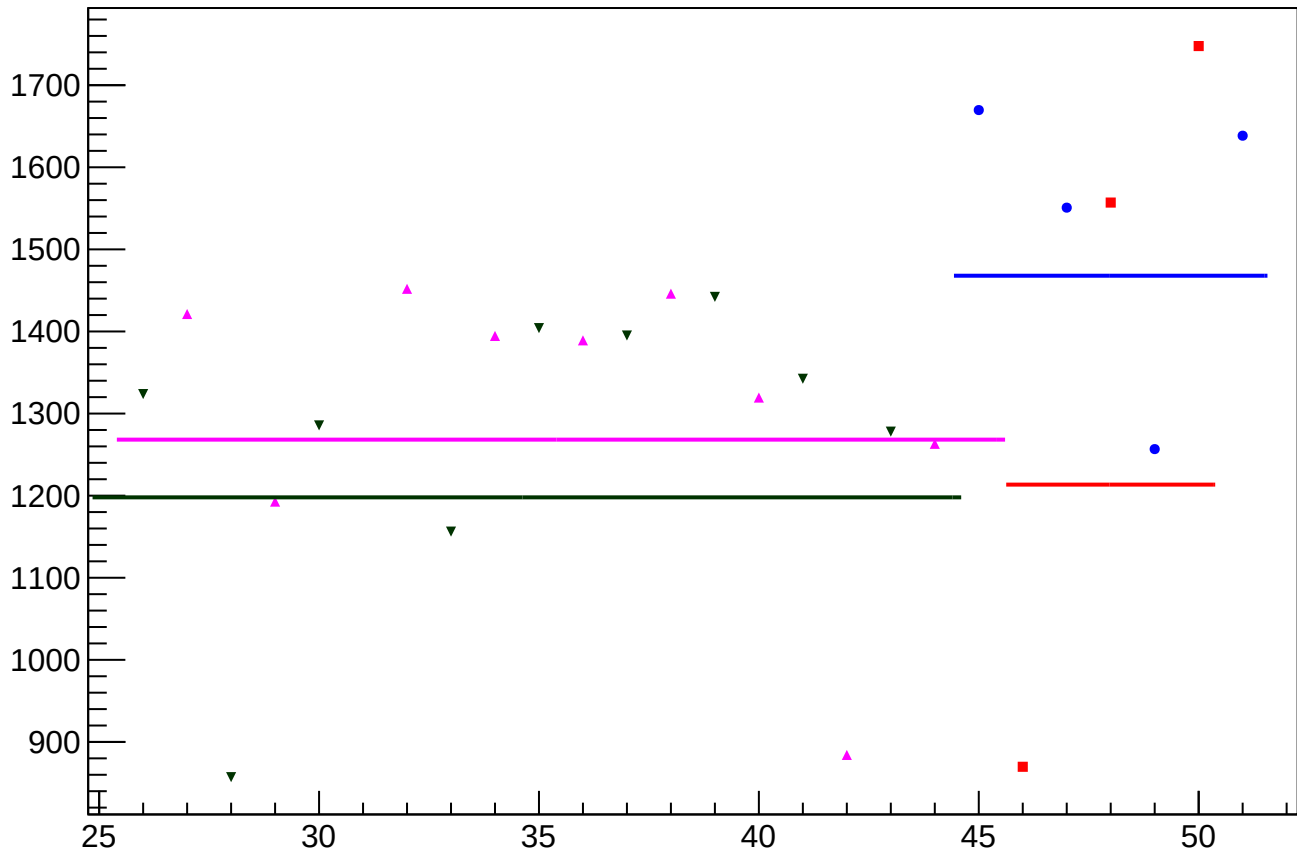
Left Out: 4.096 +/- 565.128 χ^2/NDF : 16.2/8

-181.106 +/- 346.127 χ^2/NDF : 29.1/24

Right Out: -1160.753 +/- 1113.313 χ^2/NDF : 1.6/2

Left In: 34.637 +/- 546.991 χ^2/NDF : 8.6/8

asym_sam_15_dd_rms vs slug



Right In: 1467.912+/-0.685 χ^2/NDF : 71435.1/3

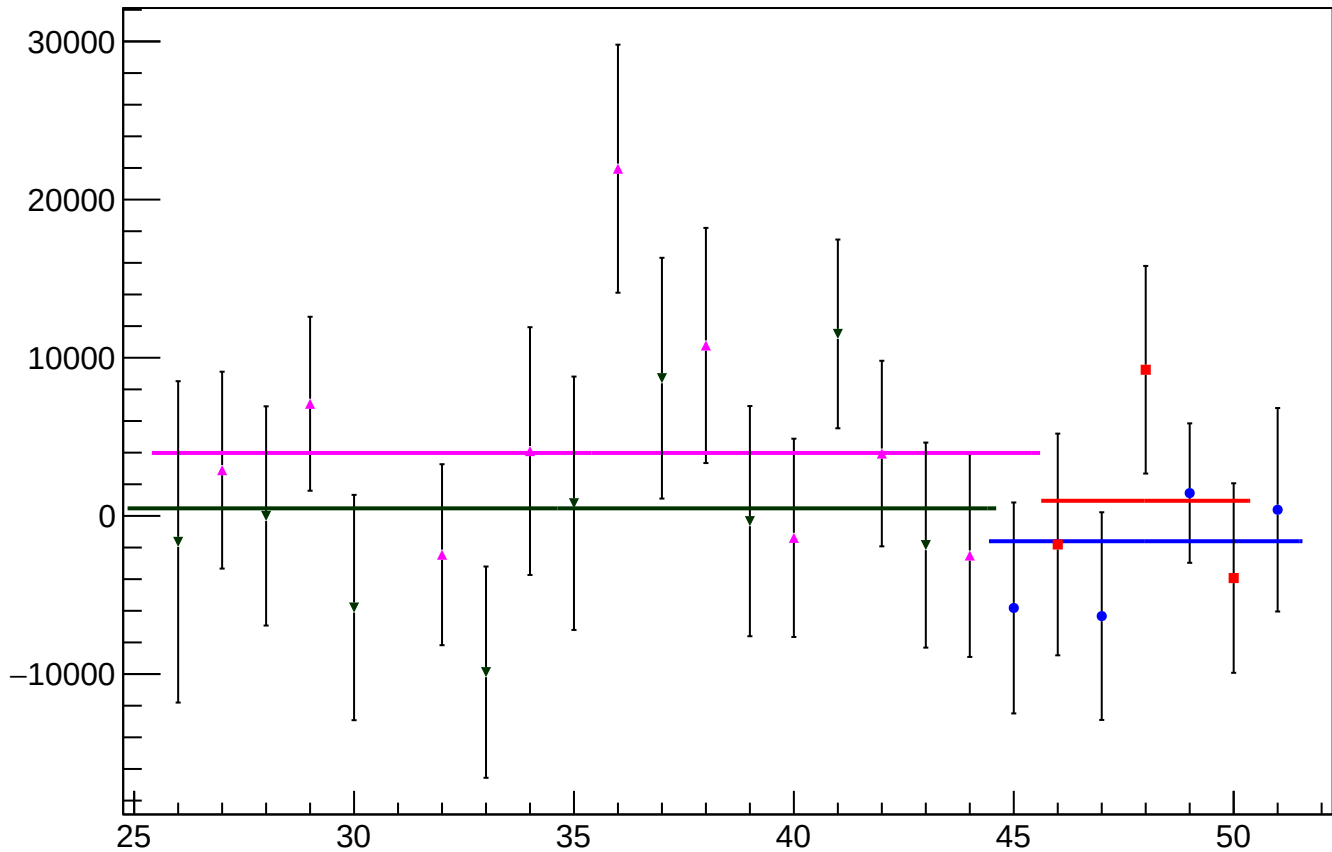
Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

1262.088+/-0.245 χ^2/NDF : 986344.0/24

Right Out: 1213.452+/-0.787 χ^2/NDF : 249562.3/2

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

asym_sam_26_dd_mean vs slug



Right In: -1601.091+/-2871.248 χ^2/NDF : 1.5/3

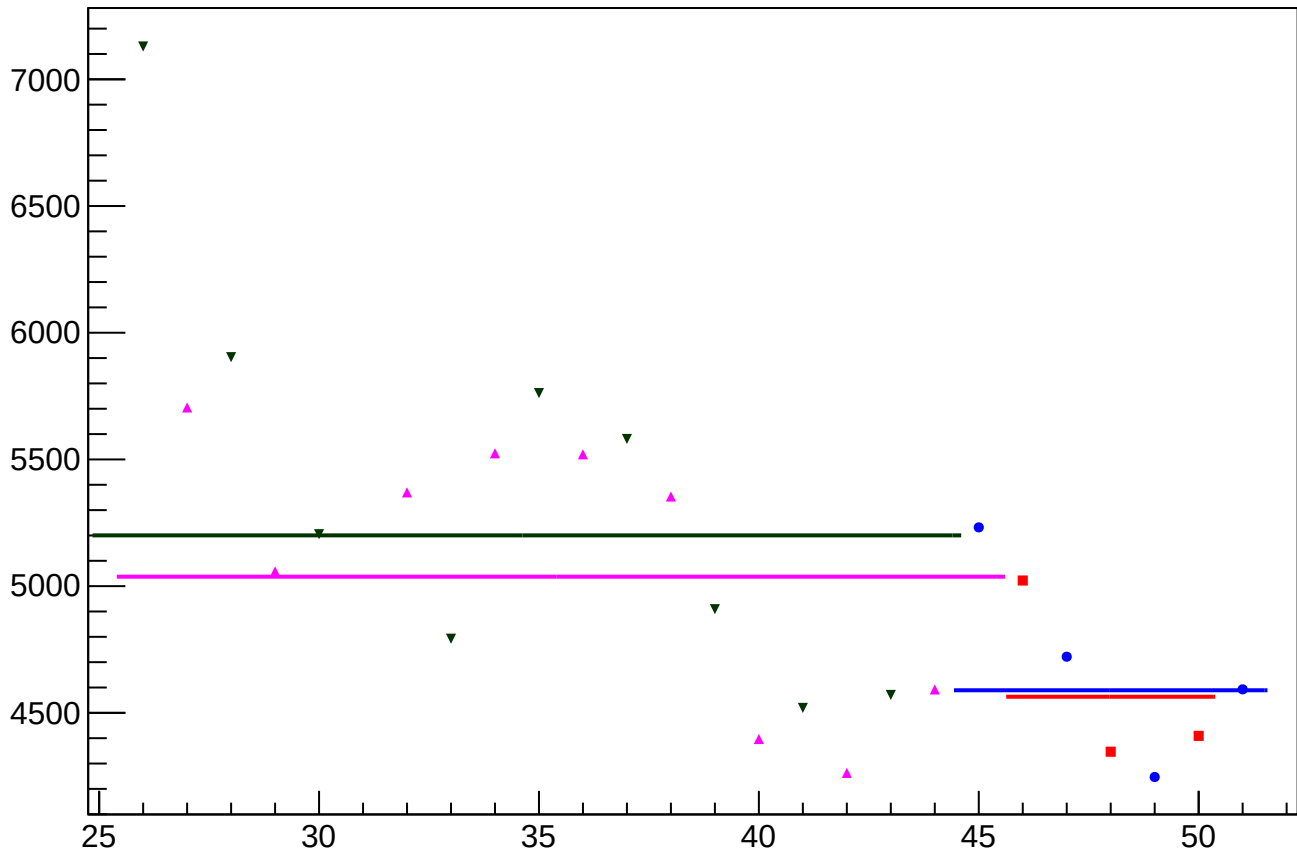
Left Out: 477.708+/-2382.052 χ^2/NDF : 8.0/8

1411.347+/-1304.243 χ^2/NDF : 24.0/24

Right Out: 955.911+/-3741.793 χ^2/NDF : 2.4/2

Left In: 3980.767+/-2137.297 χ^2/NDF : 9.5/8

asym_sam_26_dd_rms vs slug



Right In: 4589.122+/-2.030 χ^2/NDF : 31450.5/3

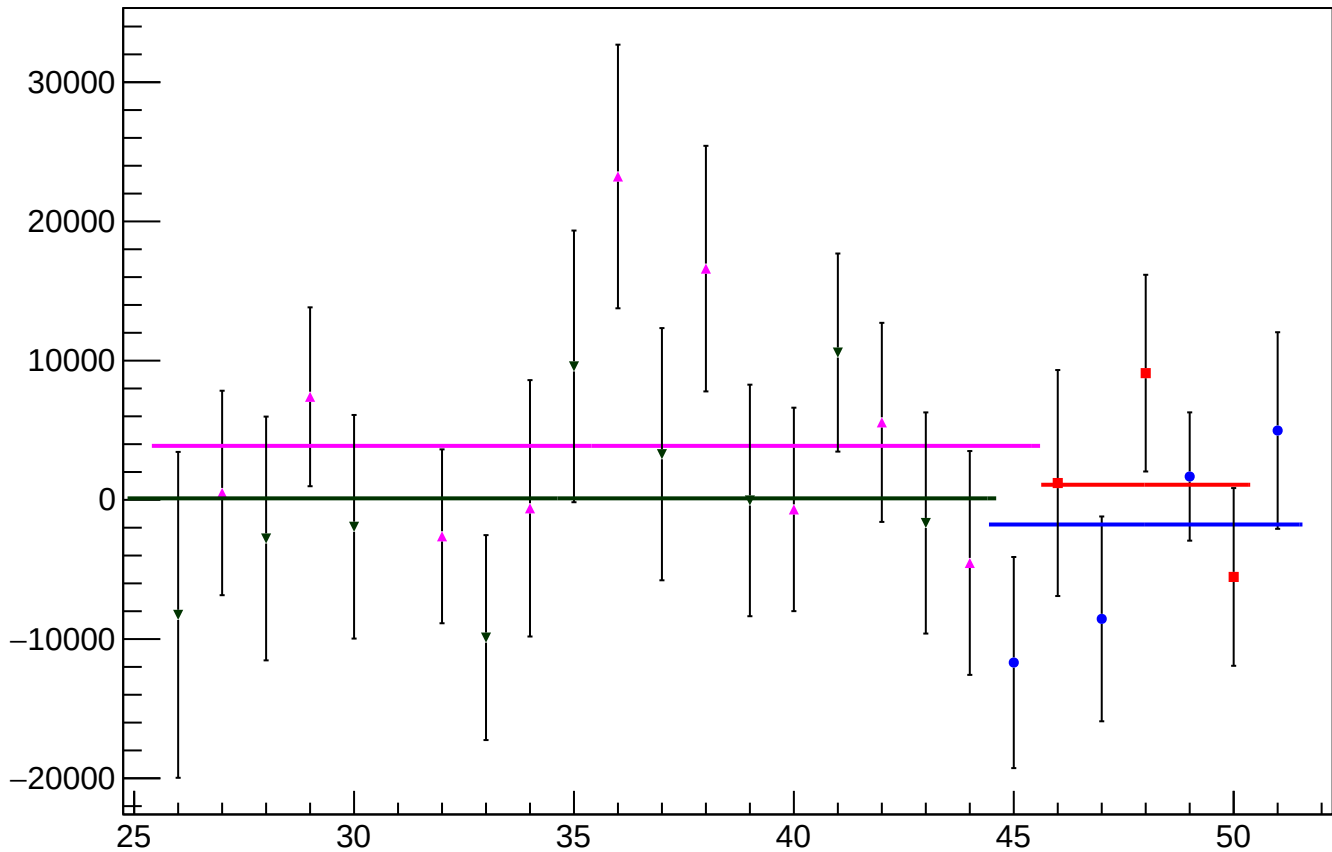
Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

4936.155+/-0.922 χ^2/NDF : 398837.7/24

Right Out: 4563.613+/-2.646 χ^2/NDF : 12075.6/2

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -1770.766 $\pm$ 3115.434 χ^2/NDF : 4.0/3

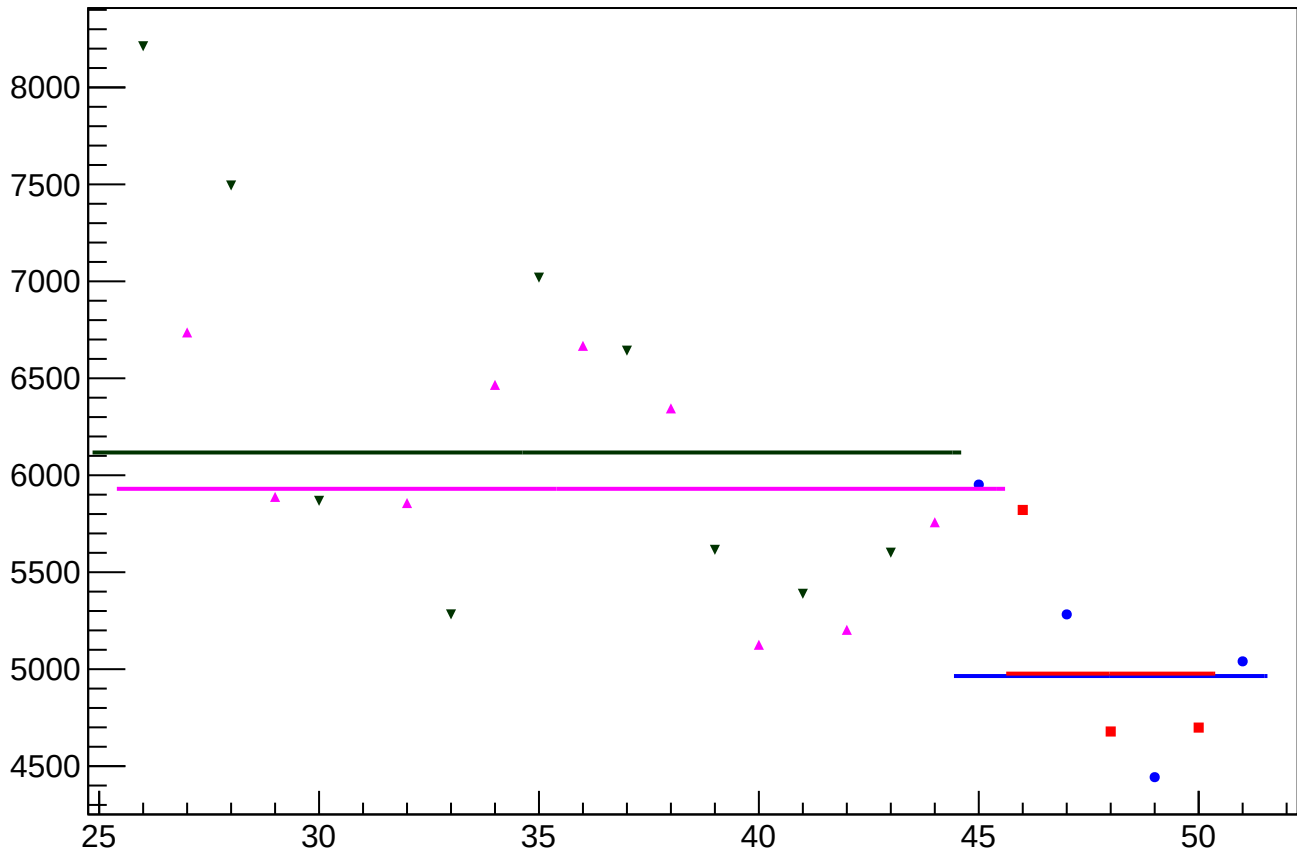
Left Out: 107.633 $\pm$ 2805.368 χ^2/NDF : 5.8/8

Right Out: 1084.967 $\pm$ 4090.905 χ^2/NDF : 2.4/2

Left In: 3878.107 $\pm$ 2515.966 χ^2/NDF : 9.6/8

1135.968 $\pm$ 1494.332 χ^2/NDF : 24.0/24

asym_sam_37_dd_rms vs slug



Right In: 4964.647+/-2.203 χ^2/NDF : 63494.9/3

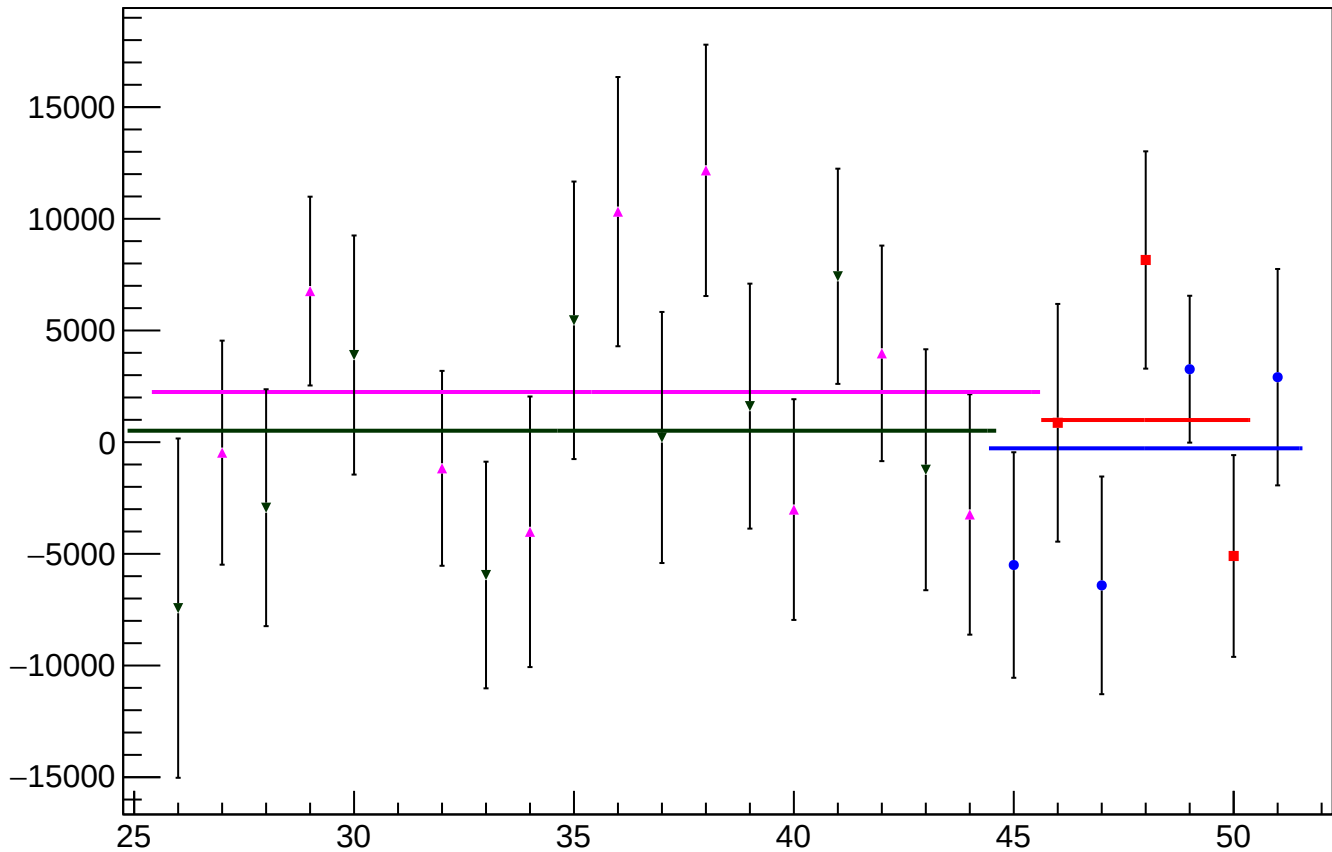
Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

5633.964+/-1.057 χ^2/NDF : 618817.8/24

Right Out: 4977.120+/-2.893 χ^2/NDF : 28994.3/2

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

asym_sam_48_dd_mean vs slug



Right In: -275.361+/-2149.283 χ^2/NDF : 4.2/3

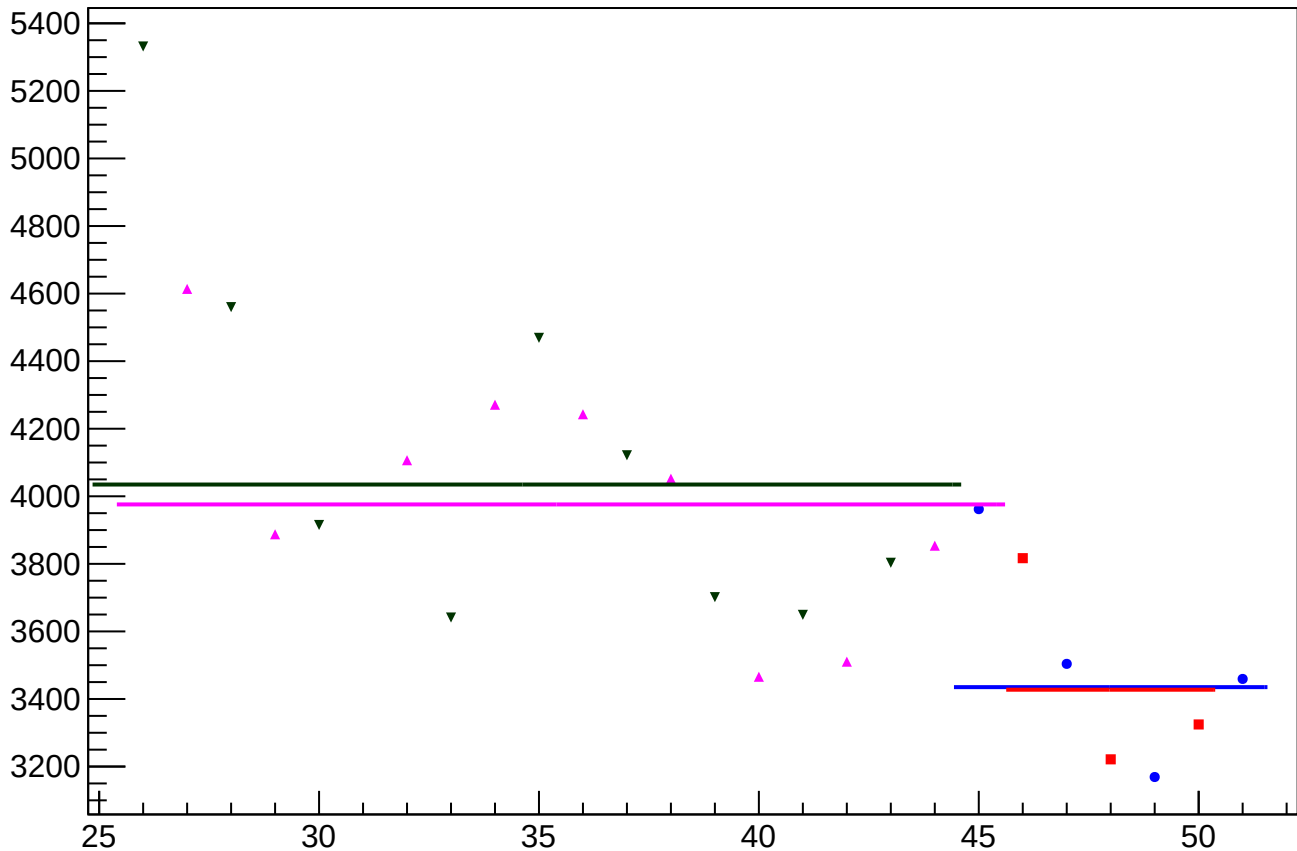
Left Out: 512.467+/-1841.360 χ^2/NDF : 6.4/8

Right Out: 991.560+/-2810.601 χ^2/NDF : 4.0/2

Left In: 2245.703+/-1682.849 χ^2/NDF : 10.3/8

1019.095+/-1004.475 χ^2/NDF : 25.9/24

asym_sam_48_dd_rms vs slug



Right In: 3435.069+/-1.520 χ^2/NDF : 35327.8/3

Left Out: 4034.807+/-1.302 χ^2/NDF :125083.3/8

3805.246+/-0.710 χ^2/NDF : 407903.6/24

Right Out: 3427.431+/-1.987 χ^2/NDF : 15333.9/2

Left In: 3975.894+/-1.190 χ^2/NDF :85039.8/8

yield_sam_15_dd_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_dd_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

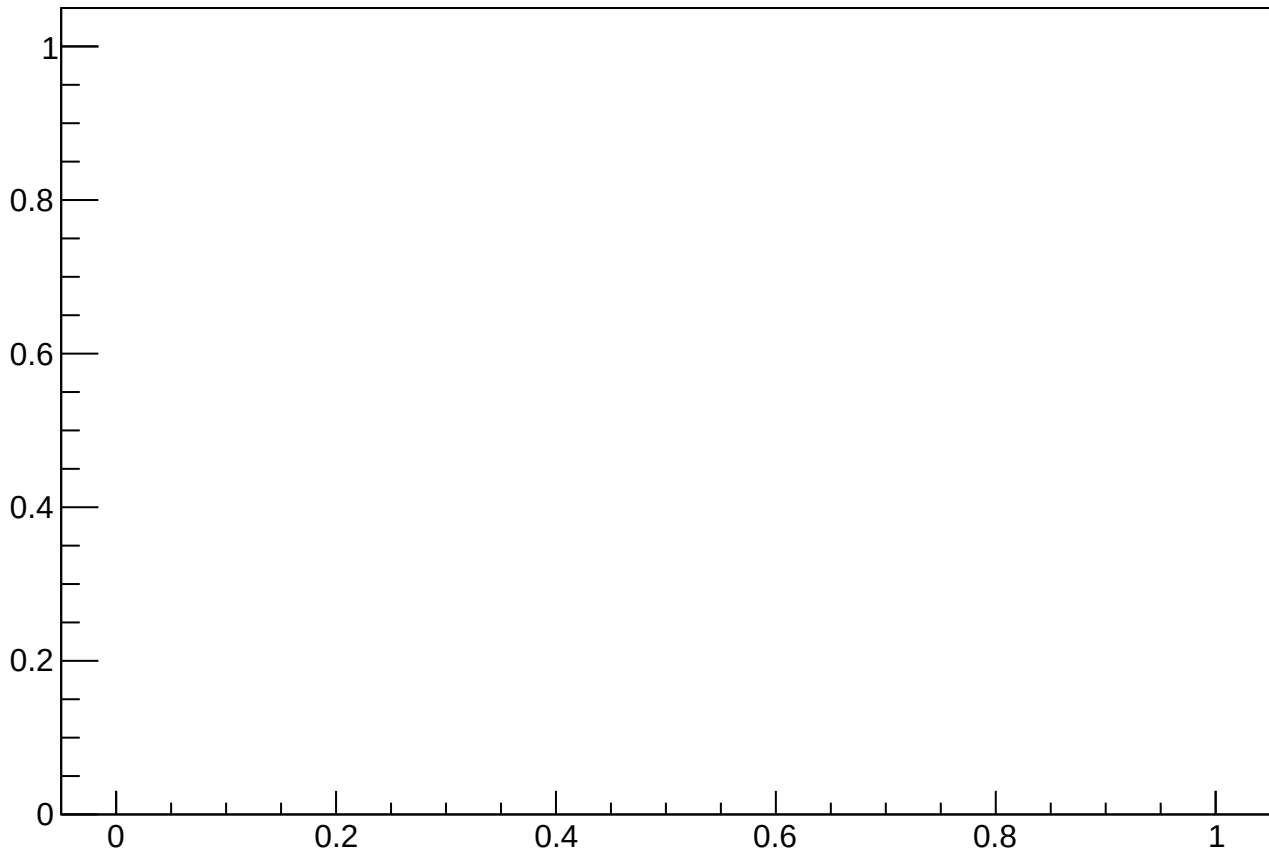
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

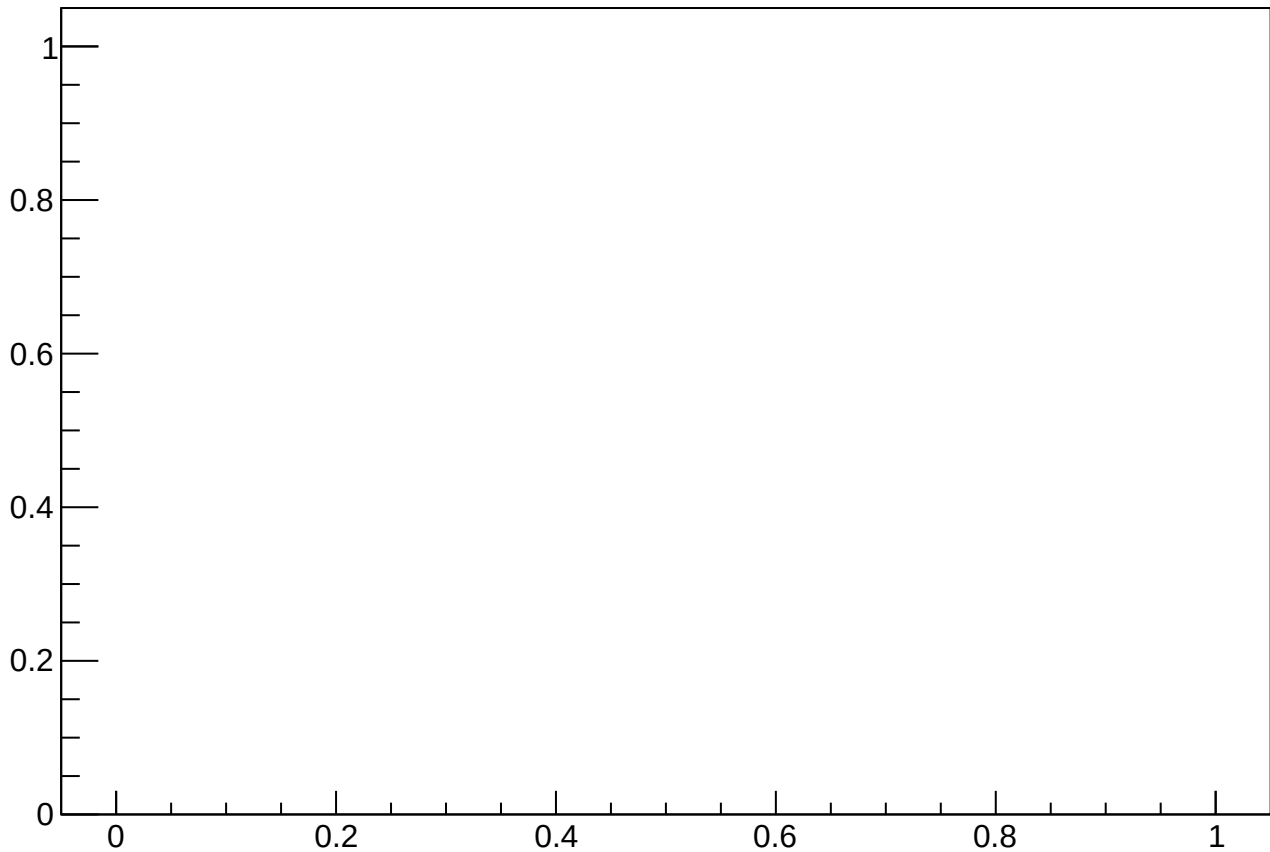
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

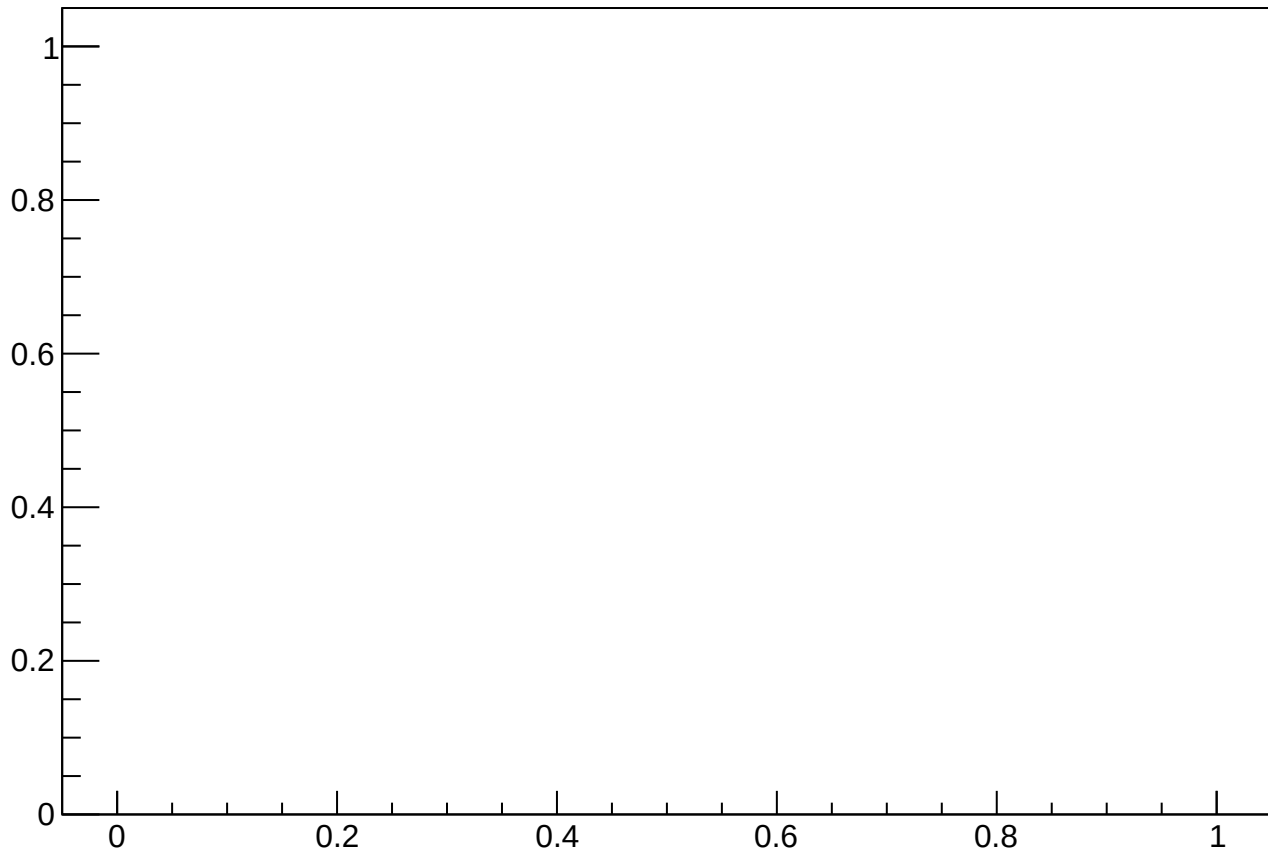
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_mean vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

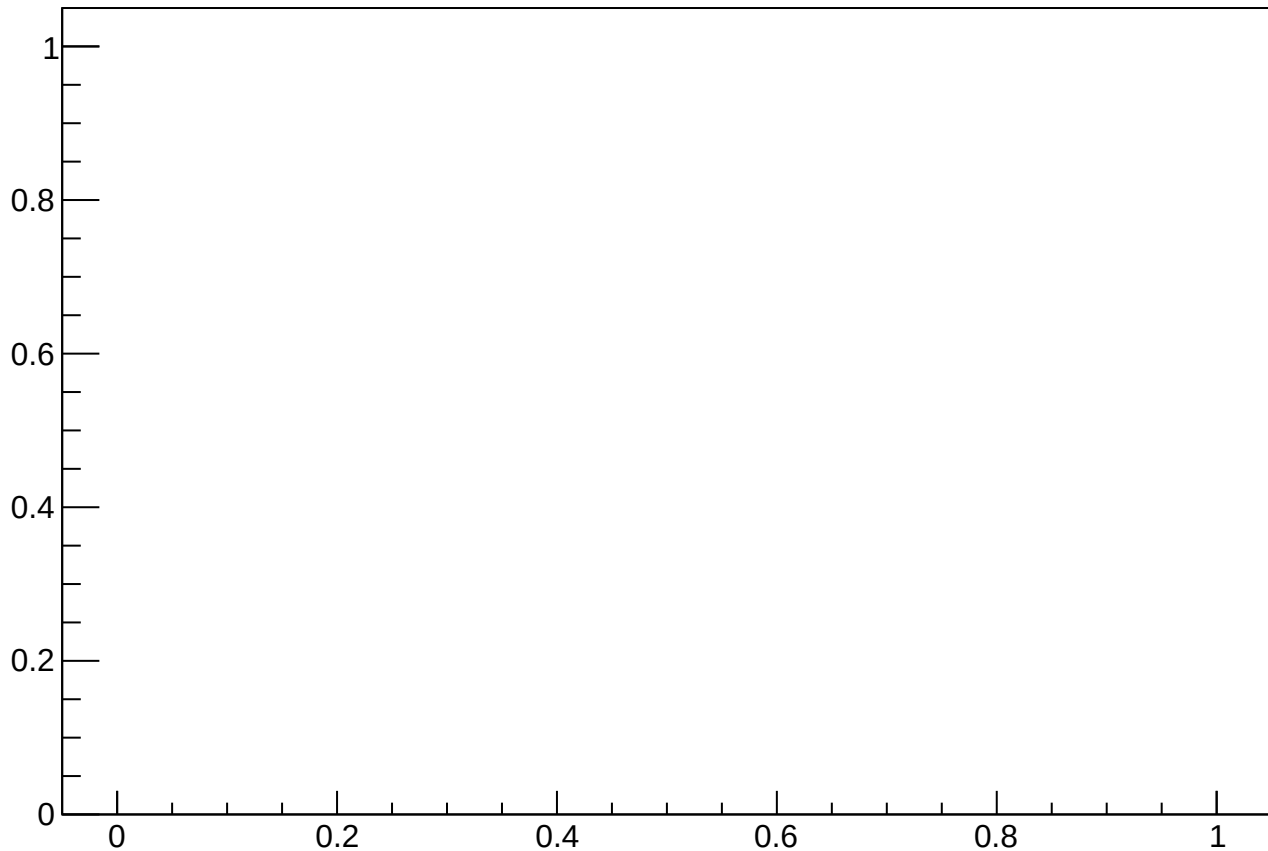
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

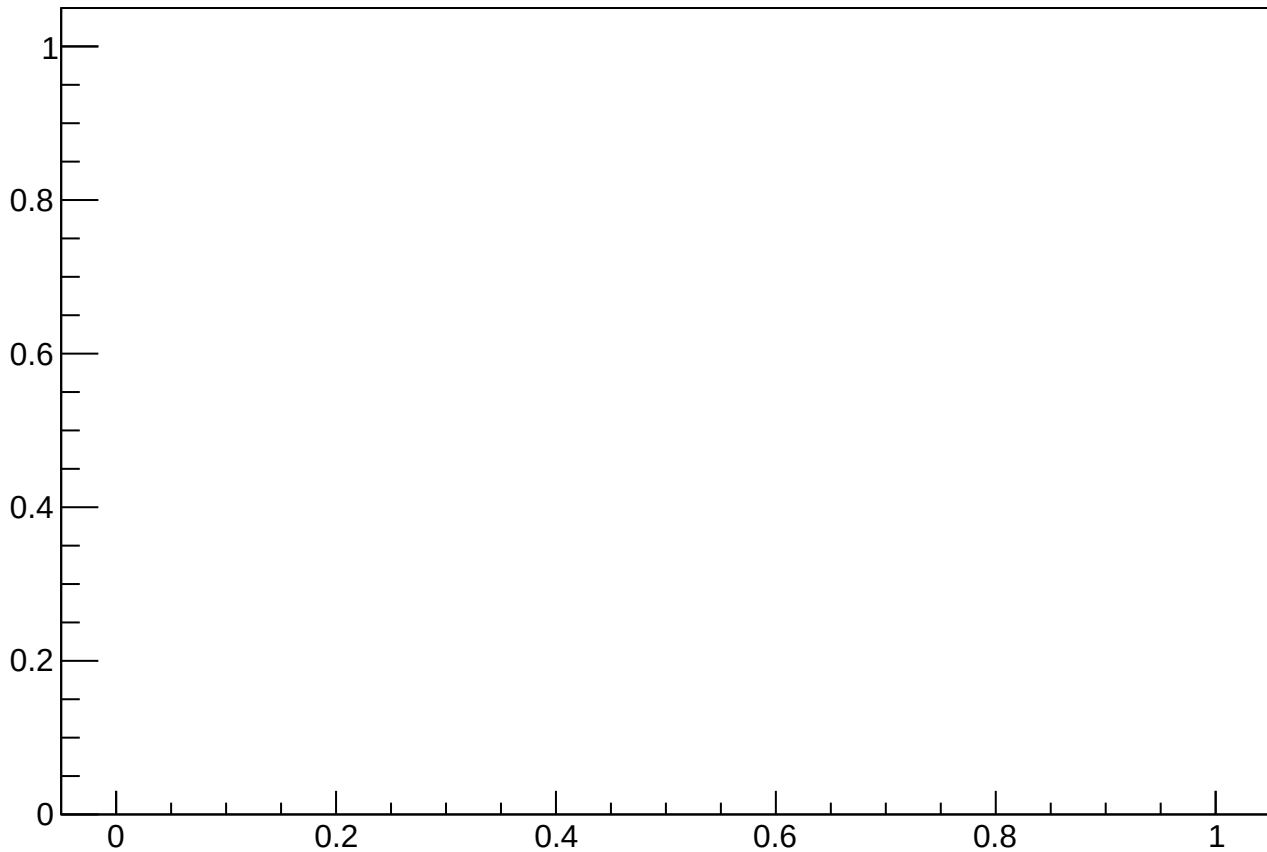
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

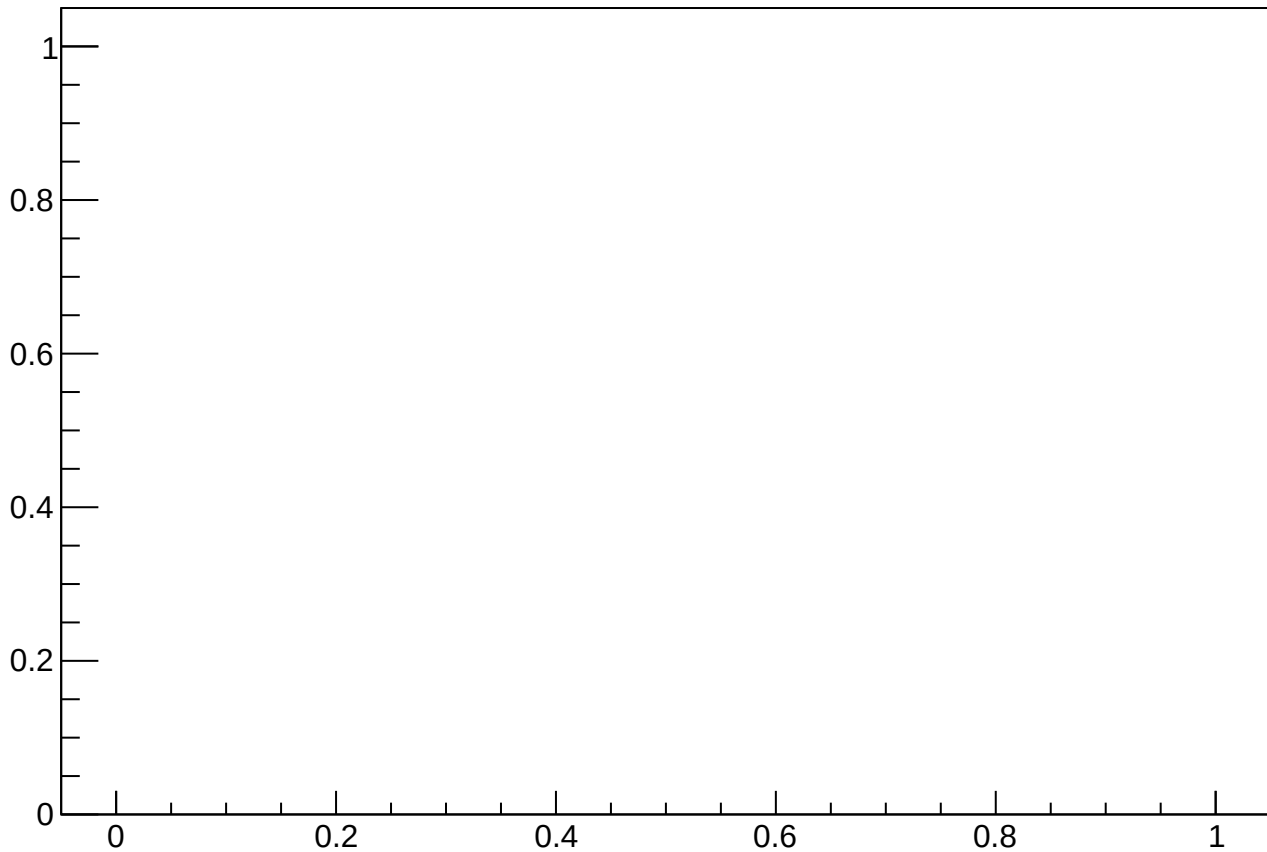
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

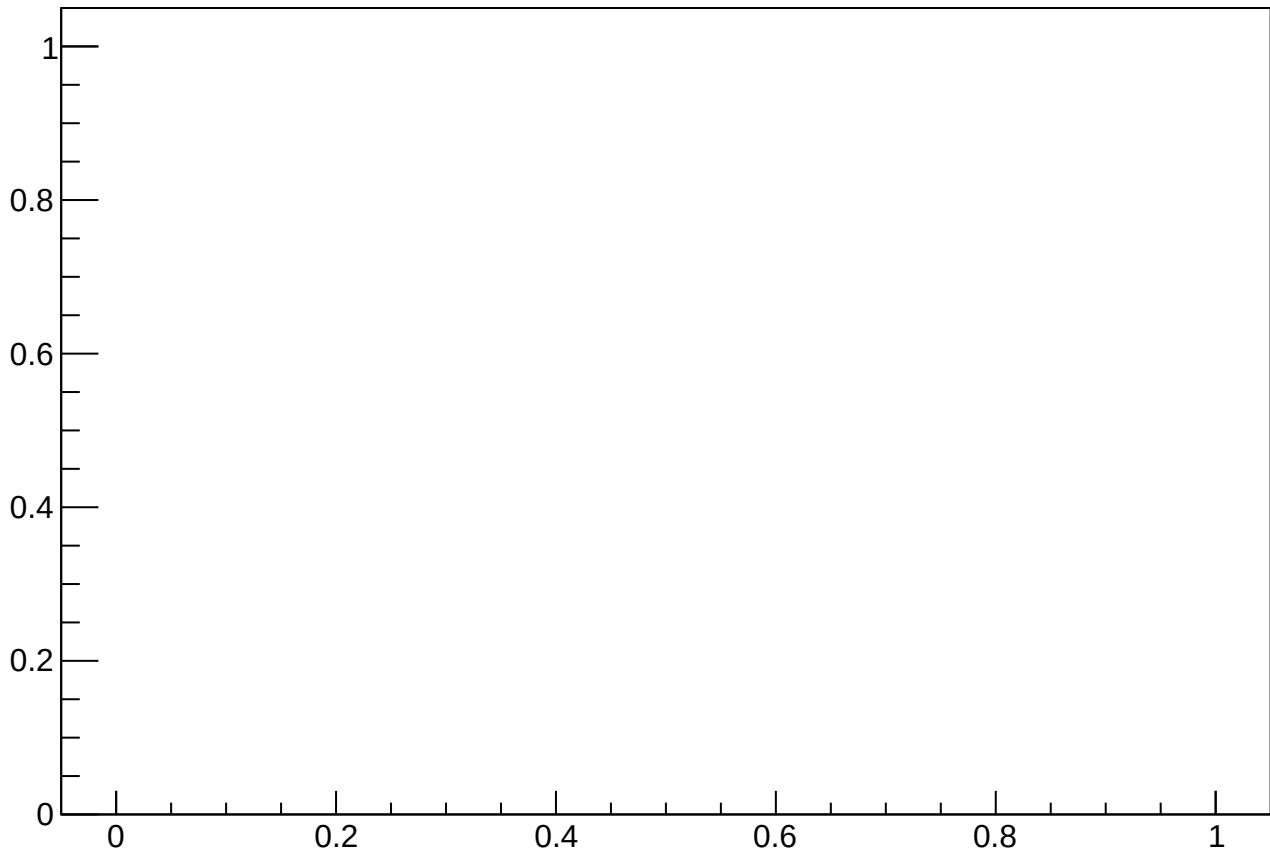
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

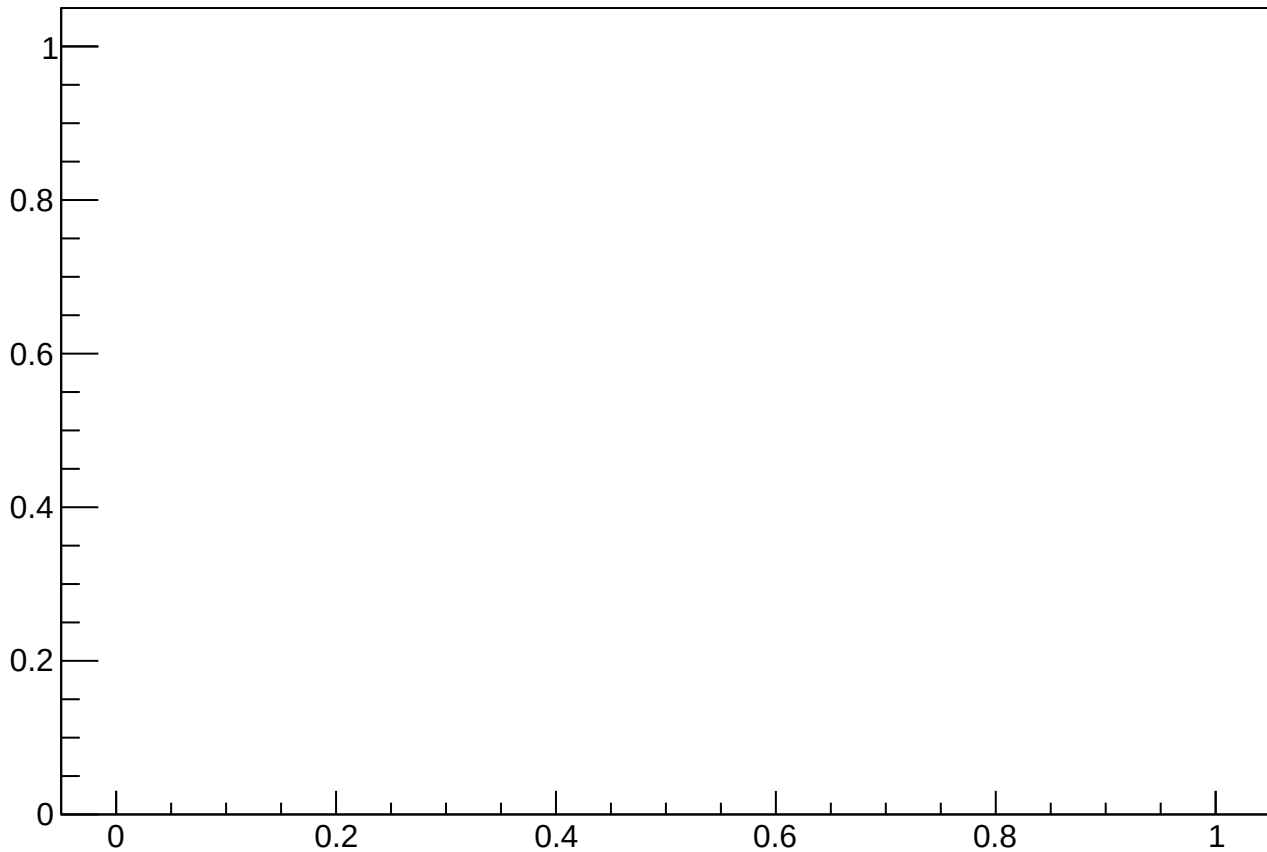
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

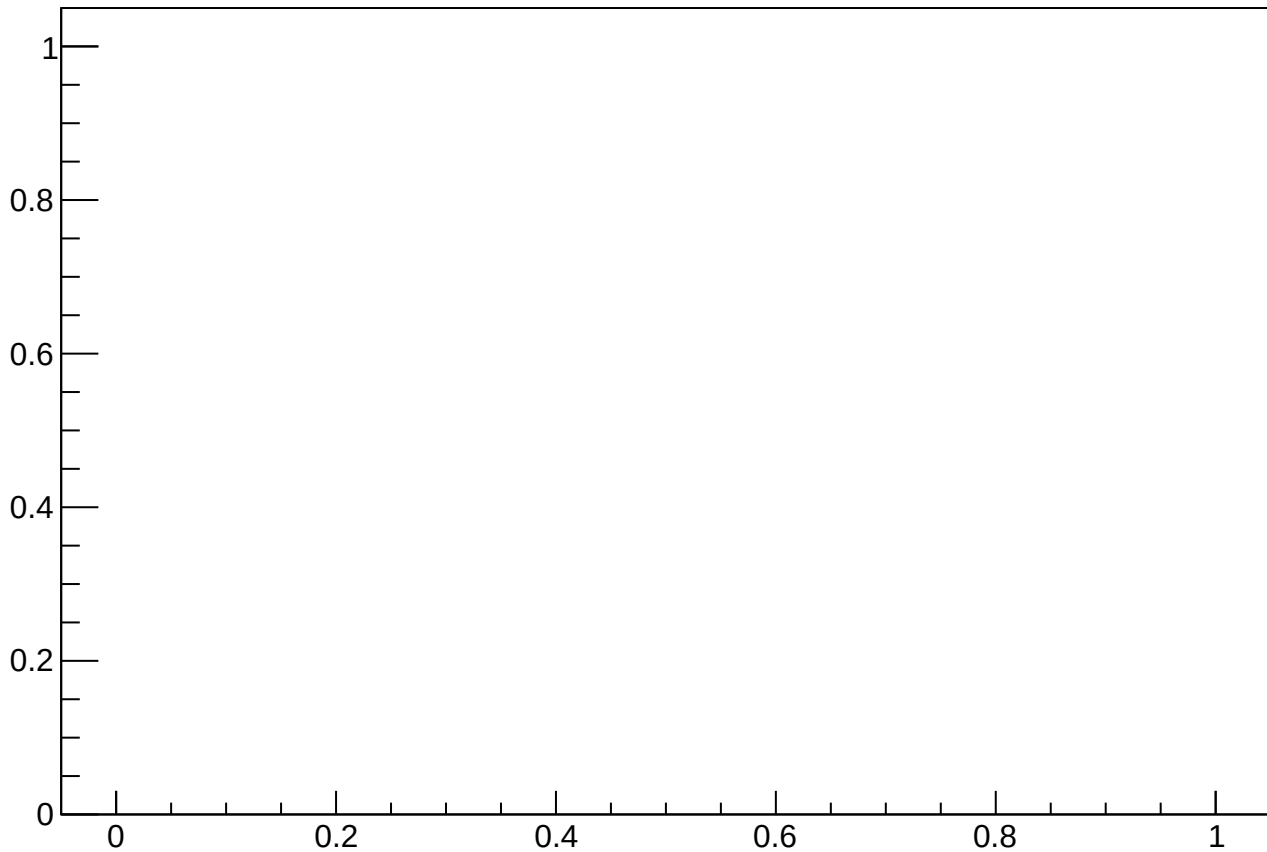
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

cor_sam_37_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

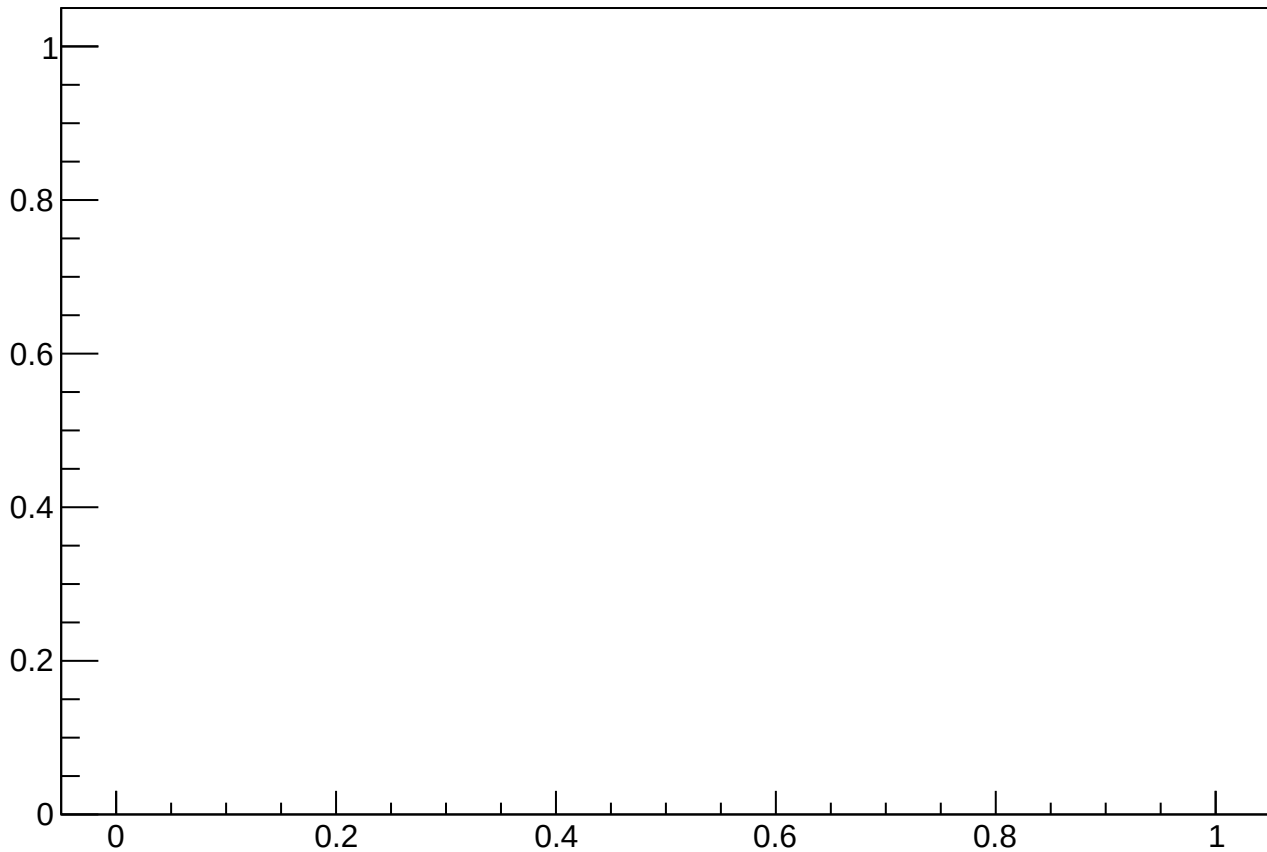
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

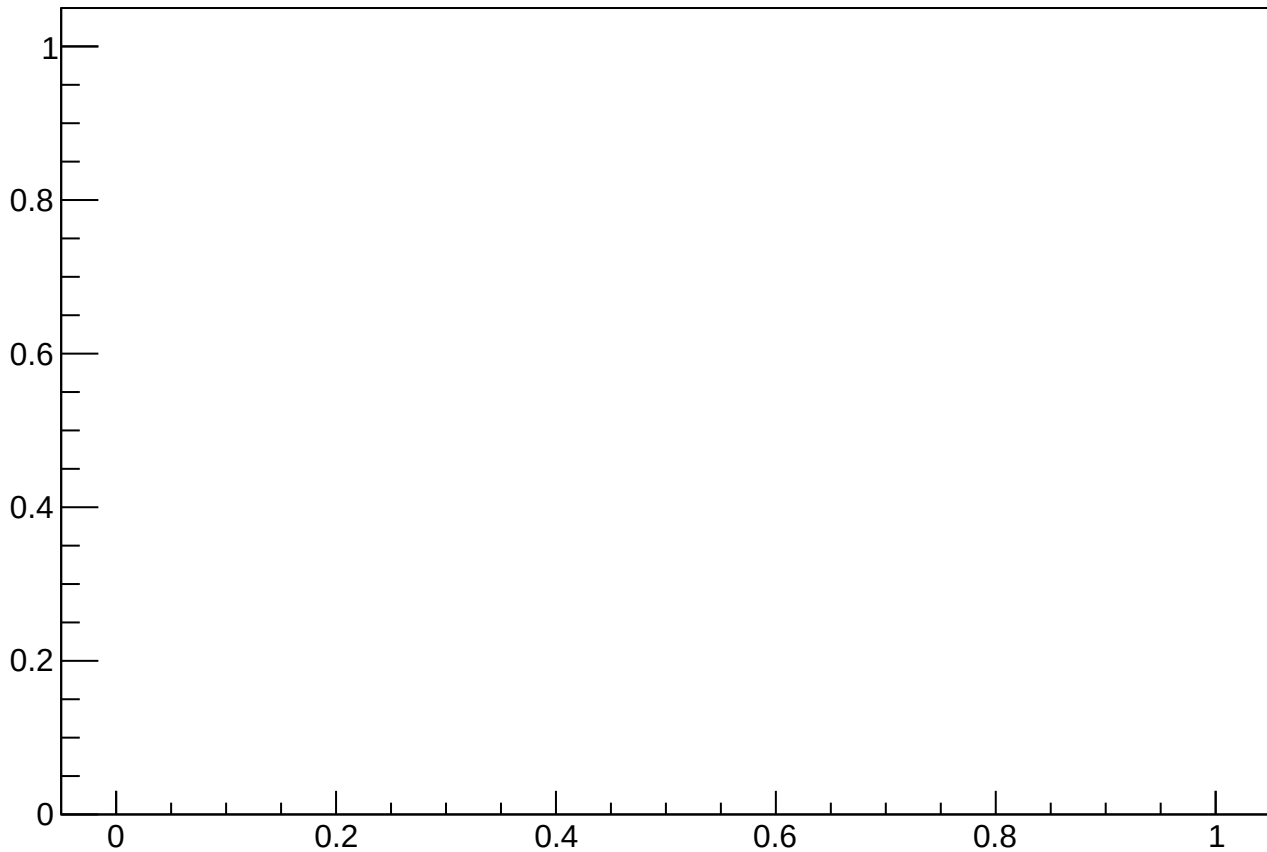
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_rms vs slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

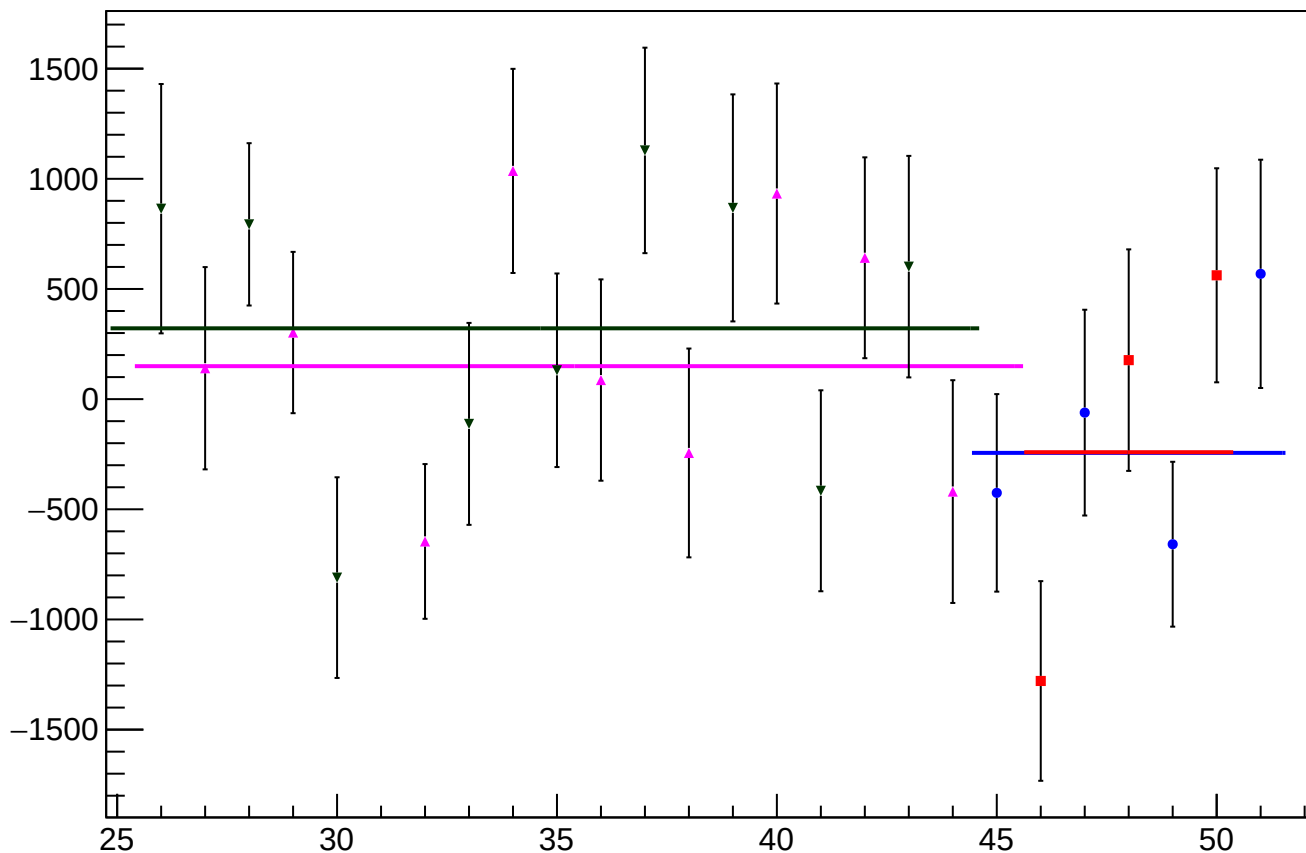
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -243.926+/-221.230 χ^2 /NDF: 4.0/3

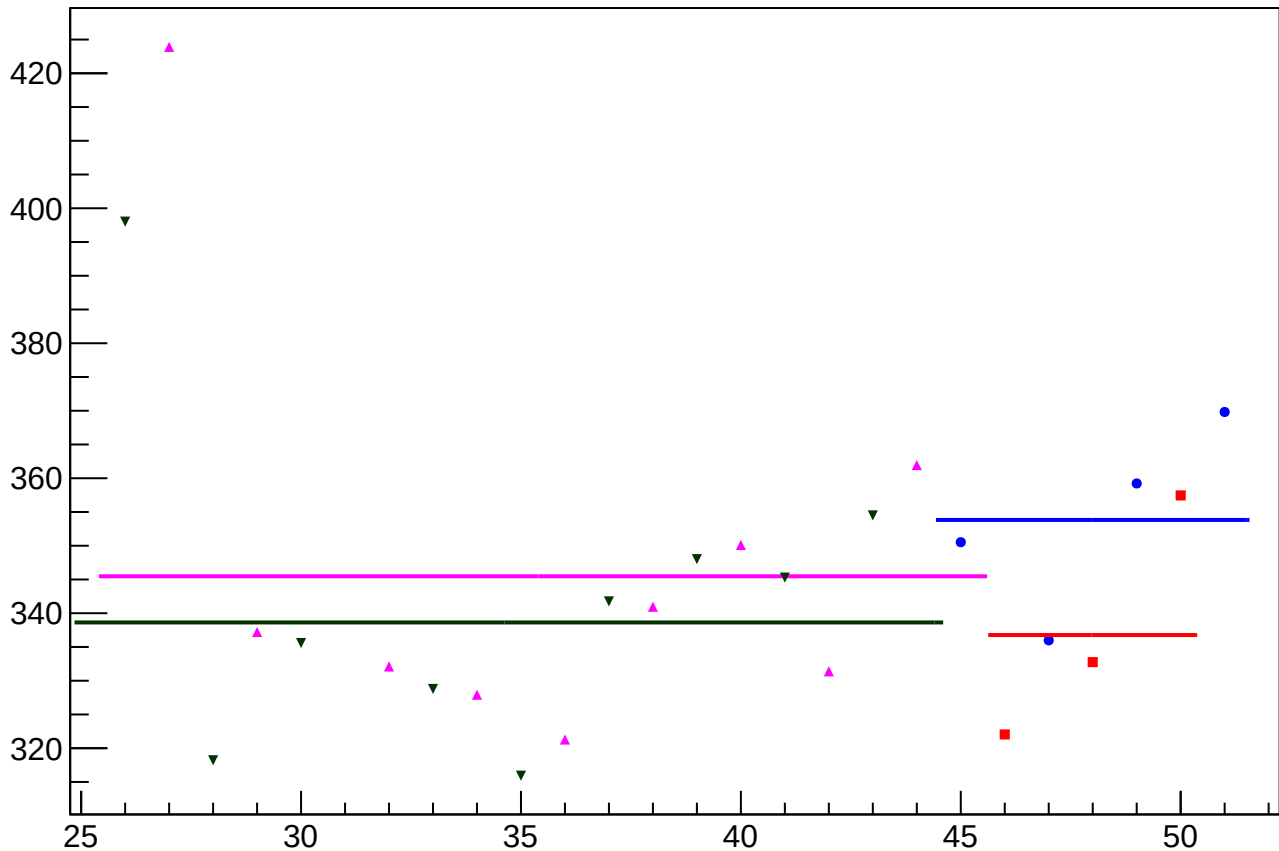
Left Out: 321.392+/-153.601 χ^2 /NDF:16.9/8

Right Out: -241.003+/-276.660 χ^2 /NDF: 8.7/2

Left In: 149.607+/-145.938 χ^2 /NDF:14.6/8

101.878+/-90.228 χ^2 /NDF: 50.2/24

reg_asym_sam_15_dd_rms vs slug



Right In: 353.821+/-0.156 χ^2/NDF : 5352.1/3

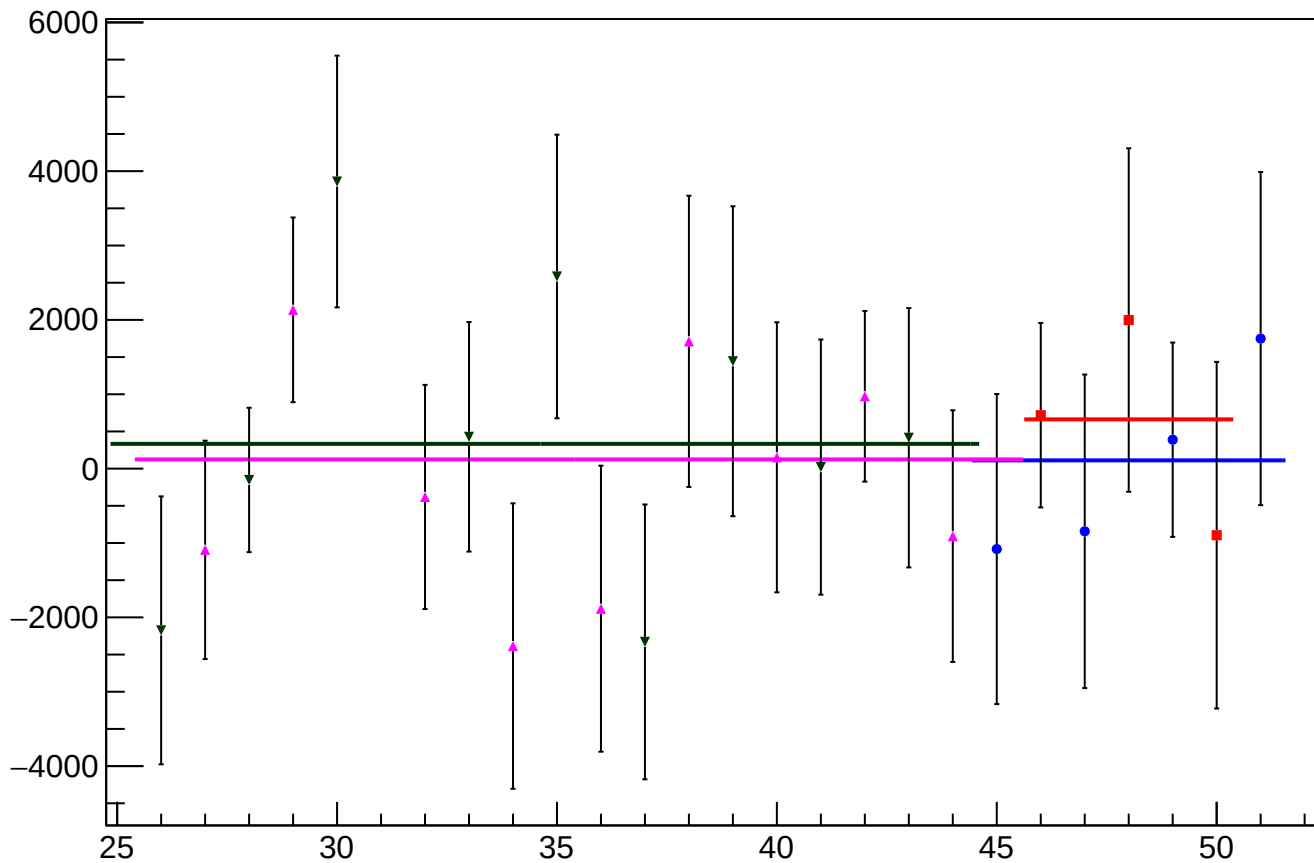
Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

Right Out: 336.773+/-0.196 χ^2/NDF : 5867.8/2

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

343.576+/-0.064 χ^2/NDF : 131990.3/24

asym_sam_15_dd_correction_mean vs slug



Right In: 111.242 $\pm$ 897.913 χ^2/NDF : 1.1/3

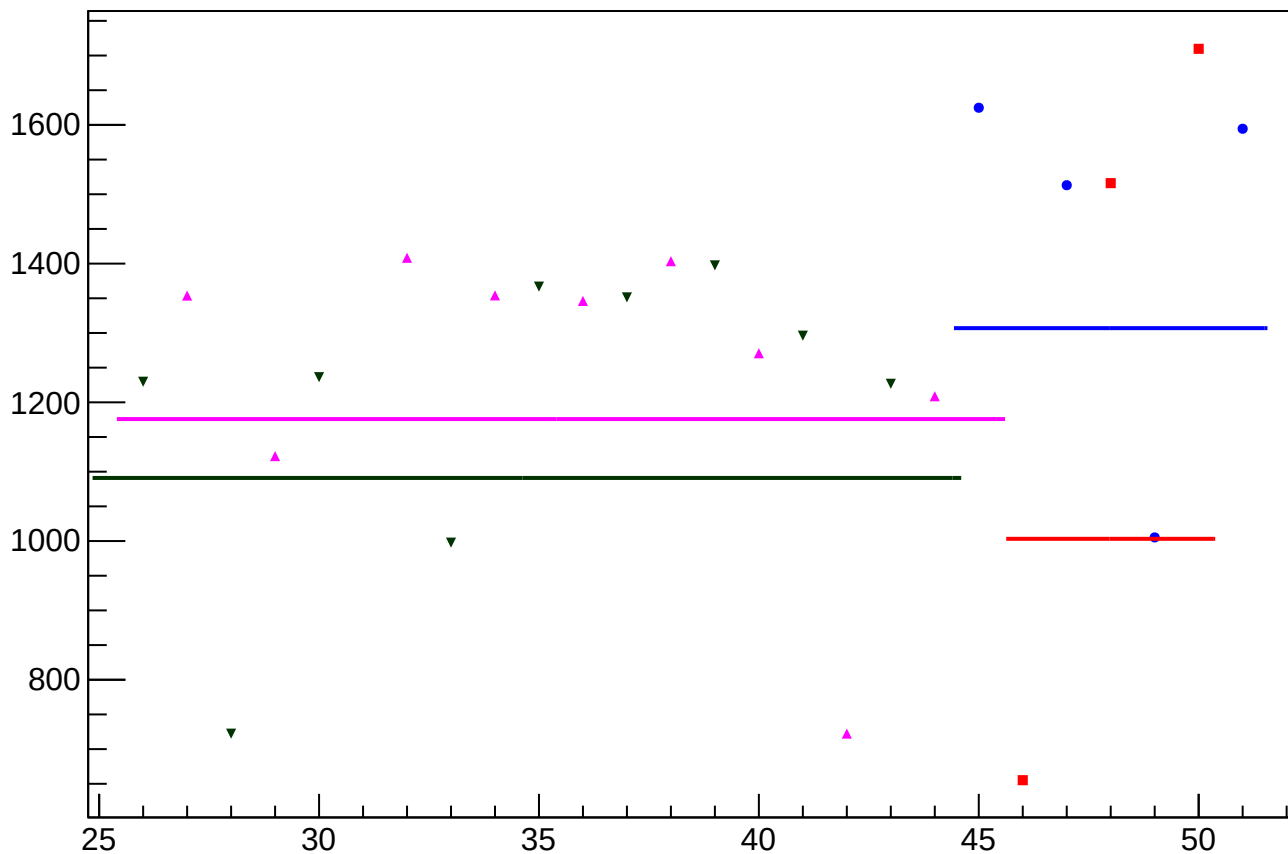
Left Out: 333.038 $\pm$ 526.643 χ^2/NDF : 10.3/8

Right Out: 662.619 $\pm$ 989.277 χ^2/NDF : 0.8/2

Left In: 124.264 $\pm$ 515.157 χ^2/NDF : 7.8/8

257.796 $\pm$ 322.150 χ^2/NDF : 20.3/24

asym_sam_15_dd_correction_rms vs slug



Right In: 1306.948 $\pm$ 0.635 χ^2 /NDF: 205206.2/3

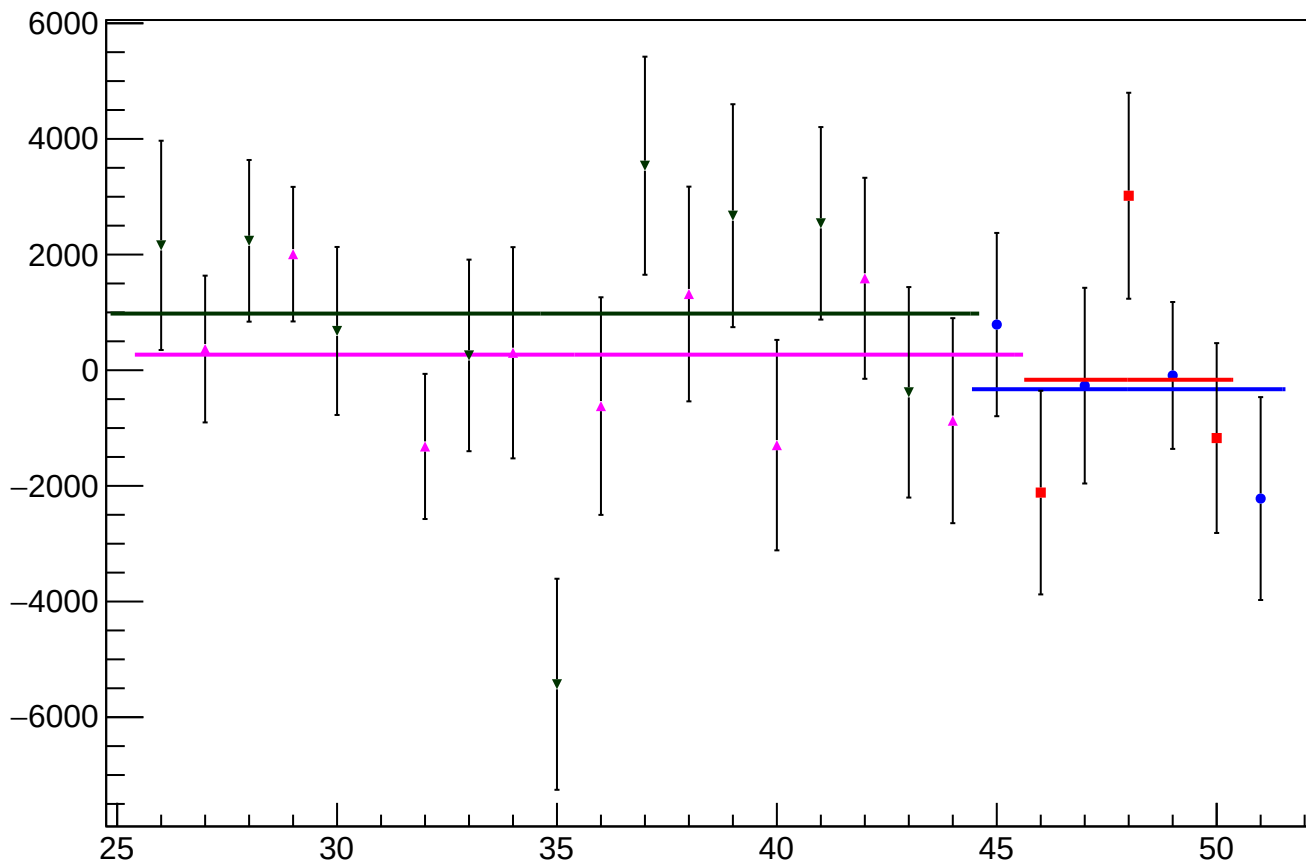
Left Out: 1090.976 $\pm$ 0.372 χ^2 /NDF: 488039.7/8

Right Out: 1003.208 $\pm$ 0.700 χ^2 /NDF: 439919.8/2

Left In: 1175.875 $\pm$ 0.364 χ^2 /NDF: 459477.1/8

1142.669 $\pm$ 0.228 χ^2 /NDF: 1726914.4/24

reg_asym_sam_26_dd_mean vs slug



Right In: -328.545+/-768.707 χ^2/NDF : 1.7/3

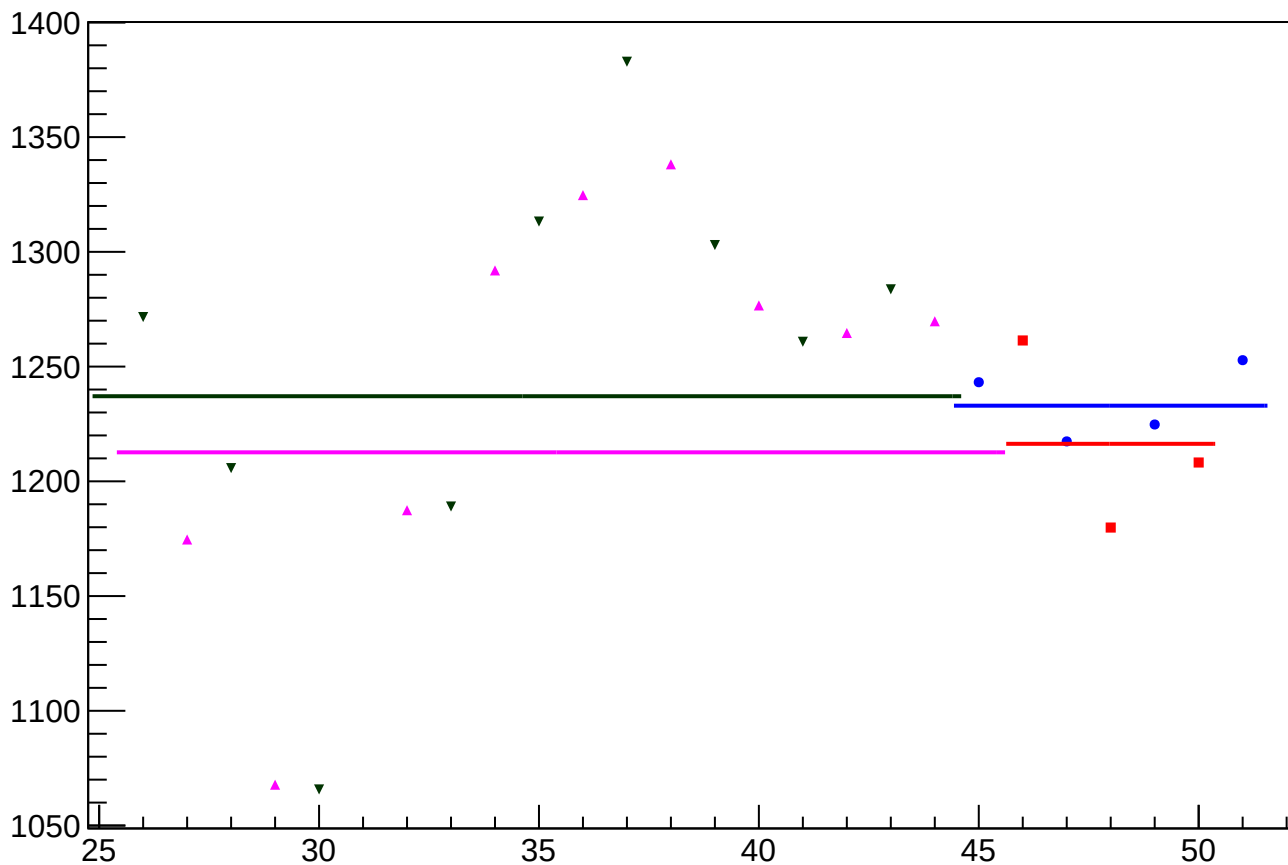
Left Out: 979.553+/-561.753 χ^2/NDF : 17.9/8

Right Out: -164.943+/-995.604 χ^2/NDF : 4.8/2

Left In: 269.305+/-511.773 χ^2/NDF : 6.1/8

351.971+/-321.277 χ^2/NDF : 32.8/24

reg_asym_sam_26_dd_rms vs slug



Right In: 1232.963+/-0.544 χ^2/NDF : 591.5/3

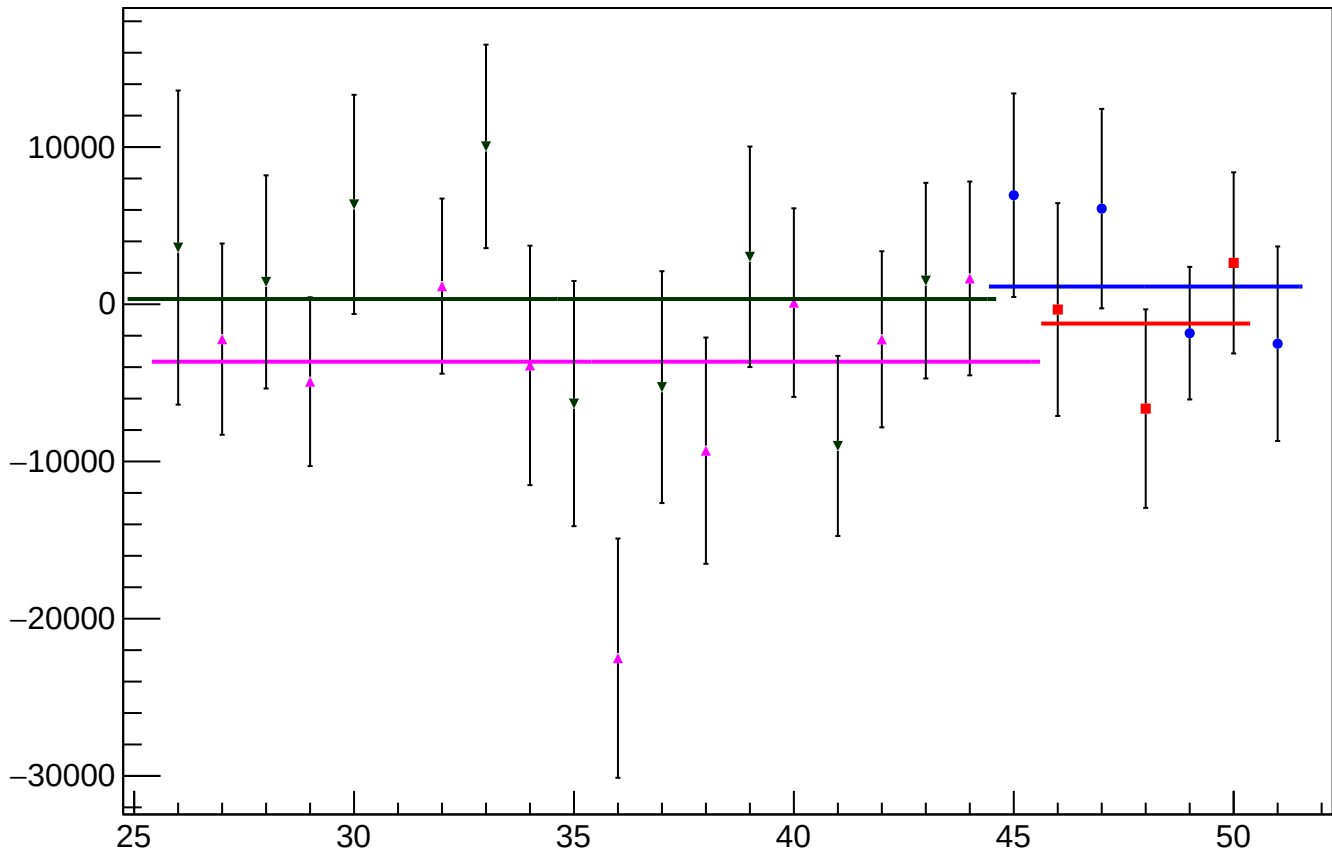
Left Out: 1237.088+/-0.397 χ^2/NDF : 50723.7/8

Right Out: 1216.343+/-0.704 χ^2/NDF : 2197.0/2

Left In: 1212.637+/-0.362 χ^2/NDF : 59937.0/8

1224.571+/-0.227 χ^2/NDF : 115904.7/24

asym_sam_26_dd_correction_mean vs slug



Right In: 1126.558+/-2762.145 χ^2/NDF : 2.3/3

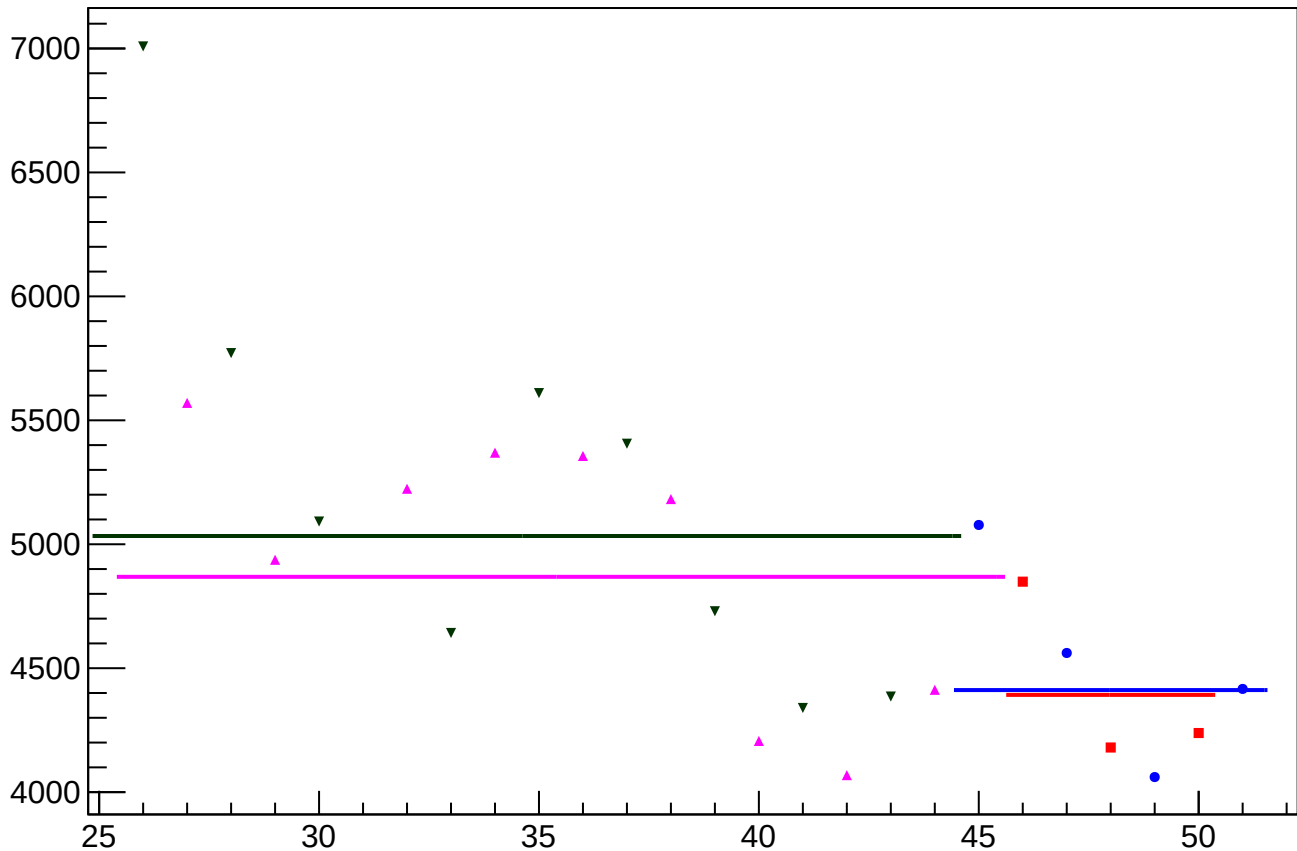
Left Out: 333.092+/-2308.078 χ^2/NDF : 7.3/8

-1173.020+/-1260.256 χ^2/NDF : 22.1/24

Right Out: -1227.458+/-3602.842 χ^2/NDF : 1.2/2

Left In: -3653.482+/-2068.125 χ^2/NDF : 8.8/8

asym_sam_26_dd_correction_rms vs slug



Right In: 4411.791+/-1.953 χ^2/NDF : 36133.7/3

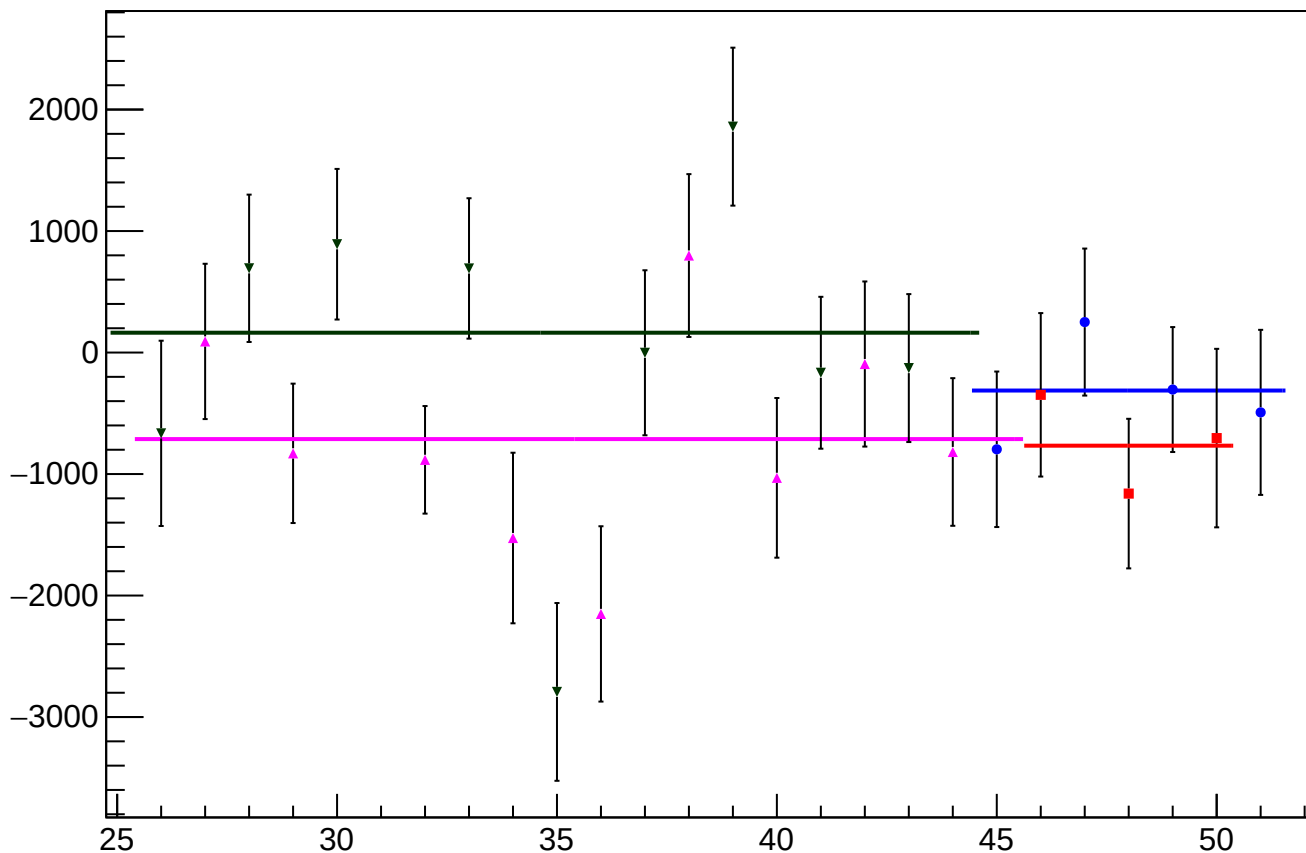
Left Out: 5033.309+/-1.632 χ^2/NDF :180086.7/8

4764.362+/-0.891 χ^2/NDF : 447056.9/24

Right Out: 4392.366+/-2.548 χ^2/NDF : 12789.2/2

Left In: 4868.659+/-1.462 χ^2/NDF :131897.8/8

reg_asym_sam_37_dd_mean vs slug



Right In: -312.667 $\pm$ 299.821 χ^2/NDF : 1.5/3

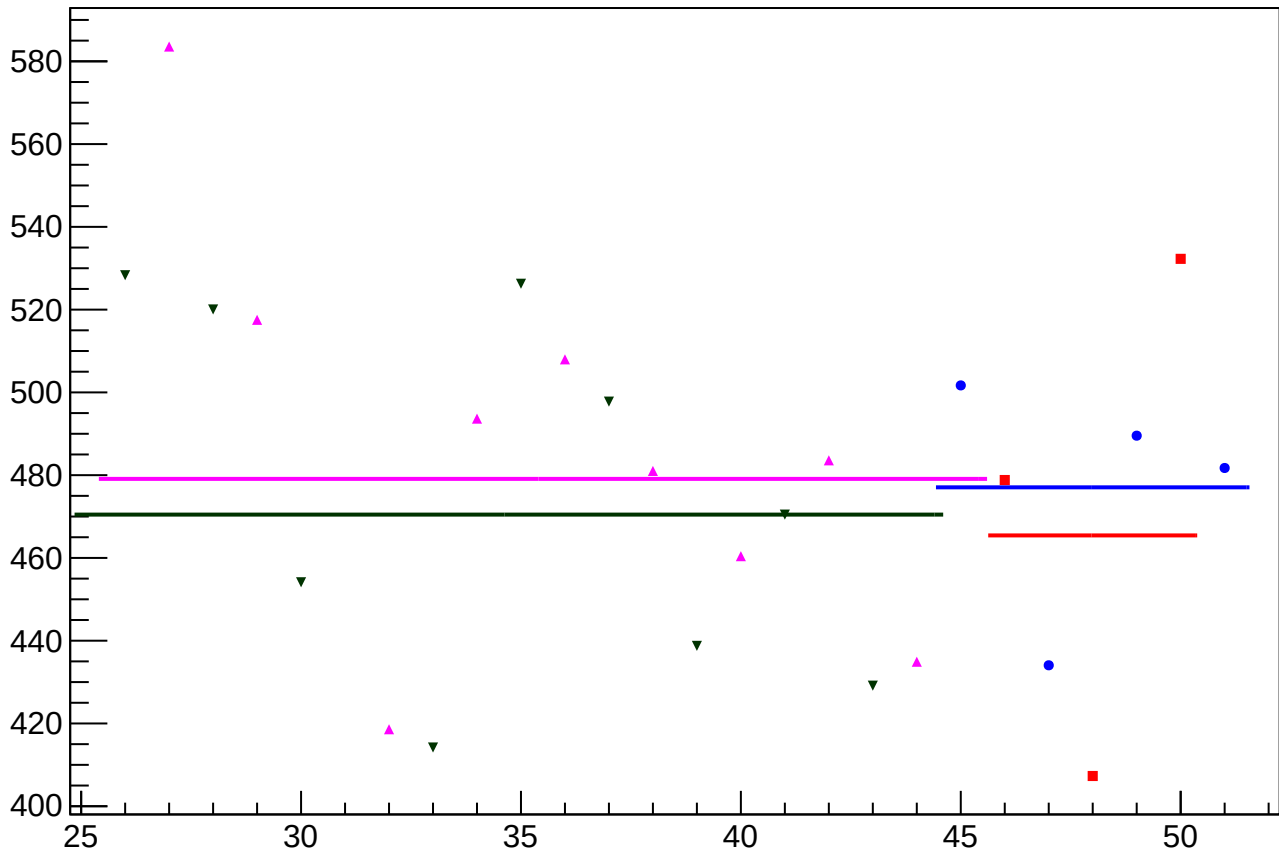
Left Out: 163.244 $\pm$ 214.677 χ^2/NDF : 27.9/8

Right Out: -766.519 $\pm$ 386.278 χ^2/NDF : 0.8/2

Left In: -712.252 $\pm$ 204.302 χ^2/NDF : 13.3/8

-348.717 $\pm$ 125.508 χ^2/NDF : 53.5/24

reg_asym_sam_37_dd_rms vs slug



Right In: 477.059 ± 0.212 χ^2/NDF : 14340.3/3

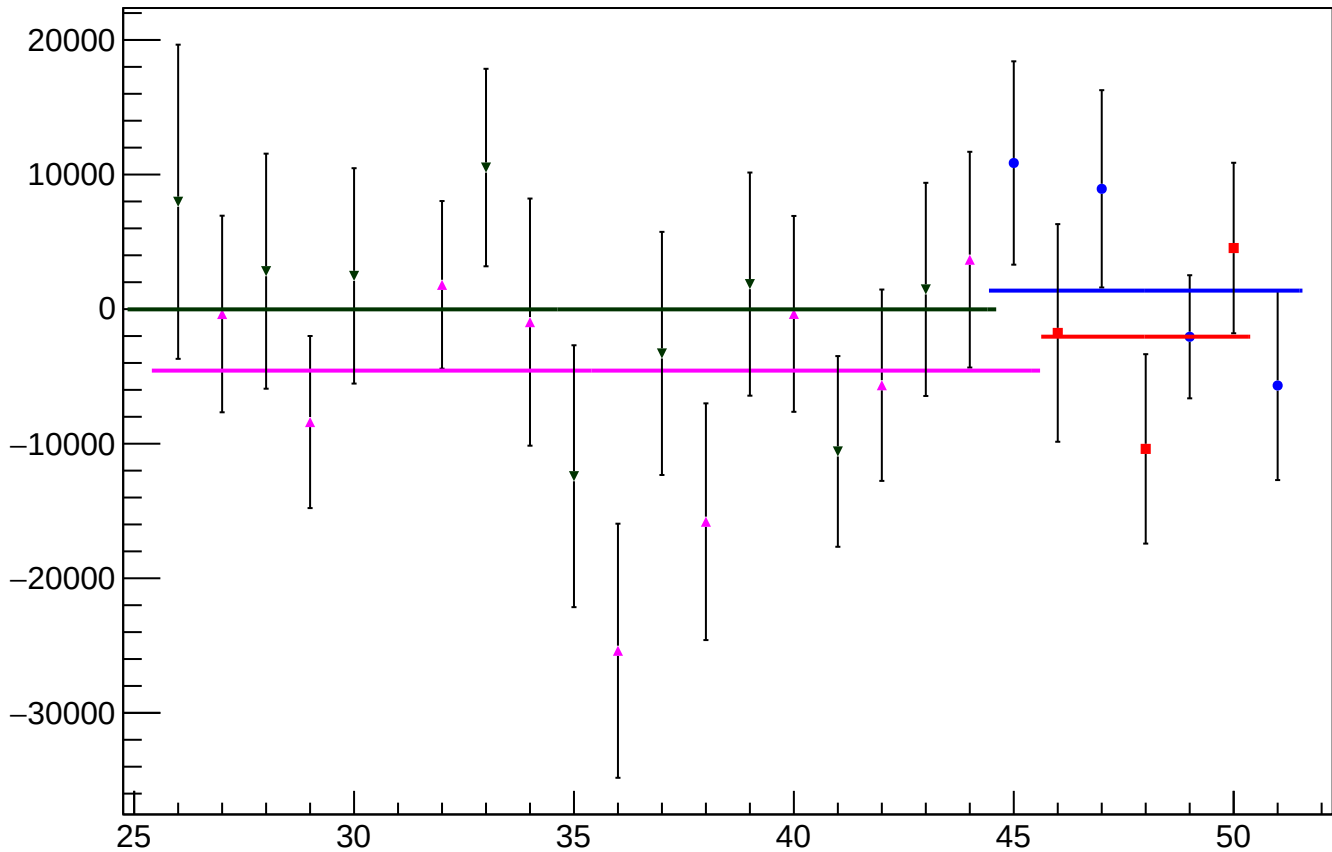
Left Out: 470.470 ± 0.152 χ^2/NDF : 74080.1/8

Right Out: 465.440 ± 0.273 χ^2/NDF : 35181.9/2

Left In: 479.100 ± 0.144 χ^2/NDF : 116132.1/8

474.351 ± 0.089 χ^2/NDF : 242696.2/24

asym_sam_37_dd_correction_mean vs slug



Right In: 1375.806 $\pm$ 3098.219 χ^2 /NDF: 4.2/3

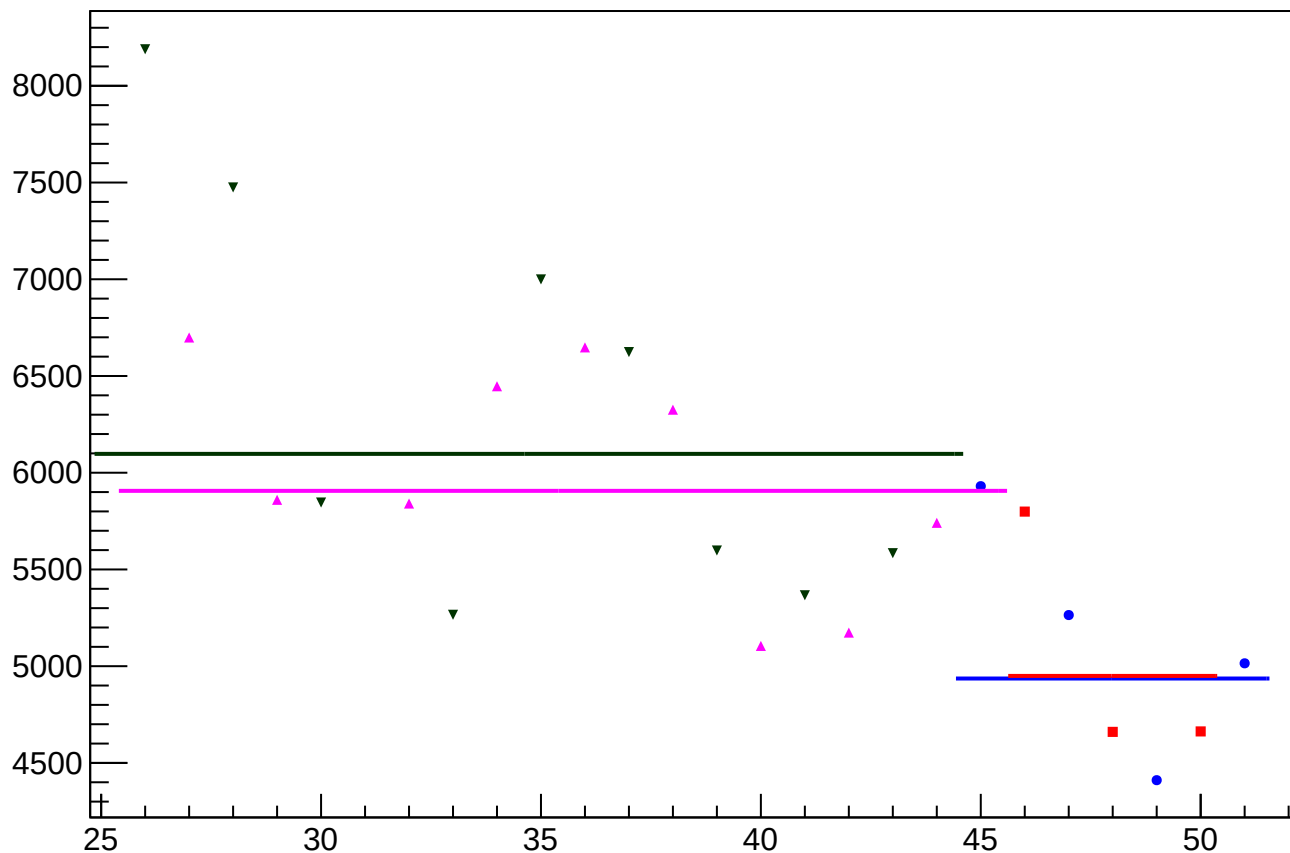
Left Out: -17.487 $\pm$ 2796.410 χ^2 /NDF:6.8/8

-1571.850 $\pm$ 1487.916 χ^2 /NDF: 25.9/24

Right Out: -2046.930 $\pm$ 4068.763 χ^2 /NDF: 2.5/2

Left In: -4568.467 $\pm$ 2506.032 χ^2 /NDF:9.8/8

asym_sam_37_dd_correction_rms vs slug



Right In: 4936.276 ± 2.191 χ^2/NDF : 65286.7/3

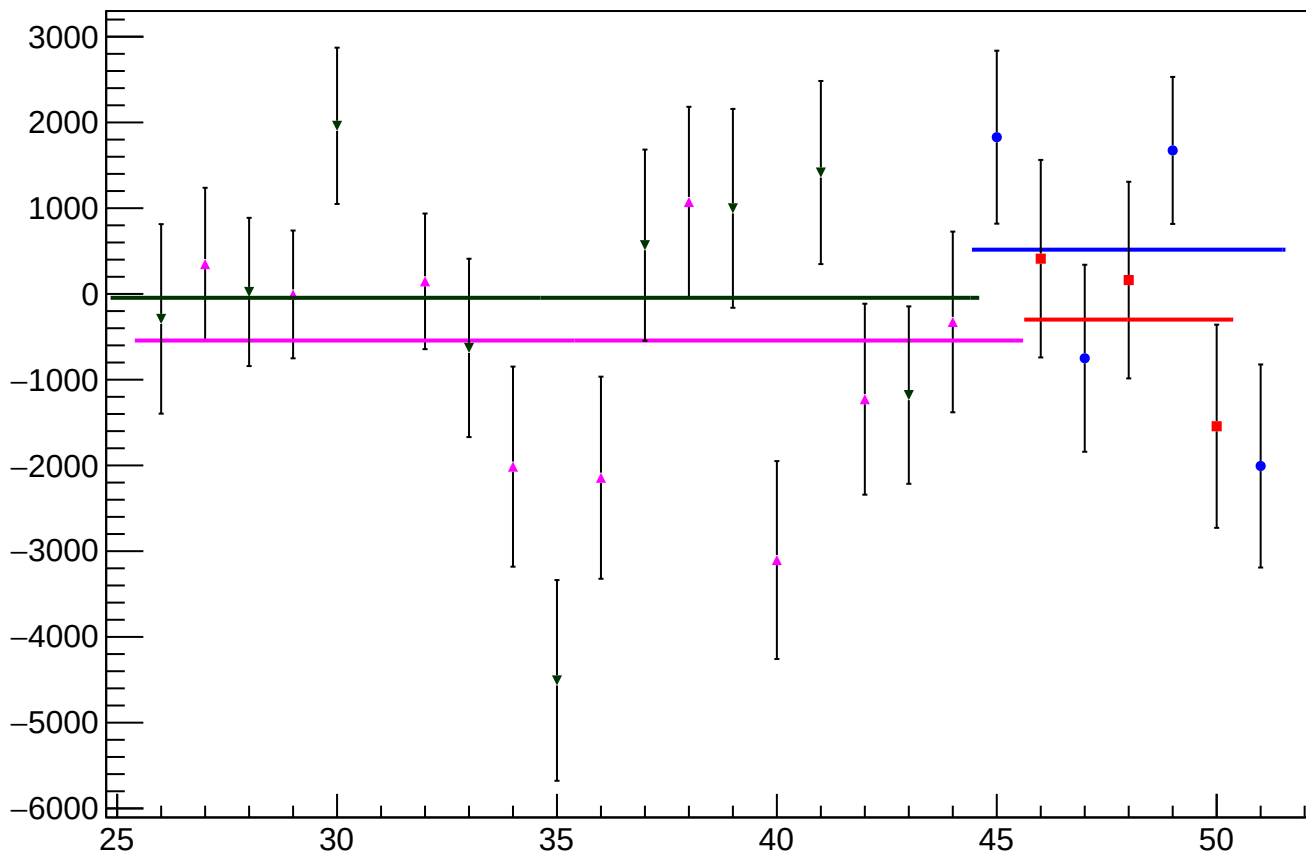
Left Out: 6097.446 ± 1.977 χ^2/NDF : 202537.0/8

