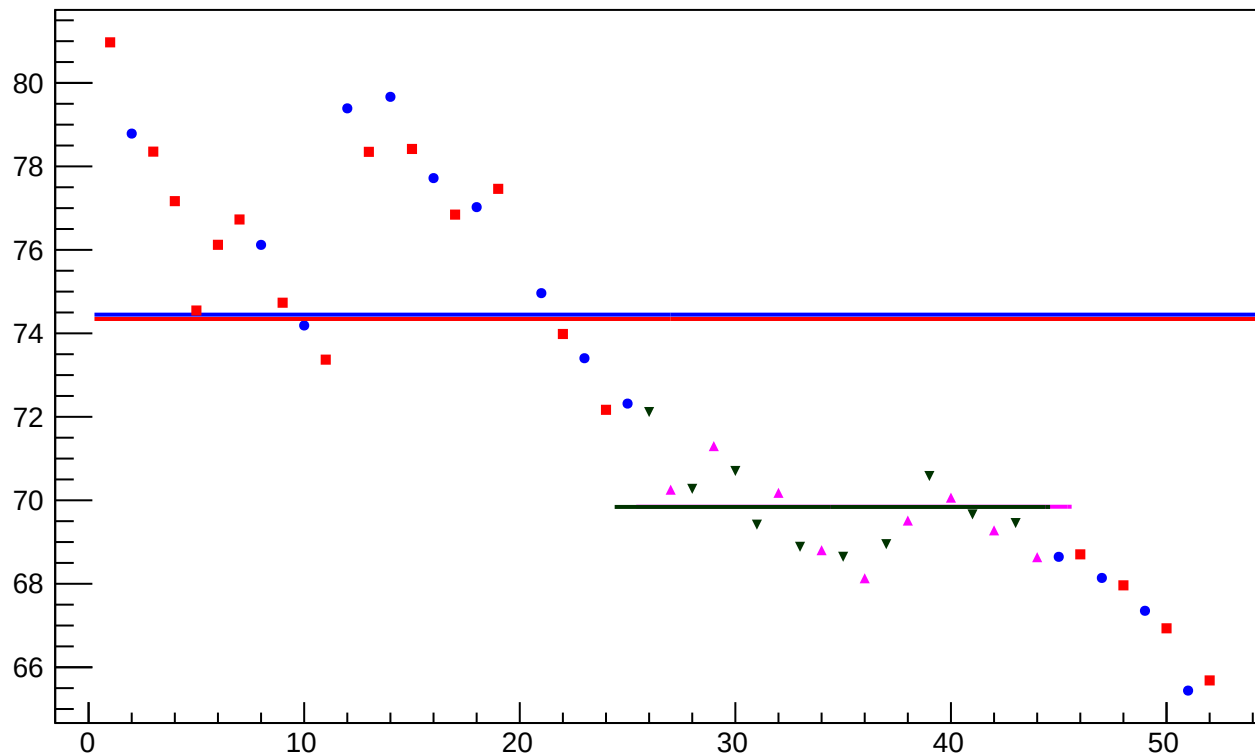


yield_usl_mean vs slug



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: 74.344+/-0.000

χ^2/NDF : 6859796548.5/17

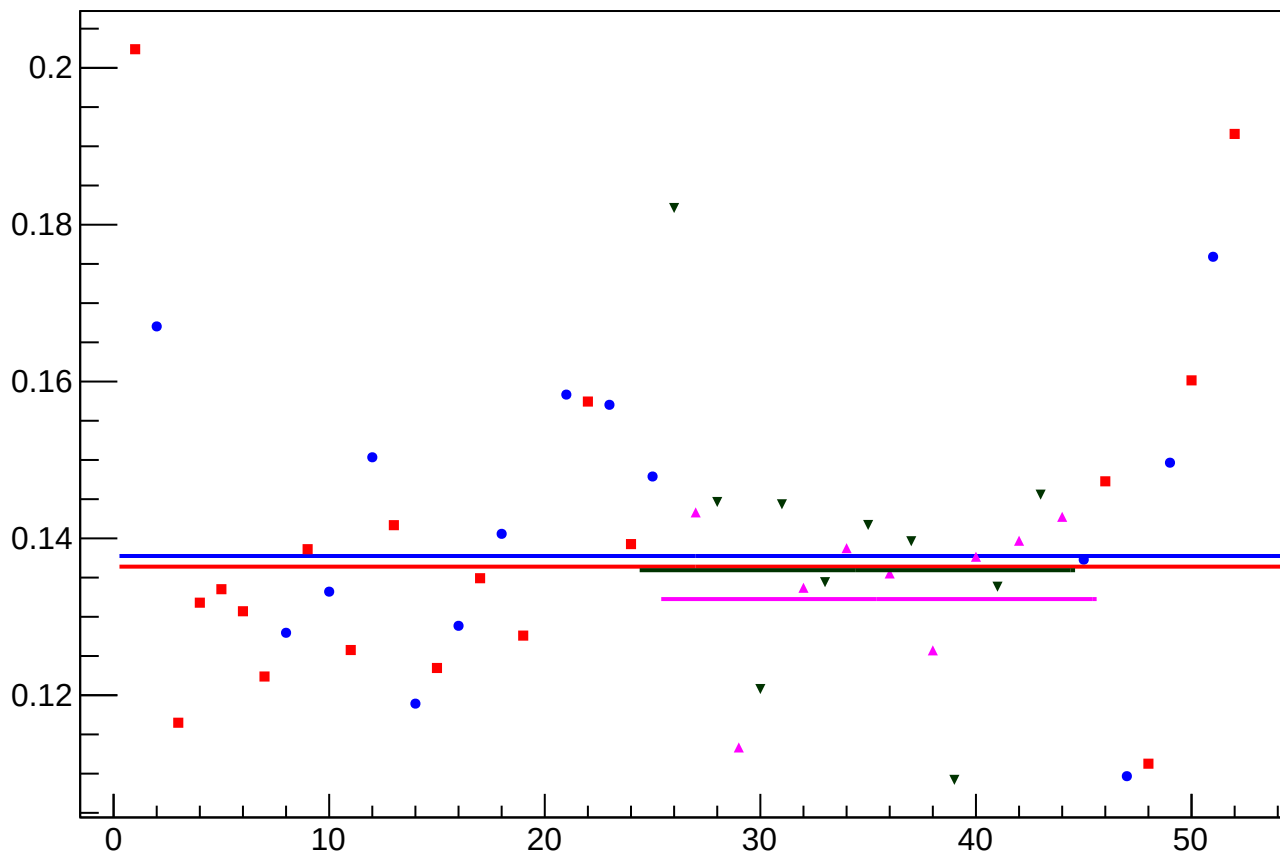
72.619+/-0.000

χ^2/NDF : 24234326277.2/50

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.138 ± 0.000 χ^2/NDF : 284906.9/13

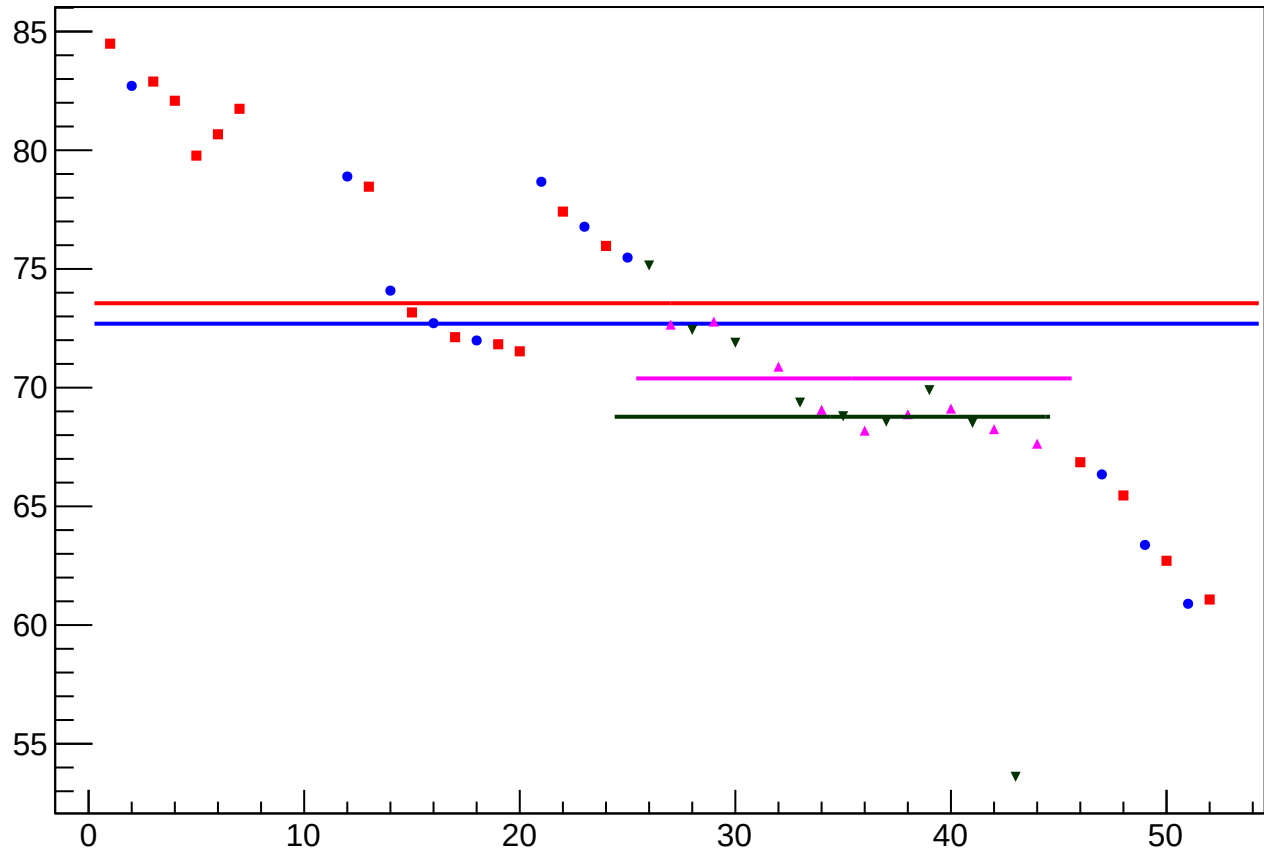
Left Out: 0.136 ± 0.000 χ^2/NDF : 142177.4/9

Right Out: 0.136 ± 0.000 χ^2/NDF : 344701.4/17

Left In: 0.132 ± 0.000 χ^2/NDF : 68230.9/8

0.136 ± 0.000 χ^2/NDF : 851467.3/50

yield_usr_mean vs slug



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

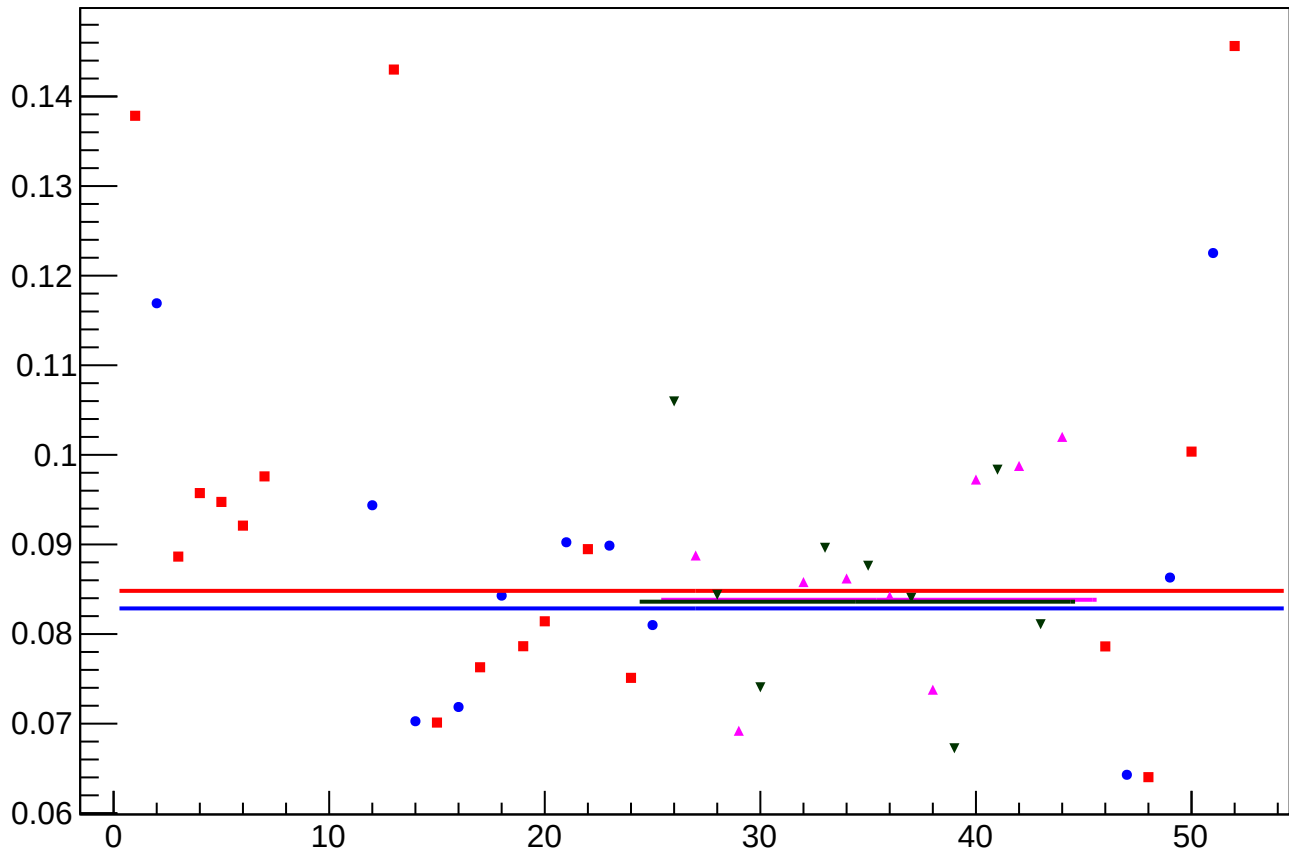
Left Out: 68.774 $\pm$ 0.000 χ^2 /NDF: 18384925742.4/8

71.652 $\pm$ 0.000 χ^2 /NDF: 98651417903.6/45

Right Out: 73.556 $\pm$ 0.000 χ^2 /NDF: 35914300952.7/16

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

yield_usr_rms vs slug



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

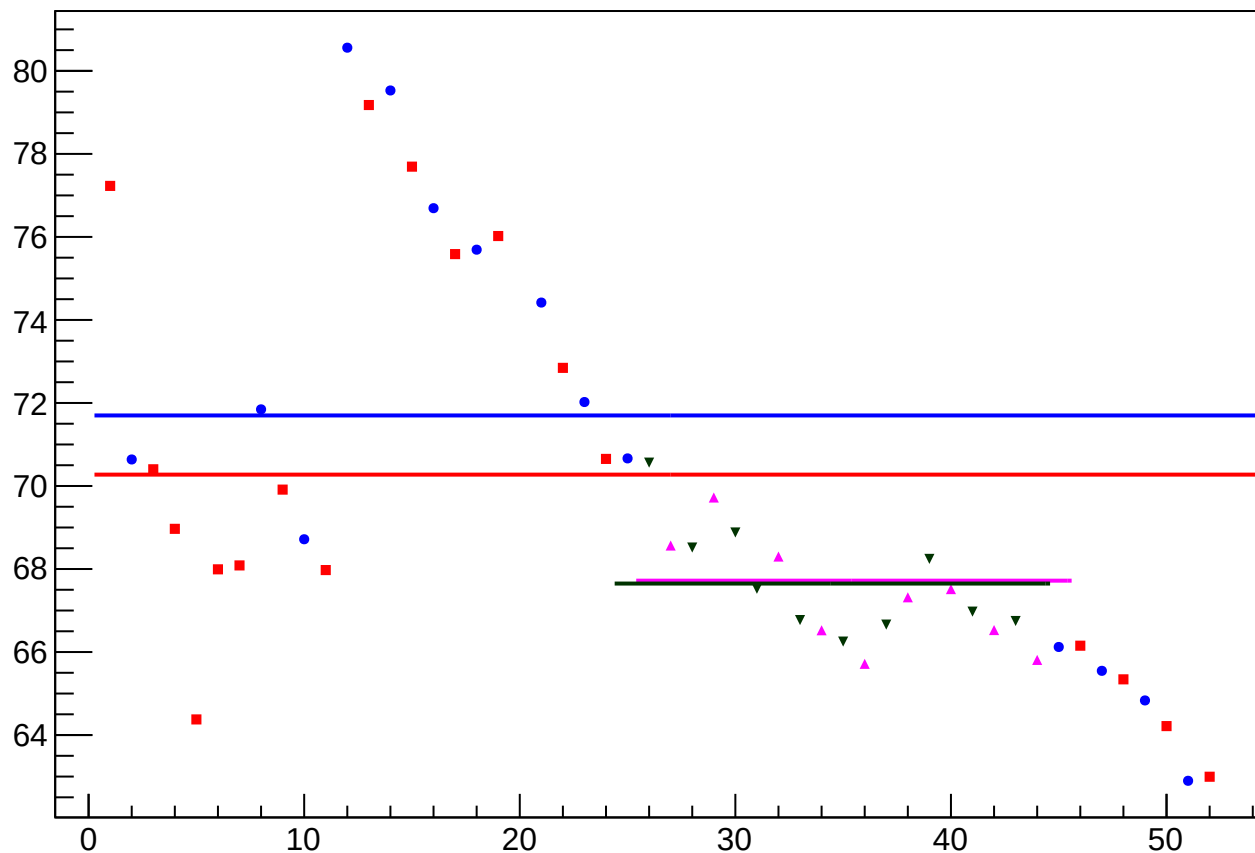
Left Out: 0.084+/-0.000 χ^2/NDF :137218.0/8

Right Out: 0.085+/-0.000 χ^2/NDF : 639453.1/16

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

0.084+/-0.000 χ^2/NDF : 1377209.8/45

yield_dsl_mean vs slug



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

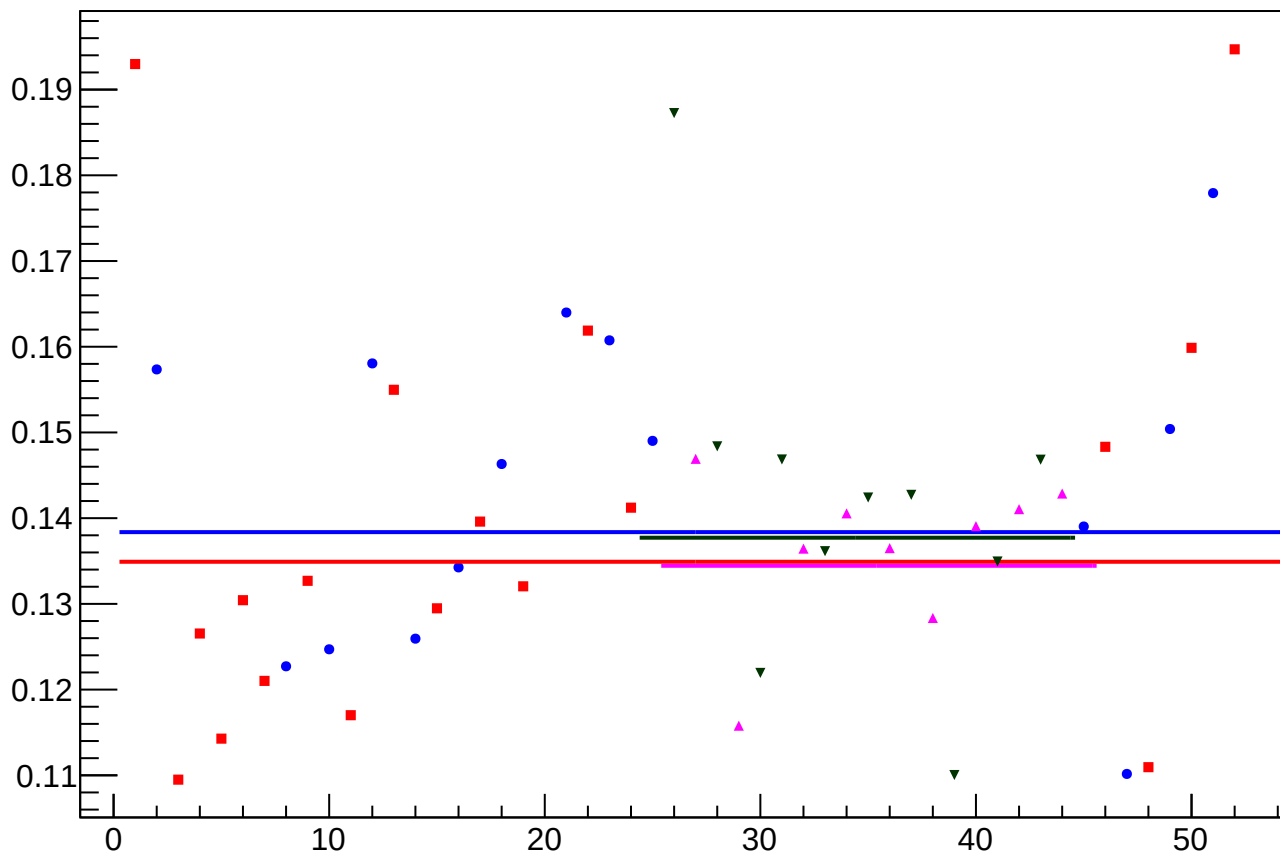
Left Out: 67.650+/-0.000 χ^2/NDF : 329789627.8/9

Right Out: 70.274+/-0.000 χ^2/NDF : 8492923123.4/17

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

69.728+/-0.000 χ^2/NDF : 26340930330.6/50

yield_dsl_rms vs slug



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

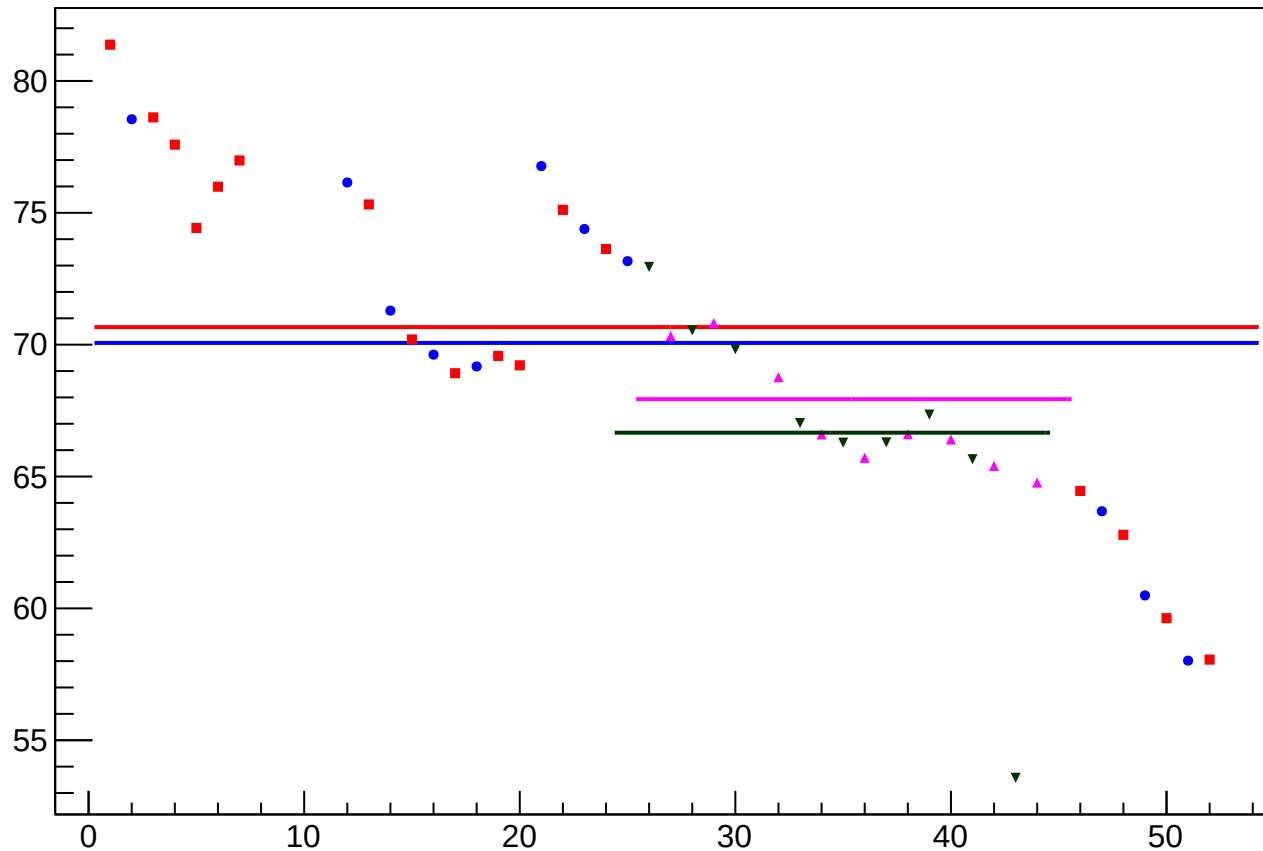
Left Out: 0.138+/-0.000 χ^2/NDF : 153609.8/9

Right Out: 0.135+/-0.000 χ^2/NDF : 394408.5/17

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

0.136+/-0.000 χ^2/NDF : 904259.0/50

yield_dsr_mean vs slug



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

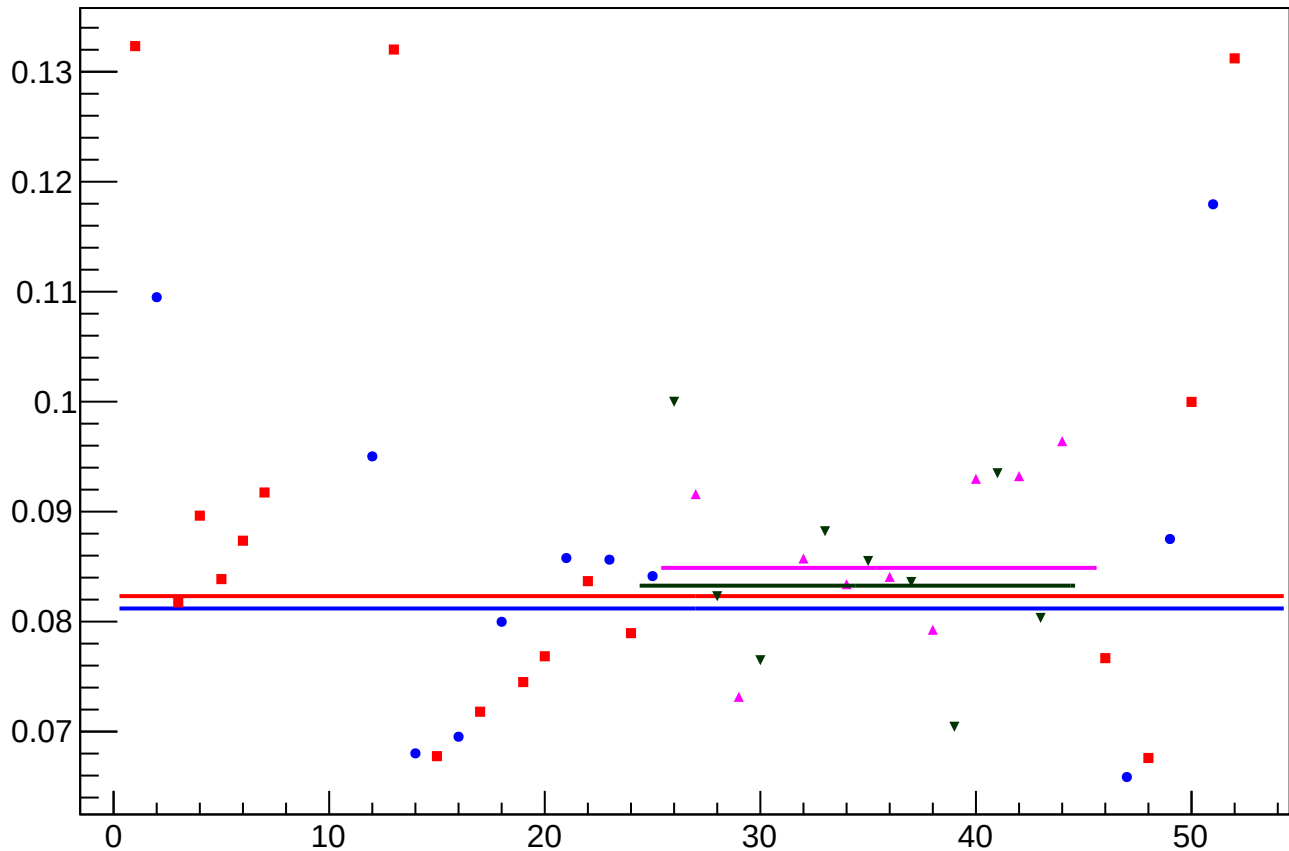
Left Out: 66.663+/-0.000 χ^2/NDF : 15457516618.3/8

Right Out: 70.667+/-0.000 χ^2/NDF : 33454842002.4/16

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

69.131+/-0.000 χ^2/NDF : 92160984523.0/45

yield_dsr_rms vs slug



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

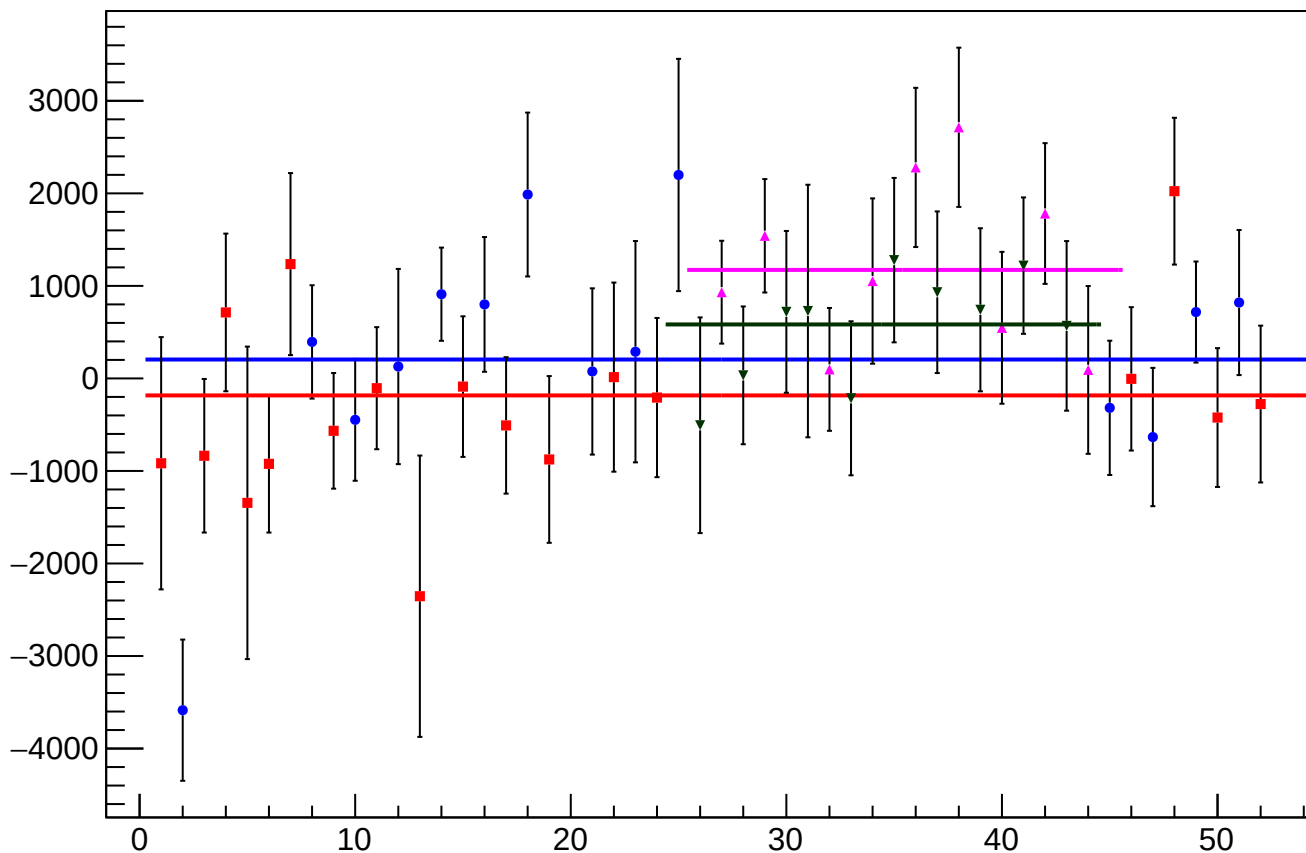
Left Out: 0.083+/-0.000 χ^2/NDF : 78459.0/8

Right Out: 0.082+/-0.000 χ^2/NDF : 526955.4/16

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

0.083+/-0.000 χ^2/NDF : 1091314.1/45

asym_usl_mean vs slug



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

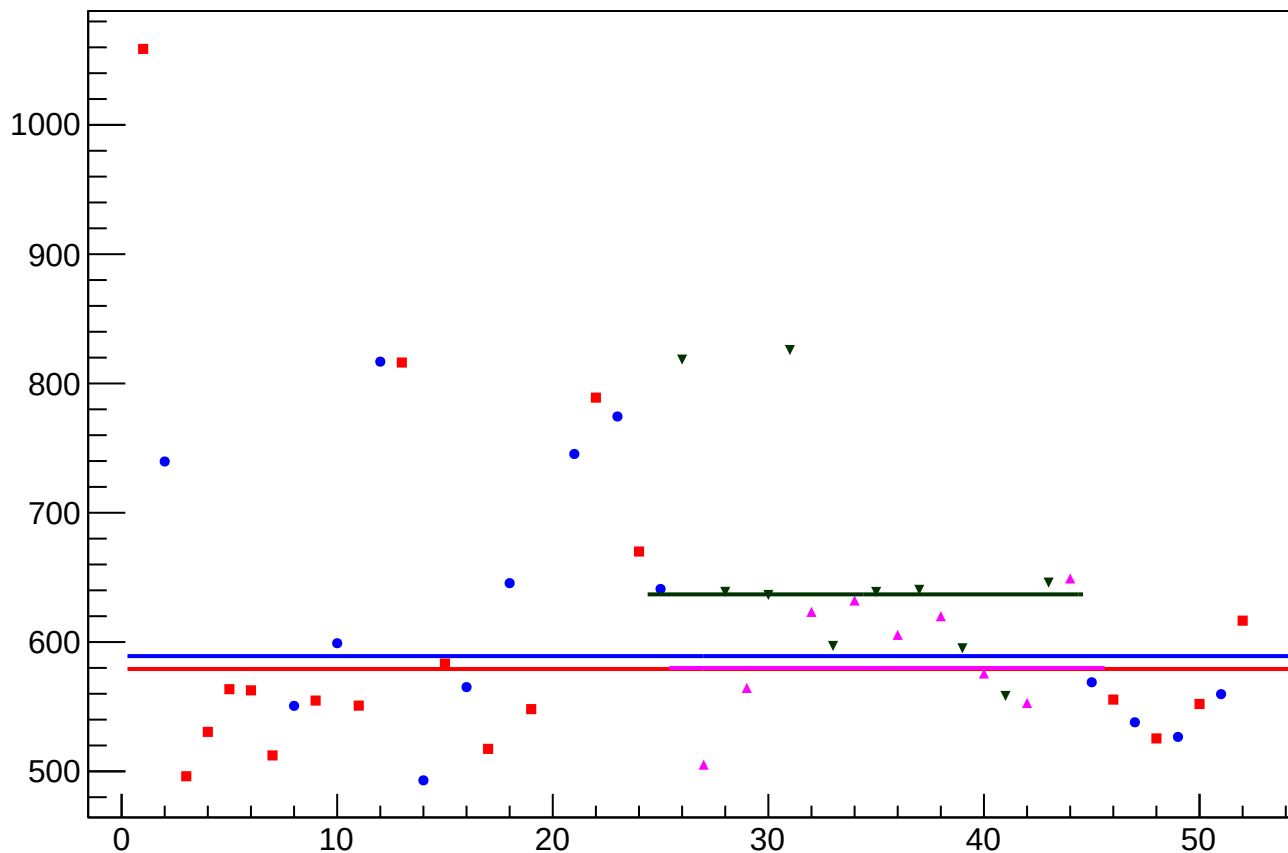
Left Out: 583.462+/-280.347 χ^2/NDF : 3.9/9

Right Out: -183.699+/-198.454 χ^2/NDF : 16.7/17

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

340.841+/-111.385 χ^2/NDF : 89.3/50

asym_usl_rms vs slug



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

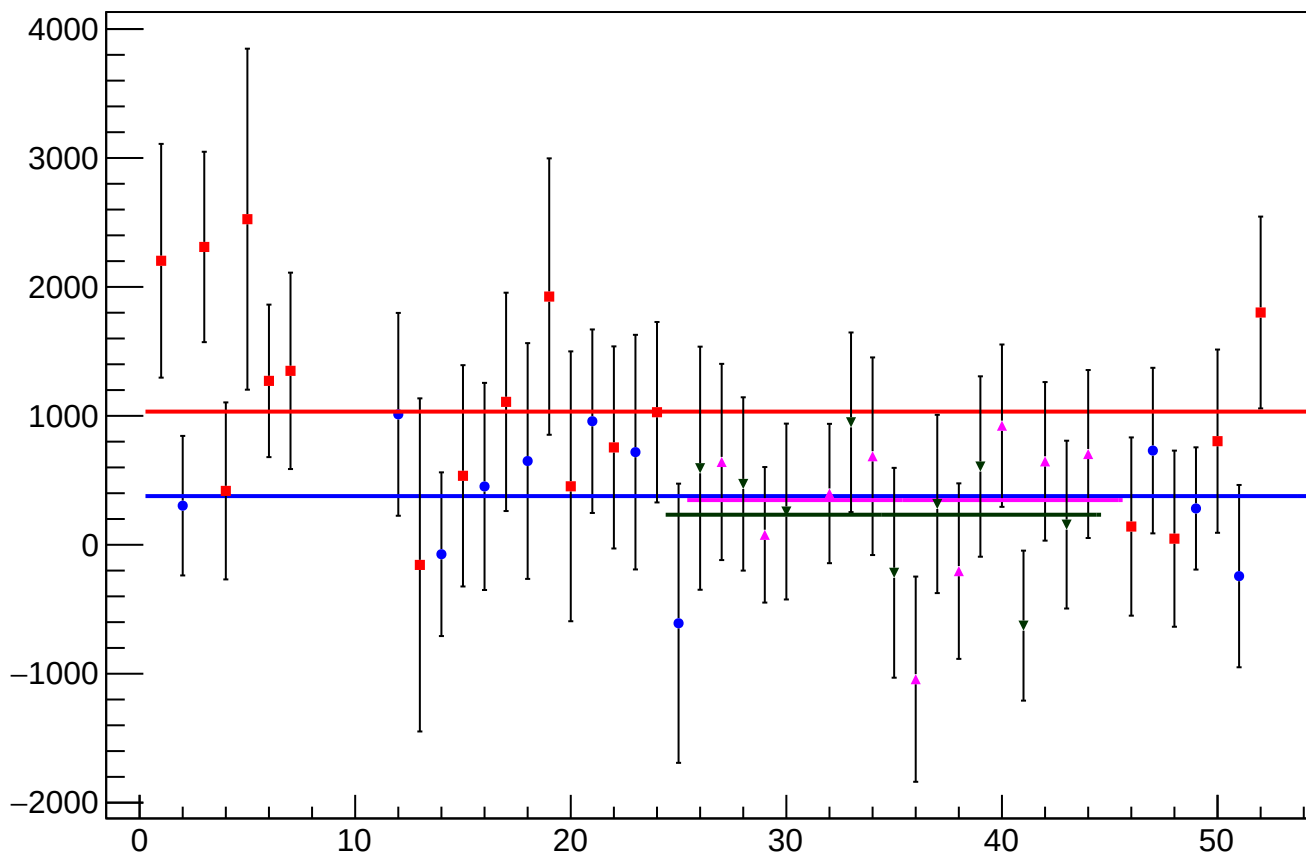
Left Out: 636.880+/-0.198 χ^2/NDF :118921.2/9

Right Out: 579.147+/-0.140 χ^2/NDF : 480433.7/17

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

591.645+/-0.079 χ^2/NDF : 1151845.8/50

asym_usr_mean vs slug



Right In: 377.661 $\pm$ 207.753 χ^2 /NDF: 4.0/10

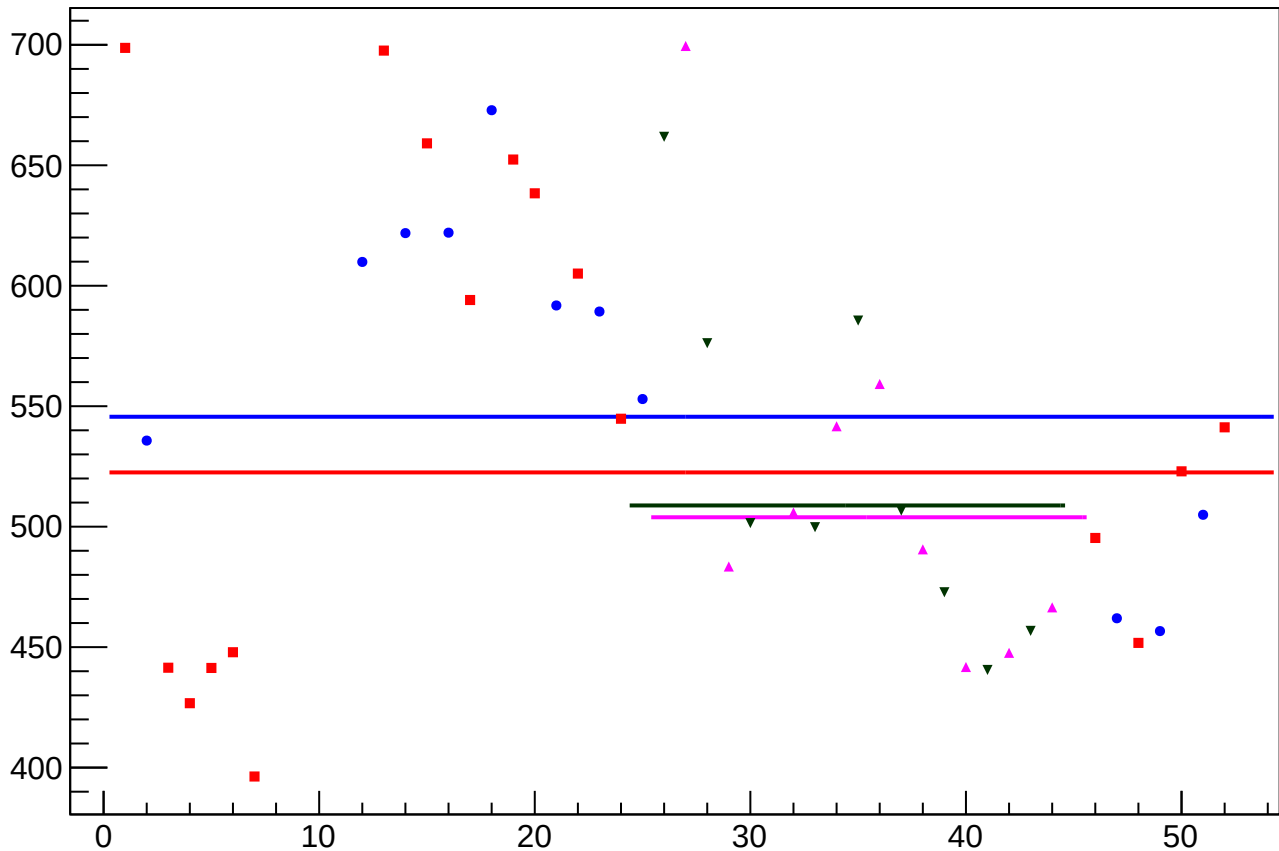
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF: 4.1/8

Right Out: 1032.963 $\pm$ 191.889 χ^2 /NDF: 14.3/16

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

537.193 $\pm$ 105.075 χ^2 /NDF: 37.9/45

asym_usr_rms vs slug



Right In: 545.623+/-0.147 $\chi^2/\text{NDF}: 223792.1/10$

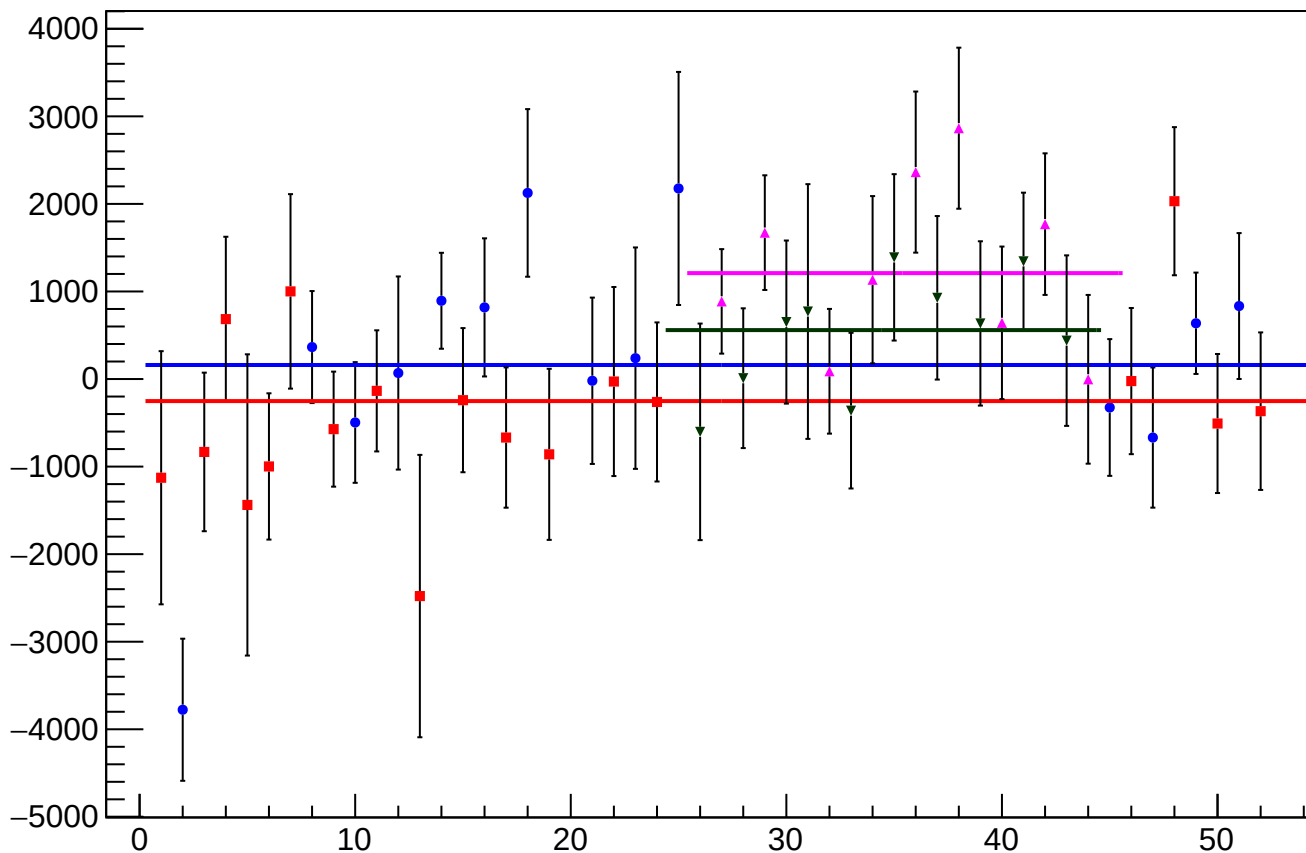
Left Out: 508.808+/-0.164 $\chi^2/\text{NDF}: 136801.2/8$

Right Out: 522.519+/-0.136 $\chi^2/\text{NDF}: 438530.8/16$

Left In: 503.904+/-0.152 $\chi^2/\text{NDF}: 193348.2/8$

521.160+/-0.074 $\chi^2/\text{NDF}: 1038896.2/45$

asym_dsl_mean vs slug



Right In: 160.256 $\pm$ 209.217 χ^2 /NDF: 36.4/13

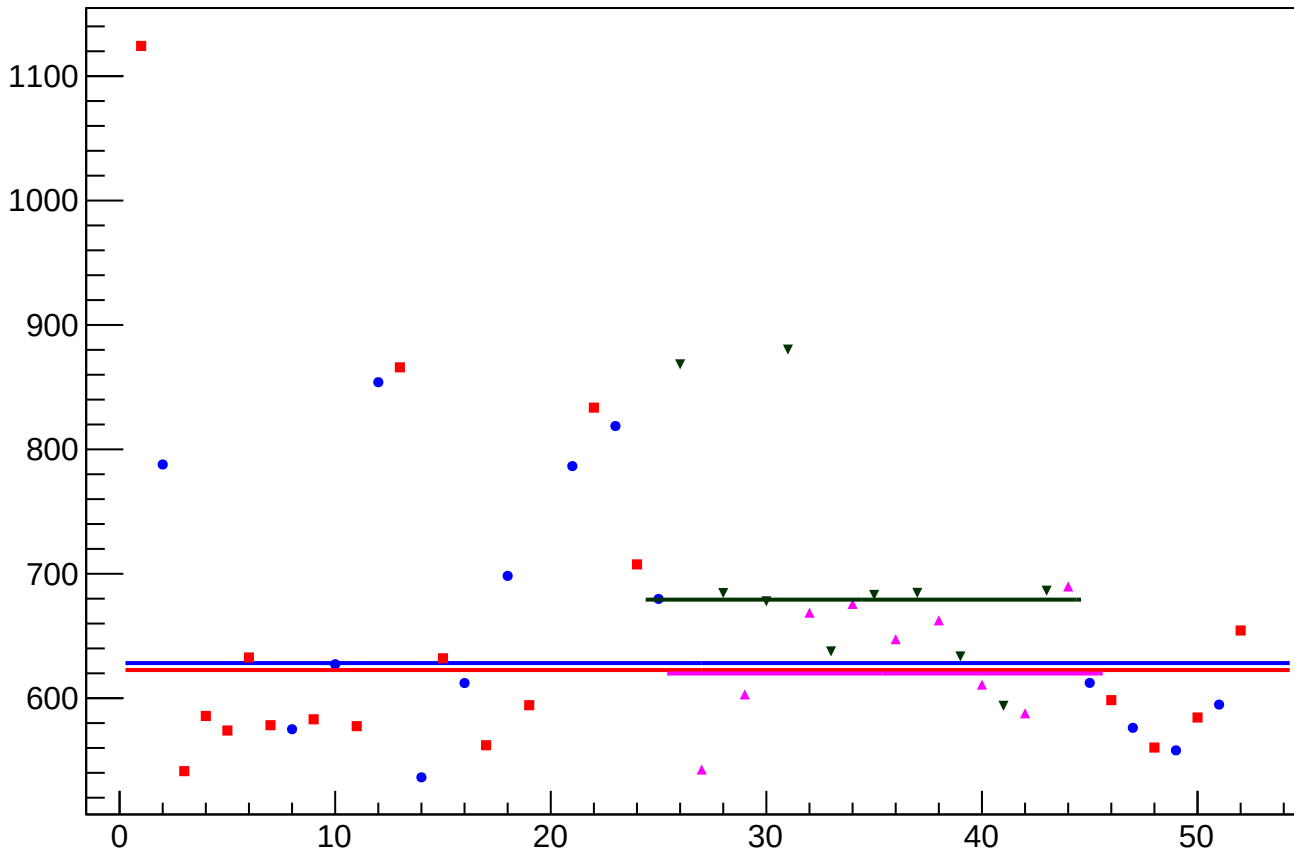
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

Right Out: -251.852 $\pm$ 213.154 χ^2 /NDF: 14.7/17

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

310.535 $\pm$ 119.065 χ^2 /NDF: 85.9/50

asym_dsl_rms vs slug



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

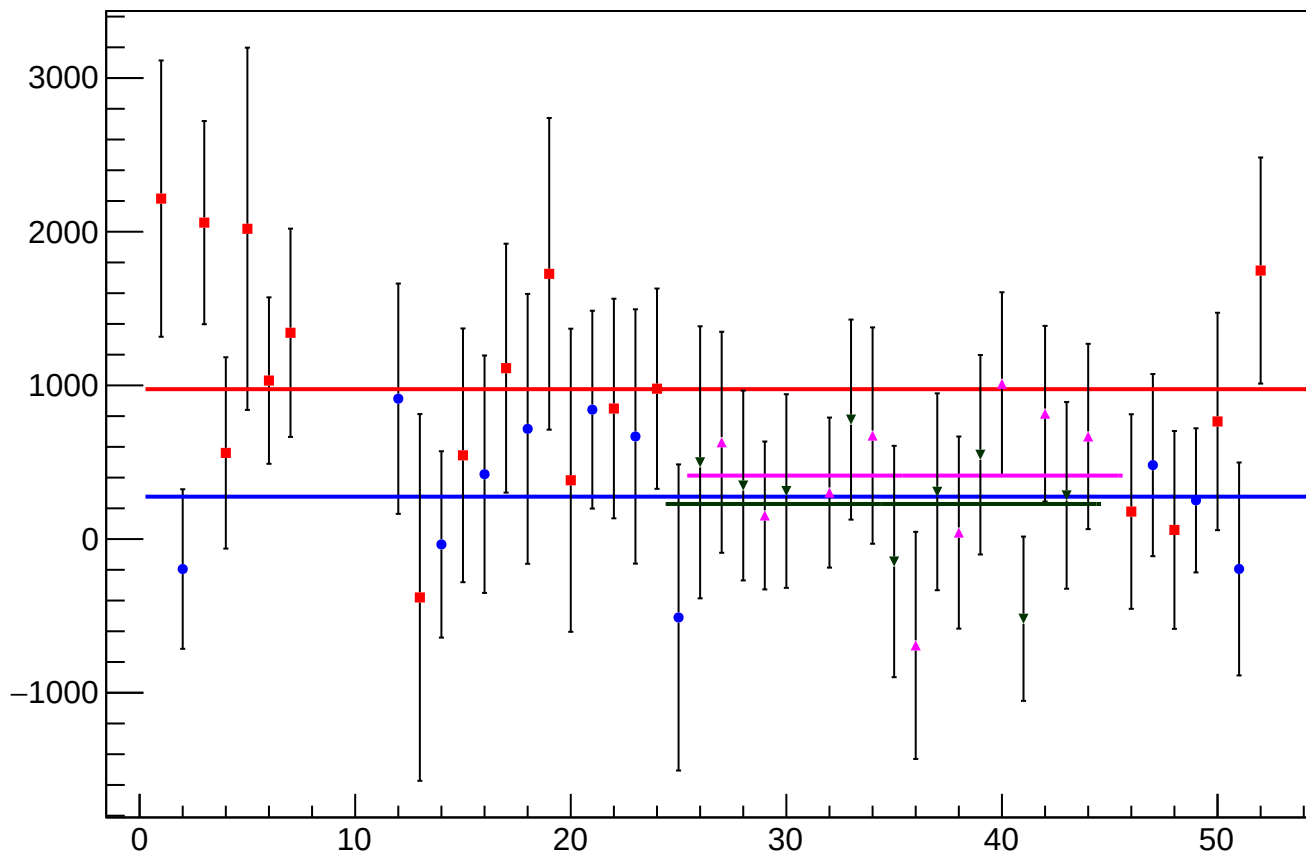
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

632.835+/-0.084 χ^2/NDF : 1089582.7/50

Right Out: 622.618+/-0.151 χ^2/NDF : 453165.7/17

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

asym_dsr_mean vs slug



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

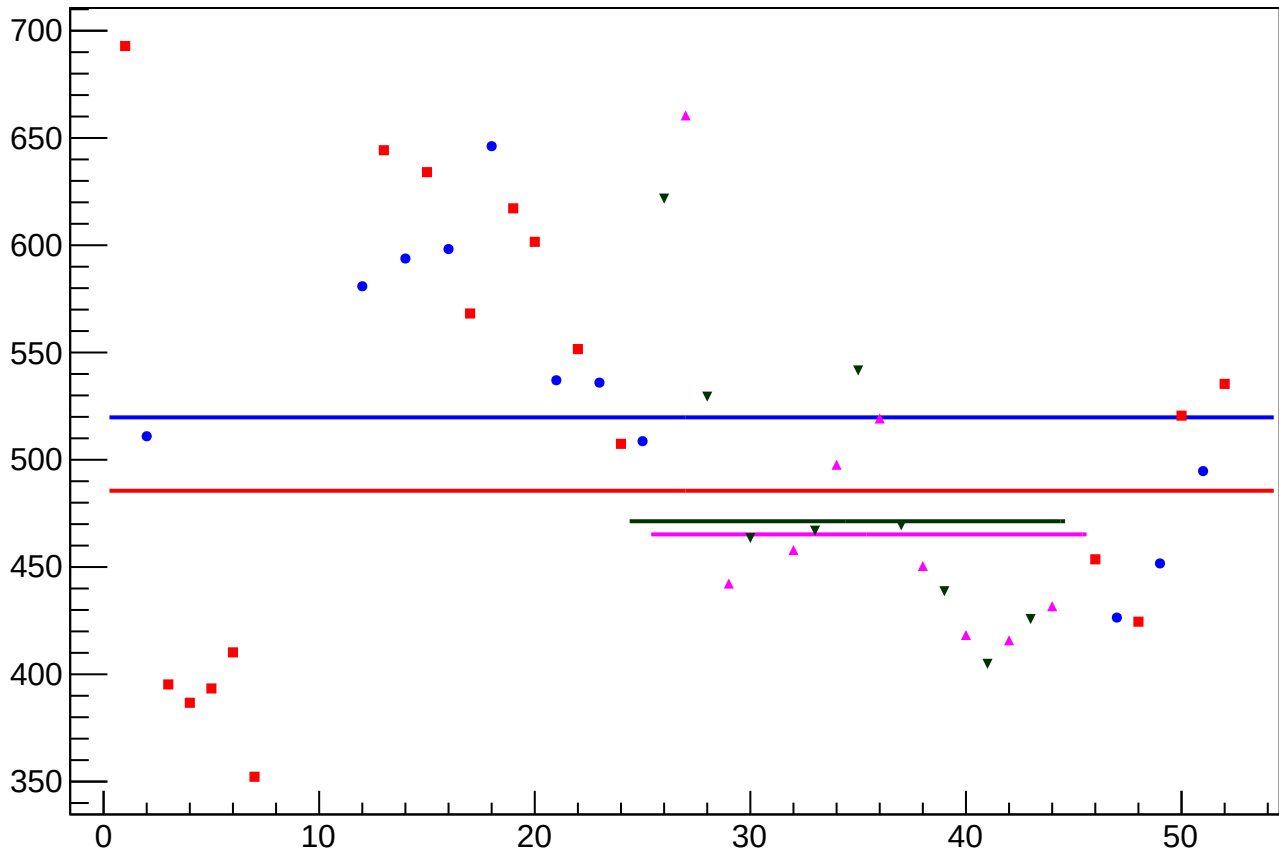
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

Right Out: 975.489 $\pm$ 179.103 χ^2 /NDF: 13.4/16

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

509.939 $\pm$ 98.171 χ^2 /NDF: 36.0/45

asym_dsr_rms vs slug



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

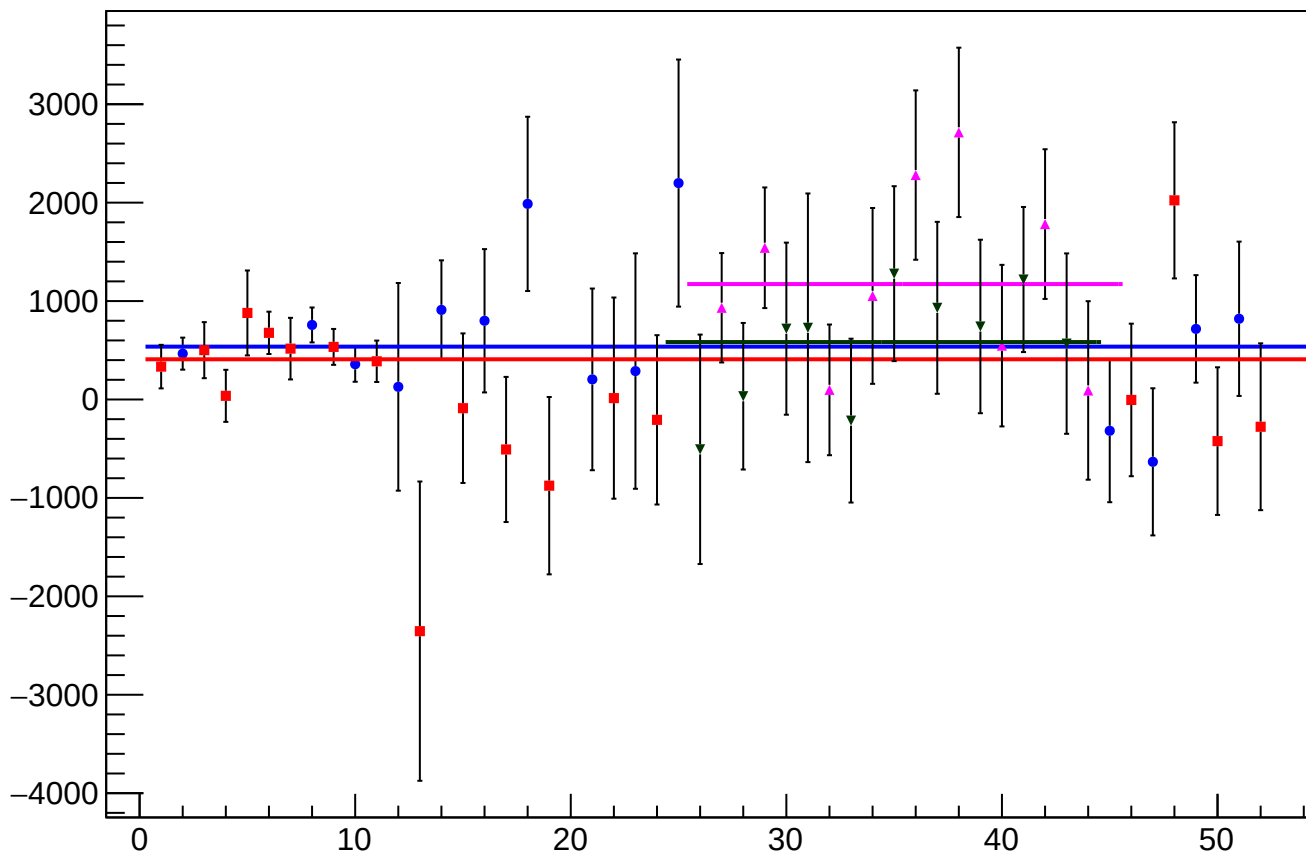
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

Right Out: 485.566+/-0.127 χ^2/NDF : 561184.6/16

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

486.035+/-0.069 χ^2/NDF : 1195866.2/45

cor_usl_mean vs slug



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

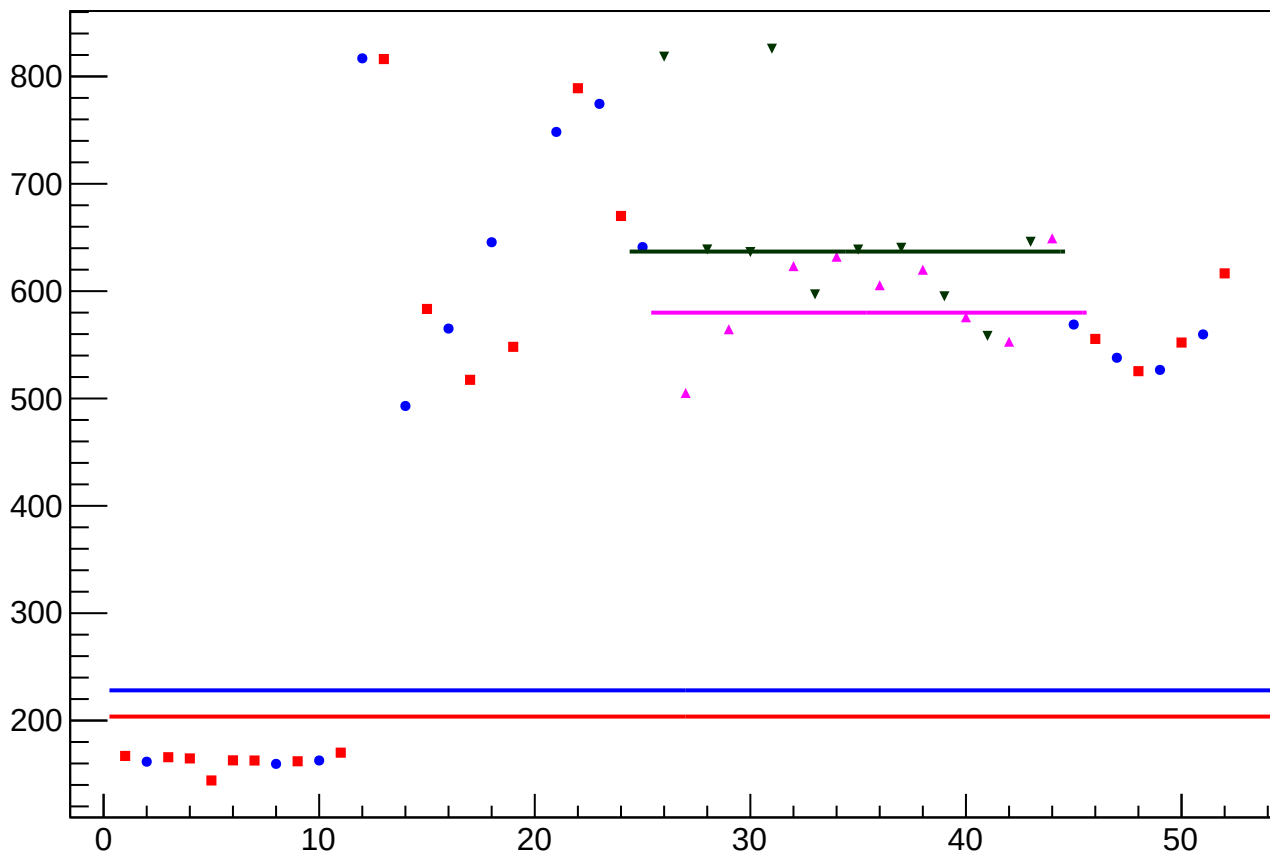
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

Right Out: 408.425 $\pm$ 81.404 χ^2 /NDF: 19.8/17

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

509.381 $\pm$ 57.703 χ^2 /NDF: 55.7/50

cor_usl_rms vs slug



Right In: 228.115 $\pm$ 0.065 χ^2 /NDF: 5958704.5/13

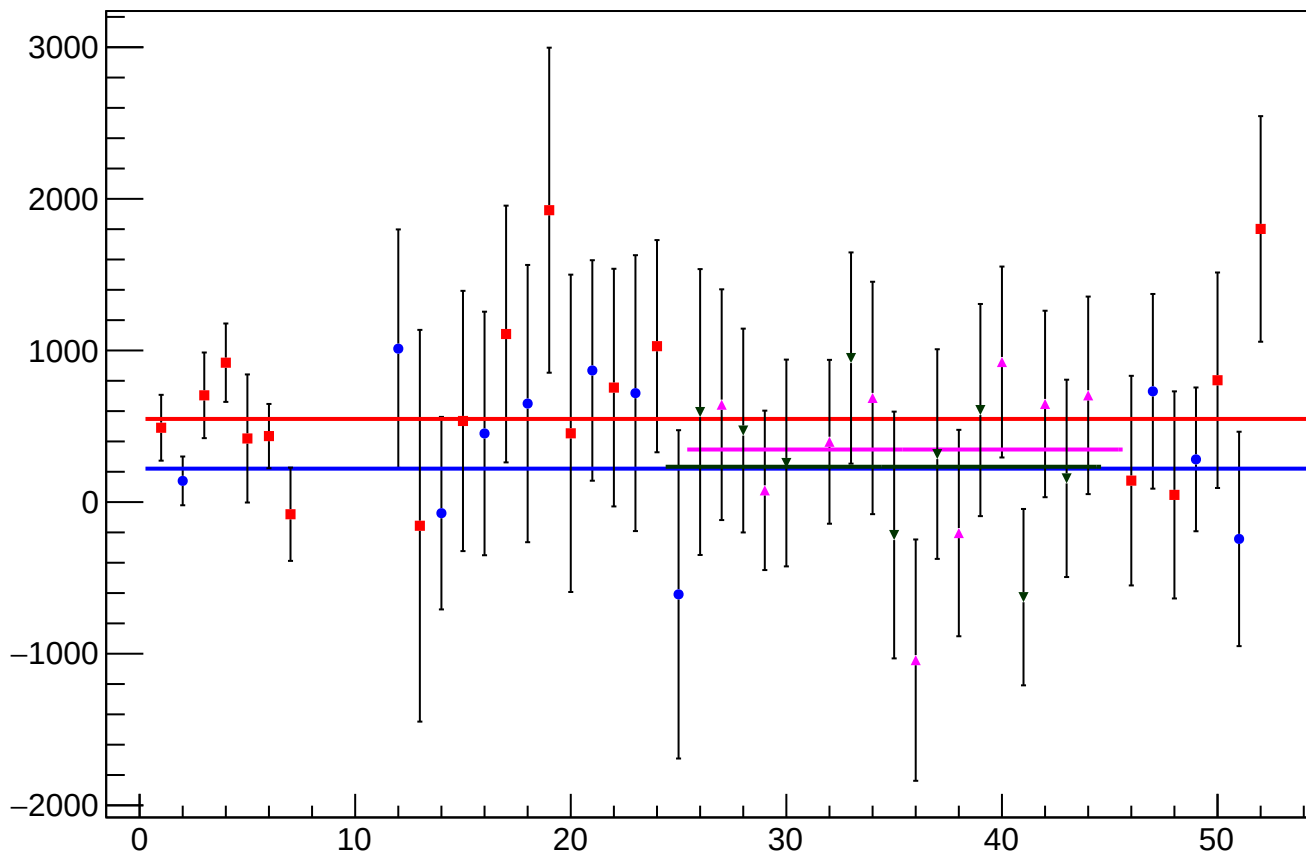
Left Out: 636.880 $\pm$ 0.198 χ^2 /NDF: 118921.2/9

252.555 $\pm$ 0.041 χ^2 /NDF: 19125875.1/50

Right Out: 203.696 $\pm$ 0.058 χ^2 /NDF: 4803411.5/17

Left In: 579.969 $\pm$ 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

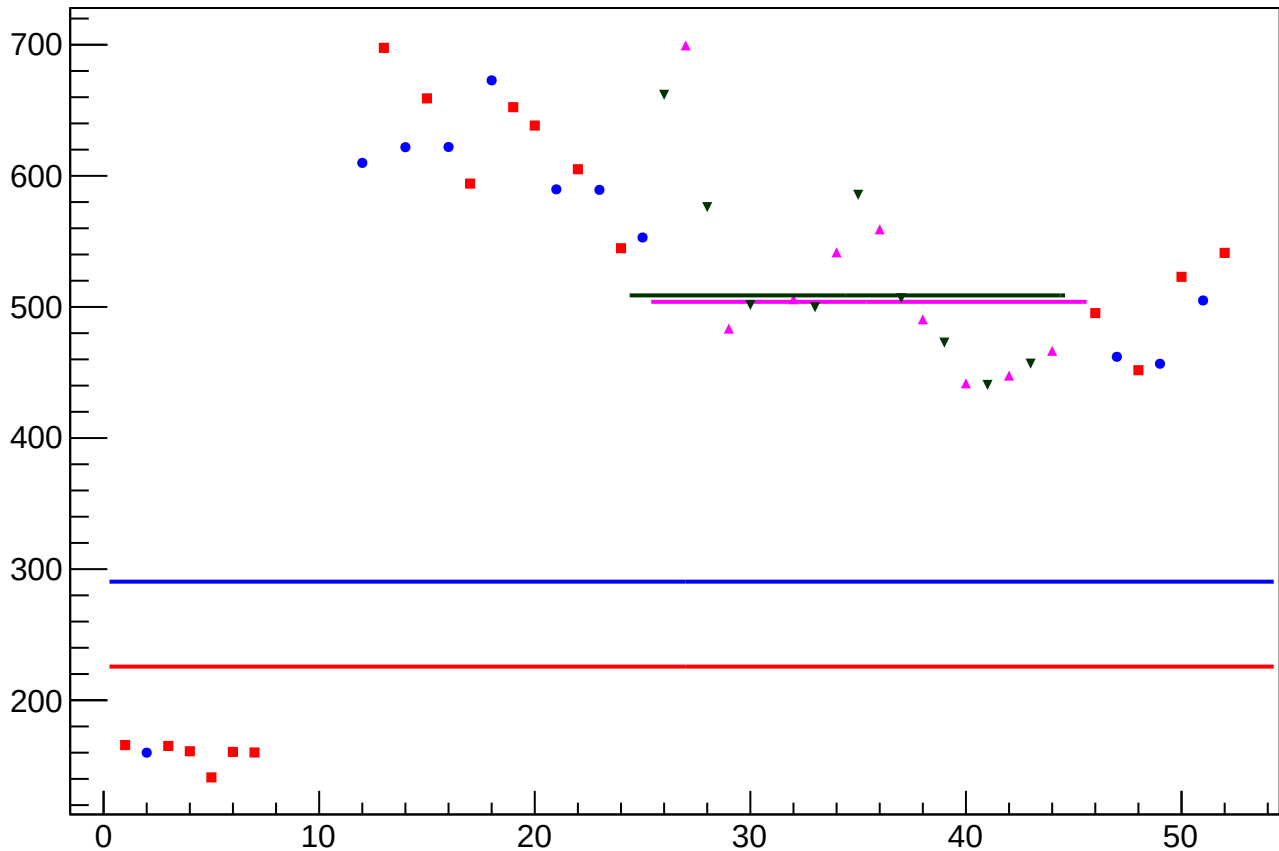
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF: 4.1/8

Right Out: 548.441 $\pm$ 98.061 χ^2 /NDF: 13.8/16

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

403.566 $\pm$ 70.257 χ^2 /NDF: 32.9/45

cor_usr_rms vs slug



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

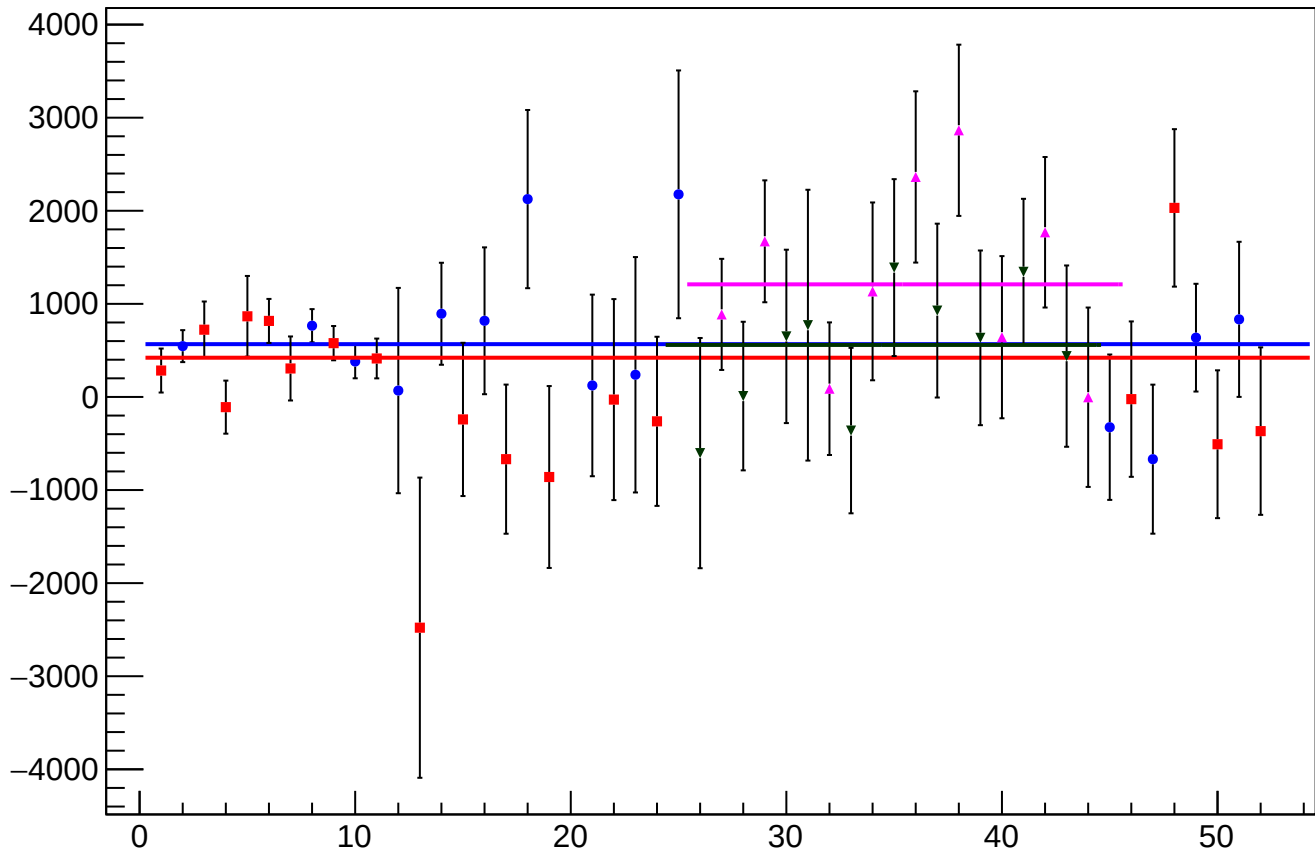
Left Out: 508.808 $\pm$ 0.164 χ^2 /NDF:136801.2/8

Right Out: 225.654 $\pm$ 0.069 χ^2 /NDF: 4630264.9/16

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

300.039 $\pm$ 0.050 χ^2 /NDF: 13669202.1/45

cor_dsl_mean vs slug



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

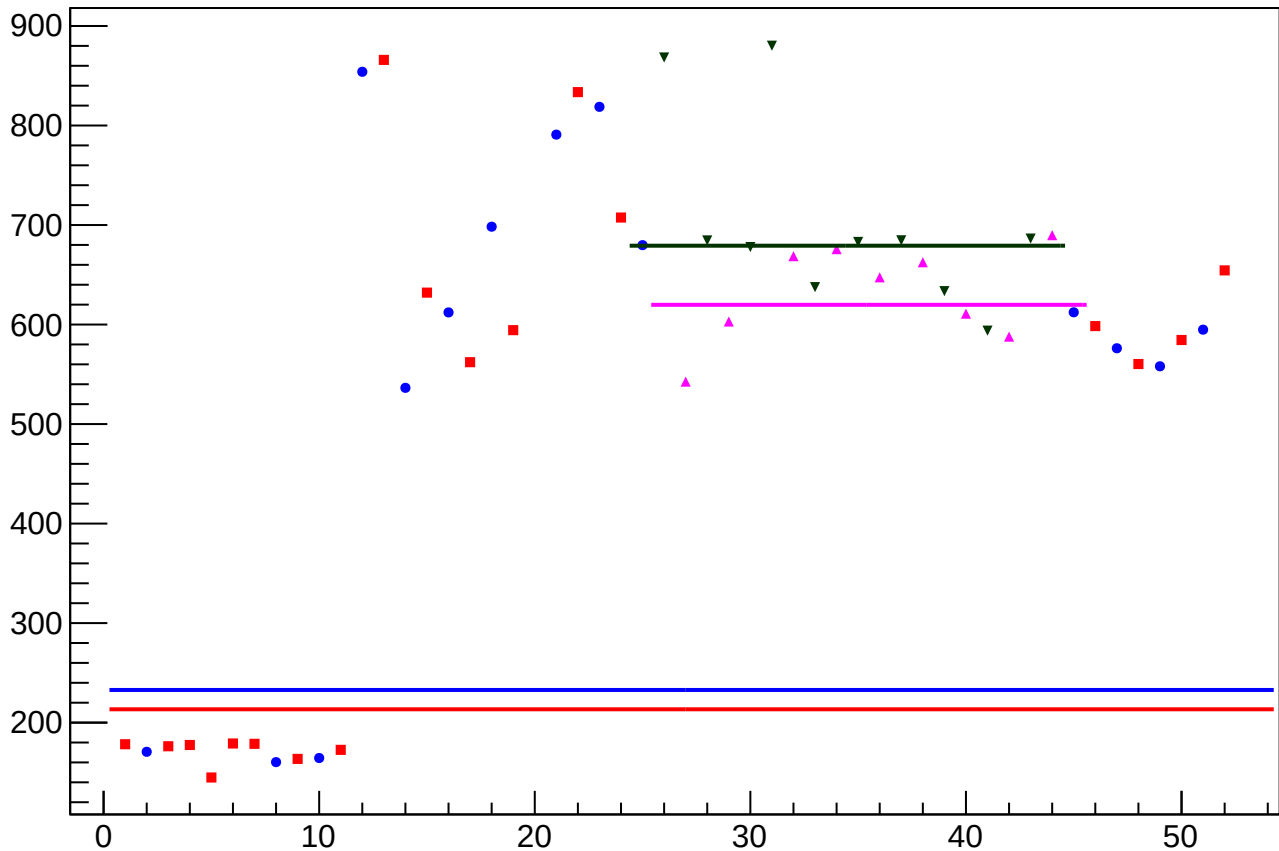
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

Right Out: 421.447 $\pm$ 85.613 χ^2 /NDF: 23.7/17

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

528.390 $\pm$ 60.299 χ^2 /NDF: 58.3/50

cor_dsl_rms vs slug



Right In: 232.815+/-0.067 χ^2/NDF : 6224456.5/13

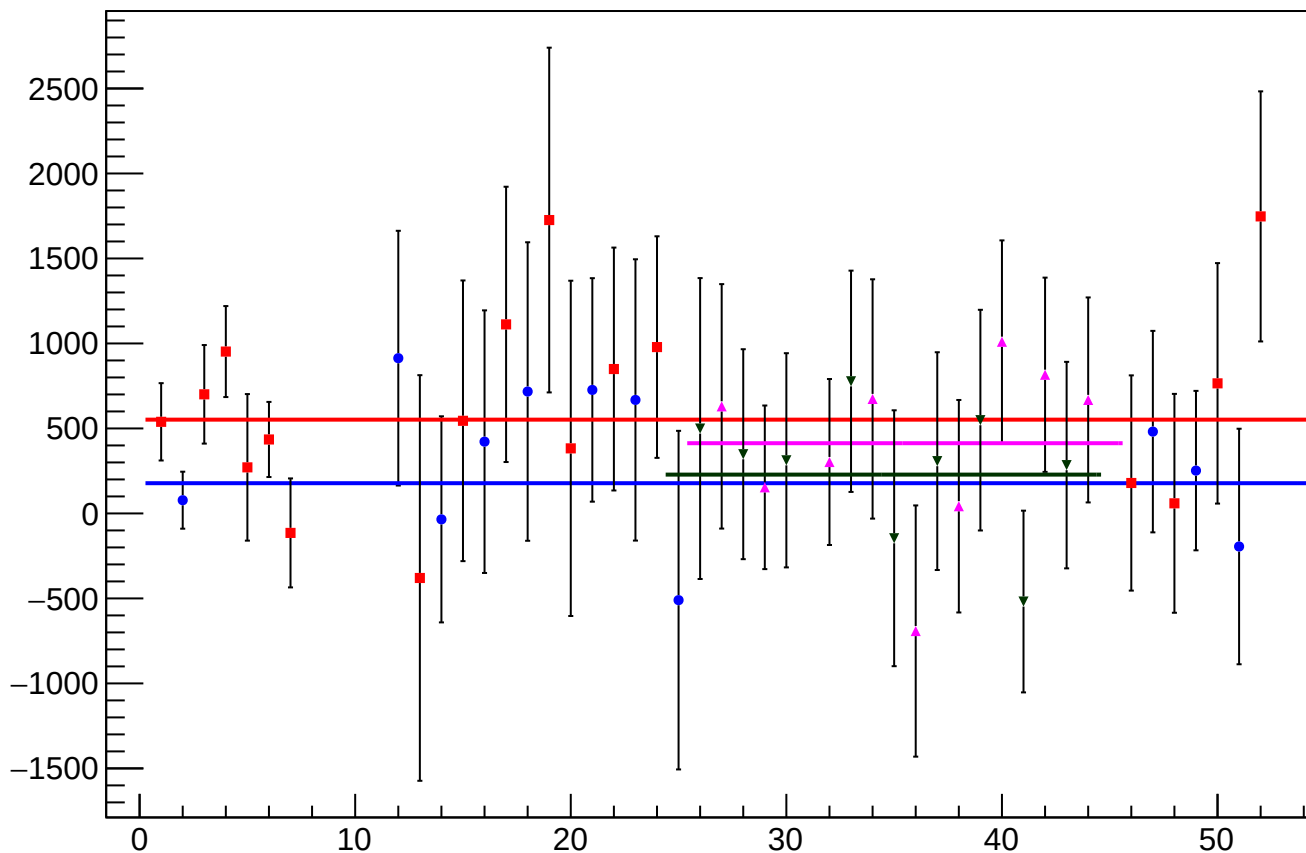
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

261.737+/-0.043 χ^2/NDF : 19755090.9/50

Right Out: 213.393+/-0.061 χ^2/NDF : 4897627.1/17

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

cor_dsr_mean vs slug



Right In: 177.854 $\pm$ 132.097 χ^2 /NDF: 4.0/10

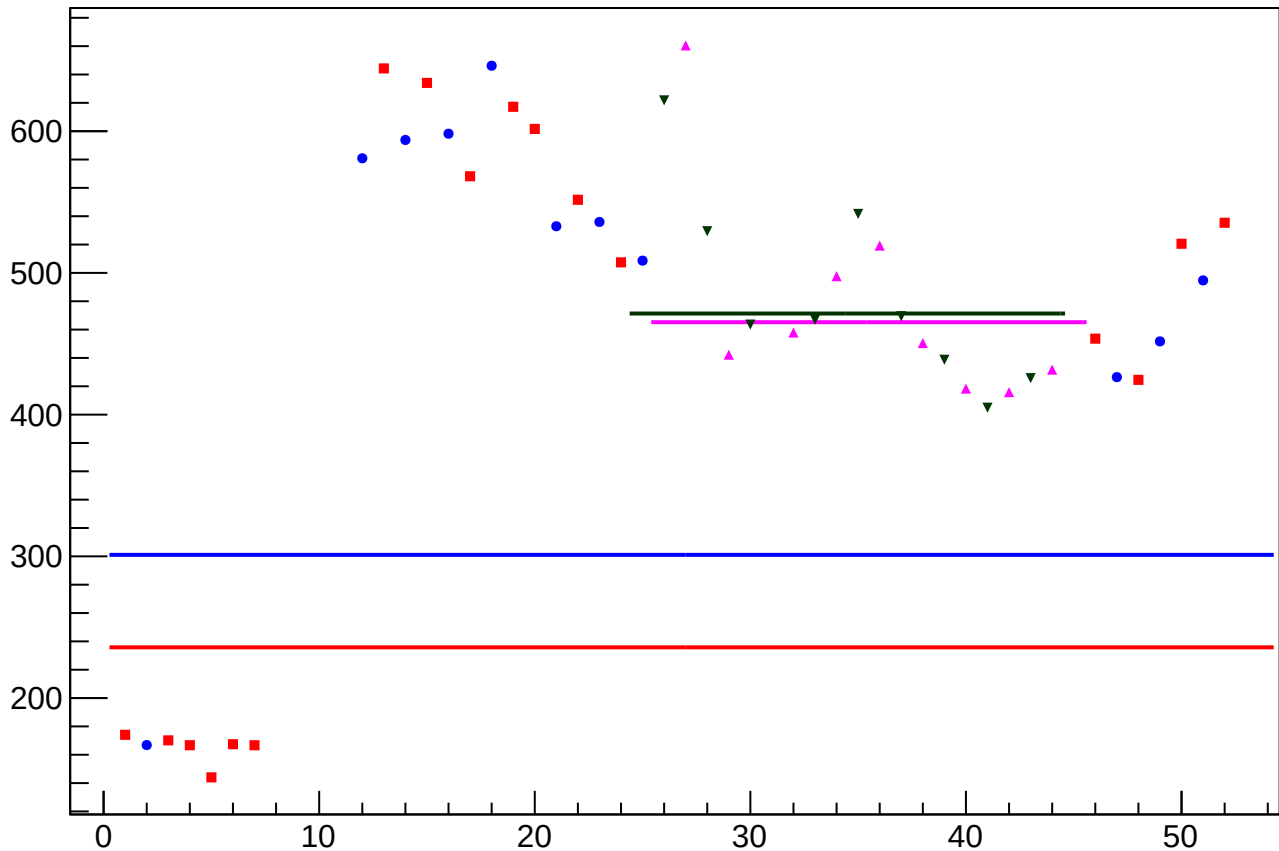
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

Right Out: 551.738 $\pm$ 100.232 χ^2 /NDF: 14.3/16

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

395.133 $\pm$ 70.033 χ^2 /NDF: 32.2/45

cor_dsr_rms vs slug



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

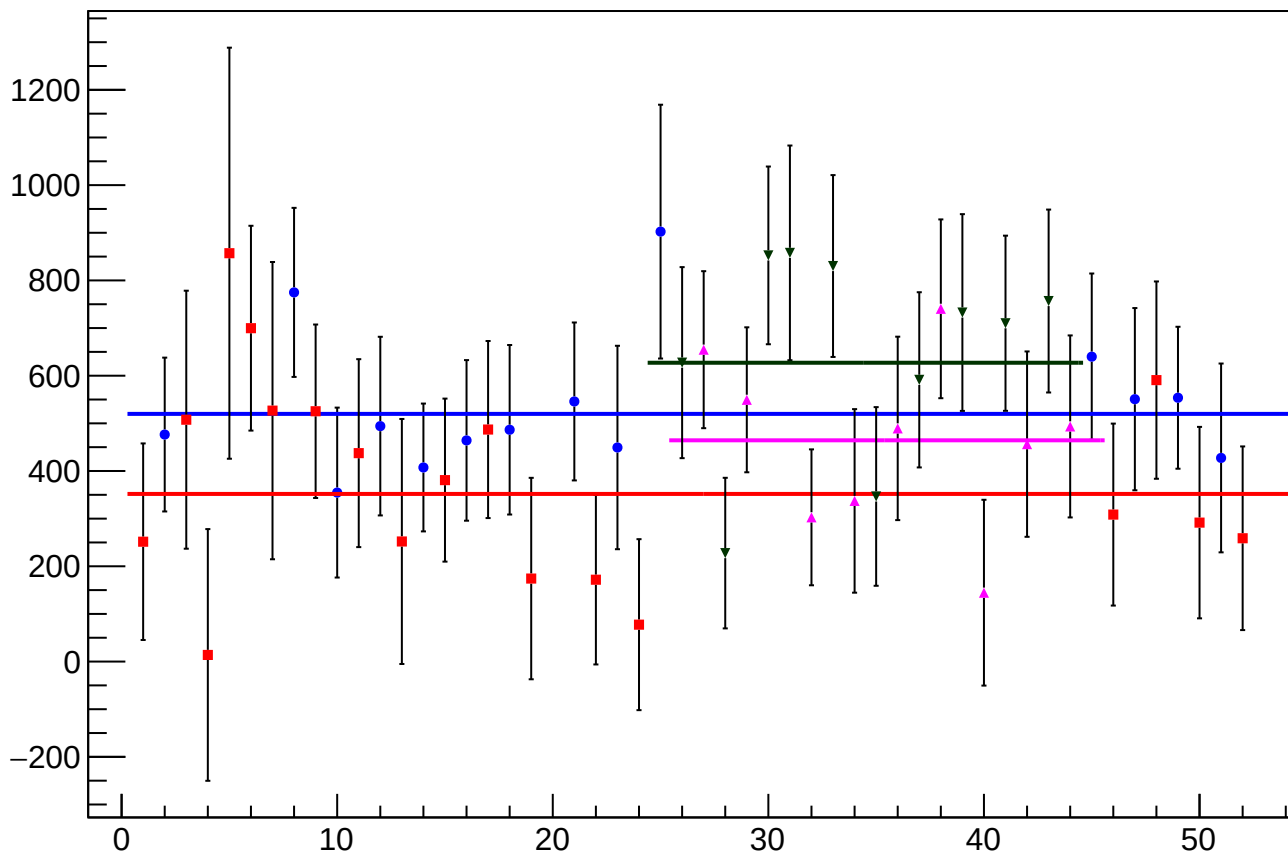
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

Right Out: 235.802+/-0.071 χ^2/NDF : 4155359.0/16

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

307.724+/-0.050 χ^2/NDF : 11532578.4/45

reg_asym_usl_mean vs slug



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

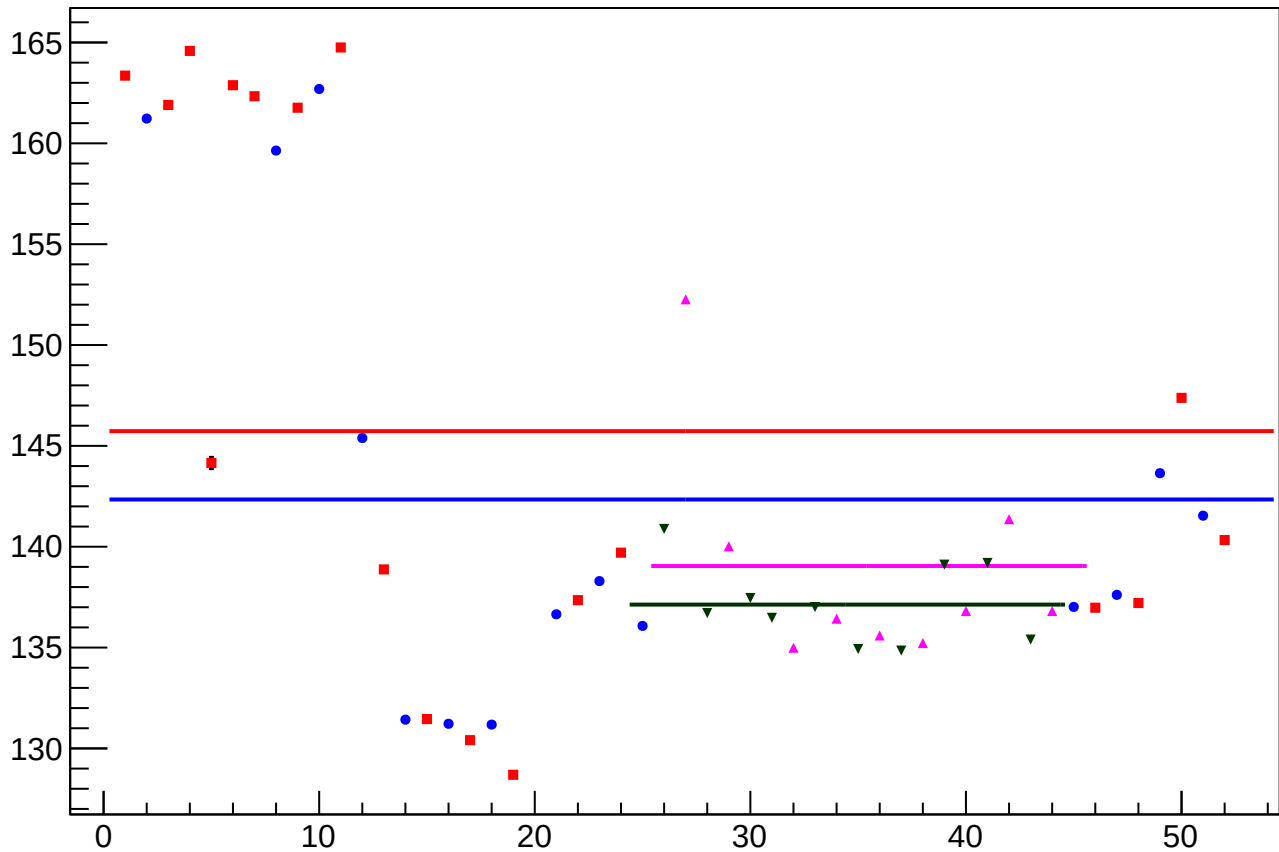
Left Out: 627.204 ± 59.866 χ^2/NDF : 13.2/9

Right Out: 351.853 ± 49.363 χ^2/NDF : 14.1/17

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

481.454 ± 26.383 χ^2/NDF : 56.0/50

reg_asym_usl_rms vs slug



Right In: 142.342 $\pm$ 0.033 χ^2 /NDF: 110239.4/13

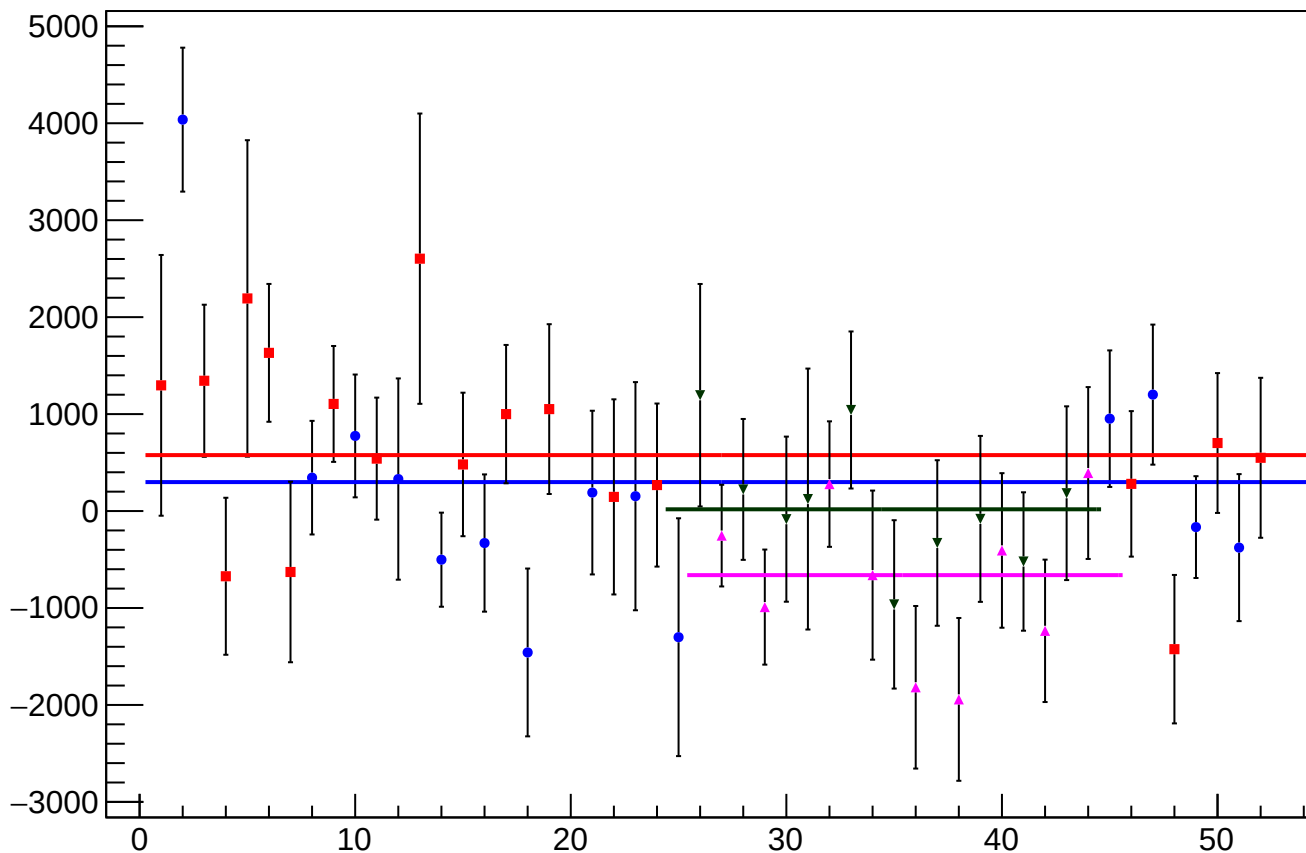
Left Out: 137.131 $\pm$ 0.042 χ^2 /NDF: 1921.5/9

Right Out: 145.729 $\pm$ 0.035 χ^2 /NDF: 142392.1/17

Left In: 139.044 $\pm$ 0.041 χ^2 /NDF: 17233.5/8

141.628 $\pm$ 0.019 χ^2 /NDF: 301240.6/50

asym_usl_correction_mean vs slug



Right In: 298.709 ± 189.610 χ^2/NDF : 39.3/13

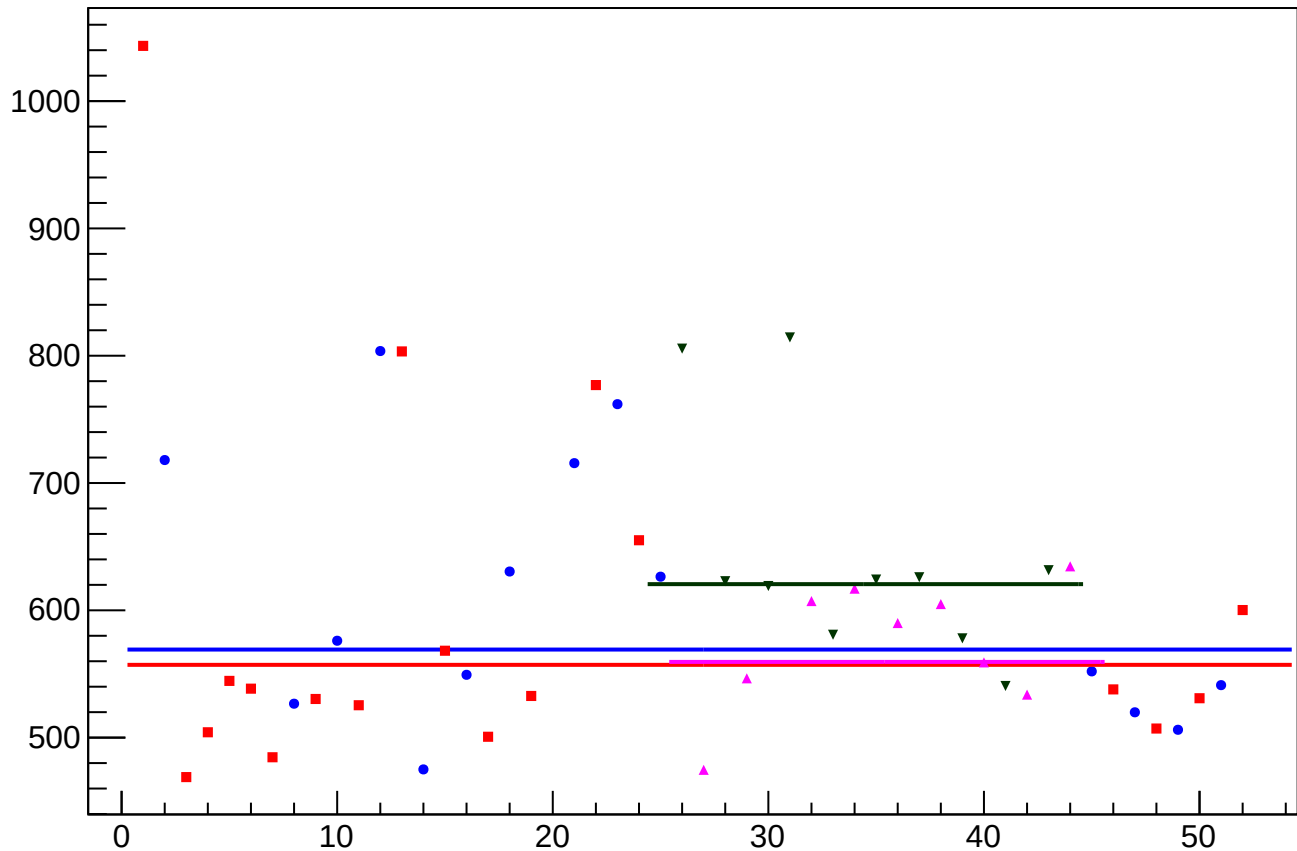
Left Out: 17.986 ± 273.379 χ^2/NDF : 4.8/9

Right Out: 576.982 ± 191.216 χ^2/NDF : 19.1/17

Left In: -660.987 ± 237.561 χ^2/NDF : 9.4/8

146.261 ± 107.667 χ^2/NDF : 90.1/50

asym_usl_correction_rms vs slug



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

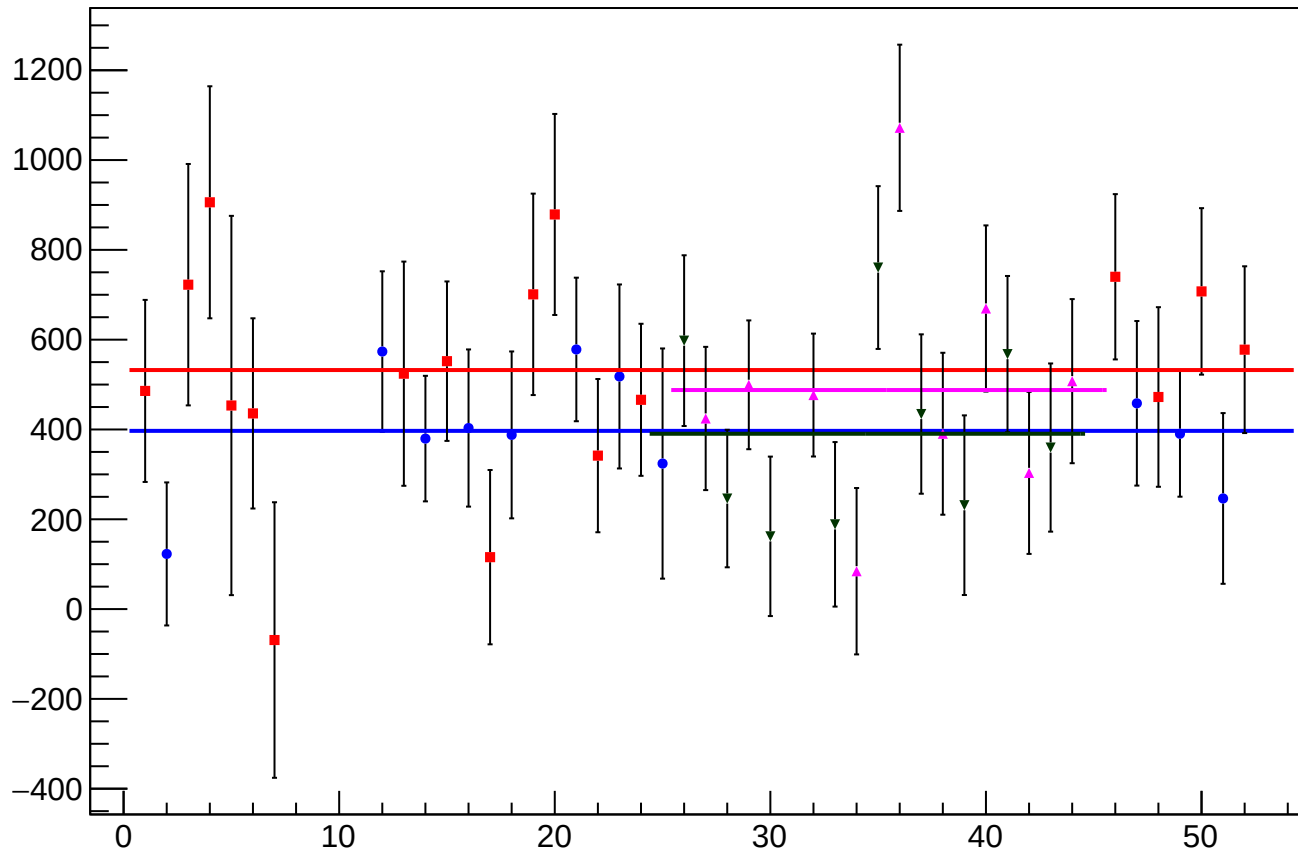
Left Out: 620.564 ± 0.193 χ^2/NDF : 128801.5/9

Right Out: 557.165 ± 0.135 χ^2/NDF : 527136.1/17

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

571.347 ± 0.076 χ^2/NDF : 1275524.1/50

reg_asym_usr_mean vs slug



Right In: 396.891 ± 51.984 $\chi^2/\text{NDF}: 6.4/10$

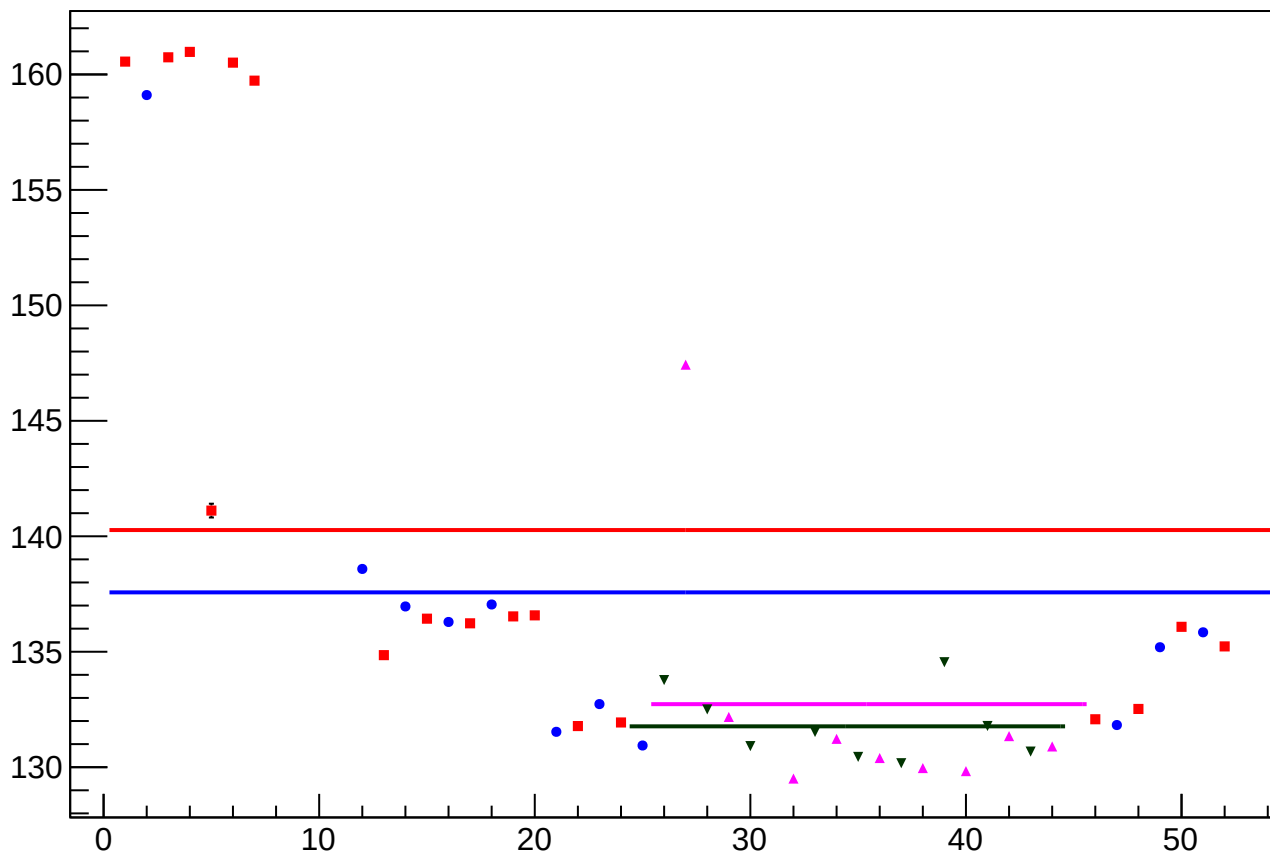
Left Out: 390.446 ± 59.706 $\chi^2/\text{NDF}: 10.9/8$

Right Out: 532.349 ± 50.790 $\chi^2/\text{NDF}: 18.0/16$

Left In: 487.835 ± 55.879 $\chi^2/\text{NDF}: 17.2/8$

455.653 ± 27.131 $\chi^2/\text{NDF}: 57.6/45$

reg_asym_usr_rms vs slug



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

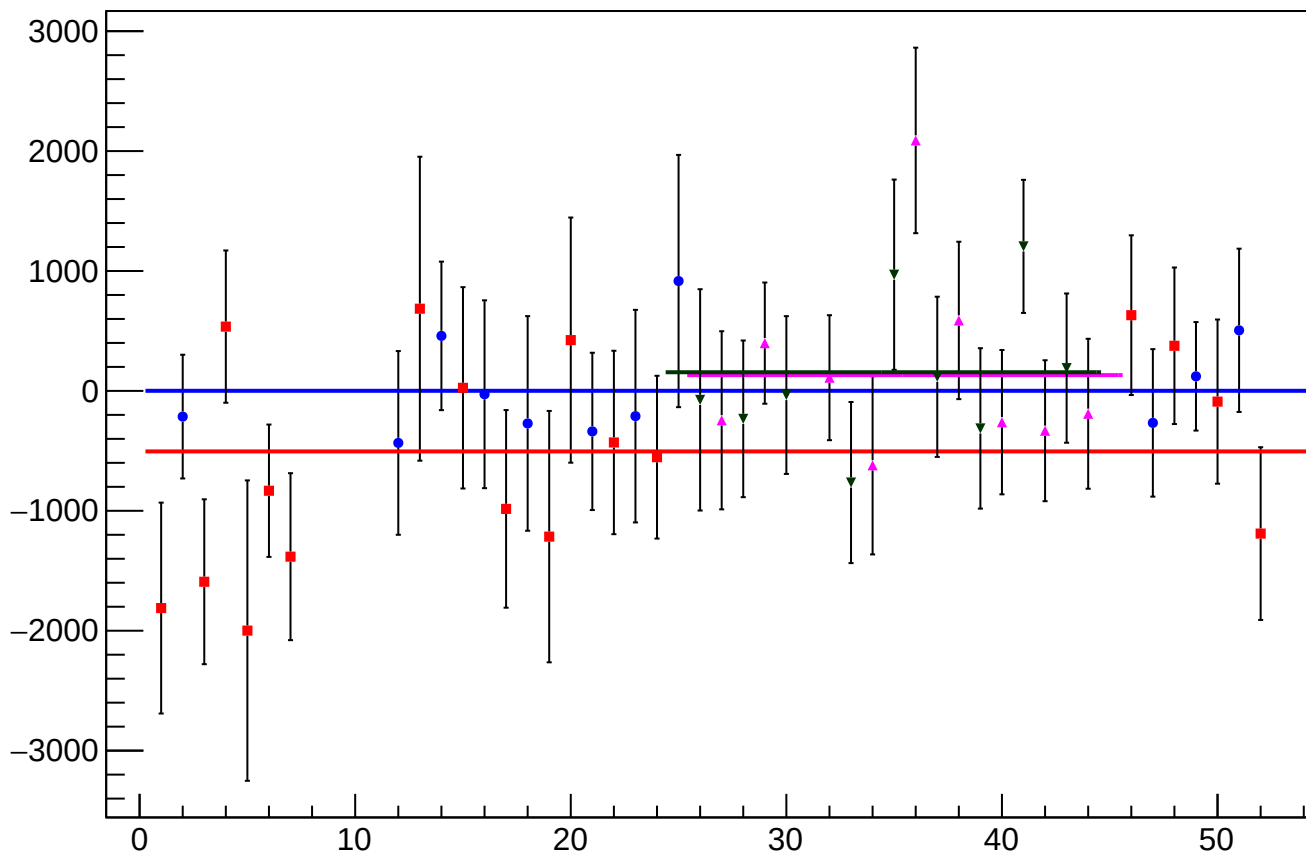
Left Out: 131.770+/-0.042 χ^2/NDF :1040.2/8

Right Out: 140.270+/-0.036 χ^2/NDF : 93886.9/16

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

136.002+/-0.019 χ^2/NDF : 192439.6/45

asym_usr_correction_mean vs slug



Right In: 0.882 $\pm$ 199.466 χ^2/NDF : 3.0/10

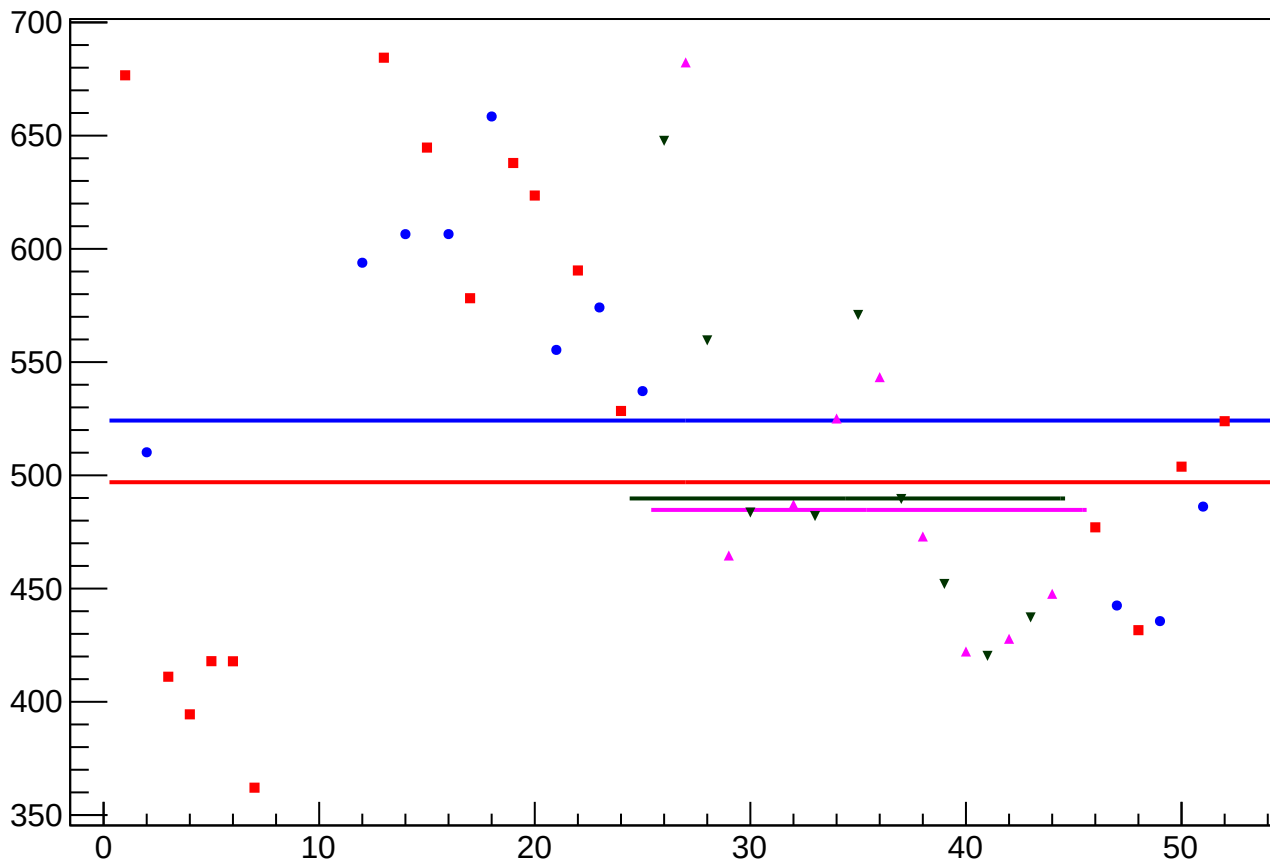
Left Out: 155.597 $\pm$ 223.964 χ^2/NDF : 7.5/8

Right Out: -504.683 $\pm$ 183.195 χ^2/NDF : 19.7/16

Left In: 131.610 $\pm$ 206.595 χ^2/NDF : 9.8/8

-89.834 $\pm$ 100.863 χ^2/NDF : 47.7/45

asym_usr_correction_rms vs slug



Right In: 524.192+/-0.141 χ^2/NDF : 249769.5/10

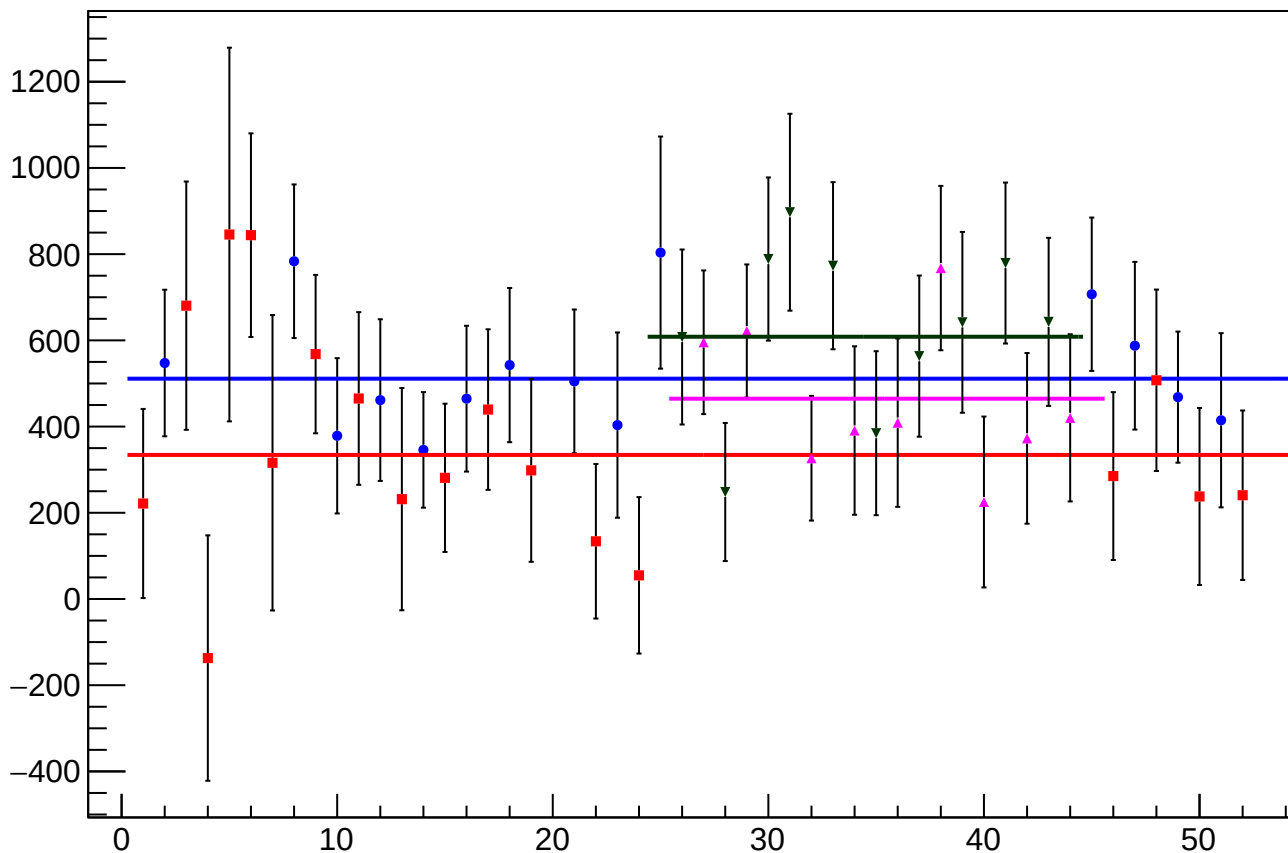
Left Out: 489.788+/-0.158 χ^2/NDF :154690.5/8

Right Out: 496.963+/-0.130 χ^2/NDF : 541858.1/16

Left In: 484.734+/-0.146 χ^2/NDF :210156.0/8

499.556+/-0.071 χ^2/NDF : 1201482.6/45

reg_asym_dsl_mean vs slug



Right In: 511.082 ± 47.439 $\chi^2/\text{NDF}: 7.7/13$

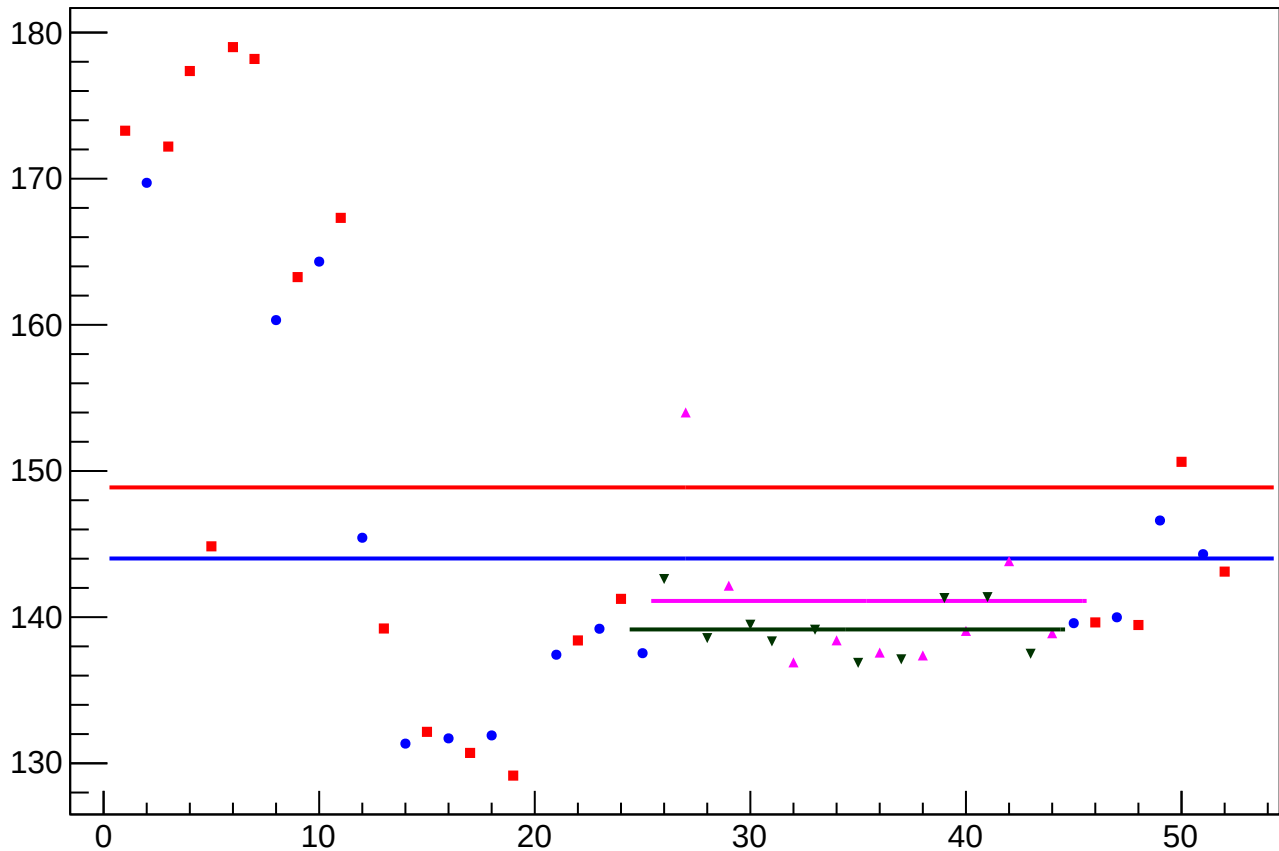
Left Out: 608.408 ± 60.755 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 334.219 ± 50.545 $\chi^2/\text{NDF}: 18.0/17$

Left In: 464.679 ± 59.428 $\chi^2/\text{NDF}: 7.0/8$

470.790 ± 26.824 $\chi^2/\text{NDF}: 56.5/50$

reg_asym_dsl_rms vs slug



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

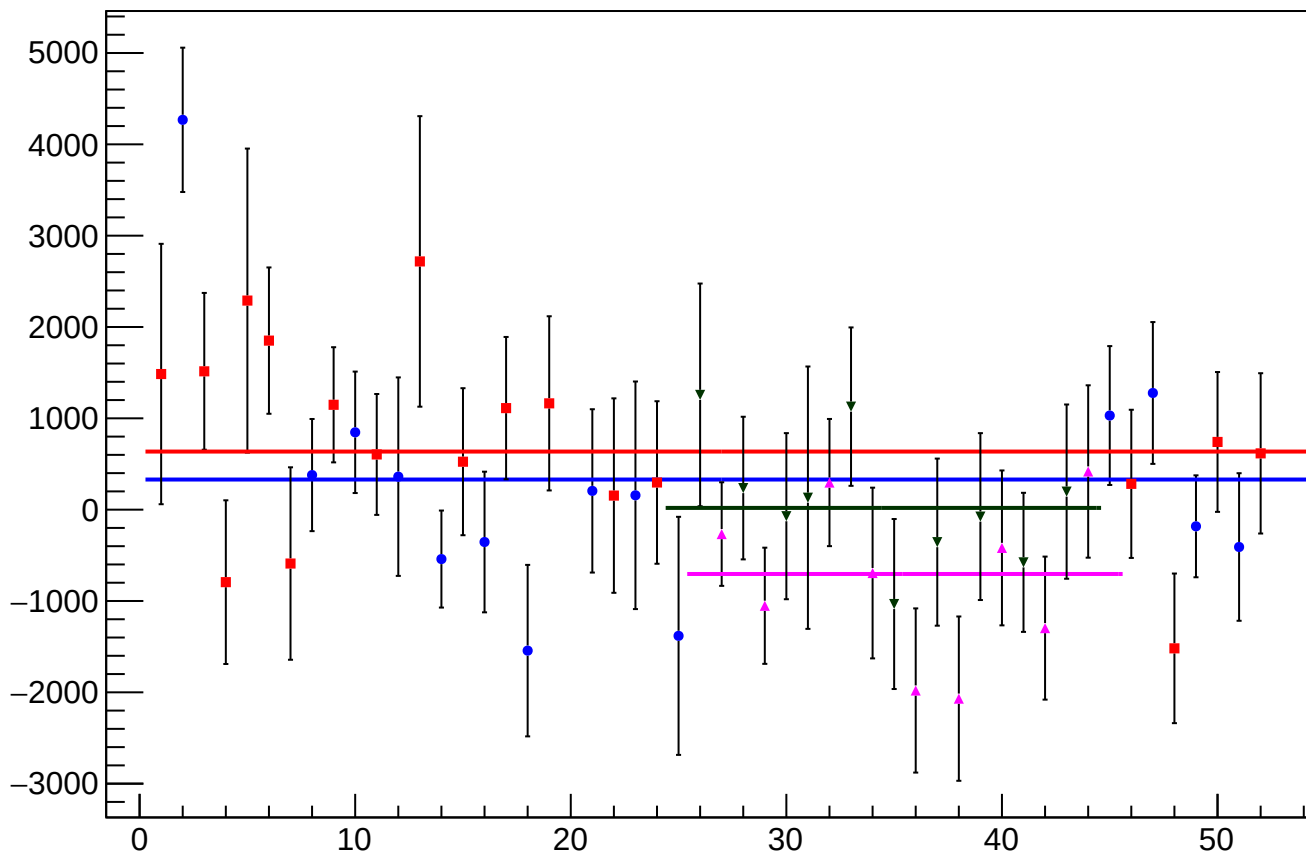
Left Out: 139.159 $\pm$ 0.043 χ^2 /NDF:1800.6/9

Right Out: 148.877 $\pm$ 0.036 χ^2 /NDF: 213197.1/17

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

143.845 $\pm$ 0.019 χ^2 /NDF: 400981.6/50

asym_dsl_correction_mean vs slug



Right In: 329.904 ± 202.669 $\chi^2/\text{NDF}: 38.7/13$

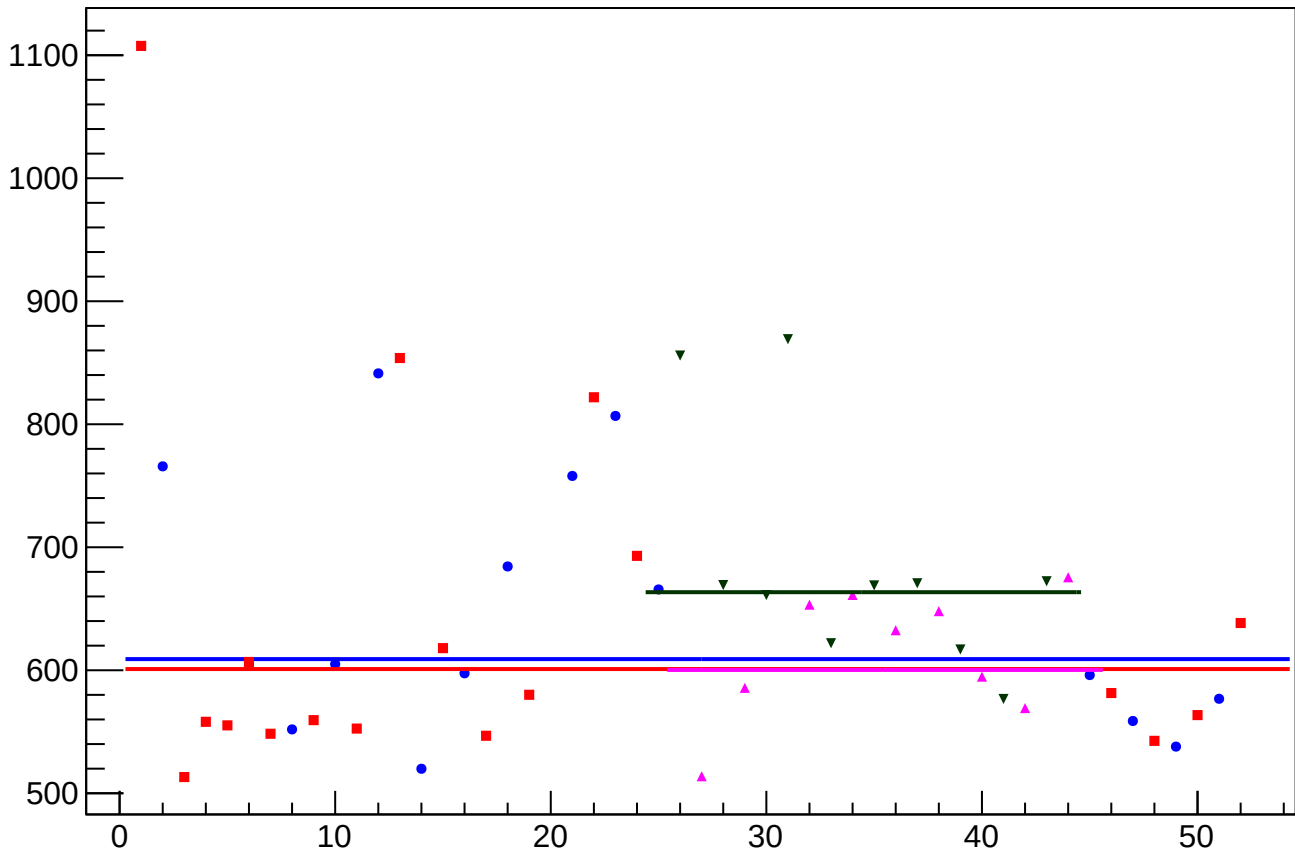
Left Out: 19.163 ± 292.256 $\chi^2/\text{NDF}: 4.9/9$

Right Out: 636.154 ± 206.022 $\chi^2/\text{NDF}: 19.1/17$

Left In: -704.266 ± 254.769 $\chi^2/\text{NDF}: 9.4/8$

165.203 ± 115.454 $\chi^2/\text{NDF}: 89.9/50$

asym_dsl_correction_rms vs slug



Right In: 609.070+/-0.143 χ^2/NDF : 411397.7/13

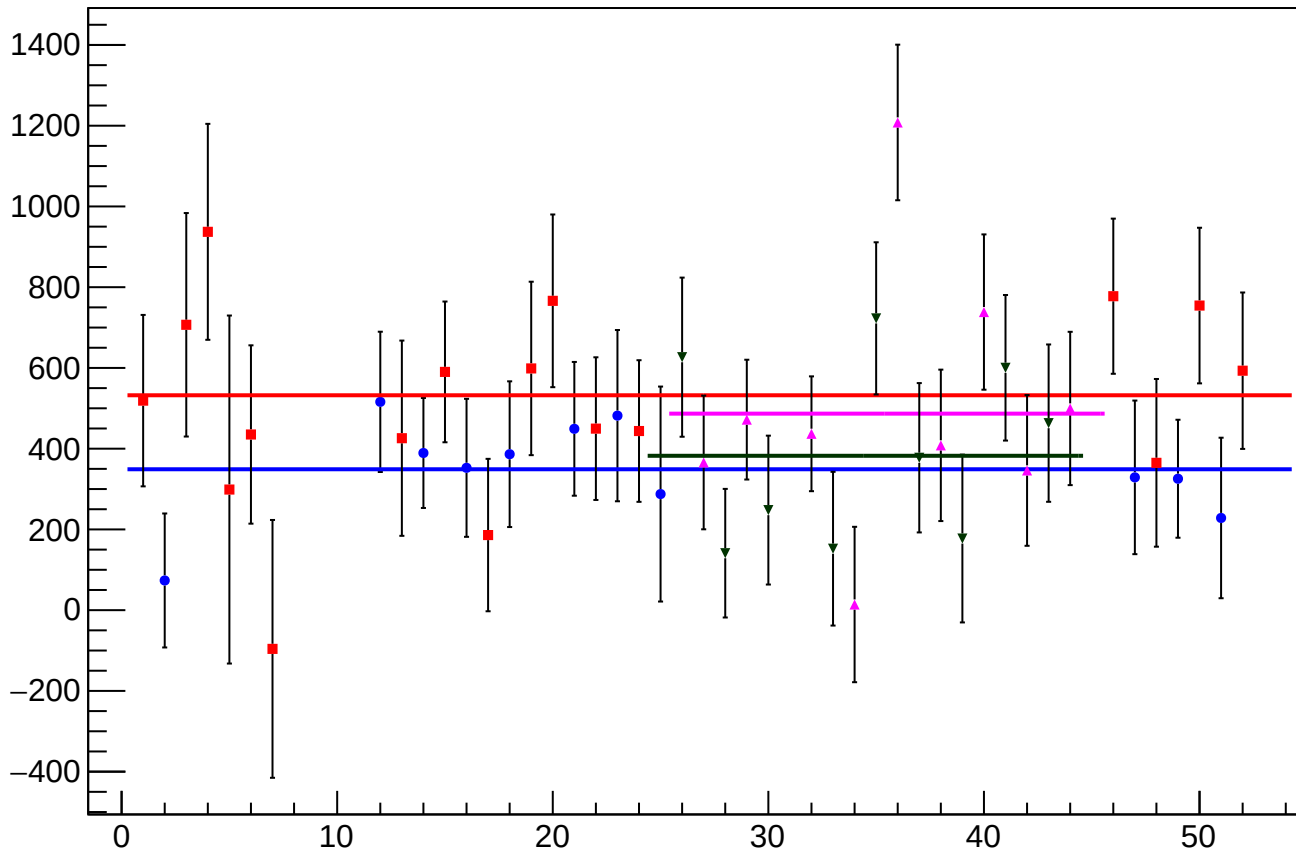
Left Out: 663.469+/-0.207 χ^2/NDF : 127083.8/9

613.211+/-0.082 χ^2/NDF : 1195899.6/50

Right Out: 600.983+/-0.146 χ^2/NDF : 493425.9/17

Left In: 600.265+/-0.180 χ^2/NDF : 91803.6/8

reg_asym_dsr_mean vs slug



Right In: 349.008 ± 52.644 χ^2/NDF : 5.0/10

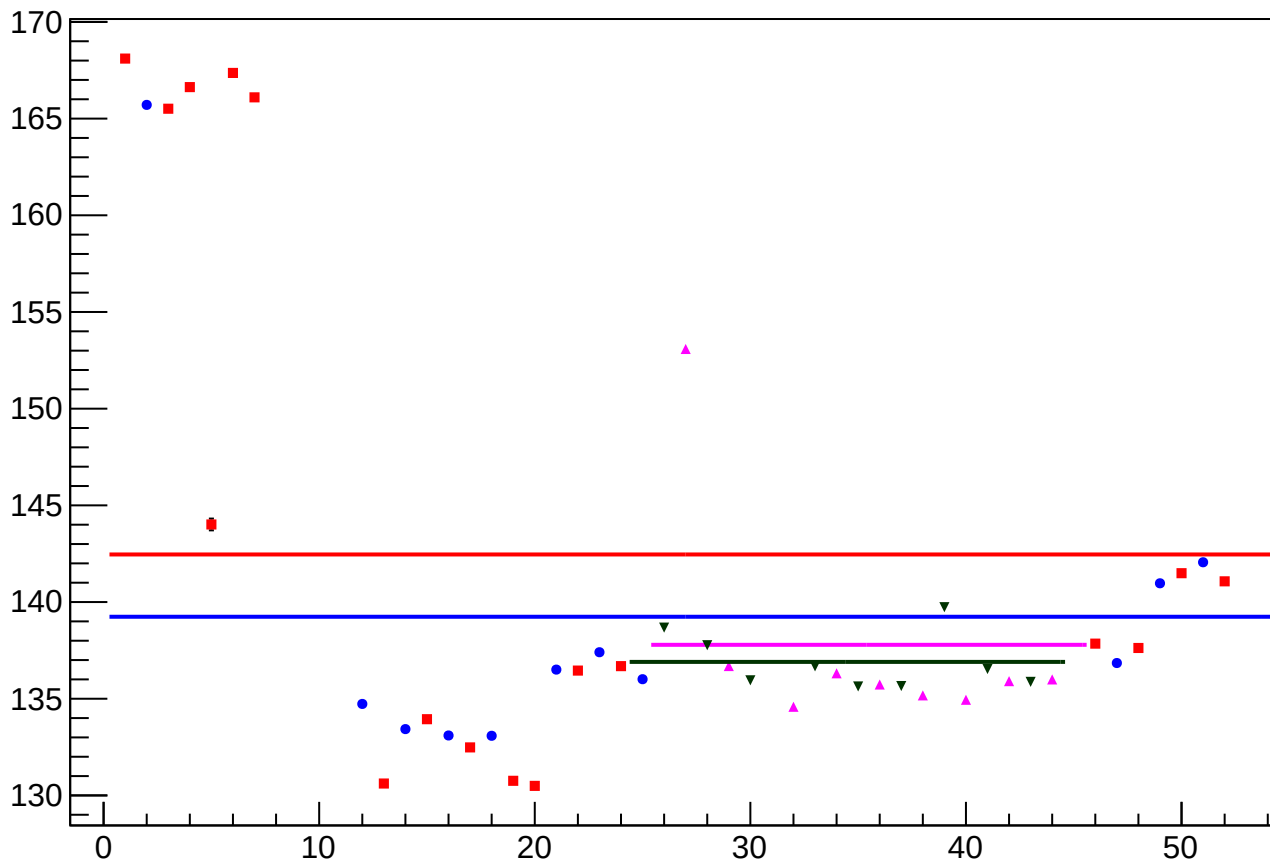
Left Out: 382.401 ± 62.041 χ^2/NDF : 11.7/8

Right Out: 532.292 ± 51.648 χ^2/NDF : 16.2/16

Left In: 486.782 ± 58.008 χ^2/NDF : 23.2/8

440.545 ± 27.813 χ^2/NDF : 63.8/45

reg_asym_dsr_rms vs slug



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

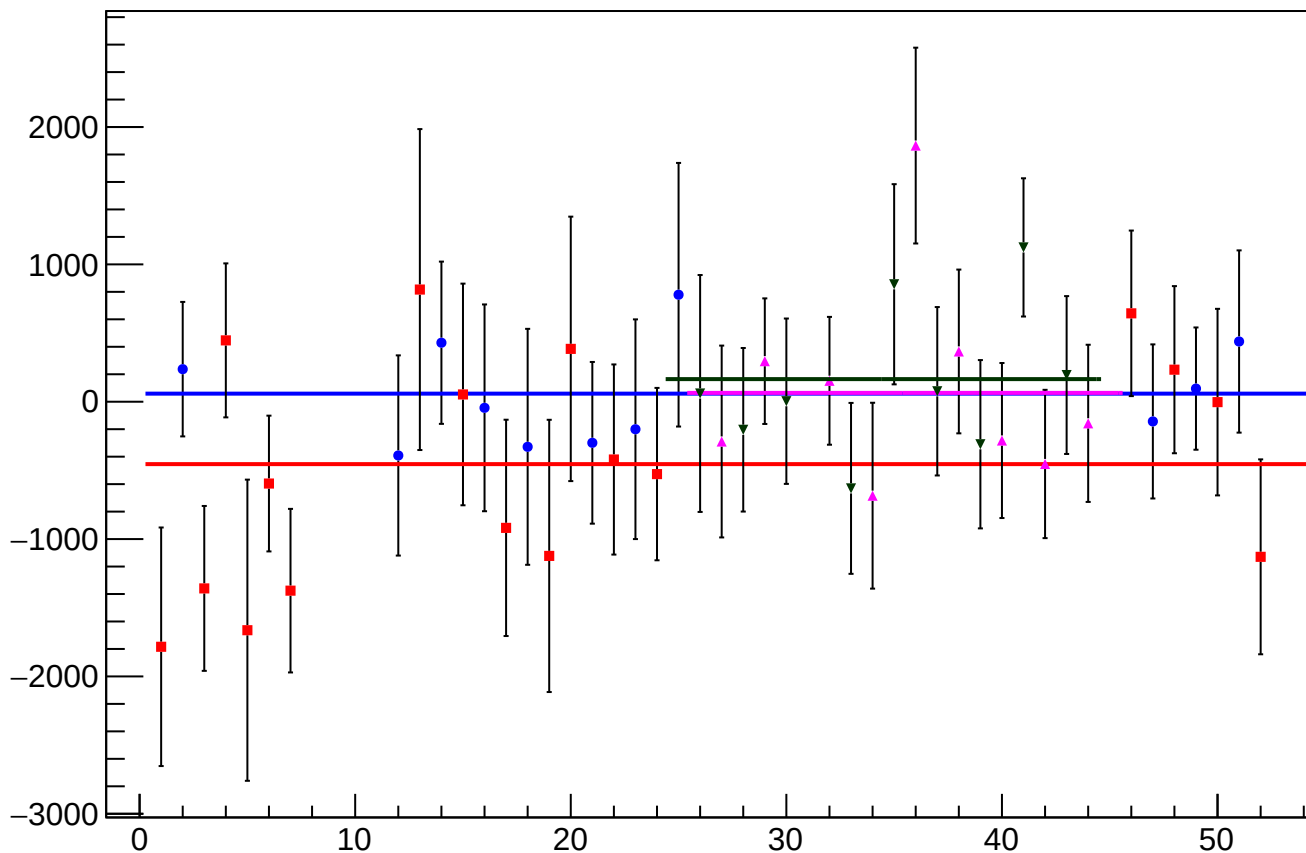
Left Out: 136.905 $\pm$ 0.044 χ^2/NDF : 893.7/8

Right Out: 142.460 $\pm$ 0.037 χ^2/NDF : 130014.3/16

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

139.371 $\pm$ 0.020 χ^2/NDF : 225241.9/45

asym_dsr_correction_mean vs slug



Right In: 58.863 ± 188.735 χ^2/NDF : 2.6/10

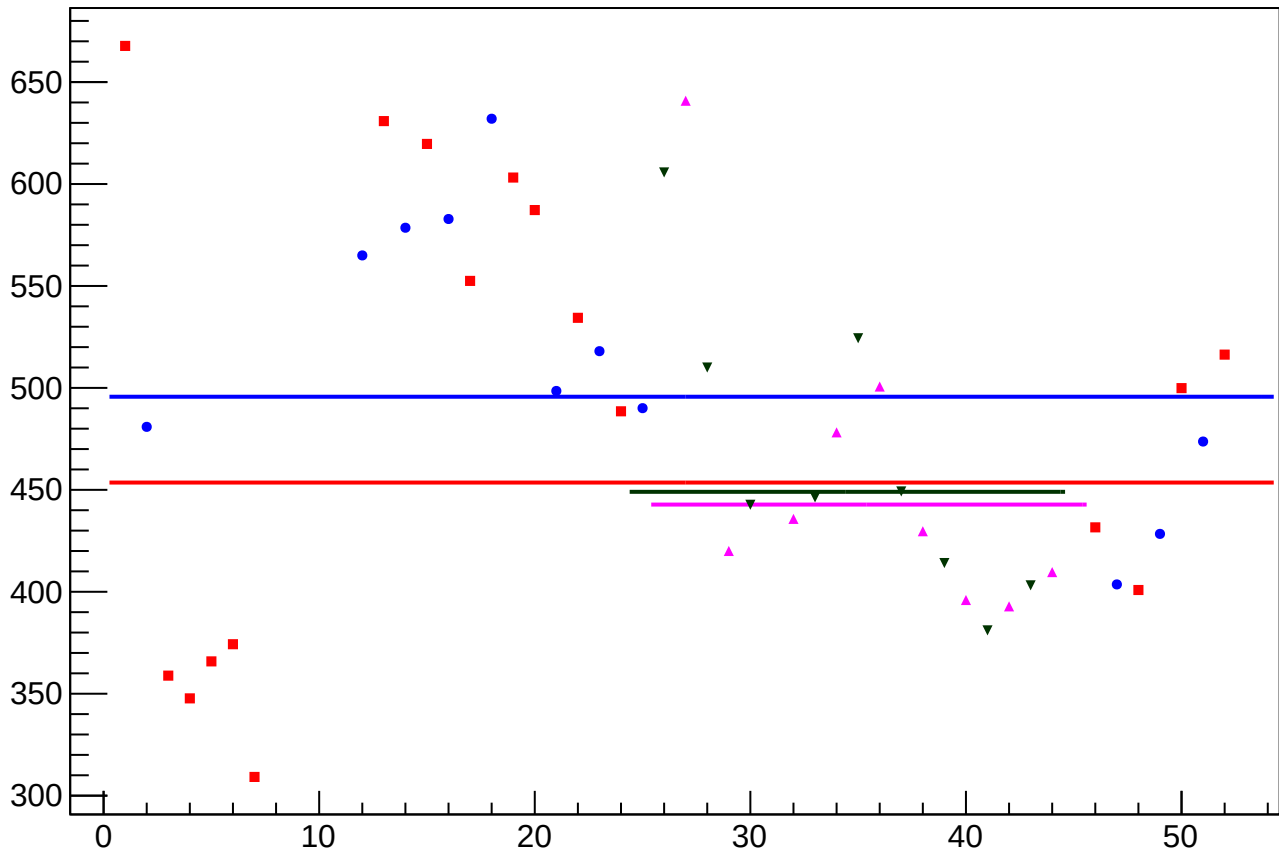
Left Out: 164.635 ± 205.449 χ^2/NDF : 7.3/8

Right Out: -454.295 ± 168.446 χ^2/NDF : 20.0/16

Left In: 64.363 ± 188.840 χ^2/NDF : 9.9/8

-75.212 ± 93.230 χ^2/NDF : 47.2/45

asym_dsr_correction_rms vs slug



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

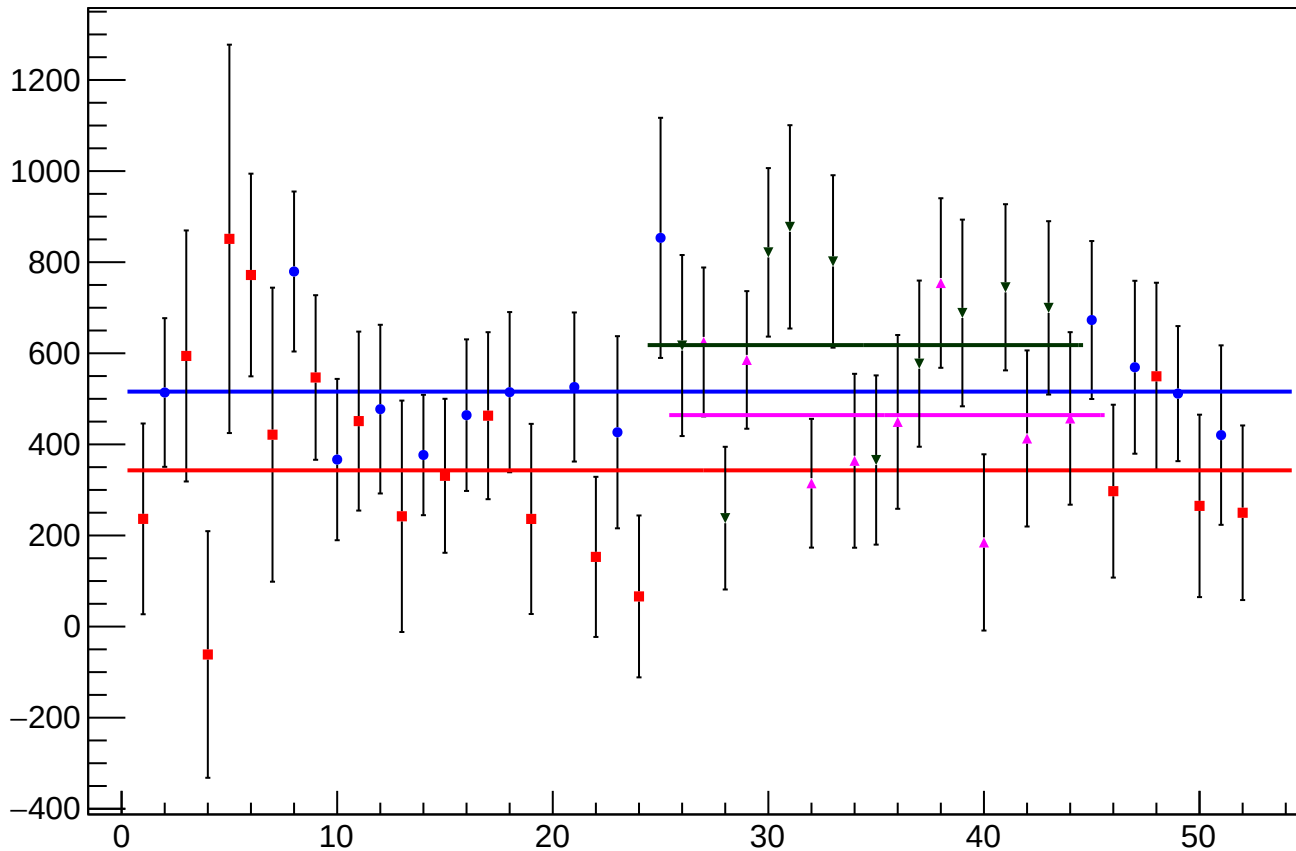
Left Out: 449.031+/-0.145 χ^2/NDF : 164300.9/8

Right Out: 453.575+/-0.119 χ^2/NDF : 747148.2/16

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

460.278+/-0.066 χ^2/NDF : 1471562.4/45

reg_asym_left_avg_mean vs slug



Right In: 515.865 ± 46.464 χ^2/NDF : 7.2/13

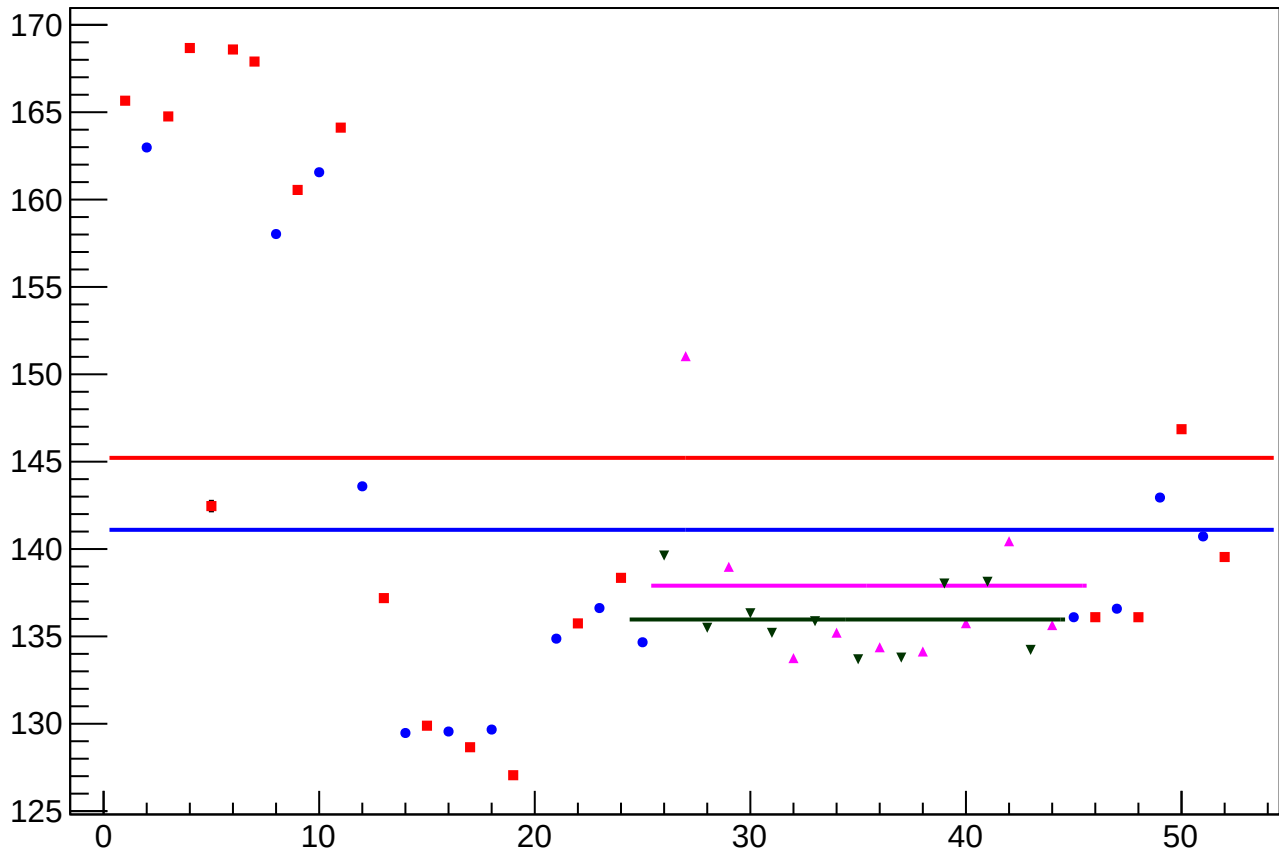
Left Out: 617.964 ± 59.362 χ^2/NDF : 12.1/9

Right Out: 342.982 ± 49.246 χ^2/NDF : 16.0/17

Left In: 464.267 ± 58.080 χ^2/NDF : 7.6/8

476.293 ± 26.209 χ^2/NDF : 56.6/50

reg_asym_left_avg_rms vs slug



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

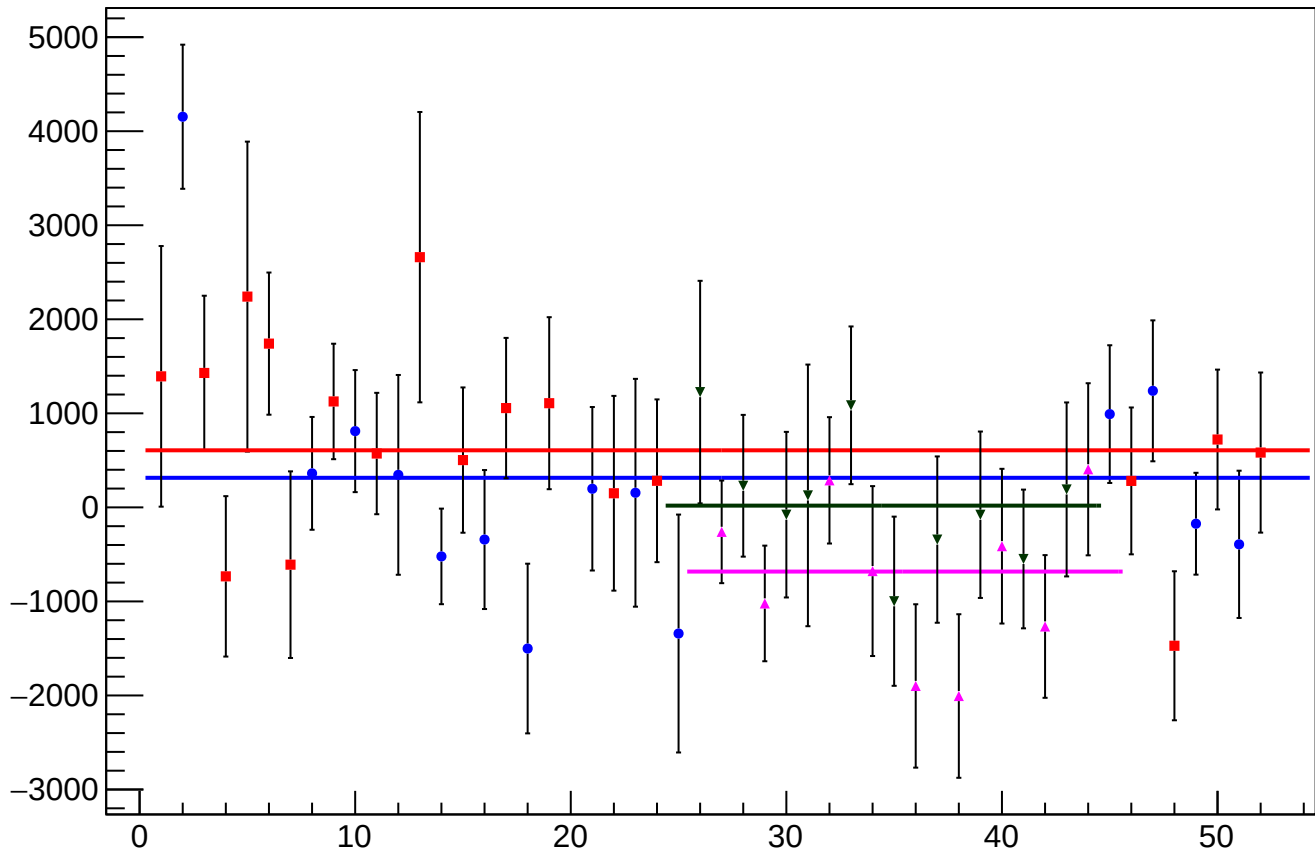
Left Out: 135.967+/-0.042 χ^2/NDF : 1963.3/9

140.615+/-0.019 χ^2/NDF : 355292.6/50

Right Out: 145.218+/-0.035 χ^2/NDF : 178234.2/17

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

asym_left_avg_correction_mean vs slug



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

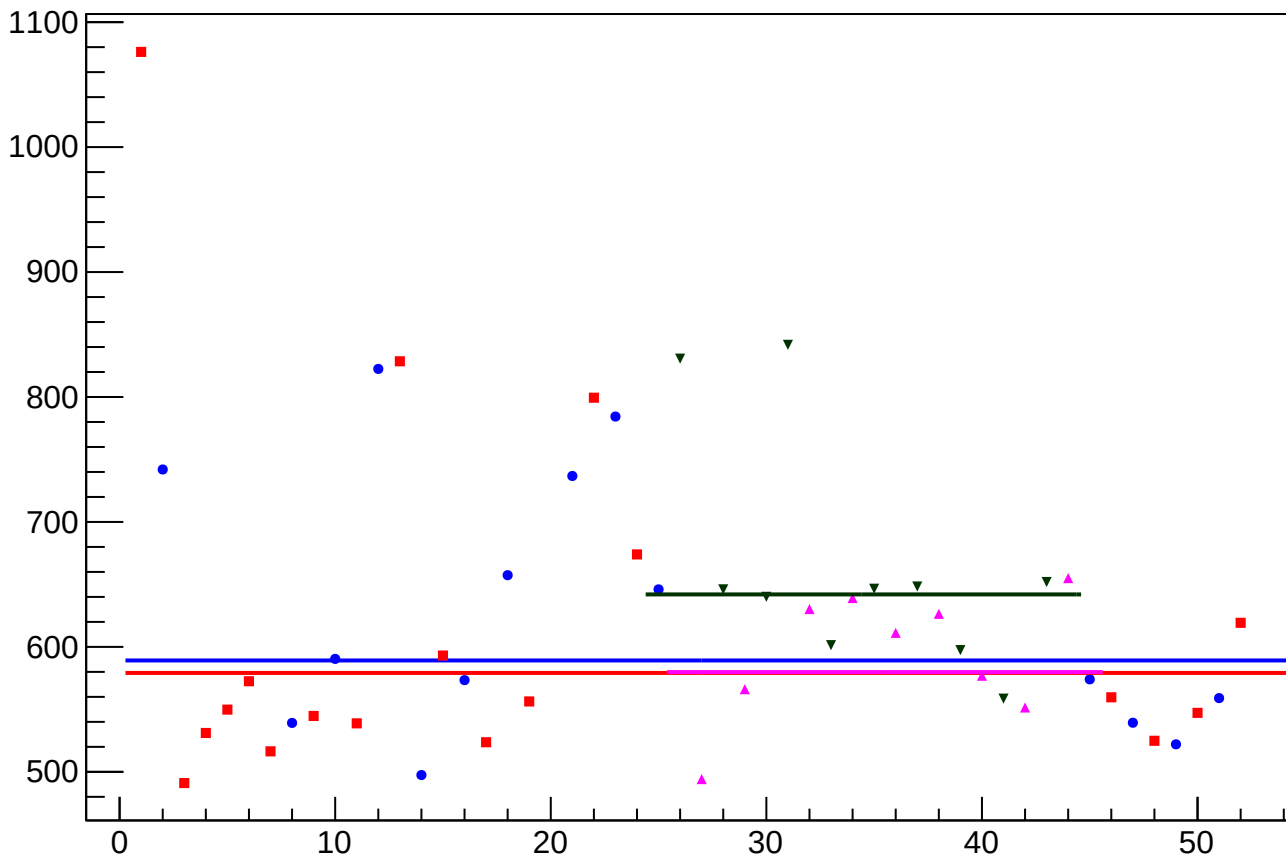
Left Out: 18.573 ± 282.811 $\chi^2/\text{NDF}: 4.8/9$

155.809 ± 111.563 $\chi^2/\text{NDF}: 90.0/50$

Right Out: 606.804 ± 198.634 $\chi^2/\text{NDF}: 19.1/17$

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

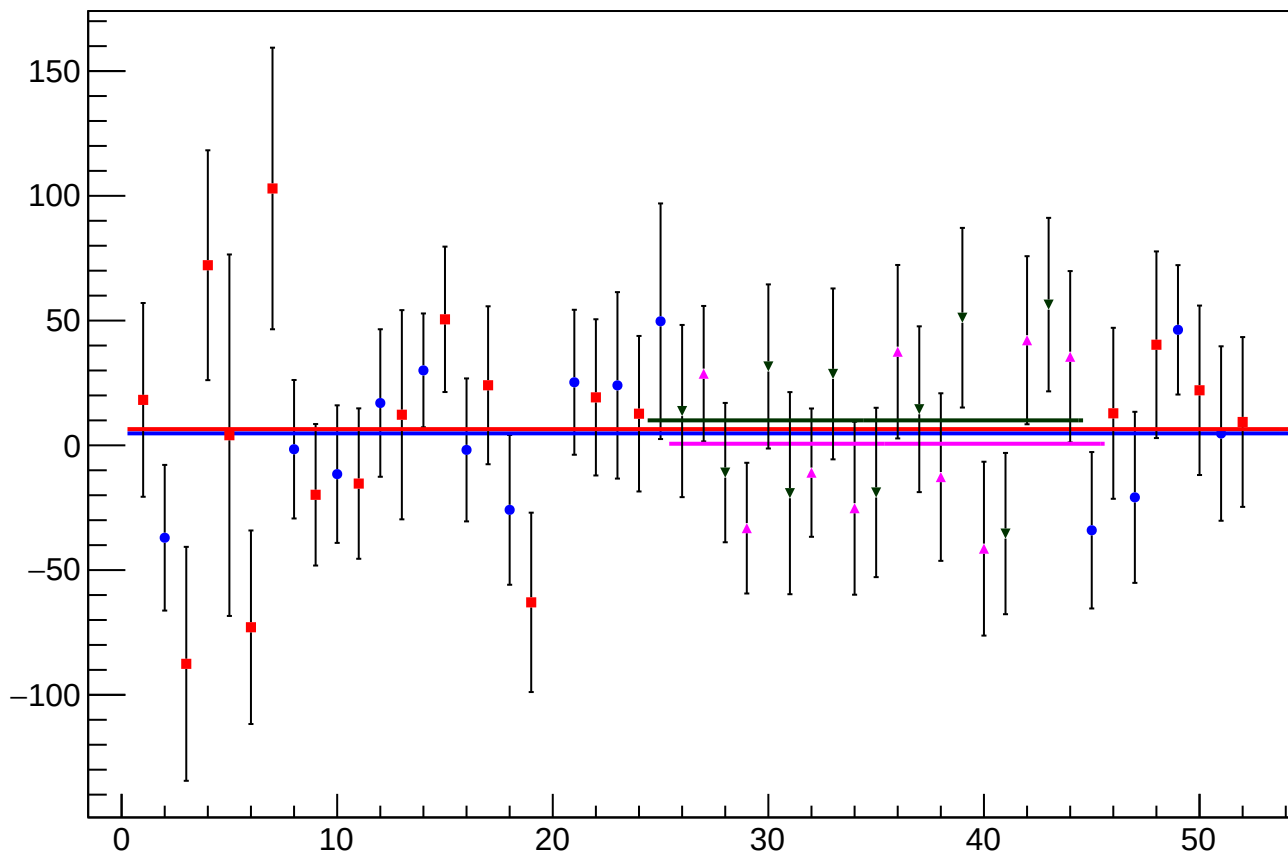
Left Out: 642.002+/-0.200 χ^2/NDF :127900.5/9

Right Out: 579.157+/-0.140 χ^2/NDF : 508056.4/17

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

592.308+/-0.079 χ^2/NDF : 1231551.2/50

reg_asym_left_dd_mean vs slug



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

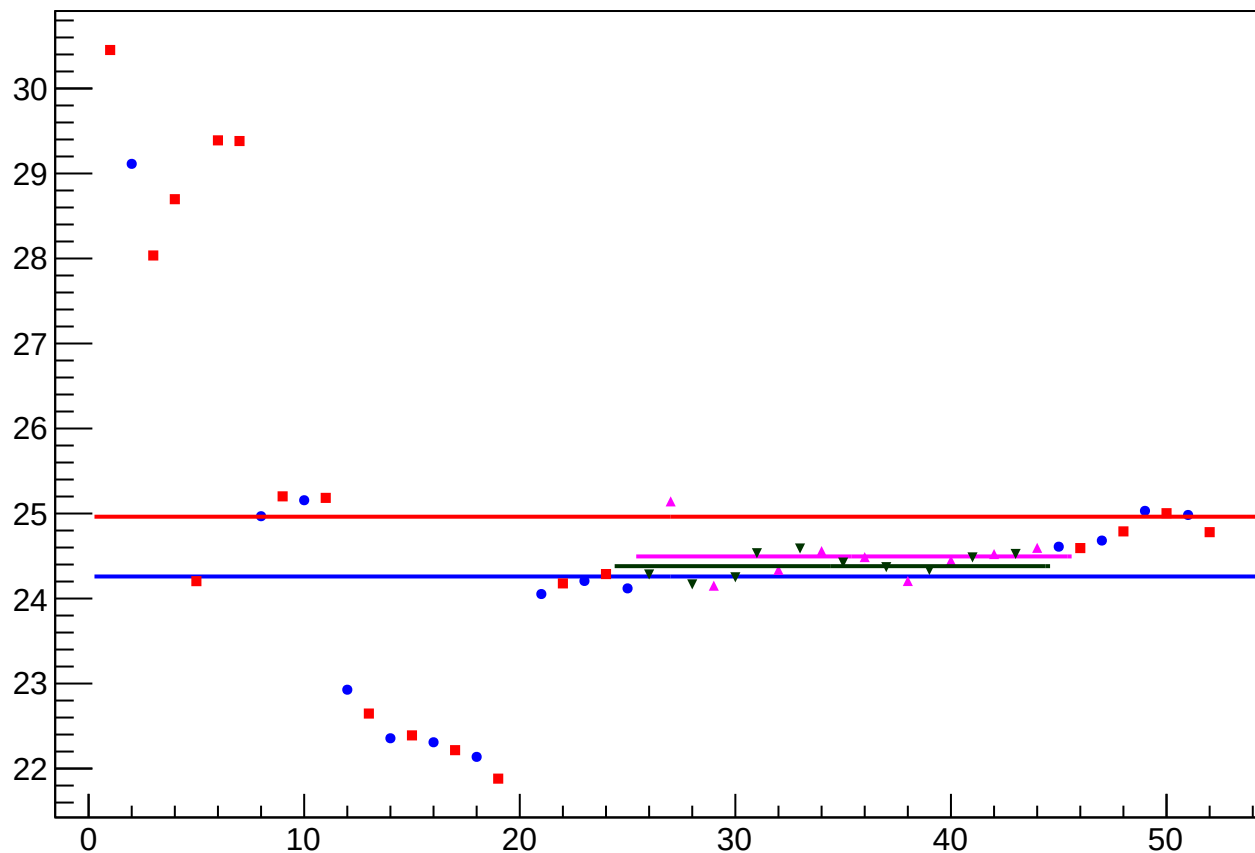
Left Out: 10.009 ± 10.637 χ^2/NDF : 7.6/9

Right Out: 6.500 ± 8.461 χ^2/NDF : 22.3/17

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

5.436 ± 4.567 χ^2/NDF : 50.4/50

reg_asym_left_dd_rms vs slug



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

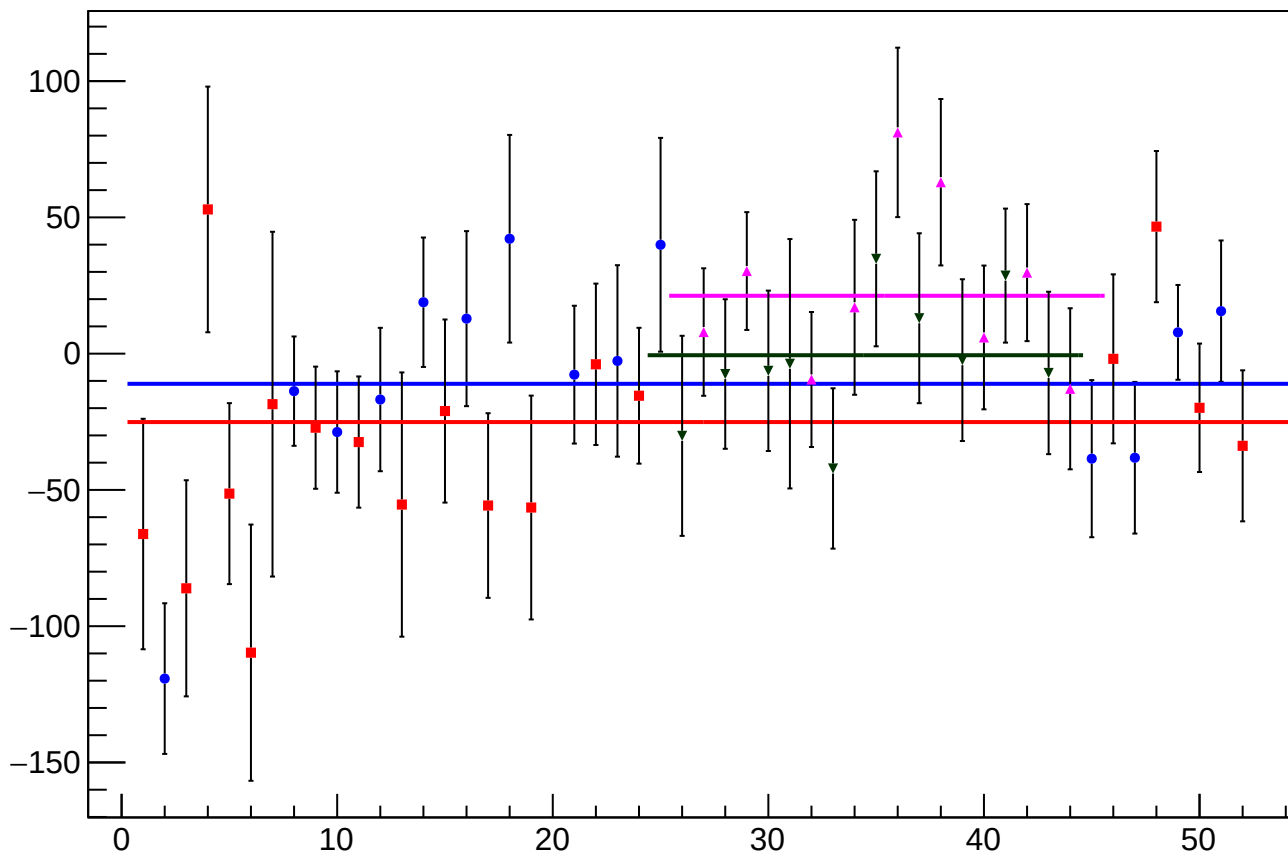
Left Out: 24.381+/-0.008 χ^2/NDF : 328.3/9

Right Out: 24.963+/-0.006 χ^2/NDF : 154475.6/17

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

24.533+/-0.003 χ^2/NDF : 263735.6/50

asym_left_dd_correction_mean vs slug



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

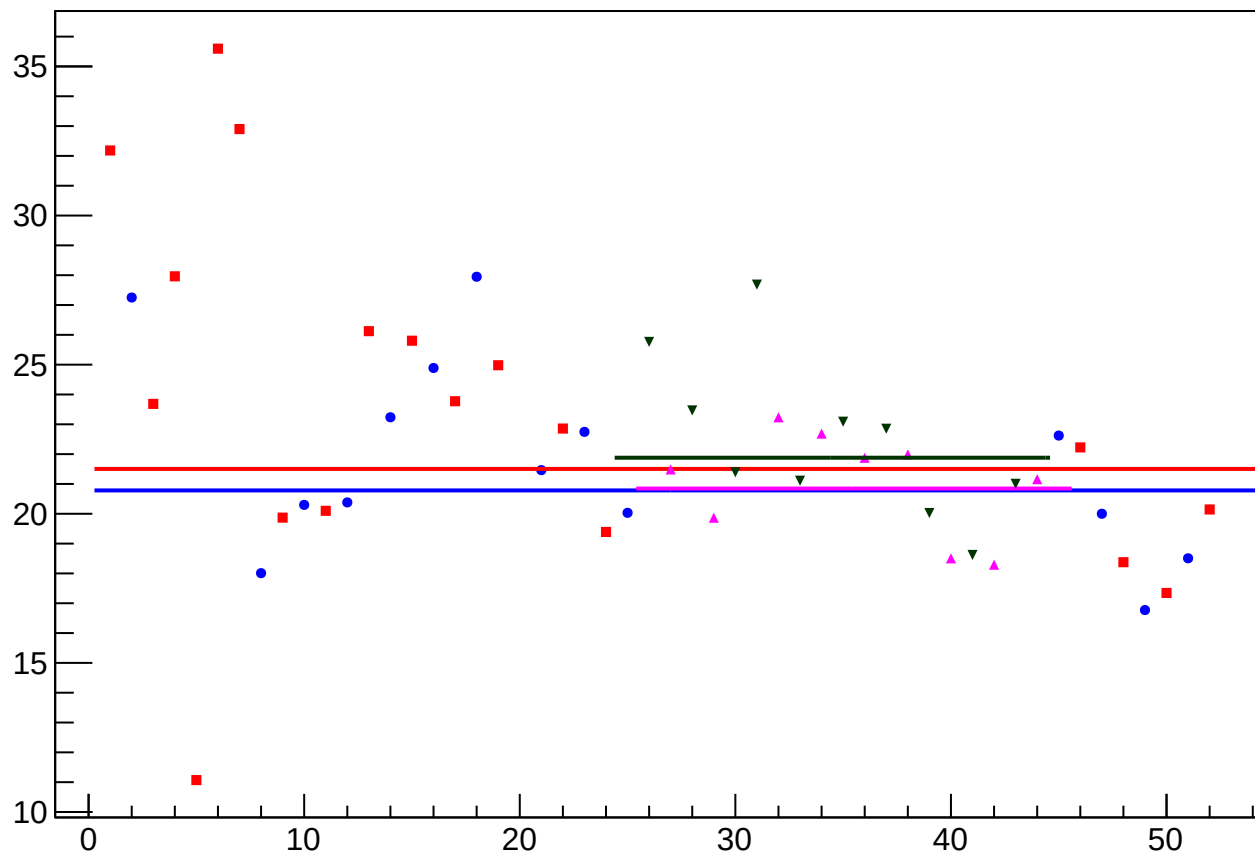
Left Out: -0.575 ± 9.634 $\chi^2/\text{NDF}: 5.6/9$

-6.668 ± 3.997 $\chi^2/\text{NDF}: 78.1/50$

Right Out: -25.104 ± 7.457 $\chi^2/\text{NDF}: 20.1/17$

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

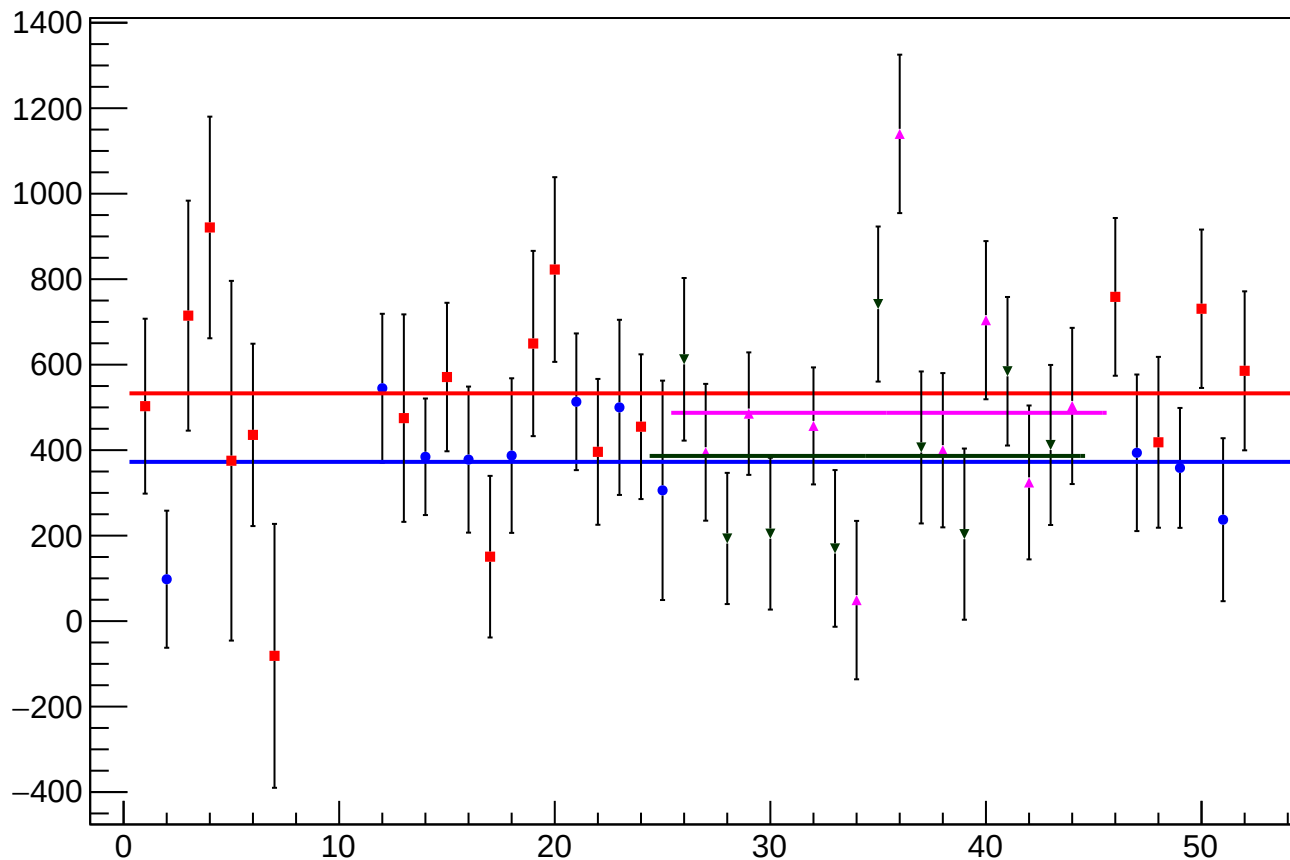
Left Out: 21.880+/-0.007 χ^2 /NDF:112645.4/9

Right Out: 21.504+/-0.005 χ^2 /NDF: 820626.4/17

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

21.192+/-0.003 χ^2 /NDF: 1443417.1/50

reg_asym_right_avg_mean vs slug



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

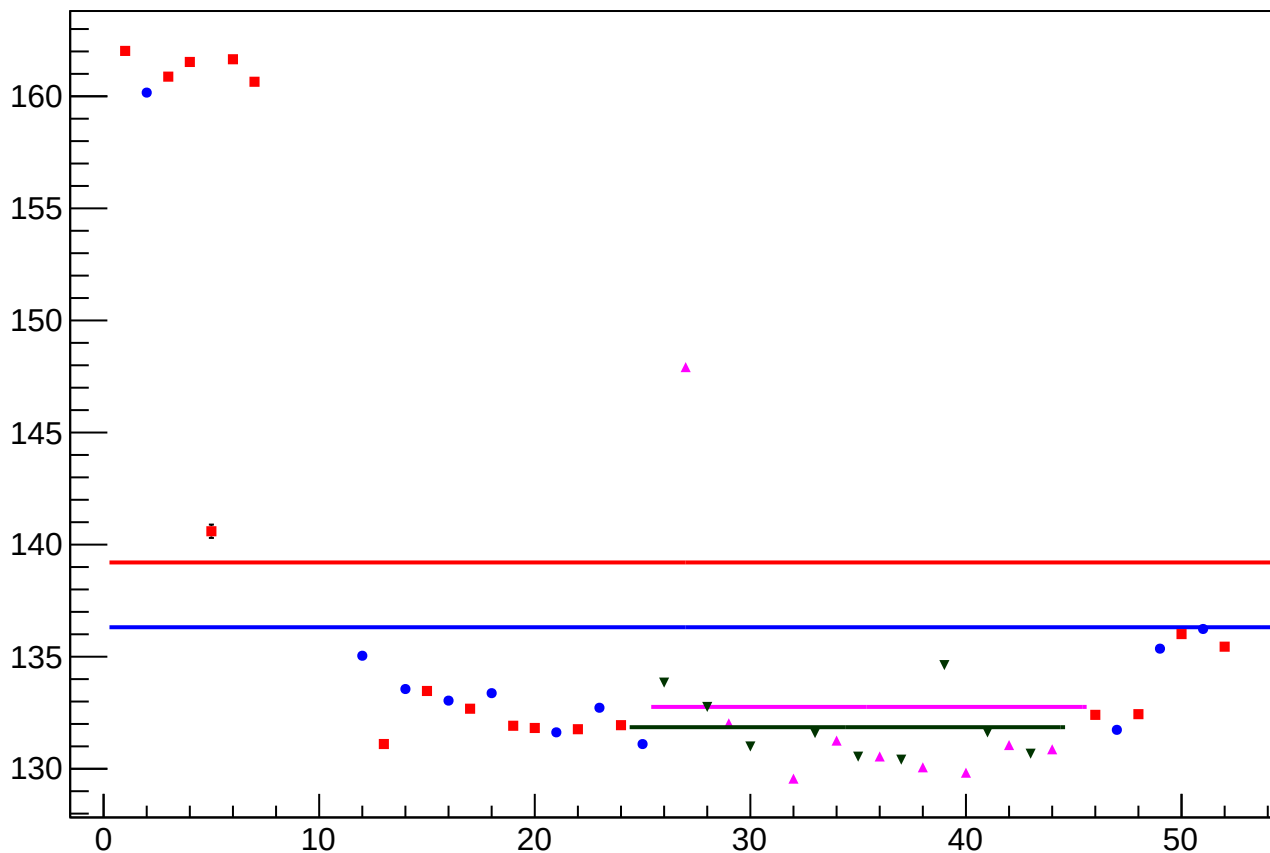
Left Out: 386.472 ± 59.748 χ^2/NDF : 11.4/8

Right Out: 532.883 ± 50.433 χ^2/NDF : 17.2/16

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

448.226 ± 27.016 χ^2/NDF : 61.7/45

reg_asym_right_avg_rms vs slug



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

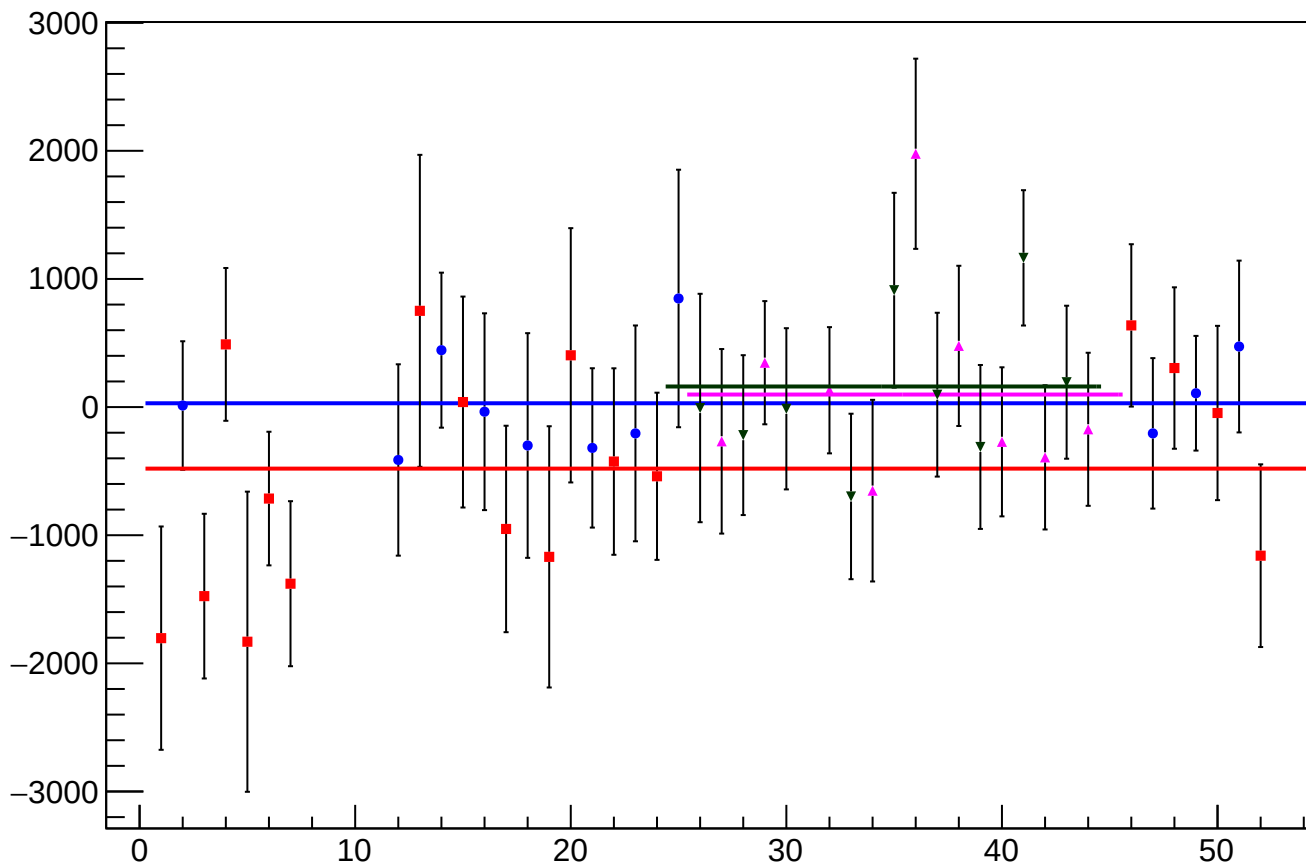
Left Out: 131.856 ± 0.042 χ^2/NDF : 1042.7/8

Right Out: 139.204 ± 0.036 χ^2/NDF : 109782.4/16

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

135.402 ± 0.019 χ^2/NDF : 206104.5/45

asym_right_avg_correction_mean vs slug



Right In: 29.807 ± 193.876 $\chi^2/\text{NDF}: 2.7/10$

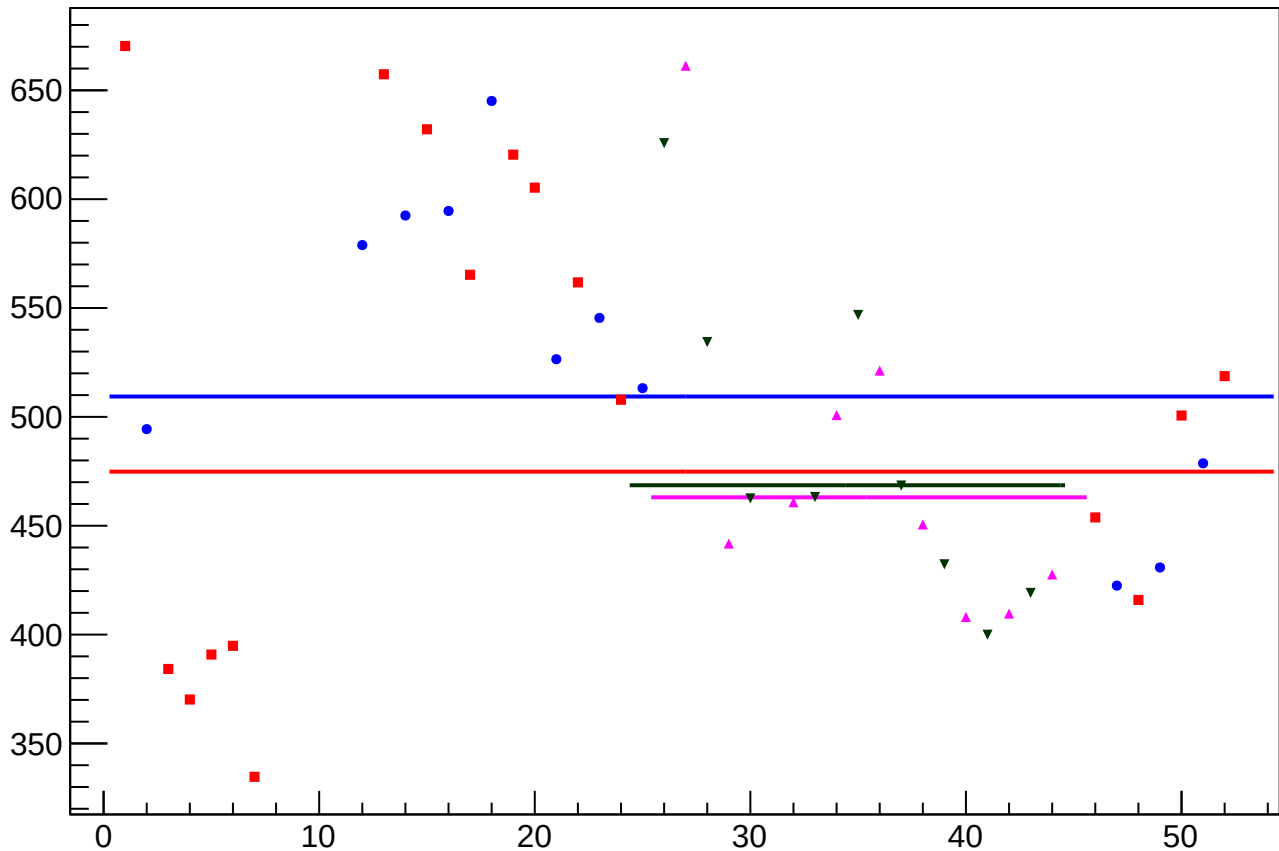
Left Out: 160.700 ± 214.338 $\chi^2/\text{NDF}: 7.4/8$

-82.338 ± 96.925 $\chi^2/\text{NDF}: 47.3/45$

Right Out: -480.222 ± 175.637 $\chi^2/\text{NDF}: 19.8/16$

Left In: 97.893 ± 197.421 $\chi^2/\text{NDF}: 9.8/8$

asym_right_avg_correction_rms vs slug



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

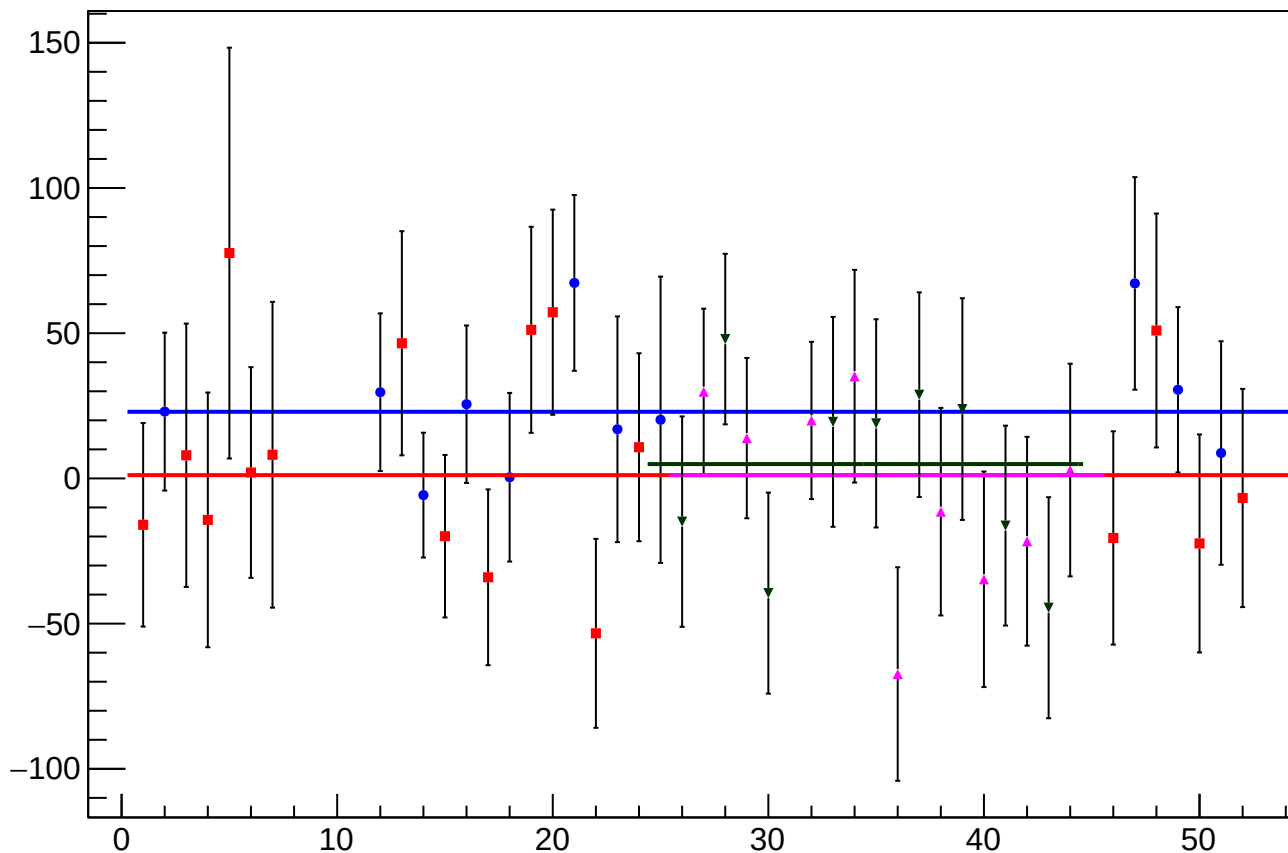
Left Out: 468.599+/-0.152 χ^2/NDF : 159871.6/8

Right Out: 474.849+/-0.124 χ^2/NDF : 636514.2/16

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

479.352+/-0.069 χ^2/NDF : 1325719.8/45

reg_asym_right_dd_mean vs slug



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

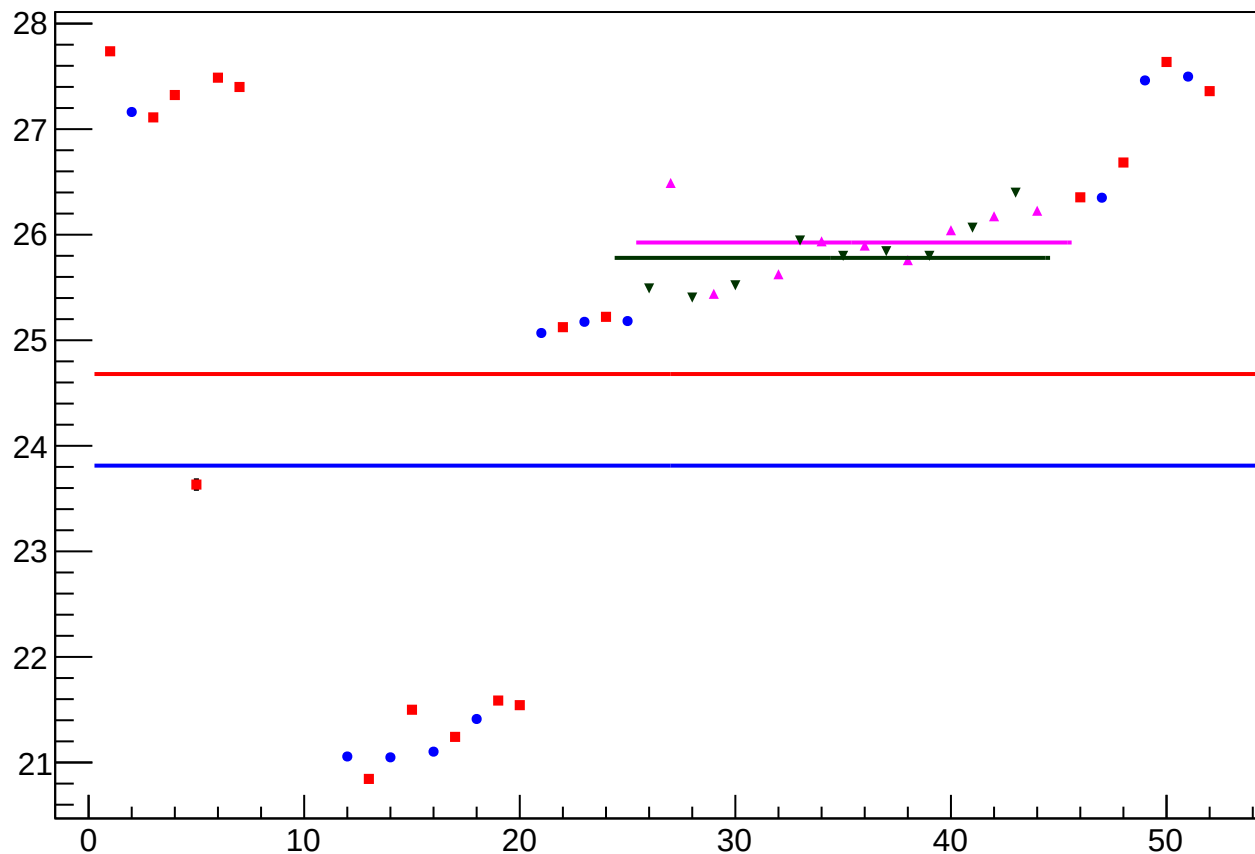
Left Out: 4.935 $\pm$ 11.682 χ^2 /NDF: 7.2/8

Right Out: 1.132 $\pm$ 8.960 χ^2 /NDF: 14.6/16

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

8.426 $\pm$ 4.973 χ^2 /NDF: 39.4/45

reg_asym_right_dd_rms vs slug



Right In: 23.812+/-0.006 χ^2/NDF : 186022.2/10

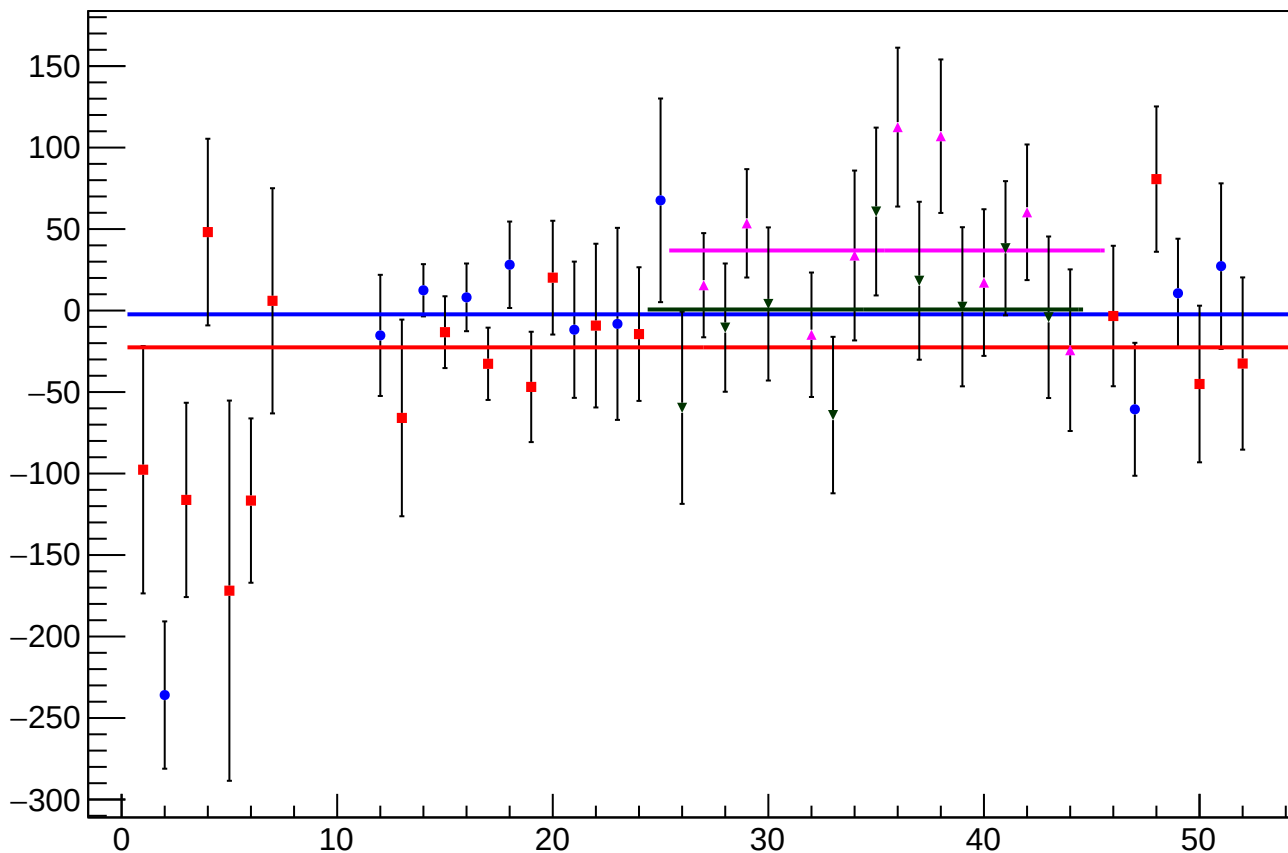
Left Out: 25.780+/-0.008 χ^2/NDF :1282.1/8

Right Out: 24.680+/-0.006 χ^2/NDF : 181023.2/16

Left In: 25.926+/-0.008 χ^2/NDF :1941.2/8

24.876+/-0.004 χ^2/NDF : 429475.4/45

asym_right_dd_correction_mean vs slug



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

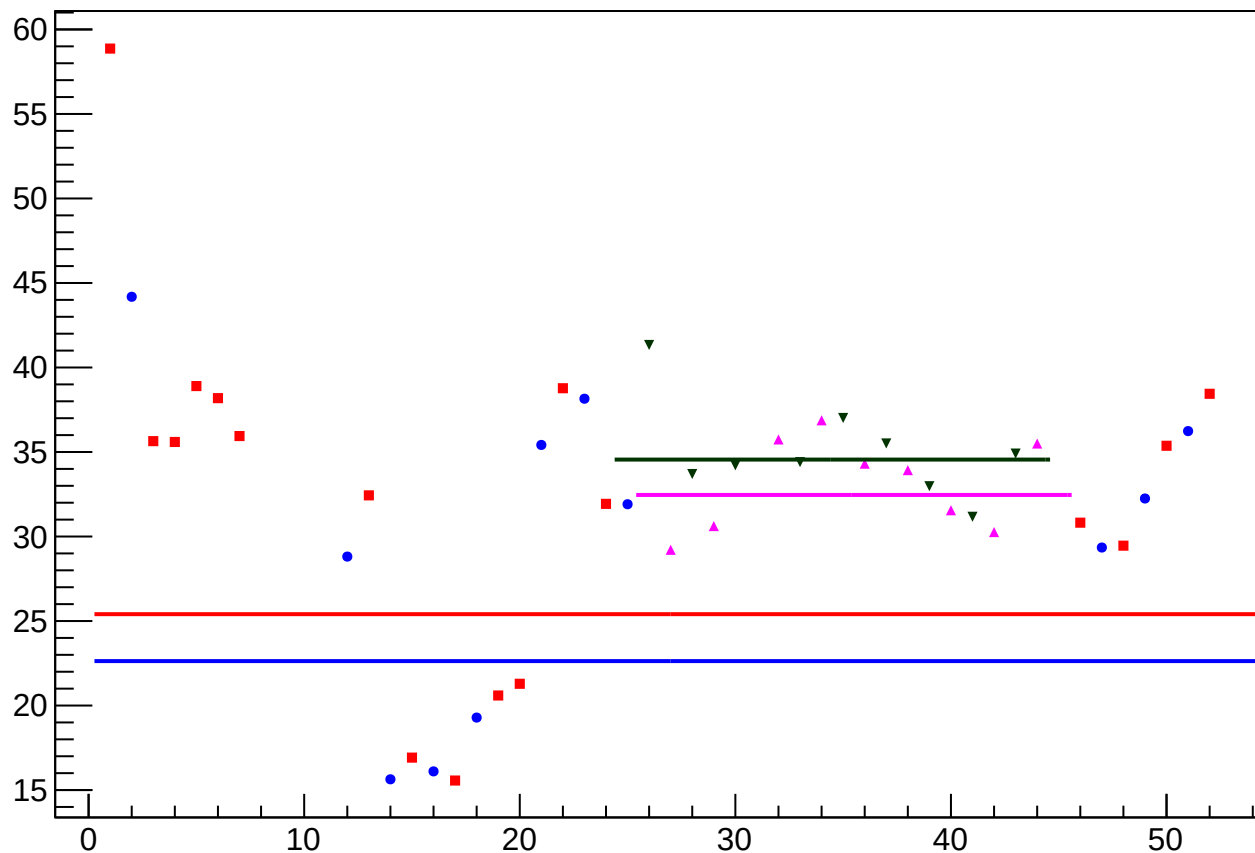
Left Out: 0.666 ± 15.731 $\chi^2/\text{NDF}: 5.3/8$

Right Out: -22.572 ± 9.843 $\chi^2/\text{NDF}: 19.1/16$

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

-1.993 ± 5.635 $\chi^2/\text{NDF}: 79.1/45$

asym_right_dd_correction_rms vs slug



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

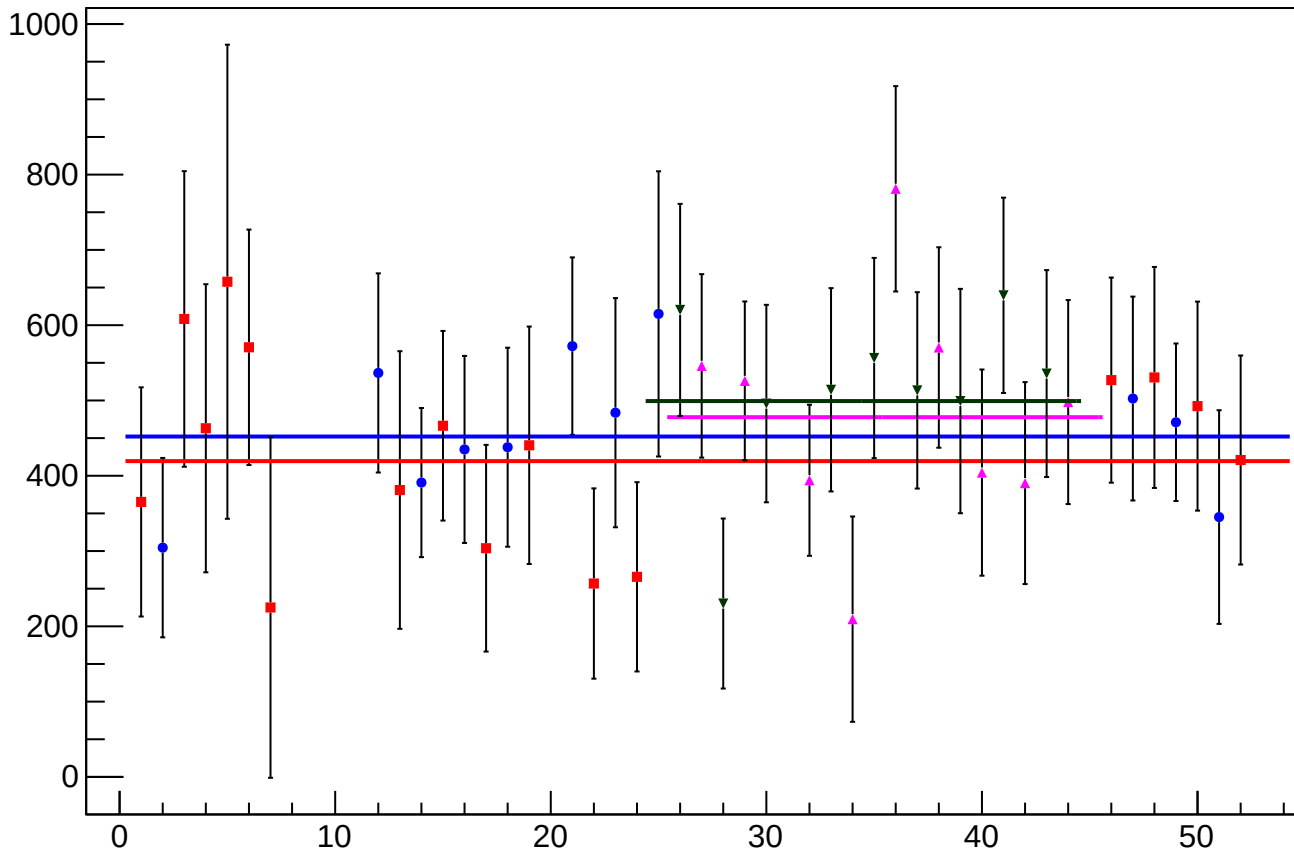
Left Out: 34.552+/-0.011 χ^2/NDF : 48582.2/8

Right Out: 25.406+/-0.007 χ^2/NDF : 1947101.0/16

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

26.720+/-0.004 χ^2/NDF : 5199811.8/45

reg_asym_us_avg_mean vs slug



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

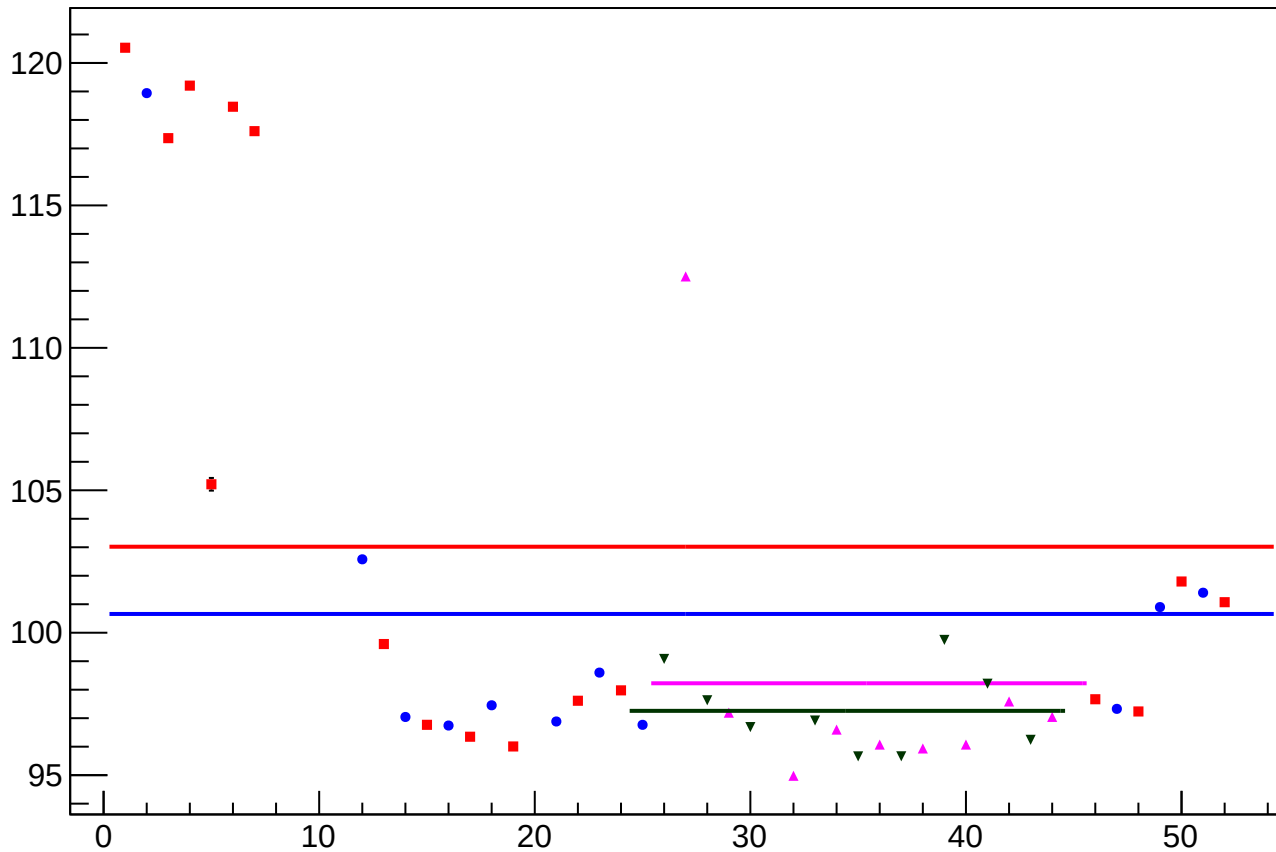
Left Out: 499.205 ± 44.079 $\chi^2/\text{NDF}: 7.9/8$

Right Out: 419.457 ± 38.274 $\chi^2/\text{NDF}: 8.9/15$

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

458.969 ± 20.116 $\chi^2/\text{NDF}: 35.1/44$

reg_asym_us_avg_rms vs slug



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

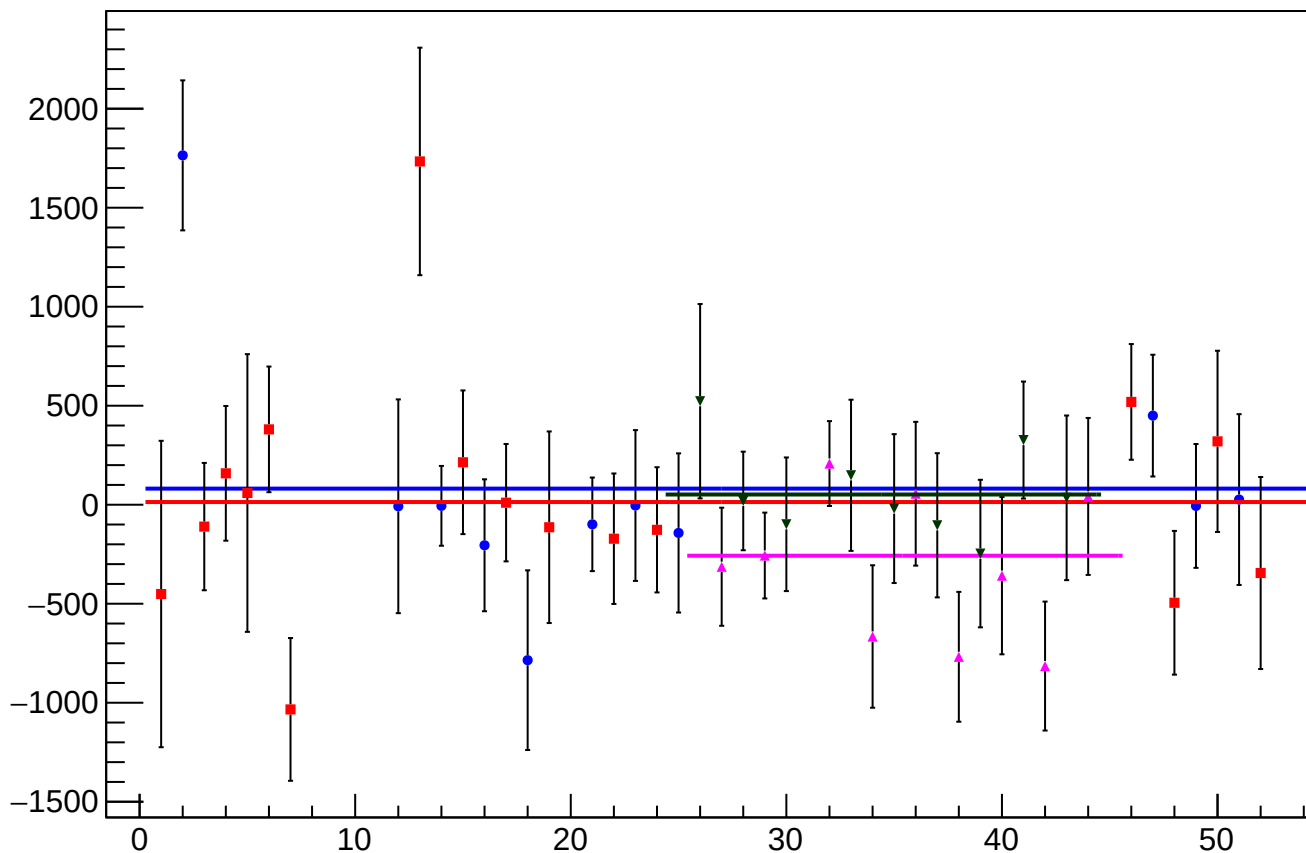
Left Out: 97.257+/-0.031 χ^2/NDF : 1771.7/8

100.028+/-0.014 χ^2/NDF : 223227.7/44

Right Out: 103.019+/-0.027 χ^2/NDF : 107307.0/15

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

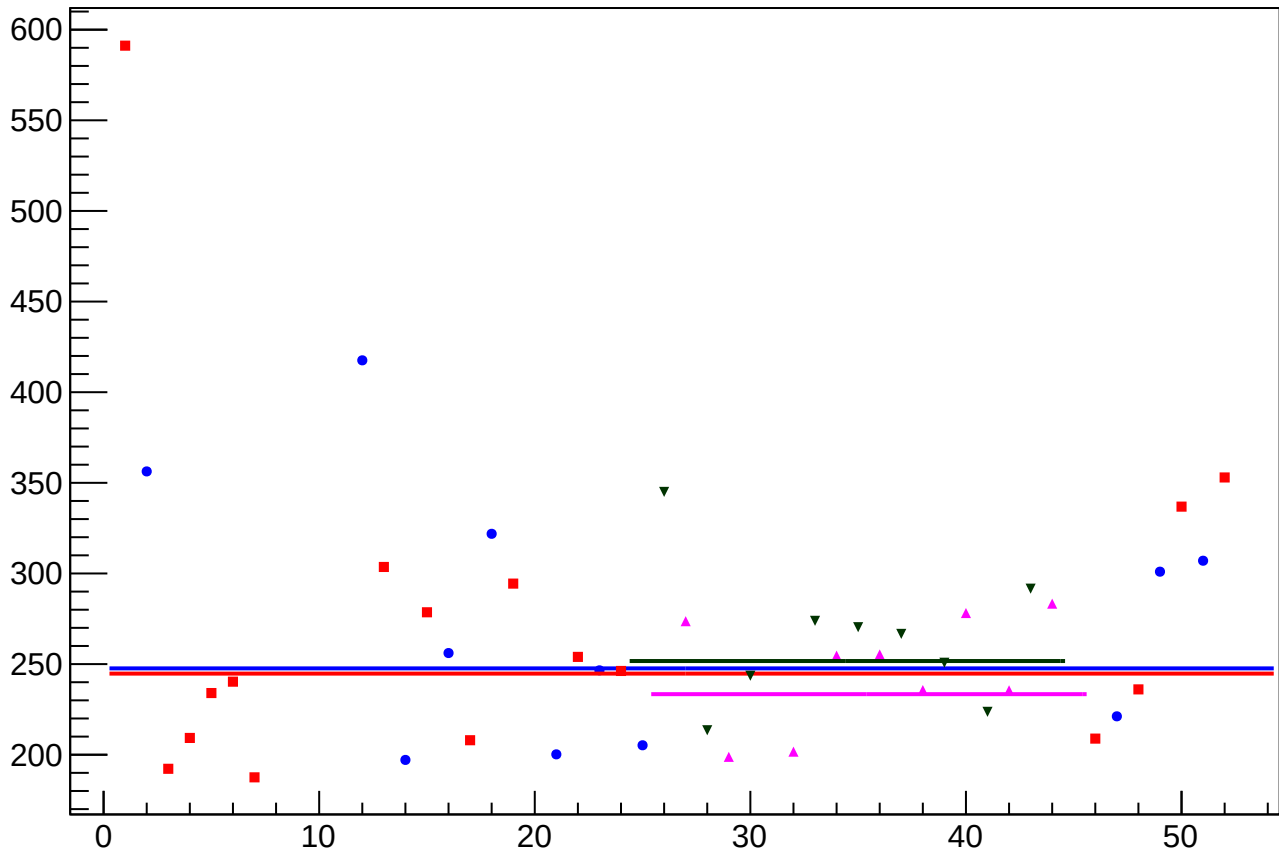
Left Out: 51.608+/-115.473 χ^2/NDF : 2.9/8

Right Out: 13.587+/-93.875 χ^2/NDF : 26.3/15

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

-30.275+/-50.277 χ^2/NDF : 76.0/44

asym_us_avg_correction_rms vs slug



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

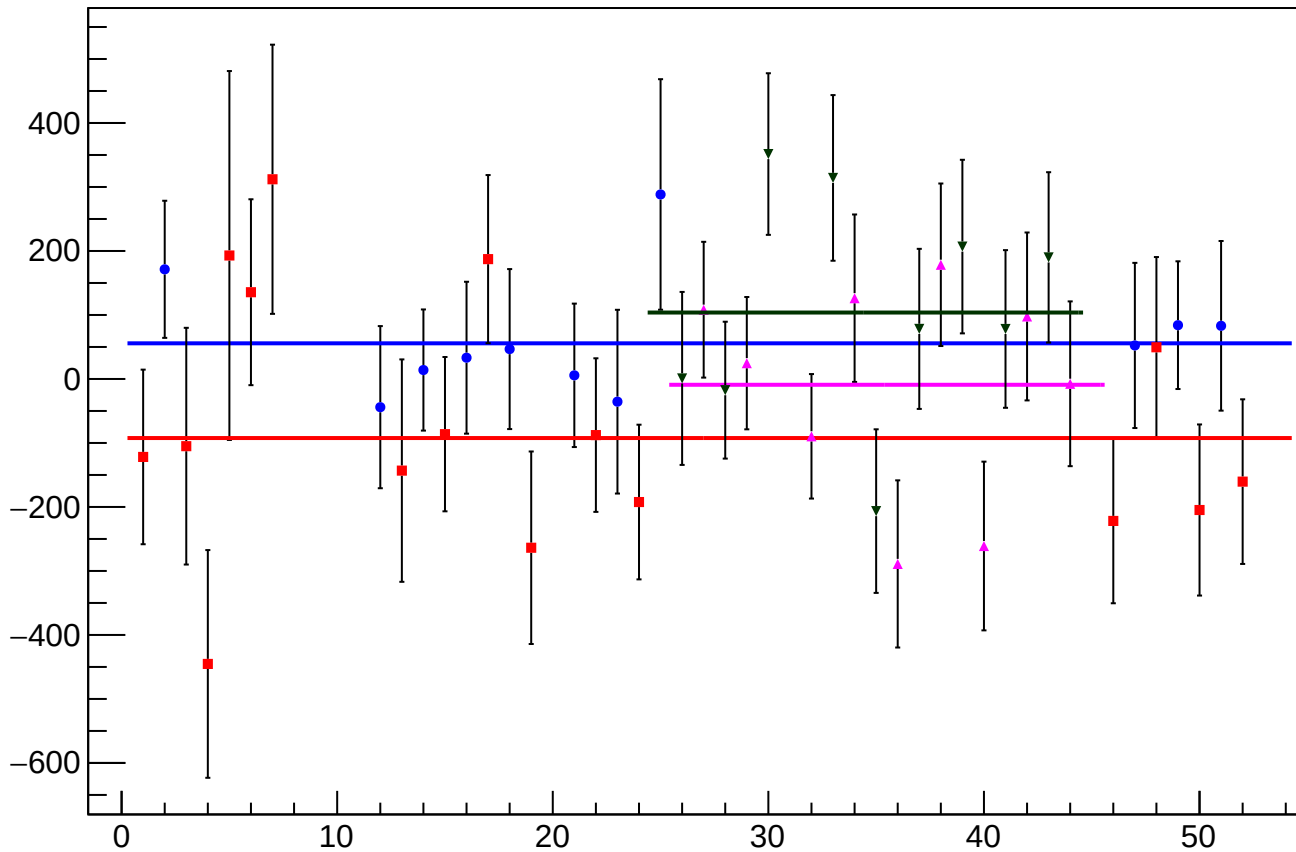
Left Out: 251.694+/-0.082 χ^2/NDF : 171994.2/8

243.947+/-0.036 χ^2/NDF : 1997240.6/44

Right Out: 244.756+/-0.066 χ^2/NDF : 830992.7/15

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

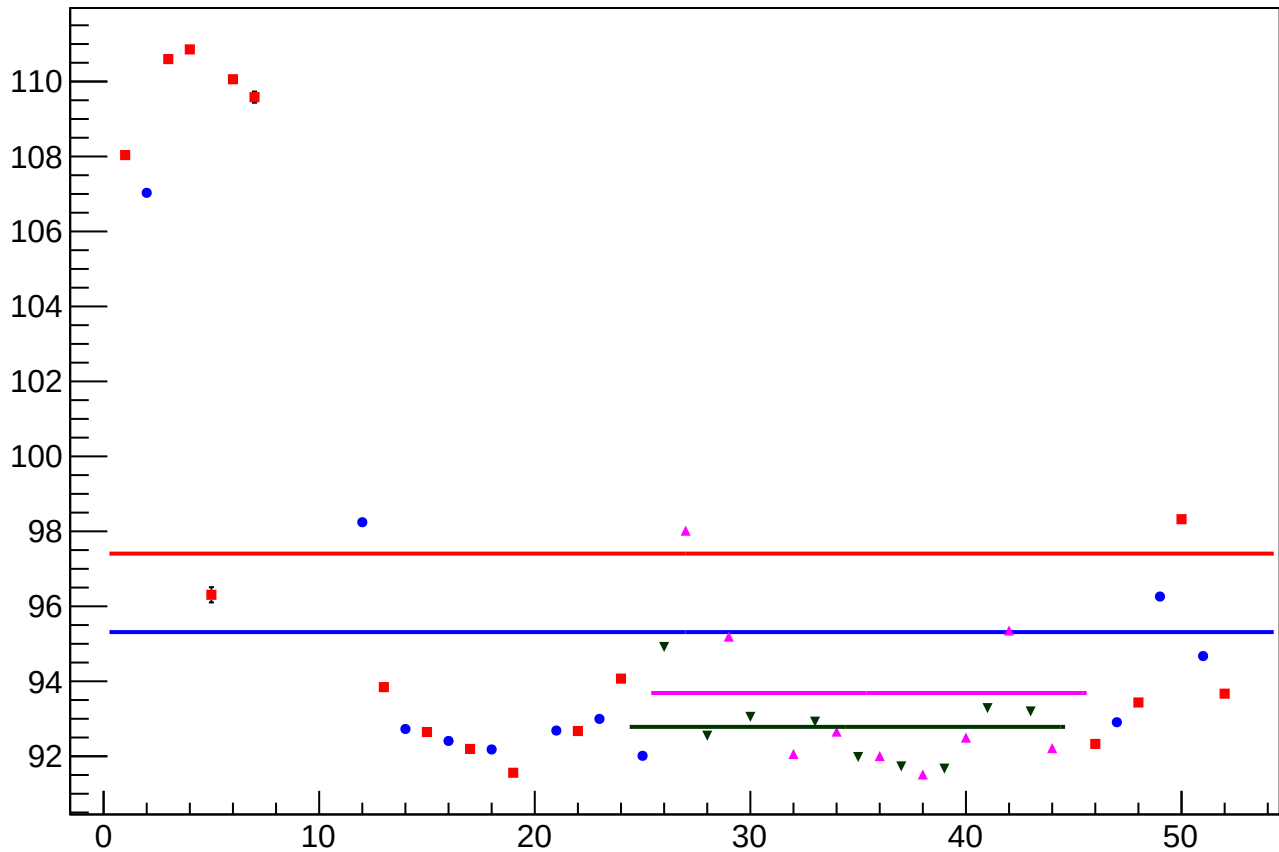
Left Out: 103.808 ± 42.016 χ^2/NDF : 15.3/8

9.209 ± 19.077 χ^2/NDF : 69.5/44

Right Out: -92.313 ± 36.138 χ^2/NDF : 20.7/15

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

reg_asym_us_dd_rms vs slug



Right In: 95.312 $\pm$ 0.025 χ^2/NDF : 32159.2/10

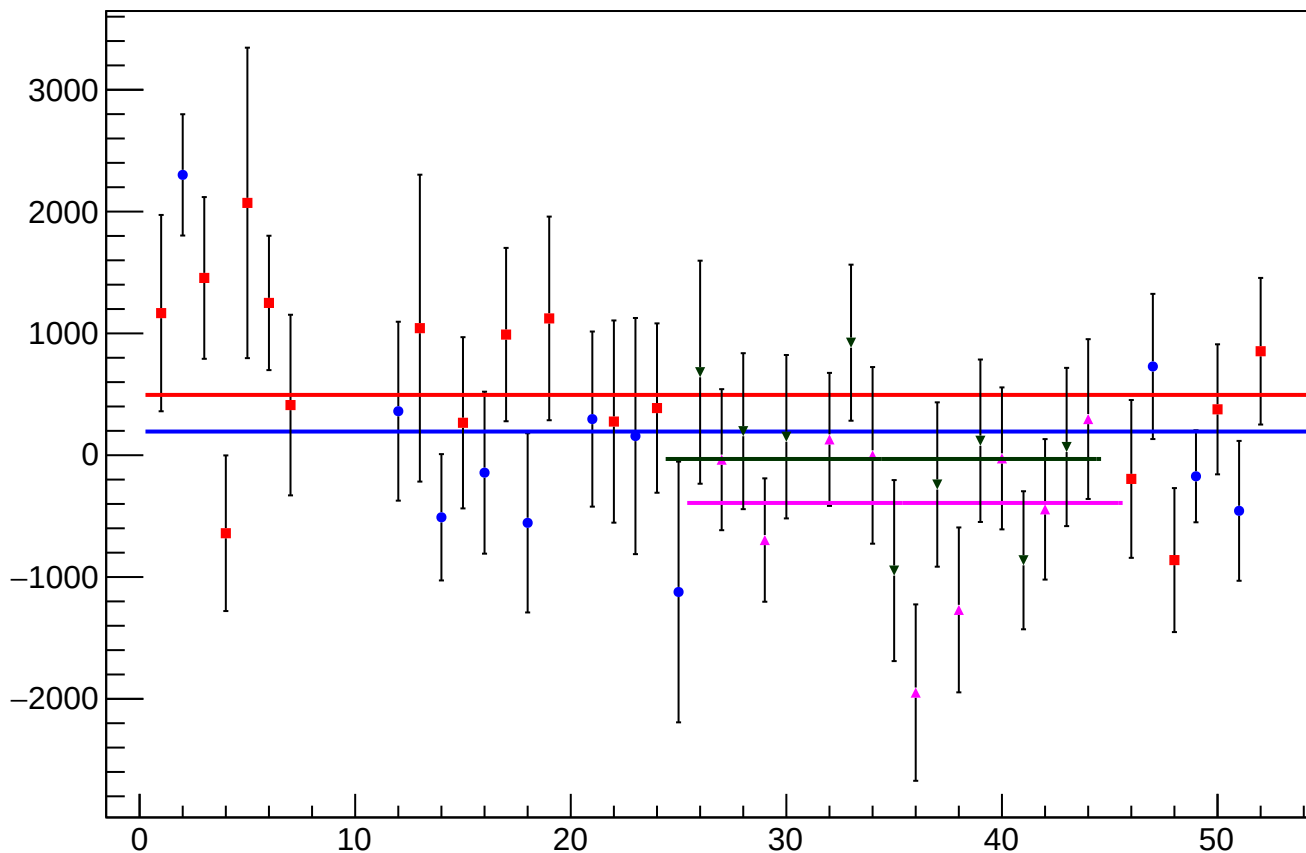
Left Out: 92.784 $\pm$ 0.030 χ^2/NDF : 926.8/8

Right Out: 97.406 $\pm$ 0.026 χ^2/NDF : 76913.1/15

Left In: 93.688 $\pm$ 0.028 χ^2/NDF : 6103.0/8

94.994 $\pm$ 0.013 χ^2/NDF : 132899.3/44

asym_us_dd_correction_mean vs slug



Right In: 194.386 ± 181.201 $\chi^2/\text{NDF}: 25.7/10$

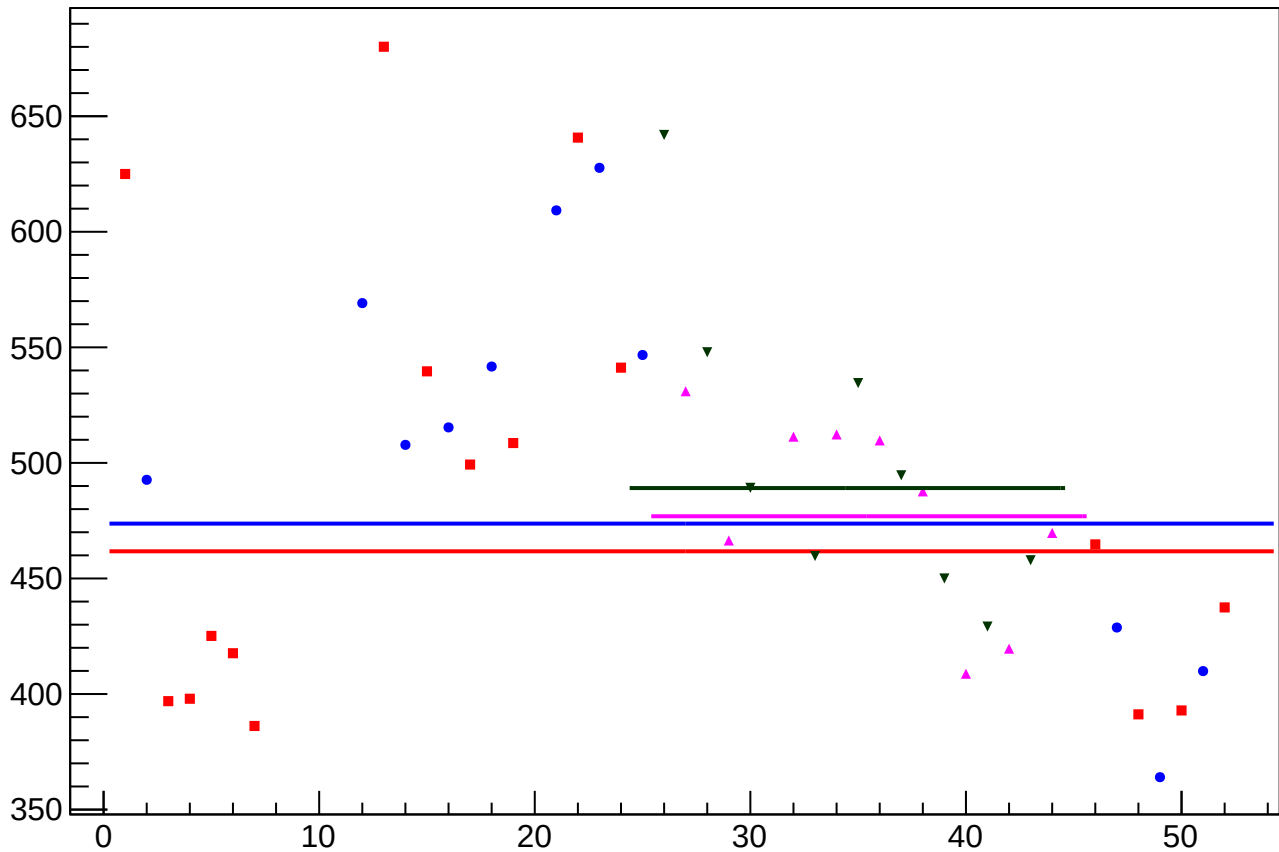
Left Out: -30.846 ± 223.404 $\chi^2/\text{NDF}: 6.9/8$

Right Out: 495.097 ± 173.868 $\chi^2/\text{NDF}: 17.6/15$

Left In: -391.795 ± 202.006 $\chi^2/\text{NDF}: 9.8/8$

111.758 ± 96.190 $\chi^2/\text{NDF}: 71.6/44$

asym_us_dd_correction_rms vs slug



Right In: 473.733 $\pm$ 0.128 χ^2 /NDF: 406012.5/10

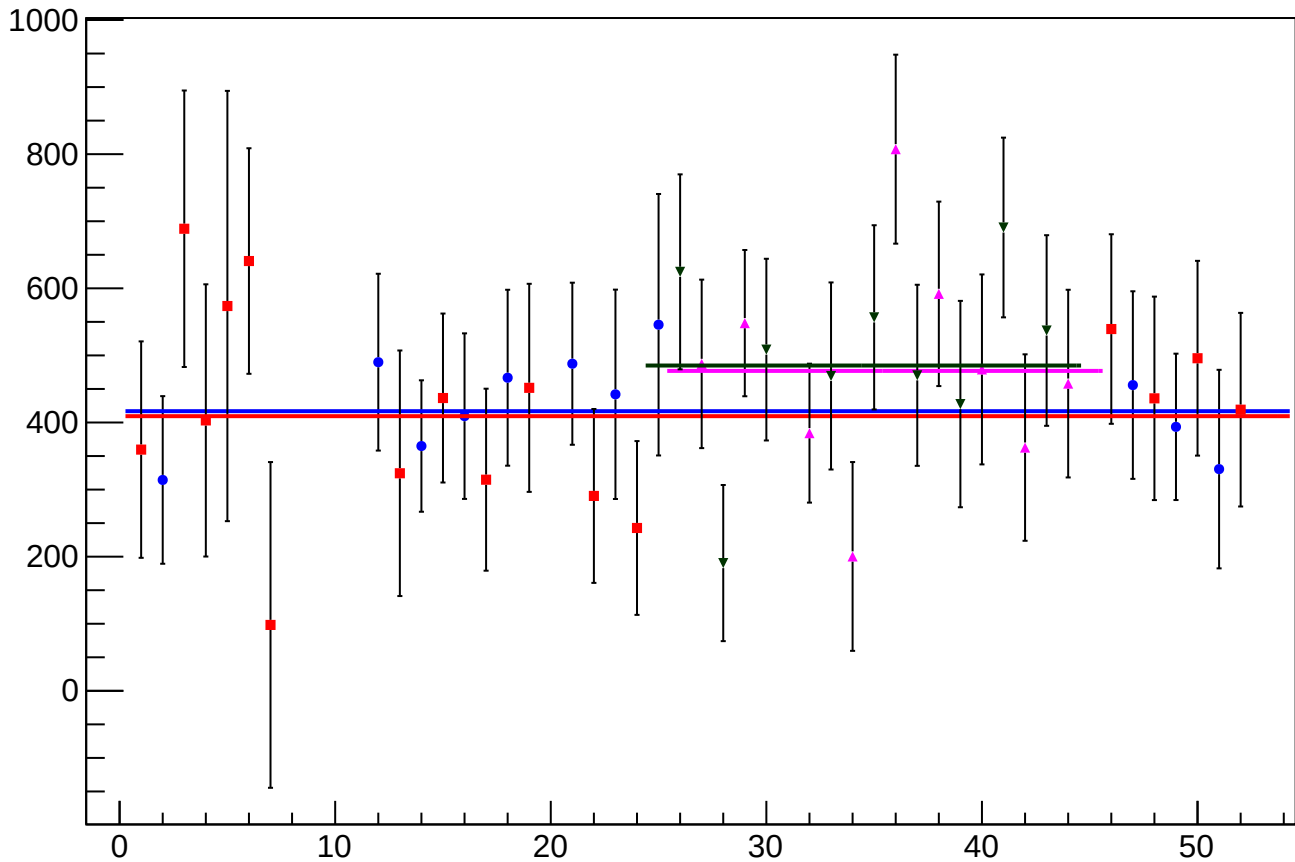
Left Out: 489.117 $\pm$ 0.158 χ^2 /NDF:118259.2/8

Right Out: 461.755 $\pm$ 0.123 χ^2 /NDF: 437012.4/15

Left In: 476.913 $\pm$ 0.143 χ^2 /NDF:82979.4/8

473.640 $\pm$ 0.068 χ^2 /NDF: 1063734.0/44

reg_asym_ds_avg_mean vs slug



Right In: 416.874 ± 38.737 $\chi^2/\text{NDF}: 2.7/10$

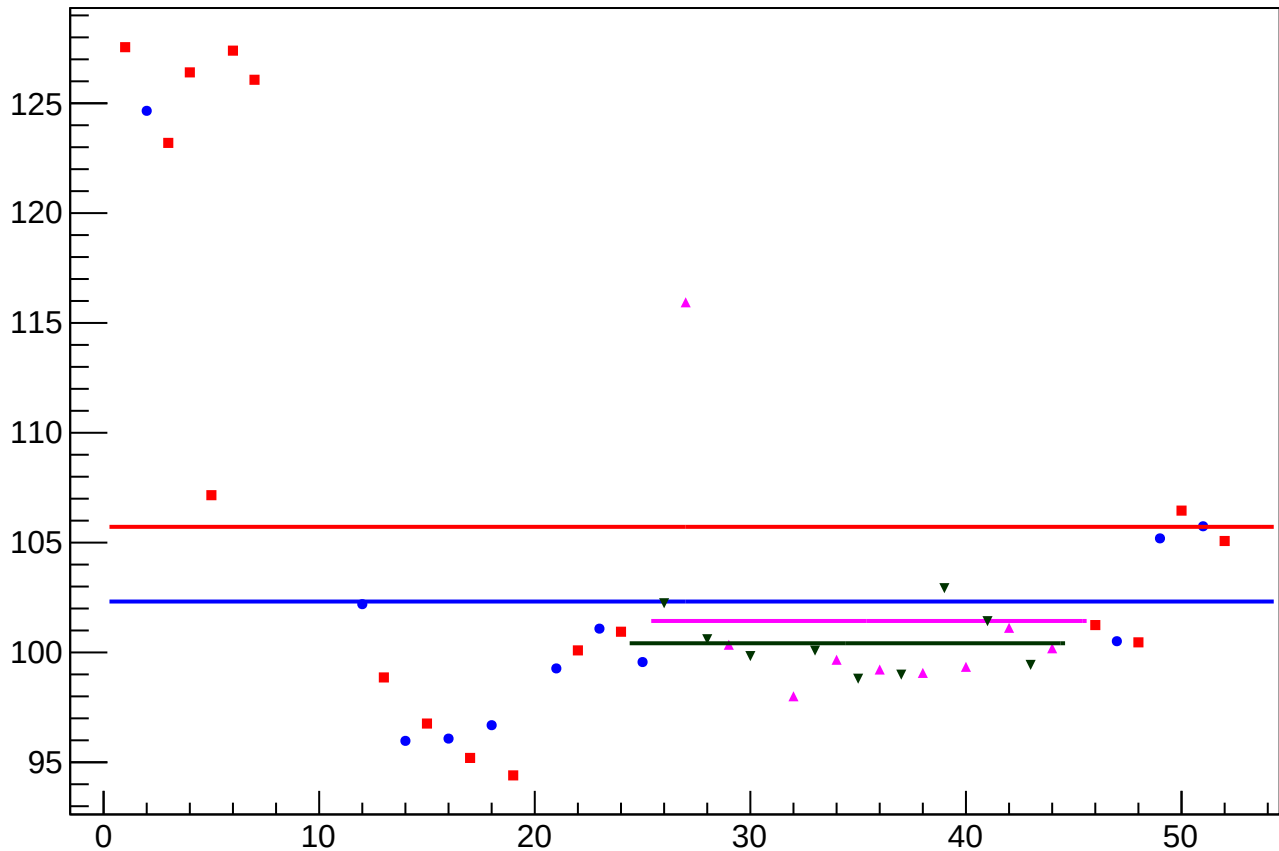
Left Out: 484.931 ± 45.520 $\chi^2/\text{NDF}: 10.3/8$

Right Out: 409.431 ± 39.365 $\chi^2/\text{NDF}: 10.3/15$

Left In: 476.911 ± 42.742 $\chi^2/\text{NDF}: 12.0/8$

442.882 ± 20.665 $\chi^2/\text{NDF}: 37.9/44$

reg_asym_ds_avg_rms vs slug



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

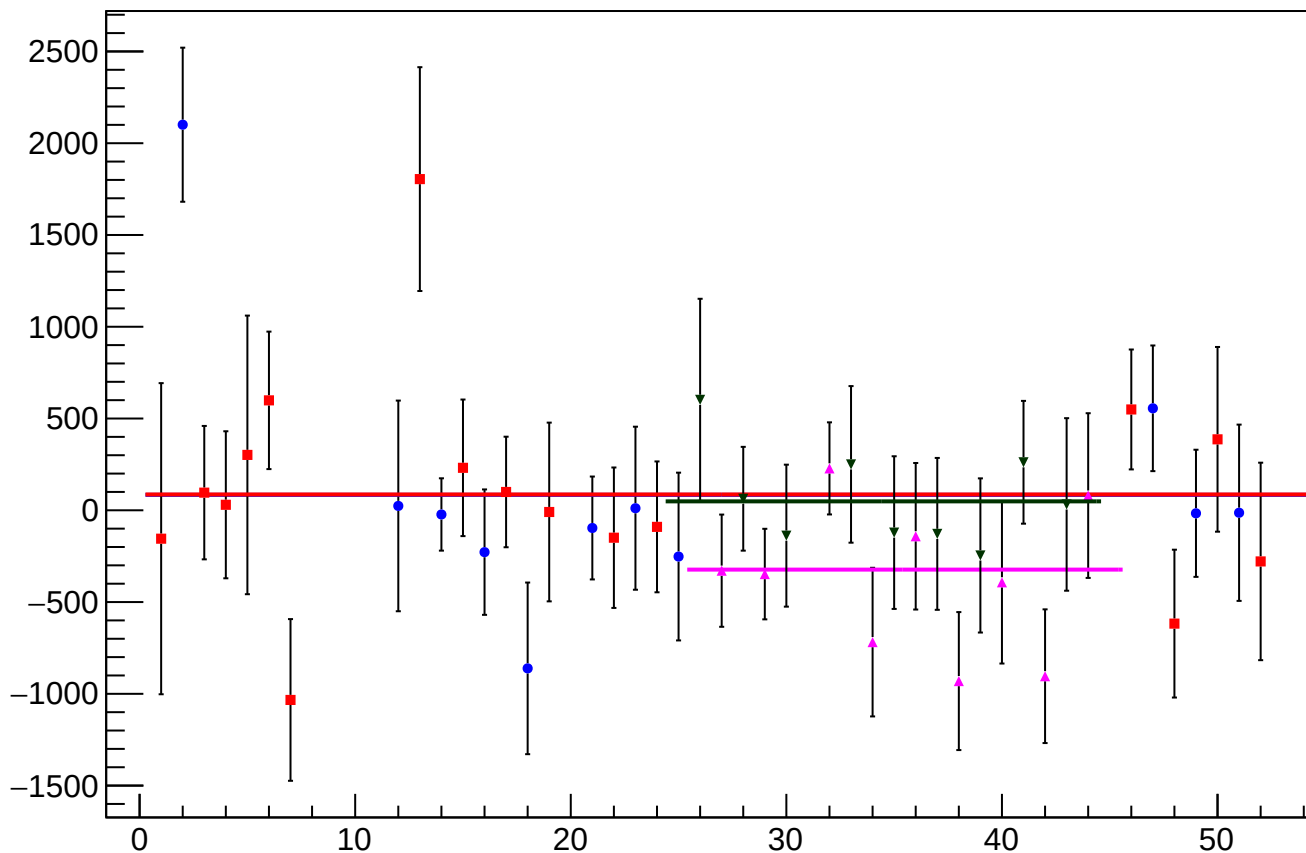
Left Out: 100.418+/-0.032 χ^2/NDF : 1608.4/8

102.656+/-0.015 χ^2/NDF : 302881.9/44

Right Out: 105.718+/-0.028 χ^2/NDF : 165749.4/15

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

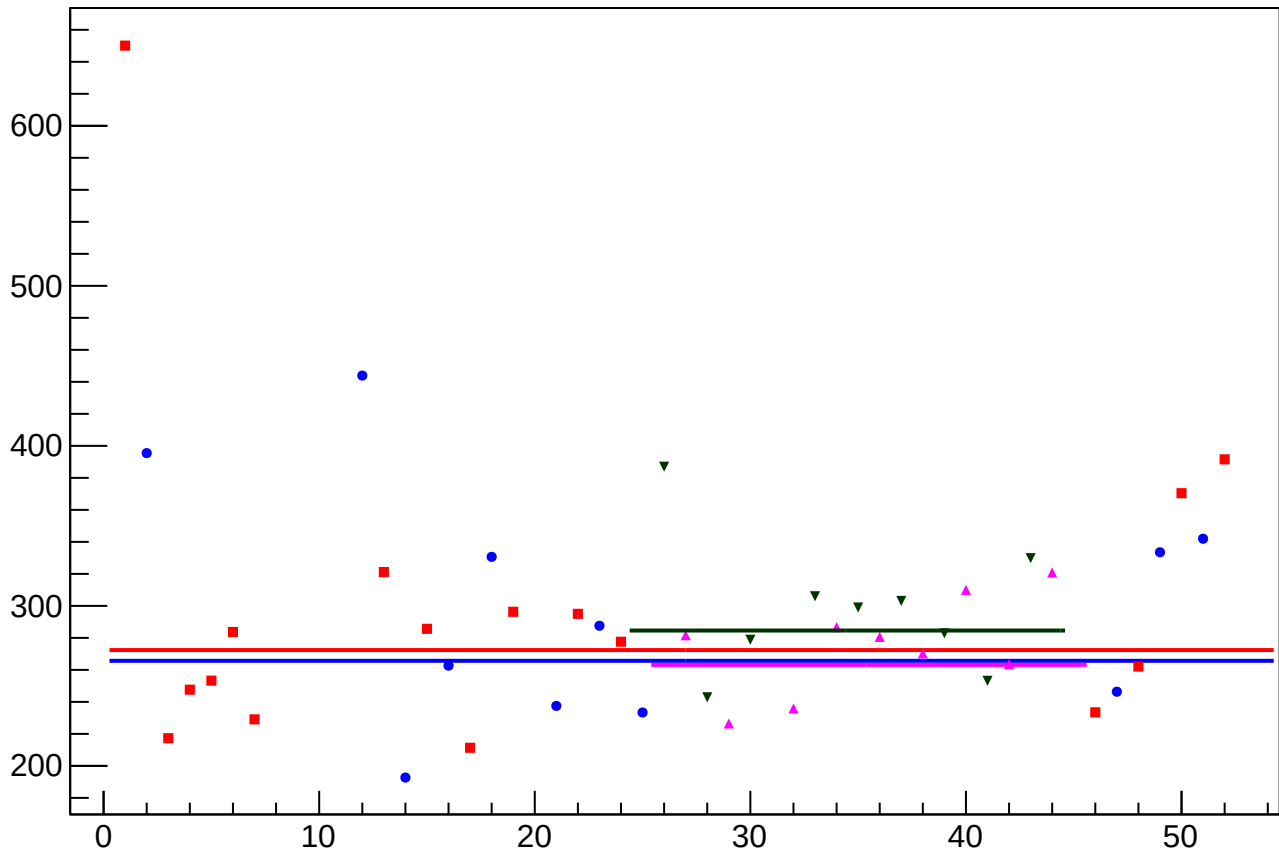
Left Out: 48.612+/-130.479 χ^2/NDF : 2.7/8

Right Out: 86.163+/-104.251 χ^2/NDF : 23.2/15

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

-23.006+/-55.709 χ^2/NDF : 78.8/44

asym_ds_avg_correction_rms vs slug



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

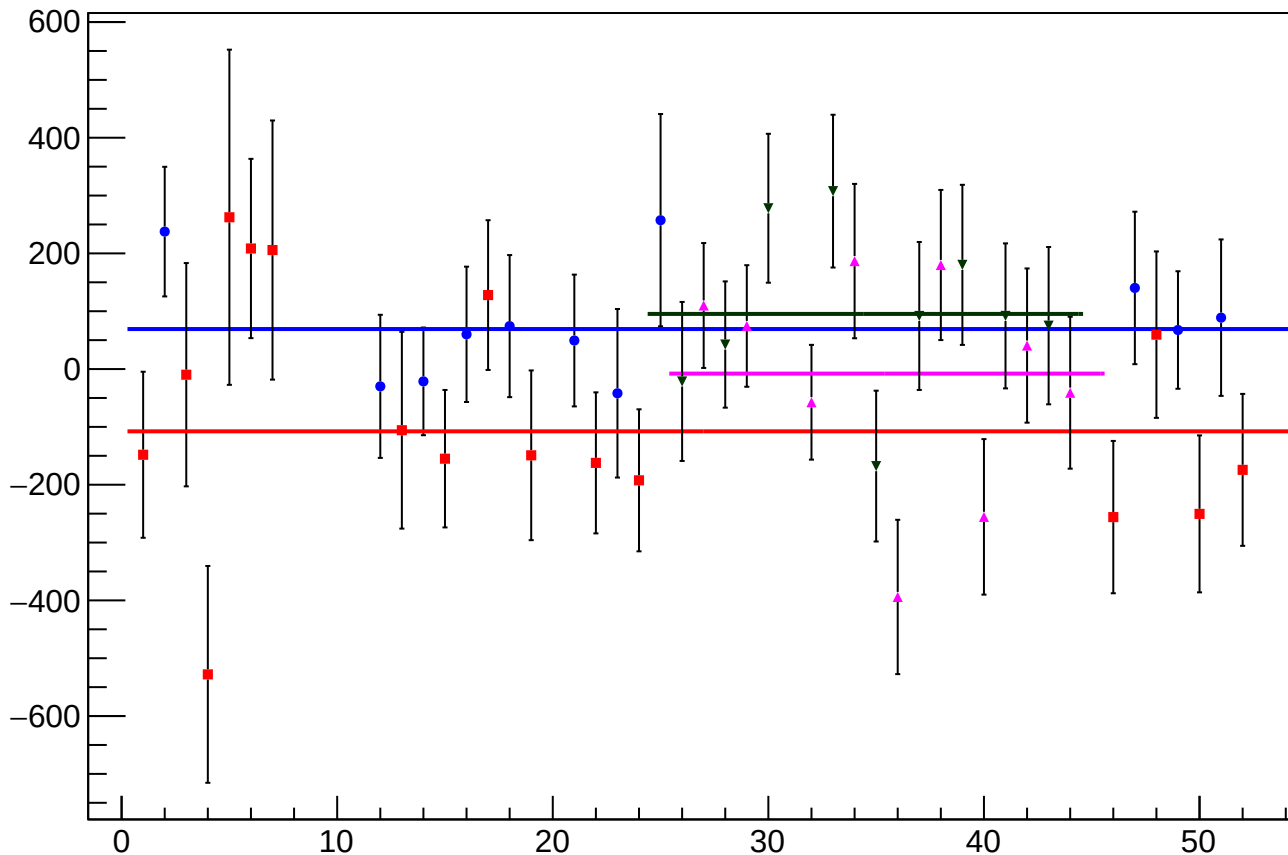
Left Out: 284.597+/-0.092 χ^2/NDF :160790.3/8

270.398+/-0.039 χ^2/NDF : 1991968.5/44

Right Out: 272.383+/-0.074 χ^2/NDF : 786712.2/15

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

reg_asym_ds_dd_mean vs slug



Right In: 69.189 ± 36.213 χ^2/NDF : 5.8/10

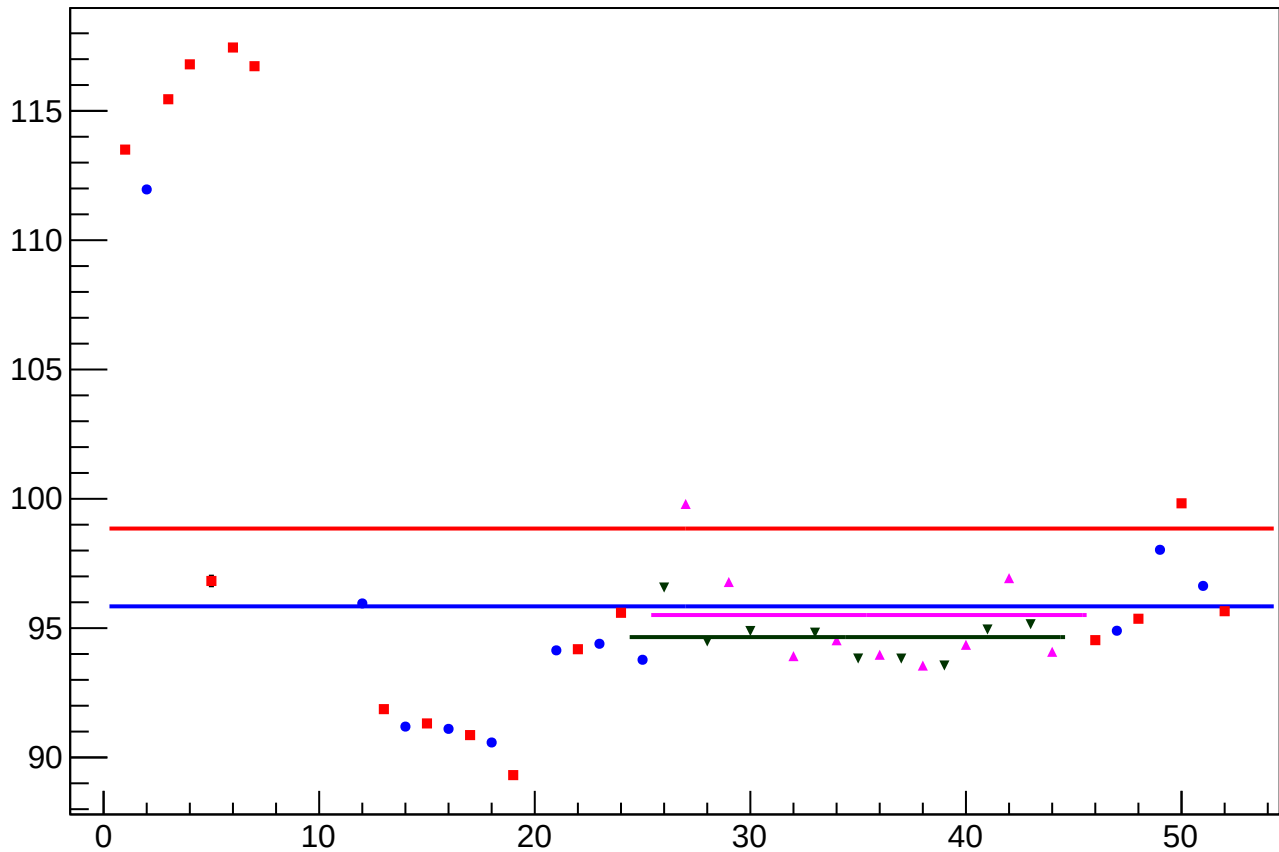
Left Out: 95.335 ± 42.864 χ^2/NDF : 10.0/8

Right Out: -107.694 ± 36.748 χ^2/NDF : 21.3/15

Left In: -7.854 ± 40.192 χ^2/NDF : 18.2/8

7.515 ± 19.366 χ^2/NDF : 72.5/44

reg_asym_ds_dd_rms vs slug



Right In: 95.842 ± 0.026 $\chi^2/\text{NDF}: 55322.0/10$

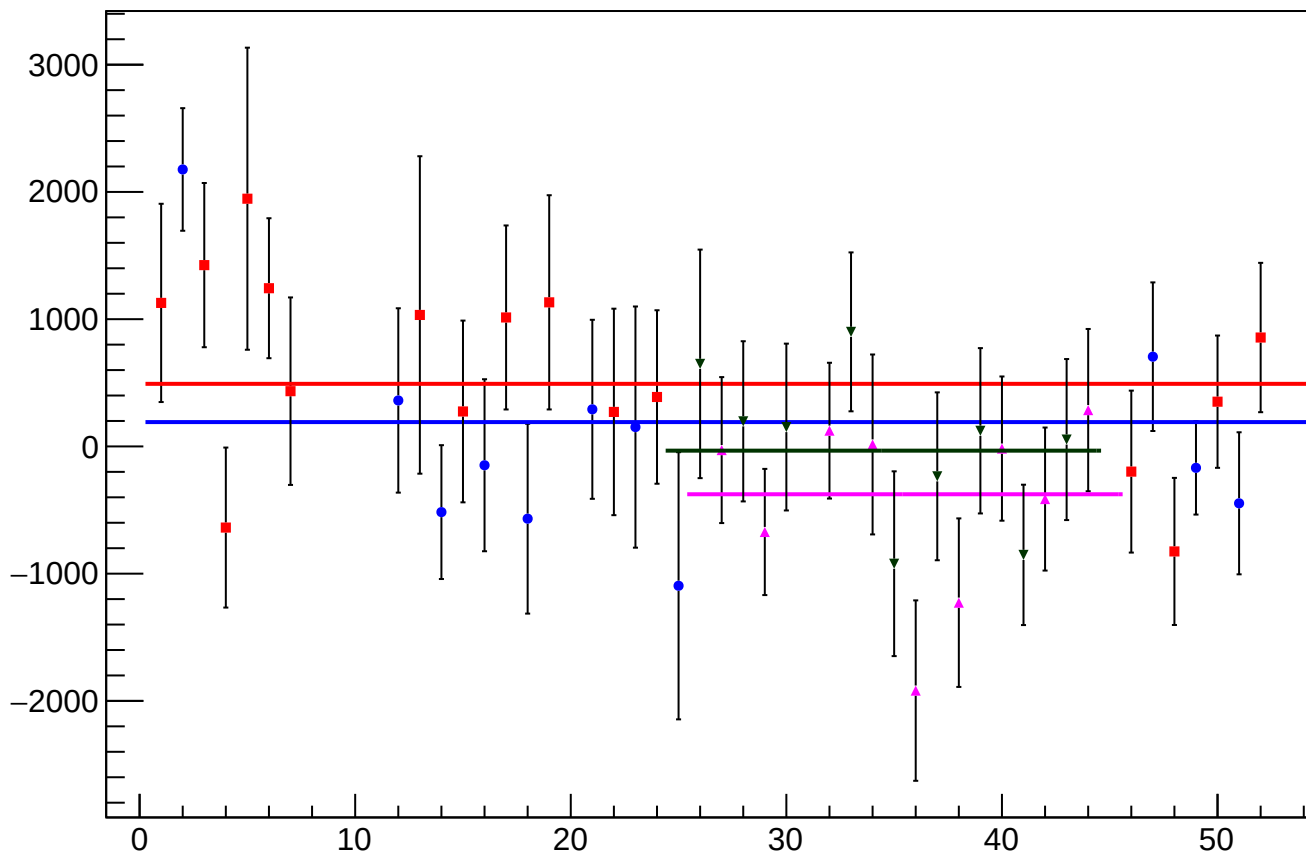
Left Out: 94.654 ± 0.030 $\chi^2/\text{NDF}: 732.0/8$

Right Out: 98.851 ± 0.026 $\chi^2/\text{NDF}: 132001.3/15$

Left In: 95.506 ± 0.028 $\chi^2/\text{NDF}: 5406.5/8$

96.357 ± 0.014 $\chi^2/\text{NDF}: 207131.1/44$

asym_ds_dd_correction_mean vs slug



Right In: 191.247 ± 178.427 $\chi^2/\text{NDF}: 24.7/10$

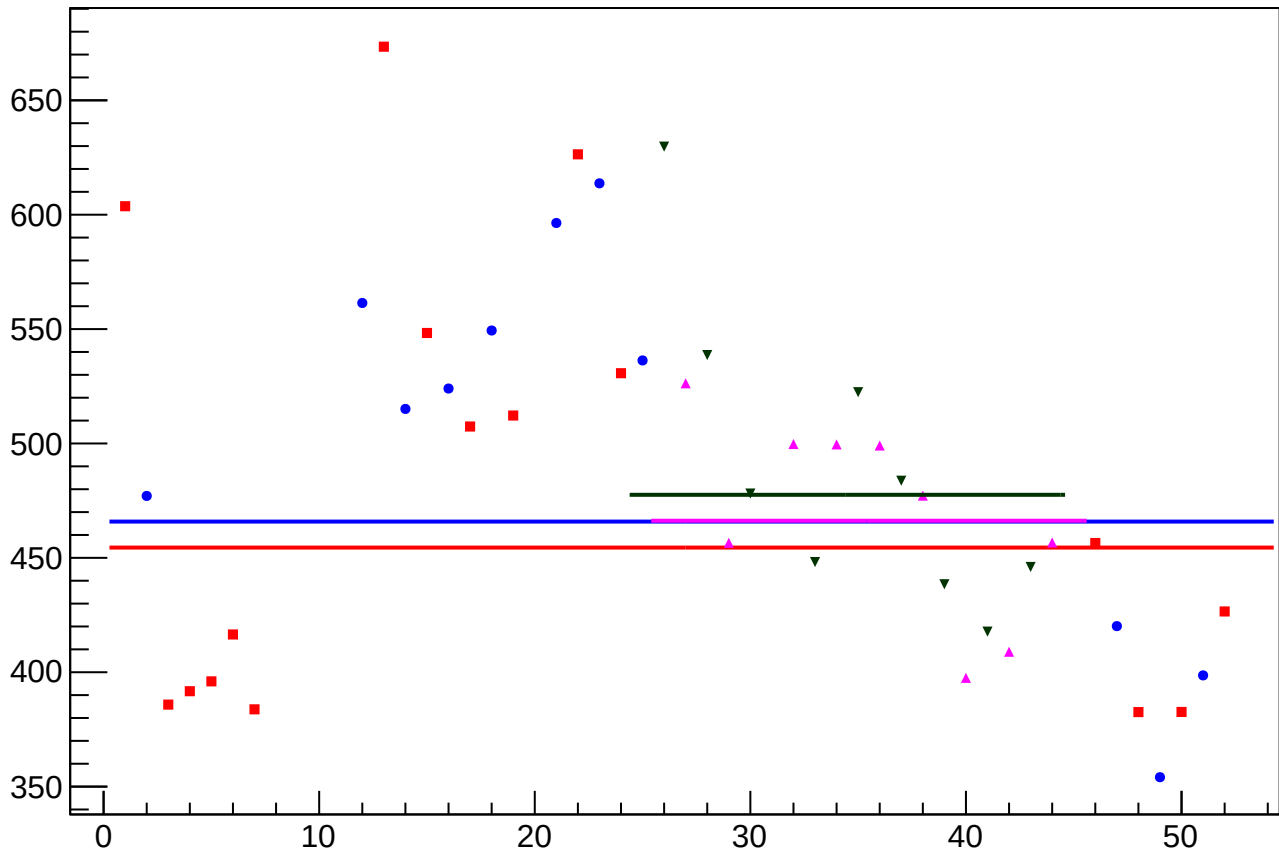
Left Out: -33.276 ± 218.199 $\chi^2/\text{NDF}: 6.9/8$

Right Out: 491.807 ± 171.248 $\chi^2/\text{NDF}: 17.7/15$

Left In: -375.947 ± 197.534 $\chi^2/\text{NDF}: 9.8/8$

110.965 ± 94.431 $\chi^2/\text{NDF}: 70.7/44$

asym_ds_dd_correction_rms vs slug



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

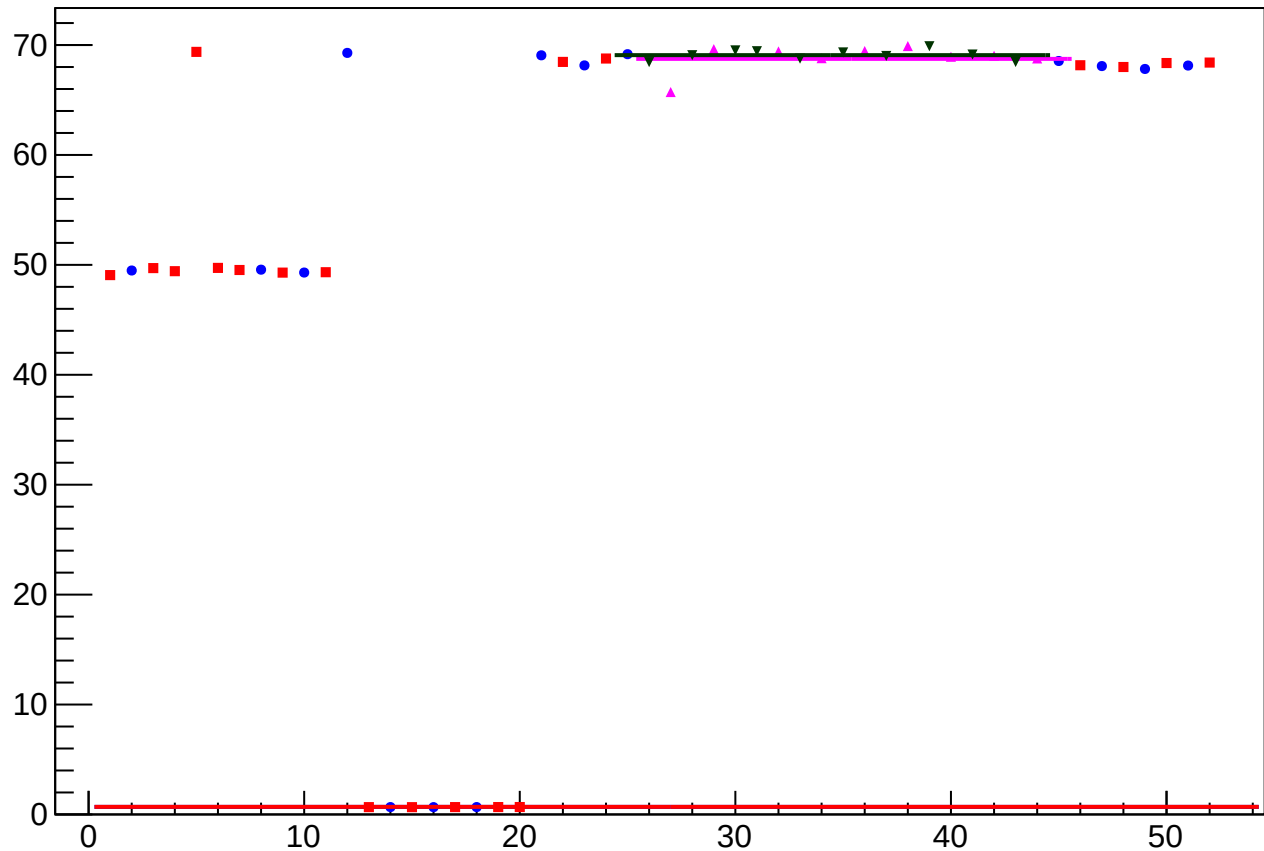
Left Out: 477.560 $\pm$ 0.154 χ^2/NDF : 124255.1/8

Right Out: 454.492 $\pm$ 0.121 χ^2/NDF : 453486.9/15

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

464.677 $\pm$ 0.067 χ^2/NDF : 1128698.4/44

yield_bcm_an_ds_mean vs slug



Right In: 0.687 $\pm$ 0.000 χ^2 /NDF: 859796200085.2/13

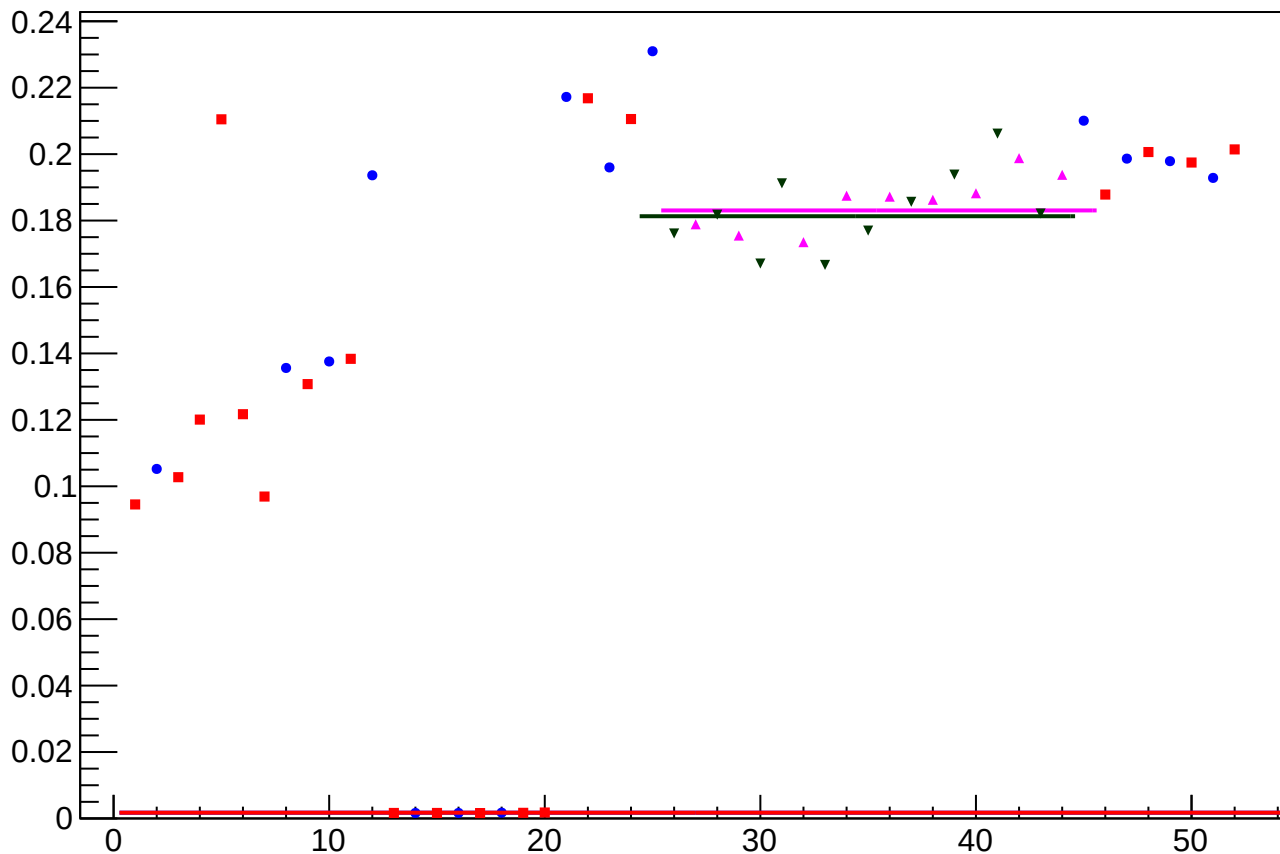
Left Out: 69.080 $\pm$ 0.000 χ^2 /NDF: 27261217.3/9

0.704 $\pm$ 0.000 χ^2 /NDF: 3263021795772.7/51

Right Out: 0.692 $\pm$ 0.000 χ^2 /NDF: 937926014454.7/18

Left In: 68.740 $\pm$ 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

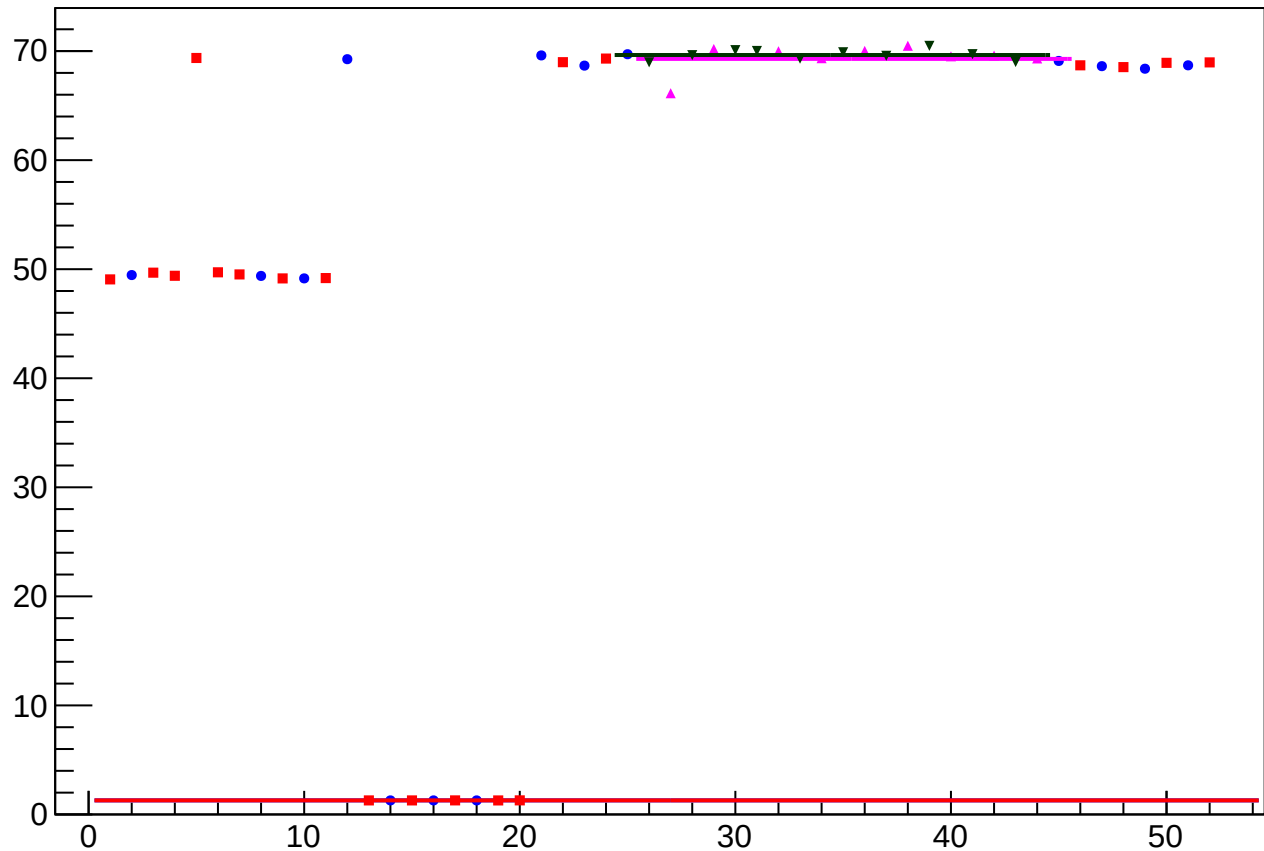
Left Out: 0.181+/-0.000 χ^2/NDF : 38932.5/9

0.002+/-0.000 χ^2/NDF : 46419124.4/51

Right Out: 0.002+/-0.000 χ^2/NDF : 12681425.8/18

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

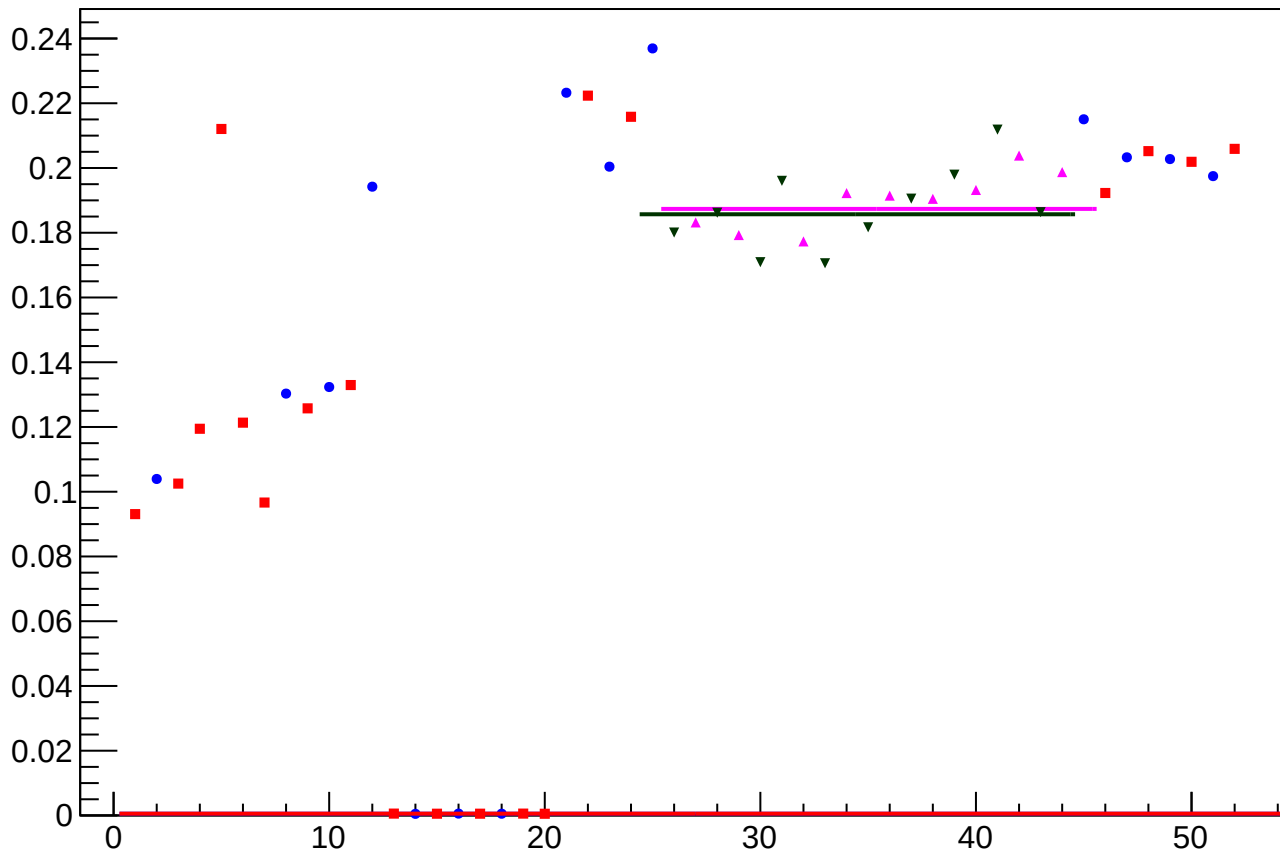
Left Out: 69.640+/-0.000 χ^2/NDF : 28182710.7/9

Right Out: 1.291+/-0.000 χ^2/NDF : 925045512574.9/18

1.293+/-0.000 χ^2/NDF : 3166875205574.2/51

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

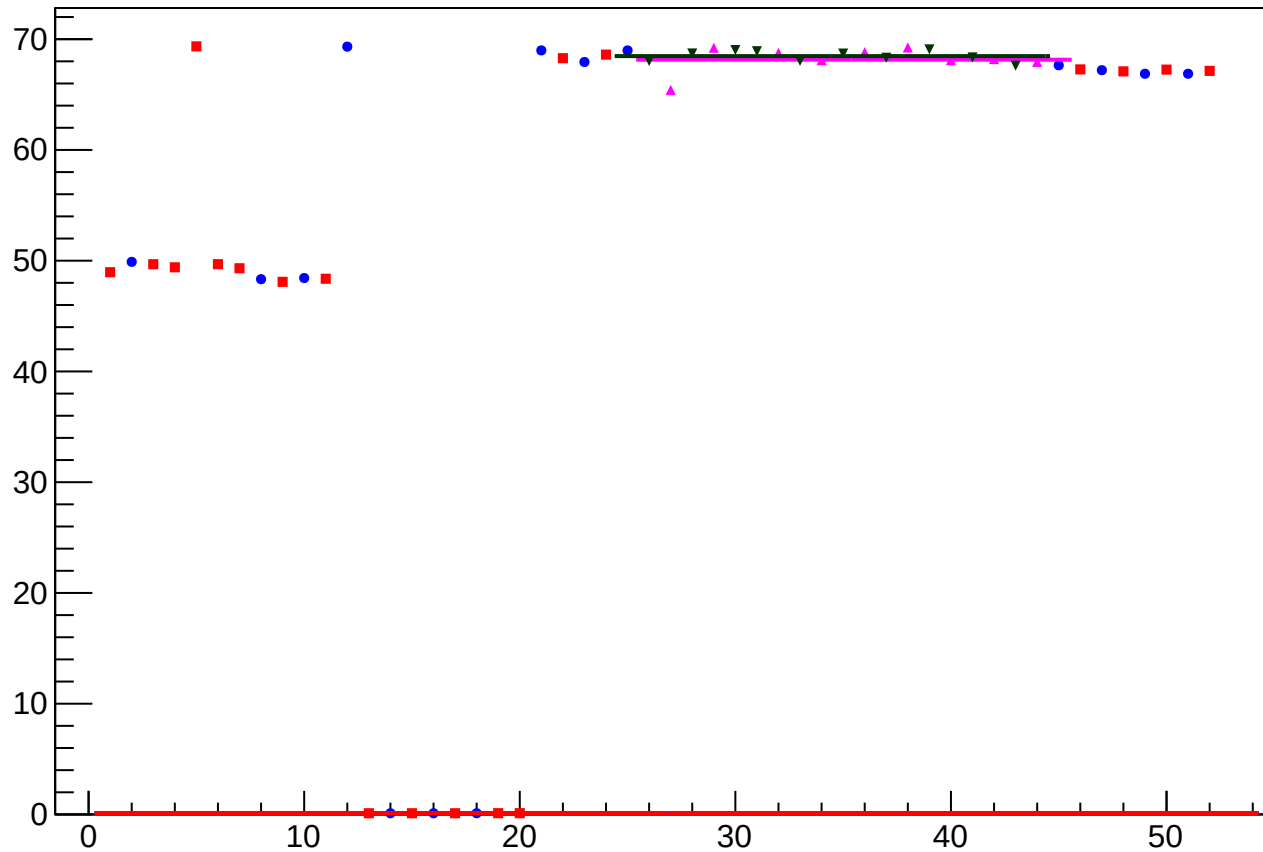
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.6/9

0.001+/-0.000 χ^2/NDF : 47101890.0/51

Right Out: 0.001+/-0.000 χ^2/NDF : 12878253.4/18

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

yield_bcm_an_us_mean vs slug



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

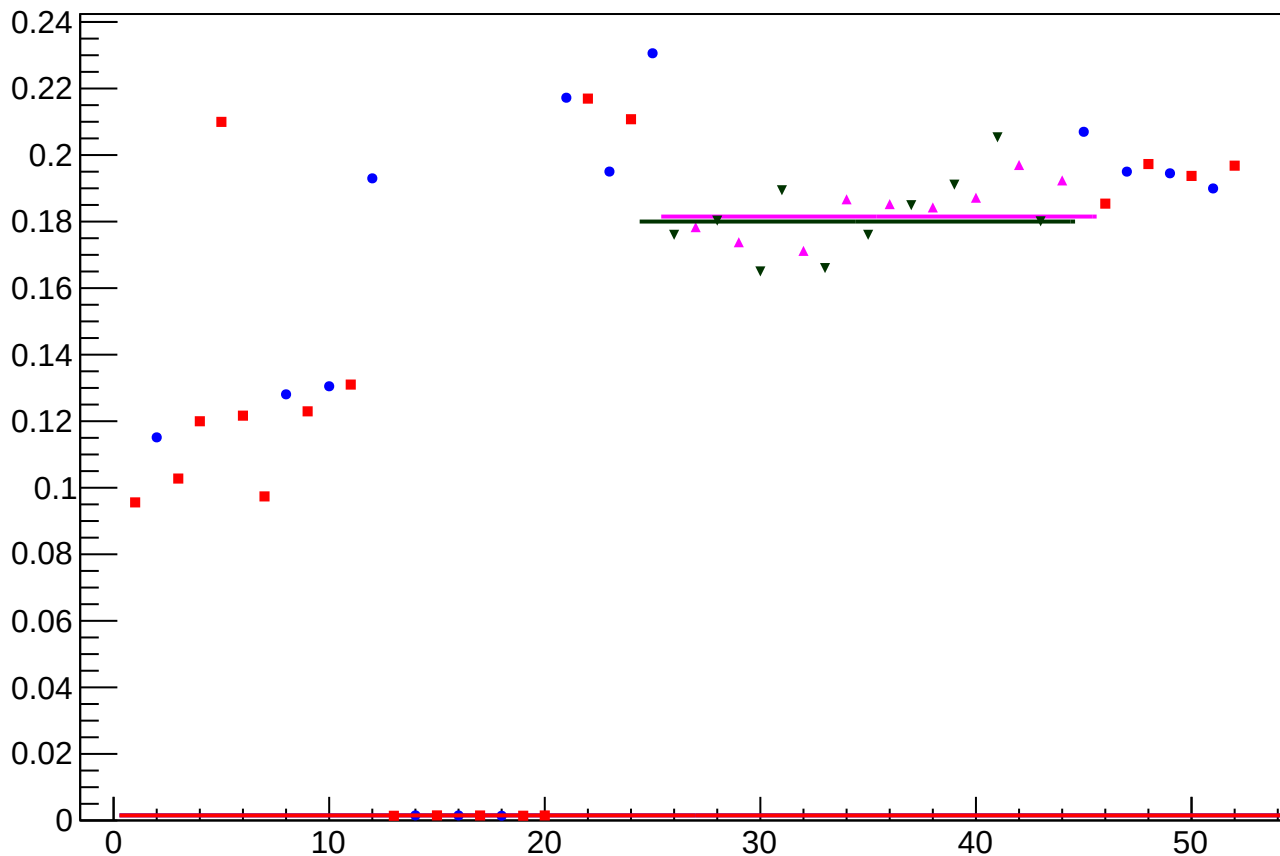
Left Out: 68.471+/-0.000 χ^2/NDF : 31933437.0/9

Right Out: 0.129+/-0.000 χ^2/NDF : 966847774888.5/18

0.139+/-0.000 χ^2/NDF : 3315510271633.0/51

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

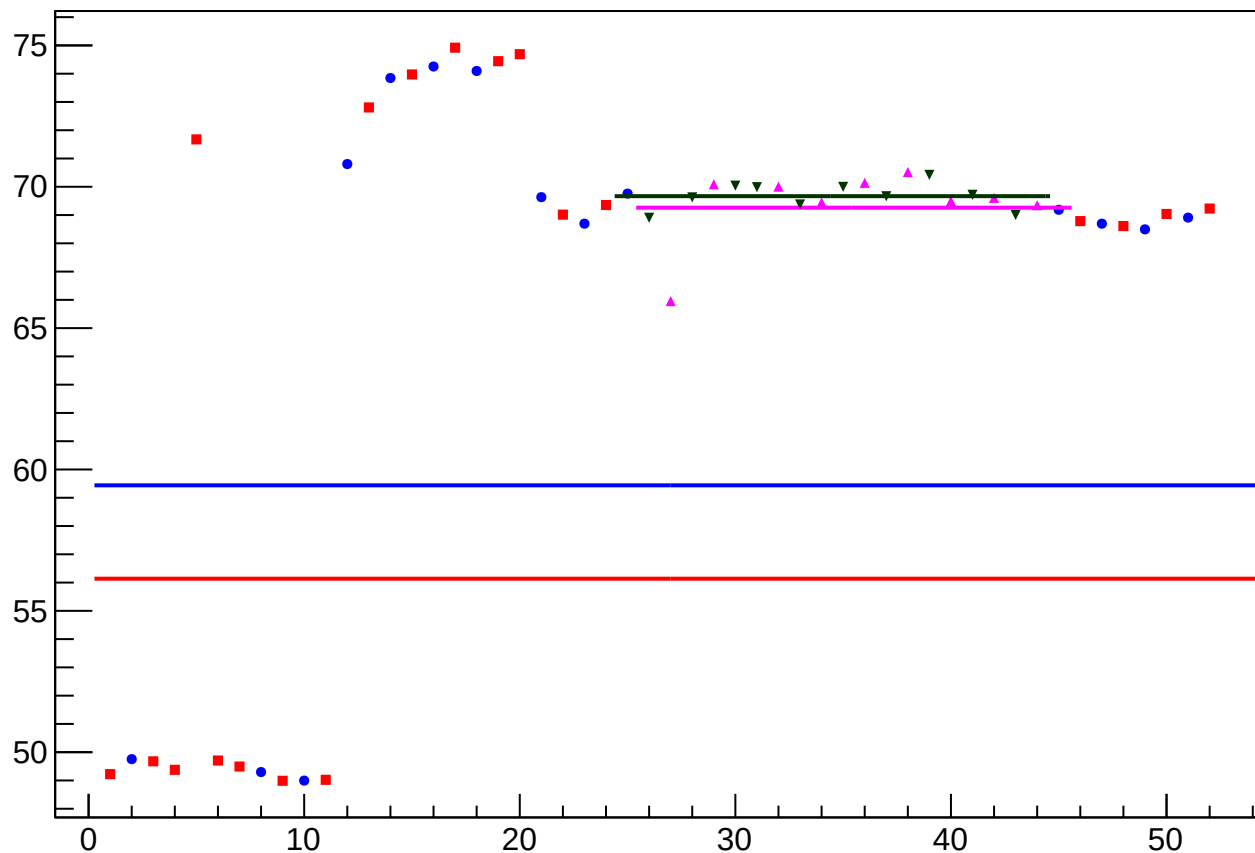
Left Out: 0.180+/-0.000 χ^2/NDF : 38902.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 12711698.7/18

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

0.002+/-0.000 χ^2/NDF : 46481943.3/51

yield_bcm_dg_us_mean vs slug



Right In: 59.440+/-0.000 χ^2 /NDF: 33788810036.9/13

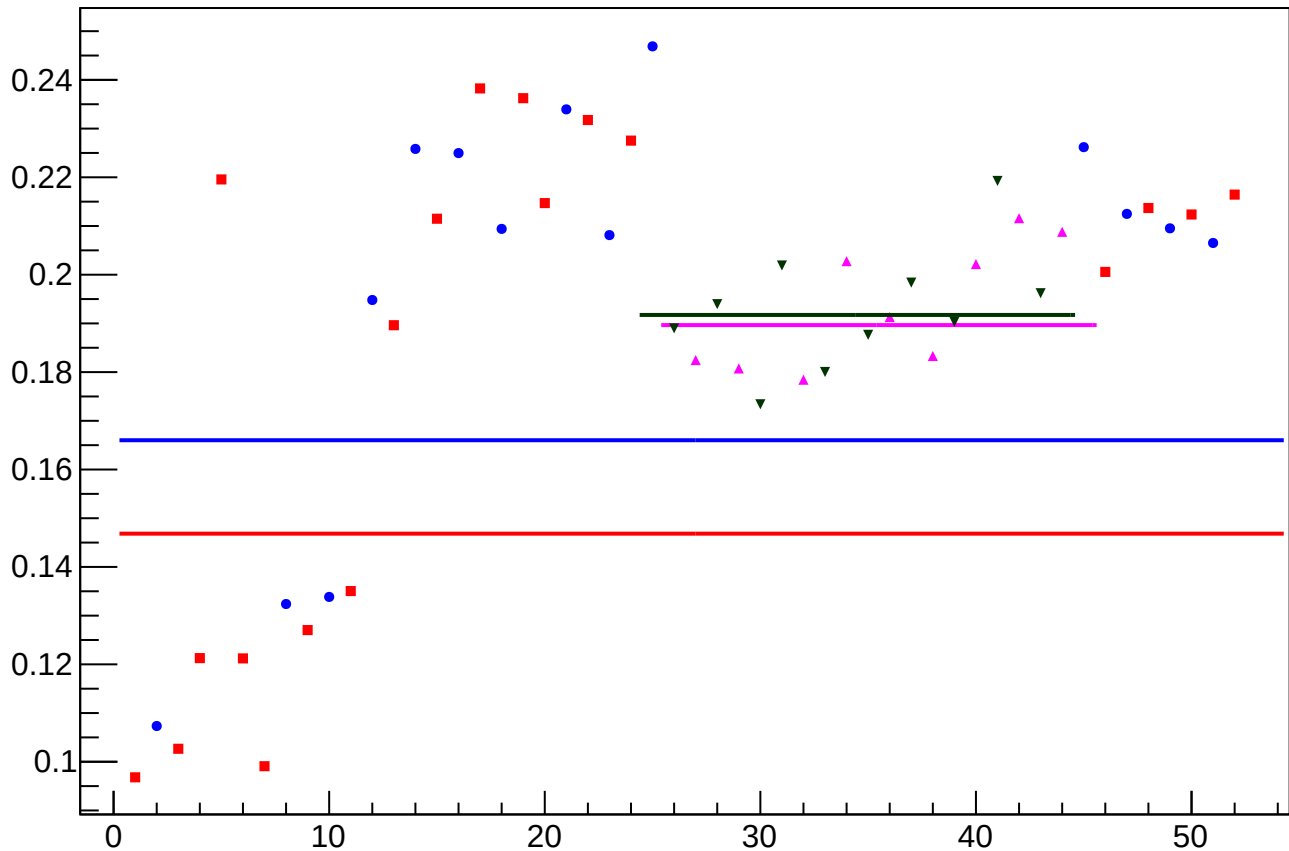
Left Out: 69.668+/-0.000 χ^2 /NDF: 26498235.4/9

Right Out: 56.137+/-0.000 χ^2 /NDF: 37006328338.1/18

Left In: 69.261+/-0.000 χ^2 /NDF: 334102437.8/8

61.255+/-0.000 χ^2 /NDF: 100765615232.8/51

yield_bcm_dg_us_rms vs slug



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

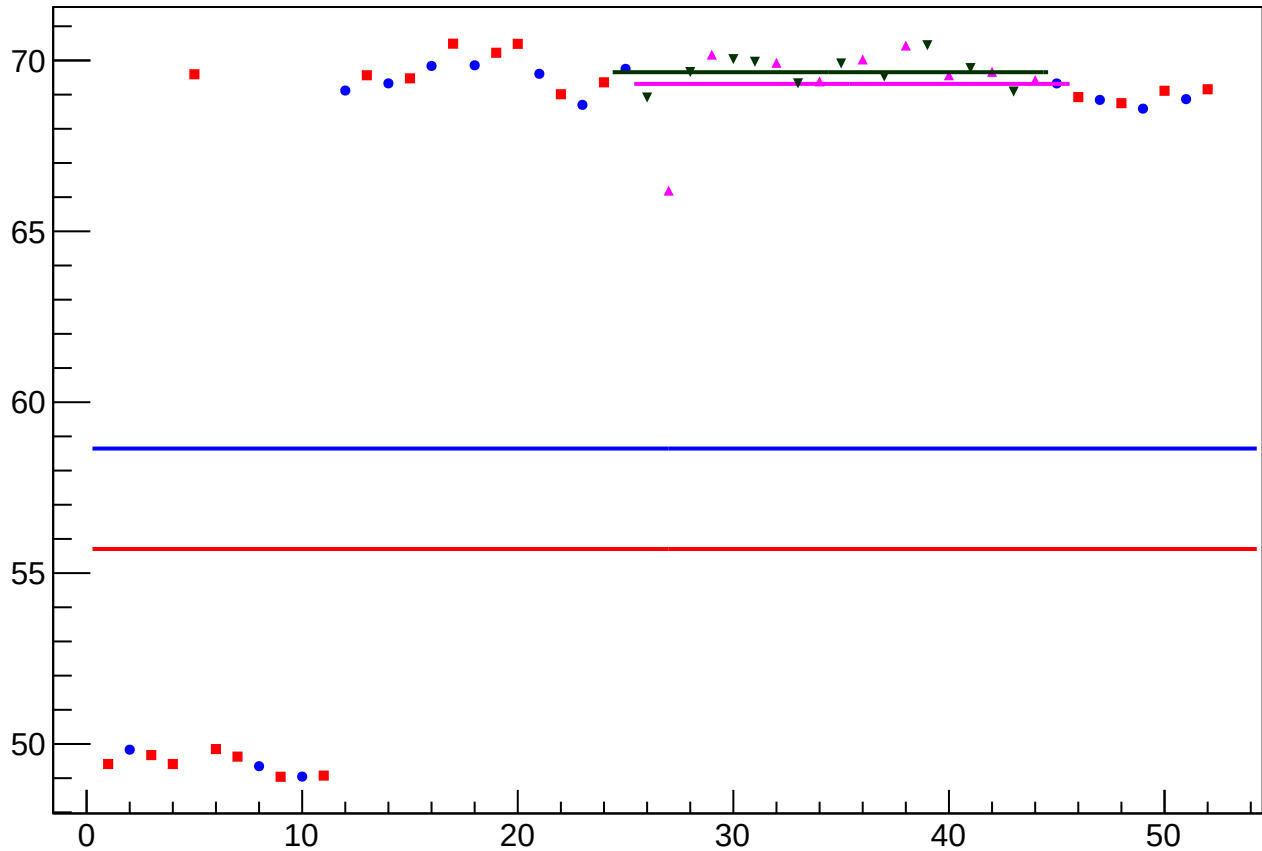
Left Out: 0.192+/-0.000 χ^2/NDF : 37638.8/9

0.166+/-0.000 χ^2/NDF : 3825593.9/51

Right Out: 0.147+/-0.000 χ^2/NDF : 1745007.2/18

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

yield_bcm_dg_ds_mean vs slug



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

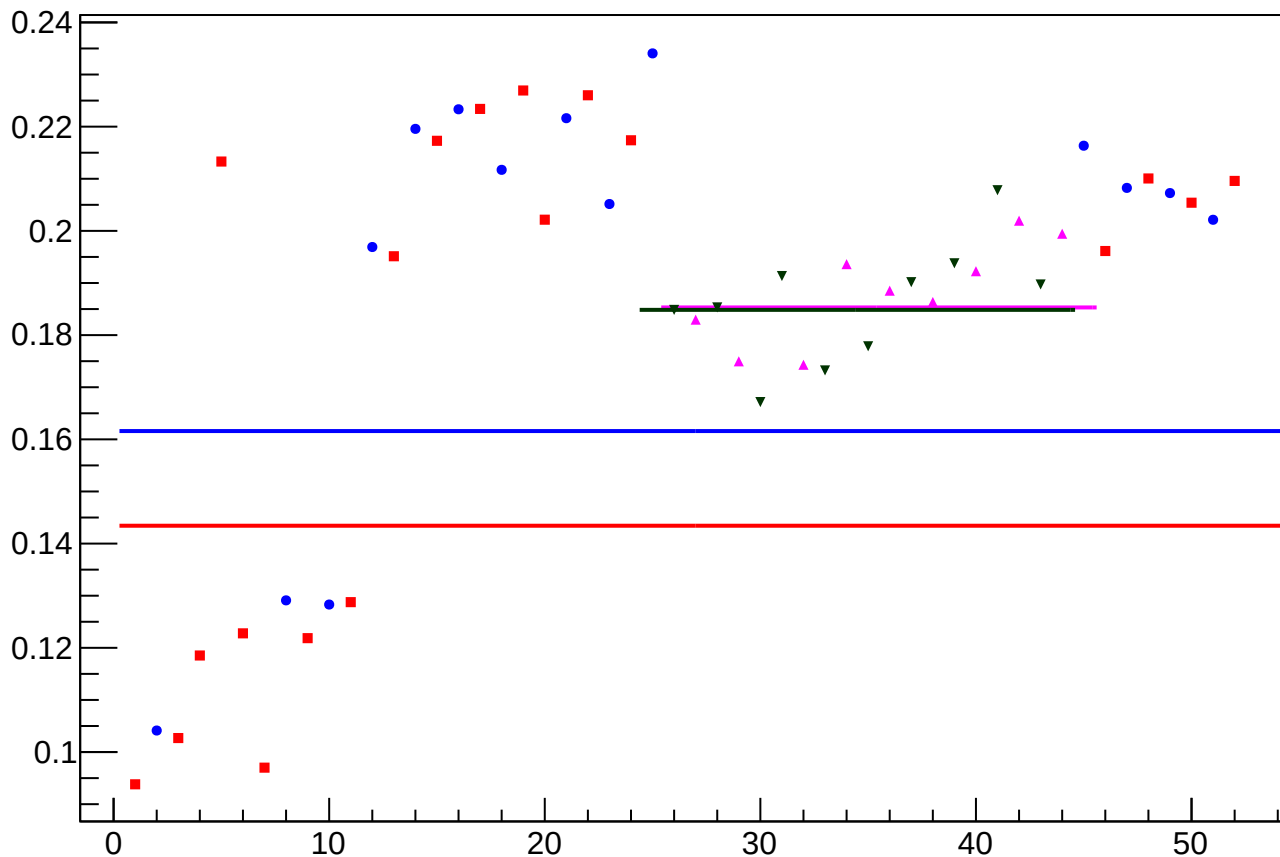
Left Out: 69.656+/-0.000 χ^2/NDF : 26123075.2/9

Right Out: 55.705+/-0.000 χ^2/NDF : 32417873001.6/18

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

60.881+/-0.000 χ^2/NDF : 96752273935.0/51

yield_bcm_dg_ds_rms vs slug



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

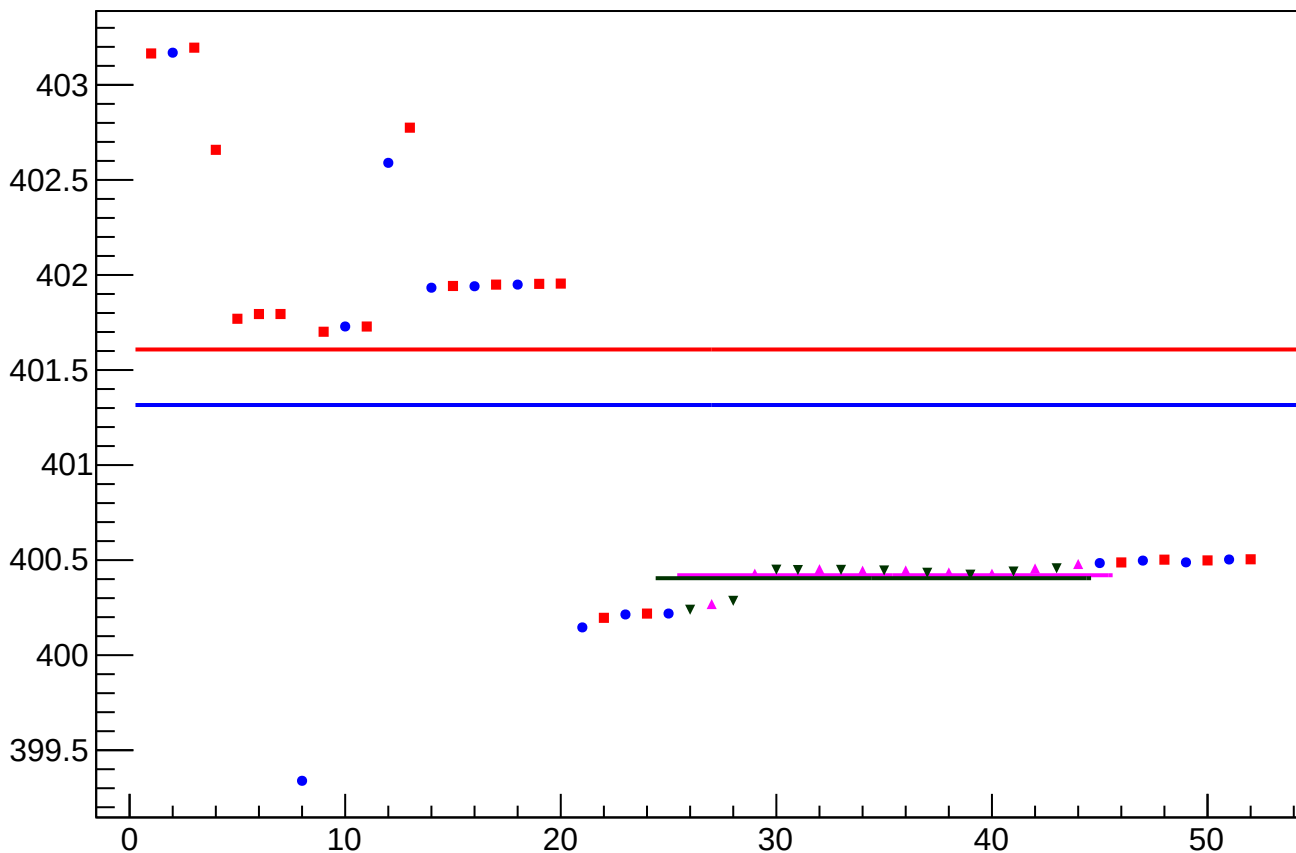
Left Out: 0.185+/-0.000 χ^2/NDF : 35256.7/9

Right Out: 0.143+/-0.000 χ^2/NDF : 1719804.0/18

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

0.162+/-0.000 χ^2/NDF : 3801528.5/51

yield_cav4bQ_mean vs slug



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

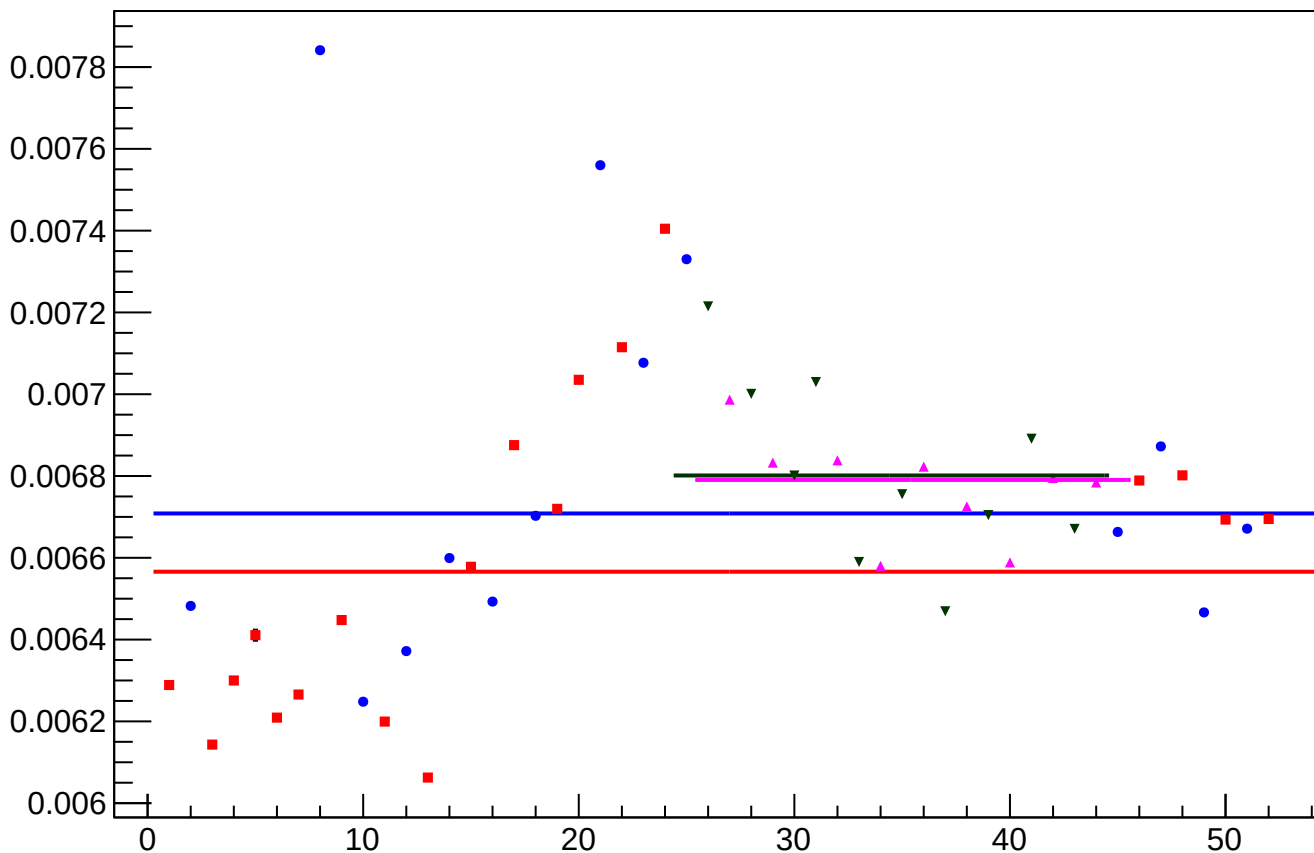
Left Out: 400.405+/-0.000 χ^2/NDF : 614714141.0/9

Right Out: 401.608+/-0.000 χ^2/NDF : 189293494763.4/18

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

401.084+/-0.000 χ^2/NDF : 614352446368.5/51

yield_cav4bQ_rms vs slug



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

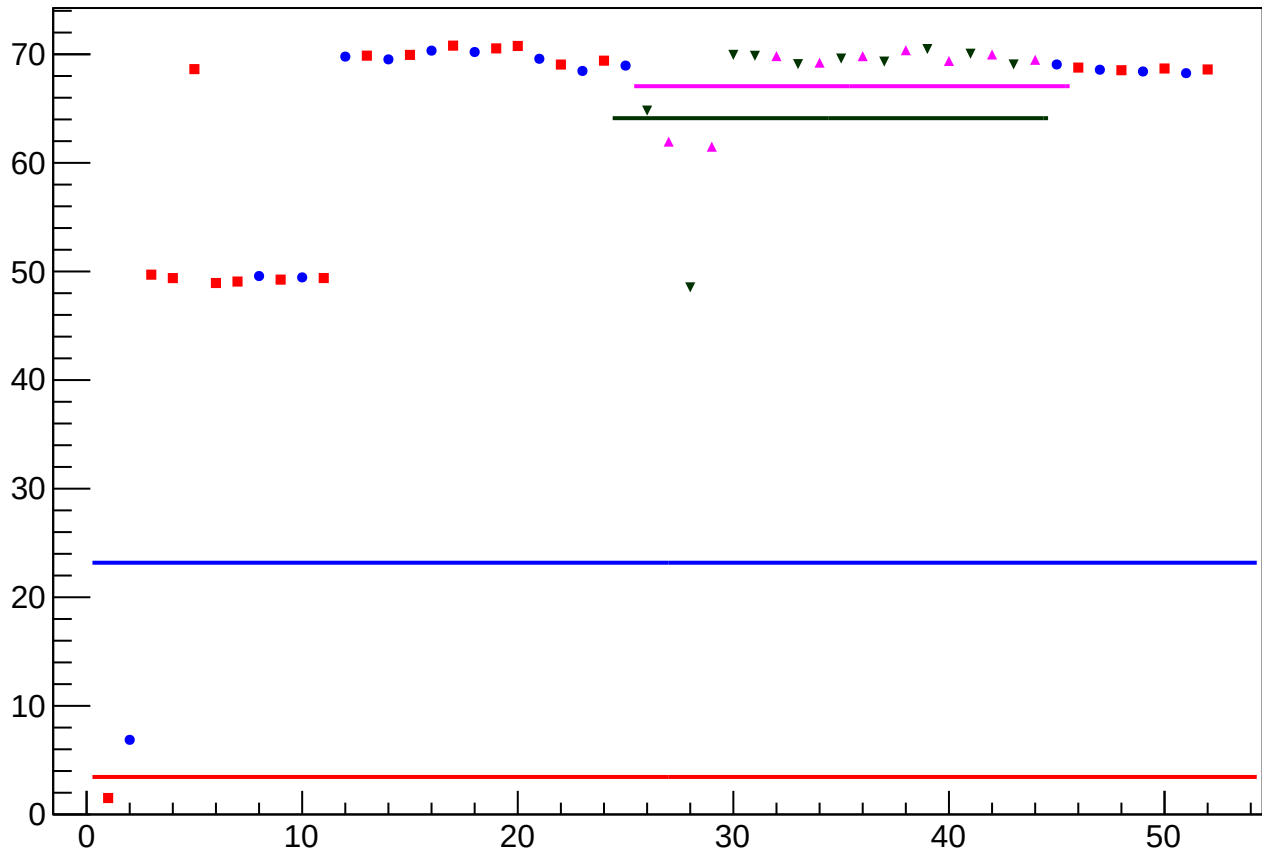
Left Out: 0.007+/-0.000 χ^2/NDF : 9934.2/9

Right Out: 0.007+/-0.000 χ^2/NDF : 53011.5/18

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

0.007+/-0.000 χ^2/NDF : 153832.1/51

yield_cav4cQ_mean vs slug



Right In: 23.180 $\pm$ 0.000 χ^2 /NDF: 372466563529.7/13

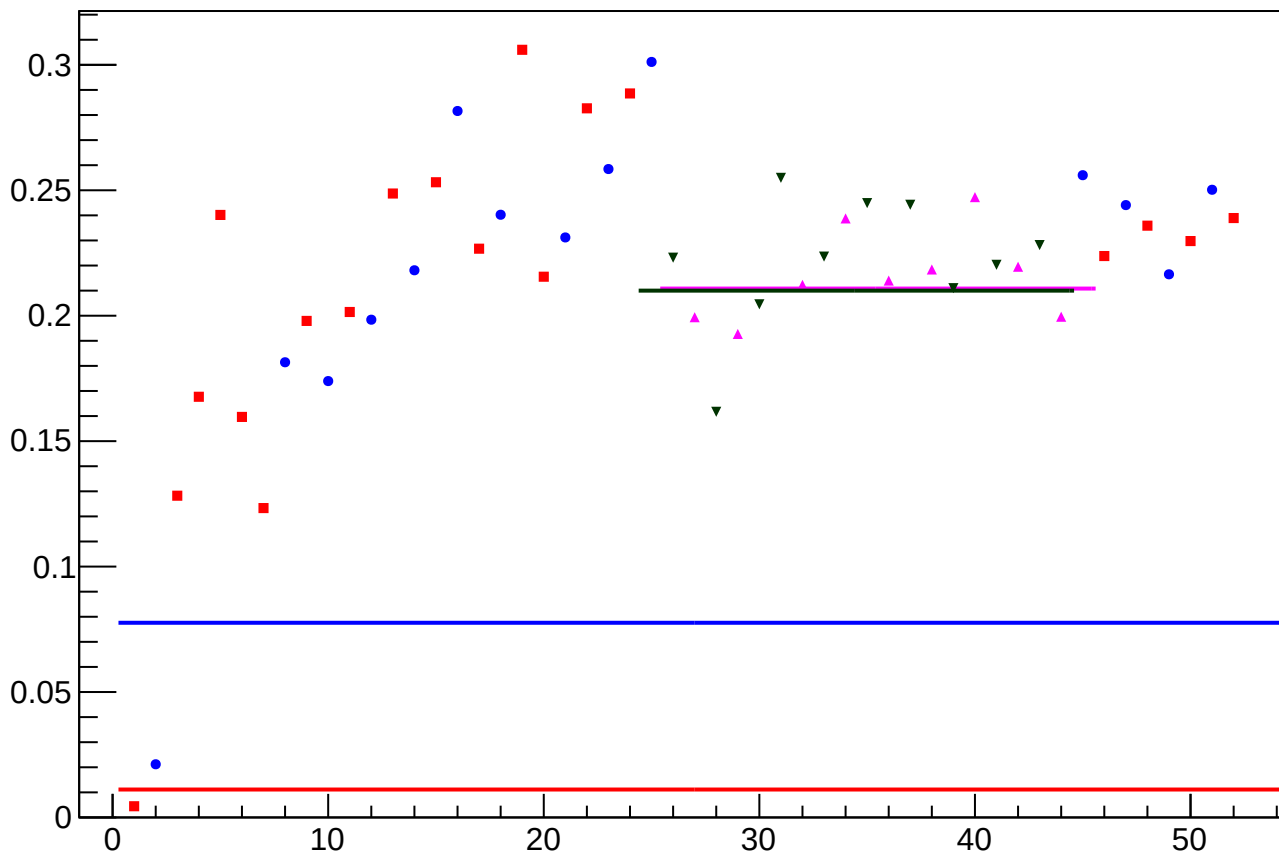
Left Out: 64.116 $\pm$ 0.000 χ^2 /NDF: 8524365591.2/9

Right Out: 3.453 $\pm$ 0.000 χ^2 /NDF: 576586032275.5/18

Left In: 67.060 $\pm$ 0.000 χ^2 /NDF: 1652967372.1/8

7.532 $\pm$ 0.000 χ^2 /NDF: 1922698153857.4/51

yield_cav4cQ_rms vs slug



Right In: 0.078 ± 0.000 $\chi^2/\text{NDF}: 8949265.6/13$

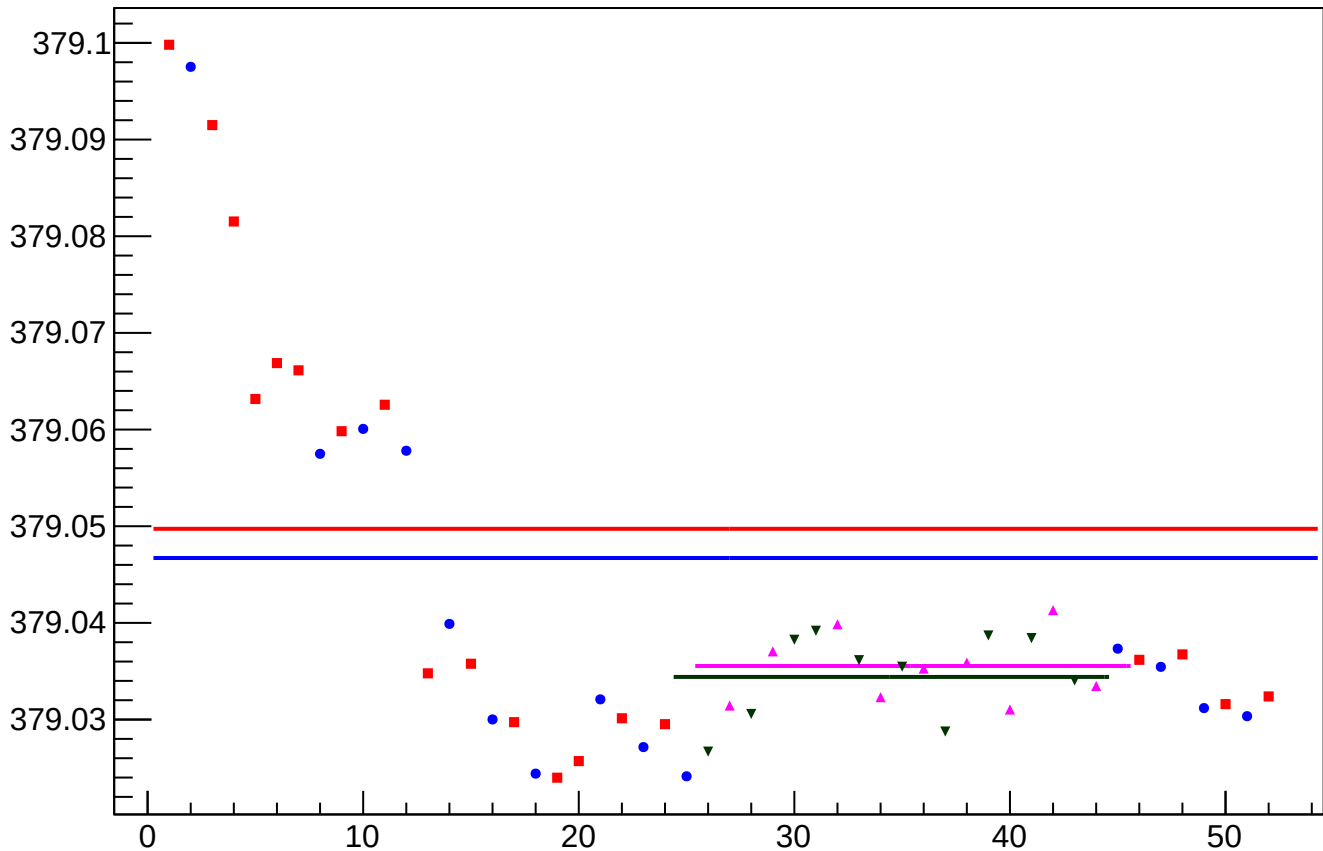
Left Out: 0.210 ± 0.000 $\chi^2/\text{NDF}: 195506.9/9$