Right Out: 4949.716 ± 2.877 χ^2/NDF : 29547.9/2

Left In: 5906.293 ± 1.772 χ^2/NDF : 94067.7/8

5608.762 ± 1.052 χ^2/NDF : 627408.5/24

reg_asym_sam_48_dd_mean vs slug



Right In: 516.201+/-506.551 χ^2/NDF : 9.4/3

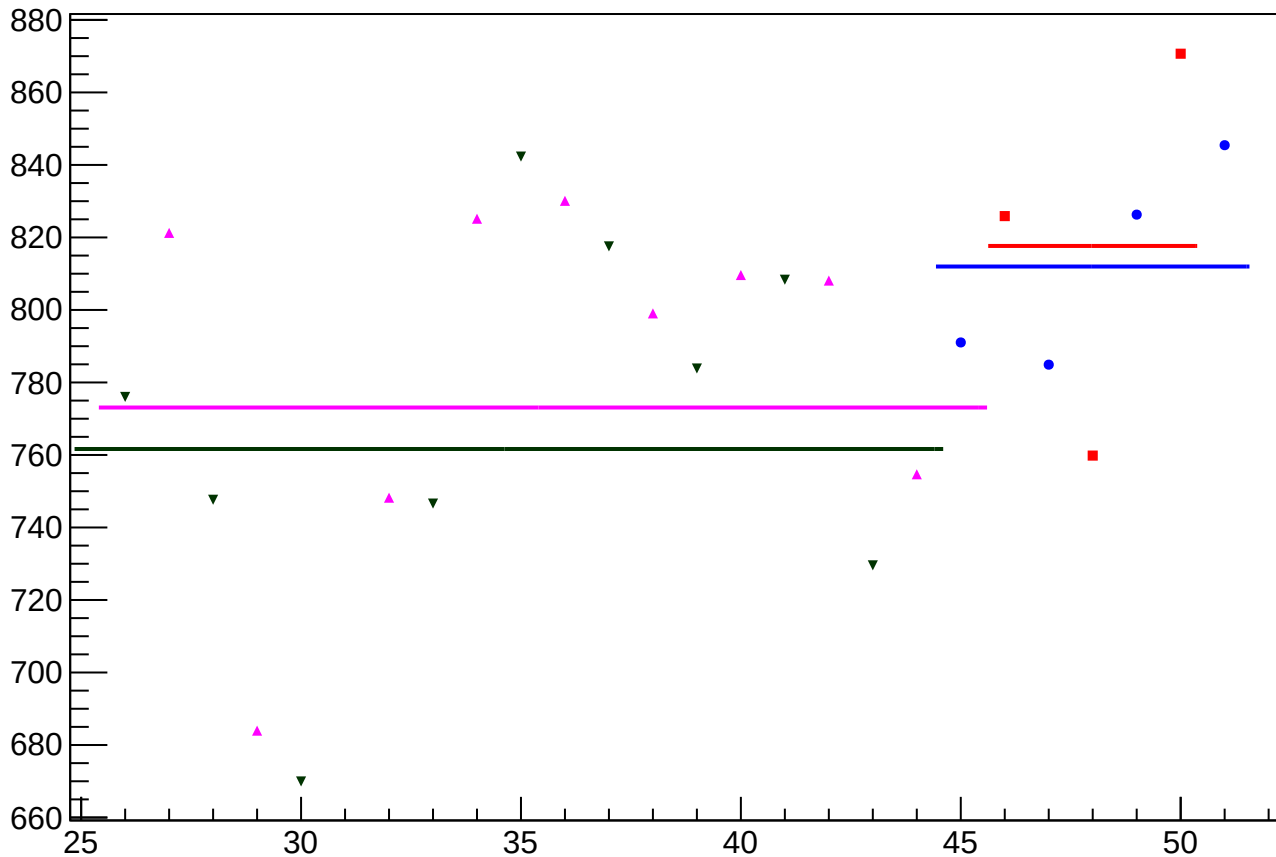
Left Out: -45.235+/-345.547 χ^2/NDF : 23.9/8

Right Out: -299.259+/-670.135 χ^2/NDF : 1.6/2

Left In: -543.555+/-326.377 χ^2/NDF : 13.2/8

-173.160+/-204.608 χ^2/NDF : 51.5/24

reg_asym_sam_48_dd_rms vs slug



Right In: 811.980+/-0.358 χ^2/NDF : 4249.4/3

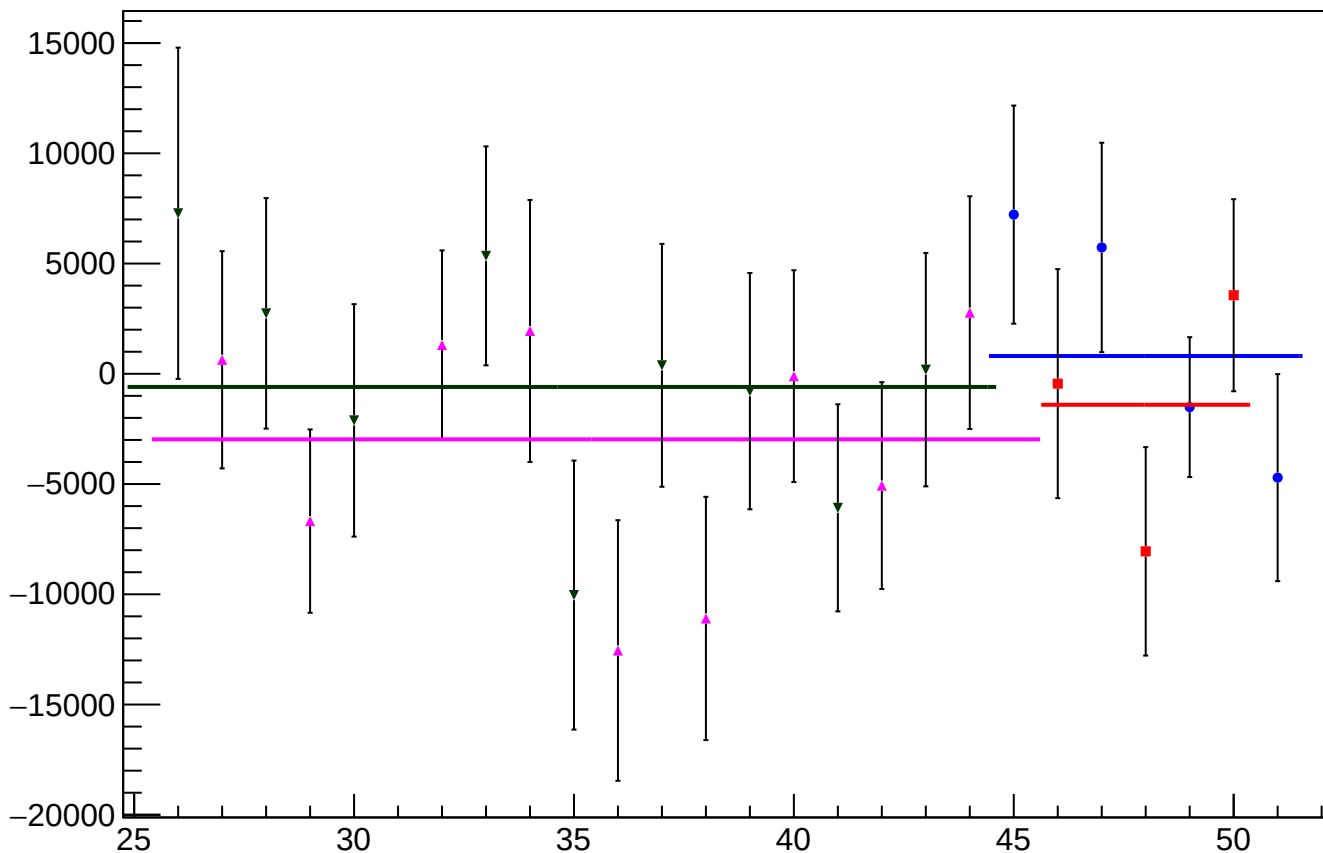
Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

Right Out: 817.653+/-0.474 χ^2/NDF : 9194.0/2

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

779.577+/-0.145 χ^2/NDF : 127600.0/24

asym_sam_48_dd_correction_mean vs slug



Right In: 806.467 $\pm$ 2085.297 χ^2 /NDF: 4.7/3

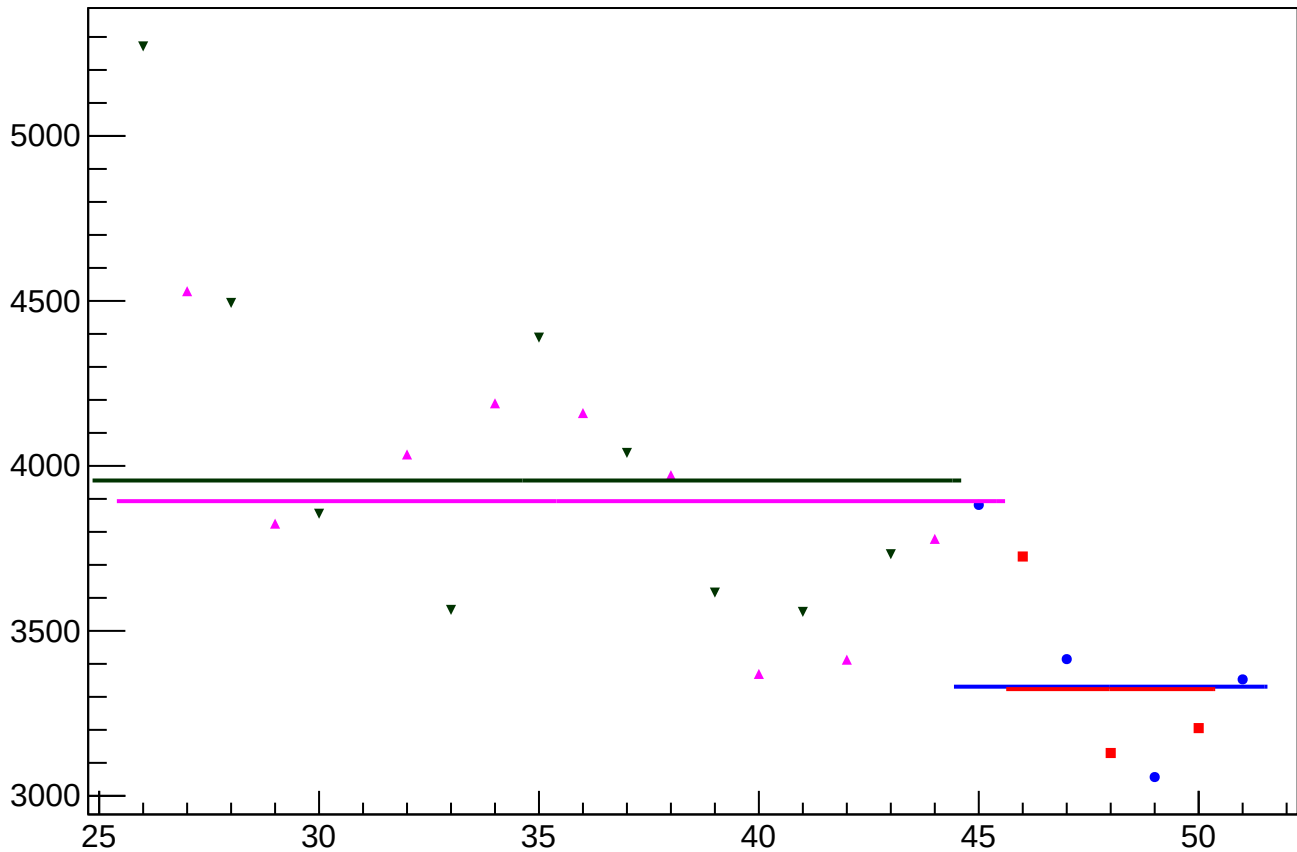
Left Out: -596.718 $\pm$ 1806.172 χ^2 /NDF: 6.8/8

Right Out: -1405.353 $\pm$ 2726.203 χ^2 /NDF: 3.3/2

Left In: -2972.241 $\pm$ 1648.547 χ^2 /NDF: 9.5/8

-1232.138 $\pm$ 981.048 χ^2 /NDF: 26.6/24

asym_sam_48_dd_correction_rms vs slug



Right In: 3330.879 ± 1.475 χ^2/NDF : 40384.5/3

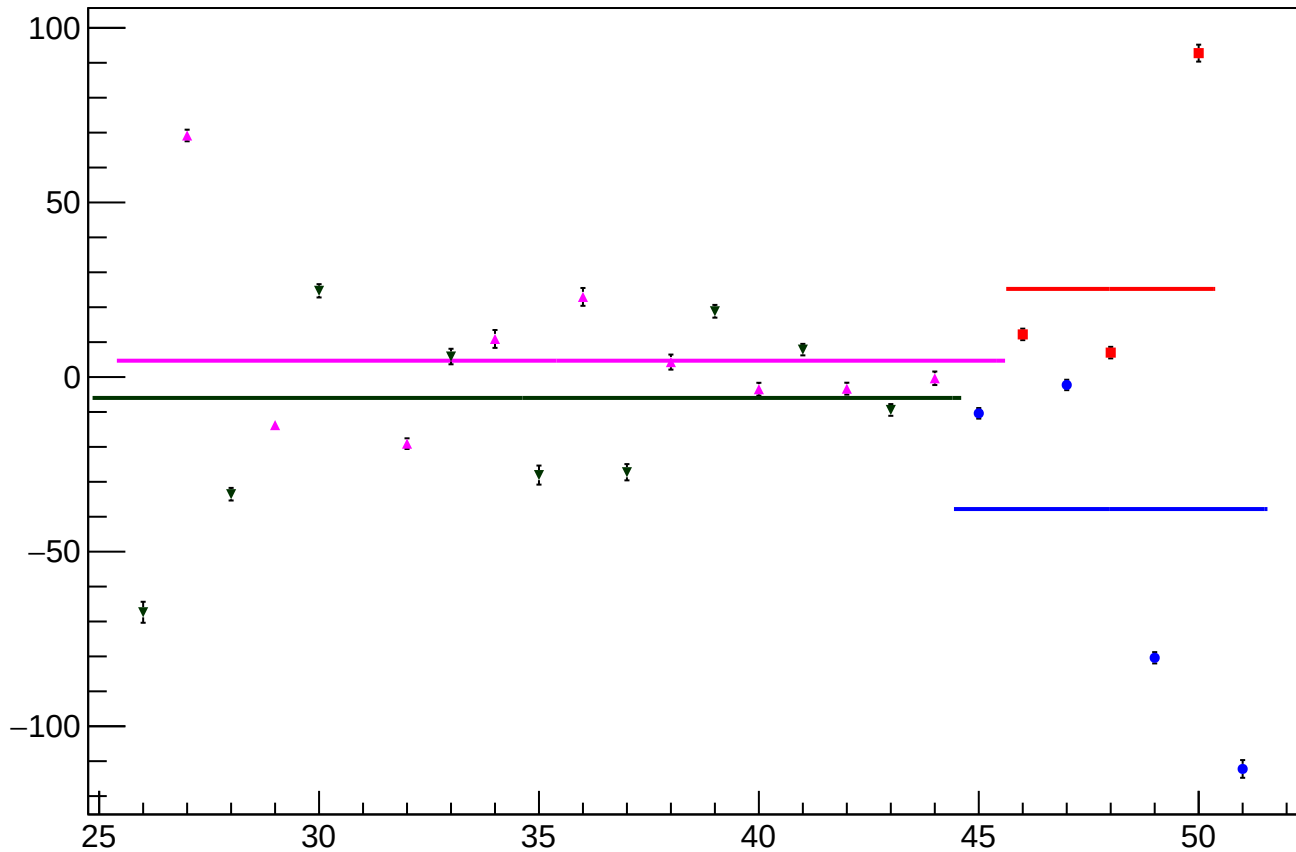
Left Out: 3955.749 ± 1.277 χ^2/NDF : 132278.2/8

3713.398 ± 0.694 χ^2/NDF : 448706.0/24

Right Out: 3323.484 ± 1.928 χ^2/NDF : 16801.2/2

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.8/8

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -37.798 ± 0.839 $\chi^2/\text{NDF}: 2446.5/3$

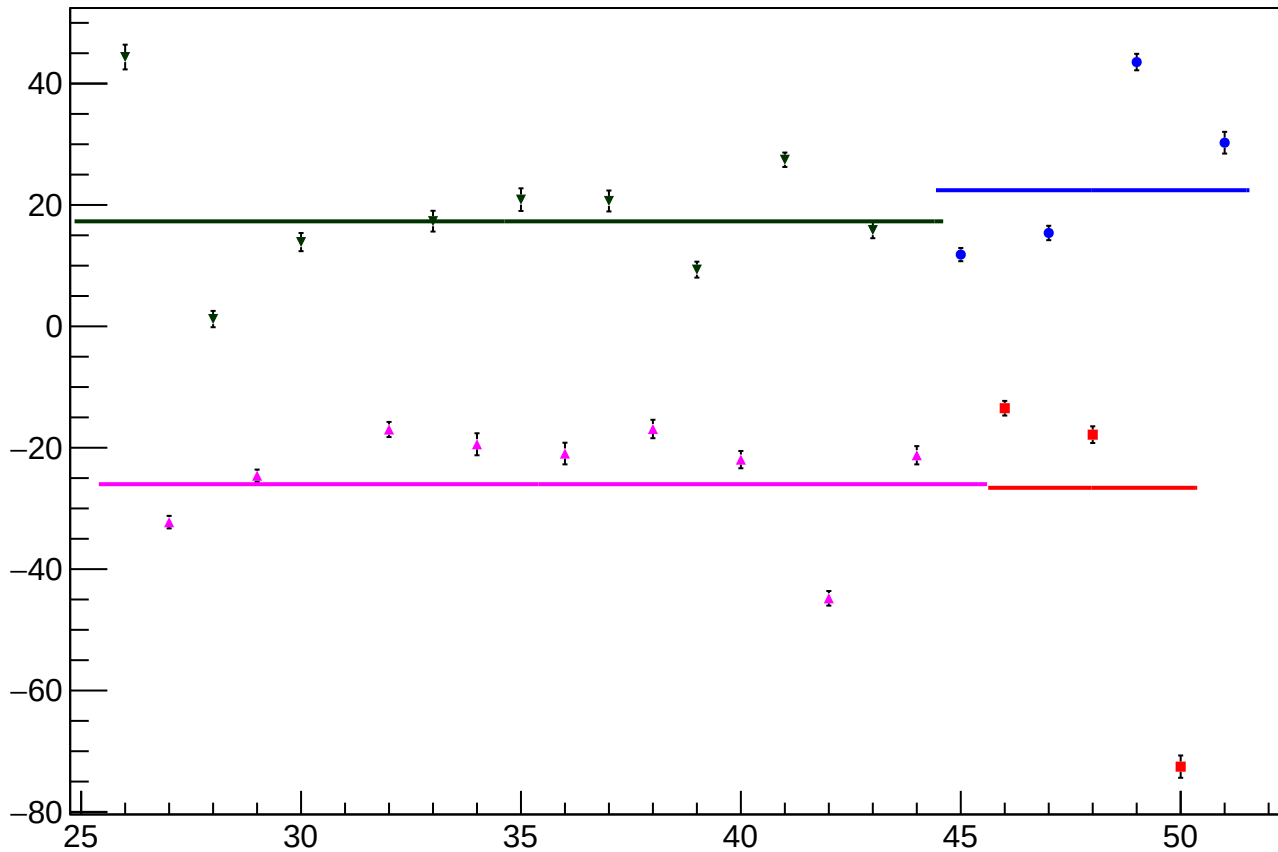
Left Out: -5.976 ± 0.669 $\chi^2/\text{NDF}: 1346.2/8$

-4.251 ± 0.369 $\chi^2/\text{NDF}: 9409.7/24$

Right Out: 25.244 ± 1.051 $\chi^2/\text{NDF}: 960.2/2$

Left In: 4.687 ± 0.600 $\chi^2/\text{NDF}: 2042.2/8$

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 22.426+/-0.645 χ^2/NDF : 390.9/3

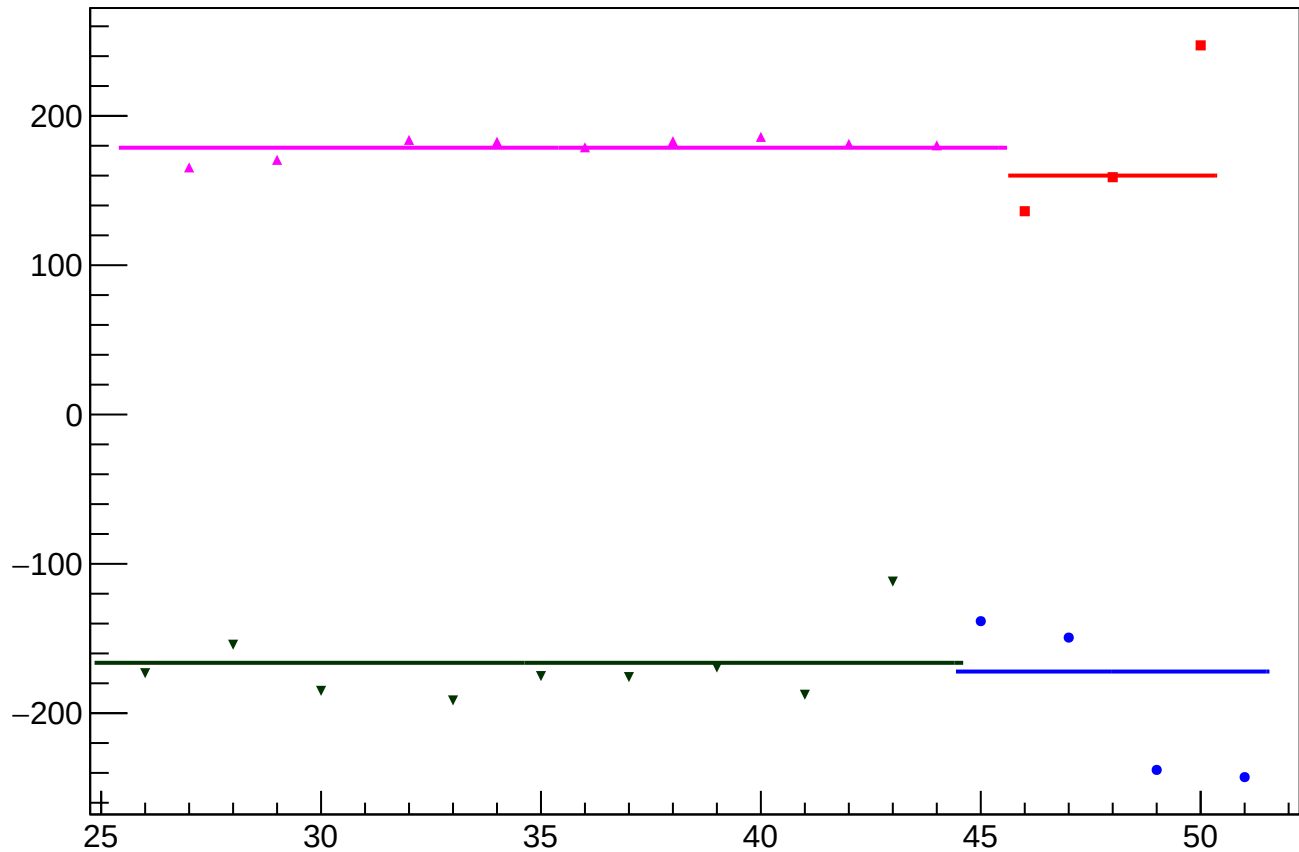
Left Out: 17.301+/-0.497 χ^2/NDF : 443.8/8

Right Out: -26.599+/-0.814 χ^2/NDF : 783.0/2

Left In: -26.003+/-0.437 χ^2/NDF : 409.3/8

-3.962+/-0.275 χ^2/NDF : 8855.8/24

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -172.120+/-0.146 χ^2/NDF : 91117.7/3

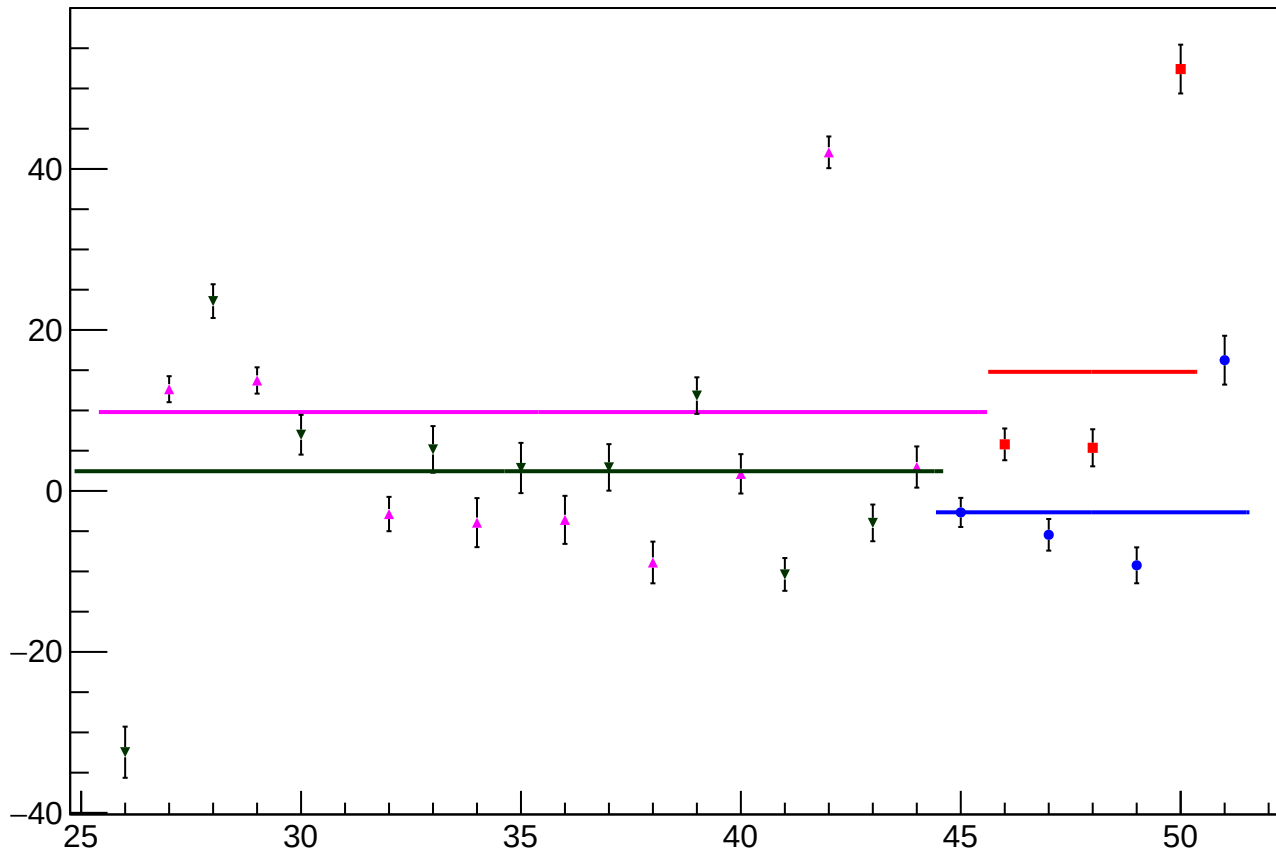
Left Out: -166.272+/-0.112 χ^2/NDF : 54572.5/8

Right Out: 160.021+/-0.175 χ^2/NDF : 44547.9/2

Left In: 178.677+/-0.104 χ^2/NDF : 4273.4/8

2.118+/-0.063 χ^2/NDF : 7584858.8/24

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -2.655 ± 1.069 $\chi^2/\text{NDF}: 49.5/3$

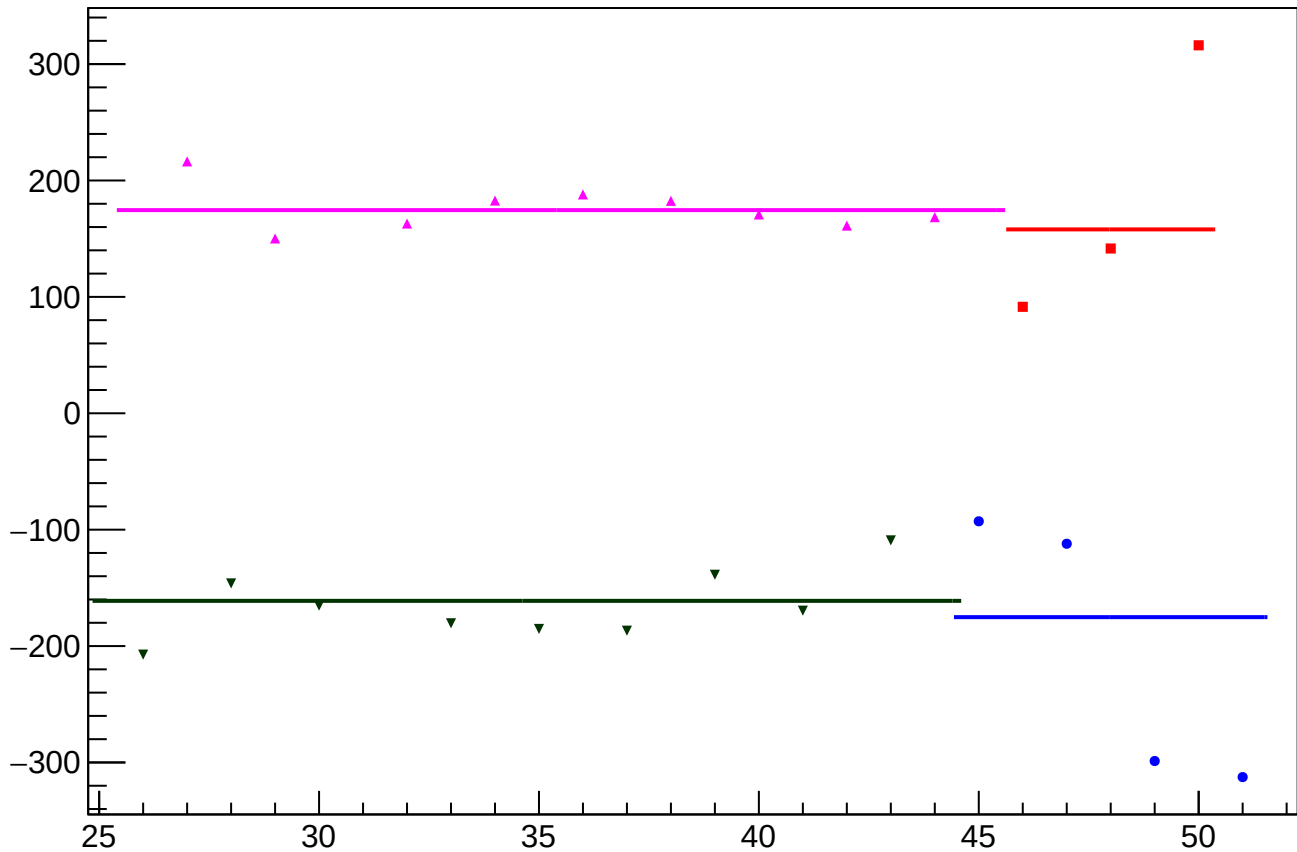
Left Out: 2.449 ± 0.828 $\chi^2/\text{NDF}: 291.1/8$

5.883 ± 0.456 $\chi^2/\text{NDF}: 1108.9/24$

Right Out: 14.796 ± 1.343 $\chi^2/\text{NDF}: 191.6/2$

Left In: 9.799 ± 0.721 $\chi^2/\text{NDF}: 422.2/8$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -175.149+/-0.209 χ^2/NDF : 216031.2/3

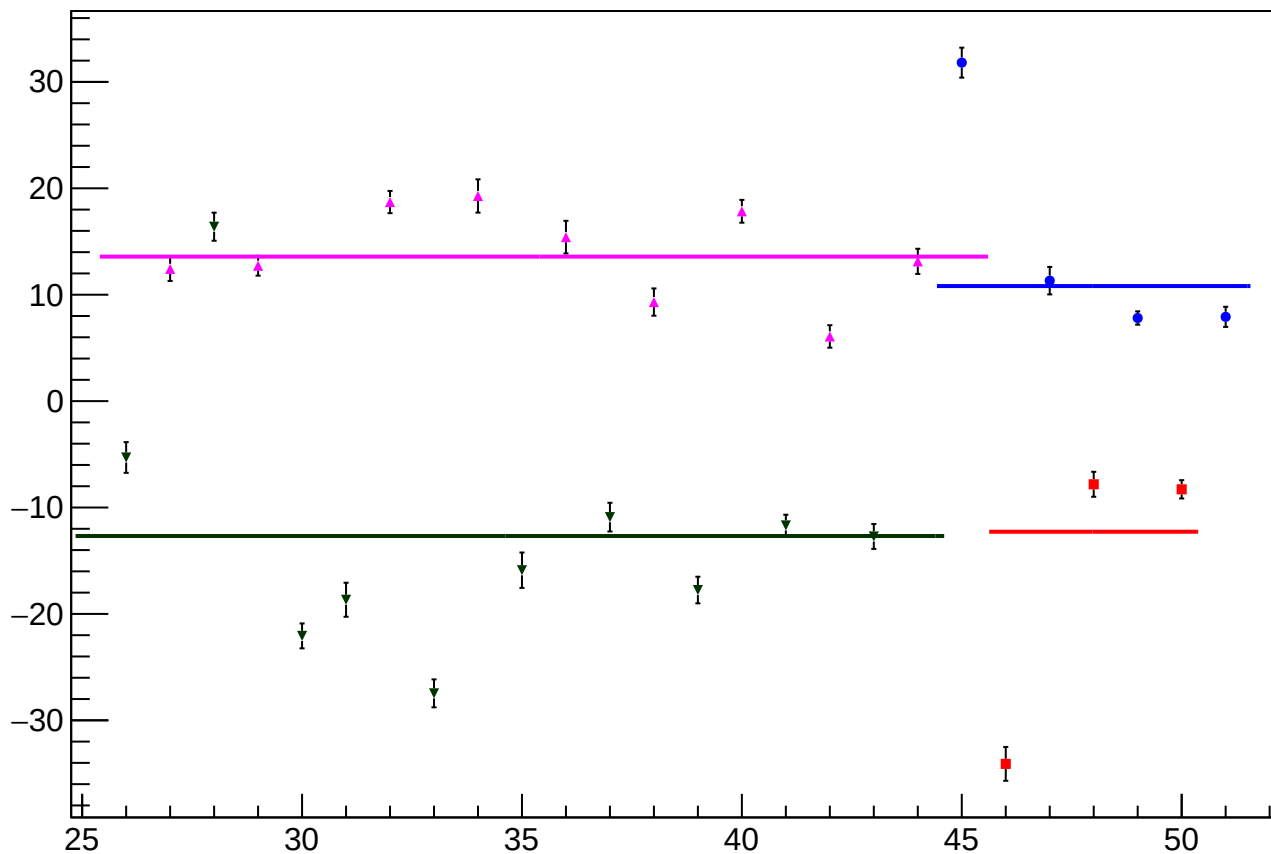
Left Out: -161.152+/-0.151 χ^2/NDF : 35710.6/8

-8.448+/-0.089 χ^2/NDF : 3914258.9/24

Right Out: 157.974+/-0.257 χ^2/NDF : 114278.0/2

Left In: 174.553+/-0.152 χ^2/NDF : 17338.1/8

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 10.813 ± 0.458 χ^2/NDF : 255.1/3

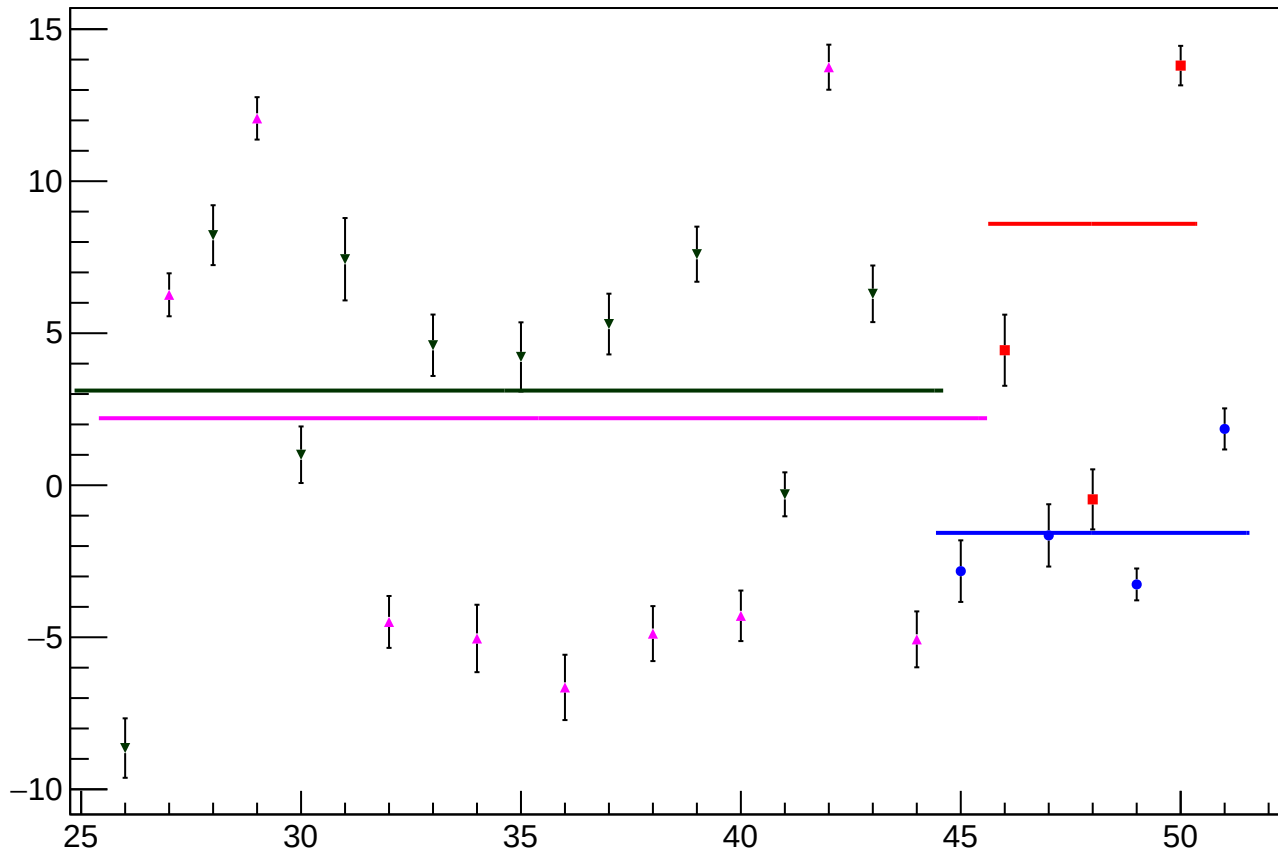
Left Out: -12.678 ± 0.407 χ^2/NDF : 739.7/9

Right Out: -12.275 ± 0.636 χ^2/NDF : 224.2/2

Left In: 13.580 ± 0.384 χ^2/NDF : 118.2/8

1.829 ± 0.223 χ^2/NDF : 4418.4/25

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -1.566 ± 0.359 $\chi^2/\text{NDF}: 37.6/3$

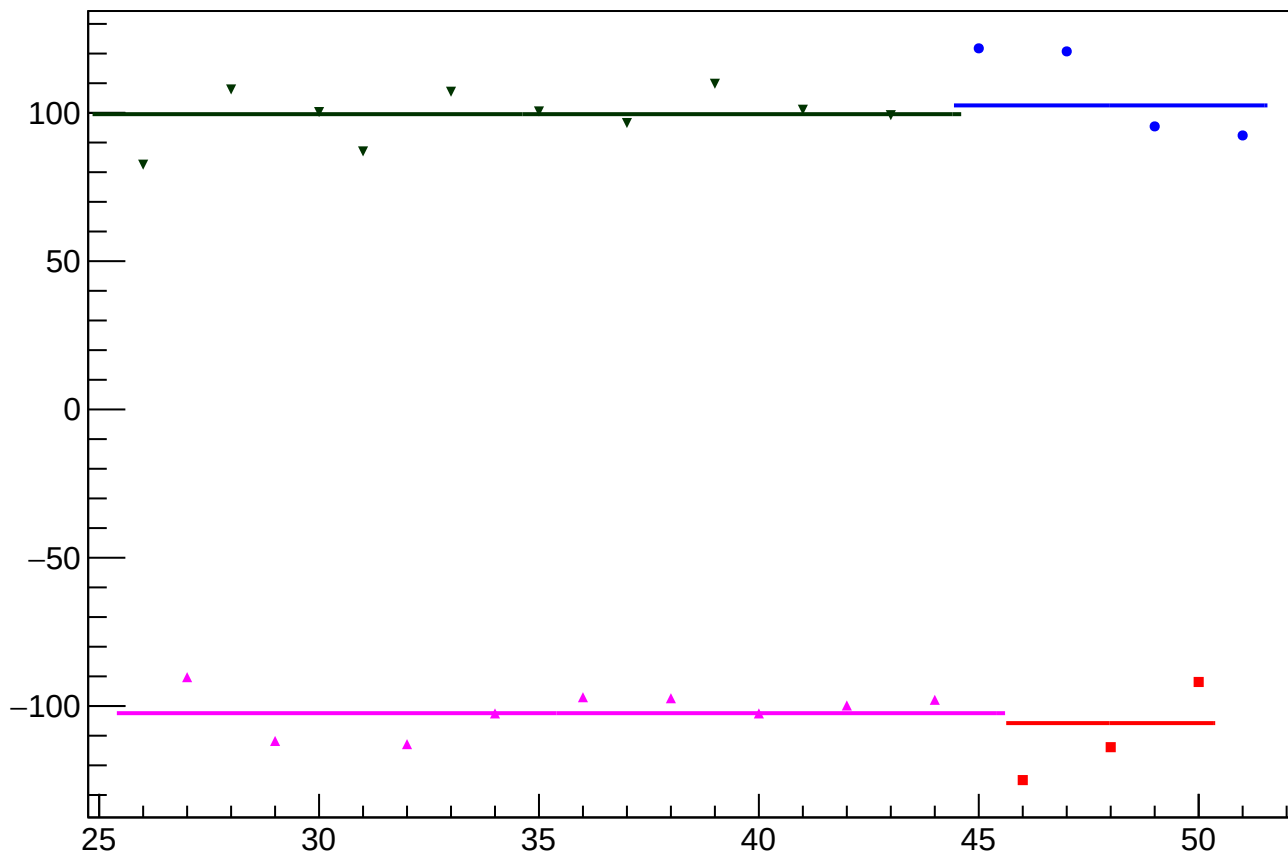
Left Out: 3.114 ± 0.304 $\chi^2/\text{NDF}: 253.2/9$

Right Out: 8.598 ± 0.492 $\chi^2/\text{NDF}: 161.0/2$

Left In: 2.204 ± 0.280 $\chi^2/\text{NDF}: 833.1/8$

2.400 ± 0.168 $\chi^2/\text{NDF}: 1571.5/25$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 102.517±/0.086 χ^2/NDF : 21096.9/3

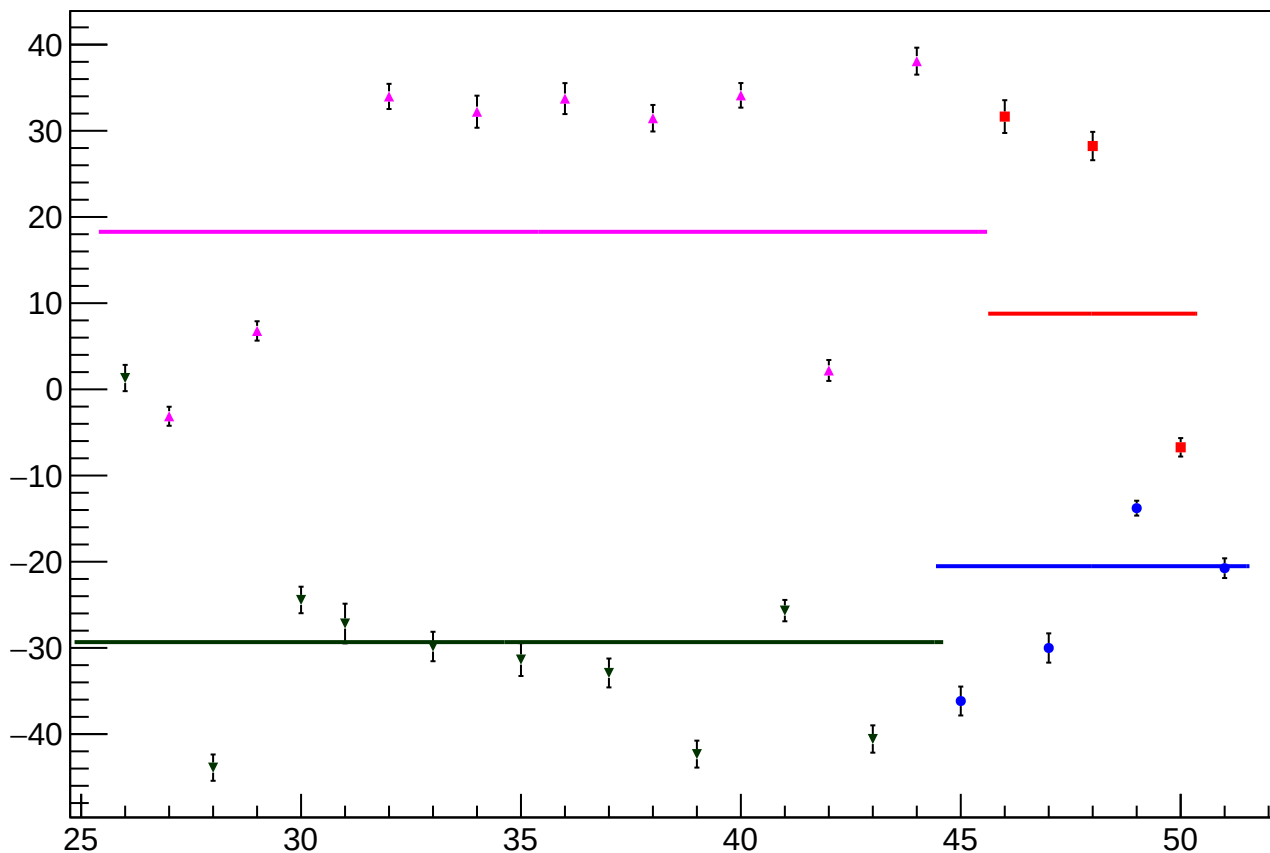
Left Out: 99.566±/0.067 χ^2/NDF :14211.8/9

Right Out: -105.759±/0.115 χ^2/NDF : 14941.5/2

Left In: -102.409±/0.066 χ^2/NDF :12175.8/8

7.282±/0.039 χ^2/NDF : 6929916.9/25

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -20.519 ± 0.597 χ^2/NDF : 179.4/3

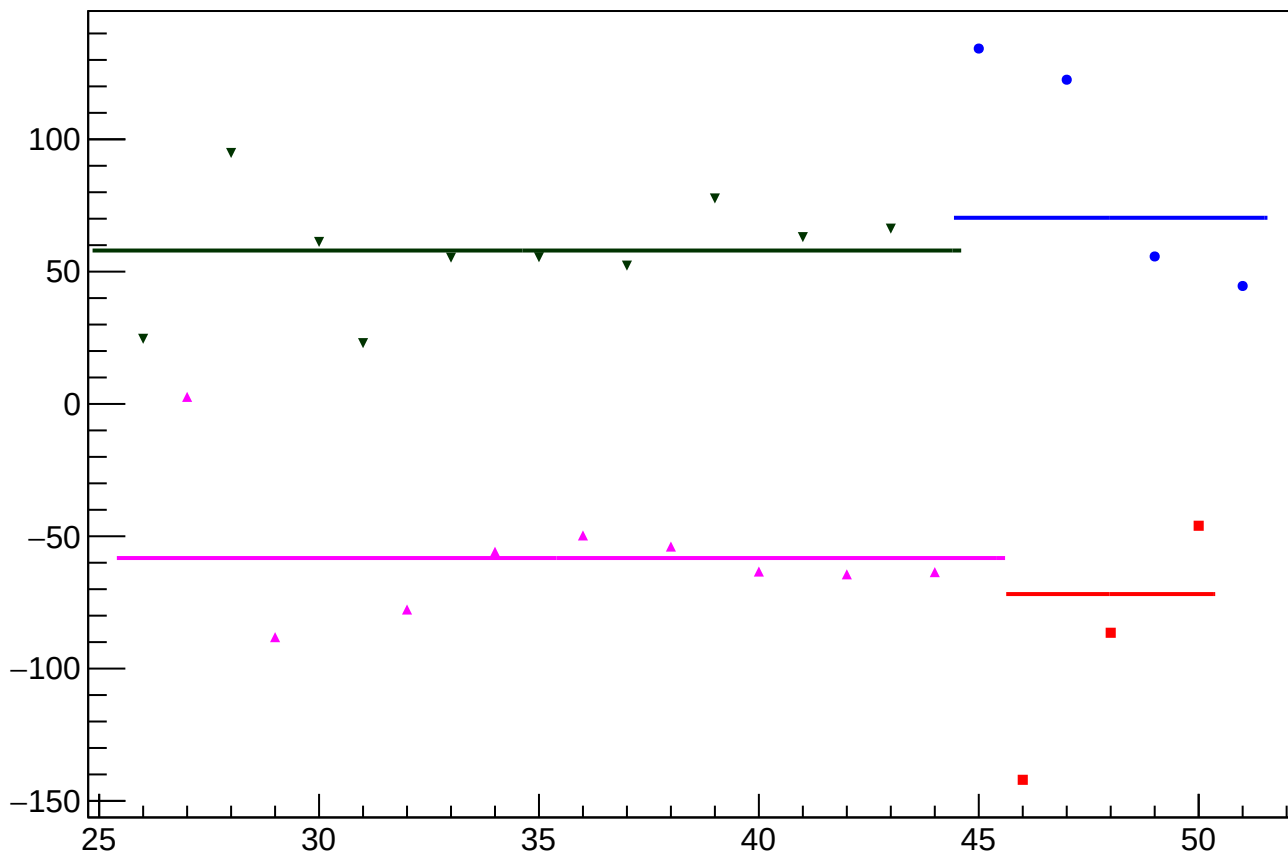
Left Out: -29.328 ± 0.506 χ^2/NDF : 640.3/9

Right Out: 8.782 ± 0.812 χ^2/NDF : 494.0/2

Left In: 18.278 ± 0.462 χ^2/NDF : 1258.8/8

-5.677 ± 0.278 χ^2/NDF : 8378.9/25

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 70.349+/-0.115 χ^2/NDF : 83146.6/3

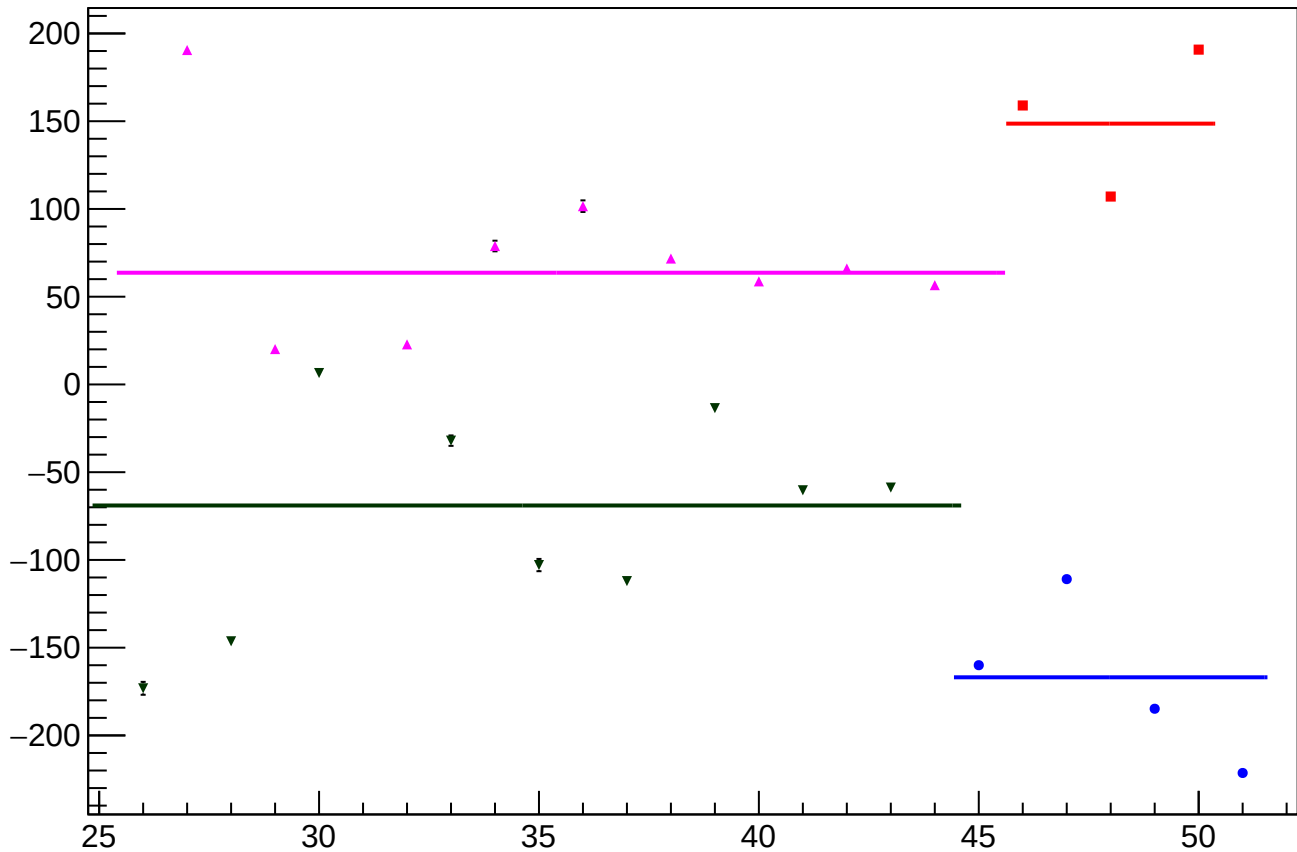
Left Out: 57.976+/-0.092 χ^2/NDF : 48326.9/9

7.435+/-0.054 χ^2/NDF : 1613370.5/25

Right Out: -71.840+/-0.147 χ^2/NDF : 55512.1/2

Left In: -58.229+/-0.096 χ^2/NDF : 65783.8/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -166.881 ± 1.088 $\chi^2/\text{NDF}: 1126.2/3$

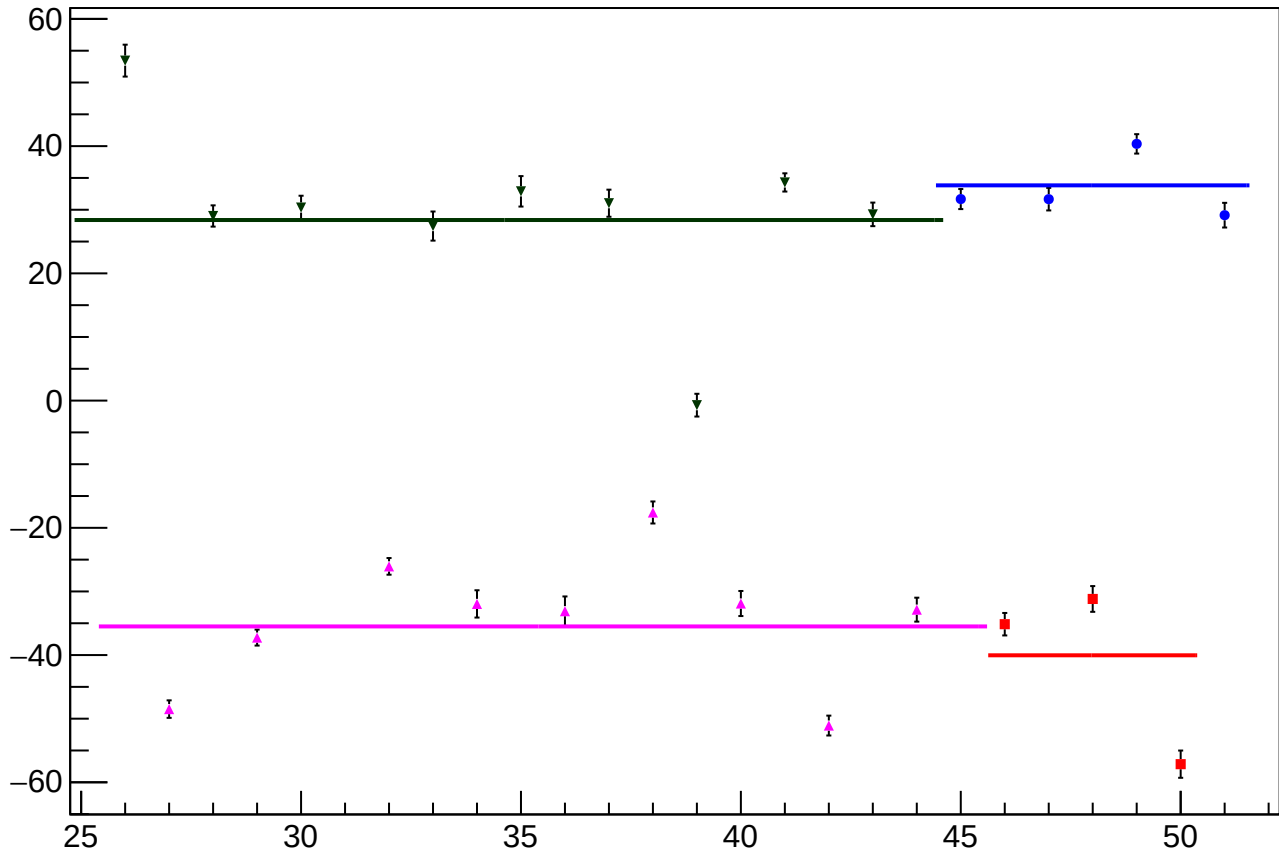
Left Out: -68.974 ± 0.854 $\chi^2/\text{NDF}: 4033.6/8$

-10.476 ± 0.469 $\chi^2/\text{NDF}: 58010.0/24$

Right Out: 148.620 ± 1.462 $\chi^2/\text{NDF}: 534.4/2$

Left In: 63.663 ± 0.734 $\chi^2/\text{NDF}: 4921.5/8$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 33.834+/-0.840 χ^2/NDF : 27.5/3

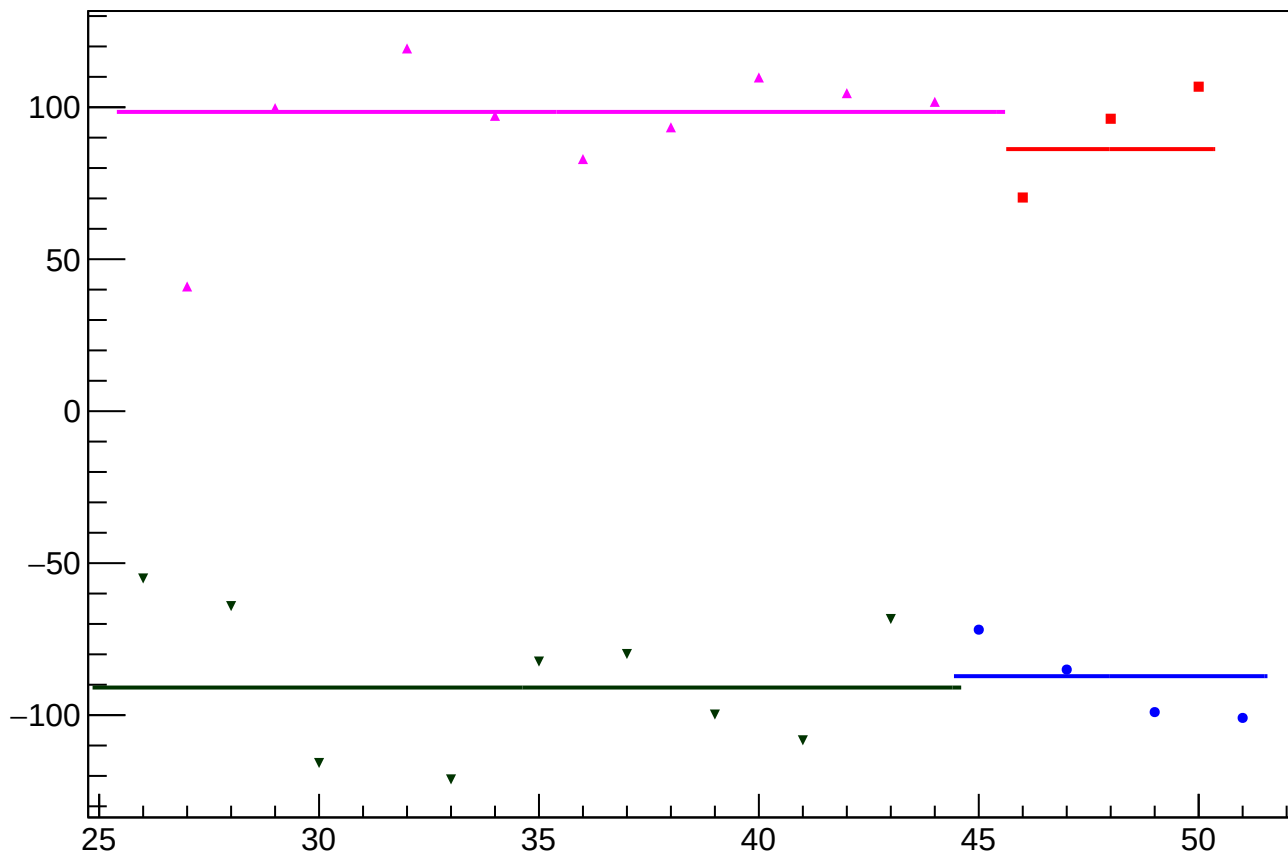
Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

Right Out: -40.038+/-1.130 χ^2/NDF : 90.7/2

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

-4.296+/-0.351 χ^2/NDF : 9919.2/24

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -87.185 ± 0.194 χ^2/NDF : 3732.6/3

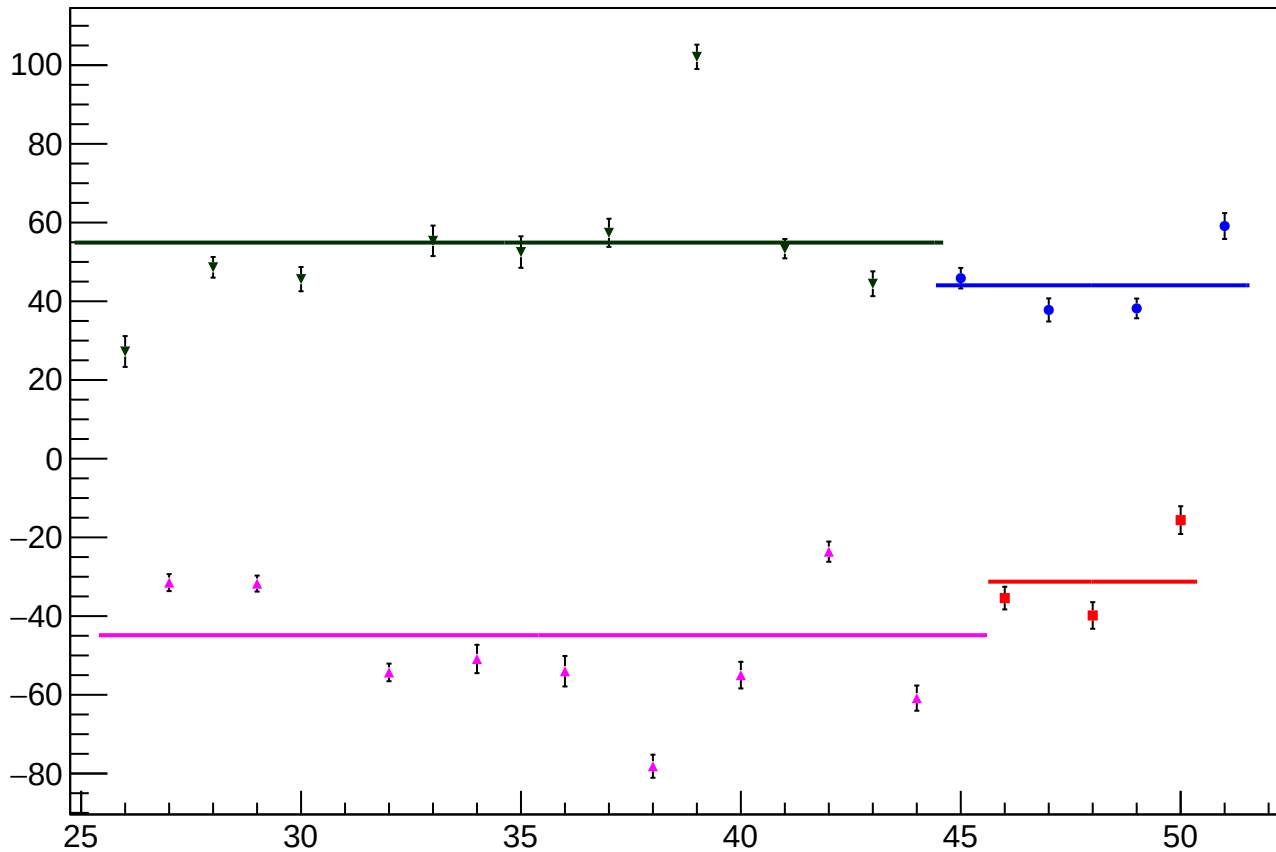
Left Out: -90.923 ± 0.142 χ^2/NDF : 23966.6/8

Right Out: 86.228 ± 0.247 χ^2/NDF : 3907.3/2

Left In: 98.464 ± 0.125 χ^2/NDF : 31724.1/8

6.031 ± 0.080 χ^2/NDF : 1414108.8/24

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 44.056+/-1.395 χ^2/NDF : 31.5/3

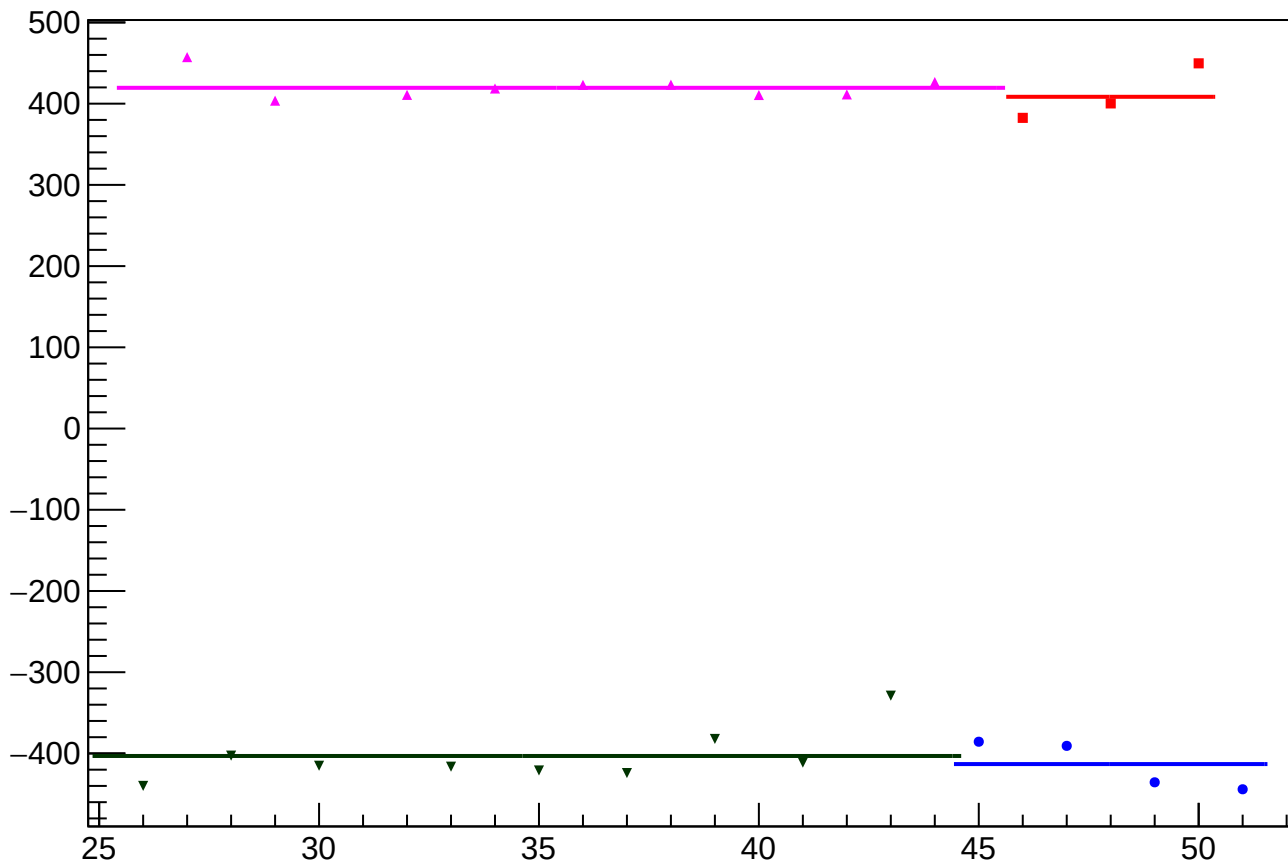
Left Out: 54.915+/-1.058 χ^2/NDF : 309.2/8

2.211+/-0.582 χ^2/NDF : 7182.9/24

Right Out: -31.249+/-1.863 χ^2/NDF : 28.1/2

Left In: -44.844+/-0.893 χ^2/NDF : 337.0/8

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -413.095+/-0.273 χ^2/NDF : 8773.3/3

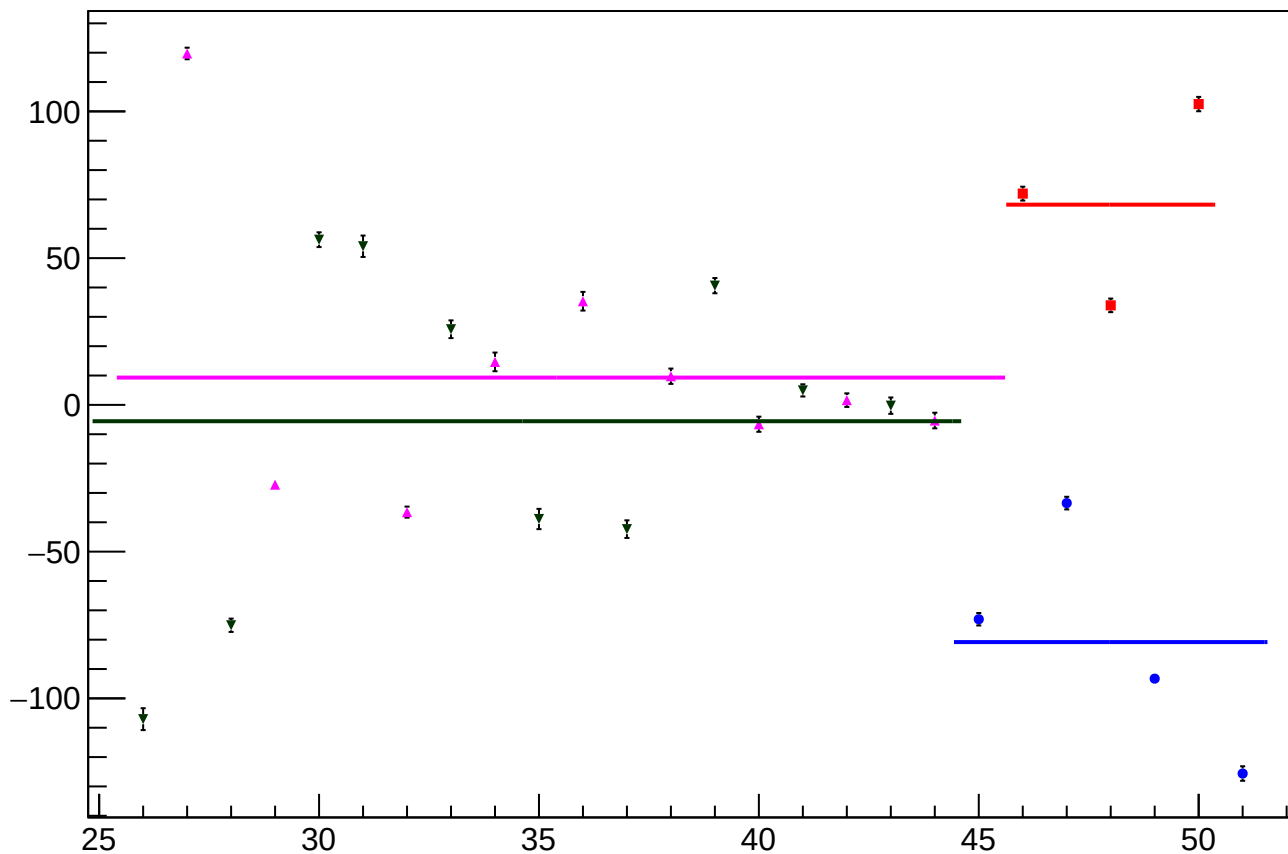
Left Out: -403.123+/-0.196 χ^2/NDF : 24564.7/8

Right Out: 408.449+/-0.352 χ^2/NDF : 6410.4/2

Left In: 419.518+/-0.188 χ^2/NDF : 6841.4/8

-12.373+/-0.115 χ^2/NDF : 12862134.8/24

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -80.819 ± 1.014 $\chi^2/\text{NDF}: 883.1/3$

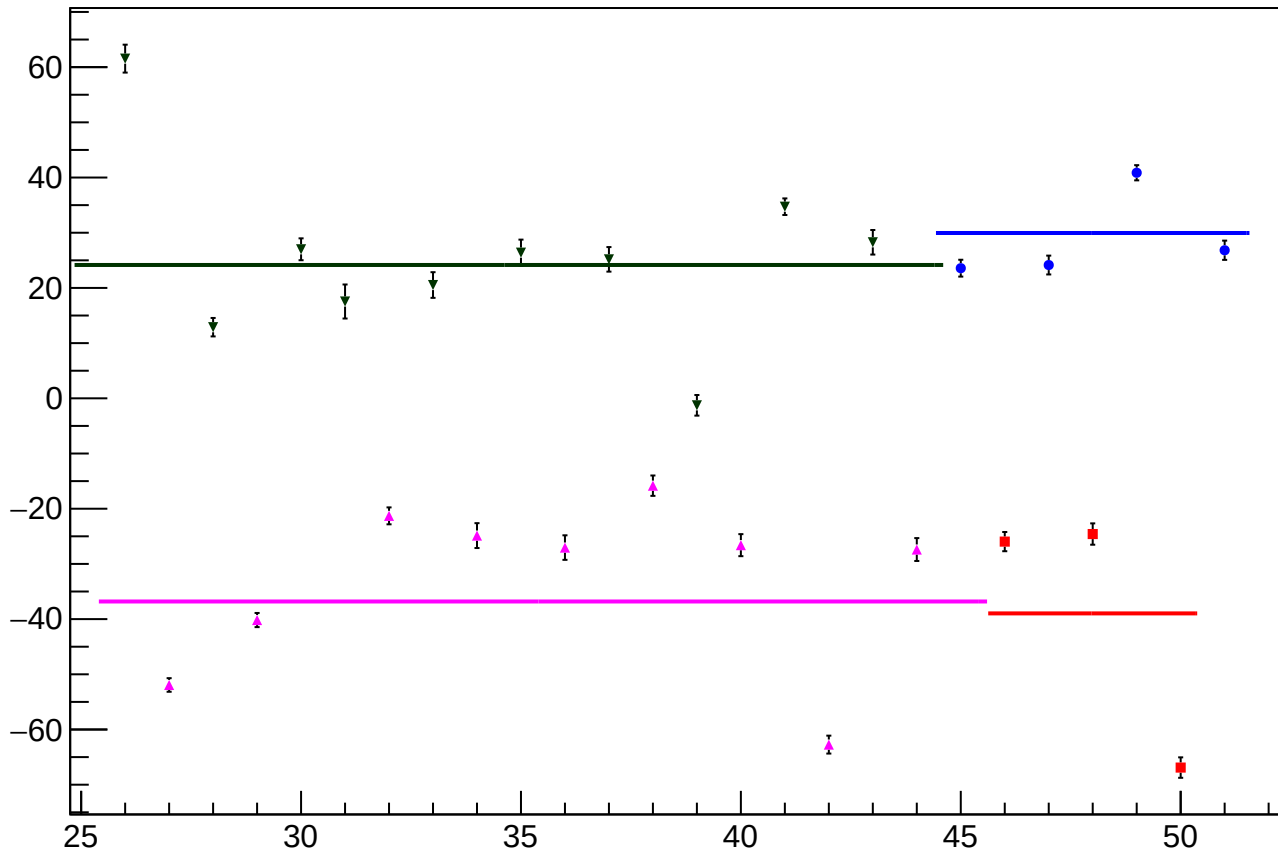
Left Out: -5.564 ± 0.873 $\chi^2/\text{NDF}: 3249.0/9$

Right Out: 68.221 ± 1.371 $\chi^2/\text{NDF}: 418.7/2$

Left In: 9.304 ± 0.765 $\chi^2/\text{NDF}: 4334.5/8$

-7.462 ± 0.470 $\chi^2/\text{NDF}: 17654.3/25$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 29.954+/-0.784 χ^2/NDF : 95.0/3

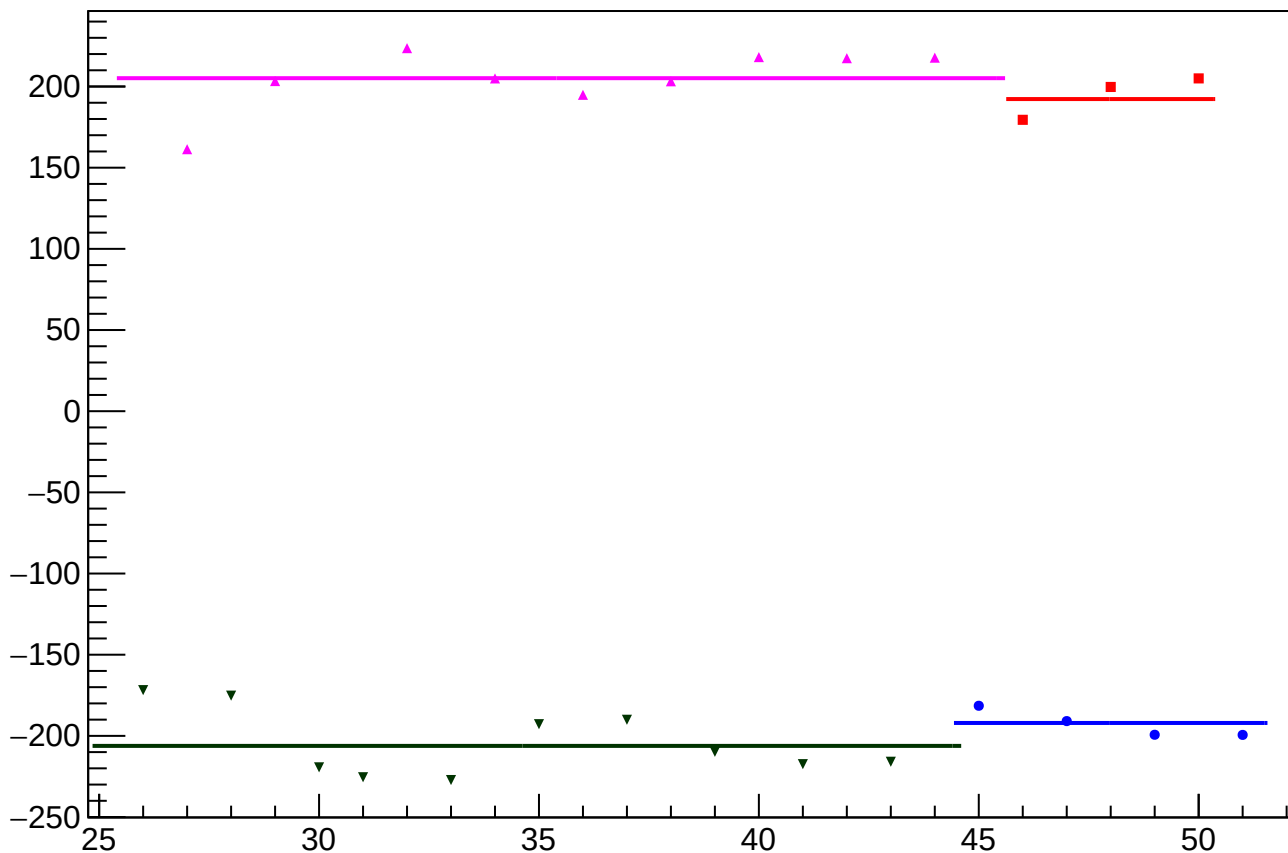
Left Out: 24.159+/-0.649 χ^2/NDF : 512.4/9

-5.915+/-0.351 χ^2/NDF : 9997.4/25

Right Out: -38.966+/-1.060 χ^2/NDF : 338.6/2

Left In: -36.807+/-0.555 χ^2/NDF : 738.6/8

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -192.047+/-0.182 χ^2/NDF : 1729.2/3

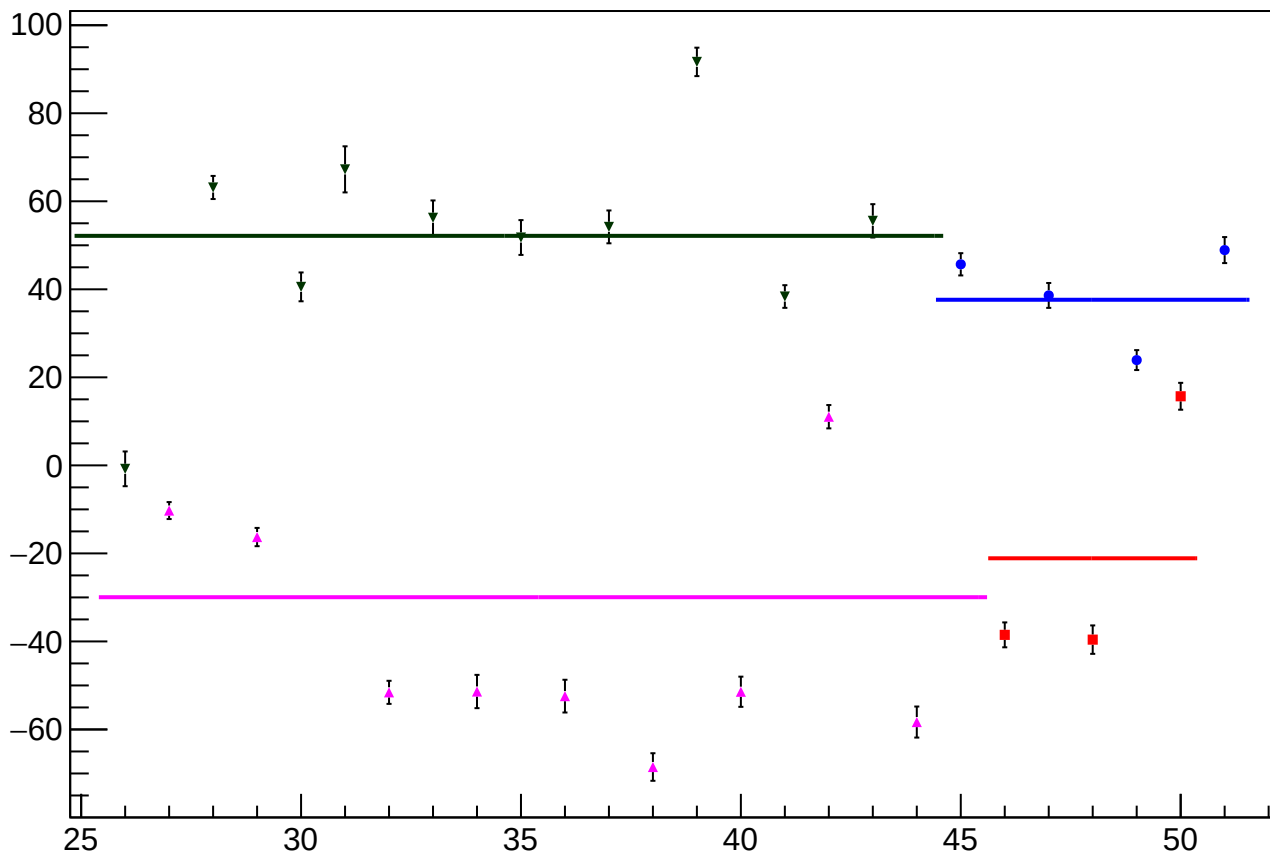
Left Out: -206.170+/-0.144 χ^2/NDF : 16992.5/9

Right Out: 192.273+/-0.235 χ^2/NDF : 2343.8/2

Left In: 205.134+/-0.132 χ^2/NDF : 22564.1/8

-2.642+/-0.080 χ^2/NDF : 6310416.7/25

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 37.626+/-1.301 χ^2/NDF : 61.5/3

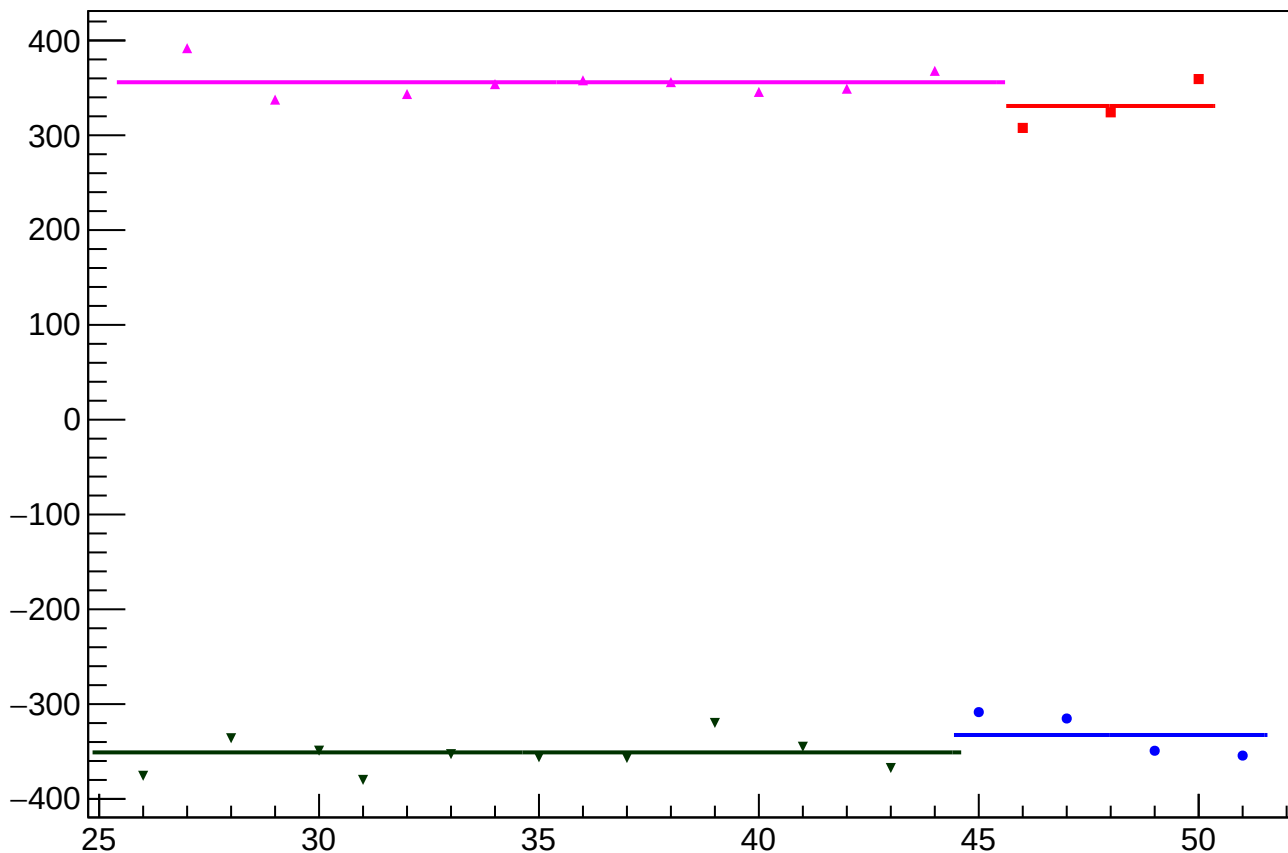
Left Out: 52.148+/-1.081 χ^2/NDF : 398.7/9

8.086+/-0.580 χ^2/NDF : 5647.0/25

Right Out: -21.112+/-1.746 χ^2/NDF : 215.7/2

Left In: -29.954+/-0.913 χ^2/NDF : 779.2/8

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -332.570±/0.254 χ^2 /NDF: 6139.0/3

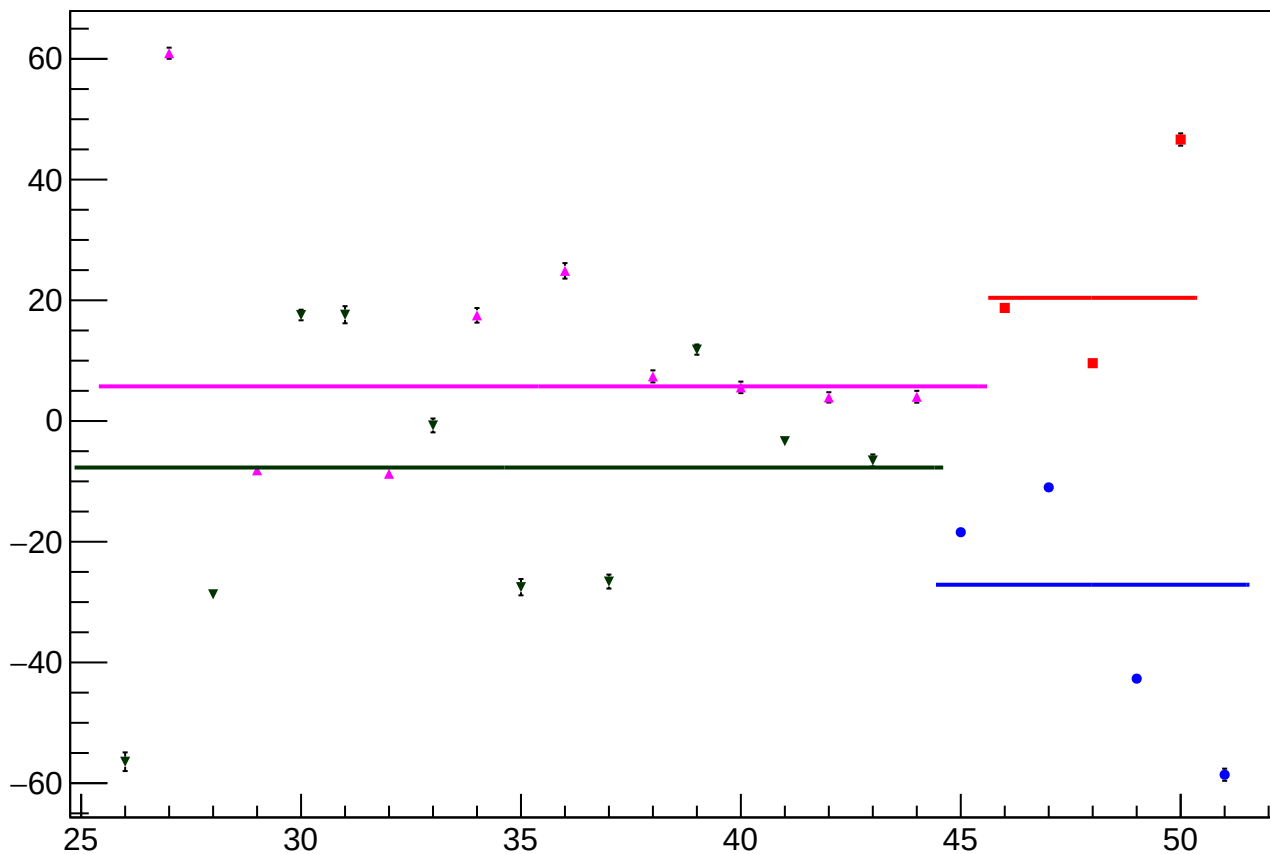
Left Out: -350.928±/0.200 χ^2 /NDF:6500.1/9

Right Out: 330.893±/0.328 χ^2 /NDF: 4491.7/2

Left In: 355.932±/0.194 χ^2 /NDF:7933.3/8

-18.794±/0.114 χ^2 /NDF: 9189184.8/25

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -27.123 ± 0.333 χ^2/NDF : 2426.6/3

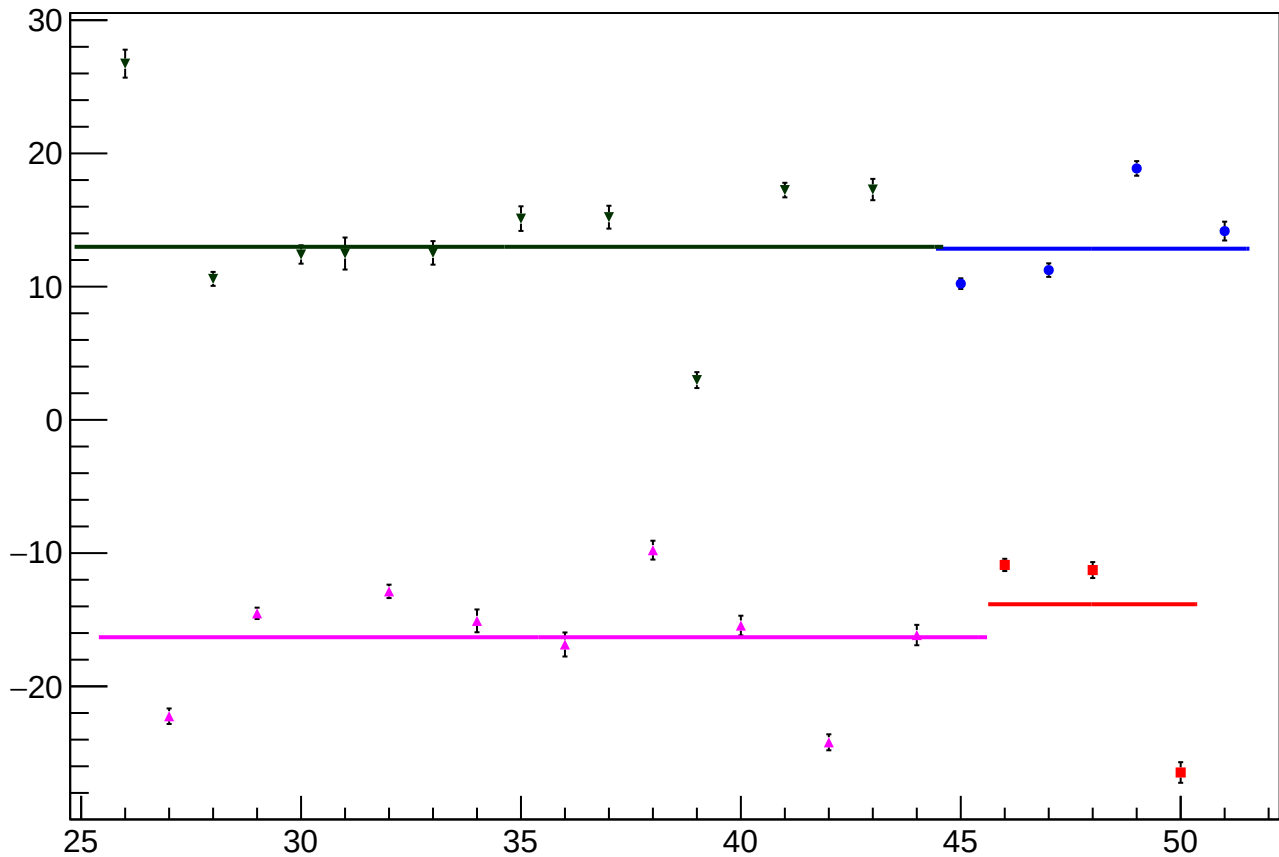
Left Out: -7.705 ± 0.310 χ^2/NDF : 4119.2/9

Right Out: 20.413 ± 0.429 χ^2/NDF : 895.2/2

Left In: 5.740 ± 0.280 χ^2/NDF : 5095.7/8

-3.738 ± 0.163 χ^2/NDF : 21947.6/25

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.848 ± 0.254 $\chi^2/\text{NDF}: 177.2/3$

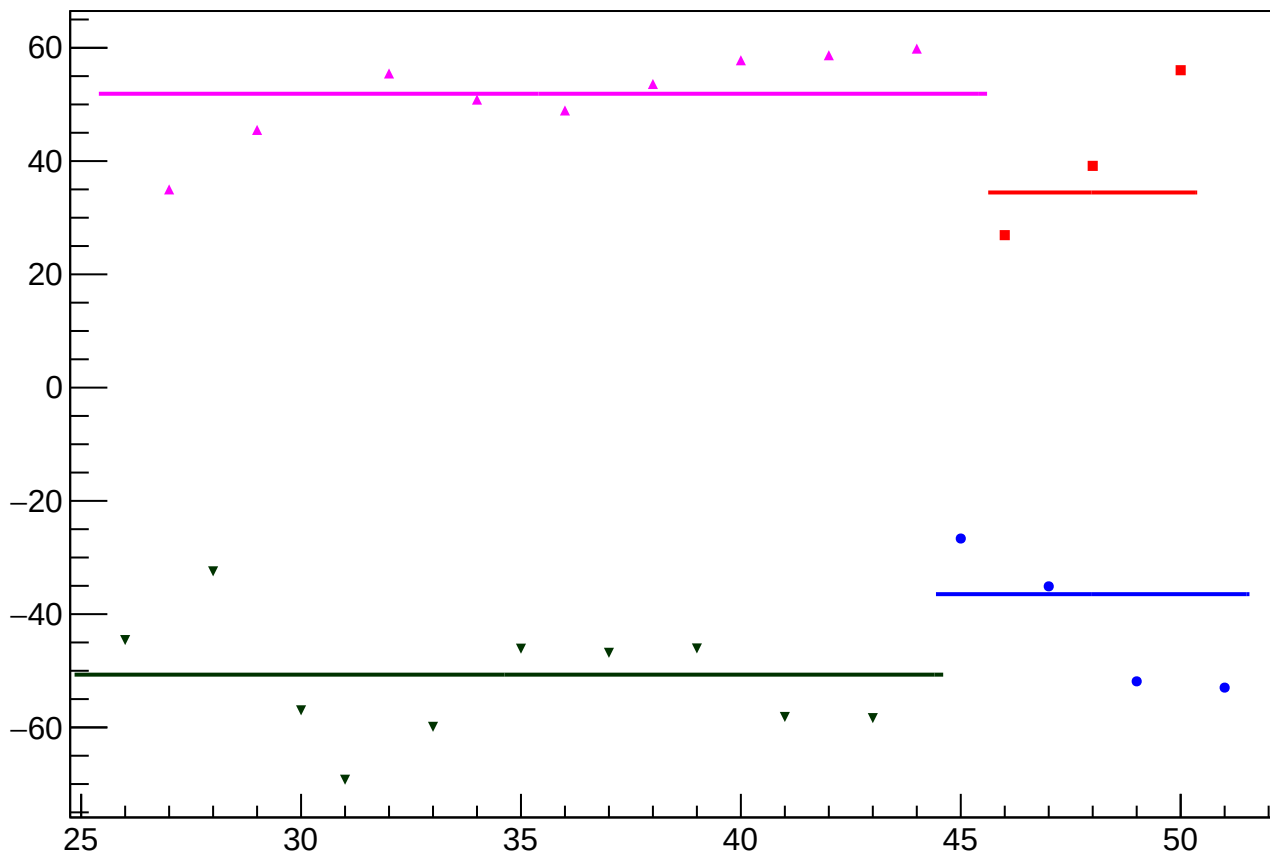
Left Out: 12.989 ± 0.230 $\chi^2/\text{NDF}: 575.2/9$

Right Out: -13.839 ± 0.330 $\chi^2/\text{NDF}: 326.1/2$

Left In: -16.313 ± 0.207 $\chi^2/\text{NDF}: 430.4/8$

-0.953 ± 0.122 $\chi^2/\text{NDF}: 15141.8/25$

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.471 ± 0.058 $\chi^2/\text{NDF}: 33958.5/3$

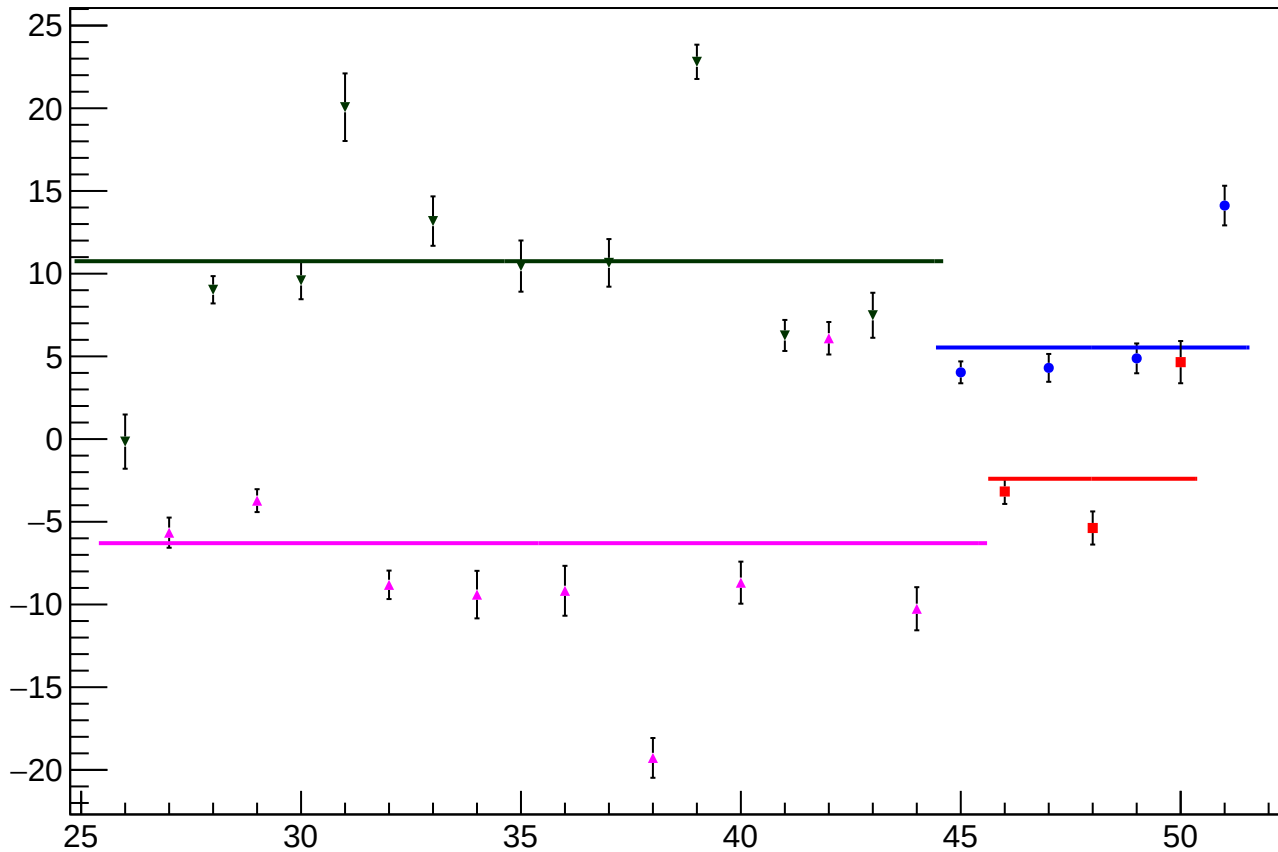
Left Out: -50.683 ± 0.051 $\chi^2/\text{NDF}: 44365.5/9$

Right Out: 34.457 ± 0.071 $\chi^2/\text{NDF}: 19921.5/2$

Left In: 51.889 ± 0.048 $\chi^2/\text{NDF}: 21653.9/8$

-0.603 ± 0.028 $\chi^2/\text{NDF}: 2904428.1/25$

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 5.537 $\pm$ 0.422 χ^2/NDF : 59.1/3

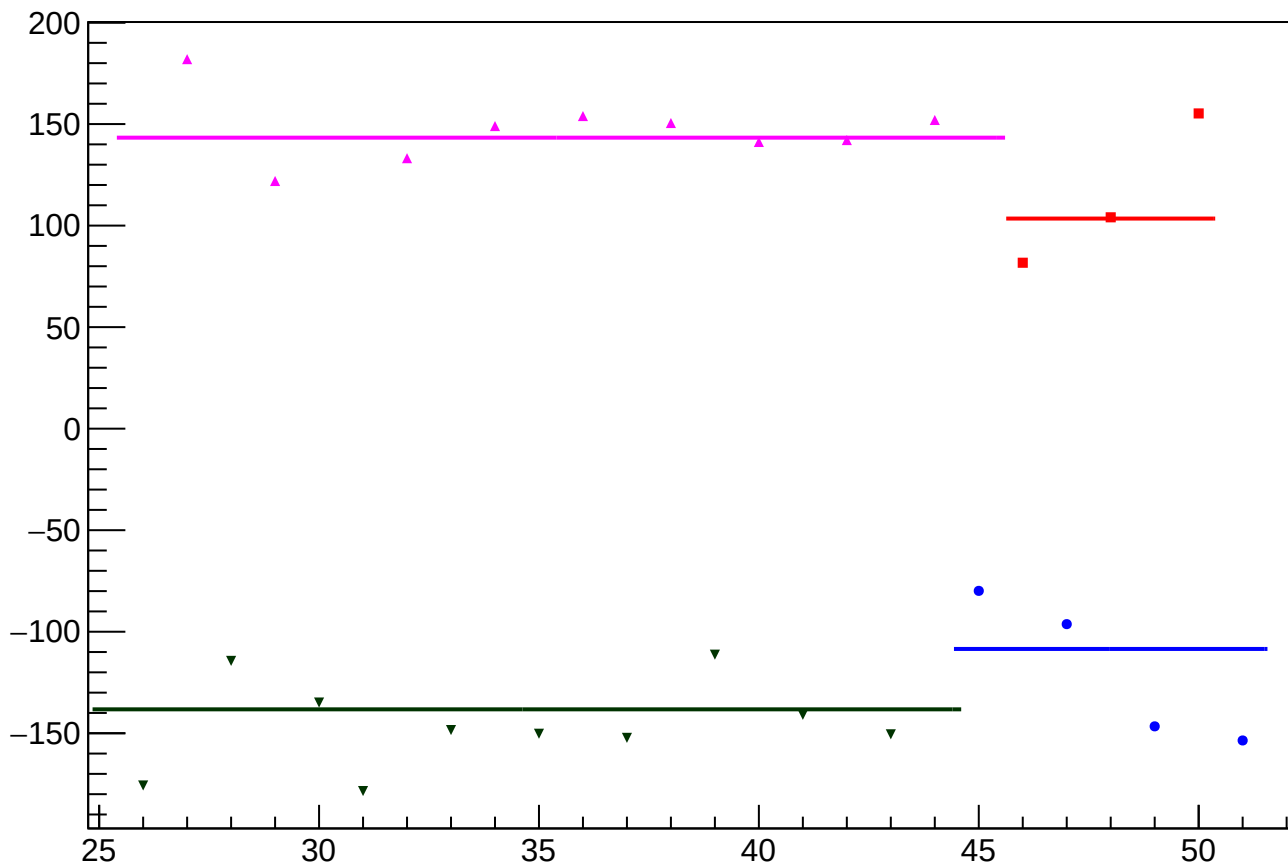
Left Out: 10.754 $\pm$ 0.383 χ^2/NDF : 236.9/9

1.758 $\pm$ 0.203 χ^2/NDF : 1895.9/25

Right Out: -2.399 $\pm$ 0.544 χ^2/NDF : 40.4/2

Left In: -6.293 $\pm$ 0.343 χ^2/NDF : 319.3/8

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -108.481+/-0.083 χ^2/NDF : 136694.7/3

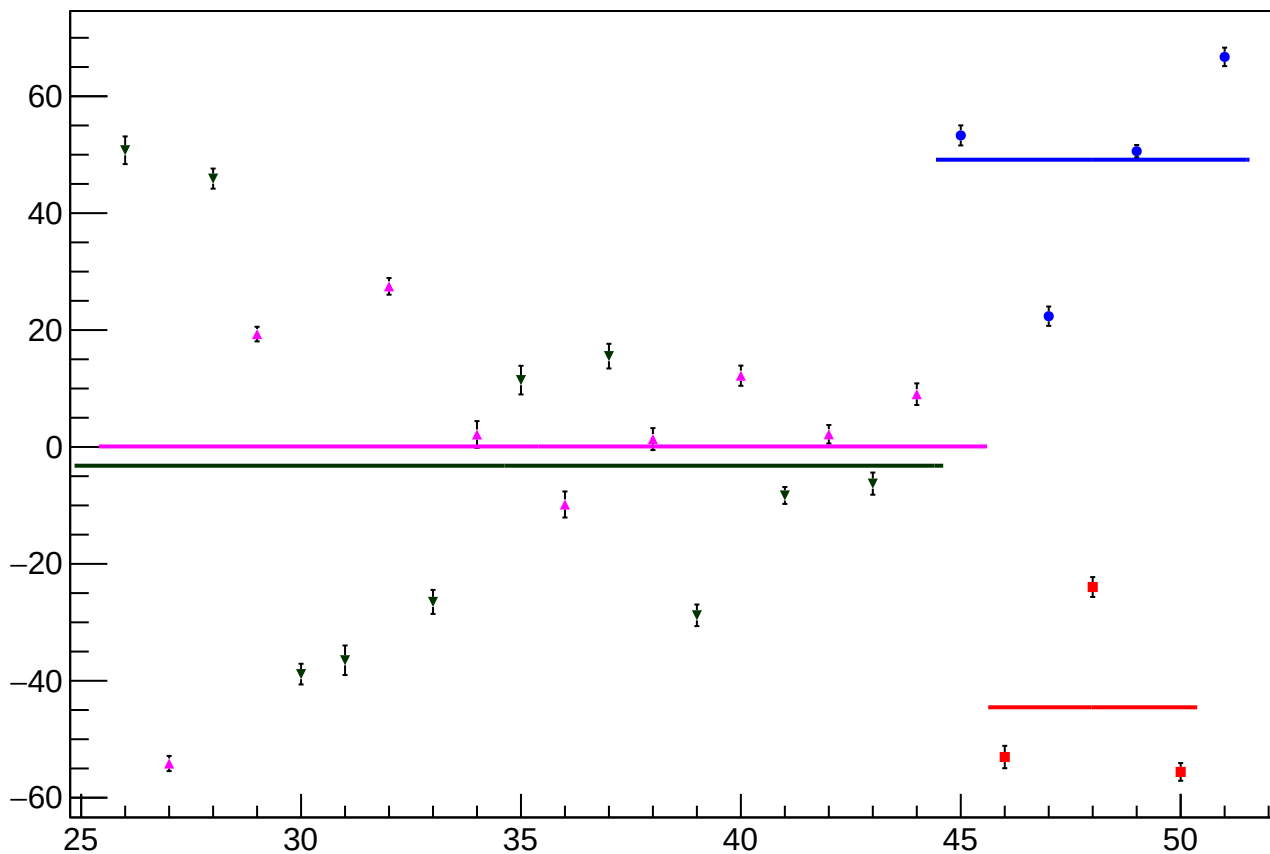
Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

Right Out: 103.464+/-0.104 χ^2/NDF : 72145.8/2

Left In: 143.304+/-0.072 χ^2/NDF : 54954.0/8

-9.021+/-0.040 χ^2/NDF : 10668608.0/25

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 49.145 ± 0.707 $\chi^2/\text{NDF}: 393.2/3$

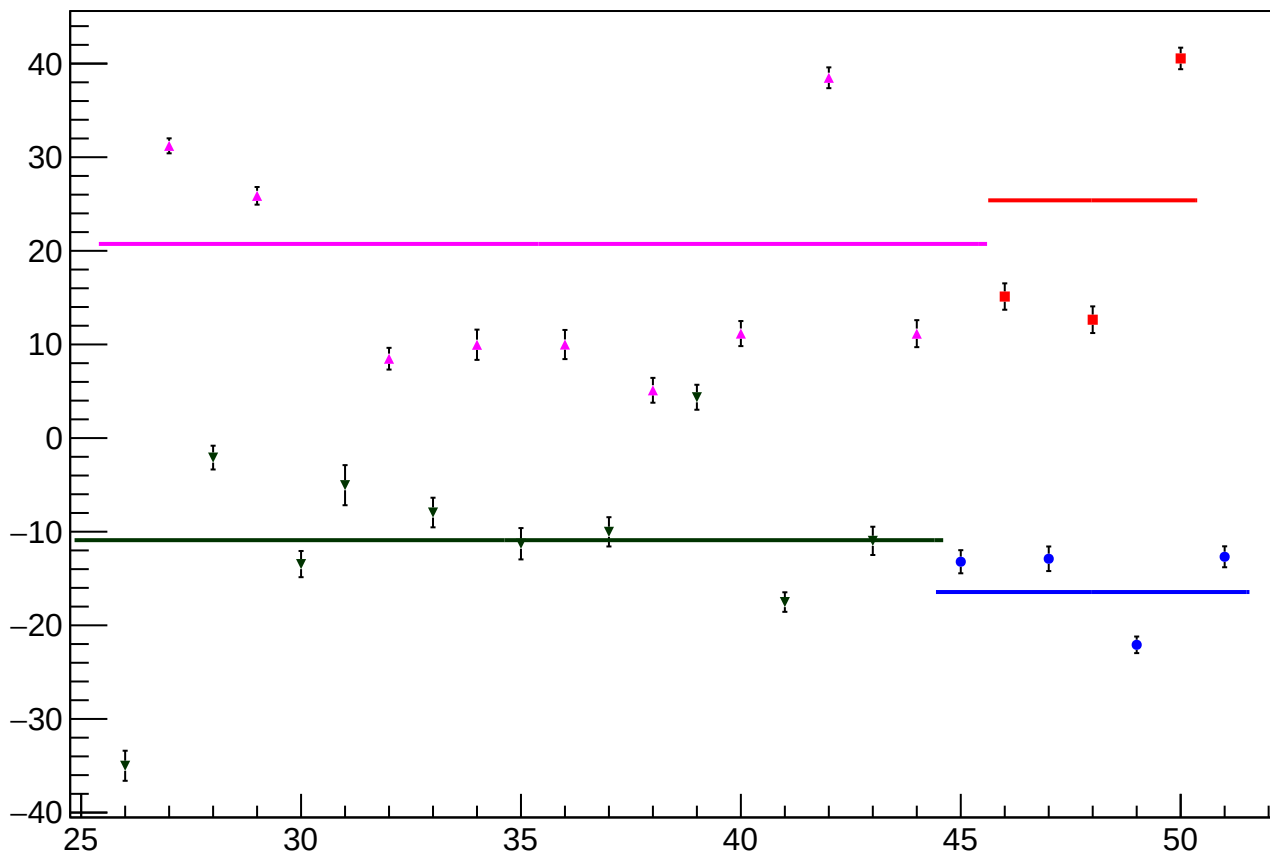
Left Out: -3.205 ± 0.612 $\chi^2/\text{NDF}: 2363.4/9$