Right Out: 0.011 ± 0.000 $\chi^2/\text{NDF}: 14084240.7/18$

Left In: 0.211 ± 0.000 $\chi^2/\text{NDF}: 55429.5/8$

0.025 ± 0.000 $\chi^2/\text{NDF}: 43428449.2/51$

yield_cav4dQ_mean vs slug



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

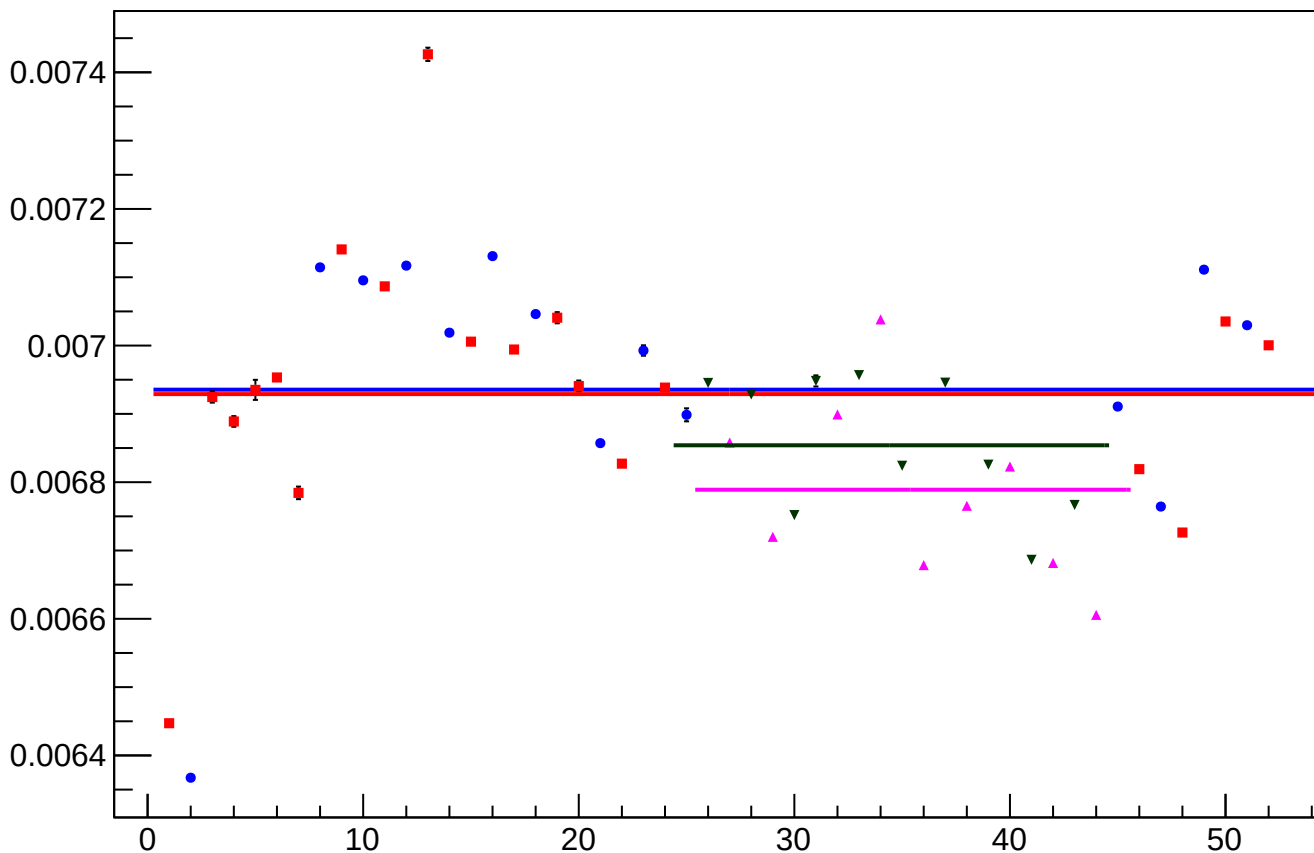
Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF: 1980028.6/9

379.043 $\pm$ 0.000 χ^2 /NDF: 234166561.3/51

Right Out: 379.050 $\pm$ 0.000 χ^2 /NDF: 106049545.3/18

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

yield_cav4dQ_rms vs slug



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

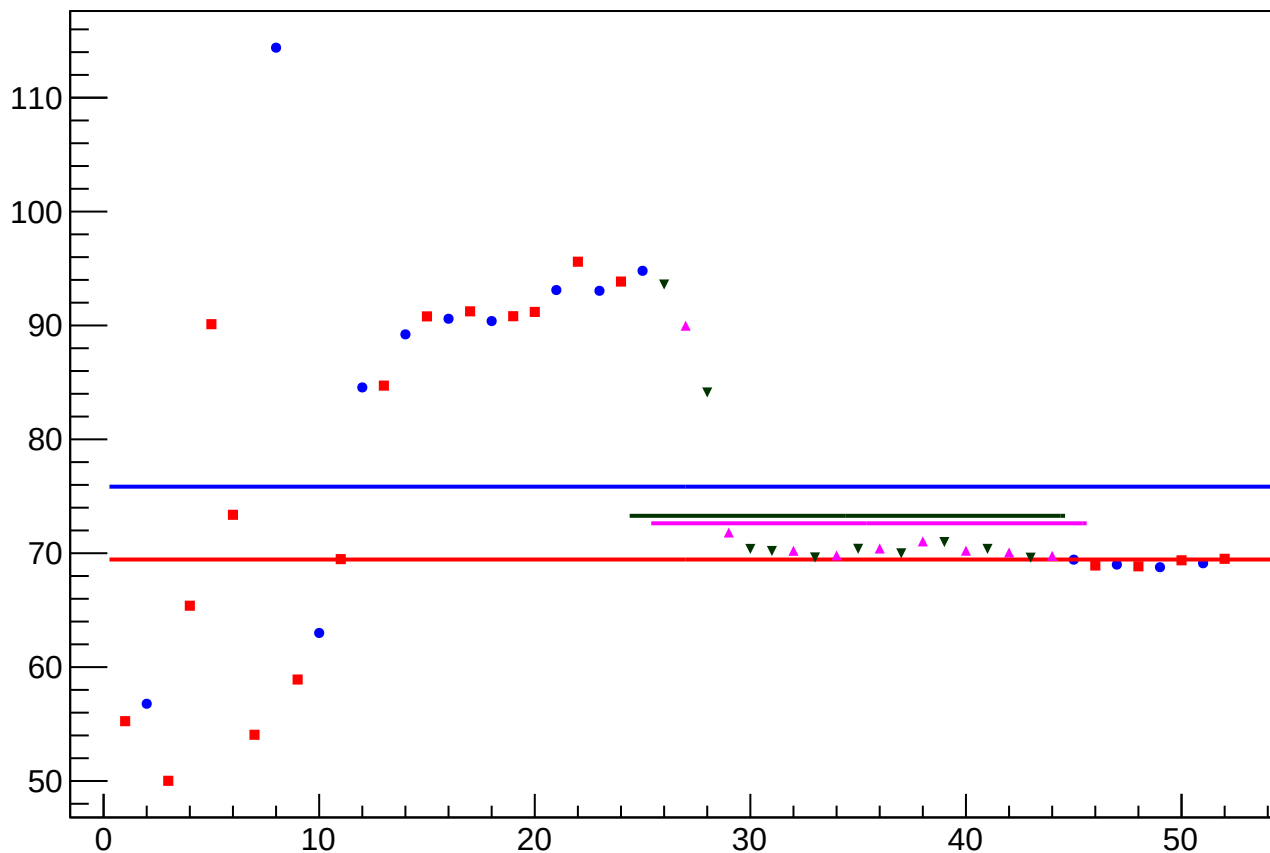
Left Out: 0.007+/-0.000 χ^2/NDF : 2061.8/9

Right Out: 0.007+/-0.000 χ^2/NDF : 14102.7/18

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

0.007+/-0.000 χ^2/NDF : 45998.4/51

yield_bcm0l02_mean vs slug



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

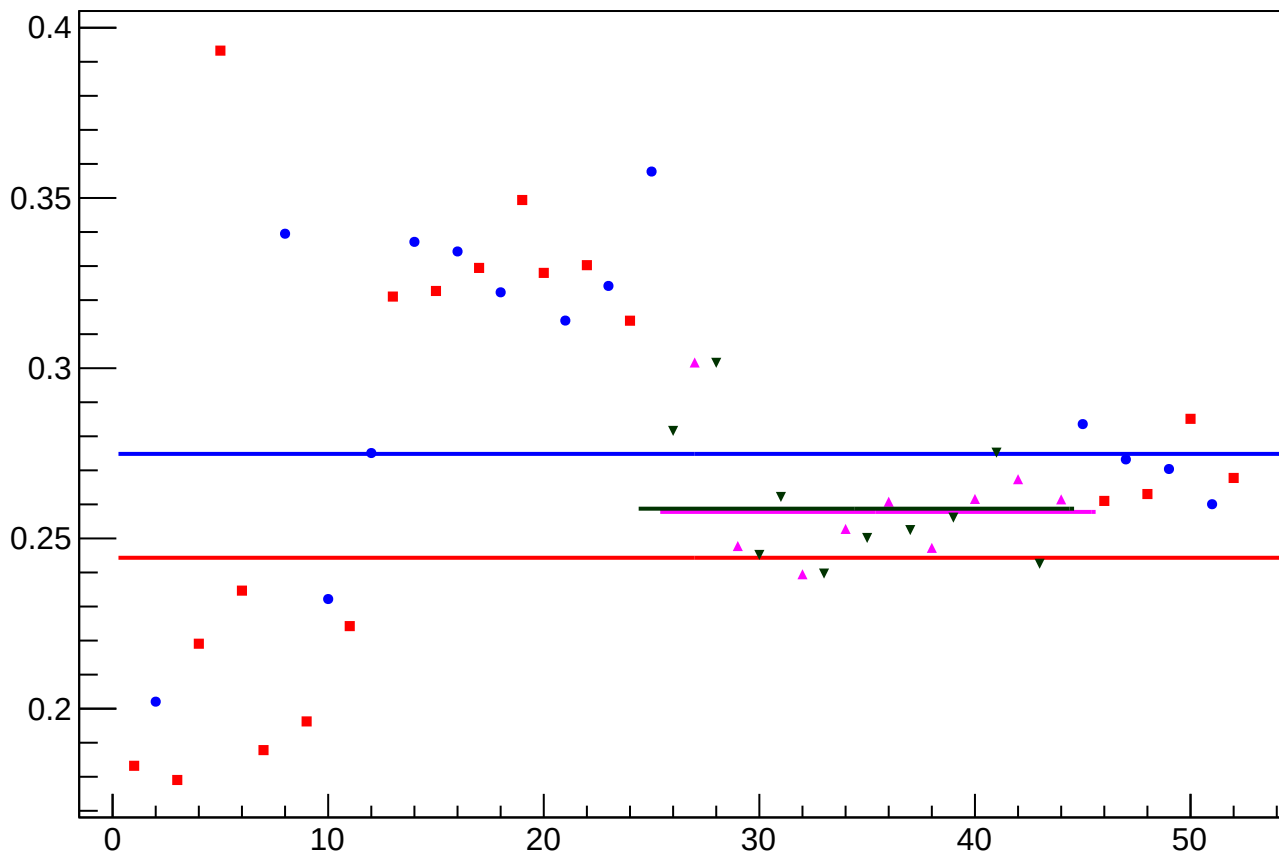
Left Out: 73.286+/-0.000 χ^2 /NDF: 3720782967.4/9

Right Out: 69.448+/-0.000 χ^2 /NDF: 24406962735.1/18

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

72.578+/-0.000 χ^2 /NDF: 59692534464.1/51

yield_bcm0l02_rms vs slug



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

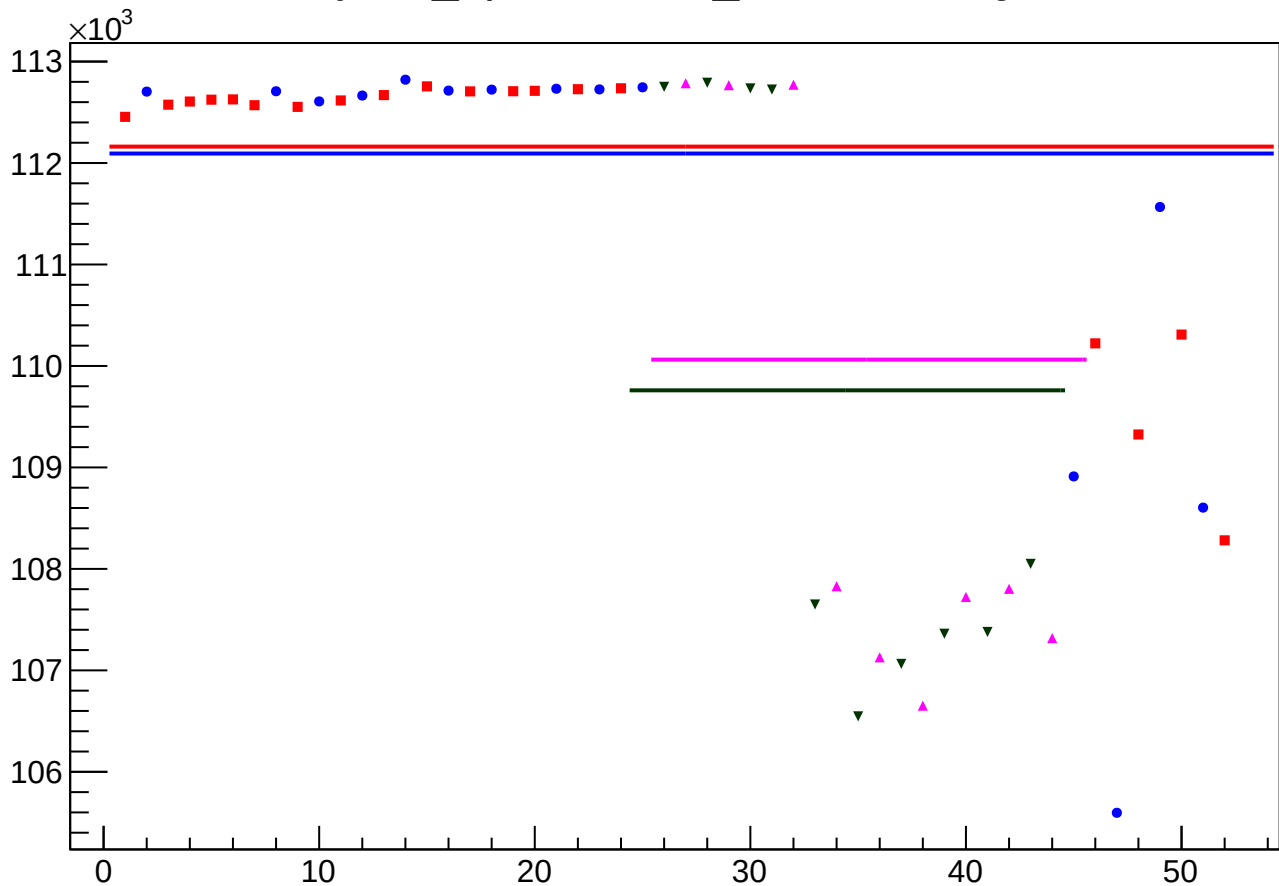
Left Out: 0.259 ± 0.000 χ^2/NDF : 48388.8/9

Right Out: 0.244 ± 0.000 χ^2/NDF : 773127.6/18

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

0.258 ± 0.000 χ^2/NDF : 1447005.8/51

yield_bpm2i01WS_mean vs slug



Right In: 112093.625 ± 0.037 $\chi^2/\text{NDF}: 1893377373.4/13$

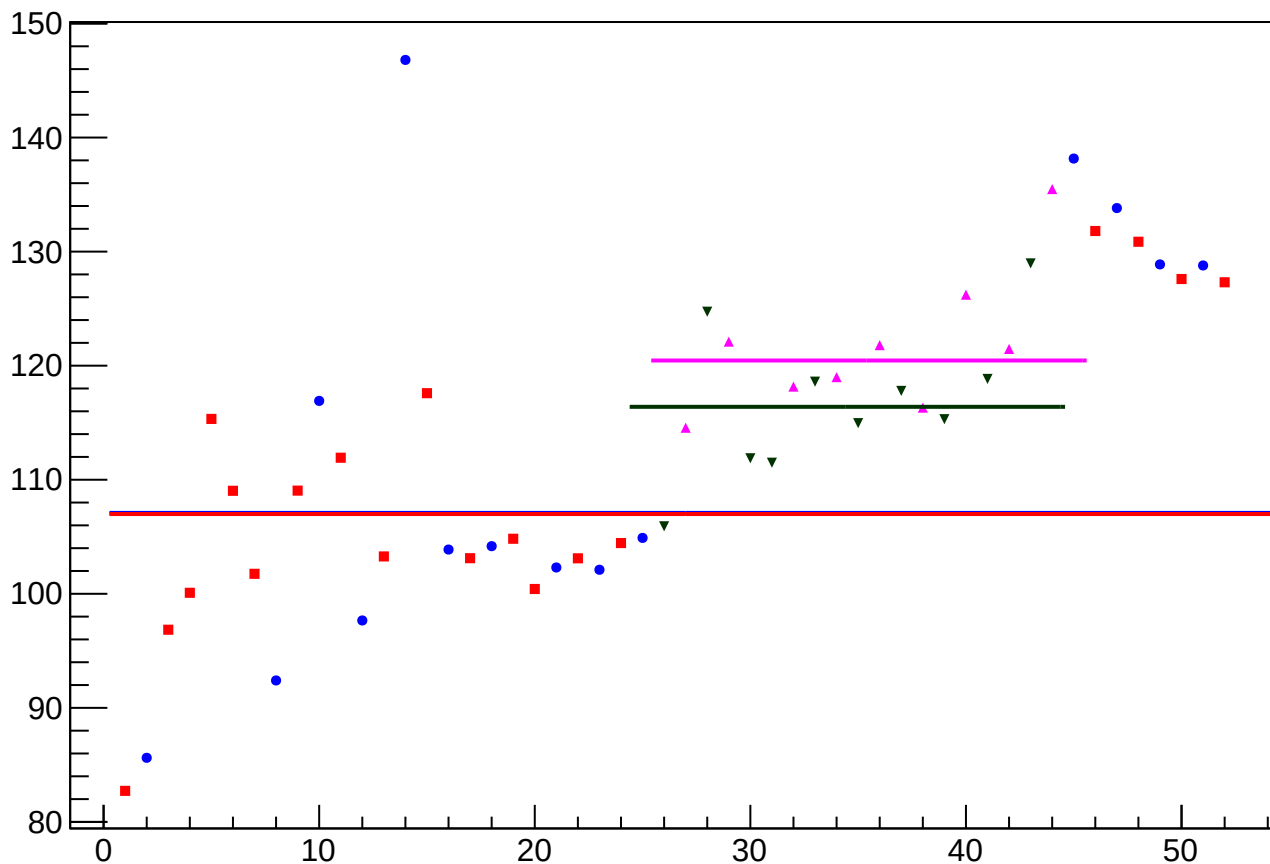
Left Out: 109759.766 ± 0.054 $\chi^2/\text{NDF}: 2587692520.9/9$

Right Out: 112161.842 ± 0.037 $\chi^2/\text{NDF}: 1010673185.8/18$

Left In: 110062.291 ± 0.053 $\chi^2/\text{NDF}: 2589858371.2/8$

111410.008 ± 0.022 $\chi^2/\text{NDF}: 10416165223.7/5$

yield_bpm2i01WS_rms vs slug



Right In: 107.093+/-0.026 χ^2/NDF : 480258.8/13

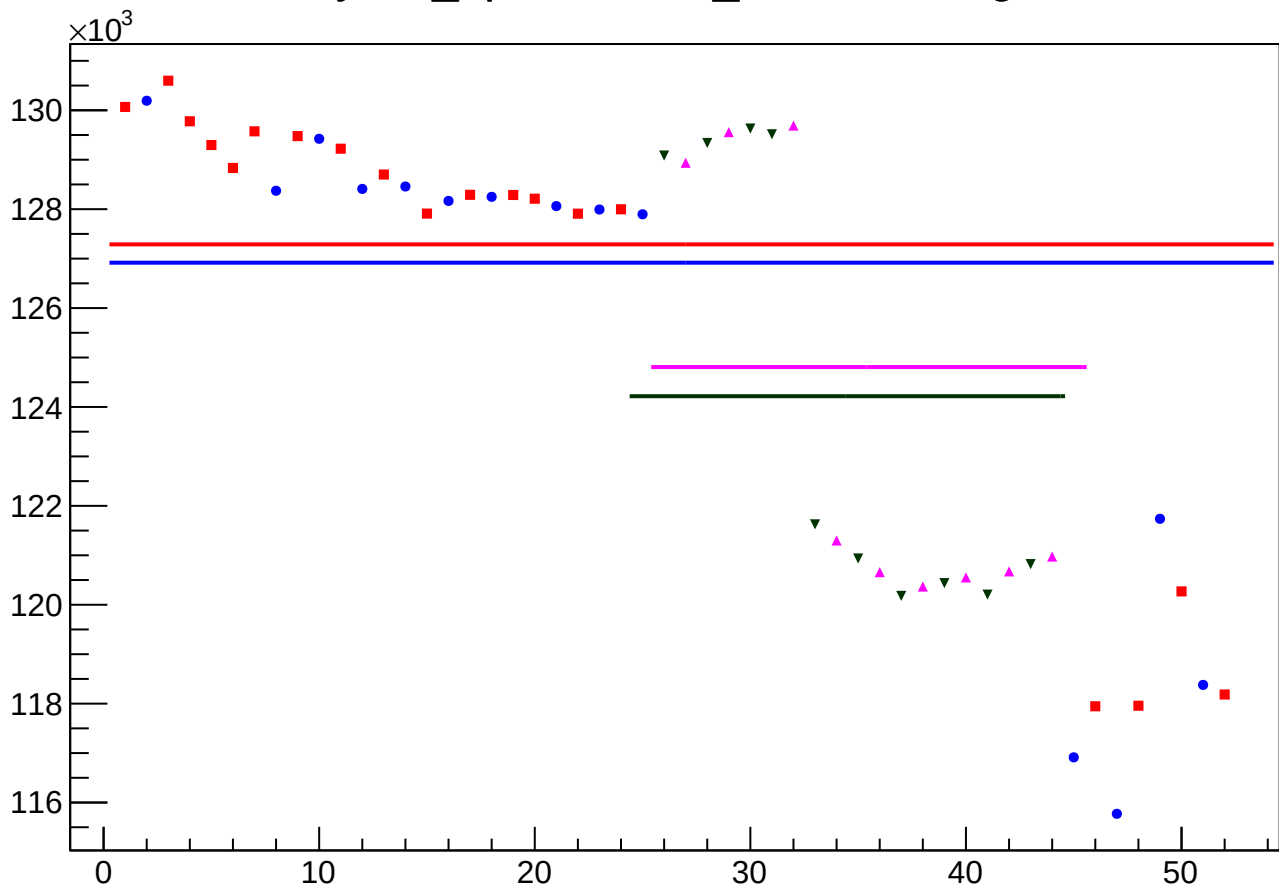
Left Out: 116.393+/-0.038 χ^2/NDF : 27352.1/9

110.735+/-0.015 χ^2/NDF : 876062.3/51

Right Out: 106.993+/-0.026 χ^2/NDF : 220847.2/18

Left In: 120.454+/-0.038 χ^2/NDF : 19101.5/8

yield_bpm0i07WS_mean vs slug



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

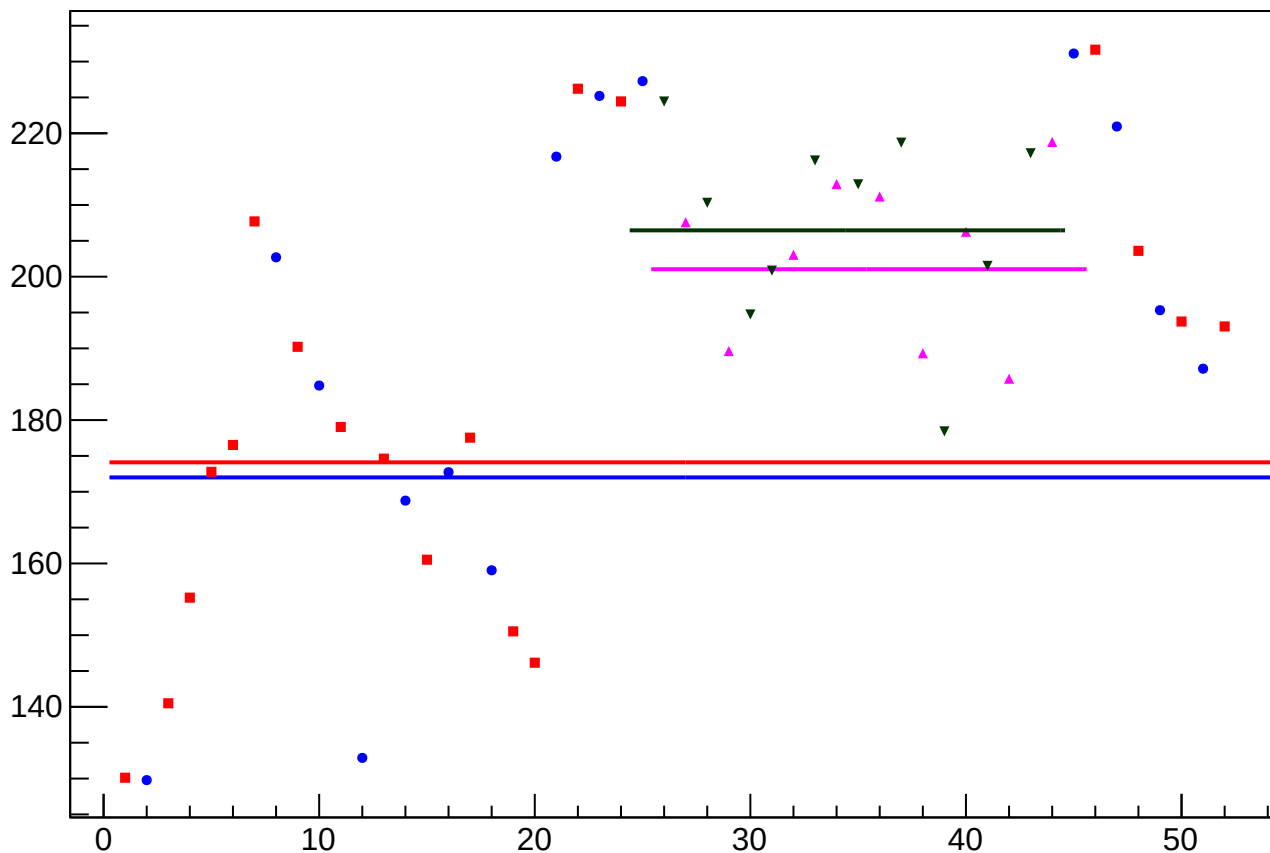
Left Out: 124217.458 $\pm$ 0.091 χ^2 /NDF: 2222612678.1/9

Right Out: 127288.088 $\pm$ 0.061 χ^2 /NDF: 4092023001.3/18

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

126293.164 $\pm$ 0.035 χ^2 /NDF: 15026755021.3/5

yield_bpm0i07WS_rms vs slug



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

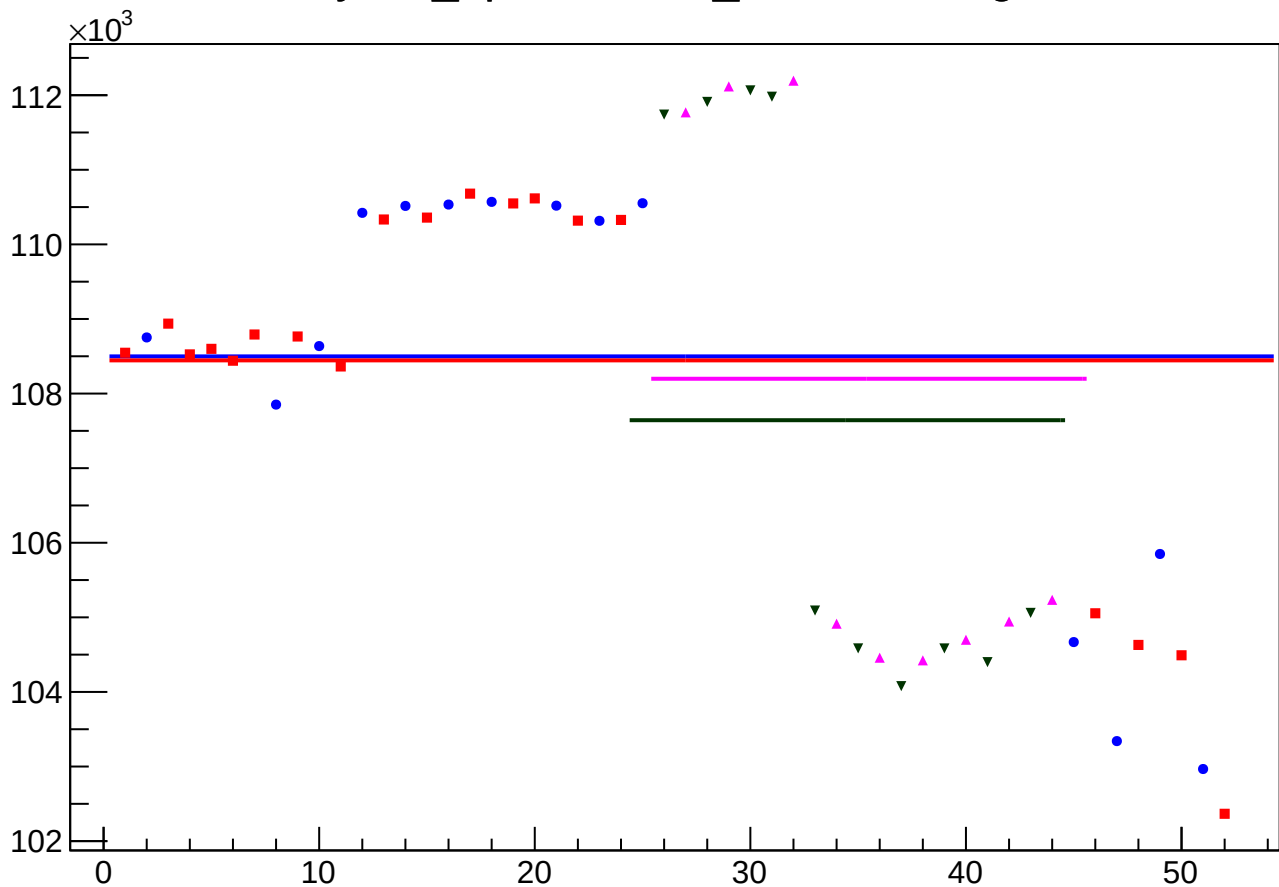
Left Out: 206.461 $\pm$ 0.065 χ^2 /NDF: 41468.1/9

Right Out: 174.105 $\pm$ 0.043 χ^2 /NDF: 435332.4/18

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

182.596 $\pm$ 0.025 χ^2 /NDF: 1474465.3/51

yield_bpm0l01WS_mean vs slug



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

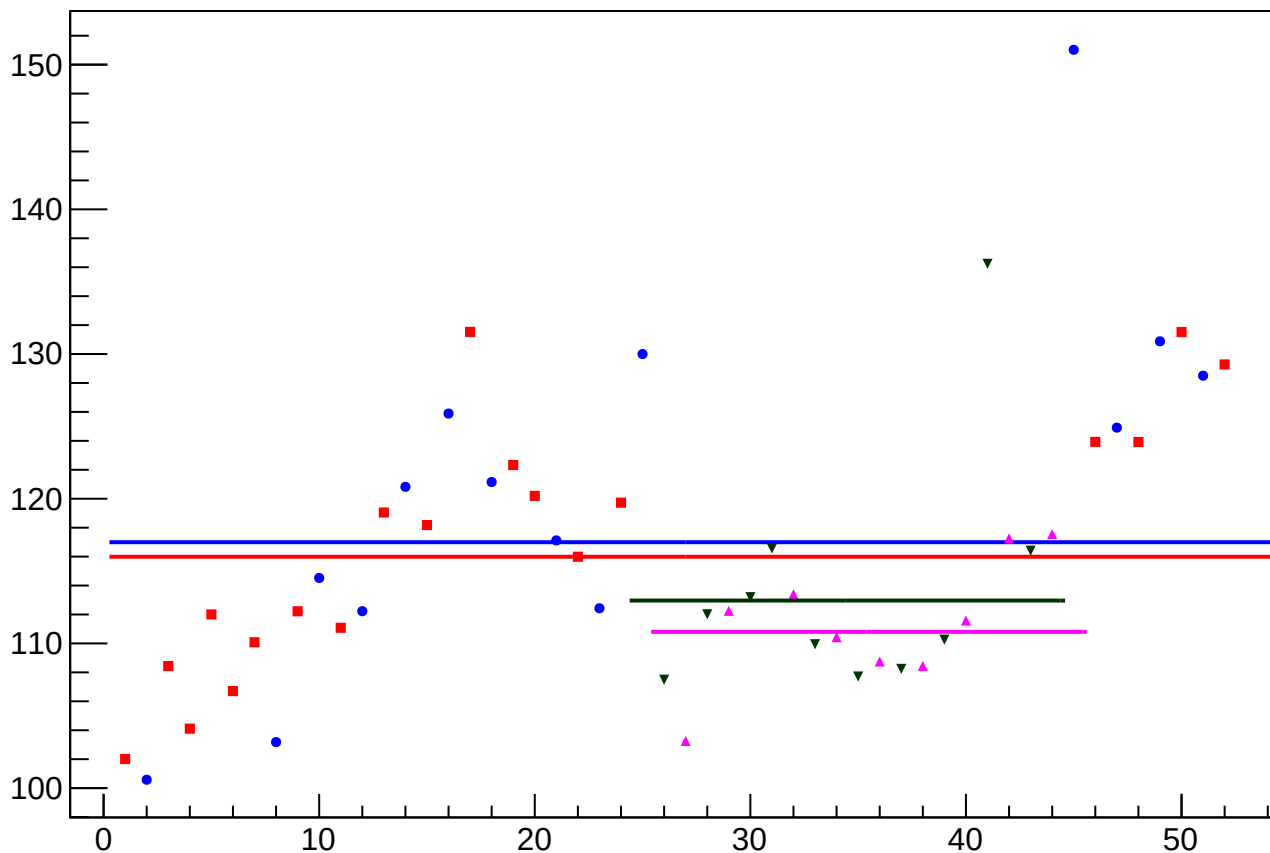
Left Out: 107642.924 $\pm$ 0.050 χ^2 /NDF: 5150705476.1/9

Right Out: 108444.980 $\pm$ 0.040 χ^2 /NDF: 3189127786.2/18

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

108258.507 $\pm$ 0.022 χ^2 /NDF: 18104527662.0/5

yield_bpm0l01WS_rms vs slug



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

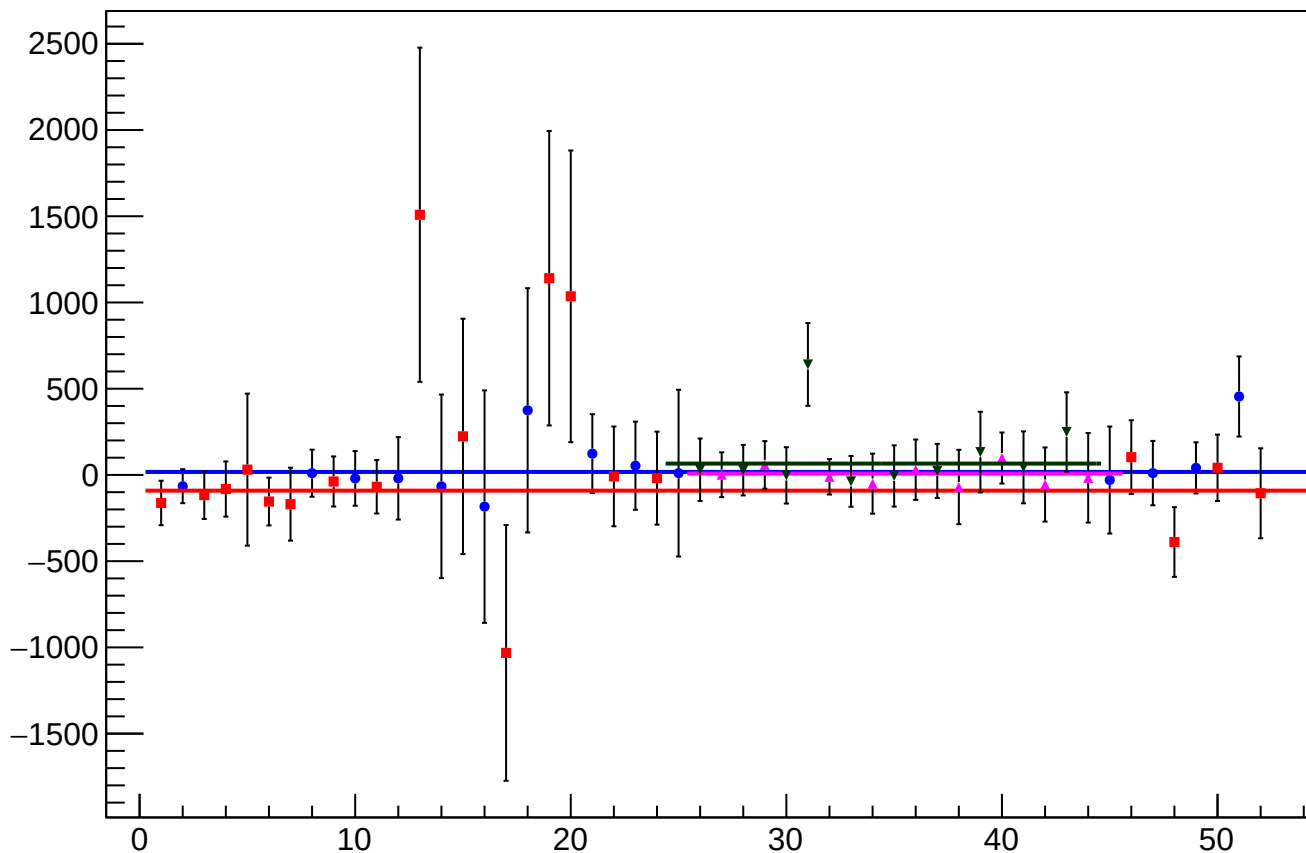
Left Out: 112.963 $\pm$ 0.036 χ^2 /NDF: 43064.1/9

114.617 $\pm$ 0.015 χ^2 /NDF: 362123.8/51

Right Out: 115.991 $\pm$ 0.028 χ^2 /NDF: 94155.3/18

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

asym_bcm_an_ds_mean vs slug



Right In: 17.347+/-52.438 $\chi^2/NDF: 5.0/13$

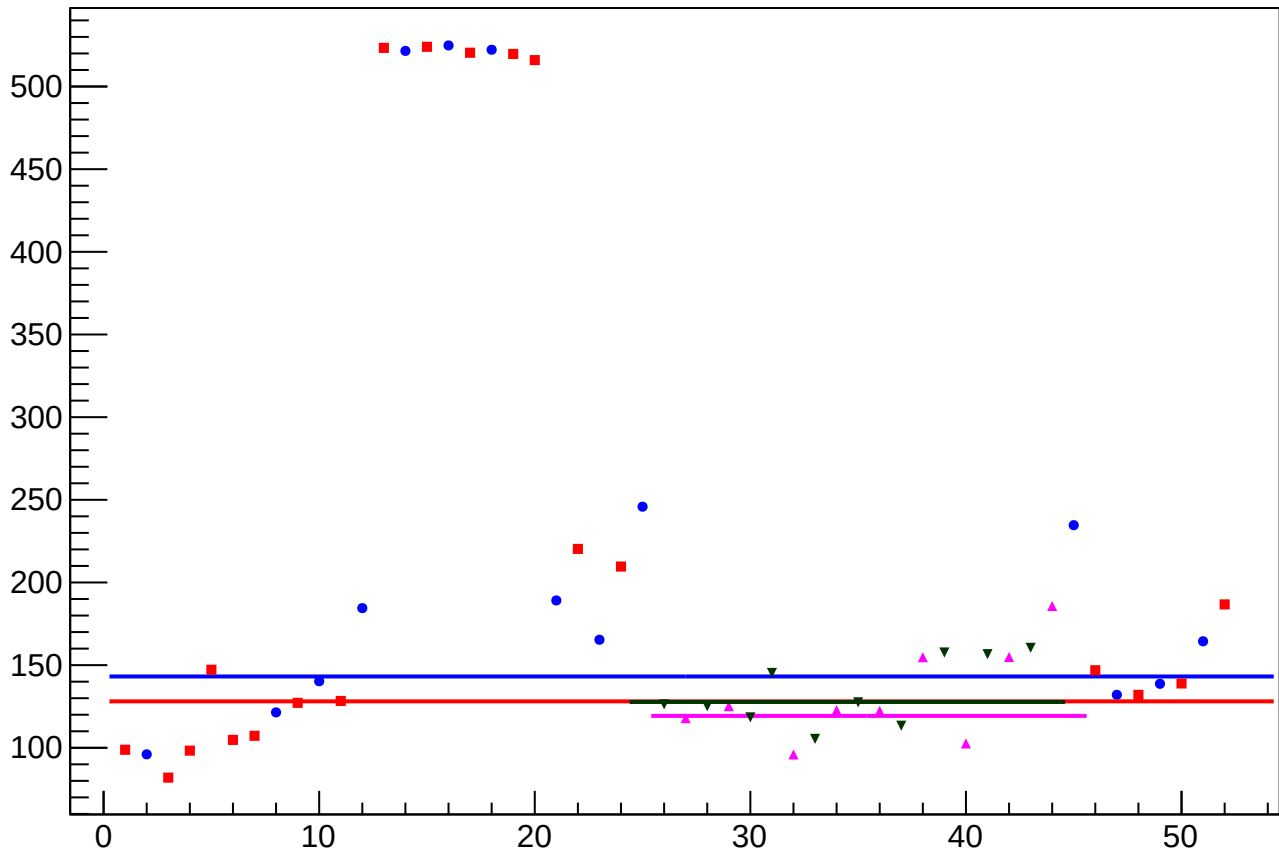
Left Out: 65.780+/-56.744 $\chi^2/NDF: 7.5/9$

Right Out: -91.074+/-47.573 $\chi^2/NDF: 13.0/18$

Left In: 7.861+/-51.585 $\chi^2/NDF: 0.9/8$

-7.071+/-25.890 $\chi^2/NDF: 31.4/51$

asym_bcm_an_ds_rms vs slug



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

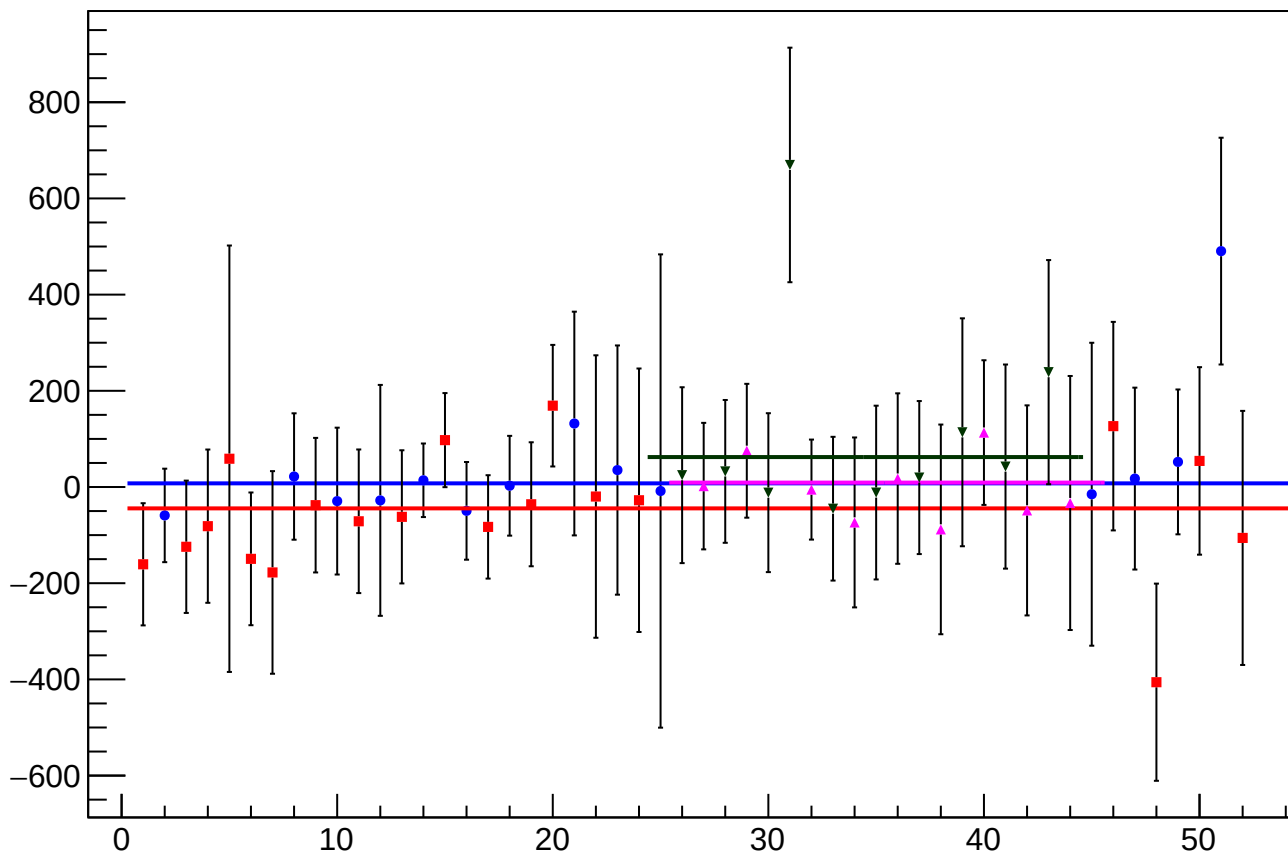
Left Out: 127.722+/-0.040 χ^2/NDF :192416.0/9

129.469+/-0.018 χ^2/NDF : 7356808.7/51

Right Out: 128.093+/-0.034 χ^2/NDF : 3393578.7/18

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 $\chi^2/\text{NDF}: 5.5/13$

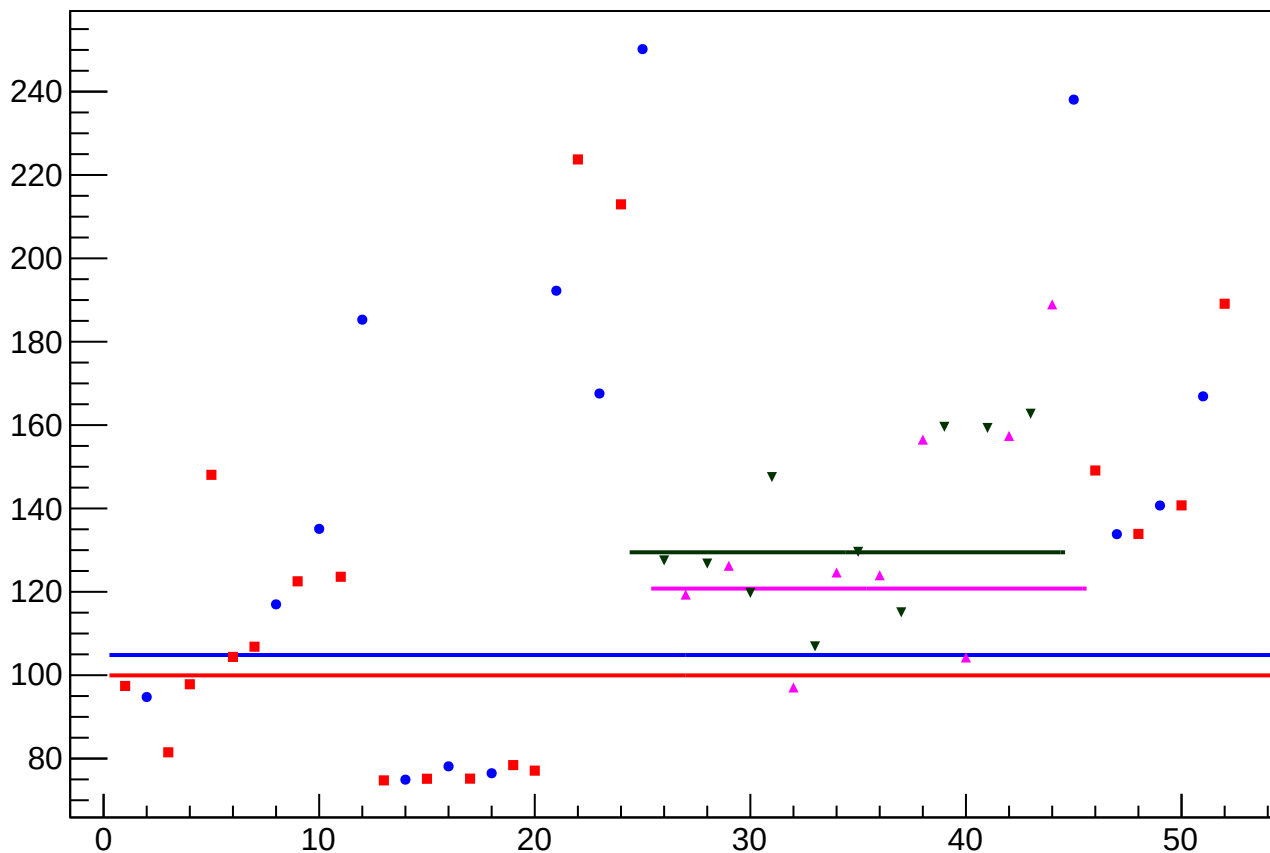
Left Out: 62.264 ± 57.532 $\chi^2/\text{NDF}: 7.9/9$

Right Out: -44.436 ± 35.201 $\chi^2/\text{NDF}: 11.5/18$

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

-3.730 ± 21.329 $\chi^2/\text{NDF}: 28.9/51$

asym_bcm_an_ds3_rms vs slug



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

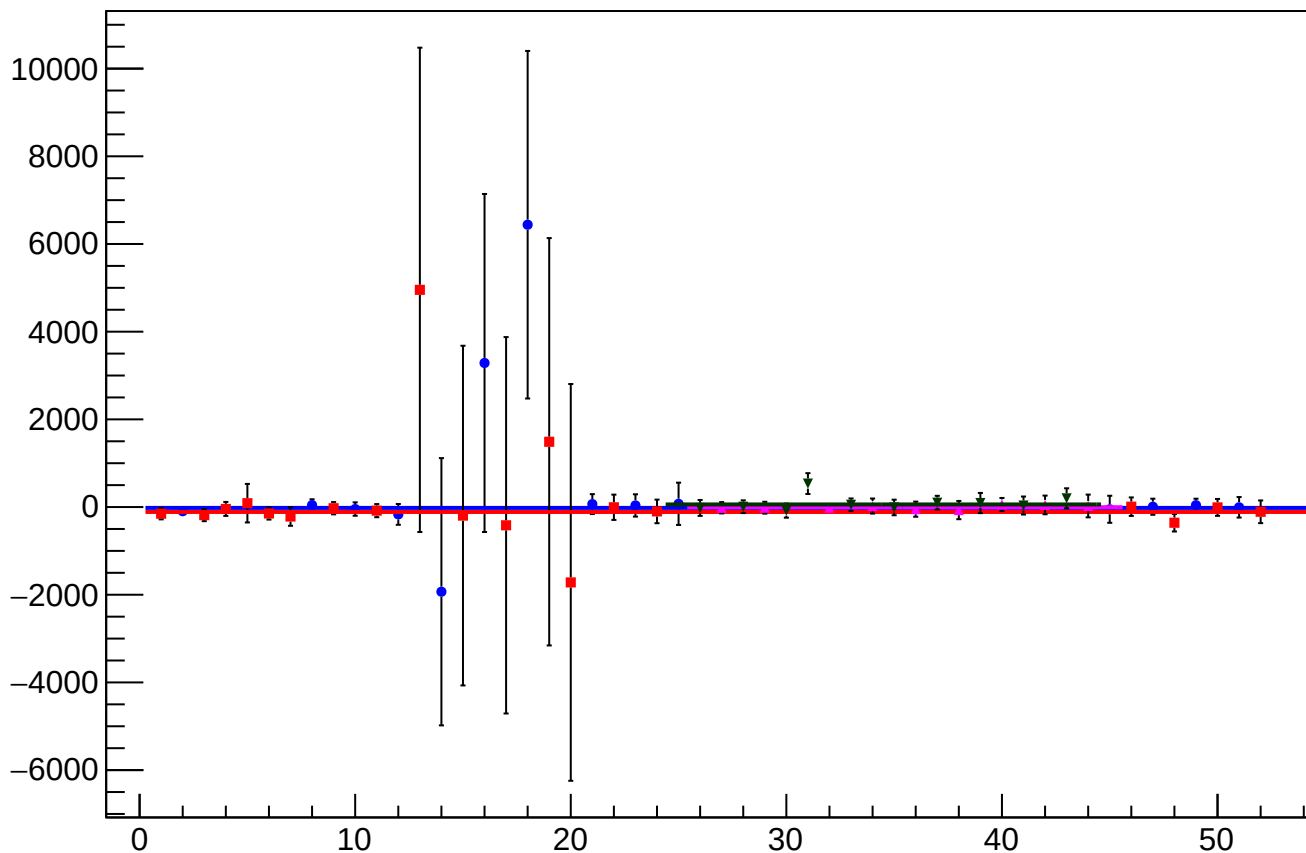
Left Out: 129.483+/-0.041 χ^2/NDF :193272.5/9

Right Out: 99.957+/-0.025 χ^2/NDF : 1758147.1/18

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

109.091+/-0.015 χ^2/NDF : 5006488.4/51

asym_bcm_an_us_mean vs slug



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

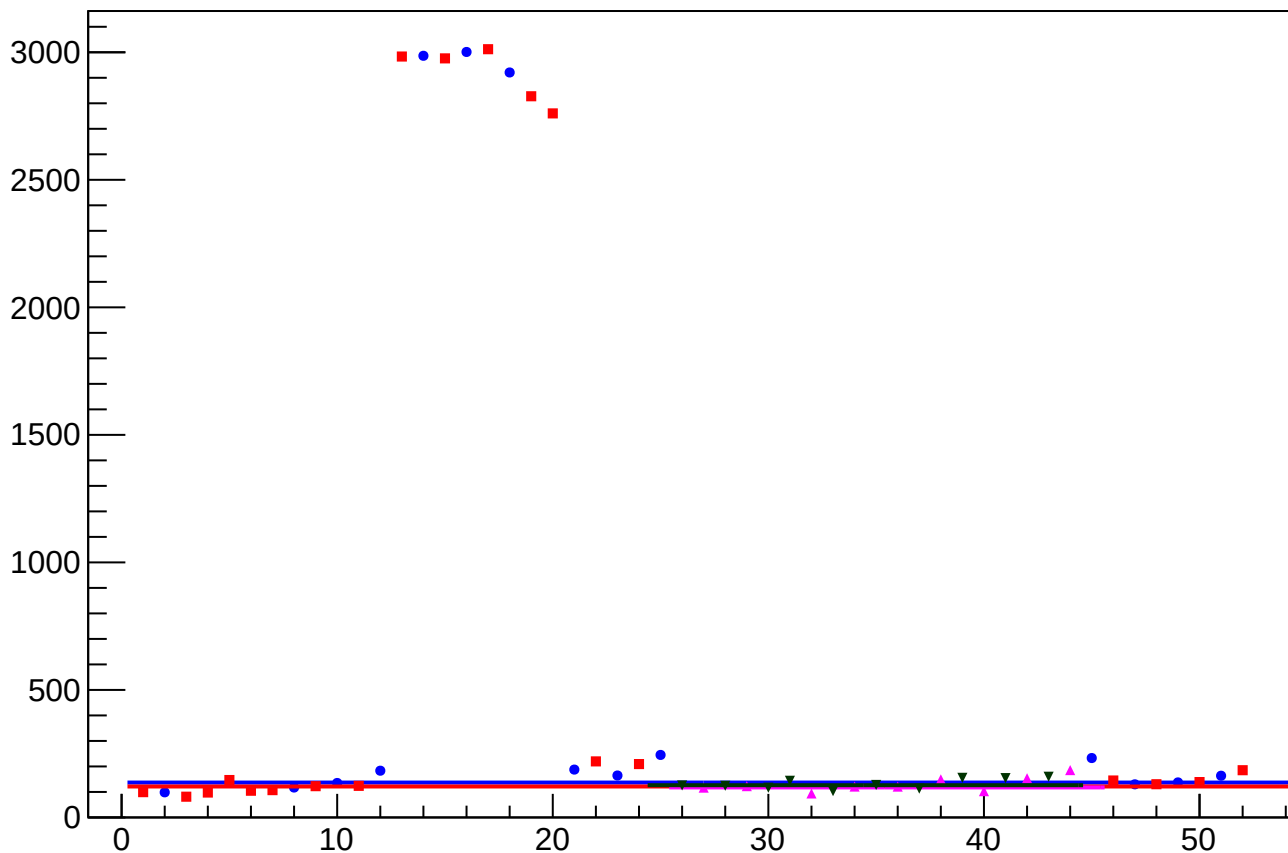
Left Out: 59.322+/-56.217 χ^2 /NDF: 5.7/9

Right Out: -111.922+/-47.496 χ^2 /NDF: 4.9/18

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

-26.221+/-25.826 χ^2 /NDF: 22.2/51

asym_bcm_an_us_rms vs slug



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

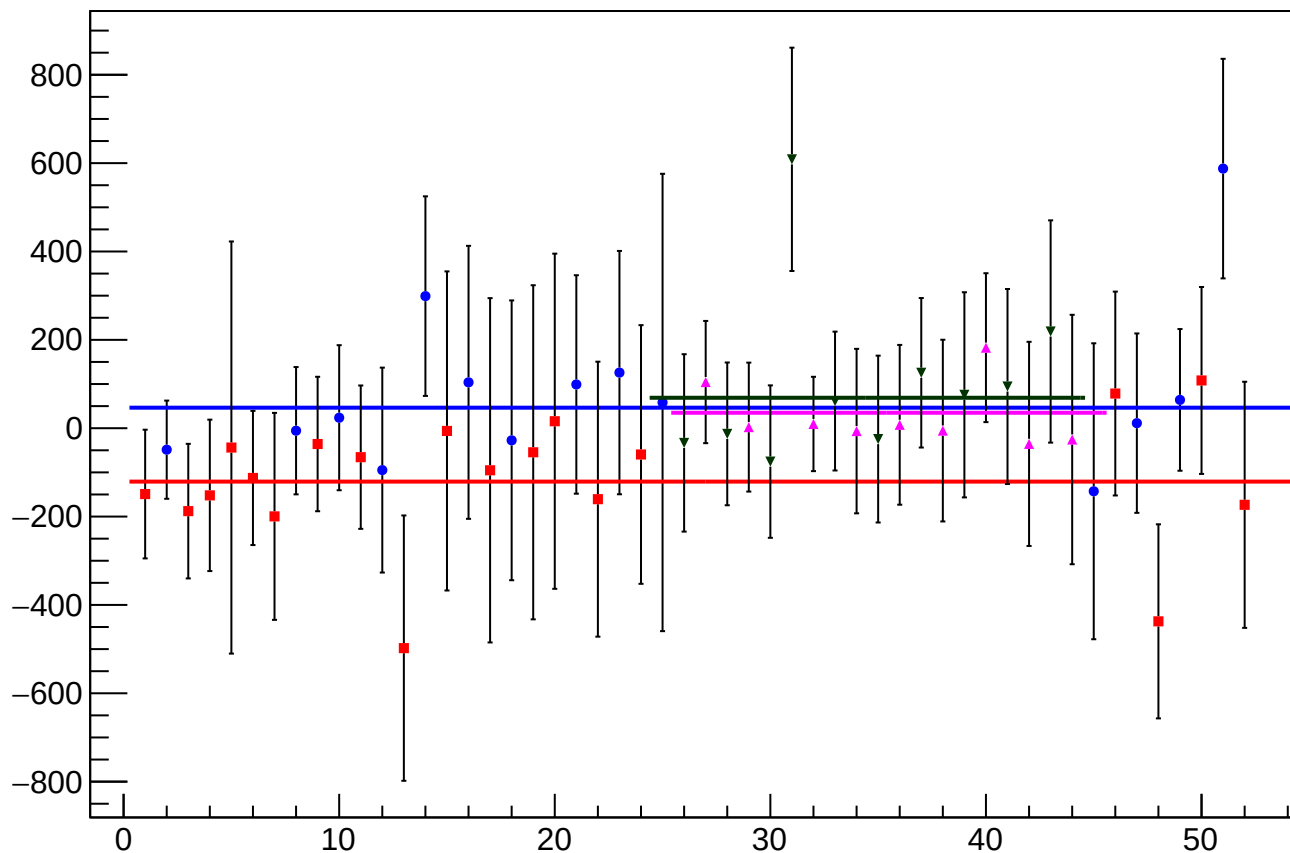
Left Out: 126.427+/-0.040 χ^2/NDF : 196342.9/9

Right Out: 121.400+/-0.034 χ^2/NDF : 4820434.6/18

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

125.155+/-0.018 χ^2/NDF : 10221183.6/51

asym_bcm_dg_us_mean vs slug



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

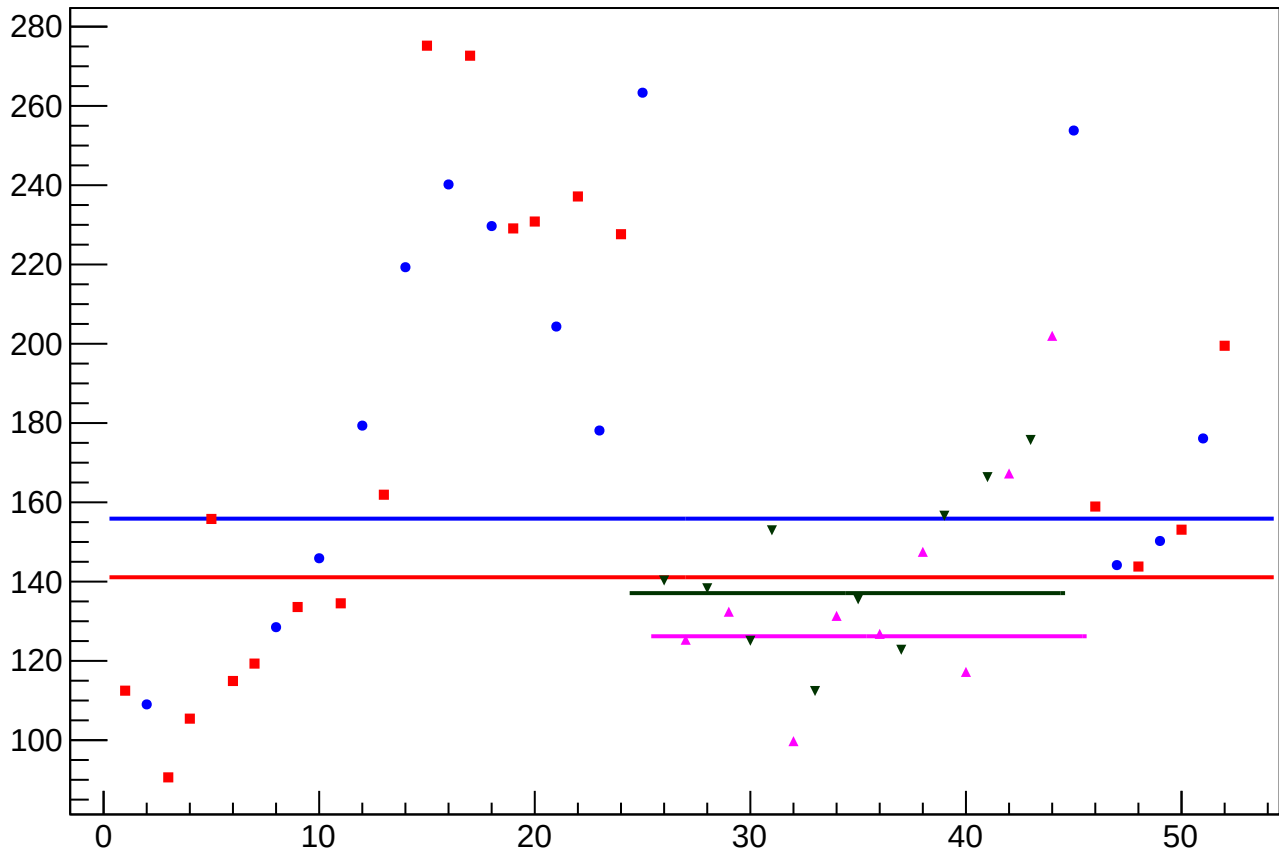
Left Out: 68.904+/-60.779 χ^2/NDF : 6.5/9

Right Out: -120.868+/-49.525 χ^2/NDF : 6.8/18

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

-2.027+/-27.104 χ^2/NDF : 30.9/51

asym_bcm_dg_us_rms vs slug



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

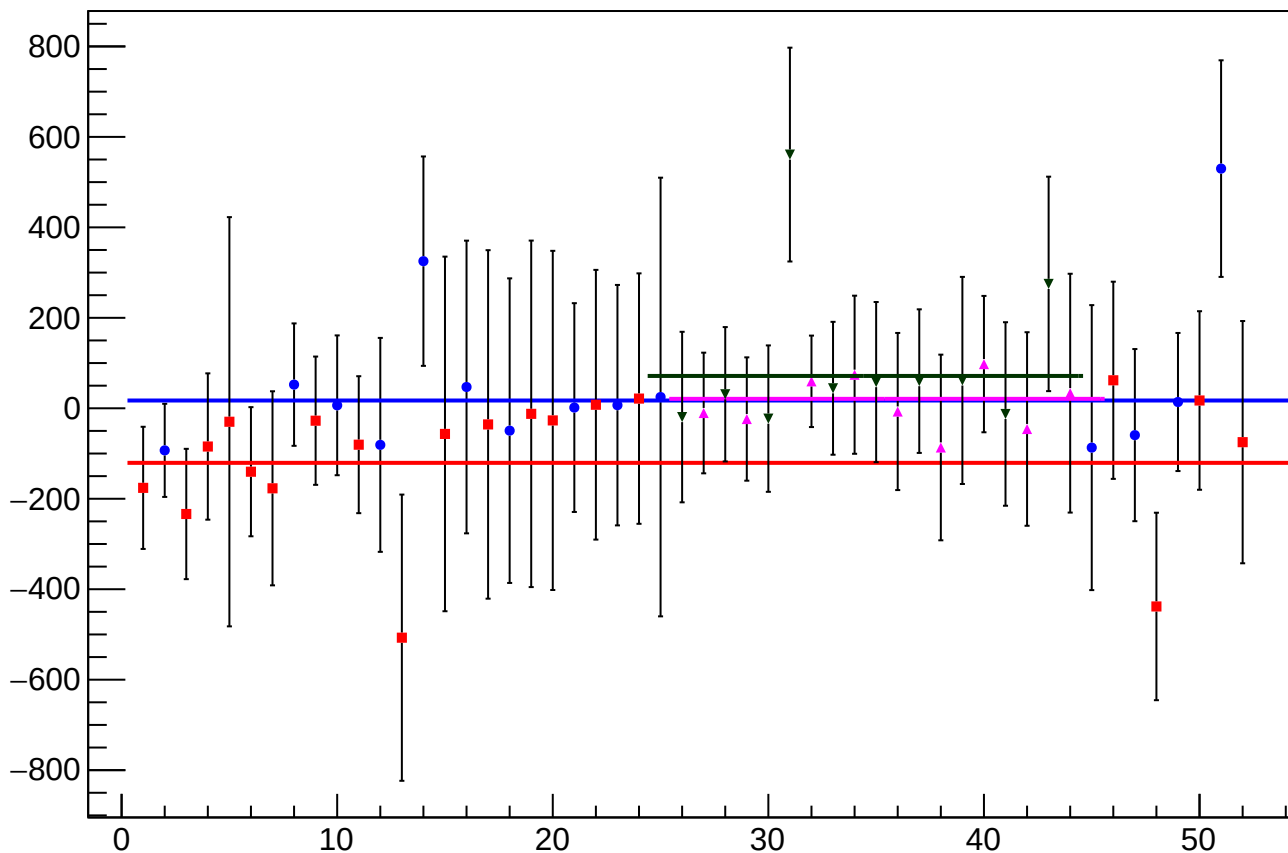
Left Out: 137.095+/-0.043 χ^2/NDF : 178426.5/9

140.384+/-0.019 χ^2/NDF : 3765061.8/51

Right Out: 141.097+/-0.035 χ^2/NDF : 1675990.0/18

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 χ^2/NDF : 8.1/13

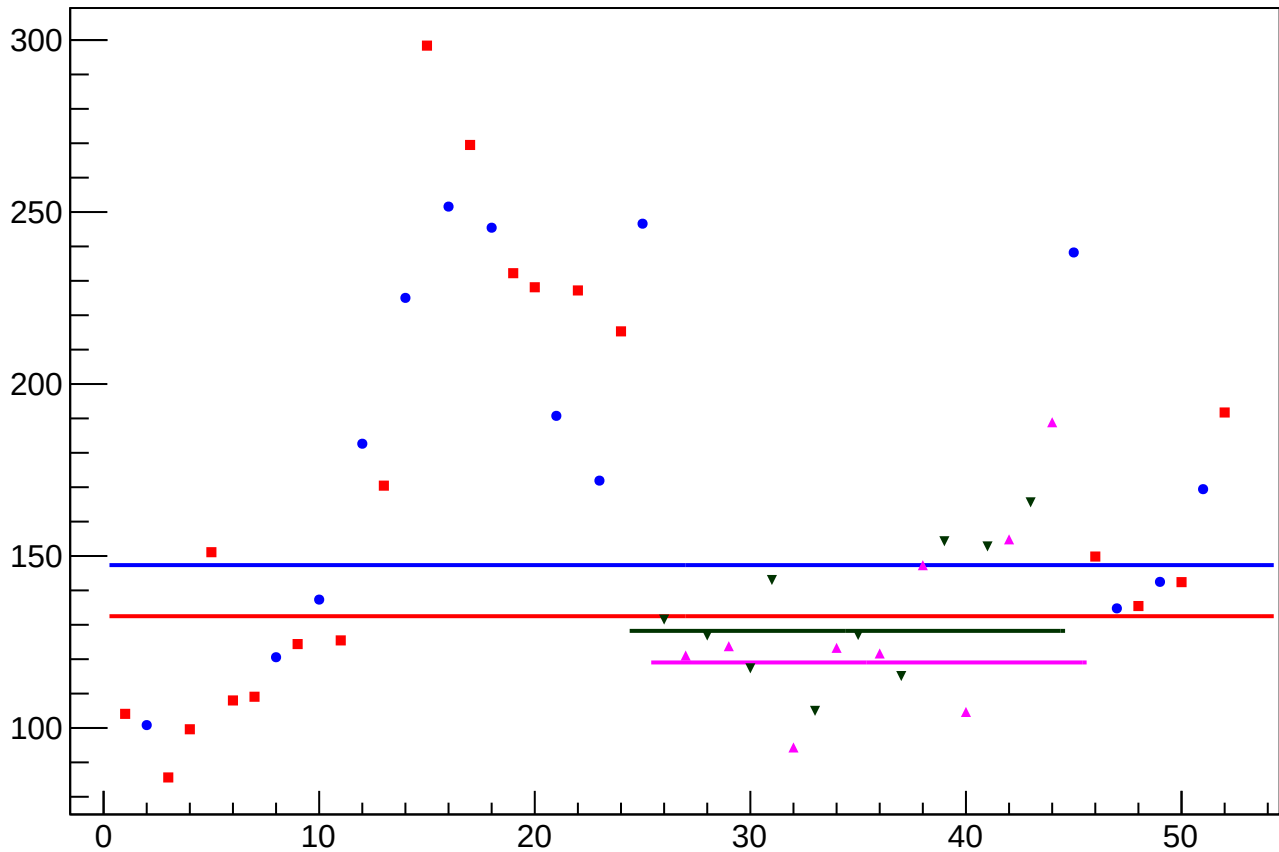
Left Out: 71.515+/-56.917 χ^2/NDF : 5.9/9

-12.110+/-25.624 χ^2/NDF : 30.5/51

Right Out: -120.610+/-46.844 χ^2/NDF : 7.2/18

Left In: 20.882+/-51.456 χ^2/NDF : 1.1/8

asym_bcm_dg_ds_rms vs slug



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

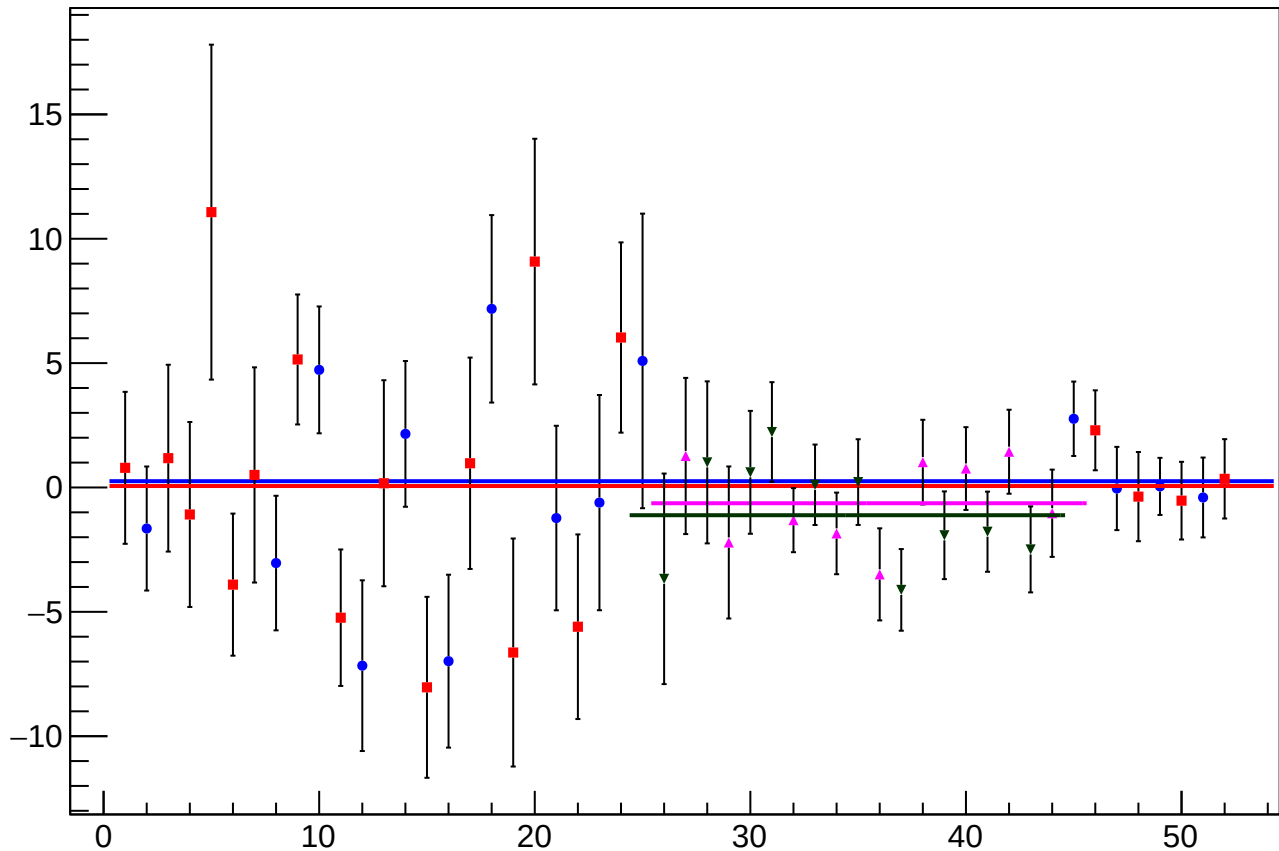
Left Out: 128.233+/-0.040 χ^2/NDF : 186477.9/9

132.015+/-0.018 χ^2/NDF : 4268272.1/51

Right Out: 132.498+/-0.033 χ^2/NDF : 1882209.0/18

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

asym_cav4bQ_mean vs slug



Right In: 0.253 $\pm$ 0.586 χ^2 /NDF: 21.9/13

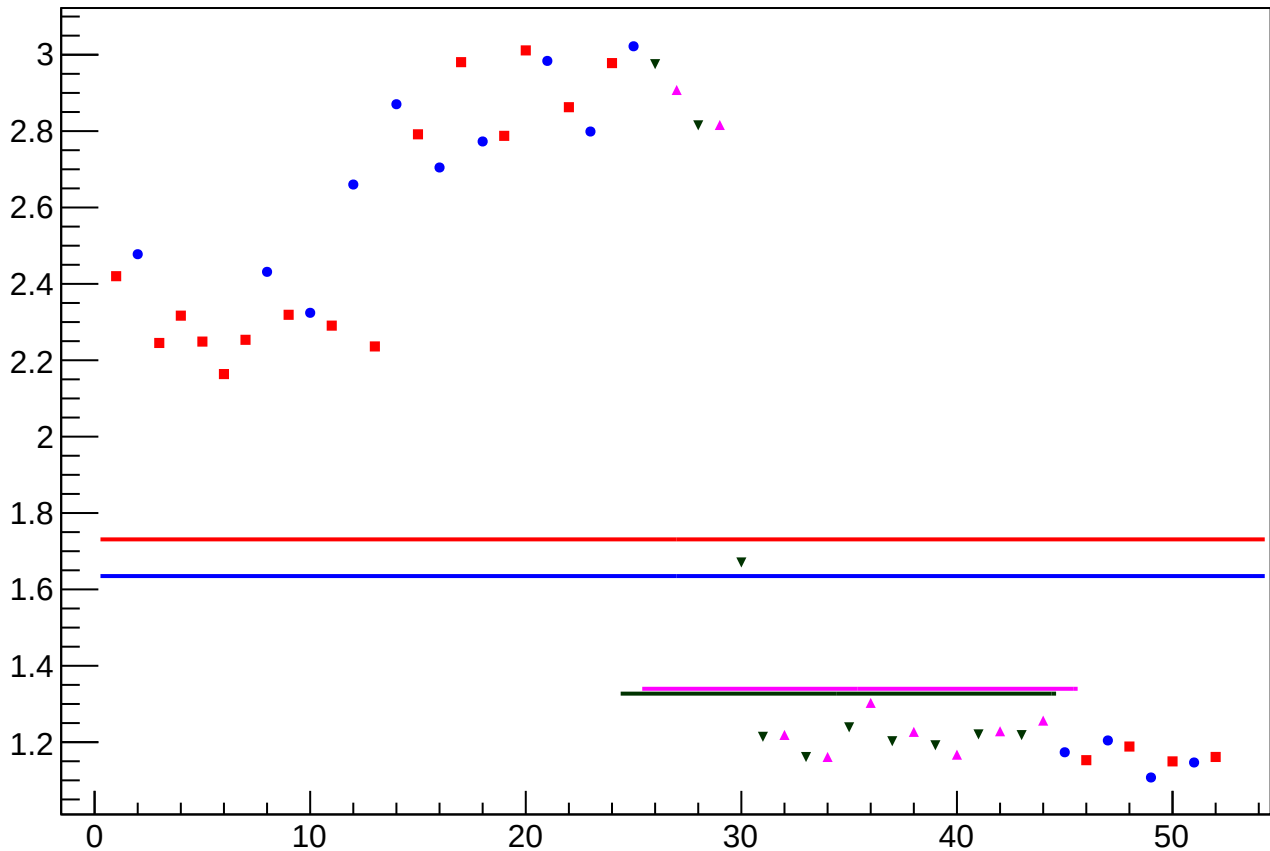
Left Out: -1.116 $\pm$ 0.609 χ^2 /NDF: 9.6/9

Right Out: 0.058 $\pm$ 0.615 χ^2 /NDF: 29.8/18

Left In: -0.634 $\pm$ 0.592 χ^2 /NDF: 7.0/8

-0.354 $\pm$ 0.300 χ^2 /NDF: 71.6/51

asym_cav4bQ_rms vs slug



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

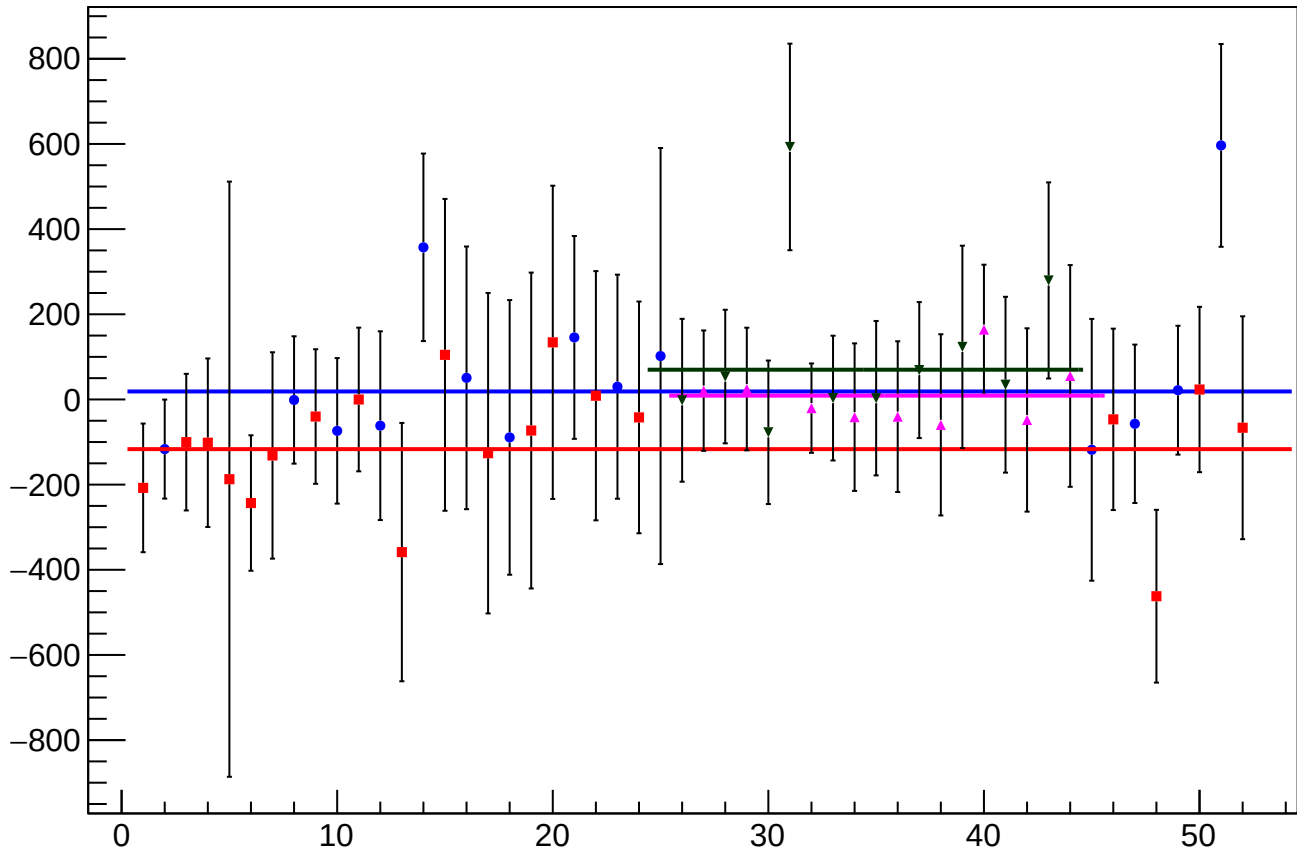
Left Out: 1.327+/-0.000 χ^2/NDF : 831904.3/9

1.507+/-0.000 χ^2/NDF : 7926711.1/51

Right Out: 1.731+/-0.000 χ^2/NDF : 2446059.5/18

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

asym_cav4cQ_mean vs slug



Right In: 18.755 ± 53.366 $\chi^2/\text{NDF}: 10.9/13$

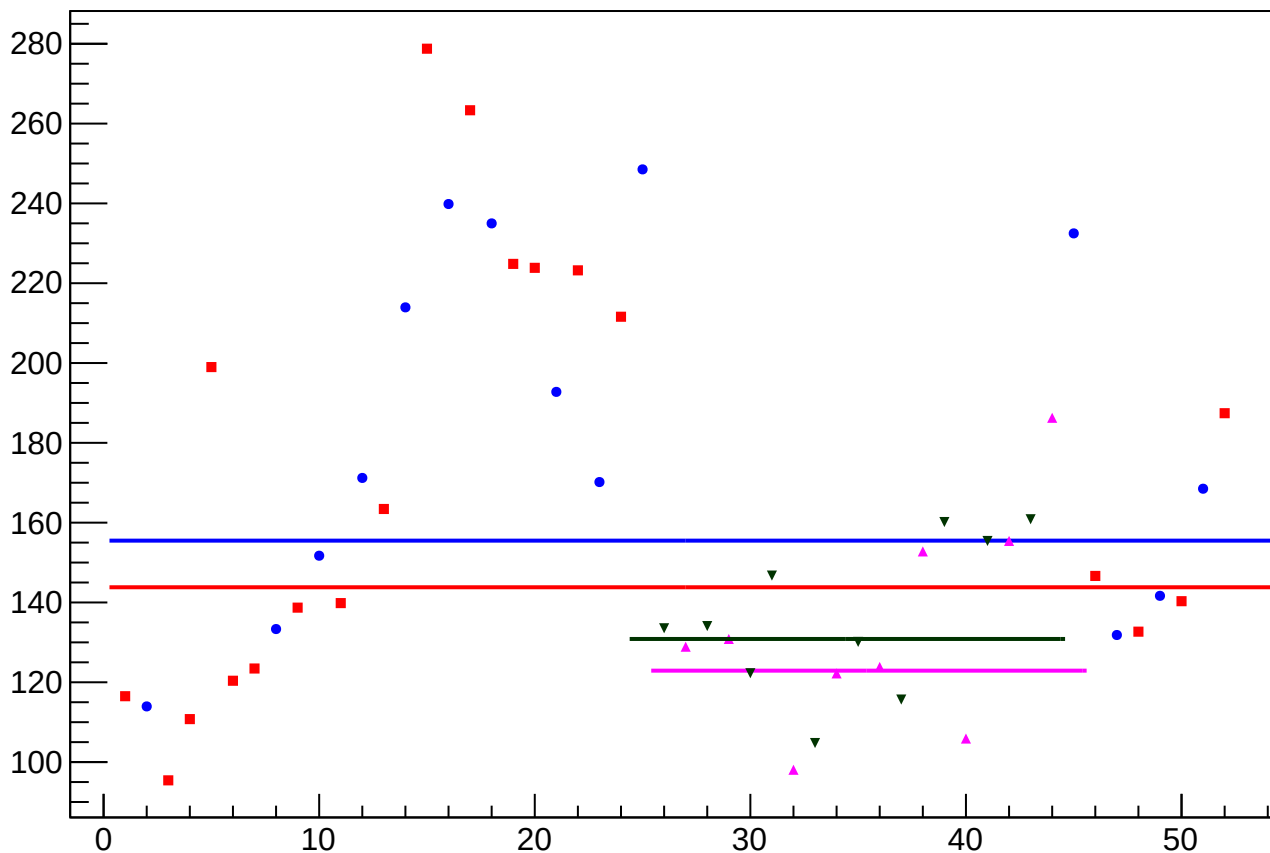
Left Out: 69.857 ± 58.074 $\chi^2/\text{NDF}: 6.8/9$

-11.132 ± 26.744 $\chi^2/\text{NDF}: 33.0/51$

Right Out: -116.682 ± 50.333 $\chi^2/\text{NDF}: 7.0/18$

Left In: 8.979 ± 53.017 $\chi^2/\text{NDF}: 1.5/8$

asym_cav4cQ_rms vs slug



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

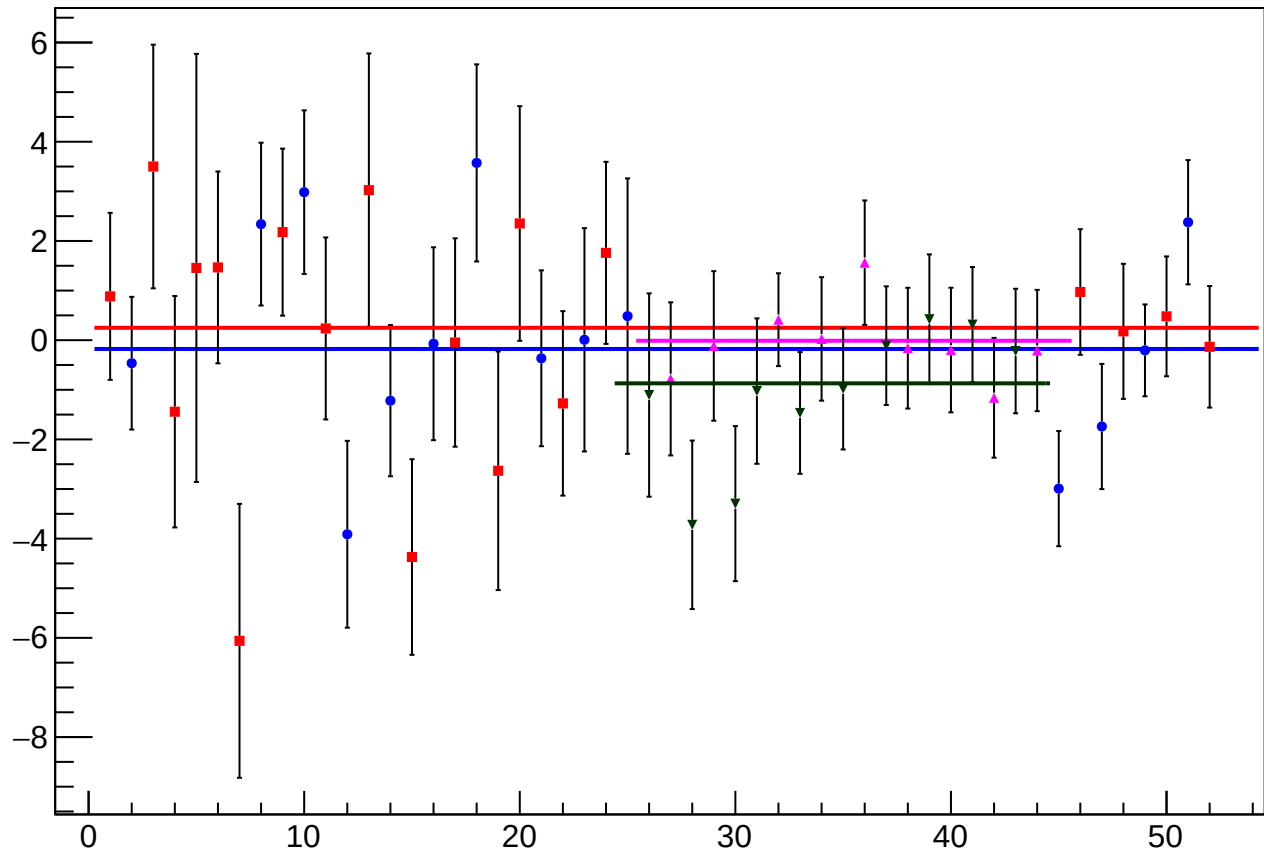
Left Out: 130.853+/-0.041 χ^2/NDF : 189147.6/9

138.679+/-0.019 χ^2/NDF : 3384716.1/51

Right Out: 143.809+/-0.036 χ^2/NDF : 1382271.8/18

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

asym_cav4dQ_mean vs slug



Right In: -0.177 ± 0.397 $\chi^2/\text{NDF}: 25.7/13$

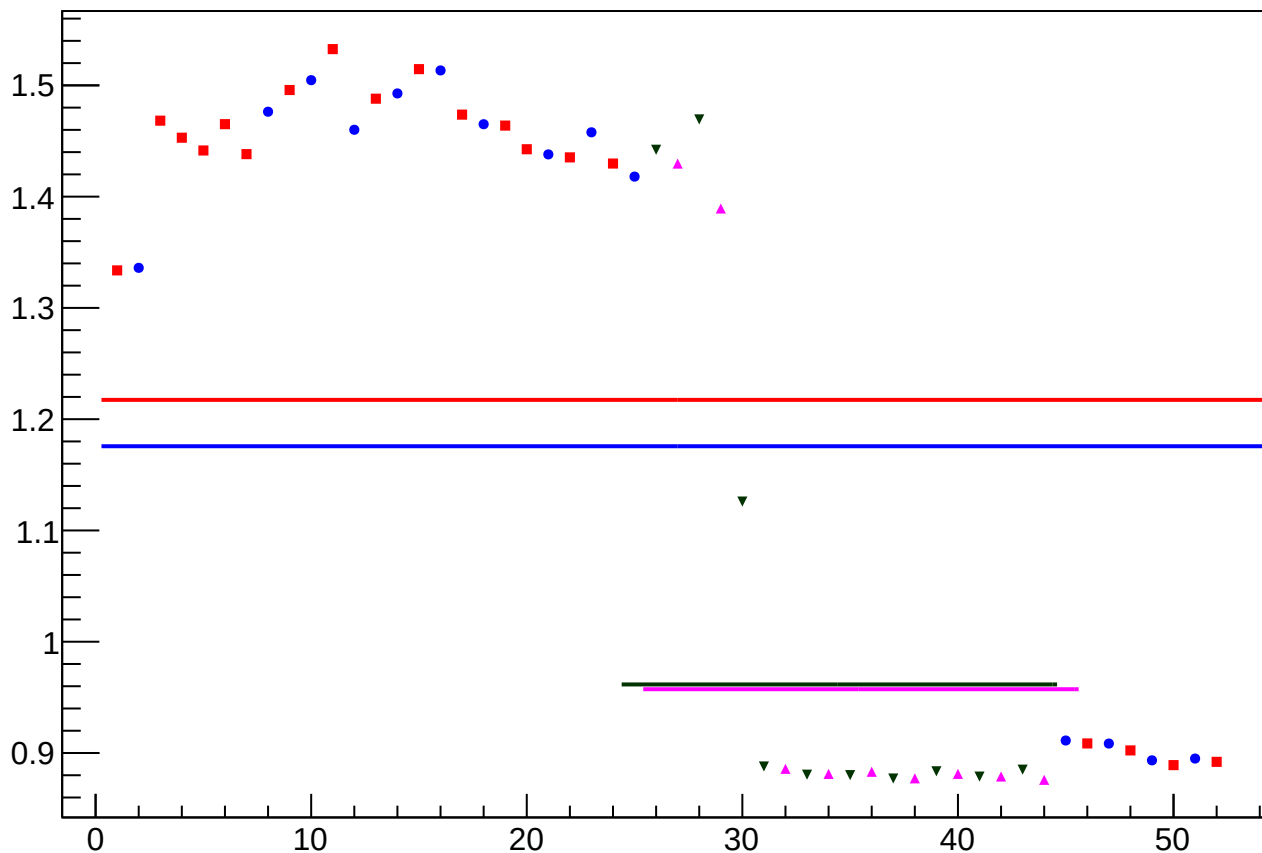
Left Out: -0.870 ± 0.428 $\chi^2/\text{NDF}: 8.2/9$

Right Out: 0.250 ± 0.413 $\chi^2/\text{NDF}: 20.0/18$

Left In: -0.011 ± 0.410 $\chi^2/\text{NDF}: 3.0/8$

-0.189 ± 0.206 $\chi^2/\text{NDF}: 60.7/51$

asym_cav4dQ_rms vs slug



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

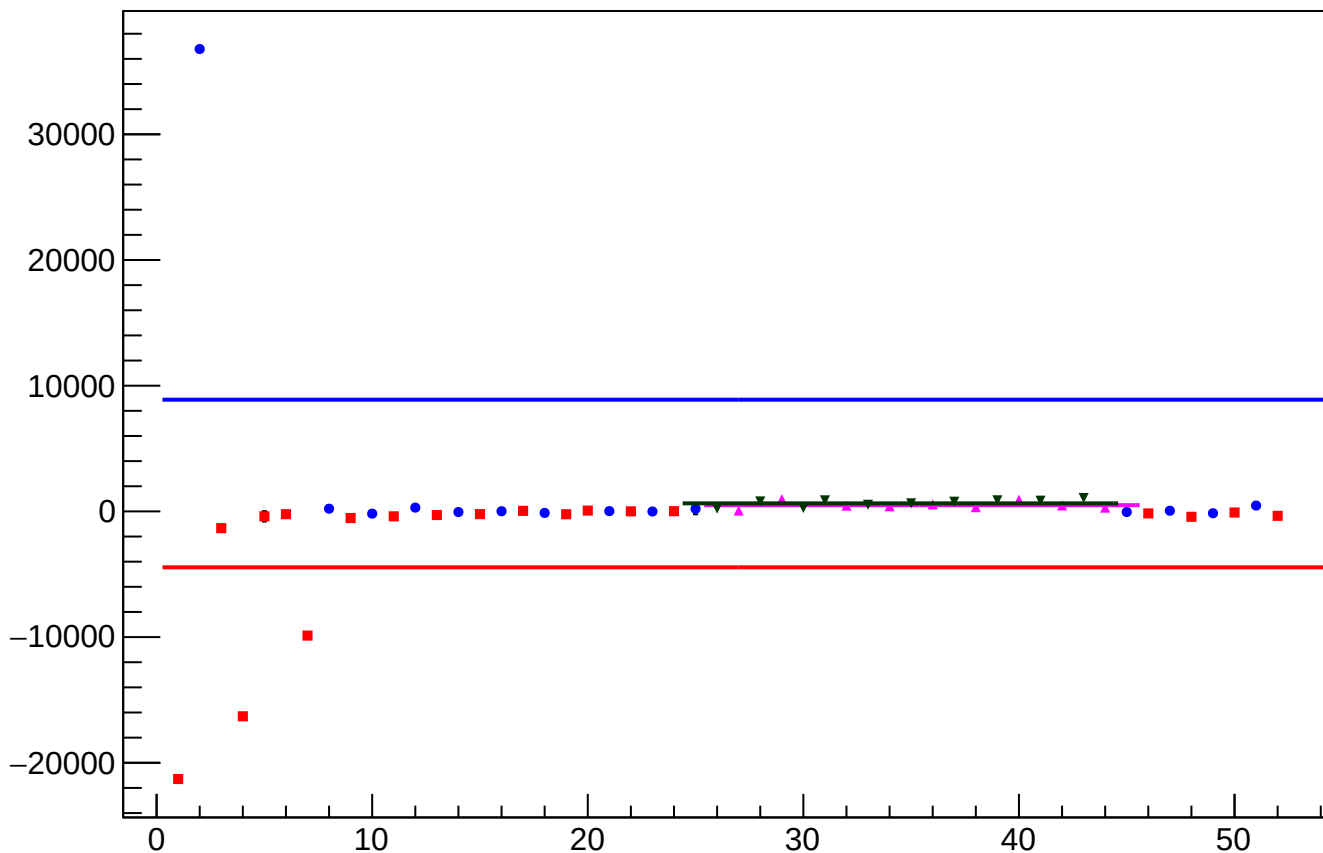
Left Out: 0.962+/-0.000 χ^2/NDF : 368279.6/9

Right Out: 1.217+/-0.000 χ^2/NDF : 918568.6/18

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

1.082+/-0.000 χ^2/NDF : 3348828.8/51

asym_bcm0l02_mean vs slug



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

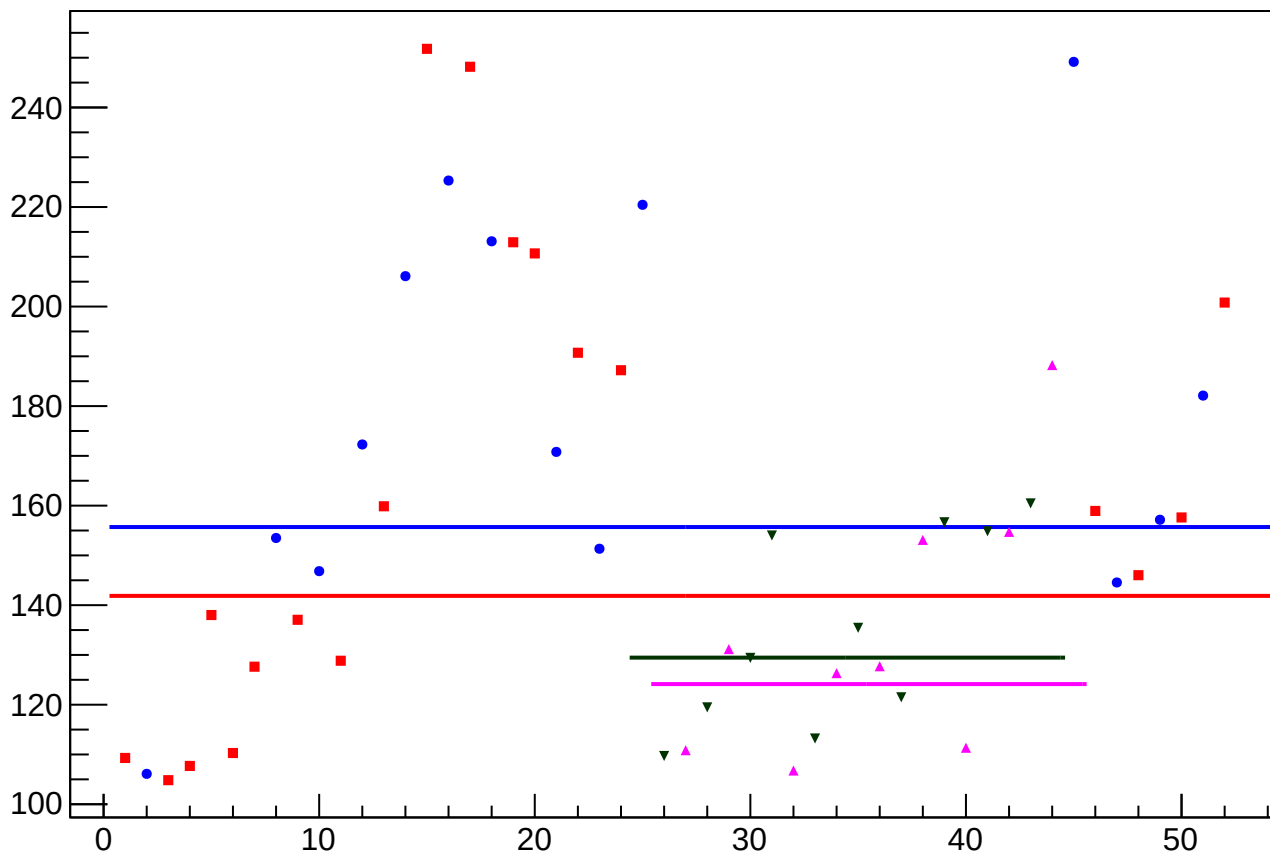
Left Out: 639.239+/-57.504 χ^2/NDF : 20.2/9

Right Out: -4448.325+/-49.255 χ^2/NDF : 24046.7/18

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

1171.067+/-26.550 χ^2/NDF : 145217.8/51

asym_bcm0l02_rms vs slug



Right In: 155.700+/-0.038 χ^2/NDF : 984565.4/13

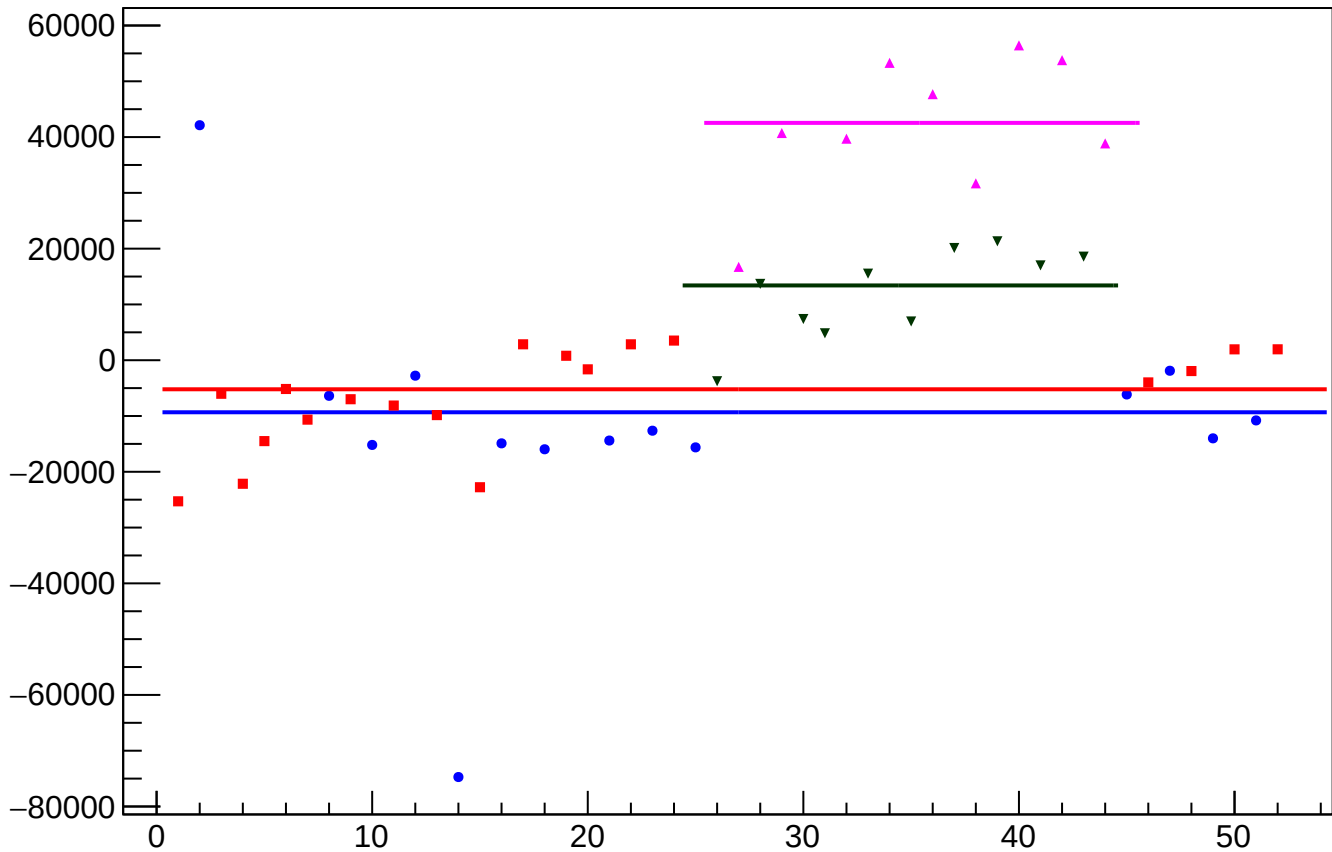
Left Out: 129.459+/-0.041 χ^2/NDF : 182455.9/9

138.253+/-0.019 χ^2/NDF : 3069818.3/51

Right Out: 141.867+/-0.035 χ^2/NDF : 1205399.3/18

Left In: 124.143+/-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

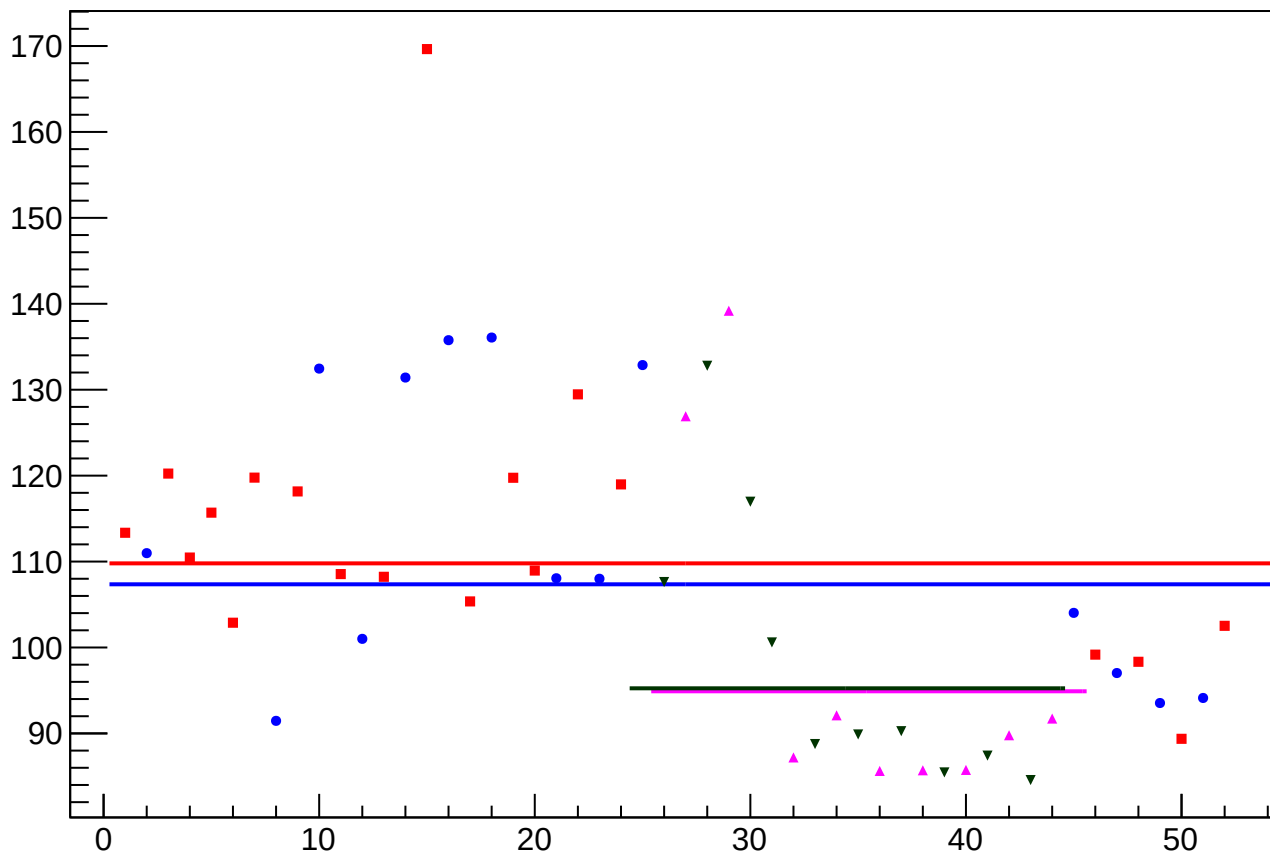
Left Out: 13405.362+/-42.893 χ^2/NDF : 28720.4/9

8259.471+/-19.661 χ^2/NDF : 1655432.5/51

Right Out: -5210.073+/-37.638 χ^2/NDF : 50480.2/18

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

asym_bpm2i01WS_rms vs slug



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

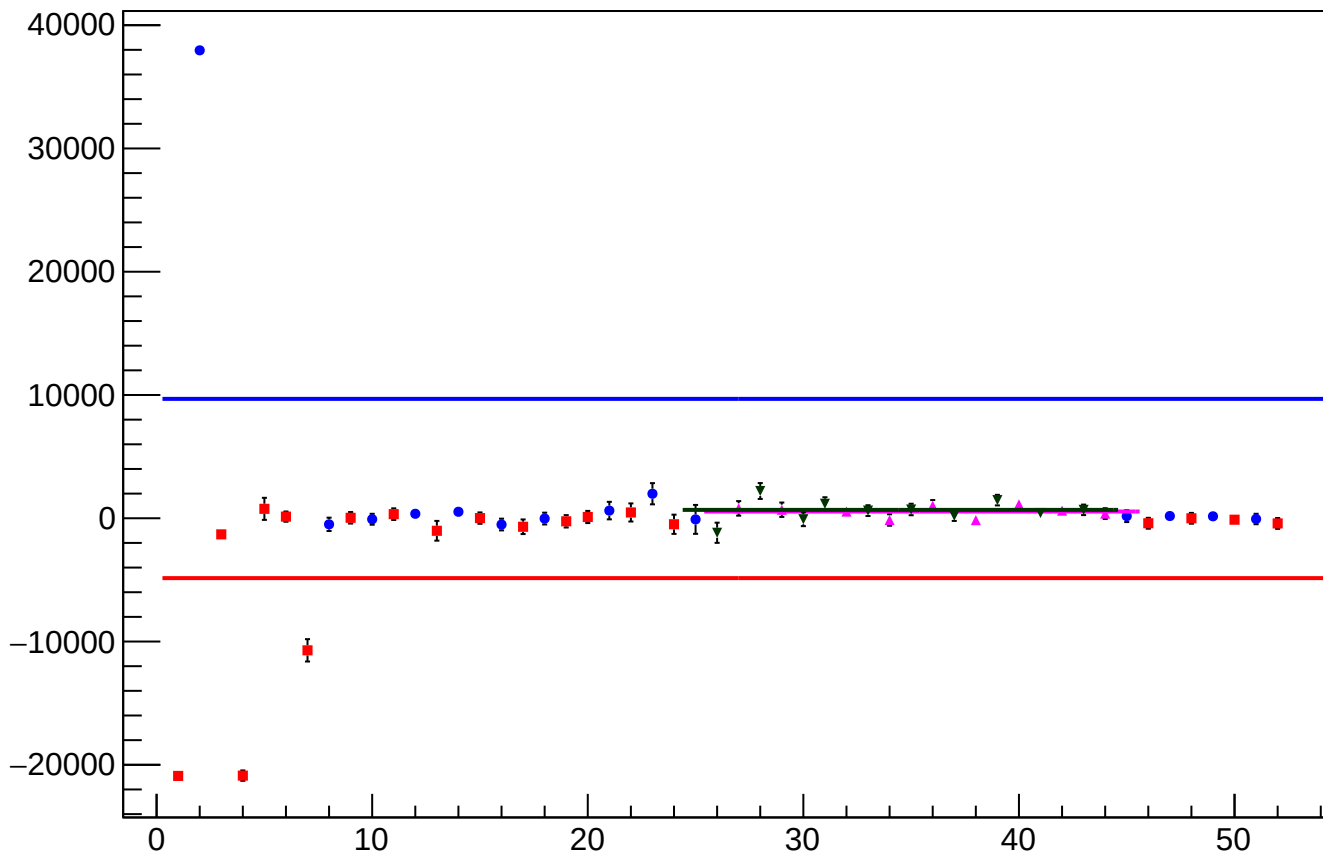
Left Out: 95.249+/-0.030 χ^2/NDF :204901.3/9

102.670+/-0.014 χ^2/NDF : 1387173.6/51

Right Out: 109.791+/-0.027 χ^2/NDF : 277402.9/18

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

asym_bpm0i07WS_mean vs slug



Right In: 9685.641+/-108.421 χ^2 /NDF: 22955.1/13

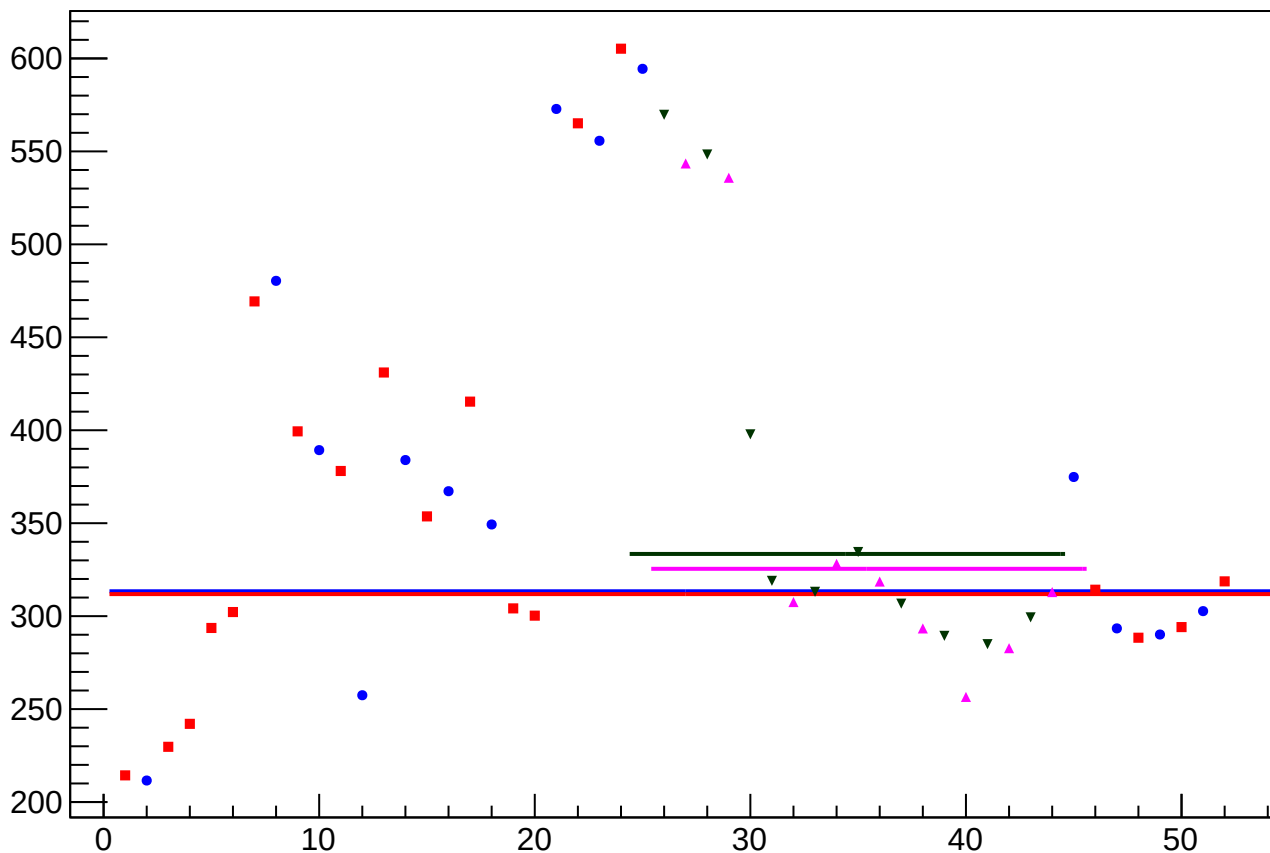
Left Out: 679.433+/-150.483 χ^2 /NDF: 18.7/9

Right Out: -4855.810+/-108.618 χ^2 /NDF: 6192.4/18

Left In: 547.386+/-141.487 χ^2 /NDF: 9.2/8

1779.605+/-61.552 χ^2 /NDF: 38353.9/51

asym_bpm0i07WS_rms vs slug



Right In: 313.382 $\pm$ 0.077 χ^2/NDF : 1442018.7/13

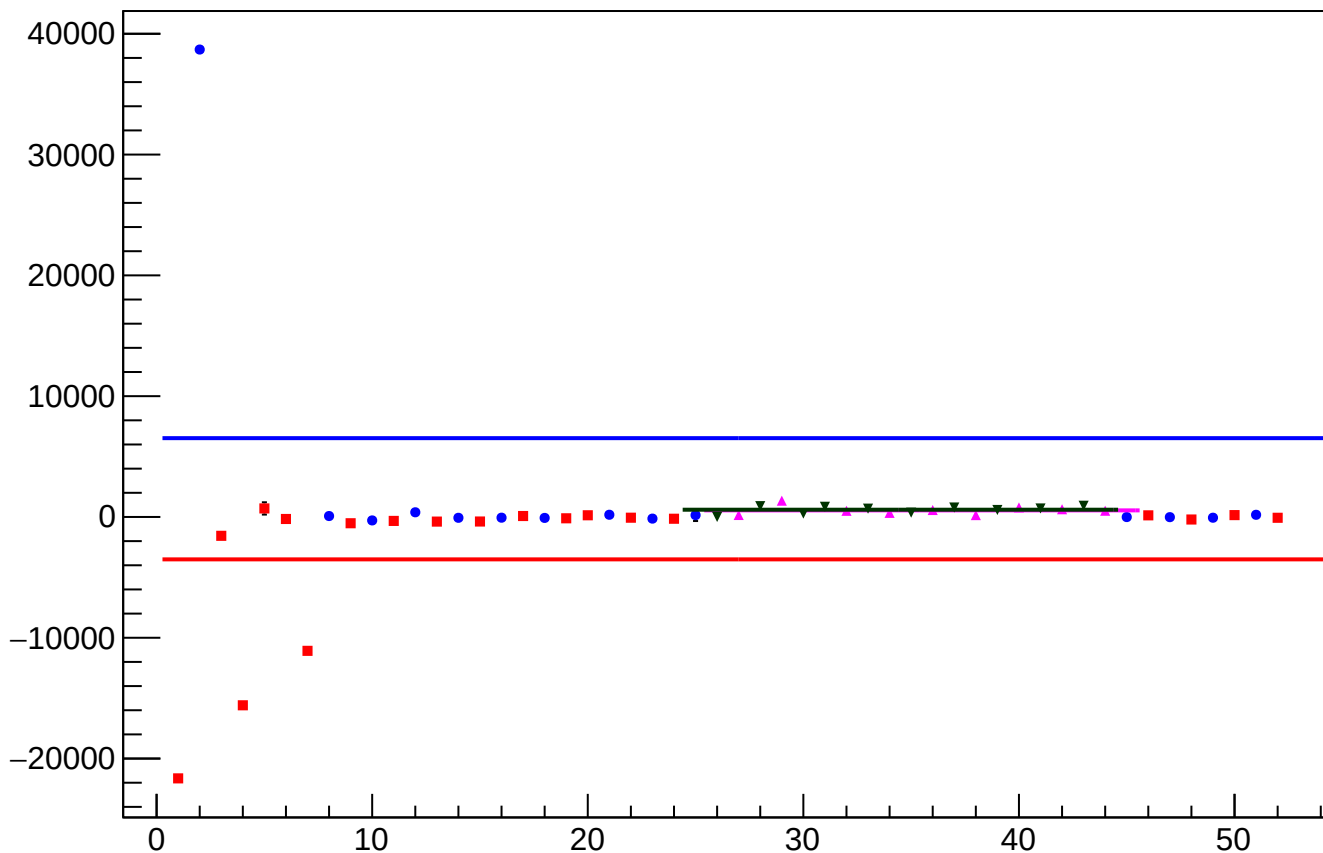
Left Out: 333.460 $\pm$ 0.106 χ^2/NDF : 496634.9/9

318.538 $\pm$ 0.044 χ^2/NDF : 3835195.8/51

Right Out: 311.859 $\pm$ 0.077 χ^2/NDF : 1212778.7/18

Left In: 325.461 $\pm$ 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

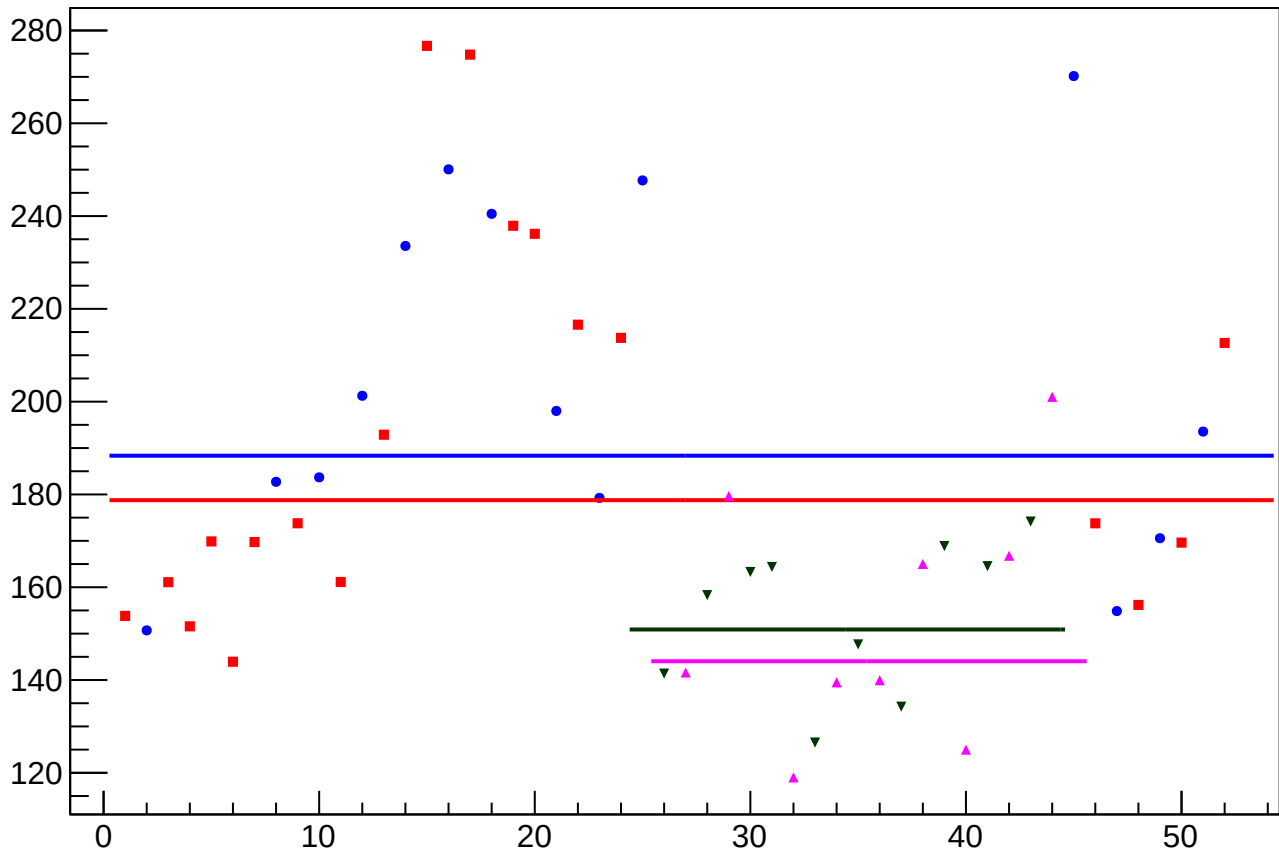
Left Out: 599.867+/-66.829 χ^2/NDF : 18.7/9

Right Out: -3510.435+/-60.926 χ^2/NDF : 13455.1/18

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

942.857+/-31.571 χ^2/NDF : 78545.0/51

asym_bpm0l01WS_rms vs slug



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

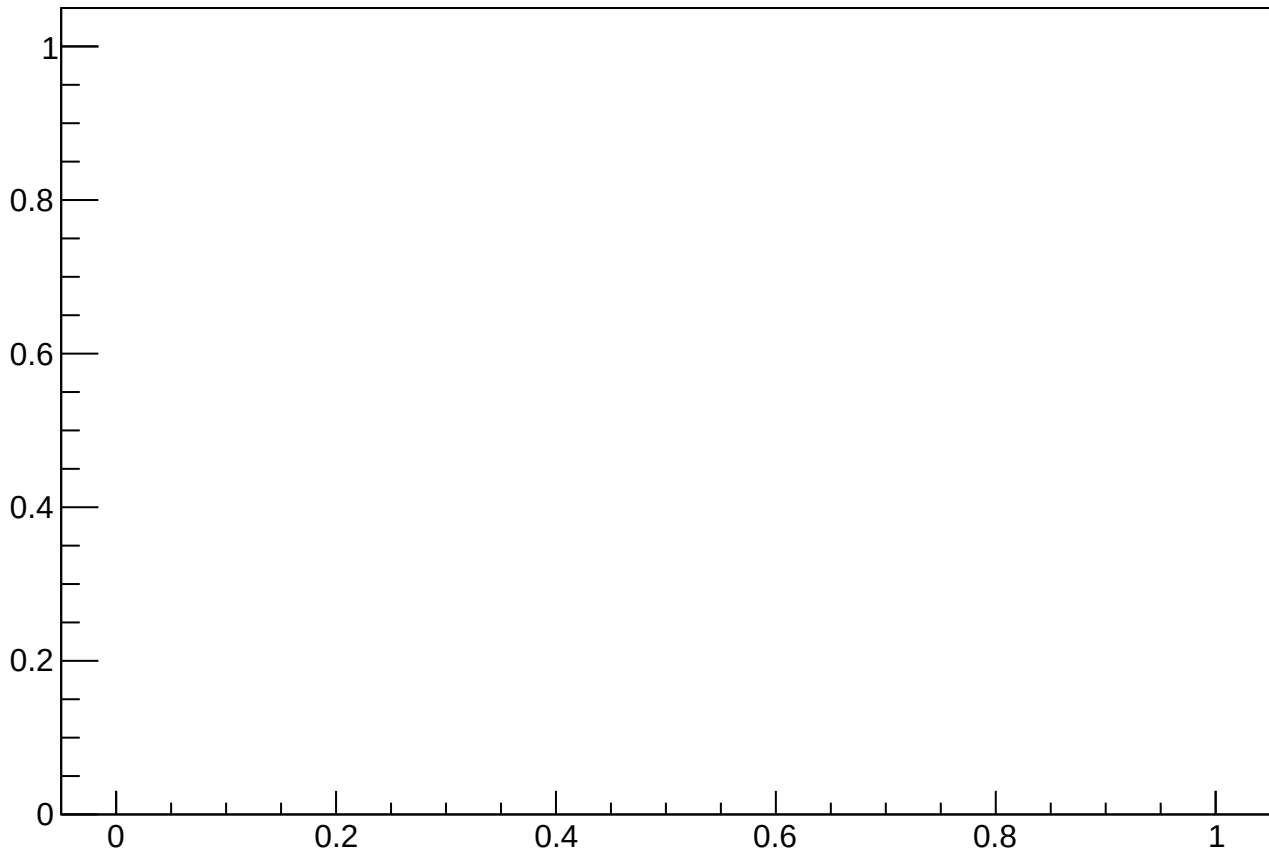
Left Out: 150.893 $\pm$ 0.047 χ^2 /NDF: 108919.3/9

165.823 $\pm$ 0.022 χ^2 /NDF: 2237891.5/51

Right Out: 178.765 $\pm$ 0.043 χ^2 /NDF: 621146.0/18

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

bcm_an_us_ds_avg_mean vs slug



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

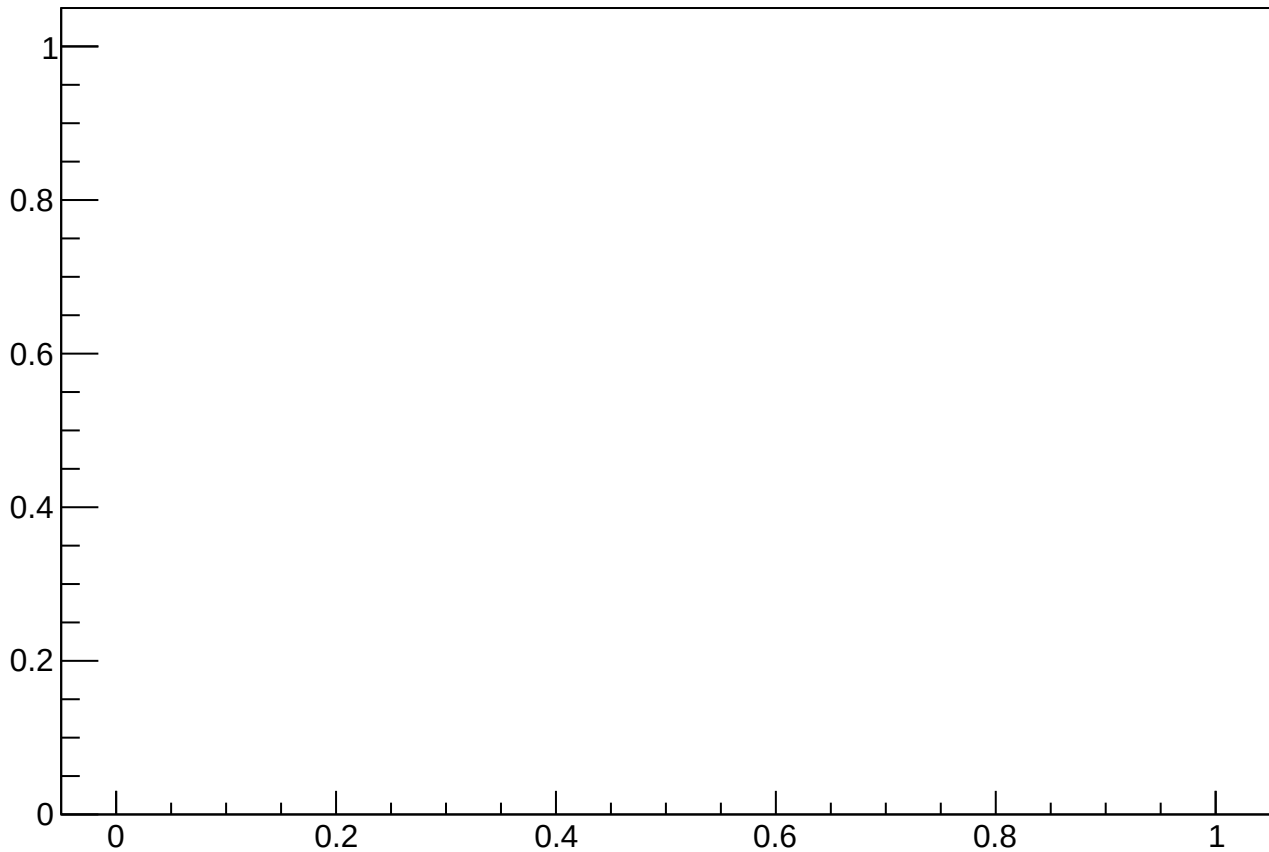
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

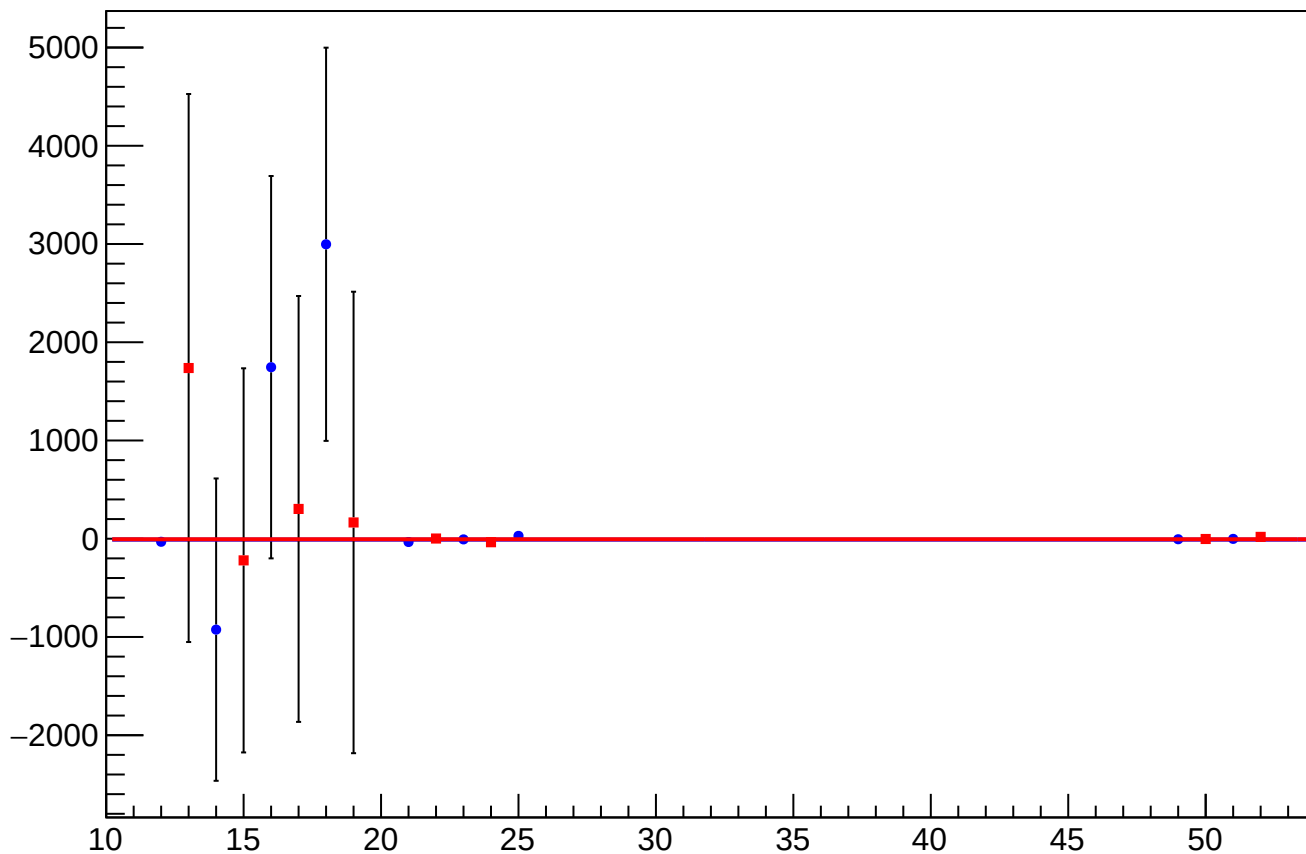
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

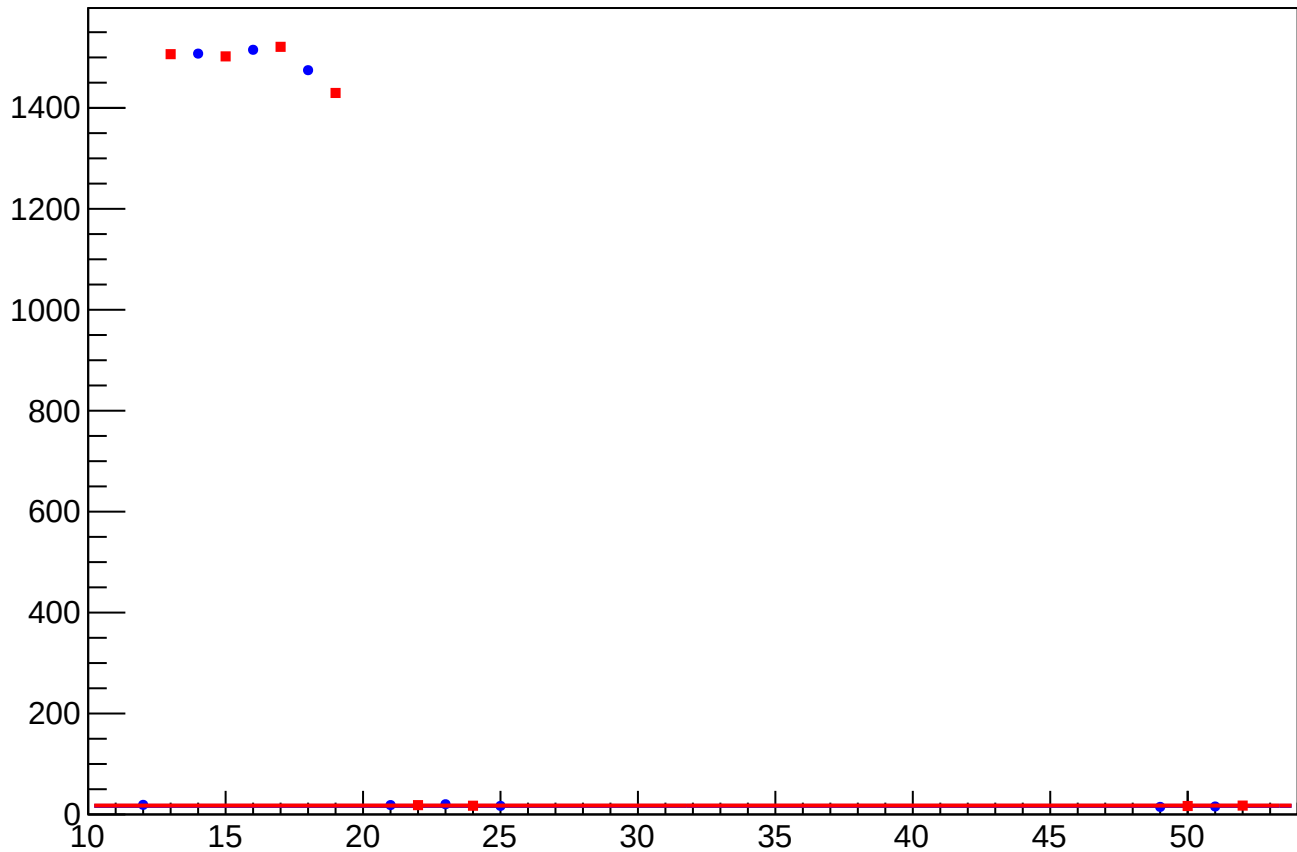
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.476+/-11.814 χ^2 /NDF: 3.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-7.763+/-7.494 χ^2 /NDF: 9.8/16

bcm_an_us_ds_dd_rms vs slug



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

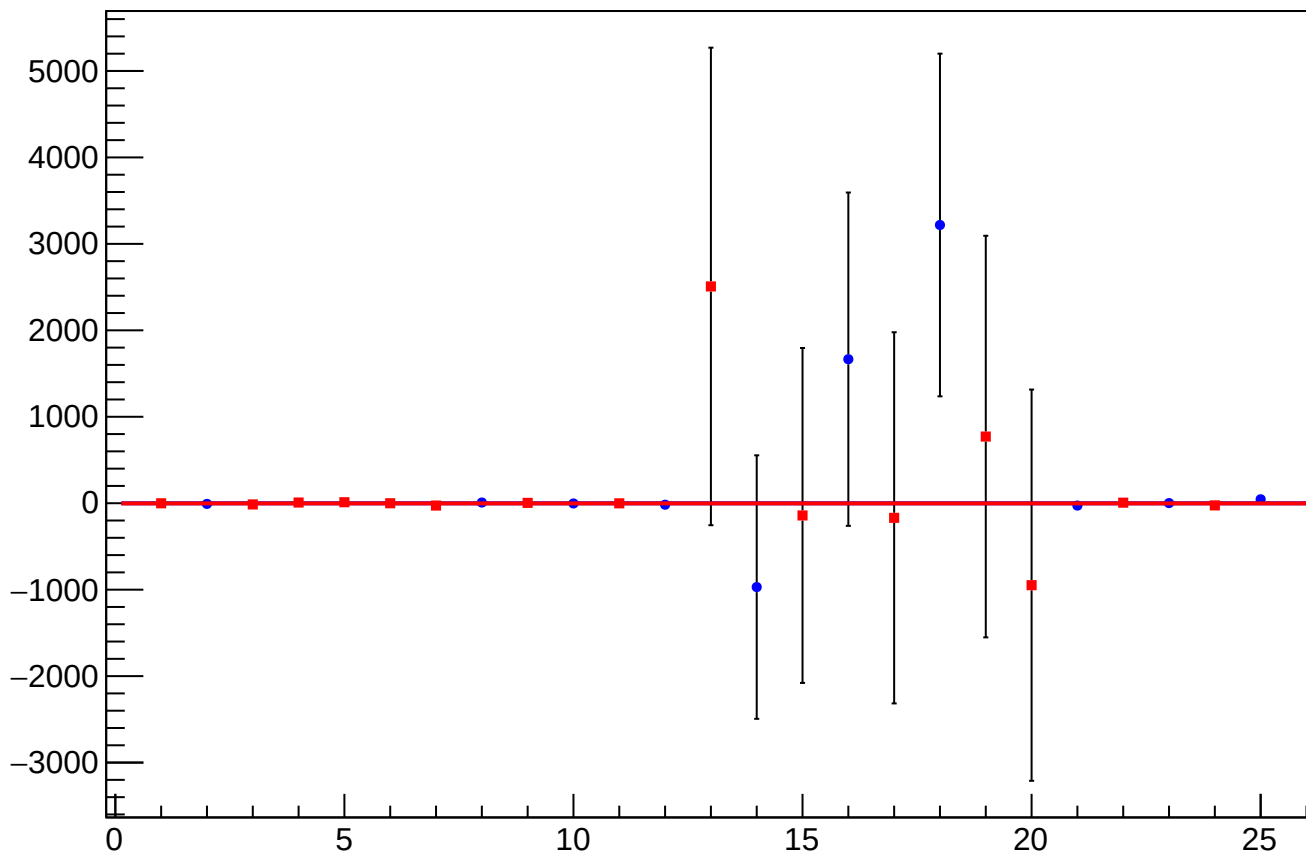
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.223+/-0.005 χ^2/NDF : 7617758.4/16

Right Out: 17.645+/-0.008 χ^2/NDF : 3413533.6/7

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

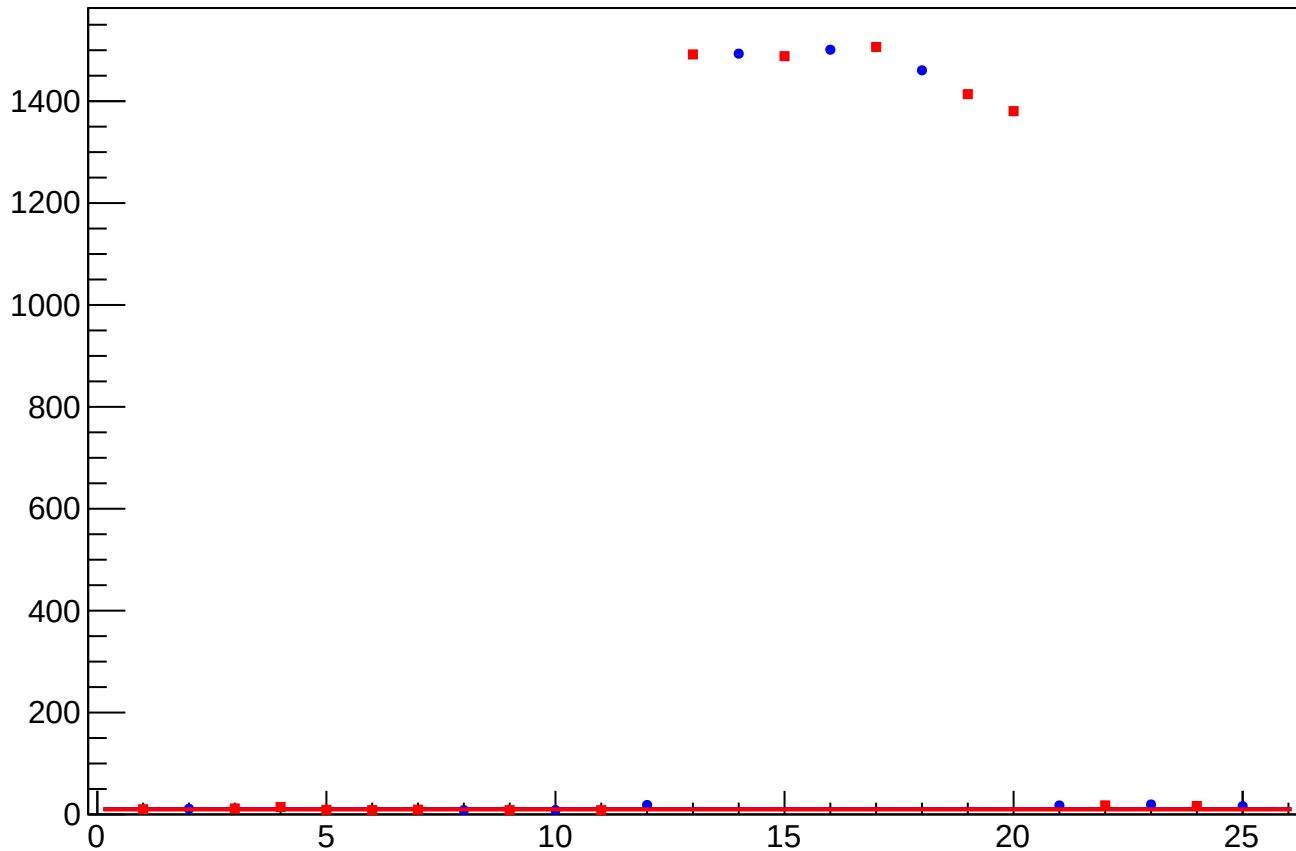
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

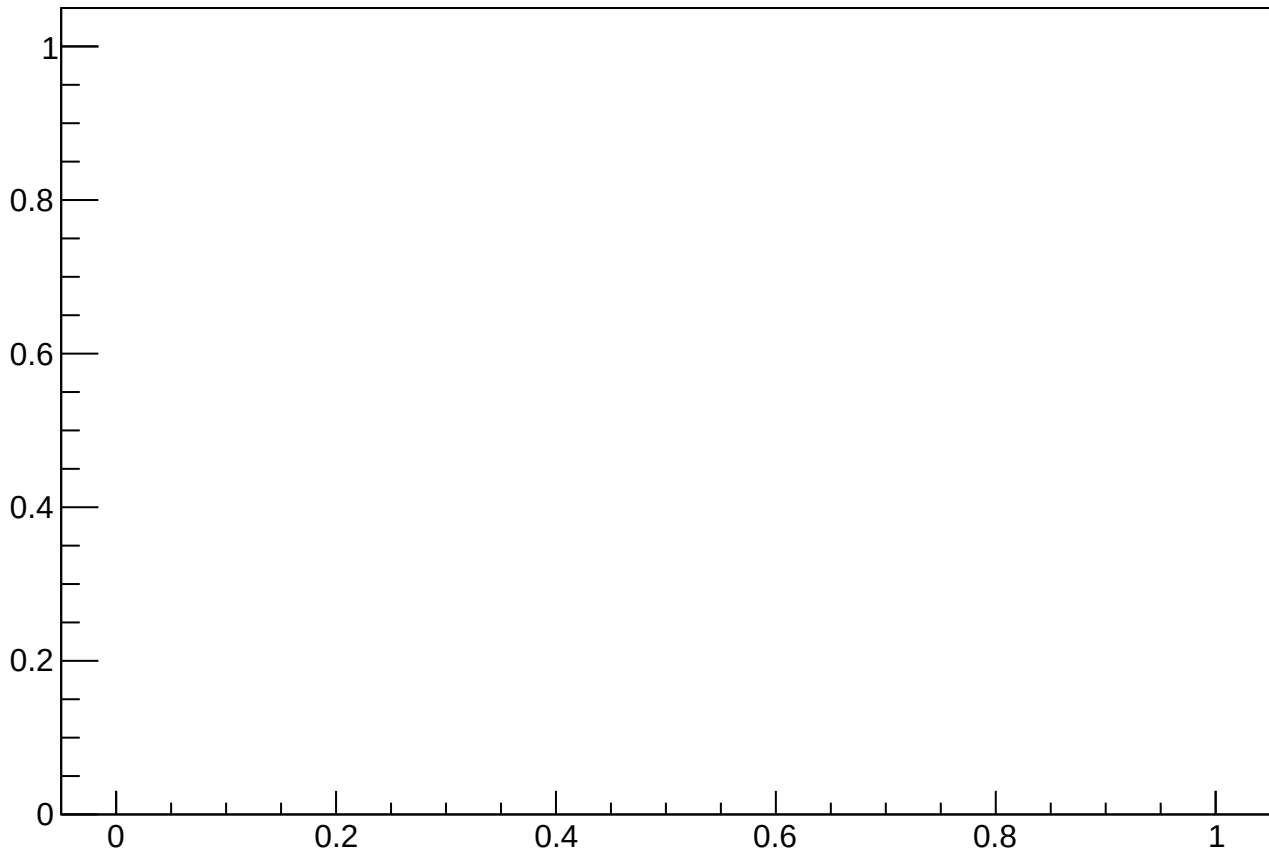
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_mean vs slug



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

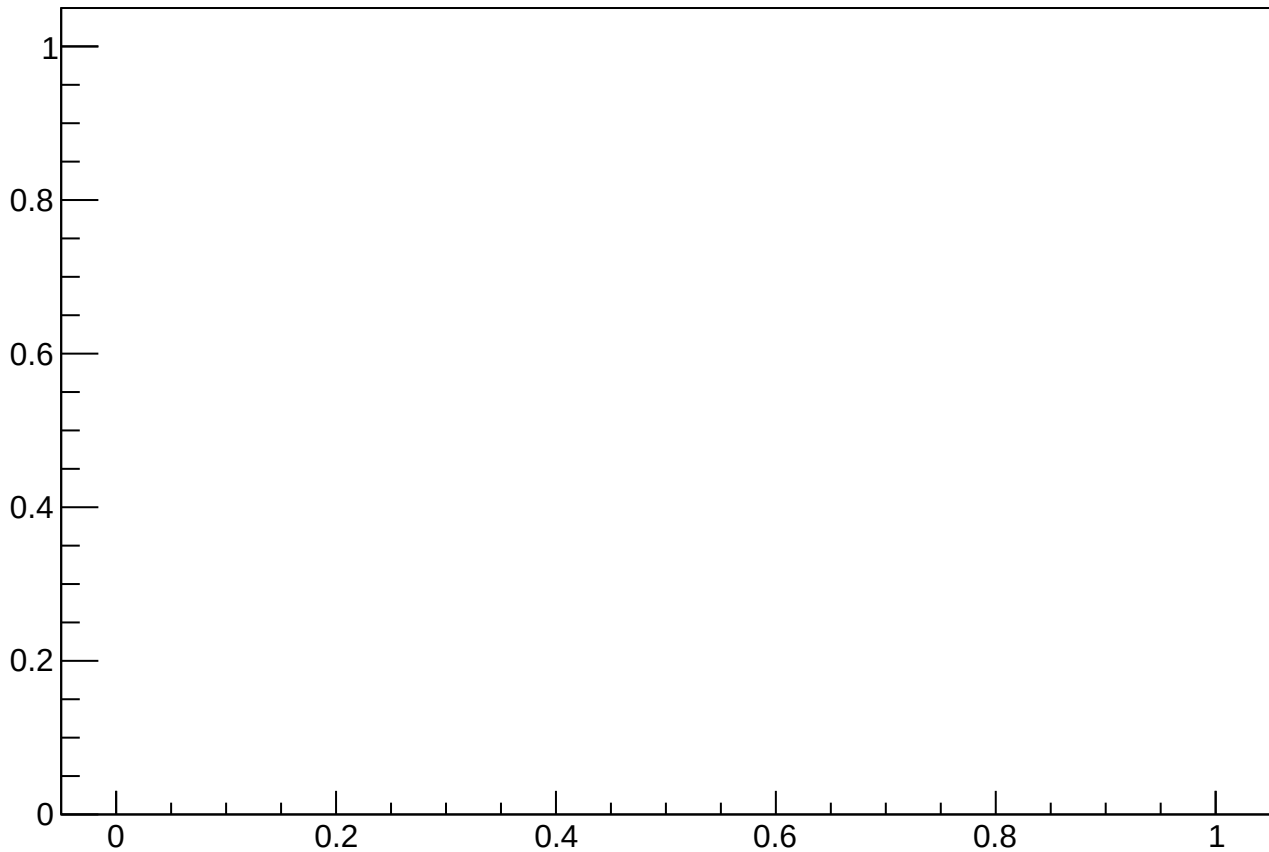
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_us_ds_avg_rms vs slug



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

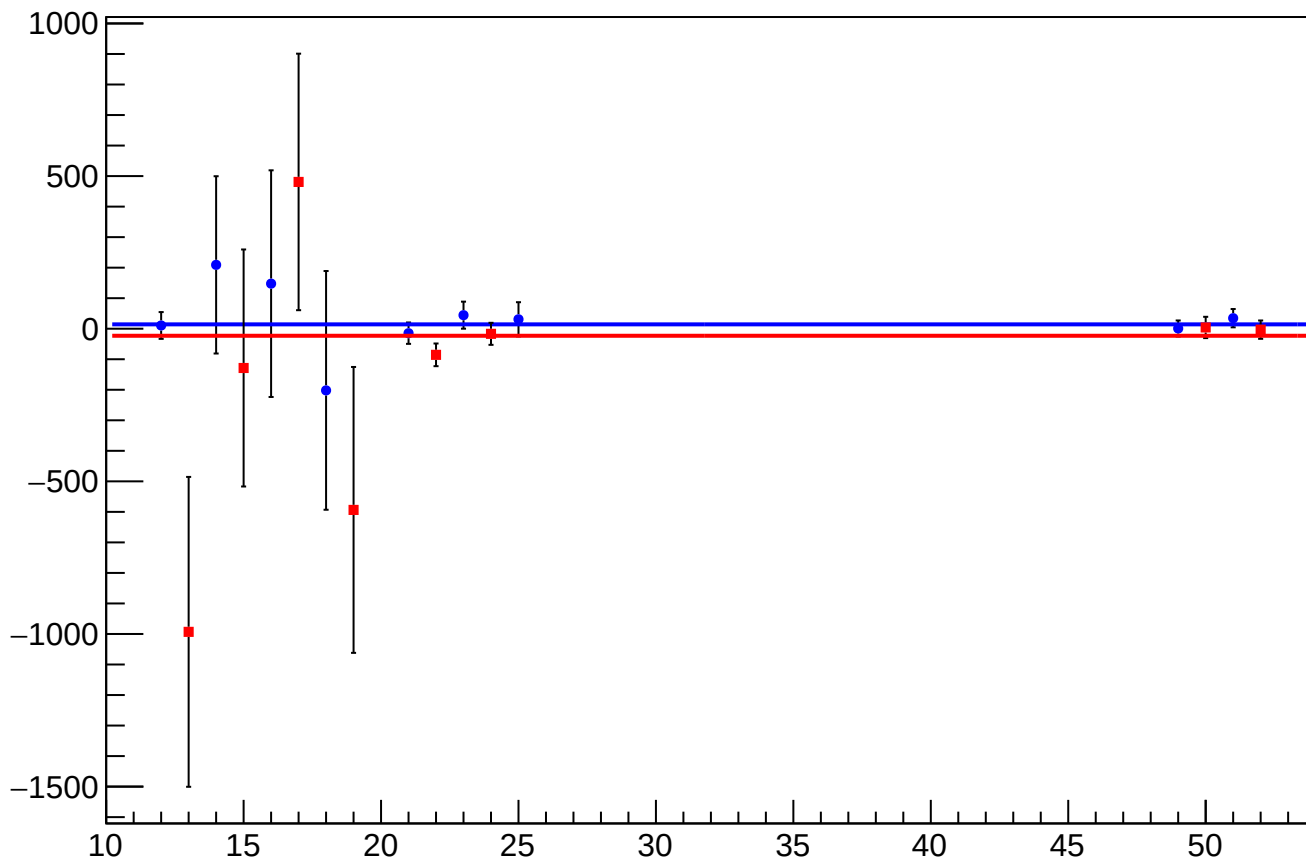
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

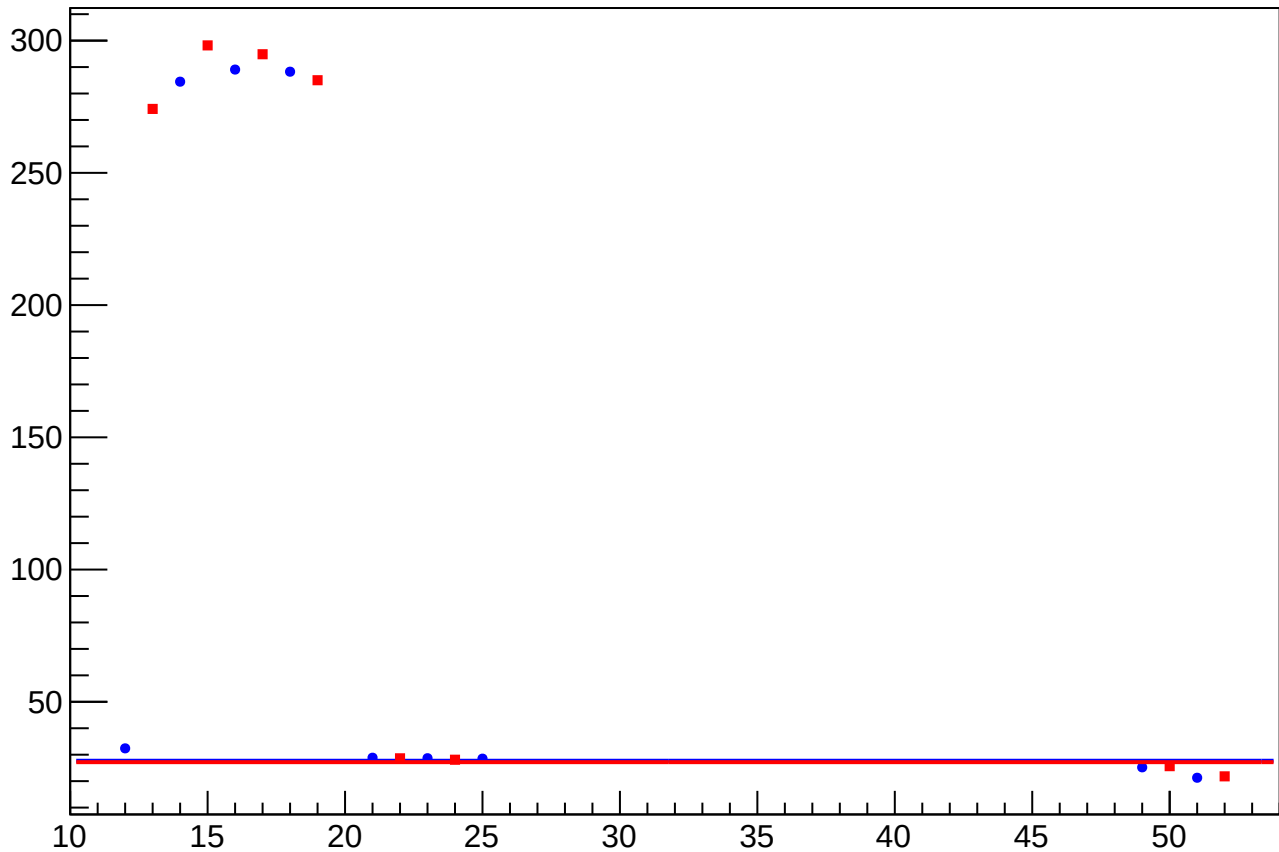
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.084+/-17.034 χ^2/NDF : 10.6/7

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

-1.411+/-11.037 χ^2/NDF : 16.2/16

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

27.485+/-0.008 χ^2 /NDF: 6518565.8/16

Right Out: 27.180+/-0.012 χ^2 /NDF: 2938468.4/7

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

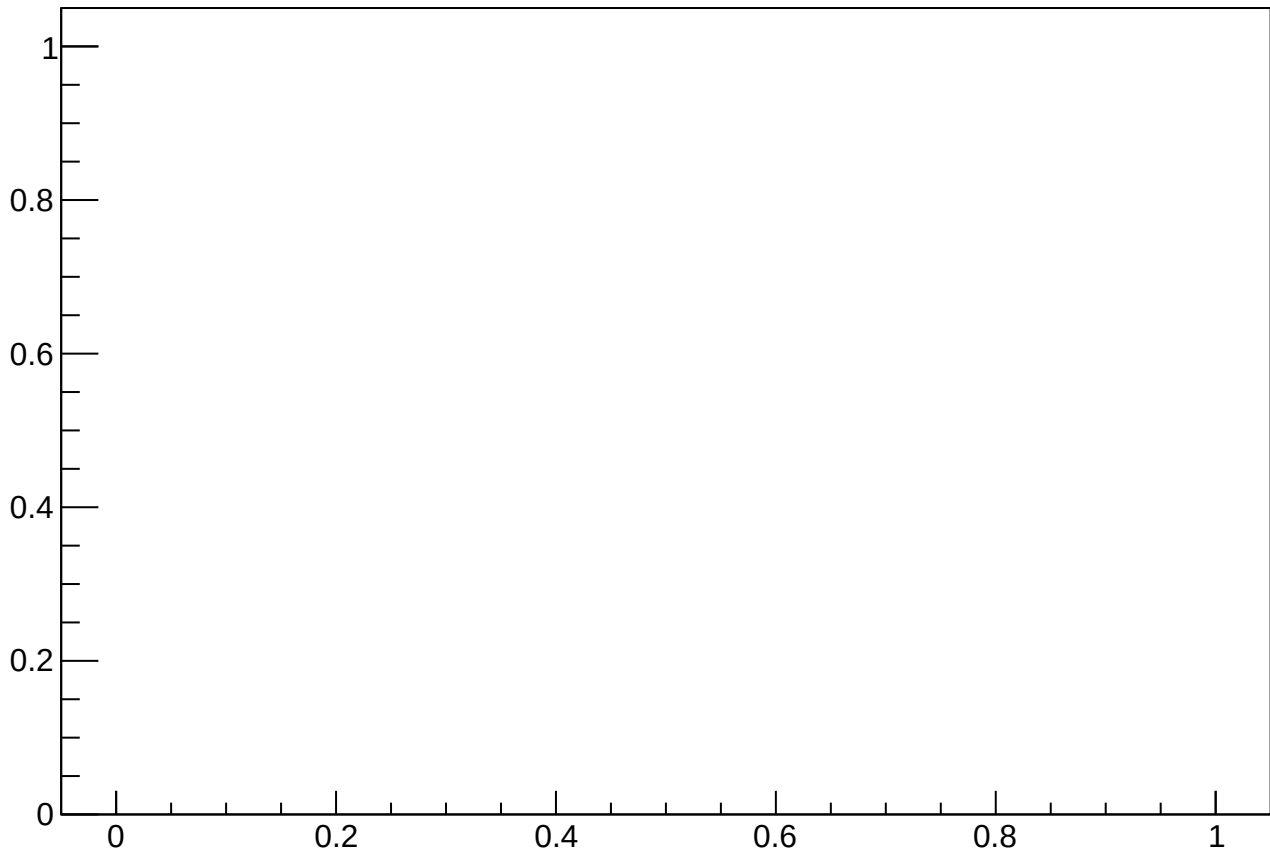
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

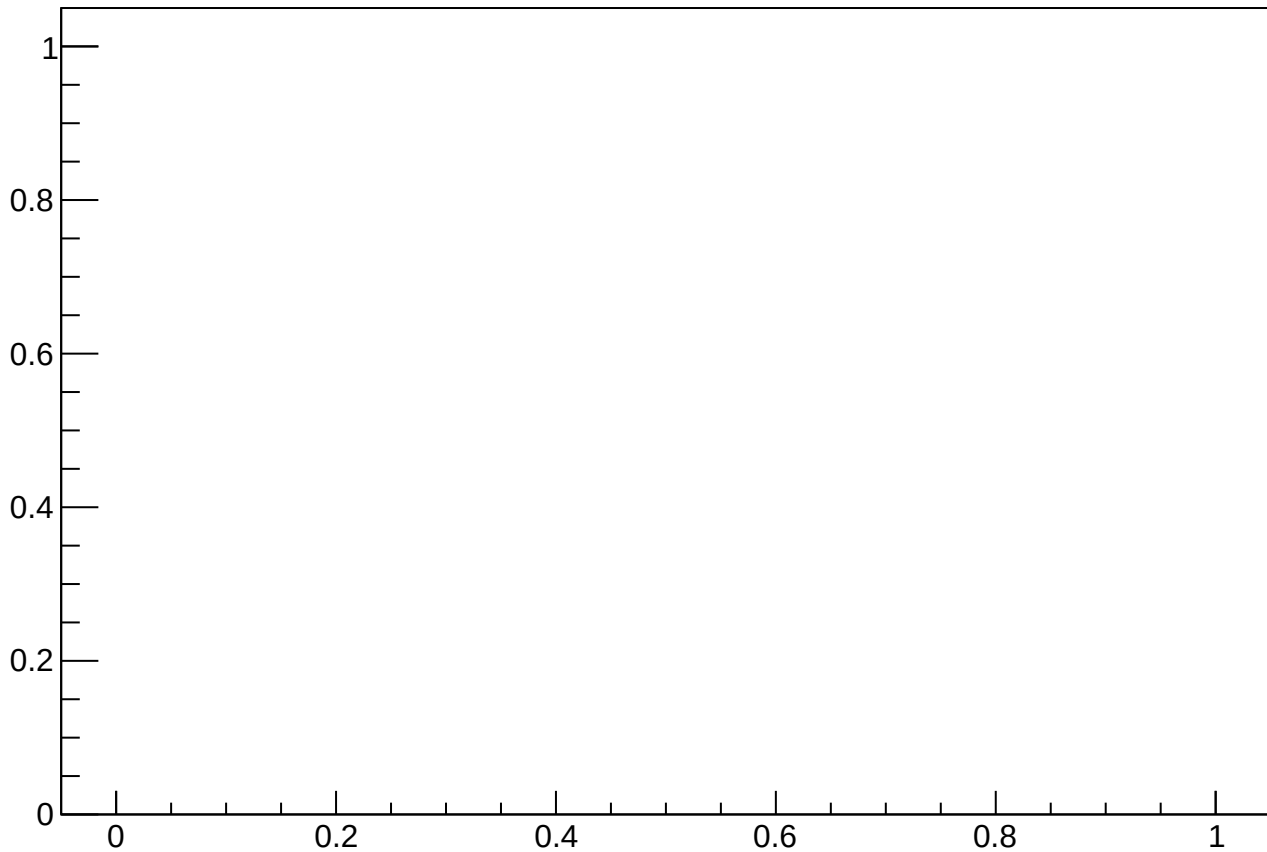
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

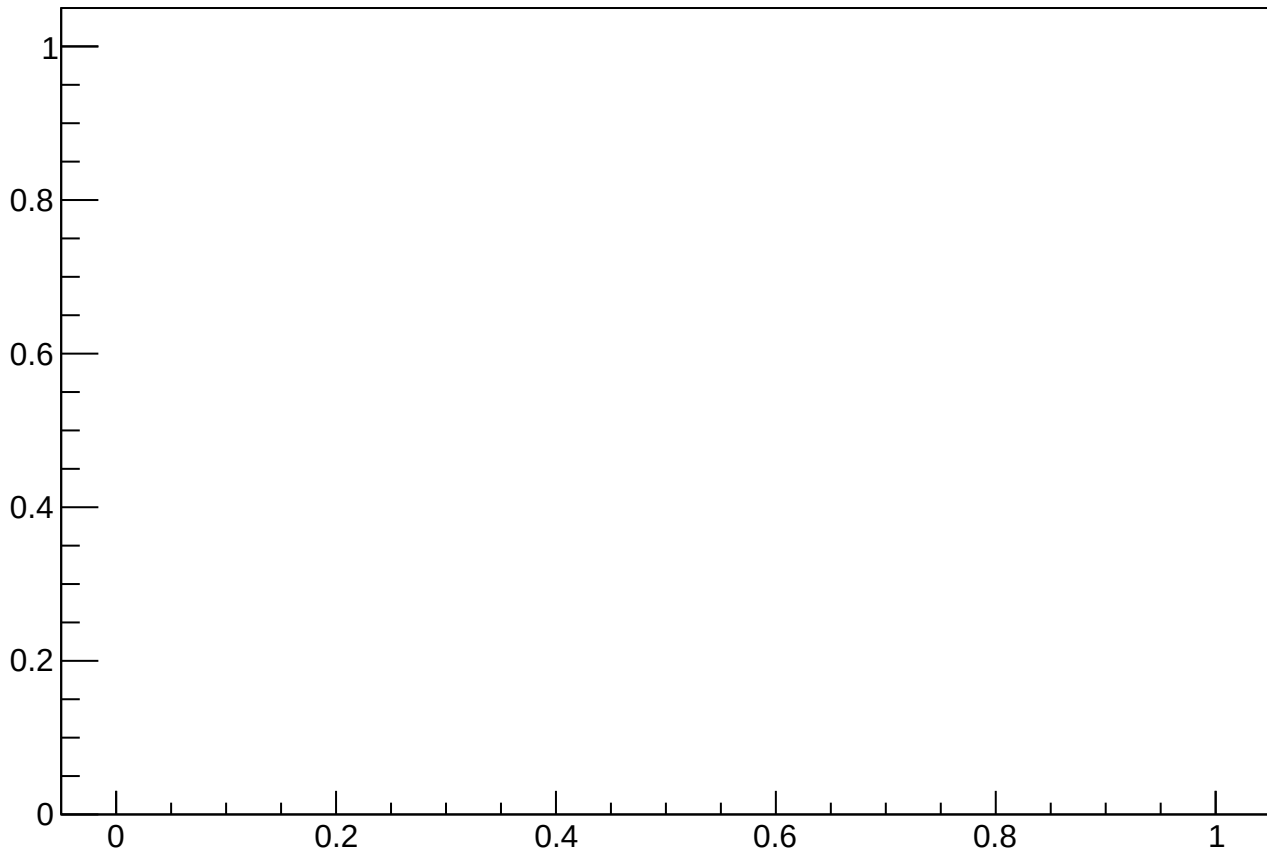
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_ds_avg_rms vs slug



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

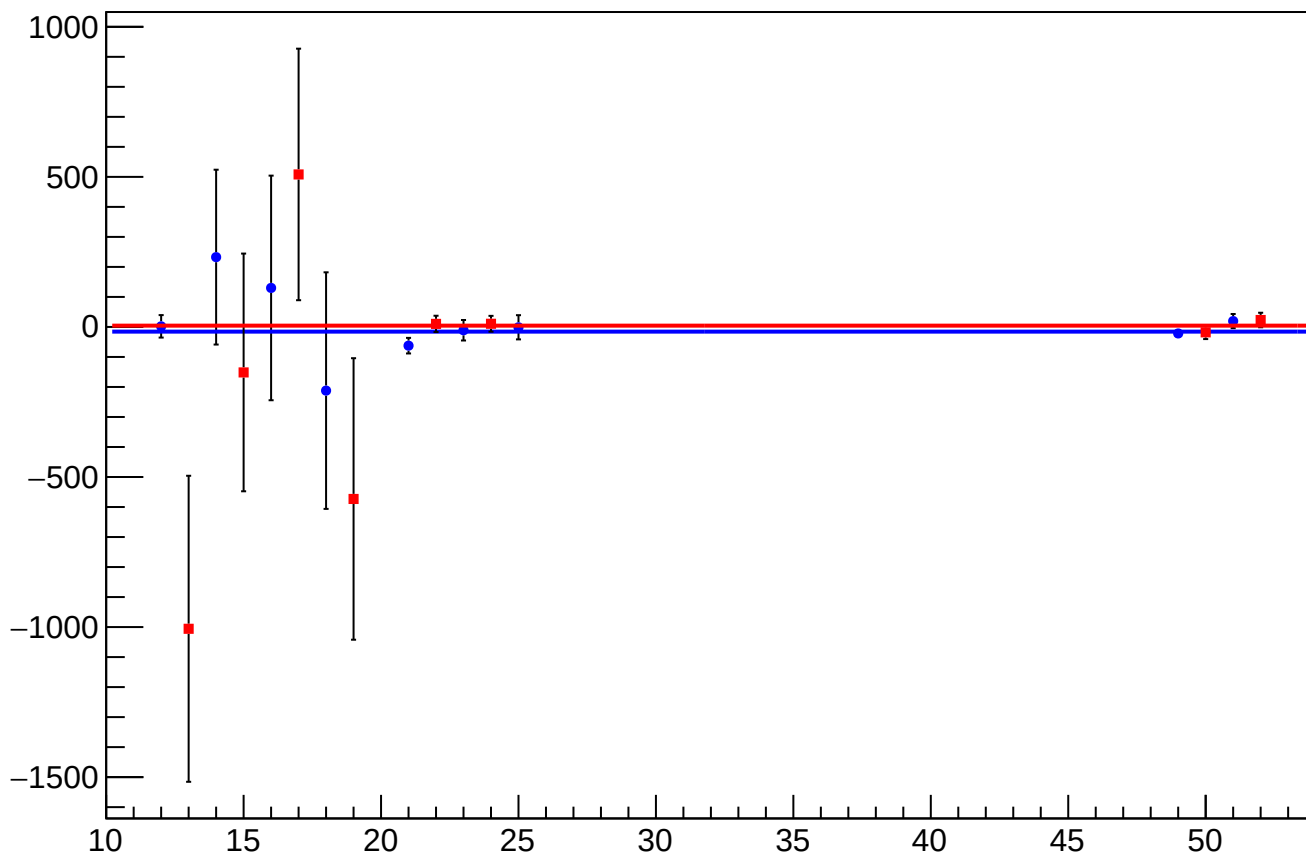
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 ± 10.511 χ^2/NDF : 7.1/8

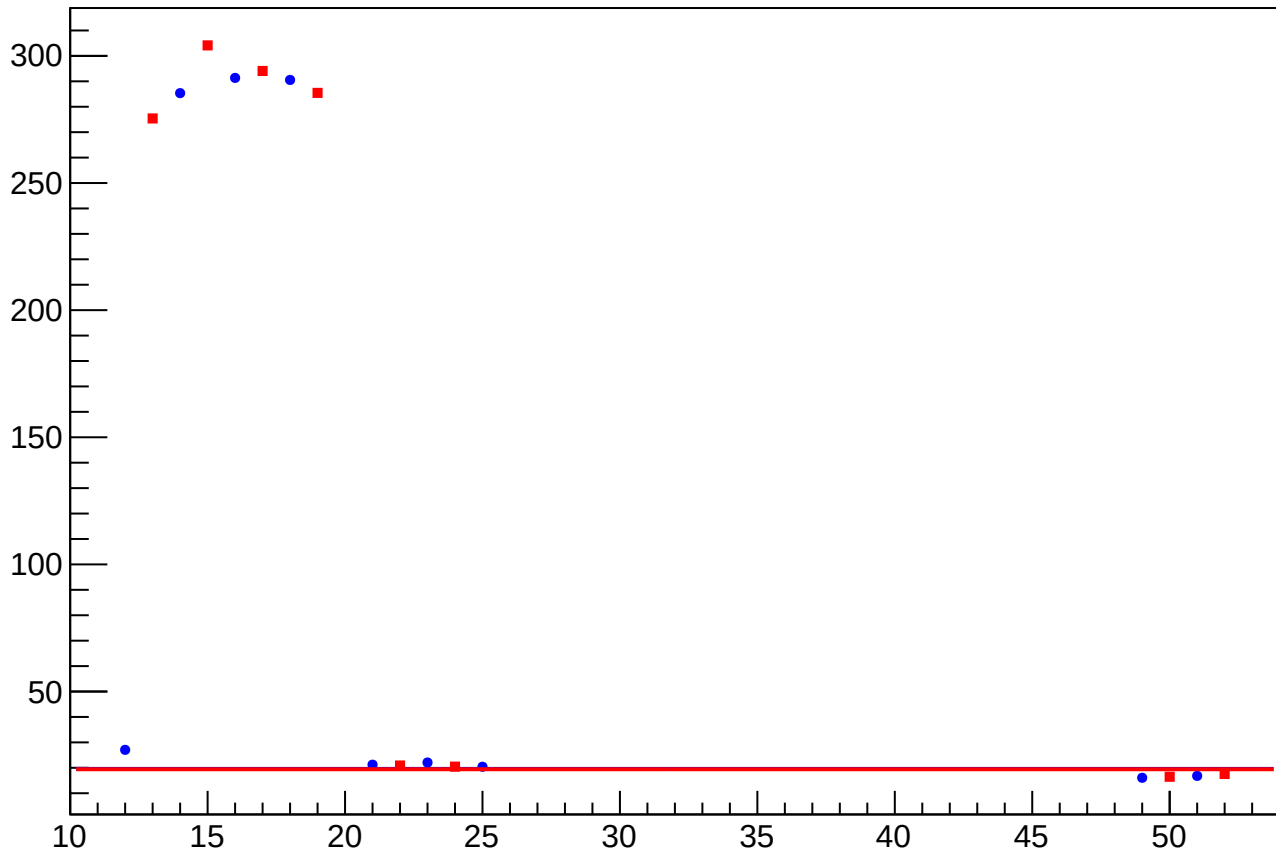
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.343 ± 12.395 χ^2/NDF : 8.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.260 ± 8.017 χ^2/NDF : 17.3/16

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

19.510+/-0.006 χ^2/NDF : 6975086.0/16

Right Out: 19.433+/-0.009 χ^2/NDF : 3095594.2/7

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

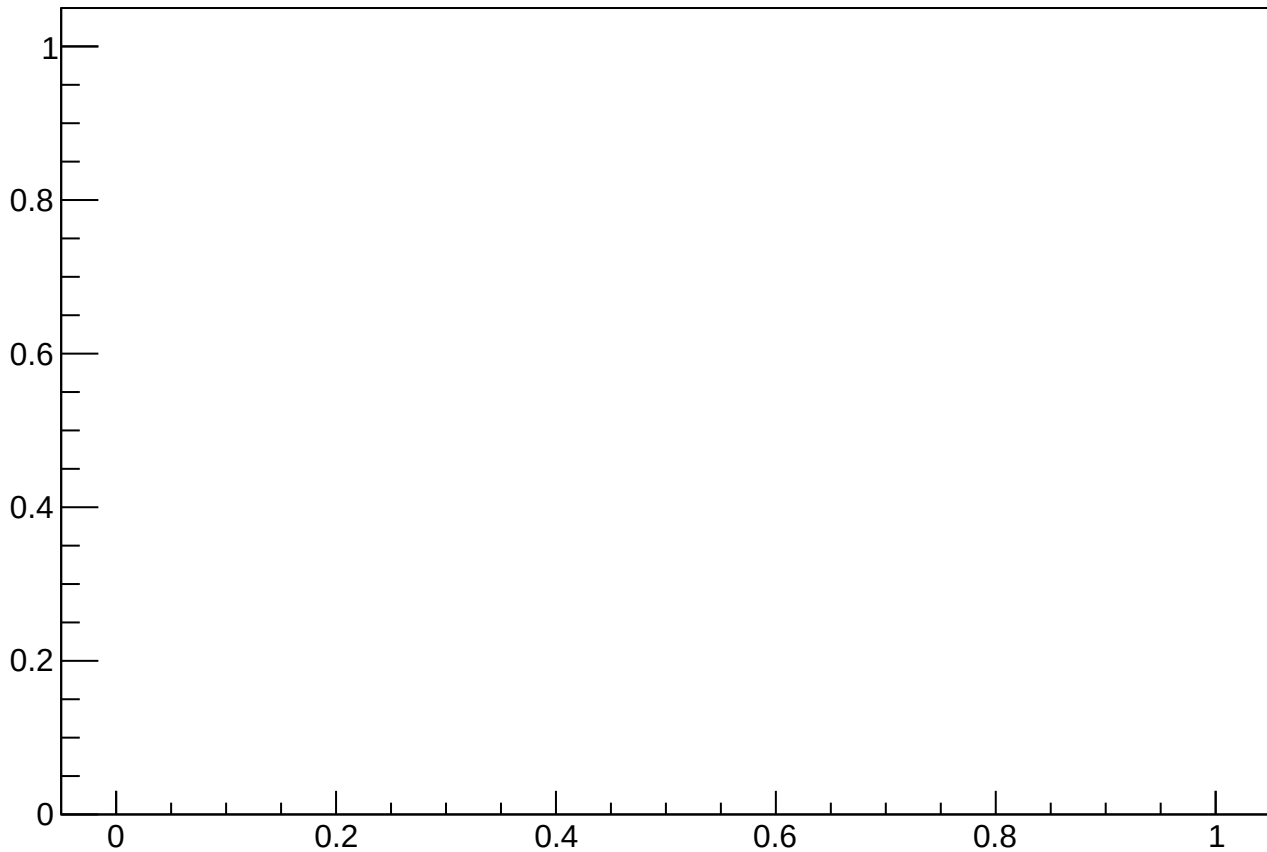
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

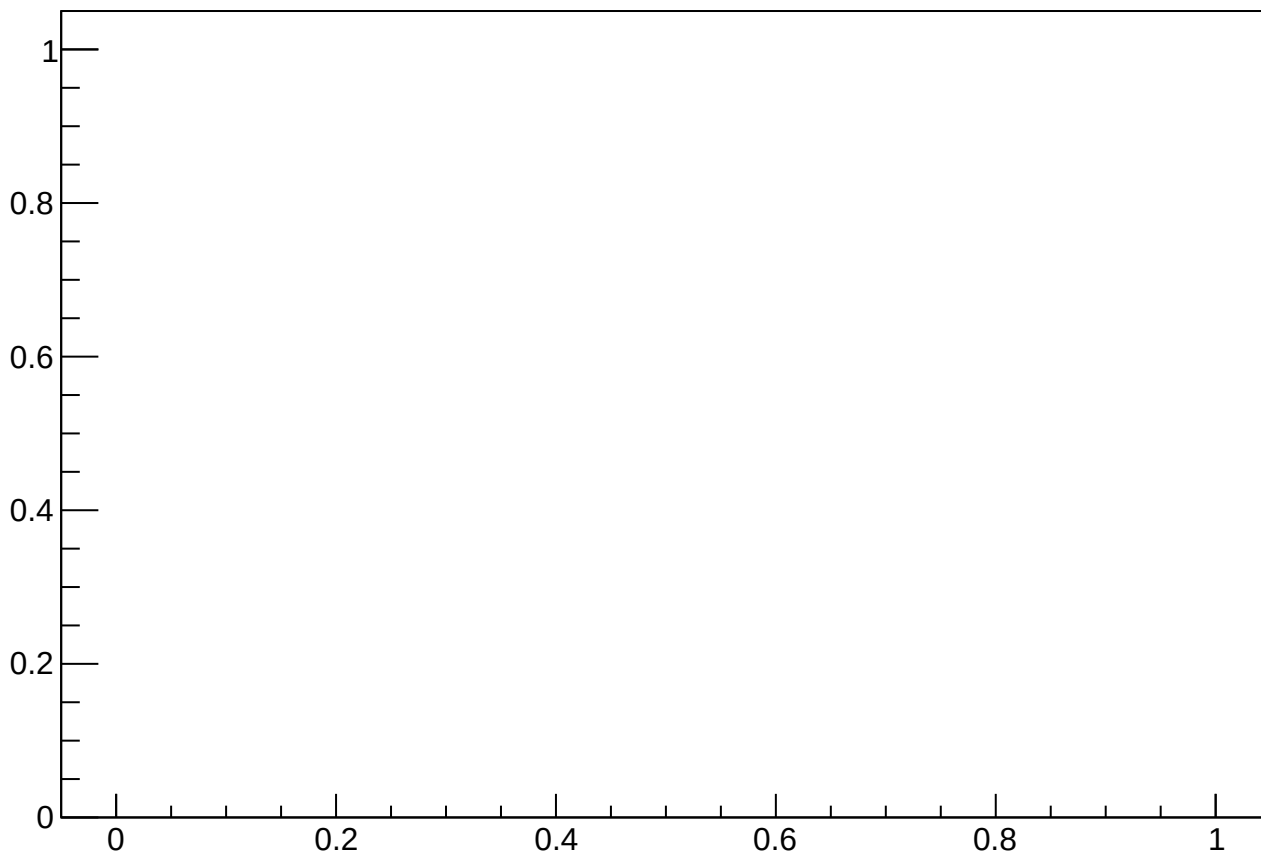
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

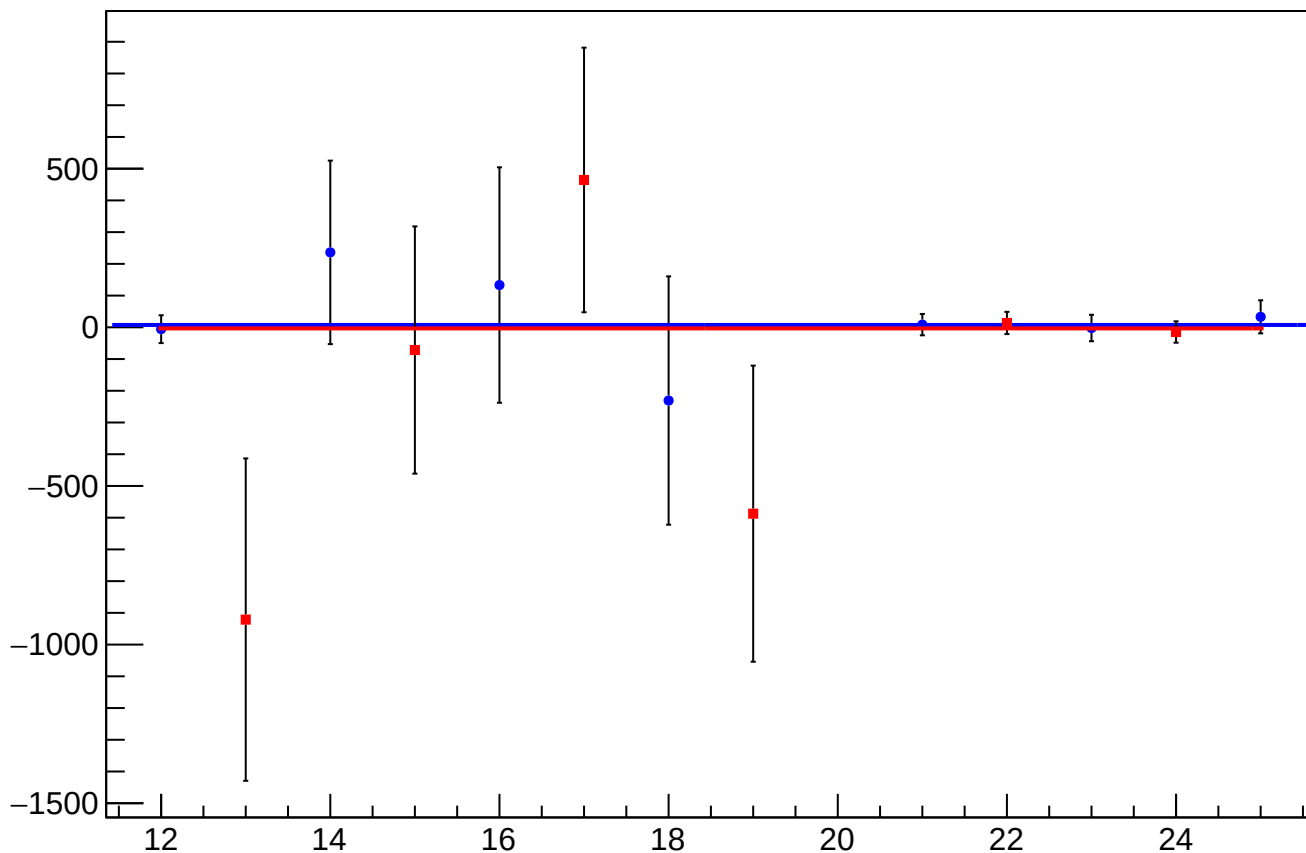
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

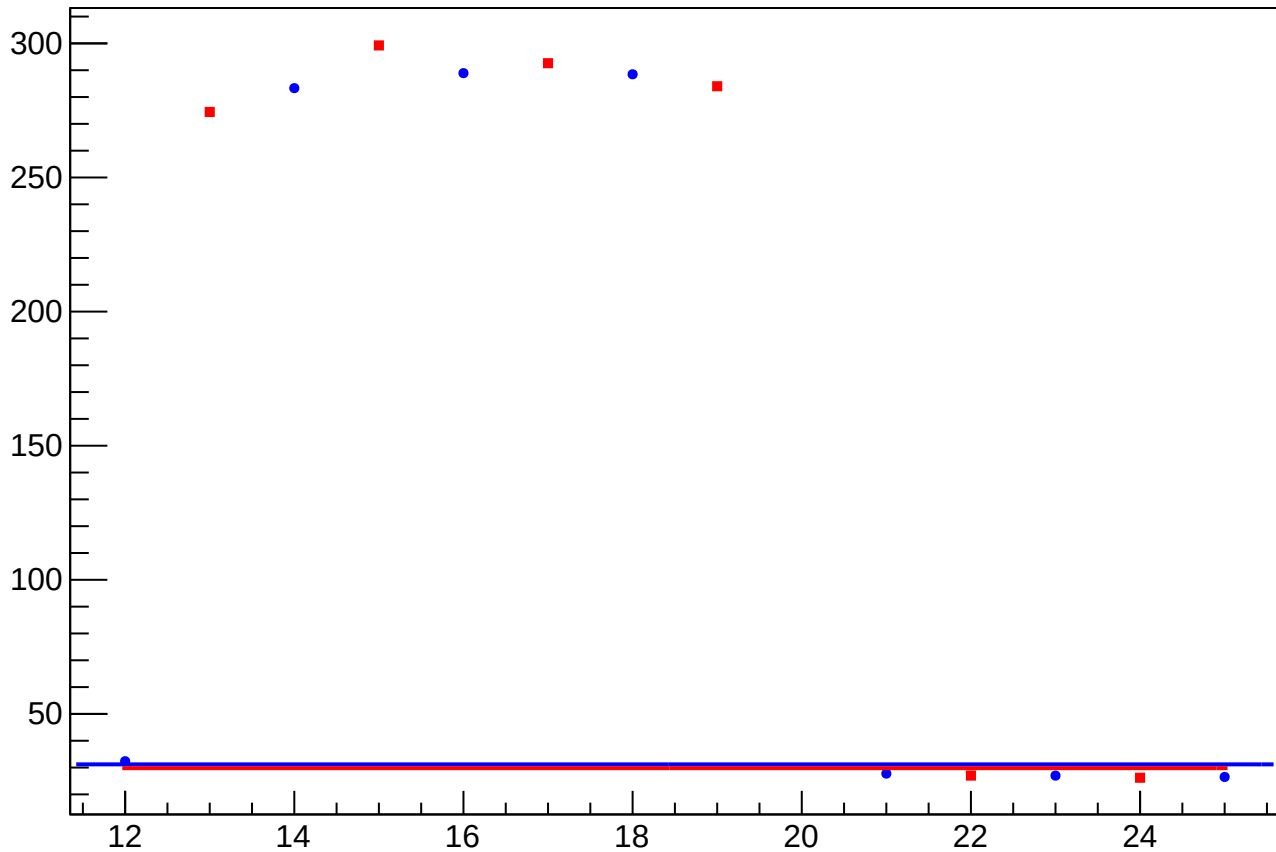
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

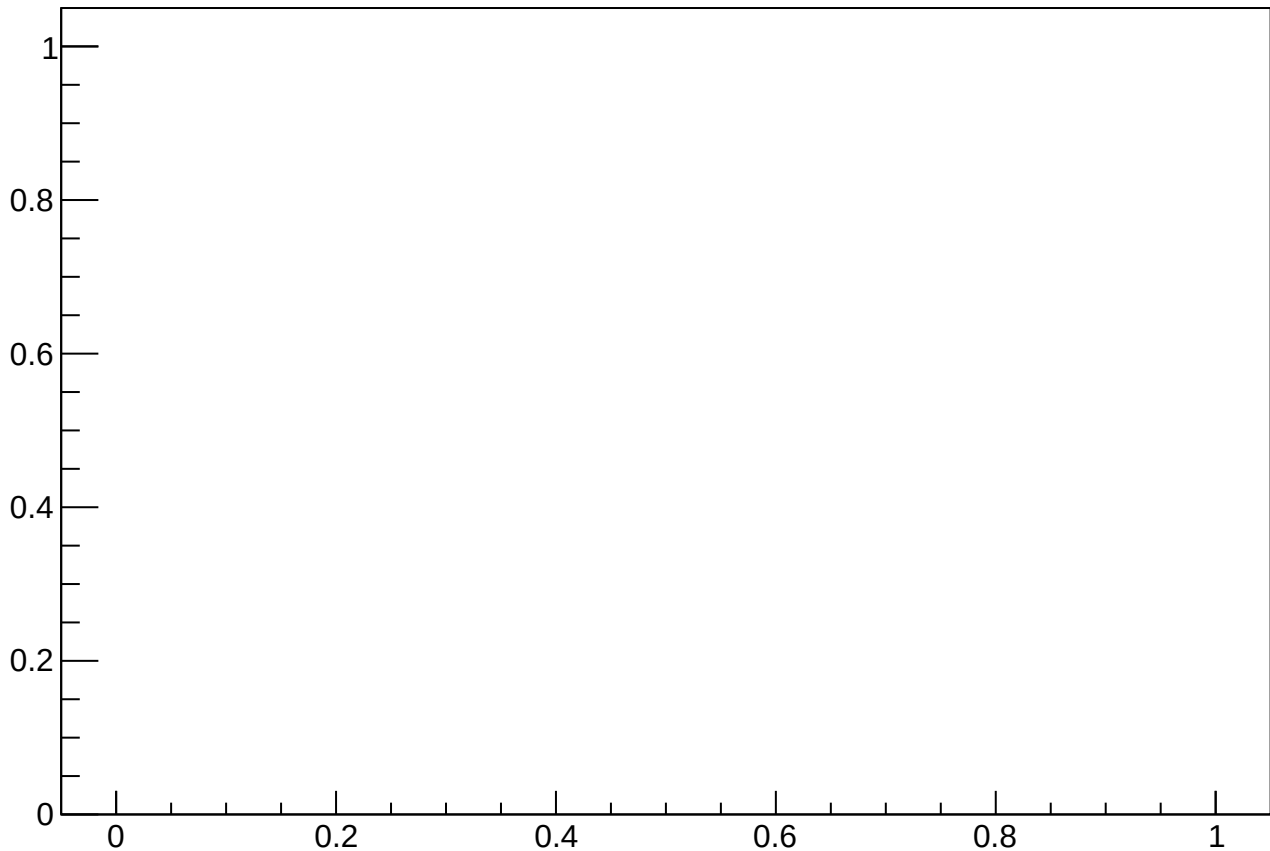
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

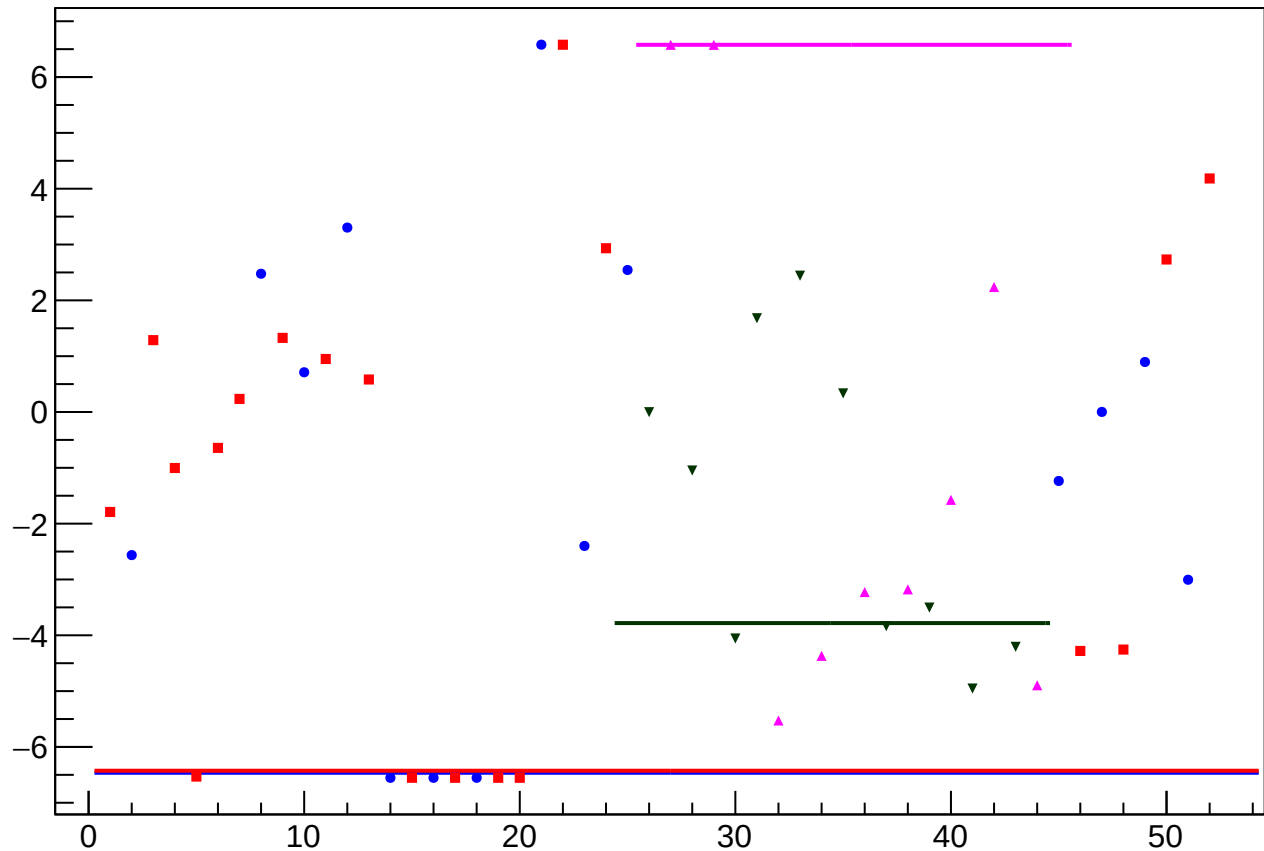
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_cav4bX_mean vs slug



Right In: -6.463+/-0.000 χ^2/NDF : 127750019152225.4/13

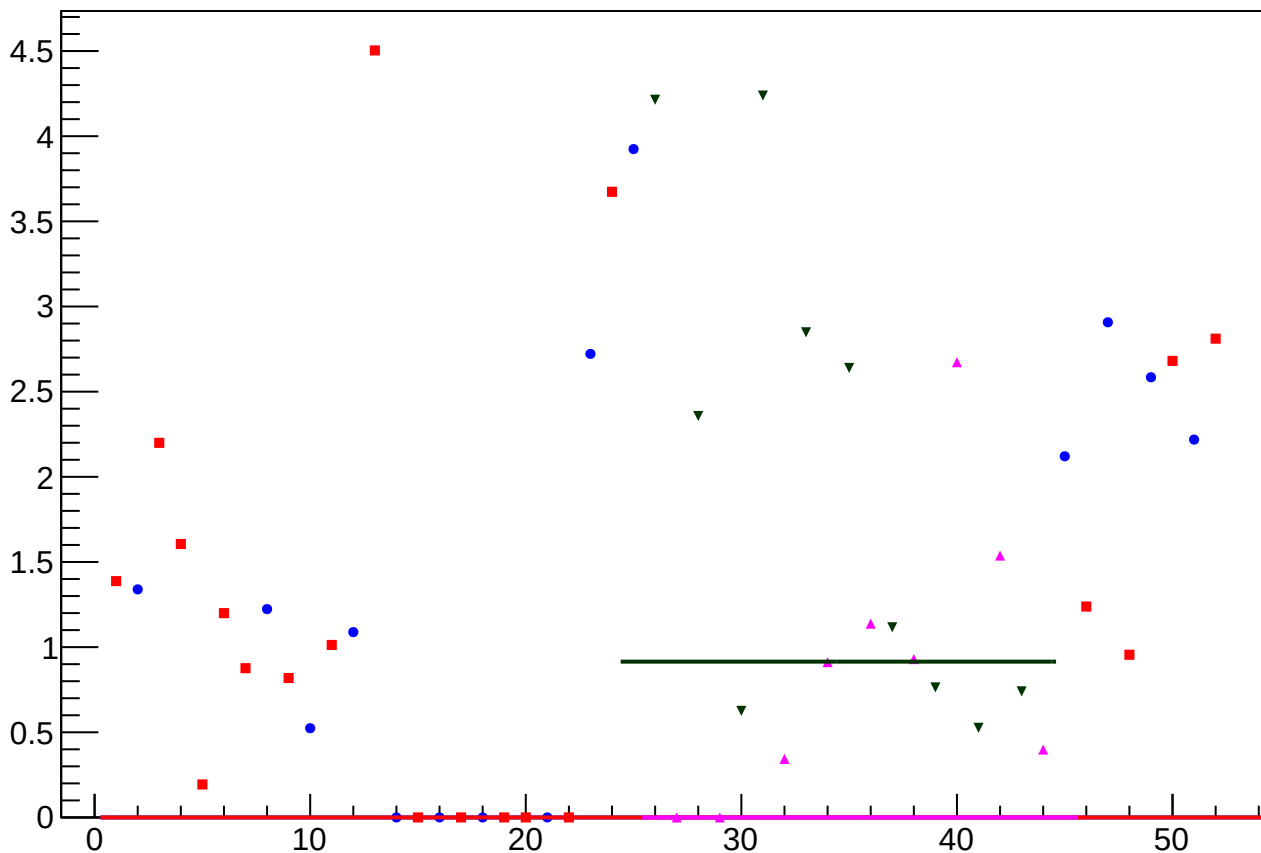
Left Out: -3.781+/-0.001 χ^2/NDF : 5647760.8/9

Right Out: -6.426+/-0.000 χ^2/NDF : 150783939570969.4/18

Left In: 6.578+/-0.000 χ^2/NDF : 822745834.1/8

-6.389+/-0.000 χ^2/NDF : 425855779478060.1/5

yield_cav4bX_rms vs slug



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

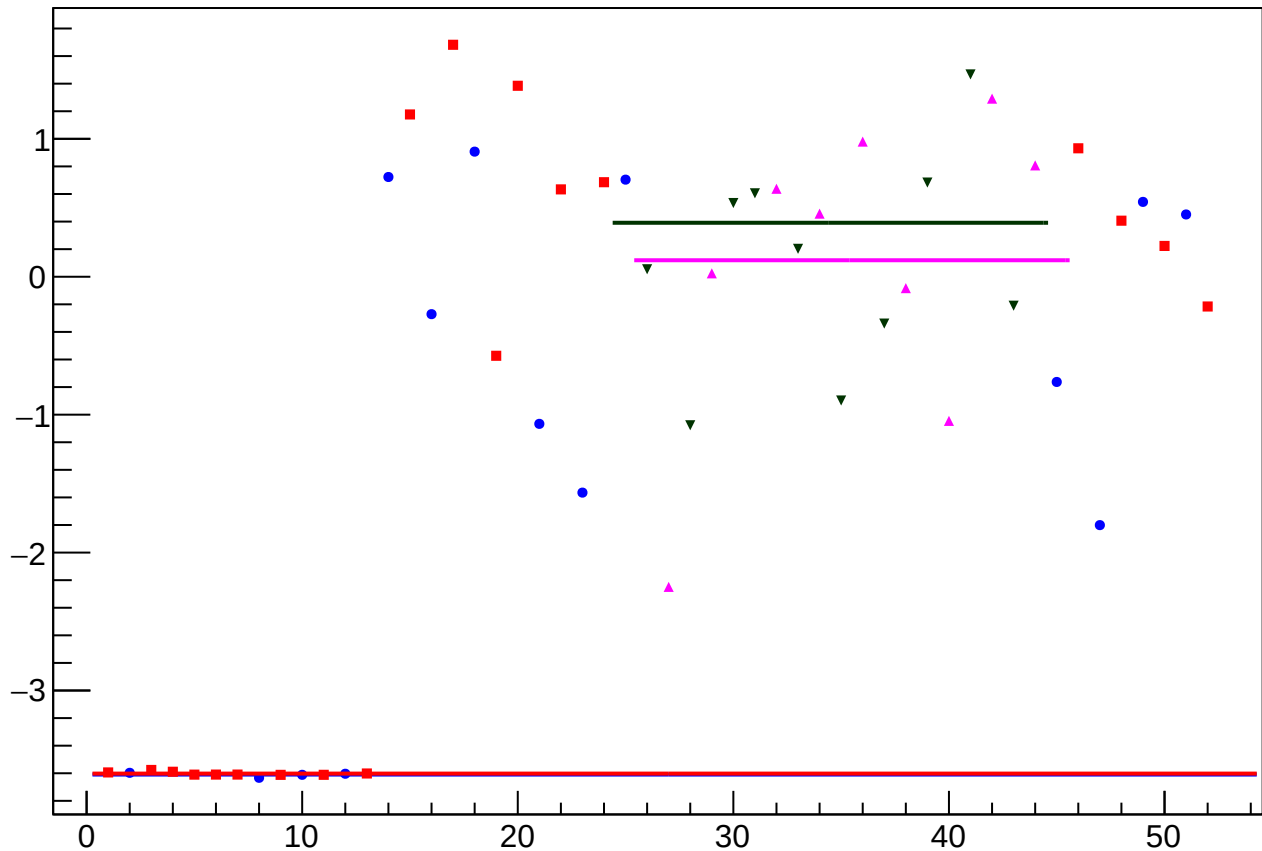
Left Out: 0.915+/-0.000 χ^2/NDF :2495147.4/9

Right Out: 0.000+/-0.000 χ^2/NDF : 9014967.7/18

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

0.000+/-0.000 χ^2/NDF : 29084305.0/51

yield_cav4bY_mean vs slug



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

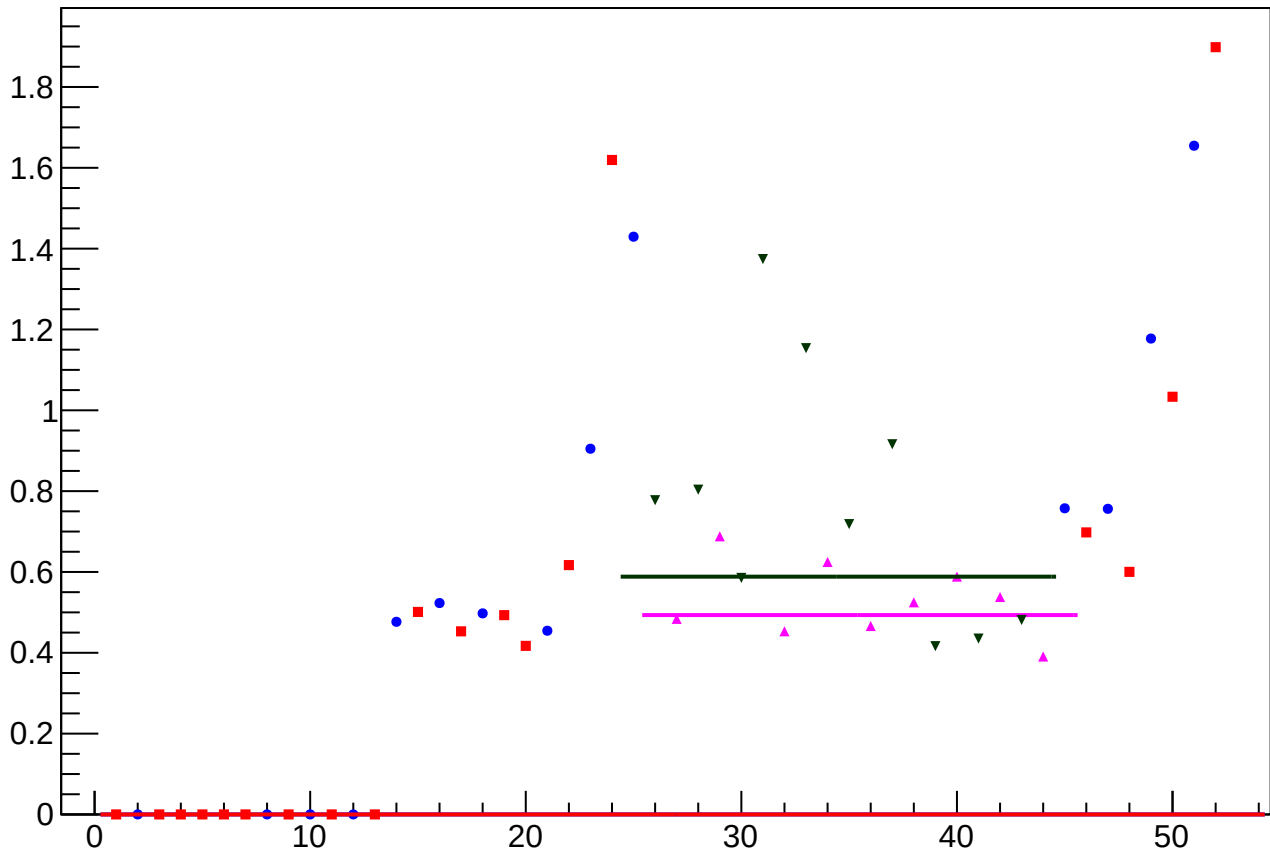
Left Out: 0.391+/-0.000 χ^2/NDF : 6900205.6/9

-3.605+/-0.000 χ^2/NDF : 236691041229.7/51

Right Out: -3.602+/-0.000 χ^2/NDF : 114037991514.1/18

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

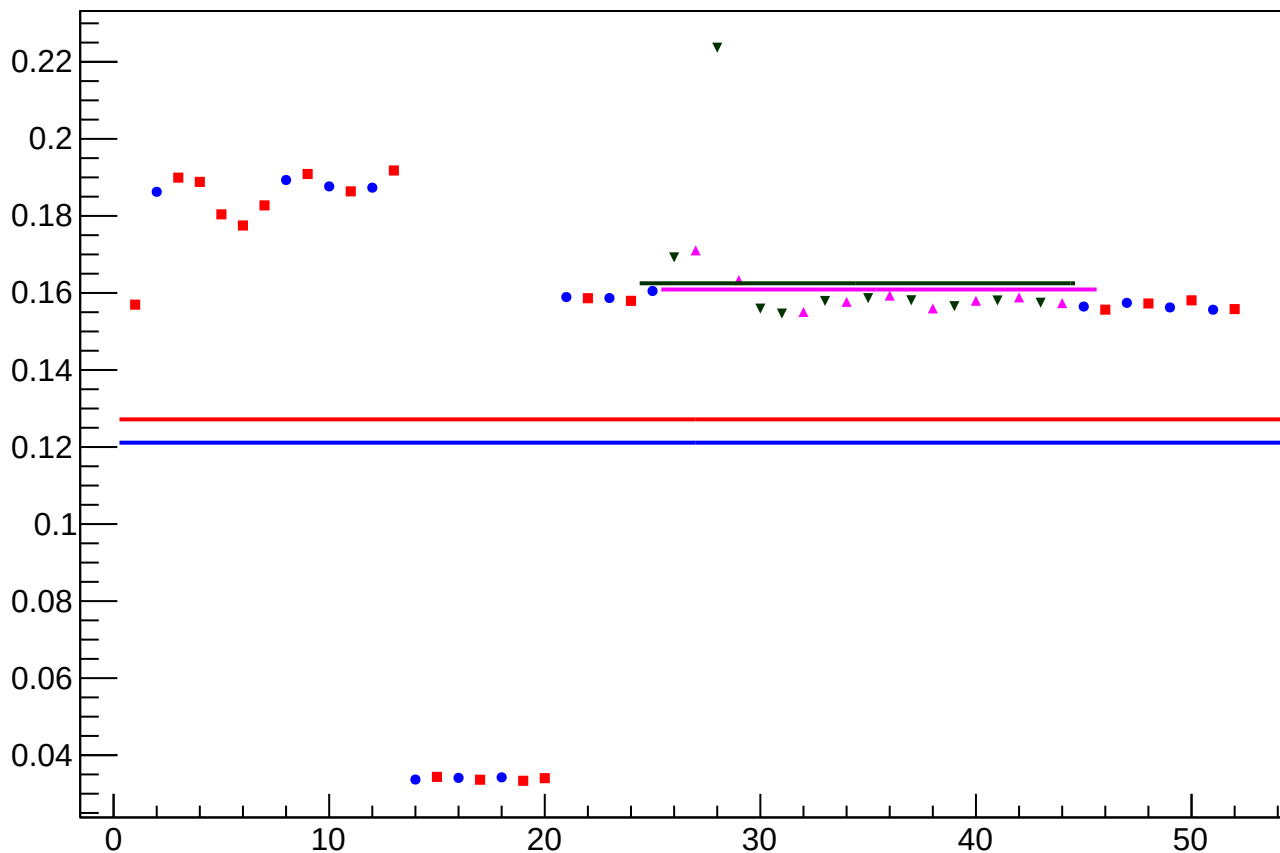
Left Out: 0.588+/-0.000 χ^2/NDF : 893896.5/9

0.000+/-0.000 χ^2/NDF : 32036589.5/51

Right Out: 0.000+/-0.000 χ^2/NDF : 7572883.4/18

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

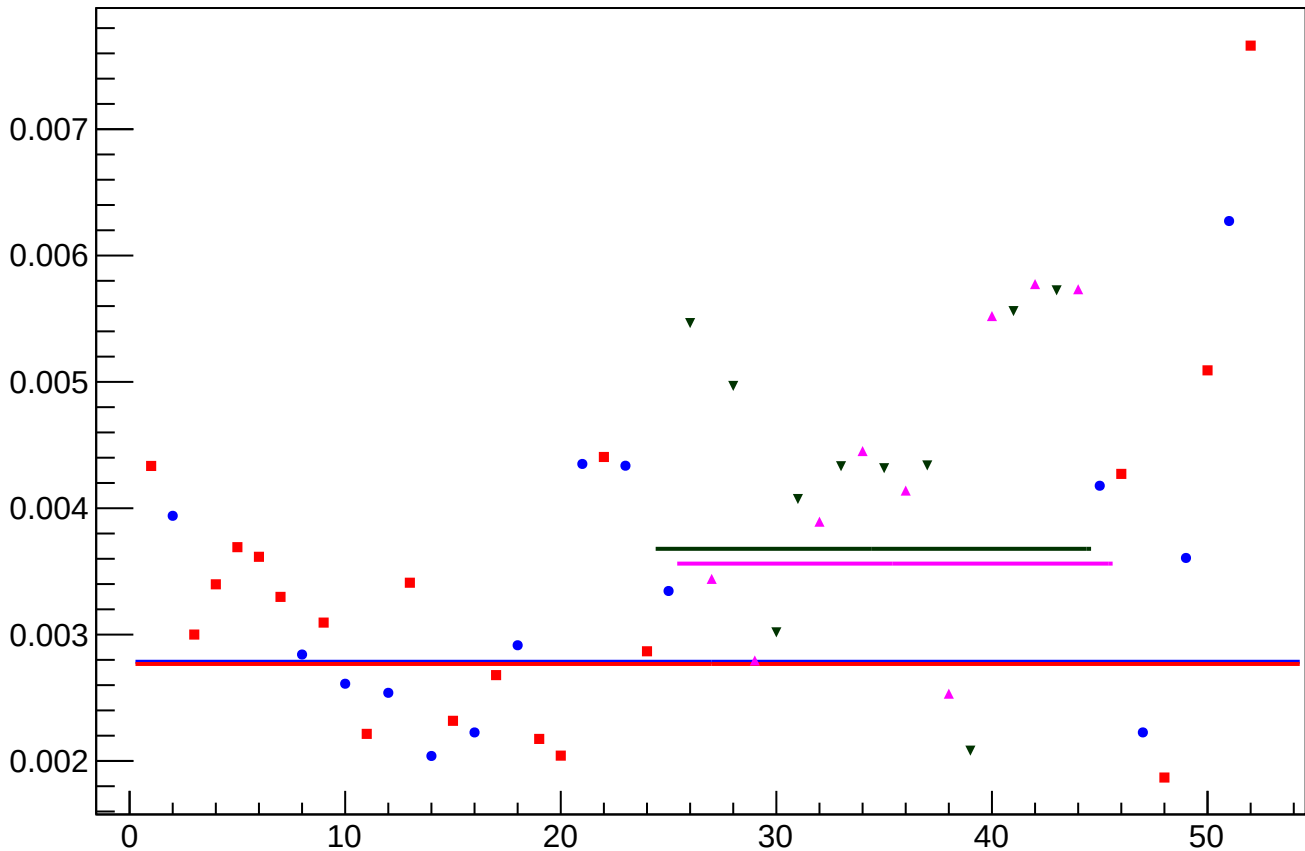
Left Out: 0.163+/-0.000 χ^2/NDF : 101856913.5/9

Right Out: 0.127+/-0.000 χ^2/NDF : 4458972651.2/18

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

0.134+/-0.000 χ^2/NDF : 10243662971.9/51

yield_cav4cX_rms vs slug



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

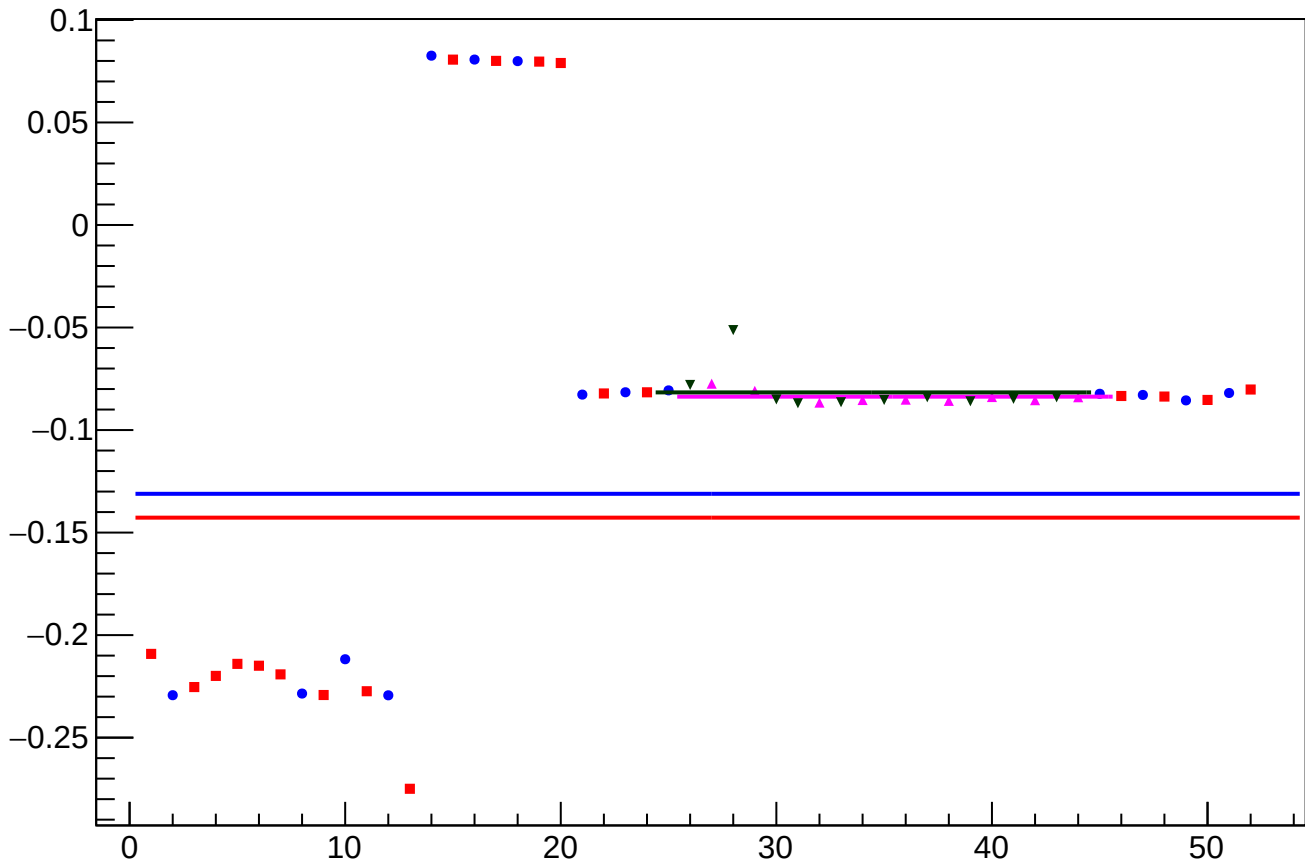
Left Out: 0.004+/-0.000 χ^2/NDF :1048834.3/9

0.003+/-0.000 χ^2/NDF : 5493164.4/51

Right Out: 0.003+/-0.000 χ^2/NDF : 1625303.0/18

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

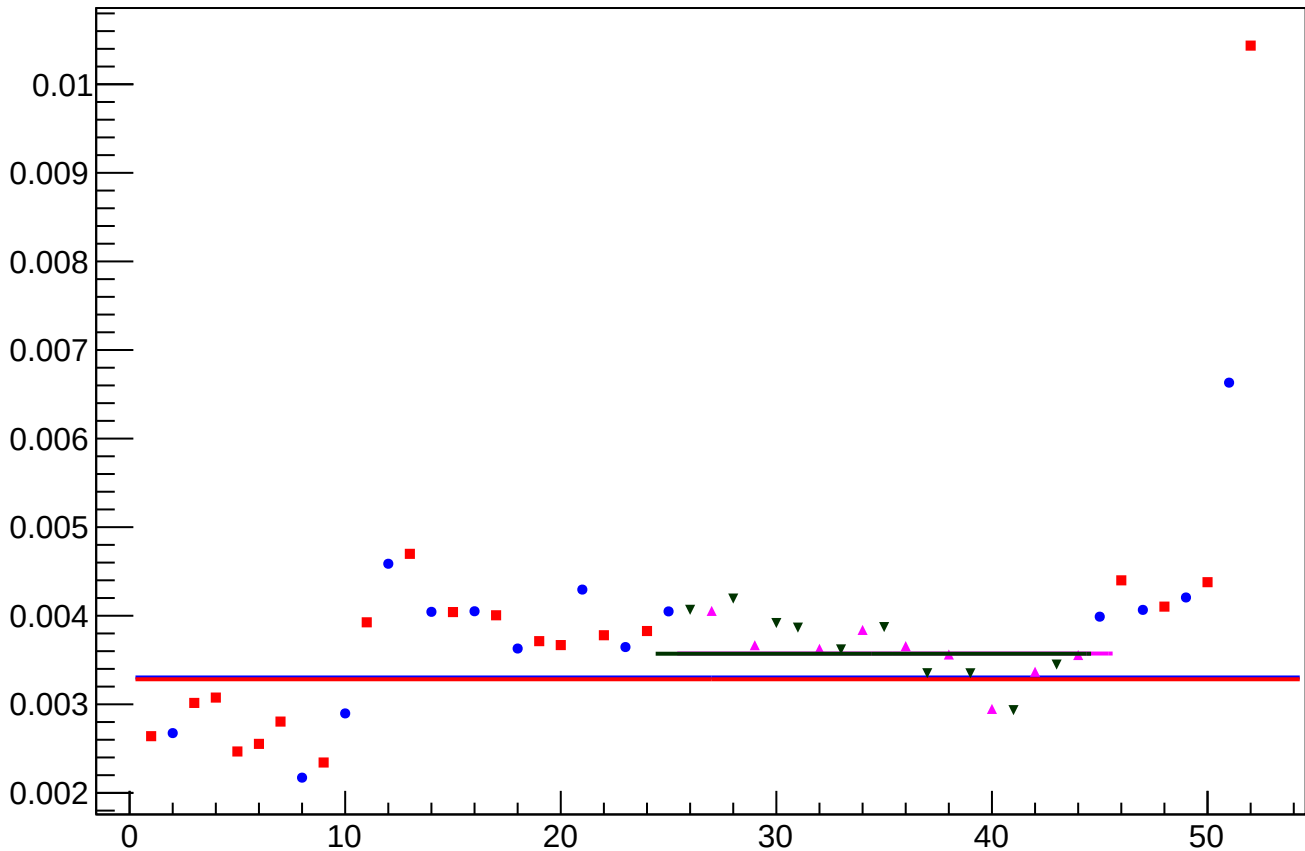
Left Out: -0.082+/-0.000 χ^2/NDF : 35920699.2/9

-0.118+/-0.000 χ^2/NDF : 21070843526.4/51

Right Out: -0.143+/-0.000 χ^2/NDF : 9395896215.7/18

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

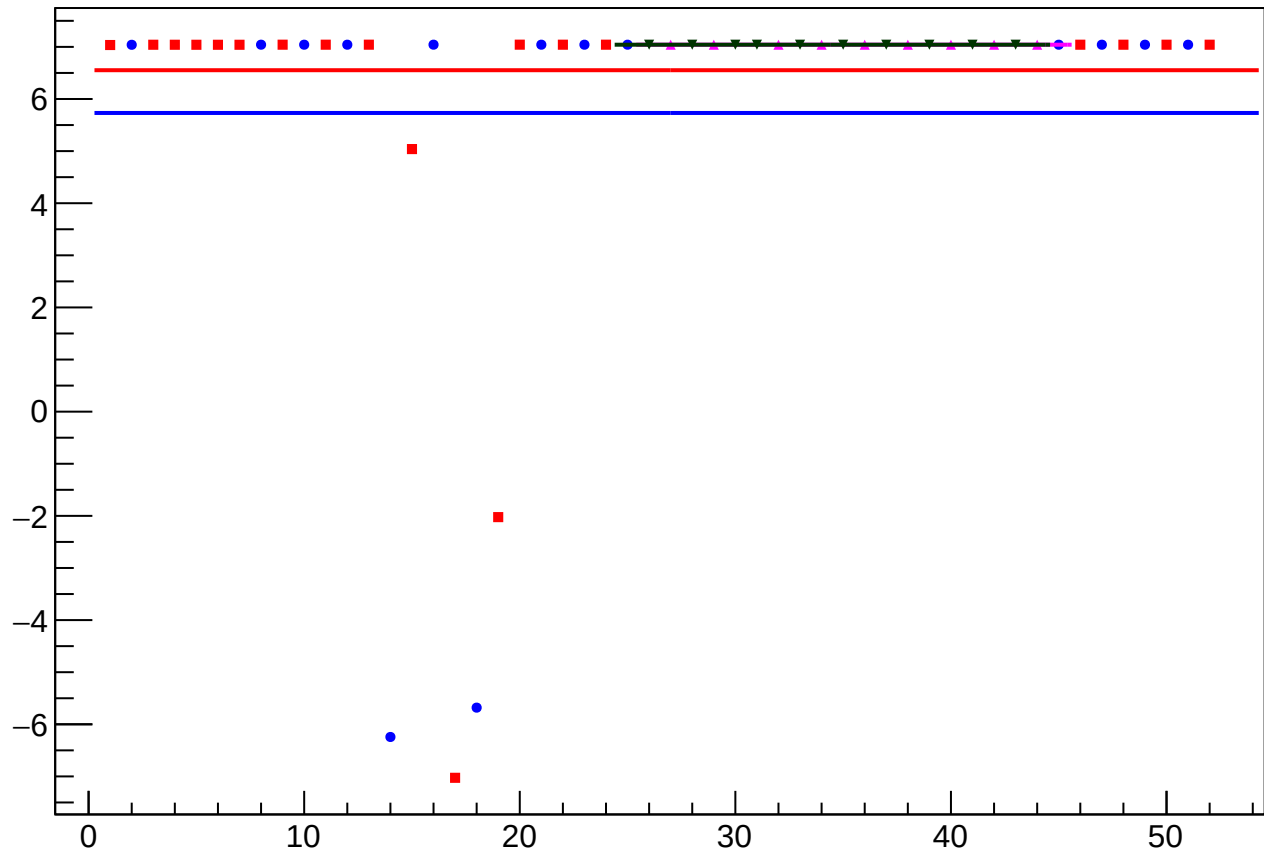
Left Out: 0.004+/-0.000 χ^2/NDF :121987.1/9

0.003+/-0.000 χ^2/NDF : 2736503.3/51

Right Out: 0.003+/-0.000 χ^2/NDF : 1248610.4/18

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

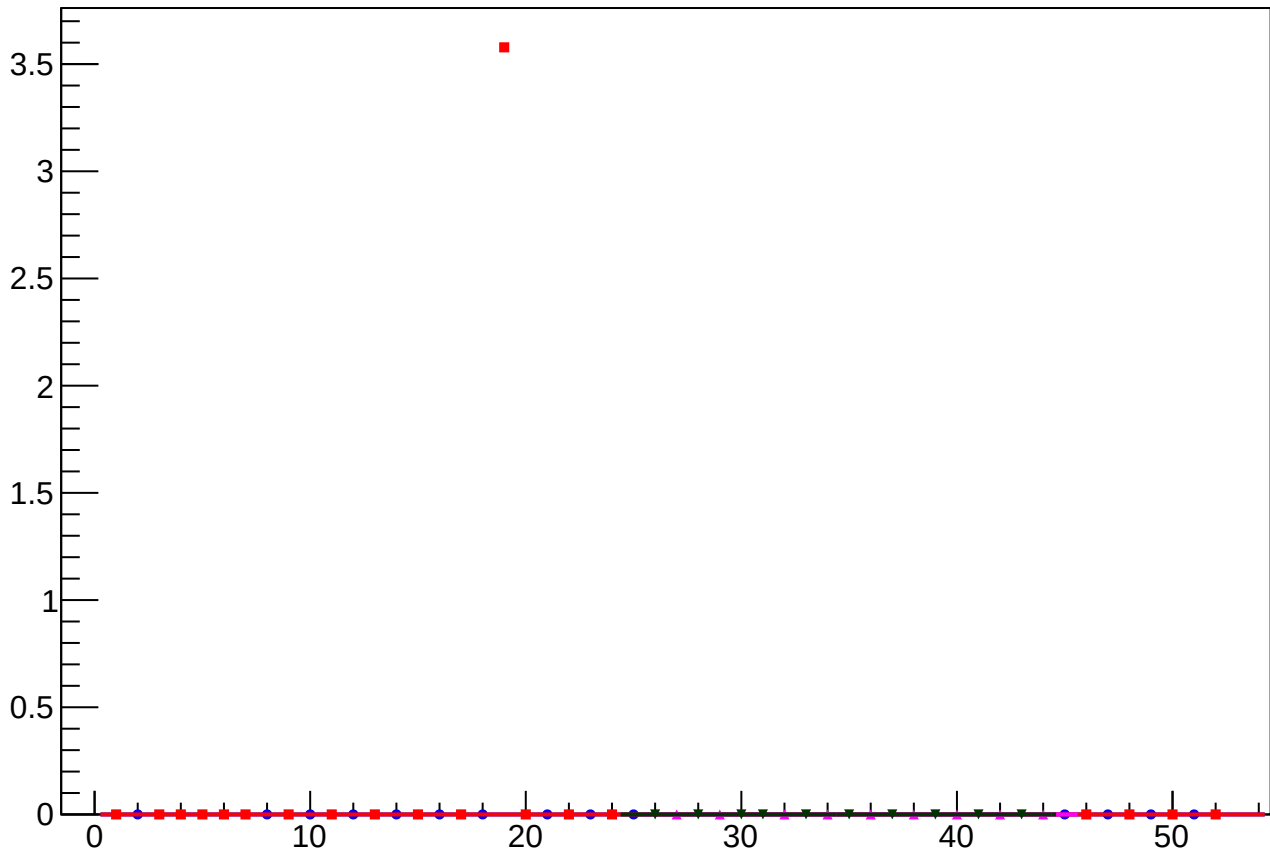
Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 815895.3/9

6.513 $\pm$ 0.000 χ^2 /NDF: 6727142760106336.0/5

Right Out: 6.552 $\pm$ 0.000 χ^2 /NDF: 1852588689259717.2/18

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

yield_cav4dX_rms vs slug



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

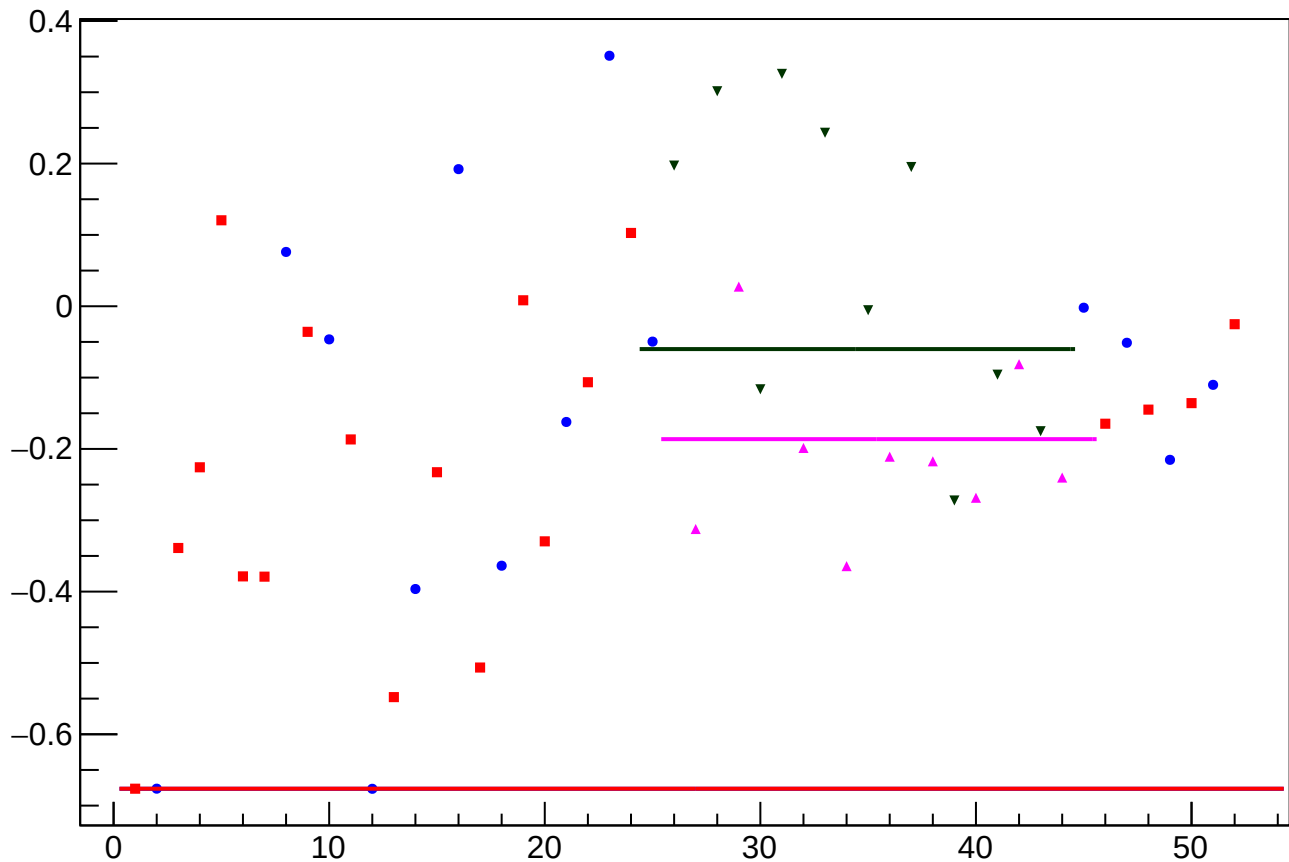
Left Out: 0.000+/-0.000 χ^2/NDF :1393.7/9

0.000+/-0.000 χ^2/NDF : 707454.9/51

Right Out: 0.000+/-0.000 χ^2/NDF : 695998.6/18

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

yield_cav4dY_mean vs slug



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

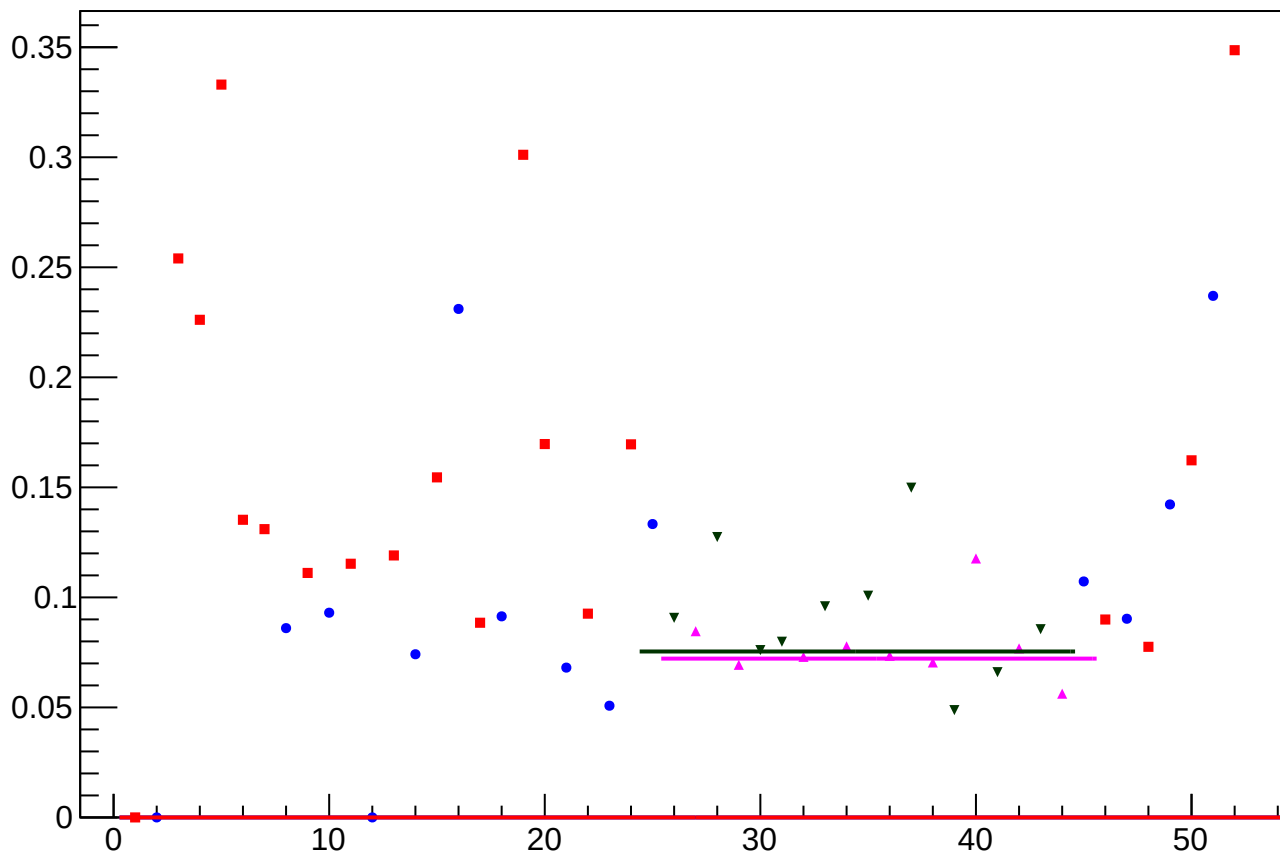
Left Out: -0.060+/-0.000 χ^2/NDF : 19519965.9/9

-0.676+/-0.000 χ^2/NDF : 720572184.6/51

Right Out: -0.676+/-0.000 χ^2/NDF : 96703409.9/18

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

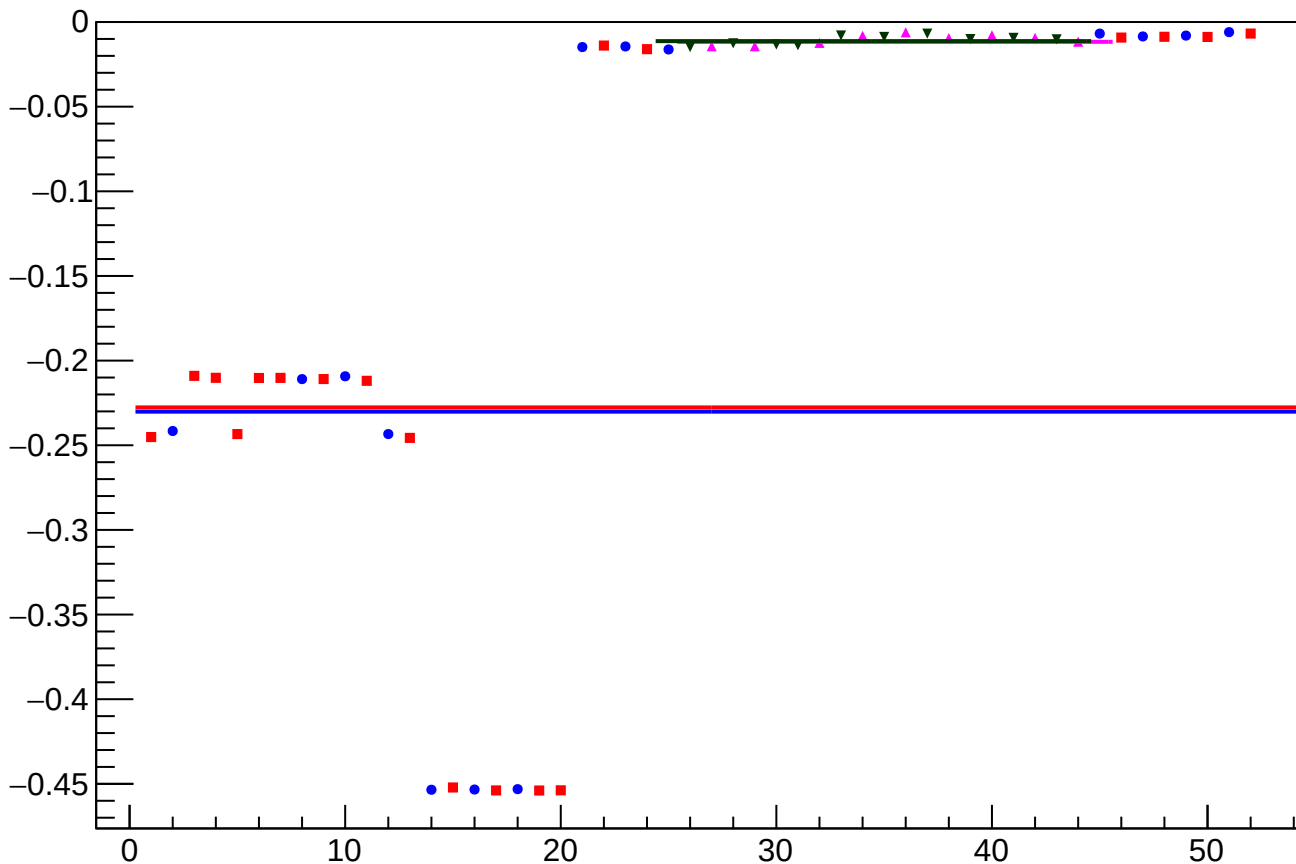
Left Out: 0.075+/-0.000 χ^2/NDF : 583441.6/9

Right Out: 0.000+/-0.000 χ^2/NDF : 12324632.4/18

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

0.000+/-0.000 χ^2/NDF : 36583517.2/51

yield_bpm4aX_mean vs slug



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

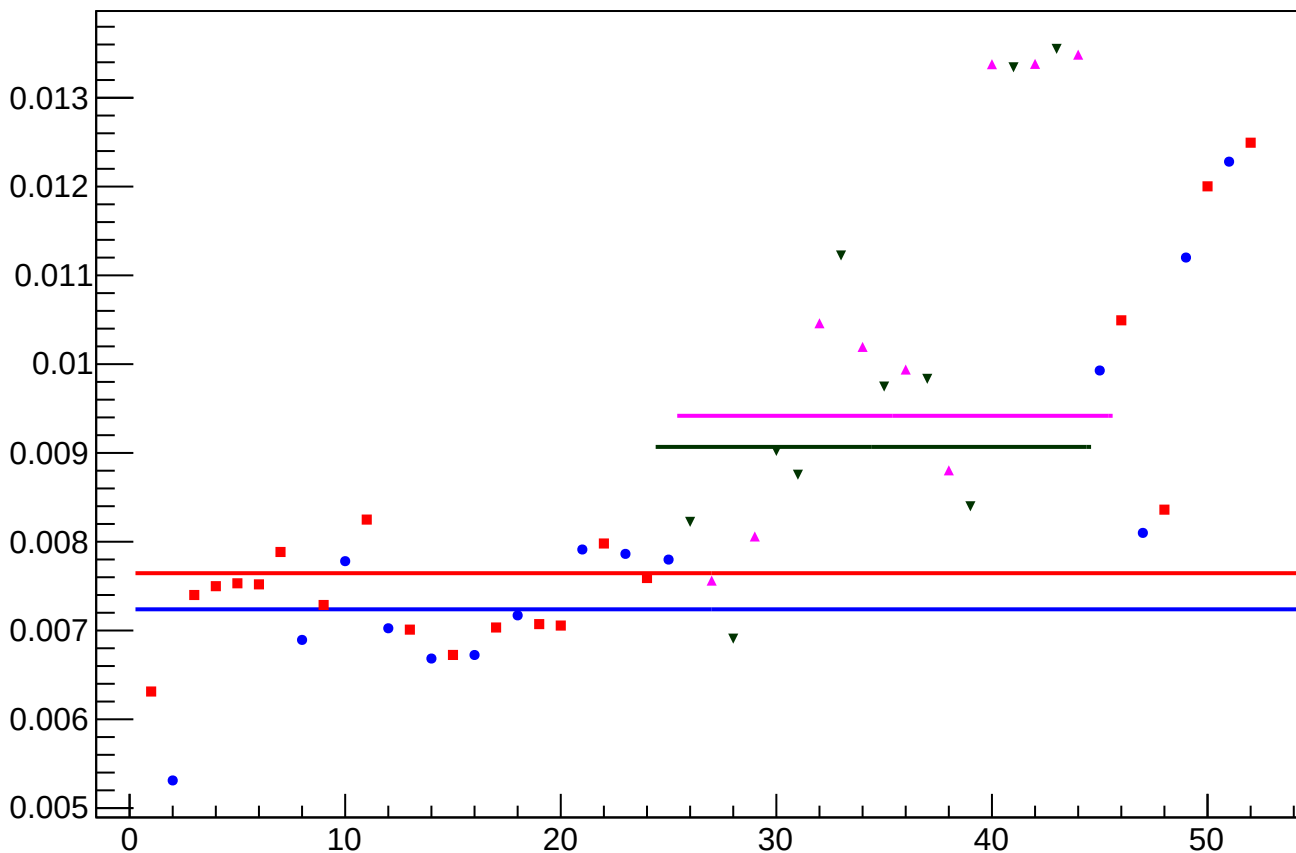
Left Out: -0.011+/-0.000 χ^2/NDF : 378273.8/9

-0.169+/-0.000 χ^2/NDF : 12197539431.7/51

Right Out: -0.228+/-0.000 χ^2/NDF : 3673644473.9/18

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

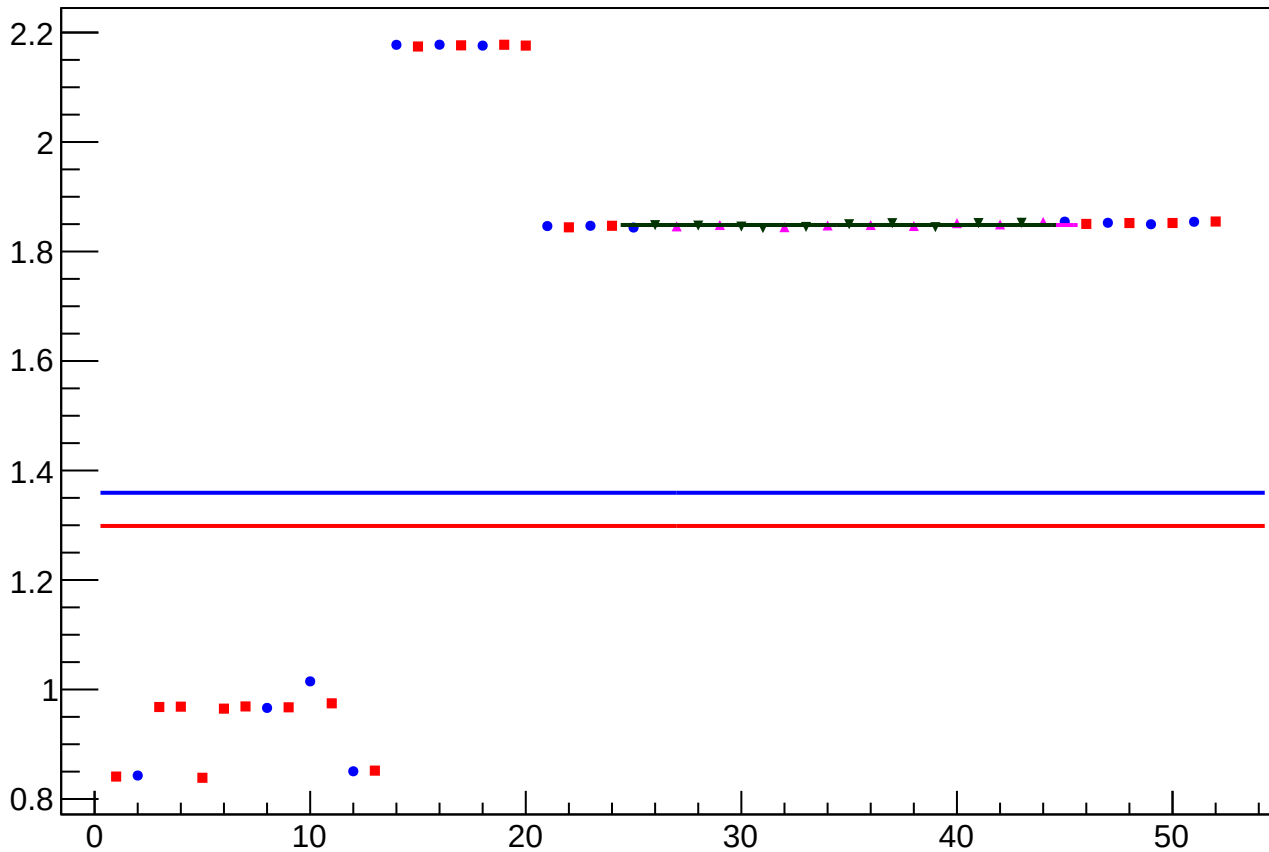
Left Out: 0.009 ± 0.000 χ^2/NDF : 422810.1/9

Right Out: 0.008 ± 0.000 χ^2/NDF : 480417.0/18

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

0.008 ± 0.000 χ^2/NDF : 2727778.3/51

yield_bpm4aY_mean vs slug



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

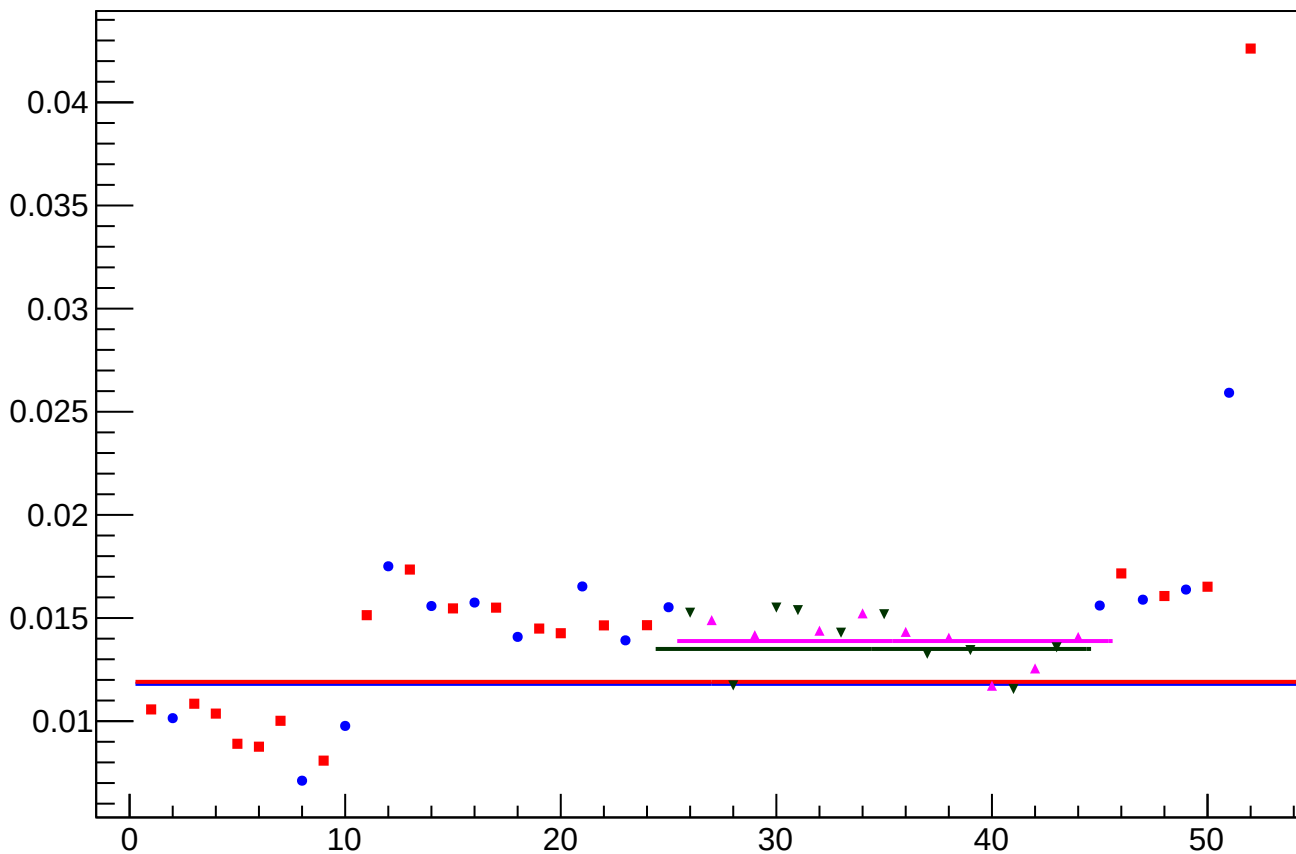
Left Out: 1.848+/-0.000 χ^2/NDF : 275256.1/9

1.501+/-0.000 χ^2/NDF : 39402539193.0/51

Right Out: 1.299+/-0.000 χ^2/NDF : 14078260089.9/18

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

yield_bpm4aY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 1789613.5/13

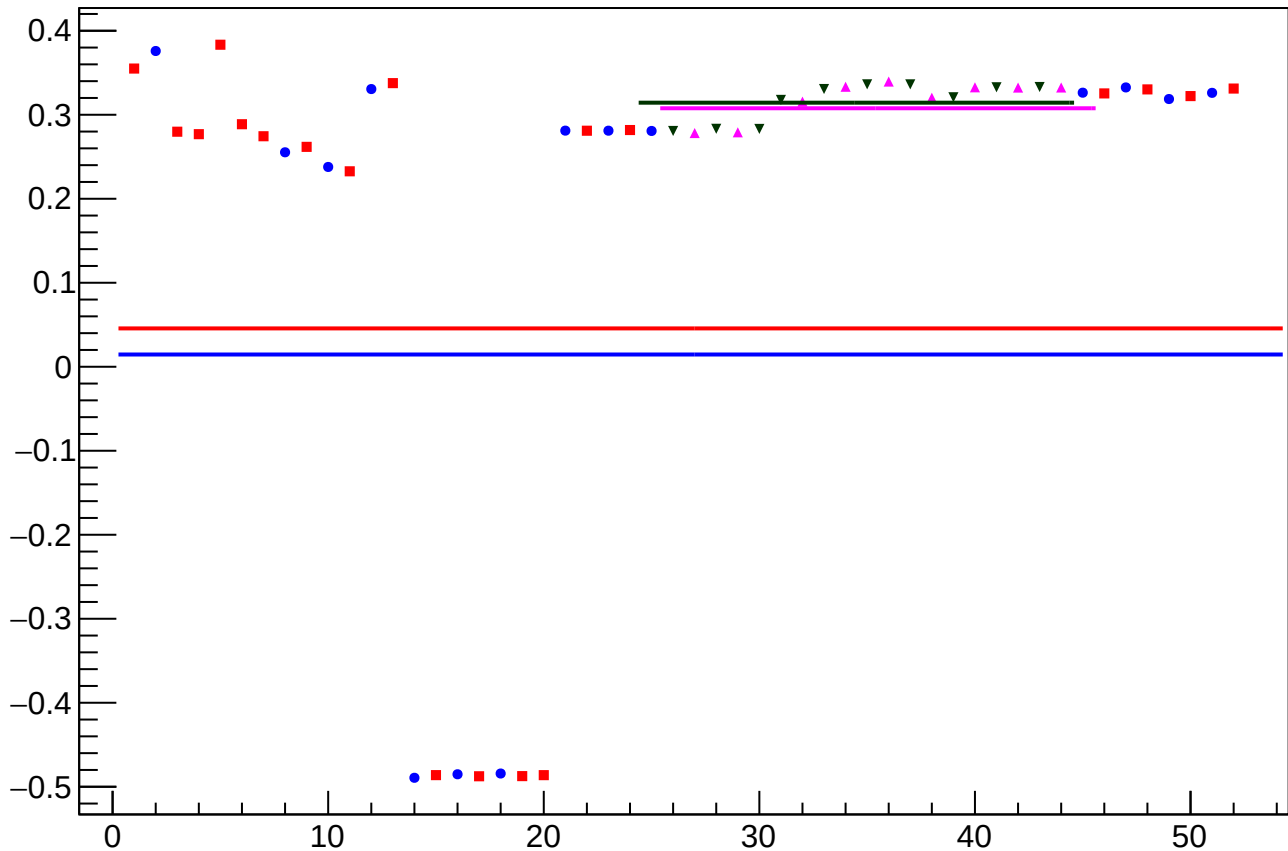
Left Out: 0.014+/-0.000 χ^2/NDF :115034.4/9

Right Out: 0.012+/-0.000 χ^2/NDF : 1621495.1/18

Left In: 0.014+/-0.000 χ^2/NDF :63867.8/8

0.012+/-0.000 χ^2/NDF : 3844529.7/51

yield_bpm4eX_mean vs slug



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

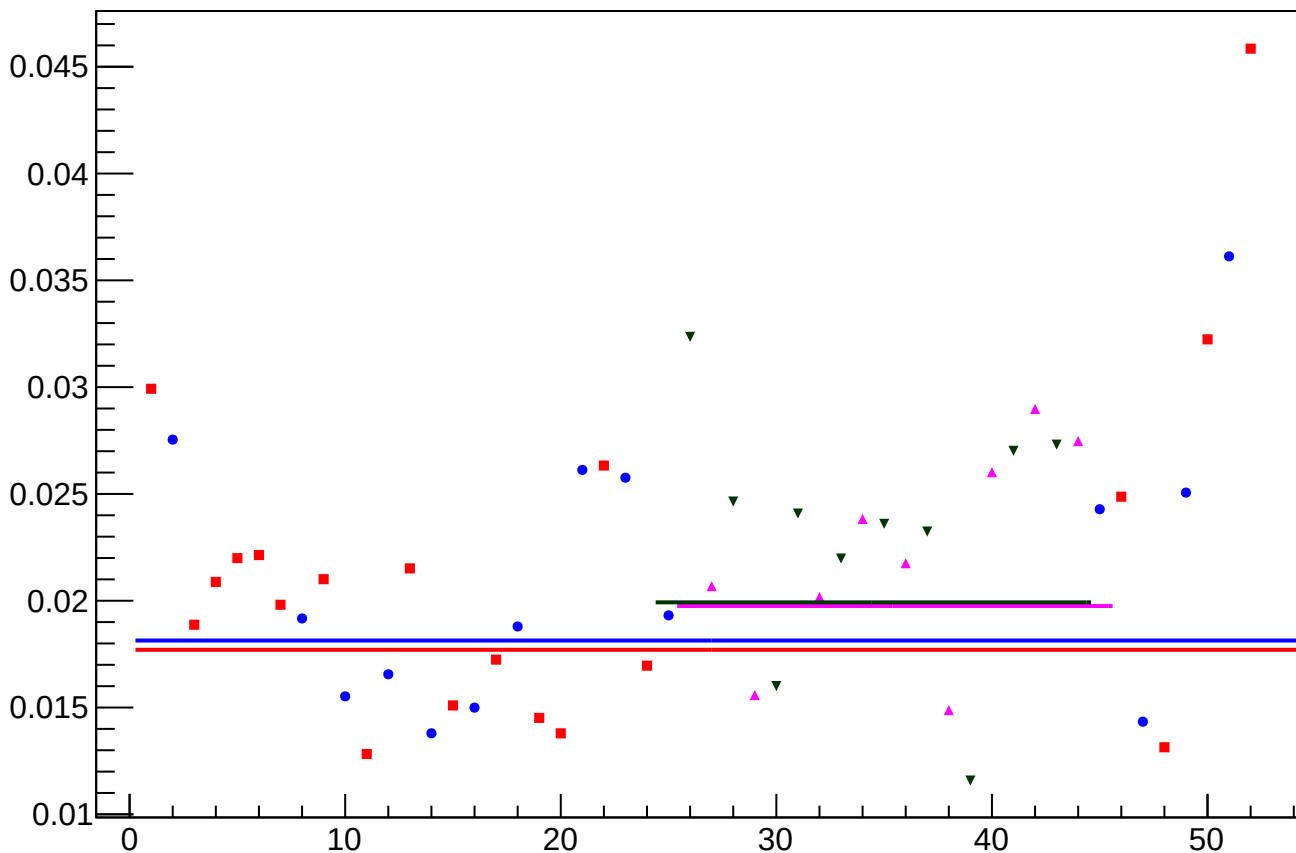
Left Out: 0.314 $\pm$ 0.000 χ^2 /NDF: 5139756.1/9

0.122 $\pm$ 0.000 χ^2 /NDF: 7970989070.9/51

Right Out: 0.046 $\pm$ 0.000 χ^2 /NDF: 3177572556.7/18

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

yield_bpm4eX_rms vs slug



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

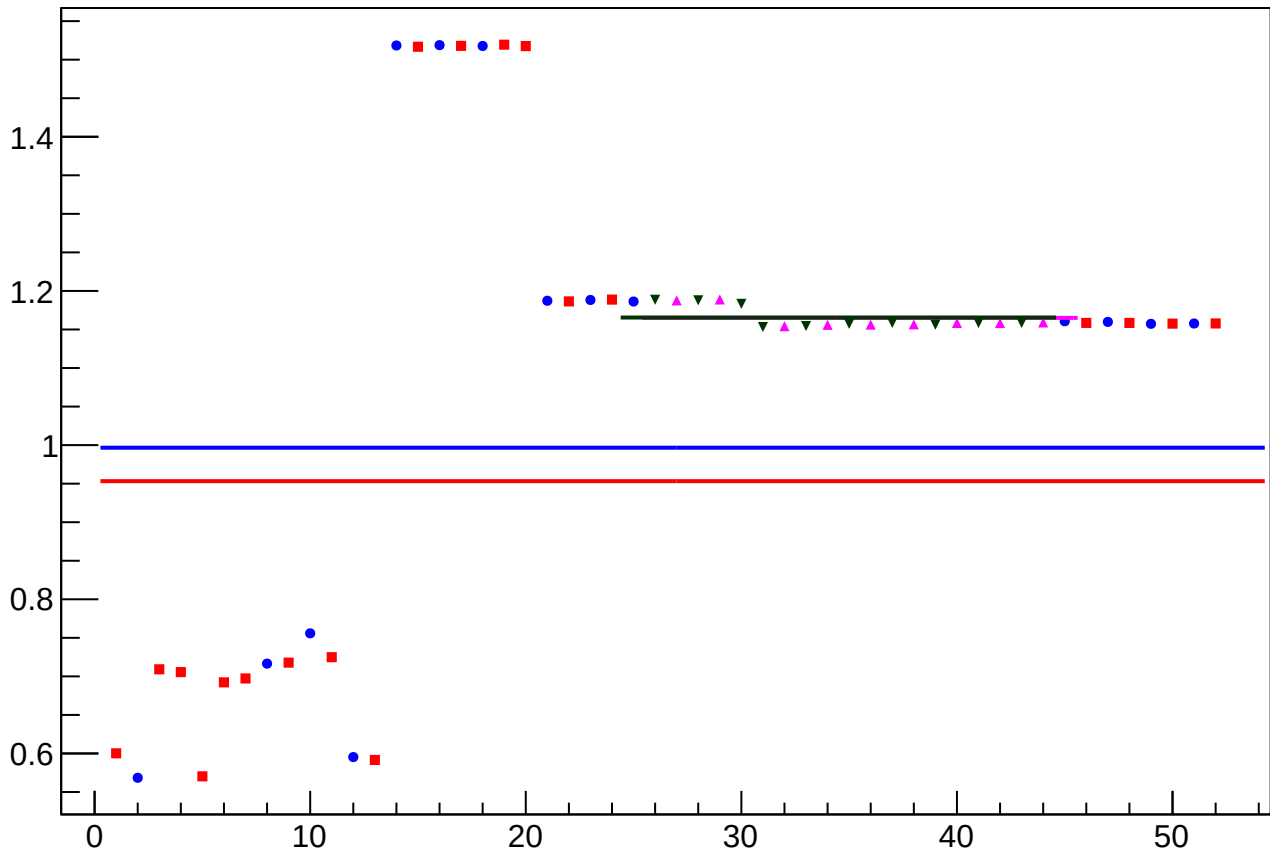
Left Out: 0.020+/-0.000 χ^2/NDF : 889086.3/9

0.019+/-0.000 χ^2/NDF : 4181446.7/51

Right Out: 0.018+/-0.000 χ^2/NDF : 1506180.7/18

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

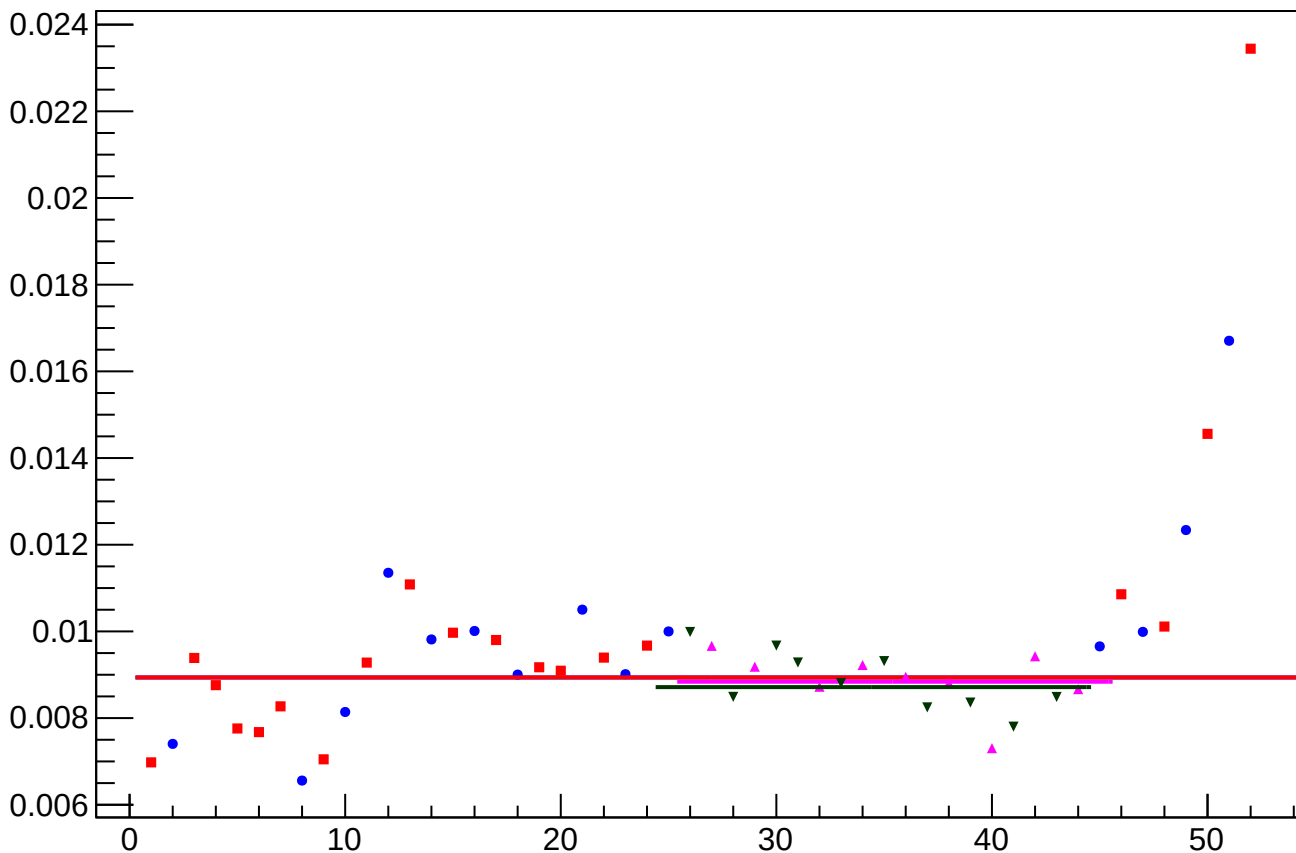
Left Out: 1.166 $\pm$ 0.000 χ^2/NDF : 12042647.5/9

1.050 $\pm$ 0.000 χ^2/NDF : 27947626913.8/51

Right Out: 0.953 $\pm$ 0.000 χ^2/NDF : 11977924881.6/18

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

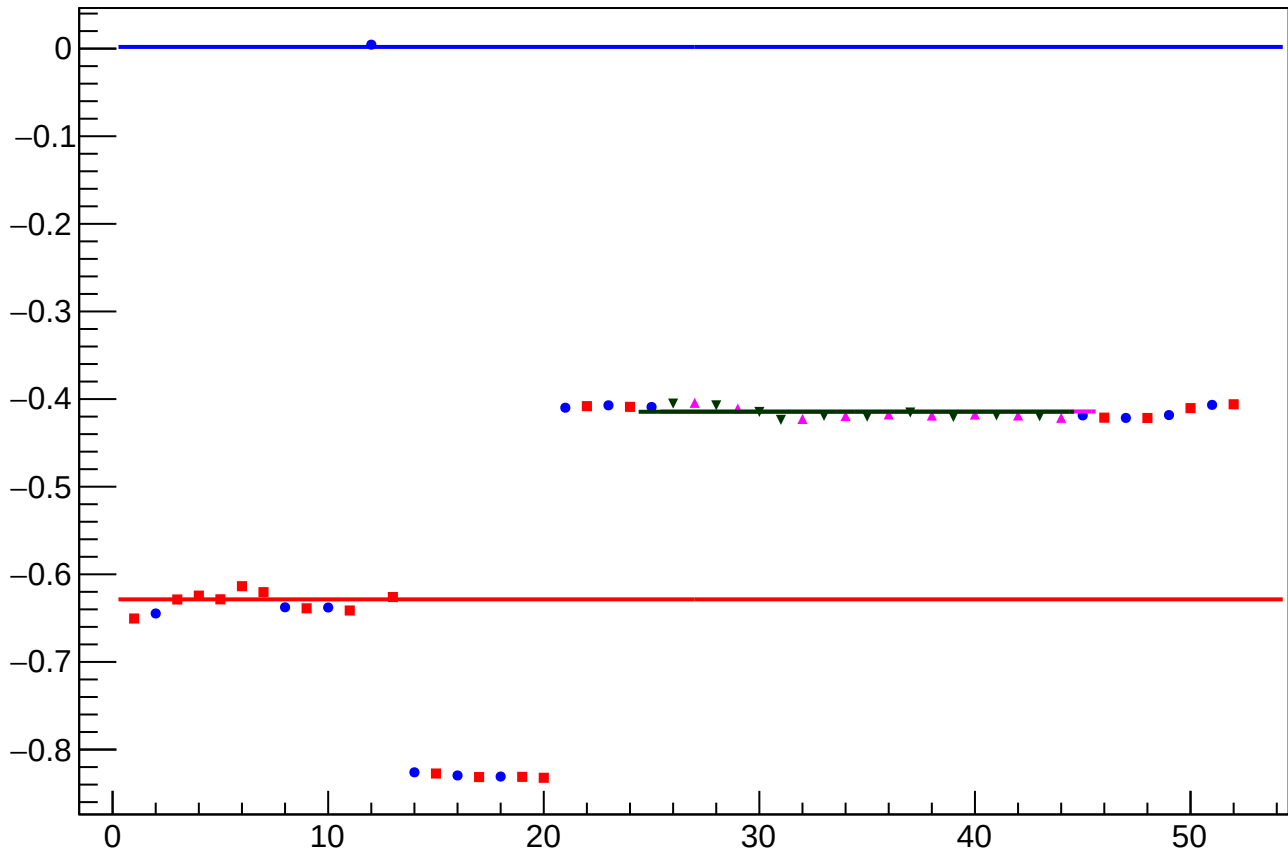
Left Out: 0.009+/-0.000 χ^2/NDF :53949.8/9

0.009+/-0.000 χ^2/NDF : 1703750.2/51

Right Out: 0.009+/-0.000 χ^2/NDF : 837881.8/18

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

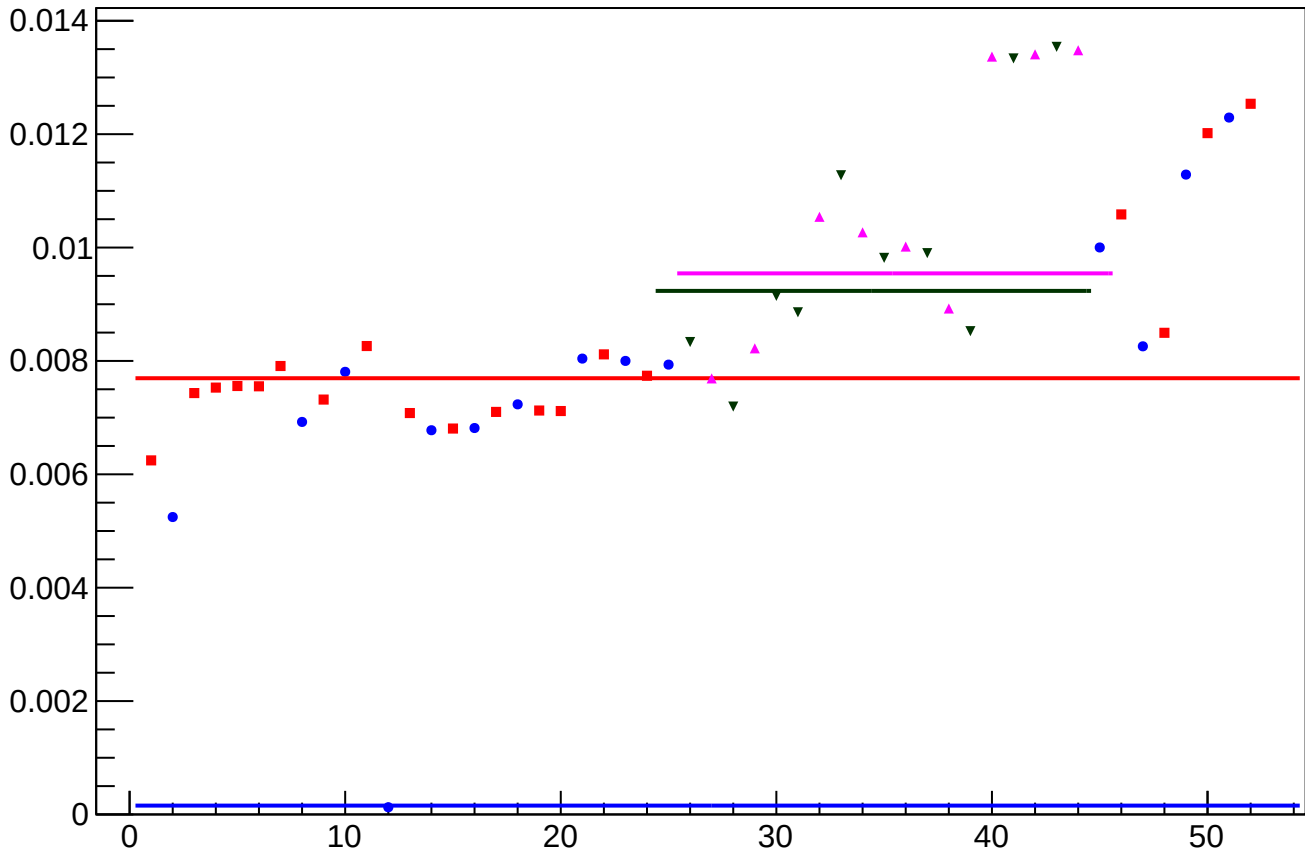
Left Out: -0.414+/-0.000 χ^2/NDF : 2323331.2/9

-0.002+/-0.000 χ^2/NDF : 145115971683.3/51

Right Out: -0.629+/-0.000 χ^2/NDF : 3215074313.1/18

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

yield_bpm4acX_rms vs slug



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

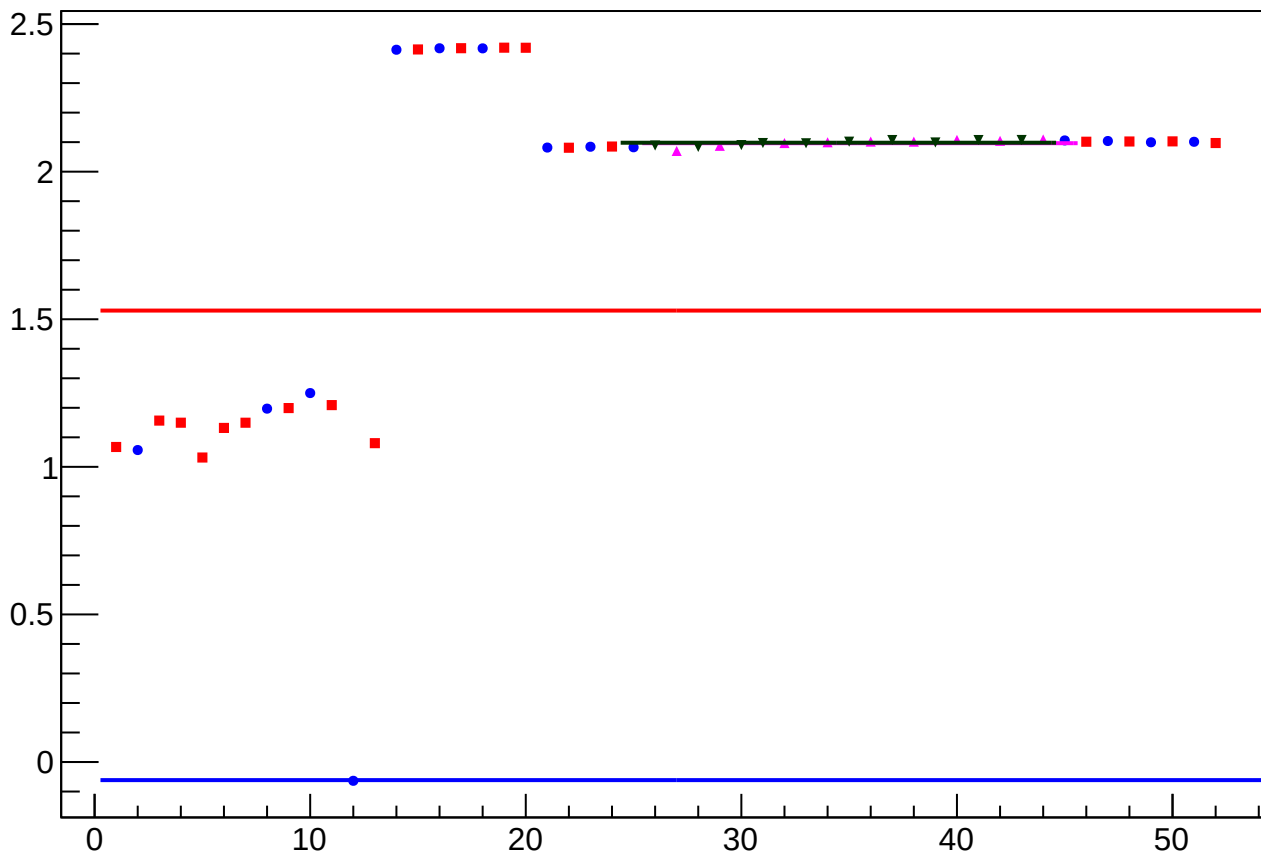
Left Out: 0.009+/-0.000 χ^2/NDF : 378139.6/9

0.000+/-0.000 χ^2/NDF : 53751504.4/51

Right Out: 0.008+/-0.000 χ^2/NDF : 486329.7/18

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

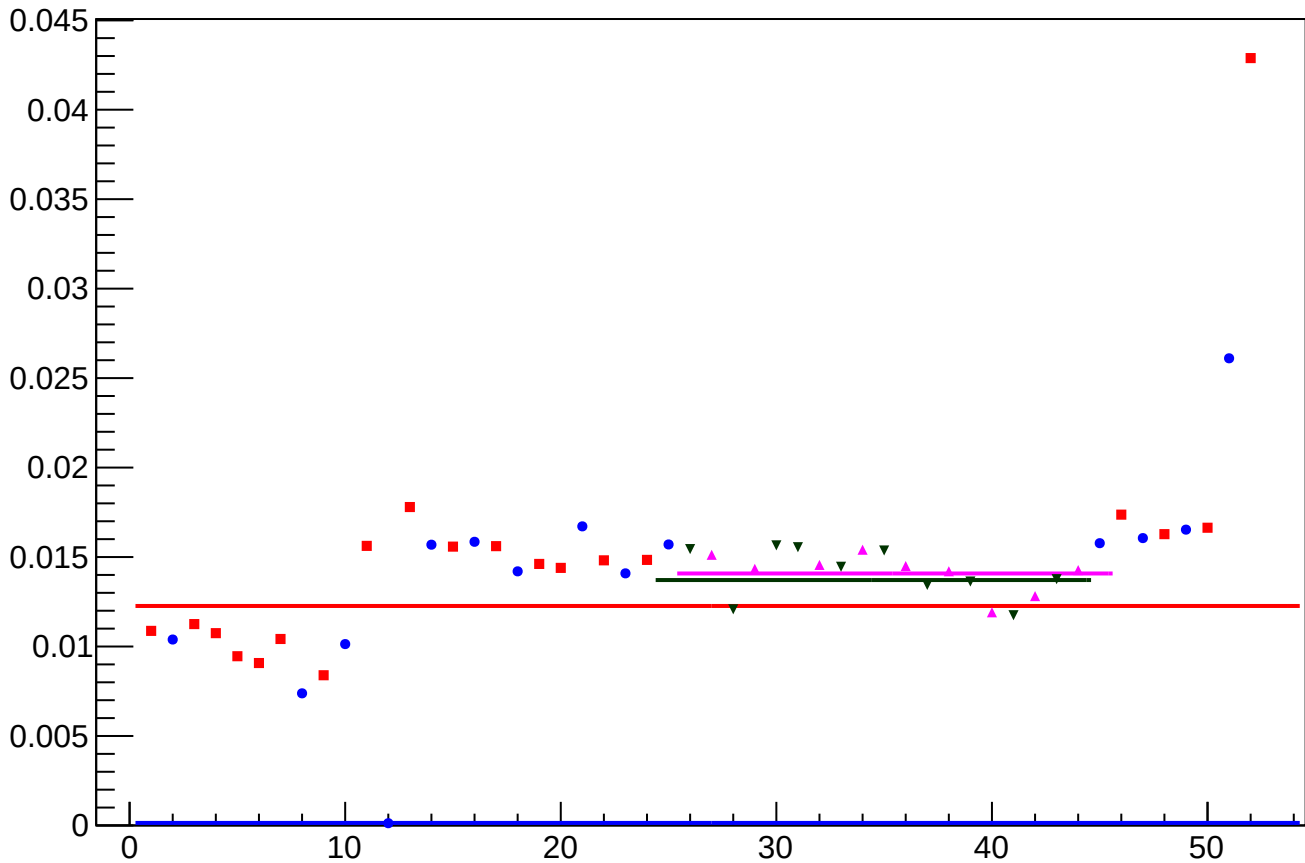
Left Out: 2.098+/-0.000 χ^2/NDF :1989190.8/9

Right Out: 1.529+/-0.000 χ^2/NDF : 14522243099.3/18

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

-0.056+/-0.000 χ^2/NDF : 556597242957.4/51

yield_bpm4acY_rms vs slug



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

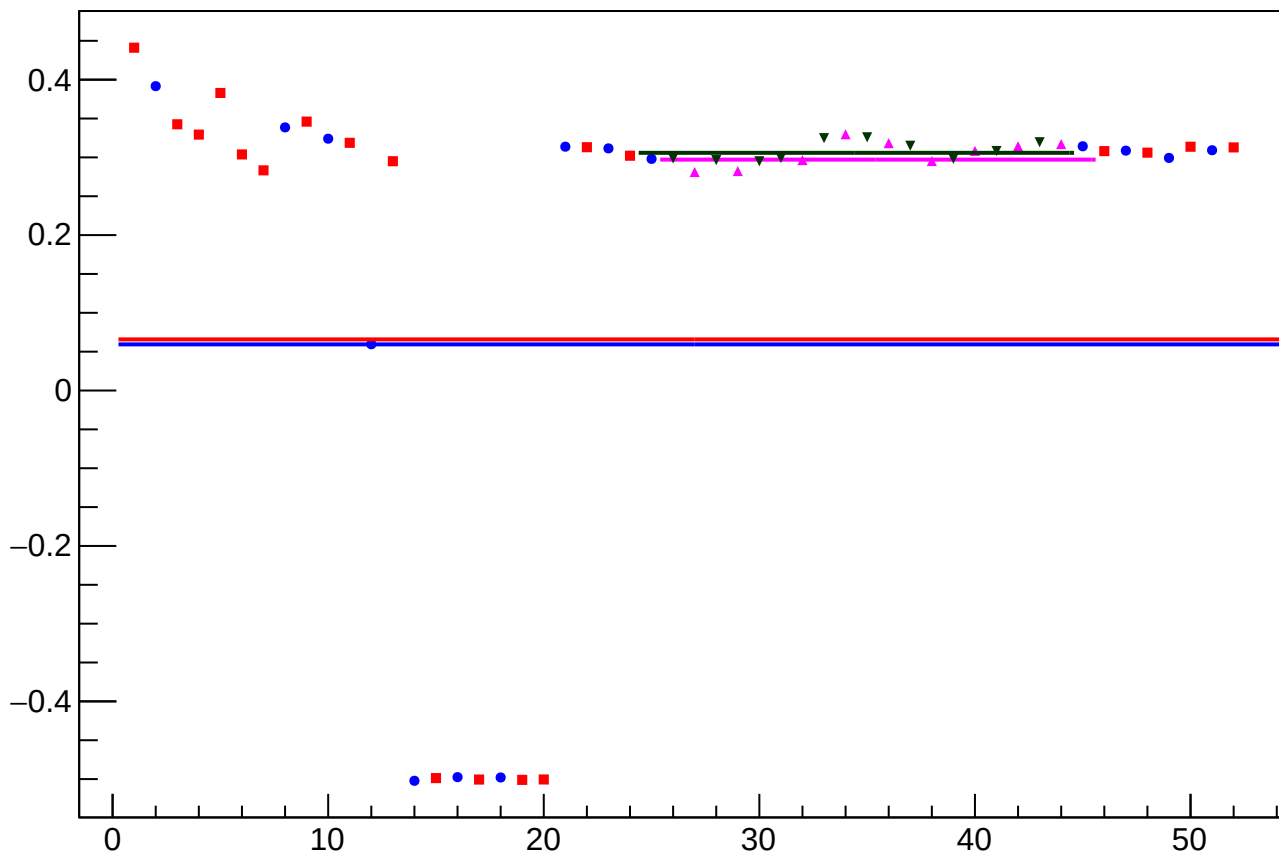
Left Out: 0.014+/-0.000 χ^2 /NDF:105900.8/9

0.000+/-0.000 χ^2 /NDF: 53124502.1/51

Right Out: 0.012+/-0.000 χ^2 /NDF: 1522887.6/18

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

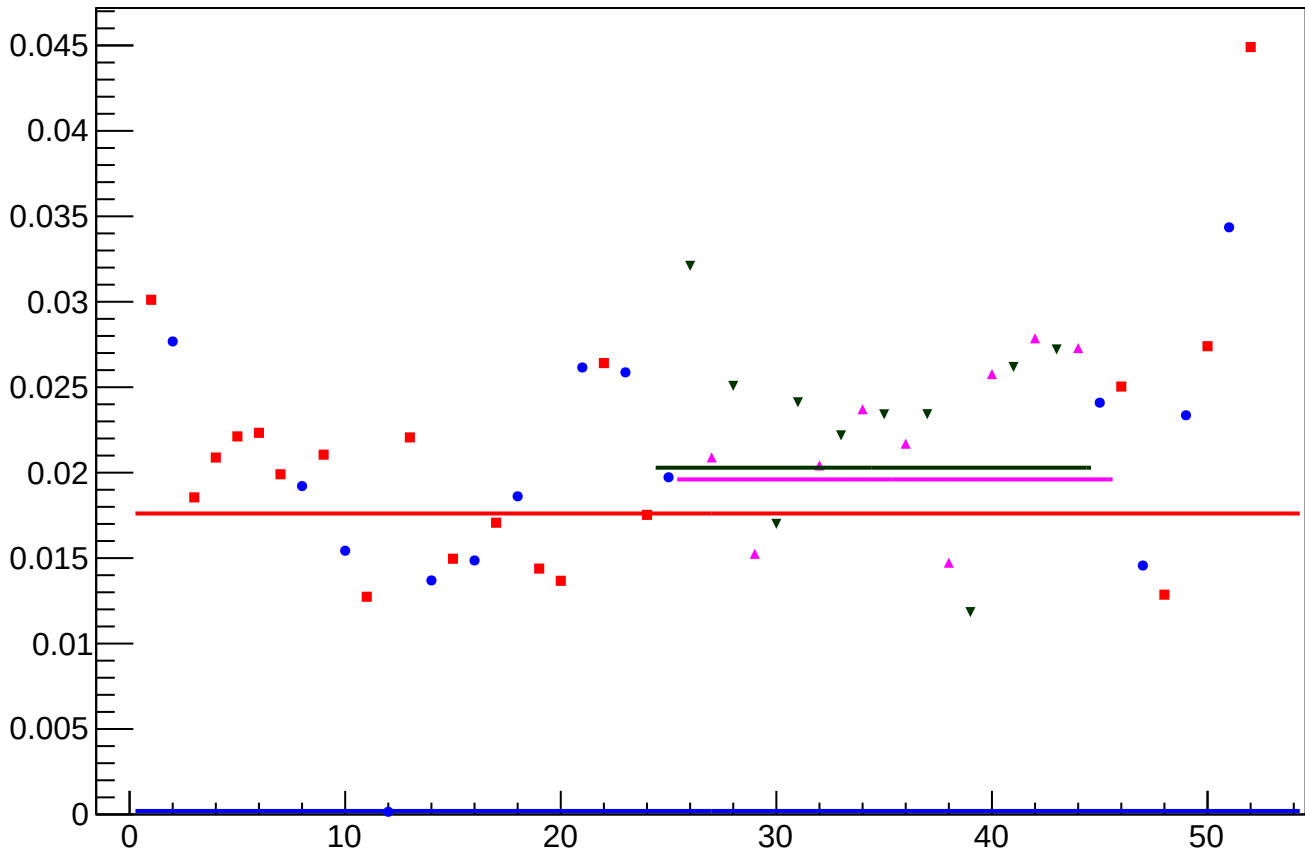
Left Out: 0.306+/-0.000 χ^2/NDF : 1442244.8/9

0.060+/-0.000 χ^2/NDF : 8826015370.6/51

Right Out: 0.066+/-0.000 χ^2/NDF : 3647044938.4/18

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

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15846773.2/13

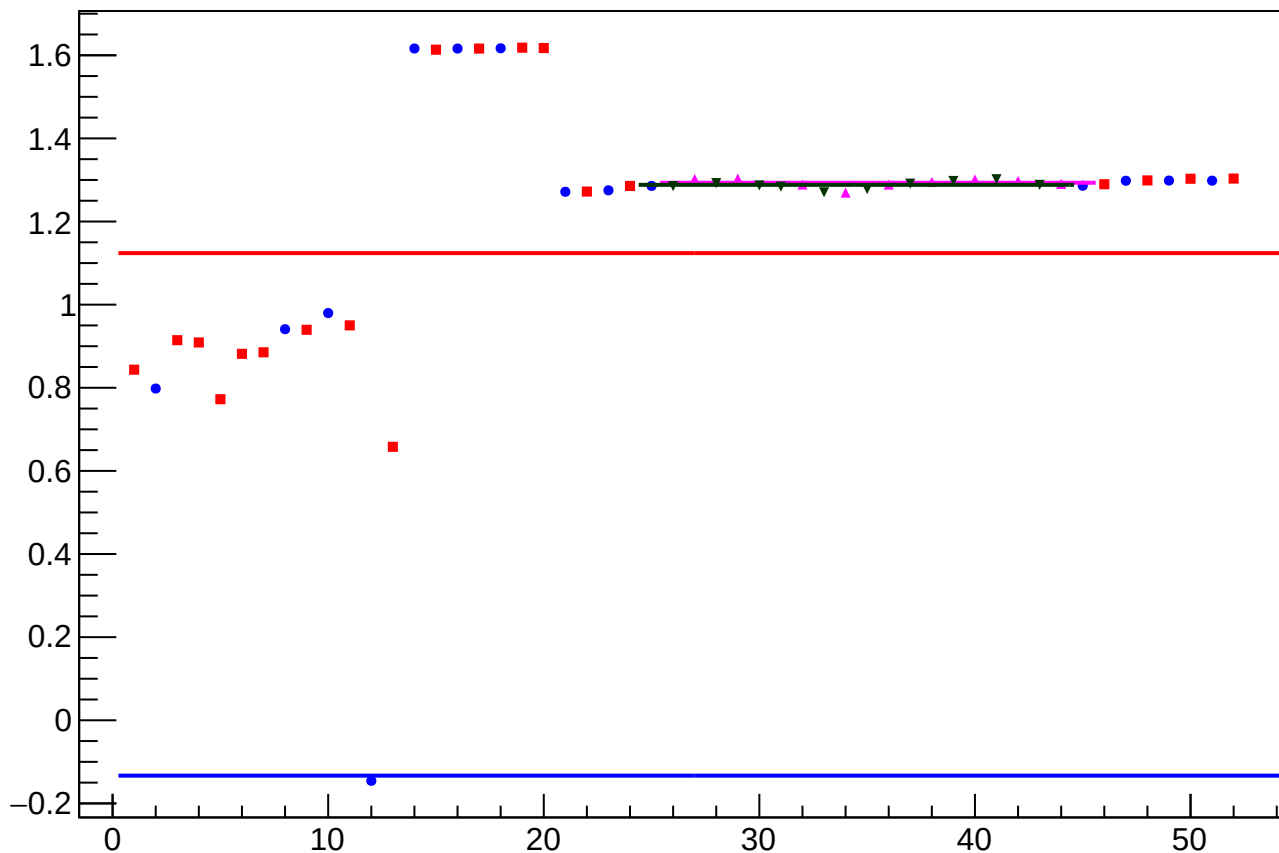
Left Out: 0.020+/-0.000 χ^2/NDF : 809735.4/9

0.000+/-0.000 χ^2/NDF : 52449221.2/51

Right Out: 0.018+/-0.000 χ^2/NDF : 1471167.7/18

Left In: 0.020+/-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

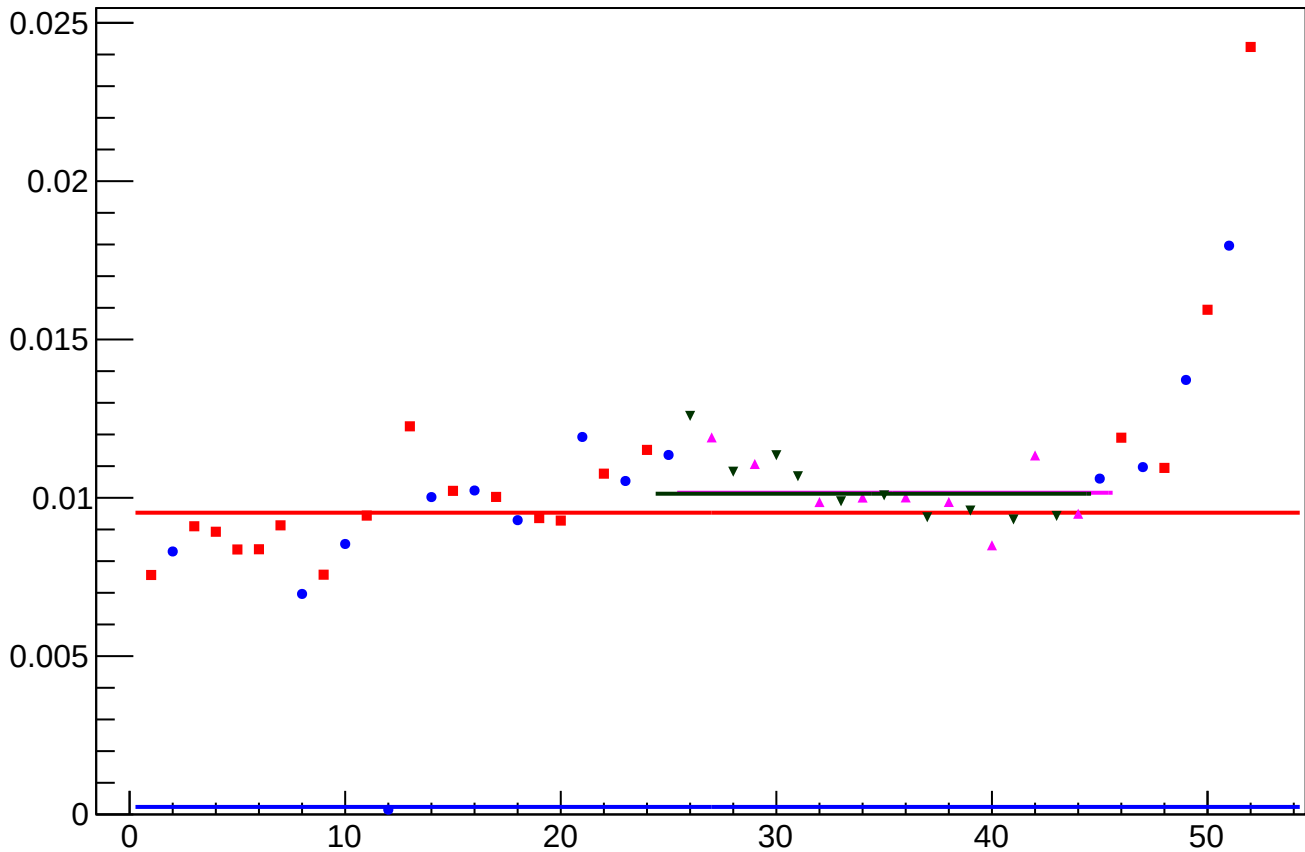
Left Out: 1.288+/-0.000 χ^2/NDF : 3975612.3/9

Right Out: 1.124+/-0.000 χ^2/NDF : 8060195131.4/18

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

-0.106+/-0.000 χ^2/NDF : 507192237077.9/51

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15652832.2/13

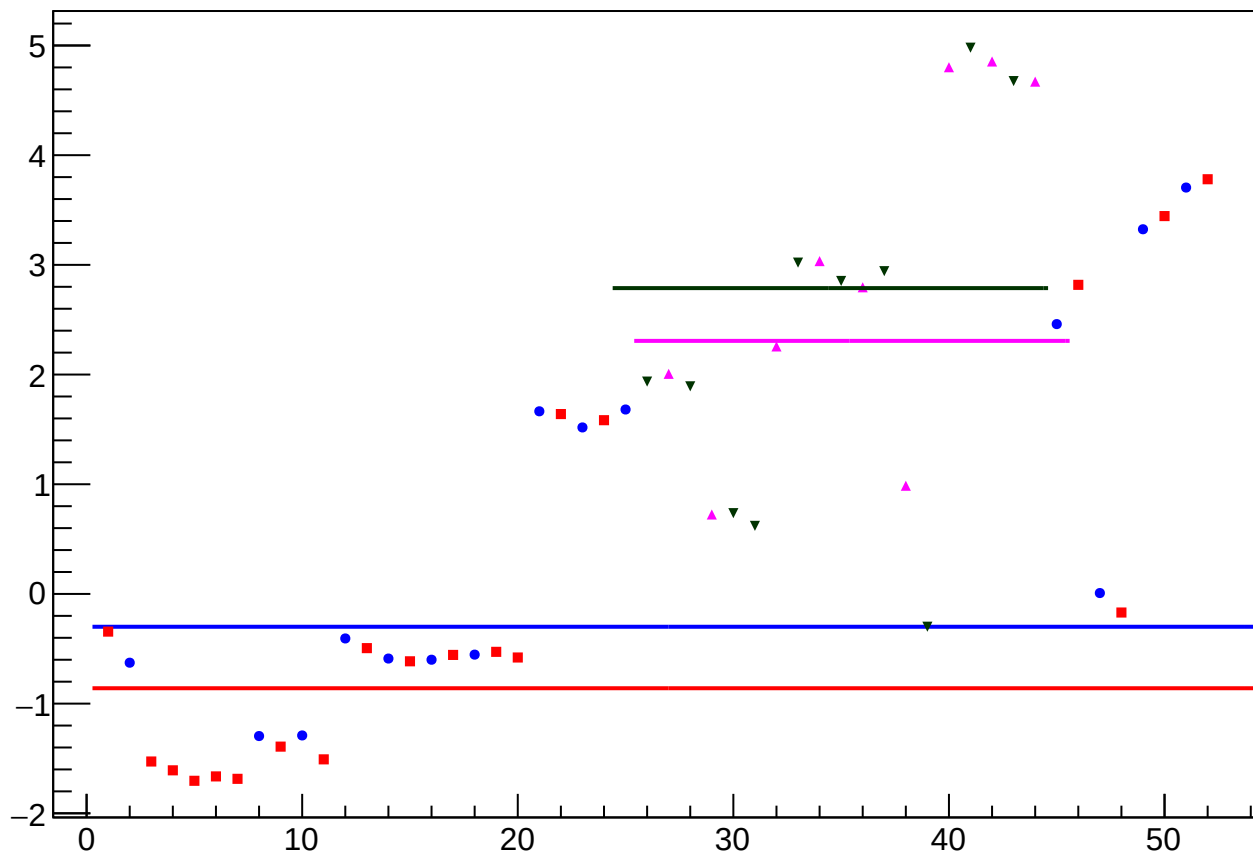
Left Out: 0.010+/-0.000 χ^2/NDF : 78195.0/9

0.000+/-0.000 χ^2/NDF : 51323661.7/51

Right Out: 0.010+/-0.000 χ^2/NDF : 850266.9/18

Left In: 0.010+/-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

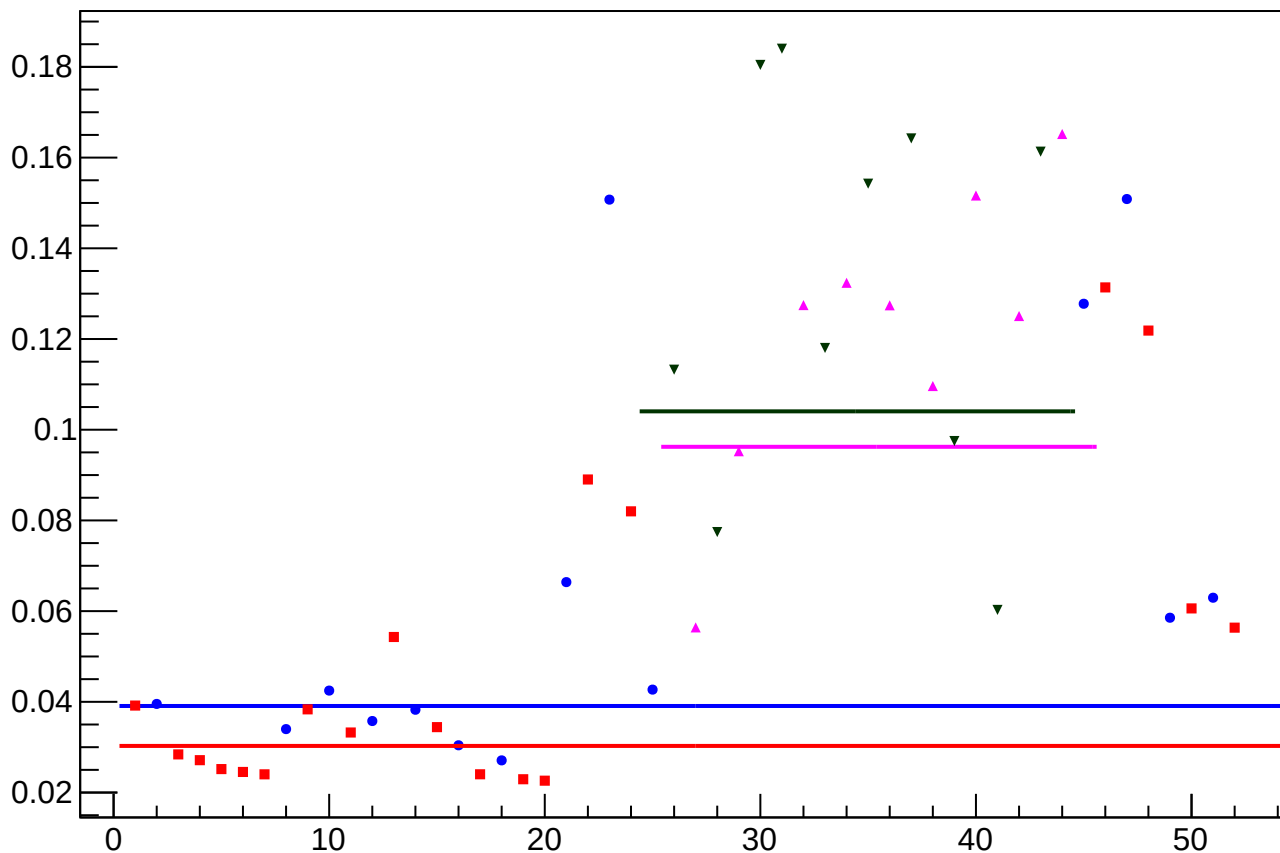
Left Out: 2.788+/-0.000 χ^2/NDF : 939335767.4/9

Right Out: -0.860+/-0.000 χ^2/NDF : 8288734213.7/18

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

-0.447+/-0.000 χ^2/NDF : 23669990247.2/51

yield_bpm1X_rms vs slug



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

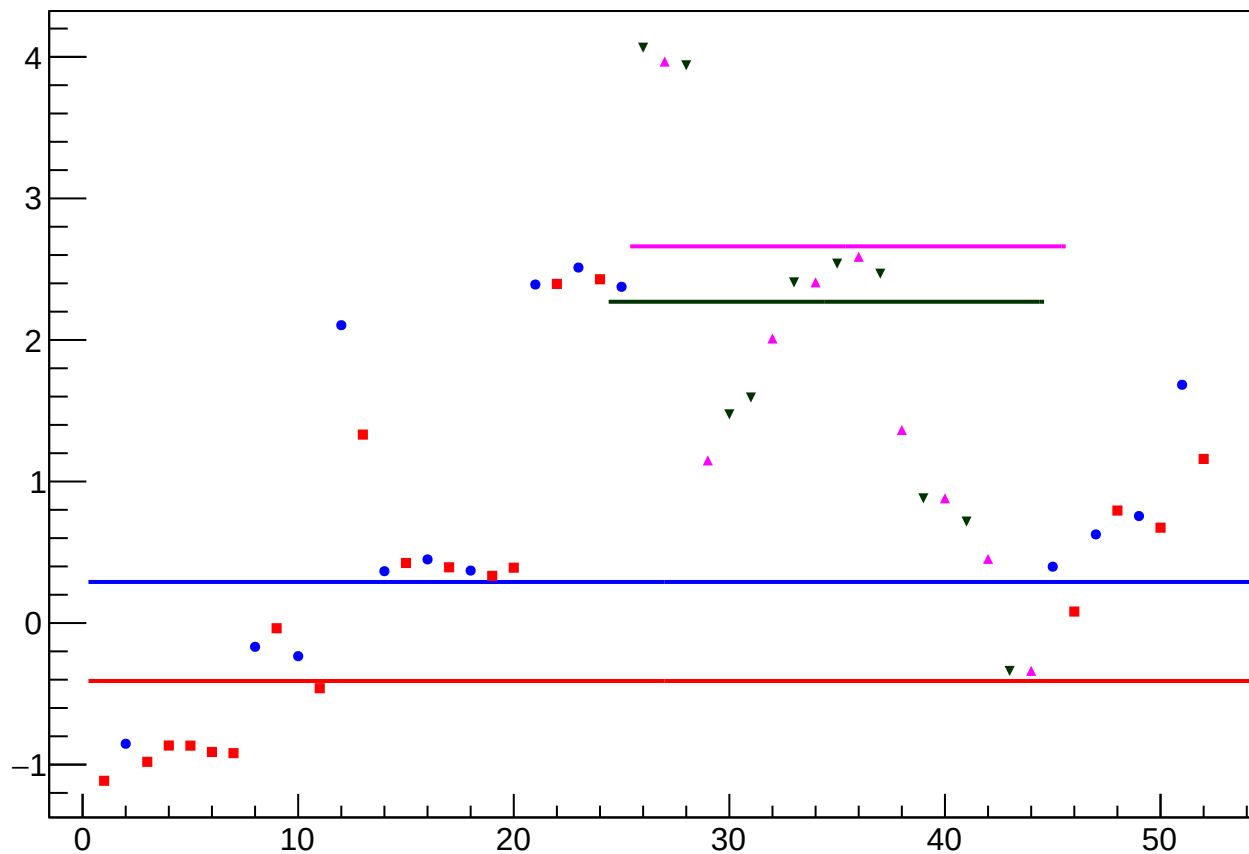
Left Out: 0.104+/-0.000 χ^2/NDF :1080558.8/9

Right Out: 0.030+/-0.000 χ^2/NDF : 2334622.8/18

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

0.038+/-0.000 χ^2/NDF : 13006372.0/51

yield_bpm1Y_mean vs slug



Right In: 0.290+/-0.000 χ^2/NDF : 7005951762.4/13

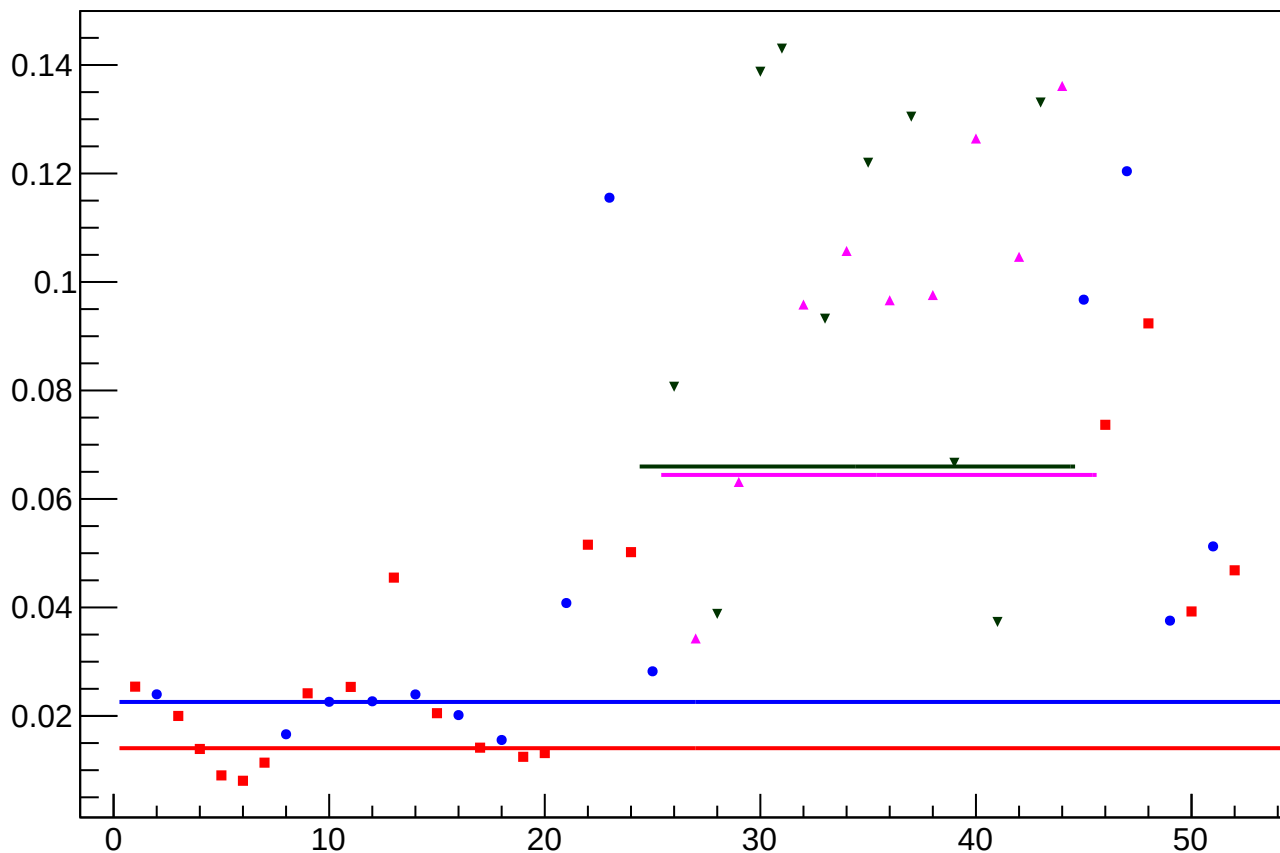
Left Out: 2.270+/-0.000 χ^2/NDF :1464784442.9/9

Right Out: -0.409+/-0.000 χ^2/NDF : 11214899604.2/18

Left In: 2.661+/-0.000 χ^2/NDF :1577532155.4/8

-0.096+/-0.000 χ^2/NDF : 35004942002.0/51

yield_bpm1Y_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 2602674.6/13

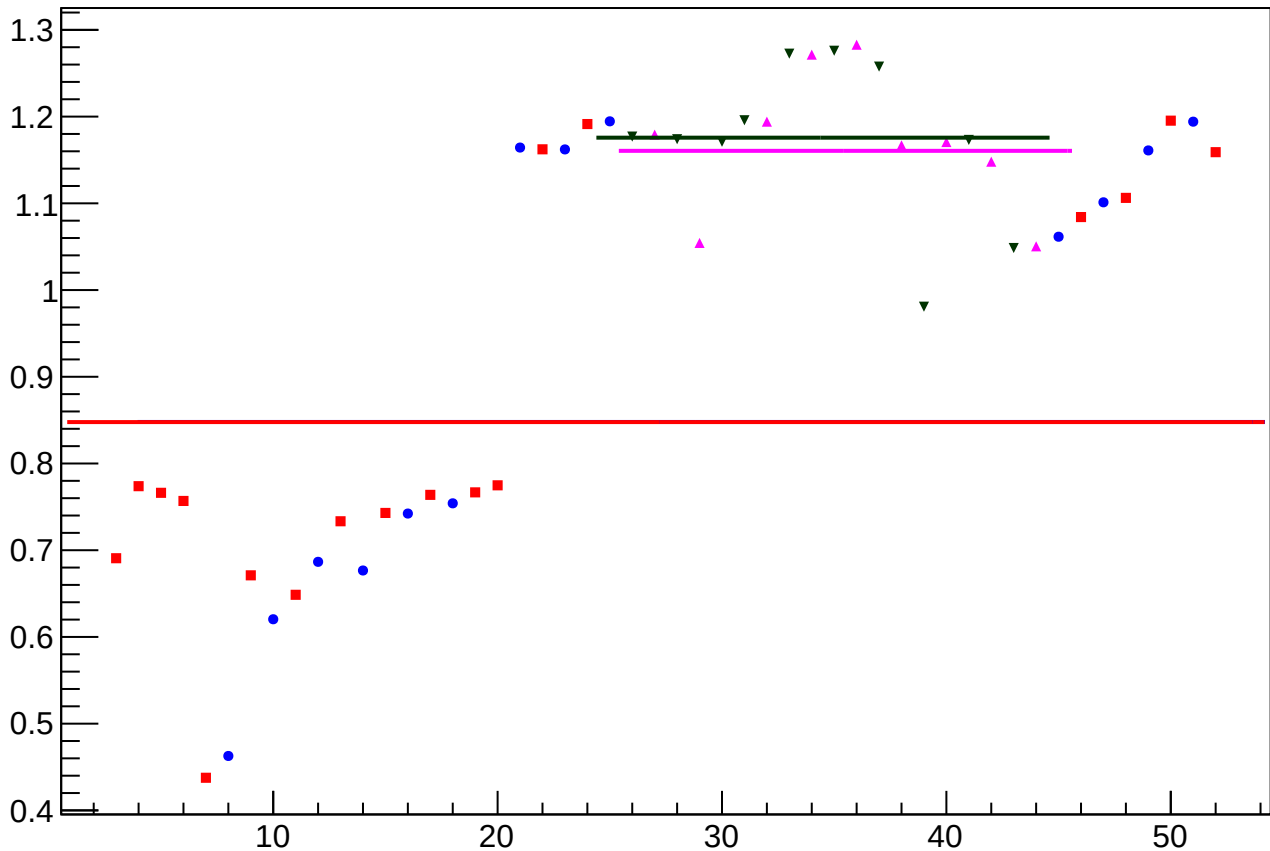
Left Out: 0.066+/-0.000 χ^2/NDF :1793503.7/9

Right Out: 0.014+/-0.000 χ^2/NDF : 3768007.2/18

Left In: 0.064+/-0.000 χ^2/NDF :1803129.9/8

0.019+/-0.000 χ^2/NDF : 17657512.2/51

yield_bpm11X_mean vs slug



Right In: 0.848 $\pm$ 0.000 χ^2 /NDF: 1192807406.6/12

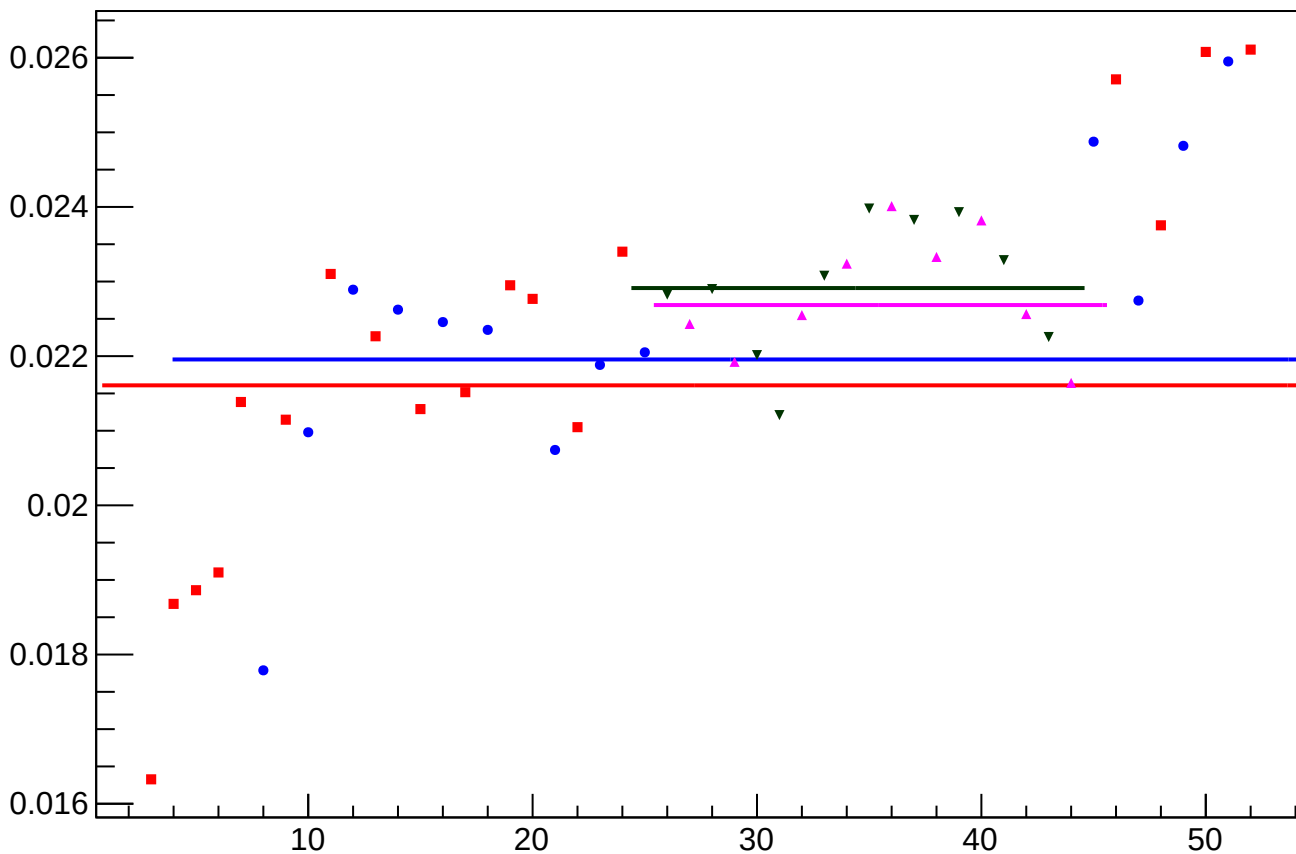
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66957643.7/9

0.968 $\pm$ 0.000 χ^2 /NDF: 3392753646.0/49

Right Out: 0.848 $\pm$ 0.000 χ^2 /NDF: 786853461.0/17

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF: 58009223.4/8

yield_bpm11X_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 162239.0/12

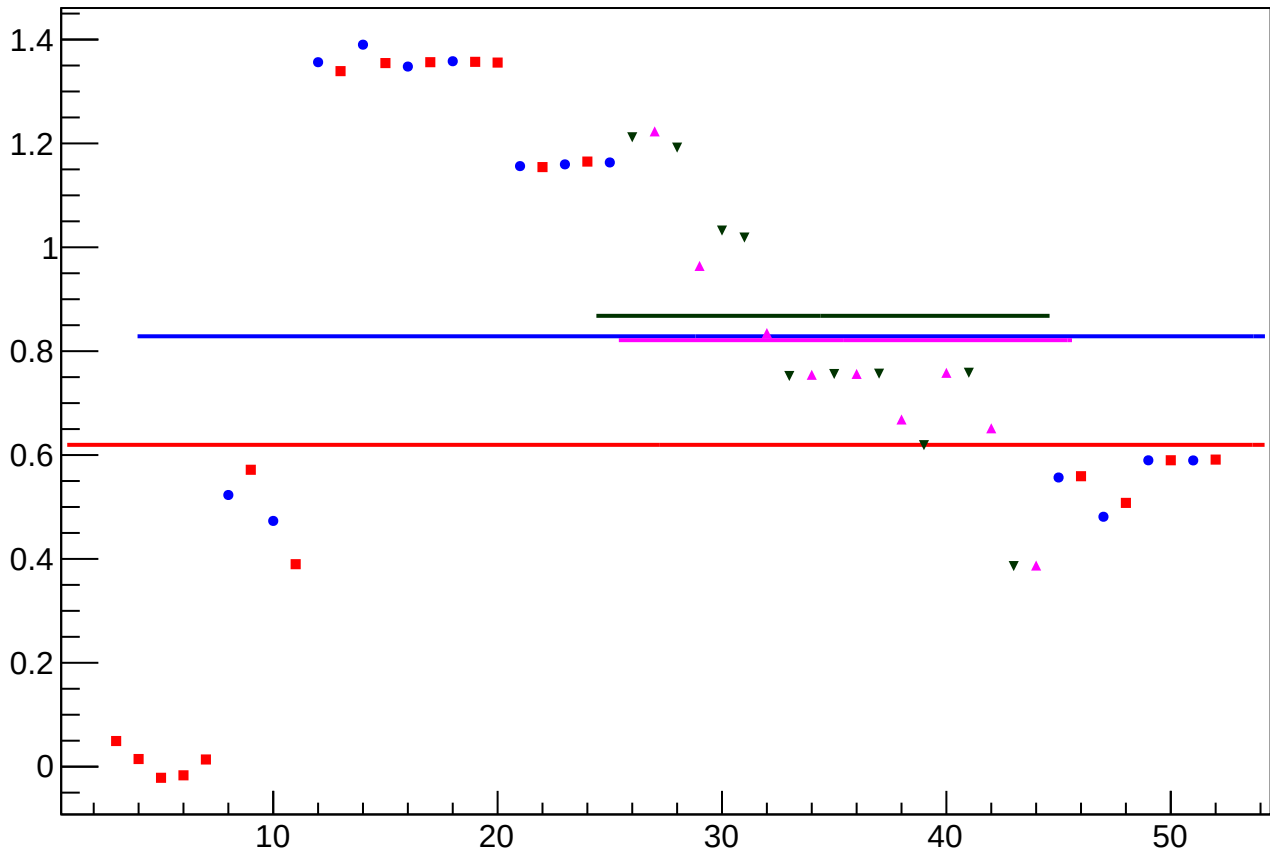
Left Out: 0.023+/-0.000 χ^2/NDF :12595.5/9