4.738 ± 0.331 $\chi^2/\text{NDF}: 12155.9/25$

Right Out: -44.536 ± 0.975 $\chi^2/\text{NDF}: 218.9/2$

Left In: 0.090 ± 0.541 $\chi^2/\text{NDF}: 2438.4/8$

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -16.444 ± 0.550 χ^2/NDF : 66.1/3

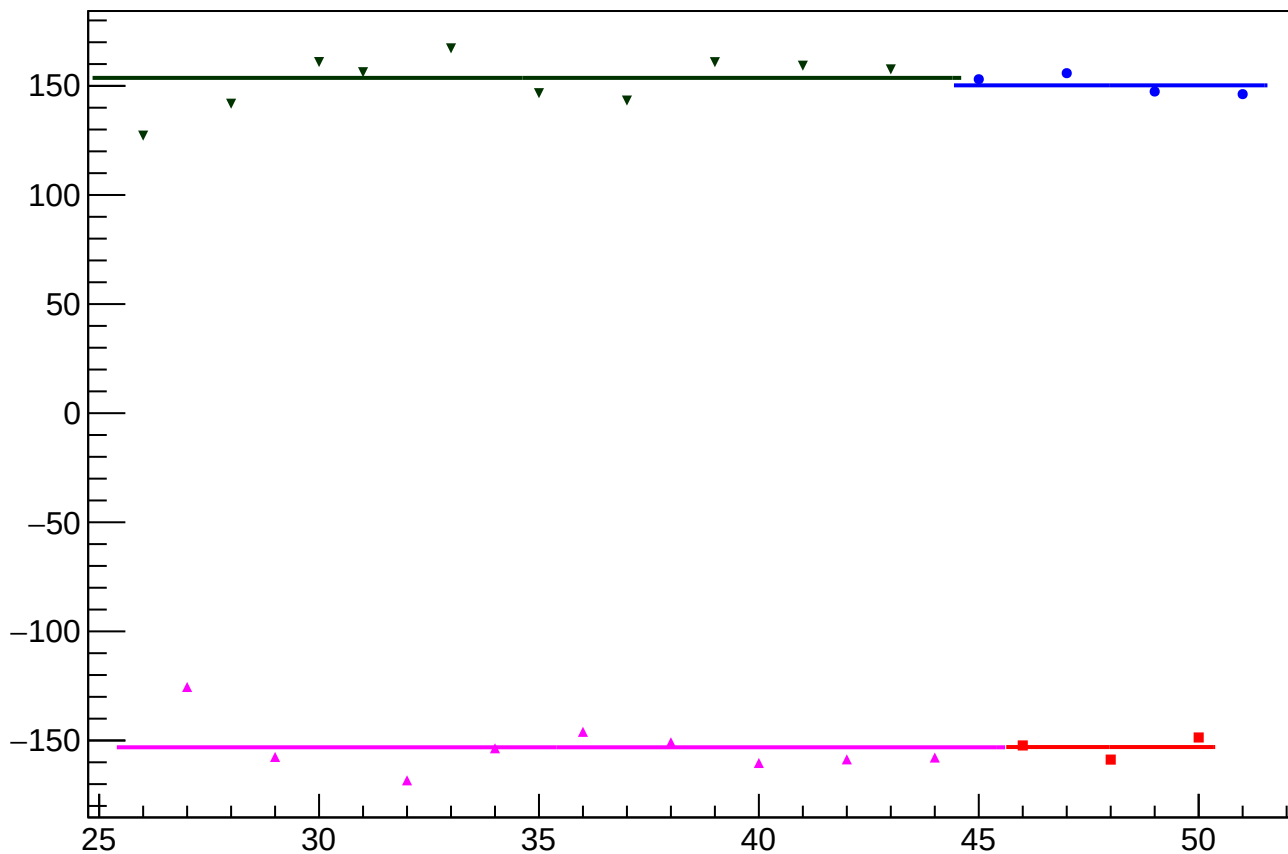
Left Out: -10.905 ± 0.455 χ^2/NDF : 459.2/9

Right Out: 25.393 ± 0.755 χ^2/NDF : 307.1/2

Left In: 20.737 ± 0.388 χ^2/NDF : 894.2/8

4.553 ± 0.246 χ^2/NDF : 6839.3/25

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 150.246 $\pm$ 0.129 χ^2 /NDF: 882.7/3

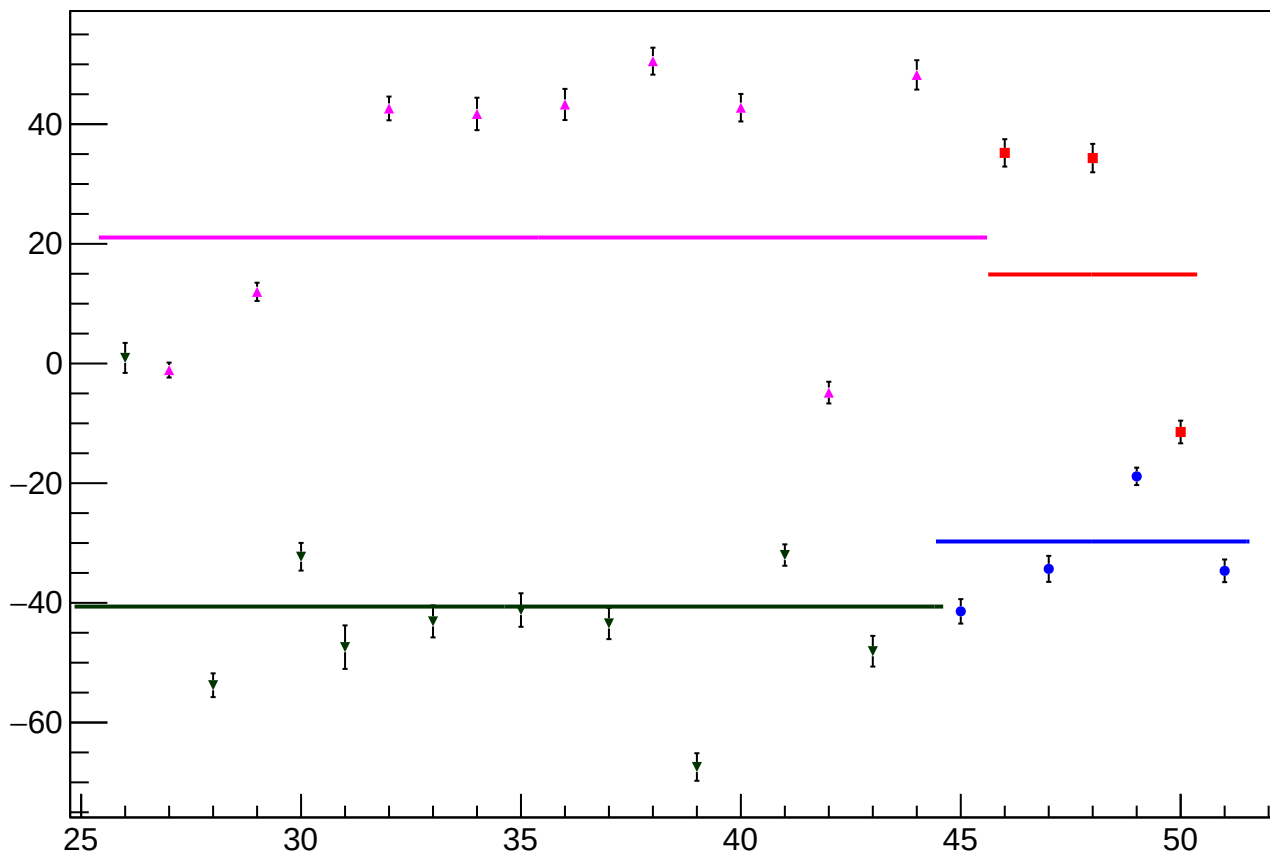
Left Out: 153.667 $\pm$ 0.101 χ^2 /NDF:11177.1/9

Right Out: -153.009 $\pm$ 0.171 χ^2 /NDF: 580.0/2

Left In: -153.122 $\pm$ 0.093 χ^2 /NDF:20788.9/8

4.118 $\pm$ 0.057 χ^2 /NDF: 7203503.0/25

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.743 ± 0.913 $\chi^2/\text{NDF}: 99.6/3$

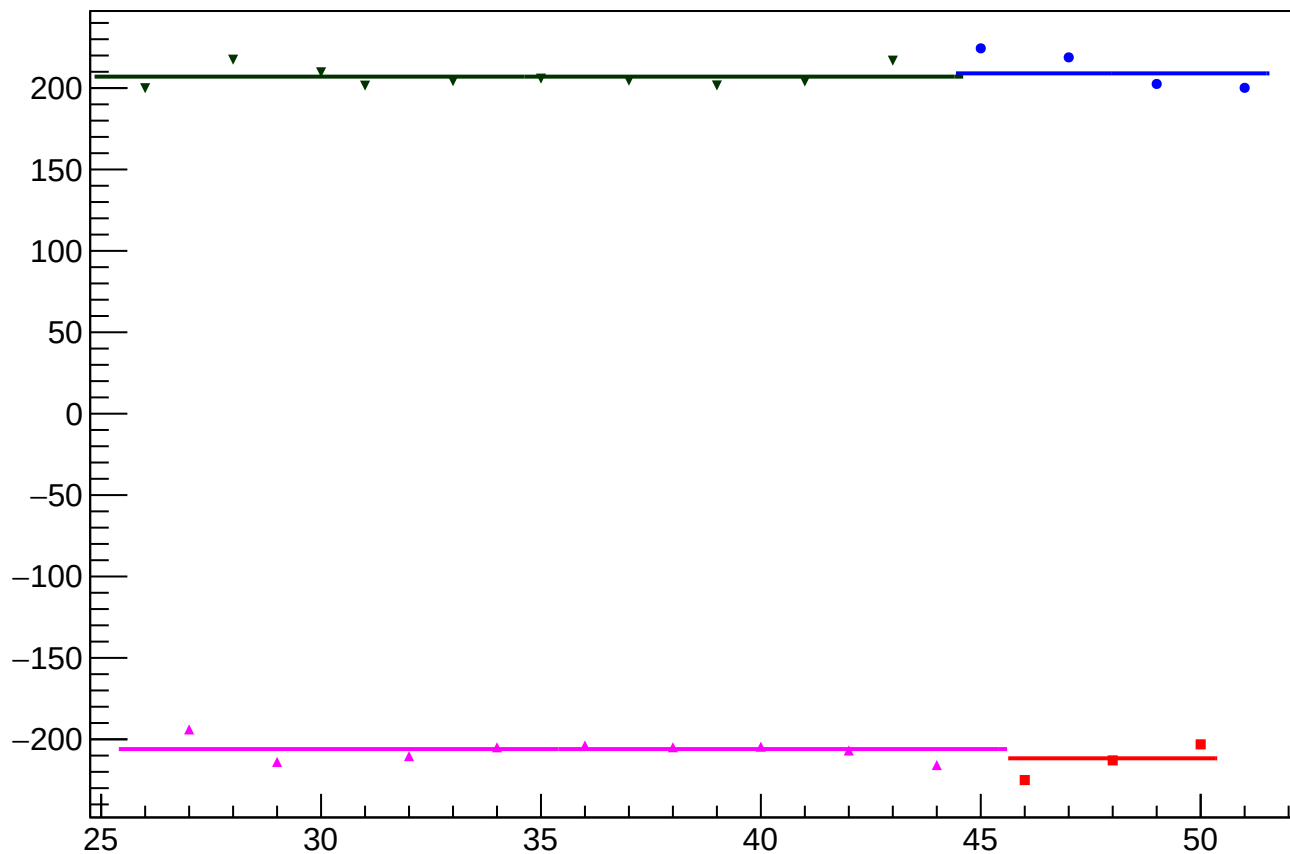
Left Out: -40.620 ± 0.758 $\chi^2/\text{NDF}: 504.2/9$

Right Out: 14.883 ± 1.244 $\chi^2/\text{NDF}: 338.6/2$

Left In: 21.059 ± 0.637 $\chi^2/\text{NDF}: 1185.8/8$

-7.413 ± 0.406 $\chi^2/\text{NDF}: 6965.5/25$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 209.033+/-0.177 χ^2/NDF : 3070.1/3

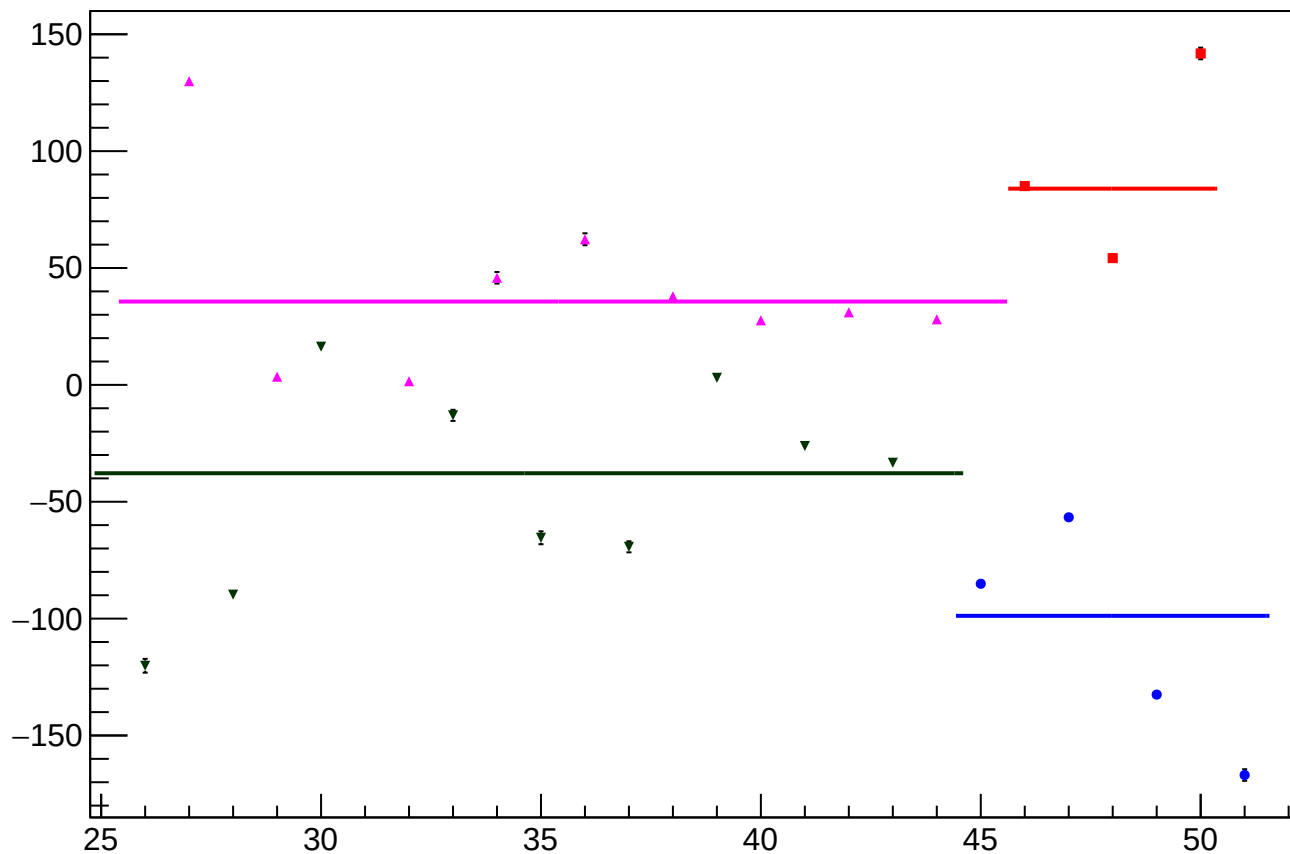
Left Out: 207.026+/-0.139 χ^2/NDF :1900.0/9

Right Out: -211.677+/-0.230 χ^2/NDF : 1508.5/2

Left In: -206.013+/-0.136 χ^2/NDF :2446.5/8

14.677+/-0.080 χ^2/NDF : 6702399.9/25

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -98.800 $\pm$ 0.835 χ^2 /NDF: 2017.5/3

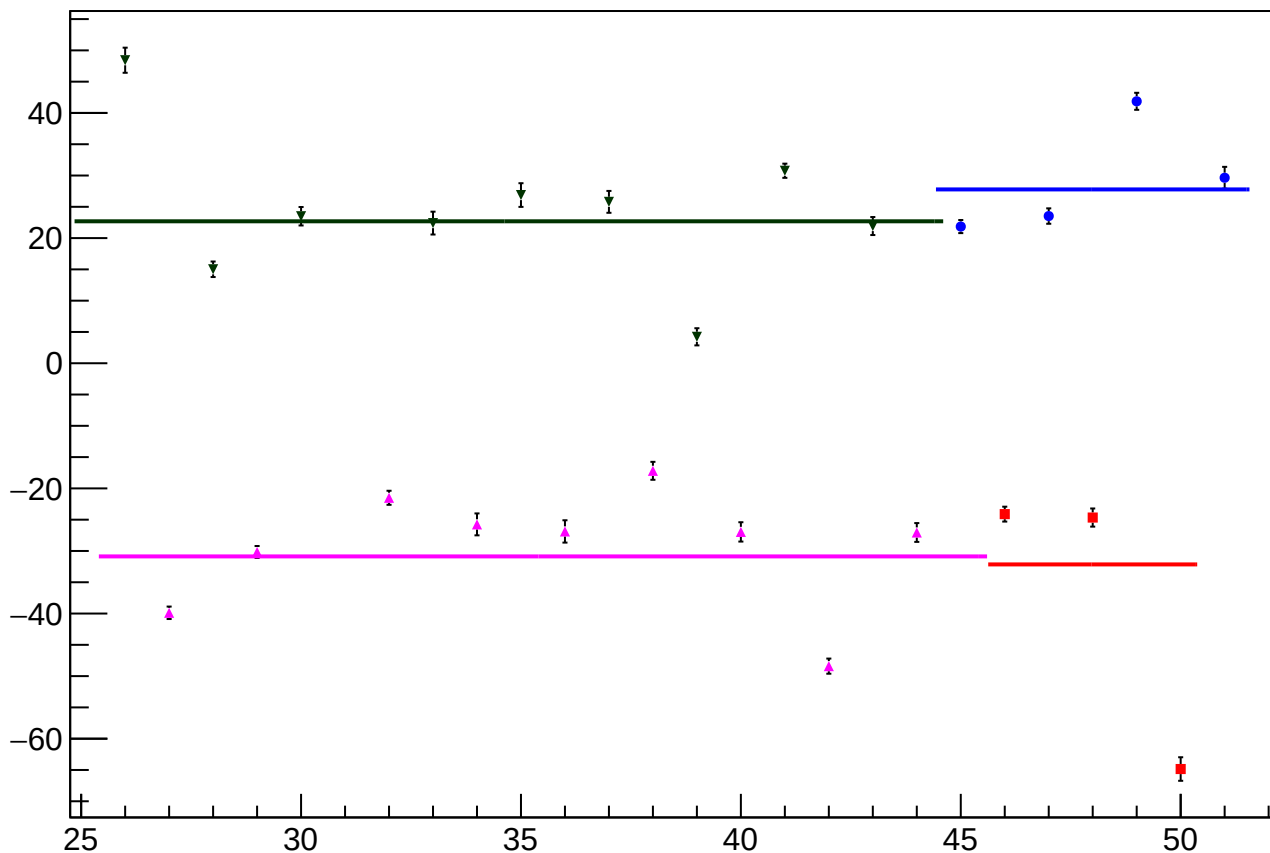
Left Out: -37.802 $\pm$ 0.670 χ^2 /NDF: 3472.1/8

Right Out: 83.951 $\pm$ 1.071 χ^2 /NDF: 834.2/2

Left In: 35.653 $\pm$ 0.581 χ^2 /NDF: 4958.4/8

-6.239 $\pm$ 0.365 χ^2 /NDF: 38078.9/24

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 27.779+/-0.640 χ^2 /NDF: 152.5/3

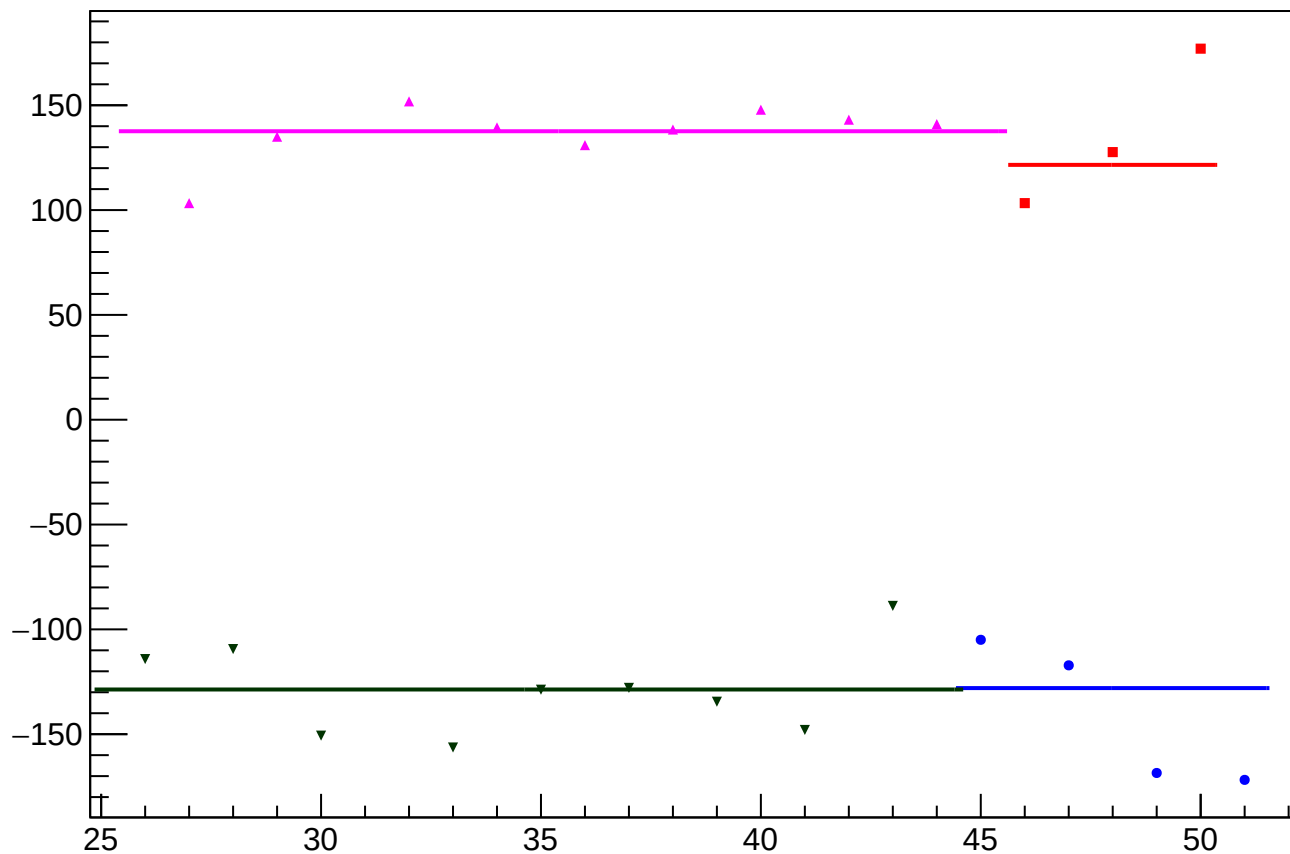
Left Out: 22.684+/-0.496 χ^2 /NDF: 443.3/8

Right Out: -32.149+/-0.827 χ^2 /NDF: 374.2/2

Left In: -30.869+/-0.424 χ^2 /NDF: 480.3/8

-4.368+/-0.272 χ^2 /NDF: 11987.9/24

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -128.012 $\pm$ 0.145 χ^2 /NDF: 36130.7/3

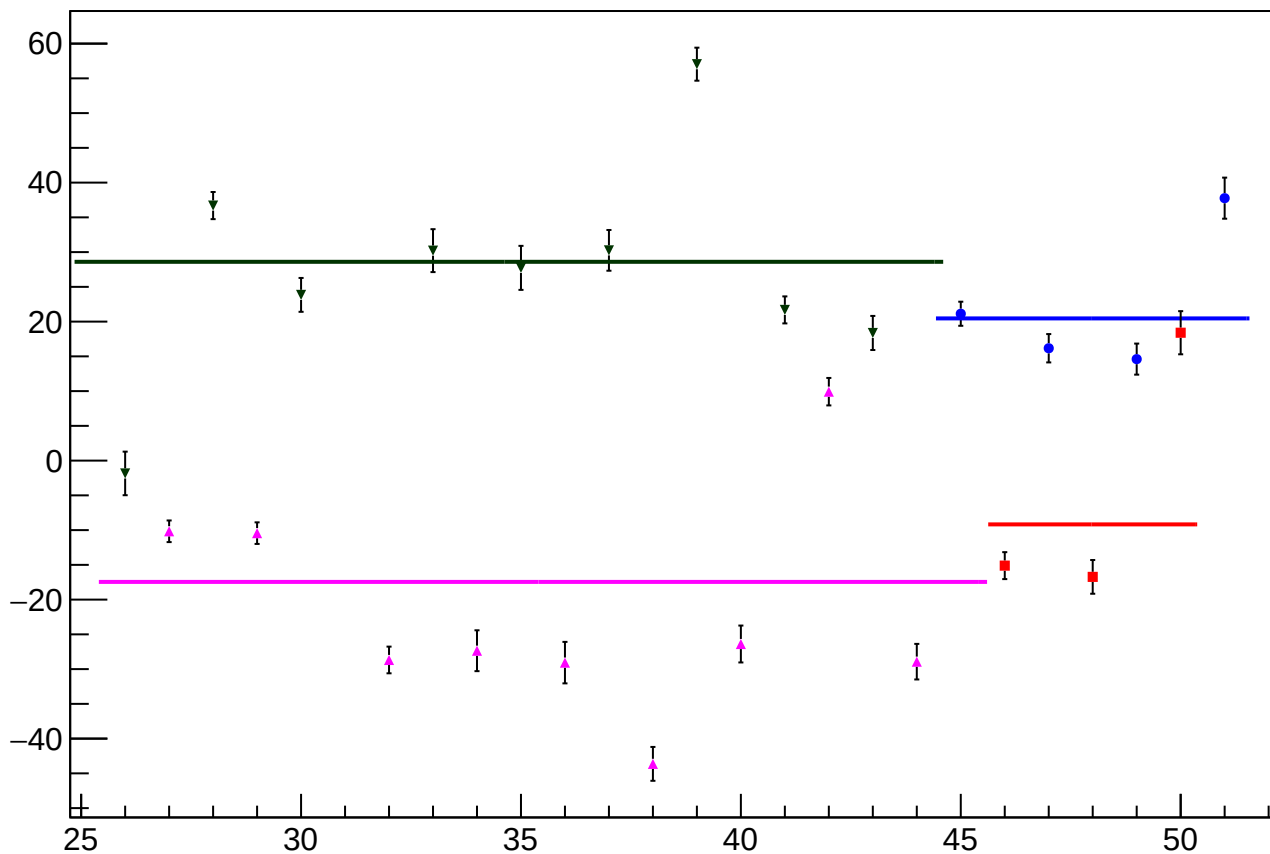
Left Out: -128.683 $\pm$ 0.112 χ^2 /NDF:38450.4/8

Right Out: 121.561 $\pm$ 0.178 χ^2 /NDF: 19541.7/2

Left In: 137.605 $\pm$ 0.100 χ^2 /NDF:21119.1/8

5.473 $\pm$ 0.062 χ^2 /NDF: 4571910.3/24

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 20.460 $\pm$ 1.061 χ^2 /NDF: 45.7/3

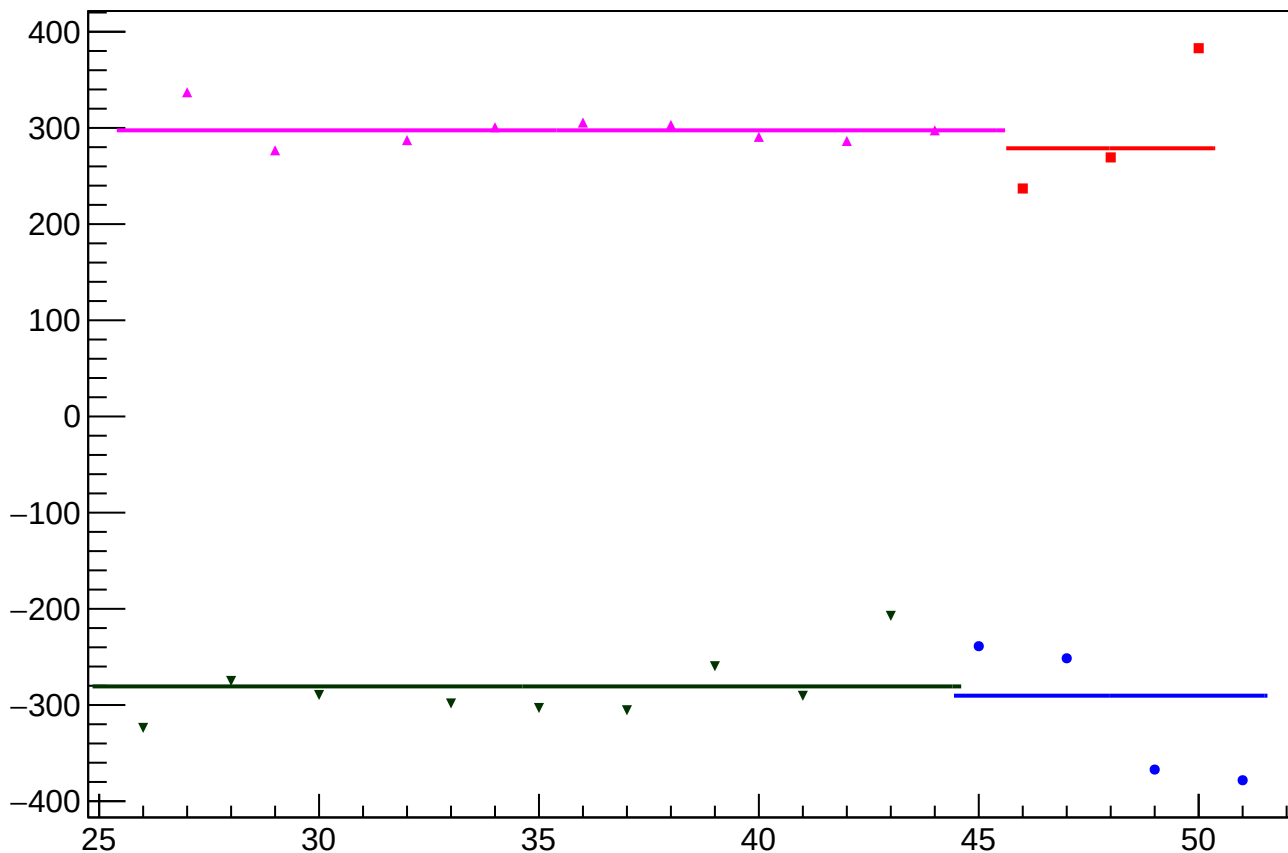
Left Out: 28.605 $\pm$ 0.827 χ^2 /NDF: 289.4/8

Right Out: -9.177 $\pm$ 1.361 χ^2 /NDF: 98.0/2

Left In: -17.453 $\pm$ 0.699 χ^2 /NDF: 441.8/8

3.915 $\pm$ 0.450 χ^2 /NDF: 3036.3/24

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -290.305 ± 0.208 $\chi^2/\text{NDF}: 86472.2/3$

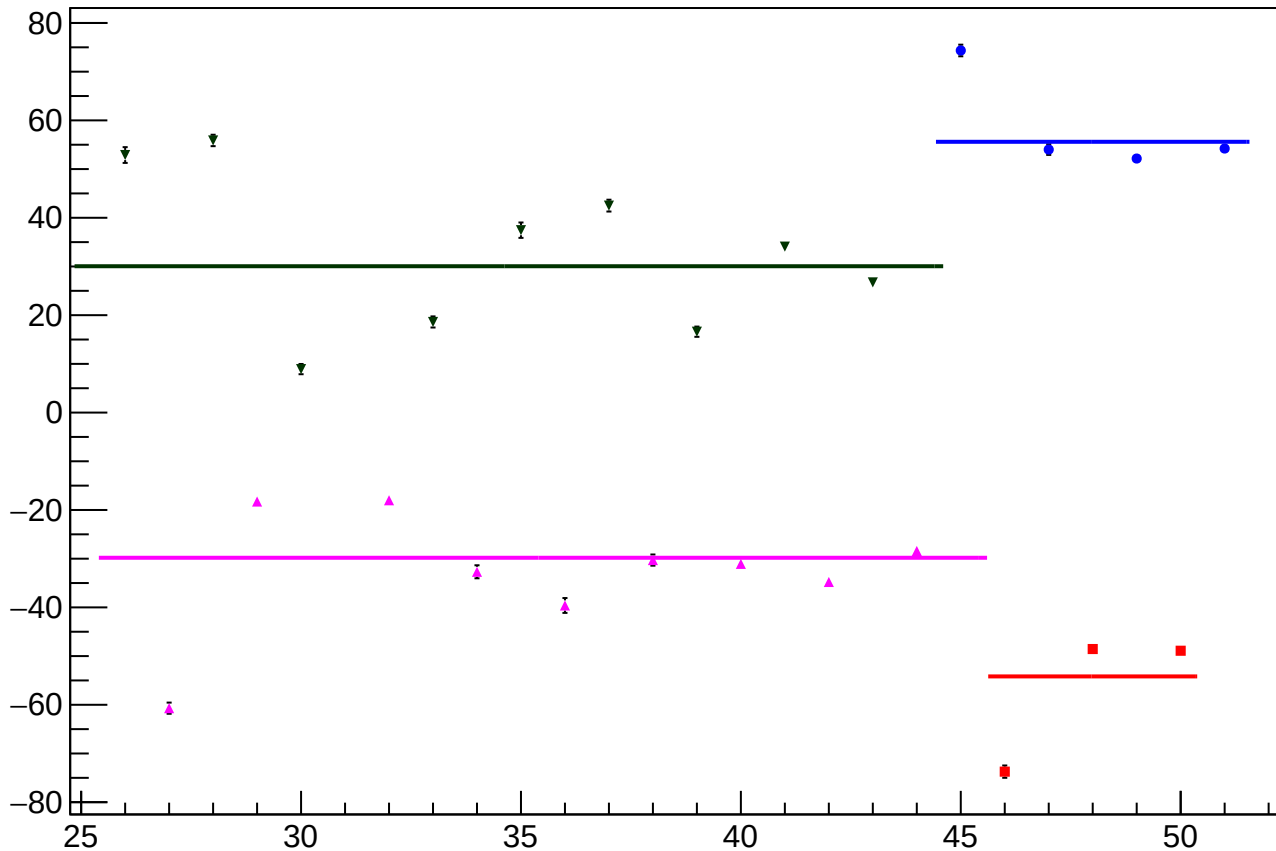
Left Out: -280.656 ± 0.153 $\chi^2/\text{NDF}: 43963.5/8$

Right Out: 278.829 ± 0.261 $\chi^2/\text{NDF}: 46799.5/2$

Left In: 297.504 ± 0.148 $\chi^2/\text{NDF}: 15085.1/8$

-8.272 ± 0.089 $\chi^2/\text{NDF}: 10645242.1/24$

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.601+/-0.420 χ^2/NDF : 286.5/3

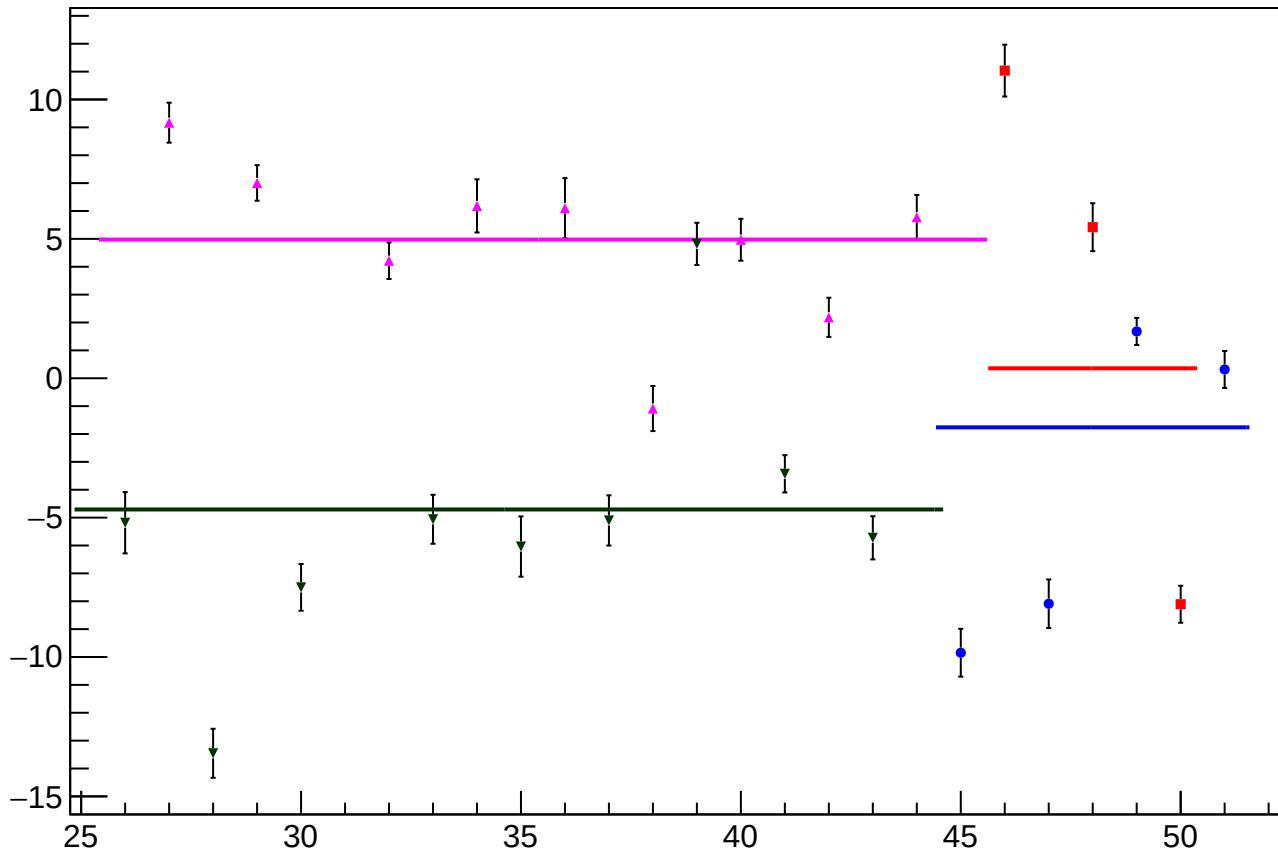
Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

Right Out: -54.175+/-0.589 χ^2/NDF : 305.5/2

Left In: -29.811+/-0.343 χ^2/NDF : 1208.1/8

4.842+/-0.204 χ^2/NDF : 42580.7/24

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -1.761 ± 0.330 $\chi^2/\text{NDF}: 201.3/3$

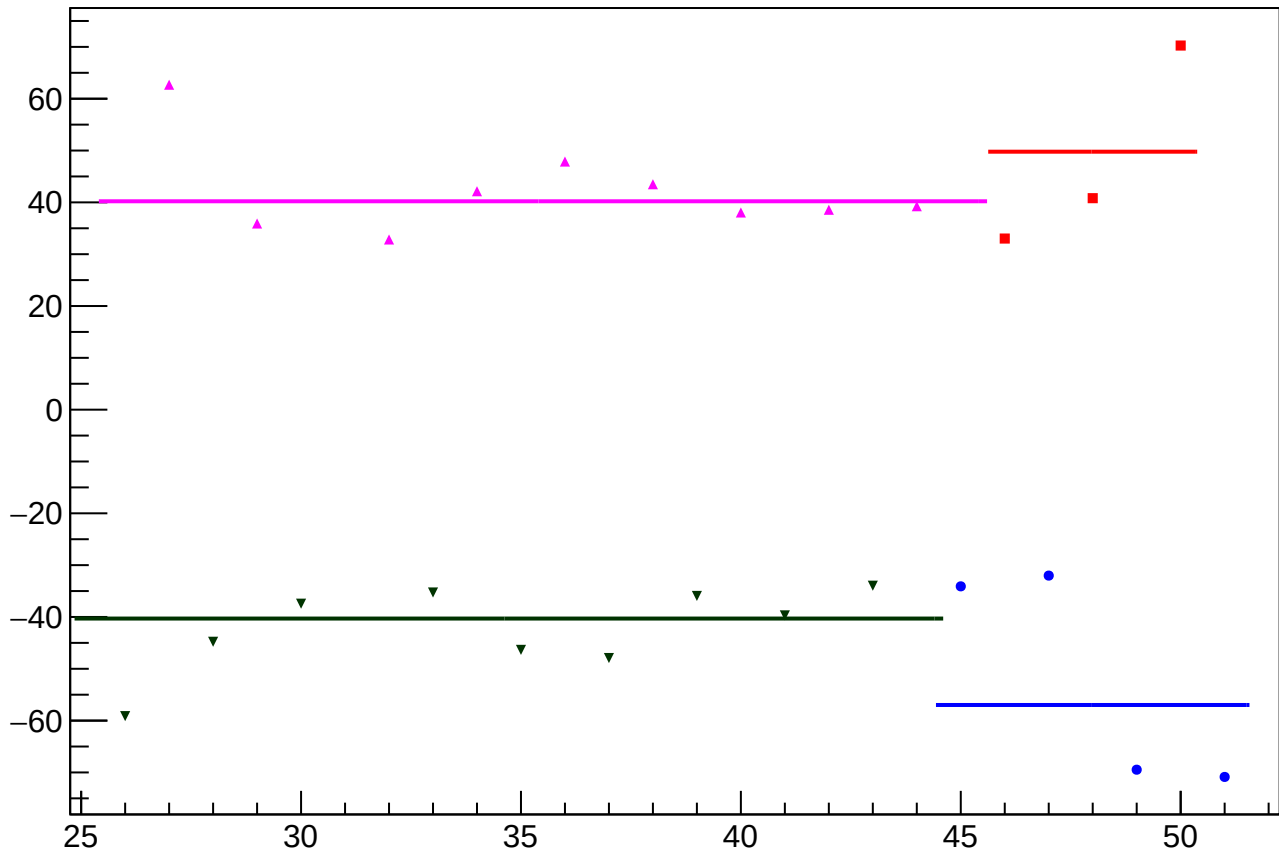
Left Out: -4.708 ± 0.282 $\chi^2/\text{NDF}: 275.7/8$

Right Out: 0.357 ± 0.457 $\chi^2/\text{NDF}: 328.9/2$

Left In: 4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

0.091 ± 0.154 $\chi^2/\text{NDF}: 1620.5/24$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -56.983+/-0.078 χ^2/NDF : 50818.7/3

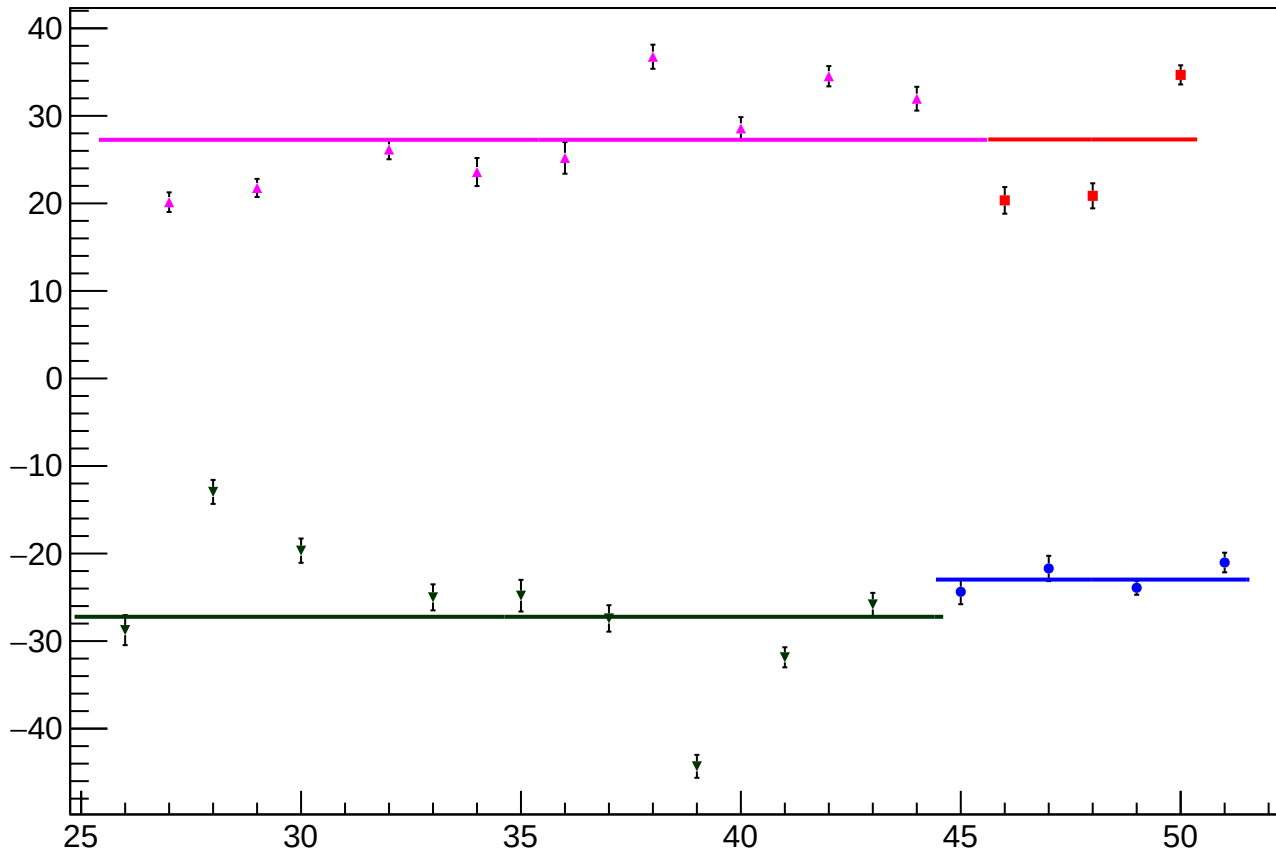
Left Out: -40.306+/-0.063 χ^2/NDF : 10954.8/8

Right Out: 49.779+/-0.104 χ^2/NDF : 24918.4/2

Left In: 40.209+/-0.058 χ^2/NDF : 18072.5/8

-3.998+/-0.035 χ^2/NDF : 1734228.3/24

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -22.973 ± 0.548 $\chi^2/\text{NDF}: 6.1/3$

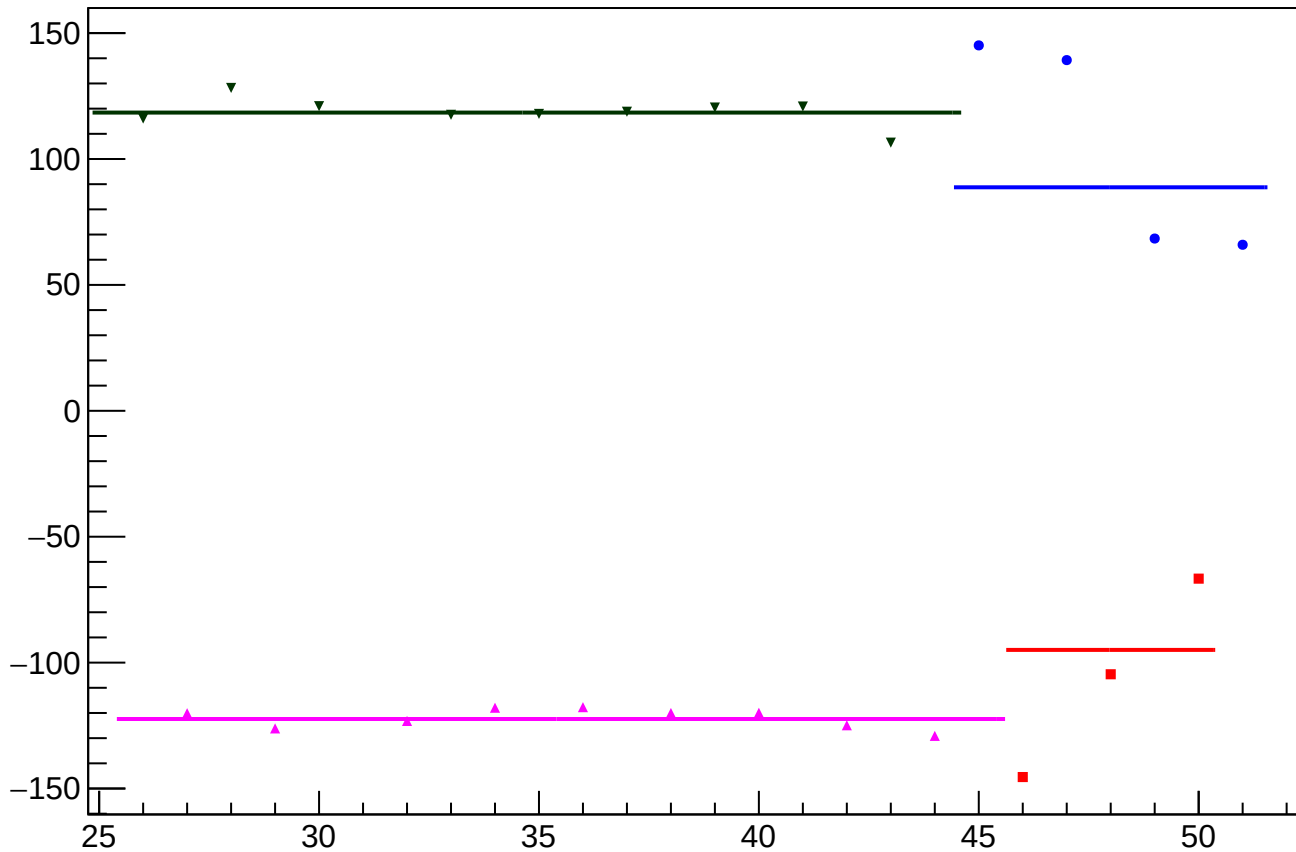
Left Out: -27.224 ± 0.471 $\chi^2/\text{NDF}: 330.4/8$

Right Out: 27.303 ± 0.755 $\chi^2/\text{NDF}: 86.5/2$

Left In: 27.262 ± 0.421 $\chi^2/\text{NDF}: 175.8/8$

0.149 ± 0.256 $\chi^2/\text{NDF}: 11190.1/24$

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 88.762 $\pm$ 0.106 χ^2 /NDF: 100604.1/3

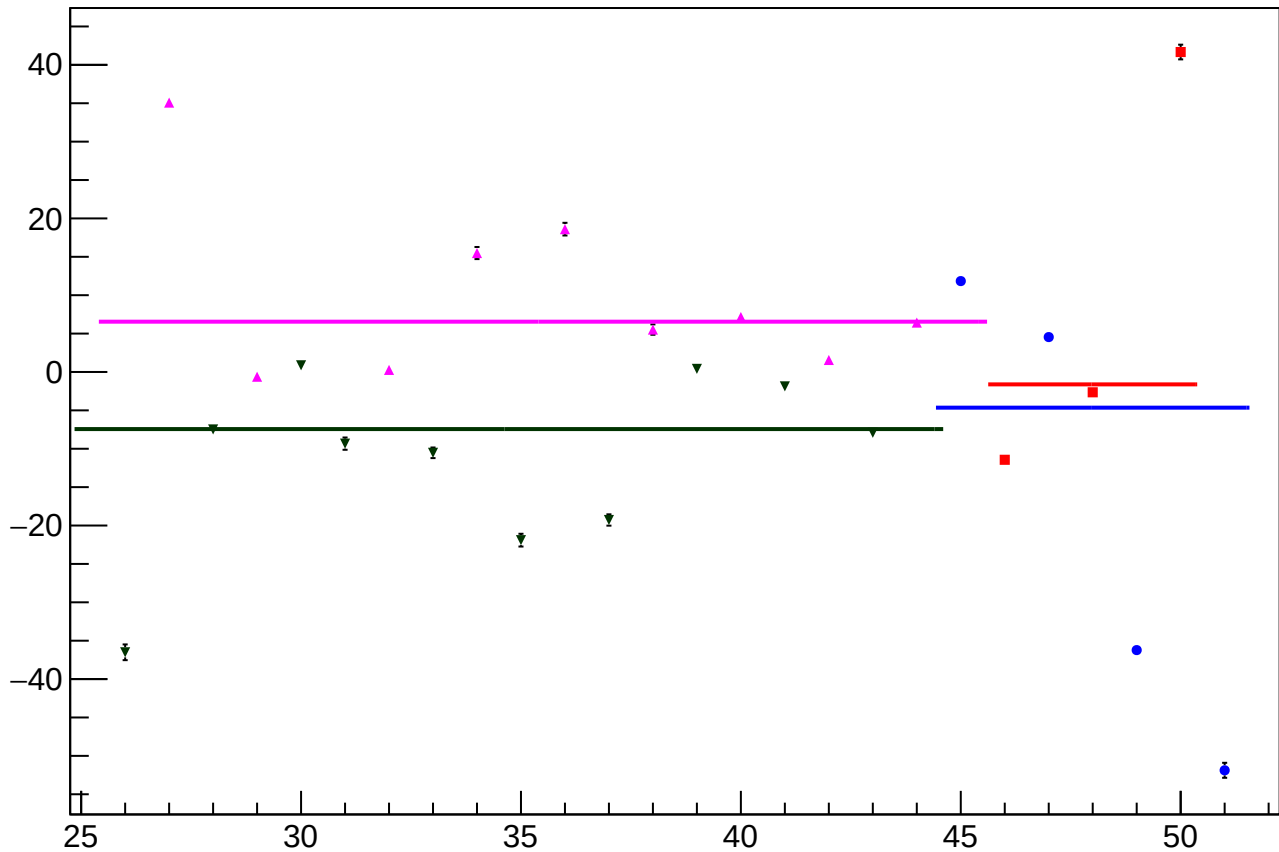
Left Out: 118.438 $\pm$ 0.086 χ^2 /NDF: 4307.2/8

6.911 $\pm$ 0.049 χ^2 /NDF: 5204363.9/24

Right Out: -94.952 $\pm$ 0.138 χ^2 /NDF: 50461.9/2

Left In: -122.391 $\pm$ 0.087 χ^2 /NDF: 1758.1/8

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -4.648 ± 0.263 χ^2/NDF : 6825.6/3

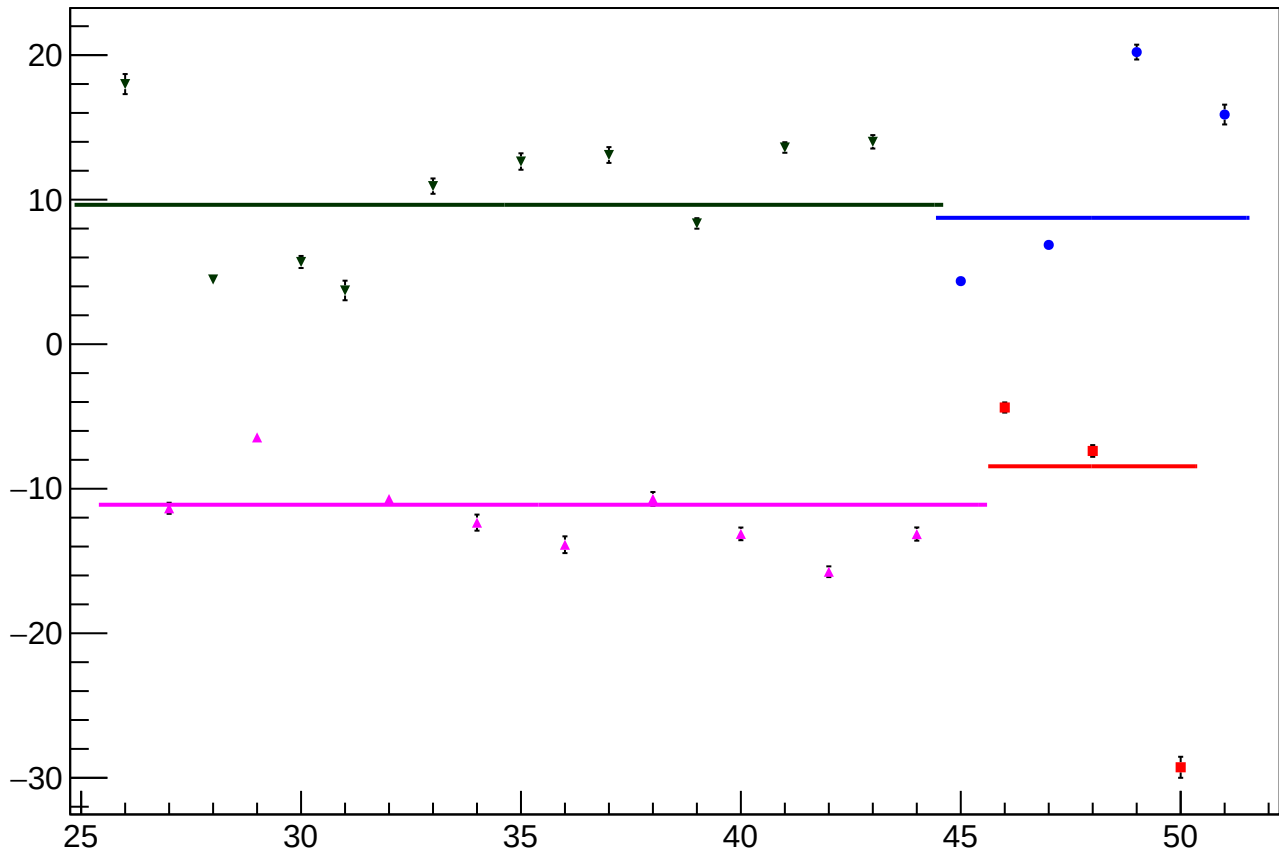
Left Out: -7.437 ± 0.192 χ^2/NDF : 1995.0/9

Right Out: -1.616 ± 0.322 χ^2/NDF : 2466.3/2

Left In: 6.550 ± 0.179 χ^2/NDF : 3282.1/8

-0.985 ± 0.110 χ^2/NDF : 17665.6/25

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.743 $\pm$ 0.202 χ^2 /NDF: 820.7/3

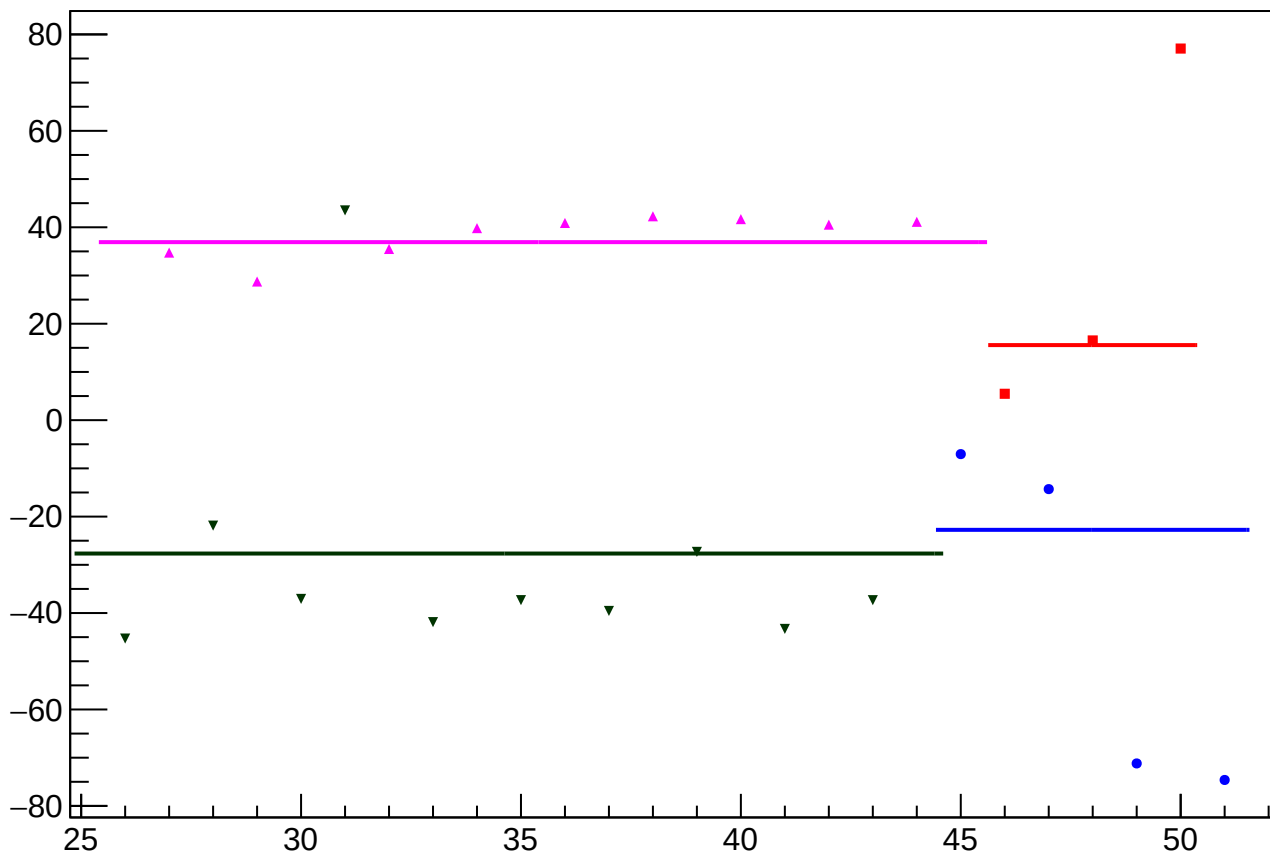
Left Out: 9.643 $\pm$ 0.143 χ^2 /NDF: 847.5/9

Right Out: -8.448 $\pm$ 0.249 χ^2 /NDF: 960.3/2

Left In: -11.107 $\pm$ 0.133 χ^2 /NDF: 517.7/8

-0.561 $\pm$ 0.083 χ^2 /NDF: 17693.8/25

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -22.746 $\pm$ 0.045 χ^2 /NDF: 299218.3/3

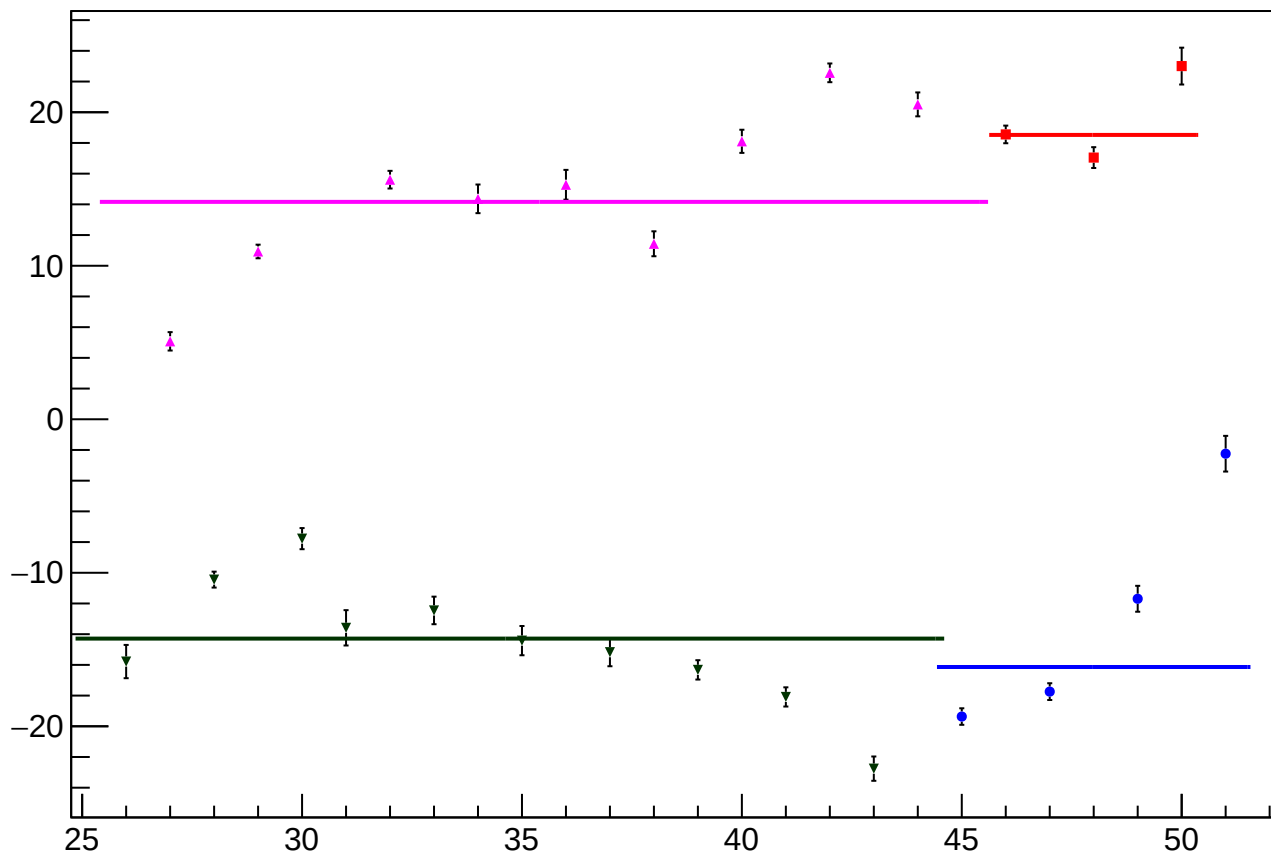
Left Out: -27.661 $\pm$ 0.032 χ^2 /NDF: 544702.9/9

Right Out: 15.569 $\pm$ 0.053 χ^2 /NDF: 131981.4/2

Left In: 36.920 $\pm$ 0.031 χ^2 /NDF: 23590.7/8

1.937 $\pm$ 0.019 χ^2 /NDF: 3523256.4/25

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -16.137 $\pm$ 0.334 χ^2 /NDF: 215.0/3

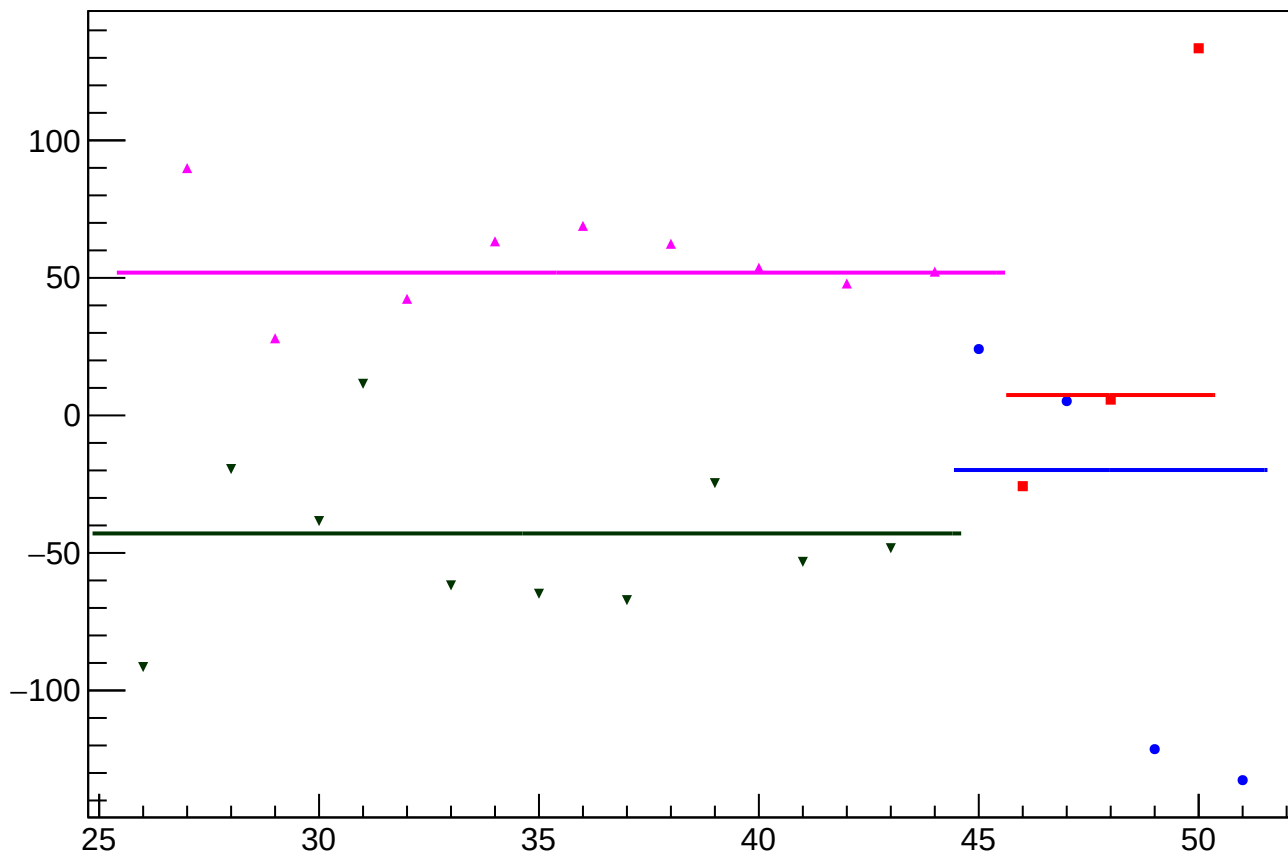
Left Out: -14.288 $\pm$ 0.238 χ^2 /NDF: 313.7/9

Right Out: 18.523 $\pm$ 0.412 χ^2 /NDF: 18.7/2

Left In: 14.162 $\pm$ 0.220 χ^2 /NDF: 585.9/8

0.116 $\pm$ 0.137 χ^2 /NDF: 13241.3/25

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -19.851 ± 0.065 $\chi^2/\text{NDF}: 858518.6/3$

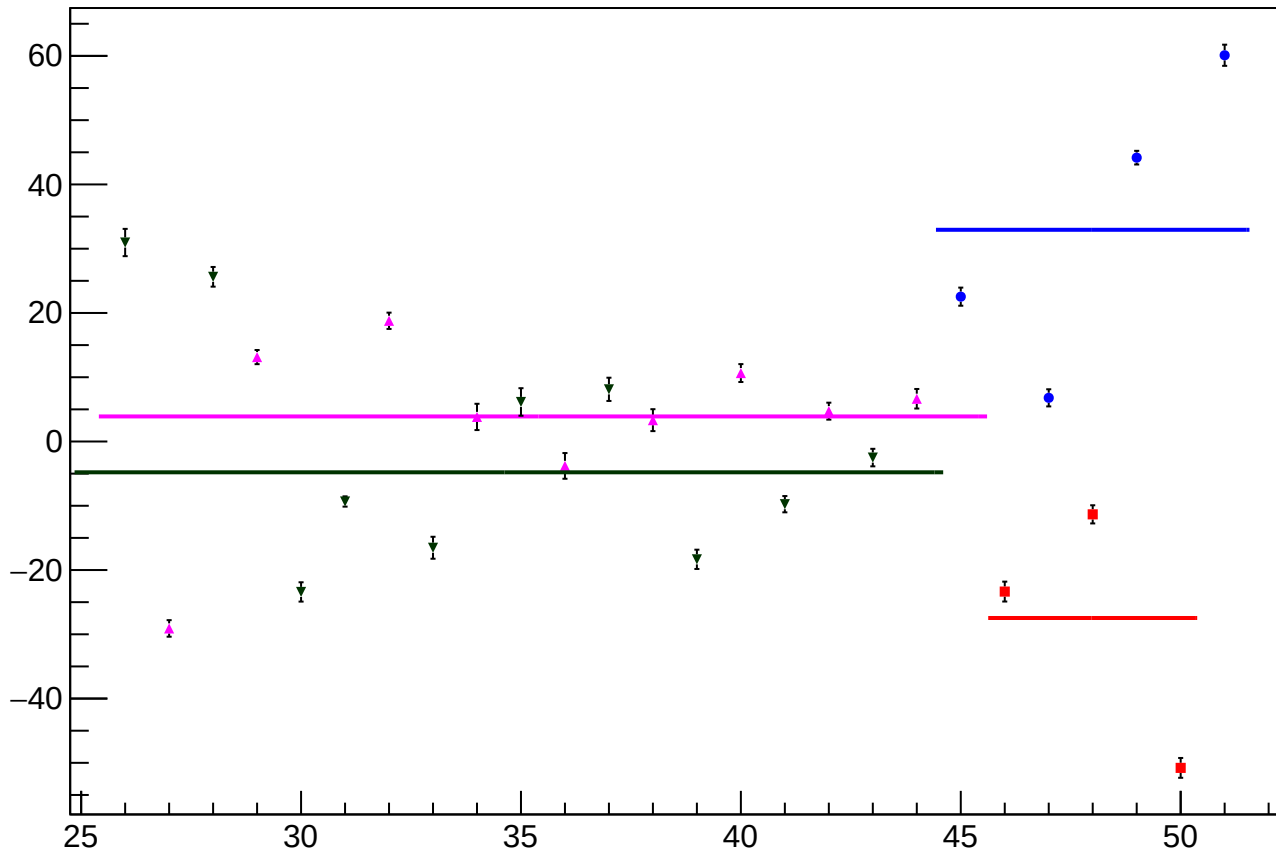
Left Out: -42.913 ± 0.044 $\chi^2/\text{NDF}: 295110.7/9$

Right Out: 7.410 ± 0.080 $\chi^2/\text{NDF}: 426088.8/2$

Left In: 51.914 ± 0.046 $\chi^2/\text{NDF}: 149065.3/8$

-0.643 ± 0.027 $\chi^2/\text{NDF}: 4063926.0/25$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 32.942+/-0.657 χ^2/NDF : 822.6/3

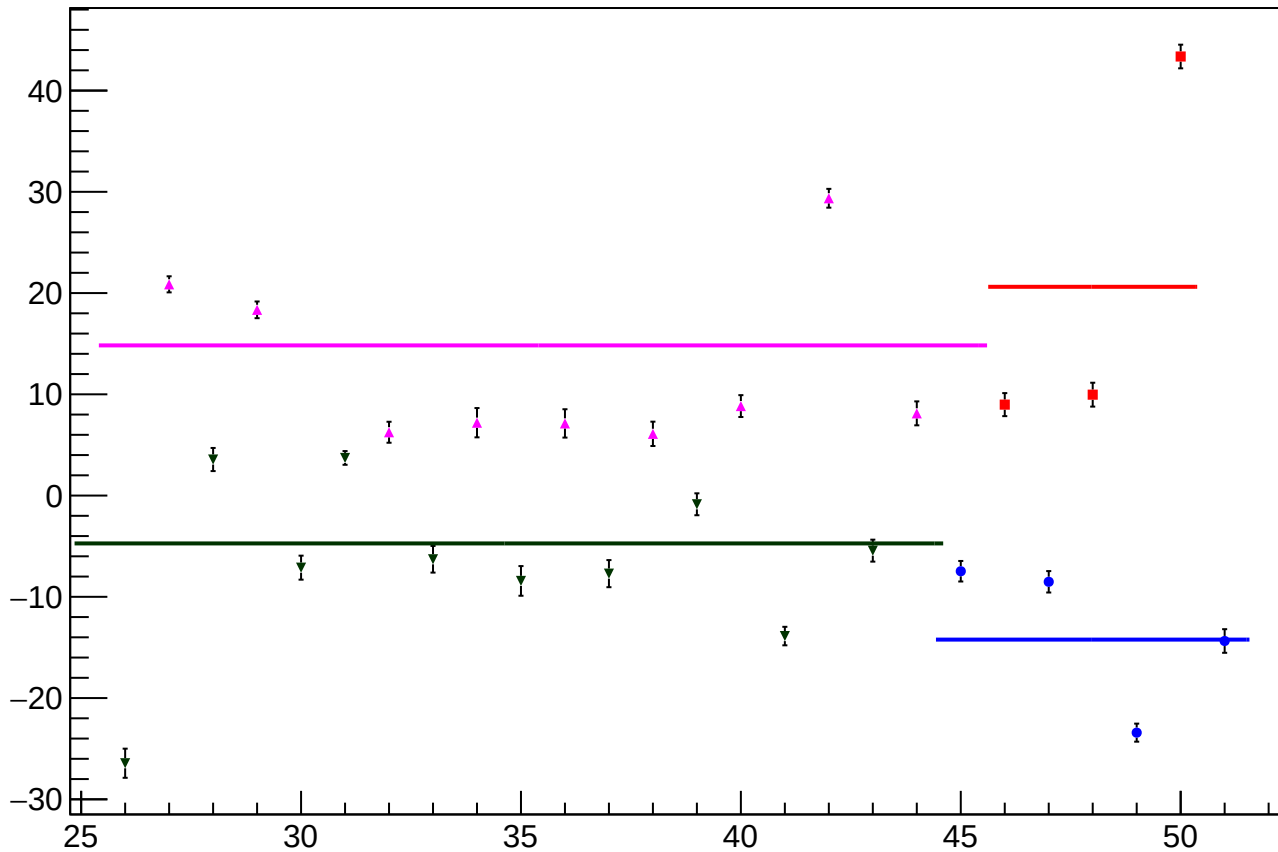
Left Out: -4.793+/-0.442 χ^2/NDF : 1087.2/9

2.447+/-0.275 χ^2/NDF : 6814.1/25

Right Out: -27.462+/-0.864 χ^2/NDF : 365.8/2

Left In: 3.900+/-0.476 χ^2/NDF : 906.0/8

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.226 ± 0.509 $\chi^2/\text{NDF}: 179.8/3$

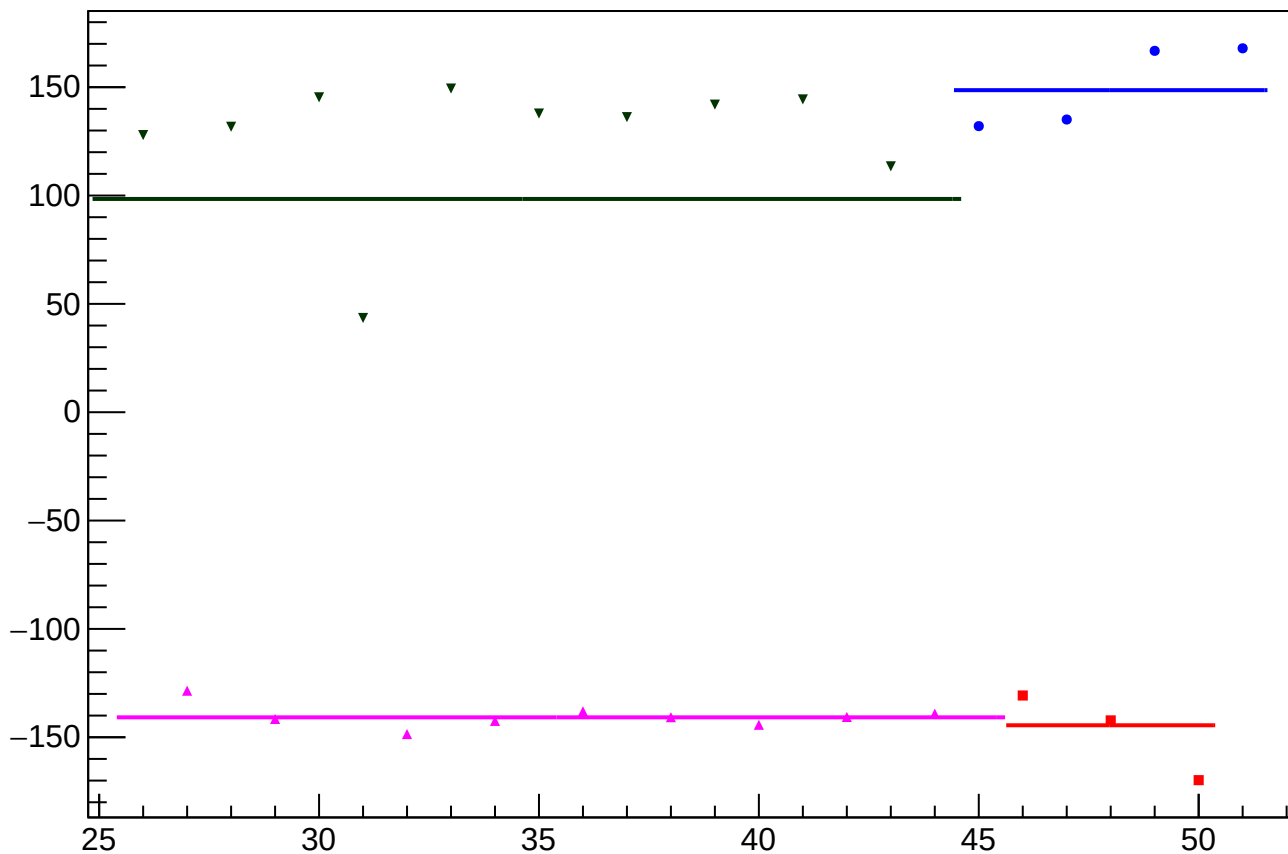
Left Out: -4.727 ± 0.340 $\chi^2/\text{NDF}: 566.1/9$

Right Out: 20.619 ± 0.671 $\chi^2/\text{NDF}: 565.0/2$

Left In: 14.832 ± 0.345 $\chi^2/\text{NDF}: 563.0/8$

3.228 ± 0.208 $\chi^2/\text{NDF}: 5399.9/25$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 148.628 ± 0.118 $\chi^2/\text{NDF}: 20310.1/3$

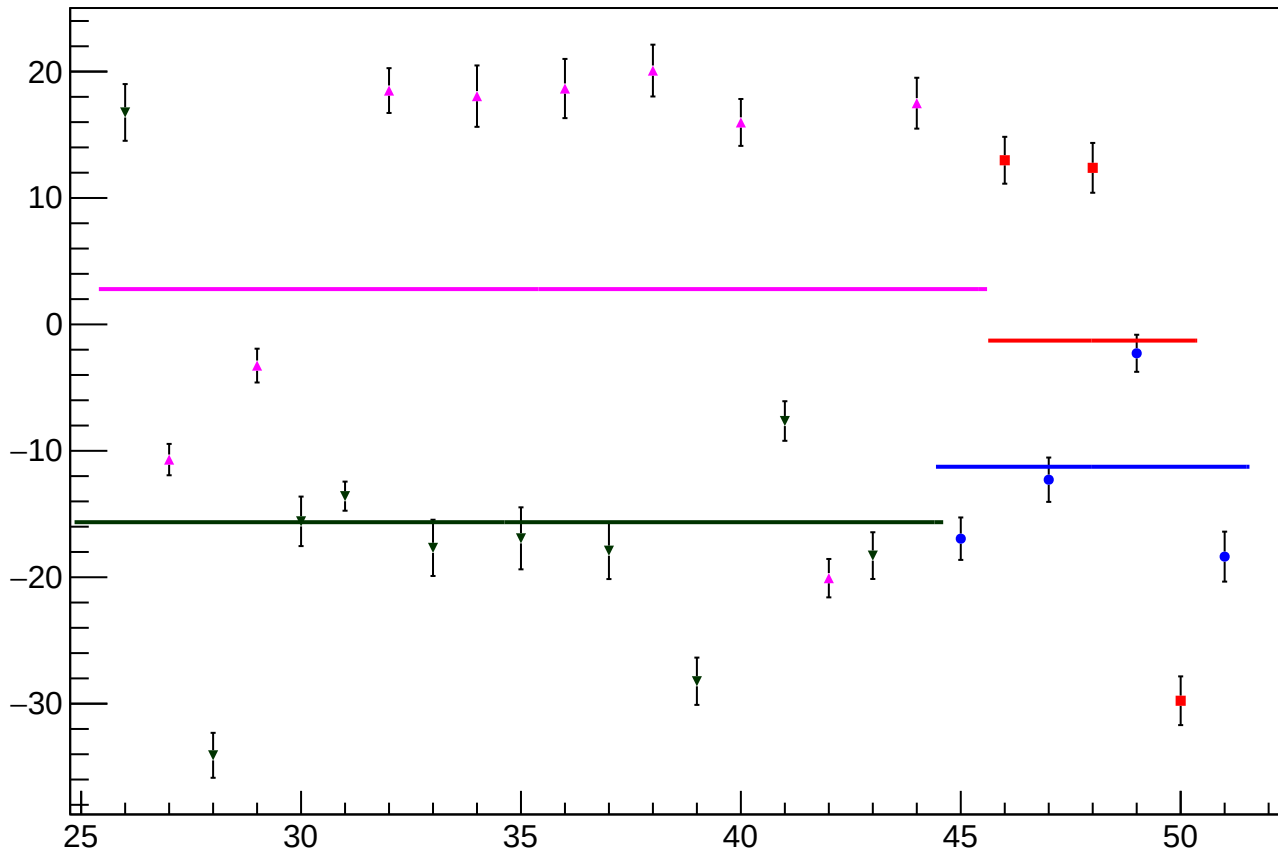
Left Out: 98.427 ± 0.068 $\chi^2/\text{NDF}: 464189.2/9$

9.444 ± 0.046 $\chi^2/\text{NDF}: 8006083.9/25$

Right Out: -144.473 ± 0.148 $\chi^2/\text{NDF}: 10895.3/2$

Left In: -140.810 ± 0.082 $\chi^2/\text{NDF}: 4715.0/8$

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -11.259 ± 0.845 $\chi^2/\text{NDF}: 62.2/3$

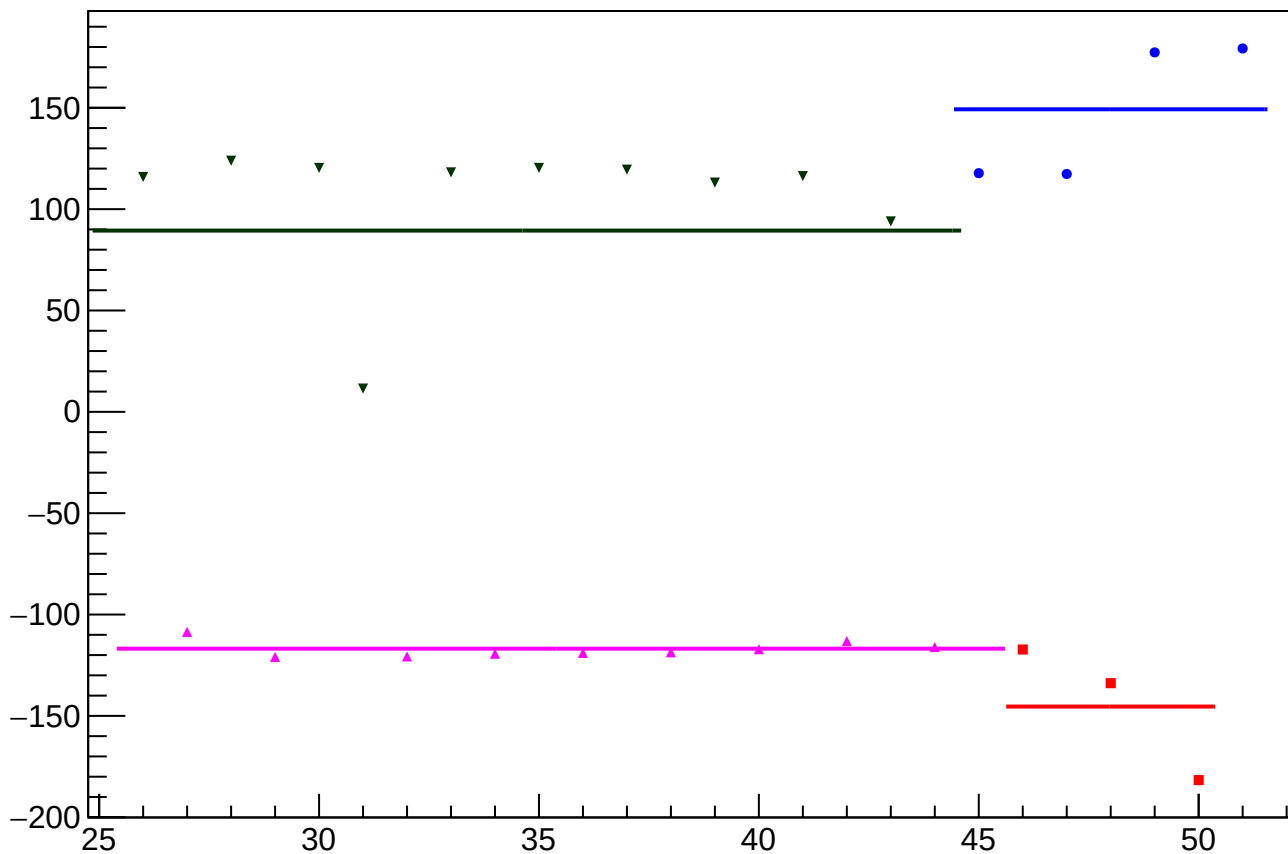
Left Out: -15.644 ± 0.569 $\chi^2/\text{NDF}: 395.1/9$

Right Out: -1.280 ± 1.106 $\chi^2/\text{NDF}: 325.8/2$

Left In: 2.793 ± 0.569 $\chi^2/\text{NDF}: 704.4/8$

-6.726 ± 0.345 $\chi^2/\text{NDF}: 2065.7/25$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 149.264 $\pm$ 0.164 χ^2 /NDF: 33715.7/3

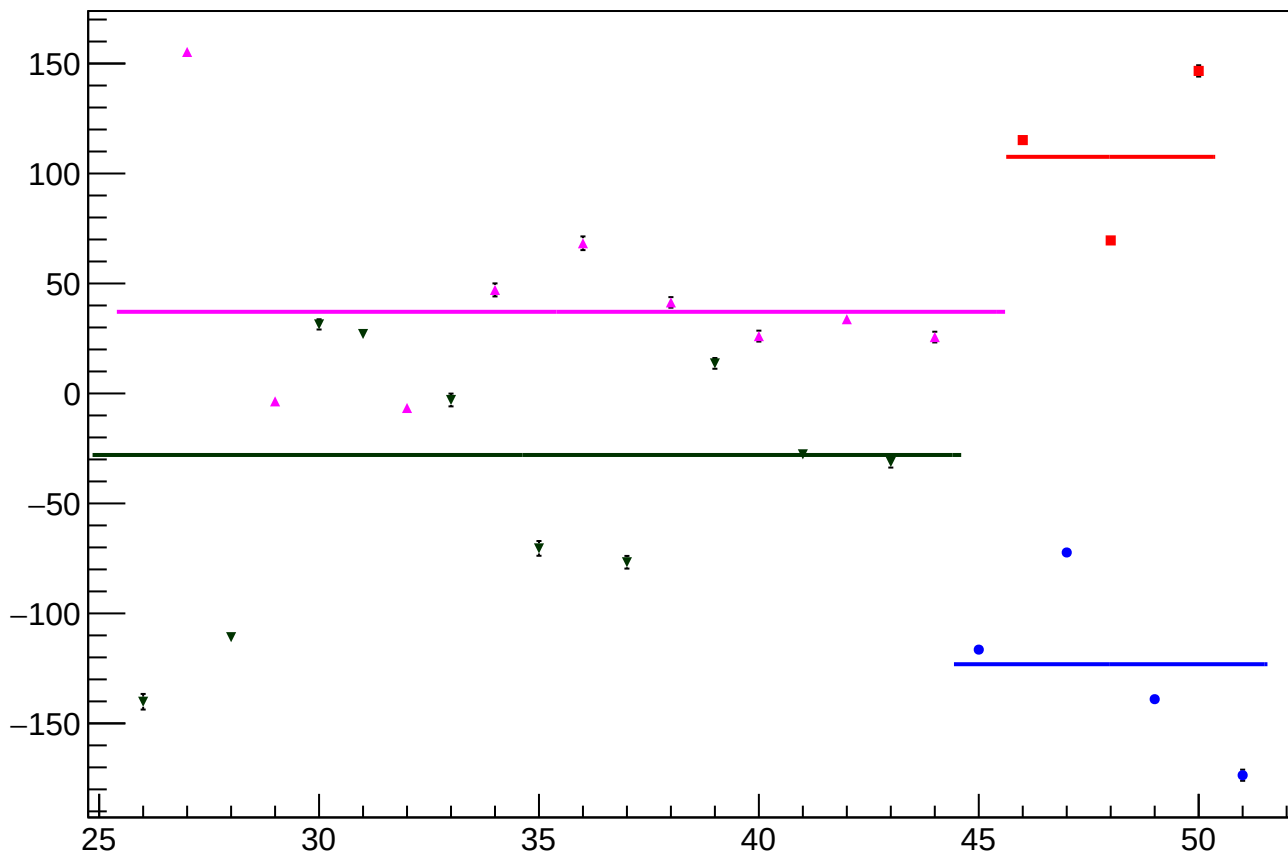
Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF:195054.4/9

10.756 $\pm$ 0.067 χ^2 /NDF: 3233785.2/25

Right Out: -145.395 $\pm$ 0.207 χ^2 /NDF: 17792.8/2

Left In: -116.836 $\pm$ 0.120 χ^2 /NDF:1138.7/8

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -123.100+/-1.004 χ^2/NDF : 1097.3/3

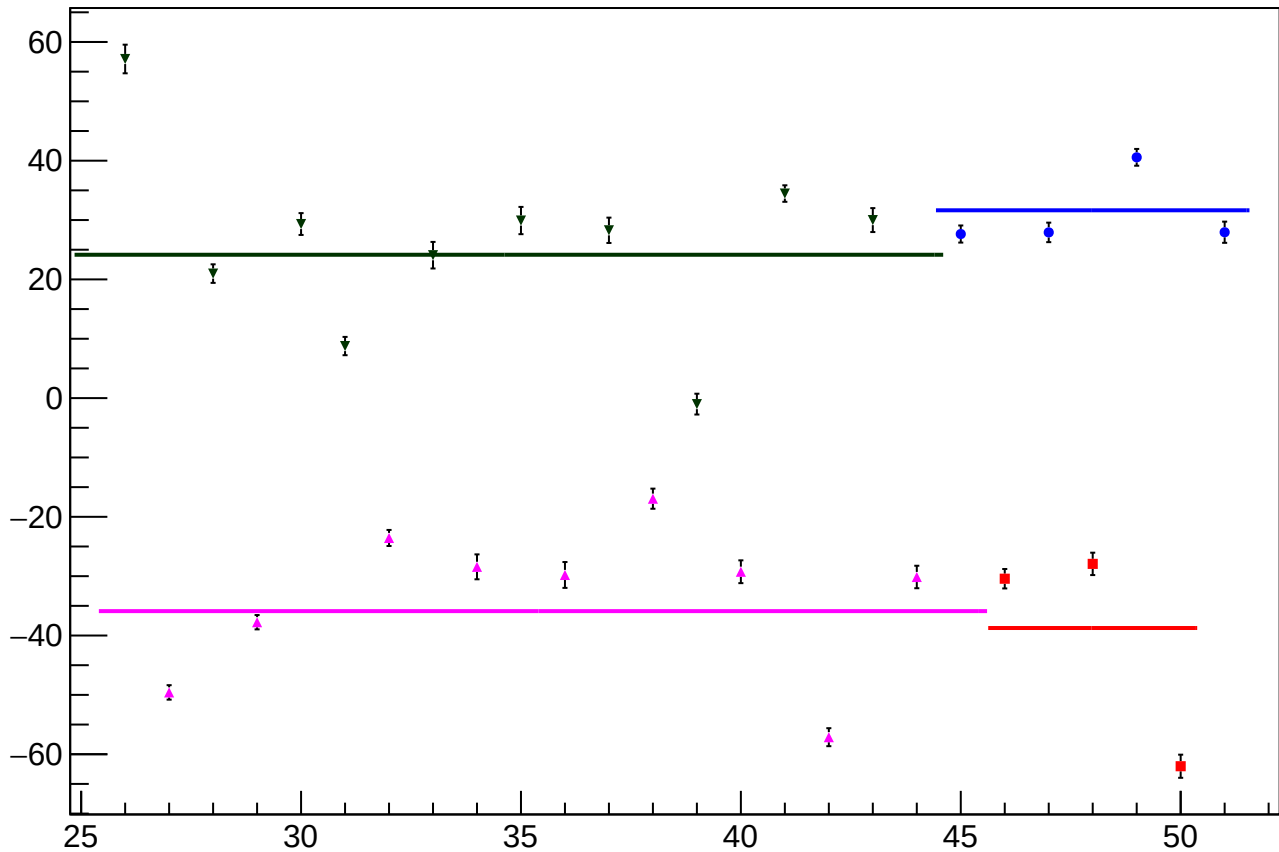
Left Out: -27.970+/-0.765 χ^2/NDF : 4906.6/9

Right Out: 107.579+/-1.351 χ^2/NDF : 525.0/2

Left In: 37.121+/-0.714 χ^2/NDF : 5219.8/8

-7.317+/-0.438 χ^2/NDF : 36870.9/25

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 31.642 $\pm$ 0.775 χ^2 /NDF: 57.0/3

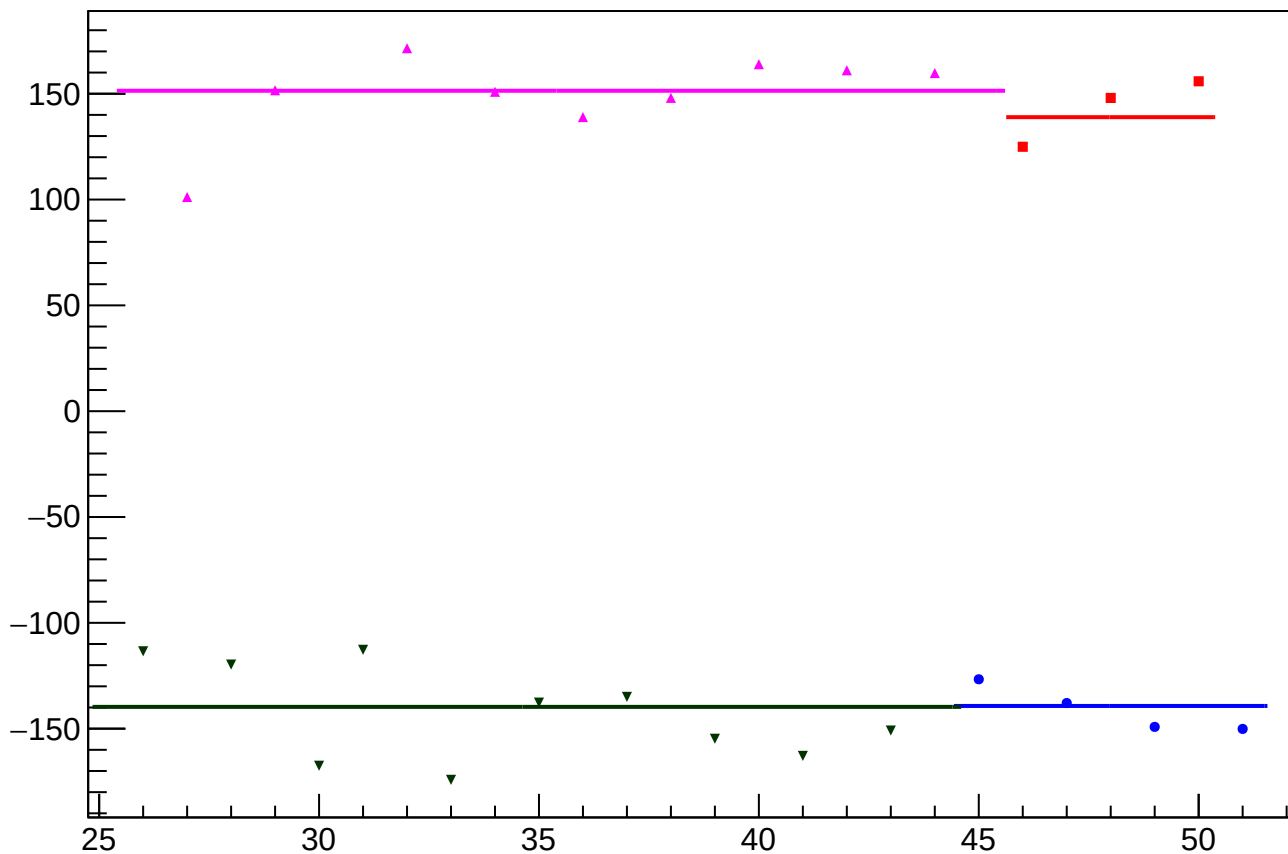
Left Out: 24.152 $\pm$ 0.578 χ^2 /NDF: 577.8/9

Right Out: -38.734 $\pm$ 1.044 χ^2 /NDF: 201.4/2

Left In: -35.889 $\pm$ 0.522 χ^2 /NDF: 574.5/8

-4.582 $\pm$ 0.329 χ^2 /NDF: 10741.6/25

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -139.273+/-0.179 χ^2/NDF : 2961.4/3

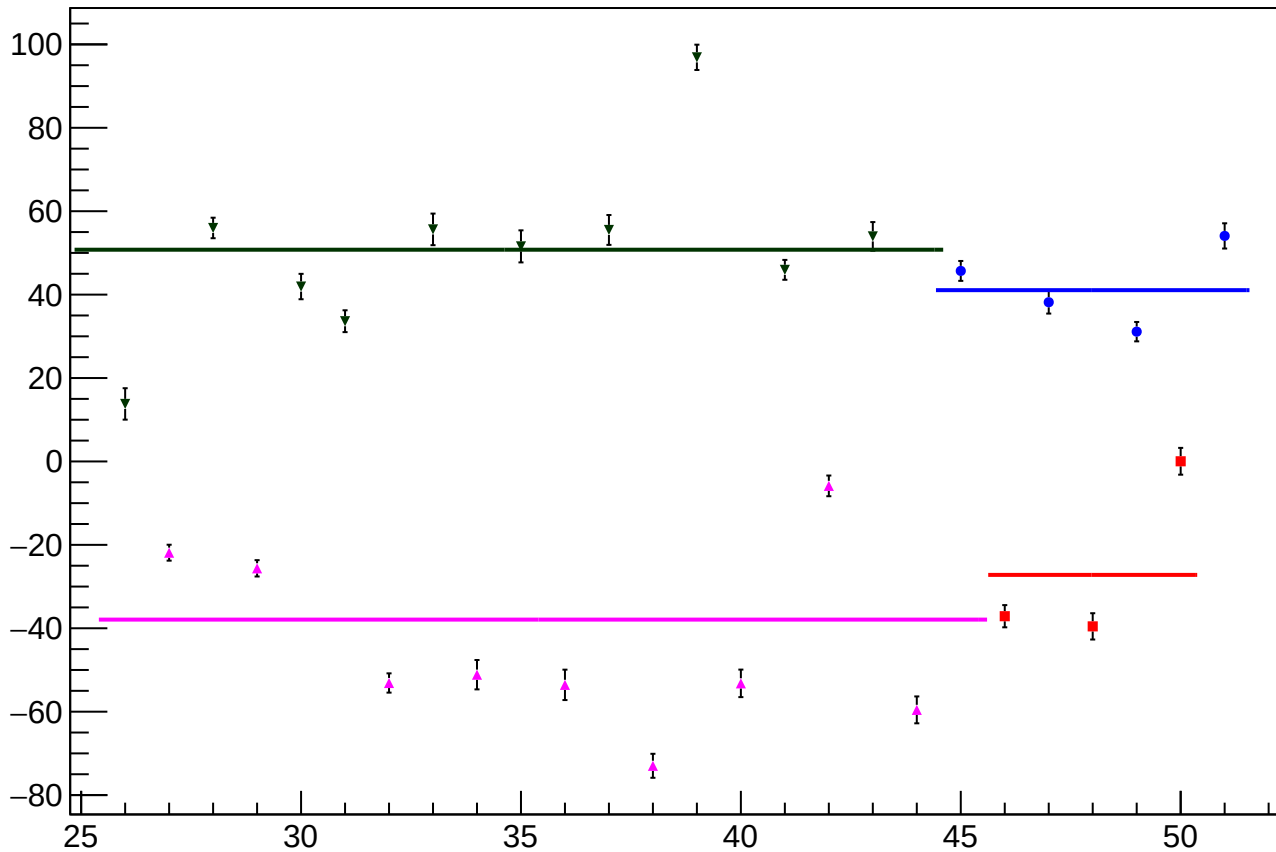
Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

Right Out: 138.926+/-0.229 χ^2/NDF : 3423.8/2

Left In: 151.402+/-0.122 χ^2/NDF : 30317.9/8

-5.070+/-0.074 χ^2/NDF : 3893932.2/25

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 41.070 ± 1.286 χ^2/NDF : 41.7/3

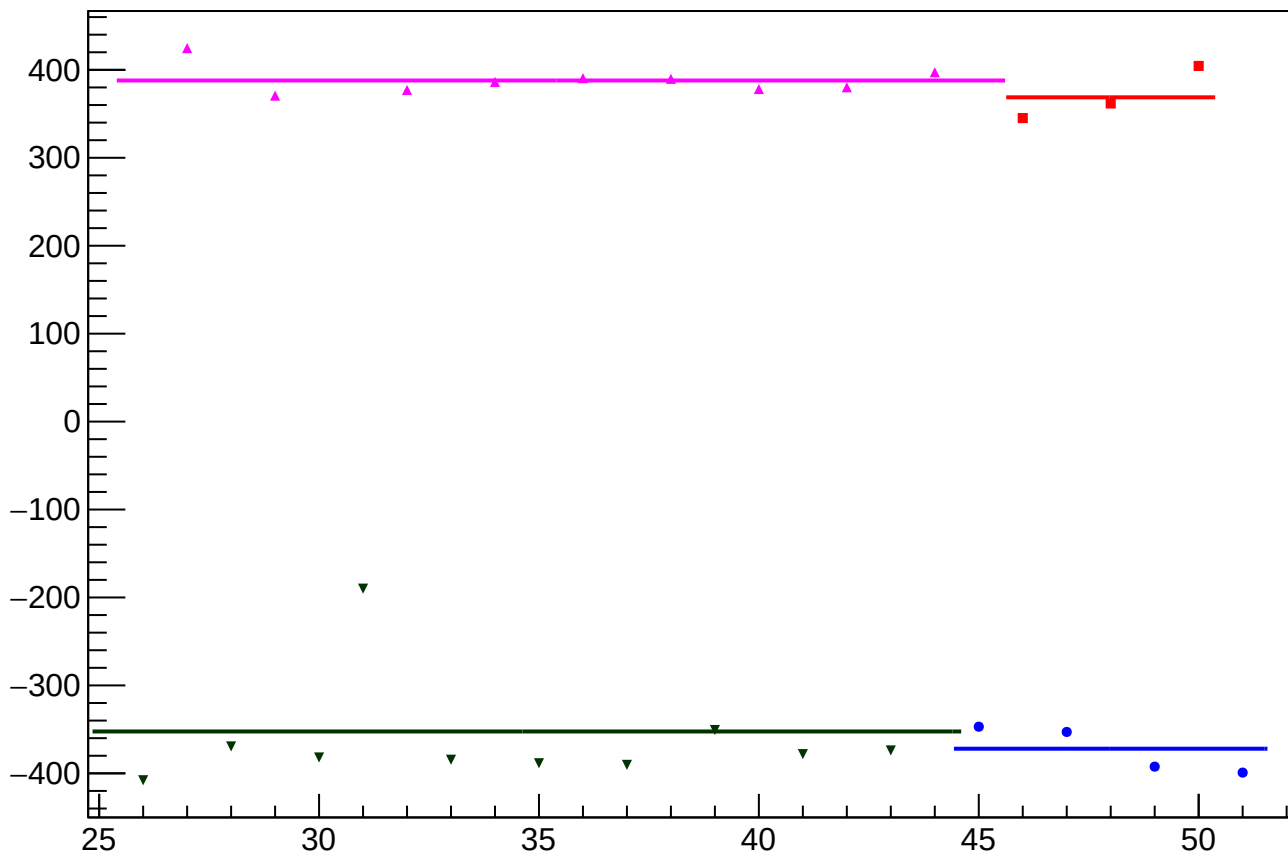
Left Out: 50.768 ± 0.965 χ^2/NDF : 391.5/9

5.648 ± 0.545 χ^2/NDF : 6975.8/25

Right Out: -27.202 ± 1.719 χ^2/NDF : 101.0/2

Left In: -37.922 ± 0.861 χ^2/NDF : 567.8/8

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -371.984 ± 0.251 $\chi^2/\text{NDF}: 8202.6/3$

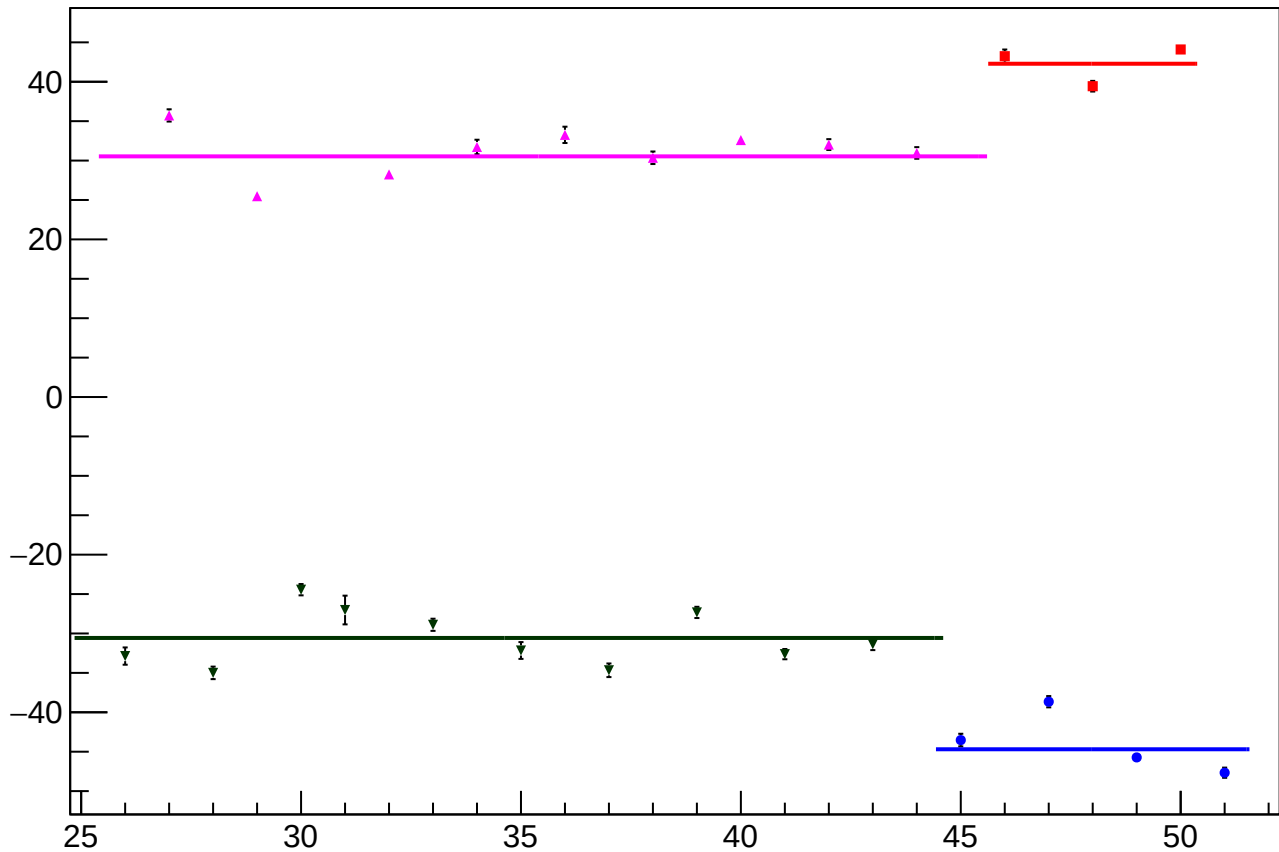
Left Out: -352.385 ± 0.178 $\chi^2/\text{NDF}: 145038.2/9$

Right Out: 368.763 ± 0.325 $\chi^2/\text{NDF}: 5936.2/2$

Left In: 387.911 ± 0.183 $\chi^2/\text{NDF}: 8311.7/8$

-21.103 ± 0.107 $\chi^2/\text{NDF}: 12026860.5/25$

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.692 ± 0.287 $\chi^2/\text{NDF}: 100.9/3$

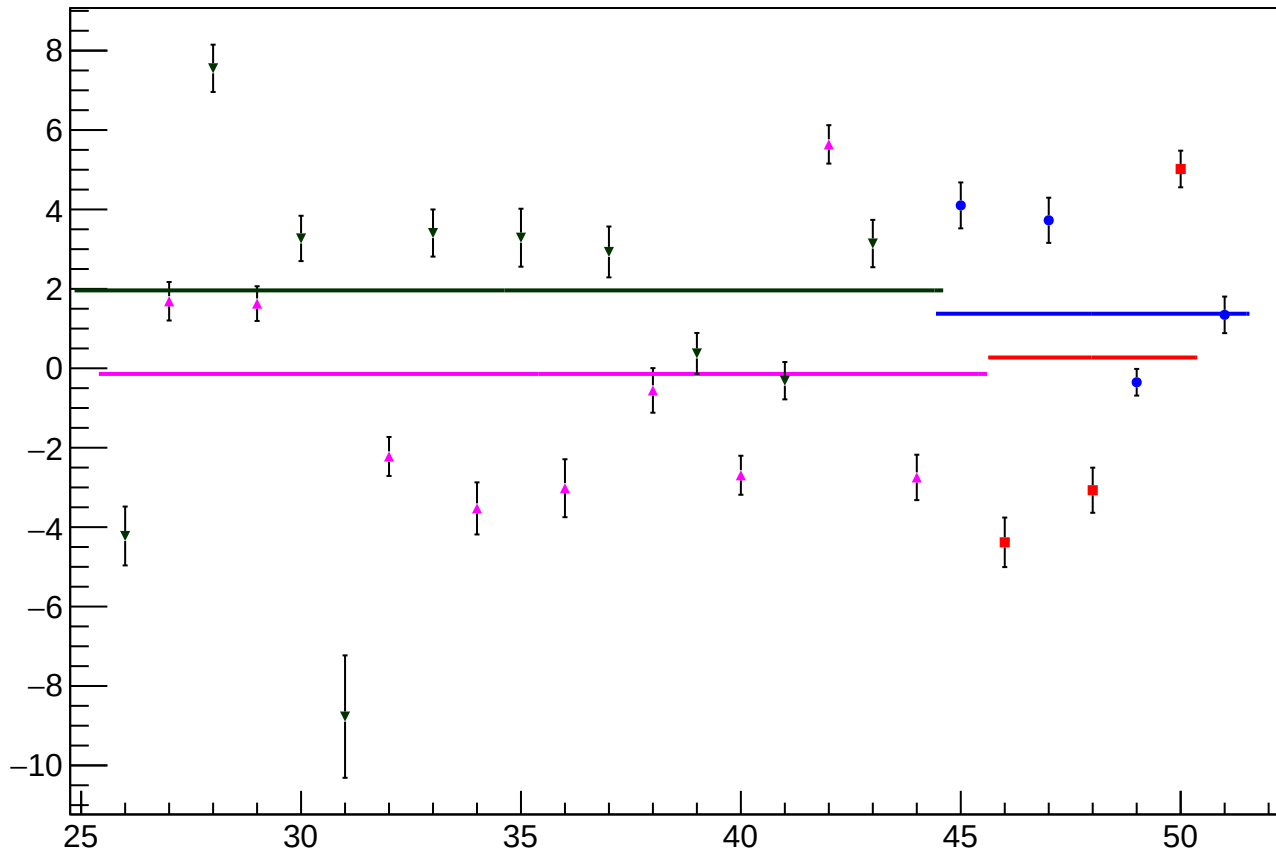
Left Out: -30.568 ± 0.261 $\chi^2/\text{NDF}: 173.1/9$

Right Out: 42.286 ± 0.399 $\chi^2/\text{NDF}: 27.8/2$

Left In: 30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-3.739 ± 0.140 $\chi^2/\text{NDF}: 65309.8/25$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.374 $\pm$ 0.225 χ^2 /NDF: 65.8/3

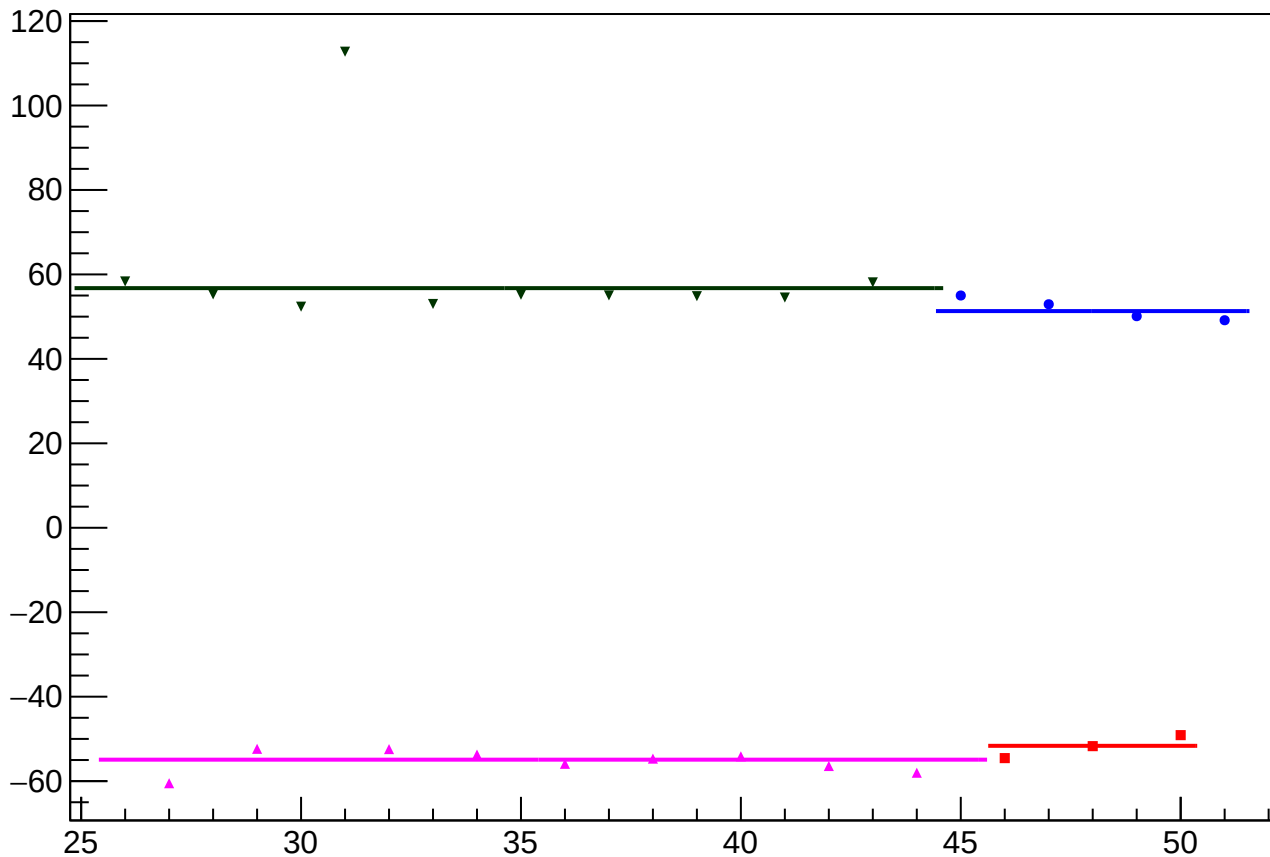
Left Out: 1.962 $\pm$ 0.195 χ^2 /NDF: 260.0/9

Right Out: 0.272 $\pm$ 0.310 χ^2 /NDF: 196.3/2

Left In: -0.142 $\pm$ 0.175 χ^2 /NDF: 282.0/8

0.866 $\pm$ 0.106 χ^2 /NDF: 877.5/25

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.316+/-0.053 χ^2/NDF : 1574.3/3

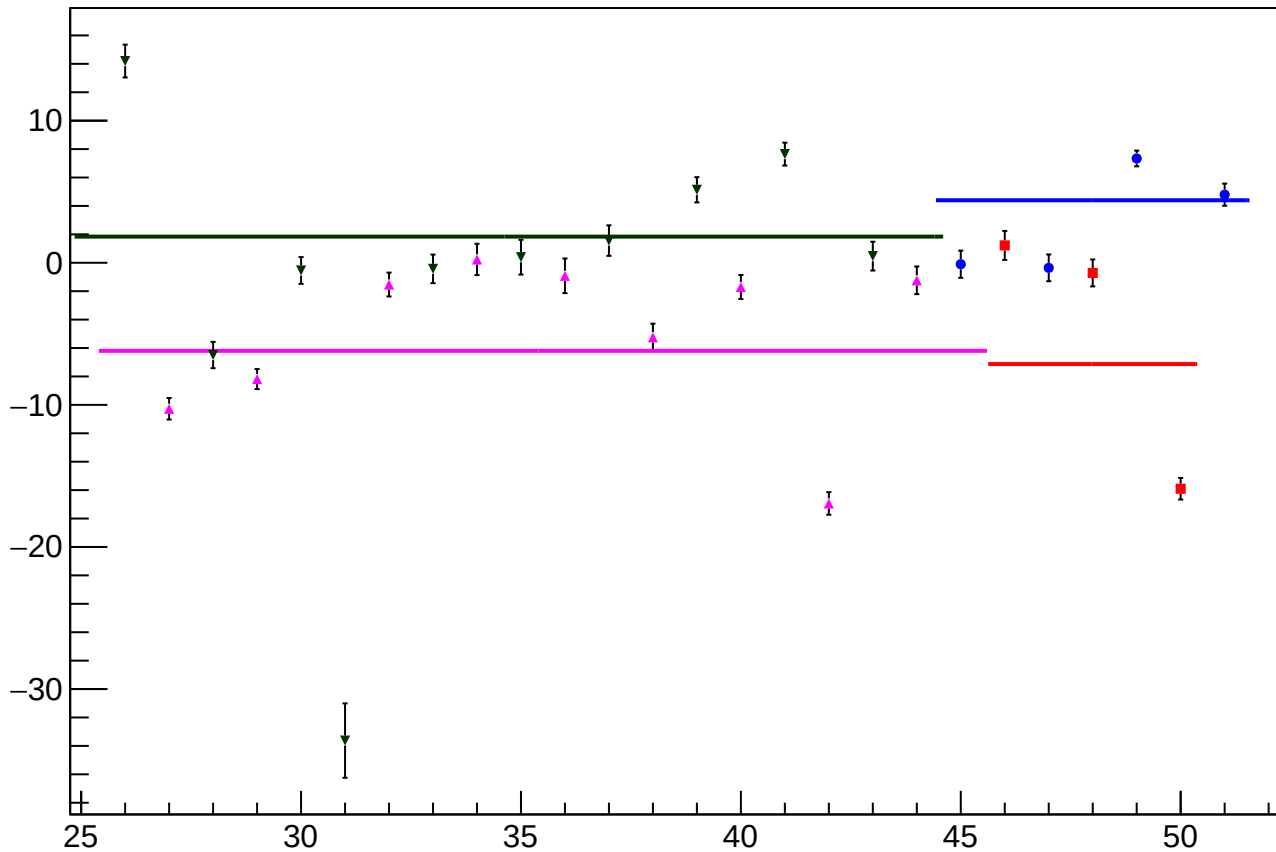
Left Out: 56.751+/-0.043 χ^2/NDF : 56417.9/9

Right Out: -51.638+/-0.071 χ^2/NDF : 993.8/2

Left In: -54.917+/-0.041 χ^2/NDF : 3795.7/8

3.017+/-0.024 χ^2/NDF : 5034951.4/25

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.398 ± 0.374 $\chi^2/\text{NDF}: 76.1/3$

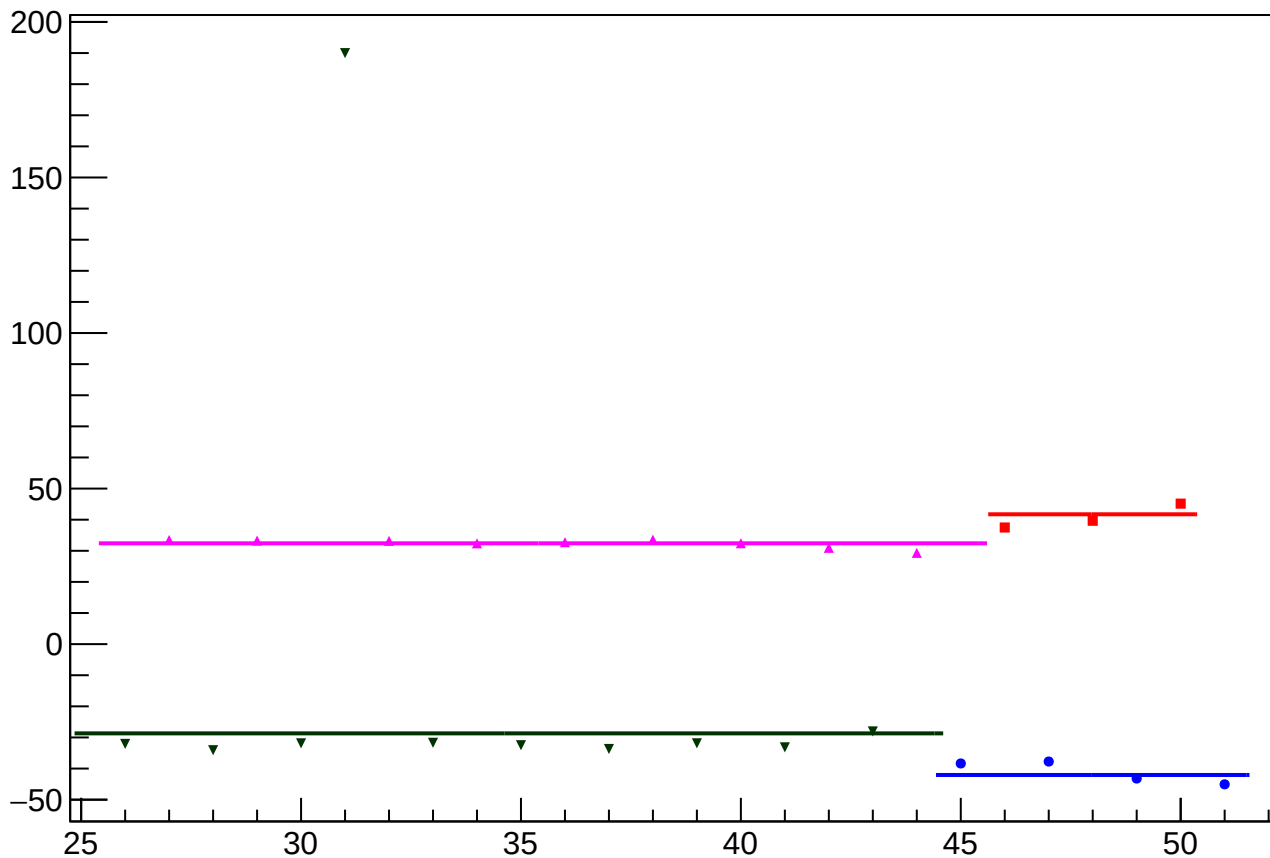
Left Out: 1.840 ± 0.325 $\chi^2/\text{NDF}: 459.7/9$

-1.595 ± 0.176 $\chi^2/\text{NDF}: 1874.6/25$

Right Out: -7.128 ± 0.513 $\chi^2/\text{NDF}: 245.9/2$

Left In: -6.199 ± 0.291 $\chi^2/\text{NDF}: 358.1/8$

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -42.061 ± 0.073 $\chi^2/\text{NDF}: 1439.5/3$

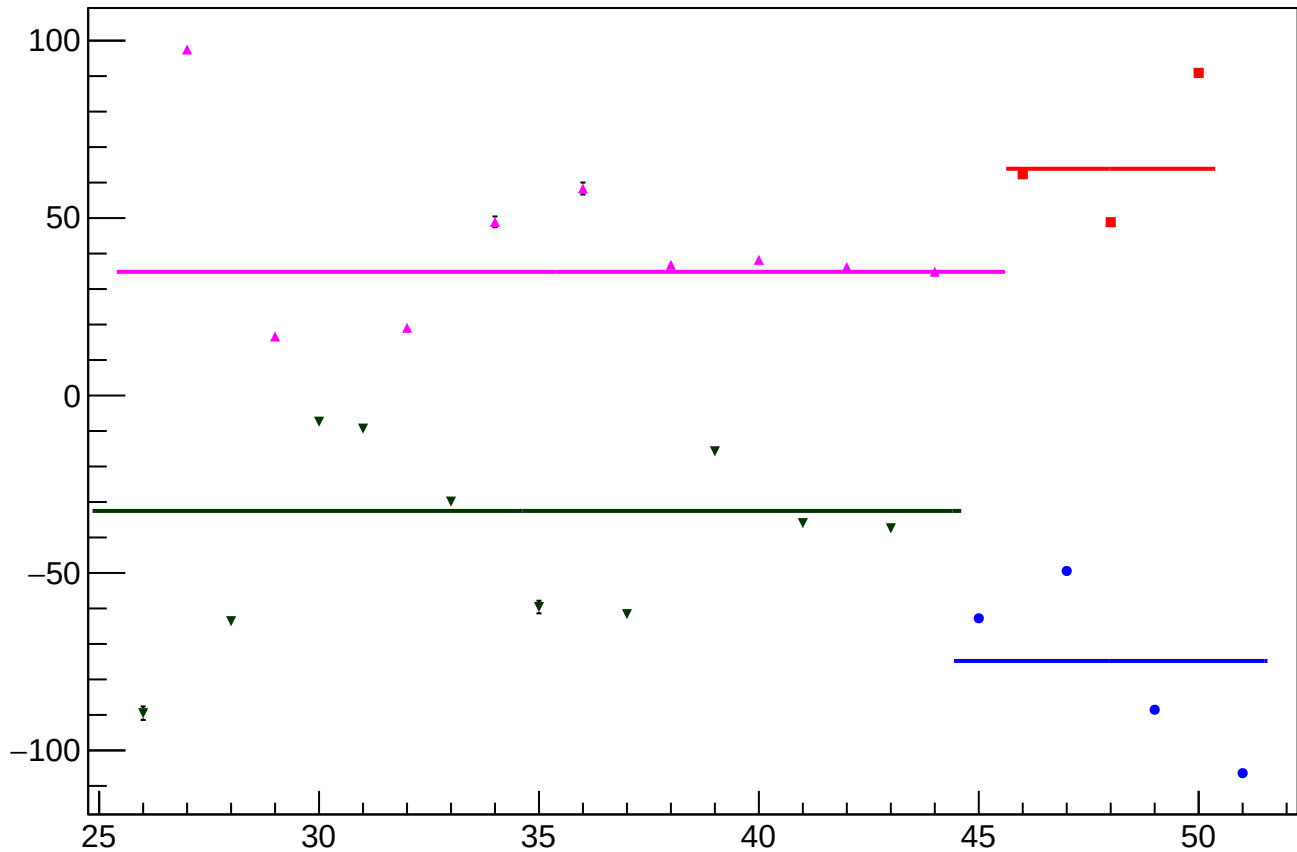
Left Out: -28.687 ± 0.059 $\chi^2/\text{NDF}: 220527.8/9$

Right Out: 41.736 ± 0.094 $\chi^2/\text{NDF}: 1225.1/2$

Left In: 32.407 ± 0.060 $\chi^2/\text{NDF}: 448.5/8$

-2.885 ± 0.034 $\chi^2/\text{NDF}: 1284010.9/25$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -74.794 $\pm$ 0.495 χ^2 /NDF: 1674.3/3

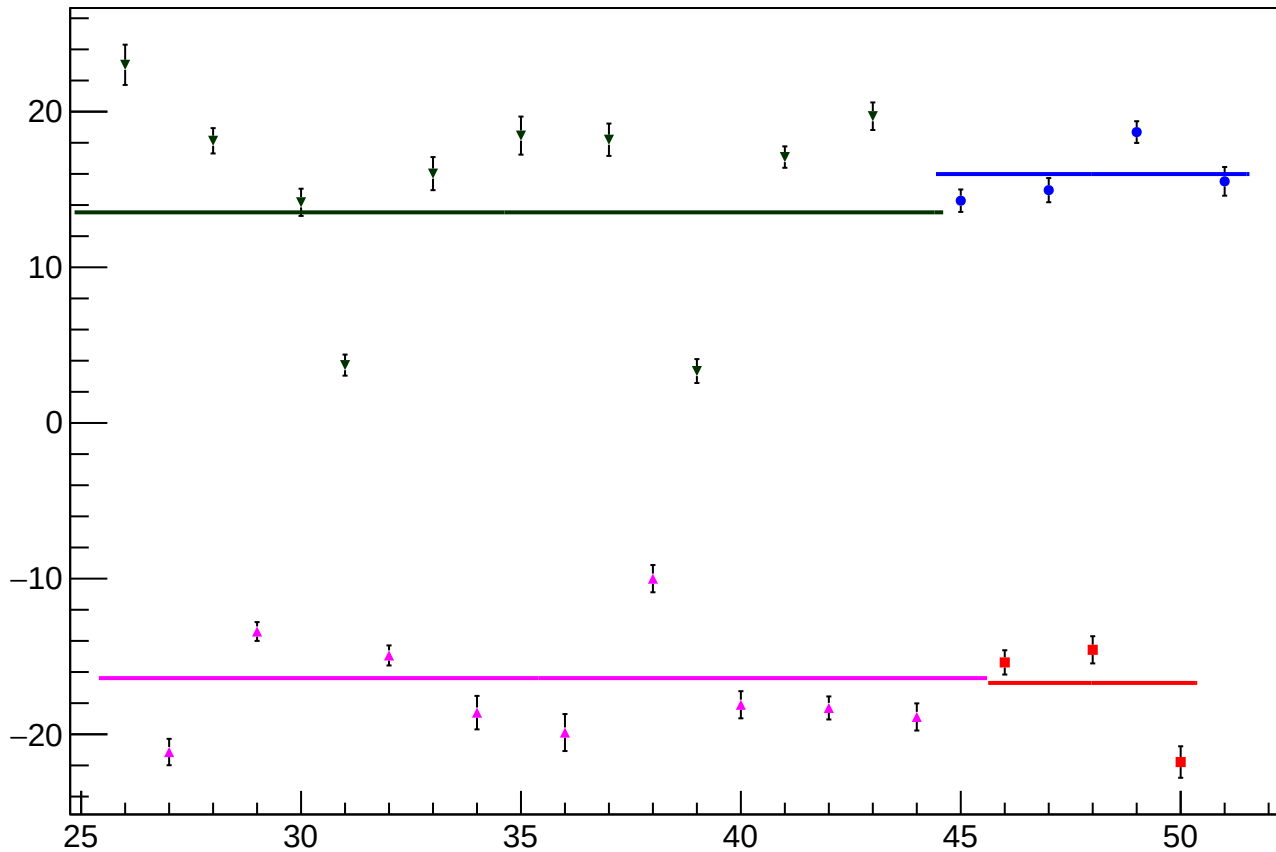
Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

-6.223 $\pm$ 0.214 χ^2 /NDF: 58715.2/25

Right Out: 63.897 $\pm$ 0.651 χ^2 /NDF: 618.4/2

Left In: 34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 15.990+/-0.383 χ^2/NDF : 22.6/3

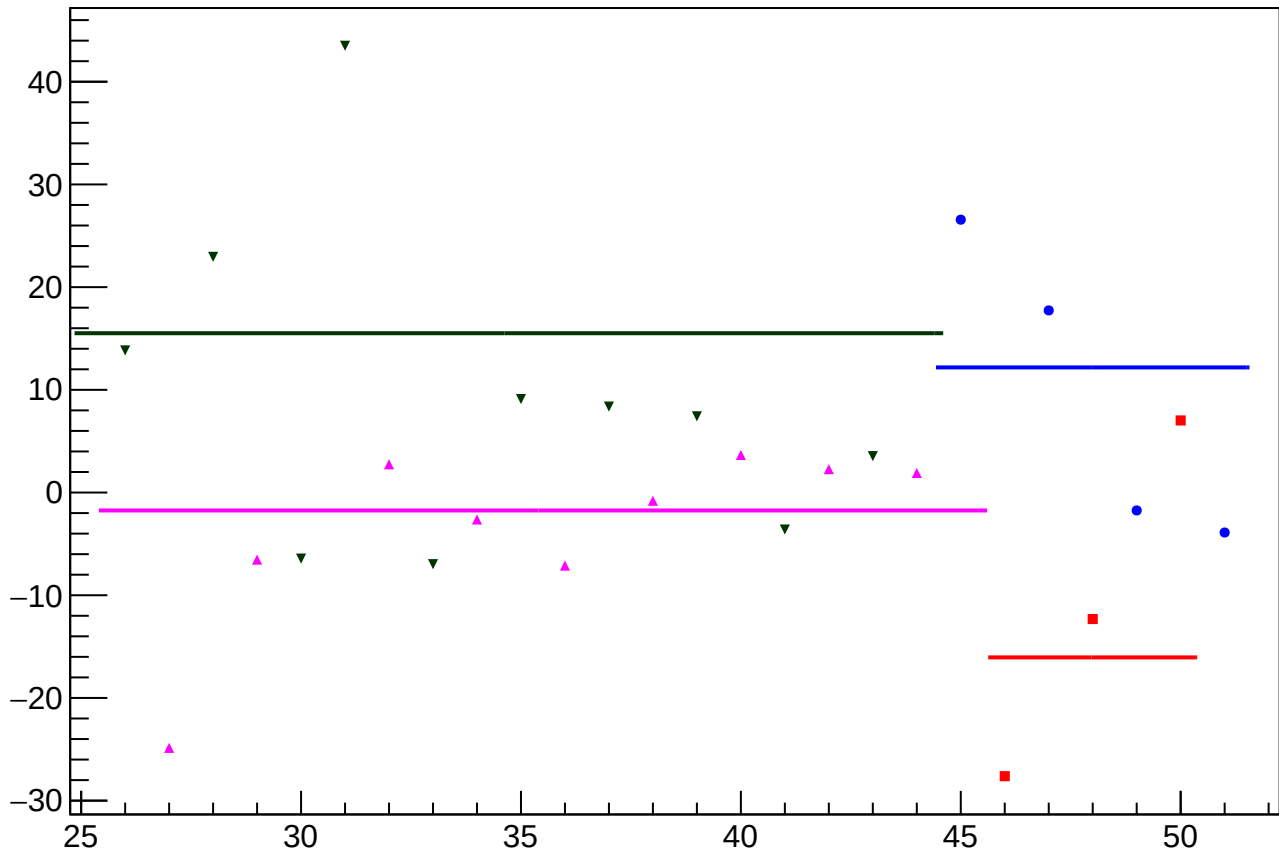
Left Out: 13.531+/-0.276 χ^2/NDF : 589.5/9

Right Out: -16.700+/-0.504 χ^2/NDF : 34.0/2

Left In: -16.391+/-0.268 χ^2/NDF : 146.0/8

-0.162+/-0.163 χ^2/NDF : 9768.7/25

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.183+/-0.088 χ^2/NDF : 20621.6/3

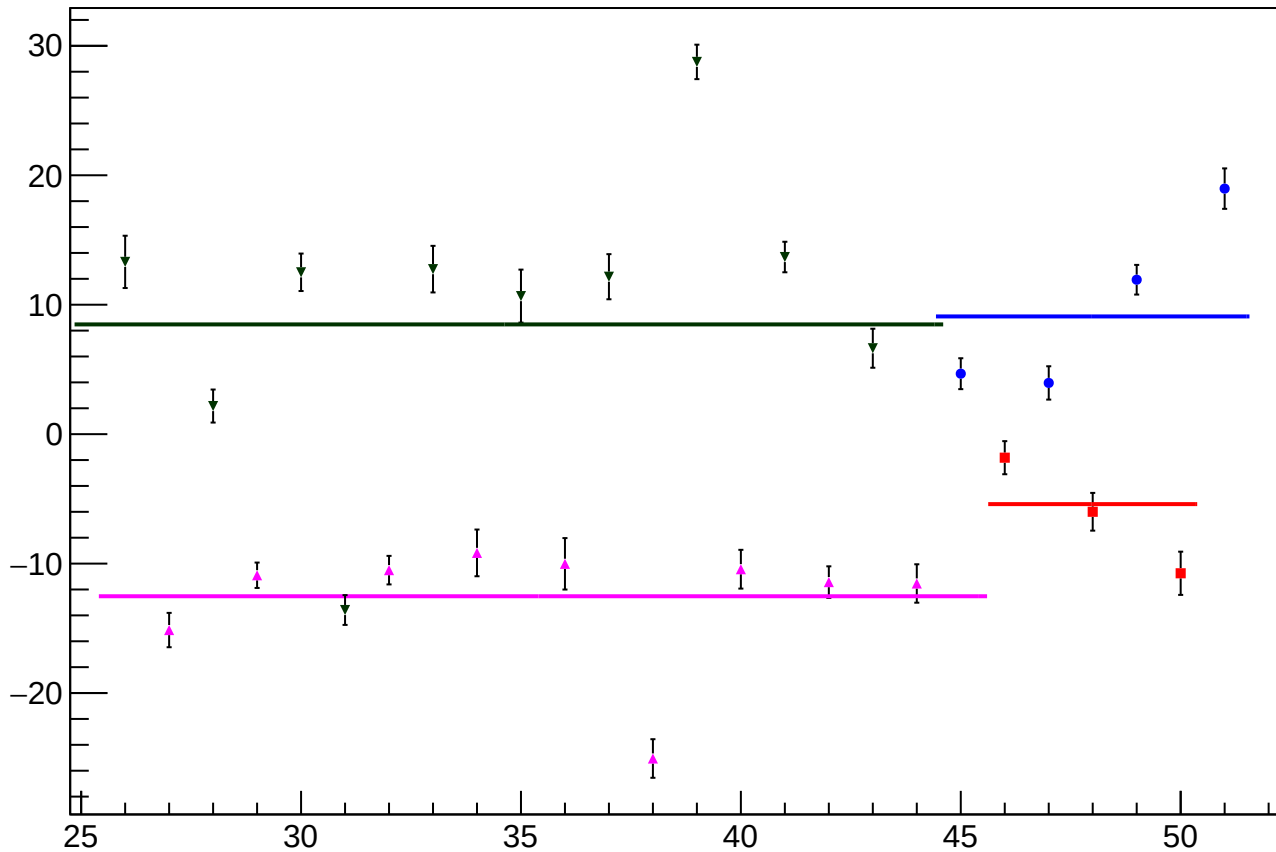
Left Out: 15.514+/-0.057 χ^2/NDF : 116500.8/9

Right Out: -16.052+/-0.110 χ^2/NDF : 13801.2/2

Left In: -1.745+/-0.061 χ^2/NDF : 13830.4/8

5.779+/-0.036 χ^2/NDF : 253717.1/25

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 9.095+/-0.636 χ^2/NDF : 75.7/3

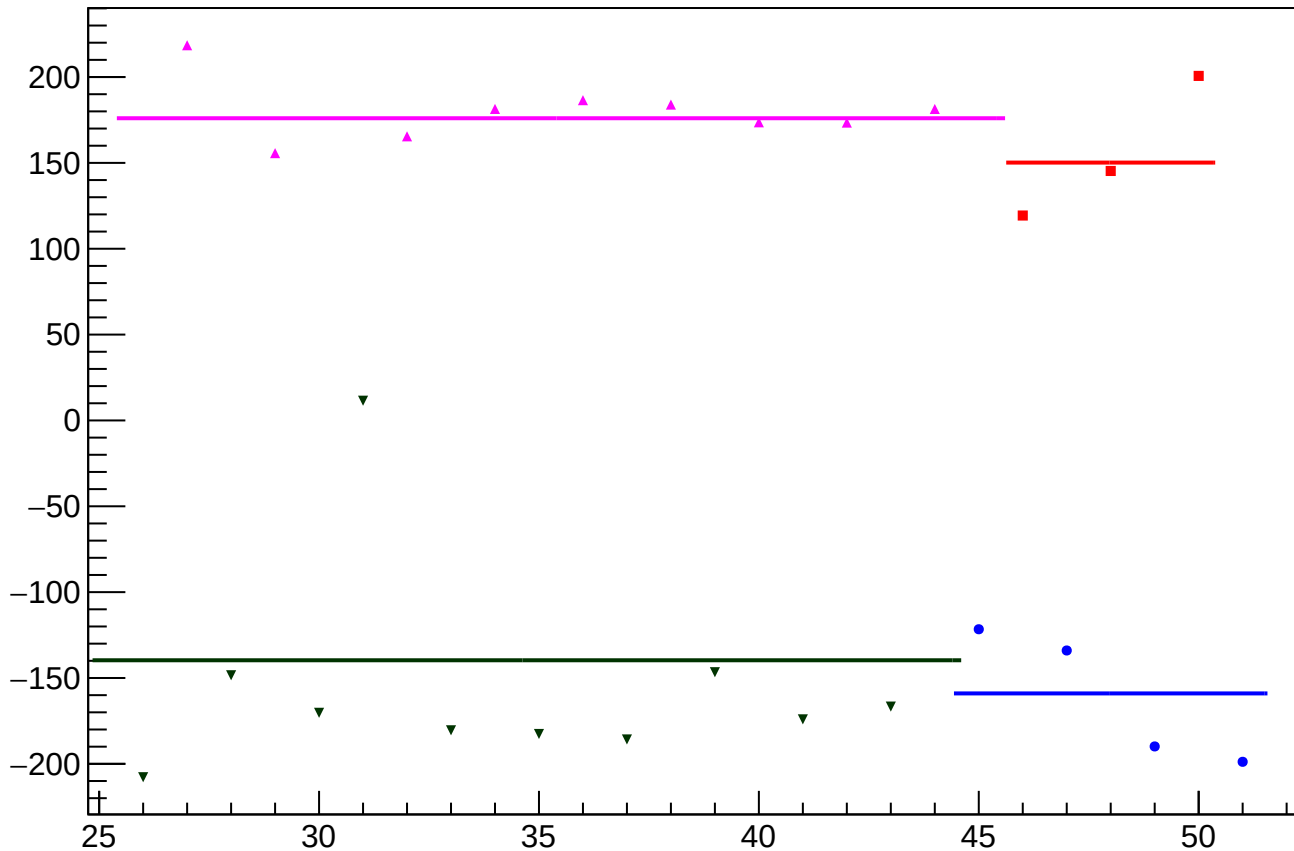
Left Out: 8.478+/-0.462 χ^2/NDF : 669.8/9

Right Out: -5.404+/-0.833 χ^2/NDF : 18.3/2

Left In: -12.522+/-0.447 χ^2/NDF : 88.8/8

-0.608+/-0.271 χ^2/NDF : 2217.8/25

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -158.984+/-0.124 χ^2/NDF : 70798.9/3

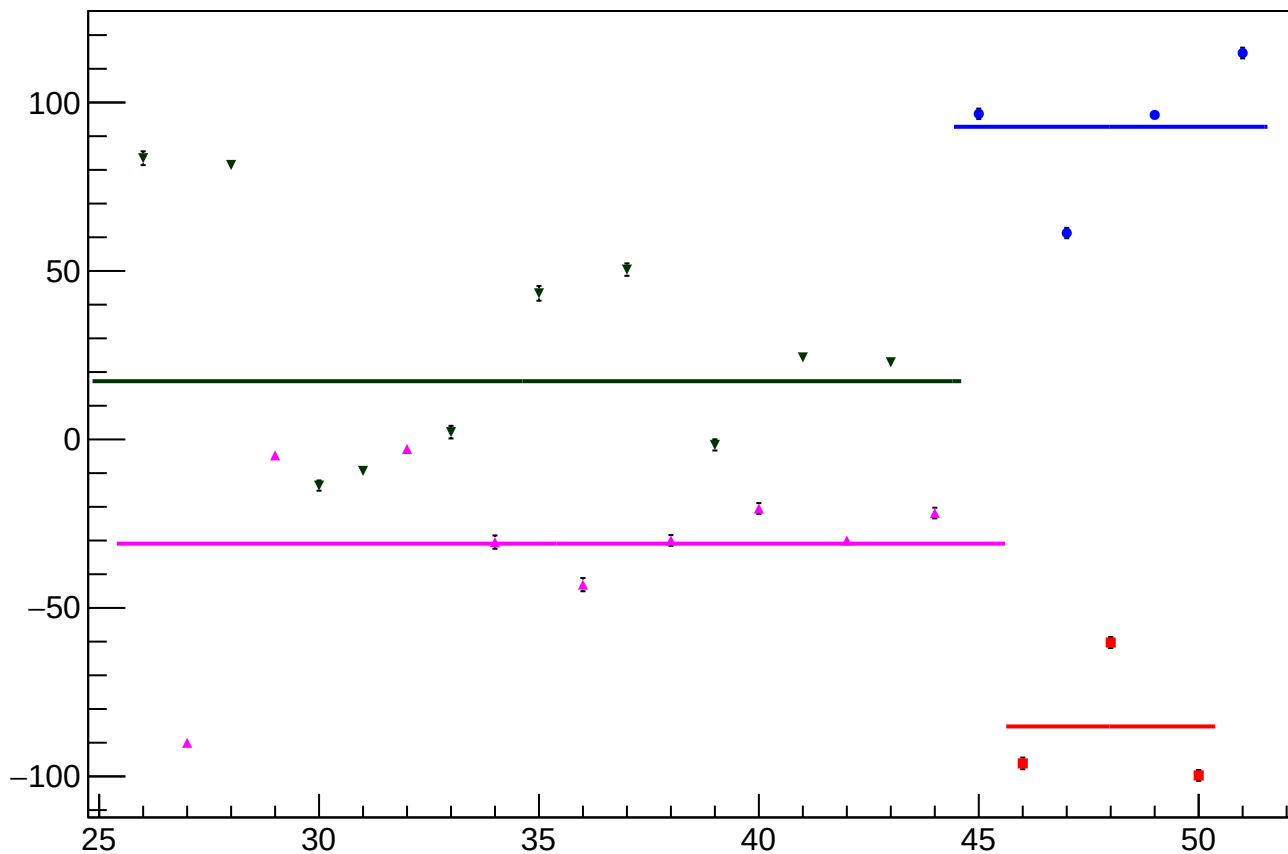
Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

Right Out: 150.179+/-0.158 χ^2/NDF : 43394.9/2

Left In: 176.005+/-0.093 χ^2/NDF : 29134.4/8

-8.491+/-0.053 χ^2/NDF : 9618279.9/25

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 92.793+/-0.691 χ^2/NDF : 624.8/3

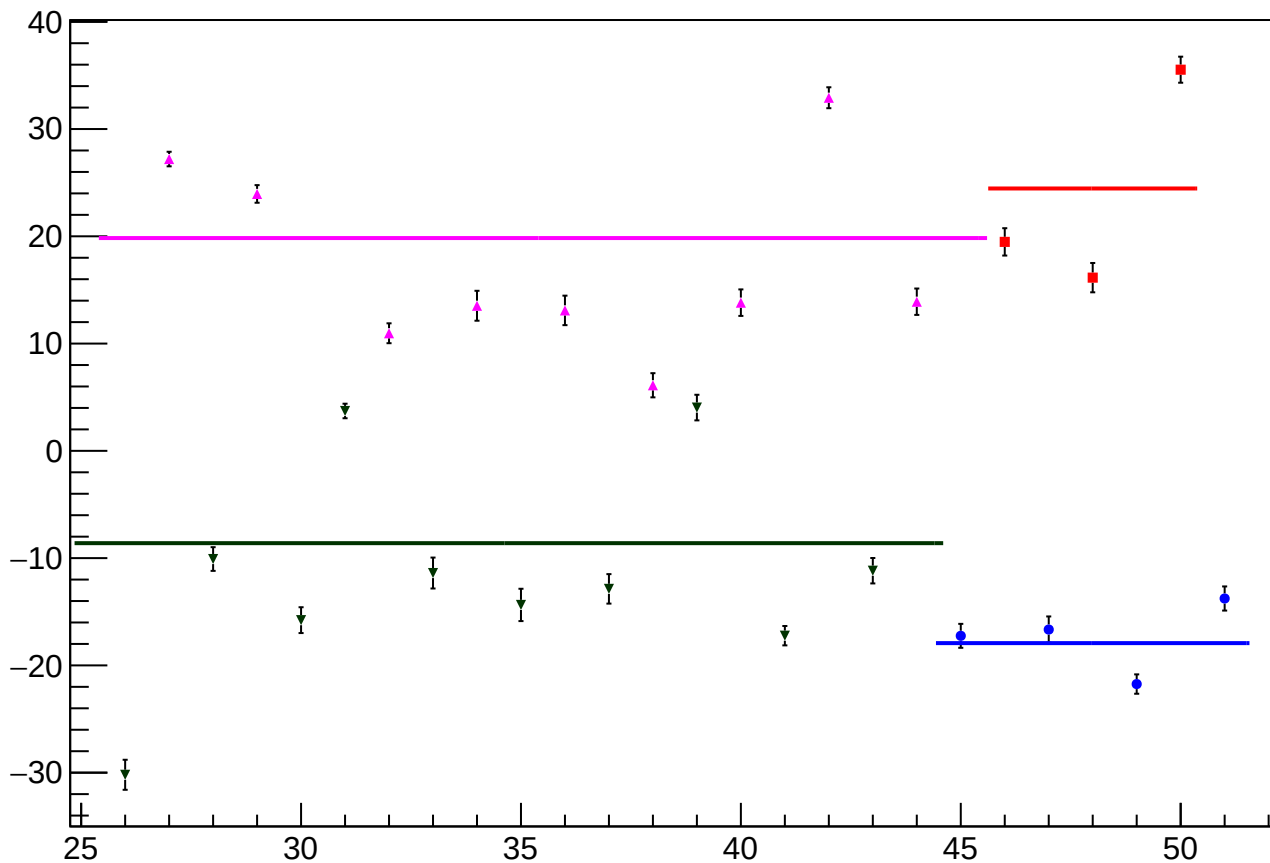
Left Out: 17.287+/-0.451 χ^2/NDF : 5099.2/9

3.275+/-0.280 χ^2/NDF : 42108.0/25

Right Out: -85.171+/-0.955 χ^2/NDF : 353.8/2

Left In: -30.920+/-0.463 χ^2/NDF : 4232.7/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -17.924 $\pm$ 0.535 χ^2 /NDF: 33.0/3

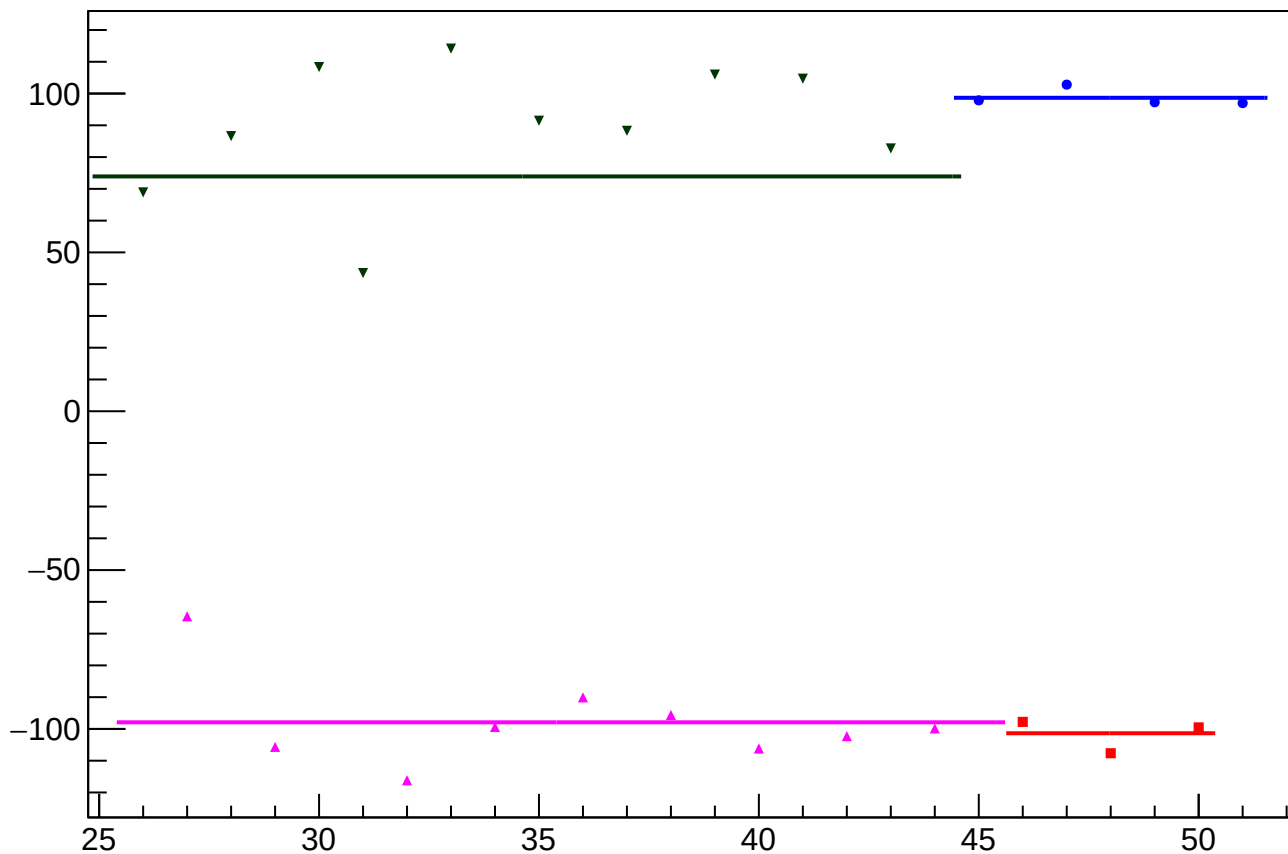
Left Out: -8.606 $\pm$ 0.347 χ^2 /NDF: 842.3/9

Right Out: 24.458 $\pm$ 0.739 χ^2 /NDF: 135.4/2

Left In: 19.837 $\pm$ 0.333 χ^2 /NDF: 654.2/8

3.960 $\pm$ 0.210 χ^2 /NDF: 7685.8/25

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 98.664 $\pm$ 0.125 χ^2 /NDF: 342.7/3

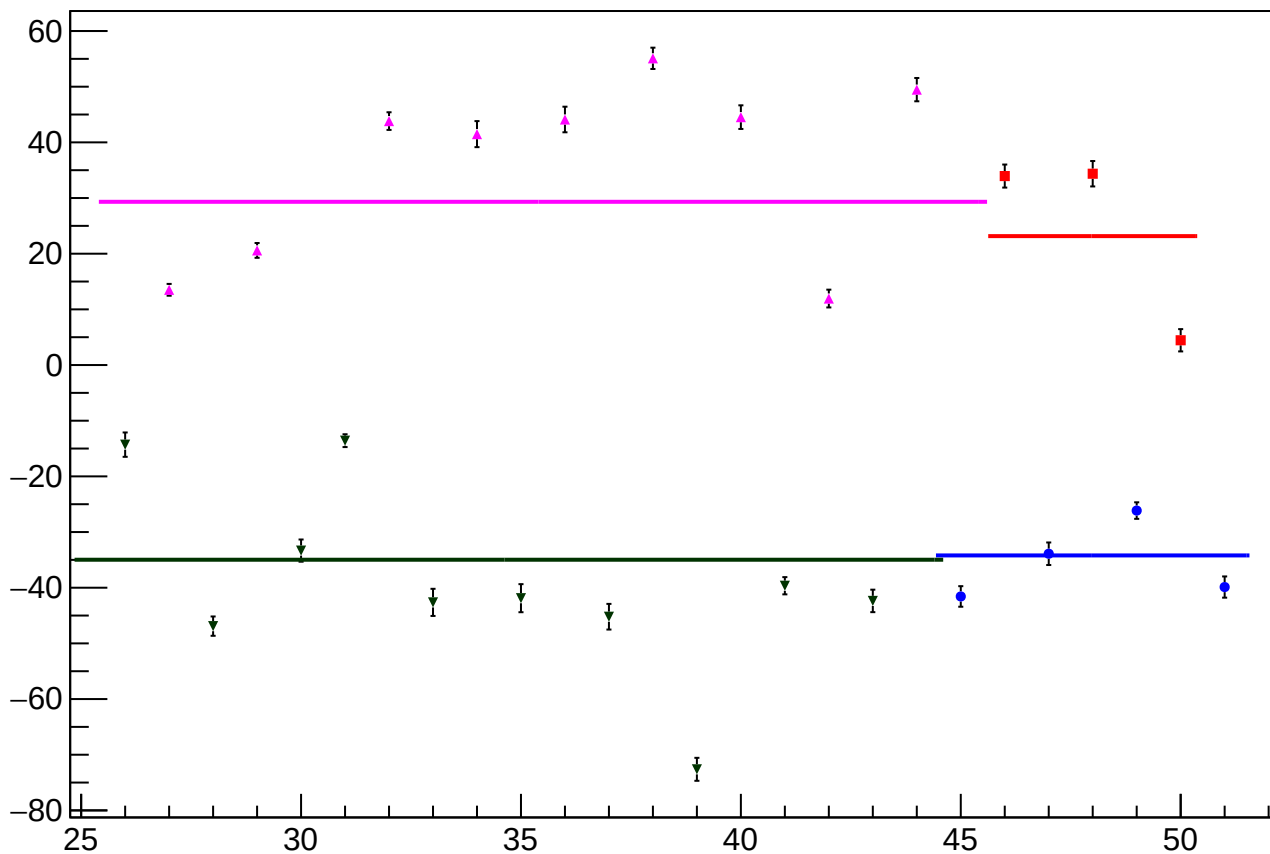
Left Out: 73.915 $\pm$ 0.069 χ^2 /NDF: 161181.8/9

Right Out: -101.355 $\pm$ 0.165 χ^2 /NDF: 677.6/2

Left In: -97.913 $\pm$ 0.079 χ^2 /NDF: 43937.6/8

5.150 $\pm$ 0.046 χ^2 /NDF: 3860114.4/25

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -34.200 ± 0.889 $\chi^2/\text{NDF}: 54.3/3$

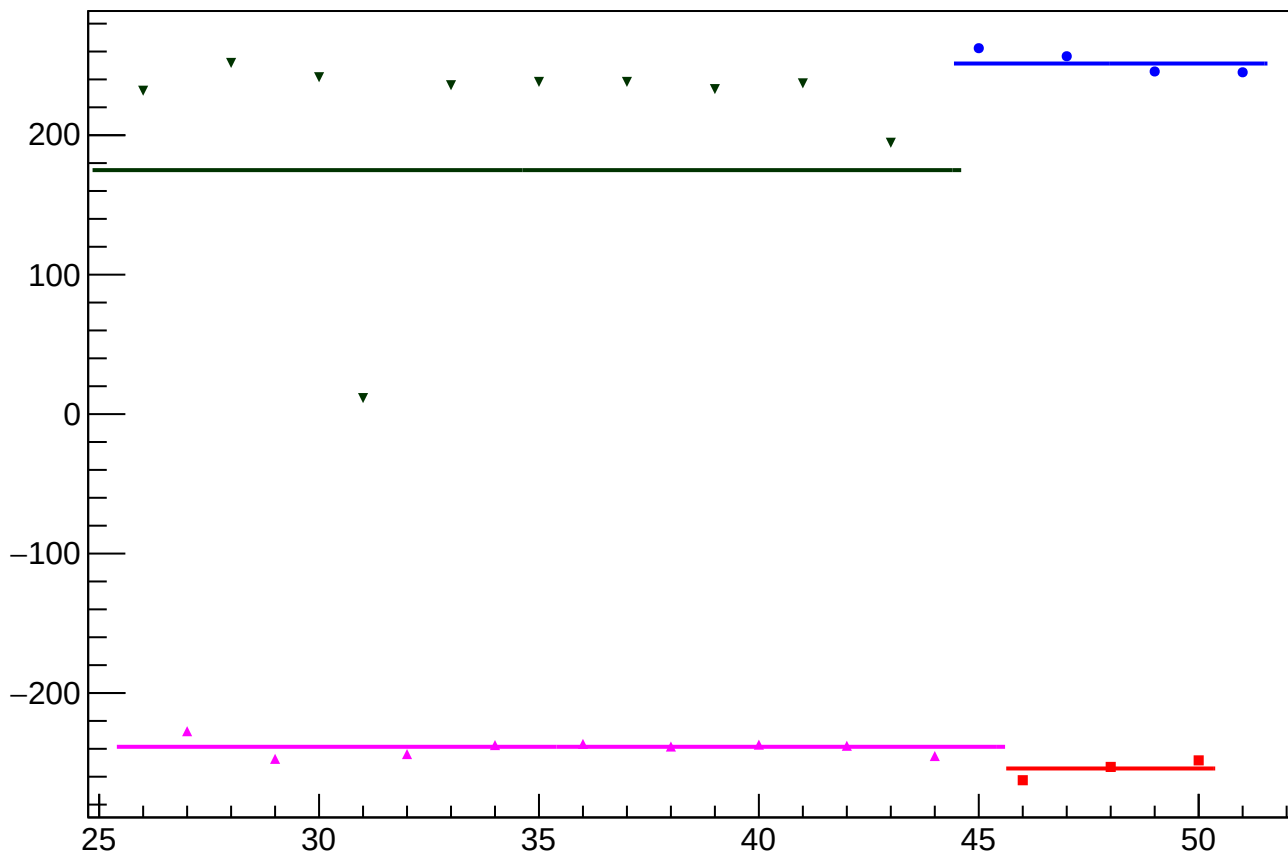
Left Out: -34.973 ± 0.581 $\chi^2/\text{NDF}: 875.4/9$

Right Out: 23.158 ± 1.217 $\chi^2/\text{NDF}: 138.6/2$

Left In: 29.322 ± 0.547 $\chi^2/\text{NDF}: 861.1/8$

-4.037 ± 0.348 $\chi^2/\text{NDF}: 10129.1/25$

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 251.397 $\pm$ 0.173 χ^2 /NDF: 1747.2/3

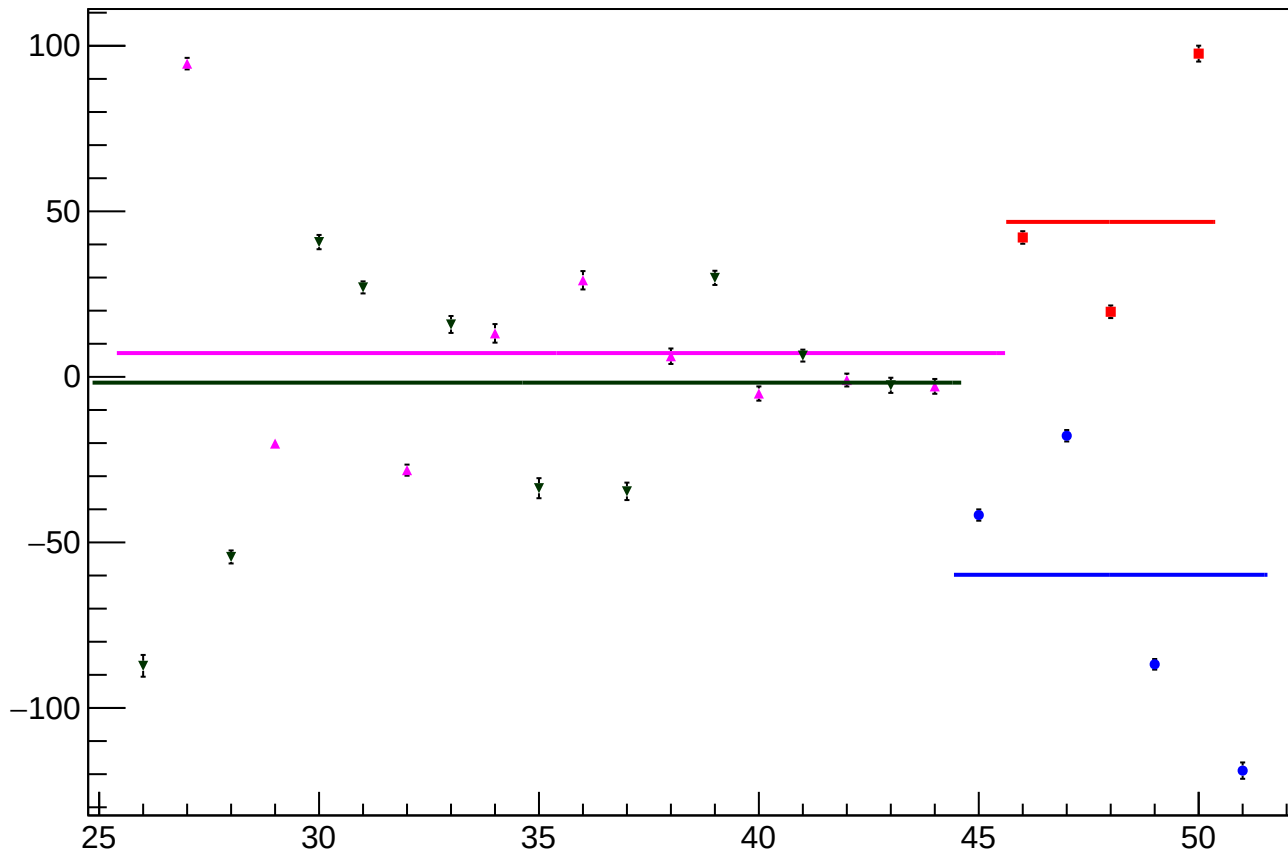
Left Out: 174.958 $\pm$ 0.106 χ^2 /NDF: 866358.0/9

Right Out: -254.104 $\pm$ 0.228 χ^2 /NDF: 689.6/2

Left In: -238.557 $\pm$ 0.118 χ^2 /NDF: 3005.9/8

8.176 $\pm$ 0.069 χ^2 /NDF: 11017579.1/25

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -59.778 $\pm$ 0.902 χ^2 /NDF: 1558.6/3

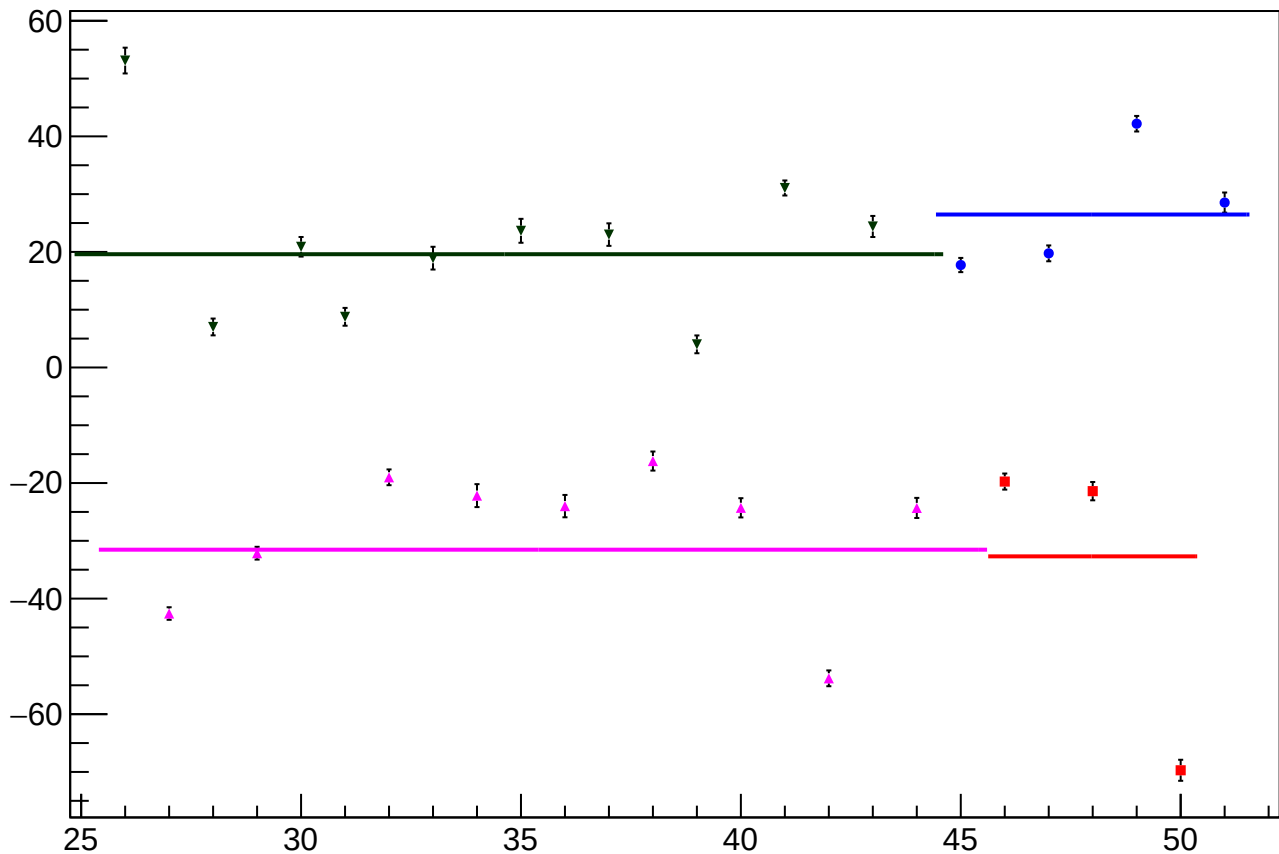
Left Out: -1.743 $\pm$ 0.709 χ^2 /NDF: 2580.4/9

Right Out: 46.810 $\pm$ 1.172 χ^2 /NDF: 657.8/2

Left In: 7.188 $\pm$ 0.664 χ^2 /NDF: 3435.5/8

-4.268 $\pm$ 0.401 χ^2 /NDF: 14228.6/25

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 26.475+/-0.695 χ^2/NDF : 212.0/3

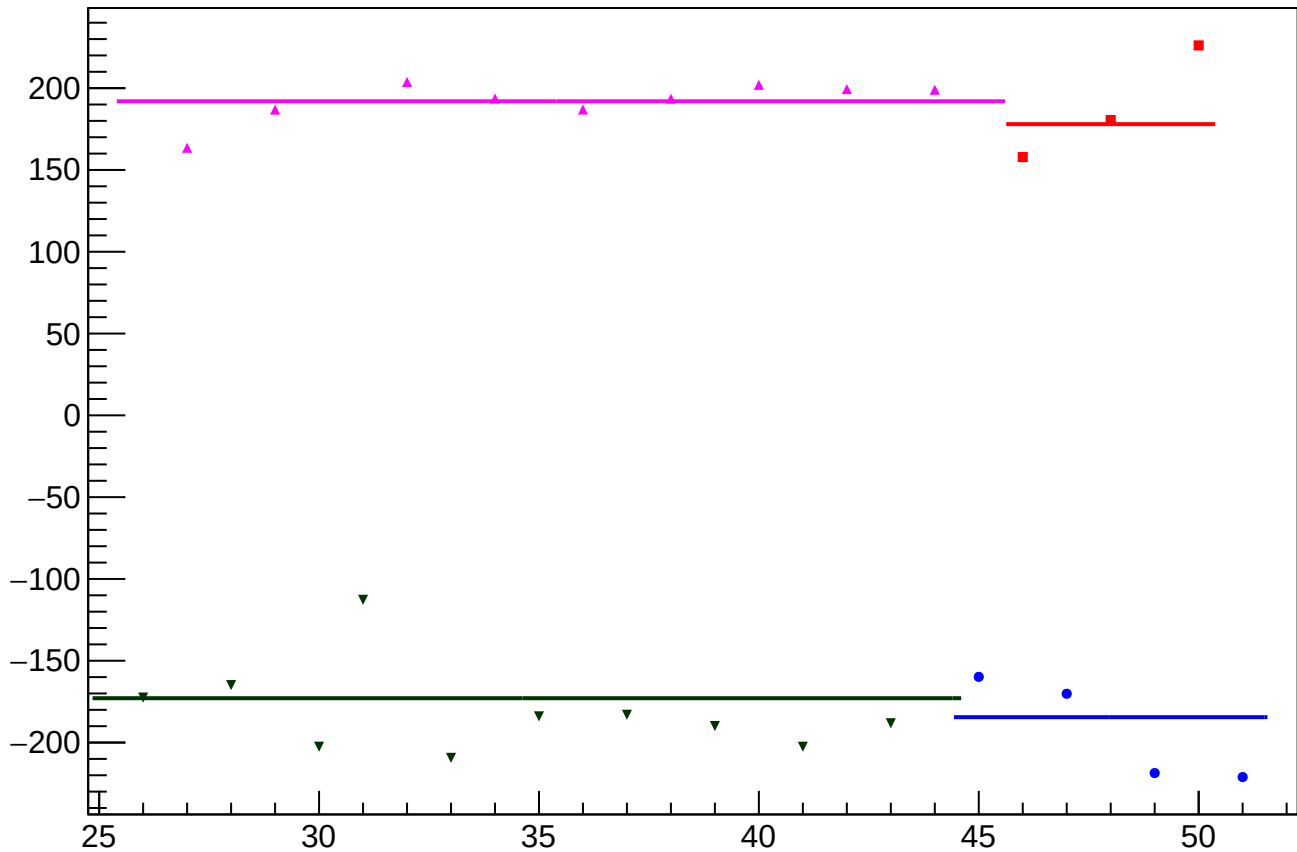
Left Out: 19.603+/-0.534 χ^2/NDF : 544.7/9

Right Out: -32.690+/-0.907 χ^2/NDF : 551.0/2

Left In: -31.535+/-0.482 χ^2/NDF : 612.9/8

-4.688+/-0.300 χ^2/NDF : 10067.0/25

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -184.489+/-0.159 χ^2/NDF : 28172.4/3

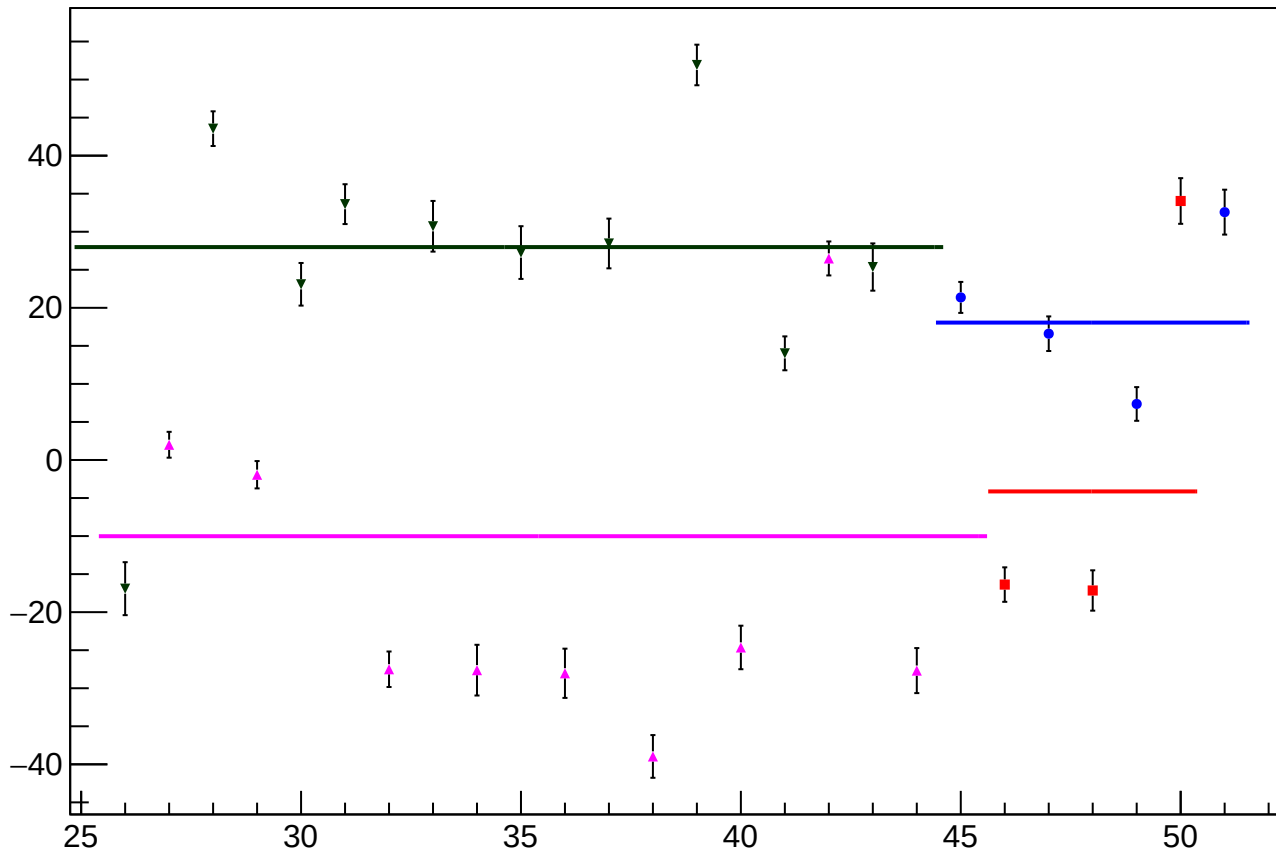
Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

Right Out: 178.001+/-0.197 χ^2/NDF : 15975.6/2

Left In: 191.976+/-0.115 χ^2/NDF : 12393.0/8

-6.342+/-0.068 χ^2/NDF : 7403179.1/25

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 18.059 ± 1.152 χ^2/NDF : 50.6/3

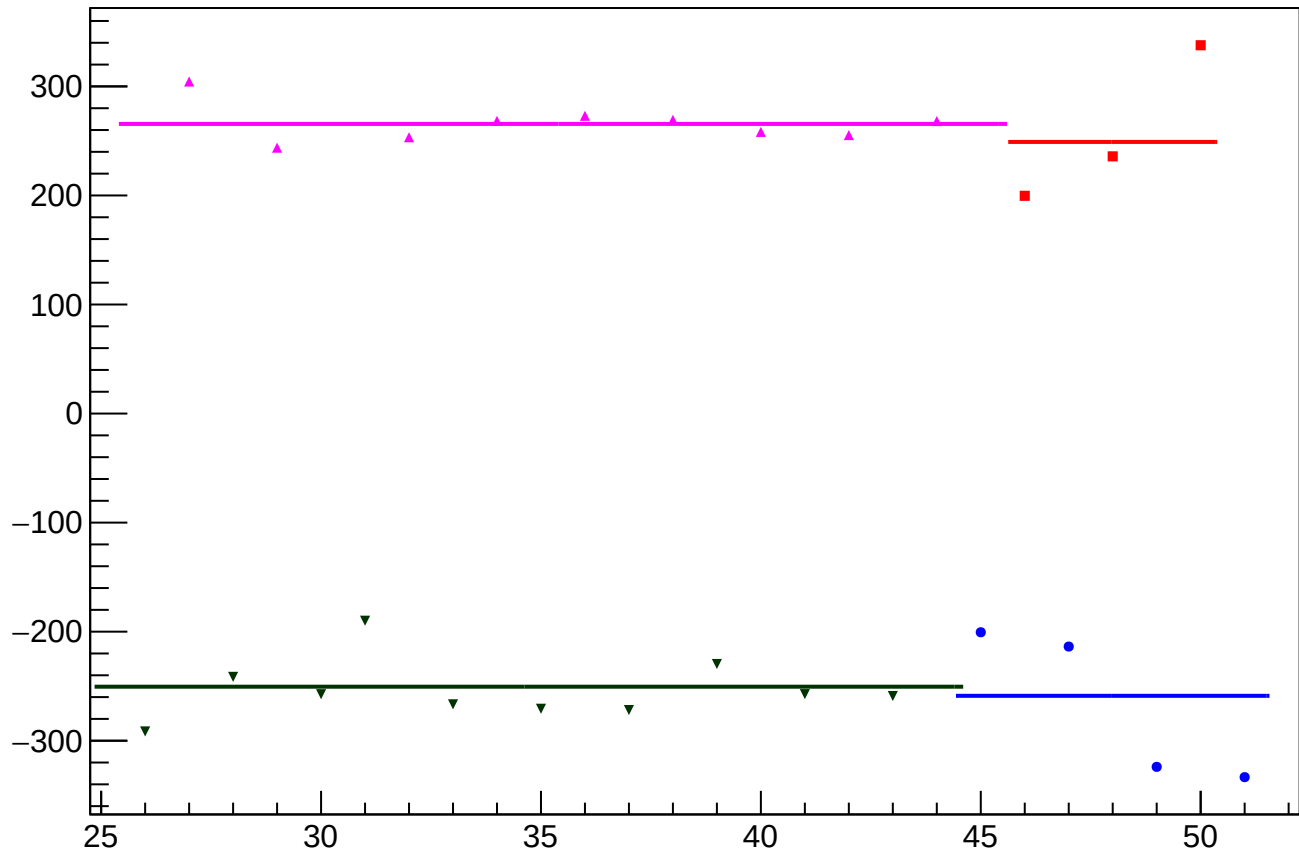
Left Out: 27.983 ± 0.890 χ^2/NDF : 341.9/9

Right Out: -4.133 ± 1.494 χ^2/NDF : 215.0/2

Left In: -10.018 ± 0.793 χ^2/NDF : 620.8/8

7.680 ± 0.497 χ^2/NDF : 2389.6/25

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -258.827 ± 0.225 $\chi^2/\text{NDF}: 71004.0/3$

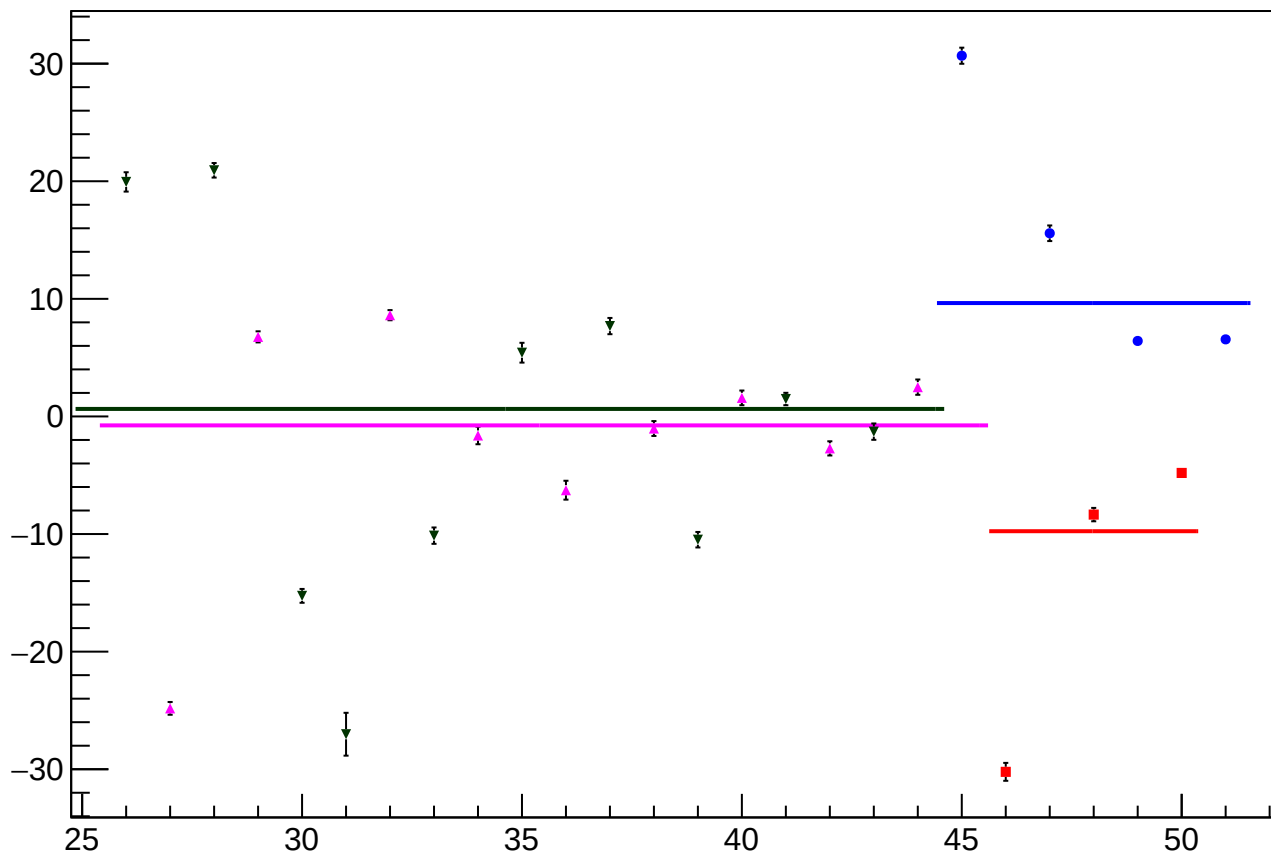
Left Out: -250.466 ± 0.164 $\chi^2/\text{NDF}: 28122.4/9$

Right Out: 249.086 ± 0.284 $\chi^2/\text{NDF}: 39672.8/2$

Left In: 265.603 ± 0.168 $\chi^2/\text{NDF}: 12152.3/8$

-18.389 ± 0.098 $\chi^2/\text{NDF}: 7042183.3/25$

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.641 ± 0.210 χ^2/NDF : 1209.4/3

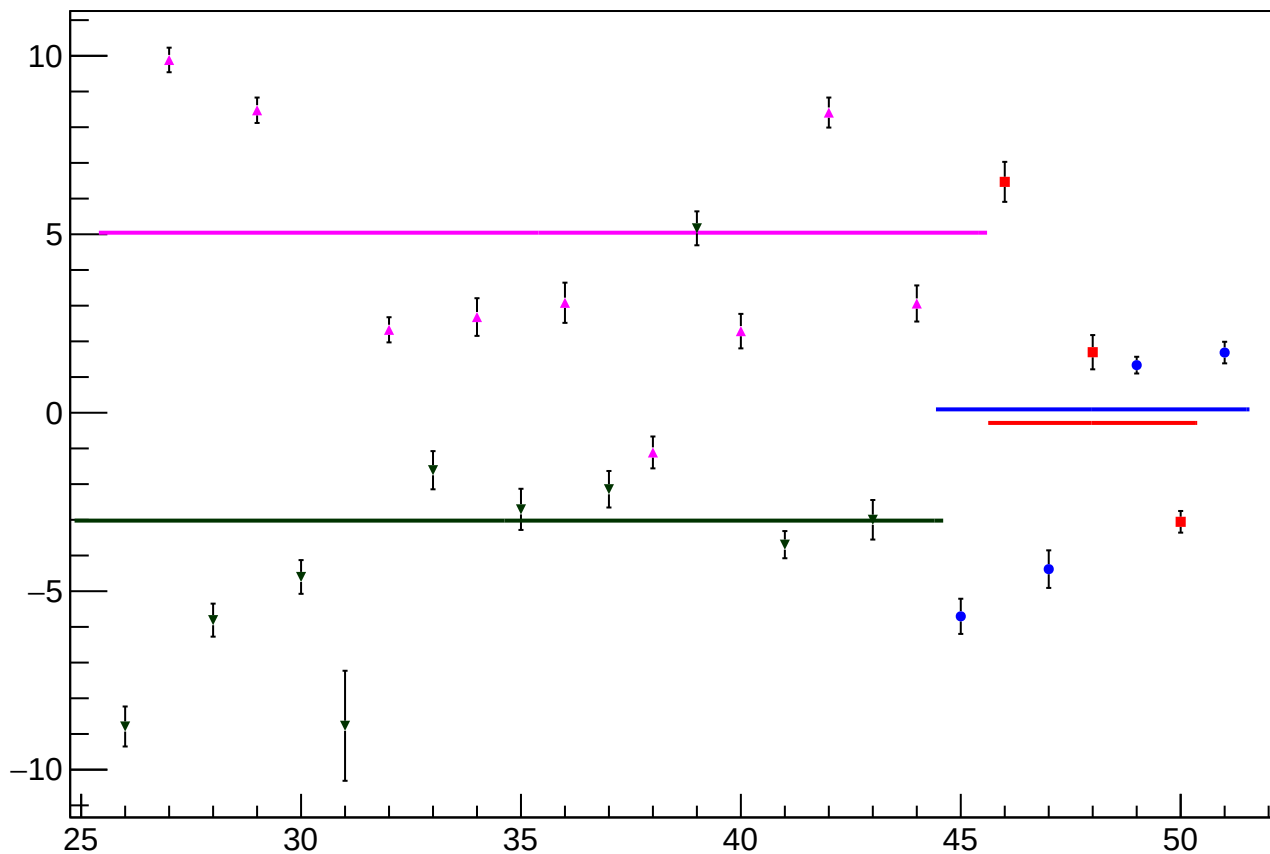
Left Out: 0.639 ± 0.219 χ^2/NDF : 3258.0/9

Right Out: -9.759 ± 0.301 χ^2/NDF : 881.1/2

Left In: -0.761 ± 0.193 χ^2/NDF : 2789.0/8

1.282 ± 0.111 χ^2/NDF : 11194.0/25

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.094 ± 0.165 $\chi^2/\text{NDF}: 266.6/3$

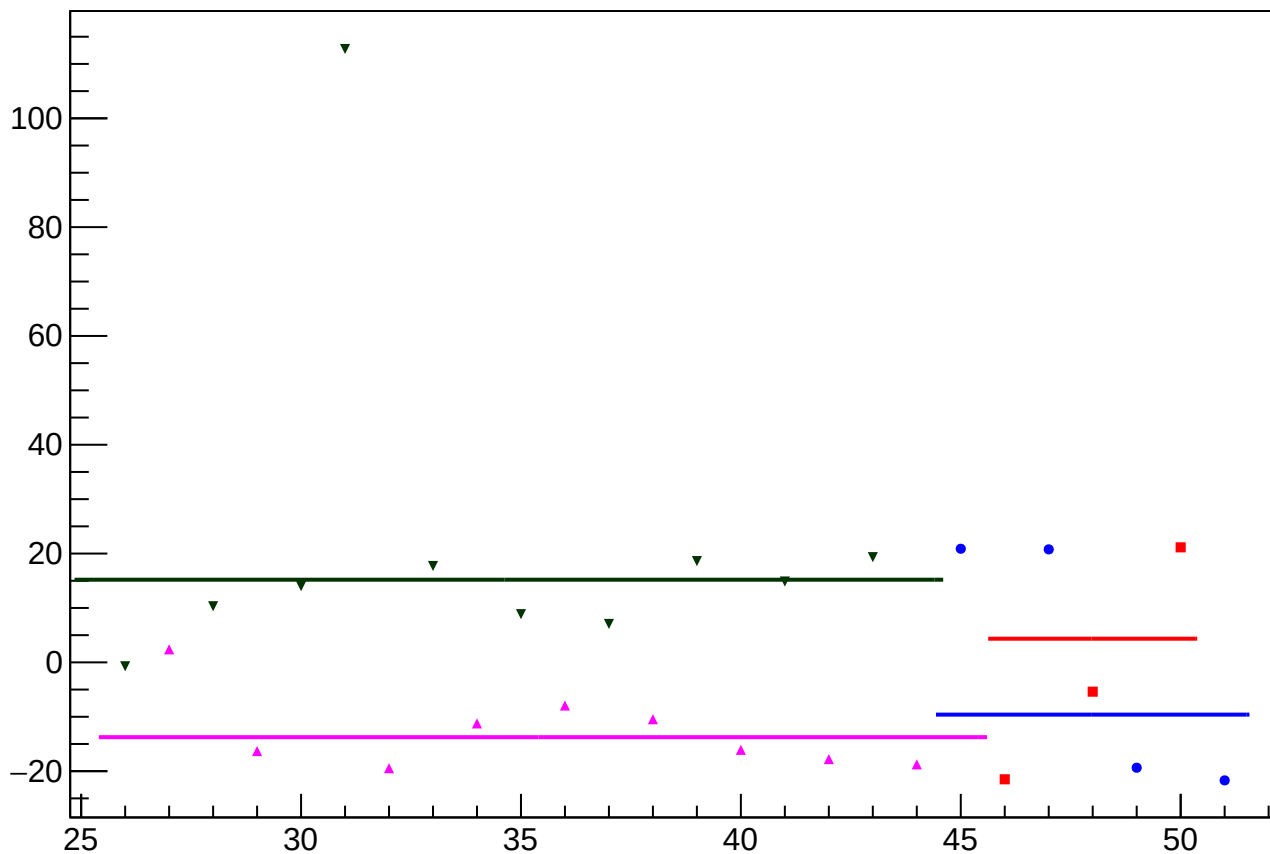
Left Out: -3.022 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

Right Out: -0.285 ± 0.233 $\chi^2/\text{NDF}: 245.8/2$

Left In: 5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

0.955 ± 0.084 $\chi^2/\text{NDF}: 3161.1/25$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -9.604+/-0.040 χ^2/NDF : 207216.5/3

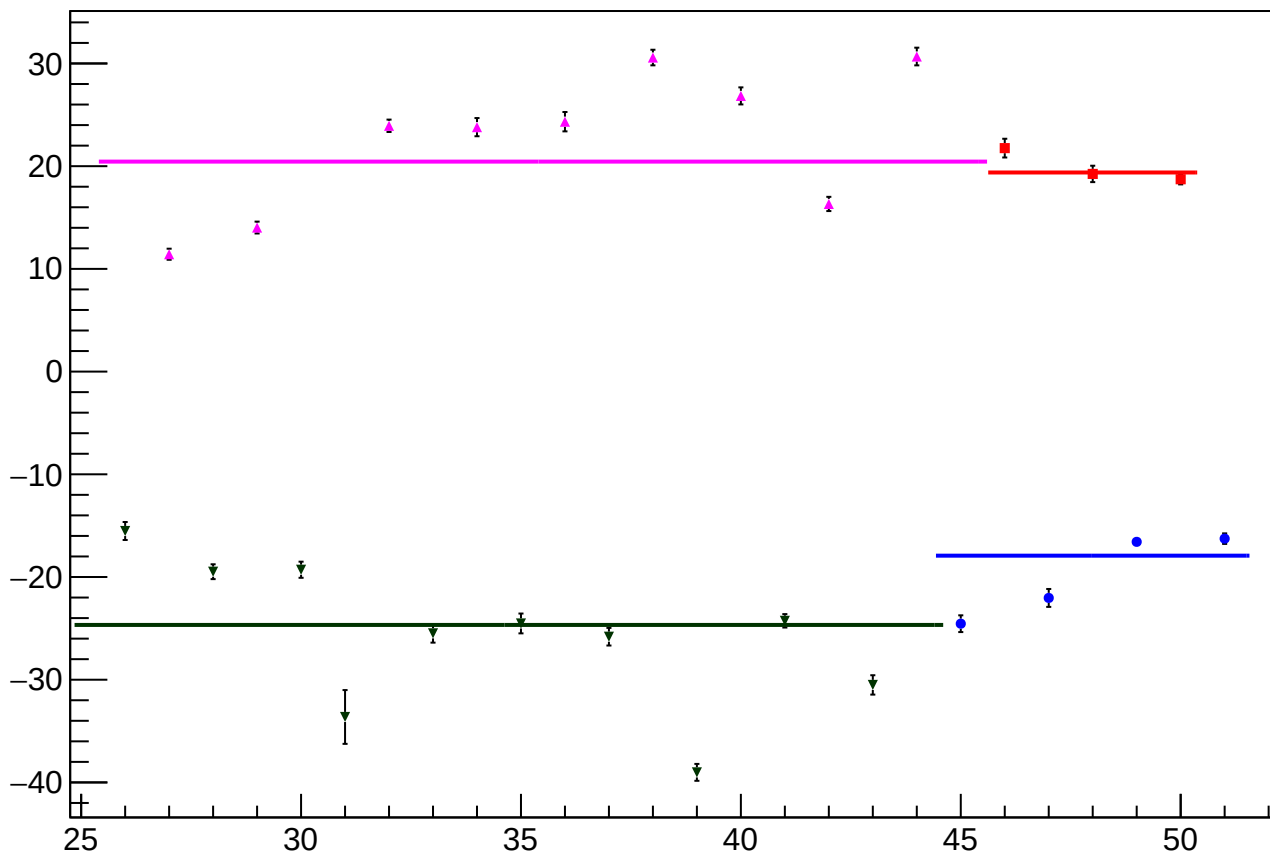
Left Out: 15.193+/-0.036 χ^2/NDF :187459.6/9

Right Out: 4.350+/-0.055 χ^2/NDF : 107318.0/2

Left In: -13.747+/-0.033 χ^2/NDF :44234.8/8

-2.210+/-0.019 χ^2/NDF : 951577.3/25

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -17.922 ± 0.274 $\chi^2/\text{NDF}: 110.9/3$

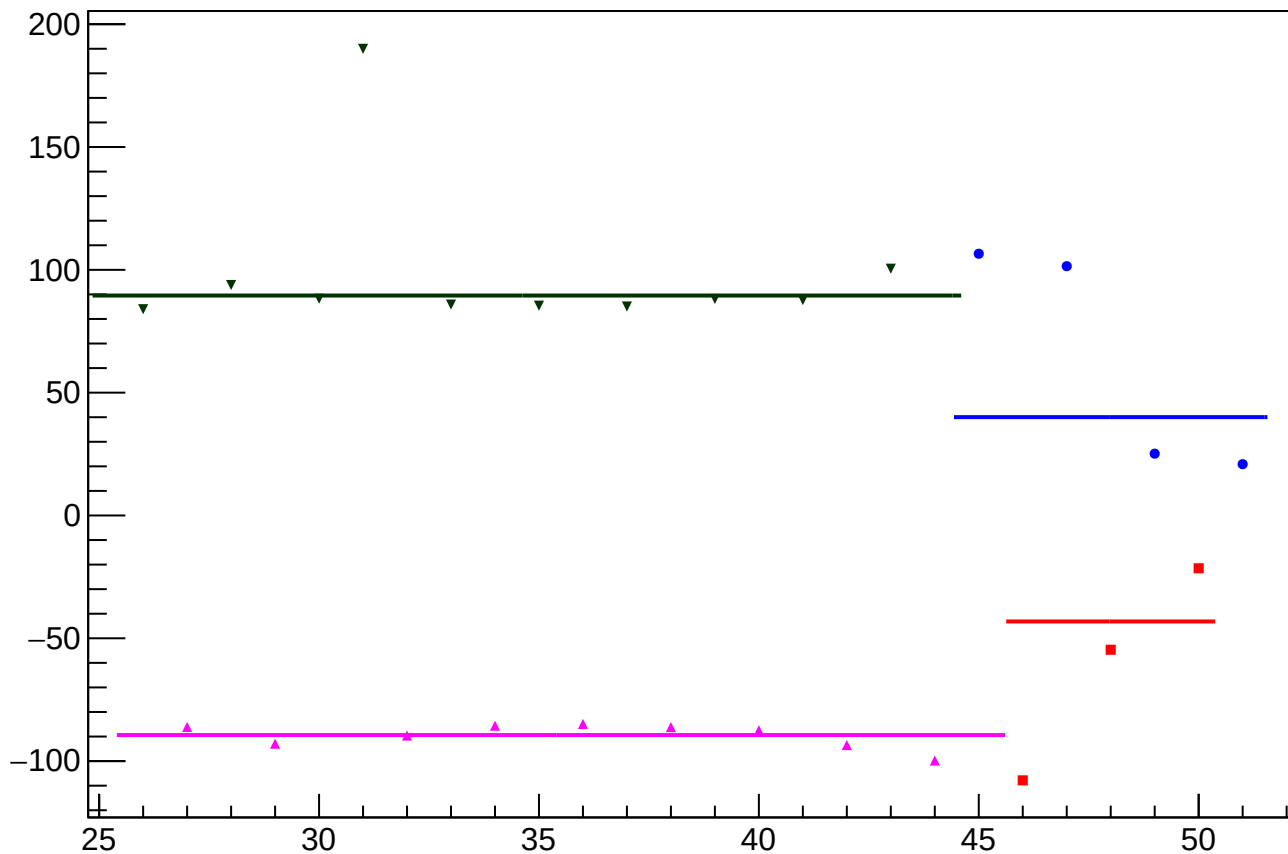
Left Out: -24.666 ± 0.271 $\chi^2/\text{NDF}: 565.7/9$

Right Out: 19.386 ± 0.384 $\chi^2/\text{NDF}: 8.5/2$

Left In: 20.445 ± 0.234 $\chi^2/\text{NDF}: 882.4/8$

-1.370 ± 0.139 $\chi^2/\text{NDF}: 24189.6/25$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 40.030+/-0.053 χ^2/NDF : 377236.0/3

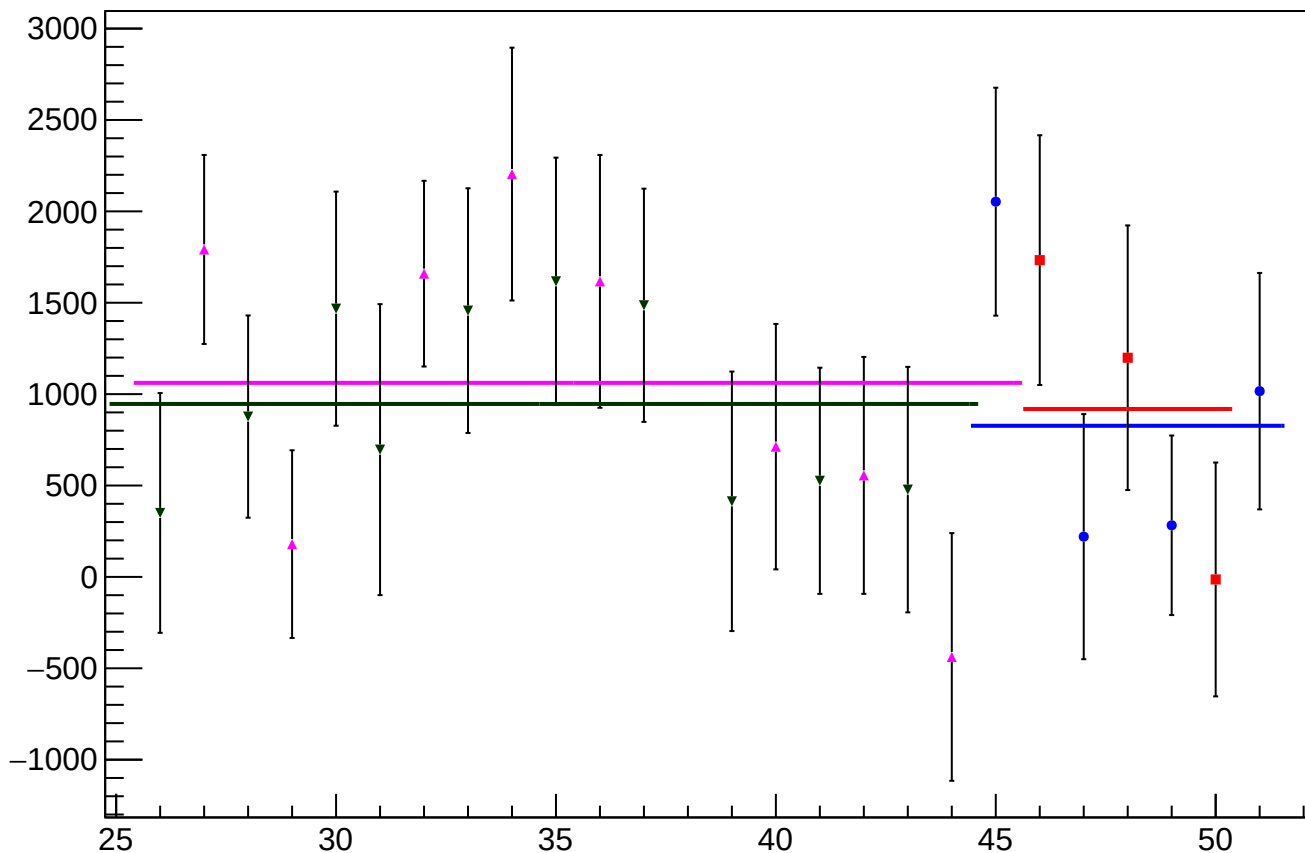
Left Out: 89.539+/-0.050 χ^2/NDF : 54620.6/9

3.241+/-0.027 χ^2/NDF : 8180020.5/25

Right Out: -43.149+/-0.069 χ^2/NDF : 194434.1/2

Left In: -89.397+/-0.049 χ^2/NDF : 7803.1/8

reg_asym_atl1_mean vs slug



Right In: 826.883 ± 297.072 $\chi^2/\text{NDF}: 6.0/3$

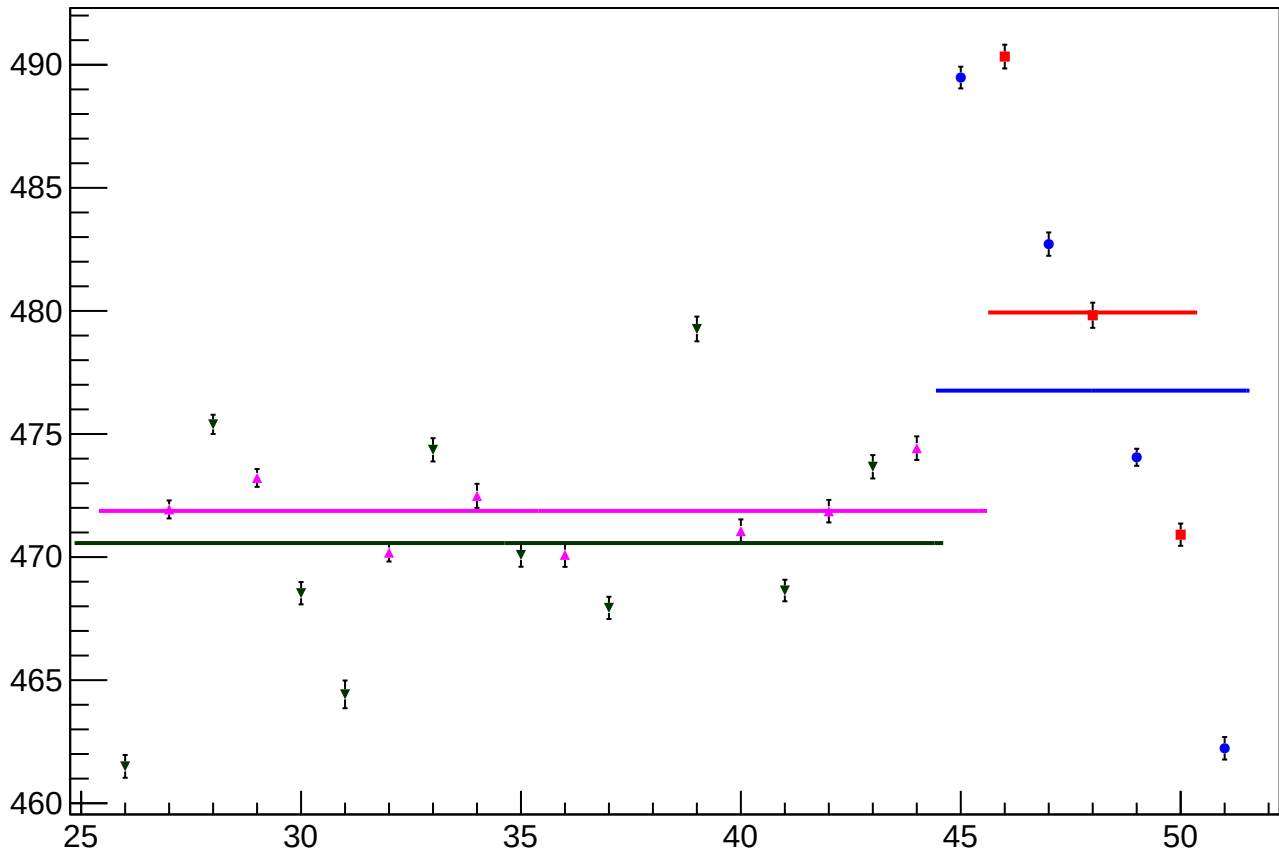
Left Out: 946.340 ± 207.194 $\chi^2/\text{NDF}: 5.4/9$

Right Out: 918.757 ± 392.431 $\chi^2/\text{NDF}: 3.7/2$

Left In: 1061.666 ± 211.442 $\chi^2/\text{NDF}: 15.5/7$

962.829 ± 125.505 $\chi^2/\text{NDF}: 31.0/24$

reg_asym_atl1_rms vs slug



Right In: 476.763 $\pm$ 0.210 χ^2 /NDF: 2059.5/3

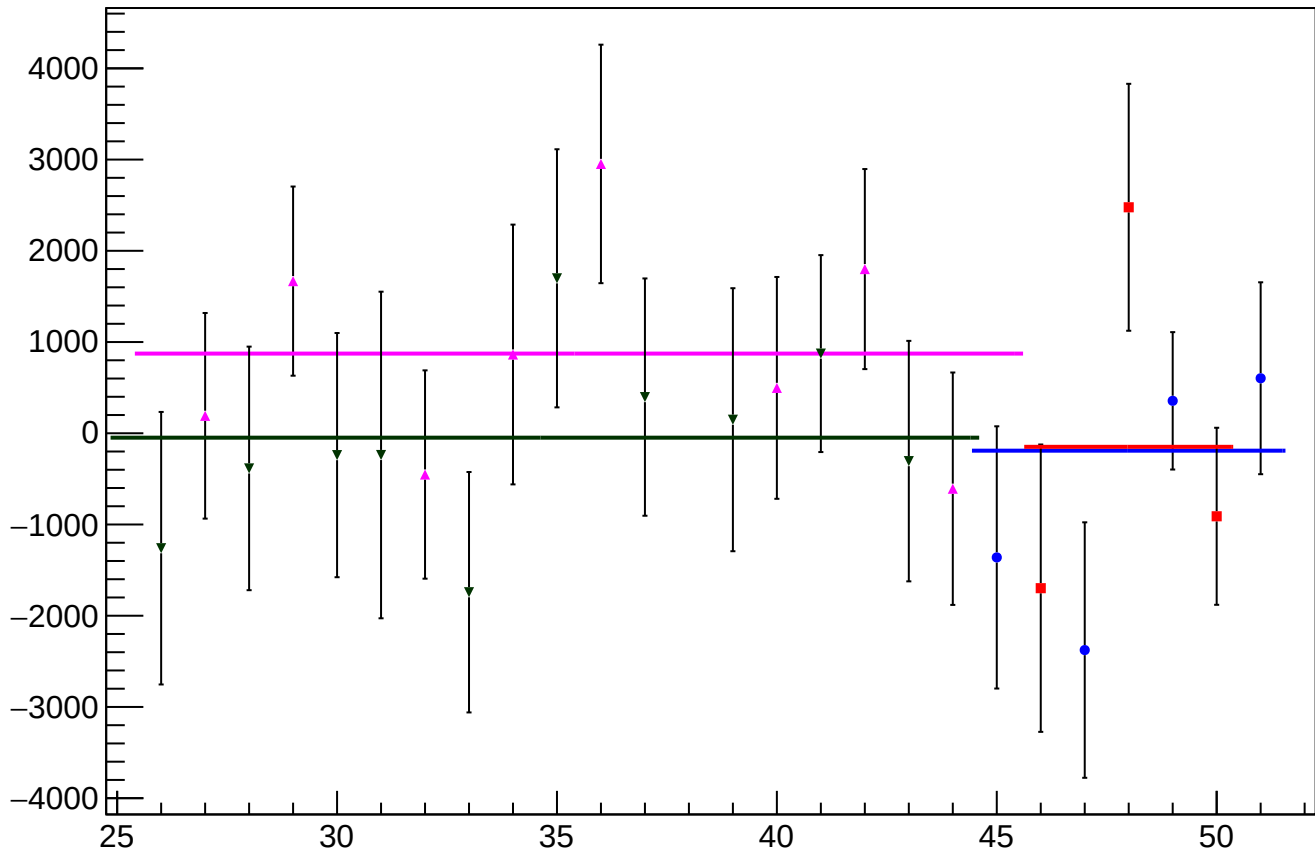
Left Out: 470.570 $\pm$ 0.147 χ^2 /NDF: 1135.4/9

Right Out: 479.937 $\pm$ 0.277 χ^2 /NDF: 861.4/2

Left In: 471.876 $\pm$ 0.150 χ^2 /NDF: 82.1/7

473.094 $\pm$ 0.089 χ^2 /NDF: 5414.6/24

asym_atl1_correction_mean vs slug



Right In: -190.791+/-522.586 χ^2/NDF : 4.2/3

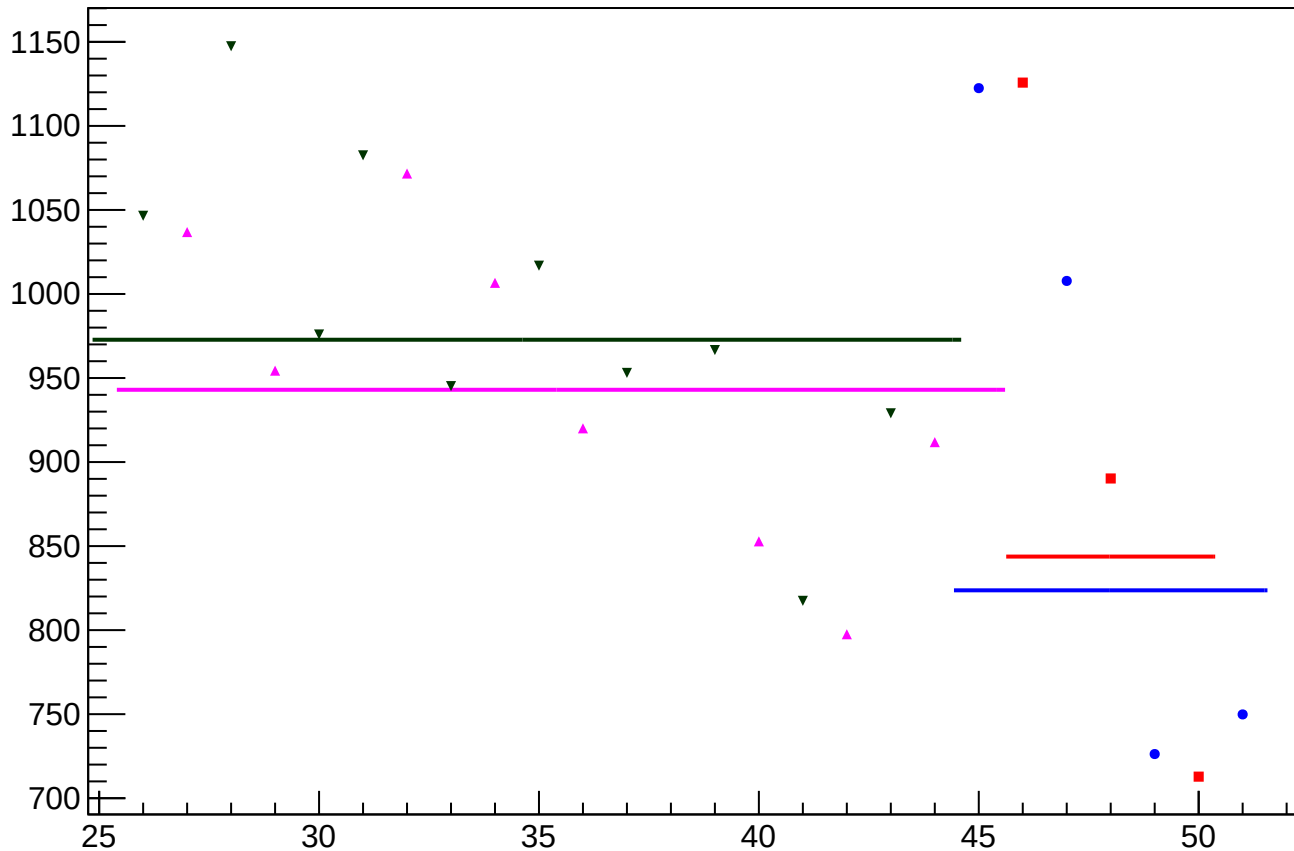
Left Out: -48.293+/-427.890 χ^2/NDF : 4.8/9

220.334+/-243.810 χ^2/NDF : 25.1/24

Right Out: -148.576+/-705.126 χ^2/NDF : 5.3/2

Left In: 873.395+/-419.297 χ^2/NDF : 7.0/7

asym_atl1_correction_rms vs slug



Right In: 823.682 $\pm$ 0.370 χ^2 /NDF: 164328.3/3

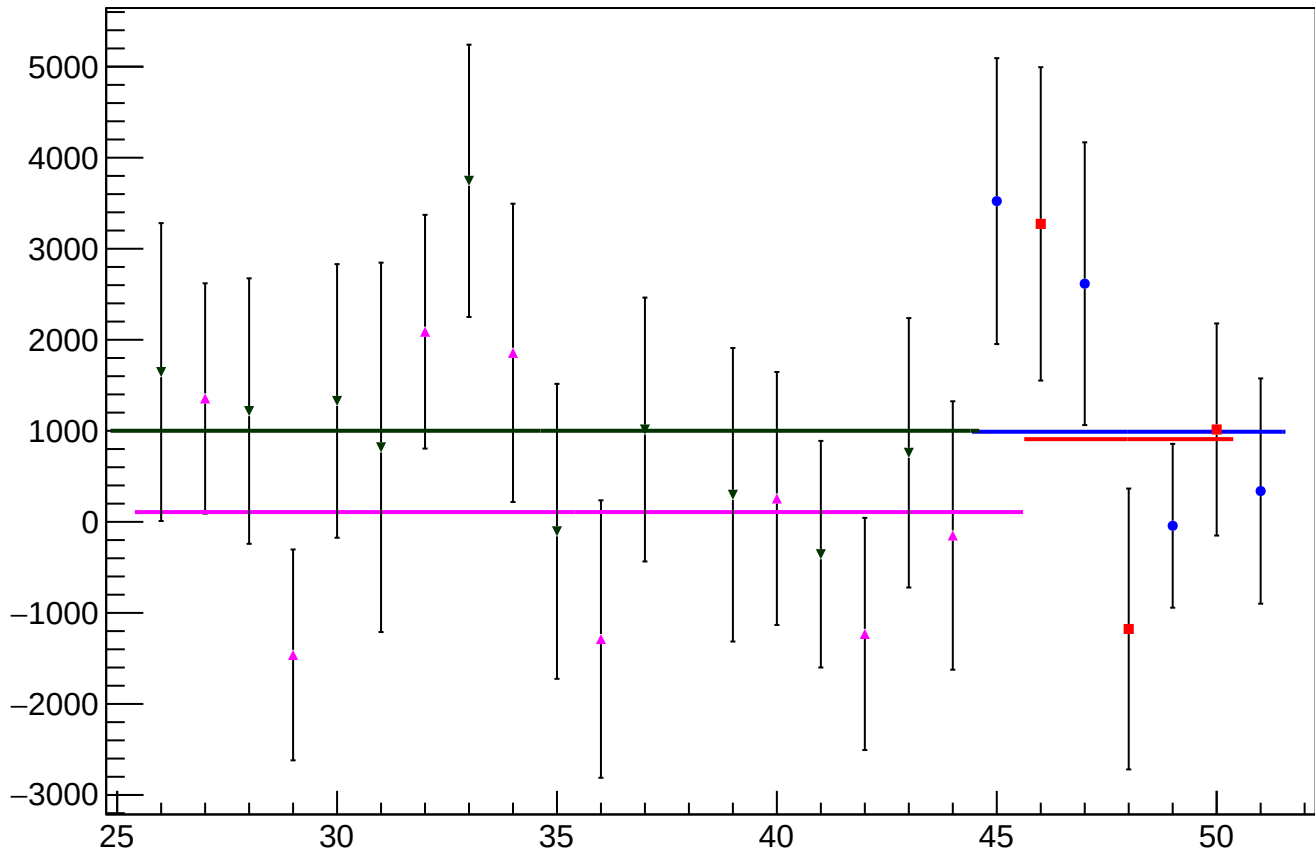
Left Out: 972.778 $\pm$ 0.303 χ^2 /NDF: 93572.5/9

914.834 $\pm$ 0.172 χ^2 /NDF: 579181.5/24

Right Out: 843.764 $\pm$ 0.499 χ^2 /NDF: 102902.9/2

Left In: 943.004 $\pm$ 0.296 χ^2 /NDF: 91510.1/7

asym_atl1_mean vs slug



Right In: 989.929+/-607.607 χ^2/NDF : 5.3/3

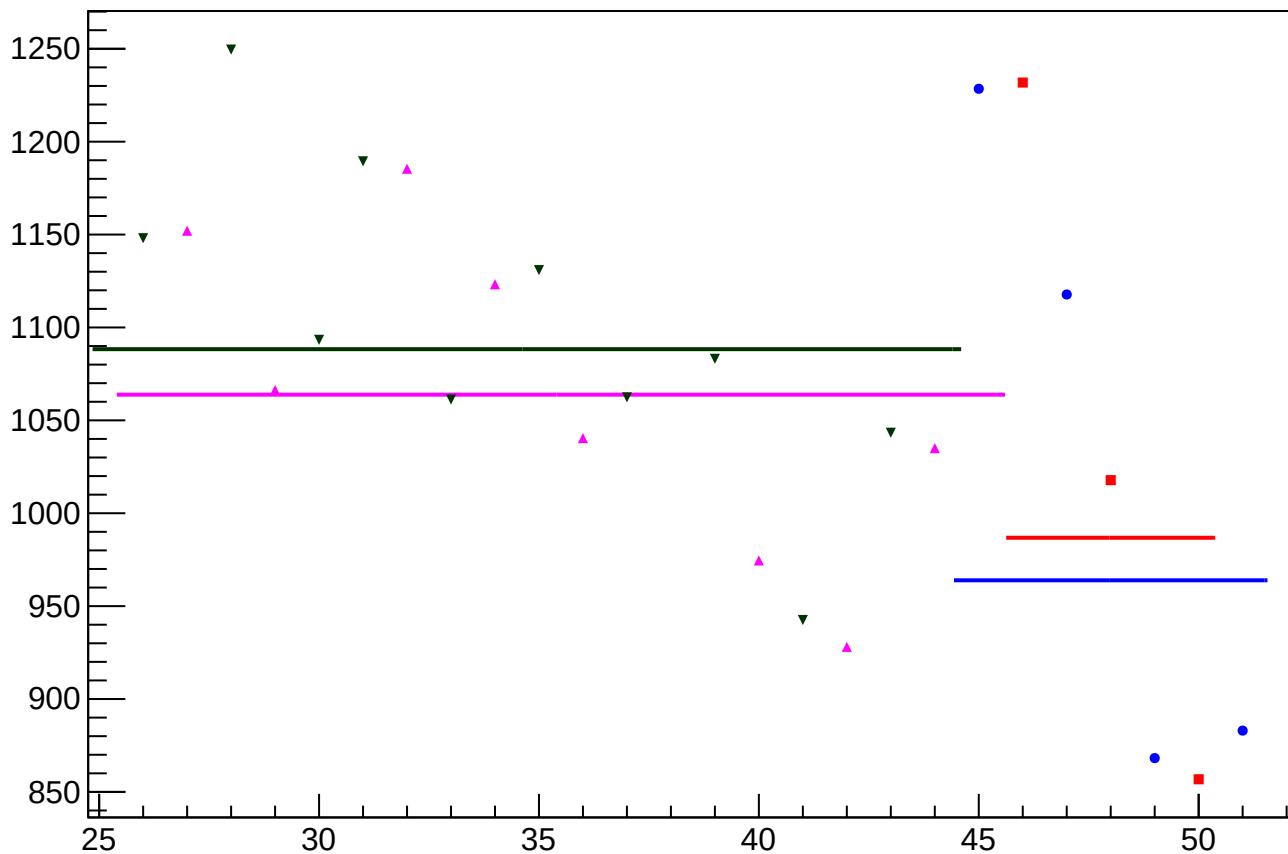
Left Out: 1000.567+/-481.078 χ^2/NDF : 5.5/9