Right Out: 0.022+/-0.000 χ^2/NDF : 222649.8/17

Left In: 0.023+/-0.000 χ^2/NDF :10950.5/8

0.022+/-0.000 χ^2/NDF : 436917.0/49

yield_bpm11Y_mean vs slug



Right In: 0.829 $\pm$ 0.000 χ^2 /NDF: 89461020779.5/12

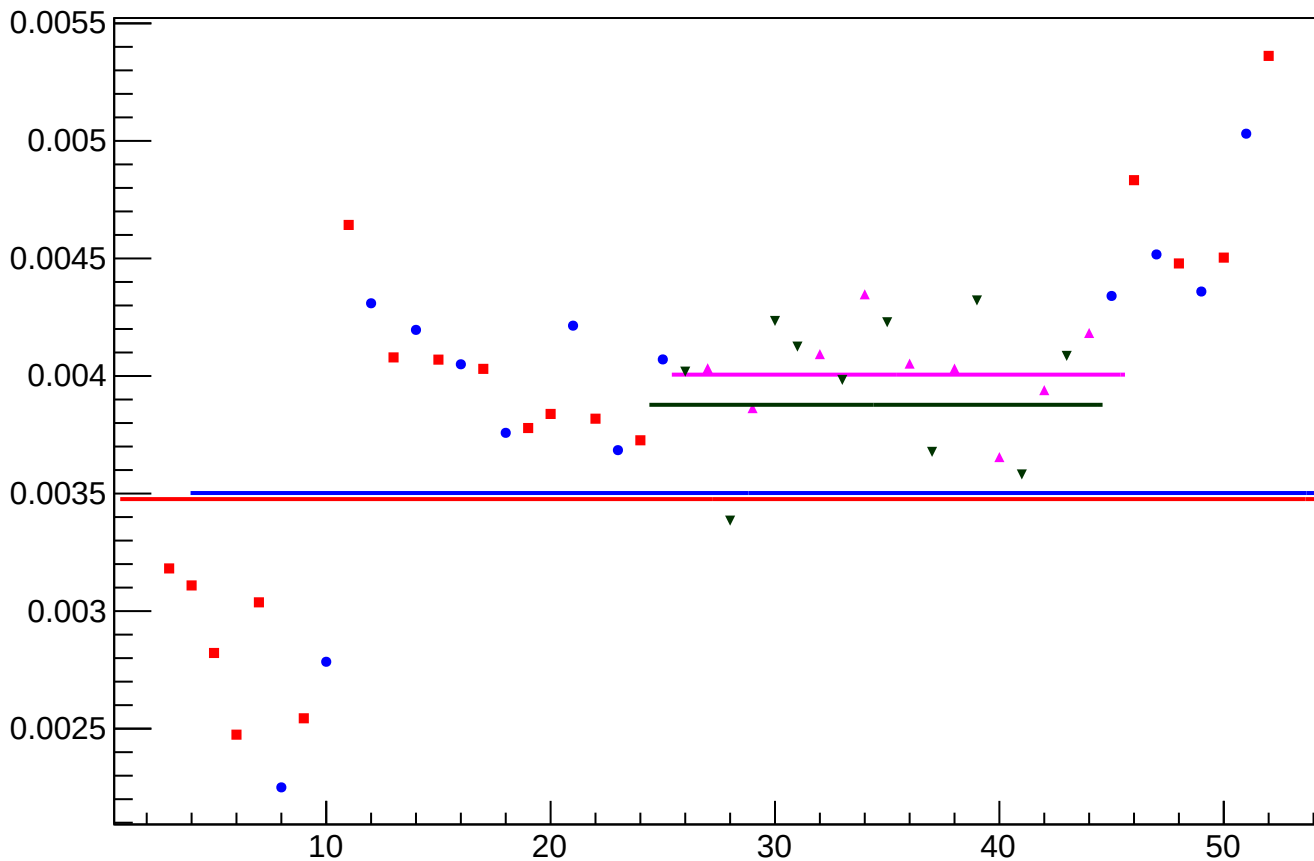
Left Out: 0.868 $\pm$ 0.000 χ^2 /NDF: 20106418581.2/9

0.764 $\pm$ 0.000 χ^2 /NDF: 320250030134.3/49

Right Out: 0.620 $\pm$ 0.000 χ^2 /NDF: 173219803313.3/17

Left In: 0.821 $\pm$ 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

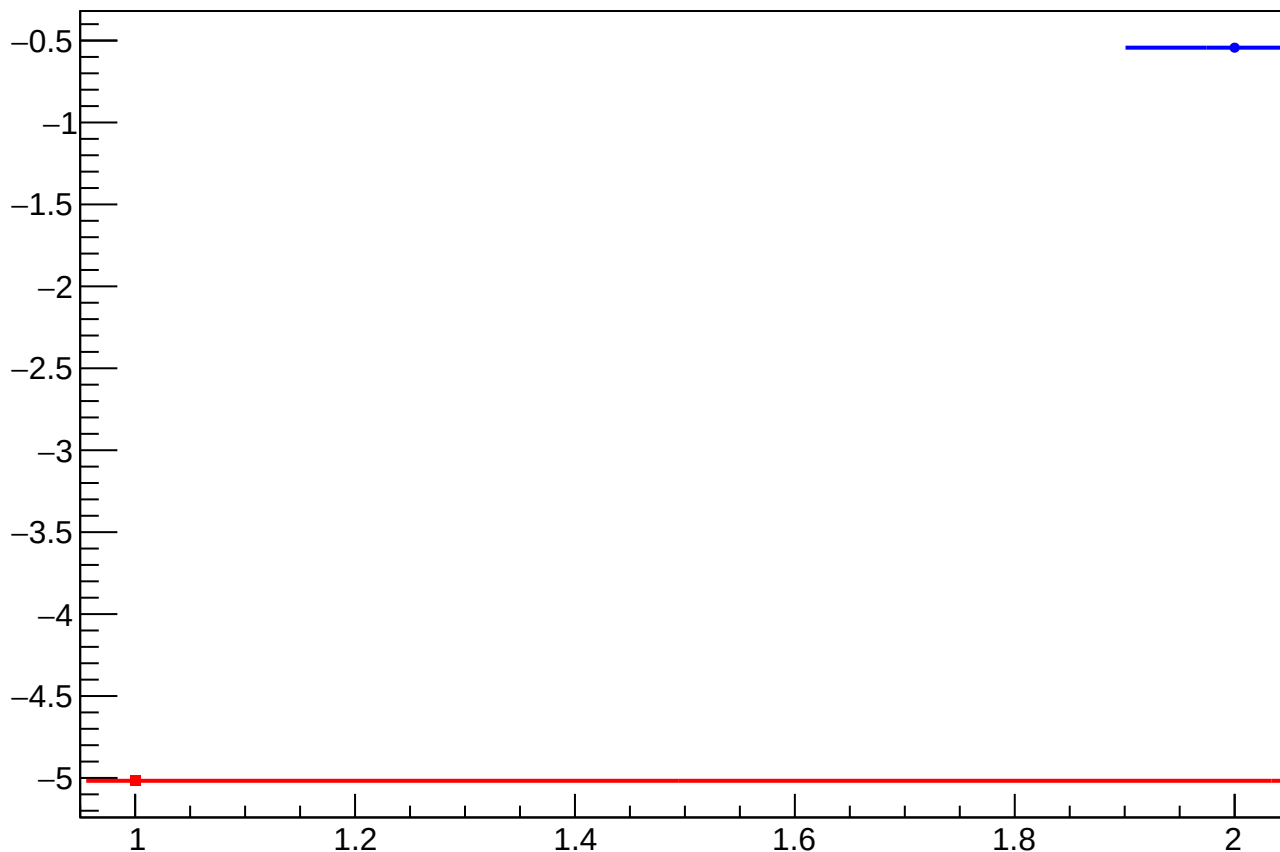
Left Out: 0.004+/-0.000 χ^2/NDF : 65302.6/9

Right Out: 0.003+/-0.000 χ^2/NDF : 882774.2/17

Left In: 0.004+/-0.000 χ^2/NDF : 20421.7/8

0.004+/-0.000 χ^2/NDF : 2147560.8/49

yield_bpm14X_mean vs slug



Right In: -0.544+/-0.000 χ^2 /NDF: 0.0/0

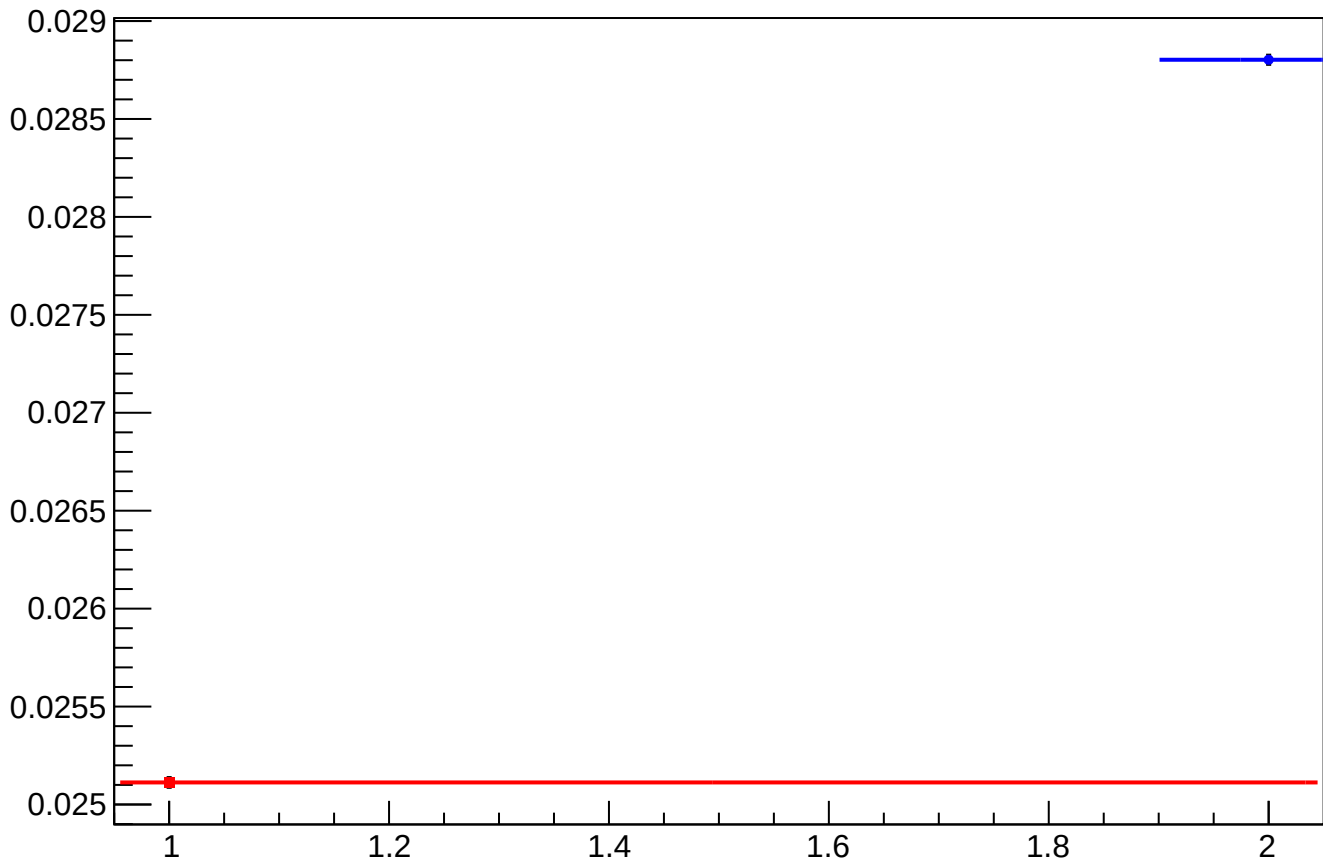
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

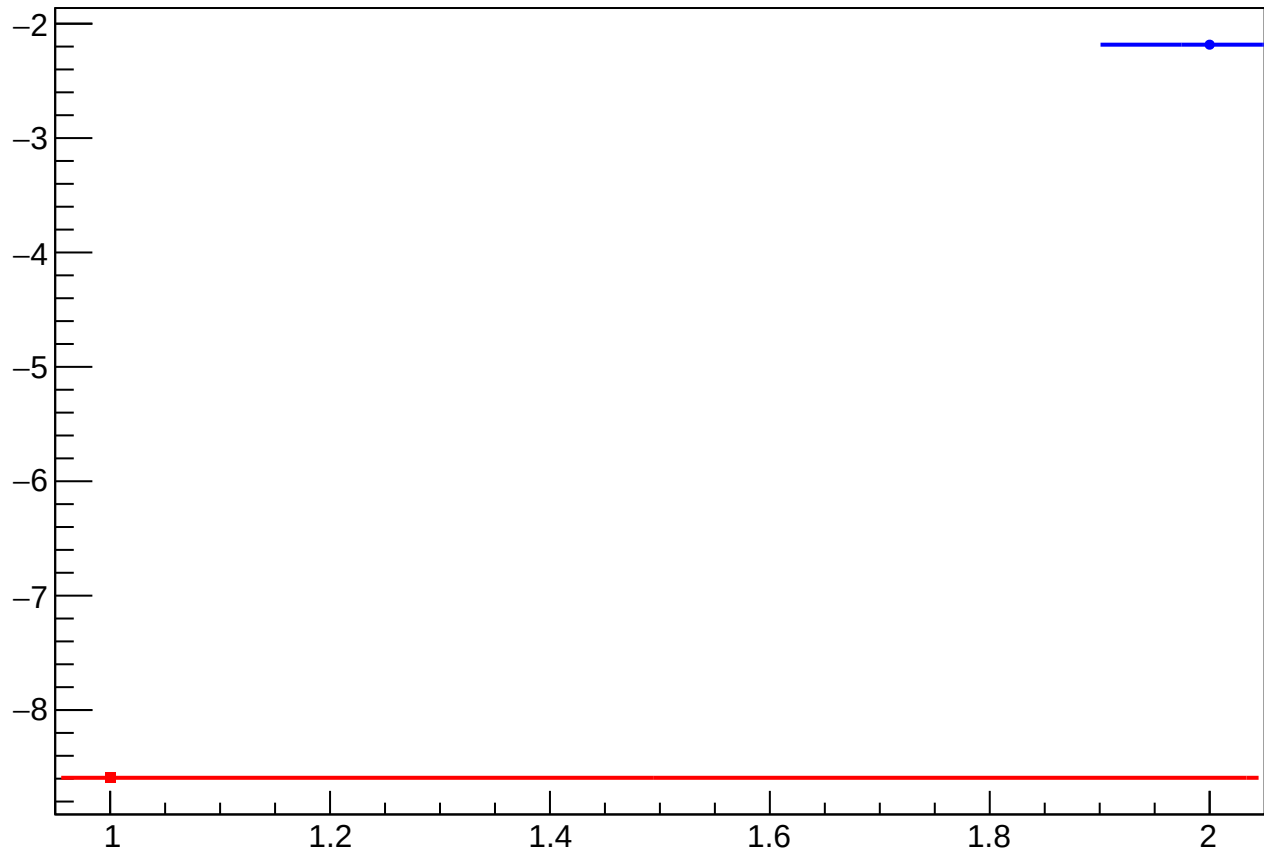
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

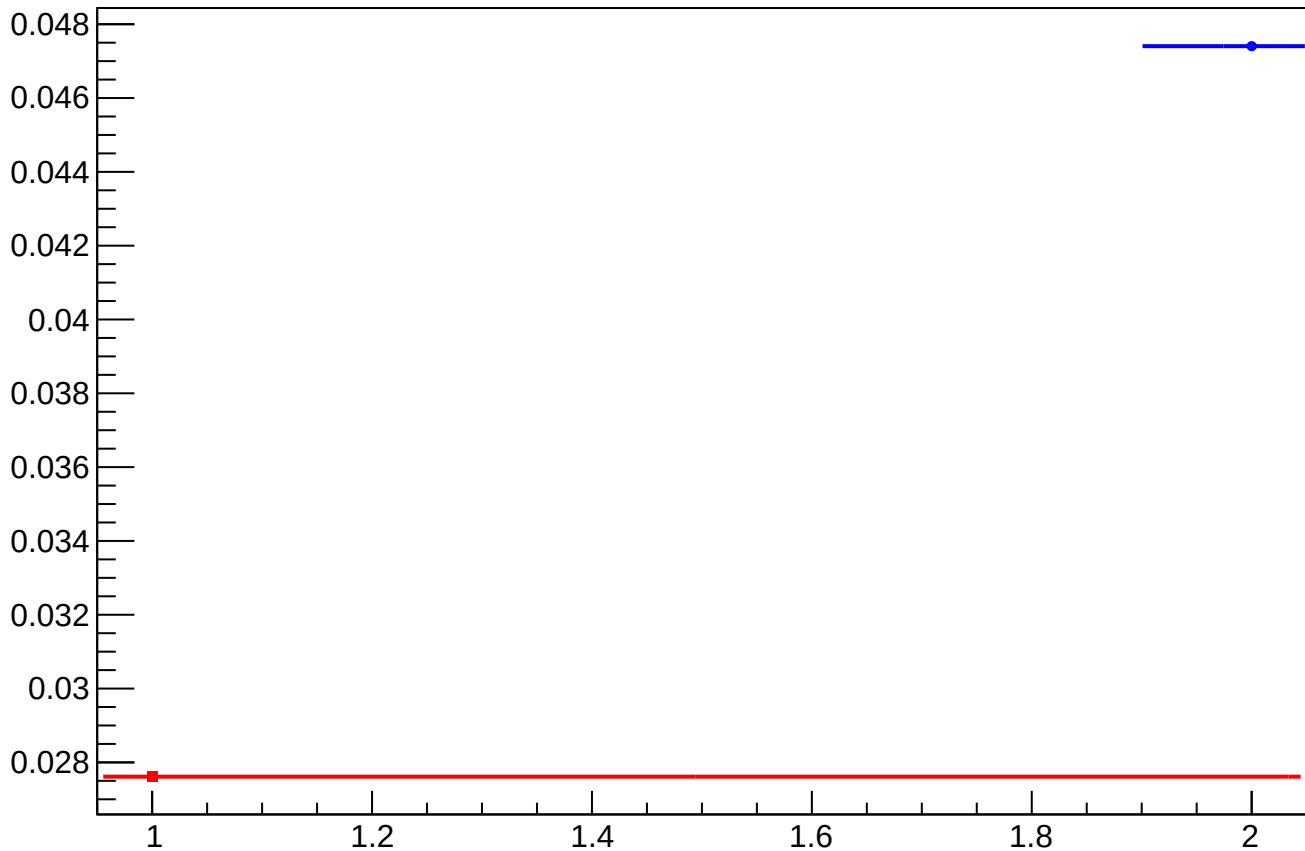
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

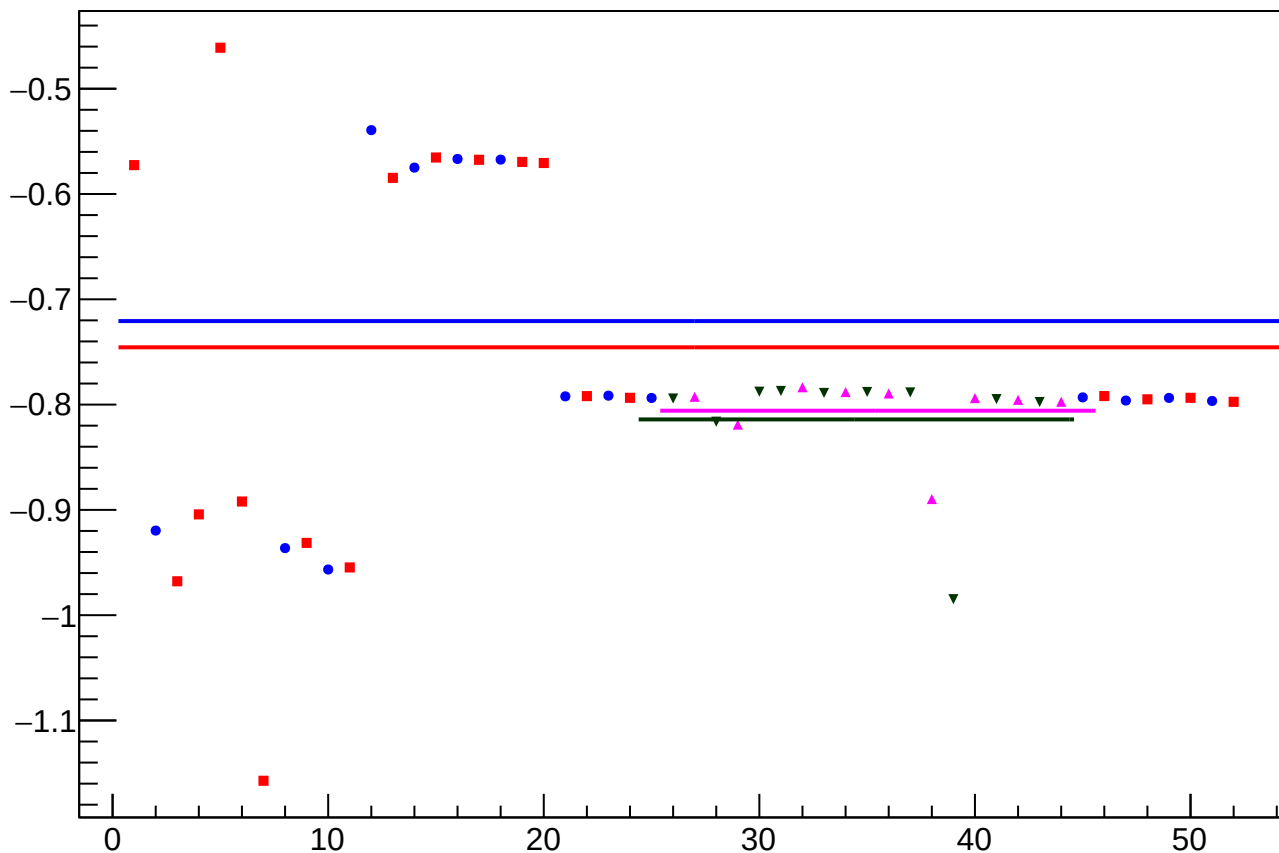
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.028 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.035 $\pm$ 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

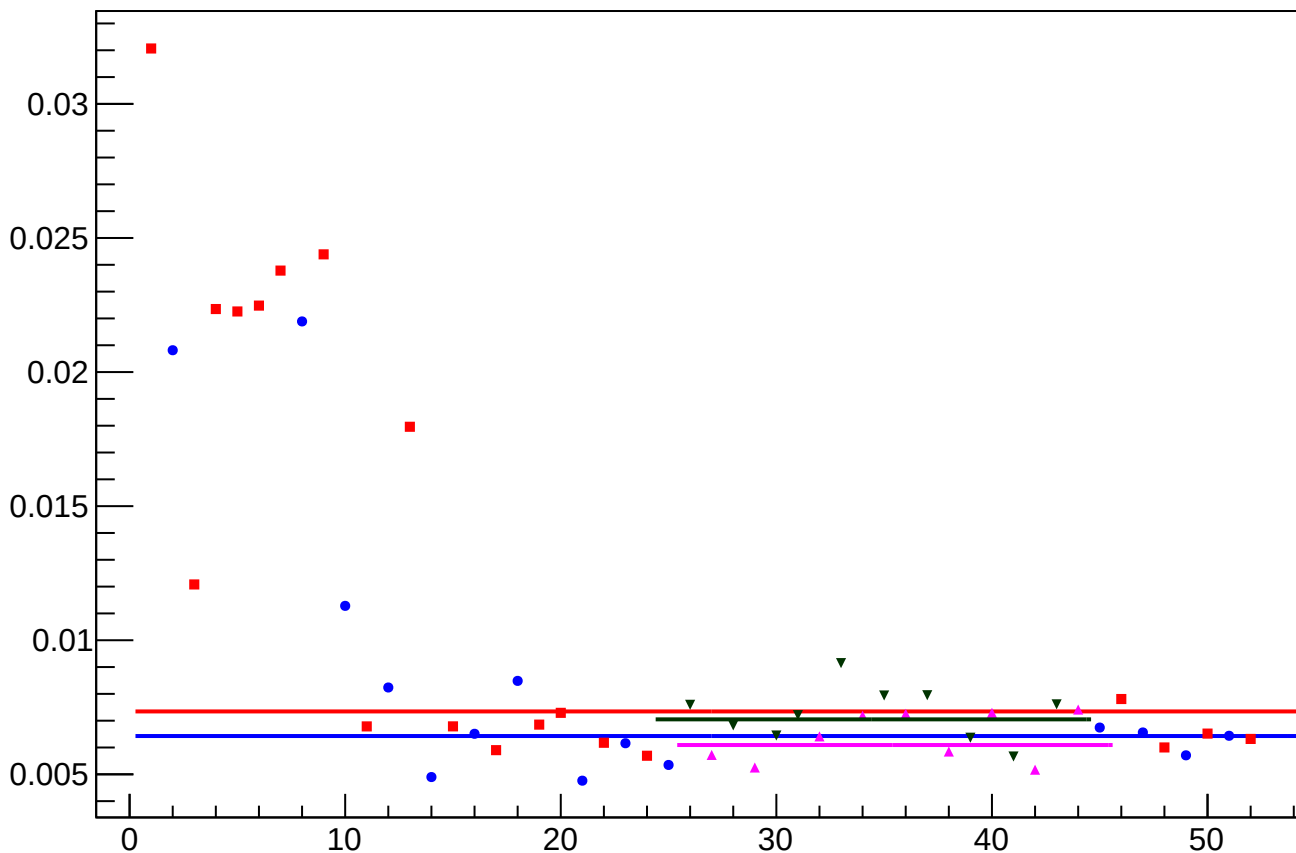
Left Out: -0.814+/-0.000 χ^2/NDF : 256464104.9/9

Right Out: -0.746+/-0.000 χ^2/NDF : 1968850584.9/18

Left In: -0.806+/-0.000 χ^2/NDF : 95420570.3/8

-0.764+/-0.000 χ^2/NDF : 5094935540.6/51

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 2178582.6/13

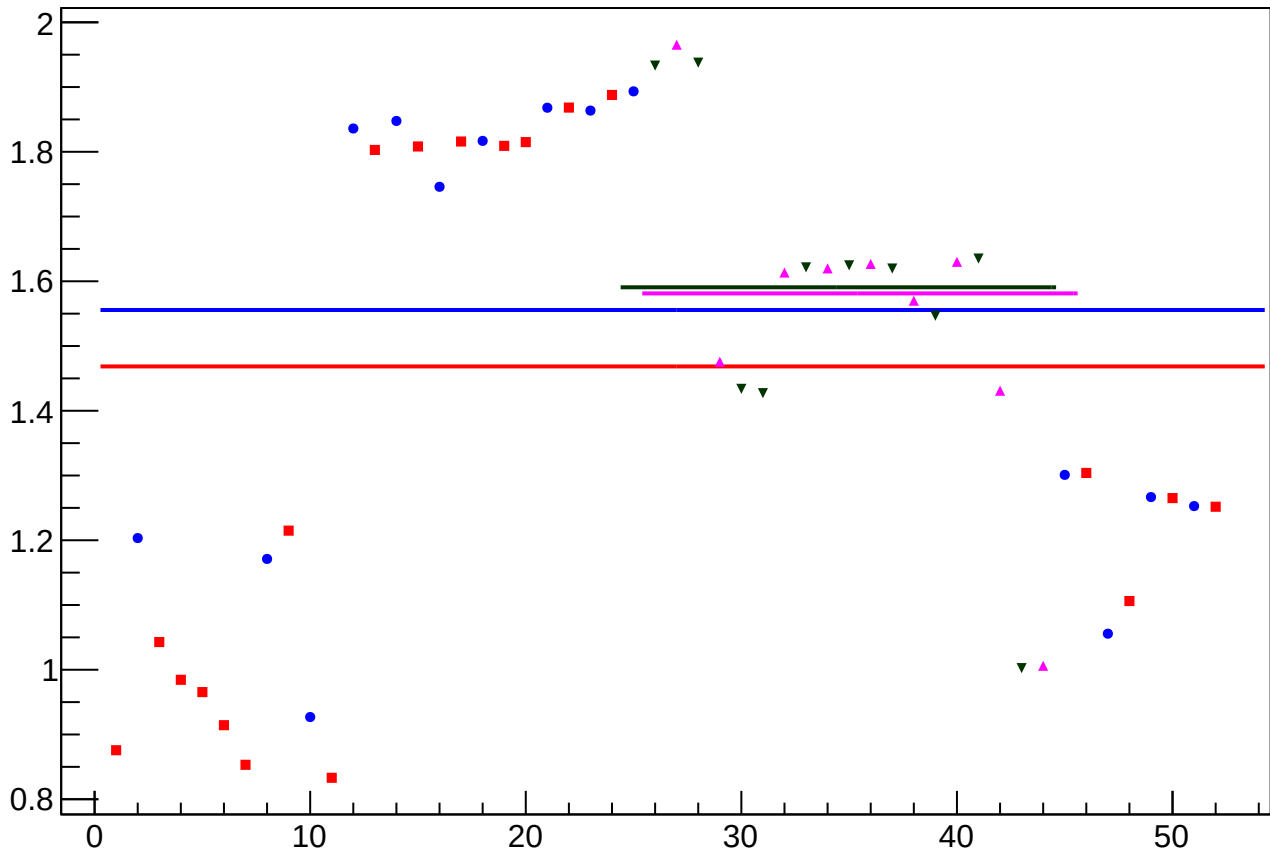
Left Out: 0.007+/-0.000 χ^2/NDF :135734.7/9

Right Out: 0.007+/-0.000 χ^2/NDF : 3088974.9/18

Left In: 0.006+/-0.000 χ^2/NDF :142784.9/8

0.007+/-0.000 χ^2/NDF : 5754534.7/51

yield_bpm12Y_mean vs slug



Right In: 1.556+/-0.000 χ^2/NDF : 18802487416.0/13

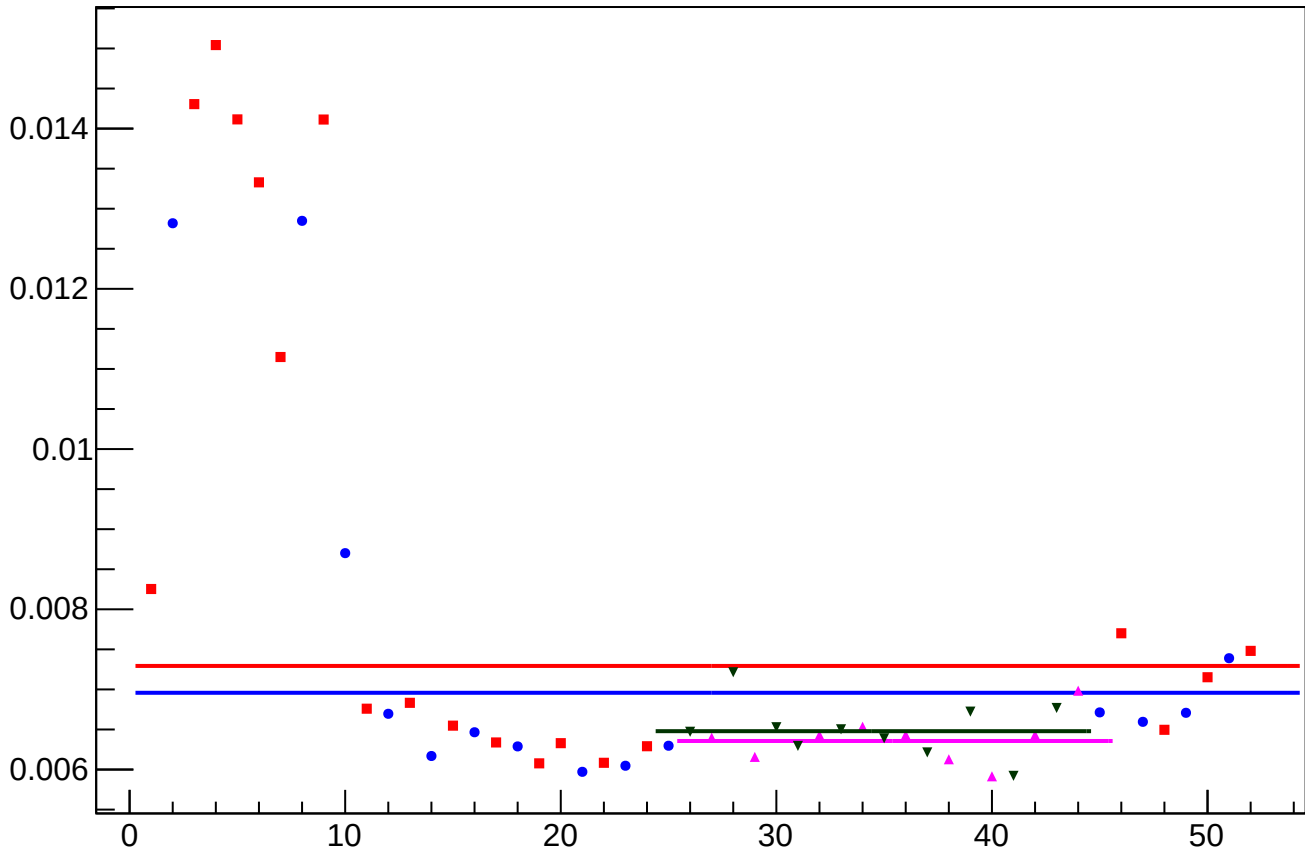
Left Out: 1.591+/-0.000 χ^2/NDF : 6915023790.1/9

1.546+/-0.000 χ^2/NDF : 57270467392.8/51

Right Out: 1.468+/-0.000 χ^2/NDF : 23525229652.4/18

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

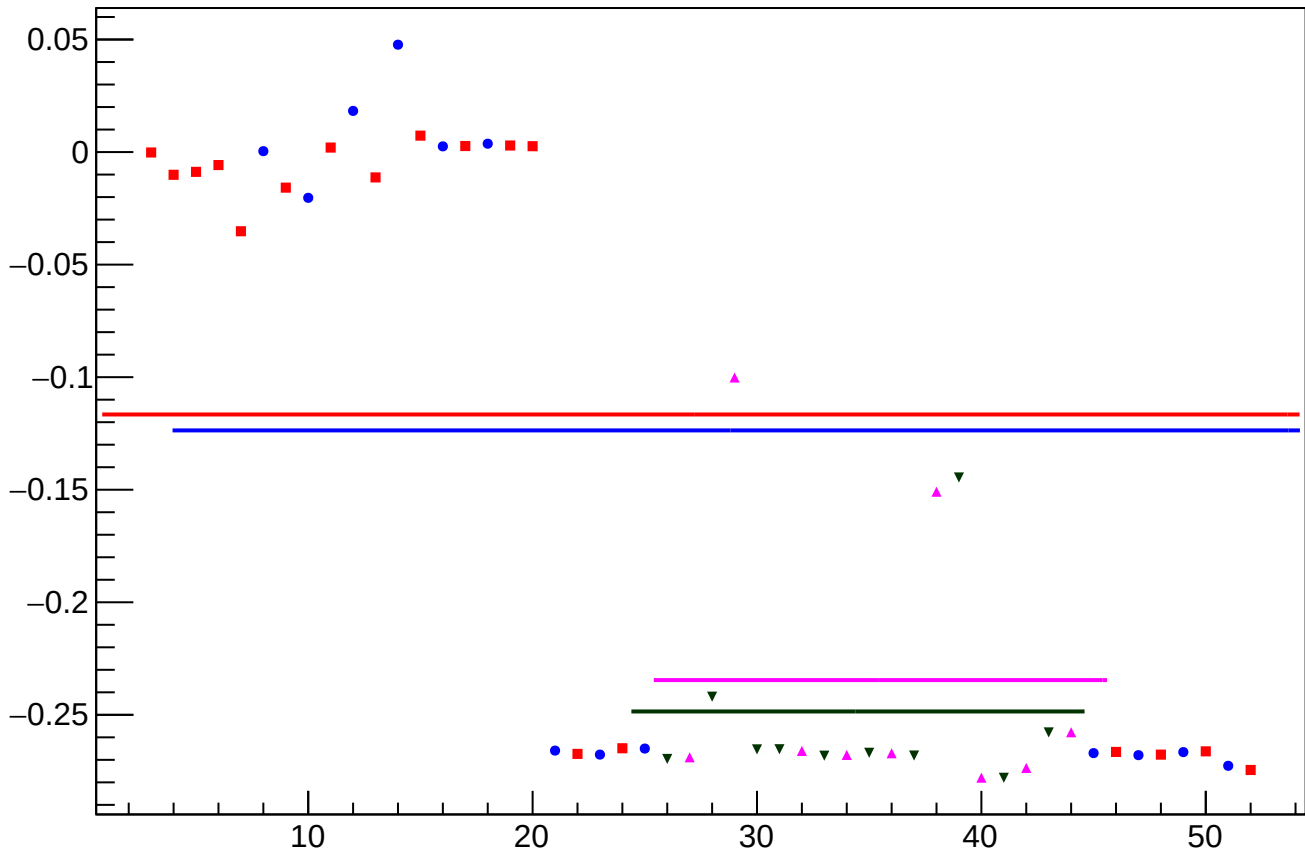
Left Out: 0.006+/-0.000 χ^2/NDF : 27614.9/9

0.007+/-0.000 χ^2/NDF : 2270095.1/51

Right Out: 0.007+/-0.000 χ^2/NDF : 1221121.4/18

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

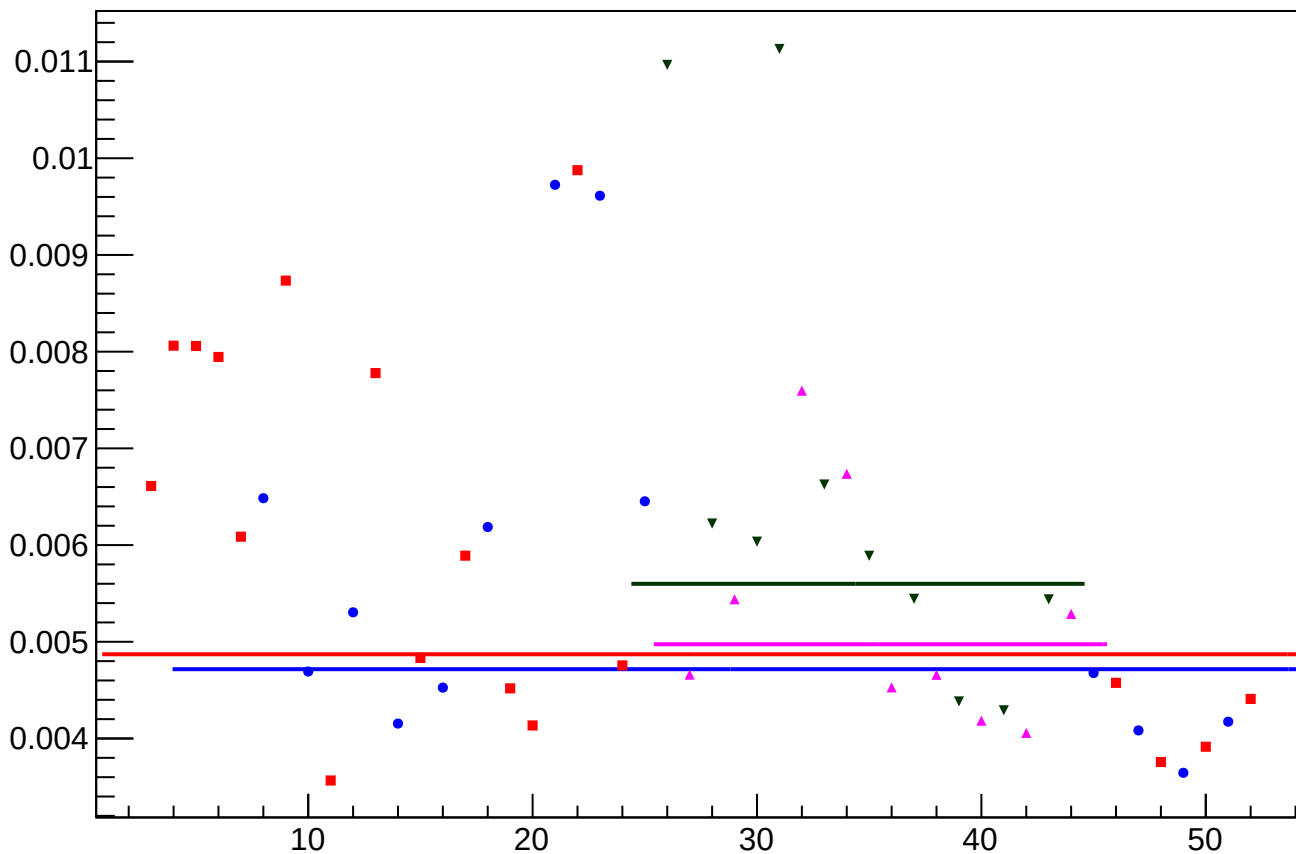
Left Out: -0.249+/-0.000 χ^2/NDF : 259520156.5/9

-0.163+/-0.000 χ^2/NDF : 15645482224.3/49

Right Out: -0.117+/-0.000 χ^2/NDF : 5191908646.0/17

Left In: -0.235+/-0.000 χ^2/NDF : 786943875.1/8

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 978706.2/12

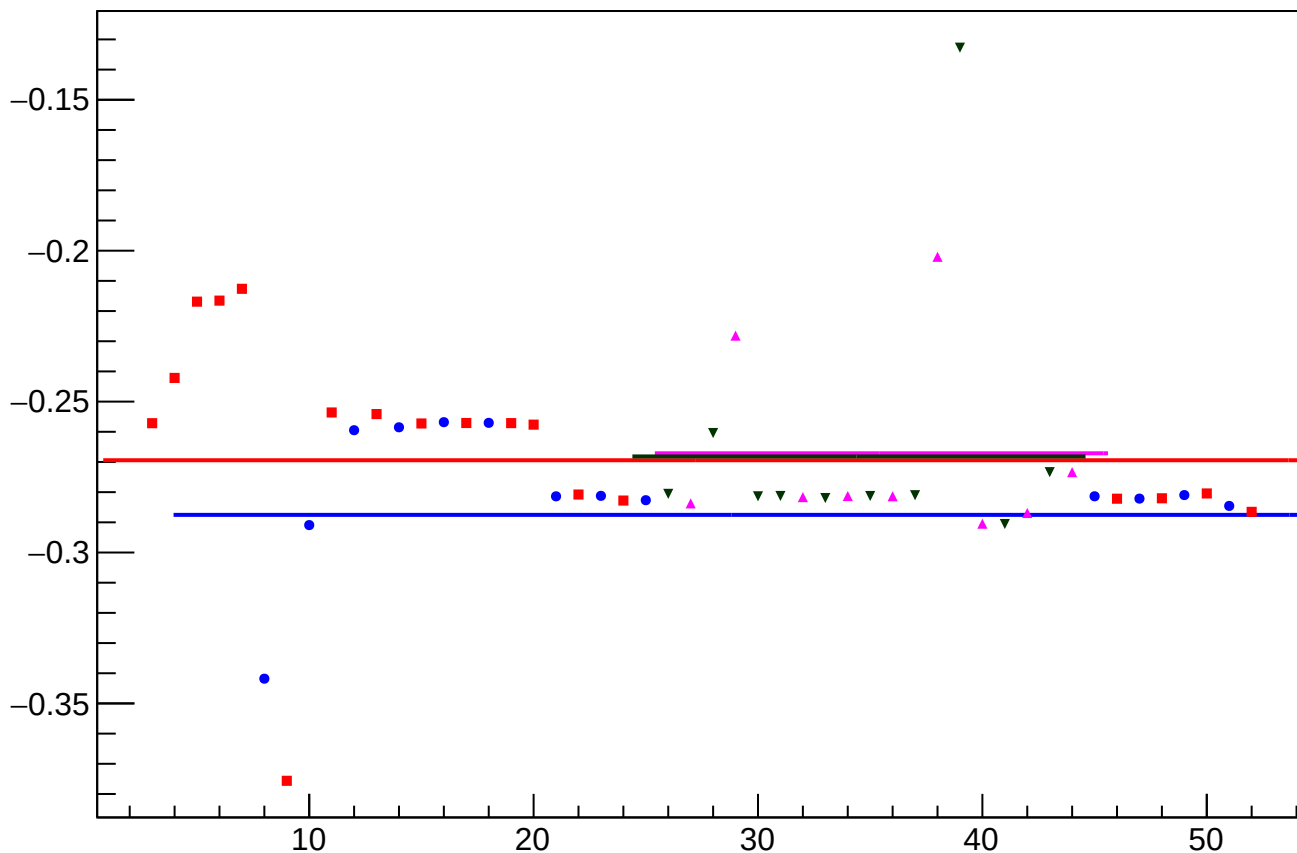
Left Out: 0.006+/-0.000 χ^2/NDF : 602668.6/9

Right Out: 0.005+/-0.000 χ^2/NDF : 1402375.5/17

Left In: 0.005+/-0.000 χ^2/NDF : 363318.6/8

0.005+/-0.000 χ^2/NDF : 3501721.5/49

yield_bpm16Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 959304526.1/12

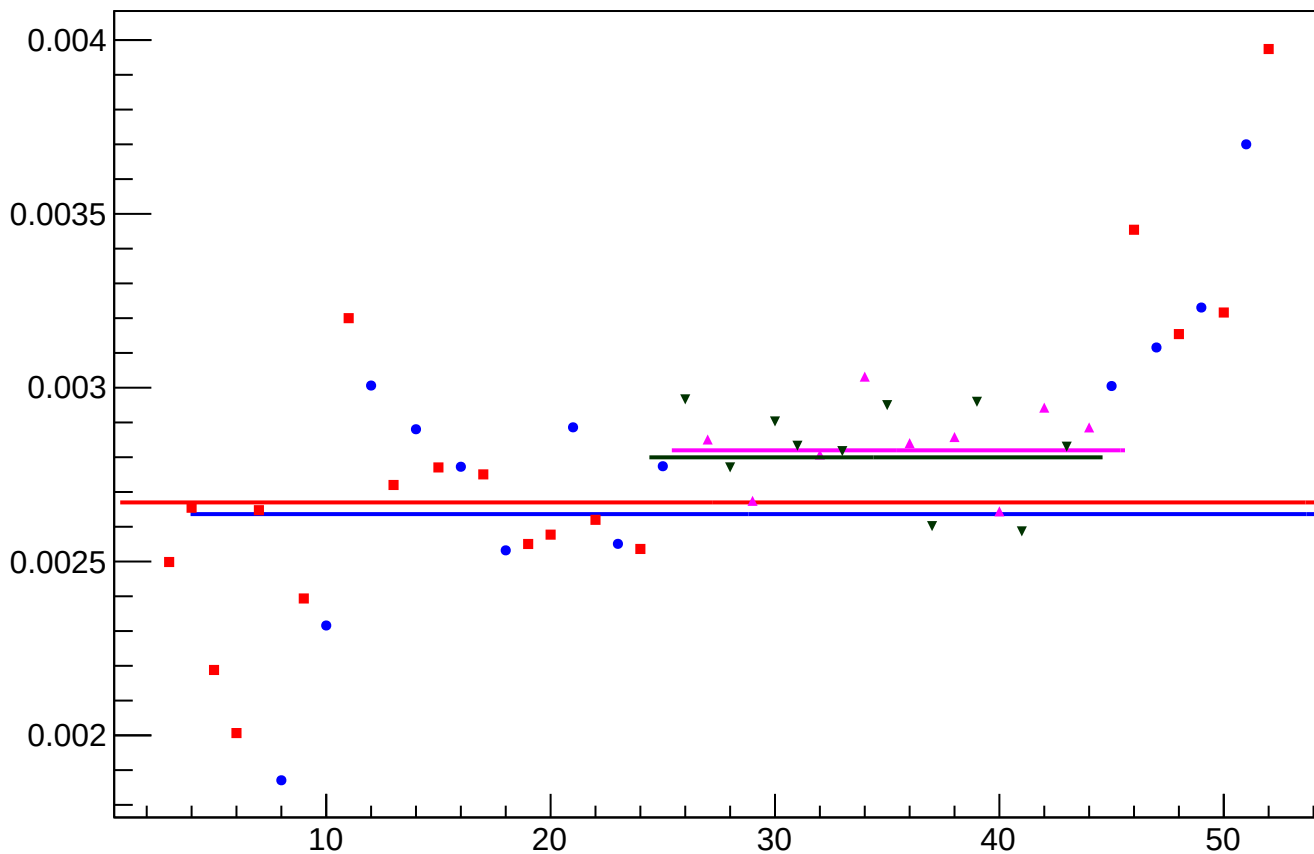
Left Out: -0.268+/-0.000 χ^2/NDF : 960541280.3/9

-0.274+/-0.000 χ^2/NDF : 4837753242.3/49

Right Out: -0.269+/-0.000 χ^2/NDF : 2084113630.4/17

Left In: -0.267+/-0.000 χ^2/NDF : 554012082.4/8

yield_bpm16Y_rms vs slug



Right In: 0.003 ± 0.000 χ^2/NDF : 519776.3/12

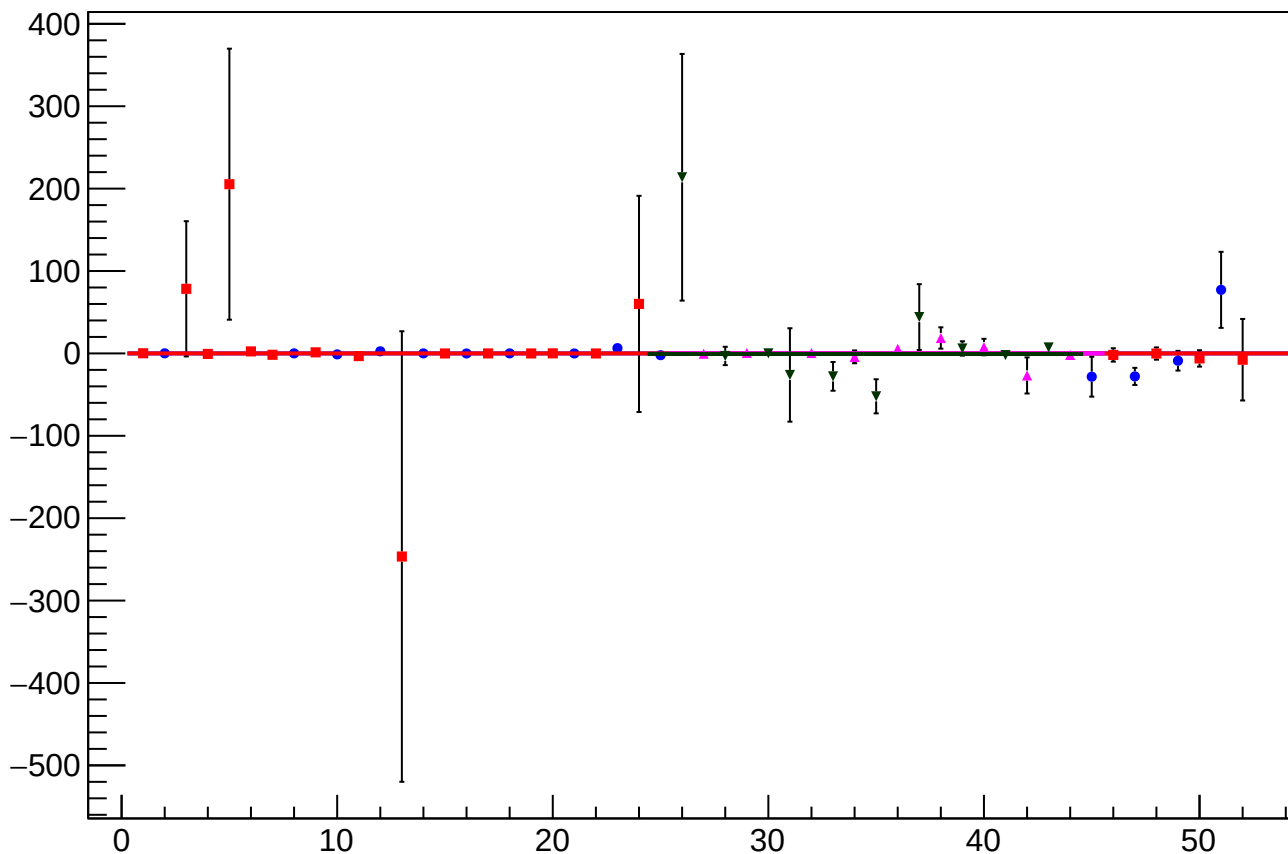
Left Out: 0.003 ± 0.000 χ^2/NDF : 23634.3/9

Right Out: 0.003 ± 0.000 χ^2/NDF : 411698.9/17

Left In: 0.003 ± 0.000 χ^2/NDF : 16390.9/8

0.003 ± 0.000 χ^2/NDF : 1013850.4/49

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 29.8/13

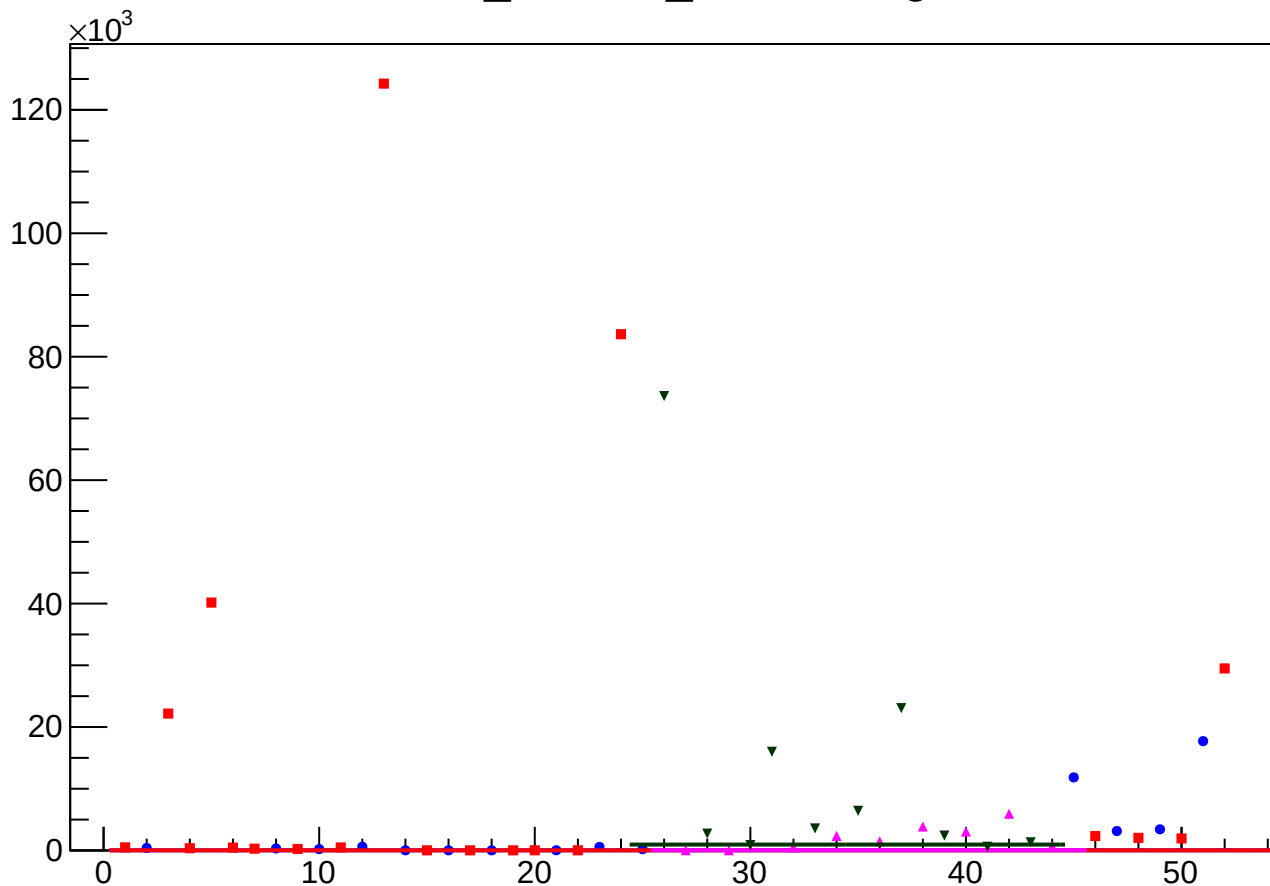
Left Out: -0.739 ± 1.551 χ^2/NDF : 15.8/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 22.4/18

Left In: 0.085 ± 0.168 χ^2/NDF : 15.7/8

-0.013 ± 0.011 χ^2/NDF : 84.4/51

diff_cav4bX_rms vs slug



Right In: 22.473 $\pm$ 0.011 χ^2 /NDF: 1876649.1/13

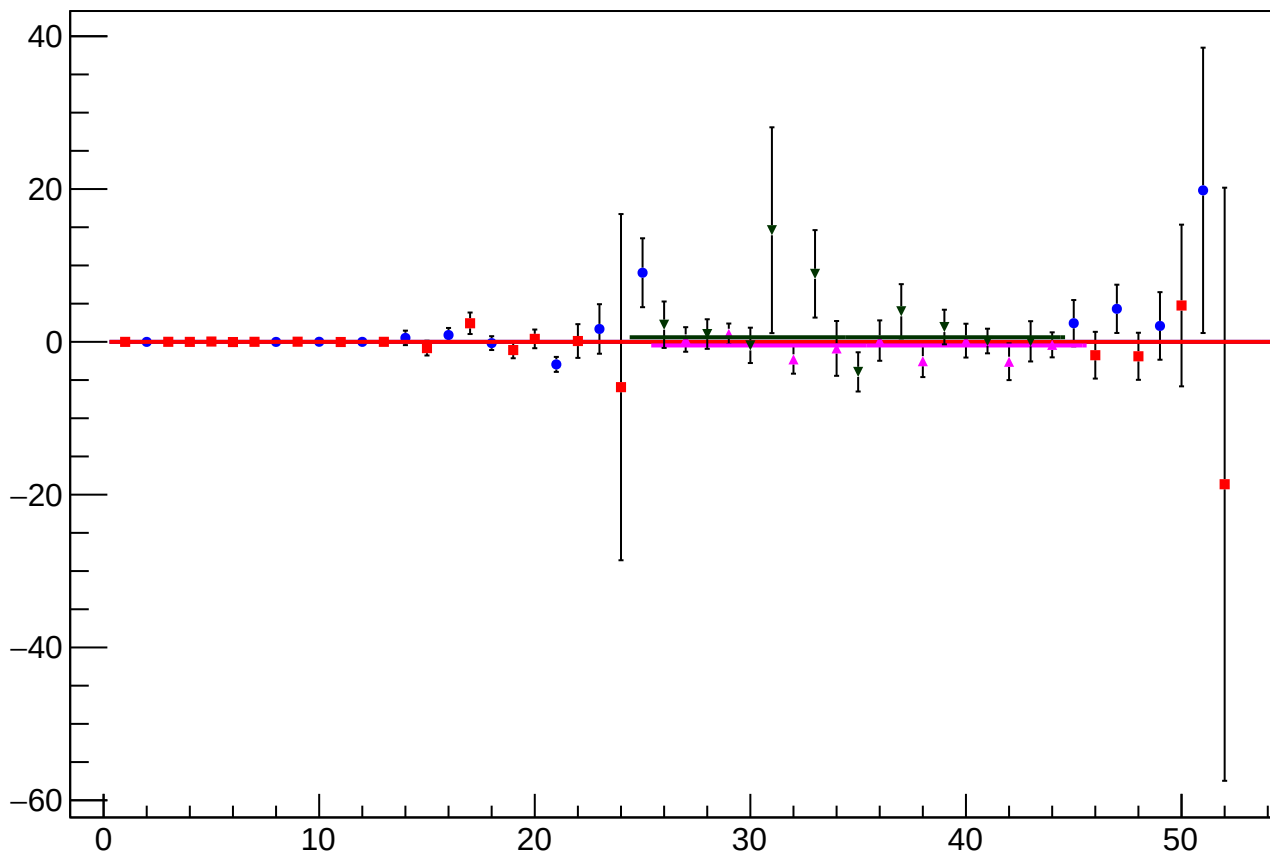
Left Out: 952.852 $\pm$ 1.097 χ^2 /NDF: 1588574.2/9

Right Out: 22.893 $\pm$ 0.012 χ^2 /NDF: 3185783.5/18

Left In: 61.509 $\pm$ 0.119 χ^2 /NDF: 1573017.7/8

22.885 $\pm$ 0.008 χ^2 /NDF: 9049820.8/51

diff_cav4bY_mean vs slug



Right In: 0.000 $\pm$ 0.006 χ^2 /NDF: 20.1/13

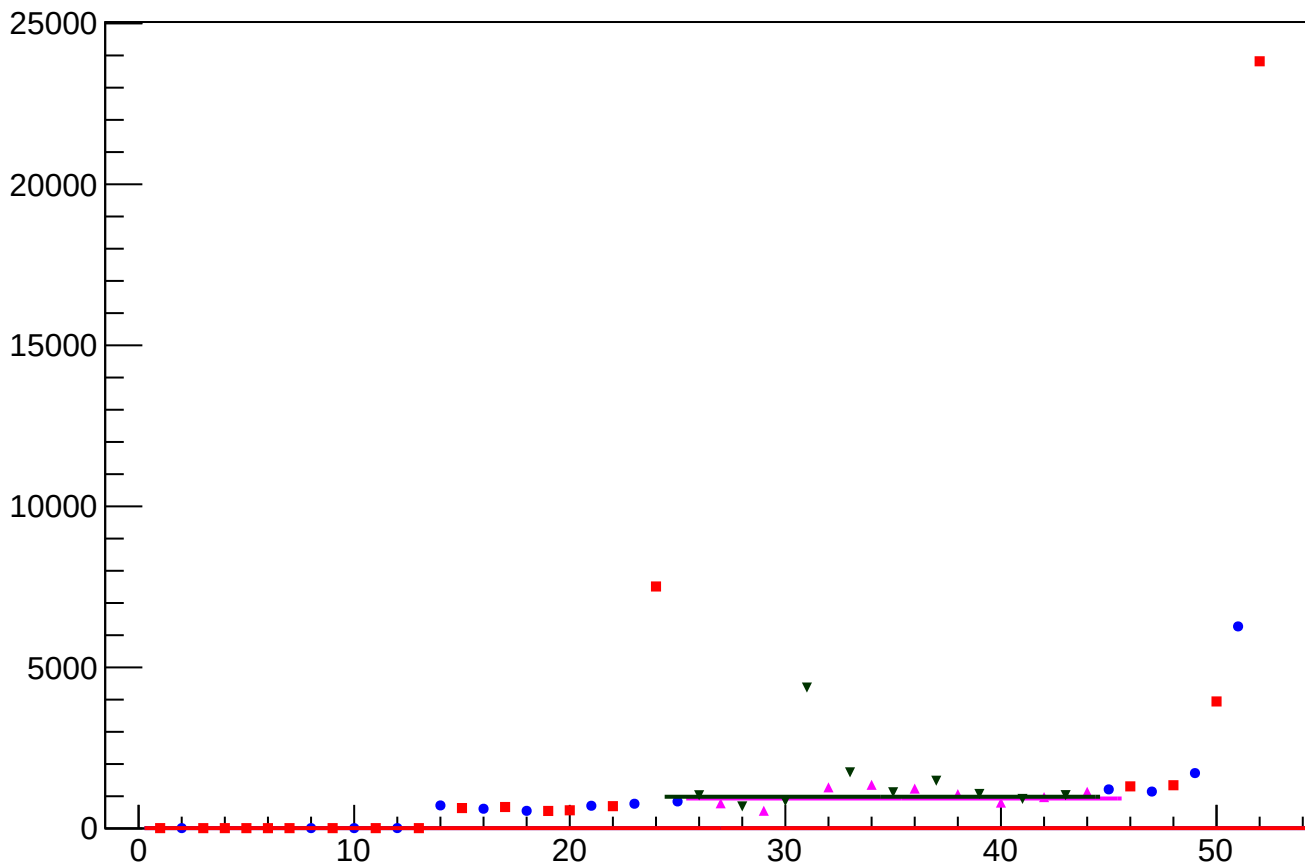
Left Out: 0.601 $\pm$ 0.803 χ^2 /NDF: 8.3/9

Right Out: -0.002 $\pm$ 0.005 χ^2 /NDF: 18.5/18

Left In: -0.474 $\pm$ 0.642 χ^2 /NDF: 4.4/8

-0.001 $\pm$ 0.004 χ^2 /NDF: 52.4/51

diff_cav4bY_rms vs slug



Right In: 10.610+/-0.004 χ^2/NDF : 4936875.3/13

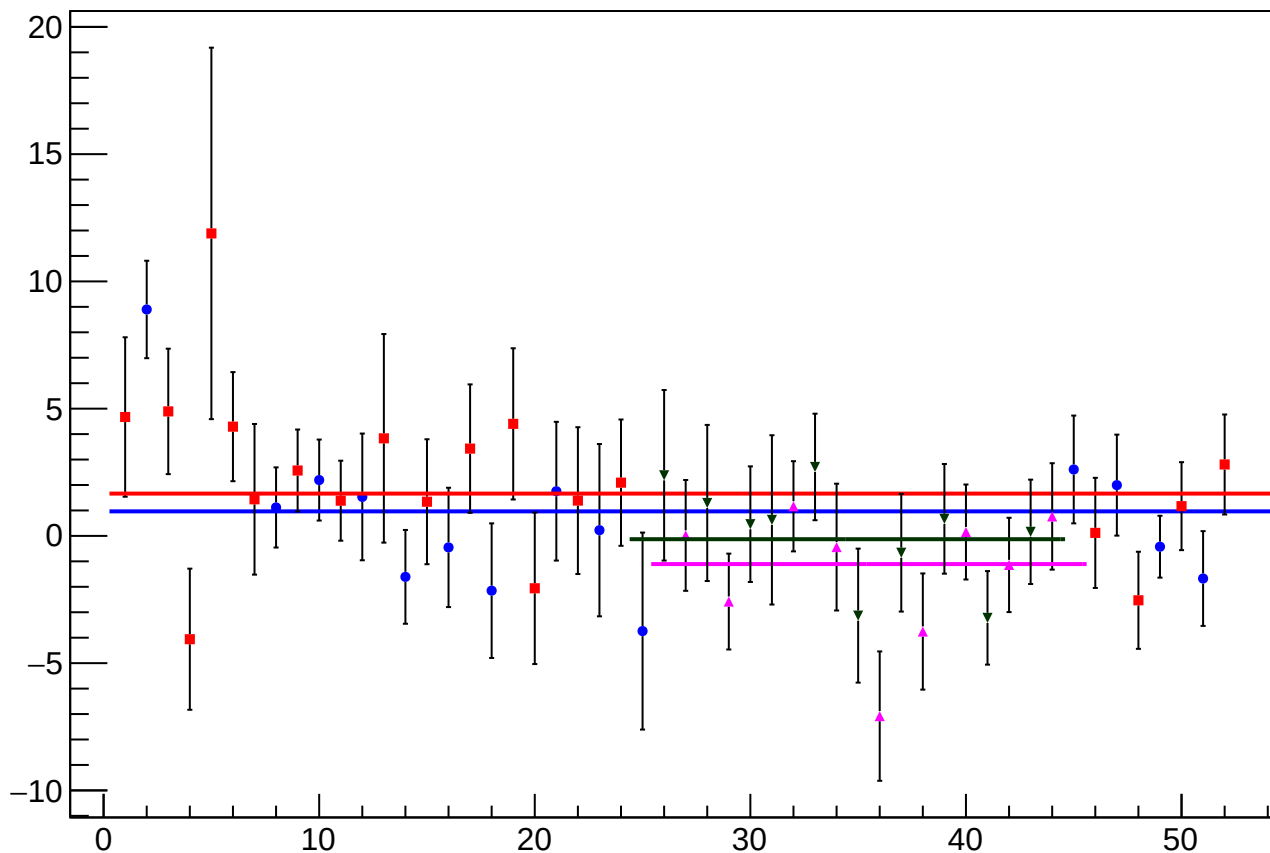
Left Out: 984.448+/-0.567 χ^2/NDF : 269152.2/9

Right Out: 9.971+/-0.003 χ^2/NDF : 4351611.0/18

Left In: 930.041+/-0.454 χ^2/NDF : 348842.9/8

10.285+/-0.003 χ^2/NDF : 16972712.7/51

diff_cav4cX_mean vs slug



Right In: 0.964 ± 0.528 χ^2/NDF : 27.3/13

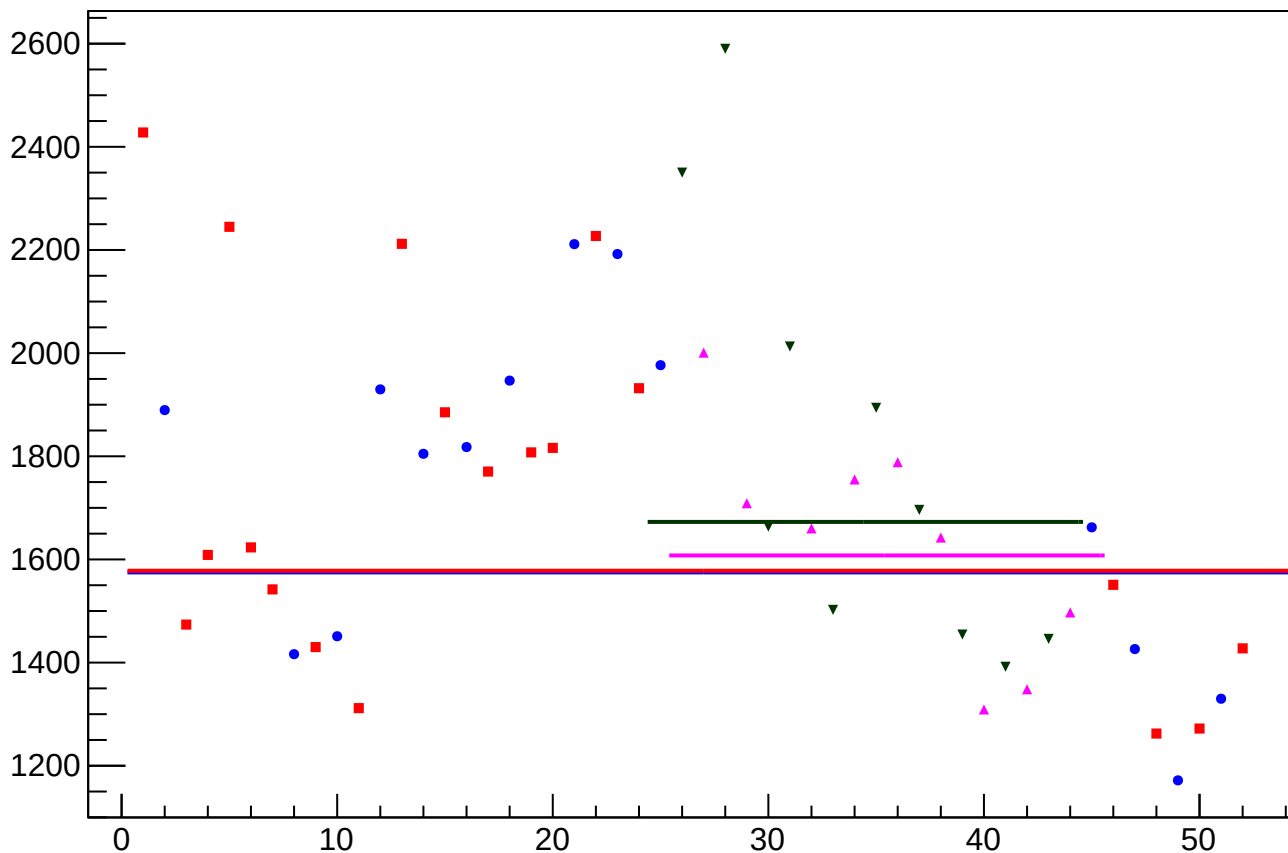
Left Out: -0.130 ± 0.748 χ^2/NDF : 7.1/9

Right Out: 1.663 ± 0.534 χ^2/NDF : 19.7/18

Left In: -1.107 ± 0.686 χ^2/NDF : 10.7/8

0.609 ± 0.301 χ^2/NDF : 76.4/51

diff_cav4cX_rms vs slug



Right In: 1574.837 $\pm$ 0.374 χ^2 /NDF: 685684.5/13

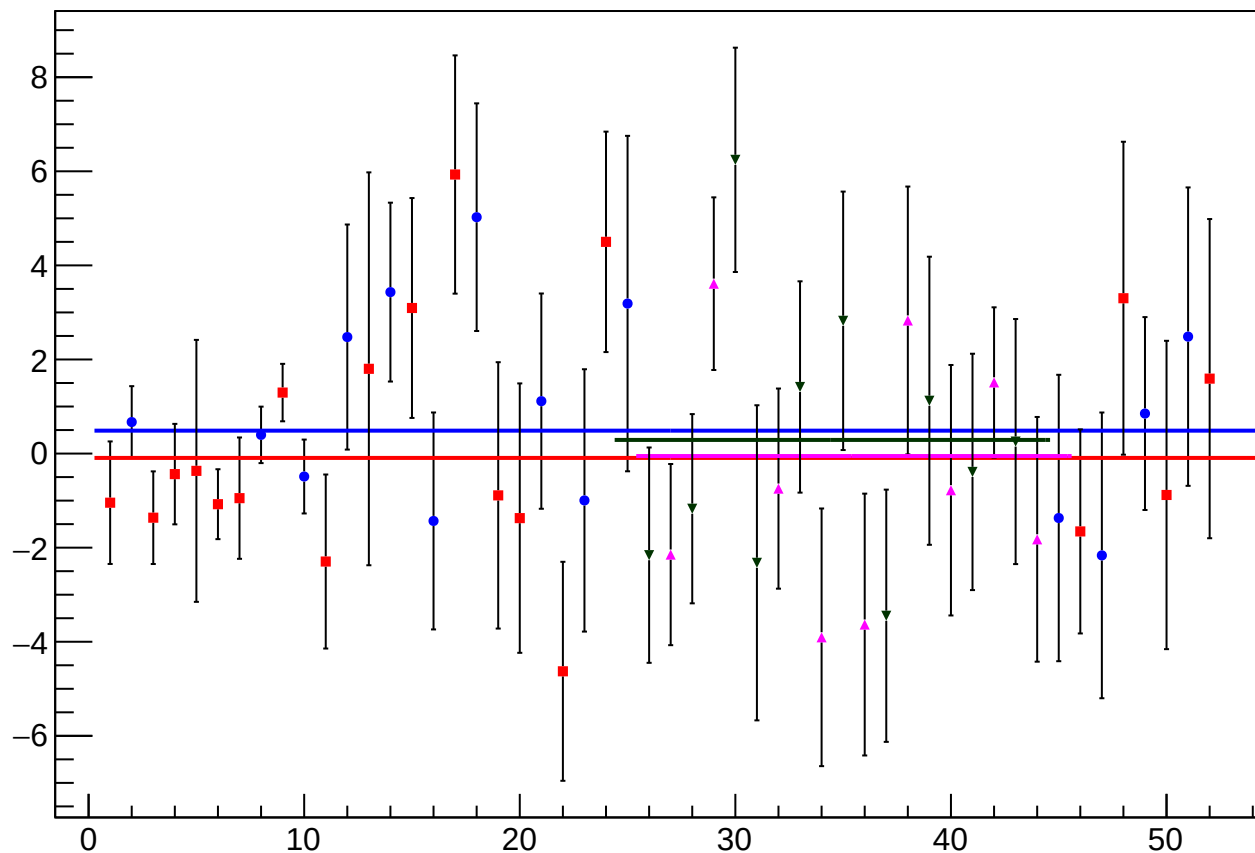
Left Out: 1672.764 $\pm$ 0.529 χ^2 /NDF: 400876.3/9

Right Out: 1578.088 $\pm$ 0.377 χ^2 /NDF: 630169.2/18

Left In: 1607.719 $\pm$ 0.485 χ^2 /NDF: 186347.4/8

1598.135 $\pm$ 0.213 χ^2 /NDF: 1930103.3/51

diff_cav4cY_mean vs slug



Right In: 0.487 ± 0.356 χ^2/NDF : 11.4/13

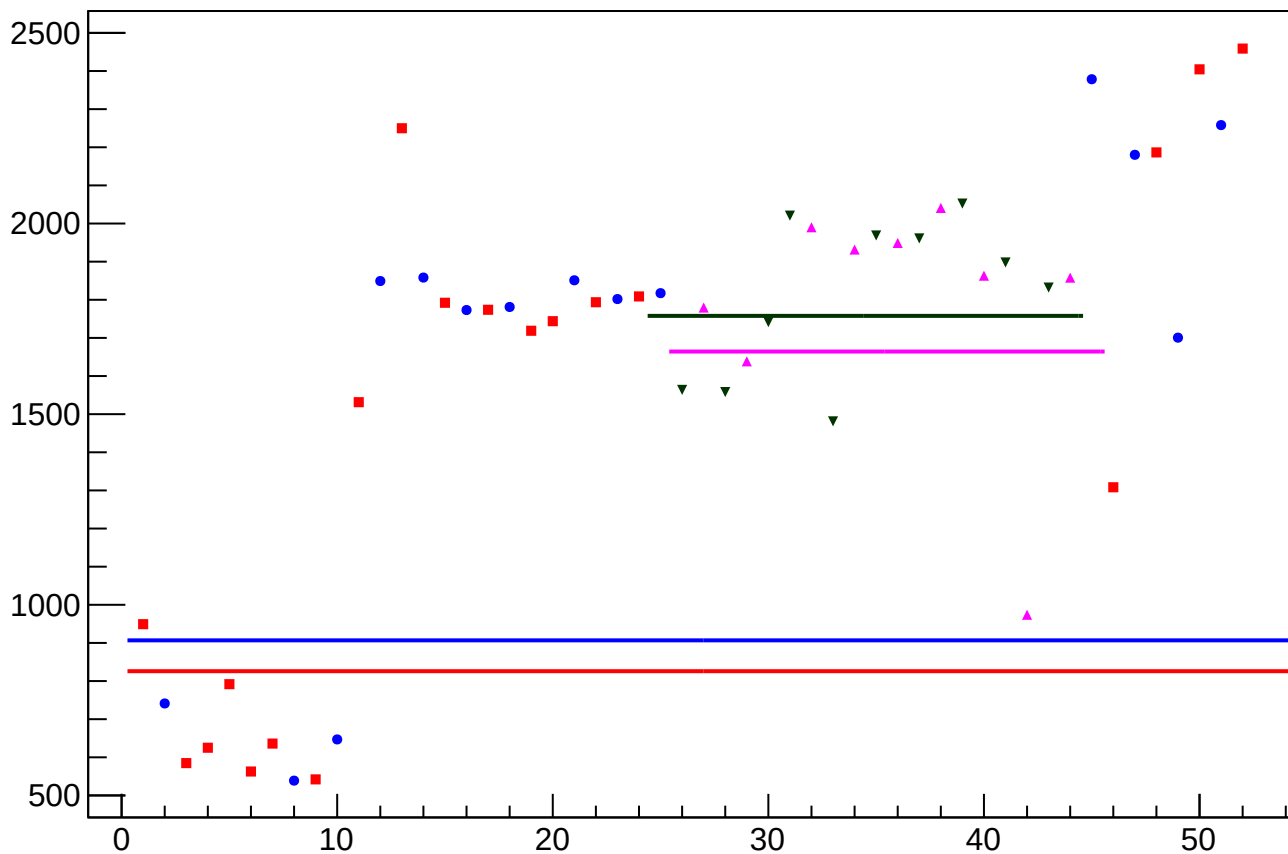
Left Out: 0.290 ± 0.794 χ^2/NDF : 11.7/9

Right Out: -0.092 ± 0.324 χ^2/NDF : 28.6/18

Left In: -0.052 ± 0.734 χ^2/NDF : 11.4/8

0.159 ± 0.219 χ^2/NDF : 64.7/51

diff_cav4cY_rms vs slug



Right In: 906.764 $\pm$ 0.252 χ^2 /NDF: 4579781.6/13

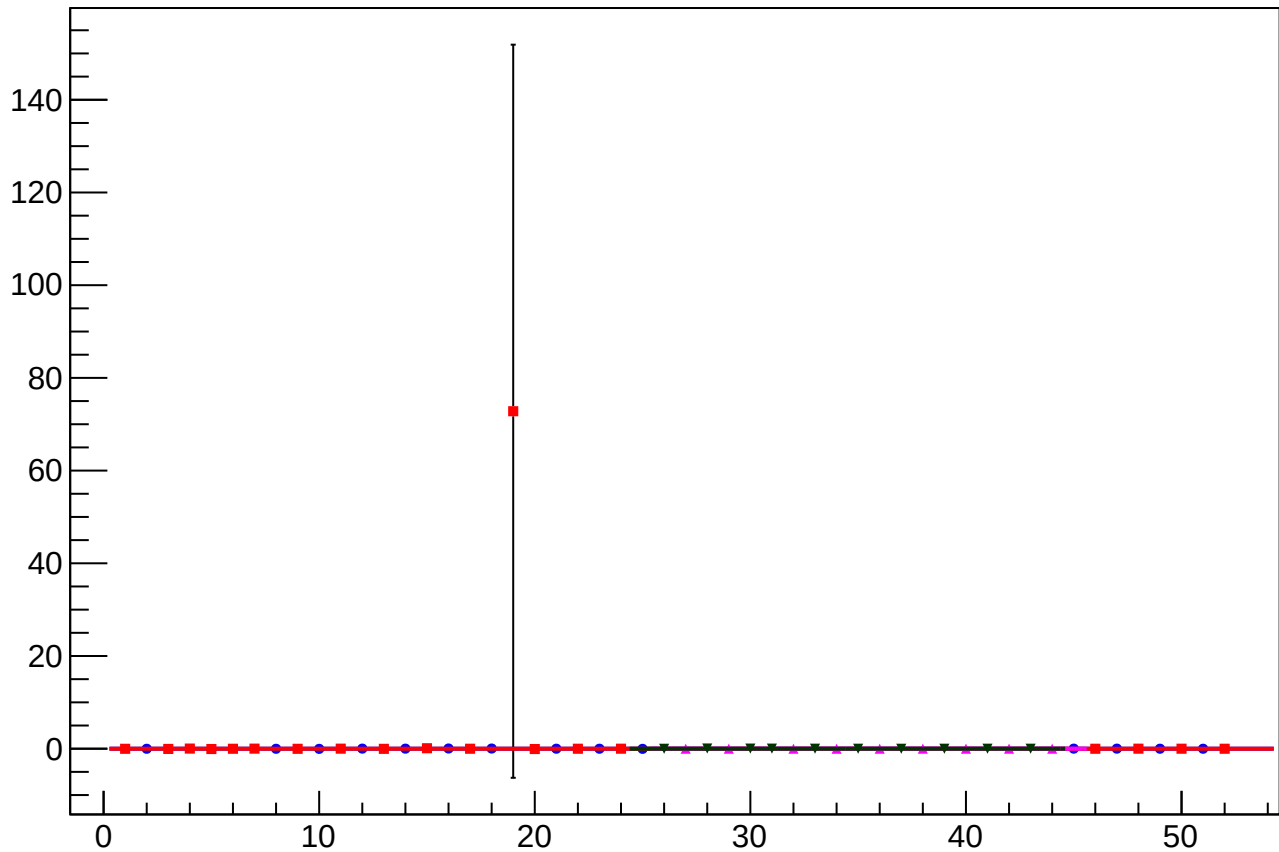
Left Out: 1757.817 $\pm$ 0.562 χ^2 /NDF:126542.7/9

Right Out: 825.878 $\pm$ 0.229 χ^2 /NDF: 4544225.4/18

Left In: 1664.274 $\pm$ 0.519 χ^2 /NDF:526261.8/8

1002.115 $\pm$ 0.155 χ^2 /NDF: 13948874.5/51

diff_cav4dX_mean vs slug



Right In: -0.001 ± 0.004 χ^2/NDF : 10.5/13

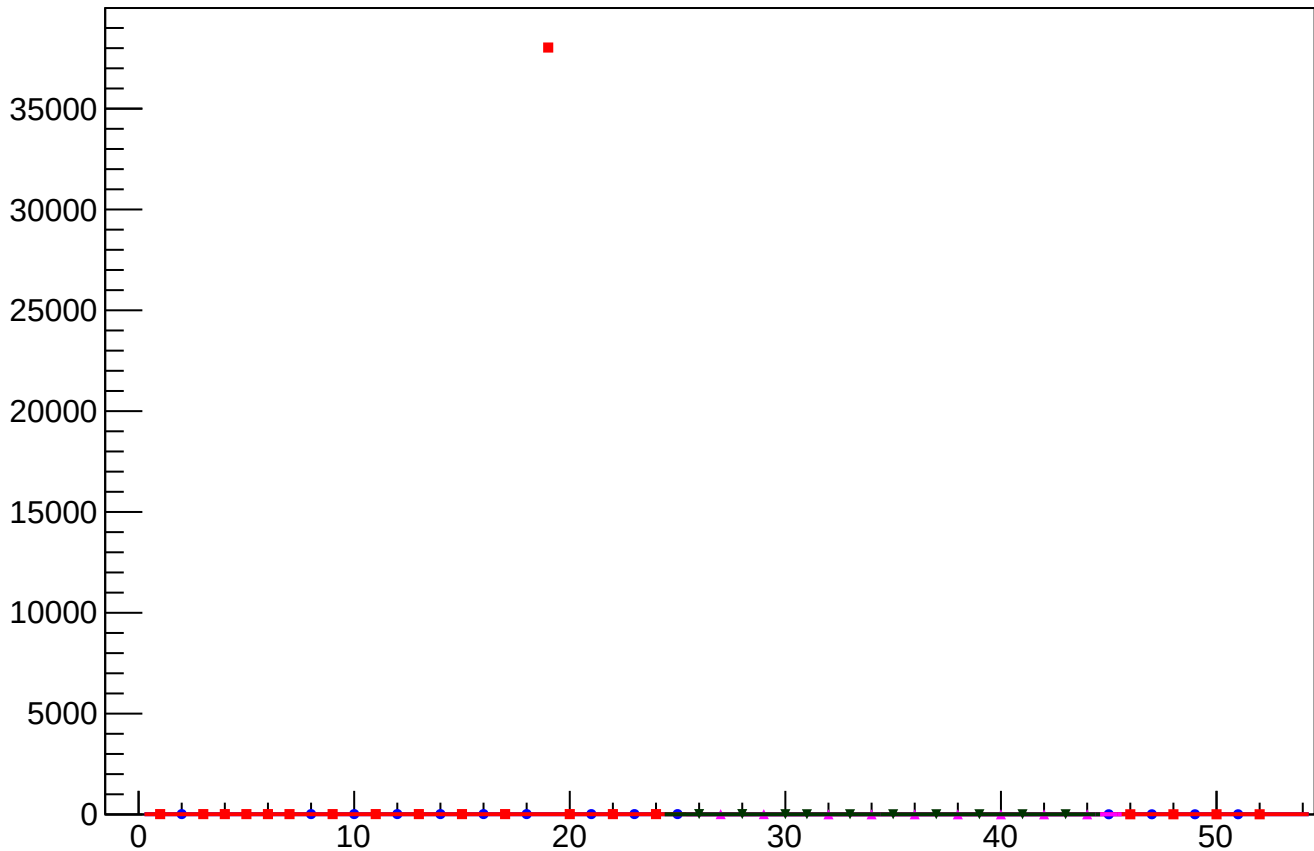
Left Out: 0.000 ± 0.004 χ^2/NDF : 8.9/9

Right Out: -0.006 ± 0.005 χ^2/NDF : 12.1/18

Left In: 0.003 ± 0.004 χ^2/NDF : 1.2/8

-0.000 ± 0.002 χ^2/NDF : 34.9/51

diff_cav4dX_rms vs slug



Right In: 11.829 $\pm$ 0.003 χ^2 /NDF: 1750505.9/13

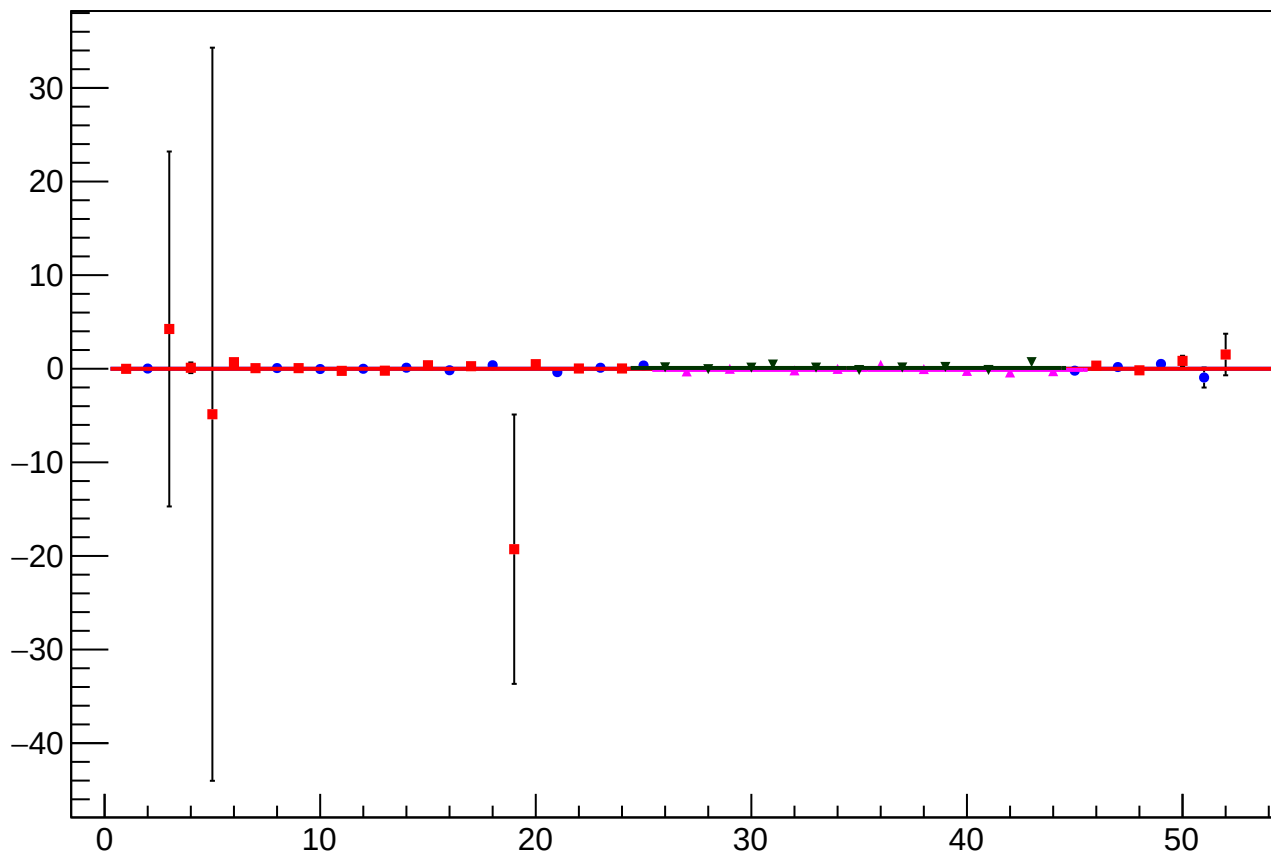
Left Out: 9.367 $\pm$ 0.003 χ^2 /NDF: 590012.0/9

10.602 $\pm$ 0.002 χ^2 /NDF: 5969099.5/51

Right Out: 12.396 $\pm$ 0.003 χ^2 /NDF: 2095149.2/18

Left In: 9.361 $\pm$ 0.003 χ^2 /NDF: 755354.4/8

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 20.0/13

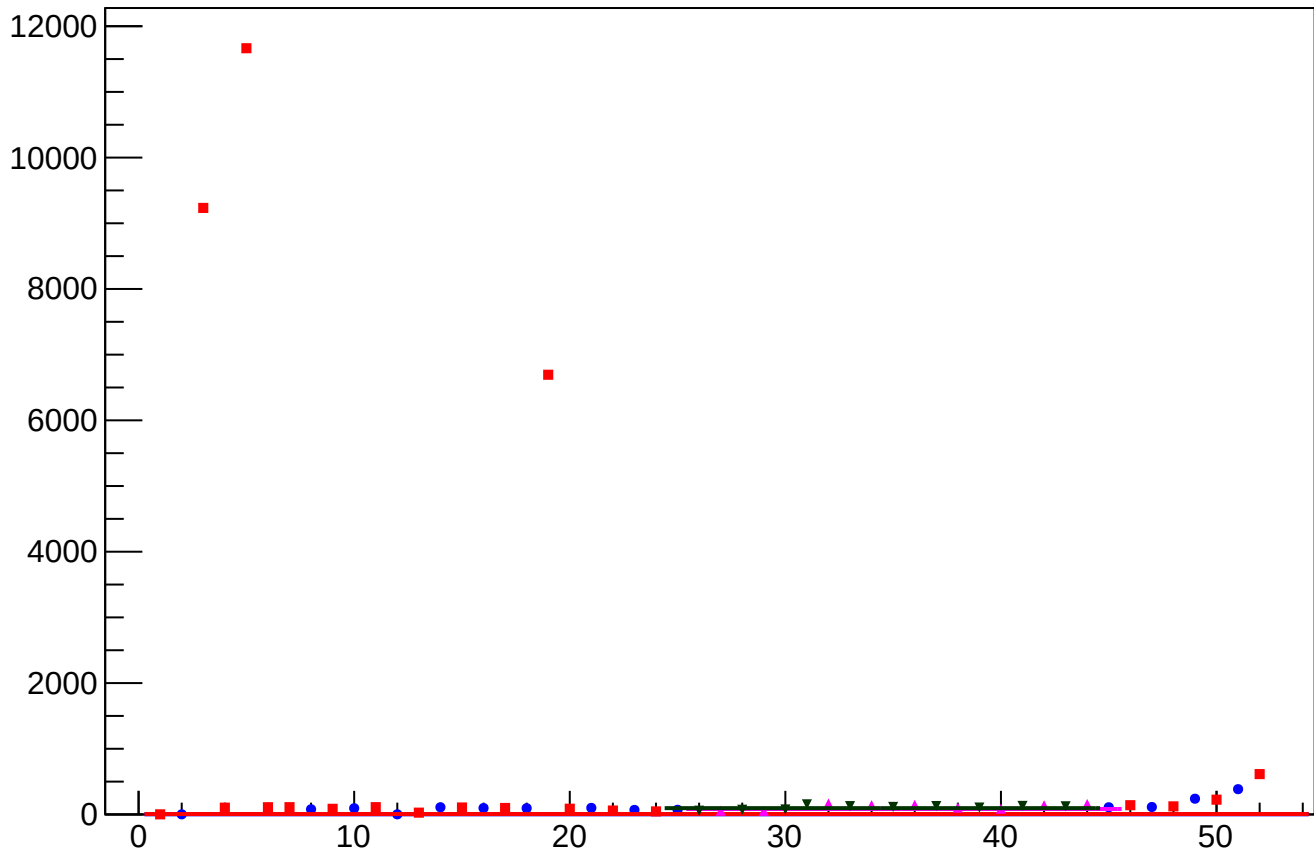
Left Out: 0.083 ± 0.059 χ^2/NDF : 11.4/9

Right Out: -0.008 ± 0.012 χ^2/NDF : 16.2/18

Left In: -0.126 ± 0.053 χ^2/NDF : 9.7/8

-0.002 ± 0.003 χ^2/NDF : 65.0/51

diff_cav4dY_rms vs slug



Right In: 2.172 $\pm$ 0.002 χ^2 /NDF: 7722785.5/13

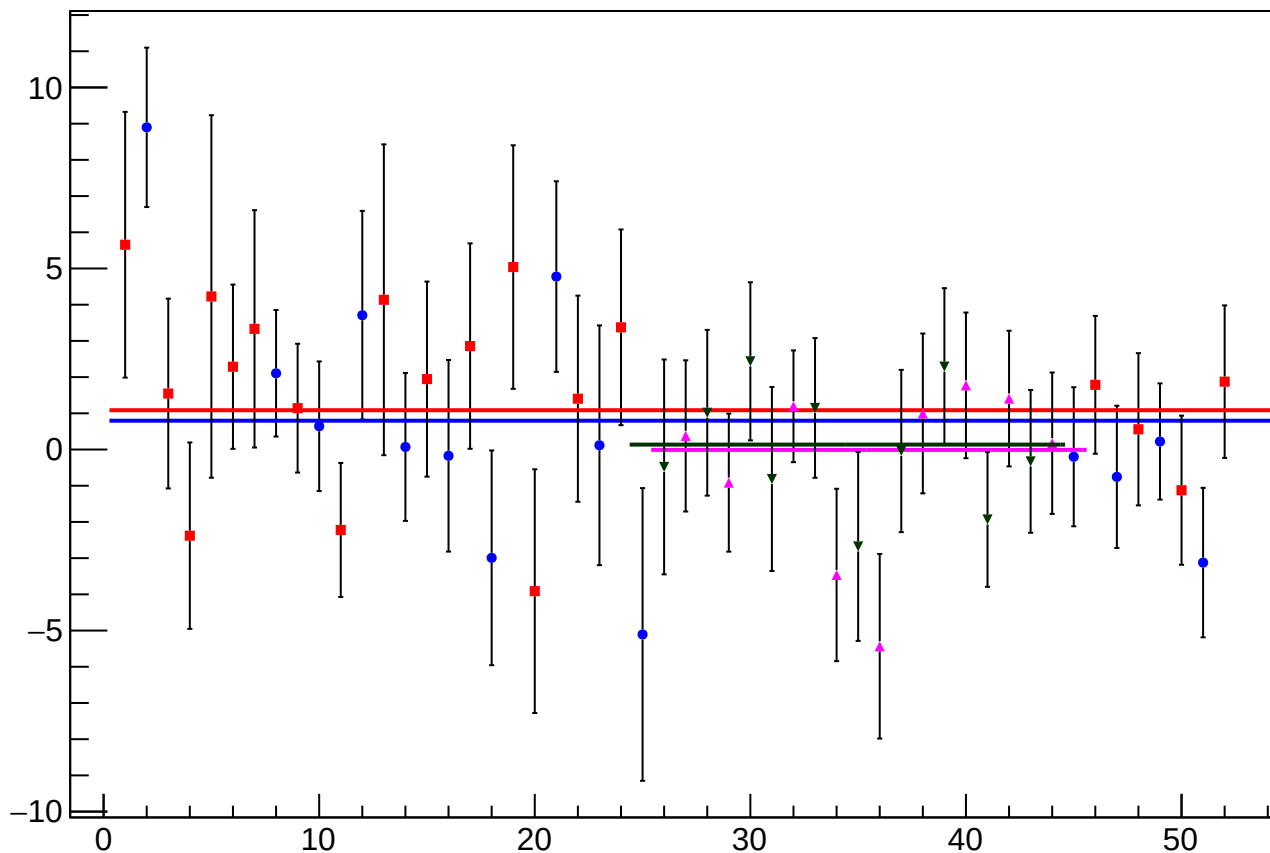
Left Out: 96.008 $\pm$ 0.042 χ^2 /NDF: 447968.4/9

2.873 $\pm$ 0.002 χ^2 /NDF: 24990413.8/51

Right Out: 6.122 $\pm$ 0.009 χ^2 /NDF: 6027332.5/18

Left In: 82.932 $\pm$ 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

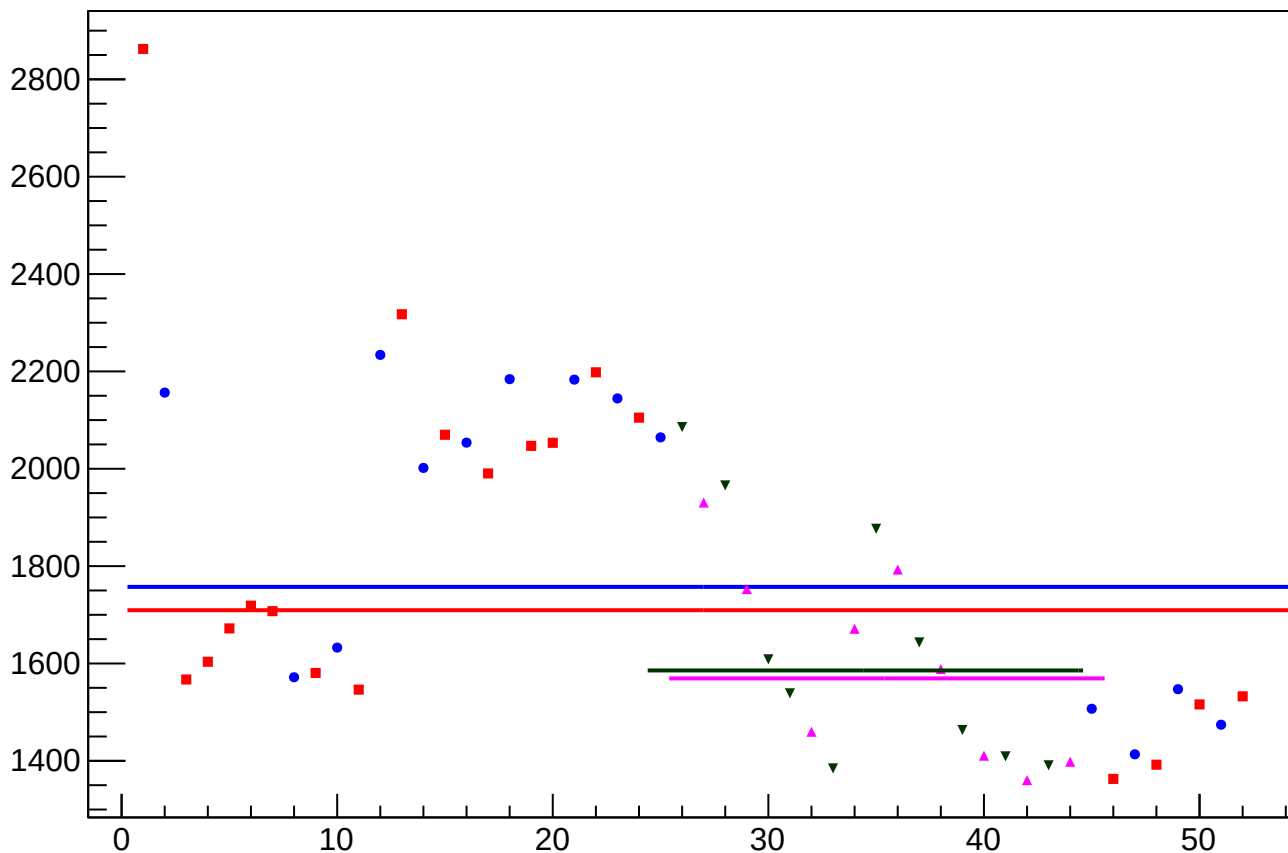
Left Out: 0.136 ± 0.700 χ^2/NDF : 5.2/9

Right Out: 1.086 ± 0.575 χ^2/NDF : 14.5/18

Left In: -0.010 ± 0.666 χ^2/NDF : 9.1/8

0.572 ± 0.313 χ^2/NDF : 57.0/51

diff_bpm4aX_rms vs slug



Right In: 1757.386+/-0.414 χ^2/NDF : 506305.2/13

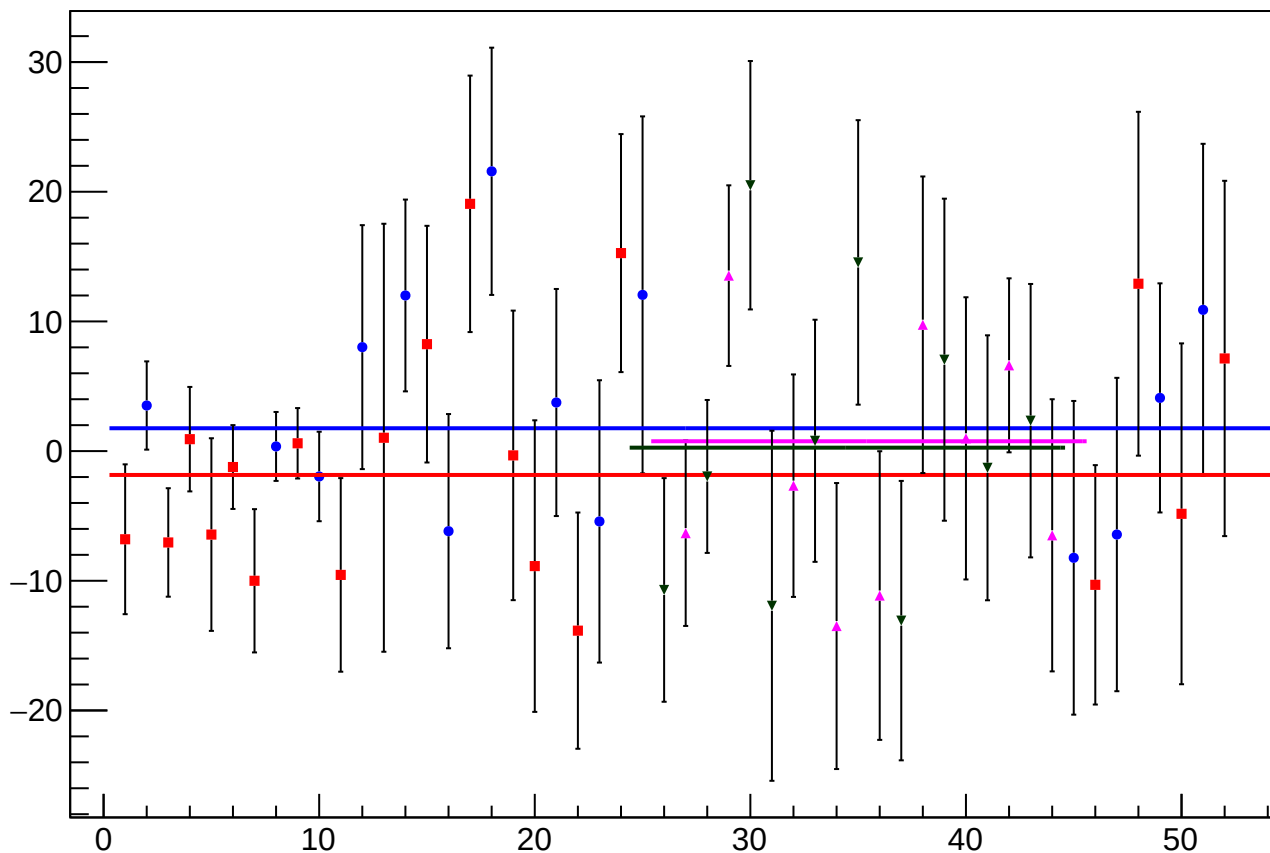
Left Out: 1585.705+/-0.495 χ^2/NDF : 204665.3/9

Right Out: 1709.450+/-0.407 χ^2/NDF : 614843.7/18

Left In: 1569.368+/-0.471 χ^2/NDF : 160431.6/8

1667.527+/-0.221 χ^2/NDF : 1614695.3/51

diff_bpm4aY_mean vs slug



Right In: 1.763 ± 1.536 $\chi^2/\text{NDF}: 11.9/13$

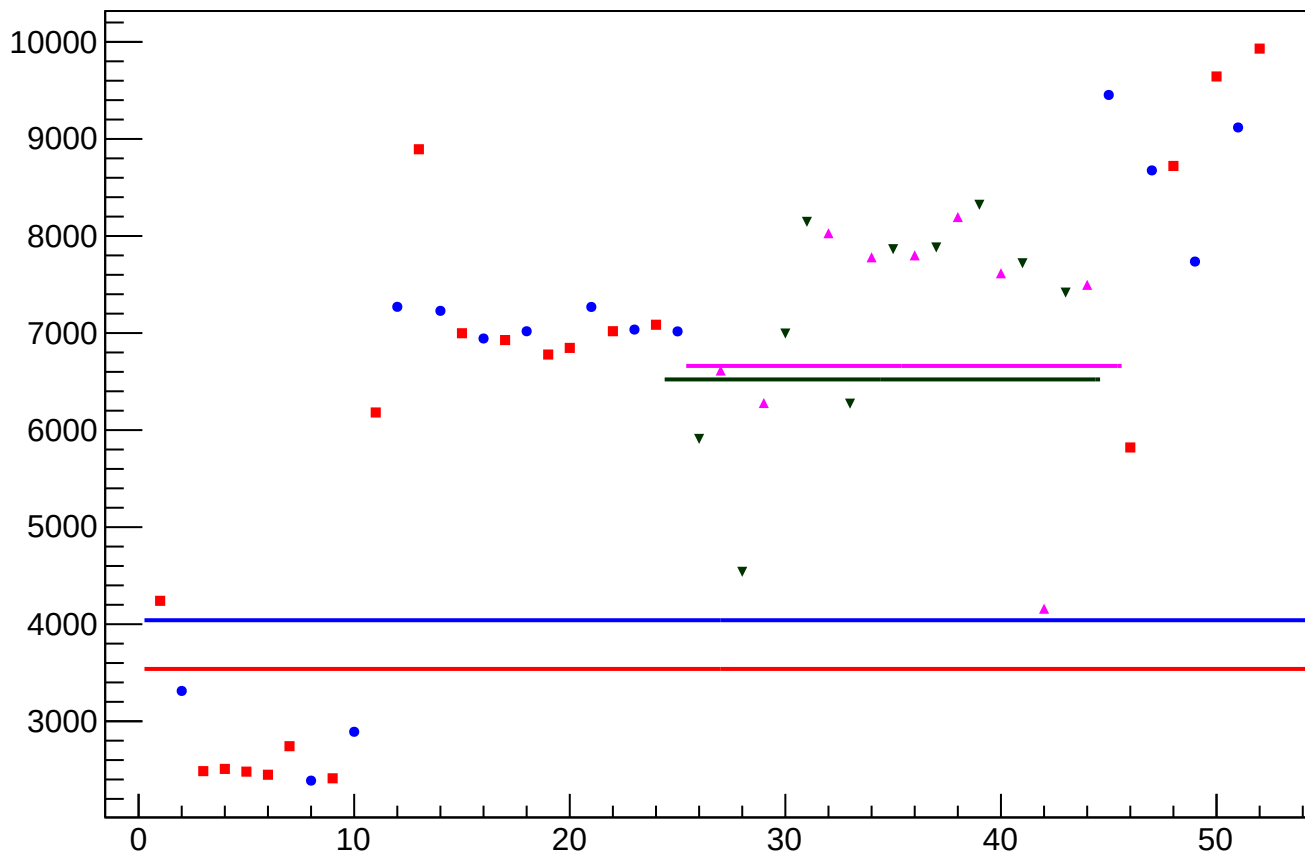
Left Out: 0.265 ± 2.987 $\chi^2/\text{NDF}: 10.6/9$

Right Out: -1.840 ± 1.357 $\chi^2/\text{NDF}: 21.1/18$

Left In: 0.758 ± 2.918 $\chi^2/\text{NDF}: 9.2/8$

-0.111 ± 0.914 $\chi^2/\text{NDF}: 56.1/51$

diff_bpm4aY_rms vs slug



Right In: 4040.995+/-1.086 χ^2/NDF : 3971689.5/13

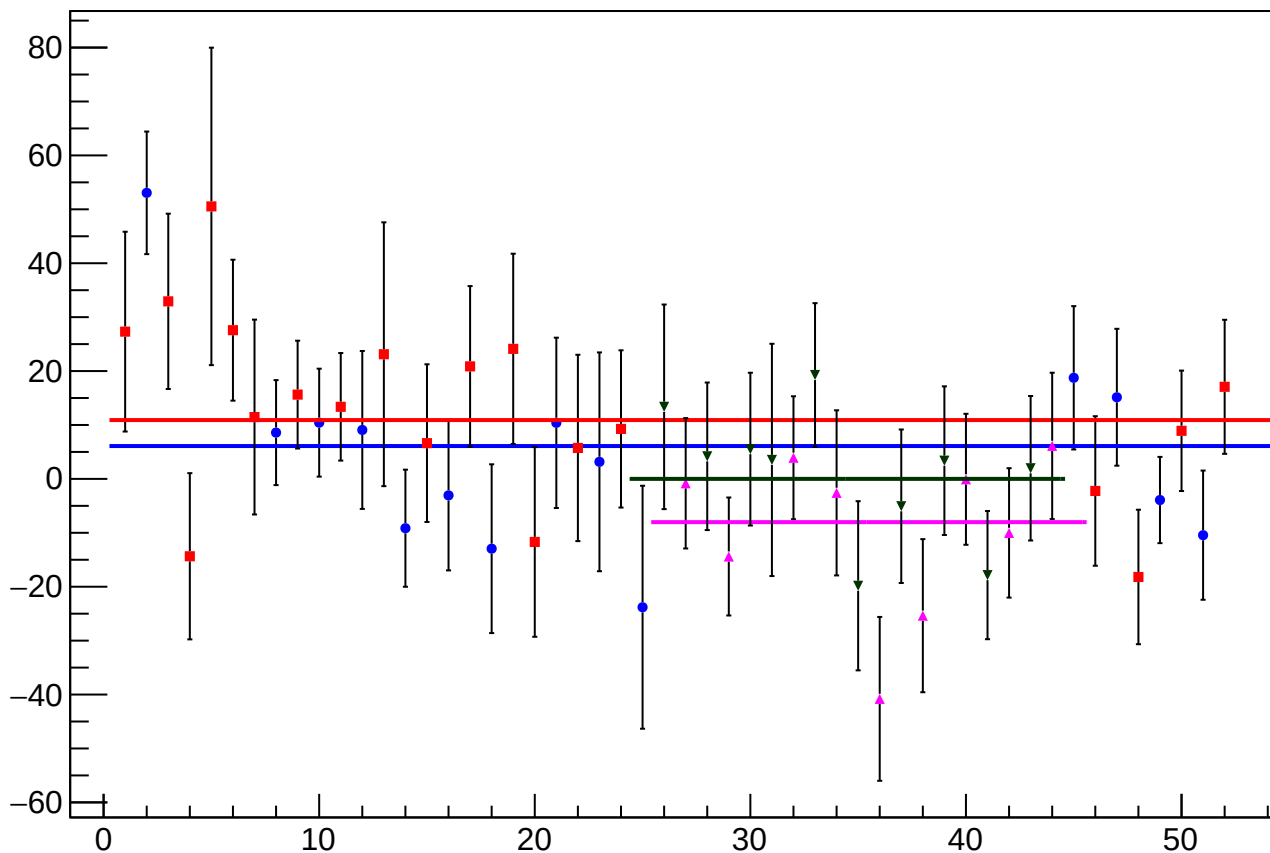
Left Out: 6522.149+/-2.112 χ^2/NDF :417038.9/9

4302.652+/-0.646 χ^2/NDF : 12082944.1/51

Right Out: 3539.154+/-0.959 χ^2/NDF : 4151542.3/18

Left In: 6661.294+/-2.063 χ^2/NDF :440653.4/8

diff_bpm4eX_mean vs slug



Right In: 6.093 ± 3.270 χ^2/NDF : 28.0/13

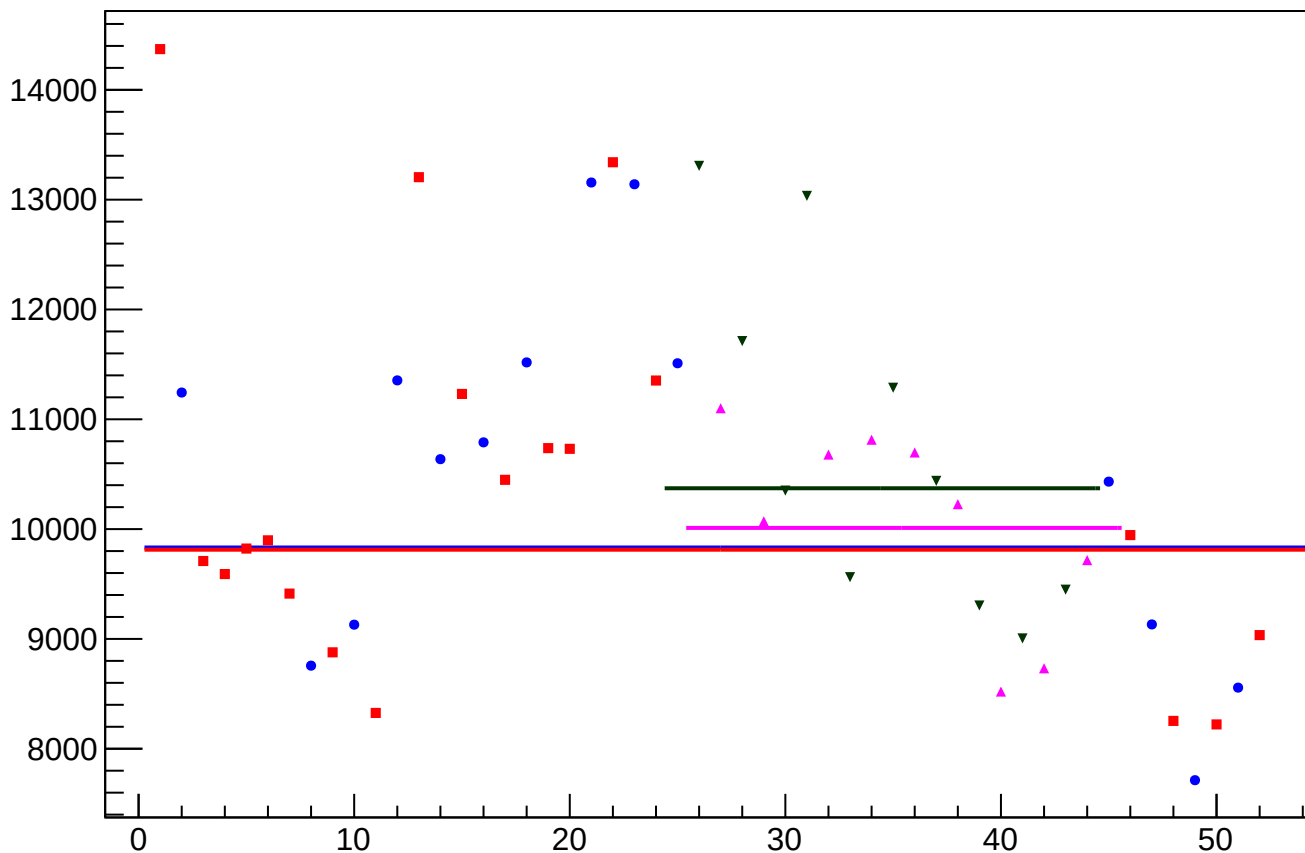
Left Out: 0.003 ± 4.574 χ^2/NDF : 6.9/9

3.915 ± 1.859 χ^2/NDF : 76.9/51

Right Out: 10.909 ± 3.288 χ^2/NDF : 18.7/18

Left In: -8.023 ± 4.241 χ^2/NDF : 9.6/8

diff_bpm4eX_rms vs slug



Right In: 9832.421 $\pm$ 2.312 χ^2/NDF : 456312.4/13

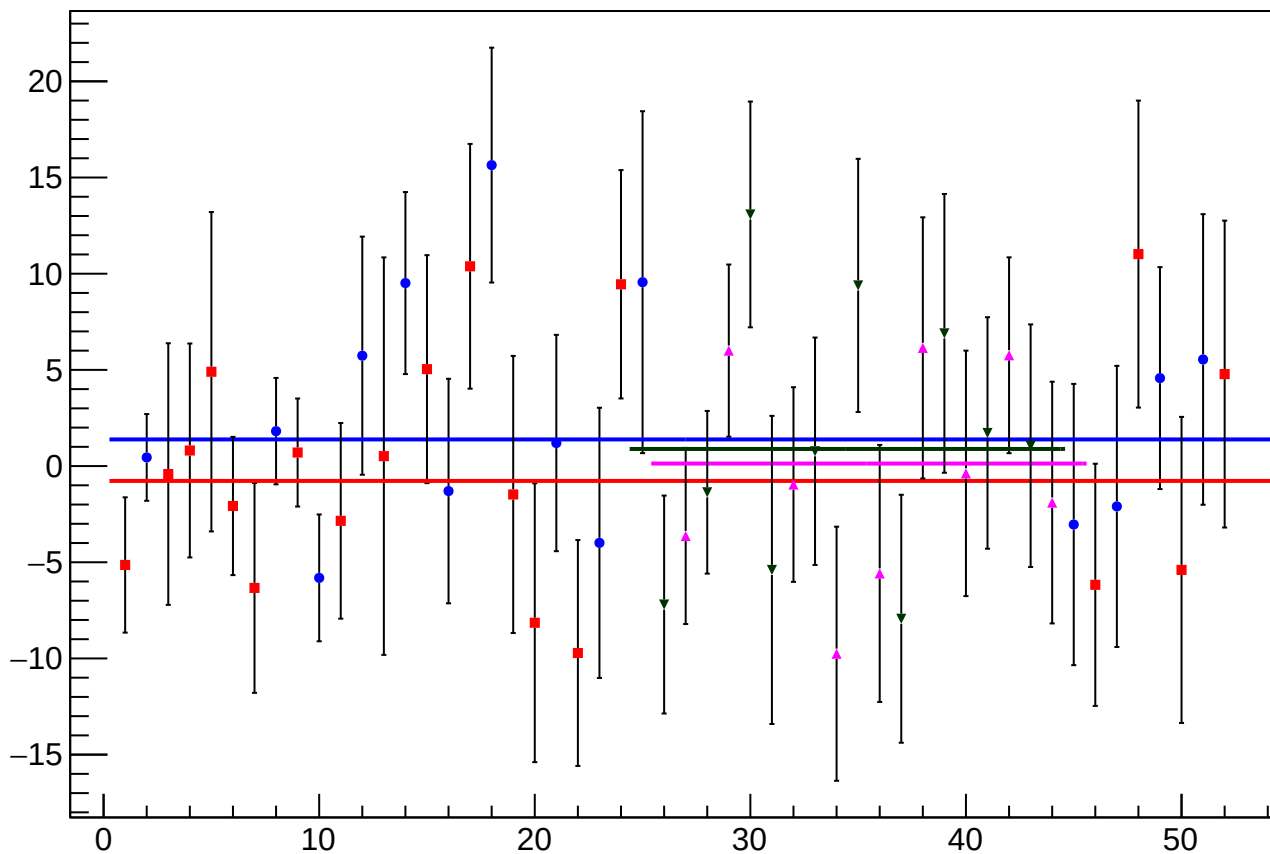
Left Out: 10371.917 $\pm$ 3.234 χ^2/NDF :159833.9/9

Right Out: 9812.547 $\pm$ 2.325 χ^2/NDF : 441926.2/18

Left In: 10010.878 $\pm$ 2.999 χ^2/NDF :86966.5/8

9949.452 $\pm$ 1.314 χ^2/NDF : 1168548.7/51

diff_bpm4eY_mean vs slug



Right In: 1.385 ± 1.199 $\chi^2/\text{NDF}: 16.7/13$

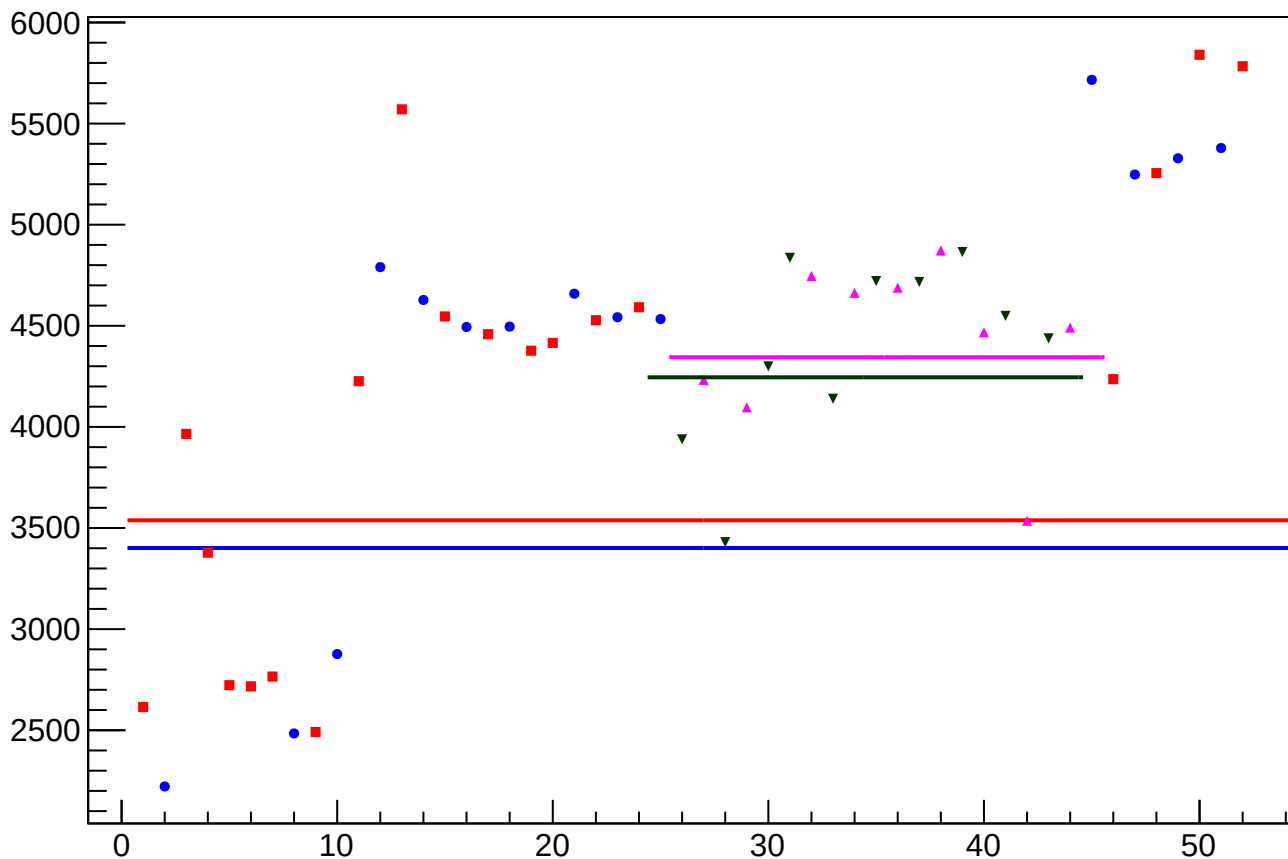
Left Out: 0.889 ± 1.892 $\chi^2/\text{NDF}: 11.5/9$

Right Out: -0.772 ± 1.234 $\chi^2/\text{NDF}: 17.8/18$

Left In: 0.131 ± 1.850 $\chi^2/\text{NDF}: 7.5/8$

0.387 ± 0.721 $\chi^2/\text{NDF}: 55.3/51$

diff_bpm4eY_rms vs slug



Right In: 3401.169+/-0.847 χ^2/NDF : 2061515.9/13

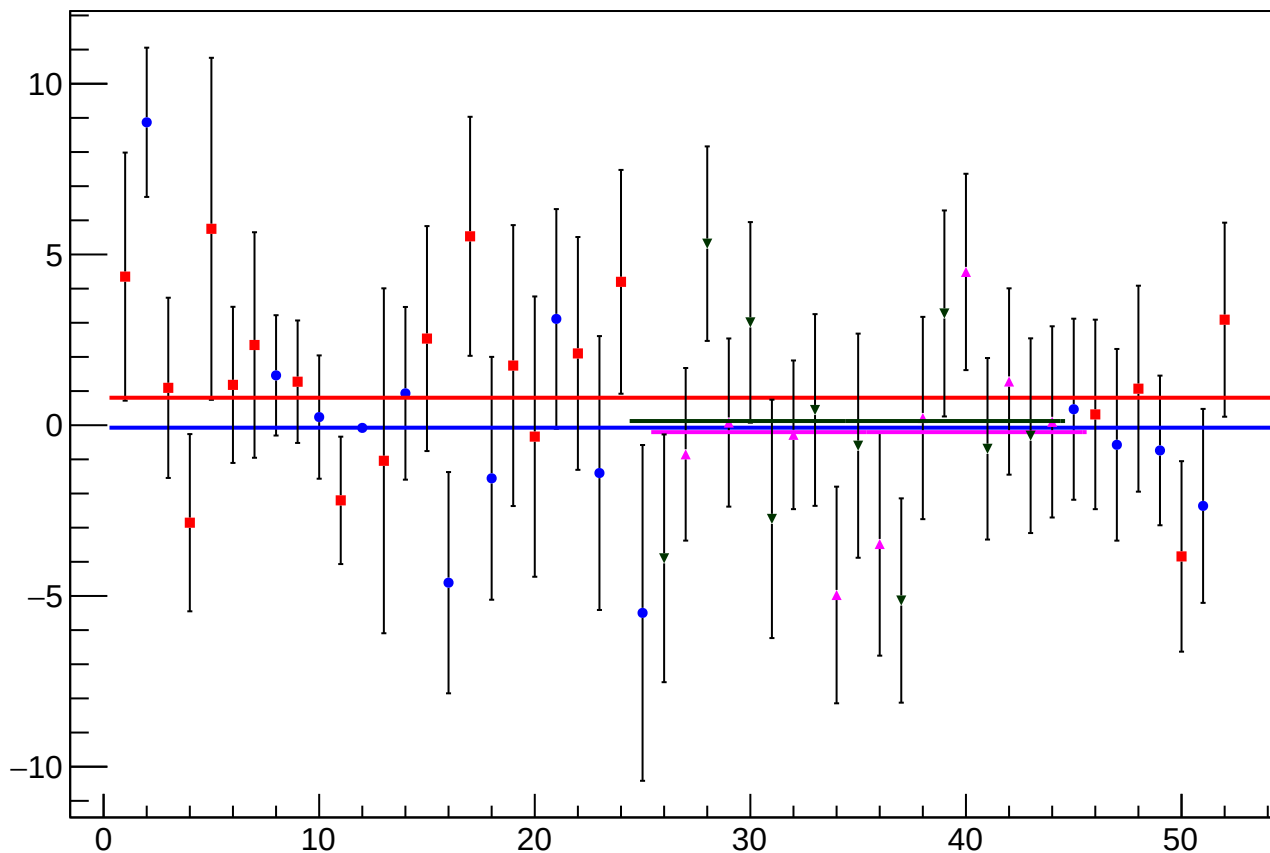
Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

Right Out: 3538.241+/-0.873 χ^2/NDF : 1422352.8/18

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

3713.735+/-0.510 χ^2/NDF : 4279724.8/51

diff_bpm4acX_mean vs slug



Right In: -0.072 ± 0.060 $\chi^2/\text{NDF}: 23.0/13$

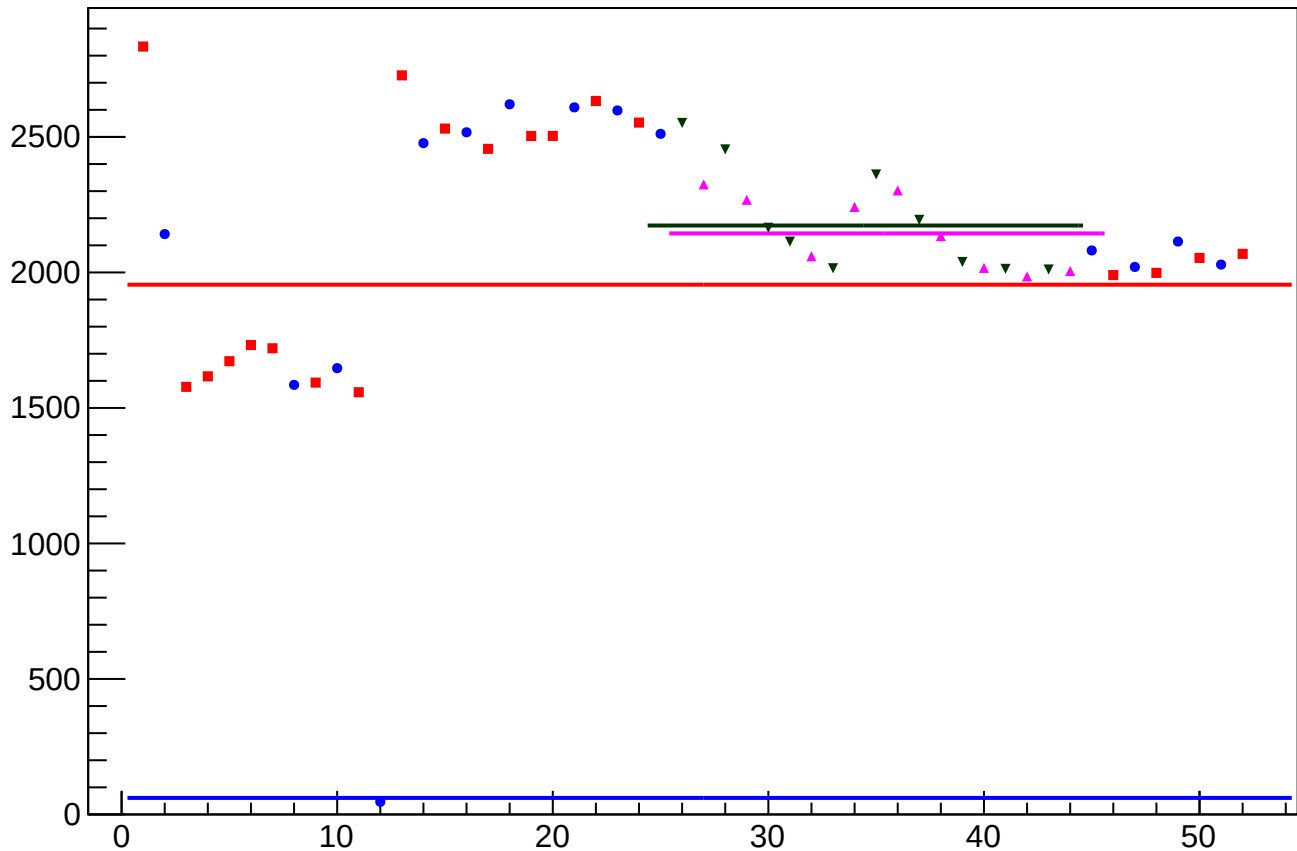
Left Out: 0.122 ± 0.952 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 0.805 ± 0.661 $\chi^2/\text{NDF}: 13.9/18$

Left In: -0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

-0.065 ± 0.060 $\chi^2/\text{NDF}: 55.5/51$

diff_bpm4acX_rms vs slug



Right In: 61.044+/-0.042 χ^2 /NDF: 16381205.4/13

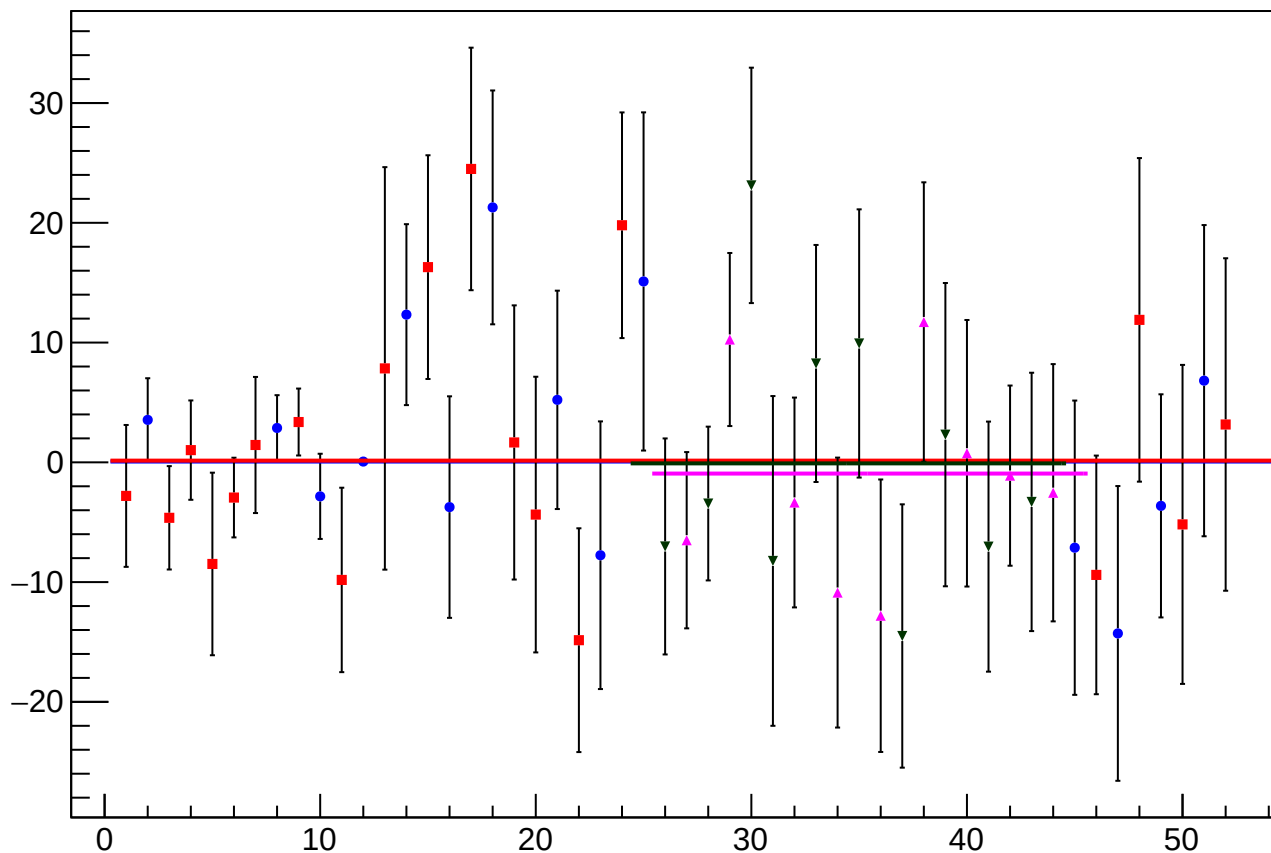
Left Out: 2173.150+/-0.673 χ^2 /NDF: 72524.5/9

Right Out: 1954.812+/-0.467 χ^2 /NDF: 771537.6/18

Left In: 2144.060+/-0.640 χ^2 /NDF: 40535.6/8

93.792+/-0.042 χ^2 /NDF: 53553236.0/51

diff_bpm4acY_mean vs slug



Right In: 0.066 $\pm$ 0.052 χ^2 /NDF: 14.3/13

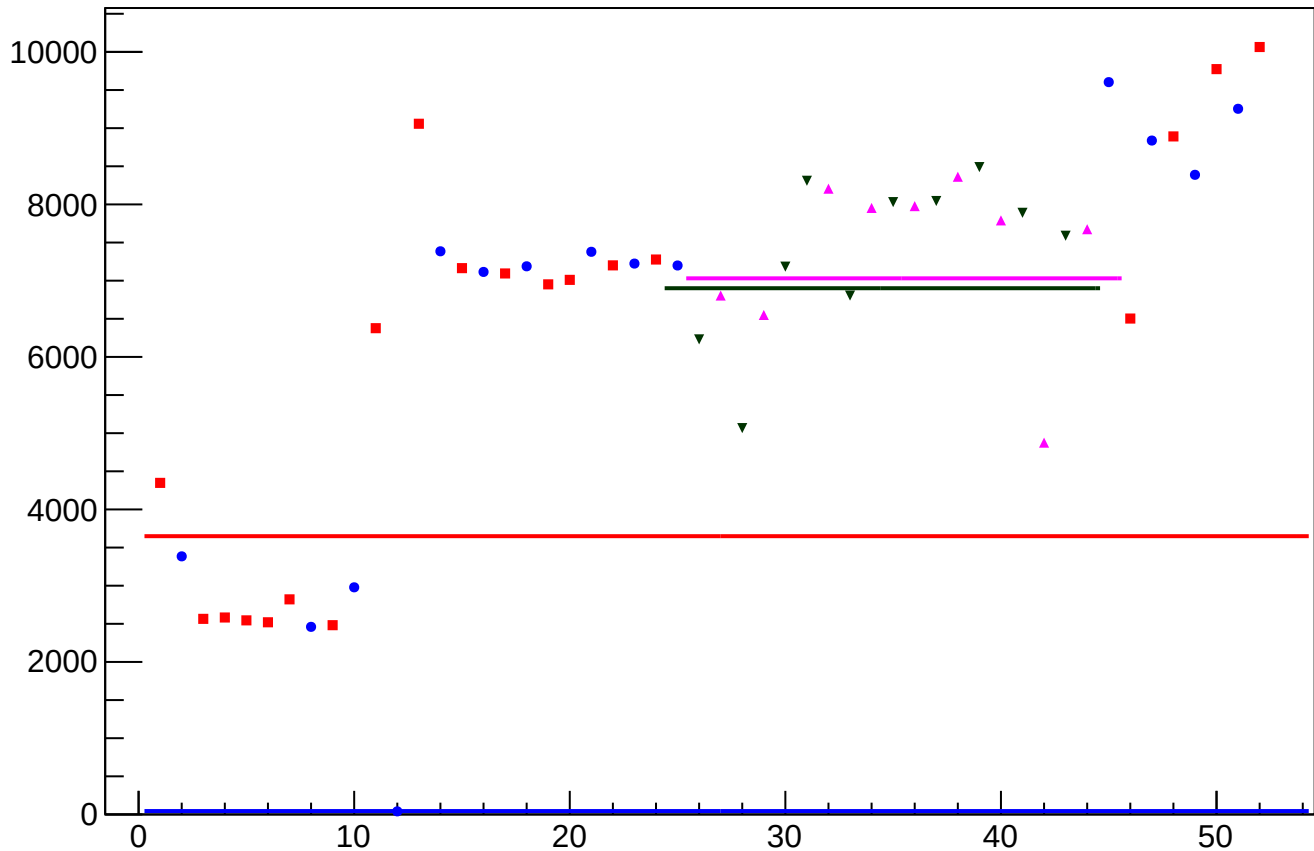
Left Out: -0.087 $\pm$ 3.121 χ^2 /NDF:10.6/9

Right Out: 0.142 $\pm$ 1.396 χ^2 /NDF: 24.7/18

Left In: -0.938 $\pm$ 3.043 χ^2 /NDF:6.1/8

0.066 $\pm$ 0.052 χ^2 /NDF: 55.8/51

diff_bpm4acY_rms vs slug



Right In: 44.613+/-0.037 χ^2/NDF : 16377100.7/13

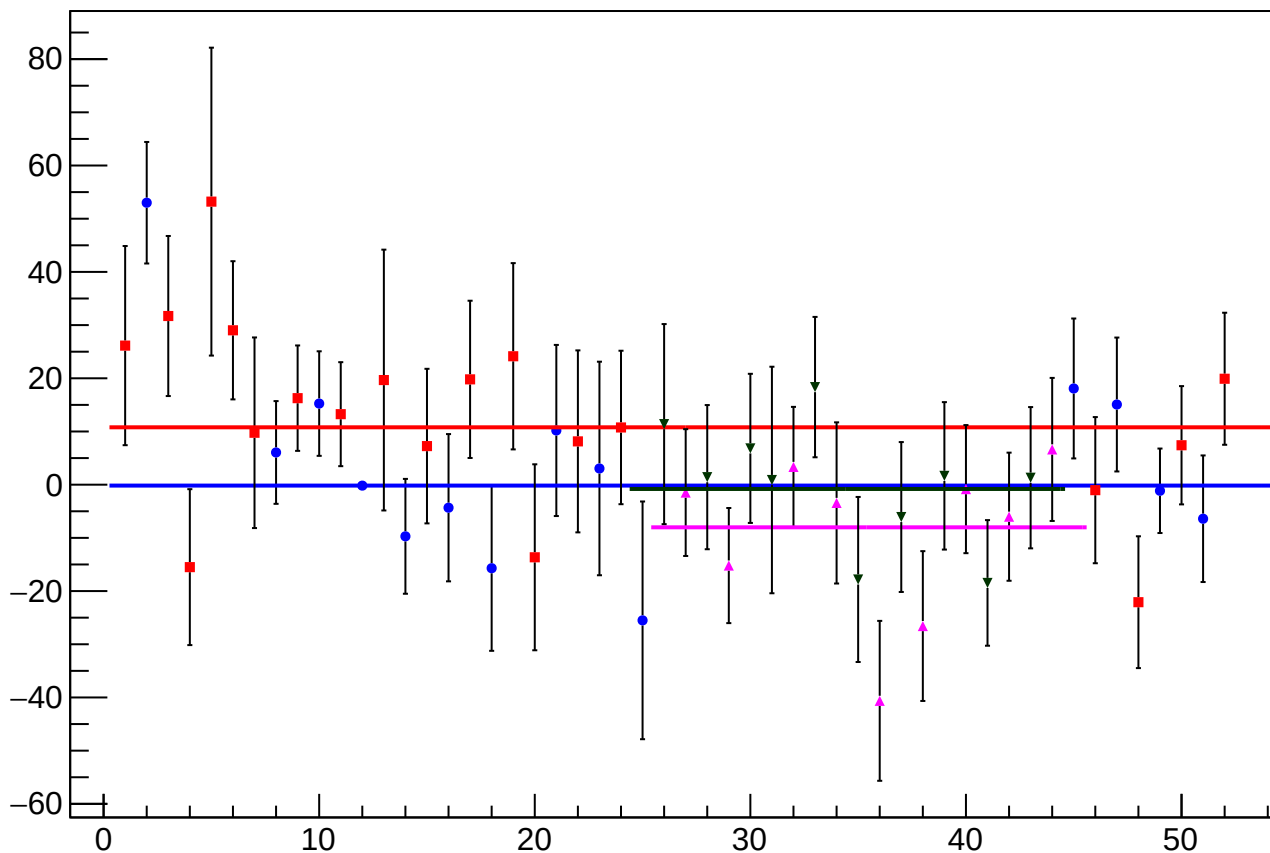
Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

53.569+/-0.037 χ^2/NDF : 54576912.4/51

Right Out: 3649.270+/-0.987 χ^2/NDF : 4161147.6/18

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: -0.170 ± 0.106 $\chi^2/\text{NDF}: 31.8/13$

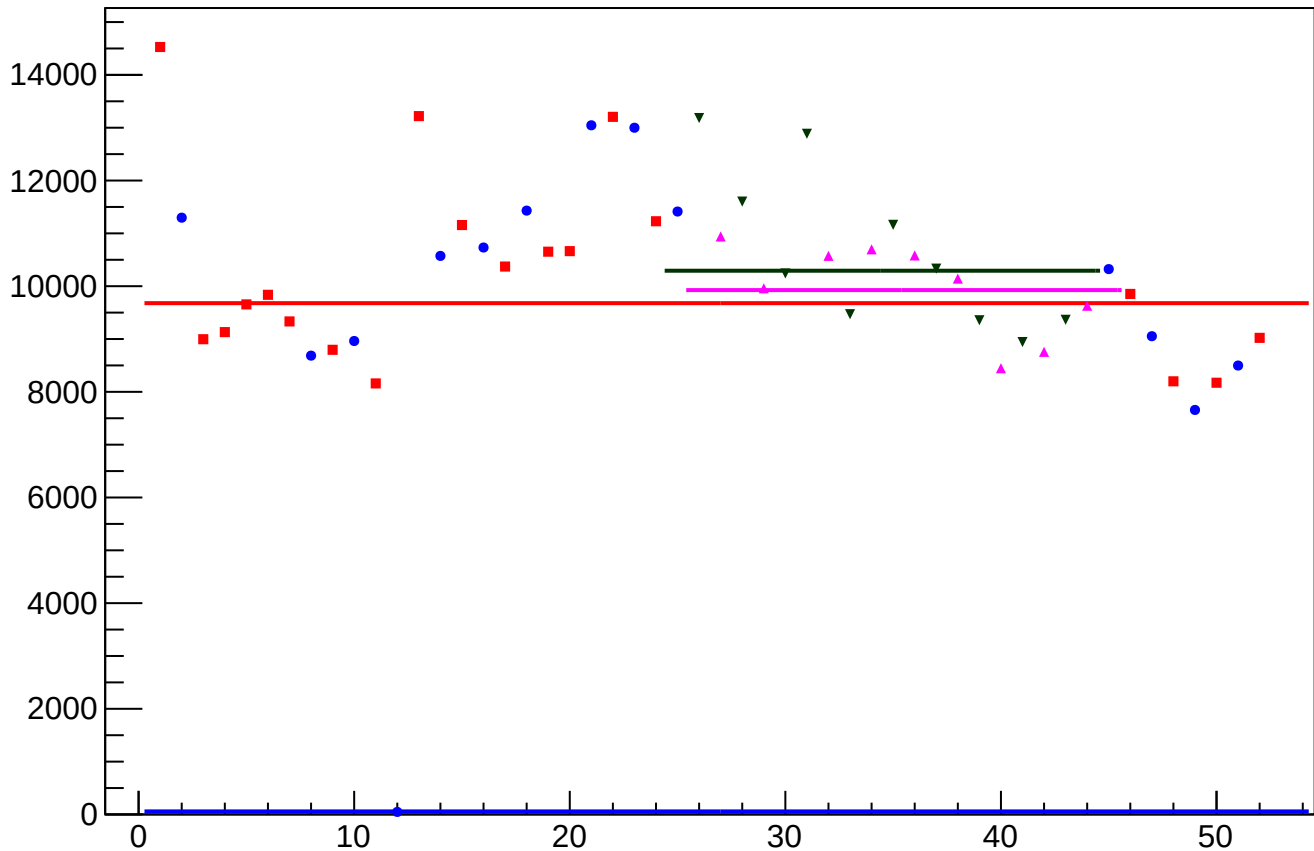
Left Out: -0.805 ± 4.538 $\chi^2/\text{NDF}: 6.5/9$

Right Out: 10.786 ± 3.245 $\chi^2/\text{NDF}: 21.9/18$

Left In: -8.016 ± 4.204 $\chi^2/\text{NDF}: 9.9/8$

-0.164 ± 0.106 $\chi^2/\text{NDF}: 84.9/51$

diff_bpm4ecX_rms vs slug



Right In: 57.848+/-0.075 χ^2/NDF : 17080799.9/13

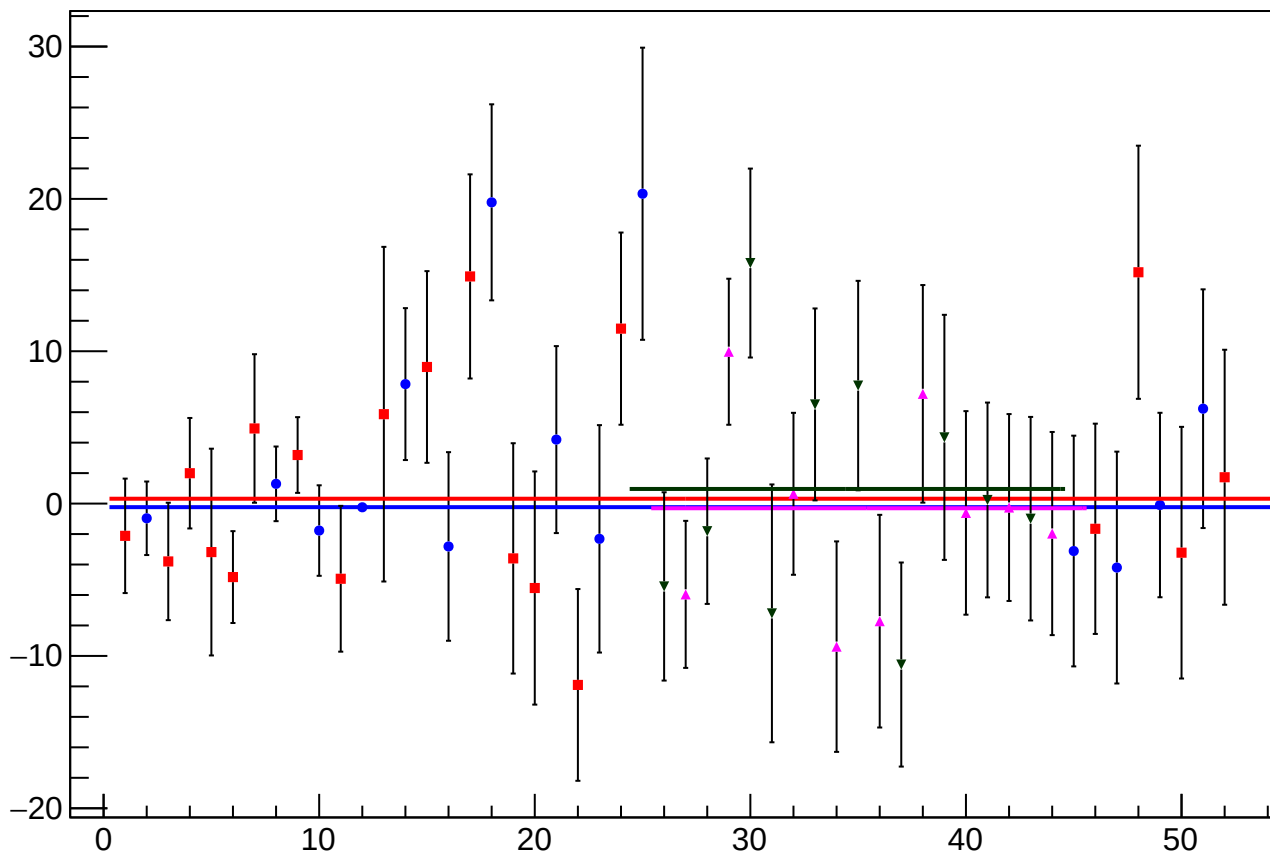
Left Out: 10292.914+/-3.209 χ^2/NDF : 154725.3/9

80.128+/-0.075 χ^2/NDF : 56464220.8/51

Right Out: 9679.041+/-2.295 χ^2/NDF : 465038.6/18

Left In: 9926.082+/-2.973 χ^2/NDF : 80597.6/8

diff_bpm4ecY_mean vs slug



Right In: -0.235 ± 0.090 $\chi^2/\text{NDF}: 19.5/13$

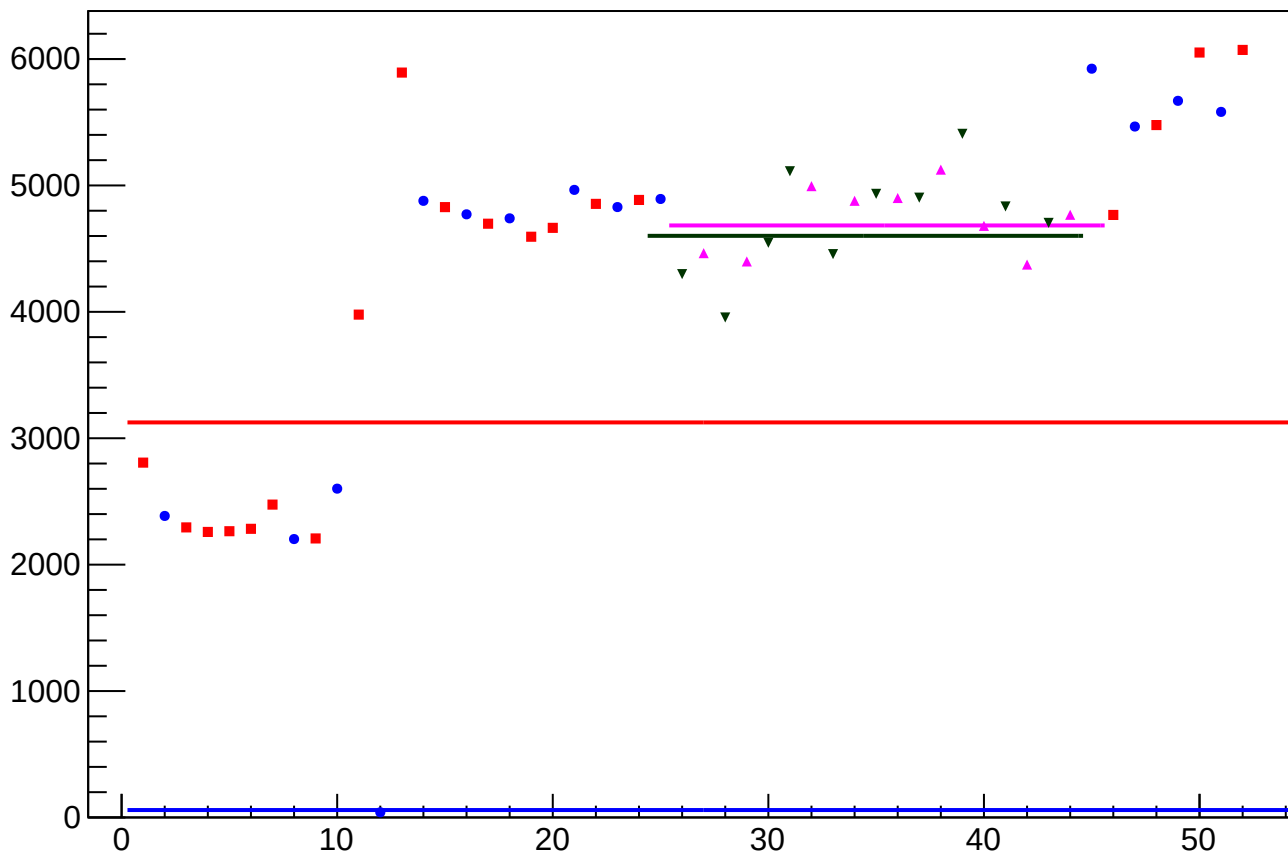
Left Out: 0.960 ± 2.037 $\chi^2/\text{NDF}: 13.0/9$

Right Out: 0.319 ± 1.119 $\chi^2/\text{NDF}: 26.5/18$

Left In: -0.307 ± 1.982 $\chi^2/\text{NDF}: 10.0/8$

-0.229 ± 0.089 $\chi^2/\text{NDF}: 69.7/51$

diff_bpm4ecY_rms vs slug



Right In: 58.690 $\pm$ 0.064 χ^2 /NDF: 16546191.7/13

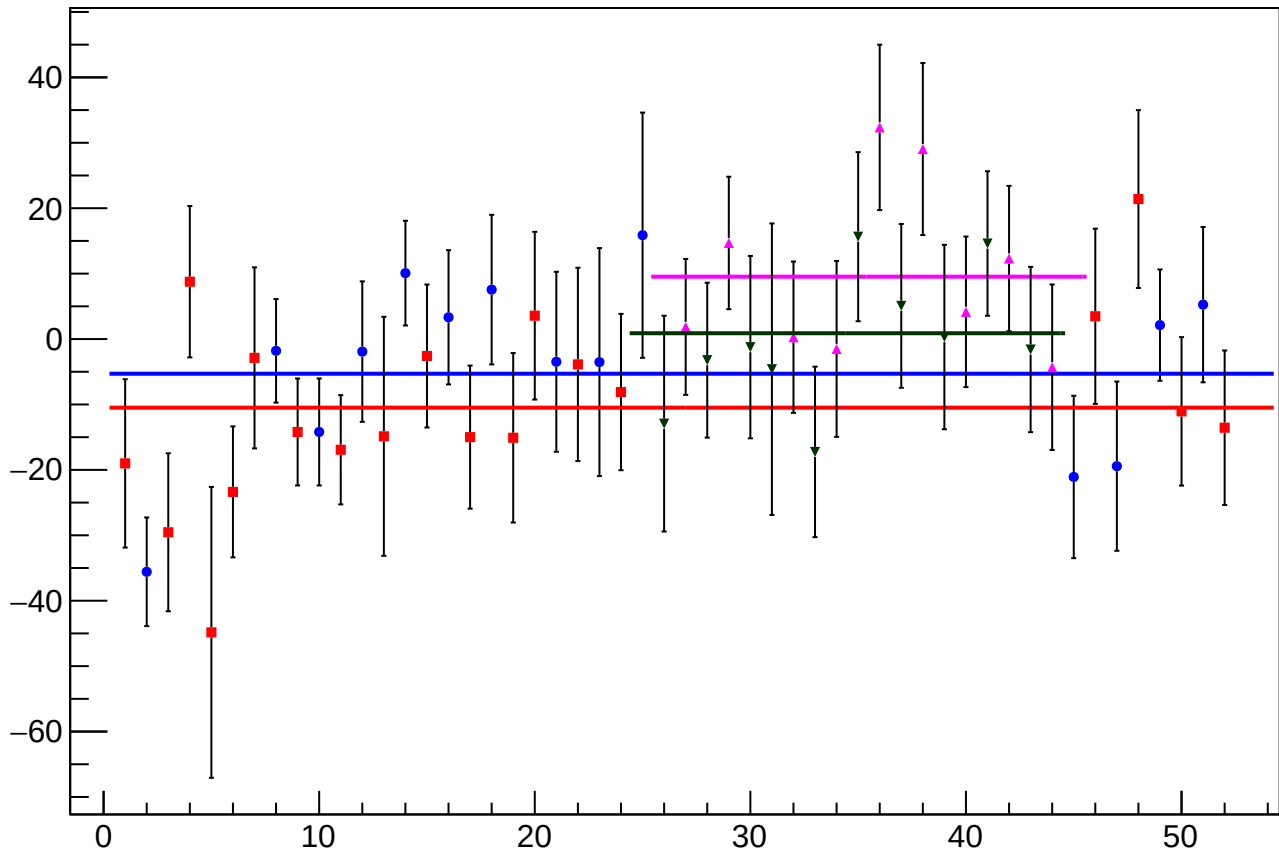
Left Out: 4601.382 $\pm$ 1.440 χ^2 /NDF: 81907.0/9

96.471 $\pm$ 0.063 χ^2 /NDF: 54562793.4/51

Right Out: 3125.229 $\pm$ 0.791 χ^2 /NDF: 2400704.8/18

Left In: 4683.549 $\pm$ 1.402 χ^2 /NDF: 34623.2/8

diff_bpm1X_mean vs slug



Right In: -5.300 ± 2.756 $\chi^2/\text{NDF}: 26.1/13$

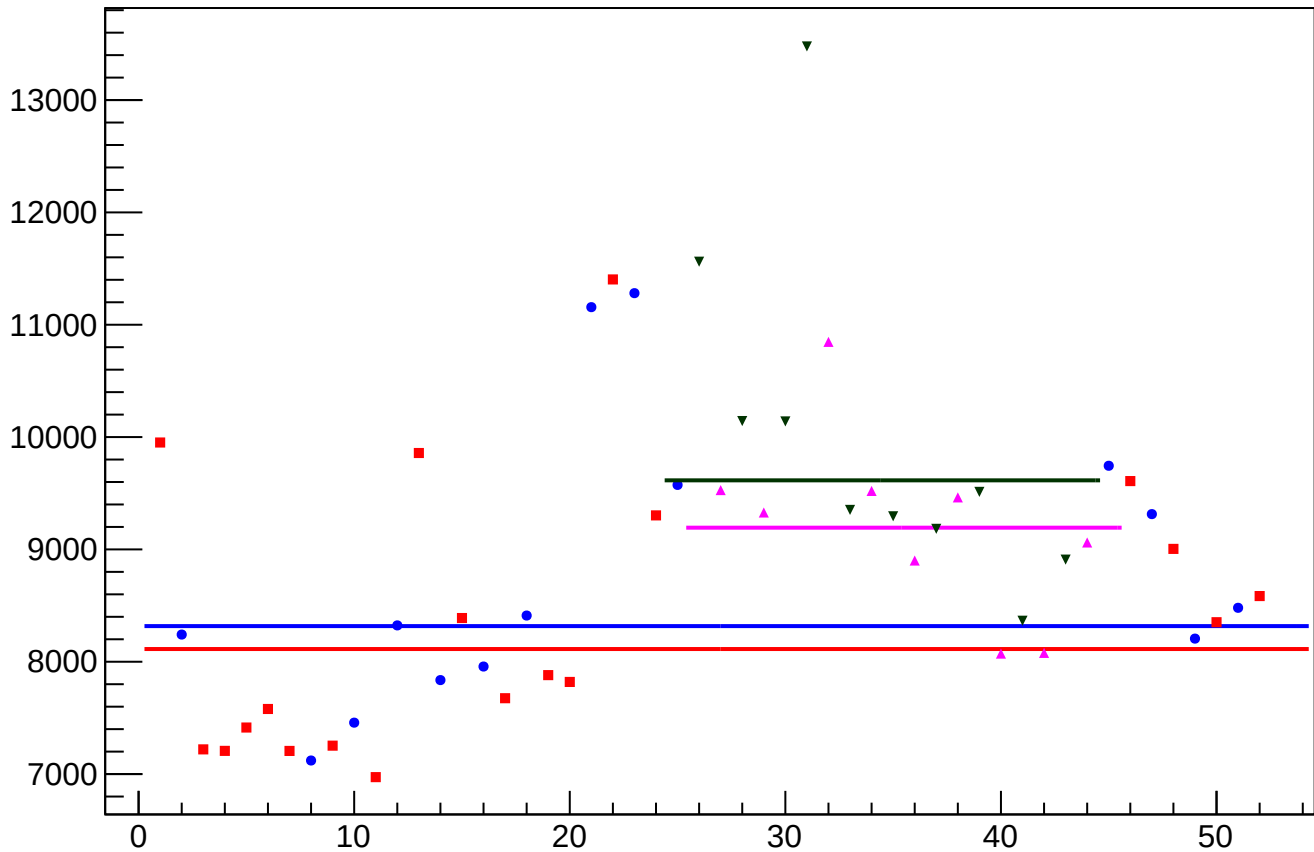
Left Out: 0.888 ± 4.236 $\chi^2/\text{NDF}: 5.8/9$

Right Out: -10.489 ± 2.710 $\chi^2/\text{NDF}: 19.8/18$

Left In: 9.535 ± 3.893 $\chi^2/\text{NDF}: 9.1/8$

-3.716 ± 1.602 $\chi^2/\text{NDF}: 80.2/51$

diff_bpm1X_rms vs slug



Right In: 8317.257+/-1.949 χ^2/NDF : 268805.7/13

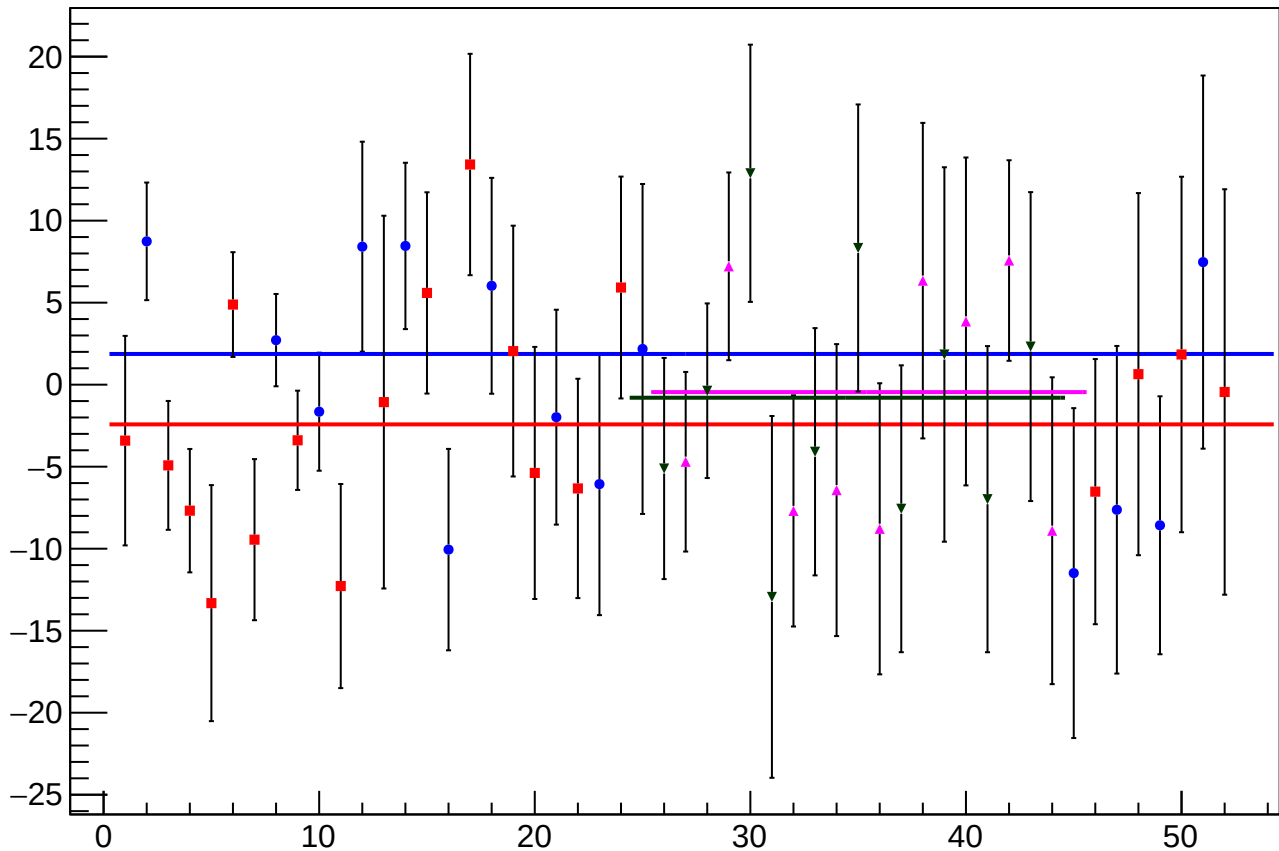
Left Out: 9614.809+/-2.996 χ^2/NDF :131171.7/9

8579.898+/-1.133 χ^2/NDF : 1053114.2/51

Right Out: 8113.171+/-1.916 χ^2/NDF : 320833.5/18

Left In: 9193.398+/-2.753 χ^2/NDF :85779.5/8

diff_bpm1Y_mean vs slug



Right In: 1.872 ± 1.433 χ^2/NDF : 17.6/13

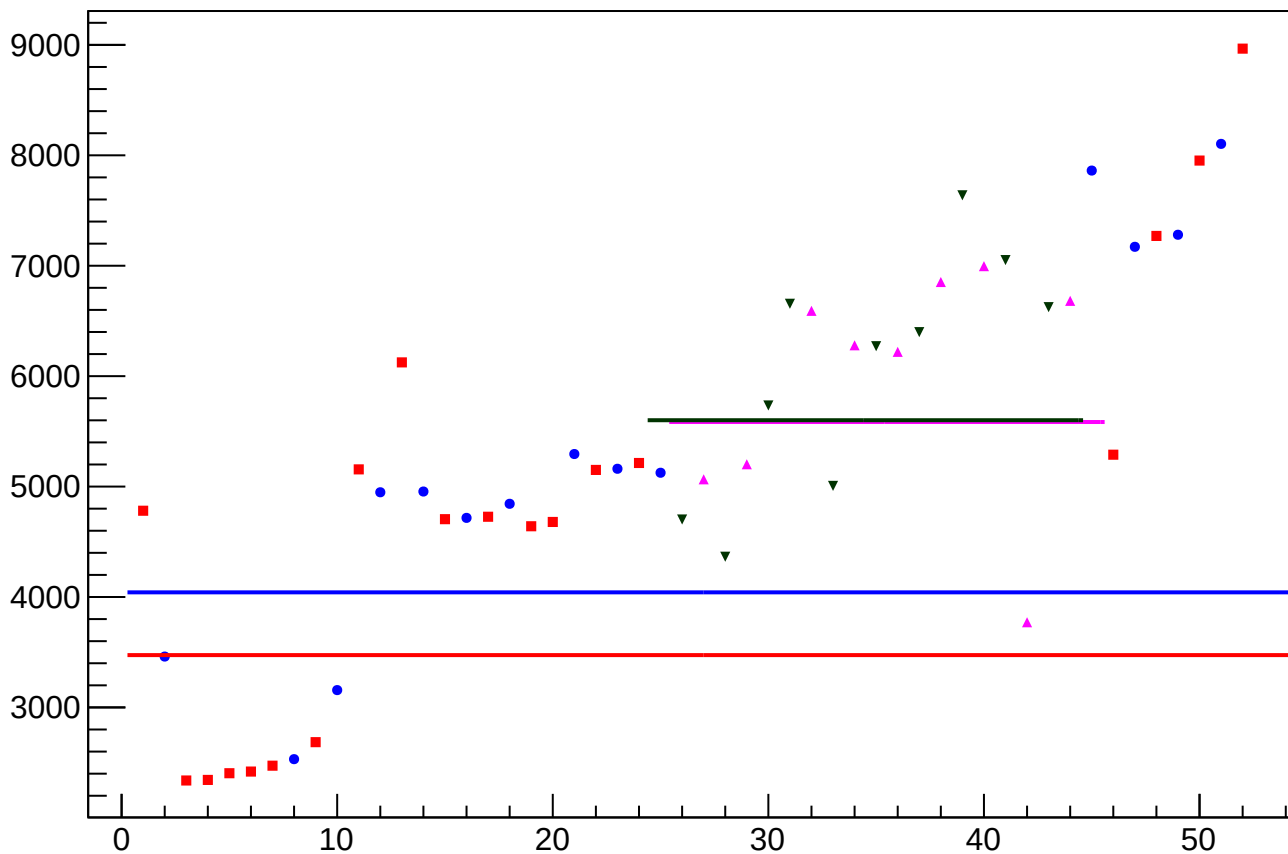
Left Out: -0.796 ± 2.532 χ^2/NDF : 7.2/9

-0.561 ± 0.834 χ^2/NDF : 62.5/51

Right Out: -2.421 ± 1.263 χ^2/NDF : 24.7/18

Left In: -0.453 ± 2.437 χ^2/NDF : 8.0/8

diff_bpm1Y_rms vs slug



Right In: 4042.079+/-1.013 χ^2/NDF : 2123428.8/13

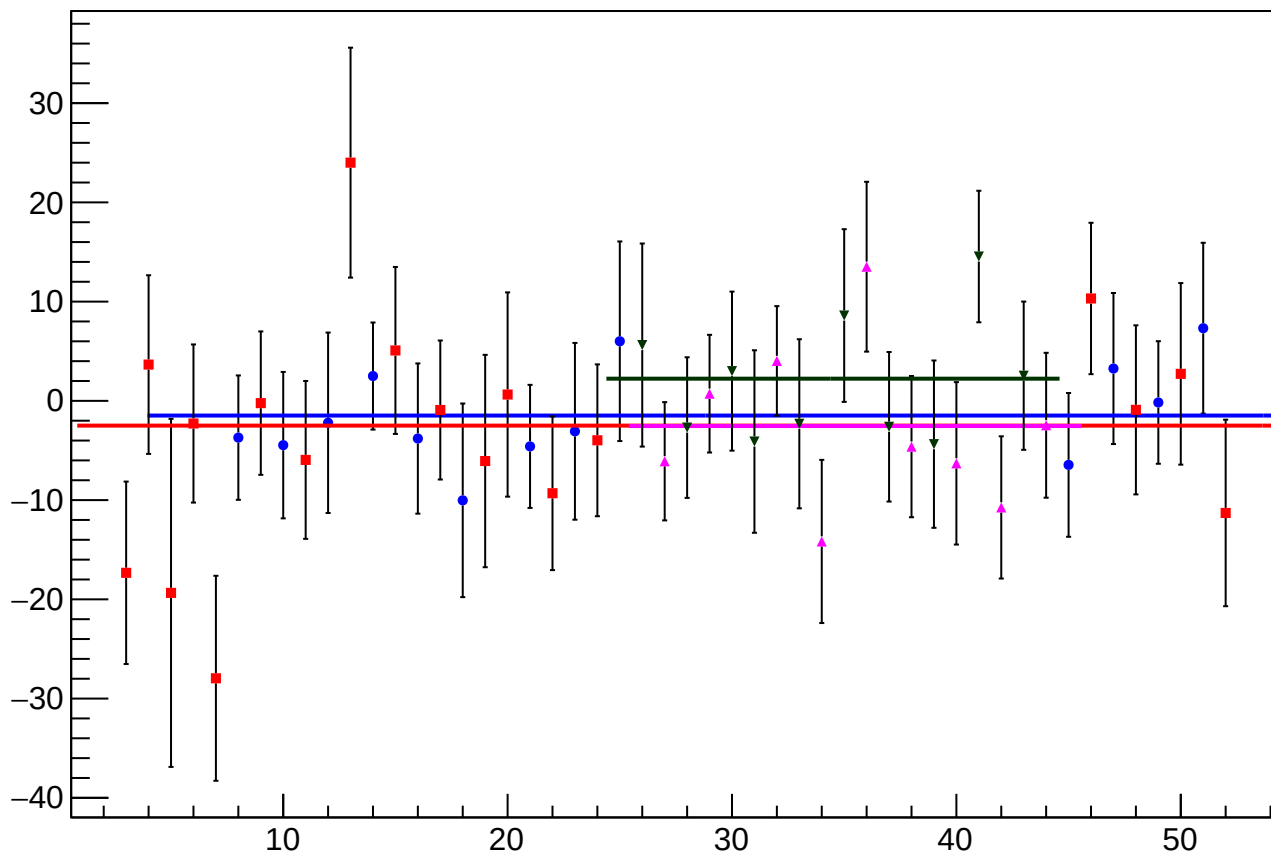
Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

4143.900+/-0.590 χ^2/NDF : 7509715.6/51

Right Out: 3473.768+/-0.893 χ^2/NDF : 2745102.8/18

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

diff_bpm11X_mean vs slug



Right In: -1.481 ± 2.029 χ^2/NDF : 4.5/12

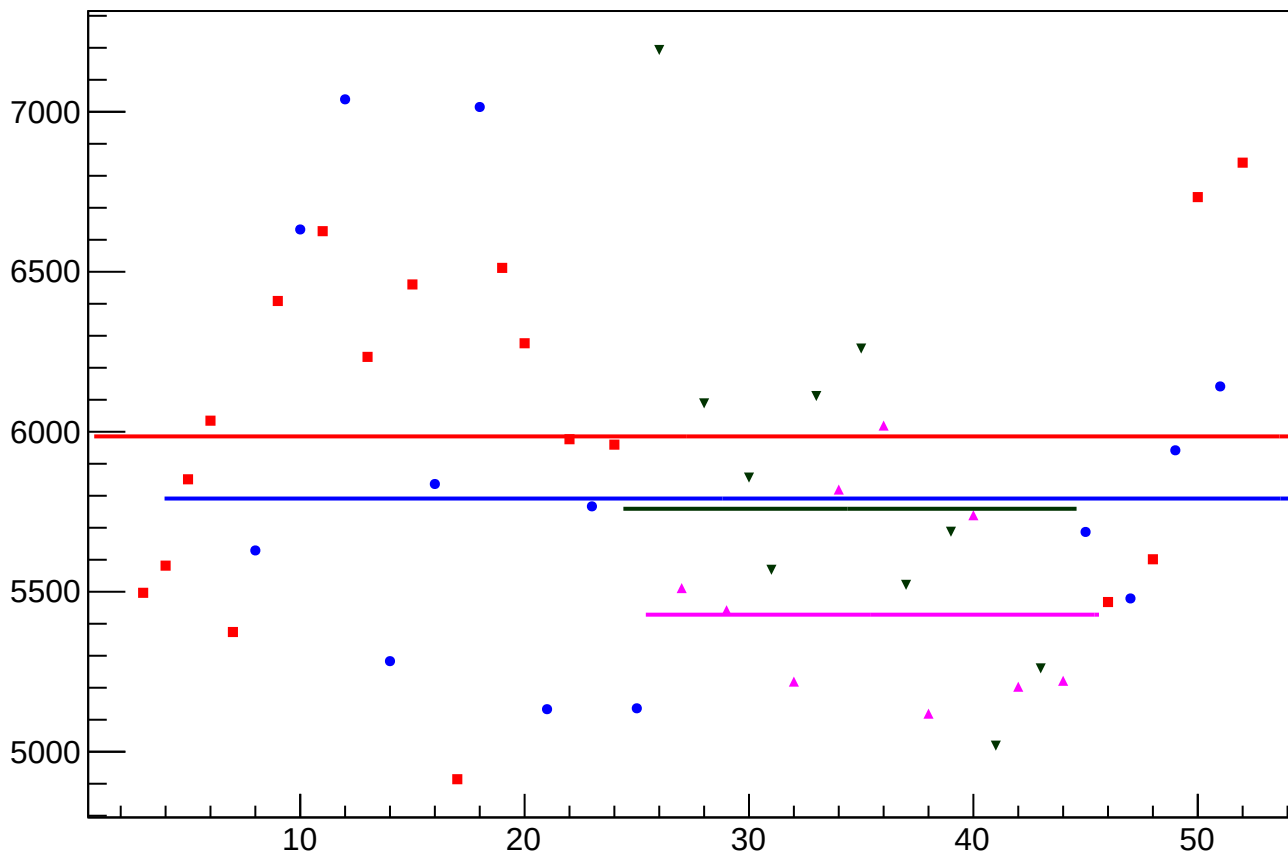
Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

Right Out: -2.495 ± 2.060 χ^2/NDF : 21.5/17

Left In: -2.537 ± 2.289 χ^2/NDF : 9.2/8

-1.311 ± 1.101 χ^2/NDF : 44.2/49

diff_bpm11X_rms vs slug



Right In: 5791.314+/-1.435 χ^2/NDF : 153638.6/12

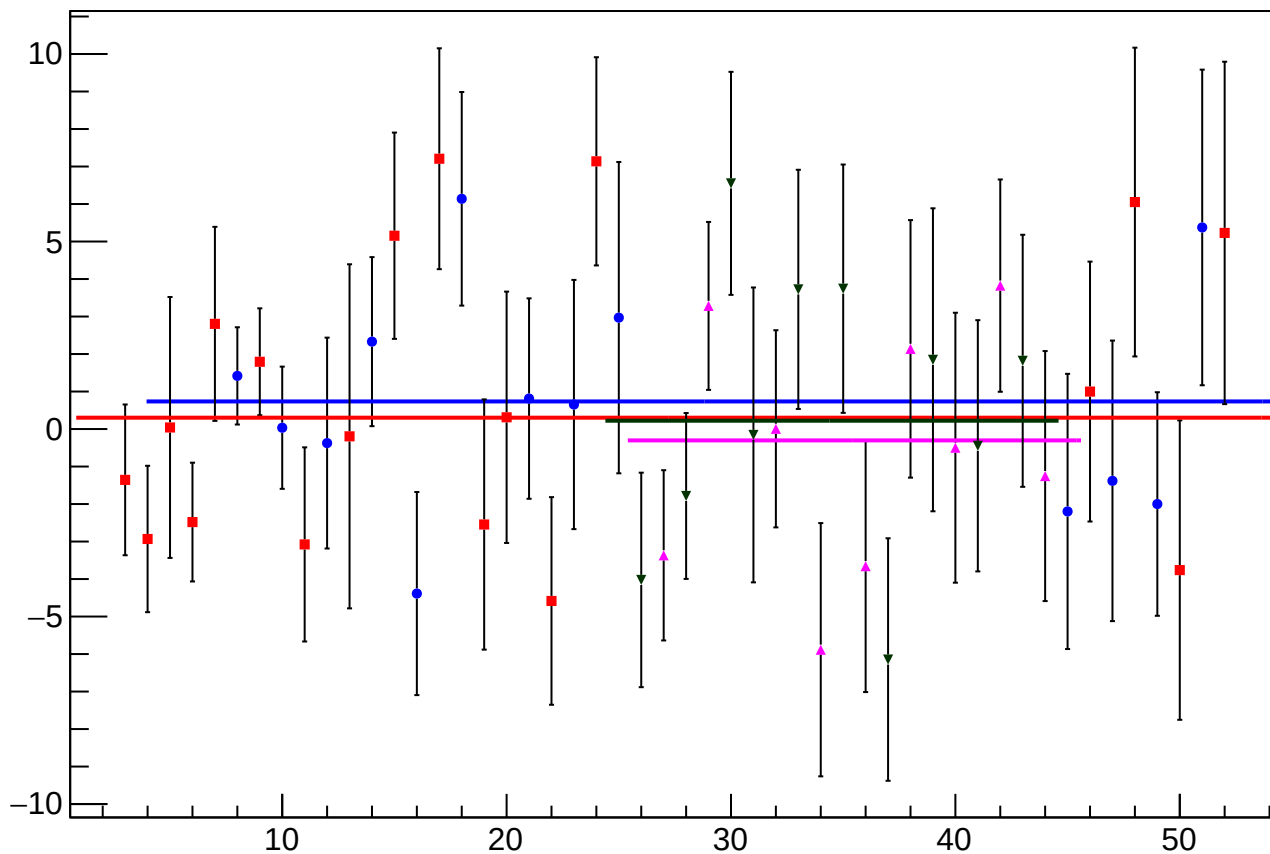
Left Out: 5759.309+/-1.789 χ^2/NDF : 90824.6/9

5756.784+/-0.778 χ^2/NDF : 478999.6/49

Right Out: 5985.496+/-1.457 χ^2/NDF : 140543.4/17

Left In: 5428.343+/-1.619 χ^2/NDF : 27583.1/8

diff_bpm11Y_mean vs slug



Right In: 0.736 ± 0.681 χ^2/NDF : 11.6/12

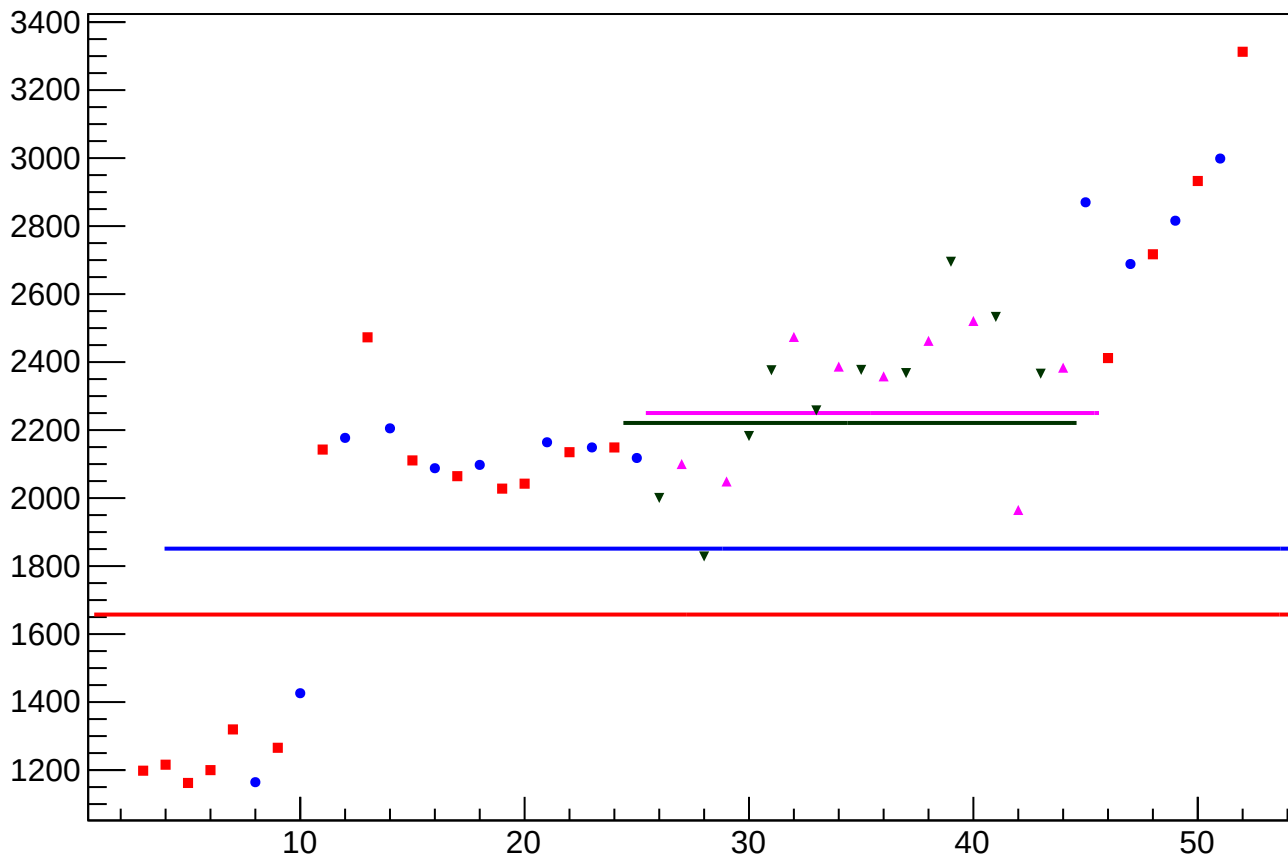
Left Out: 0.222 ± 0.986 χ^2/NDF : 14.2/9

Right Out: 0.303 ± 0.601 χ^2/NDF : 33.0/17

Left In: -0.303 ± 0.957 χ^2/NDF : 10.8/8

0.330 ± 0.377 χ^2/NDF : 70.4/49

diff_bpm11Y_rms vs slug



Right In: 1851.293+/-0.481 χ^2 /NDF: 1467993.1/12

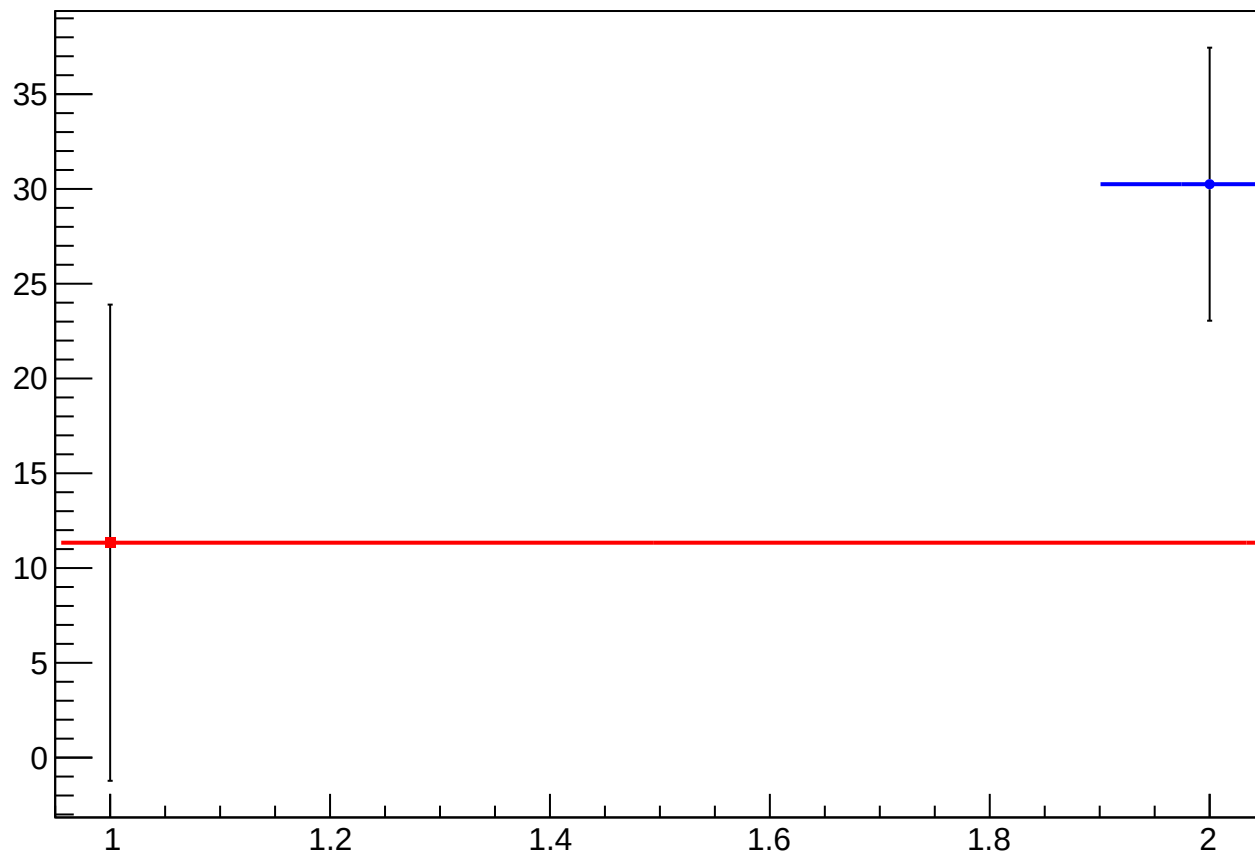
Left Out: 2220.975+/-0.697 χ^2 /NDF:135802.0/9

Right Out: 1657.427+/-0.425 χ^2 /NDF: 1693357.3/17

Left In: 2250.180+/-0.677 χ^2 /NDF:87194.0/8

1890.830+/-0.266 χ^2 /NDF: 4199020.5/49

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

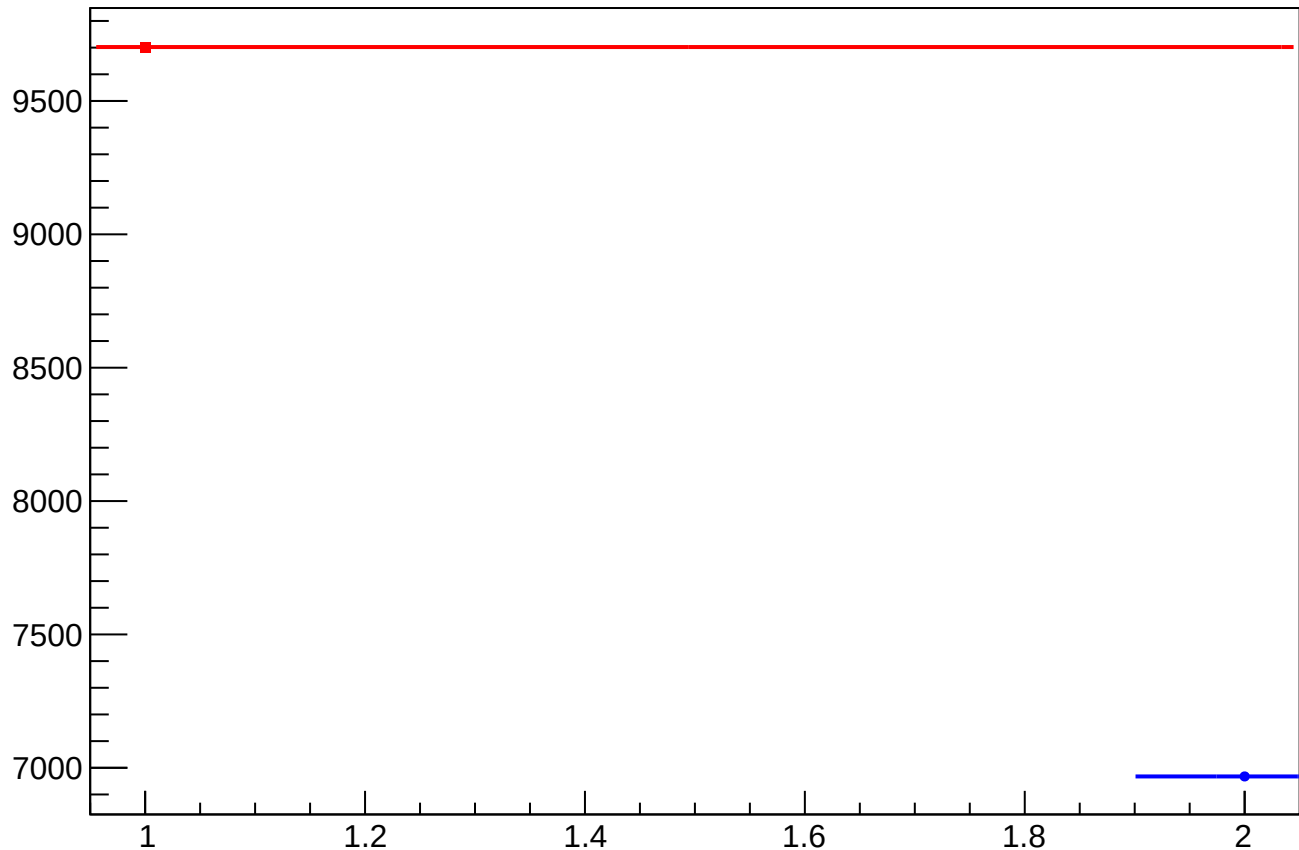
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

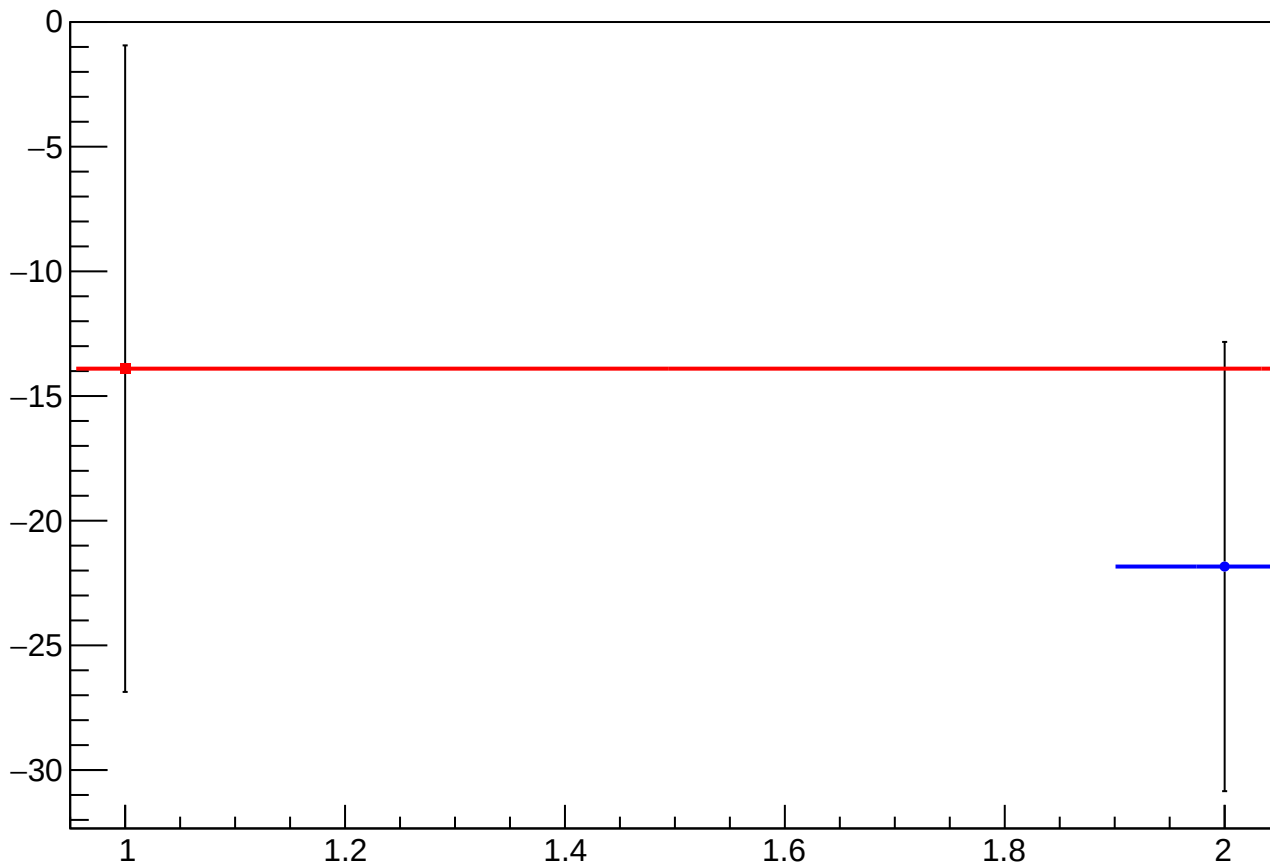
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

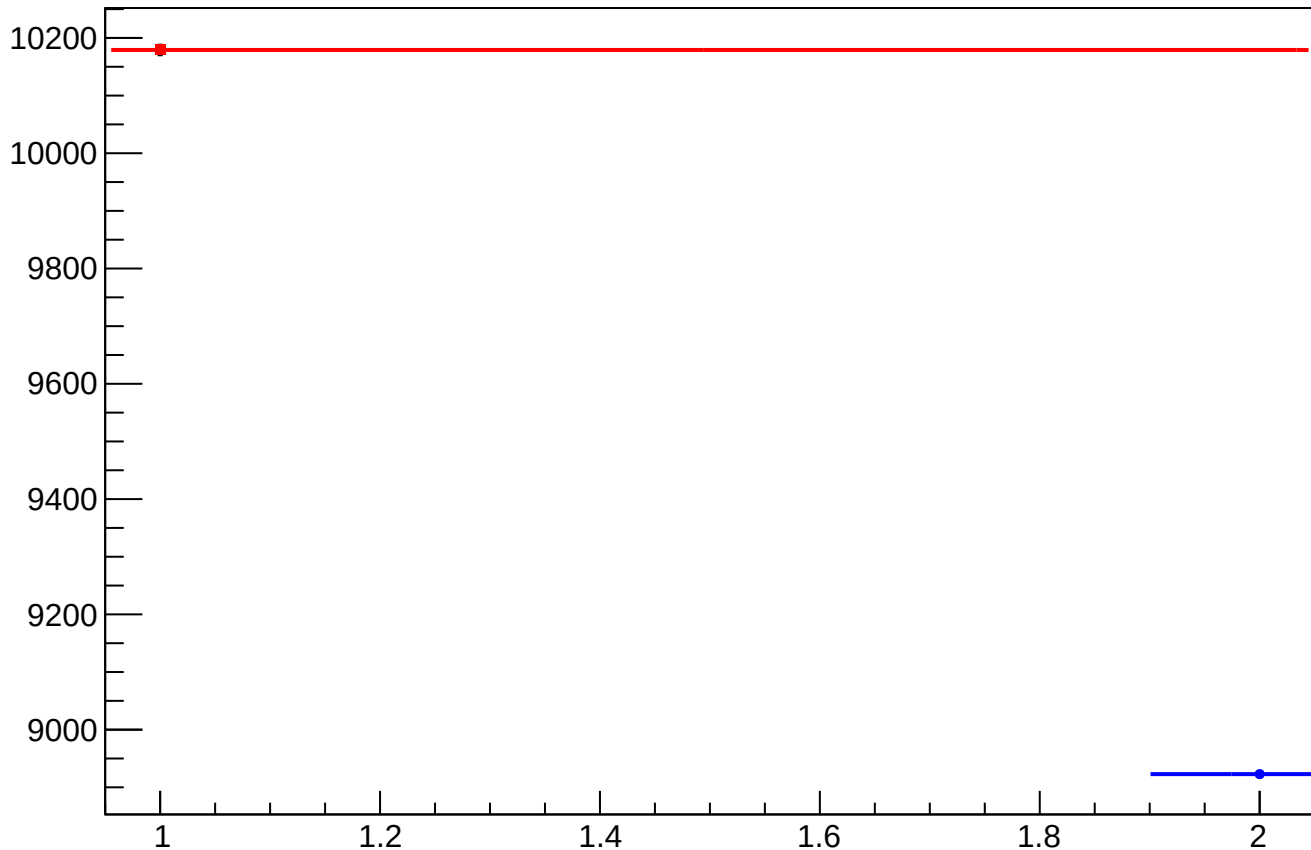
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

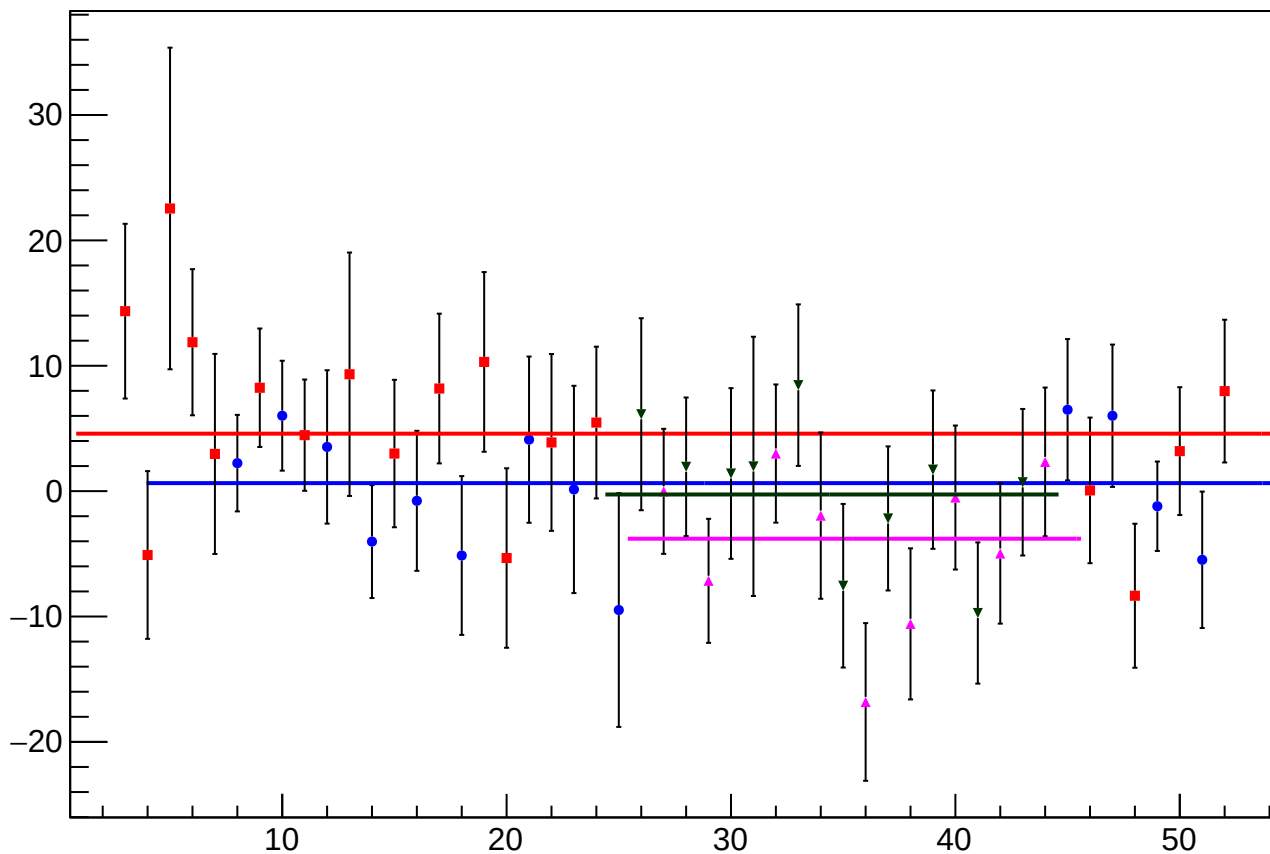
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

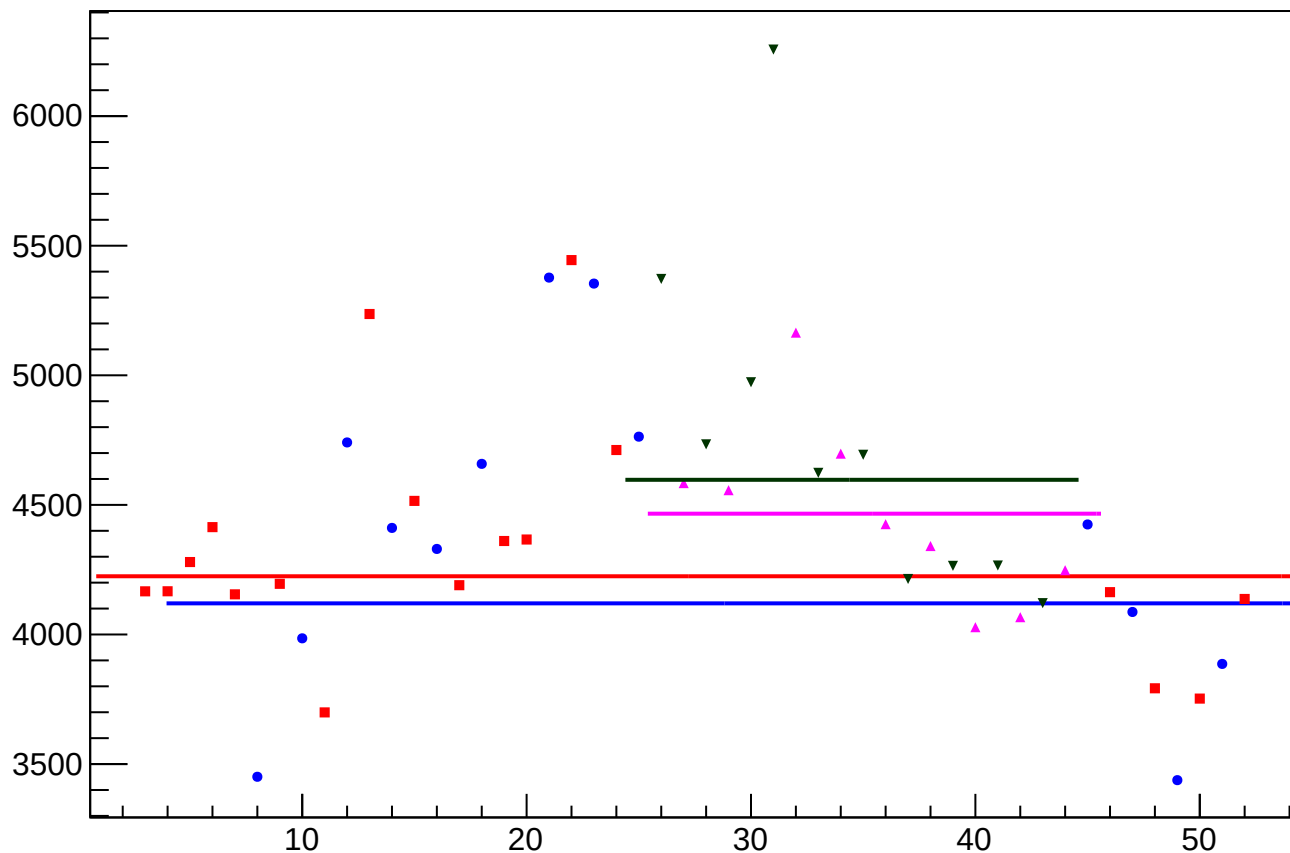
Left Out: -0.266 ± 2.022 χ^2/NDF : 7.1/9

Right Out: 4.583 ± 1.454 χ^2/NDF : 17.6/17

Left In: -3.796 ± 1.889 χ^2/NDF : 9.6/8

0.911 ± 0.824 χ^2/NDF : 56.1/49

diff_bpm16X_rms vs slug



Right In: 4120.101+/-1.024 χ^2/NDF : 317283.5/12

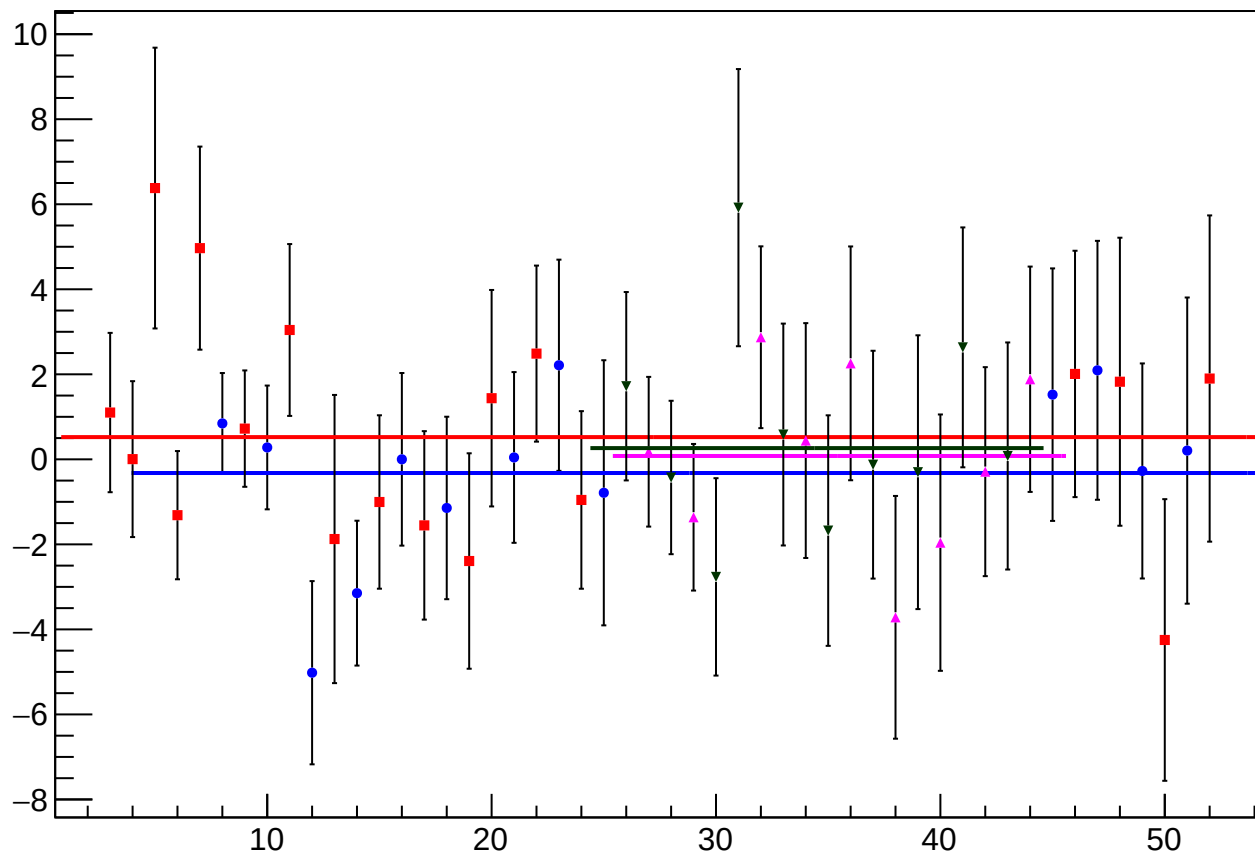
Left Out: 4596.789+/-1.430 χ^2/NDF : 114406.0/9

Right Out: 4224.628+/-1.028 χ^2/NDF : 160861.6/17

Left In: 4466.082+/-1.336 χ^2/NDF : 61839.9/8

4298.479+/-0.582 χ^2/NDF : 749125.5/49

diff_bpm16Y_mean vs slug



Right In: -0.322 ± 0.562 χ^2/NDF : 10.9/12

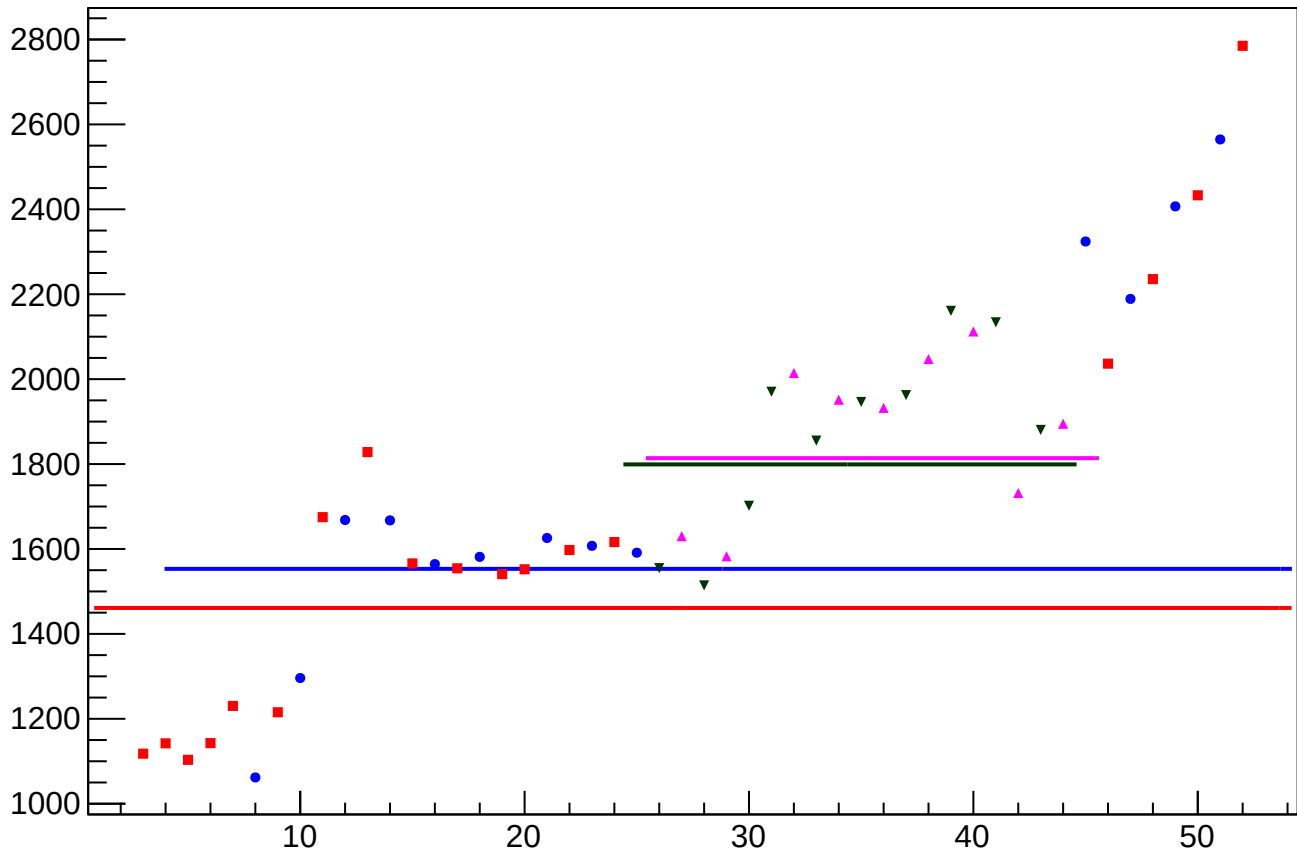
Left Out: 0.264 ± 0.797 χ^2/NDF : 6.6/9

Right Out: 0.523 ± 0.517 χ^2/NDF : 17.2/17

Left In: 0.079 ± 0.771 χ^2/NDF : 5.8/8

0.146 ± 0.314 χ^2/NDF : 41.8/49

diff_bpm16Y_rms vs slug



Right In: 1553.182 $\pm$ 0.397 χ^2 /NDF: 1032738.7/12

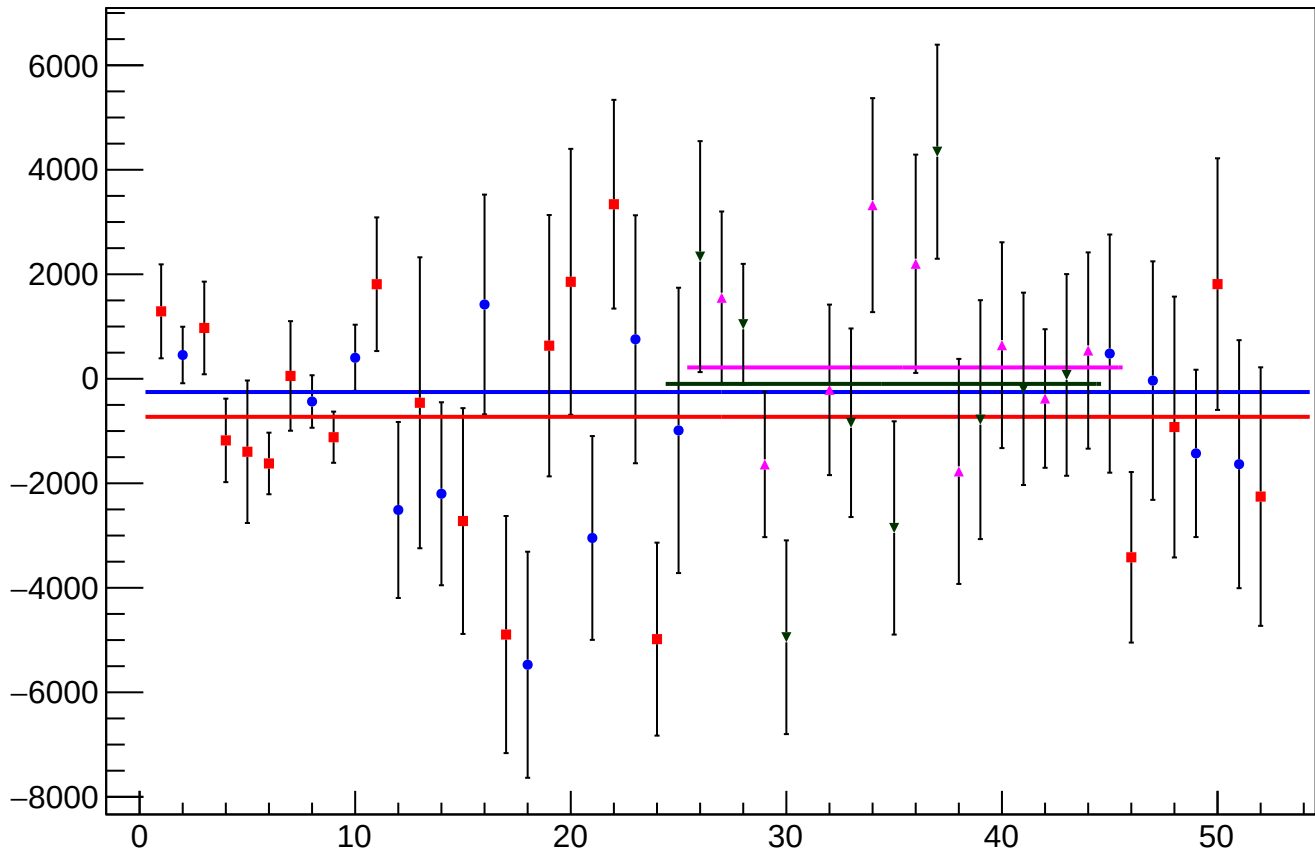
Left Out: 1799.198 $\pm$ 0.563 χ^2 /NDF:152718.9/9

1600.592 $\pm$ 0.222 χ^2 /NDF: 2739458.2/49

Right Out: 1461.102 $\pm$ 0.366 χ^2 /NDF: 995981.9/17

Left In: 1813.912 $\pm$ 0.545 χ^2 /NDF:121077.4/8

asym_sam1_mean vs slug



Right In: -253.297 ± 282.600 χ^2/NDF : 15.7/13

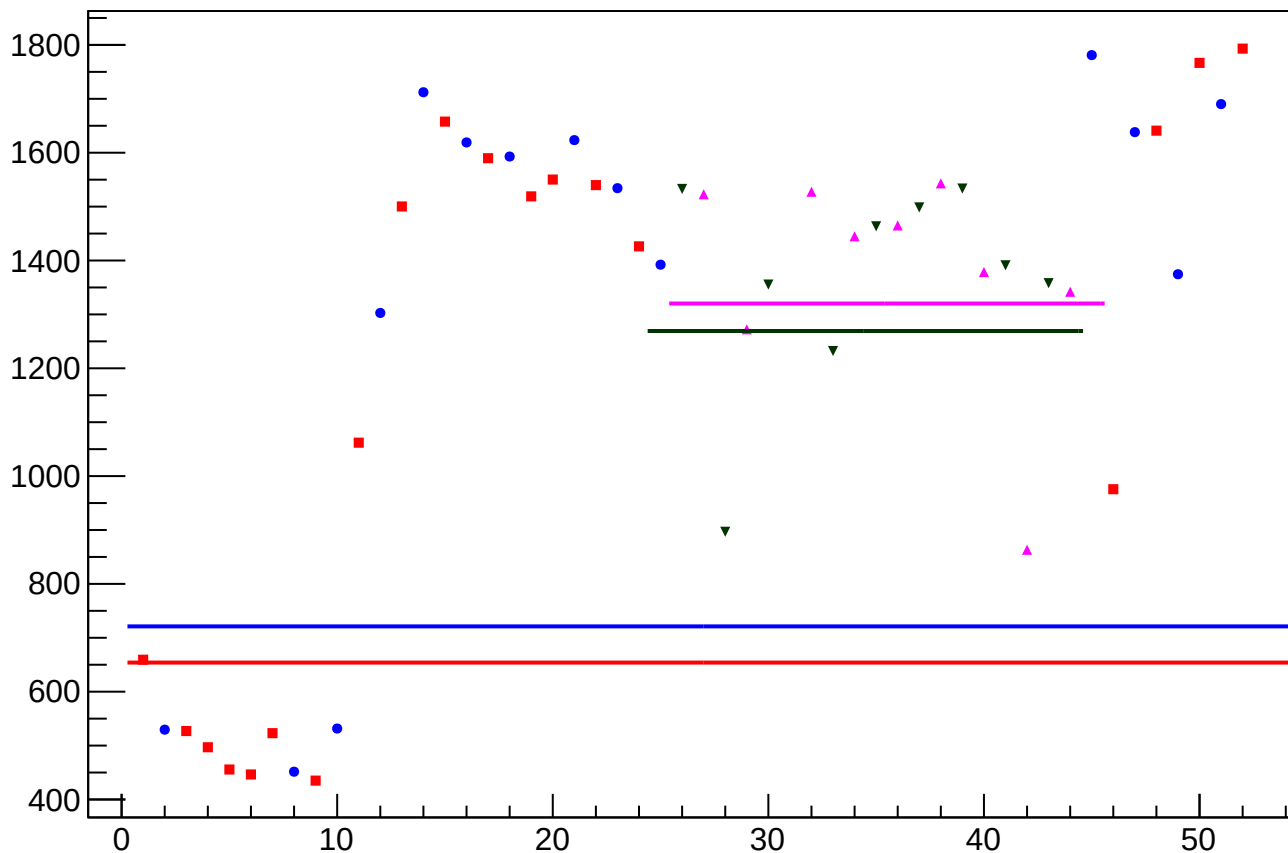
Left Out: -97.646 ± 599.085 χ^2/NDF : 15.8/8

-414.931 ± 171.976 χ^2/NDF : 77.6/50

Right Out: -727.975 ± 254.400 χ^2/NDF : 35.9/18

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

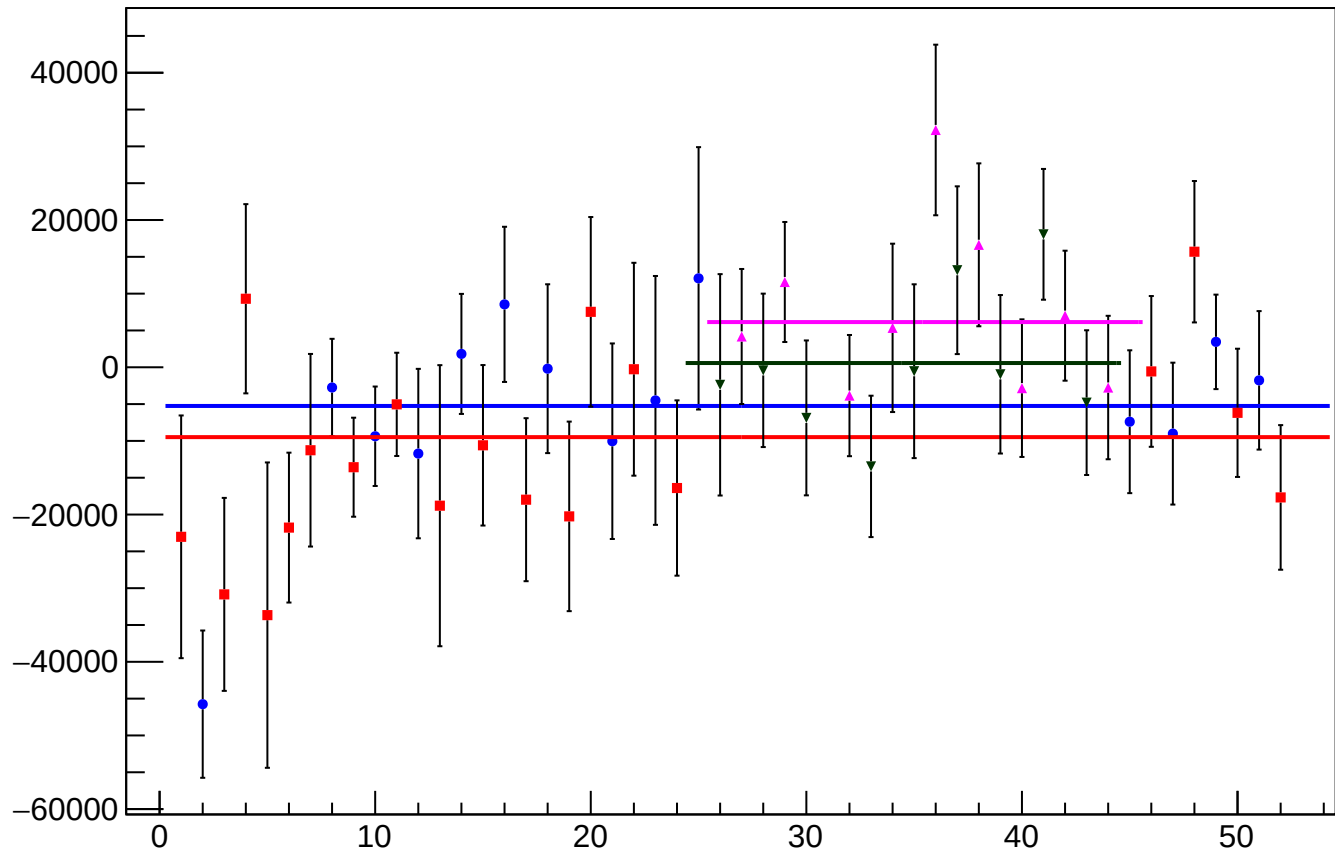
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 654.027+/-0.180 χ^2/NDF : 4472452.1/18

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

789.729+/-0.122 χ^2/NDF : 13606578.0/50

asym_sam2_mean vs slug



Right In: -5252.570 ± 2474.226 $\chi^2/\text{NDF}: 23.1/13$

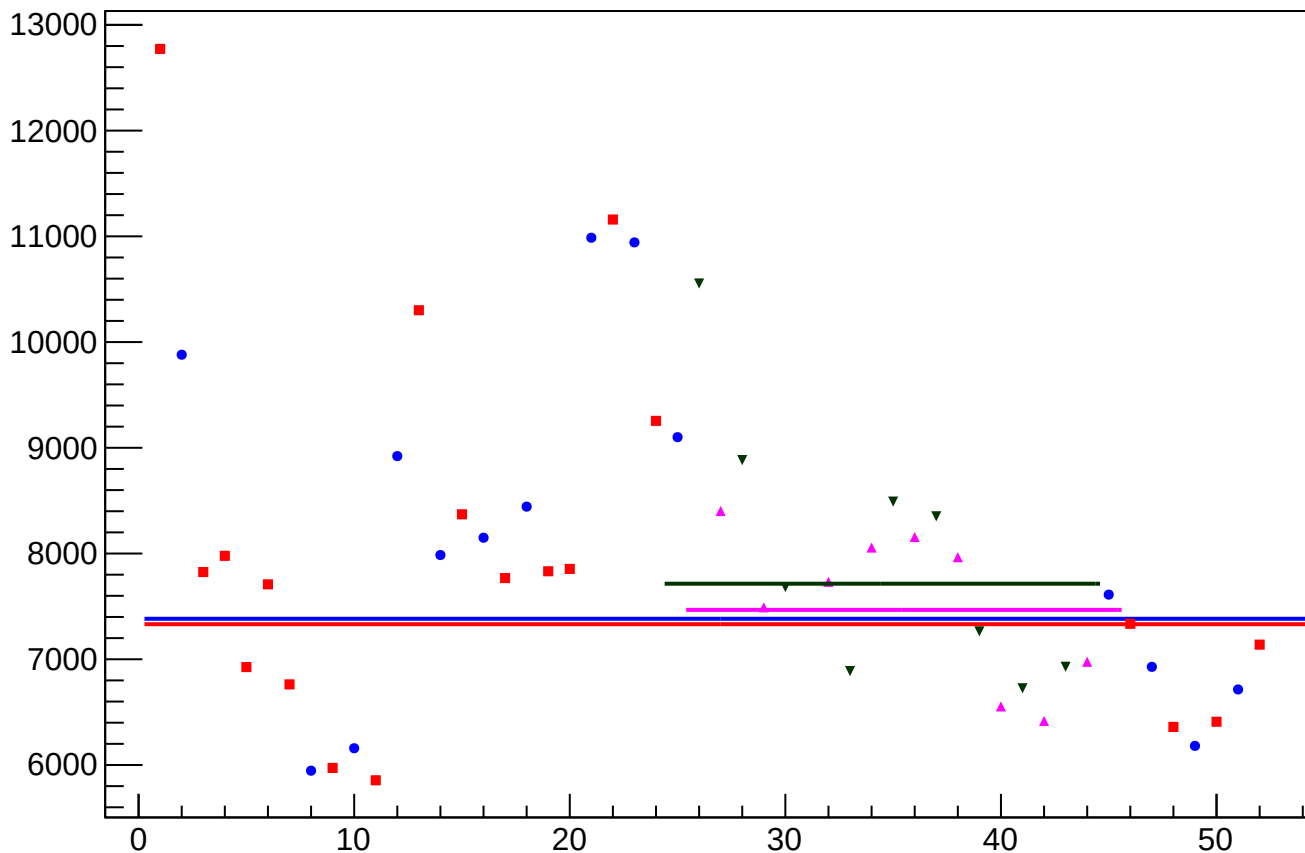
Left Out: 577.076 ± 3533.752 $\chi^2/\text{NDF}: 8.1/8$

-3447.747 ± 1405.416 $\chi^2/\text{NDF}: 79.5/50$

Right Out: -9485.760 ± 2476.632 $\chi^2/\text{NDF}: 21.6/18$

Left In: 6139.136 ± 3165.220 $\chi^2/\text{NDF}: 9.7/8$

asym_sam2_rms vs slug



Right In: 7382.870+/-1.750 χ^2/NDF : 699930.3/13

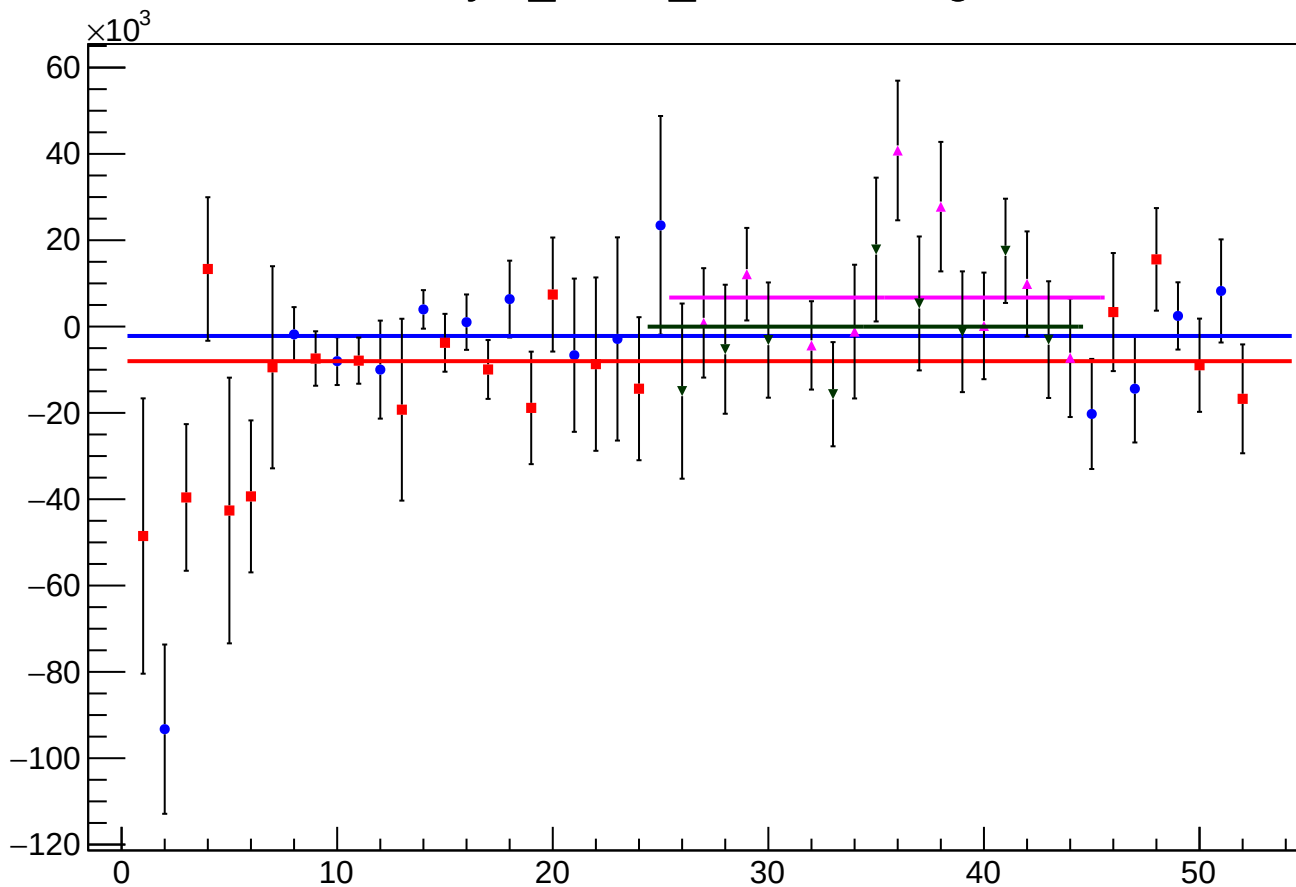
Left Out: 7714.631+/-2.499 χ^2/NDF : 167394.8/8

Right Out: 7331.376+/-1.751 χ^2/NDF : 715771.6/18

Left In: 7467.205+/-2.238 χ^2/NDF : 91846.7/8

7435.391+/-0.994 χ^2/NDF : 1692063.0/50

asym_sam3_mean vs slug



Right In: -2178.666+/-2248.525 χ^2/NDF : 31.4/13

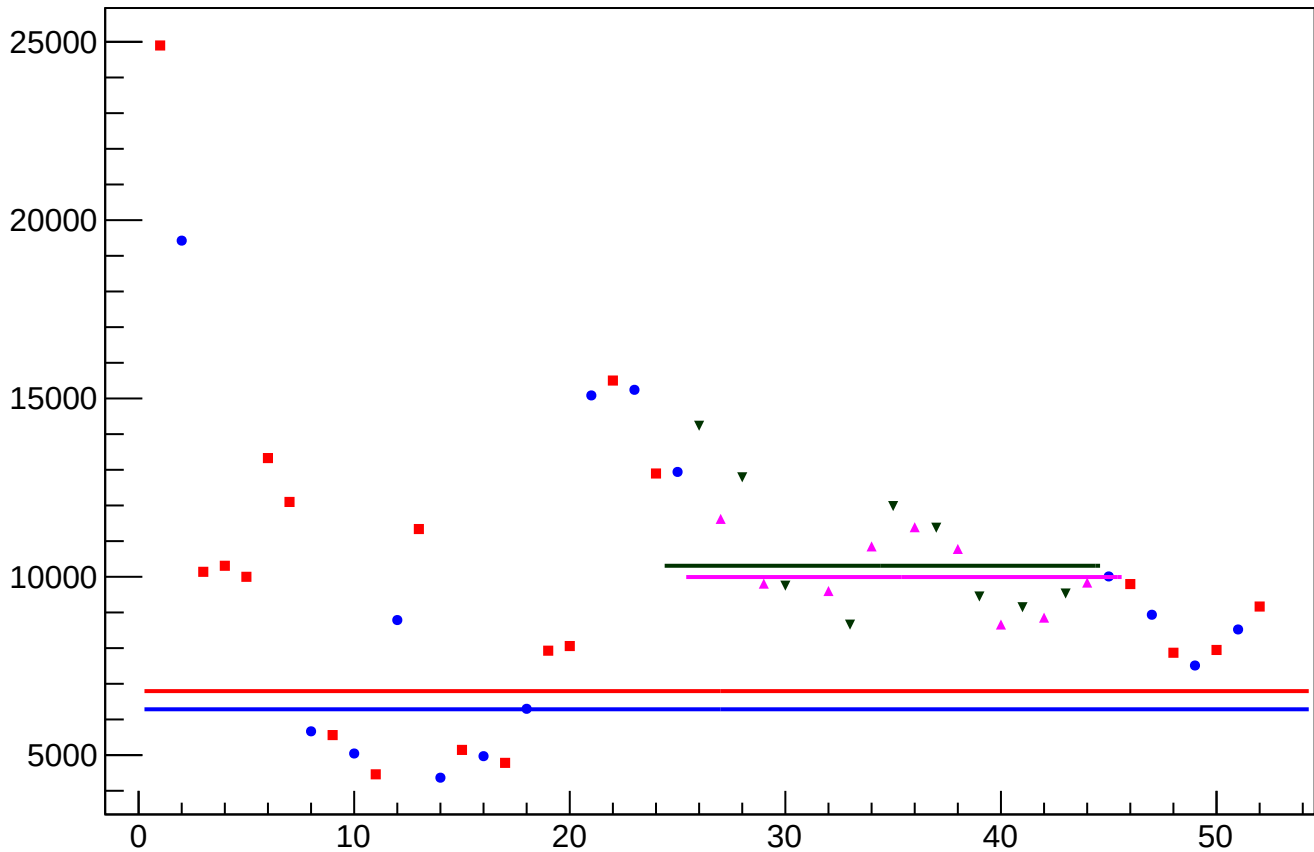
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

-2988.022+/-1469.188 χ^2/NDF : 76.1/50

Right Out: -8015.958+/-2458.912 χ^2/NDF : 19.3/18

Left In: 6722.901+/-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

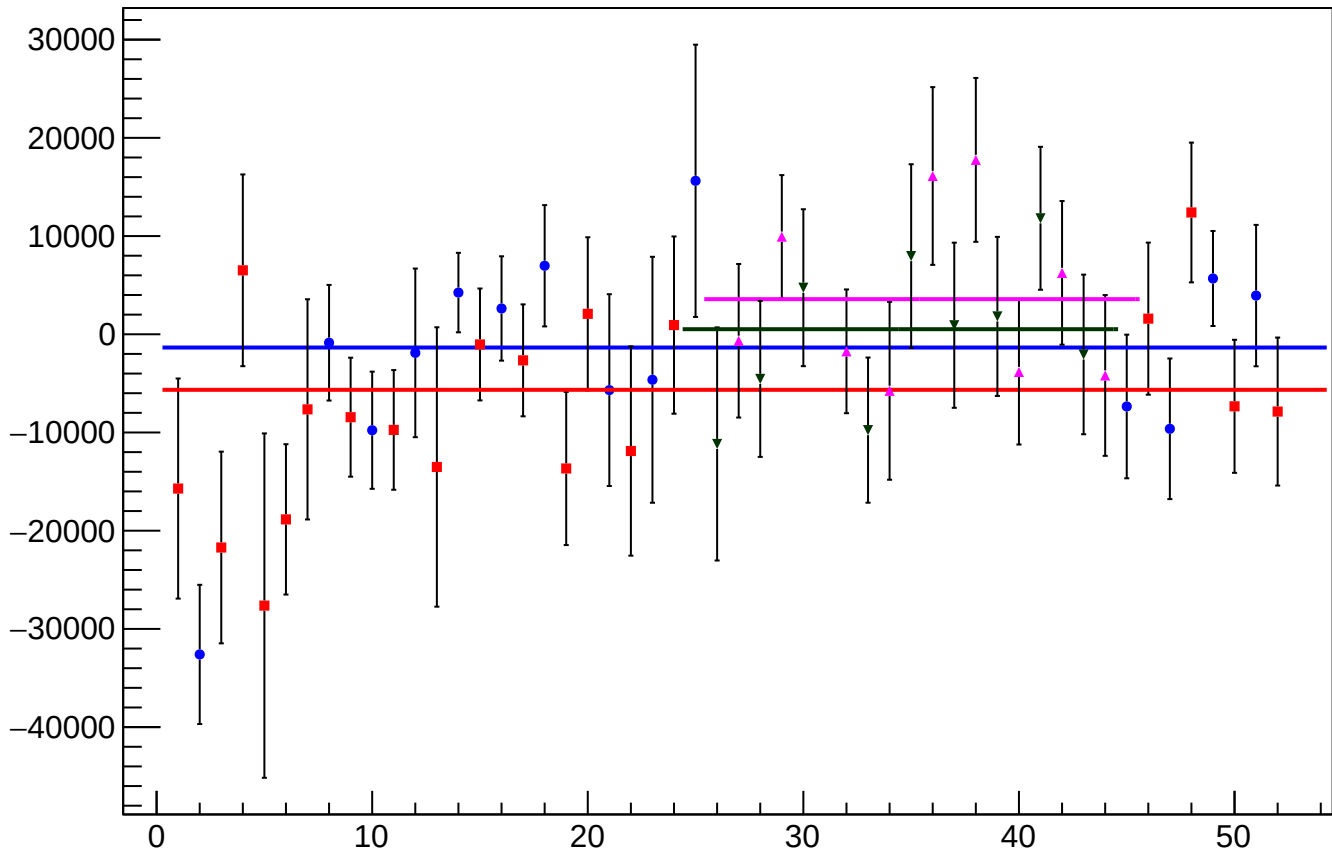
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

7298.594+/-1.039 χ^2/NDF : 8254865.0/50

Right Out: 6794.738+/-1.739 χ^2/NDF : 2944139.3/18

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -1349.216+/-1726.495 χ^2/NDF : 32.2/13

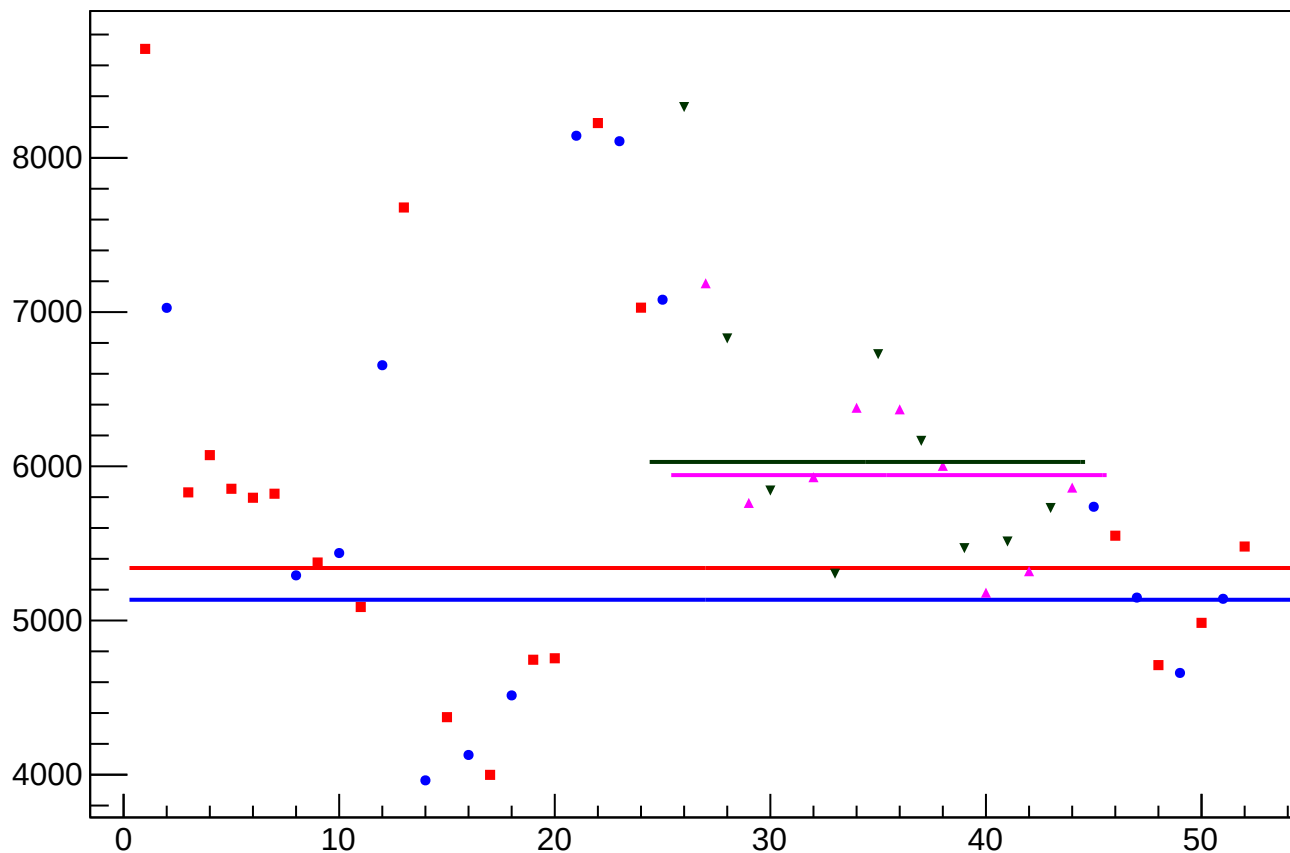
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

-1673.266+/-1035.379 χ^2/NDF : 80.7/50

Right Out: -5654.829+/-1802.420 χ^2/NDF : 21.9/18

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

asym_sam4_rms vs slug



Right In: 5134.521+/-1.221 χ^2 /NDF: 846489.2/13

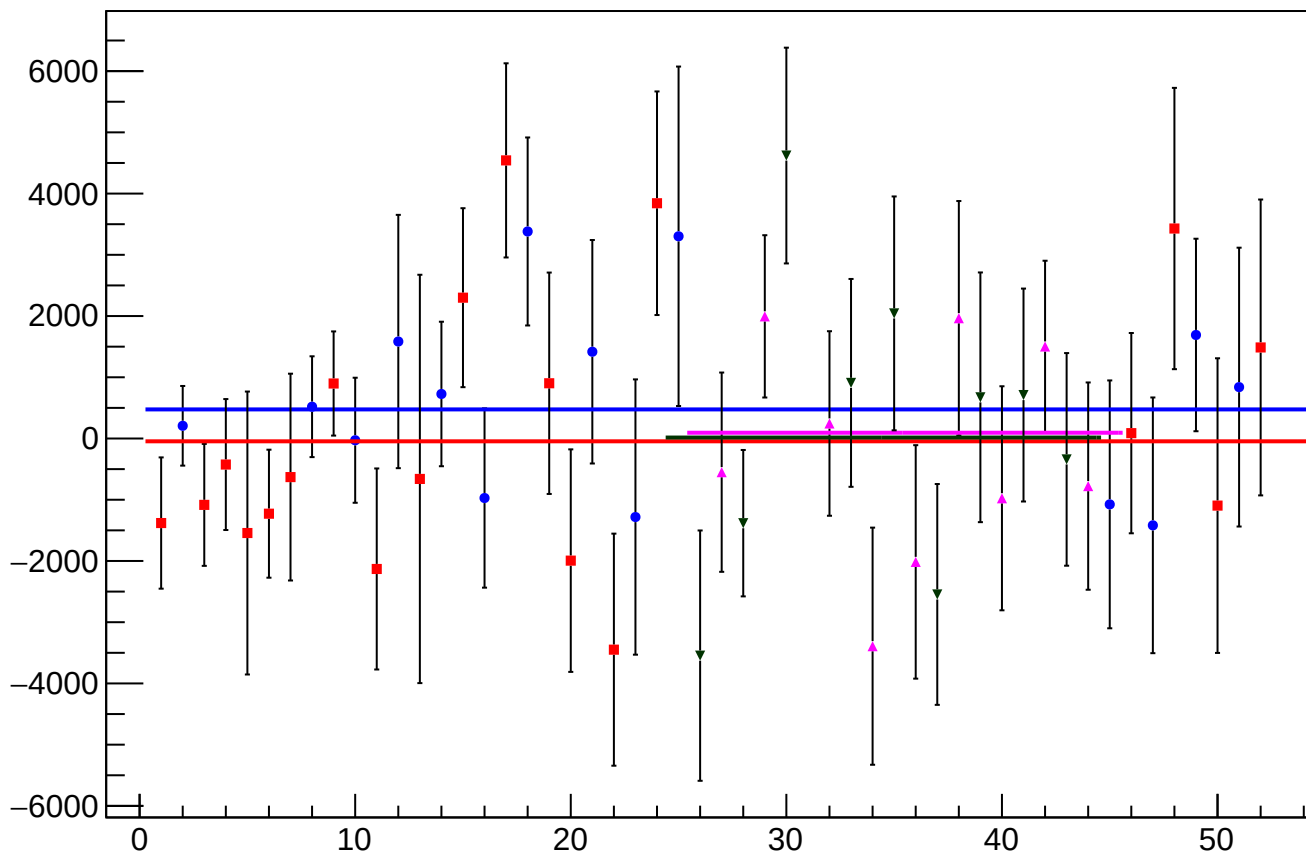
Left Out: 6028.268+/-1.948 χ^2 /NDF:149820.8/8

Right Out: 5340.472+/-1.275 χ^2 /NDF: 698311.6/18

Left In: 5942.882+/-1.780 χ^2 /NDF:97554.4/8

5465.442+/-0.732 χ^2 /NDF: 2030674.0/50

asym_sam5_mean vs slug



Right In: 475.162+/-346.264 χ^2/NDF : 9.3/13

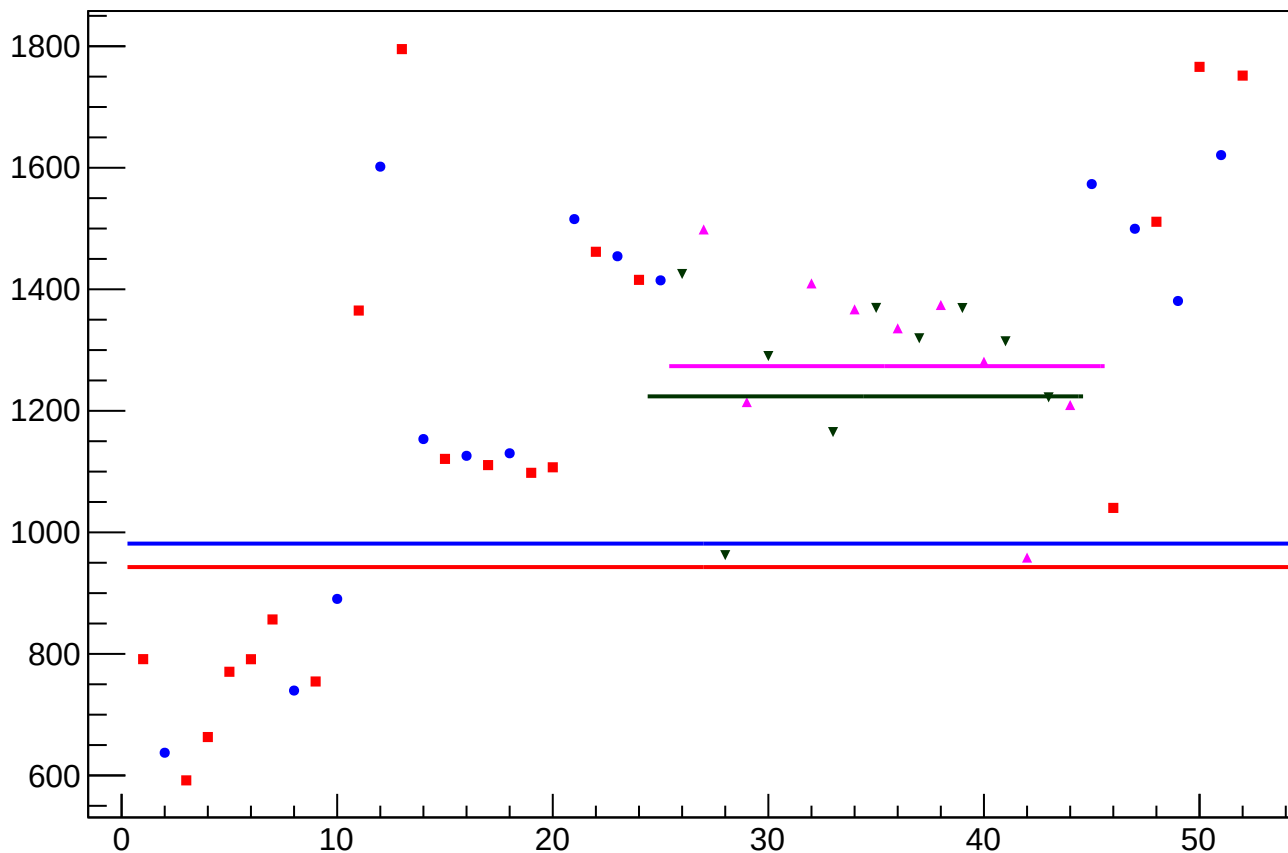
Left Out: 15.632+/-568.606 χ^2/NDF : 15.0/8

Right Out: -45.773+/-333.152 χ^2/NDF : 30.5/18

Left In: 94.301+/-545.541 χ^2/NDF : 9.3/8

164.508+/-204.966 χ^2/NDF : 65.3/50

asym_sam5_rms vs slug



Right In: 981.513+/-0.245 χ^2 /NDF: 1898393.8/13

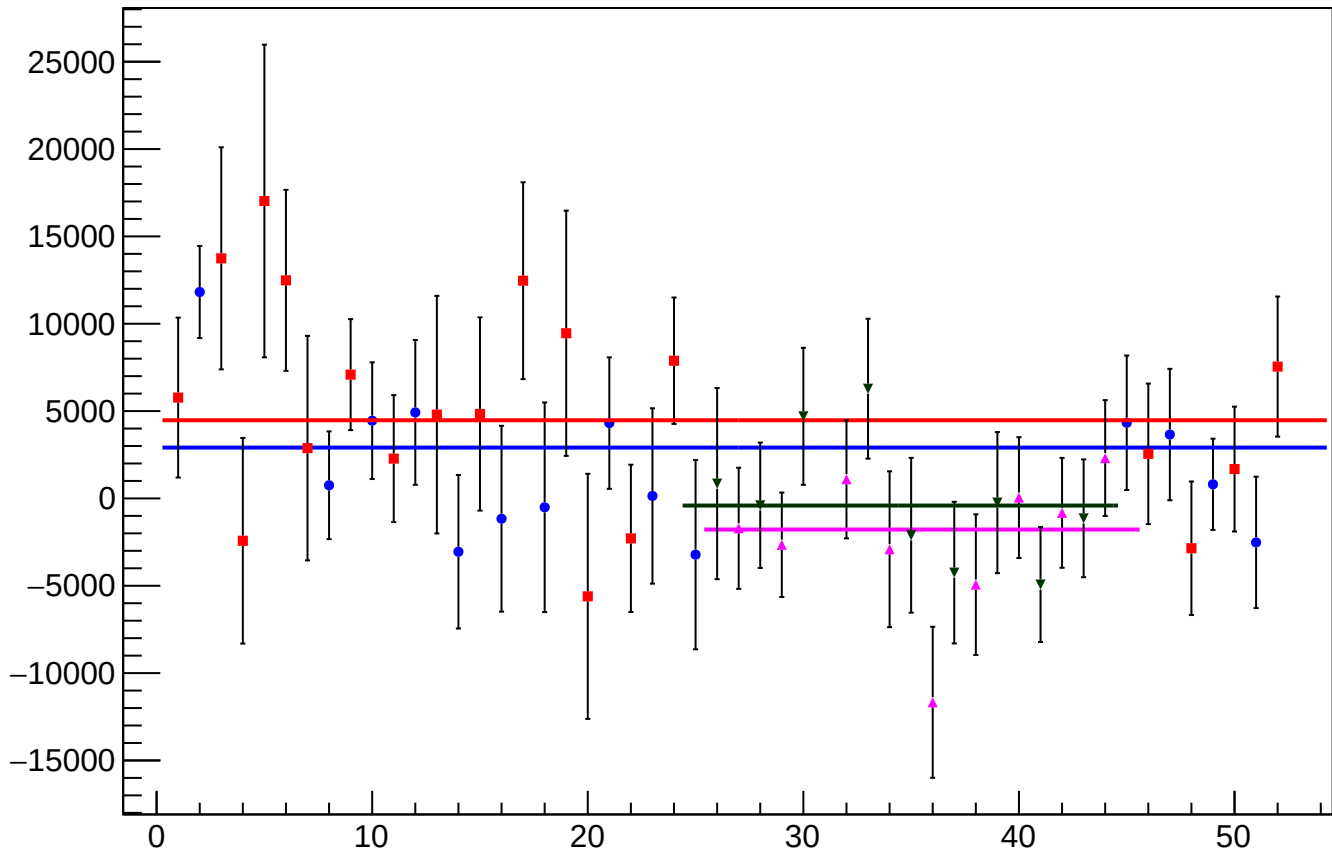
Left Out: 1223.816+/-0.402 χ^2 /NDF: 153031.9/8

Right Out: 942.878+/-0.236 χ^2 /NDF: 1799396.5/18

Left In: 1273.545+/-0.386 χ^2 /NDF: 174989.1/8

1039.597+/-0.145 χ^2 /NDF: 4828387.1/50

asym_sam6_mean vs slug



Right In: 2910.567 $\pm$ 994.157 χ^2/NDF : 19.7/13

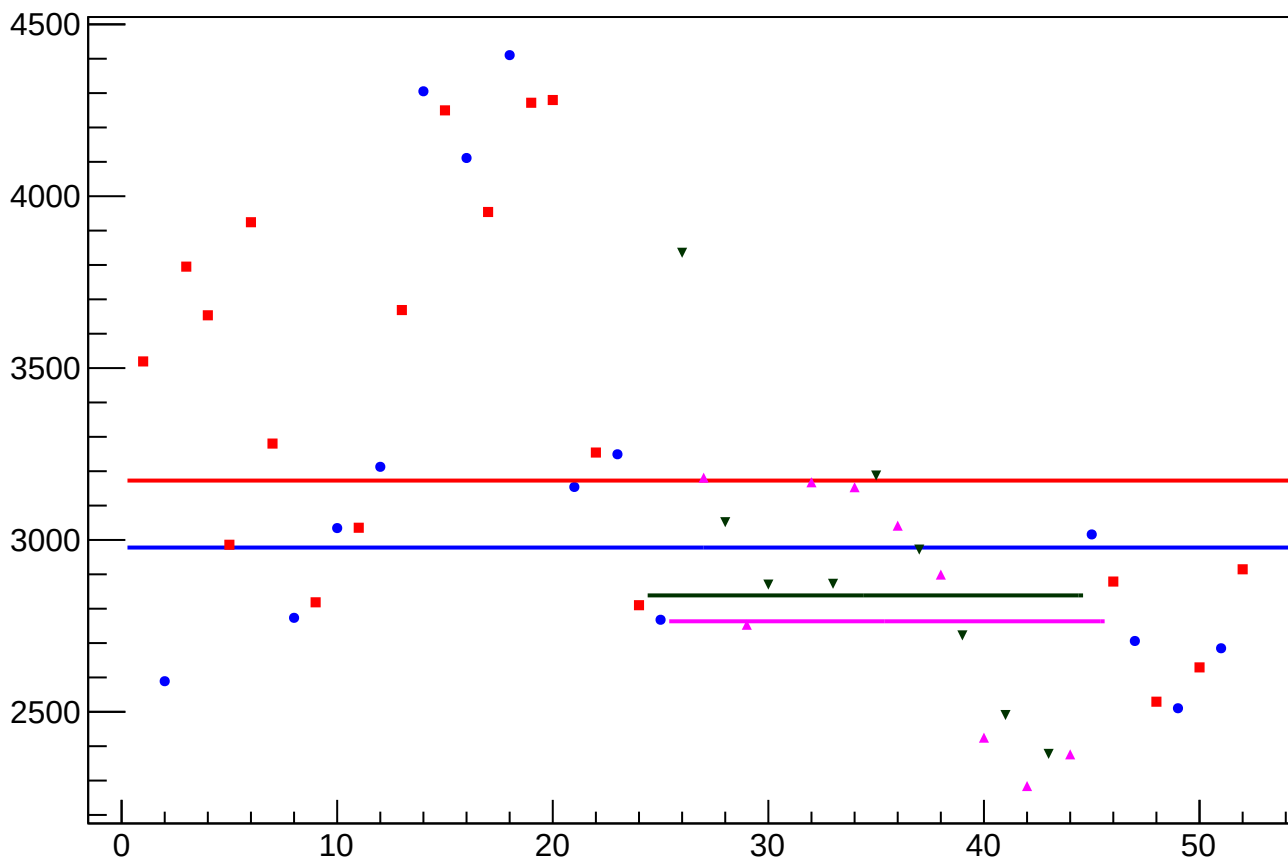
Left Out: -408.383 $\pm$ 1299.964 χ^2/NDF : 7.5/8

1668.791 $\pm$ 558.418 χ^2/NDF : 77.7/50

Right Out: 4474.378 $\pm$ 1066.056 χ^2/NDF : 22.2/18

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

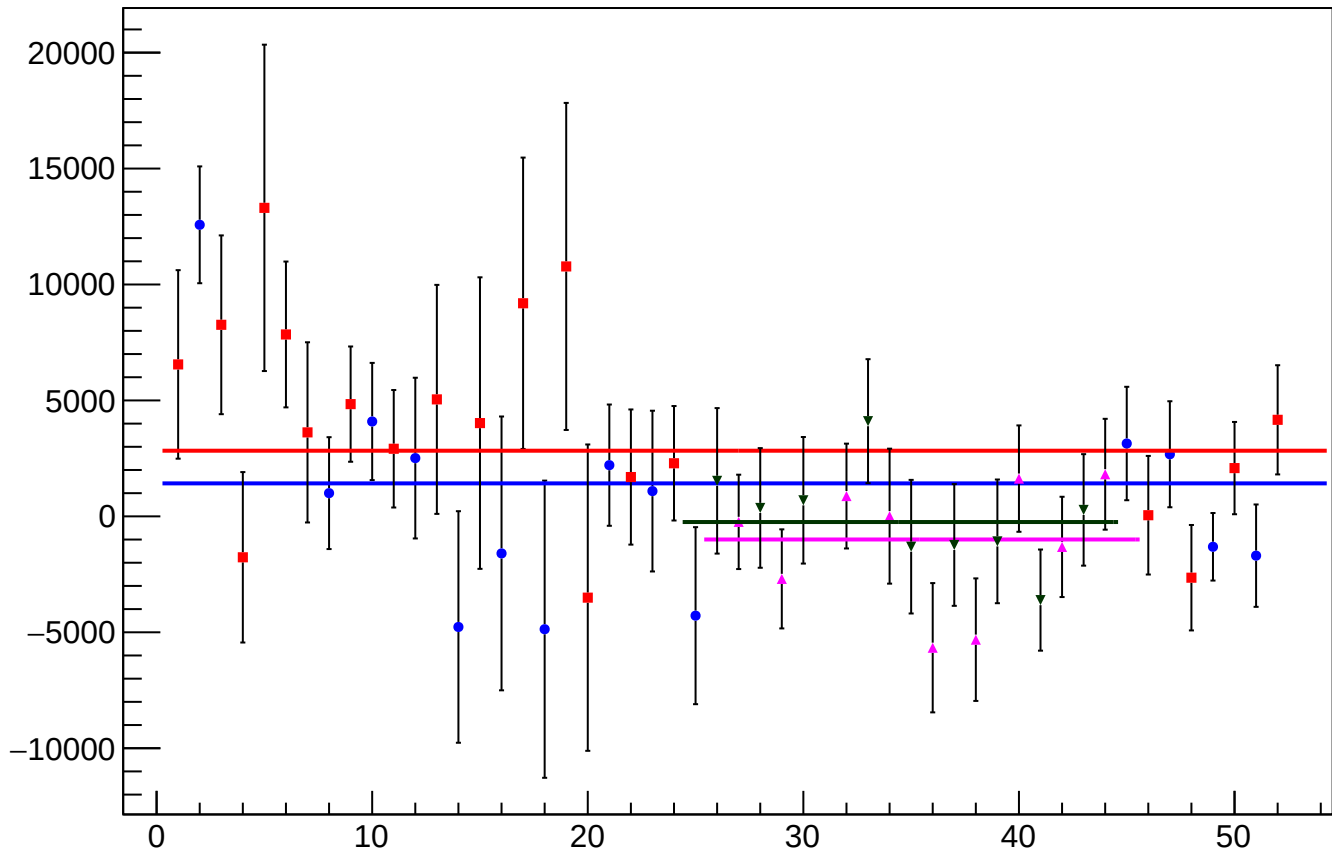
Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

Right Out: 3172.770+/-0.754 χ^2/NDF : 481679.7/18

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

2957.287+/-0.395 χ^2/NDF : 1508029.0/50

asym_sam7_mean vs slug



Right In: 1422.522+/-707.924 χ^2/NDF : 32.3/13

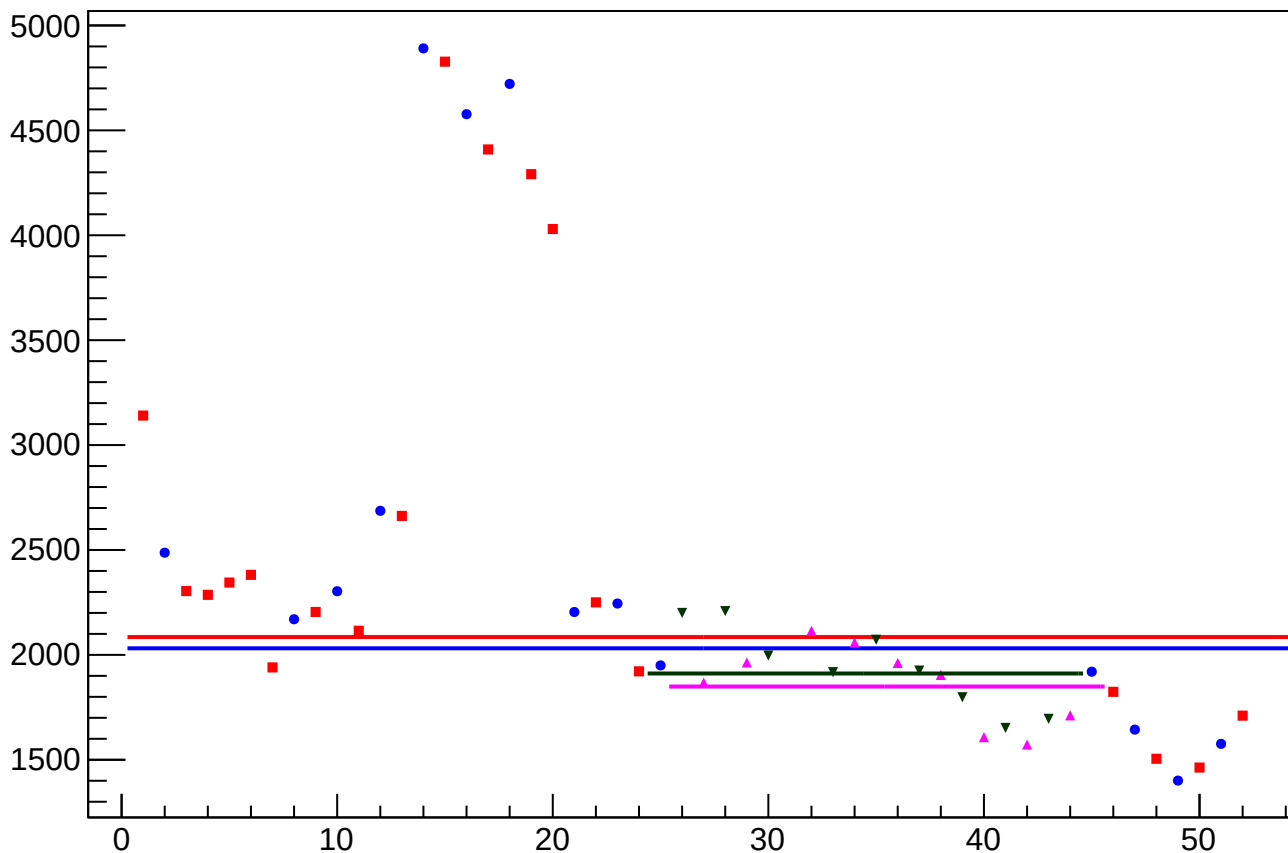
Left Out: -244.491+/-871.961 χ^2/NDF : 5.9/8

918.758+/-382.407 χ^2/NDF : 84.1/50

Right Out: 2831.124+/-724.975 χ^2/NDF : 20.9/18

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

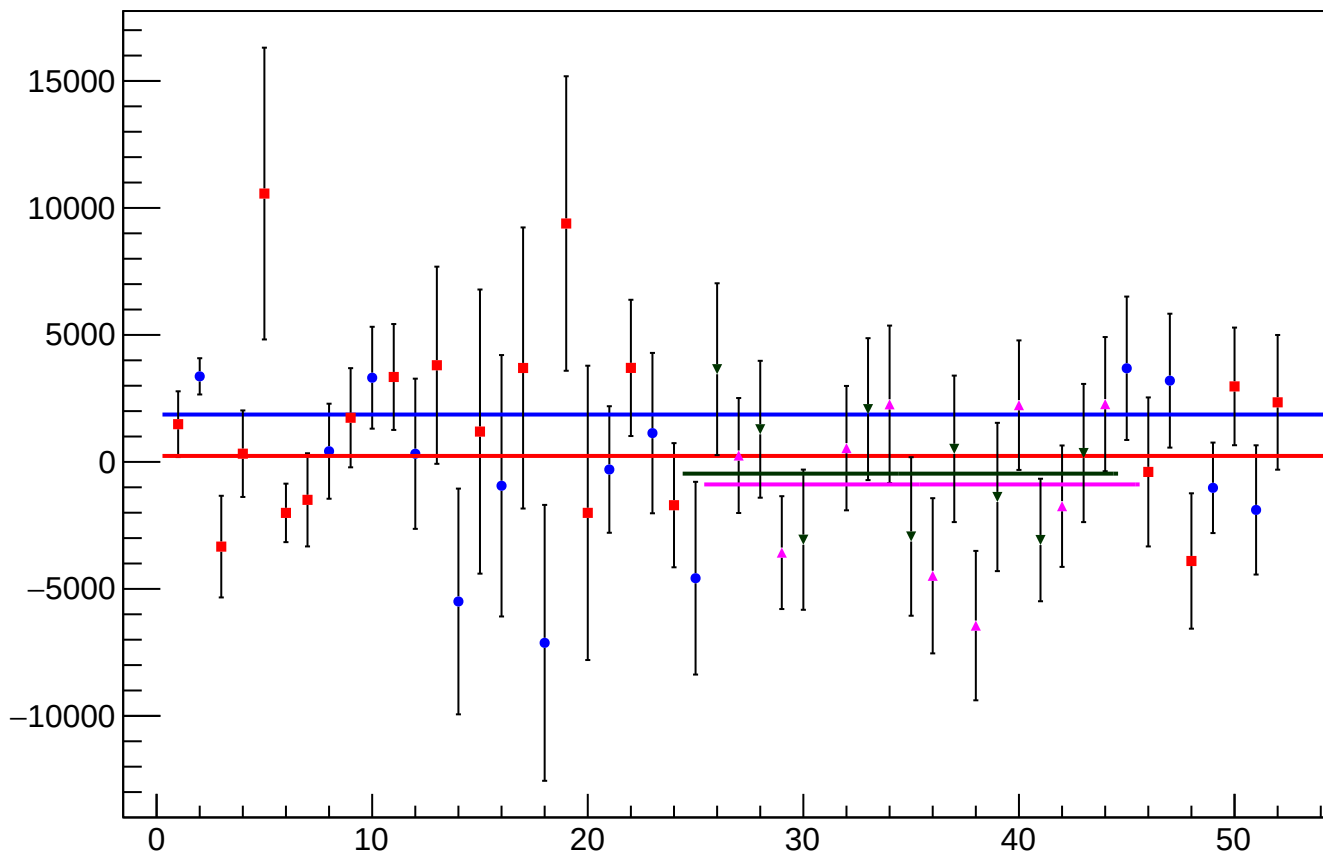
Left Out: 1911.248+/-0.617 χ^2 /NDF:99791.7/8

Right Out: 2084.925+/-0.513 χ^2 /NDF: 1638395.5/18

Left In: 1849.101+/-0.555 χ^2 /NDF:109499.9/8

1979.843+/-0.270 χ^2 /NDF: 4053467.6/50

asym_sam8_mean vs slug



Right In: 1865.433 $\pm$ 512.789 χ^2 /NDF: 20.8/13

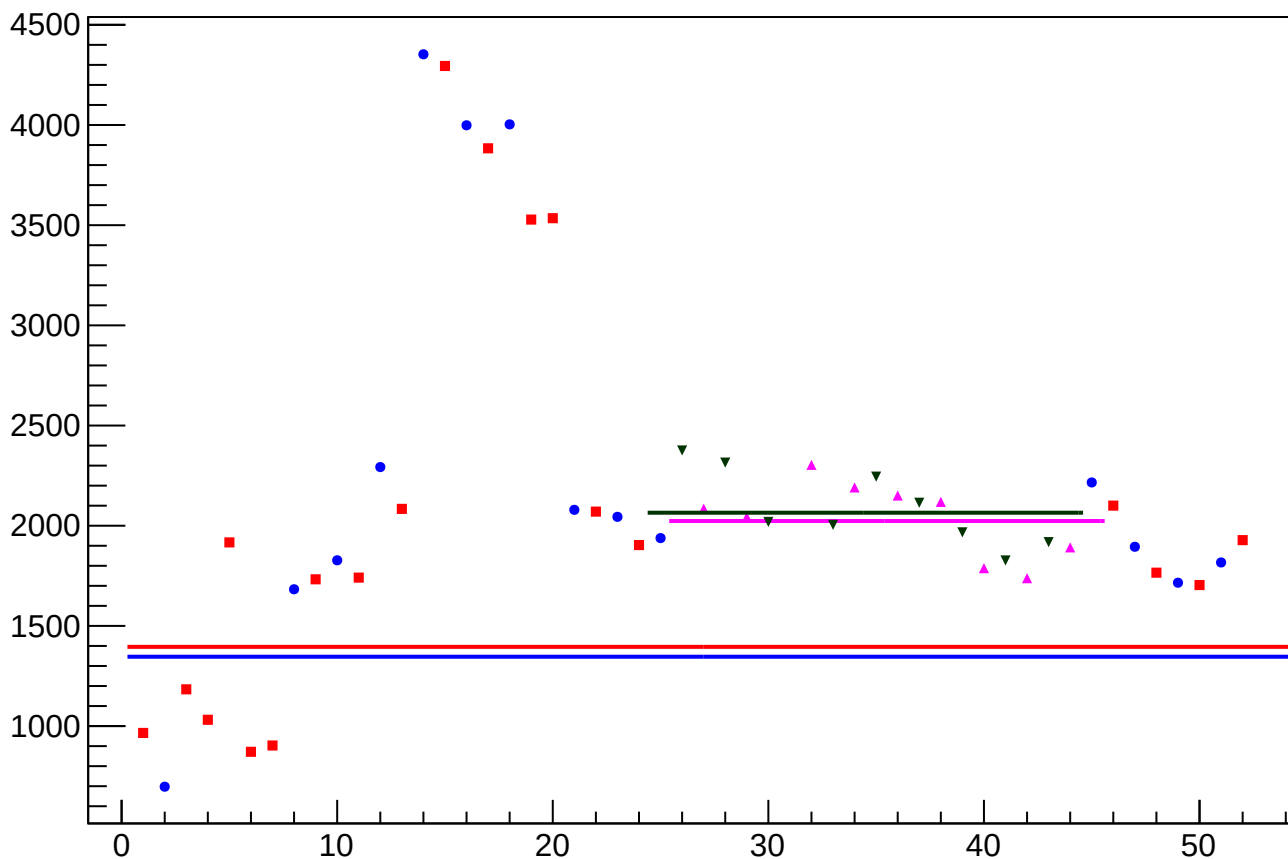
Left Out: -461.681 $\pm$ 939.996 χ^2 /NDF: 5.7/8

Right Out: 235.307 $\pm$ 509.803 χ^2 /NDF: 25.5/18

Left In: -886.546 $\pm$ 856.447 χ^2 /NDF: 11.1/8

617.840 $\pm$ 313.949 χ^2 /NDF: 74.0/50

asym_sam8_rms vs slug



Right In: 1346.172+/-0.363 χ^2 /NDF: 4712021.0/13

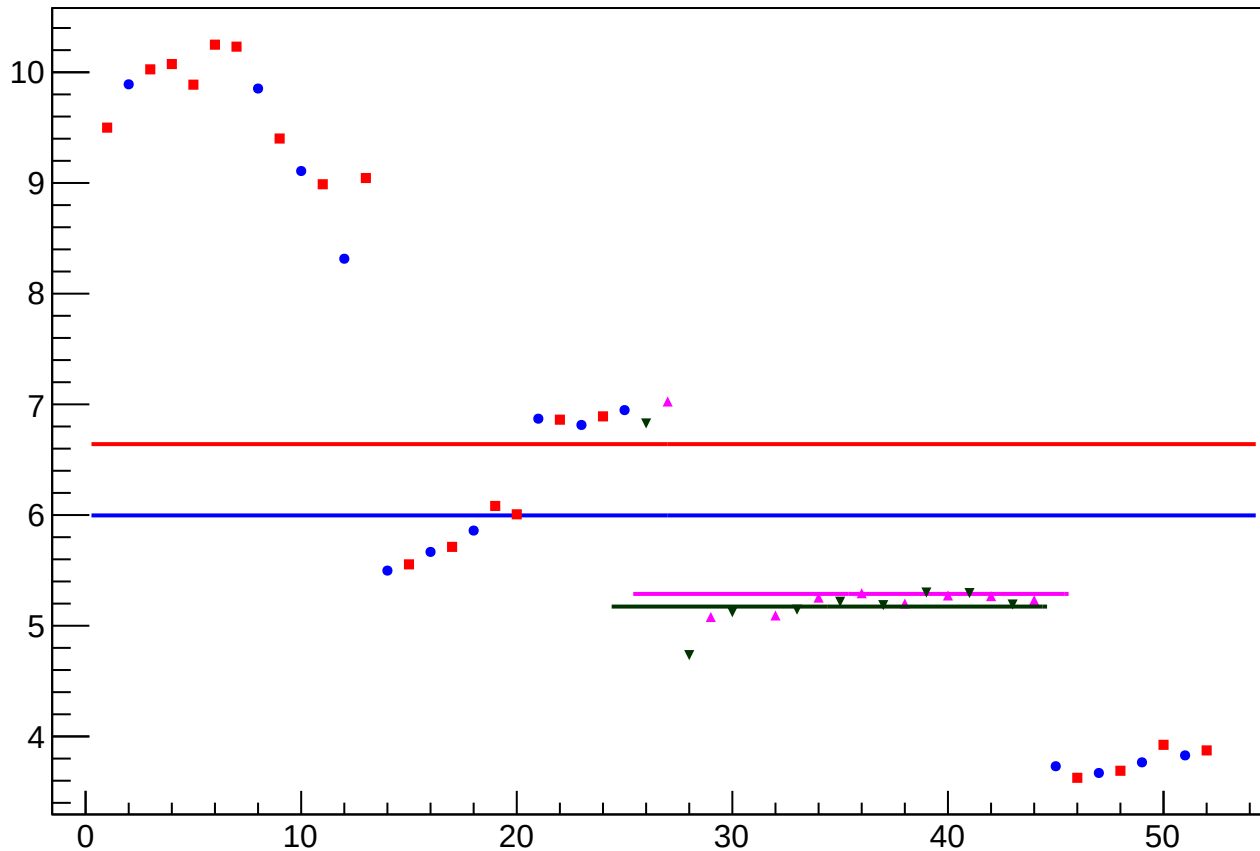
Left Out: 2064.944+/-0.665 χ^2 /NDF:70444.9/8

Right Out: 1395.530+/-0.360 χ^2 /NDF: 3053999.5/18

Left In: 2023.521+/-0.606 χ^2 /NDF:89774.9/8

1536.088+/-0.222 χ^2 /NDF: 9633501.5/50

yield_sam1_mean vs slug



Right In: 5.997 $\pm$ 0.000 χ^2 /NDF: 145124112129.2/13

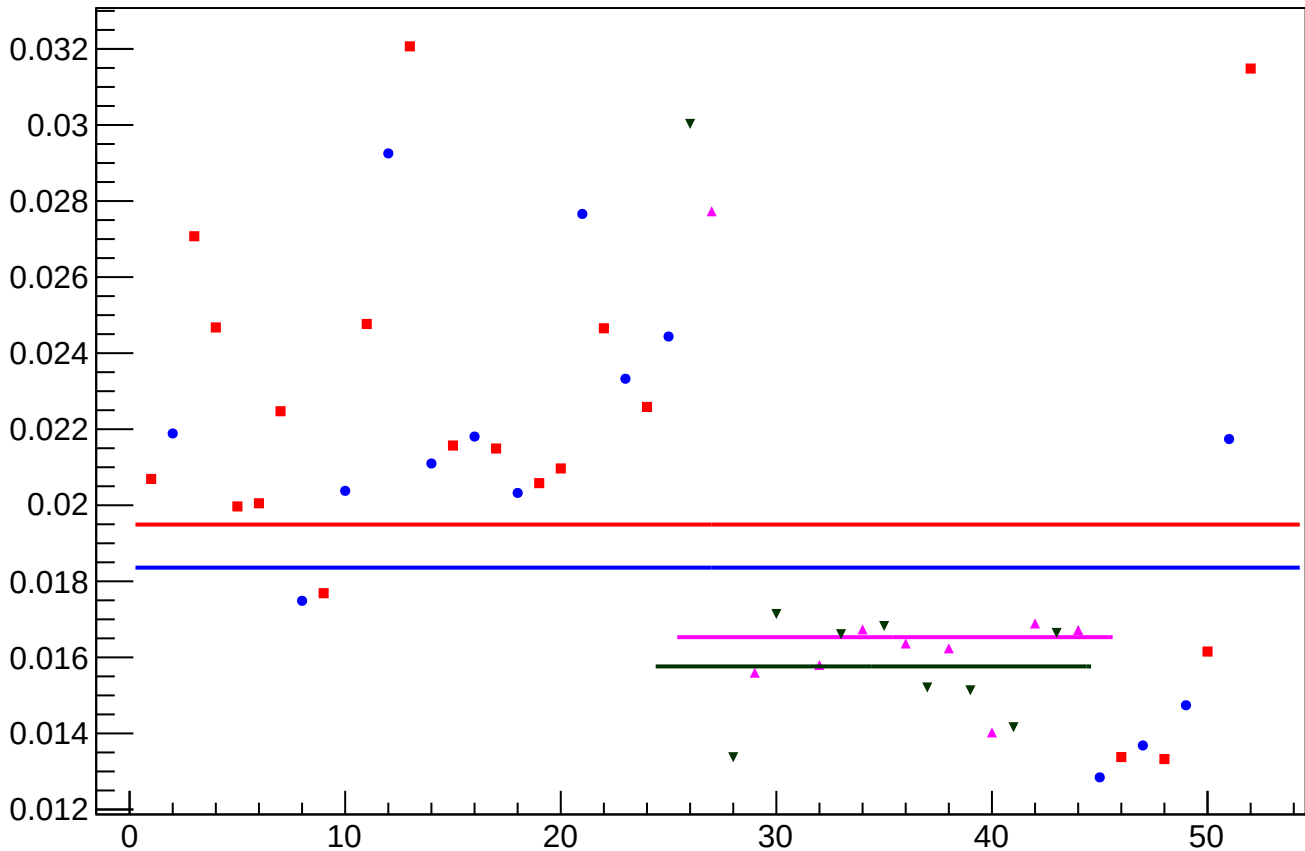
Left Out: 5.173 $\pm$ 0.000 χ^2 /NDF: 2171910592.0/8

Right Out: 6.641 $\pm$ 0.000 χ^2 /NDF: 137749090792.1/18

Left In: 5.287 $\pm$ 0.000 χ^2 /NDF: 3281290033.8/8

5.820 $\pm$ 0.000 χ^2 /NDF: 316275826139.9/50

yield_sam1_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 962578.1/13

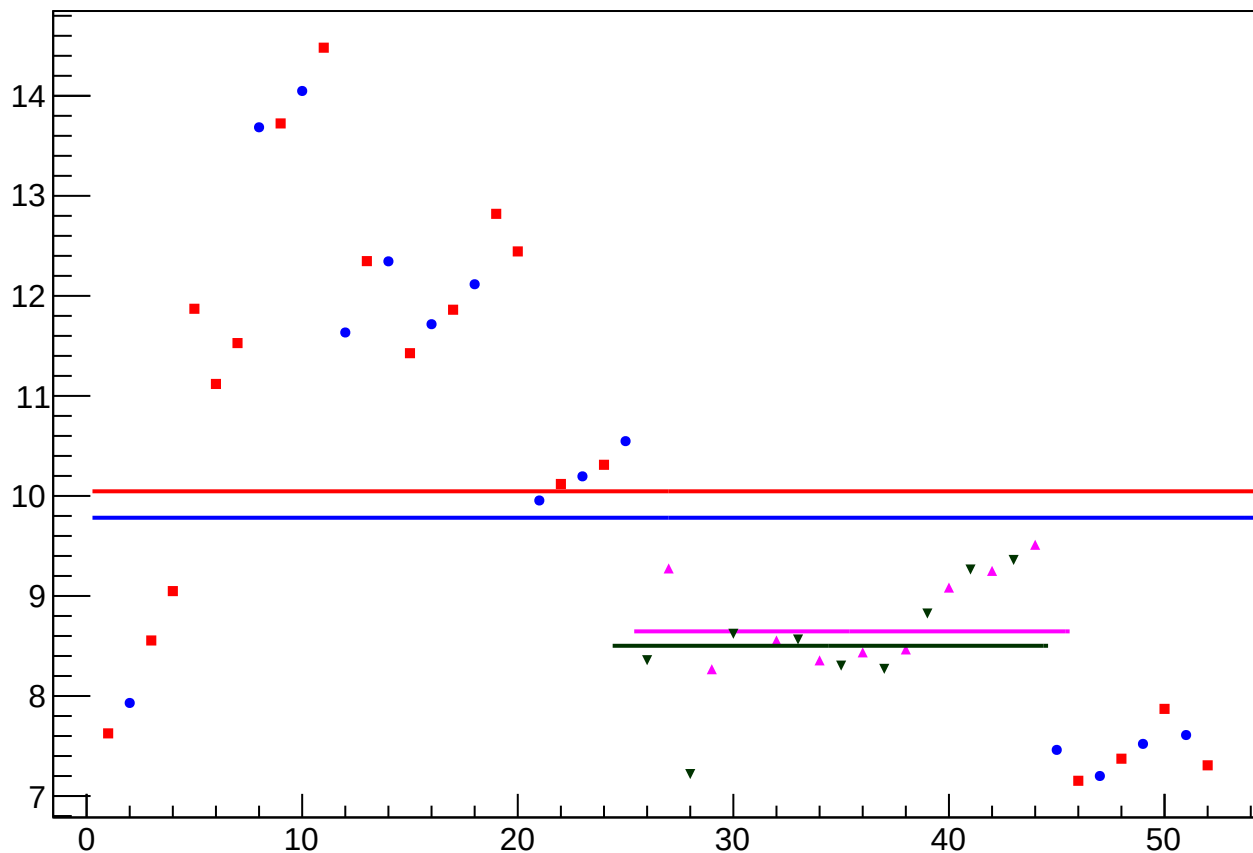
Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

0.018+/-0.000 χ^2/NDF : 2786013.3/50

Right Out: 0.019+/-0.000 χ^2/NDF : 904261.0/18

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

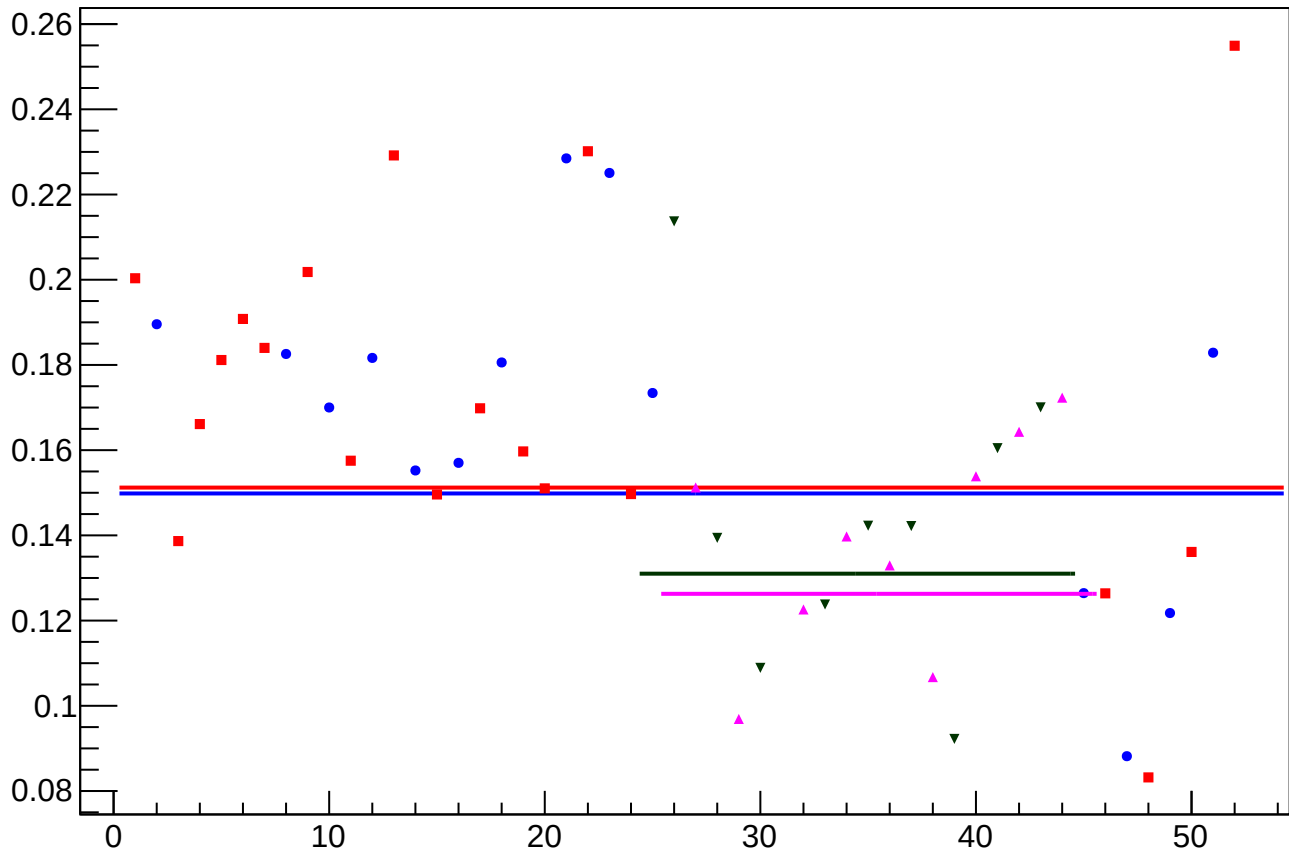
Left Out: 8.502 $\pm$ 0.000 χ^2 /NDF: 87030324.5/8

Right Out: 10.046 $\pm$ 0.000 χ^2 /NDF: 2124560262.7/18

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53831868.3/8

9.320 $\pm$ 0.000 χ^2 /NDF: 5214574000.7/50

yield_sam2_rms vs slug



Right In: 0.150+/-0.000 χ^2/NDF : 1078362.9/13

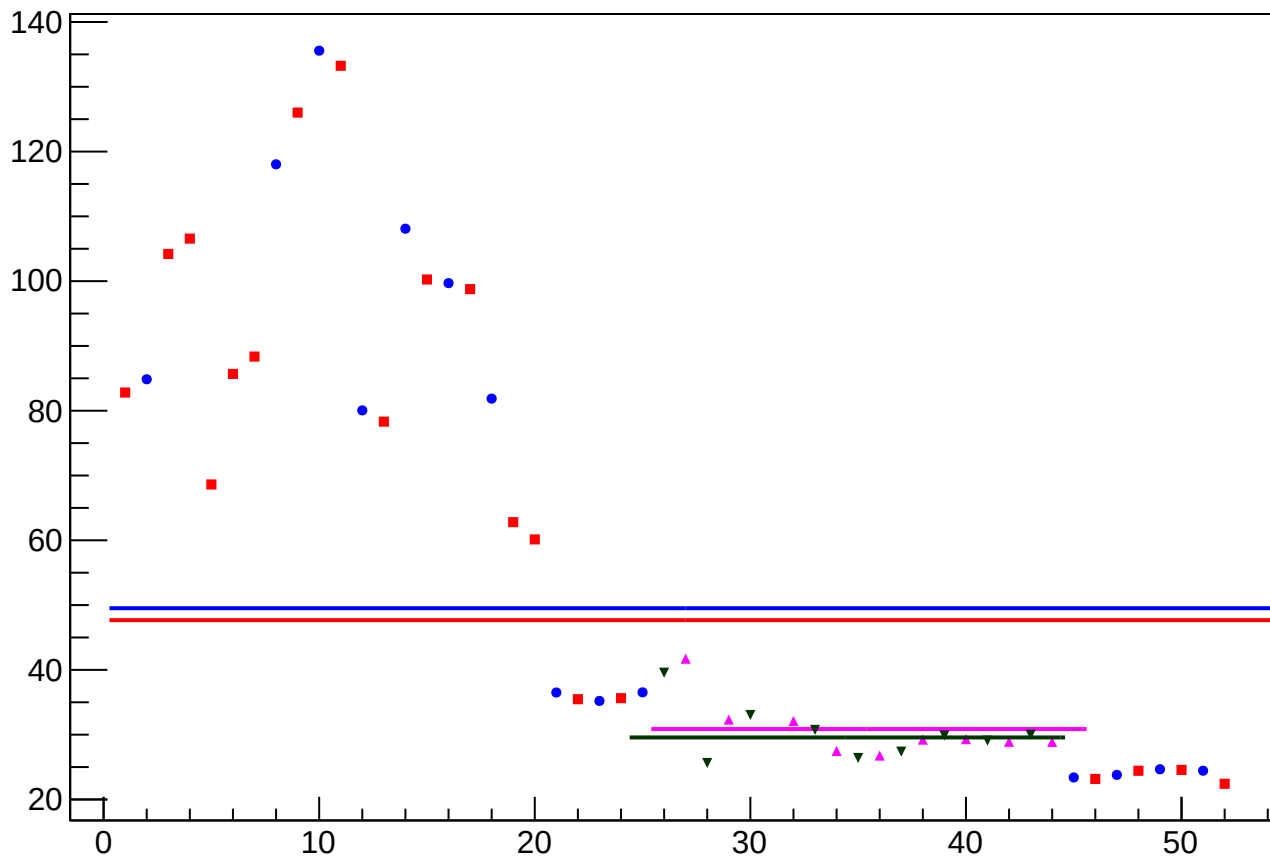
Left Out: 0.131+/-0.000 χ^2/NDF : 439839.4/8

Right Out: 0.151+/-0.000 χ^2/NDF : 1214966.6/18

Left In: 0.126+/-0.000 χ^2/NDF : 385330.3/8

0.141+/-0.000 χ^2/NDF : 3437494.9/50

yield_sam3_mean vs slug



Right In: 49.516+/-0.000 χ^2/NDF : 21160613385.4/13

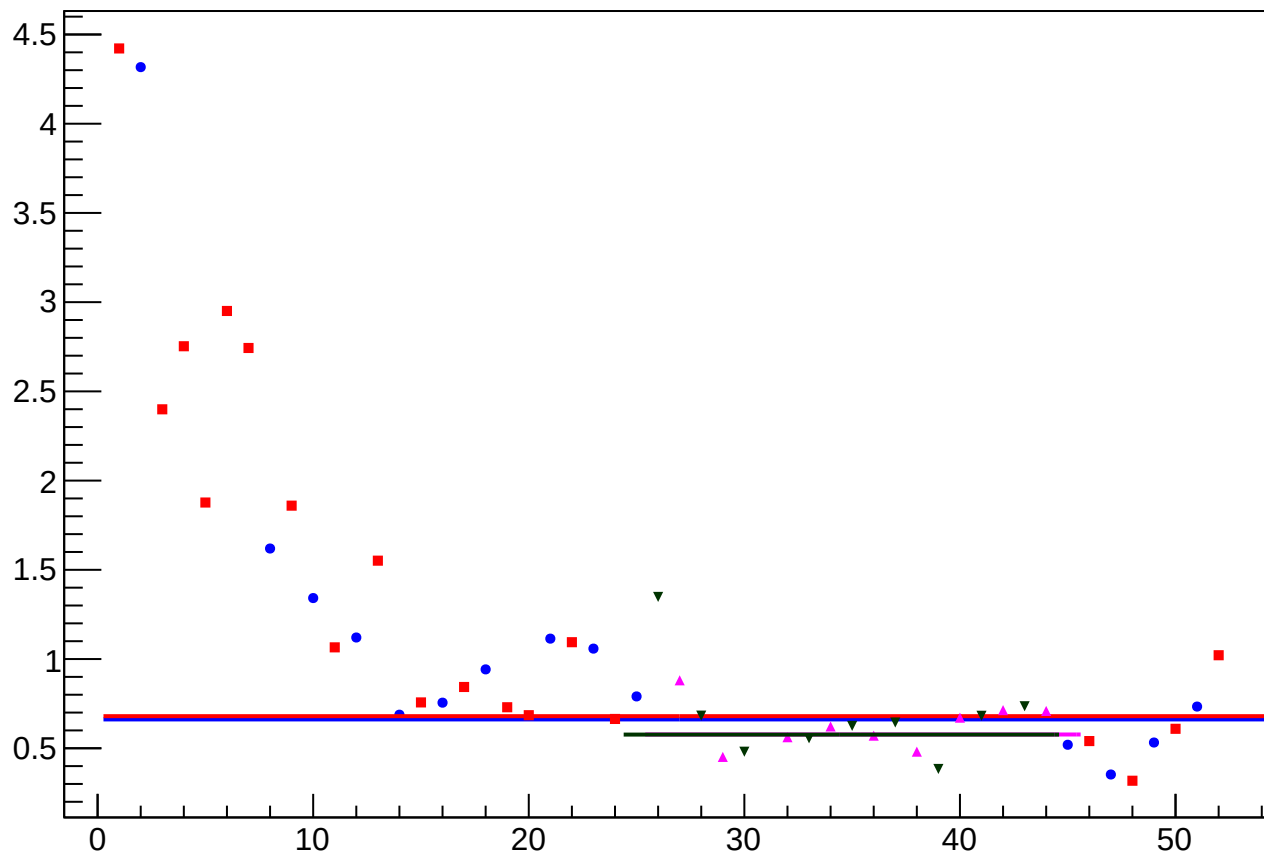
Left Out: 29.571+/-0.000 χ^2/NDF :93290313.8/8

Right Out: 47.678+/-0.000 χ^2/NDF : 15422591134.7/18

Left In: 30.869+/-0.000 χ^2/NDF :179537266.9/8

39.617+/-0.000 χ^2/NDF : 41652675720.0/50

yield_sam3_rms vs slug



Right In: 0.662 $\pm$ 0.000 χ^2 /NDF: 3816502.2/13

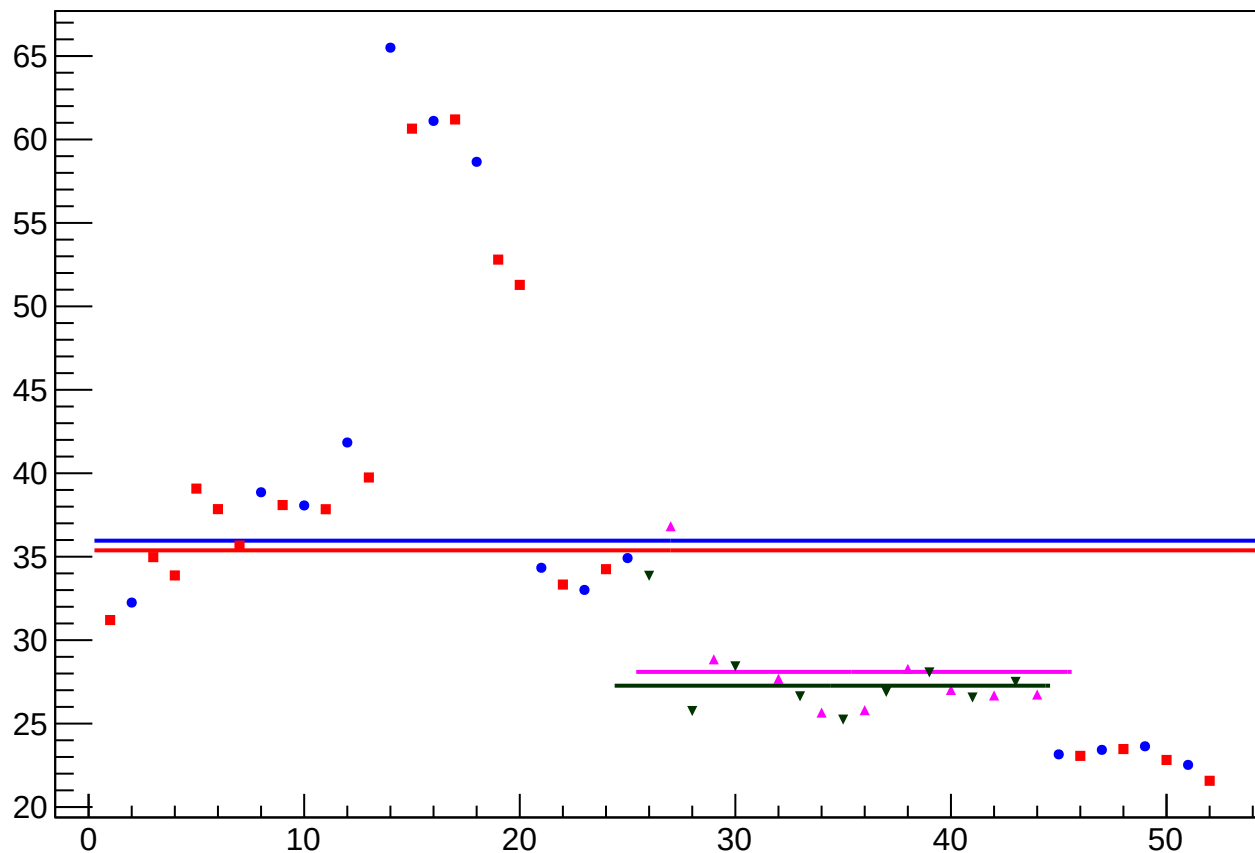
Left Out: 0.577 $\pm$ 0.000 χ^2 /NDF: 676625.4/8

Right Out: 0.680 $\pm$ 0.000 χ^2 /NDF: 4888263.3/18

Left In: 0.577 $\pm$ 0.000 χ^2 /NDF: 428935.9/8

0.624 $\pm$ 0.000 χ^2 /NDF: 10058936.0/50

yield_sam4_mean vs slug



Right In: 35.960+/-0.000 χ^2/NDF : 14277324582.7/13

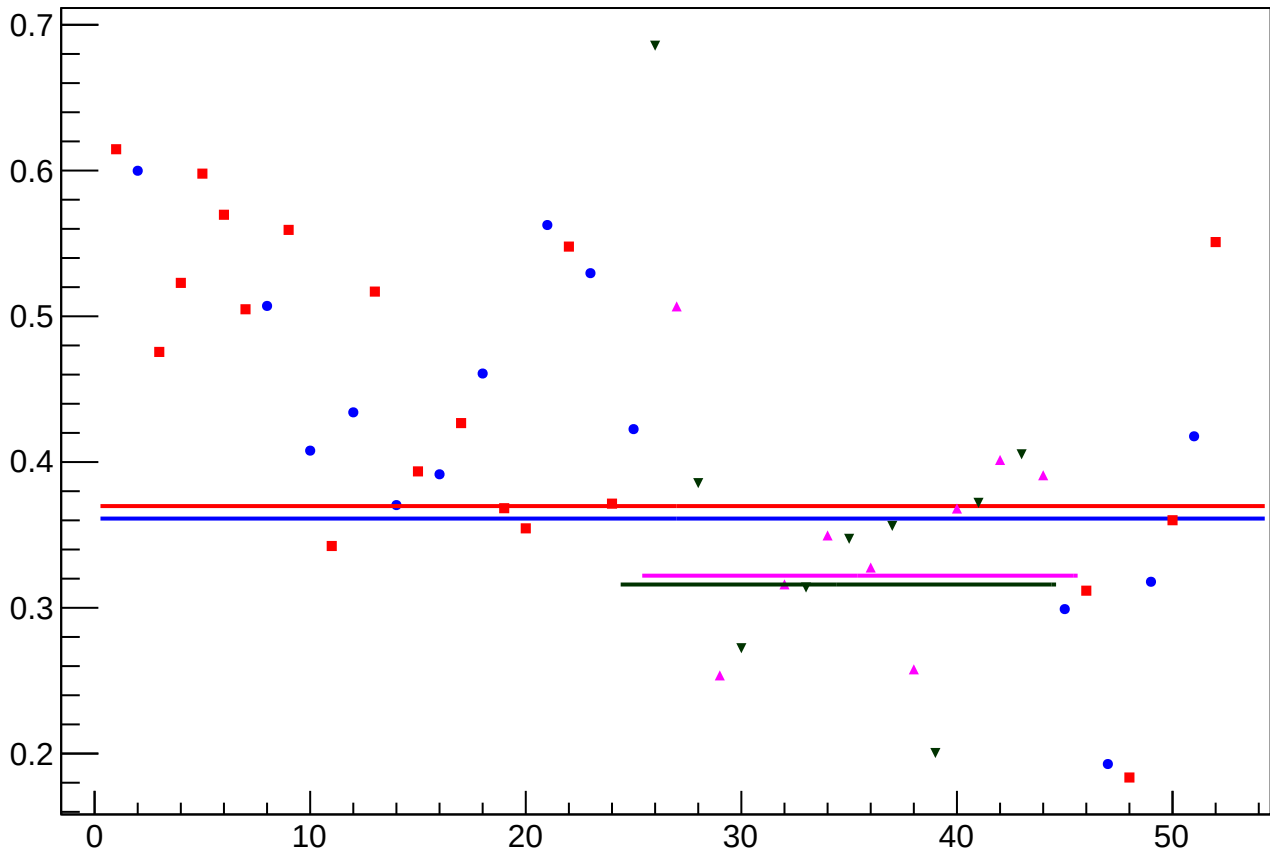
Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

Right Out: 35.381+/-0.000 χ^2/NDF : 9035056284.2/18

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

32.172+/-0.000 χ^2/NDF : 26965974465.4/50

yield_sam4_rms vs slug



Right In: 0.361+/-0.000 χ^2/NDF : 1580667.6/13

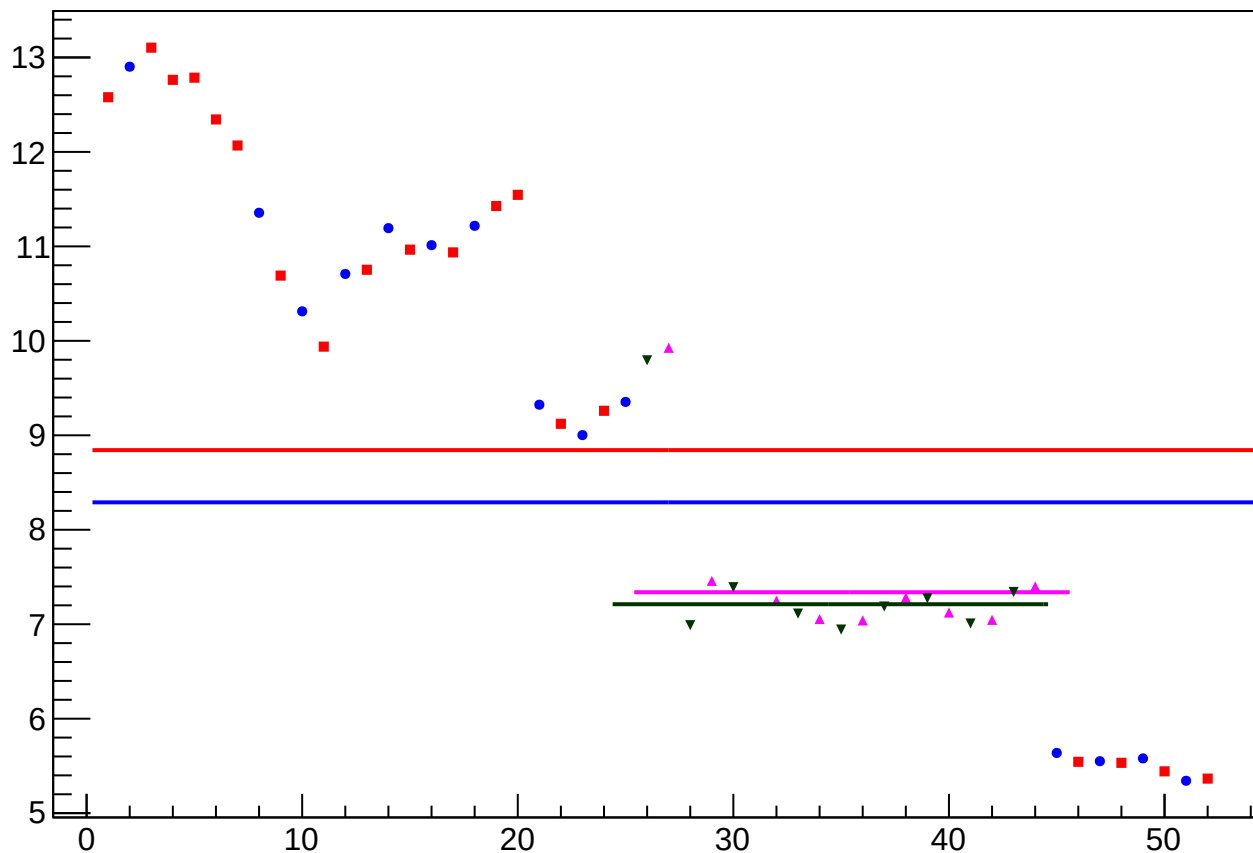
Left Out: 0.316+/-0.000 χ^2/NDF : 714939.2/8

0.345+/-0.000 χ^2/NDF : 4788152.2/50

Right Out: 0.370+/-0.000 χ^2/NDF : 1807799.6/18

Left In: 0.322+/-0.000 χ^2/NDF : 461584.6/8

yield_sam5_mean vs slug



Right In: 8.290 +/- 0.000 χ^2/NDF : 100418665685.1/13

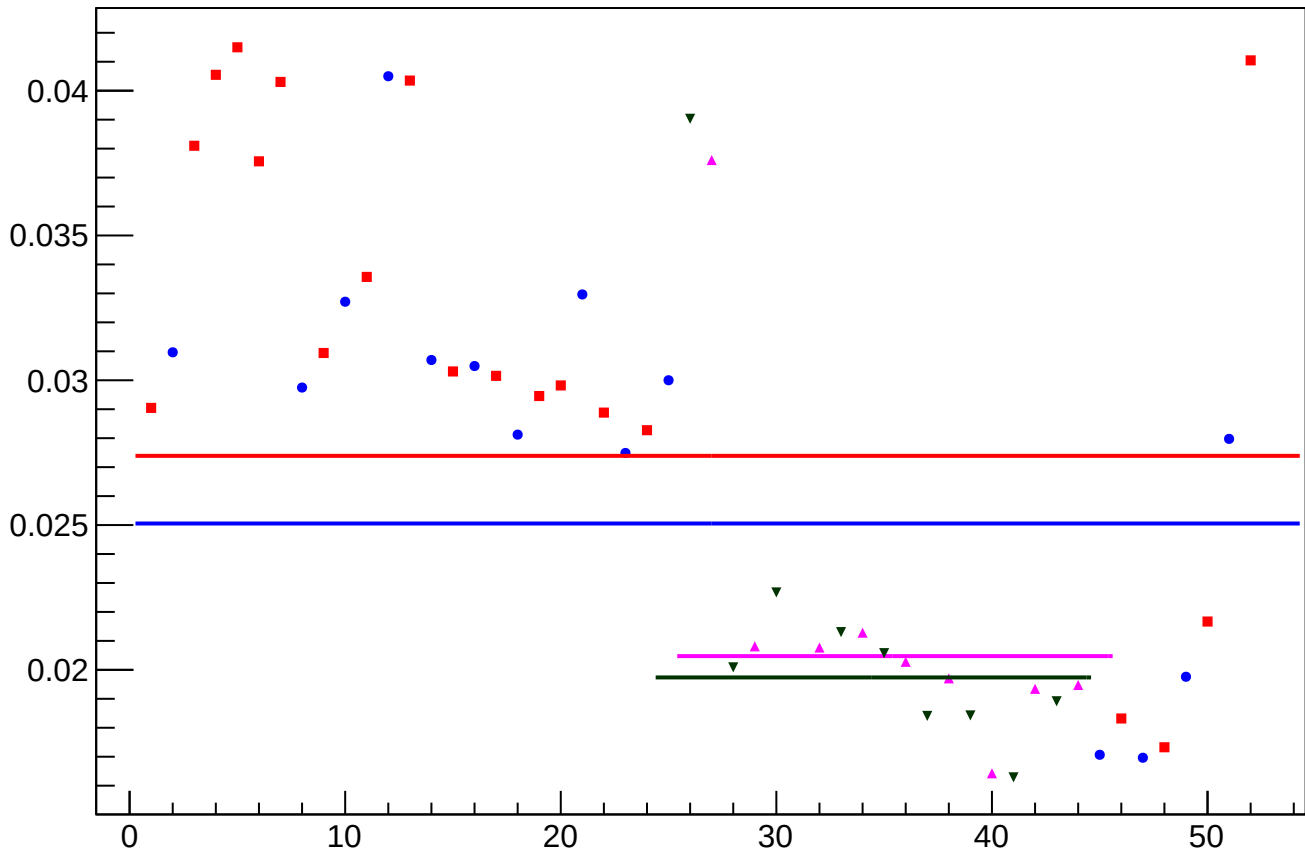
Left Out: 7.212 +/- 0.000 χ^2/NDF : 2423843108.1/8

Right Out: 8.843 +/- 0.000 χ^2/NDF : 84357256882.2/18

Left In: 7.339 +/- 0.000 χ^2/NDF : 4002198010.6/8

7.907 +/- 0.000 χ^2/NDF : 211942426235.0/50

yield_sam5_rms vs slug



Right In: 0.025 $\pm$ 0.000 χ^2/NDF : 1169166.3/13

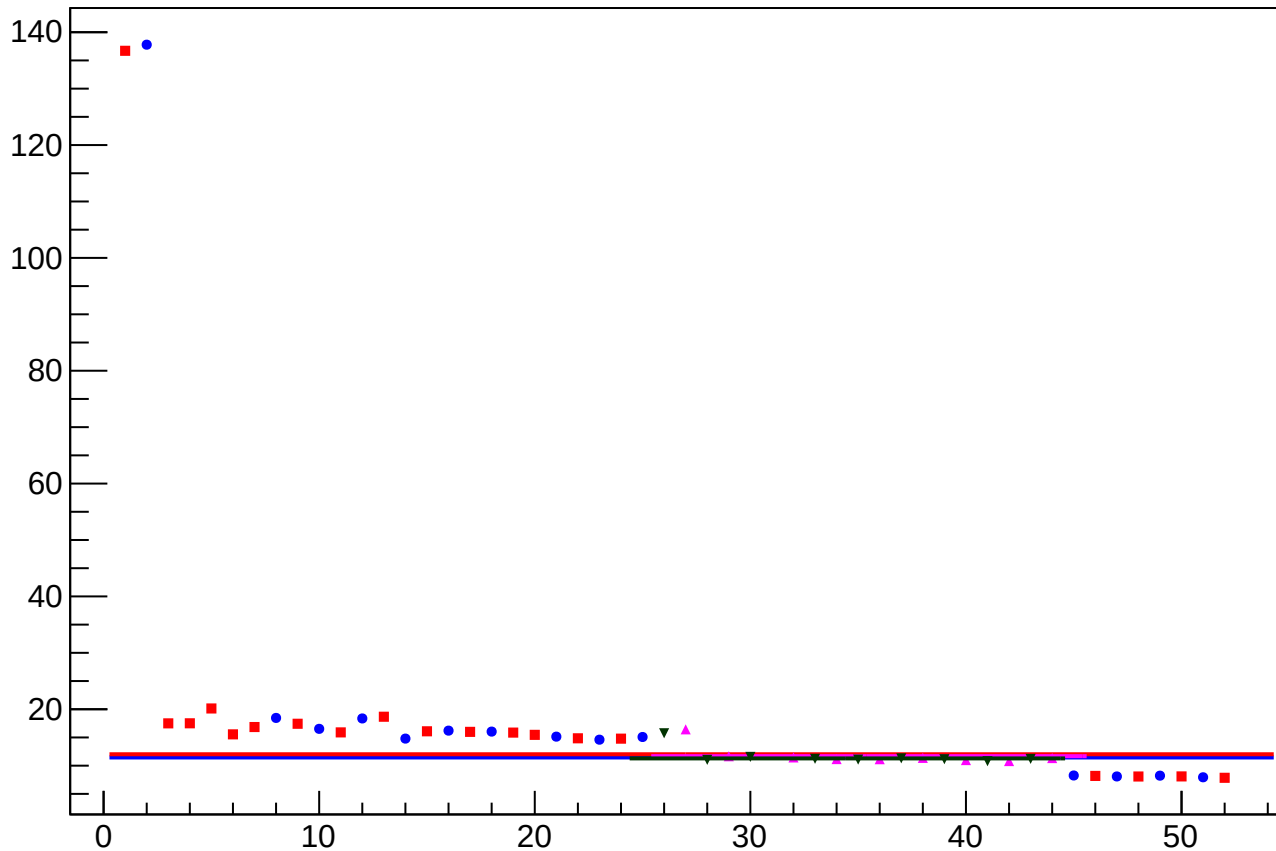
Left Out: 0.020 $\pm$ 0.000 χ^2/NDF : 320666.8/8

0.023 $\pm$ 0.000 χ^2/NDF : 3917191.7/50

Right Out: 0.027 $\pm$ 0.000 χ^2/NDF : 1127607.7/18

Left In: 0.020 $\pm$ 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

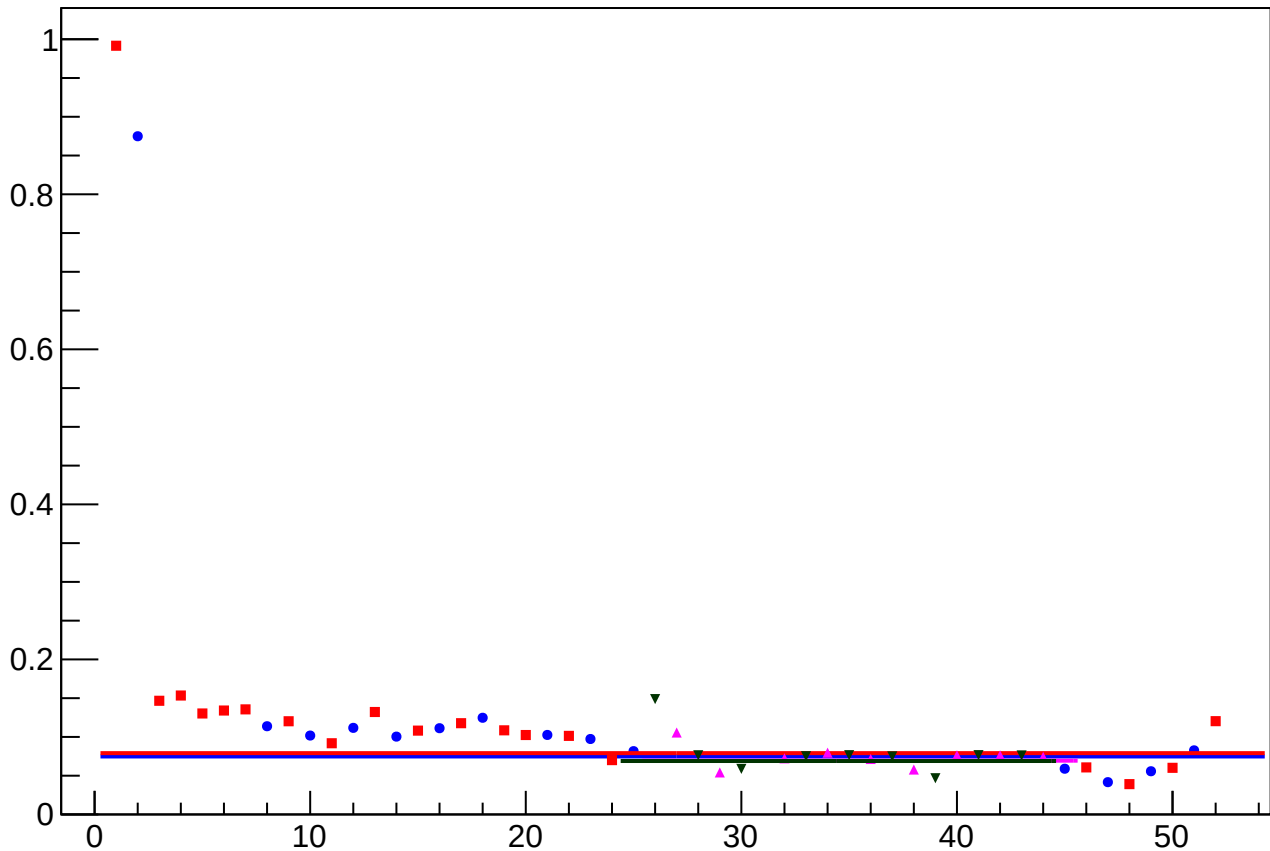
Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