Right Out: 908.687+/-817.898 χ^2/NDF : 3.7/2

Left In: 107.491+/-478.124 χ^2/NDF : 8.3/7

684.813+/-278.436 χ^2/NDF : 25.0/24

asym_atl1_rms vs slug



Right In: 963.899 $\pm$ 0.430 χ^2 /NDF: 107566.7/3

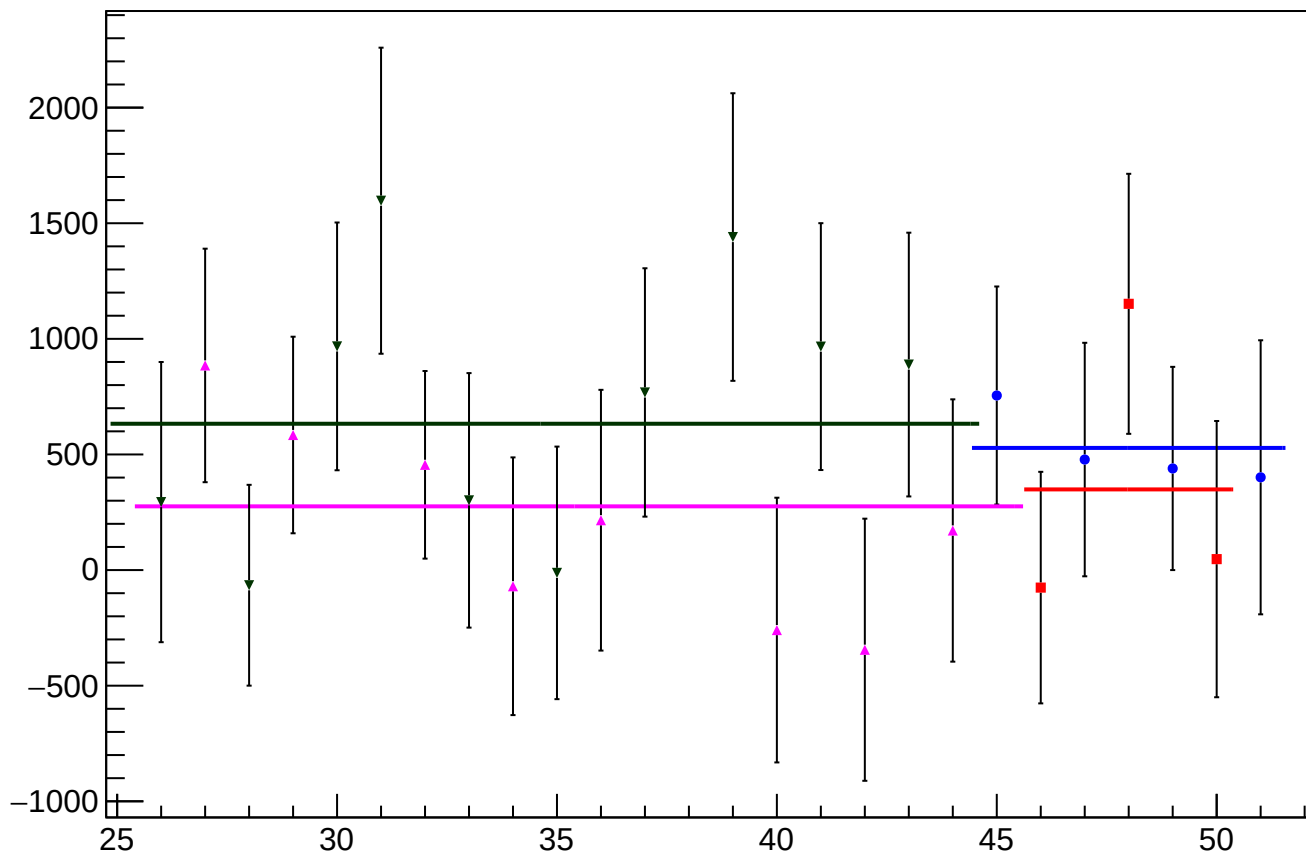
Left Out: 1088.314 $\pm$ 0.340 χ^2 /NDF: 64102.3/9

Right Out: 986.791 $\pm$ 0.578 χ^2 /NDF: 66261.8/2

Left In: 1063.822 $\pm$ 0.338 χ^2 /NDF: 62470.9/7

1042.116 $\pm$ 0.197 χ^2 /NDF: 365261.4/24

reg_asym_atl2_mean vs slug



Right In: 528.303+/-246.582 χ^2/NDF : 0.3/3

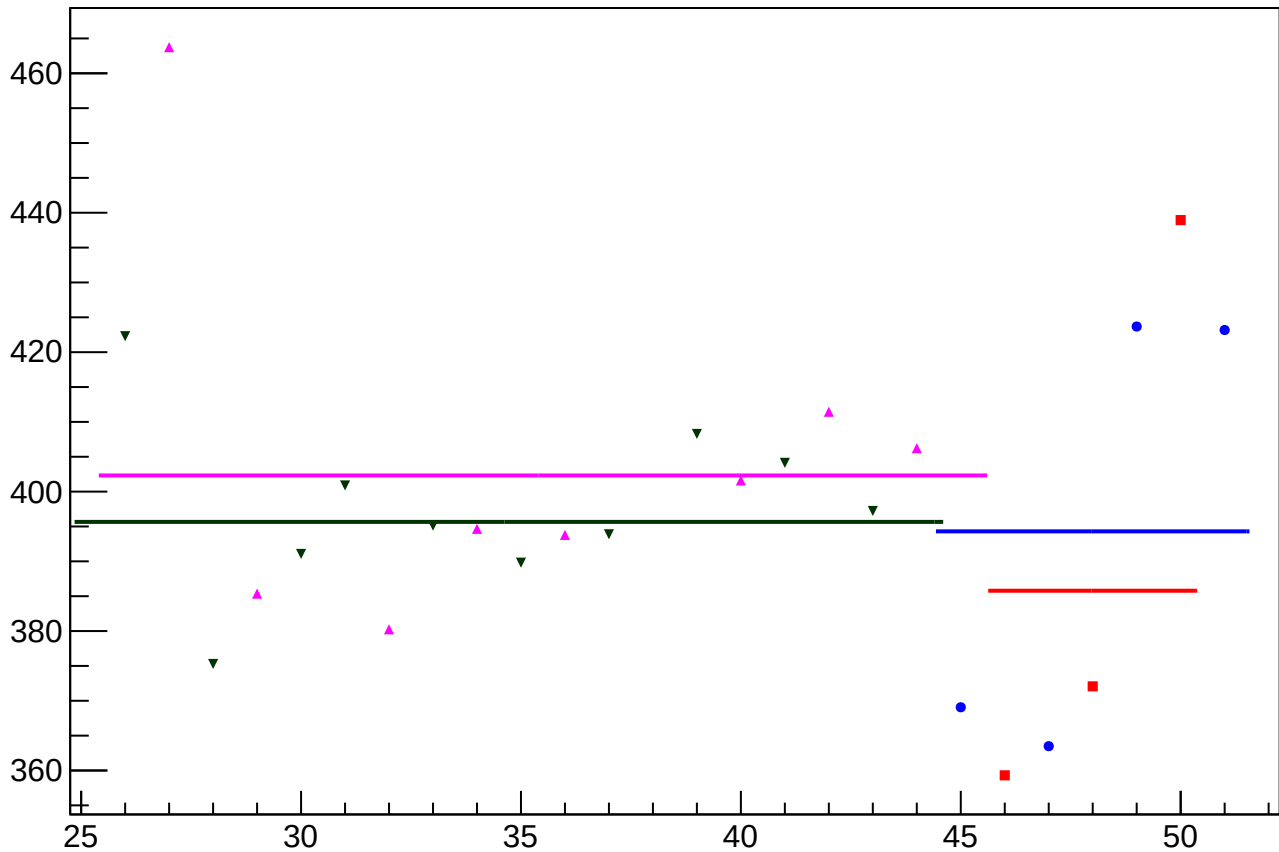
Left Out: 632.818+/-173.856 χ^2/NDF : 9.5/9

Right Out: 348.846+/-316.961 χ^2/NDF : 3.0/2

Left In: 275.571+/-179.114 χ^2/NDF : 4.7/7

459.843+/-105.028 χ^2/NDF : 19.8/24

reg_asym_atl2_rms vs slug



Right In: 394.301+/-0.174 χ^2/NDF : 26863.6/3

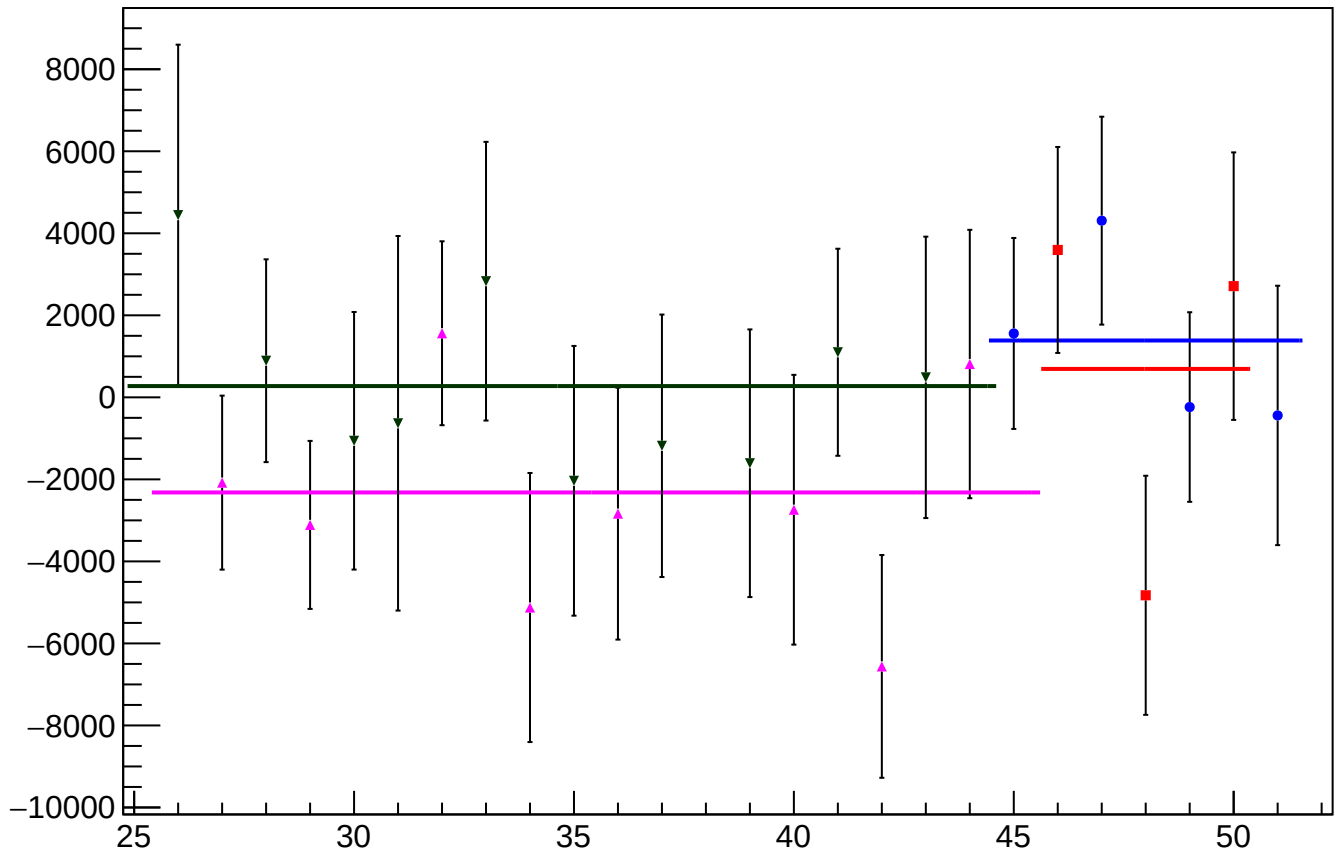
Left Out: 395.658+/-0.123 χ^2/NDF : 10135.9/9

Right Out: 385.785+/-0.224 χ^2/NDF : 22622.6/2

Left In: 402.320+/-0.127 χ^2/NDF : 40146.6/7

396.618+/-0.074 χ^2/NDF : 104369.4/24

asym_atl2_correction_mean vs slug



Right In: 1385.947+/-1262.576 χ^2/NDF : 2.2/3

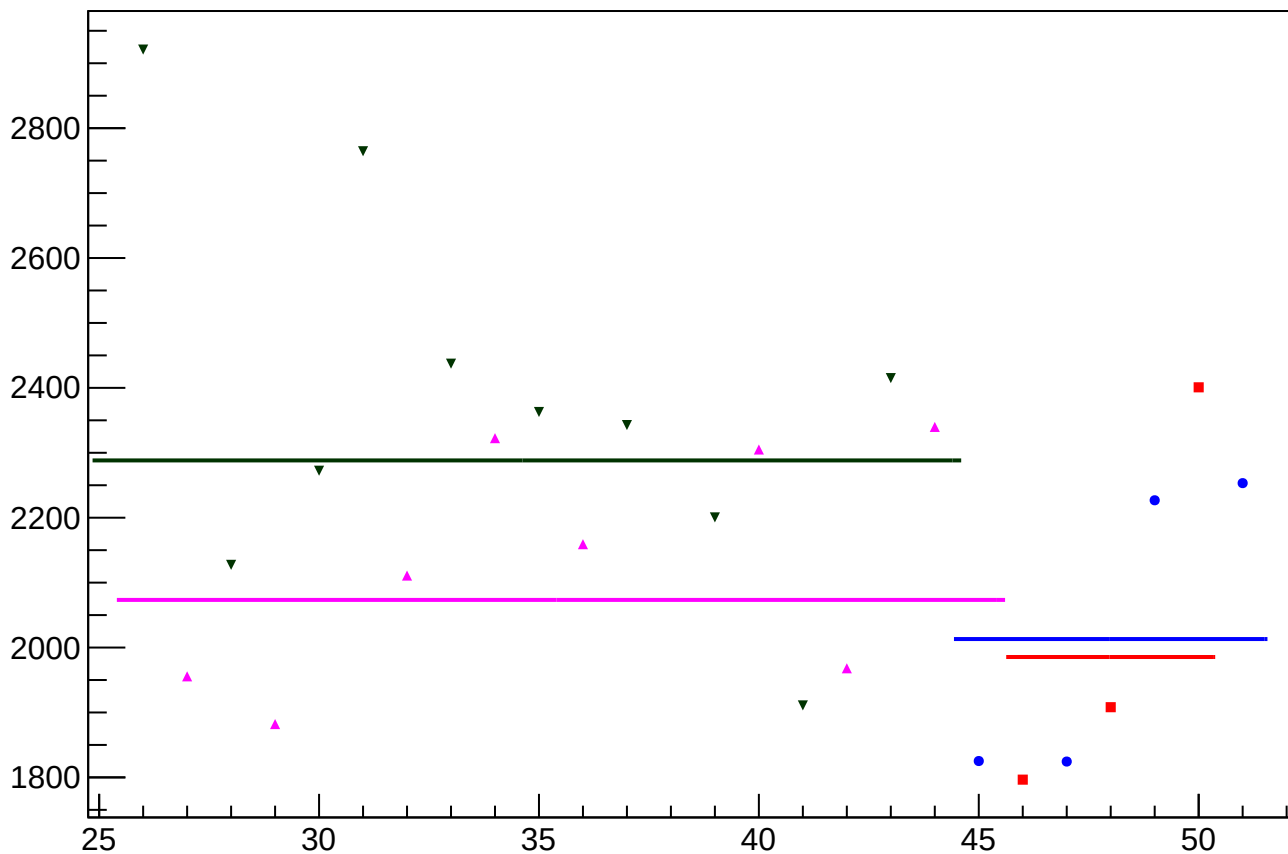
Left Out: 274.802+/-1008.389 χ^2/NDF : 3.0/9

-423.952+/-562.453 χ^2/NDF : 25.0/24

Right Out: 692.995+/-1643.358 χ^2/NDF : 5.3/2

Left In: -2318.997+/-920.578 χ^2/NDF : 7.3/7

asym_atl2_correction_rms vs slug



Right In: 2013.100+/-0.893 χ^2/NDF : 52748.3/3

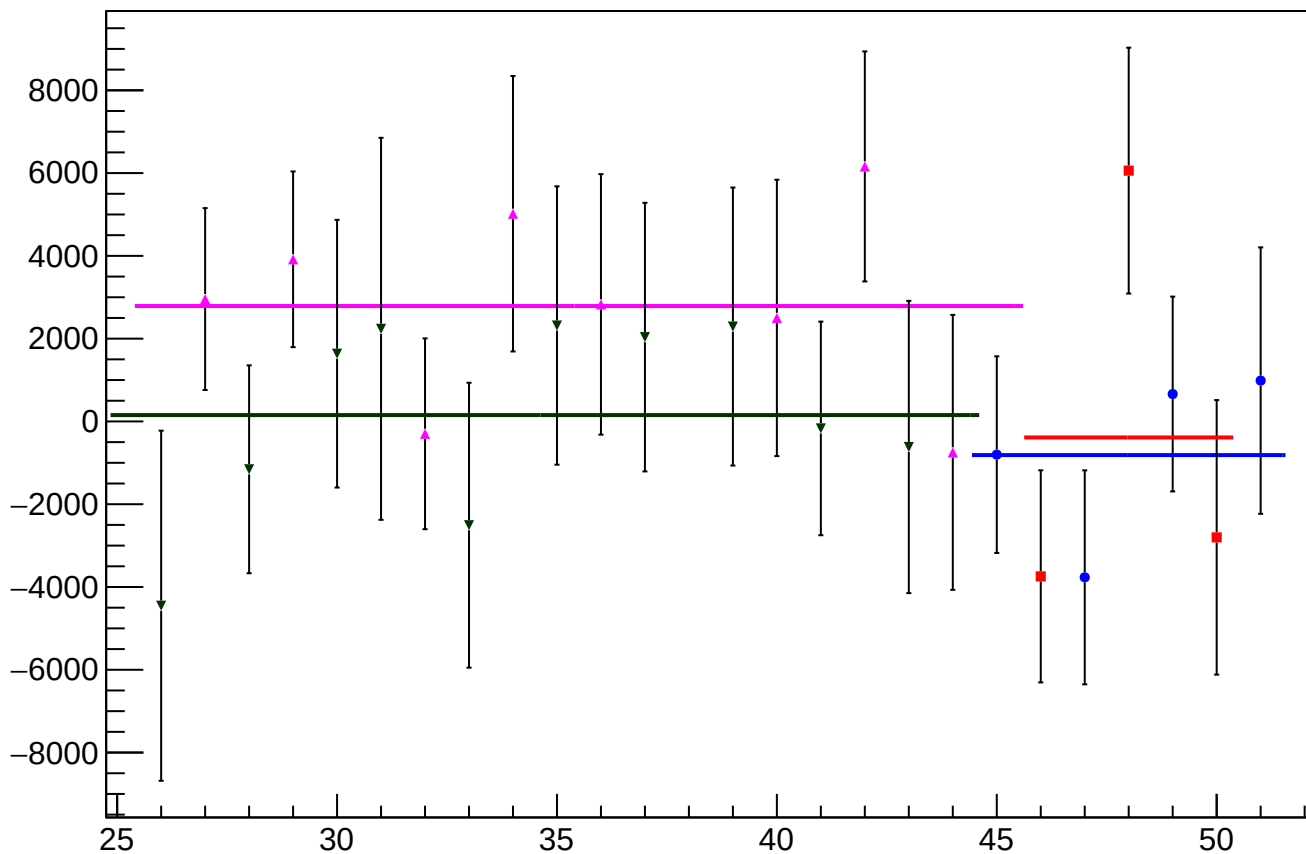
Left Out: 2288.236+/-0.713 χ^2/NDF : 130972.3/9

Right Out: 1985.434+/-1.162 χ^2/NDF : 45168.2/2

Left In: 2073.380+/-0.651 χ^2/NDF : 63452.8/7

2117.960+/-0.398 χ^2/NDF : 380861.1/24

asym_atl2_mean vs slug



Right In: -813.140 ± 1286.837 $\chi^2/\text{NDF}: 2.0/3$

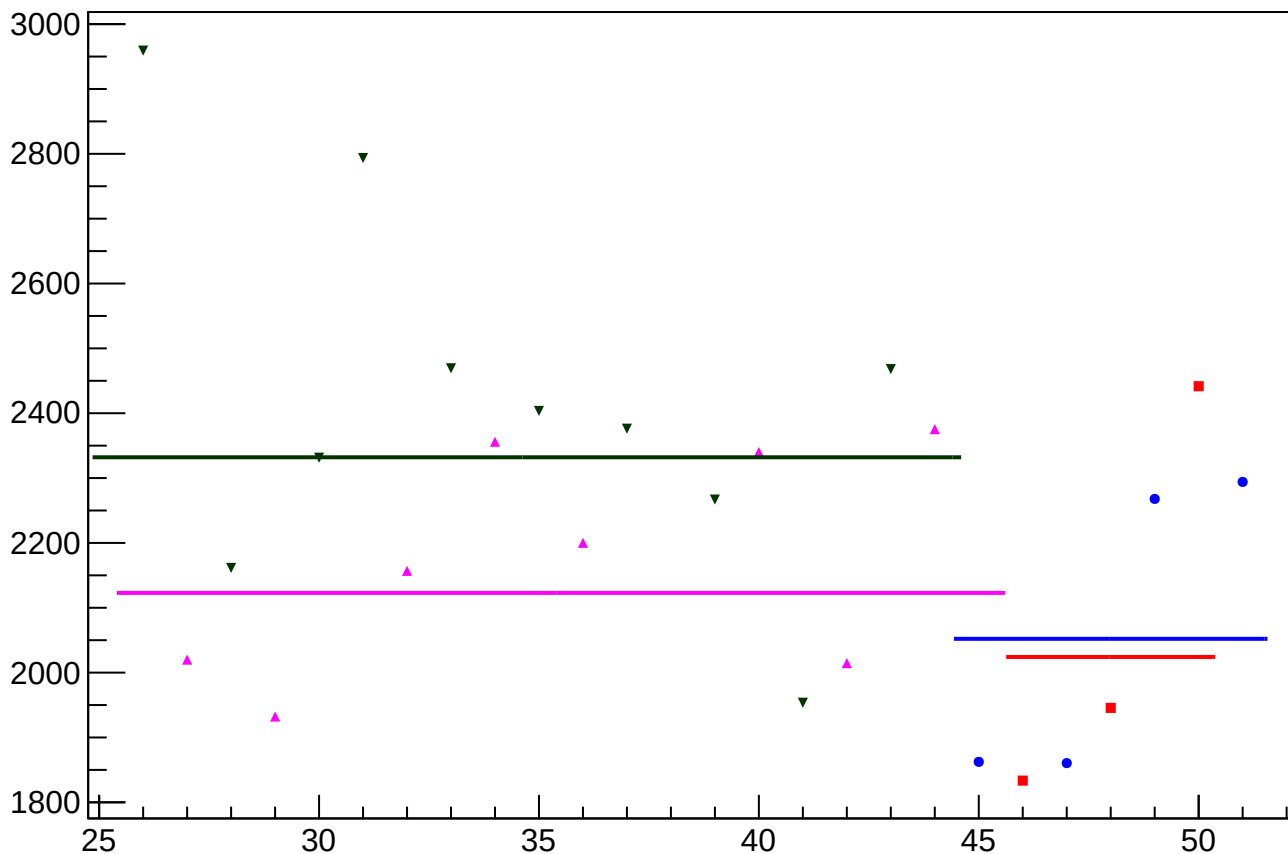
Left Out: 153.091 ± 1029.303 $\chi^2/\text{NDF}: 3.7/9$

Right Out: -387.413 ± 1674.697 $\chi^2/\text{NDF}: 7.0/2$

Left In: 2788.434 ± 945.564 $\chi^2/\text{NDF}: 5.1/7$

871.406 ± 575.172 $\chi^2/\text{NDF}: 24.7/24$

asym_atl2_rms vs slug



Right In: 2052.130+/-0.910 χ^2/NDF : 51856.8/3

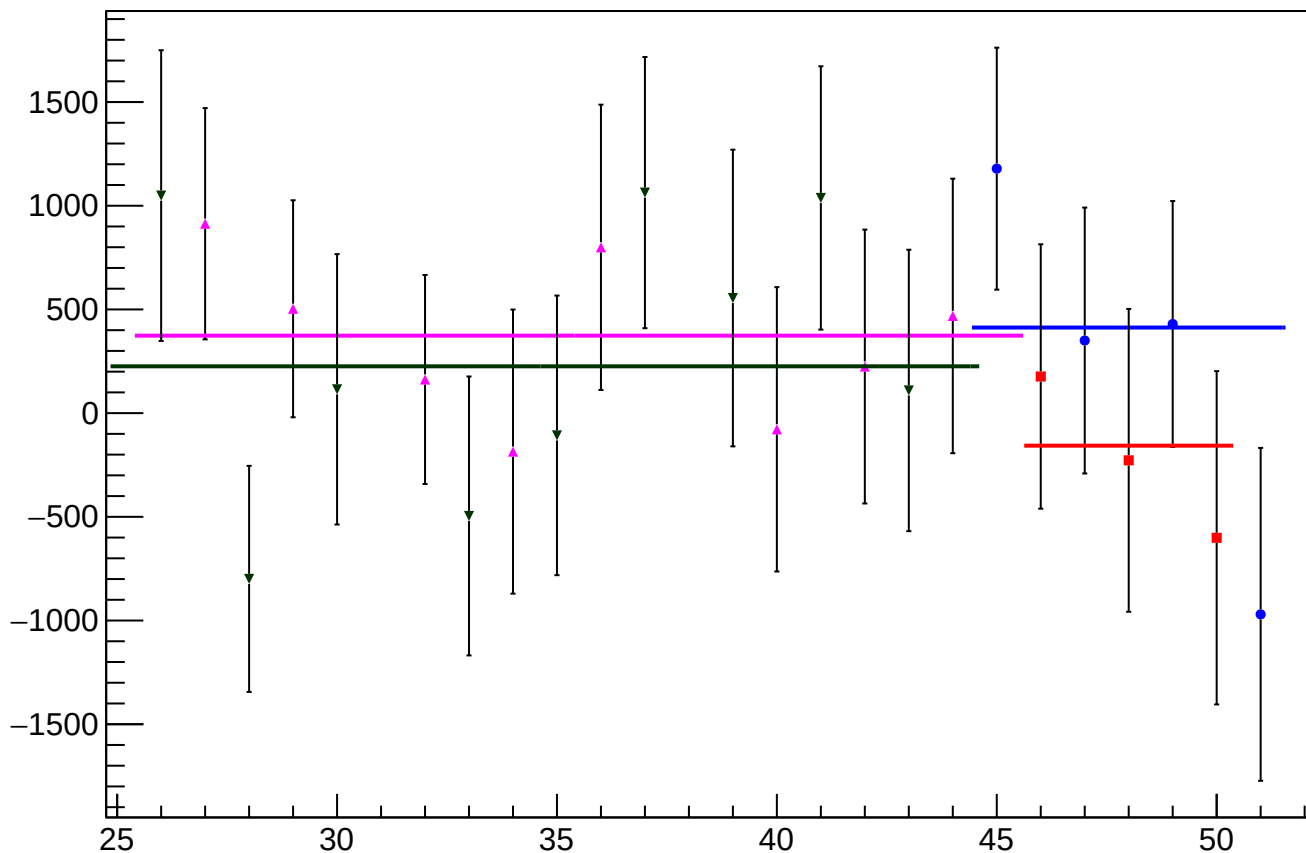
Left Out: 2332.054+/-0.728 χ^2/NDF : 124387.7/9

Right Out: 2024.154+/-1.184 χ^2/NDF : 44163.1/2

Left In: 2122.937+/-0.669 χ^2/NDF : 55033.1/7

2162.437+/-0.407 χ^2/NDF : 361573.3/24

reg_asym_atr1_mean vs slug



Right In: 412.698 ± 319.930 $\chi^2/\text{NDF}: 4.7/3$

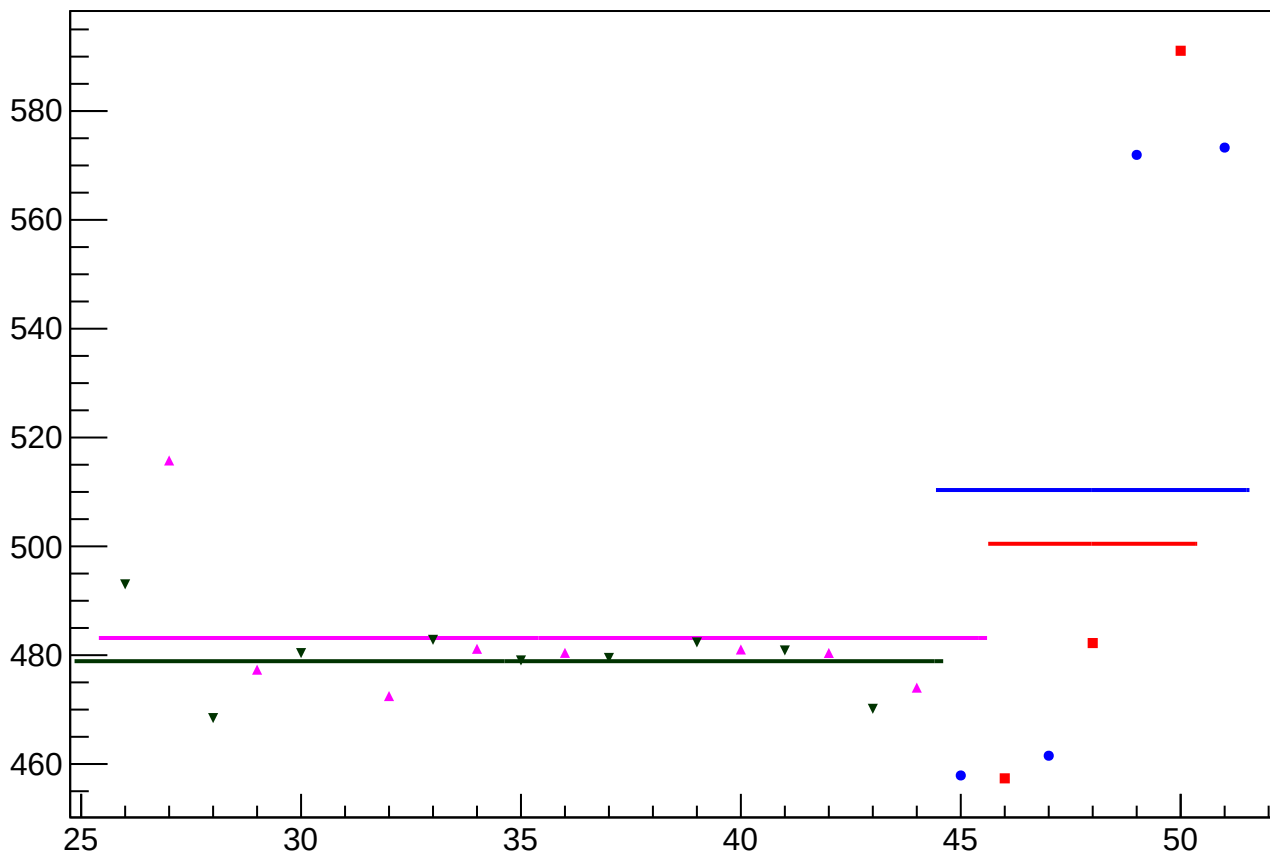
Left Out: 225.737 ± 217.621 $\chi^2/\text{NDF}: 9.9/8$

Right Out: -156.884 ± 412.196 $\chi^2/\text{NDF}: 0.6/2$

Left In: 373.555 ± 214.394 $\chi^2/\text{NDF}: 2.7/7$

273.417 ± 130.714 $\chi^2/\text{NDF}: 19.4/23$

reg_asym_atr1_rms vs slug



Right In: 510.352+/-0.226 χ^2/NDF : 61663.9/3

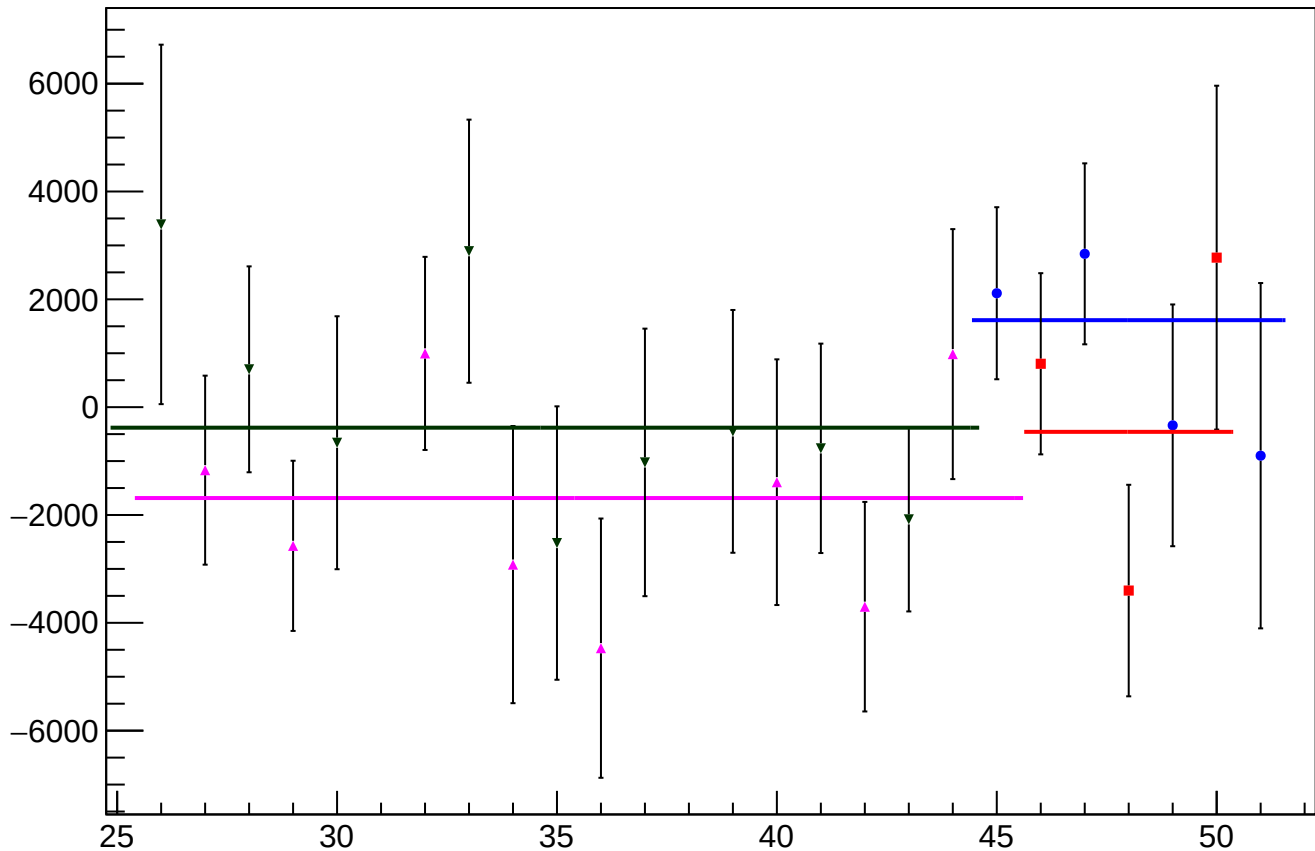
Left Out: 478.896+/-0.154 χ^2/NDF : 2027.3/8

Right Out: 500.473+/-0.291 χ^2/NDF : 35821.8/2

Left In: 483.160+/-0.152 χ^2/NDF : 8470.4/7

487.902+/-0.092 χ^2/NDF : 124095.6/23

asym_atr1_correction_mean vs slug



Right In: 1613.402 $\pm$ 978.583 χ^2 /NDF: 2.0/3

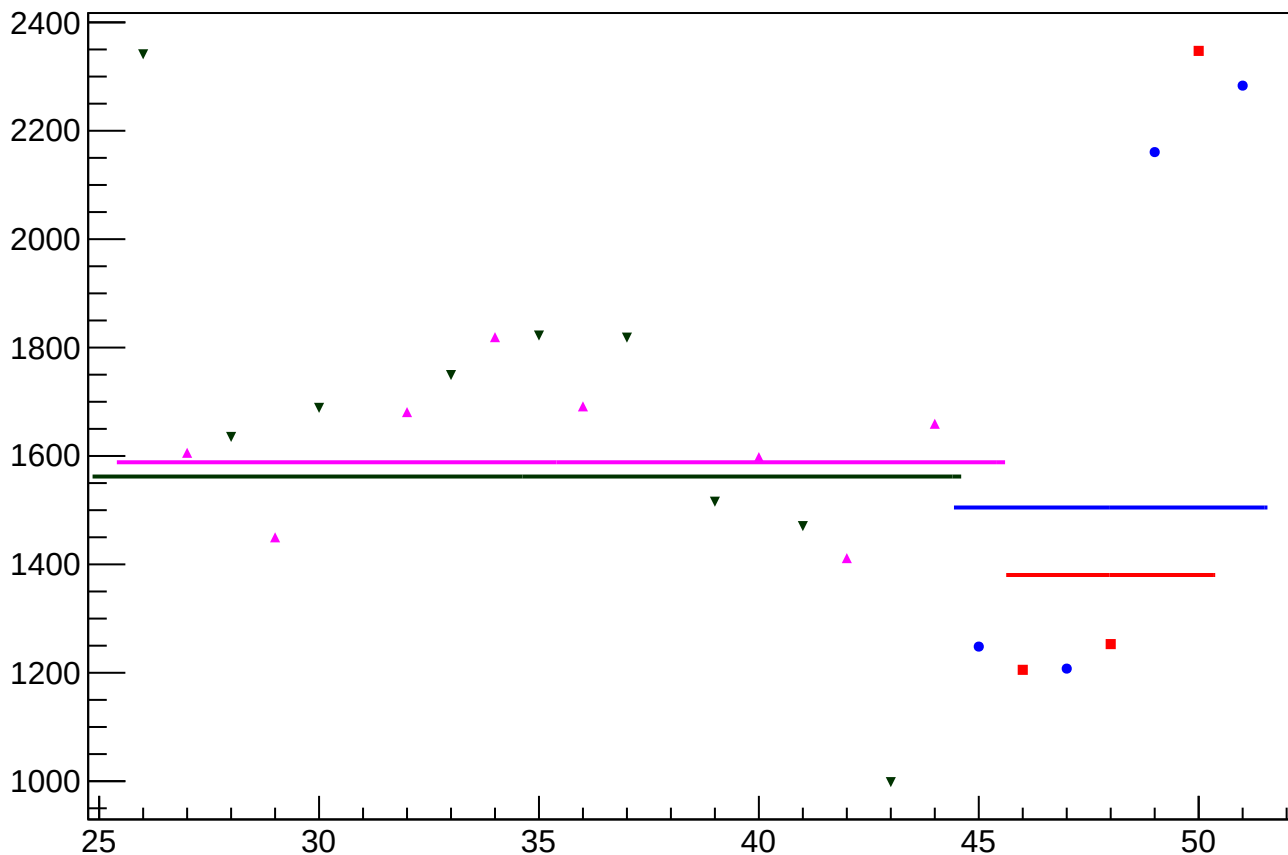
Left Out: -380.627 $\pm$ 737.802 χ^2 /NDF:5.2/8

-486.211 $\pm$ 422.567 χ^2 /NDF: 25.2/23

Right Out: -457.832 $\pm$ 1184.792 χ^2 /NDF: 3.8/2

Left In: -1685.614 $\pm$ 705.946 χ^2 /NDF:6.6/7

asym_atr1_correction_rms vs slug



Right In: 1504.937+/-0.692 χ^2/NDF : 403664.5/3

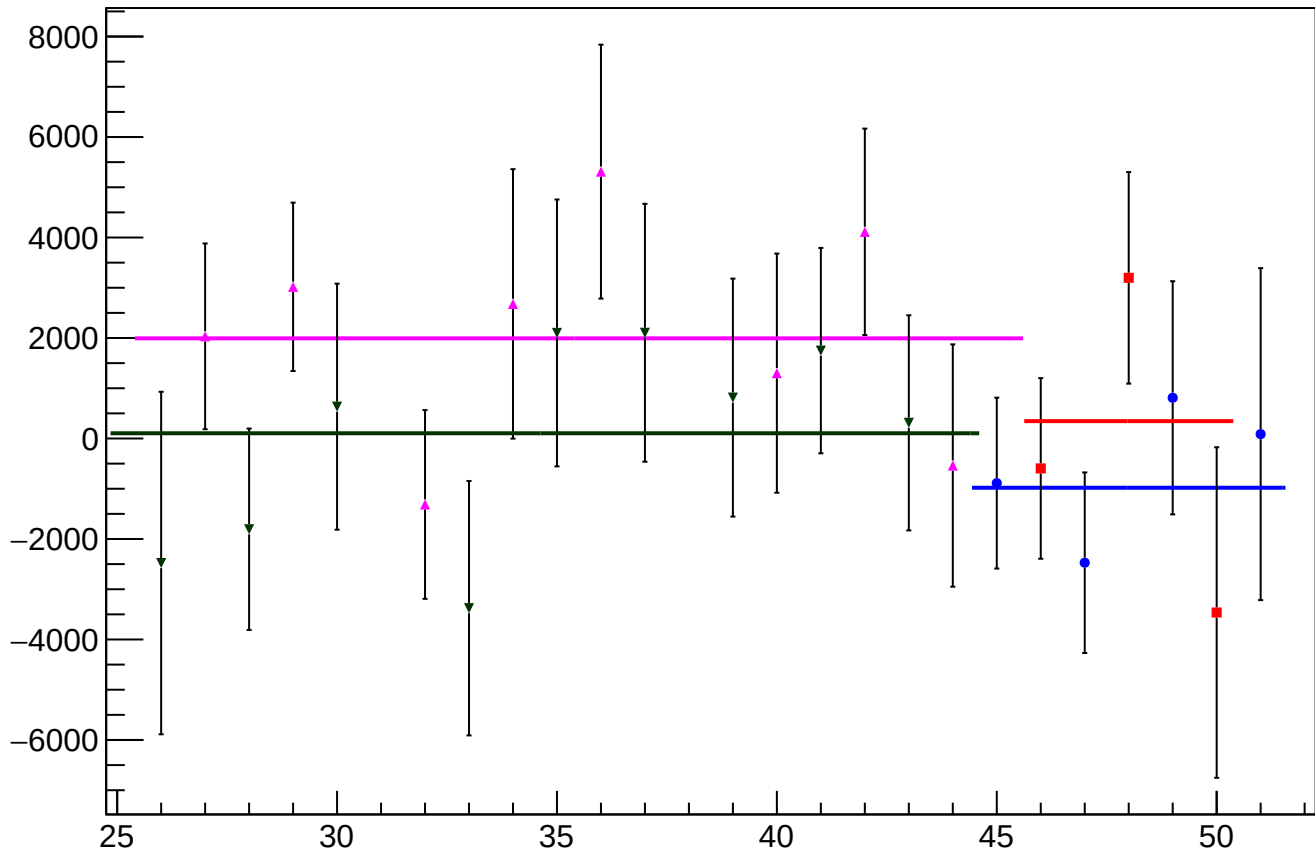
Left Out: 1562.083+/-0.522 χ^2/NDF :395343.8/8

Right Out: 1380.413+/-0.838 χ^2/NDF : 214042.9/2

Left In: 1588.387+/-0.499 χ^2/NDF :59225.5/7

1537.742+/-0.299 χ^2/NDF : 1122260.9/23

asym_atr1_mean vs slug



Right In: -979.960+/-1035.311 χ^2/NDF : 1.4/3

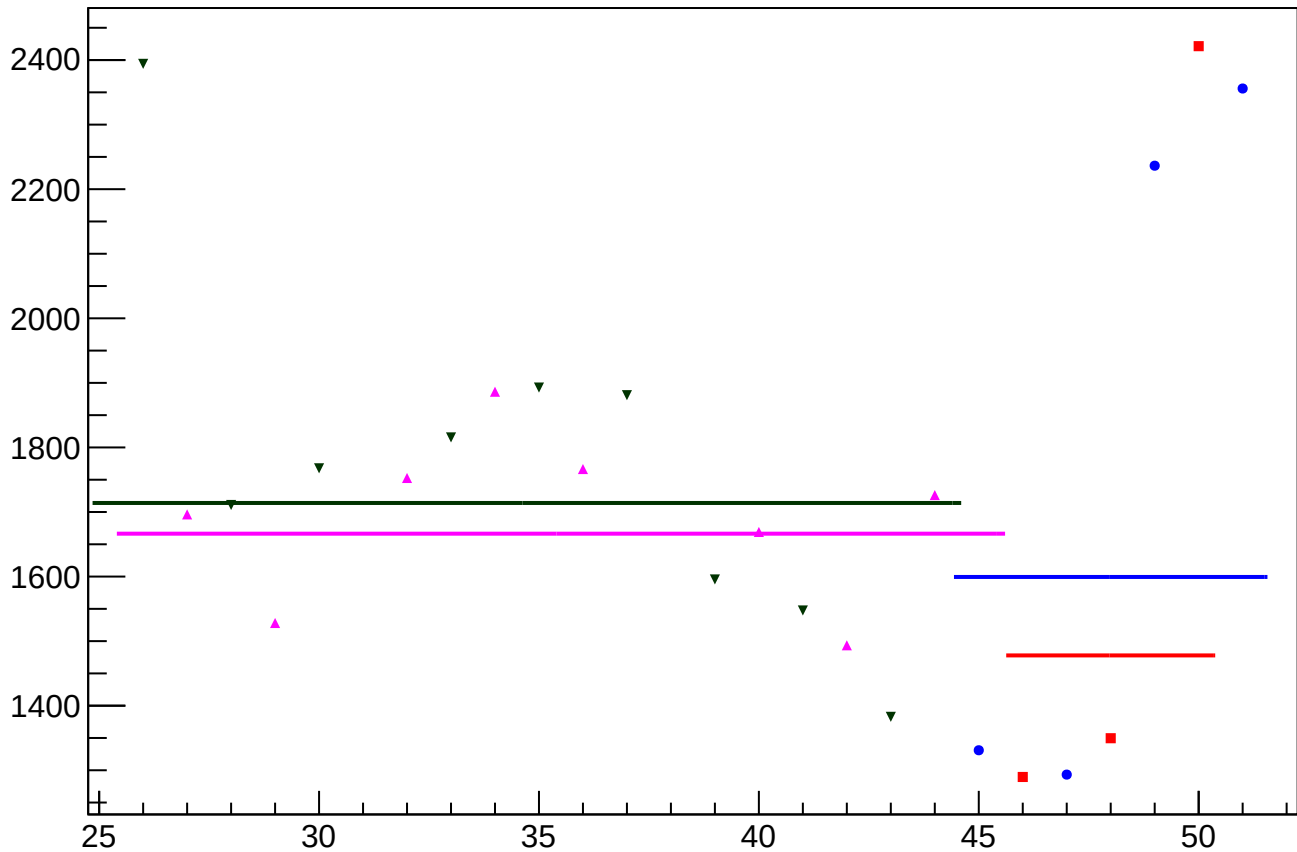
Left Out: 103.969+/-793.692 χ^2/NDF : 5.3/8

621.228+/-448.947 χ^2/NDF : 24.0/23

Right Out: 345.656+/-1262.347 χ^2/NDF : 3.5/2

Left In: 1993.066+/-742.569 χ^2/NDF : 7.5/7

asym_atr1_rms vs slug



Right In: 1599.398+/-0.732 χ^2/NDF : 363508.6/3

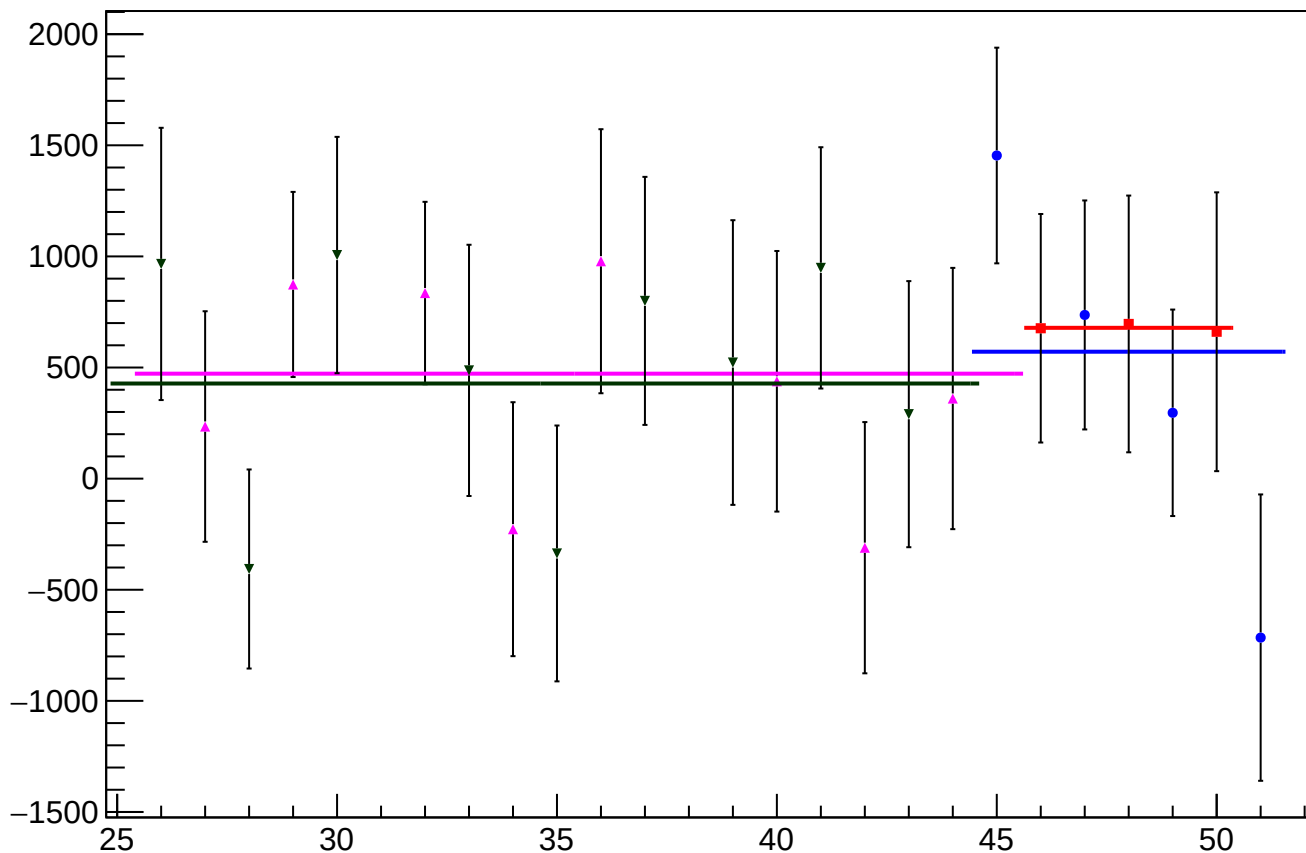
Left Out: 1713.999+/-0.561 χ^2/NDF : 167493.6/8

1645.197+/-0.317 χ^2/NDF : 831036.9/23

Right Out: 1477.875+/-0.893 χ^2/NDF : 193961.8/2

Left In: 1666.432+/-0.525 χ^2/NDF : 50356.8/7

reg_asym_atr2_mean vs slug



Right In: 571.153+/-257.712 χ^2/NDF : 7.8/3

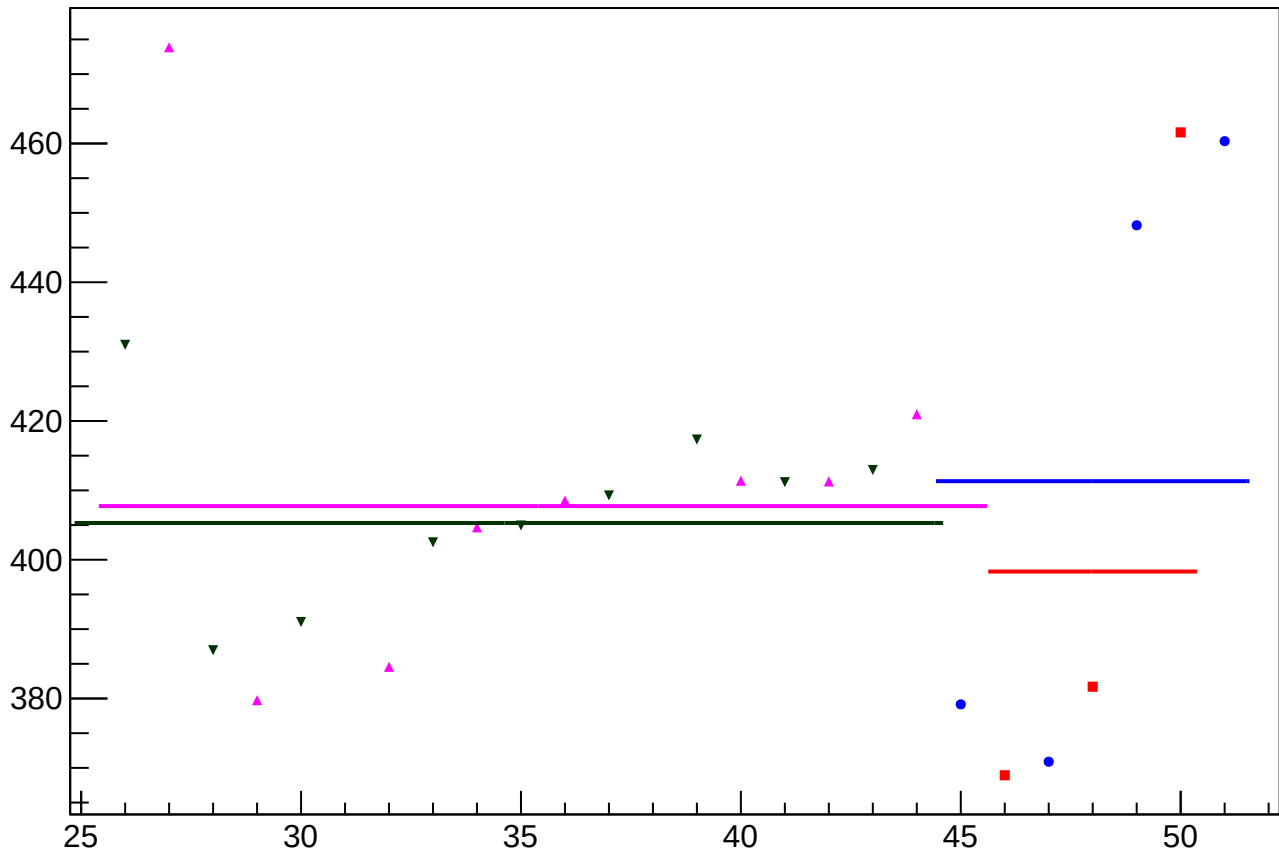
Left Out: 428.042+/-185.168 χ^2/NDF : 8.6/8

Right Out: 678.669+/-327.554 χ^2/NDF : 0.0/2

Left In: 472.346+/-181.832 χ^2/NDF : 6.1/7

497.631+/-109.247 χ^2/NDF : 23.0/23

reg_asym_atr2_rms vs slug



Right In: 411.326+/-0.182 χ^2/NDF : 45286.0/3

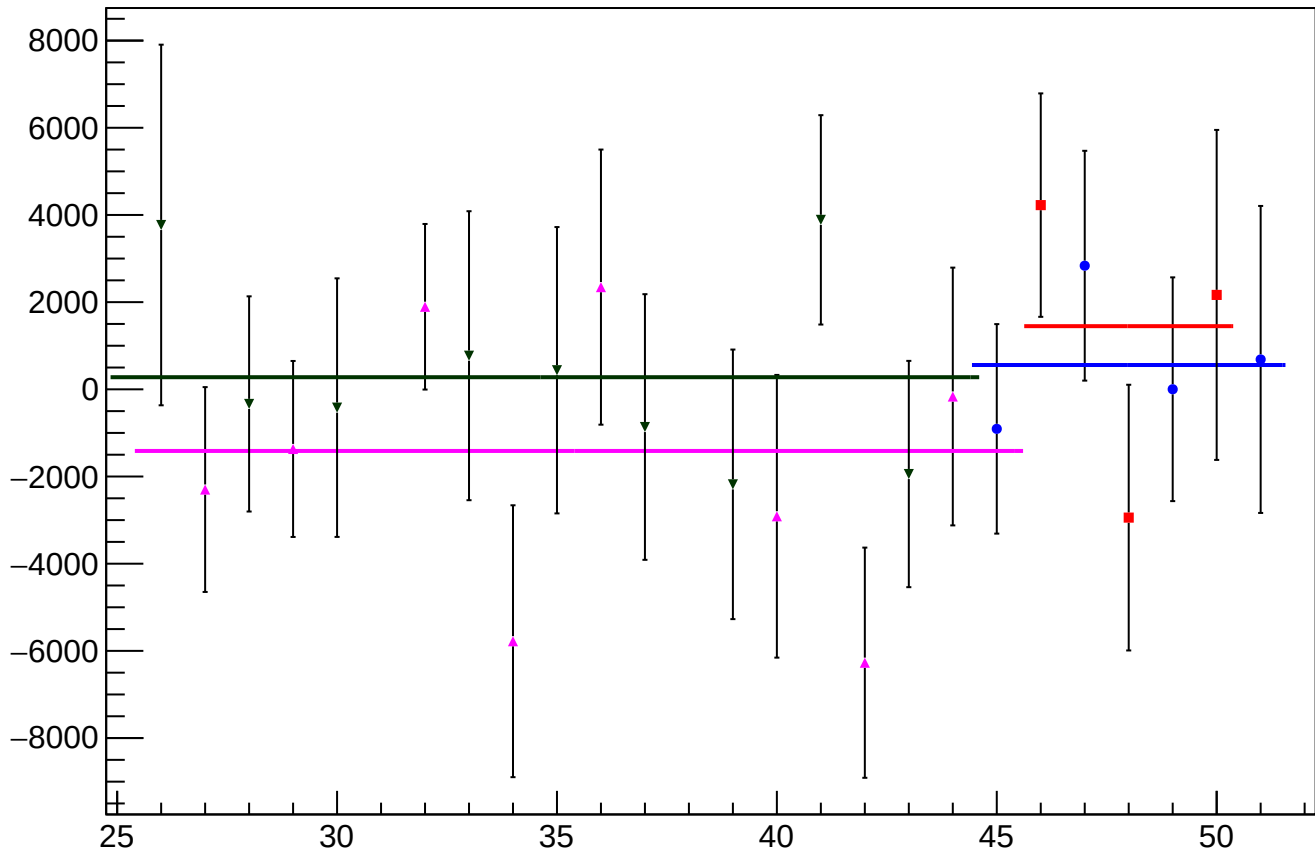
Left Out: 405.300+/-0.131 χ^2/NDF : 9727.9/8

Right Out: 398.301+/-0.232 χ^2/NDF : 28539.4/2

Left In: 407.737+/-0.129 χ^2/NDF : 49136.9/7

406.484+/-0.077 χ^2/NDF : 134821.1/23

asym_atr2_correction_mean vs slug



Right In: 557.953 ± 1348.937 $\chi^2/\text{NDF}: 1.2/3$

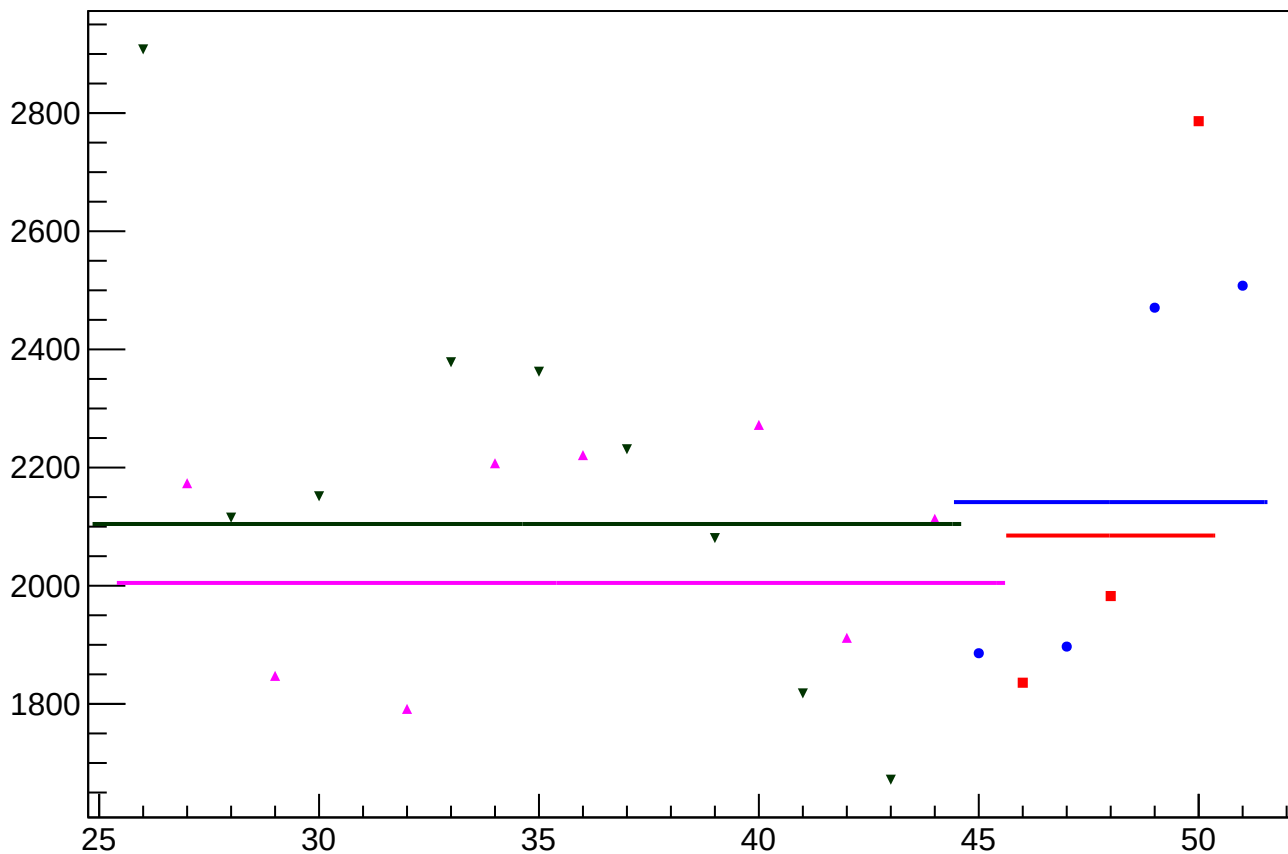
Left Out: 278.027 ± 973.990 $\chi^2/\text{NDF}: 4.6/8$

-220.385 ± 559.600 $\chi^2/\text{NDF}: 22.7/23$

Right Out: 1448.919 ± 1741.530 $\chi^2/\text{NDF}: 3.3/2$

Left In: -1413.717 ± 890.892 $\chi^2/\text{NDF}: 10.3/7$

asym_atr2_correction_rms vs slug



Right In: 2141.555 ± 0.954 χ^2/NDF : 94388.0/3

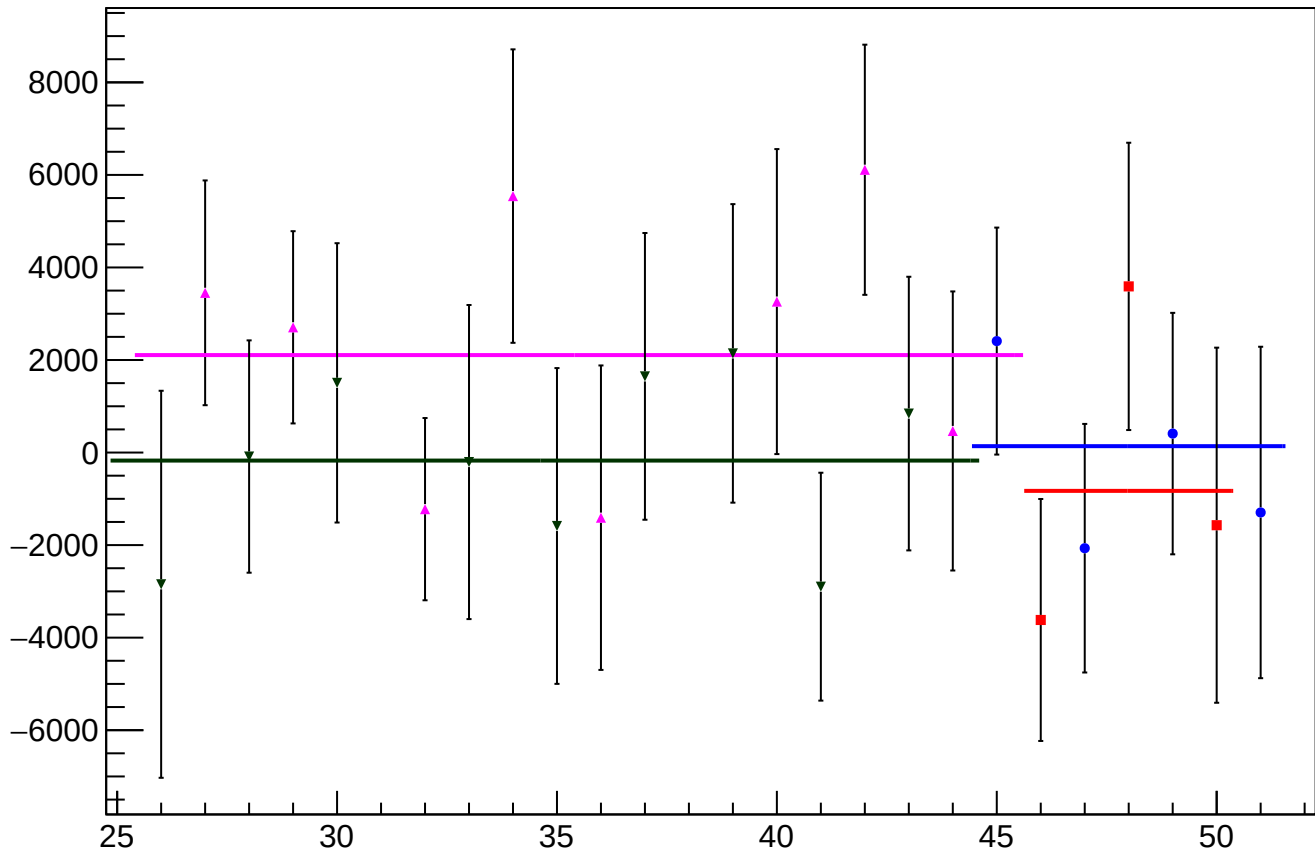
Left Out: 2104.508 ± 0.689 χ^2/NDF : 189603.1/8

Right Out: 2084.968 ± 1.231 χ^2/NDF : 89817.5/2

Left In: 2004.754 ± 0.630 χ^2/NDF : 84279.2/7

2069.508 ± 0.396 χ^2/NDF : 477099.3/23

asym_atr2_mean vs slug



Right In: 137.928+/-1374.031 χ^2/NDF : 1.7/3

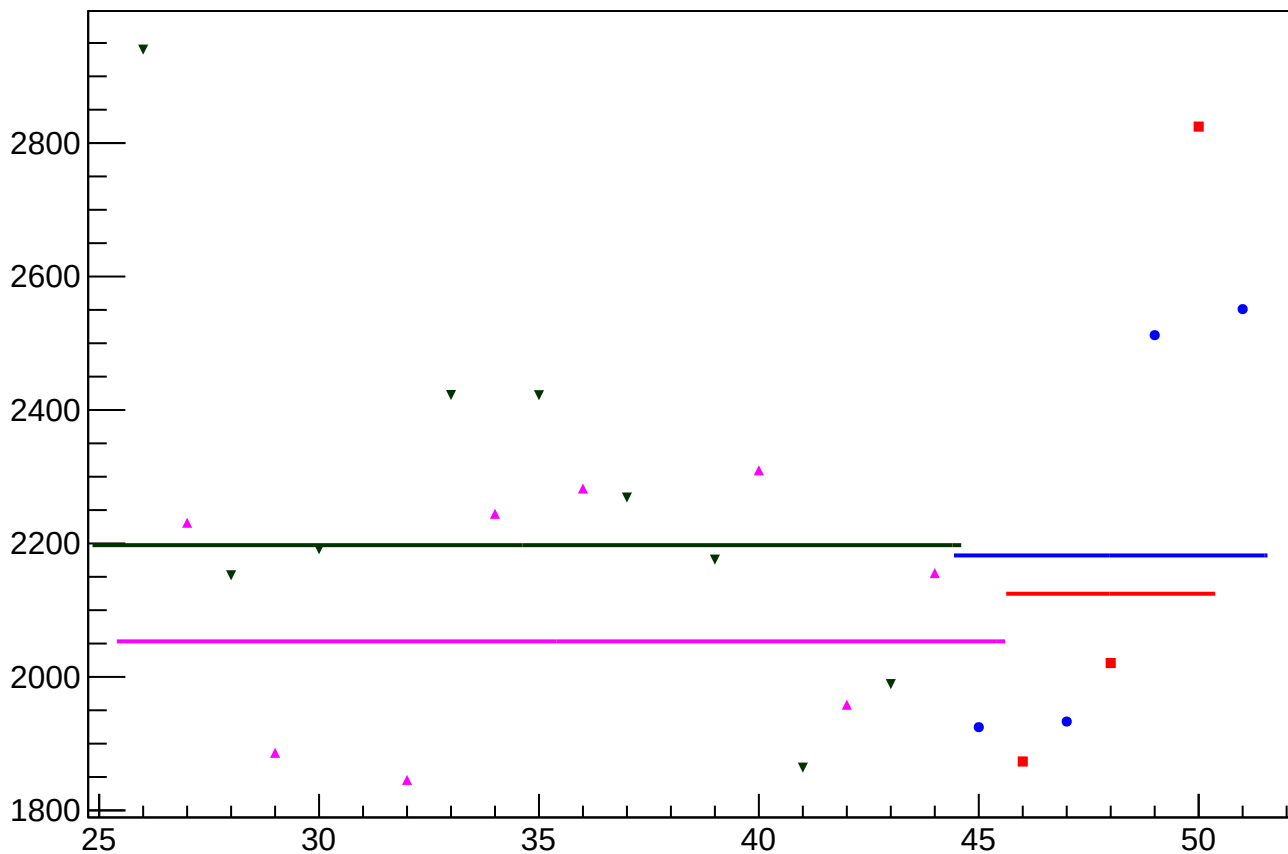
Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

711.841+/-575.882 χ^2/NDF : 20.2/23

Right Out: -828.272+/-1773.463 χ^2/NDF : 3.2/2

Left In: 2106.390+/-916.762 χ^2/NDF : 8.2/7

asym_atr2_rms vs slug



Right In: 2182.024+/-0.972 χ^2/NDF : 92444.9/3

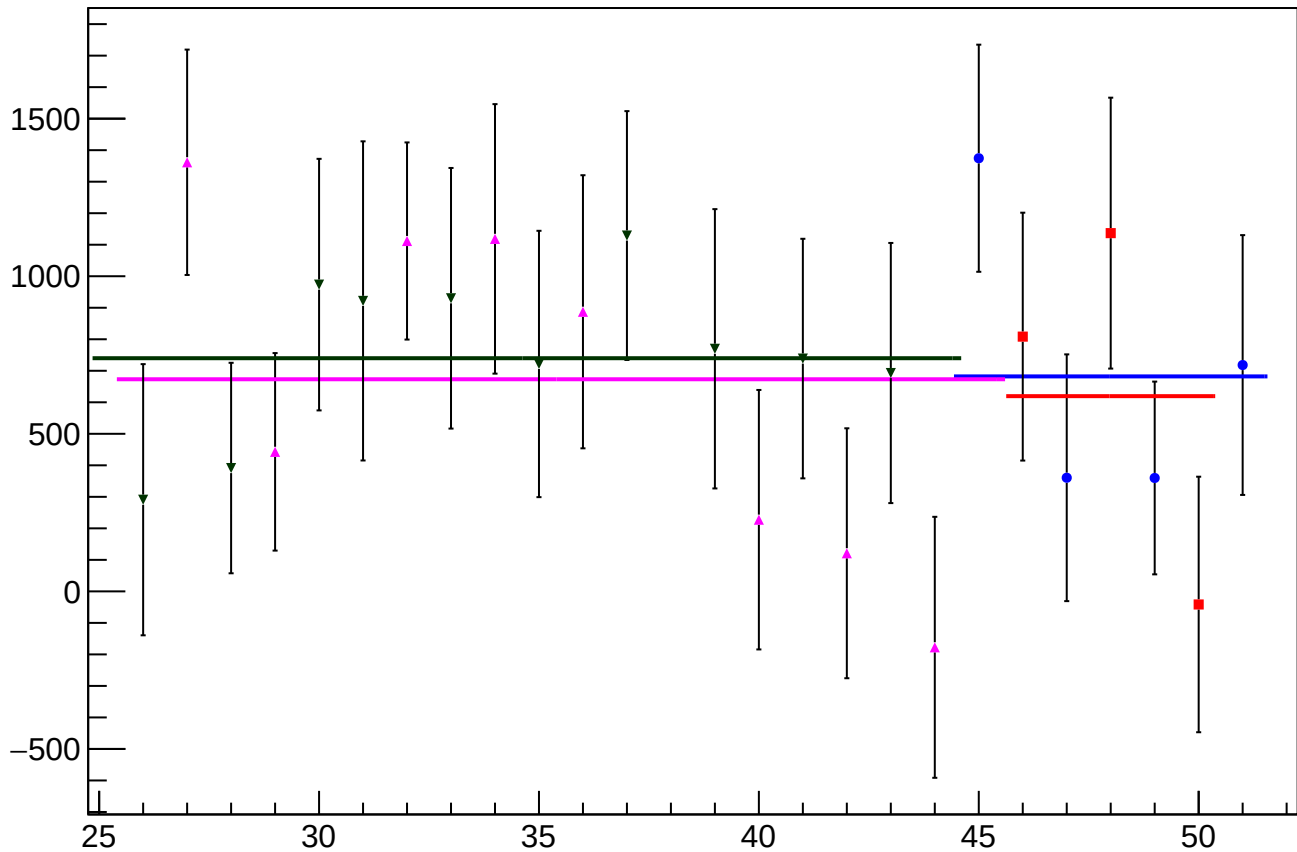
Left Out: 2197.439+/-0.715 χ^2/NDF :128896.8/8

Right Out: 2124.644+/-1.254 χ^2/NDF : 87293.6/2

Left In: 2053.263+/-0.648 χ^2/NDF :79708.9/7

2130.164+/-0.407 χ^2/NDF : 414136.9/23

reg_asym_atl_avg_mean vs slug



Right In: 682.151+/-180.179 χ^2/NDF : 5.5/3

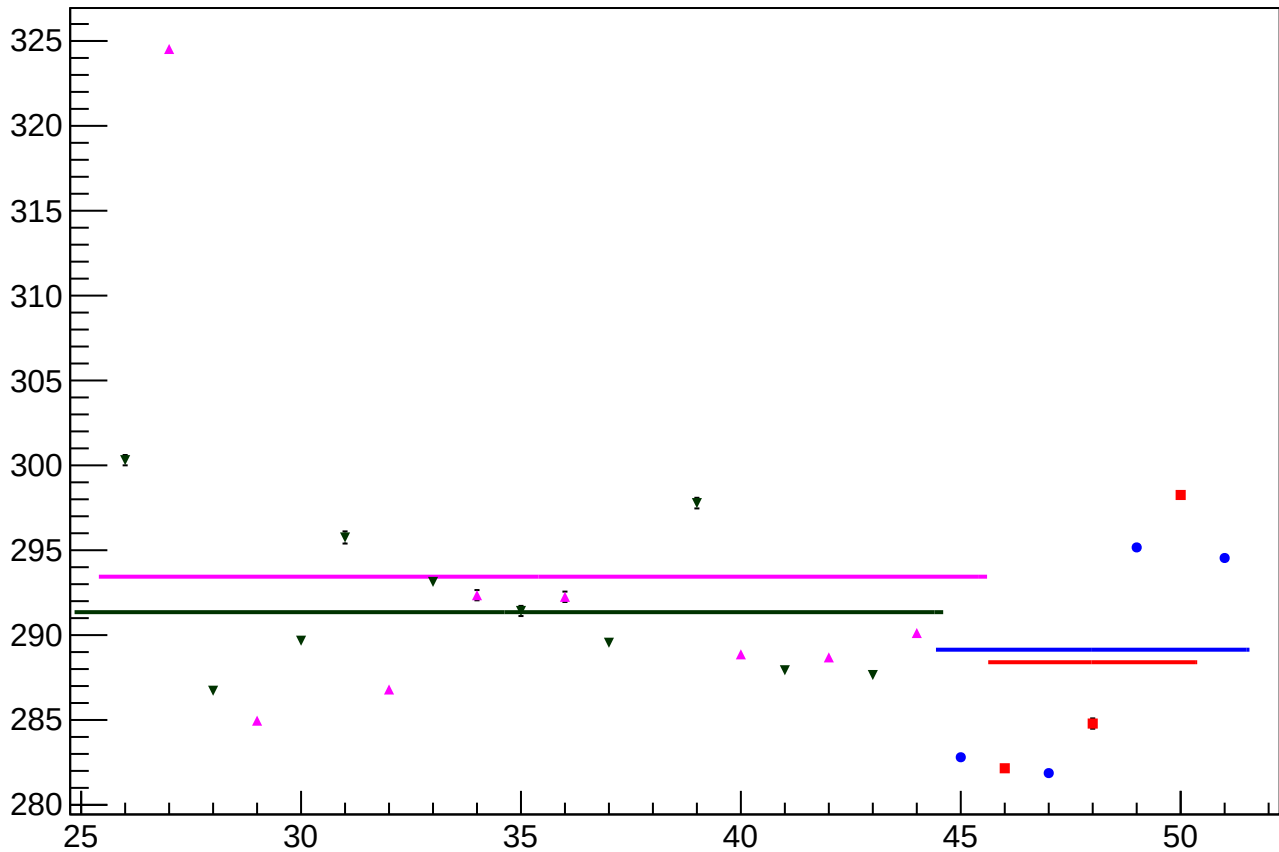
Left Out: 739.872+/-128.784 χ^2/NDF : 3.9/9

693.198+/-77.575 χ^2/NDF : 28.8/24

Right Out: 619.463+/-235.958 χ^2/NDF : 4.3/2

Left In: 673.071+/-132.323 χ^2/NDF : 14.9/7

reg_asym_atl_avg_rms vs slug



Right In: 289.140+/-0.127 χ^2/NDF : 2427.8/3

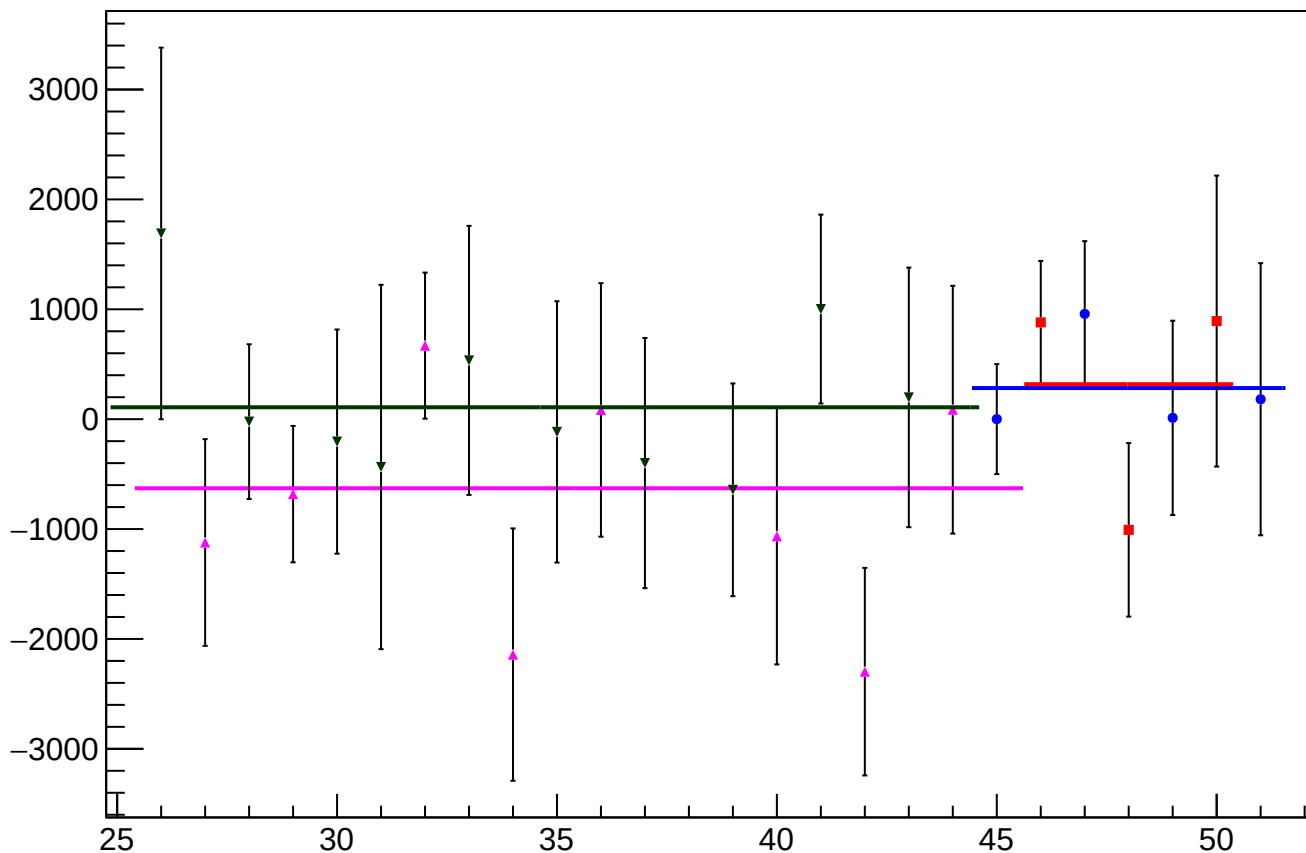
Left Out: 291.351+/-0.091 χ^2/NDF :2259.4/9

291.341+/-0.055 χ^2/NDF : 25801.2/24

Right Out: 288.402+/-0.167 χ^2/NDF : 1827.0/2

Left In: 293.442+/-0.094 χ^2/NDF :18174.2/7

asym_atl_avg_correction_mean vs slug



Right In: 283.169 $\pm$ 349.142 χ^2/NDF : 1.5/3

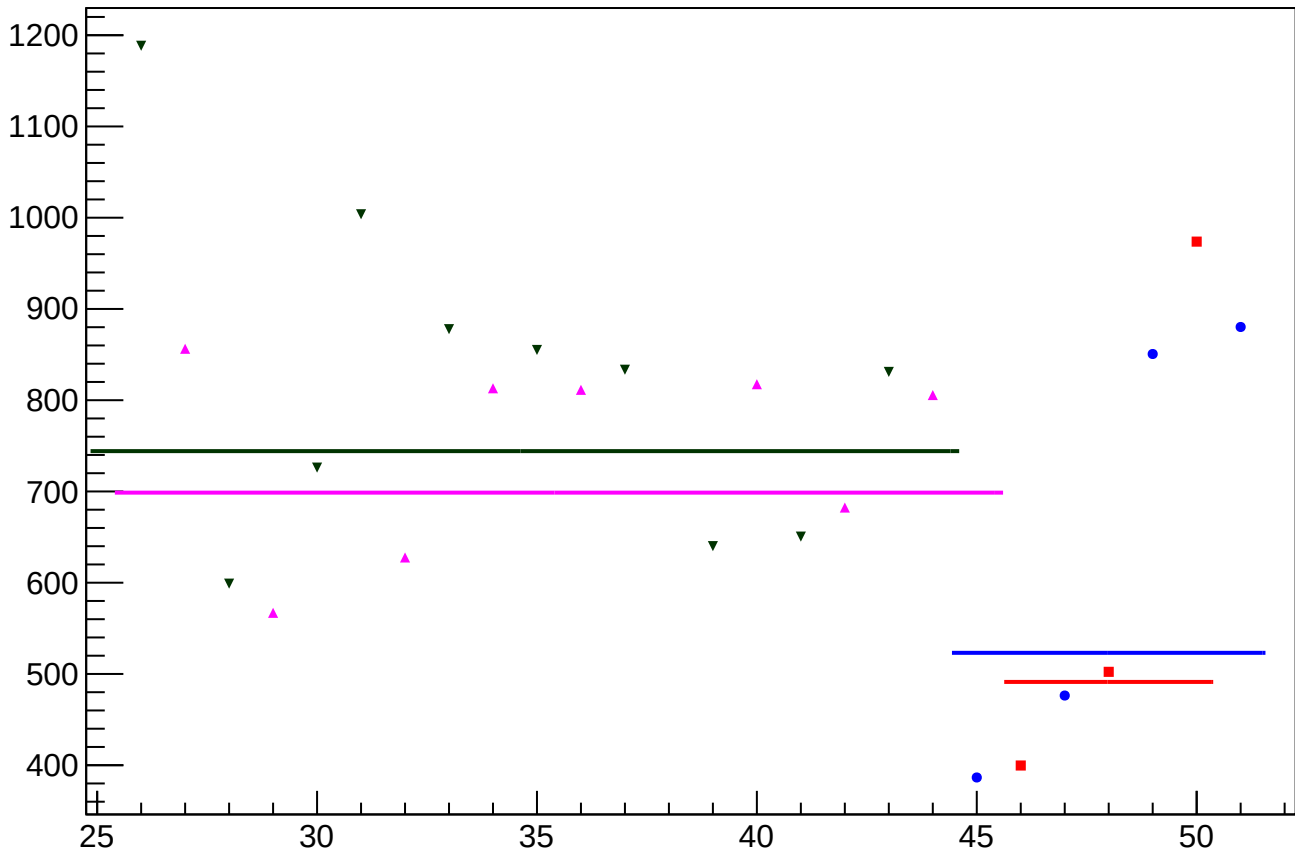
Left Out: 108.218 $\pm$ 333.765 χ^2/NDF : 3.2/9

Right Out: 318.484 $\pm$ 431.446 χ^2/NDF : 4.0/2

Left In: -628.735 $\pm$ 314.024 χ^2/NDF : 9.9/7

-41.922 $\pm$ 174.893 χ^2/NDF : 23.8/24

asym_atl_avg_correction_rms vs slug



Right In: 523.159+/-0.247 χ^2/NDF : 599671.4/3

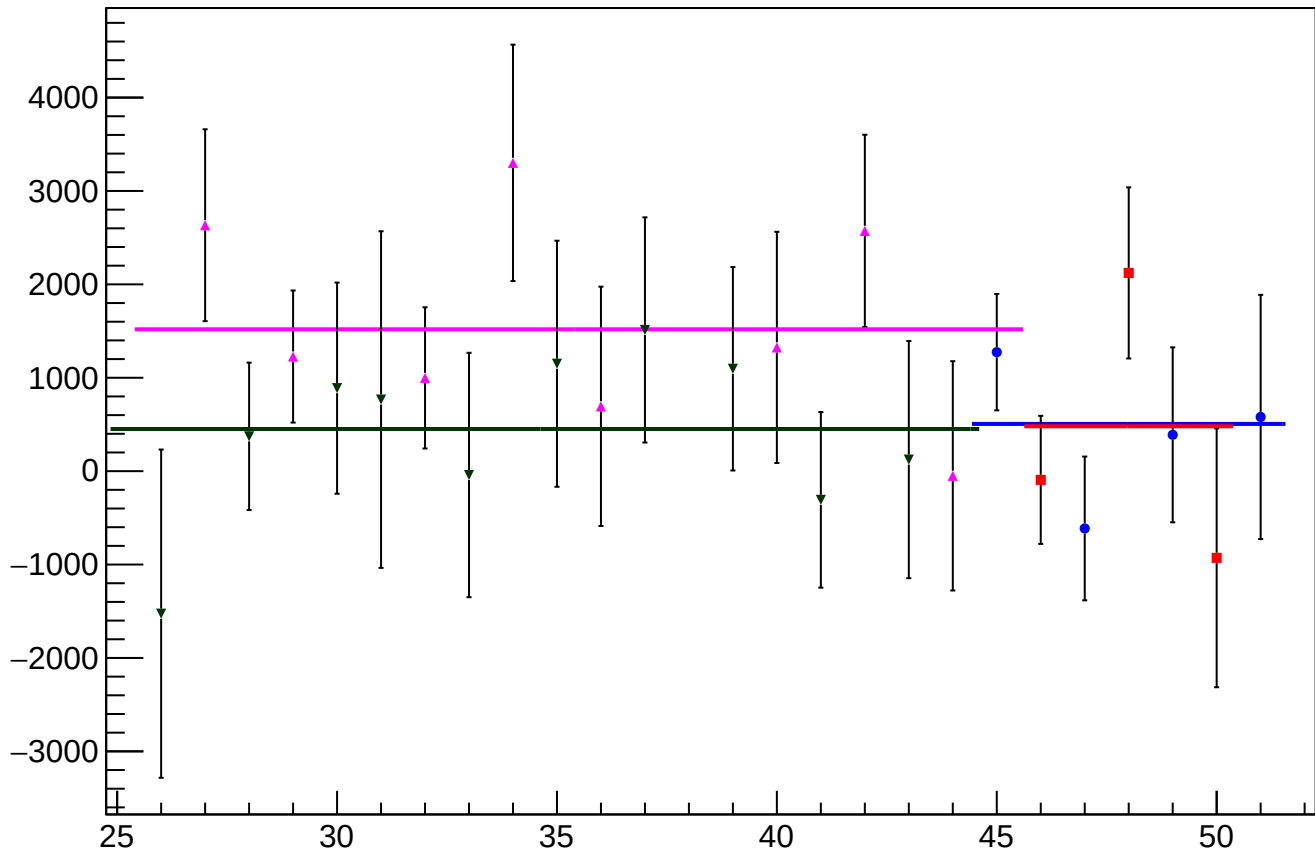
Left Out: 744.197+/-0.236 χ^2/NDF : 384053.8/9

633.062+/-0.124 χ^2/NDF : 2274054.1/24

Right Out: 491.271+/-0.305 χ^2/NDF : 319668.0/2

Left In: 698.706+/-0.222 χ^2/NDF : 247337.3/7

asym_atl_avg_mean vs slug



Right In: 505.658+/-408.653 χ^2/NDF : 3.7/3

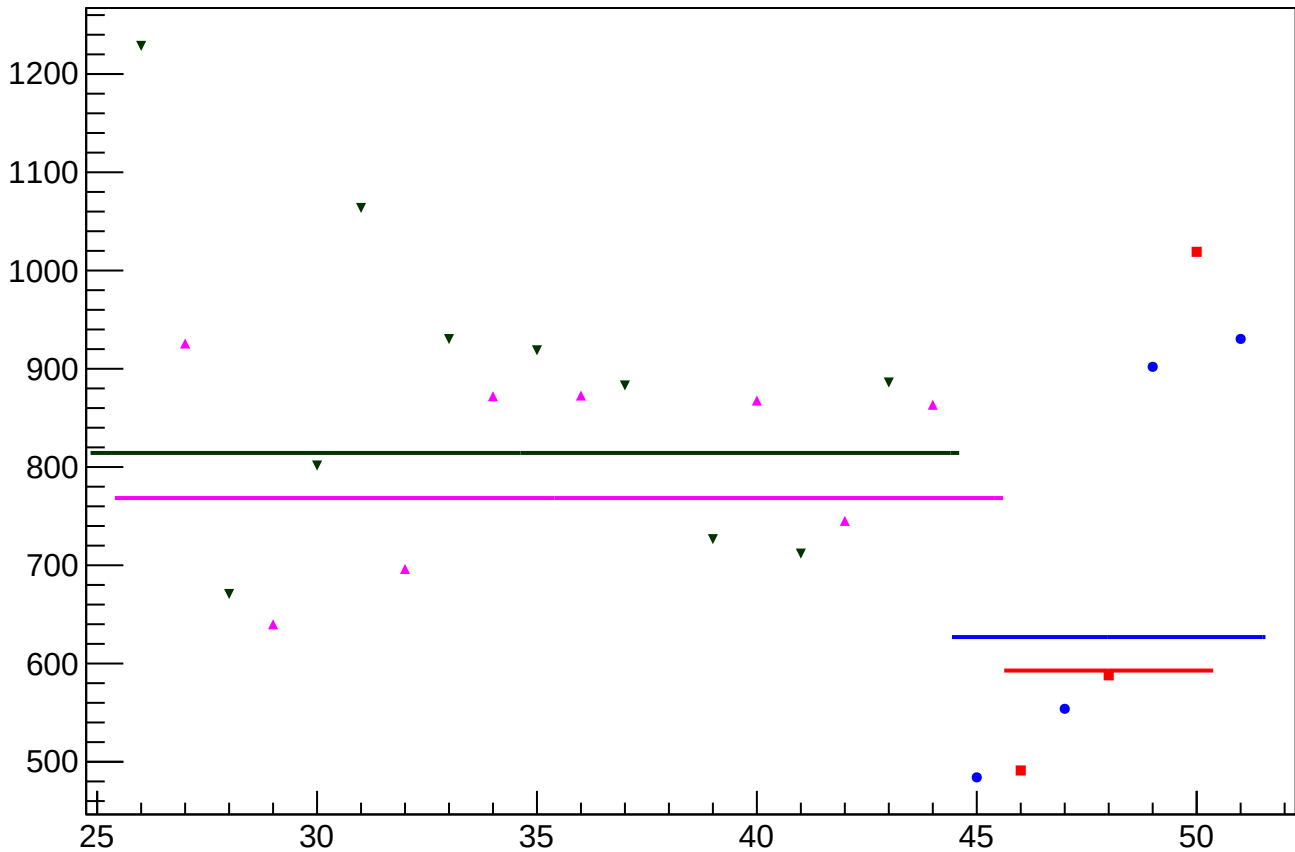
Left Out: 451.381+/-366.058 χ^2/NDF : 3.7/9

811.804+/-198.100 χ^2/NDF : 25.3/24

Right Out: 481.011+/-510.325 χ^2/NDF : 4.9/2

Left In: 1519.039+/-349.401 χ^2/NDF : 6.9/7

asym_atl_avg_rms vs slug



Right In: 626.934+/-0.289 χ^2/NDF : 403225.5/3

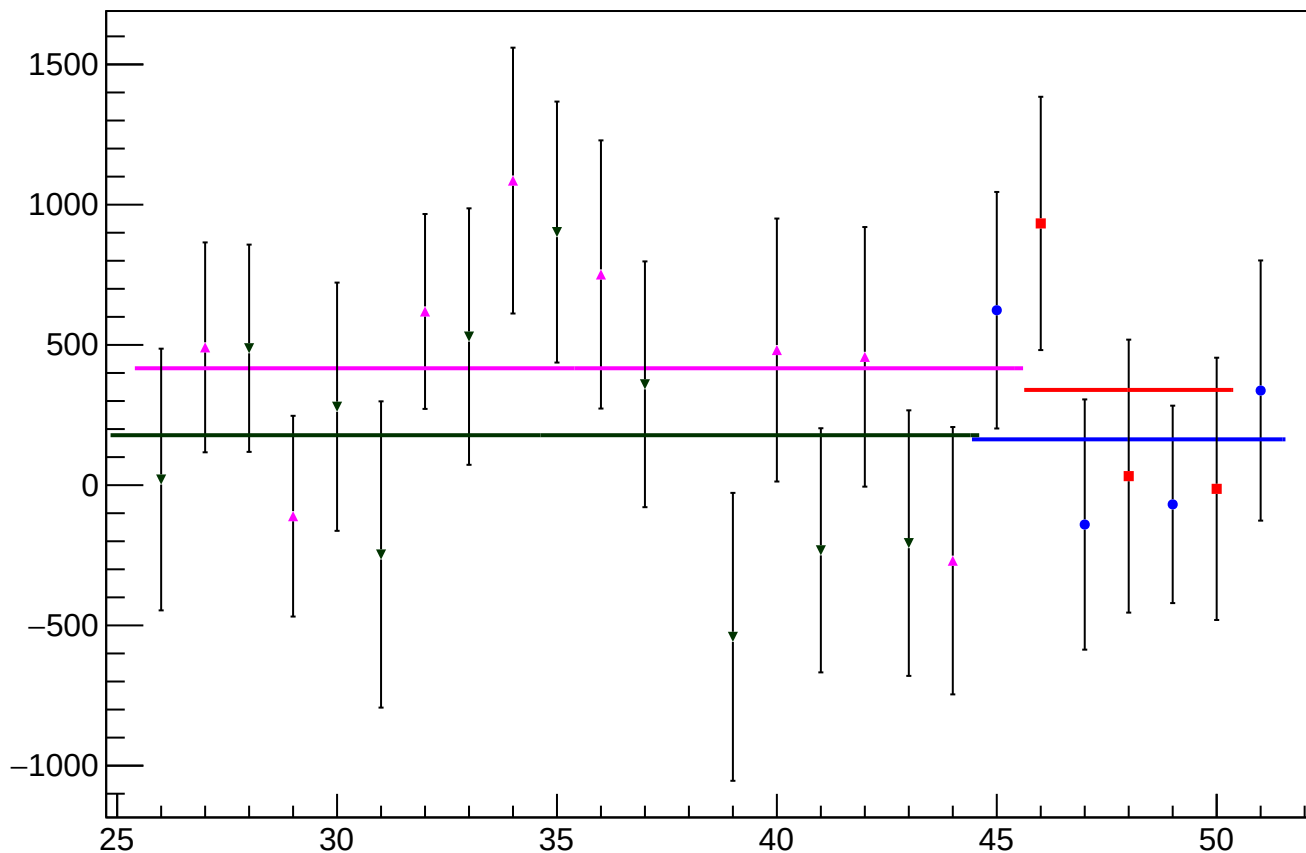
Left Out: 814.342+/-0.259 χ^2/NDF : 293767.4/9

Right Out: 592.842+/-0.361 χ^2/NDF : 233310.8/2

Left In: 768.425+/-0.247 χ^2/NDF : 183671.3/7

722.165+/-0.140 χ^2/NDF : 1512897.4/24

reg_asym_atl_dd_mean vs slug



Right In: 163.355+/-206.839 χ^2/NDF : 2.2/3

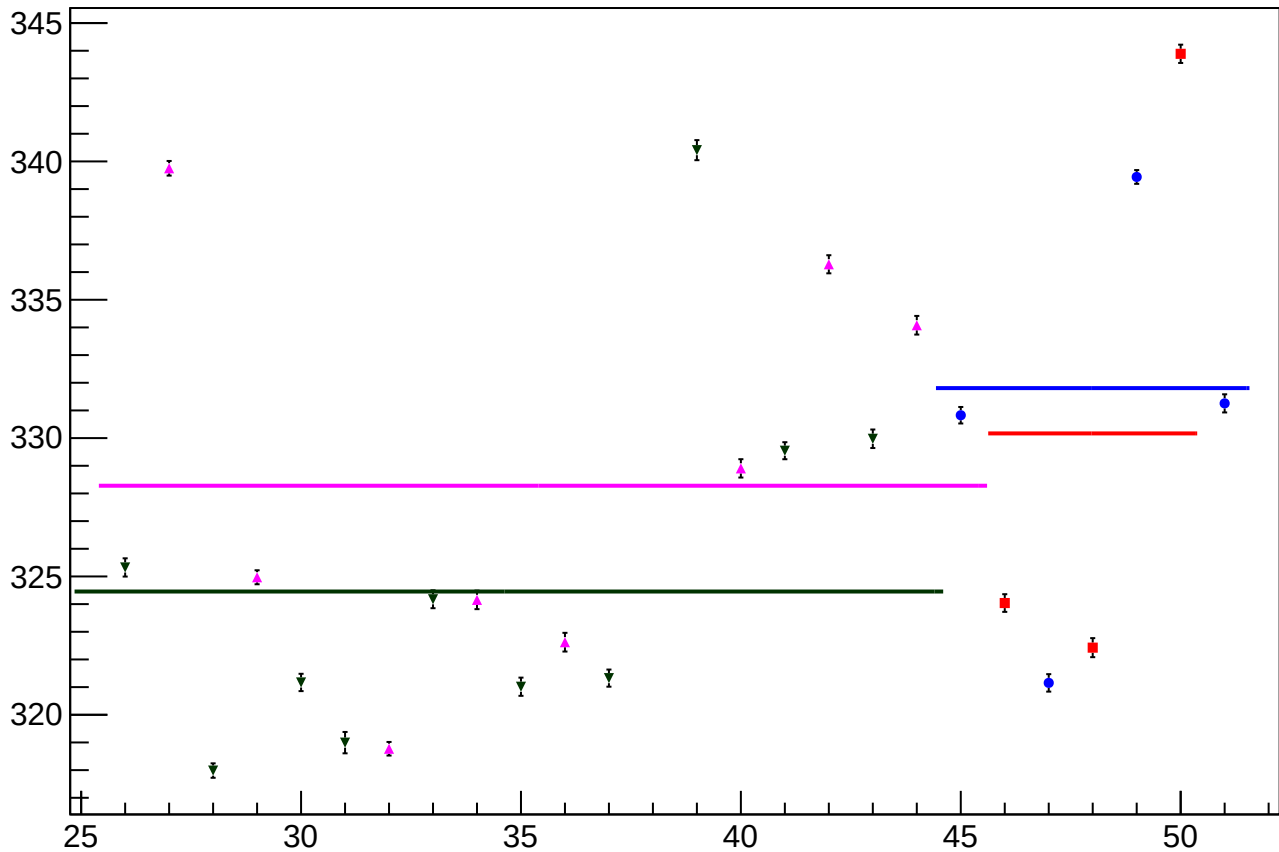
Left Out: 178.098+/-143.538 χ^2/NDF : 8.2/9

Right Out: 339.551+/-270.132 χ^2/NDF : 2.7/2

Left In: 416.758+/-147.940 χ^2/NDF : 7.1/7

275.371+/-87.269 χ^2/NDF : 22.0/24

reg_asym_atl_dd_rms vs slug



Right In: 331.807 $\pm$ 0.146 χ^2 /NDF: 2095.1/3

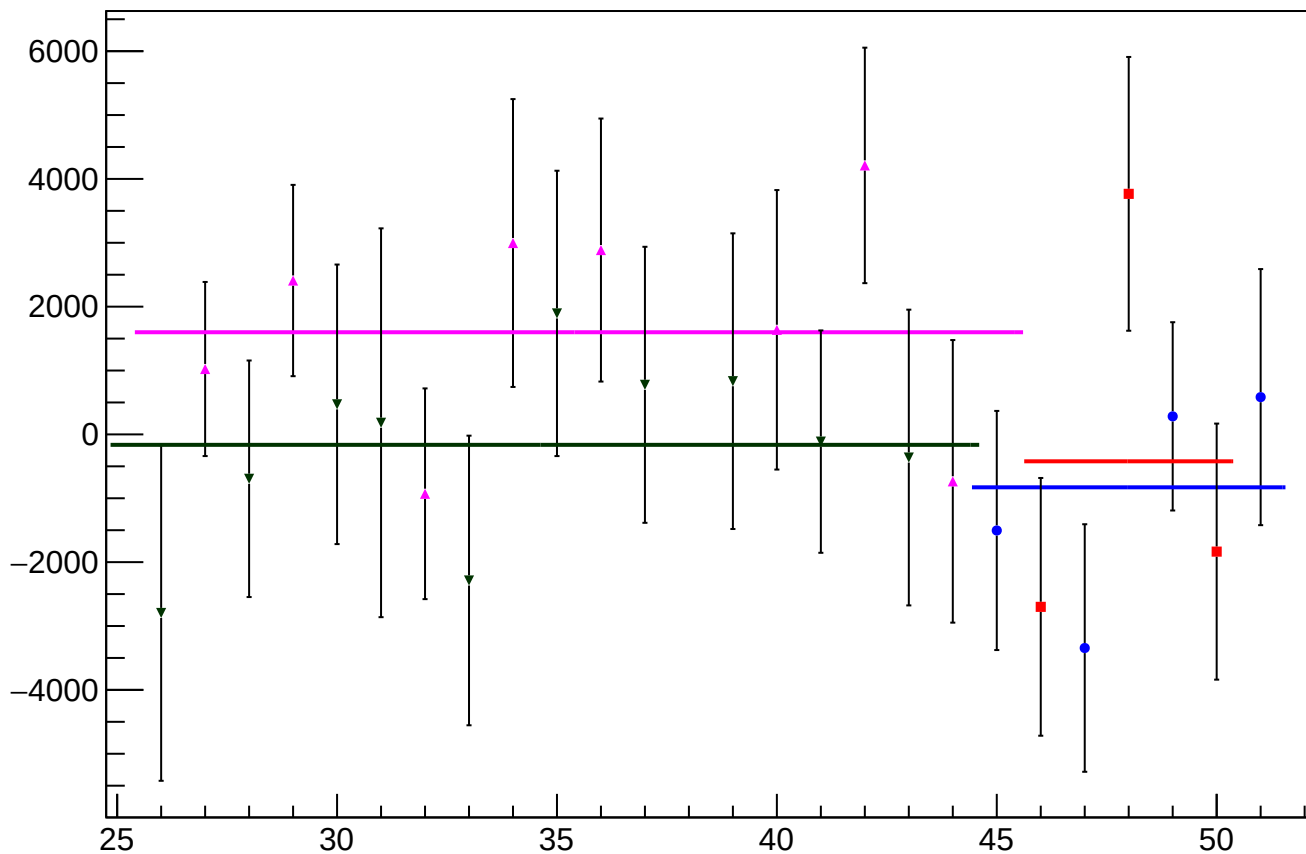
Left Out: 324.455 $\pm$ 0.101 χ^2 /NDF: 3621.0/9

Right Out: 330.169 $\pm$ 0.191 χ^2 /NDF: 2597.5/2

Left In: 328.279 $\pm$ 0.105 χ^2 /NDF: 4878.6/7

327.691 $\pm$ 0.062 χ^2 /NDF: 15200.4/24

asym_atl_dd_correction_mean vs slug



Right In: -828.571+/-890.593 χ^2/NDF : 2.9/3

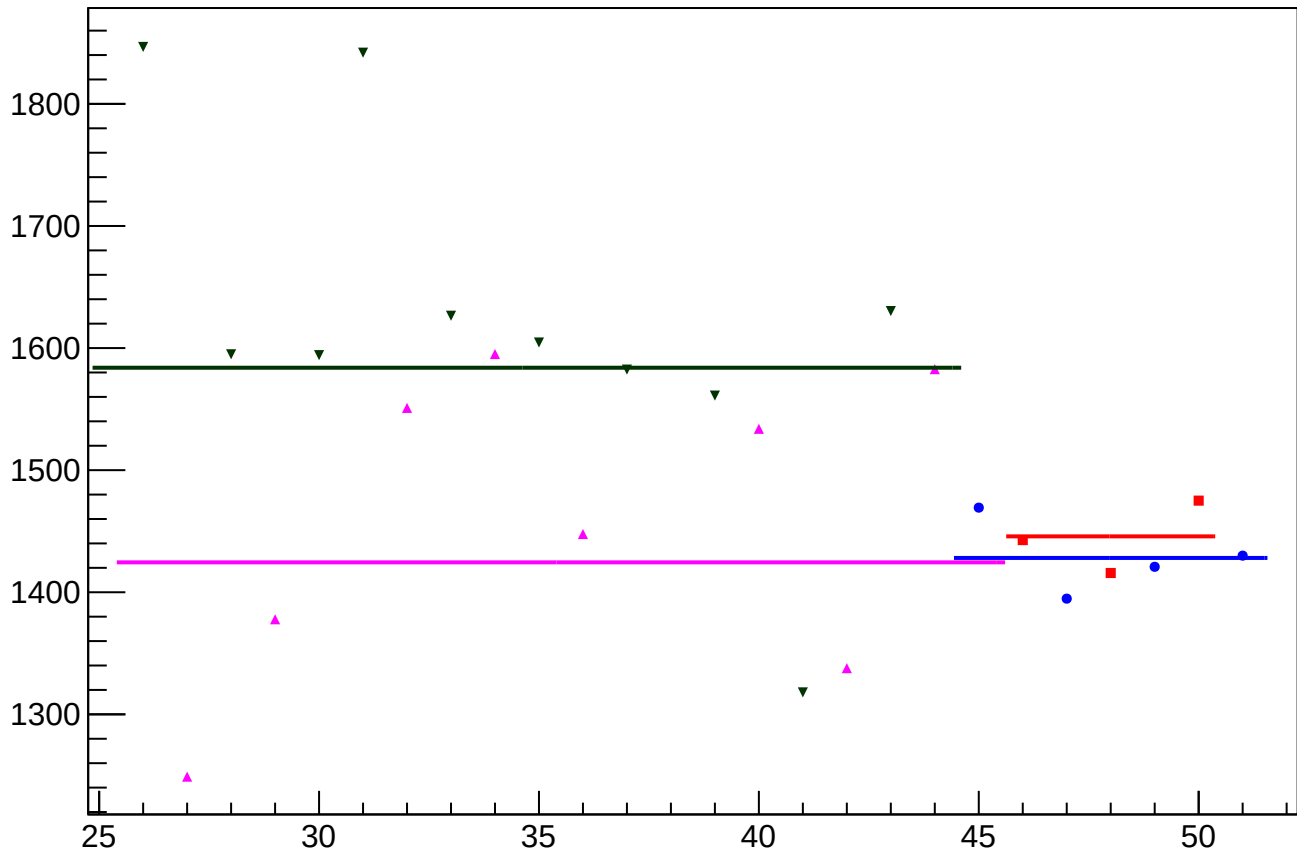
Left Out: -163.511+/-695.796 χ^2/NDF : 3.3/9

Right Out: -421.322+/-1184.962 χ^2/NDF : 5.6/2

Left In: 1599.395+/-633.470 χ^2/NDF : 6.7/7

352.688+/-391.315 χ^2/NDF : 25.1/24

asym_atl_dd_correction_rms vs slug



Right In: 1428.107+/-0.630 χ^2/NDF : 1610.6/3

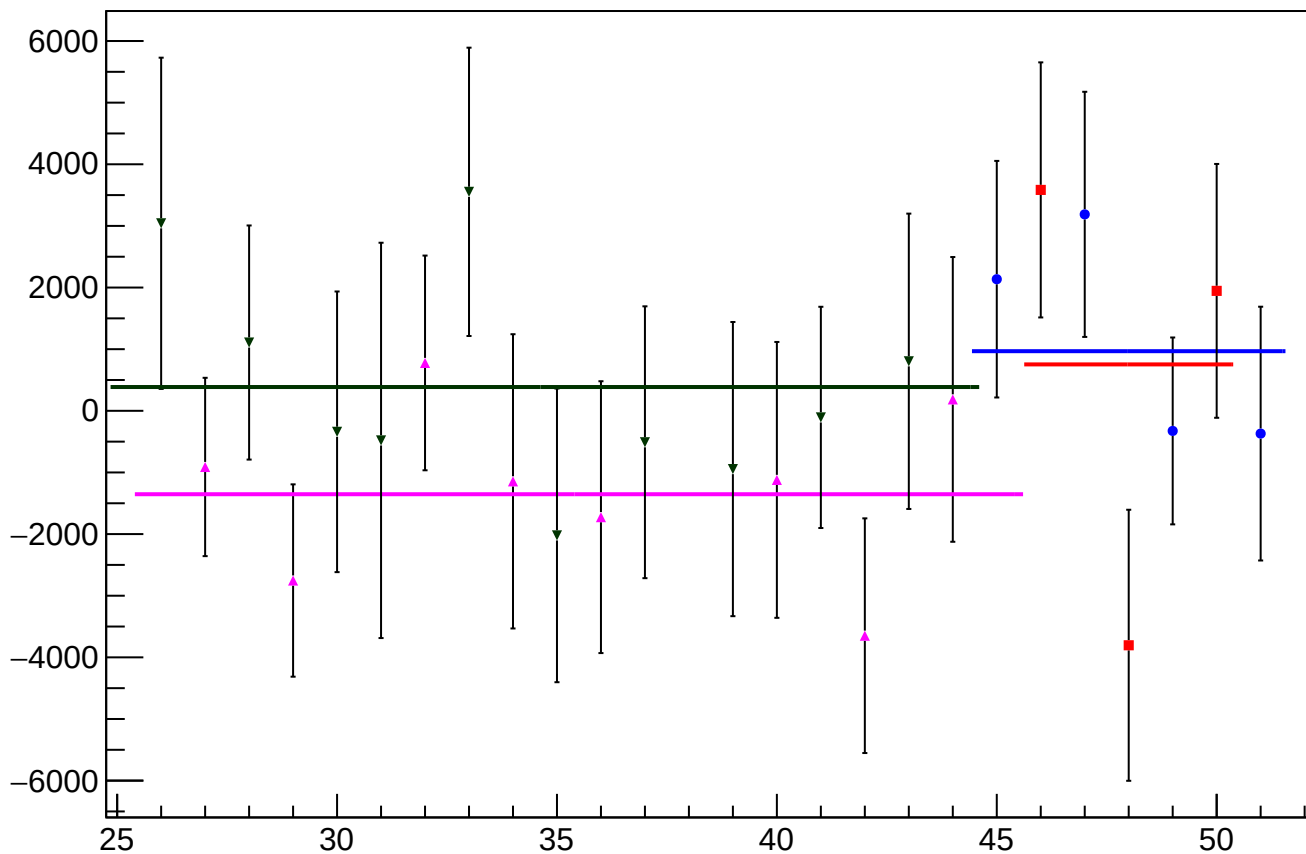
Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

Right Out: 1445.777+/-0.838 χ^2/NDF : 822.8/2

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1477.931+/-0.277 χ^2/NDF : 232058.3/24

asym_atl_dd_mean vs slug



Right In: 967.446 ± 914.631 χ^2/NDF : 2.8/3

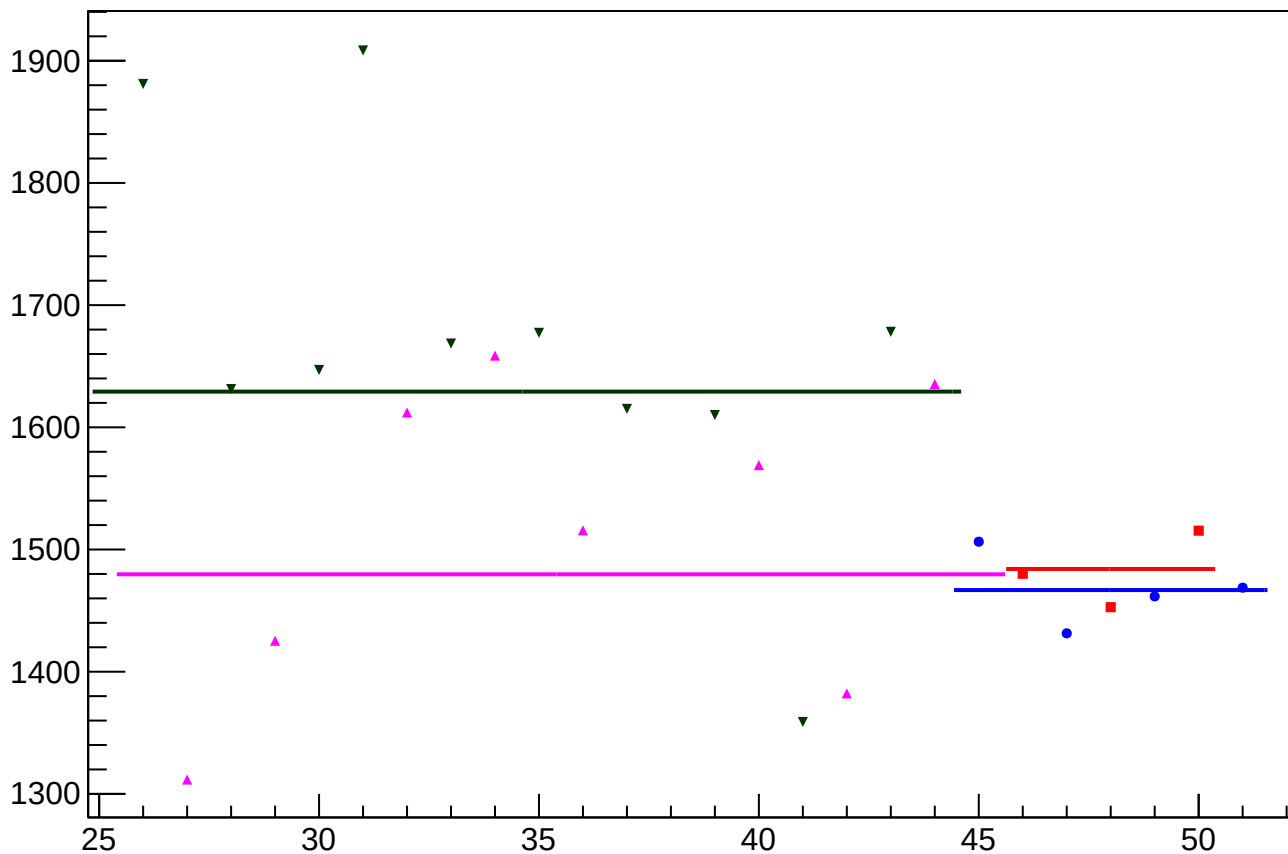
Left Out: 386.051 ± 719.673 χ^2/NDF : 4.7/9

Right Out: 752.987 ± 1216.066 χ^2/NDF : 6.5/2

Left In: -1353.325 ± 664.845 χ^2/NDF : 4.3/7

-107.287 ± 406.064 χ^2/NDF : 24.2/24

asym_atl_dd_rms vs slug



Right In: 1466.819+/-0.647 χ^2/NDF : 1509.4/3

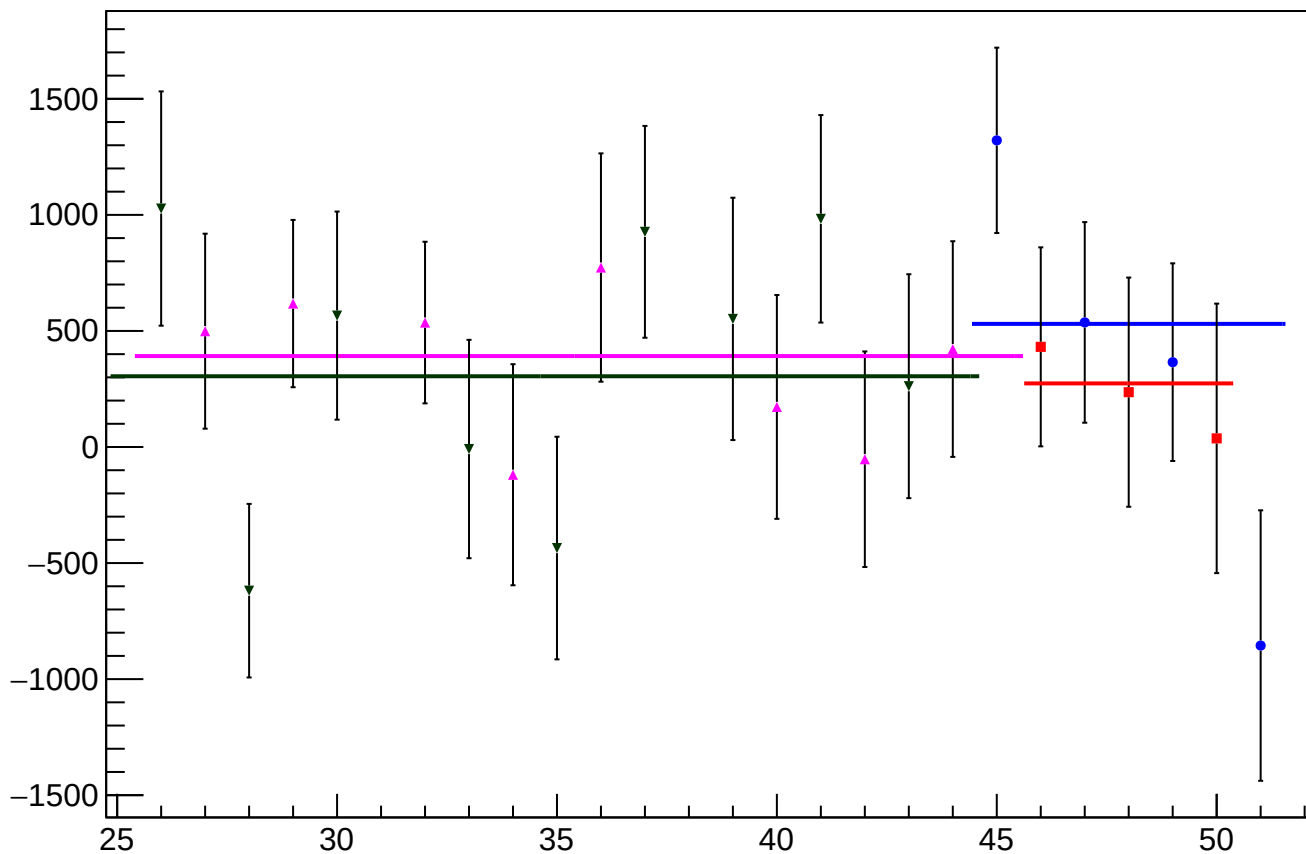
Left Out: 1629.236+/-0.509 χ^2/NDF : 80669.5/9

Right Out: 1484.086+/-0.860 χ^2/NDF : 874.9/2

Left In: 1479.724+/-0.470 χ^2/NDF : 70261.1/7

1525.266+/-0.287 χ^2/NDF : 214902.2/24

reg_asym_atr_avg_mean vs slug



Right In: 530.451 $\pm$ 223.111 χ^2 /NDF: 9.7/3

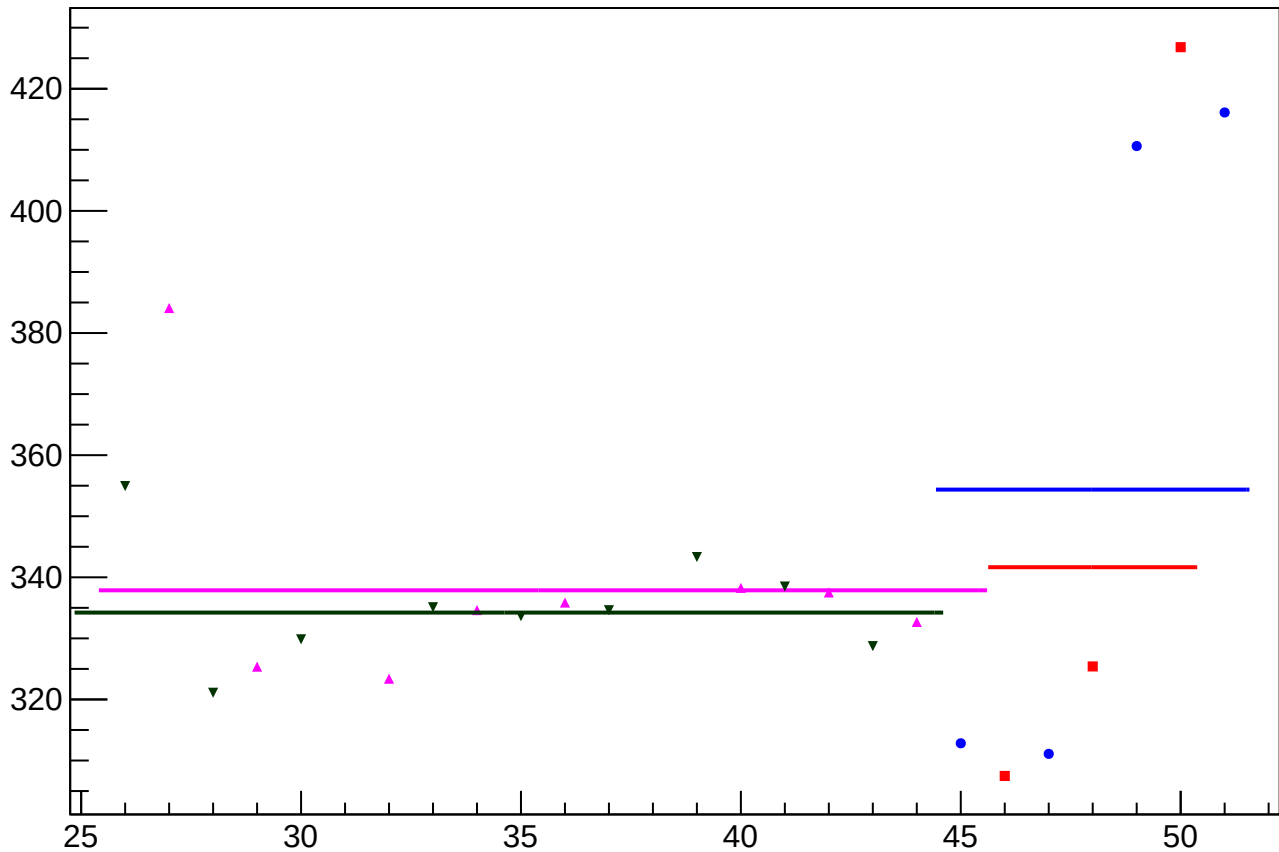
Left Out: 304.753 $\pm$ 153.029 χ^2 /NDF: 15.7/8

Right Out: 273.953 $\pm$ 282.707 χ^2 /NDF: 0.3/2

Left In: 391.742 $\pm$ 151.210 χ^2 /NDF: 3.5/7

371.565 $\pm$ 91.655 χ^2 /NDF: 30.1/23

reg_asym_atr_avg_rms vs slug



Right In: 354.361+/-0.158 χ^2/NDF : 99082.8/3

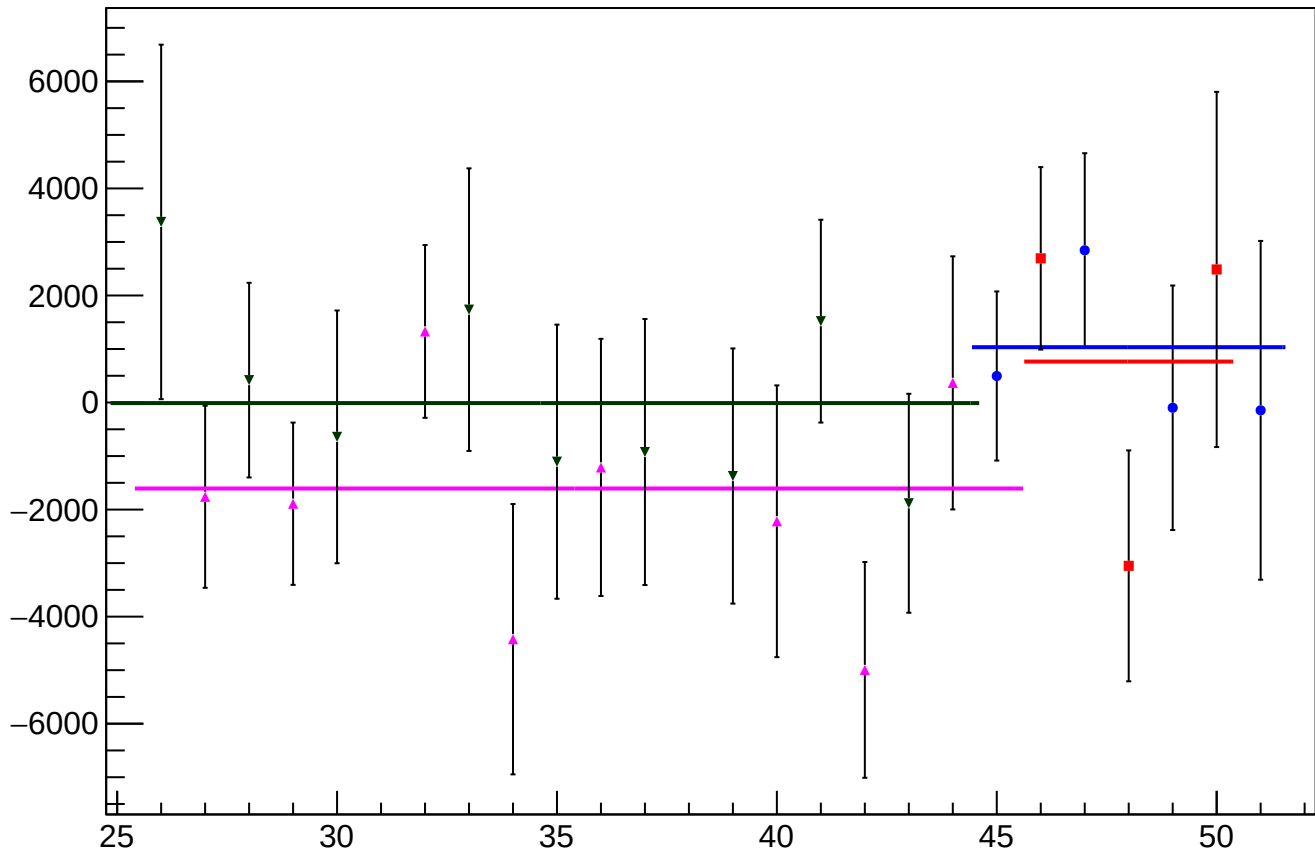
Left Out: 334.224+/-0.108 χ^2/NDF : 7088.3/8

339.743+/-0.065 χ^2/NDF : 206133.7/23

Right Out: 341.653+/-0.200 χ^2/NDF : 57916.2/2

Left In: 337.871+/-0.107 χ^2/NDF : 30461.2/7

asym_atr_avg_correction_mean vs slug



Right In: 1034.172 ± 1001.806 $\chi^2/\text{NDF}: 1.5/3$

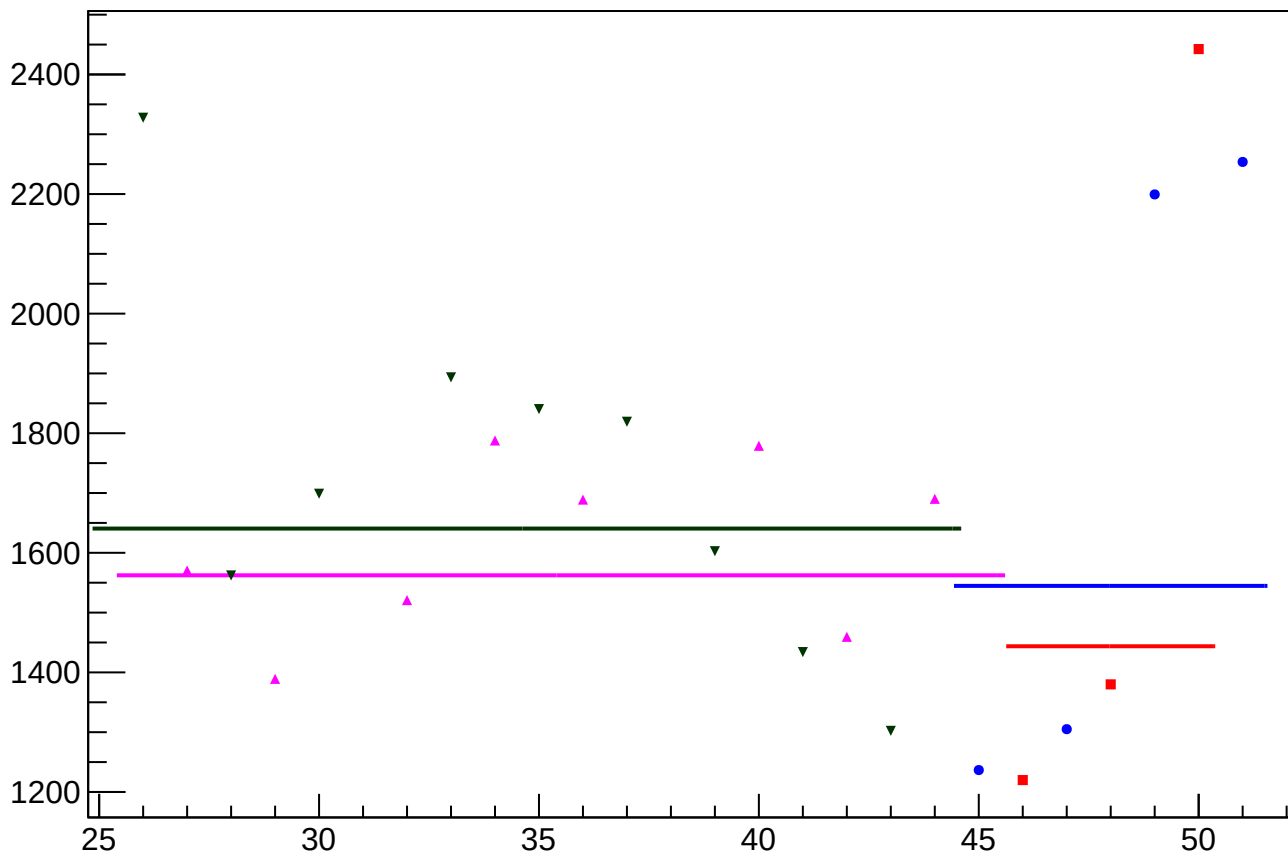
Left Out: -10.269 ± 761.494 $\chi^2/\text{NDF}: 3.7/8$

-334.717 ± 428.508 $\chi^2/\text{NDF}: 24.3/23$

Right Out: 765.182 ± 1240.372 $\chi^2/\text{NDF}: 4.7/2$

Left In: -1606.123 ± 694.183 $\chi^2/\text{NDF}: 8.2/7$

asym_atr_avg_correction_rms vs slug



Right In: 1544.689+/-0.708 χ^2/NDF : 375689.7/3

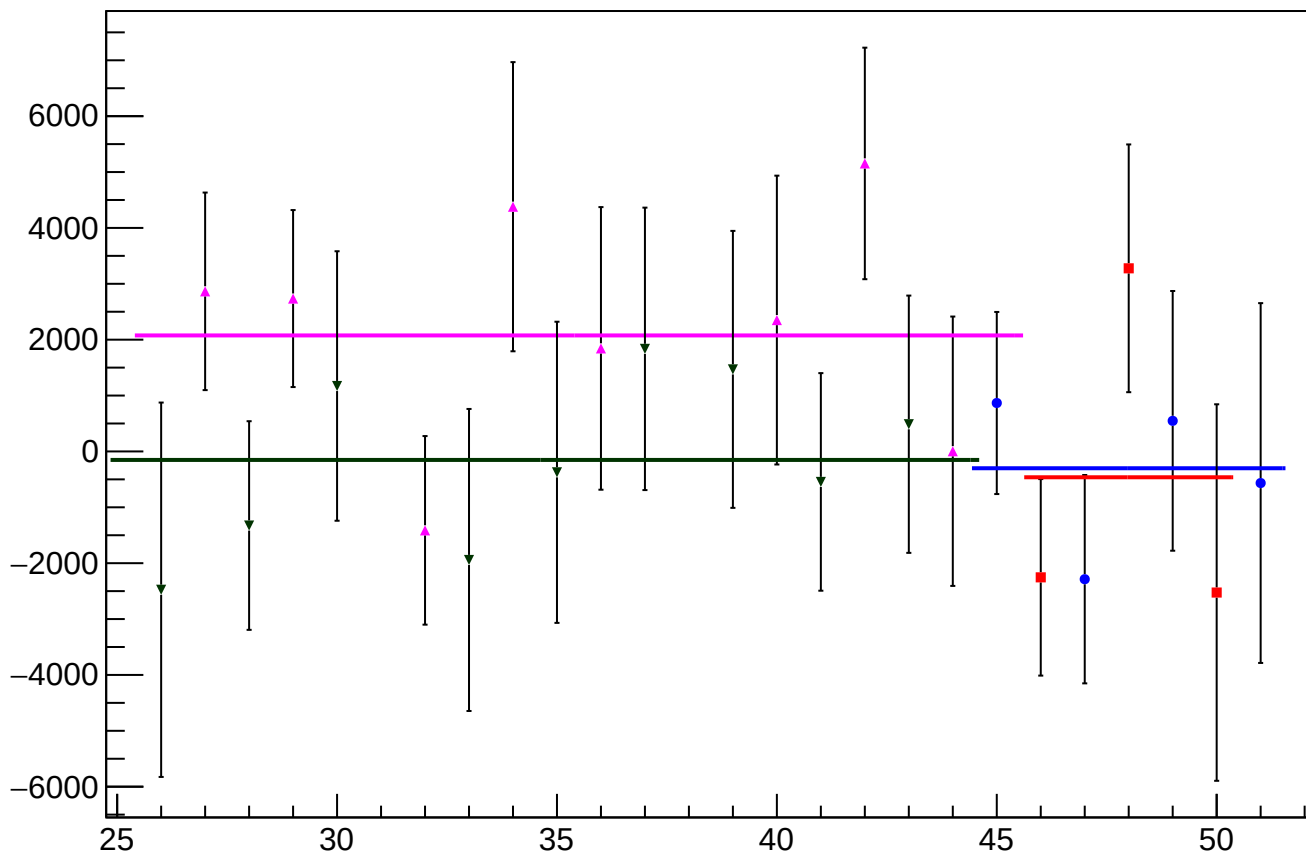
Left Out: 1640.545+/-0.538 χ^2/NDF : 210924.6/8

Right Out: 1443.692+/-0.877 χ^2/NDF : 217445.4/2

Left In: 1562.373+/-0.491 χ^2/NDF : 74594.6/7

1569.727+/-0.303 χ^2/NDF : 918074.9/23

asym_atr_avg_mean vs slug



Right In: -300.920+/-1028.209 χ^2/NDF : 1.8/3

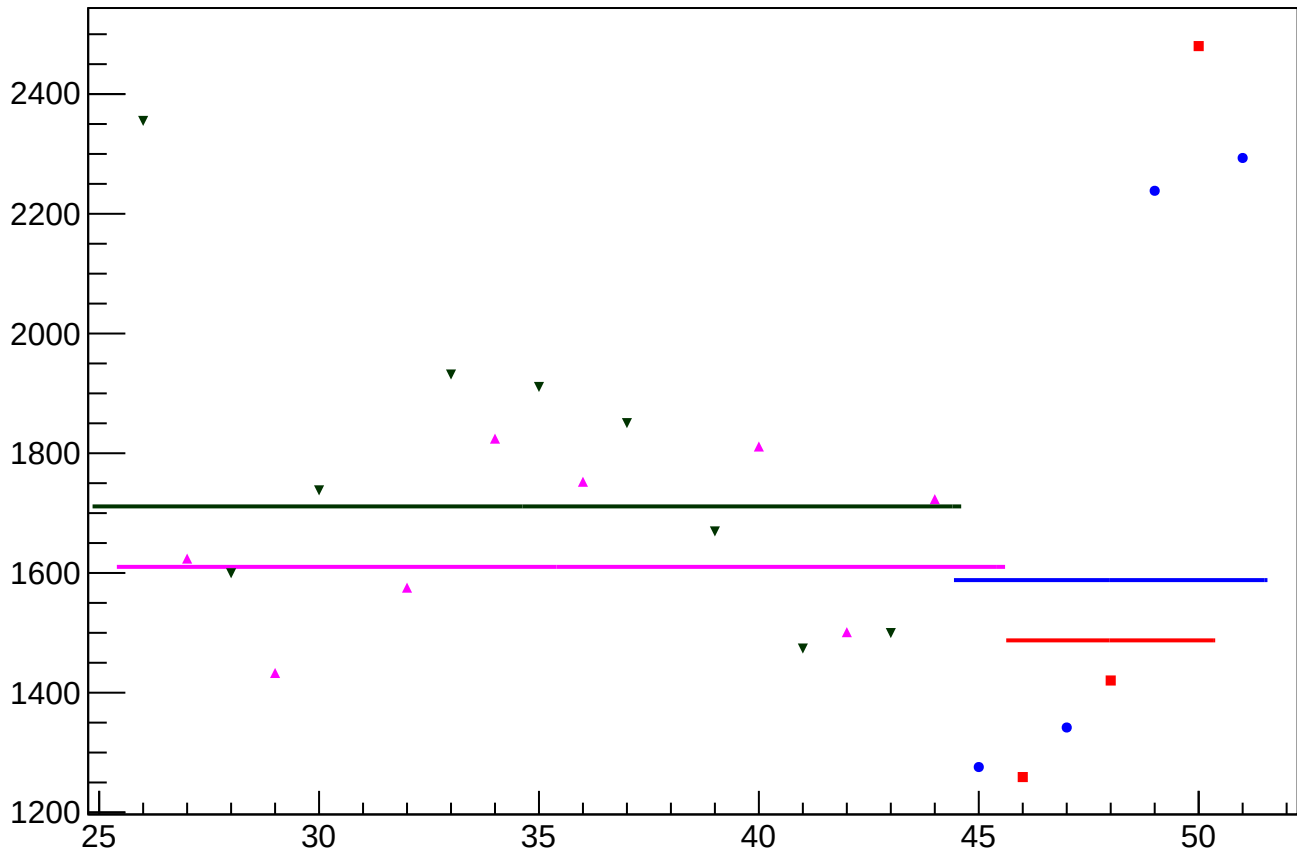
Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

Right Out: -462.542+/-1275.283 χ^2/NDF : 4.3/2

Left In: 2075.972+/-719.755 χ^2/NDF : 8.4/7

628.384+/-443.441 χ^2/NDF : 23.8/23

asym_atr_avg_rms vs slug



Right In: 1588.075+/-0.727 χ^2/NDF : 360902.3/3

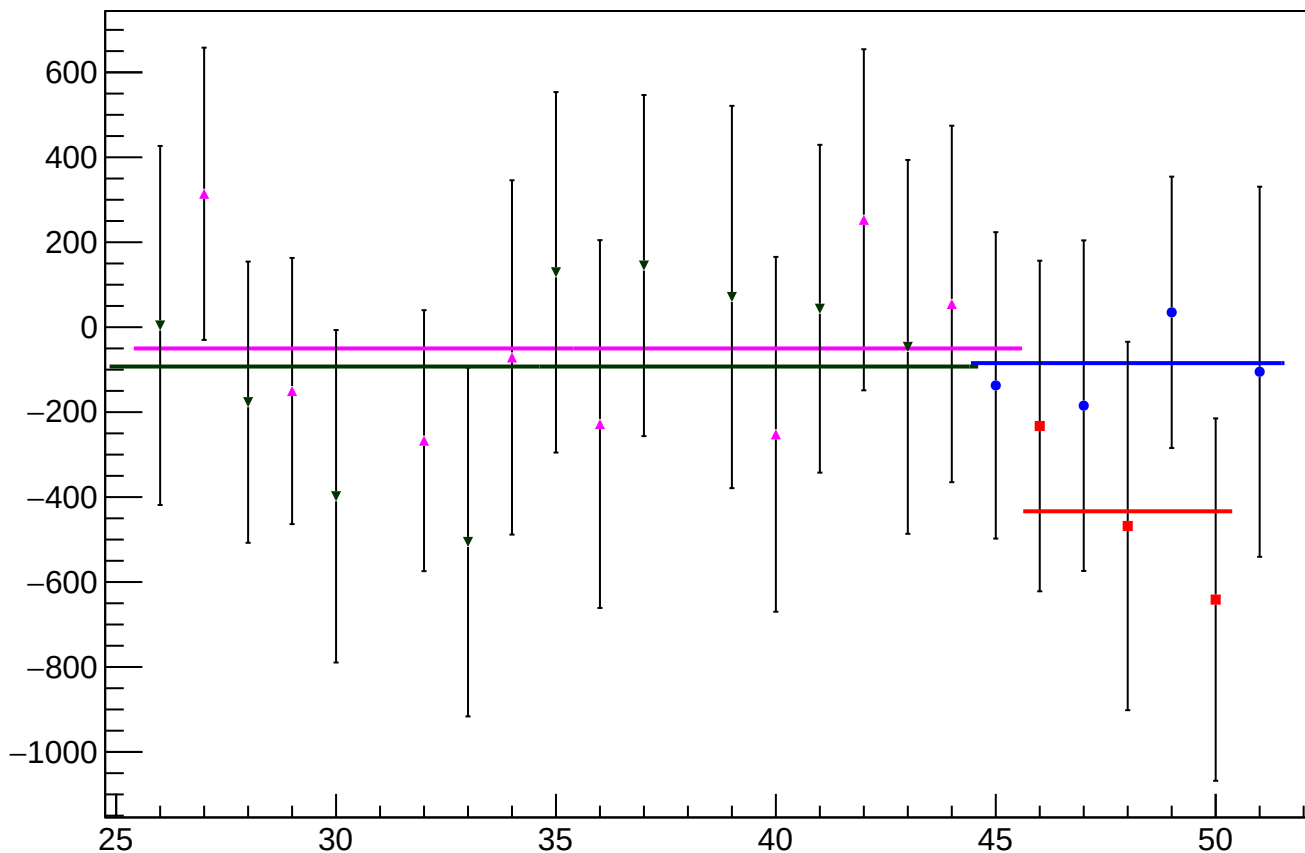
Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

1622.895+/-0.314 χ^2/NDF : 847379.2/23

Right Out: 1487.391+/-0.902 χ^2/NDF : 209196.6/2

Left In: 1610.194+/-0.509 χ^2/NDF :68104.2/7

reg_asym_atr_dd_mean vs slug



Right In: -84.613 ± 184.578 χ^2/NDF : 0.2/3

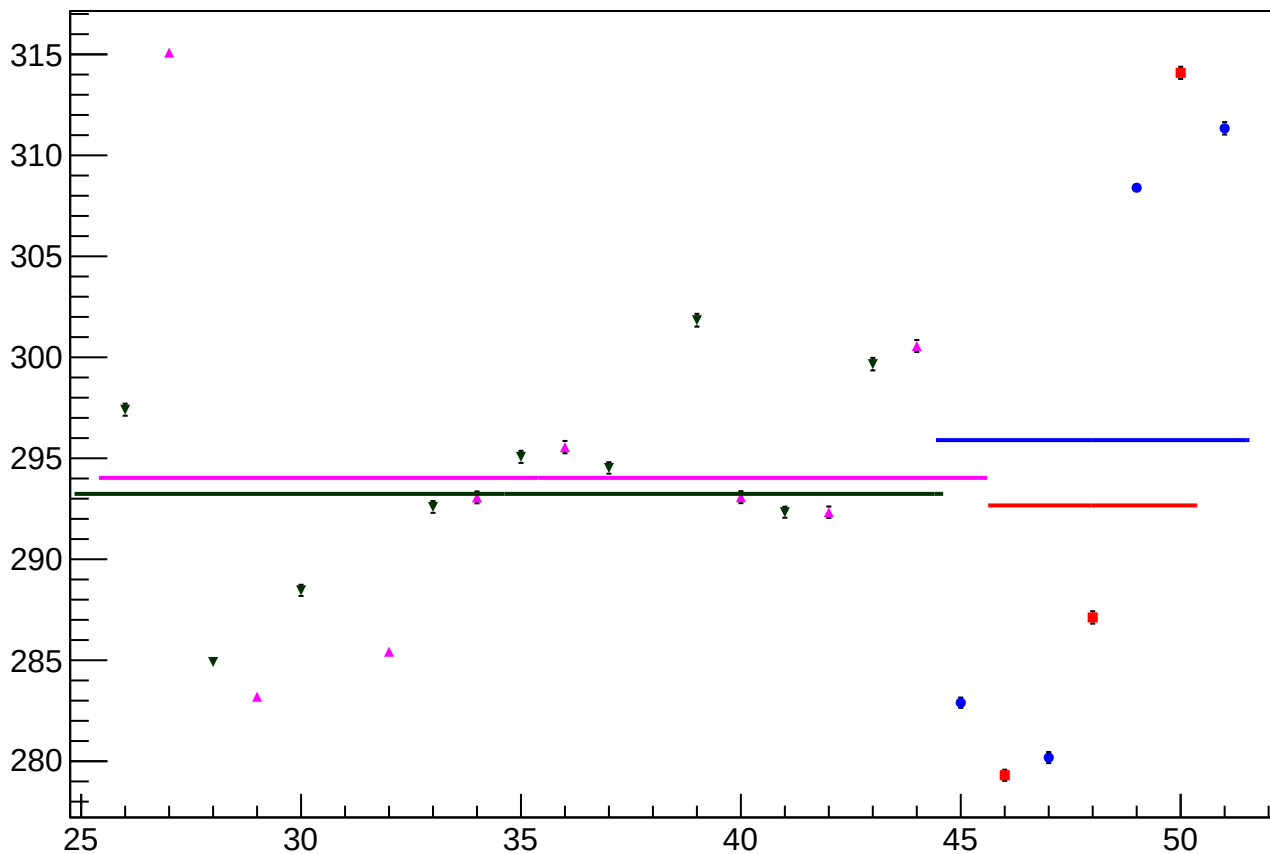
Left Out: -92.623 ± 133.933 χ^2/NDF : 2.6/8

Right Out: -433.474 ± 239.627 χ^2/NDF : 0.5/2

Left In: -50.044 ± 131.389 χ^2/NDF : 2.8/7

-112.782 ± 78.948 χ^2/NDF : 8.2/23

reg_asym_atr_dd_rms vs slug



Right In: 295.900 ± 0.131 χ^2/NDF : 11431.4/3

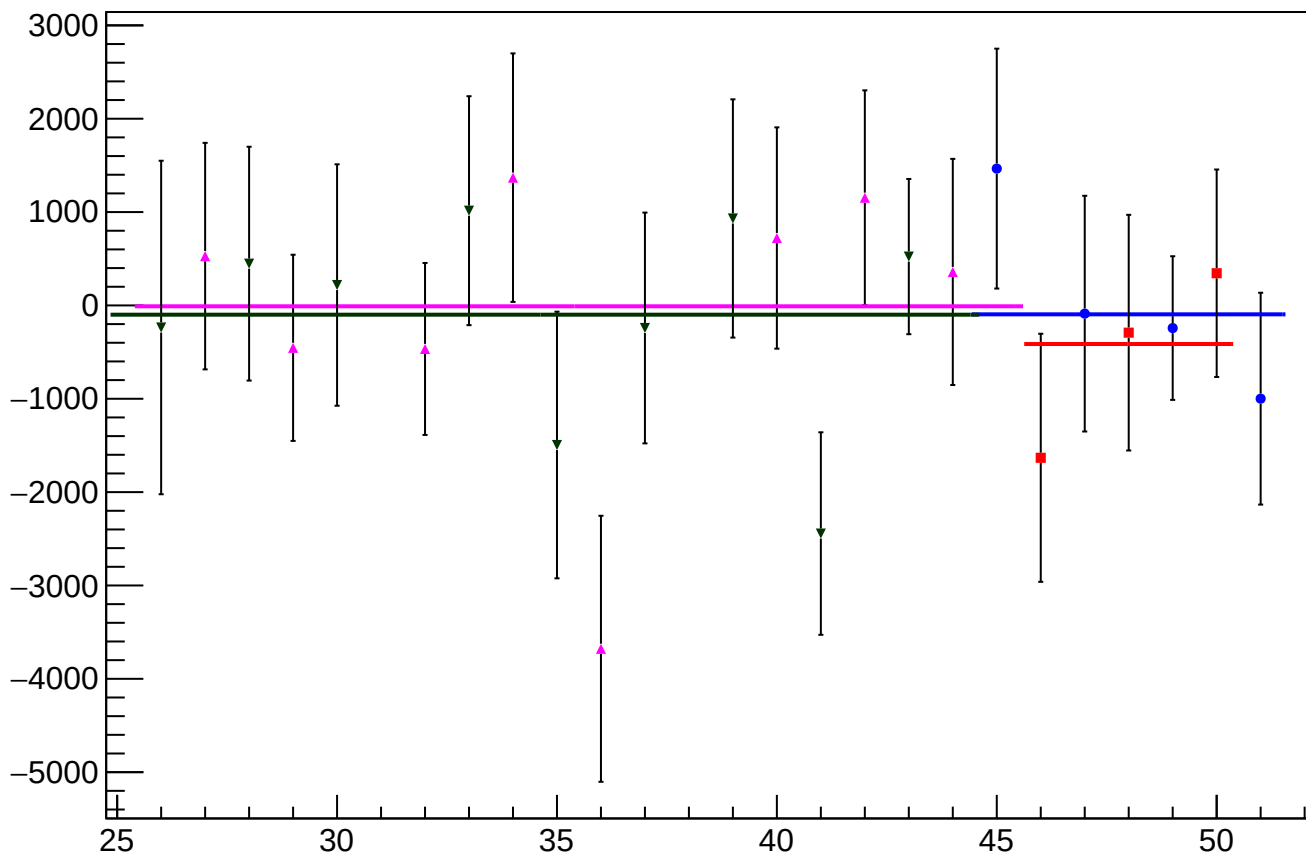
Left Out: 293.238 ± 0.095 χ^2/NDF : 2987.1/8

Right Out: 292.666 ± 0.169 χ^2/NDF : 7726.4/2

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.0/7

293.949 ± 0.056 χ^2/NDF : 34503.8/23

asym_atr_dd_correction_mean vs slug



Right In: -95.516 ± 519.933 χ^2/NDF : 2.1/3

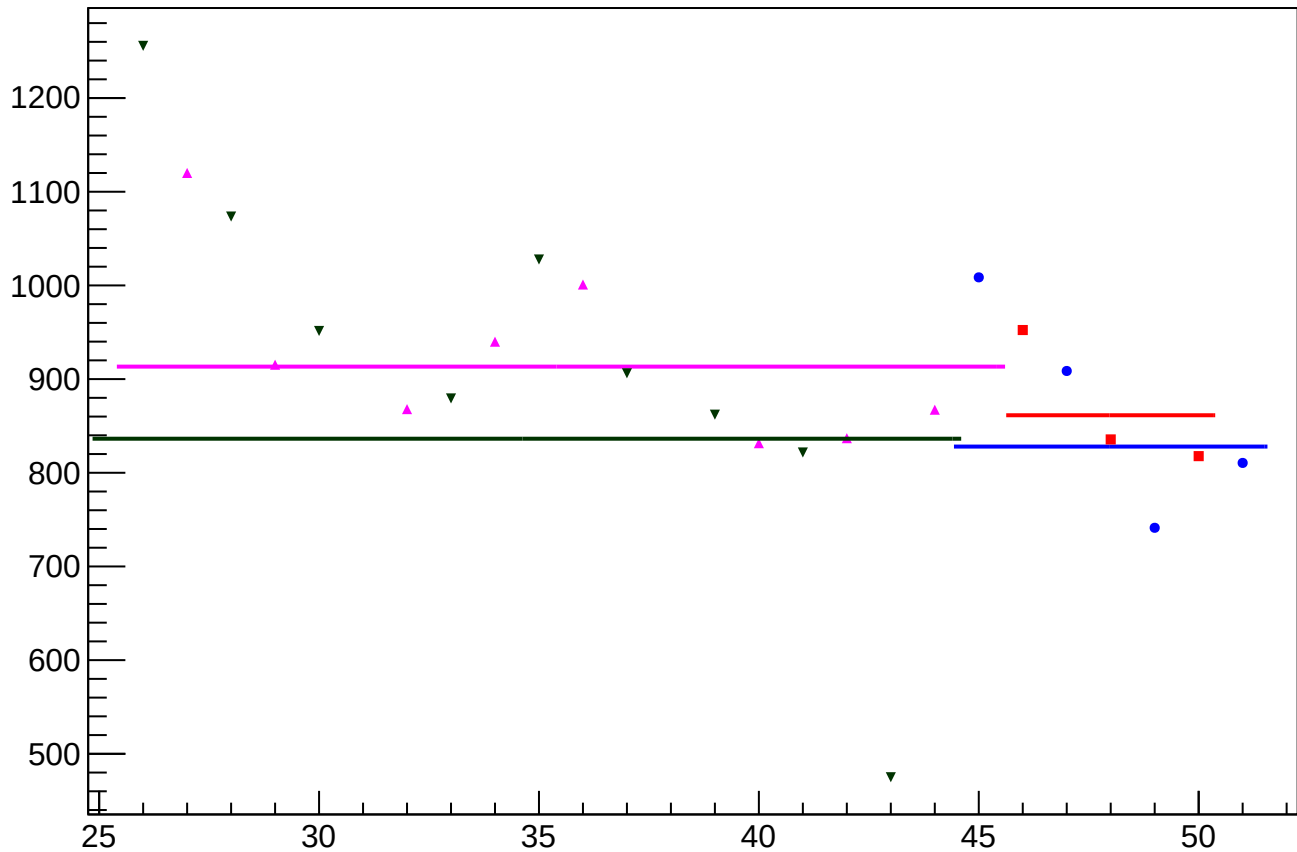
Left Out: -99.338 ± 399.387 χ^2/NDF : 7.9/8

Right Out: -413.436 ± 706.403 χ^2/NDF : 1.3/2

Left In: -9.316 ± 405.898 χ^2/NDF : 9.8/7

-103.157 ± 235.428 χ^2/NDF : 21.5/23

asym_atr_dd_correction_rms vs slug



Right In: 827.976 ± 0.368 χ^2/NDF : 73565.6/3

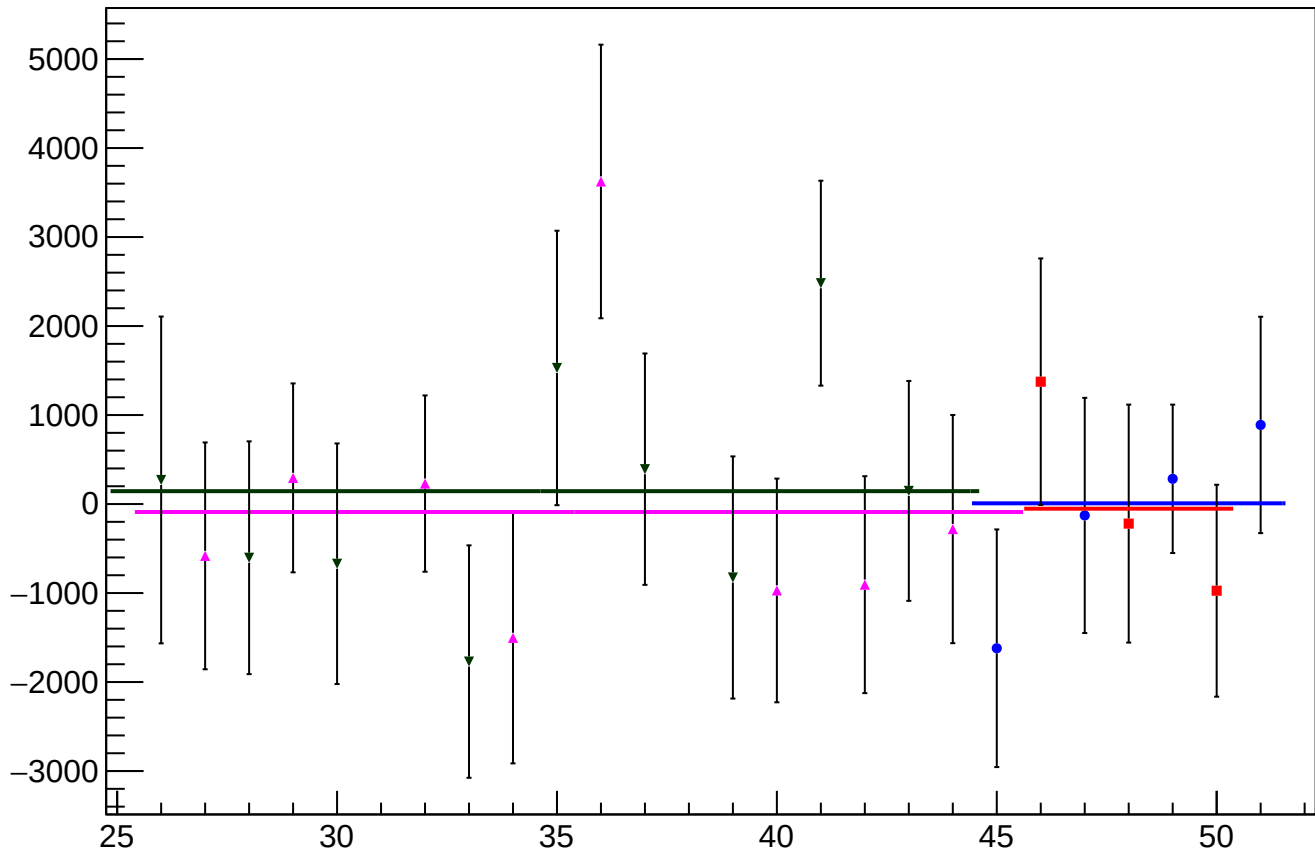
Left Out: 836.361 ± 0.282 χ^2/NDF : 621502.5/8

Right Out: 861.403 ± 0.500 χ^2/NDF : 13296.9/2

Left In: 913.324 ± 0.287 χ^2/NDF : 92509.5/7

863.315 ± 0.166 χ^2/NDF : 849597.0/23

asym_atr_dd_mean vs slug



Right In: 8.189+/-554.828 χ^2/NDF : 2.1/3

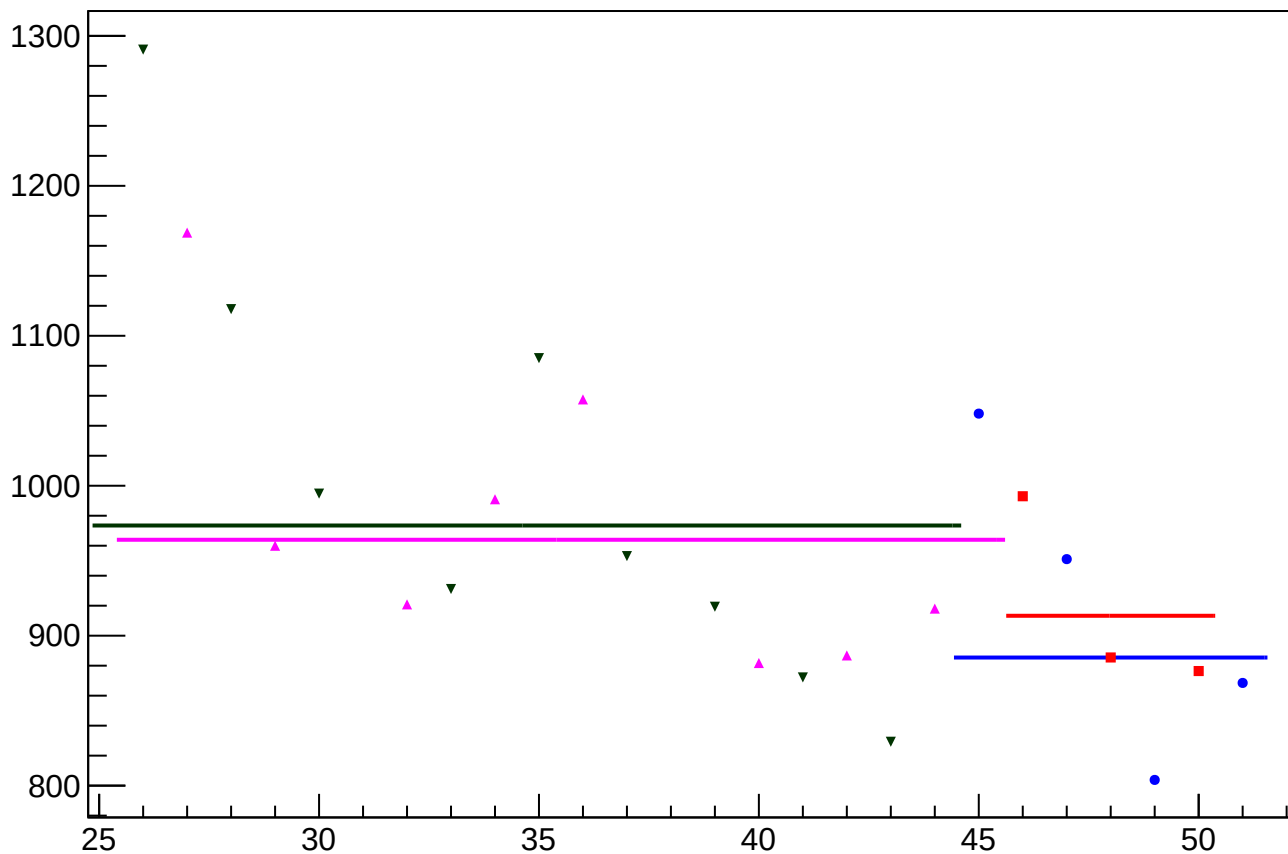
Left Out: 144.740+/-448.245 χ^2/NDF : 8.3/8

11.273+/-255.029 χ^2/NDF : 20.5/23

Right Out: -52.235+/-748.261 χ^2/NDF : 1.7/2

Left In: -89.559+/-431.788 χ^2/NDF : 8.2/7

asym_atr_dd_rms vs slug



Right In: 885.427+/-0.392 χ^2/NDF : 54166.3/3

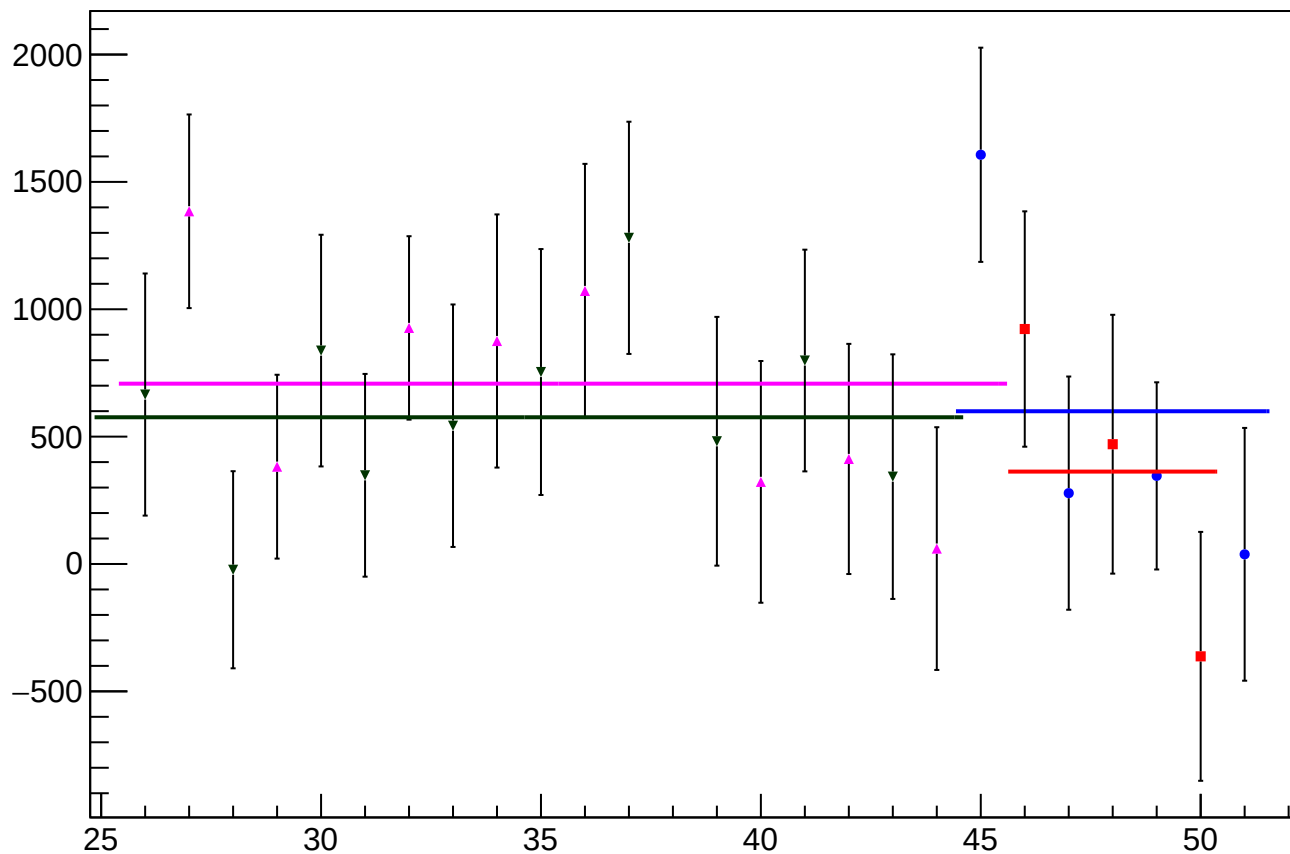
Left Out: 973.478+/-0.317 χ^2/NDF :143582.3/8

Right Out: 913.276+/-0.529 χ^2/NDF : 9405.6/2

Left In: 963.964+/-0.305 χ^2/NDF :82771.8/7

944.562+/-0.180 χ^2/NDF : 328503.2/23

reg_asym_at1_avg_mean vs slug



Right In: 599.630 $\pm$ 213.703 χ^2 /NDF: 8.0/3

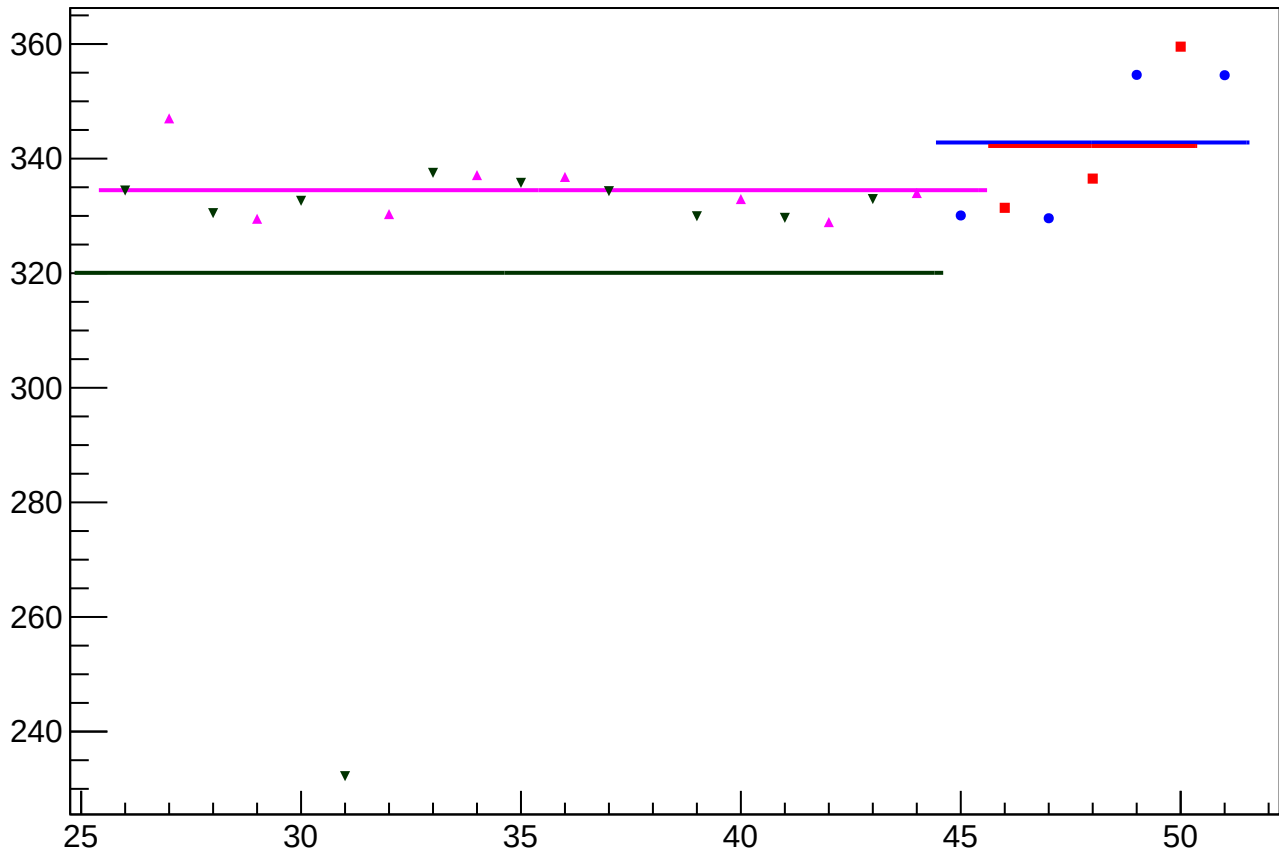
Left Out: 575.997 $\pm$ 142.011 χ^2 /NDF: 6.2/9

Right Out: 362.724 $\pm$ 280.085 χ^2 /NDF: 3.7/2

Left In: 707.882 $\pm$ 150.536 χ^2 /NDF: 7.9/7

604.189 $\pm$ 88.265 χ^2 /NDF: 27.0/24

reg_asym_at1_avg_rms vs slug



Right In: 342.814 $\pm$ 0.151 χ^2 /NDF: 6687.8/3

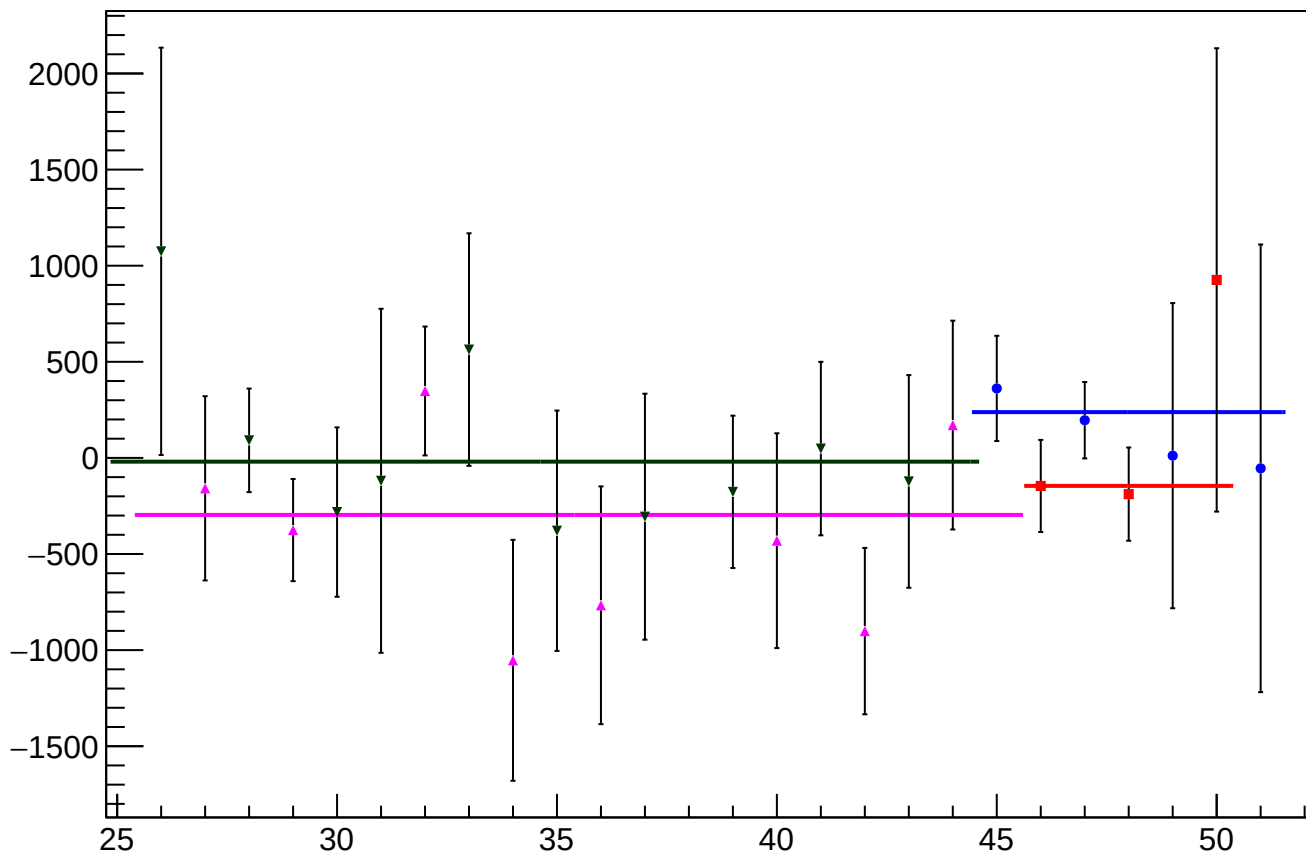
Left Out: 320.067 $\pm$ 0.100 χ^2 /NDF: 112253.2/9

331.105 $\pm$ 0.062 χ^2 /NDF: 148295.3/24

Right Out: 342.206 $\pm$ 0.198 χ^2 /NDF: 3860.7/2

Left In: 334.490 $\pm$ 0.106 χ^2 /NDF: 3253.4/7

asym_at1_avg_correction_mean vs slug



Right In: 238.206 $\pm$ 156.191 χ^2 /NDF: 0.4/3

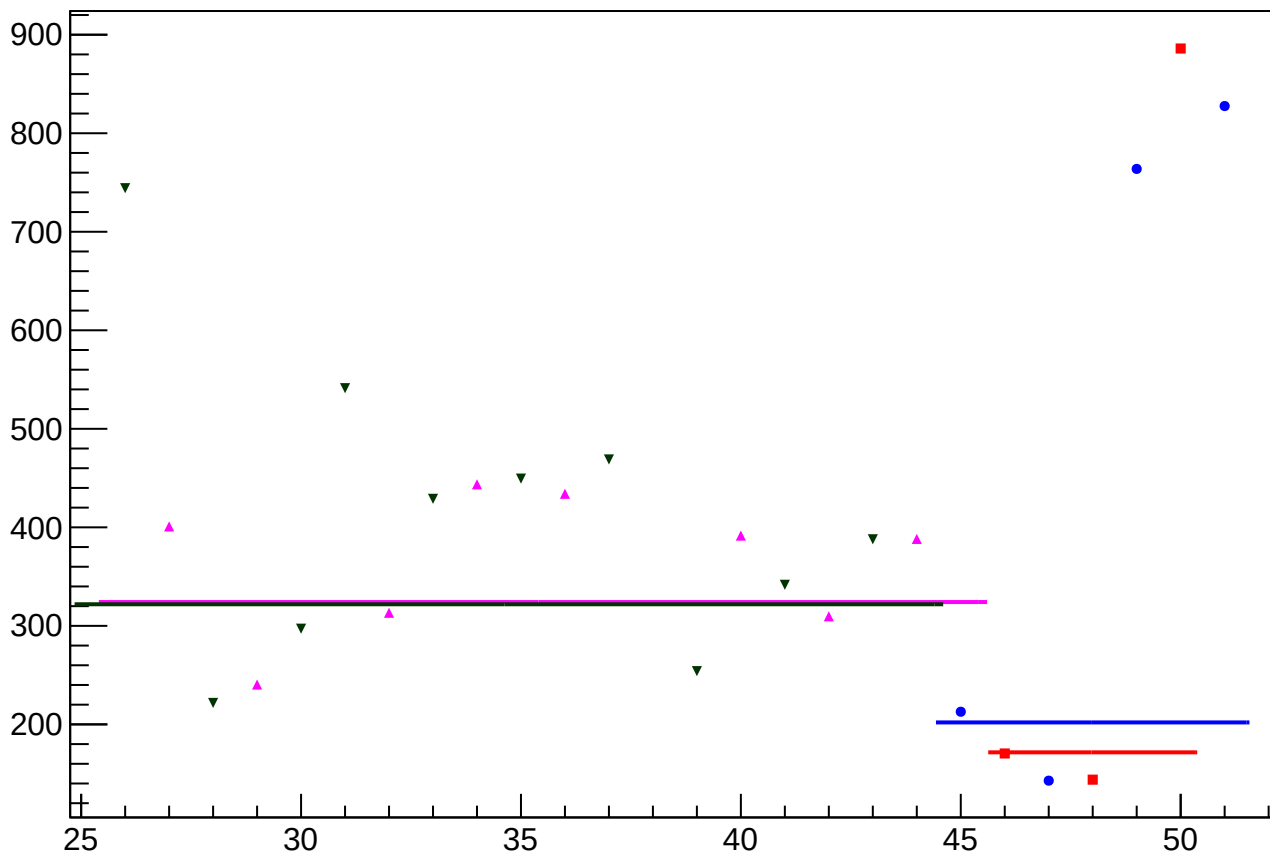
Left Out: -19.517 $\pm$ 151.896 χ^2 /NDF: 3.3/9

Right Out: -145.520 $\pm$ 168.785 χ^2 /NDF: 0.8/2

Left In: -296.652 $\pm$ 149.919 χ^2 /NDF: 8.7/7

-57.273 $\pm$ 78.104 χ^2 /NDF: 19.6/24

asym_at1_avg_correction_rms vs slug



Right In: 201.989+/-0.110 χ^2/NDF : 1758902.6/3

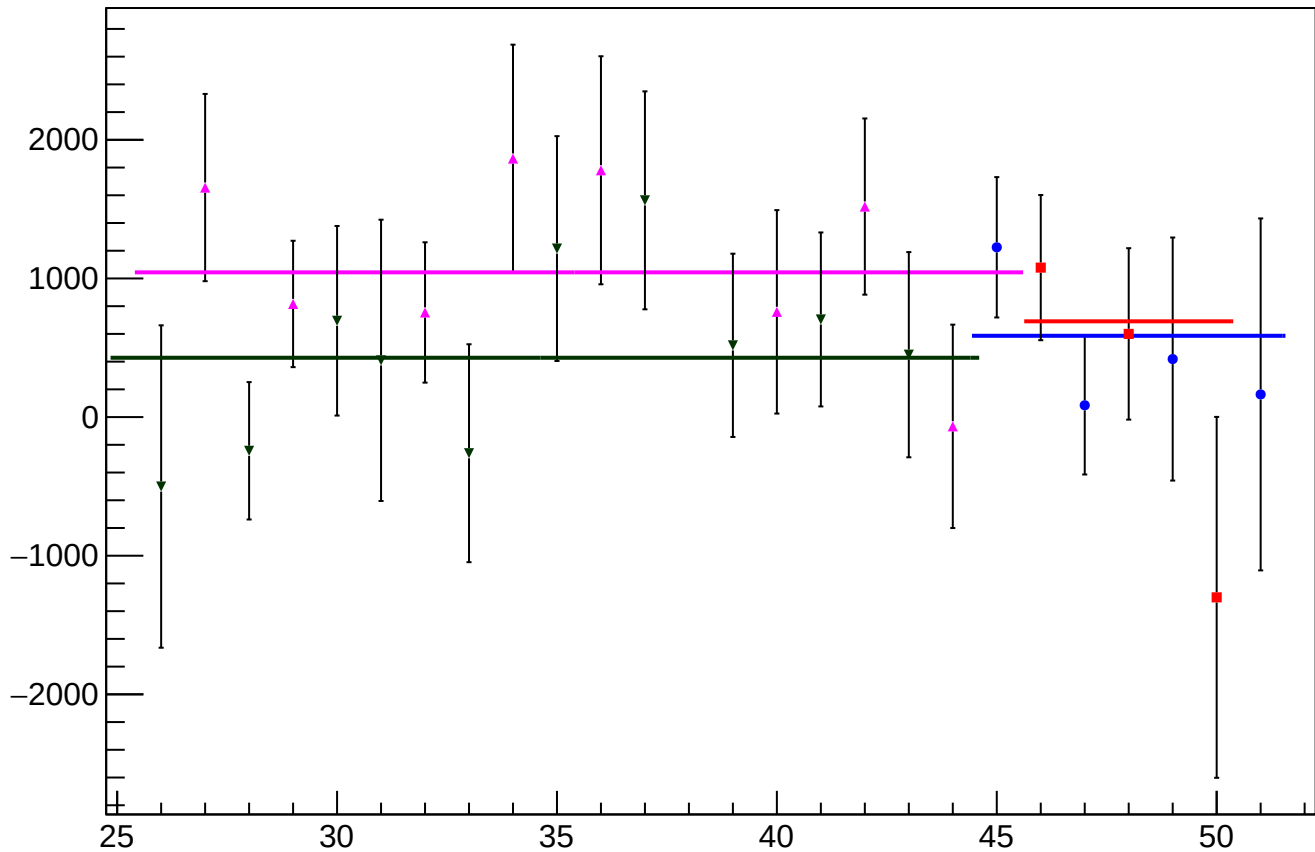
Left Out: 321.920+/-0.107 χ^2/NDF : 1062719.8/9

Right Out: 171.629+/-0.119 χ^2/NDF : 728678.4/2

Left In: 324.181+/-0.106 χ^2/NDF : 446819.9/7

260.362+/-0.055 χ^2/NDF : 5520120.2/24

asym_at1_avg_mean vs slug



Right In: 586.471+/-318.897 χ^2/NDF : 2.7/3

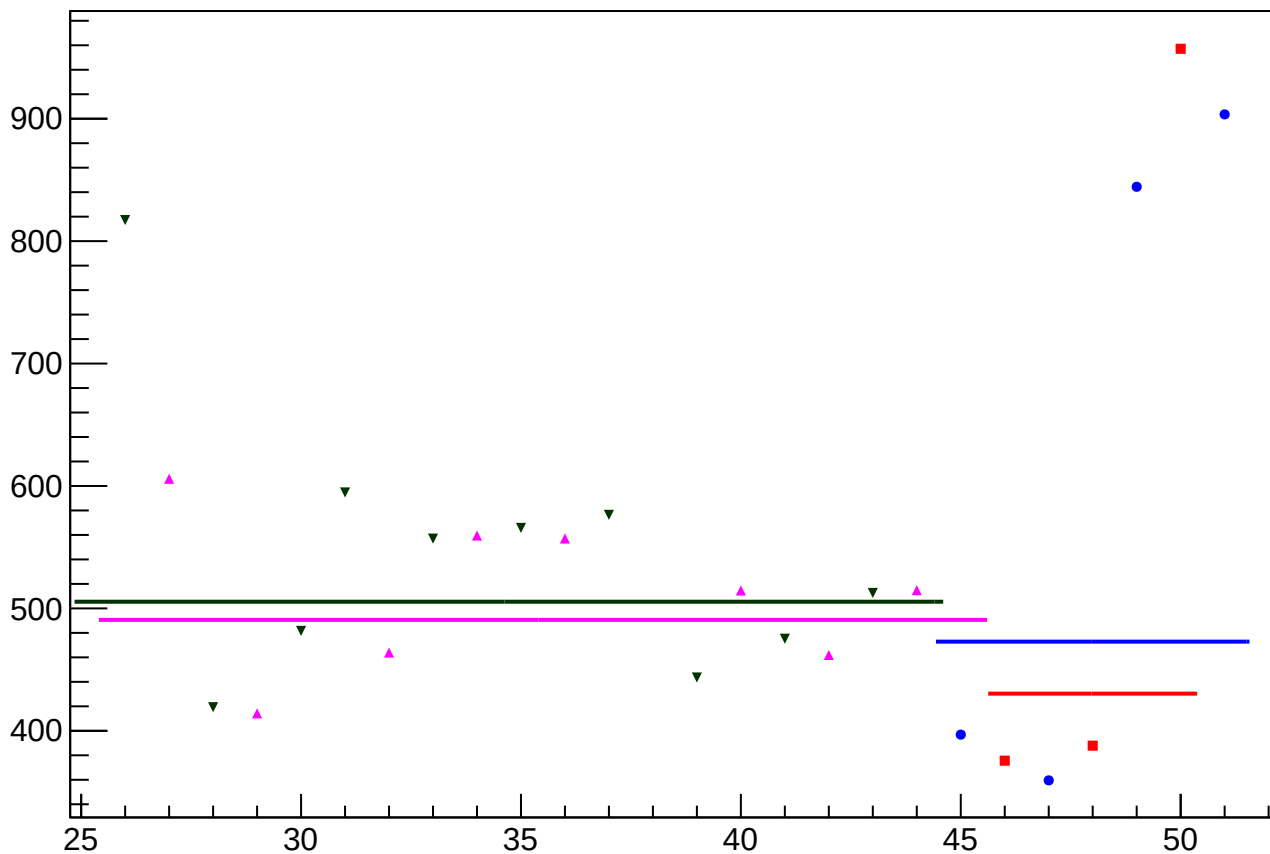
Left Out: 427.989+/-227.432 χ^2/NDF : 6.6/9

708.296+/-133.534 χ^2/NDF : 22.4/24

Right Out: 690.811+/-382.002 χ^2/NDF : 2.9/2

Left In: 1044.099+/-223.260 χ^2/NDF : 6.2/7

asym_at1_avg_rms vs slug



Right In: 472.844+/-0.225 χ^2/NDF : 737569.5/3

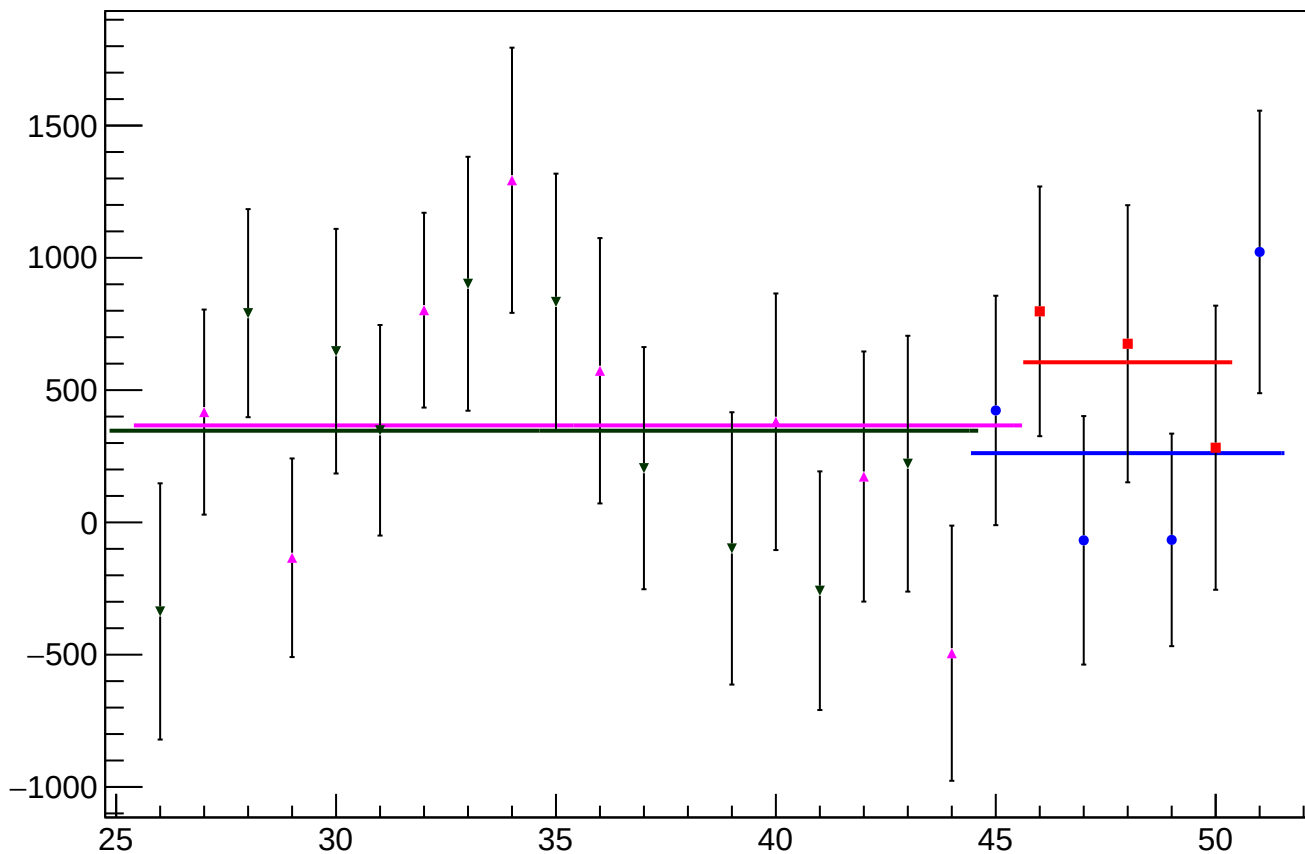
Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

Right Out: 430.362+/-0.270 χ^2/NDF : 358838.9/2

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

485.254+/-0.094 χ^2/NDF : 1593605.7/24

reg_asym_at1_dd_mean vs slug



Right In: 261.764 $\pm$ 226.118 χ^2 /NDF: 3.3/3

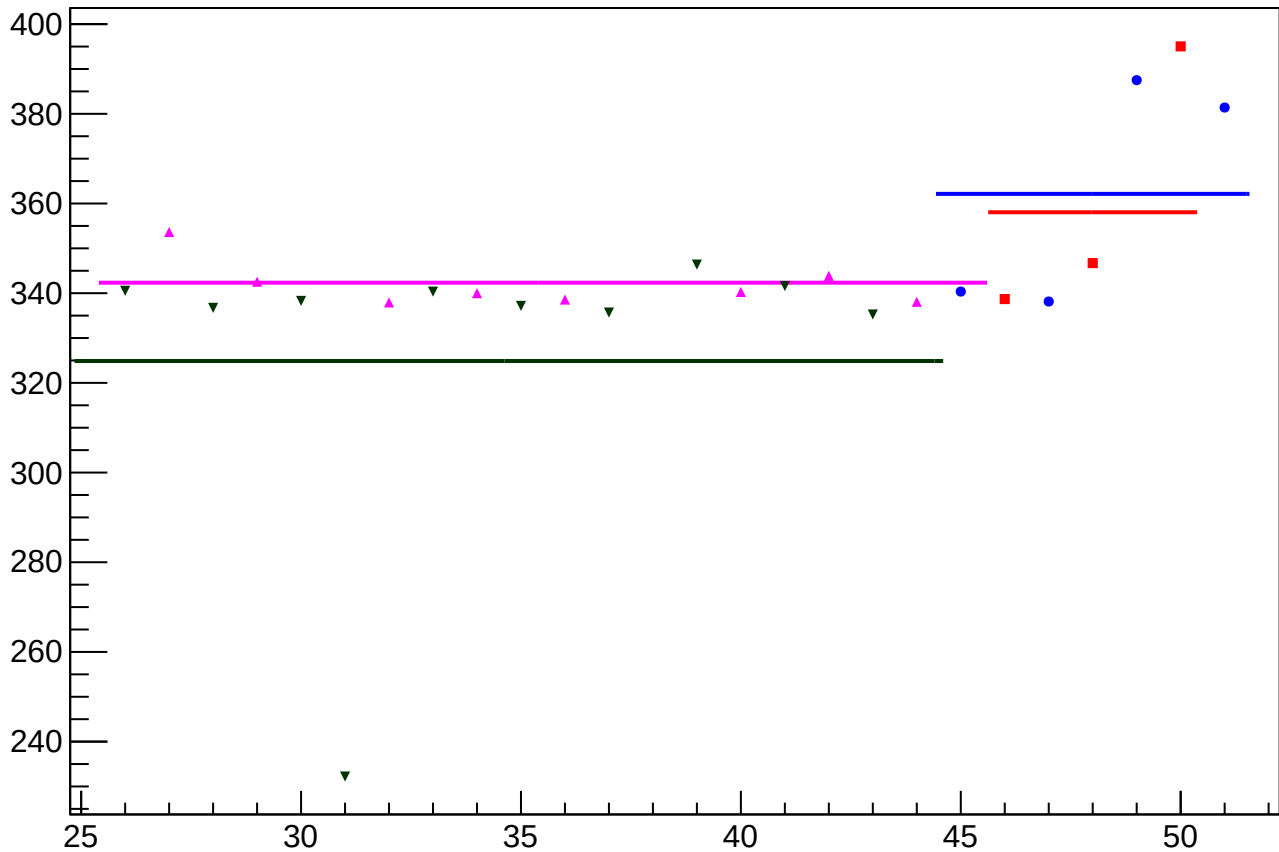
Left Out: 346.550 $\pm$ 144.244 χ^2 /NDF:8.7/9

Right Out: 605.223 $\pm$ 293.565 χ^2 /NDF: 0.5/2

Left In: 366.596 $\pm$ 154.091 χ^2 /NDF:10.1/7

364.578 $\pm$ 90.782 χ^2 /NDF: 23.6/24

reg_asym_at1_dd_rms vs slug



Right In: 362.149+/-0.160 χ^2/NDF : 20848.7/3

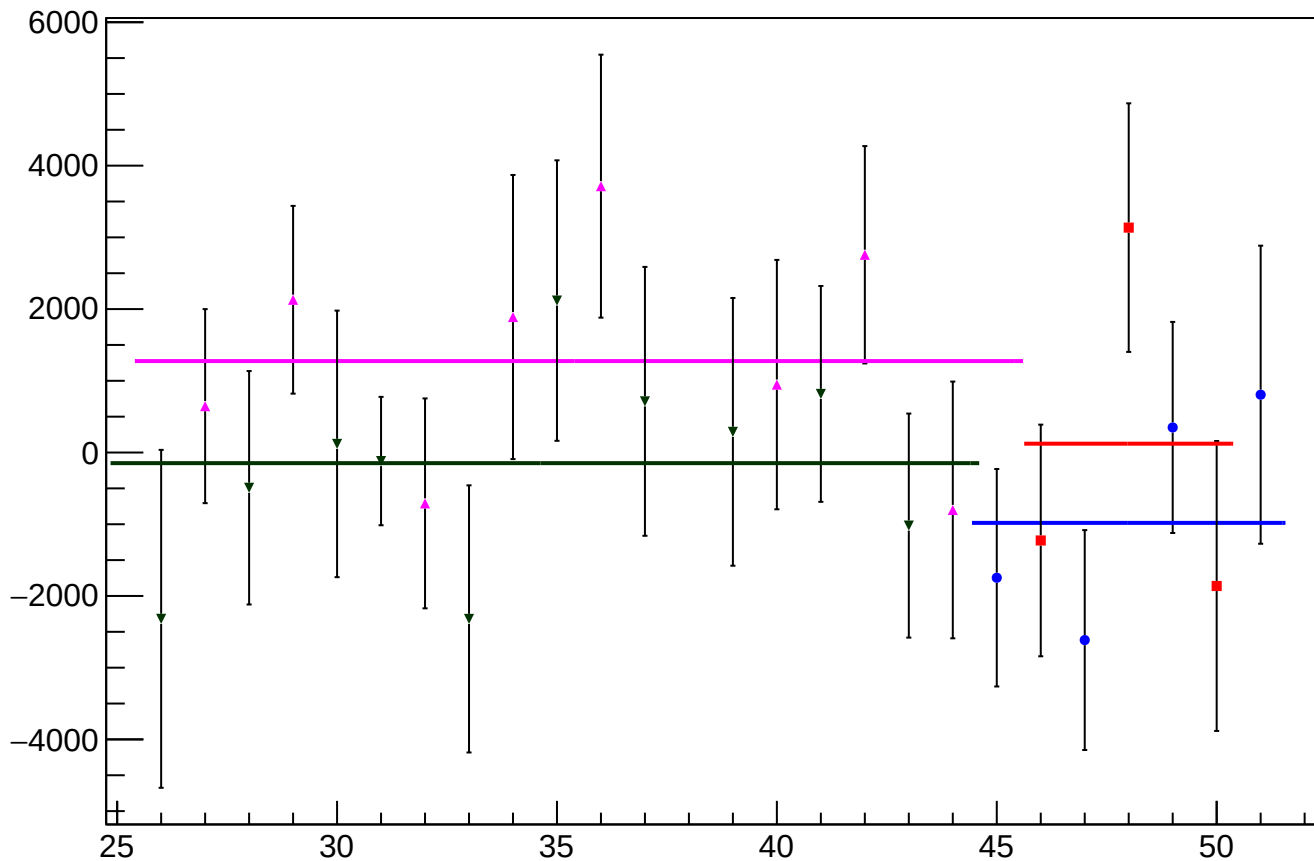
Left Out: 324.874+/-0.102 χ^2/NDF : 125663.8/9

Right Out: 358.050+/-0.208 χ^2/NDF : 13794.8/2

Left In: 342.341+/-0.109 χ^2/NDF : 2355.7/7

340.118+/-0.064 χ^2/NDF : 211864.0/24

asym_at1_dd_correction_mean vs slug



Right In: -980.972 ± 802.213 $\chi^2/\text{NDF}: 2.9/3$

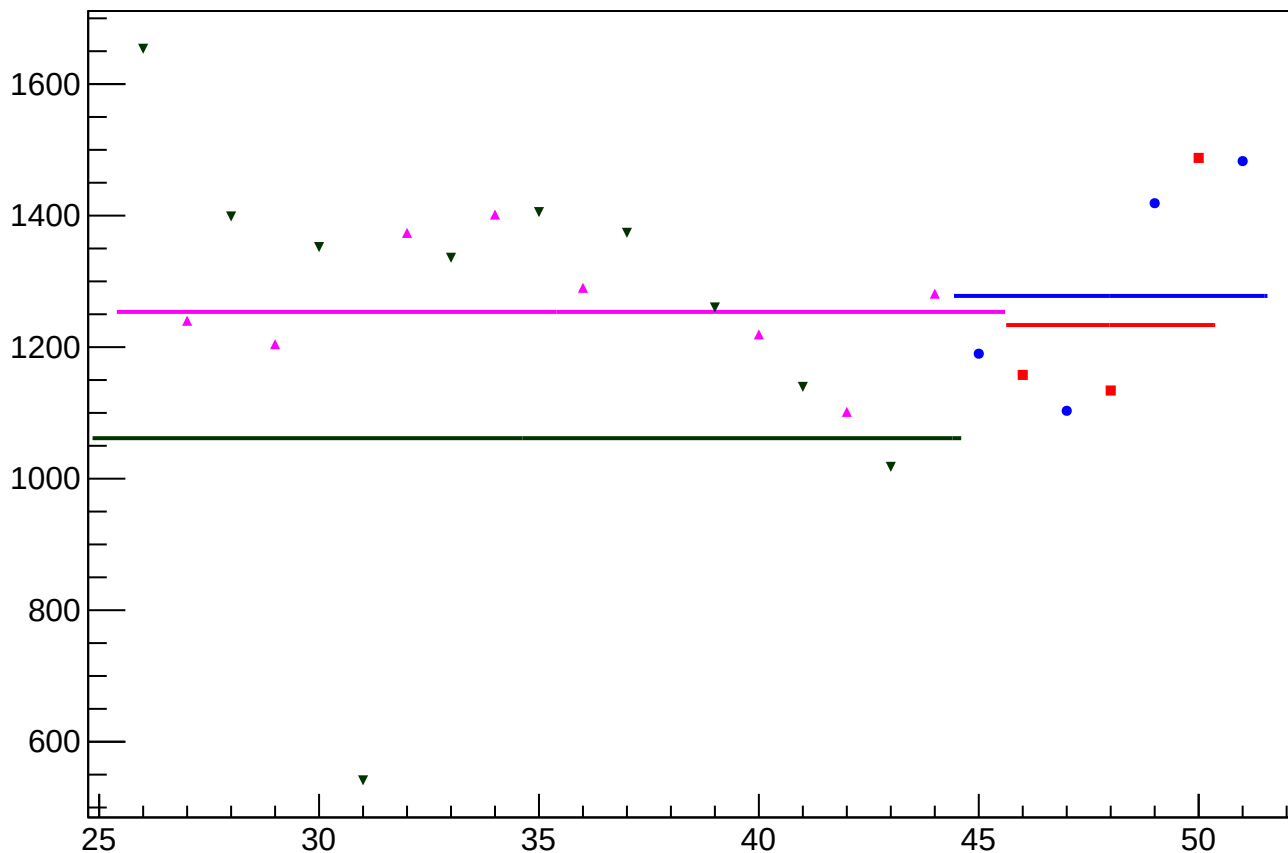
Left Out: -148.157 ± 495.767 $\chi^2/\text{NDF}: 4.6/9$

Right Out: 123.224 ± 1020.036 $\chi^2/\text{NDF}: 4.7/2$

Left In: 1275.202 ± 556.603 $\chi^2/\text{NDF}: 6.7/7$

214.794 ± 319.253 $\chi^2/\text{NDF}: 25.3/24$

asym_at1_dd_correction_rms vs slug



Right In: 1277.894+/-0.567 χ^2/NDF : 70498.5/3

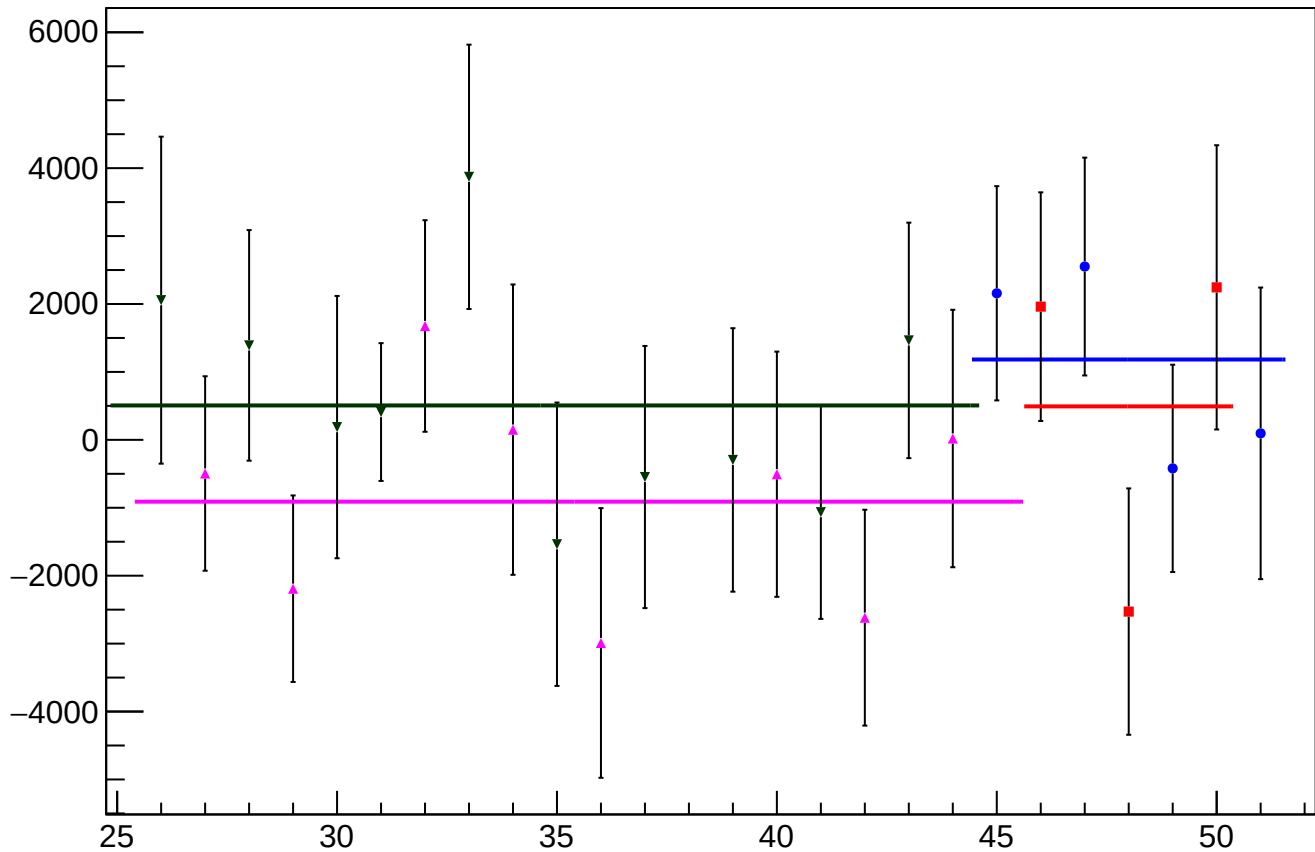
Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

Right Out: 1233.585+/-0.721 χ^2/NDF : 42626.2/2

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

1175.847+/-0.226 χ^2/NDF : 1474311.8/24

asym_at1_dd_mean vs slug



Right In: 1182.925 $\pm$ 834.093 χ^2 /NDF: 2.5/3

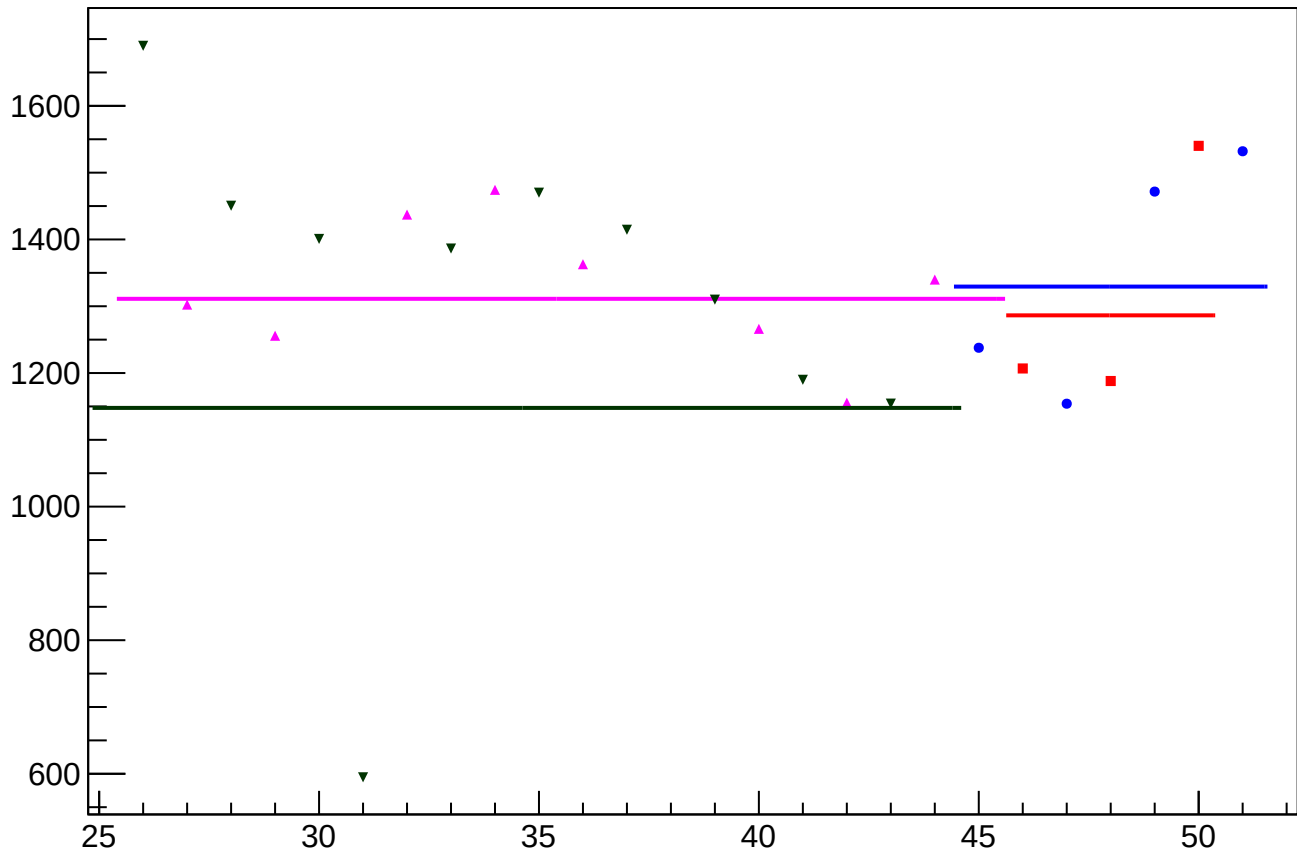
Left Out: 506.383 $\pm$ 532.571 χ^2 /NDF: 6.4/9

148.384 $\pm$ 338.384 χ^2 /NDF: 25.0/24

Right Out: 492.660 $\pm$ 1062.701 χ^2 /NDF: 4.2/2

Left In: -910.298 $\pm$ 588.767 χ^2 /NDF: 6.5/7

asym_at1_dd_rms vs slug



Right In: 1329.437+/-0.590 χ^2/NDF : 65852.1/3

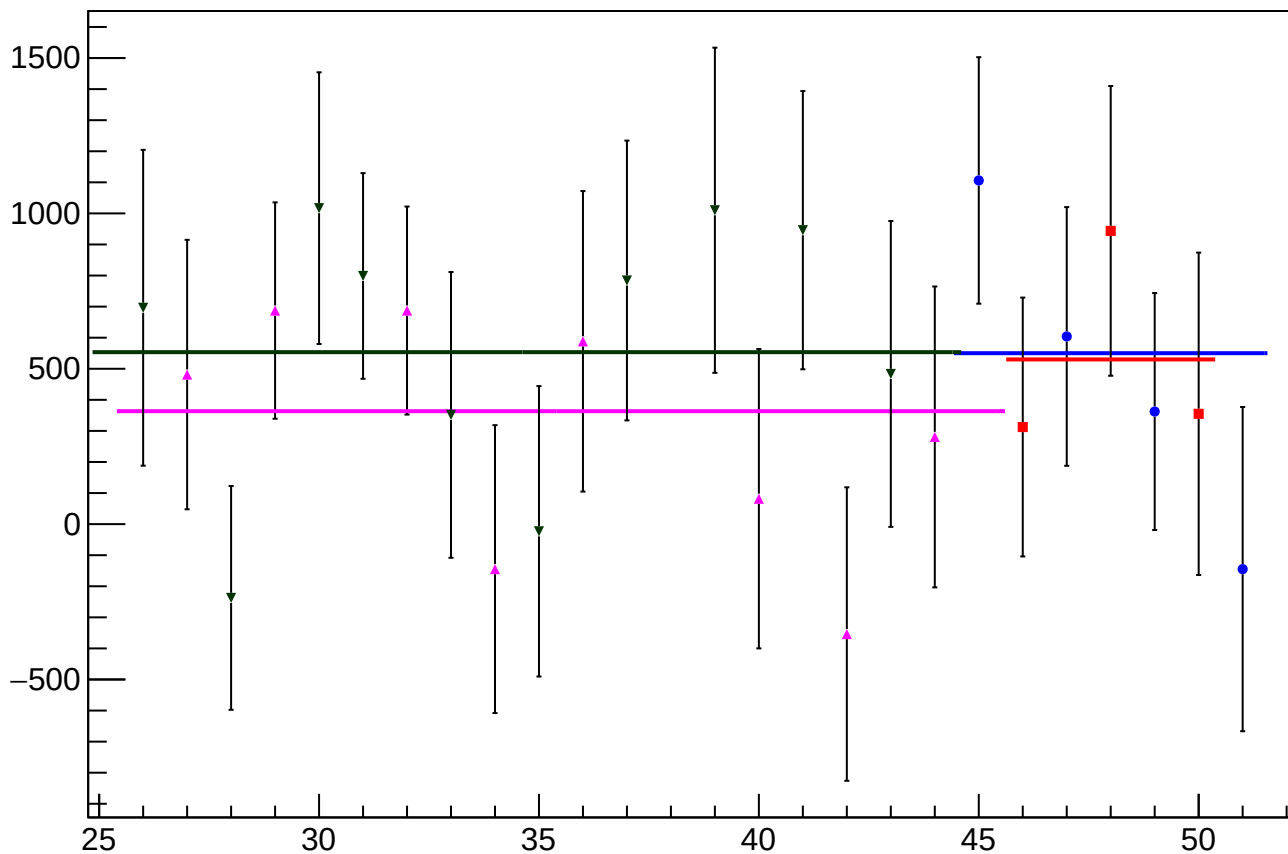
Left Out: 1147.792+/-0.377 χ^2/NDF : 925332.5/9

Right Out: 1286.370+/-0.751 χ^2/NDF : 39762.4/2

Left In: 1311.120+/-0.416 χ^2/NDF : 50316.6/7

1245.689+/-0.239 χ^2/NDF : 1196636.8/24

reg_asym_at2_avg_mean vs slug



Right In: 550.126+/-209.996 χ^2/NDF : 4.0/3

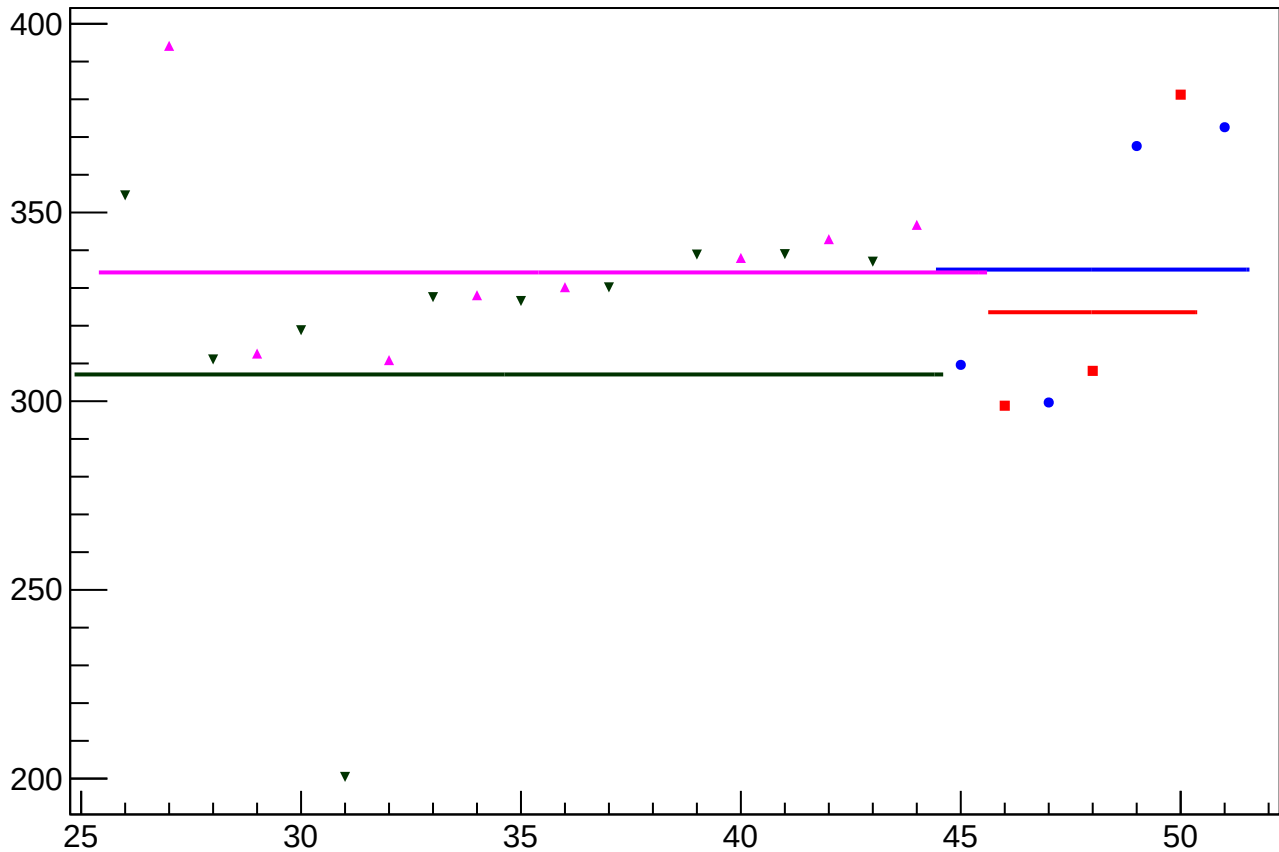
Left Out: 553.456+/-137.422 χ^2/NDF :10.1/9

Right Out: 529.959+/-266.480 χ^2/NDF : 1.2/2

Left In: 363.466+/-149.927 χ^2/NDF :6.0/7

487.445+/-86.323 χ^2/NDF : 22.3/24

reg_asym_at2_avg_rms vs slug



Right In: 334.878+/-0.148 χ^2/NDF : 47612.4/3

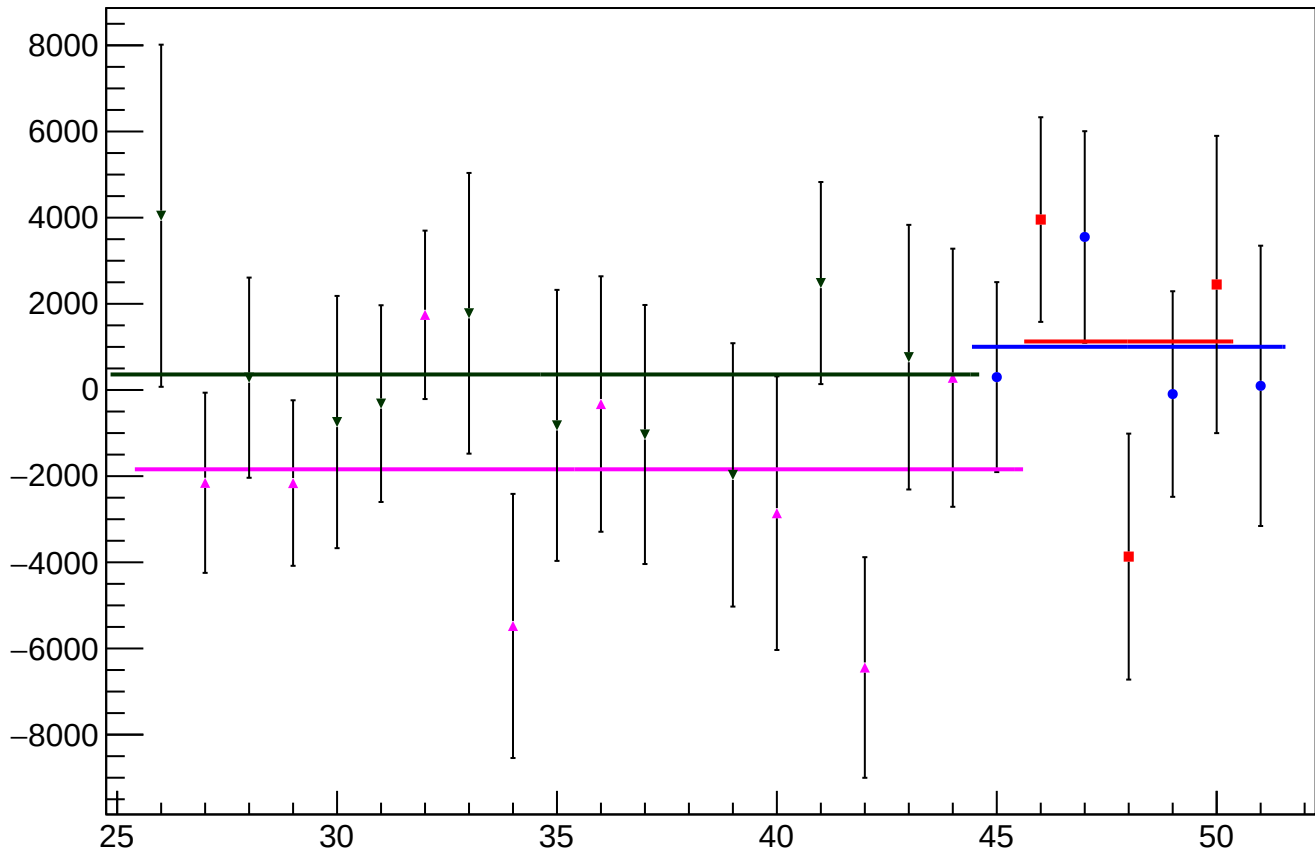
Left Out: 307.088+/-0.097 χ^2/NDF : 264389.0/9

Right Out: 323.575+/-0.188 χ^2/NDF : 33999.4/2

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

322.475+/-0.061 χ^2/NDF : 448414.2/24

asym_at2_avg_correction_mean vs slug



Right In: 1002.673+/-1248.212 χ^2/NDF : 1.5/3

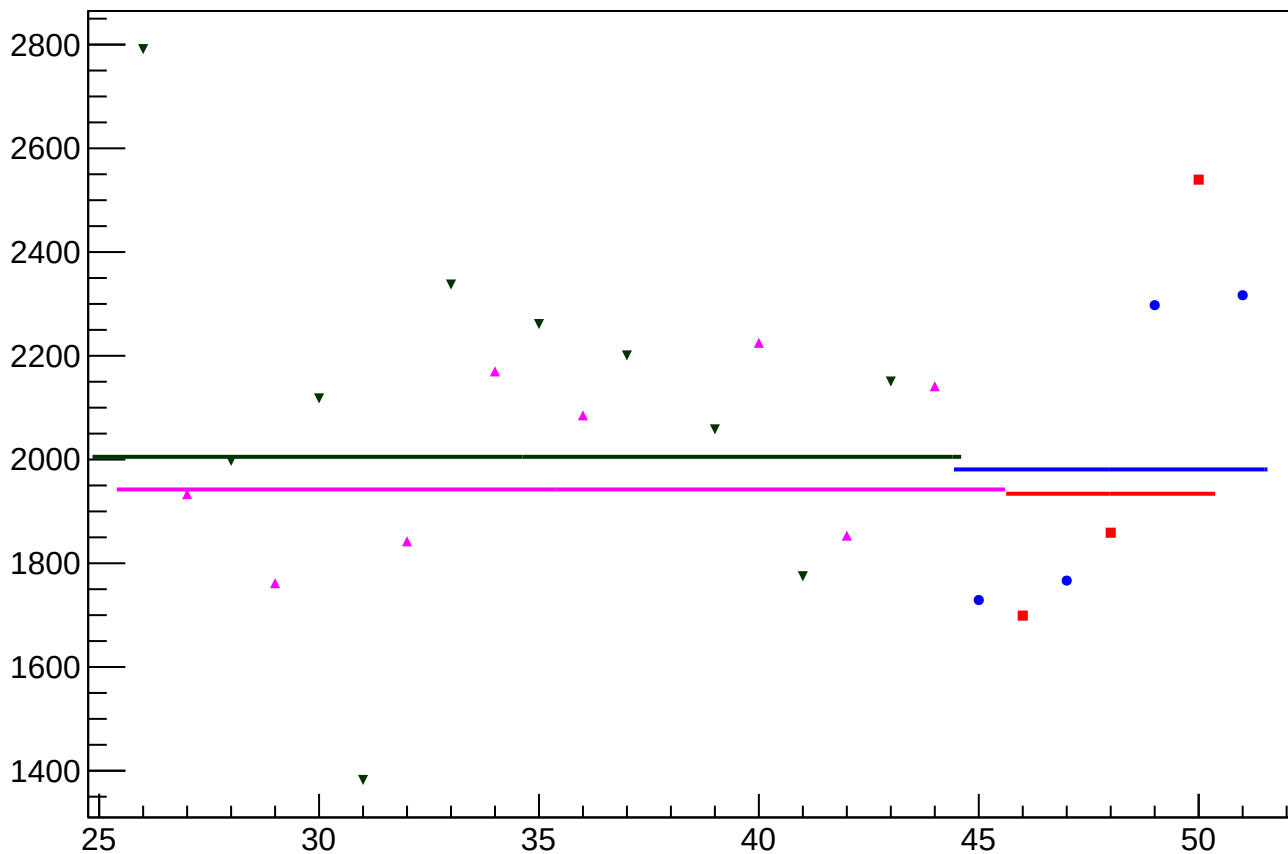
Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

-260.782+/-524.983 χ^2/NDF : 23.7/24

Right Out: 1125.992+/-1613.711 χ^2/NDF : 4.6/2

Left In: -1841.139+/-862.403 χ^2/NDF : 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1980.909 $\pm$ 0.883 χ^2 /NDF: 97884.1/3

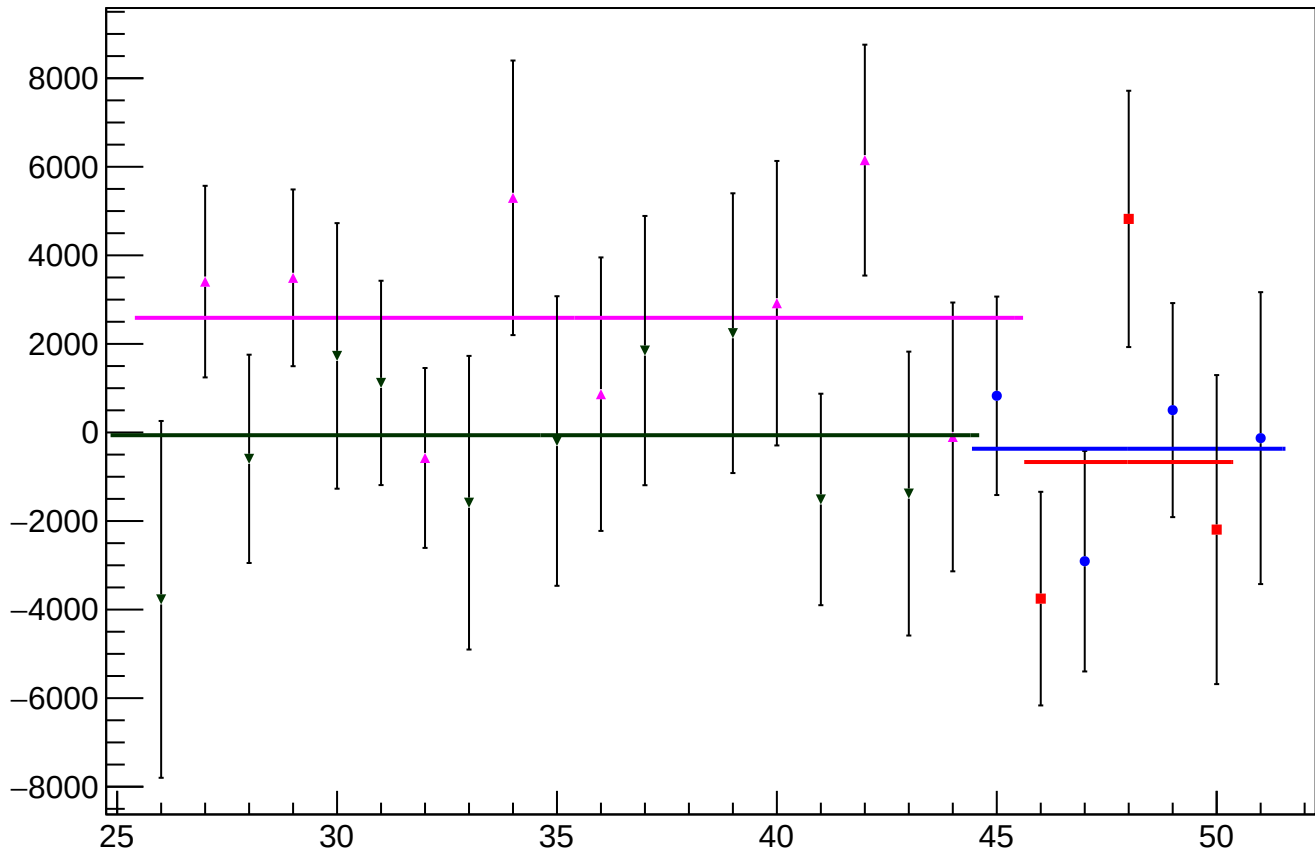
Left Out: 2005.233 $\pm$ 0.630 χ^2 /NDF: 297094.3/9

Right Out: 1934.072 $\pm$ 1.141 χ^2 /NDF: 82582.0/2

Left In: 1942.323 $\pm$ 0.610 χ^2 /NDF: 65741.6/7

1970.086 $\pm$ 0.371 χ^2 /NDF: 549629.1/24

asym_at2_avg_mean vs slug



Right In: -367.602+/-1266.297 χ^2/NDF : 1.5/3

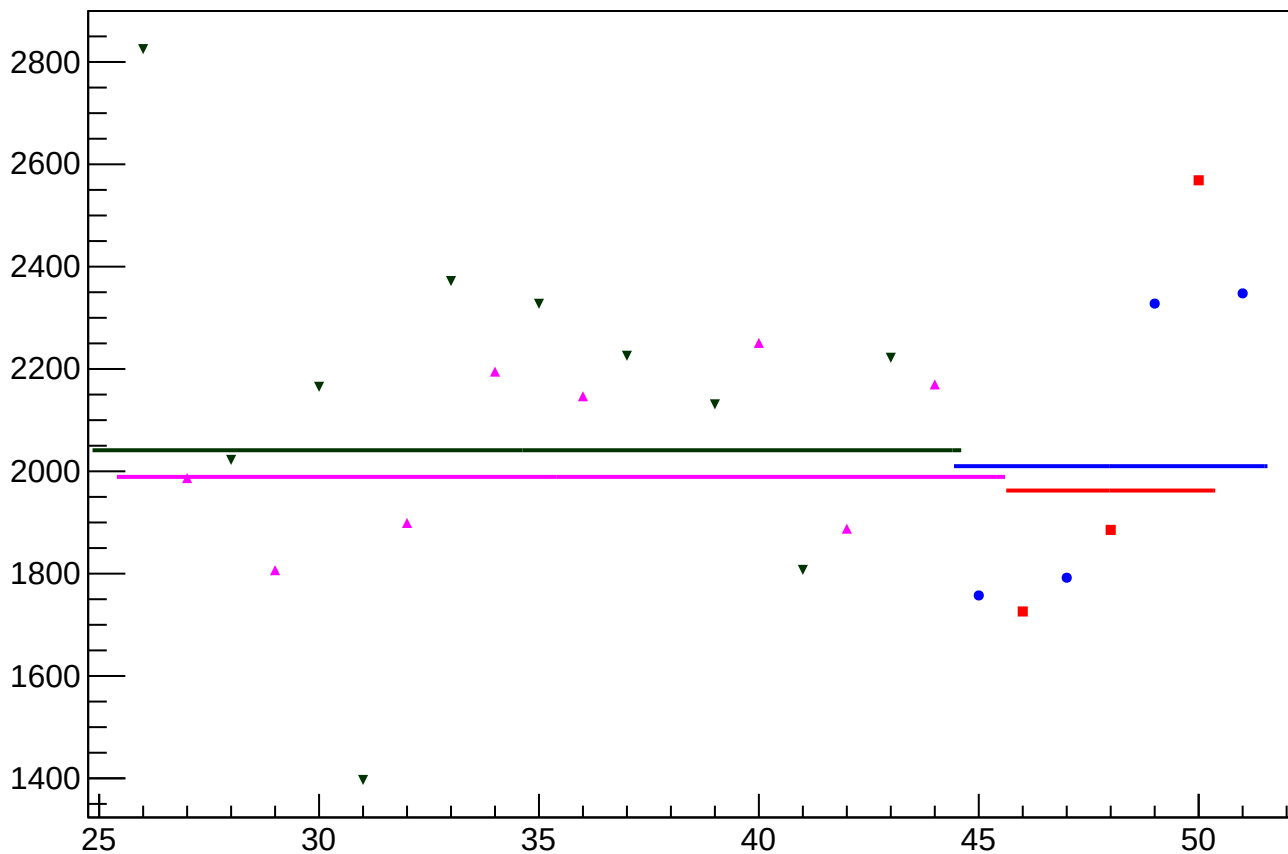
Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