11.620+/-0.000 χ^2/NDF : 67491640121.4/50

Right Out: 12.023+/-0.000 χ^2/NDF : 25662466139.0/18

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

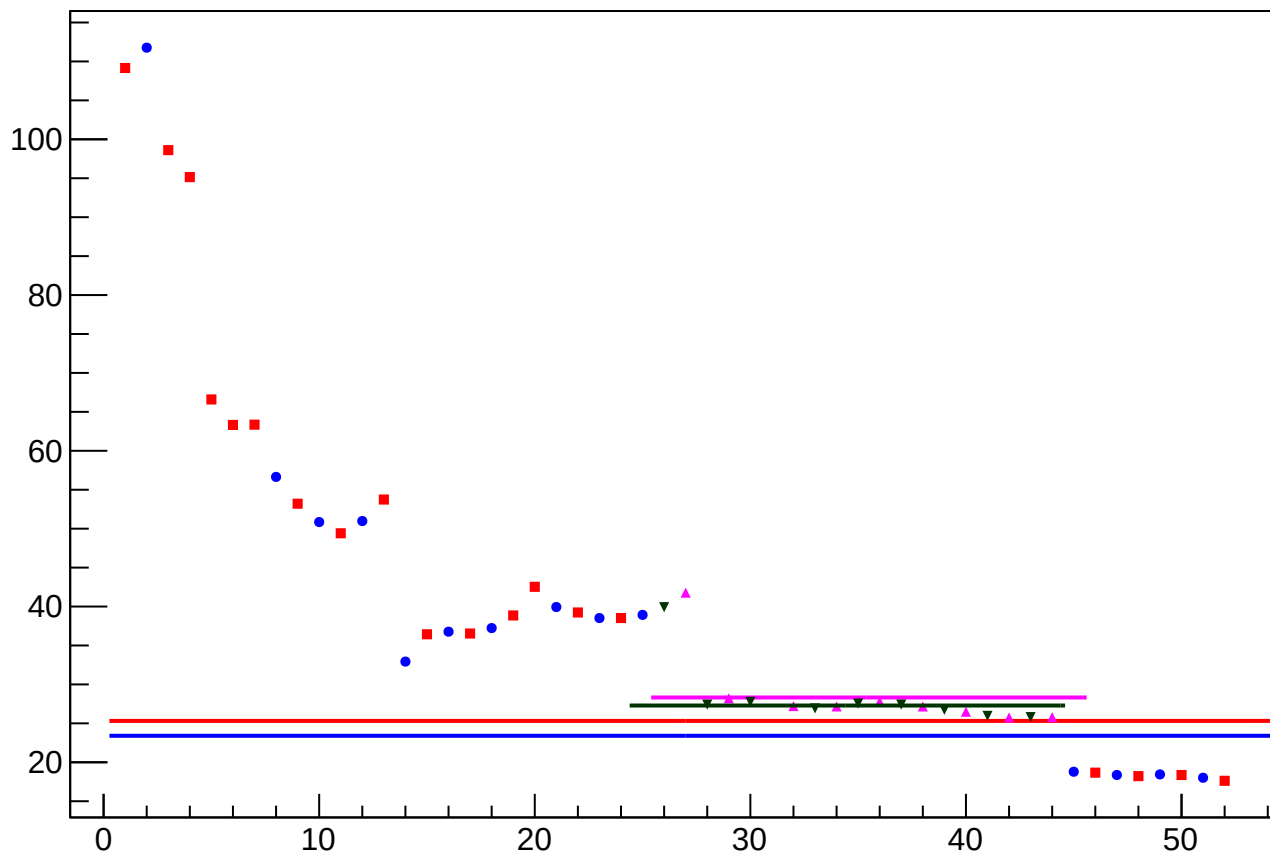
Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

0.073+/-0.000 χ^2/NDF : 7725064.6/50

Right Out: 0.079+/-0.000 χ^2/NDF : 3263559.4/18

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

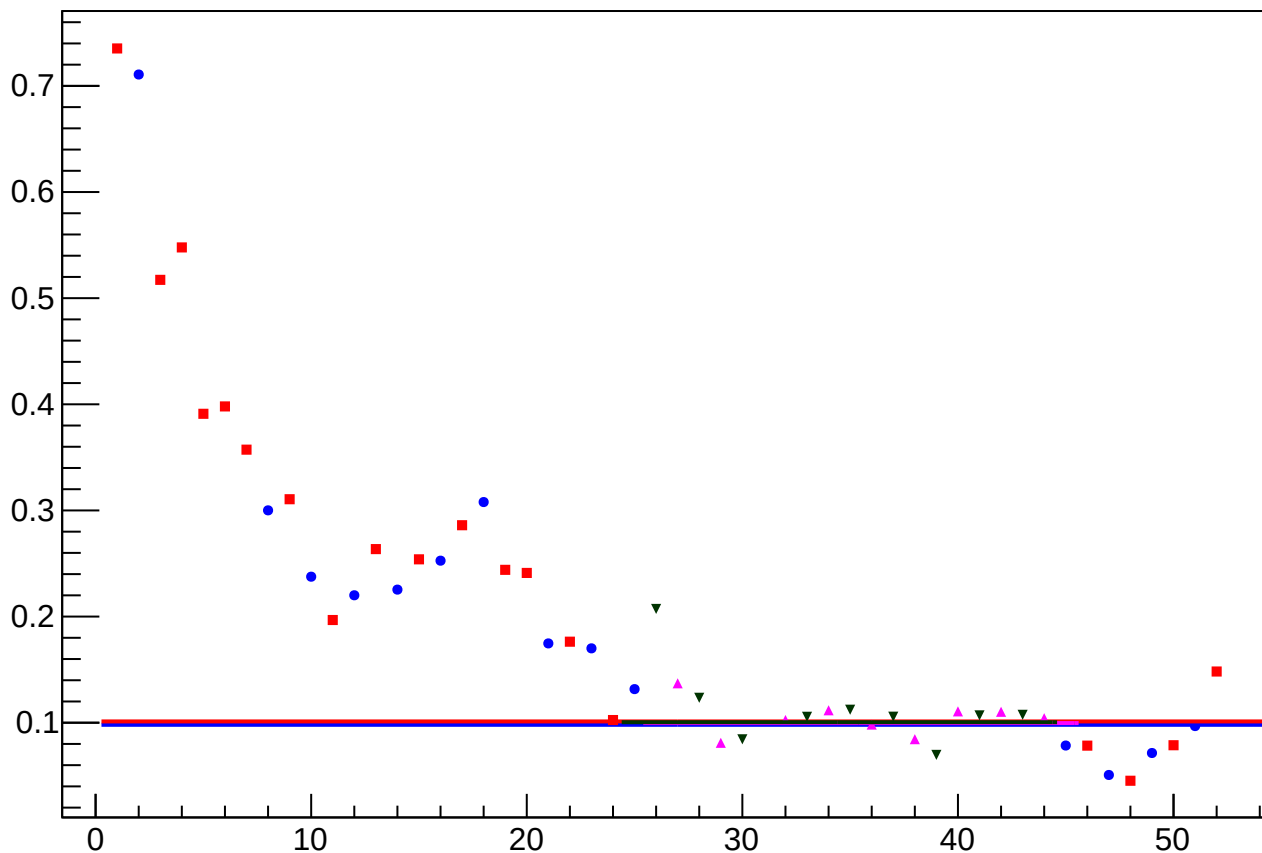
Left Out: 27.289+/-0.000 χ^2 /NDF:1982133147.3/8

Right Out: 25.313+/-0.000 χ^2 /NDF: 82732122982.6/18

Left In: 28.322+/-0.000 χ^2 /NDF:8116600744.9/8

25.932+/-0.000 χ^2 /NDF: 172357603819.5/50

yield_sam7_rms vs slug



Right In: 0.098+/-0.000 χ^2/NDF : 5982292.6/13

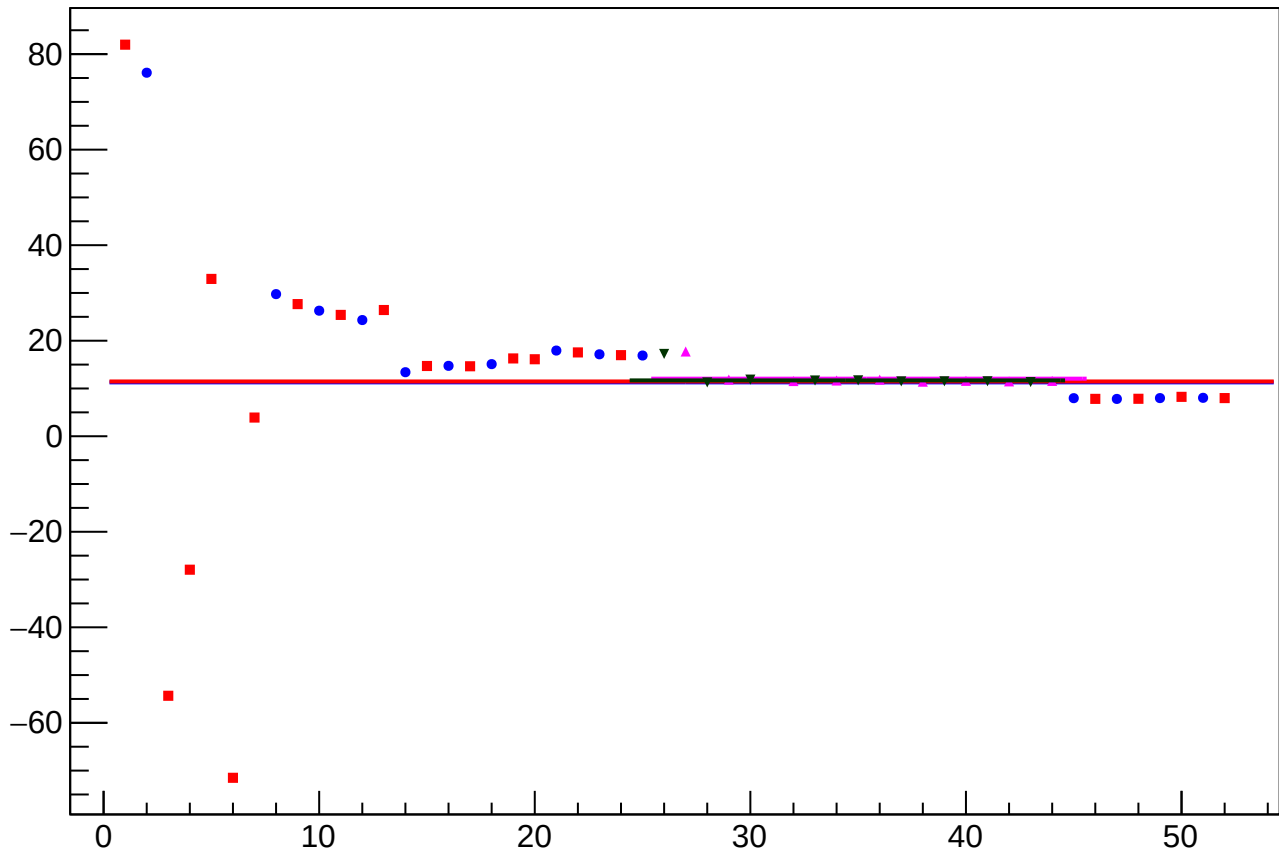
Left Out: 0.100+/-0.000 χ^2/NDF : 510789.5/8

Right Out: 0.101+/-0.000 χ^2/NDF : 6809346.9/18

Left In: 0.100+/-0.000 χ^2/NDF : 255423.8/8

0.100+/-0.000 χ^2/NDF : 13563857.7/50

yield_sam8_mean vs slug



Right In: 11.277+/-0.000 χ^2/NDF : 163523194696.3/13

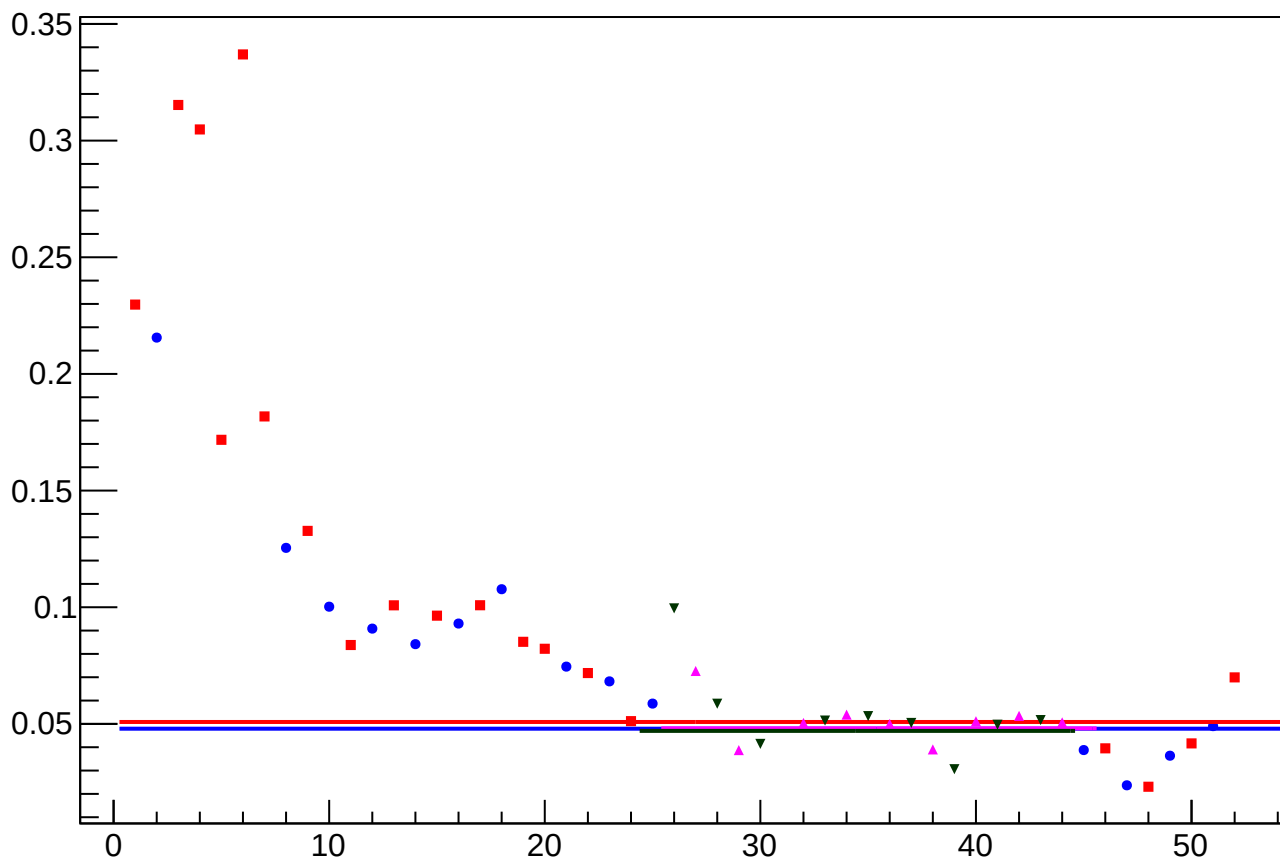
Left Out: 11.692+/-0.000 χ^2/NDF : 1573980124.5/8

11.602+/-0.000 χ^2/NDF : 338737504634.4/50

Right Out: 11.468+/-0.000 χ^2/NDF : 167739976196.8/18

Left In: 12.055+/-0.000 χ^2/NDF : 5109211939.8/8

yield_sam8_rms vs slug



Right In: 0.048+/-0.000 χ^2/NDF : 4753790.1/13

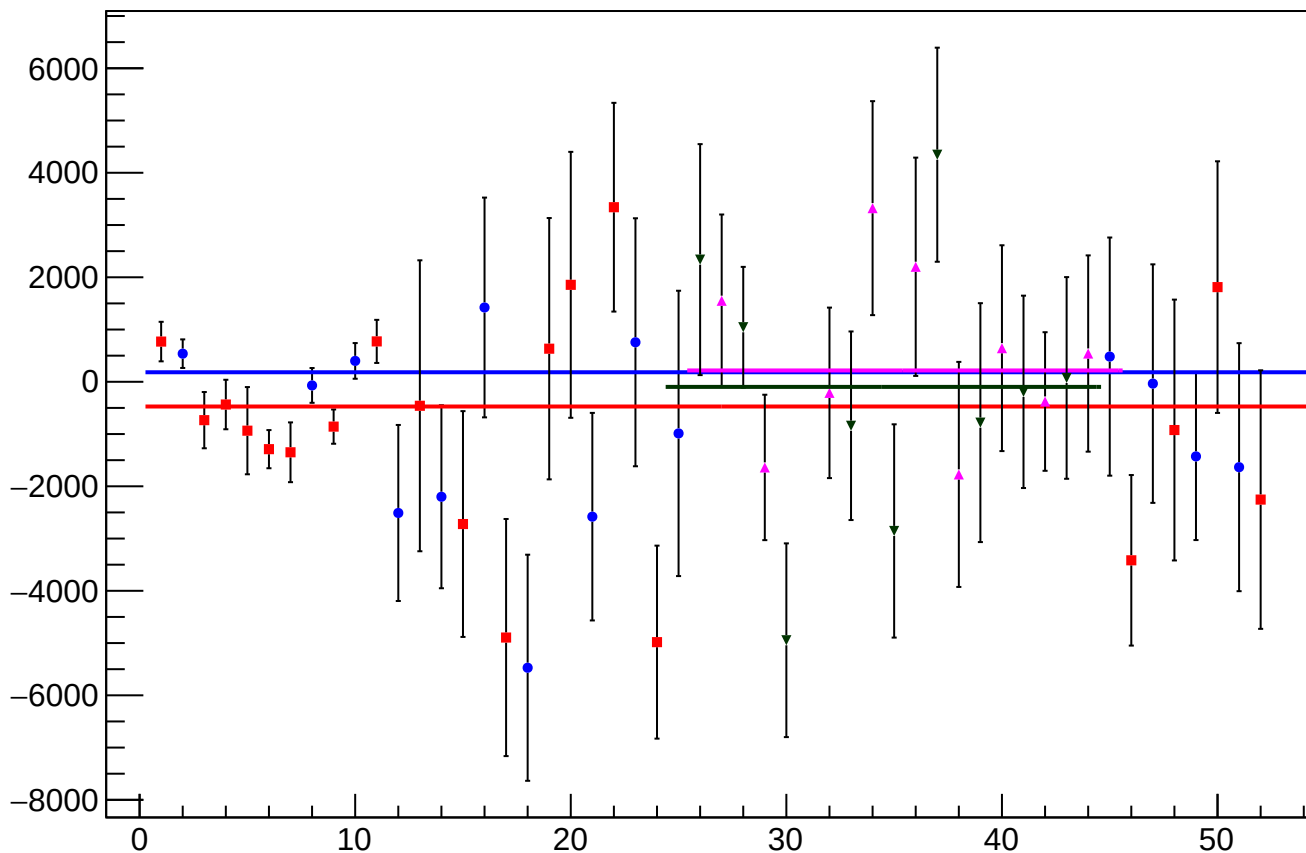
Left Out: 0.047+/-0.000 χ^2/NDF : 613205.8/8

Right Out: 0.051+/-0.000 χ^2/NDF : 5715018.7/18

Left In: 0.048+/-0.000 χ^2/NDF : 348771.4/8

0.048+/-0.000 χ^2/NDF : 11465119.5/50

cor_sam1_mean vs slug



Right In: 182.428+/-172.492 χ^2/NDF : 18.1/13

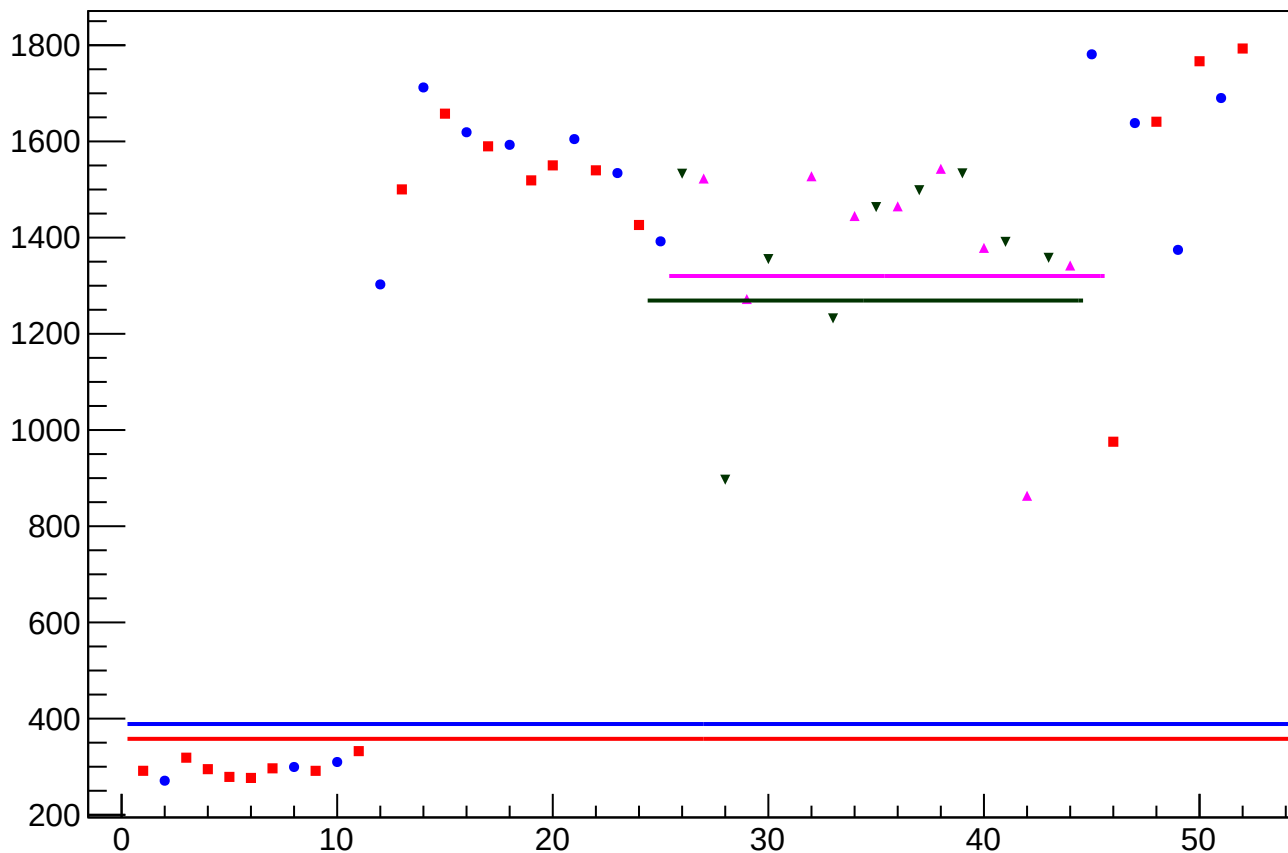
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

Right Out: -472.985+/-150.183 χ^2/NDF : 49.4/18

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

-172.451+/-109.249 χ^2/NDF : 98.9/50

cor_sam1_rms vs slug



Right In: 388.782 $\pm$ 0.122 χ^2 /NDF: 7849434.8/13

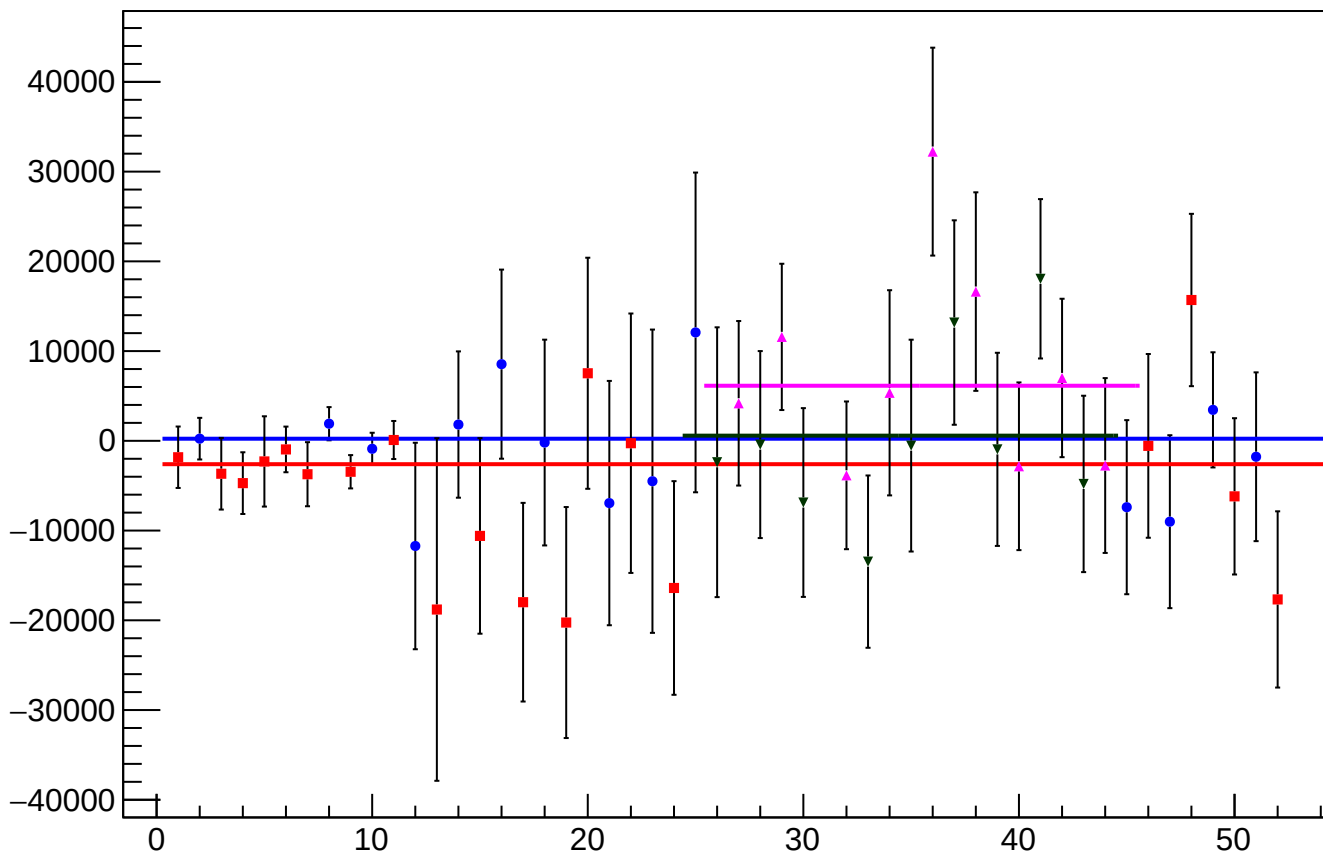
Left Out: 1269.198 $\pm$ 0.424 χ^2 /NDF: 324708.5/8

Right Out: 357.968 $\pm$ 0.106 χ^2 /NDF: 6400439.6/18

Left In: 1320.225 $\pm$ 0.405 χ^2 /NDF: 342760.5/8

435.691 $\pm$ 0.077 χ^2 /NDF: 24249024.9/50

cor_sam2_mean vs slug



Right In: 235.018+/-1054.441 χ^2/NDF : 5.6/13

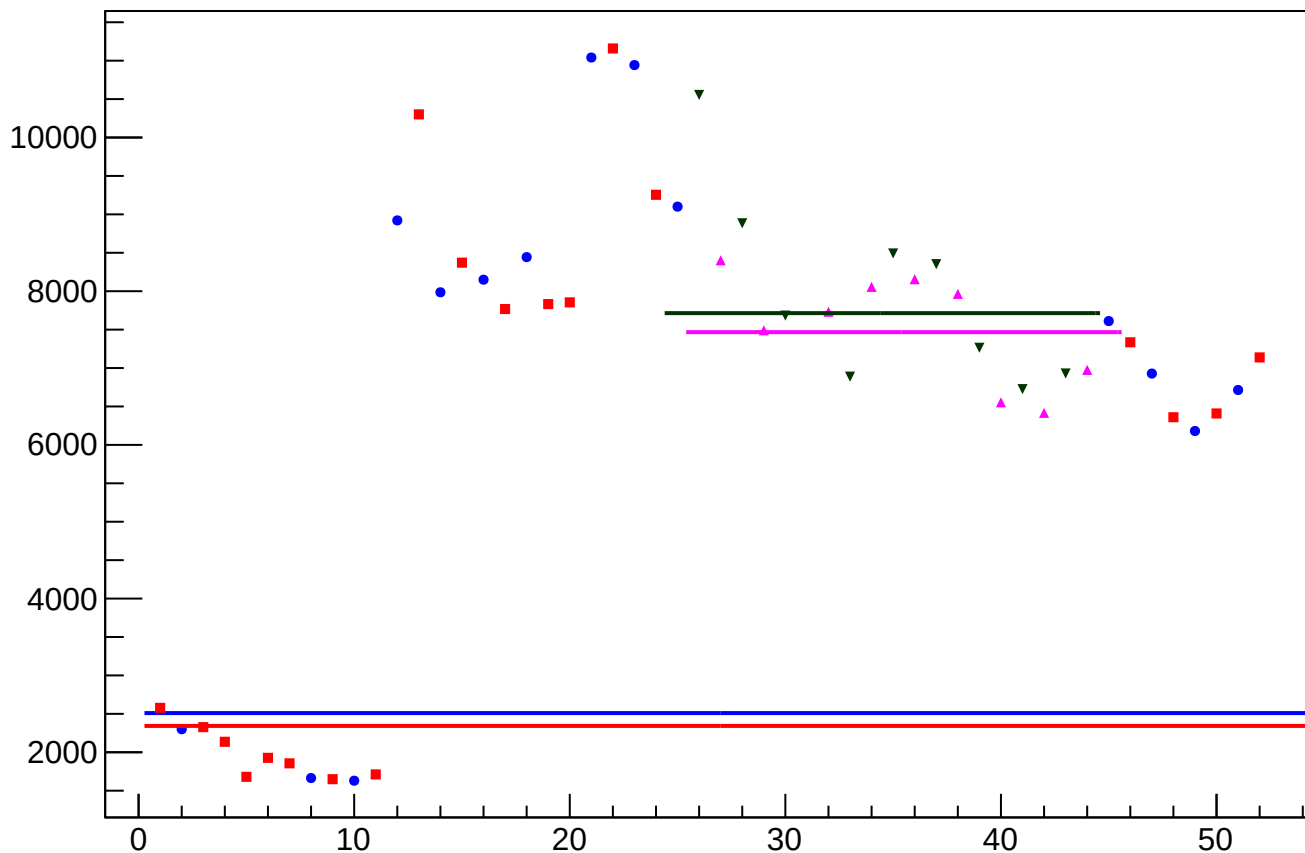
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

Right Out: -2603.263+/-951.243 χ^2/NDF : 16.1/18

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

-918.592+/-676.597 χ^2/NDF : 49.0/50

cor_sam2_rms vs slug



Right In: 2509.896+/-0.746 χ^2/NDF : 7136658.0/13

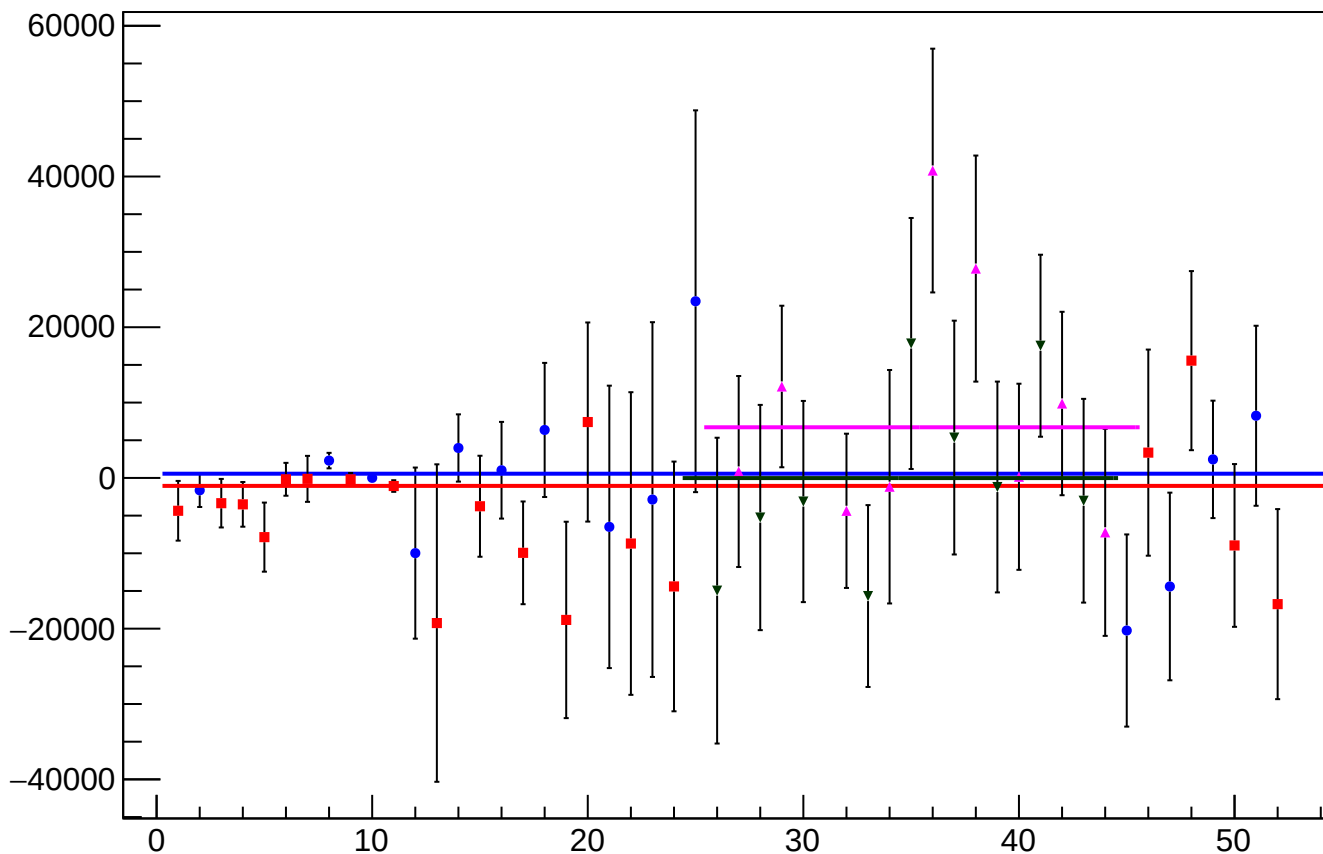
Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

Right Out: 2342.939+/-0.673 χ^2/NDF : 5925832.8/18

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

2842.749+/-0.478 χ^2/NDF : 22143815.2/50

cor_sam3_mean vs slug



Right In: 561.390 $\pm$ 531.454 χ^2 /NDF: 12.0/13

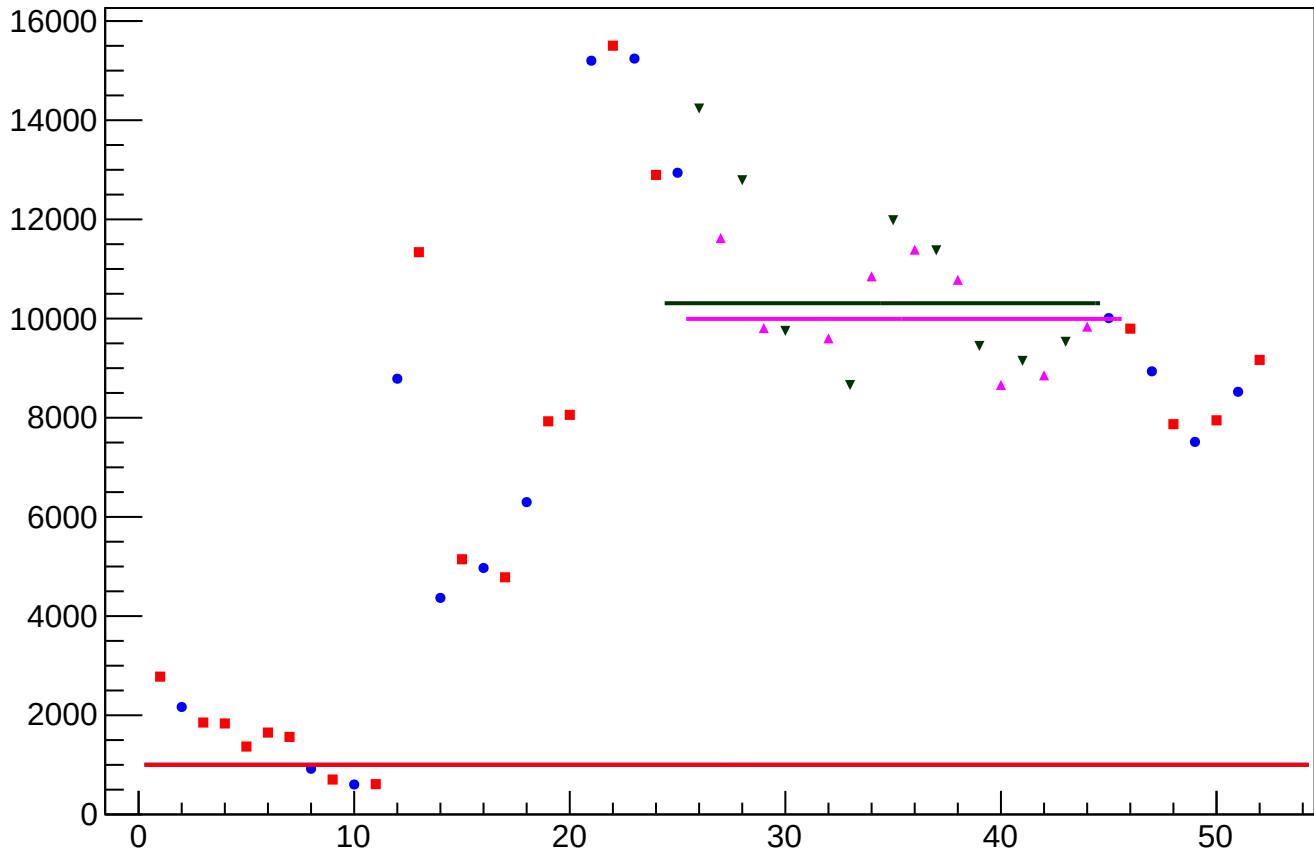
Left Out: -18.907 $\pm$ 4736.066 χ^2 /NDF: 5.8/8

Right Out: -1055.471 $\pm$ 511.784 χ^2 /NDF: 15.2/18

Left In: 6722.901 $\pm$ 4244.094 χ^2 /NDF: 9.7/8

-223.861 $\pm$ 366.162 χ^2 /NDF: 50.2/50

cor_sam3_rms vs slug



Right In: 1003.836+/-0.376 χ^2/NDF : 11152739.1/13

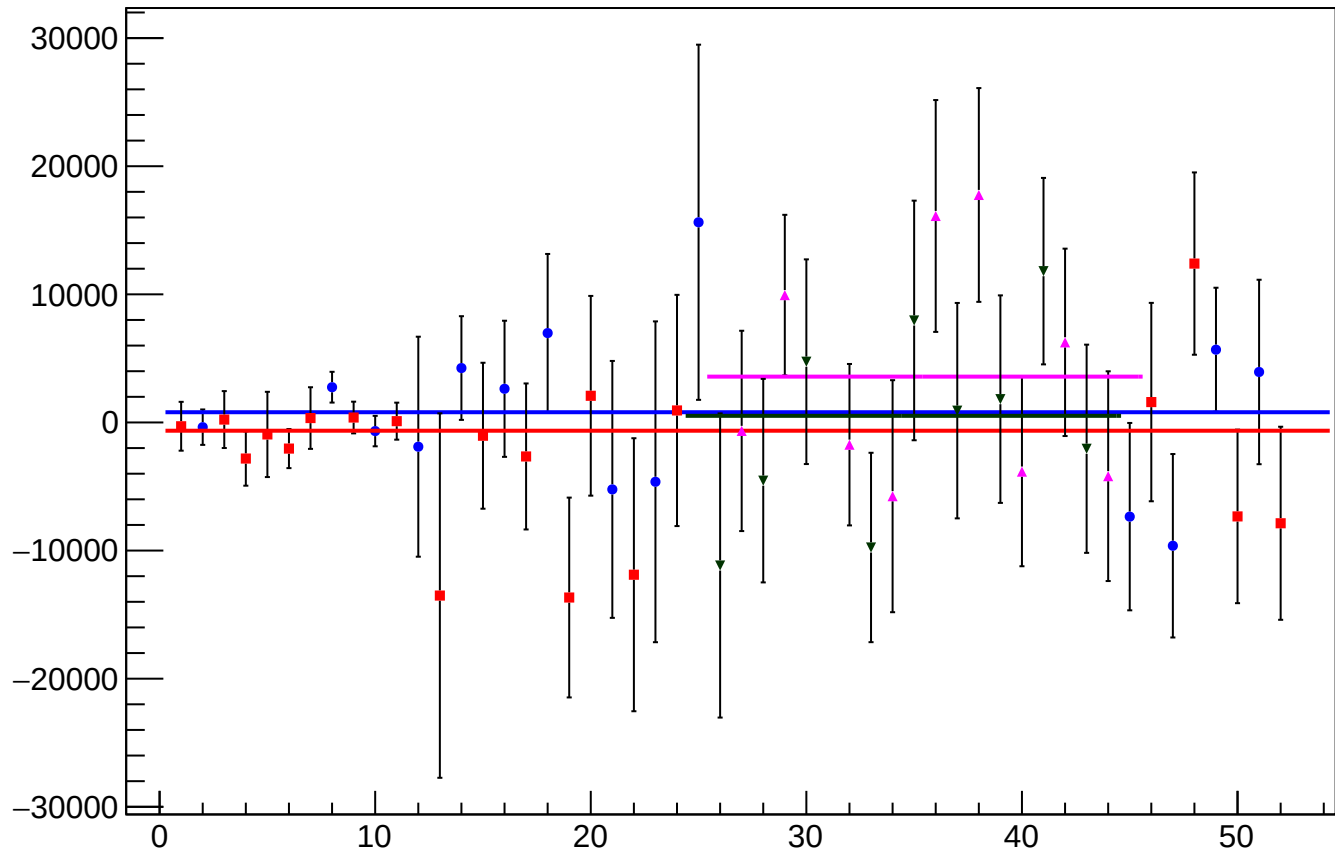
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

1124.313+/-0.259 χ^2/NDF : 37920639.6/50

Right Out: 999.816+/-0.362 χ^2/NDF : 9953340.3/18

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

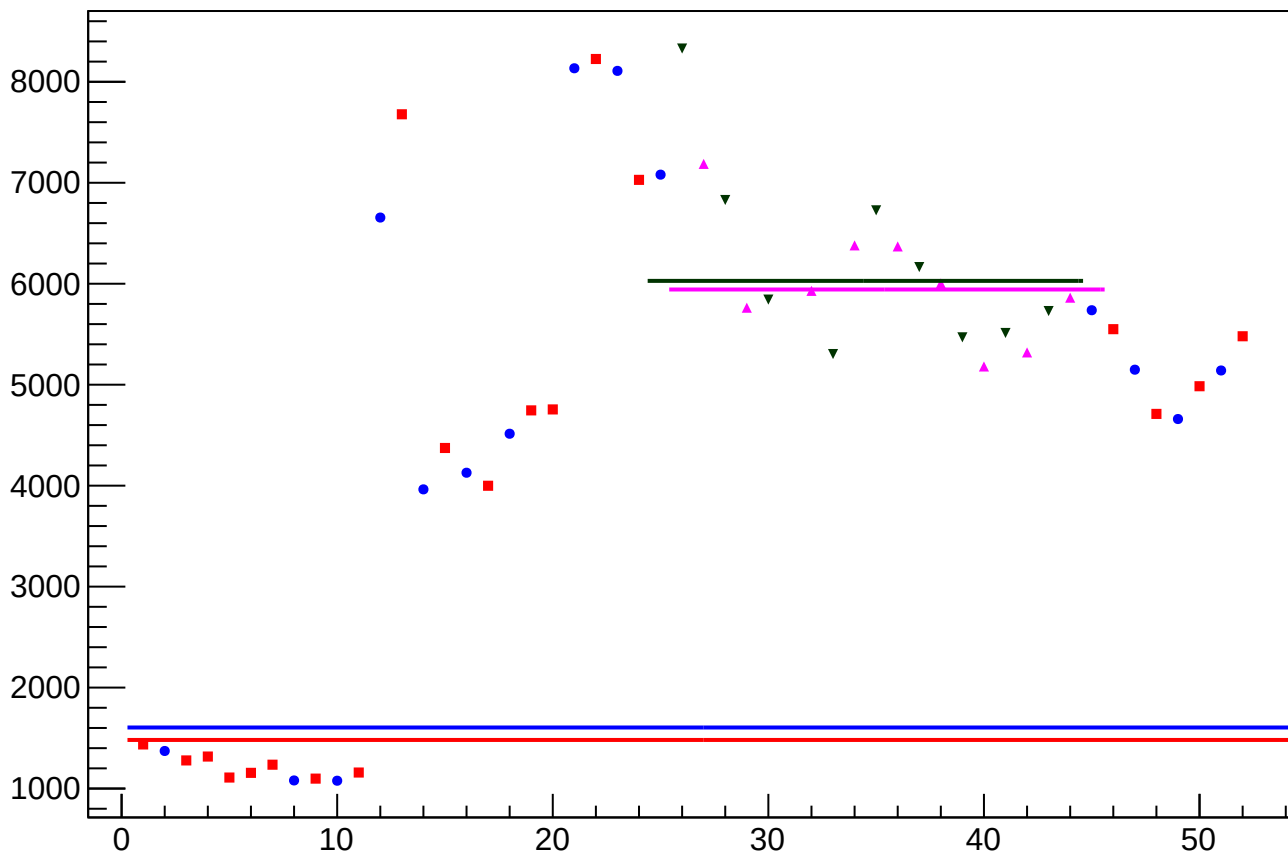
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

118.935+/-438.736 χ^2/NDF : 47.9/50

Right Out: -645.308+/-606.031 χ^2/NDF : 13.5/18

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

cor_sam4_rms vs slug



Right In: 1604.718+/-0.479 χ^2/NDF : 7207438.4/13

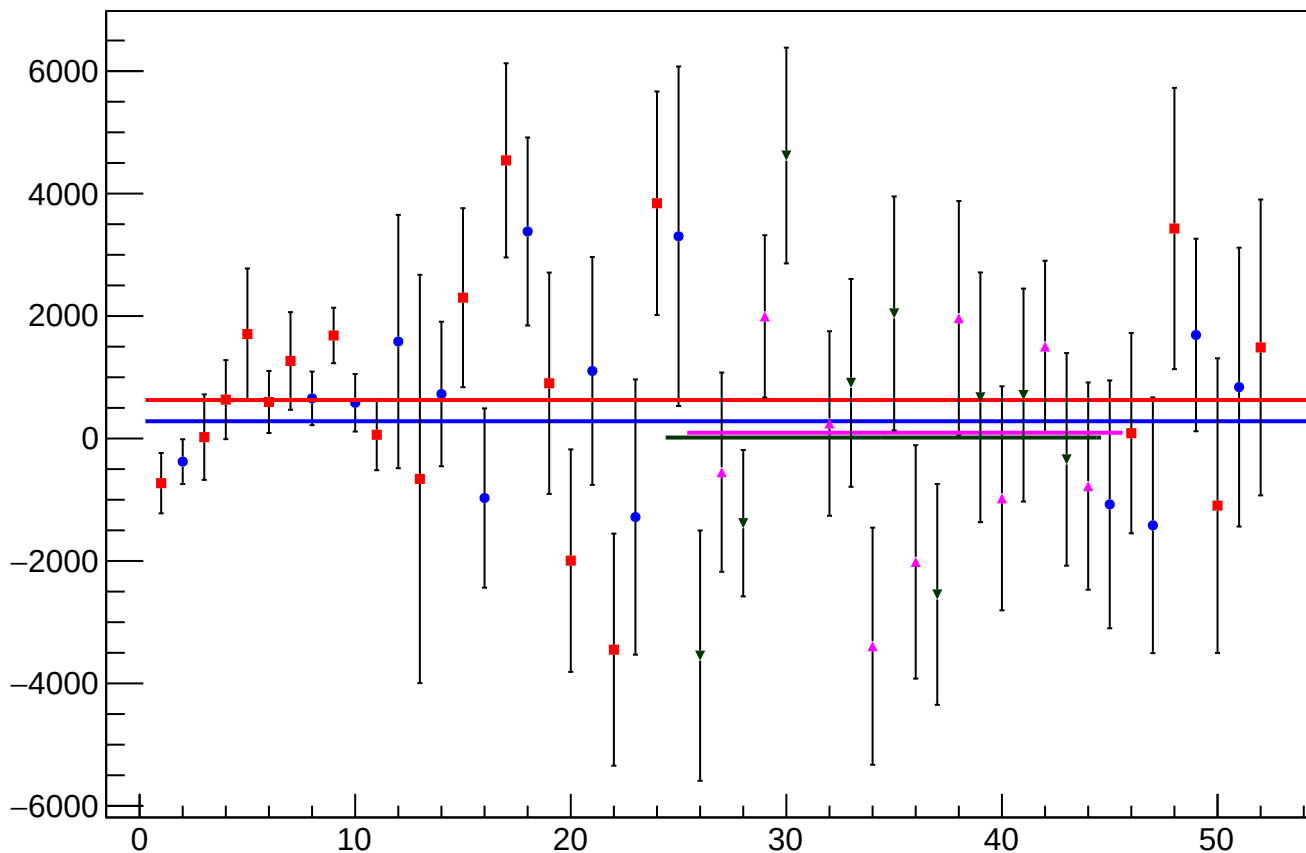
Left Out: 6028.268+/-1.948 χ^2/NDF : 149820.8/8

Right Out: 1481.335+/-0.429 χ^2/NDF : 6066712.4/18

Left In: 5942.882+/-1.780 χ^2/NDF : 97554.4/8

1783.991+/-0.310 χ^2/NDF : 24365418.6/50

cor_sam5_mean vs slug



Right In: 281.969 ± 219.283 χ^2/NDF : 13.6/13

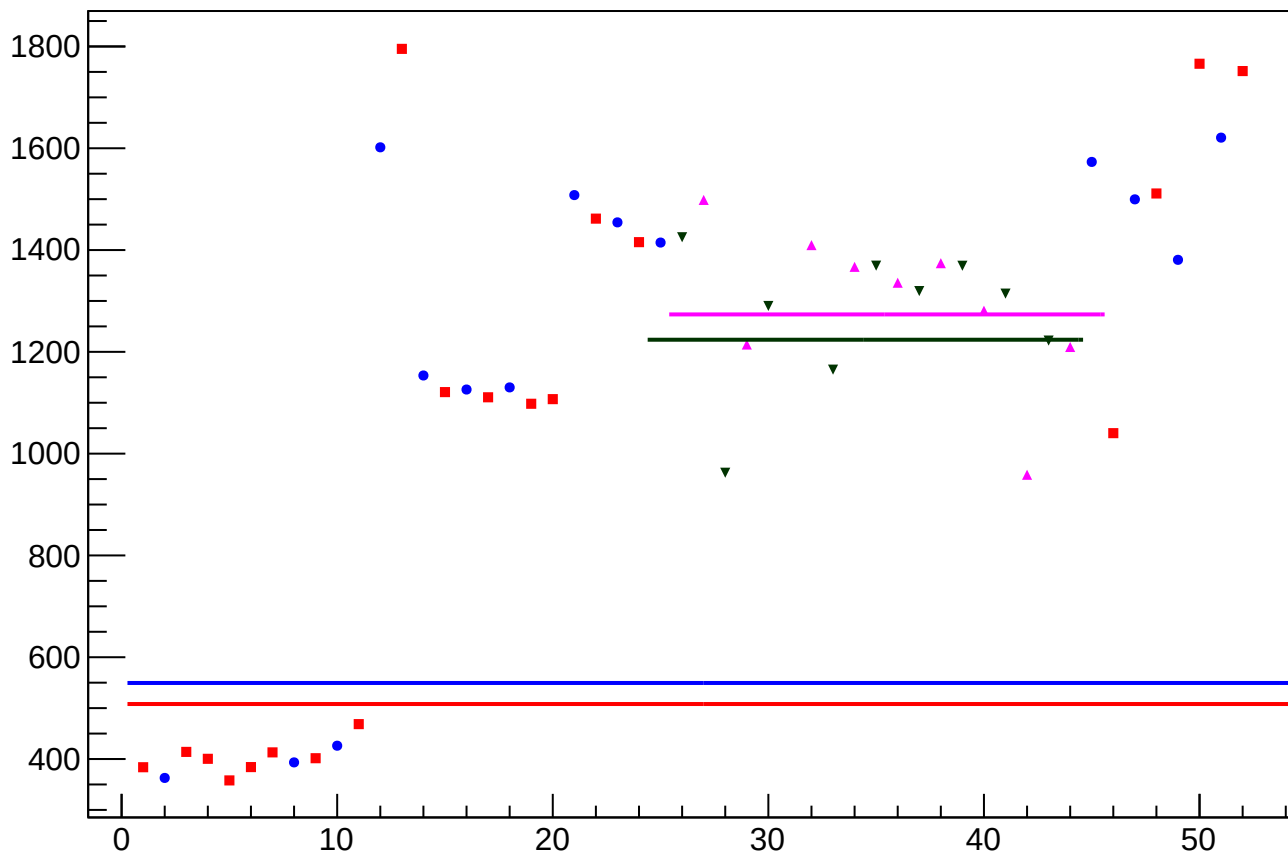
Left Out: 15.632 ± 568.606 χ^2/NDF : 15.0/8

Right Out: 628.199 ± 196.835 χ^2/NDF : 36.0/18

Left In: 94.301 ± 545.541 χ^2/NDF : 9.3/8

422.979 ± 137.283 χ^2/NDF : 76.2/50

cor_sam5_rms vs slug



Right In: 549.425+/-0.155 χ^2/NDF : 5531442.2/13

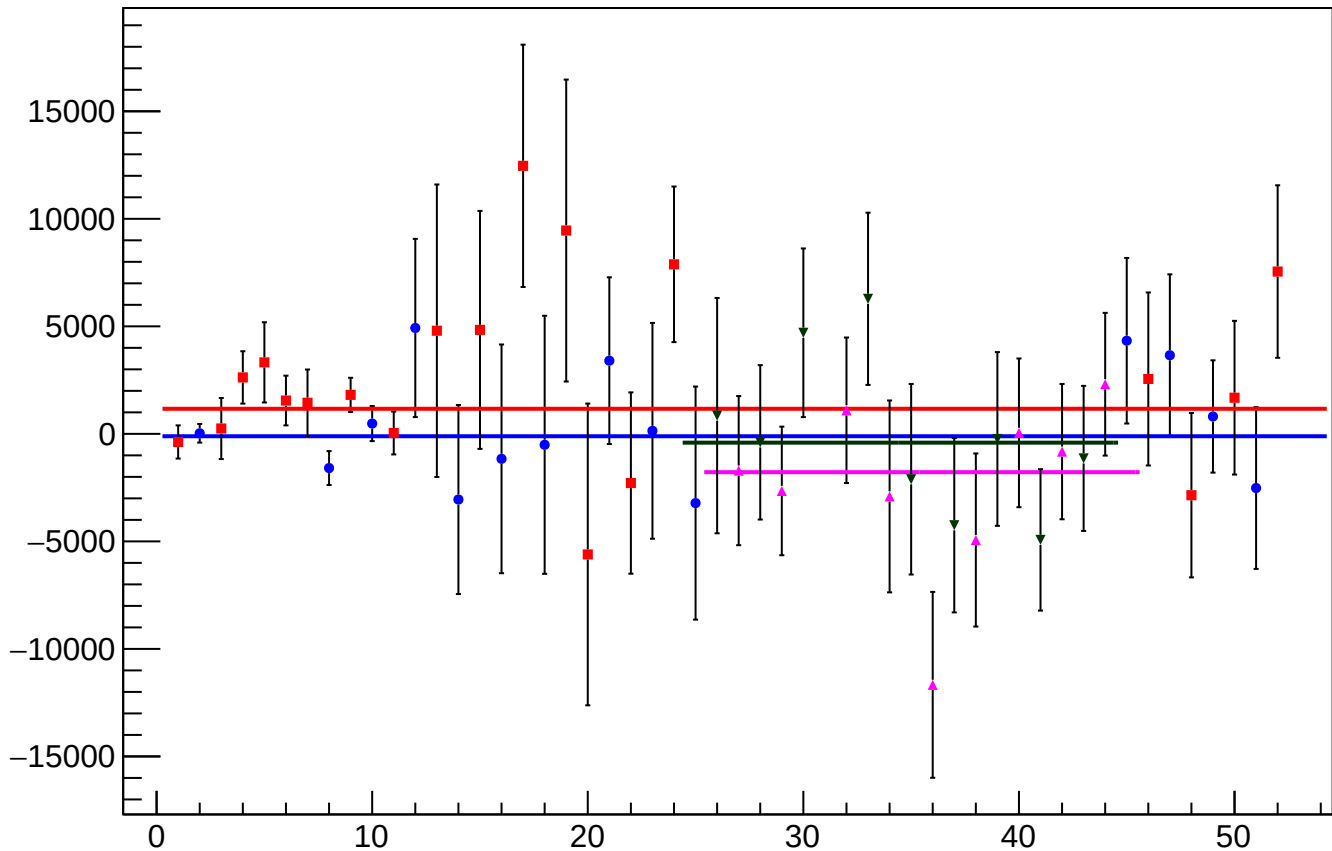
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 508.058+/-0.139 χ^2/NDF : 4565259.2/18

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

614.470+/-0.097 χ^2/NDF : 16401160.5/50

cor_sam6_mean vs slug



Right In: -110.503+/-331.755 χ^2/NDF : 10.1/13

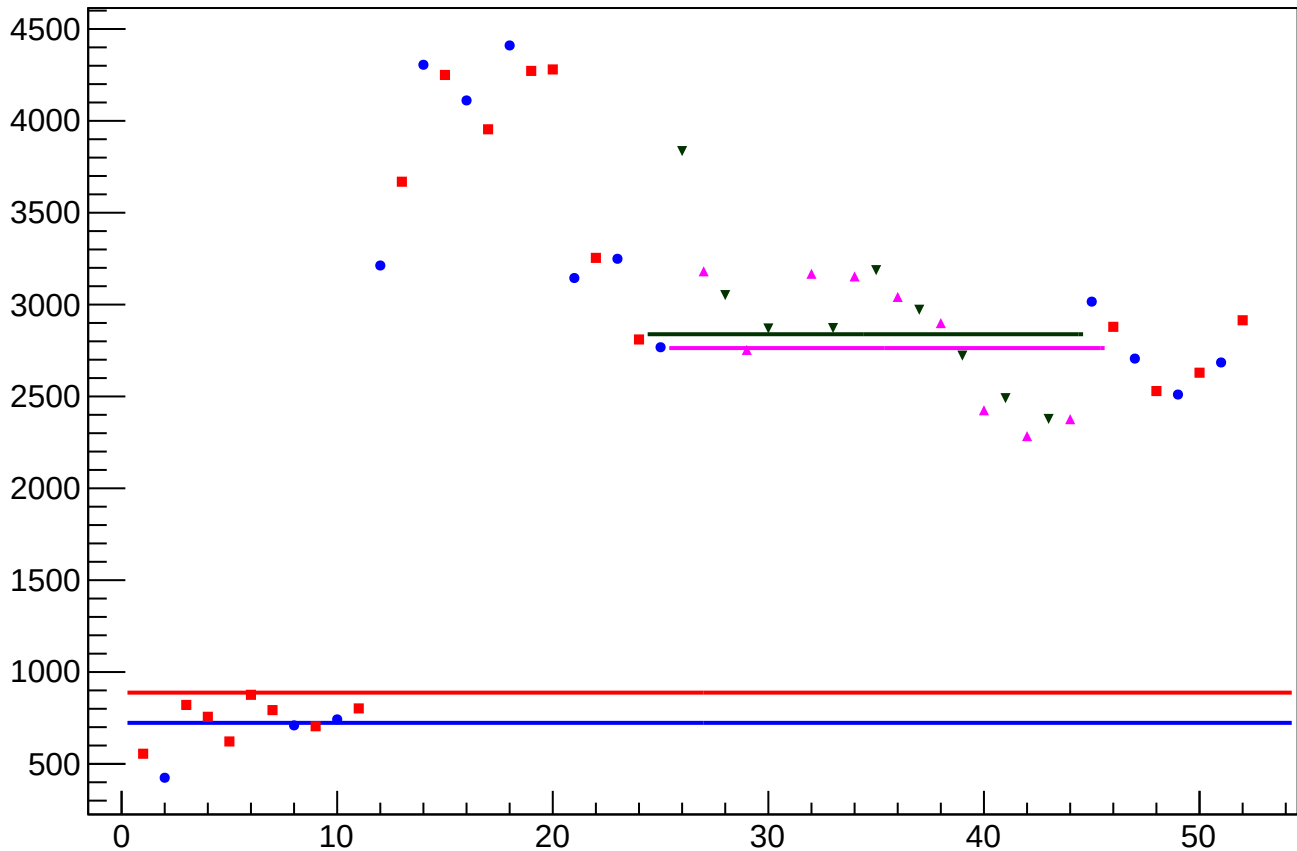
Left Out: -408.383+/-1299.964 χ^2/NDF : 7.5/8

343.869+/-236.845 χ^2/NDF : 61.0/50

Right Out: 1166.817+/-366.971 χ^2/NDF : 24.2/18

Left In: -1781.426+/-1175.729 χ^2/NDF : 8.6/8

cor_sam6_rms vs slug



Right In: 723.417+/-0.235 χ^2/NDF : 8882755.9/13

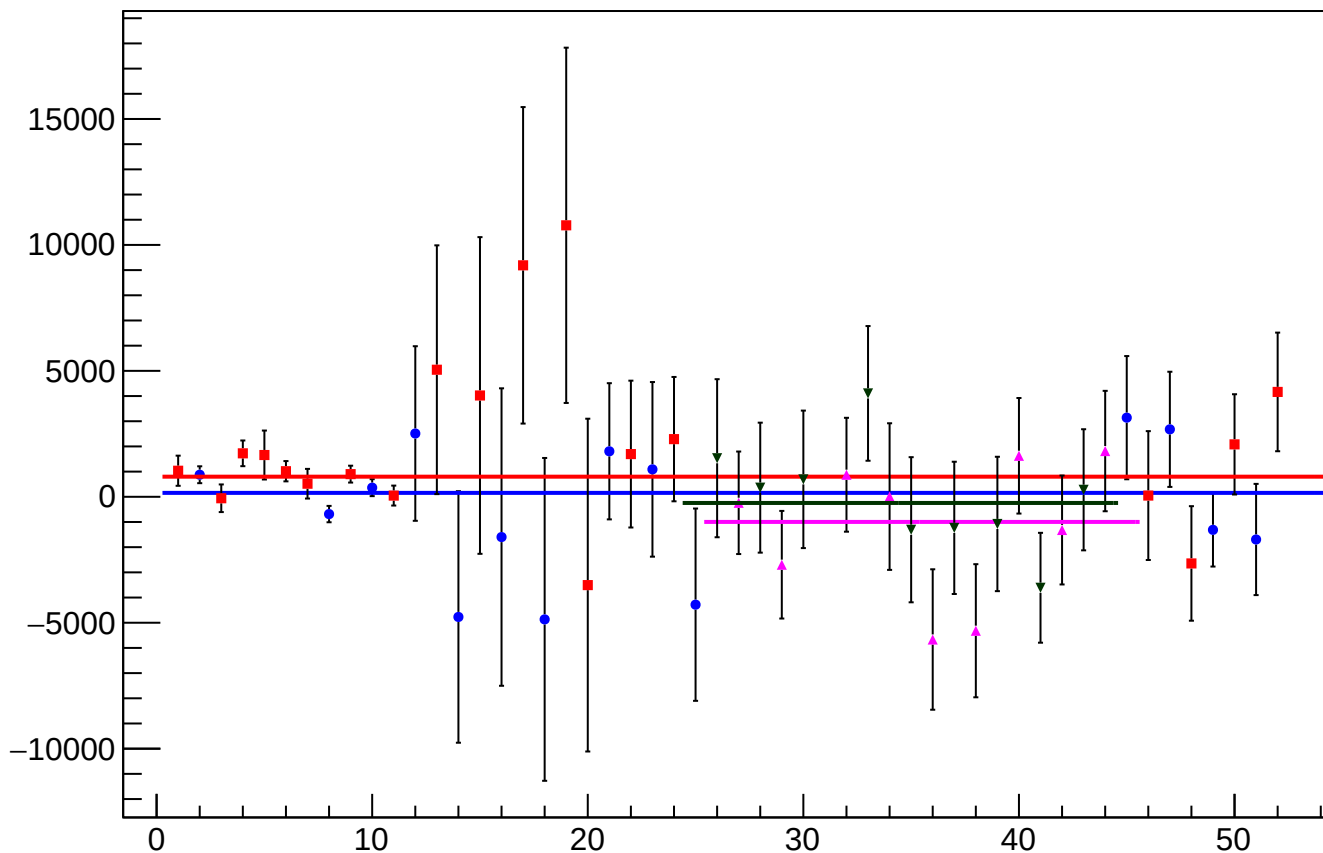
Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

944.934+/-0.167 χ^2/NDF : 25382759.0/50

Right Out: 887.914+/-0.259 χ^2/NDF : 6205634.3/18

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

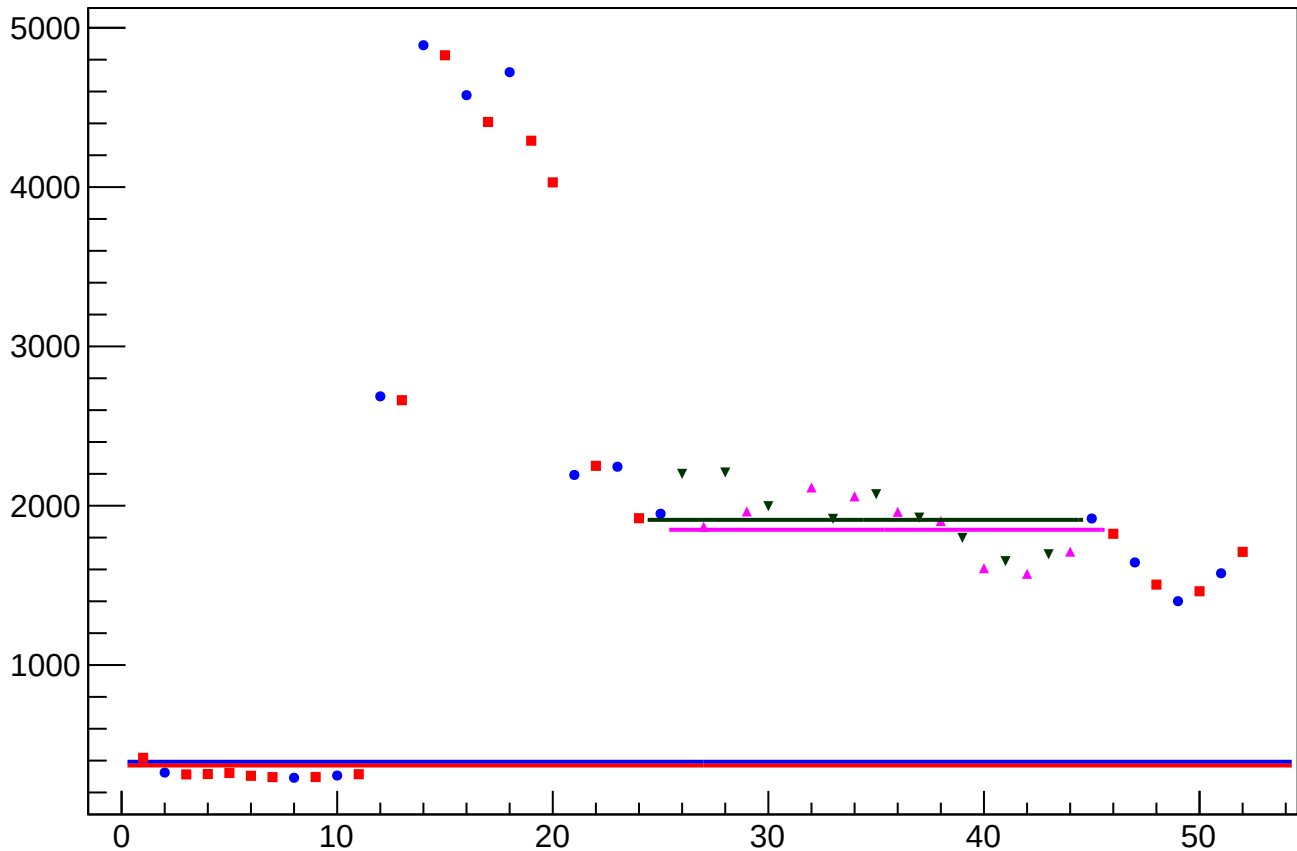
Left Out: -244.491 $\pm$ 871.961 χ^2 /NDF: 5.9/8

Right Out: 799.049 $\pm$ 165.365 χ^2 /NDF: 21.4/18

Left In: -997.335 $\pm$ 784.451 χ^2 /NDF: 9.8/8

465.351 $\pm$ 121.069 χ^2 /NDF: 68.2/50

cor_sam7_rms vs slug



Right In: 392.643+/-0.132 χ^2/NDF : 9522316.8/13

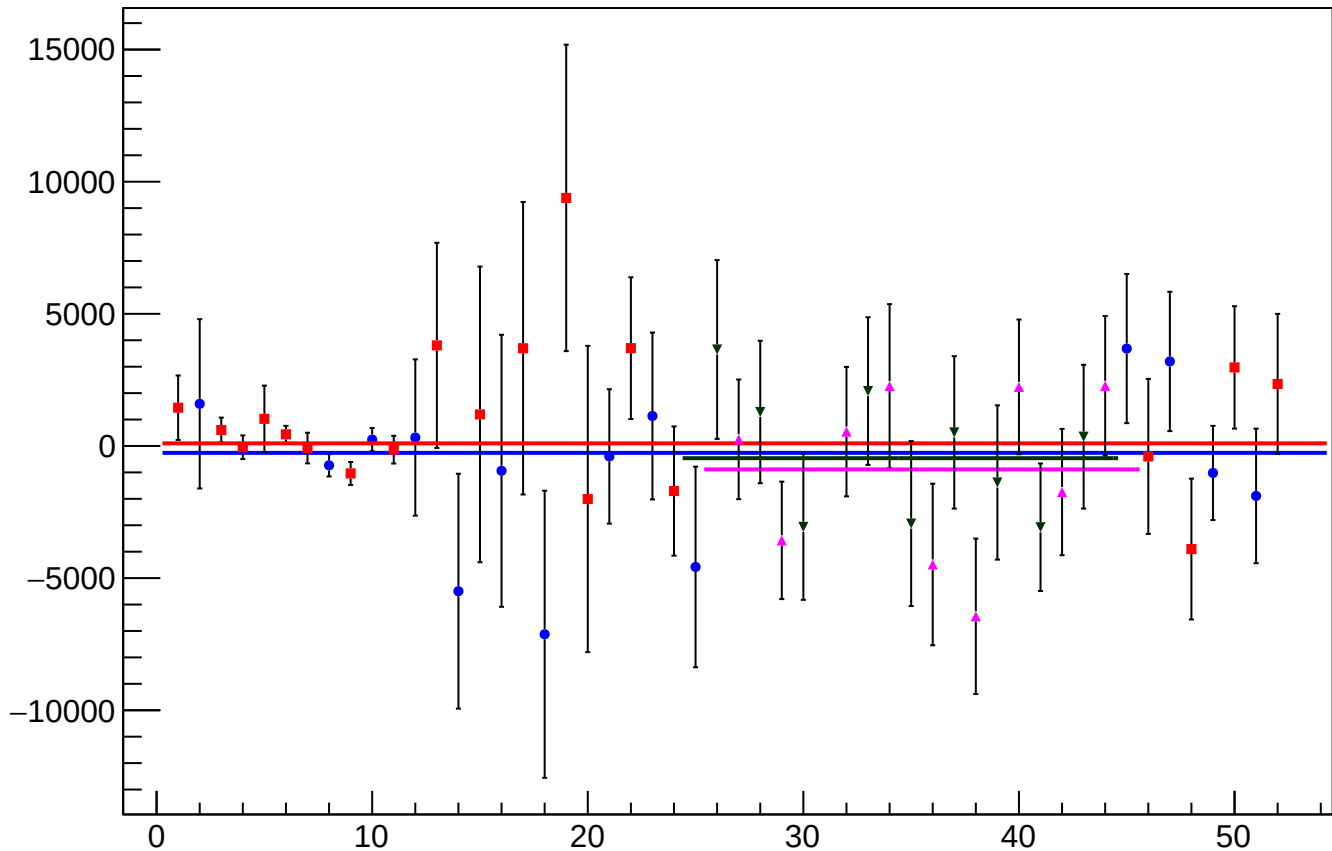
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

444.068+/-0.086 χ^2/NDF : 30163924.1/50

Right Out: 369.243+/-0.117 χ^2/NDF : 7792407.7/18

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

cor_sam8_mean vs slug



Right In: -260.248 ± 286.770 $\chi^2/\text{NDF}: 11.7/13$

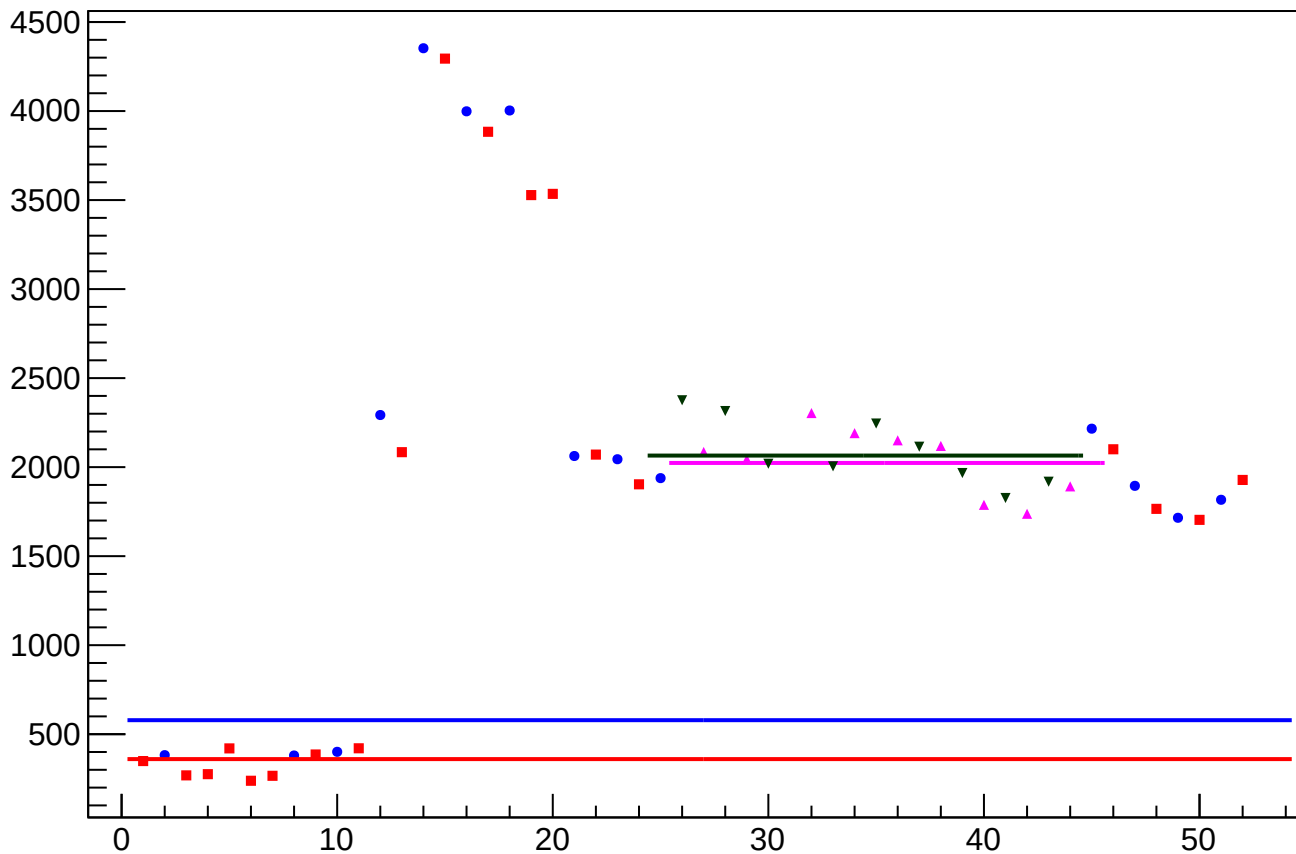
Left Out: -461.681 ± 939.996 $\chi^2/\text{NDF}: 5.7/8$

-32.295 ± 143.993 $\chi^2/\text{NDF}: 53.2/50$

Right Out: 99.425 ± 172.581 $\chi^2/\text{NDF}: 22.3/18$

Left In: -886.546 ± 856.447 $\chi^2/\text{NDF}: 11.1/8$

cor_sam8_rms vs slug



Right In: 578.707 $\pm$ 0.203 χ^2 /NDF: 8393698.2/13

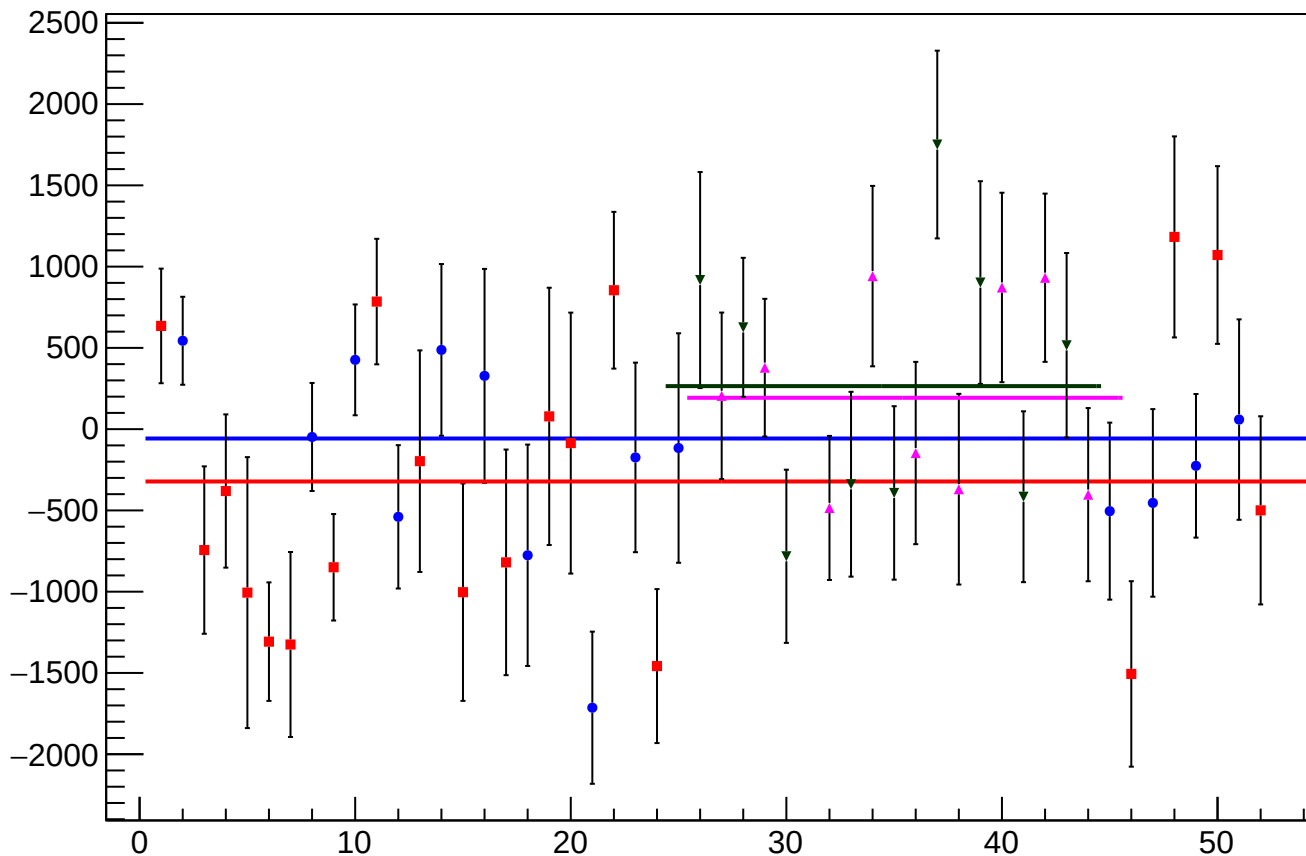
Left Out: 2064.944 $\pm$ 0.665 χ^2 /NDF: 70444.9/8

Right Out: 360.114 $\pm$ 0.122 χ^2 /NDF: 8161815.4/18

Left In: 2023.521 $\pm$ 0.606 χ^2 /NDF: 89774.9/8

502.252 $\pm$ 0.102 χ^2 /NDF: 30052130.7/50

reg_asym_sam1_mean vs slug



Right In: -57.538 ± 121.153 χ^2/NDF : 24.6/13

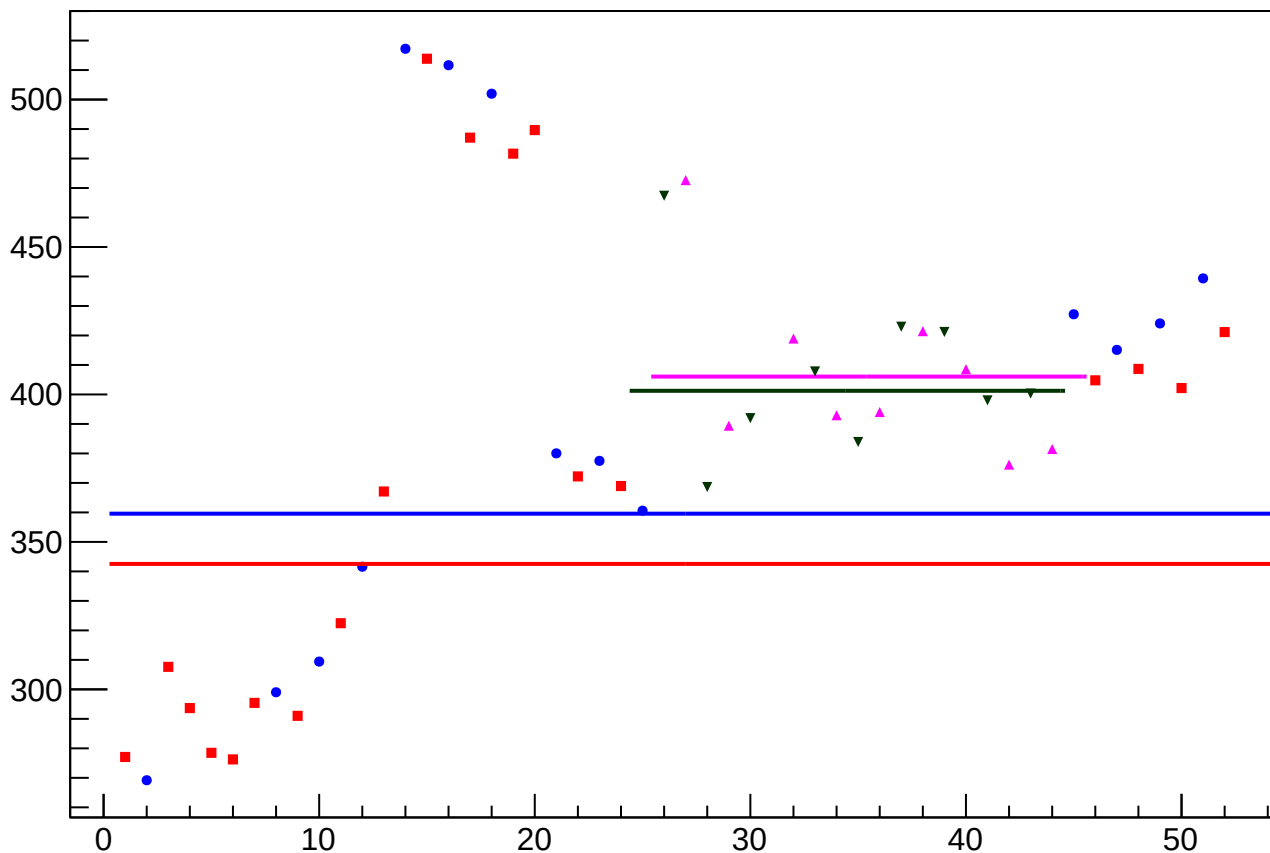
Left Out: 264.755 ± 182.132 χ^2/NDF : 17.7/8

-64.974 ± 69.495 χ^2/NDF : 123.4/50

Right Out: -321.975 ± 115.644 χ^2/NDF : 60.4/18

Left In: 192.929 ± 171.479 χ^2/NDF : 10.3/8

reg_asym_sam1_rms vs slug



Right In: 359.576+/-0.086 χ^2/NDF : 839428.1/13

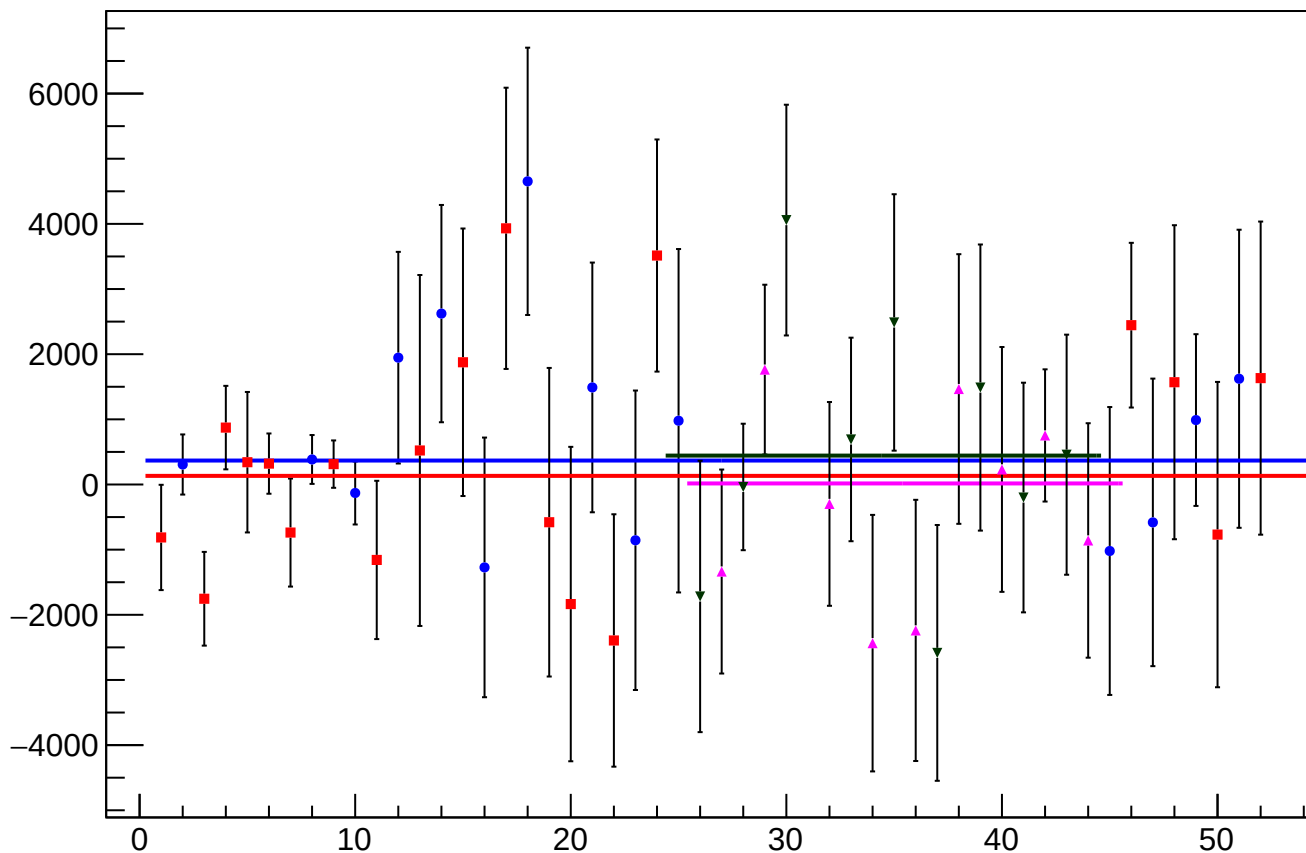
Left Out: 401.241+/-0.129 χ^2/NDF : 39393.7/8

Right Out: 342.540+/-0.082 χ^2/NDF : 716743.8/18

Left In: 406.067+/-0.121 χ^2/NDF : 52950.3/8

367.126+/-0.049 χ^2/NDF : 1919985.3/50

asym_sam1_correction_mean vs slug



Right In: 367.629 $\pm$ 228.847 χ^2/NDF : 10.7/13

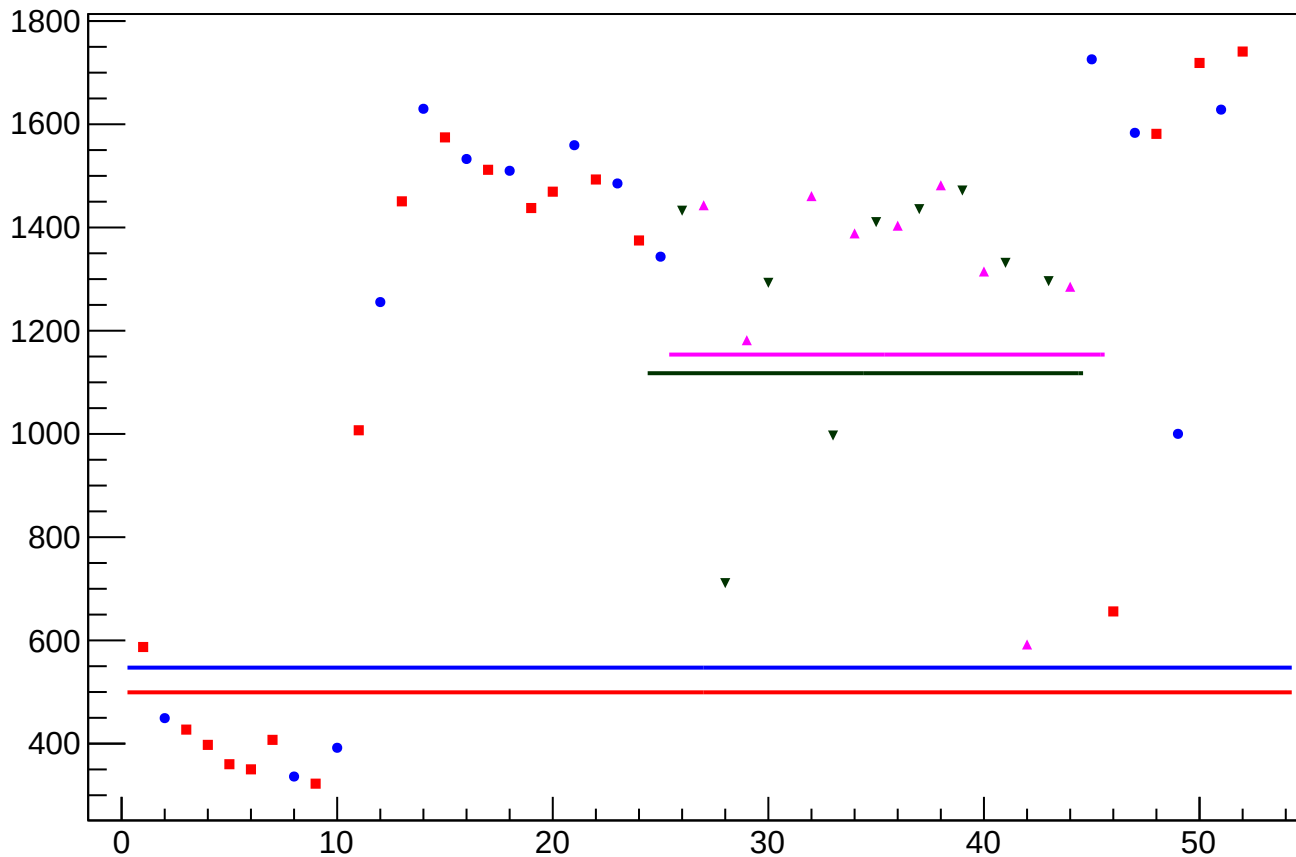
Left Out: 443.599 $\pm$ 545.326 χ^2/NDF : 9.3/8

Right Out: 132.374 $\pm$ 204.915 χ^2/NDF : 26.4/18

Left In: 16.228 $\pm$ 519.142 χ^2/NDF : 6.7/8

234.563 $\pm$ 141.446 χ^2/NDF : 54.0/50

asym_sam1_correction_rms vs slug



Right In: 547.262+/-0.162 χ^2/NDF : 5849523.7/13

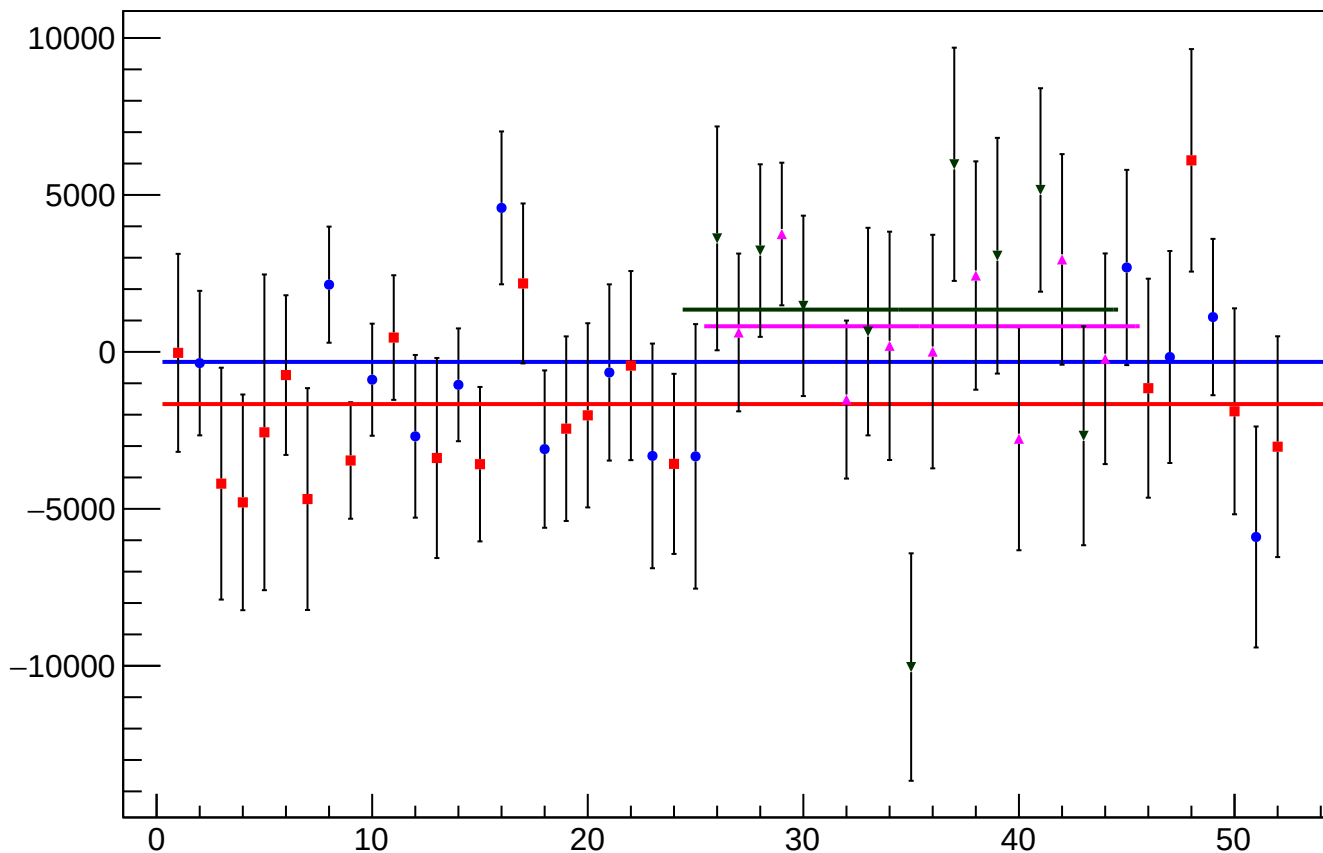
Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

607.846+/-0.100 χ^2/NDF : 17608097.4/50

Right Out: 499.376+/-0.145 χ^2/NDF : 5578370.6/18

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

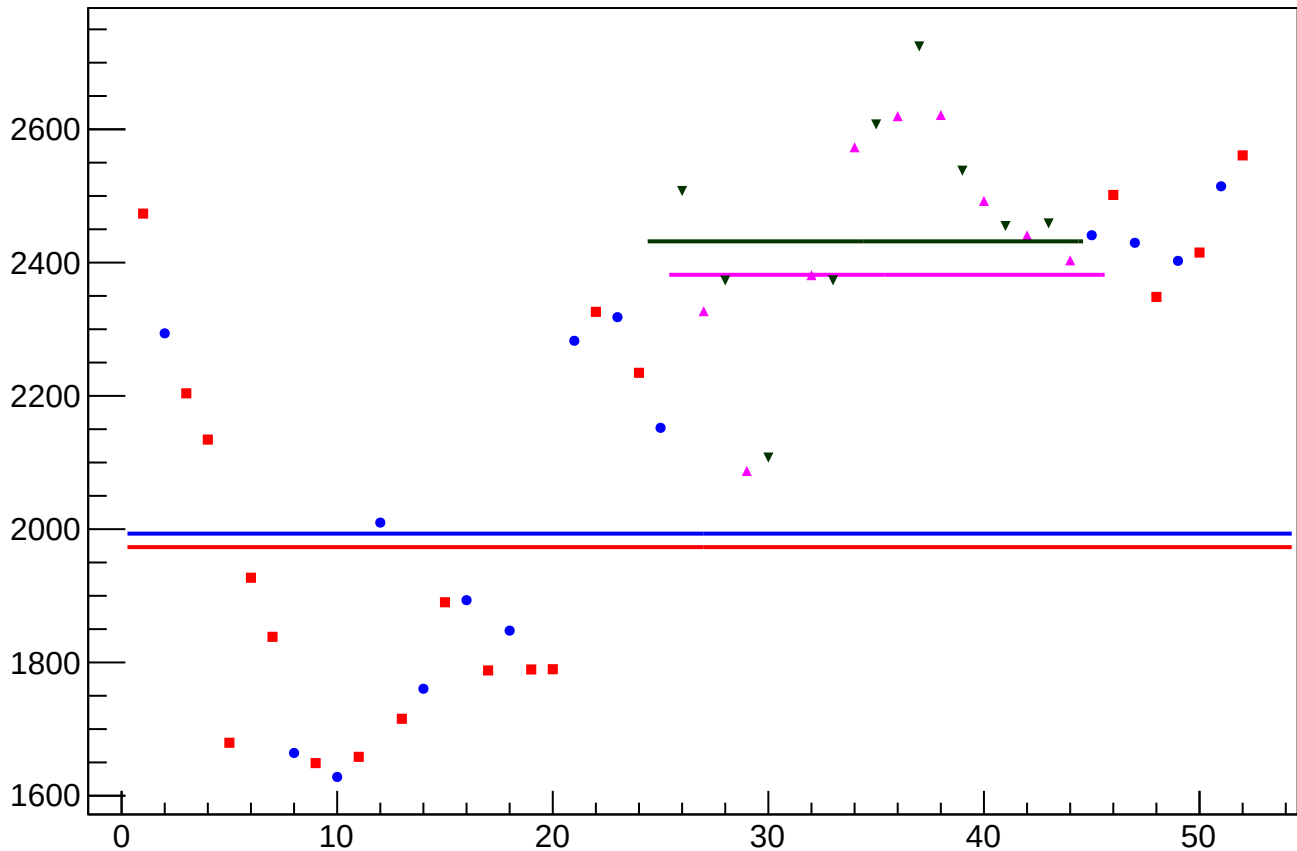
Left Out: 1347.049 ± 1103.859 χ^2/NDF : 15.3/8

Right Out: -1662.193 ± 660.264 χ^2/NDF : 13.4/18

Left In: 816.318 ± 1004.864 χ^2/NDF : 4.3/8

-411.343 ± 395.887 χ^2/NDF : 53.8/50

reg_asym_sam2_rms vs slug



Right In: 1993.301+/-0.469 χ^2/NDF : 438168.5/13

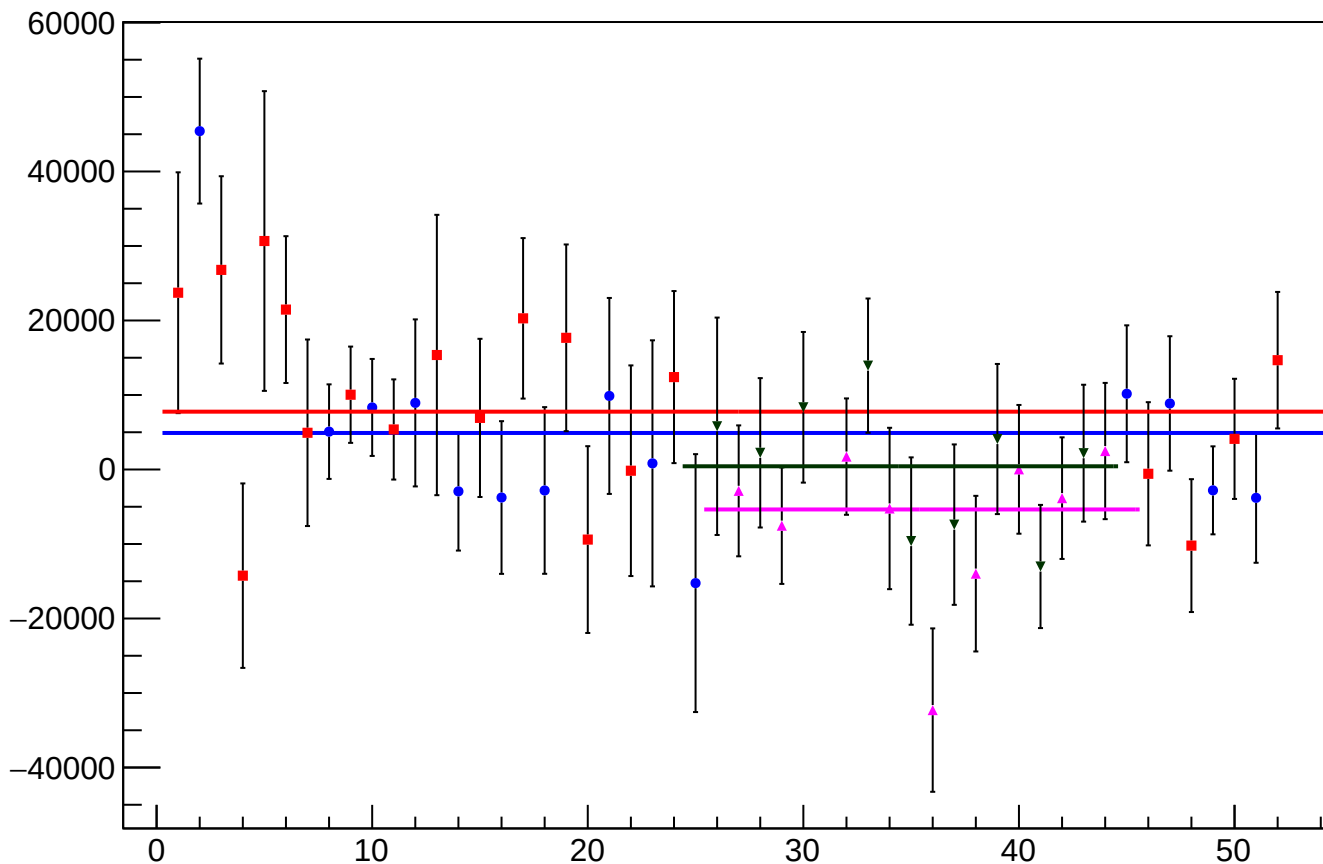
Left Out: 2431.909+/-0.781 χ^2/NDF : 46832.9/8

Right Out: 1973.062+/-0.467 χ^2/NDF : 430330.7/18

Left In: 2381.708+/-0.711 χ^2/NDF : 59588.7/8

2102.725+/-0.280 χ^2/NDF : 1438567.5/50

asym_sam2_correction_mean vs slug



Right In: 4903.166 ± 2363.189 $\chi^2/\text{NDF}: 24.7/13$

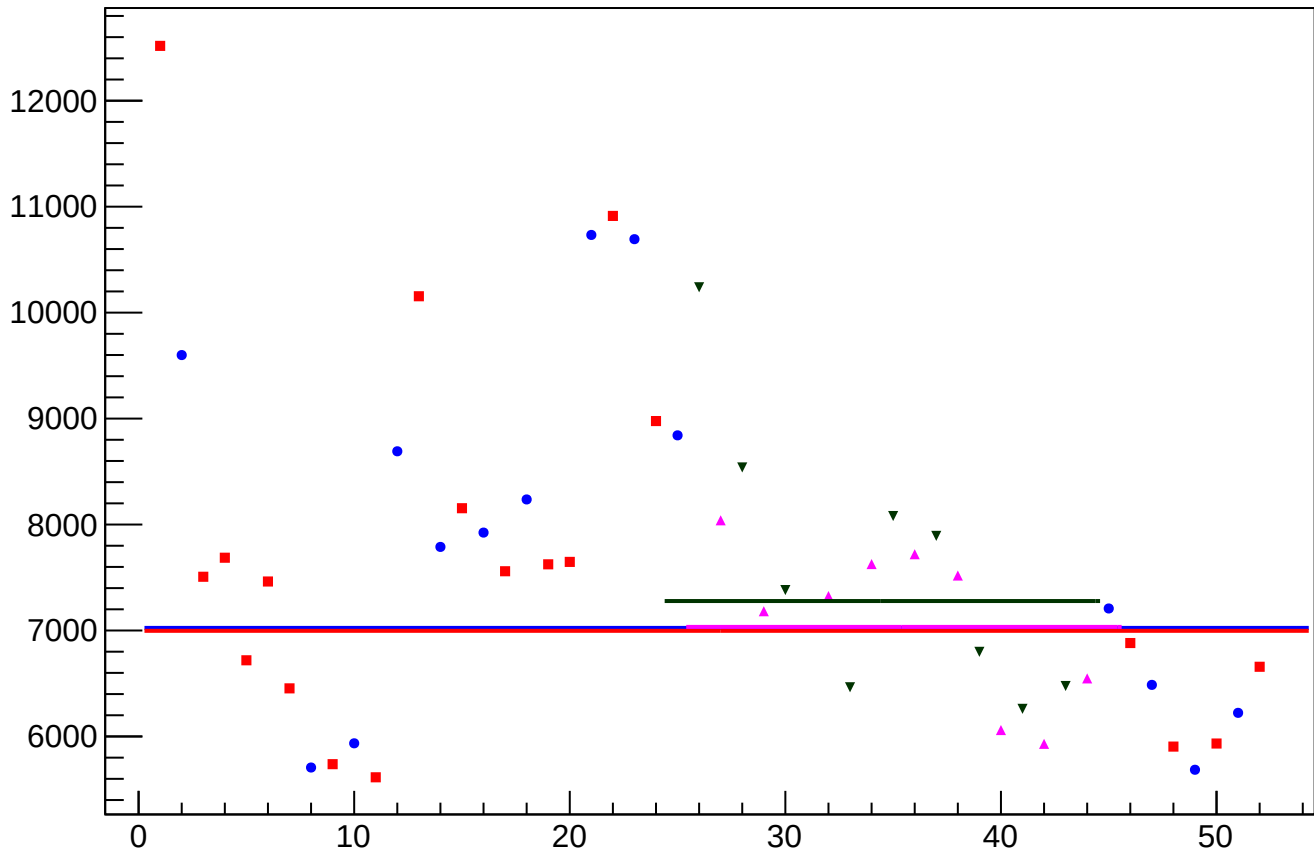
Left Out: 430.700 ± 3340.198 $\chi^2/\text{NDF}: 7.2/8$

Right Out: 7762.083 ± 2369.151 $\chi^2/\text{NDF}: 20.1/18$

Left In: -5364.101 ± 2986.755 $\chi^2/\text{NDF}: 8.9/8$

3038.129 ± 1337.557 $\chi^2/\text{NDF}: 73.9/50$

asym_sam2_correction_rms vs slug



Right In: 7024.547+/-1.671 χ^2 /NDF: 791545.8/13

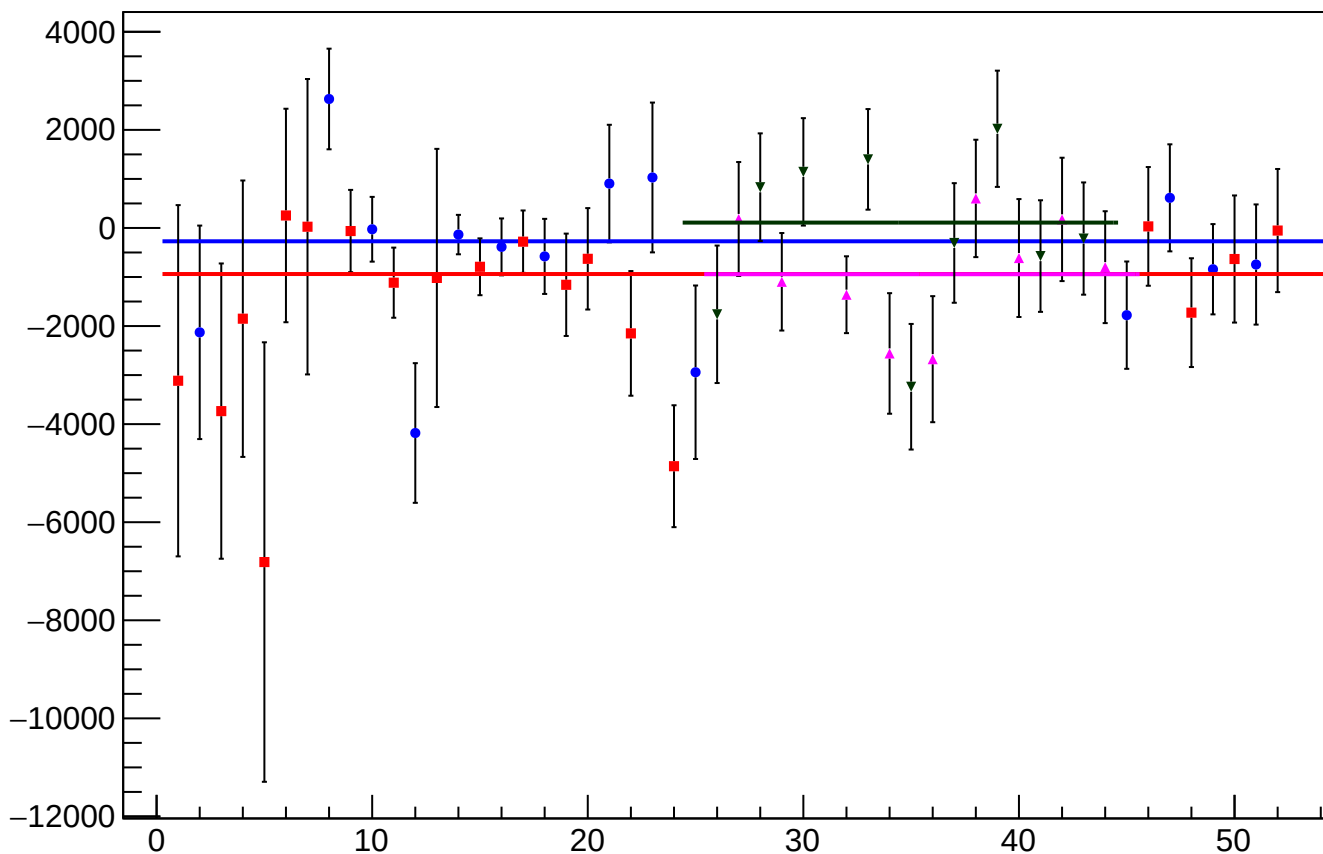
Left Out: 7278.054+/-2.362 χ^2 /NDF:197341.3/8

7058.319+/-0.946 χ^2 /NDF: 1902841.6/50

Right Out: 6996.992+/-1.675 χ^2 /NDF: 787943.4/18

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

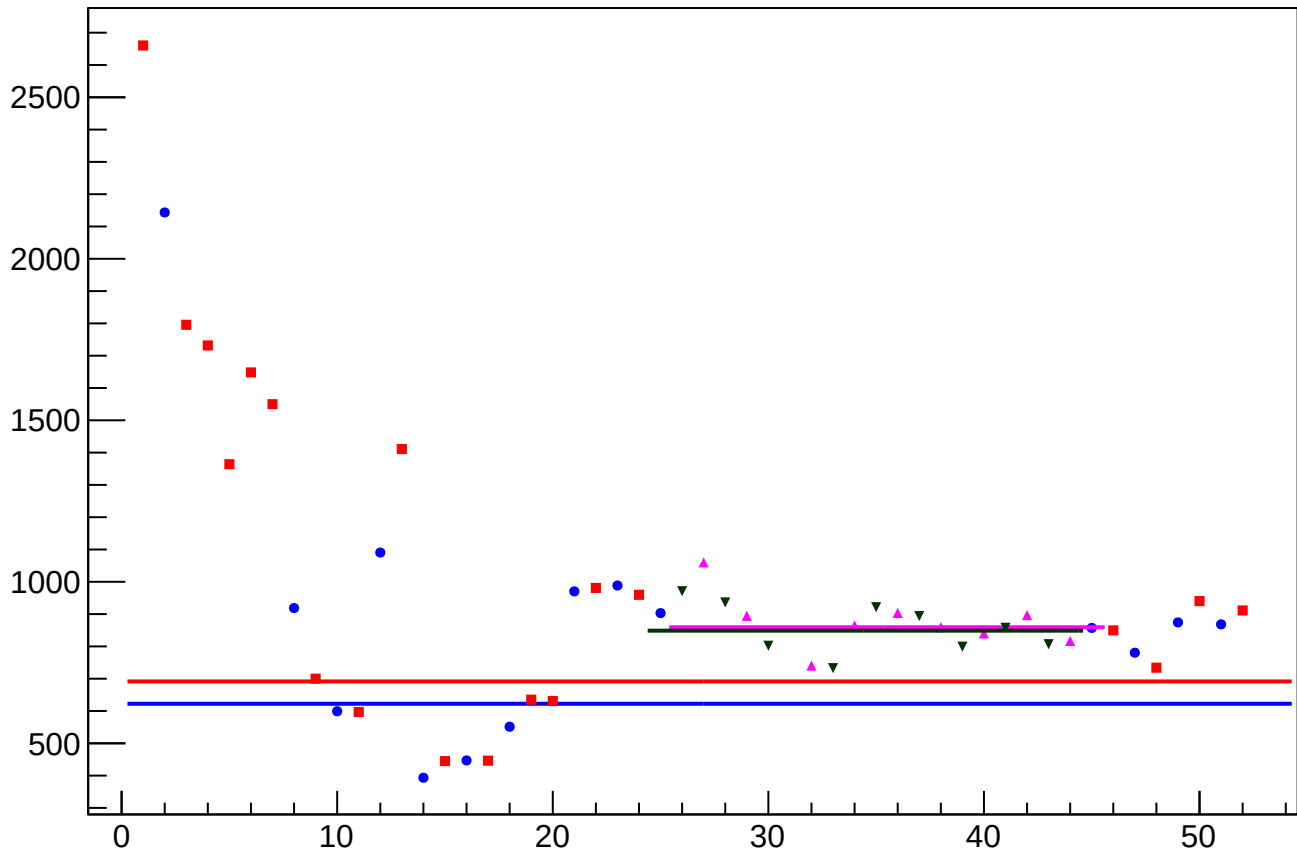
Left Out: 109.468+/-387.723 χ^2/NDF : 14.7/8

Right Out: -939.173+/-253.991 χ^2/NDF : 18.4/18

Left In: -942.699+/-366.632 χ^2/NDF : 7.3/8

-531.023+/-142.326 χ^2/NDF : 72.1/50

reg_asym_sam3_rms vs slug



Right In: 622.439+/-0.159 χ^2/NDF : 2908234.5/13

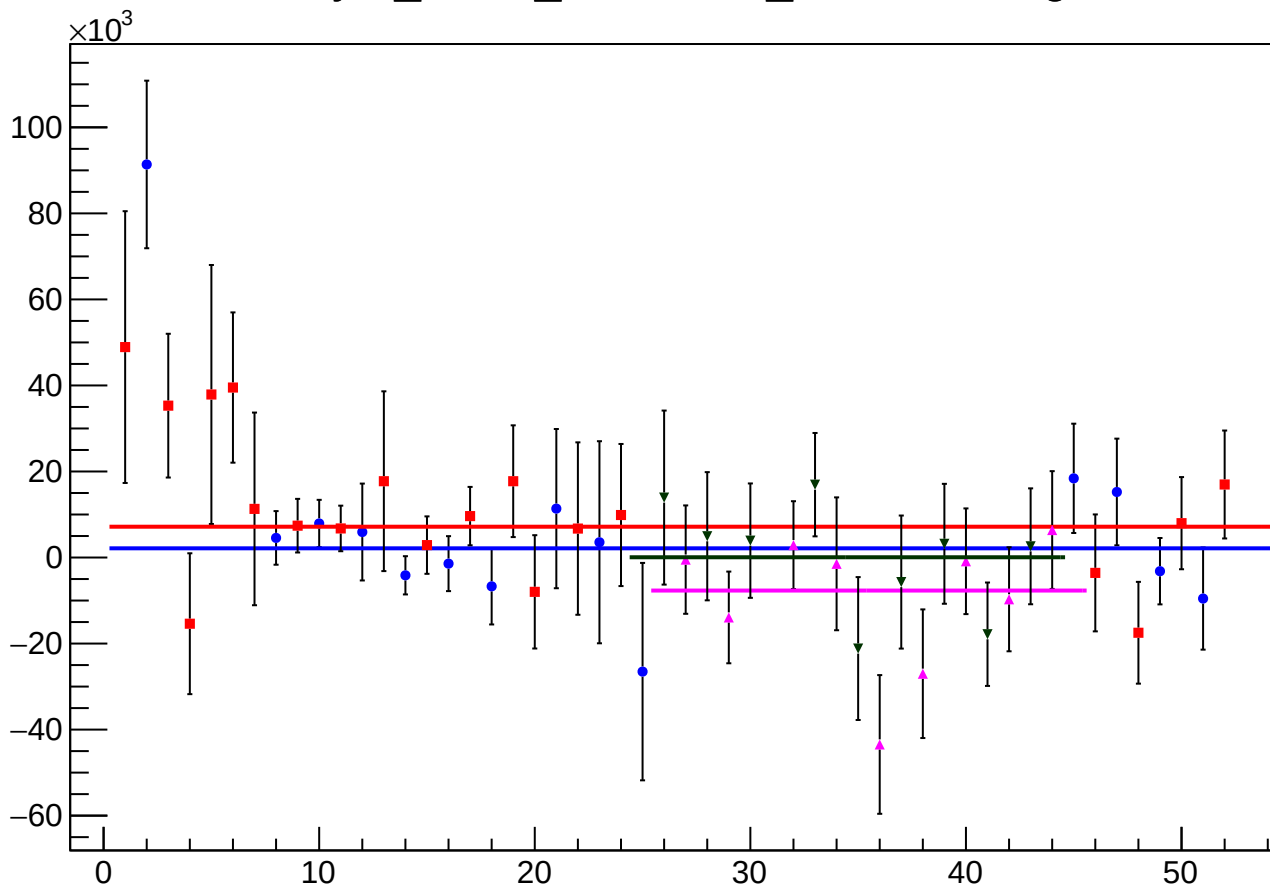
Left Out: 848.692+/-0.274 χ^2/NDF : 72527.0/8

710.314+/-0.101 χ^2/NDF : 6963049.9/50

Right Out: 691.566+/-0.180 χ^2/NDF : 2965647.8/18

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

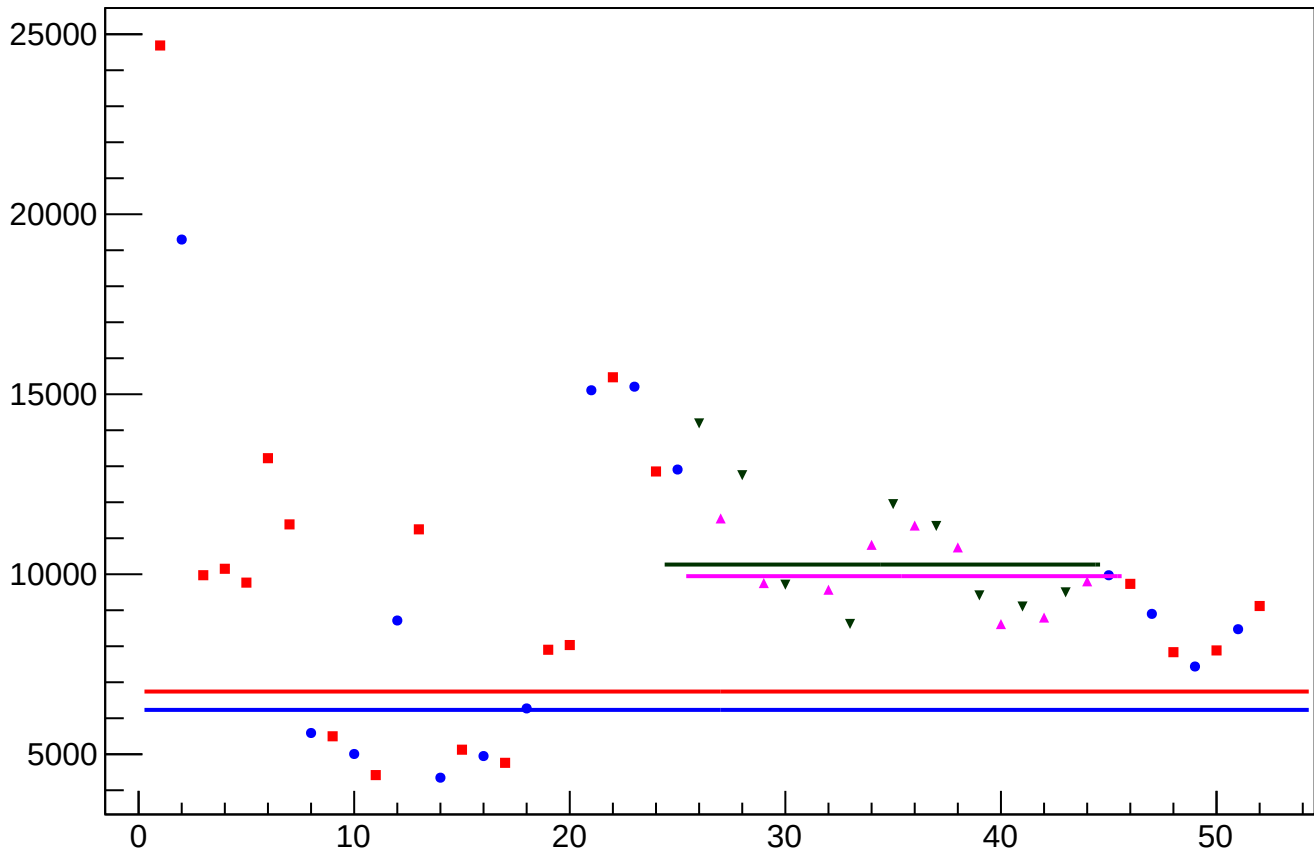
Left Out: 59.920 $\pm$ 4718.227 χ^2 /NDF: 6.7/8

2567.155 $\pm$ 1460.041 χ^2 /NDF: 77.1/50

Right Out: 7162.963 $\pm$ 2439.694 χ^2 /NDF: 19.4/18

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

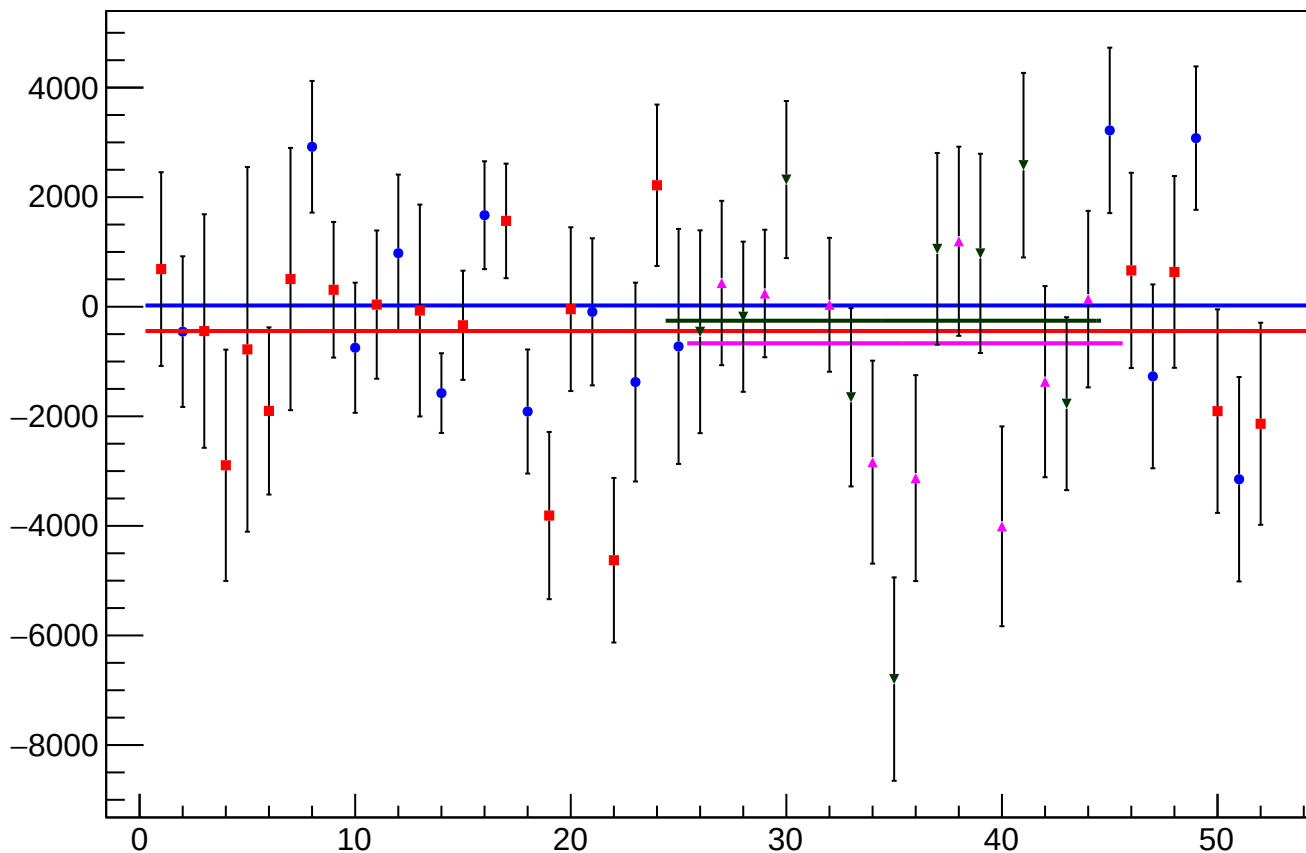
Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8

7244.907+/-1.032 χ^2/NDF : 8240388.0/50

Right Out: 6741.796+/-1.725 χ^2/NDF : 2929836.3/18

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

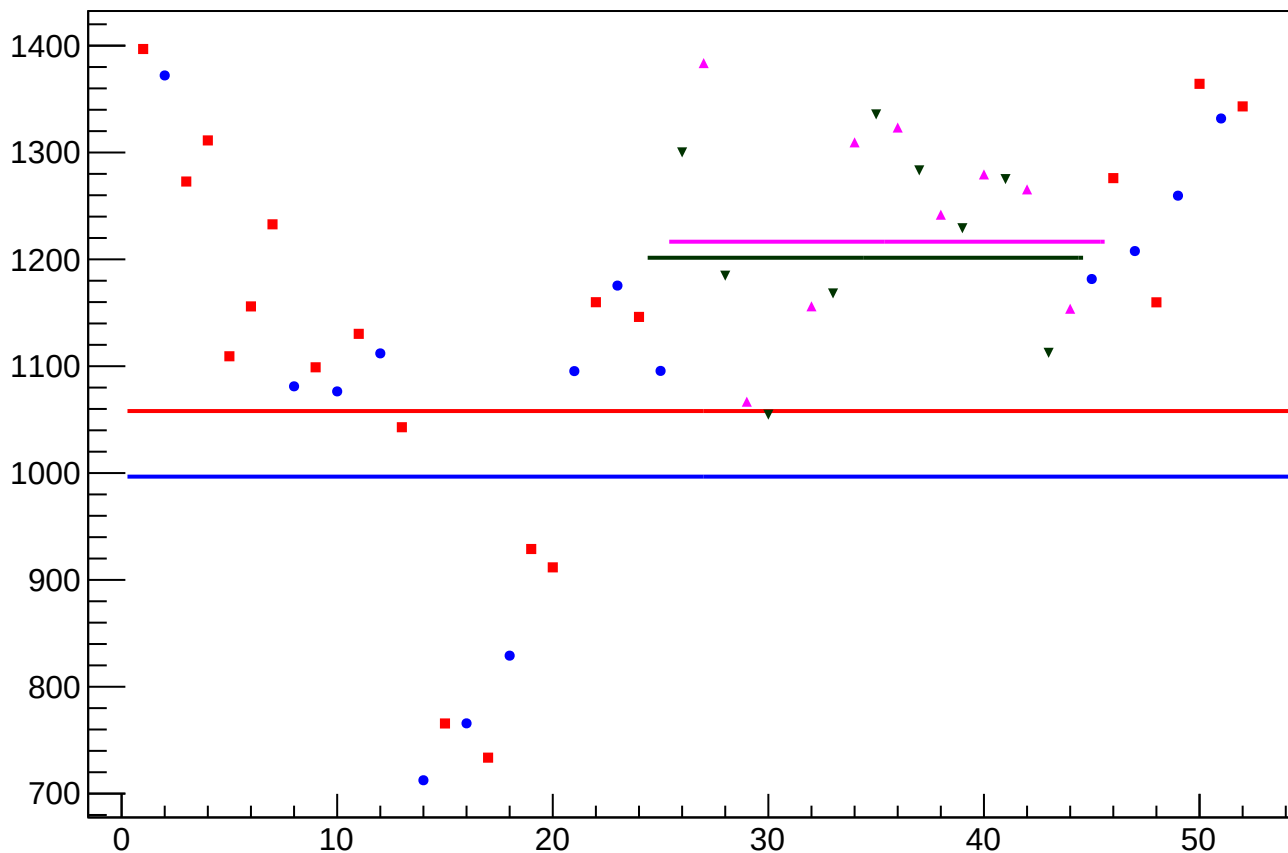
Left Out: -255.316+/-545.443 χ^2/NDF : 21.2/8

Right Out: -442.678+/-356.852 χ^2/NDF : 25.3/18

Left In: -666.576+/-514.516 χ^2/NDF : 9.5/8

-278.700+/-204.764 χ^2/NDF : 89.0/50

reg_asym_sam4_rms vs slug



Right In: 996.660 $\pm$ 0.238 χ^2 /NDF: 881522.0/13

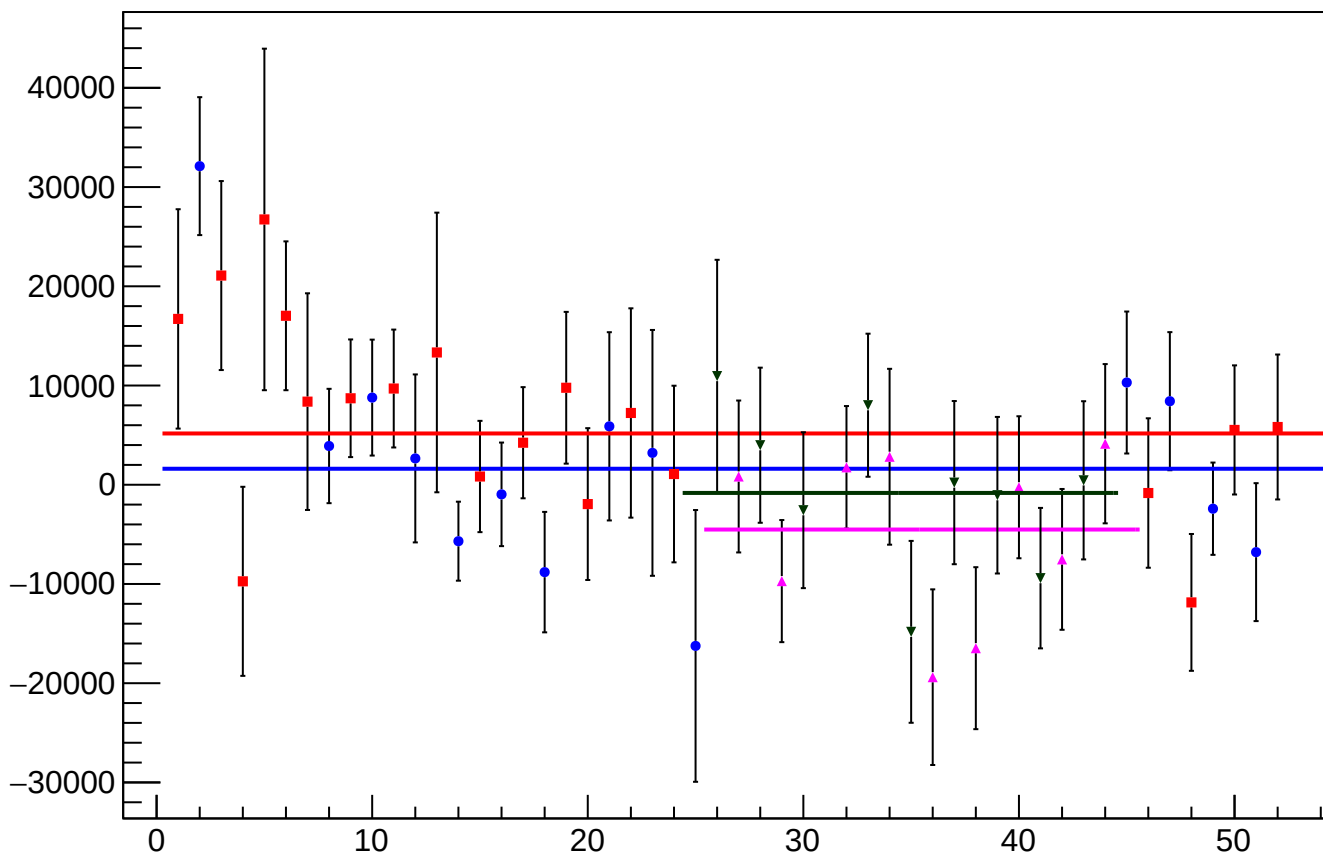
Left Out: 1201.502 $\pm$ 0.386 χ^2 /NDF:53243.4/8

Right Out: 1058.037 $\pm$ 0.252 χ^2 /NDF: 703256.2/18

Left In: 1216.522 $\pm$ 0.364 χ^2 /NDF:81773.0/8

1080.559 $\pm$ 0.145 χ^2 /NDF: 2090469.8/50

asym_sam4_correction_mean vs slug



Right In: 1612.318+/-1687.525 χ^2/NDF : 34.1/13

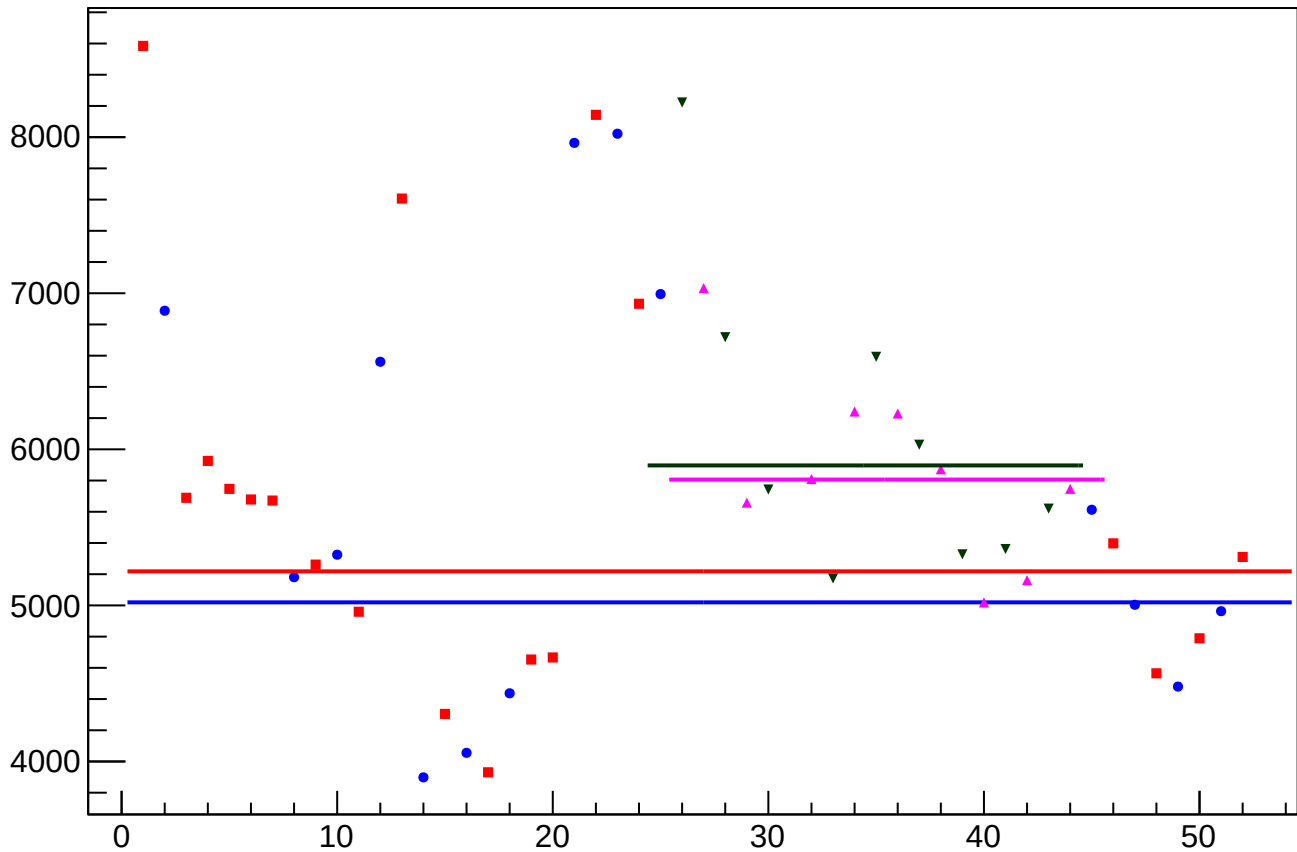
Left Out: -824.542+/-2696.175 χ^2/NDF : 6.8/8

Right Out: 5168.370+/-1761.989 χ^2/NDF : 20.6/18

Left In: -4513.128+/-2460.890 χ^2/NDF : 9.6/8

1406.074+/-1012.248 χ^2/NDF : 82.1/50

asym_sam4_correction_rms vs slug



Right In: 5019.536+/-1.193 χ^2/NDF : 855823.7/13

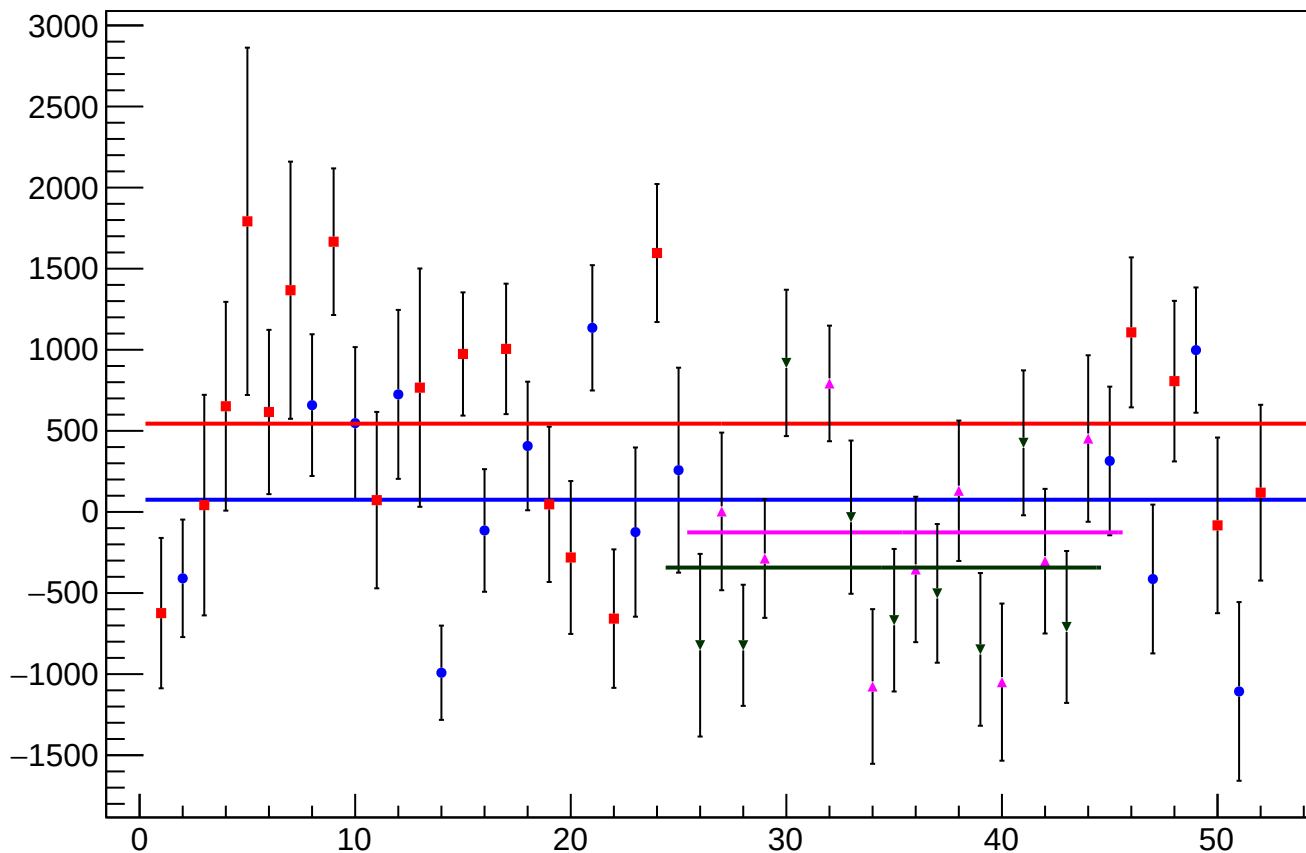
Left Out: 5896.806+/-1.906 χ^2/NDF : 158167.8/8

5341.903+/-0.716 χ^2/NDF : 2067364.5/50

Right Out: 5218.314+/-1.246 χ^2/NDF : 711766.3/18

Left In: 5806.242+/-1.740 χ^2/NDF : 102860.0/8

reg_asym_sam5_mean vs slug



Right In: 75.264+/-112.742 χ^2/NDF : 40.0/13

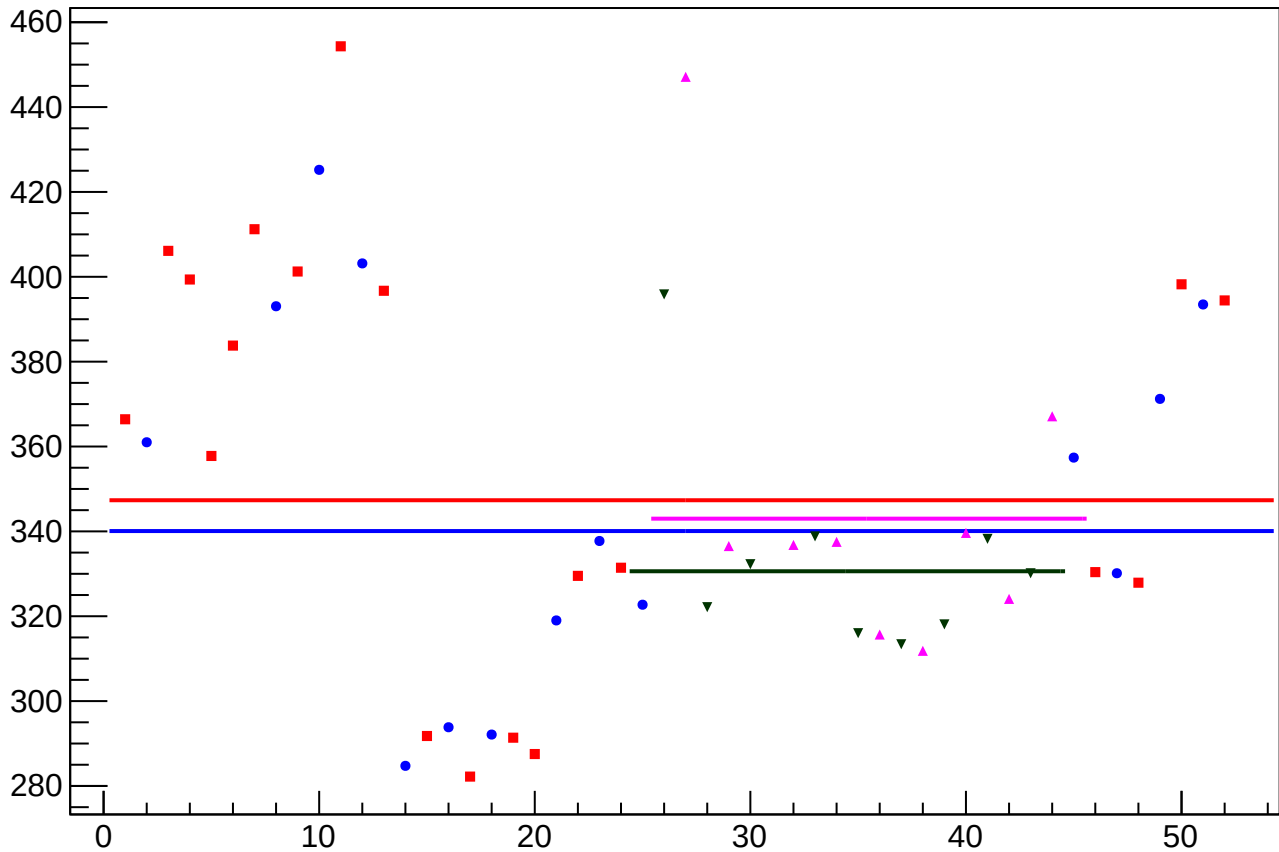
Left Out: -342.981+/-150.000 χ^2/NDF : 16.0/8

Right Out: 544.372+/-116.041 χ^2/NDF : 40.9/18

Left In: -126.114+/-145.287 χ^2/NDF : 16.5/8

102.675+/-63.920 χ^2/NDF : 139.3/50

reg_asym_sam5_rms vs slug



Right In: 340.076+/-0.080 χ^2/NDF : 306094.4/13

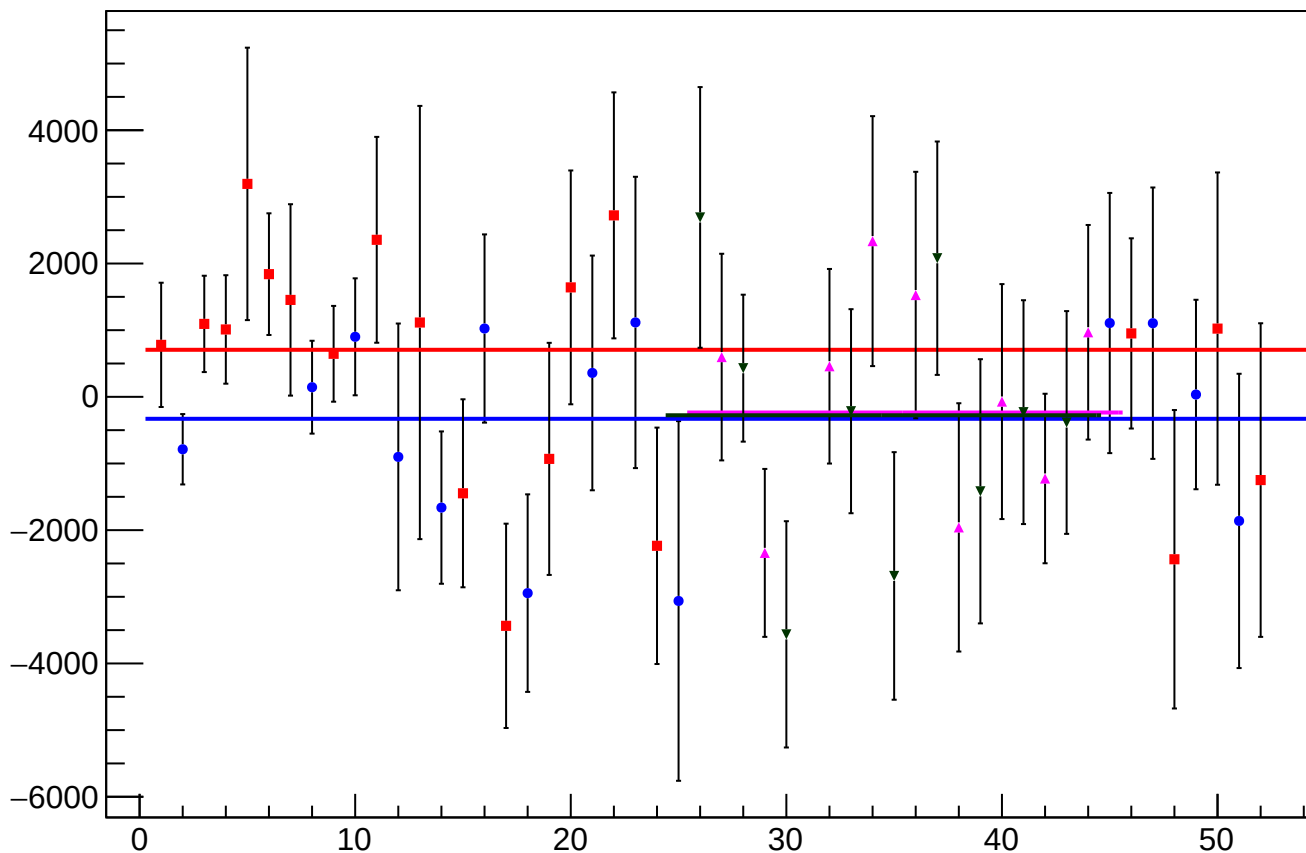
Left Out: 330.601+/-0.106 χ^2/NDF : 35957.8/8

Right Out: 347.338+/-0.082 χ^2/NDF : 369327.5/18

Left In: 342.998+/-0.103 χ^2/NDF : 119222.4/8

341.125+/-0.045 χ^2/NDF : 846685.3/50

asym_sam5_correction_mean vs slug



Right In: -329.613 ± 304.385 $\chi^2/\text{NDF}: 11.9/13$

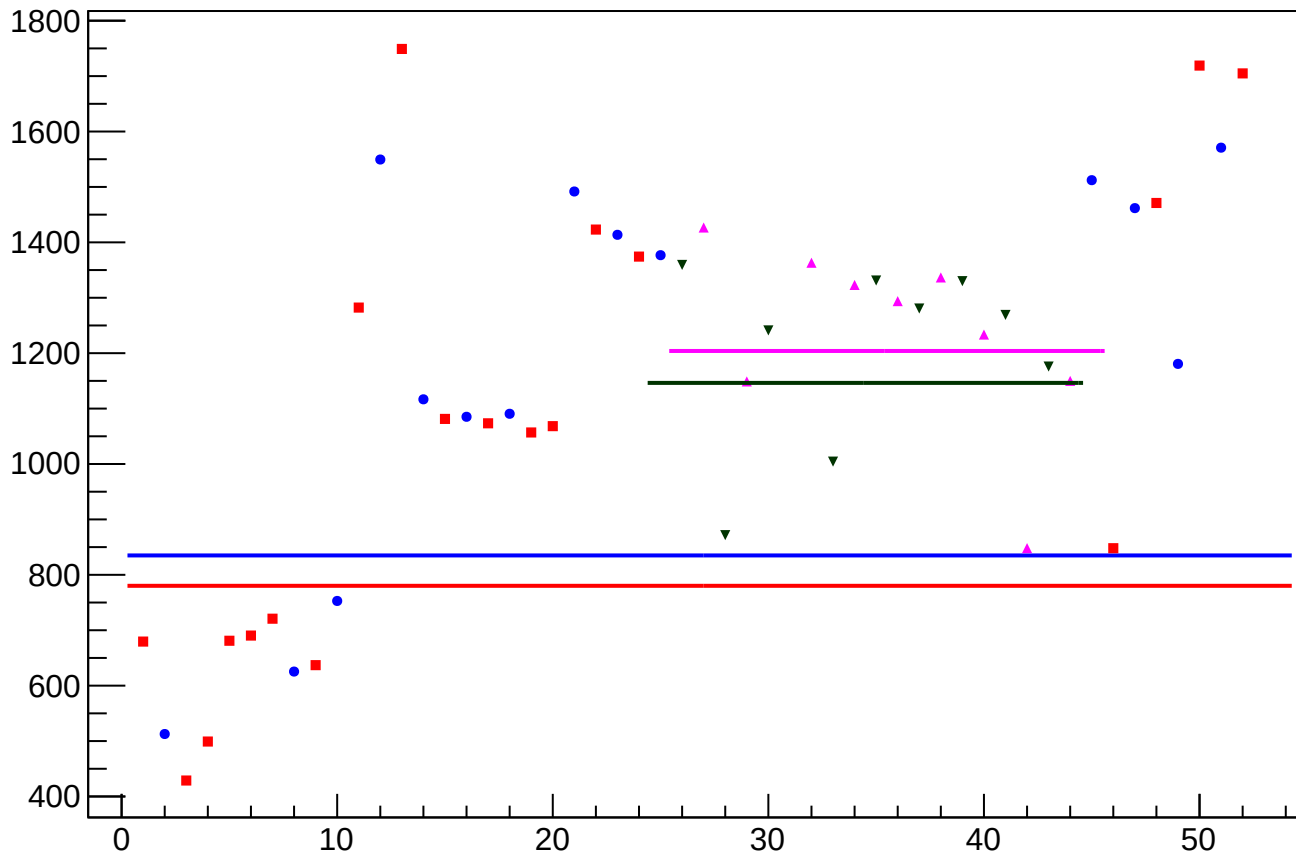
Left Out: -276.488 ± 539.013 $\chi^2/\text{NDF}: 10.3/8$

Right Out: 705.692 ± 286.299 $\chi^2/\text{NDF}: 22.4/18$

Left In: -235.272 ± 519.379 $\chi^2/\text{NDF}: 8.1/8$

107.092 ± 182.143 $\chi^2/\text{NDF}: 60.0/50$

asym_sam5_correction_rms vs slug



Right In: 834.994+/-0.215 χ^2/NDF : 2712702.7/13

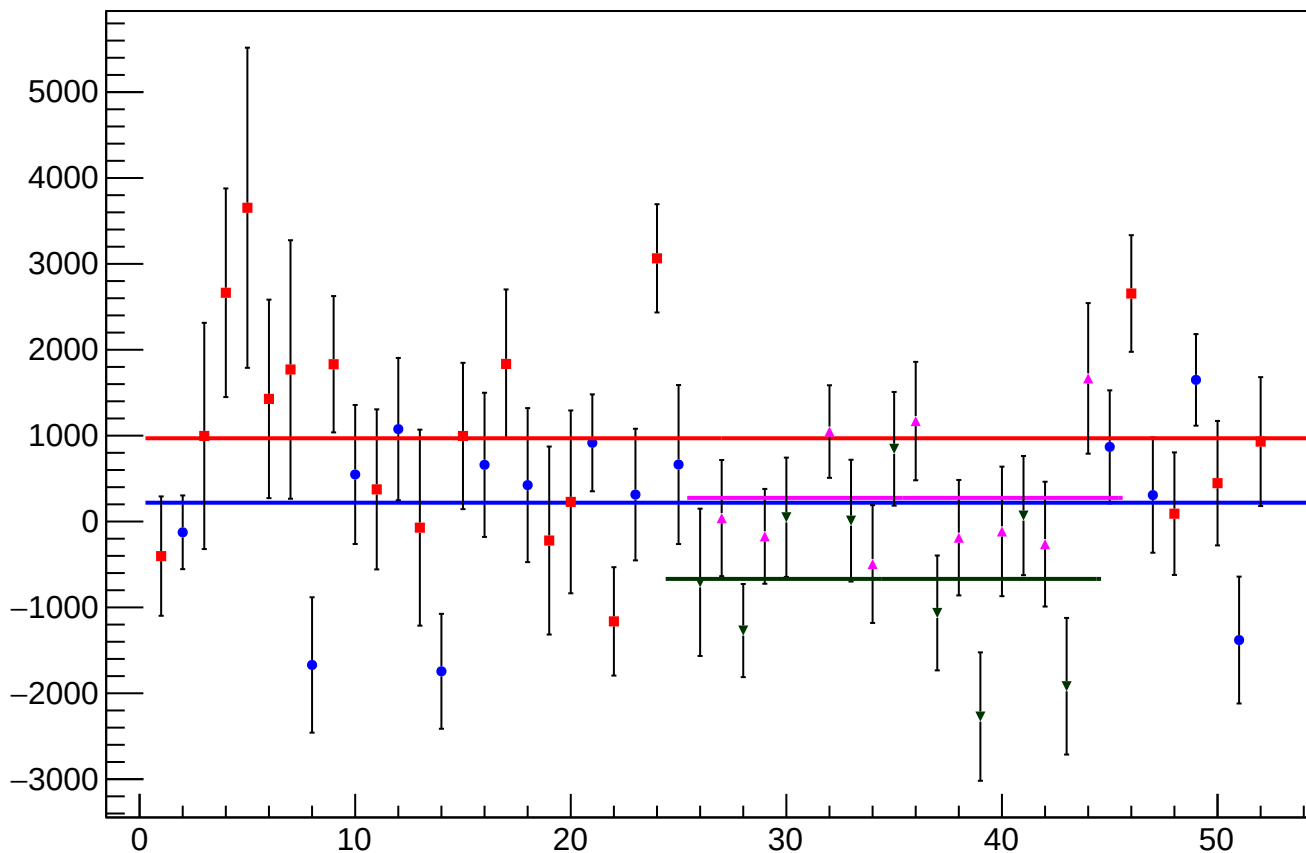
Left Out: 1146.369+/-0.381 χ^2/NDF : 231446.2/8

893.743+/-0.129 χ^2/NDF : 7529717.0/50

Right Out: 780.179+/-0.202 χ^2/NDF : 2792214.0/18

Left In: 1203.975+/-0.367 χ^2/NDF : 251275.8/8

reg_asym_sam6_mean vs slug



Right In: 219.248 $\pm$ 180.157 χ^2 /NDF: 31.2/13

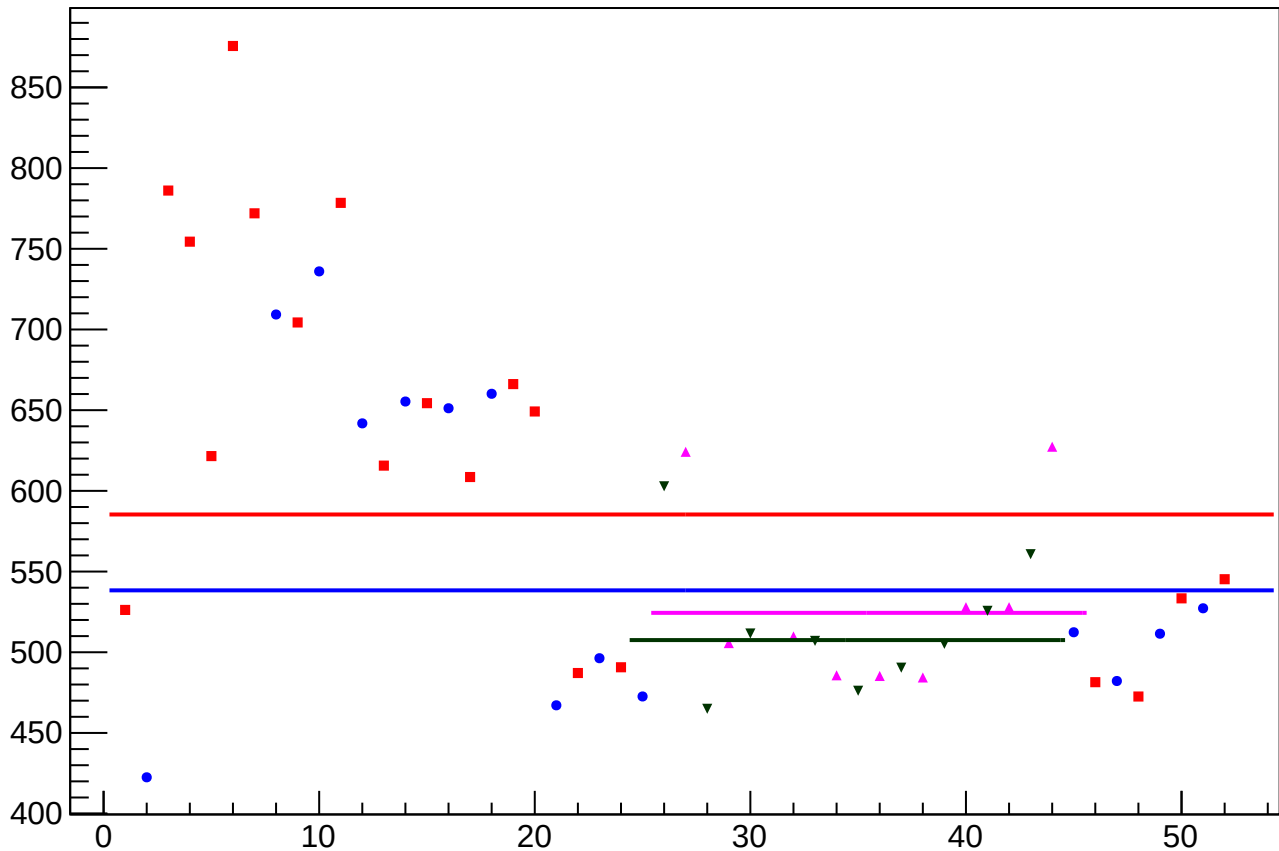
Left Out: -668.141 $\pm$ 230.723 χ^2 /NDF:17.0/8

Right Out: 969.513 $\pm$ 197.743 χ^2 /NDF: 44.1/18

Left In: 275.250 $\pm$ 221.925 χ^2 /NDF:9.6/8

257.526 $\pm$ 102.343 χ^2 /NDF: 131.0/50

reg_asym_sam6_rms vs slug



Right In: 538.351+/-0.127 χ^2/NDF : 595067.3/13

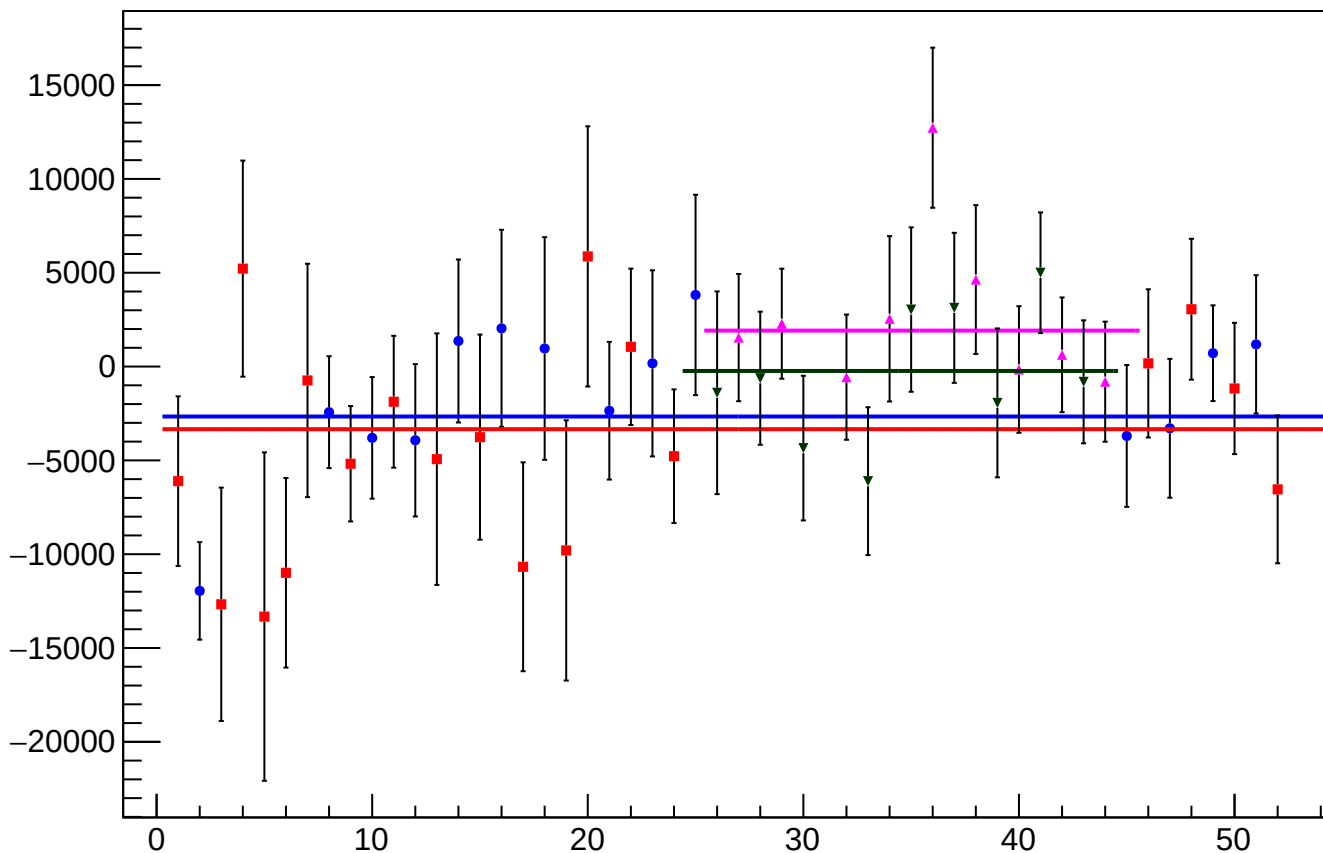
Left Out: 507.540+/-0.163 χ^2/NDF : 53222.5/8

Right Out: 585.365+/-0.140 χ^2/NDF : 628573.2/18

Left In: 524.413+/-0.157 χ^2/NDF : 94852.7/8

541.918+/-0.072 χ^2/NDF : 1525893.5/50

asym_sam6_correction_mean vs slug



Right In: -2662.650+/-973.854 χ^2/NDF : 19.8/13

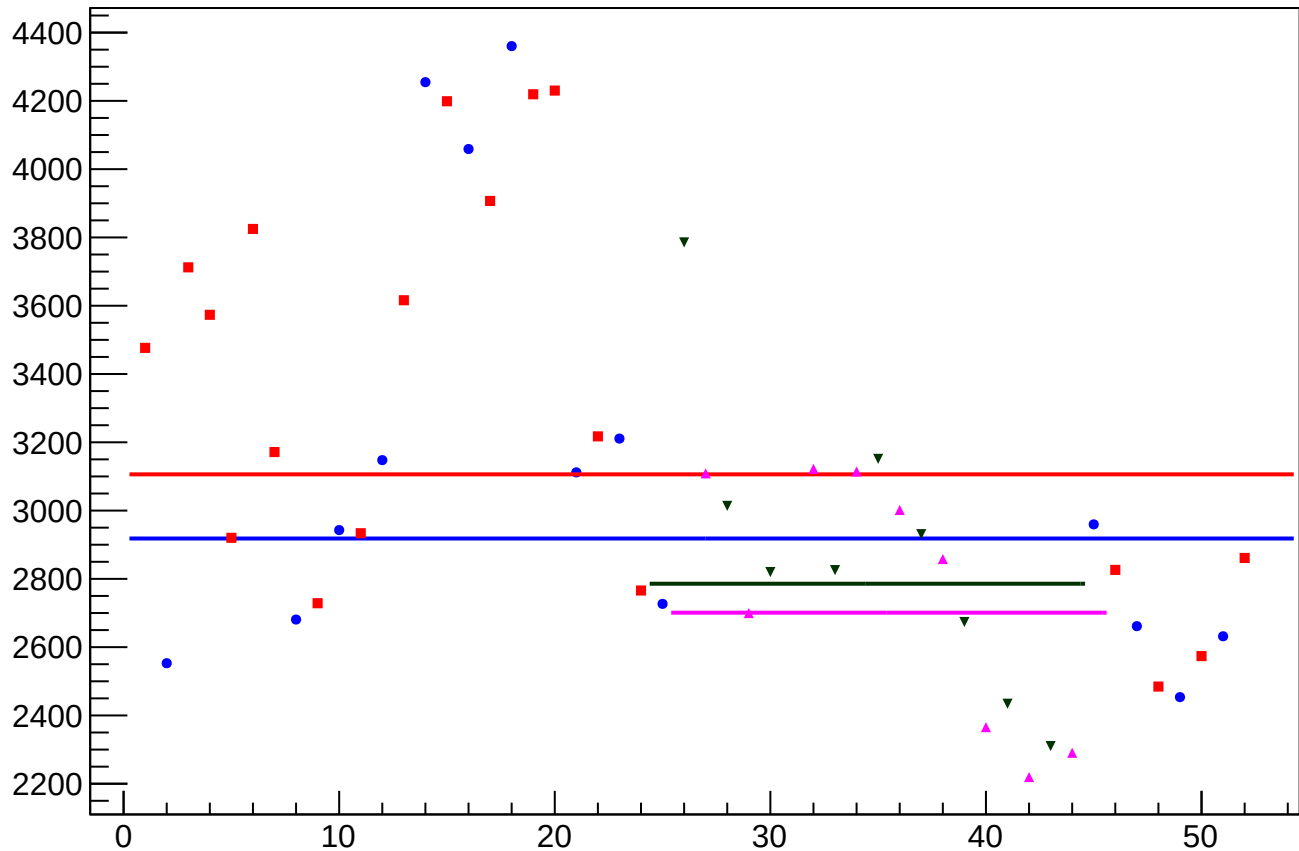
Left Out: -235.020+/-1276.692 χ^2/NDF : 7.5/8

Right Out: -3337.426+/-1044.196 χ^2/NDF : 19.6/18

Left In: 1916.764+/-1150.358 χ^2/NDF : 8.8/8

-1366.212+/-547.114 χ^2/NDF : 70.0/50

asym_sam6_correction_rms vs slug



Right In: 2918.219+/-0.689 χ^2/NDF : 564026.4/13

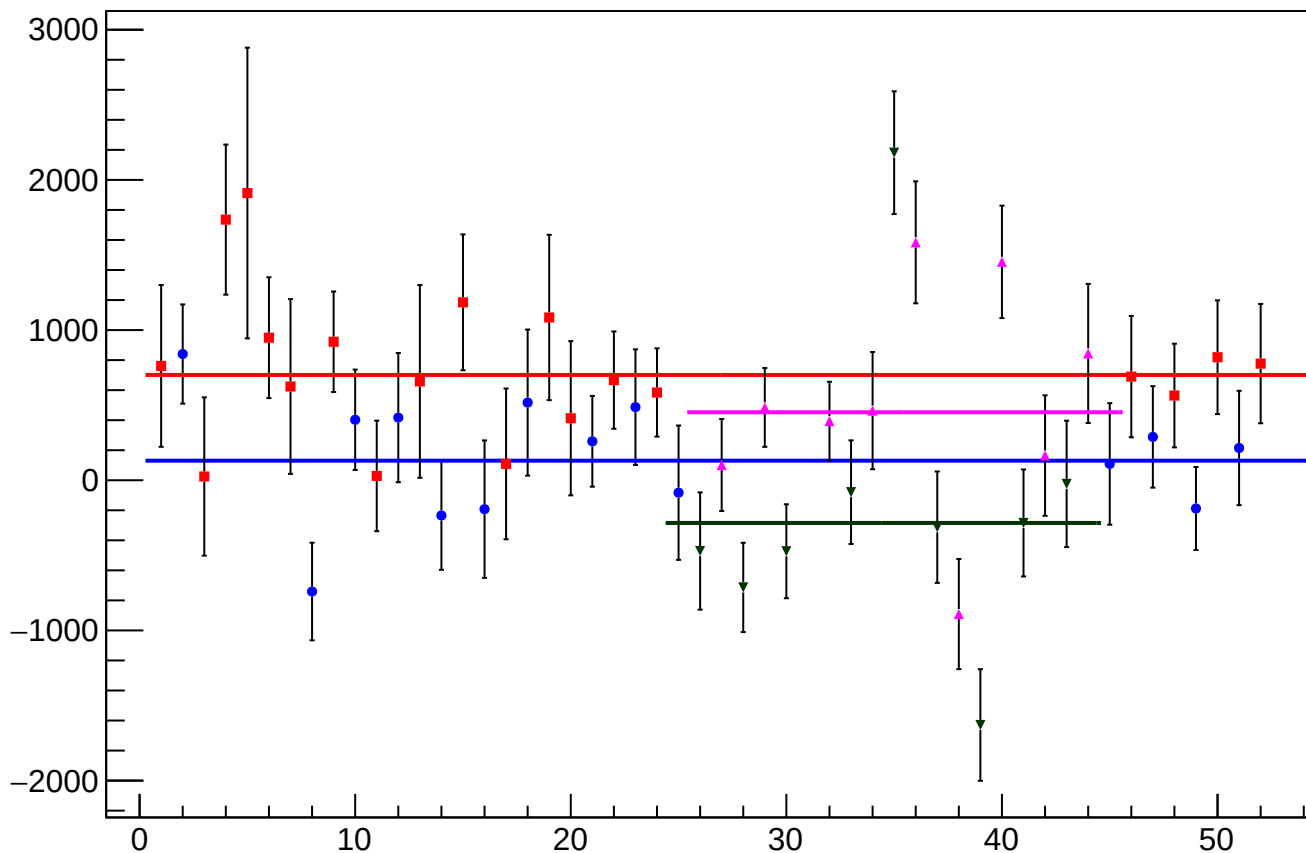
Left Out: 2785.776+/-0.903 χ^2/NDF : 161309.1/8

2896.340+/-0.387 χ^2/NDF : 1571336.8/50

Right Out: 3106.131+/-0.738 χ^2/NDF : 497781.9/18

Left In: 2700.958+/-0.813 χ^2/NDF : 193784.6/8

reg_asym_sam7_mean vs slug



Right In: 130.339 $\pm$ 96.598 χ^2 /NDF: 17.9/13

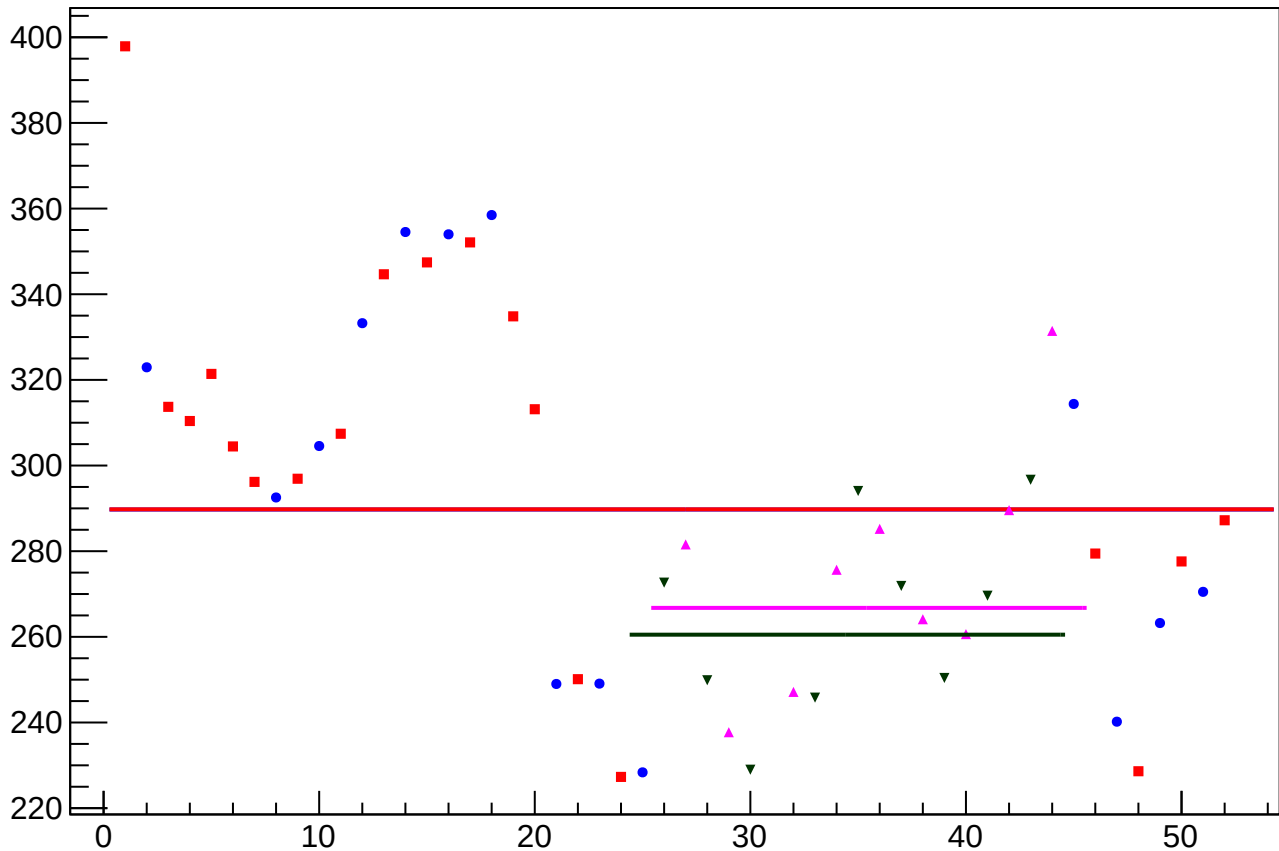
Left Out: -284.306 $\pm$ 119.075 χ^2 /NDF: 52.9/8

Right Out: 701.263 $\pm$ 97.652 χ^2 /NDF: 15.5/18

Left In: 452.715 $\pm$ 113.322 χ^2 /NDF: 31.0/8

284.962 $\pm$ 52.673 χ^2 /NDF: 163.1/50

reg_asym_sam7_rms vs slug



Right In: 289.727 $\pm$ 0.068 χ^2 /NDF: 358488.6/13

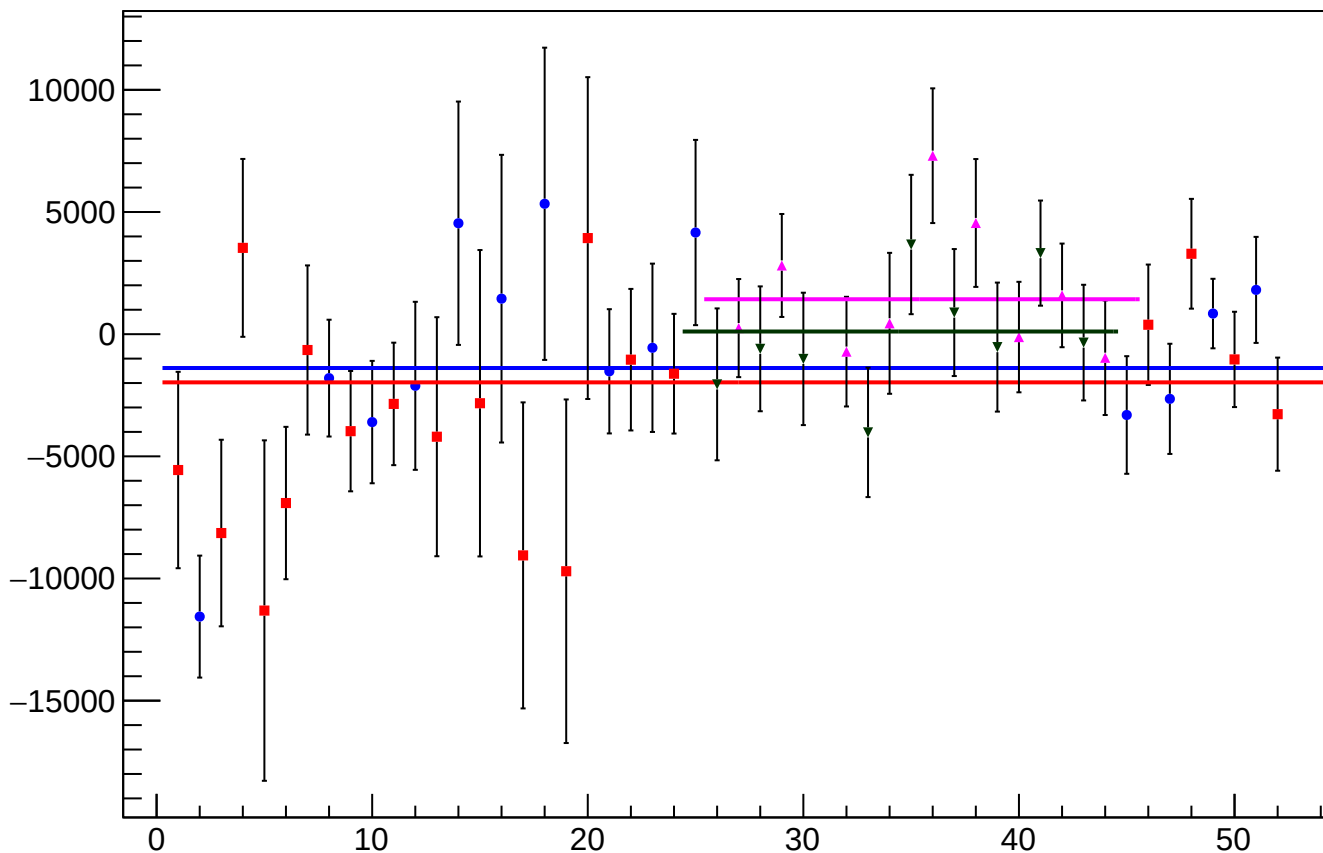
Left Out: 260.507 $\pm$ 0.084 χ^2 /NDF: 61380.6/8

Right Out: 289.775 $\pm$ 0.069 χ^2 /NDF: 380736.1/18

Left In: 266.764 $\pm$ 0.080 χ^2 /NDF: 91725.0/8

279.062 $\pm$ 0.037 χ^2 /NDF: 1012898.7/50

asym_sam7_correction_mean vs slug



Right In: -1384.862+/-697.163 χ^2/NDF : 28.0/13

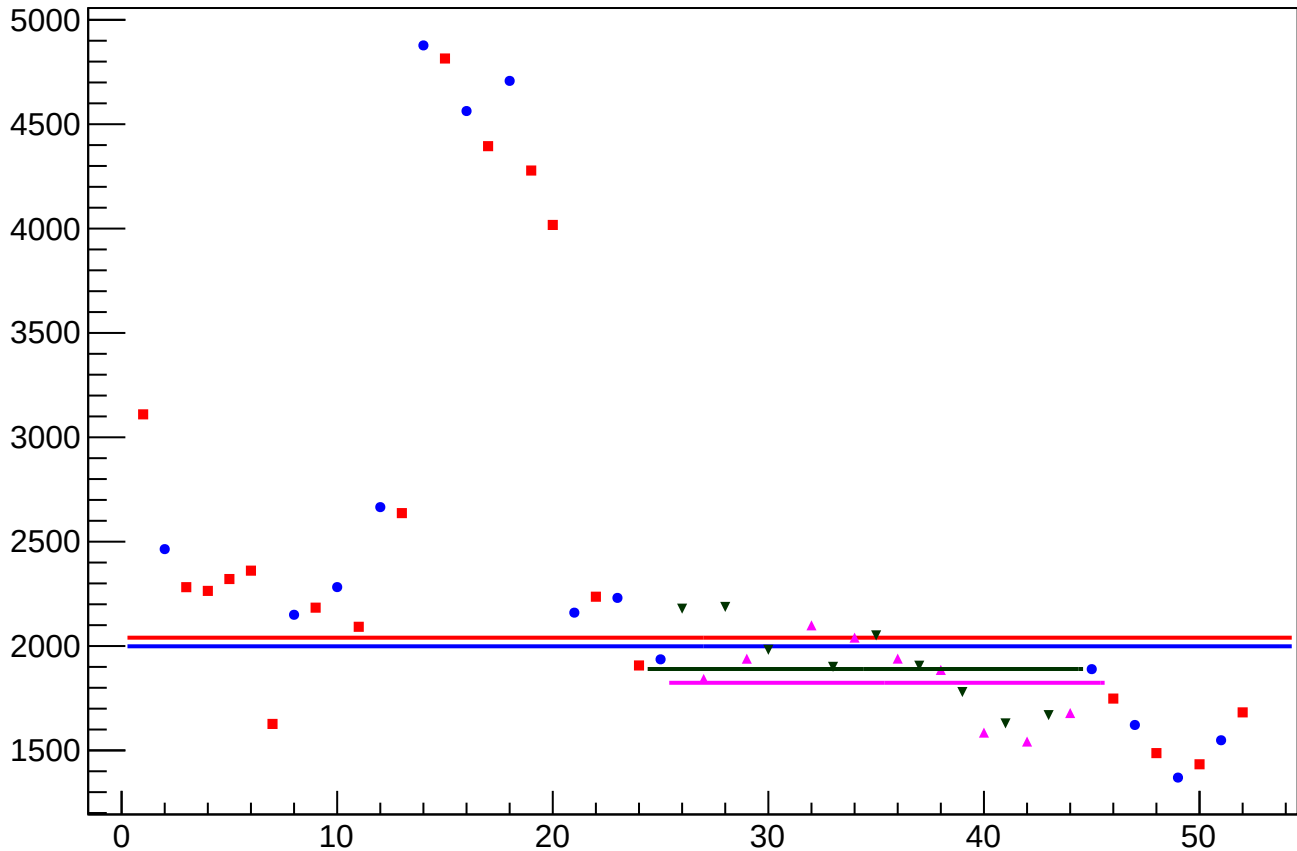
Left Out: 108.894+/-862.435 χ^2/NDF : 7.1/8

Right Out: -1972.419+/-712.273 χ^2/NDF : 21.5/18

Left In: 1429.578+/-773.930 χ^2/NDF : 9.3/8

-596.939+/-376.821 χ^2/NDF : 78.5/50

asym_sam7_correction_rms vs slug



Right In: 1998.720 ± 0.493 χ^2/NDF : 2140357.2/13

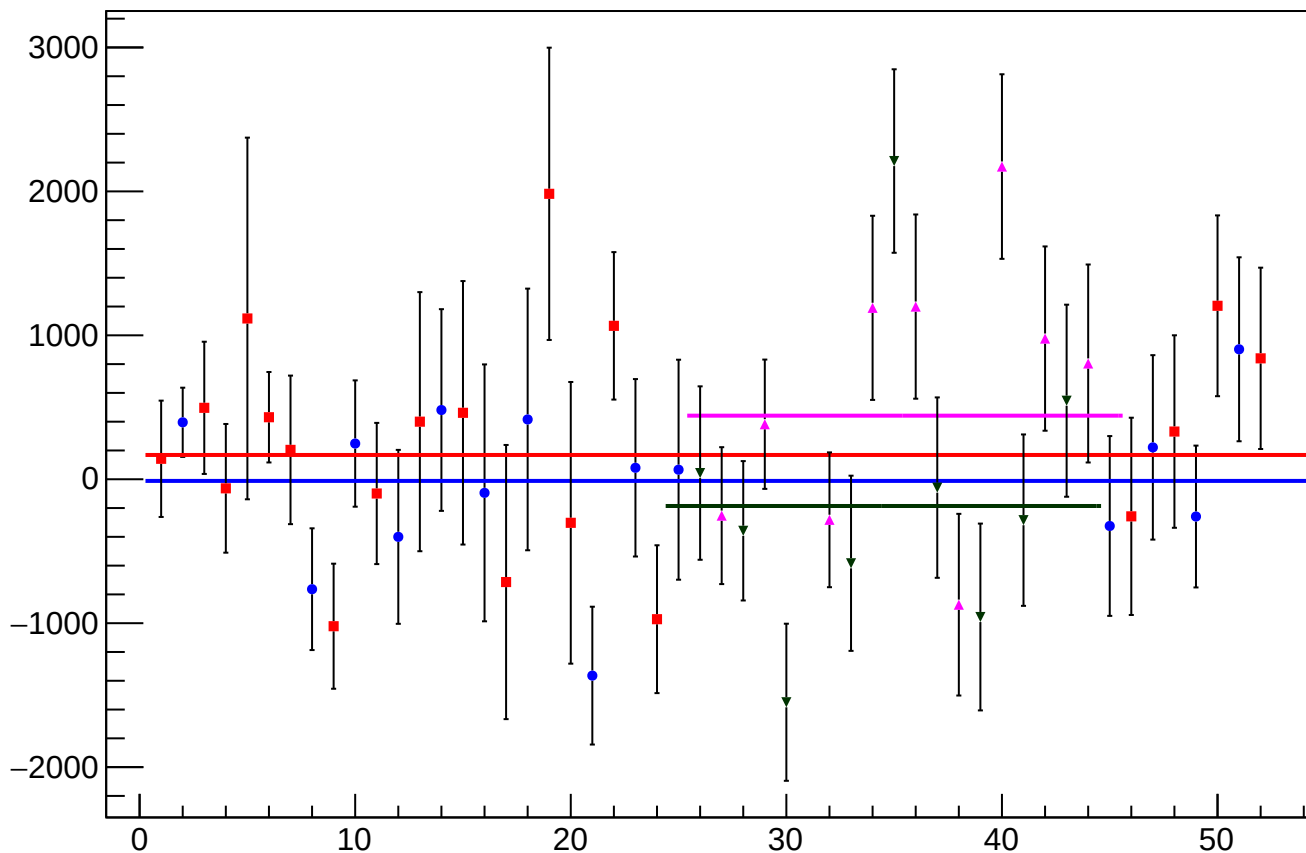
Left Out: 1889.978 ± 0.610 χ^2/NDF : 103461.4/8

1948.078 ± 0.266 χ^2/NDF : 4176124.1/50

Right Out: 2040.019 ± 0.504 χ^2/NDF : 1710558.0/18

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

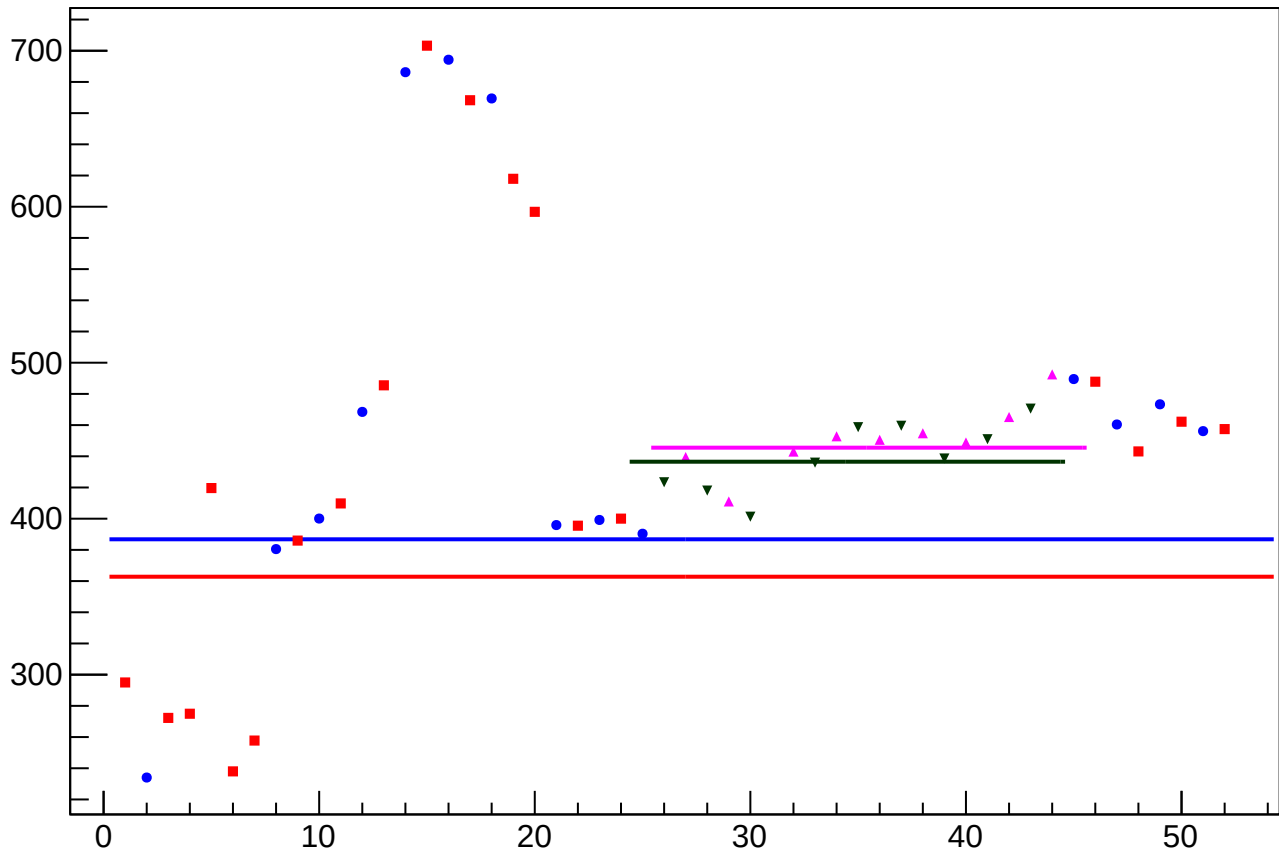
Left Out: -185.734 ± 197.924 χ^2/NDF : 23.8/8

Right Out: 168.780 ± 126.587 χ^2/NDF : 26.6/18

Left In: 441.886 ± 187.906 χ^2/NDF : 19.9/8

102.801 ± 76.280 χ^2/NDF : 94.9/50

reg_asym_sam8_rms vs slug



Right In: 386.786+/-0.095 χ^2/NDF : 1809734.5/13

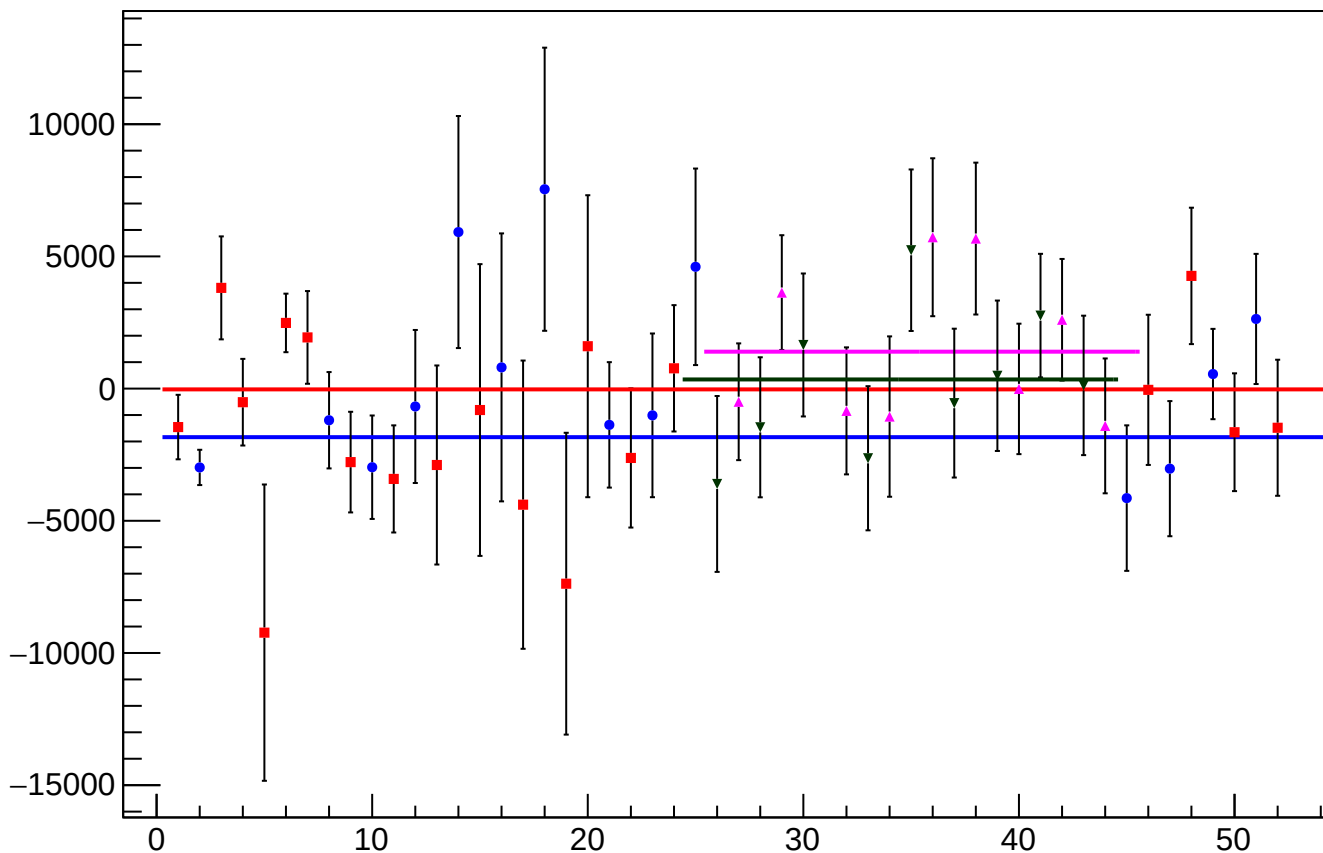
Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

395.146+/-0.054 χ^2/NDF : 3834466.9/50

Right Out: 362.801+/-0.090 χ^2/NDF : 1607165.6/18

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

asym_sam8_correction_mean vs slug



Right In: -1836.860 ± 487.905 $\chi^2/\text{NDF}: 19.3/13$

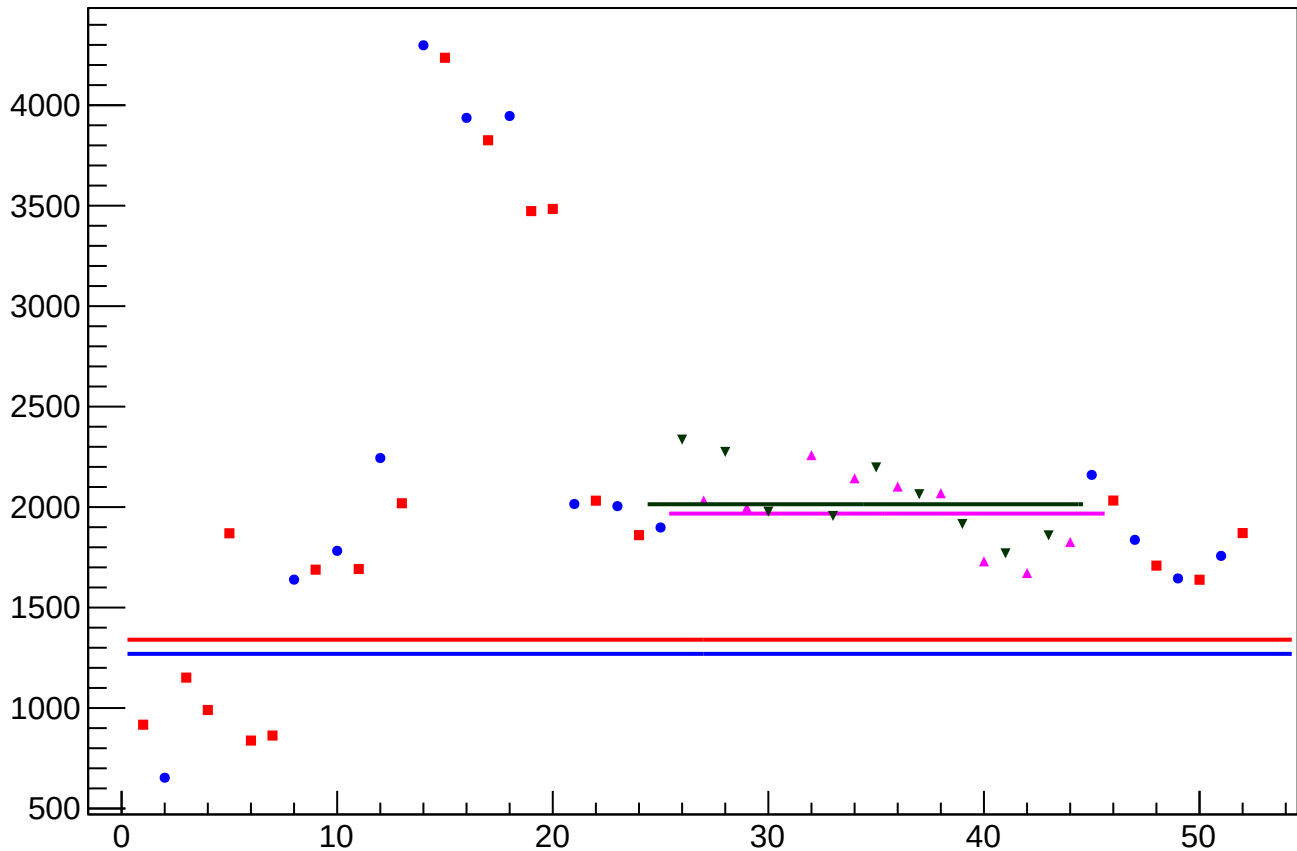
Left Out: 345.867 ± 917.400 $\chi^2/\text{NDF}: 7.0/8$

Right Out: -29.988 ± 491.134 $\chi^2/\text{NDF}: 27.0/18$

Left In: 1396.281 ± 833.383 $\chi^2/\text{NDF}: 9.5/8$

-493.799 ± 301.861 $\chi^2/\text{NDF}: 77.3/50$

asym_sam8_correction_rms vs slug



Right In: 1269.629+/-0.345 χ^2 /NDF: 5009592.8/13

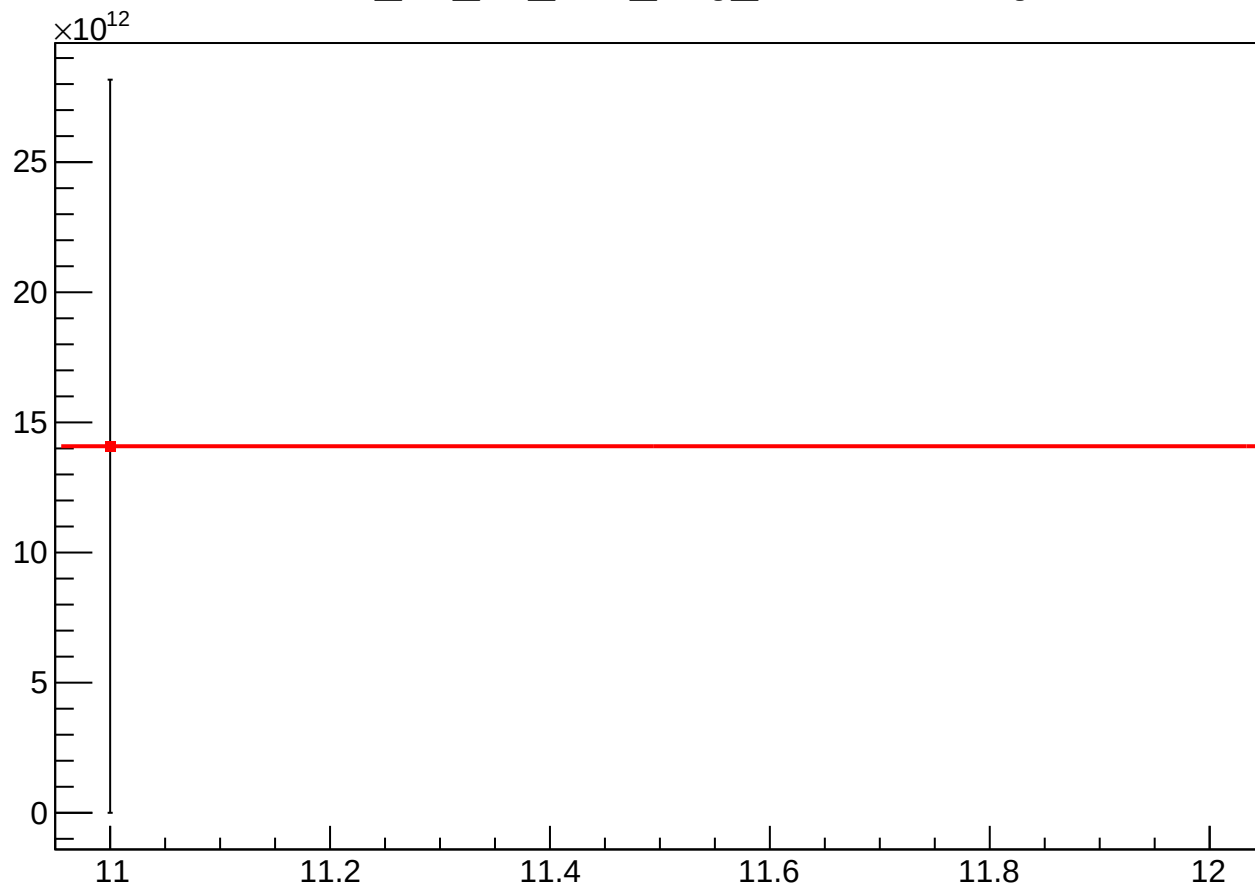
Left Out: 2014.180+/-0.649 χ^2 /NDF: 78312.3/8

1468.426+/-0.213 χ^2 /NDF: 10245499.5/50

Right Out: 1340.085+/-0.347 χ^2 /NDF: 3161253.8/18

Left In: 1967.588+/-0.589 χ^2 /NDF: 102441.7/8

bcm_an_us_ds3_avg_mean vs slug



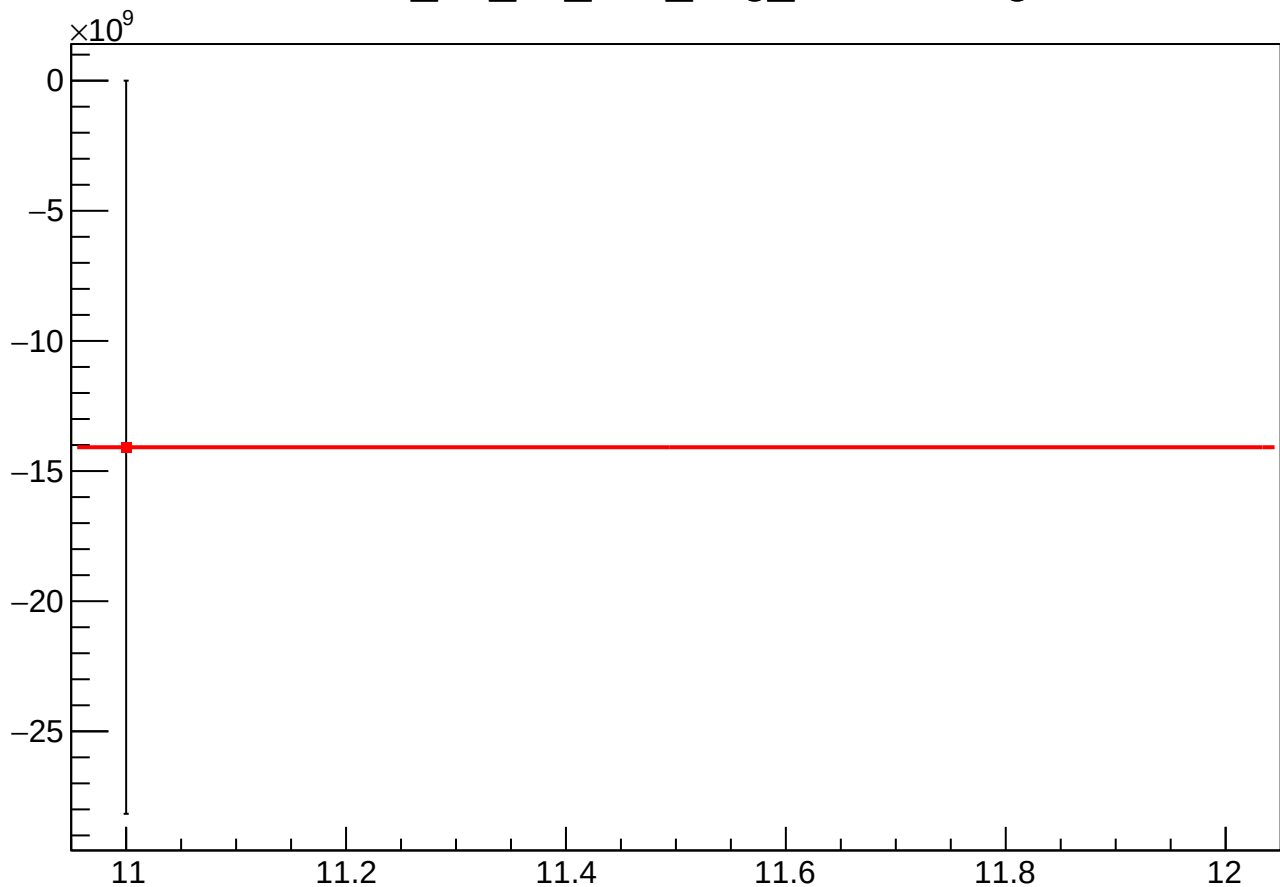
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



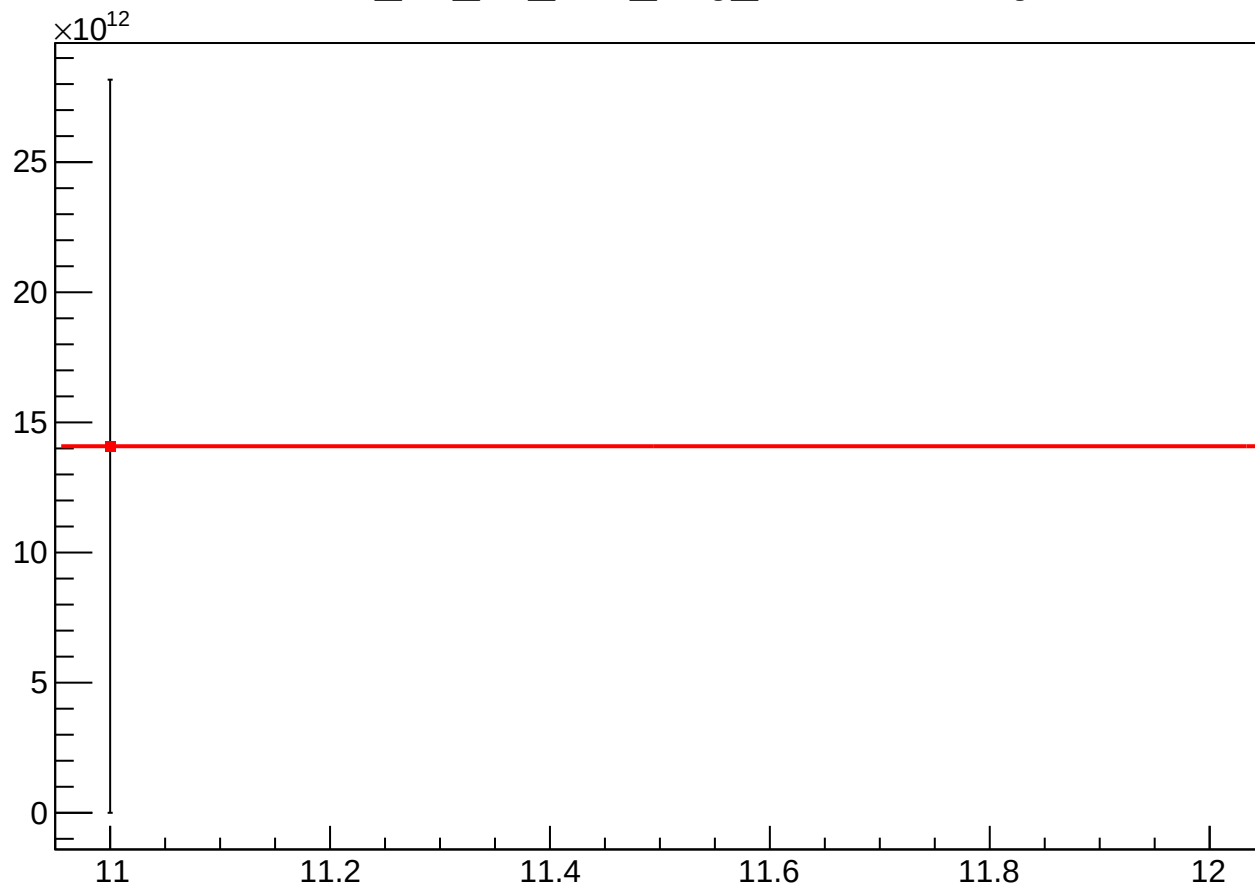
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



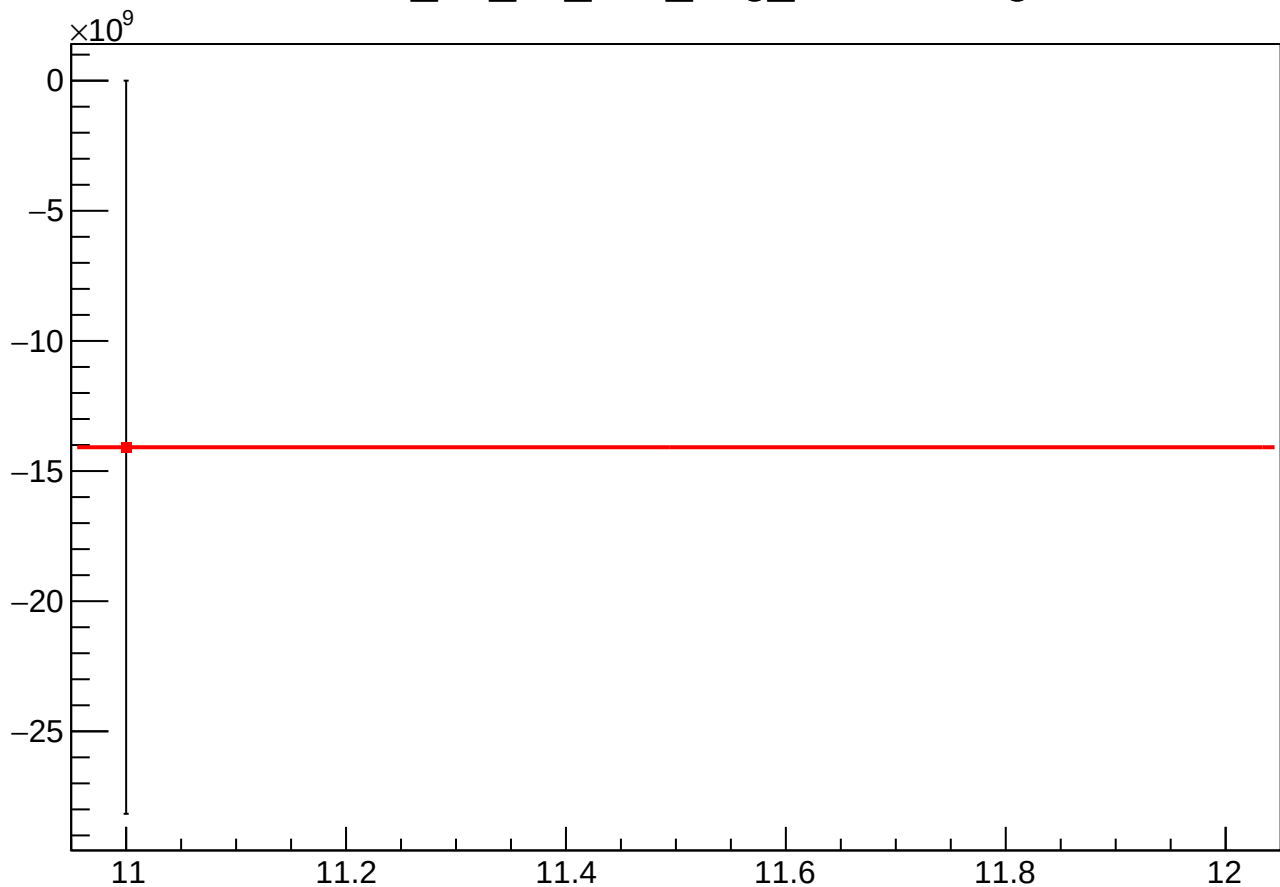
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_ds_ds3_avg_rms vs slug



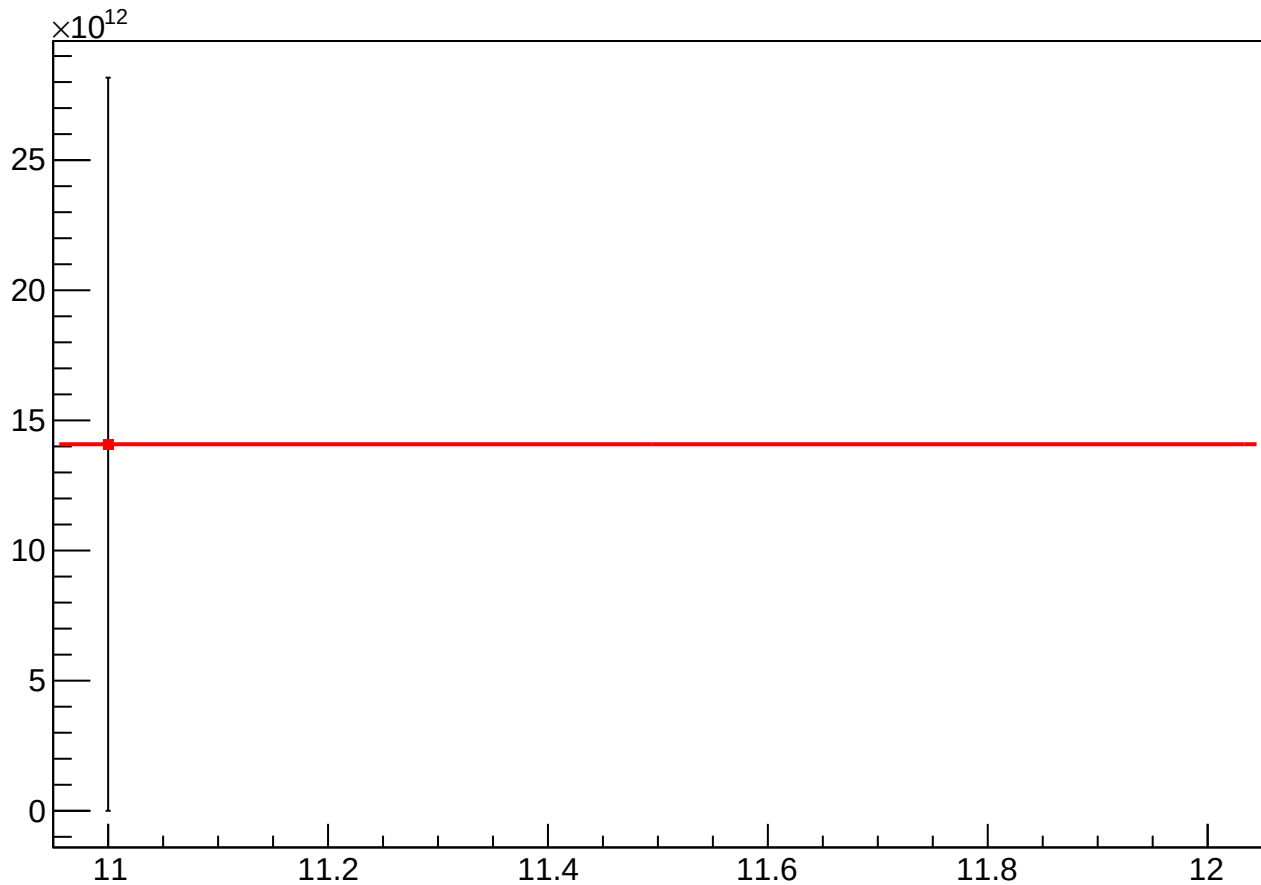
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



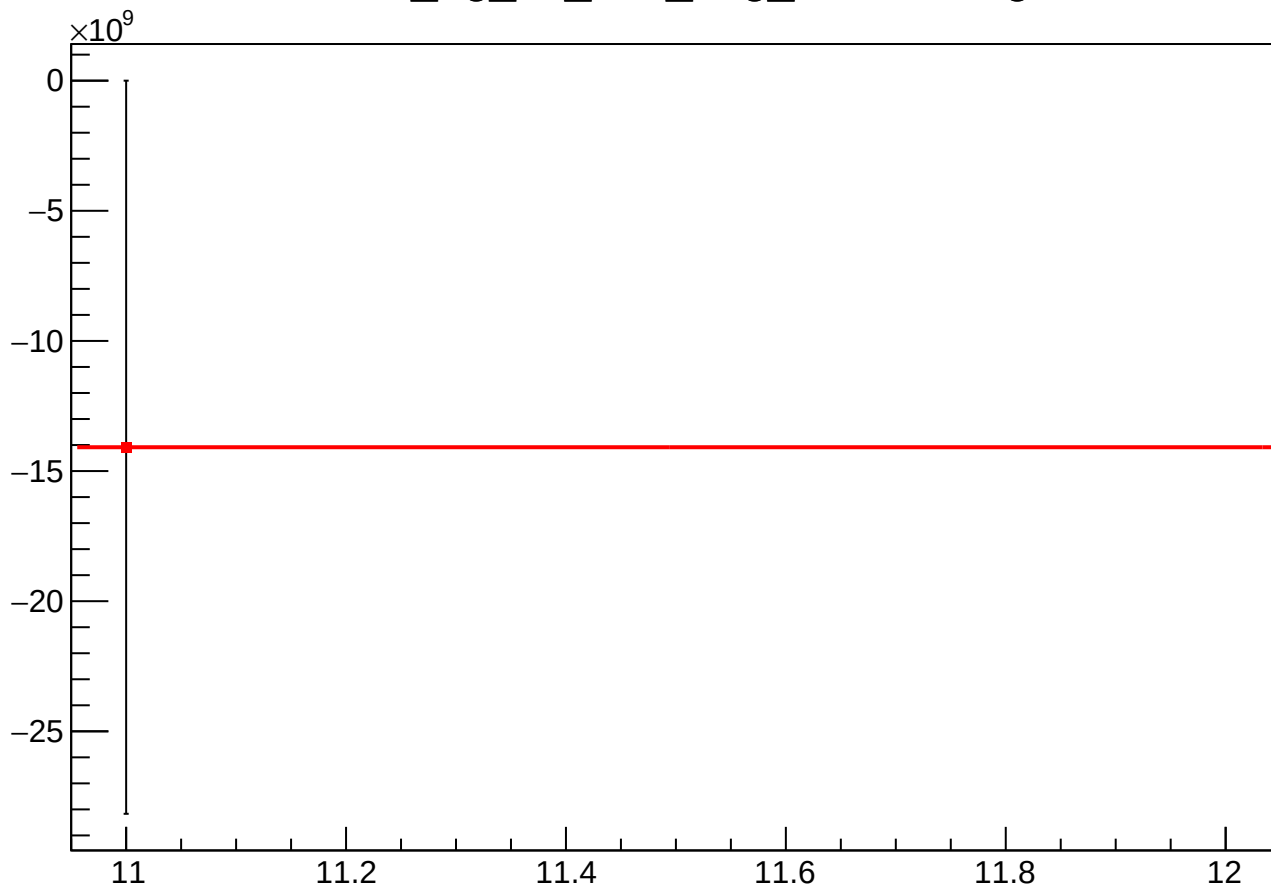
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_dg_us_ds3_avg_rms vs slug



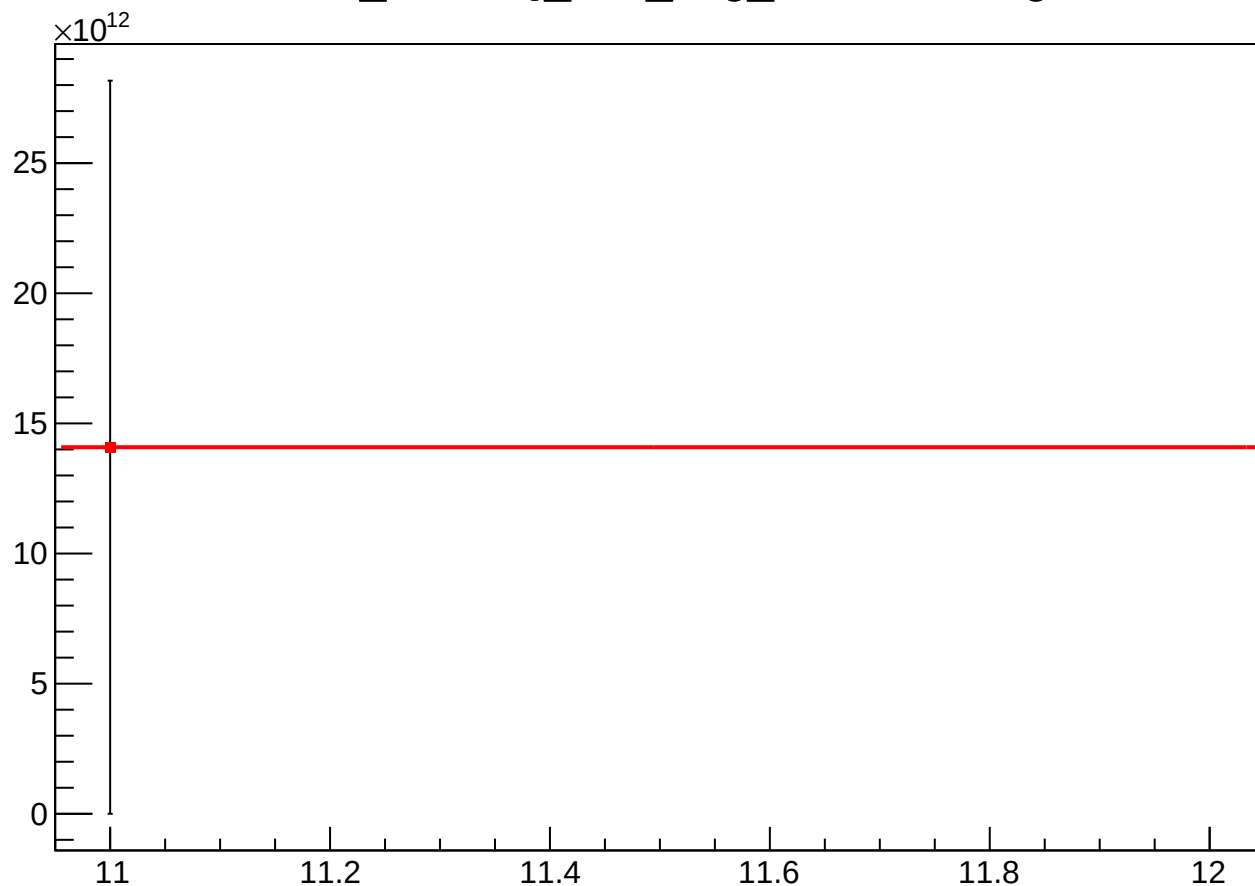
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



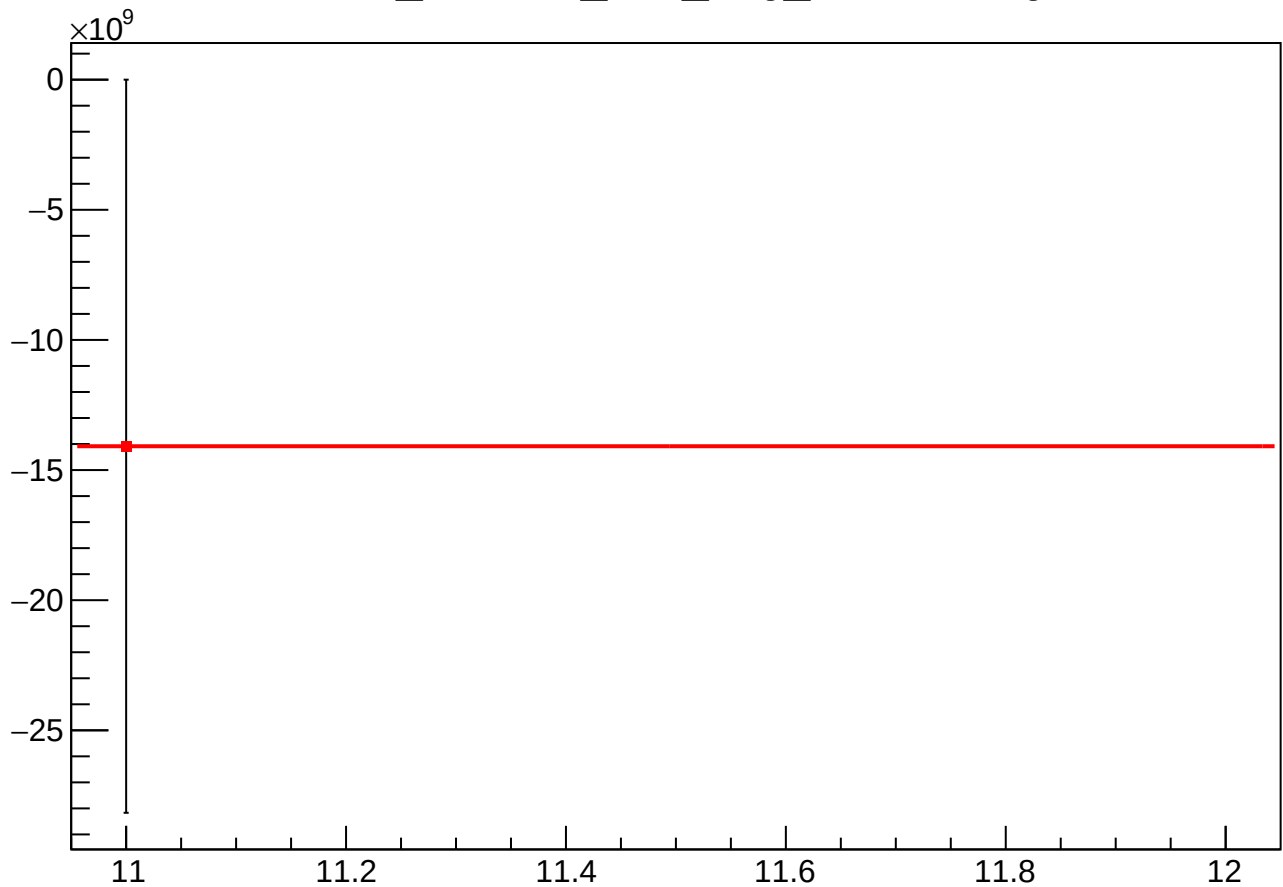
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



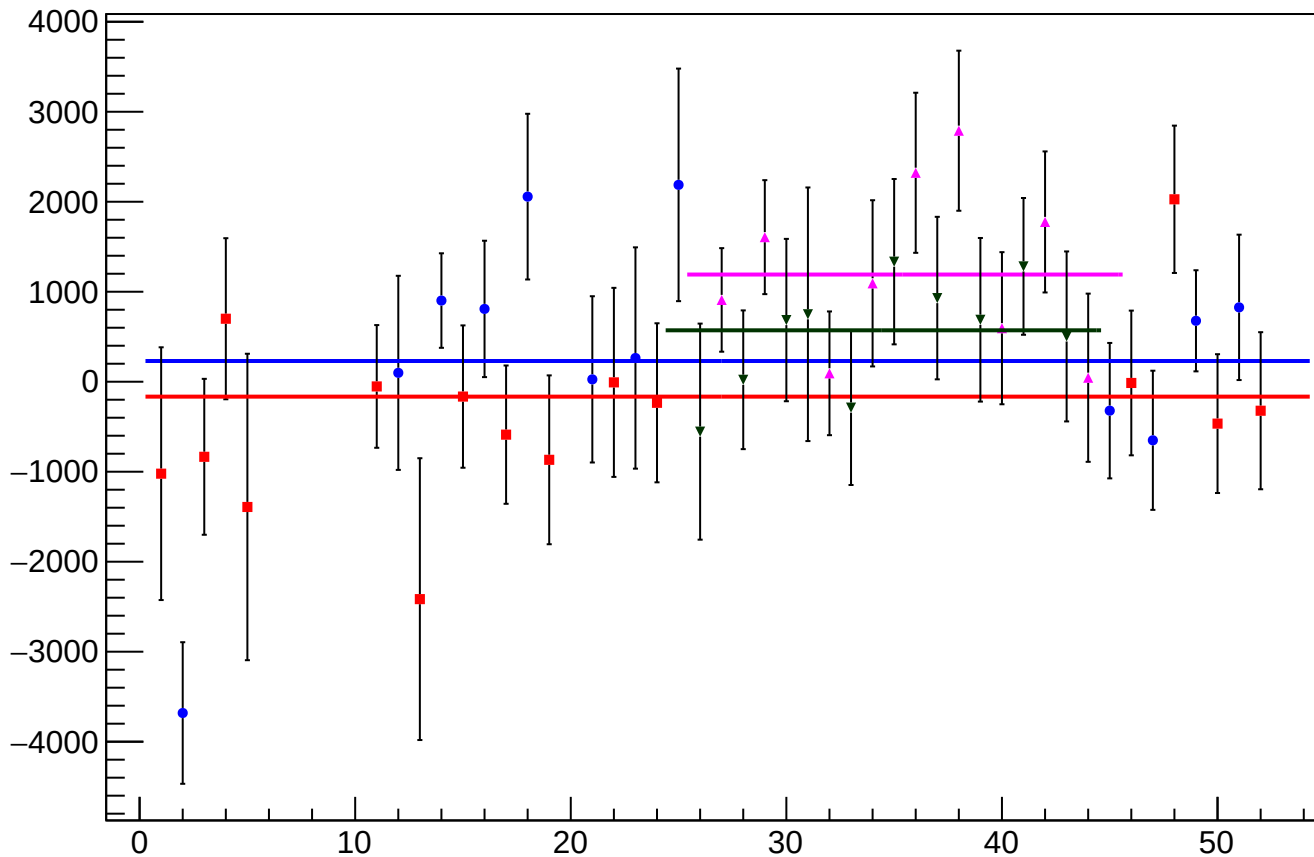
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-225.911 χ^2/NDF : 36.2/11

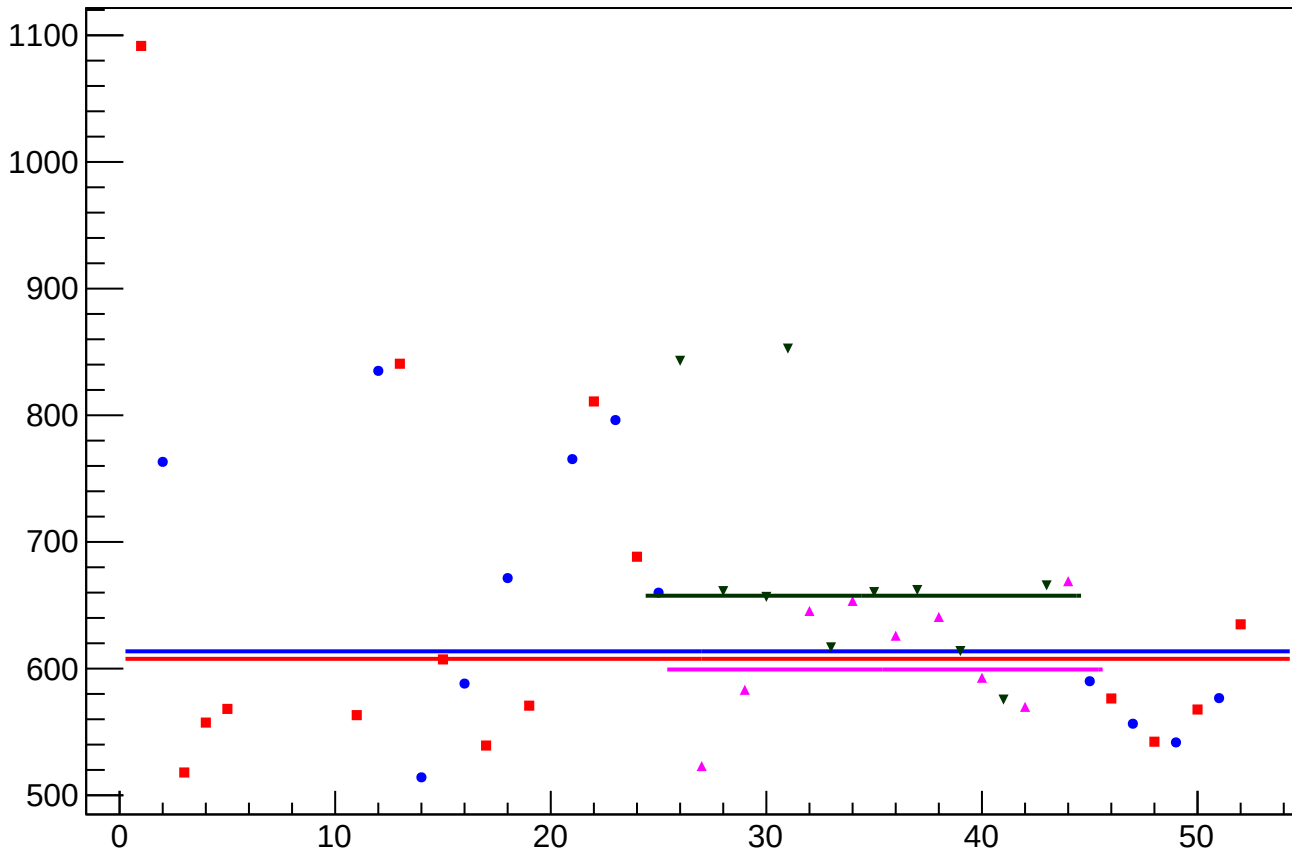
Left Out: 571.316+/-289.447 χ^2/NDF : 4.2/9

406.683+/-123.397 χ^2/NDF : 80.4/45

Right Out: -165.696+/-231.618 χ^2/NDF : 12.8/14

Left In: 1191.089+/-253.972 χ^2/NDF : 10.6/8

asym_left_avg_rms vs slug



Right In: 613.640 ± 0.160 $\chi^2/\text{NDF}: 389030.1/11$

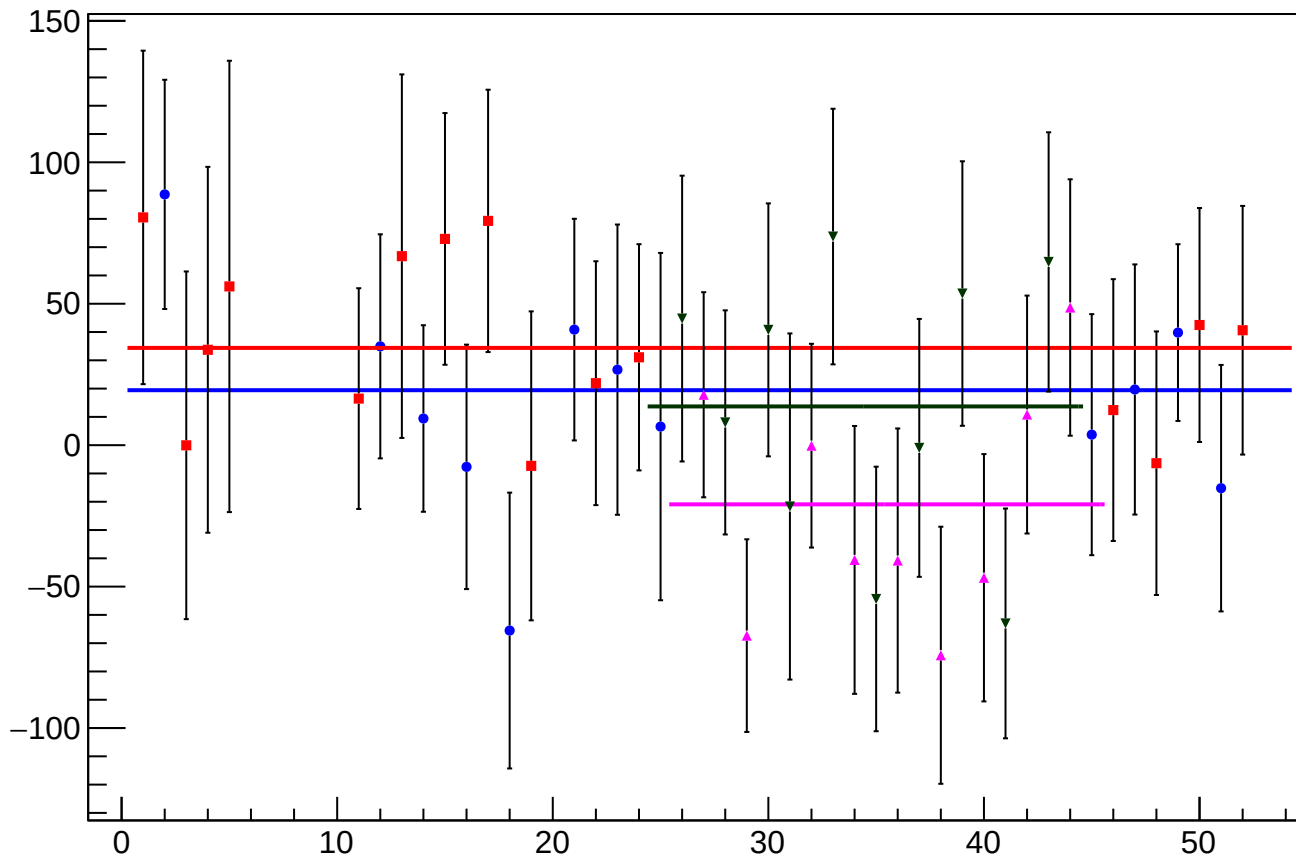
Left Out: 657.542 ± 0.205 $\chi^2/\text{NDF}: 118756.6/9$

616.551 ± 0.087 $\chi^2/\text{NDF}: 1085630.5/45$

Right Out: 607.716 ± 0.164 $\chi^2/\text{NDF}: 452716.2/14$

Left In: 599.294 ± 0.180 $\chi^2/\text{NDF}: 72539.4/8$

asym_left_dd_mean vs slug



Right In: 19.433 ± 11.924 χ^2/NDF : 8.2/11

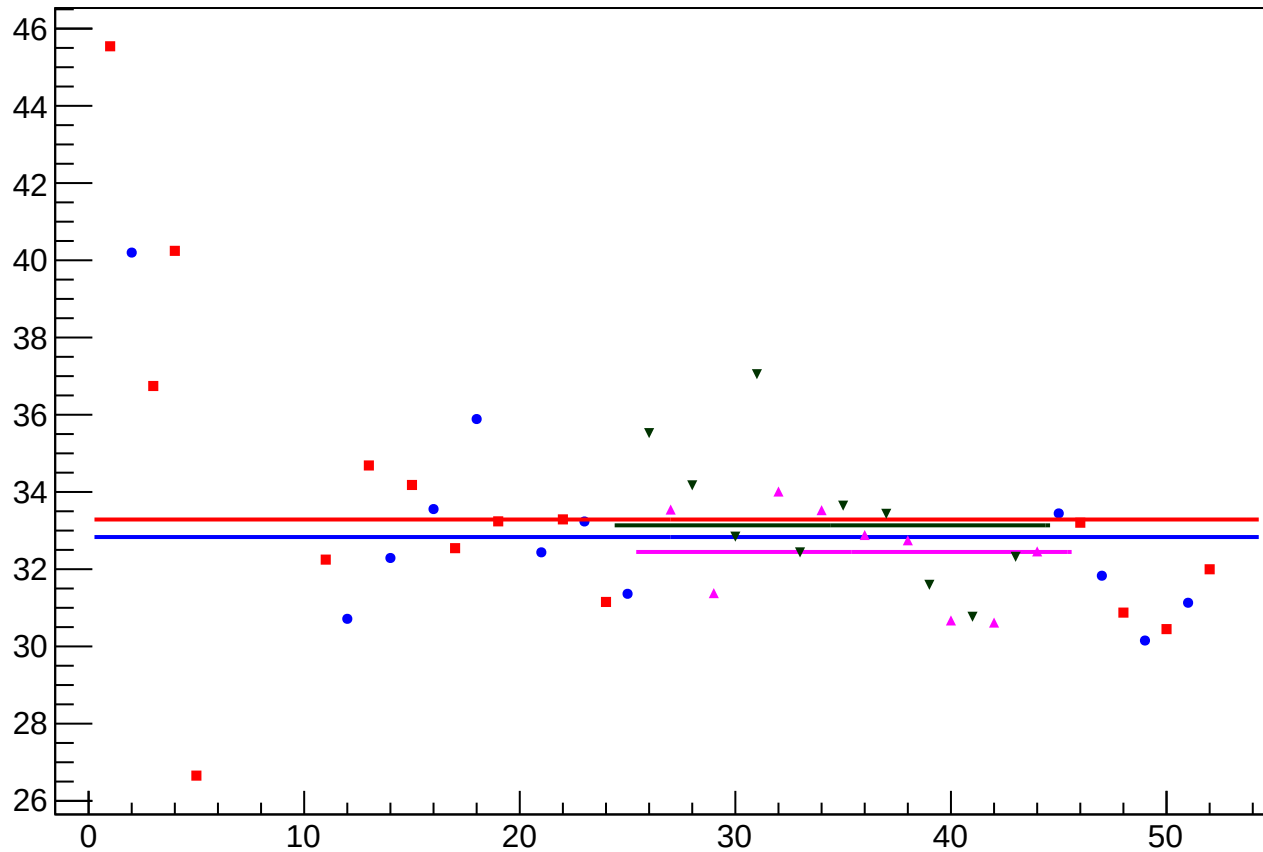
Left Out: 13.695 ± 14.488 χ^2/NDF : 10.6/9

Right Out: 34.388 ± 12.552 χ^2/NDF : 4.9/14

Left In: -20.919 ± 13.661 χ^2/NDF : 8.3/8

13.108 ± 6.523 χ^2/NDF : 41.4/45

asym_left_dd_rms vs slug



Right In: 32.833+/-0.008 χ^2 /NDF: 101481.7/11

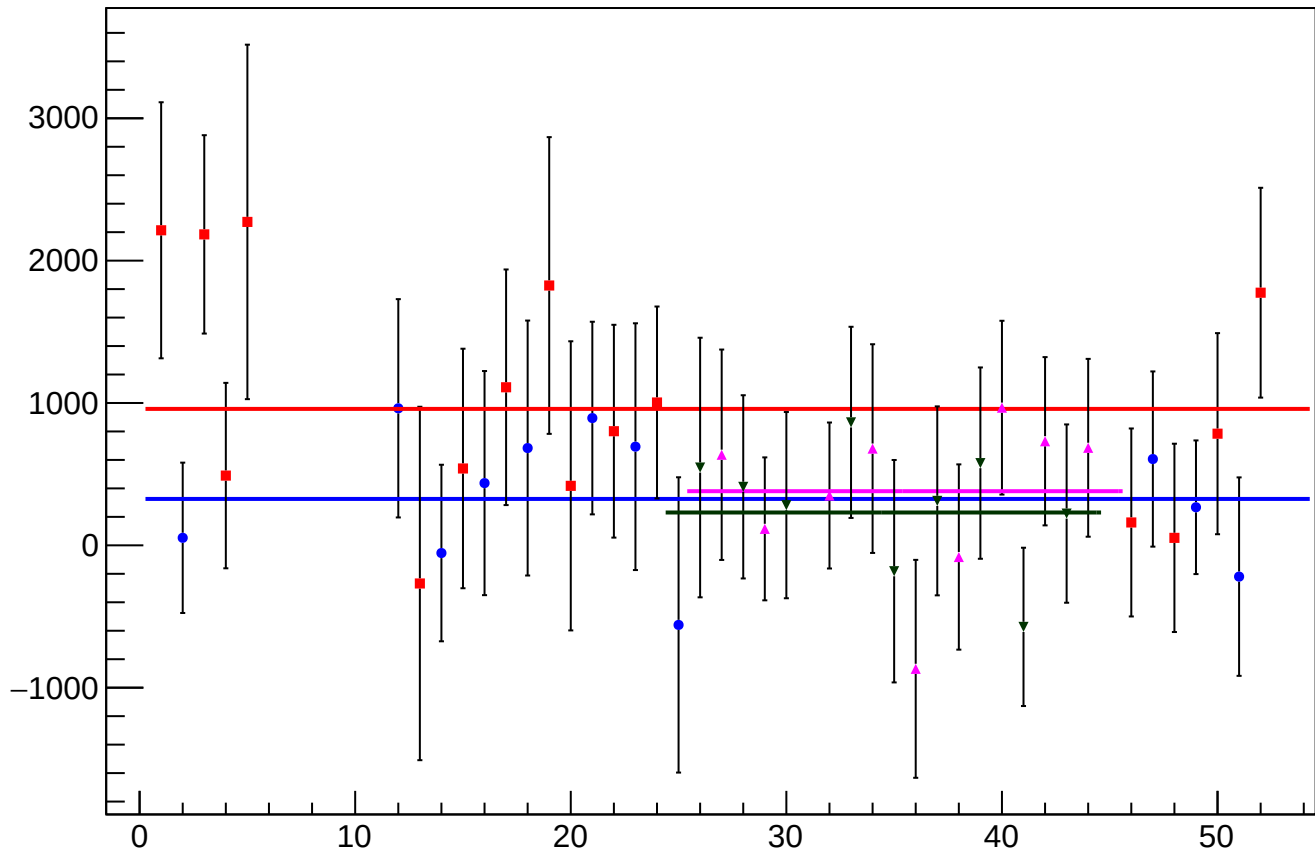
Left Out: 33.136+/-0.010 χ^2 /NDF:24508.8/9

32.929+/-0.005 χ^2 /NDF: 302252.1/45

Right Out: 33.287+/-0.009 χ^2 /NDF: 155646.6/14

Left In: 32.446+/-0.010 χ^2 /NDF:15954.4/8

asym_right_avg_mean vs slug



Right In: 325.969 ± 202.331 χ^2/NDF : 4.0/10

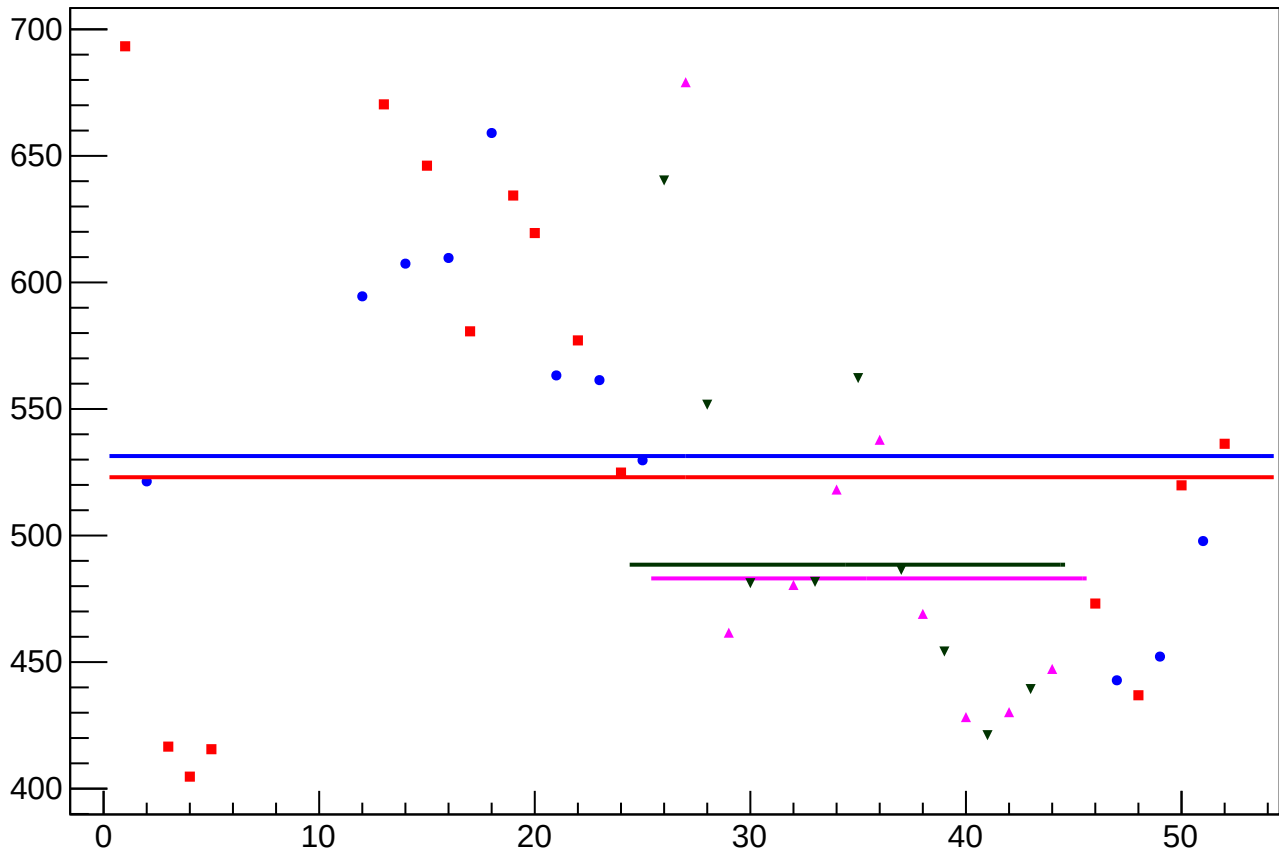
Left Out: 230.682 ± 223.170 χ^2/NDF : 3.7/8

484.537 ± 104.105 χ^2/NDF : 34.1/43

Right Out: 958.470 ± 203.597 χ^2/NDF : 13.6/14

Left In: 380.345 ± 205.678 χ^2/NDF : 5.2/8

asym_right_avg_rms vs slug



Right In: 531.406+/-0.143 χ^2/NDF : 214594.3/10

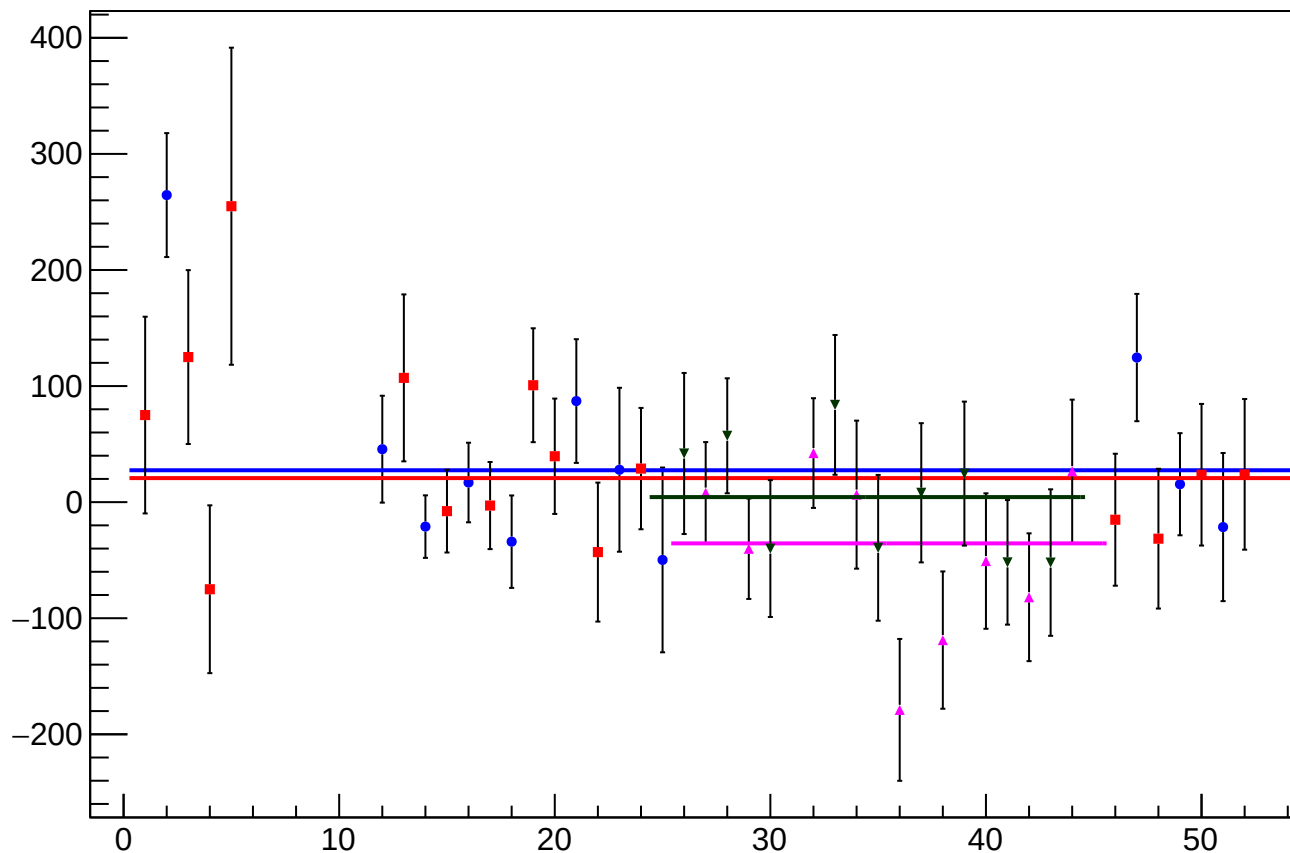
Left Out: 488.486+/-0.158 χ^2/NDF : 139883.7/8

507.493+/-0.074 χ^2/NDF : 1012914.3/43

Right Out: 523.041+/-0.144 χ^2/NDF : 377241.9/14

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

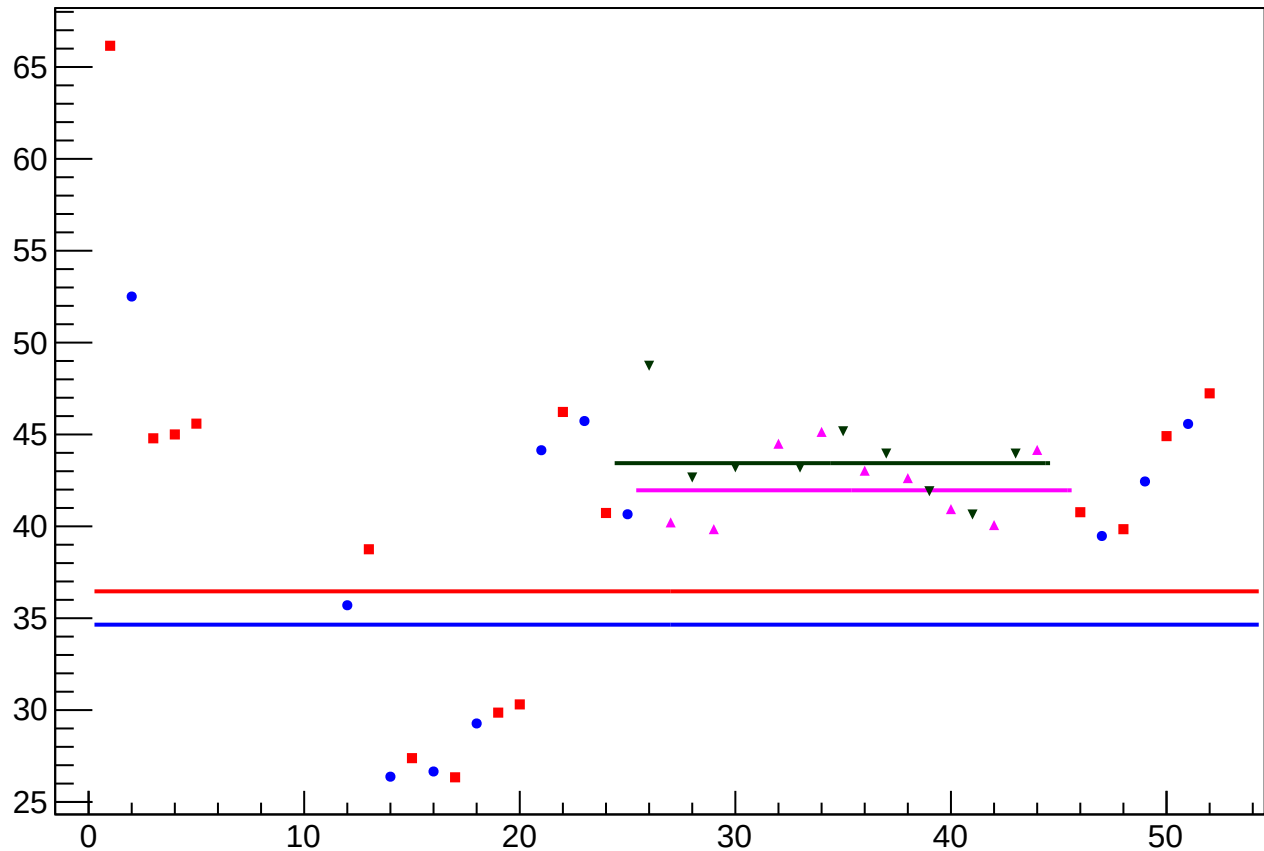
Left Out: 4.356 $\pm$ 19.730 χ^2 /NDF: 6.2/8

Right Out: 20.712 $\pm$ 14.419 χ^2 /NDF: 14.6/14

Left In: -35.527 $\pm$ 17.692 χ^2 /NDF: 13.4/8

9.218 $\pm$ 7.890 χ^2 /NDF: 74.8/43

asym_right_dd_rms vs slug



Right In: 34.649 $\pm$ 0.010 χ^2 /NDF: 819790.9/10

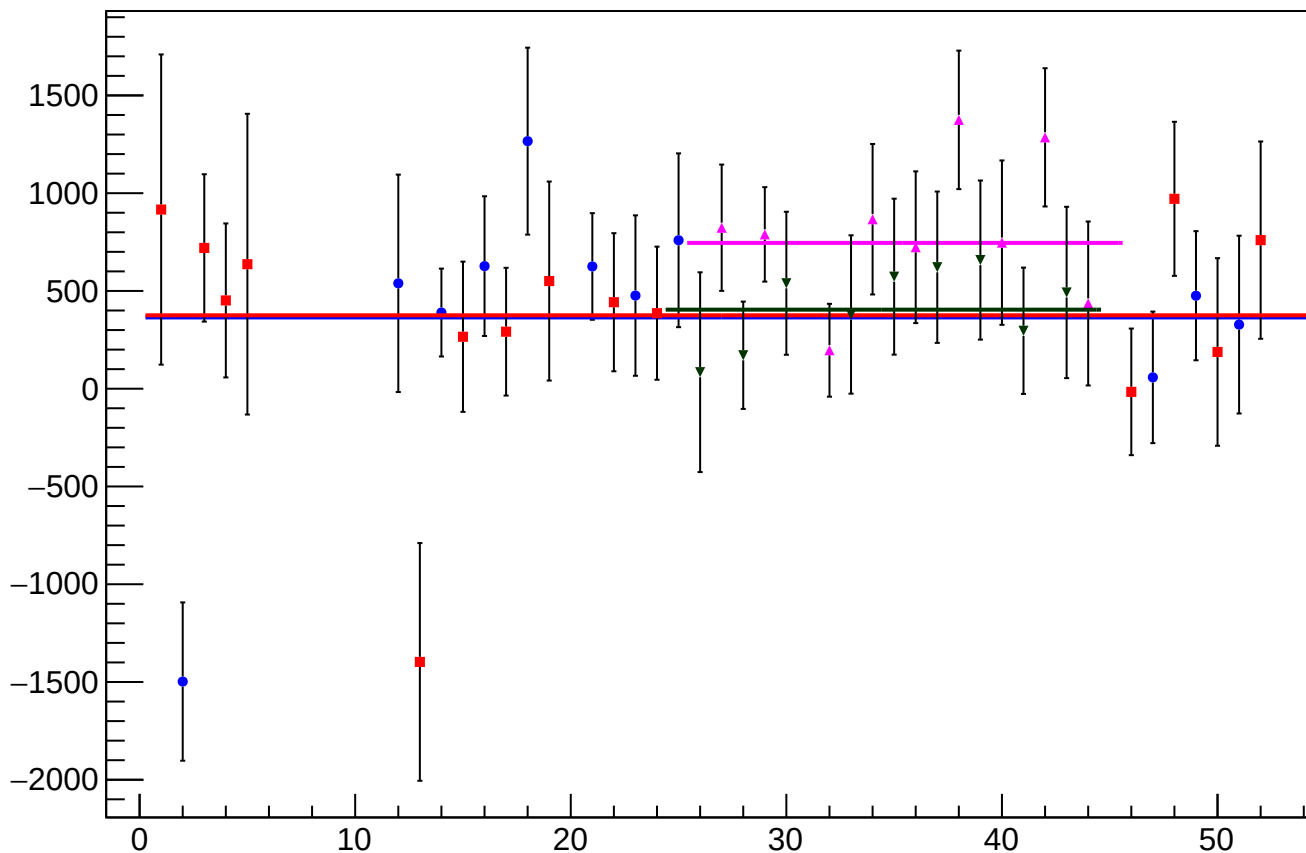
Left Out: 43.439 $\pm$ 0.014 χ^2 /NDF: 20677.6/8

Right Out: 36.463 $\pm$ 0.010 χ^2 /NDF: 829000.3/14

Left In: 41.961 $\pm$ 0.013 χ^2 /NDF: 25099.4/8

38.053 $\pm$ 0.006 χ^2 /NDF: 2092716.2/43

asym_us_avg_mean vs slug



Right In: 364.509 $\pm$ 106.205 χ^2/NDF : 28.1/10

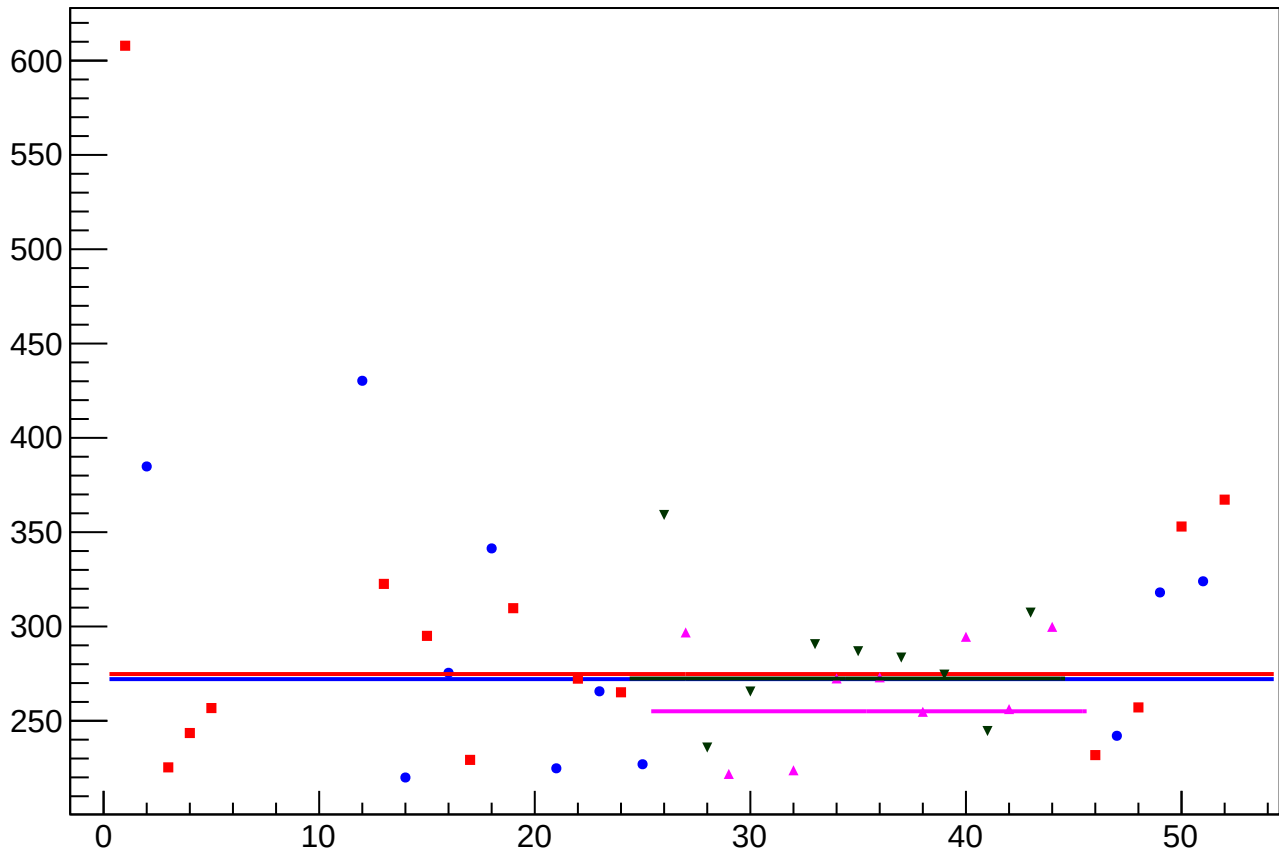
Left Out: 404.336 $\pm$ 124.534 χ^2/NDF : 2.3/8

Right Out: 375.413 $\pm$ 111.532 χ^2/NDF : 14.7/13

Left In: 745.763 $\pm$ 108.353 χ^2/NDF : 11.6/8

477.211 $\pm$ 56.015 χ^2/NDF : 65.1/42

asym_us_avg_rms vs slug



Right In: 272.094+/-0.075 χ^2/NDF : 628918.2/10

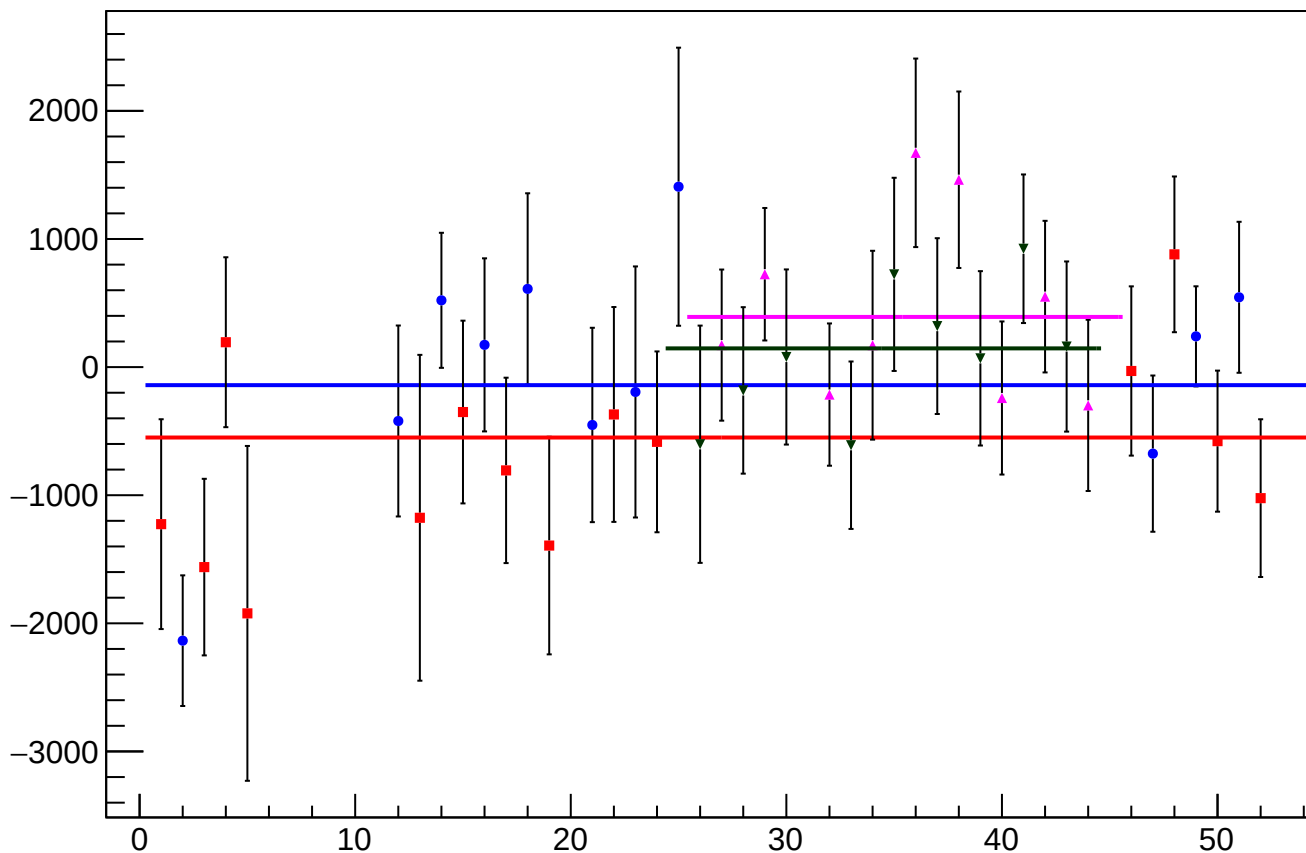
Left Out: 272.390+/-0.088 χ^2/NDF :129813.8/8

Right Out: 274.781+/-0.079 χ^2/NDF : 628228.6/13

Left In: 255.044+/-0.077 χ^2/NDF :154924.7/8

268.275+/-0.040 χ^2/NDF : 1583285.5/42

asym_us_dd_mean vs slug



Right In: -140.911+/-185.760 χ^2/NDF : 23.5/10

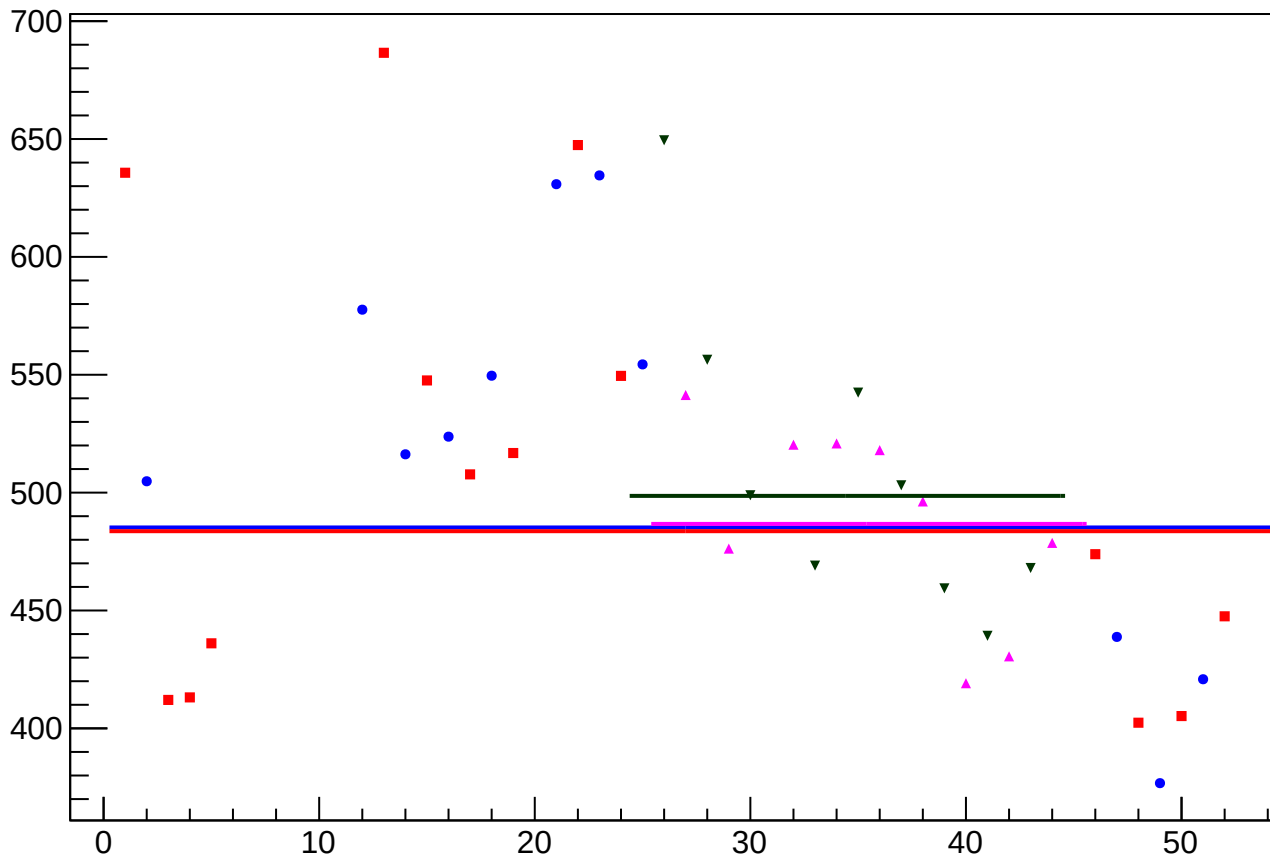
Left Out: 146.103+/-227.629 χ^2/NDF : 4.7/8

Right Out: -549.649+/-193.521 χ^2/NDF : 13.4/13

Left In: 391.655+/-206.066 χ^2/NDF : 9.5/8

-68.173+/-100.743 χ^2/NDF : 63.4/42

asym_us_dd_rms vs slug



Right In: 485.222+/-0.131 χ^2/NDF : 379858.0/10

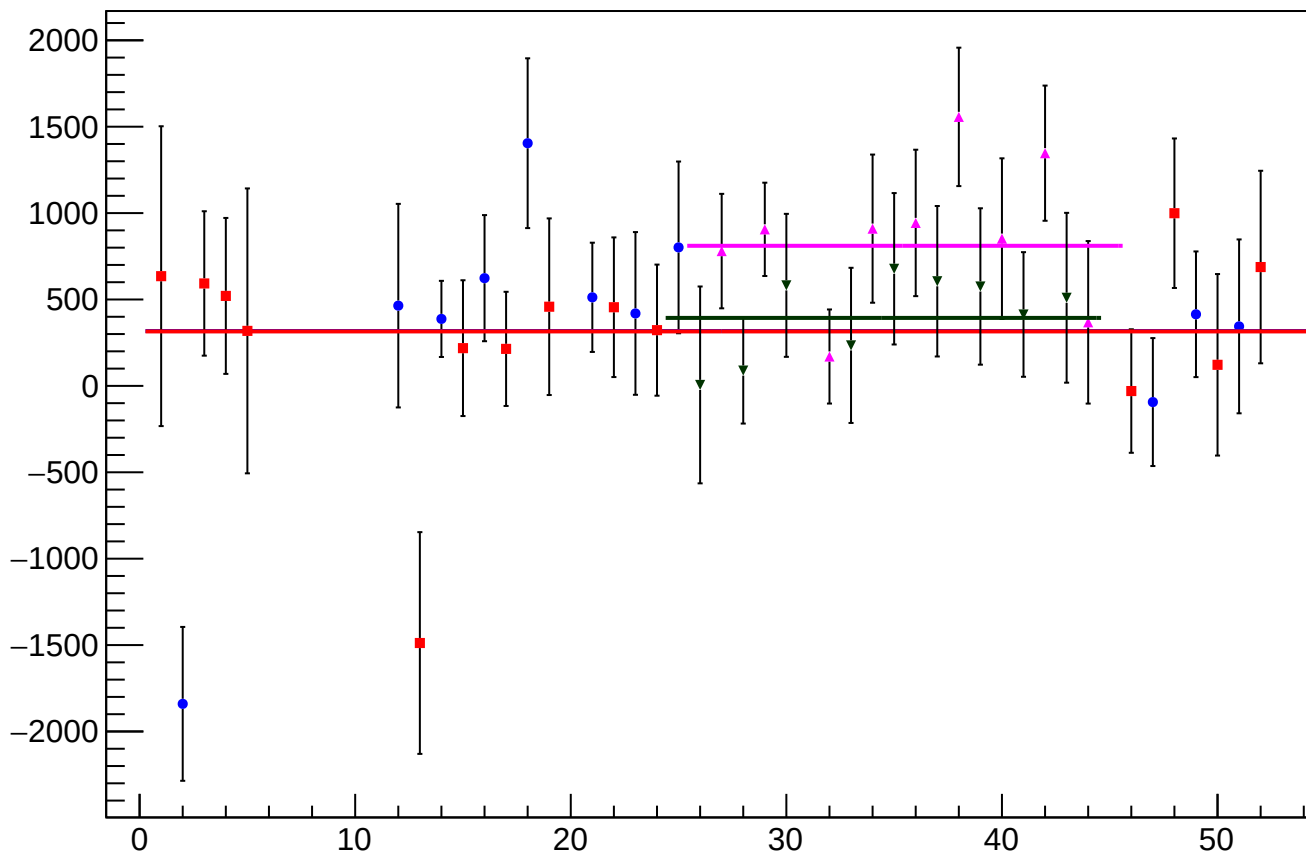
Left Out: 498.620+/-0.161 χ^2/NDF :111631.8/8

487.777+/-0.071 χ^2/NDF : 940314.7/42

Right Out: 483.638+/-0.137 χ^2/NDF : 365408.7/13

Left In: 486.730+/-0.146 χ^2/NDF :77533.5/8

asym_ds_avg_mean vs slug



Right In: 317.430 ± 113.554 $\chi^2/\text{NDF}: 31.9/10$

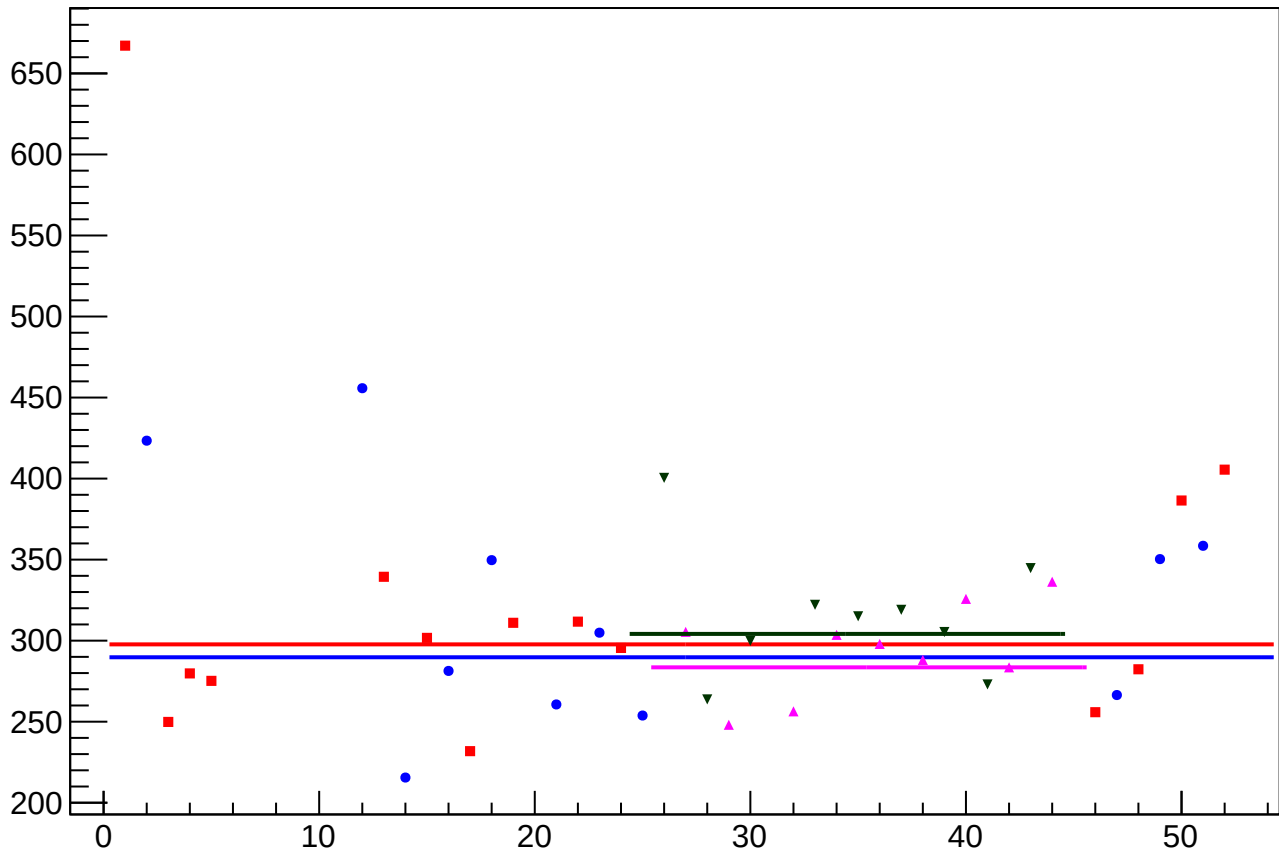
Left Out: 393.410 ± 139.060 $\chi^2/\text{NDF}: 2.7/8$

Right Out: 315.283 ± 120.895 $\chi^2/\text{NDF}: 13.0/13$

Left In: 810.762 ± 120.173 $\chi^2/\text{NDF}: 12.1/8$

459.575 ± 61.207 $\chi^2/\text{NDF}: 71.5/42$

asym_ds_avg_rms vs slug



Right In: 289.747 ± 0.080 χ^2/NDF : 727098.5/10

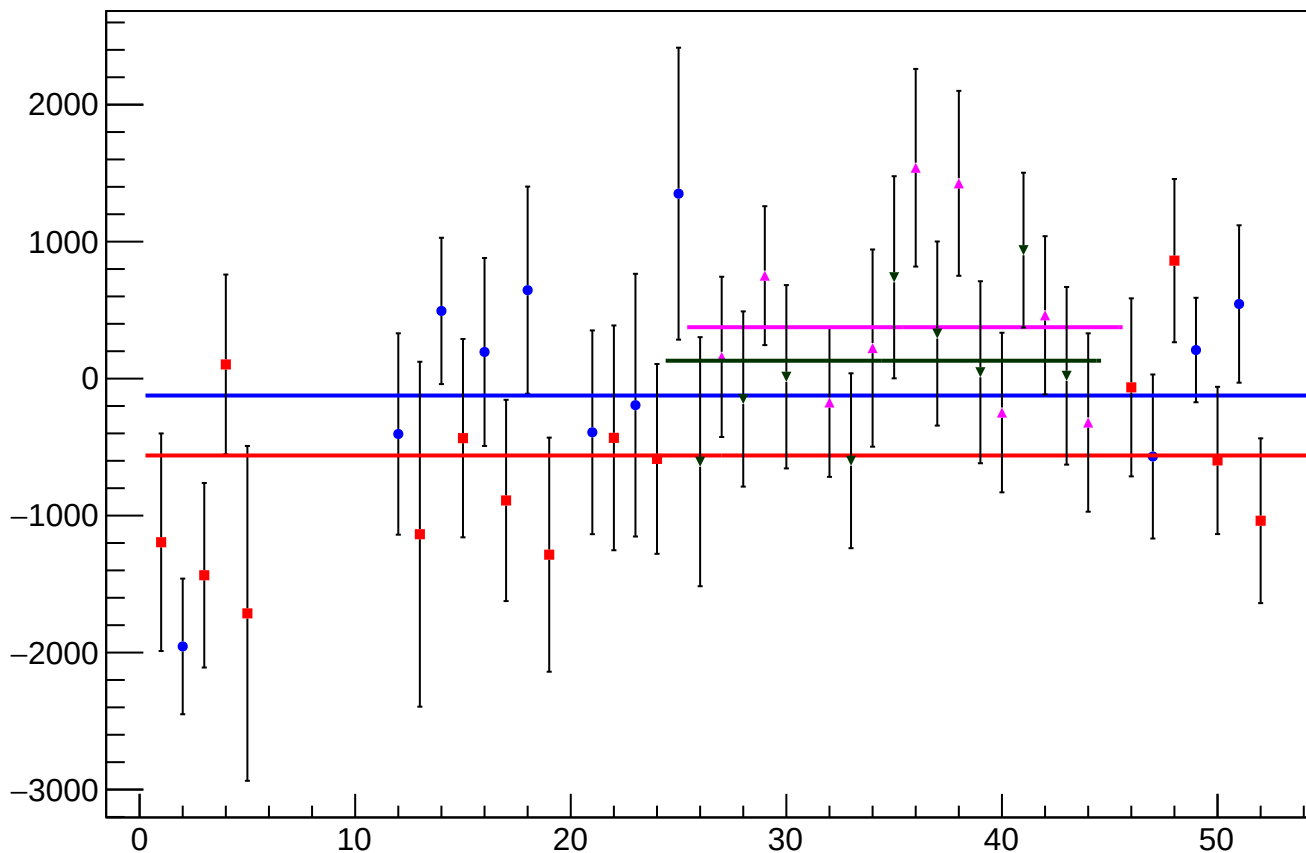
Left Out: 304.167 ± 0.098 χ^2/NDF : 127437.9/8

Right Out: 297.707 ± 0.085 χ^2/NDF : 647454.6/13

Left In: 283.531 ± 0.085 χ^2/NDF : 111768.2/8

292.969 ± 0.043 χ^2/NDF : 1643745.6/42

asym_ds_dd_mean vs slug



Right In: -123.473+/-183.246 χ^2 /NDF: 21.1/10

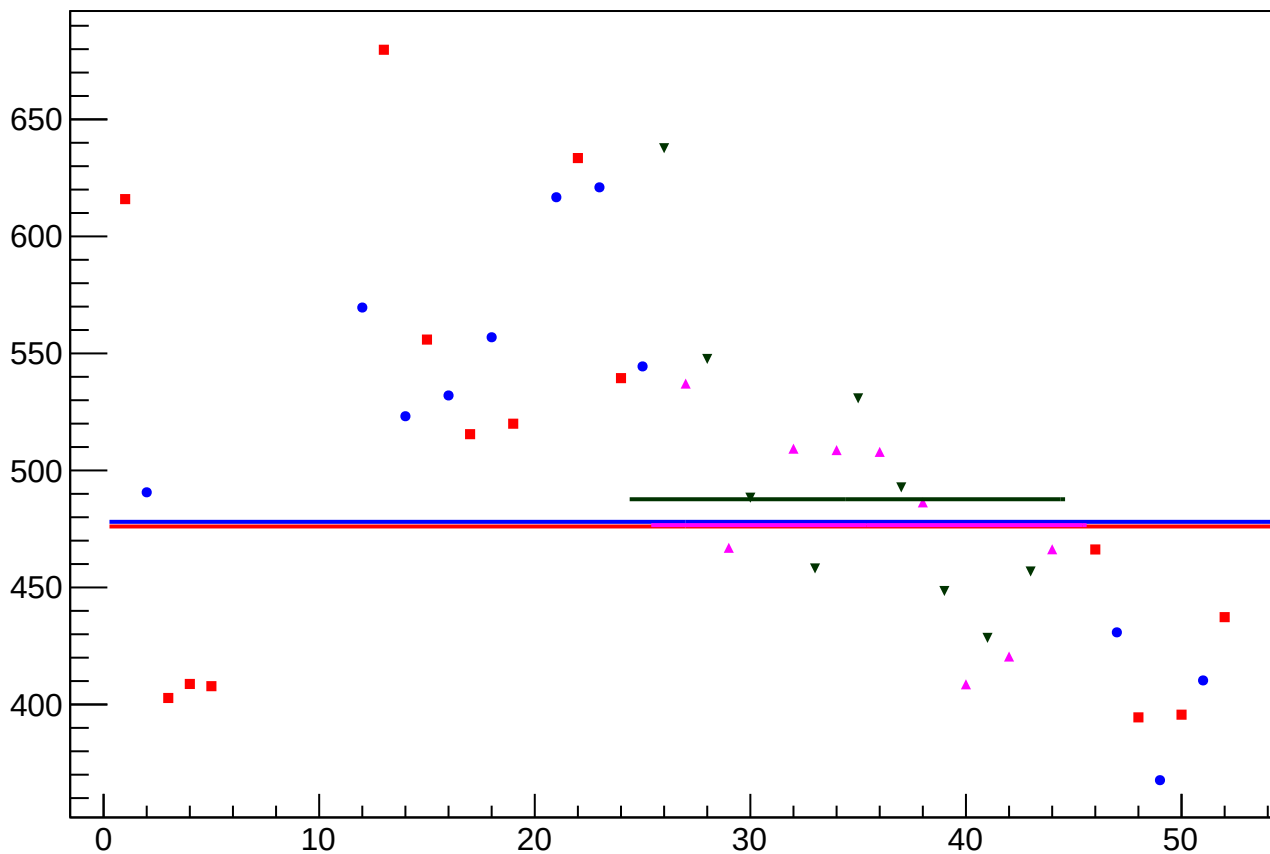
Left Out: 130.578+/-222.704 χ^2 /NDF: 5.0/8

Right Out: -561.111+/-190.628 χ^2 /NDF: 12.3/13

Left In: 375.302+/-201.841 χ^2 /NDF: 9.1/8

-71.300+/-99.011 χ^2 /NDF: 60.0/42

asym_ds_dd_rms vs slug



Right In: 478.042+/-0.130 χ^2/NDF : 410383.4/10

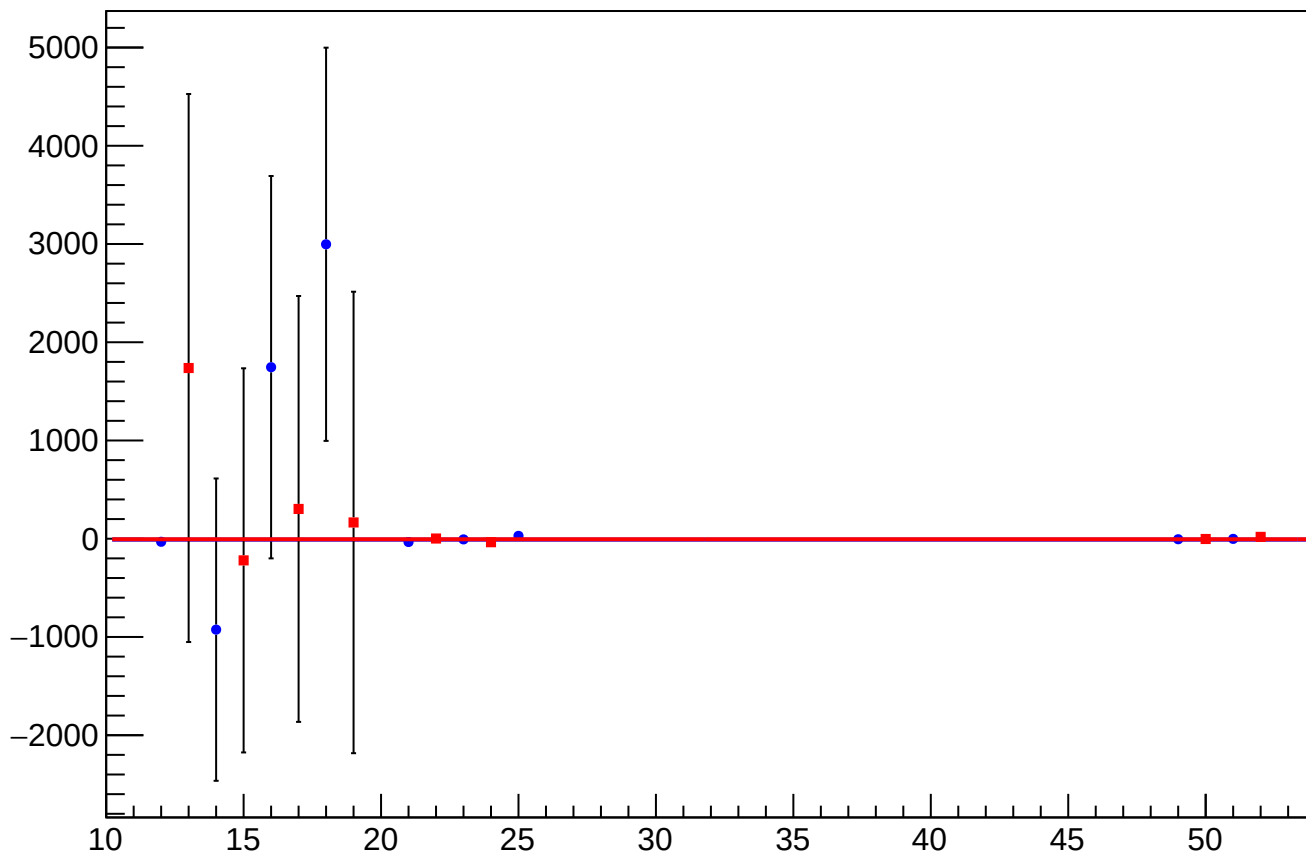
Left Out: 487.691+/-0.157 χ^2/NDF : 116664.7/8

479.076+/-0.070 χ^2/NDF : 997076.7/42

Right Out: 476.052+/-0.135 χ^2/NDF : 382042.8/13

Left In: 476.643+/-0.143 χ^2/NDF : 84135.2/8

bcm_an_us_ds_dd_mean vs slug



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

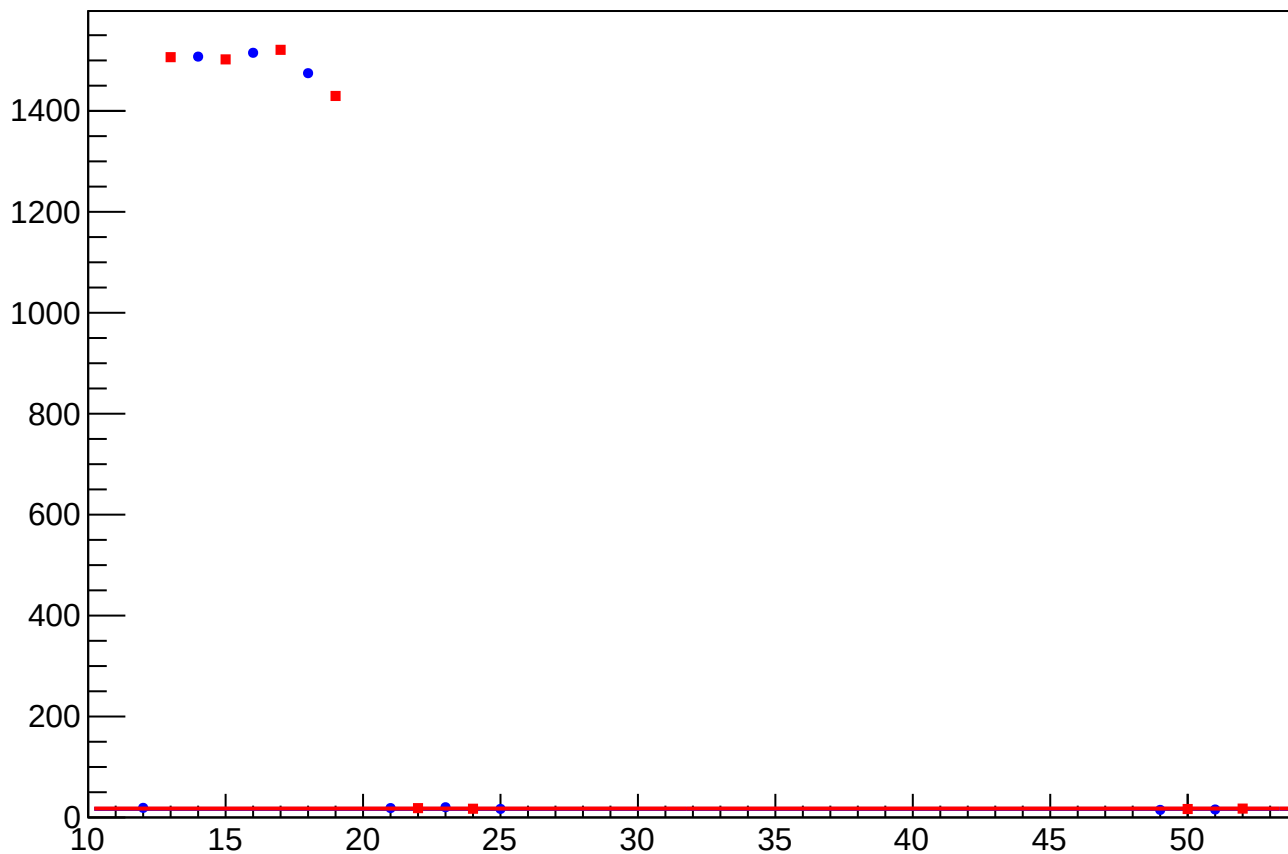
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -5.476+/-11.814 χ^2 /NDF: 3.3/7

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

-7.763+/-7.494 χ^2 /NDF: 9.8/16

bcm_an_us_ds_dd_rms vs slug



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

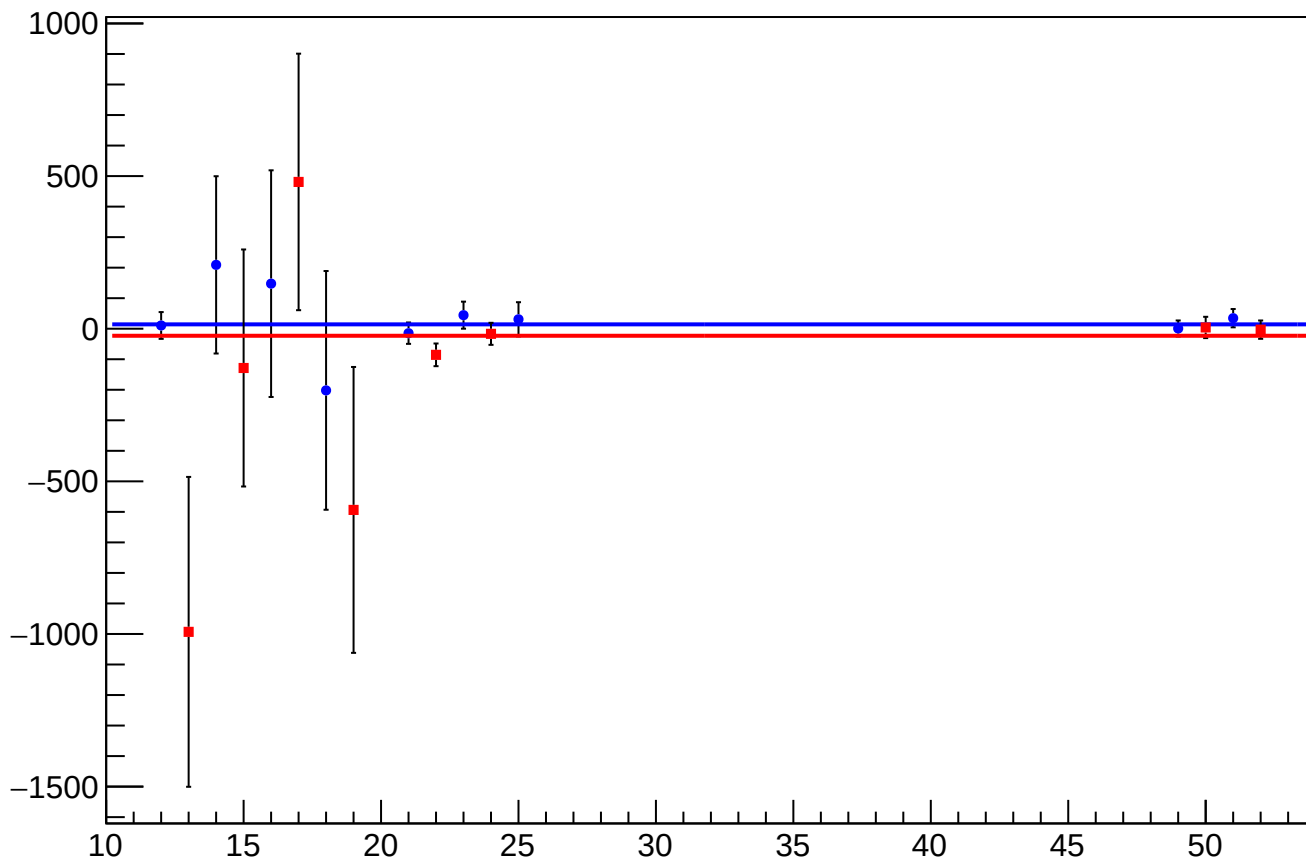
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.645+/-0.008 χ^2 /NDF: 3413533.6/7

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

17.223+/-0.005 χ^2 /NDF: 7617758.4/16

bcm_dg_us_ds_dd_mean vs slug



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

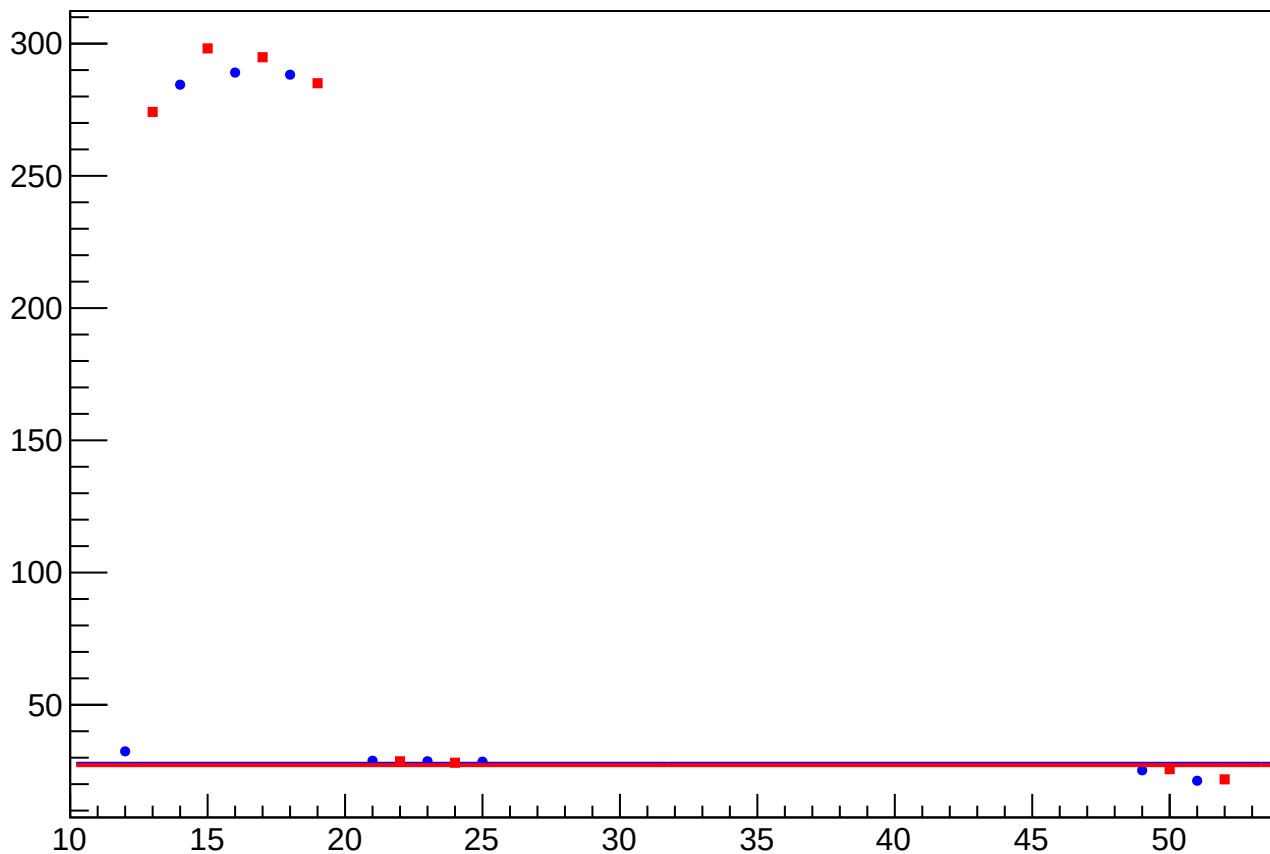
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.084+/-17.034 χ^2/NDF : 10.6/7

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

-1.411+/-11.037 χ^2/NDF : 16.2/16

bcm_dg_us_ds_dd_rms vs slug



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

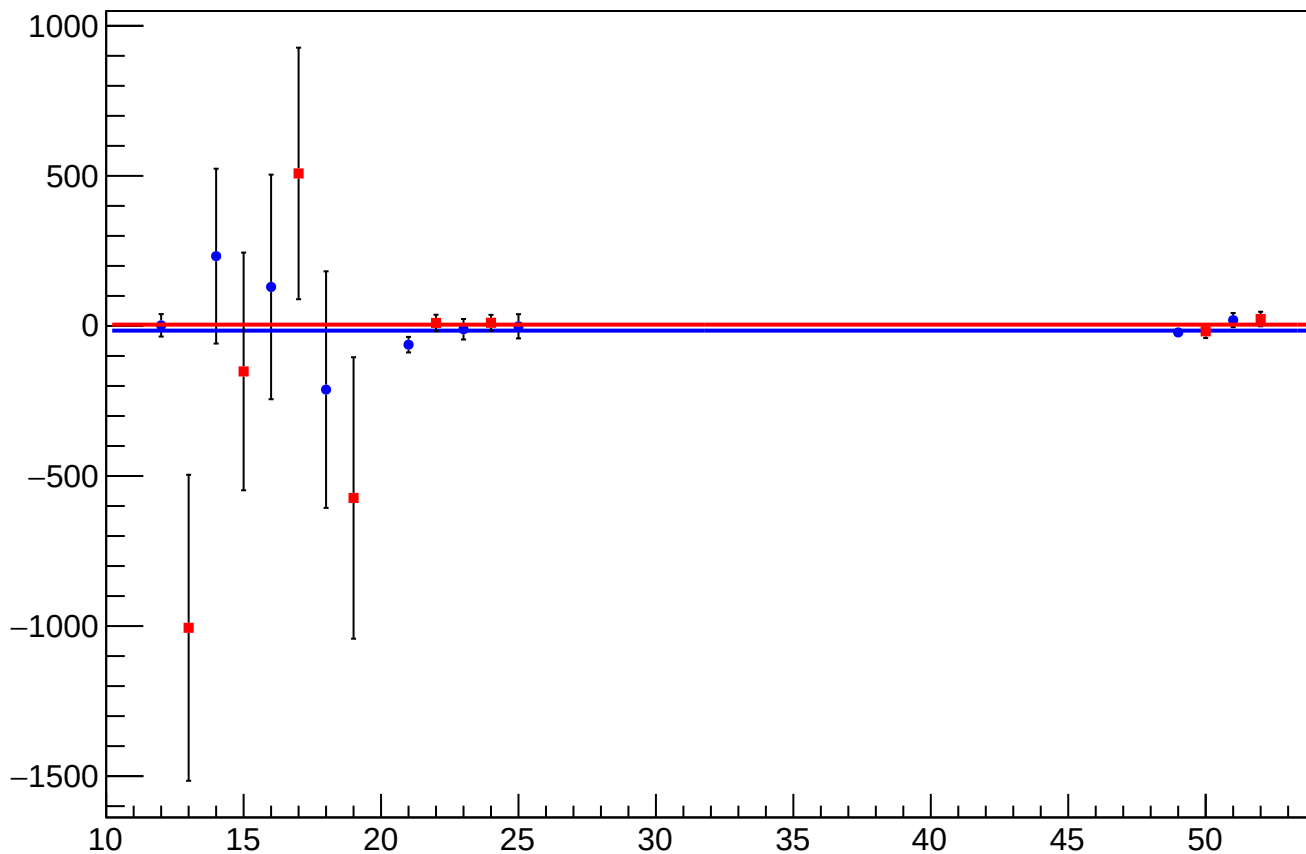
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.180+/-0.012 χ^2/NDF : 2938468.4/7

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

27.485+/-0.008 χ^2/NDF : 6518565.8/16

bcm_dg_ds_ds_dd_mean vs slug



Right In: -15.602 ± 10.511 χ^2/NDF : 7.1/8

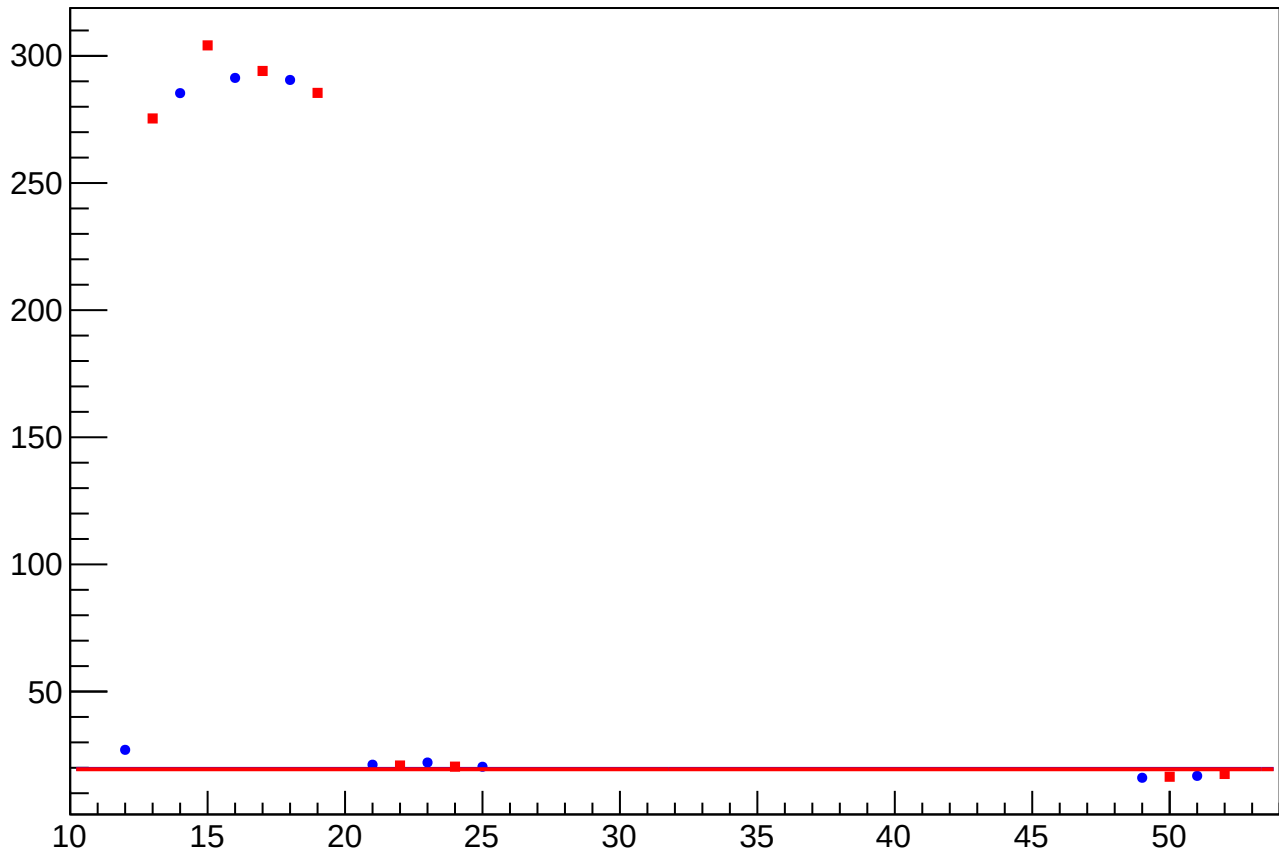
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.343 ± 12.395 χ^2/NDF : 8.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-7.260 ± 8.017 χ^2/NDF : 17.3/16

bcm_dg_ds_ds_dd_rms vs slug



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

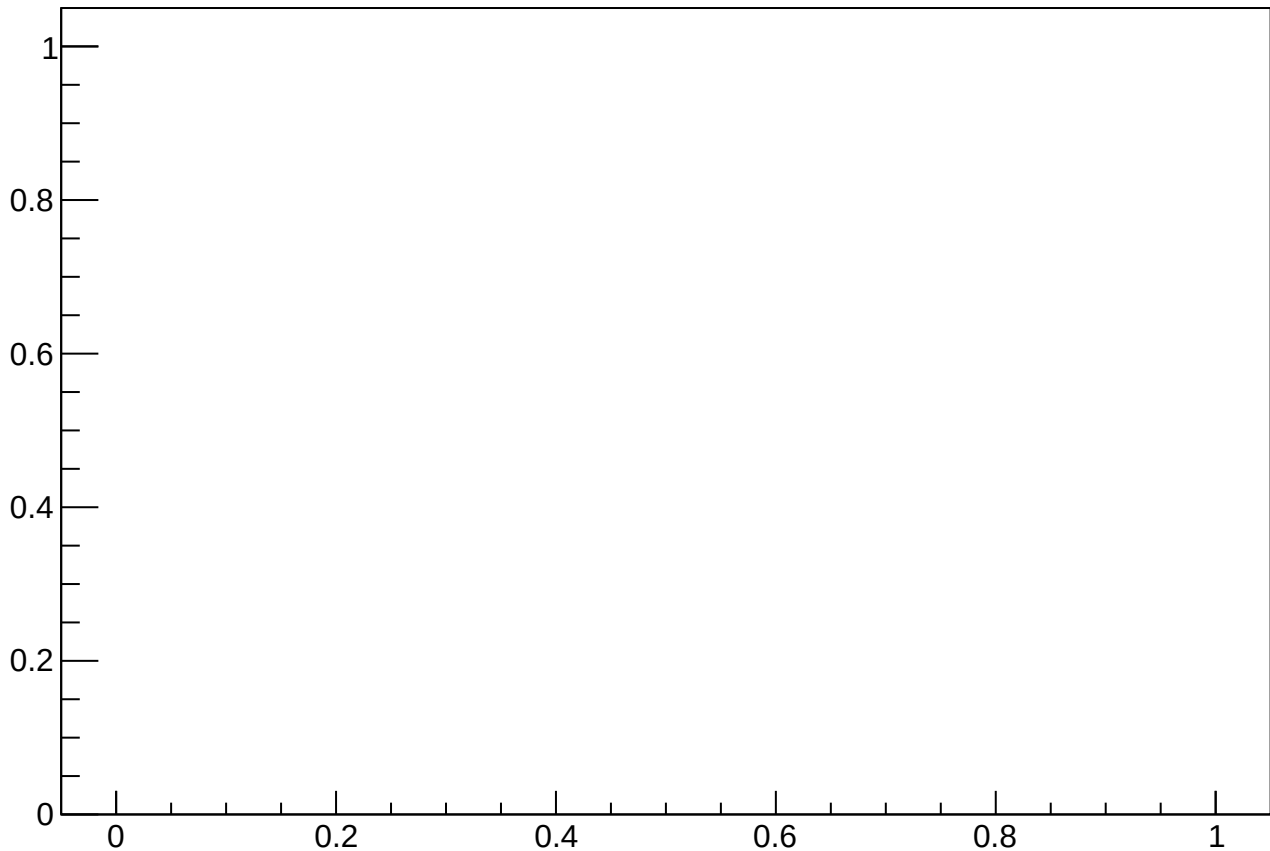
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.510+/-0.006 χ^2/NDF : 6975086.0/16

Right Out: 19.433+/-0.009 χ^2/NDF : 3095594.2/7

Left In: 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

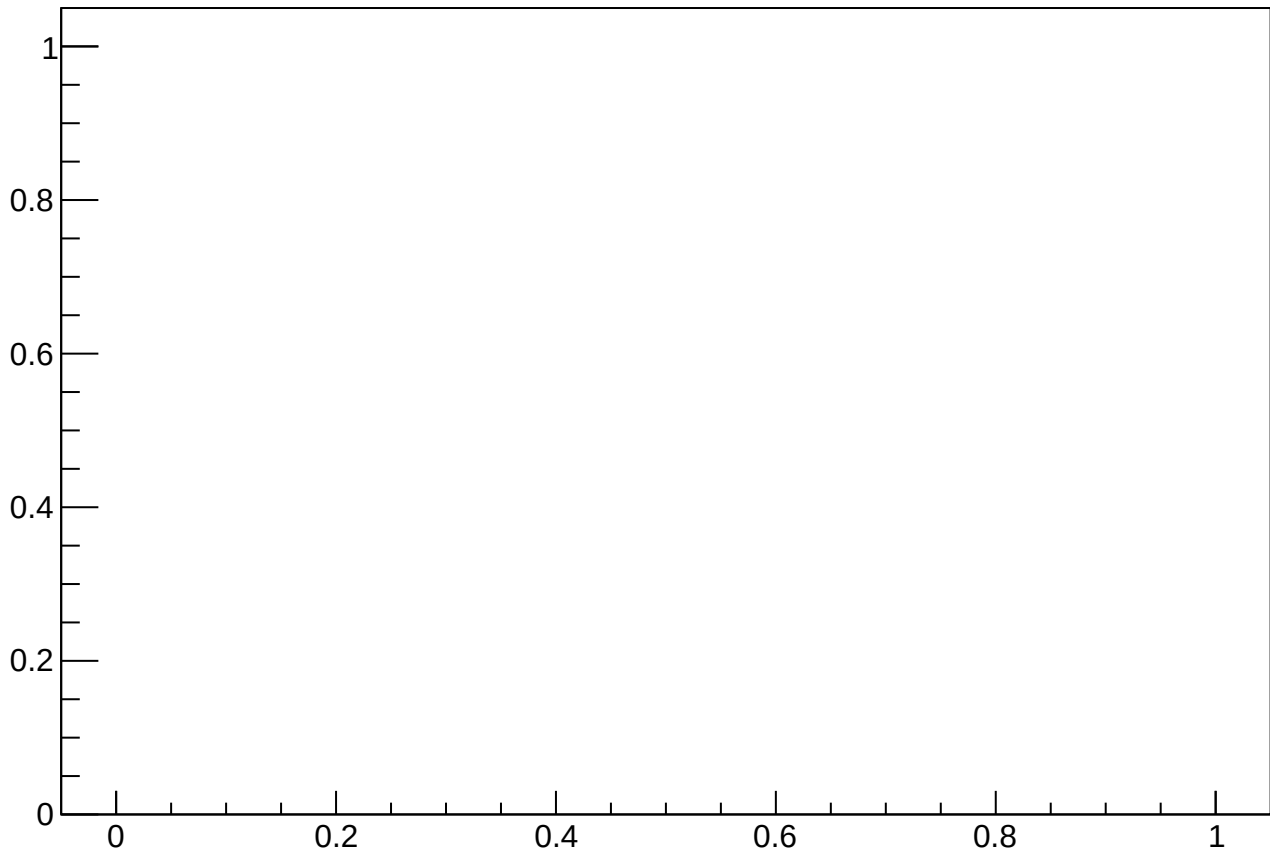
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

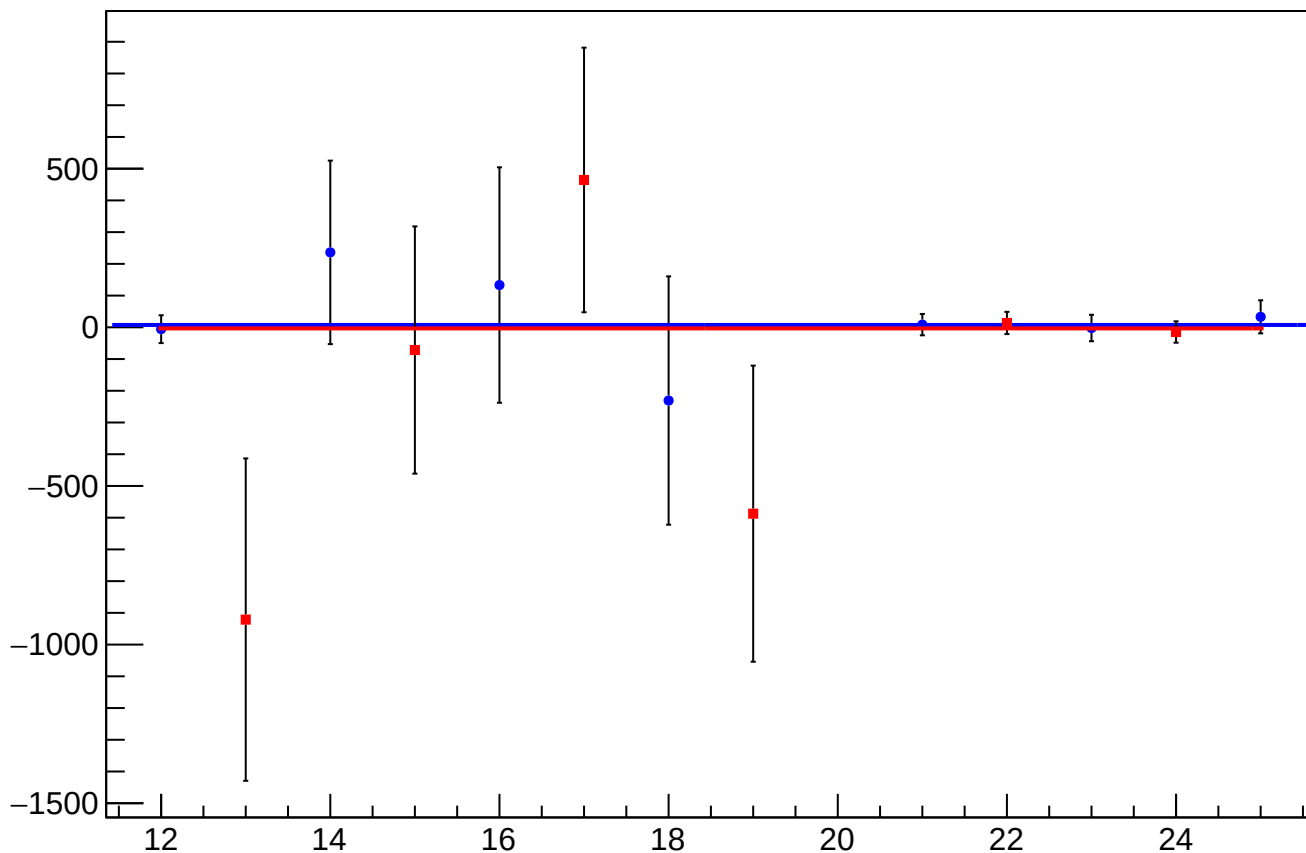
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_dd_mean vs slug



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

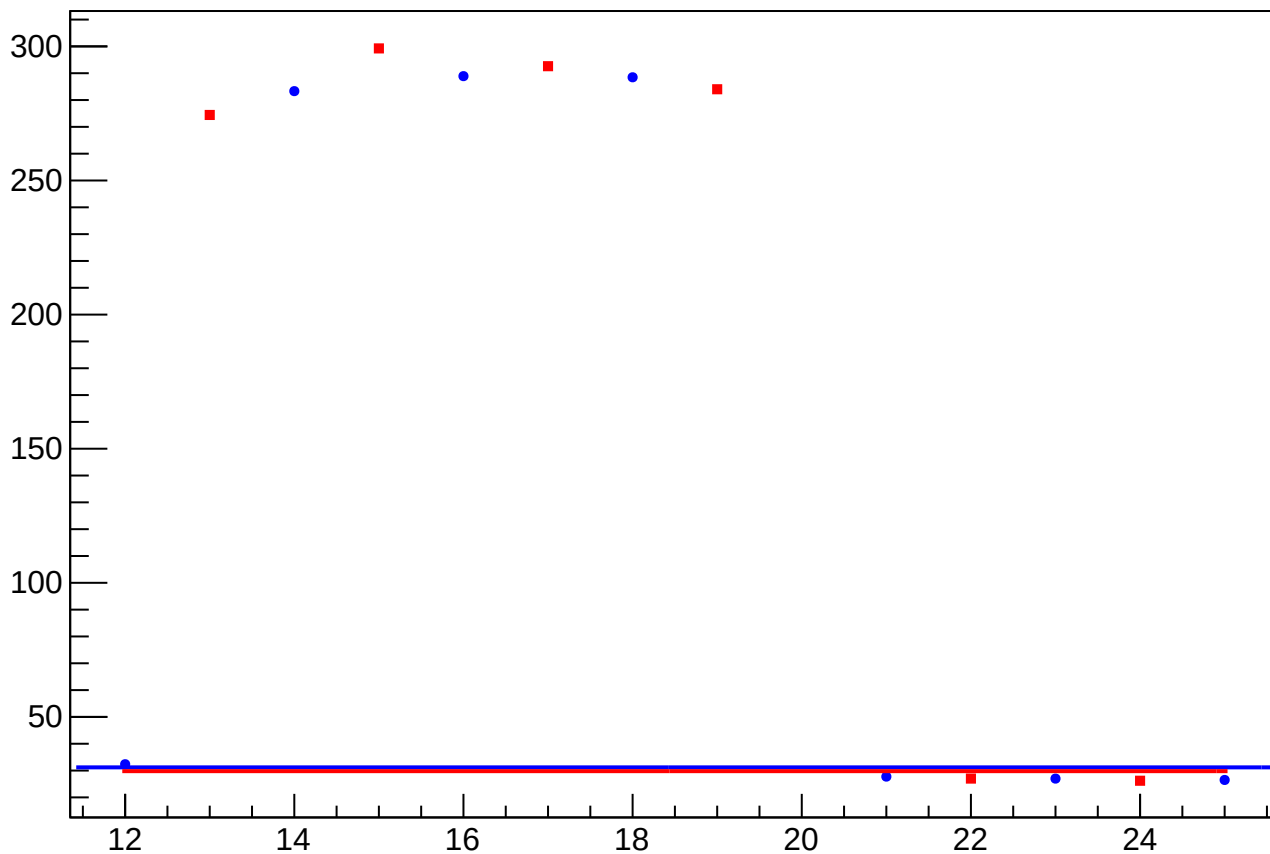
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

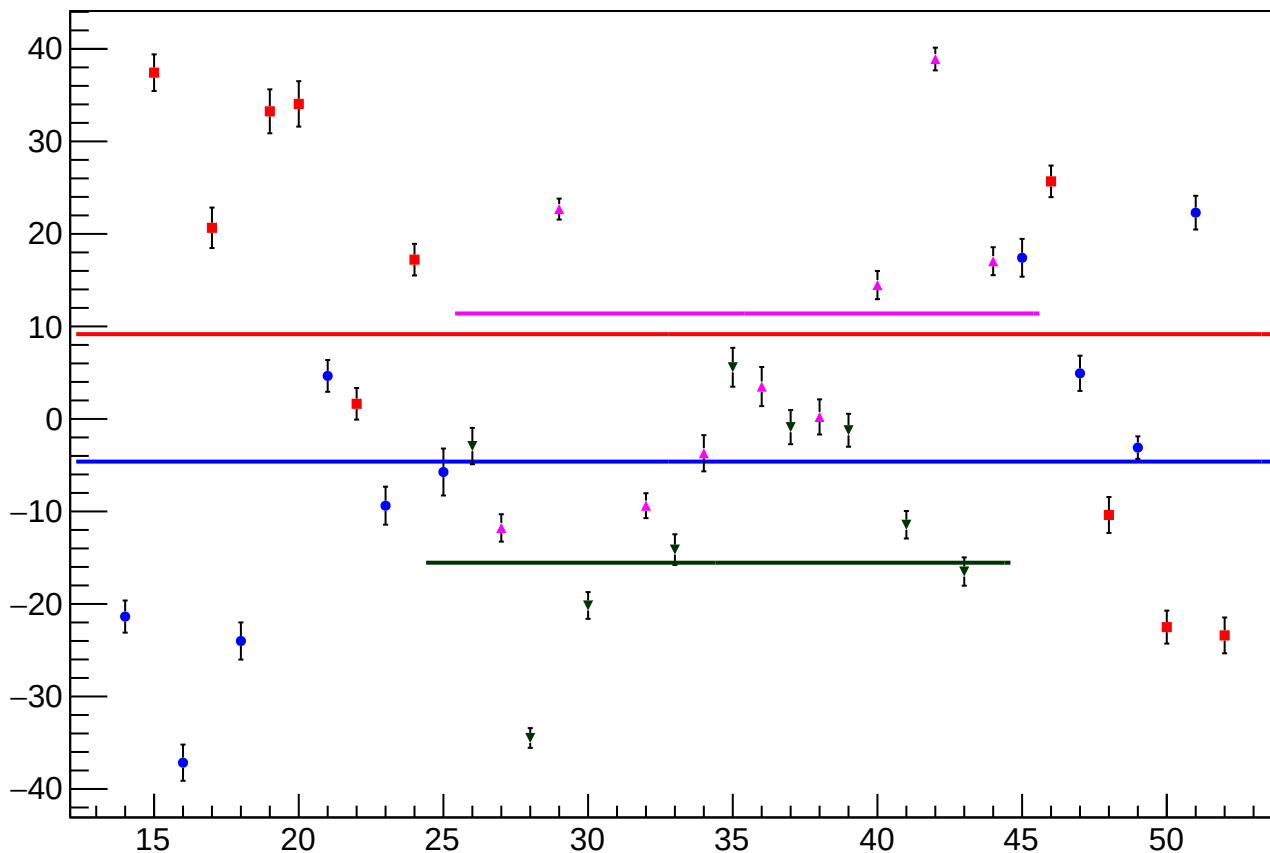
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -4.611 ± 0.571 χ^2/NDF : 858.3/9

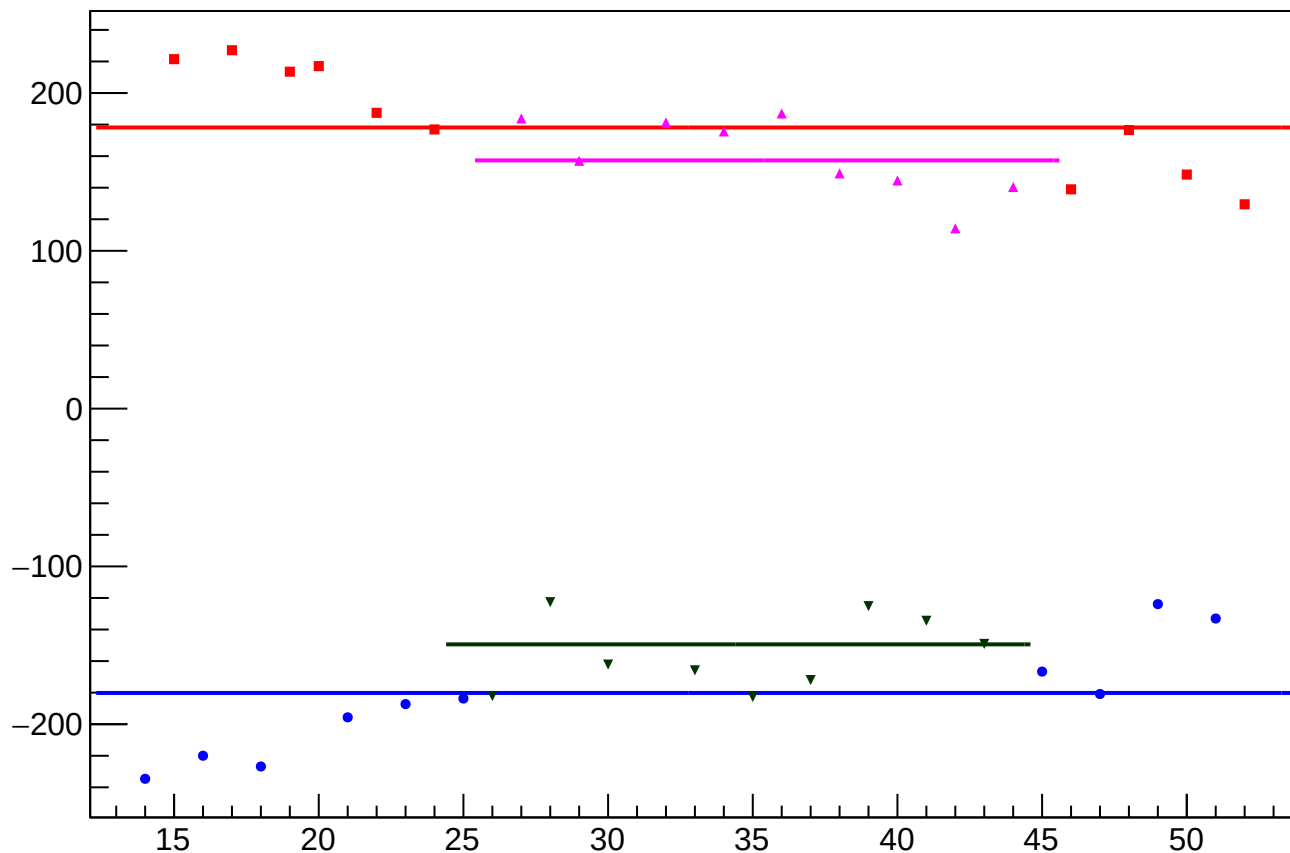
Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

Right Out: 9.164 ± 0.610 χ^2/NDF : 1273.1/9

Left In: 11.401 ± 0.495 χ^2/NDF : 1211.6/8

-0.032 ± 0.272 χ^2/NDF : 5660.9/37

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -180.189+/-0.447 χ^2/NDF : 7828.2/9

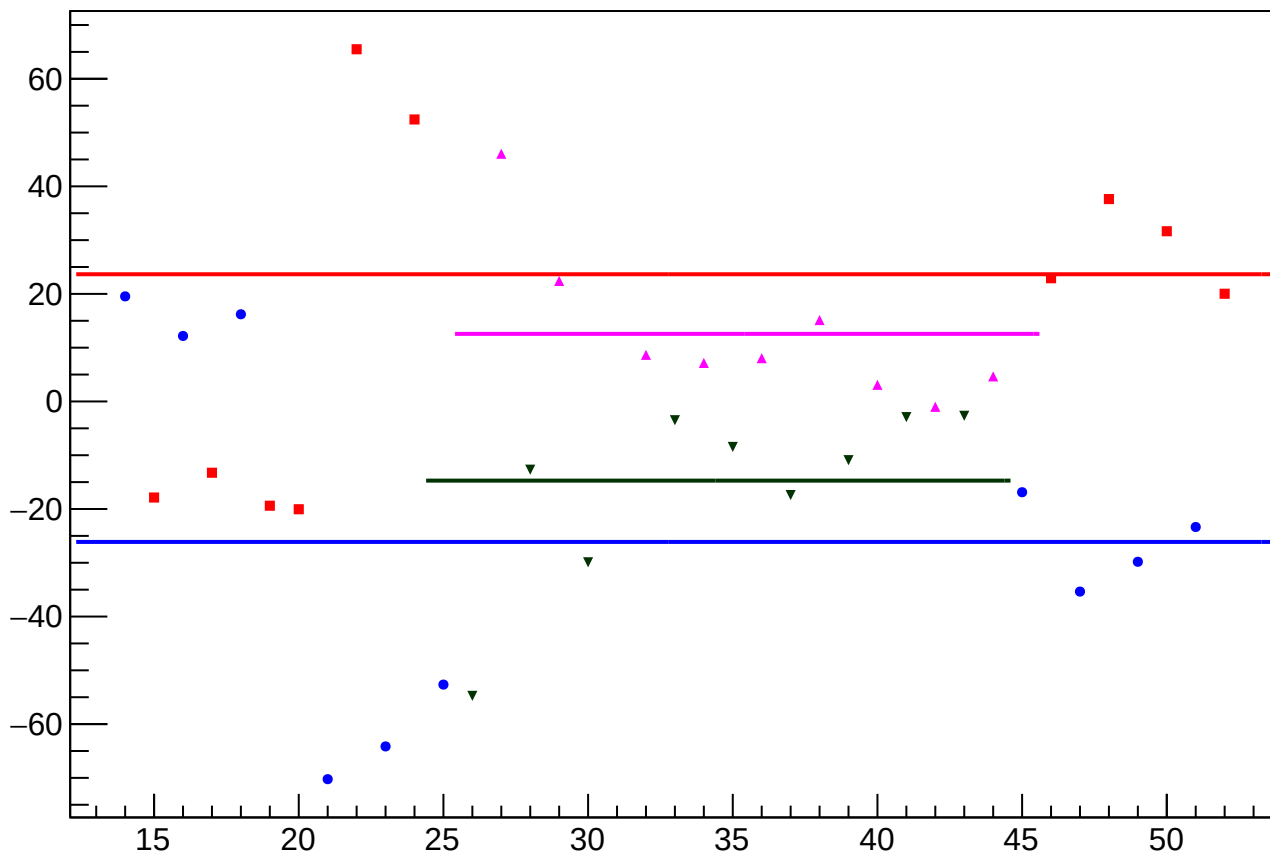
Left Out: -149.395+/-0.395 χ^2/NDF : 3200.8/8

Right Out: 178.153+/-0.467 χ^2/NDF : 5211.4/9

Left In: 157.299+/-0.365 χ^2/NDF : 4330.1/8

5.663+/-0.206 χ^2/NDF : 656743.8/37

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.123 ± 0.105 $\chi^2/\text{NDF}: 78585.7/9$

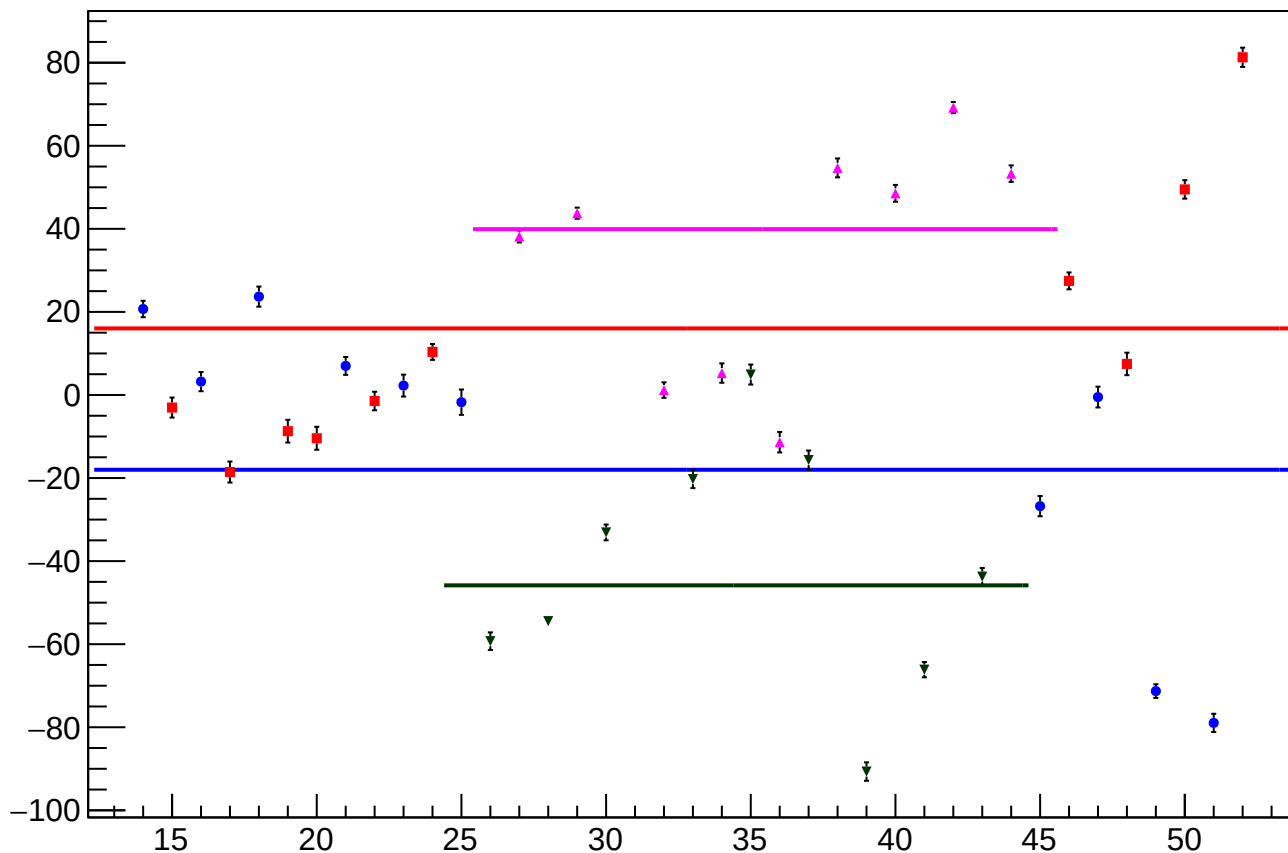
Left Out: -14.722 ± 0.088 $\chi^2/\text{NDF}: 26364.3/8$

Right Out: 23.655 ± 0.110 $\chi^2/\text{NDF}: 66188.4/9$

Left In: 12.566 ± 0.085 $\chi^2/\text{NDF}: 25284.4/8$

-1.355 ± 0.048 $\chi^2/\text{NDF}: 353635.2/37$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -18.006 ± 0.710 χ^2/NDF : 2869.3/9

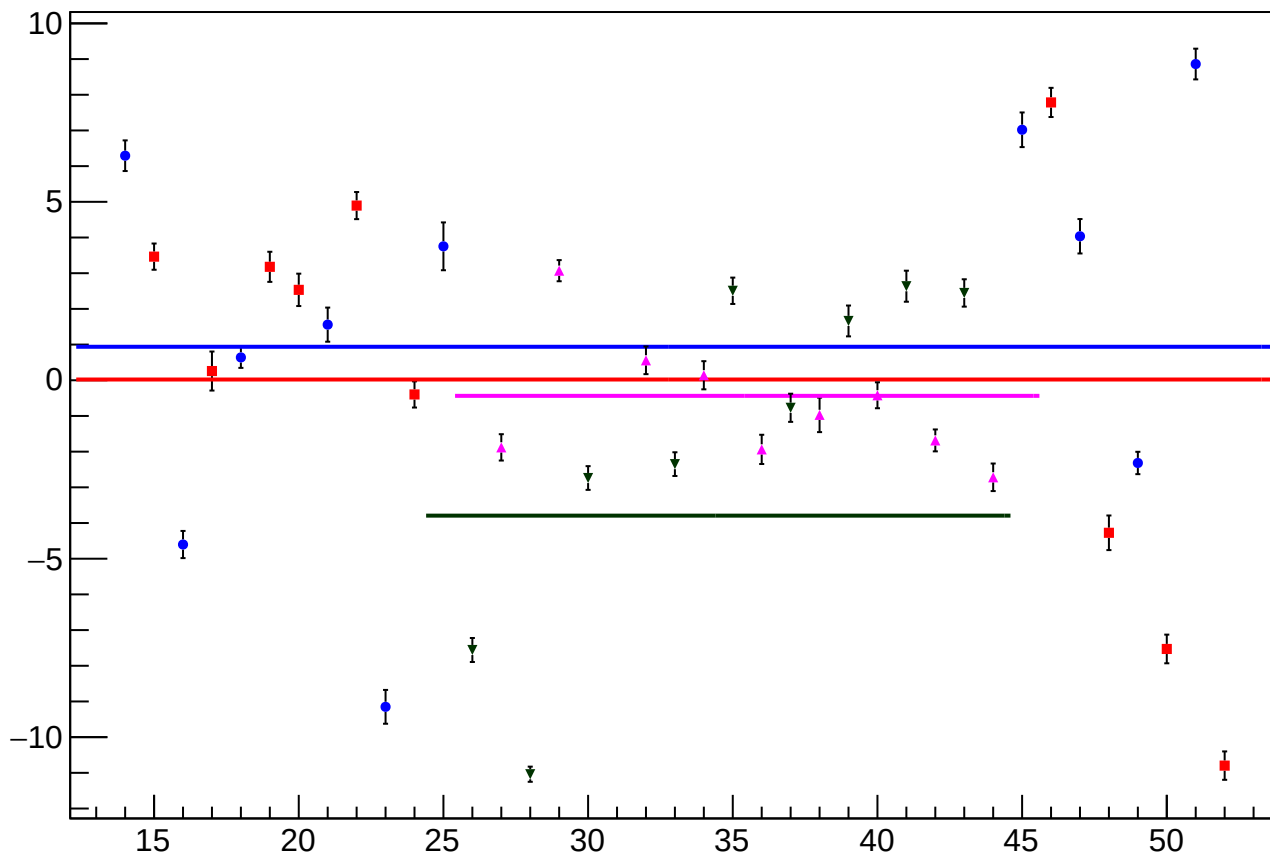
Left Out: -45.838 ± 0.634 χ^2/NDF : 1422.1/8

Right Out: 16.027 ± 0.738 χ^2/NDF : 1554.1/9

Left In: 39.932 ± 0.586 χ^2/NDF : 1674.4/8

-0.426 ± 0.329 χ^2/NDF : 18505.7/37

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 0.939 ± 0.130 χ^2/NDF : 1486.3/9

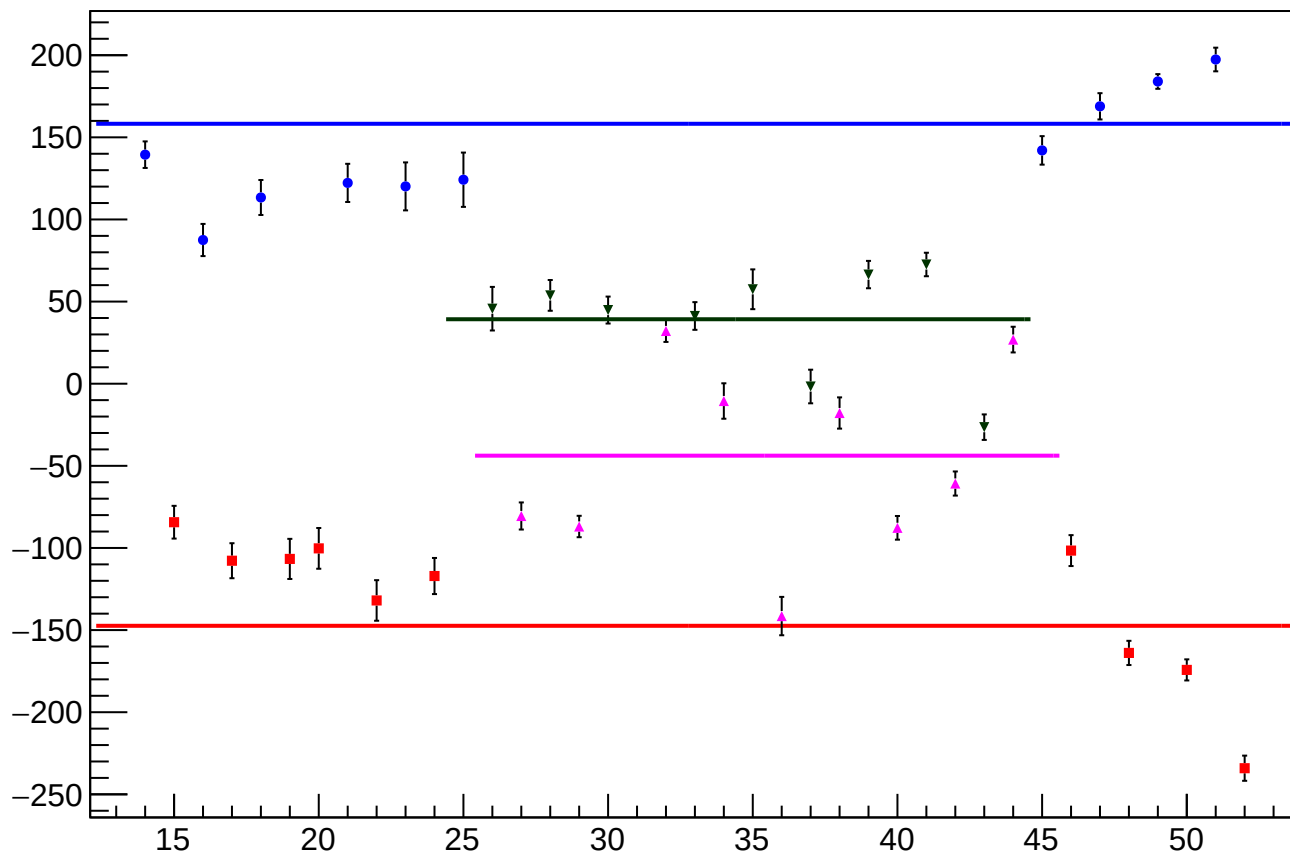
Left Out: -3.793 ± 0.112 χ^2/NDF : 2310.3/8

Right Out: 0.021 ± 0.131 χ^2/NDF : 1872.0/9

Left In: -0.437 ± 0.122 χ^2/NDF : 230.2/8

-1.047 ± 0.061 χ^2/NDF : 6829.3/37

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 158.250 ± 2.596 $\chi^2/\text{NDF}: 163.9/9$

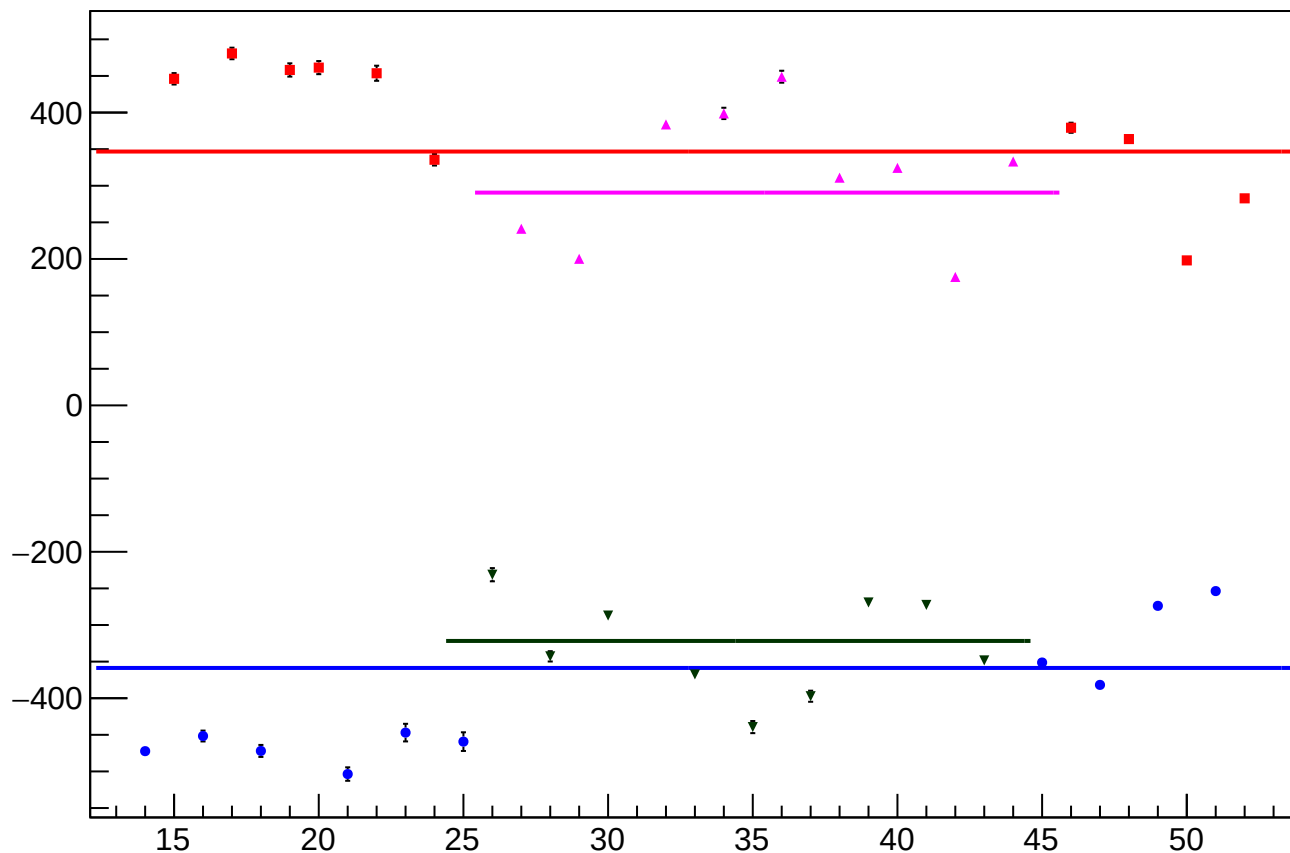
Left Out: 39.246 ± 2.976 $\chi^2/\text{NDF}: 125.4/8$

Right Out: -147.391 ± 2.913 $\chi^2/\text{NDF}: 262.7/9$

Left In: -43.812 ± 2.656 $\chi^2/\text{NDF}: 403.9/8$

8.301 ± 1.385 $\chi^2/\text{NDF}: 7642.7/37$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -358.650+/-2.016 χ^2/NDF : 2031.0/9

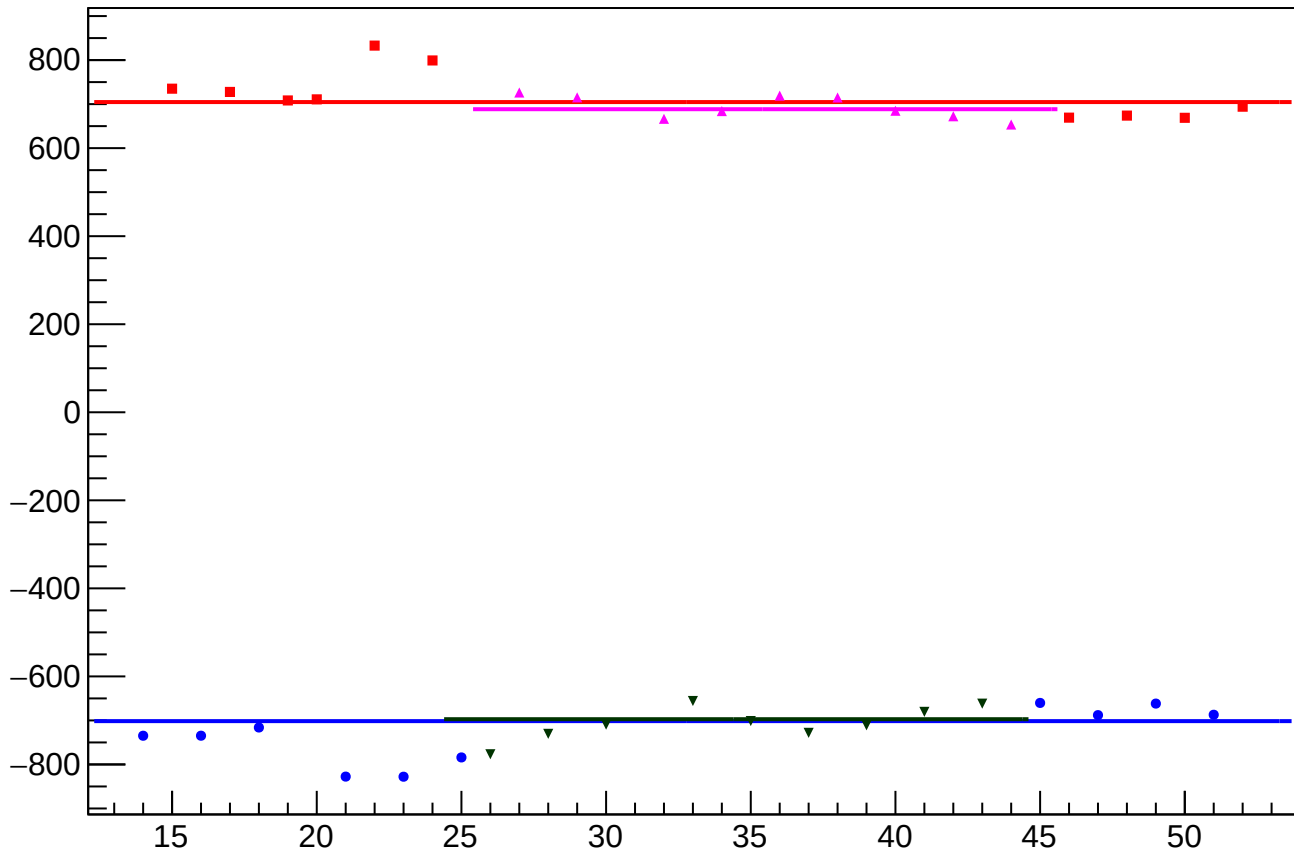
Left Out: -321.773+/-2.219 χ^2/NDF : 673.9/8

Right Out: 346.731+/-2.201 χ^2/NDF : 1978.8/9

Left In: 290.641+/-1.943 χ^2/NDF : 1886.9/8

-5.552+/-1.042 χ^2/NDF : 106411.6/37

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -701.586+/-0.483 χ^2/NDF : 10868.1/9

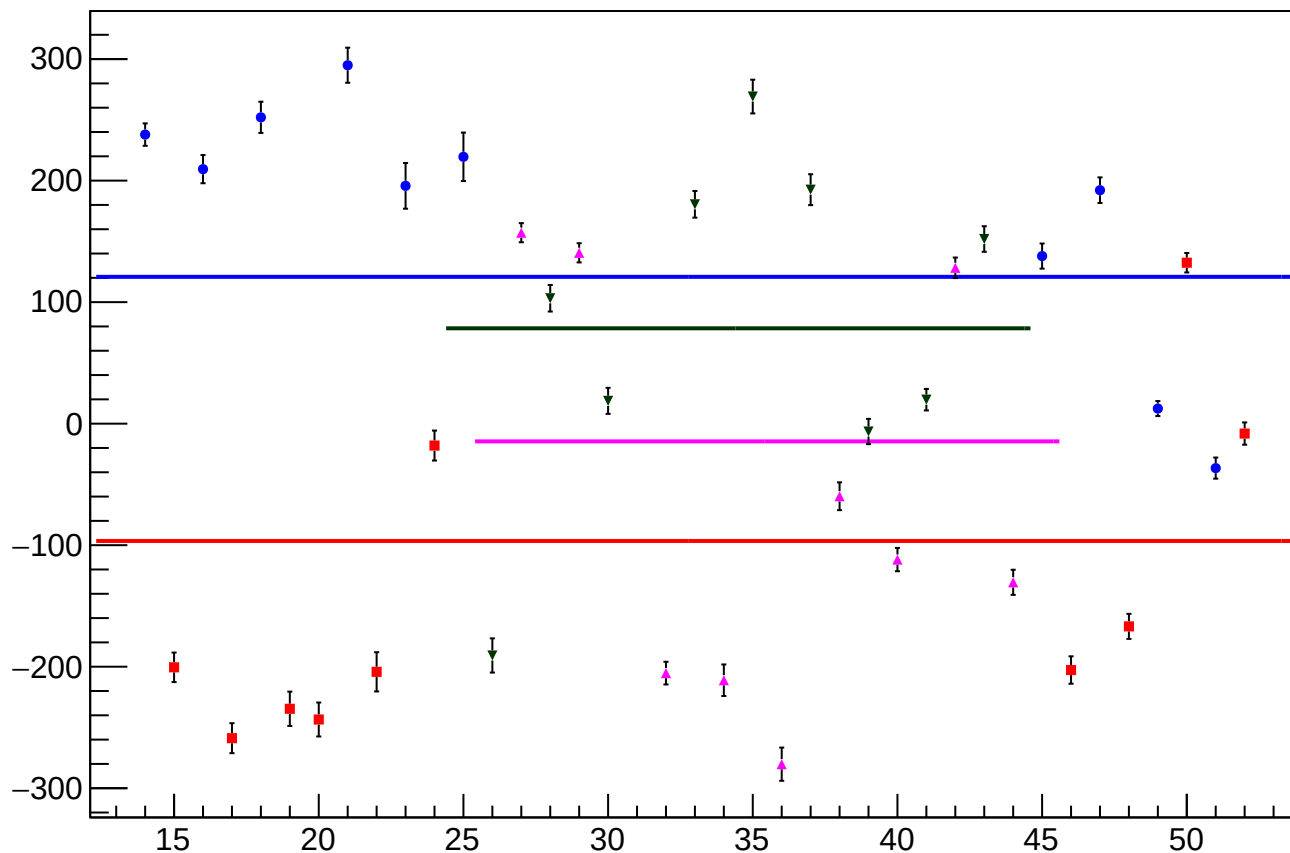
Left Out: -697.208+/-0.498 χ^2/NDF : 4232.4/8

Right Out: 704.656+/-0.529 χ^2/NDF : 8020.7/9

Left In: 688.430+/-0.456 χ^2/NDF : 2965.5/8

0.656+/-0.245 χ^2/NDF : 8148489.4/37

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 120.827+/-3.275 χ^2/NDF : 1194.9/9

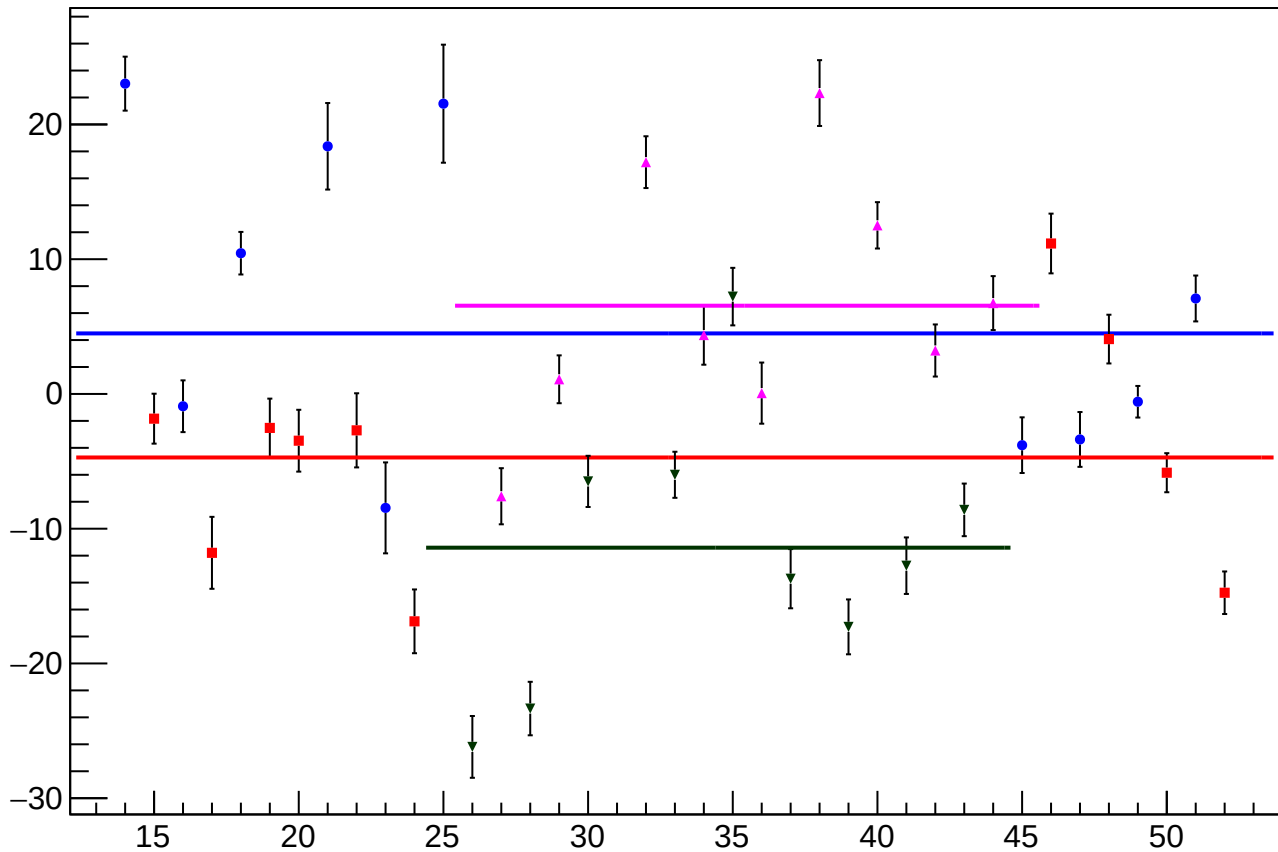
Left Out: 78.457+/-3.704 χ^2/NDF : 917.8/8

Right Out: -96.538+/-3.567 χ^2/NDF : 1580.1/9

Left In: -14.576+/-3.215 χ^2/NDF : 2415.6/8

23.385+/-1.711 χ^2/NDF : 8484.9/37

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 4.492 ± 0.608 χ^2/NDF : 208.4/9

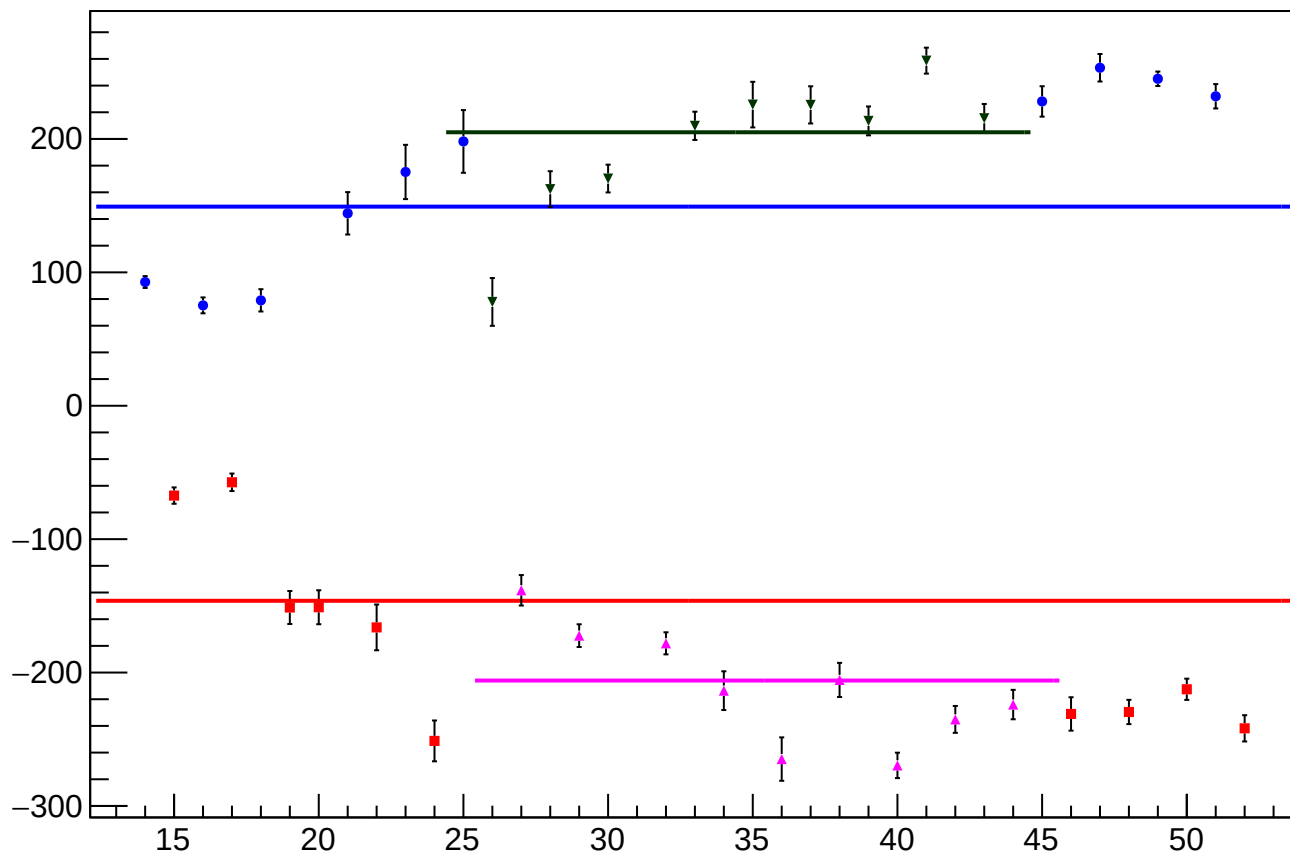
Left Out: -11.409 ± 0.671 χ^2/NDF : 182.6/8

Right Out: -4.715 ± 0.629 χ^2/NDF : 153.6/9

Left In: 6.549 ± 0.668 χ^2/NDF : 152.2/8

-1.075 ± 0.321 χ^2/NDF : 1181.7/37

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 149.275 $\pm$ 2.463 χ^2 /NDF: 938.3/9

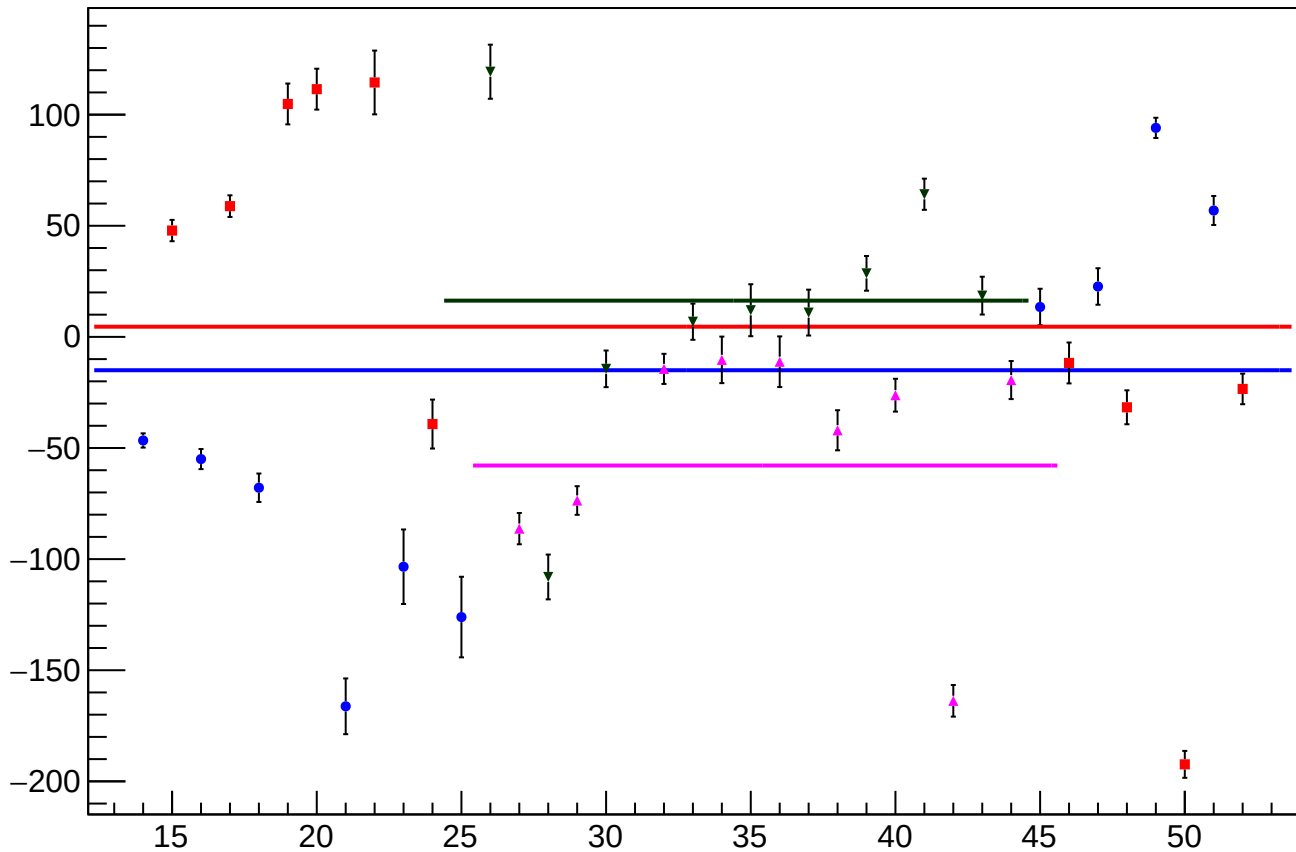
Left Out: 205.016 $\pm$ 3.976 χ^2 /NDF:107.5/8

Right Out: -146.204 $\pm$ 2.951 χ^2 /NDF: 691.3/9

Left In: -205.989 $\pm$ 3.539 χ^2 /NDF:131.2/8

10.264 $\pm$ 1.538 χ^2 /NDF: 13995.8/37

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -15.007 $\pm$ 1.874 χ^2/NDF : 1182.1/9

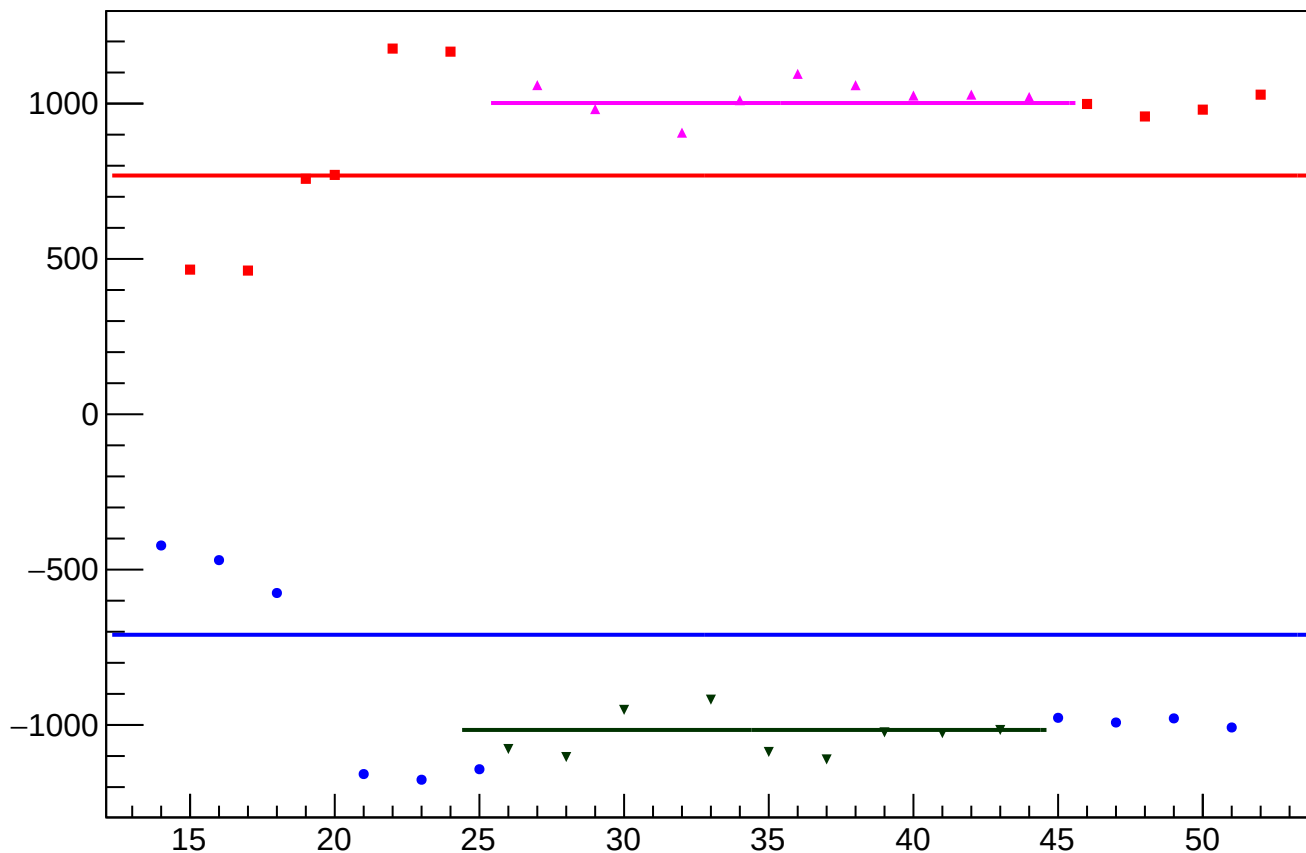
Left Out: 16.311 $\pm$ 2.966 χ^2/NDF : 288.5/8

Right Out: 4.588 $\pm$ 2.237 χ^2/NDF : 1636.8/9

Left In: -57.884 $\pm$ 2.609 χ^2/NDF : 363.4/8

-13.428 $\pm$ 1.158 χ^2/NDF : 3927.2/37

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -709.710+/-0.469 χ^2/NDF : 354740.4/9

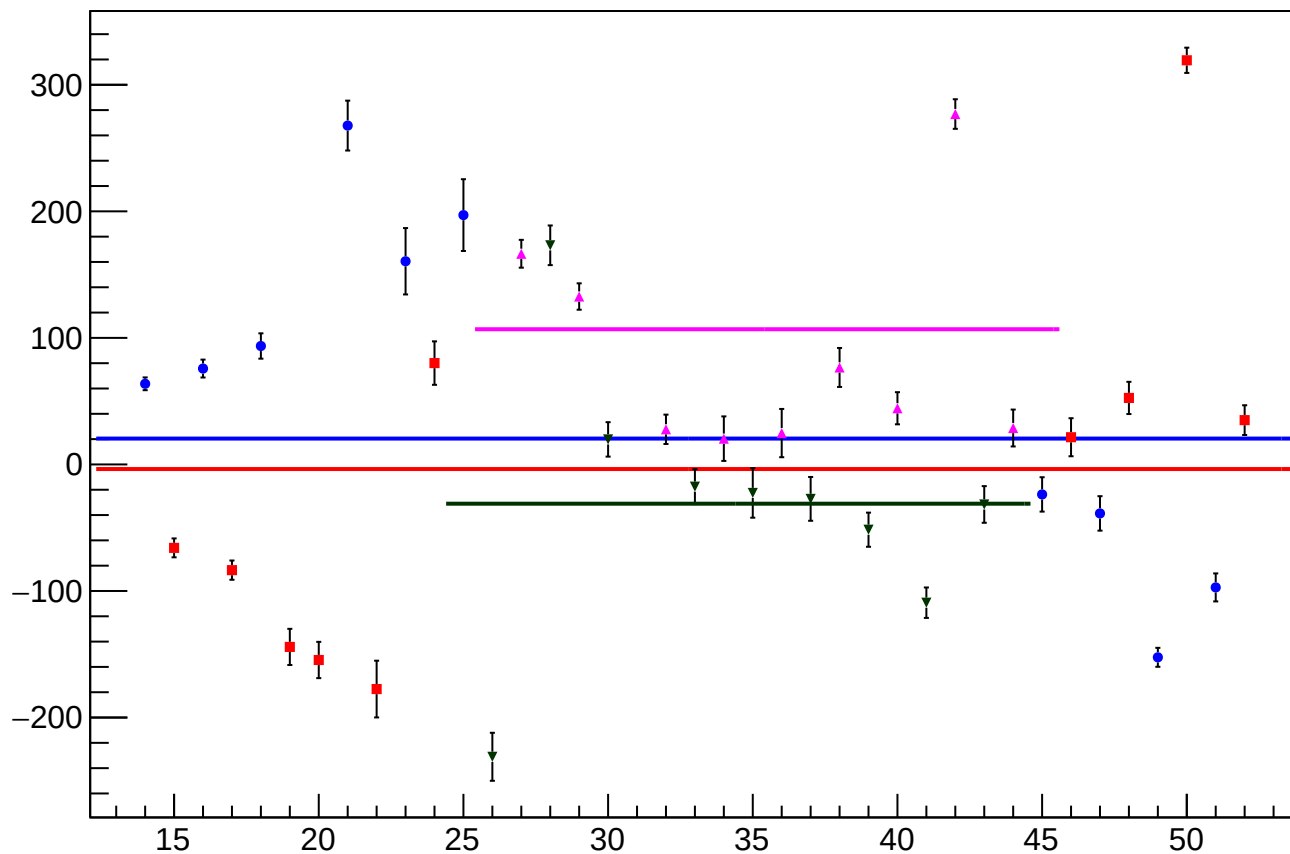
Left Out: -1016.038+/-0.663 χ^2/NDF : 9076.6/8

Right Out: 768.465+/-0.550 χ^2/NDF : 230767.2/9

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-21.119+/-0.279 χ^2/NDF : 9916280.3/37

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 20.439+/-2.997 χ^2/NDF : 1087.7/9

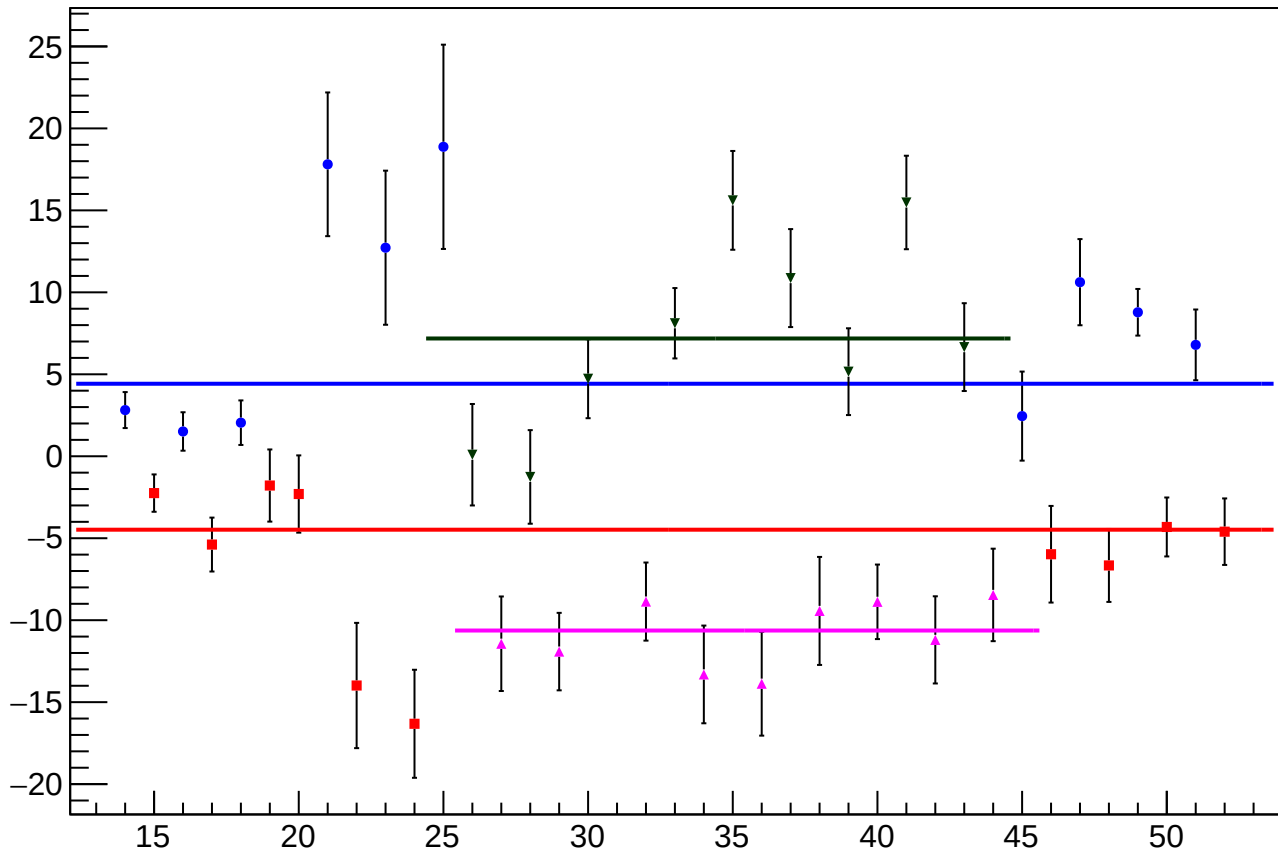
Left Out: -31.022+/-4.960 χ^2/NDF : 340.9/8

Right Out: -3.633+/-3.575 χ^2/NDF : 1552.9/9

Left In: 106.845+/-4.330 χ^2/NDF : 393.2/8

22.673+/-1.878 χ^2/NDF : 3924.5/37

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 4.424 ± 0.558 χ^2/NDF : 45.9/9

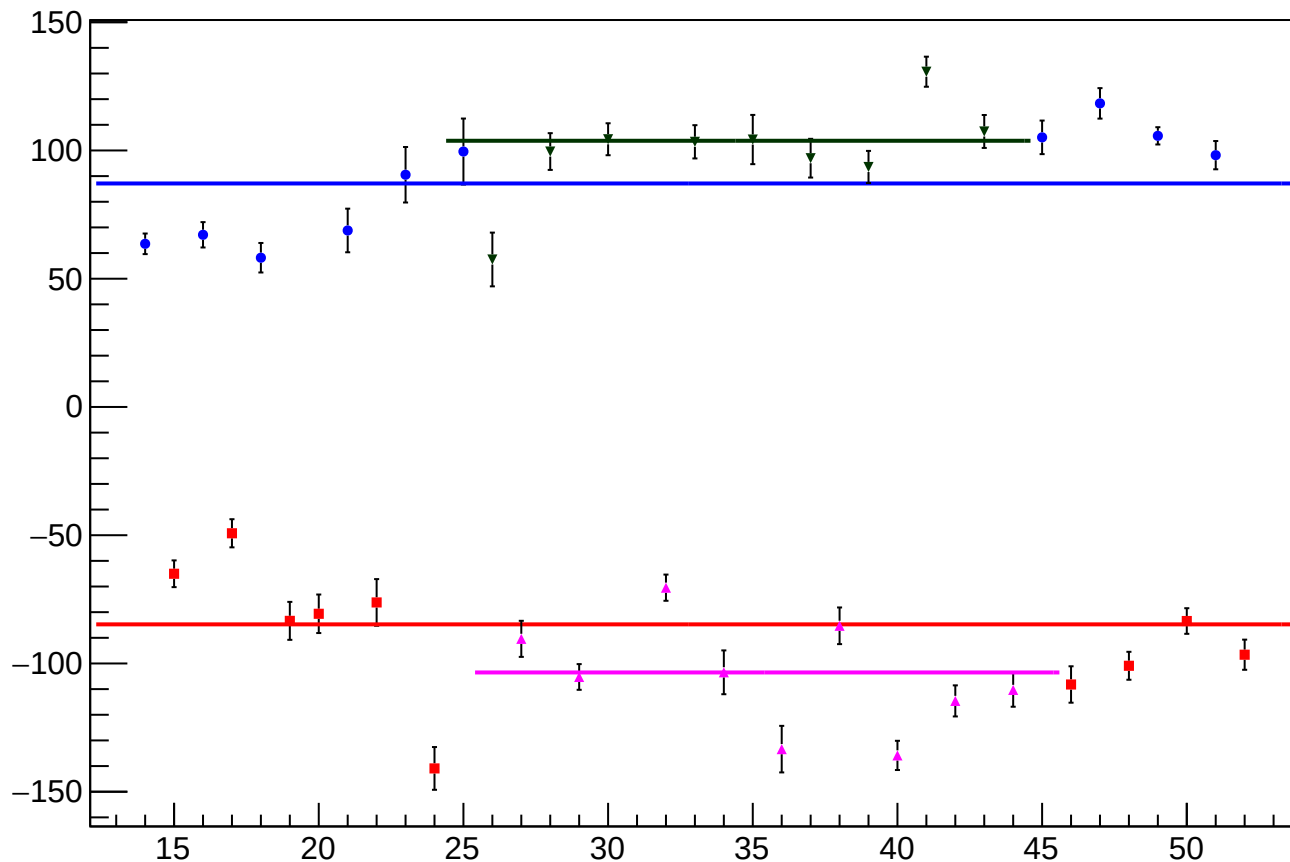
Left Out: 7.185 ± 0.897 χ^2/NDF : 33.7/8

Right Out: -4.480 ± 0.625 χ^2/NDF : 26.8/9

Left In: -10.630 ± 0.898 χ^2/NDF : 4.1/8

-0.182 ± 0.348 χ^2/NDF : 428.8/37

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 87.133+/-1.730 χ^2/NDF : 151.3/9

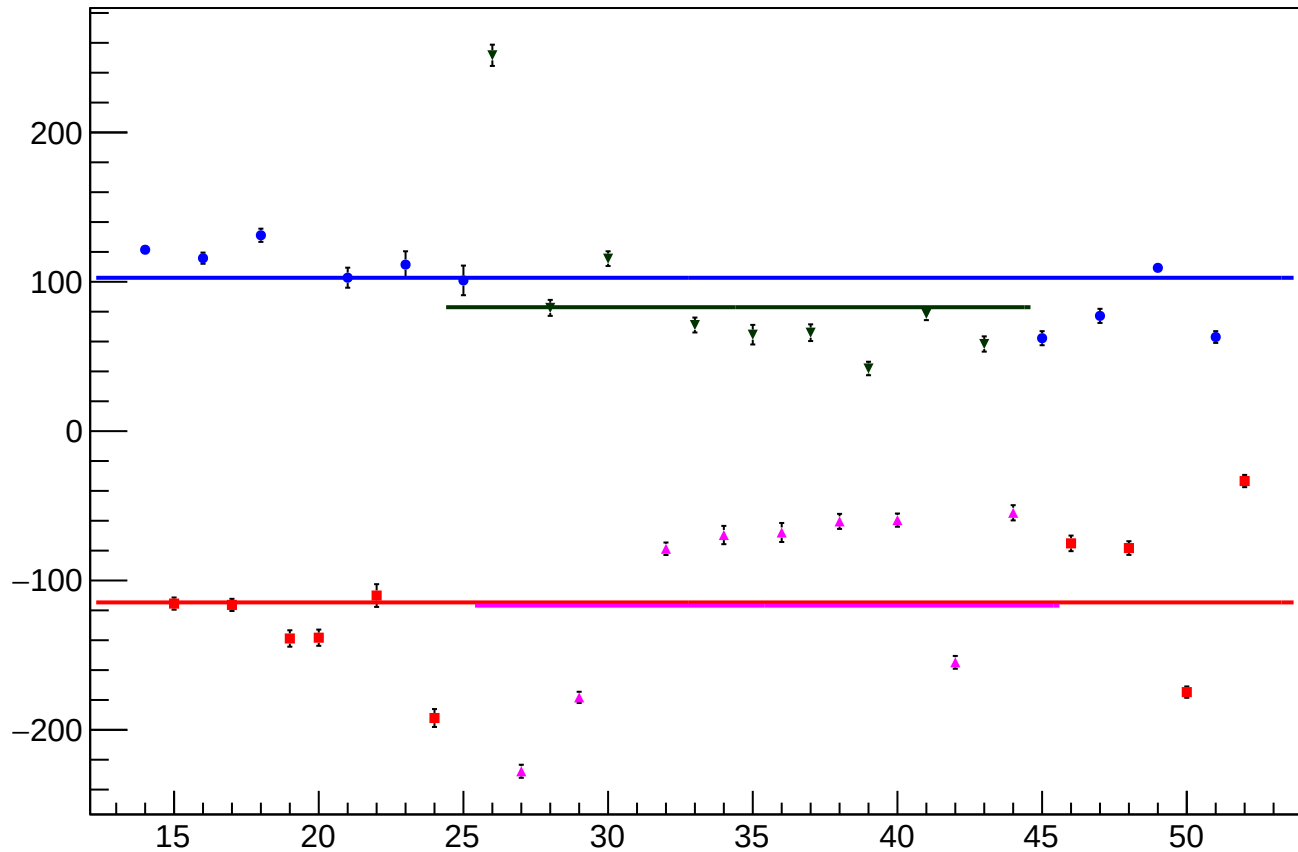
Left Out: 103.778+/-2.323 χ^2/NDF : 44.8/8

Right Out: -84.755+/-1.980 χ^2/NDF : 126.7/9

Left In: -103.505+/-2.108 χ^2/NDF : 99.4/8

3.452+/-1.000 χ^2/NDF : 9187.3/37

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 102.688 $\pm$ 1.331 χ^2 /NDF: 306.7/9

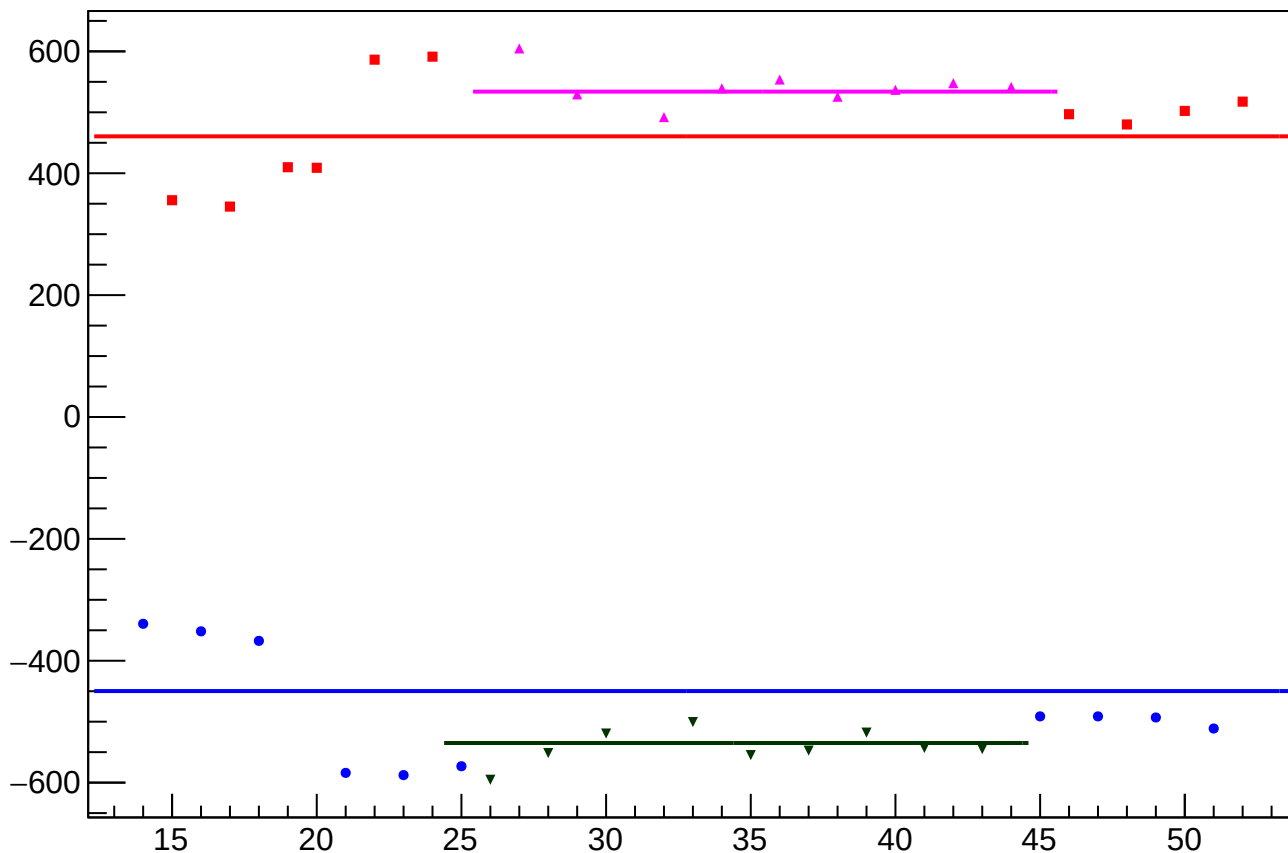
Left Out: 82.987 $\pm$ 1.731 χ^2 /NDF: 733.8/8

Right Out: -114.676 $\pm$ 1.498 χ^2 /NDF: 968.0/9

Left In: -116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

-7.885 $\pm$ 0.754 χ^2 /NDF: 23310.3/37

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -449.760+/-0.325 χ^2/NDF : 63285.5/9

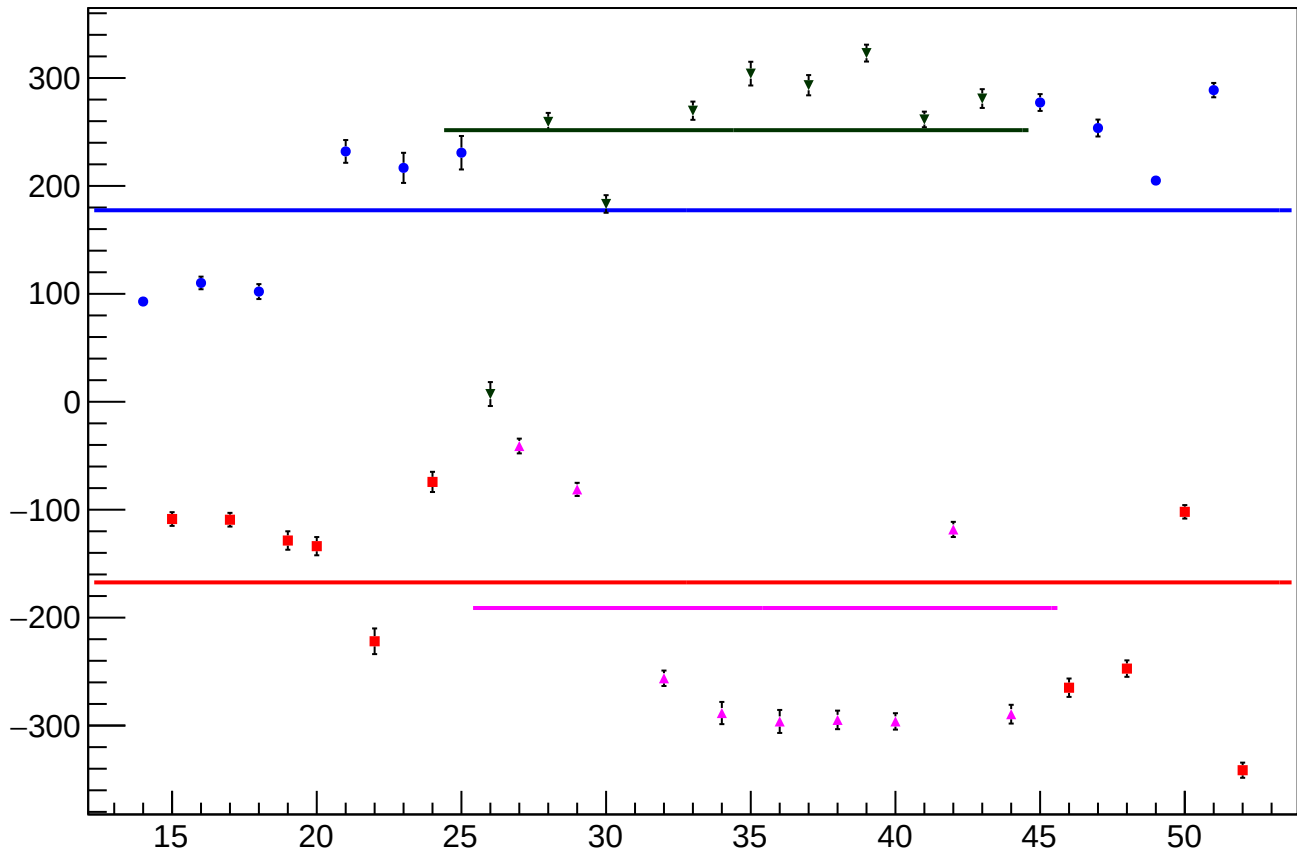
Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

Right Out: 460.554+/-0.364 χ^2/NDF : 44469.7/9

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-7.991+/-0.179 χ^2/NDF : 7723689.6/37

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 177.443 ± 2.144 $\chi^2/\text{NDF}: 1212.8/9$

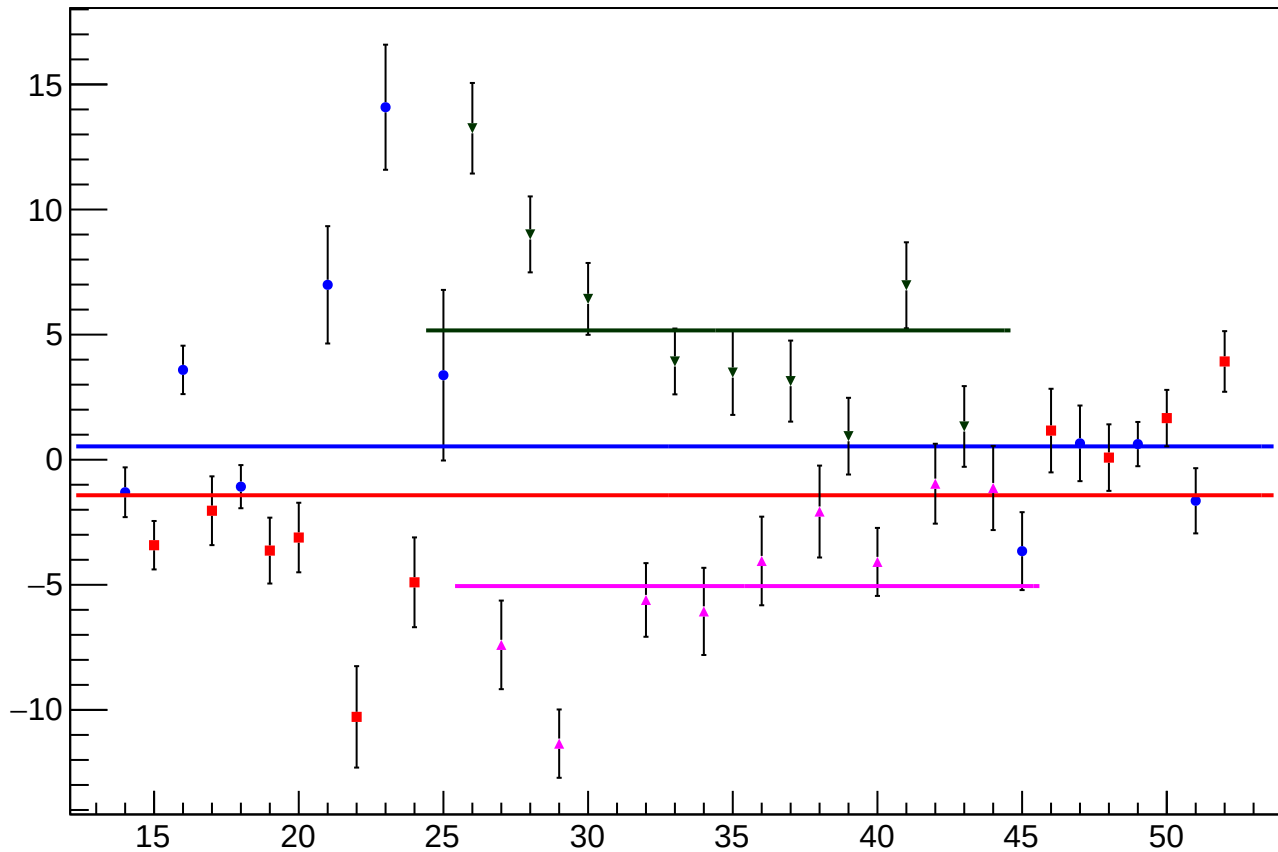
Left Out: 251.665 ± 2.888 $\chi^2/\text{NDF}: 700.3/8$

16.839 ± 1.230 $\chi^2/\text{NDF}: 29441.3/37$

Right Out: -167.364 ± 2.407 $\chi^2/\text{NDF}: 1289.4/9$

Left In: -191.089 ± 2.577 $\chi^2/\text{NDF}: 1650.2/8$

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.533 ± 0.390 χ^2/NDF : 64.6/9

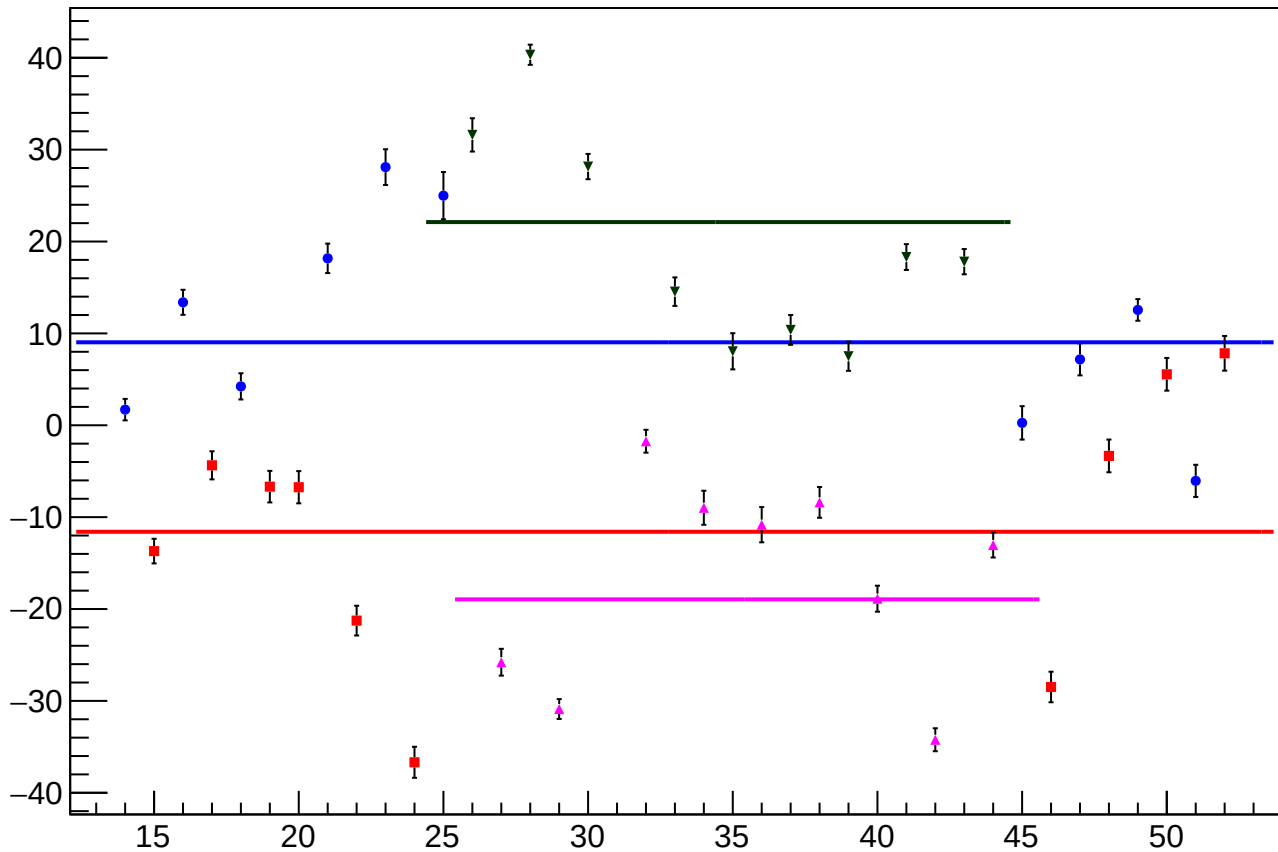
Left Out: 5.168 ± 0.521 χ^2/NDF : 44.9/8

Right Out: -1.421 ± 0.421 χ^2/NDF : 62.2/9

Left In: -5.051 ± 0.531 χ^2/NDF : 39.0/8

-0.175 ± 0.227 χ^2/NDF : 412.2/37

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 9.030+/-0.485 χ^2/NDF : 335.4/9

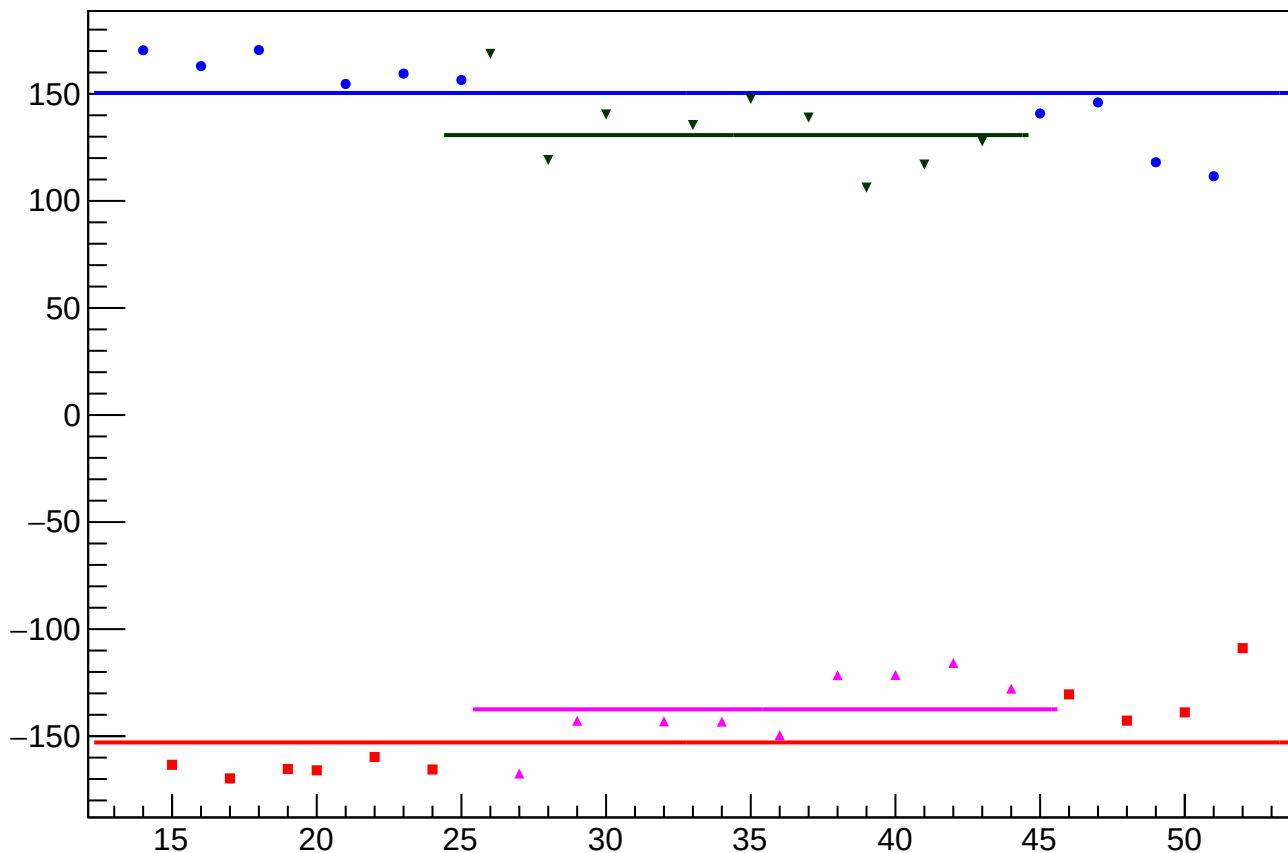
Left Out: 22.117+/-0.491 χ^2/NDF : 551.8/8

Right Out: -11.591+/-0.523 χ^2/NDF : 620.6/9

Left In: -18.949+/-0.468 χ^2/NDF : 590.0/8

0.070+/-0.245 χ^2/NDF : 6606.6/37

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 150.407 $\pm$ 0.375 χ^2 /NDF: 3123.6/9

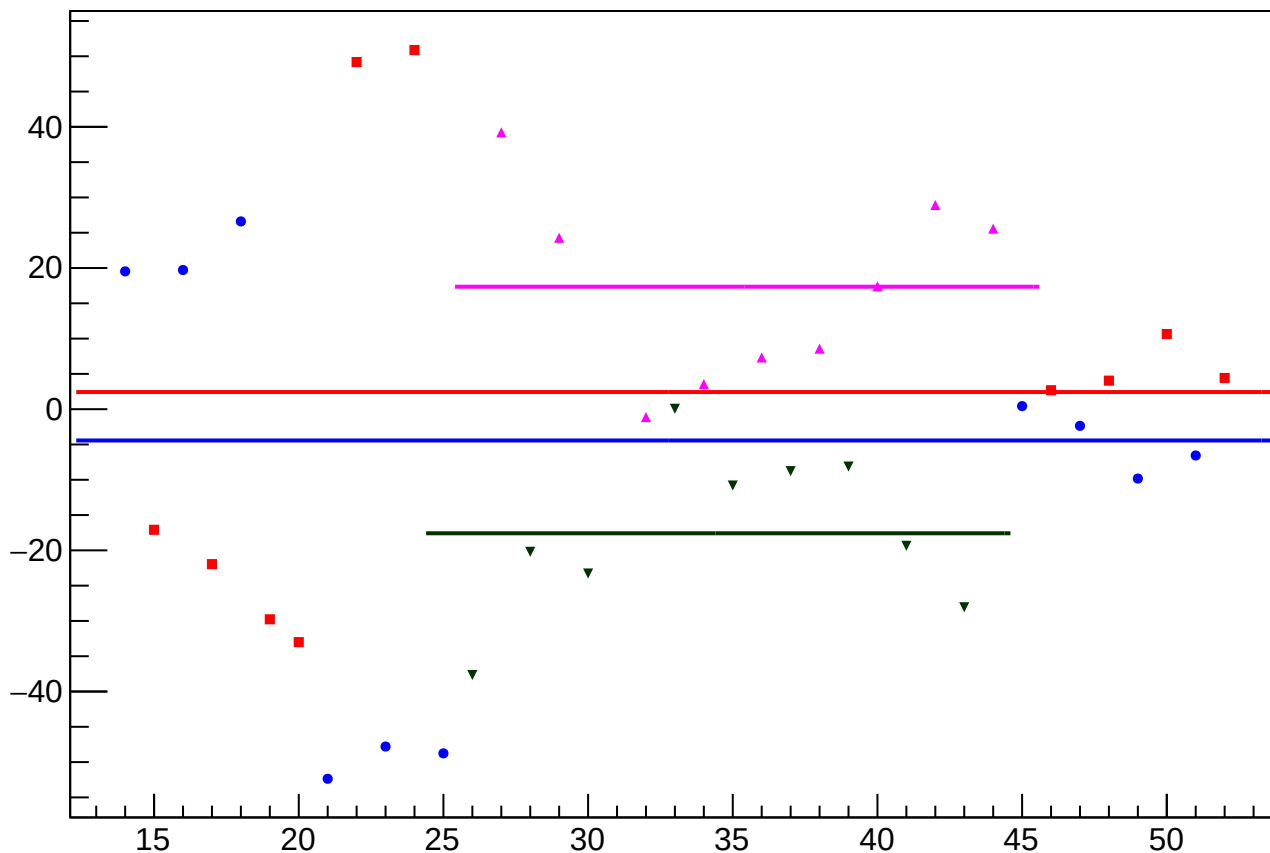
Left Out: 130.746 $\pm$ 0.370 χ^2 /NDF: 2040.6/8

Right Out: -152.918 $\pm$ 0.398 χ^2 /NDF: 2211.1/9

Left In: -137.445 $\pm$ 0.345 χ^2 /NDF: 2221.8/8

-3.245 $\pm$ 0.185 χ^2 /NDF: 600537.6/37

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -4.433+/-0.090 χ^2/NDF : 87306.8/9

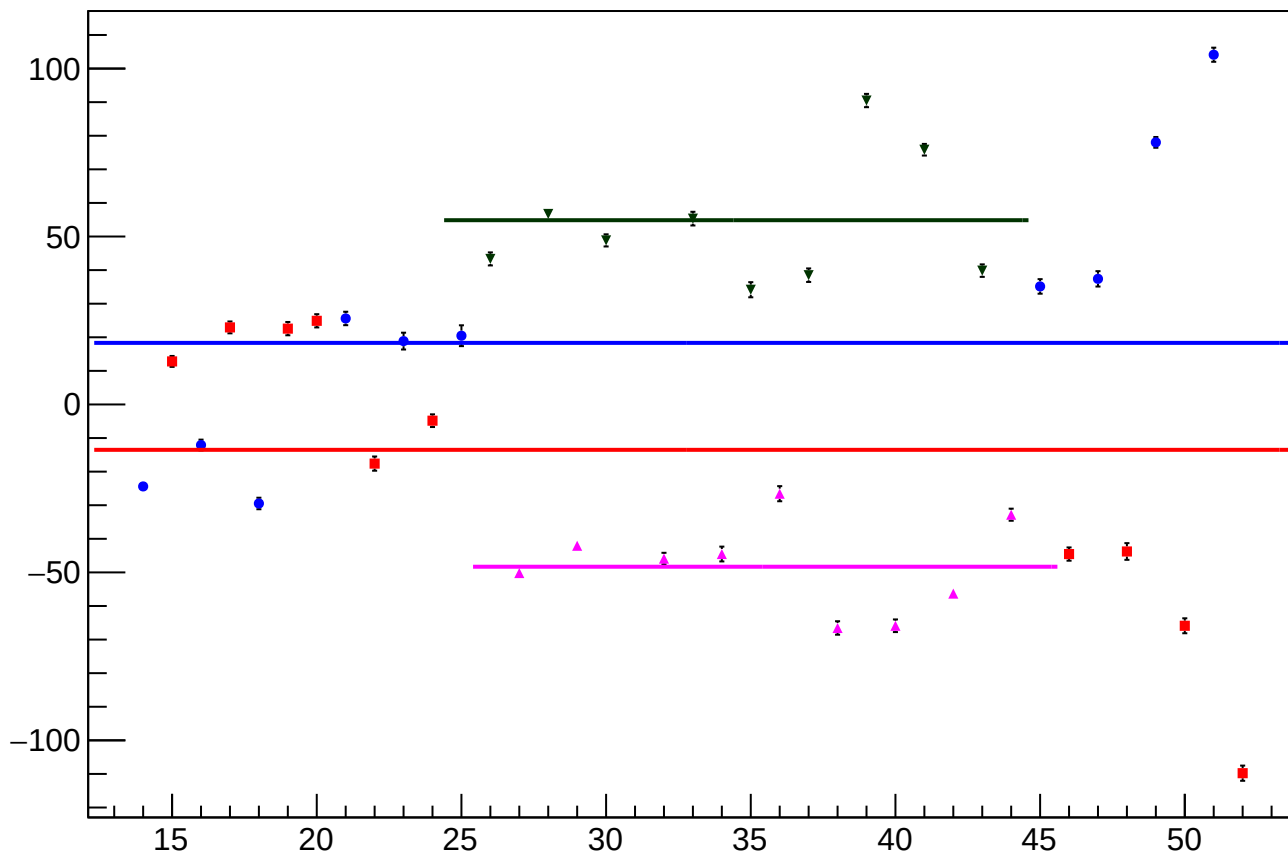
Left Out: -17.579+/-0.083 χ^2/NDF :15734.3/8

Right Out: 2.428+/-0.096 χ^2/NDF : 82616.7/9

Left In: 17.353+/-0.080 χ^2/NDF :25926.3/8

-0.313+/-0.043 χ^2/NDF : 306710.0/37

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 18.333+/-0.595 χ^2/NDF : 5358.7/9

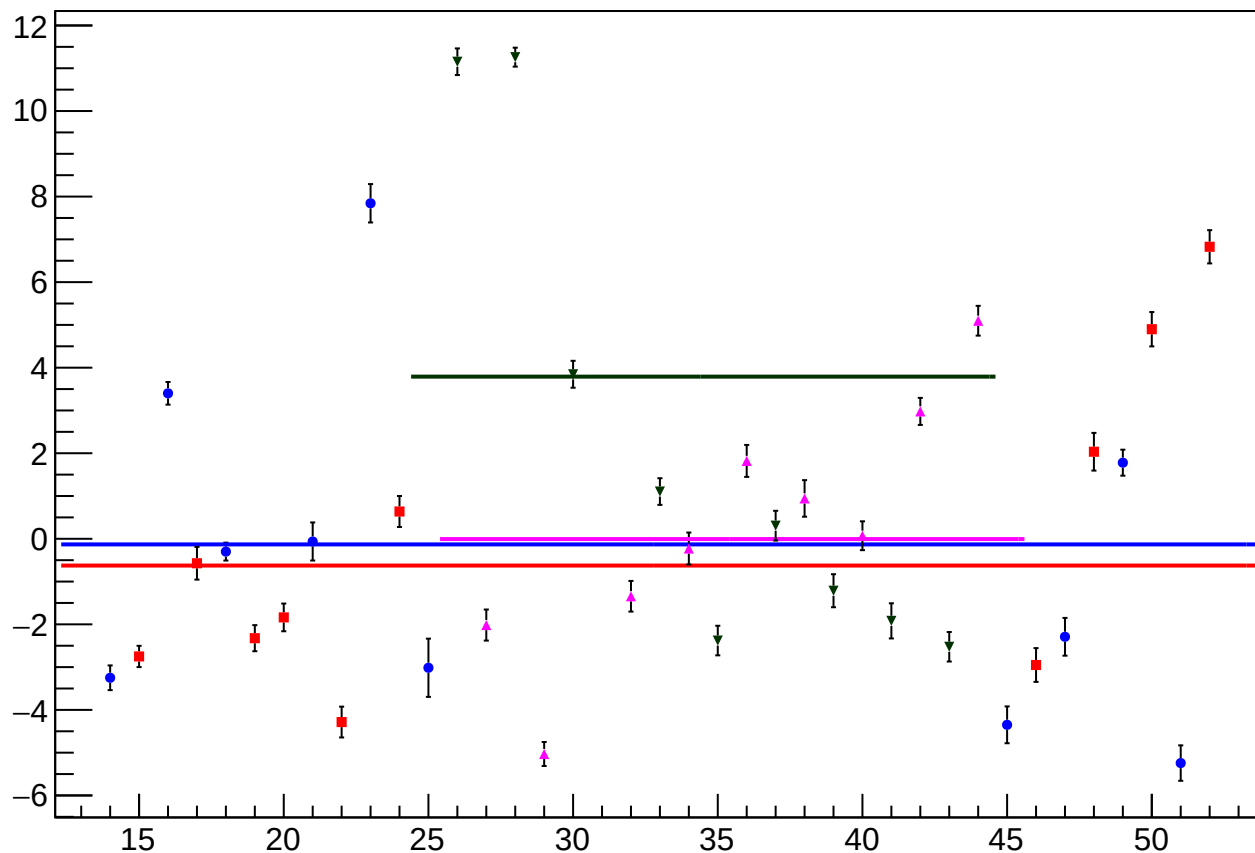
Left Out: 54.857+/-0.602 χ^2/NDF : 733.3/8

Right Out: -13.510+/-0.629 χ^2/NDF : 4179.3/9

Left In: -48.311+/-0.562 χ^2/NDF : 400.4/8

1.414+/-0.298 χ^2/NDF : 27776.9/37

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -0.131 ± 0.106 χ^2/NDF : 940.7/9

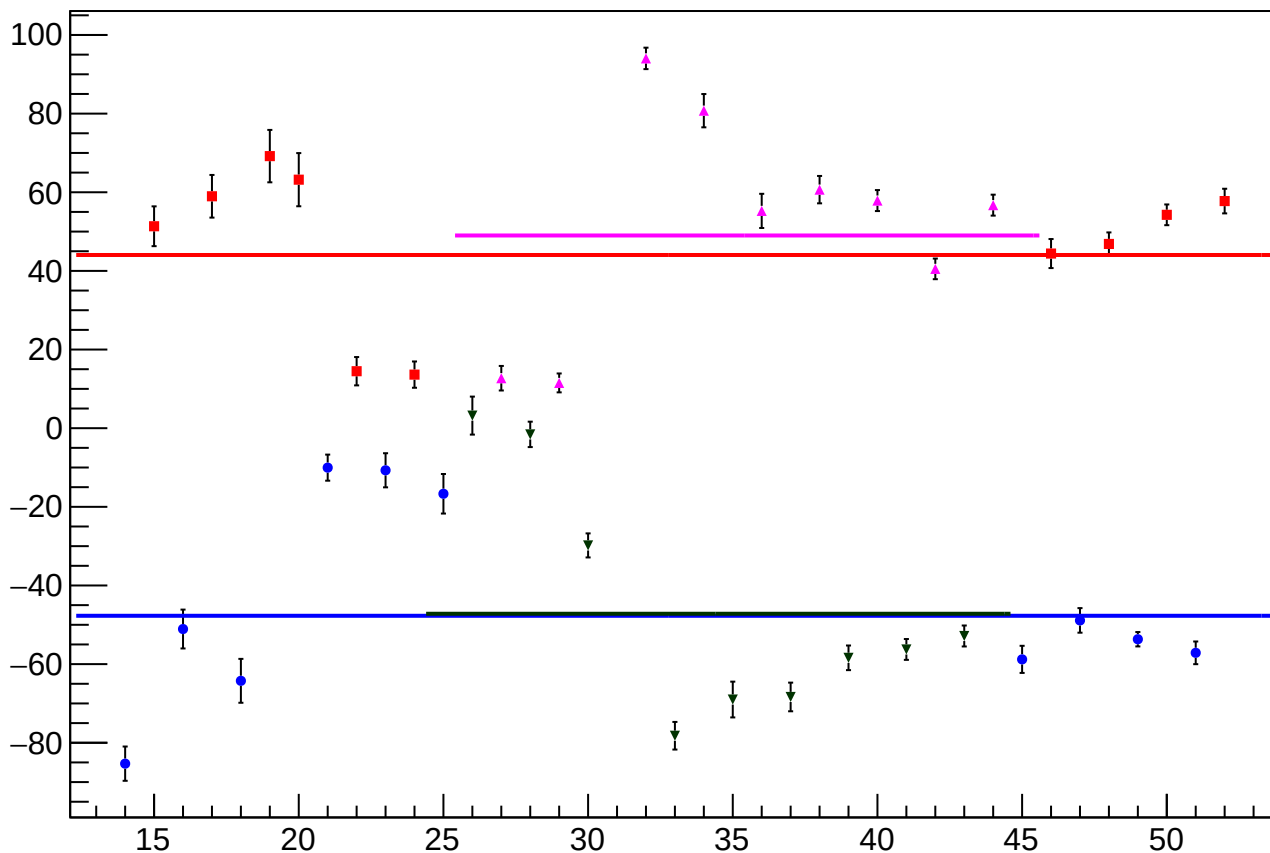
Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

Right Out: -0.625 ± 0.110 χ^2/NDF : 861.5/9

Left In: -0.006 ± 0.116 χ^2/NDF : 698.3/8

0.812 ± 0.055 χ^2/NDF : 6471.9/37

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -47.706+/-1.045 χ^2/NDF : 355.3/9

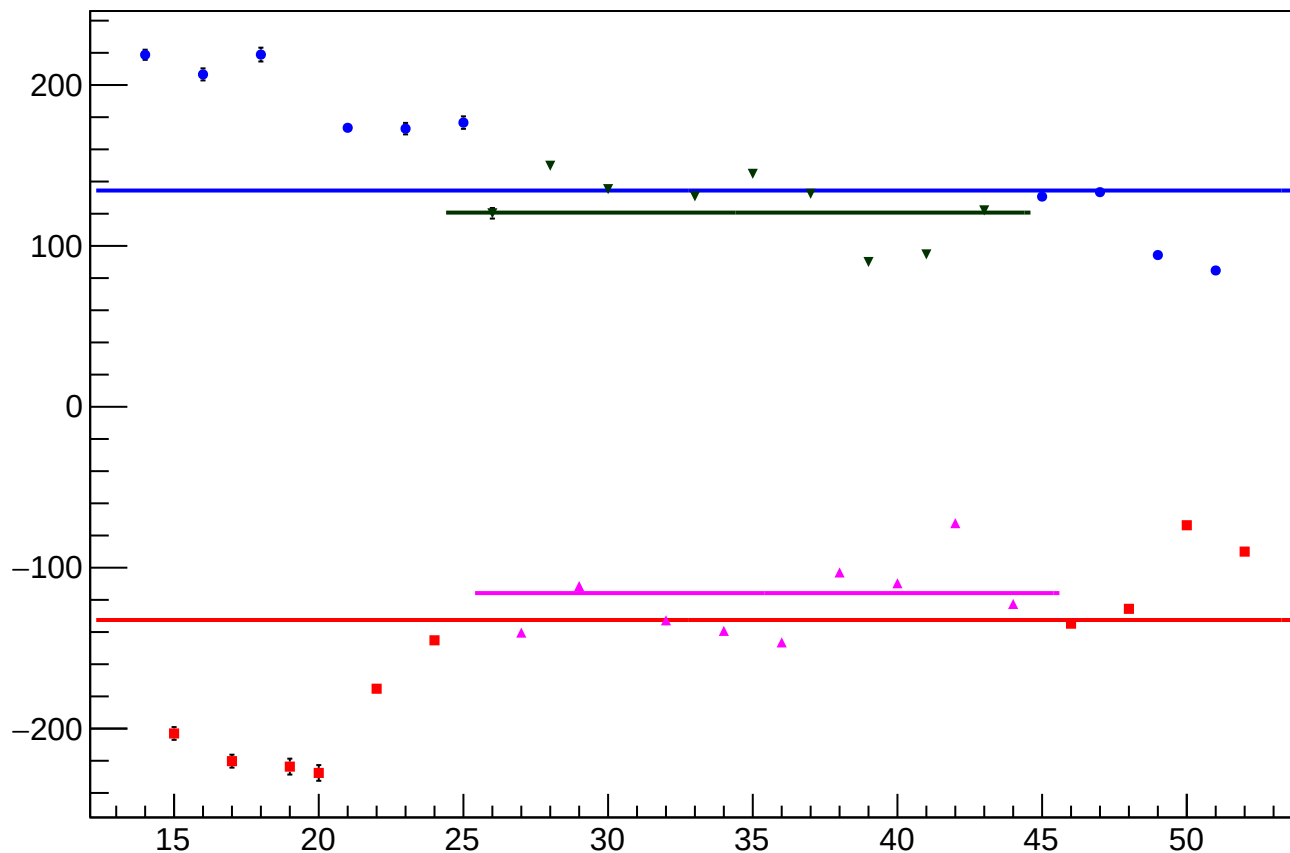
Left Out: -47.193+/-1.094 χ^2/NDF : 504.1/8

Right Out: 44.047+/-1.179 χ^2/NDF : 217.2/9

Left In: 49.009+/-0.986 χ^2/NDF : 751.0/8

-0.280+/-0.535 χ^2/NDF : 9635.3/37

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 134.419+/-0.816 χ^2/NDF : 3196.2/9

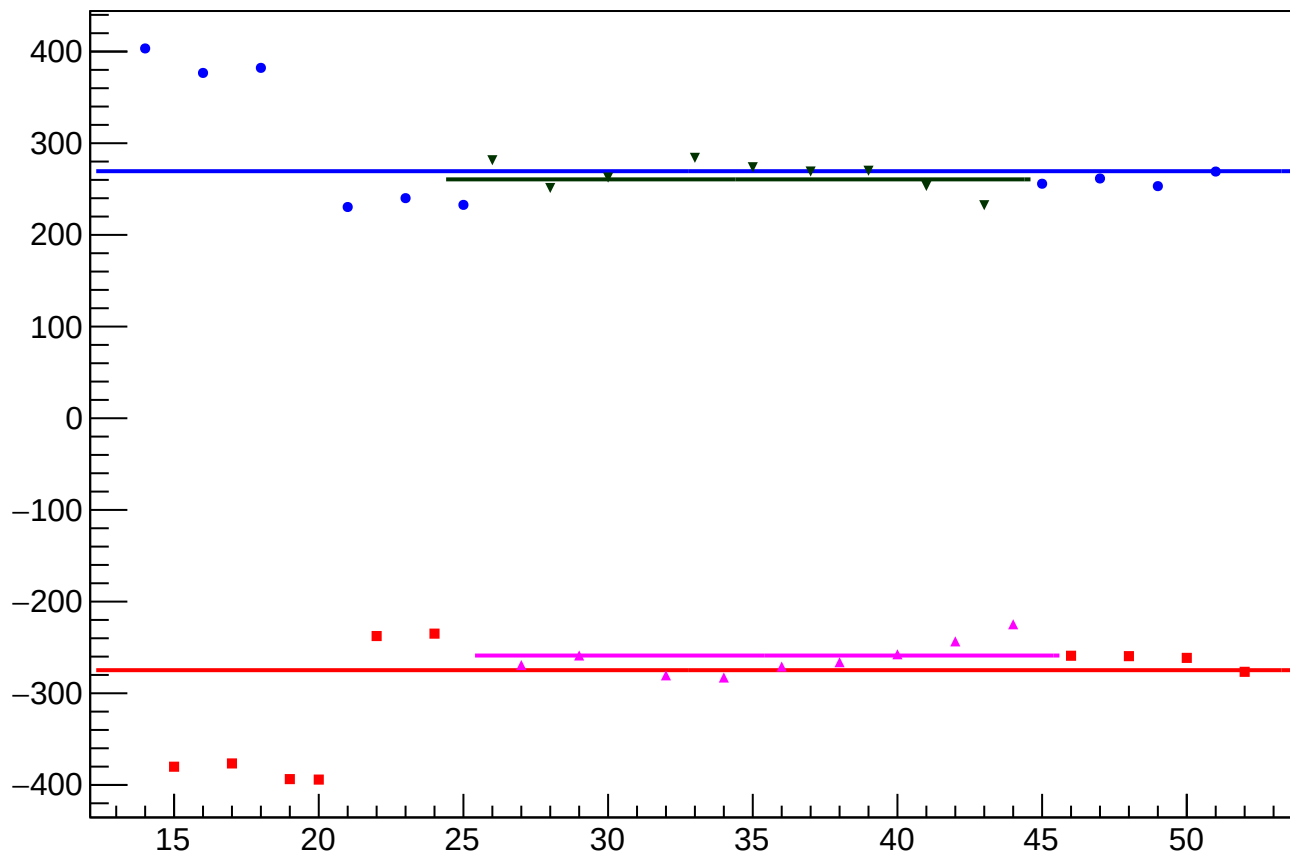
Left Out: 120.704+/-0.817 χ^2/NDF : 639.7/8

Right Out: -132.513+/-0.894 χ^2/NDF : 2995.5/9

Left In: -115.783+/-0.721 χ^2/NDF : 983.2/8

-0.907+/-0.403 χ^2/NDF : 104492.4/37

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 269.497 ± 0.192 χ^2/NDF : 58737.0/9

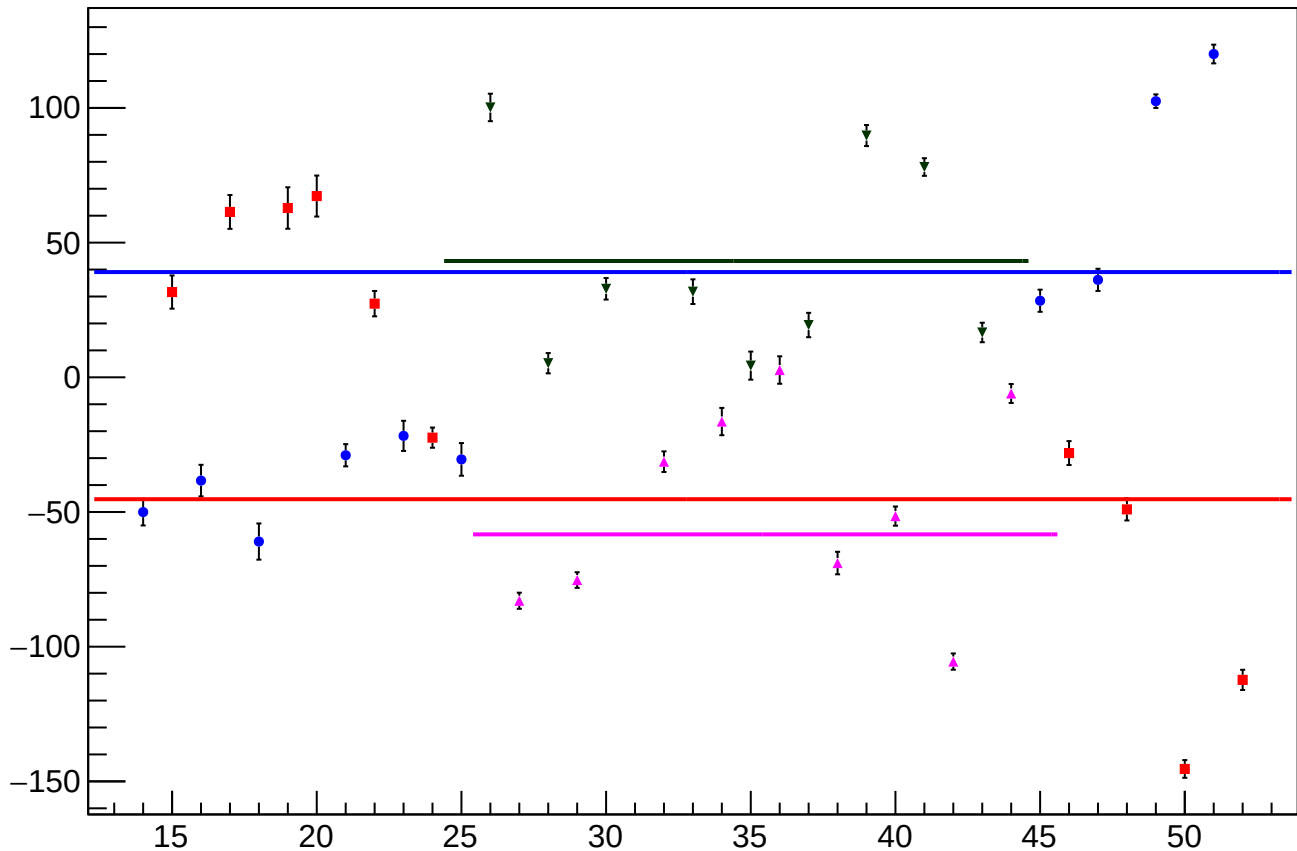
Left Out: 260.566 ± 0.183 χ^2/NDF : 7890.4/8

Right Out: -274.802 ± 0.213 χ^2/NDF : 47151.2/9

Left In: -258.829 ± 0.170 χ^2/NDF : 11543.7/8

-0.172 ± 0.094 χ^2/NDF : 8092603.6/37

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 39.073+/-1.326 χ^2/NDF : 2425.1/9

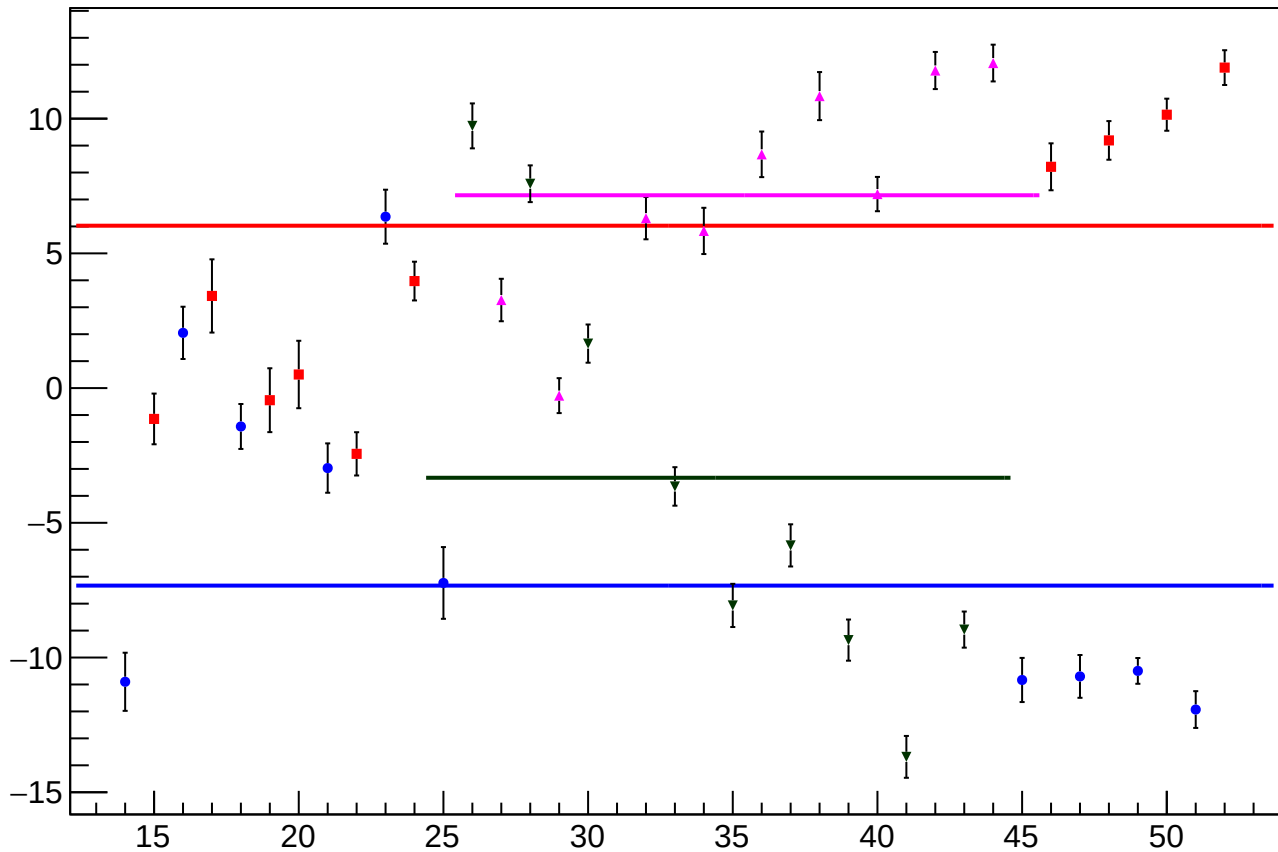
Left Out: 43.180+/-1.361 χ^2/NDF : 631.7/8

Right Out: -45.250+/-1.449 χ^2/NDF : 2398.4/9

Left In: -58.309+/-1.192 χ^2/NDF : 839.2/8

-7.440+/-0.661 χ^2/NDF : 11409.5/37

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -7.330 ± 0.252 χ^2/NDF : 489.5/9

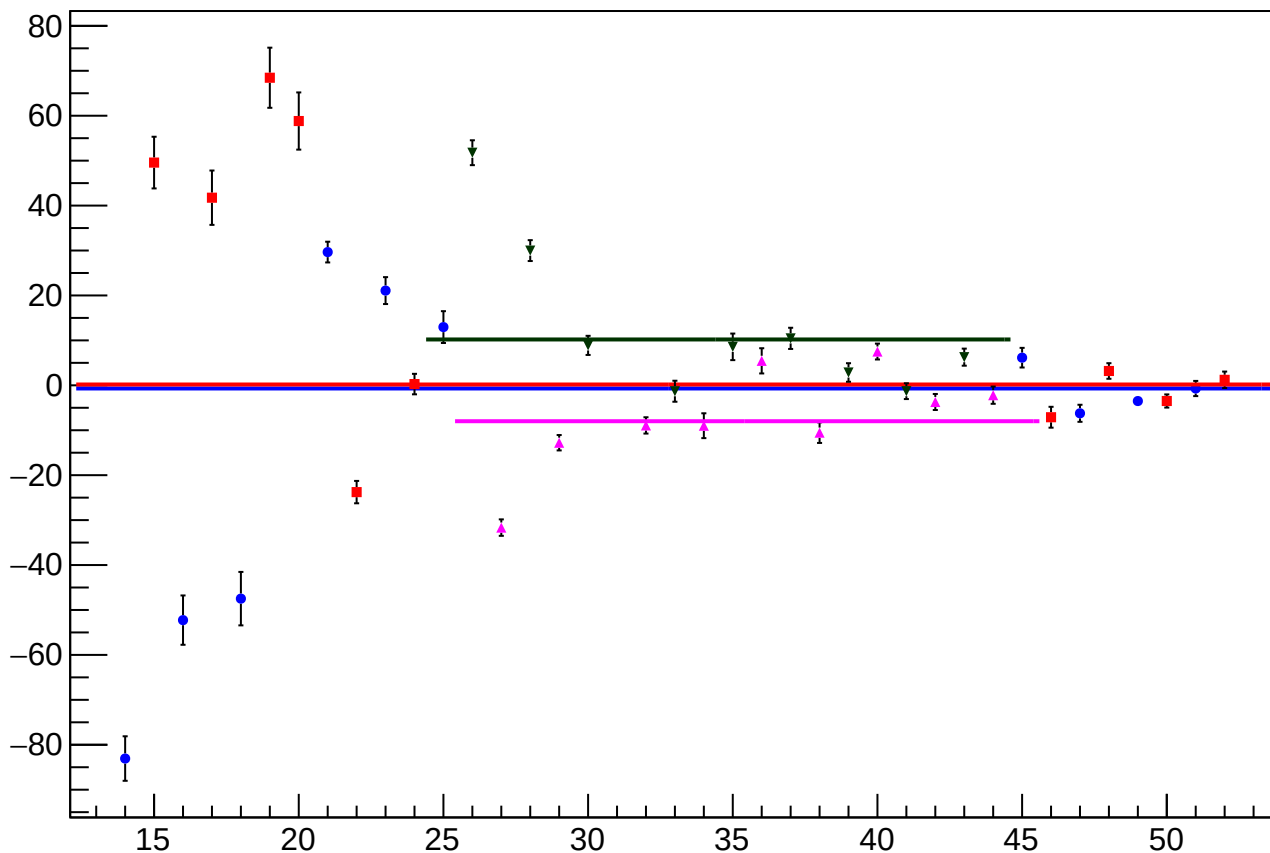
Left Out: -3.328 ± 0.248 χ^2/NDF : 906.6/8

Right Out: 6.027 ± 0.258 χ^2/NDF : 386.8/9

Left In: 7.157 ± 0.247 χ^2/NDF : 276.6/8

0.598 ± 0.126 χ^2/NDF : 4443.6/37

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.705+/-0.660 χ^2 /NDF: 693.3/9

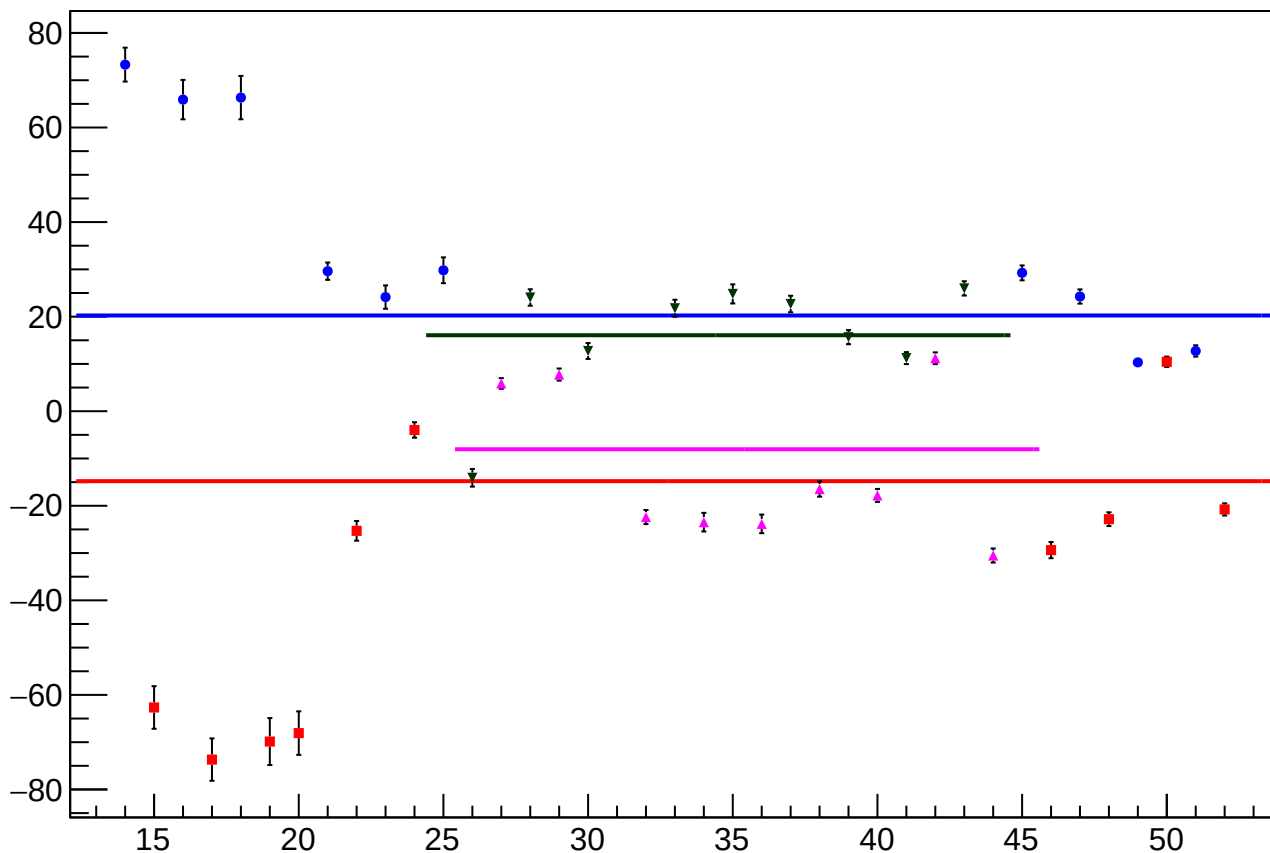
Left Out: 10.204+/-0.735 χ^2 /NDF:382.8/8

Right Out: 0.181+/-0.759 χ^2 /NDF: 421.9/9

Left In: -7.990+/-0.660 χ^2 /NDF:291.3/8

-0.096+/-0.350 χ^2 /NDF: 2129.7/37

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 20.246 $\pm$ 0.519 χ^2/NDF : 697.1/9

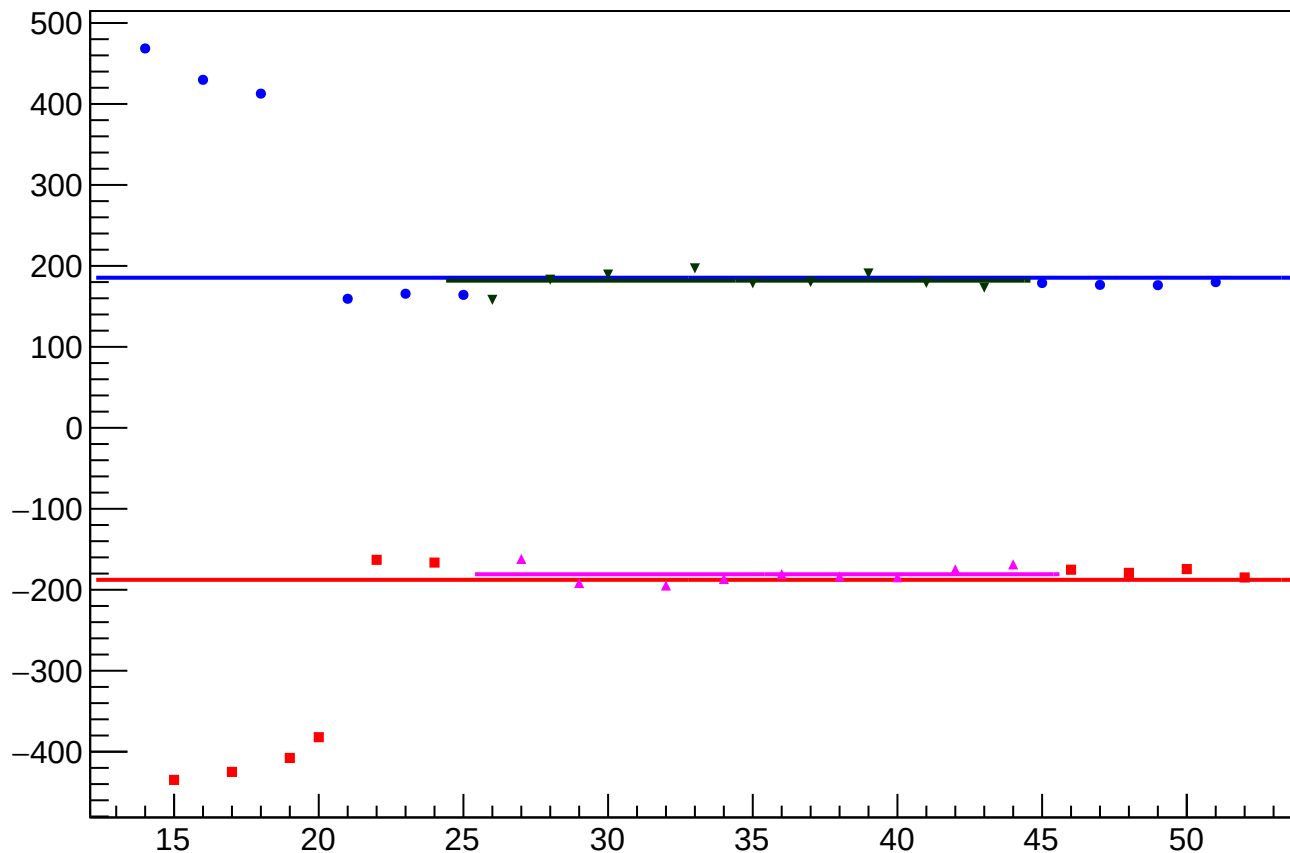
Left Out: 16.069 $\pm$ 0.546 χ^2/NDF : 386.1/8

Right Out: -14.796 $\pm$ 0.574 χ^2/NDF : 1261.6/9

Left In: -8.048 $\pm$ 0.478 χ^2/NDF : 1067.9/8

3.391 $\pm$ 0.263 χ^2/NDF : 6584.1/37

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 185.406+/-0.122 χ^2/NDF : 188695.0/9

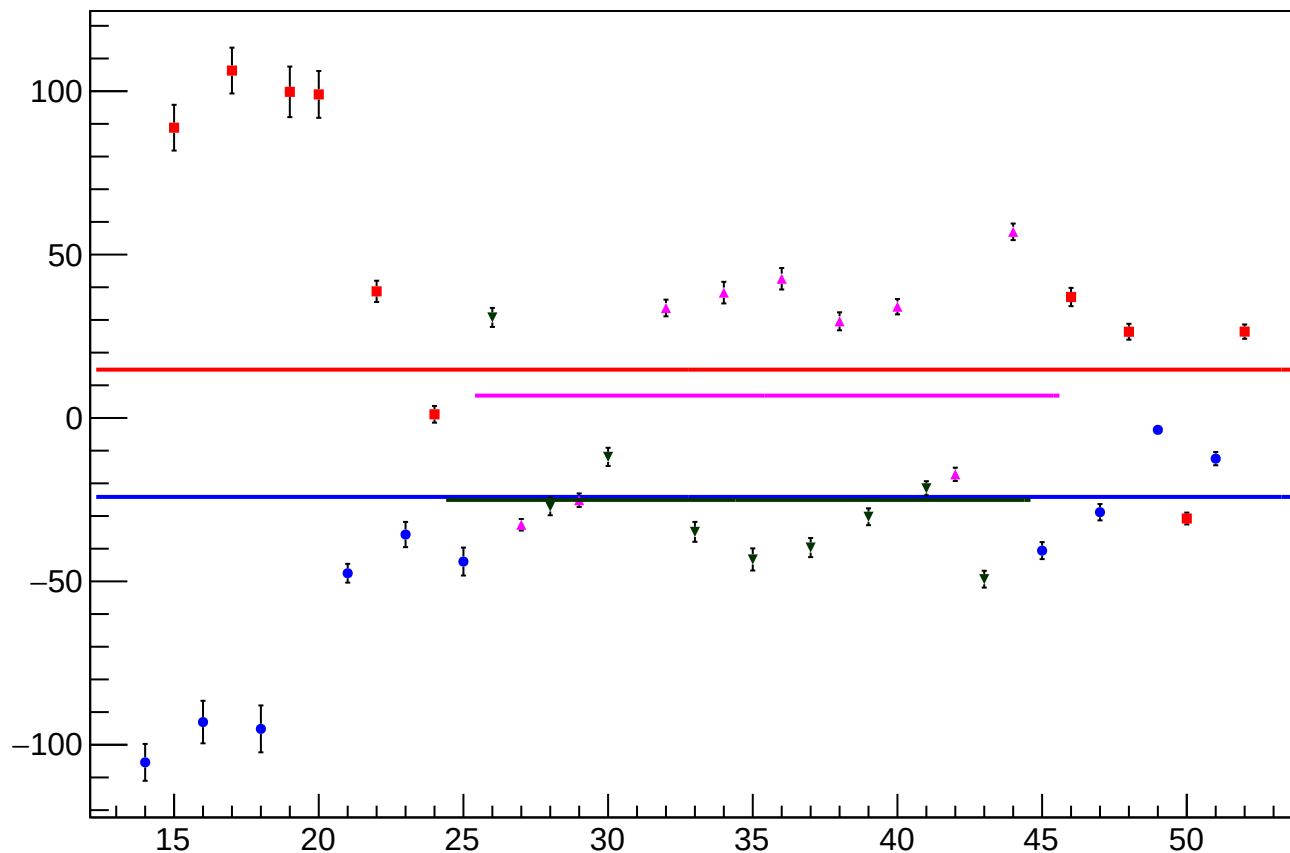
Left Out: 181.782+/-0.123 χ^2/NDF : 6553.1/8

Right Out: -187.730+/-0.136 χ^2/NDF : 153259.7/9

Left In: -180.835+/-0.114 χ^2/NDF : 8962.0/8

1.026+/-0.061 χ^2/NDF : 9280078.6/37

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -24.154 ± 0.850 χ^2/NDF : 807.6/9

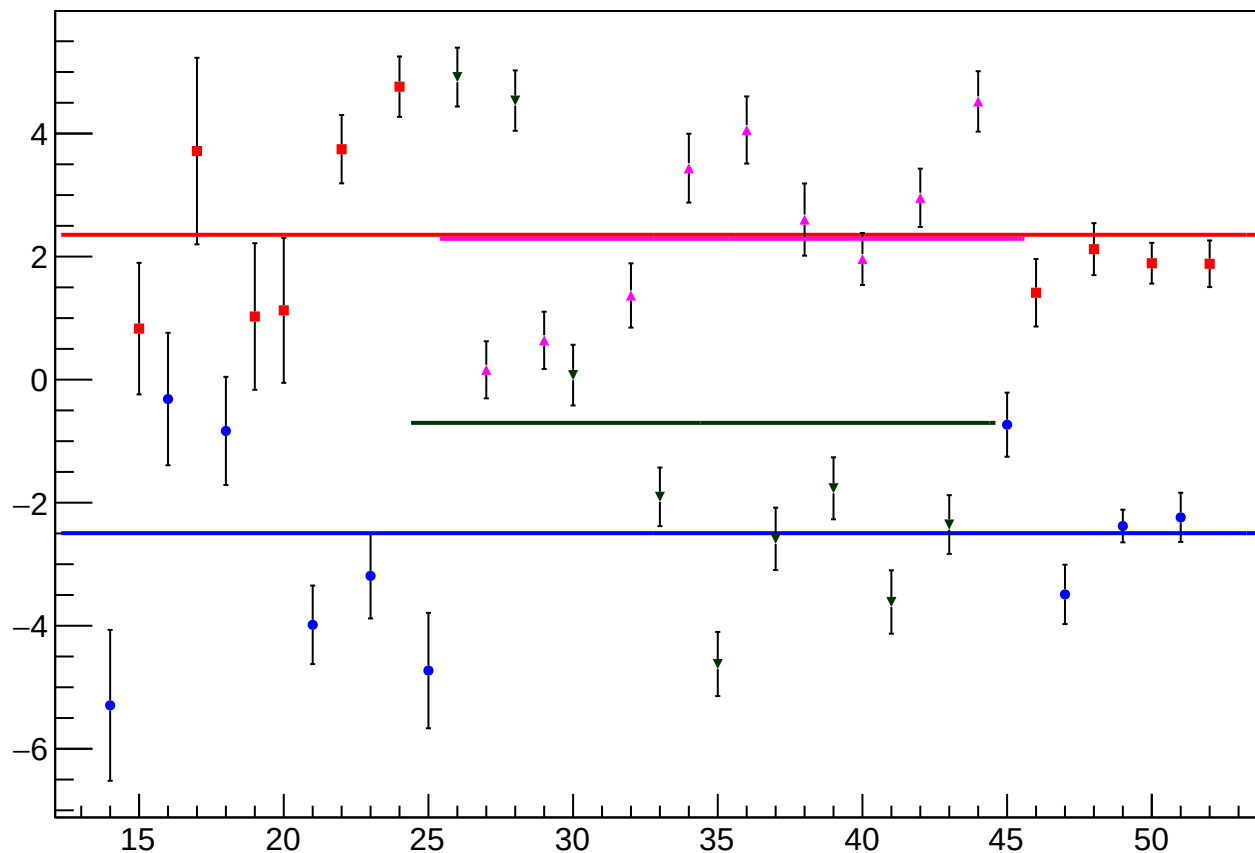
Left Out: -25.070 ± 0.909 χ^2/NDF : 550.5/8

Right Out: 14.793 ± 0.940 χ^2/NDF : 1366.9/9

Left In: 6.850 ± 0.790 χ^2/NDF : 1794.2/8

-6.760 ± 0.433 χ^2/NDF : 6165.4/37

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.495 ± 0.165 $\chi^2/\text{NDF}: 41.3/9$

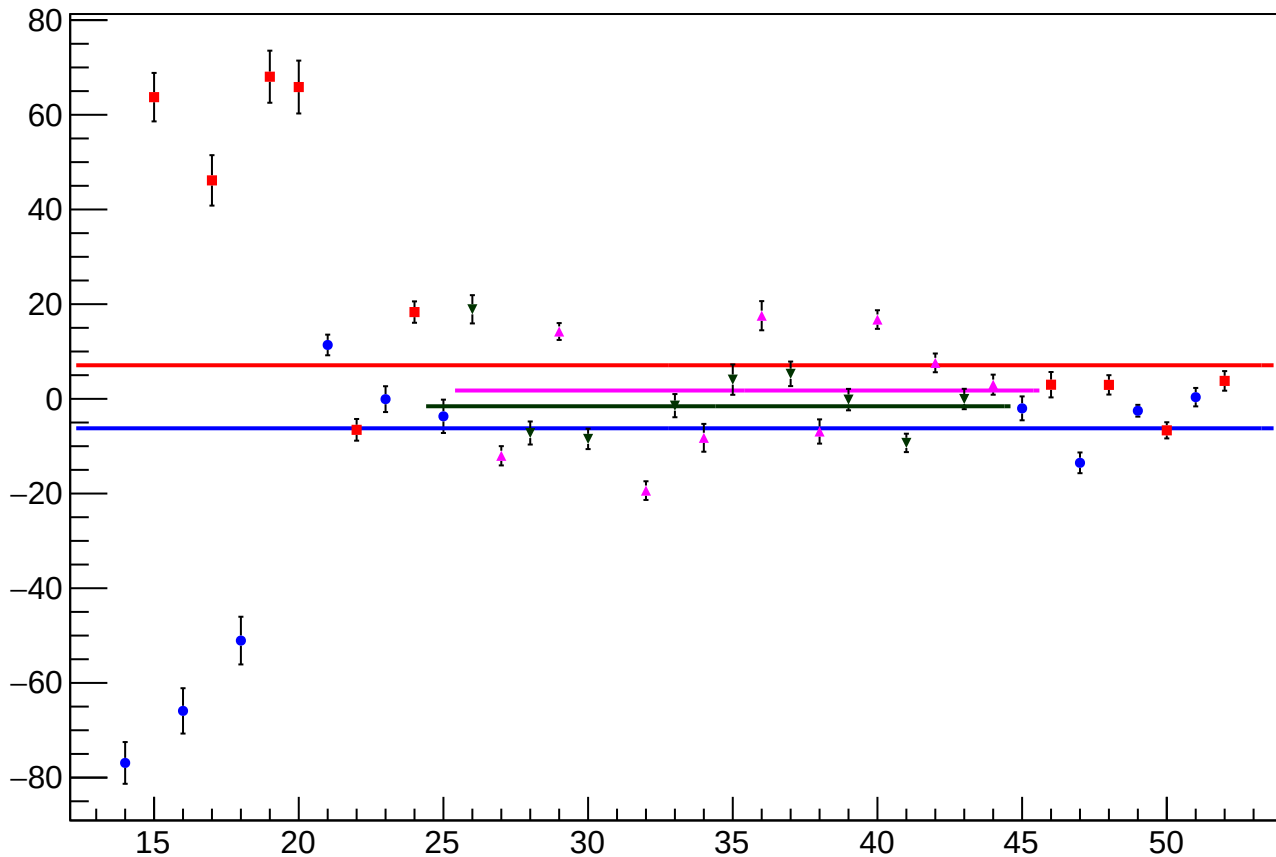
Left Out: -0.703 ± 0.165 $\chi^2/\text{NDF}: 379.5/8$

Right Out: 2.354 ± 0.169 $\chi^2/\text{NDF}: 42.2/9$

Left In: 2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

0.334 ± 0.083 $\chi^2/\text{NDF}: 1156.6/37$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -6.218 ± 0.738 χ^2/NDF : 596.5/9

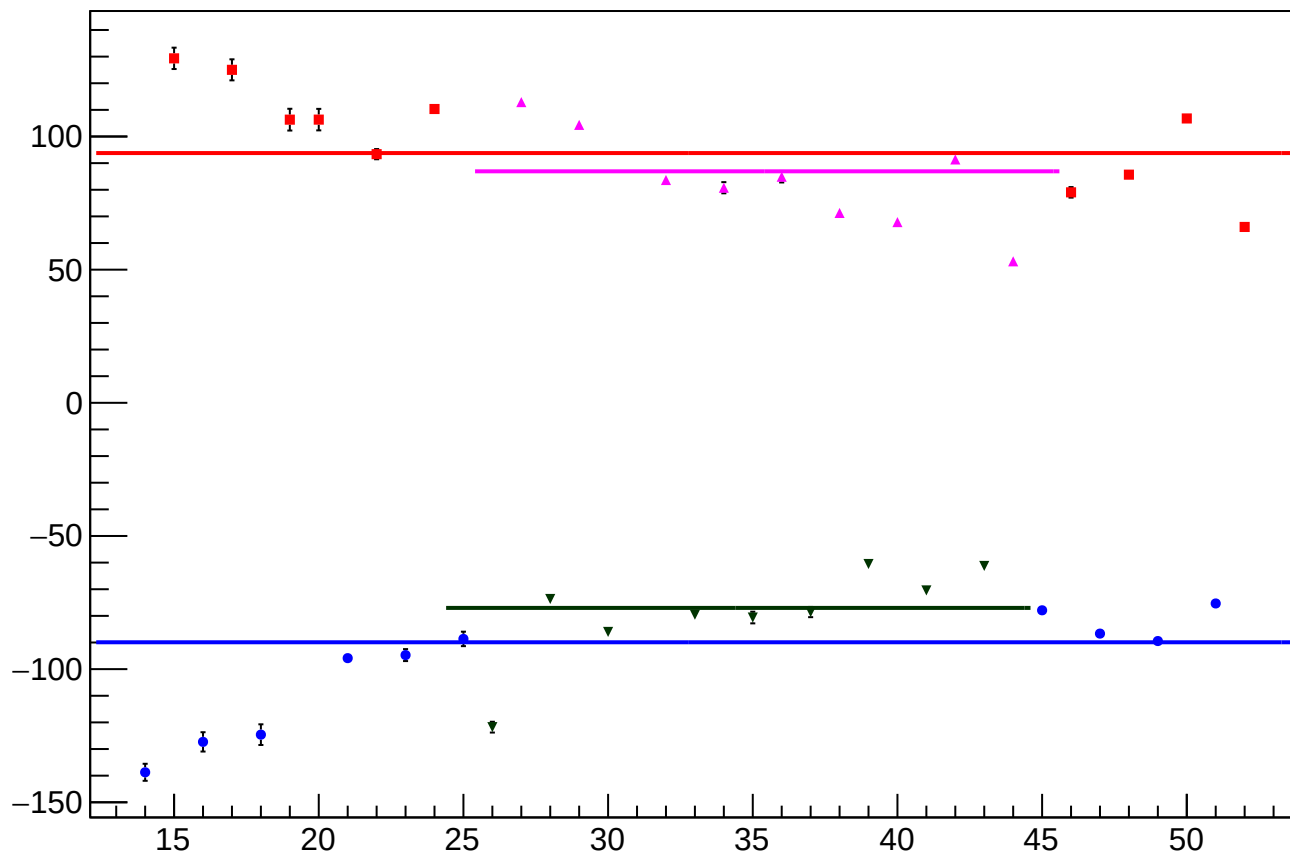
Left Out: -1.565 ± 0.794 χ^2/NDF : 89.6/8

Right Out: 7.095 ± 0.822 χ^2/NDF : 543.6/9

Left In: 1.762 ± 0.721 χ^2/NDF : 326.0/8

-0.003 ± 0.383 χ^2/NDF : 1711.0/37

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -89.916 $\pm$ 0.579 χ^2 /NDF: 593.9/9

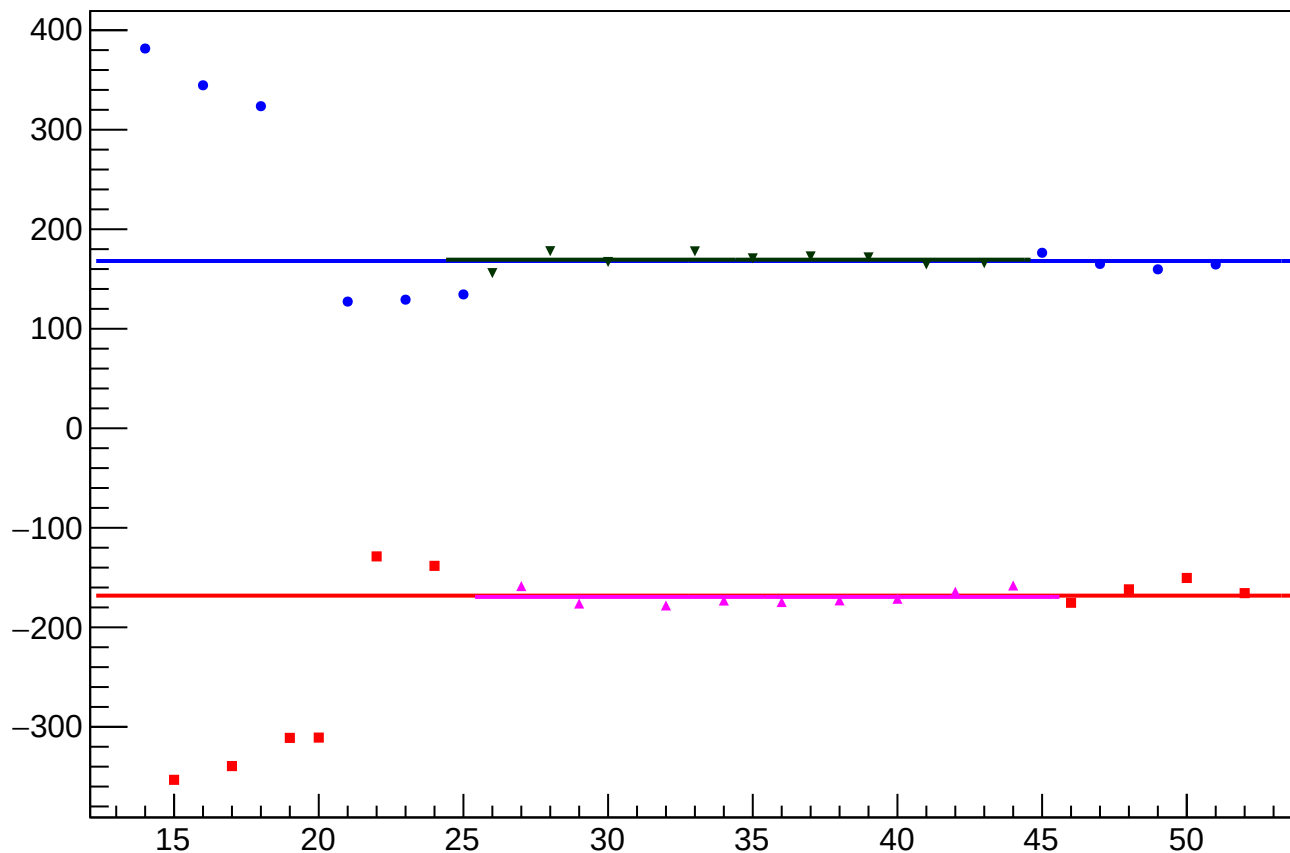
Left Out: -77.011 $\pm$ 0.590 χ^2 /NDF: 732.4/8

Right Out: 93.783 $\pm$ 0.623 χ^2 /NDF: 811.2/9

Left In: 86.926 $\pm$ 0.524 χ^2 /NDF: 1272.9/8

5.648 $\pm$ 0.288 χ^2 /NDF: 94323.0/37

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 168.098 $\pm$ 0.136 χ^2 /NDF: 146636.4/9

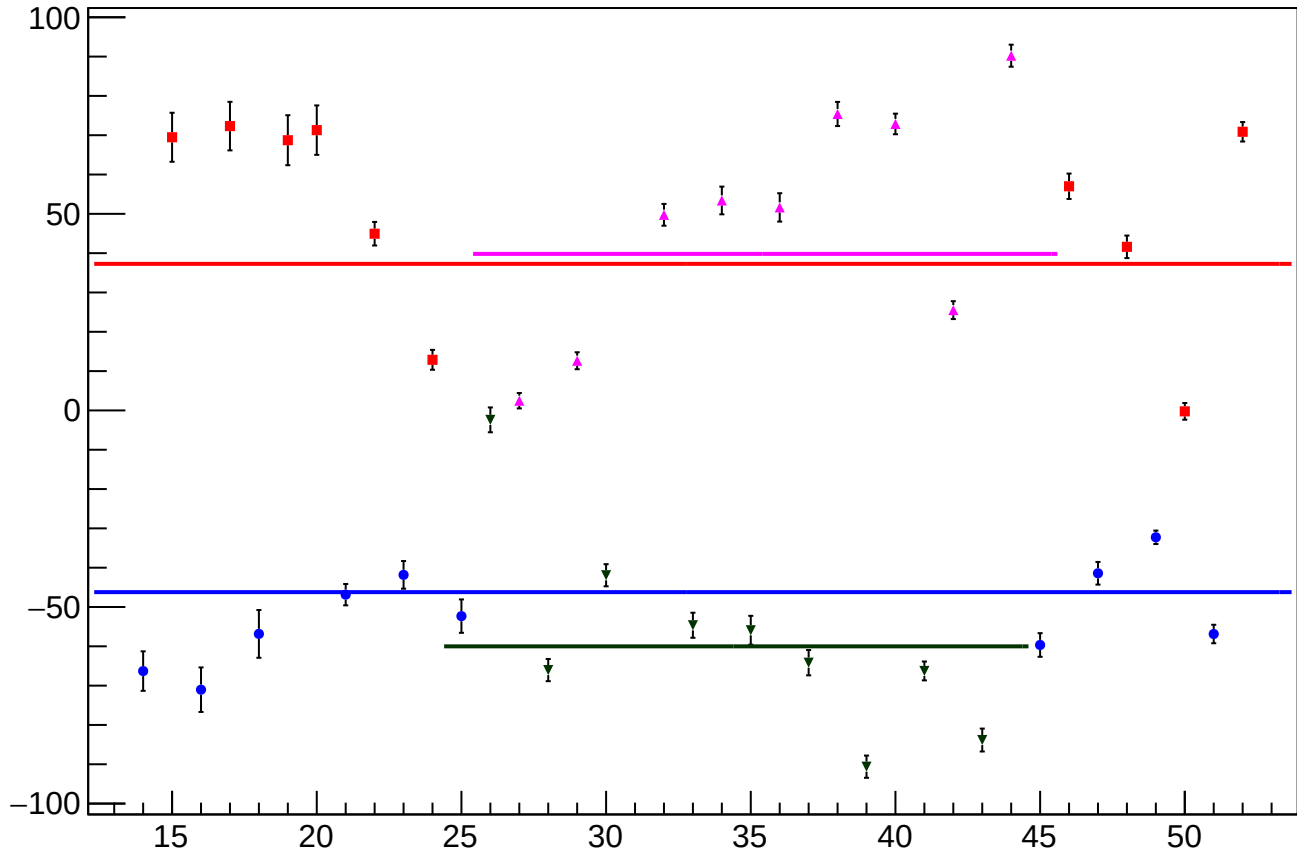
Left Out: 169.432 $\pm$ 0.133 χ^2 /NDF: 2111.0/8

Right Out: -168.149 $\pm$ 0.148 χ^2 /NDF: 115608.6/9

Left In: -169.441 $\pm$ 0.124 χ^2 /NDF: 3580.2/8

0.295 $\pm$ 0.067 χ^2 /NDF: 6589409.8/37

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -46.218 ± 0.944 χ^2/NDF : 151.6/9

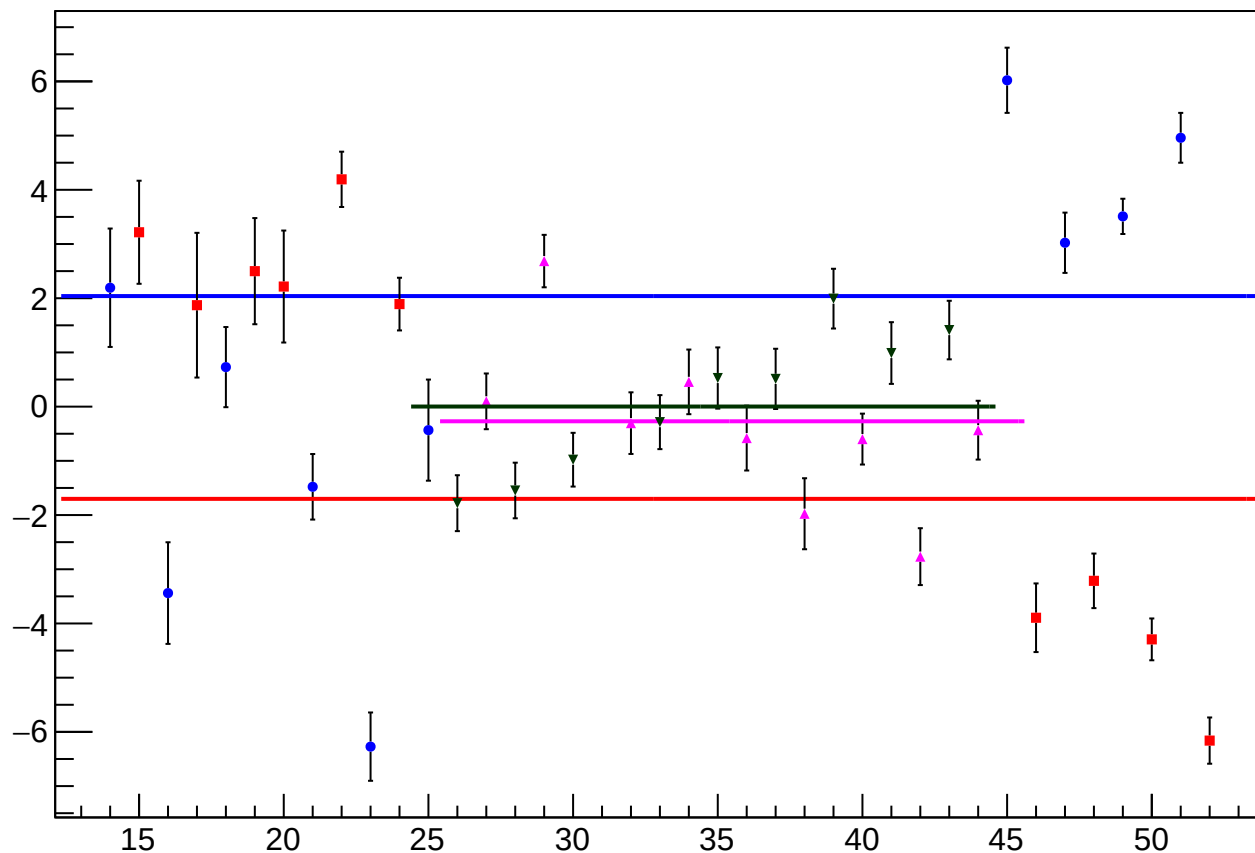
Left Out: -60.008 ± 0.982 χ^2/NDF : 574.8/8

Right Out: 37.279 ± 1.014 χ^2/NDF : 748.5/9

Left In: 39.813 ± 0.866 χ^2/NDF : 1214.8/8

-5.547 ± 0.473 χ^2/NDF : 12153.8/37

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 2.040 ± 0.181 $\chi^2/\text{NDF}: 359.9/9$

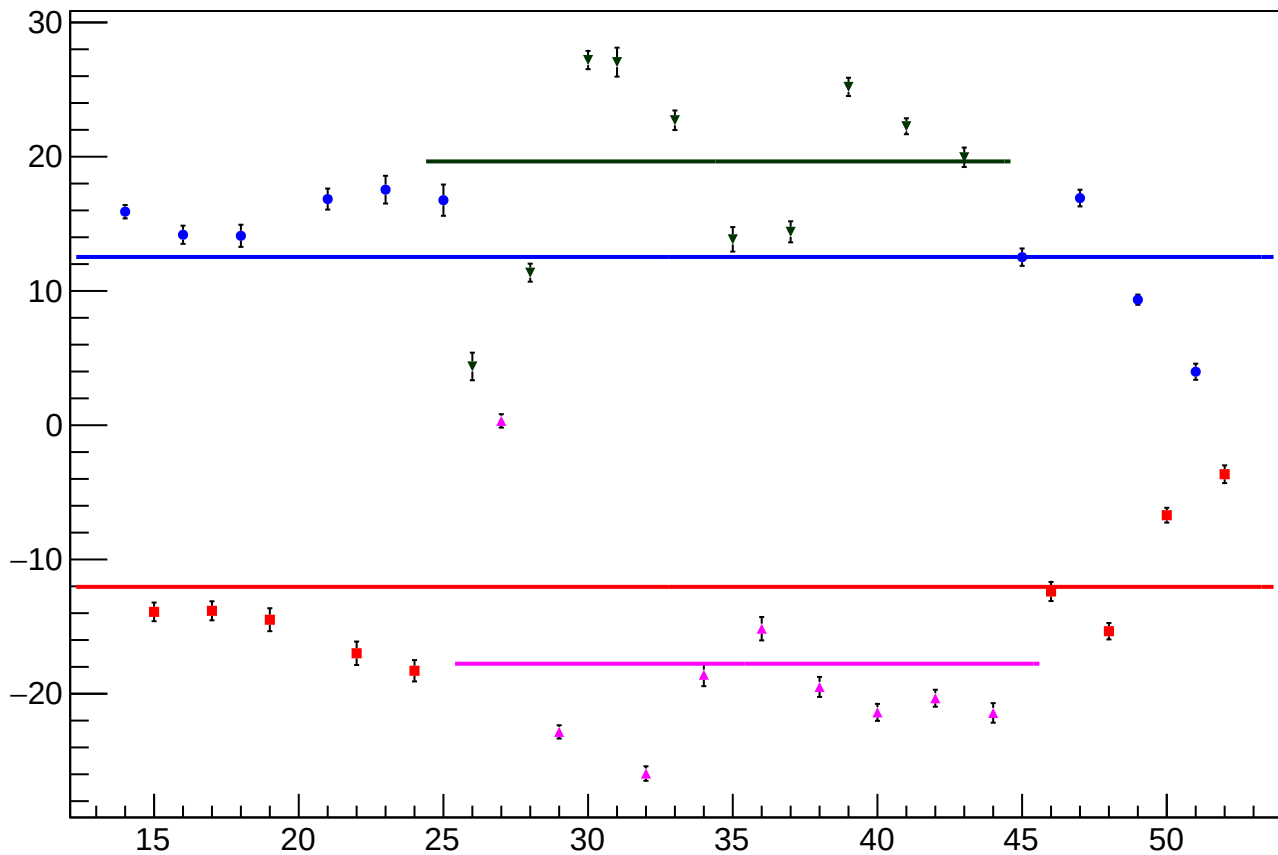
Left Out: 0.002 ± 0.177 $\chi^2/\text{NDF}: 49.9/8$

Right Out: -1.701 ± 0.181 $\chi^2/\text{NDF}: 430.3/9$

Left In: -0.270 ± 0.181 $\chi^2/\text{NDF}: 69.6/8$

0.017 ± 0.090 $\chi^2/\text{NDF}: 1126.3/37$

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 12.531+/-0.198 χ^2/NDF : 443.8/9

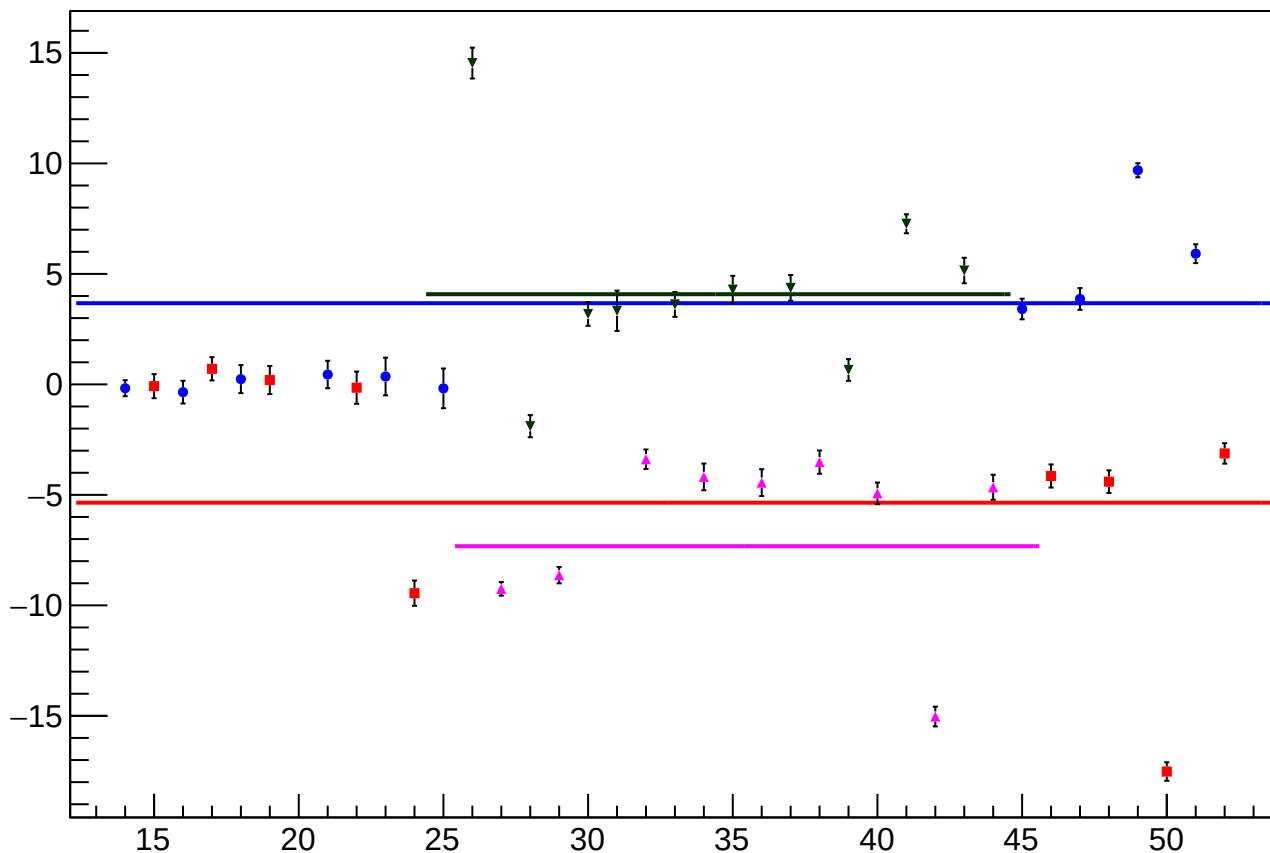
Left Out: 19.649+/-0.237 χ^2/NDF : 731.4/9

Right Out: -12.040+/-0.232 χ^2/NDF : 399.3/8

Left In: -17.765+/-0.209 χ^2/NDF : 1728.2/8

0.469+/-0.109 χ^2/NDF : 24072.1/37

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.673 $\pm$ 0.152 χ^2 /NDF: 647.5/9

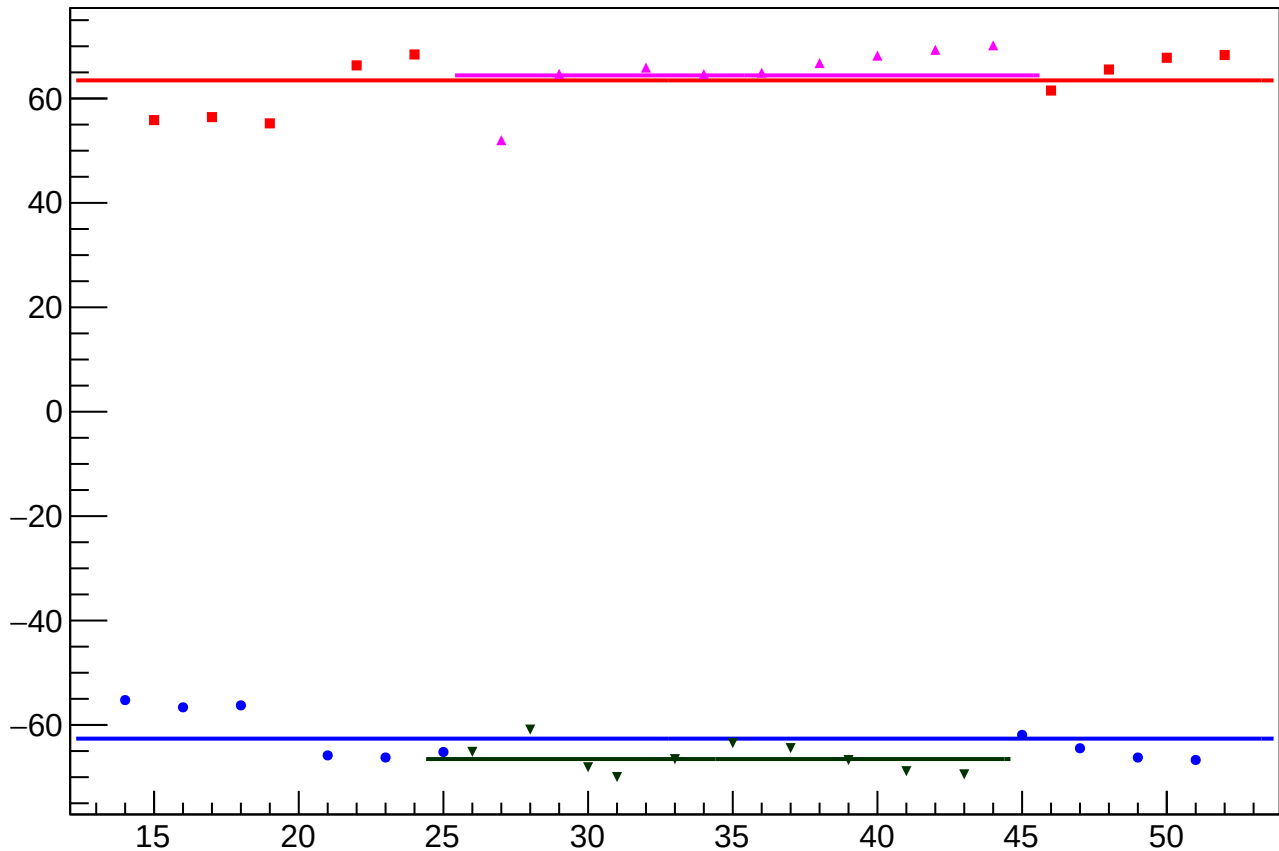
Left Out: 4.080 $\pm$ 0.177 χ^2 /NDF: 478.1/9

-1.374 $\pm$ 0.081 χ^2 /NDF: 7111.7/37

Right Out: -5.354 $\pm$ 0.176 χ^2 /NDF: 1279.0/8

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 $\pm$ 0.037 χ^2 /NDF: 14512.4/9

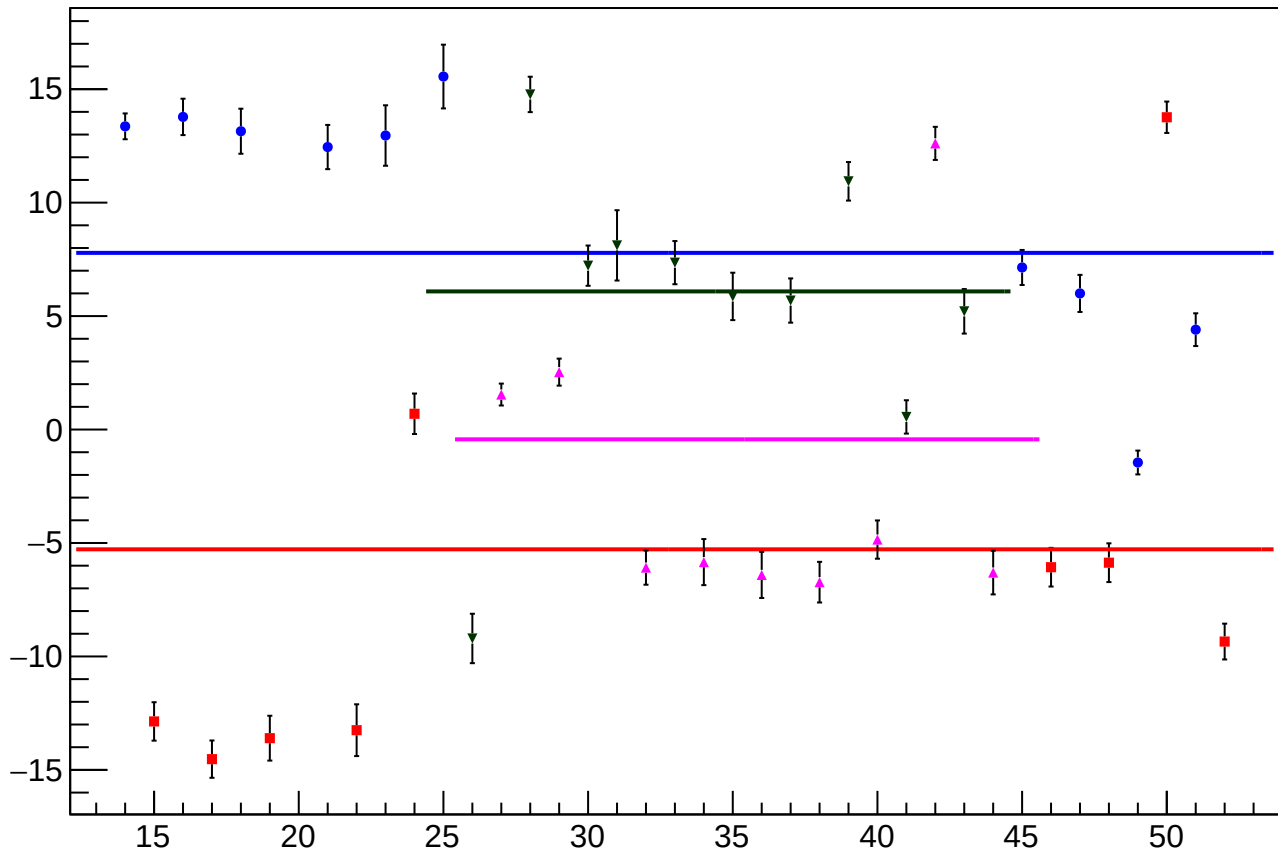
Left Out: -66.529 $\pm$ 0.039 χ^2 /NDF: 4841.9/9

Right Out: 63.464 $\pm$ 0.042 χ^2 /NDF: 13823.5/8

Left In: 64.419 $\pm$ 0.036 χ^2 /NDF: 25021.8/8

-1.658 $\pm$ 0.019 χ^2 /NDF: 11302920.2/37

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 7.786 ± 0.246 $\chi^2/\text{NDF}: 586.2/9$

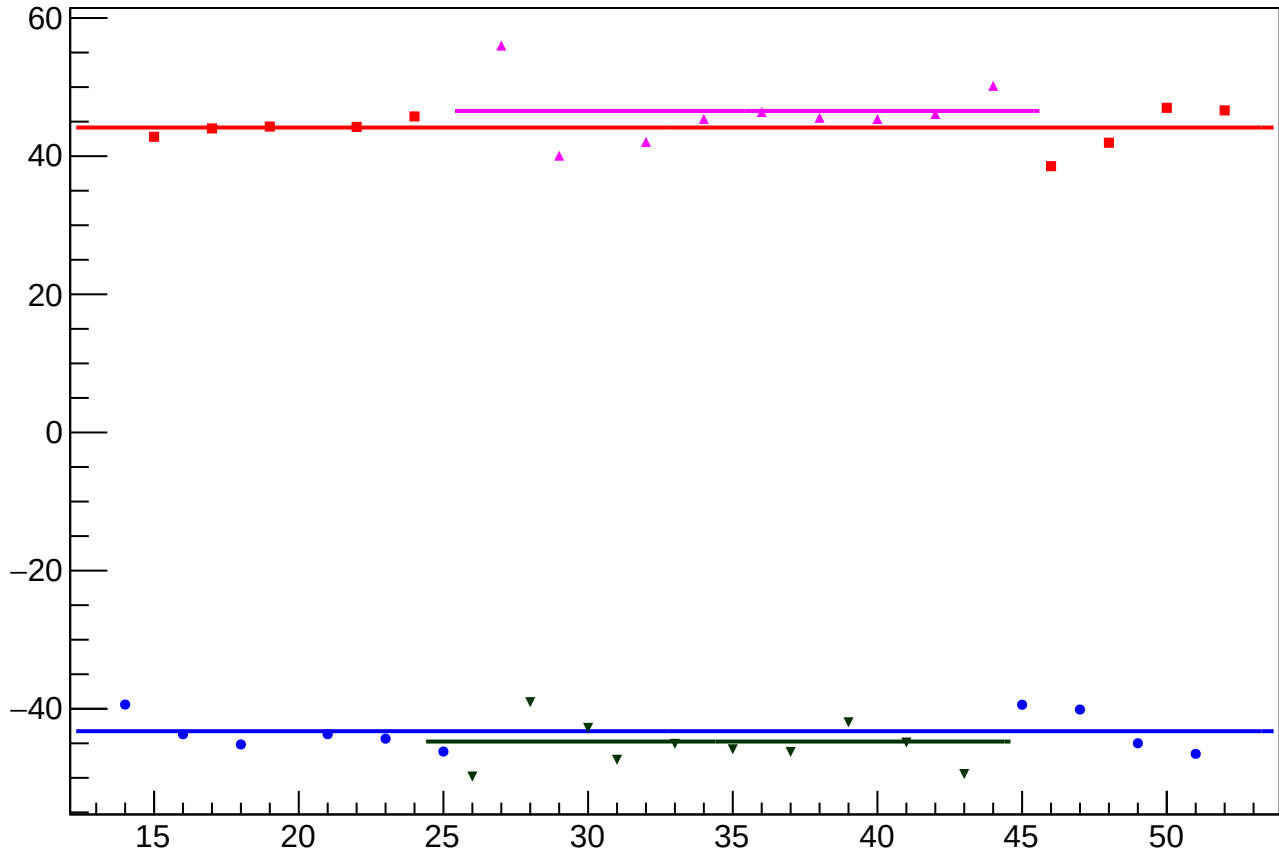
Left Out: 6.087 ± 0.295 $\chi^2/\text{NDF}: 416.6/9$

2.221 ± 0.133 $\chi^2/\text{NDF}: 4249.4/37$

Right Out: -5.279 ± 0.284 $\chi^2/\text{NDF}: 1157.4/8$

Left In: -0.432 ± 0.247 $\chi^2/\text{NDF}: 594.6/8$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.245 ± 0.046 χ^2/NDF : 3163.6/9

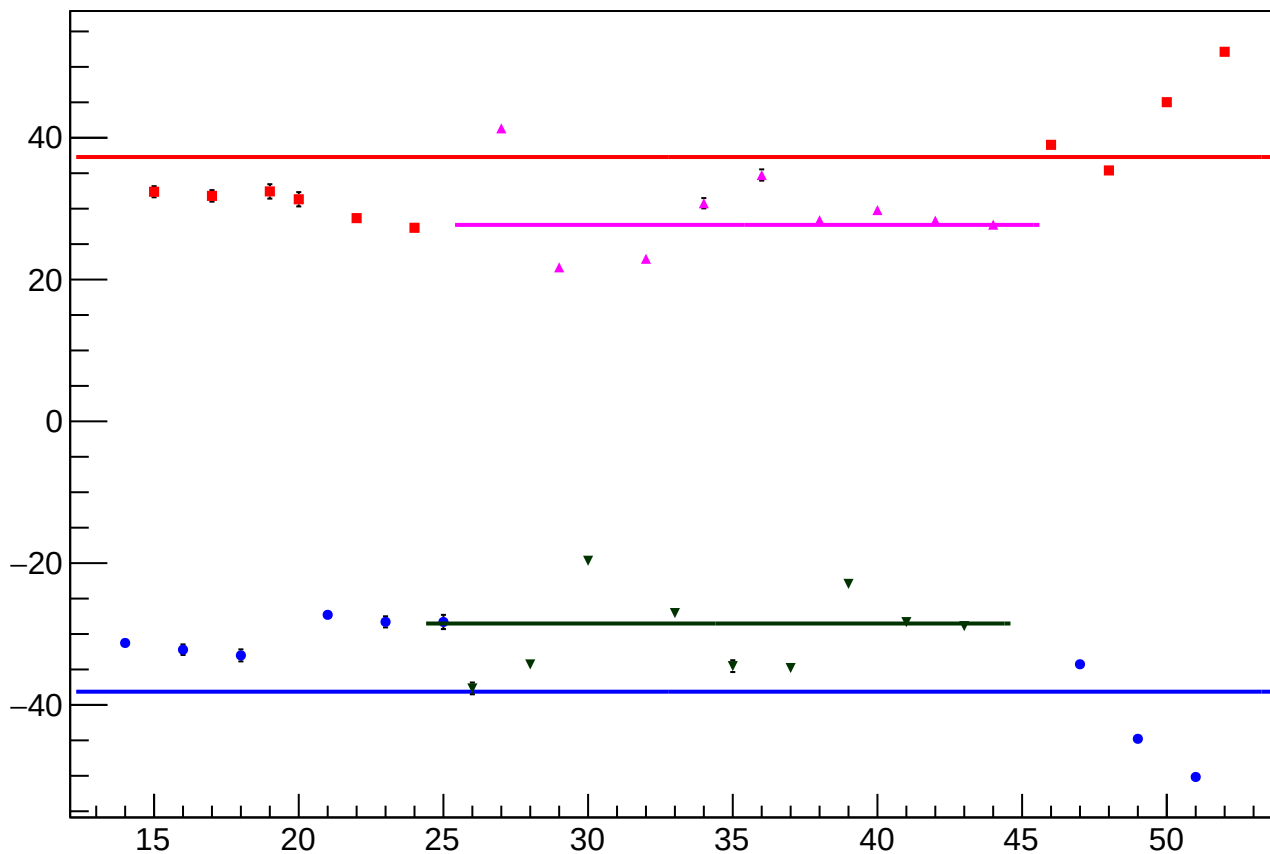
Left Out: -44.743 ± 0.053 χ^2/NDF : 3703.9/9

Right Out: 44.148 ± 0.051 χ^2/NDF : 2374.0/8

Left In: 46.543 ± 0.052 χ^2/NDF : 9214.0/8

-0.925 ± 0.025 χ^2/NDF : 3134343.4/37

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -38.134 $\pm$ 0.192 χ^2 /NDF: 1729.4/8

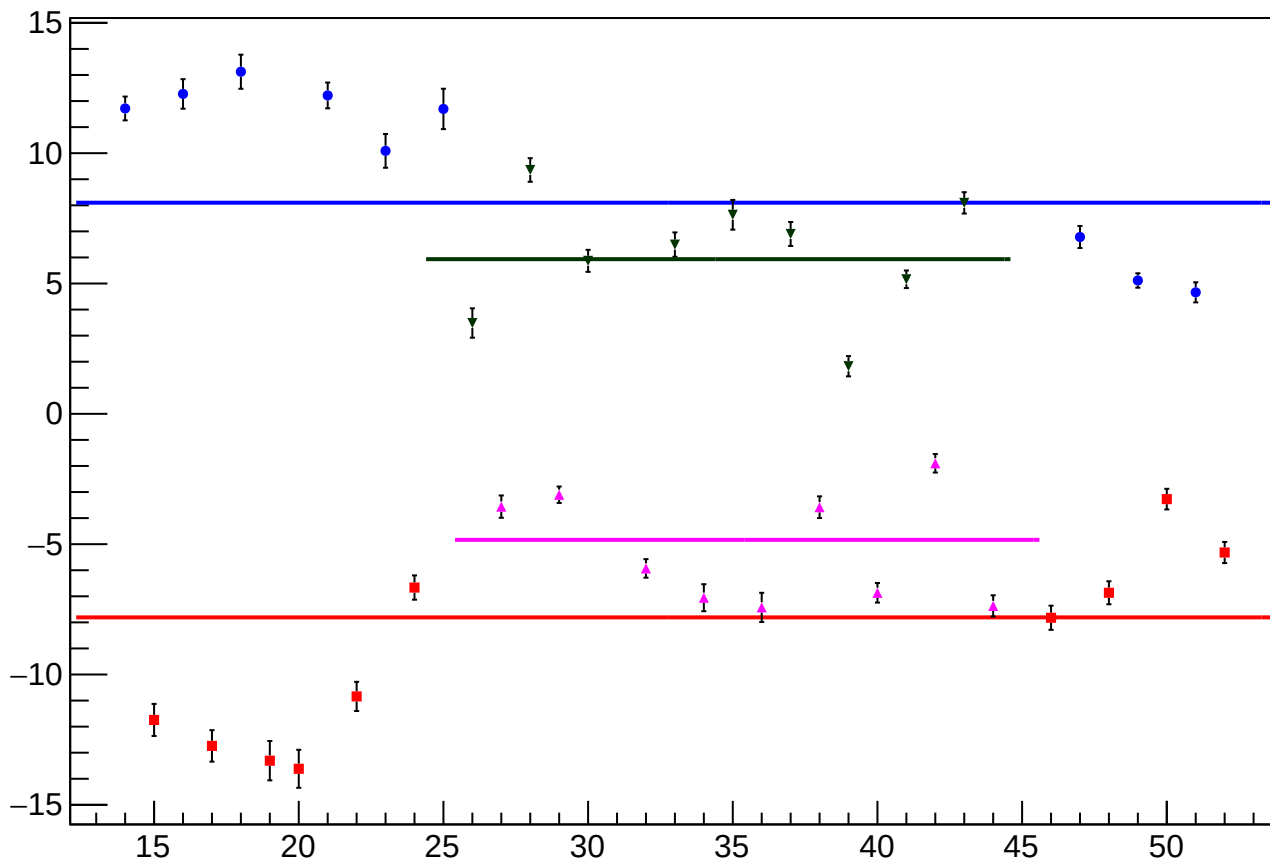
Left Out: -28.516 $\pm$ 0.195 χ^2 /NDF: 758.8/8

Right Out: 37.286 $\pm$ 0.211 χ^2 /NDF: 1440.3/9

Left In: 27.712 $\pm$ 0.179 χ^2 /NDF: 841.0/8

-0.701 $\pm$ 0.097 χ^2 /NDF: 120694.8/36

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 8.100 ± 0.151 $\chi^2/\text{NDF}: 482.2/8$

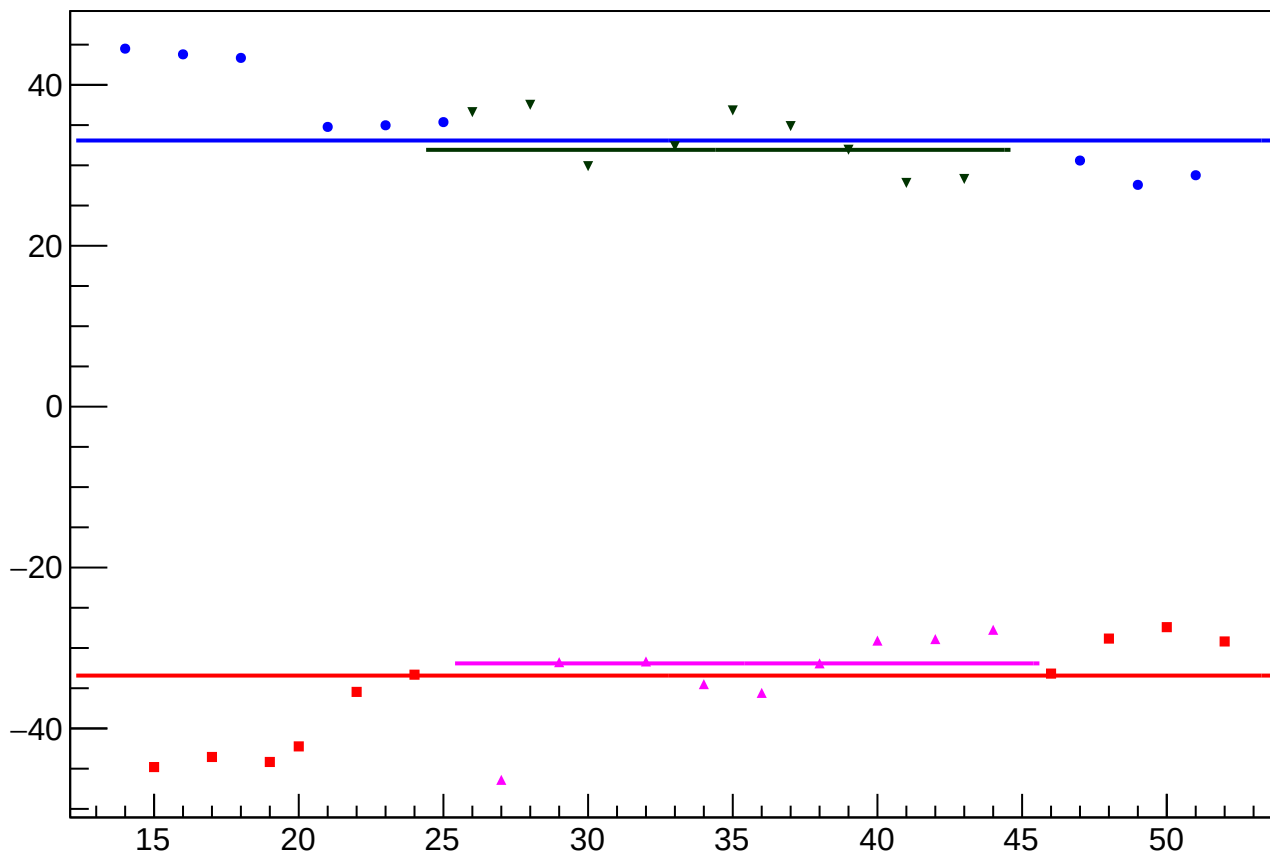
Left Out: 5.934 ± 0.145 $\chi^2/\text{NDF}: 234.9/8$

0.289 ± 0.073 $\chi^2/\text{NDF}: 9627.2/36$

Right Out: -7.808 ± 0.160 $\chi^2/\text{NDF}: 432.9/9$

Left In: -4.834 ± 0.132 $\chi^2/\text{NDF}: 234.0/8$

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 33.086+/-0.036 χ^2/NDF : 28048.1/8

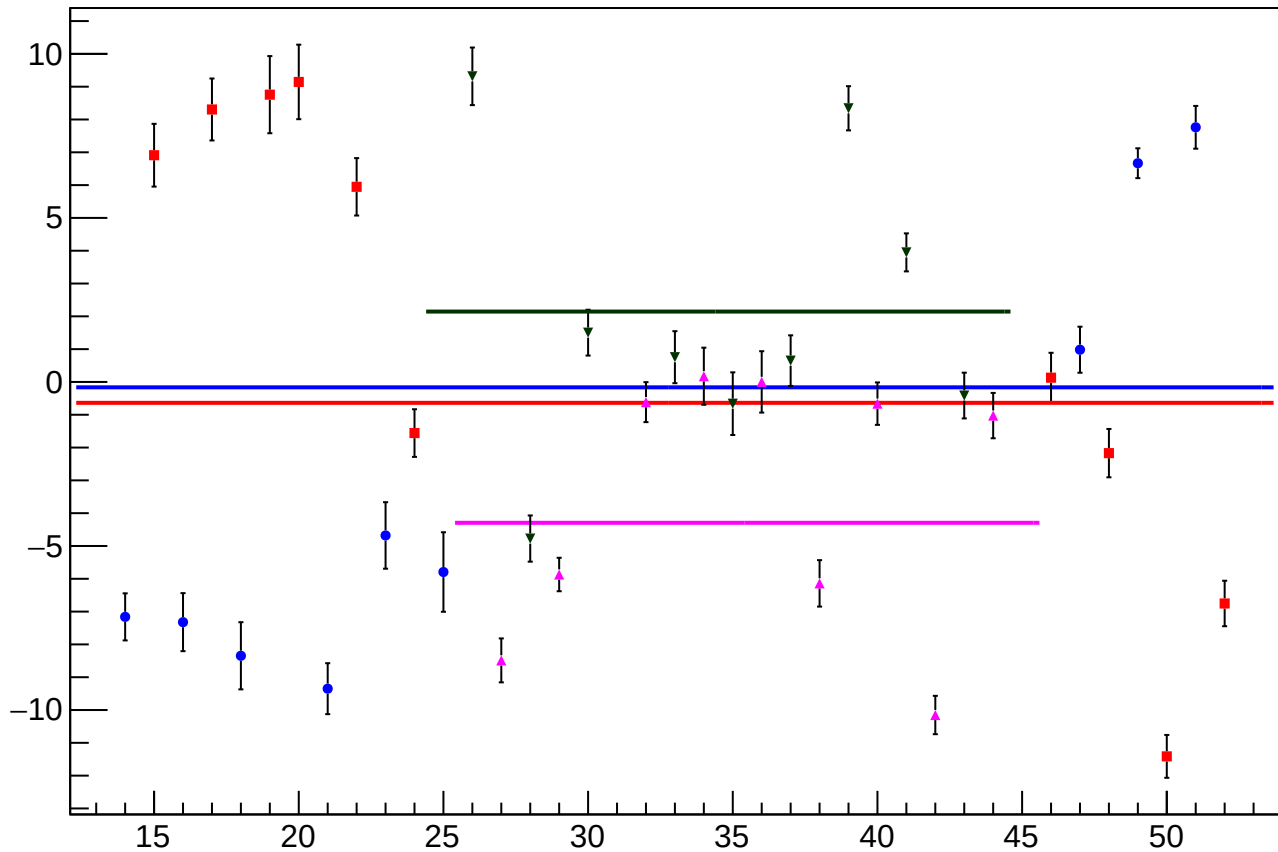
Left Out: 31.923+/-0.033 χ^2/NDF : 10913.1/8

Right Out: -33.428+/-0.038 χ^2/NDF : 22690.2/9

Left In: -31.913+/-0.031 χ^2/NDF : 20132.9/8

-0.521+/-0.017 χ^2/NDF : 3747287.3/36

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -0.164 ± 0.245 χ^2/NDF : 781.7/8

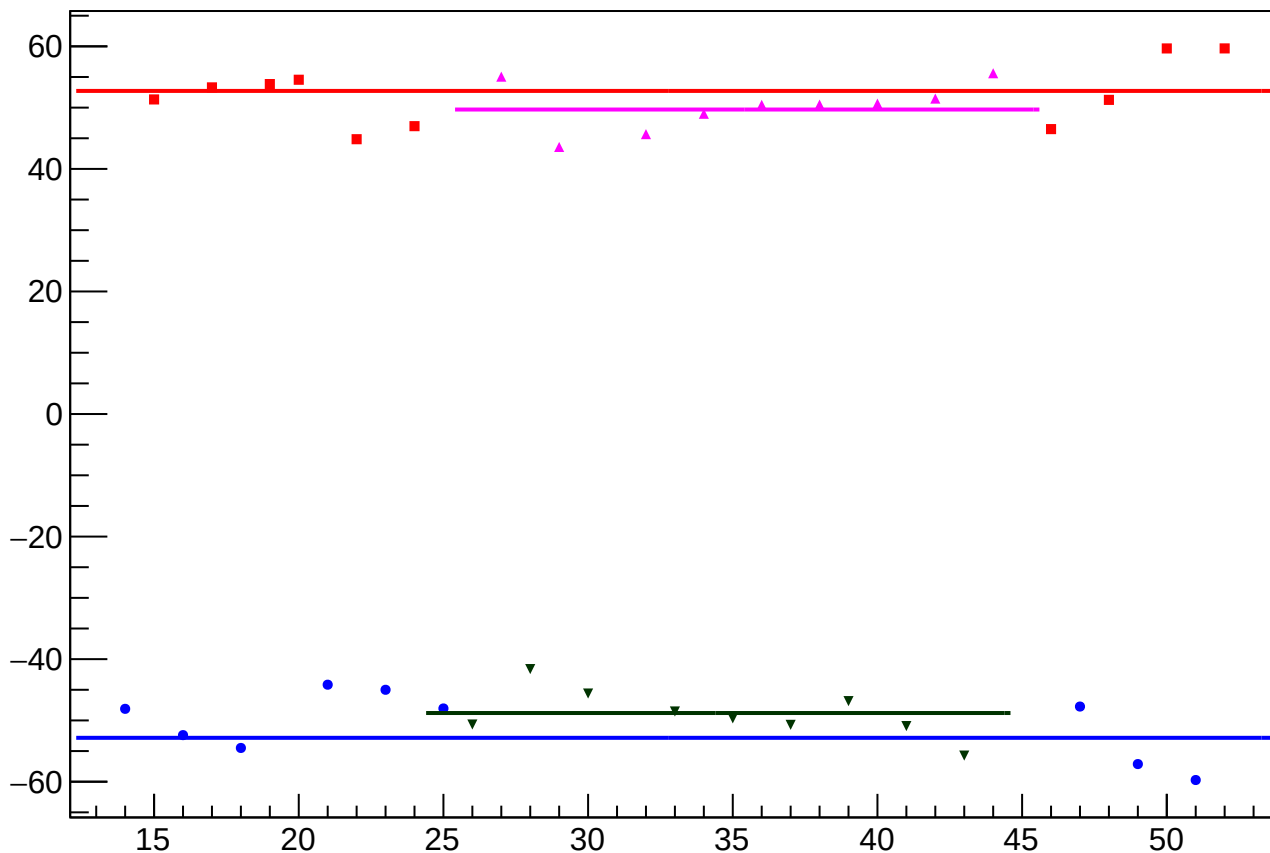
Left Out: 2.145 ± 0.243 χ^2/NDF : 287.5/8

Right Out: -0.636 ± 0.259 χ^2/NDF : 703.8/9

Left In: -4.293 ± 0.220 χ^2/NDF : 293.8/8

-0.930 ± 0.120 χ^2/NDF : 2471.7/36

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -52.838 $\pm$ 0.046 χ^2 /NDF: 12535.9/8

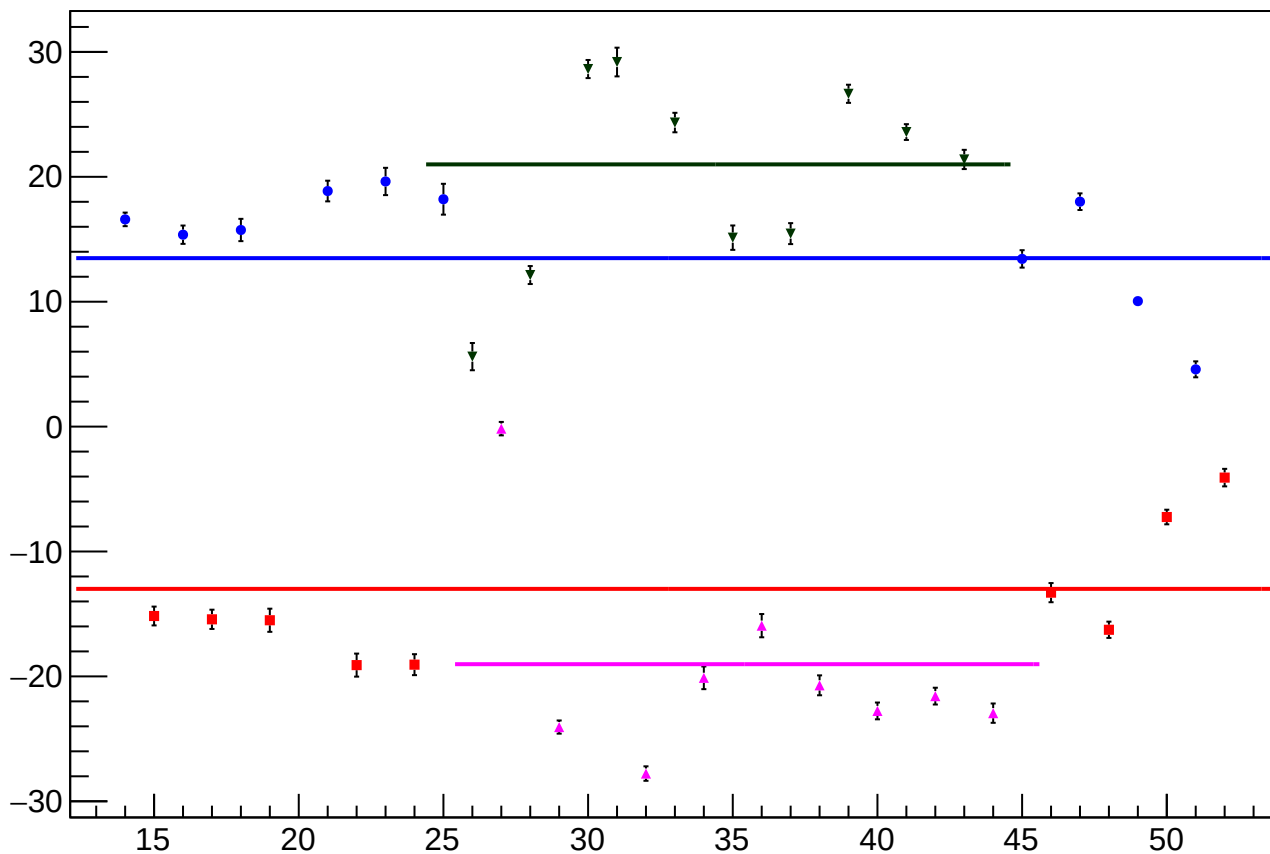
Left Out: -48.791 $\pm$ 0.044 χ^2 /NDF: 7464.7/8

Right Out: 52.727 $\pm$ 0.046 χ^2 /NDF: 13407.0/9

Left In: 49.690 $\pm$ 0.045 χ^2 /NDF: 7145.5/8

-0.387 $\pm$ 0.023 χ^2 /NDF: 5100145.8/36

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 13.489 ± 0.211 χ^2/NDF : 446.9/9

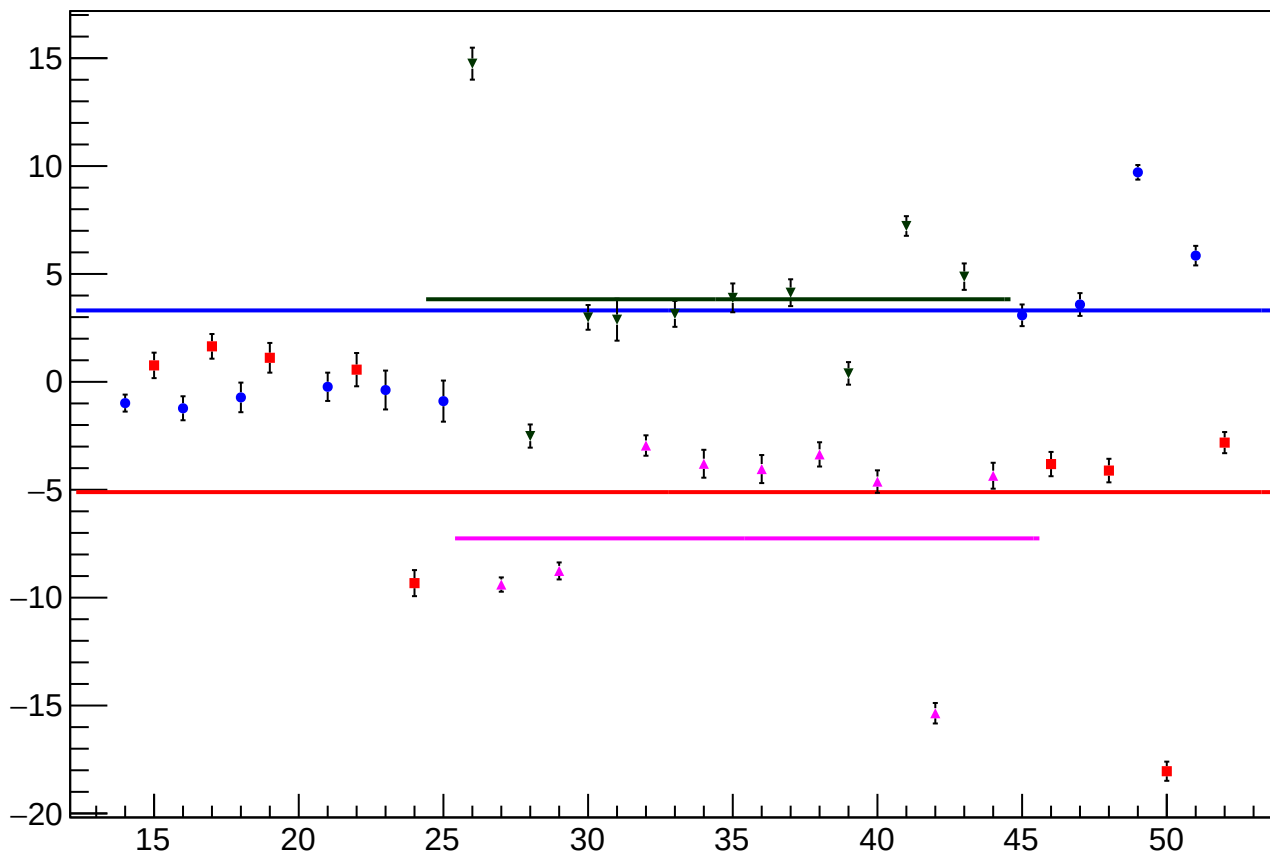
Left Out: 20.996 ± 0.253 χ^2/NDF : 688.0/9

Right Out: -12.993 ± 0.248 χ^2/NDF : 405.0/8

Left In: -19.023 ± 0.223 χ^2/NDF : 1636.4/8

0.500 ± 0.116 χ^2/NDF : 24114.1/37

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 3.310 ± 0.163 χ^2/NDF : 674.9/9

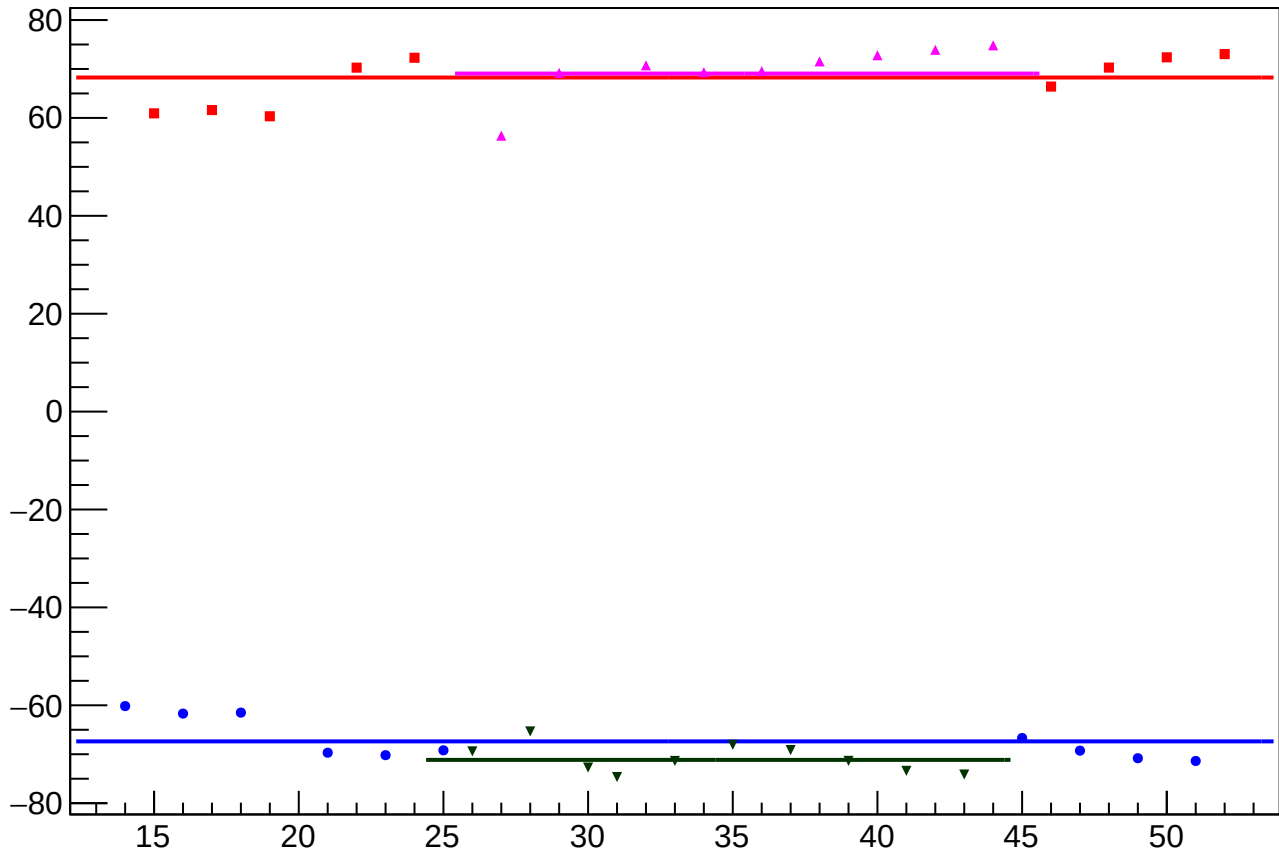
Left Out: 3.828 ± 0.189 χ^2/NDF : 462.3/9

Right Out: -5.110 ± 0.188 χ^2/NDF : 1303.1/8

Left In: -7.254 ± 0.160 χ^2/NDF : 580.6/8

-1.459 ± 0.087 χ^2/NDF : 6343.4/37

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -67.372 $\pm$ 0.039 χ^2 /NDF: 11239.8/9

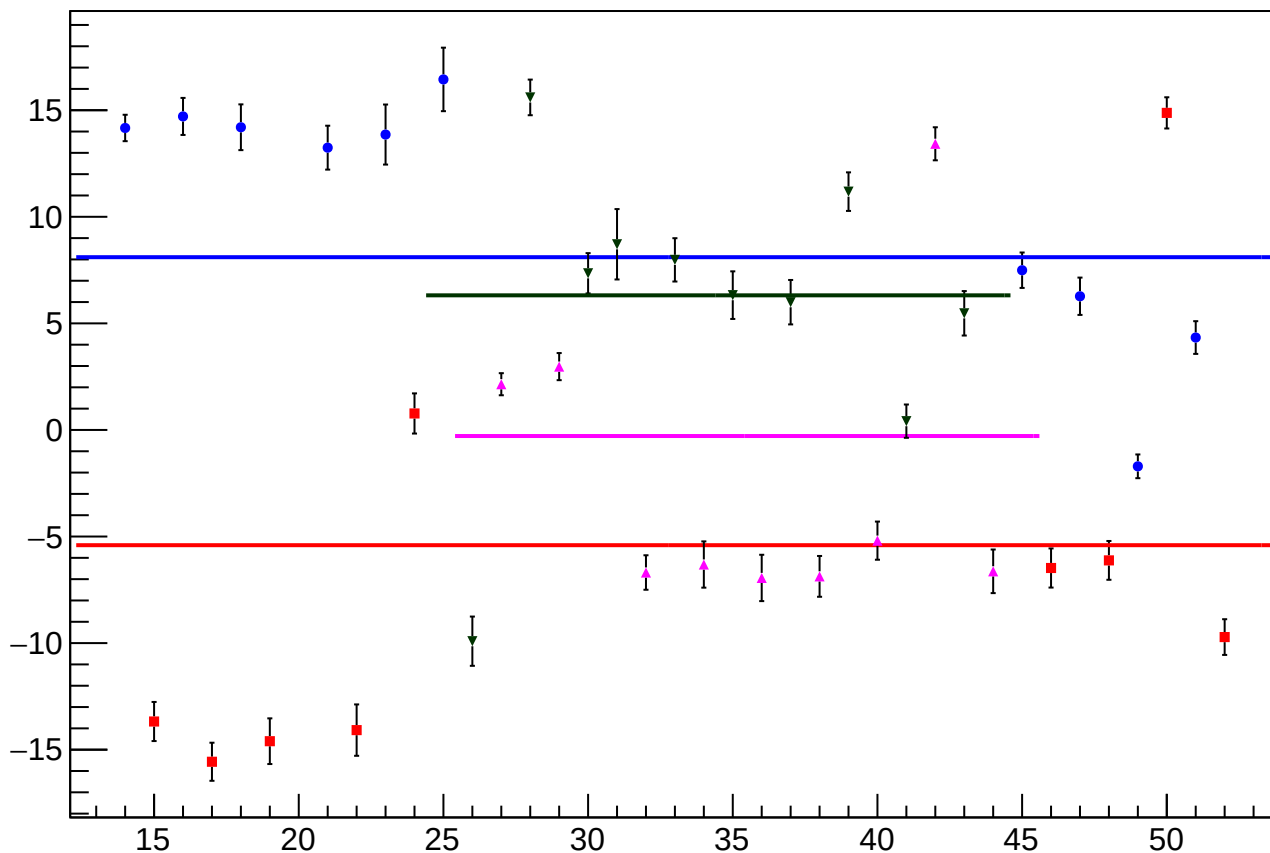
Left Out: -71.152 $\pm$ 0.042 χ^2 /NDF: 4395.4/9

Right Out: 68.257 $\pm$ 0.045 χ^2 /NDF: 10667.0/8

Left In: 69.062 $\pm$ 0.039 χ^2 /NDF: 22617.7/8

-1.784 $\pm$ 0.020 χ^2 /NDF: 11394088.2/37

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 8.105 $\pm$ 0.264 χ^2 /NDF: 598.5/9

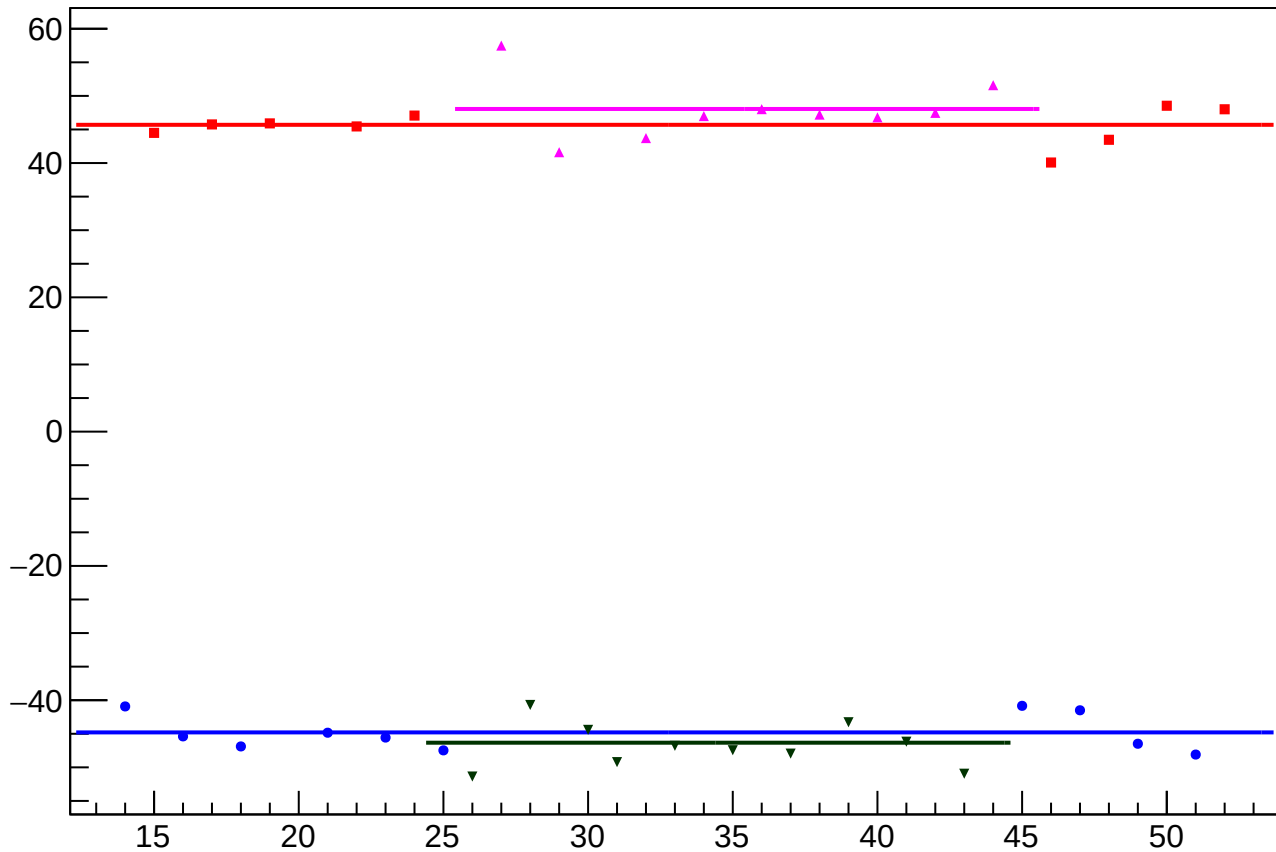
Left Out: 6.315 $\pm$ 0.314 χ^2 /NDF: 413.3/9

2.374 $\pm$ 0.142 χ^2 /NDF: 4180.9/37

Right Out: -5.406 $\pm$ 0.304 χ^2 /NDF: 1175.3/8

Left In: -0.285 $\pm$ 0.264 χ^2 /NDF: 608.0/8

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.795+/-0.050 χ^2/NDF : 2821.6/9

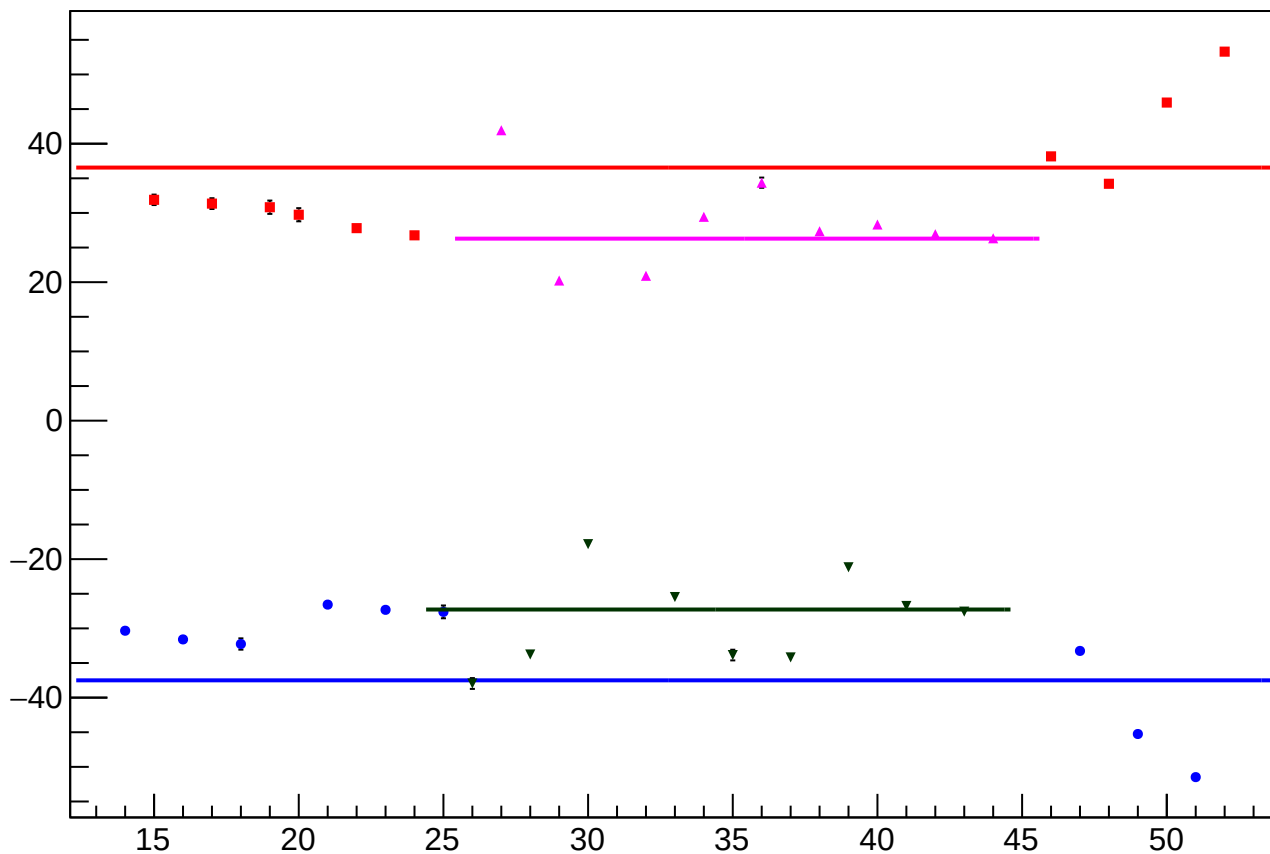
Left Out: -46.329+/-0.057 χ^2/NDF : 3263.4/9

Right Out: 45.694+/-0.054 χ^2/NDF : 2009.8/8

Left In: 48.054+/-0.056 χ^2/NDF : 7913.0/8

-0.990+/-0.027 χ^2/NDF : 2935290.5/37

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -37.503 ± 0.184 $\chi^2/\text{NDF}: 2279.9/8$

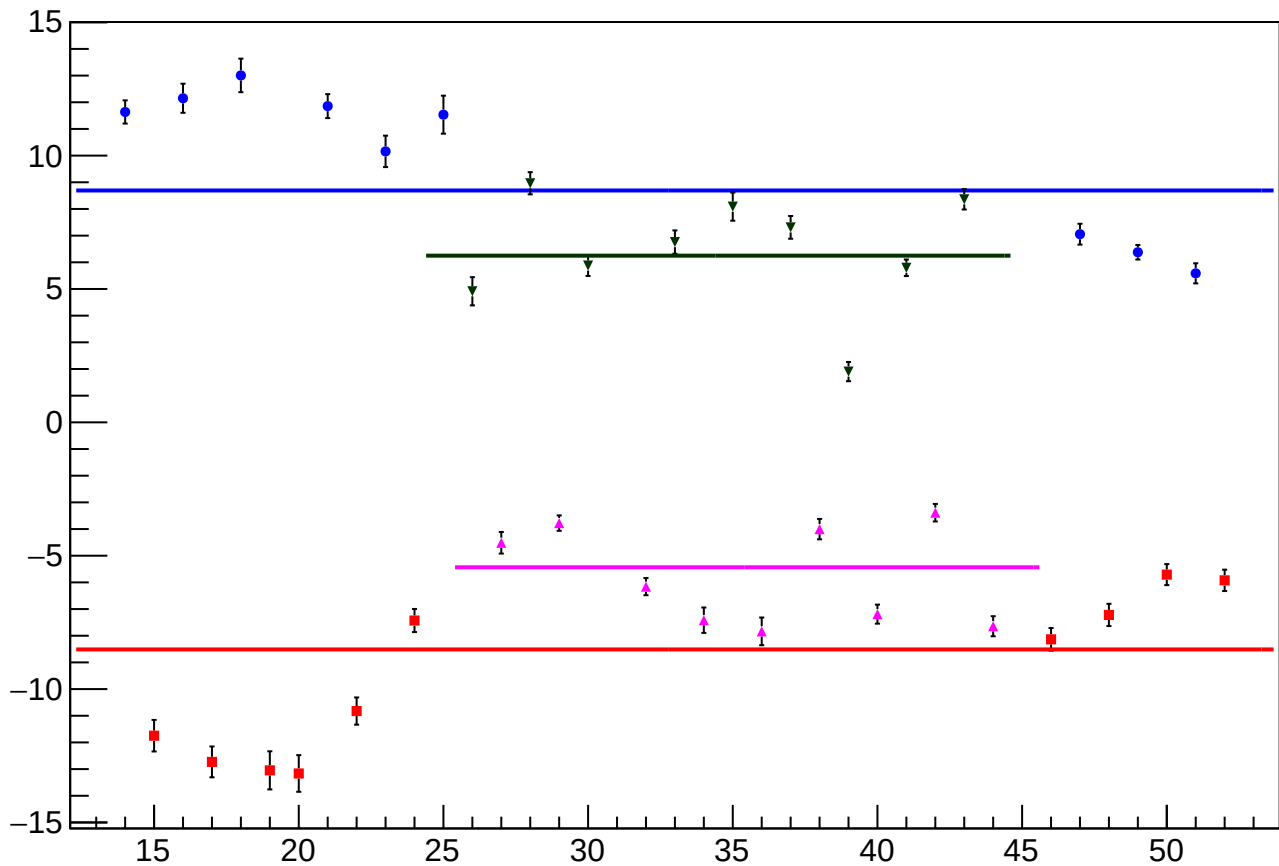
Left Out: -27.275 ± 0.181 $\chi^2/\text{NDF}: 1073.3/8$

Right Out: 36.552 ± 0.201 $\chi^2/\text{NDF}: 1846.7/9$

Left In: 26.289 ± 0.165 $\chi^2/\text{NDF}: 1194.5/8$

-0.594 ± 0.091 $\chi^2/\text{NDF}: 129262.0/36$

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 8.693 ± 0.144 $\chi^2/\text{NDF}: 362.0/8$

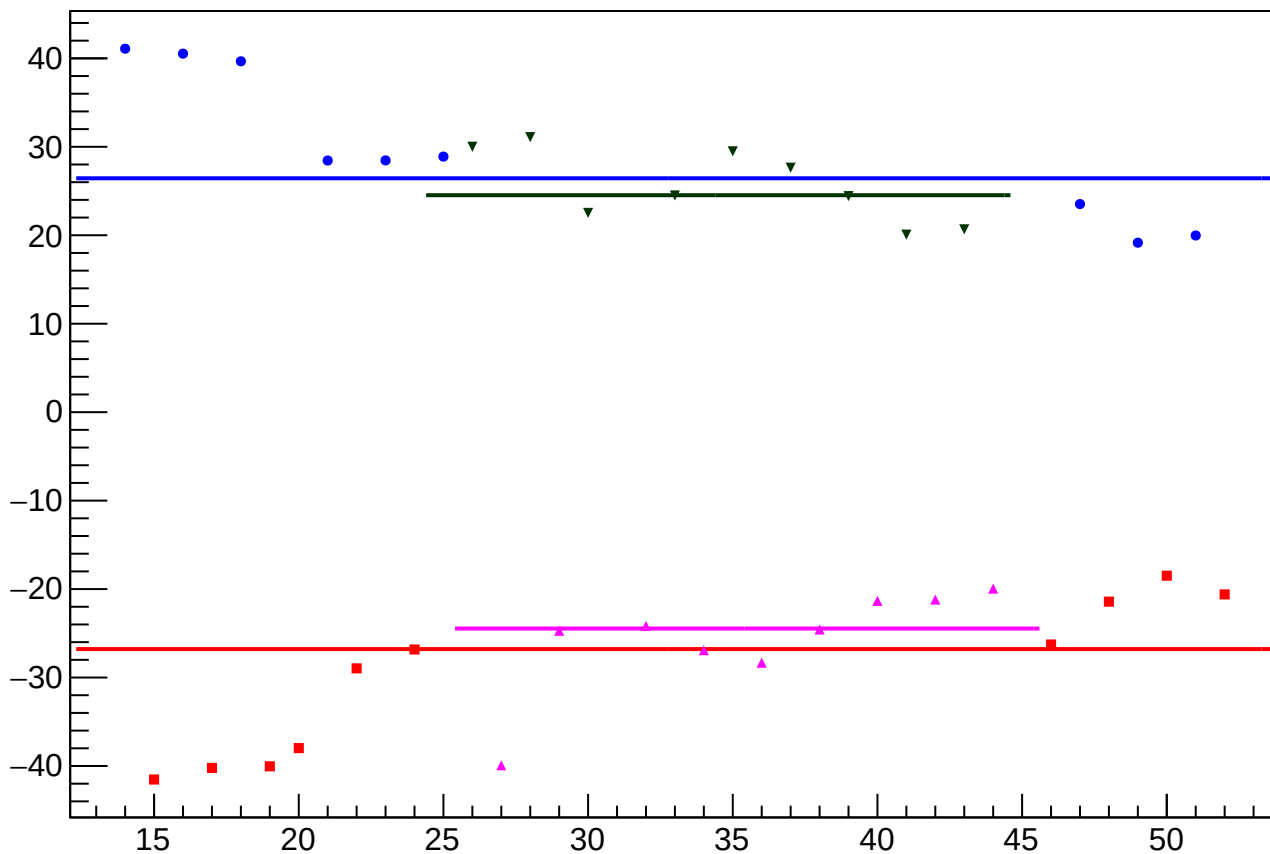
Left Out: 6.249 ± 0.135 $\chi^2/\text{NDF}: 247.2/8$

0.147 ± 0.069 $\chi^2/\text{NDF}: 11968.4/36$

Right Out: -8.513 ± 0.152 $\chi^2/\text{NDF}: 298.7/9$

Left In: -5.433 ± 0.122 $\chi^2/\text{NDF}: 193.5/8$

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 26.442 $\pm$ 0.034 χ^2 /NDF: 51538.7/8

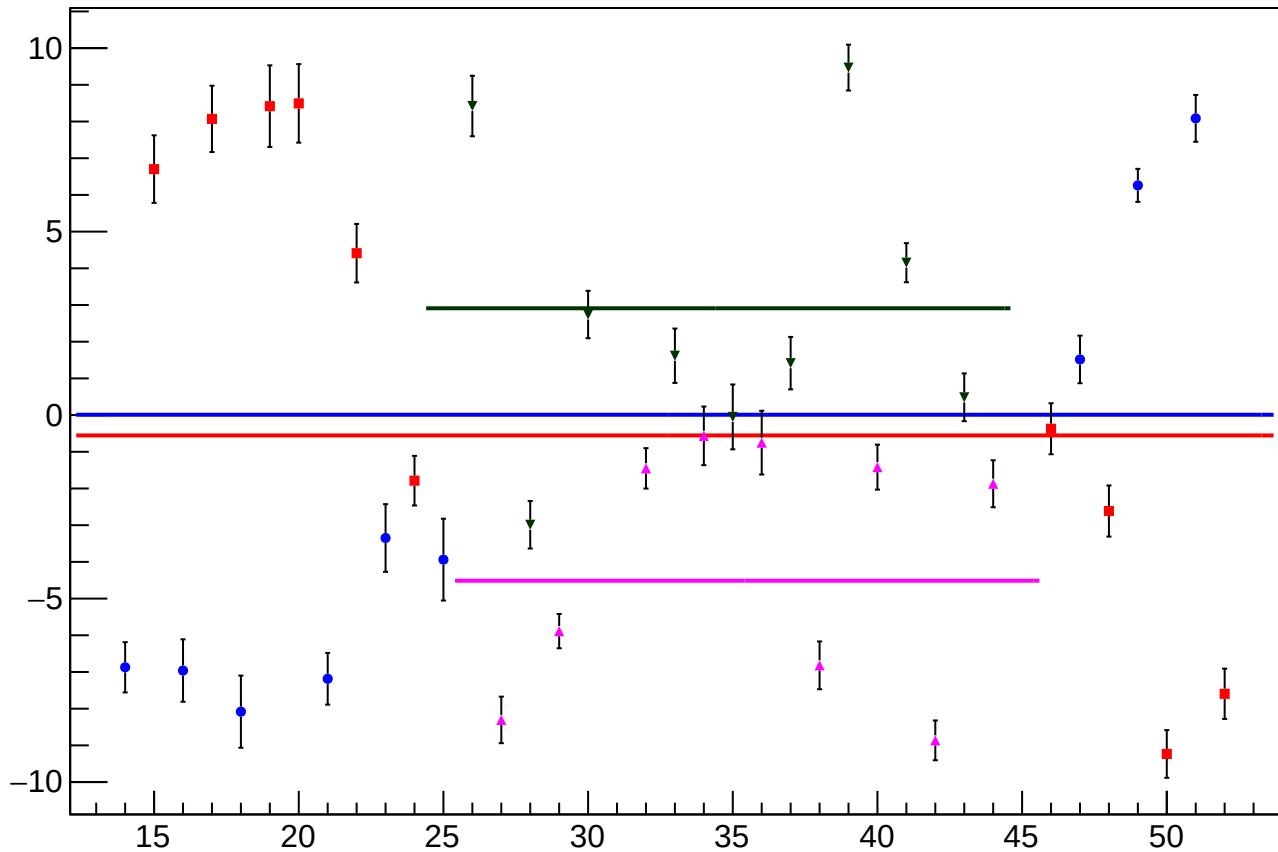
Left Out: 24.528 $\pm$ 0.030 χ^2 /NDF: 15447.7/8

Right Out: -26.782 $\pm$ 0.036 χ^2 /NDF: 41563.2/9

Left In: -24.460 $\pm$ 0.028 χ^2 /NDF: 26092.2/8

-0.500 $\pm$ 0.016 χ^2 /NDF: 2694039.4/36

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 0.009 ± 0.234 χ^2/NDF : 724.2/8

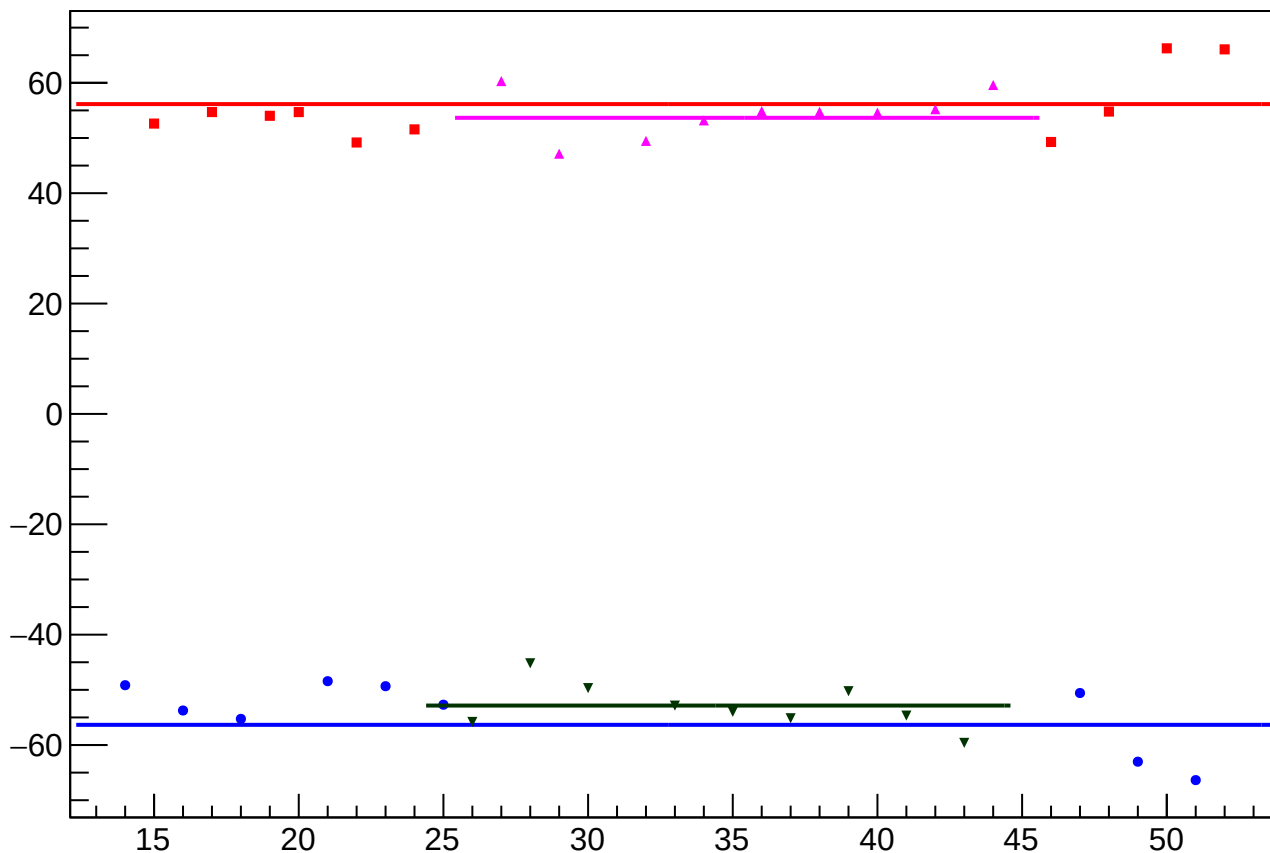
Left Out: 2.911 ± 0.225 χ^2/NDF : 276.3/8

Right Out: -0.554 ± 0.246 χ^2/NDF : 624.7/9

Left In: -4.513 ± 0.204 χ^2/NDF : 238.0/8

-0.766 ± 0.113 χ^2/NDF : 2481.0/36

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -56.340 ± 0.044 χ^2/NDF : 21796.9/8

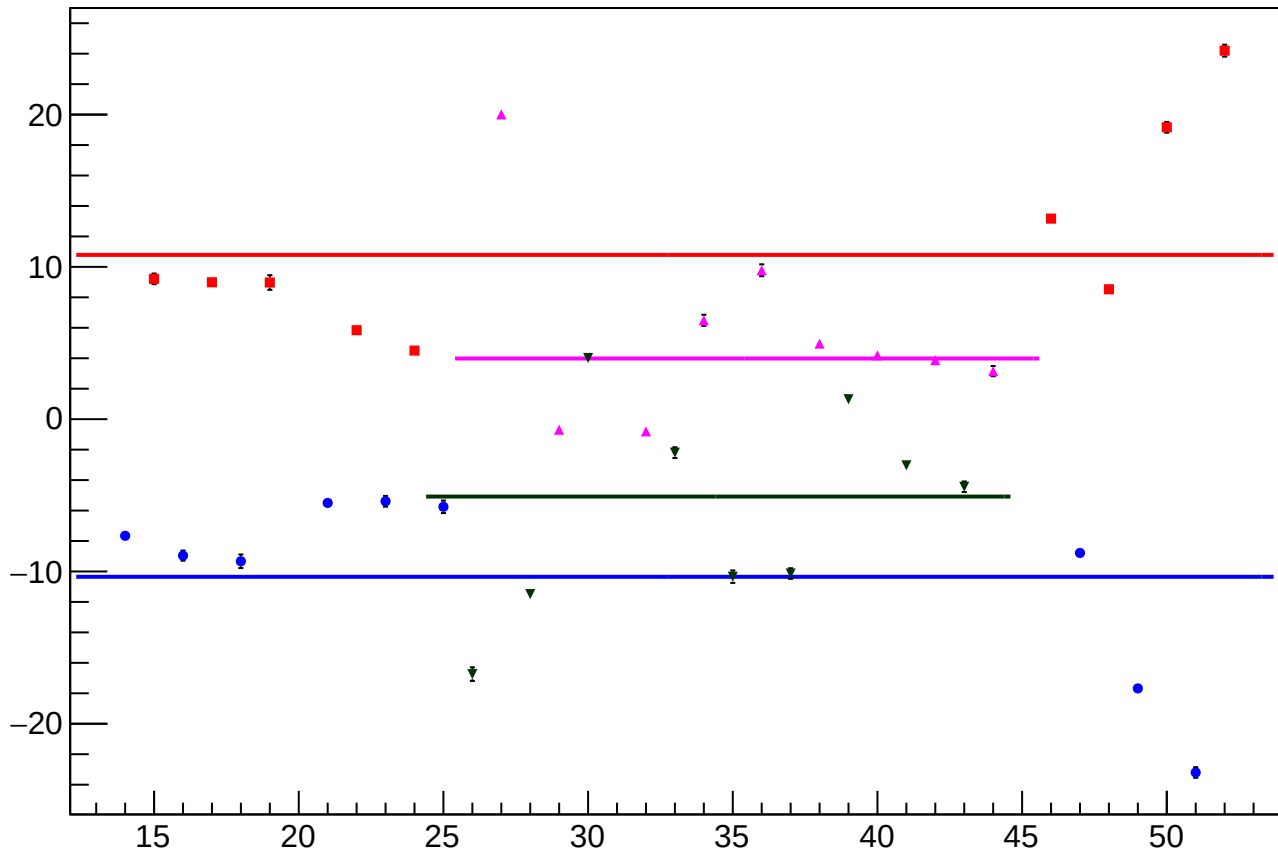
Left Out: -52.846 ± 0.041 χ^2/NDF : 9528.4/8

Right Out: 56.142 ± 0.044 χ^2/NDF : 21824.2/9

Left In: 53.657 ± 0.042 χ^2/NDF : 9586.0/8

-0.290 ± 0.021 χ^2/NDF : 6634283.3/36

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -10.350 ± 0.097 χ^2/NDF : 3301.7/8

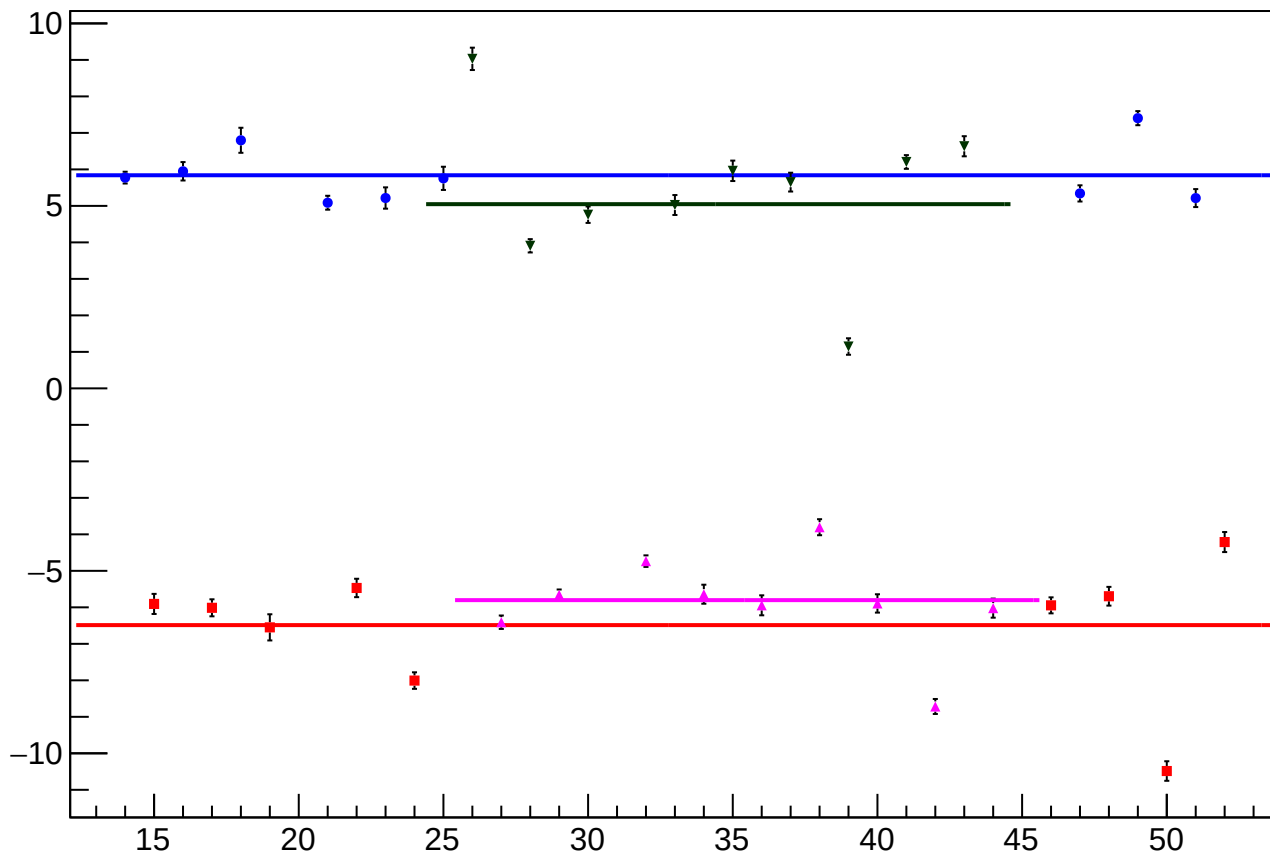
Left Out: -5.082 ± 0.106 χ^2/NDF : 3296.2/8

Right Out: 10.787 ± 0.112 χ^2/NDF : 2576.0/8

Left In: 3.984 ± 0.091 χ^2/NDF : 4557.3/8

-0.526 ± 0.050 χ^2/NDF : 38407.4/35

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.839+/-0.076 χ^2/NDF : 105.4/8

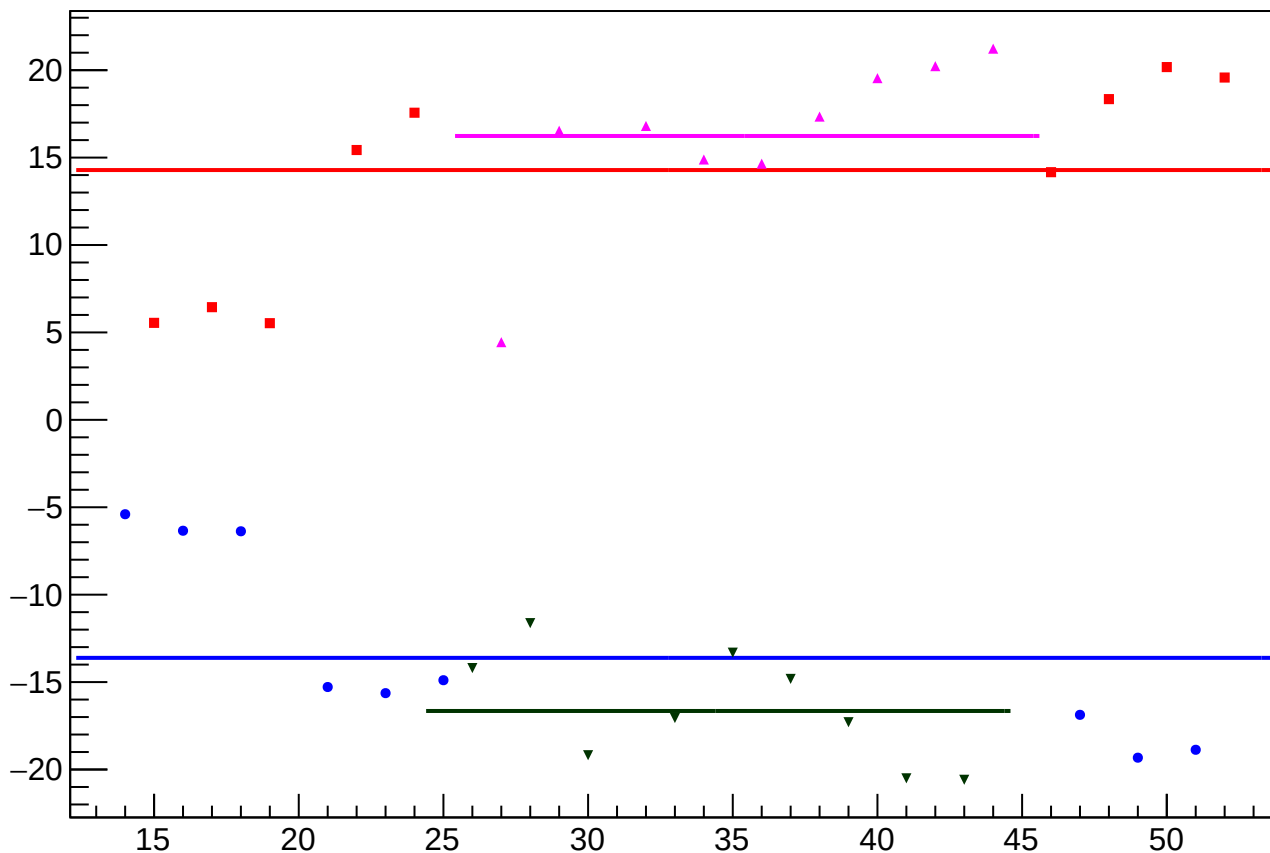
Left Out: 5.047+/-0.078 χ^2/NDF : 595.4/8

Right Out: -6.487+/-0.085 χ^2/NDF : 377.0/8

Left In: -5.803+/-0.067 χ^2/NDF : 343.0/8

-0.464+/-0.038 χ^2/NDF : 24582.6/35

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -13.614 ± 0.018 $\chi^2/\text{NDF}: 85218.5/8$

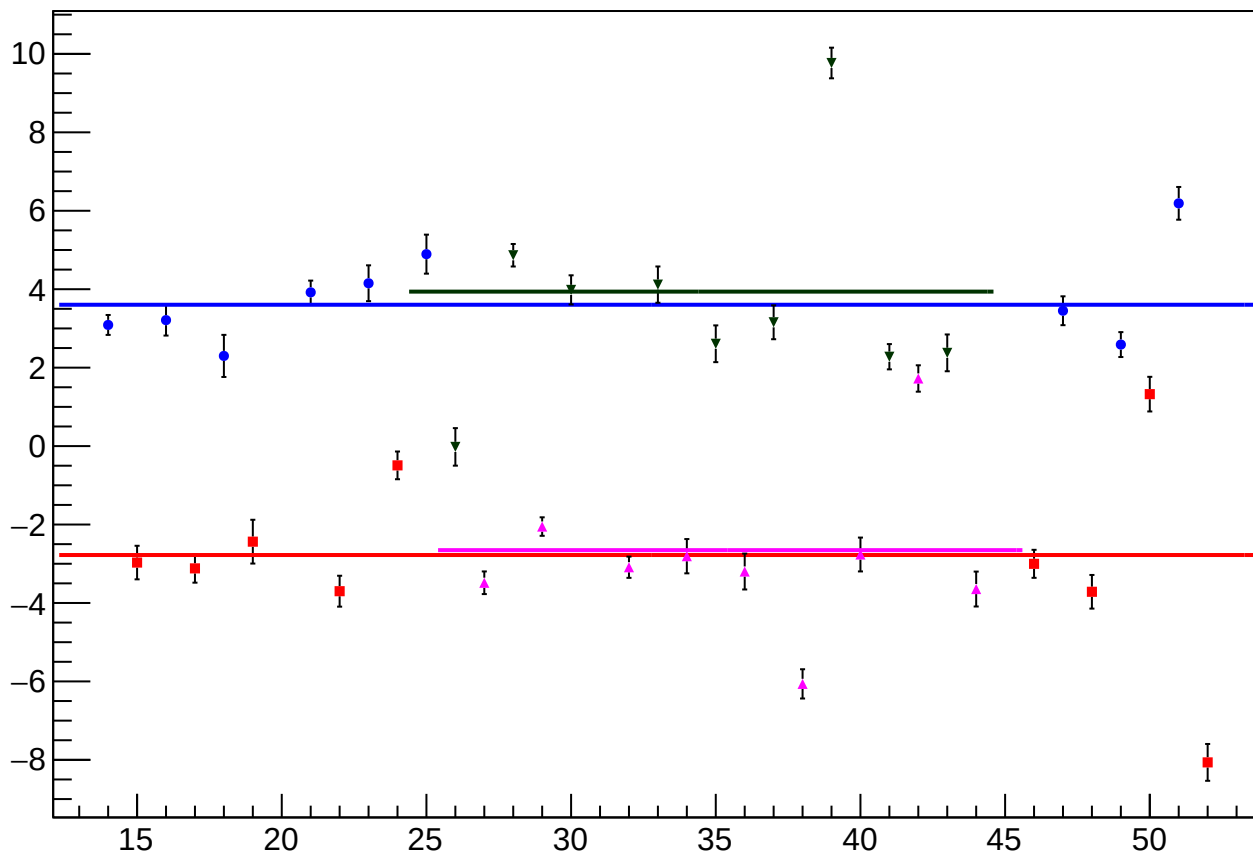
Left Out: -16.652 ± 0.018 $\chi^2/\text{NDF}: 33114.0/8$

Right Out: 14.288 ± 0.020 $\chi^2/\text{NDF}: 64159.4/8$

Left In: 16.236 ± 0.016 $\chi^2/\text{NDF}: 73668.6/8$

0.606 ± 0.009 $\chi^2/\text{NDF}: 3305628.6/35$

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.604 ± 0.121 χ^2/NDF : 69.1/8

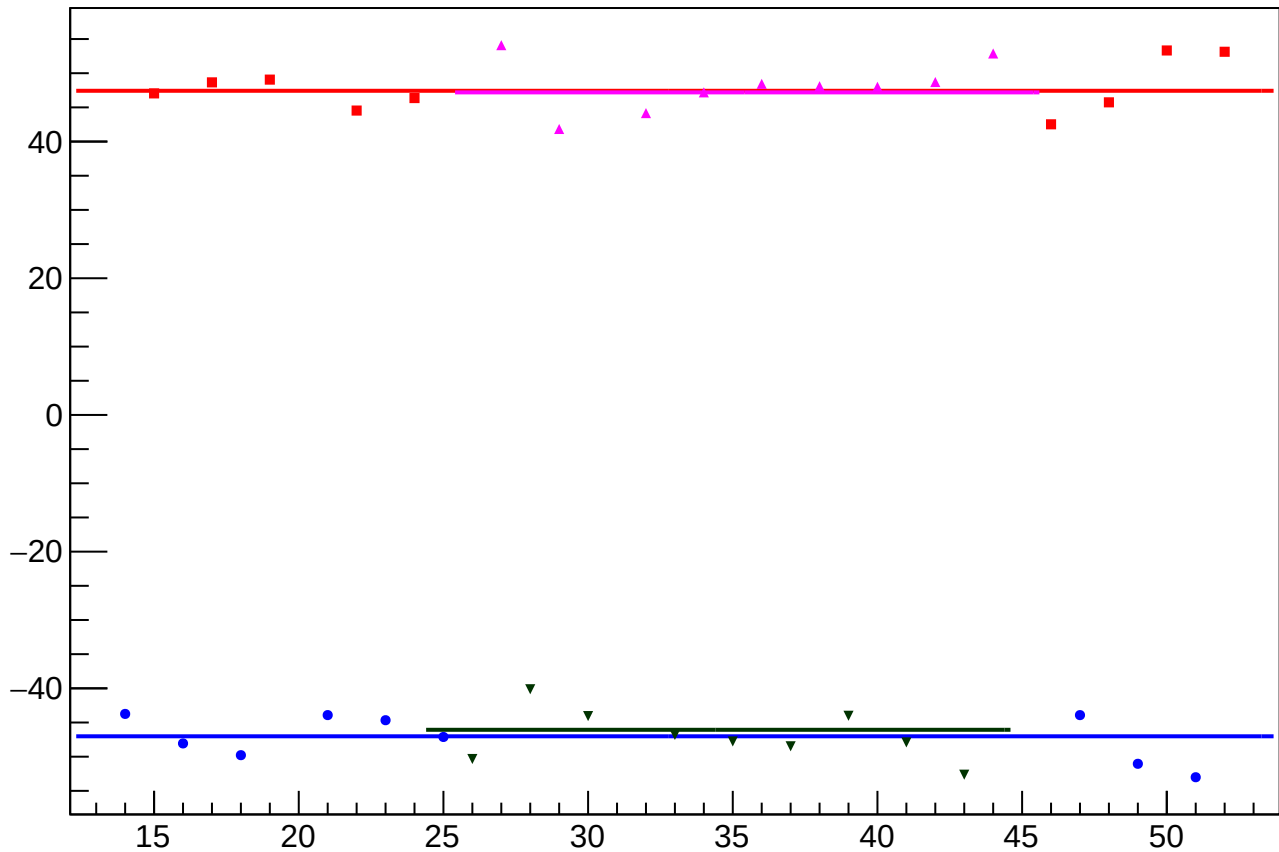
Left Out: 3.939 ± 0.130 χ^2/NDF : 350.7/8

Right Out: -2.777 ± 0.137 χ^2/NDF : 267.0/8

Left In: -2.653 ± 0.112 χ^2/NDF : 276.7/8

0.452 ± 0.062 χ^2/NDF : 3692.1/35

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -47.017 ± 0.024 $\chi^2/\text{NDF}: 19683.7/8$

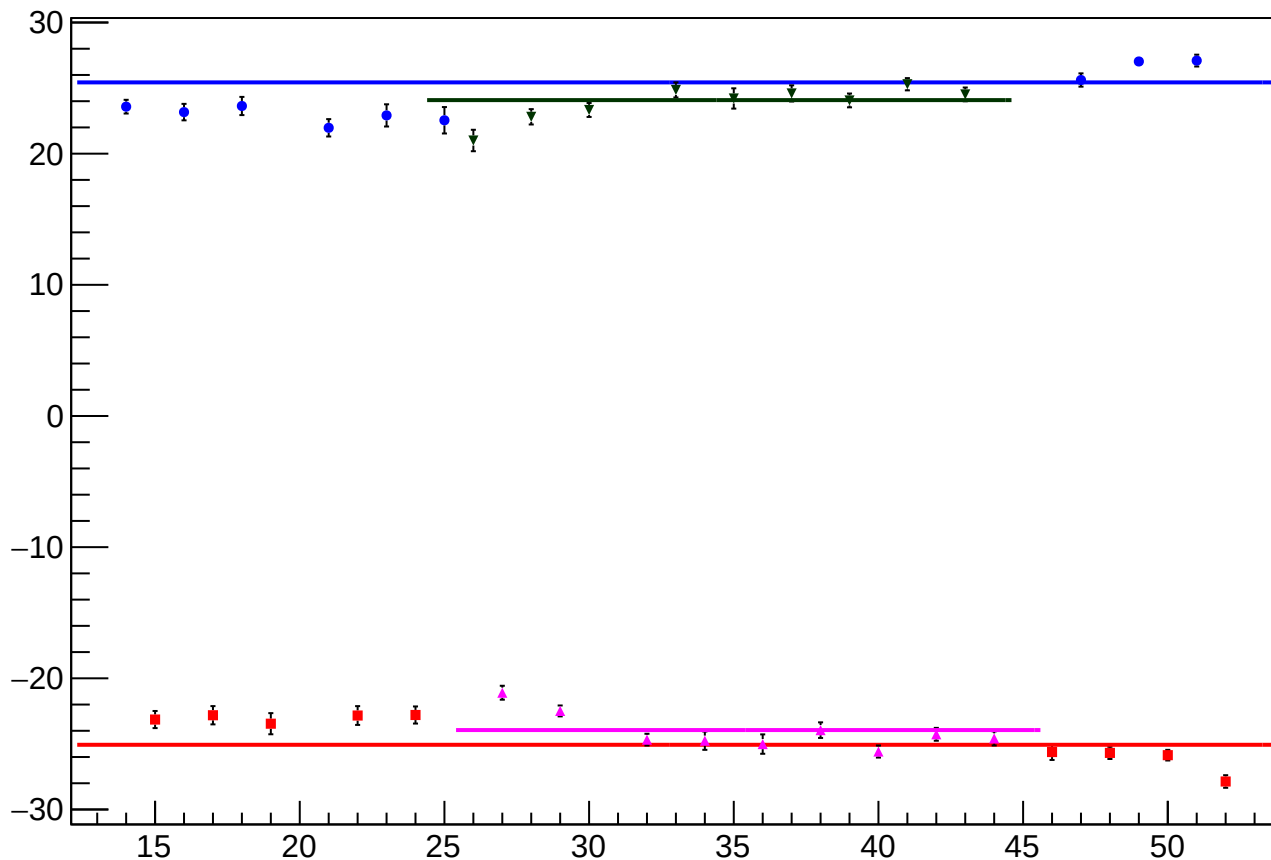
Left Out: -46.065 ± 0.024 $\chi^2/\text{NDF}: 24343.4/8$

Right Out: 47.429 ± 0.025 $\chi^2/\text{NDF}: 18405.3/8$

Left In: 47.193 ± 0.023 $\chi^2/\text{NDF}: 27379.6/8$

-0.165 ± 0.012 $\chi^2/\text{NDF}: 15501353.5/35$

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.433+/-0.168 χ^2/NDF : 124.9/8

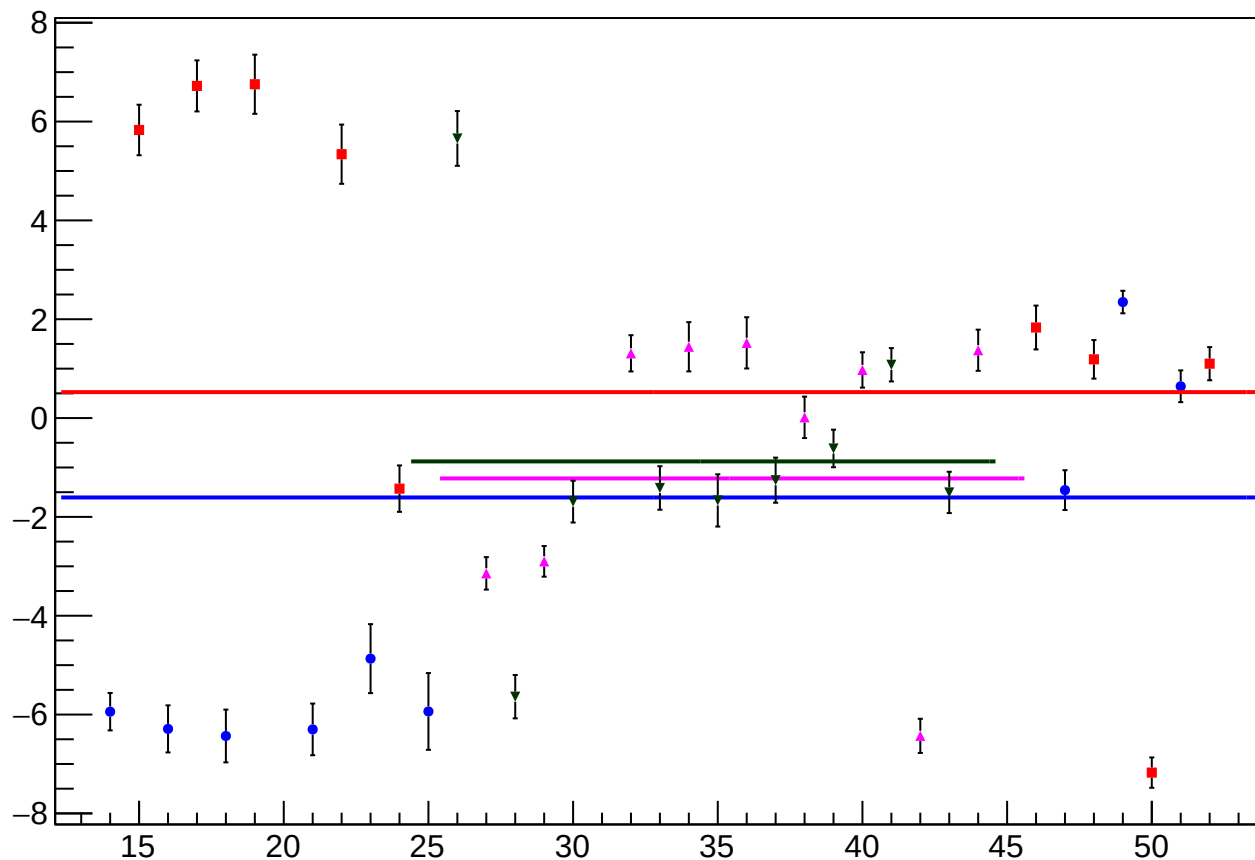
Left Out: 24.083+/-0.192 χ^2/NDF : 30.9/8

Right Out: -25.068+/-0.189 χ^2/NDF : 85.4/8

Left In: -23.944+/-0.173 χ^2/NDF : 61.7/8

0.385+/-0.090 χ^2/NDF : 75624.9/35

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -1.607 ± 0.132 χ^2/NDF : 793.0/8

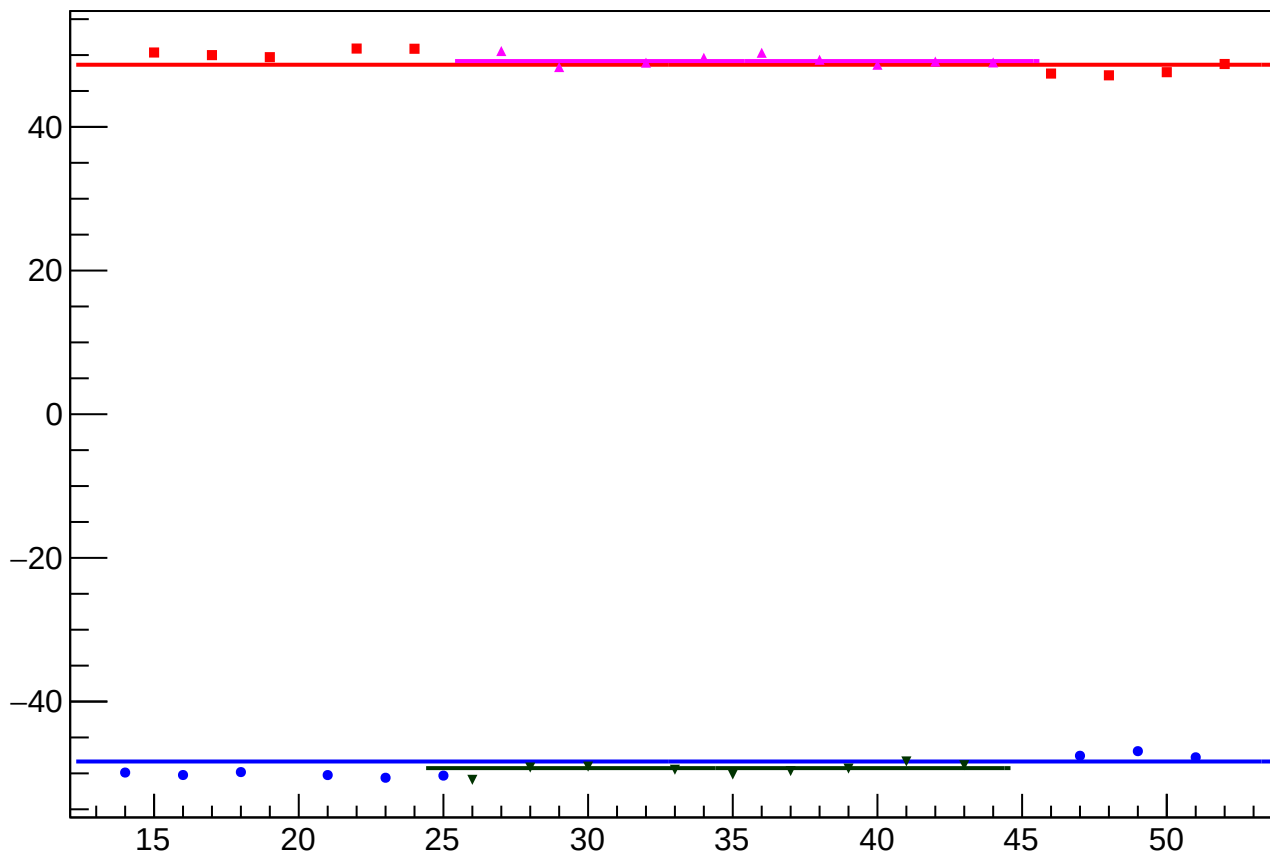
Left Out: -0.877 ± 0.143 χ^2/NDF : 301.4/8

Right Out: 0.525 ± 0.143 χ^2/NDF : 1084.5/8

Left In: -1.222 ± 0.126 χ^2/NDF : 480.3/8

-0.854 ± 0.068 χ^2/NDF : 2793.0/35

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.346±/-0.032 χ^2/NDF : 2006.2/8

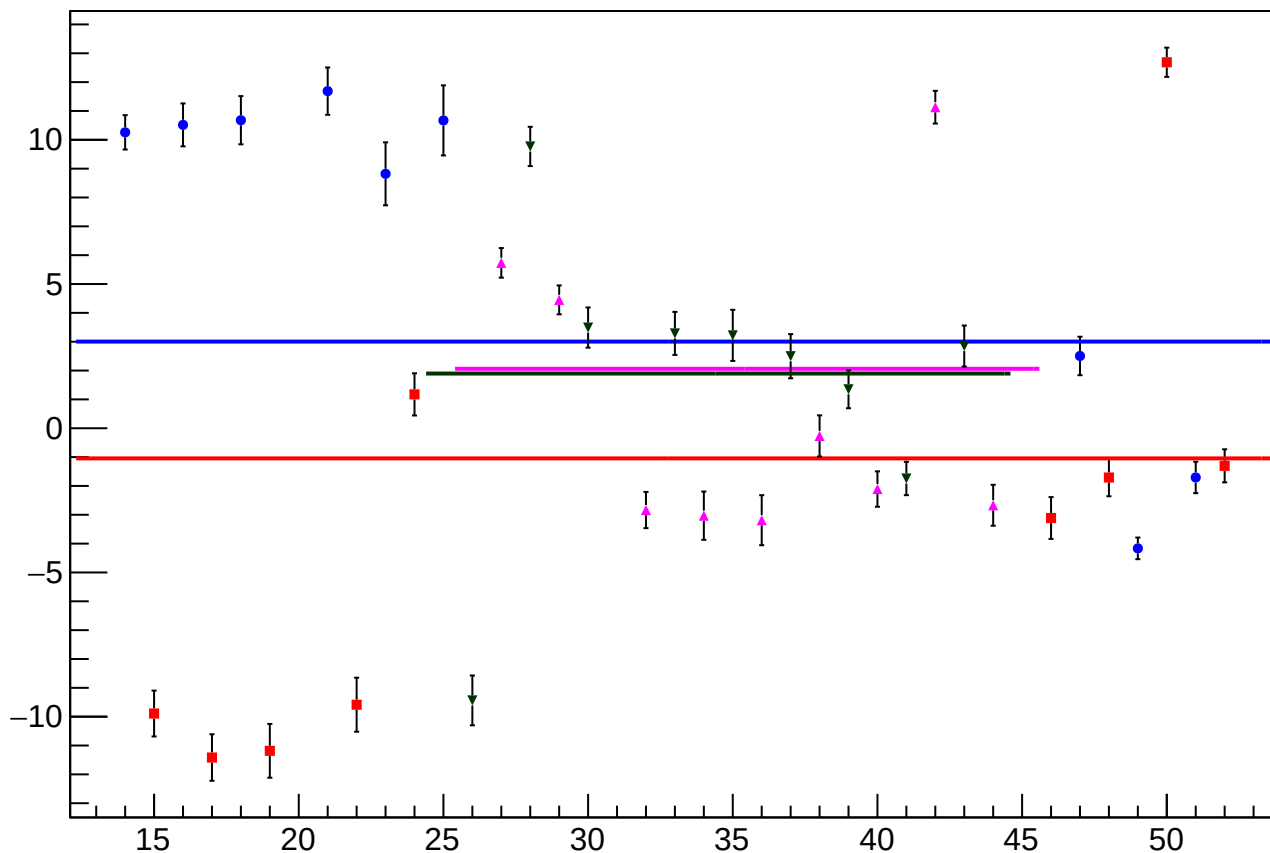
Left Out: -49.268±/-0.032 χ^2/NDF : 377.7/8

Right Out: 48.654±/-0.034 χ^2/NDF : 1629.5/8

Left In: 49.168±/-0.030 χ^2/NDF : 481.7/8

0.531±/-0.016 χ^2/NDF : 9400871.0/35

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 3.005 ± 0.214 $\chi^2/\text{NDF}: 955.4/8$

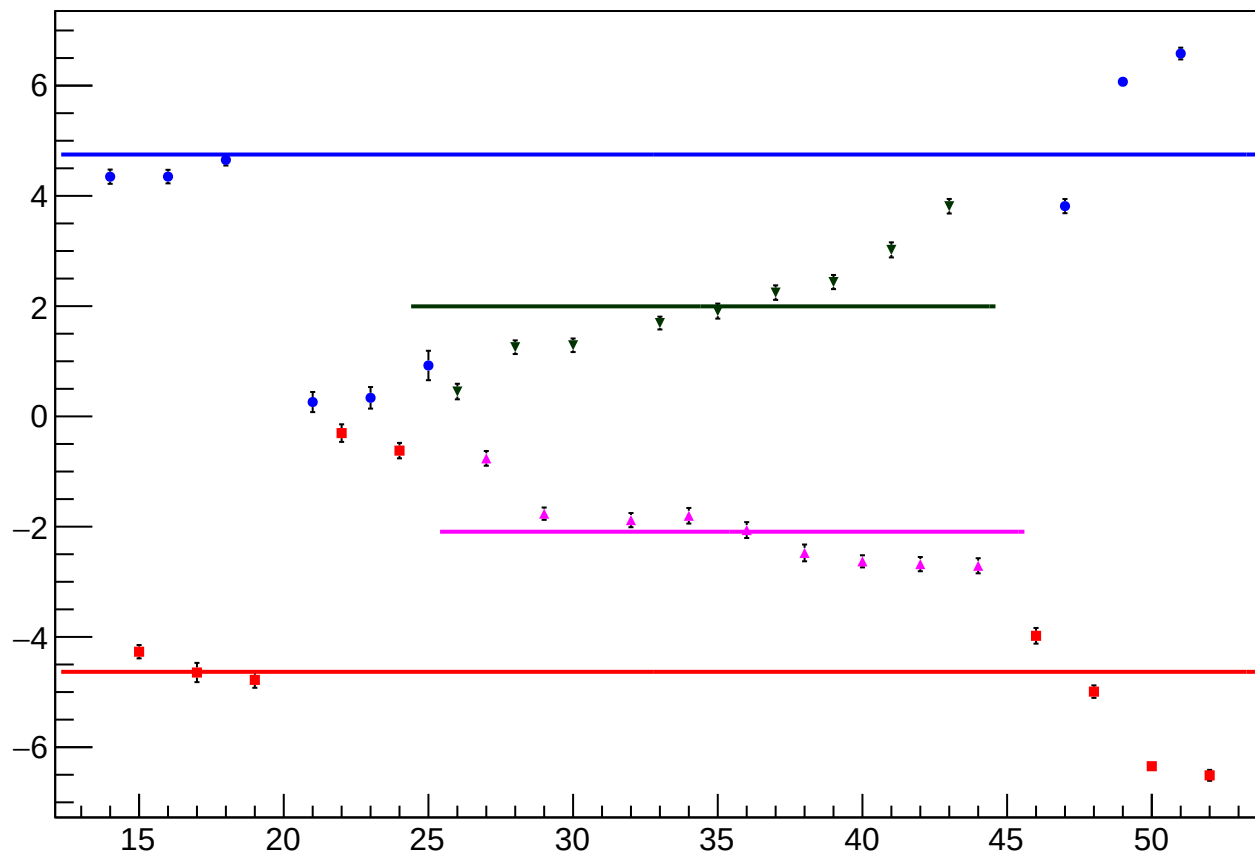
Left Out: 1.897 ± 0.238 $\chi^2/\text{NDF}: 359.8/8$

1.569 ± 0.111 $\chi^2/\text{NDF}: 3303.2/35$

Right Out: -1.045 ± 0.233 $\chi^2/\text{NDF}: 1243.6/8$

Left In: 2.062 ± 0.209 $\chi^2/\text{NDF}: 565.8/8$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 4.750 $\pm$ 0.040 χ^2 /NDF: 2029.7/8

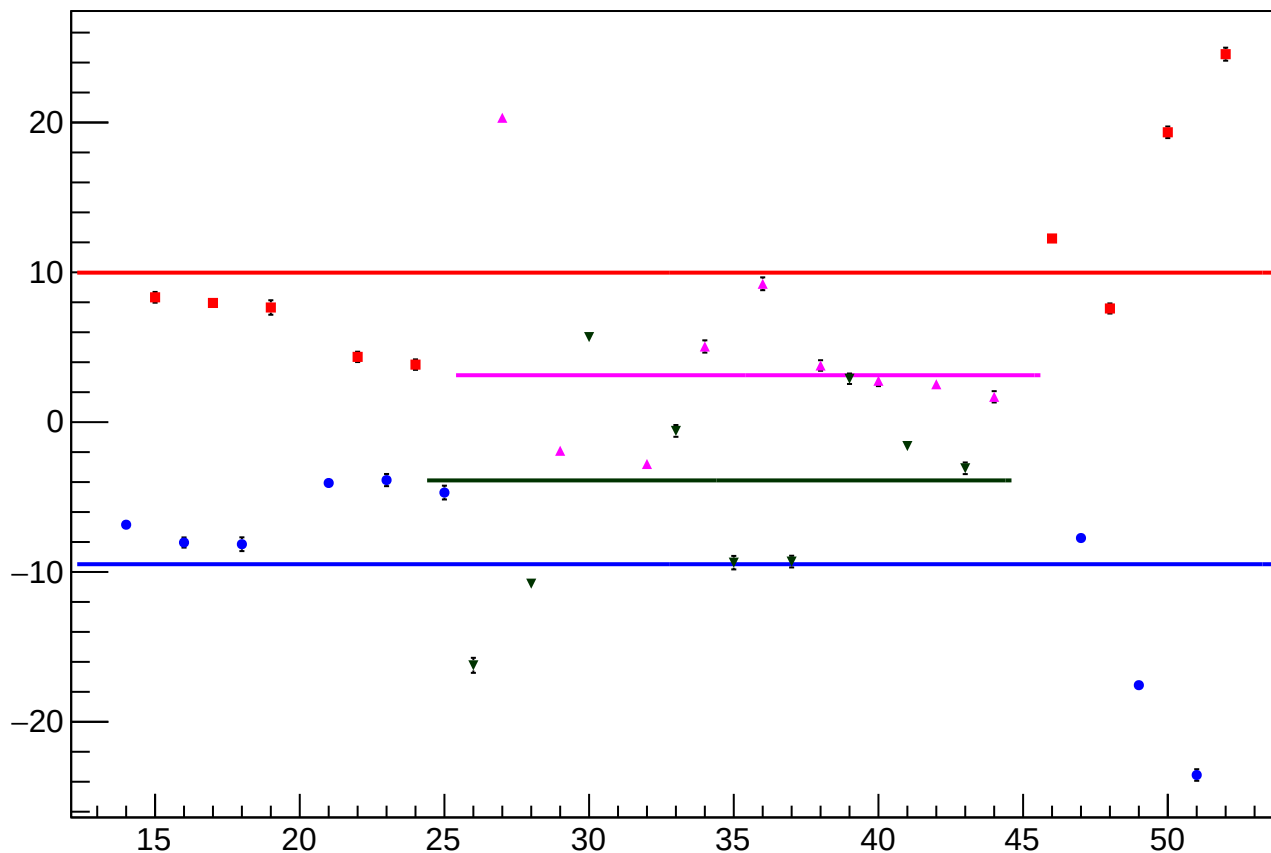
Left Out: 1.996 $\pm$ 0.043 χ^2 /NDF: 455.9/8

Right Out: -4.633 $\pm$ 0.041 χ^2 /NDF: 2304.7/8

Left In: -2.092 $\pm$ 0.043 χ^2 /NDF: 185.6/8

0.110 $\pm$ 0.021 χ^2 /NDF: 36386.9/35

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -9.482 ± 0.105 χ^2/NDF : 3226.7/8

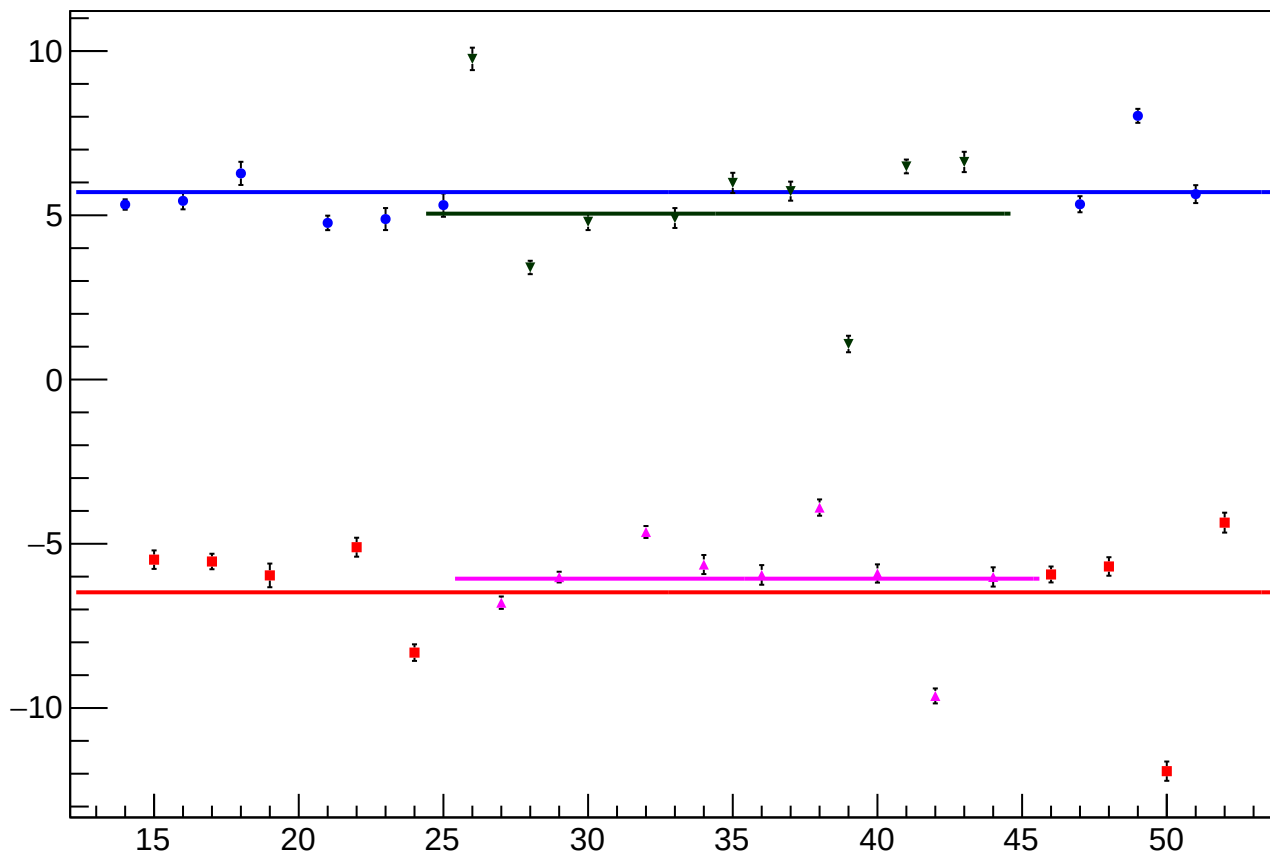
Left Out: -3.888 ± 0.118 χ^2/NDF : 2967.8/8

Right Out: 9.979 ± 0.121 χ^2/NDF : 2466.5/8

Left In: 3.132 ± 0.102 χ^2/NDF : 4858.8/8

-0.474 ± 0.055 χ^2/NDF : 30450.5/35

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.706 $\pm$ 0.081 χ^2 /NDF: 156.0/8

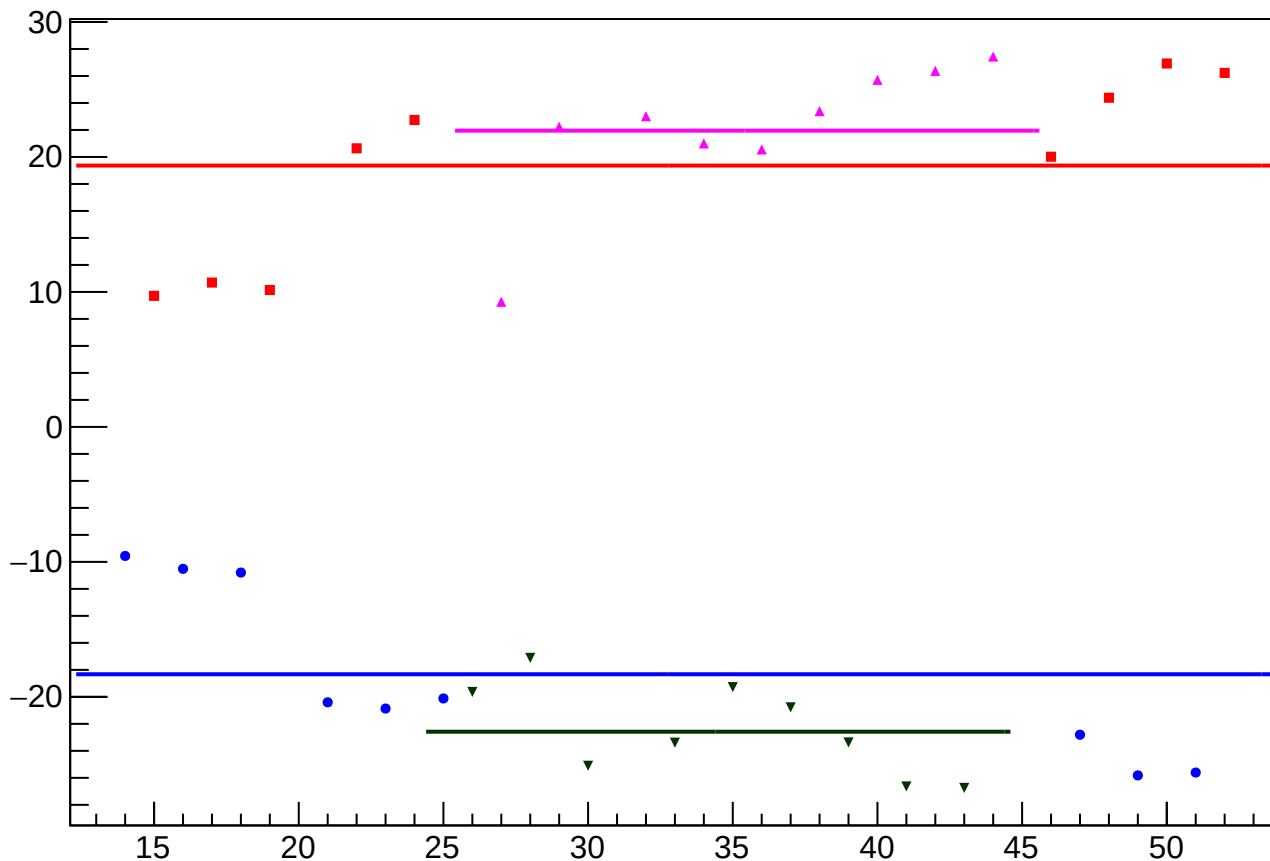
Left Out: 5.050 $\pm$ 0.088 χ^2 /NDF: 593.0/8

-0.555 $\pm$ 0.042 χ^2 /NDF: 21327.1/35

Right Out: -6.478 $\pm$ 0.092 χ^2 /NDF: 512.1/8

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 $\chi^2/\text{NDF}: 106802.2/8$

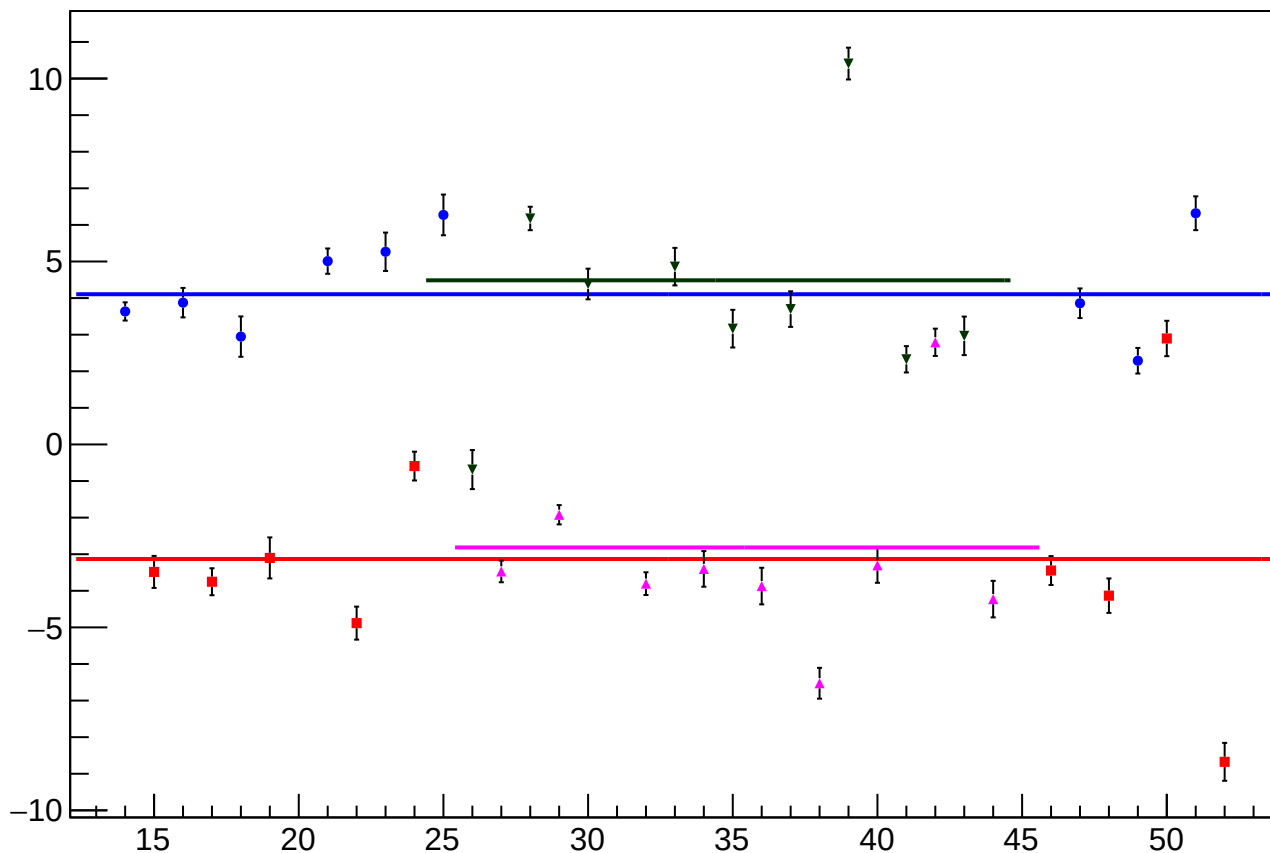
Left Out: -22.582 ± 0.020 $\chi^2/\text{NDF}: 29955.2/8$

Right Out: 19.361 ± 0.022 $\chi^2/\text{NDF}: 77288.8/8$

Left In: 21.949 ± 0.017 $\chi^2/\text{NDF}: 78860.8/8$

0.788 ± 0.010 $\chi^2/\text{NDF}: 4858785.8/35$

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.105+/-0.129 χ^2/NDF : 85.5/8

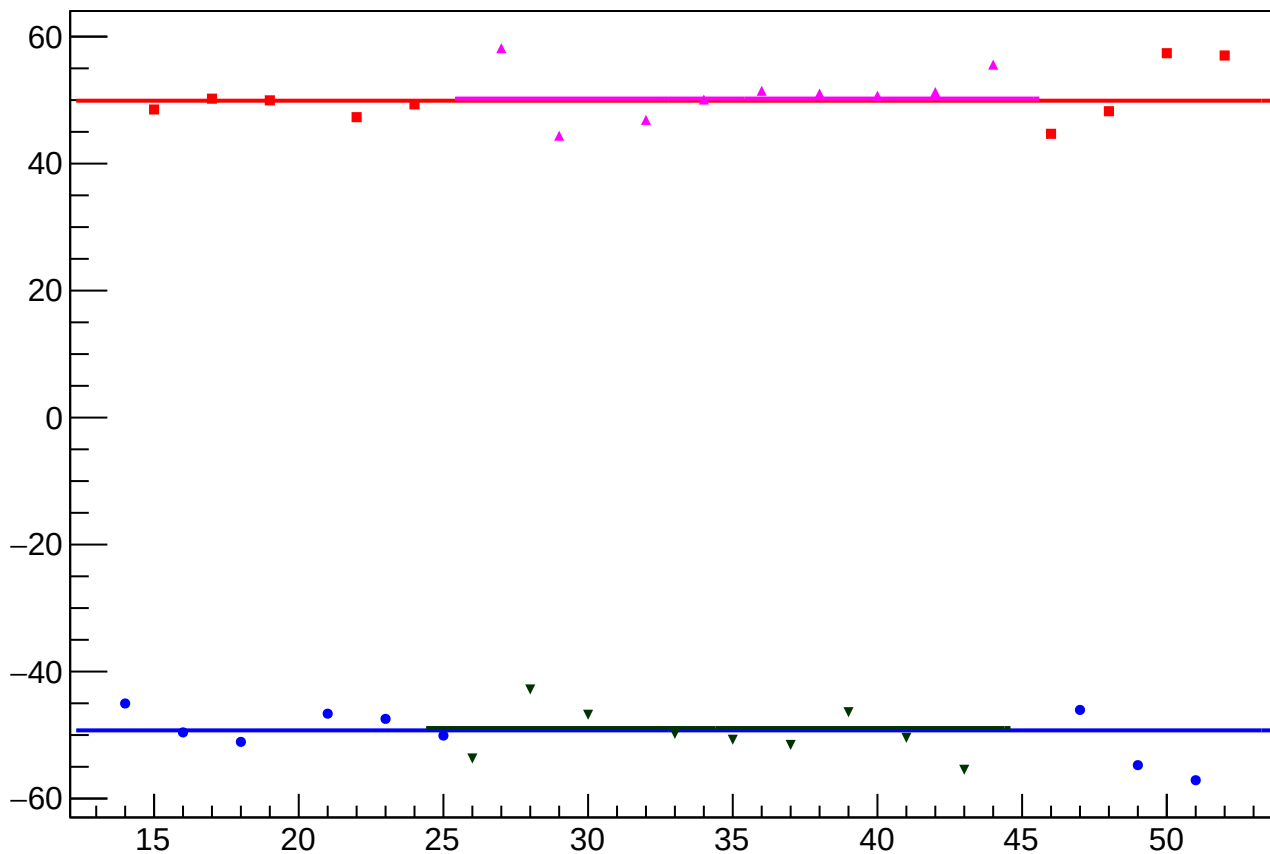
Left Out: 4.486+/-0.145 χ^2/NDF : 361.5/8

0.588+/-0.068 χ^2/NDF : 3982.8/35

Right Out: -3.131+/-0.147 χ^2/NDF : 334.9/8

Left In: -2.816+/-0.123 χ^2/NDF : 345.0/8

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -49.263+/-0.025 χ^2/NDF : 23984.0/8

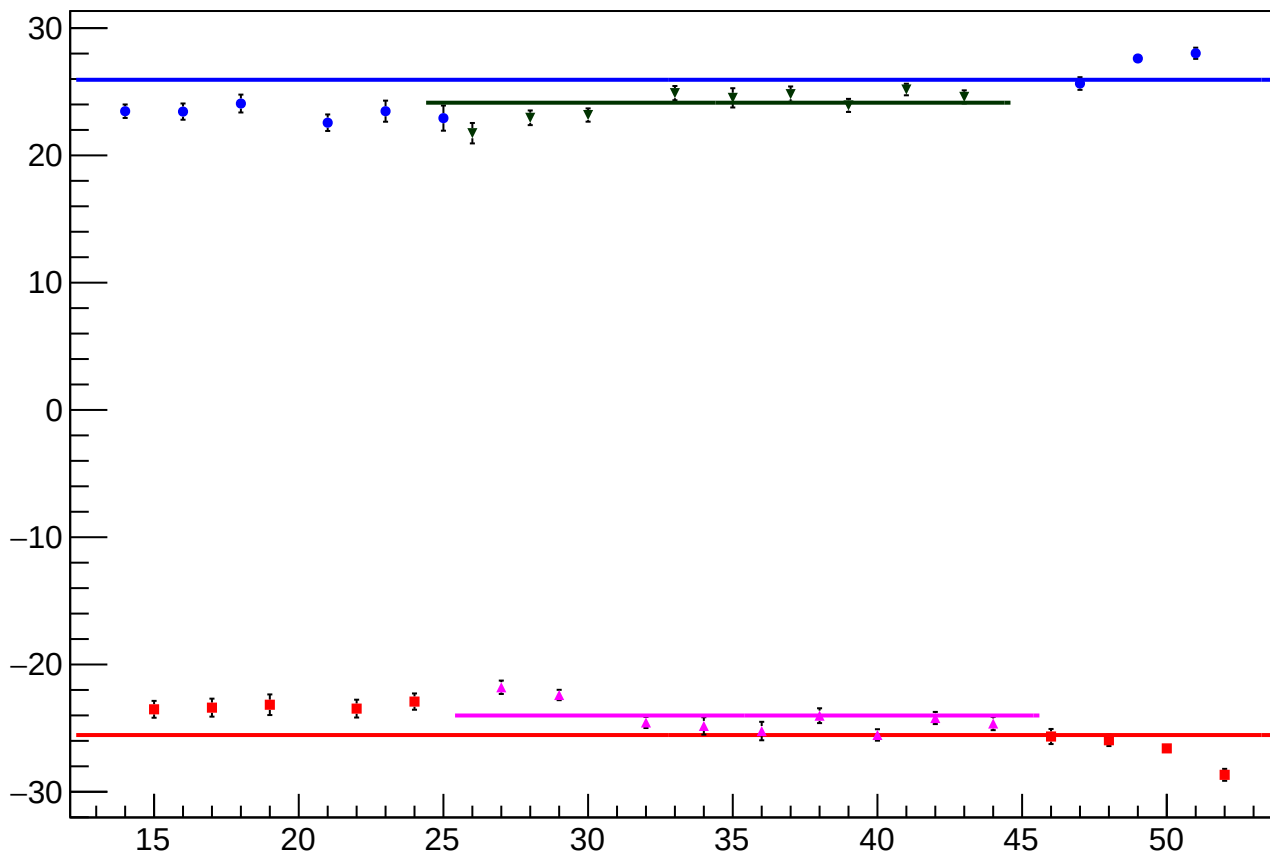
Left Out: -48.894+/-0.027 χ^2/NDF : 21073.6/8

Right Out: 49.905+/-0.027 χ^2/NDF : 20095.7/8

Left In: 50.244+/-0.026 χ^2/NDF : 27248.9/8

-0.167+/-0.013 χ^2/NDF : 14511099.1/35

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 25.941+/-0.166 χ^2/NDF : 152.0/8

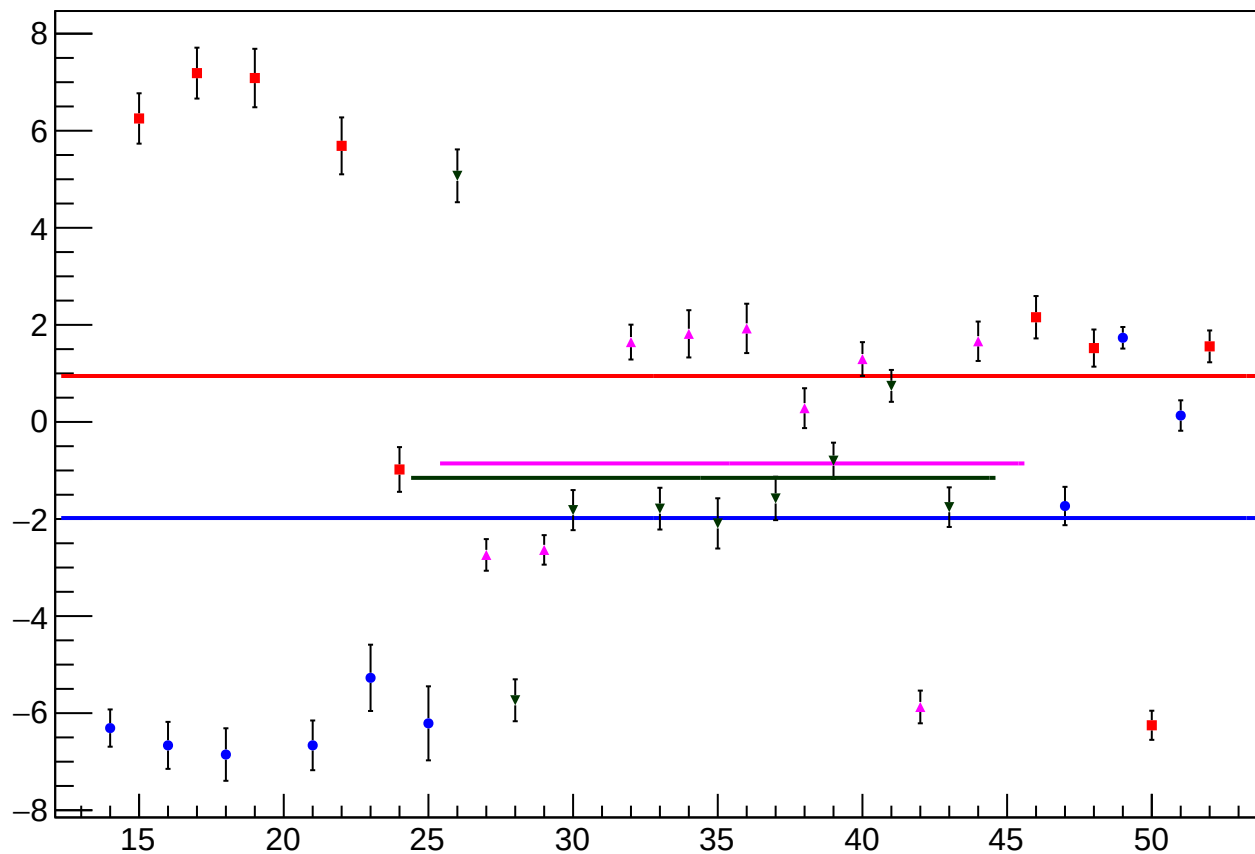
Left Out: 24.140+/-0.188 χ^2/NDF : 26.0/8

0.415+/-0.088 χ^2/NDF : 80207.5/35

Right Out: -25.543+/-0.186 χ^2/NDF : 105.1/8

Left In: -24.007+/-0.169 χ^2/NDF : 52.5/8

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -1.980 ± 0.130 $\chi^2/\text{NDF}: 764.2/8$

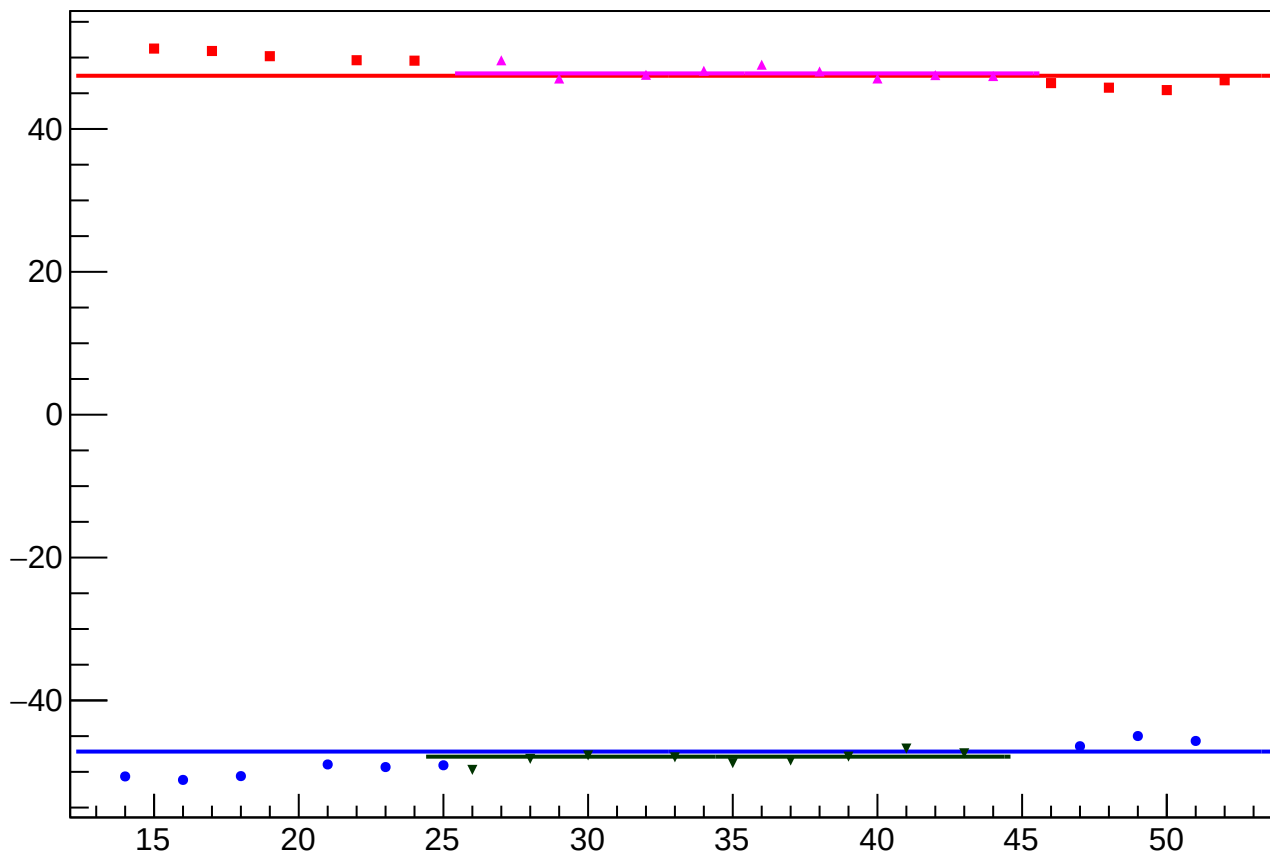
Left Out: -1.152 ± 0.140 $\chi^2/\text{NDF}: 288.7/8$

Right Out: 0.947 ± 0.141 $\chi^2/\text{NDF}: 1022.3/8$

Left In: -0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.815 ± 0.067 $\chi^2/\text{NDF}: 2799.1/35$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.160 $\pm$ 0.031 χ^2 /NDF: 5421.7/8

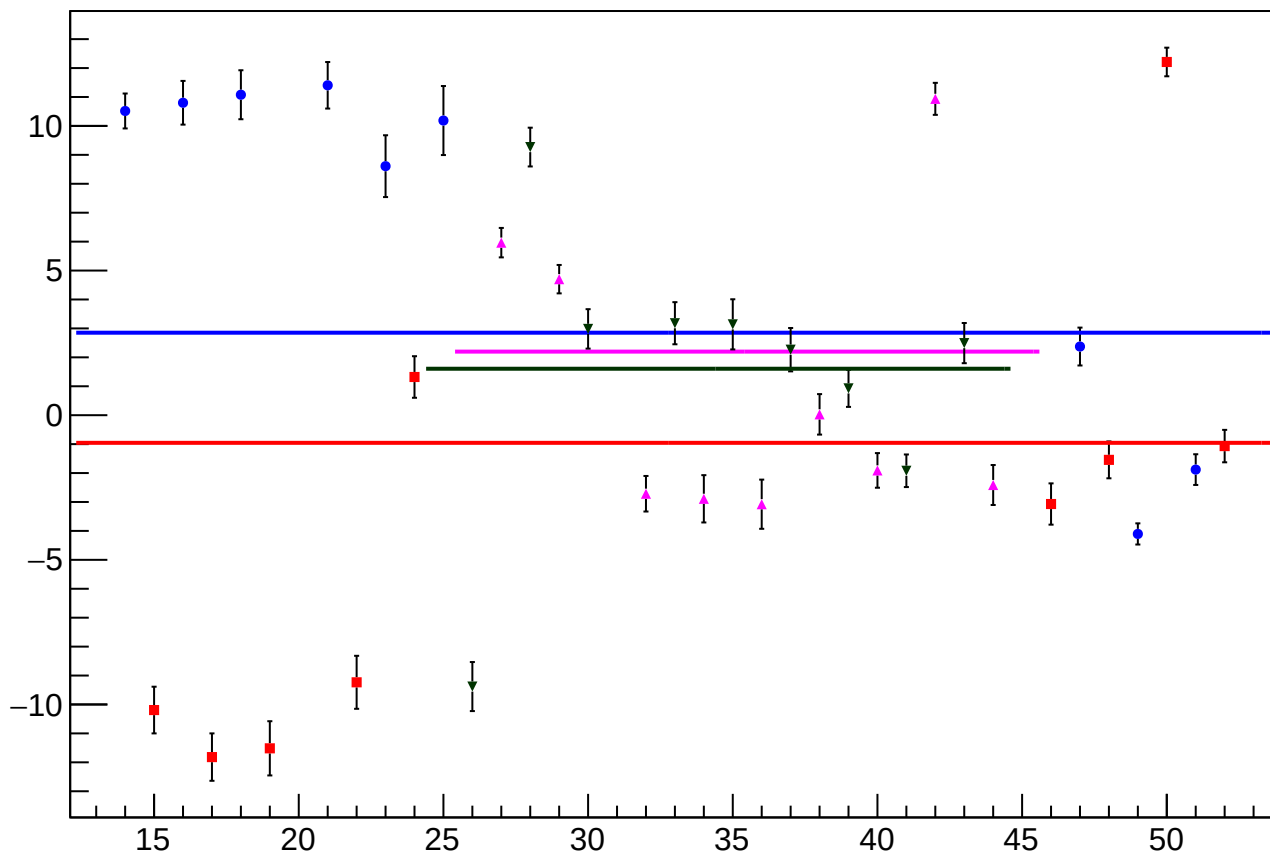
Left Out: -47.875 $\pm$ 0.031 χ^2 /NDF: 531.8/8

Right Out: 47.450 $\pm$ 0.034 χ^2 /NDF: 3729.6/8

Left In: 47.781 $\pm$ 0.029 χ^2 /NDF: 693.0/8

0.513 $\pm$ 0.016 χ^2 /NDF: 9251408.7/35

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 2.852 ± 0.211 χ^2/NDF : 987.4/8

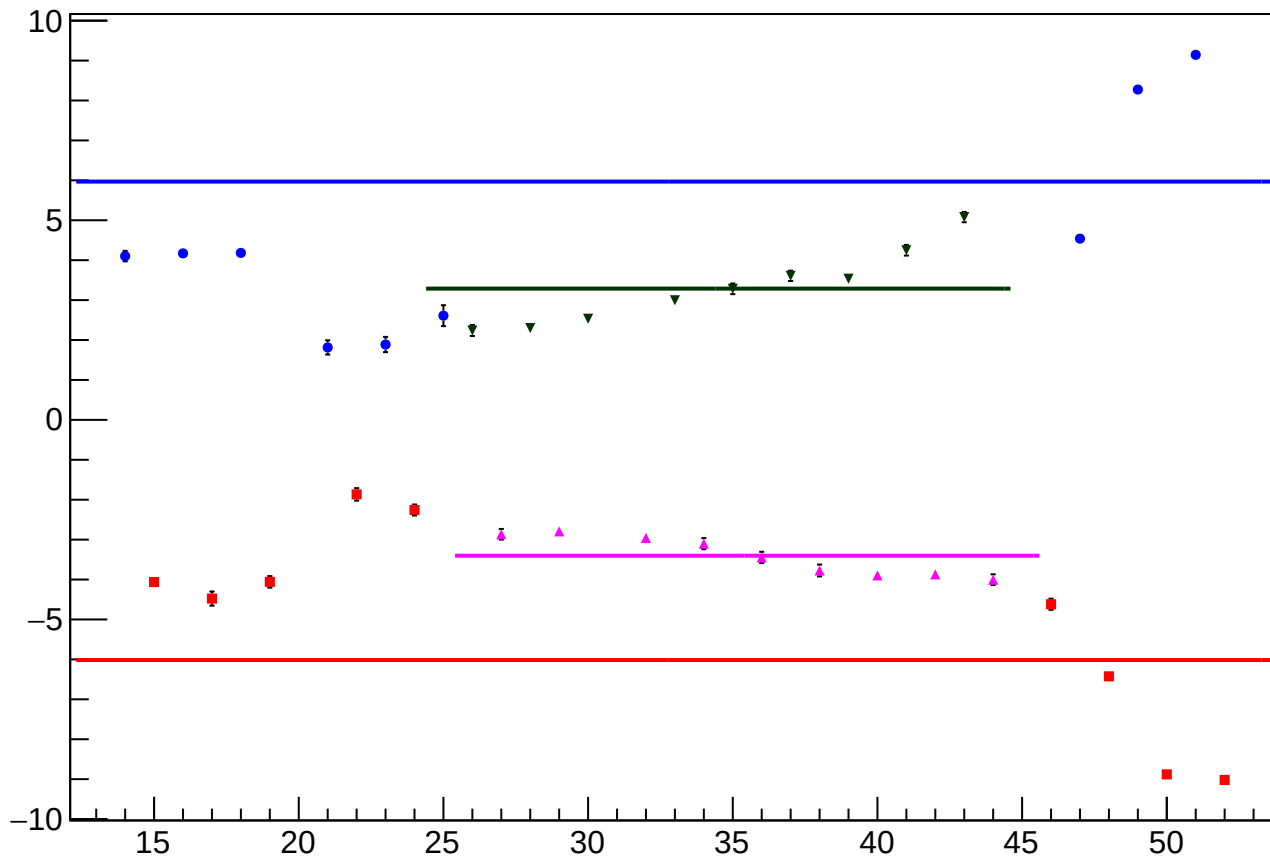
Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

1.526 ± 0.109 χ^2/NDF : 3323.7/35

Right Out: -0.955 ± 0.230 χ^2/NDF : 1243.5/8

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 ± 0.039 χ^2/NDF : 4019.9/8

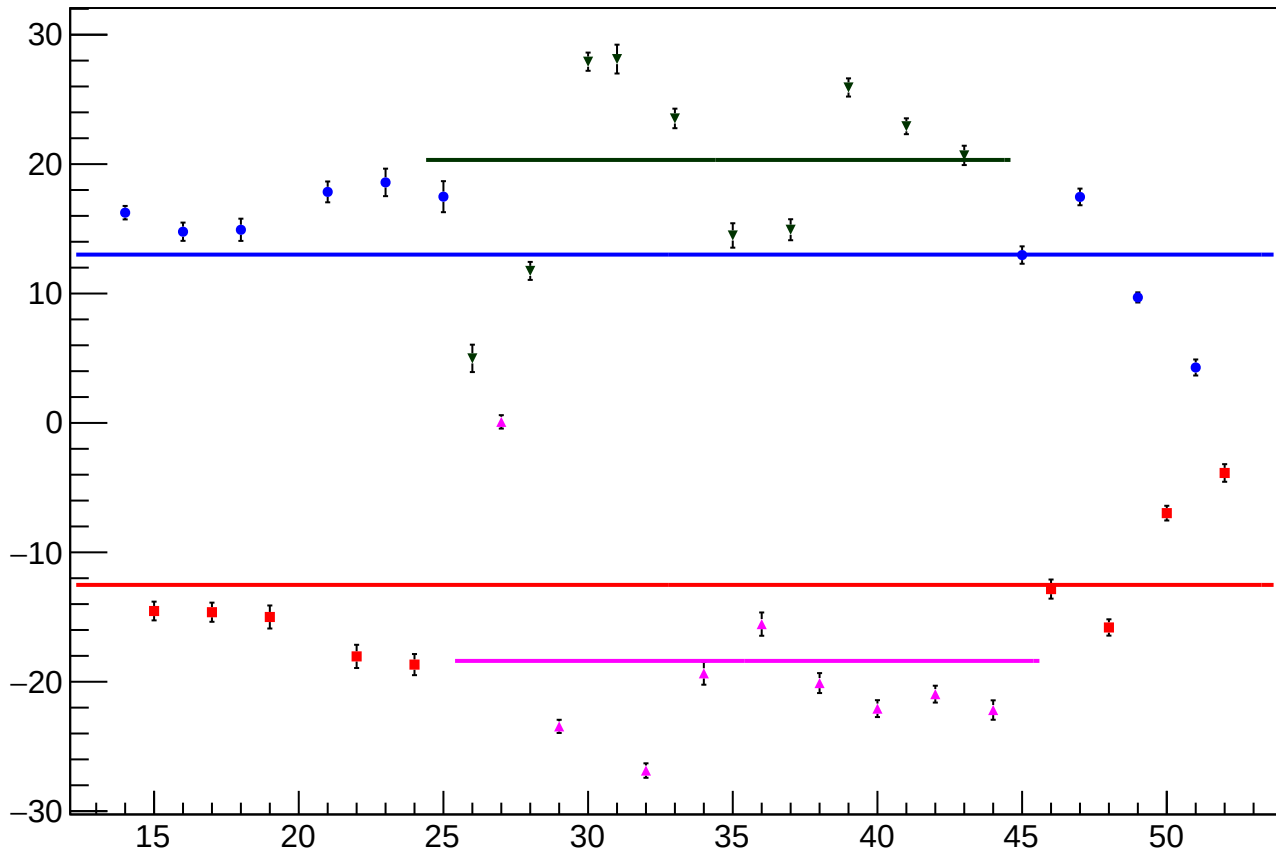
Left Out: 3.288 ± 0.042 χ^2/NDF : 423.4/8

Right Out: -6.016 ± 0.041 χ^2/NDF : 4066.1/8

Left In: -3.402 ± 0.042 χ^2/NDF : 125.8/8

0.083 ± 0.021 χ^2/NDF : 66103.7/35

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 13.008+/-0.204 χ^2/NDF : 445.3/9

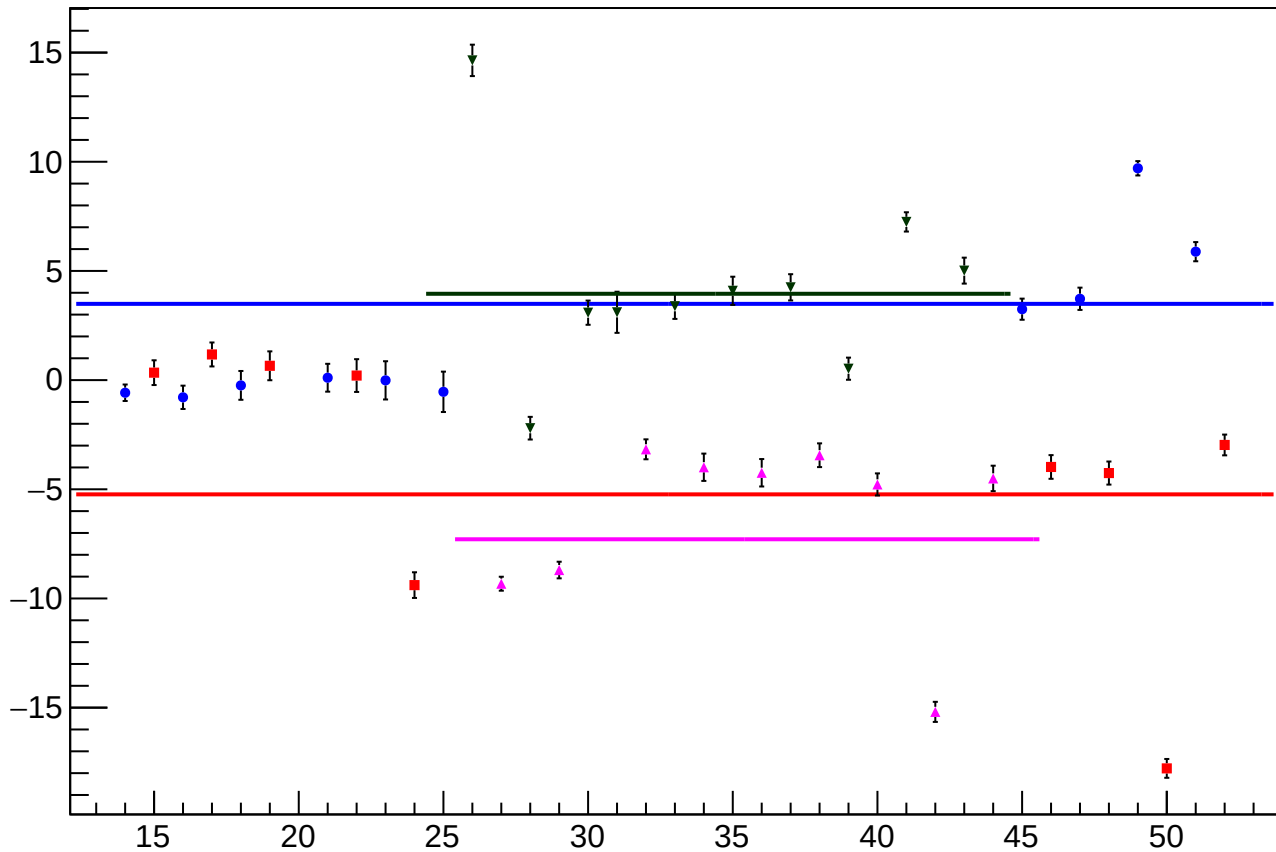
Left Out: 20.323+/-0.245 χ^2/NDF : 709.6/9

Right Out: -12.516+/-0.240 χ^2/NDF : 402.5/8

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.484+/-0.112 χ^2/NDF : 24130.8/37

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.492 ± 0.157 χ^2/NDF : 662.8/9

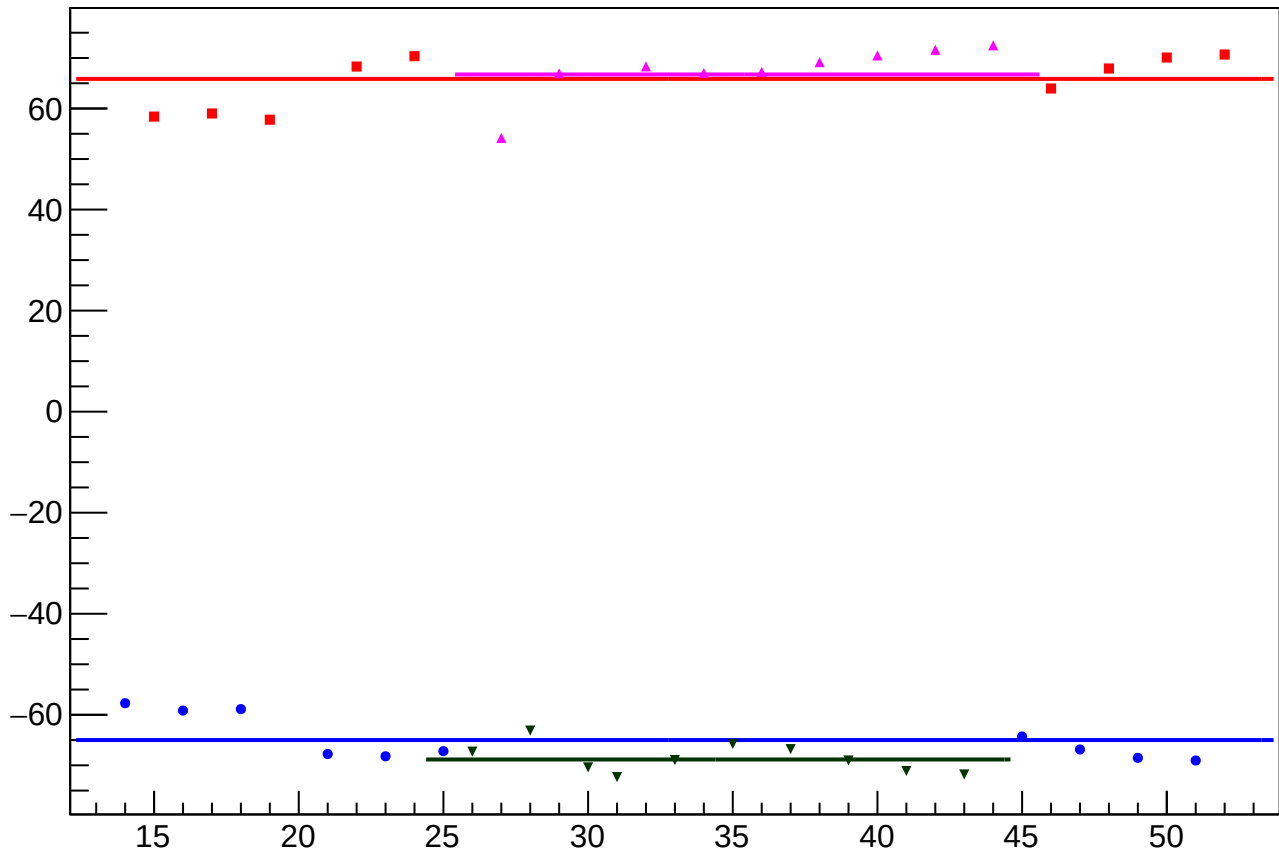
Left Out: 3.954 ± 0.183 χ^2/NDF : 470.5/9

-1.417 ± 0.084 χ^2/NDF : 6716.2/37

Right Out: -5.232 ± 0.182 χ^2/NDF : 1293.9/8

Left In: -7.289 ± 0.155 χ^2/NDF : 579.9/8

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -64.999 $\pm$ 0.038 χ^2 /NDF: 12776.5/9

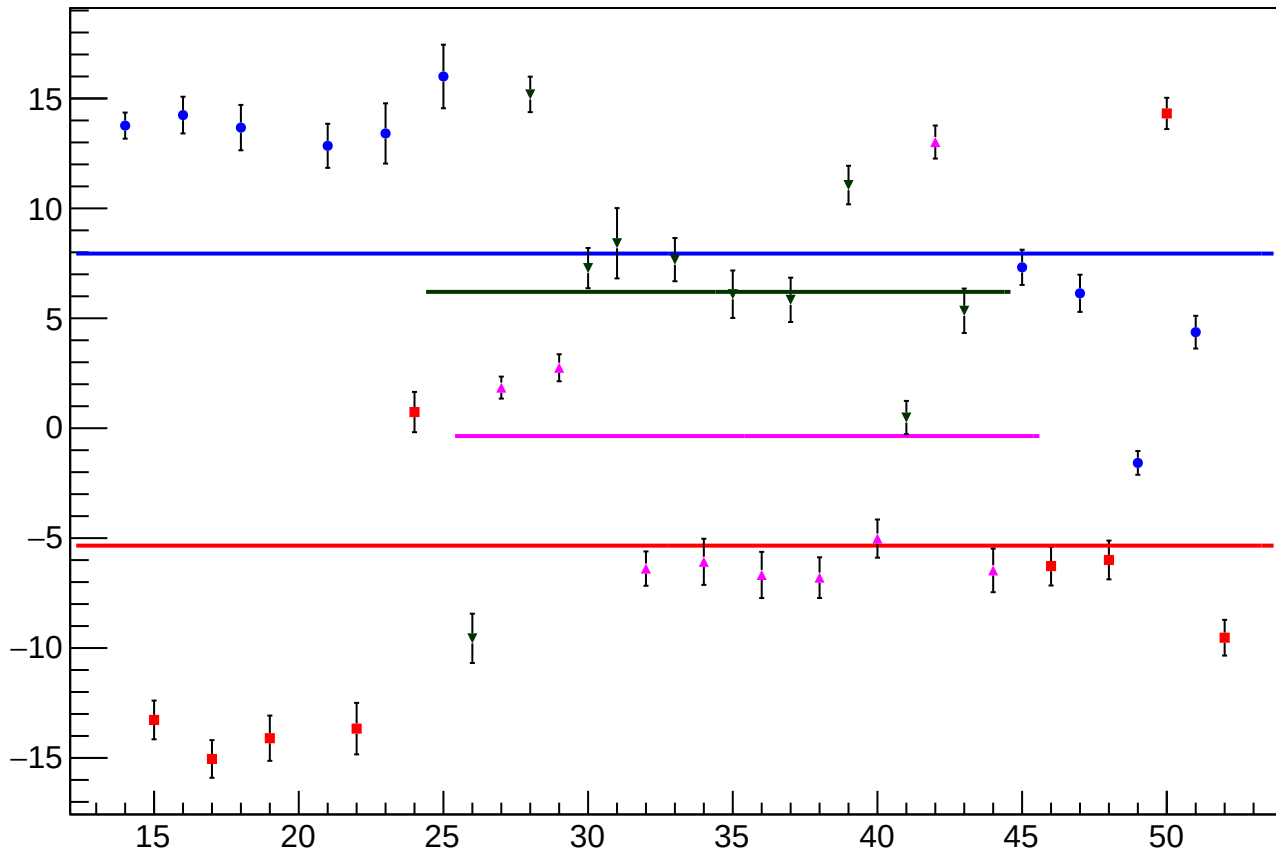
Left Out: -68.841 $\pm$ 0.040 χ^2 /NDF: 4612.8/9

Right Out: 65.864 $\pm$ 0.044 χ^2 /NDF: 12149.0/8

Left In: 66.738 $\pm$ 0.037 χ^2 /NDF: 23839.1/8

-1.717 $\pm$ 0.020 χ^2 /NDF: 11369467.4/37

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 7.944 ± 0.255 χ^2/NDF : 593.7/9

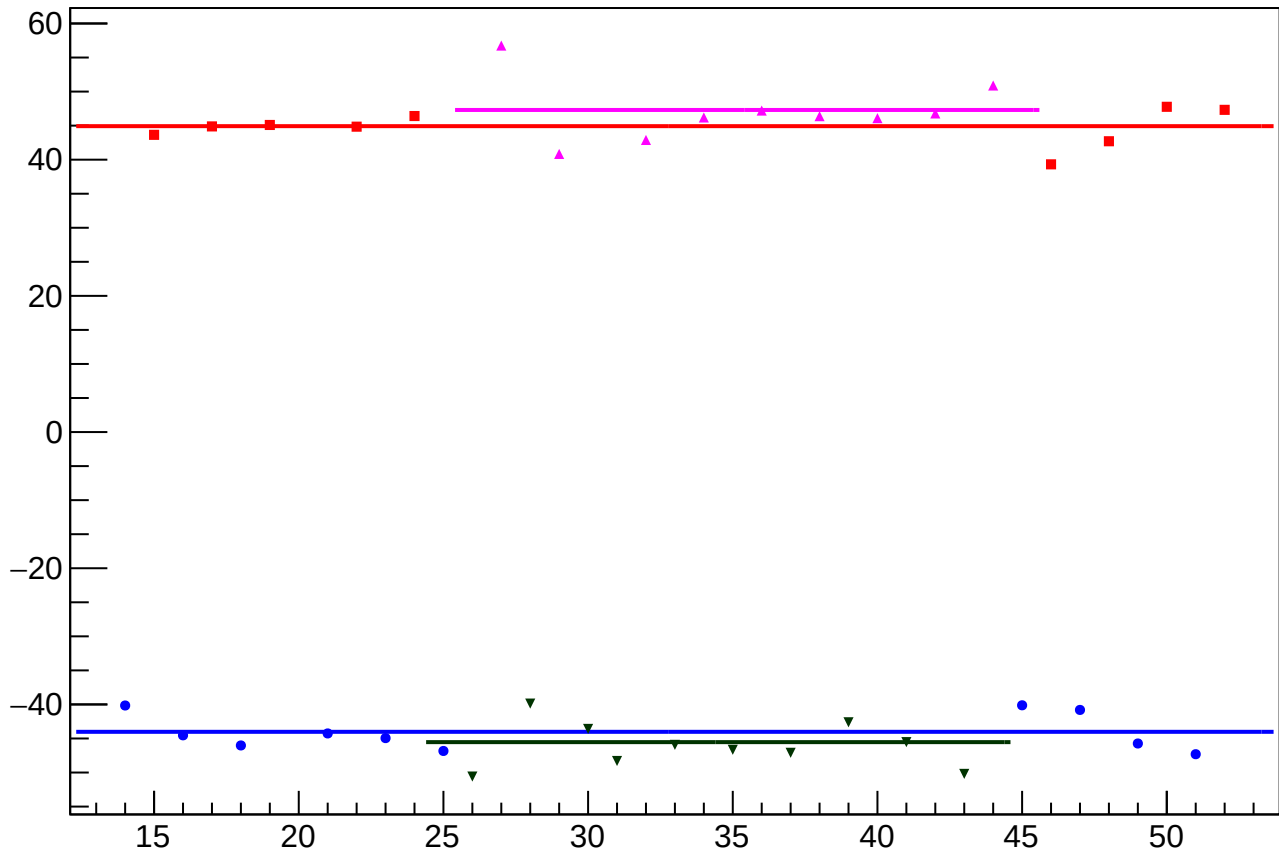
Left Out: 6.202 ± 0.304 χ^2/NDF : 415.3/9

2.298 ± 0.137 χ^2/NDF : 4219.9/37

Right Out: -5.342 ± 0.294 χ^2/NDF : 1168.8/8

Left In: -0.356 ± 0.255 χ^2/NDF : 602.4/8

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.021+/-0.048 χ^2/NDF : 2987.8/9