786.420+/-536.645 χ^2/NDF : 23.2/24

Right Out: -667.537+/-1636.570 χ^2/NDF : 5.4/2

Left In: 2588.988+/-887.904 χ^2/NDF : 6.5/7

asym_at2_avg_rms vs slug



Right In: 2010.048 $\pm$ 0.895 χ^2 /NDF: 96311.5/3

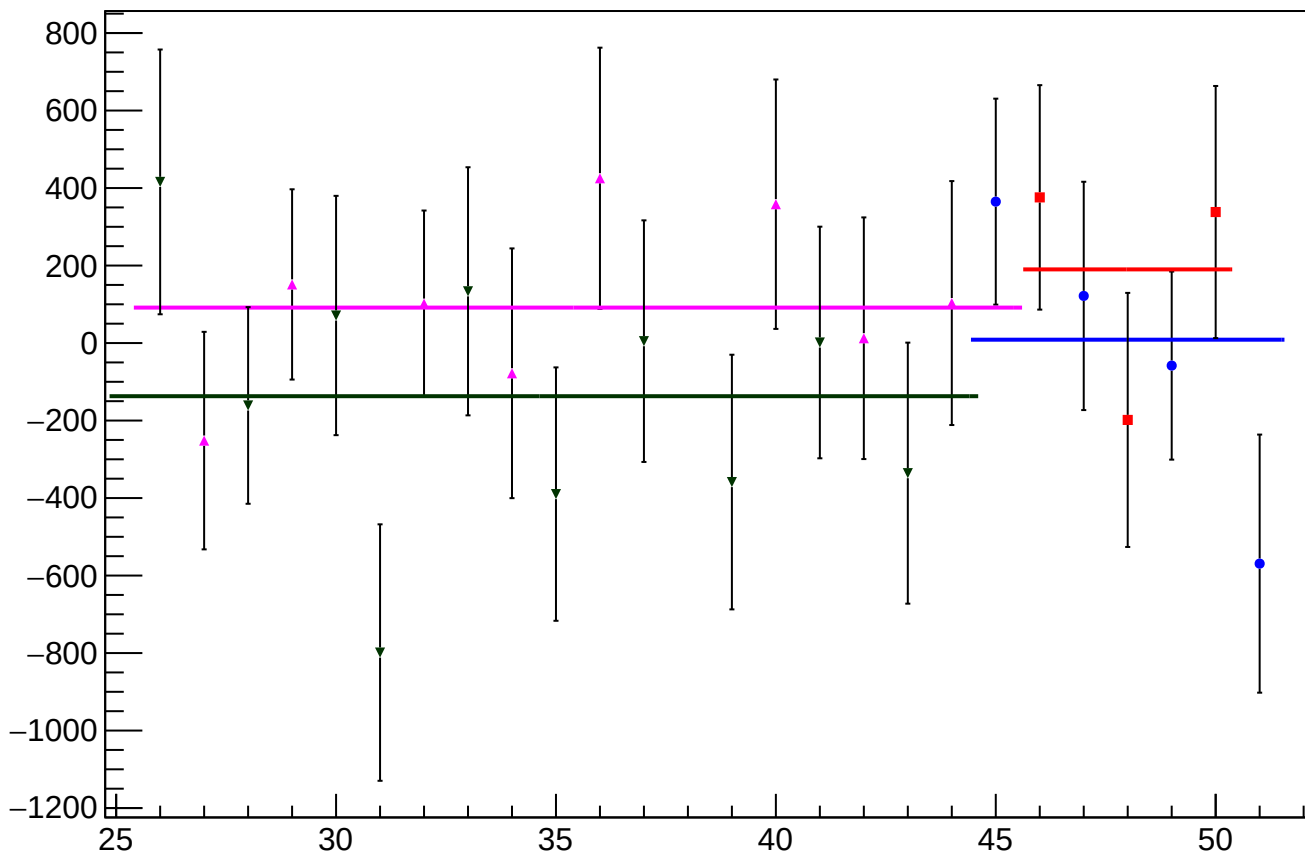
Left Out: 2041.174 $\pm$ 0.644 χ^2 /NDF: 305006.8/9

Right Out: 1962.419 $\pm$ 1.157 χ^2 /NDF: 81000.3/2

Left In: 1989.103 $\pm$ 0.628 χ^2 /NDF: 58029.8/7

2008.095 $\pm$ 0.379 χ^2 /NDF: 545467.5/24

reg_asym_at2_dd_mean vs slug



Right In: 8.668 ± 139.099 χ^2/NDF : 5.0/3

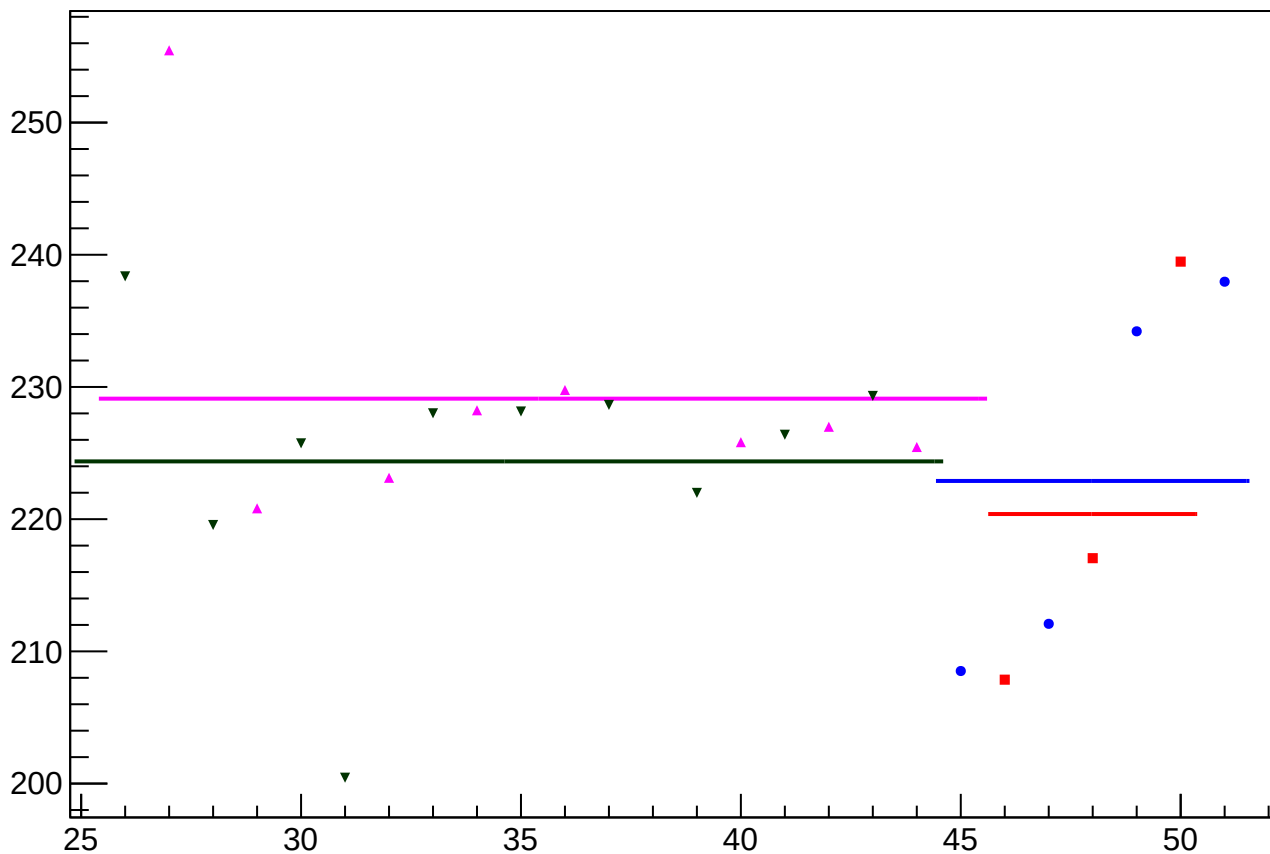
Left Out: -137.146 ± 98.824 χ^2/NDF : 9.6/9

3.342 ± 59.780 χ^2/NDF : 24.1/24

Right Out: 190.075 ± 180.552 χ^2/NDF : 2.0/2

Left In: 91.498 ± 102.557 χ^2/NDF : 3.6/7

reg_asym_at2_dd_rms vs slug



Right In: 222.891+/-0.098 χ^2/NDF : 16993.2/3

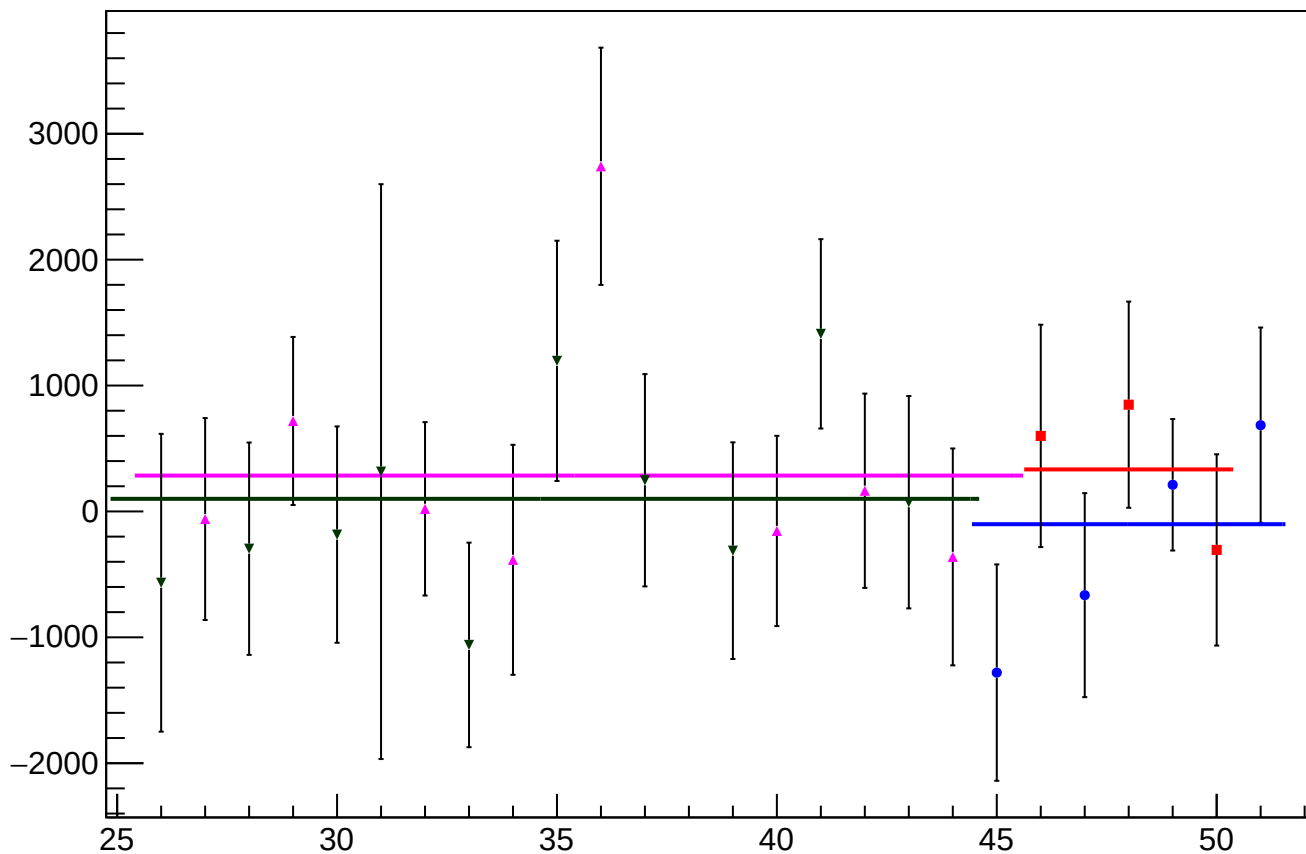
Left Out: 224.370+/-0.070 χ^2/NDF : 16099.6/9

Right Out: 220.388+/-0.128 χ^2/NDF : 10840.4/2

Left In: 229.116+/-0.073 χ^2/NDF : 21747.0/7

225.273+/-0.042 χ^2/NDF : 70705.5/24

asym_at2_dd_correction_mean vs slug



Right In: -101.439+/-349.066 χ^2/NDF : 3.8/3

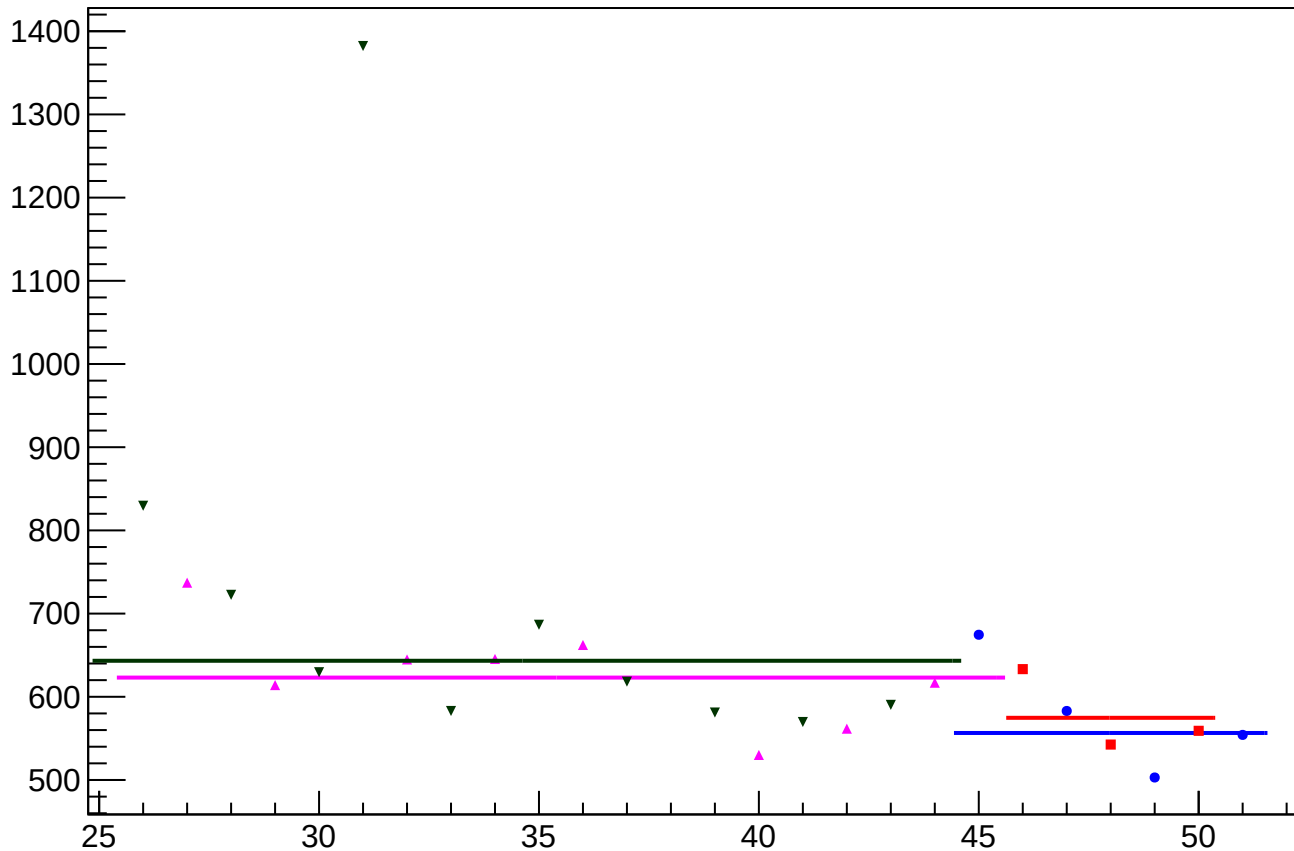
Left Out: 100.061+/-286.186 χ^2/NDF : 7.3/9

Right Out: 333.733+/-471.093 χ^2/NDF : 1.2/2

Left In: 284.973+/-277.238 χ^2/NDF : 9.0/7

147.645+/-162.364 χ^2/NDF : 22.2/24

asym_at2_dd_correction_rms vs slug



Right In: 556.508+/-0.247 χ^2/NDF : 60899.2/3

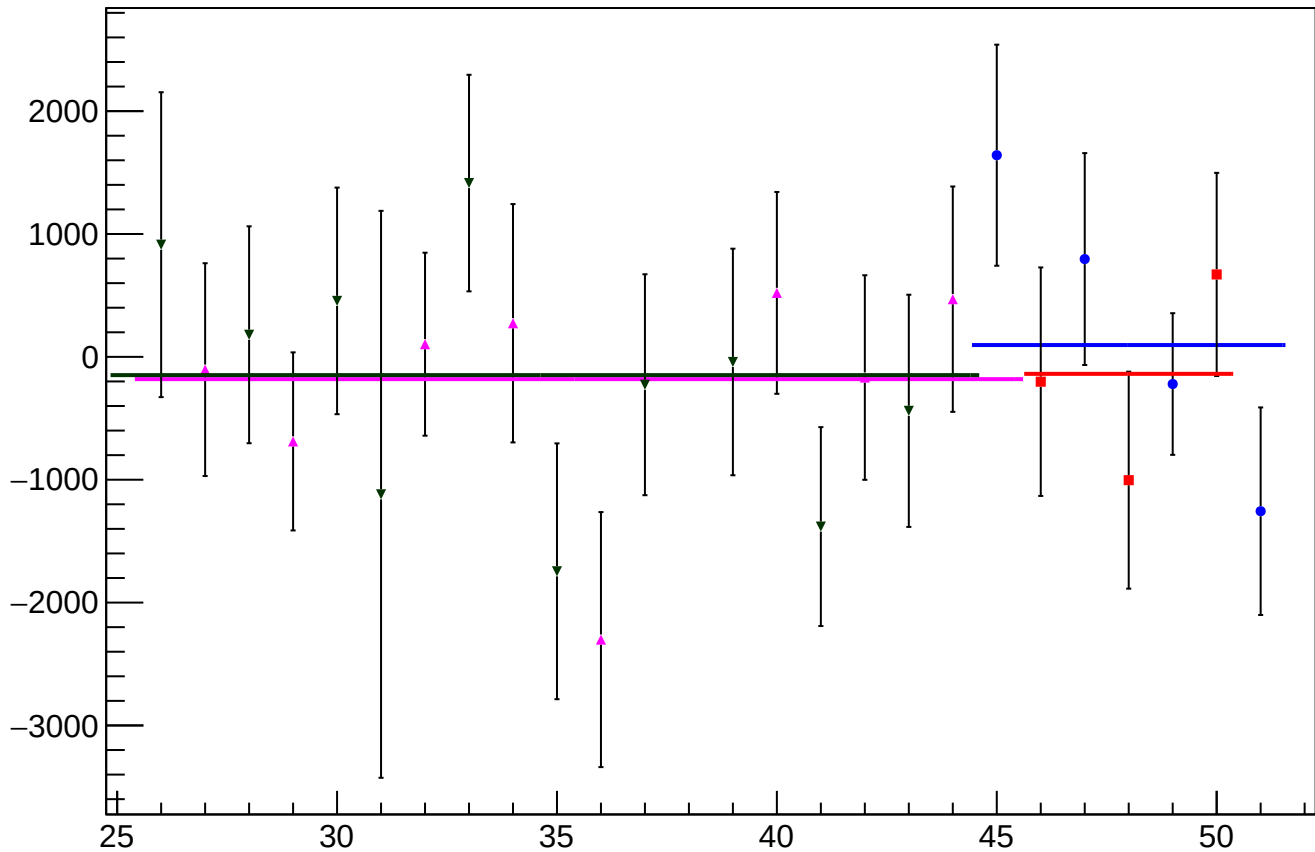
Left Out: 643.291+/-0.202 χ^2/NDF : 331702.9/9

Right Out: 574.733+/-0.333 χ^2/NDF : 12707.1/2

Left In: 623.079+/-0.196 χ^2/NDF : 90546.3/7

609.439+/-0.115 χ^2/NDF : 585522.9/24

asym_at2_dd_mean vs slug



Right In: 96.163+/-378.182 χ^2/NDF : 6.5/3

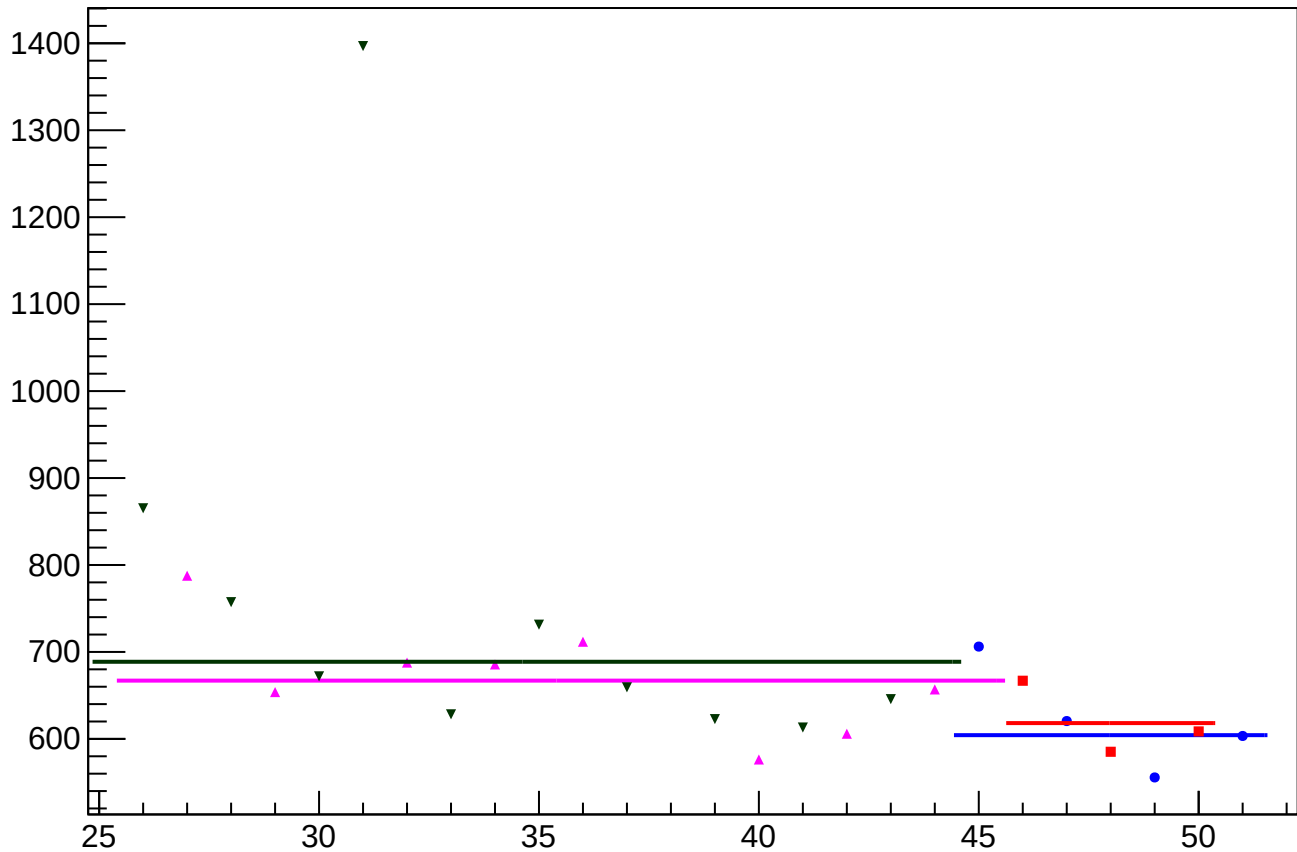
Left Out: -148.570+/-307.642 χ^2/NDF : 9.4/9

-106.067+/-175.127 χ^2/NDF : 24.4/24

Right Out: -138.269+/-506.257 χ^2/NDF : 1.9/2

Left In: -181.362+/-299.528 χ^2/NDF : 6.3/7

asym_at2_dd_rms vs slug



Right In: 604.296+/-0.267 χ^2/NDF : 40582.2/3

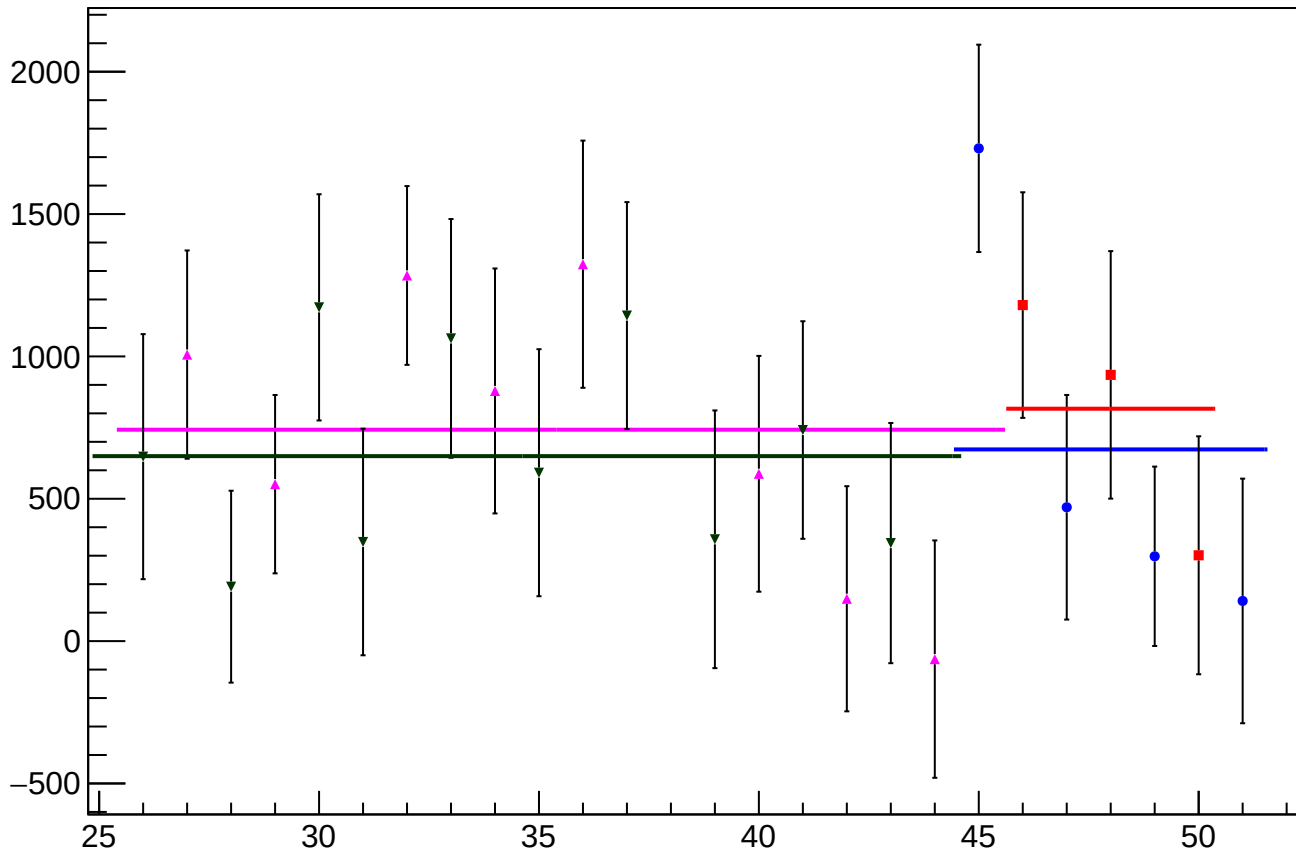
Left Out: 688.695+/-0.218 χ^2/NDF : 288286.6/9

Right Out: 618.176+/-0.358 χ^2/NDF : 8547.3/2

Left In: 667.019+/-0.212 χ^2/NDF : 80872.1/7

654.748+/-0.124 χ^2/NDF : 492030.2/24

reg_asym_atl1r2_avg_mean vs slug



Right In: 673.322 ± 184.242 $\chi^2/\text{NDF}: 11.7/3$

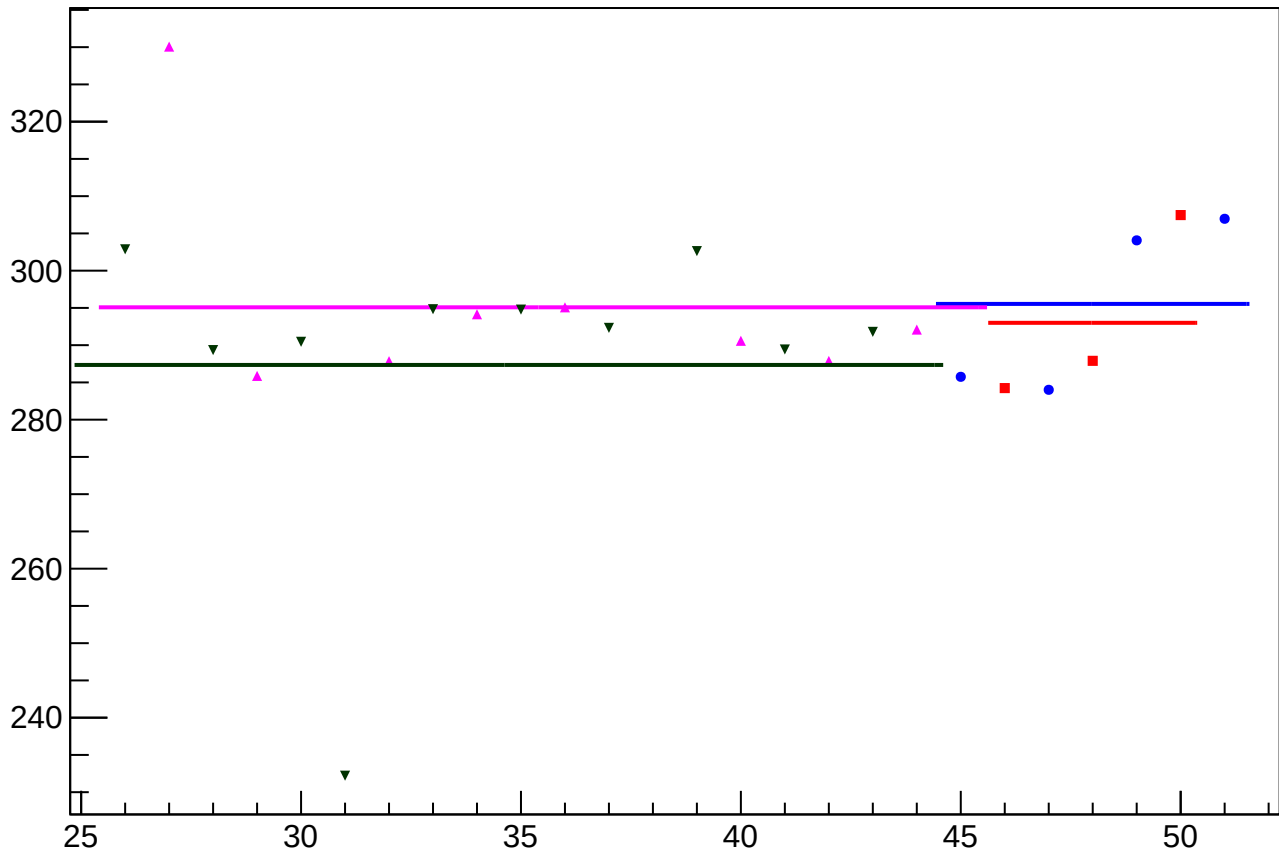
Left Out: 649.704 ± 127.513 $\chi^2/\text{NDF}: 7.7/9$

703.325 ± 77.886 $\chi^2/\text{NDF}: 34.2/24$

Right Out: 816.294 ± 239.816 $\chi^2/\text{NDF}: 2.4/2$

Left In: 742.570 ± 133.039 $\chi^2/\text{NDF}: 11.9/7$

reg_asym_atl1r2_avg_rms vs slug



Right In: 295.538 $\pm$ 0.130 χ^2 /NDF: 6033.8/3

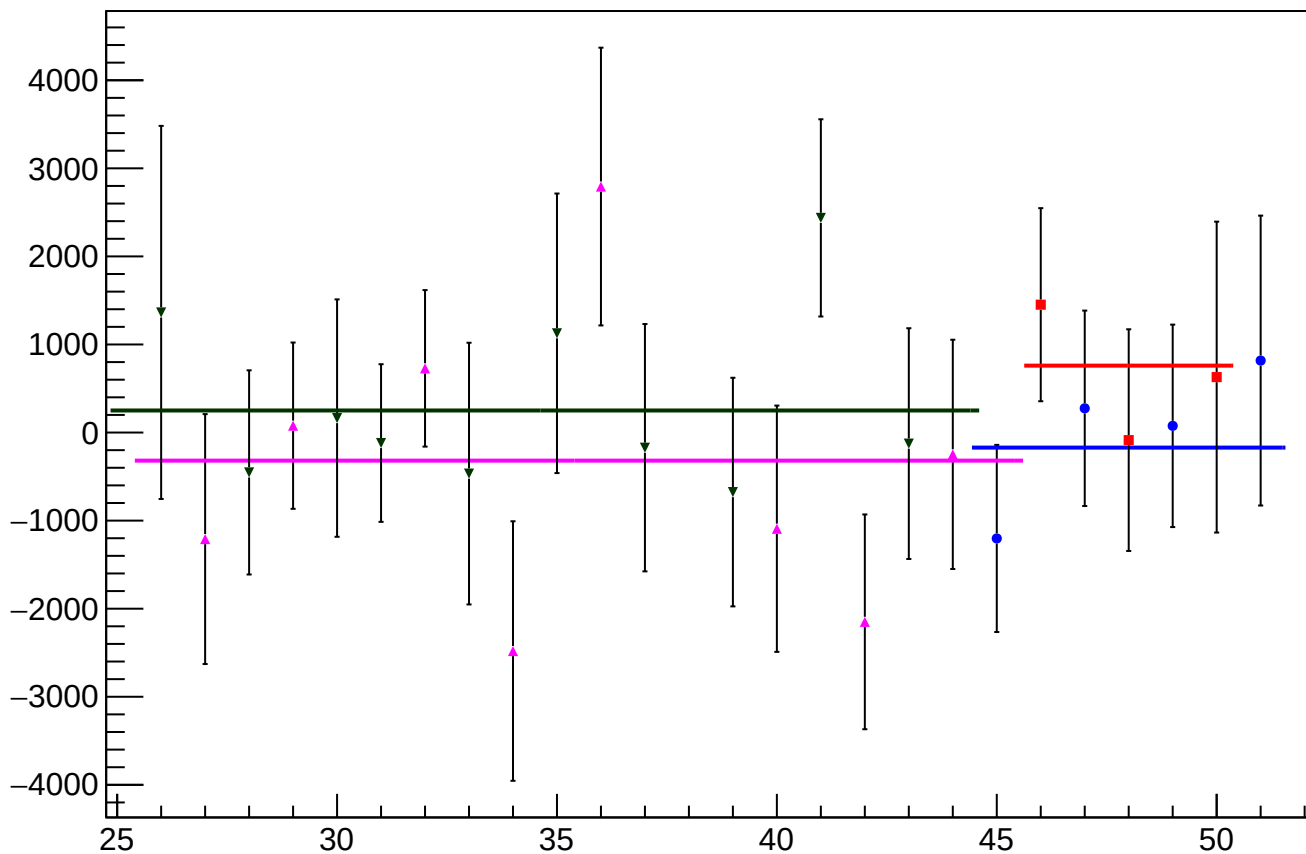
Left Out: 287.345 $\pm$ 0.090 χ^2 /NDF: 45272.0/9

Right Out: 293.000 $\pm$ 0.170 χ^2 /NDF: 3648.4/2

Left In: 295.081 $\pm$ 0.094 χ^2 /NDF: 22103.3/7

292.057 $\pm$ 0.055 χ^2 /NDF: 81566.0/24

asym_atl1r2_avg_correction_mean vs slug



Right In: -170.923+/-595.005 χ^2/NDF : 1.5/3

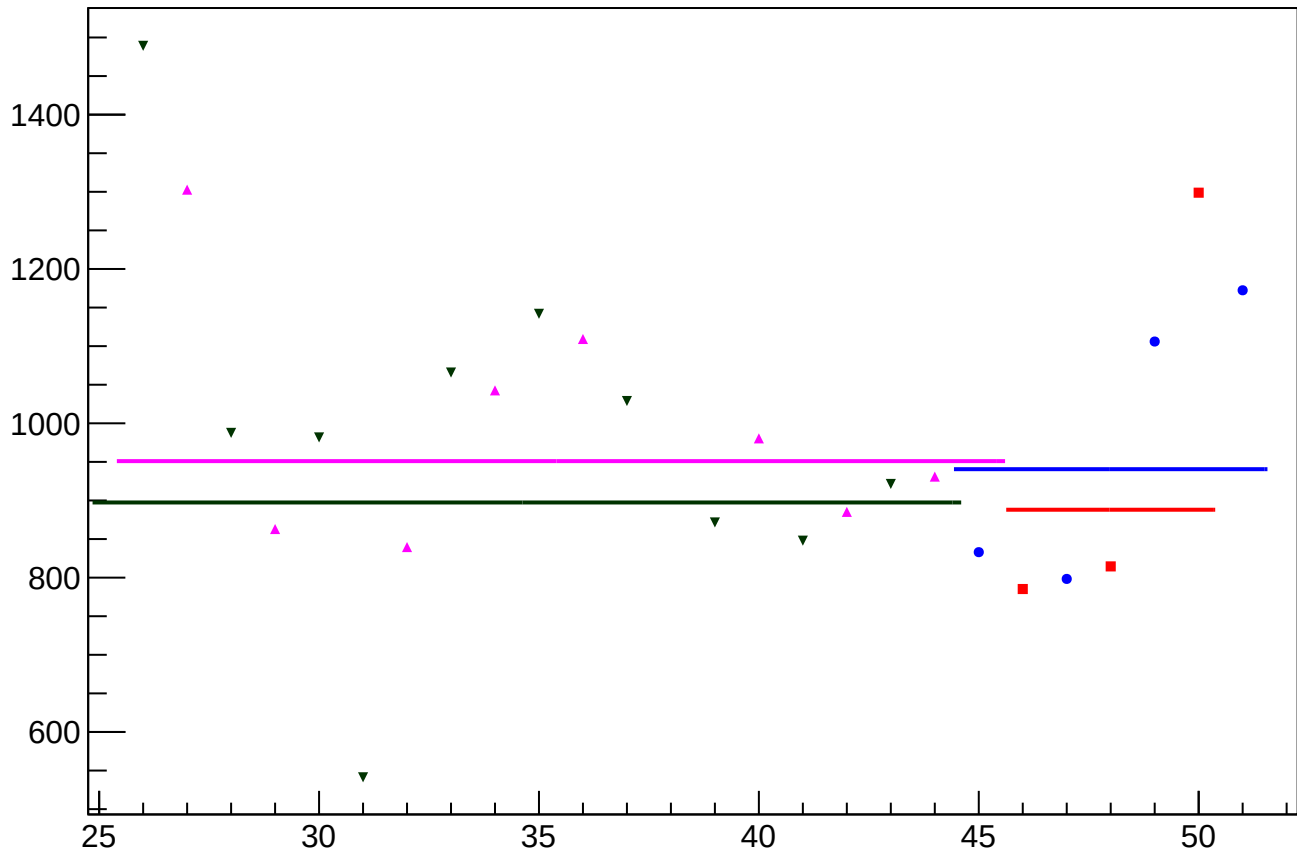
Left Out: 250.509+/-404.977 χ^2/NDF : 5.9/9

Right Out: 759.727+/-748.589 χ^2/NDF : 0.9/2

Left In: -318.803+/-425.542 χ^2/NDF : 10.6/7

39.428+/-248.232 χ^2/NDF : 20.8/24

asym_atl1r2_avg_correction_rms vs slug



Right In: 940.552+/-0.421 χ^2/NDF : 134462.6/3

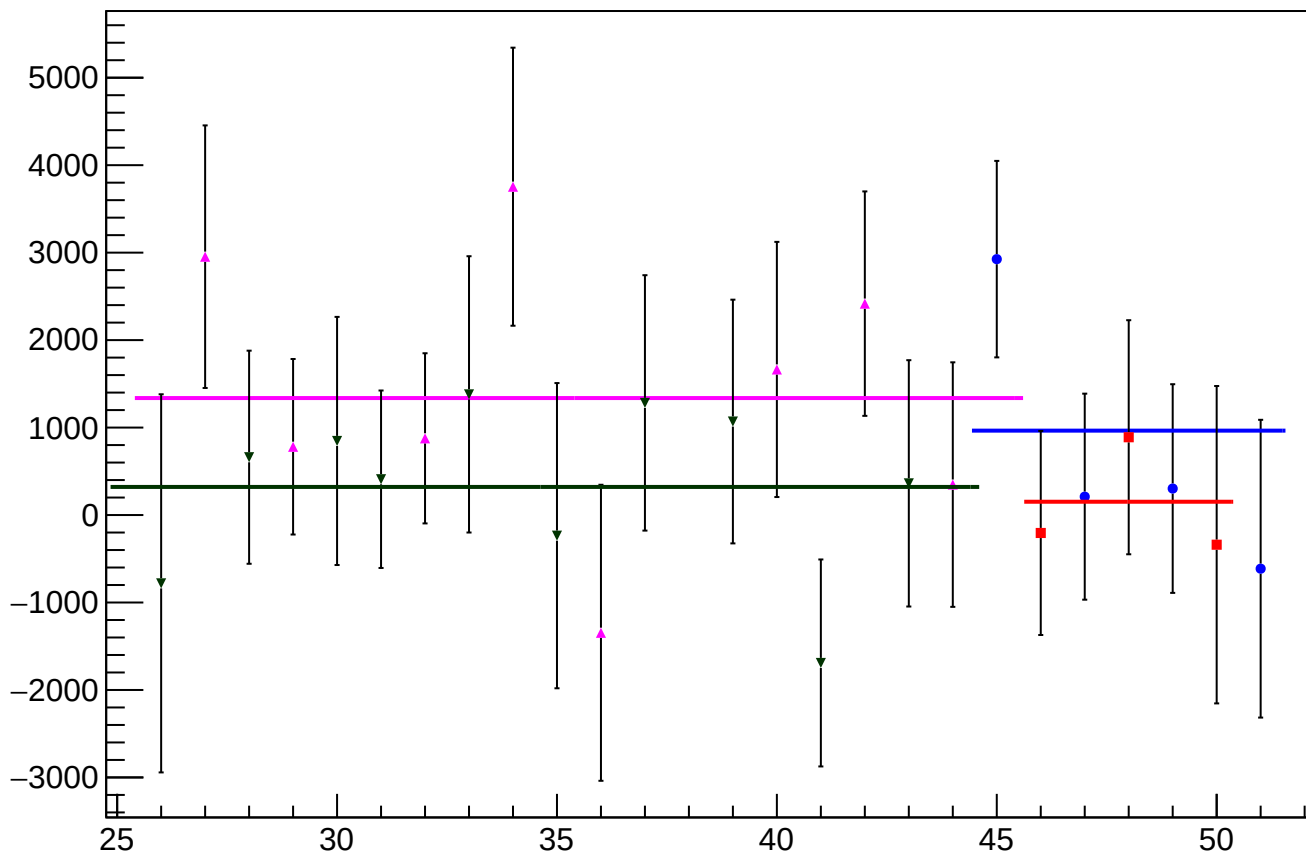
Left Out: 897.406+/-0.286 χ^2/NDF : 588848.0/9

922.114+/-0.176 χ^2/NDF : 1085631.1/24

Right Out: 888.003+/-0.529 χ^2/NDF : 132744.2/2

Left In: 950.988+/-0.301 χ^2/NDF : 206850.7/7

asym_atl1r2_avg_mean vs slug



Right In: 964.995 $\pm$ 624.808 χ^2/NDF : 4.6/3

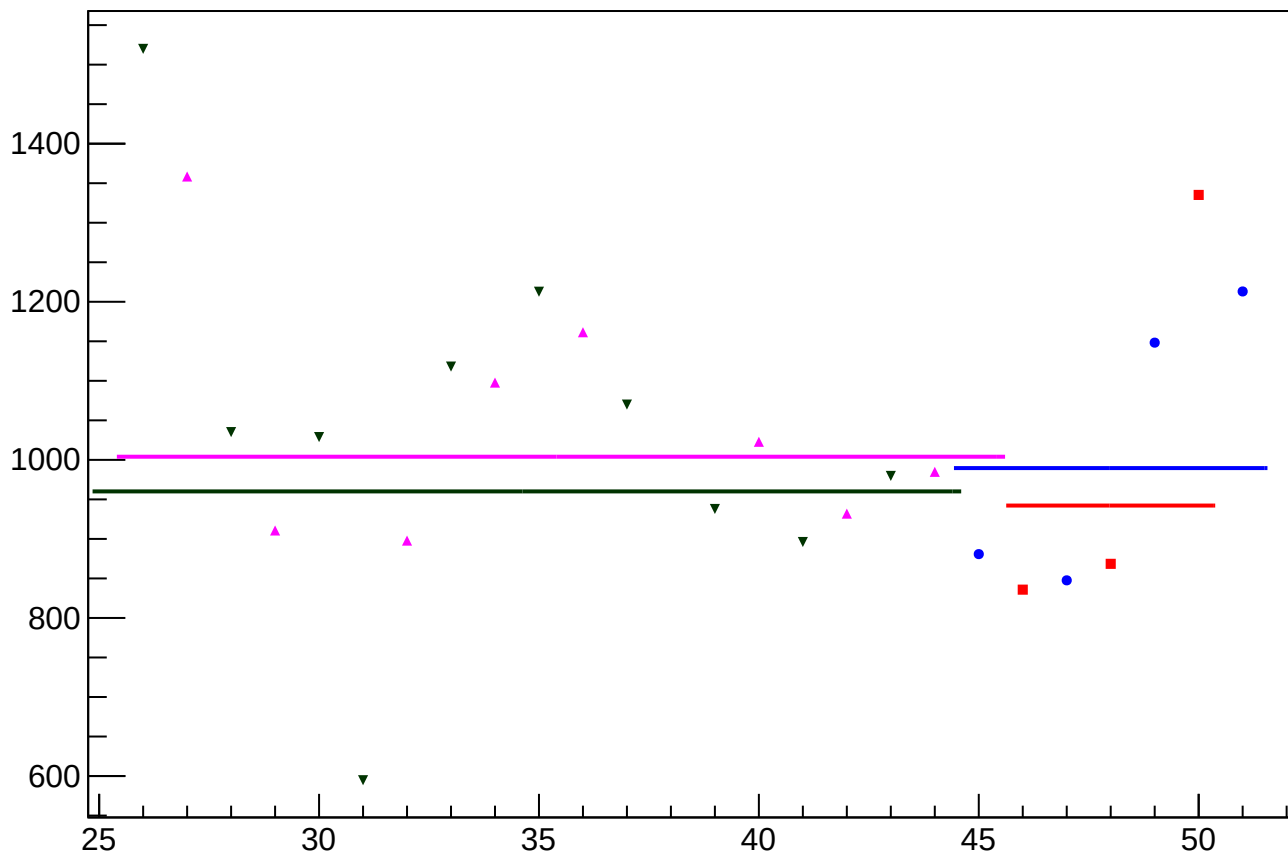
Left Out: 321.331 $\pm$ 434.827 χ^2/NDF : 4.6/9

Right Out: 152.096 $\pm$ 791.251 χ^2/NDF : 0.5/2

Left In: 1337.462 $\pm$ 455.096 χ^2/NDF : 7.8/7

761.556 $\pm$ 264.665 χ^2/NDF : 20.8/24

asym_atl1r2_avg_rms vs slug



Right In: 989.604 ± 0.442 χ^2/NDF : 117715.8/3

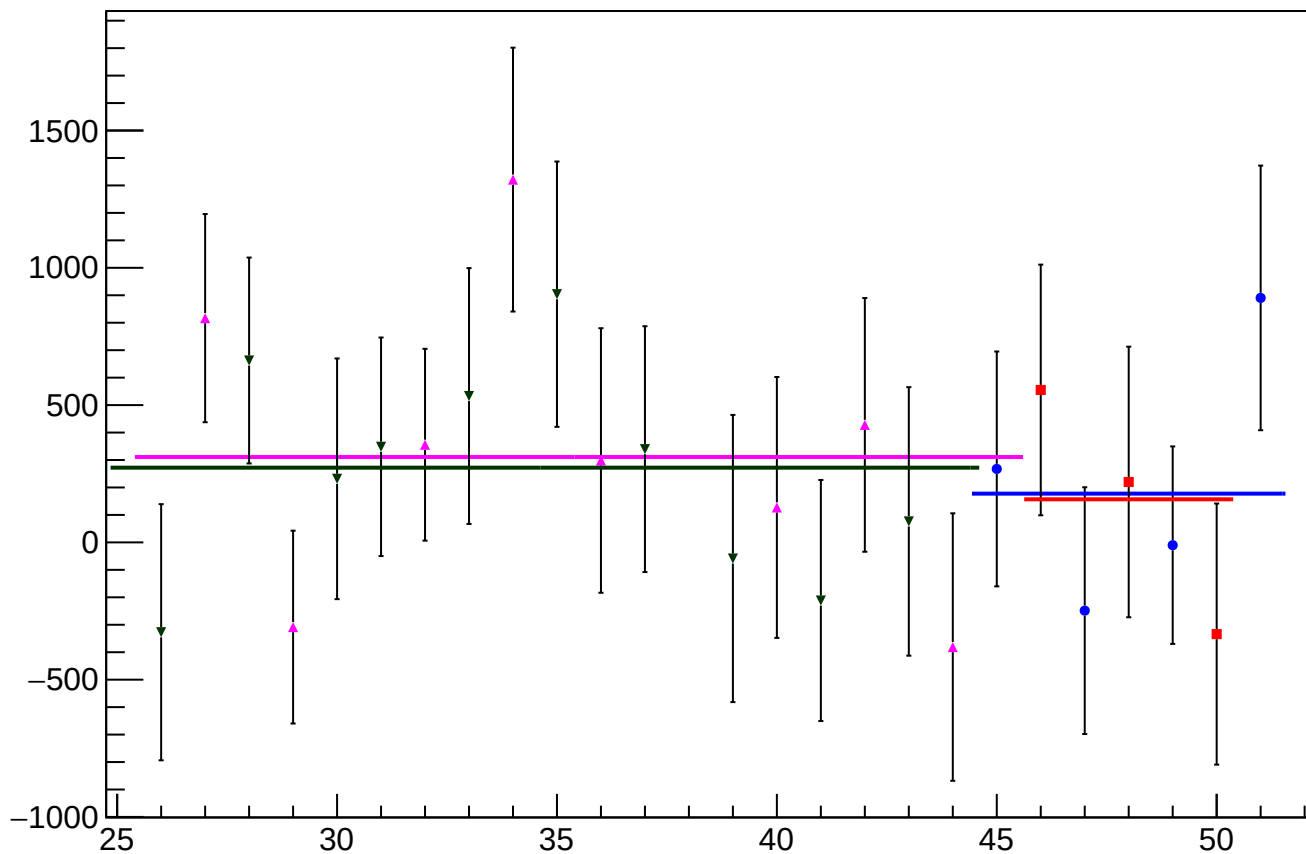
Left Out: 960.100 ± 0.307 χ^2/NDF : 485899.3/9

Right Out: 942.204 ± 0.559 χ^2/NDF : 116532.3/2

Left In: 1003.988 ± 0.322 χ^2/NDF : 183940.1/7

978.235 ± 0.187 χ^2/NDF : 918780.1/24

reg_asym_atl1r2_dd_mean vs slug



Right In: 177.567 $\pm$ 211.014 χ^2 /NDF: 3.4/3

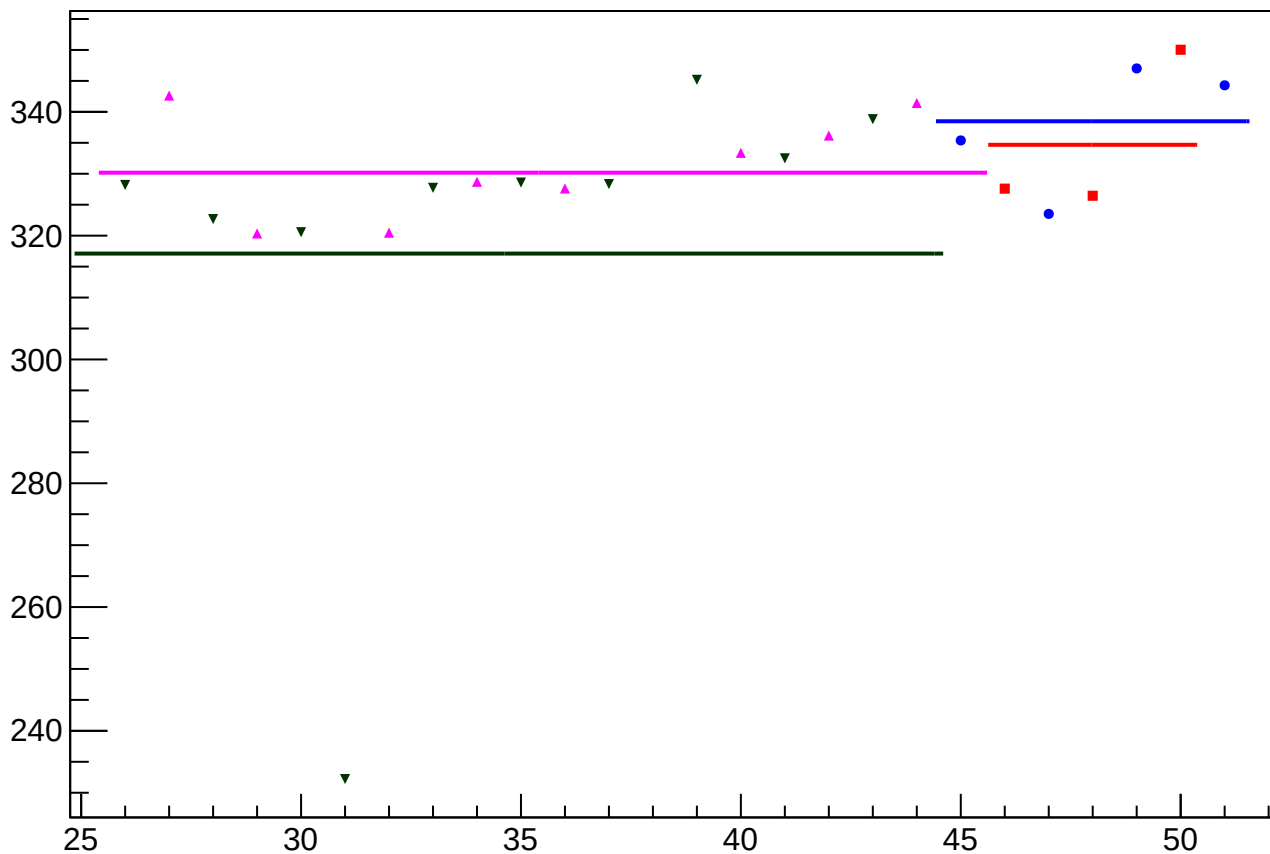
Left Out: 272.098 $\pm$ 141.223 χ^2 /NDF:6.6/9

Right Out: 156.919 $\pm$ 273.783 χ^2 /NDF: 1.8/2

Left In: 310.926 $\pm$ 148.691 χ^2 /NDF:11.6/7

257.587 $\pm$ 87.314 χ^2 /NDF: 23.8/24

reg_asym_atl1r2_dd_rms vs slug



Right In: 338.480 ± 0.149 $\chi^2/\text{NDF}: 3739.4/3$

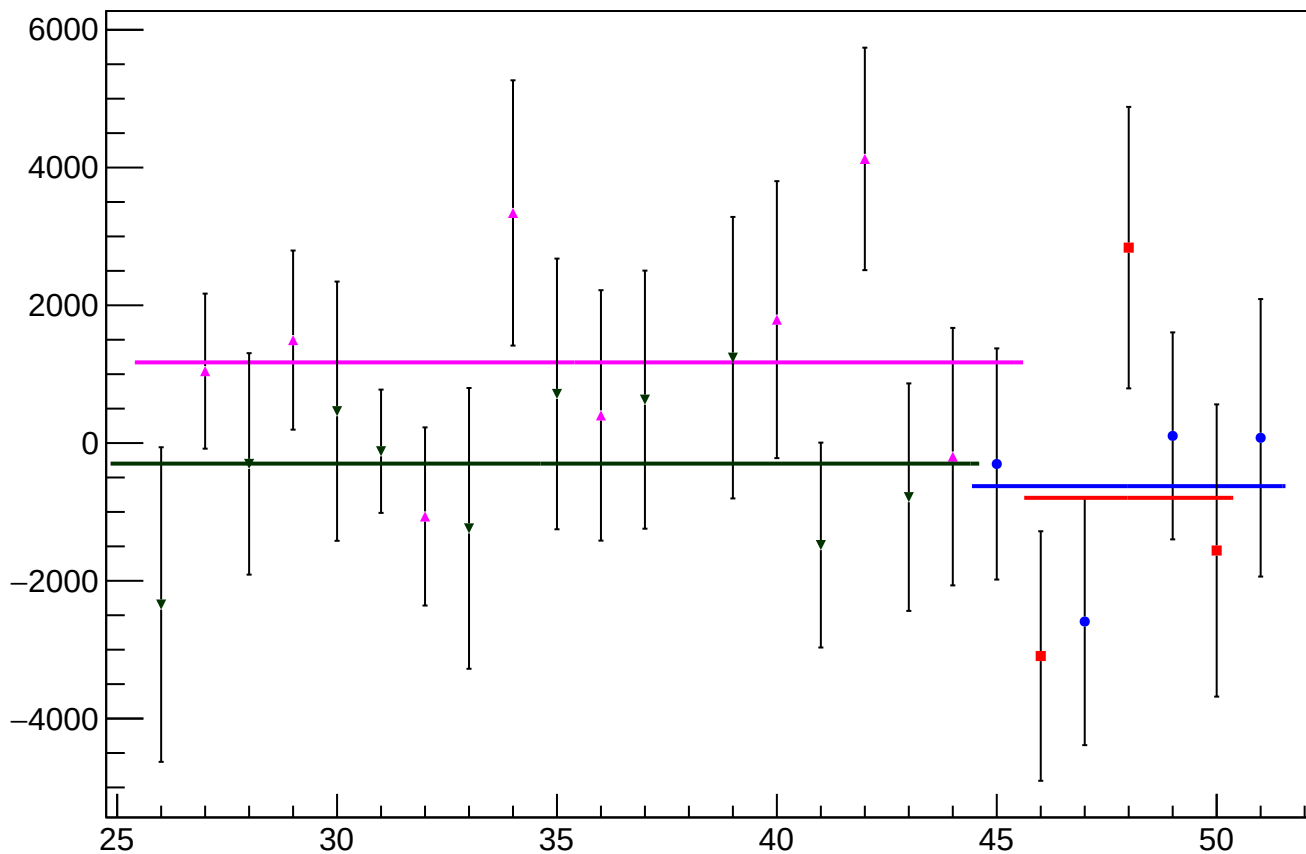
Left Out: 317.105 ± 0.100 $\chi^2/\text{NDF}: 108292.1/9$

Right Out: 334.679 ± 0.194 $\chi^2/\text{NDF}: 3125.2/2$

Left In: 330.176 ± 0.105 $\chi^2/\text{NDF}: 6835.5/7$

327.059 ± 0.062 $\chi^2/\text{NDF}: 140215.5/24$

asym_atl1r2_dd_correction_mean vs slug



Right In: -625.583+/-859.116 χ^2/NDF : 1.6/3

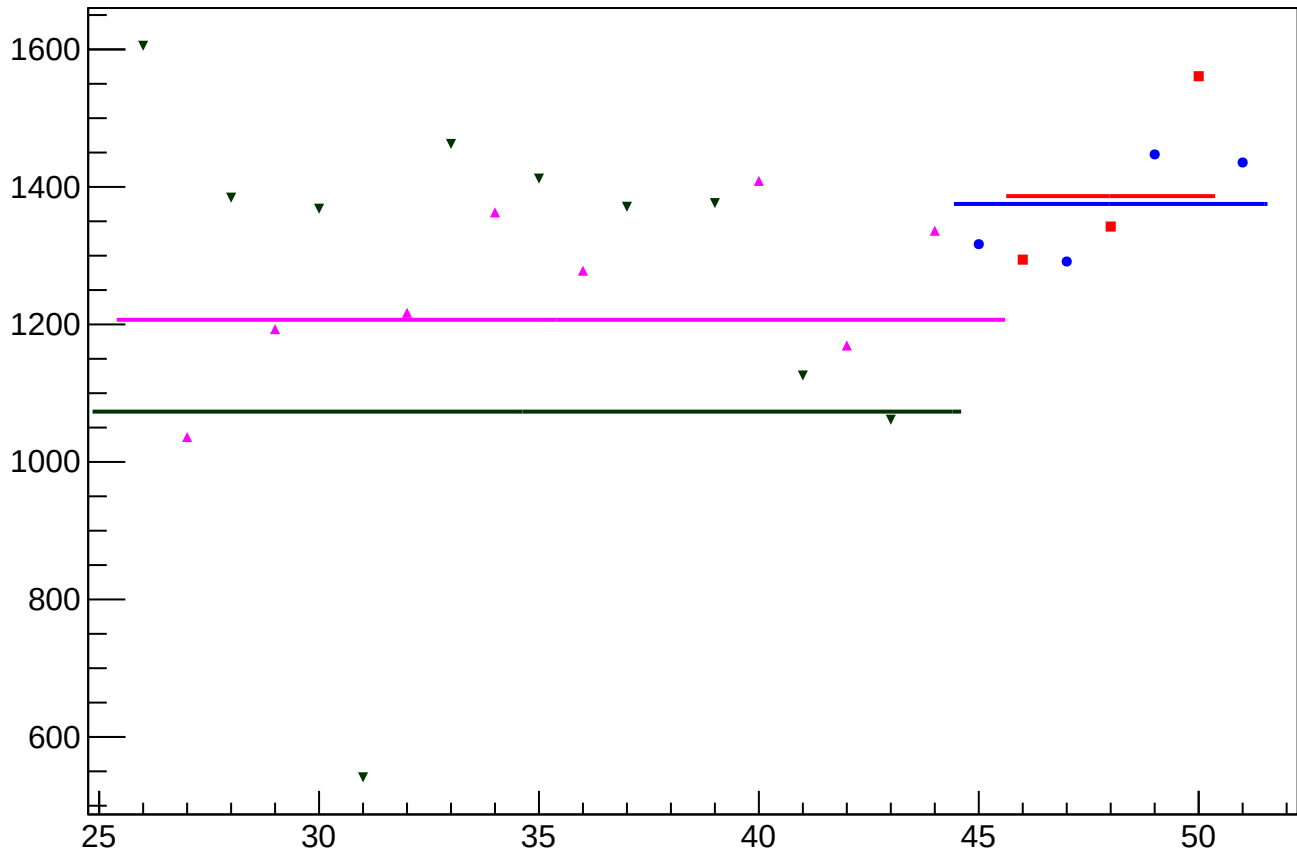
Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

Right Out: -795.221+/-1142.299 χ^2/NDF : 4.9/2

Left In: 1171.342+/-536.997 χ^2/NDF : 8.5/7

149.437+/-323.744 χ^2/NDF : 23.9/24

asym_atl1r2_dd_correction_rms vs slug



Right In: 1375.253+/-0.607 χ^2/NDF : 13173.4/3

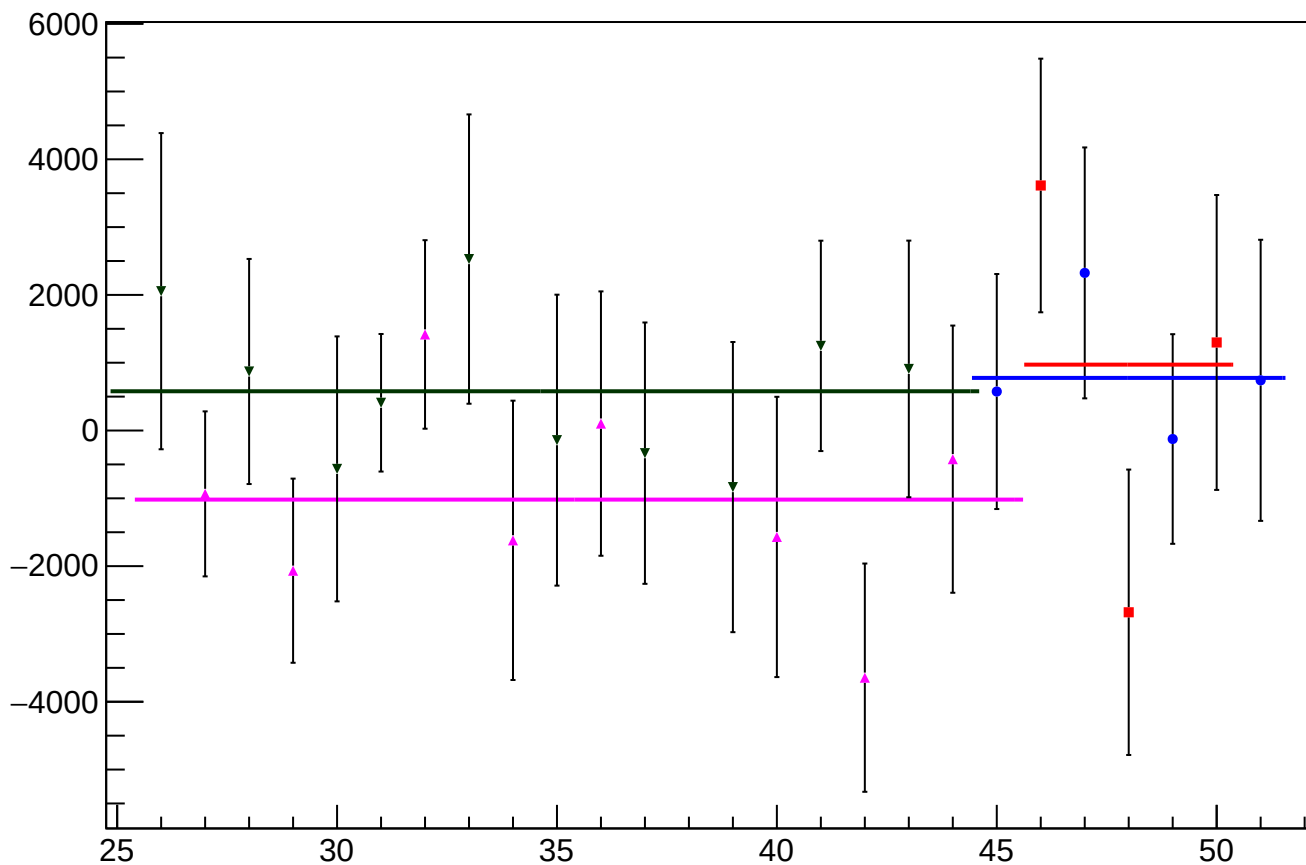
Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9

1189.809+/-0.229 χ^2/NDF : 1557028.5/24

Right Out: 1386.622+/-0.808 χ^2/NDF : 19648.2/2

Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

asym_atl1r2_dd_mean vs slug



Right In: 776.074 $\pm$ 885.169 χ^2/NDF : 1.1/3

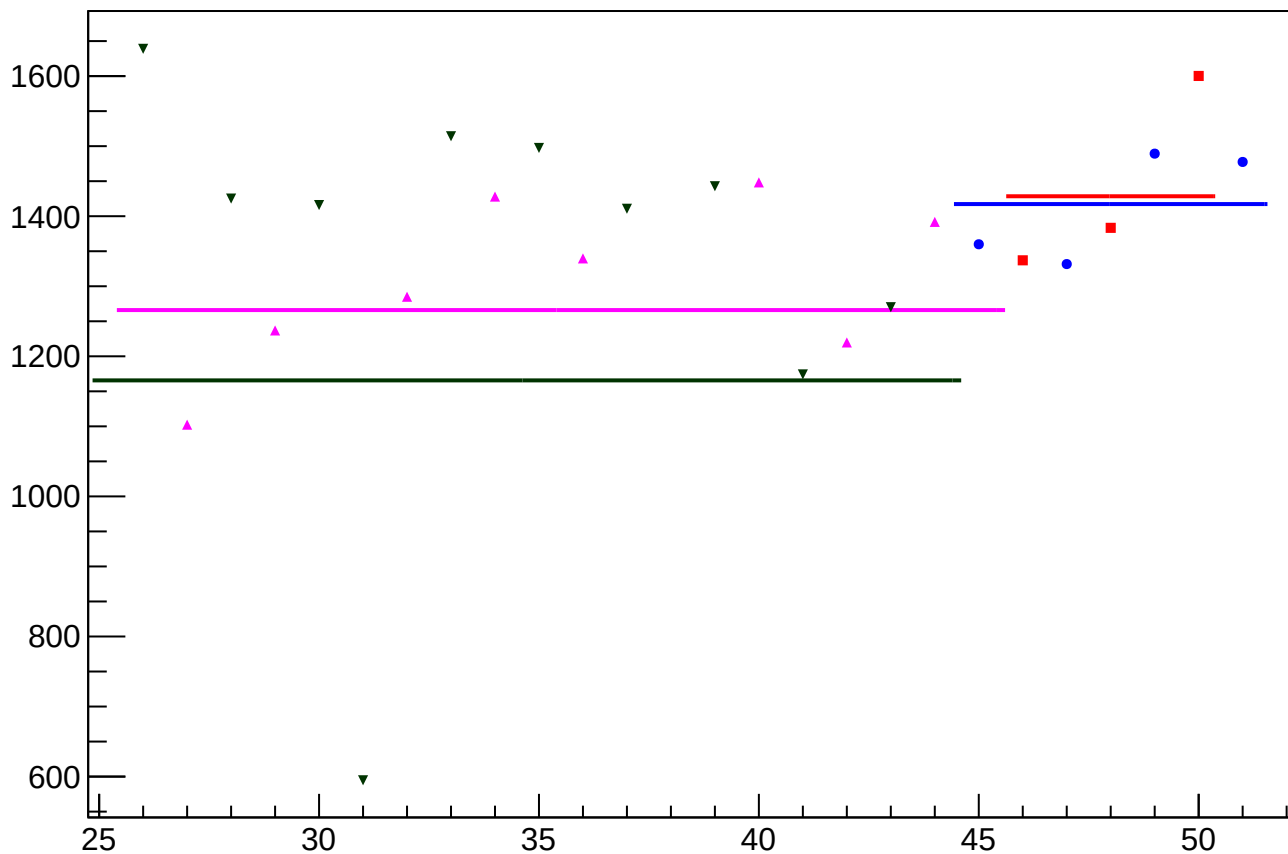
Left Out: 579.001 $\pm$ 542.319 χ^2/NDF : 2.6/9

Right Out: 971.705 $\pm$ 1175.958 χ^2/NDF : 5.0/2

Left In: -1018.709 $\pm$ 569.922 χ^2/NDF : 6.7/7

61.983 $\pm$ 343.438 χ^2/NDF : 21.1/24

asym_atl1r2_dd_rms vs slug



Right In: 1417.326+/-0.626 χ^2/NDF : 12500.6/3

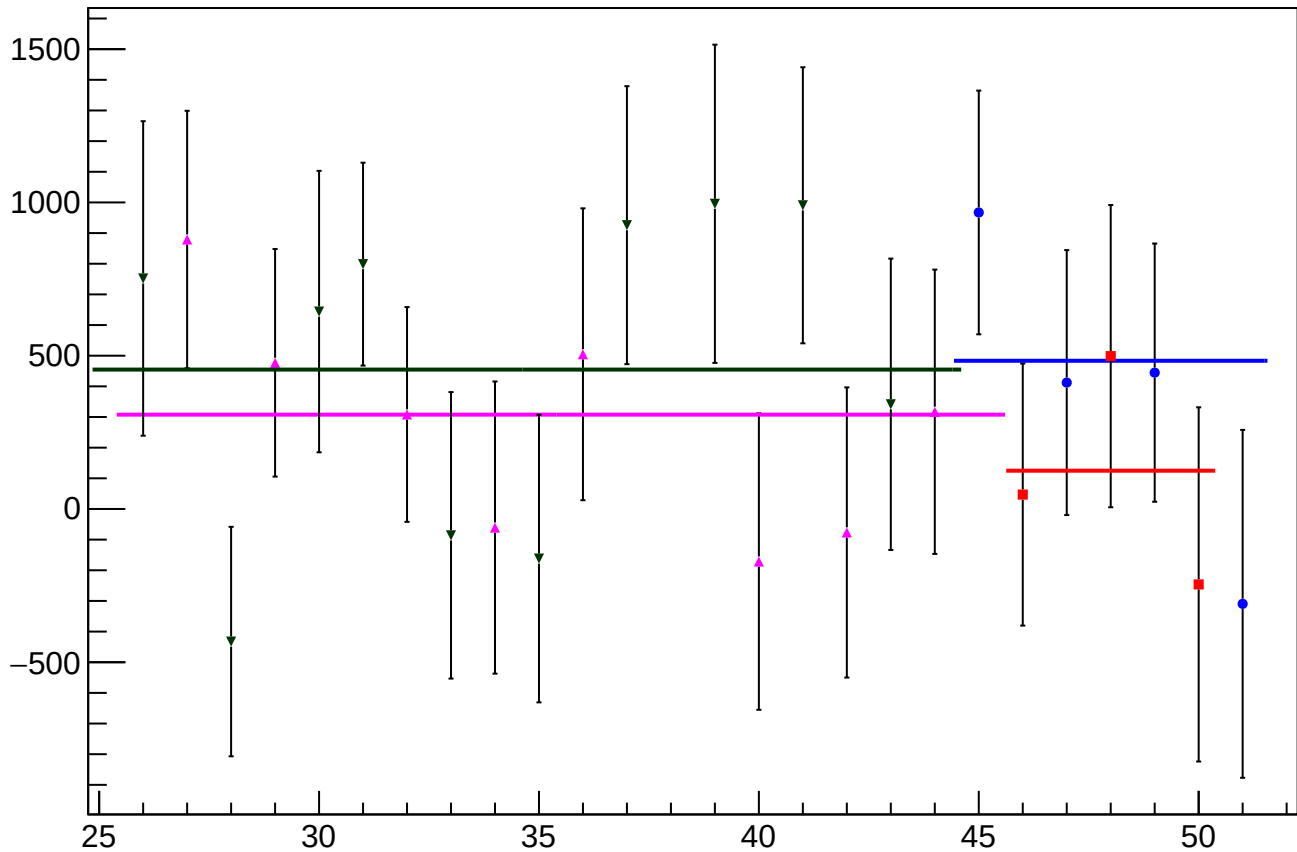
Left Out: 1165.616+/-0.383 χ^2/NDF : 970870.7/9

Right Out: 1428.474+/-0.832 χ^2/NDF : 18173.6/2

Left In: 1265.999+/-0.403 χ^2/NDF : 77911.6/7

1262.380+/-0.243 χ^2/NDF : 1244389.2/24

reg_asym_atr1l2_avg_mean vs slug



Right In: 483.470±/221.279 χ^2/NDF : 3.5/3

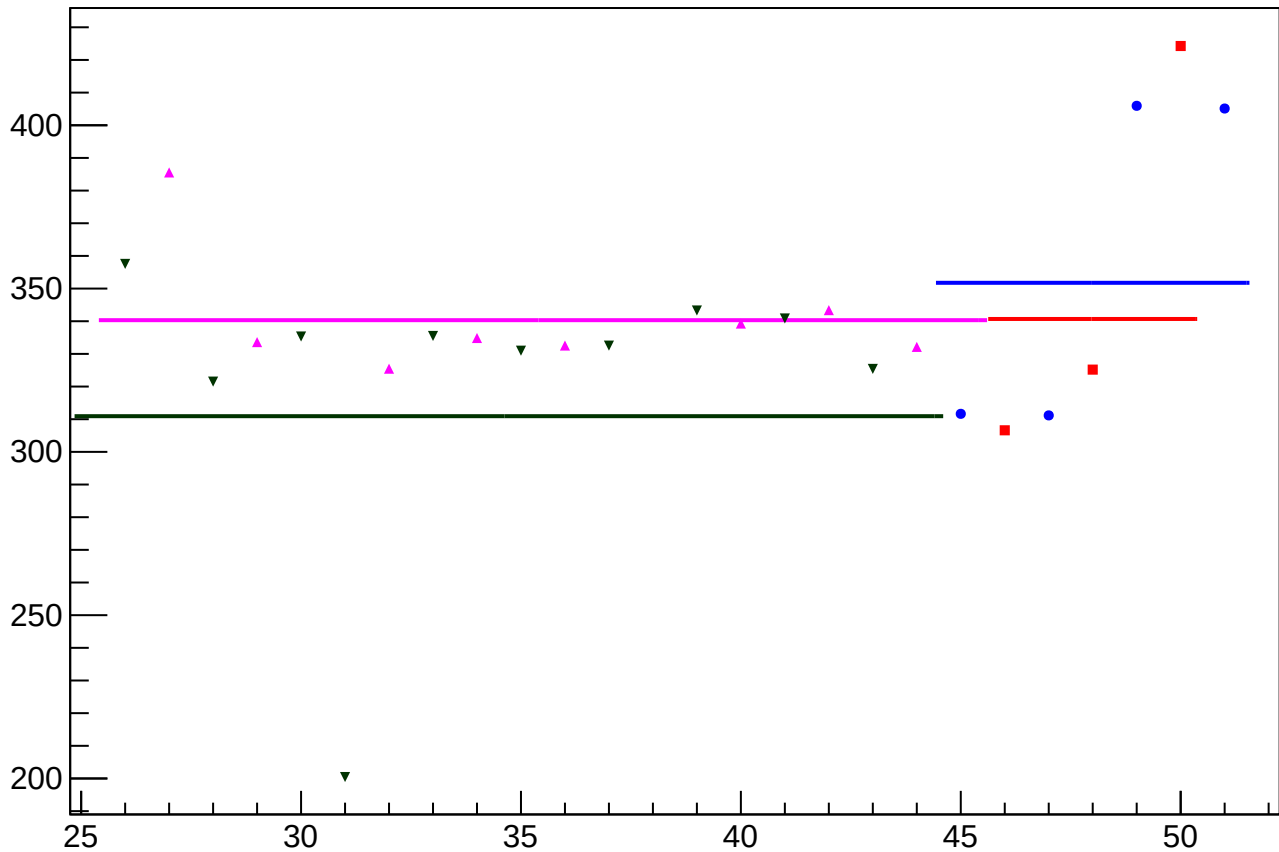
Left Out: 454.702±/138.846 χ^2/NDF :13.9/9

377.256±/88.333 χ^2/NDF : 24.4/24

Right Out: 124.852±/281.896 χ^2/NDF : 1.0/2

Left In: 307.710±/151.999 χ^2/NDF :4.5/7

reg_asym_atr1l2_avg_rms vs slug



Right In: 351.767 $\pm$ 0.156 χ^2 /NDF: 88803.4/3

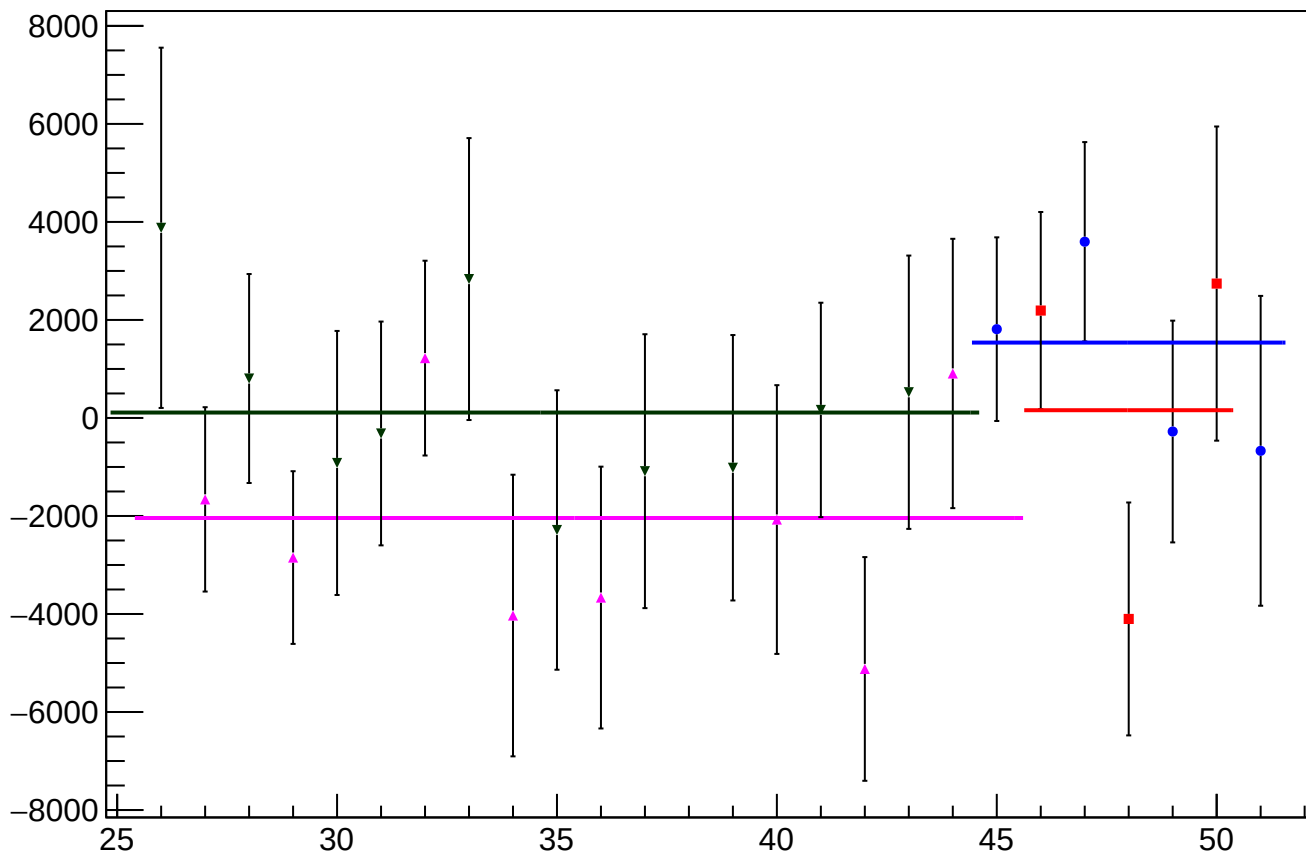
Left Out: 310.928 $\pm$ 0.098 χ^2 /NDF: 278877.1/9

Right Out: 340.693 $\pm$ 0.199 χ^2 /NDF: 56550.1/2

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.9/7

330.286 $\pm$ 0.062 χ^2 /NDF: 522382.2/24

asym_atr1l2_avg_correction_mean vs slug



Right In: 1538.083 $\pm$ 1102.873 χ^2/NDF : 2.2/3

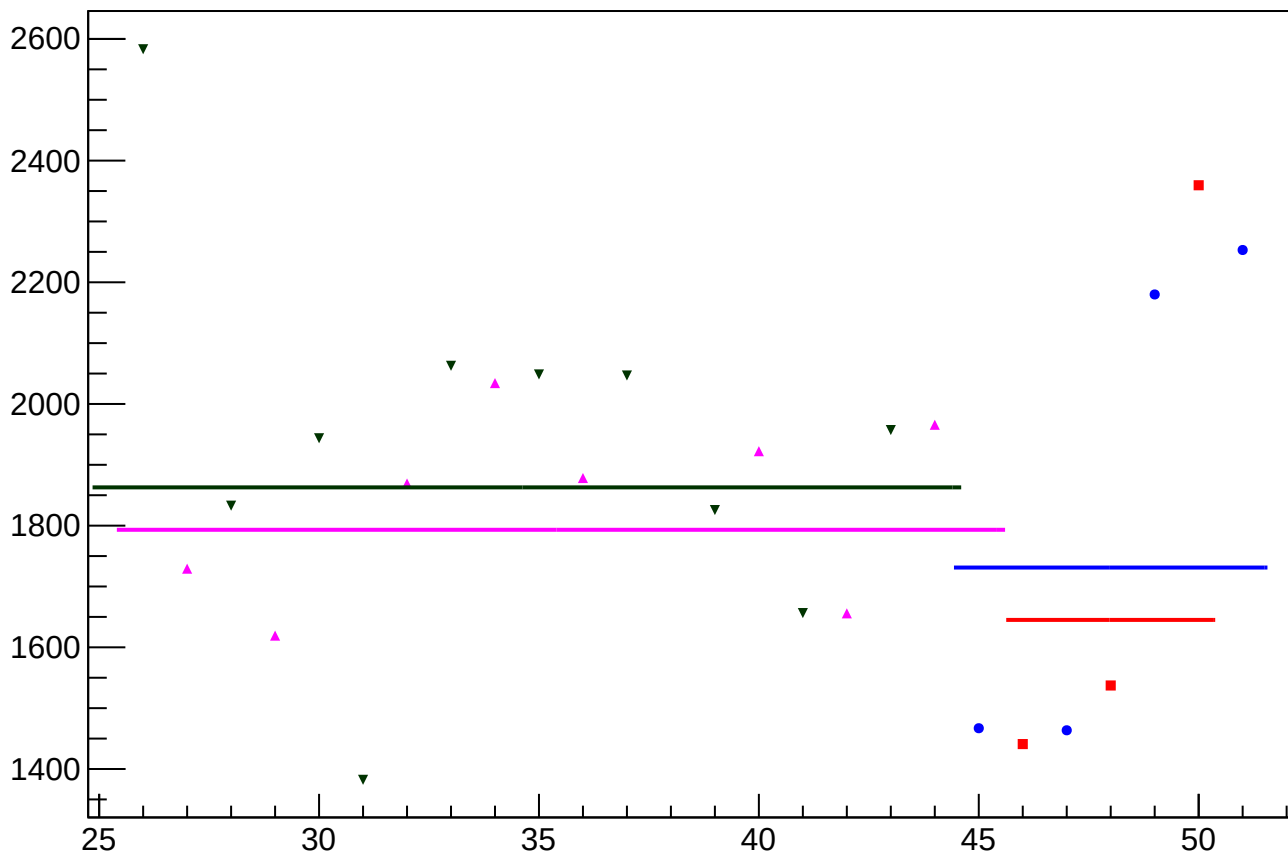
Left Out: 110.611 $\pm$ 824.937 χ^2/NDF : 3.3/9

Right Out: 158.108 $\pm$ 1384.549 χ^2/NDF : 4.9/2

Left In: -2041.346 $\pm$ 796.392 χ^2/NDF : 6.8/7

-389.303 $\pm$ 477.277 χ^2/NDF : 25.0/24

asym_atr1l2_avg_correction_rms vs slug



Right In: 1731.133+/-0.780 χ^2/NDF : 207594.2/3

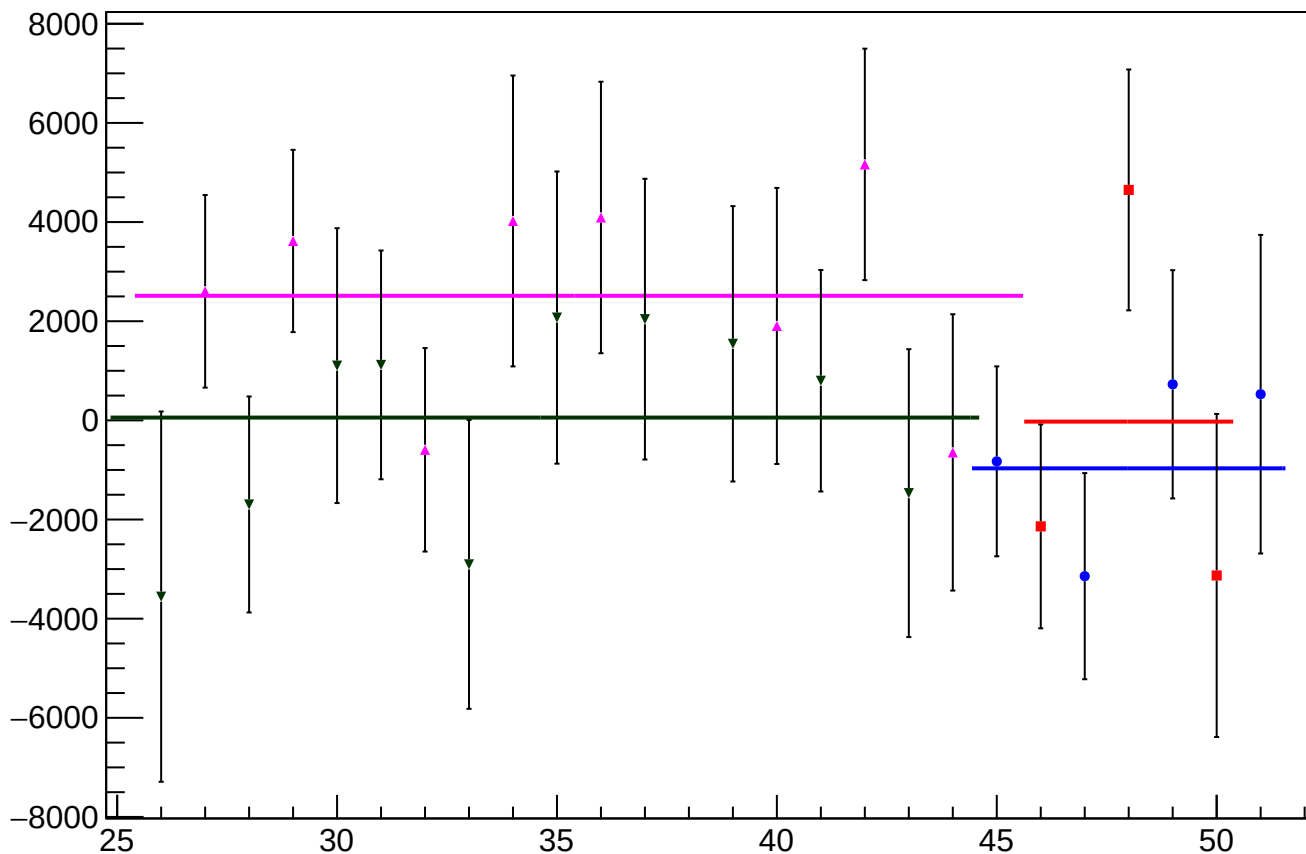
Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

Right Out: 1645.063+/-0.979 χ^2/NDF : 124074.3/2

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

1787.301+/-0.337 χ^2/NDF : 650194.8/24

asym_atr1l2_avg_mean vs slug



Right In: -967.579 ± 1125.485 $\chi^2/\text{NDF}: 1.9/3$

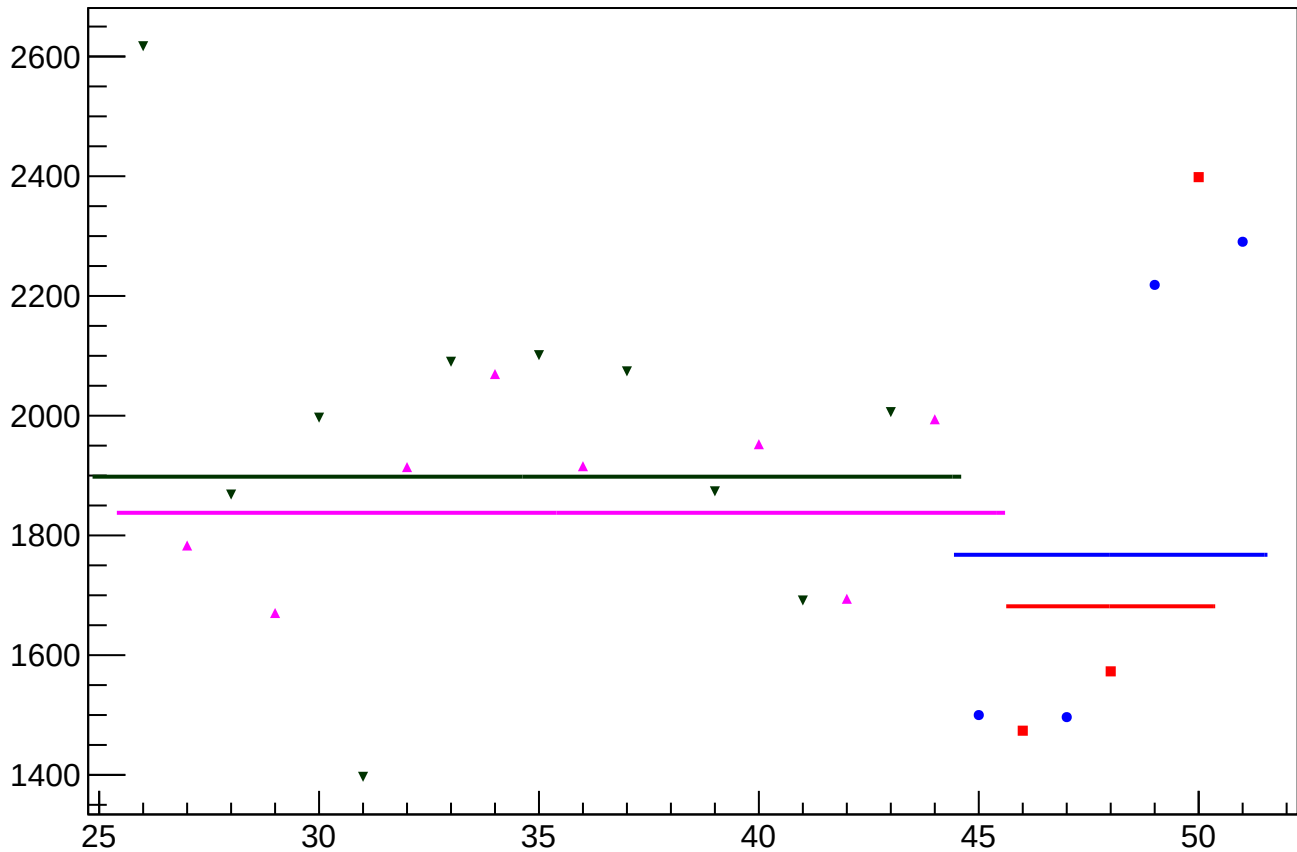
Left Out: 56.371 ± 843.149 $\chi^2/\text{NDF}: 4.6/9$

Right Out: -25.215 ± 1414.175 $\chi^2/\text{NDF}: 5.7/2$

Left In: 2513.421 ± 819.489 $\chi^2/\text{NDF}: 5.9/7$

727.679 ± 488.812 $\chi^2/\text{NDF}: 25.9/24$

asym_atr1l2_avg_rms vs slug



Right In: 1767.663+/-0.796 χ^2/NDF : 202756.9/3

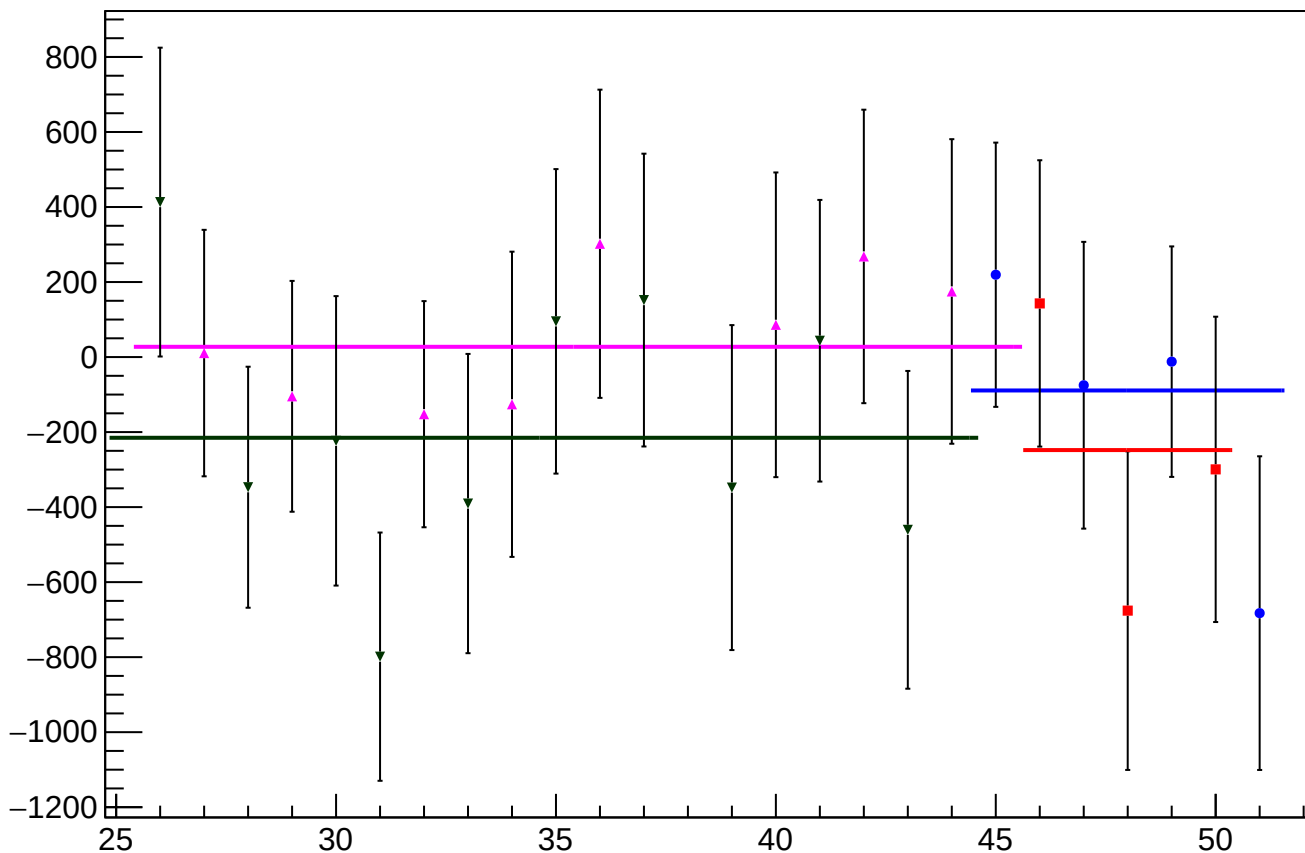
Left Out: 1898.125+/-0.596 χ^2/NDF : 217407.8/9

1826.186+/-0.346 χ^2/NDF : 634937.9/24

Right Out: 1681.612+/-1.000 χ^2/NDF : 121236.7/2

Left In: 1837.803+/-0.579 χ^2/NDF : 52264.8/7

reg_asym_atr1l2_dd_mean vs slug



Right In: -89.061 $\pm$ 178.973 χ^2/NDF : 2.8/3

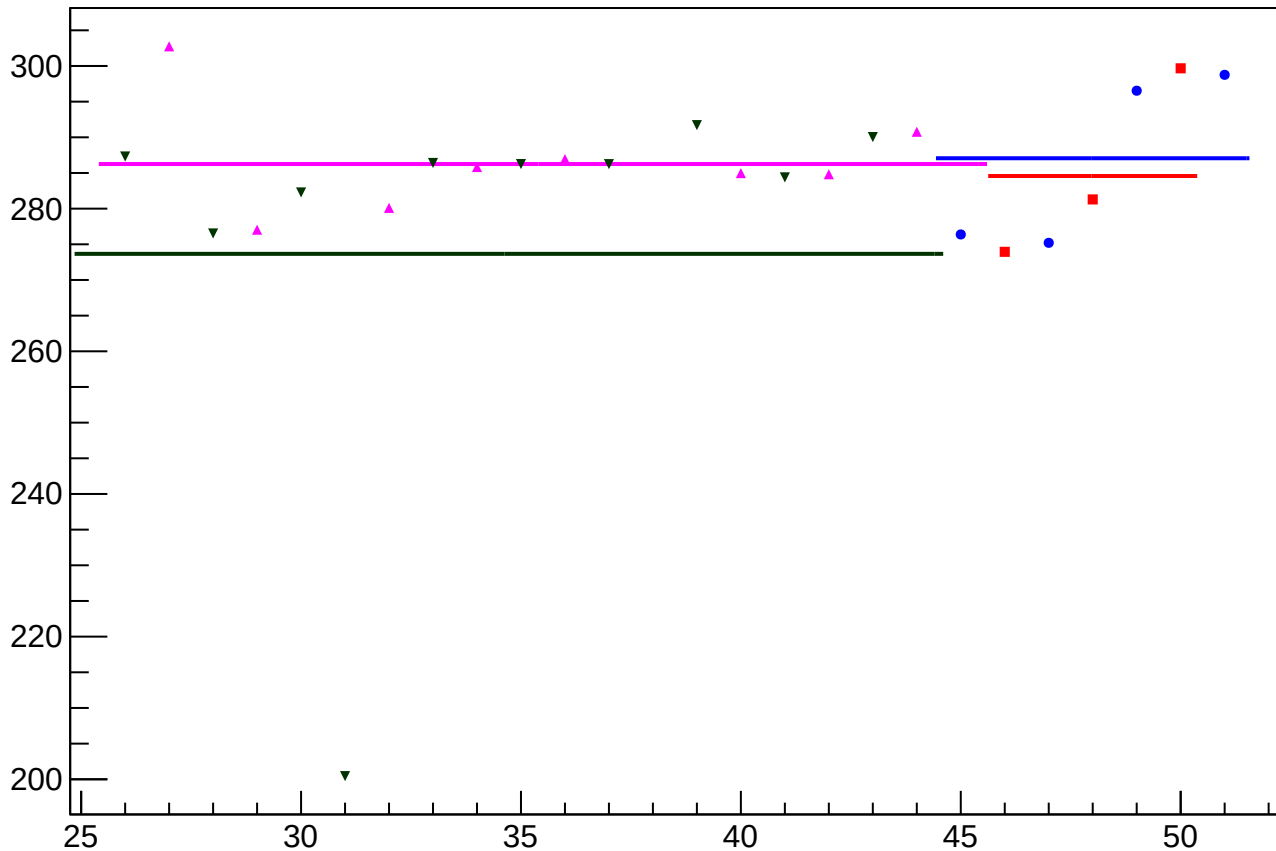
Left Out: -215.198 $\pm$ 120.951 χ^2/NDF : 8.2/9

Right Out: -247.971 $\pm$ 232.840 χ^2/NDF : 2.1/2

Left In: 27.345 $\pm$ 127.553 χ^2/NDF : 1.7/7

-113.569 $\pm$ 74.642 χ^2/NDF : 17.0/24

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.064 $\pm$ 0.127 χ^2 /NDF: 7228.3/3

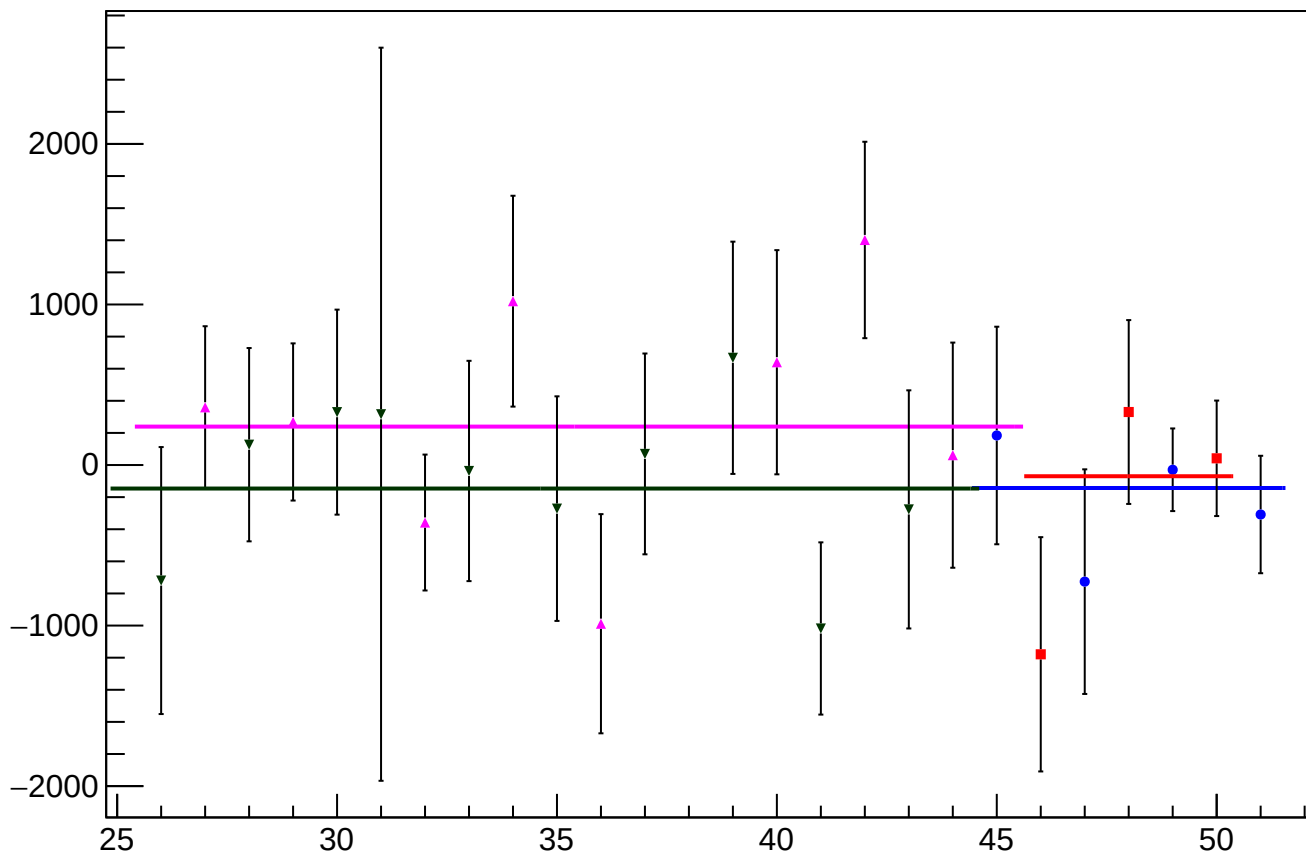
Left Out: 273.662 $\pm$ 0.086 χ^2 /NDF: 115390.2/9

Right Out: 284.574 $\pm$ 0.165 χ^2 /NDF: 4422.3/2

Left In: 286.254 $\pm$ 0.090 χ^2 /NDF: 7968.5/7

281.427 $\pm$ 0.053 χ^2 /NDF: 148466.1/24

asym_atr1l2_dd_correction_mean vs slug



Right In: -143.071 $\pm$ 193.199 χ^2/NDF : 1.3/3

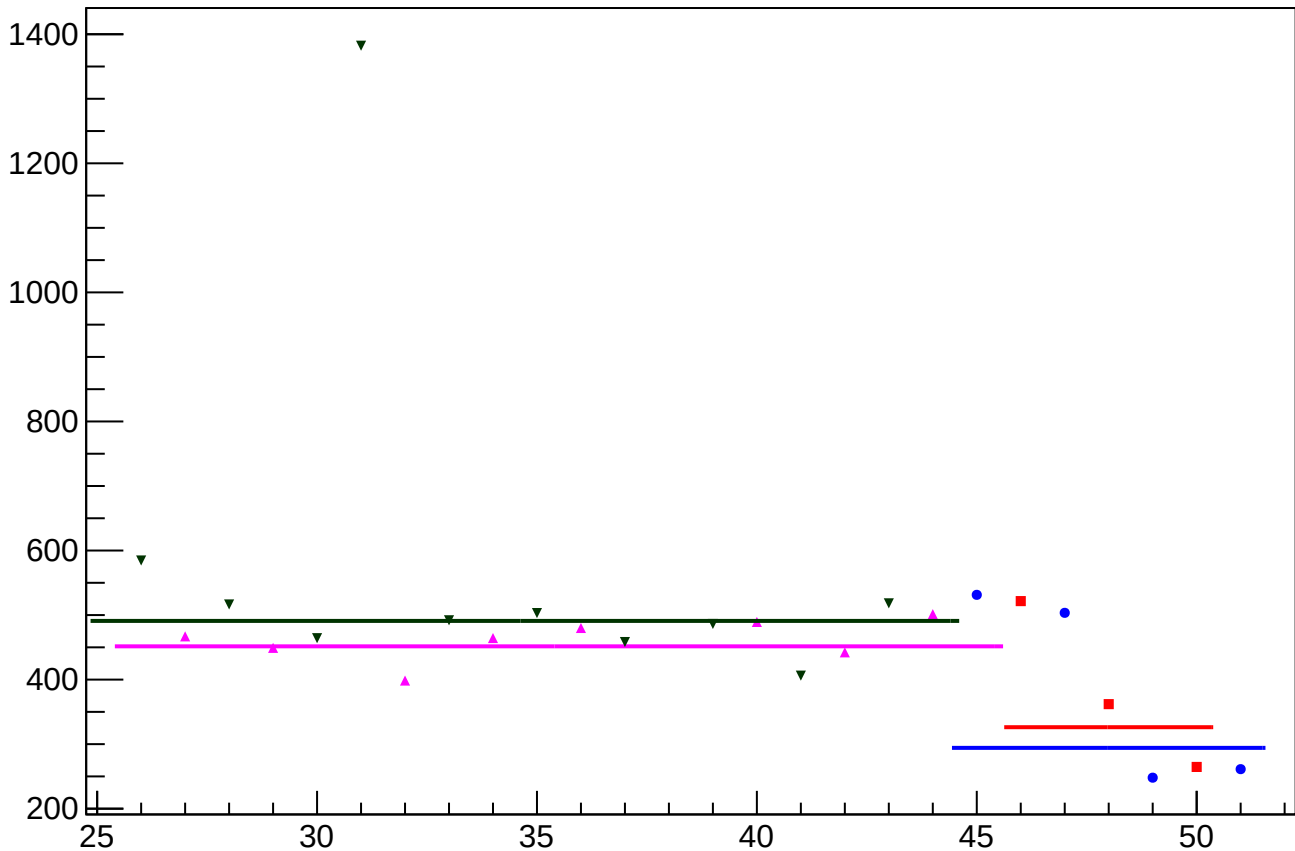
Left Out: -146.460 $\pm$ 219.375 χ^2/NDF : 5.4/9

Right Out: -69.824 $\pm$ 281.058 χ^2/NDF : 2.9/2

Left In: 239.342 $\pm$ 200.411 χ^2/NDF : 10.7/7

-21.159 $\pm$ 108.384 χ^2/NDF : 22.8/24

asym_atr1l2_dd_correction_rms vs slug



Right In: 294.232 $\pm$ 0.137 χ^2 /NDF: 504549.2/3

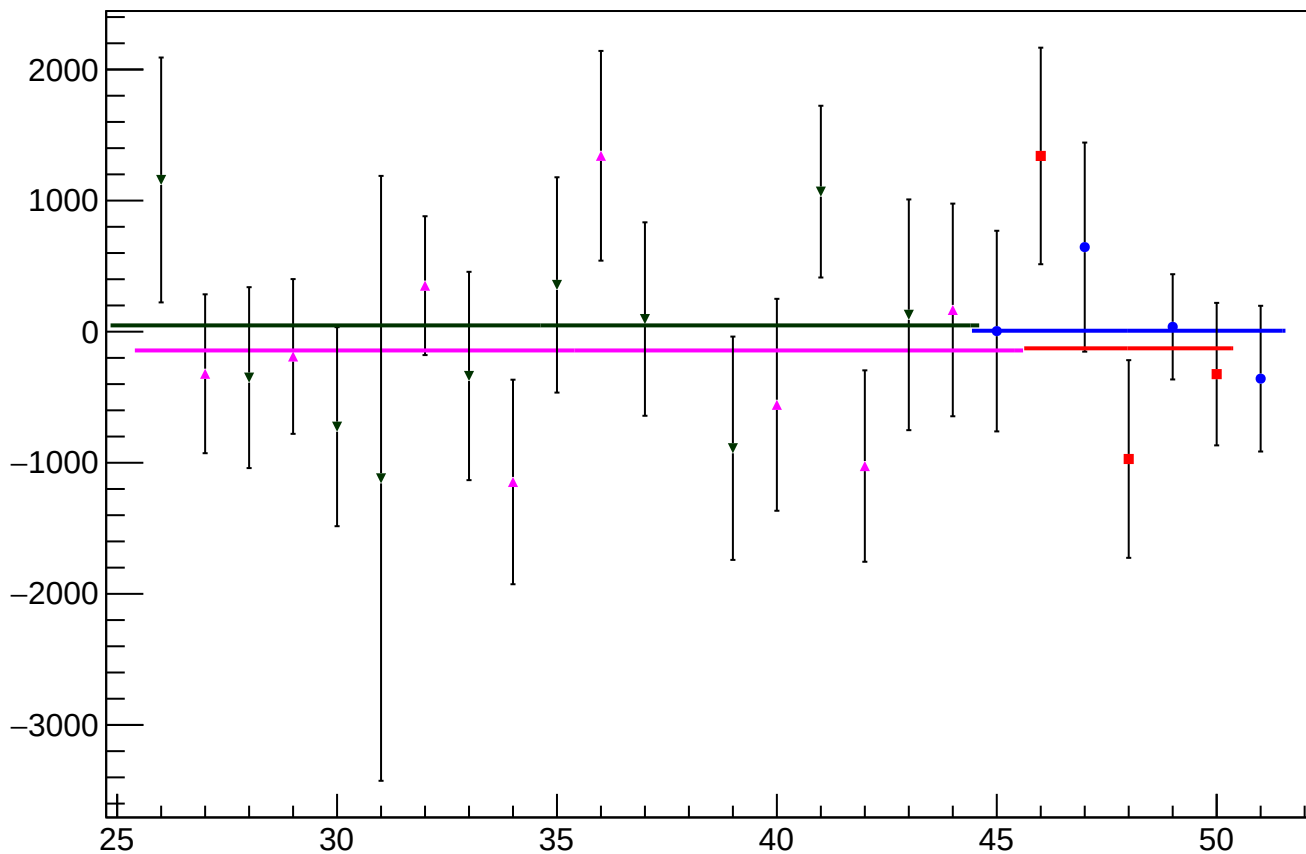
Left Out: 490.946 $\pm$ 0.155 χ^2 /NDF: 396061.5/9