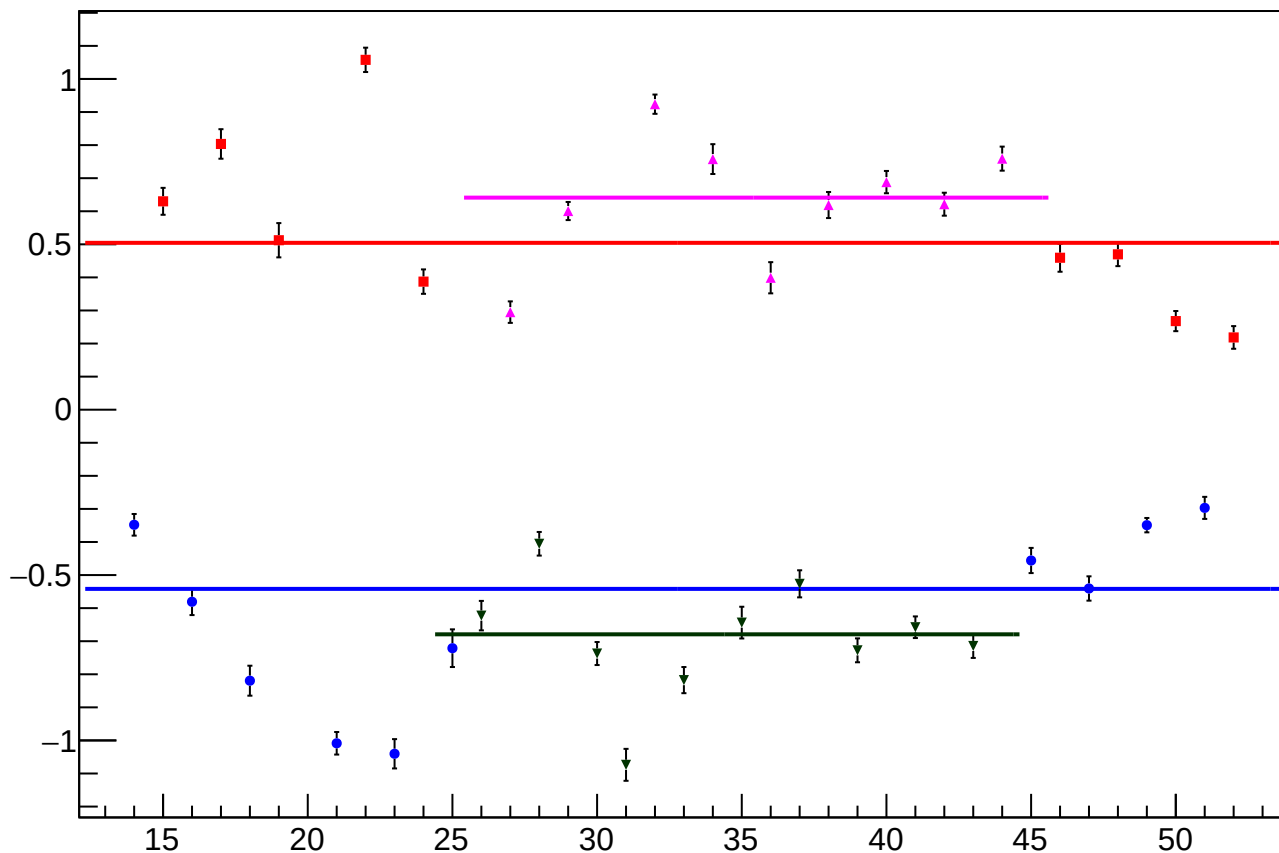
Left Out: -45.536+/-0.055 χ^2/NDF : 3476.0/9

Right Out: 44.922+/-0.052 χ^2/NDF : 2184.3/8

Left In: 47.301+/-0.054 χ^2/NDF : 8552.3/8

-0.954+/-0.026 χ^2/NDF : 3035932.8/37

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.542+/-0.011 χ^2/NDF : 534.7/9

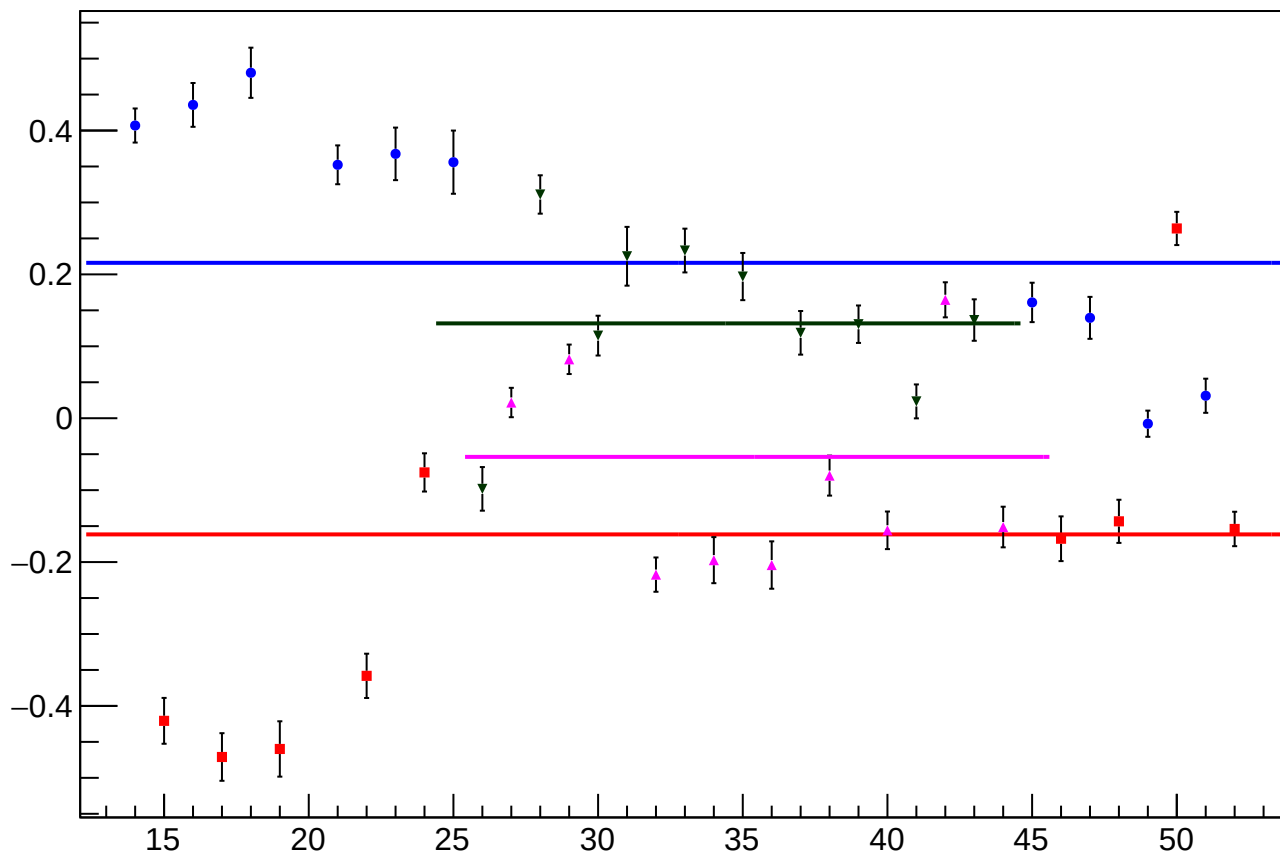
Left Out: -0.679+/-0.012 χ^2/NDF :159.8/9

Right Out: 0.505+/-0.013 χ^2/NDF : 422.4/8

Left In: 0.641+/-0.012 χ^2/NDF :255.8/8

-0.035+/-0.006 χ^2/NDF : 11483.5/37

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.216 ± 0.009 χ^2/NDF : 449.6/9

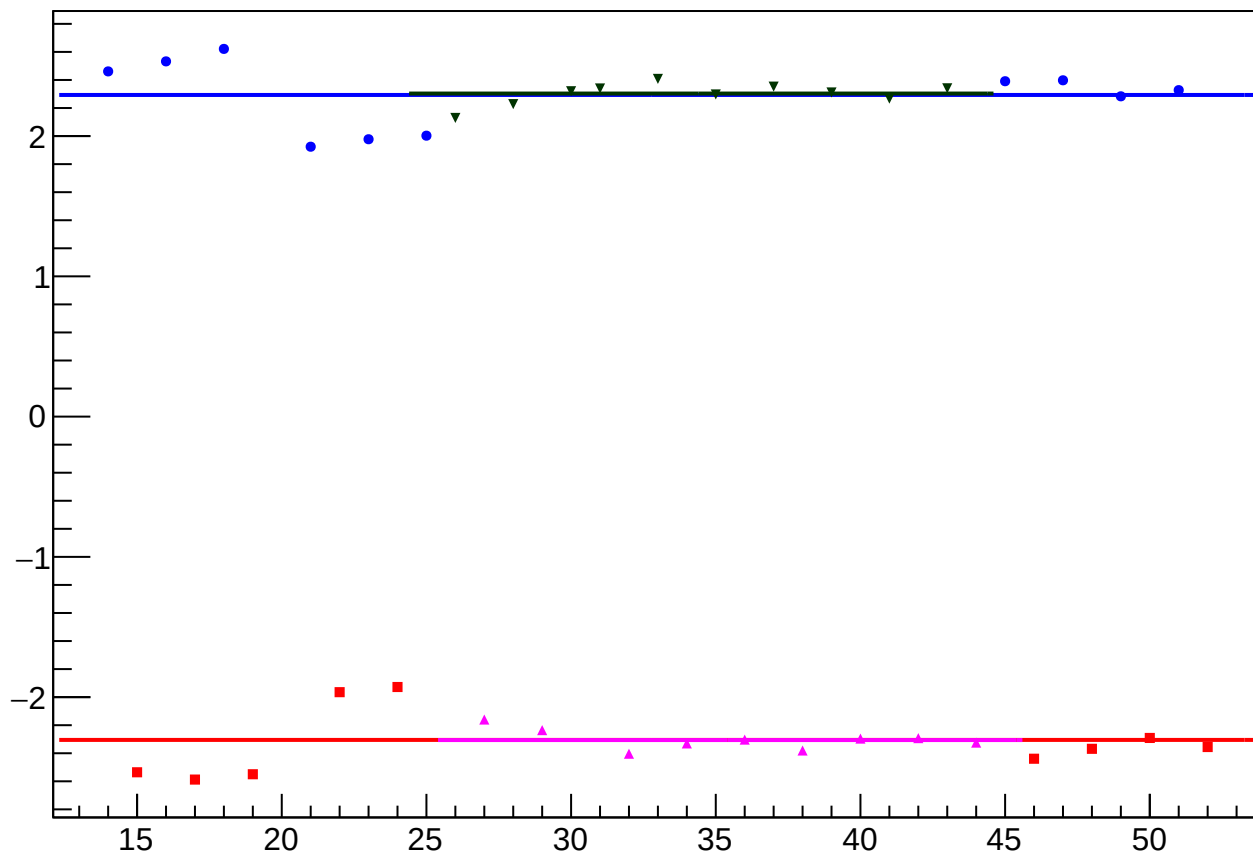
Left Out: 0.132 ± 0.009 χ^2/NDF : 144.7/9

0.040 ± 0.004 χ^2/NDF : 2538.9/37

Right Out: -0.162 ± 0.010 χ^2/NDF : 604.6/8

Left In: -0.054 ± 0.008 χ^2/NDF : 253.9/8

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.293 $\pm$ 0.002 χ^2 /NDF: 9876.7/9

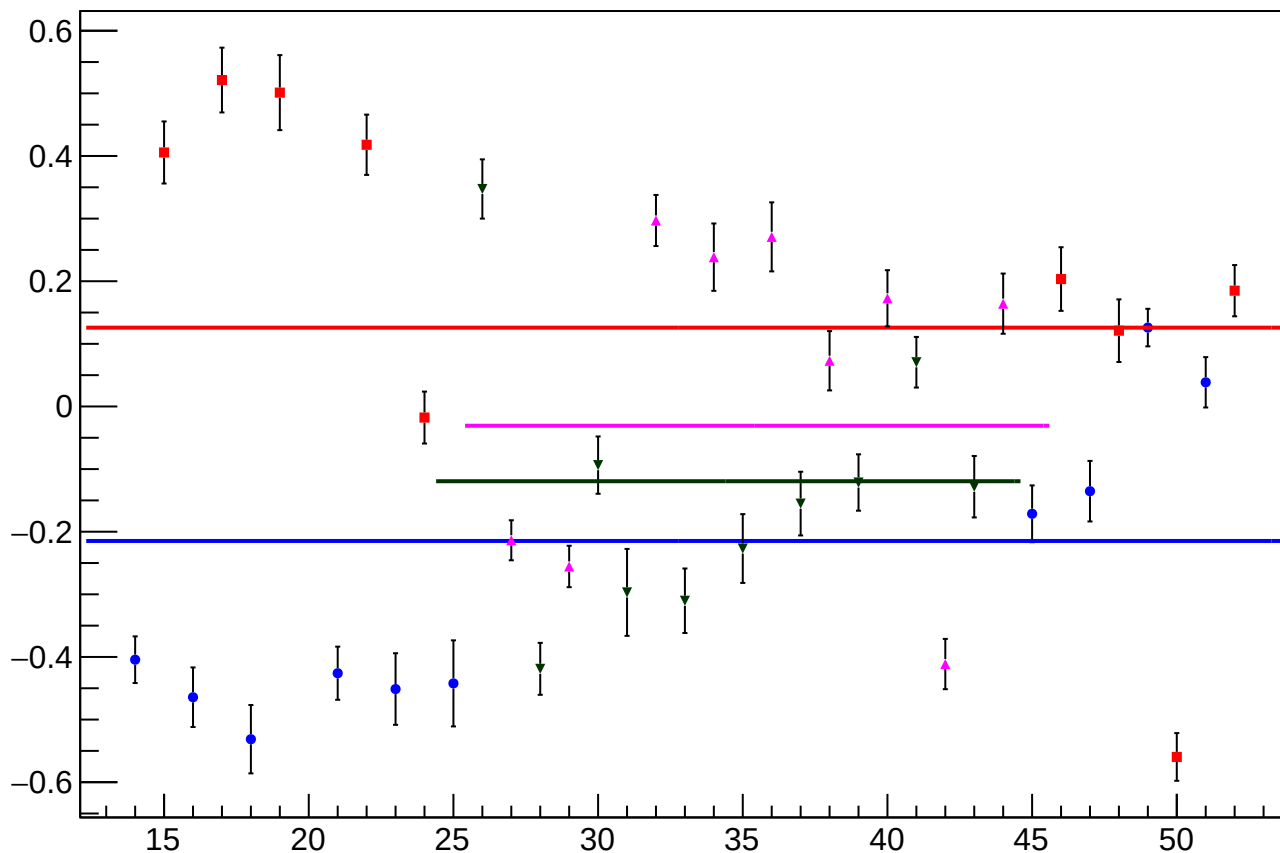
Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF: 1196.2/9

Right Out: -2.305 $\pm$ 0.002 χ^2 /NDF: 8760.7/8

Left In: -2.306 $\pm$ 0.002 χ^2 /NDF: 1460.0/8

0.102 $\pm$ 0.001 χ^2 /NDF: 4961241.8/37

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.215 ± 0.014 χ^2/NDF : 312.3/9

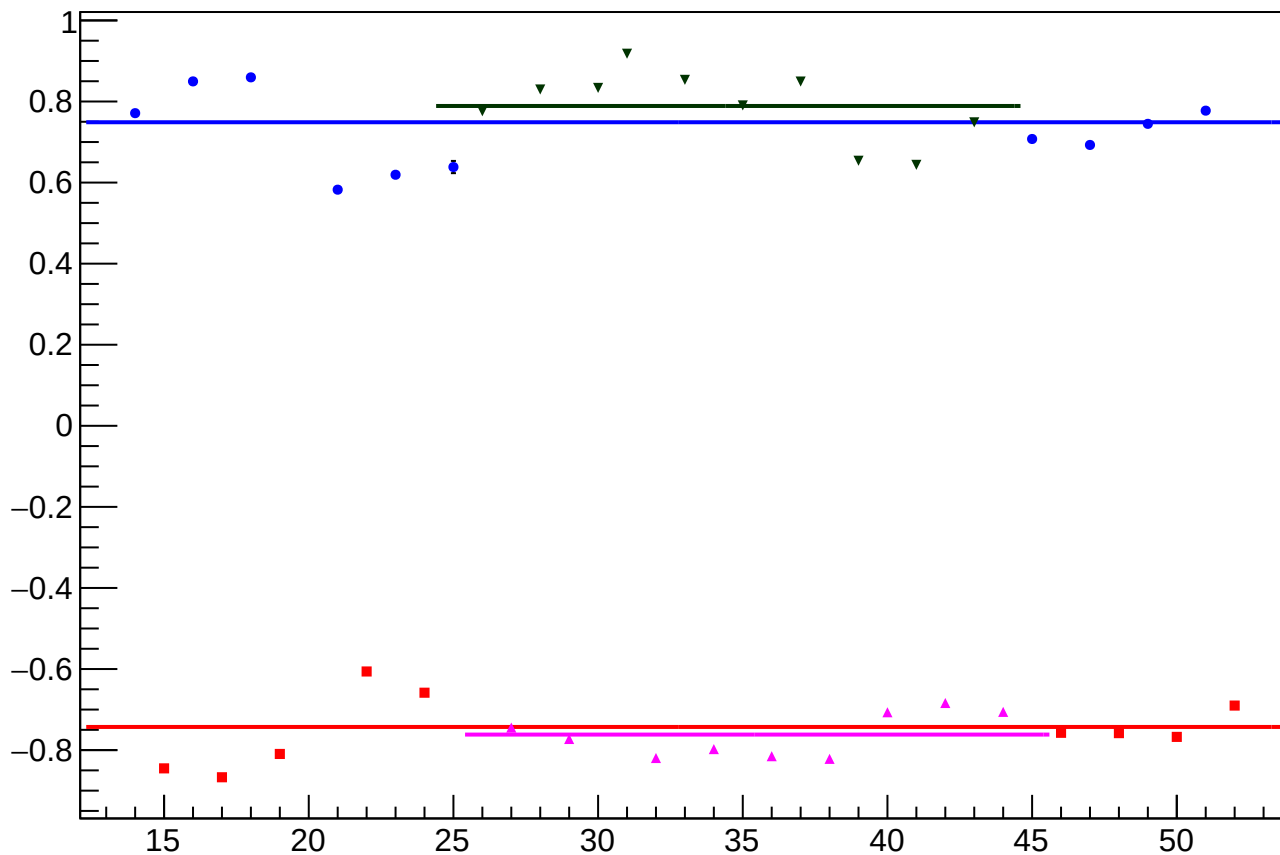
Left Out: -0.119 ± 0.015 χ^2/NDF : 196.5/9

Right Out: 0.126 ± 0.016 χ^2/NDF : 506.5/8

Left In: -0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.068 ± 0.007 χ^2/NDF : 1632.3/37

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.749 ± 0.003 χ^2/NDF : 1035.2/9

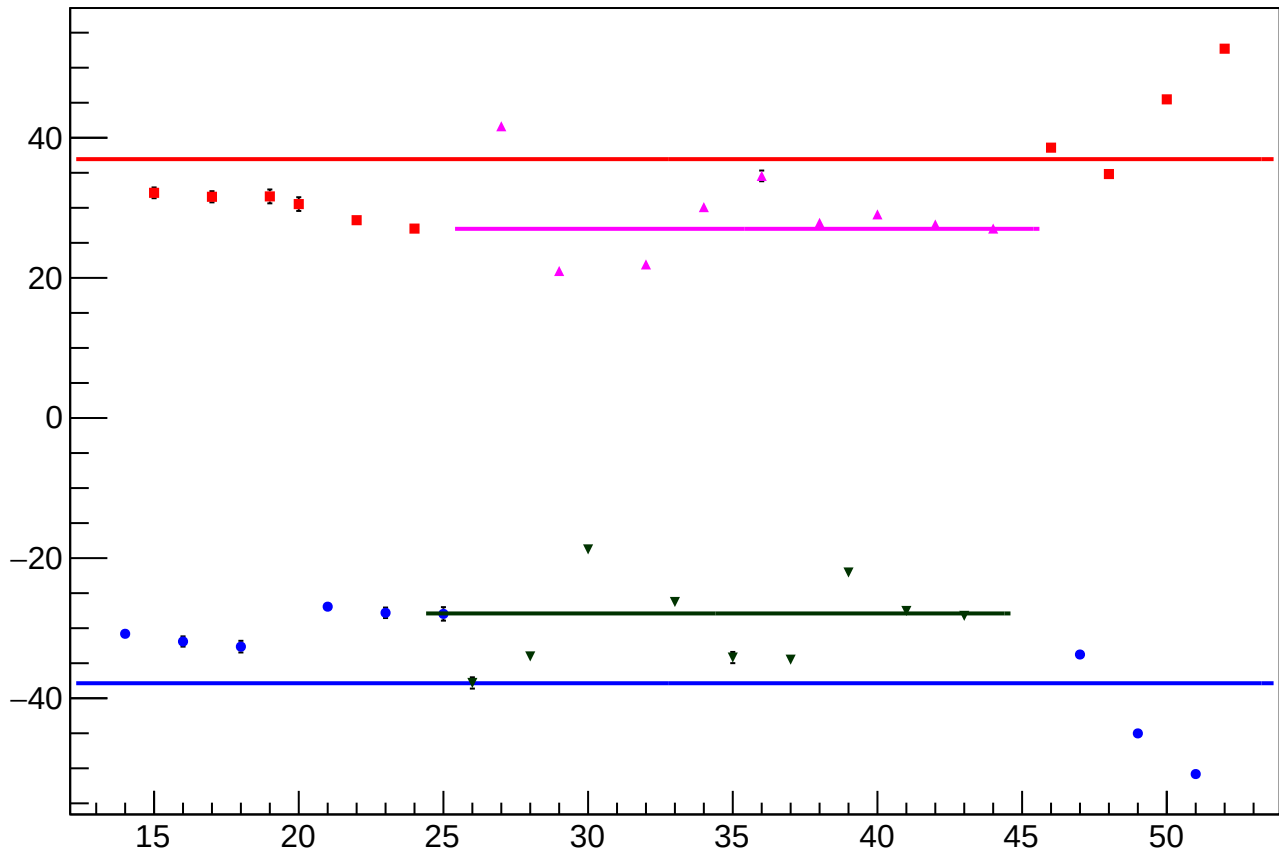
Left Out: 0.789 ± 0.003 χ^2/NDF : 762.0/9

Right Out: -0.743 ± 0.003 χ^2/NDF : 821.4/8

Left In: -0.762 ± 0.003 χ^2/NDF : 293.1/8

0.052 ± 0.001 χ^2/NDF : 310865.3/37

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -37.857+/-0.188 χ^2/NDF : 2001.1/8

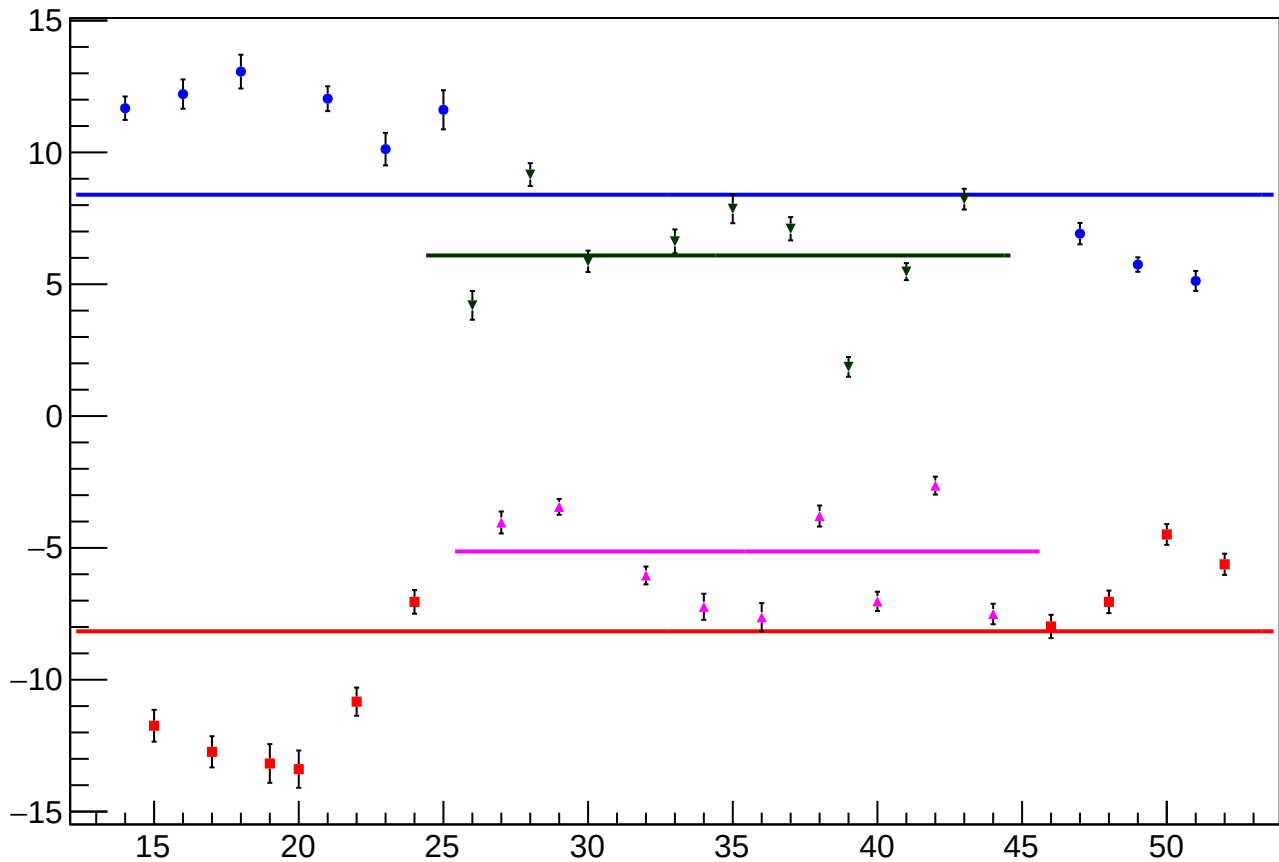
Left Out: -27.895+/-0.187 χ^2/NDF : 907.7/8

Right Out: 36.949+/-0.206 χ^2/NDF : 1643.1/9

Left In: 27.002+/-0.171 χ^2/NDF : 1007.7/8

-0.657+/-0.093 χ^2/NDF : 125606.4/36

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 8.395 ± 0.147 χ^2/NDF : 422.2/8

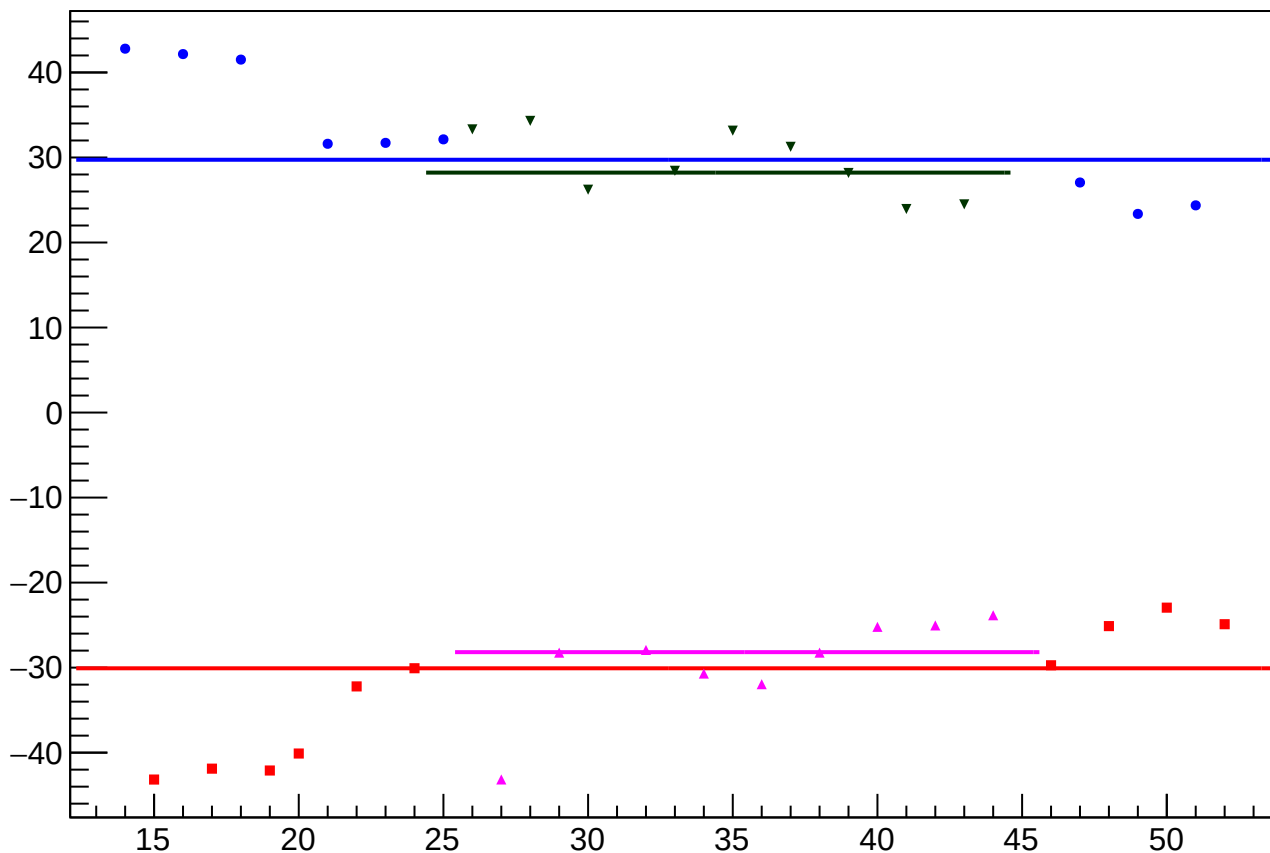
Left Out: 6.091 ± 0.140 χ^2/NDF : 240.2/8

Right Out: -8.163 ± 0.156 χ^2/NDF : 361.7/9

Left In: -5.135 ± 0.127 χ^2/NDF : 214.5/8

0.219 ± 0.071 χ^2/NDF : 10759.3/36

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 29.733+/-0.035 χ^2/NDF : 38840.1/8

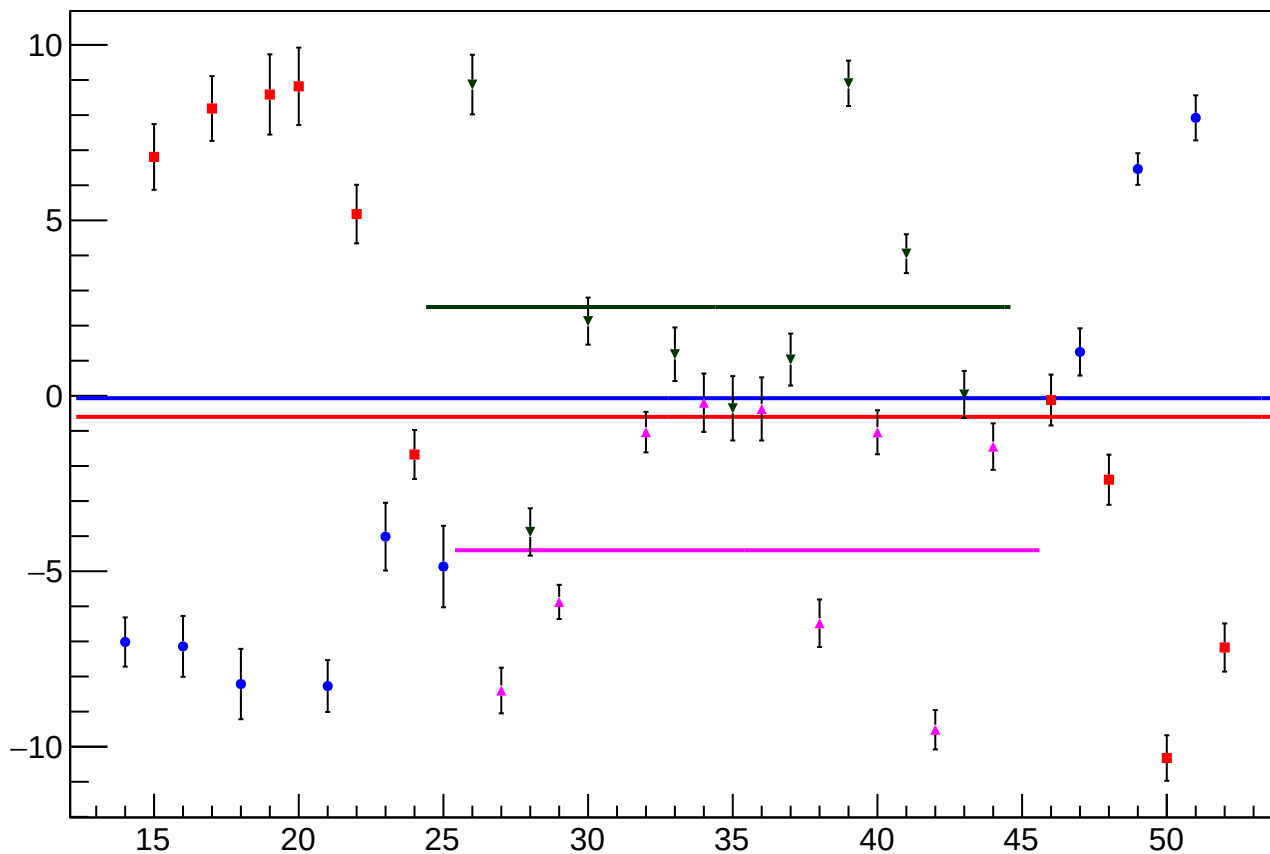
Left Out: 28.221+/-0.031 χ^2/NDF : 13048.6/8

-0.514+/-0.016 χ^2/NDF : 3226758.6/36

Right Out: -30.080+/-0.037 χ^2/NDF : 31346.8/9

Left In: -28.180+/-0.029 χ^2/NDF : 23006.0/8

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: -0.068 ± 0.239 χ^2/NDF : 756.4/8

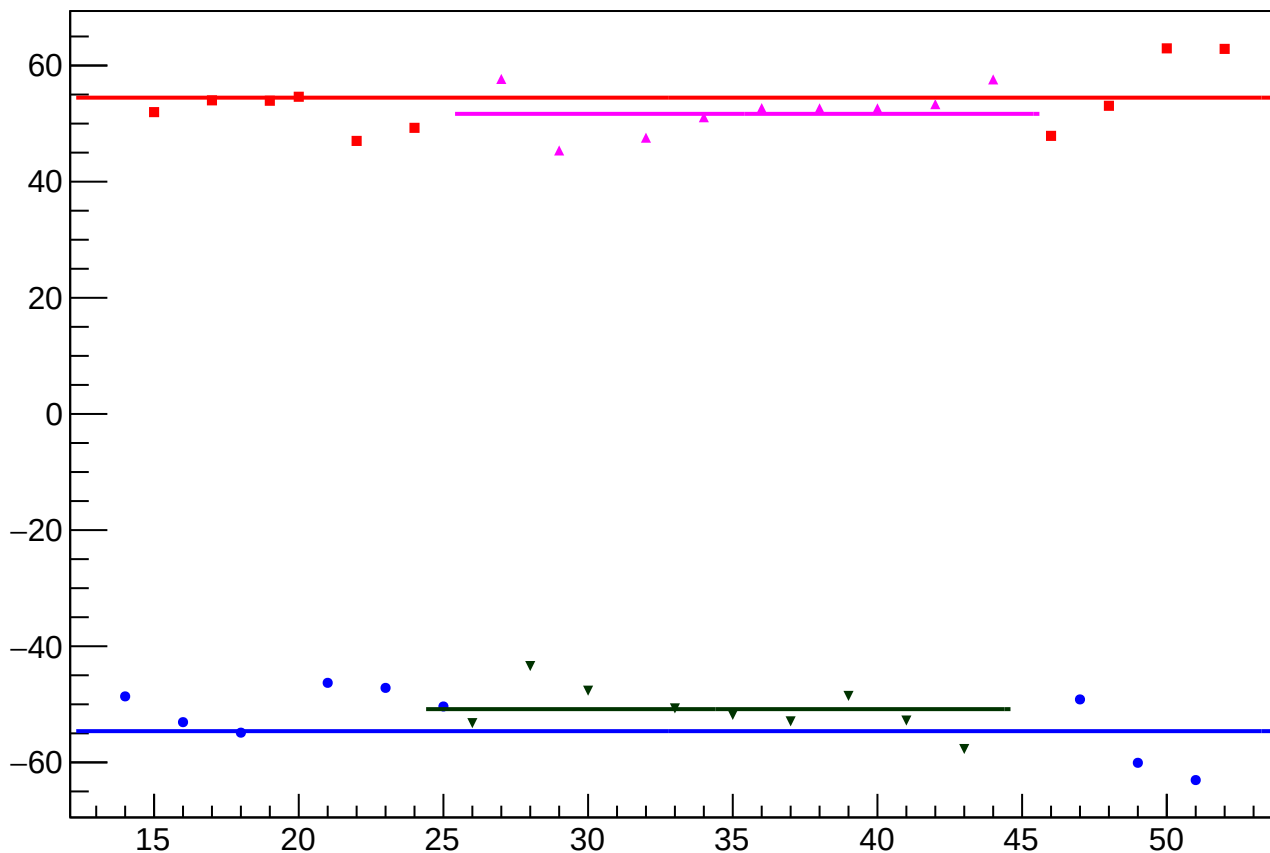
Left Out: 2.530 ± 0.233 χ^2/NDF : 282.1/8

-0.846 ± 0.116 χ^2/NDF : 2474.5/36

Right Out: -0.599 ± 0.252 χ^2/NDF : 663.8/9

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -54.619 $\pm$ 0.045 χ^2 /NDF: 16566.5/8

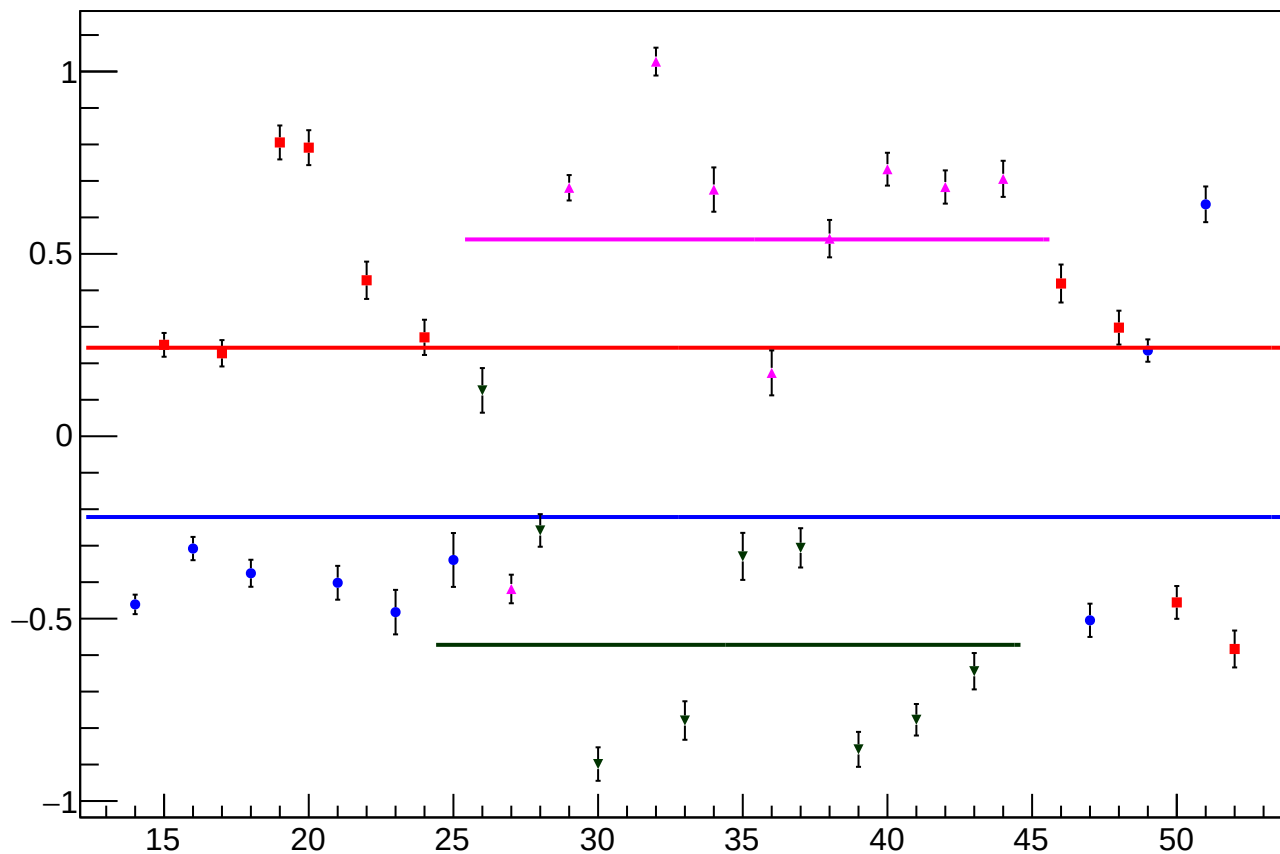
Left Out: -50.829 $\pm$ 0.043 χ^2 /NDF: 8463.4/8

Right Out: 54.466 $\pm$ 0.045 χ^2 /NDF: 17058.3/9

Left In: 51.678 $\pm$ 0.043 χ^2 /NDF: 8311.2/8

-0.352 $\pm$ 0.022 χ^2 /NDF: 5851528.4/36

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.221 ± 0.013 χ^2/NDF : 708.4/8

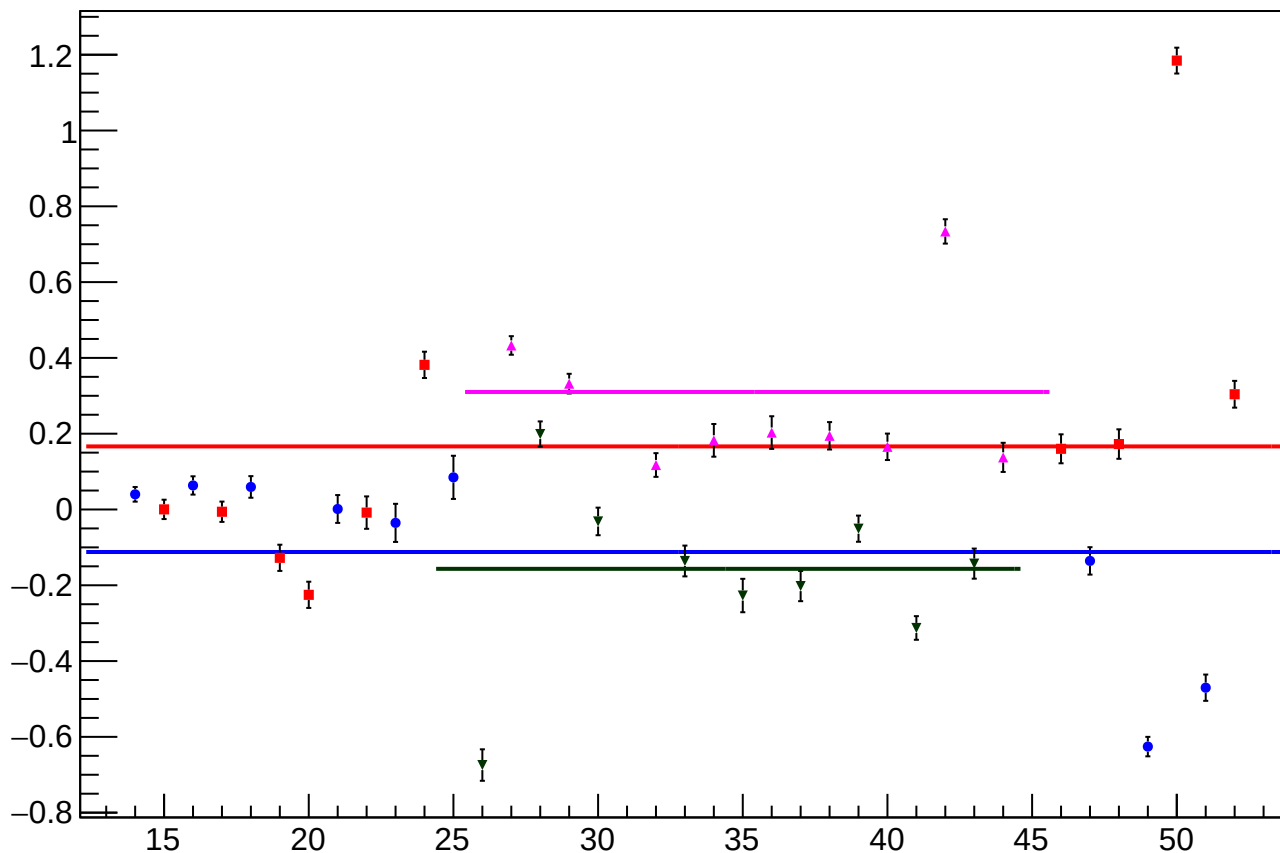
Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

Right Out: 0.243 ± 0.014 χ^2/NDF : 811.9/9

Left In: 0.540 ± 0.015 χ^2/NDF : 857.8/8

0.015 ± 0.007 χ^2/NDF : 5776.8/36

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.112 ± 0.010 χ^2/NDF : 681.6/8

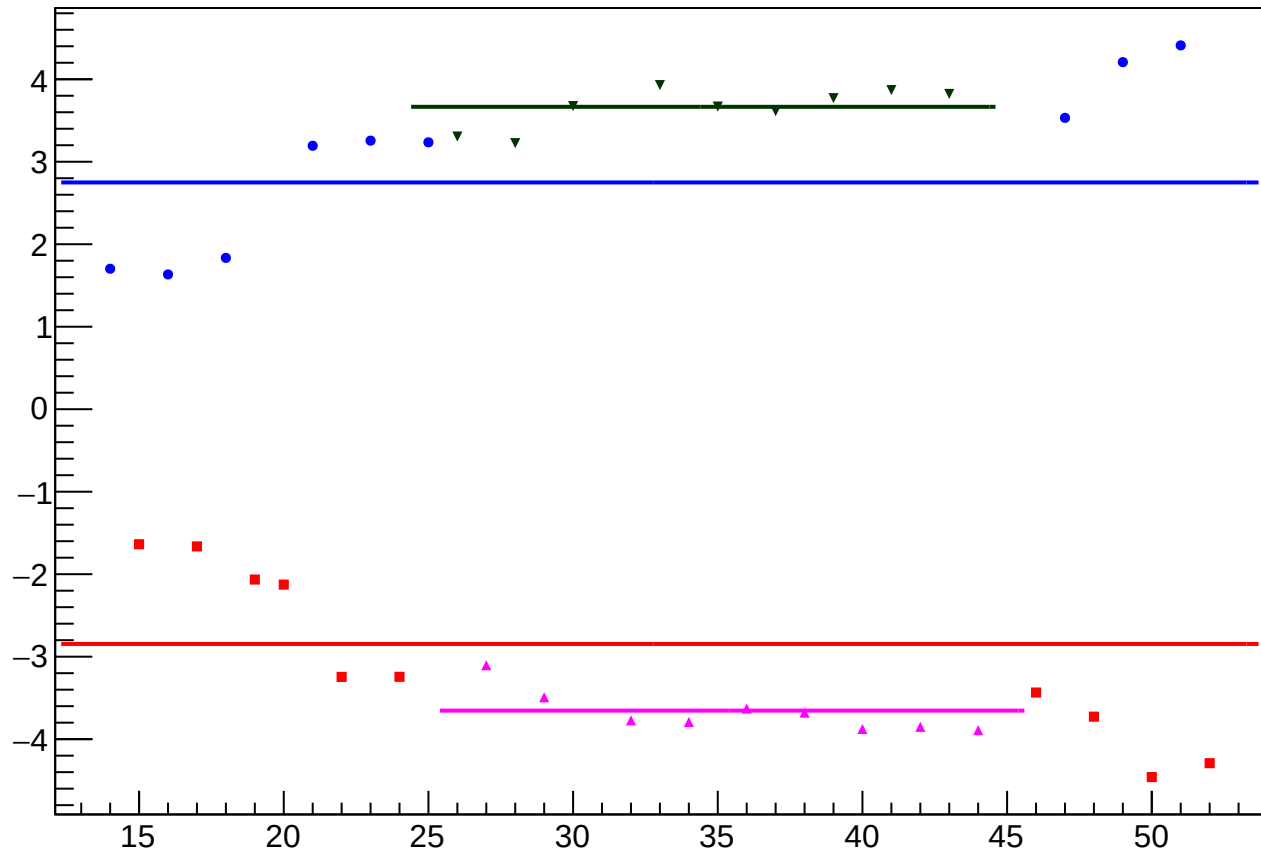
Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

Right Out: 0.166 ± 0.011 χ^2/NDF : 1245.1/9

Left In: 0.310 ± 0.011 χ^2/NDF : 300.2/8

0.058 ± 0.005 χ^2/NDF : 3784.3/36

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.749+/-0.002 χ^2/NDF : 195873.3/8

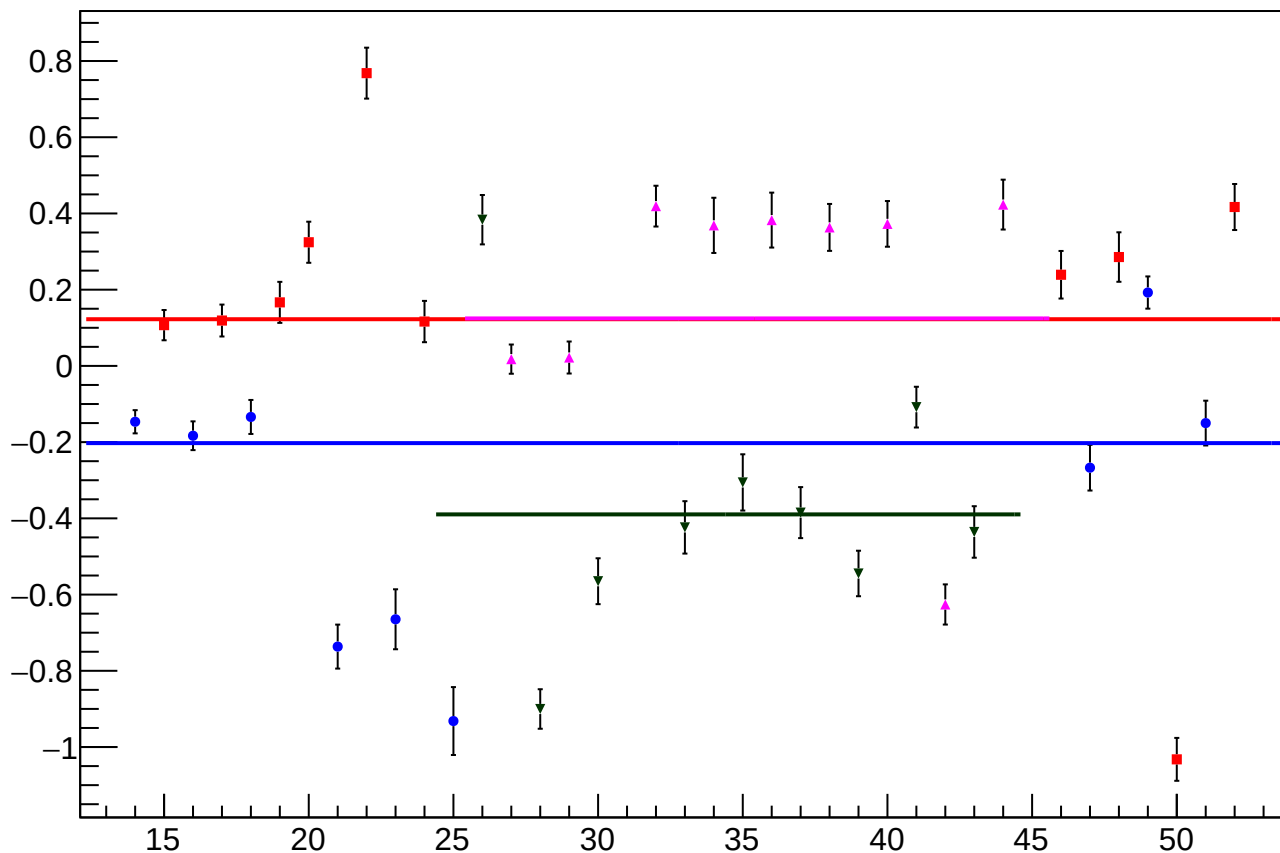
Left Out: 3.666+/-0.003 χ^2/NDF : 6812.1/8

-0.087+/-0.001 χ^2/NDF : 6577807.4/36

Right Out: -2.846+/-0.003 χ^2/NDF : 161529.0/9

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 χ^2/NDF : 282.4/8

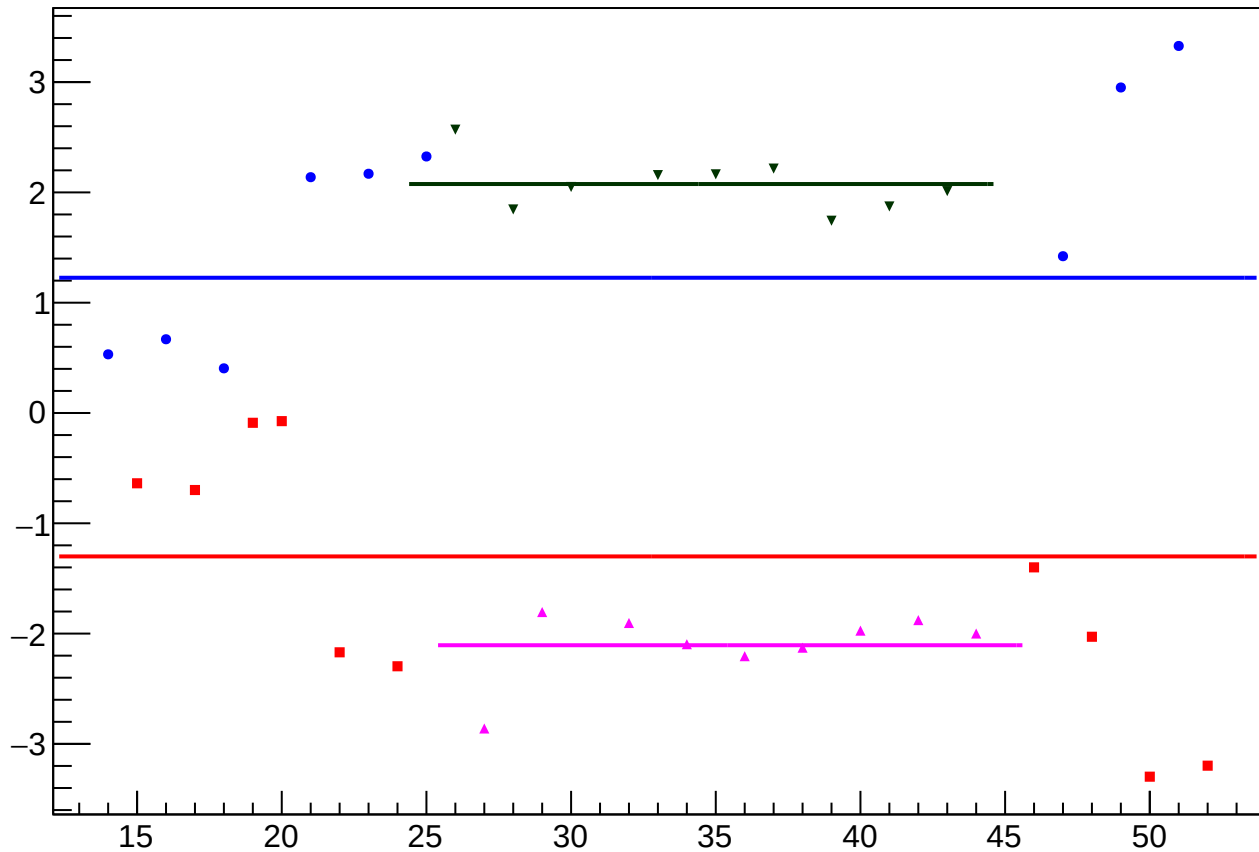
Left Out: -0.390 ± 0.021 χ^2/NDF : 284.3/8

Right Out: 0.123 ± 0.017 χ^2/NDF : 563.0/9

Left In: 0.125 ± 0.018 χ^2/NDF : 323.9/8

-0.070 ± 0.009 χ^2/NDF : 2013.6/36

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.226 $\pm$ 0.003 χ^2 /NDF: 133200.3/8

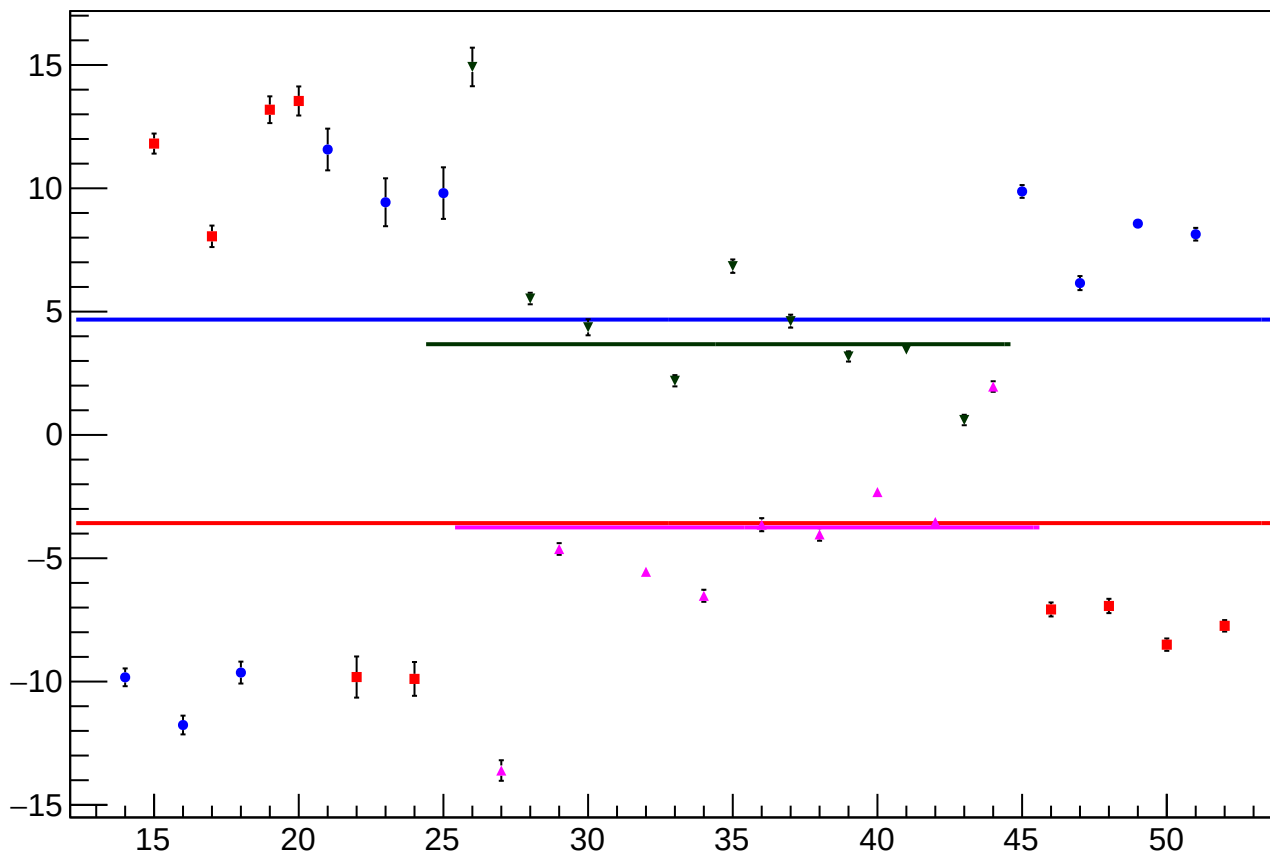
Left Out: 2.076 $\pm$ 0.004 χ^2 /NDF: 4099.9/8

0.006 $\pm$ 0.002 χ^2 /NDF: 1304032.5/36

Right Out: -1.300 $\pm$ 0.003 χ^2 /NDF: 147627.7/9

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

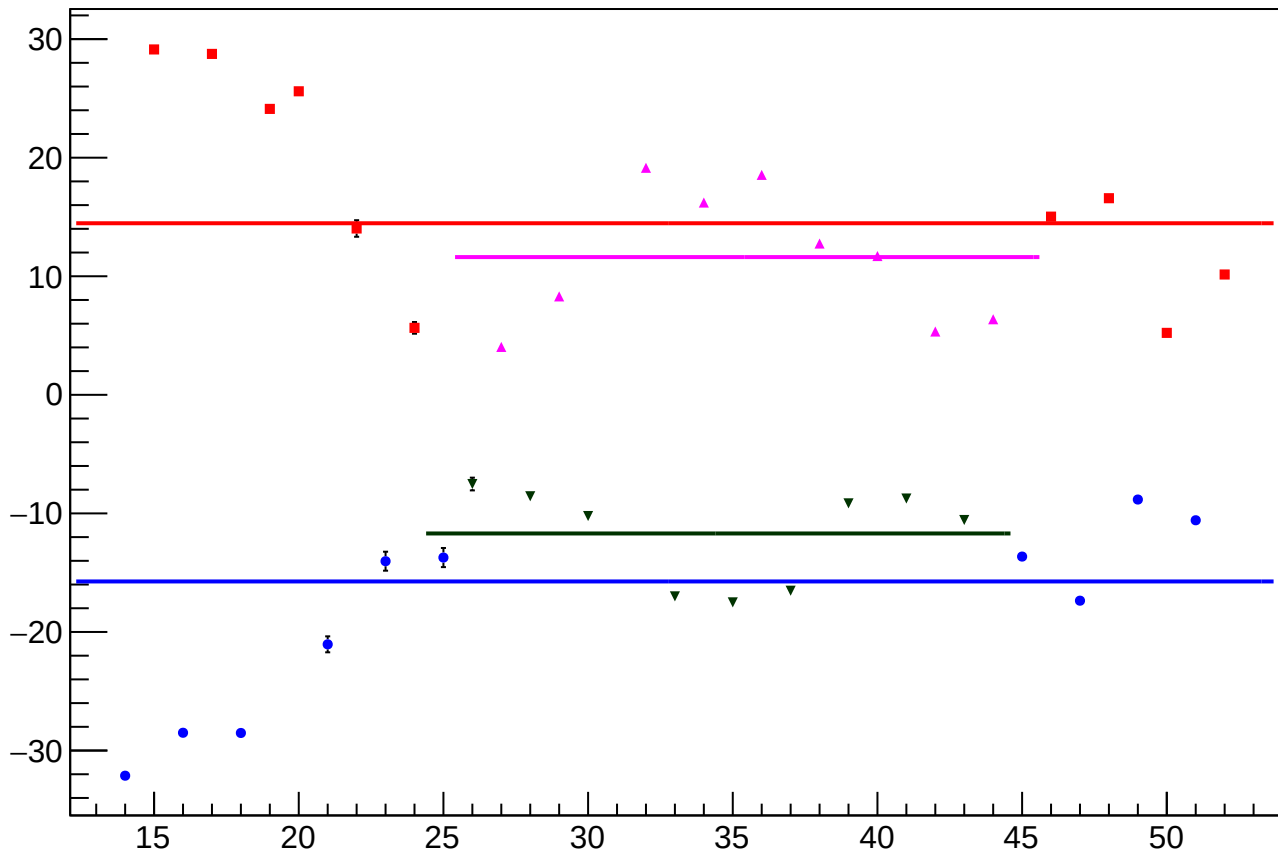
Left Out: 3.679 $\pm$ 0.081 χ^2 /NDF: 680.5/8

0.193 $\pm$ 0.045 χ^2 /NDF: 20713.3/37

Right Out: -3.575 $\pm$ 0.112 χ^2 /NDF: 5075.8/9

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 $\pm$ 0.078 χ^2 /NDF: 10581.0/9

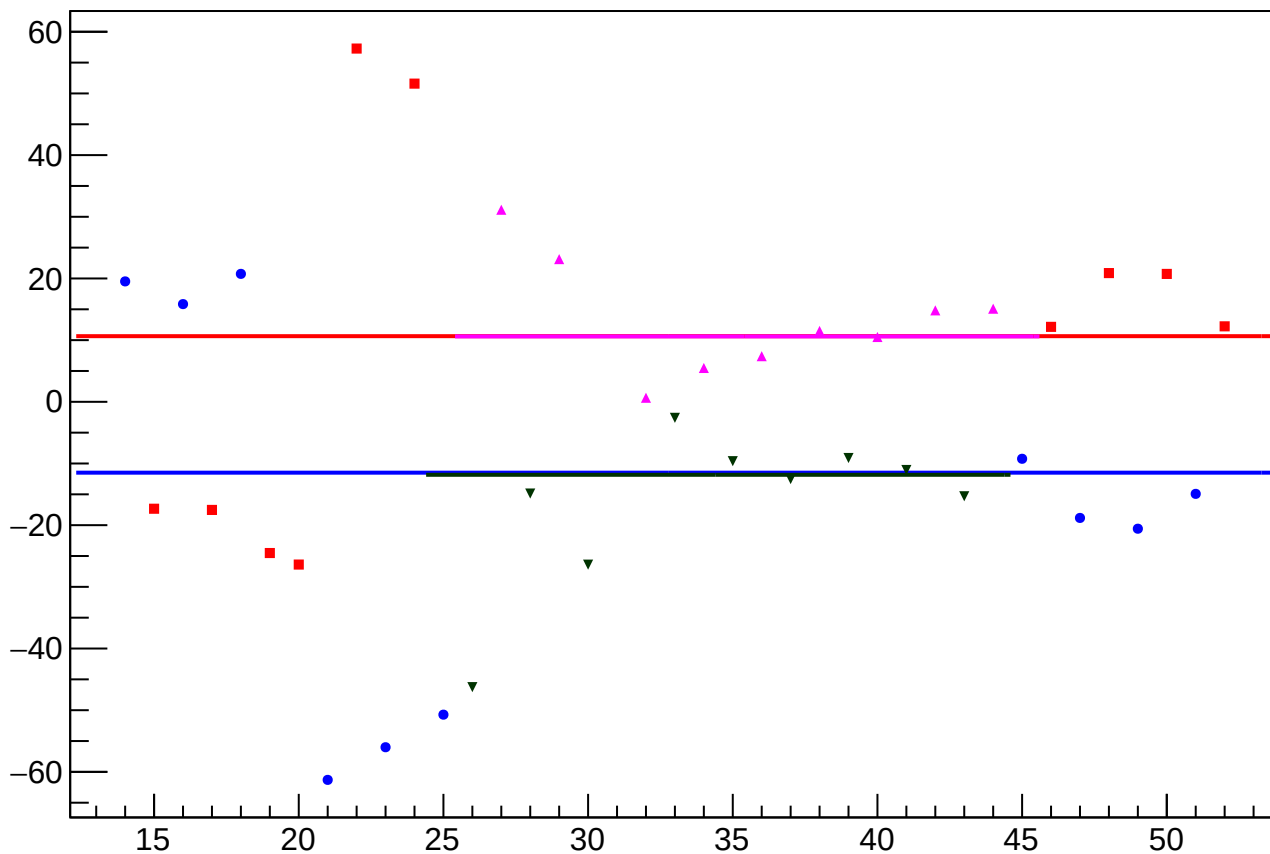
Left Out: -11.693 $\pm$ 0.060 χ^2 /NDF: 3755.5/8

Right Out: 14.471 $\pm$ 0.084 χ^2 /NDF: 8762.8/9

Left In: 11.617 $\pm$ 0.057 χ^2 /NDF: 8593.0/8

-0.192 $\pm$ 0.033 χ^2 /NDF: 182552.7/37

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -11.487 $\pm$ 0.019 χ^2 /NDF: 795050.9/9

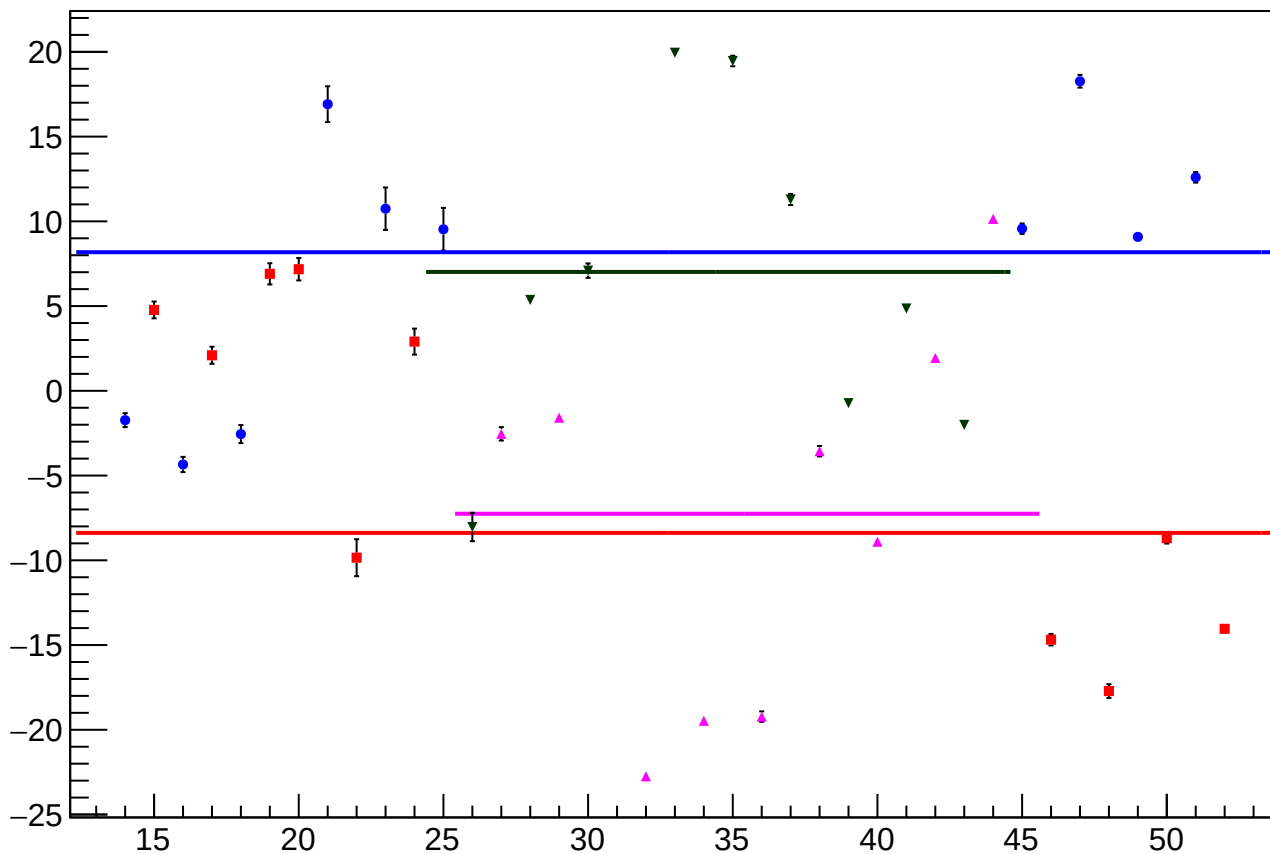
Left Out: -11.832 $\pm$ 0.014 χ^2 /NDF: 233309.0/8

Right Out: 10.644 $\pm$ 0.020 χ^2 /NDF: 735566.0/9

Left In: 10.602 $\pm$ 0.013 χ^2 /NDF: 320496.8/8

-0.442 $\pm$ 0.008 χ^2 /NDF: 4197144.2/37

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 8.179 $\pm$ 0.127 χ^2/NDF : 2794.2/9

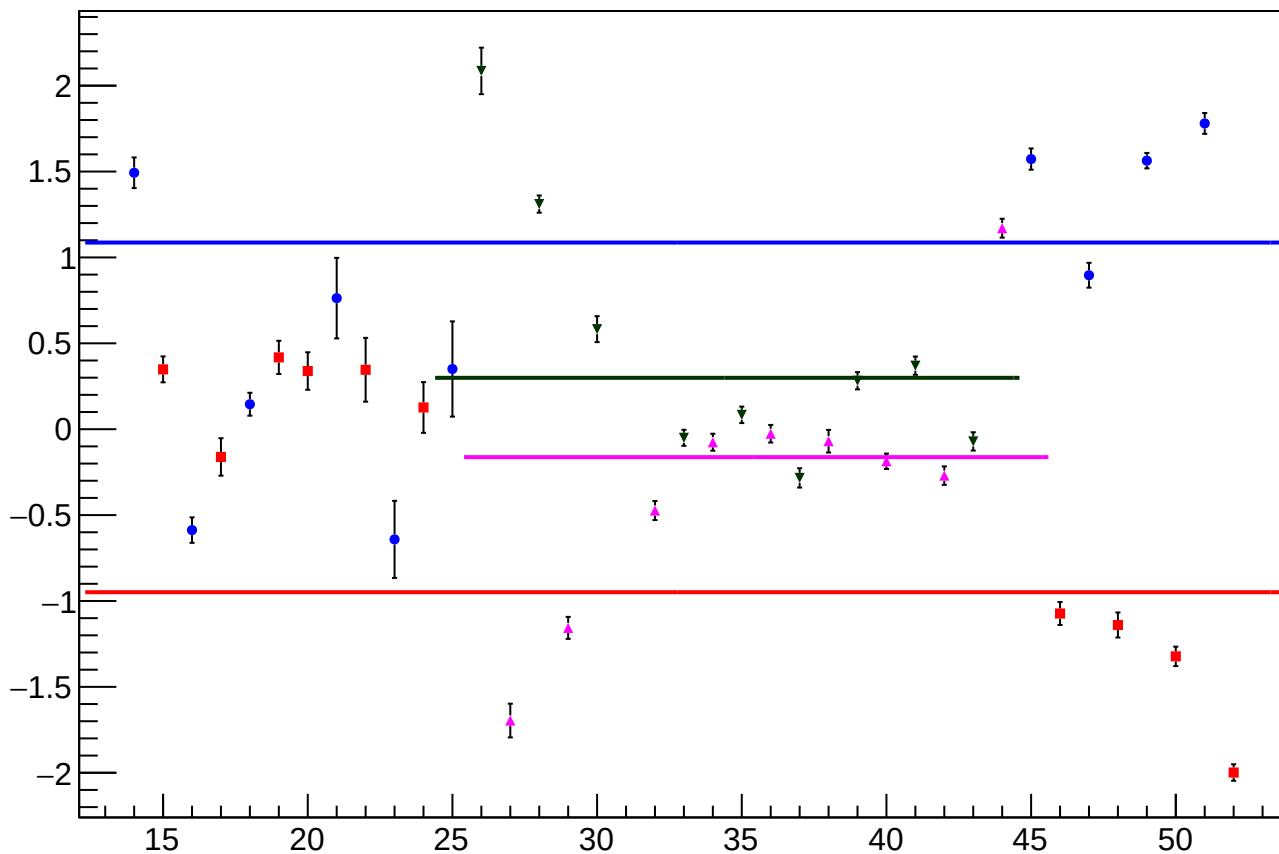
Left Out: 7.015 $\pm$ 0.101 χ^2/NDF : 6009.5/8

Right Out: -8.382 $\pm$ 0.137 χ^2/NDF : 3788.0/9

Left In: -7.253 $\pm$ 0.095 χ^2/NDF : 12650.2/8

-0.170 $\pm$ 0.055 χ^2/NDF : 43805.6/37

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 1.087 ± 0.024 $\chi^2/\text{NDF}: 1107.9/9$

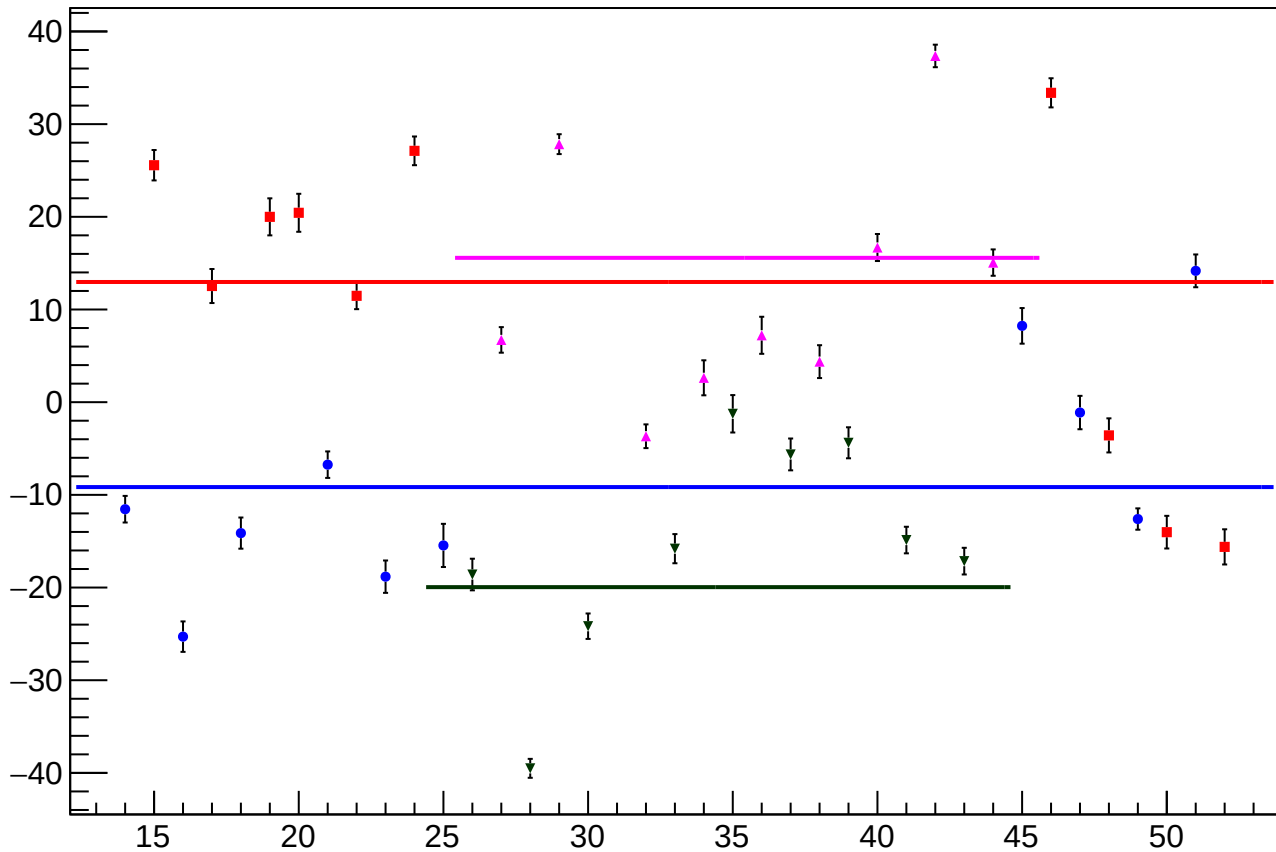
Left Out: 0.299 ± 0.018 $\chi^2/\text{NDF}: 829.4/8$

0.083 ± 0.010 $\chi^2/\text{NDF}: 8298.9/37$

Right Out: -0.949 ± 0.024 $\chi^2/\text{NDF}: 1320.3/9$

Left In: -0.163 ± 0.019 $\chi^2/\text{NDF}: 1123.4/8$

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -9.160+/-0.509 χ^2/NDF : 433.7/9

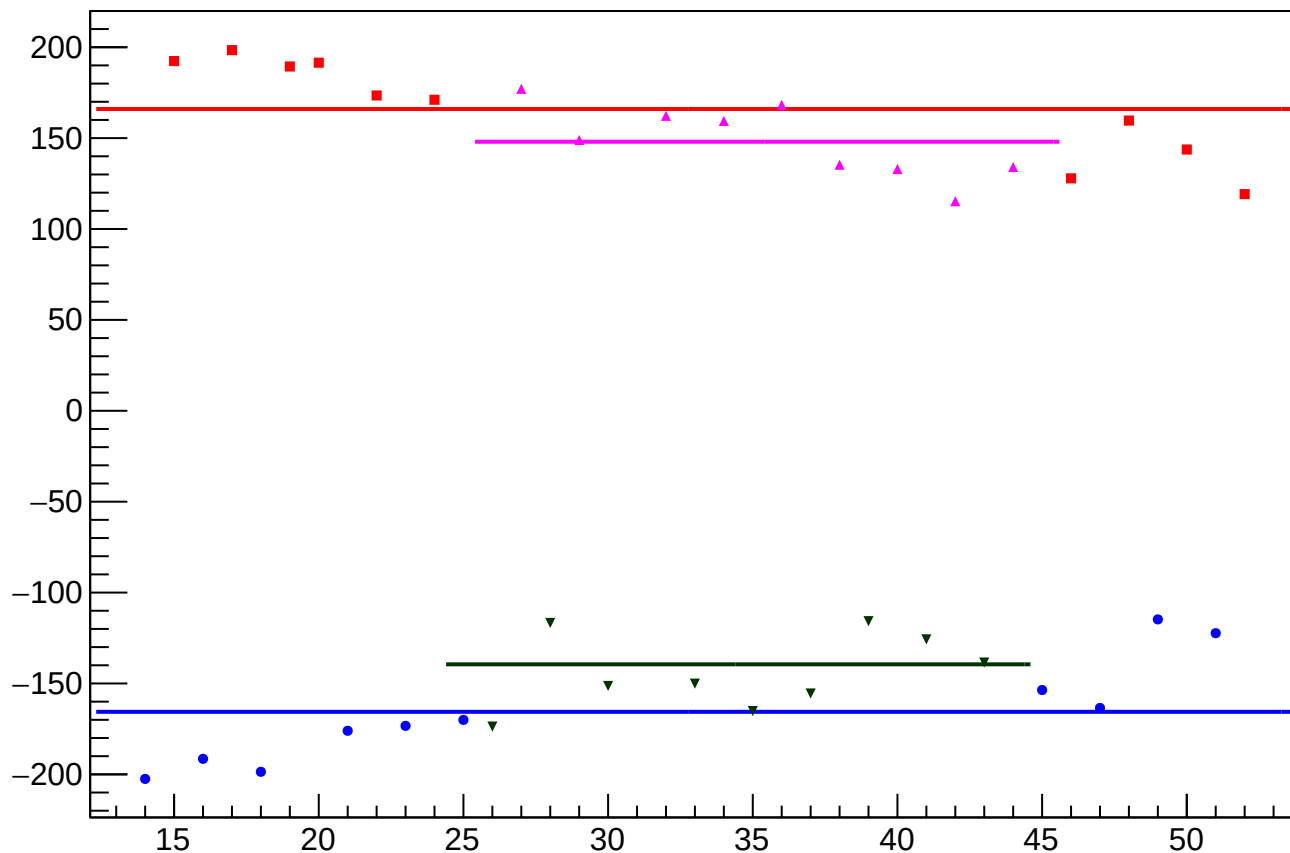
Left Out: -19.957+/-0.491 χ^2/NDF : 641.8/8

-0.292+/-0.251 χ^2/NDF : 6409.9/37

Right Out: 12.969+/-0.546 χ^2/NDF : 880.3/9

Left In: 15.574+/-0.472 χ^2/NDF : 824.1/8

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -165.588+/-0.398 χ^2/NDF : 6196.5/9

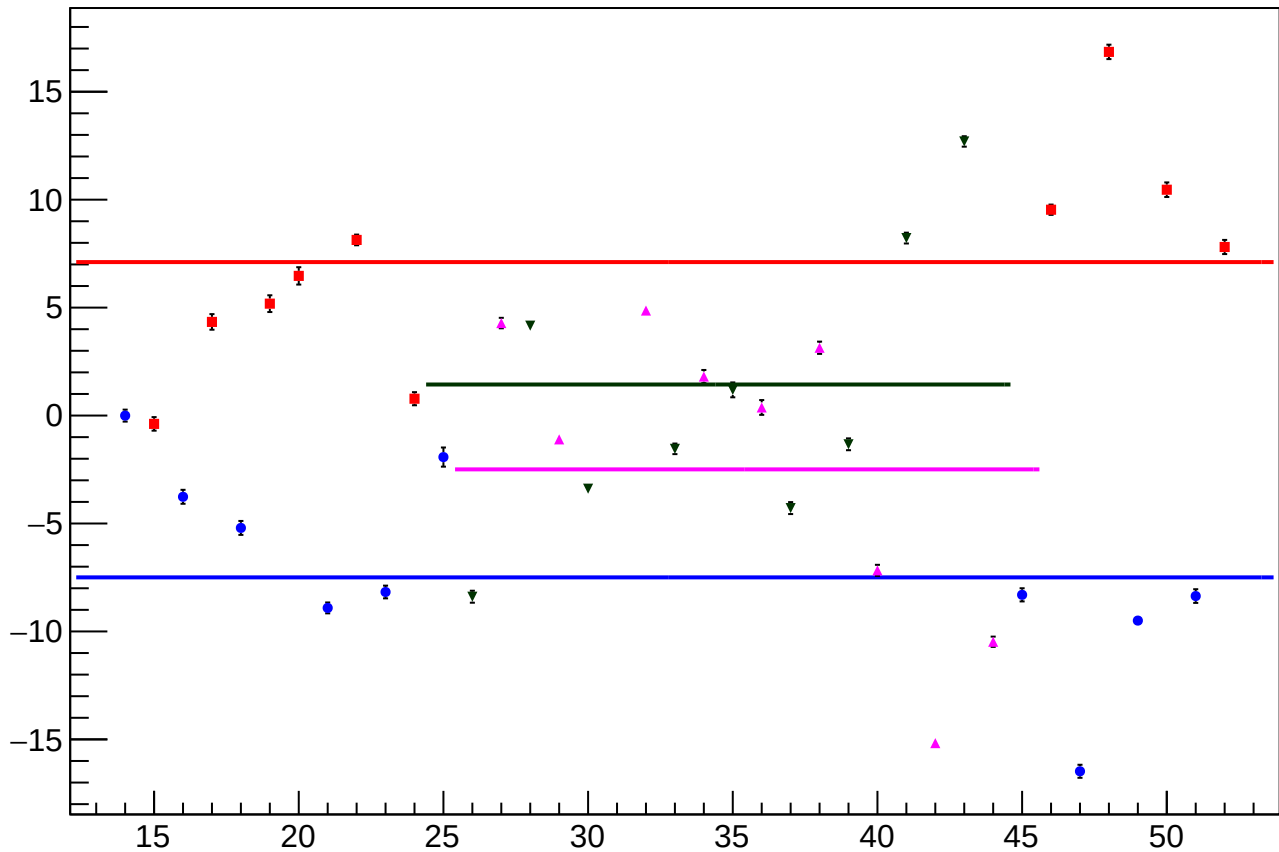
Left Out: -139.468+/-0.373 χ^2/NDF : 2867.0/8

Right Out: 166.028+/-0.418 χ^2/NDF : 4016.9/9

Left In: 148.012+/-0.348 χ^2/NDF : 3260.5/8

4.295+/-0.191 χ^2/NDF : 667741.4/37

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -7.496 ± 0.093 $\chi^2/\text{NDF}: 2082.4/9$

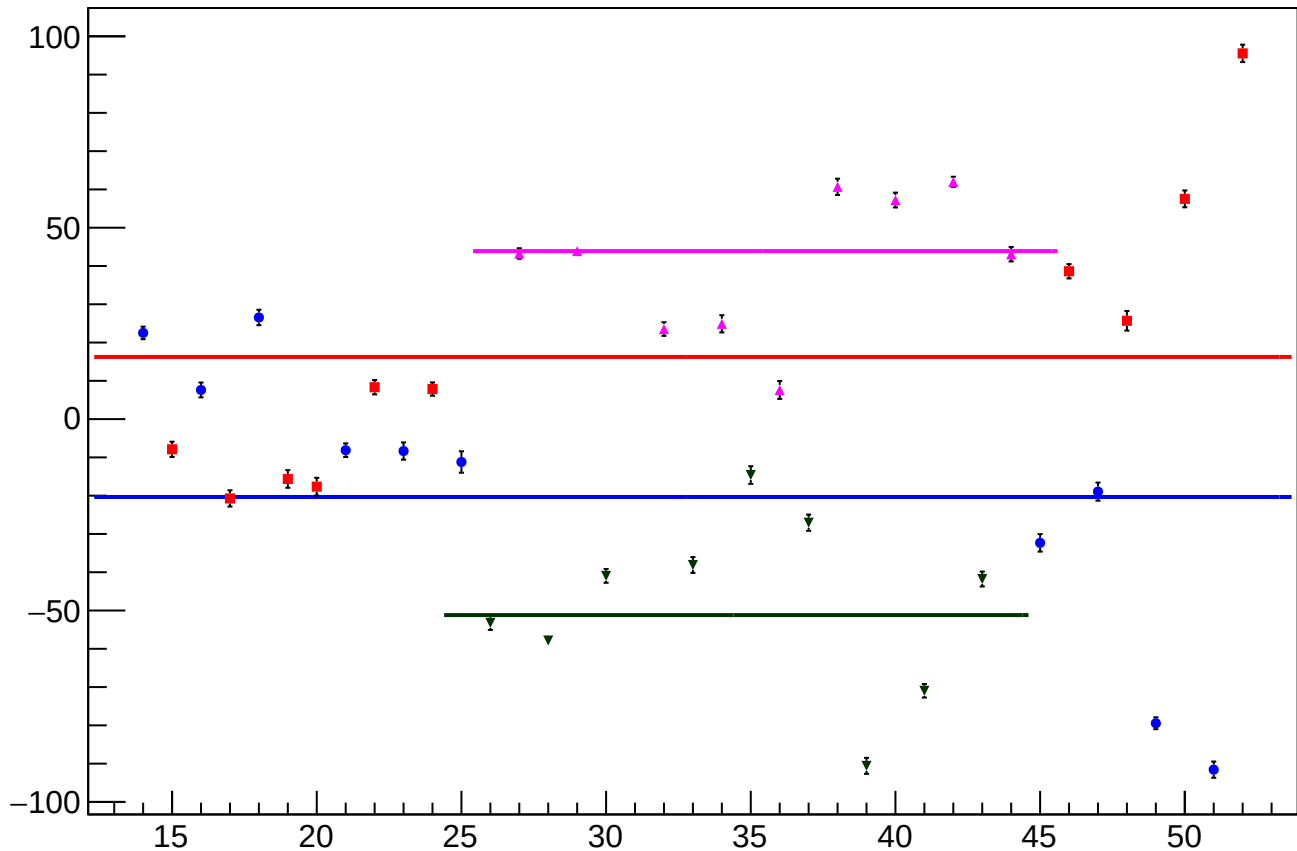
Left Out: 1.438 ± 0.083 $\chi^2/\text{NDF}: 5473.4/8$

Right Out: 7.109 ± 0.099 $\chi^2/\text{NDF}: 2163.0/9$

Left In: -2.493 ± 0.081 $\chi^2/\text{NDF}: 7773.3/8$

-0.587 ± 0.044 $\chi^2/\text{NDF}: 30186.8/37$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -20.341 ± 0.629 $\chi^2/\text{NDF}: 4110.4/9$

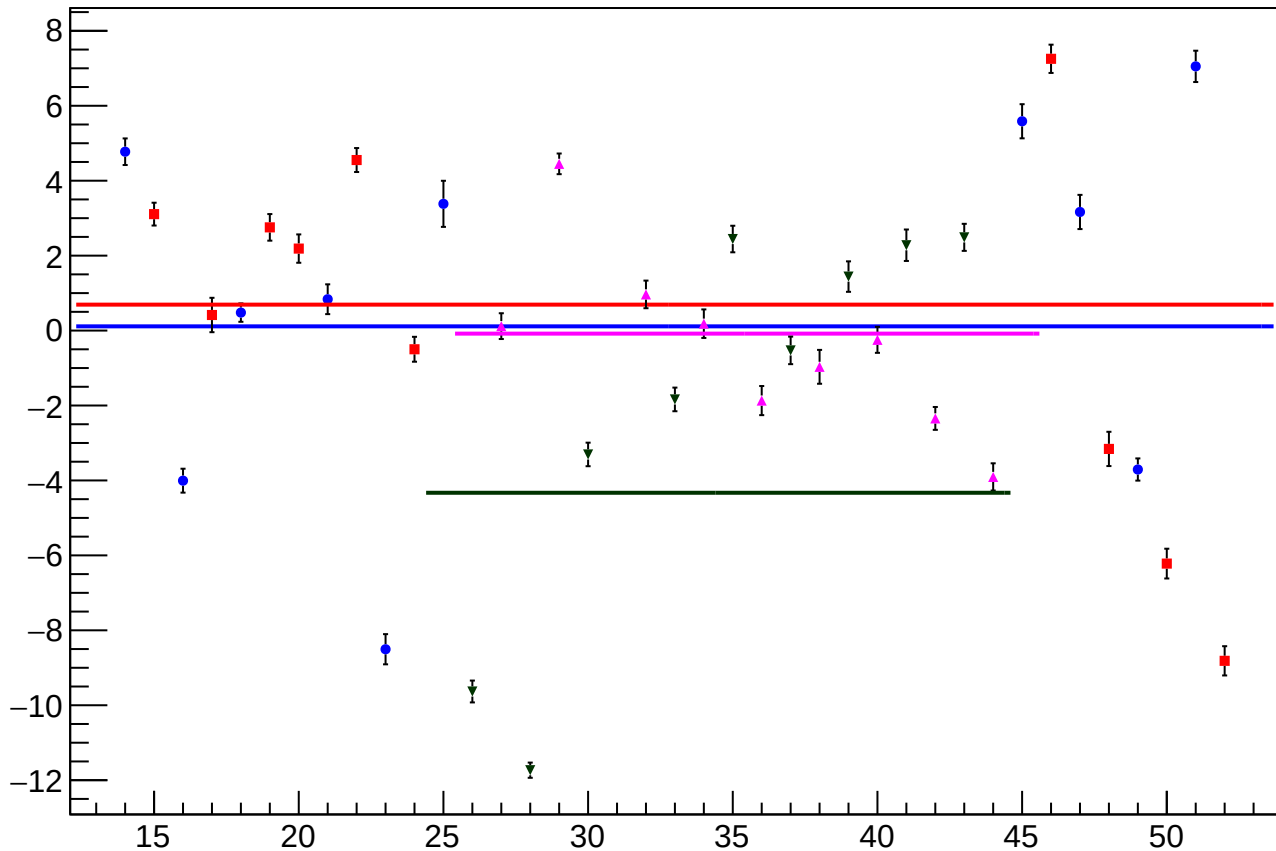
Left Out: -51.194 ± 0.598 $\chi^2/\text{NDF}: 988.3/8$

Right Out: 16.245 ± 0.659 $\chi^2/\text{NDF}: 2623.2/9$

Left In: 43.896 ± 0.560 $\chi^2/\text{NDF}: 735.5/8$

-1.585 ± 0.304 $\chi^2/\text{NDF}: 23559.6/37$

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 0.113+/-0.115 χ^2/NDF : 1461.0/9

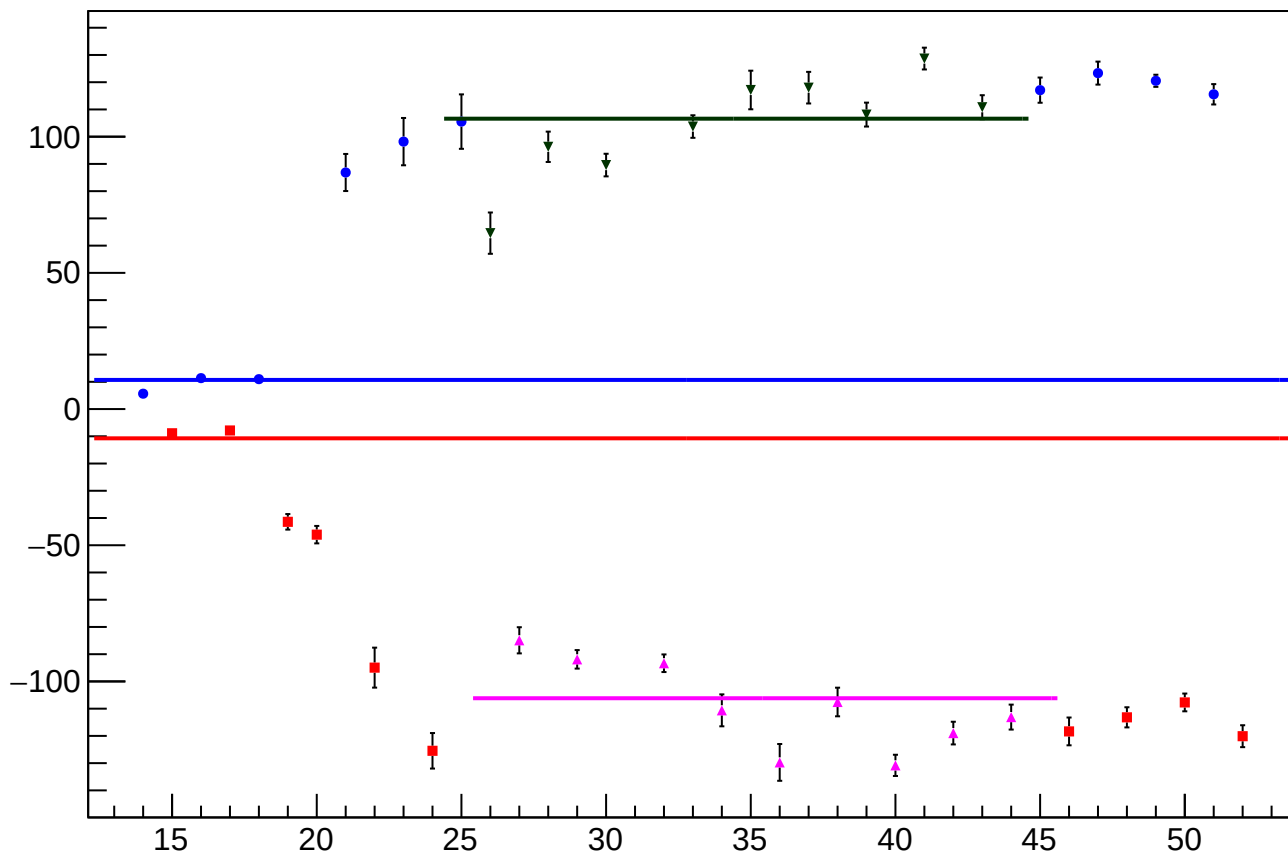
Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

Right Out: 0.692+/-0.116 χ^2/NDF : 1540.3/9

Left In: -0.081+/-0.116 χ^2/NDF : 470.0/8

-1.079+/-0.056 χ^2/NDF : 7860.1/37

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 10.695 ± 0.215 $\chi^2/\text{NDF}: 5041.5/9$

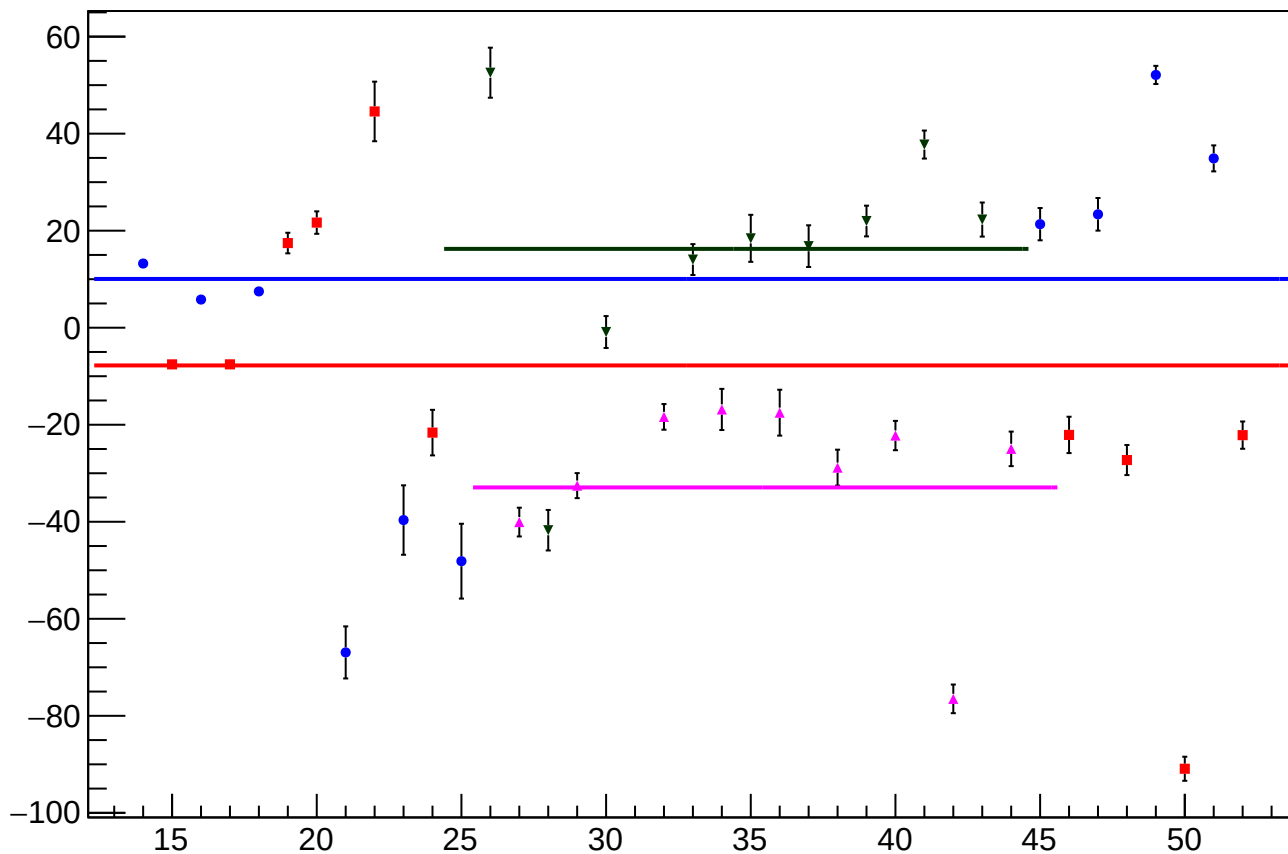
Left Out: 106.609 ± 1.619 $\chi^2/\text{NDF}: 89.0/8$

Right Out: -10.746 ± 0.238 $\chi^2/\text{NDF}: 3607.4/9$

Left In: -106.172 ± 1.438 $\chi^2/\text{NDF}: 117.6/8$

0.769 ± 0.158 $\chi^2/\text{NDF}: 23138.9/37$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 10.050 ± 0.160 χ^2/NDF : 1422.0/9

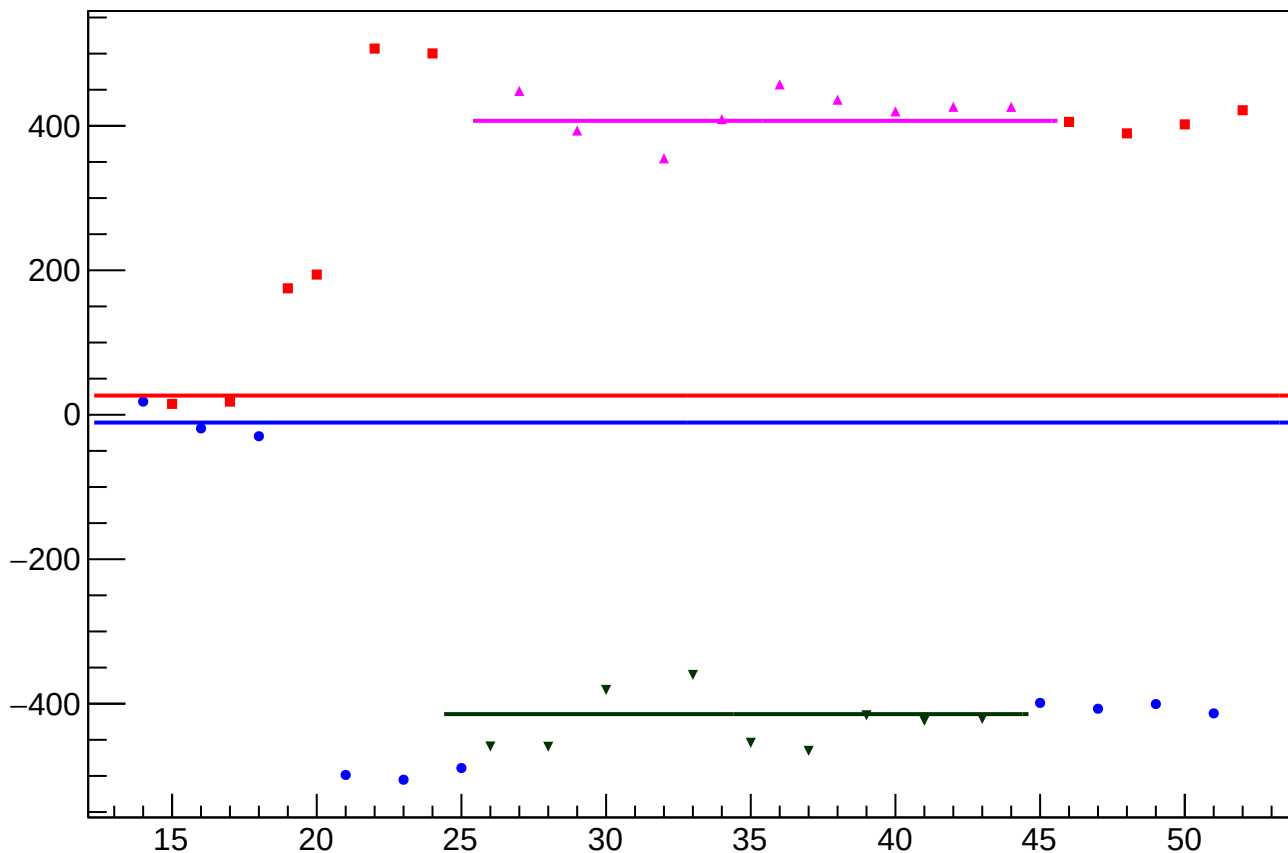
Left Out: 16.249 ± 1.210 χ^2/NDF : 332.0/8

Right Out: -7.776 ± 0.182 χ^2/NDF : 1588.5/9

Left In: -32.924 ± 1.064 χ^2/NDF : 297.8/8

1.982 ± 0.119 χ^2/NDF : 10277.9/37

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -10.778 ± 0.042 $\chi^2/\text{NDF}: 2278188.8/9$

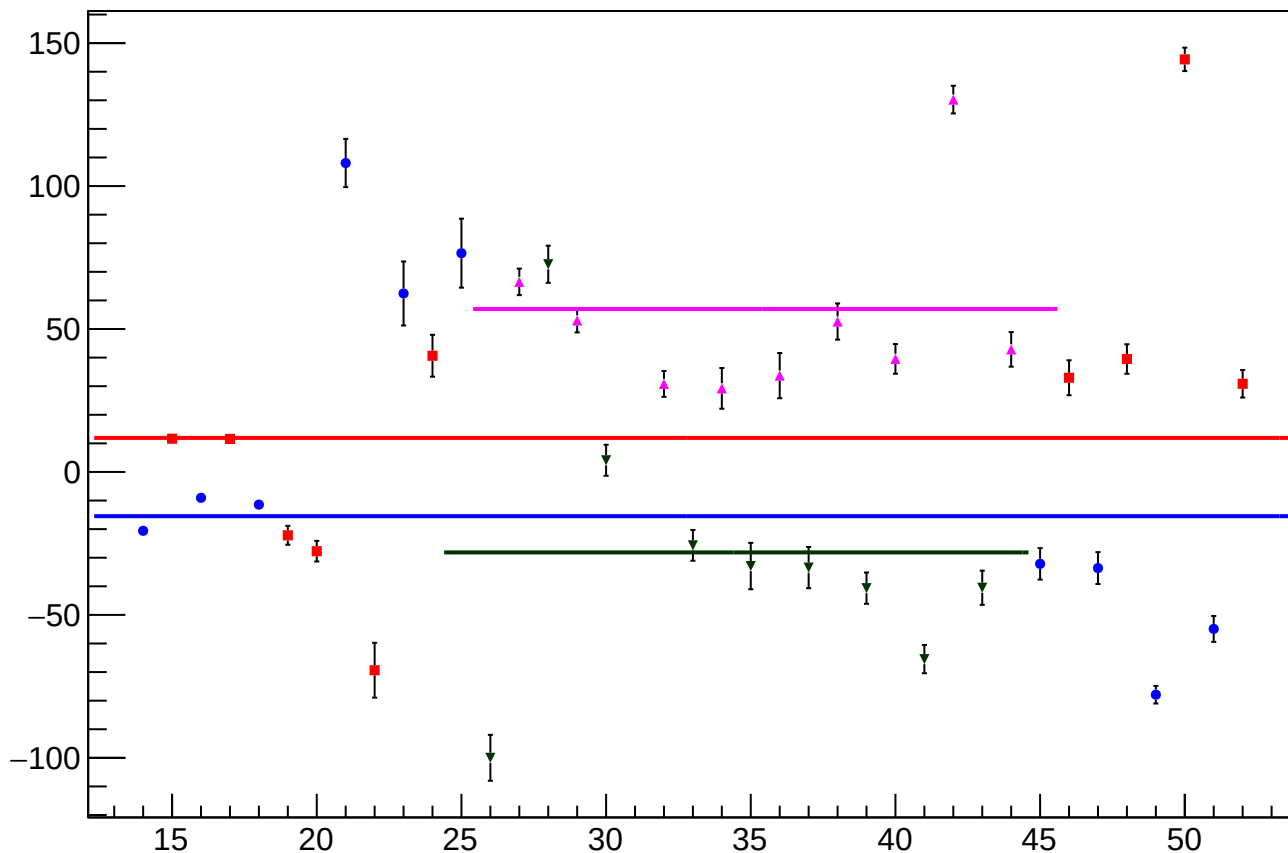
Left Out: -414.439 ± 0.270 $\chi^2/\text{NDF}: 17107.4/8$

6.959 ± 0.030 $\chi^2/\text{NDF}: 9447159.3/37$

Right Out: 26.595 ± 0.046 $\chi^2/\text{NDF}: 1690625.0/9$

Left In: 406.947 ± 0.246 $\chi^2/\text{NDF}: 18132.7/8$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.465 ± 0.251 $\chi^2/\text{NDF}: 1312.4/9$

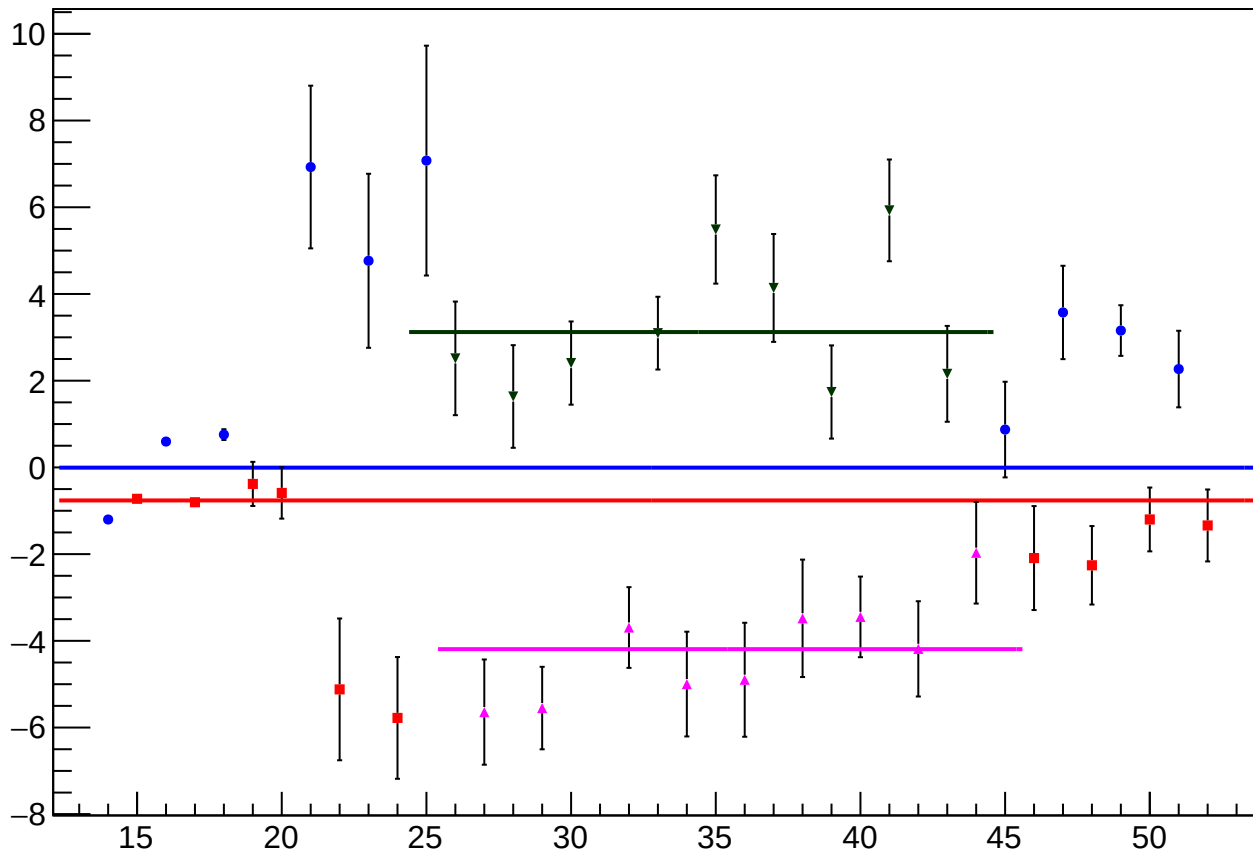
Left Out: -28.145 ± 2.024 $\chi^2/\text{NDF}: 423.8/8$

Right Out: 11.914 ± 0.284 $\chi^2/\text{NDF}: 1417.6/9$

Left In: 56.997 ± 1.767 $\chi^2/\text{NDF}: 308.5/8$

-3.000 ± 0.186 $\chi^2/\text{NDF}: 9998.5/37$

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.006 ± 0.047 $\chi^2/\text{NDF}: 431.9/9$

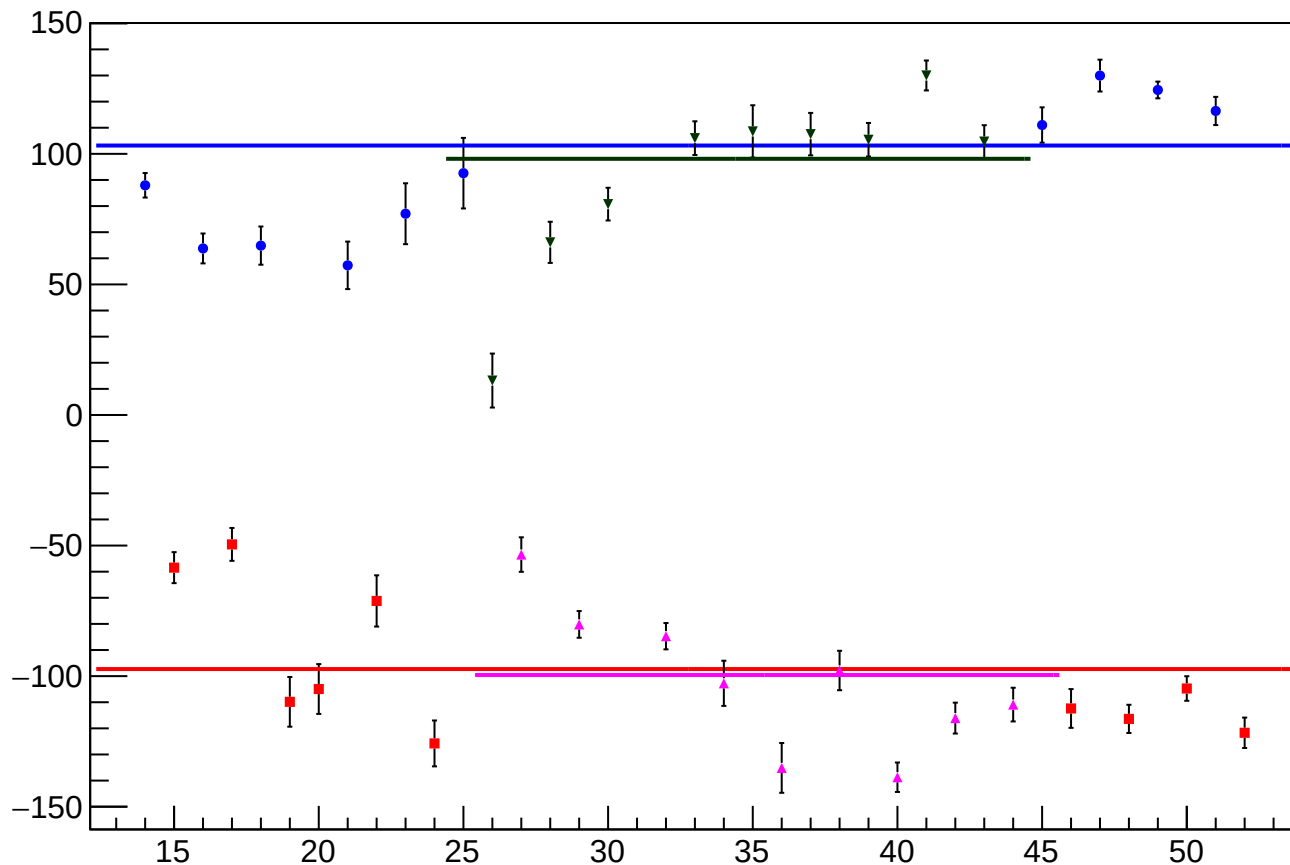
Left Out: 3.122 ± 0.365 $\chi^2/\text{NDF}: 14.7/8$

Right Out: -0.762 ± 0.049 $\chi^2/\text{NDF}: 25.9/9$

Left In: -4.192 ± 0.366 $\chi^2/\text{NDF}: 9.0/8$

-0.369 ± 0.033 $\chi^2/\text{NDF}: 807.1/37$

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 103.186 $\pm$ 1.826 χ^2 /NDF: 187.3/9

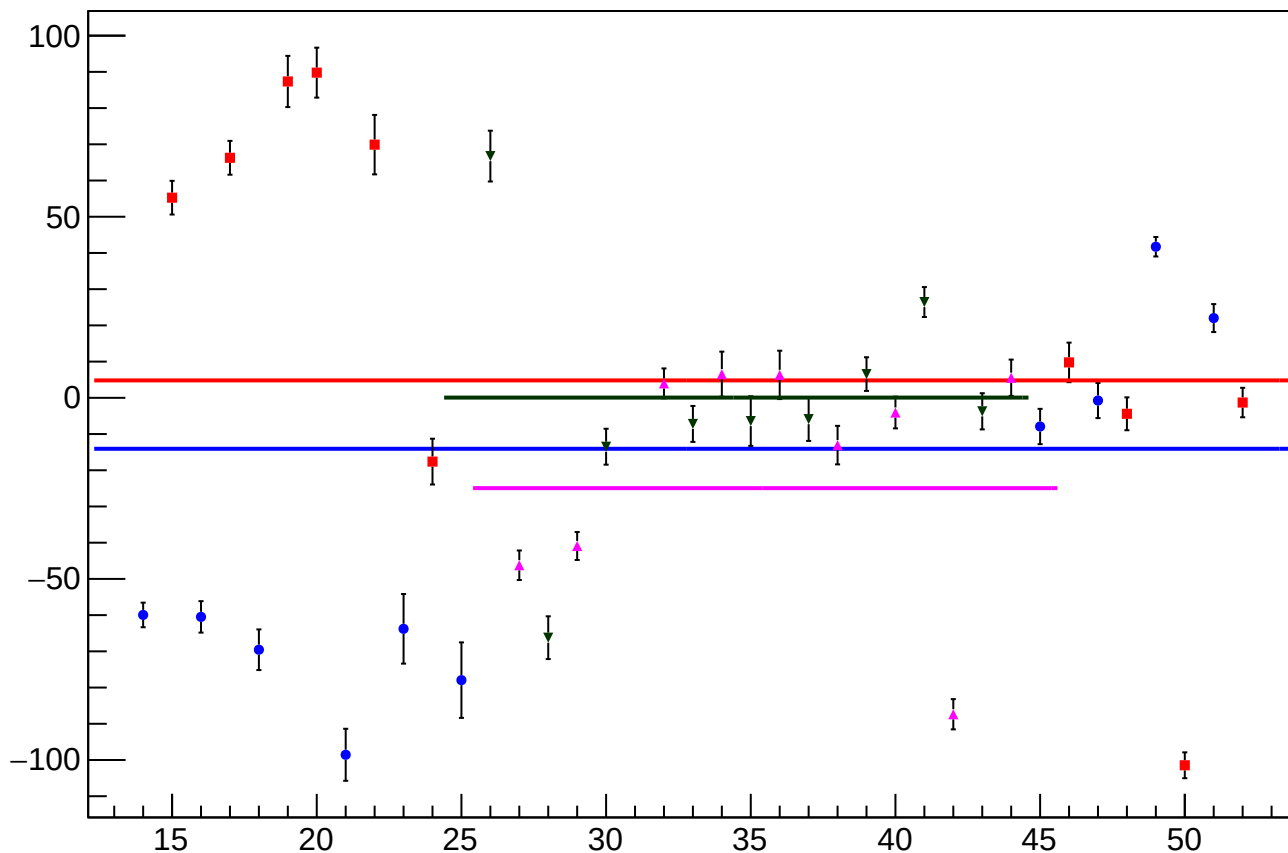
Left Out: 98.102 $\pm$ 2.356 χ^2 /NDF:129.1/8

Right Out: -97.286 $\pm$ 2.103 χ^2 /NDF: 156.9/9

Left In: -99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

4.379 $\pm$ 1.035 χ^2 /NDF: 9913.9/37

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -14.071 ± 1.413 $\chi^2/\text{NDF}: 1124.1/9$

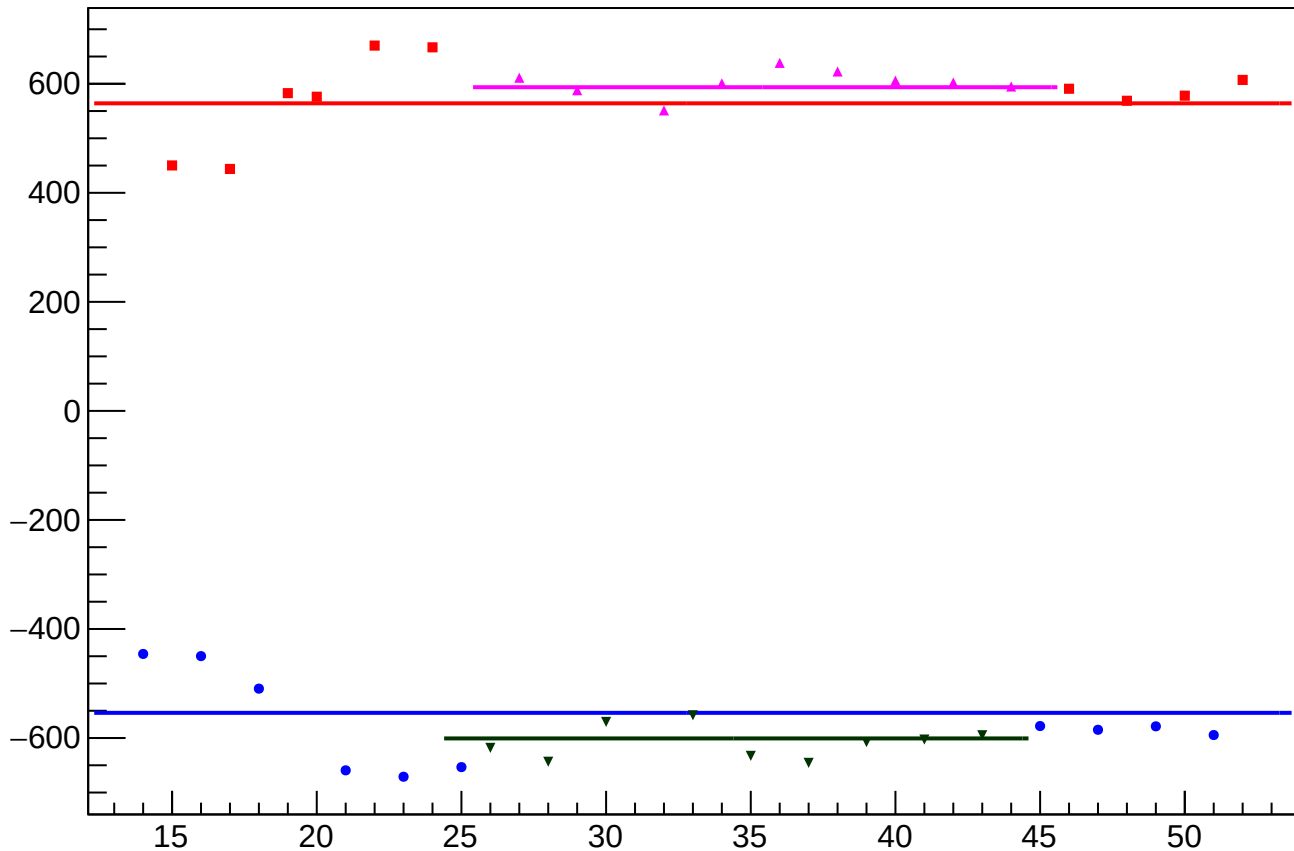
Left Out: 0.065 ± 1.757 $\chi^2/\text{NDF}: 271.1/8$

Right Out: 4.811 ± 1.593 $\chi^2/\text{NDF}: 1548.3/9$

Left In: -24.937 ± 1.545 $\chi^2/\text{NDF}: 429.3/8$

-9.513 ± 0.781 $\chi^2/\text{NDF}: 3593.5/37$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -553.810+/-0.343 χ^2/NDF : 37745.6/9

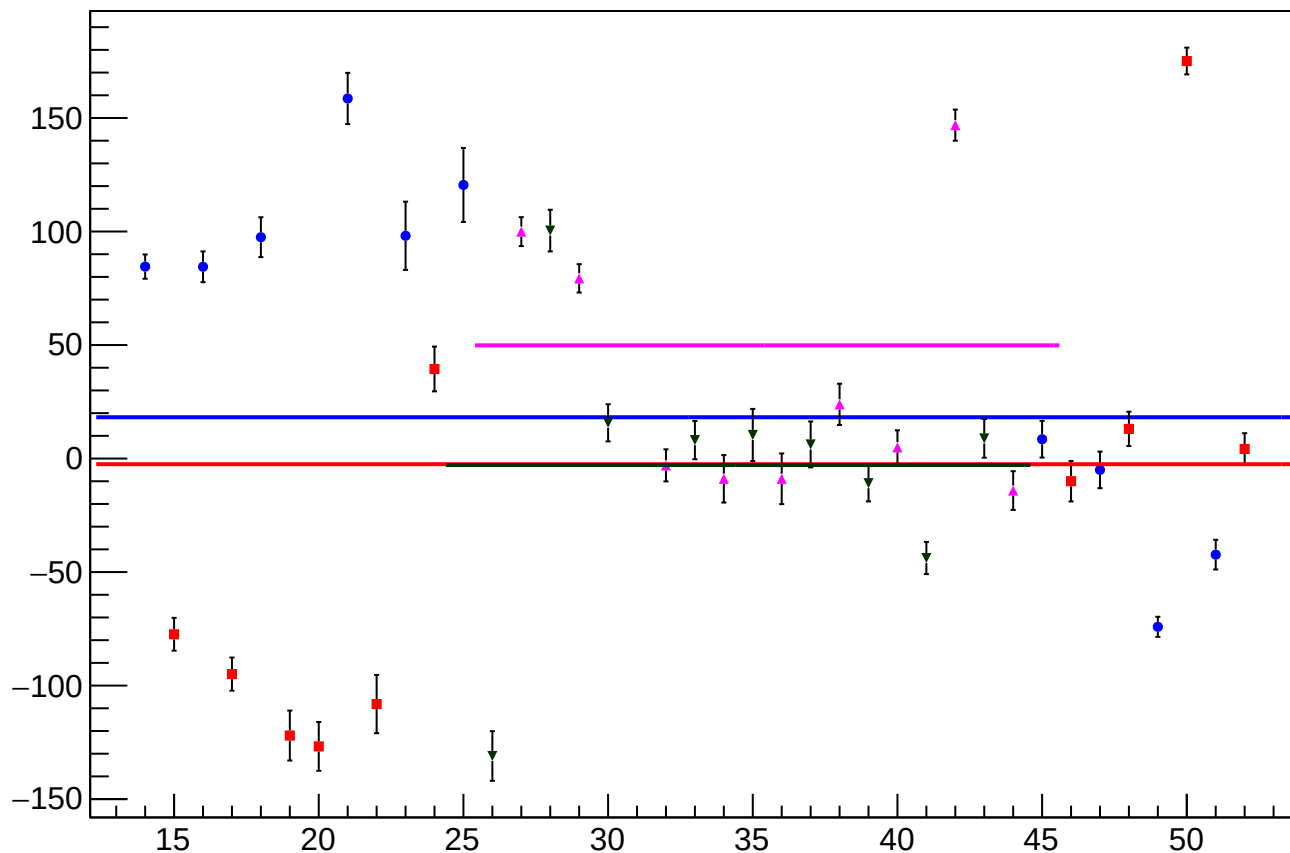
Left Out: -600.749+/-0.393 χ^2/NDF : 5250.8/8

Right Out: 564.136+/-0.385 χ^2/NDF : 29858.6/9

Left In: 593.704+/-0.360 χ^2/NDF : 4731.8/8

-6.969+/-0.184 χ^2/NDF : 9868531.6/37

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 18.196+/-2.288 χ^2 /NDF: 1084.2/9

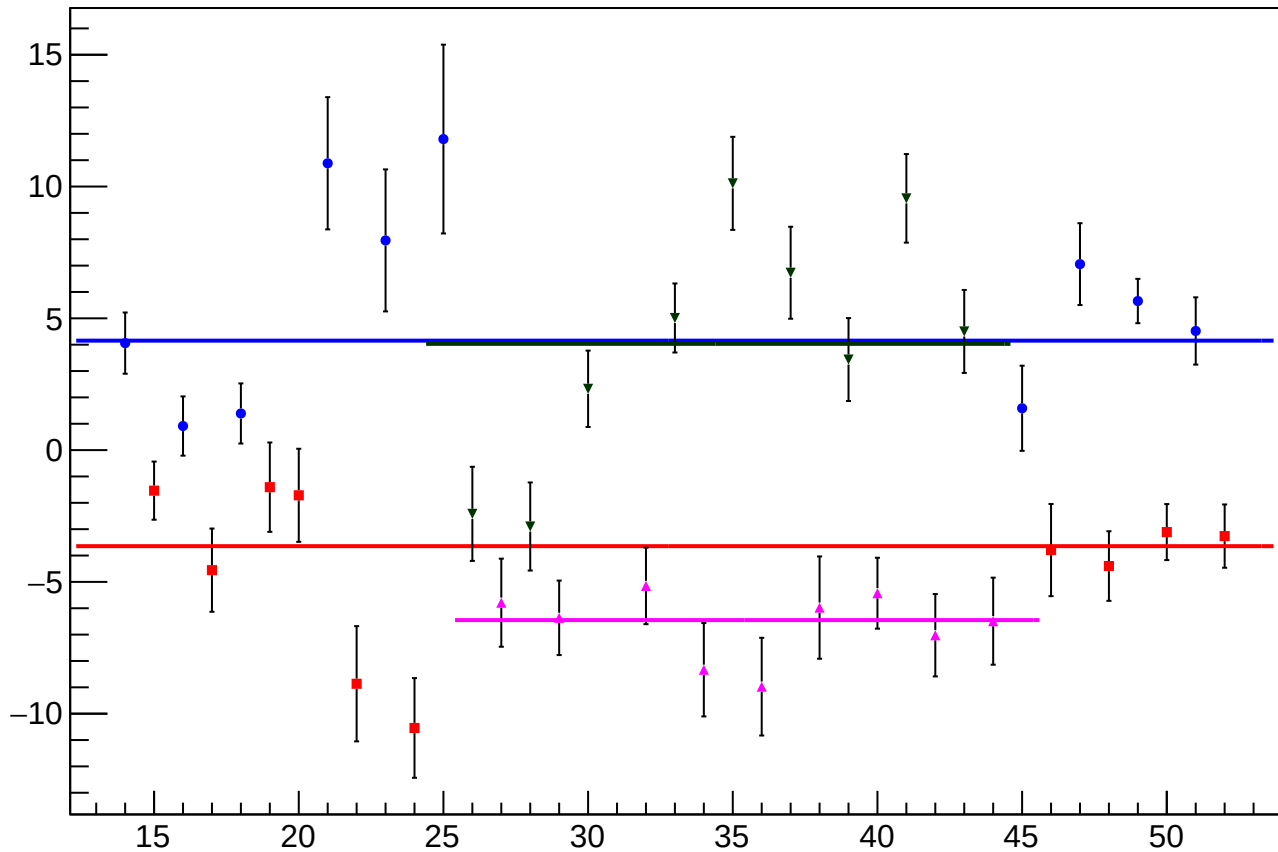
Left Out: -2.868+/-2.936 χ^2 /NDF:309.5/8

Right Out: -2.493+/-2.575 χ^2 /NDF: 1521.3/9

Left In: 49.858+/-2.562 χ^2 /NDF:500.0/8

16.988+/-1.280 χ^2 /NDF: 3682.9/37

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.153 ± 0.426 $\chi^2/\text{NDF}: 37.2/9$

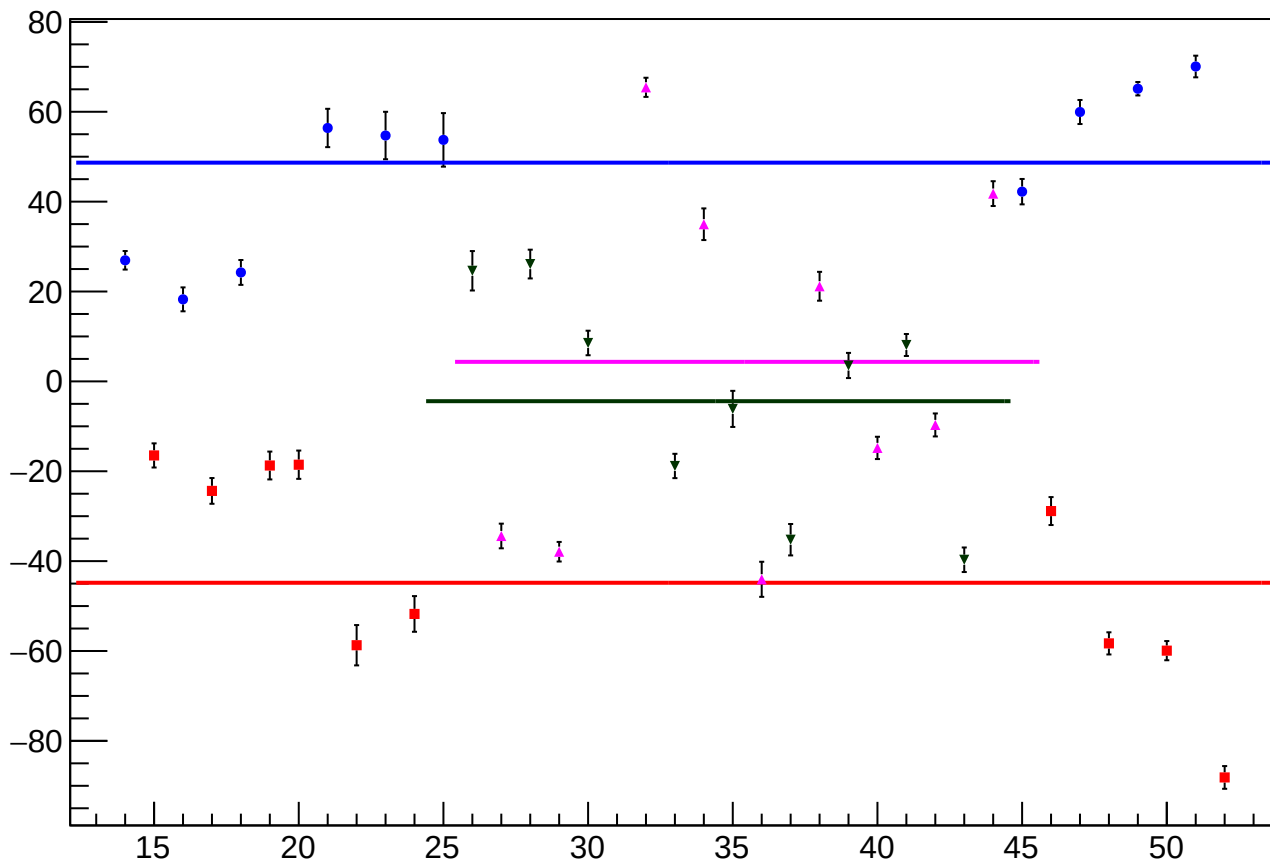
Left Out: 4.032 ± 0.531 $\chi^2/\text{NDF}: 57.5/8$

Right Out: -3.644 ± 0.454 $\chi^2/\text{NDF}: 26.6/9$

Left In: -6.449 ± 0.532 $\chi^2/\text{NDF}: 4.7/8$

-0.195 ± 0.239 $\chi^2/\text{NDF}: 489.6/37$

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 48.676+/-0.814 χ^2 /NDF: 547.6/9

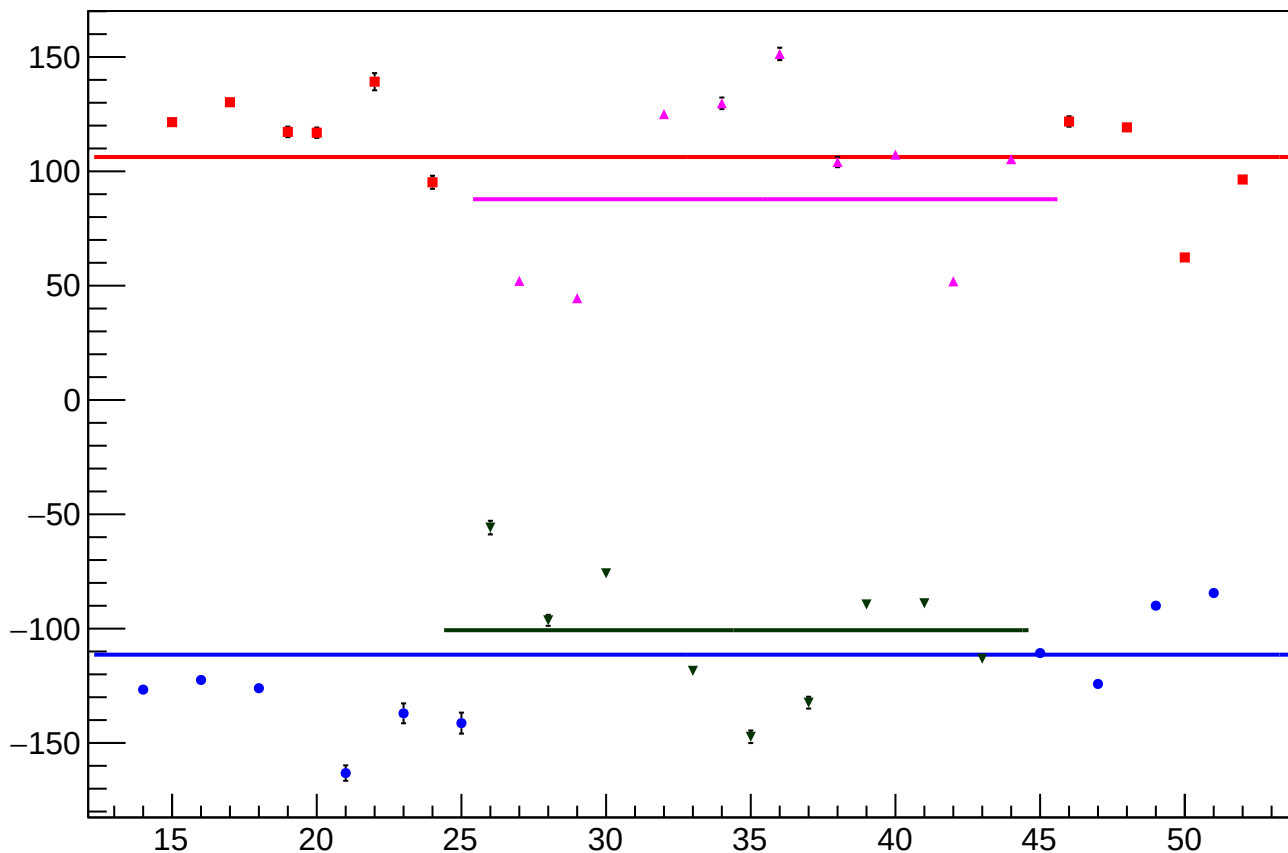
Left Out: -4.407+/-1.004 χ^2 /NDF: 464.5/8

3.981+/-0.448 χ^2 /NDF: 9650.2/37

Right Out: -44.816+/-0.905 χ^2 /NDF: 715.0/9

Left In: 4.347+/-0.893 χ^2 /NDF: 1927.7/8

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -111.384 ± 0.628 $\chi^2/\text{NDF}: 1067.9/9$

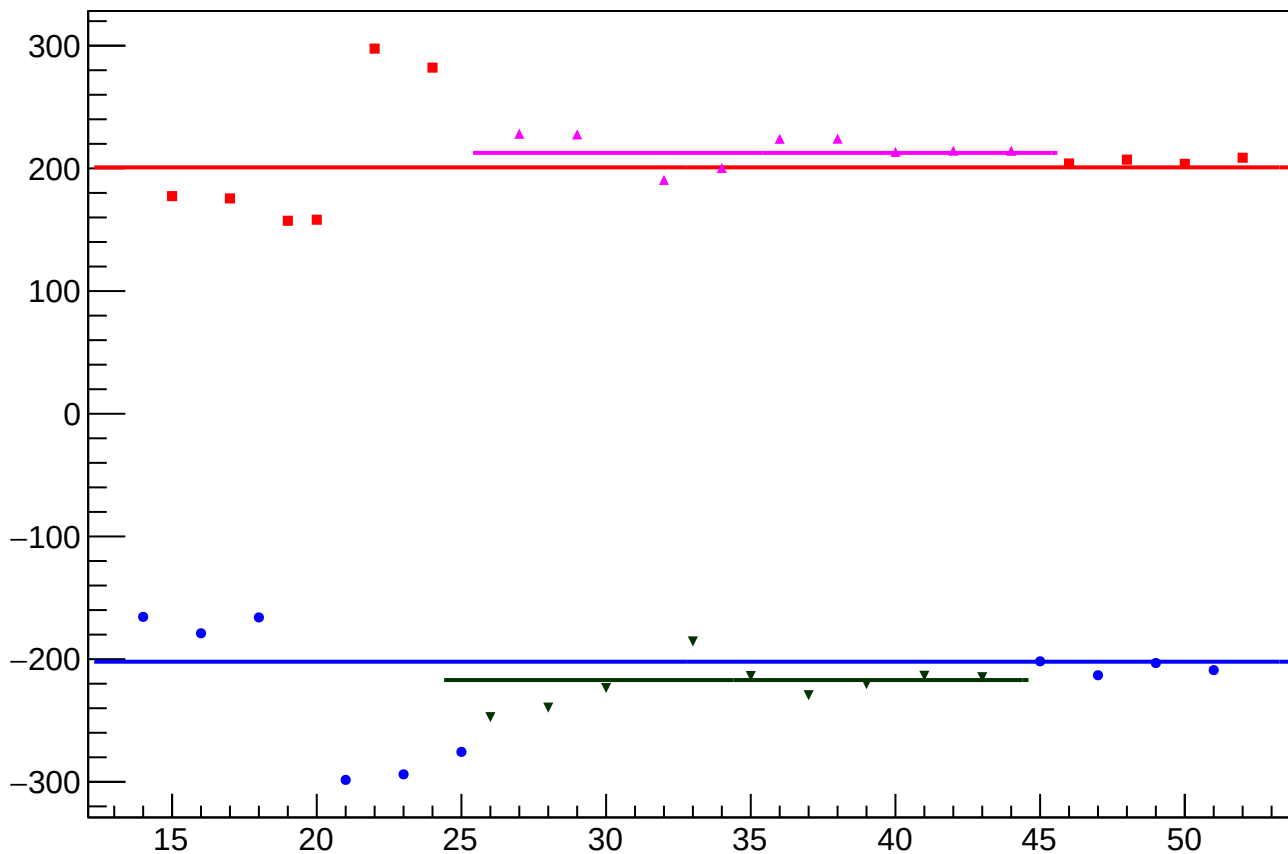
Left Out: -100.691 ± 0.748 $\chi^2/\text{NDF}: 978.9/8$

Right Out: 106.262 ± 0.682 $\chi^2/\text{NDF}: 1167.9/9$

Left In: 87.803 ± 0.654 $\chi^2/\text{NDF}: 3037.1/8$

-3.319 ± 0.337 $\chi^2/\text{NDF}: 98012.0/37$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -202.085 $\pm$ 0.152 χ^2 /NDF: 46995.8/9

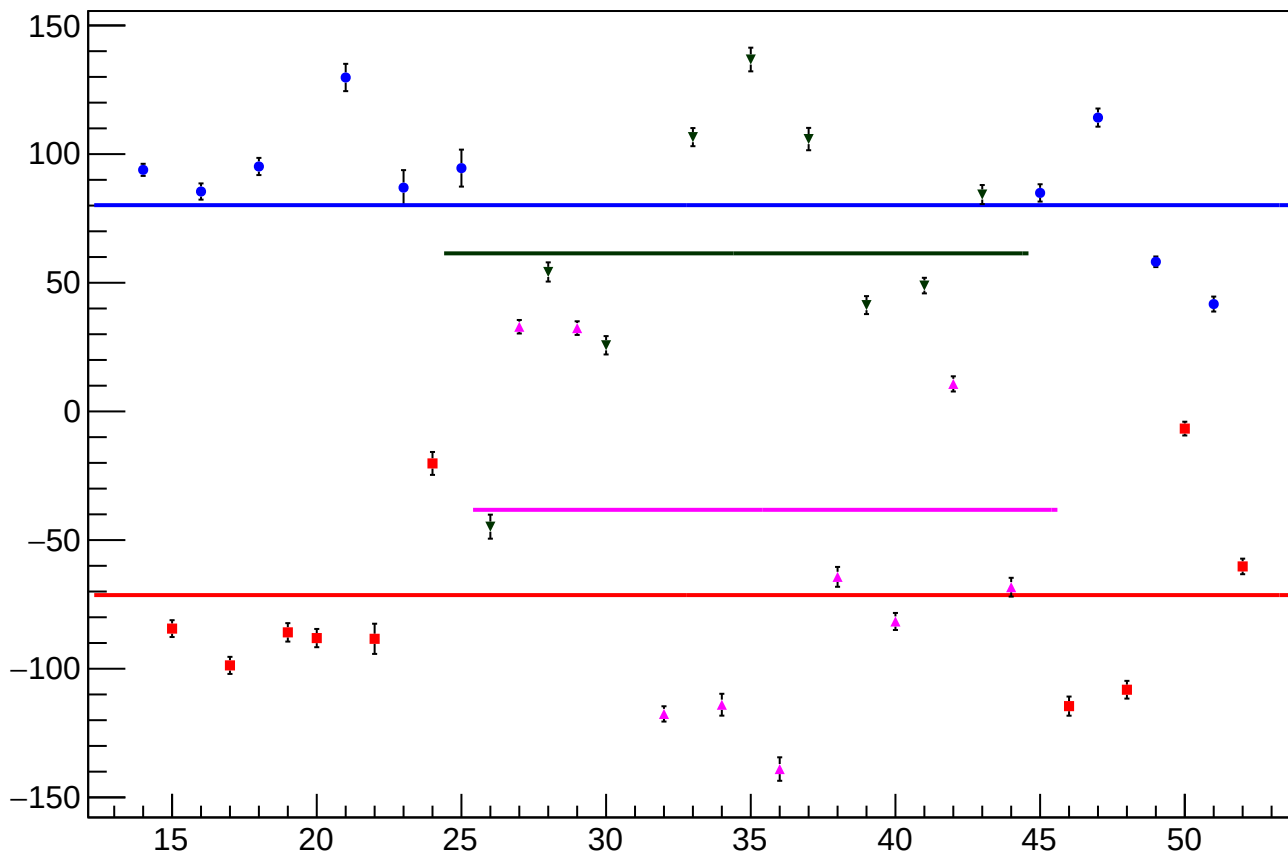
Left Out: -217.033 $\pm$ 0.168 χ^2 /NDF: 9889.6/8

Right Out: 200.837 $\pm$ 0.166 χ^2 /NDF: 41428.9/9

Left In: 212.625 $\pm$ 0.153 χ^2 /NDF: 8043.8/8

-0.211 $\pm$ 0.080 χ^2 /NDF: 6947637.7/37

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 80.161+/-1.016 χ^2/NDF : 533.0/9

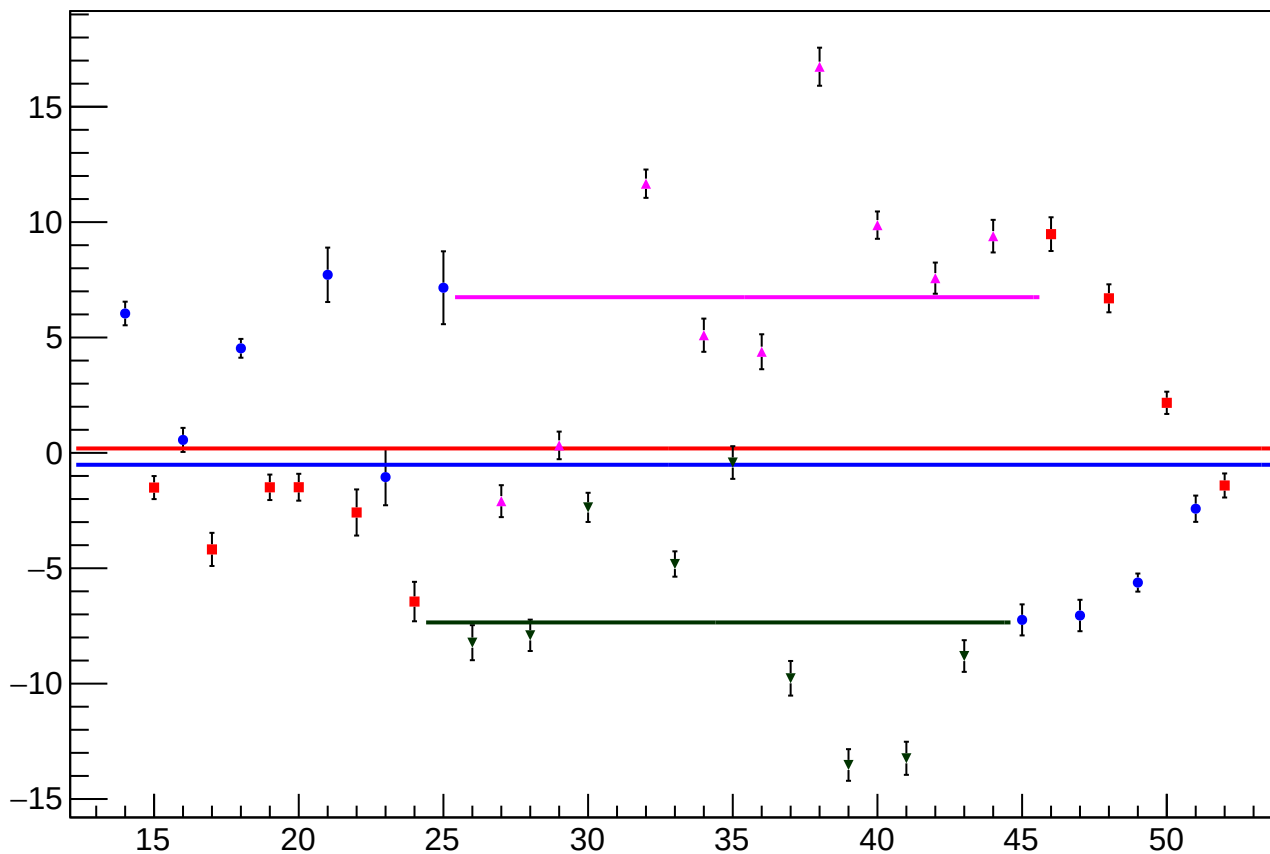
Left Out: 61.427+/-1.249 χ^2/NDF : 1247.3/8

7.747+/-0.551 χ^2/NDF : 20322.2/37

Right Out: -71.381+/-1.100 χ^2/NDF : 1110.7/9

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 $\chi^2/\text{NDF}: 767.2/9$

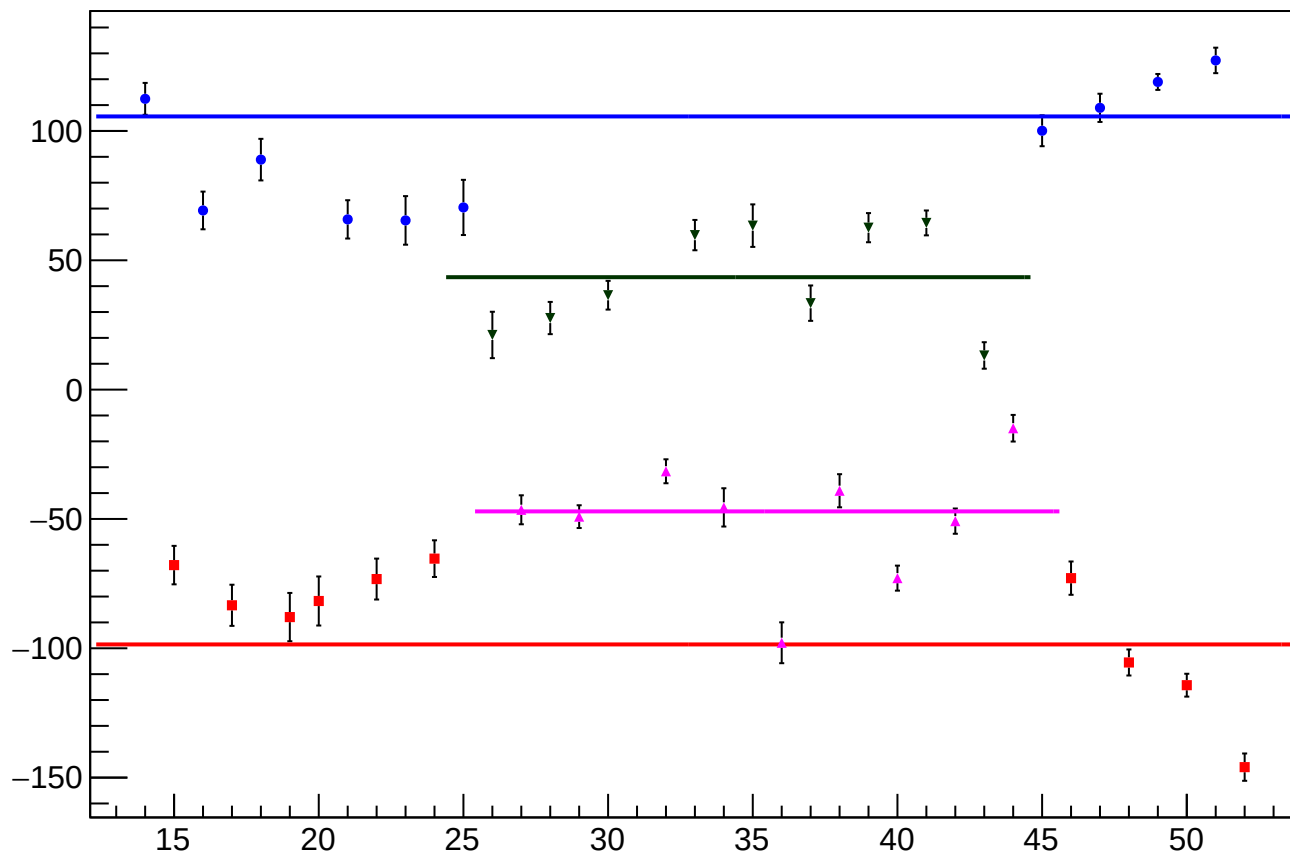
Left Out: -7.348 ± 0.225 $\chi^2/\text{NDF}: 344.7/8$

Right Out: 0.192 ± 0.192 $\chi^2/\text{NDF}: 436.9/9$

Left In: 6.747 ± 0.225 $\chi^2/\text{NDF}: 547.5/8$

-0.224 ± 0.102 $\chi^2/\text{NDF}: 4061.1/37$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 105.617 $\pm$ 1.804 χ^2 /NDF: 127.8/9

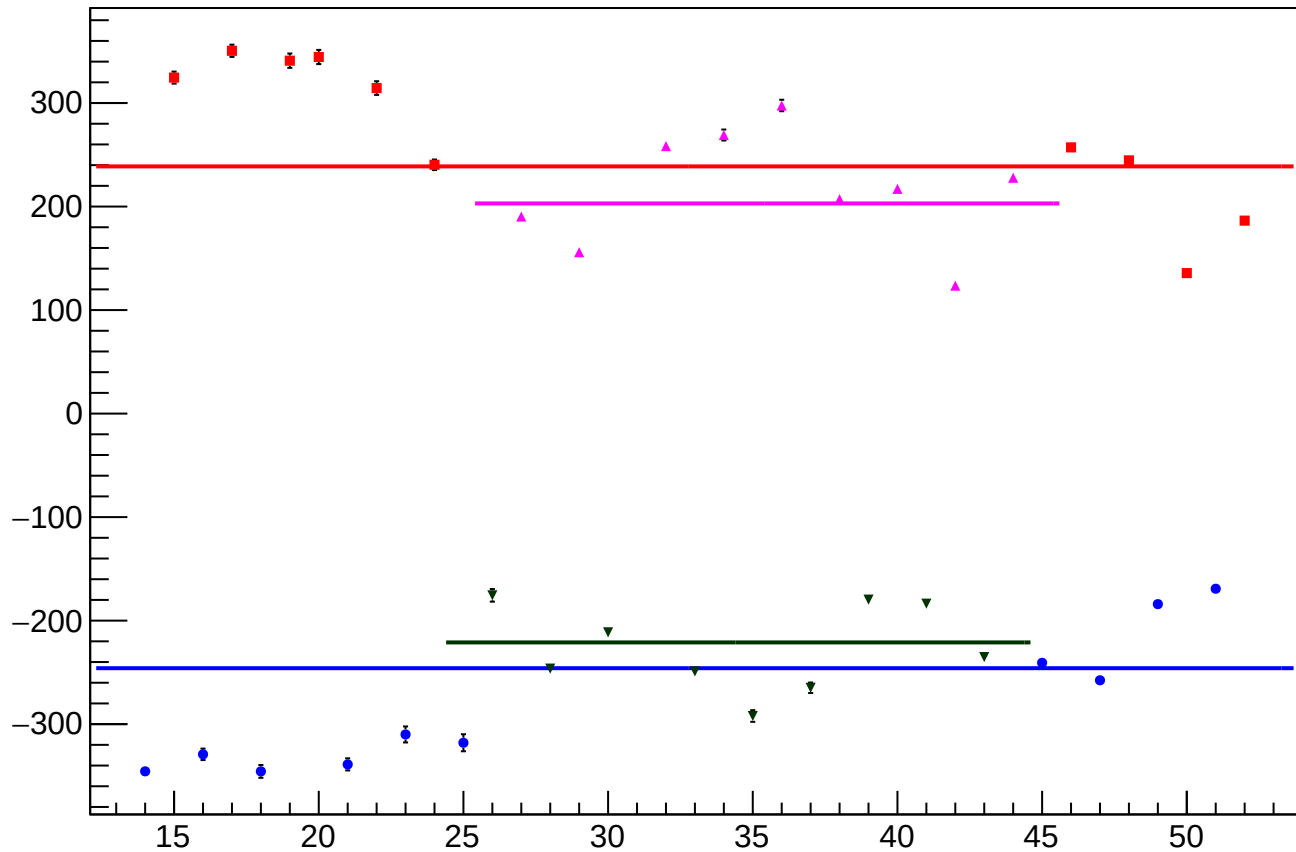
Left Out: 43.469 $\pm$ 2.005 χ^2 /NDF:95.4/8

Right Out: -98.512 $\pm$ 2.029 χ^2 /NDF: 168.3/9

Left In: -47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

4.224 $\pm$ 0.949 χ^2 /NDF: 7440.4/37

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -245.941+/-1.403 χ^2 /NDF: 2440.3/9

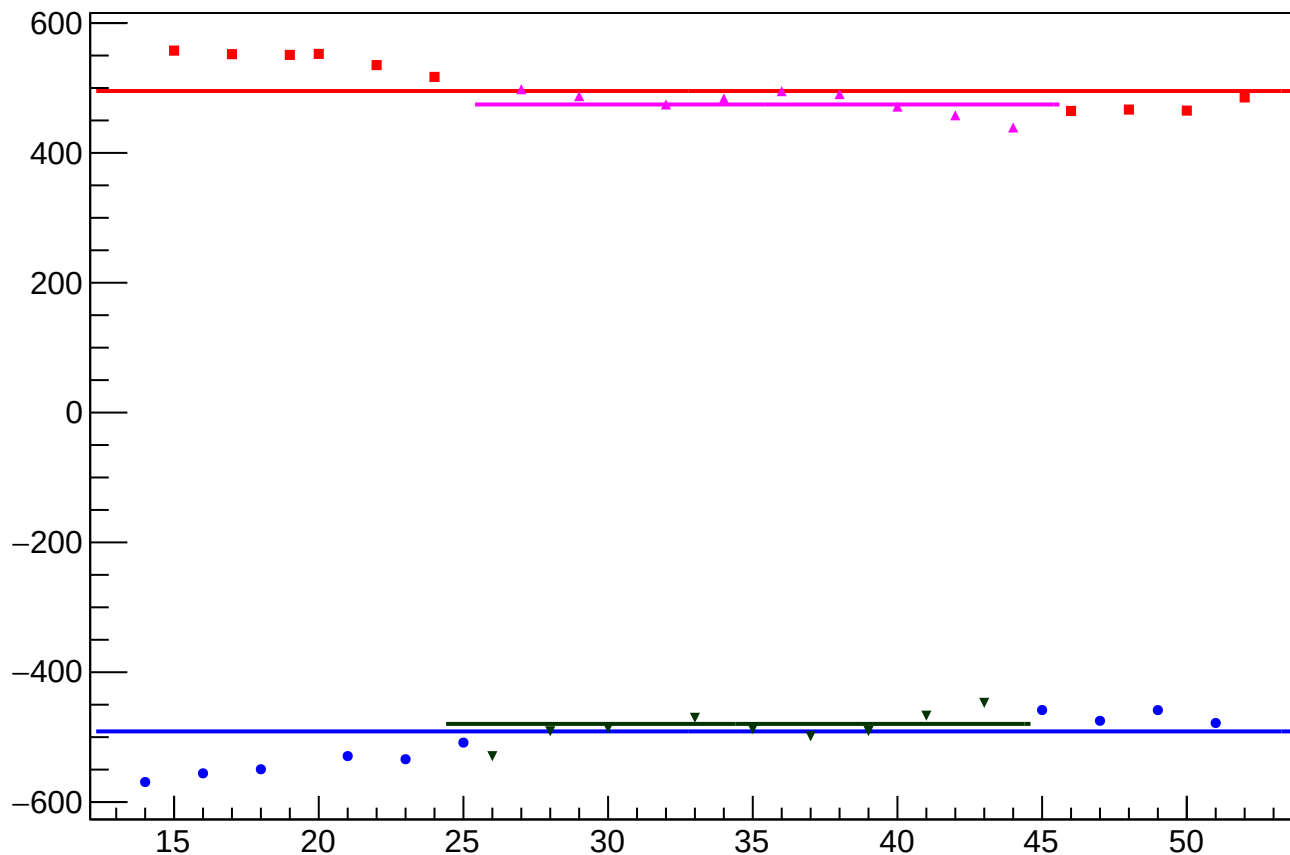
Left Out: -221.044+/-1.496 χ^2 /NDF:593.9/8

Right Out: 238.799+/-1.535 χ^2 /NDF: 2328.0/9

Left In: 203.012+/-1.312 χ^2 /NDF:1461.2/8

-2.197+/-0.714 χ^2 /NDF: 107545.2/37

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -491.127+/-0.335 χ^2/NDF : 13834.0/9

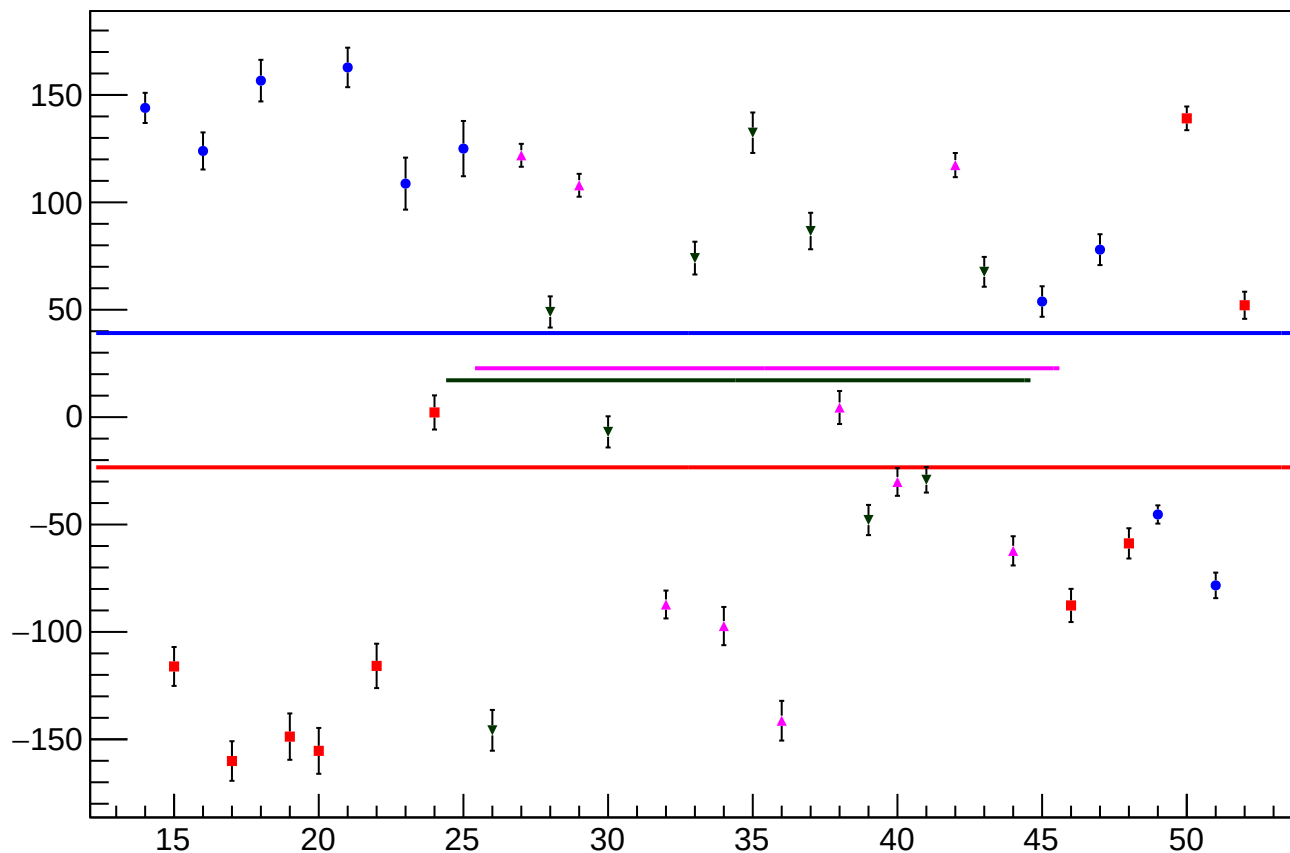
Left Out: -479.578+/-0.336 χ^2/NDF : 3549.6/8

Right Out: 495.342+/-0.368 χ^2/NDF : 9590.1/9

Left In: 474.603+/-0.308 χ^2/NDF : 3381.7/8

0.768+/-0.167 χ^2/NDF : 8410895.8/37

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 39.149 ± 2.282 $\chi^2/\text{NDF}: 1545.2/9$

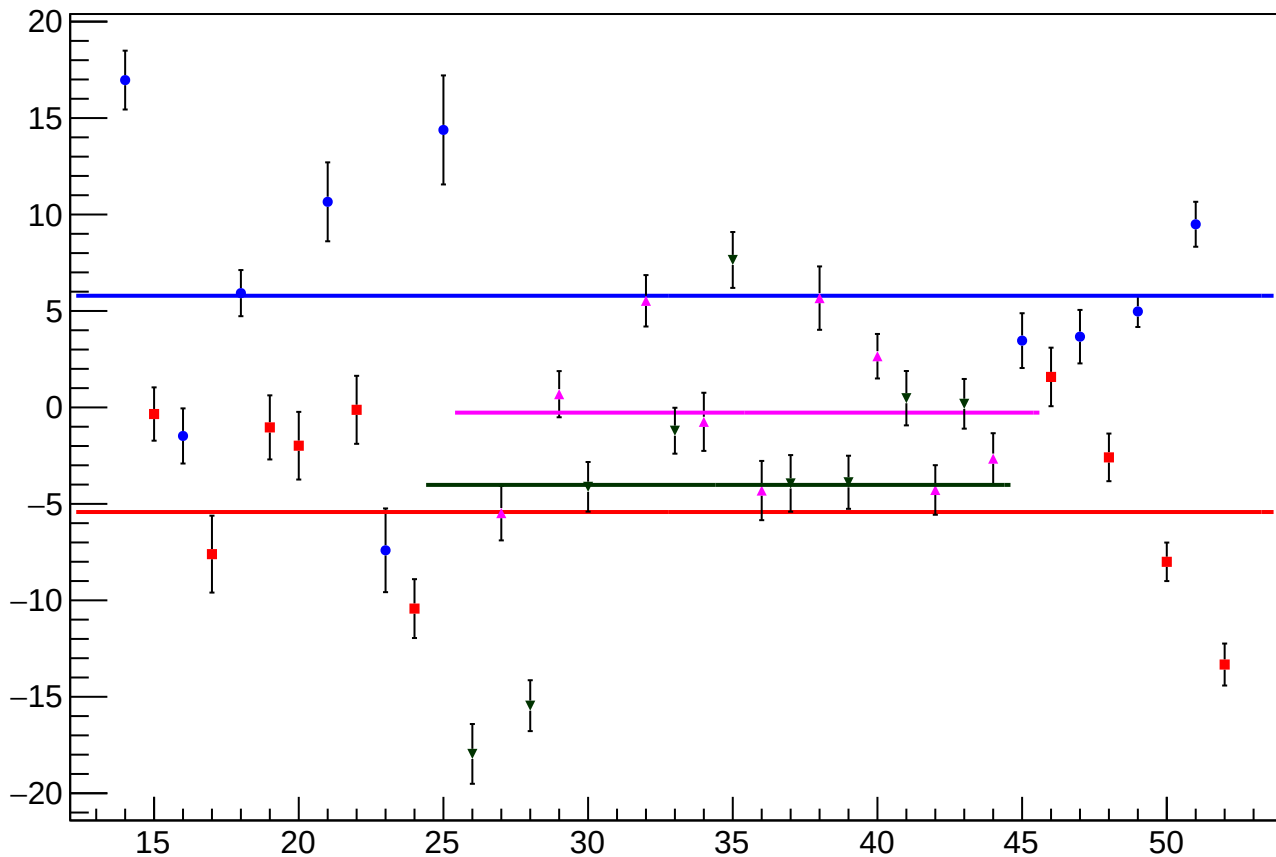
Left Out: 17.160 ± 2.496 $\chi^2/\text{NDF}: 796.1/8$

Right Out: -23.366 ± 2.490 $\chi^2/\text{NDF}: 1807.6/9$

Left In: 22.755 ± 2.169 $\chi^2/\text{NDF}: 1896.6/8$

15.611 ± 1.173 $\chi^2/\text{NDF}: 6408.2/37$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 5.789 $\pm$ 0.427 χ^2 /NDF: 147.7/9

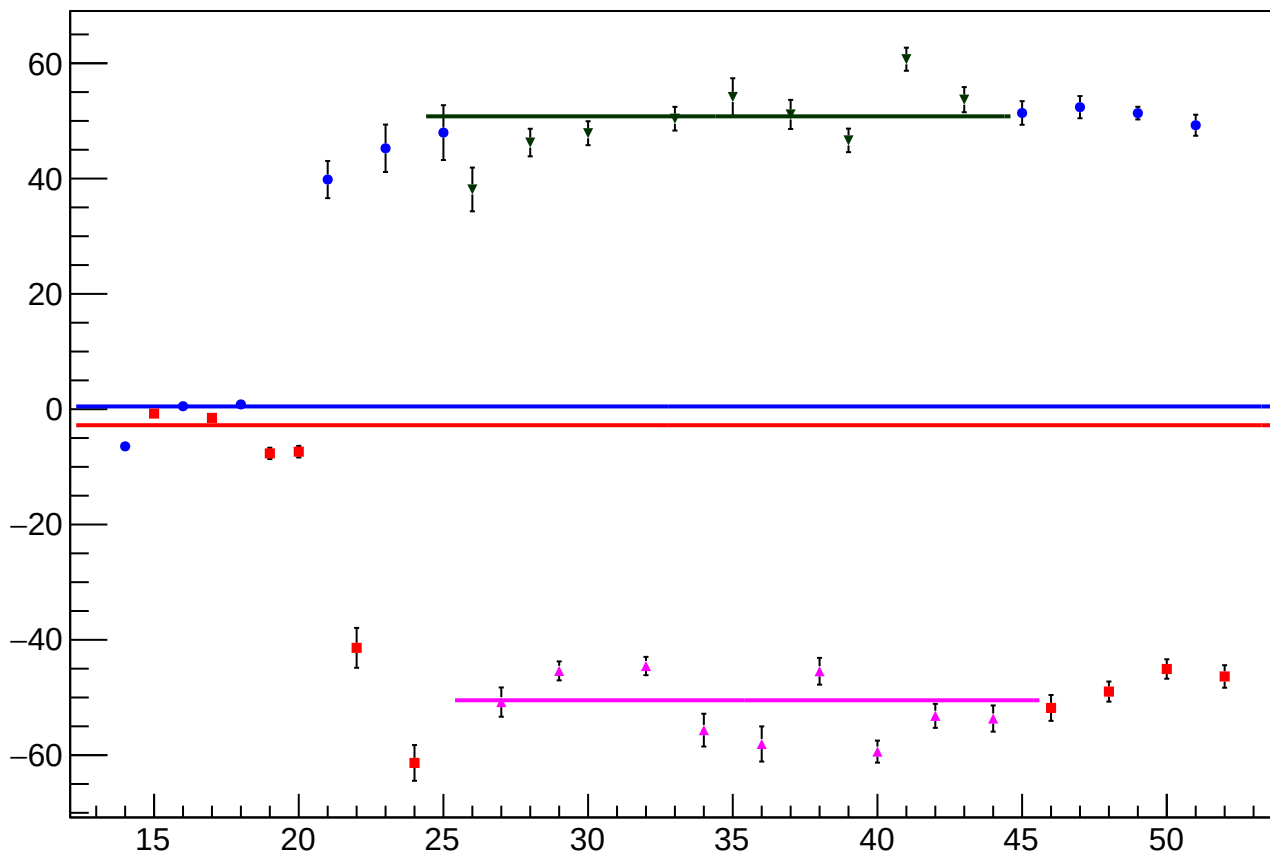
Left Out: -4.016 $\pm$ 0.453 χ^2 /NDF: 247.5/8

Right Out: -5.422 $\pm$ 0.440 χ^2 /NDF: 131.4/9

Left In: -0.270 $\pm$ 0.450 χ^2 /NDF: 72.6/8

-0.836 $\pm$ 0.221 χ^2 /NDF: 999.3/37

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 0.478 ± 0.145 χ^2/NDF : 5246.7/9

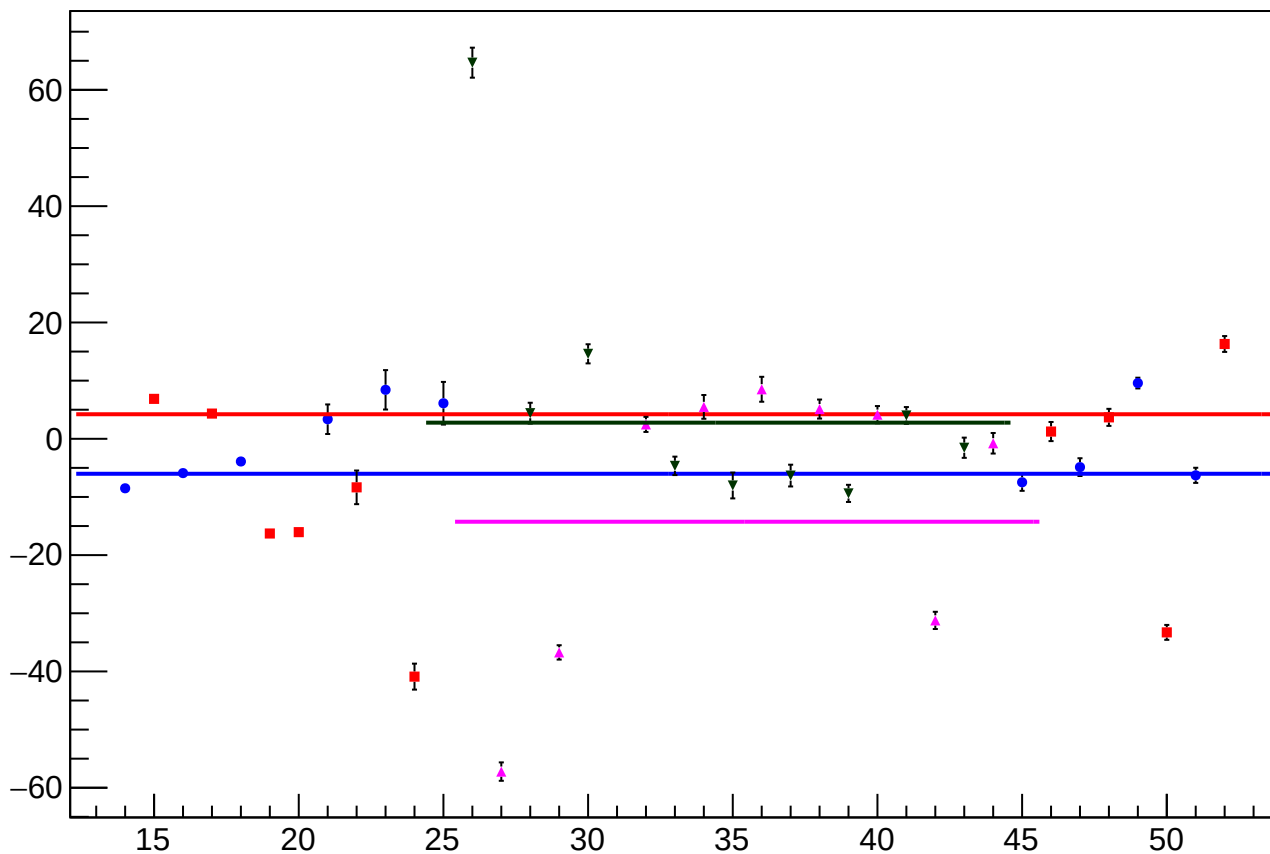
Left Out: 50.793 ± 0.775 χ^2/NDF : 48.3/8

-1.251 ± 0.102 χ^2/NDF : 18008.7/37

Right Out: -2.779 ± 0.150 χ^2/NDF : 2961.3/9

Left In: -50.488 ± 0.701 χ^2/NDF : 63.2/8

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.013 ± 0.109 $\chi^2/\text{NDF}: 579.6/9$

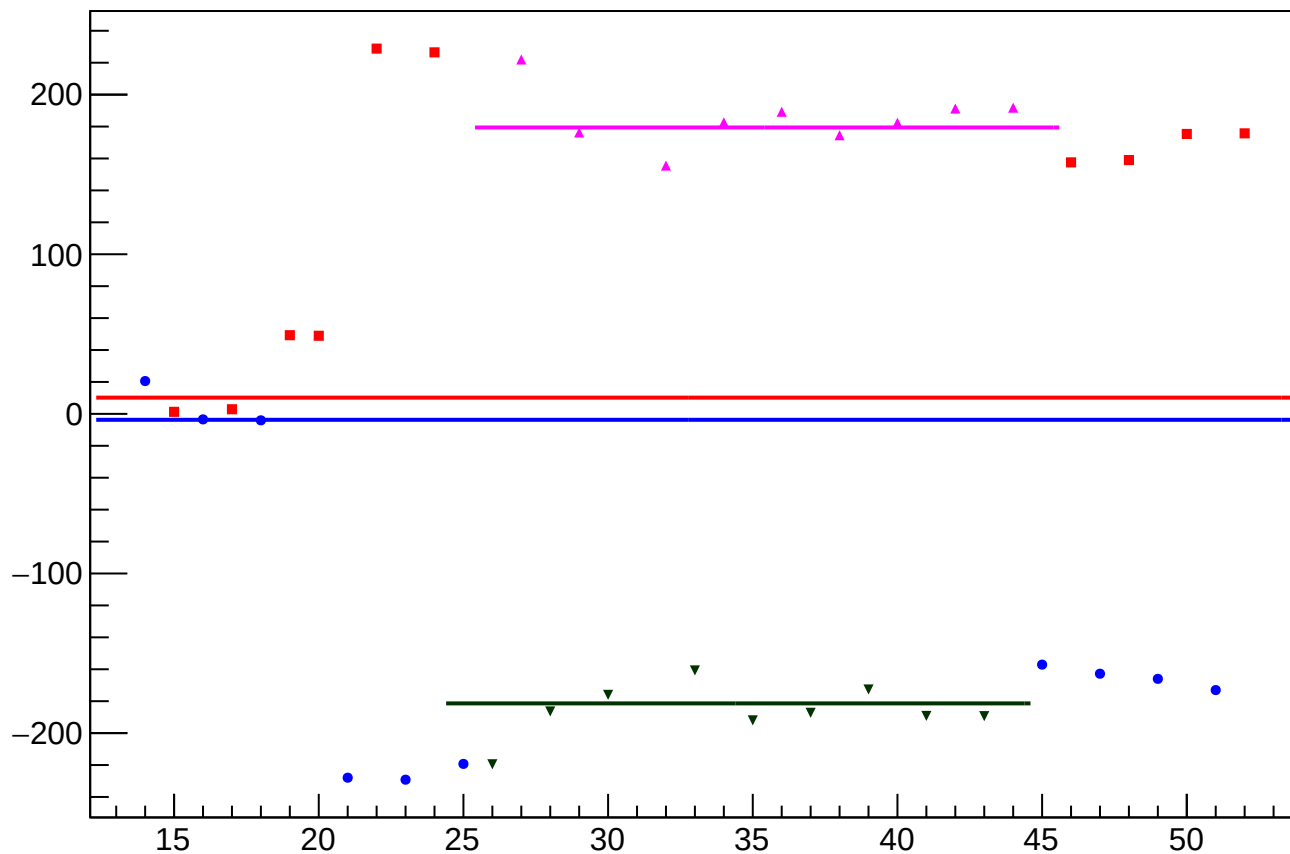
Left Out: 2.776 ± 0.578 $\chi^2/\text{NDF}: 772.4/8$

Right Out: 4.222 ± 0.114 $\chi^2/\text{NDF}: 3200.6/9$

Left In: -14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

-1.348 ± 0.077 $\chi^2/\text{NDF}: 11359.0/37$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -3.719+/-0.028 χ^2/NDF : 1786915.3/9

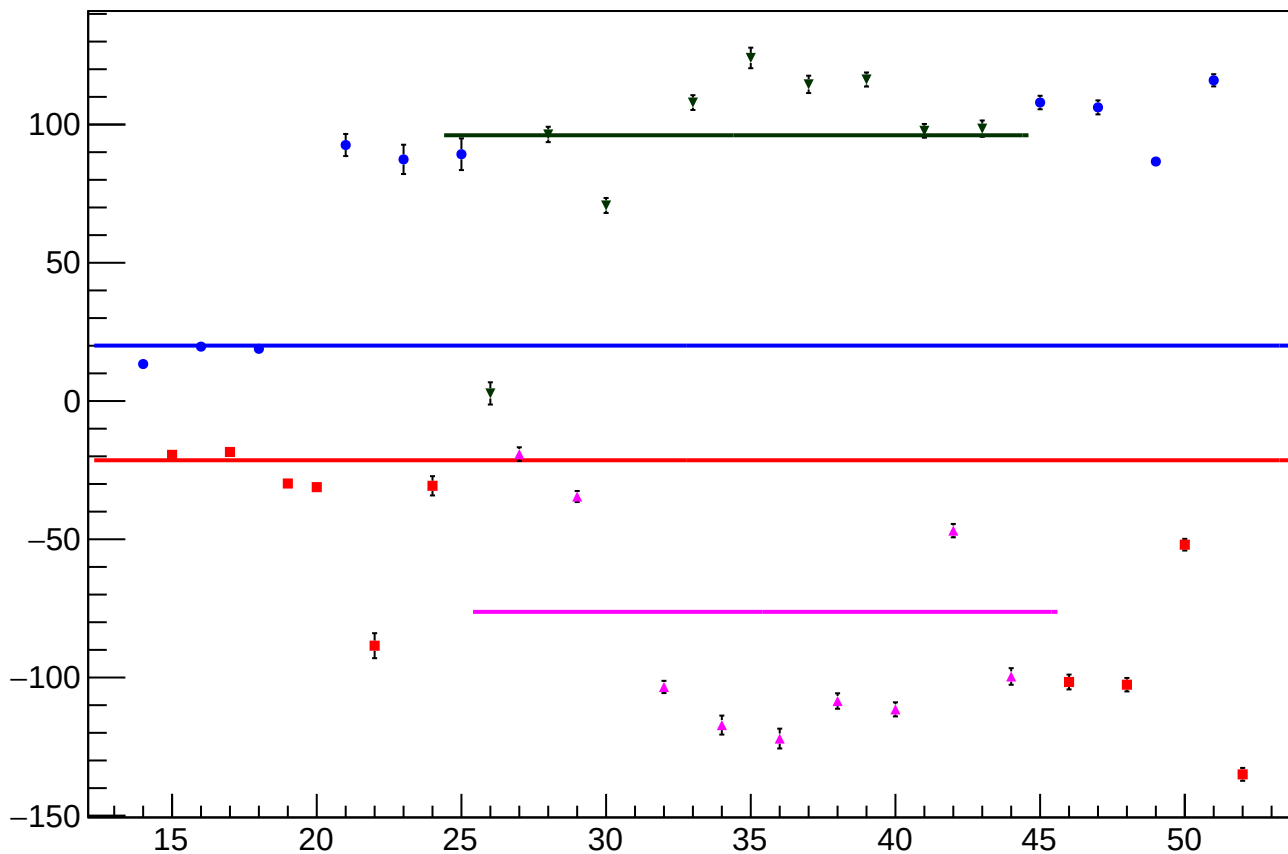
Left Out: -181.384+/-0.129 χ^2/NDF : 10642.5/8

3.599+/-0.020 χ^2/NDF : 7478555.1/37

Right Out: 10.176+/-0.029 χ^2/NDF : 1329534.7/9

Left In: 179.424+/-0.120 χ^2/NDF : 21031.0/8

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 20.046 $\pm$ 0.171 χ^2 /NDF: 7392.2/9

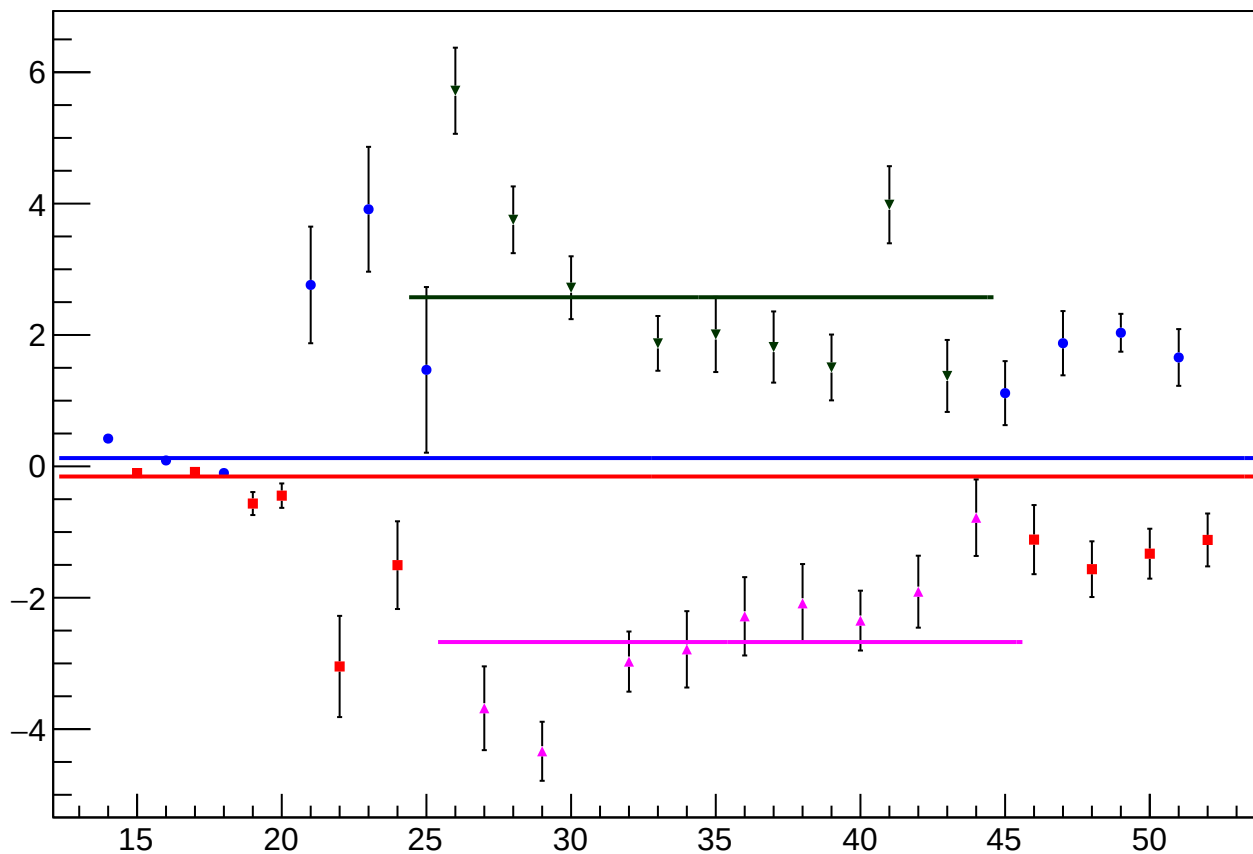
Left Out: 96.116 $\pm$ 0.966 χ^2 /NDF: 801.0/8

Right Out: -21.425 $\pm$ 0.178 χ^2 /NDF: 5120.2/9

Left In: -76.248 $\pm$ 0.863 χ^2 /NDF: 1954.9/8

0.149 $\pm$ 0.121 χ^2 /NDF: 61160.7/37

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.126+/-0.029 χ^2/NDF : 142.3/9

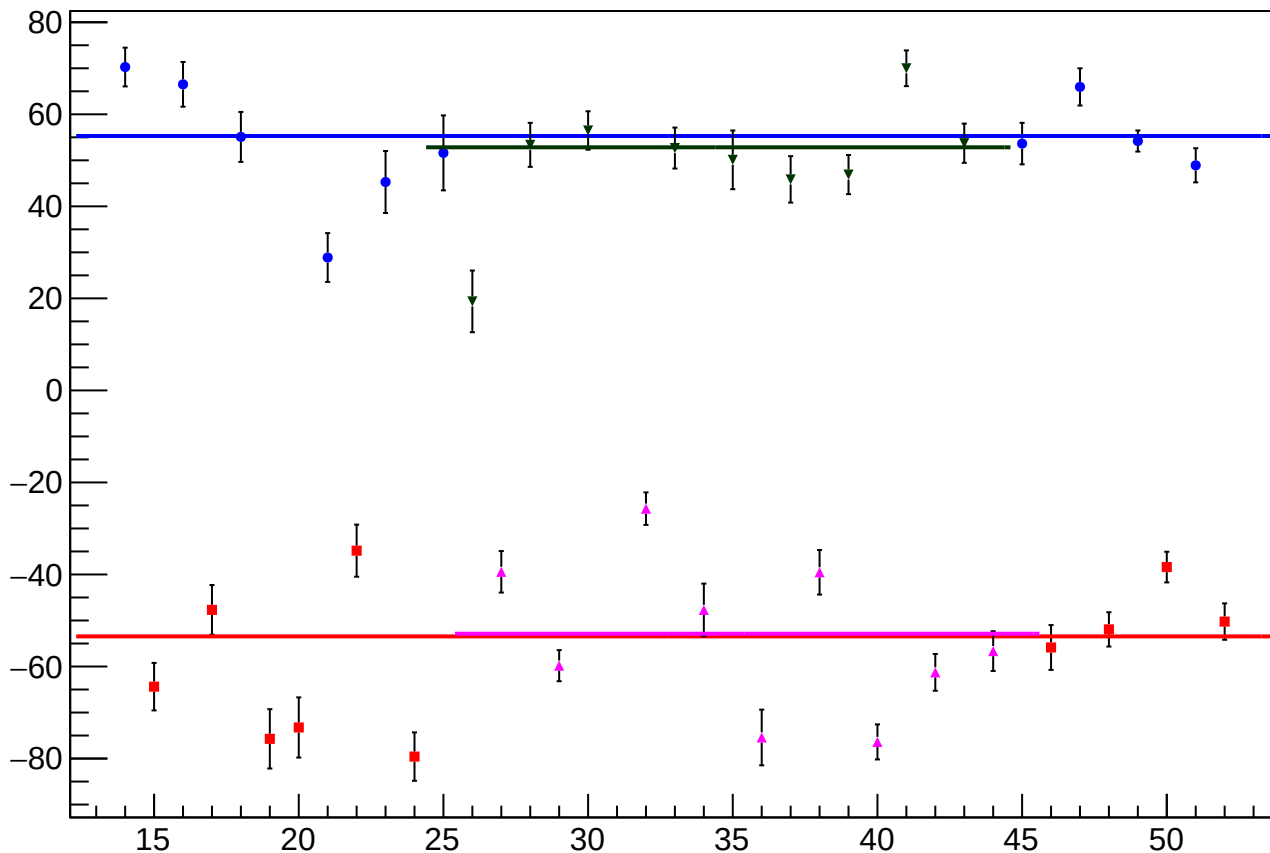
Left Out: 2.574+/-0.174 χ^2/NDF : 49.3/8

Right Out: -0.155+/-0.031 χ^2/NDF : 59.1/9

Left In: -2.674+/-0.177 χ^2/NDF : 31.1/8

-0.003+/-0.021 χ^2/NDF : 772.9/37

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 55.287+/-1.315 χ^2 /NDF: 55.5/9

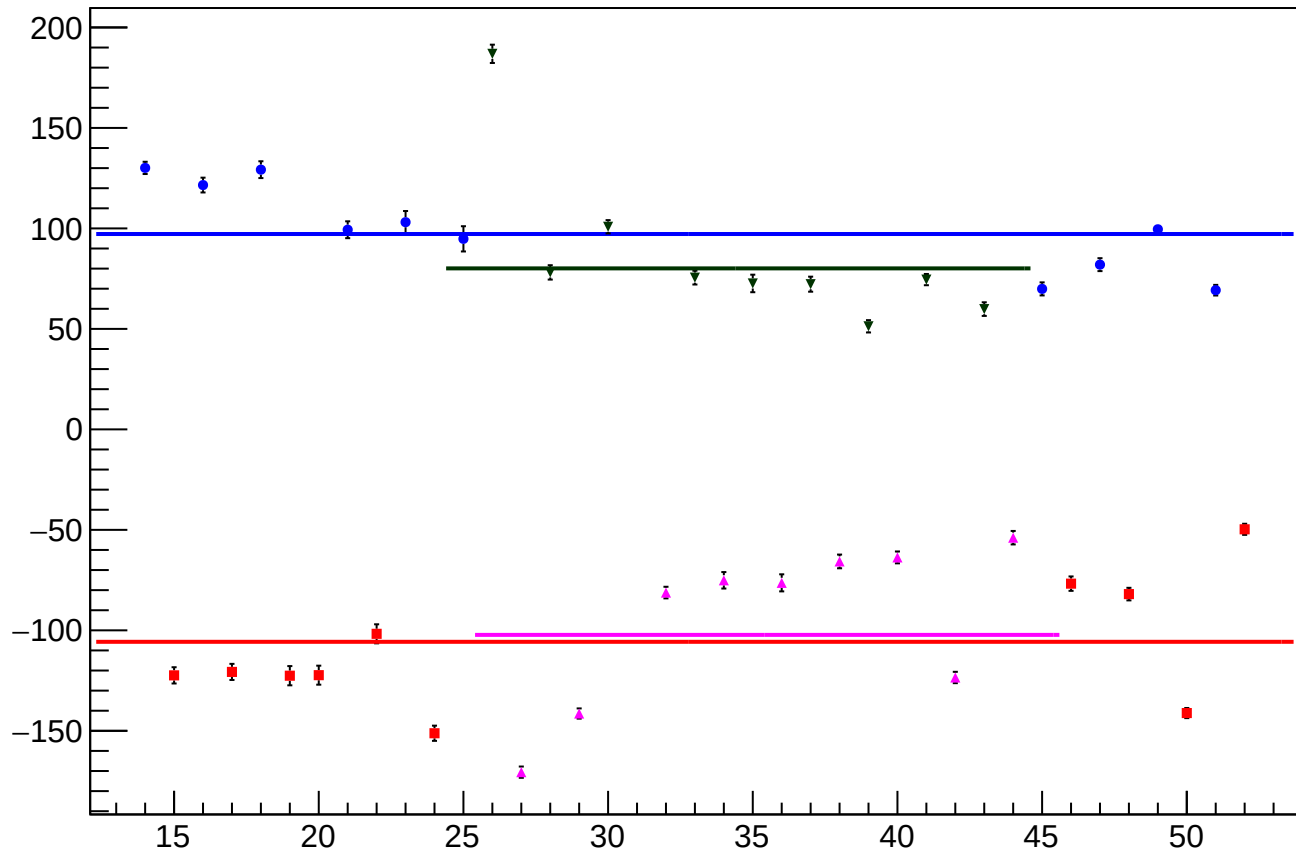
Left Out: 52.828+/-1.553 χ^2 /NDF: 49.4/8

Right Out: -53.459+/-1.483 χ^2 /NDF: 83.7/9

Left In: -52.873+/-1.411 χ^2 /NDF: 137.9/8

1.550+/-0.716 χ^2 /NDF: 5951.8/37

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 97.212 $\pm$ 1.022 χ^2 /NDF: 426.8/9

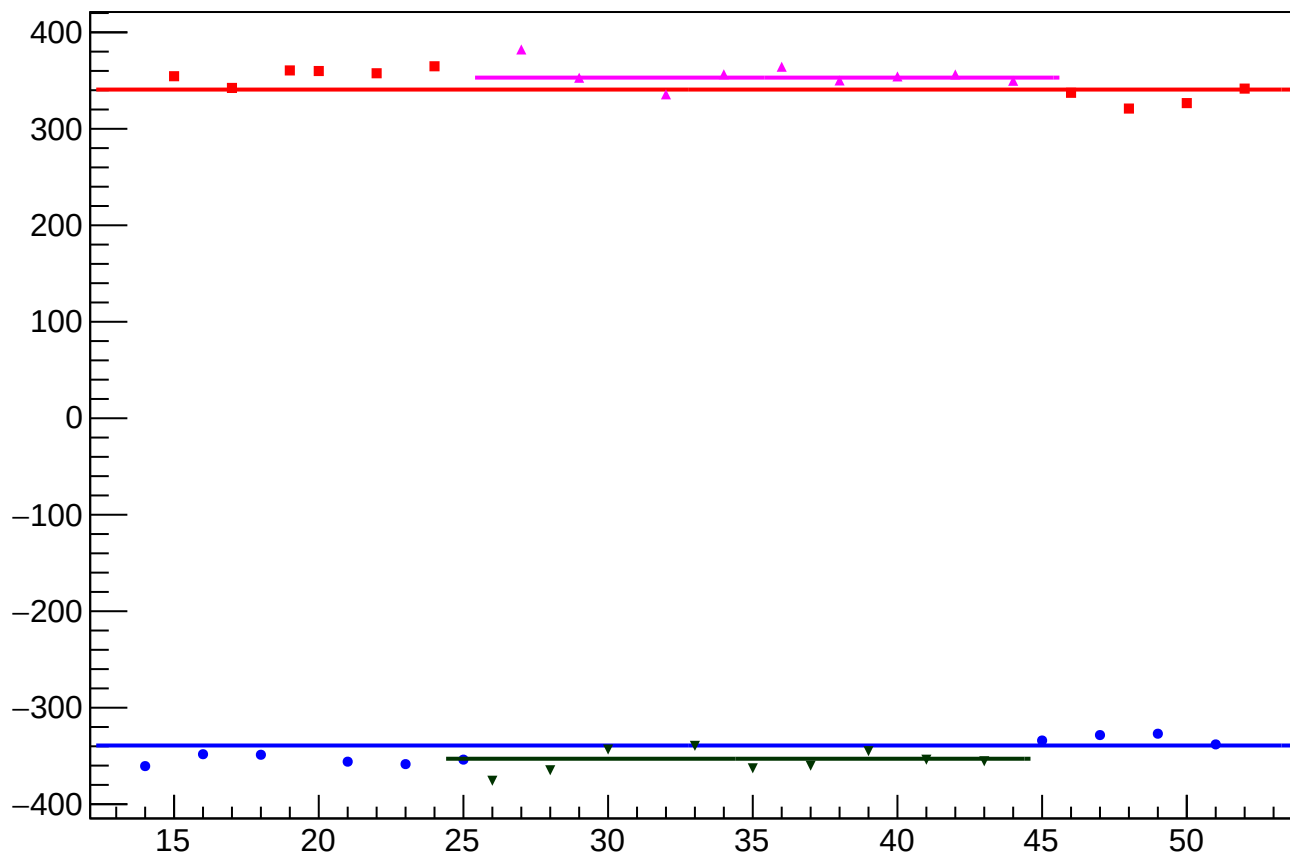
Left Out: 80.107 $\pm$ 1.156 χ^2 /NDF: 725.9/8

Right Out: -105.706 $\pm$ 1.122 χ^2 /NDF: 931.4/9

Left In: -102.262 $\pm$ 1.036 χ^2 /NDF: 1514.4/8

-7.633 $\pm$ 0.540 χ^2 /NDF: 35862.4/37

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -339.170+/-0.245 χ^2 /NDF: 2544.6/9

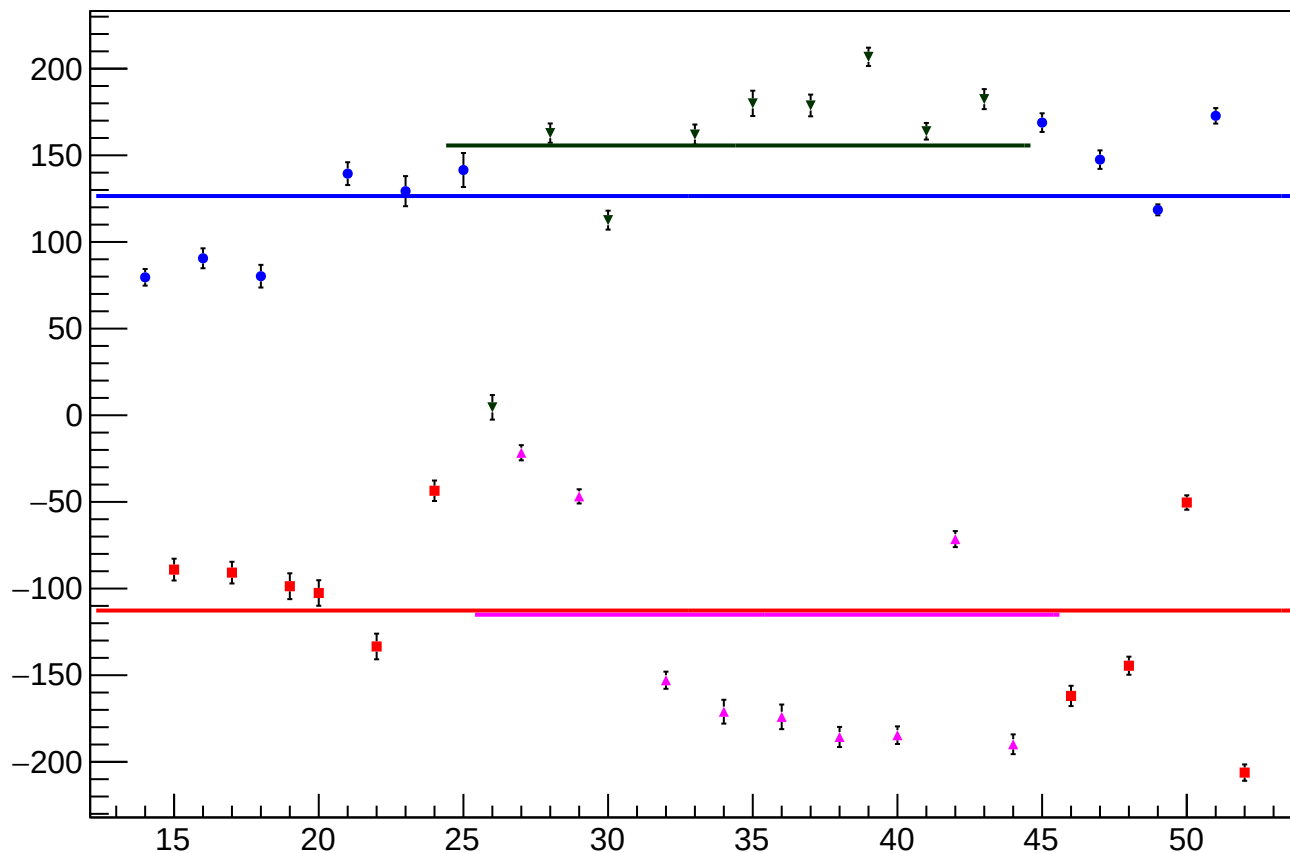
Left Out: -352.892+/-0.259 χ^2 /NDF:1502.2/8

Right Out: 340.675+/-0.269 χ^2 /NDF: 2864.9/9

Left In: 353.066+/-0.242 χ^2 /NDF:2507.5/8

-3.120+/-0.127 χ^2 /NDF: 7510849.4/37

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 126.500 $\pm$ 1.659 χ^2 /NDF: 381.8/9

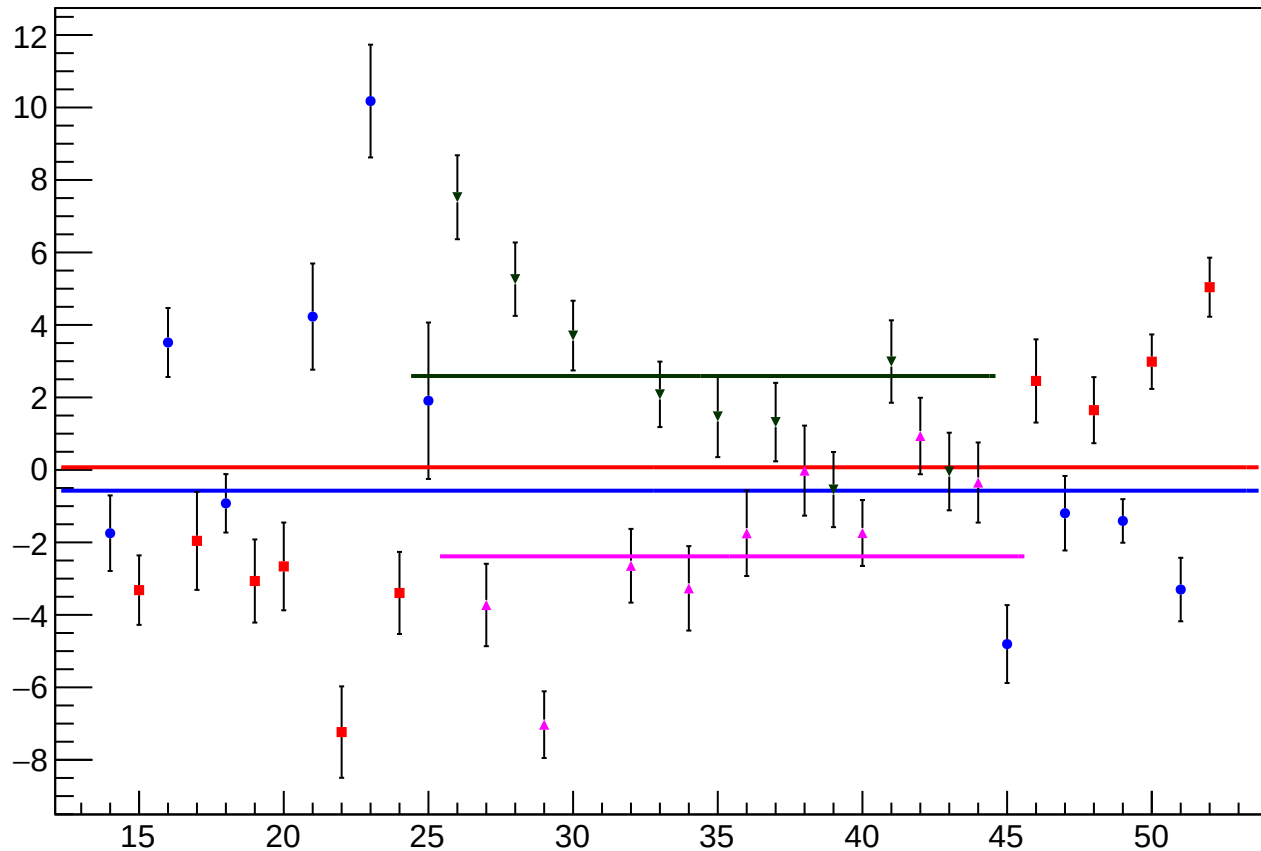
Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF:660.3/8

Right Out: -112.680 $\pm$ 1.818 χ^2 /NDF: 901.1/9

Left In: -115.103 $\pm$ 1.717 χ^2 /NDF:1520.3/8

11.512 $\pm$ 0.886 χ^2 /NDF: 23957.1/37

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -0.573 ± 0.308 χ^2/NDF : 107.2/9

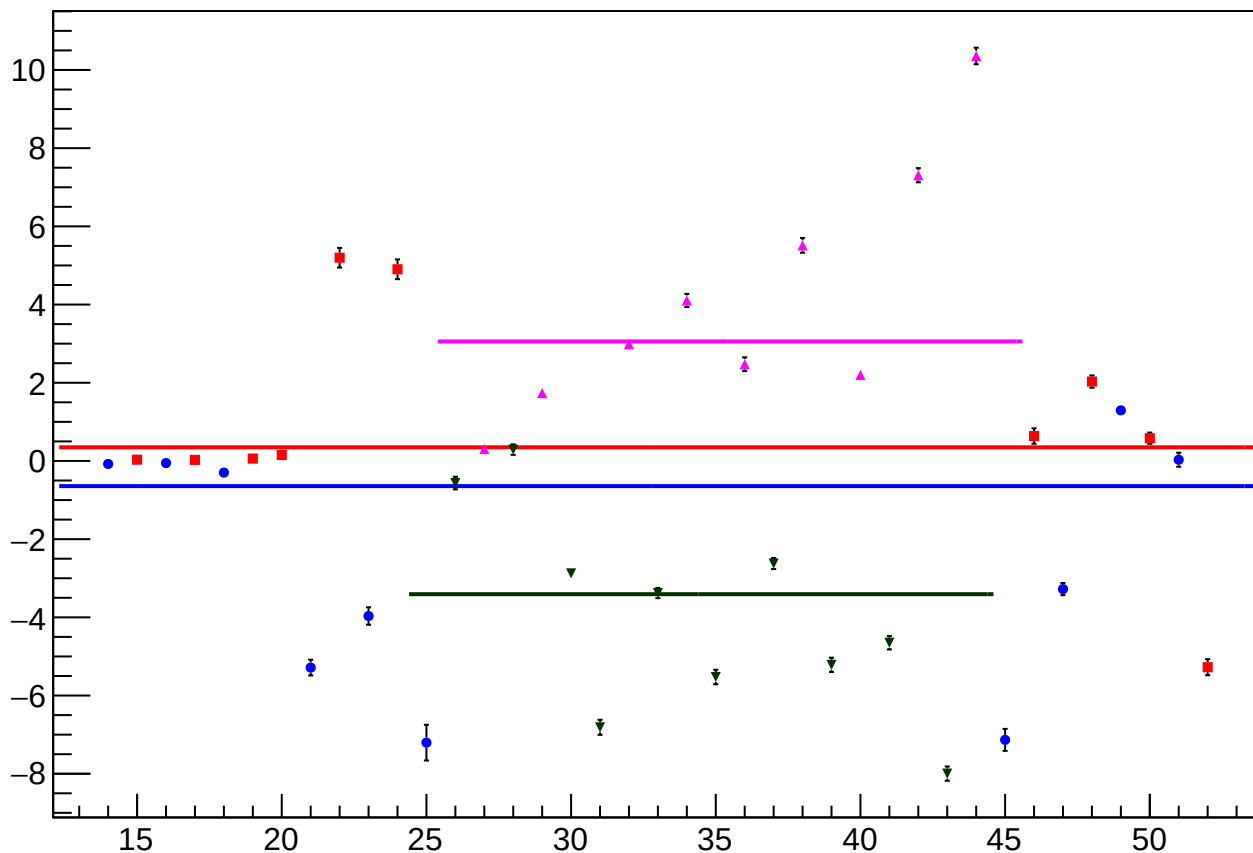
Left Out: 2.591 ± 0.348 χ^2/NDF : 44.4/8

Right Out: 0.072 ± 0.321 χ^2/NDF : 129.8/9

Left In: -2.386 ± 0.355 χ^2/NDF : 45.2/8

-0.081 ± 0.166 χ^2/NDF : 430.5/37

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.643 ± 0.040 χ^2/NDF : 2244.6/9

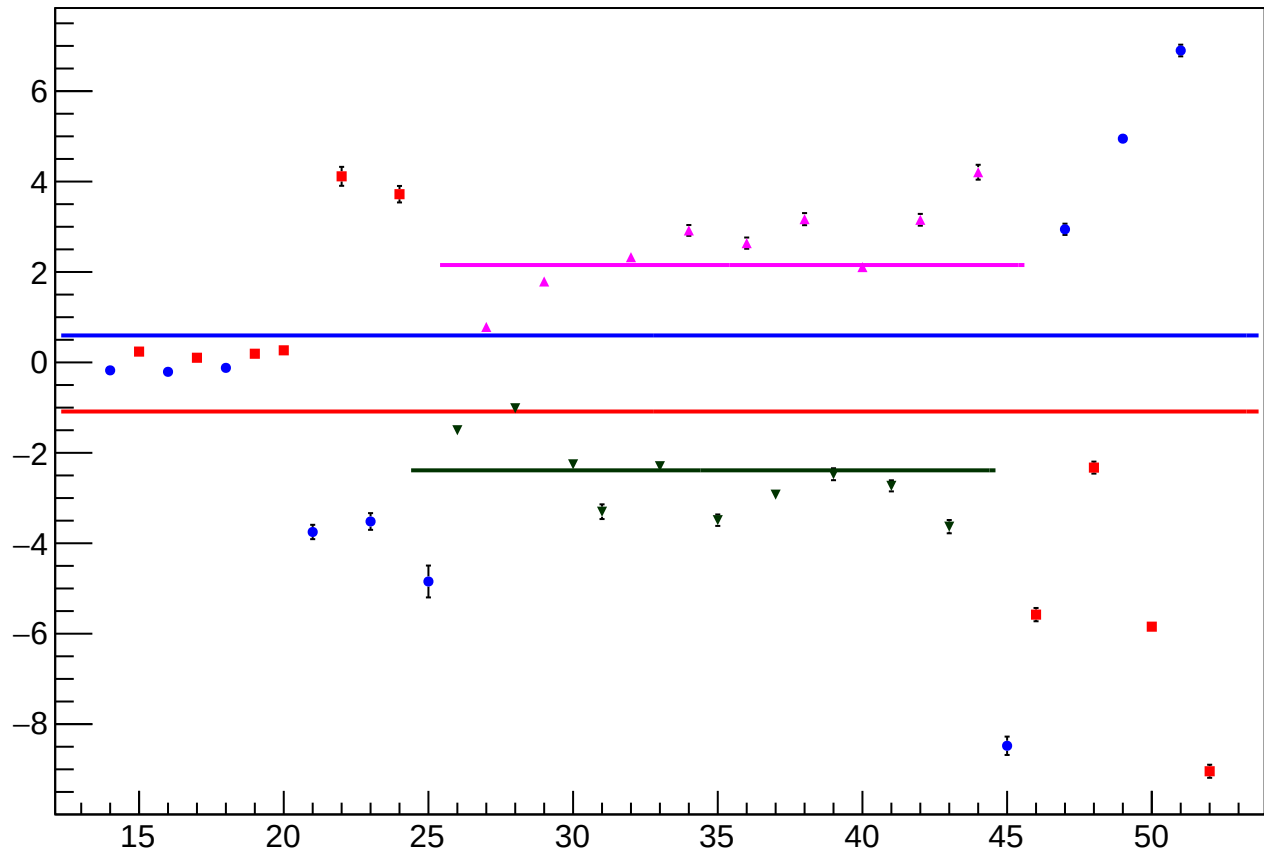
Left Out: -3.408 ± 0.049 χ^2/NDF : 2336.5/9

Right Out: 0.349 ± 0.044 χ^2/NDF : 1591.0/9

Left In: 3.057 ± 0.044 χ^2/NDF : 2696.0/8

-0.021 ± 0.022 χ^2/NDF : 18803.0/38

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 0.596 ± 0.031 $\chi^2/\text{NDF}: 9130.7/9$

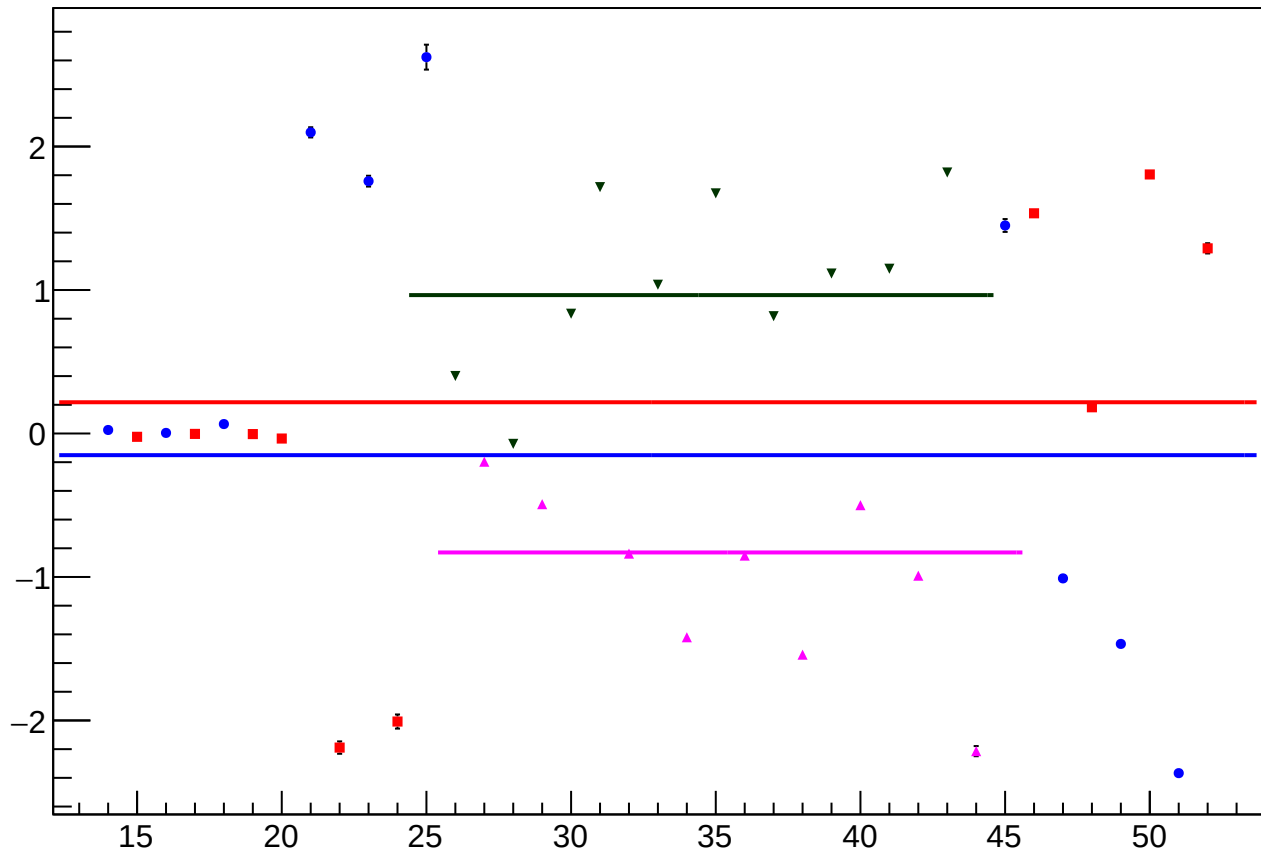
Left Out: -2.387 ± 0.037 $\chi^2/\text{NDF}: 474.3/9$

-0.021 ± 0.017 $\chi^2/\text{NDF}: 28696.0/38$

Right Out: -1.086 ± 0.033 $\chi^2/\text{NDF}: 8318.9/9$

Left In: 2.154 ± 0.032 $\chi^2/\text{NDF}: 703.0/8$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.151+/-0.008 χ^2/NDF : 18671.3/9

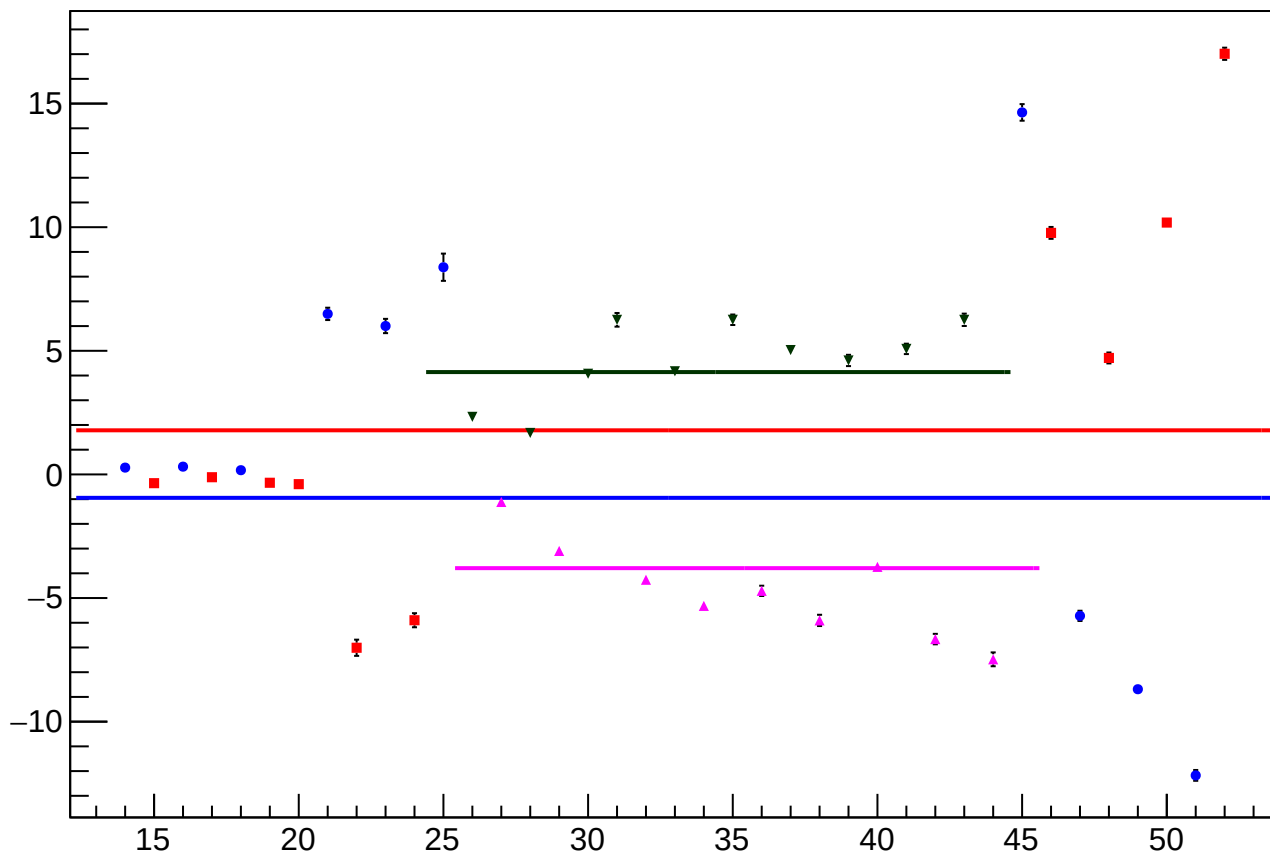
Left Out: 0.965+/-0.008 χ^2/NDF : 4725.8/9

Right Out: 0.218+/-0.008 χ^2/NDF : 11890.8/9

Left In: -0.829+/-0.007 χ^2/NDF : 3974.8/8

0.013+/-0.004 χ^2/NDF : 67368.7/38

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -0.947 ± 0.049 $\chi^2/\text{NDF}: 10388.6/9$

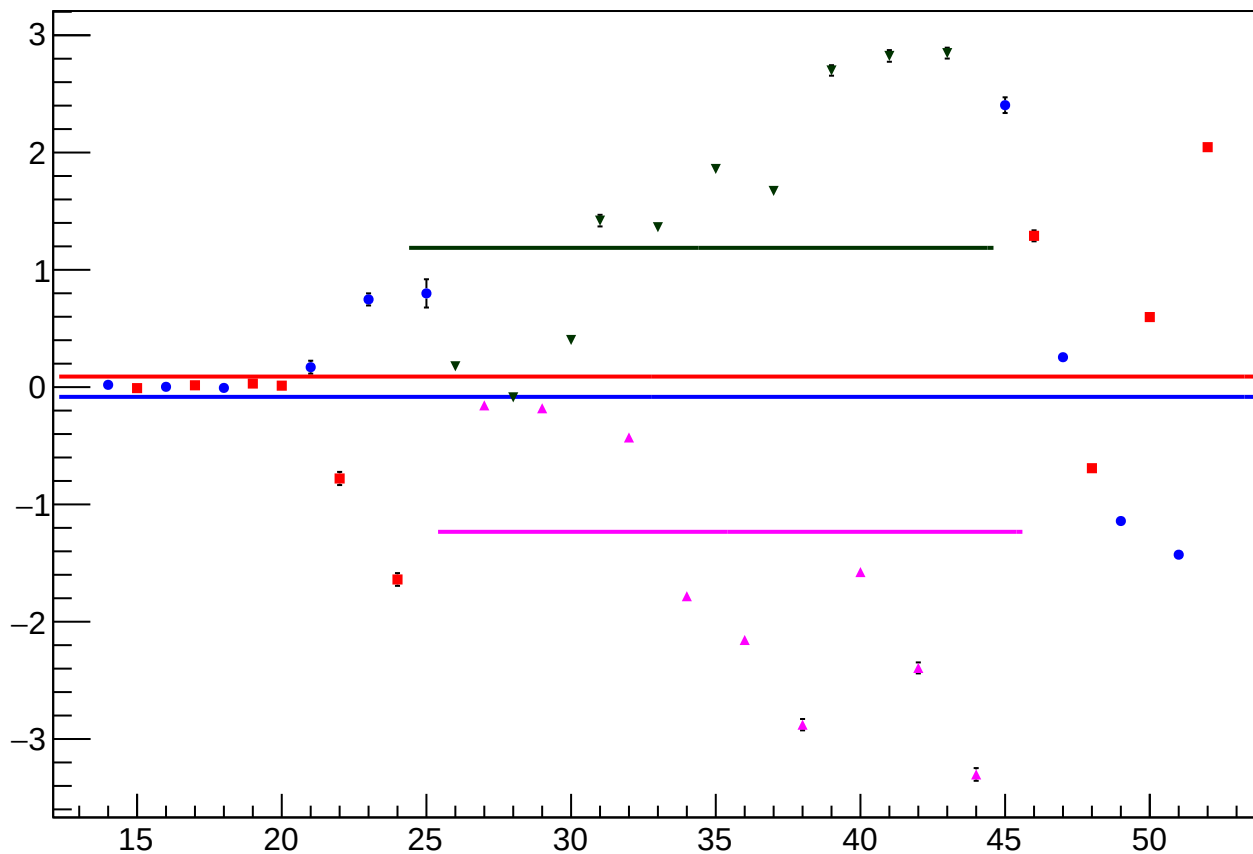
Left Out: 4.140 ± 0.061 $\chi^2/\text{NDF}: 645.5/9$

0.040 ± 0.027 $\chi^2/\text{NDF}: 33149.0/38$

Right Out: 1.784 ± 0.052 $\chi^2/\text{NDF}: 9854.0/9$

Left In: -3.791 ± 0.054 $\chi^2/\text{NDF}: 1110.1/8$

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.083 ± 0.008 $\chi^2/\text{NDF}: 4353.5/9$

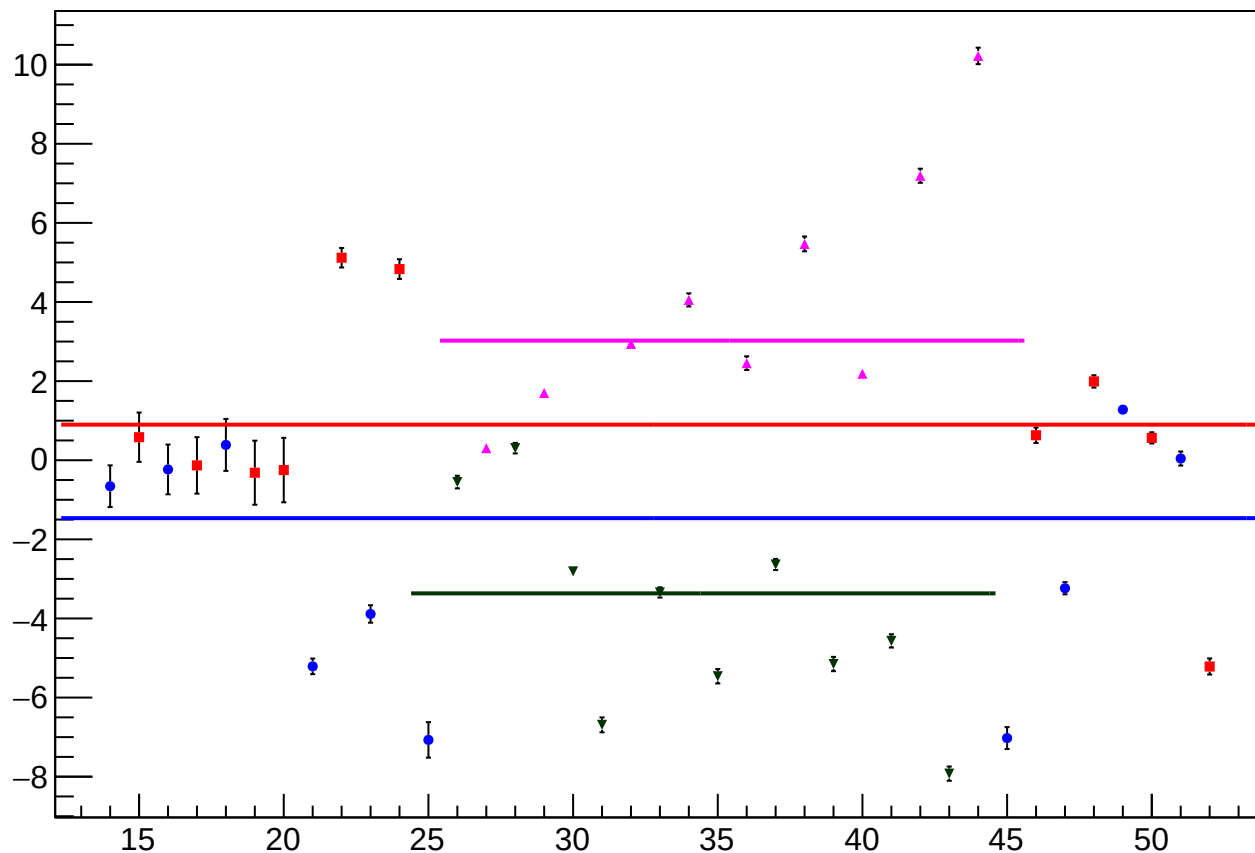
Left Out: 1.187 ± 0.011 $\chi^2/\text{NDF}: 8226.8/9$

Right Out: 0.090 ± 0.009 $\chi^2/\text{NDF}: 4736.1/9$

Left In: -1.234 ± 0.011 $\chi^2/\text{NDF}: 7863.3/8$

0.010 ± 0.005 $\chi^2/\text{NDF}: 49982.1/38$

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -1.465+/-0.064 χ^2/NDF : 1974.3/9

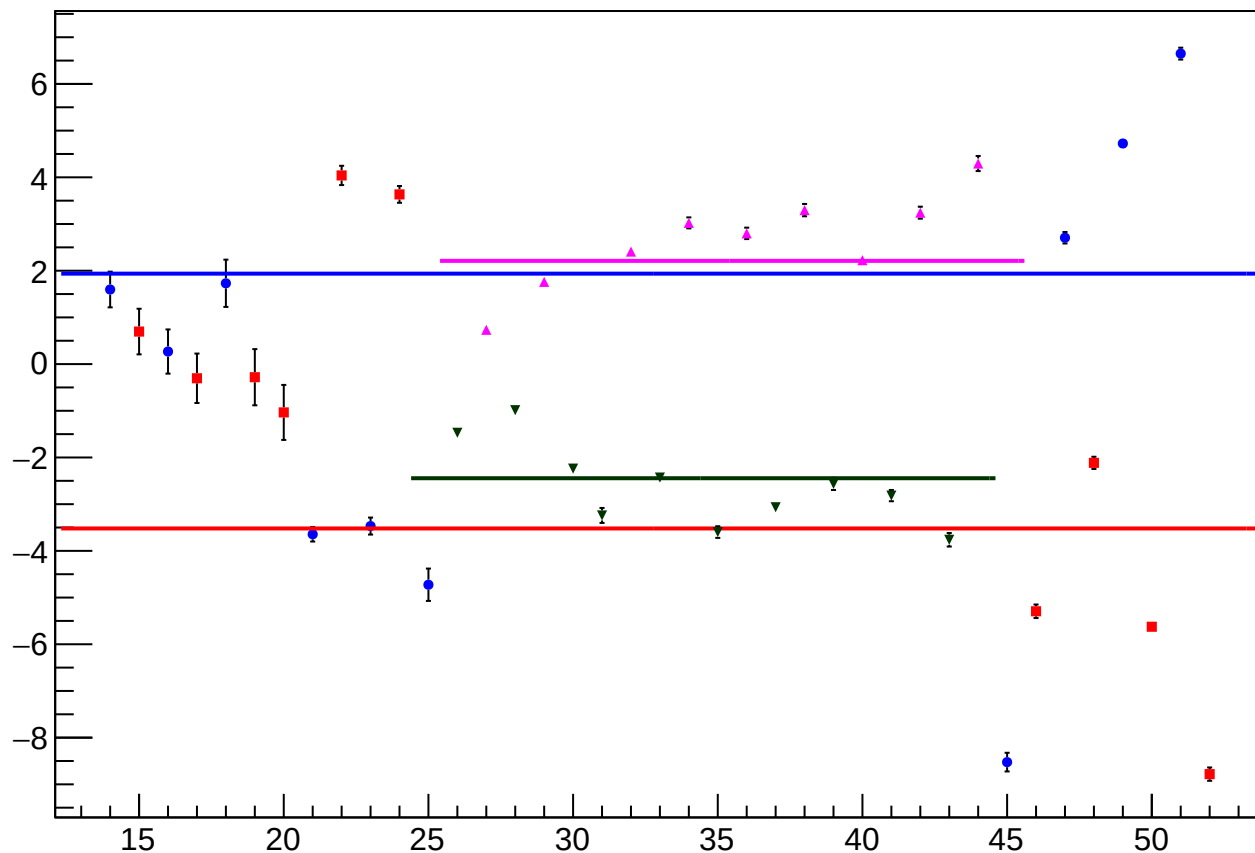
Left Out: -3.366+/-0.049 χ^2/NDF : 2347.4/9

Right Out: 0.899+/-0.074 χ^2/NDF : 1507.4/9

Left In: 3.023+/-0.043 χ^2/NDF : 2701.7/8

-0.011+/-0.027 χ^2/NDF : 18839.8/38

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 1.937 ± 0.051 $\chi^2/\text{NDF}: 7741.6/9$

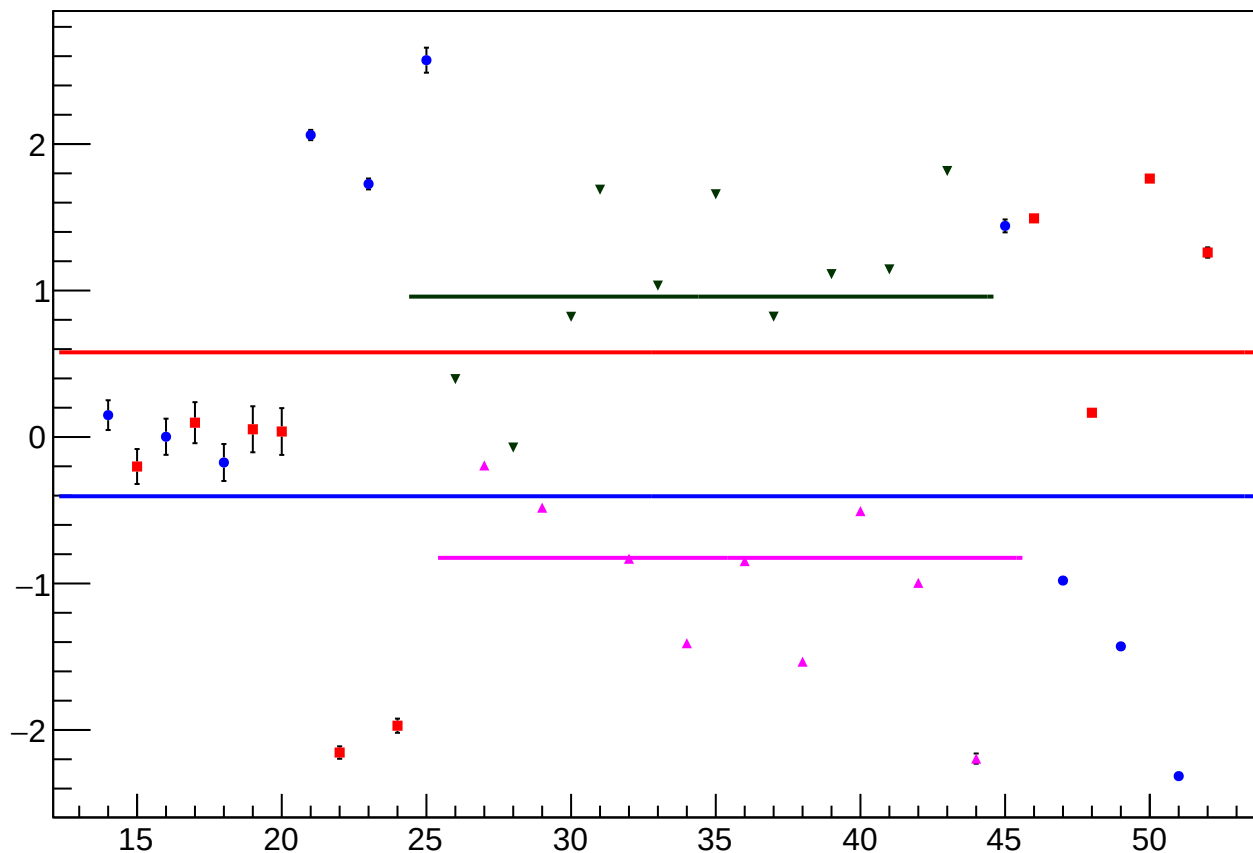
Left Out: -2.444 ± 0.036 $\chi^2/\text{NDF}: 547.3/9$

Right Out: -3.520 ± 0.057 $\chi^2/\text{NDF}: 5097.1/9$

Left In: 2.211 ± 0.032 $\chi^2/\text{NDF}: 822.7/8$

-0.024 ± 0.020 $\chi^2/\text{NDF}: 28785.3/38$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.404 ± 0.012 χ^2/NDF : 17651.7/9

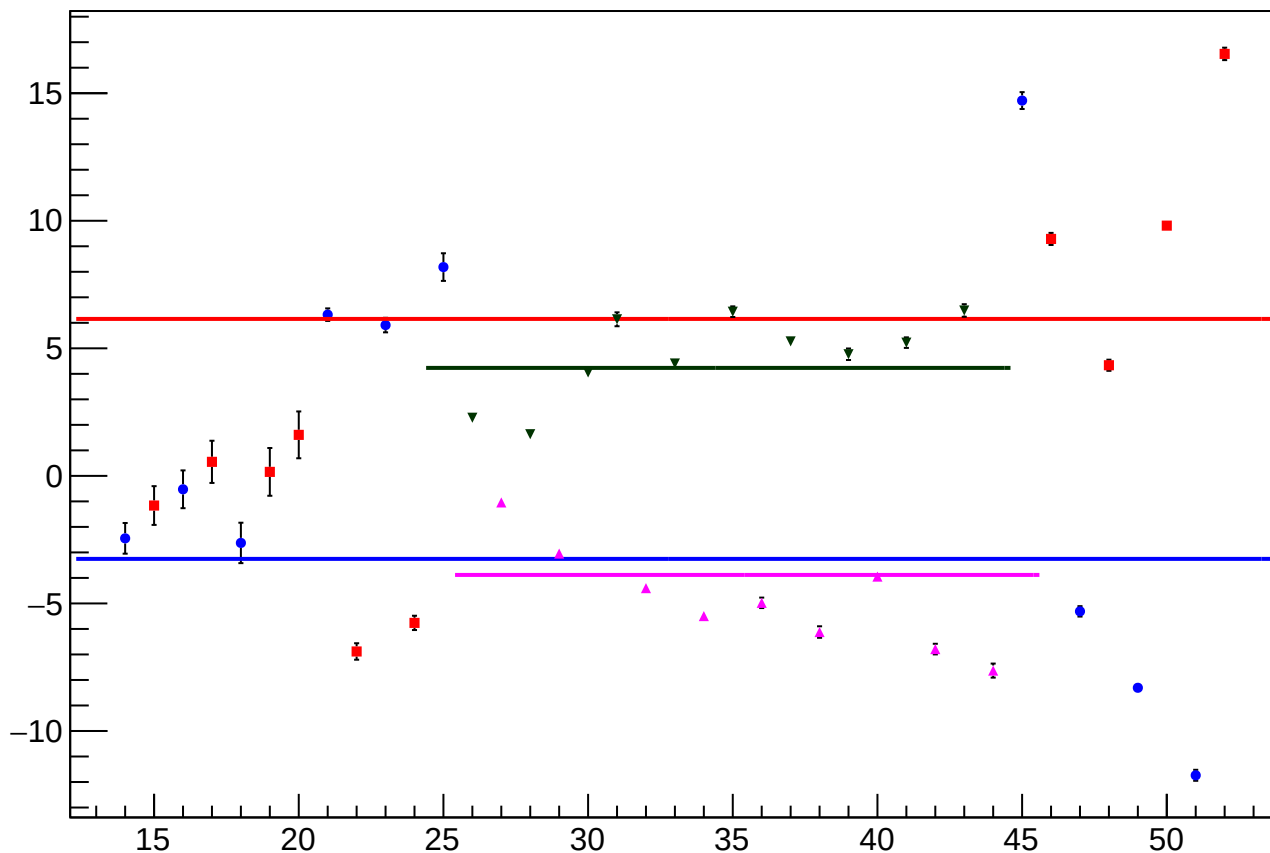
Left Out: 0.958 ± 0.008 χ^2/NDF : 4774.0/9

Right Out: 0.578 ± 0.013 χ^2/NDF : 10460.2/9

Left In: -0.825 ± 0.007 χ^2/NDF : 4028.8/8

0.015 ± 0.005 χ^2/NDF : 67430.5/38

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -3.254 ± 0.084 $\chi^2/\text{NDF}: 8885.4/9$

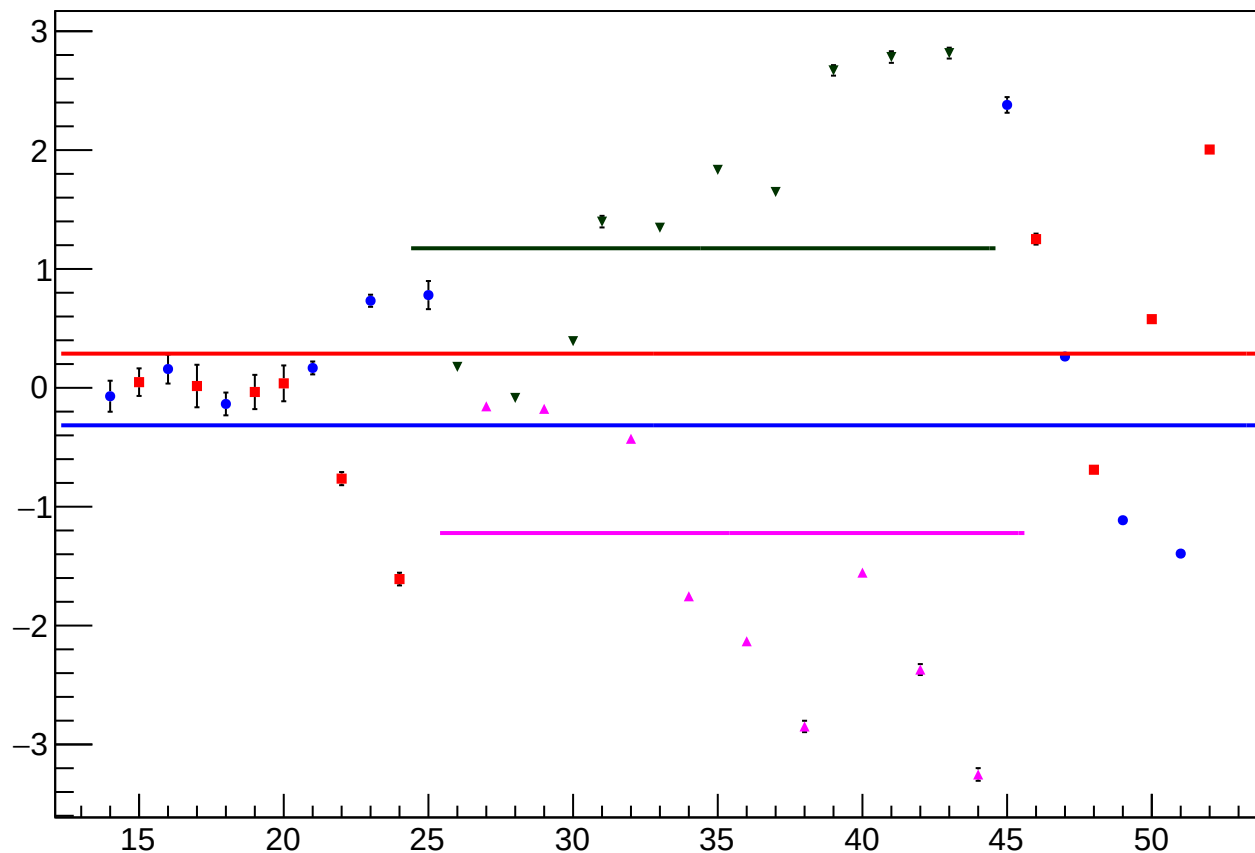
Left Out: 4.233 ± 0.060 $\chi^2/\text{NDF}: 734.7/9$

Right Out: 6.153 ± 0.093 $\chi^2/\text{NDF}: 6132.6/9$

Left In: -3.882 ± 0.053 $\chi^2/\text{NDF}: 1264.0/8$

0.048 ± 0.033 $\chi^2/\text{NDF}: 33239.9/38$

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.315 ± 0.016 $\chi^2/\text{NDF}: 4029.2/9$

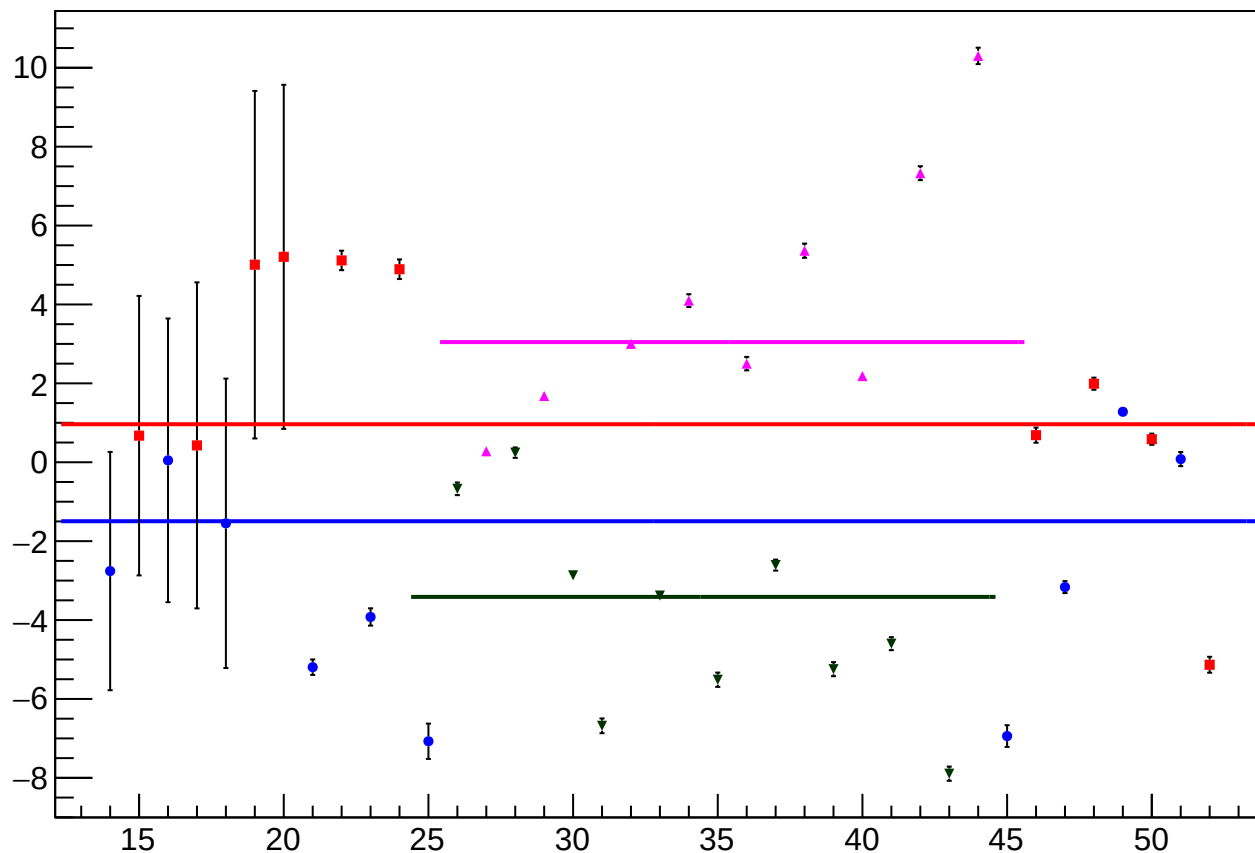
Left Out: 1.174 ± 0.011 $\chi^2/\text{NDF}: 8236.9/9$

Right Out: 0.288 ± 0.017 $\chi^2/\text{NDF}: 4467.3/9$

Left In: -1.222 ± 0.011 $\chi^2/\text{NDF}: 7856.5/8$

0.012 ± 0.006 $\chi^2/\text{NDF}: 50008.8/38$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -1.495 ± 0.065 $\chi^2/\text{NDF}: 1970.5/9$

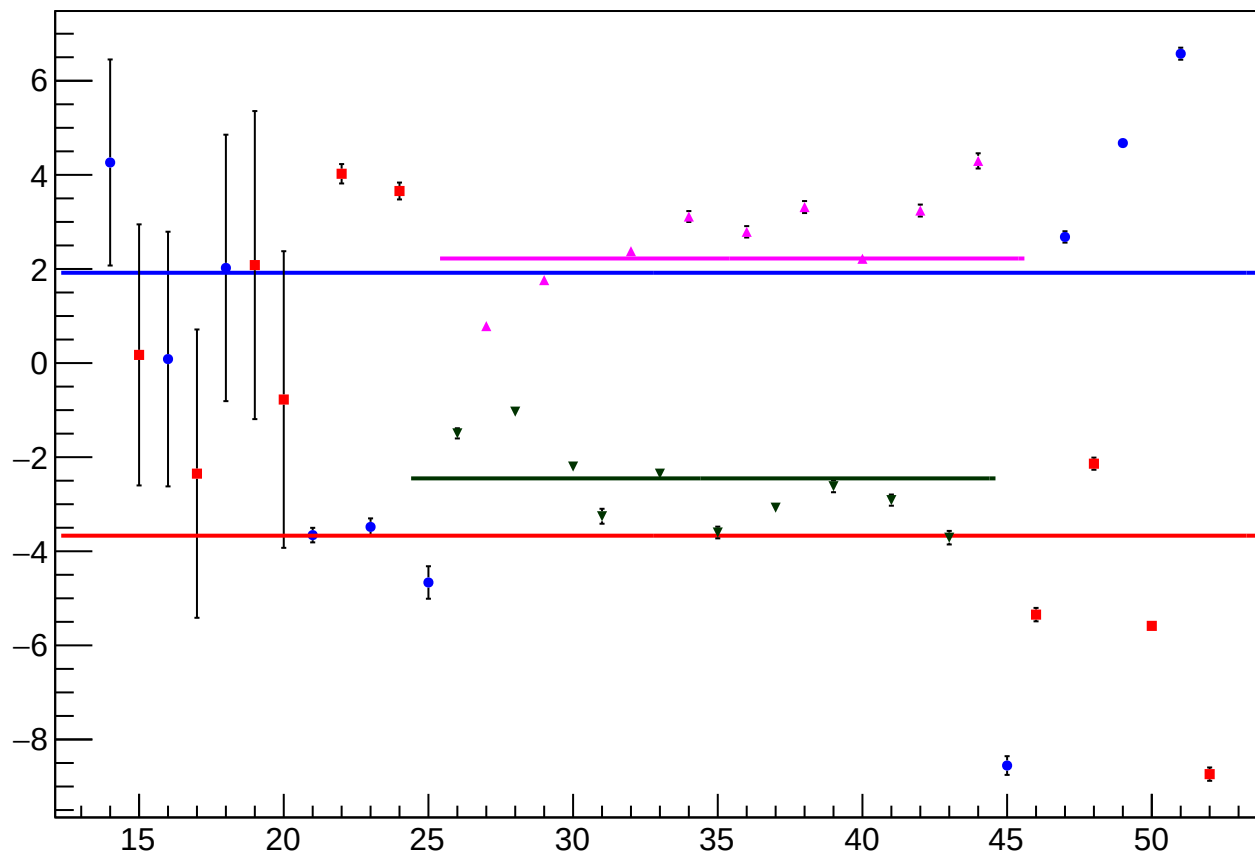
Left Out: -3.413 ± 0.048 $\chi^2/\text{NDF}: 2330.4/9$

Right Out: 0.964 ± 0.075 $\chi^2/\text{NDF}: 1501.2/9$

Left In: 3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.6/8$

-0.001 ± 0.027 $\chi^2/\text{NDF}: 19390.6/38$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 1.919+/-0.052 χ^2/NDF : 7740.4/9

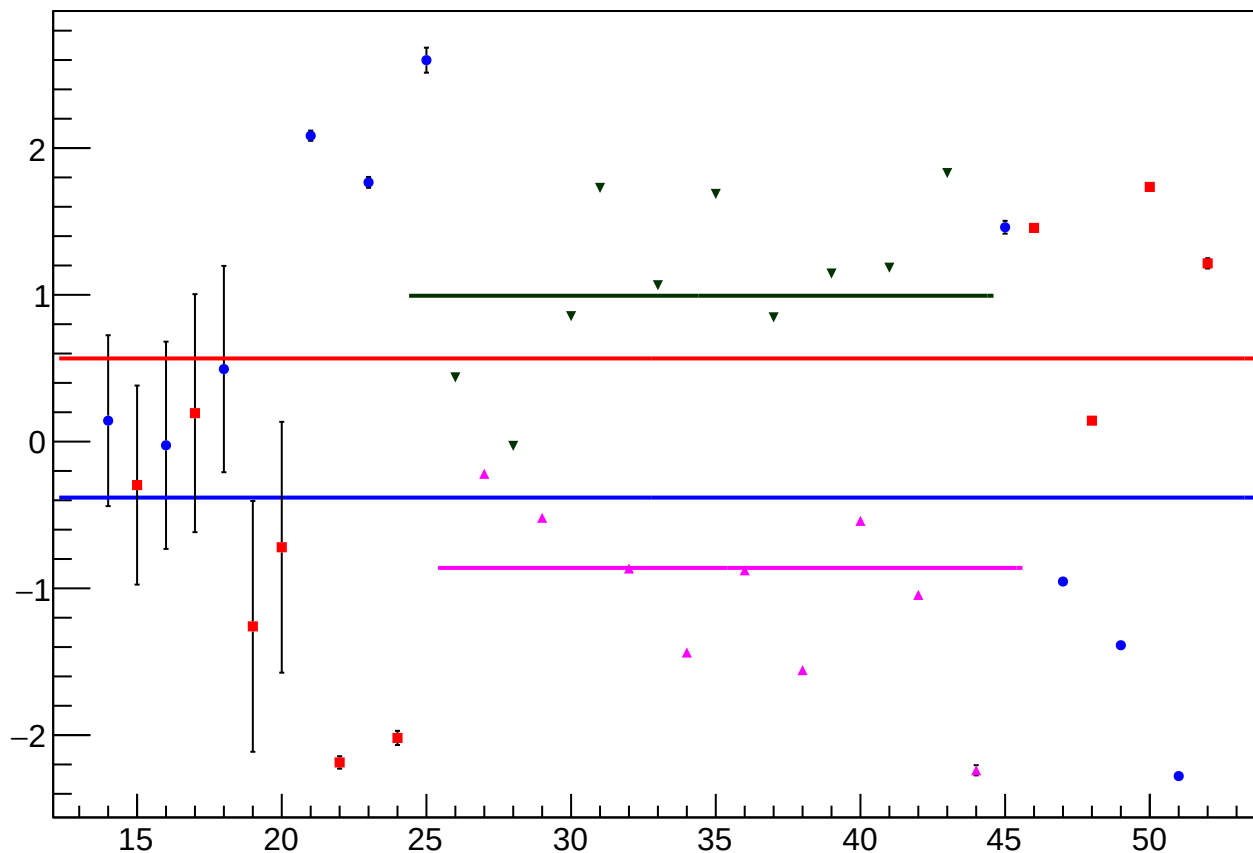
Left Out: -2.451+/-0.036 χ^2/NDF : 538.5/9

Right Out: -3.669+/-0.058 χ^2/NDF : 4949.4/9

Left In: 2.223+/-0.032 χ^2/NDF : 822.3/8

-0.027+/-0.020 χ^2/NDF : 29064.8/38

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.382 ± 0.012 $\chi^2/\text{NDF}: 17668.4/9$

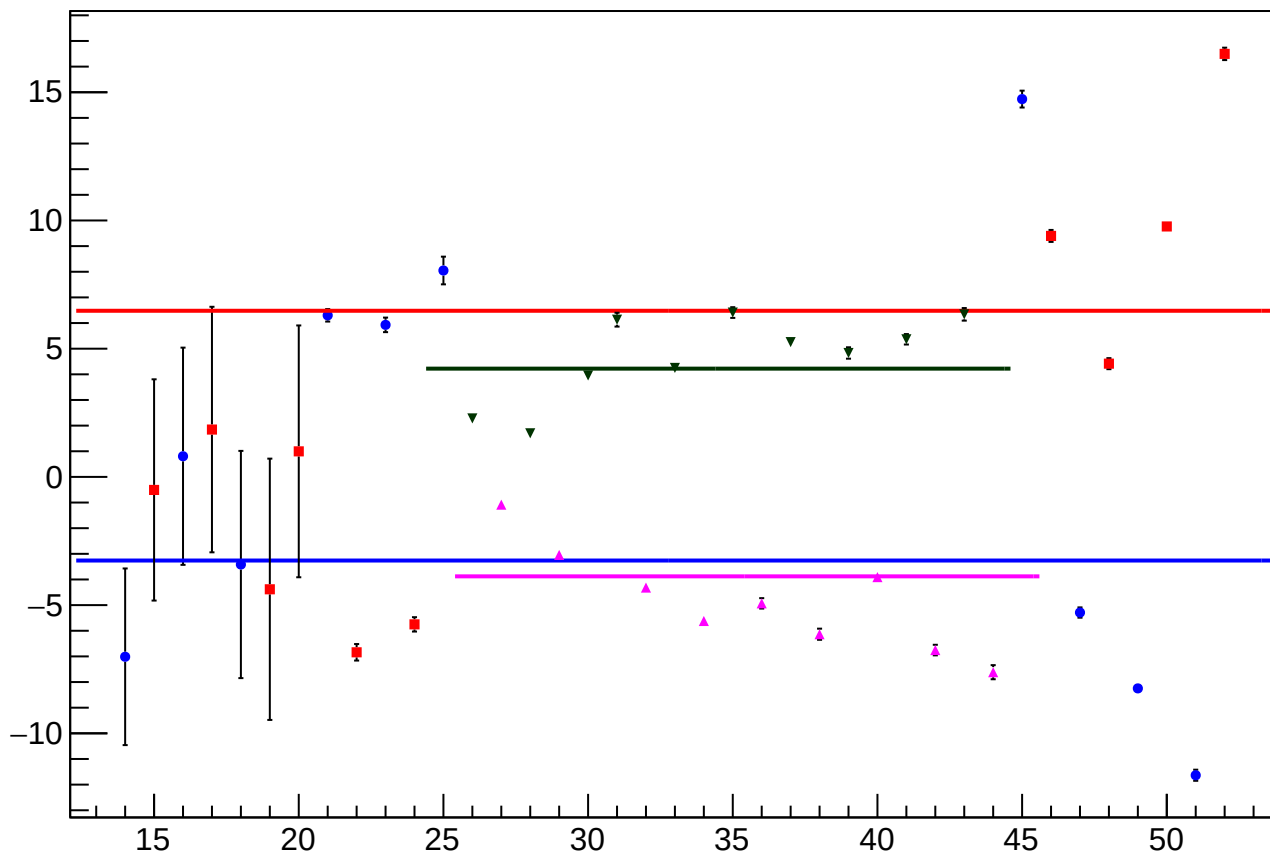
Left Out: 0.994 ± 0.008 $\chi^2/\text{NDF}: 4757.6/9$

Right Out: 0.567 ± 0.013 $\chi^2/\text{NDF}: 10458.9/9$

Left In: -0.861 ± 0.007 $\chi^2/\text{NDF}: 4134.7/8$

0.012 ± 0.005 $\chi^2/\text{NDF}: 70219.1/38$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -3.261 ± 0.085 $\chi^2/\text{NDF}: 8881.4/9$

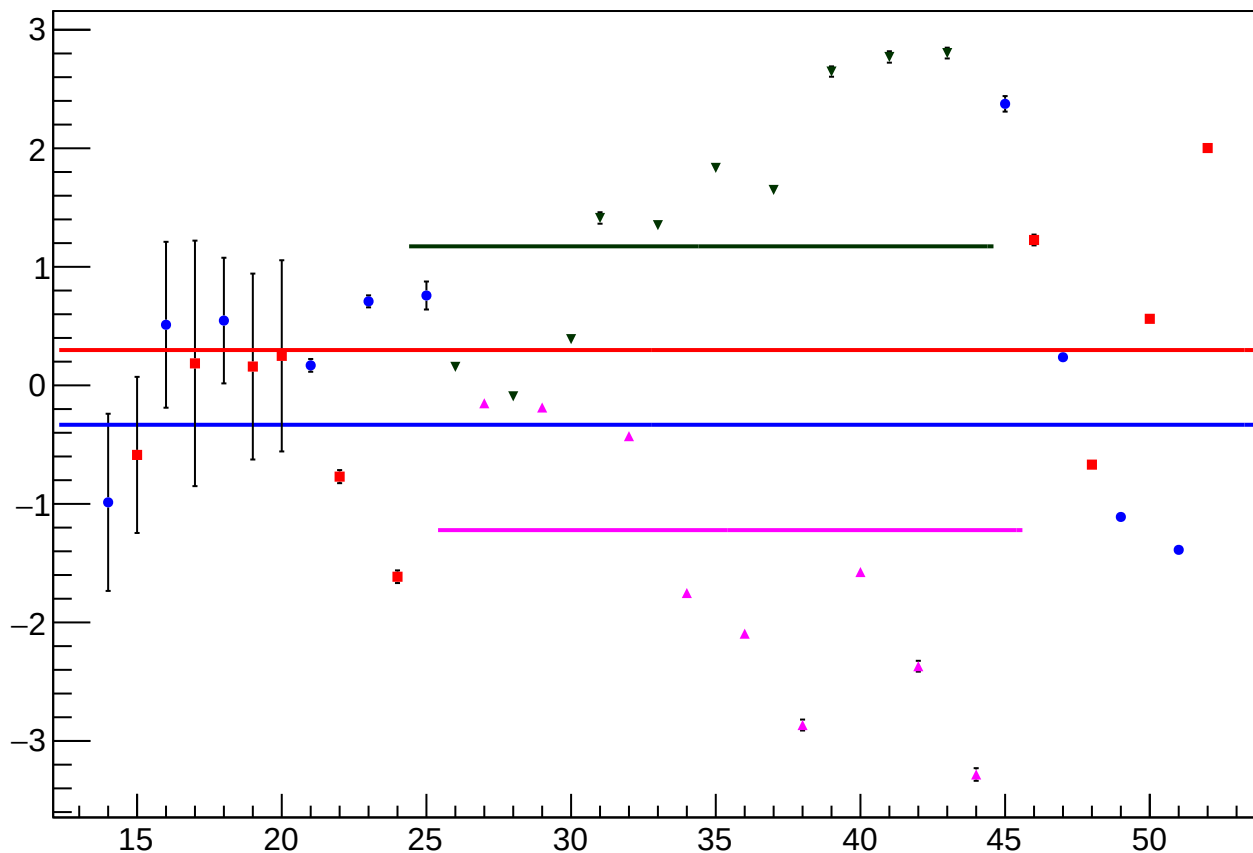
Left Out: 4.222 ± 0.059 $\chi^2/\text{NDF}: 718.8/9$

Right Out: 6.479 ± 0.095 $\chi^2/\text{NDF}: 5939.7/9$

Left In: -3.878 ± 0.052 $\chi^2/\text{NDF}: 1271.0/8$

0.055 ± 0.033 $\chi^2/\text{NDF}: 33500.3/38$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.333 ± 0.017 χ^2/NDF : 3985.7/9

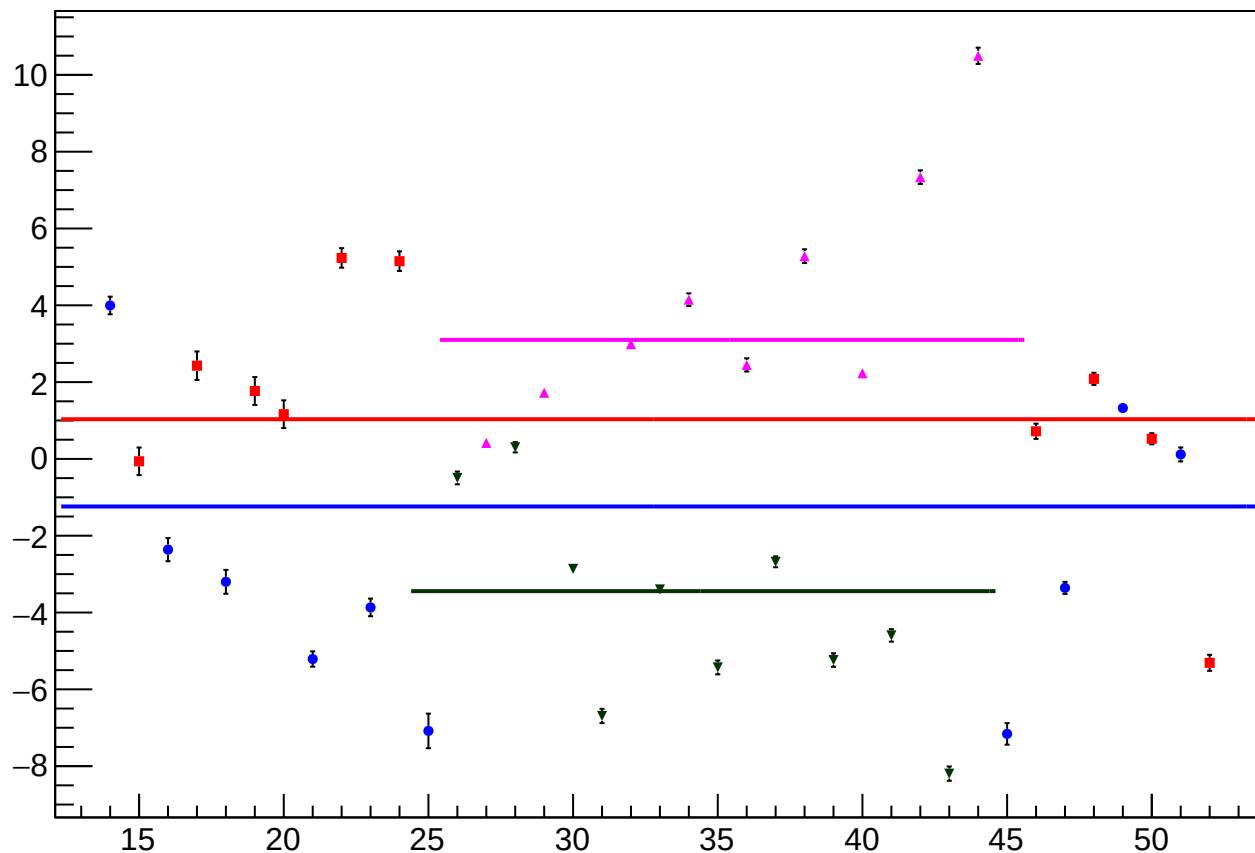
Left Out: 1.173 ± 0.010 χ^2/NDF : 8374.7/9

Right Out: 0.298 ± 0.017 χ^2/NDF : 4466.6/9

Left In: -1.221 ± 0.011 χ^2/NDF : 8099.0/8

0.009 ± 0.006 χ^2/NDF : 50843.5/38

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -1.238+/-0.062 χ^2/NDF : 2542.1/9

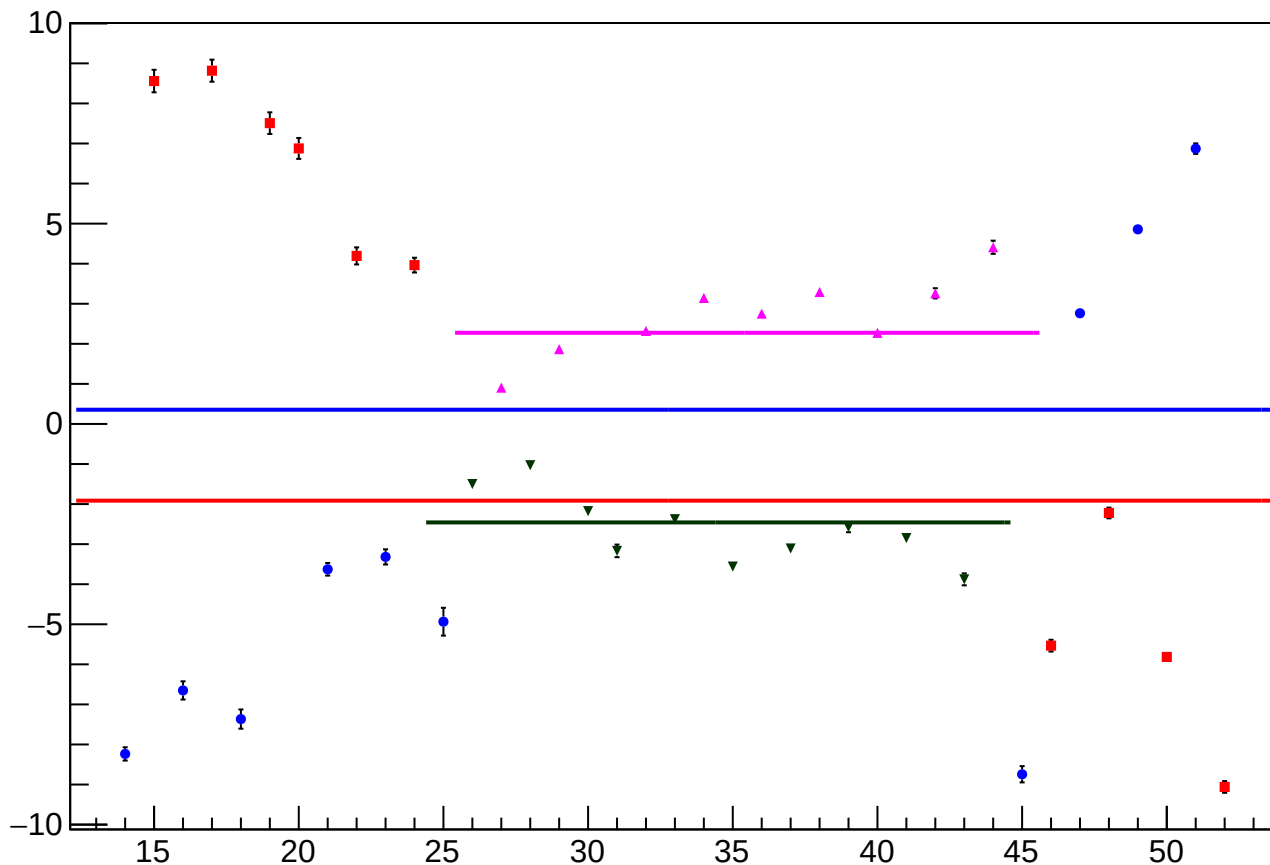
Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

Right Out: 1.033+/-0.071 χ^2/NDF : 1538.0/9

Left In: 3.099+/-0.043 χ^2/NDF : 2713.8/8

0.053+/-0.027 χ^2/NDF : 19887.9/38

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 0.355+/-0.049 χ^2/NDF : 13343.9/9

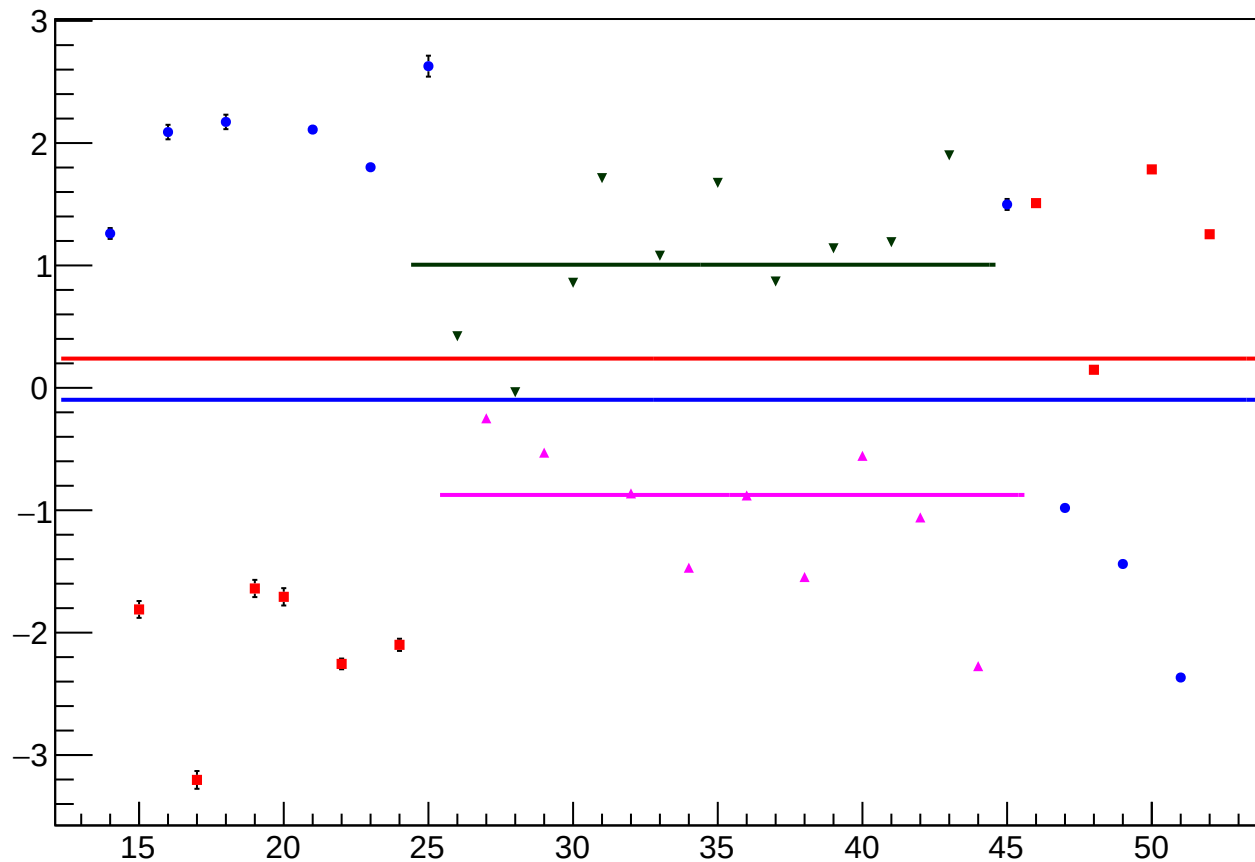
Left Out: -2.458+/-0.036 χ^2/NDF : 528.1/9

Right Out: -1.915+/-0.054 χ^2/NDF : 11354.9/9

Left In: 2.276+/-0.032 χ^2/NDF : 728.7/8

-0.054+/-0.020 χ^2/NDF : 36853.8/38

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -0.098 ± 0.011 χ^2/NDF : 22005.9/9

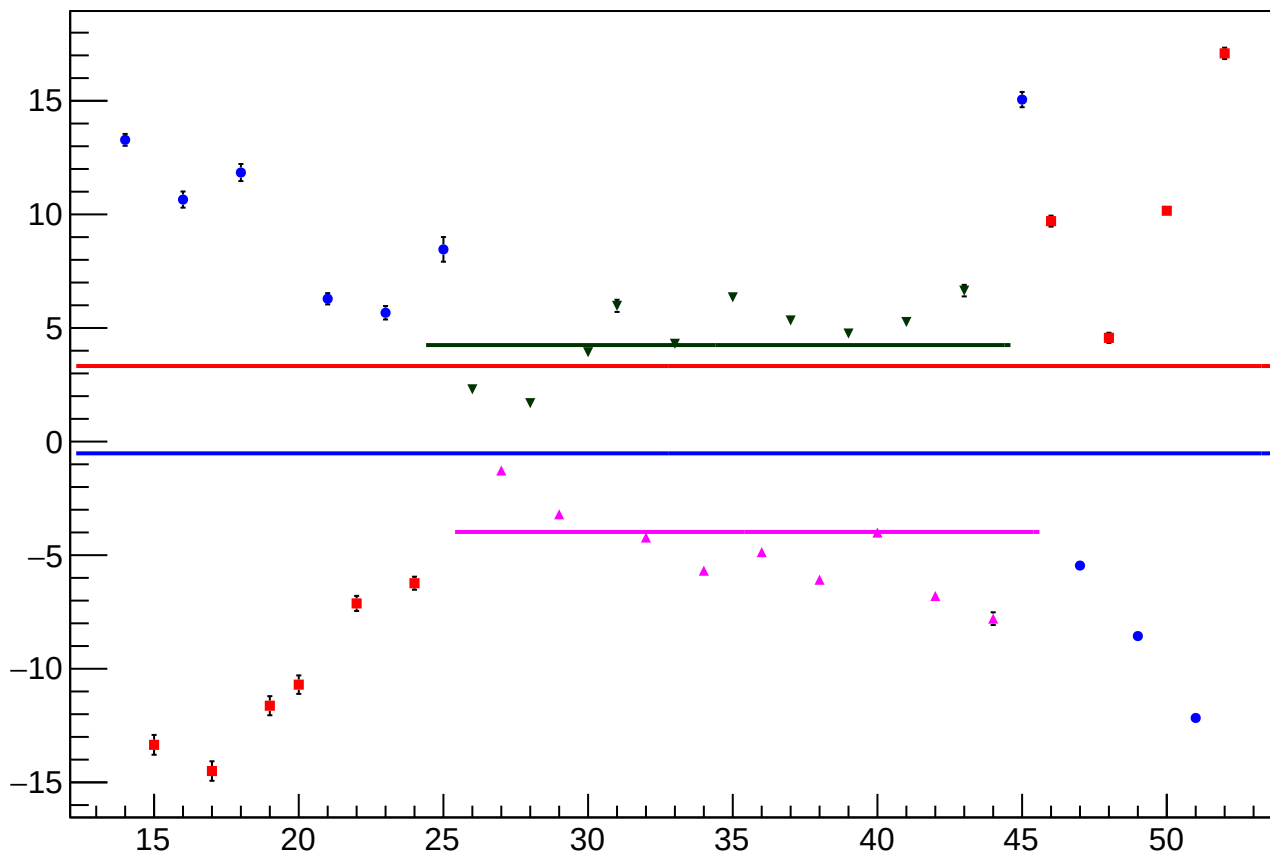
Left Out: 1.006 ± 0.008 χ^2/NDF : 4706.2/9

Right Out: 0.239 ± 0.013 χ^2/NDF : 15751.1/9

Left In: -0.875 ± 0.007 χ^2/NDF : 3999.8/8

0.013 ± 0.005 χ^2/NDF : 77452.5/38

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -0.518 ± 0.079 $\chi^2/\text{NDF}: 14817.5/9$

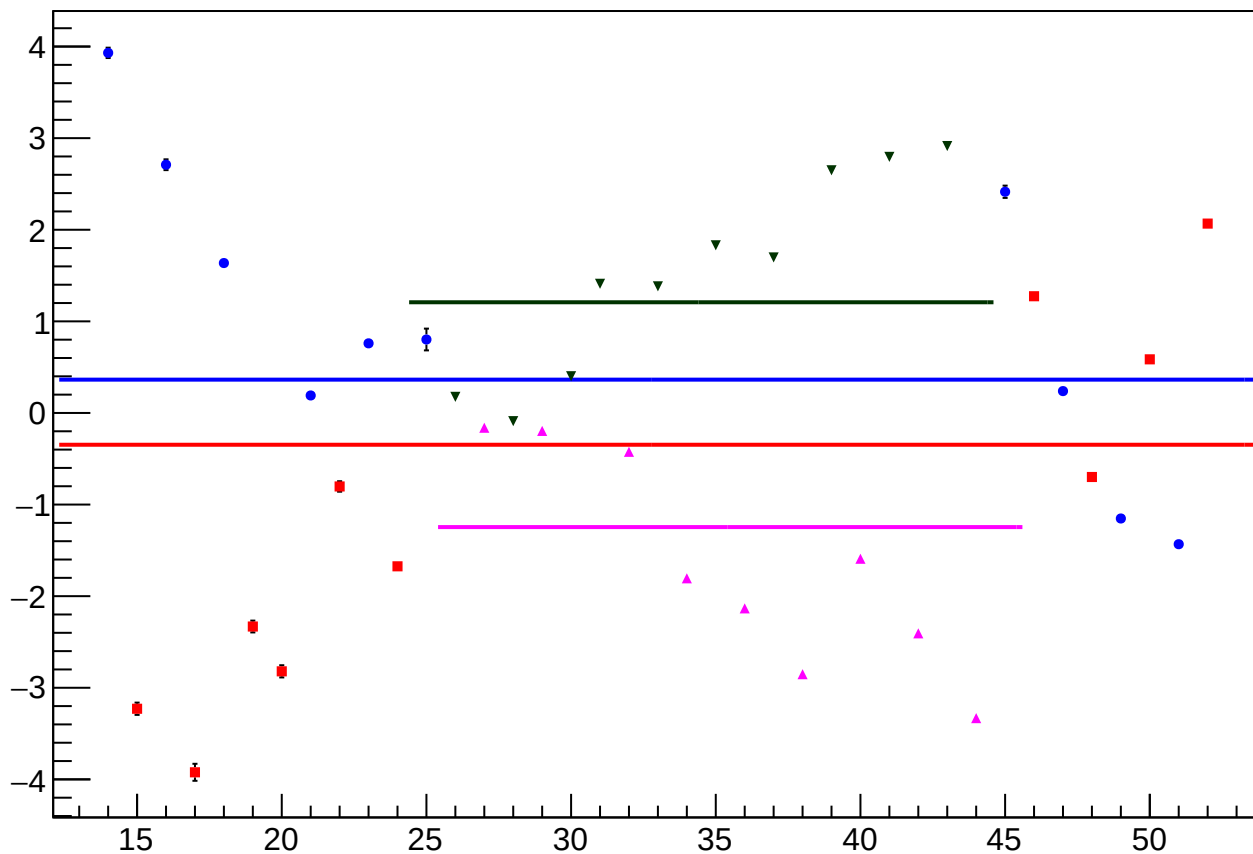
Left Out: 4.248 ± 0.060 $\chi^2/\text{NDF}: 701.0/9$

0.107 ± 0.033 $\chi^2/\text{NDF}: 41612.6/38$

Right Out: 3.326 ± 0.089 $\chi^2/\text{NDF}: 12906.6/9$

Left In: -3.978 ± 0.053 $\chi^2/\text{NDF}: 1142.7/8$

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 0.364 $\pm$ 0.015 χ^2 /NDF: 12094.6/9

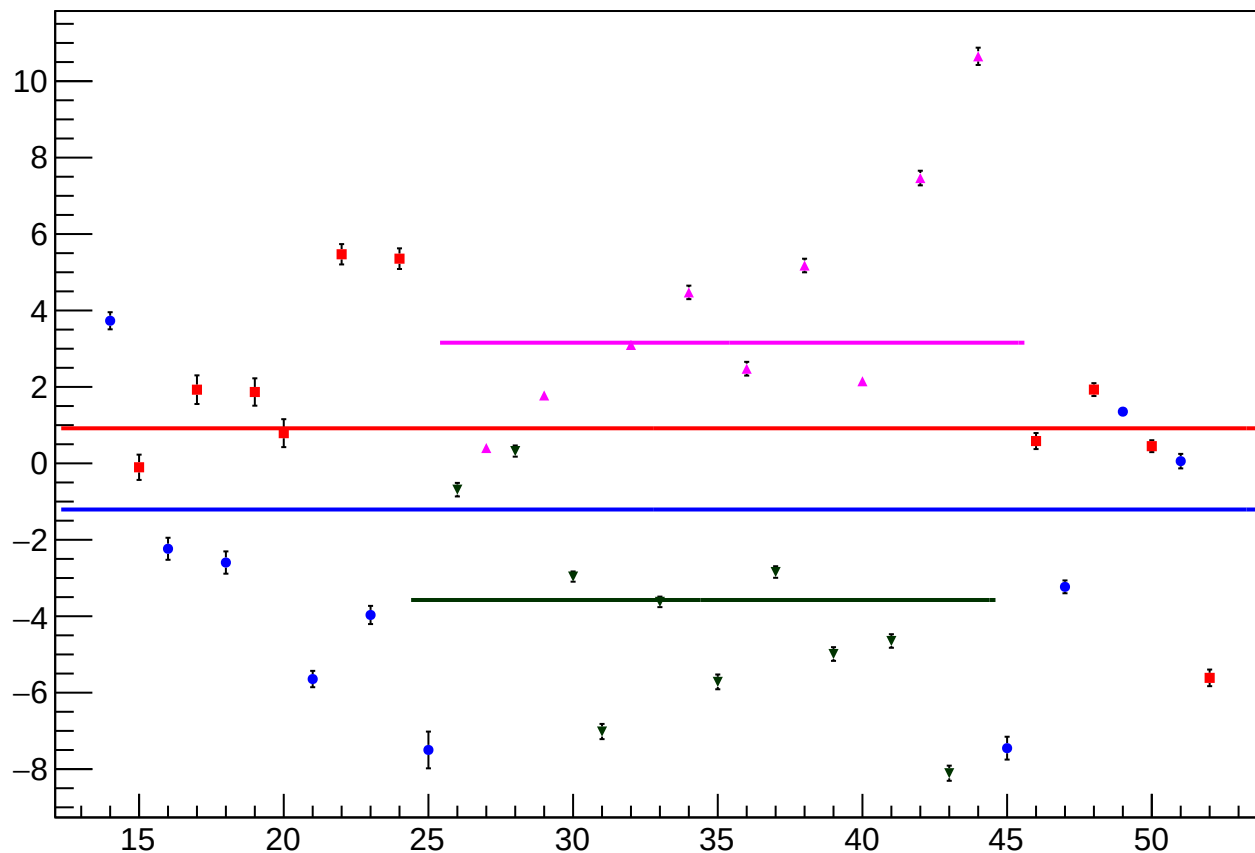
Left Out: 1.208 $\pm$ 0.011 χ^2 /NDF: 8311.9/9

0.028 $\pm$ 0.006 χ^2 /NDF: 66931.7/38

Right Out: -0.347 $\pm$ 0.016 χ^2 /NDF: 11525.0/9

Left In: -1.246 $\pm$ 0.011 χ^2 /NDF: 8116.3/8

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -1.208+/-0.064 χ^2/NDF : 2419.6/9

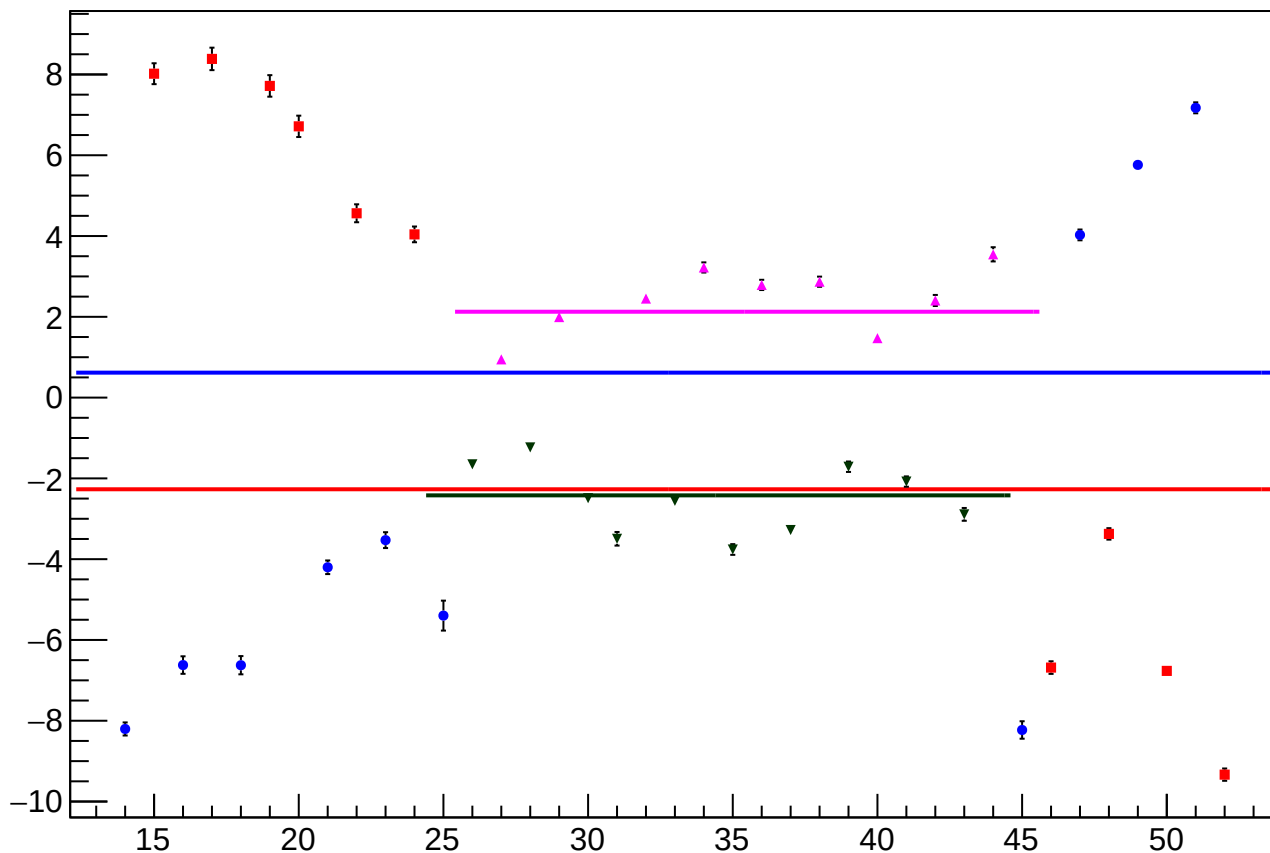
Left Out: -3.575+/-0.052 χ^2/NDF : 2062.7/9

Right Out: 0.917+/-0.075 χ^2/NDF : 1537.0/9

Left In: 3.157+/-0.046 χ^2/NDF : 2491.7/8

0.027+/-0.028 χ^2/NDF : 18459.6/38

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 0.618 ± 0.050 $\chi^2/\text{NDF}: 14359.1/9$

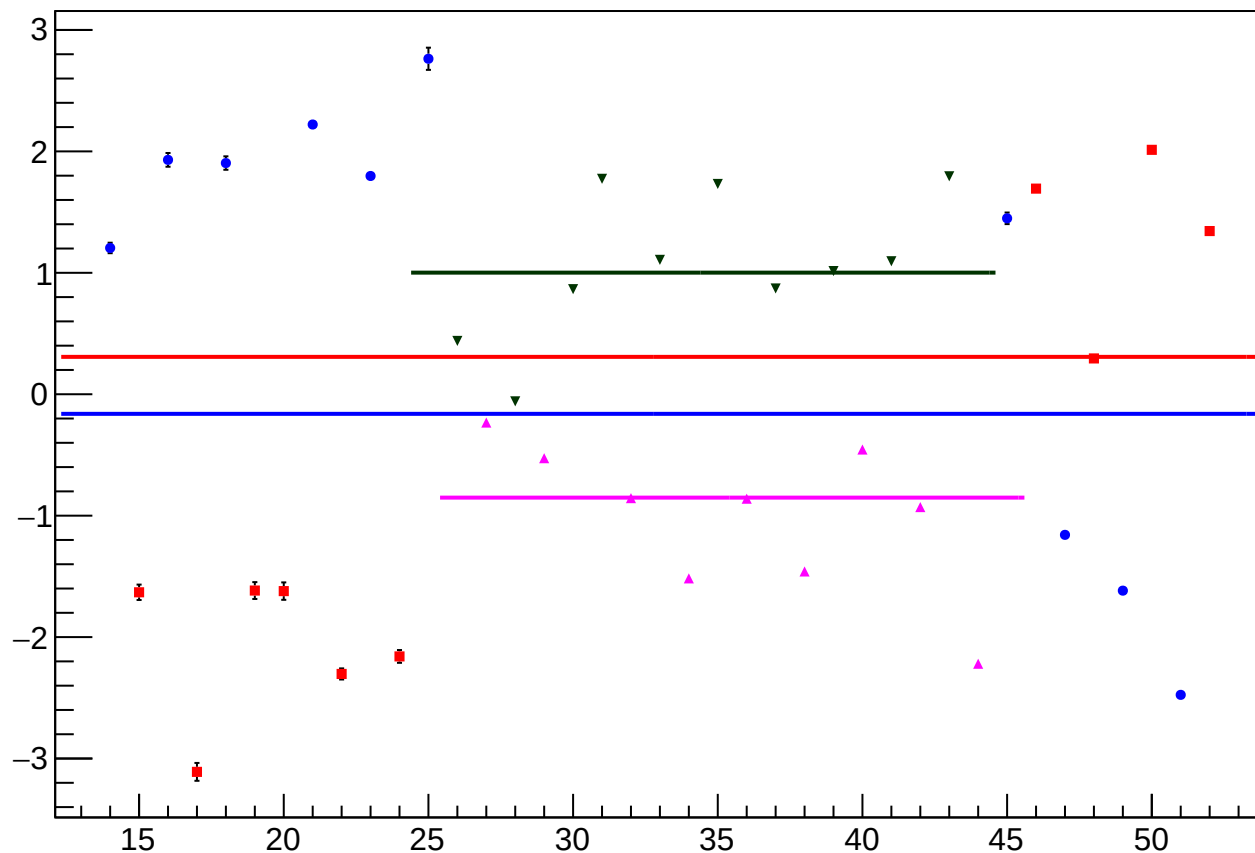
Left Out: -2.420 ± 0.039 $\chi^2/\text{NDF}: 411.6/9$

-0.096 ± 0.021 $\chi^2/\text{NDF}: 36901.8/38$

Right Out: -2.270 ± 0.057 $\chi^2/\text{NDF}: 12071.0/9$

Left In: 2.126 ± 0.034 $\chi^2/\text{NDF}: 510.2/8$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -0.161 ± 0.012 $\chi^2/\text{NDF}: 22133.9/9$

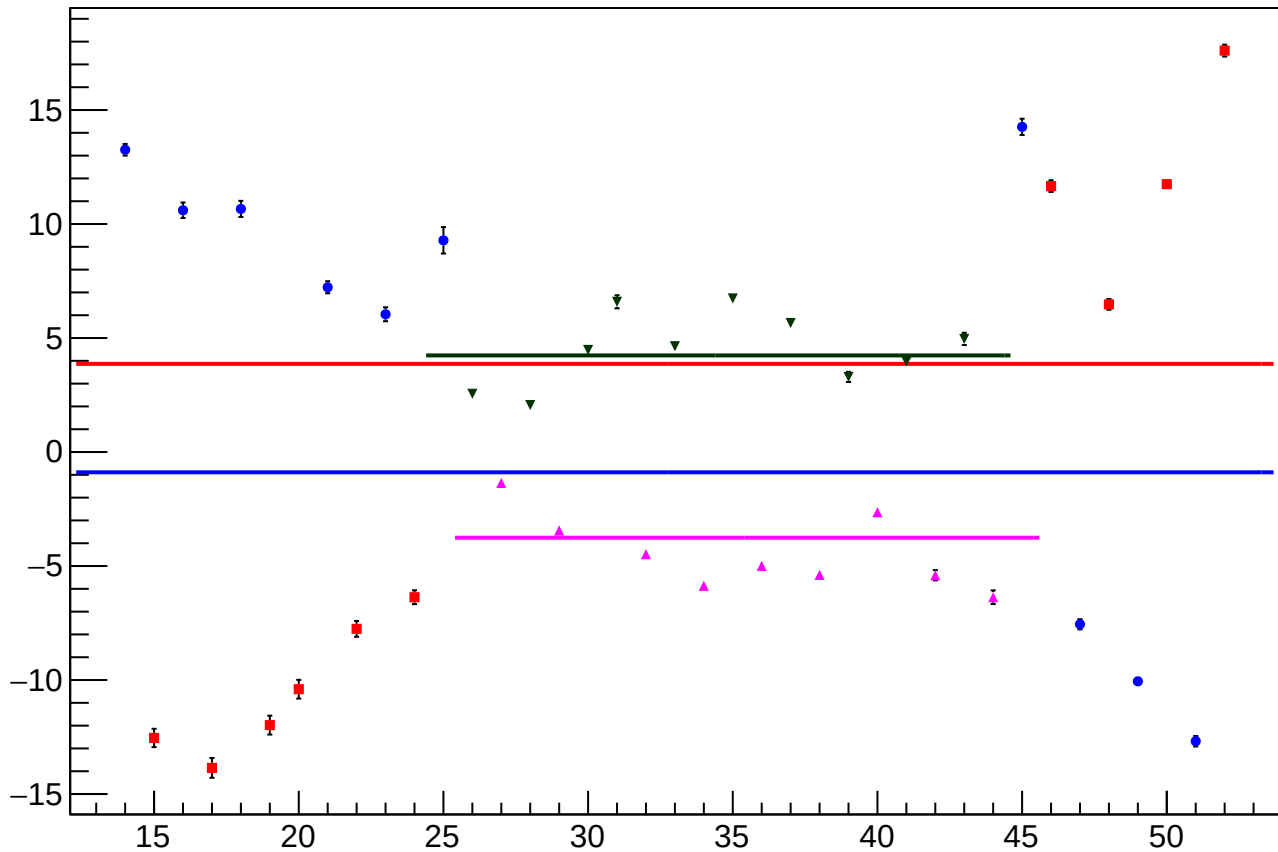
Left Out: 1.001 ± 0.008 $\chi^2/\text{NDF}: 4123.3/9$

Right Out: 0.308 ± 0.013 $\chi^2/\text{NDF}: 16013.2/9$

Left In: -0.851 ± 0.008 $\chi^2/\text{NDF}: 3579.2/8$

0.015 ± 0.005 $\chi^2/\text{NDF}: 72761.9/38$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -0.889 ± 0.082 $\chi^2/\text{NDF}: 15950.1/9$

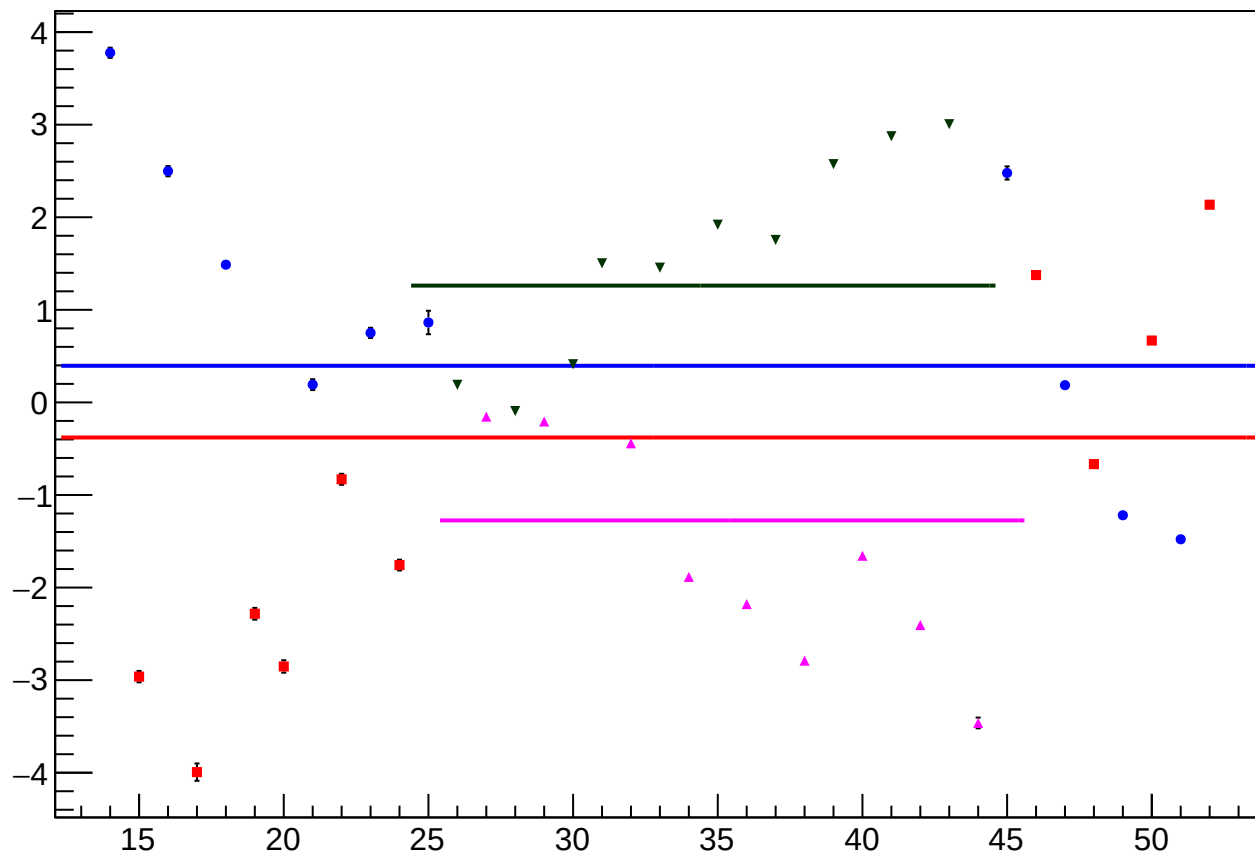
Left Out: 4.237 ± 0.064 $\chi^2/\text{NDF}: 532.8/9$

0.181 ± 0.035 $\chi^2/\text{NDF}: 41693.2/38$

Right Out: 3.867 ± 0.093 $\chi^2/\text{NDF}: 13725.7/9$

Left In: -3.757 ± 0.056 $\chi^2/\text{NDF}: 807.9/8$

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 0.396 $\pm$ 0.015 χ^2 /NDF: 11623.4/9

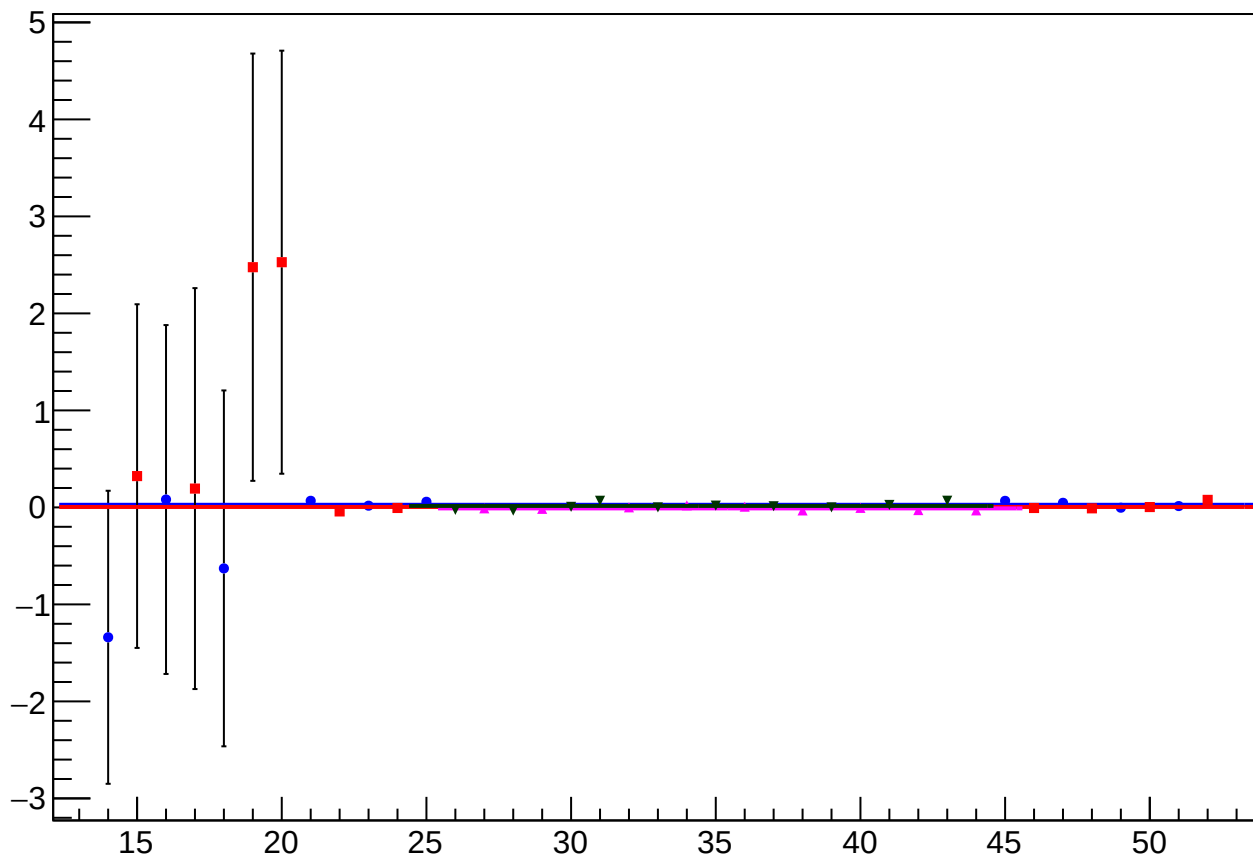
Left Out: 1.262 $\pm$ 0.011 χ^2 /NDF: 7575.4/9

Right Out: -0.379 $\pm$ 0.016 χ^2 /NDF: 11425.0/9

Left In: -1.275 $\pm$ 0.012 χ^2 /NDF: 7555.9/8

0.036 $\pm$ 0.007 χ^2 /NDF: 63659.1/38

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.027 $\pm$ 0.007 χ^2 /NDF: 20.7/9

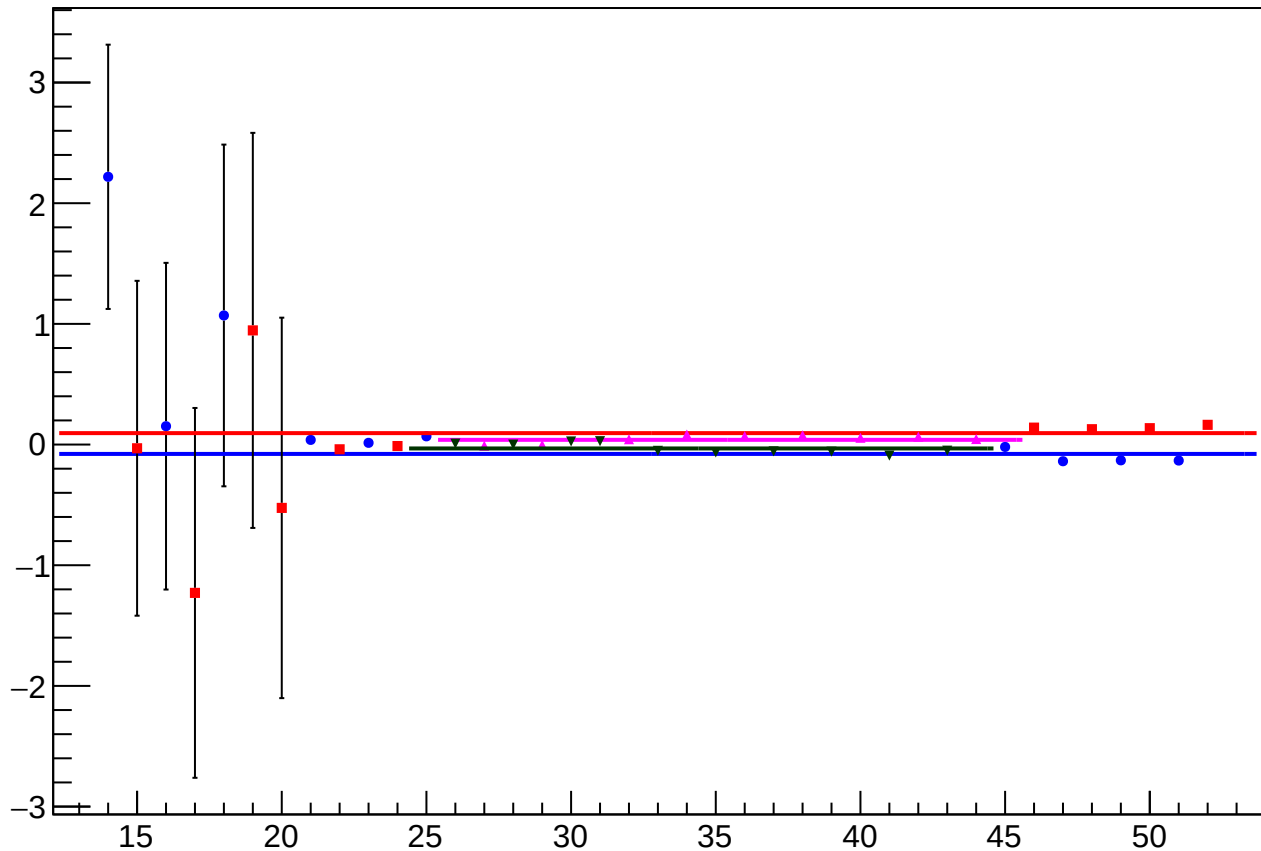
Left Out: 0.015 $\pm$ 0.006 χ^2 /NDF:28.5/9

Right Out: 0.004 $\pm$ 0.008 χ^2 /NDF: 24.2/9

Left In: -0.010 $\pm$ 0.006 χ^2 /NDF:5.5/8

0.009 $\pm$ 0.003 χ^2 /NDF: 97.2/38

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.078 ± 0.005 χ^2/NDF : 205.0/9

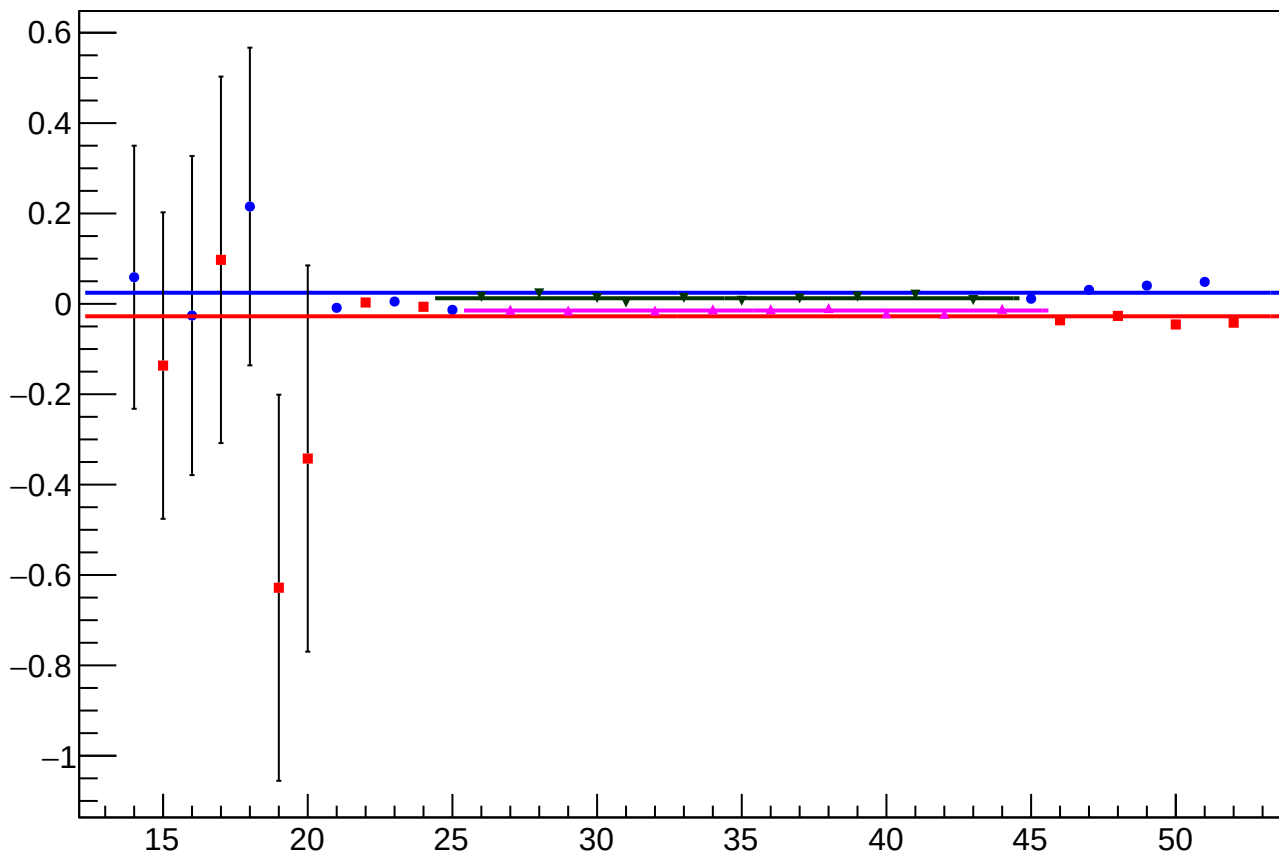
Left Out: -0.032 ± 0.005 χ^2/NDF : 66.2/9

Right Out: 0.095 ± 0.006 χ^2/NDF : 168.5/9

Left In: 0.039 ± 0.005 χ^2/NDF : 49.7/8

0.002 ± 0.003 χ^2/NDF : 1086.9/38

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.025+/-0.001 χ^2/NDF : 288.8/9

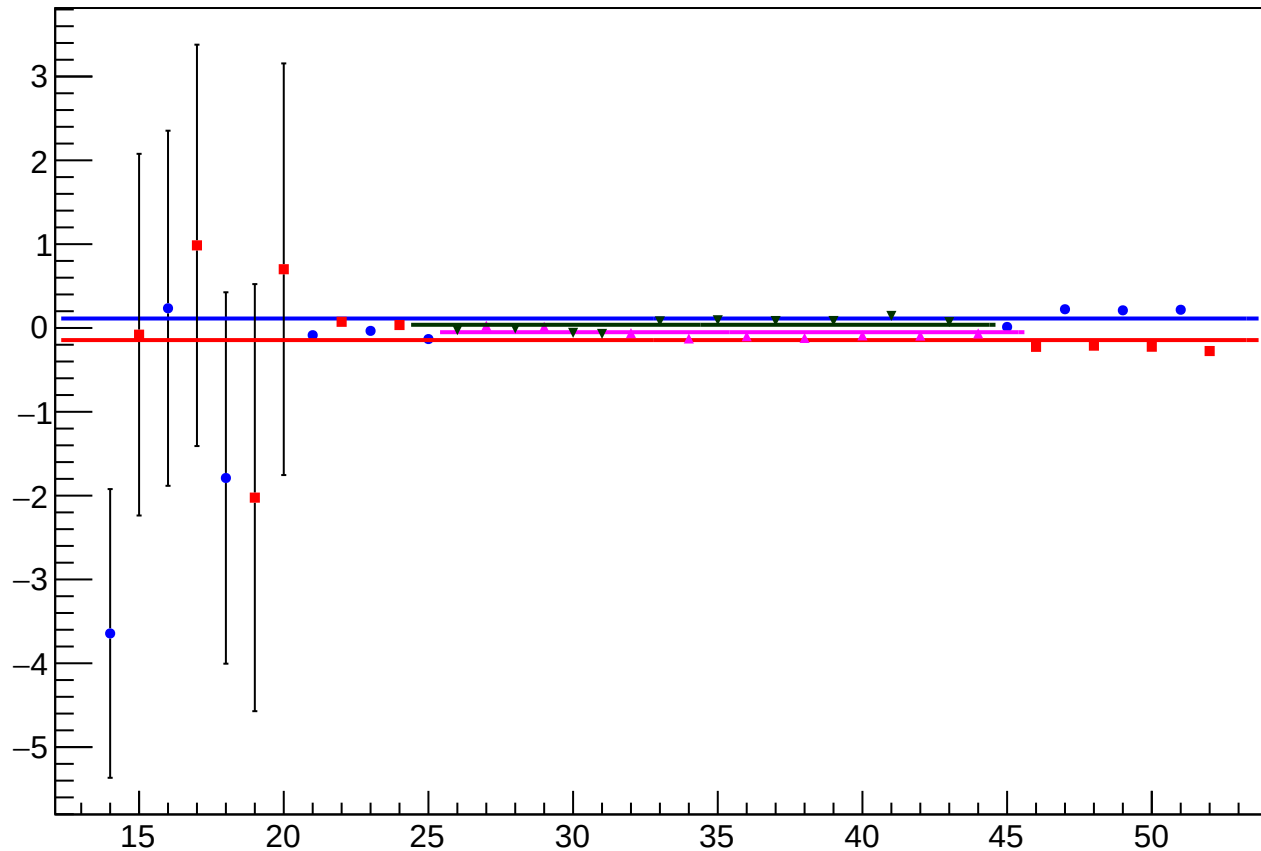
Left Out: 0.012+/-0.001 χ^2/NDF : 32.8/9

0.000+/-0.001 χ^2/NDF : 1667.3/38

Right Out: -0.028+/-0.001 χ^2/NDF : 168.6/9

Left In: -0.015+/-0.001 χ^2/NDF : 13.5/8

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.113 ± 0.009 $\chi^2/\text{NDF}: 241.1/9$

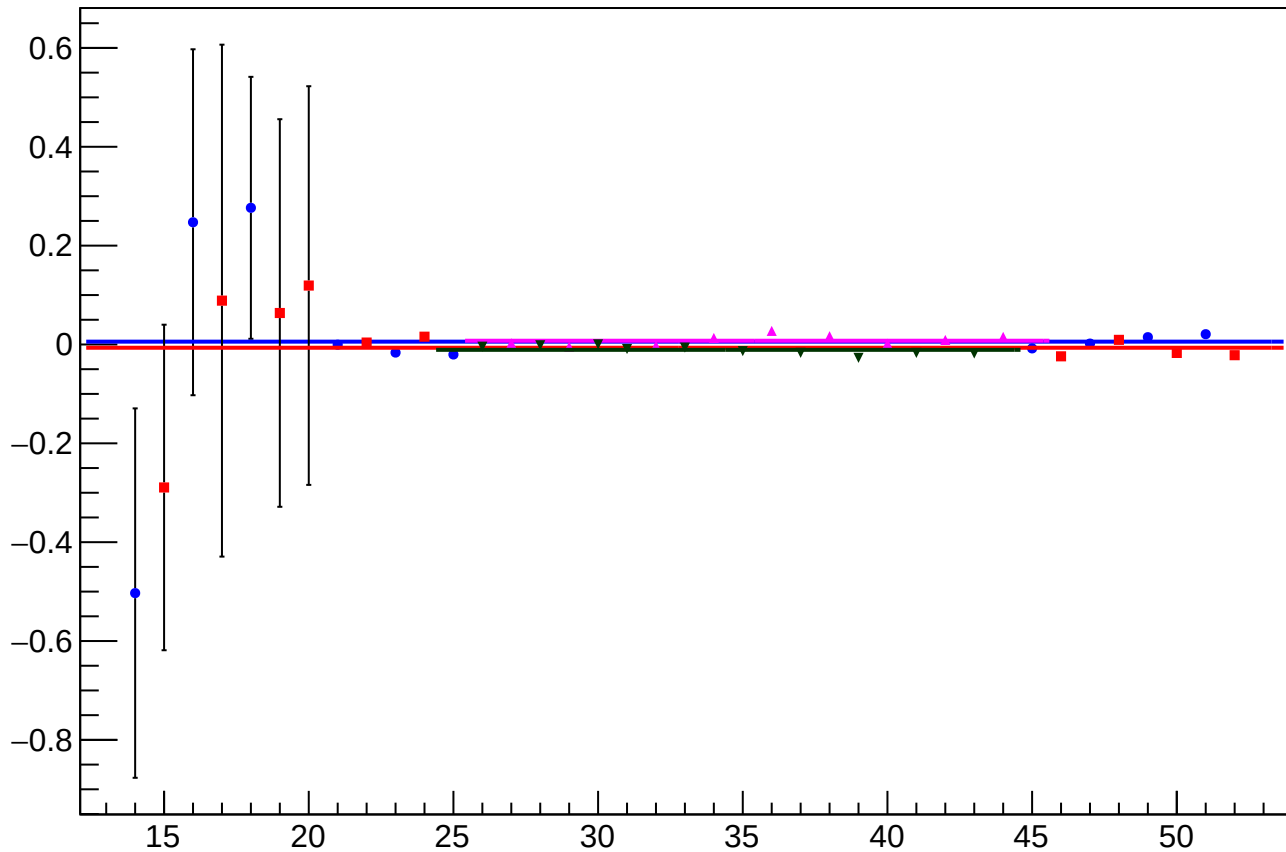
Left Out: 0.038 ± 0.008 $\chi^2/\text{NDF}: 68.8/9$

-0.004 ± 0.004 $\chi^2/\text{NDF}: 1020.5/38$

Right Out: -0.144 ± 0.010 $\chi^2/\text{NDF}: 195.8/9$

Left In: -0.050 ± 0.008 $\chi^2/\text{NDF}: 51.3/8$

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.006 ± 0.002 χ^2/NDF : 62.3/9

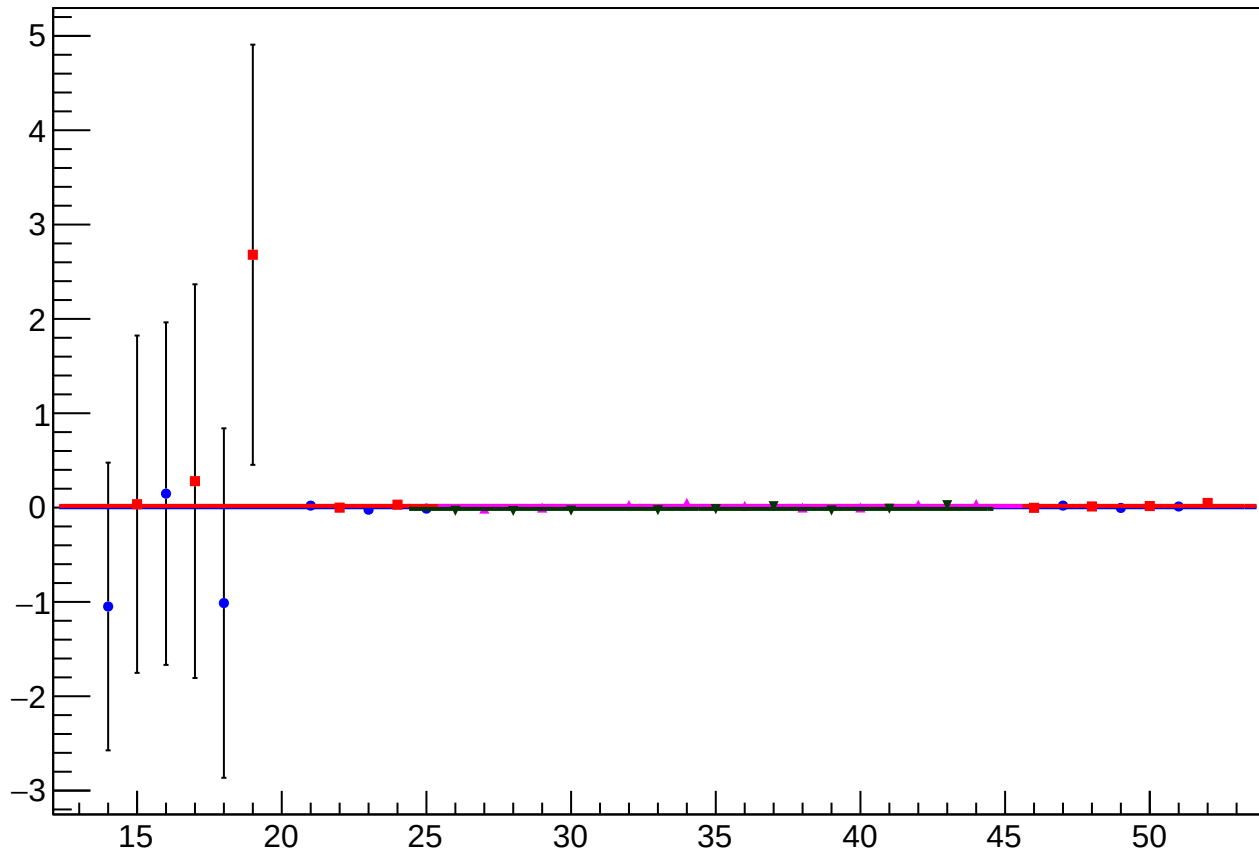
Left Out: -0.011 ± 0.001 χ^2/NDF : 34.9/9