Right Out: 326.243 $\pm$ 0.199 χ^2 /NDF: 209827.6/2

Left In: 451.550 $\pm$ 0.142 χ^2 /NDF: 53985.5/7

393.021 $\pm$ 0.077 χ^2 /NDF: 2369348.7/24

asym_atr1l2_dd_mean vs slug



Right In: 7.177 ± 280.365 χ^2/NDF : 1.1/3

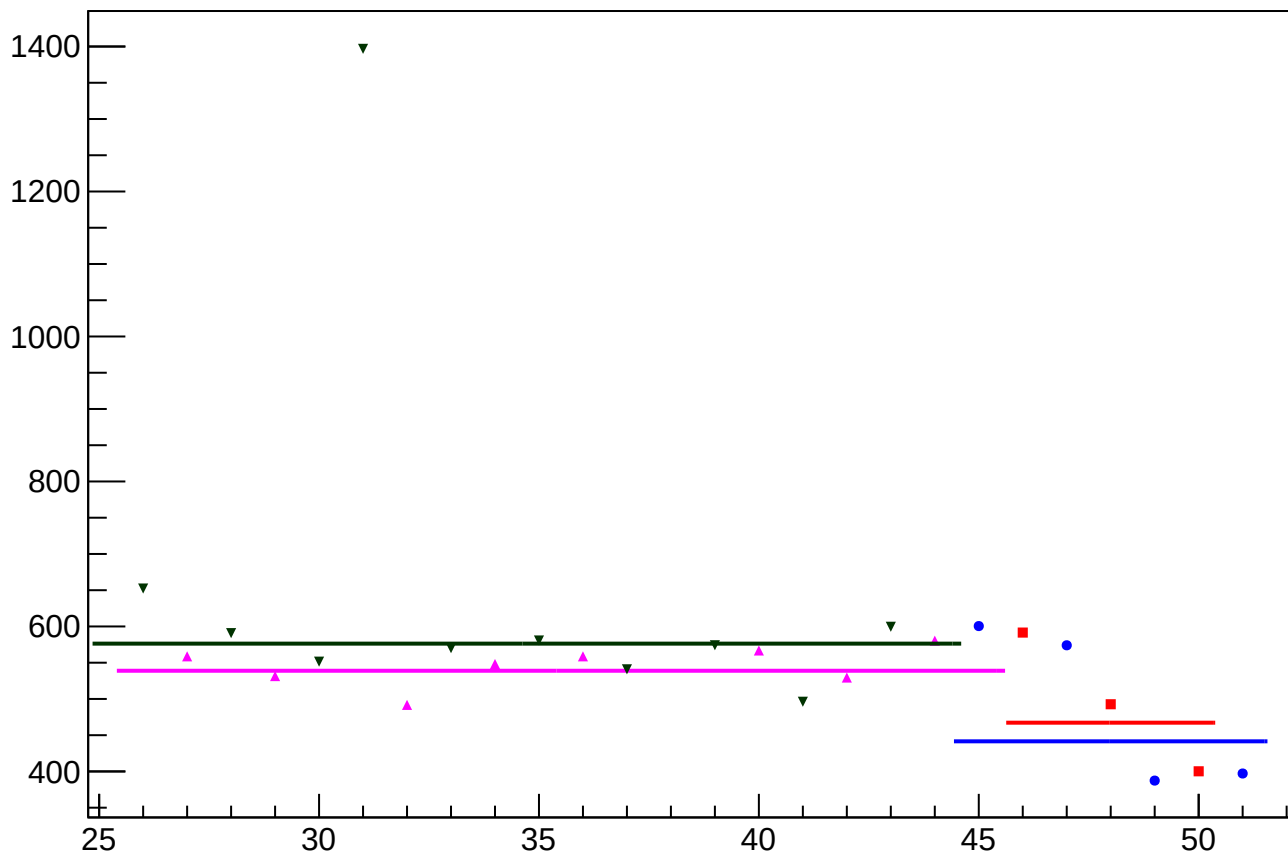
Left Out: 47.962 ± 257.579 χ^2/NDF : 7.1/9

Right Out: -127.029 ± 388.972 χ^2/NDF : 4.5/2

Left In: -143.227 ± 240.493 χ^2/NDF : 7.9/7

-48.396 ± 139.085 χ^2/NDF : 21.0/24

asym_atr1l2_dd_rms vs slug



Right In: 441.541+/-0.198 χ^2/NDF : 190679.6/3

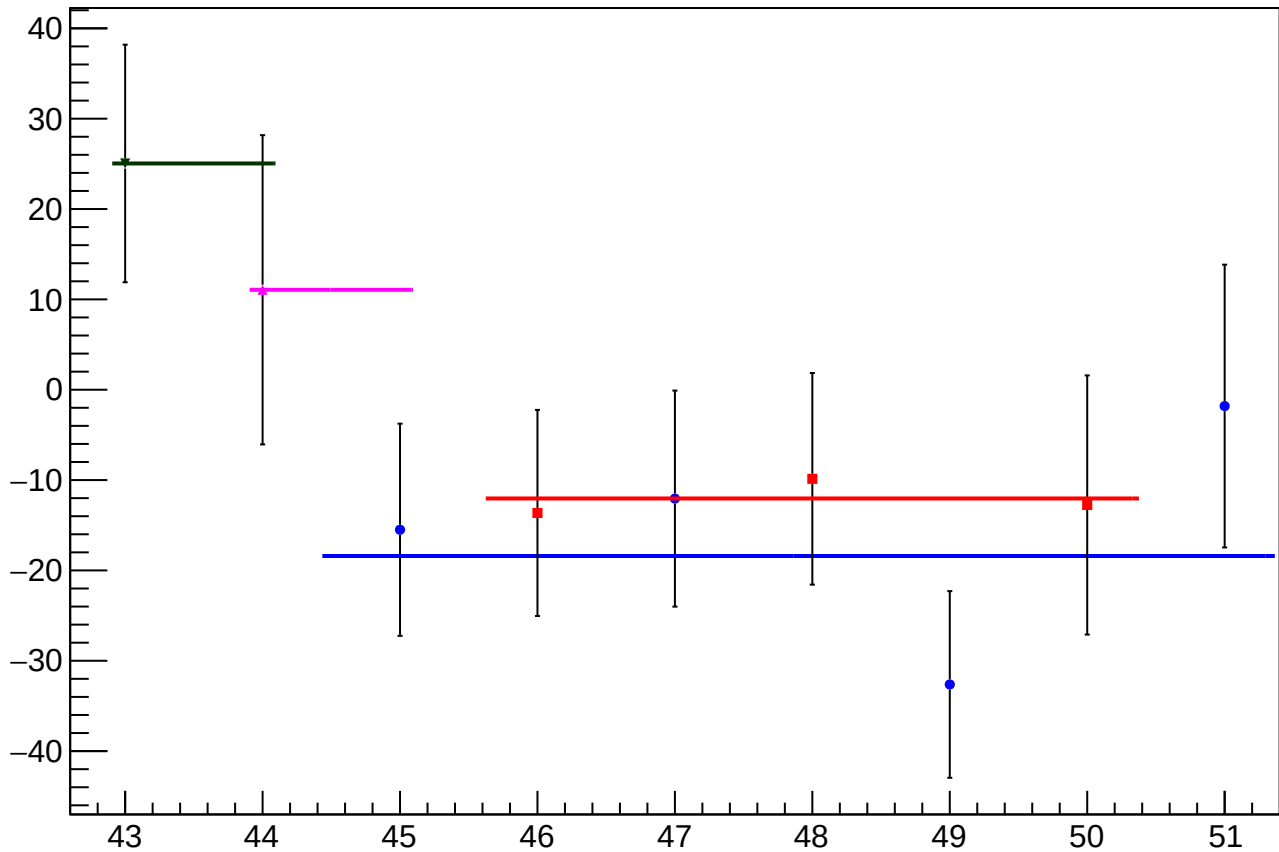
Left Out: 576.304+/-0.182 χ^2/NDF : 305346.9/9

Right Out: 467.250+/-0.275 χ^2/NDF : 78009.7/2

Left In: 538.892+/-0.170 χ^2/NDF : 27750.6/7

516.682+/-0.098 χ^2/NDF : 901961.7/24

diff_bpm0l01X_mean vs slug



Right In: -18.404 $\pm$ 6.009 χ^2/NDF : 3.4/3

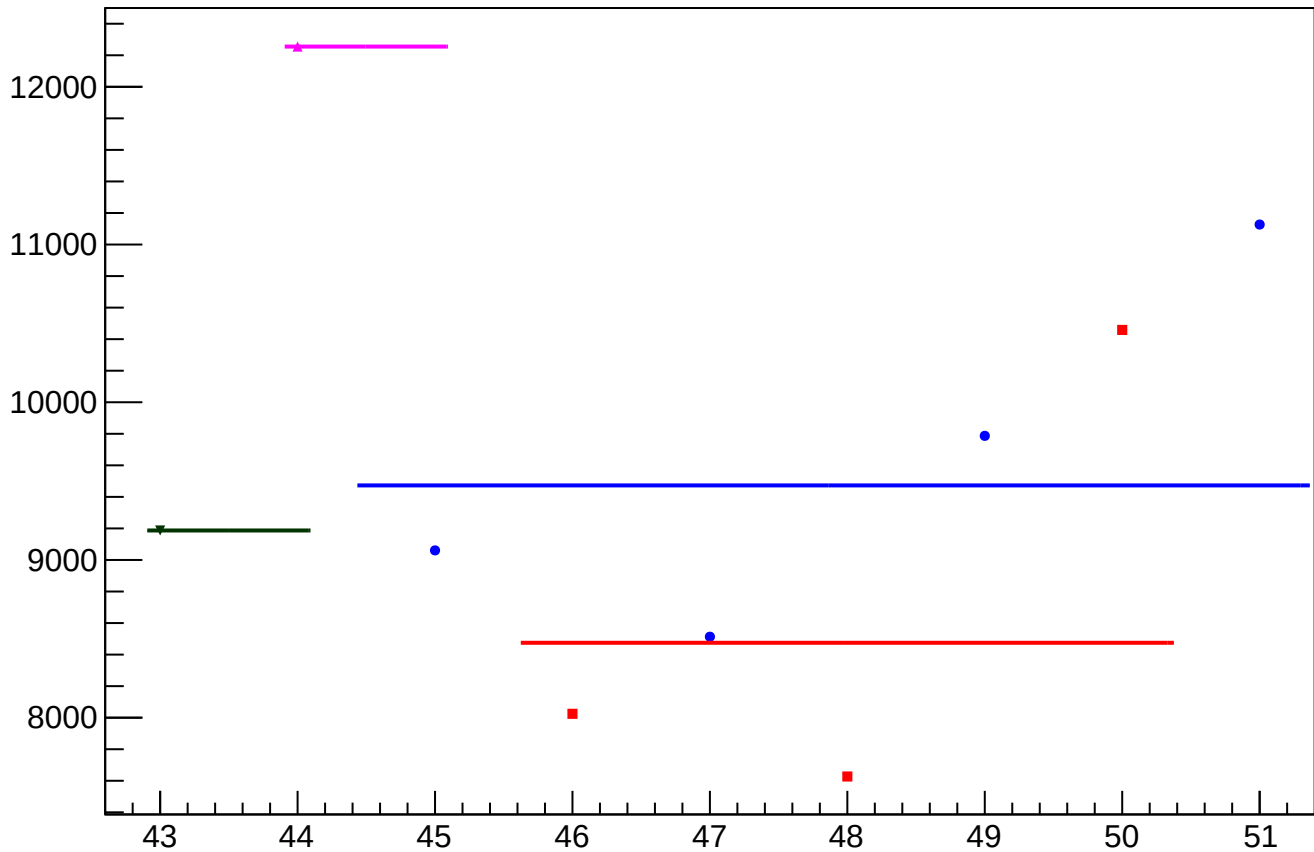
Left Out: 25.043 $\pm$ 13.149 χ^2/NDF : 0.0/0

Right Out: -12.035 $\pm$ 7.100 χ^2/NDF : 0.1/2

Left In: 11.060 $\pm$ 17.116 χ^2/NDF : 0.0/0

-9.975 $\pm$ 4.198 χ^2/NDF : 14.1/8

diff_bpm0l01X_rms vs slug



Right In: 9472.741+/-4.249 χ^2/NDF : 39522.7/3

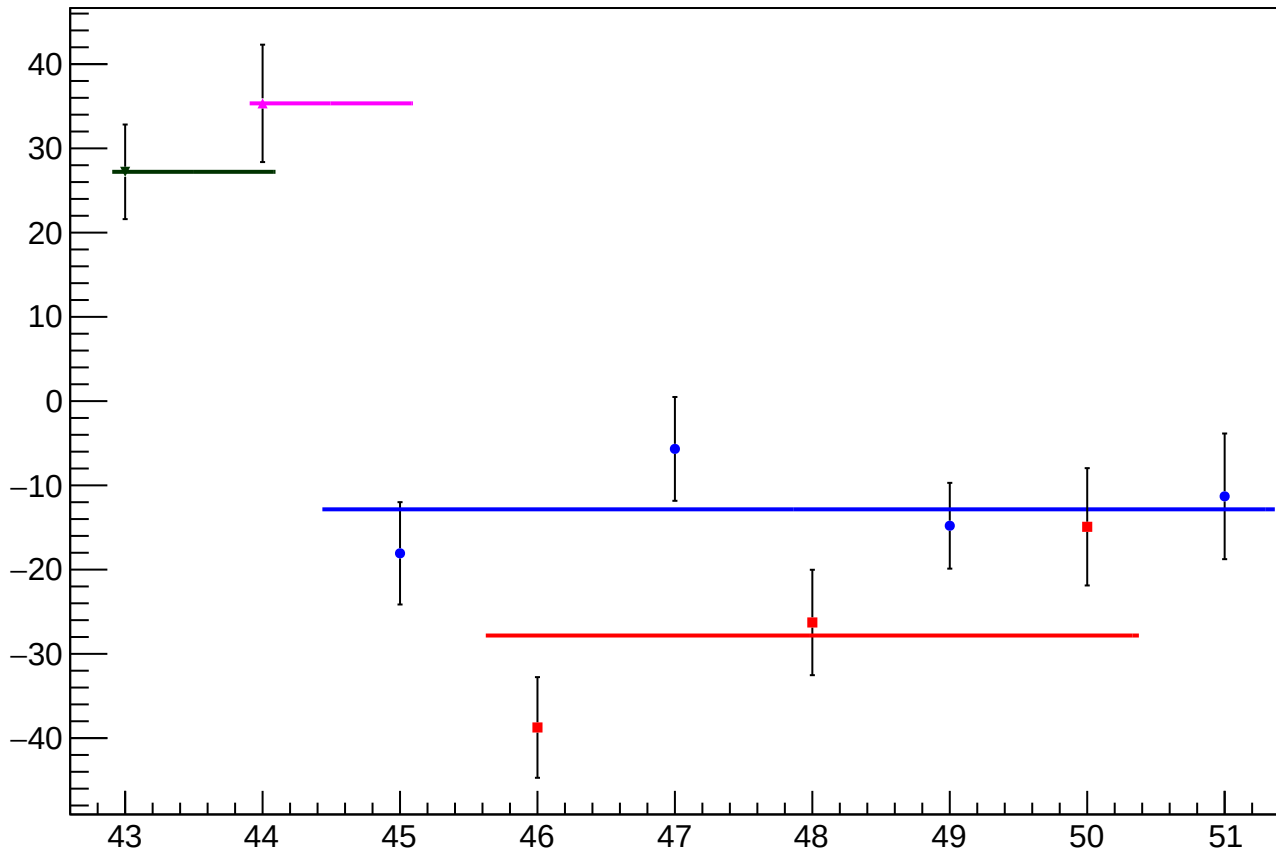
Left Out: 9187.011+/-9.298 χ^2/NDF : 0.0/0

9262.143+/-2.969 χ^2/NDF : 179635.5/8

Right Out: 8474.942+/-5.021 χ^2/NDF : 51849.0/2

Left In: 12255.114+/-12.103 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs slug



Right In: -12.846 ± 3.015 χ^2/NDF : 2.3/3

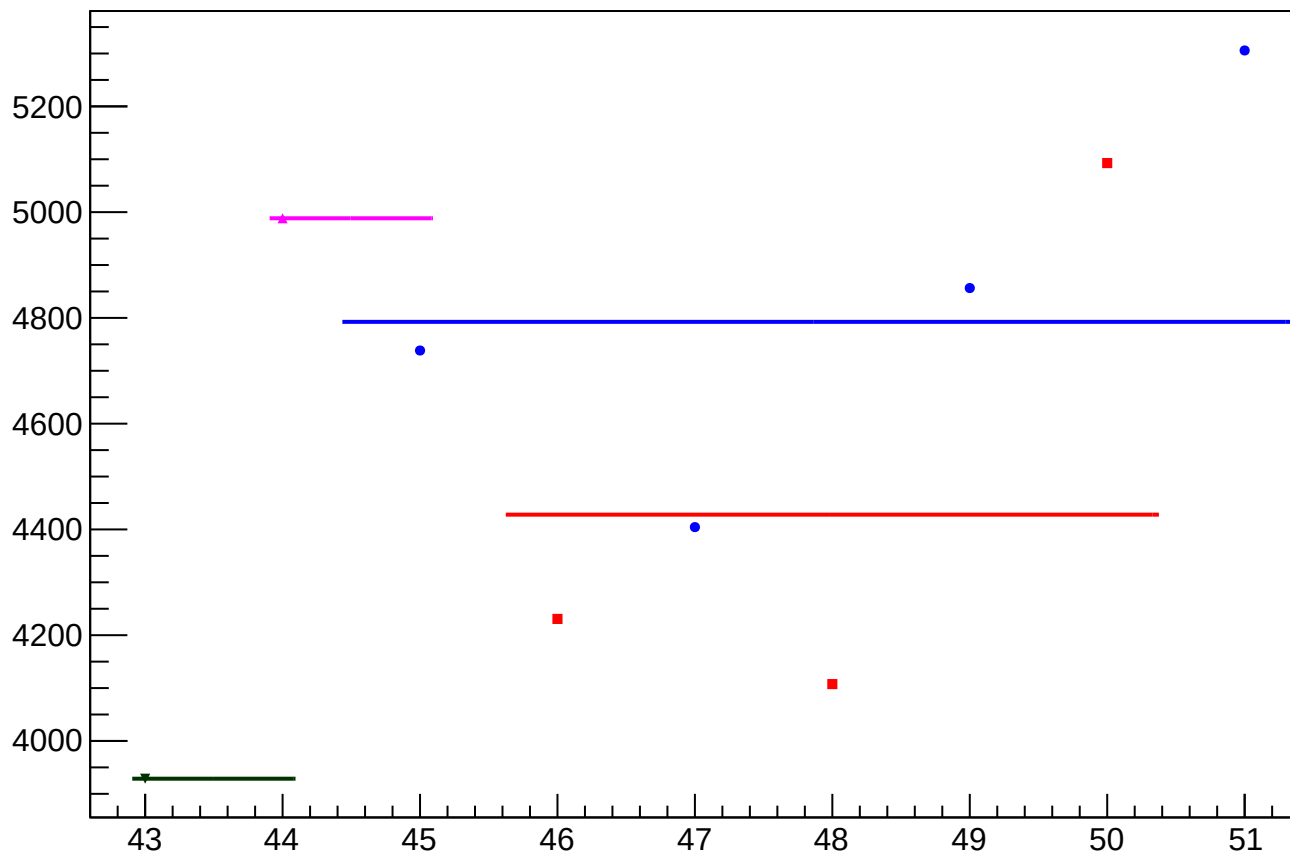
Left Out: 27.217 ± 5.615 χ^2/NDF : 0.0/0

Right Out: -27.824 ± 3.671 χ^2/NDF : 6.8/2

Left In: 35.342 ± 6.967 χ^2/NDF : 0.0/0

-7.975 ± 2.056 χ^2/NDF : 118.9/8

diff_bpm0l01Y_rms vs slug



Right In: 4792.531 $\pm$ 2.132 χ^2 /NDF: 17883.2/3

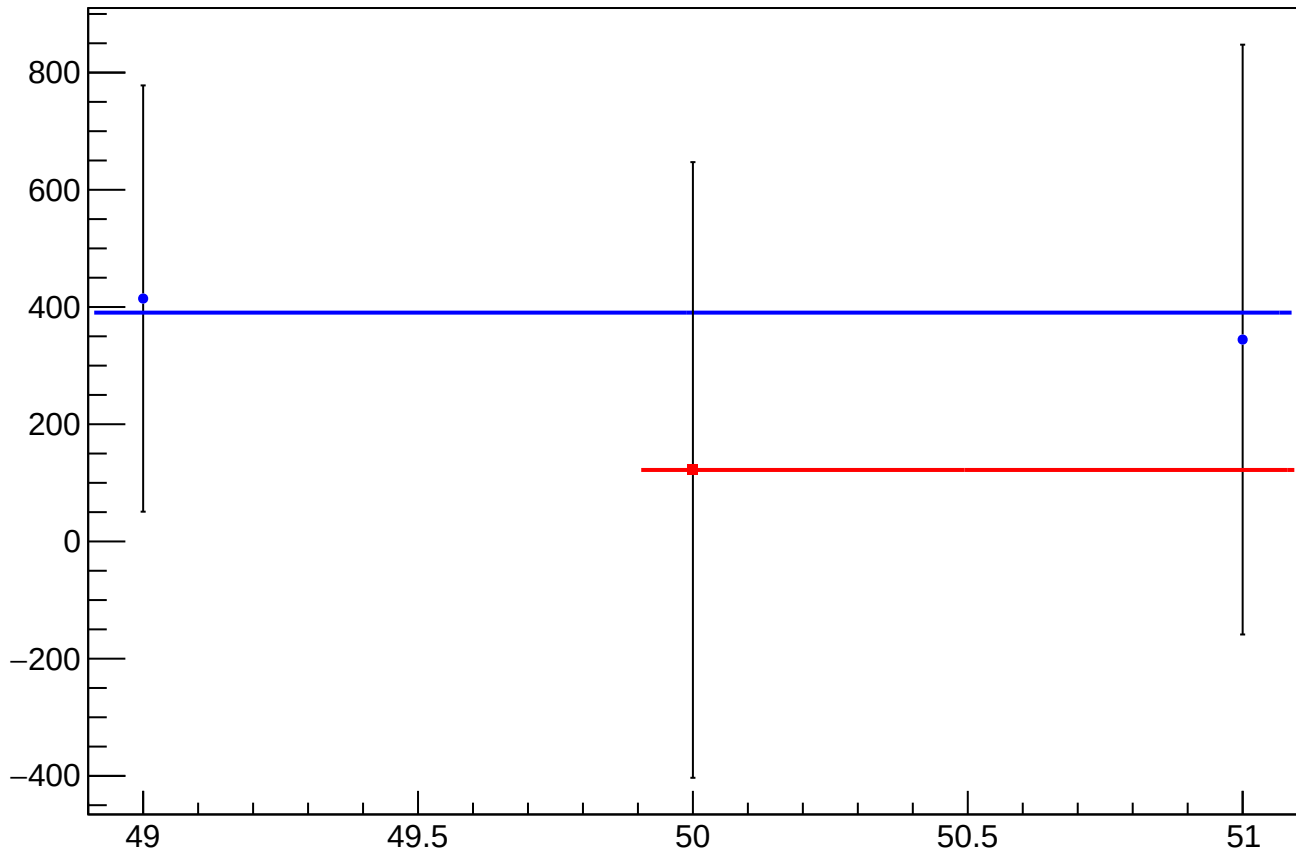
Left Out: 3928.623 $\pm$ 3.970 χ^2 /NDF: 0.0/0

Right Out: 4427.953 $\pm$ 2.596 χ^2 /NDF: 25659.2/2

Left In: 4988.411 $\pm$ 4.927 χ^2 /NDF: 0.0/0

4579.363 $\pm$ 1.454 χ^2 /NDF: 90697.8/8

asym_ds_agg_av_mean vs slug



Right In: 390.427 $\pm$ 294.738 χ^2/NDF : 0.0/1

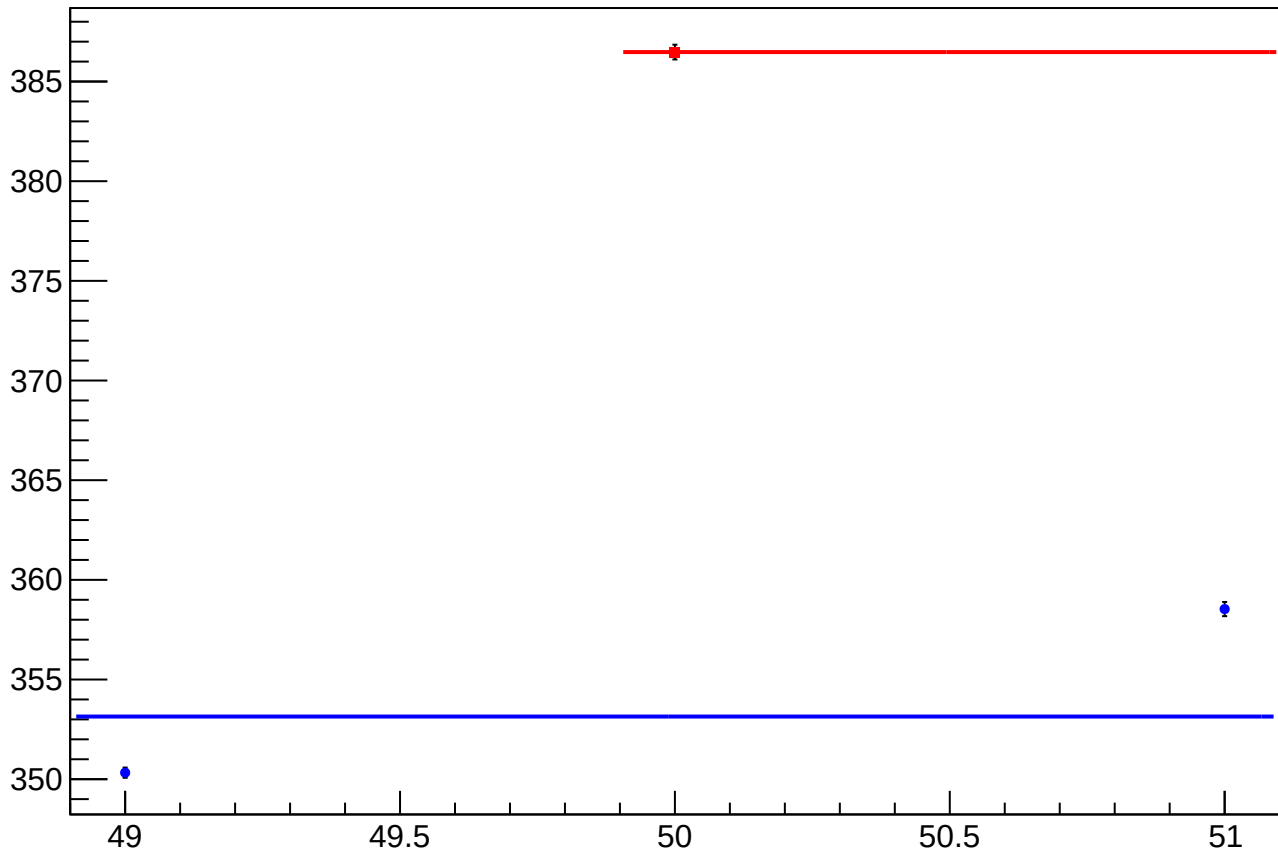
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 121.982 $\pm$ 525.238 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

326.140 $\pm$ 257.034 χ^2/NDF : 0.2/2

asym_ds_agg_av_rms vs slug



Right In: 353.143 ± 0.208 χ^2/NDF : 349.6/1

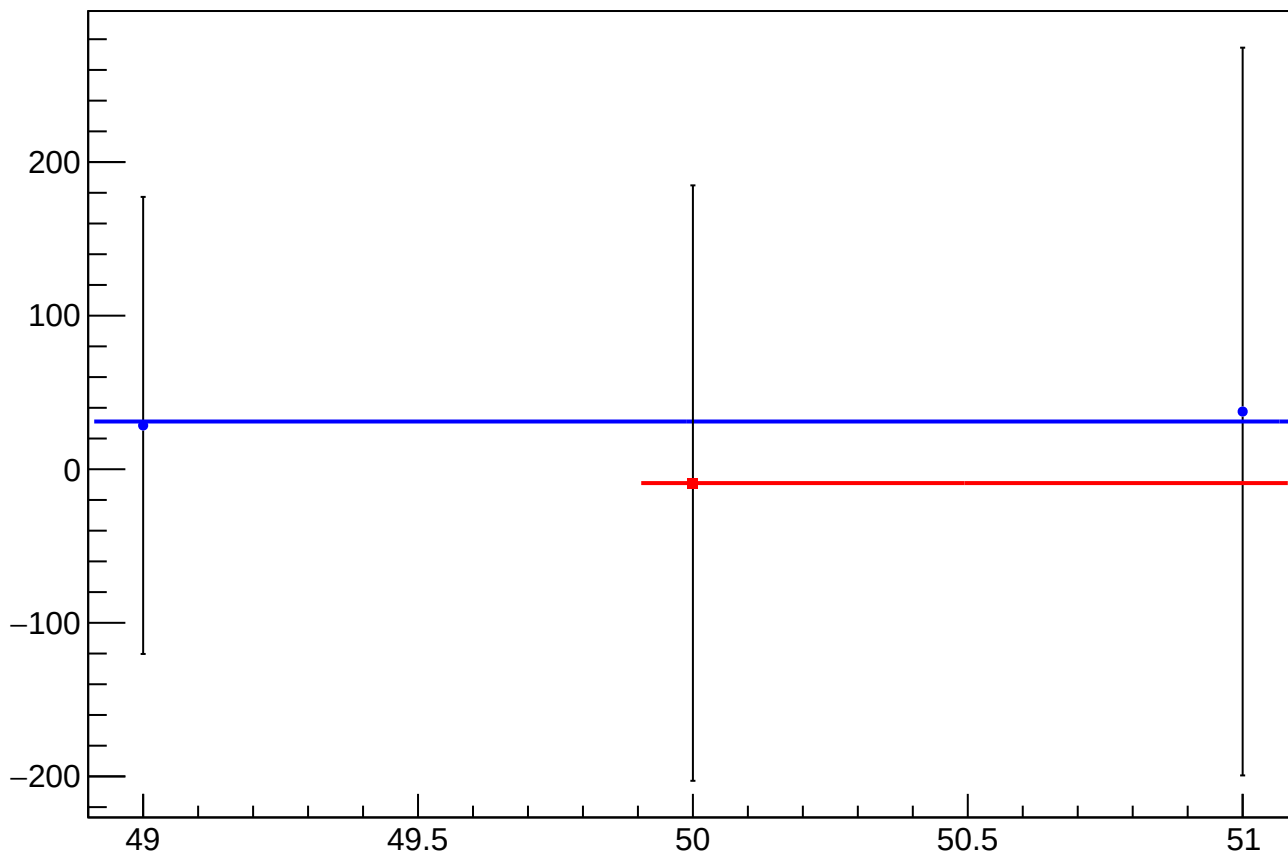
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

361.126 ± 0.182 χ^2/NDF : 6475.9/2

Right Out: 386.477 ± 0.371 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 31.082 $\pm$ 126.011 χ^2/NDF : 0.0/1

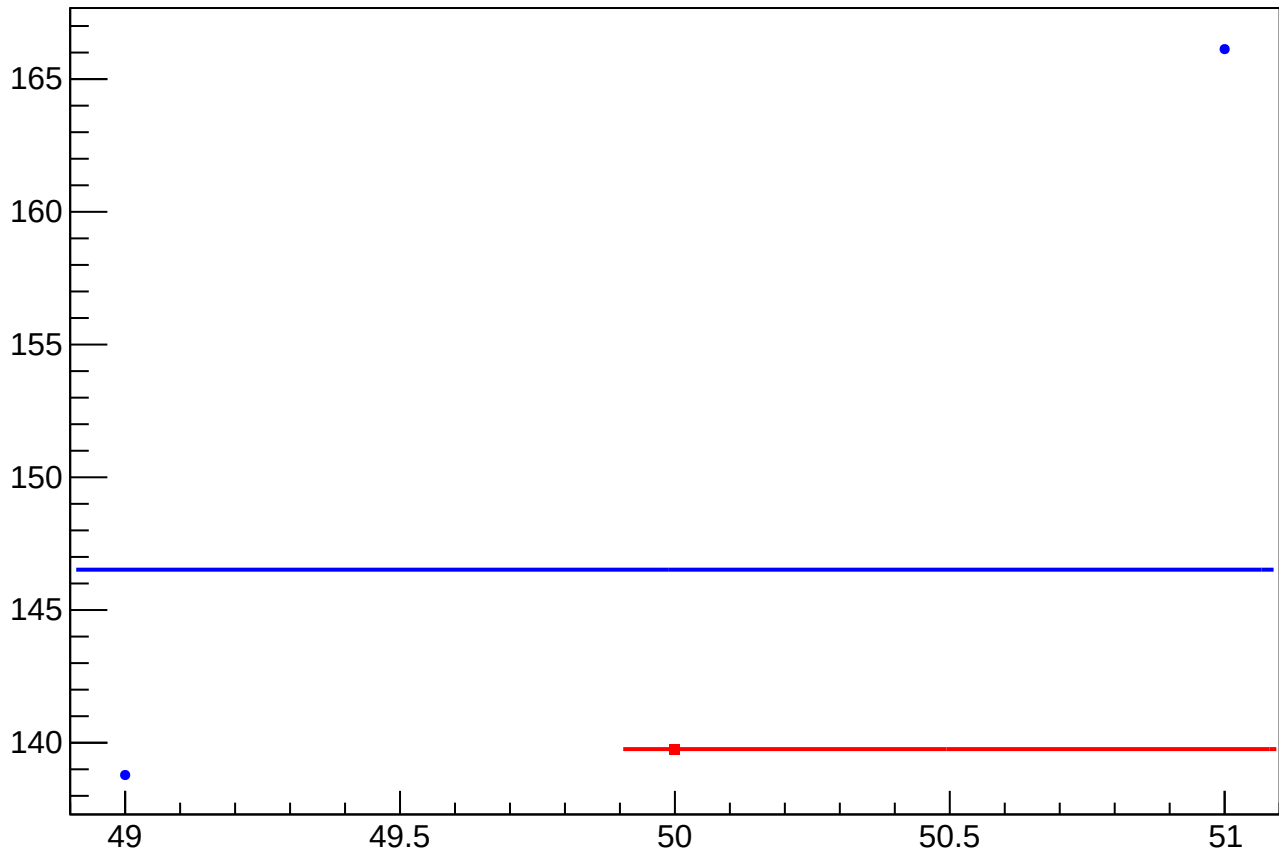
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -9.016 $\pm$ 193.846 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

19.171 $\pm$ 105.651 χ^2/NDF : 0.0/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 146.520 +/- 0.089 χ^2/NDF : 19104.7/1

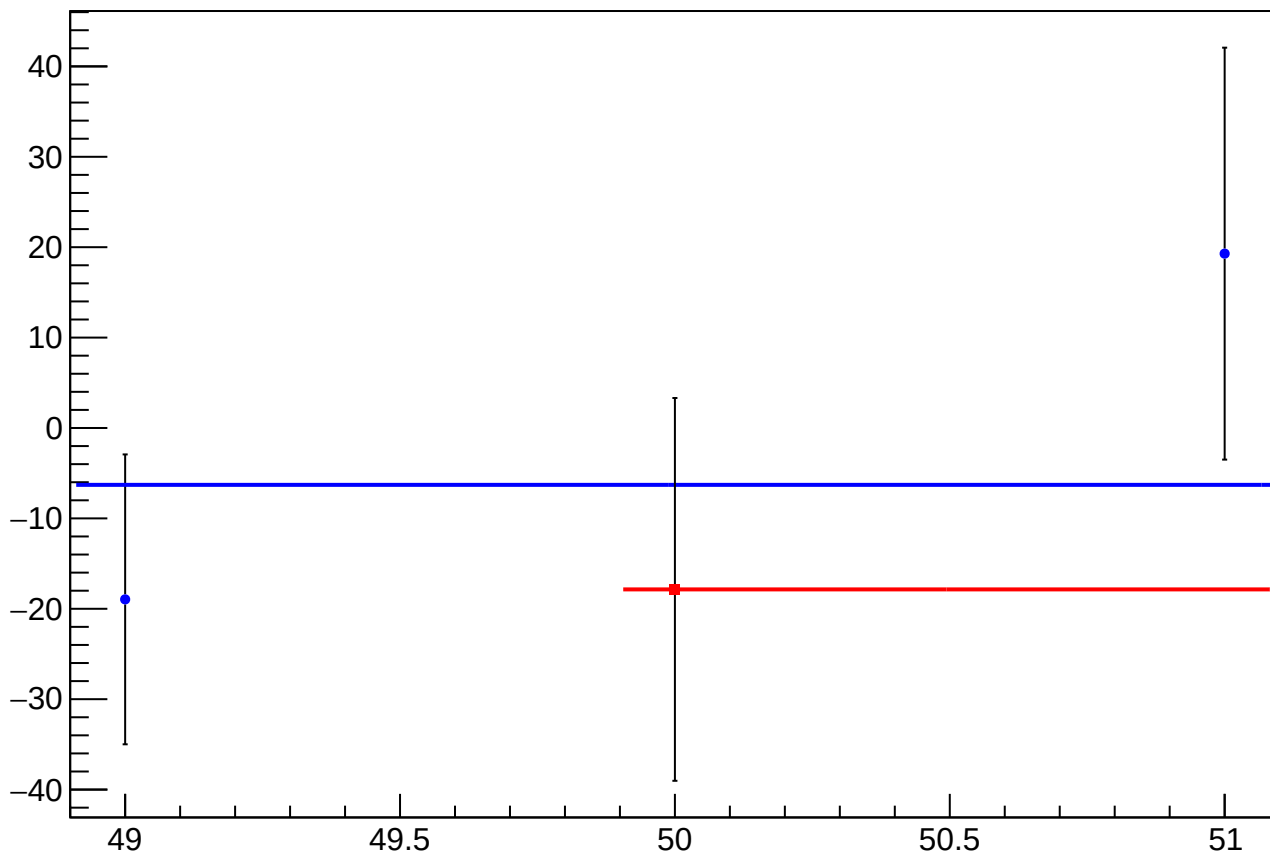
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

144.512 +/- 0.075 χ^2/NDF : 20814.1/2

Right Out: 139.761 +/- 0.137 χ^2/NDF : 0.0/0

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -6.291+/-13.113 χ^2/NDF : 1.9/1

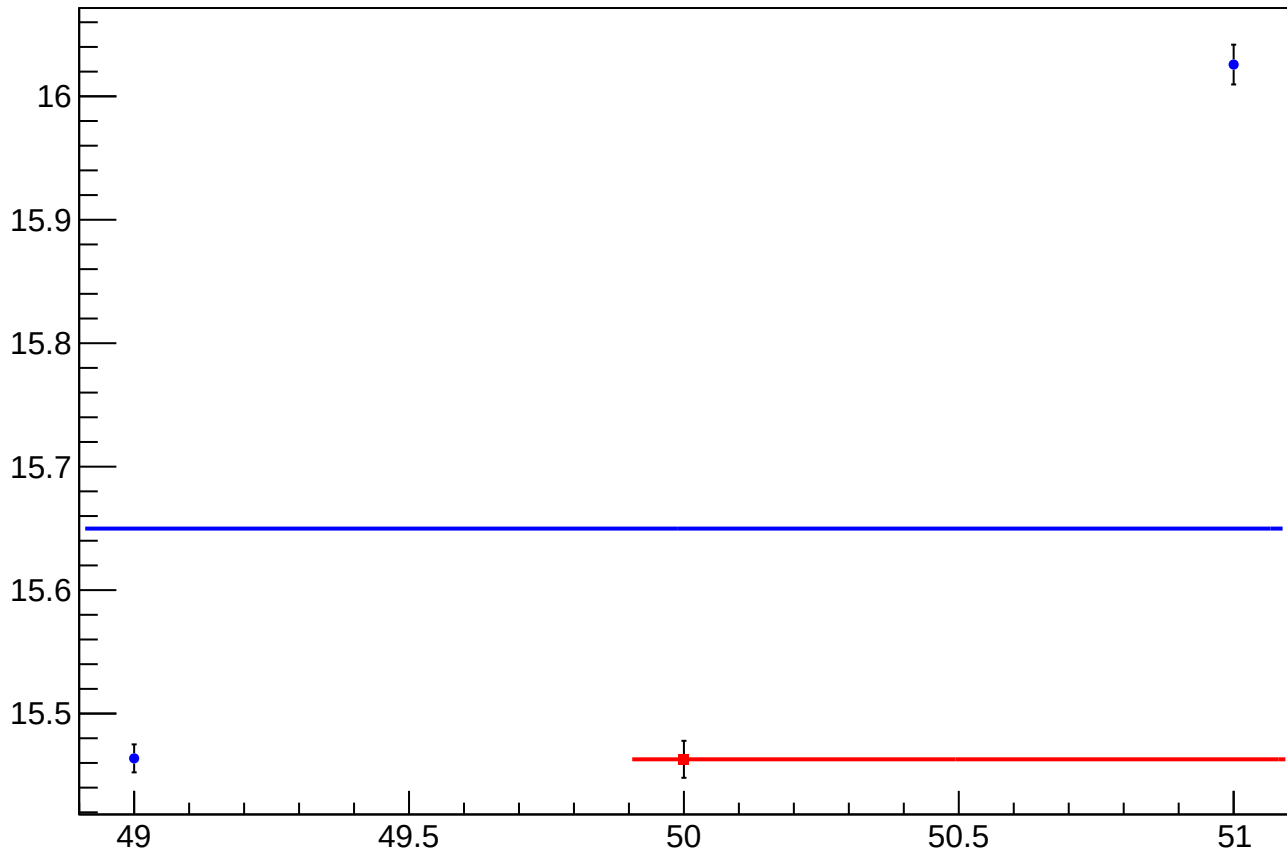
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.855+/-21.173 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.497+/-11.148 χ^2/NDF : 2.1/2

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.650+/-0.009 χ^2 /NDF: 813.8/1

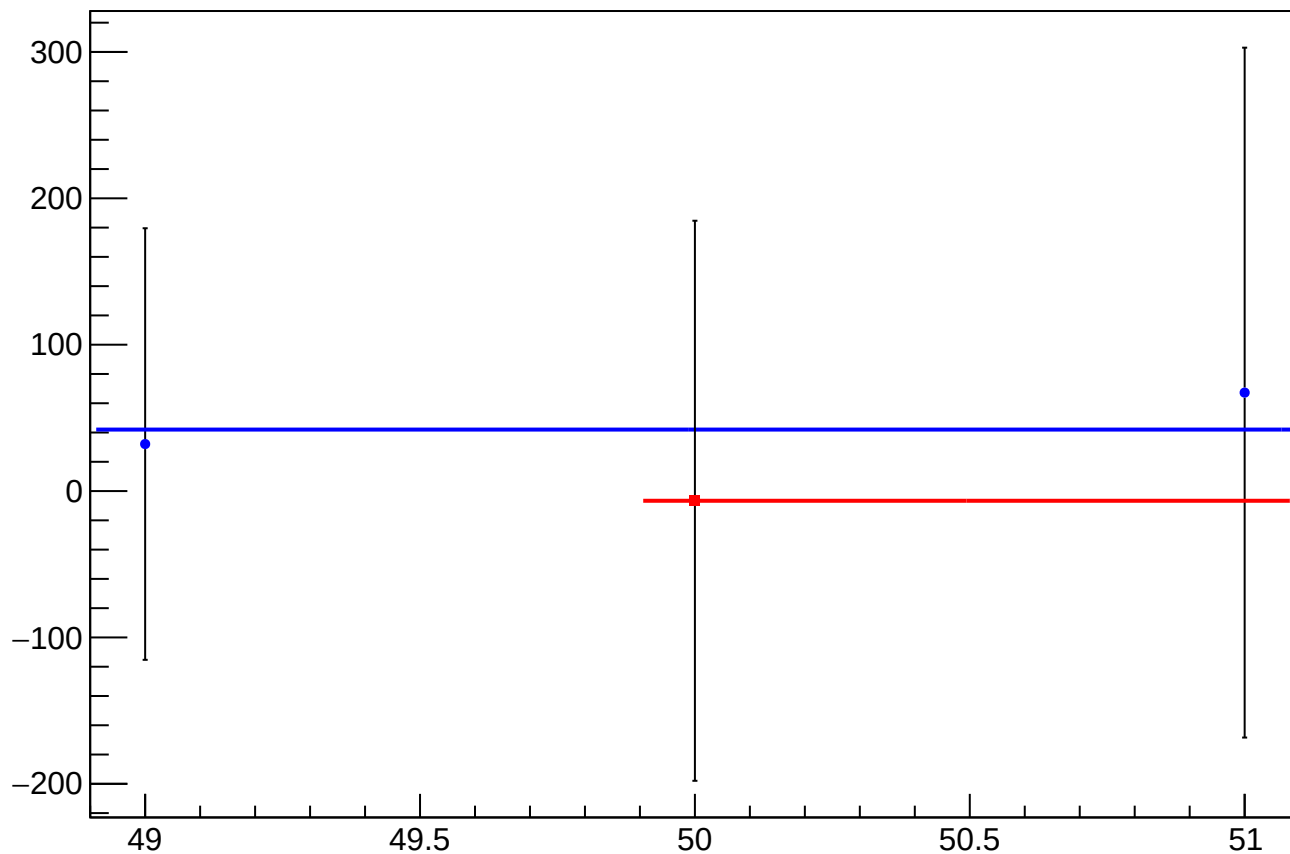
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 15.463+/-0.015 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

15.598+/-0.008 χ^2 /NDF: 926.5/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 42.014 $\pm$ 124.987 χ^2 /NDF: 0.0/1

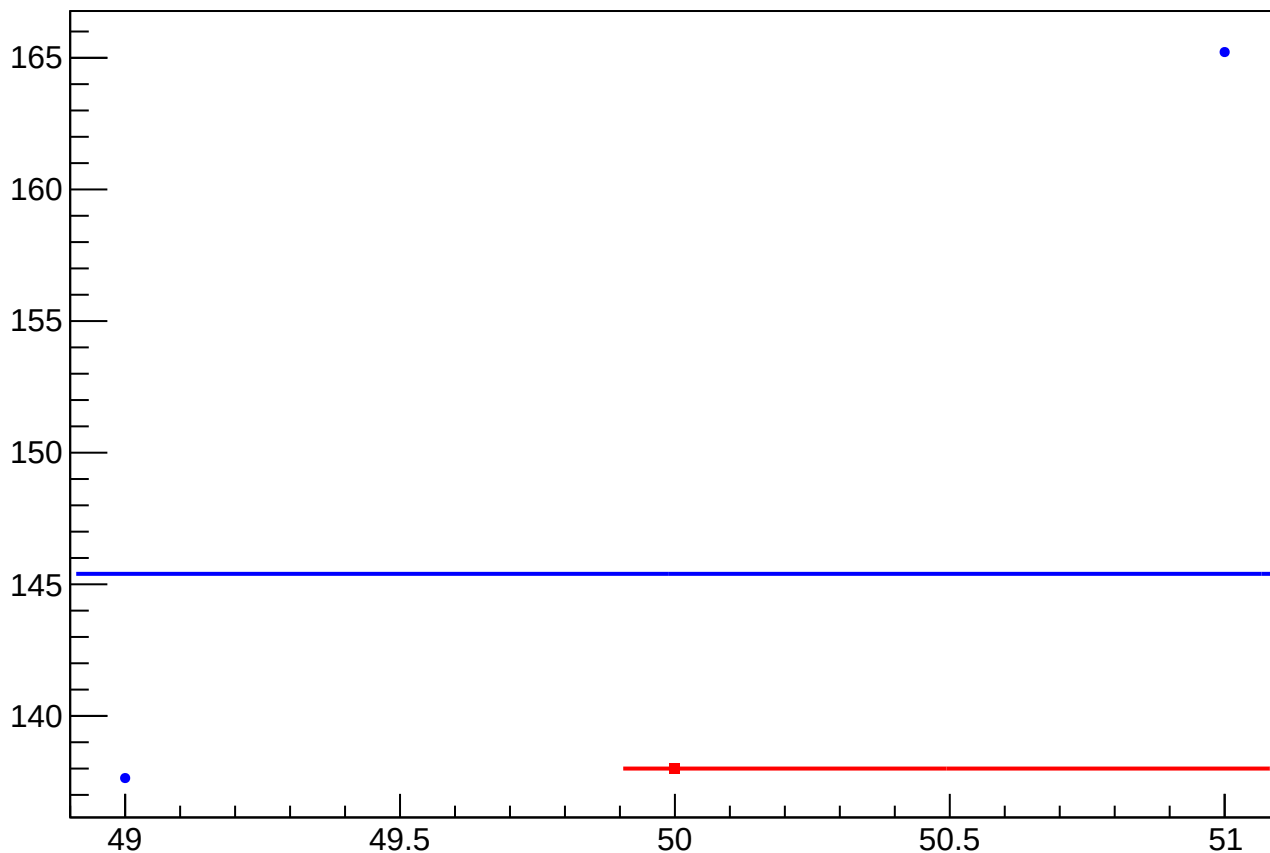
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.626 $\pm$ 191.314 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.464 $\pm$ 104.636 χ^2 /NDF: 0.1/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 145.397 $\pm$ 0.088 χ^2 /NDF: 19687.1/1

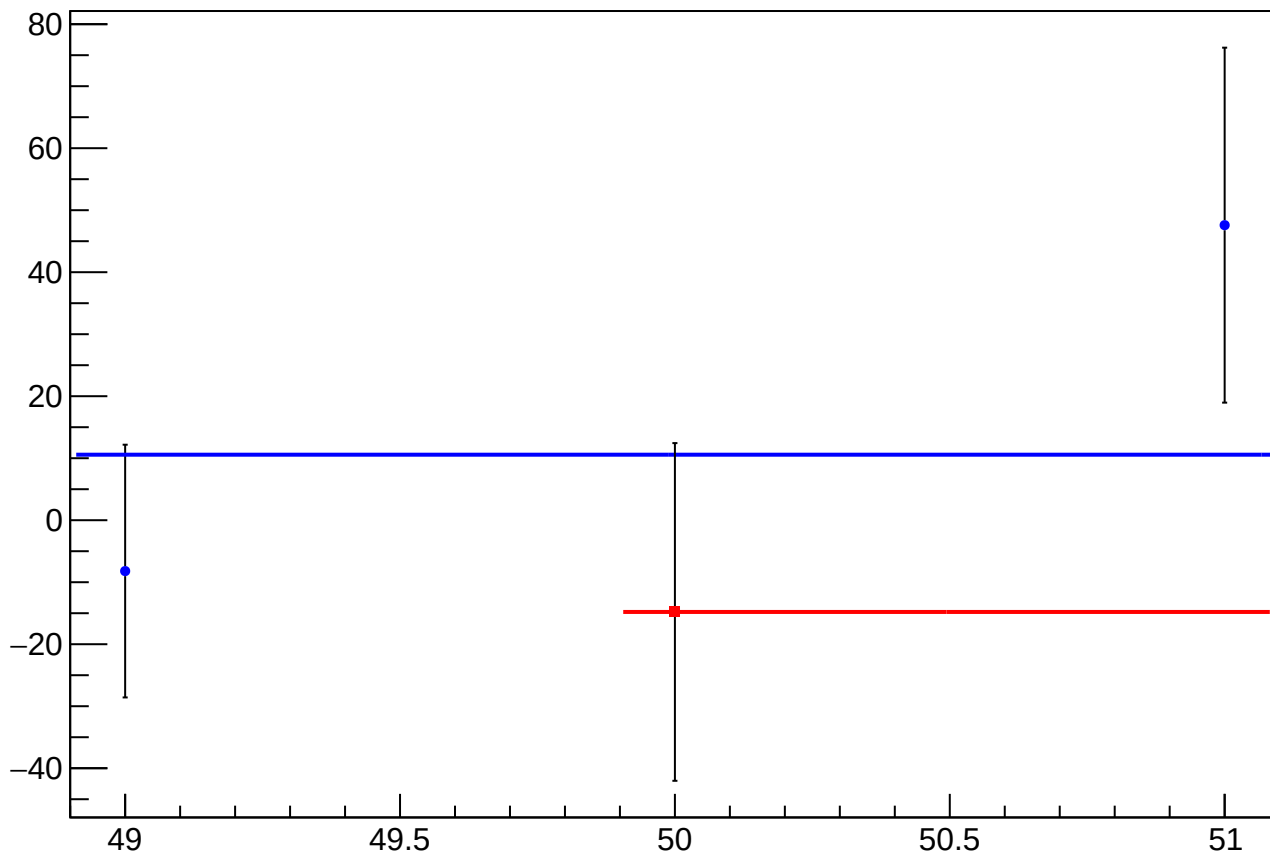
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.185 $\pm$ 0.074 χ^2 /NDF: 21782.6/2

Right Out: 138.000 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: 10.566+/-16.603 χ^2/NDF : 2.5/1

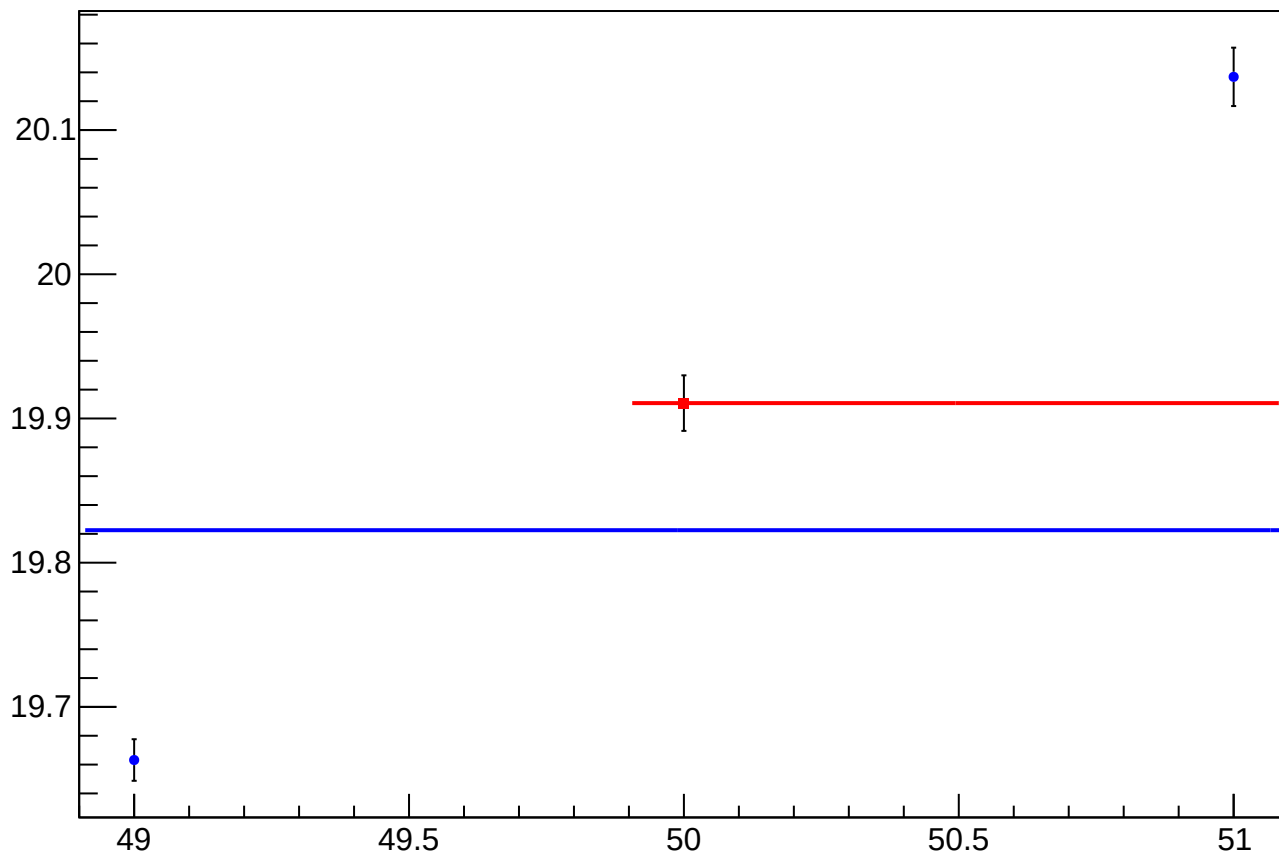
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.694+/-14.176 χ^2/NDF : 3.2/2

Right Out: -14.796+/-27.233 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.823+/-0.012 χ^2 /NDF: 363.5/1

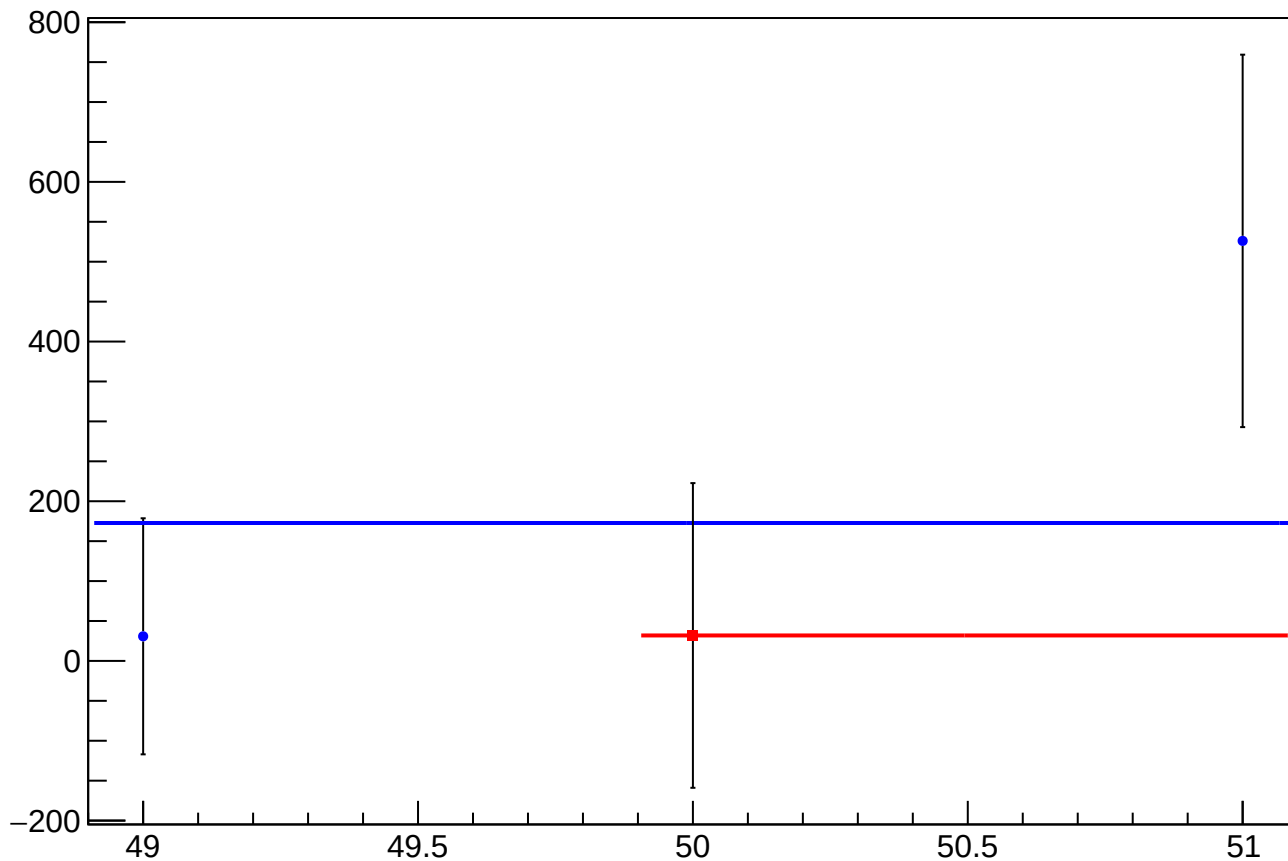
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.846+/-0.010 χ^2 /NDF: 378.7/2

Right Out: 19.911+/-0.019 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 172.749 $\pm$ 124.868 χ^2 /NDF: 3.2/1

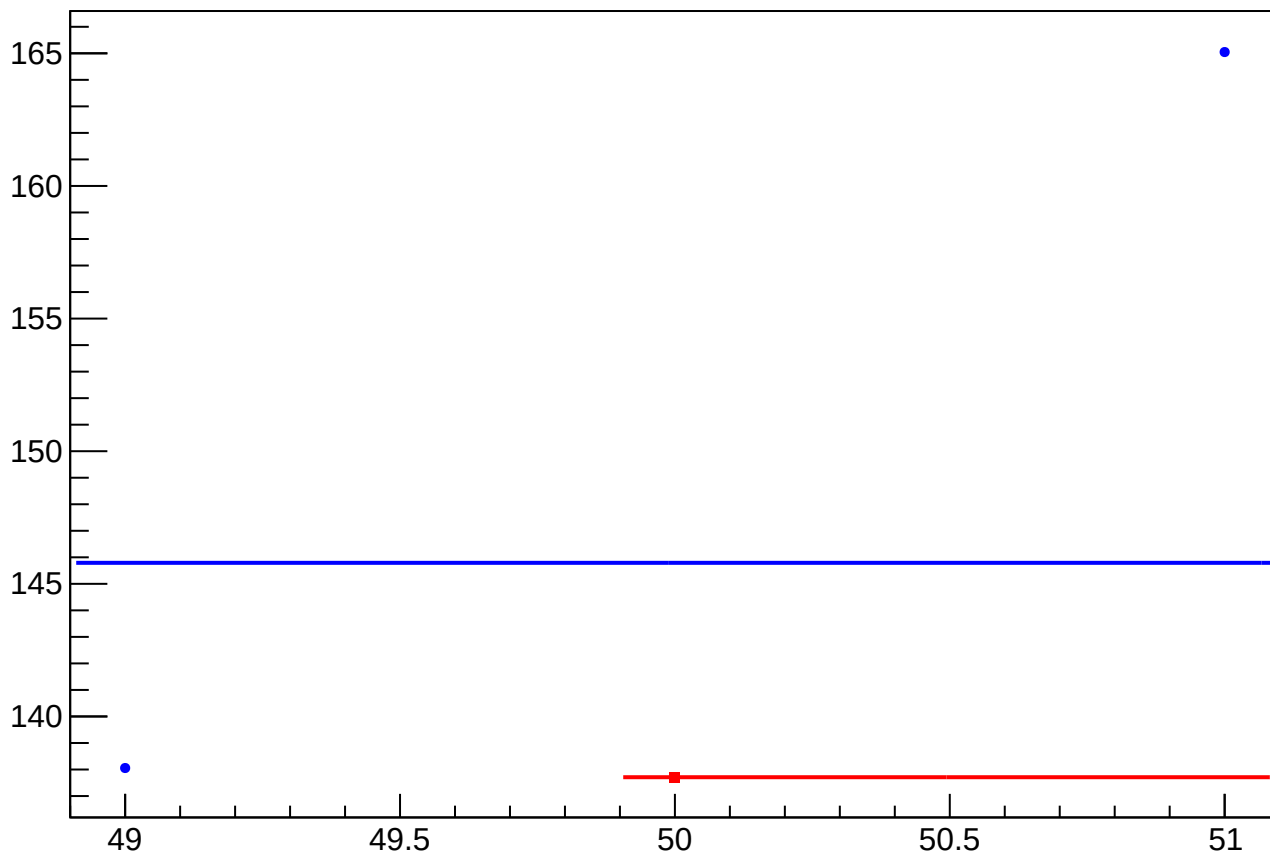
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.892 $\pm$ 190.815 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.516 $\pm$ 104.484 χ^2 /NDF: 3.6/2

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 145.792 $\pm$ 0.088 χ^2 /NDF: 19106.8/1

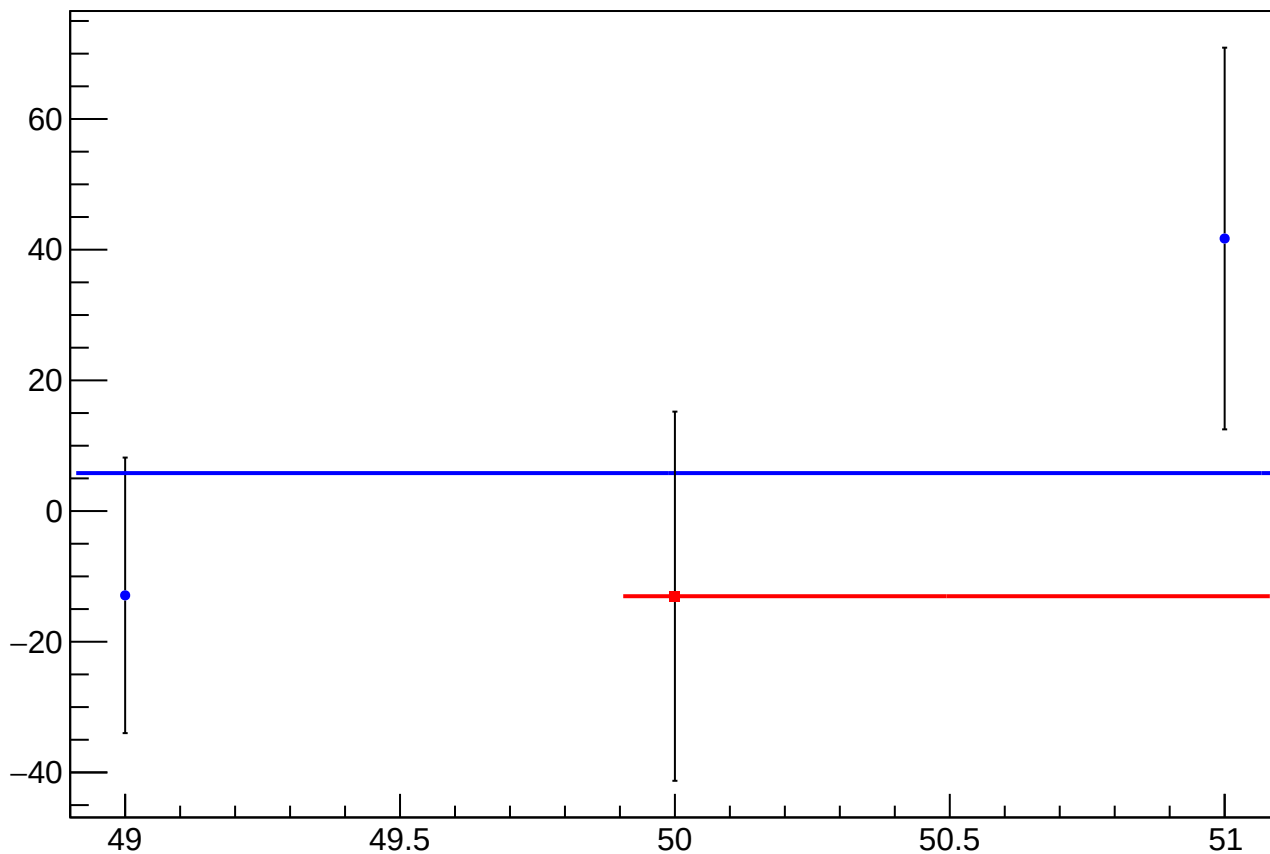
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

143.369 $\pm$ 0.074 χ^2 /NDF: 21619.2/2

Right Out: 137.710 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: 5.809+/-17.095 χ^2 /NDF: 2.3/1

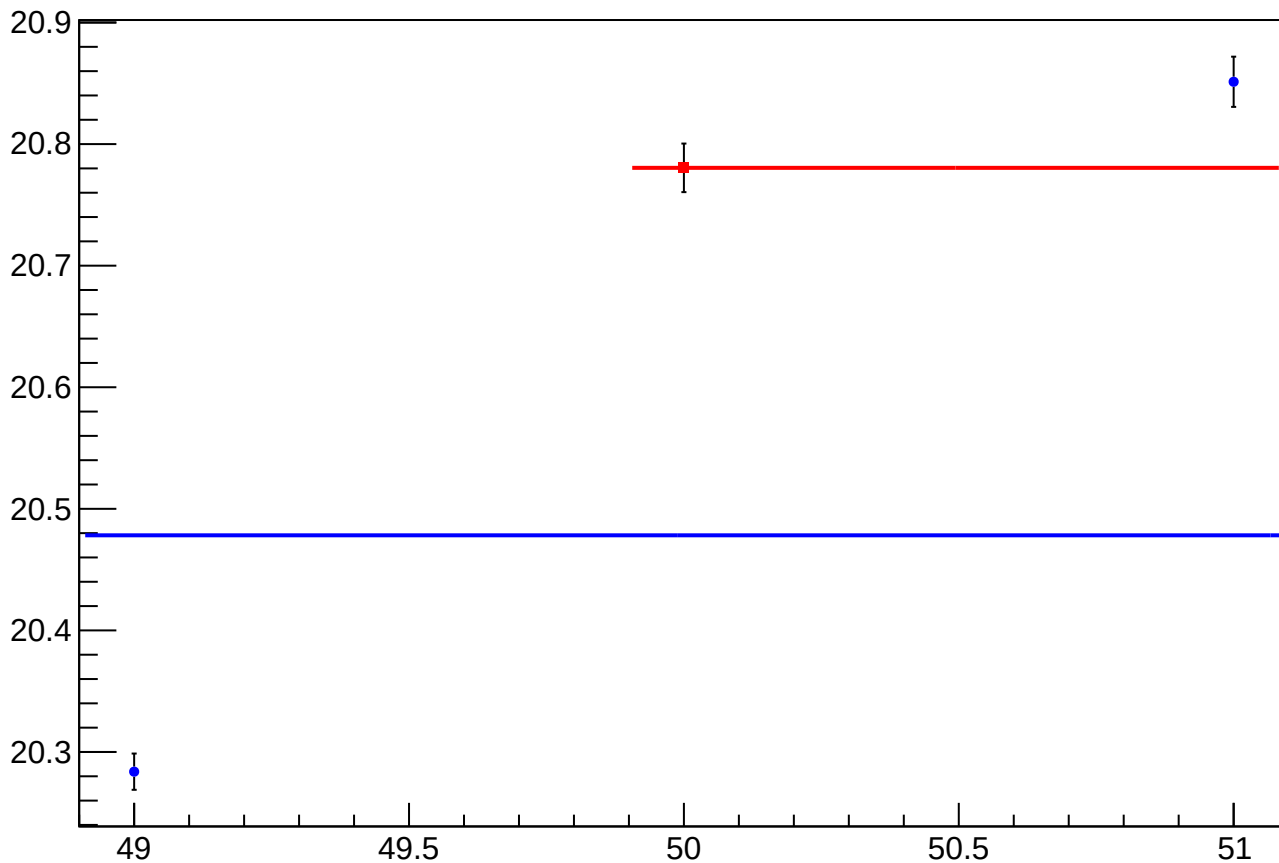
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -13.032+/-28.249 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.758+/-14.626 χ^2 /NDF: 2.6/2

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.478+/-0.012 χ^2 /NDF: 496.3/1

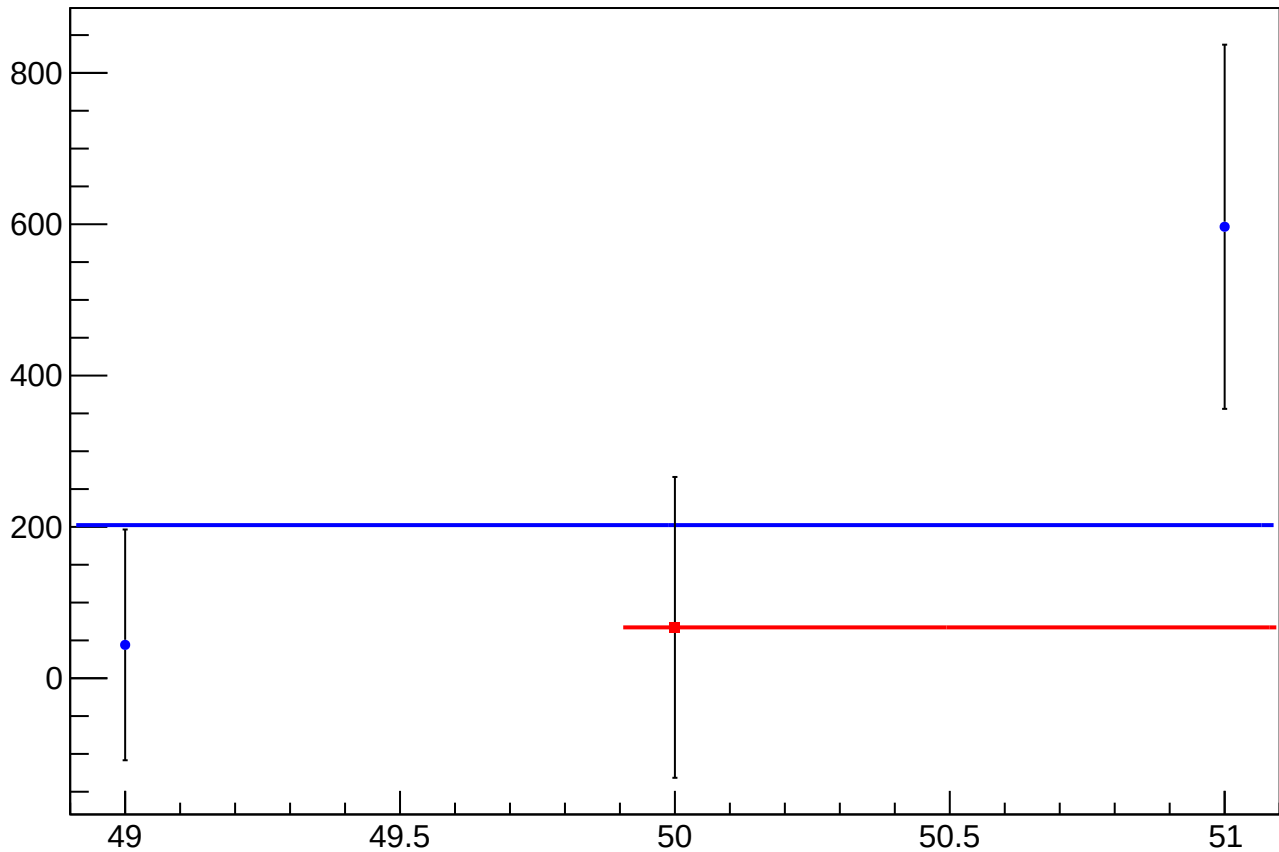
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 20.780+/-0.020 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

20.559+/-0.010 χ^2 /NDF: 663.9/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 202.368 $\pm$ 128.803 χ^2 /NDF: 3.8/1

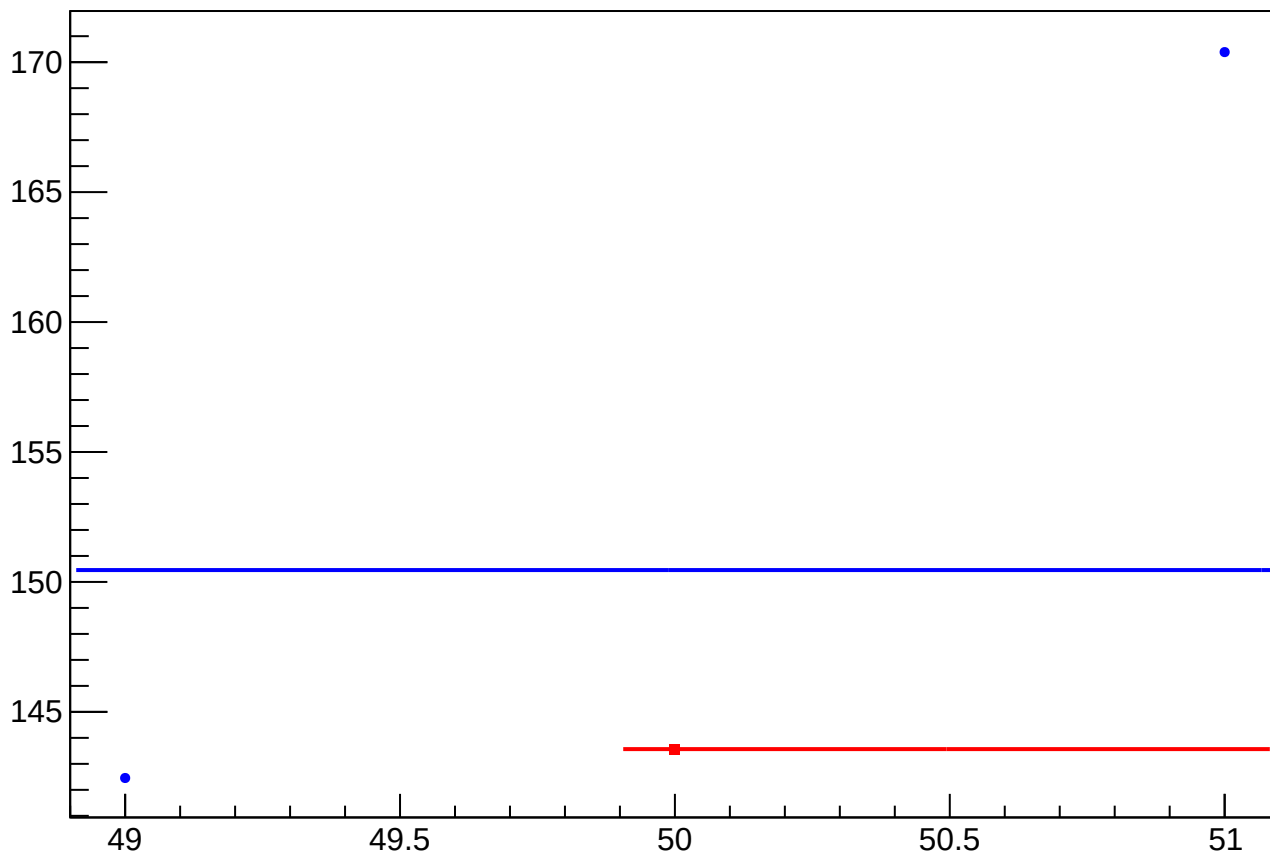
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.212 $\pm$ 198.792 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

162.405 $\pm$ 108.096 χ^2 /NDF: 4.1/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 150.457 $\pm$ 0.091 χ^2 /NDF: 19224.2/1

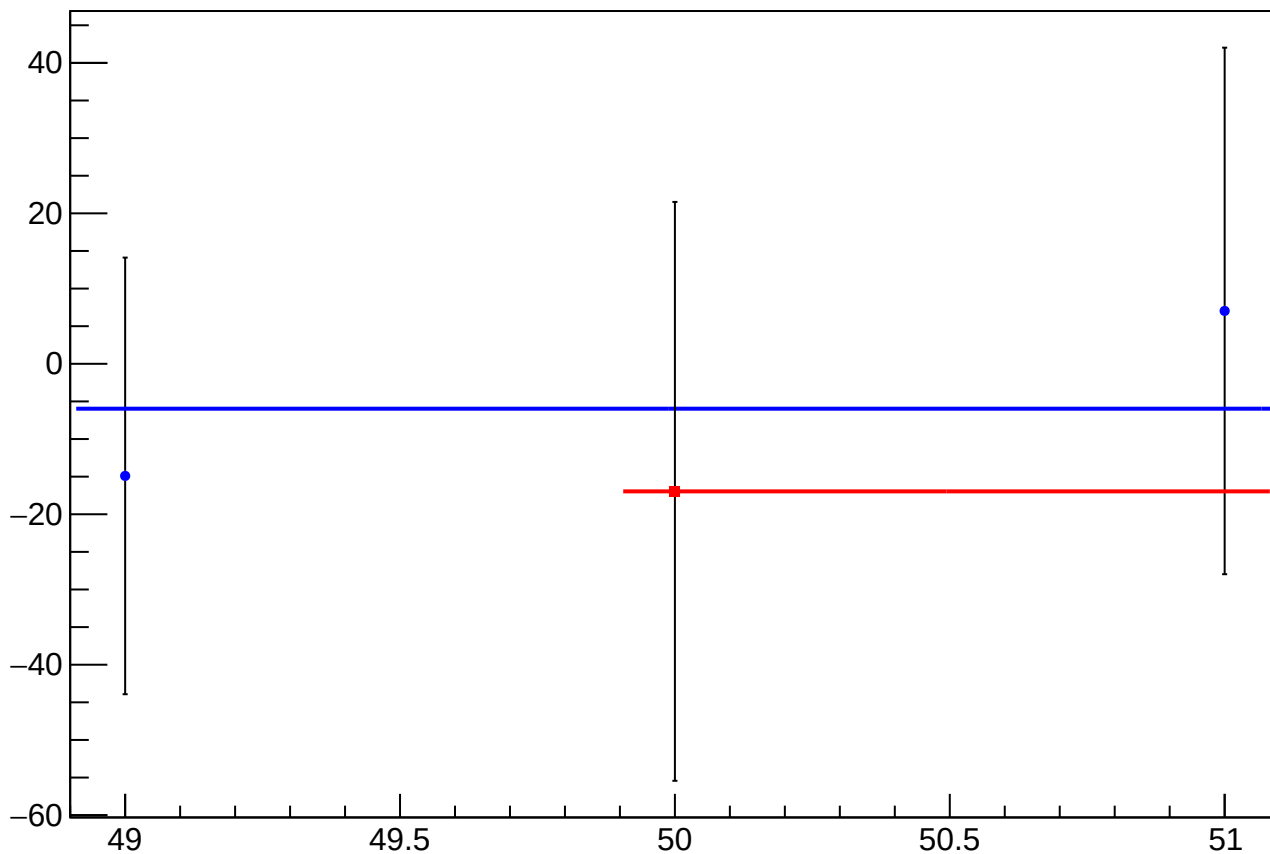
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

148.420 $\pm$ 0.076 χ^2 /NDF: 20915.9/2

Right Out: 143.568 $\pm$ 0.141 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -5.967+/-22.338 χ^2/NDF : 0.2/1

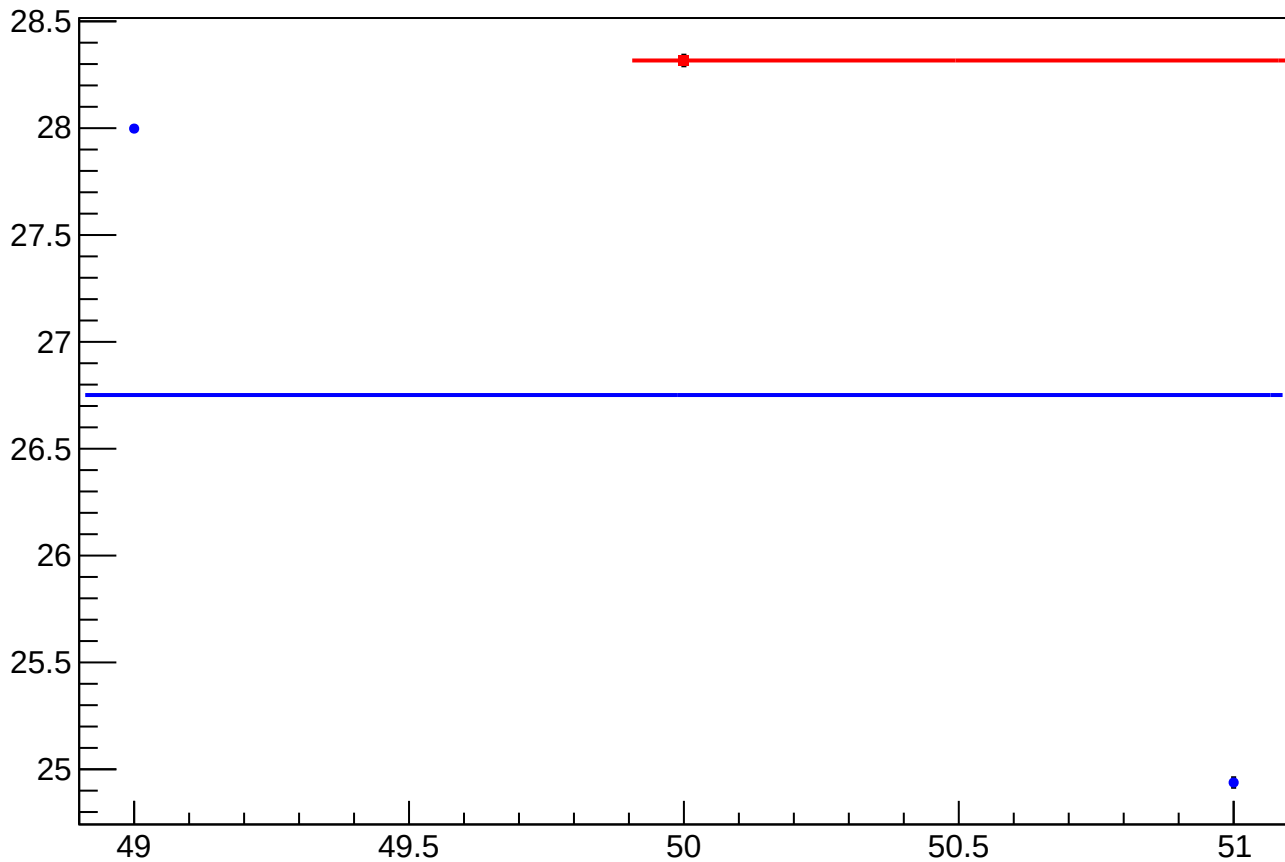
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.956+/-38.474 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.738+/-19.318 χ^2/NDF : 0.3/2

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 26.751 $\pm$ 0.016 χ^2 /NDF: 9060.2/1

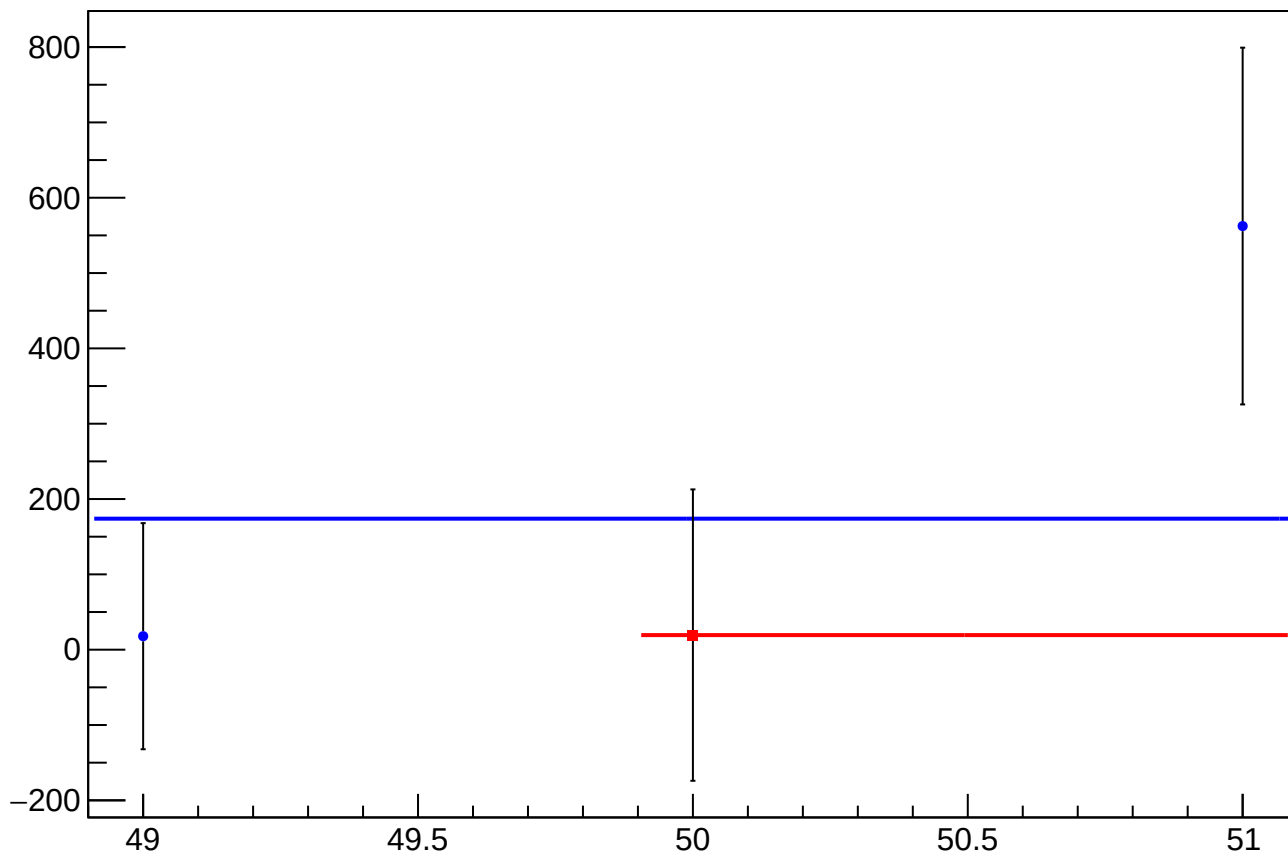
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.146 $\pm$ 0.014 χ^2 /NDF: 11536.6/2

Right Out: 28.317 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 173.931 $\pm$ 126.769 χ^2 /NDF: 3.8/1

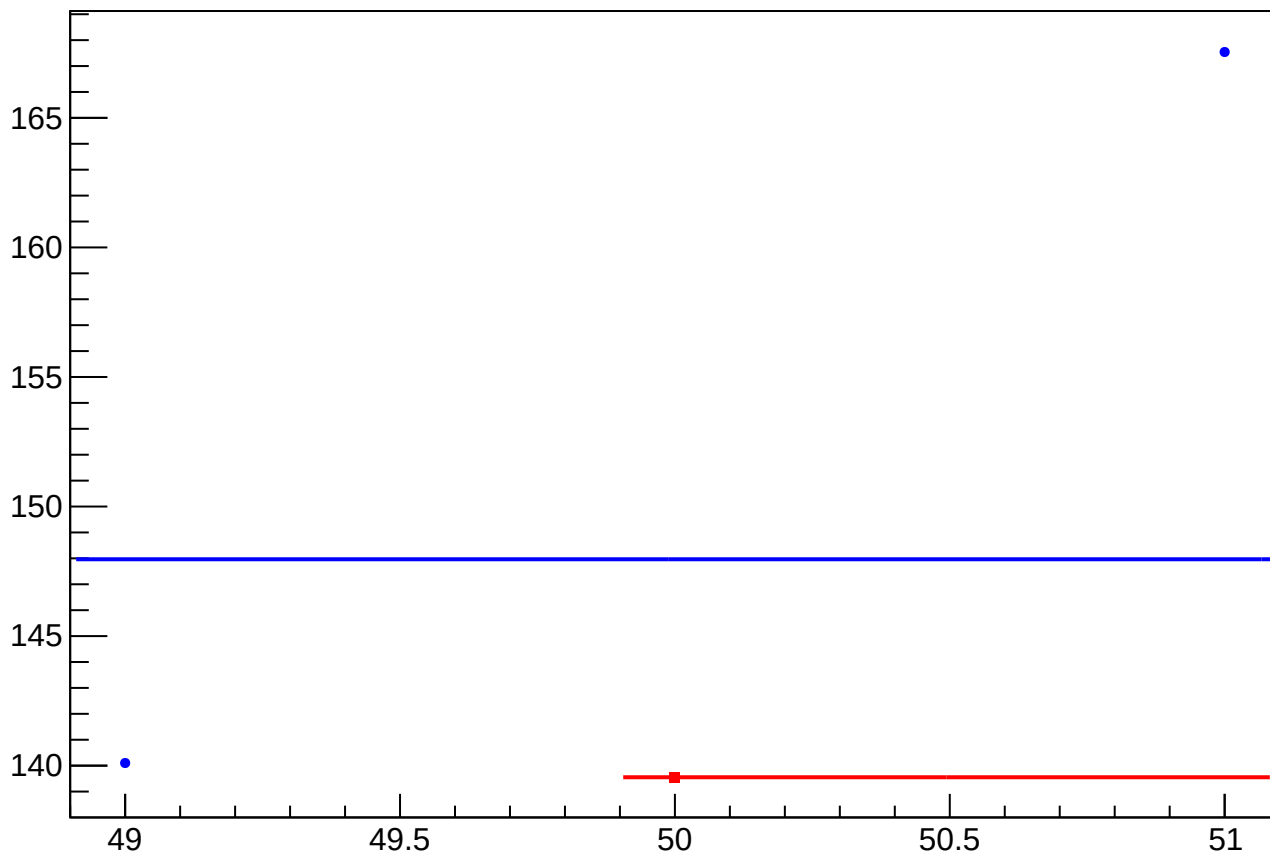
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.366 $\pm$ 193.425 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127.488 $\pm$ 106.027 χ^2 /NDF: 4.2/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 147.965 $\pm$ 0.090 χ^2 /NDF: 19156.9/1

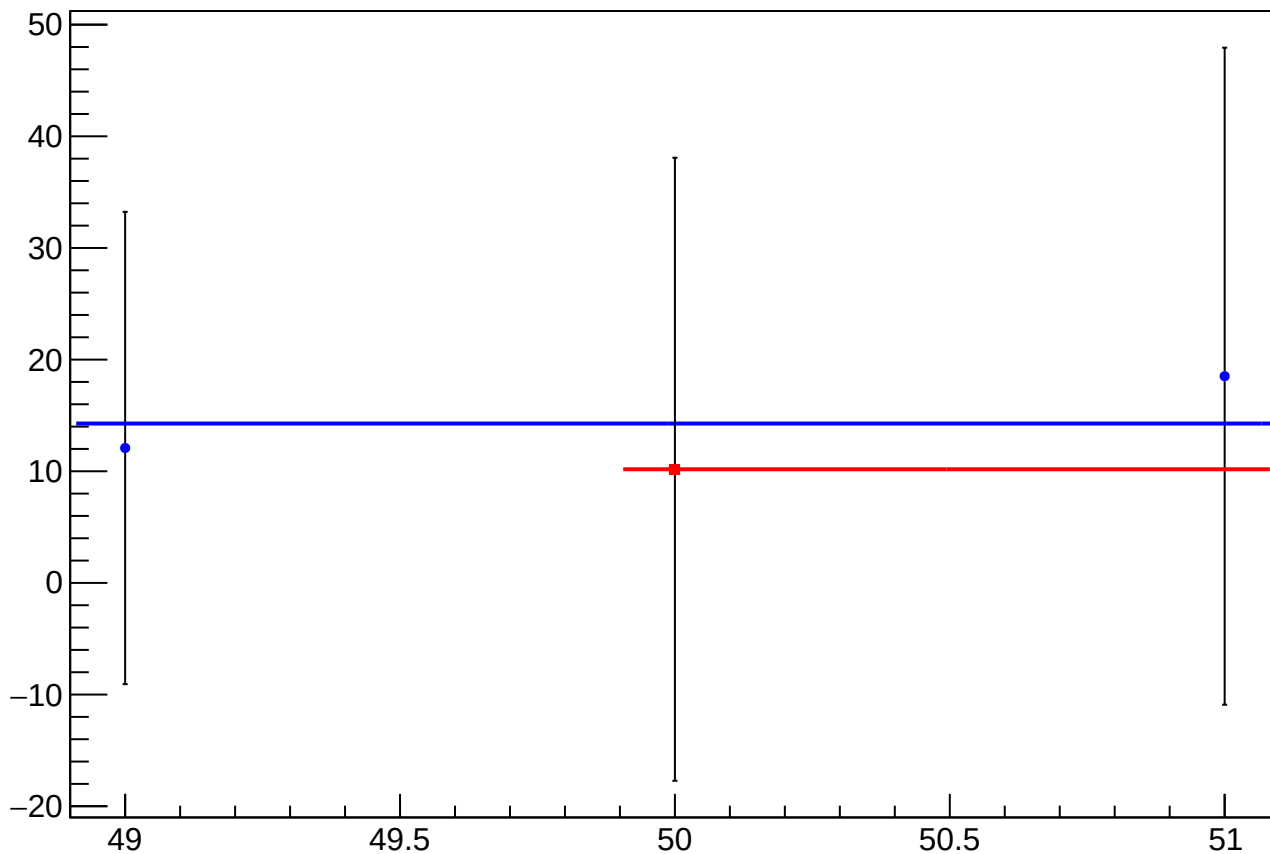
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.552 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

145.437 $\pm$ 0.075 χ^2 /NDF: 21803.5/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.274 ± 17.174 χ^2/NDF : 0.0/1

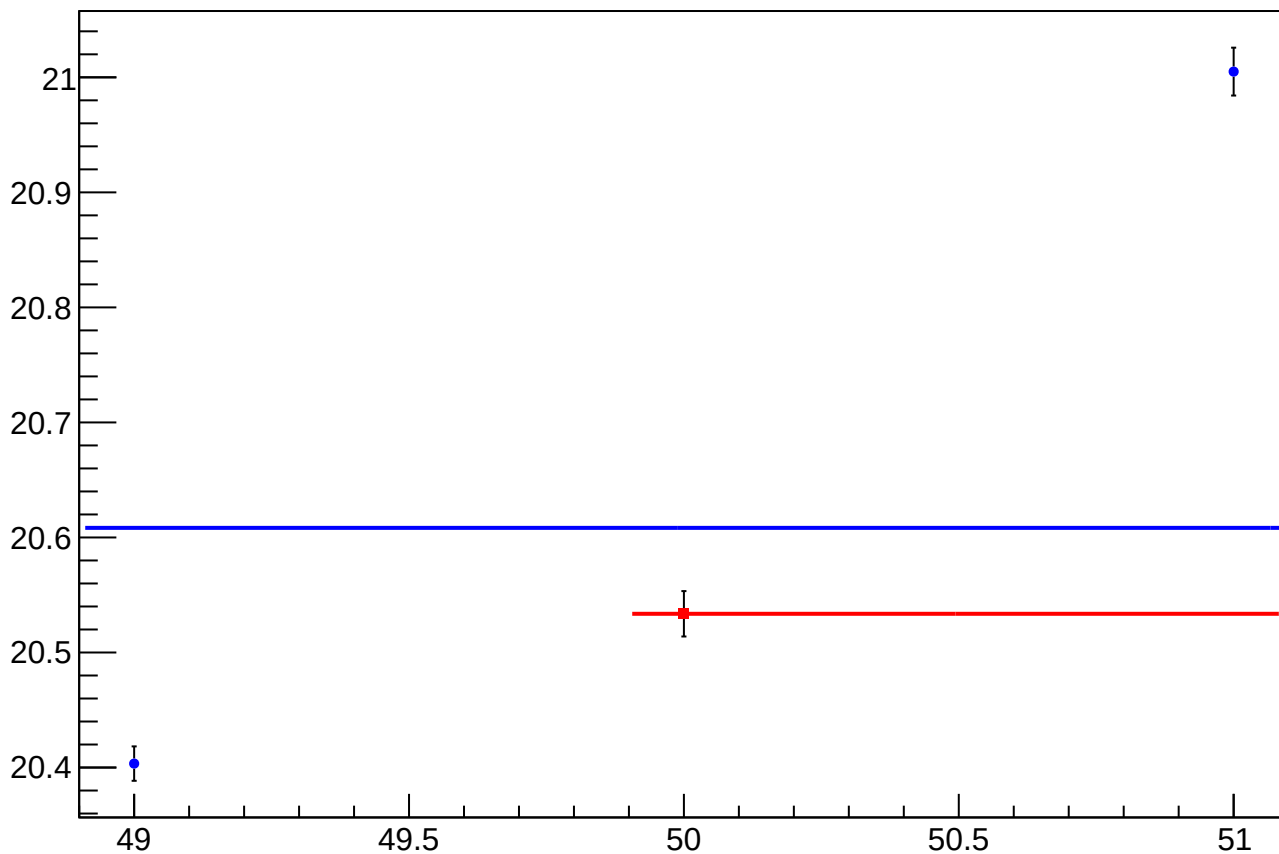
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.179 ± 27.902 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

13.149 ± 14.626 χ^2/NDF : 0.0/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.608 $\pm$ 0.012 χ^2 /NDF: 551.1/1

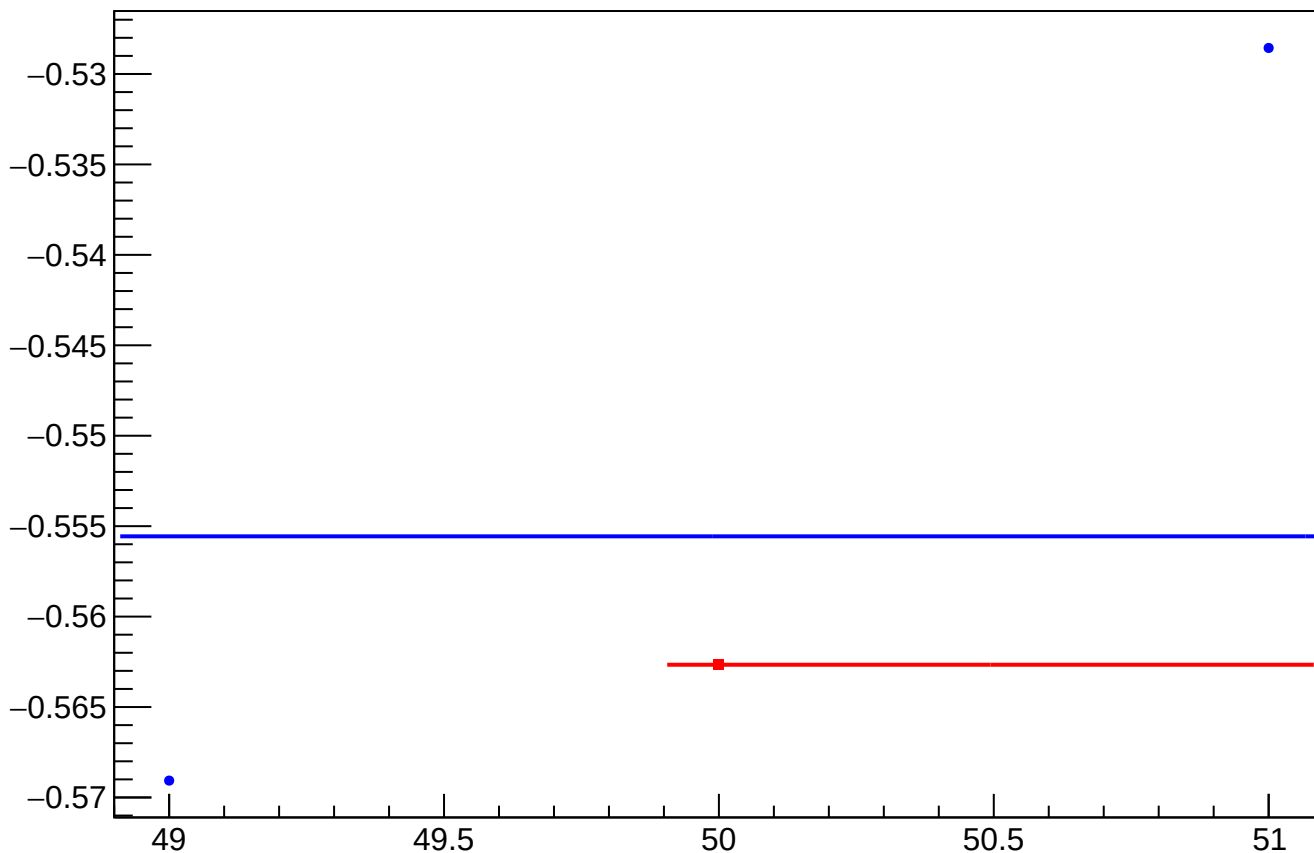
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.534 $\pm$ 0.020 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.588 $\pm$ 0.010 χ^2 /NDF: 561.5/2

yield_bpm0l01X_mean vs slug



Right In: -0.556+/-0.000 χ^2/NDF : 4341711.0/1

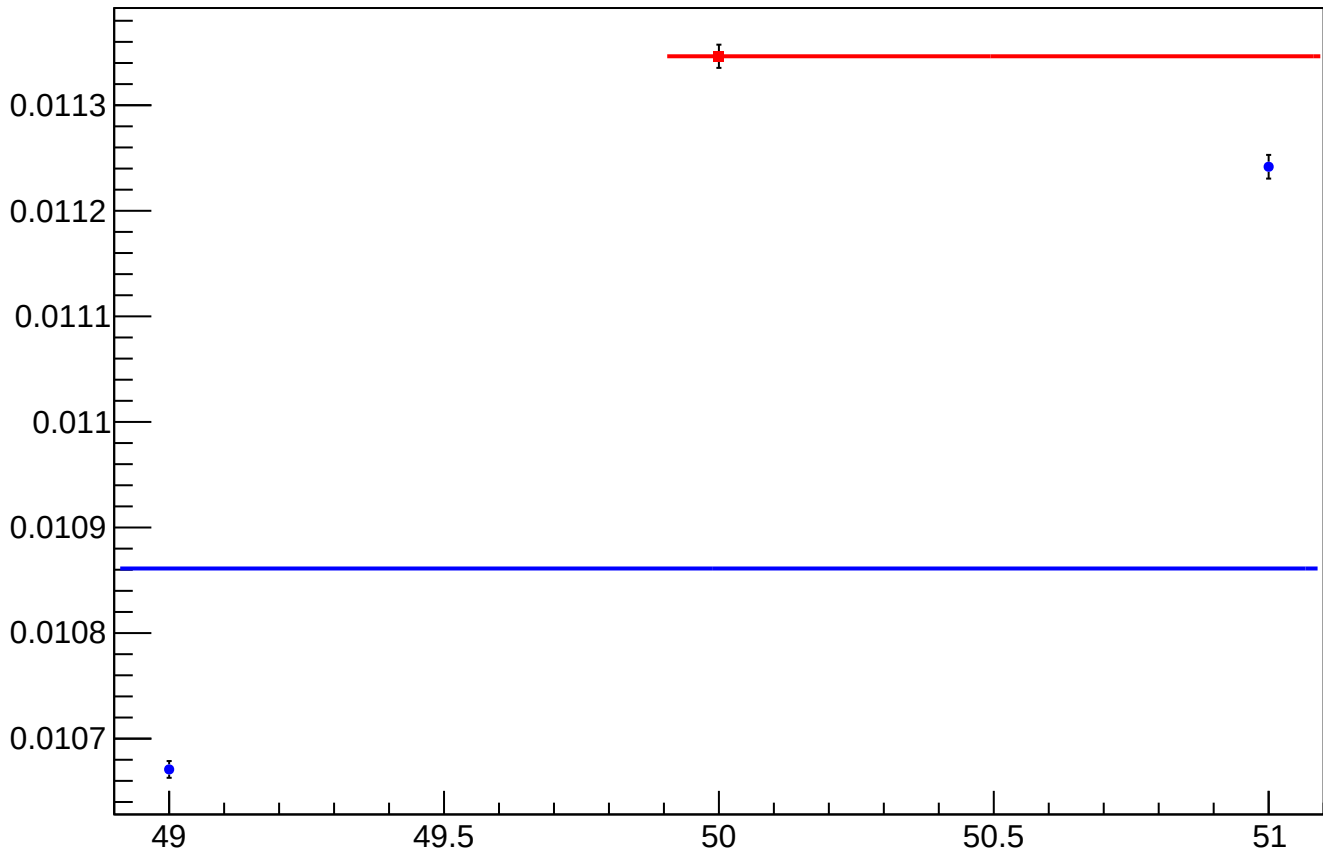
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.557+/-0.000 χ^2/NDF : 4496463.6/2

Right Out: -0.563+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1724.7/1

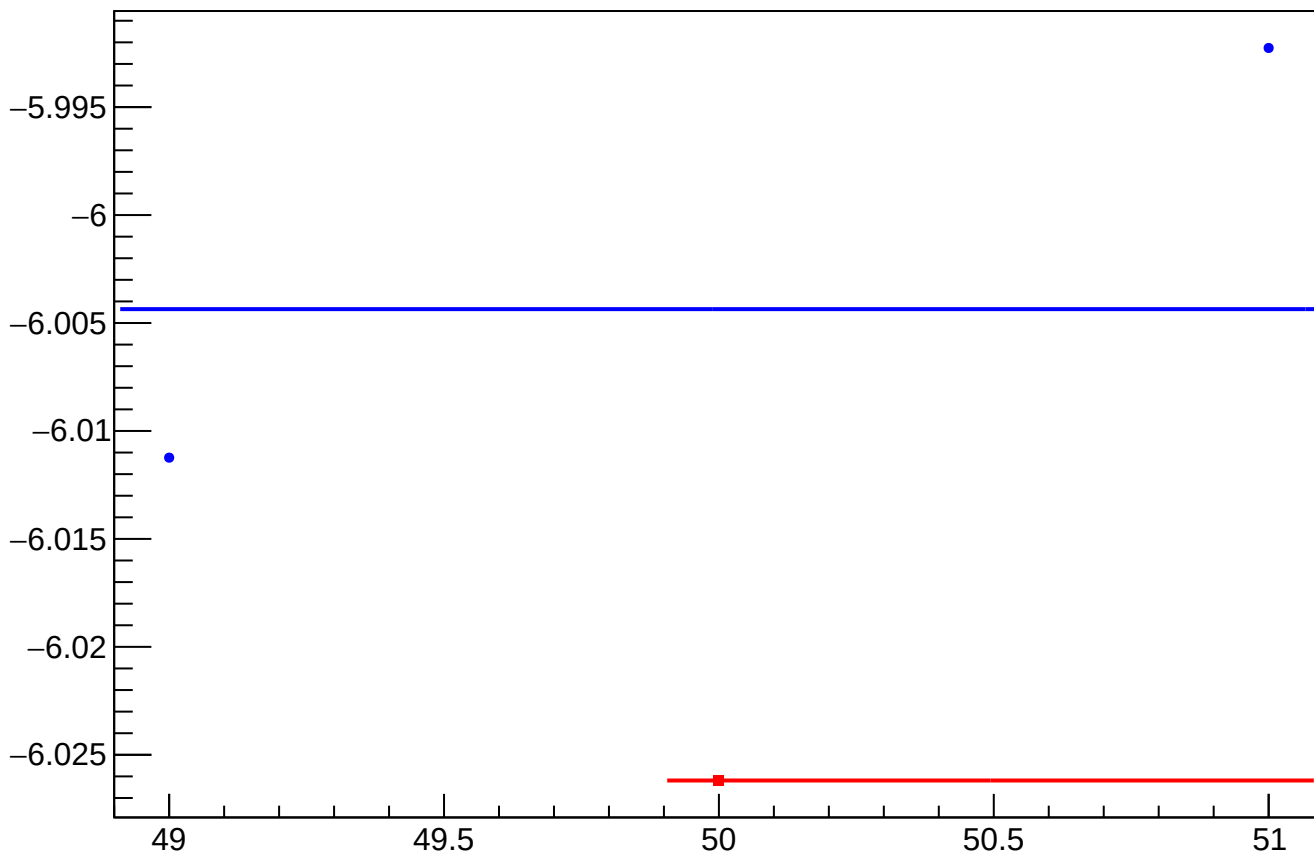
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.011+/-0.000 χ^2/NDF : 3170.4/2

Right Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



Right In: -6.004+/-0.000 χ^2/NDF : 1160915.2/1

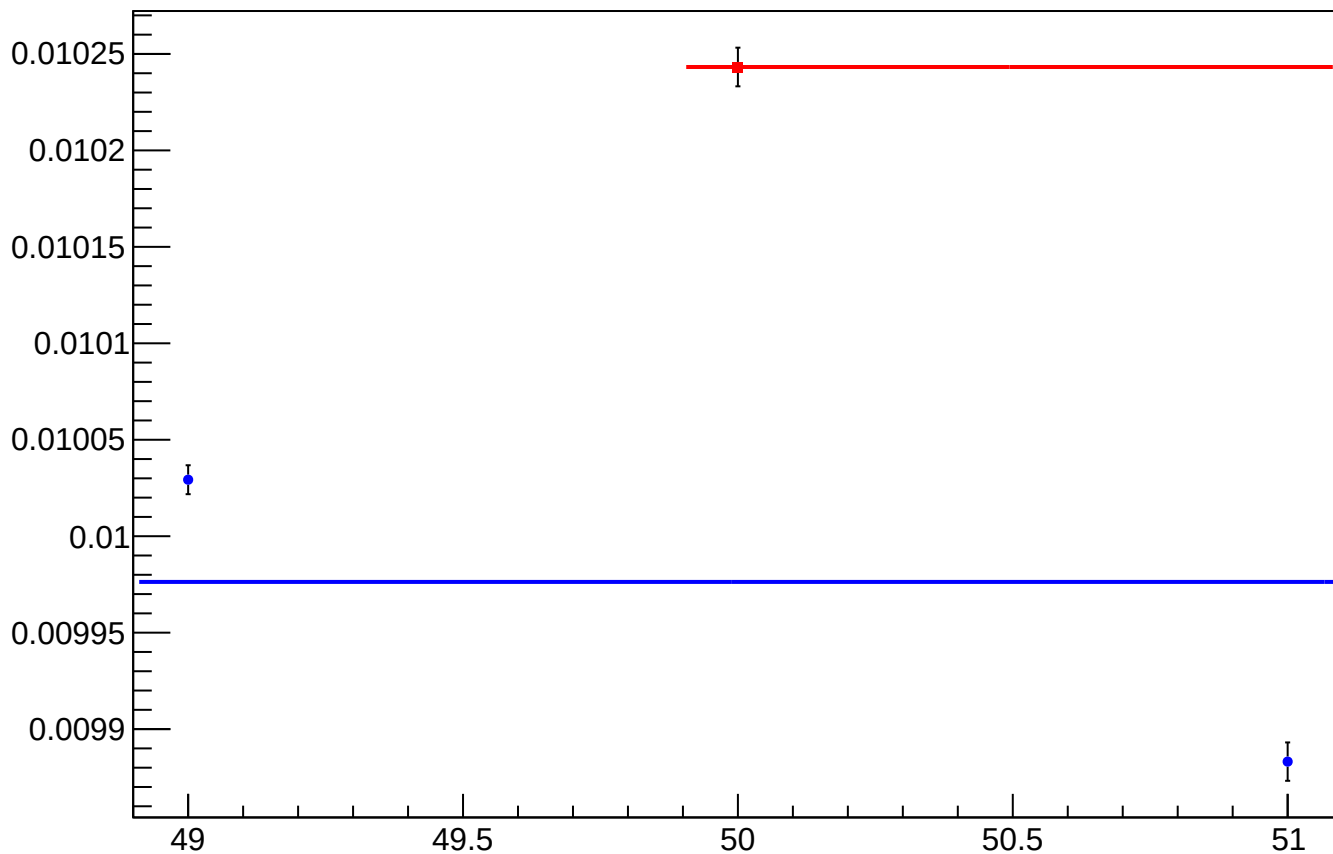
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.010+/-0.000 χ^2/NDF : 2910470.5/2

Right Out: -6.026+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 137.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 660.7/2