Right Out: -0.007 ± 0.002 χ^2/NDF : 79.3/9

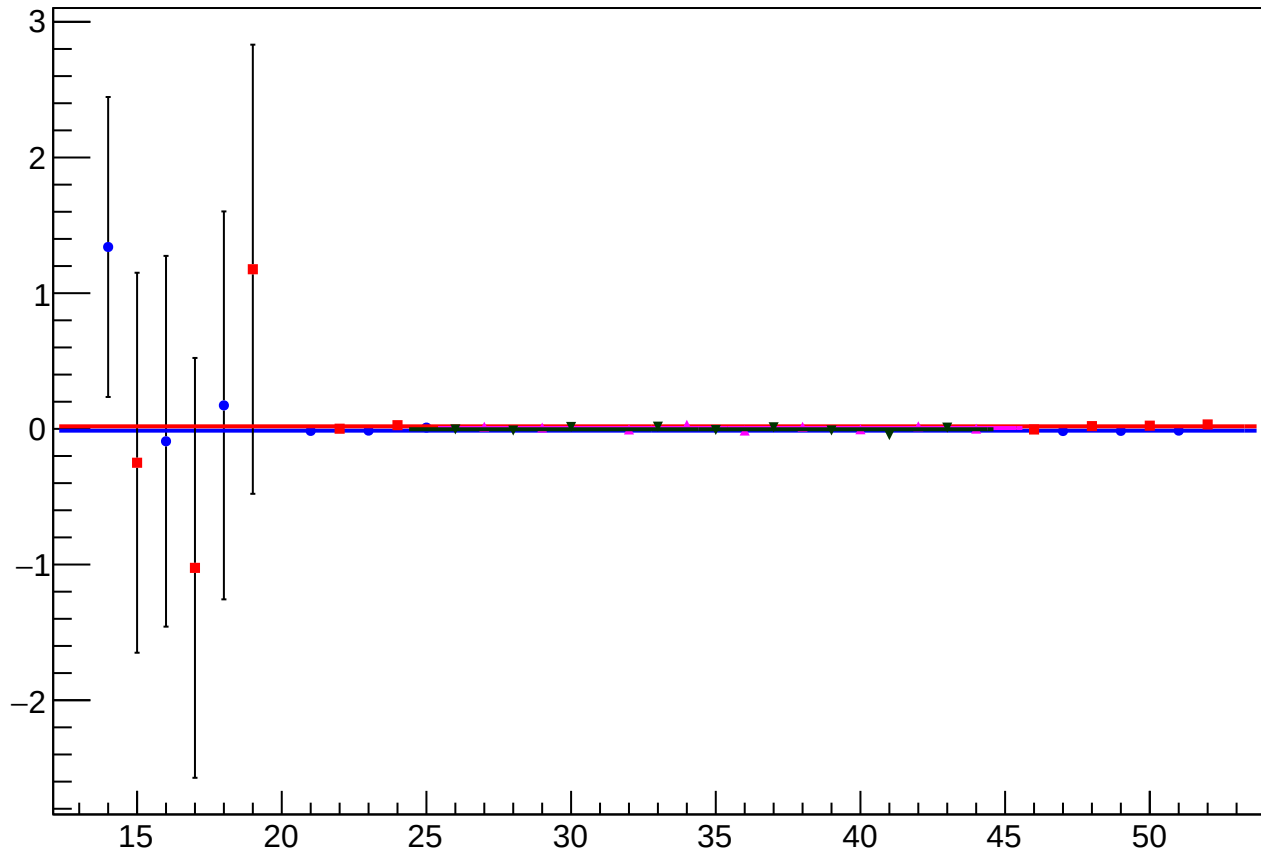
Left In: 0.008 ± 0.002 χ^2/NDF : 44.0/8

-0.002 ± 0.001 χ^2/NDF : 329.6/38

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.006 χ^2/NDF : 2.4/8

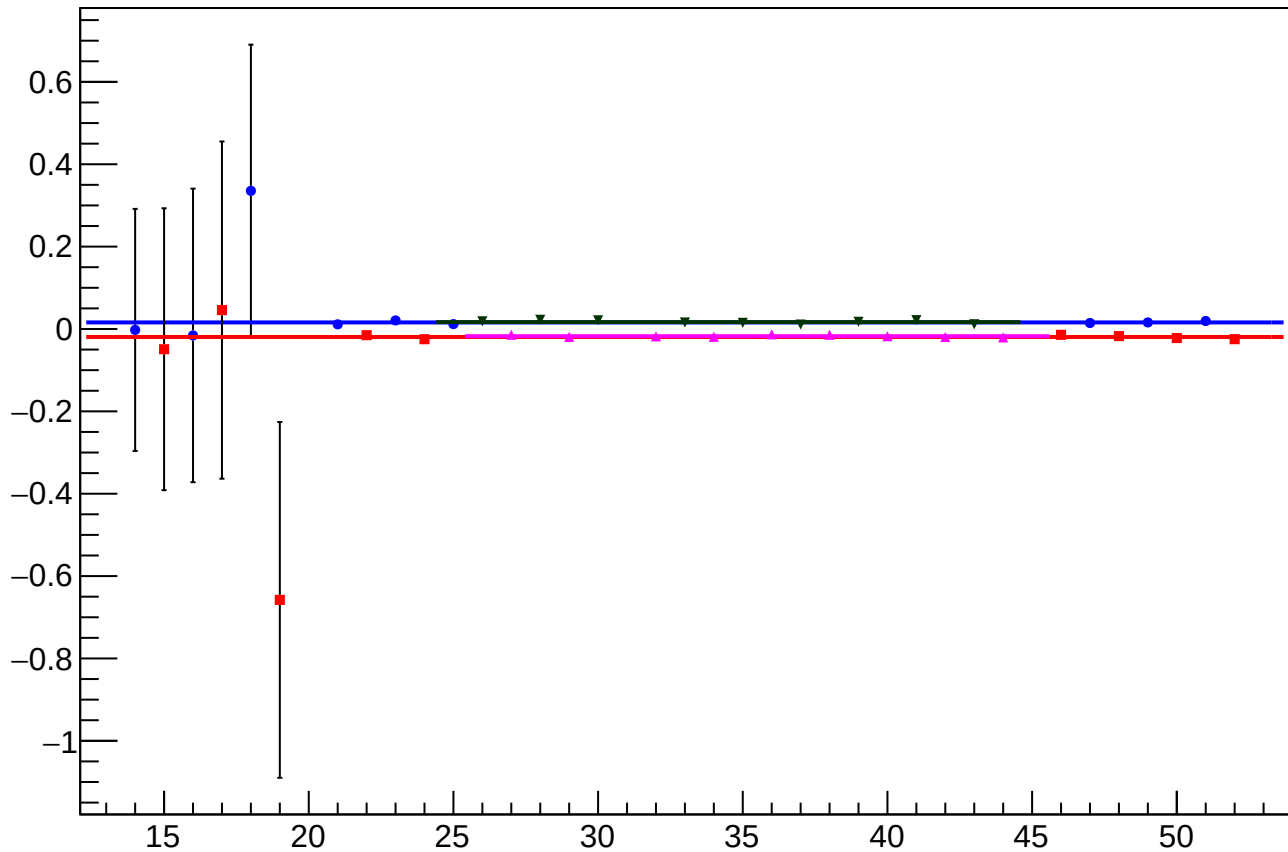
Left Out: -0.003 ± 0.005 χ^2/NDF : 10.9/8

Right Out: 0.019 ± 0.006 χ^2/NDF : 5.6/8

Left In: 0.006 ± 0.005 χ^2/NDF : 5.9/8

0.002 ± 0.003 χ^2/NDF : 41.0/35

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.016 ± 0.001 χ^2/NDF : 5.4/8

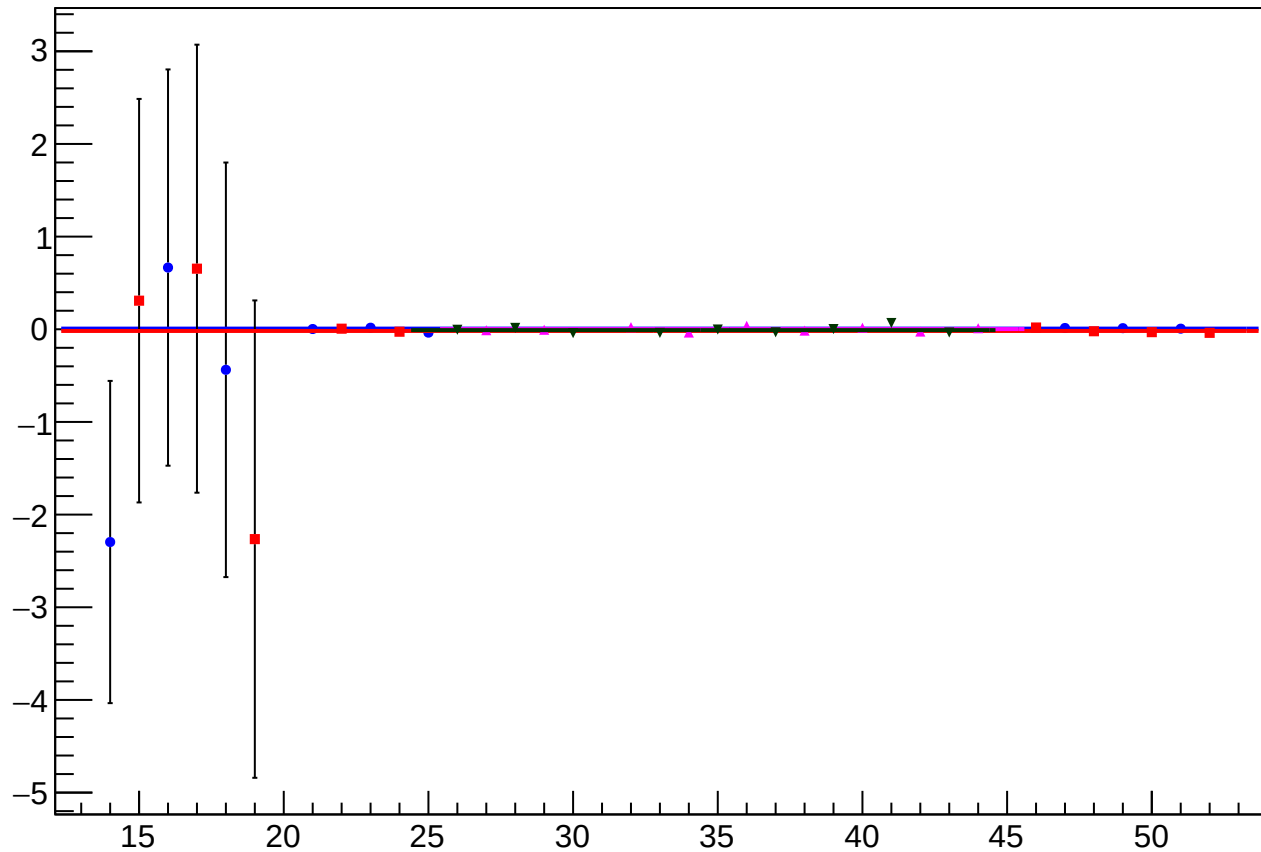
Left Out: 0.017 ± 0.001 χ^2/NDF : 13.9/8

-0.001 ± 0.001 χ^2/NDF : 852.0/35

Right Out: -0.019 ± 0.001 χ^2/NDF : 11.8/8

Left In: -0.017 ± 0.001 χ^2/NDF : 4.9/8

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.007 $\pm$ 0.010 χ^2 /NDF: 3.4/8

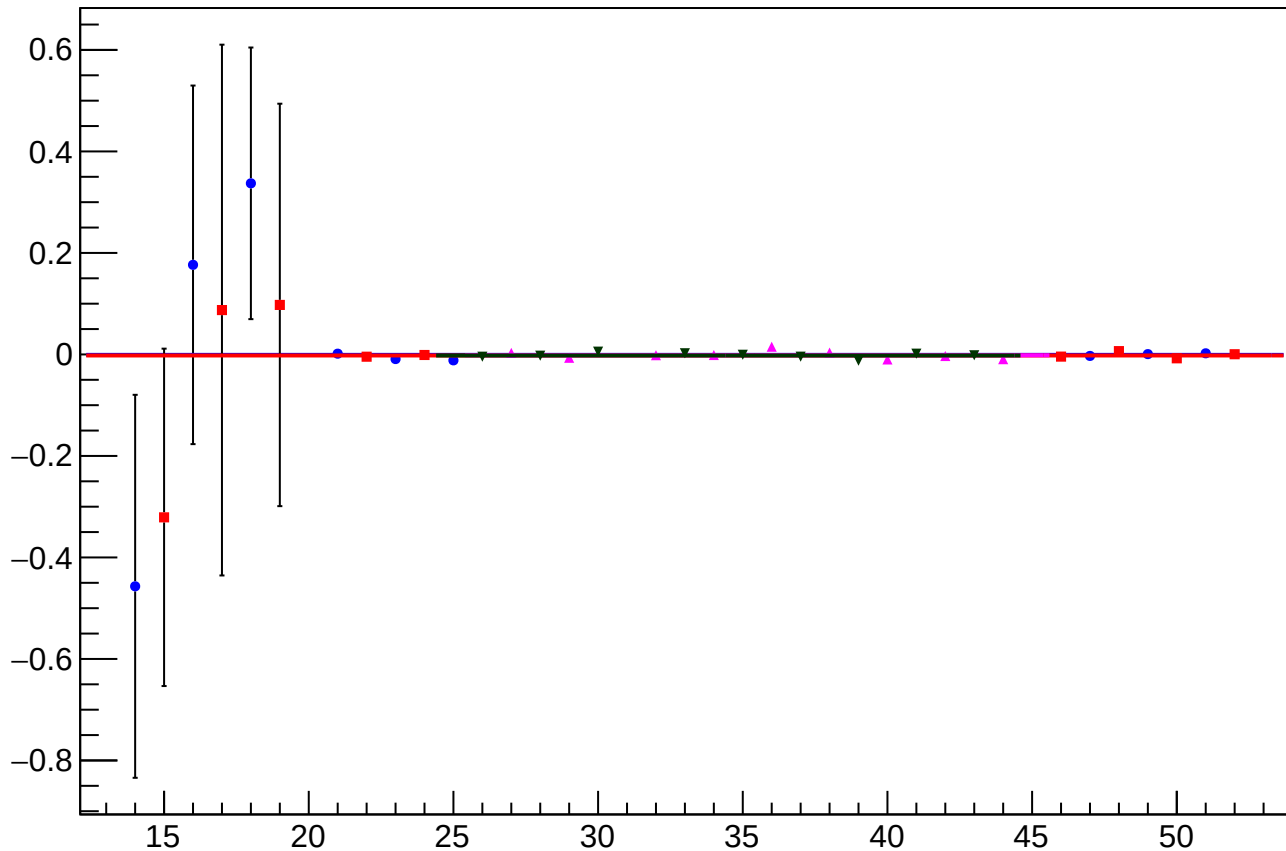
Left Out: -0.009 $\pm$ 0.008 χ^2 /NDF:12.7/8

Right Out: -0.018 $\pm$ 0.010 χ^2 /NDF: 5.0/8

Left In: 0.002 $\pm$ 0.008 χ^2 /NDF:6.6/8

-0.004 $\pm$ 0.004 χ^2 /NDF: 32.1/35

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.001+/-0.002 χ^2/NDF : 7.8/8

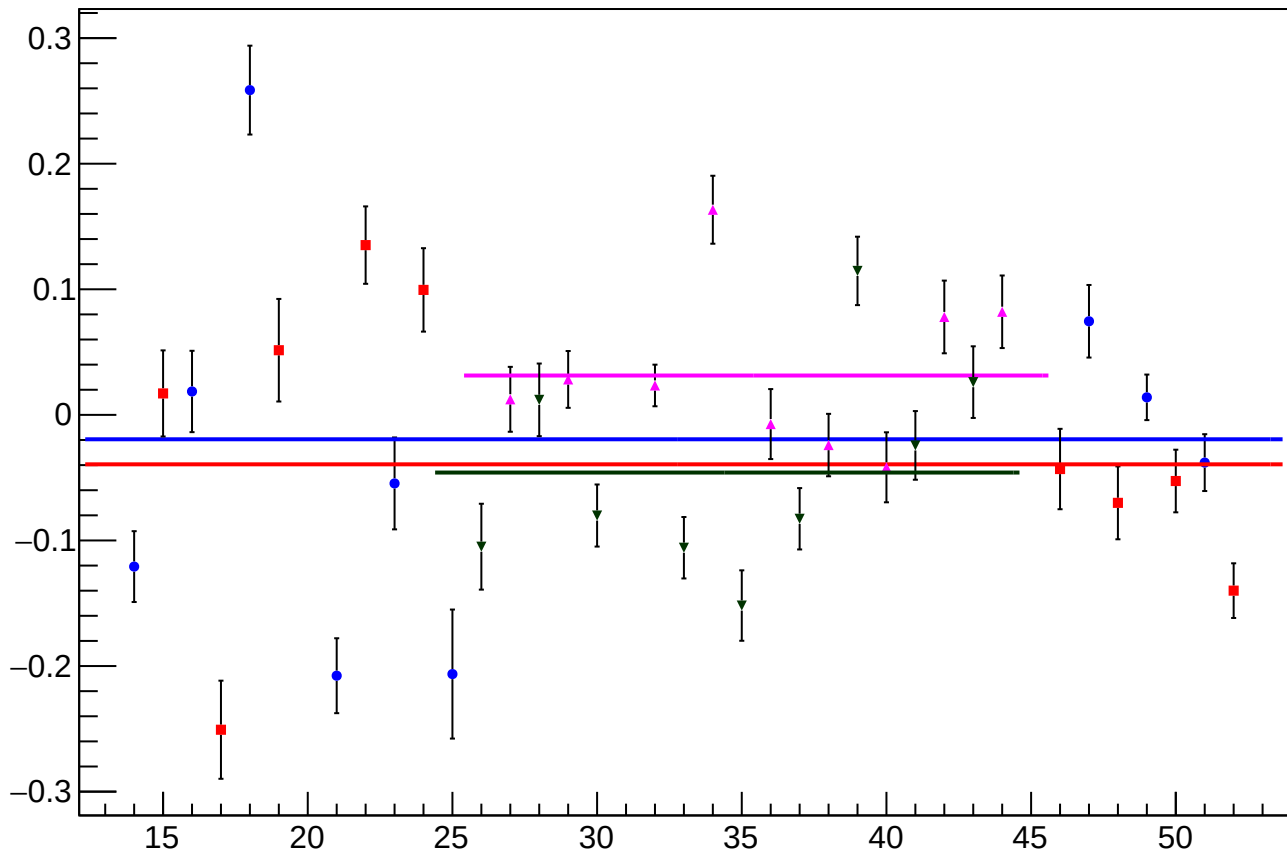
Left Out: -0.002+/-0.001 χ^2/NDF :9.3/8

Right Out: -0.002+/-0.002 χ^2/NDF : 7.2/8

Left In: -0.002+/-0.002 χ^2/NDF :24.7/8

-0.002+/-0.001 χ^2/NDF : 49.4/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.019 ± 0.009 χ^2/NDF : 144.7/8

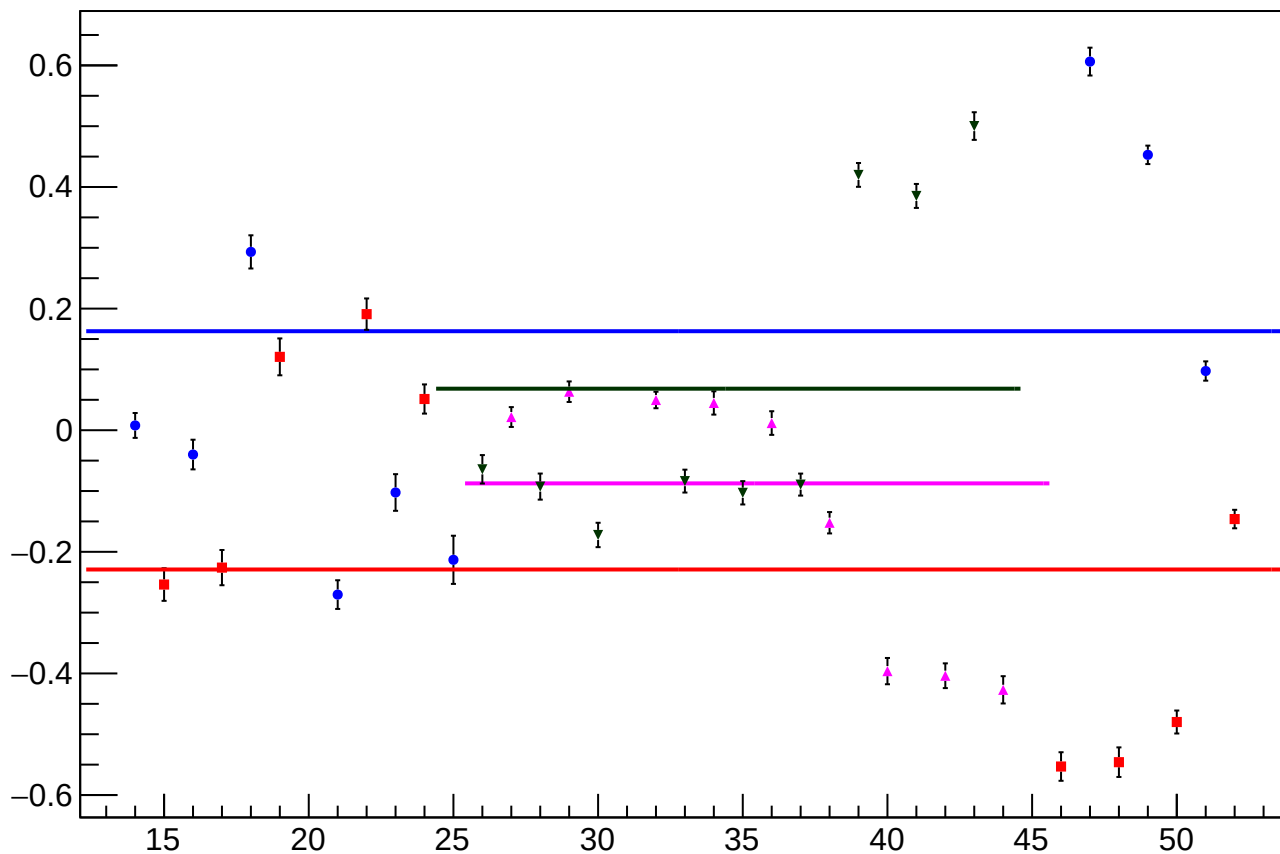
Left Out: -0.046 ± 0.009 χ^2/NDF : 73.2/8

Right Out: -0.039 ± 0.010 χ^2/NDF : 109.2/8

Left In: 0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.014 ± 0.005 χ^2/NDF : 421.2/35

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

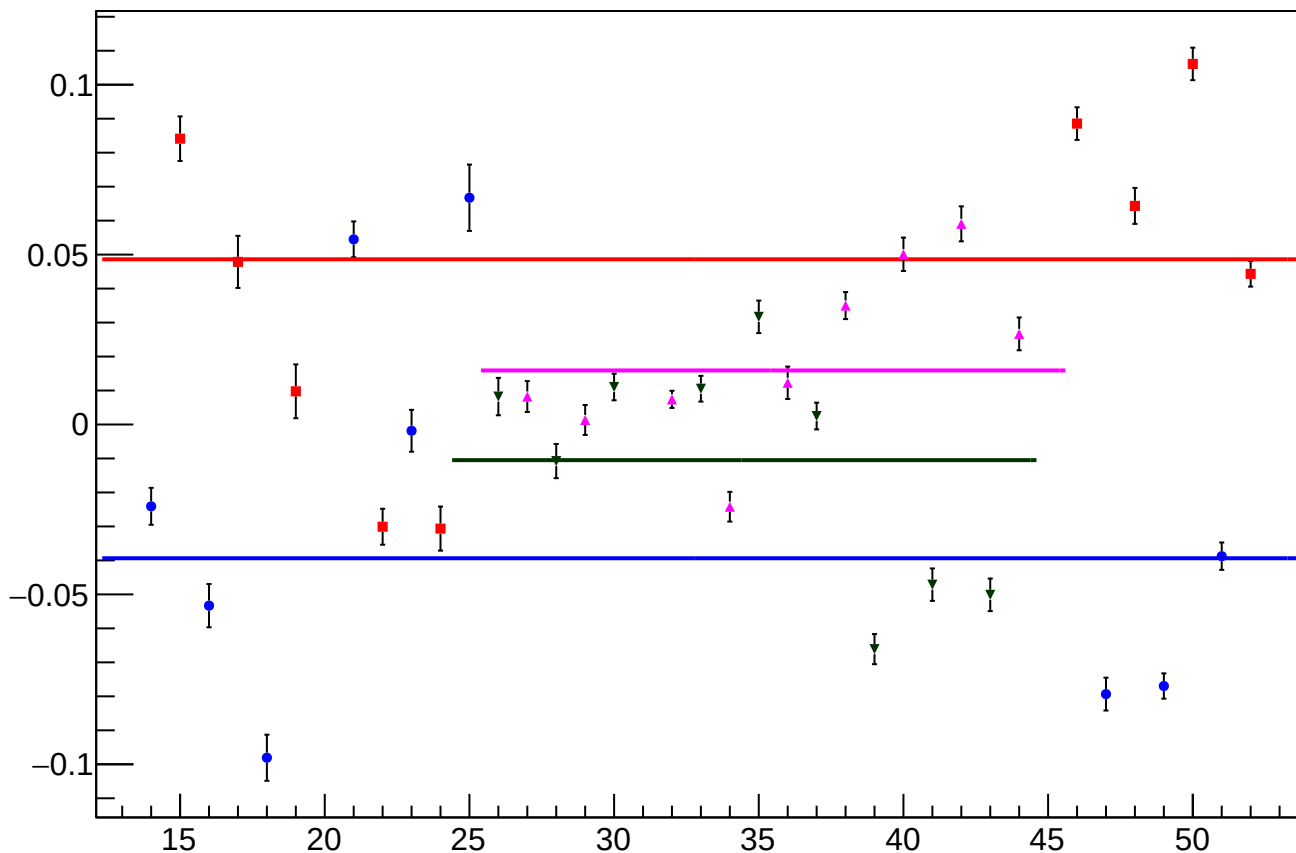
Left Out: 0.068 $\pm$ 0.007 χ^2 /NDF:1394.7/8

Right Out: -0.229 $\pm$ 0.008 χ^2 /NDF: 1101.3/8

Left In: -0.087 $\pm$ 0.006 χ^2 /NDF:988.6/8

-0.021 $\pm$ 0.003 χ^2 /NDF: 6602.6/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.039+/-0.002 χ^2/NDF : 730.5/8

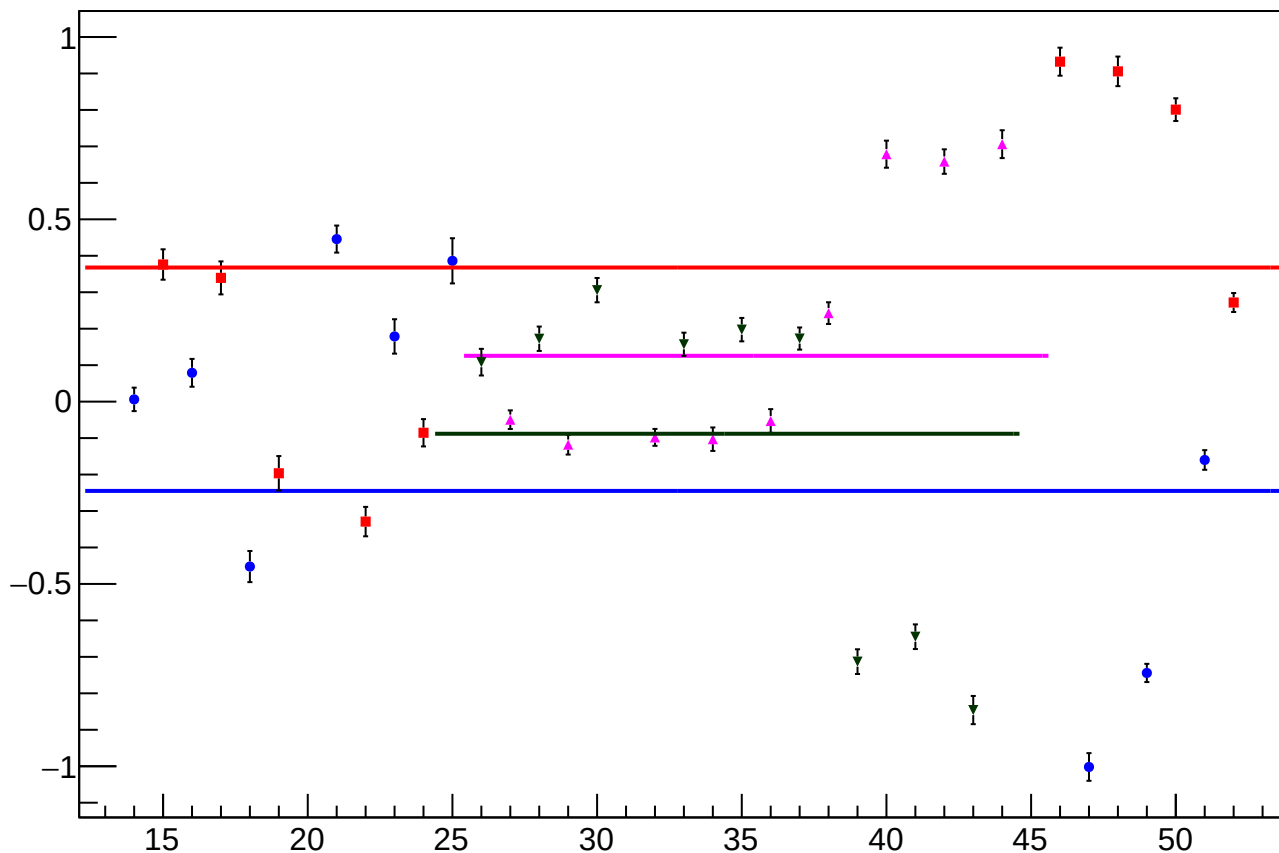
Left Out: -0.010+/-0.001 χ^2/NDF : 445.6/8

Right Out: 0.049+/-0.002 χ^2/NDF : 648.0/8

Left In: 0.016+/-0.001 χ^2/NDF : 256.5/8

0.004+/-0.001 χ^2/NDF : 3487.4/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.245+/-0.012 χ^2/NDF : 1494.5/8

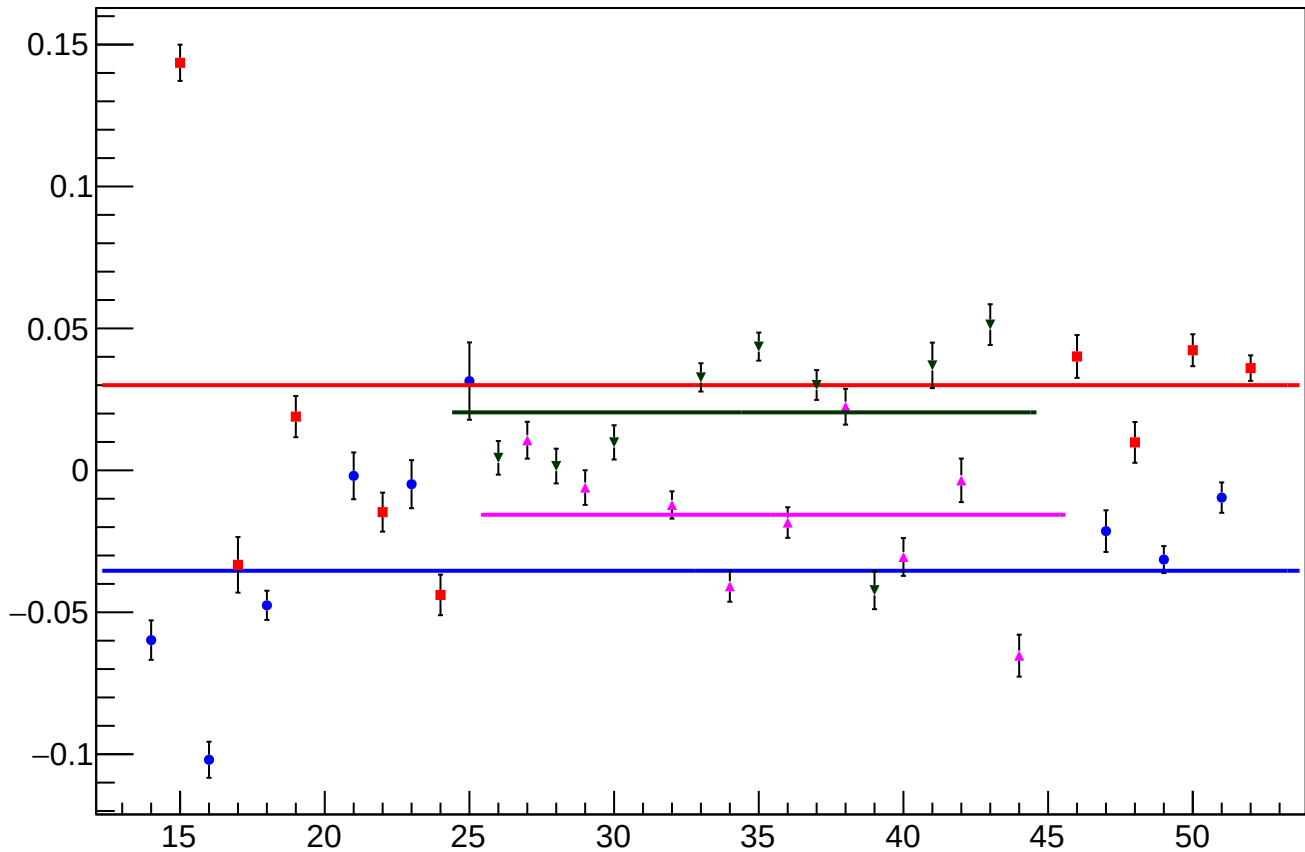
Left Out: -0.088+/-0.011 χ^2/NDF : 1435.6/8

Right Out: 0.368+/-0.012 χ^2/NDF : 1186.7/8

Left In: 0.126+/-0.010 χ^2/NDF : 1020.5/8

0.038+/-0.006 χ^2/NDF : 6648.3/35

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.035 ± 0.002 χ^2/NDF : 208.8/8

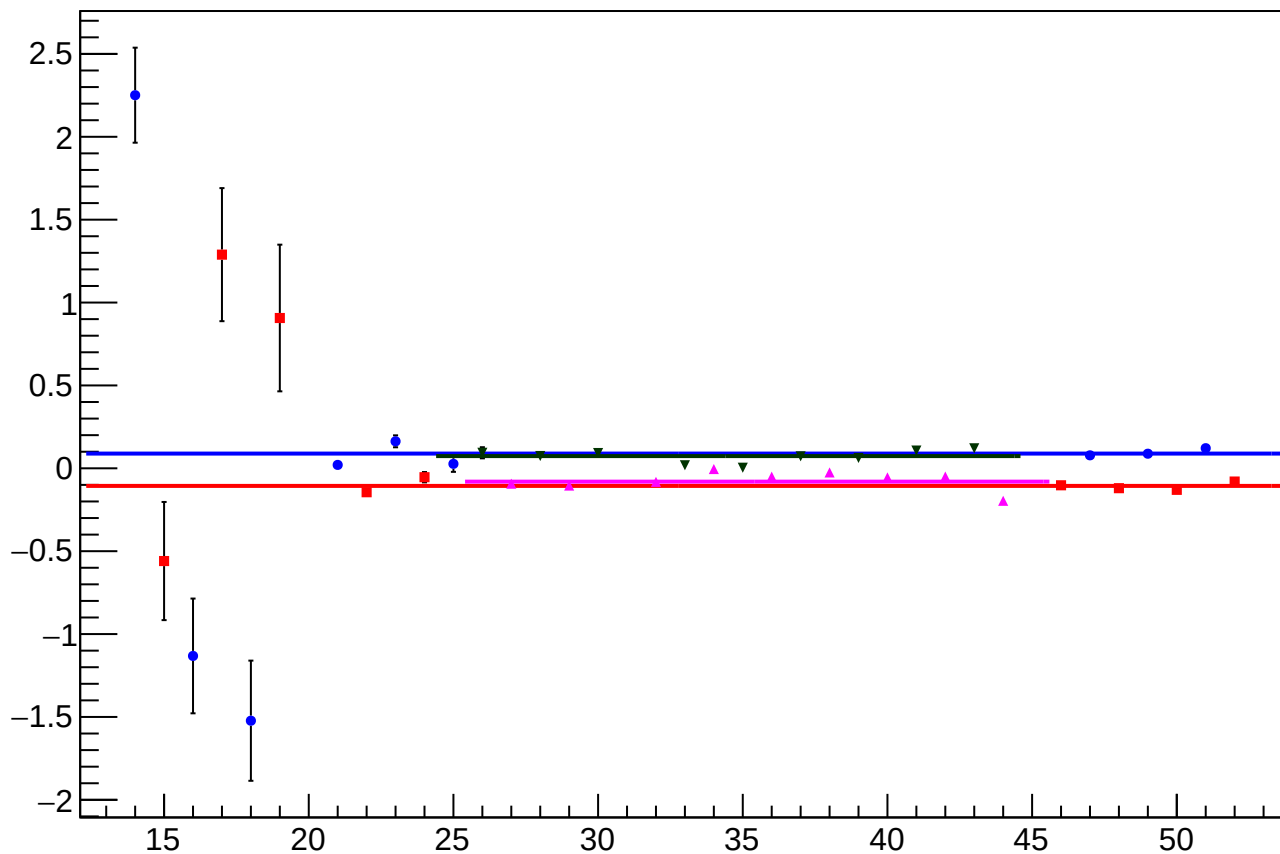
Left Out: 0.020 ± 0.002 χ^2/NDF : 162.1/8

Right Out: 0.030 ± 0.002 χ^2/NDF : 525.9/8

Left In: -0.016 ± 0.002 χ^2/NDF : 129.9/8

0.000 ± 0.001 χ^2/NDF : 1654.9/35

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.089+/-0.010 χ^2/NDF : 102.7/8

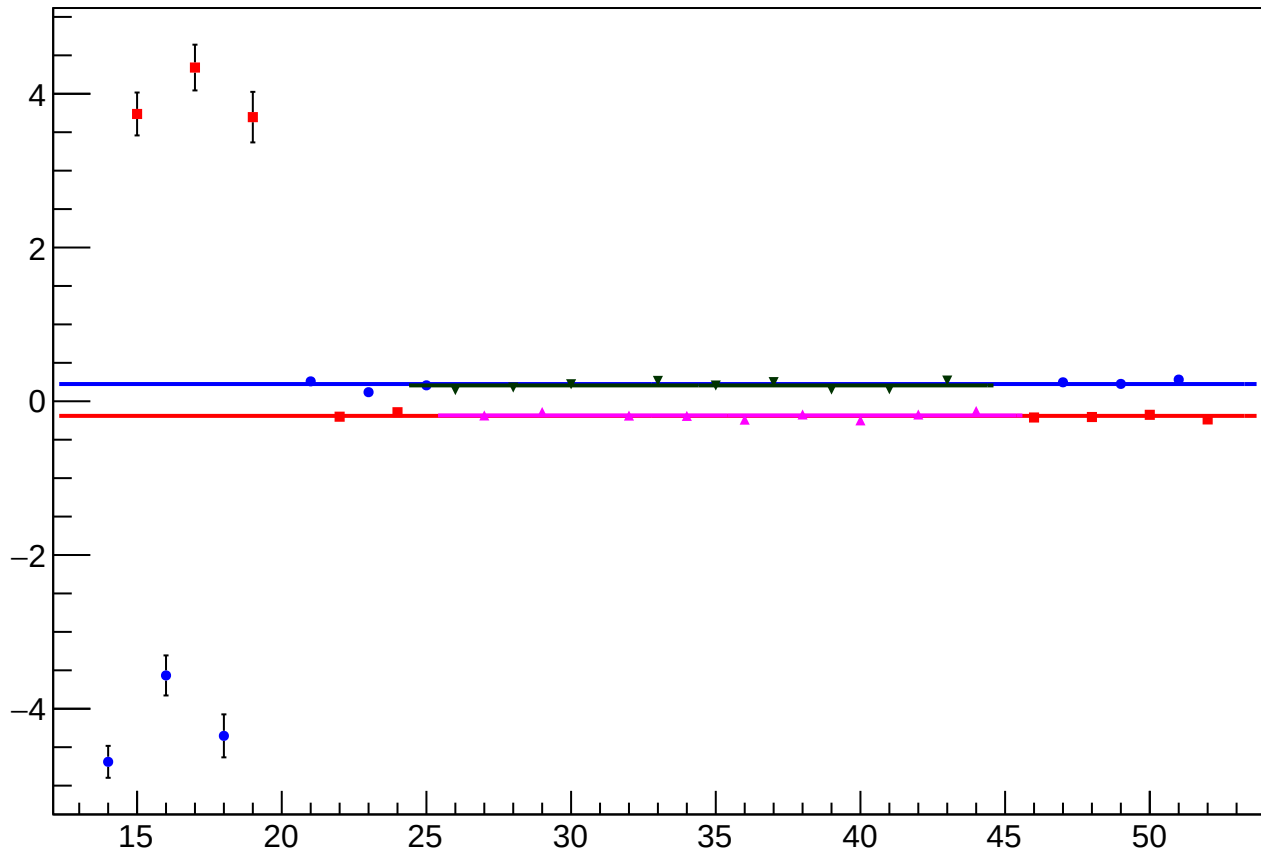
Left Out: 0.074+/-0.009 χ^2/NDF : 17.2/8

Right Out: -0.106+/-0.010 χ^2/NDF : 26.4/8

Left In: -0.080+/-0.008 χ^2/NDF : 39.2/8

-0.007+/-0.005 χ^2/NDF : 538.1/35

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.224 ± 0.008 χ^2/NDF : 1069.1/8

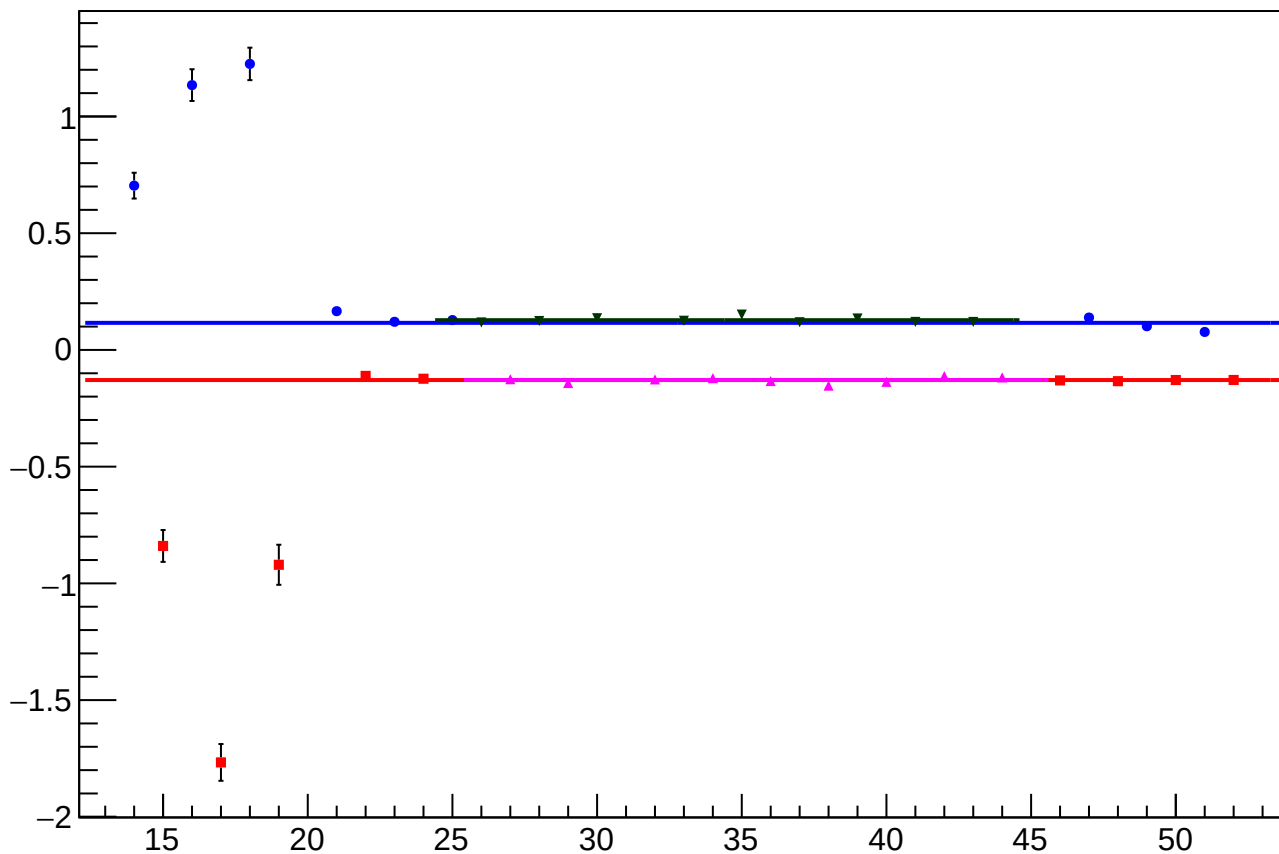
Left Out: 0.206 ± 0.007 χ^2/NDF : 49.8/8

0.004 ± 0.003 χ^2/NDF : 5083.3/35

Right Out: -0.190 ± 0.008 χ^2/NDF : 585.1/8

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 χ^2/NDF : 834.3/8

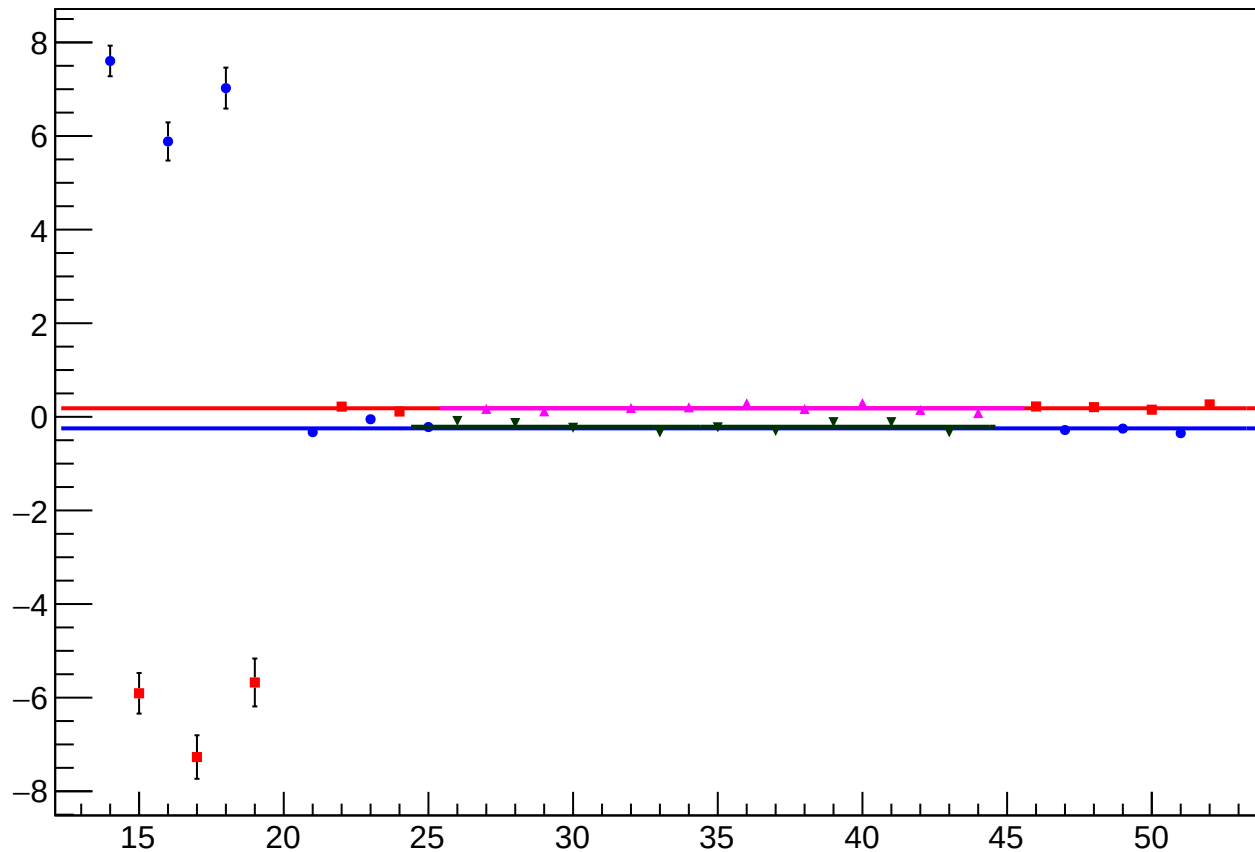
Left Out: 0.127+/-0.001 χ^2/NDF : 47.7/8

Right Out: -0.129+/-0.002 χ^2/NDF : 640.4/8

Left In: -0.129+/-0.001 χ^2/NDF : 62.0/8

-0.008+/-0.001 χ^2/NDF : 26933.5/35

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.246 ± 0.013 $\chi^2/\text{NDF}: 1117.9/8$

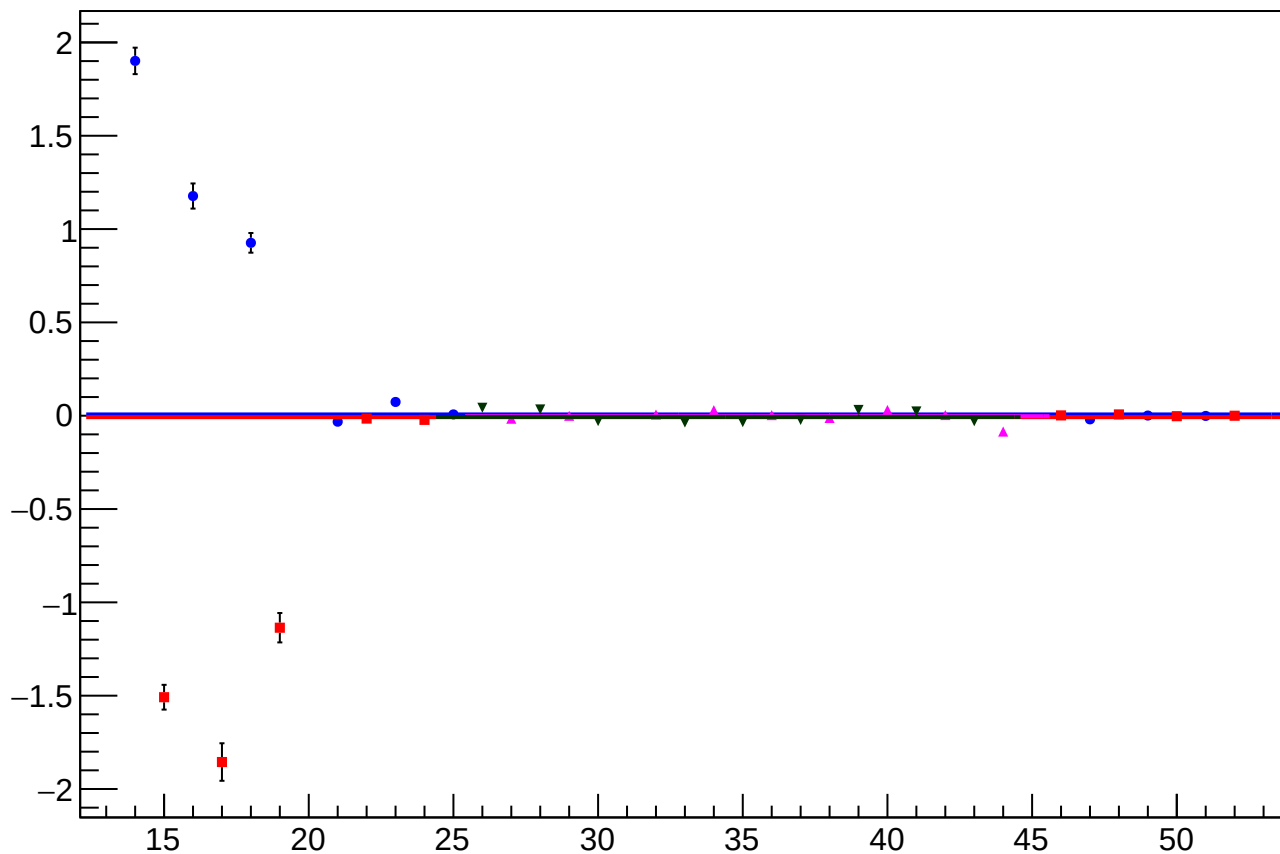
Left Out: -0.211 ± 0.011 $\chi^2/\text{NDF}: 72.0/8$

Right Out: 0.183 ± 0.013 $\chi^2/\text{NDF}: 602.1/8$

Left In: 0.183 ± 0.010 $\chi^2/\text{NDF}: 42.4/8$

-0.012 ± 0.006 $\chi^2/\text{NDF}: 3110.3/35$

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.007+/-0.002 χ^2/NDF : 1428.6/8

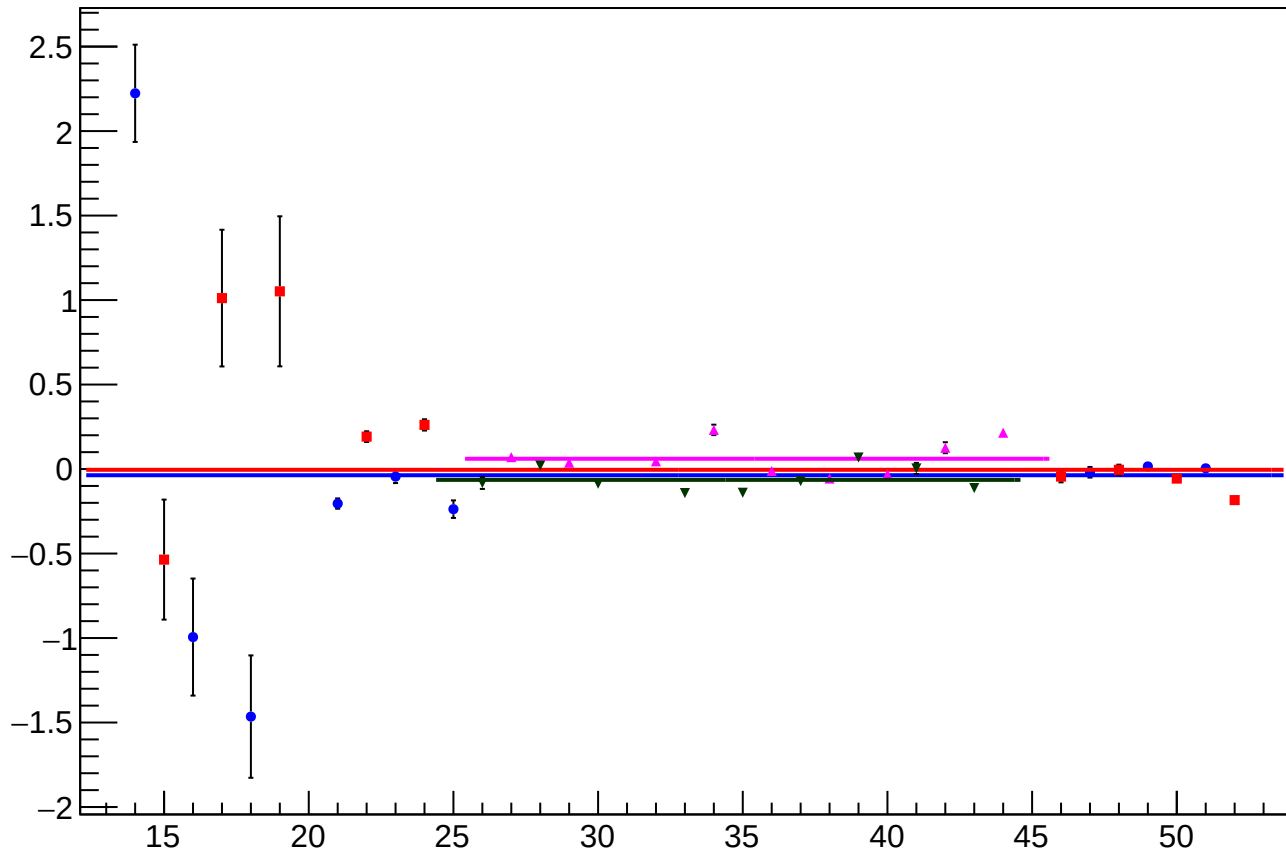
Left Out: -0.007+/-0.002 χ^2/NDF : 264.2/8

Right Out: -0.008+/-0.002 χ^2/NDF : 1072.4/8

Left In: -0.002+/-0.002 χ^2/NDF : 272.1/8

-0.003+/-0.001 χ^2/NDF : 3060.9/35

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.037 ± 0.011 χ^2/NDF : 141.8/8

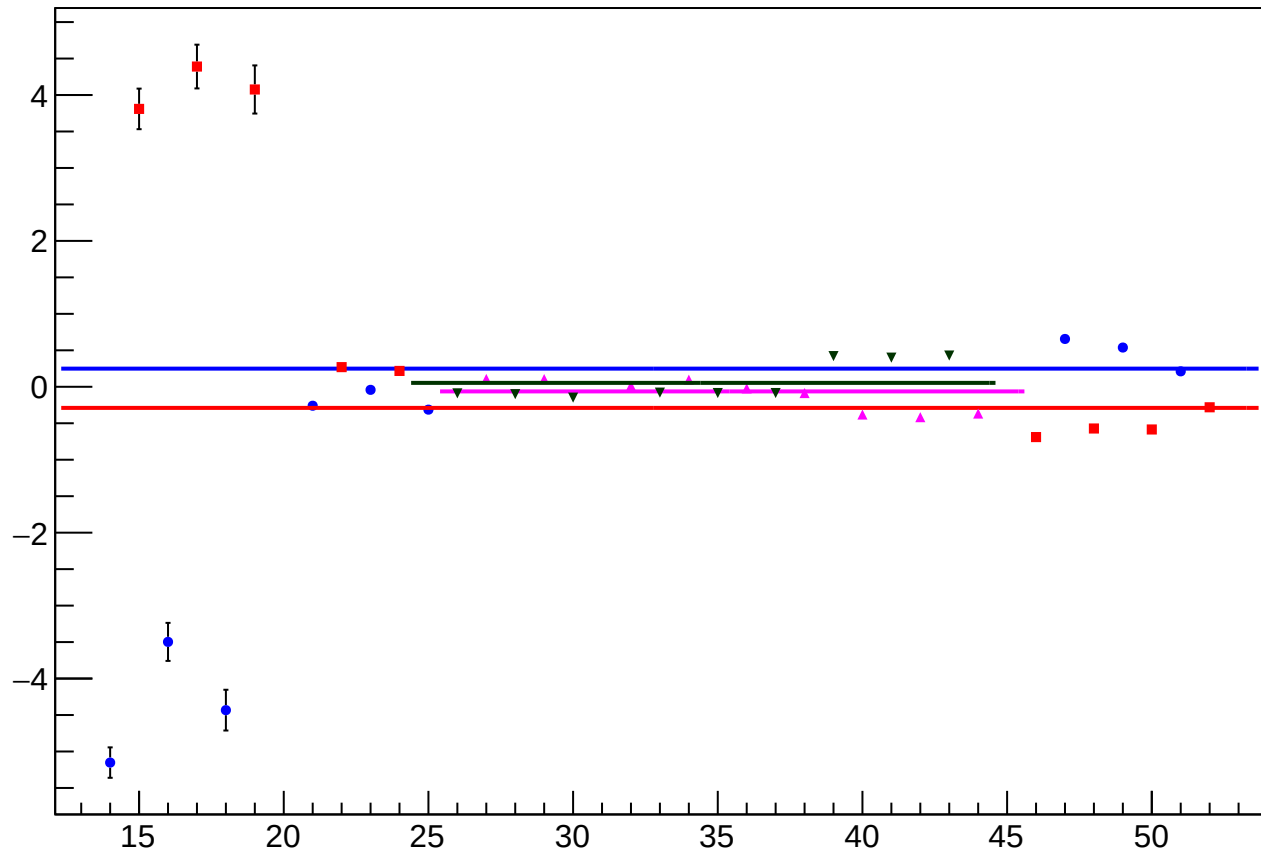
Left Out: -0.064 ± 0.009 χ^2/NDF : 53.3/8

Right Out: -0.004 ± 0.012 χ^2/NDF : 180.6/8

Left In: 0.061 ± 0.009 χ^2/NDF : 96.3/8

-0.006 ± 0.005 χ^2/NDF : 576.3/35

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.249 ± 0.009 χ^2/NDF : 2517.9/8

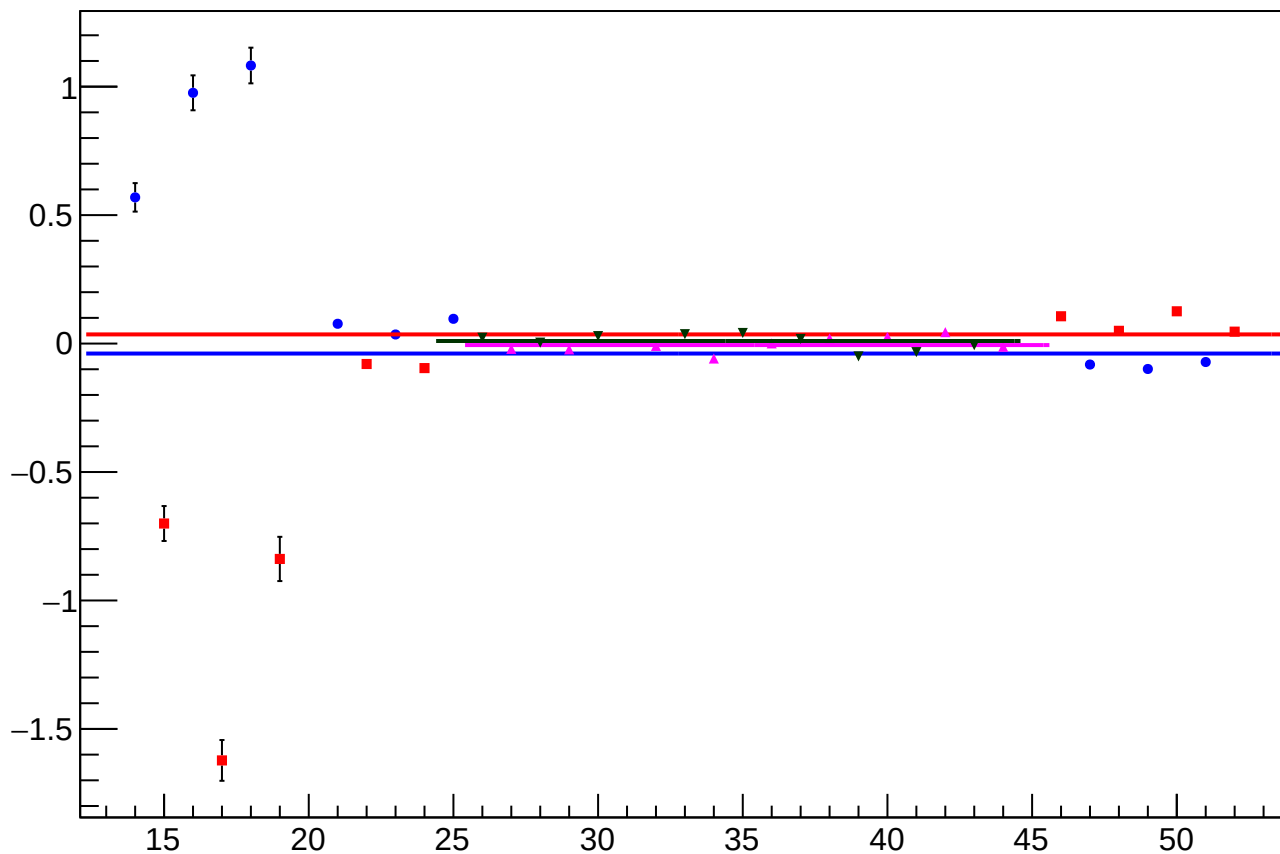
Left Out: 0.054 ± 0.007 χ^2/NDF : 1125.4/8

Right Out: -0.289 ± 0.009 χ^2/NDF : 2127.9/8

Left In: -0.063 ± 0.006 χ^2/NDF : 920.0/8

-0.012 ± 0.004 χ^2/NDF : 8712.8/35

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.039 ± 0.002 $\chi^2/\text{NDF}: 1775.9/8$

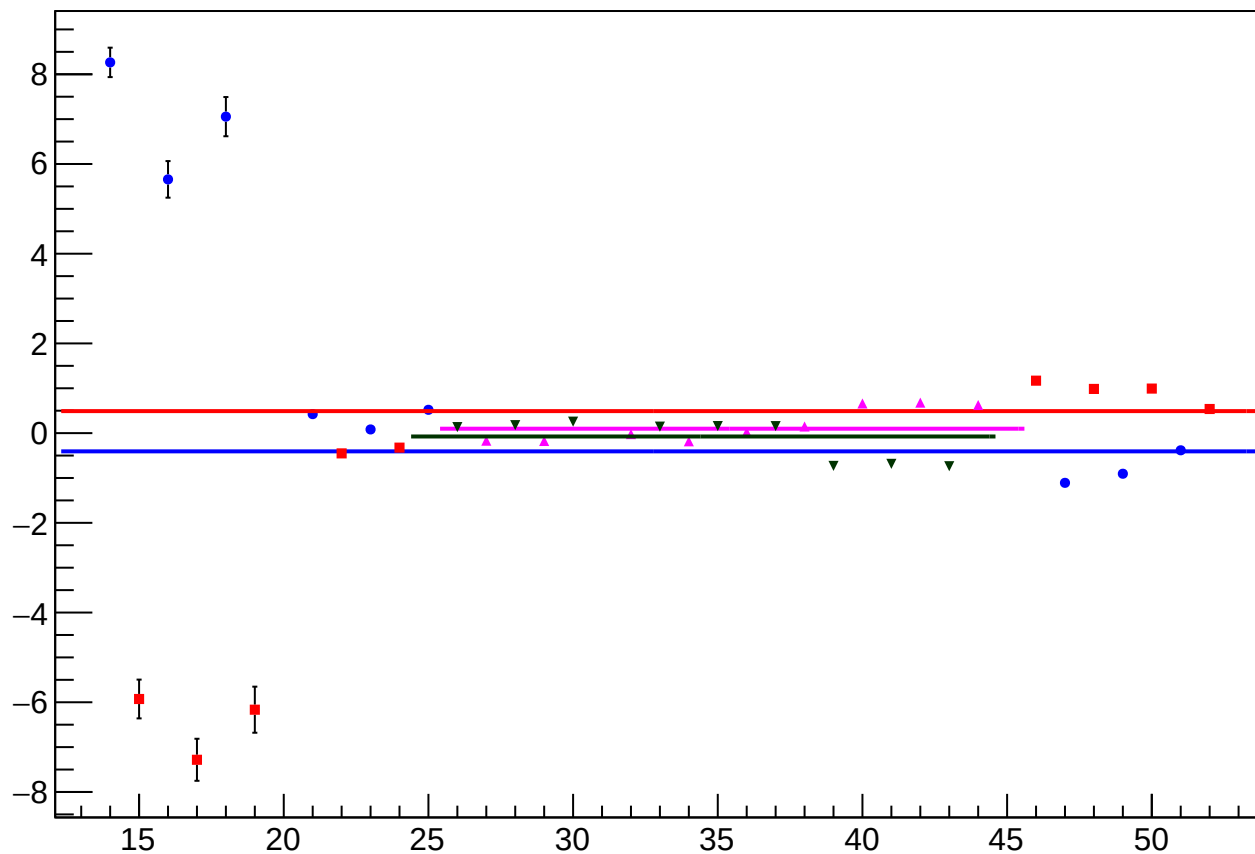
Left Out: 0.010 ± 0.002 $\chi^2/\text{NDF}: 343.2/8$

Right Out: 0.036 ± 0.002 $\chi^2/\text{NDF}: 2049.0/8$

Left In: -0.006 ± 0.001 $\chi^2/\text{NDF}: 288.3/8$

0.000 ± 0.001 $\chi^2/\text{NDF}: 5165.6/35$

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.406 ± 0.014 $\chi^2/\text{NDF}: 2693.5/8$

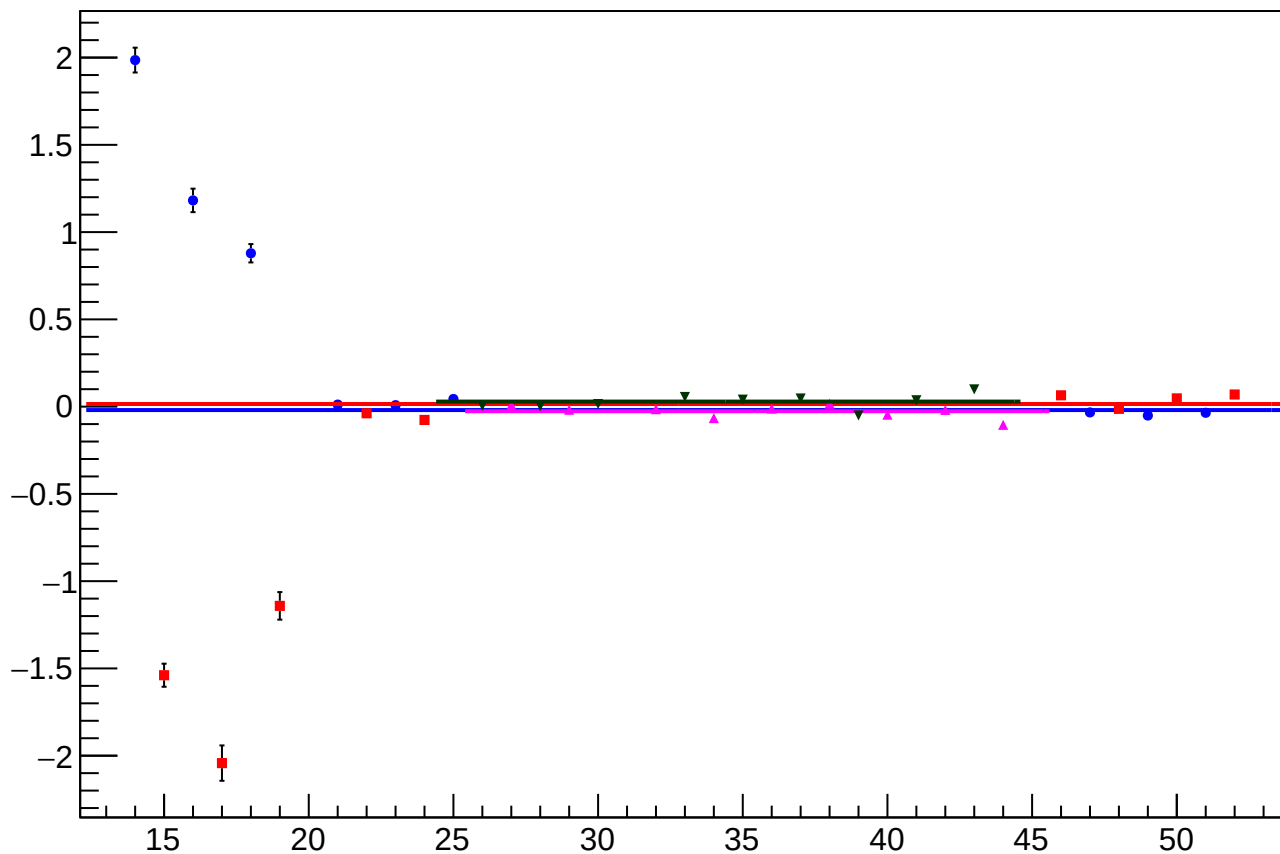
Left Out: -0.075 ± 0.012 $\chi^2/\text{NDF}: 1172.9/8$

Right Out: 0.491 ± 0.015 $\chi^2/\text{NDF}: 2303.6/8$

Left In: 0.099 ± 0.011 $\chi^2/\text{NDF}: 947.3/8$

0.025 ± 0.006 $\chi^2/\text{NDF}: 9166.7/35$

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.020 ± 0.003 $\chi^2/\text{NDF}: 1504.6/8$

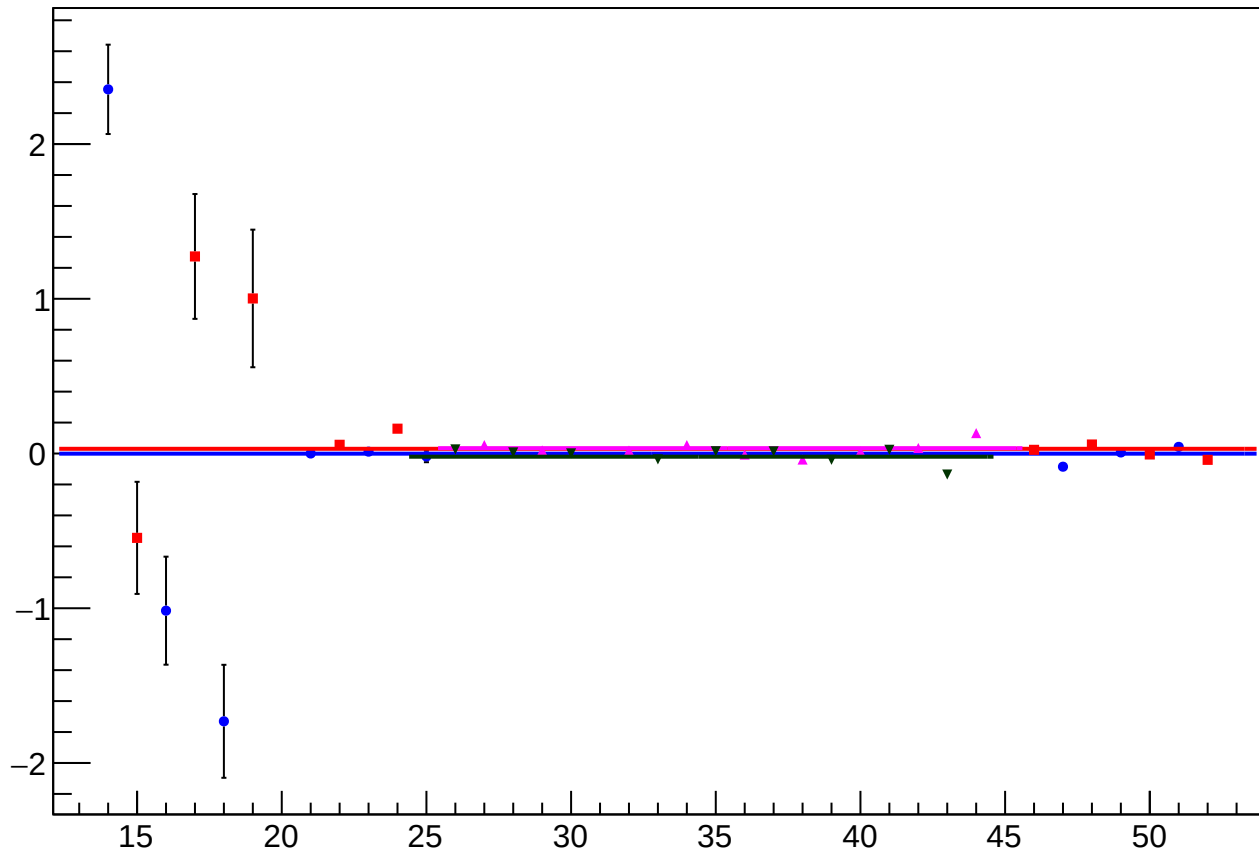
Left Out: 0.029 ± 0.002 $\chi^2/\text{NDF}: 298.0/8$

Right Out: 0.015 ± 0.003 $\chi^2/\text{NDF}: 1607.4/8$

Left In: -0.026 ± 0.002 $\chi^2/\text{NDF}: 232.0/8$

0.001 ± 0.001 $\chi^2/\text{NDF}: 4071.9/35$

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.001 ± 0.008 $\chi^2/\text{NDF}: 121.2/8$

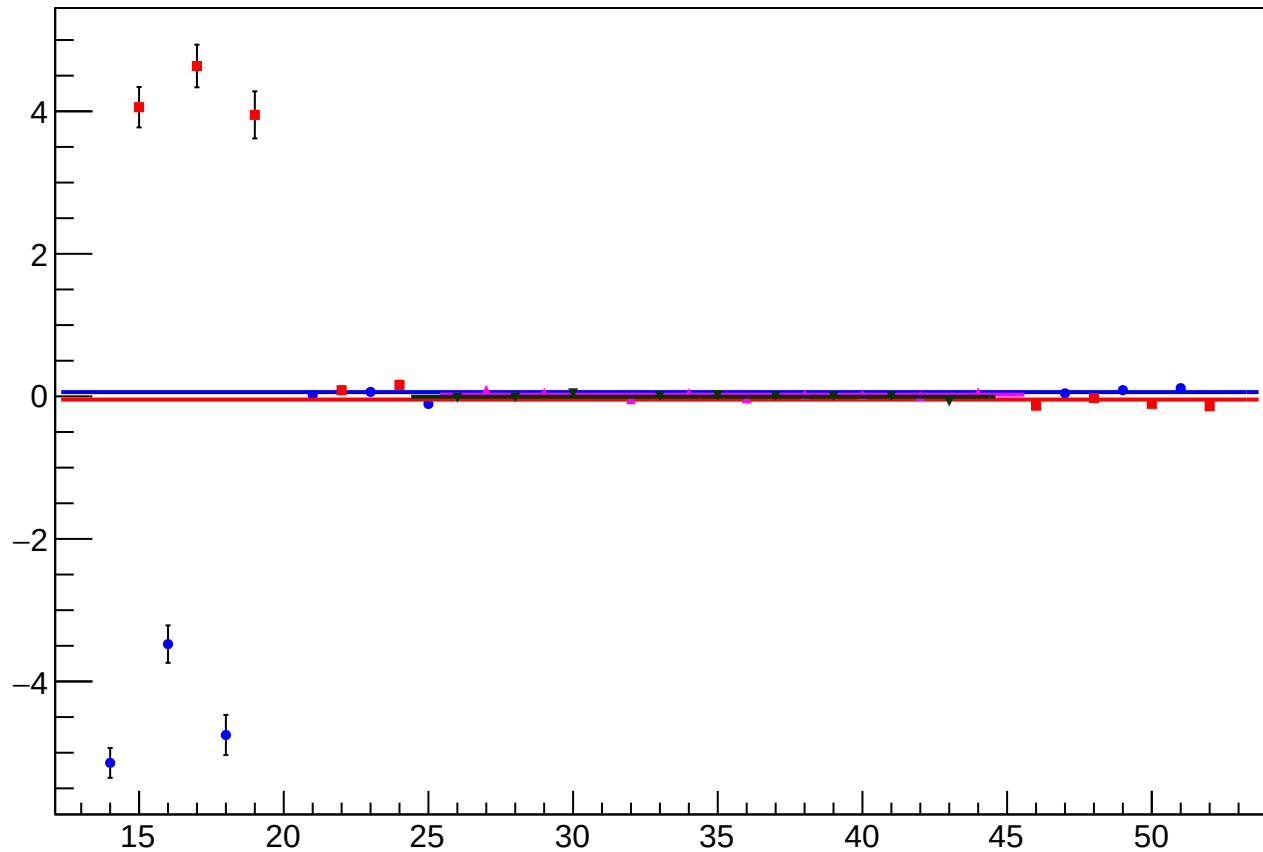
Left Out: -0.021 ± 0.007 $\chi^2/\text{NDF}: 59.1/8$

Right Out: 0.031 ± 0.008 $\chi^2/\text{NDF}: 67.9/8$

Left In: 0.034 ± 0.006 $\chi^2/\text{NDF}: 46.4/8$

0.011 ± 0.004 $\chi^2/\text{NDF}: 336.6/35$

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.060+/-0.006 χ^2/NDF : 1158.2/8

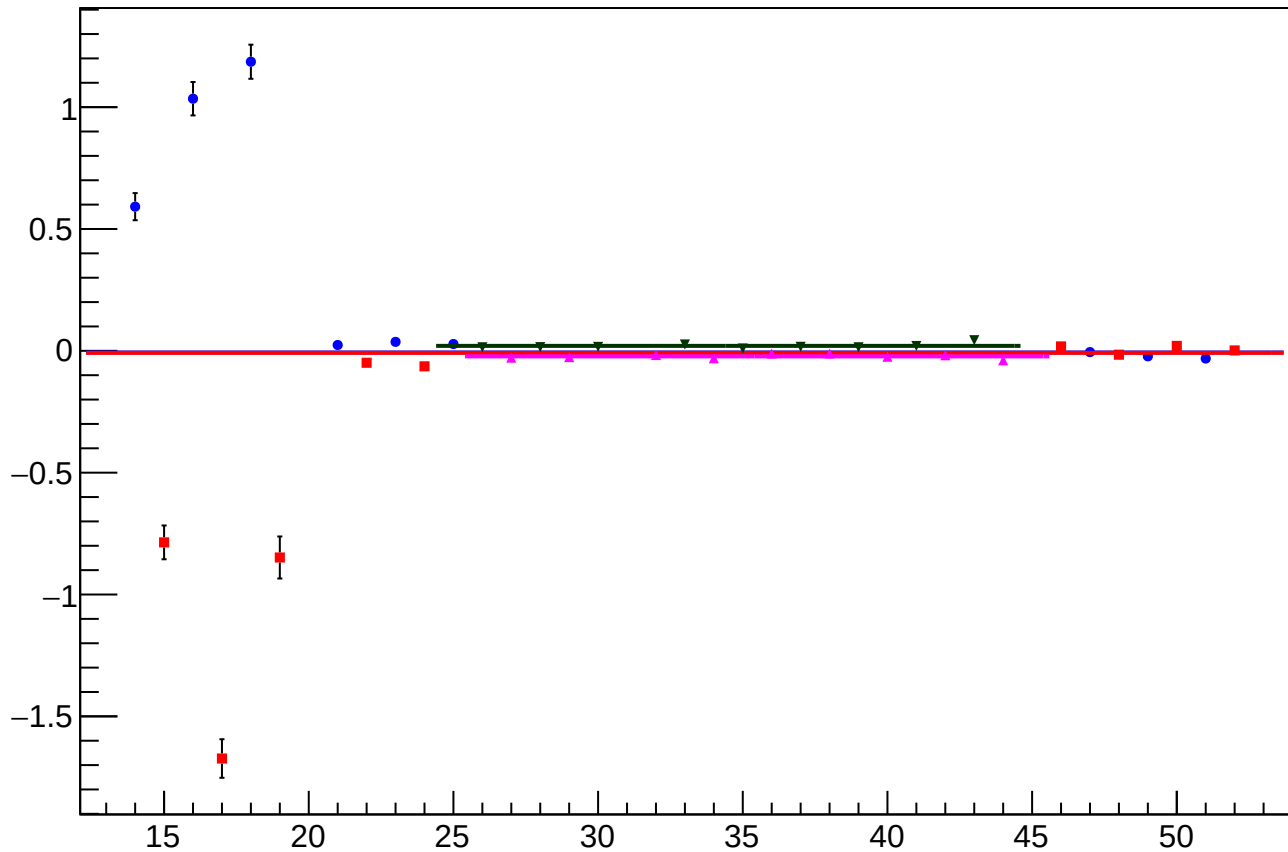
Left Out: -0.005+/-0.005 χ^2/NDF : 34.9/8

Right Out: -0.045+/-0.006 χ^2/NDF : 882.4/8

Left In: 0.024+/-0.005 χ^2/NDF : 75.1/8

0.010+/-0.003 χ^2/NDF : 2309.5/35

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.007 ± 0.001 χ^2/NDF : 898.9/8

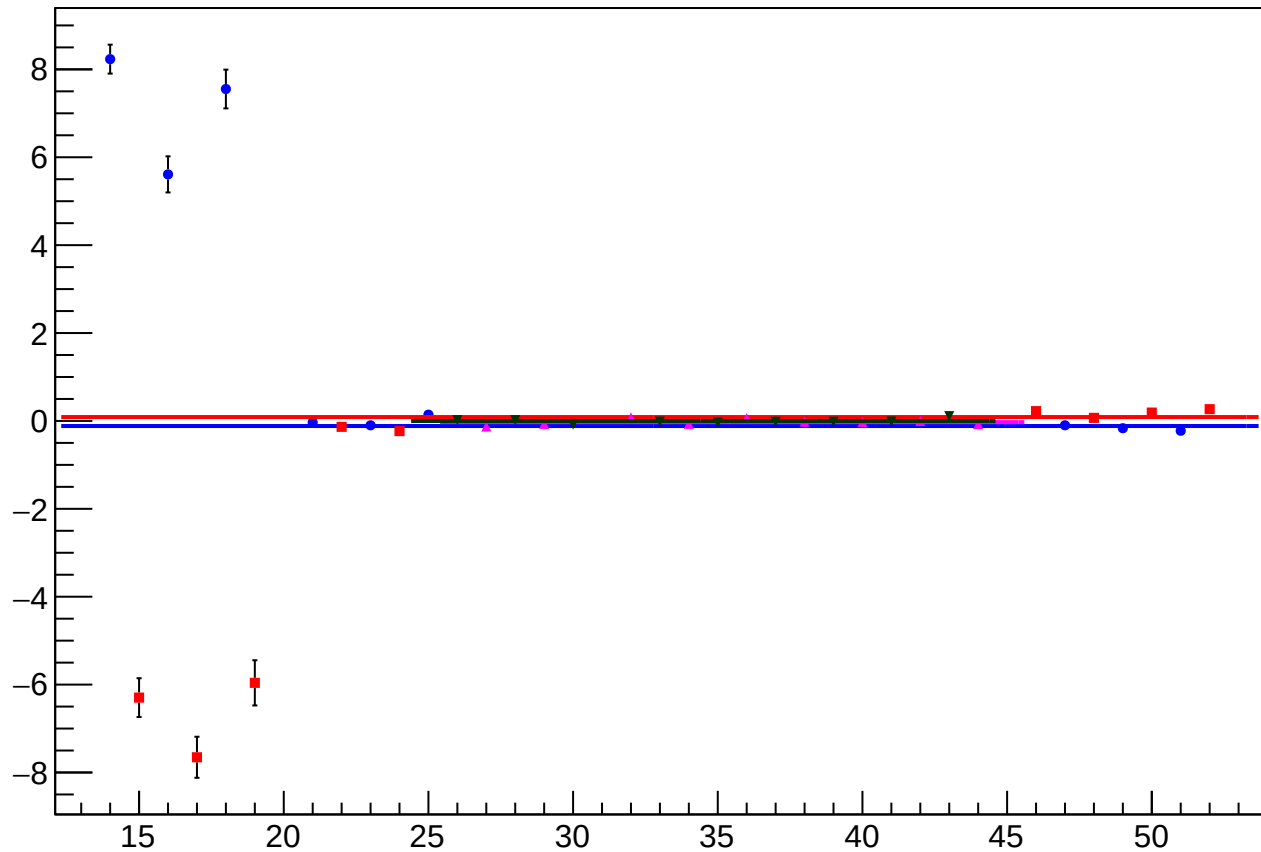
Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

Right Out: -0.008 ± 0.001 χ^2/NDF : 1060.9/8

Left In: -0.023 ± 0.001 χ^2/NDF : 60.4/8

-0.004 ± 0.001 χ^2/NDF : 2869.0/35

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.116 ± 0.010 $\chi^2/\text{NDF}: 1216.7/8$

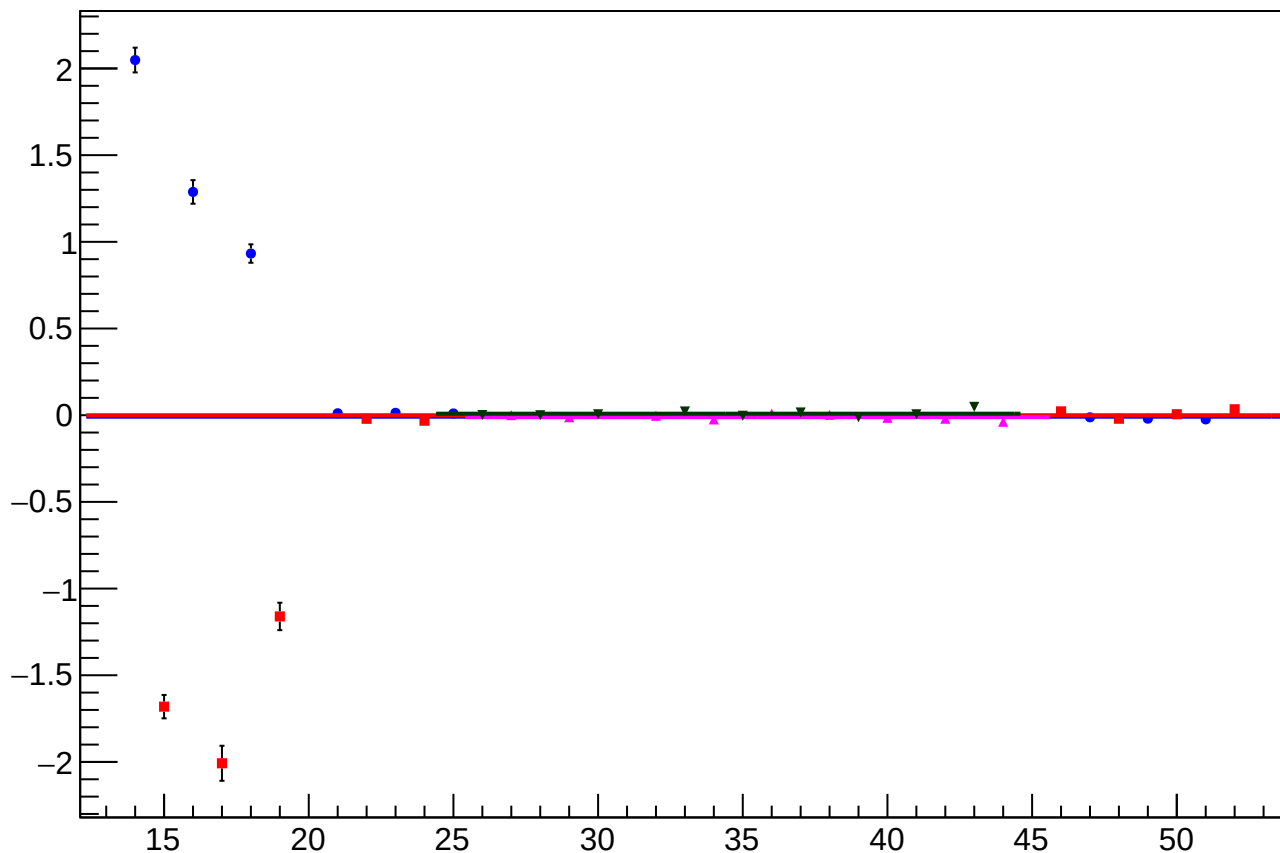
Left Out: -0.003 ± 0.009 $\chi^2/\text{NDF}: 34.3/8$

Right Out: 0.088 ± 0.010 $\chi^2/\text{NDF}: 924.1/8$

Left In: -0.028 ± 0.008 $\chi^2/\text{NDF}: 72.1/8$

-0.016 ± 0.005 $\chi^2/\text{NDF}: 2452.5/35$

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.009 ± 0.002 χ^2/NDF : 1559.1/8

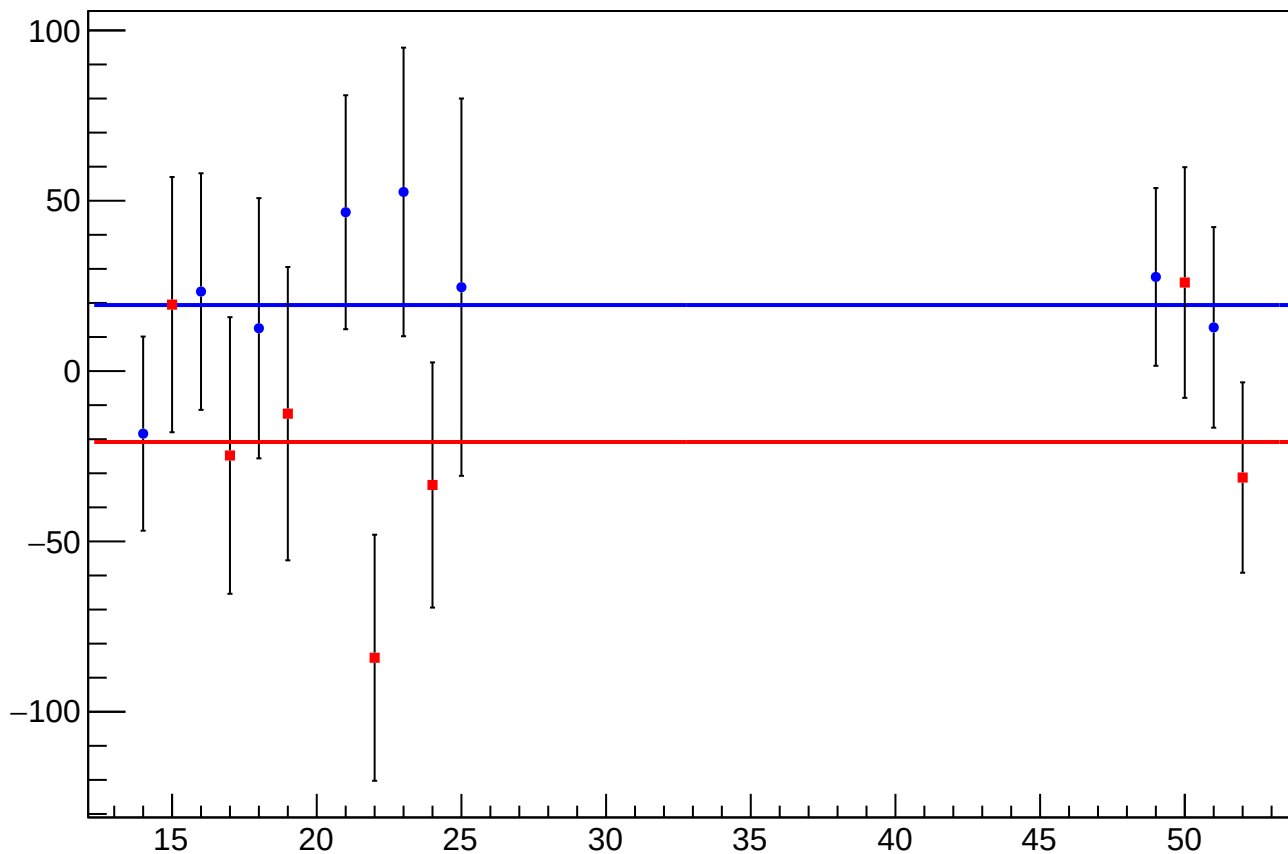
Left Out: 0.009 ± 0.002 χ^2/NDF : 124.4/8

Right Out: -0.000 ± 0.002 χ^2/NDF : 1397.1/8

Left In: -0.011 ± 0.002 χ^2/NDF : 77.3/8

-0.002 ± 0.001 χ^2/NDF : 3255.1/35

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 19.386+/-11.867 χ^2/NDF : 3.2/7

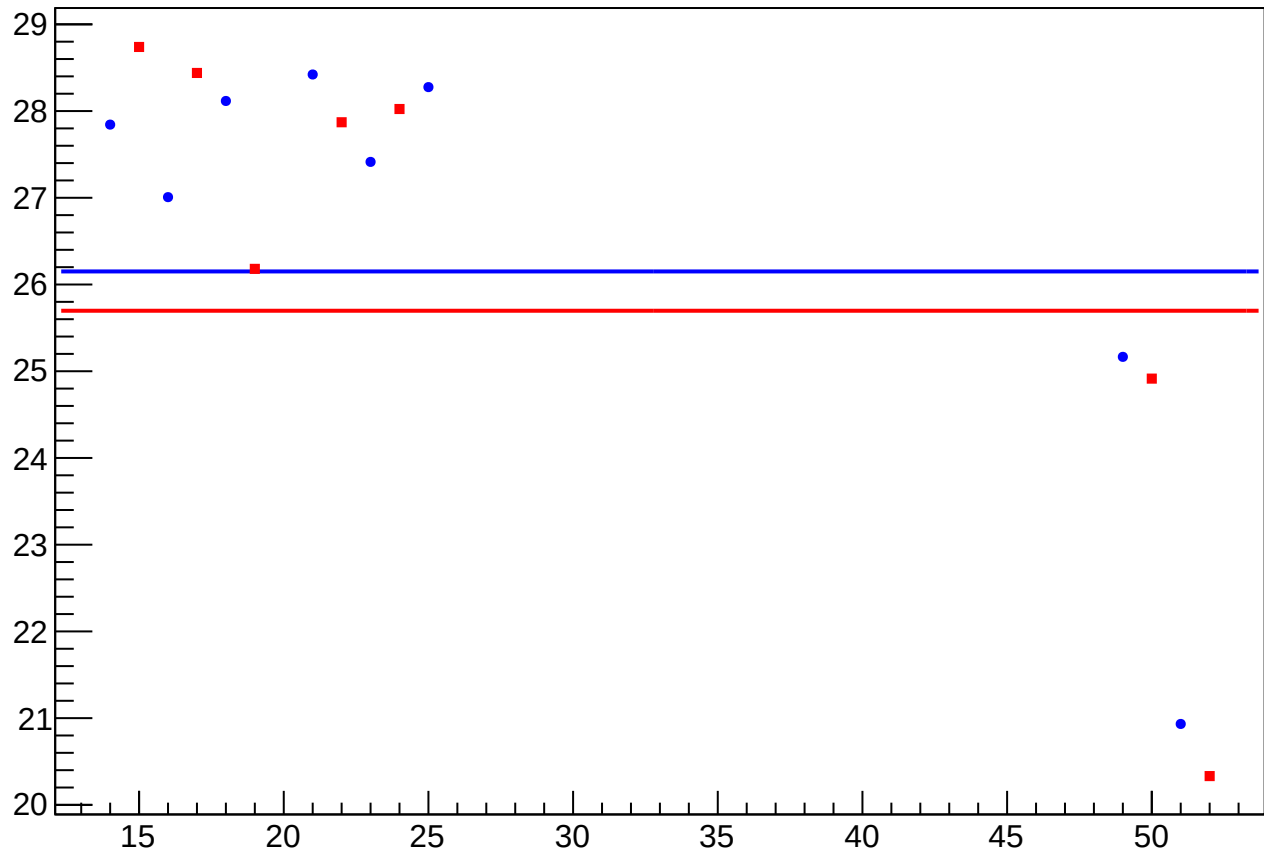
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.814+/-13.421 χ^2/NDF : 6.5/6

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

1.748+/-8.890 χ^2/NDF : 14.7/14

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 26.151+/-0.008 χ^2/NDF : 92719.1/7

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

Right Out: 25.698+/-0.009 χ^2/NDF : 112981.6/6

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

25.952+/-0.006 χ^2/NDF : 206980.9/14

bcm_dg_us_dg_ds_avg_mean vs slug



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

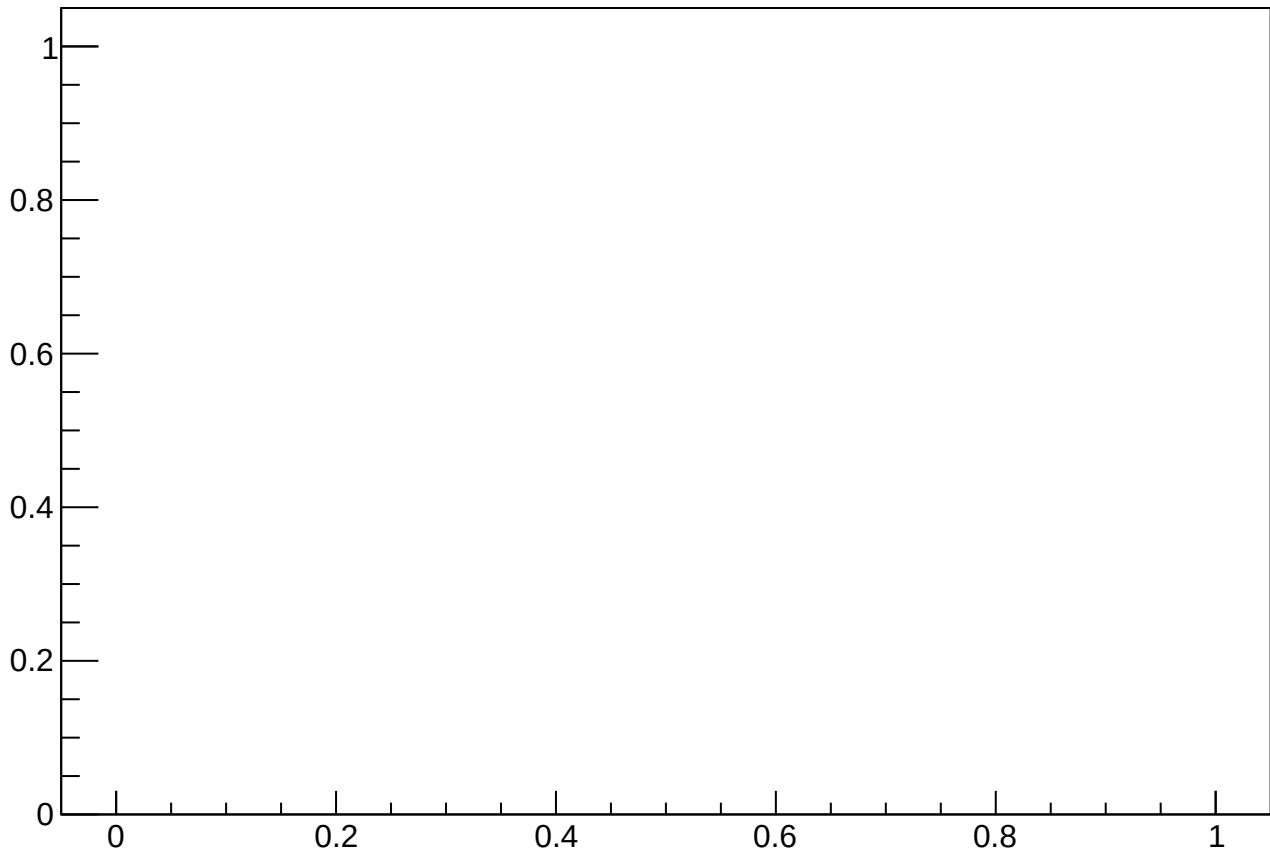
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

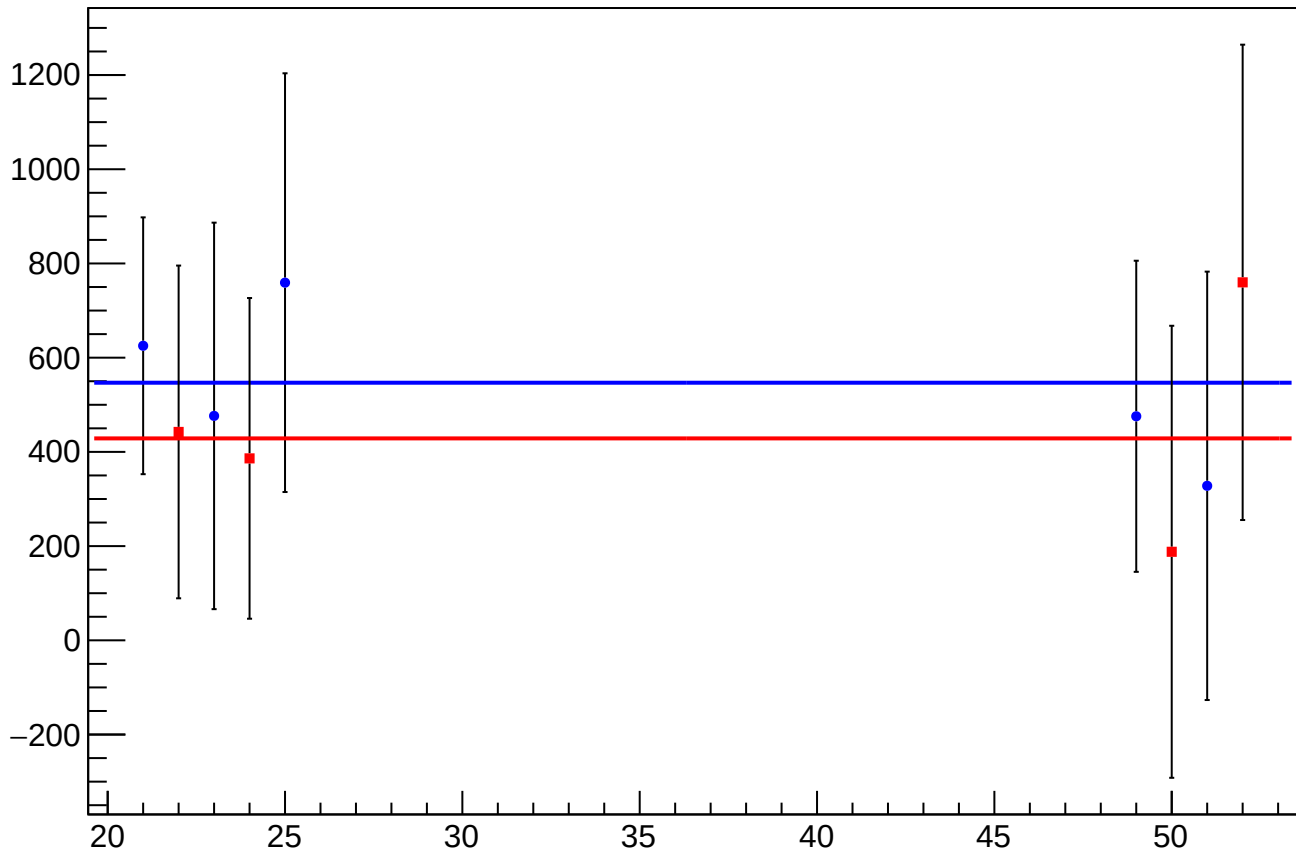
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 161.224 χ^2 /NDF: 0.6/4

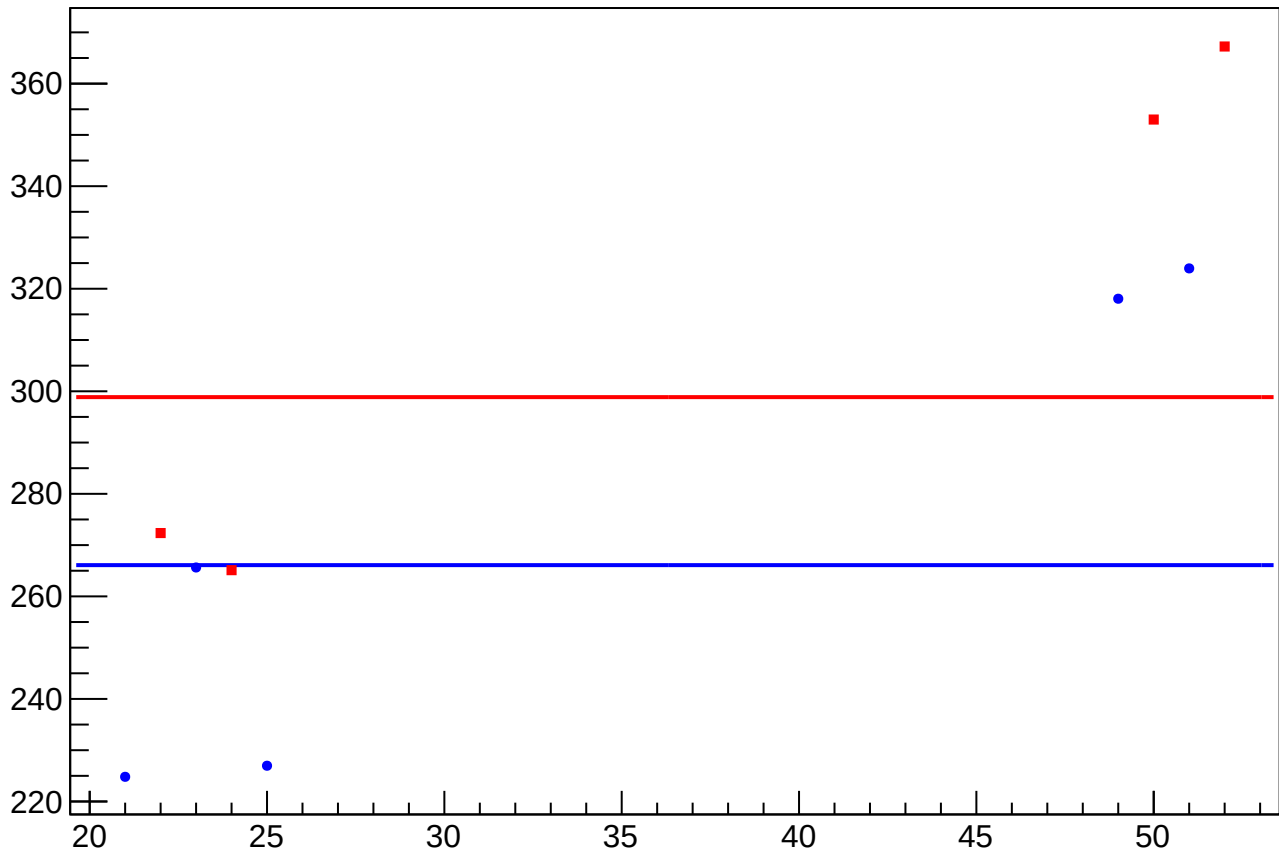
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 428.632 $\pm$ 200.316 χ^2 /NDF: 0.7/3

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

500.372 $\pm$ 125.597 χ^2 /NDF: 1.5/8

asym_us_agg_avg_rms vs slug



Right In: 266.095+/-0.114 χ^2/NDF : 143287.9/4

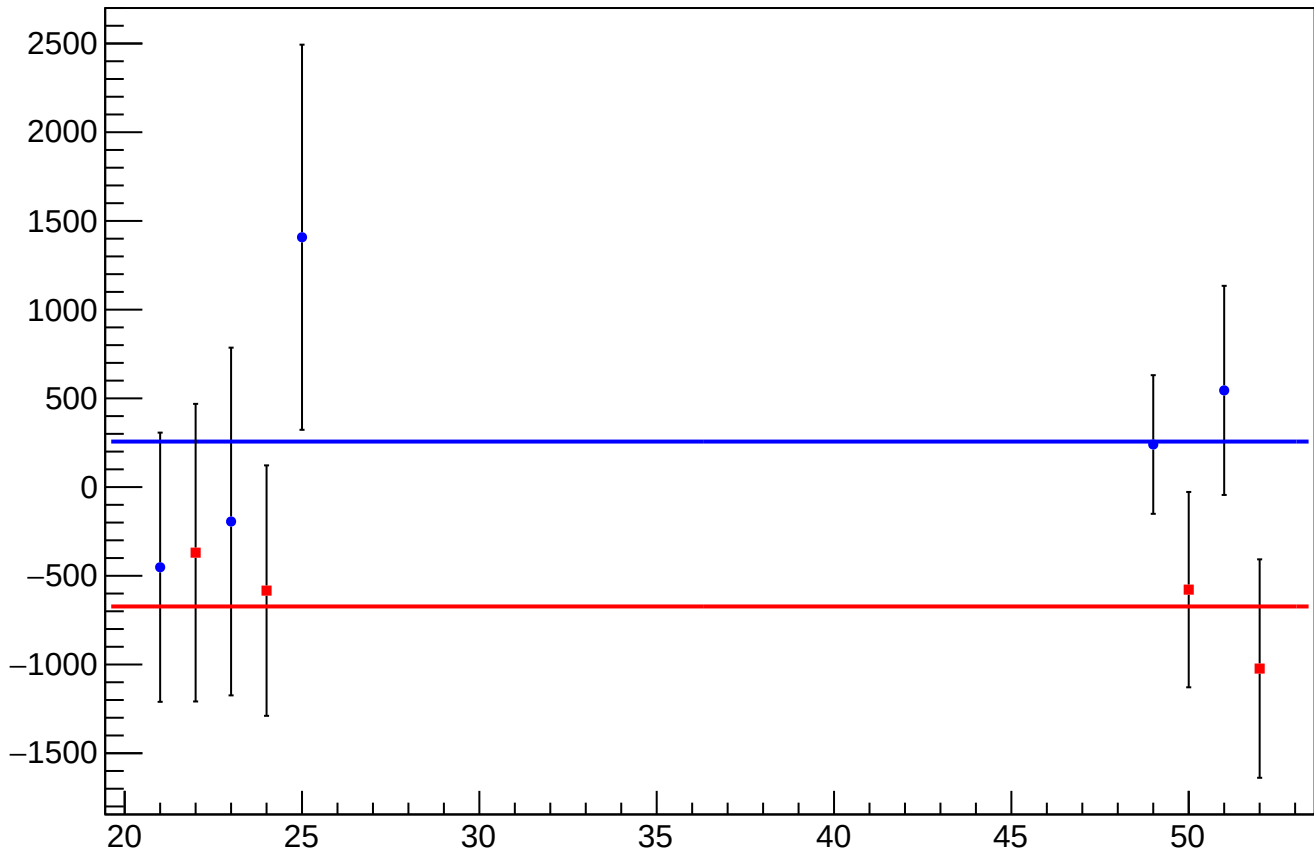
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

278.976+/-0.089 χ^2/NDF : 268893.6/8

Right Out: 298.860+/-0.142 χ^2/NDF : 93131.3/3

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

asym_us_agg_dd_mean vs slug



Right In: 256.525+/-276.733 χ^2 /NDF: 2.5/4

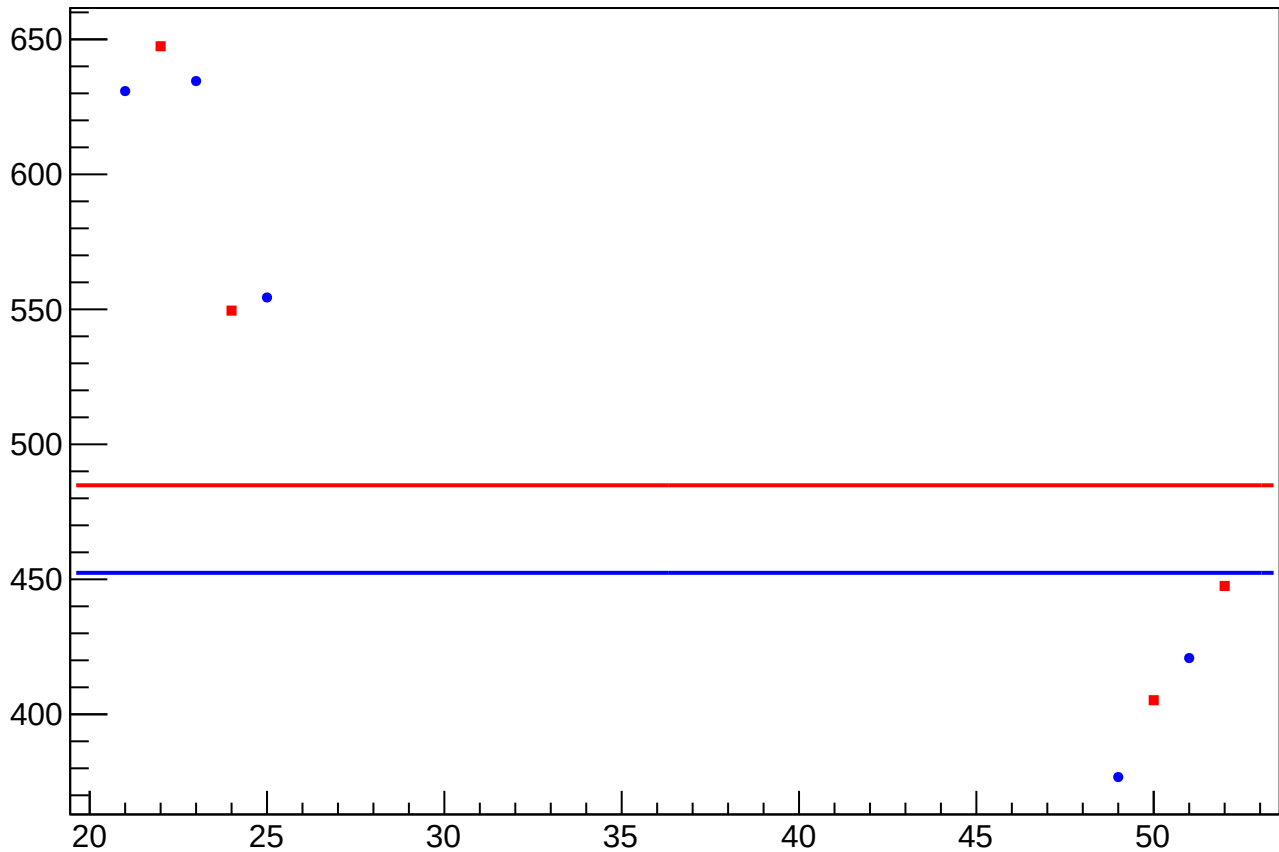
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -672.827+/-326.731 χ^2 /NDF: 0.5/3

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

-131.678+/-211.169 χ^2 /NDF: 7.7/8

asym_us_agg_dd_rms vs slug



Right In: 452.401 $\pm$ 0.196 χ^2 /NDF: 278128.2/4

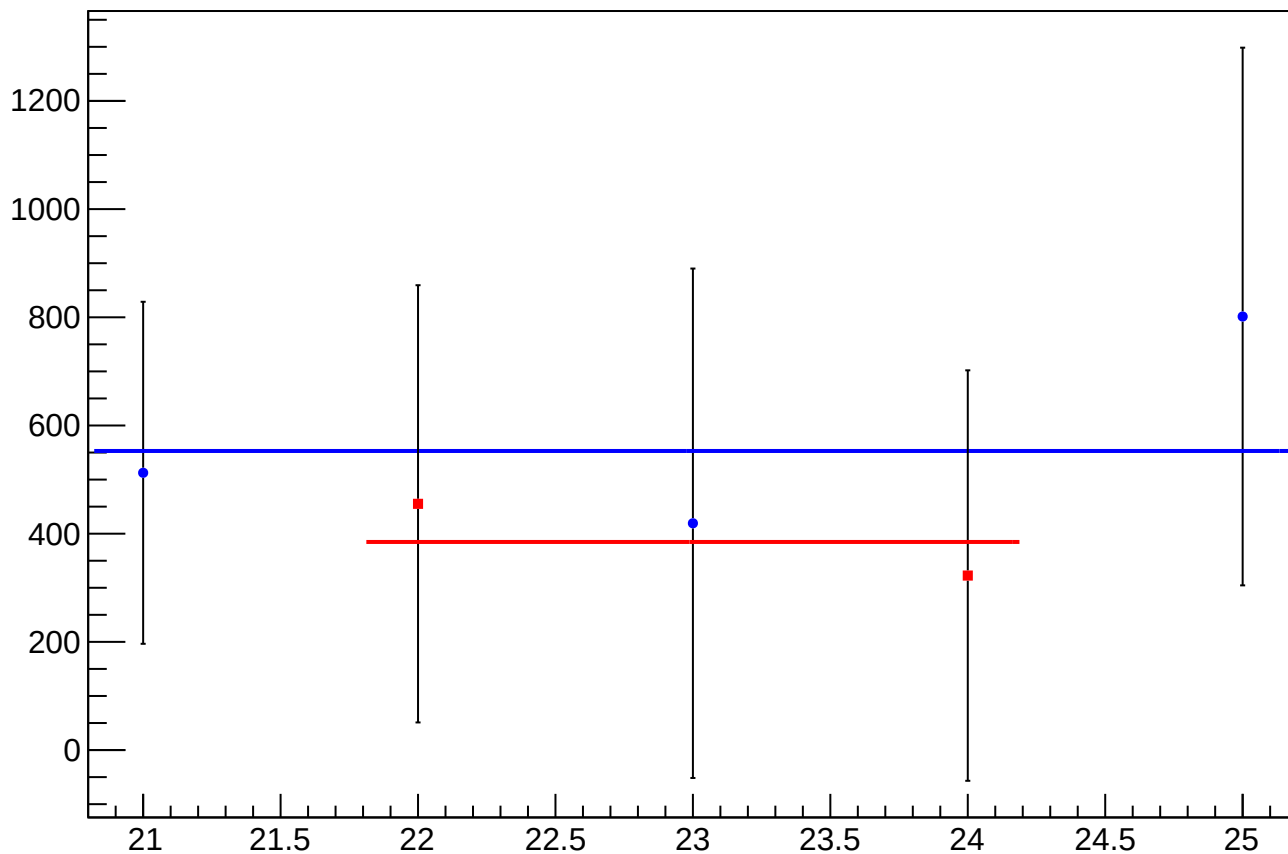
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

465.946 $\pm$ 0.149 χ^2 /NDF: 430760.5/8

Right Out: 484.828 $\pm$ 0.231 χ^2 /NDF: 141161.6/3

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

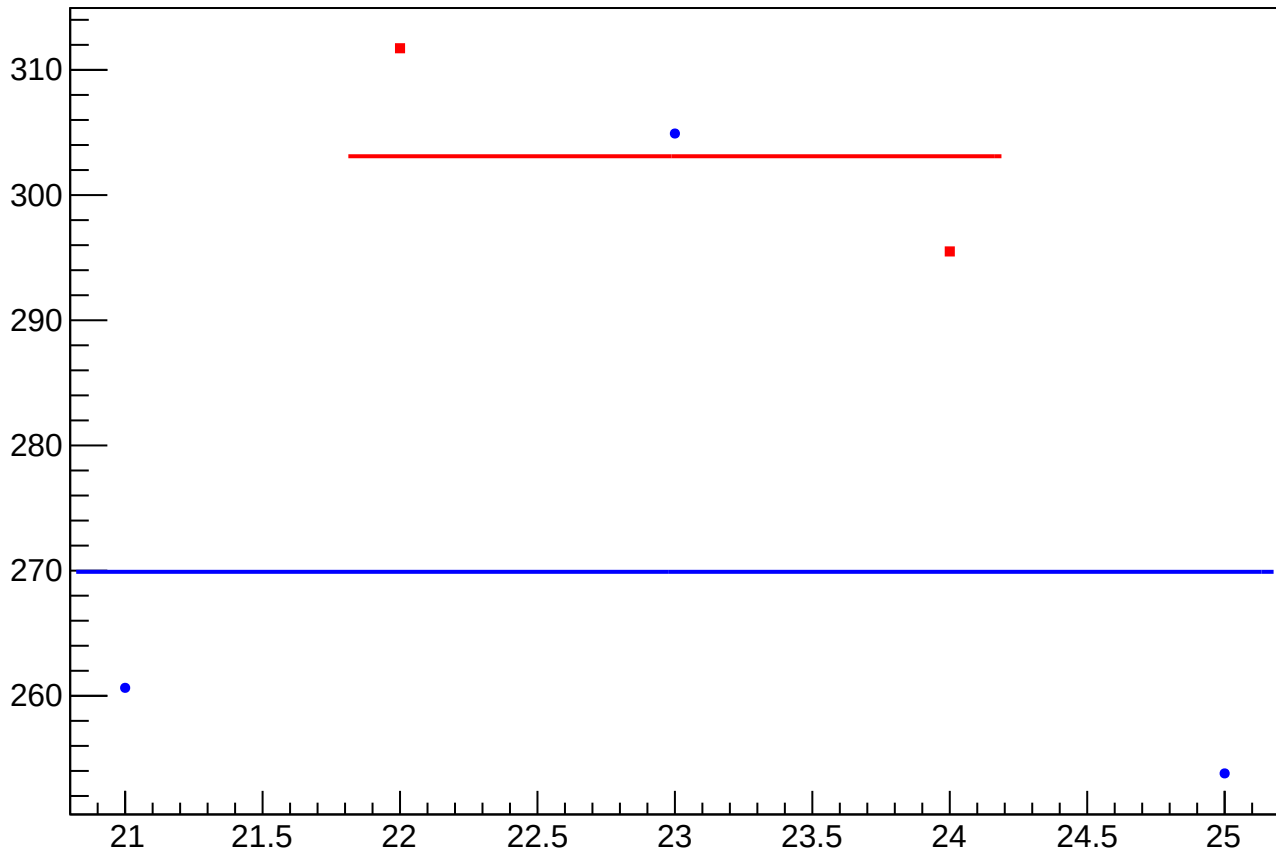
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

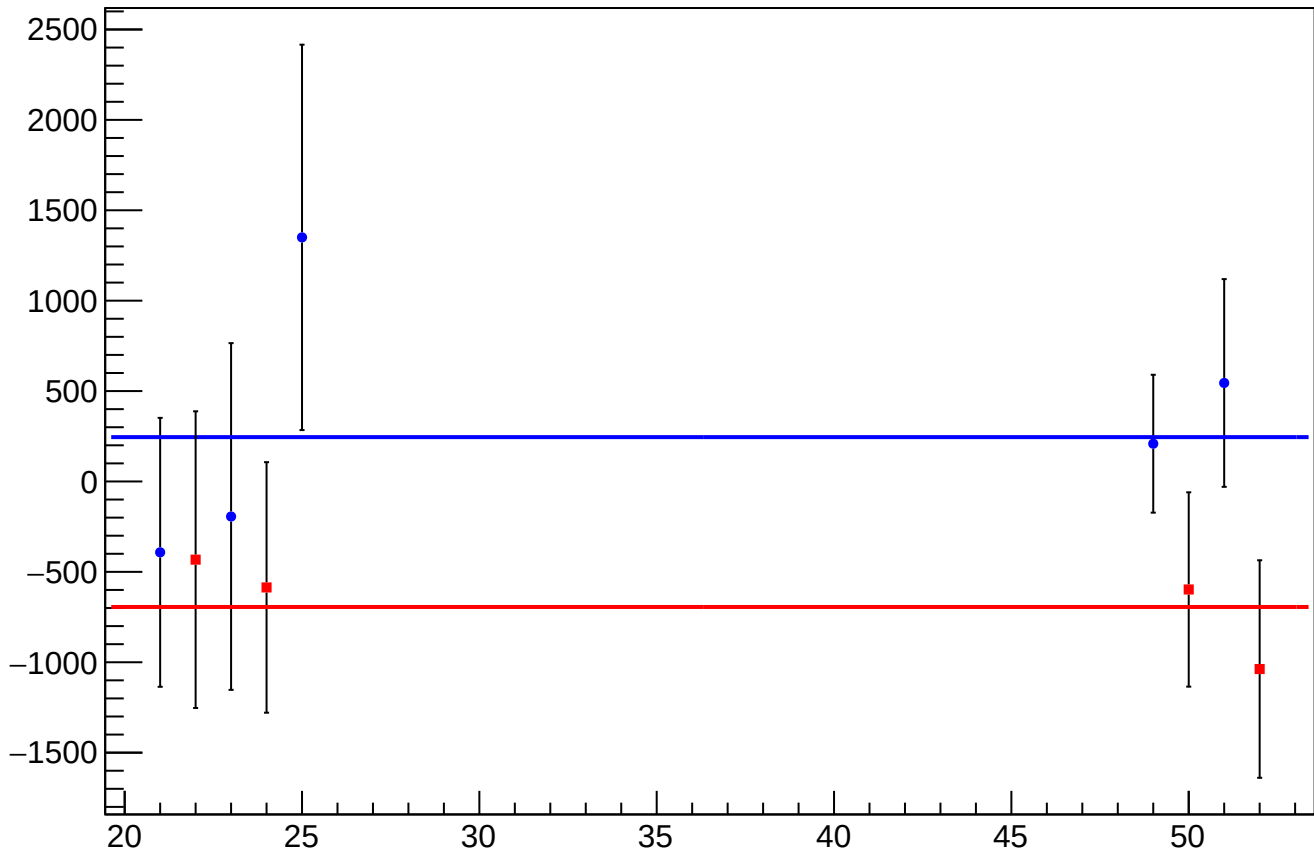
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

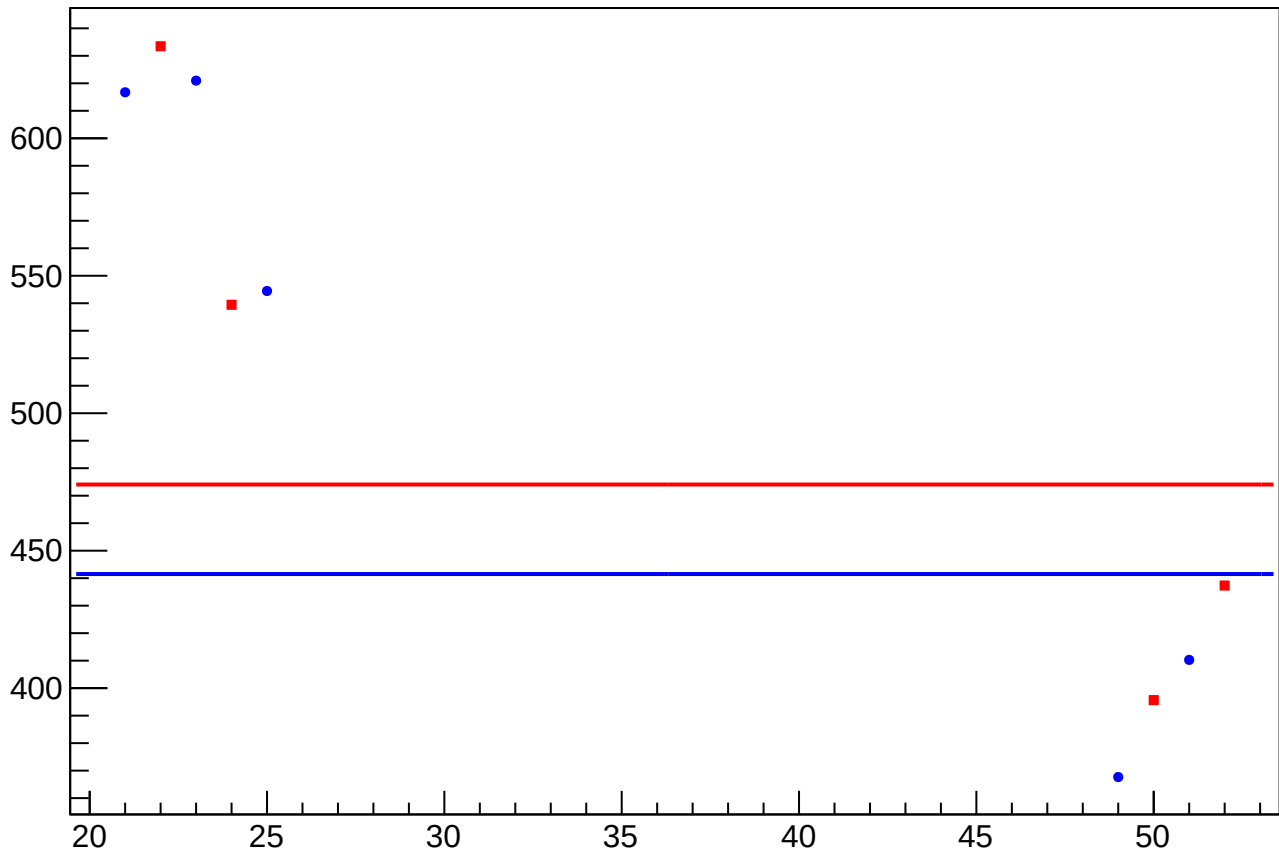
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-146.605+/-206.386 χ^2/NDF : 7.8/8

Right Out: -694.171+/-319.559 χ^2/NDF : 0.5/3

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

asym_ds_agg_dd_rms vs slug



Right In: 441.505+/-0.191 χ^2/NDF : 280658.6/4

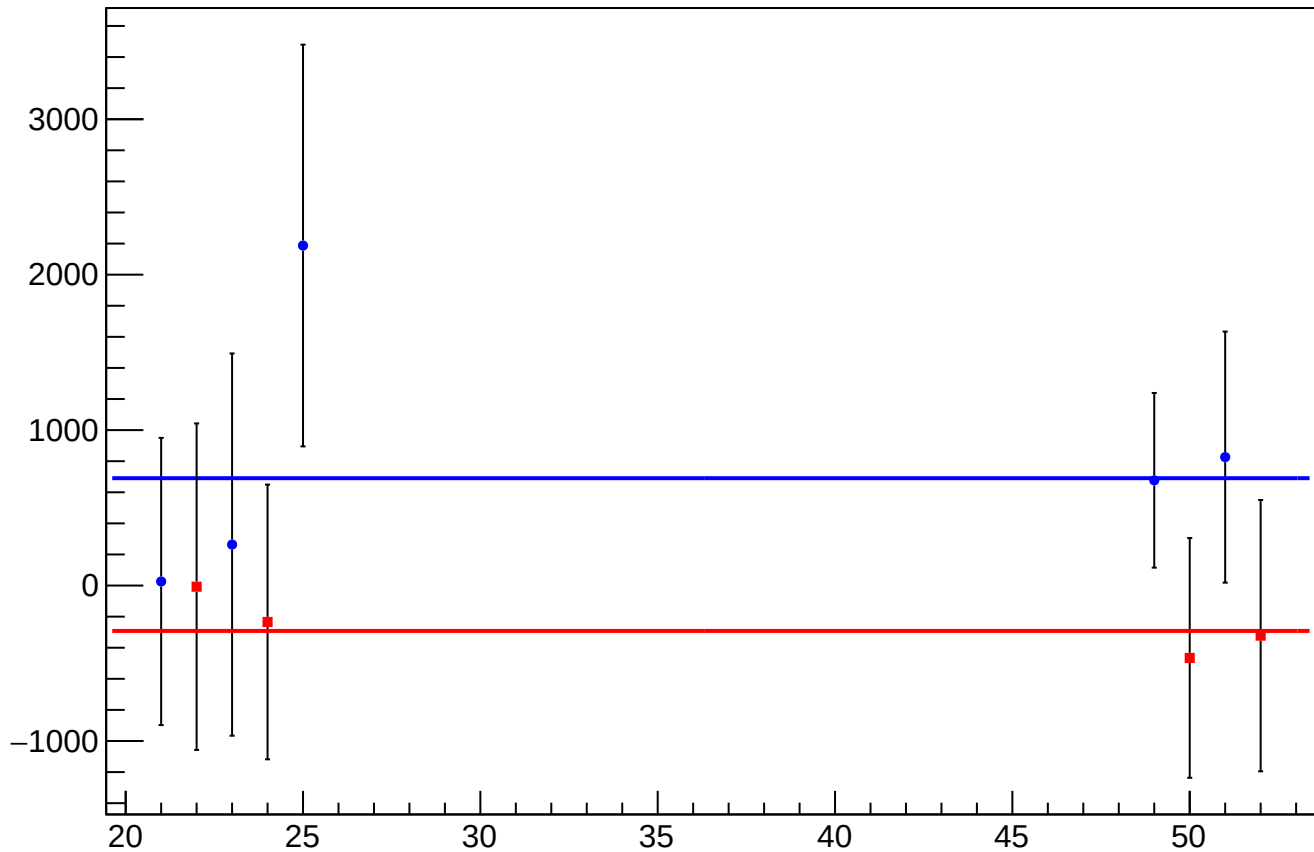
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

455.085+/-0.146 χ^2/NDF : 436082.1/8

Right Out: 474.061+/-0.226 χ^2/NDF : 143323.9/3

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

asym_left_agg_avg_mean vs slug



Right In: 690.683+/-374.427 χ^2/NDF : 2.0/4

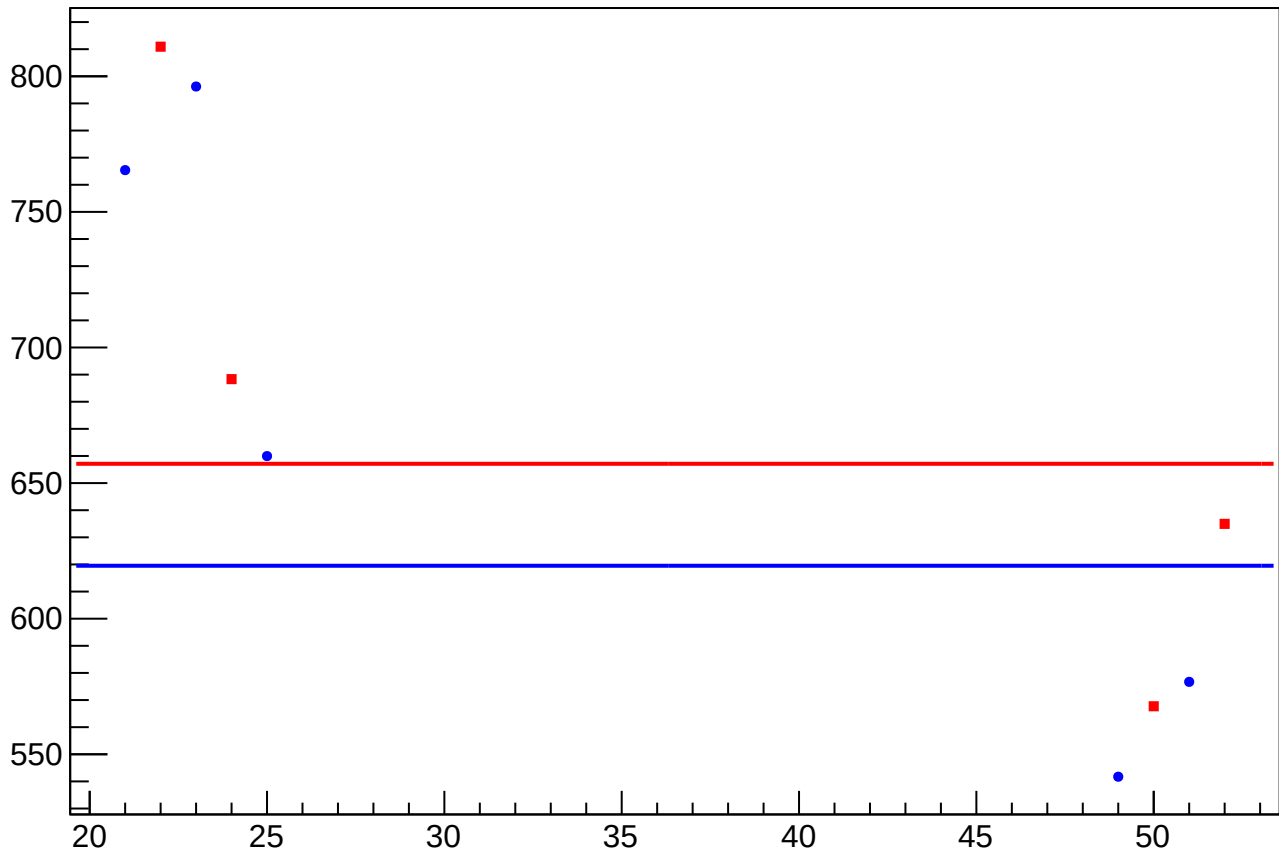
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -291.875+/-439.338 χ^2/NDF : 0.1/3

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

277.283+/-284.973 χ^2/NDF : 5.0/8

asym_left_agg_avg_rms vs slug



Right In: 619.519 $\pm$ 0.265 χ^2 /NDF: 137110.7/4

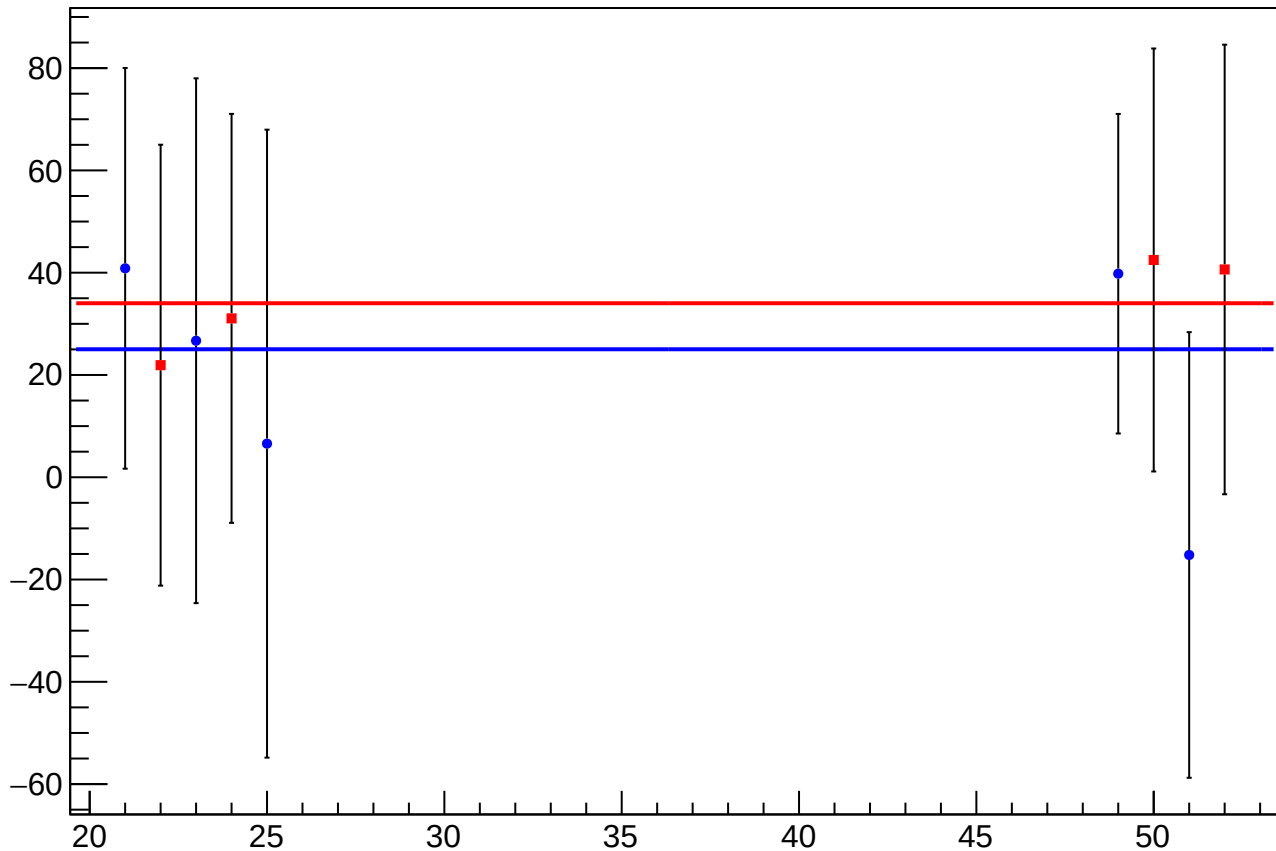
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

635.338 $\pm$ 0.202 χ^2 /NDF: 219140.6/8

Right Out: 657.116 $\pm$ 0.311 χ^2 /NDF: 73545.5/3

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

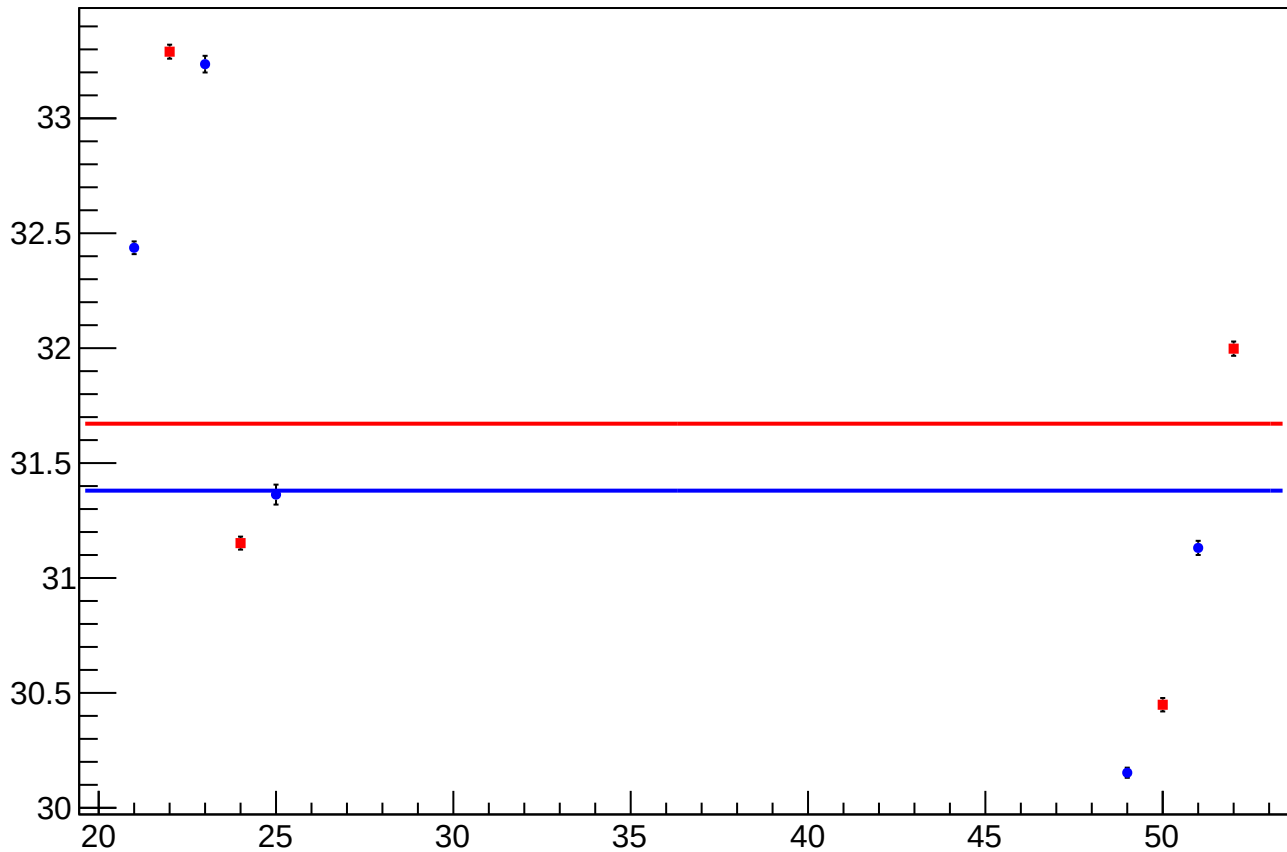
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.025+/-21.008 χ^2/NDF : 0.1/3

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

29.013+/-13.984 χ^2/NDF : 1.6/8

asym_left_agg_dd_rms vs slug



Right In: 31.380 $\pm$ 0.013 χ^2 /NDF: 7223.3/4

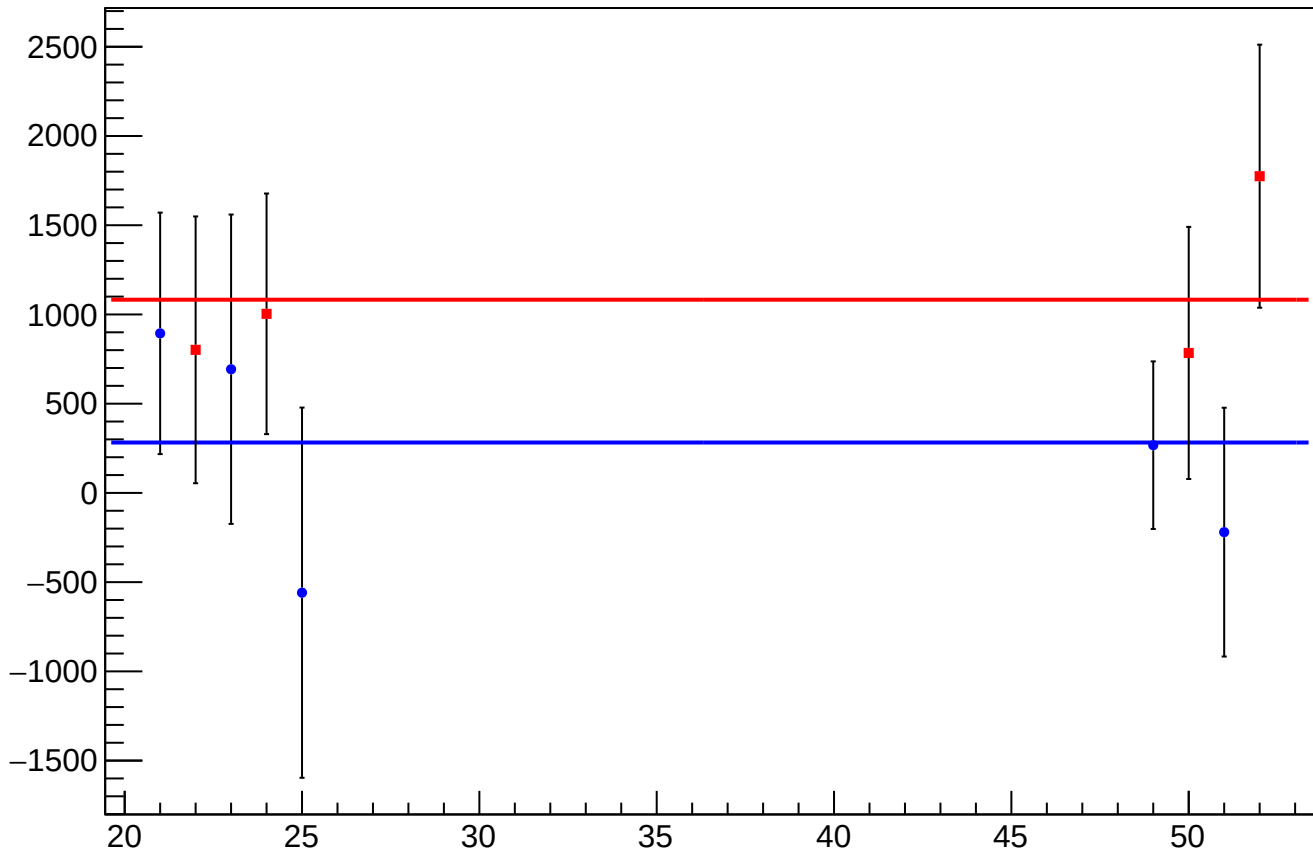
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.509 $\pm$ 0.010 χ^2 /NDF: 12454.1/8

Right Out: 31.671 $\pm$ 0.015 χ^2 /NDF: 5016.6/3

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

asym_right_agg_avg_mean vs slug



Right In: 282.395 $\pm$ 300.968 χ^2 /NDF: 2.2/4

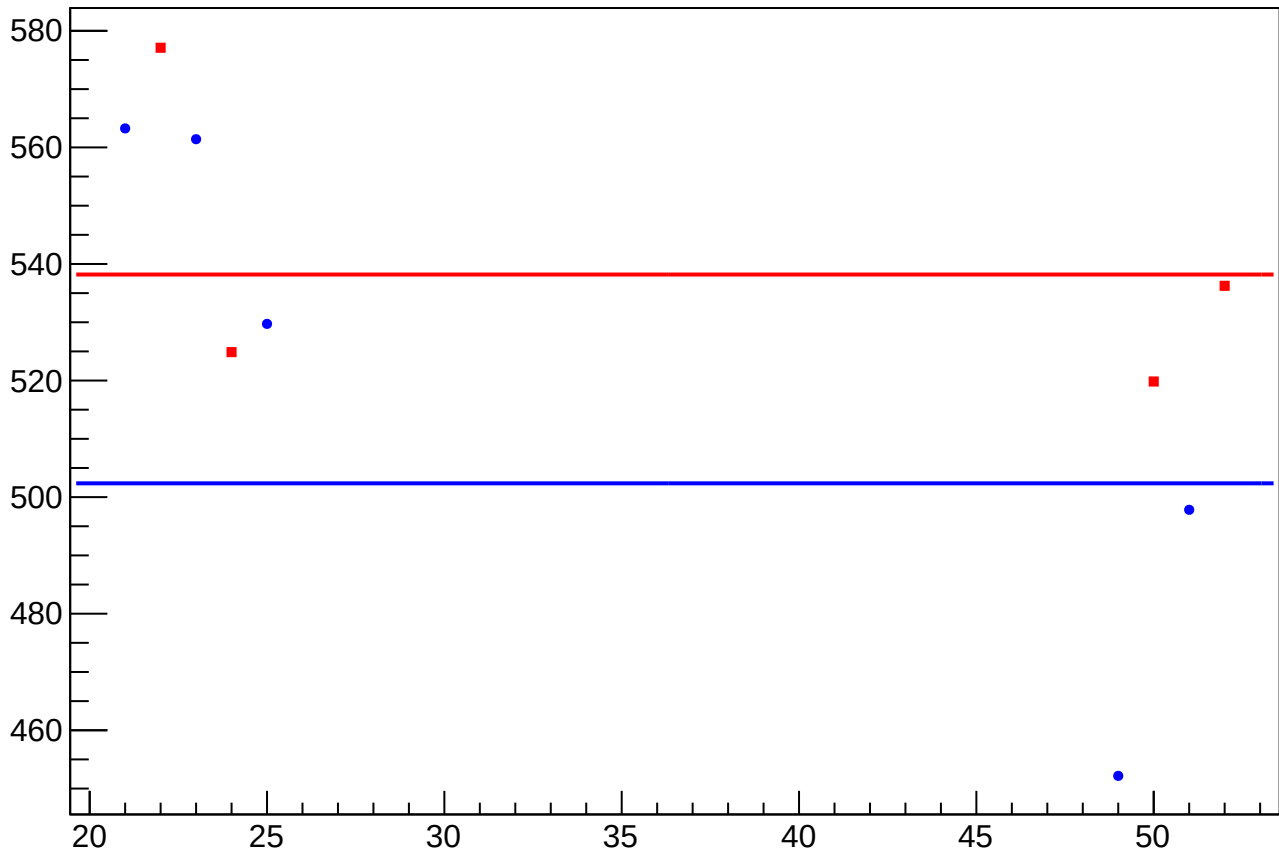
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

614.577 $\pm$ 230.174 χ^2 /NDF: 6.4/8

Right Out: 1082.616 $\pm$ 357.251 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 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

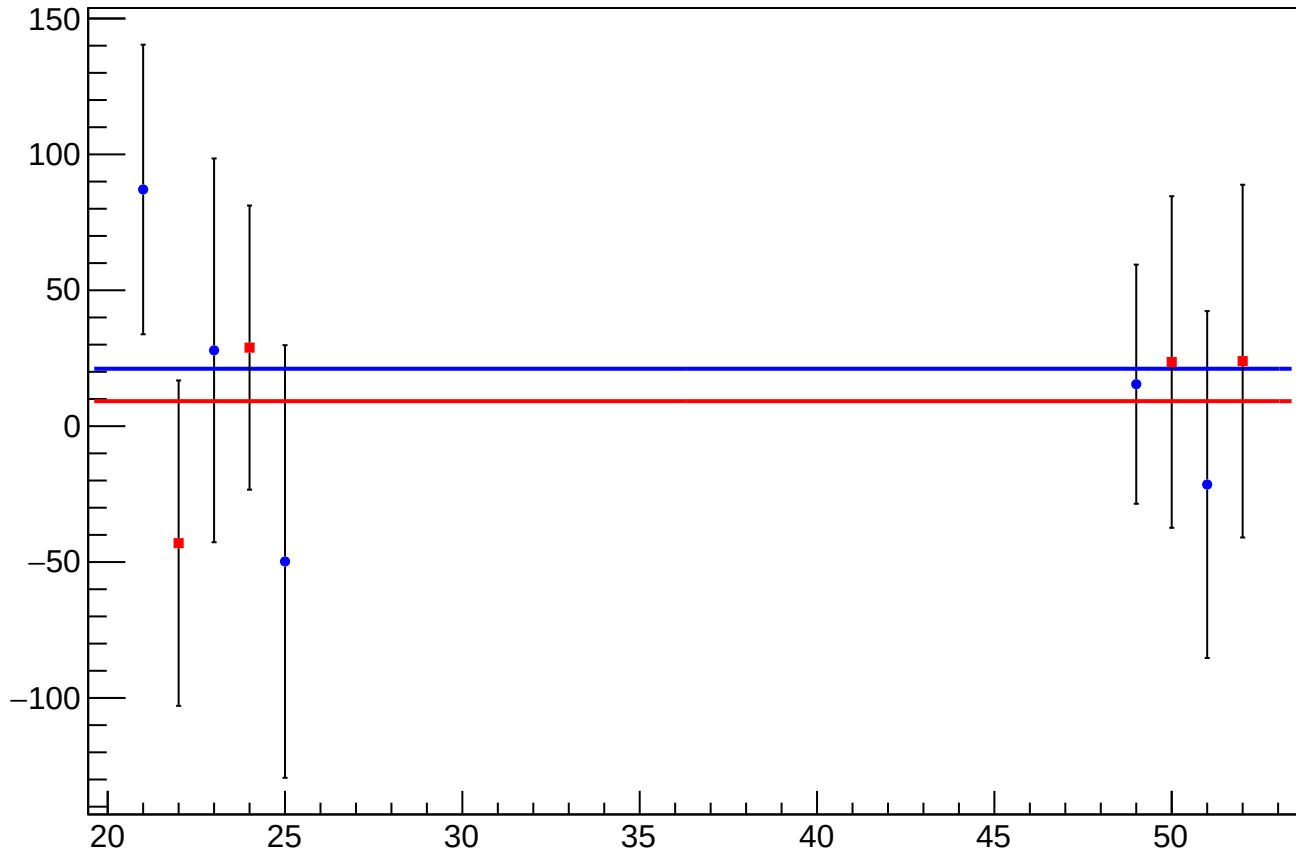
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

517.237 $\pm$ 0.163 χ^2 /NDF: 69138.1/8

Right Out: 538.190 $\pm$ 0.253 χ^2 /NDF: 7562.2/3

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

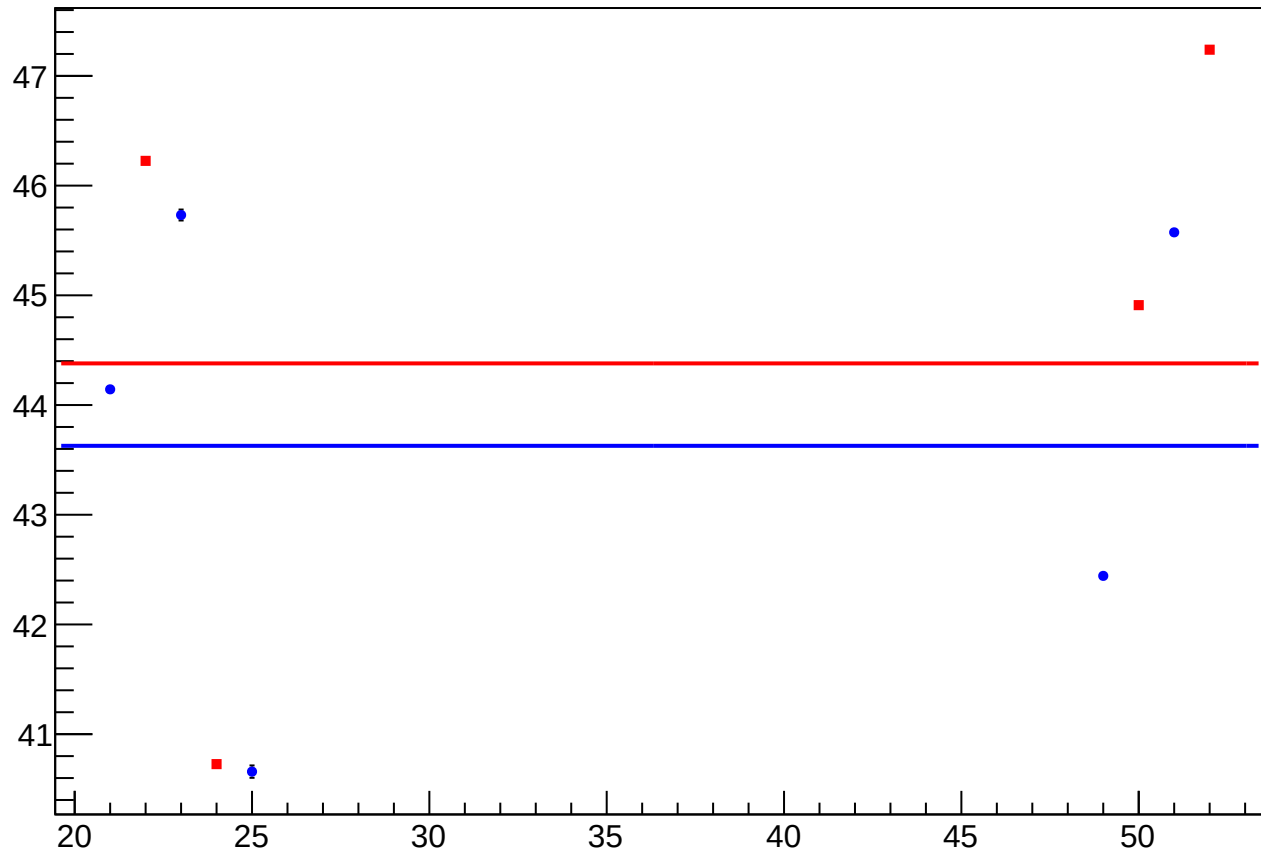
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.901+/-19.521 χ^2/NDF : 3.9/8

Right Out: 9.206+/-29.474 χ^2/NDF : 1.0/3

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

asym_right_agg_dd_rms vs slug



Right In: 43.628+/-0.018 χ^2/NDF : 8058.5/4

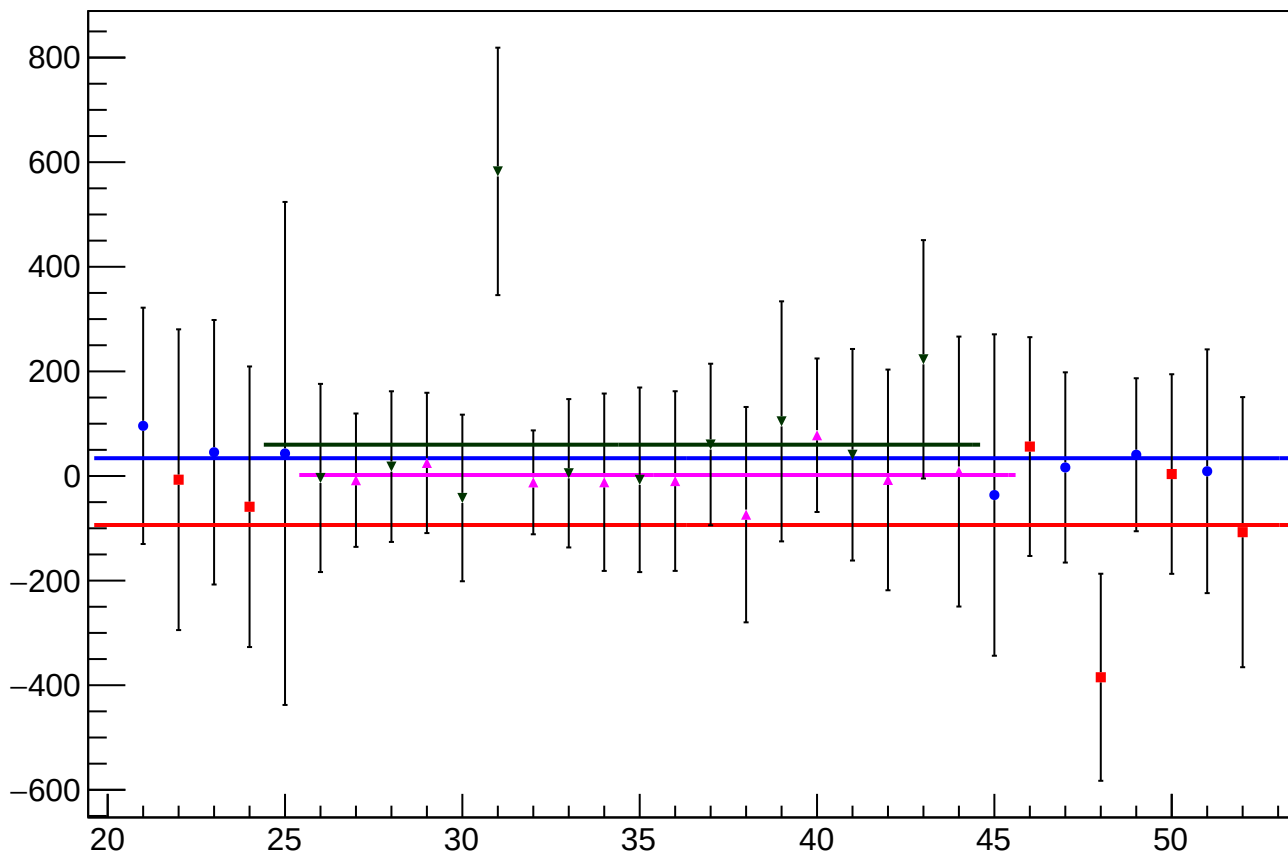
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.958+/-0.014 χ^2/NDF : 24487.9/8

Right Out: 44.379+/-0.021 χ^2/NDF : 15700.0/3

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 34.027+/-82.887 χ^2/NDF : 0.2/6

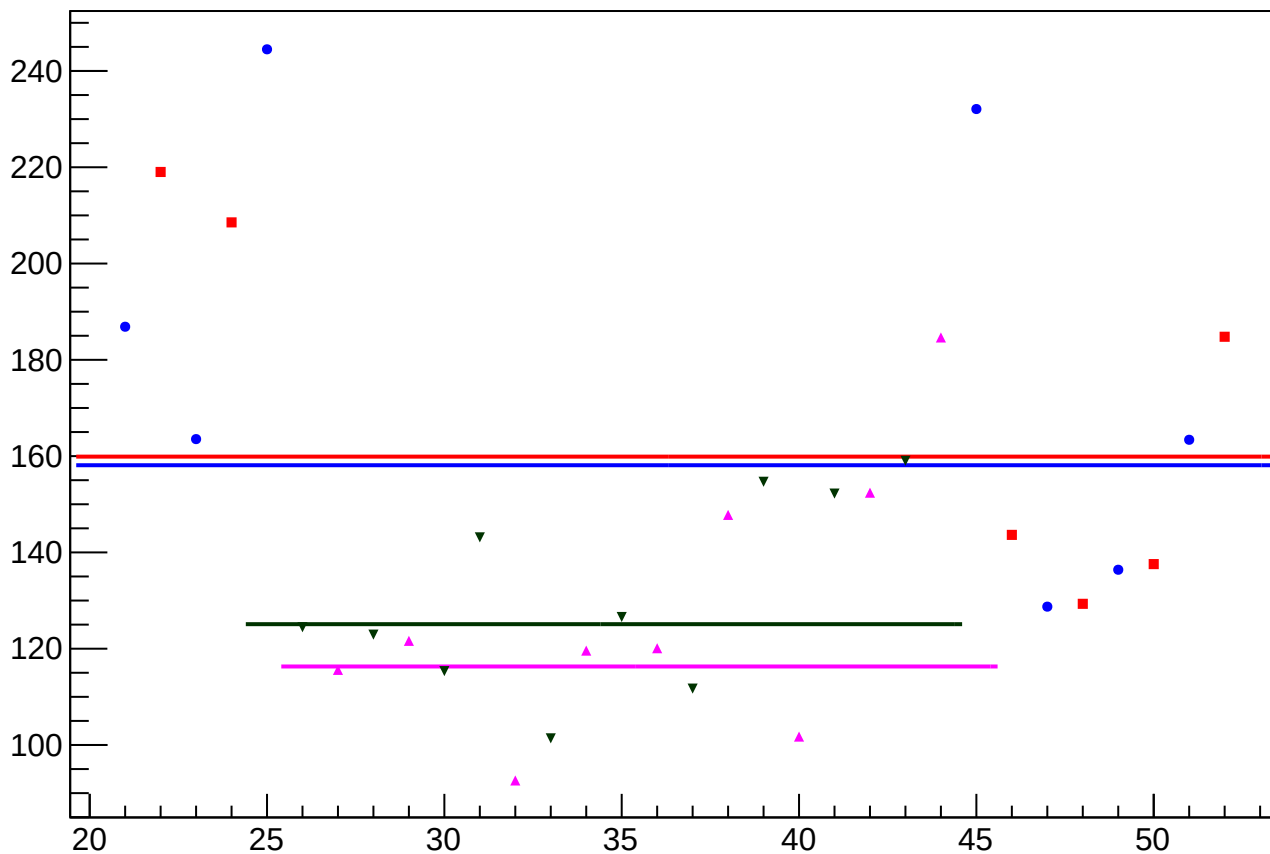
Left Out: 59.870+/-55.655 χ^2/NDF : 6.4/9

14.384+/-31.946 χ^2/NDF : 12.2/31

Right Out: -93.685+/-92.514 χ^2/NDF : 3.0/5

Left In: 1.923+/-50.339 χ^2/NDF : 0.5/8

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 158.108 ± 0.059 χ^2/NDF : 311135.8/6

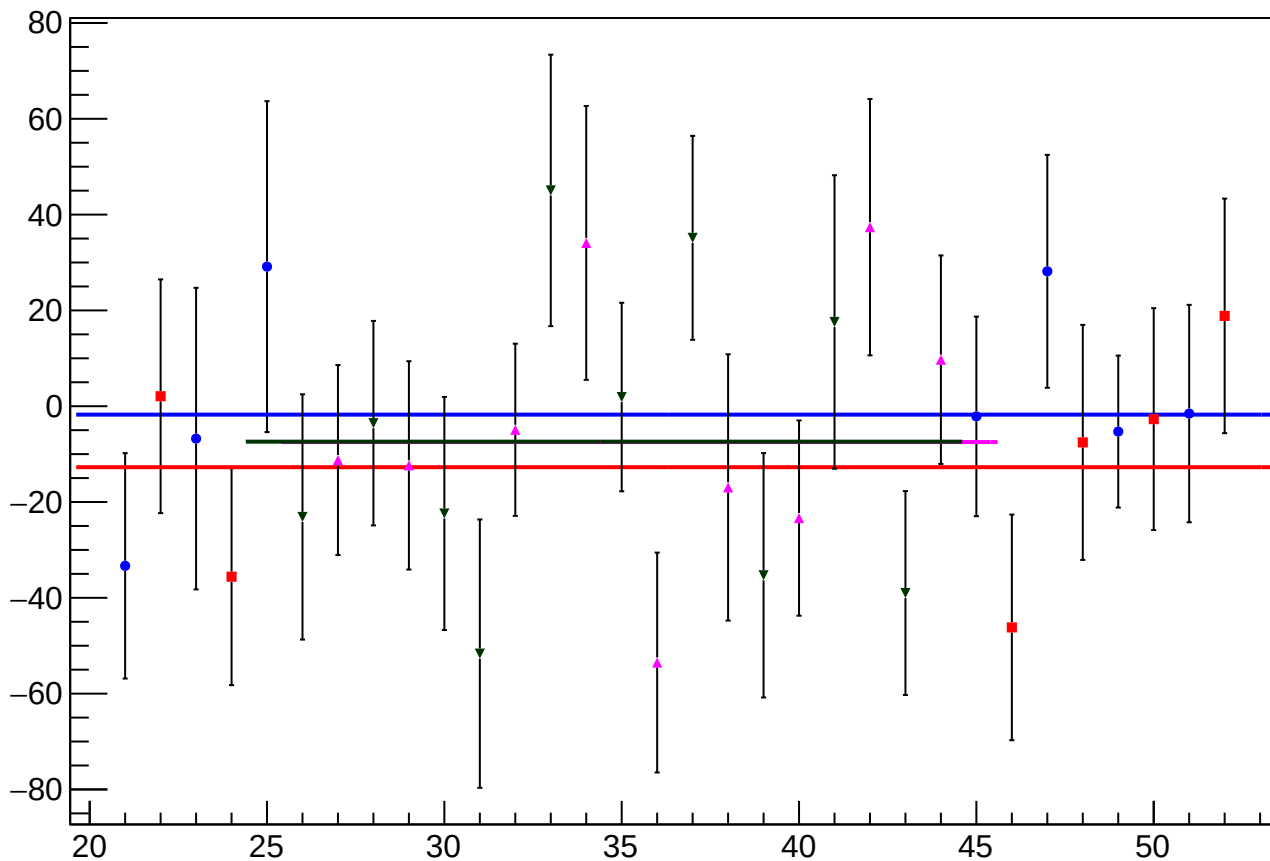
Left Out: 125.094 ± 0.039 χ^2/NDF : 204235.7/9

Right Out: 159.895 ± 0.065 χ^2/NDF : 256138.5/5

Left In: 116.306 ± 0.036 χ^2/NDF : 383847.2/8

130.609 ± 0.023 χ^2/NDF : 1757002.1/31

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.757 ± 8.585 $\chi^2/\text{NDF}: 4.2/6$

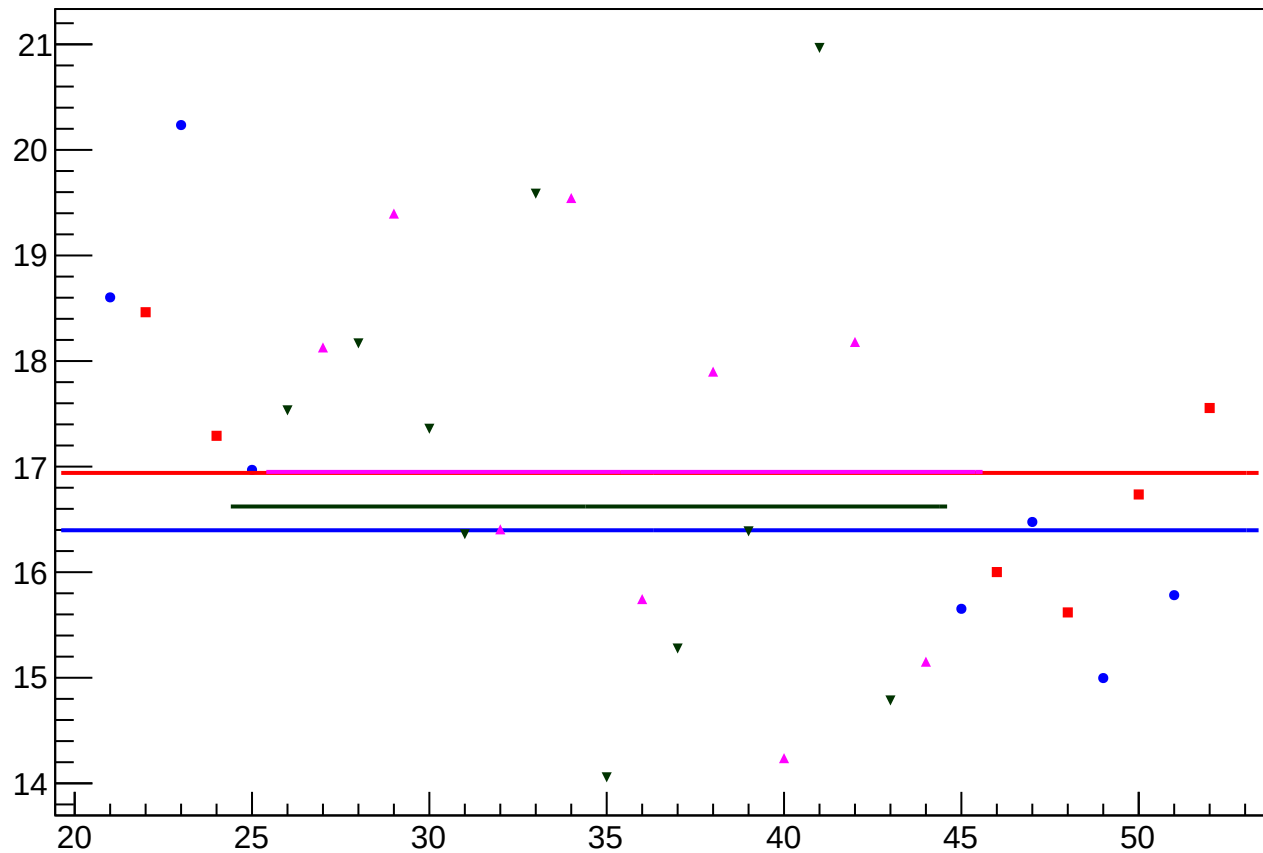
Left Out: -7.396 ± 7.553 $\chi^2/\text{NDF}: 15.0/9$

Right Out: -12.731 ± 9.700 $\chi^2/\text{NDF}: 5.3/5$

Left In: -7.478 ± 7.436 $\chi^2/\text{NDF}: 10.4/8$

-7.090 ± 4.089 $\chi^2/\text{NDF}: 35.6/31$

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

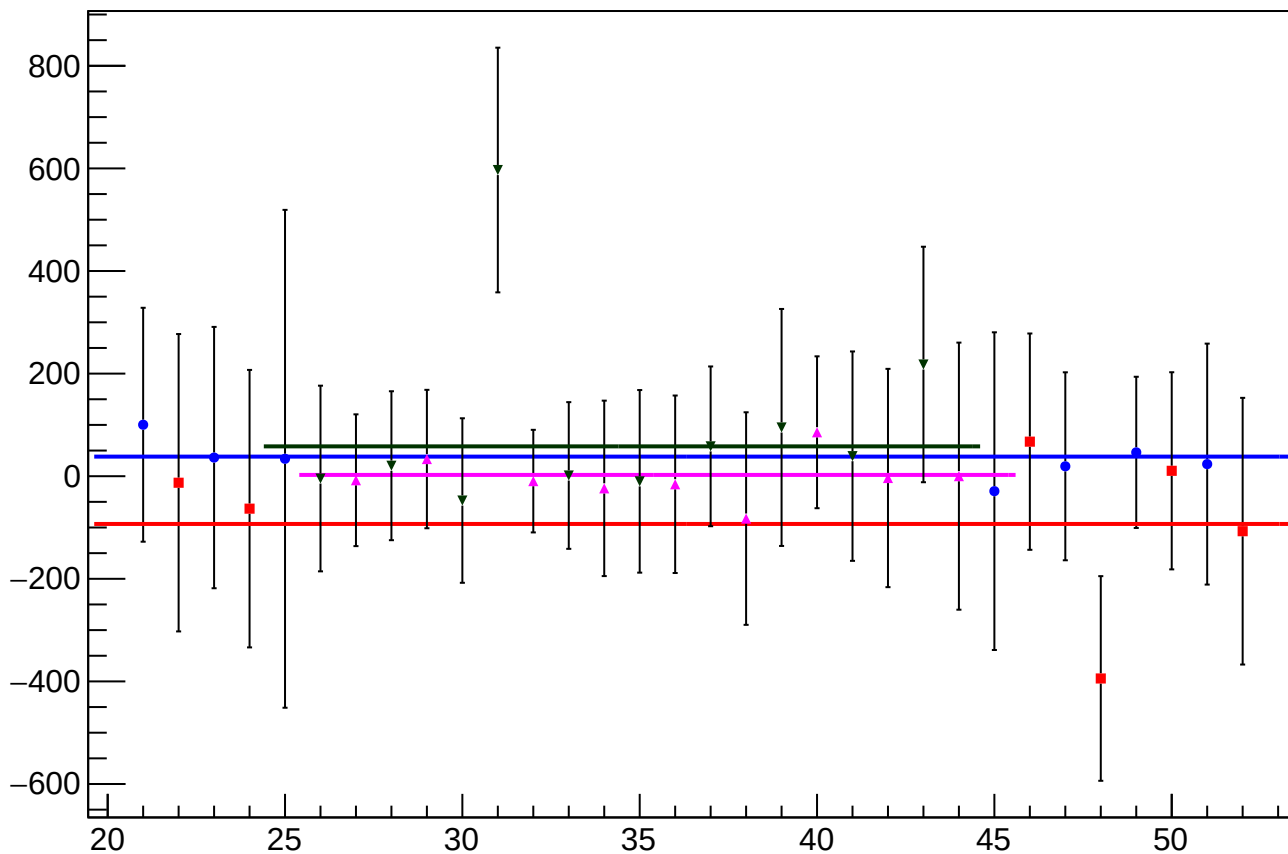
Left Out: 16.622 $\pm$ 0.005 χ^2 /NDF: 134157.6/9

Right Out: 16.940 $\pm$ 0.007 χ^2 /NDF: 18673.5/5

Left In: 16.950 $\pm$ 0.005 χ^2 /NDF: 111827.8/8

16.727 $\pm$ 0.003 χ^2 /NDF: 338248.7/31

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 38.197+/-83.540 χ^2/NDF : 0.1/6

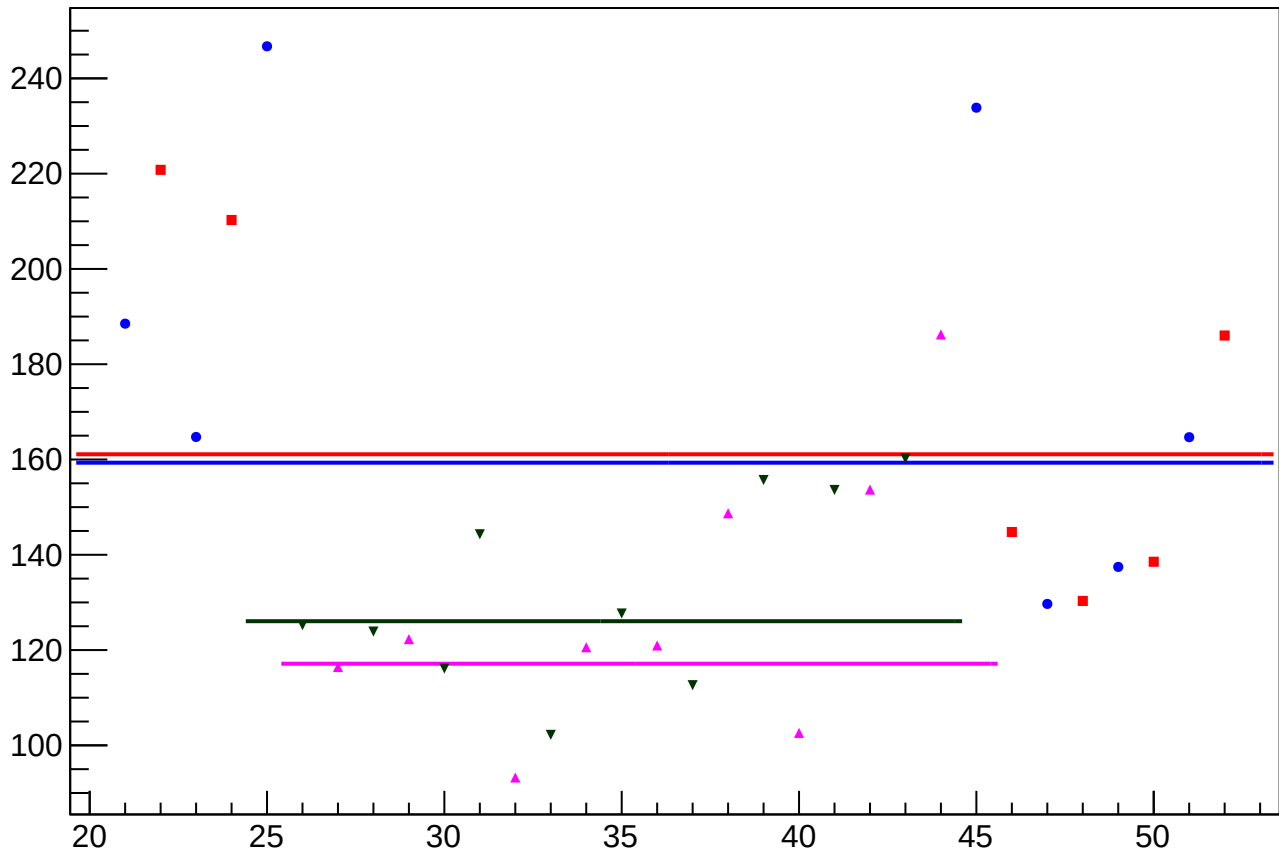
Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

14.738+/-32.187 χ^2/NDF : 12.6/31

Right Out: -93.080+/-93.214 χ^2/NDF : 3.2/5

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

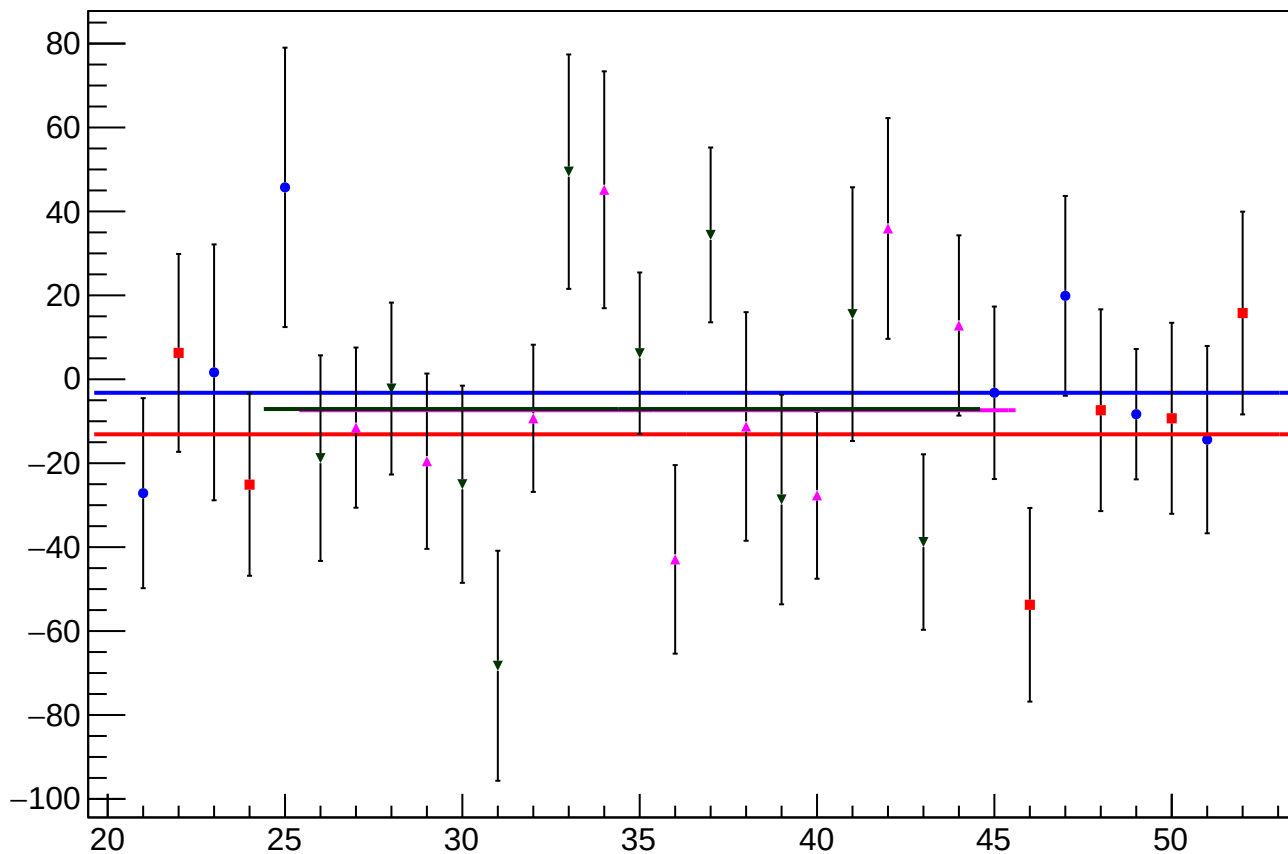
Left Out: 126.059 $\pm$ 0.040 χ^2 /NDF: 204192.9/9

Right Out: 161.098 $\pm$ 0.066 χ^2 /NDF: 256563.3/5

Left In: 117.138 $\pm$ 0.036 χ^2 /NDF: 384599.1/8

131.580 $\pm$ 0.023 χ^2 /NDF: 1760100.3/31

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -3.219+/-8.388 χ^2/NDF : 4.6/6

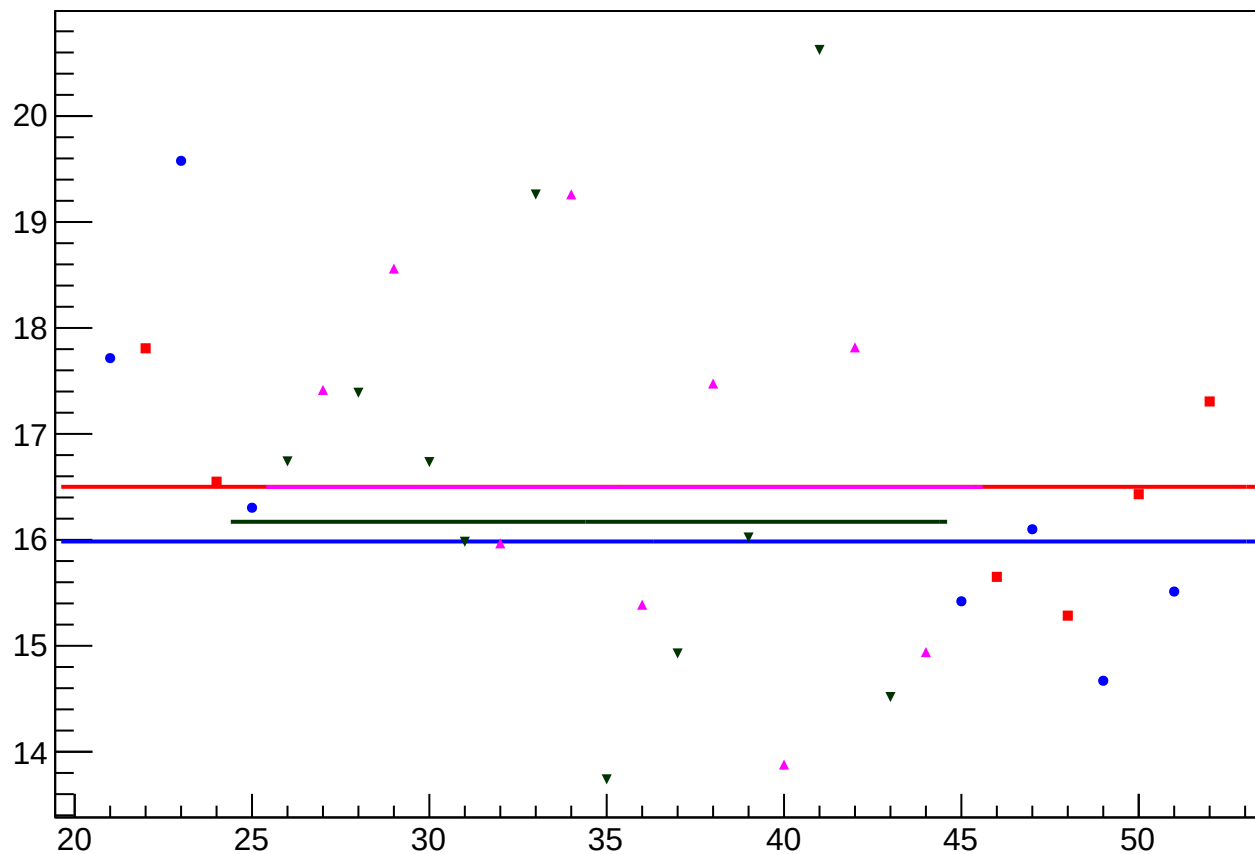
Left Out: -7.091+/-7.359 χ^2/NDF : 18.0/9

Right Out: -13.113+/-9.461 χ^2/NDF : 5.6/5

Left In: -7.378+/-7.251 χ^2/NDF : 11.0/8

-7.373+/-3.988 χ^2/NDF : 39.8/31

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

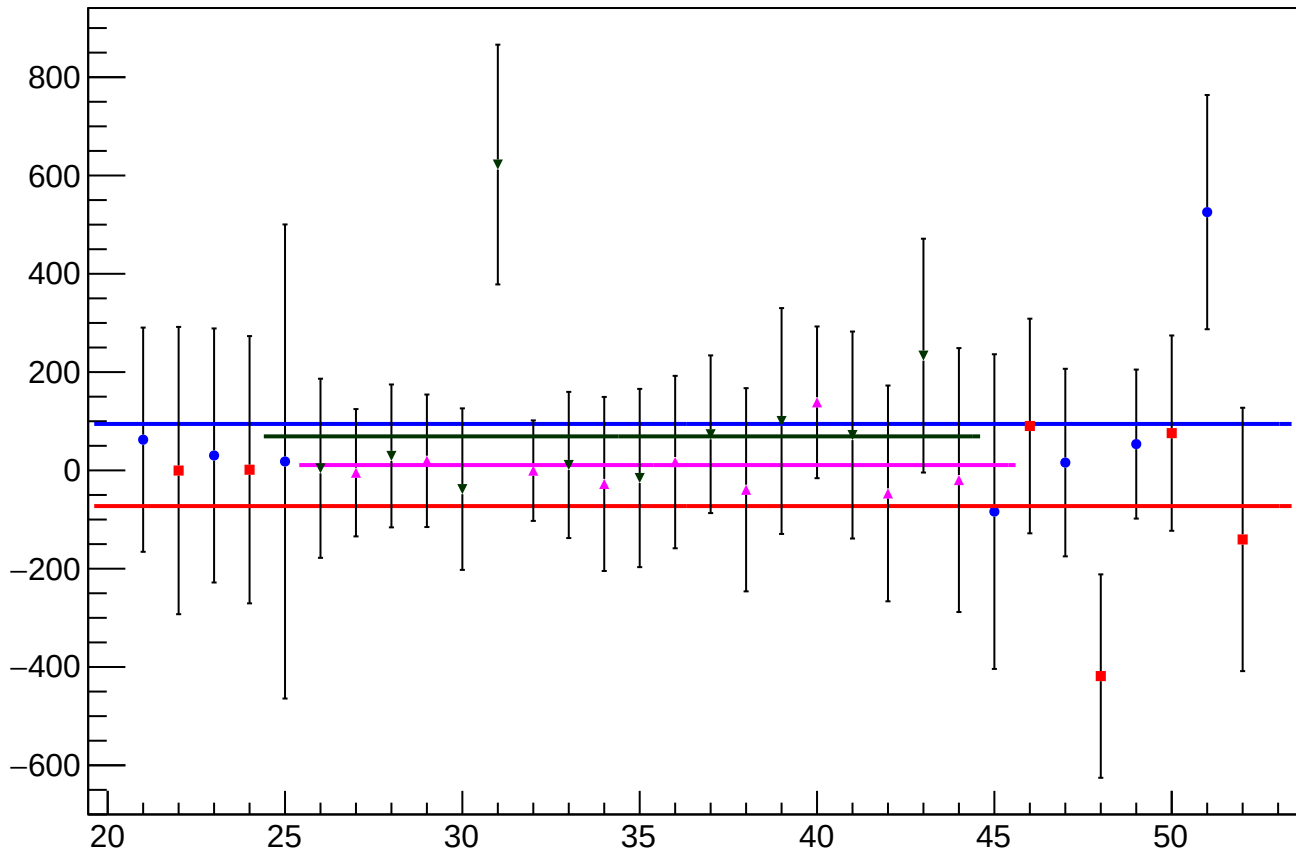
Left Out: 16.171 $\pm$ 0.005 χ^2 /NDF: 128877.5/9

Right Out: 16.501 $\pm$ 0.007 χ^2 /NDF: 16230.1/5

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102844.5/8

16.287 $\pm$ 0.003 χ^2 /NDF: 310184.9/31

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 94.533+/-85.490 χ^2/NDF : 3.9/6

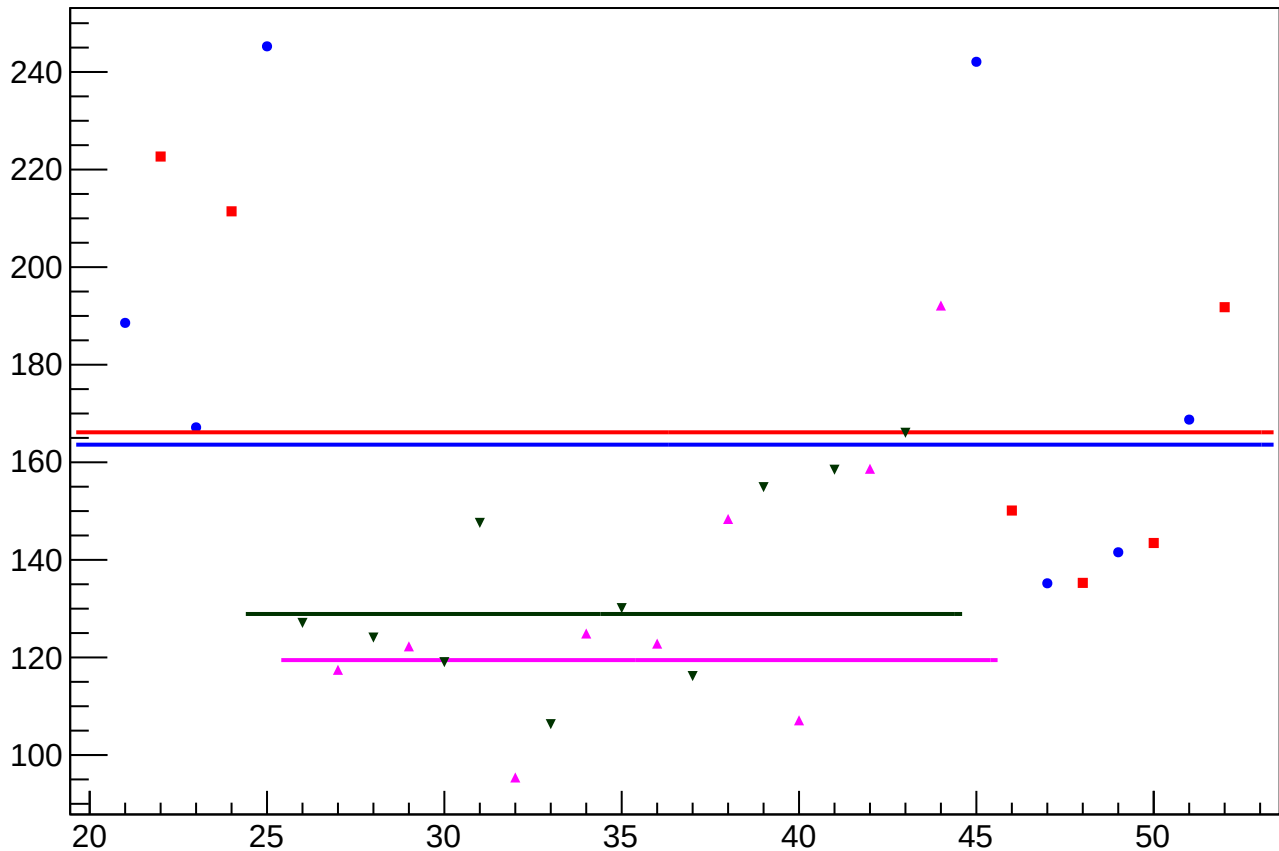
Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

Right Out: -72.597+/-95.862 χ^2/NDF : 4.1/5

Left In: 10.837+/-51.660 χ^2/NDF : 0.9/8

32.645+/-32.874 χ^2/NDF : 17.9/31

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 163.614 ± 0.060 χ^2/NDF : 289433.1/6

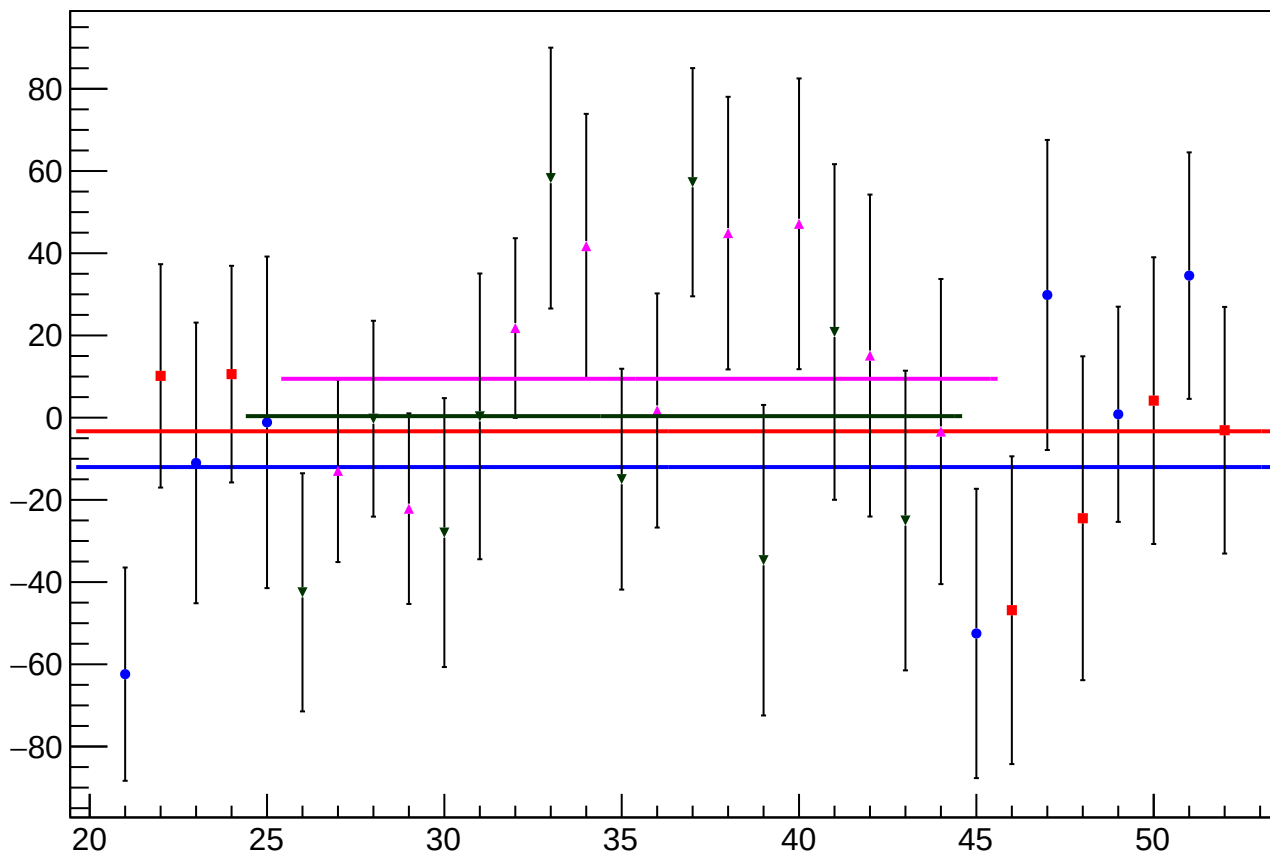
Left Out: 128.912 ± 0.040 χ^2/NDF : 193953.6/9

Right Out: 166.148 ± 0.068 χ^2/NDF : 229963.9/5

Left In: 119.459 ± 0.037 χ^2/NDF : 376971.9/8

134.594 ± 0.023 χ^2/NDF : 1728830.9/31

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.020 ± 11.917 χ^2/NDF : 9.1/6

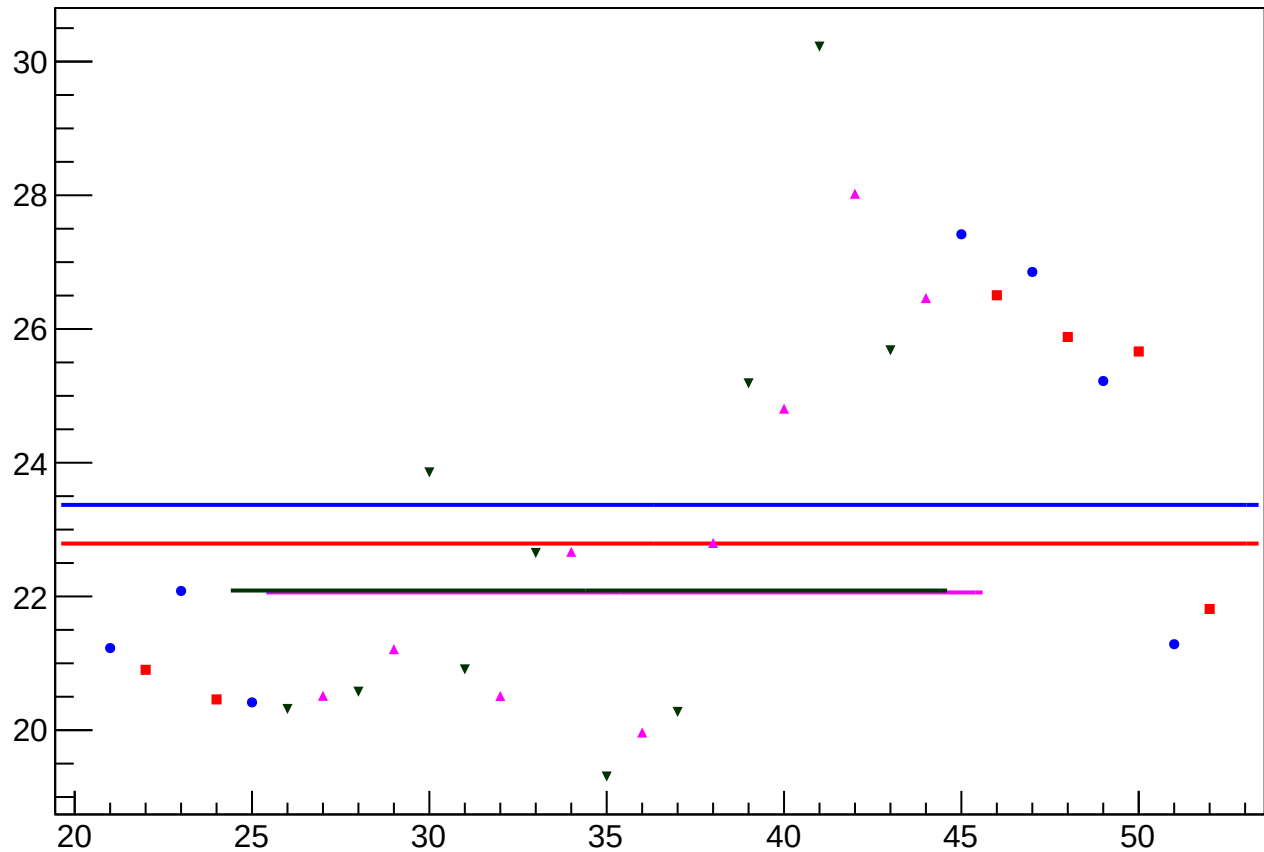
Left Out: 0.371 ± 9.784 χ^2/NDF : 12.4/9

Right Out: -3.313 ± 12.818 χ^2/NDF : 2.2/5

Left In: 9.455 ± 9.419 χ^2/NDF : 6.7/8

0.163 ± 5.357 χ^2/NDF : 32.4/31

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.370+/-0.008 χ^2/NDF : 90389.1/6

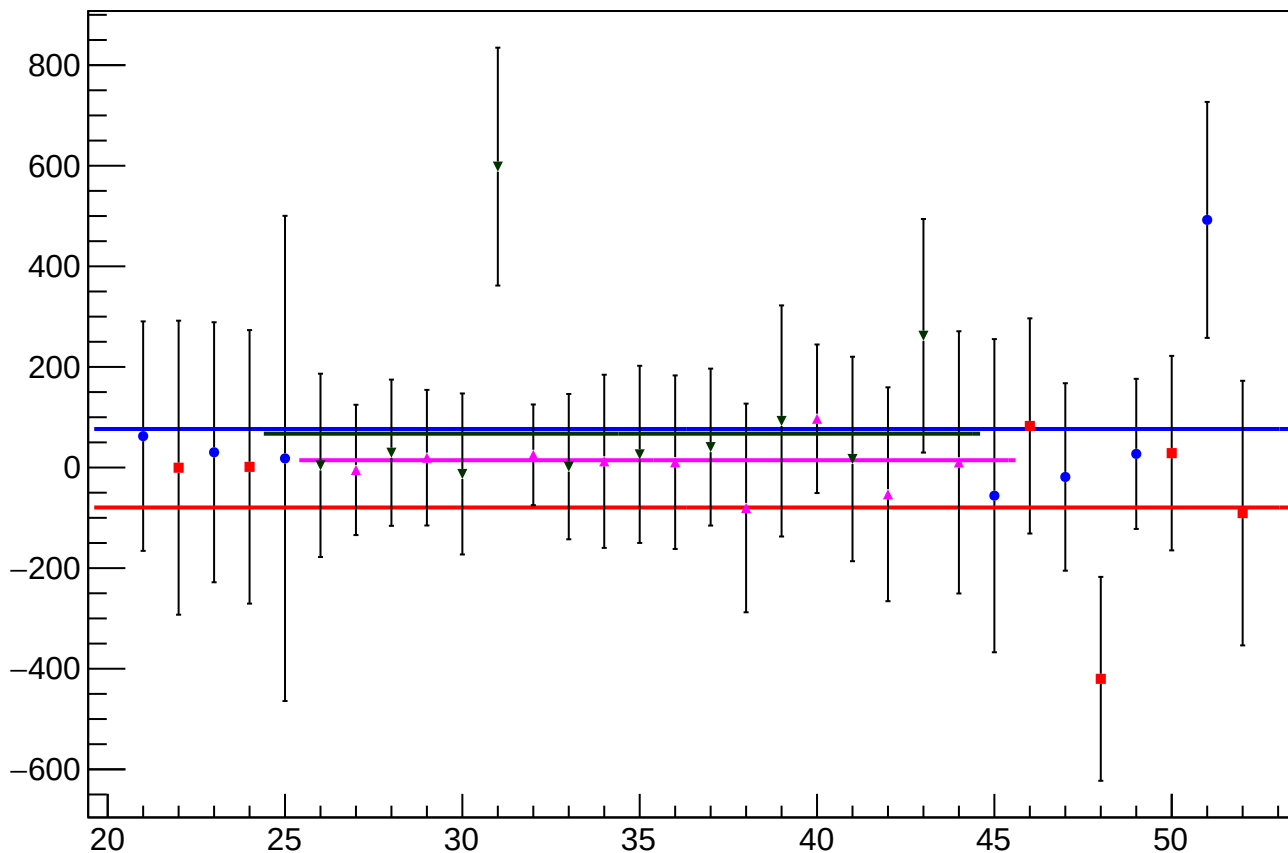
Left Out: 22.089+/-0.007 χ^2/NDF :166634.7/9

Right Out: 22.791+/-0.009 χ^2/NDF : 72997.4/5

Left In: 22.060+/-0.007 χ^2/NDF :121596.3/8

22.461+/-0.004 χ^2/NDF : 471096.0/31

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 76.643+/-84.309 χ^2/NDF : 3.7/6

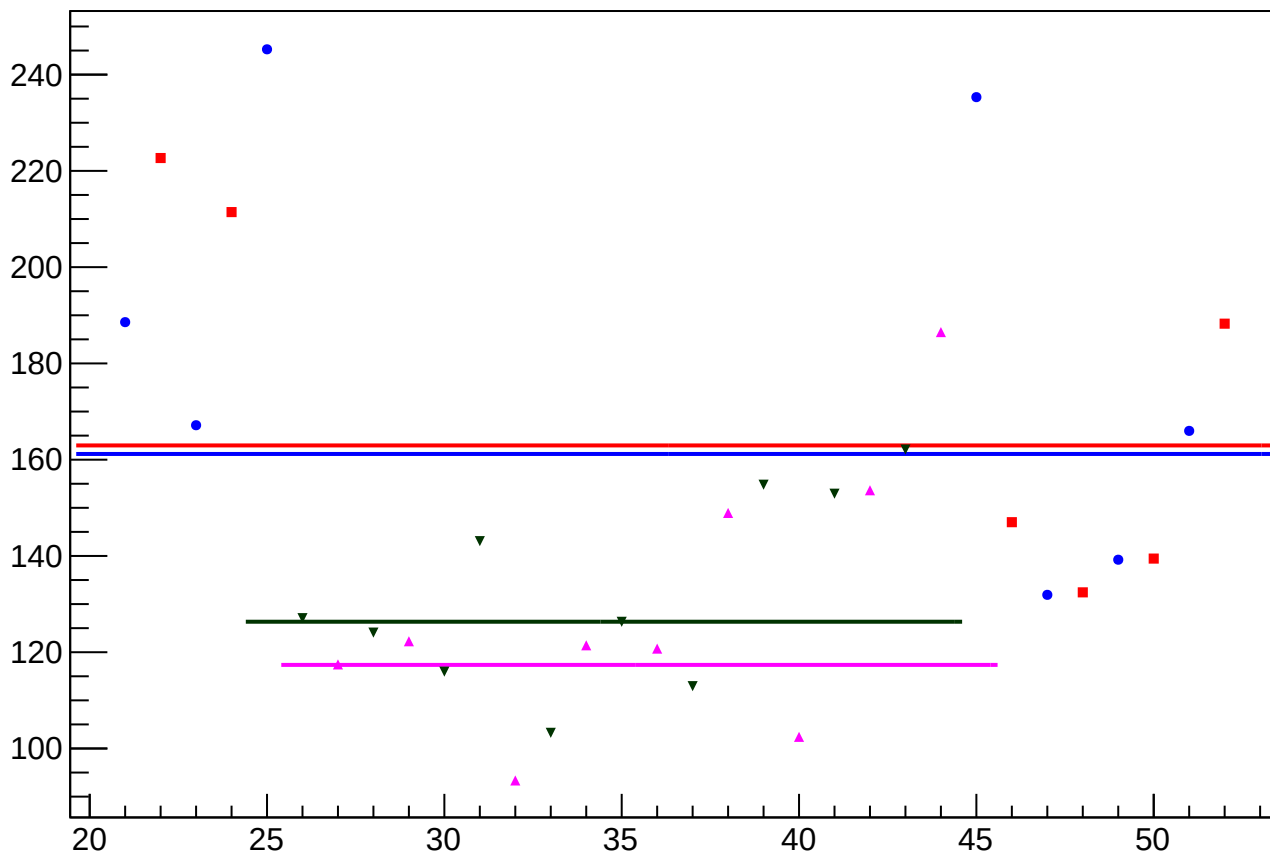
Left Out: 67.277+/-56.136 χ^2/NDF : 6.5/9

30.081+/-32.301 χ^2/NDF : 17.0/31

Right Out: -79.415+/-94.222 χ^2/NDF : 3.9/5

Left In: 14.555+/-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

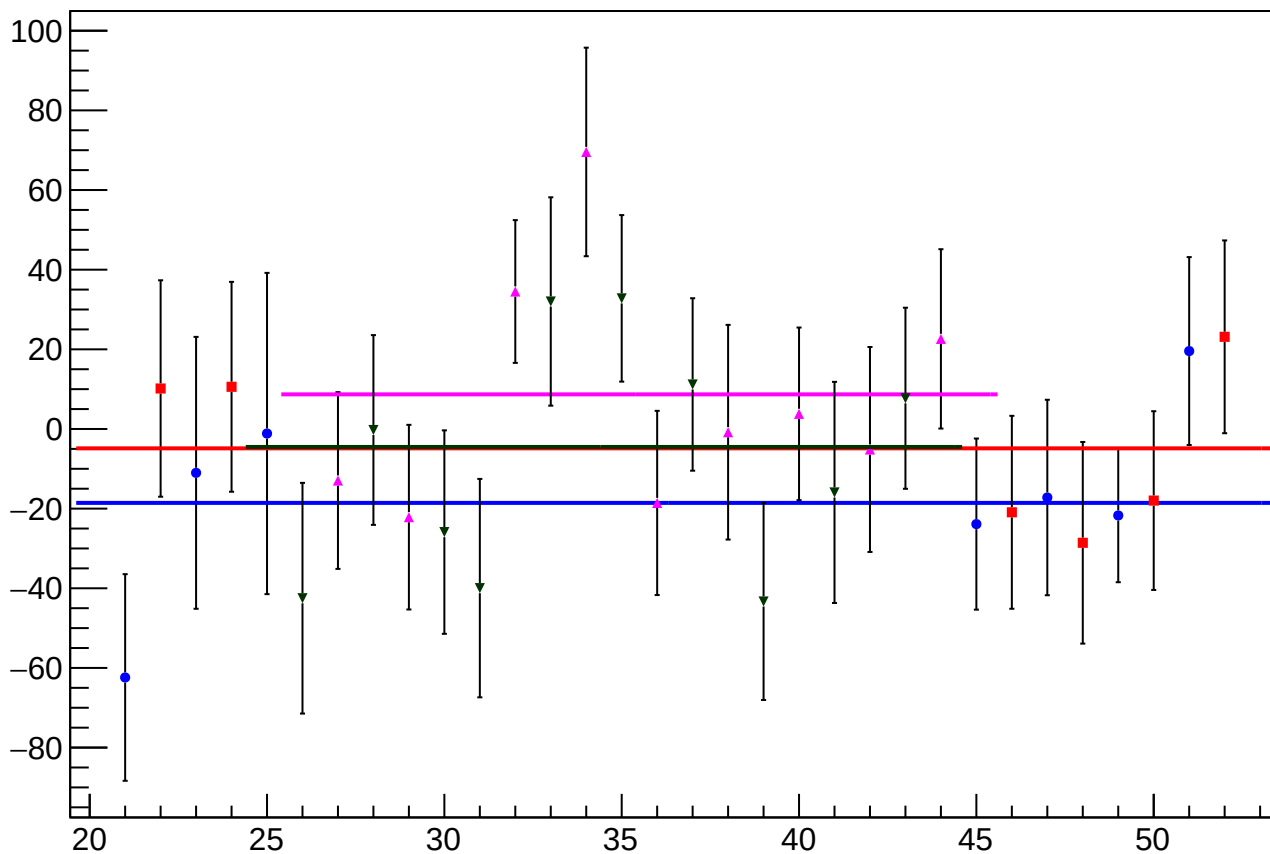
Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

Right Out: 162.962 $\pm$ 0.067 χ^2 /NDF: 251589.5/5

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

132.127 $\pm$ 0.023 χ^2 /NDF: 1773869.9/31

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -18.557+/-9.076 χ^2/NDF : 5.8/6

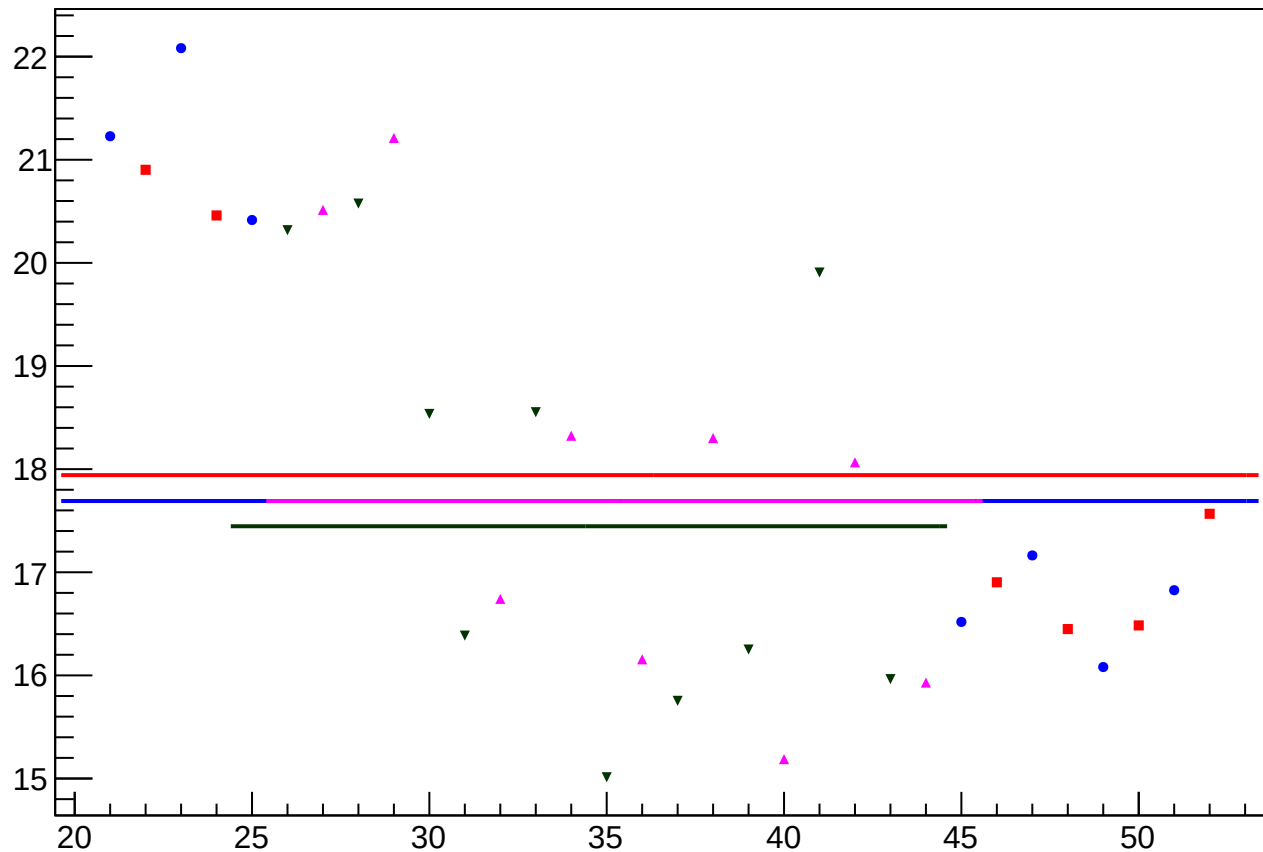
Left Out: -4.516+/-7.770 χ^2/NDF : 12.7/9

Right Out: -4.863+/-10.126 χ^2/NDF : 3.6/5

Left In: 8.691+/-7.598 χ^2/NDF : 12.4/8

-3.531+/-4.234 χ^2/NDF : 40.0/31

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.691+/-0.006 χ^2/NDF : 107416.4/6

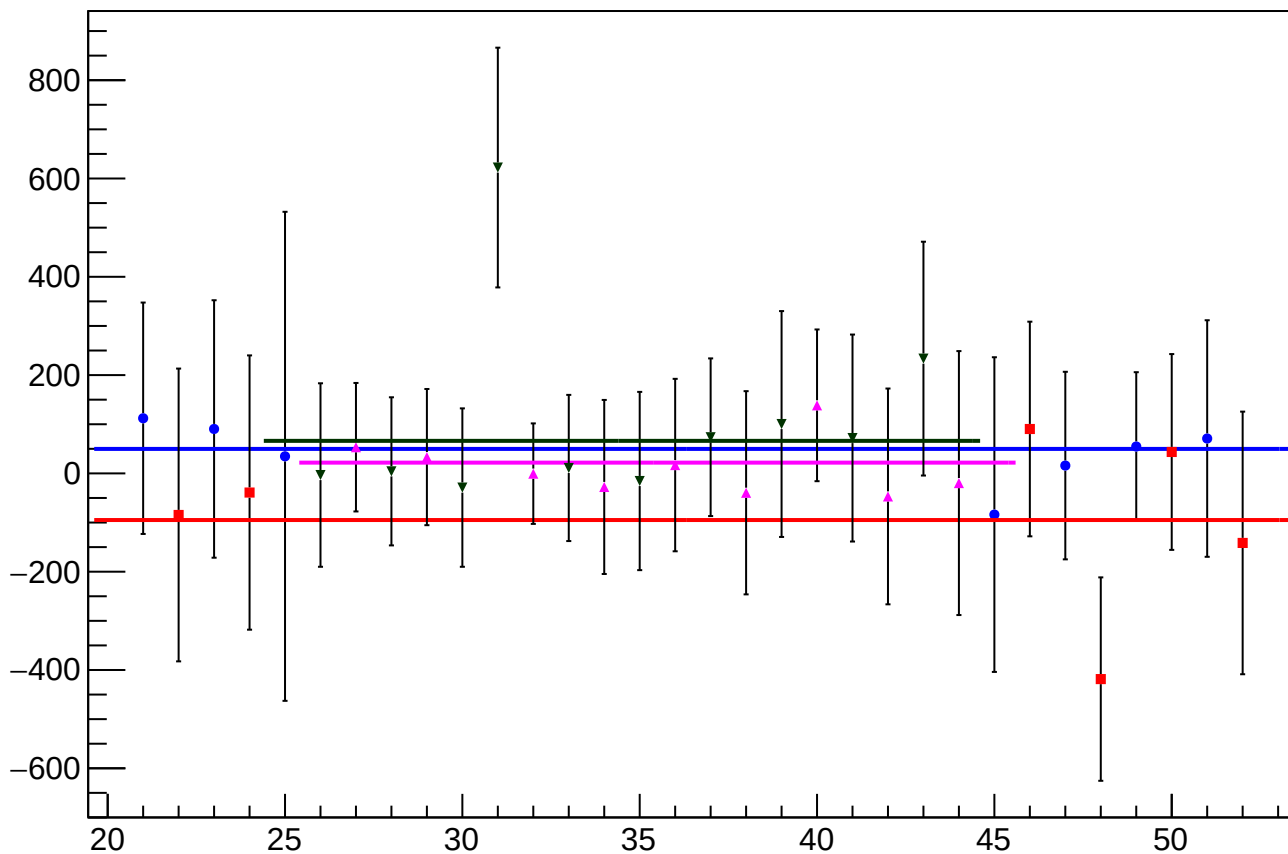
Left Out: 17.446+/-0.005 χ^2/NDF :132564.7/9

Right Out: 17.942+/-0.007 χ^2/NDF : 61561.9/5

Left In: 17.690+/-0.005 χ^2/NDF :134443.4/8

17.662+/-0.003 χ^2/NDF : 439109.3/31

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 49.810+/-86.102 χ^2/NDF : 0.3/6

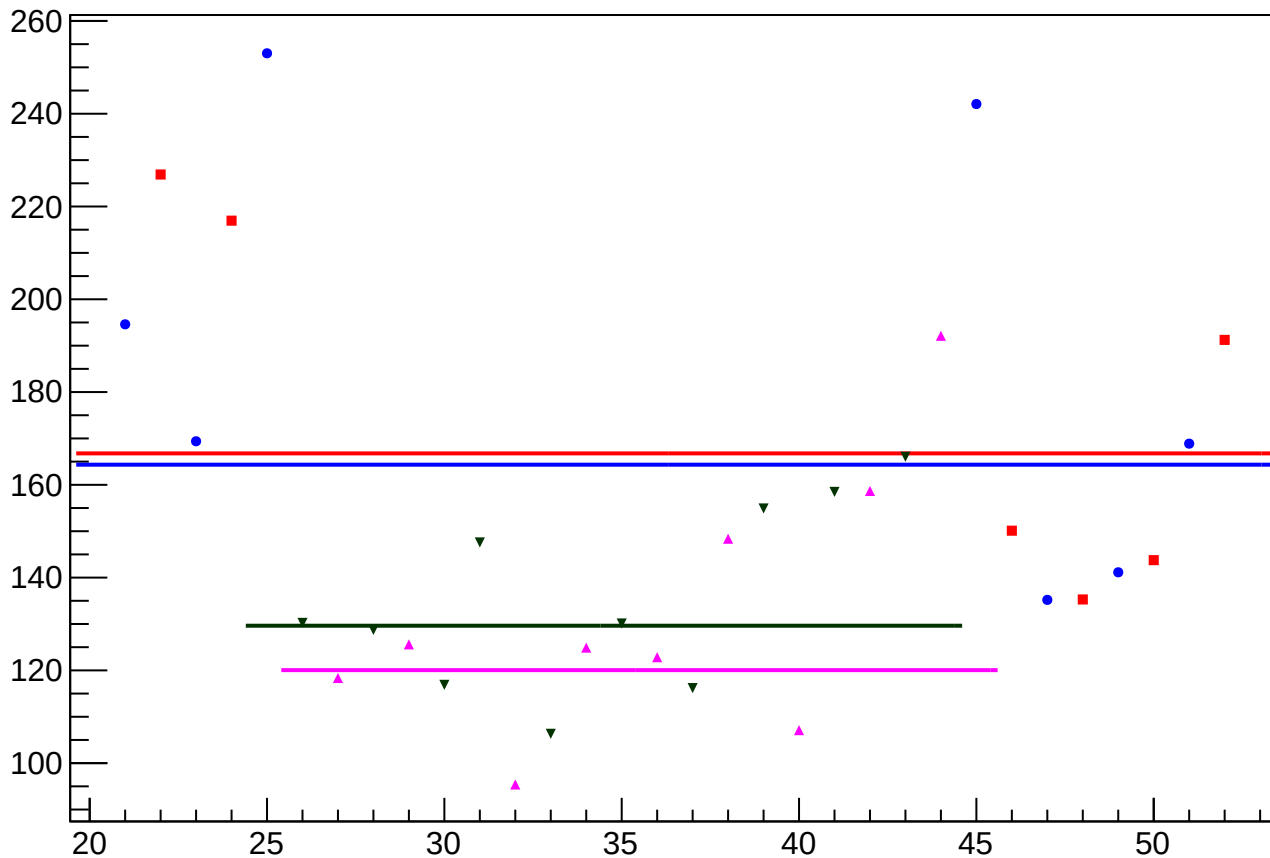
Left Out: 66.207+/-57.570 χ^2/NDF : 6.7/9

26.881+/-33.060 χ^2/NDF : 13.9/31

Right Out: -94.895+/-96.381 χ^2/NDF : 3.7/5

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

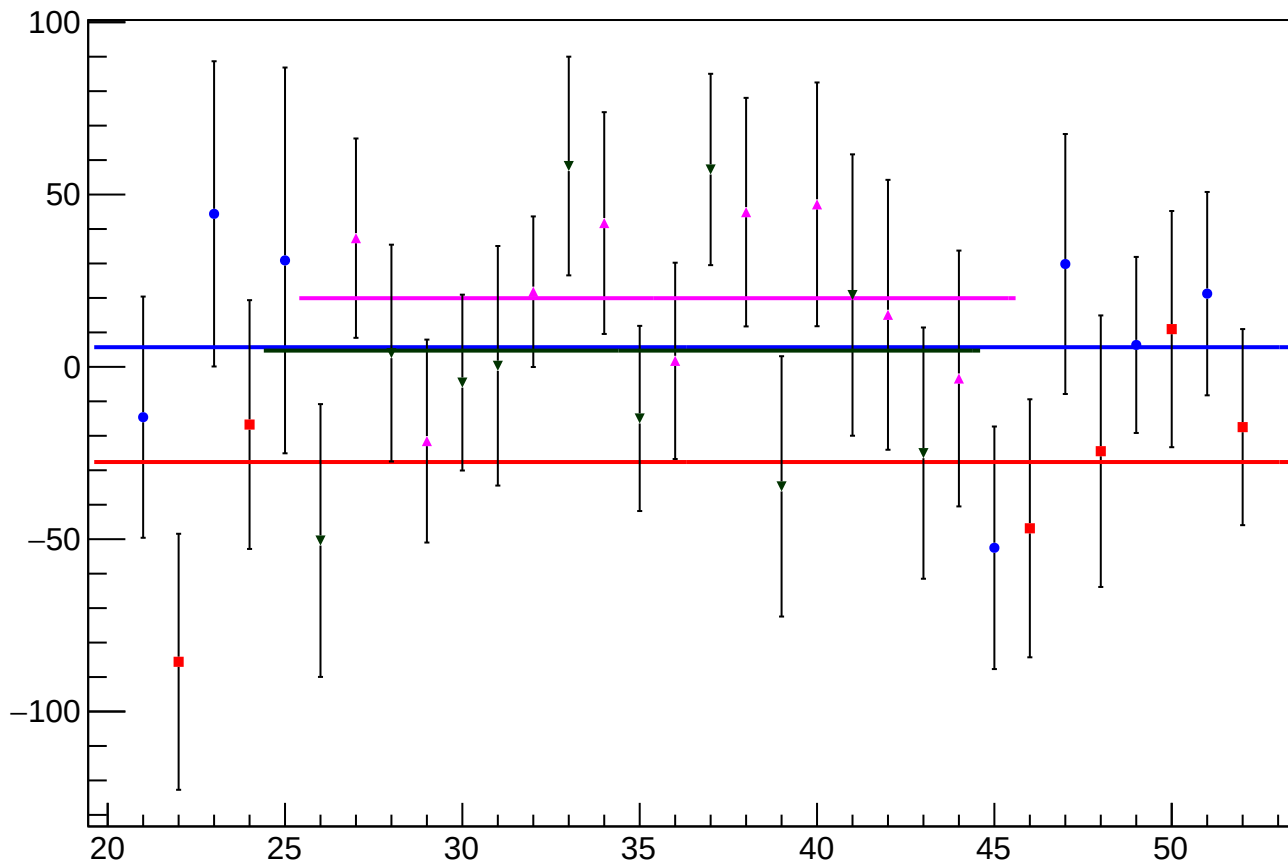
Left Out: 129.628 $\pm$ 0.041 χ^2 /NDF: 195251.2/9

Right Out: 166.778 $\pm$ 0.068 χ^2 /NDF: 247576.6/5

Left In: 120.050 $\pm$ 0.037 χ^2 /NDF: 379438.7/8

135.236 $\pm$ 0.023 χ^2 /NDF: 1764675.3/31

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 5.709+/-13.088 χ^2 /NDF: 4.7/6

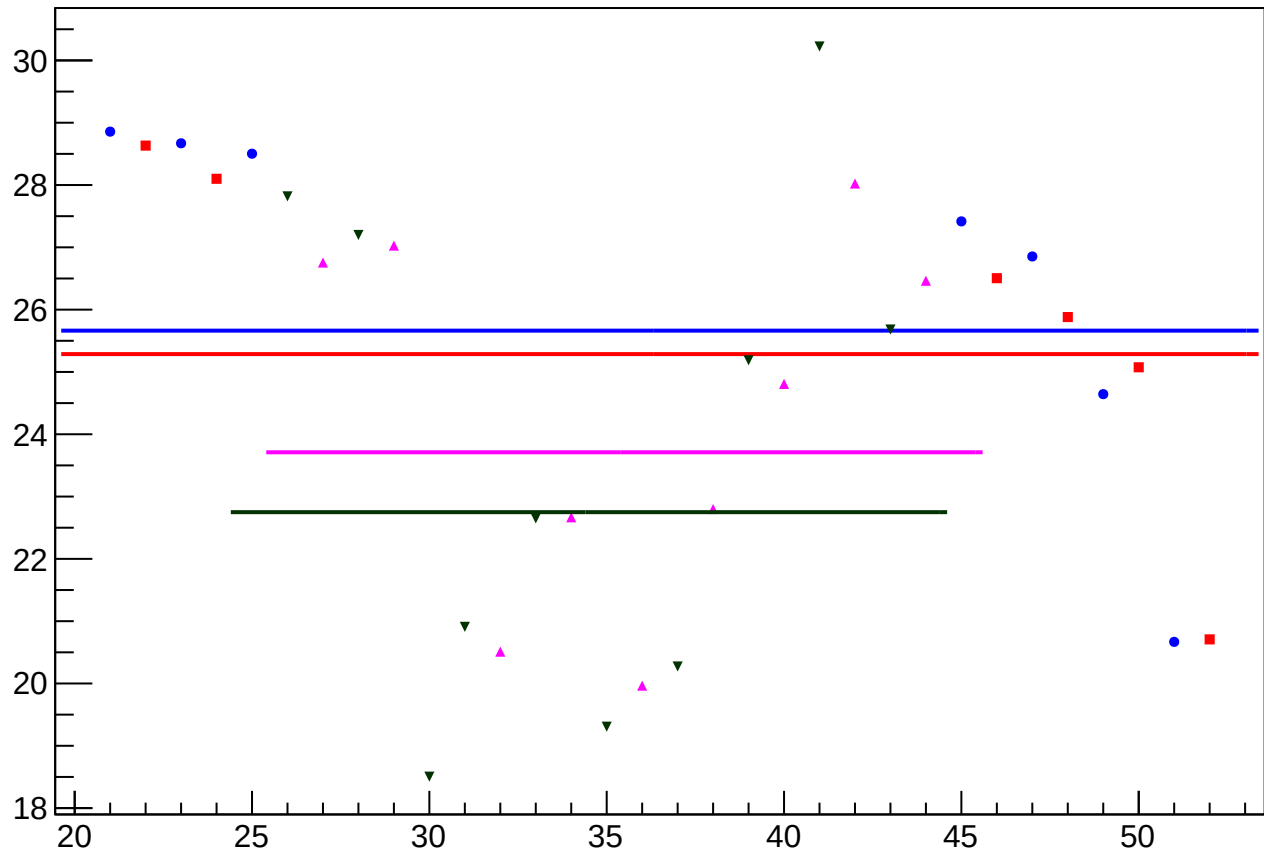
Left Out: 4.718+/-10.131 χ^2 /NDF:11.0/9

Right Out: -27.612+/-14.231 χ^2 /NDF: 4.2/5

Left In: 19.927+/-10.138 χ^2 /NDF:4.8/8

4.524+/-5.750 χ^2 /NDF: 32.1/31

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 25.663+/-0.009 χ^2/NDF : 98485.5/6

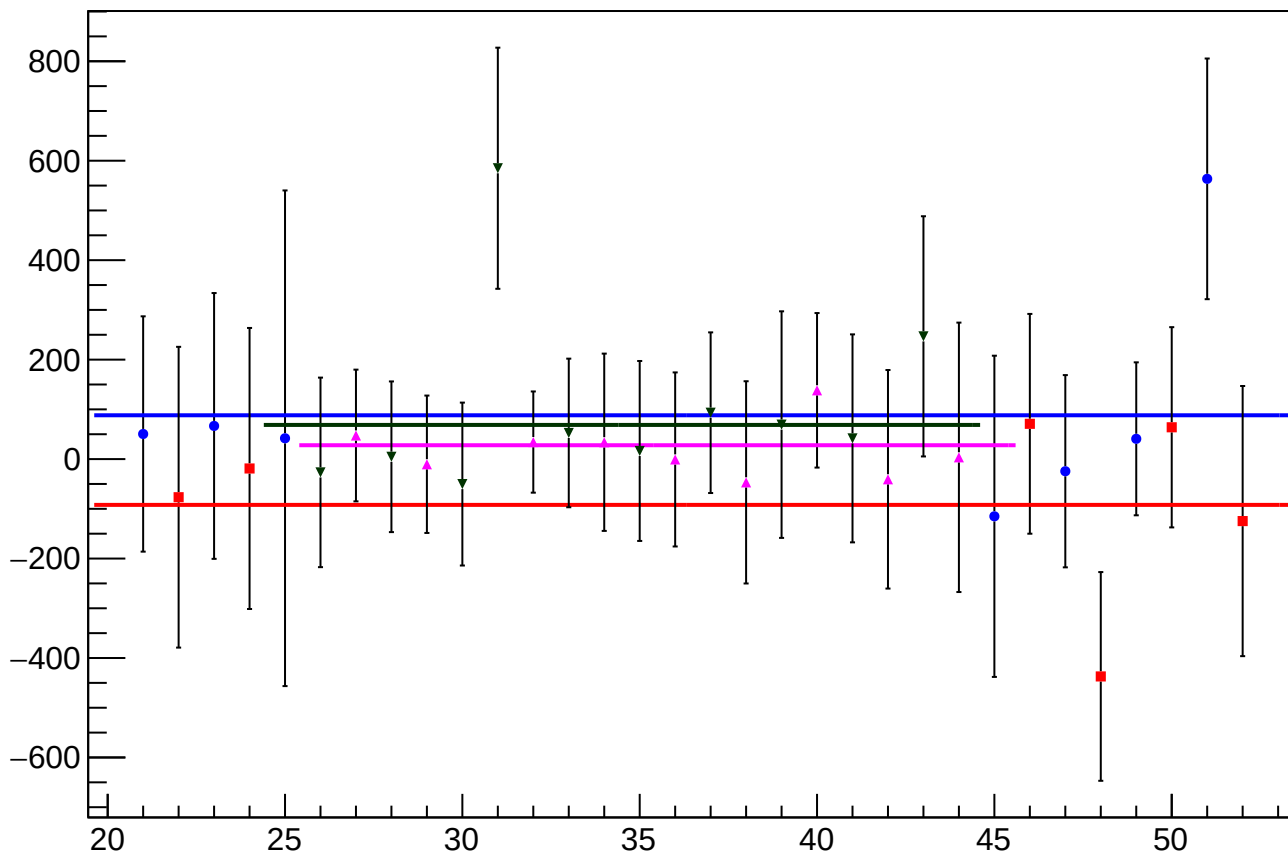
Left Out: 22.750+/-0.007 χ^2/NDF : 270884.7/9

Right Out: 25.286+/-0.010 χ^2/NDF : 82840.7/5

Left In: 23.711+/-0.007 χ^2/NDF : 165862.4/8

24.035+/-0.004 χ^2/NDF : 698729.1/31

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 88.112+/-87.170 χ^2/NDF : 4.7/6

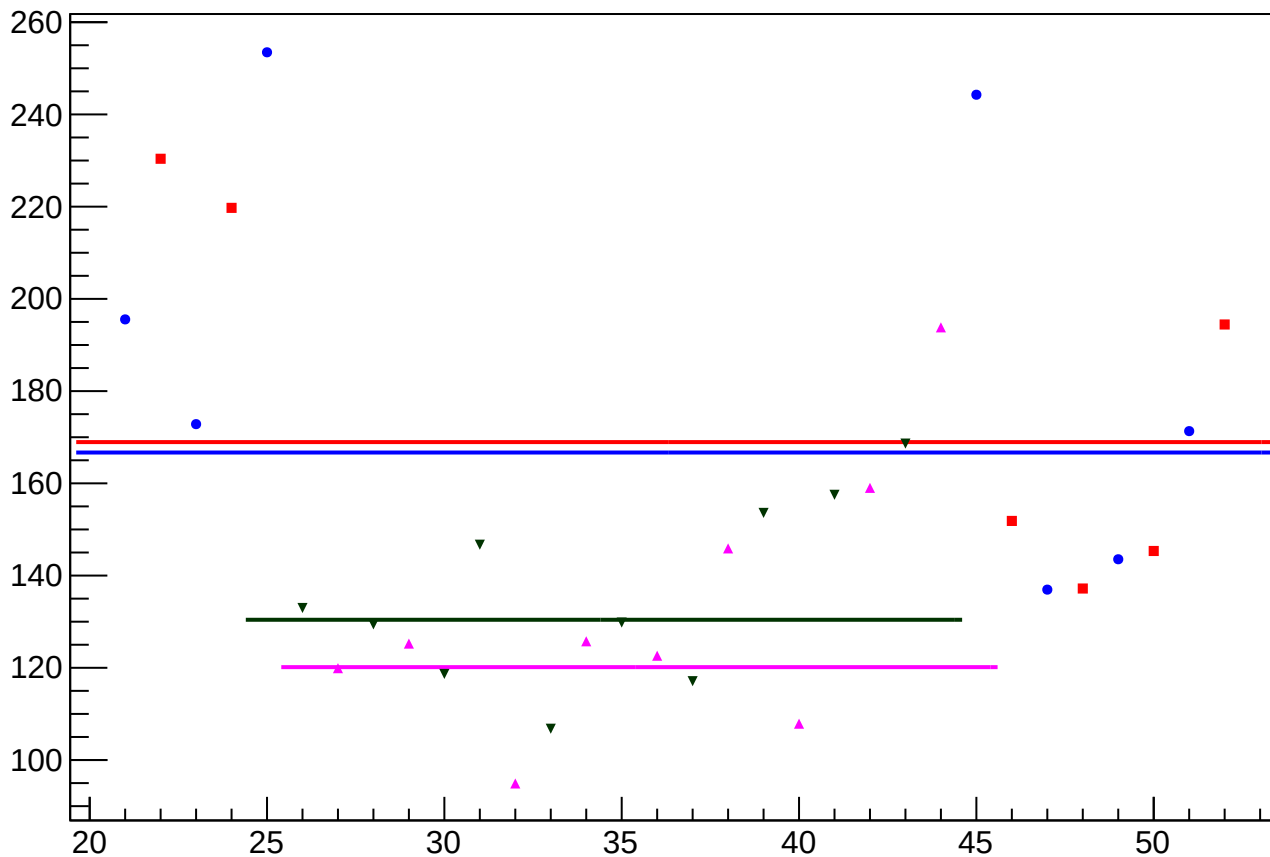
Left Out: 68.706+/-57.895 χ^2/NDF : 6.2/9

36.197+/-33.243 χ^2/NDF : 18.1/31

Right Out: -92.081+/-97.651 χ^2/NDF : 3.9/5

Left In: 27.878+/-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

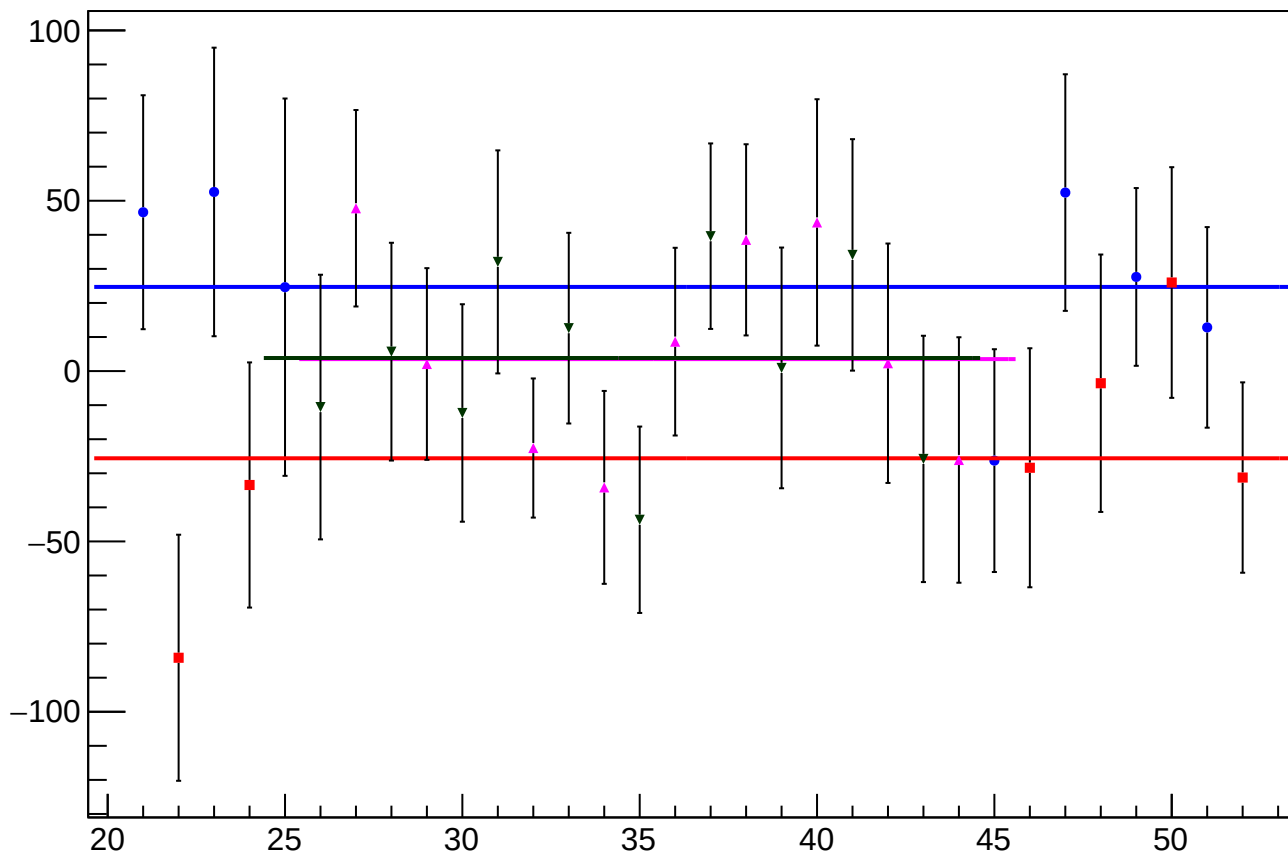
Left Out: 130.416 $\pm$ 0.041 χ^2 /NDF: 187736.2/9

Right Out: 168.945 $\pm$ 0.069 χ^2 /NDF: 250066.4/5

Left In: 120.144 $\pm$ 0.037 χ^2 /NDF: 383139.4/8

135.955 $\pm$ 0.024 χ^2 /NDF: 1801344.0/31

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 24.705 $\pm$ 12.783 χ^2 /NDF: 4.1/6

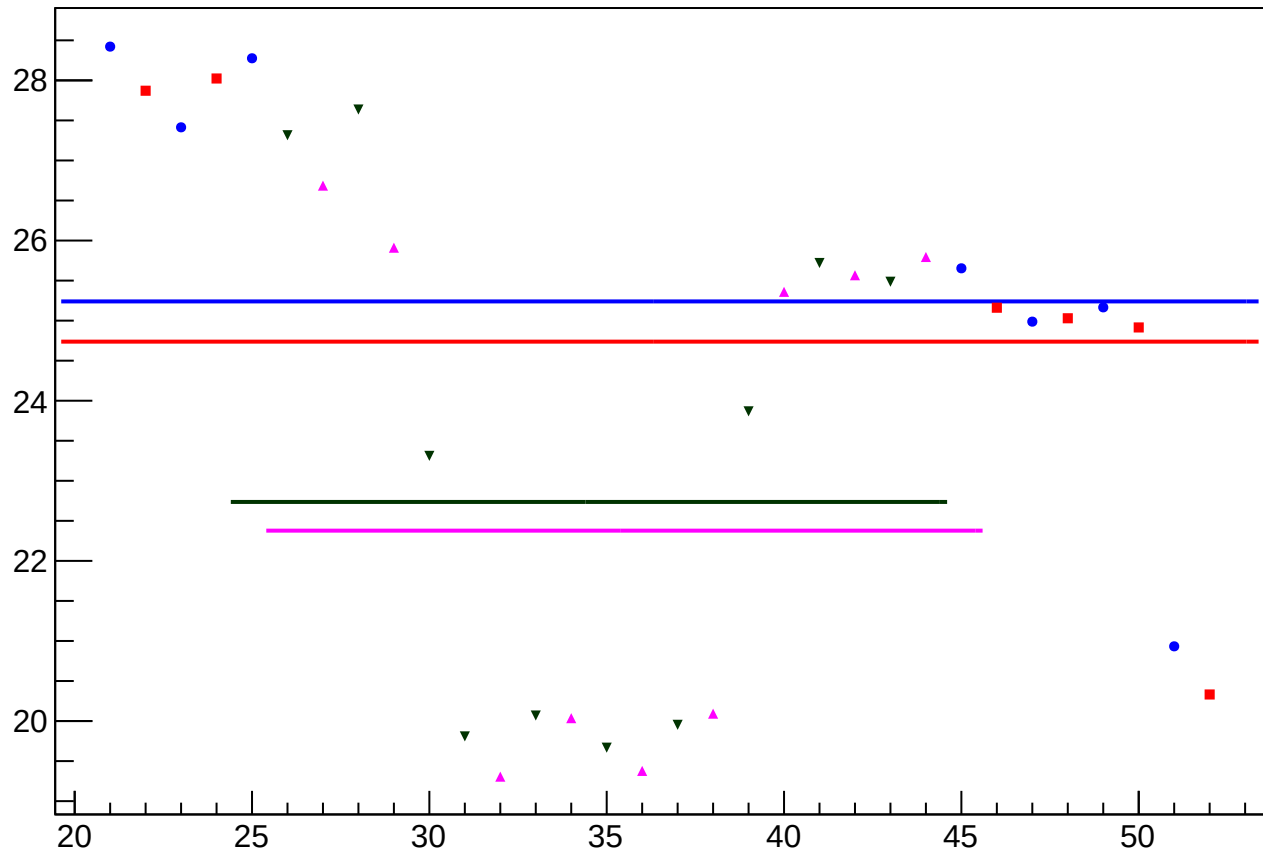
Left Out: 3.838 $\pm$ 10.024 χ^2 /NDF: 7.4/9

2.938 $\pm$ 5.562 χ^2 /NDF: 33.3/31

Right Out: -25.596 $\pm$ 13.860 χ^2 /NDF: 5.4/5

Left In: 3.515 $\pm$ 9.515 χ^2 /NDF: 9.3/8

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 25.240 $\pm$ 0.009 χ^2 /NDF: 71699.0/6

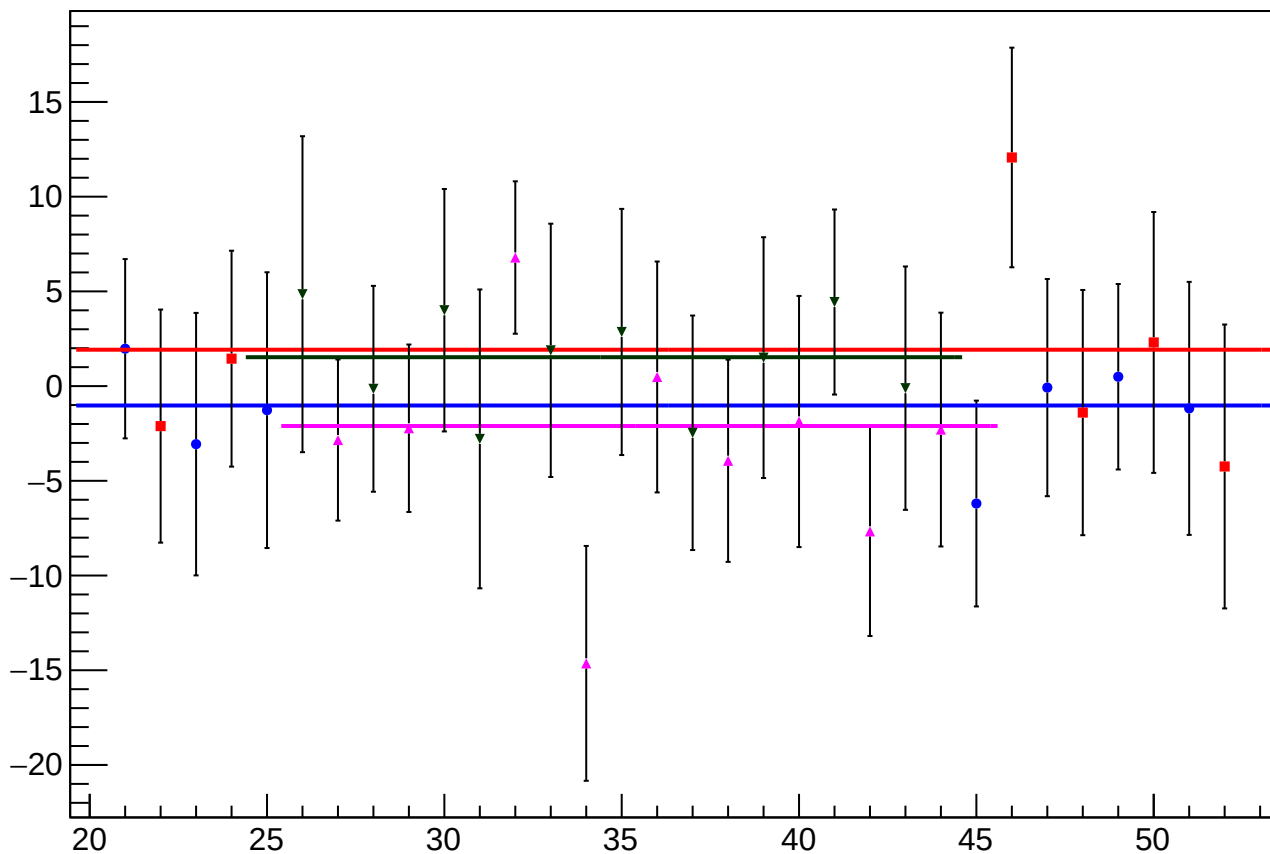
Left Out: 22.736 $\pm$ 0.007 χ^2 /NDF: 184730.7/9

Right Out: 24.738 $\pm$ 0.010 χ^2 /NDF: 81921.7/5

Left In: 22.378 $\pm$ 0.007 χ^2 /NDF: 220179.4/8

23.410 $\pm$ 0.004 χ^2 /NDF: 650450.8/31

diff_bpm12X_mean vs slug



Right In: -1.024 ± 2.168 χ^2/NDF : 1.5/6

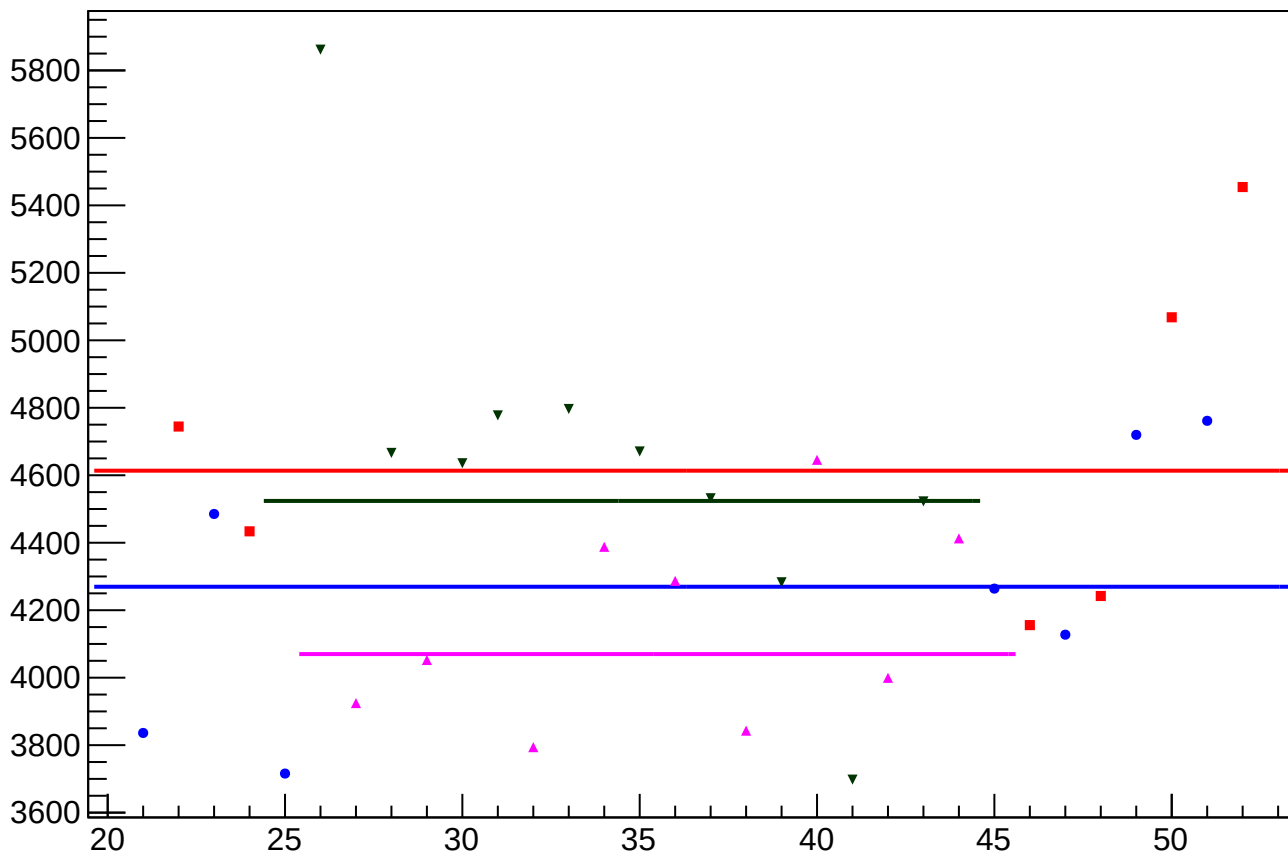
Left Out: 1.526 ± 1.993 χ^2/NDF : 1.6/9

Right Out: 1.921 ± 2.584 χ^2/NDF : 4.4/5

Left In: -2.107 ± 1.720 χ^2/NDF : 10.3/8

-0.271 ± 1.025 χ^2/NDF : 20.7/31

diff_bpm12X_rms vs slug



Right In: 4269.550+/-1.533 χ^2/NDF : 59278.2/6

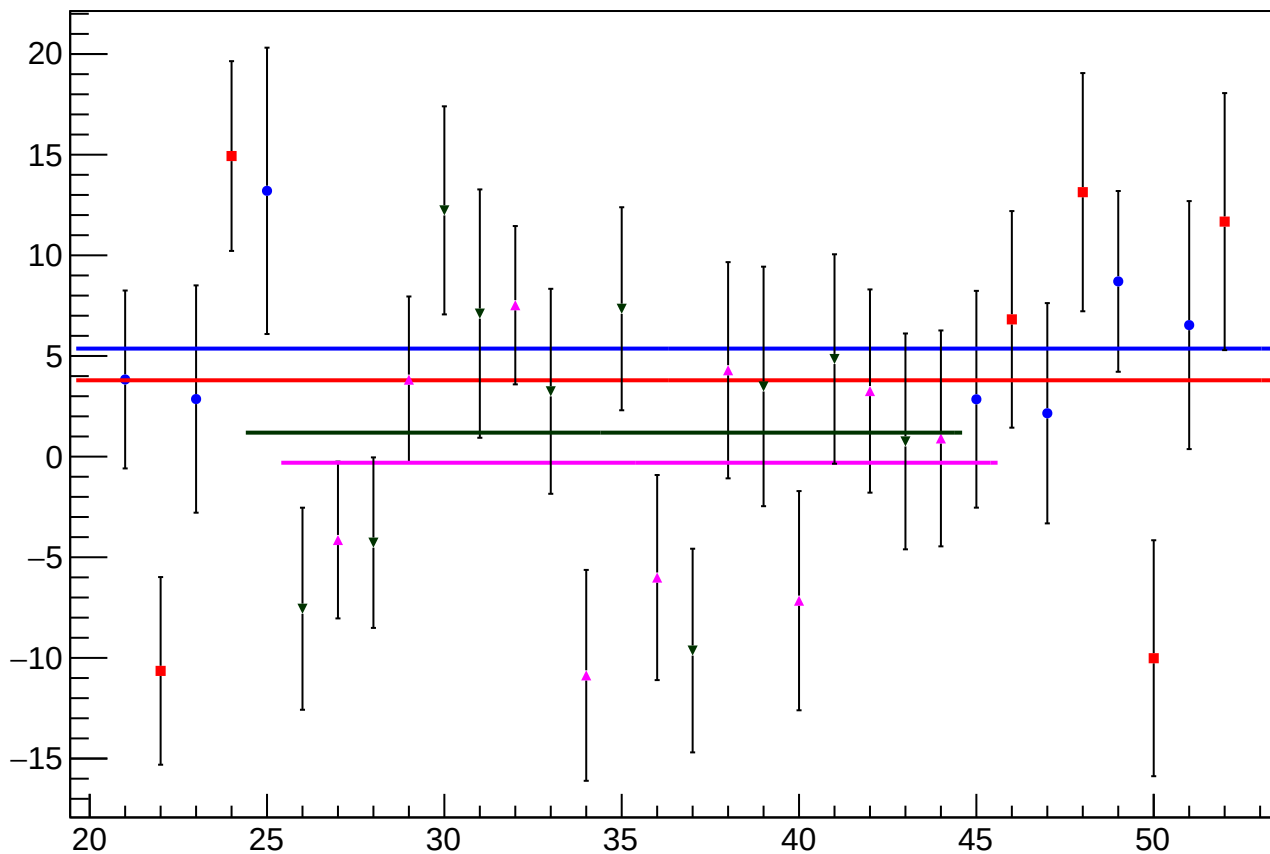
Left Out: 4523.929+/-1.409 χ^2/NDF : 119939.0/9

Right Out: 4613.585+/-1.827 χ^2/NDF : 55849.4/5

Left In: 4069.946+/-1.216 χ^2/NDF : 44775.6/8

4320.051+/-0.725 χ^2/NDF : 369952.4/31

diff_bpm12Y_mean vs slug



Right In: 5.367 $\pm$ 2.016 χ^2 /NDF: 2.7/6

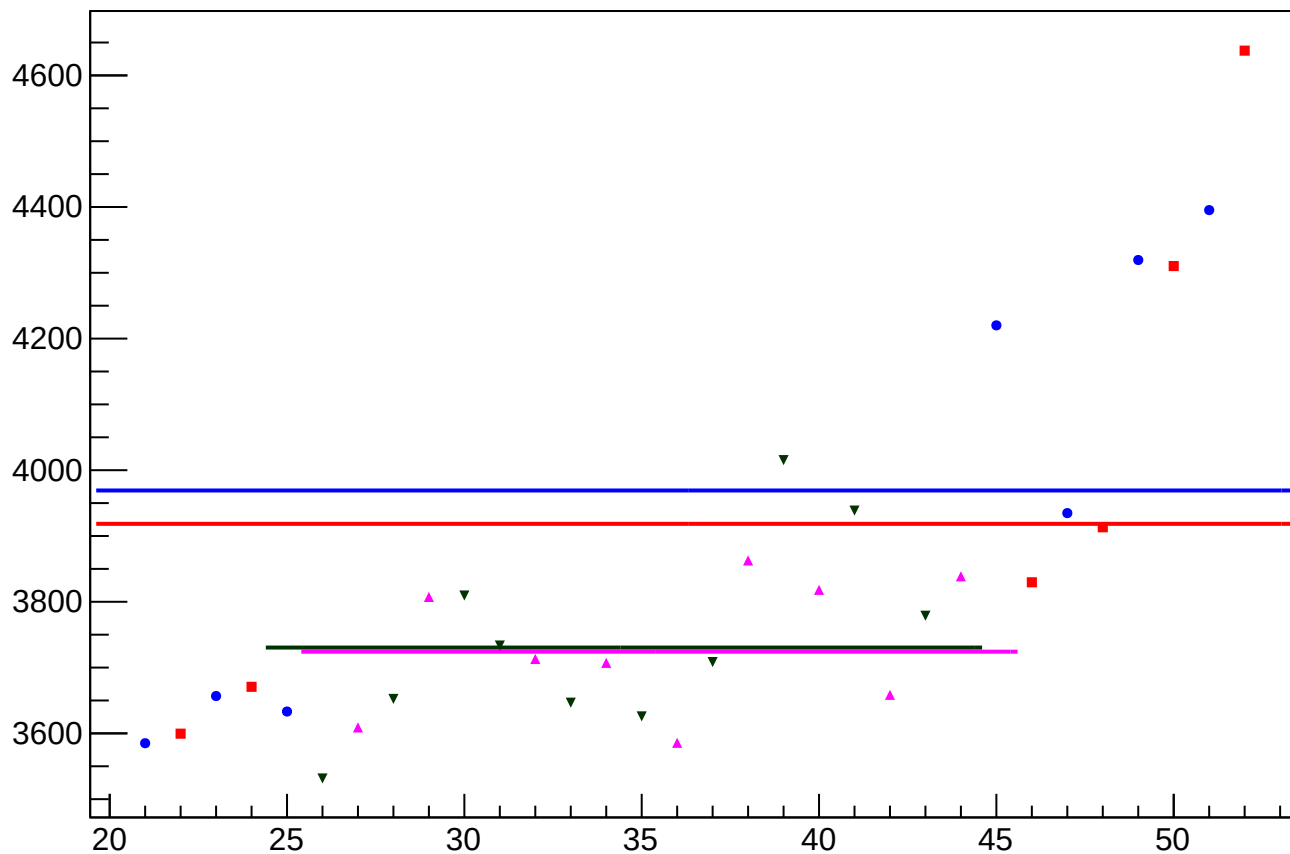
Left Out: 1.191 $\pm$ 1.631 χ^2 /NDF: 17.1/9

Right Out: 3.792 $\pm$ 2.194 χ^2 /NDF: 25.1/5

Left In: -0.304 $\pm$ 1.568 χ^2 /NDF: 14.1/8

1.968 $\pm$ 0.899 χ^2 /NDF: 64.8/31

diff_bpm12Y_rms vs slug



Right In: 3969.168 ± 1.425 χ^2/NDF : 51857.1/6

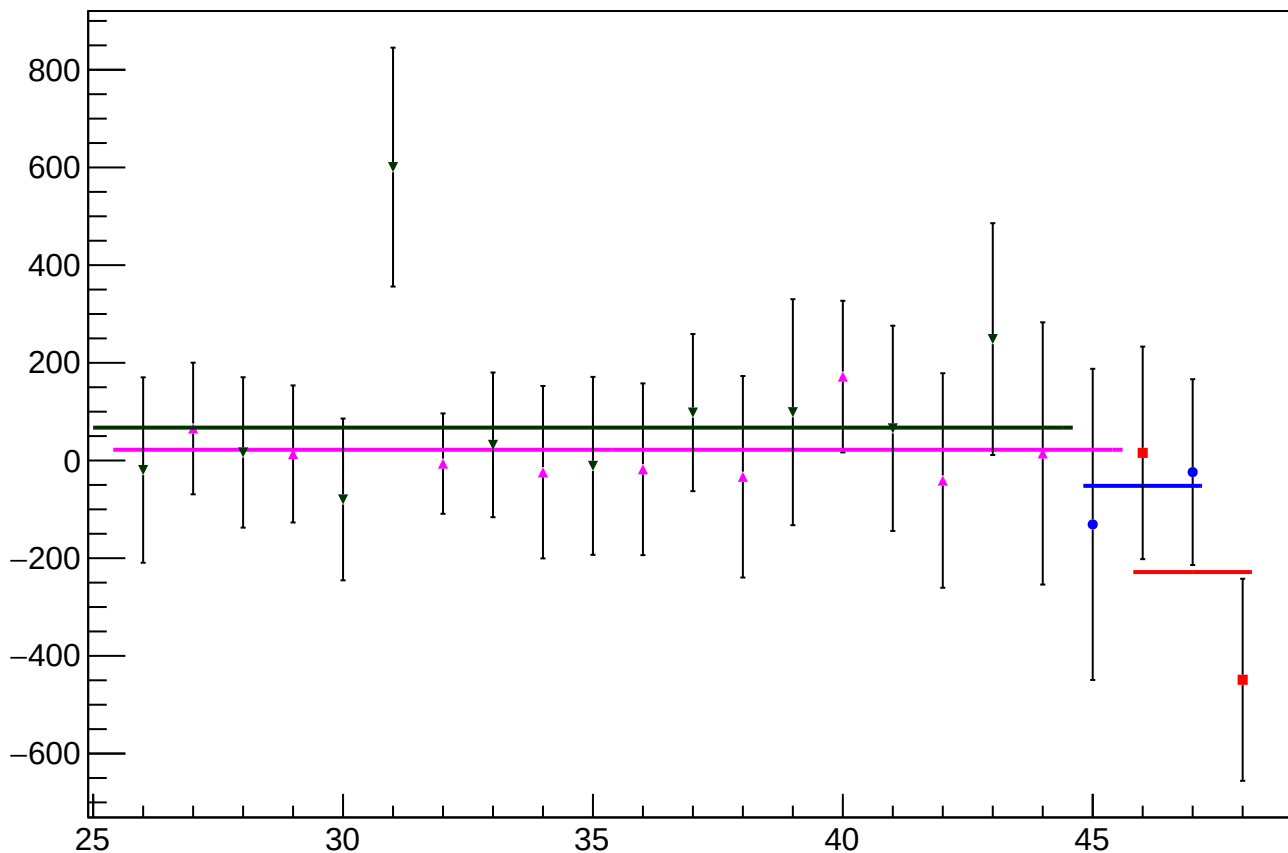
Left Out: 3730.451 ± 1.153 χ^2/NDF : 13680.1/9

Right Out: 3918.492 ± 1.551 χ^2/NDF : 49746.7/5

Left In: 3724.161 ± 1.109 χ^2/NDF : 7251.9/8

3807.505 ± 0.636 χ^2/NDF : 150634.2/31

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 $\pm$ 163.313 χ^2 /NDF: 0.1/1

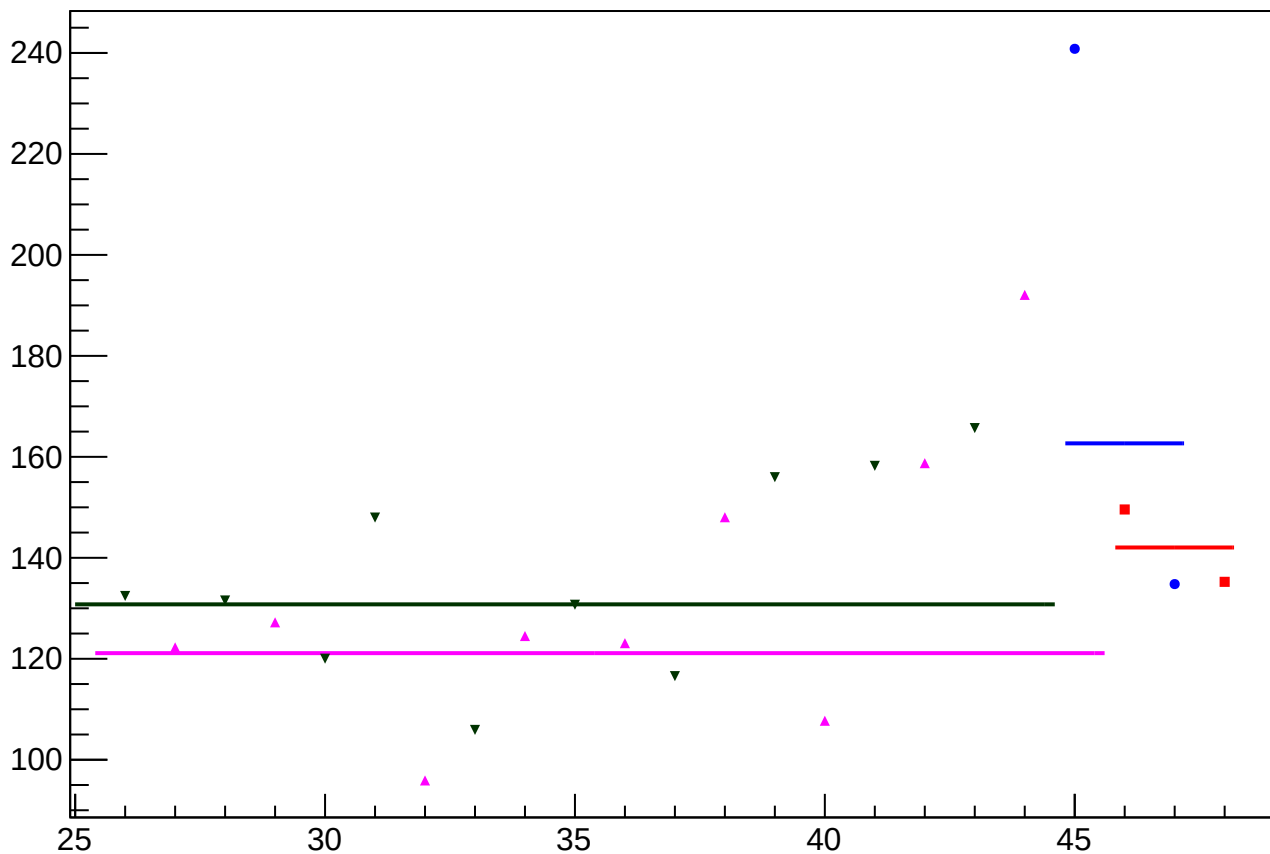
Left Out: 67.330 $\pm$ 58.072 χ^2 /NDF: 6.7/9

21.392 $\pm$ 36.682 χ^2 /NDF: 14.2/22

Right Out: -228.420 $\pm$ 149.918 χ^2 /NDF: 2.4/1

Left In: 22.052 $\pm$ 52.367 χ^2 /NDF: 1.4/8

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 162.670 $\pm$ 0.115 χ^2 /NDF: 163356.1/1

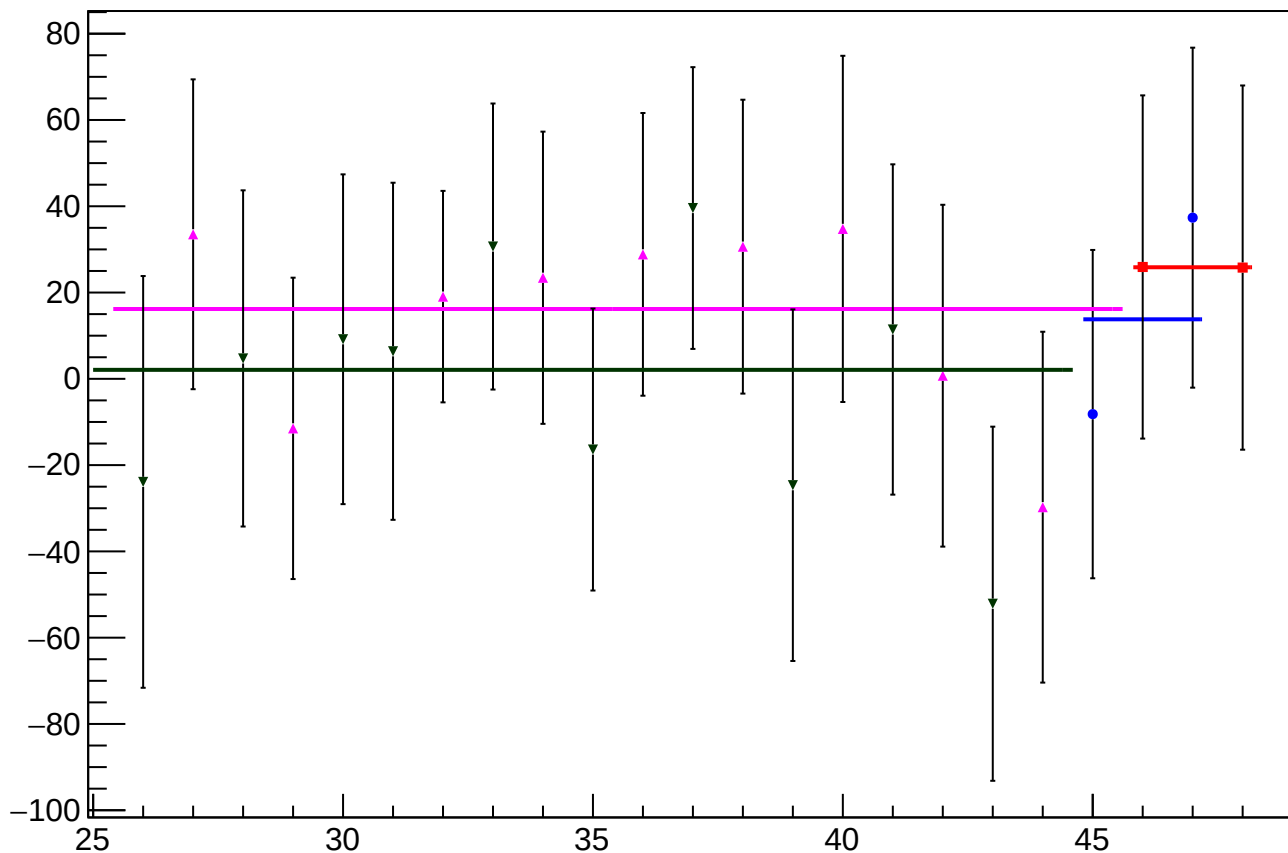
Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

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 $\pm$ 27.373 χ^2 /NDF: 0.7/1

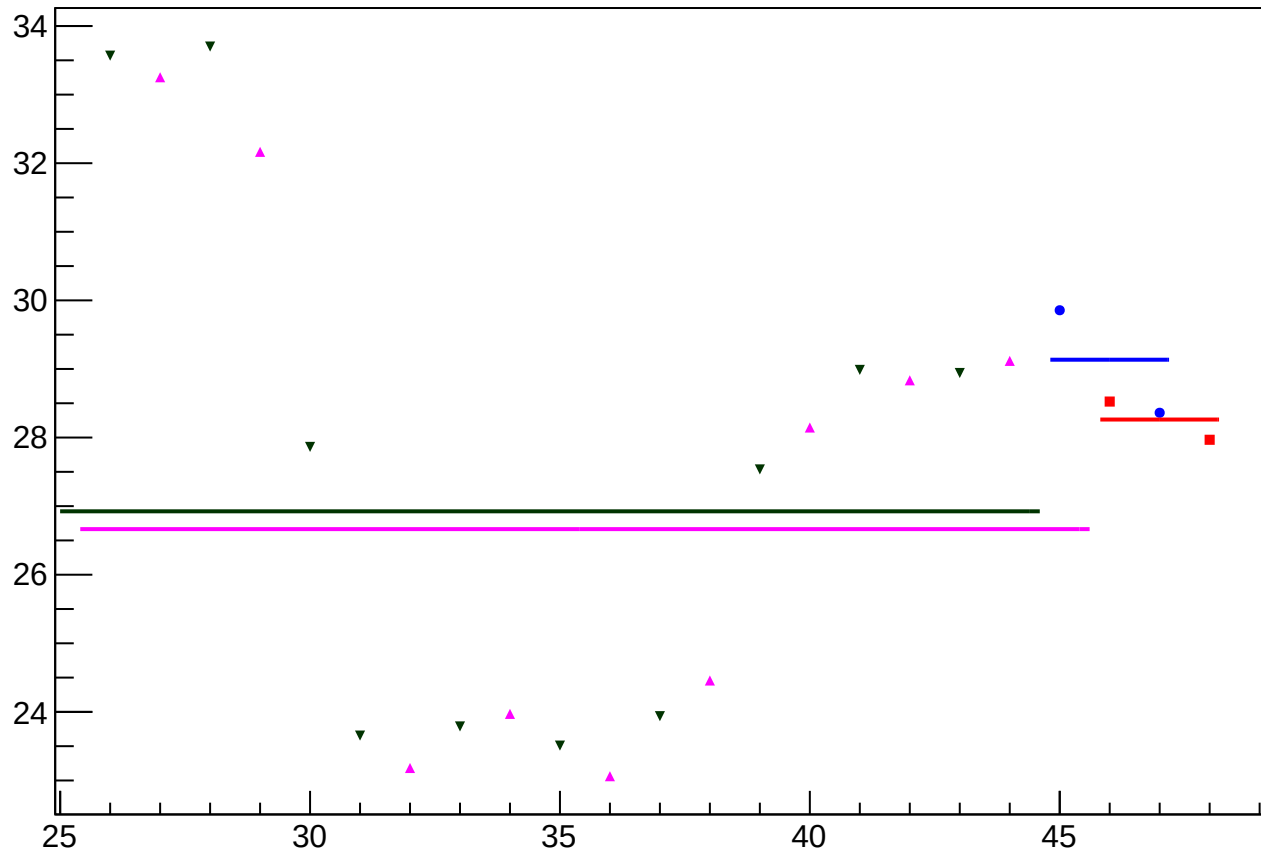
Left Out: 2.082 $\pm$ 11.868 χ^2 /NDF: 5.0/9

Right Out: 25.859 $\pm$ 28.950 χ^2 /NDF: 0.0/1

Left In: 16.185 $\pm$ 11.331 χ^2 /NDF: 2.9/8

10.915 $\pm$ 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

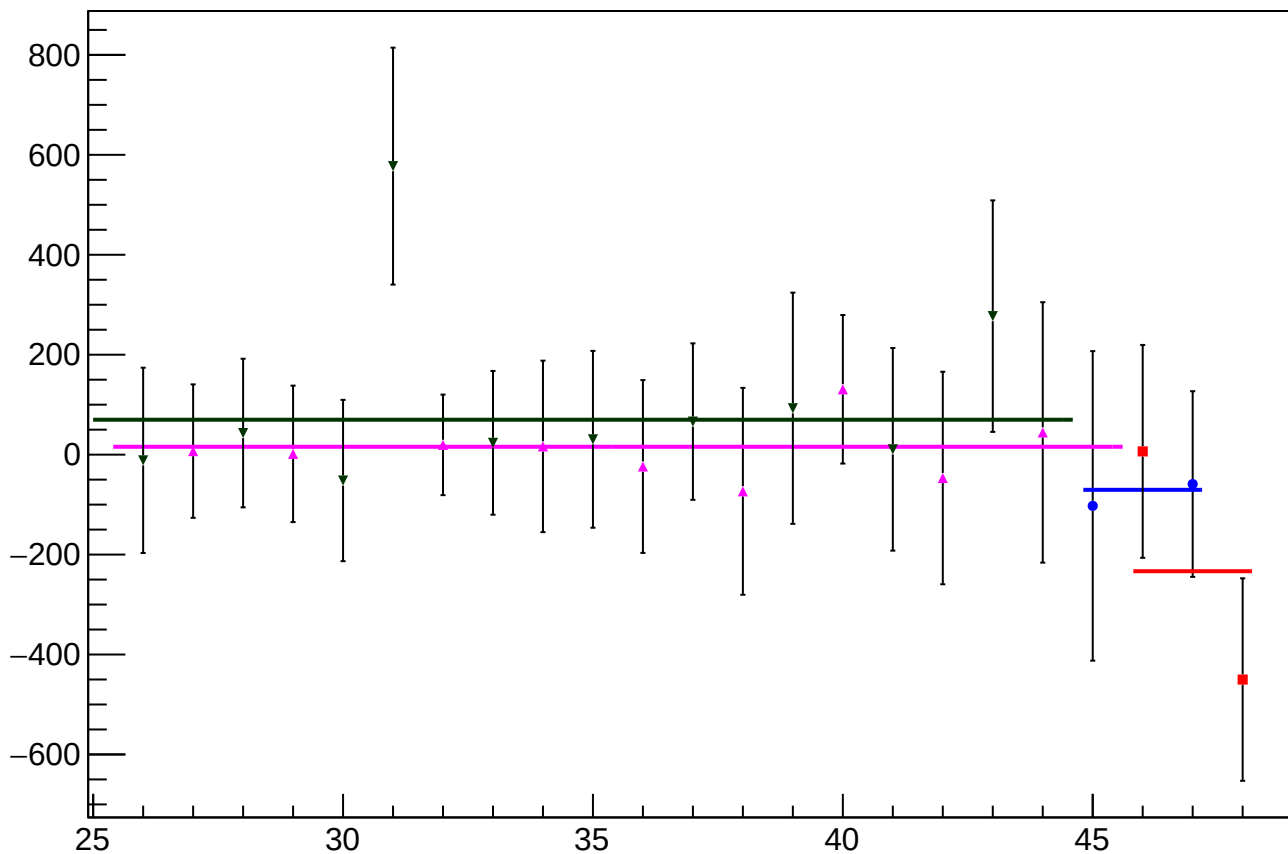
Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

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

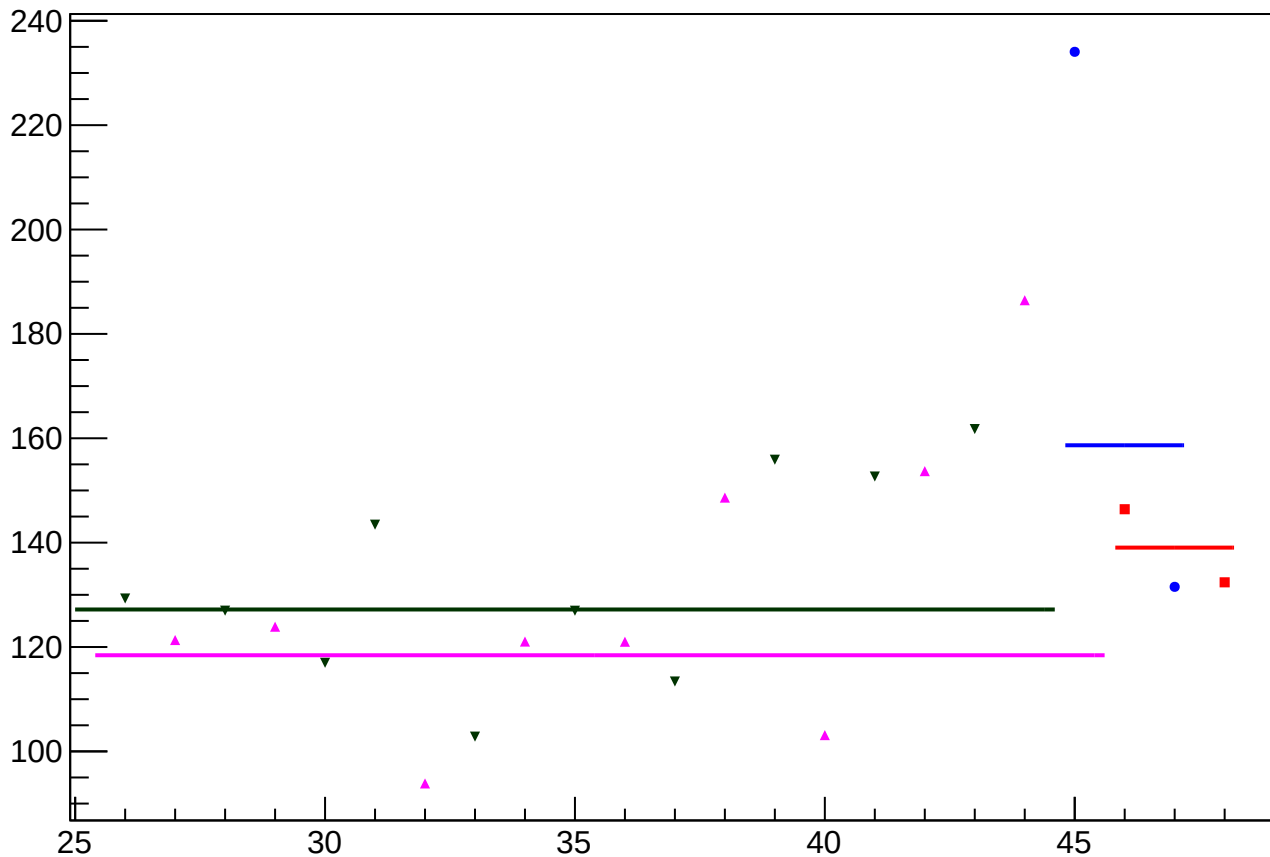
Left Out: 69.878 $\pm$ 56.508 χ^2/NDF : 6.4/9

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

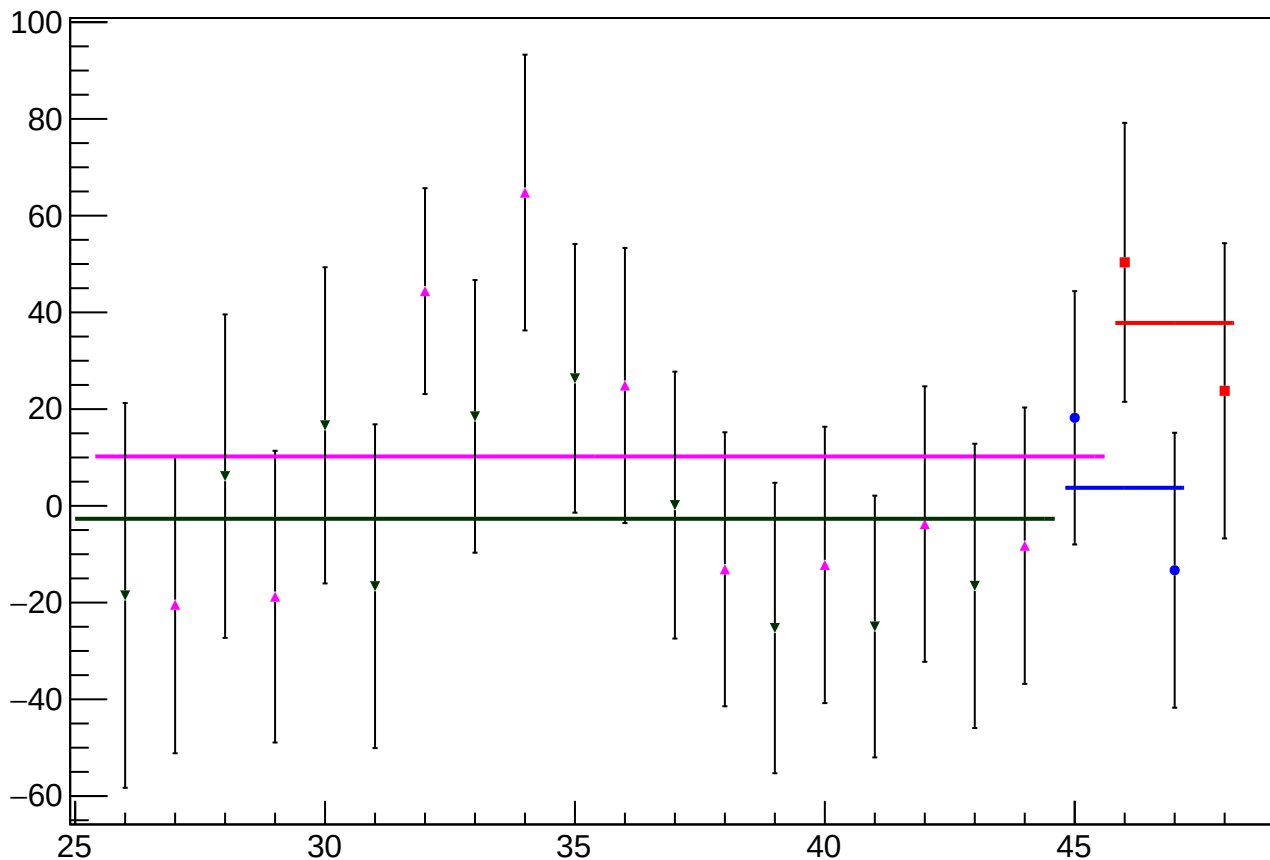
Left Out: 127.192 ± 0.040 χ^2/NDF : 197485.8/9

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 $\pm$ 19.260 χ^2/NDF : 0.7/1

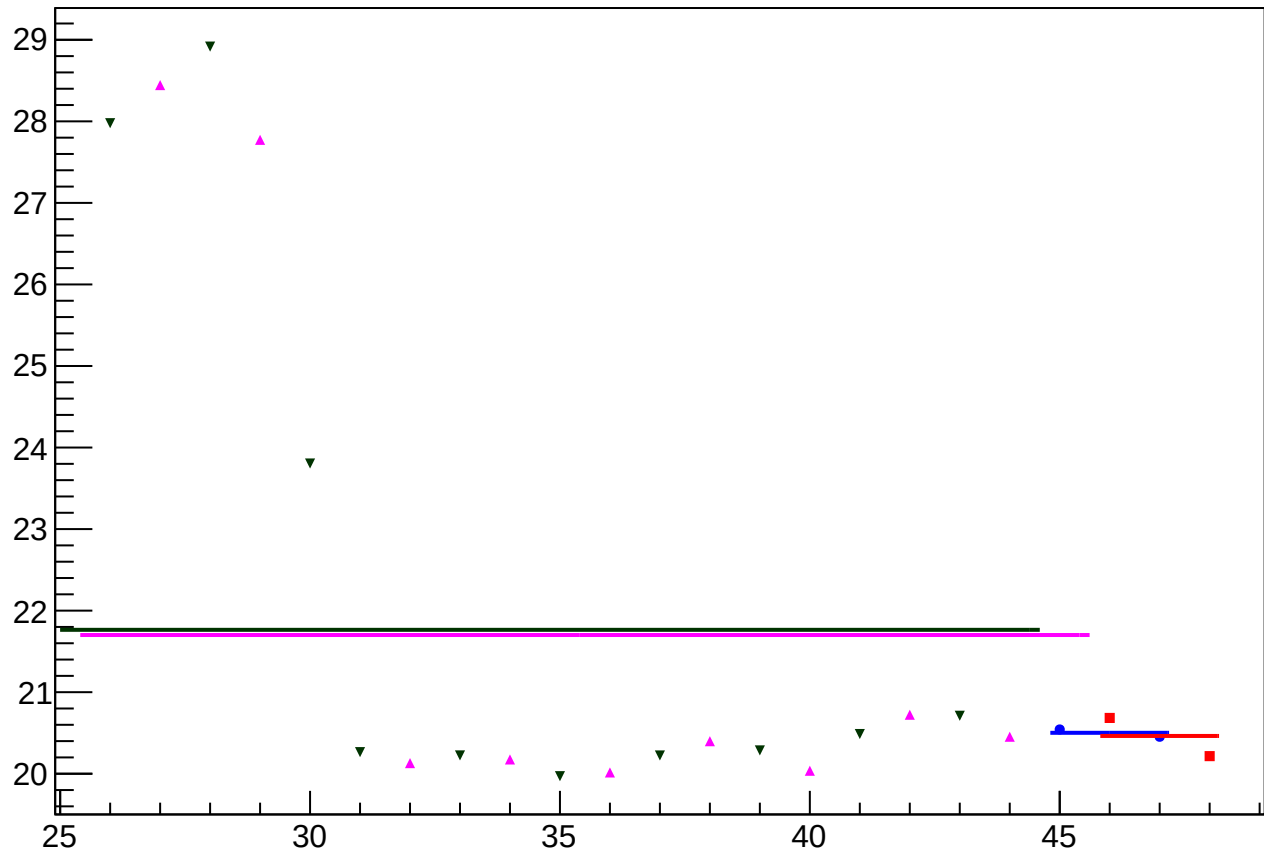
Left Out: -2.673 $\pm$ 9.598 χ^2/NDF : 3.9/9

Right Out: 37.817 $\pm$ 20.961 χ^2/NDF : 0.4/1

Left In: 10.212 $\pm$ 9.220 χ^2/NDF : 10.4/8

6.786 $\pm$ 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

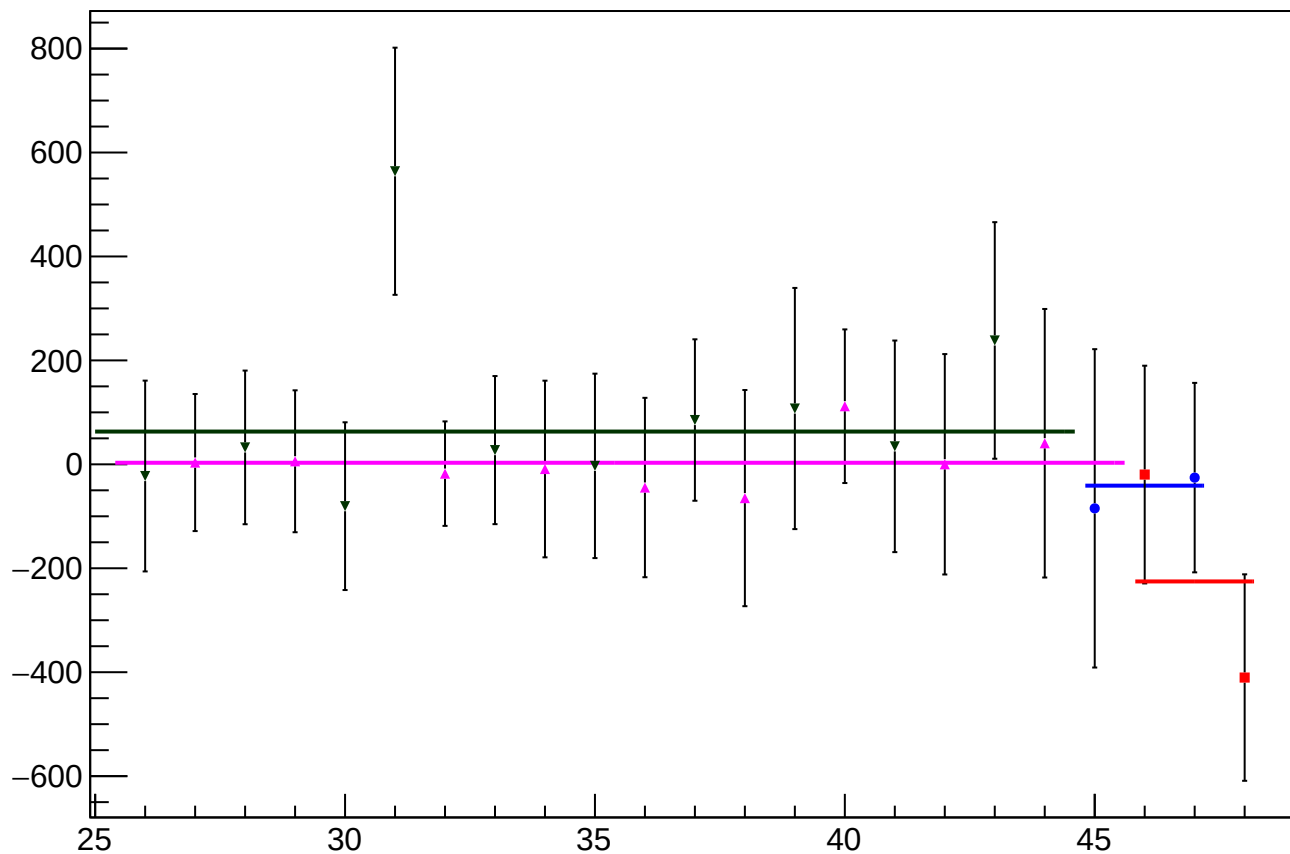
Left Out: 21.765 $\pm$ 0.007 χ^2/NDF : 184541.8/9

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

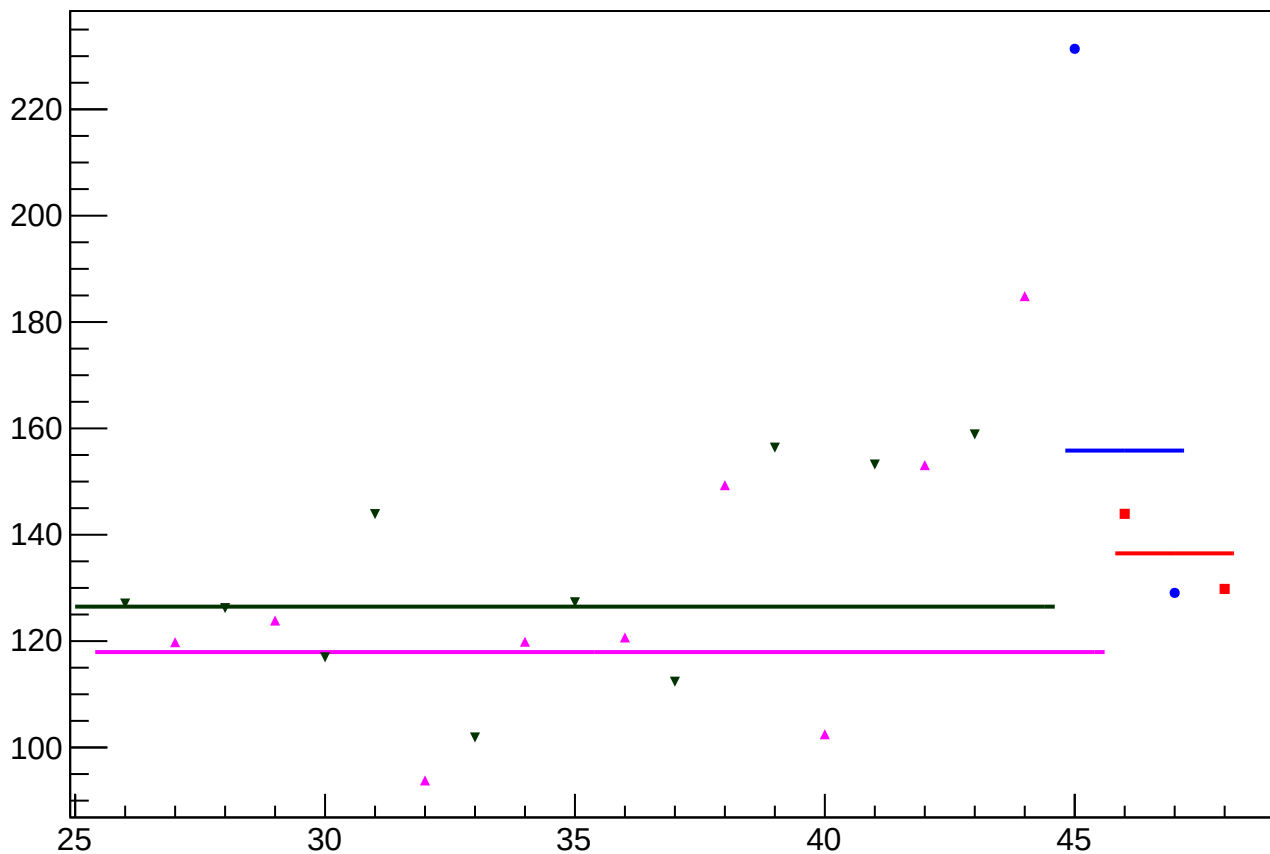
Left Out: 63.061 $\pm$ 56.257 χ^2/NDF : 6.4/9

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

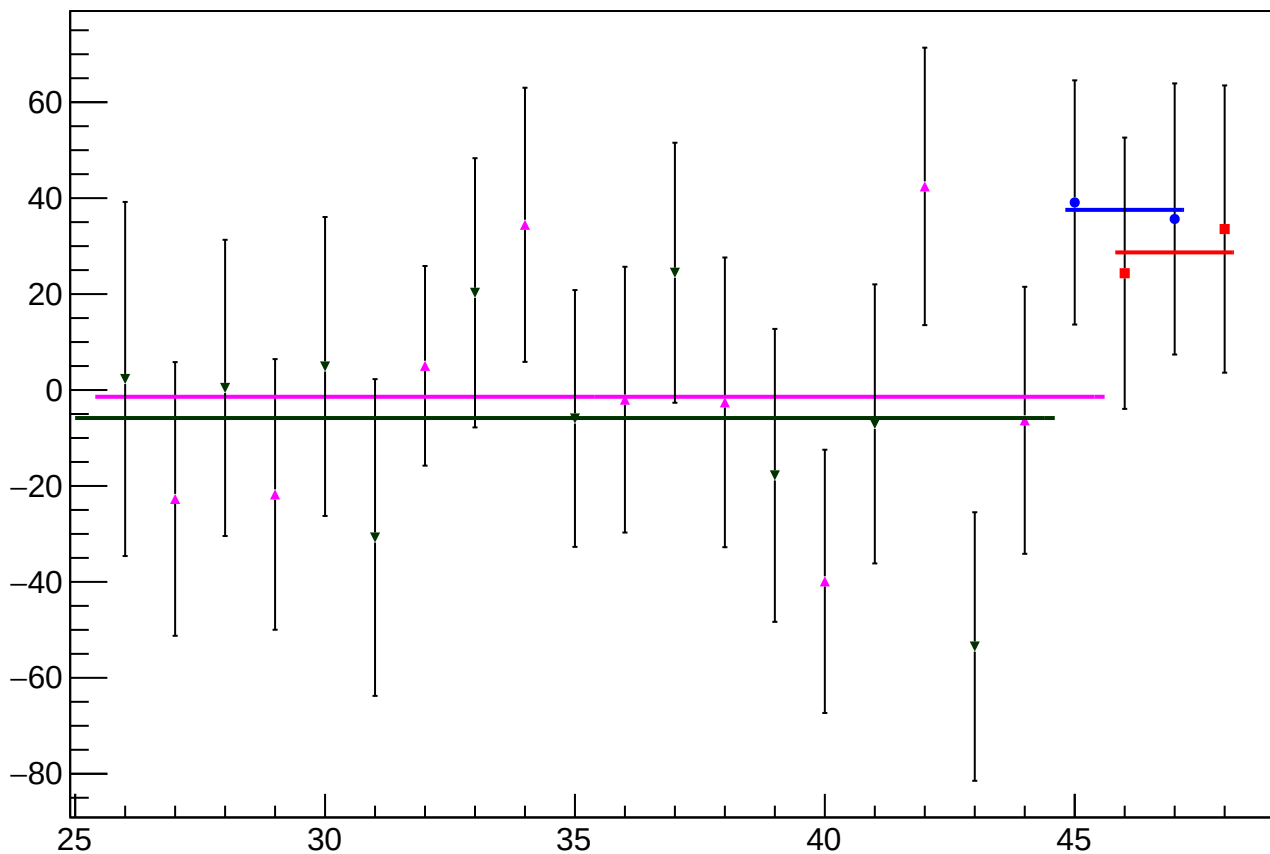
Left Out: 126.482 $\pm$ 0.040 χ^2 /NDF: 202065.4/9

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

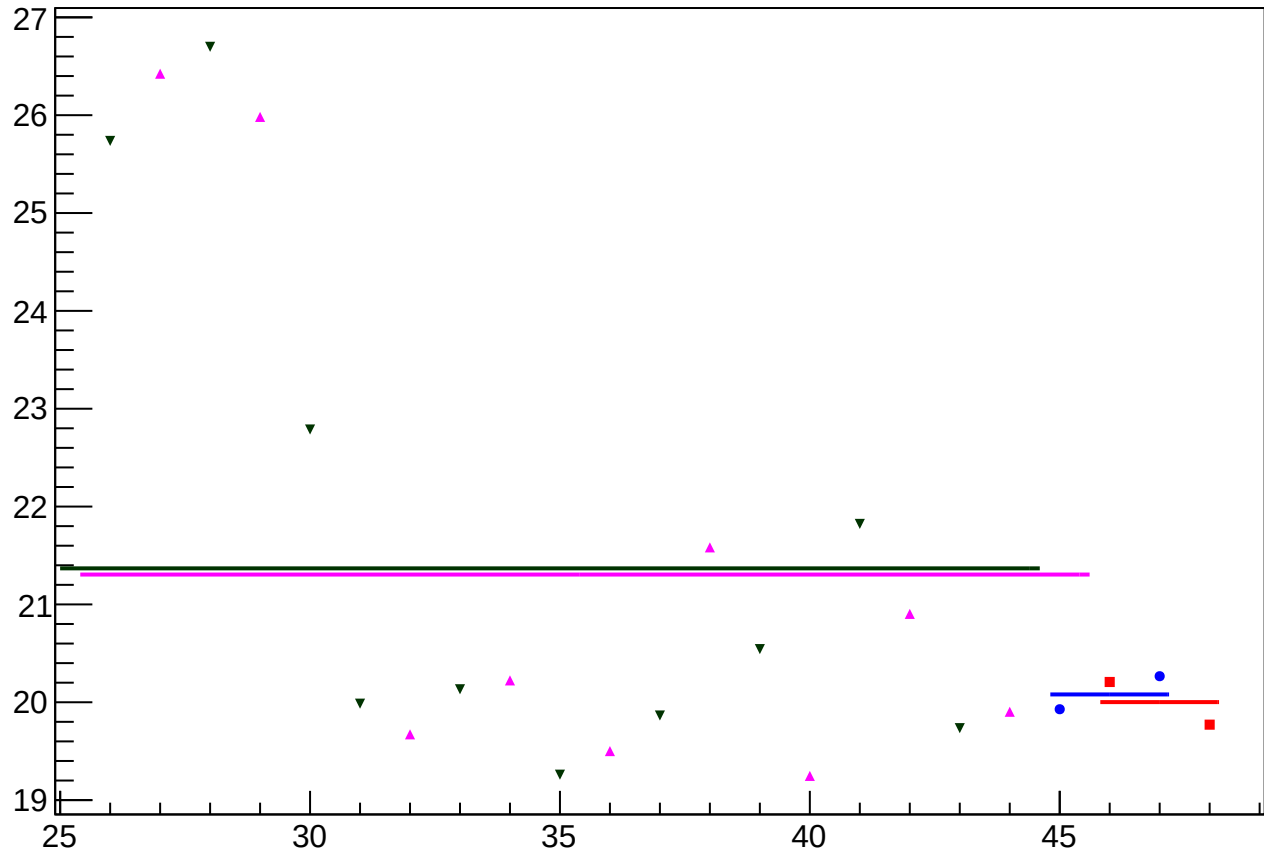
Left Out: -5.840+/-9.412 χ^2/NDF : 5.9/9

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 ± 0.013 χ^2/NDF : 157.4/1

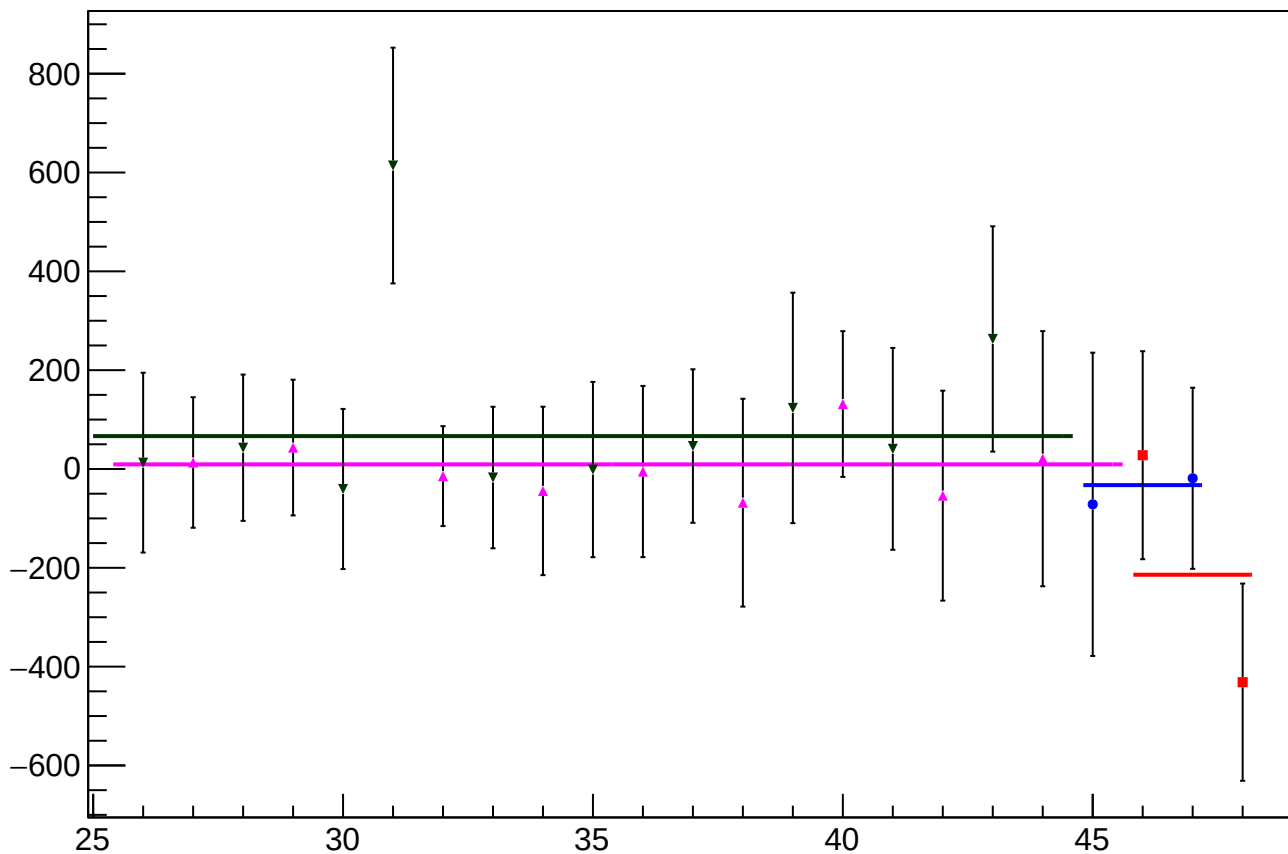
Left Out: 21.368 ± 0.007 χ^2/NDF : 126487.8/9

Right Out: 20.002 ± 0.015 χ^2/NDF : 224.3/1

Left In: 21.305 ± 0.006 χ^2/NDF : 159917.2/8

21.103 ± 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

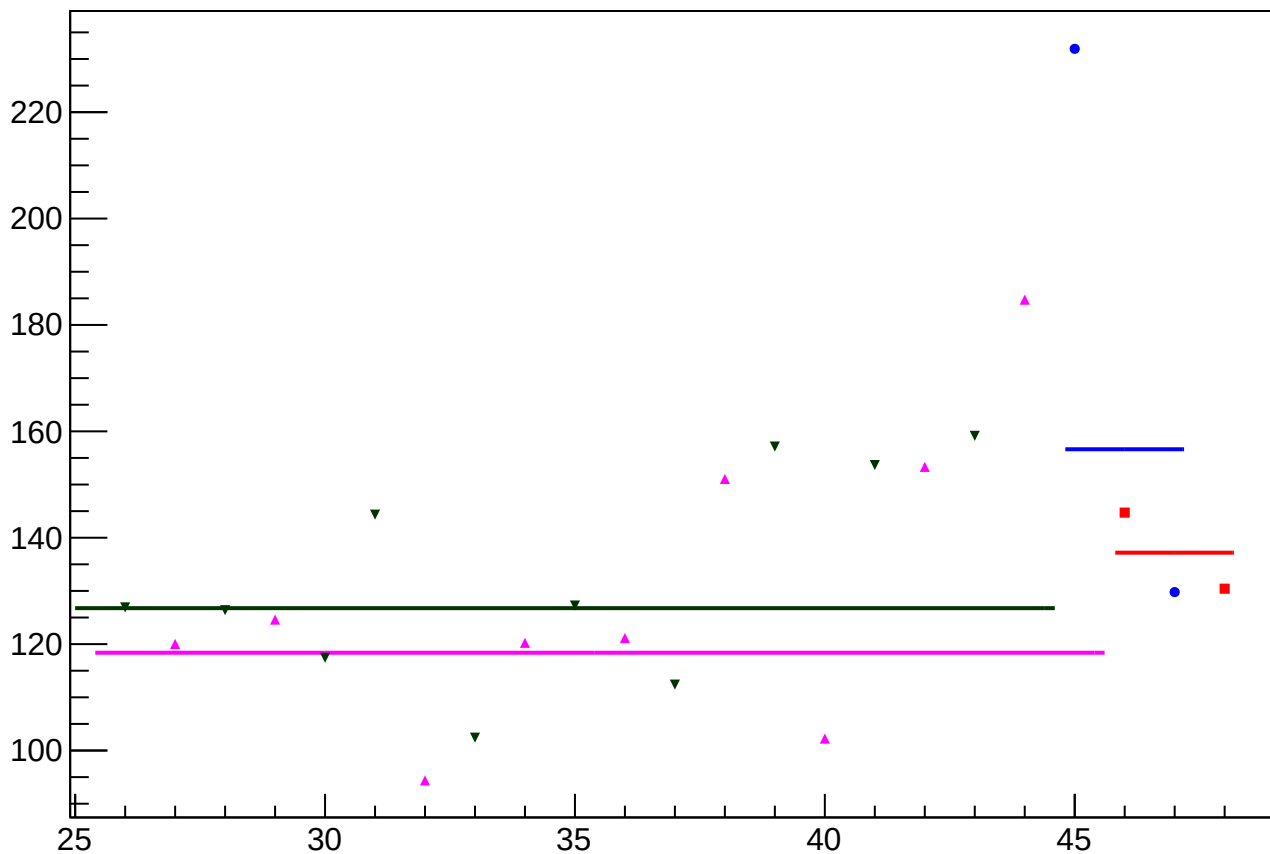
Left Out: 66.532+/-56.339 χ^2/NDF : 7.1/9

16.572+/-35.698 χ^2/NDF : 14.2/22

Right Out: -214.007+/-144.830 χ^2/NDF : 2.5/1

Left In: 9.341+/-51.191 χ^2/NDF : 1.1/8

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 156.631+/-0.111 χ^2/NDF : 163242.4/1

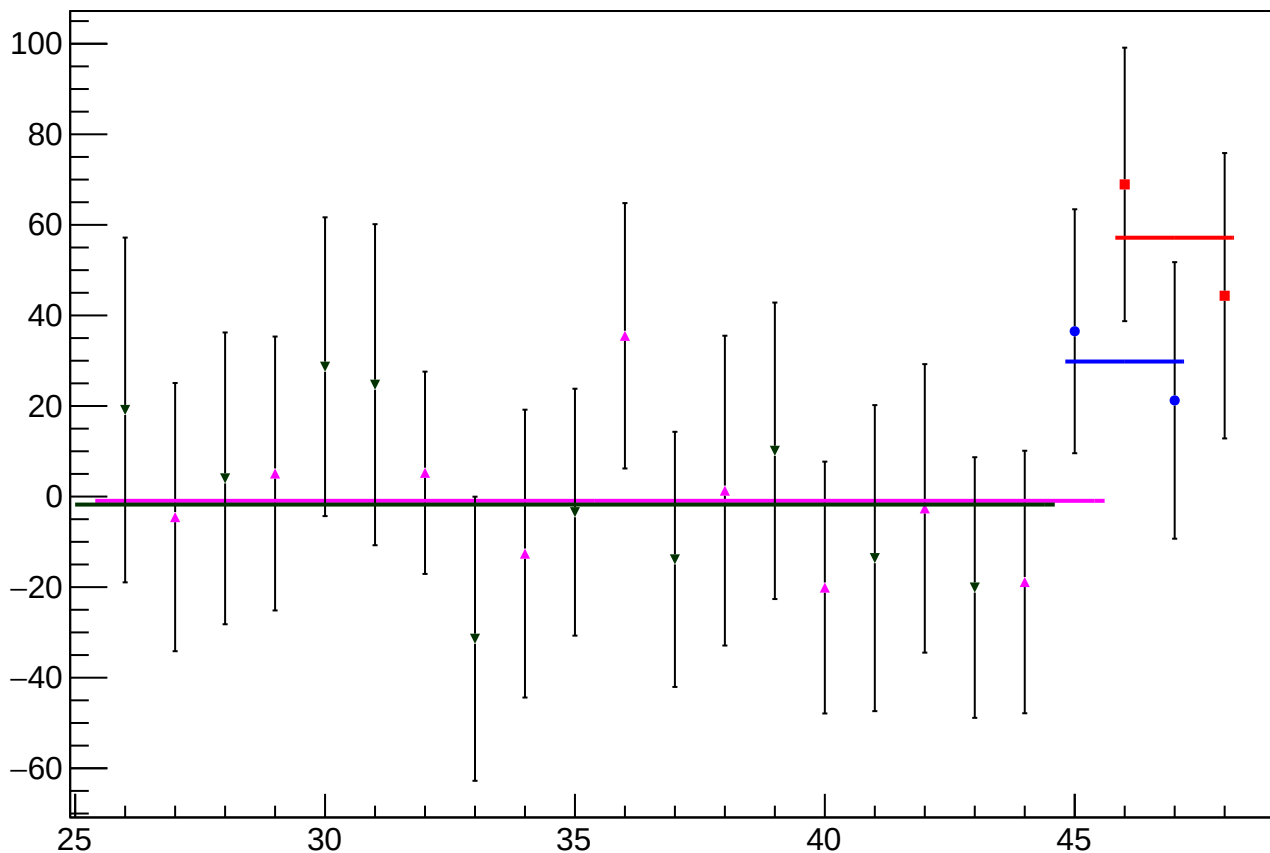
Left Out: 126.761+/-0.040 χ^2/NDF : 201460.1/9

Right Out: 137.191+/-0.102 χ^2/NDF : 4861.6/1

Left In: 118.381+/-0.036 χ^2/NDF : 376314.7/8

124.857+/-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

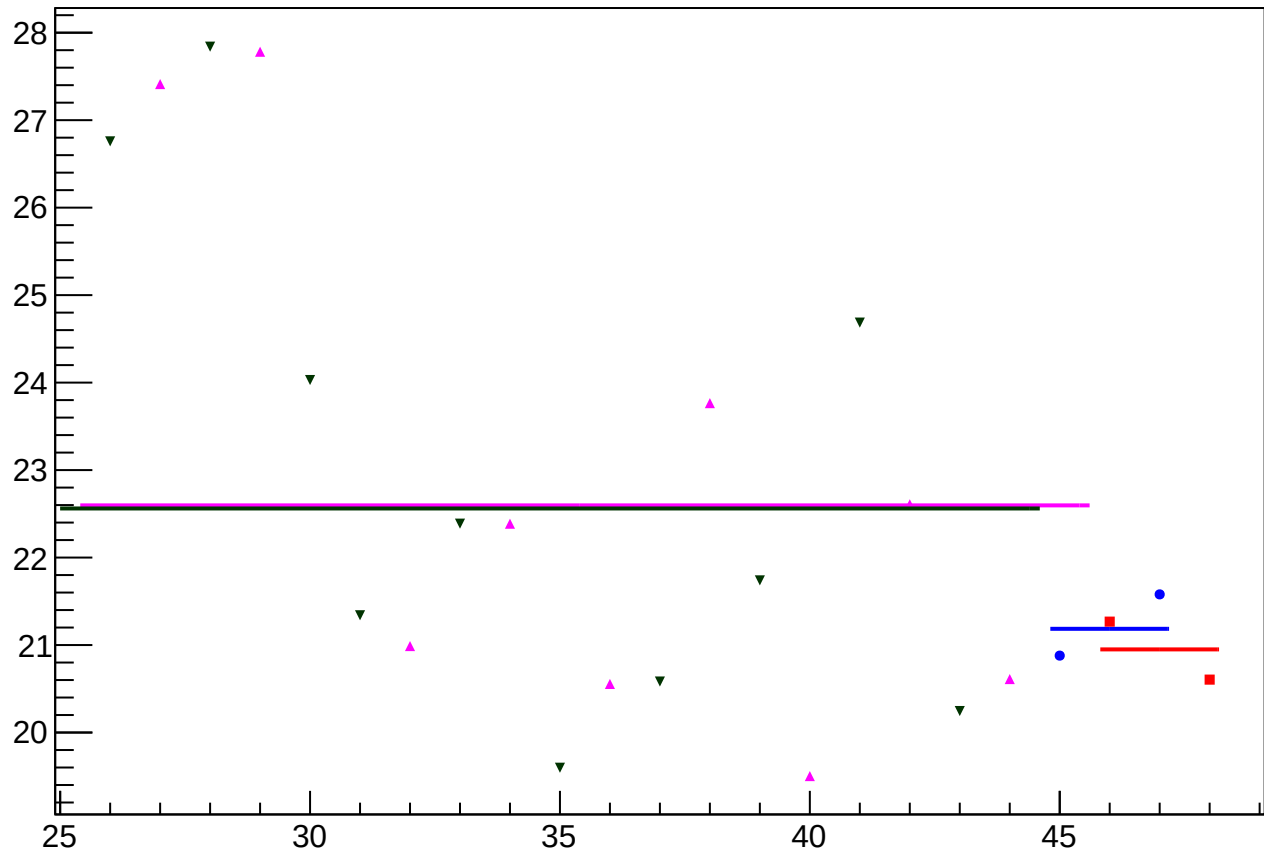
Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF: 3.5/9

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

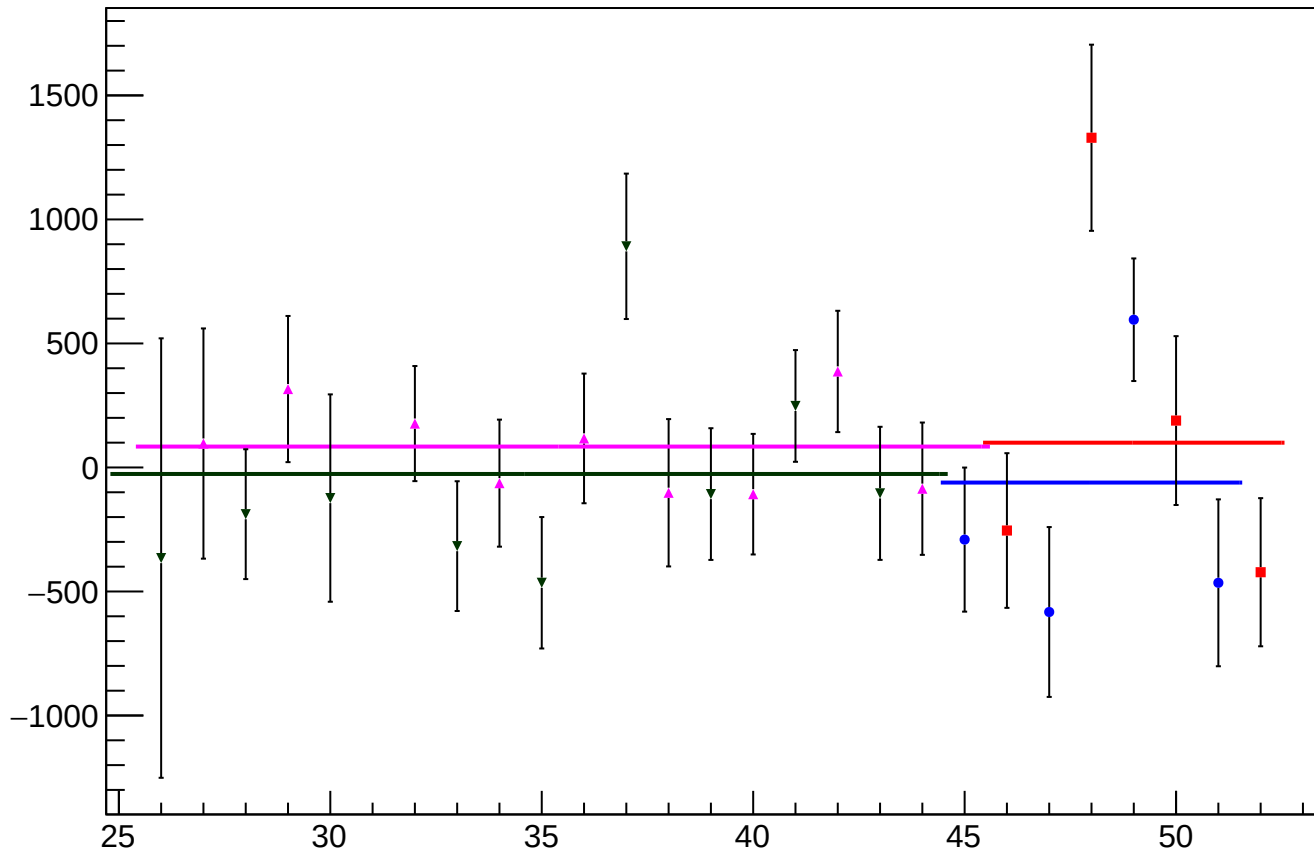
Left Out: 22.561 $\pm$ 0.007 χ^2/NDF : 140006.3/9

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 $\pm$ 148.103 χ^2 /NDF: 11.4/3

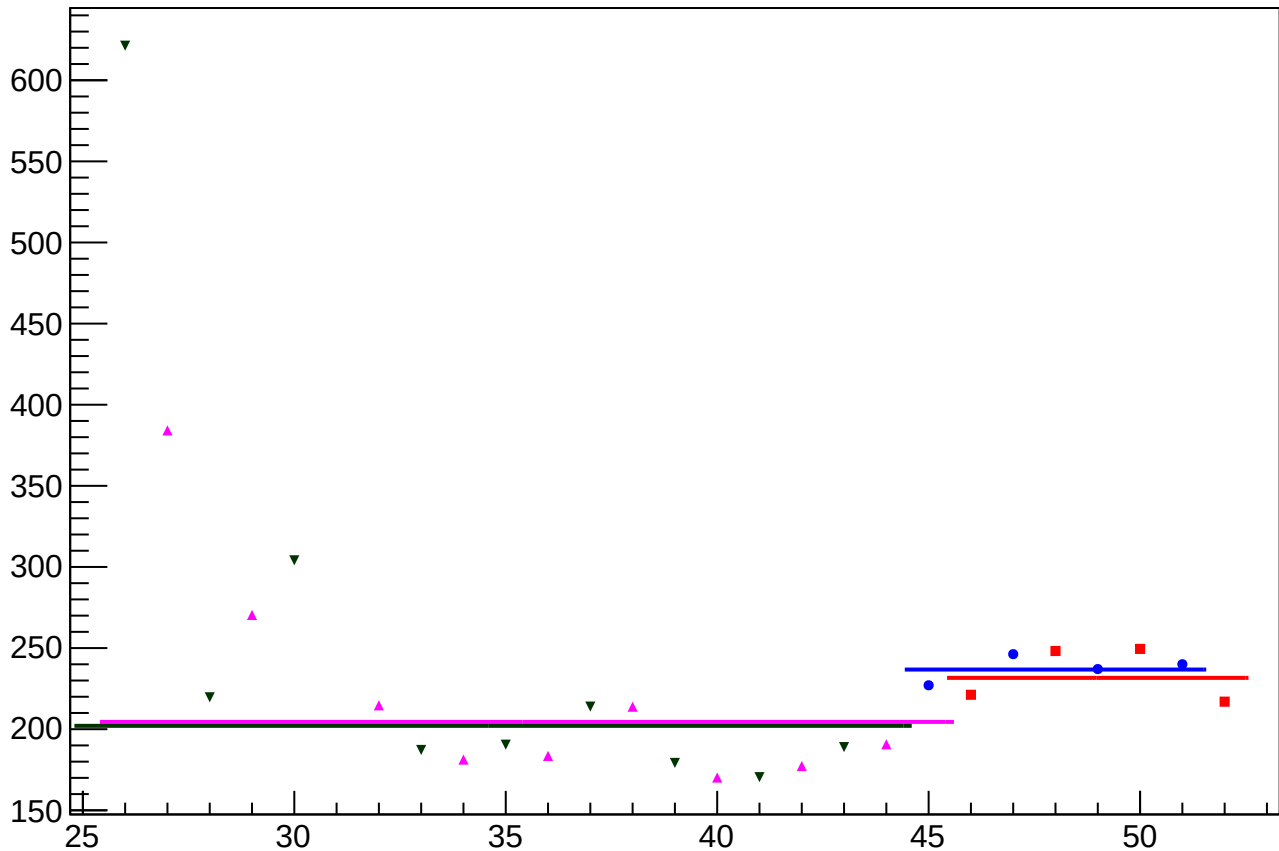
Left Out: -26.215 $\pm$ 95.391 χ^2 /NDF: 16.0/8

26.805 $\pm$ 56.222 χ^2 /NDF: 48.0/25

Right Out: 99.909 $\pm$ 163.890 χ^2 /NDF: 15.1/3

Left In: 84.239 $\pm$ 89.930 χ^2 /NDF: 4.1/8

asym_sam_15_avg_rms vs slug



Right In: 236.764+/-0.105 χ^2/NDF : 3961.9/3

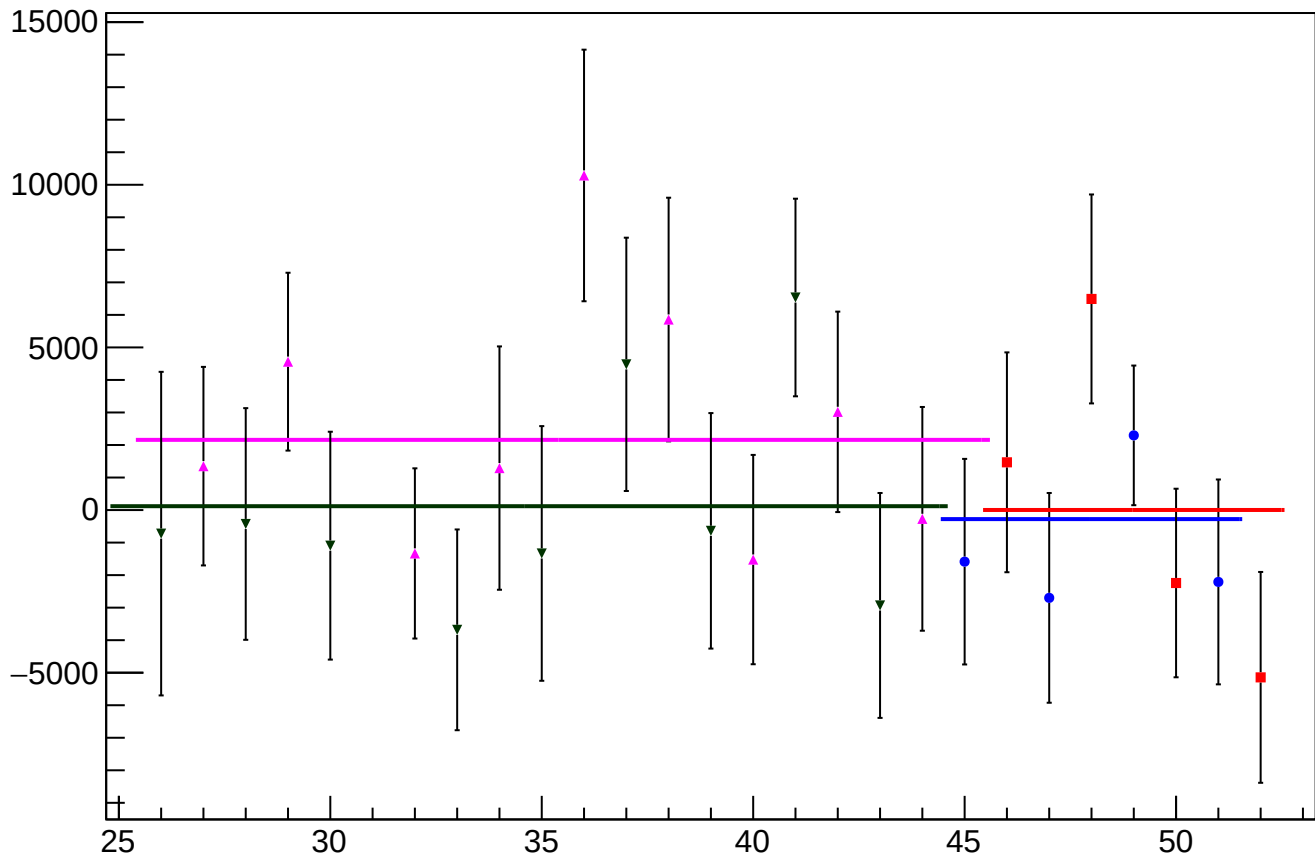
Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

211.500+/-0.040 χ^2/NDF : 1293999.5/25

Right Out: 231.640+/-0.116 χ^2/NDF : 16452.2/3

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

asym_sam_26_avg_mean vs slug



Right In: -278.046 $\pm$ 1394.498 χ^2 /NDF: 2.5/3

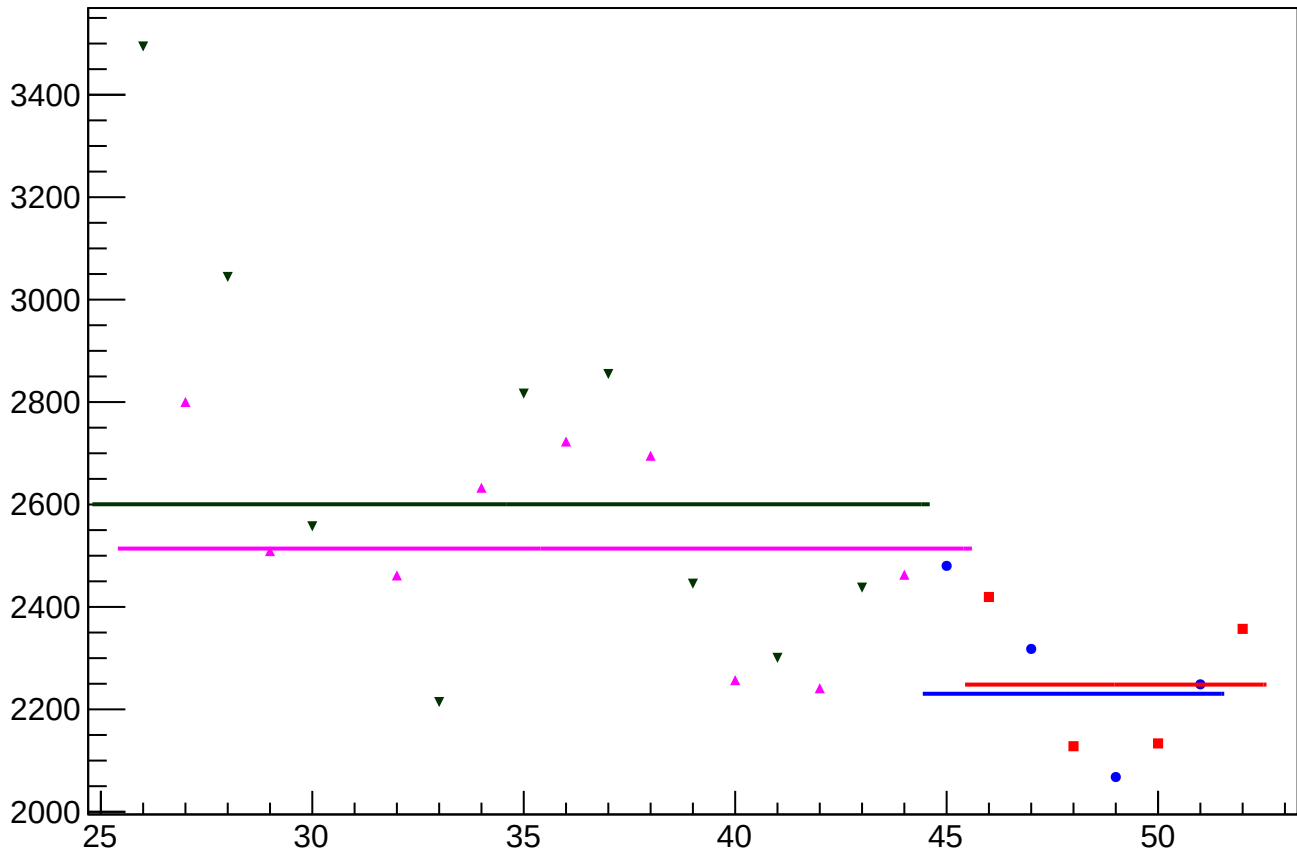
Left Out: 118.708 $\pm$ 1190.644 χ^2 /NDF: 8.4/8

738.744 $\pm$ 632.233 χ^2 /NDF: 31.1/25

Right Out: 2.641 $\pm$ 1583.611 χ^2 /NDF: 7.4/3

Left In: 2158.051 $\pm$ 1063.969 χ^2 /NDF: 10.0/8

asym_sam_26_avg_rms vs slug



Right In: 2230.476+/-0.986 χ^2/NDF : 25507.7/3

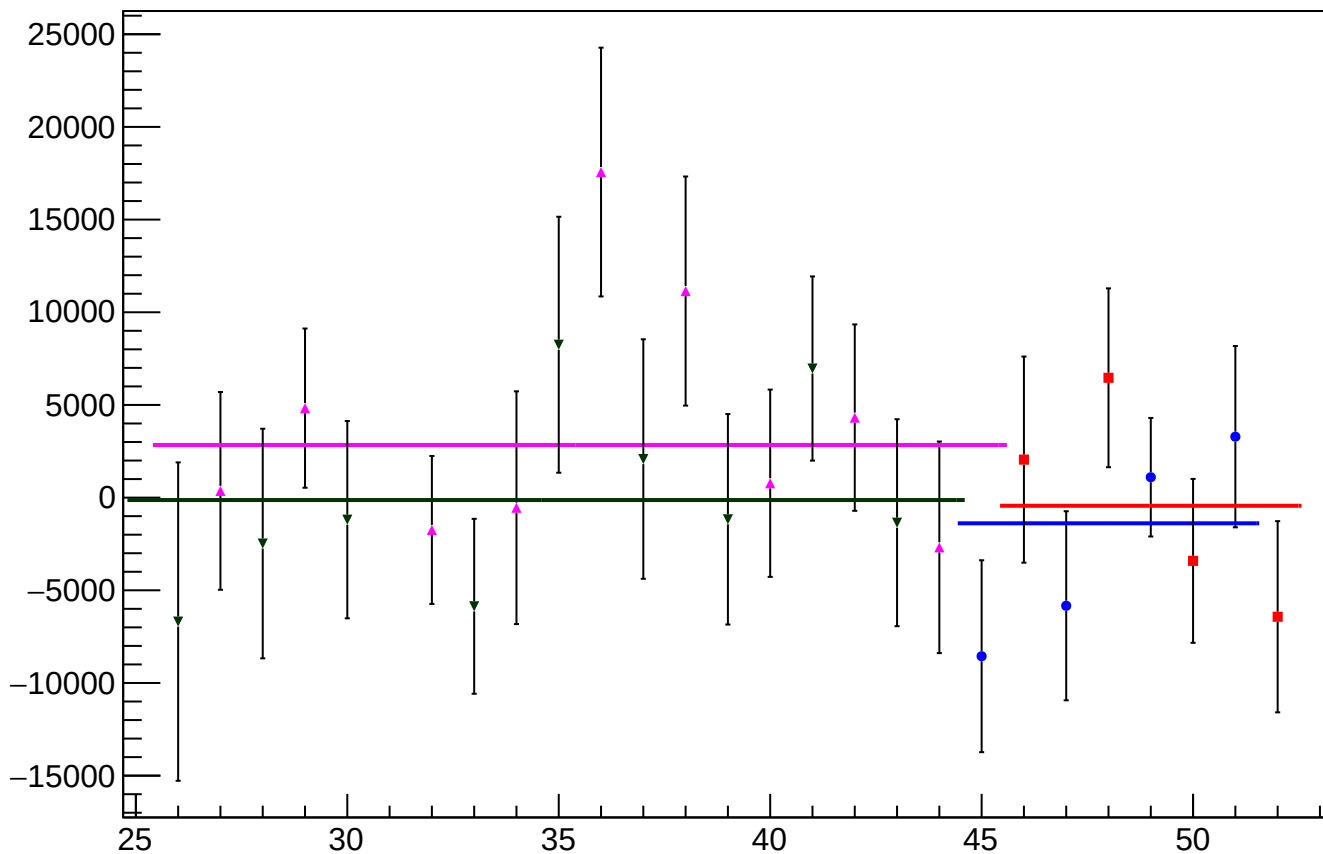
Left Out: 2600.445+/-0.842 χ^2/NDF :169500.1/8

2437.736+/-0.447 χ^2/NDF : 388538.7/25

Right Out: 2248.362+/-1.120 χ^2/NDF : 13324.6/3

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

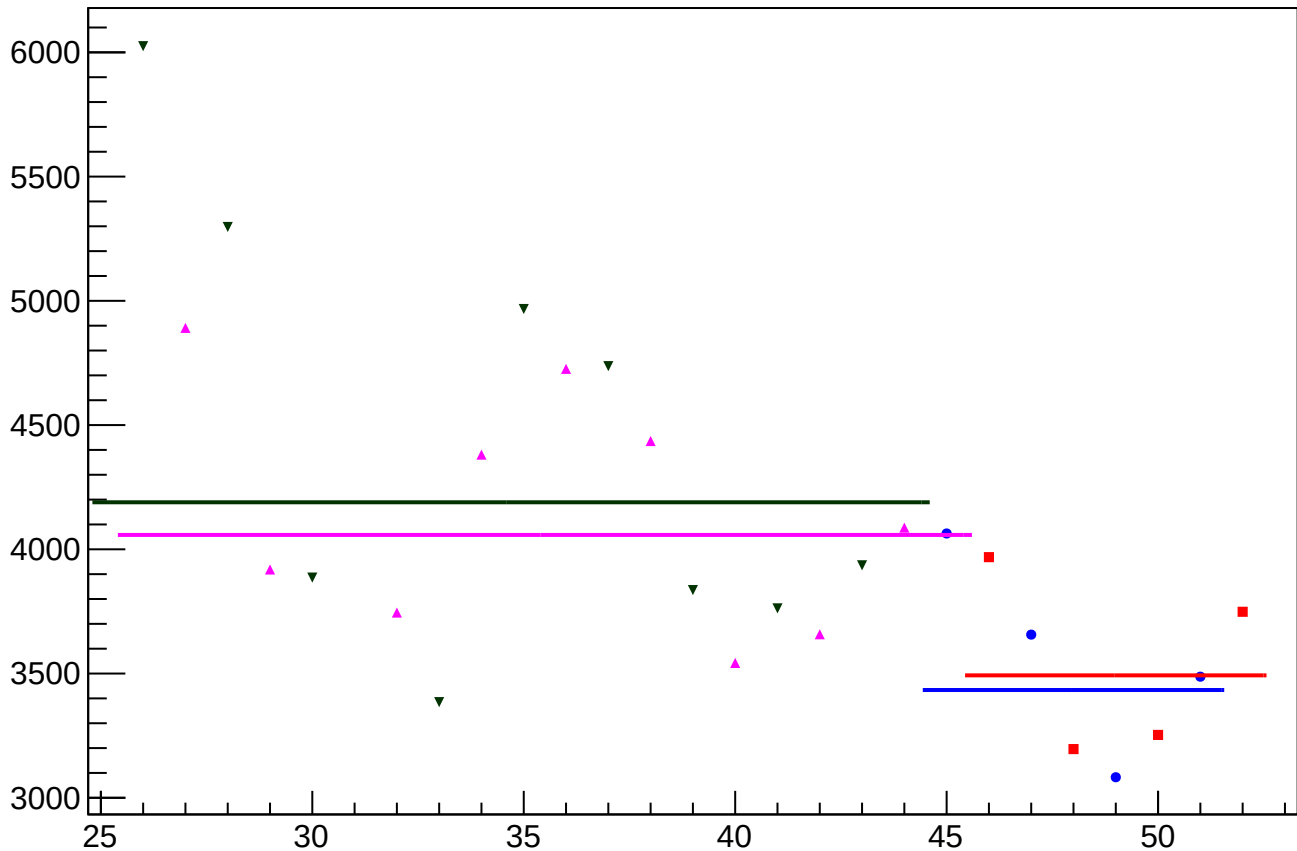
Left Out: -130.759 $\pm$ 1930.273 χ^2 /NDF: 6.0/8

Right Out: -439.584 $\pm$ 2469.022 χ^2 /NDF: 4.0/3

Left In: 2838.910 $\pm$ 1727.020 χ^2 /NDF: 9.8/8

555.659 $\pm$ 1008.598 χ^2 /NDF: 26.9/25

asym_sam_37_avg_rms vs slug



Right In: 3433.728+/-1.524 χ^2/NDF : 57760.5/3

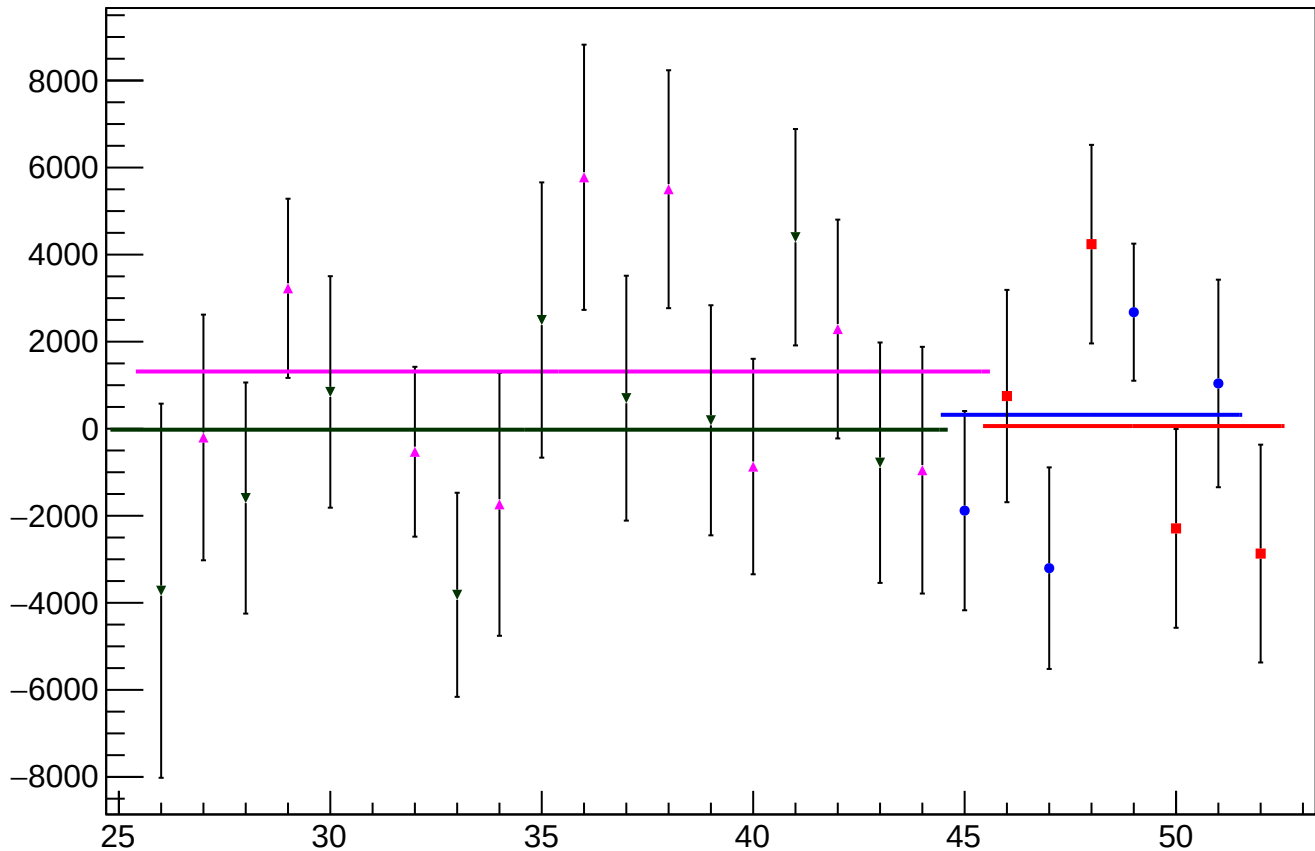
Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

3862.694+/-0.713 χ^2/NDF : 713296.1/25

Right Out: 3492.689+/-1.746 χ^2/NDF : 33006.0/3

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

asym_sam_48_avg_mean vs slug



Right In: 319.646 $\pm$ 1022.462 χ^2 /NDF: 5.6/3

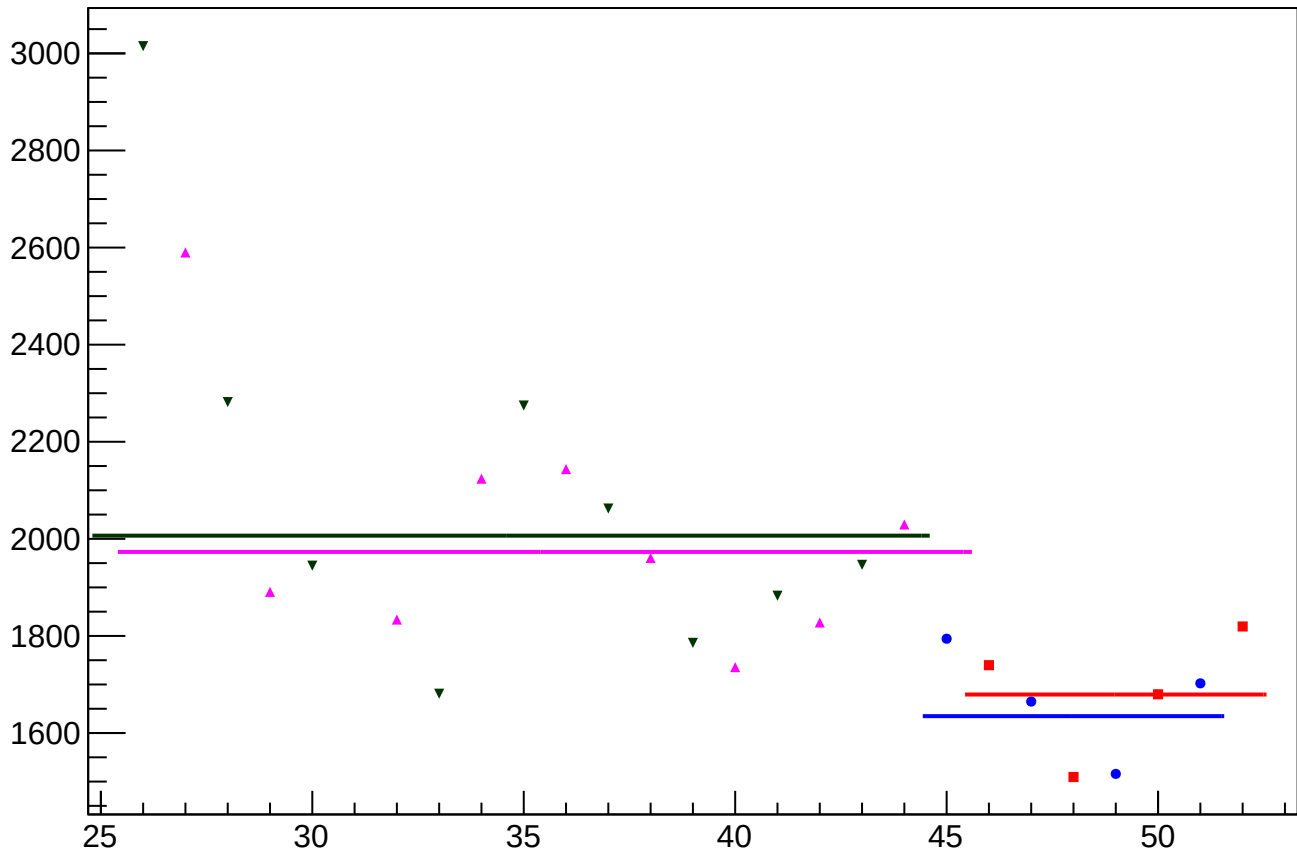
Left Out: -22.507 $\pm$ 919.850 χ^2 /NDF: 7.8/8

Right Out: 61.070 $\pm$ 1185.285 χ^2 /NDF: 5.9/3

Left In: 1314.189 $\pm$ 838.756 χ^2 /NDF: 9.1/8

512.839 $\pm$ 483.841 χ^2 /NDF: 29.8/25

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

1857.640+/-0.342 χ^2/NDF : 624698.3/25

Right Out: 1679.314+/-0.838 χ^2/NDF : 18604.8/3

Left In: 1973.076+/-0.593 χ^2/NDF : 146156.0/8

yield_sam_15_avg_mean vs slug



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

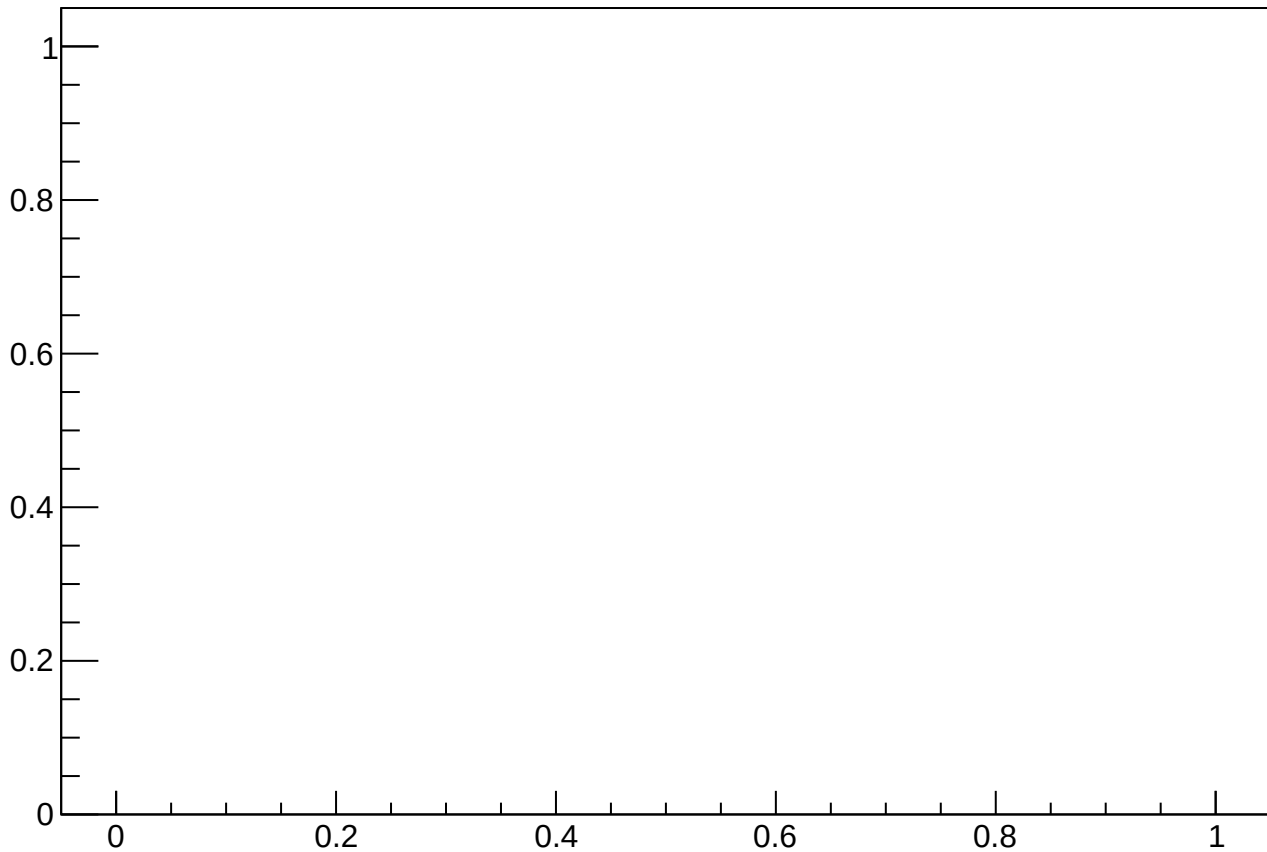
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

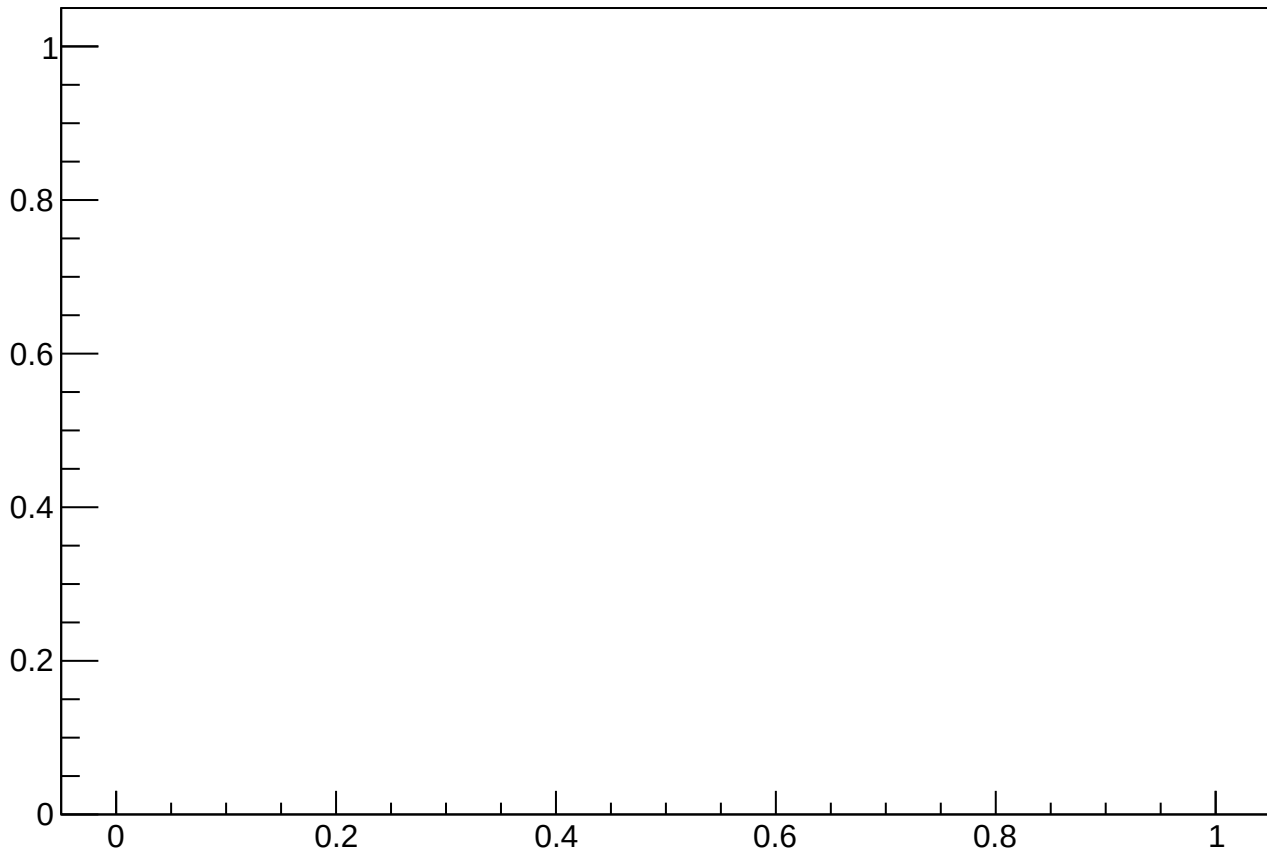
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

yield_sam_26_avg_rms vs slug



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

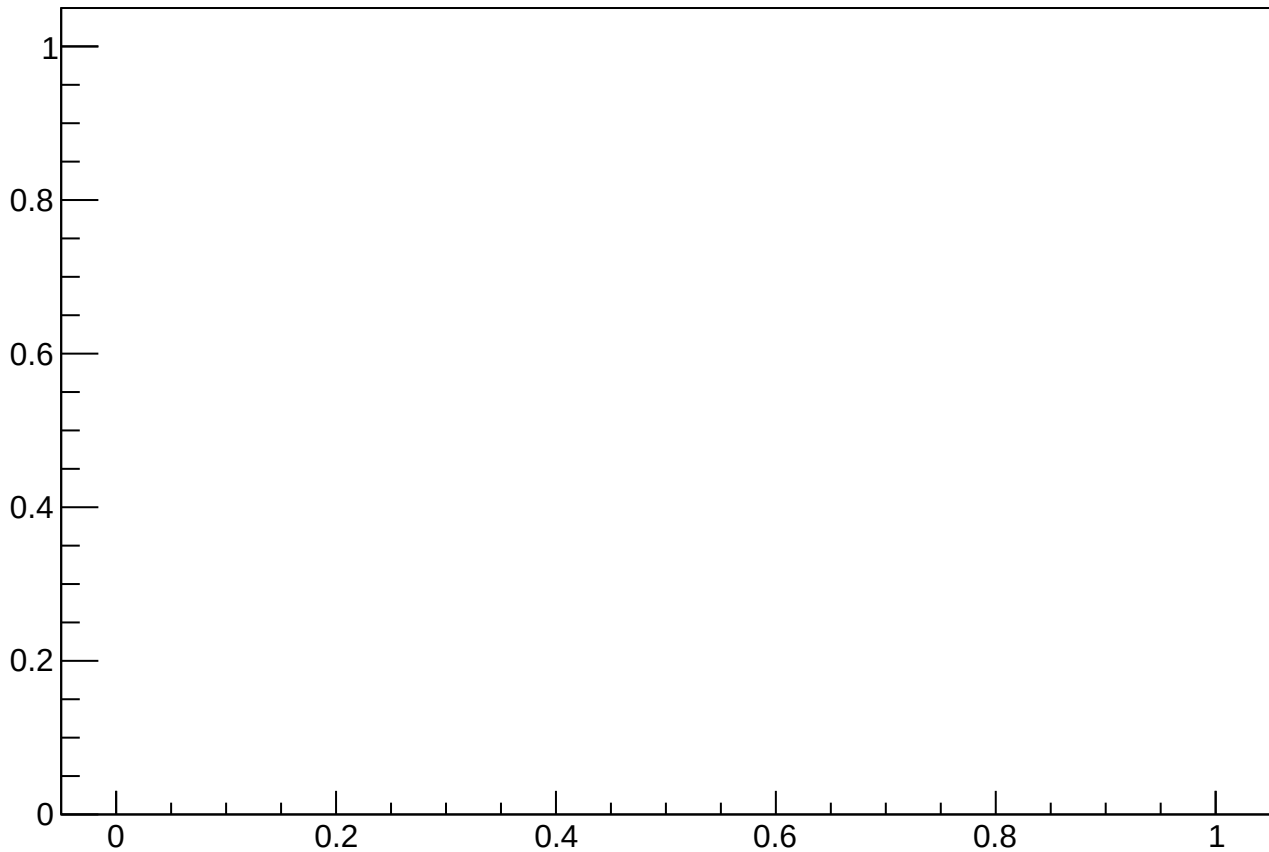
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

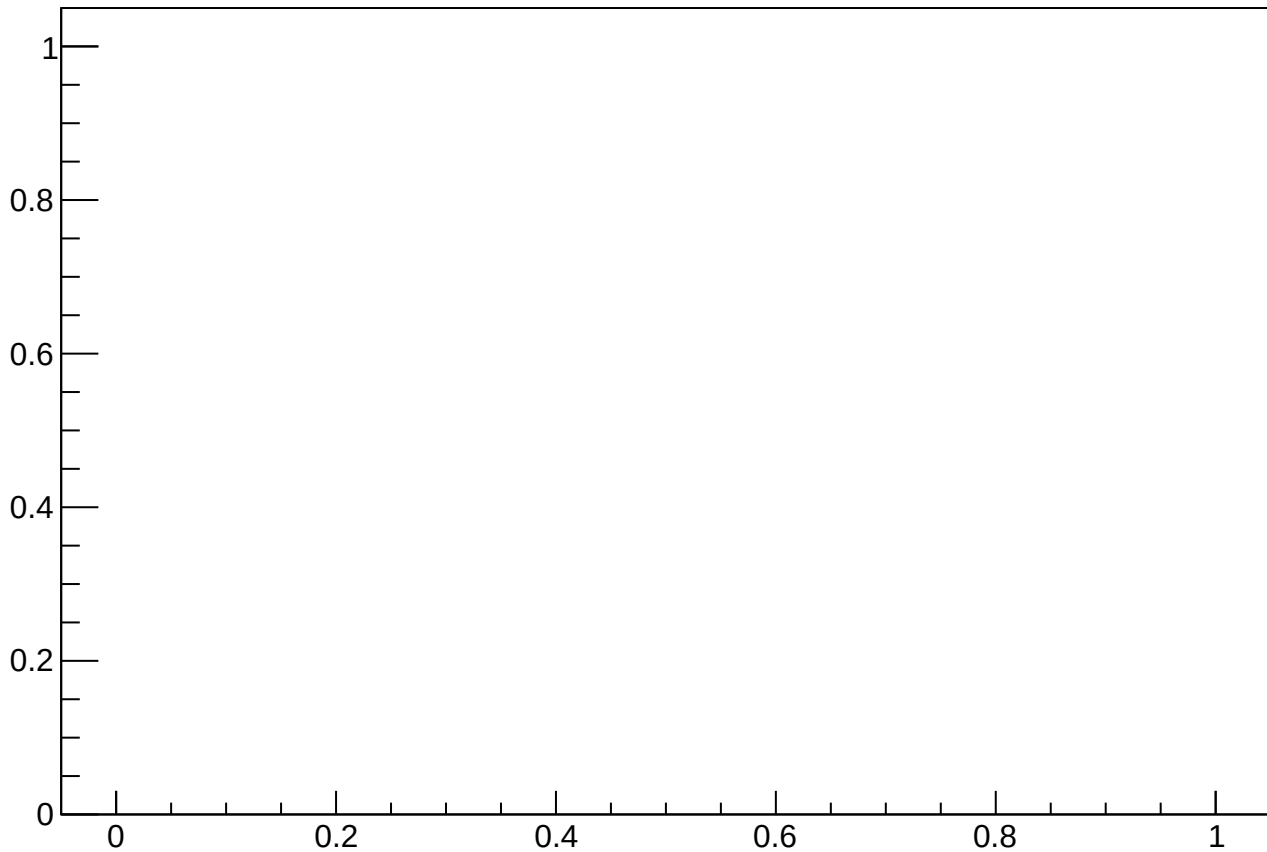
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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+/-0.000 χ^2 /NDF: 0.0/0

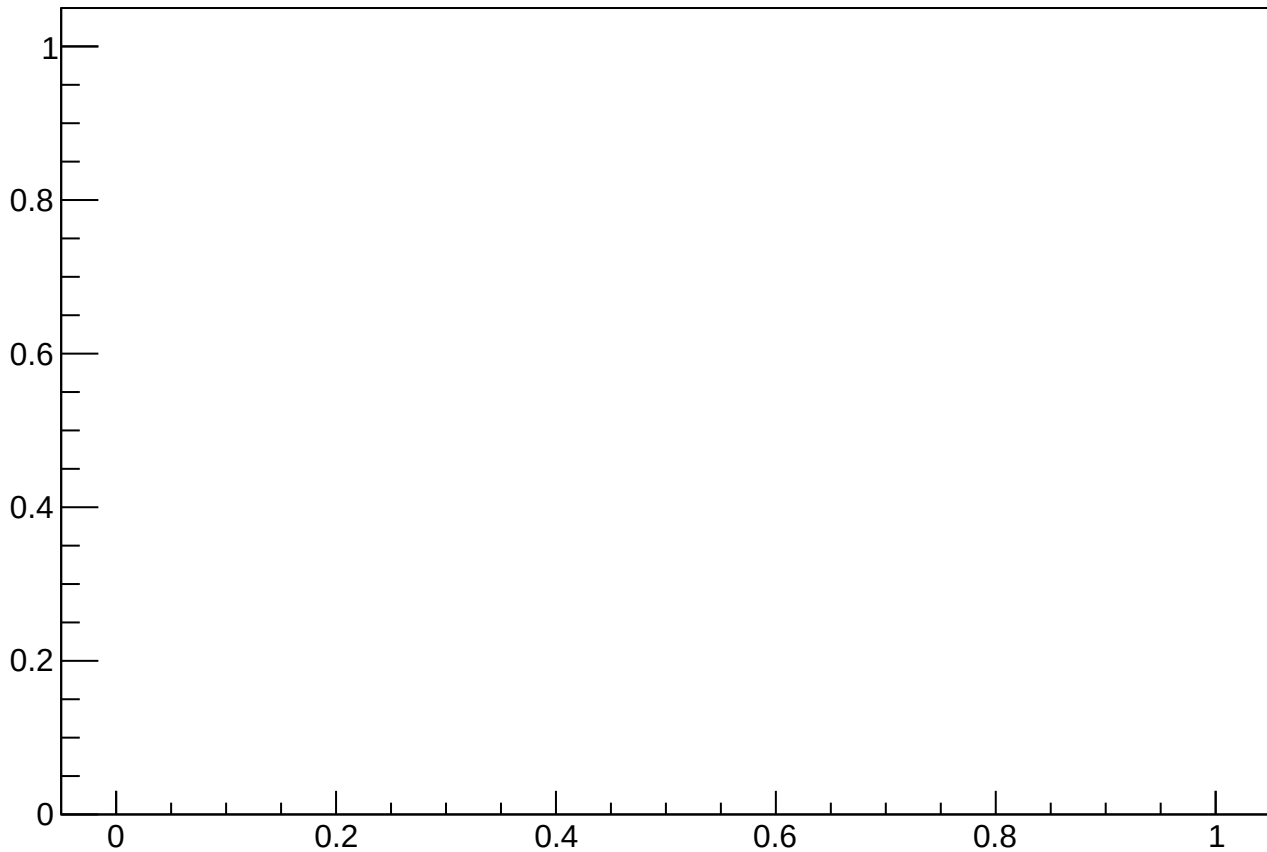
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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+/-0.000 χ^2 /NDF: 0.0/0

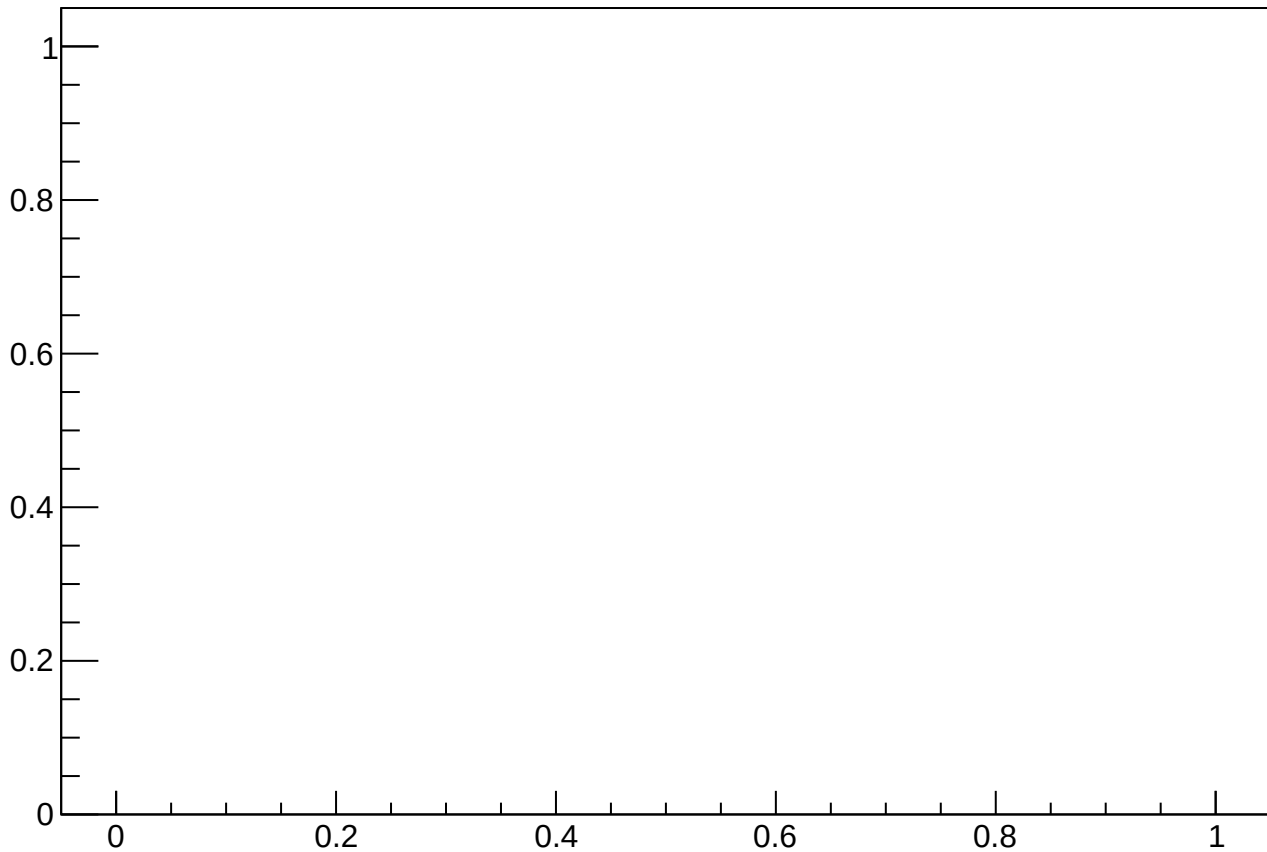
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_avg_rms vs slug



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

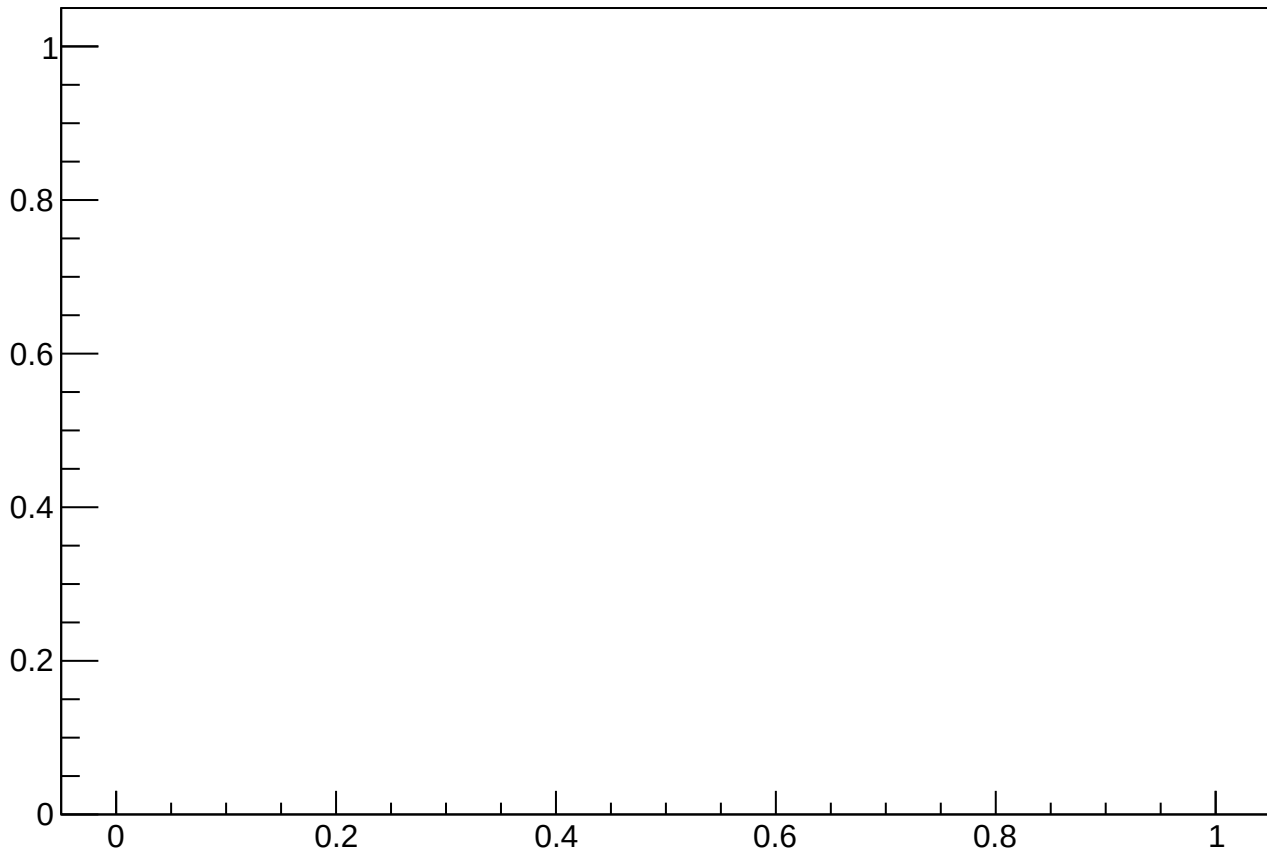
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_avg_mean vs slug



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

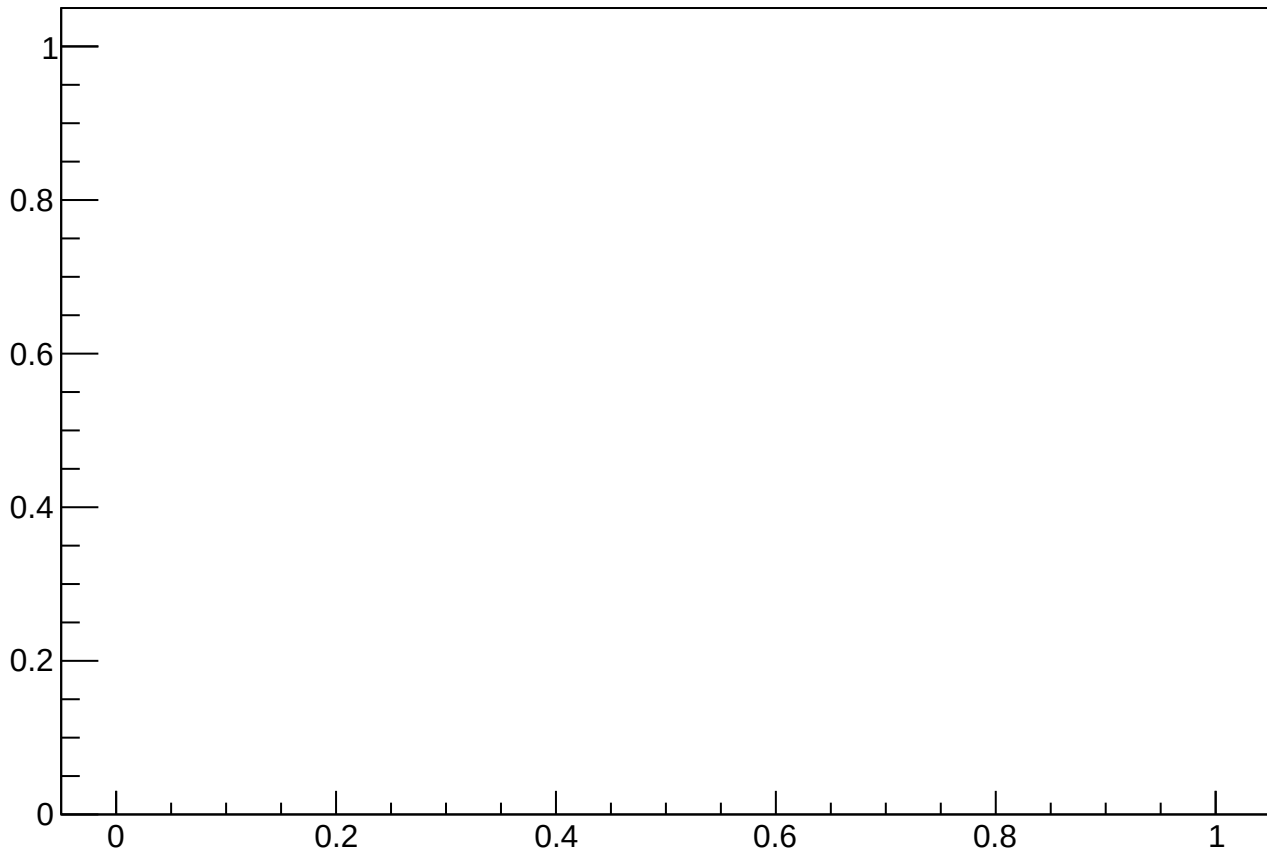
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

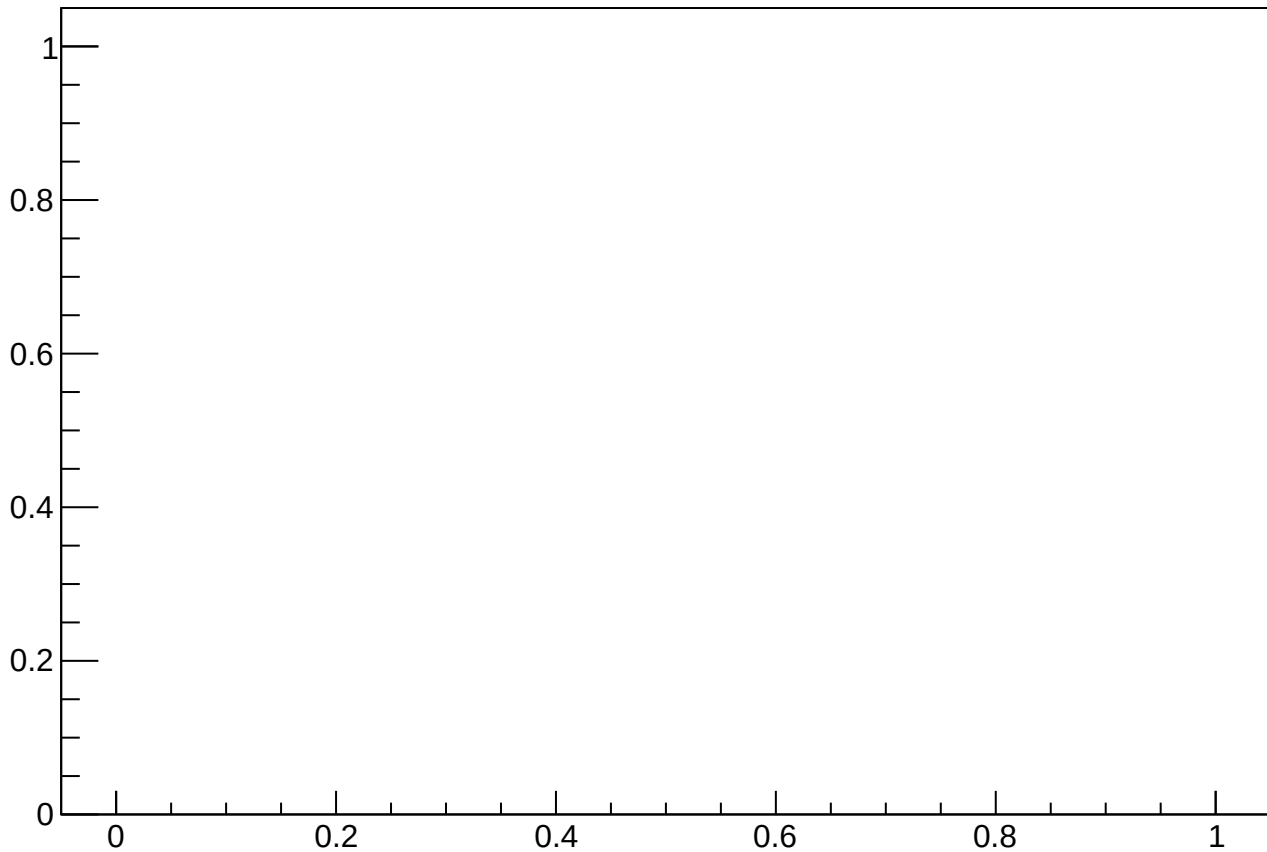
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

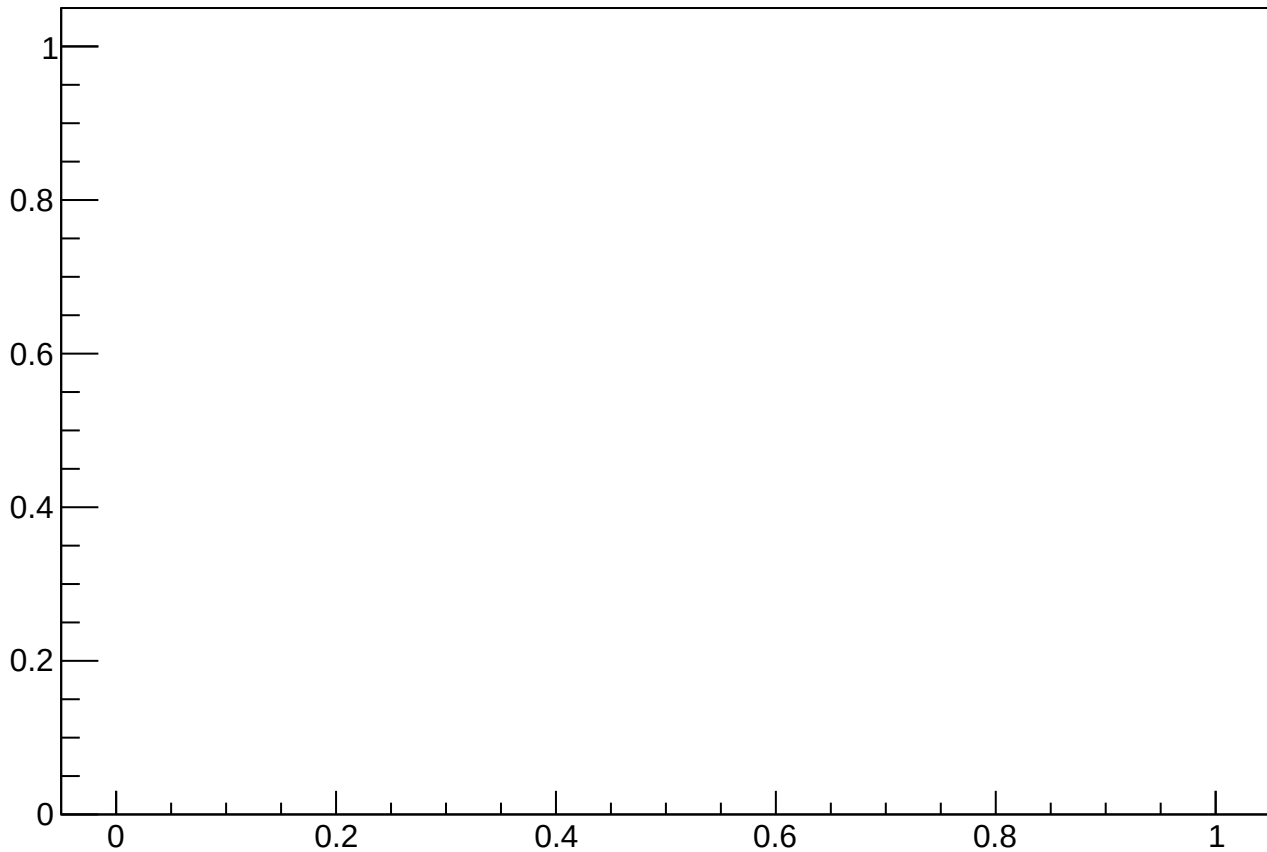
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_rms vs slug



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

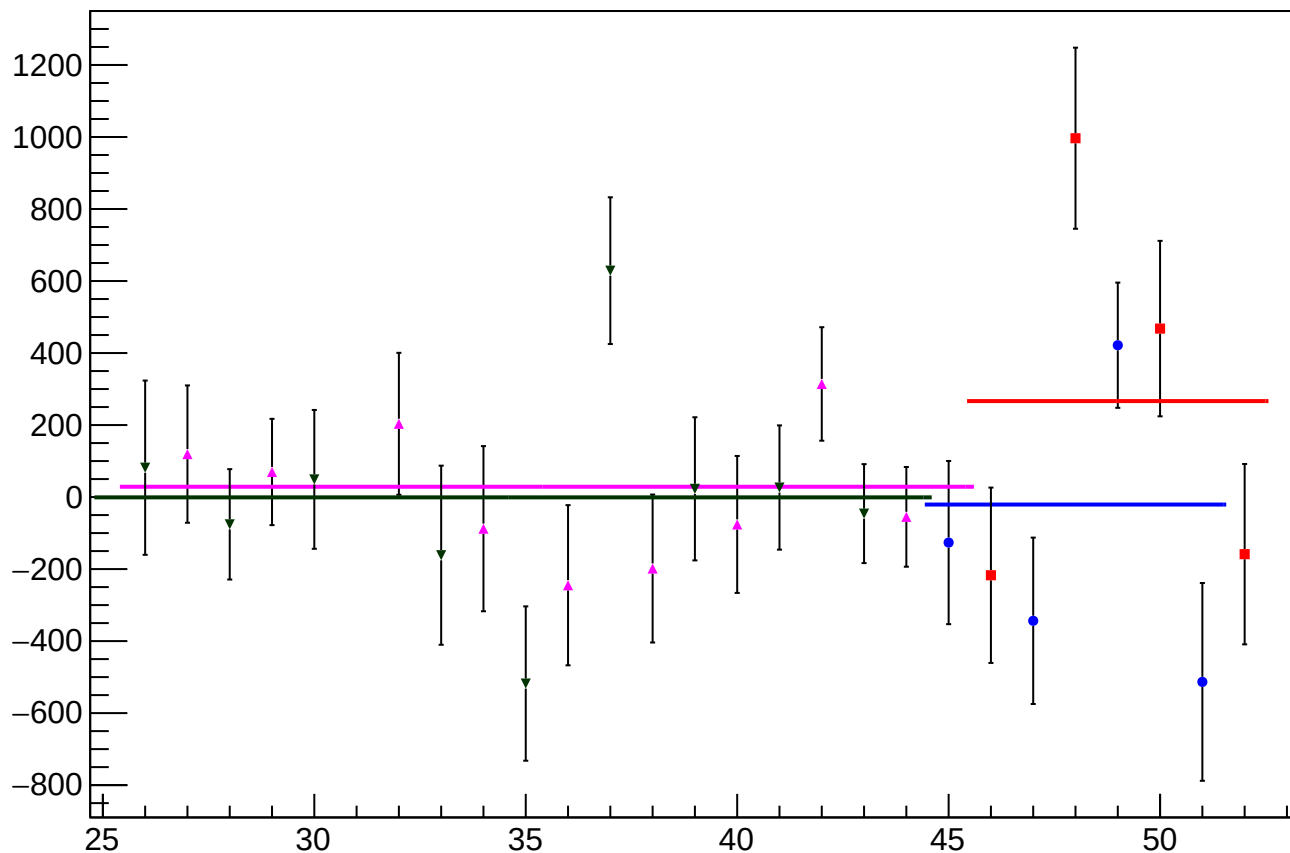
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\chi^2/\text{NDF}: 11.9/3$

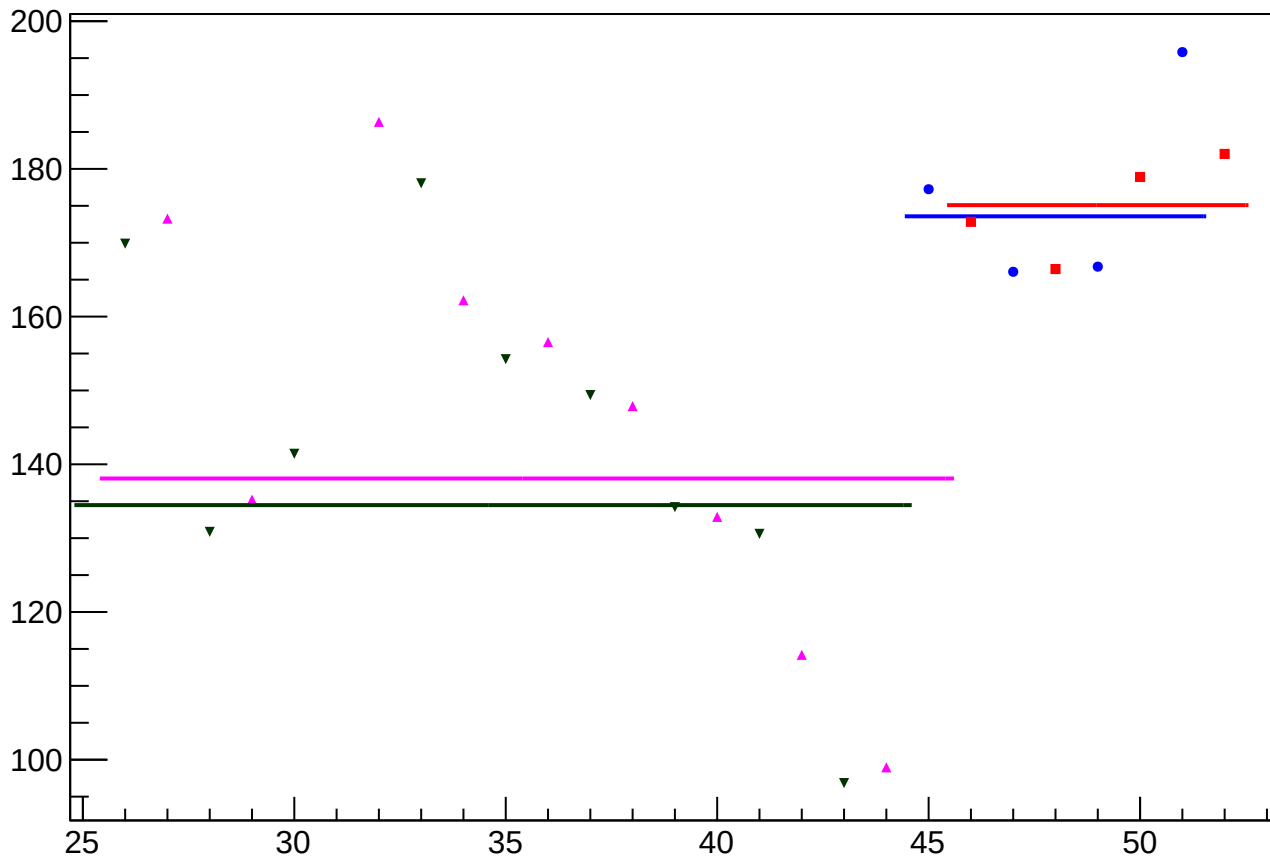
Left Out: -0.841 ± 61.970 $\chi^2/\text{NDF}: 16.4/8$

Right Out: 266.569 ± 123.595 $\chi^2/\text{NDF}: 15.9/3$

Left In: 28.630 ± 59.539 $\chi^2/\text{NDF}: 8.0/8$

34.012 ± 38.001 $\chi^2/\text{NDF}: 56.3/25$

reg_asym_sam_15_avg_rms vs slug



Right In: 173.580+/-0.077 χ^2/NDF : 18819.1/3

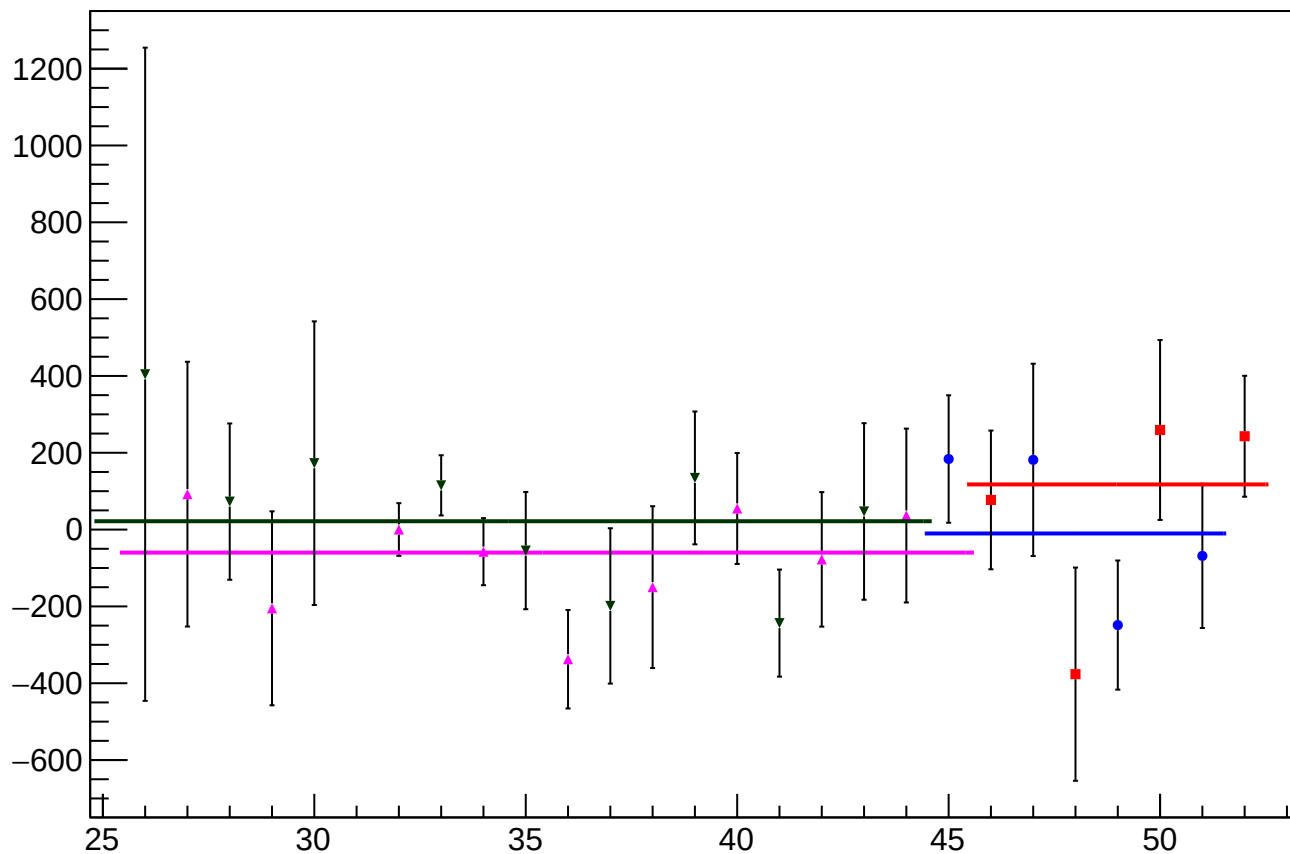
Left Out: 134.474+/-0.044 χ^2/NDF : 286634.1/8

Right Out: 175.091+/-0.087 χ^2/NDF : 4562.2/3

Left In: 138.078+/-0.042 χ^2/NDF : 436286.0/8

144.555+/-0.027 χ^2/NDF : 1087397.3/25

asym_sam_15_avg_correction_mean vs slug



Right In: -10.101 ± 92.836 χ^2/NDF : 4.1/3

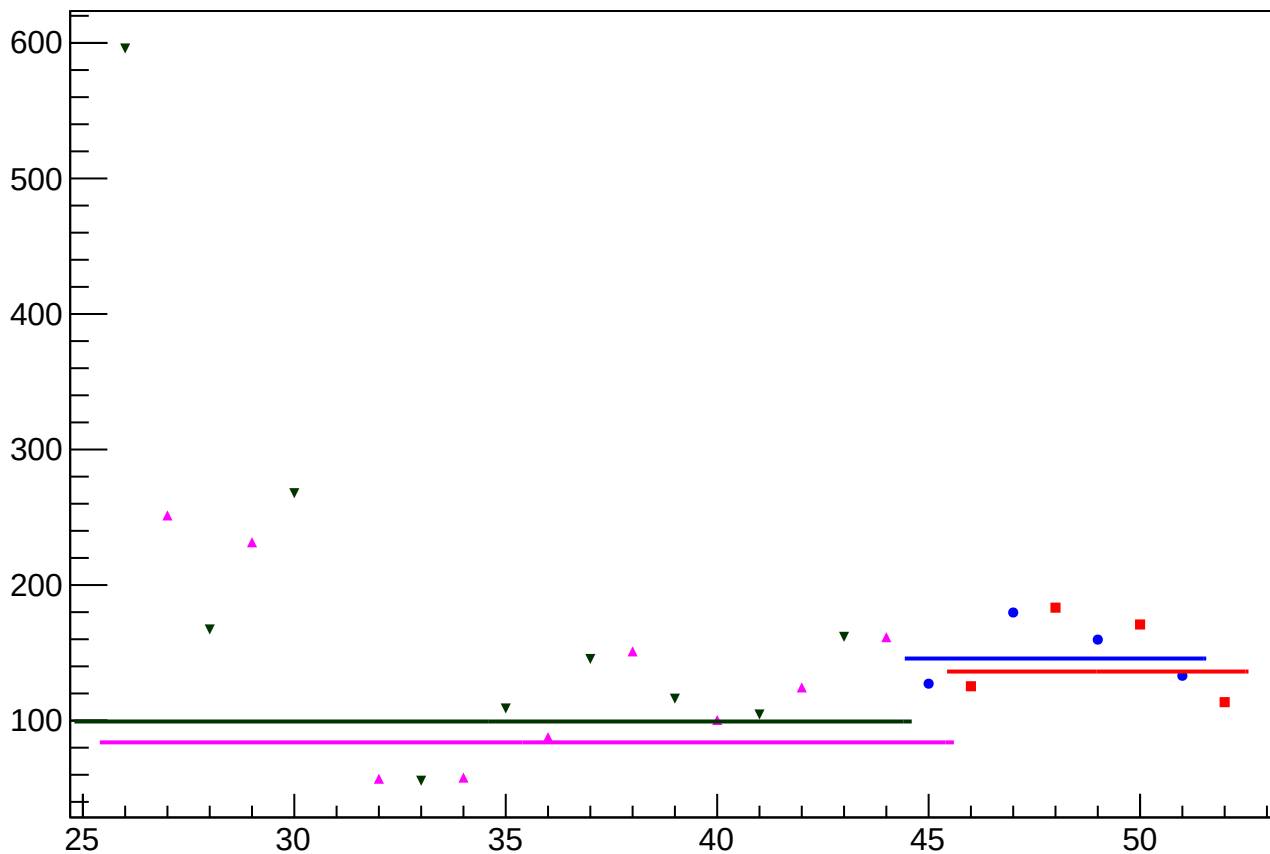
Left Out: 21.743 ± 52.206 χ^2/NDF : 7.4/8

Right Out: 117.563 ± 98.899 χ^2/NDF : 4.2/3

Left In: -59.919 ± 42.598 χ^2/NDF : 7.0/8

-12.493 ± 29.666 χ^2/NDF : 26.0/25

asym_sam_15_avg_correction_rms vs slug



Right In: 145.783+/-0.066 χ^2/NDF : 84793.5/3

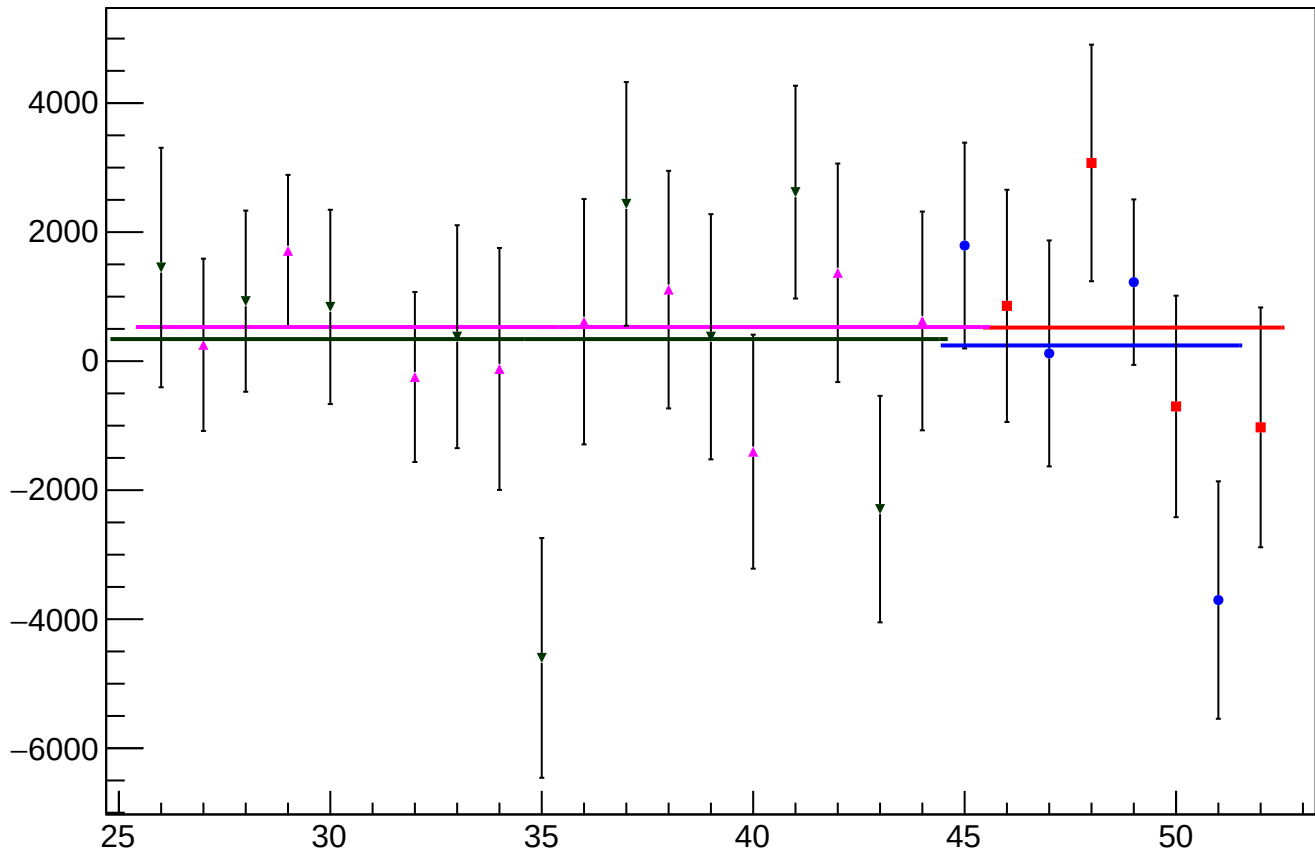
Left Out: 99.318+/-0.037 χ^2/NDF :2224371.1/8

Right Out: 136.181+/-0.070 χ^2/NDF : 150064.9/3

Left In: 83.913+/-0.030 χ^2/NDF :2212587.0/8

99.908+/-0.021 χ^2/NDF : 5711465.1/25

reg_asym_sam_26_avg_mean vs slug



Right In: 243.403 $\pm$ 785.090 χ^2 /NDF: 6.1/3

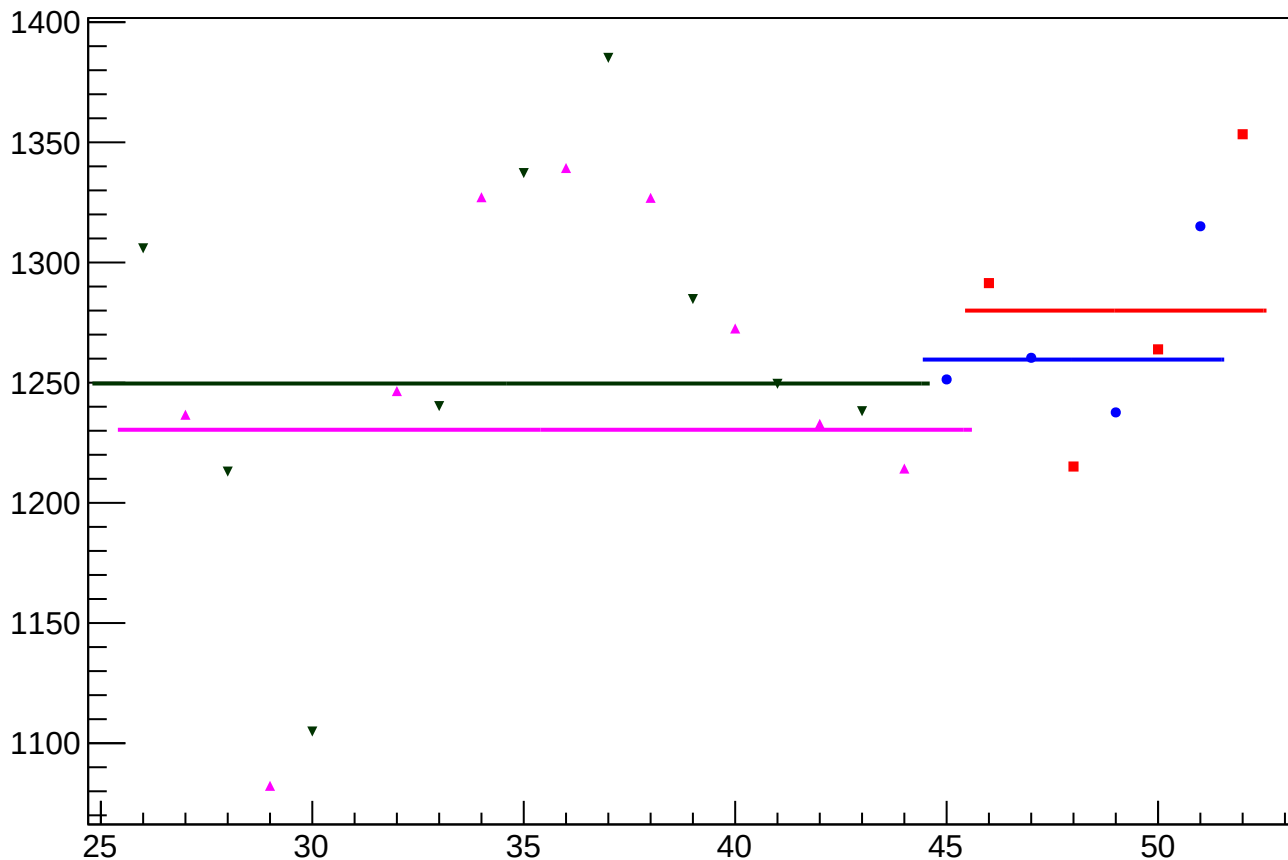
Left Out: 342.094 $\pm$ 566.846 χ^2 /NDF:13.1/8

Right Out: 520.686 $\pm$ 899.834 χ^2 /NDF: 3.2/3

Left In: 528.742 $\pm$ 518.835 χ^2 /NDF:3.0/8

419.931 $\pm$ 321.338 χ^2 /NDF: 25.5/25

reg_asym_sam_26_avg_rms vs slug



Right In: 1259.616 $\pm$ 0.555 χ^2 /NDF: 2457.3/3

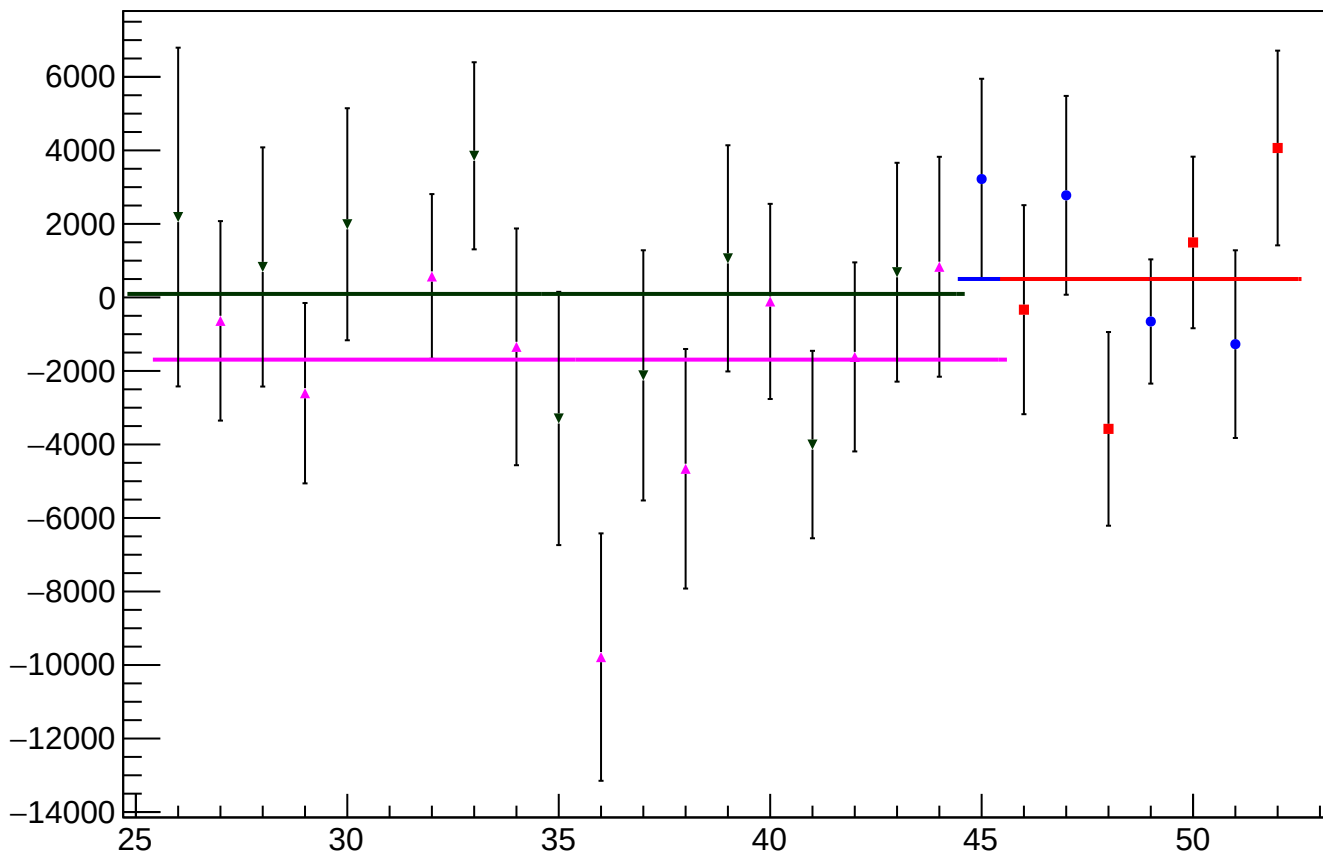
Left Out: 1249.652 $\pm$ 0.401 χ^2 /NDF:37250.0/8

Right Out: 1279.992 $\pm$ 0.636 χ^2 /NDF: 5877.9/3

Left In: 1230.414 $\pm$ 0.367 χ^2 /NDF:50656.3/8

1247.811 $\pm$ 0.227 χ^2 /NDF: 101521.5/25

asym_sam_26_avg_correction_mean vs slug



Right In: 501.737 $\pm$ 1136.048 χ^2/NDF : 2.7/3

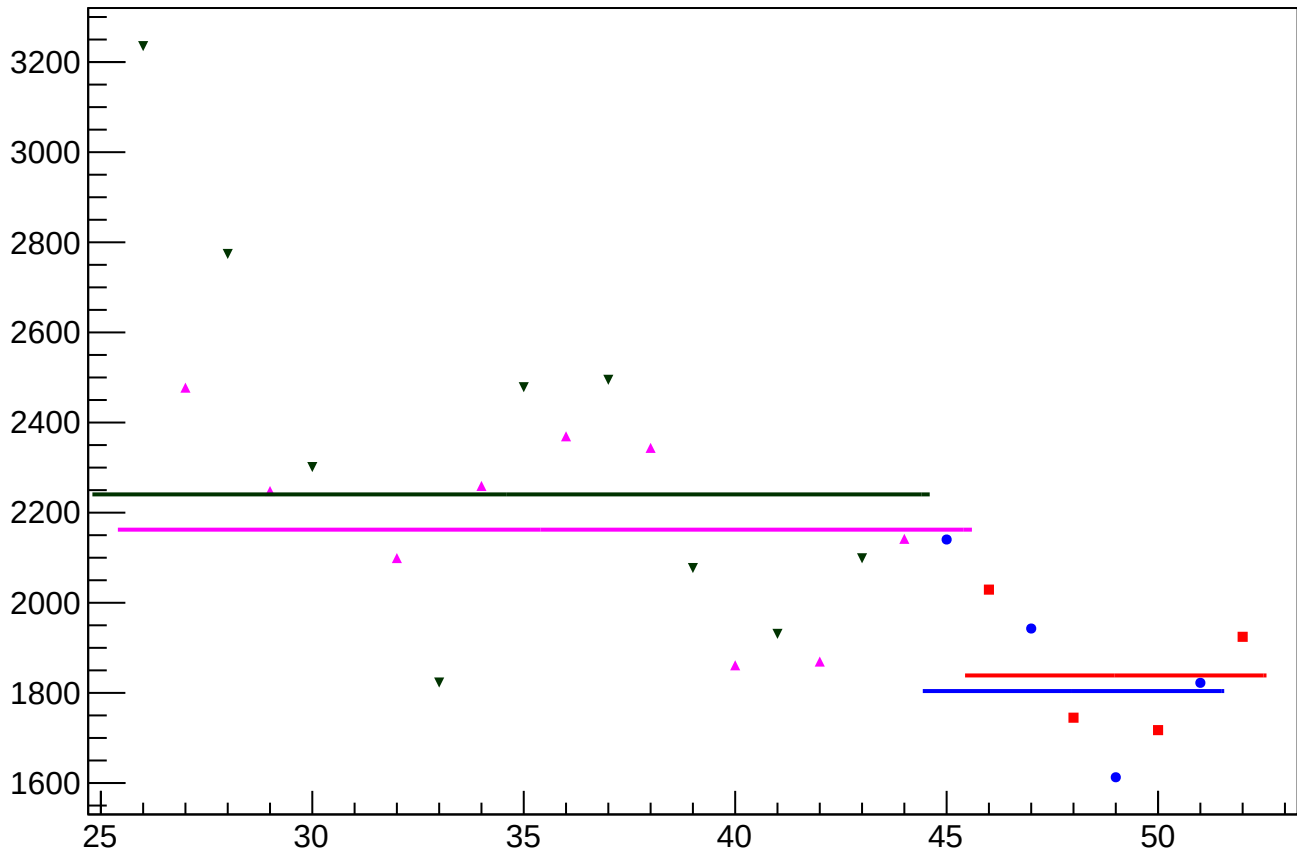
Left Out: 95.135 $\pm$ 1031.834 χ^2/NDF : 6.9/8

Right Out: 501.077 $\pm$ 1297.604 χ^2/NDF : 4.5/3

Left In: -1692.209 $\pm$ 918.693 χ^2/NDF : 9.0/8

-351.946 $\pm$ 535.072 χ^2/NDF : 26.4/25

asym_sam_26_avg_correction_rms vs slug



Right In: 1804.089+/-0.803 χ^2/NDF : 61423.4/3

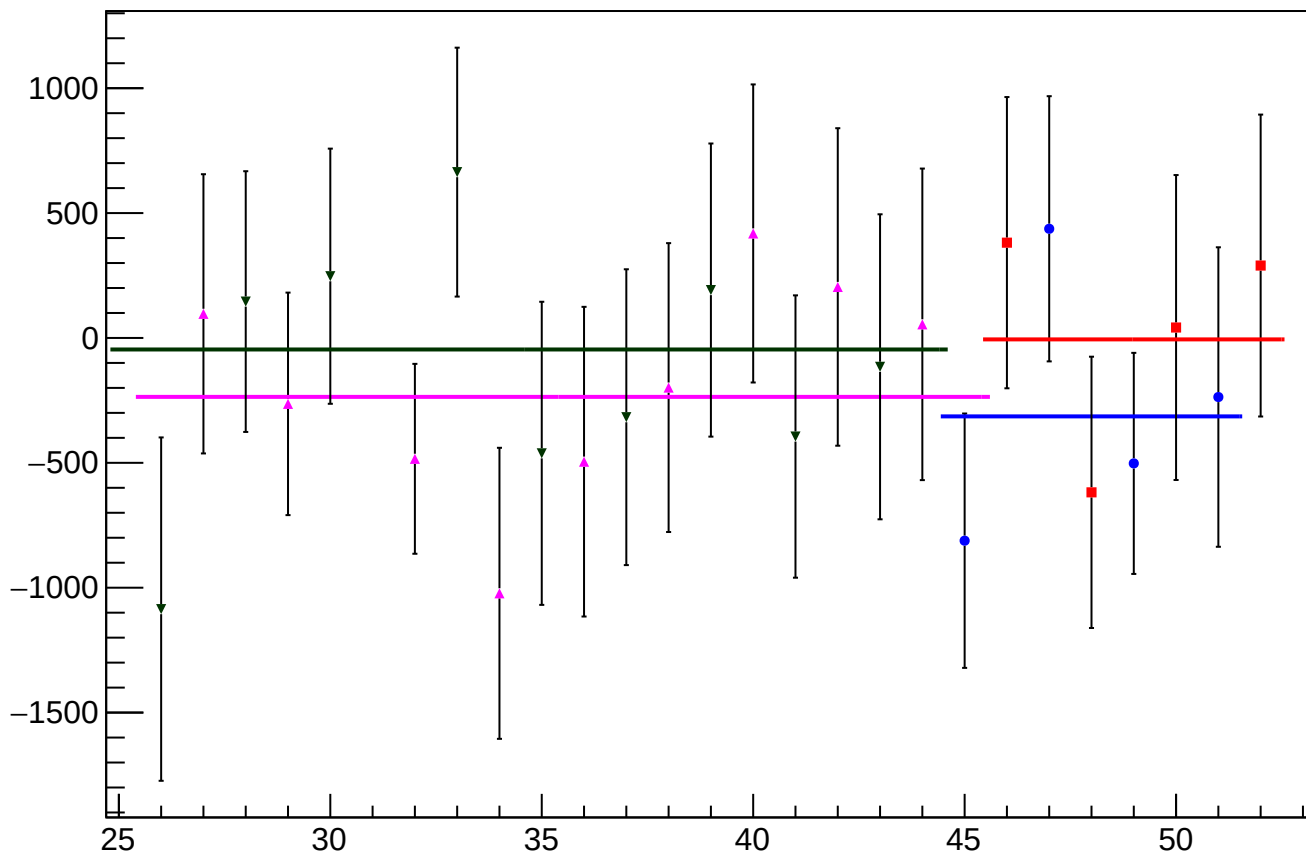
Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

2048.842+/-0.378 χ^2/NDF : 685491.0/25

Right Out: 1838.723+/-0.918 χ^2/NDF : 19010.1/3

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 χ^2/NDF : 3.2/3

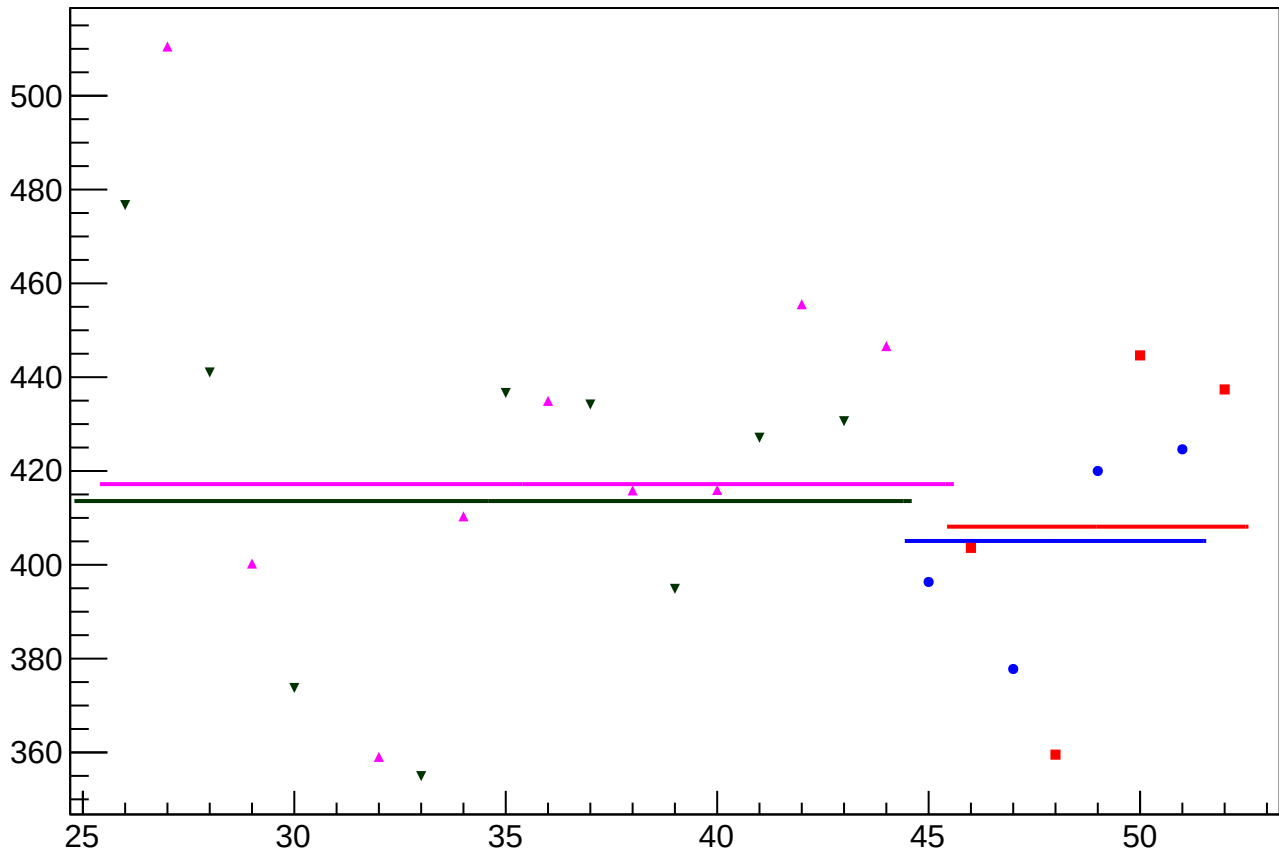
Left Out: -46.161+/-189.227 χ^2/NDF : 6.0/8

Right Out: -5.770+/-291.714 χ^2/NDF : 2.0/3

Left In: -235.930+/-178.034 χ^2/NDF : 4.7/8

-157.219+/-107.509 χ^2/NDF : 17.0/25

reg_asym_sam_37_avg_rms vs slug



Right In: 405.085+/-0.181 χ^2/NDF : 10272.4/3

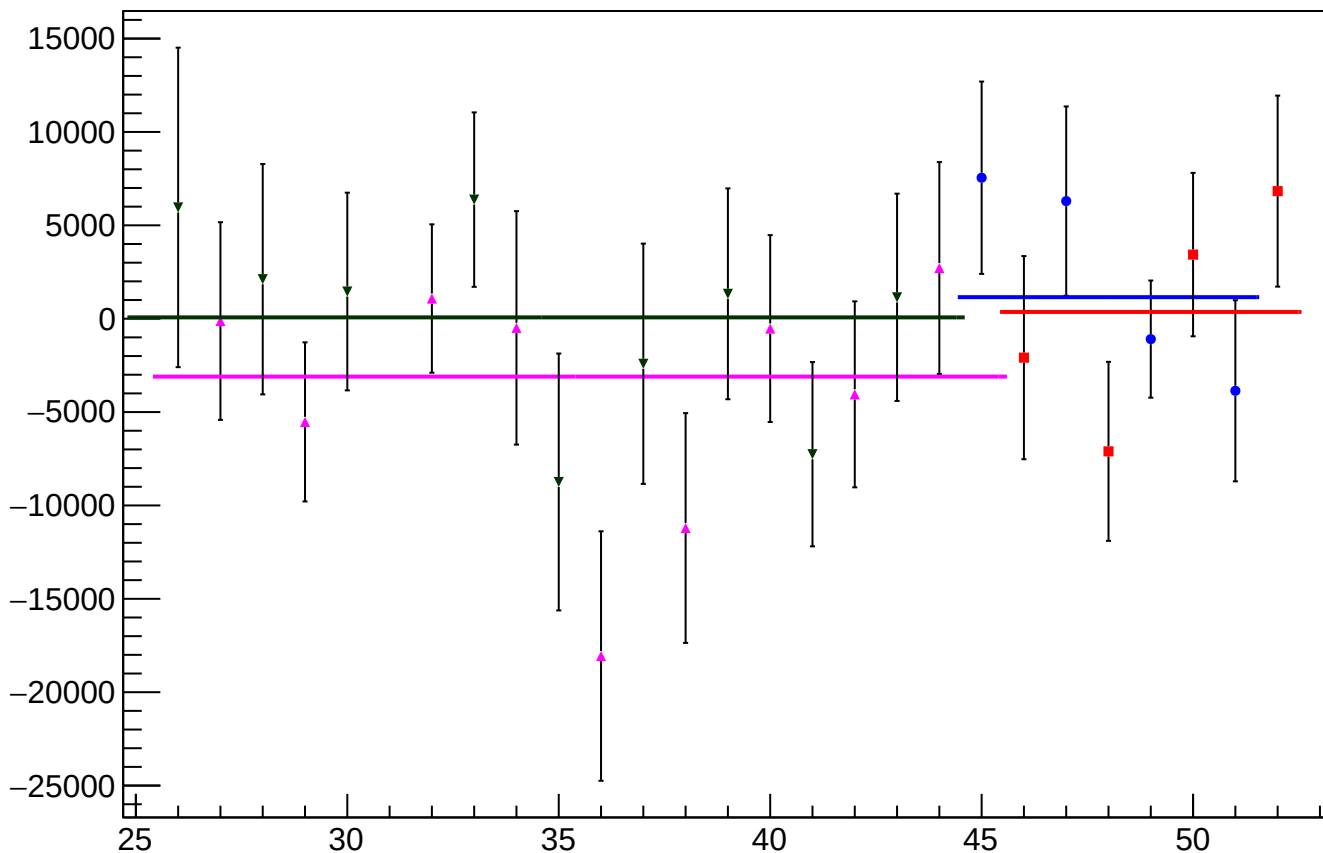
Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

412.663+/-0.076 χ^2/NDF : 233162.2/25

Right Out: 408.133+/-0.206 χ^2/NDF : 27973.2/3

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

asym_sam_37_avg_correction_mean vs slug



Right In: 1153.154+/-2128.045 χ^2/NDF : 4.2/3

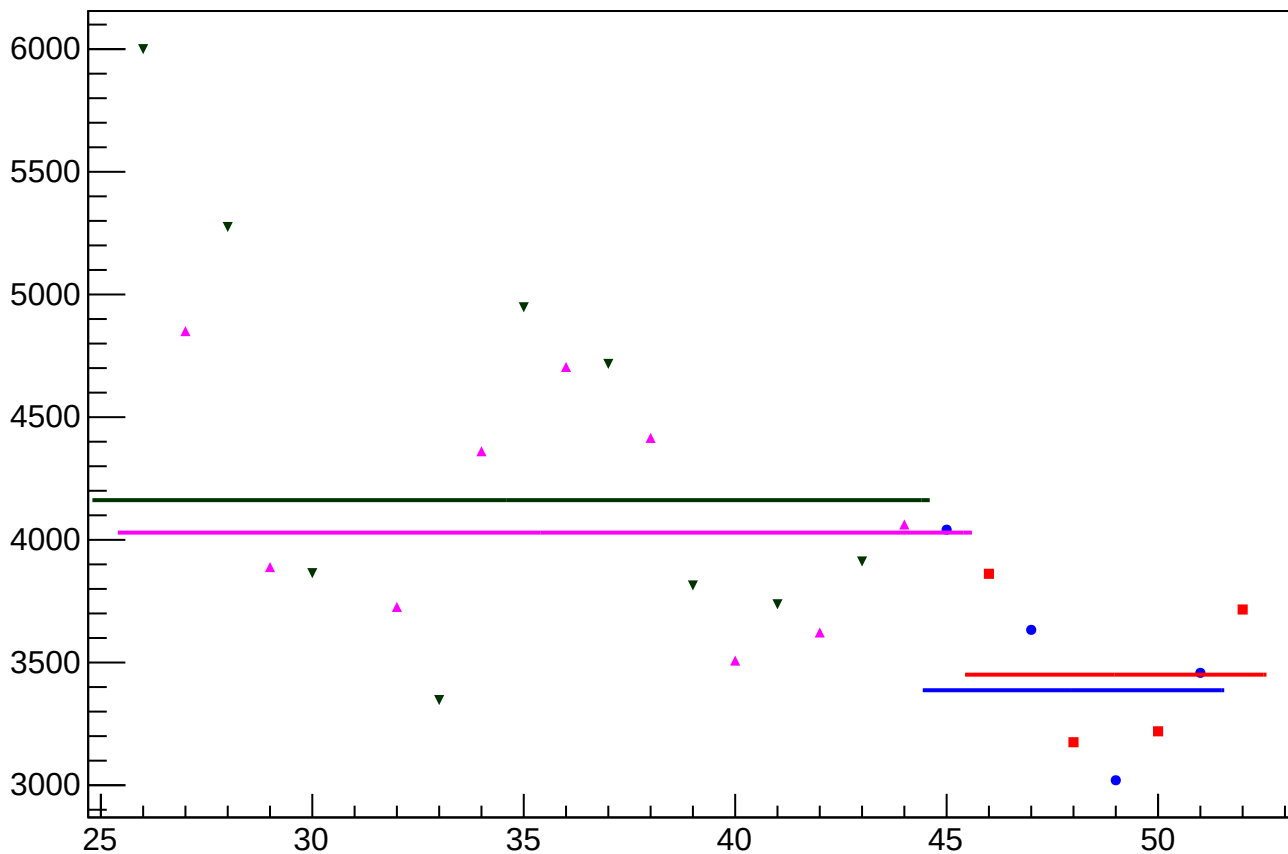
Left Out: 70.645+/-1918.480 χ^2/NDF :6.6/8

-719.141+/-999.898 χ^2/NDF : 28.5/25

Right Out: 362.636+/-2441.343 χ^2/NDF : 4.7/3

Left In: -3100.761+/-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

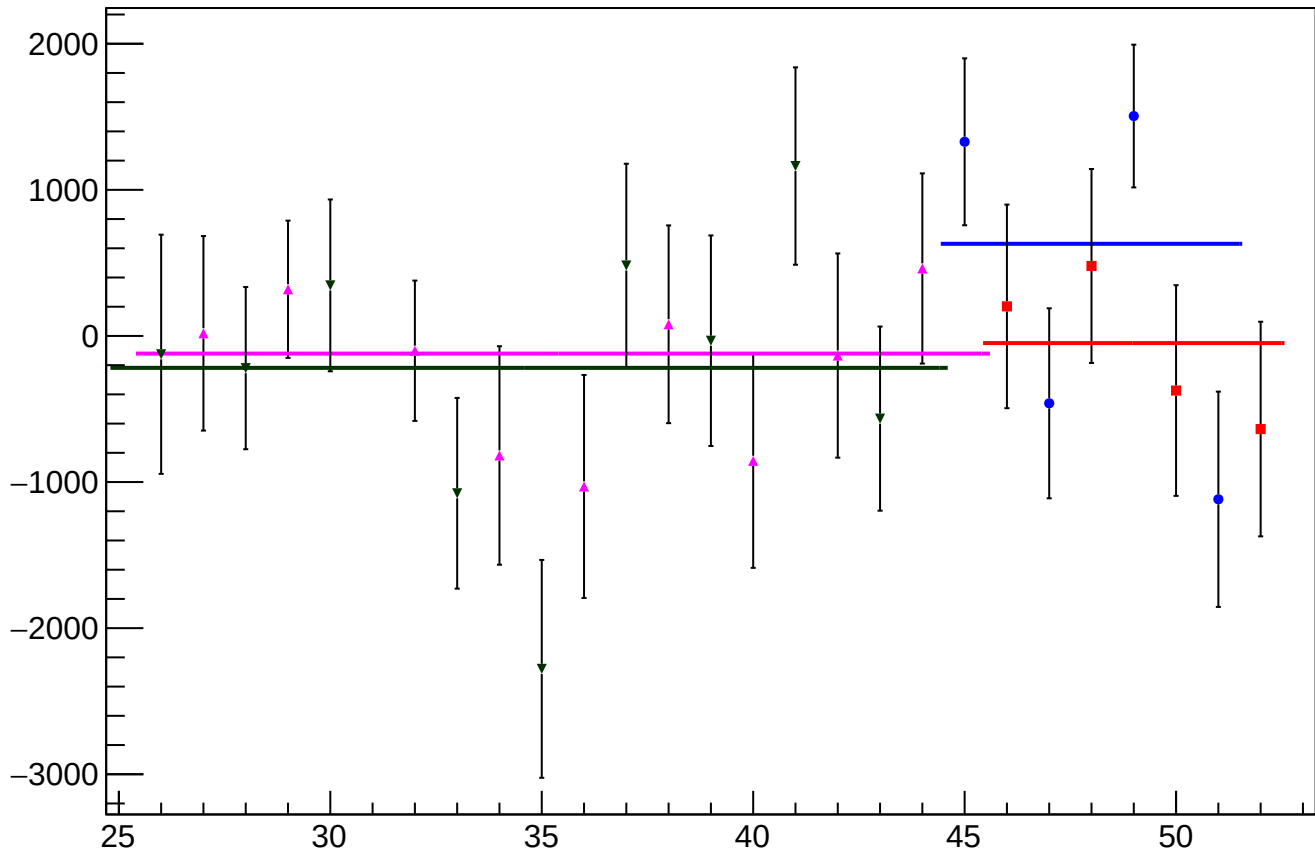
Left Out: 4161.804+/-1.357 χ^2/NDF : 292155.7/8

3826.498+/-0.707 χ^2/NDF : 738813.1/25

Right Out: 3450.615+/-1.726 χ^2/NDF : 28991.4/3

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

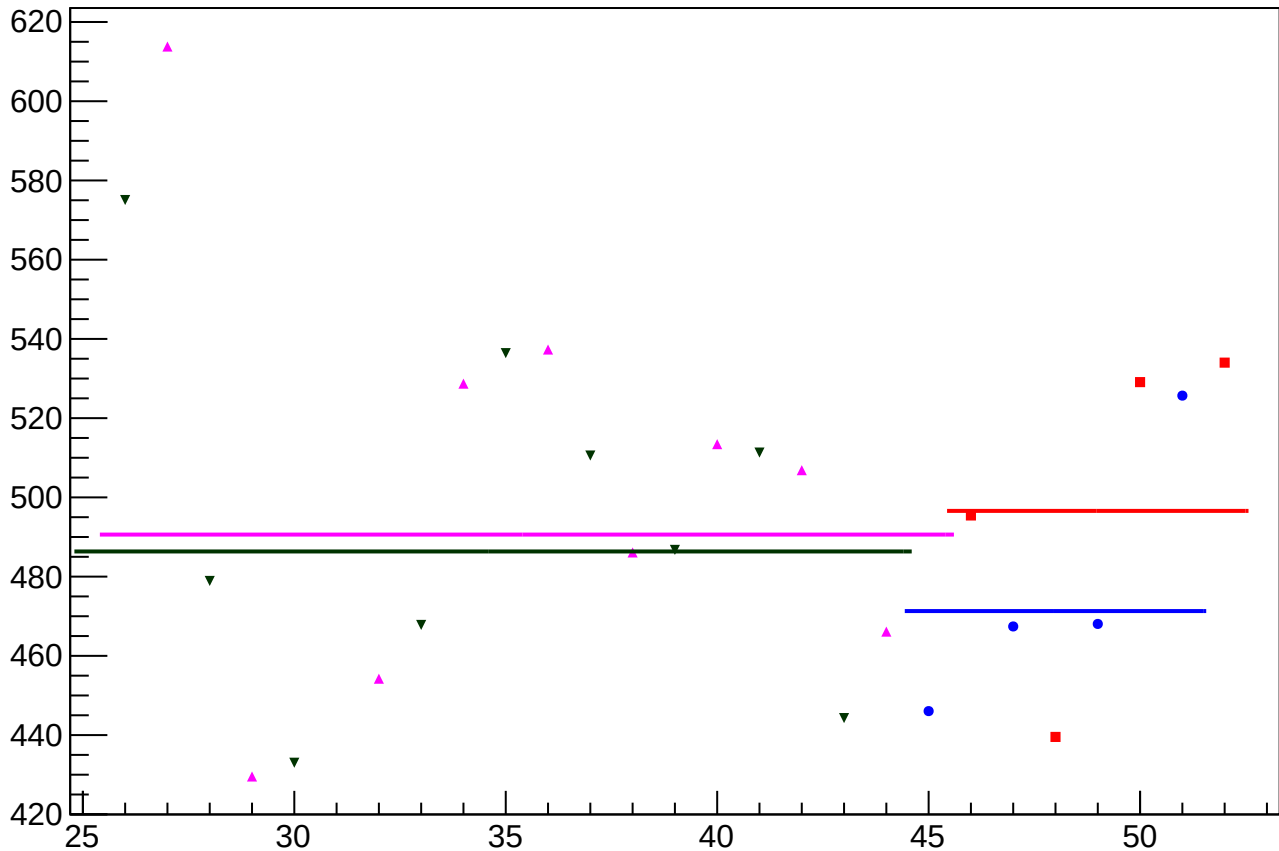
Left Out: -218.435 $\pm$ 220.998 χ^2 /NDF:15.9/8

-6.735 $\pm$ 125.858 χ^2 /NDF: 41.6/25

Right Out: -48.811 $\pm$ 351.208 χ^2 /NDF: 1.6/3

Left In: -120.677 $\pm$ 208.123 χ^2 /NDF:5.1/8

reg_asym_sam_48_avg_rms vs slug



Right In: 471.306+/-0.209 χ^2/NDF : 14963.1/3

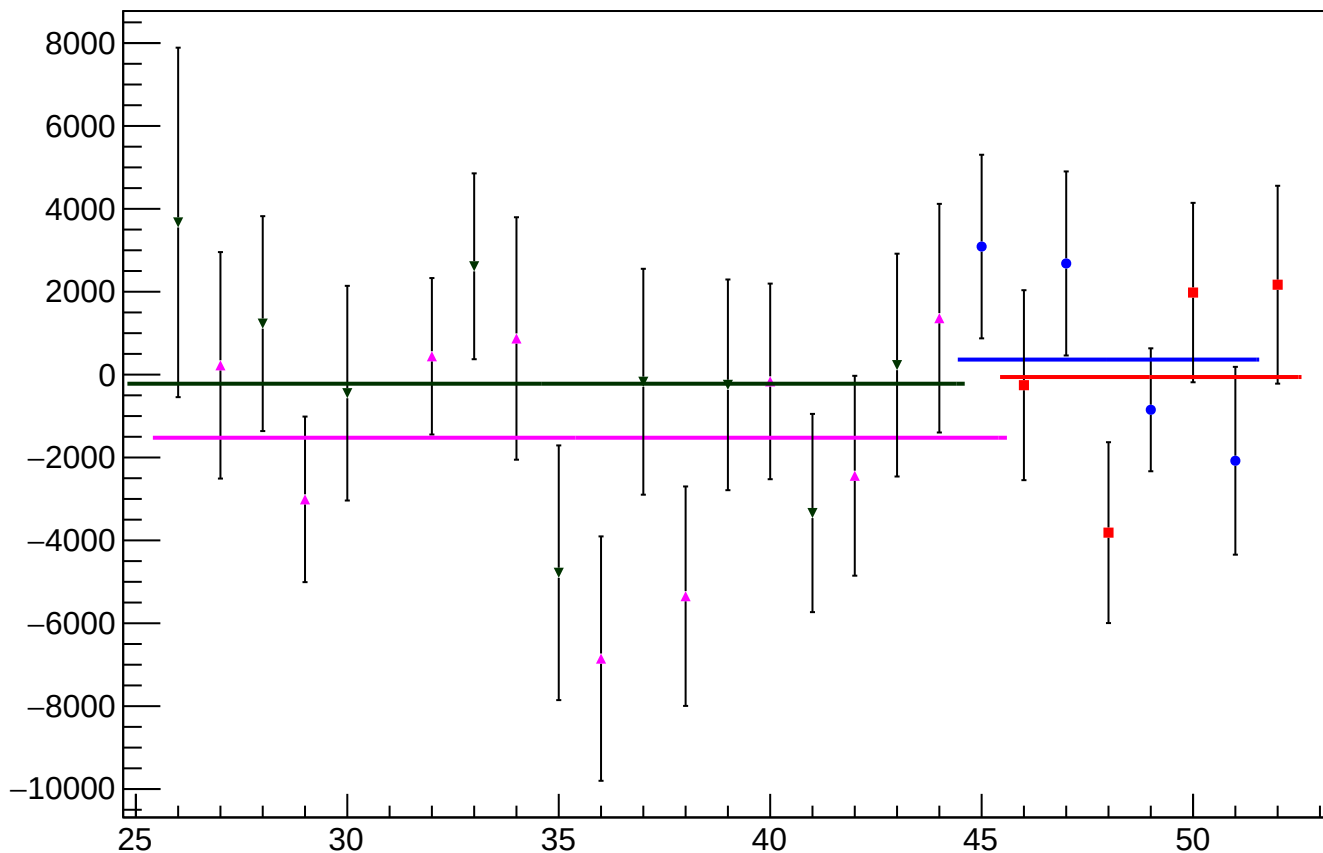
Left Out: 486.351+/-0.156 χ^2/NDF : 64986.4/8

486.492+/-0.089 χ^2/NDF : 244129.5/25

Right Out: 496.591+/-0.248 χ^2/NDF : 24041.4/3

Left In: 490.611+/-0.147 χ^2/NDF : 132414.1/8

asym_sam_48_avg_correction_mean vs slug



Right In: 362.662 $\pm$ 973.166 χ^2/NDF : 4.4/3

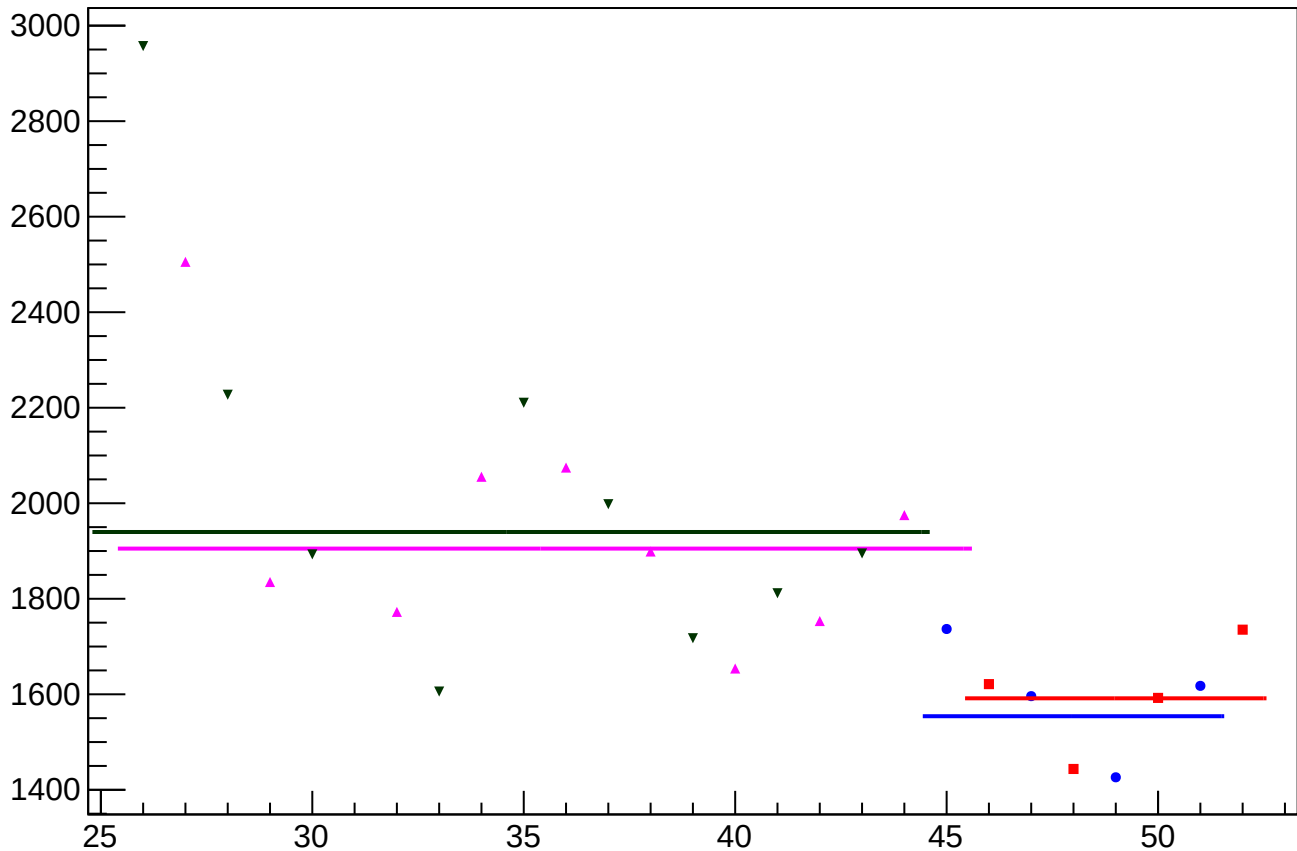
Left Out: -219.615 $\pm$ 890.368 χ^2/NDF : 6.7/8

Right Out: -58.225 $\pm$ 1125.577 χ^2/NDF : 4.7/3

Left In: -1523.165 $\pm$ 810.399 χ^2/NDF : 9.6/8

-488.044 $\pm$ 464.774 χ^2/NDF : 28.1/25

asym_sam_48_avg_correction_rms vs slug



Right In: 1554.104 ± 0.688 χ^2/NDF : 30753.6/3

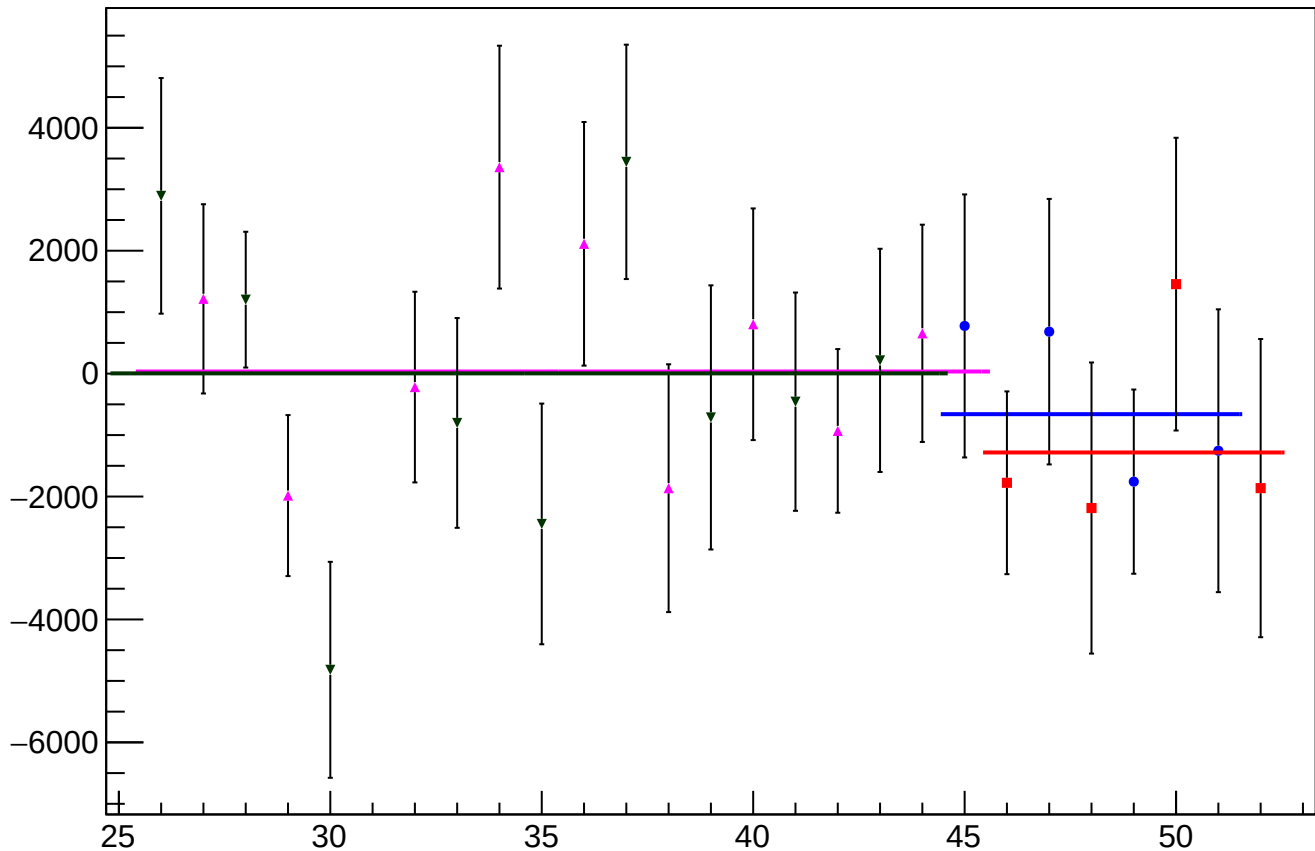
Left Out: 1939.826 ± 0.630 χ^2/NDF : 224098.1/8

Right Out: 1591.589 ± 0.796 χ^2/NDF : 16776.0/3

Left In: 1905.071 ± 0.573 χ^2/NDF : 152641.8/8

1781.039 ± 0.329 χ^2/NDF : 700144.7/25

asym_sam_15_dd_mean vs slug



Right In: -659.749 ± 968.214 $\chi^2/\text{NDF}: 1.4/3$

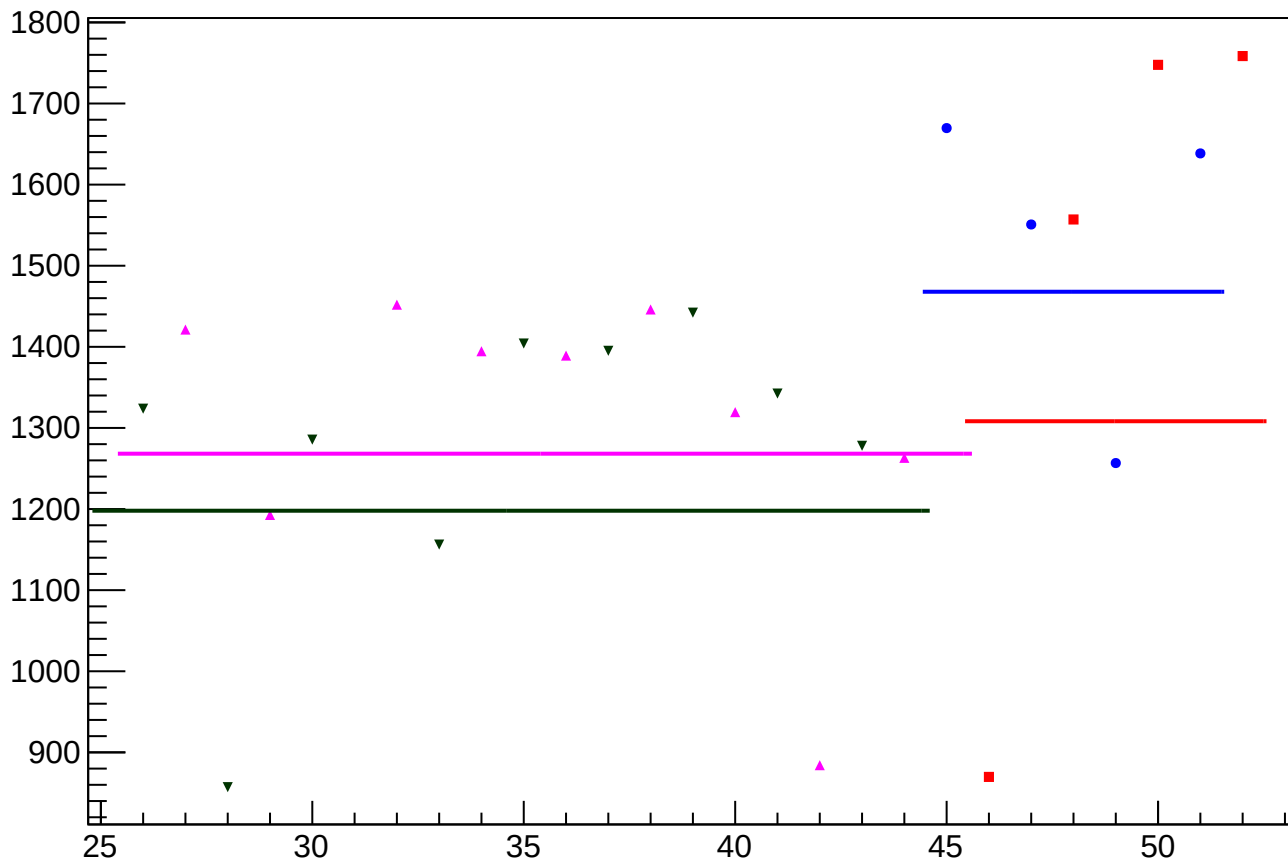
Left Out: 4.096 ± 565.128 $\chi^2/\text{NDF}: 16.2/8$

-214.658 ± 342.658 $\chi^2/\text{NDF}: 29.6/25$

Right Out: -1282.917 ± 1011.858 $\chi^2/\text{NDF}: 1.6/3$

Left In: 34.637 ± 546.991 $\chi^2/\text{NDF}: 8.6/8$

asym_sam_15_dd_rms vs slug



Right In: 1467.912+/-0.685 χ^2/NDF : 71435.1/3

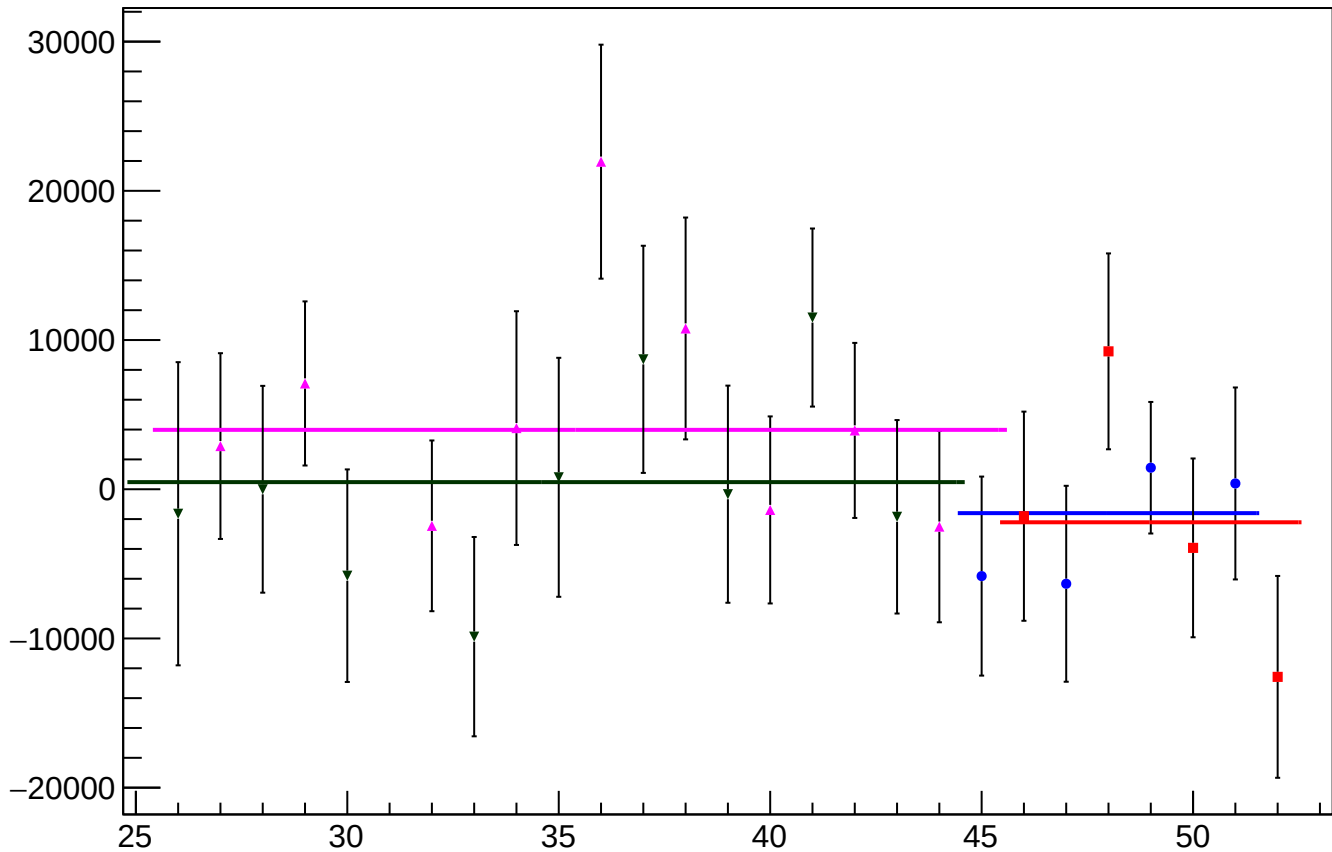
Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

Right Out: 1308.264+/-0.715 χ^2/NDF : 332947.0/3

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

1271.991+/-0.242 χ^2/NDF : 1068406.3/25

asym_sam_26_dd_mean vs slug



Right In: -1601.091+/-2871.248 χ^2/NDF : 1.5/3

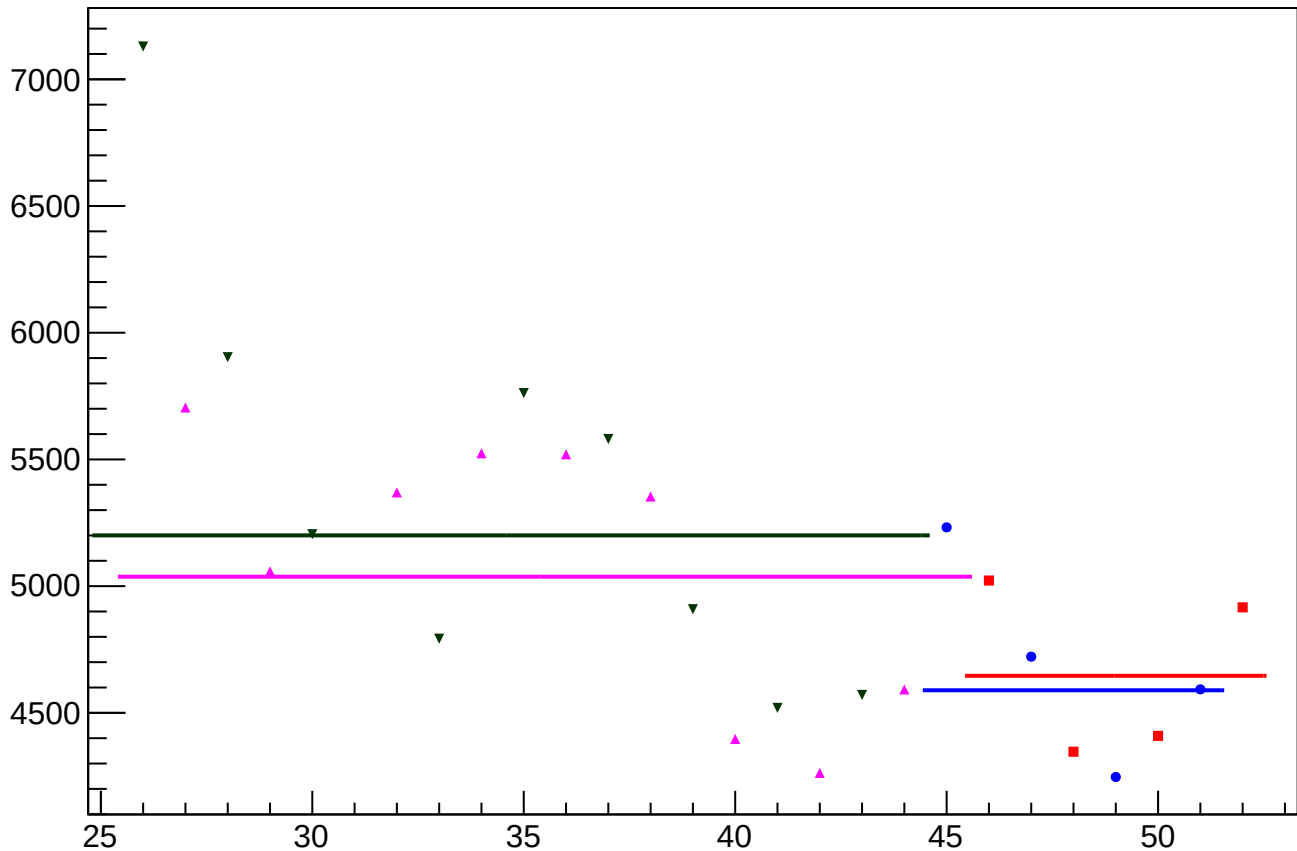
Left Out: 477.708+/-2382.052 χ^2/NDF : 8.0/8

910.039+/-1280.655 χ^2/NDF : 28.2/25

Right Out: -2214.243+/-3274.231 χ^2/NDF : 5.5/3

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

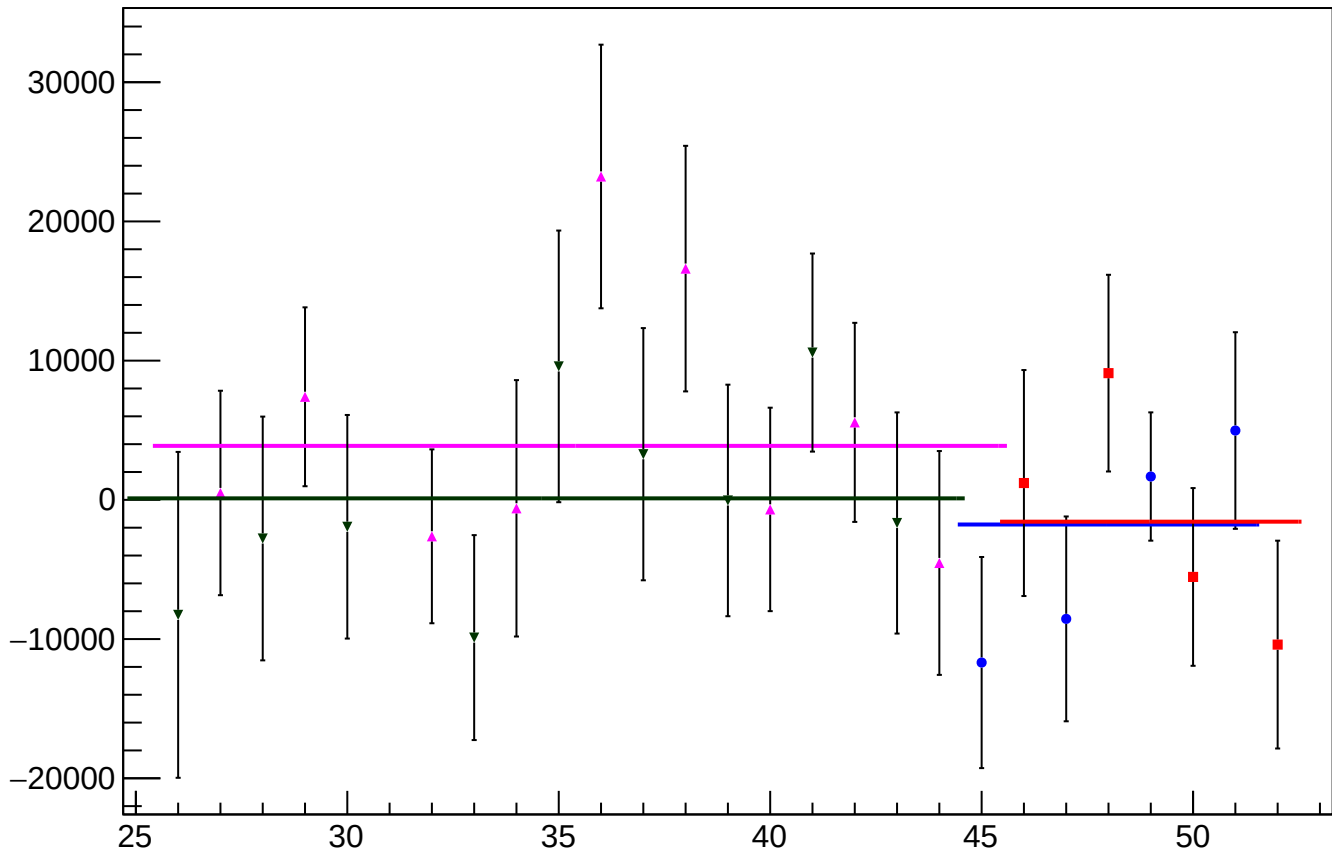
Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

4935.446+/-0.906 χ^2/NDF : 398854.2/25

Right Out: 4646.264+/-2.315 χ^2/NDF : 16240.5/3

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -1770.766 ± 3115.434 $\chi^2/\text{NDF}: 4.0/3$

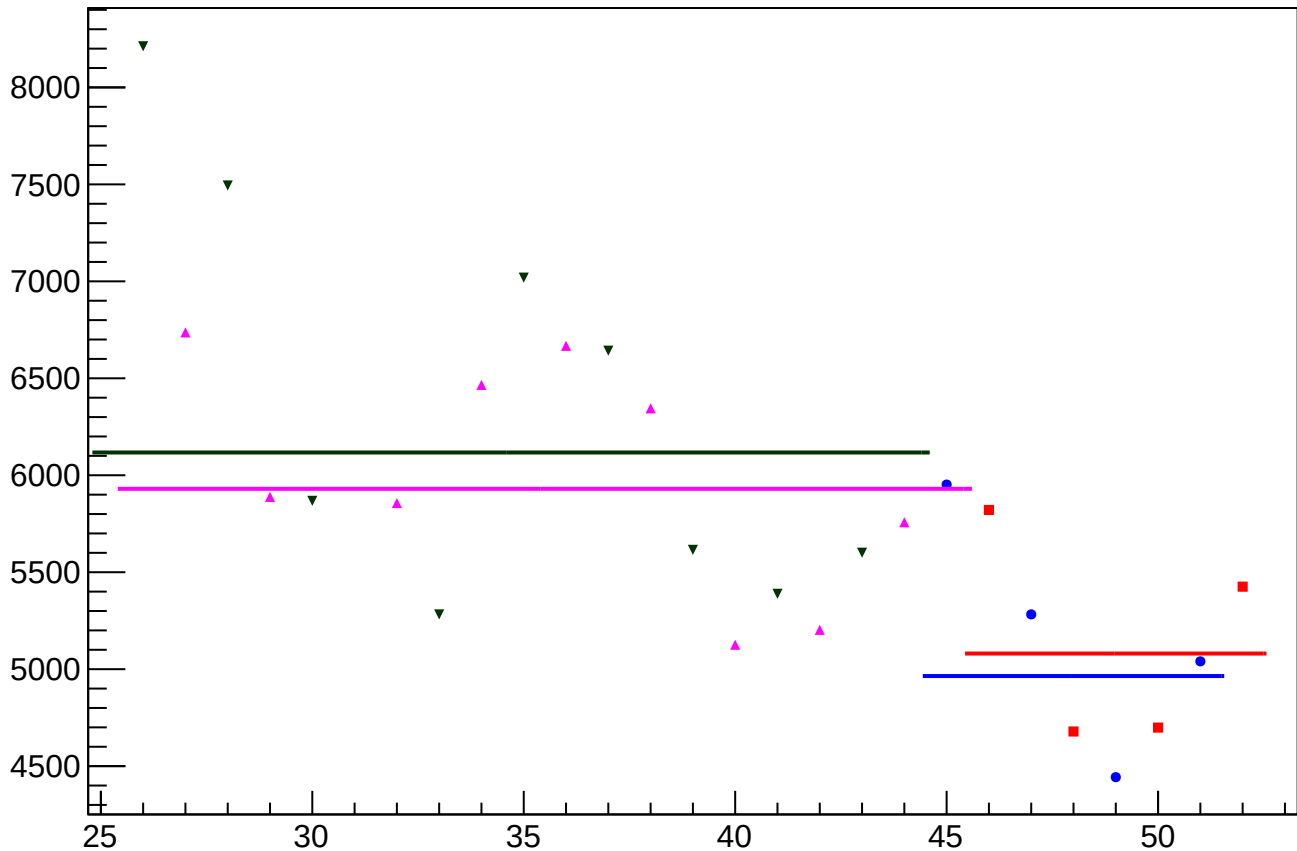
Left Out: 107.633 ± 2805.368 $\chi^2/\text{NDF}: 5.8/8$

691.568 ± 1465.259 $\chi^2/\text{NDF}: 26.3/25$

Right Out: -1567.167 ± 3587.462 $\chi^2/\text{NDF}: 4.2/3$

Left In: 3878.107 ± 2515.966 $\chi^2/\text{NDF}: 9.6/8$

asym_sam_37_dd_rms vs slug



Right In: 4964.647 ± 2.203 $\chi^2/\text{NDF}: 63494.9/3$

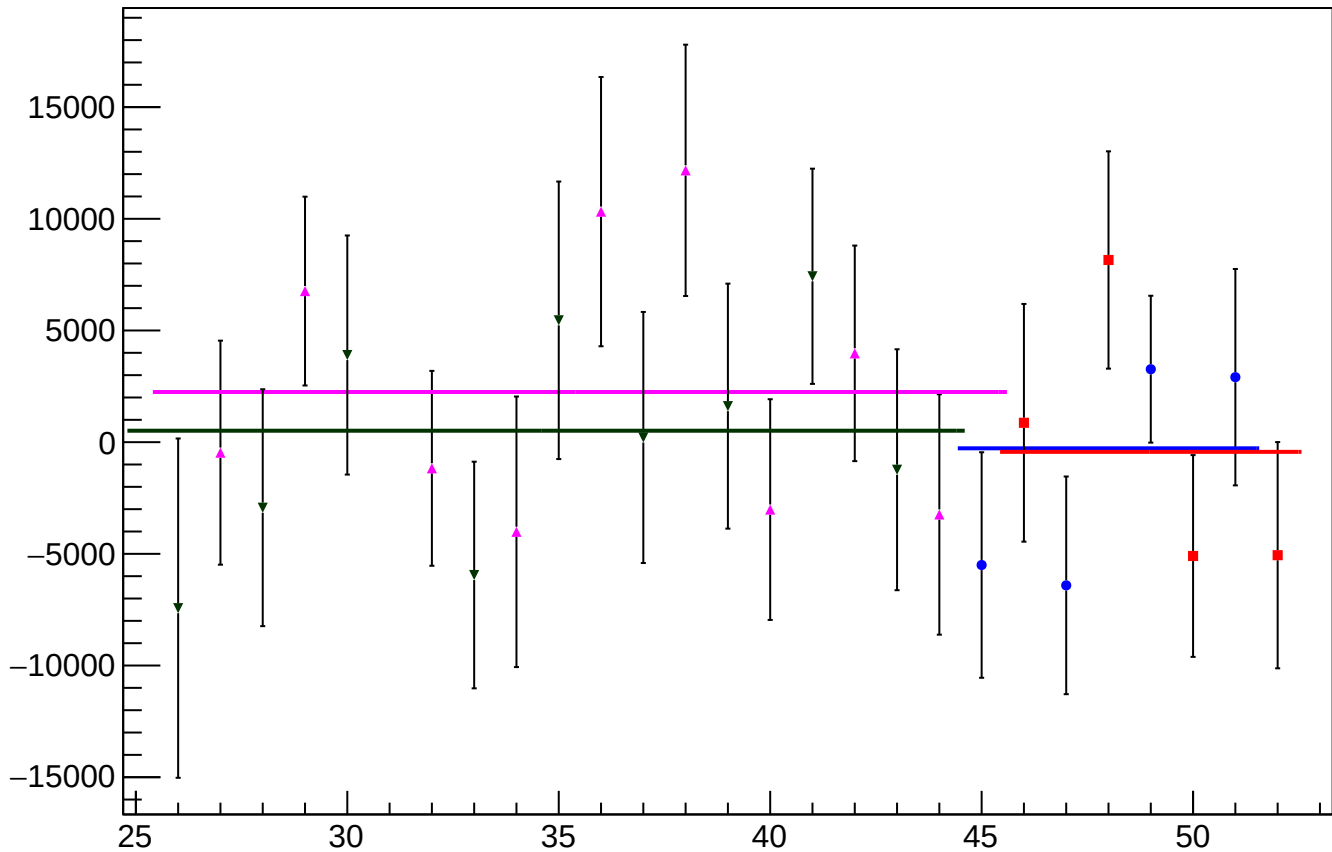
Left Out: 6117.416 ± 1.984 $\chi^2/\text{NDF}: 201712.5/8$

5625.931 ± 1.036 $\chi^2/\text{NDF}: 620317.5/25$

Right Out: 5080.689 ± 2.537 $\chi^2/\text{NDF}: 34544.1/3$

Left In: 5930.079 ± 1.779 $\chi^2/\text{NDF}: 93643.9/8$

asym_sam_48_dd_mean vs slug



Right In: -275.361+/-2149.283 χ^2/NDF : 4.2/3

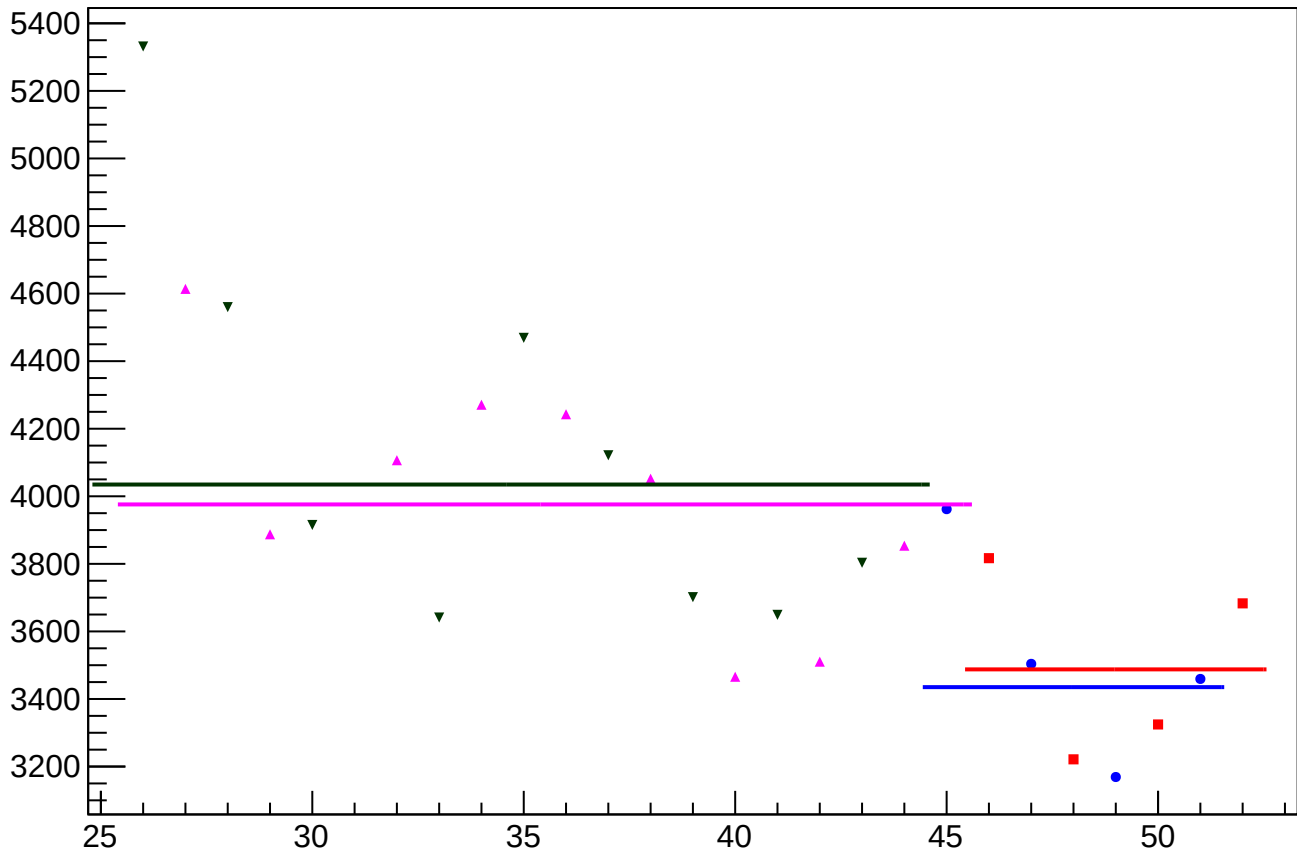
Left Out: 512.467+/-1841.360 χ^2/NDF : 6.4/8

788.973+/-985.281 χ^2/NDF : 27.3/25

Right Out: -433.576+/-2457.508 χ^2/NDF : 5.1/3

Left In: 2245.703+/-1682.849 χ^2/NDF : 10.3/8

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

3800.621+/-0.697 χ^2/NDF : 409023.8/25

Right Out: 3487.625+/-1.738 χ^2/NDF : 19229.7/3

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+/-0.000 χ^2 /NDF: 0.0/0

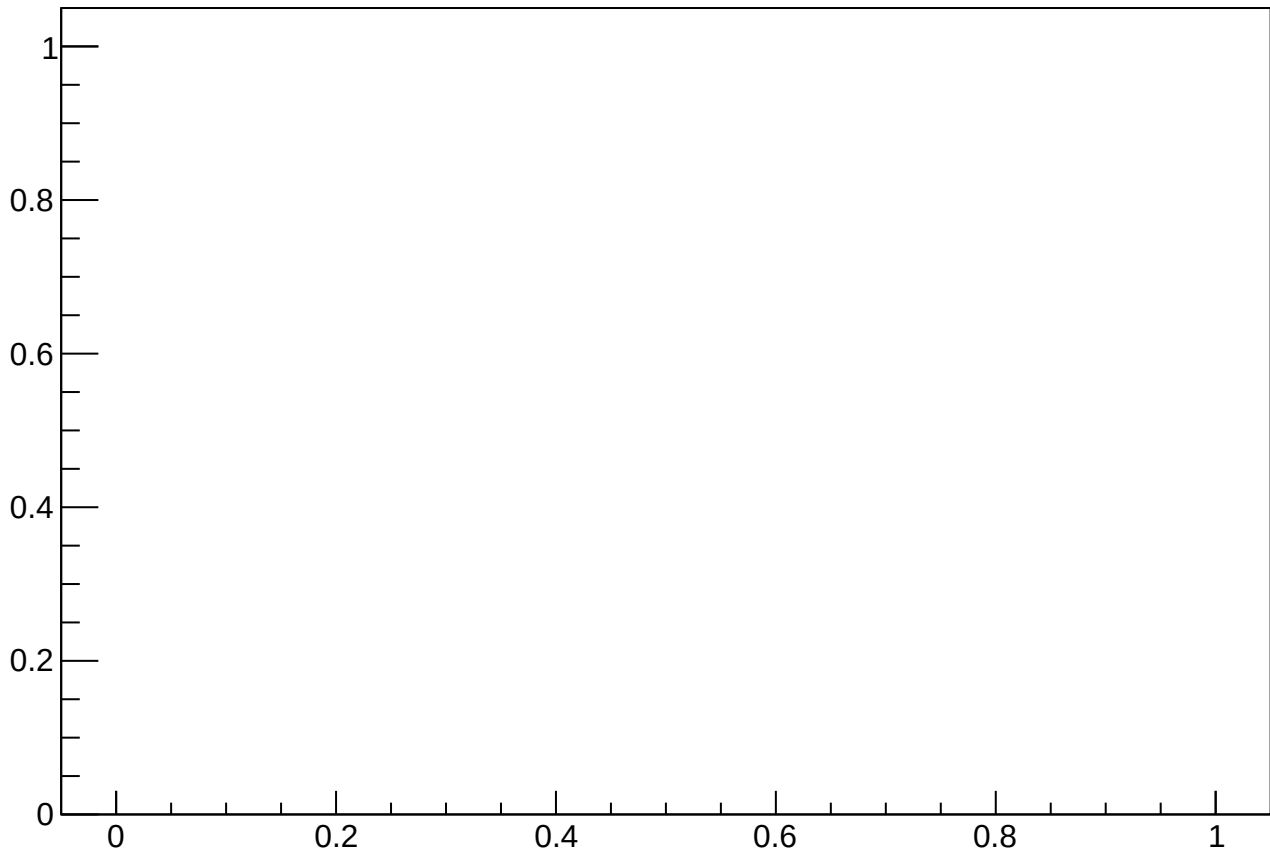
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

yield_sam_26_dd_mean vs slug



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

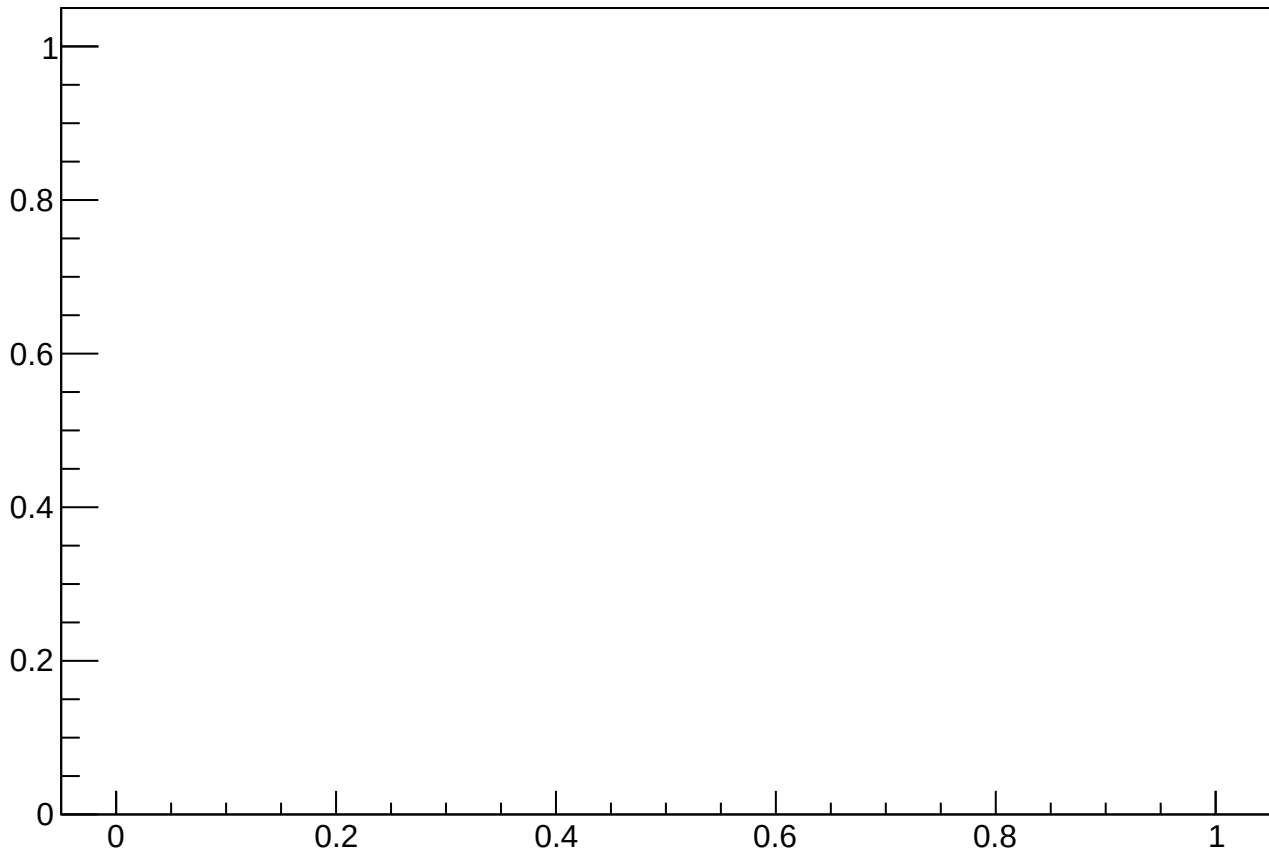
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

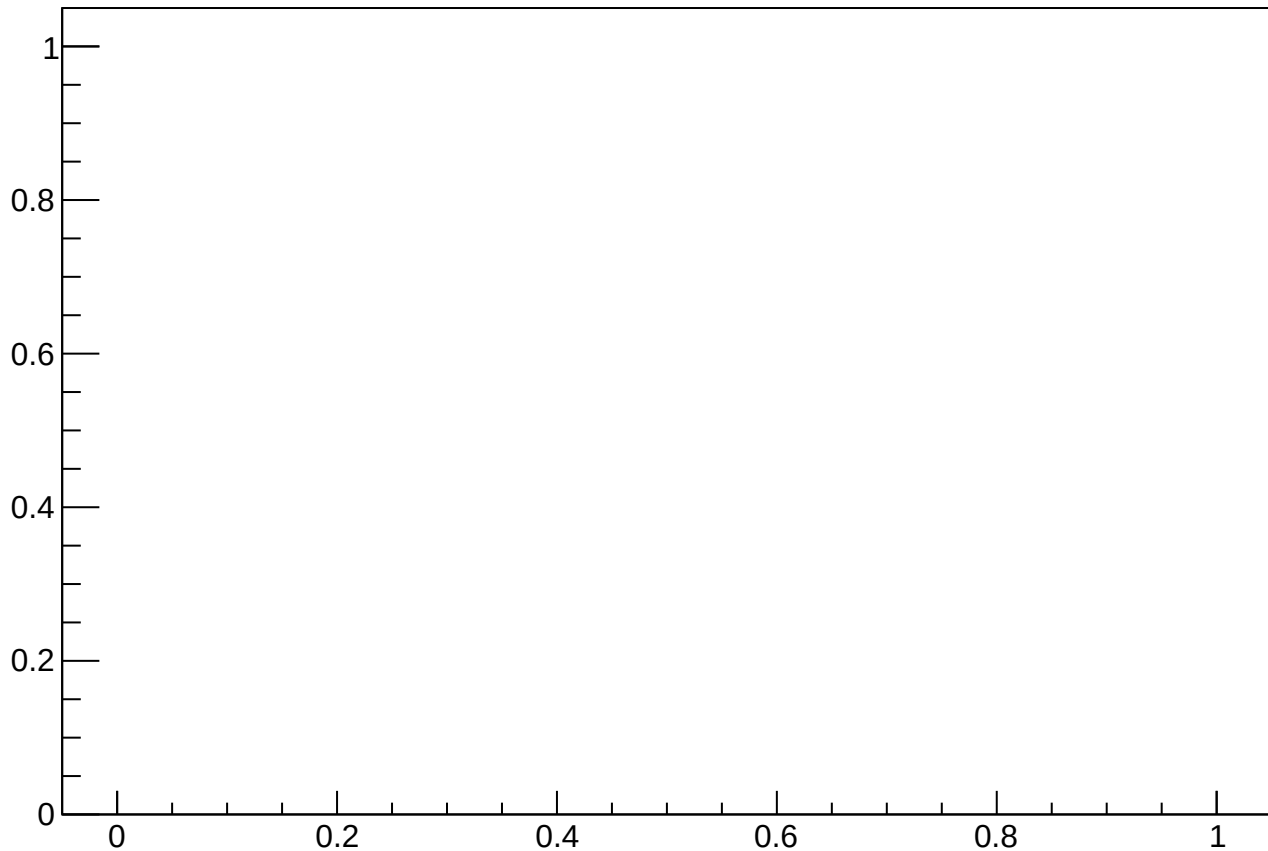
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_sam_37_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_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

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

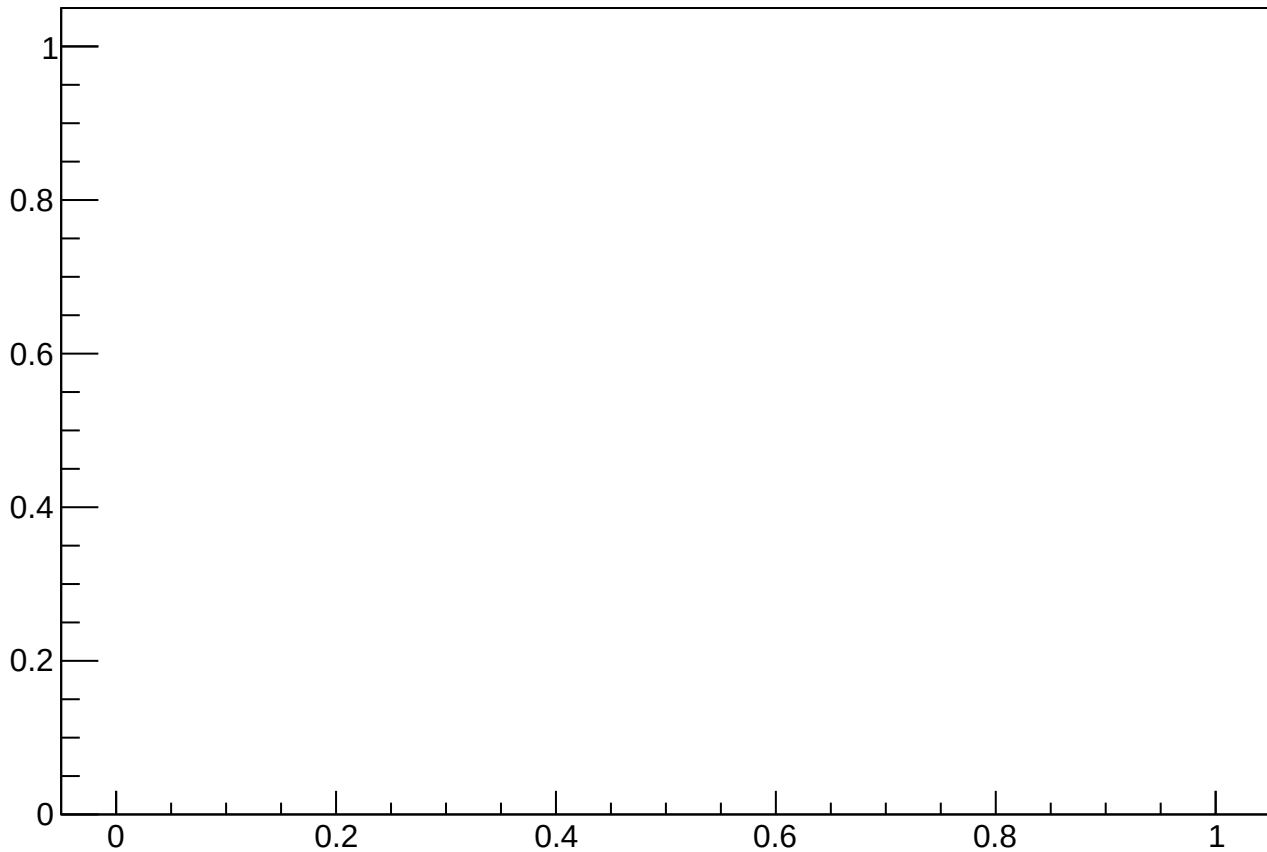
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

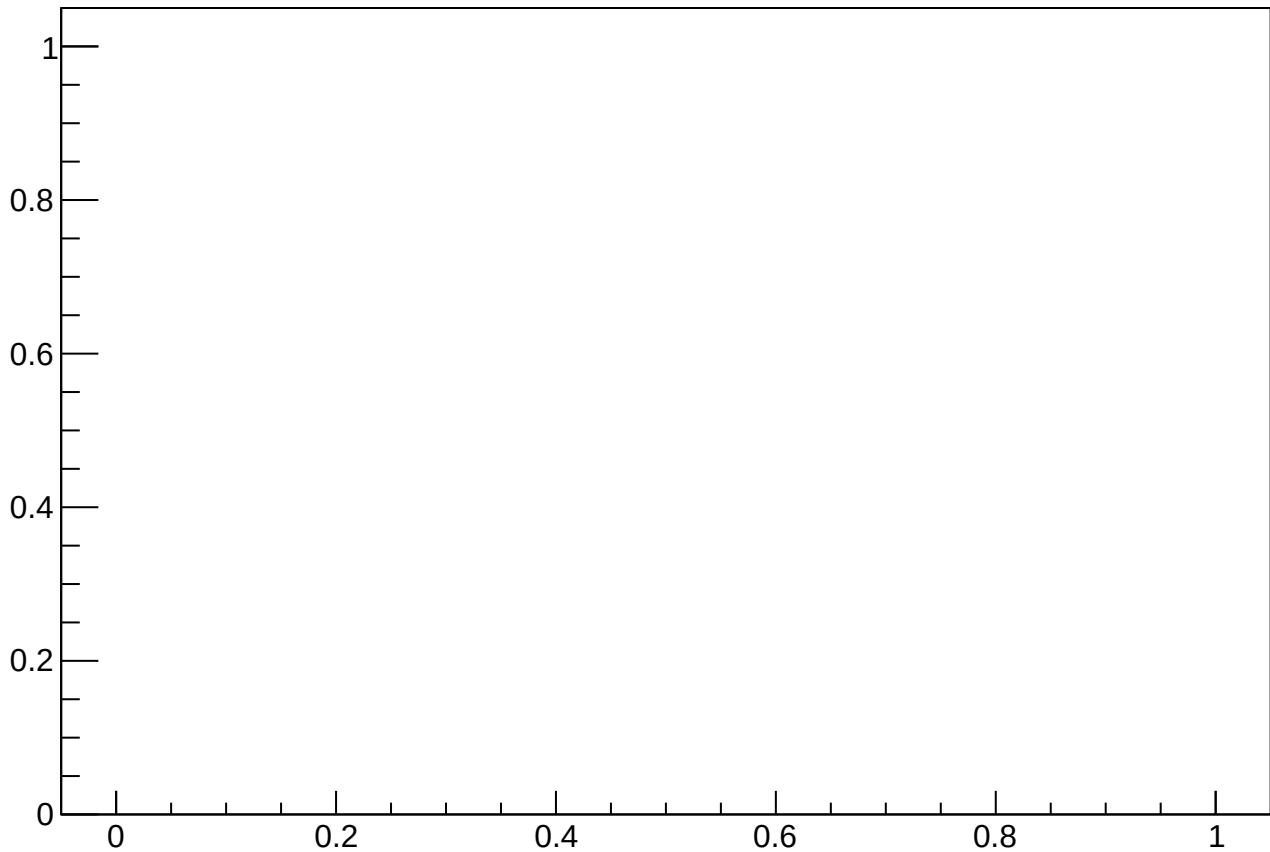
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_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

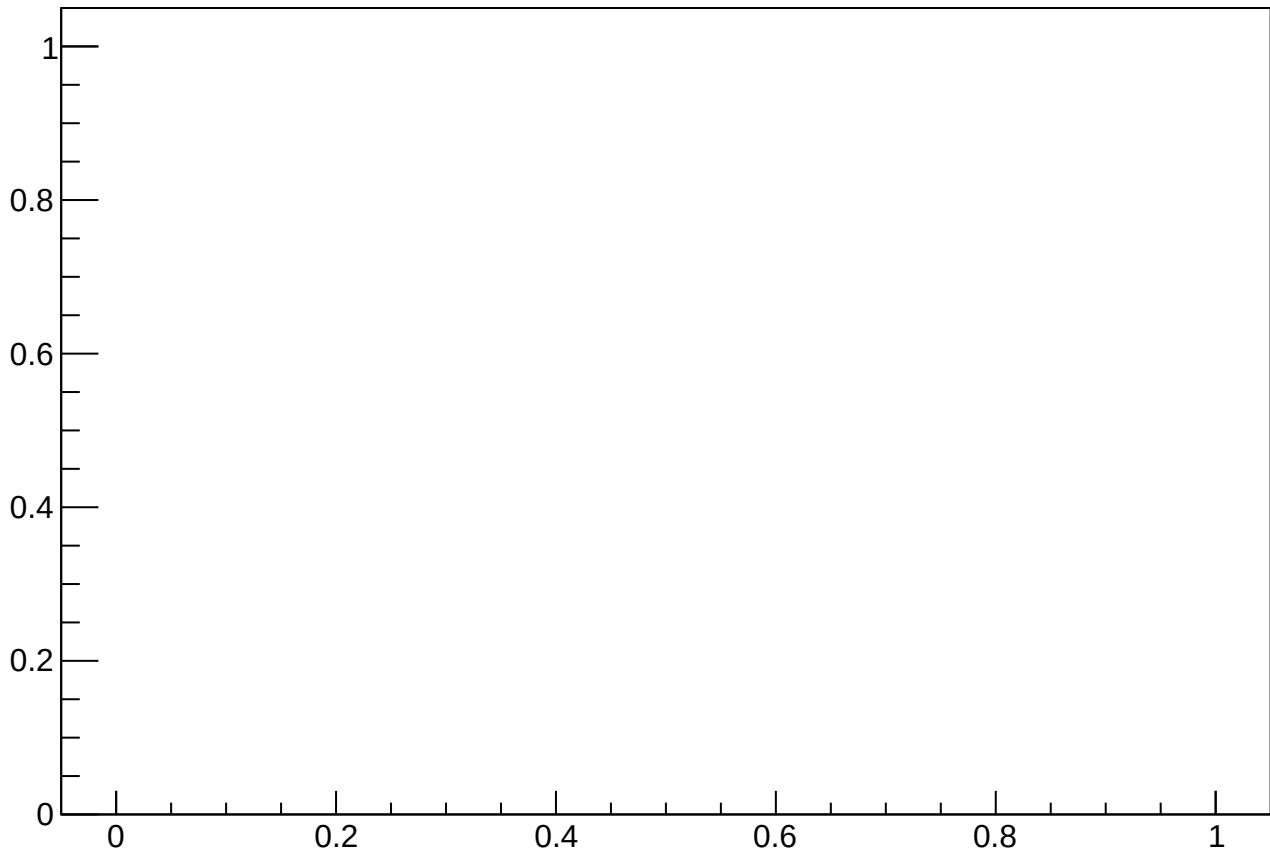
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

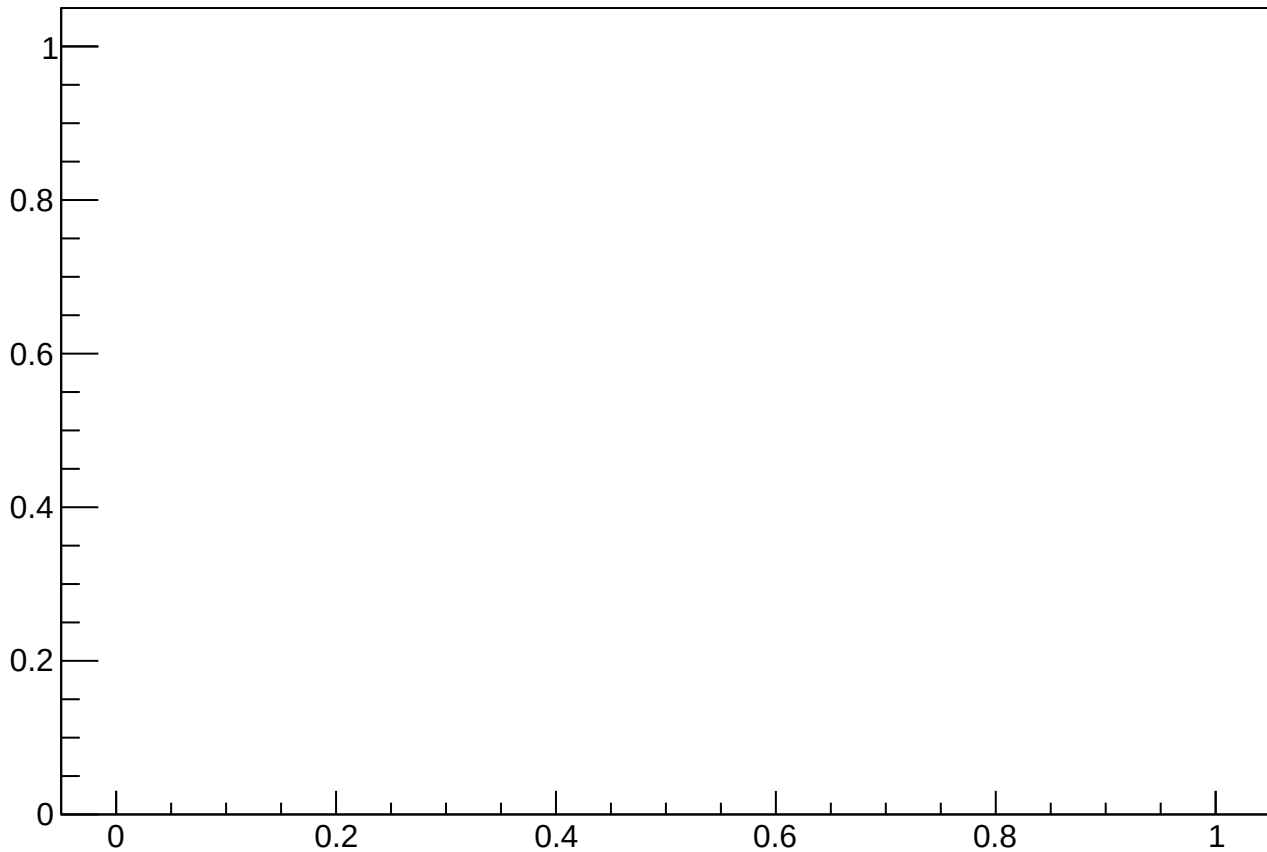
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_37_dd_mean vs slug



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

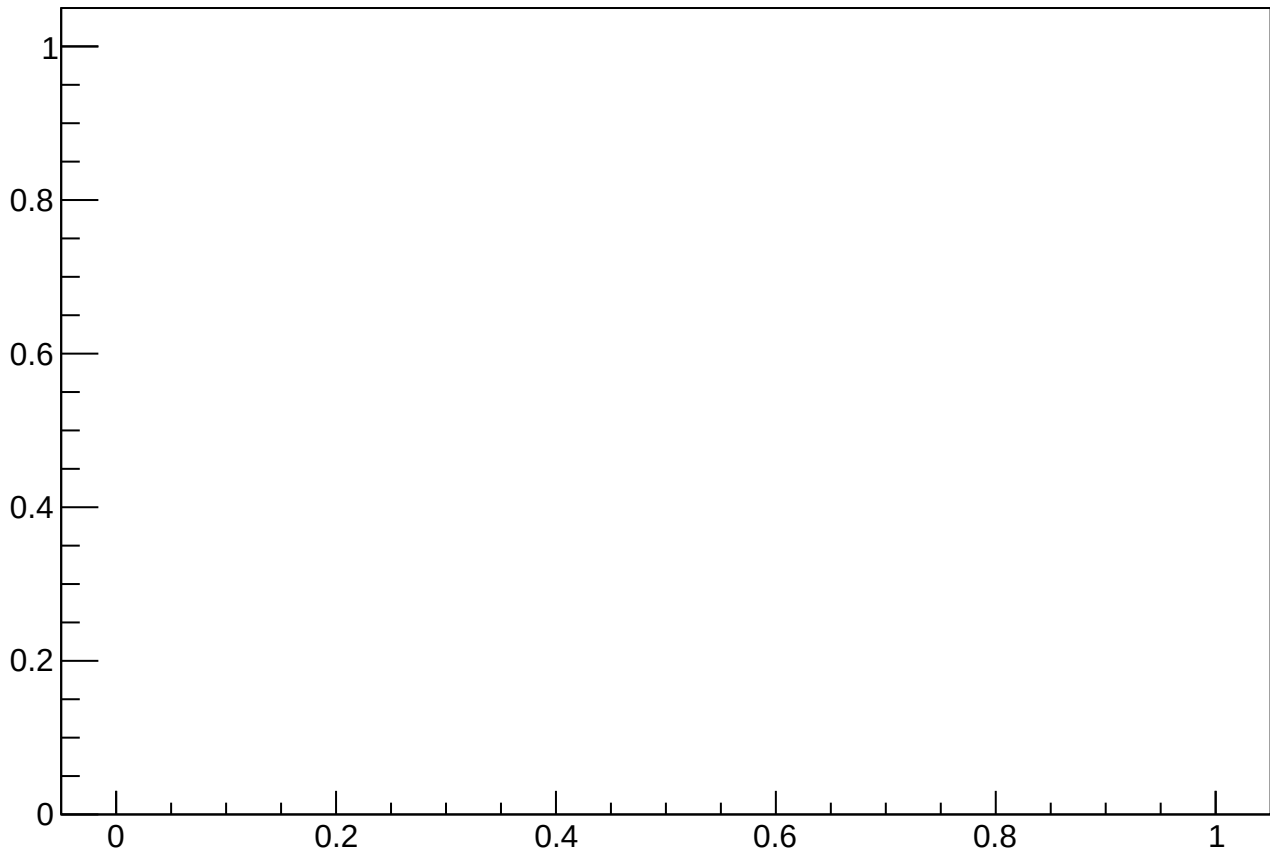
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

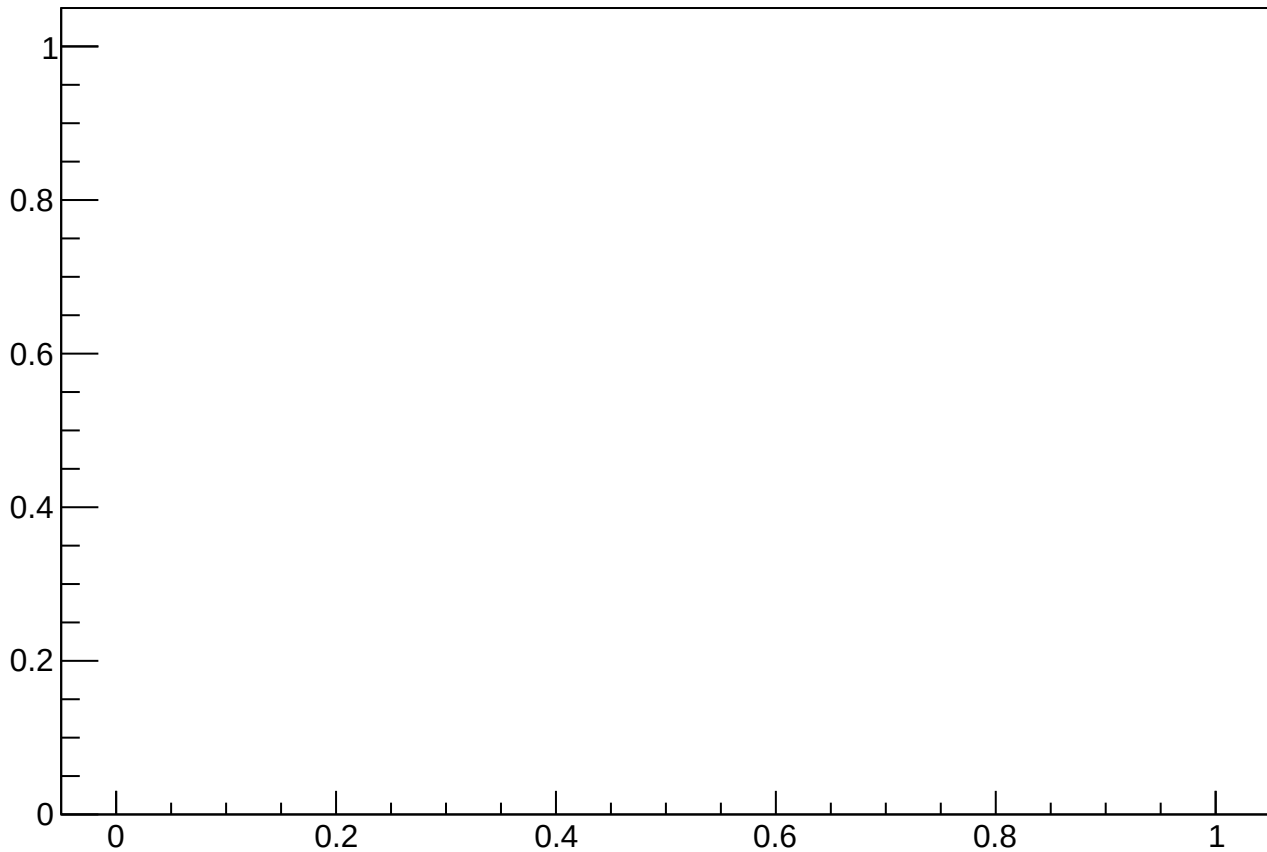
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 $\pm$ 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_dd_rms vs slug



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

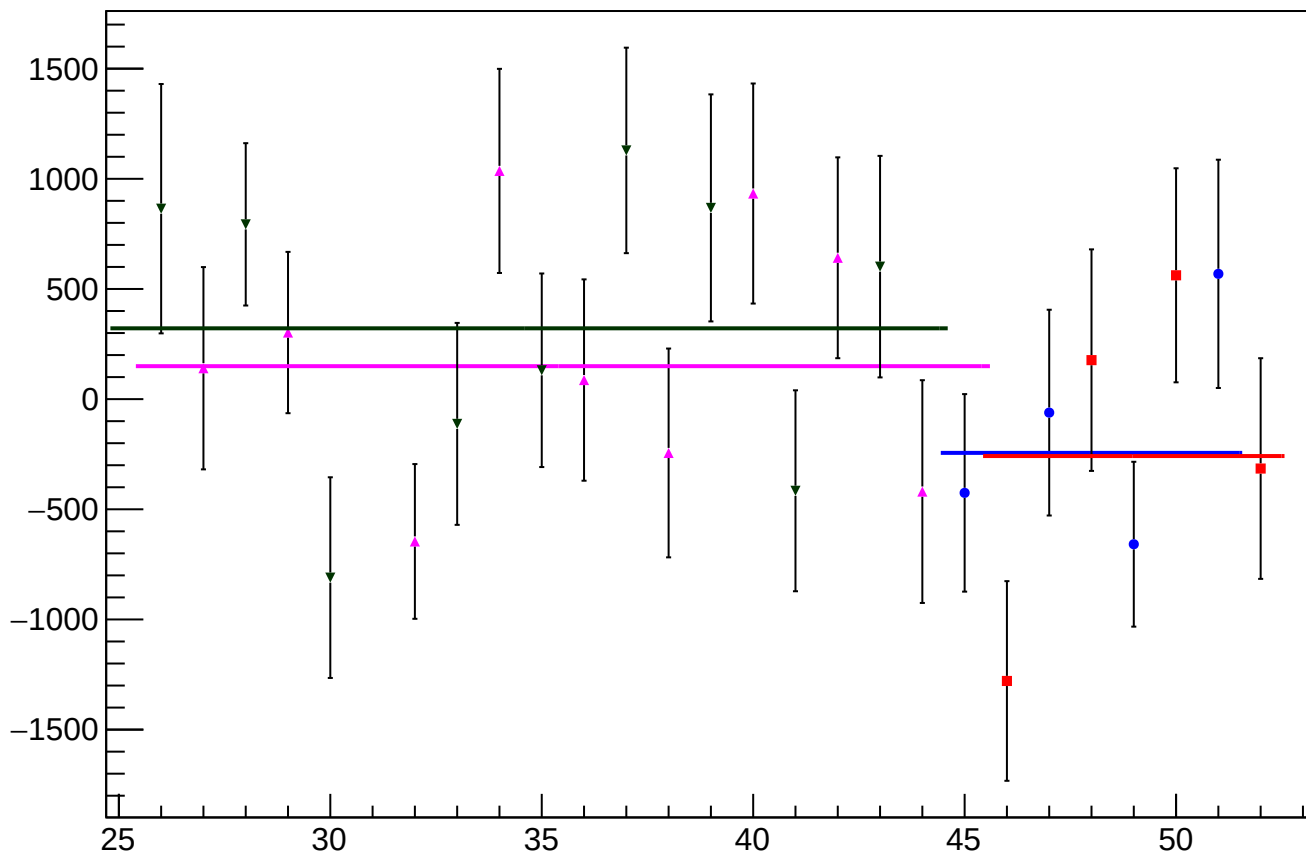
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

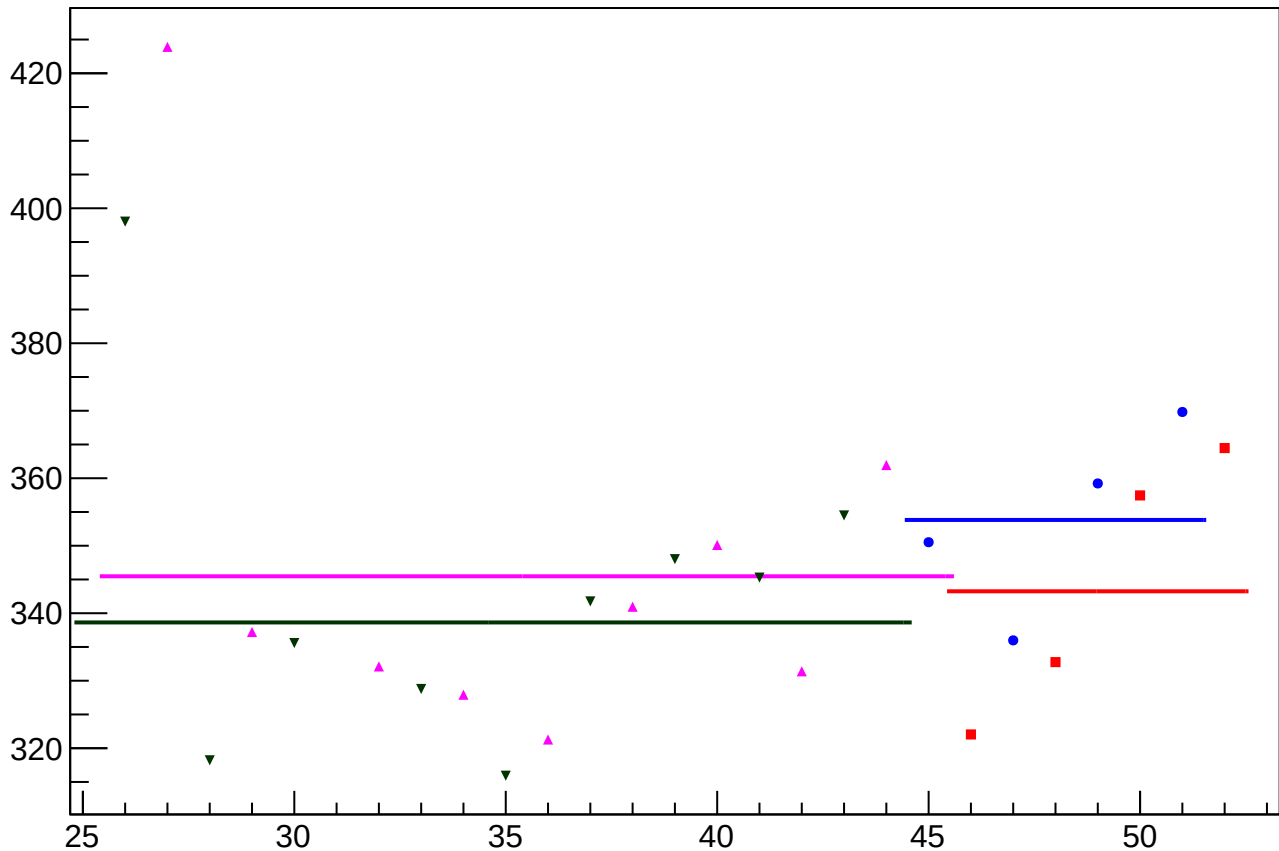
Left Out: 321.392+/-153.601 χ^2/NDF : 16.9/8

Right Out: -258.314+/-242.163 χ^2/NDF : 8.7/3

Left In: 149.607+/-145.938 χ^2/NDF : 14.6/8

88.769+/-88.798 χ^2/NDF : 50.9/25

reg_asym_sam_15_dd_rms vs slug



Right In: 353.821+/-0.156 χ^2/NDF : 5352.1/3

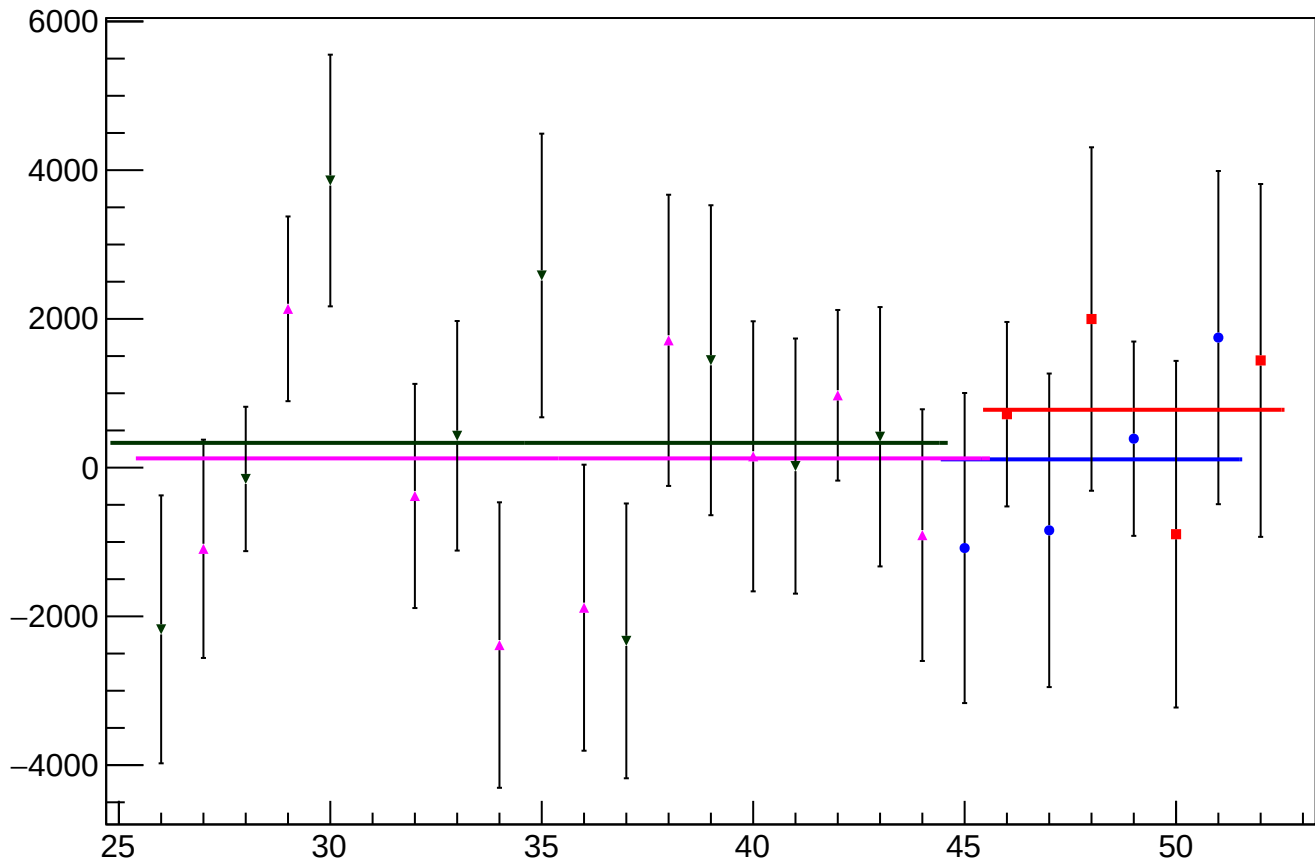
Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

344.233+/-0.063 χ^2/NDF : 135362.8/25

Right Out: 343.250+/-0.171 χ^2/NDF : 10555.6/3

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

asym_sam_15_dd_correction_mean vs slug



Right In: 111.242 $\pm$ 897.913 χ^2 /NDF: 1.1/3

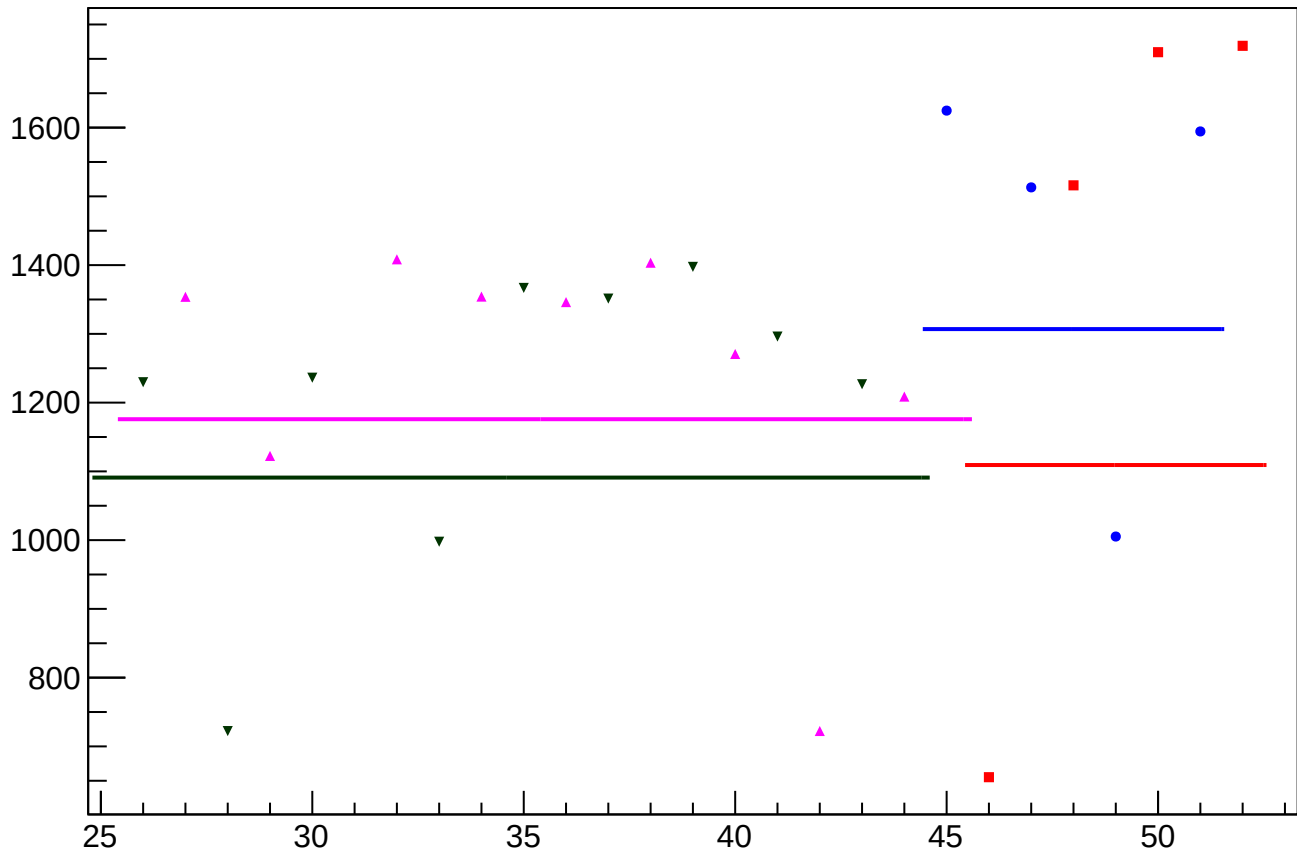
Left Out: 333.038 $\pm$ 526.643 χ^2 /NDF:10.3/8

279.229 $\pm$ 319.220 χ^2 /NDF: 20.5/25

Right Out: 777.996 $\pm$ 913.067 χ^2 /NDF: 0.9/3

Left In: 124.264 $\pm$ 515.157 χ^2 /NDF:7.8/8

asym_sam_15_dd_correction_rms vs slug



Right In: 1306.948 ± 0.635 χ^2/NDF : 205206.2/3

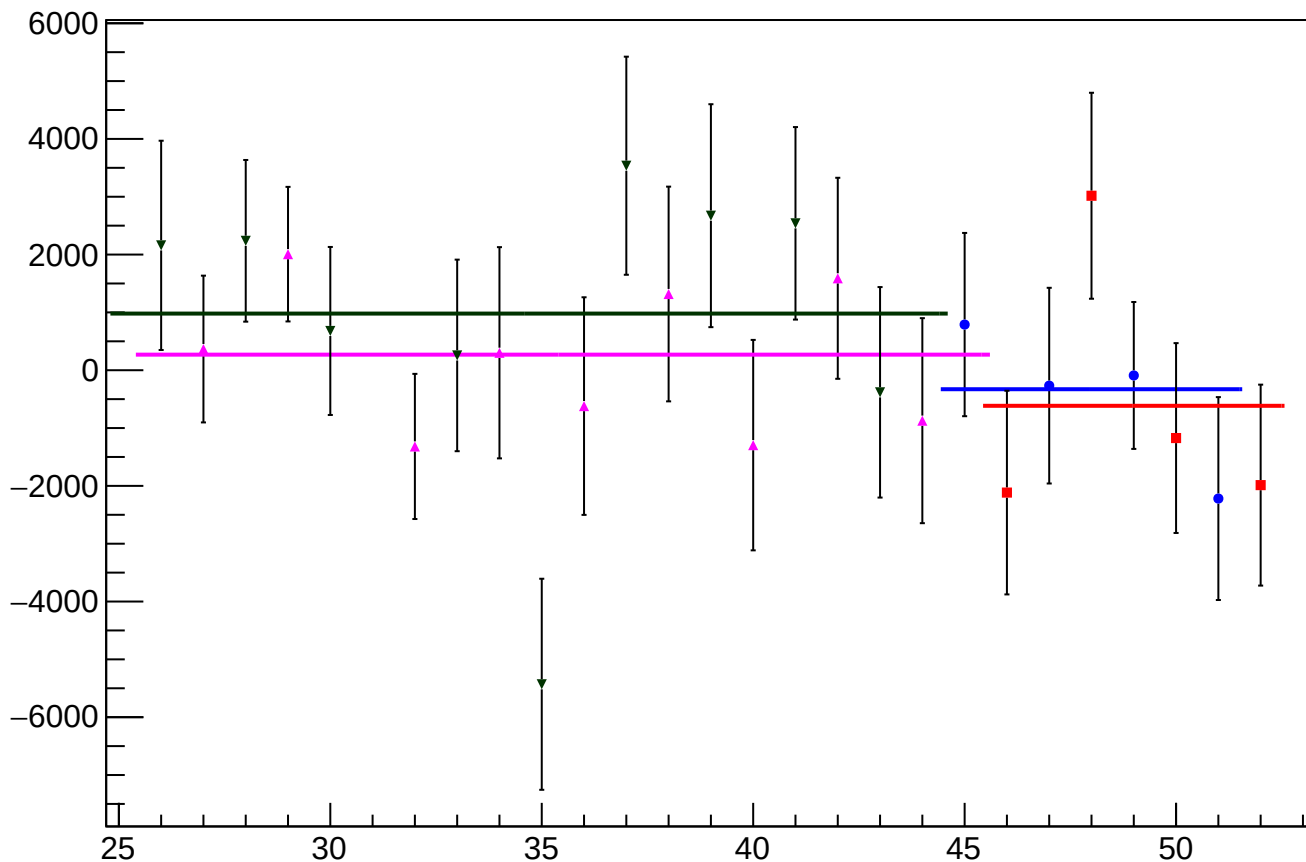
Left Out: 1090.976 ± 0.372 χ^2/NDF : 488039.7/8

1153.104 ± 0.226 χ^2/NDF : 1842798.7/25

Right Out: 1109.236 ± 0.646 χ^2/NDF : 595006.4/3

Left In: 1175.875 ± 0.364 χ^2/NDF : 459477.1/8

reg_asym_sam_26_dd_mean vs slug



Right In: -328.545+/-768.707 χ^2/NDF : 1.7/3

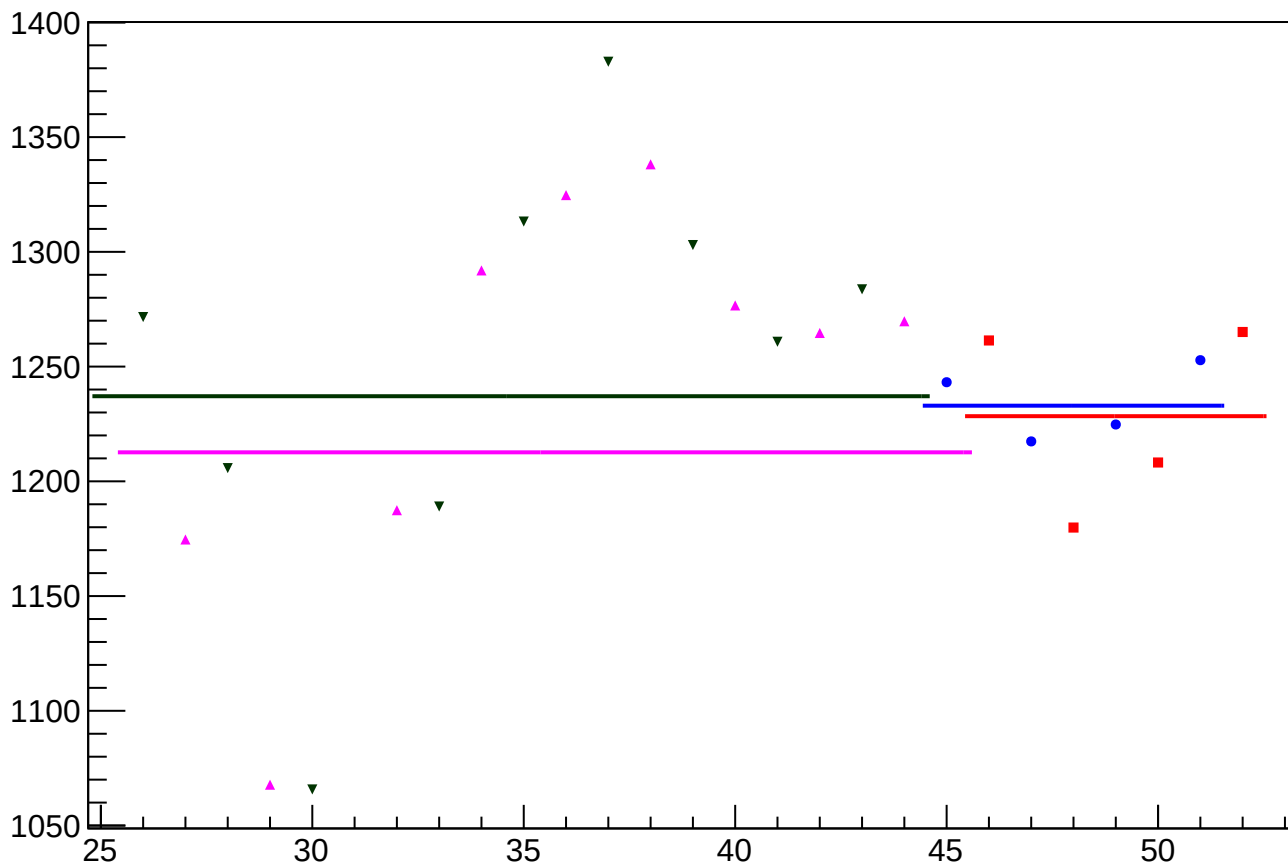
Left Out: 979.553+/-561.753 χ^2/NDF : 17.9/8

Right Out: -615.286+/-863.841 χ^2/NDF : 5.6/3

Left In: 269.305+/-511.773 χ^2/NDF : 6.1/8

274.649+/-315.922 χ^2/NDF : 34.5/25

reg_asym_sam_26_dd_rms vs slug



Right In: 1232.963+/-0.544 χ^2/NDF : 591.5/3

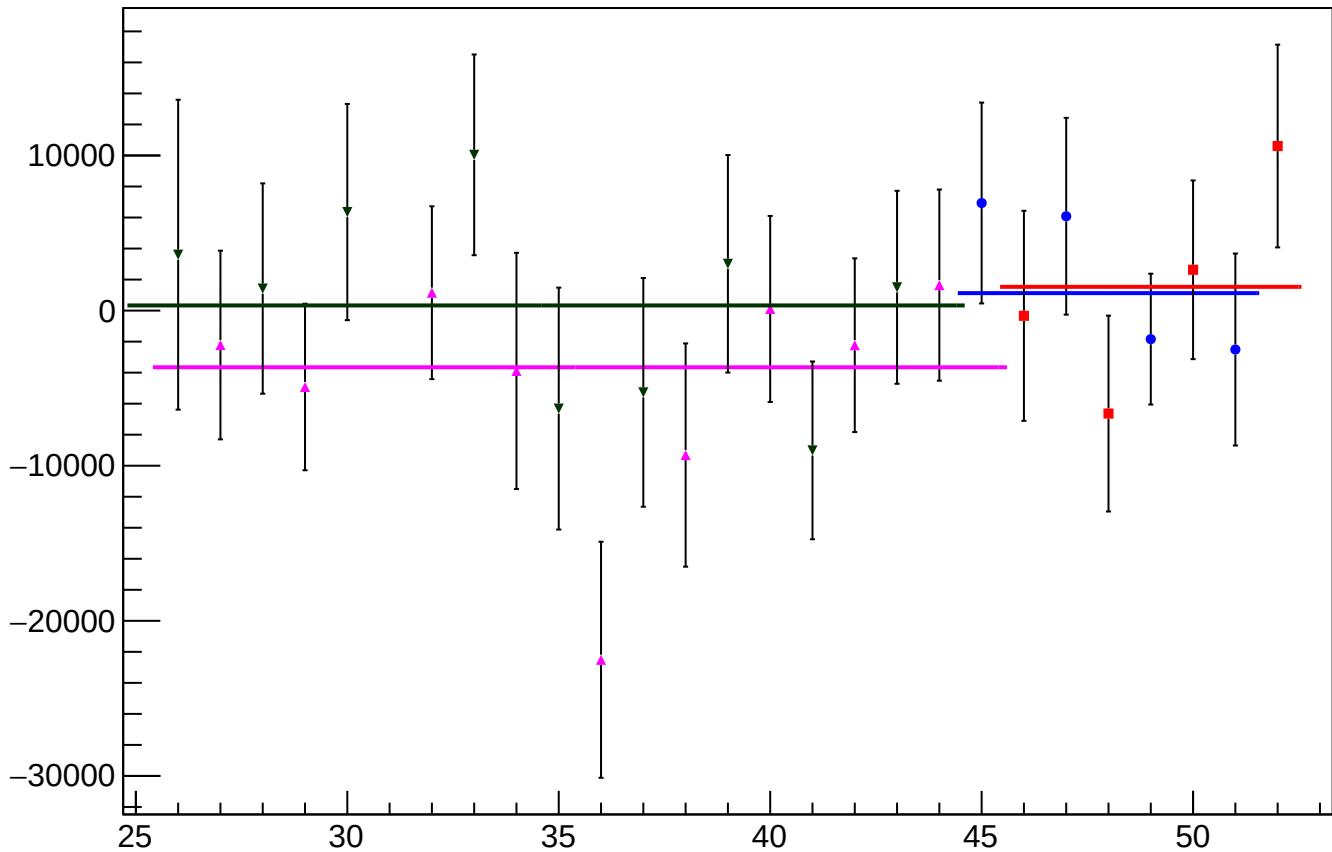
Left Out: 1237.088+/-0.397 χ^2/NDF : 50723.7/8

Right Out: 1228.390+/-0.611 χ^2/NDF : 3381.6/3

Left In: 1212.637+/-0.362 χ^2/NDF : 59937.0/8

1225.910+/-0.223 χ^2/NDF : 116955.9/25

asym_sam_26_dd_correction_mean vs slug



Right In: 1126.558 $\pm$ 2762.145 χ^2 /NDF: 2.3/3

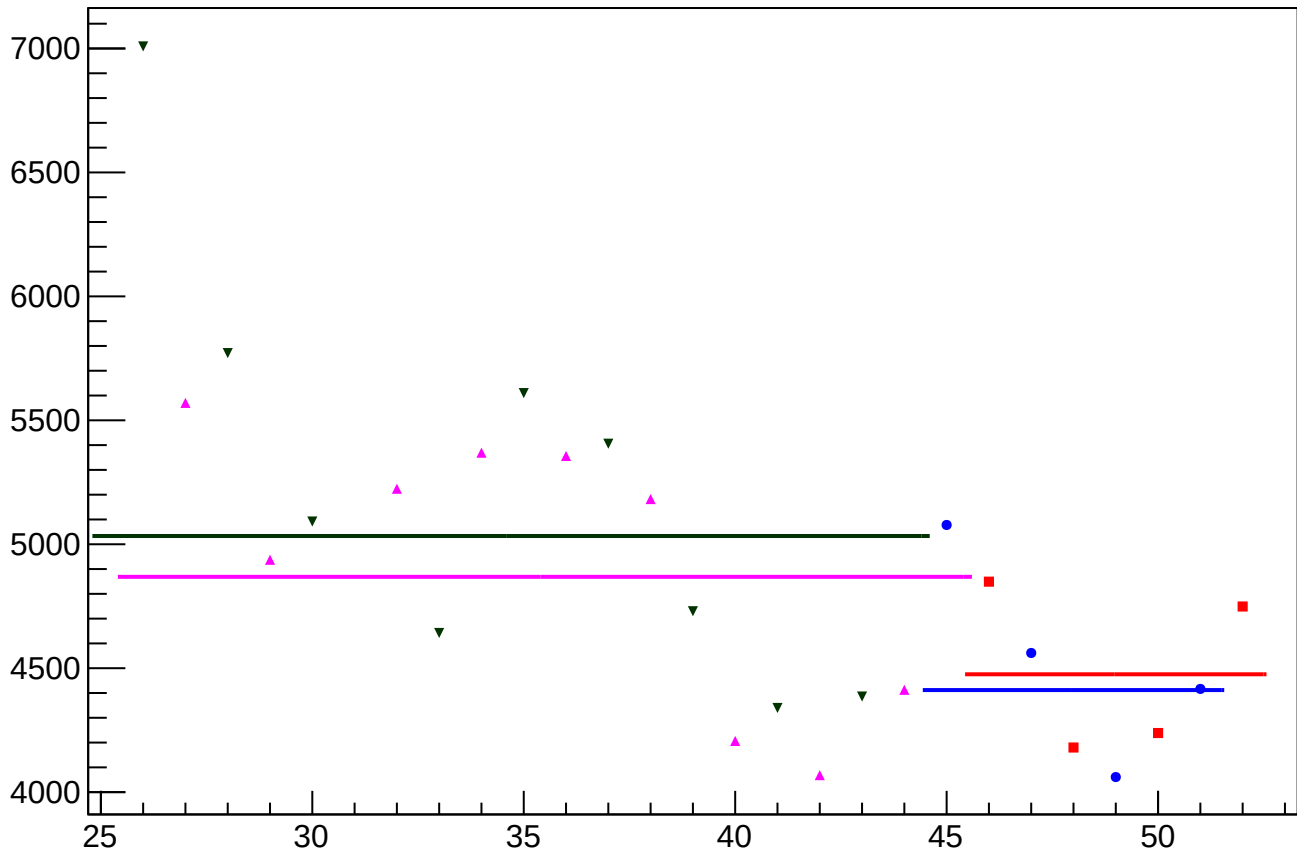
Left Out: 333.092 $\pm$ 2308.078 χ^2 /NDF: 7.3/8

Right Out: 1531.496 $\pm$ 3155.130 χ^2 /NDF: 3.7/3

Left In: -3653.482 $\pm$ 2068.125 χ^2 /NDF: 8.8/8

-750.578 $\pm$ 1237.456 χ^2 /NDF: 25.2/25

asym_sam_26_dd_correction_rms vs slug



Right In: 4411.791+/-1.953 χ^2/NDF : 36133.7/3

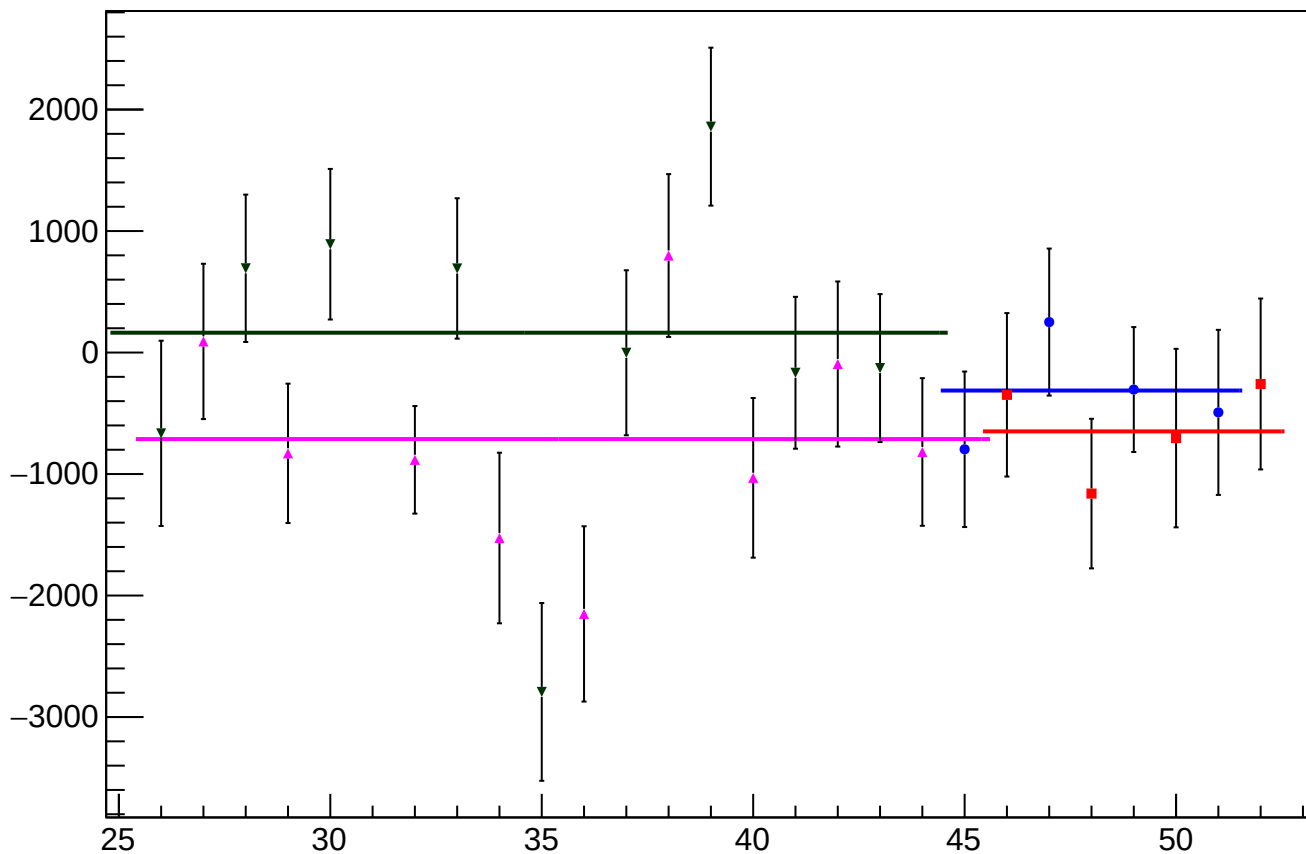
Left Out: 5033.309+/-1.632 χ^2/NDF : 180086.7/8

Right Out: 4475.481+/-2.231 χ^2/NDF : 17355.6/3

Left In: 4868.659+/-1.462 χ^2/NDF : 131897.8/8

4763.809+/-0.875 χ^2/NDF : 447067.7/25

reg_asym_sam_37_dd_mean vs slug



Right In: -312.667 $\pm$ 299.821 χ^2 /NDF: 1.5/3

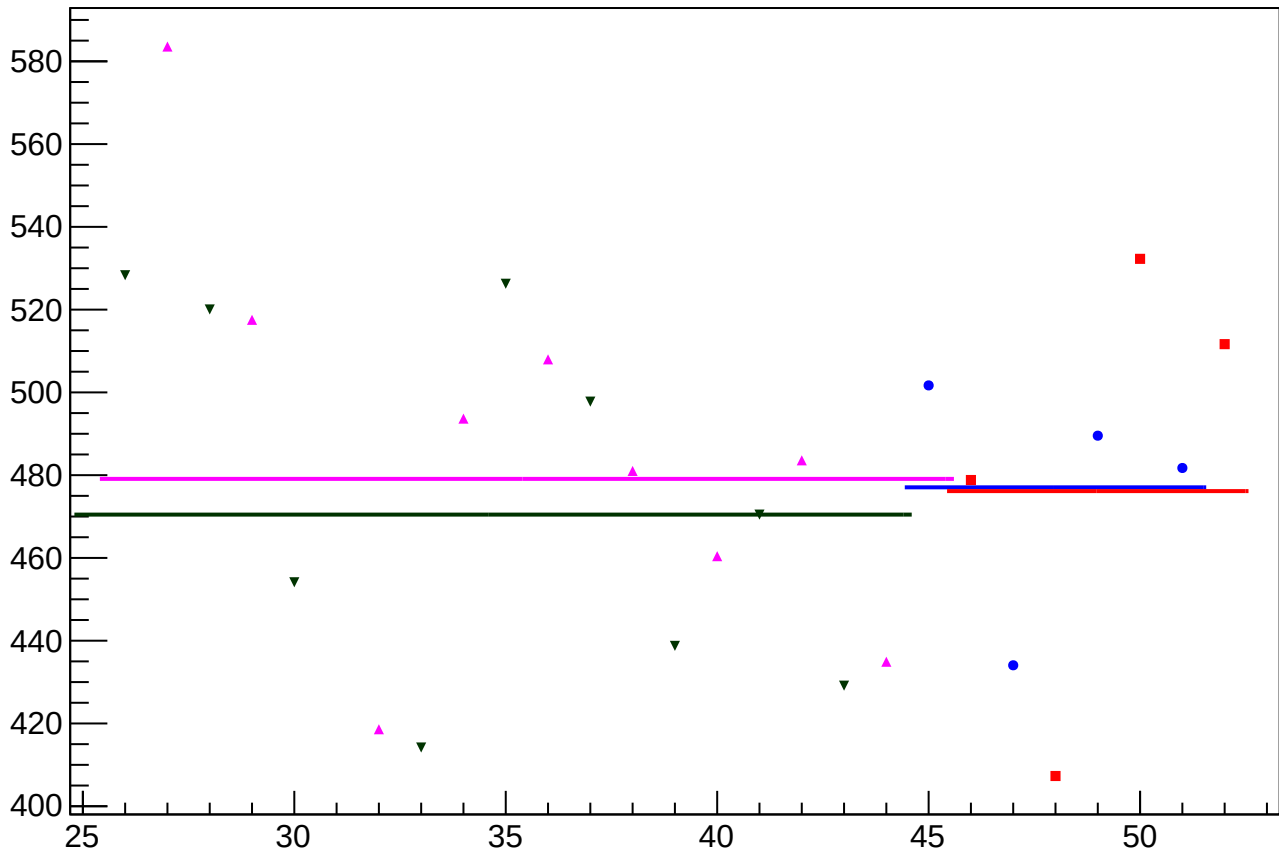
Left Out: 163.244 $\pm$ 214.677 χ^2 /NDF: 27.9/8

Right Out: -648.895 $\pm$ 338.586 χ^2 /NDF: 1.2/3

Left In: -712.252 $\pm$ 204.302 χ^2 /NDF: 13.3/8

-345.944 $\pm$ 123.557 χ^2 /NDF: 53.5/25

reg_asym_sam_37_dd_rms vs slug



Right In: 477.059+/-0.212 χ^2/NDF : 14340.3/3

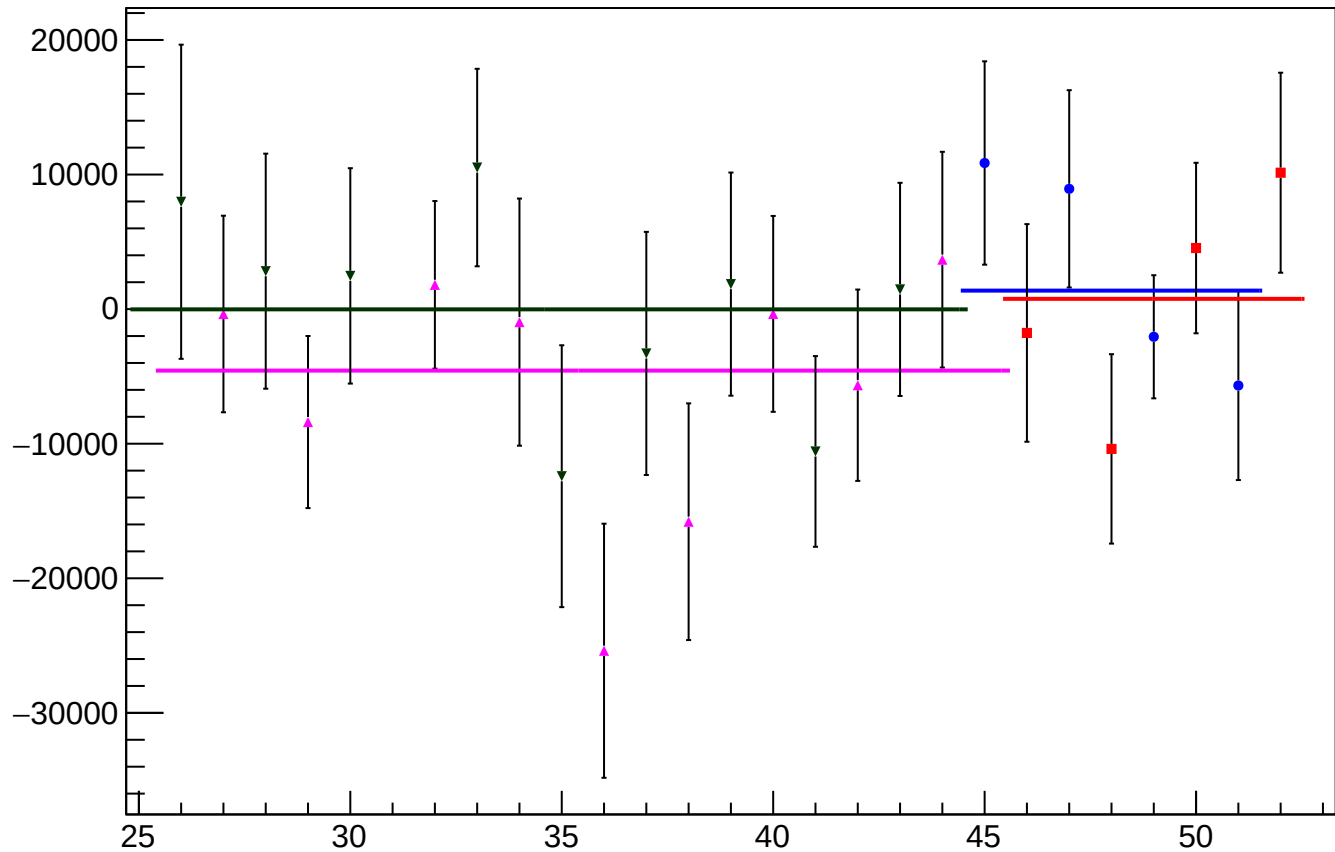
Left Out: 470.470+/-0.152 χ^2/NDF : 74080.1/8

Right Out: 476.149+/-0.239 χ^2/NDF : 41816.1/3

Left In: 479.100+/-0.144 χ^2/NDF : 116132.1/8

475.502+/-0.087 χ^2/NDF : 248149.0/25

asym_sam_37_dd_correction_mean vs slug



Right In: 1375.806 $\pm$ 3098.219 χ^2 /NDF: 4.2/3

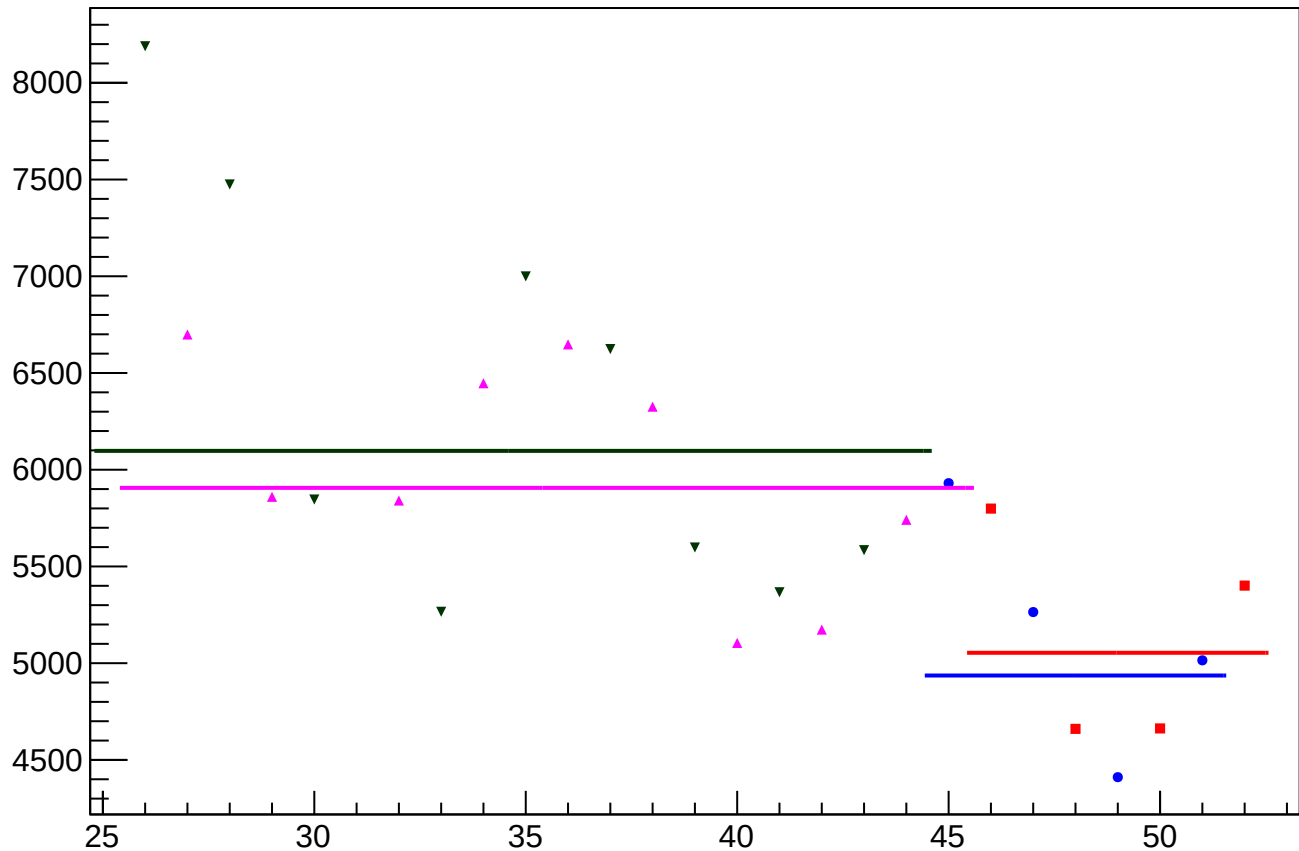
Left Out: -17.487 $\pm$ 2796.410 χ^2 /NDF: 6.8/8

Right Out: 763.192 $\pm$ 3568.791 χ^2 /NDF: 4.6/3

Left In: -4568.467 $\pm$ 2506.032 χ^2 /NDF: 9.8/8

-1120.522 $\pm$ 1458.955 χ^2 /NDF: 28.3/25

asym_sam_37_dd_correction_rms vs slug



Right In: 4936.276 $\pm$ 2.191 χ^2 /NDF: 65286.7/3

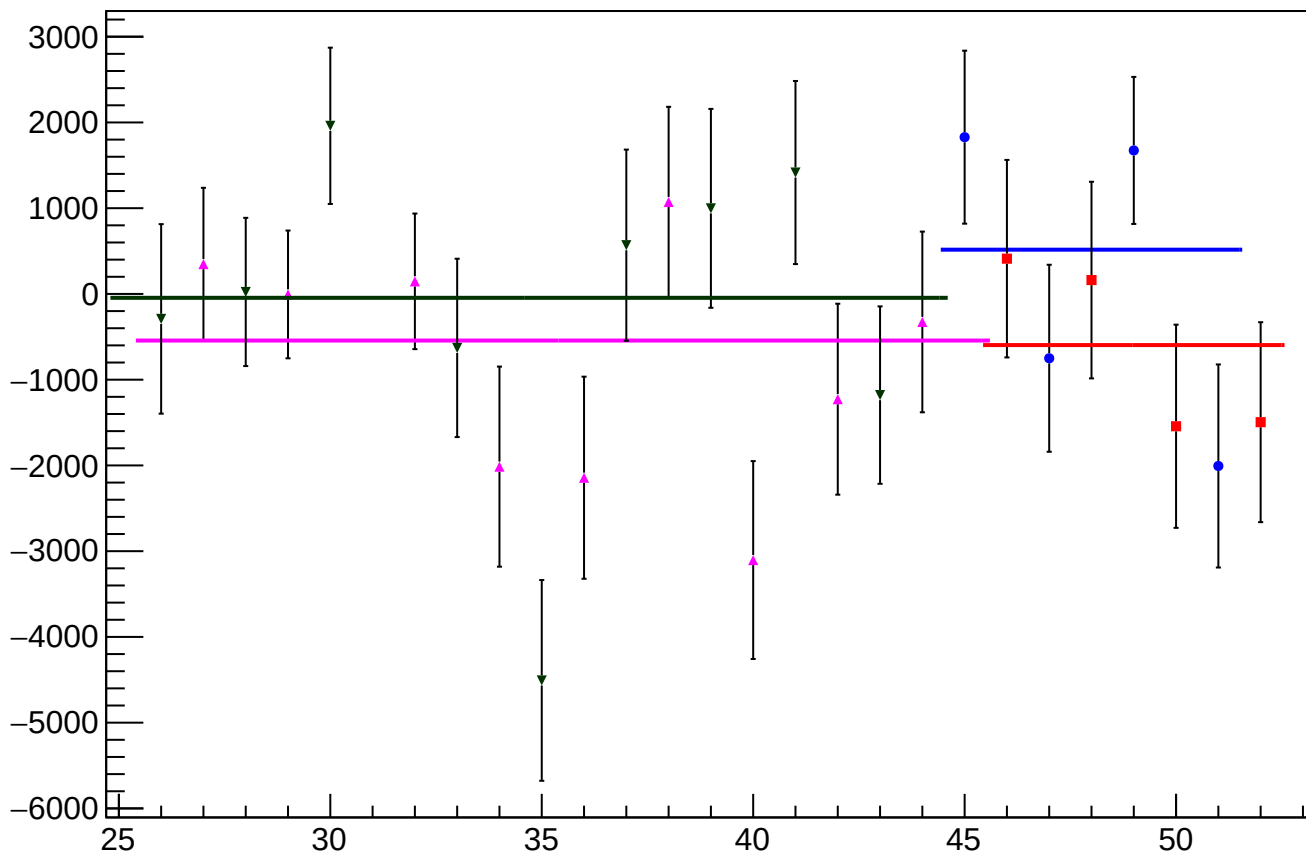
Left Out: 6097.446 $\pm$ 1.977 χ^2 /NDF: 202537.0/8

5600.751 $\pm$ 1.032 χ^2 /NDF: 628912.6/25

Right Out: 5053.797 $\pm$ 2.524 χ^2 /NDF: 35221.7/3

Left In: 5906.293 $\pm$ 1.772 χ^2 /NDF: 94067.7/8

reg_asym_sam_48_dd_mean vs slug



Right In: 516.201+/-506.551 χ^2/NDF : 9.4/3

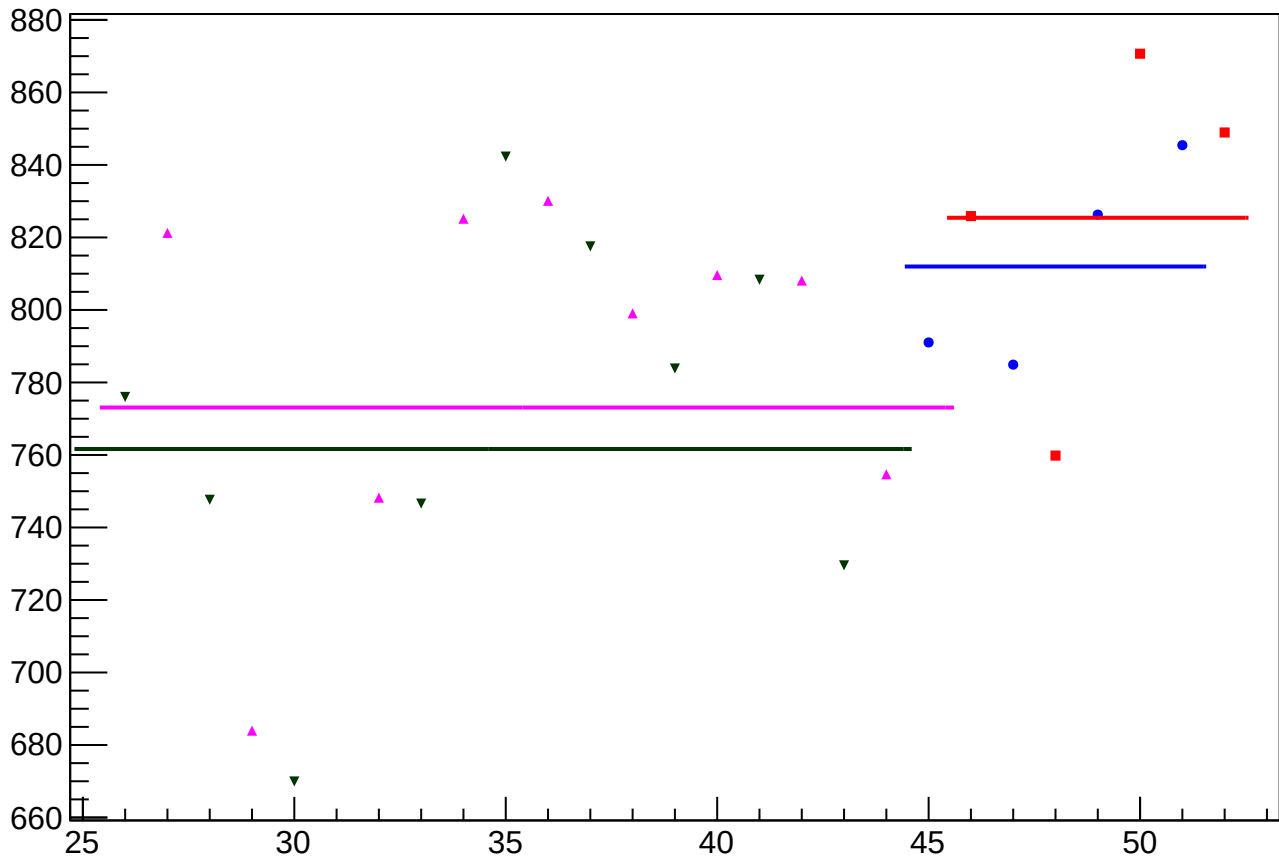
Left Out: -45.235+/-345.547 χ^2/NDF : 23.9/8

Right Out: -596.344+/-581.004 χ^2/NDF : 2.4/3

Left In: -543.555+/-326.377 χ^2/NDF : 13.2/8

-212.671+/-201.528 χ^2/NDF : 52.7/25

reg_asym_sam_48_dd_rms vs slug



Right In: 811.980+/-0.358 χ^2/NDF : 4249.4/3

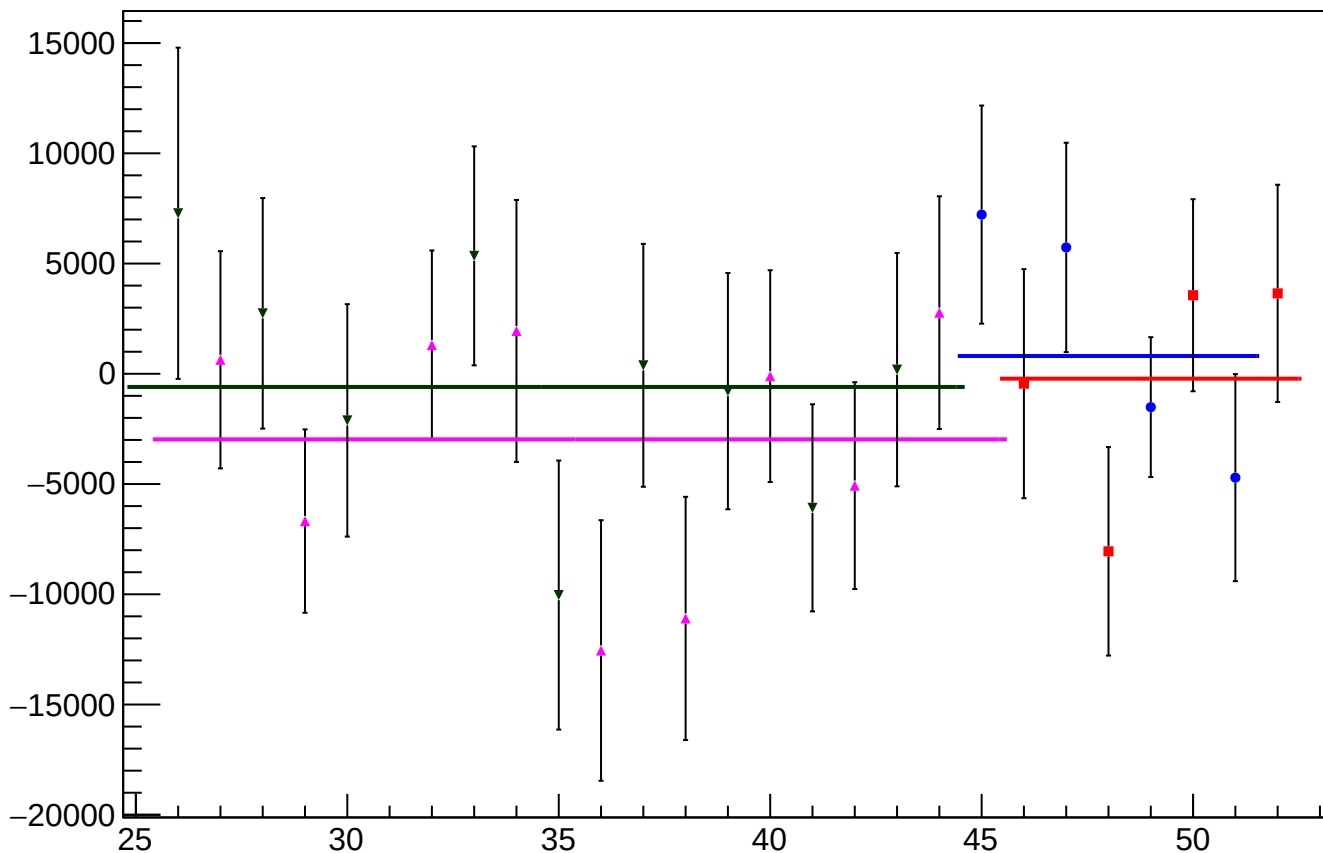
Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

781.650+/-0.143 χ^2/NDF : 134468.8/25

Right Out: 825.425+/-0.411 χ^2/NDF : 10277.1/3

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

asym_sam_48_dd_correction_mean vs slug



Right In: 806.467 $\pm$ 2085.297 χ^2 /NDF: 4.7/3

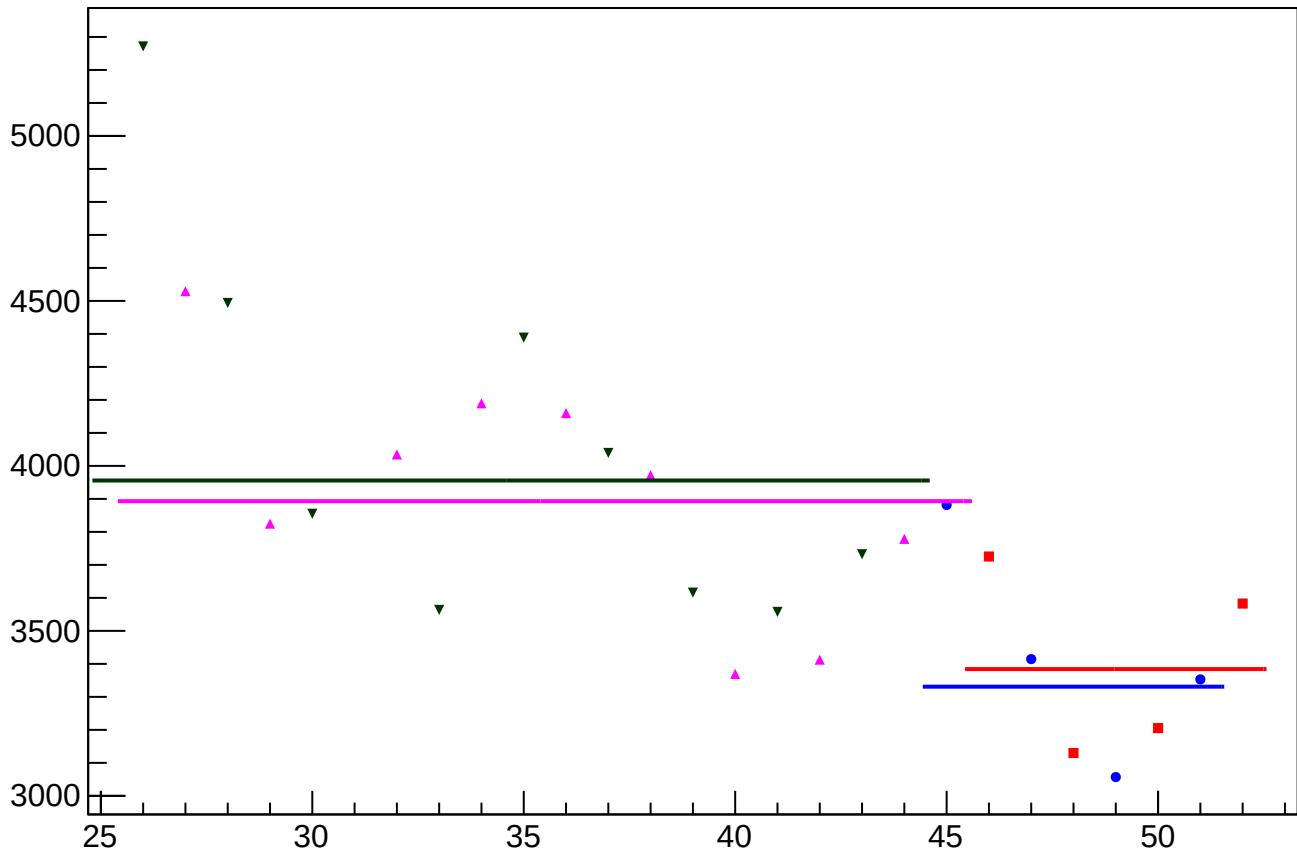
Left Out: -596.718 $\pm$ 1806.172 χ^2 /NDF: 6.8/8

Right Out: -221.071 $\pm$ 2385.392 χ^2 /NDF: 4.1/3

Left In: -2972.241 $\pm$ 1648.547 χ^2 /NDF: 9.5/8

-1046.066 $\pm$ 962.160 χ^2 /NDF: 27.5/25

asym_sam_48_dd_correction_rms vs slug



Right In: 3330.879+/-1.475 χ^2/NDF : 40384.5/3

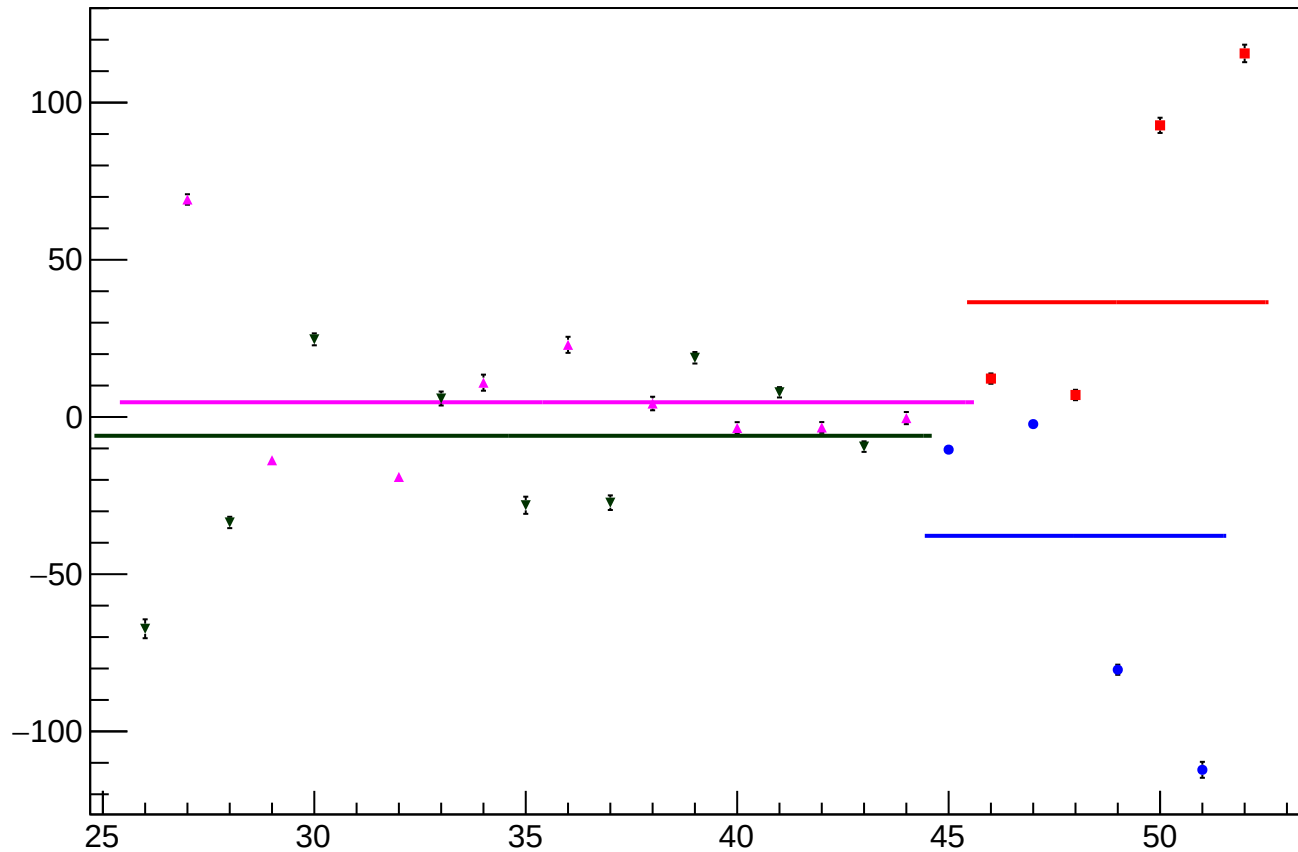
Left Out: 3955.749+/-1.277 χ^2/NDF :132278.2/8

Right Out: 3384.257+/-1.687 χ^2/NDF : 21041.4/3

Left In: 3893.148+/-1.166 χ^2/NDF :91246.8/8

3708.416+/-0.680 χ^2/NDF : 450058.5/25

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -37.798 ± 0.839 $\chi^2/\text{NDF}: 2446.5/3$

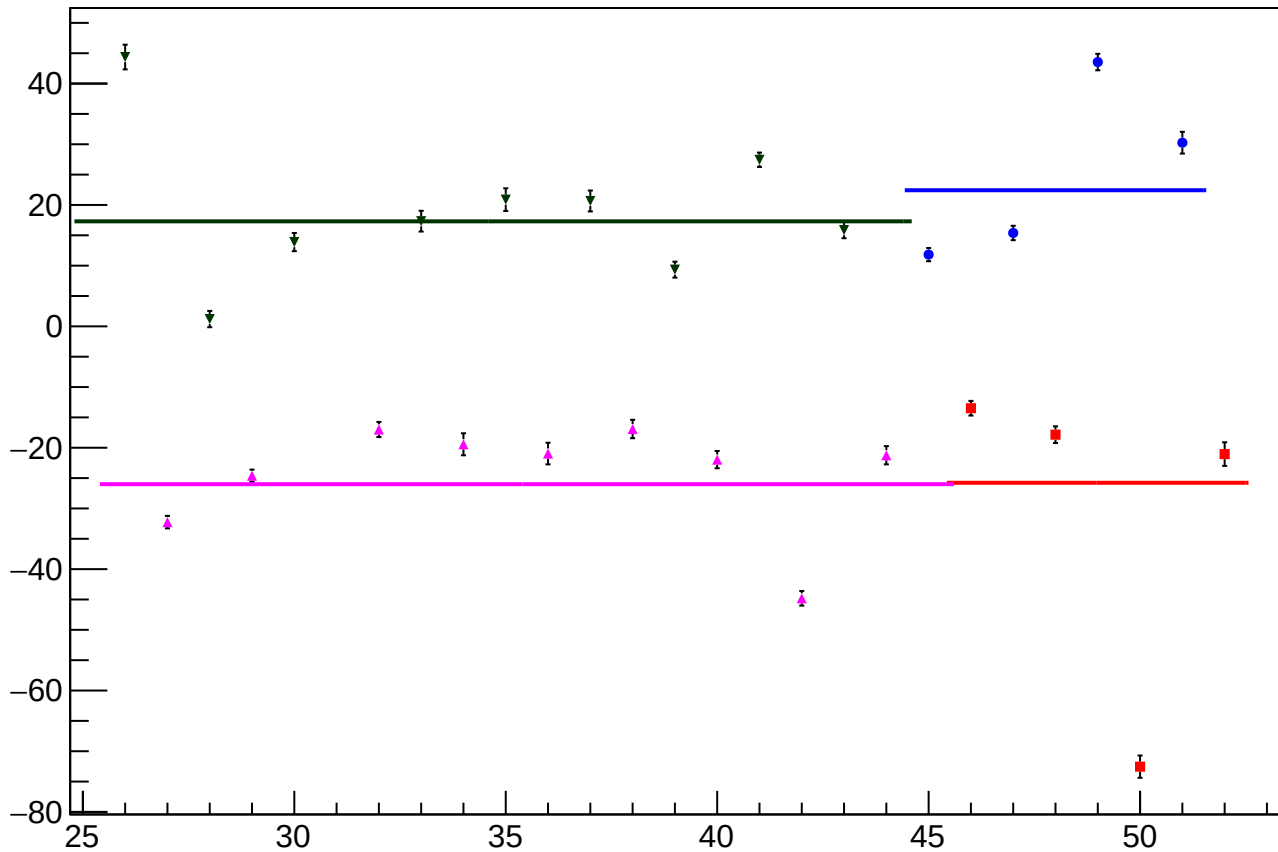
Left Out: -5.976 ± 0.669 $\chi^2/\text{NDF}: 1346.2/8$

Right Out: 36.506 ± 0.983 $\chi^2/\text{NDF}: 1881.9/3$

Left In: 4.687 ± 0.600 $\chi^2/\text{NDF}: 2042.2/8$

-2.182 ± 0.366 $\chi^2/\text{NDF}: 11229.7/25$

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 22.426+/-0.645 χ^2/NDF : 390.9/3

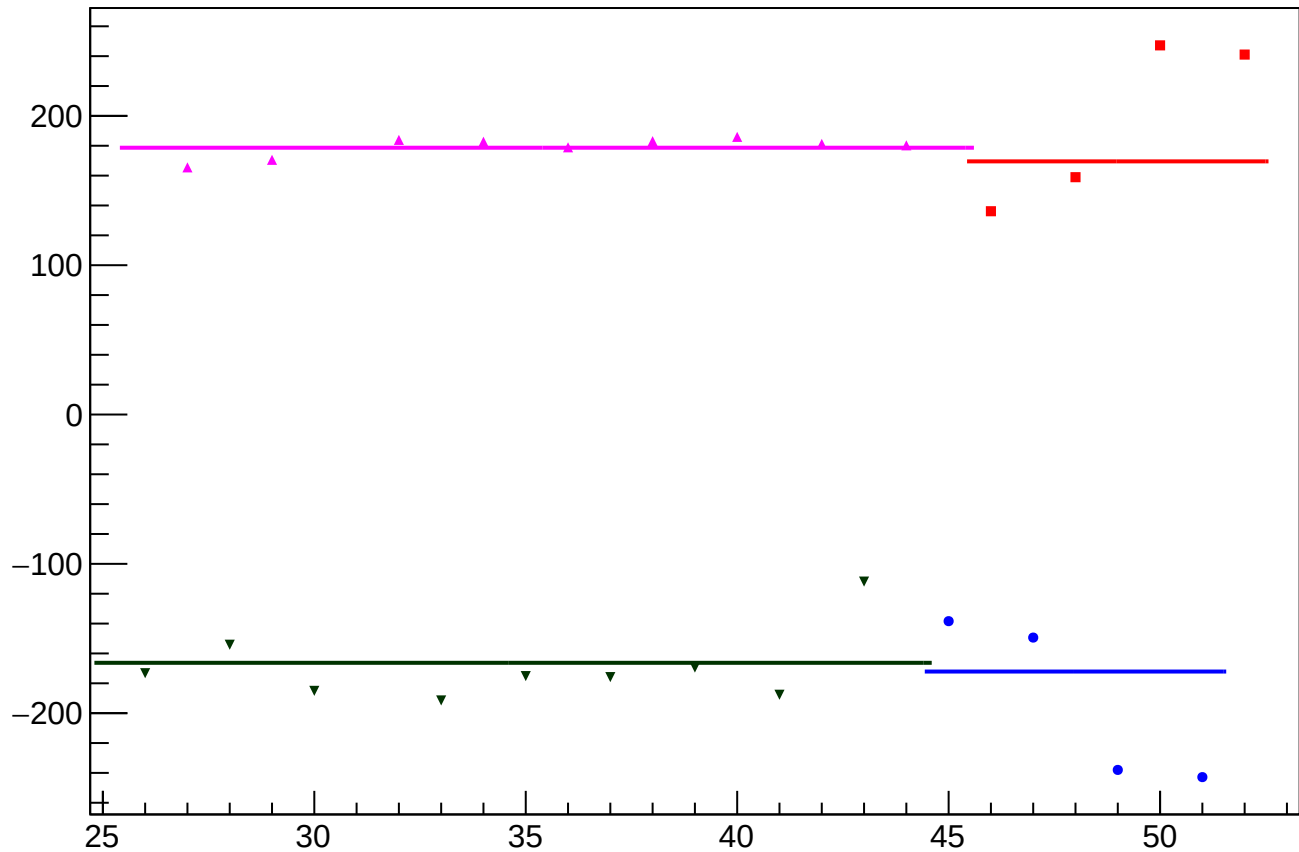
Left Out: 17.301+/-0.497 χ^2/NDF : 443.8/8

Right Out: -25.771+/-0.751 χ^2/NDF : 789.9/3

Left In: -26.003+/-0.437 χ^2/NDF : 409.3/8

-4.297+/-0.272 χ^2/NDF : 8931.5/25

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -172.120±0.146 χ^2/NDF : 91117.7/3

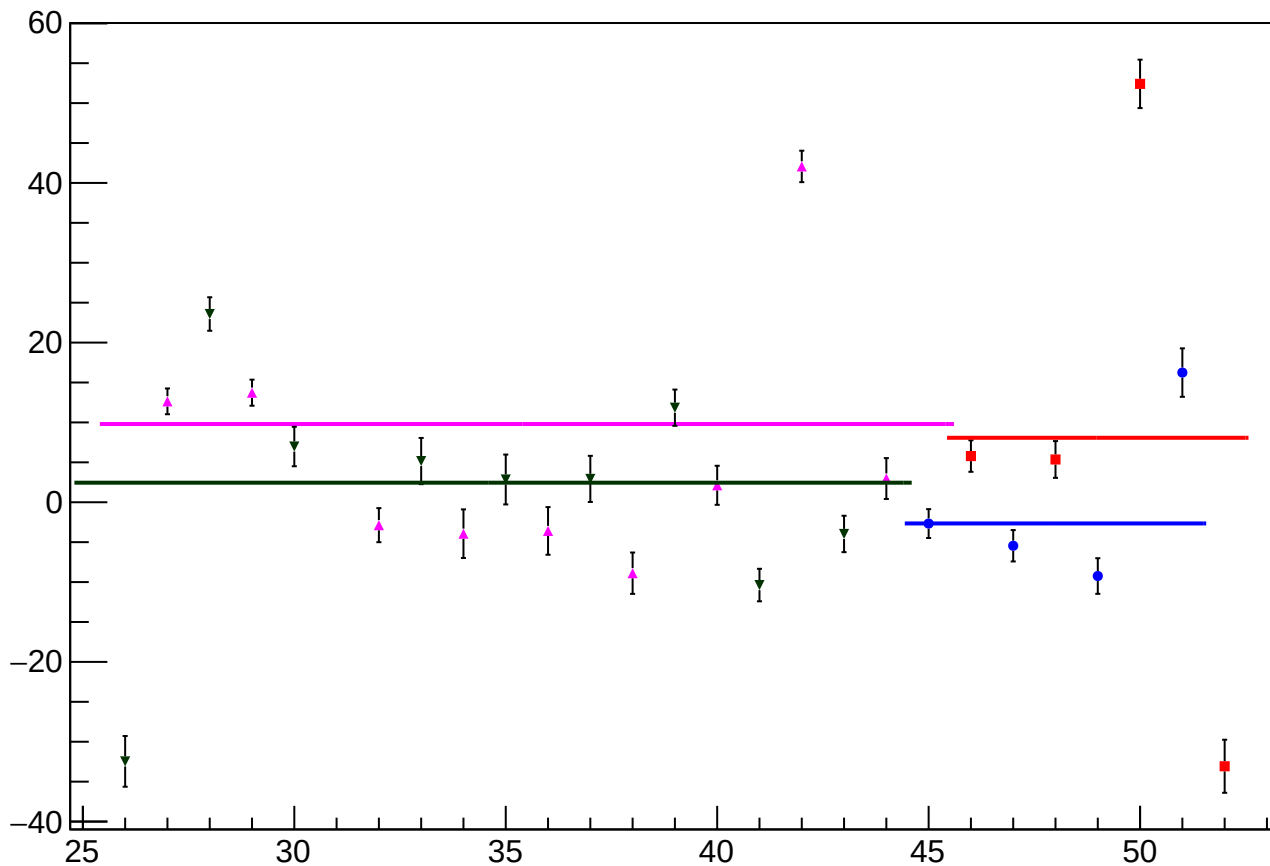
Left Out: -166.272±0.112 χ^2/NDF : 54572.5/8

Right Out: 169.538±0.165 χ^2/NDF : 69588.5/3

Left In: 178.677±0.104 χ^2/NDF : 4273.4/8

6.146±0.062 χ^2/NDF : 7827349.7/25

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -2.655 ± 1.069 $\chi^2/\text{NDF}: 49.5/3$

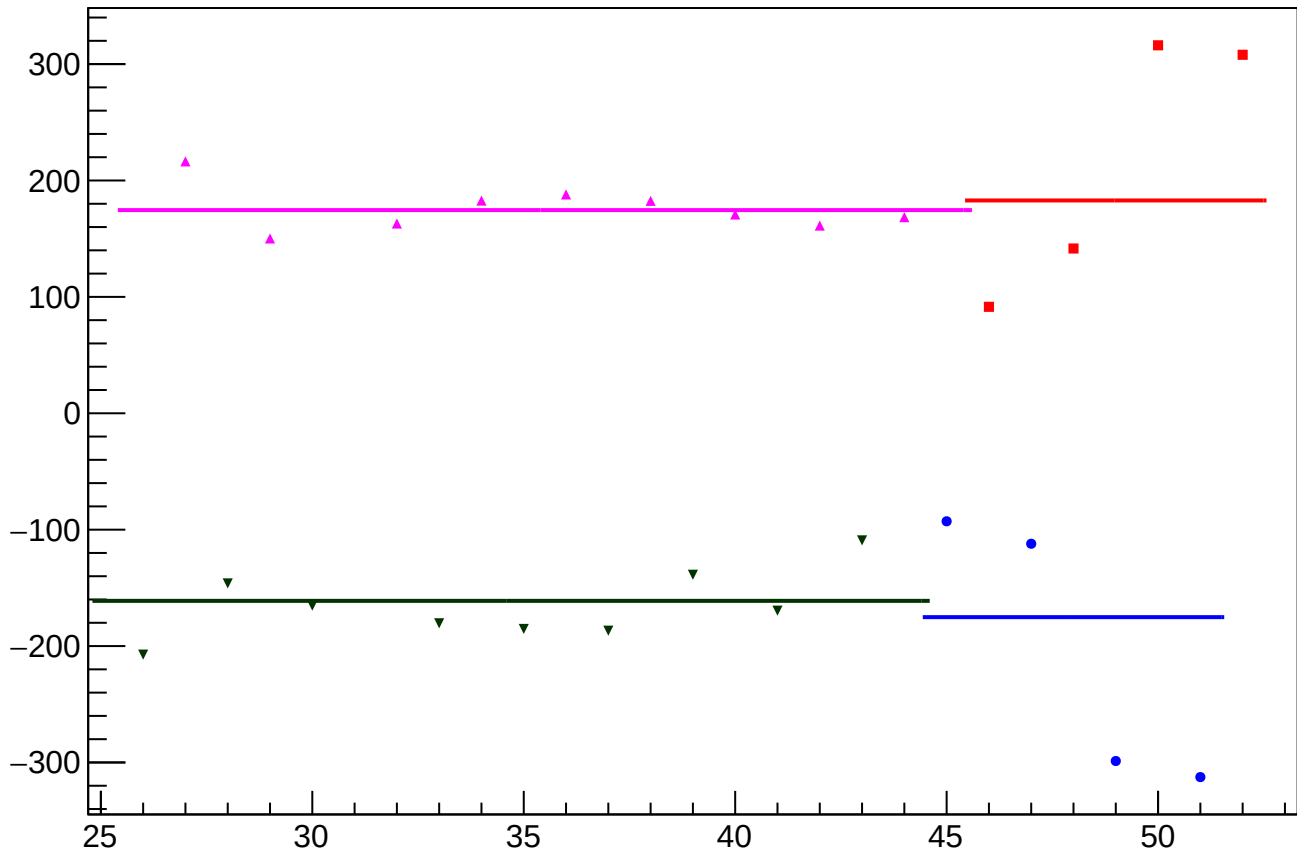
Left Out: 2.449 ± 0.828 $\chi^2/\text{NDF}: 291.1/8$

5.164 ± 0.452 $\chi^2/\text{NDF}: 1243.7/25$

Right Out: 8.076 ± 1.245 $\chi^2/\text{NDF}: 369.9/3$

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

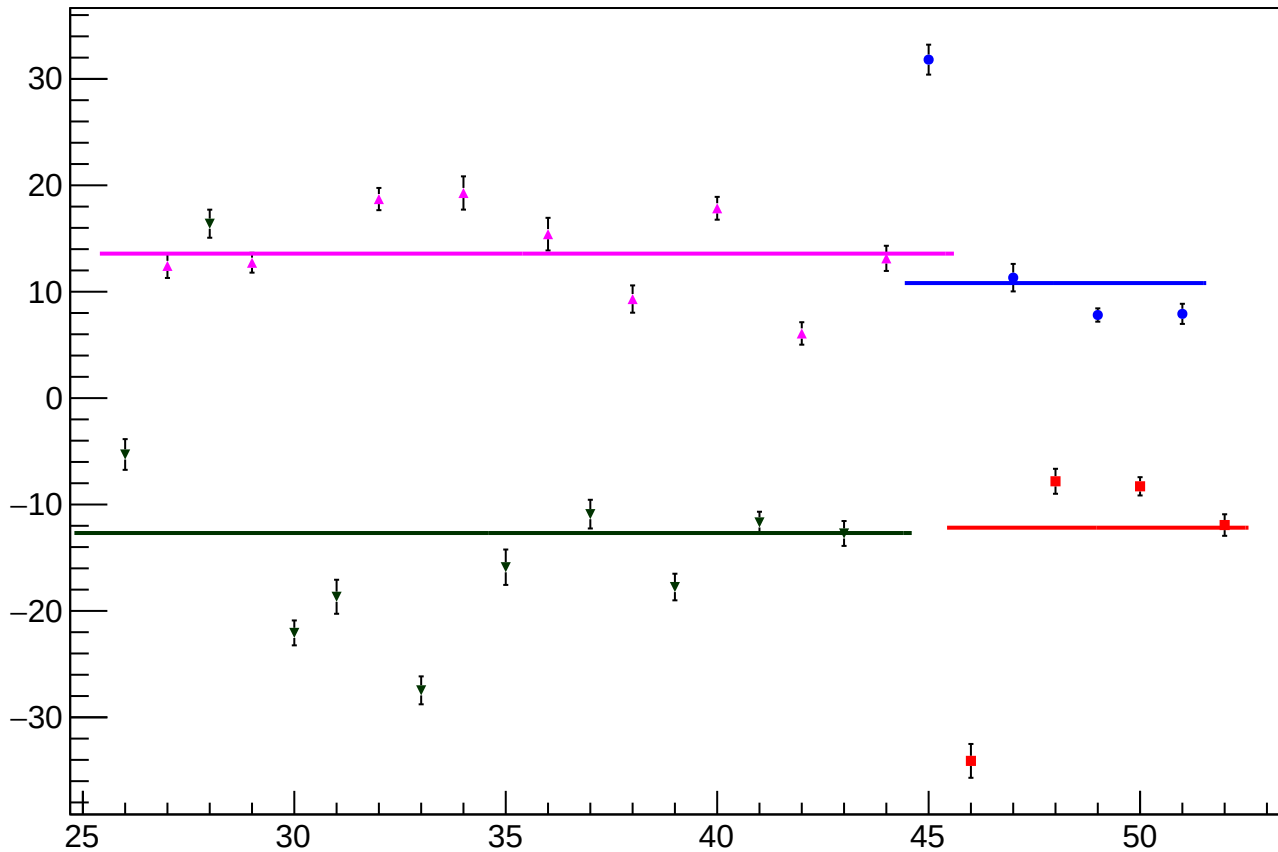
Left Out: -161.152 ± 0.151 χ^2/NDF : 35710.6/8

Right Out: 182.842 ± 0.234 χ^2/NDF : 170952.9/3

Left In: 174.553 ± 0.152 χ^2/NDF : 17338.1/8

-1.000 ± 0.088 χ^2/NDF : 4209384.8/25

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 10.813 ± 0.458 χ^2/NDF : 255.1/3

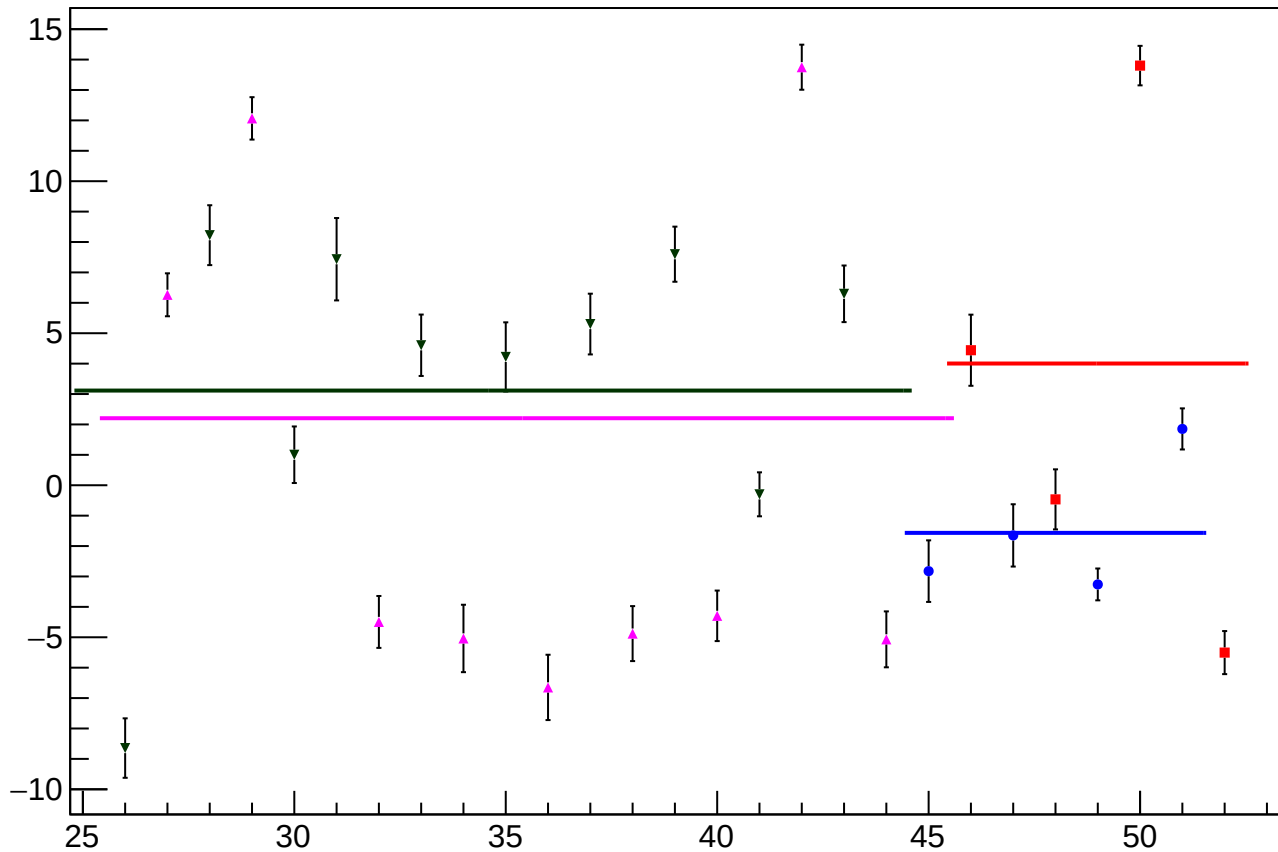
Left Out: -12.678 ± 0.407 χ^2/NDF : 739.7/9

1.192 ± 0.218 χ^2/NDF : 4594.2/26

Right Out: -12.178 ± 0.539 χ^2/NDF : 224.3/3

Left In: 13.580 ± 0.384 χ^2/NDF : 118.2/8

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -1.566 ± 0.359 χ^2/NDF : 37.6/3

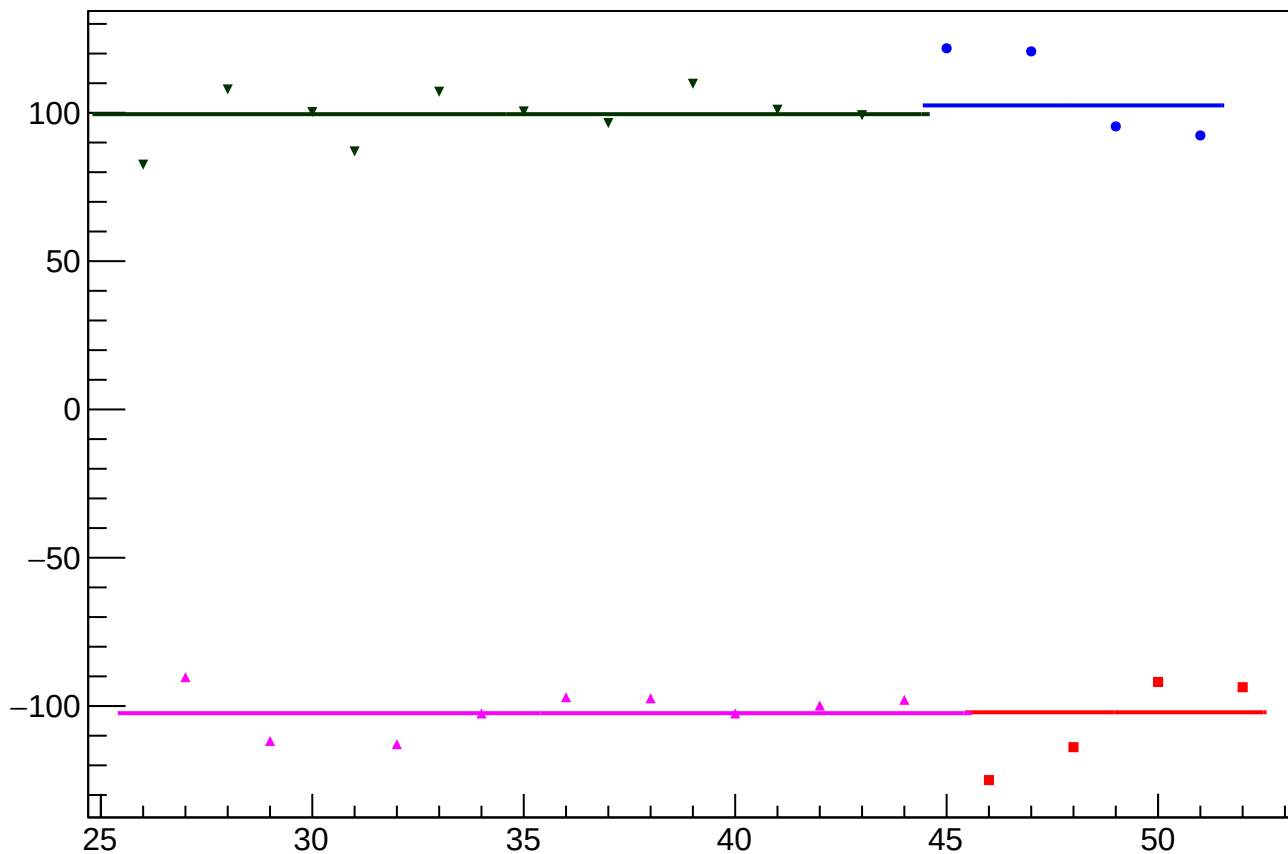
Left Out: 3.114 ± 0.304 χ^2/NDF : 253.2/9

1.980 ± 0.163 χ^2/NDF : 1689.5/26

Right Out: 4.003 ± 0.404 χ^2/NDF : 428.3/3

Left In: 2.204 ± 0.280 χ^2/NDF : 833.1/8

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 102.517 $\pm$ 0.086 χ^2/NDF : 21096.9/3

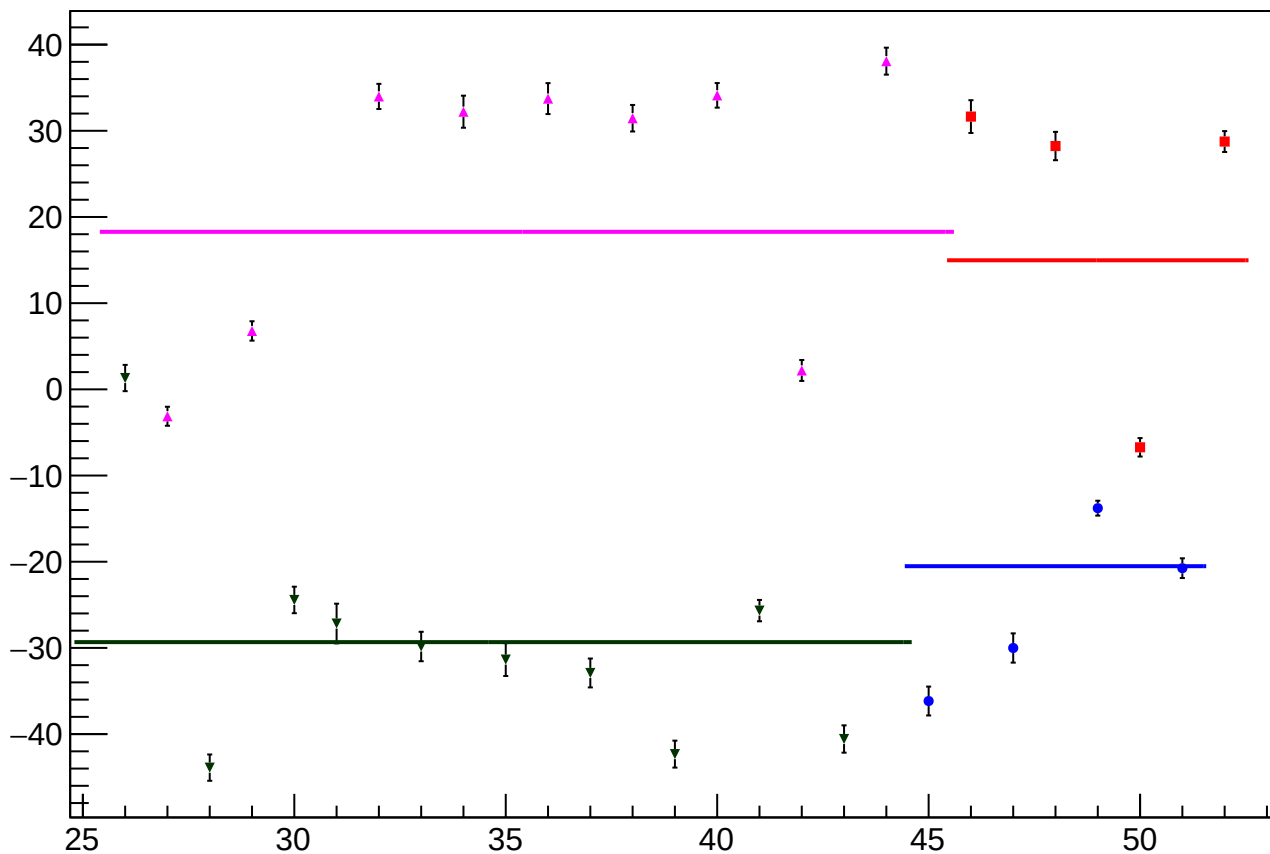
Left Out: 99.566 $\pm$ 0.067 χ^2/NDF : 14211.8/9

2.569 $\pm$ 0.038 χ^2/NDF : 7246299.8/26

Right Out: -102.115 $\pm$ 0.096 χ^2/NDF : 18278.4/3

Left In: -102.409 $\pm$ 0.066 χ^2/NDF : 12175.8/8

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -20.519 ± 0.597 χ^2/NDF : 179.4/3

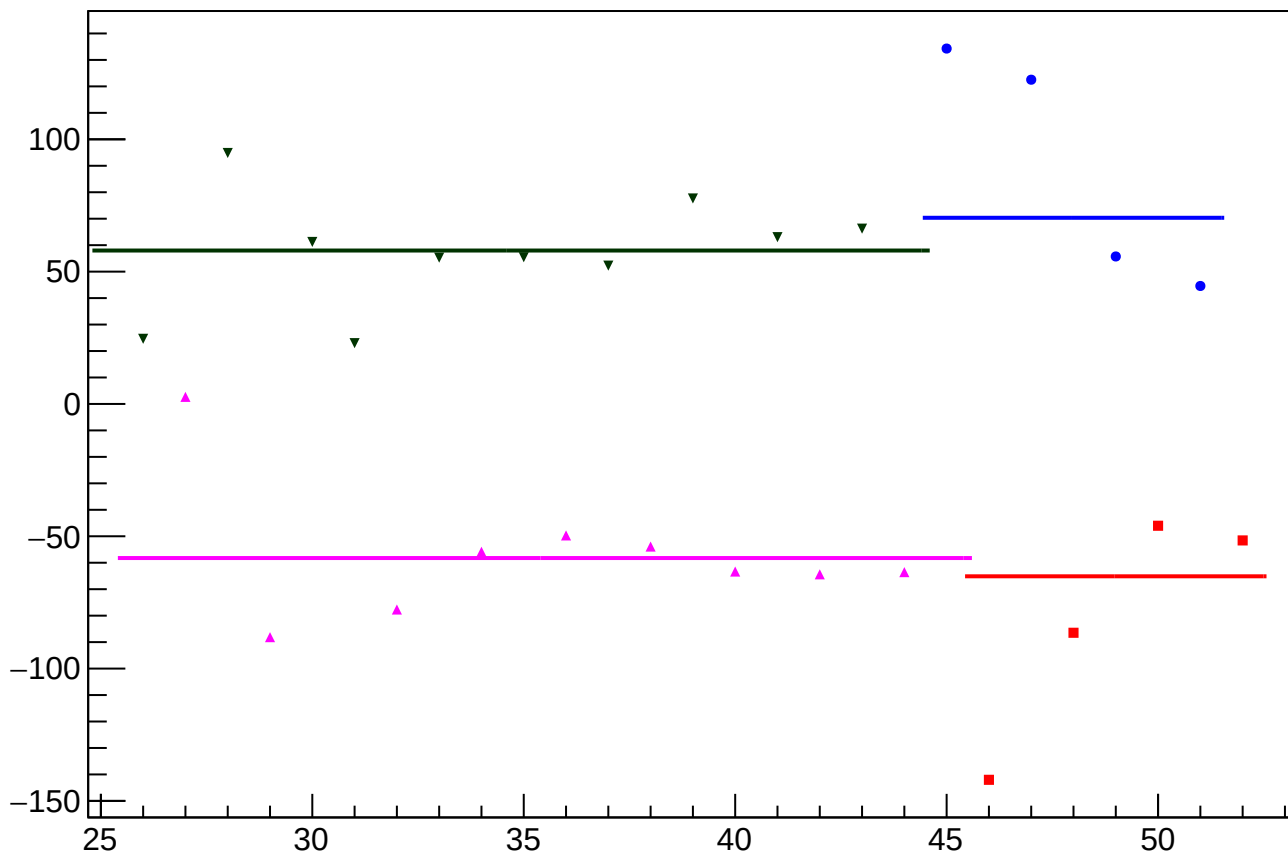
Left Out: -29.328 ± 0.506 χ^2/NDF : 640.3/9

Right Out: 14.974 ± 0.674 χ^2/NDF : 681.8/3

Left In: 18.278 ± 0.462 χ^2/NDF : 1258.8/8

-3.949 ± 0.271 χ^2/NDF : 9147.0/26

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 70.349+/-0.115 χ^2/NDF : 83146.6/3

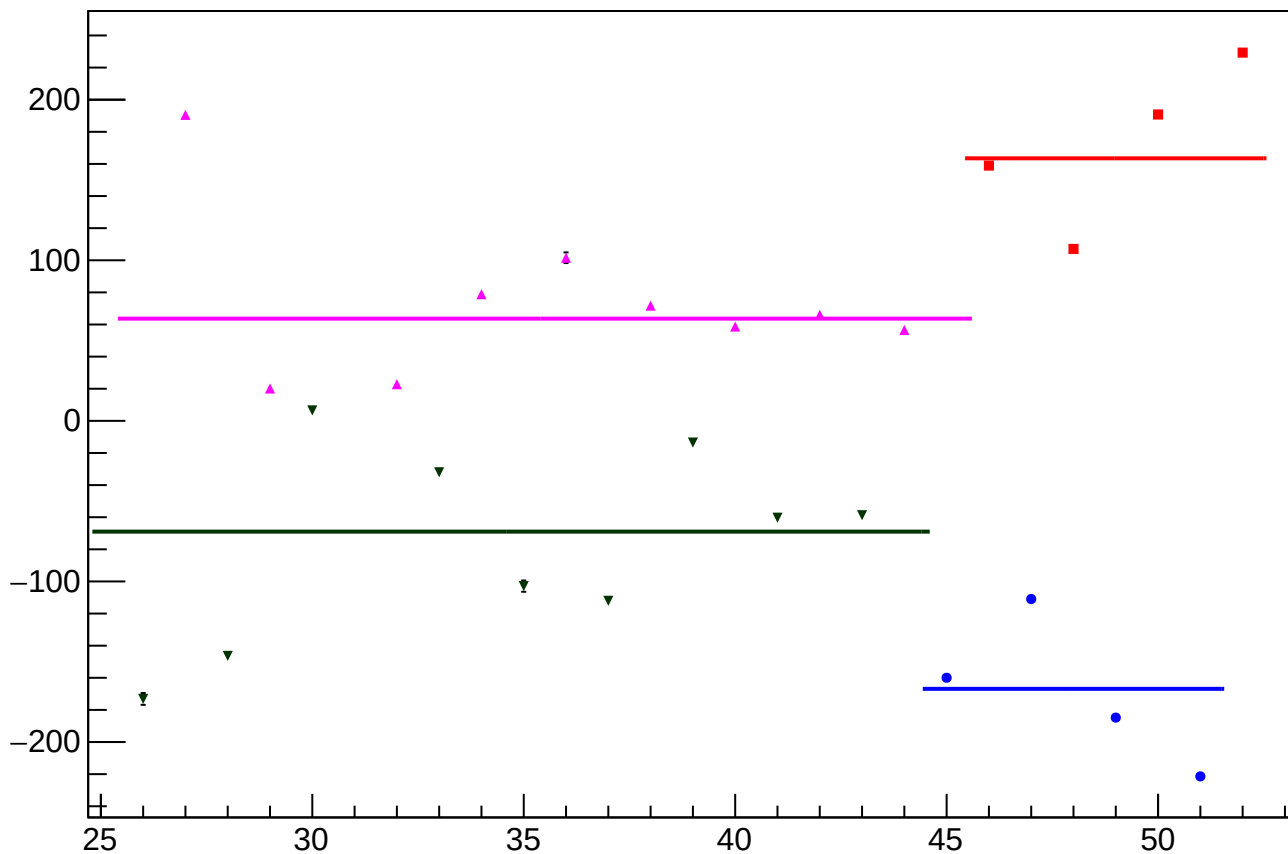
Left Out: 57.976+/-0.092 χ^2/NDF : 48326.9/9

3.810+/-0.052 χ^2/NDF : 1688071.3/26

Right Out: -65.130+/-0.120 χ^2/NDF : 61794.1/3

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 χ^2/NDF : 1126.2/3

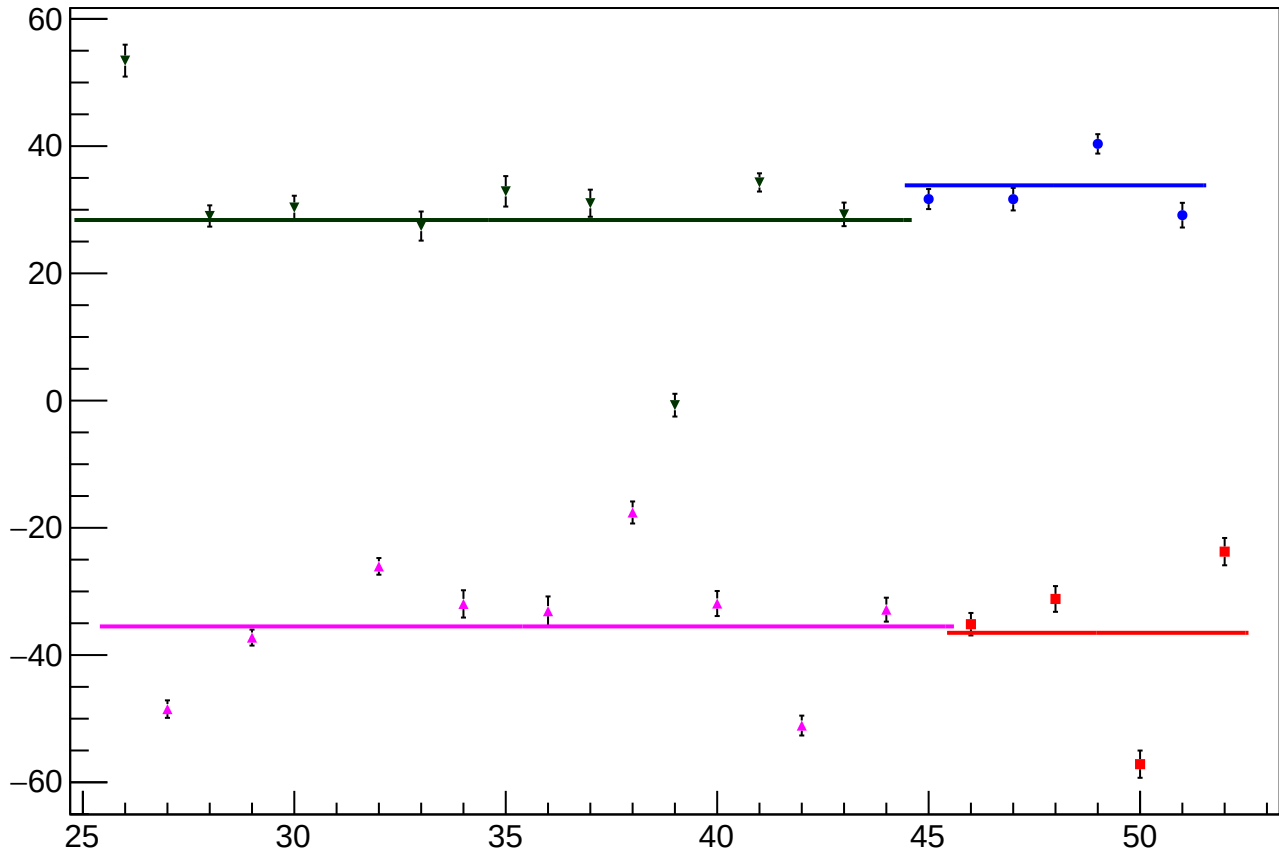
Left Out: -68.974+/-0.854 χ^2/NDF : 4033.6/8

-5.016+/-0.464 χ^2/NDF : 63953.9/25

Right Out: 163.495+/-1.320 χ^2/NDF : 1096.4/3

Left In: 63.663+/-0.734 χ^2/NDF : 4921.5/8

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 33.834+/-0.840 χ^2/NDF : 27.5/3

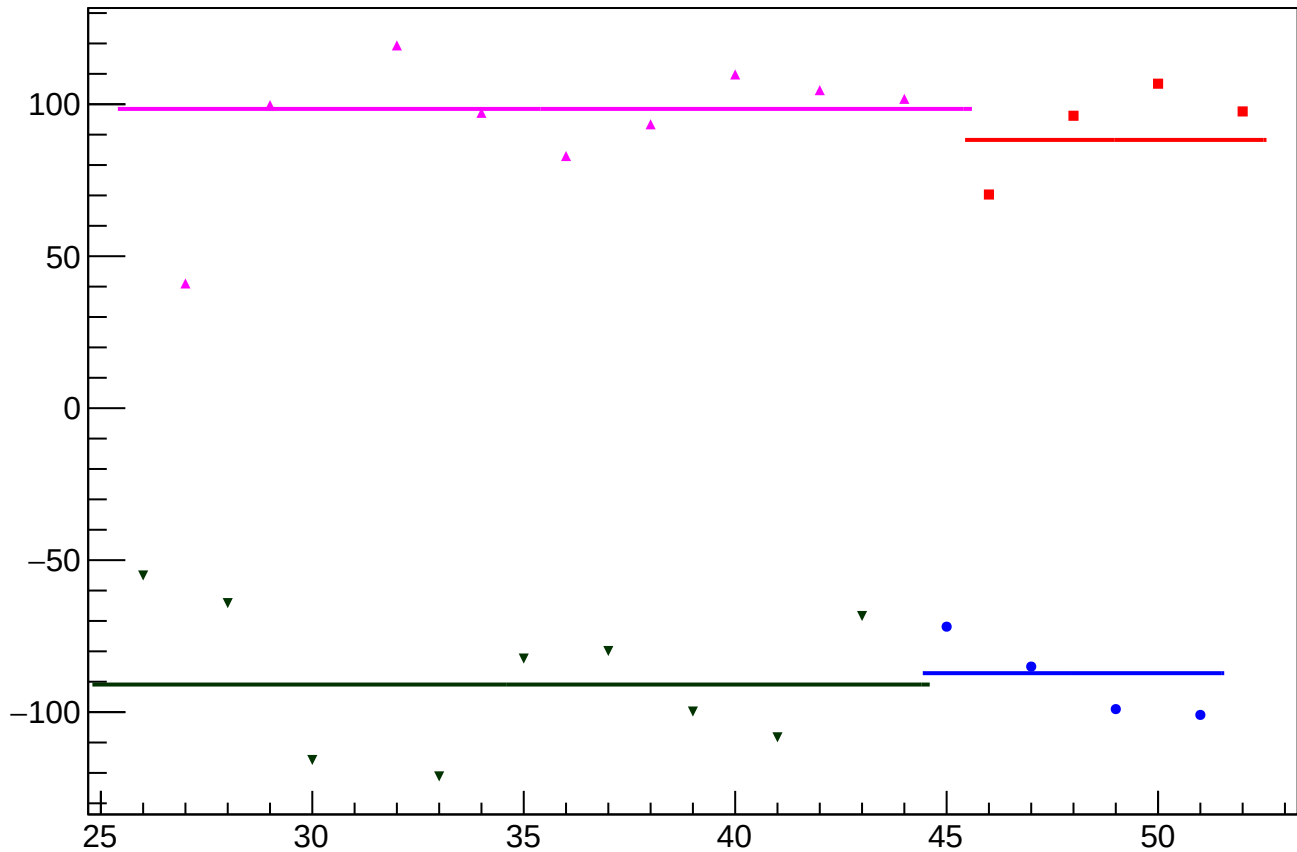
Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

Right Out: -36.501+/-1.000 χ^2/NDF : 135.8/3

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

-4.802+/-0.346 χ^2/NDF : 9999.1/25

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -87.185 ± 0.194 χ^2/NDF : 3732.6/3

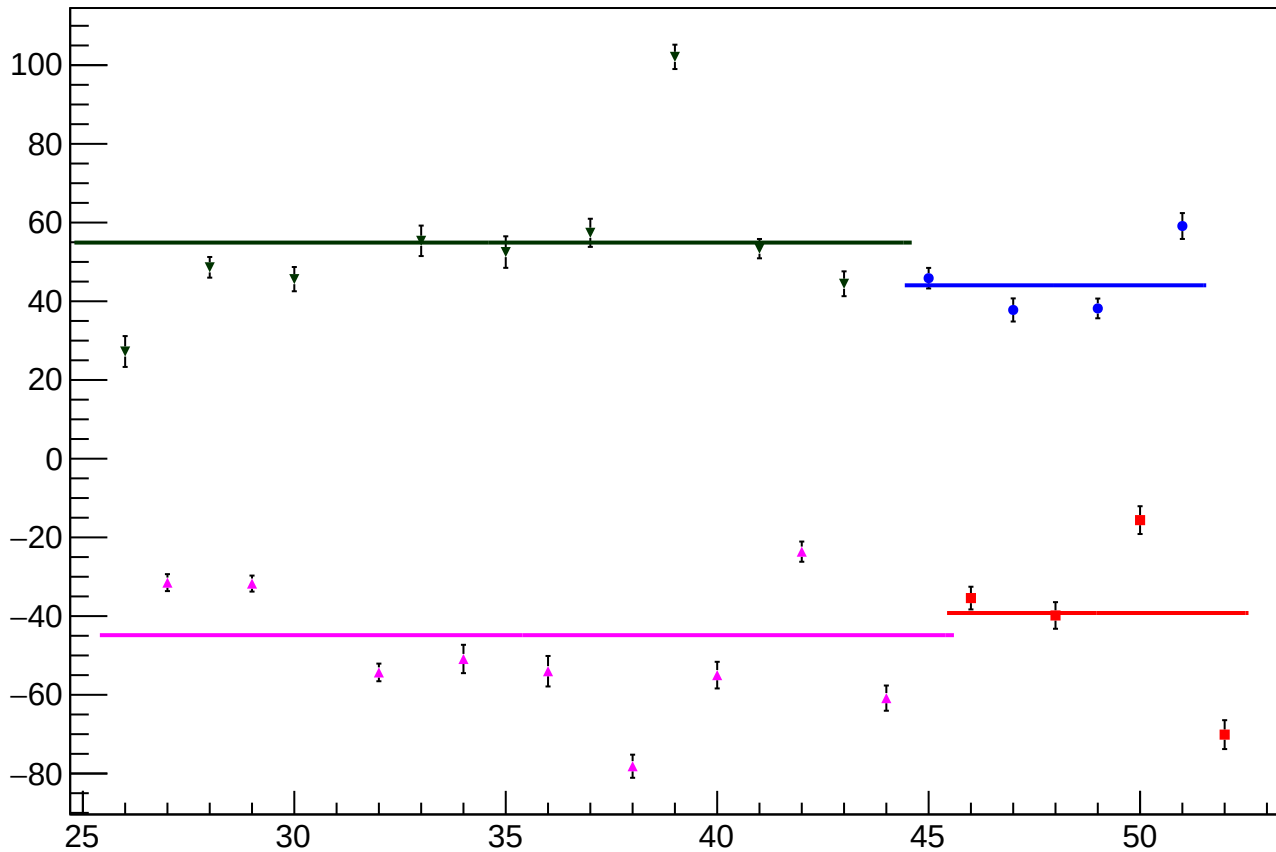
Left Out: -90.923 ± 0.142 χ^2/NDF : 23966.6/8

Right Out: 88.264 ± 0.224 χ^2/NDF : 4286.9/3

Left In: 98.464 ± 0.125 χ^2/NDF : 31724.1/8

8.061 ± 0.079 χ^2/NDF : 1443250.5/25

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 44.056+/-1.395 χ^2/NDF : 31.5/3

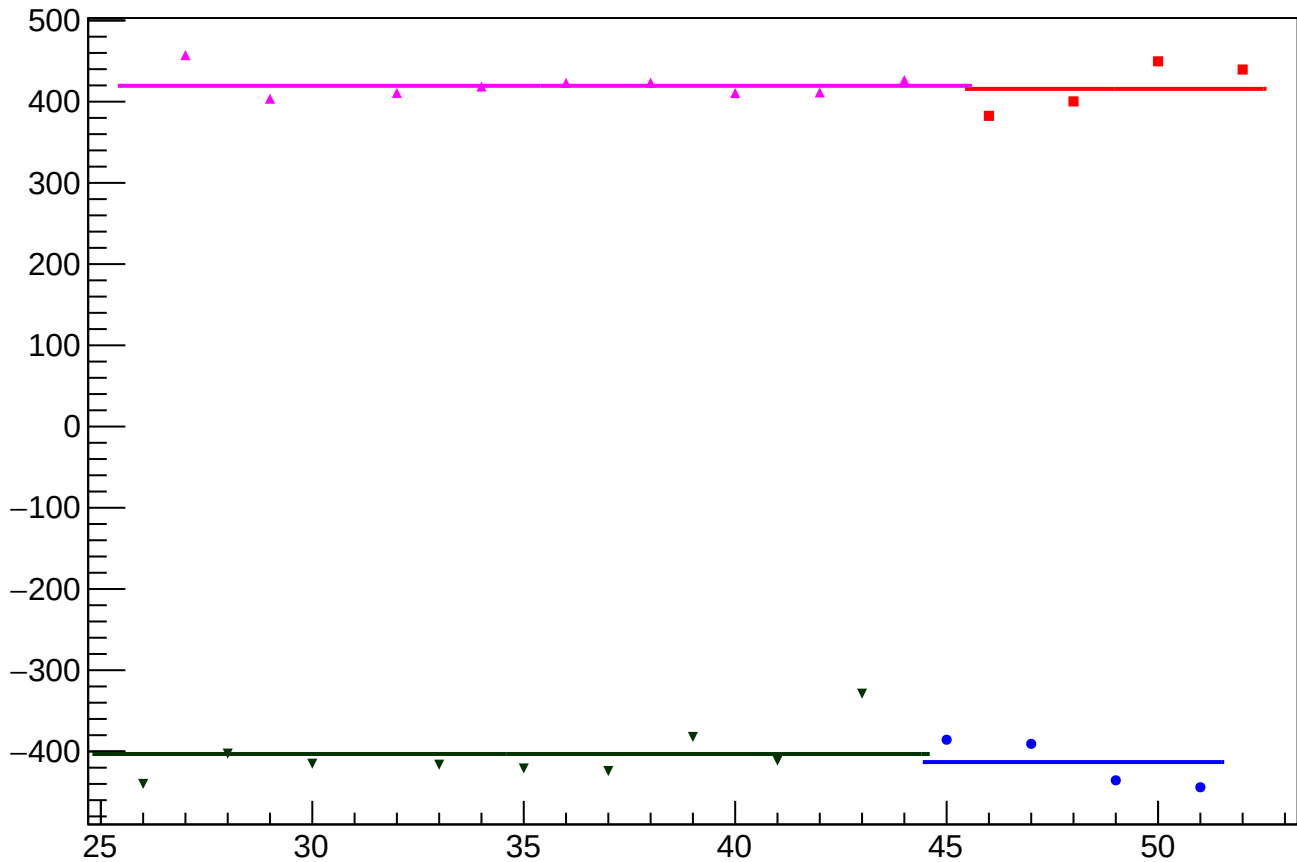
Left Out: 54.915+/-1.058 χ^2/NDF : 309.2/8

Right Out: -39.212+/-1.661 χ^2/NDF : 117.3/3

Left In: -44.844+/-0.893 χ^2/NDF : 337.0/8

0.435+/-0.575 χ^2/NDF : 7561.7/25

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -413.095+/-0.273 χ^2/NDF : 8773.3/3

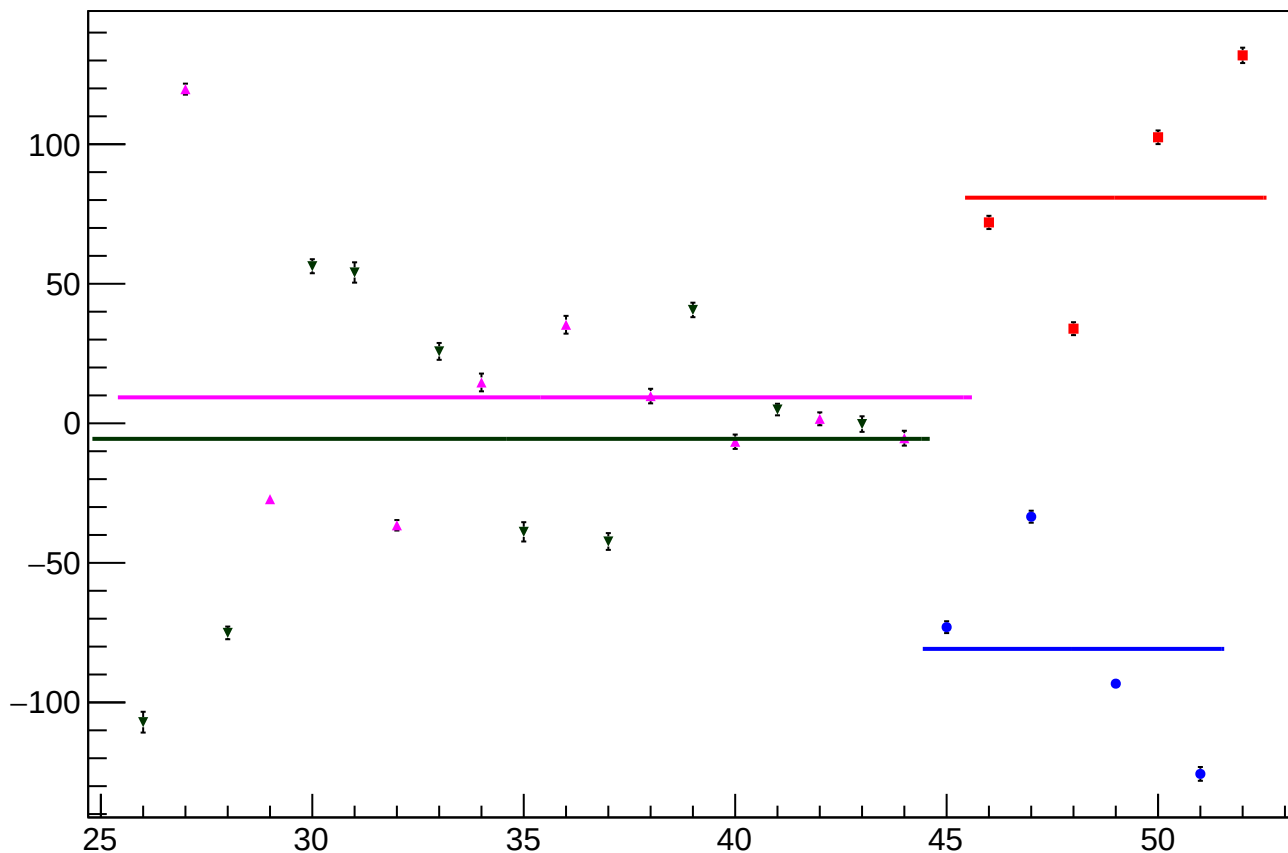
Left Out: -403.123+/-0.196 χ^2/NDF : 24564.7/8

Right Out: 415.772+/-0.308 χ^2/NDF : 8244.9/3

Left In: 419.518+/-0.188 χ^2/NDF : 6841.4/8

1.948+/-0.113 χ^2/NDF : 13352120.3/25

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -80.819 ± 1.014 $\chi^2/\text{NDF}: 883.1/3$

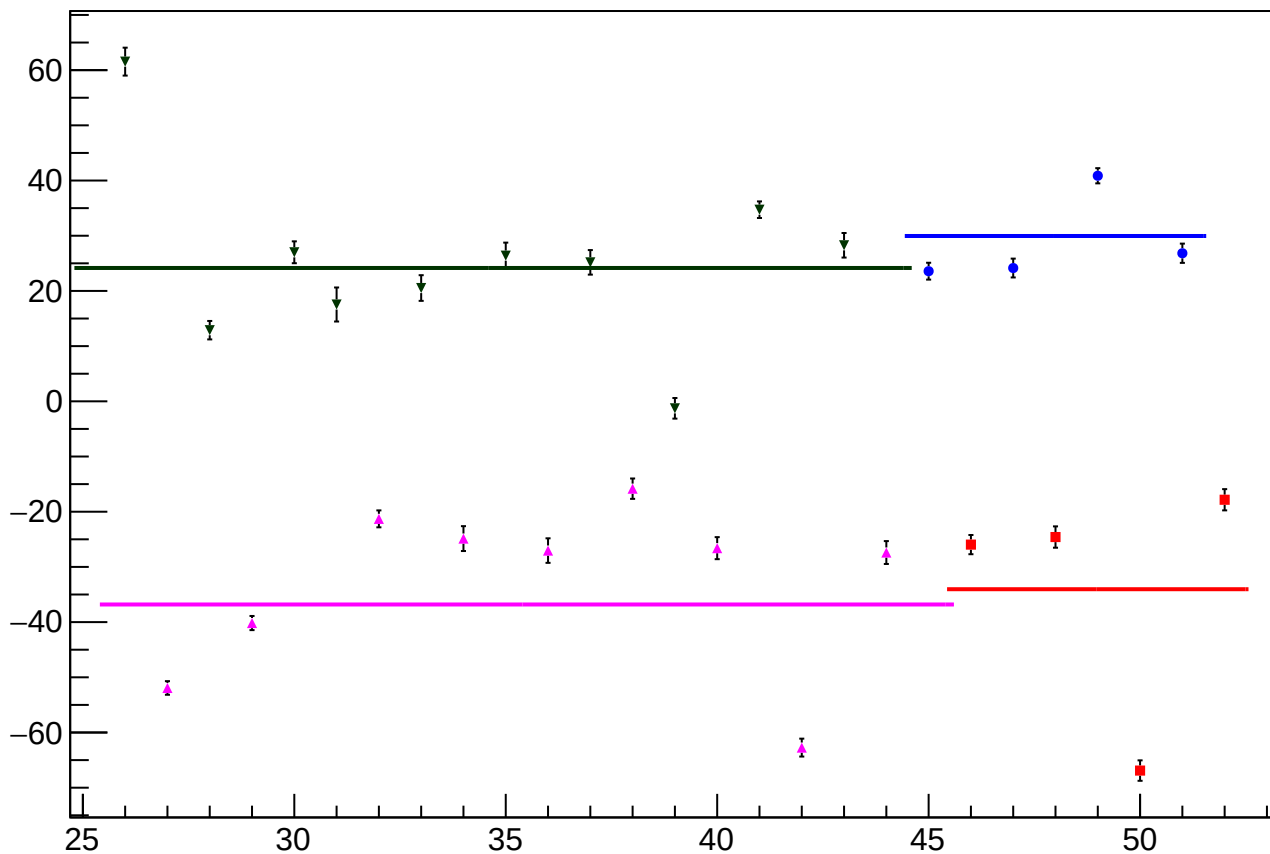
Left Out: -5.564 ± 0.873 $\chi^2/\text{NDF}: 3249.0/9$

Right Out: 80.845 ± 1.227 $\chi^2/\text{NDF}: 846.0/3$

Left In: 9.304 ± 0.765 $\chi^2/\text{NDF}: 4334.5/8$

-3.521 ± 0.463 $\chi^2/\text{NDF}: 20137.8/26$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 29.954+/-0.784 χ^2/NDF : 95.0/3

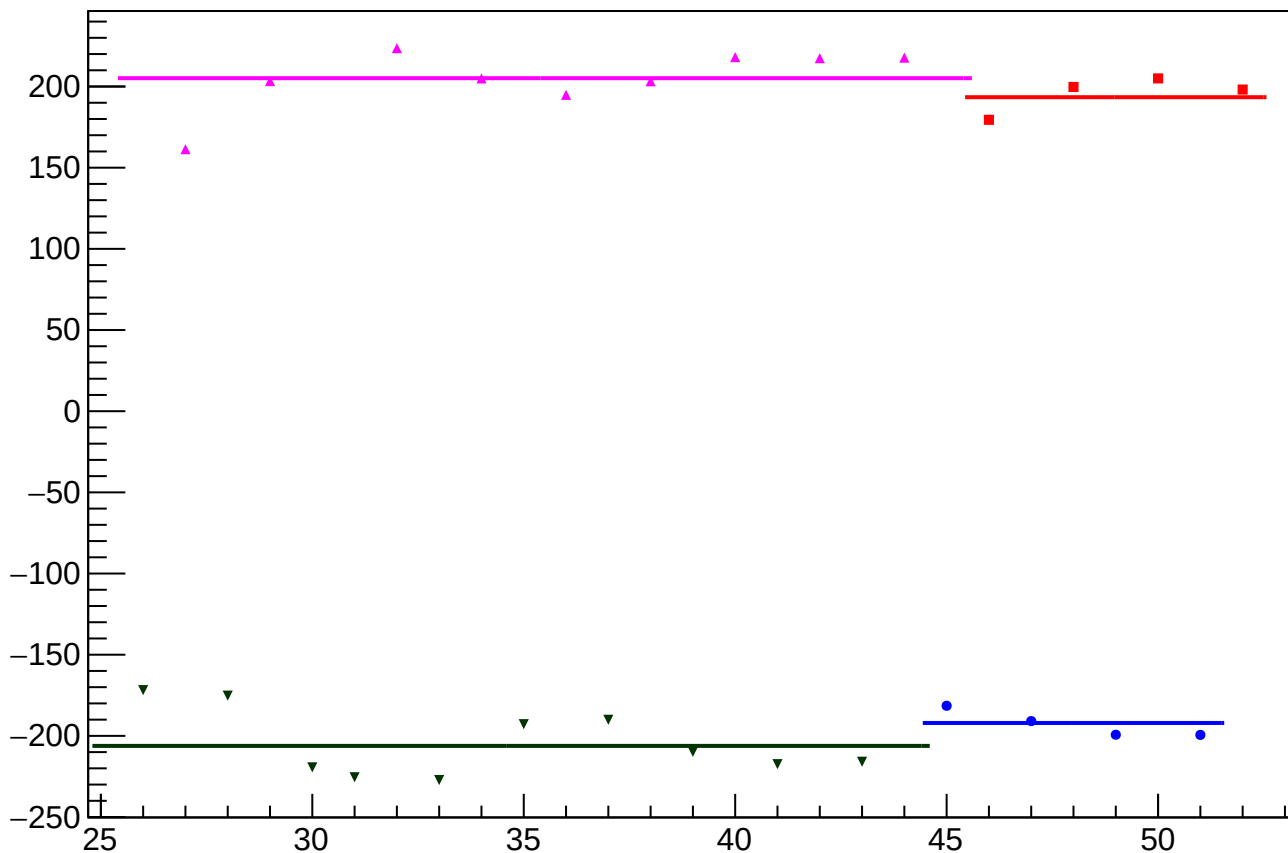
Left Out: 24.159+/-0.649 χ^2/NDF : 512.4/9

-6.298+/-0.345 χ^2/NDF : 10034.6/26

Right Out: -34.040+/-0.929 χ^2/NDF : 431.1/3

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

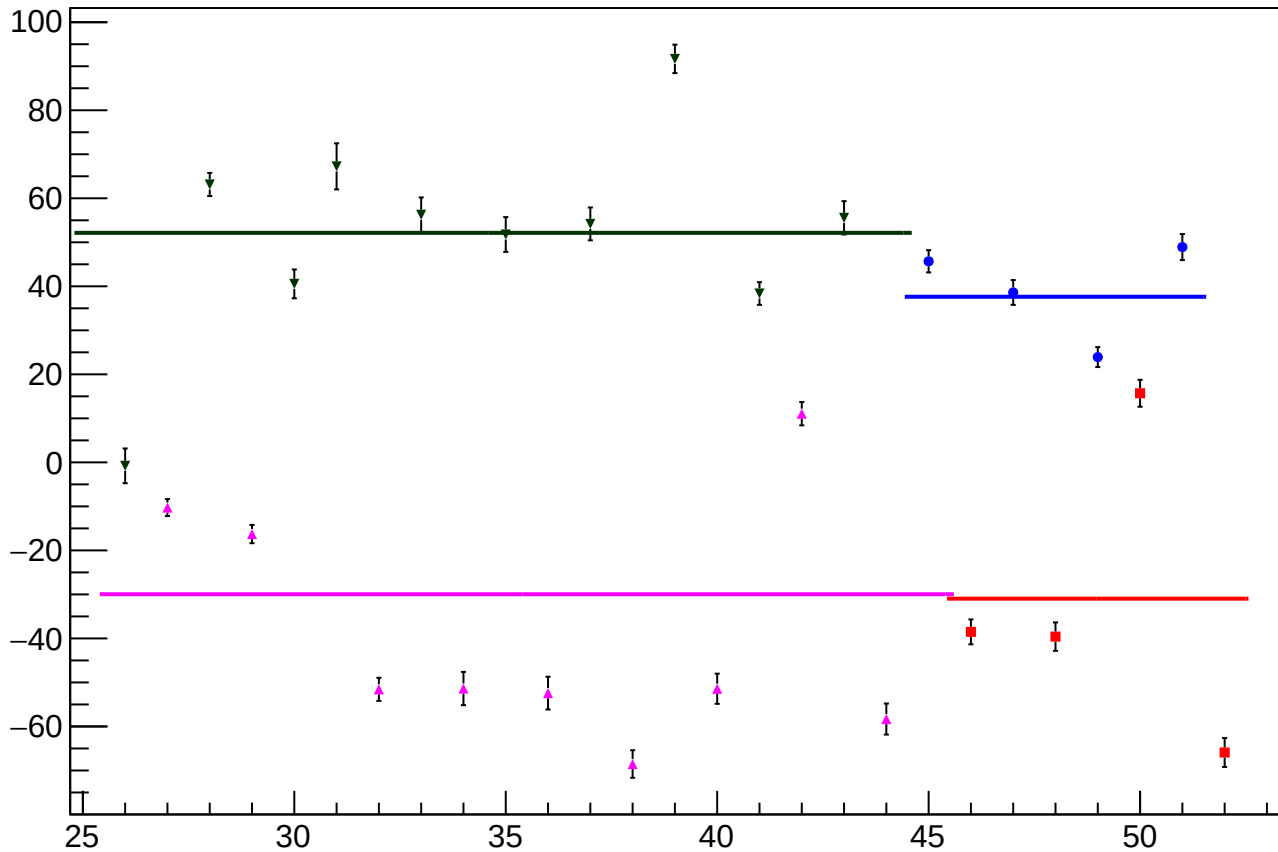
Left Out: -206.170+/-0.144 χ^2/NDF : 16992.5/9

Right Out: 193.420+/-0.210 χ^2/NDF : 2465.9/3

Left In: 205.134+/-0.132 χ^2/NDF : 22564.1/8

2.947+/-0.079 χ^2/NDF : 6483687.4/26

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 37.626+/-1.301 χ^2/NDF : 61.5/3

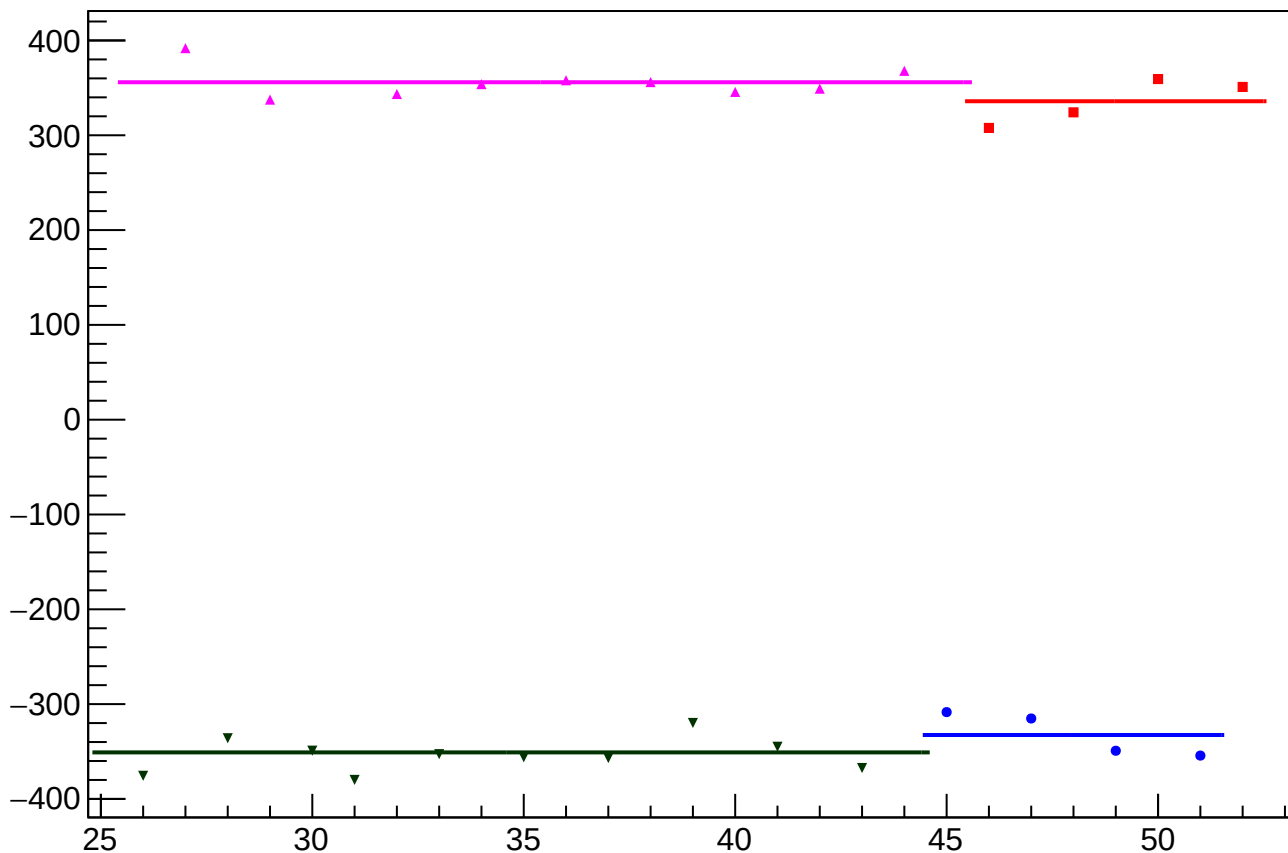
Left Out: 52.148+/-1.081 χ^2/NDF : 398.7/9

5.854+/-0.571 χ^2/NDF : 6138.2/26

Right Out: -30.969+/-1.542 χ^2/NDF : 360.6/3

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

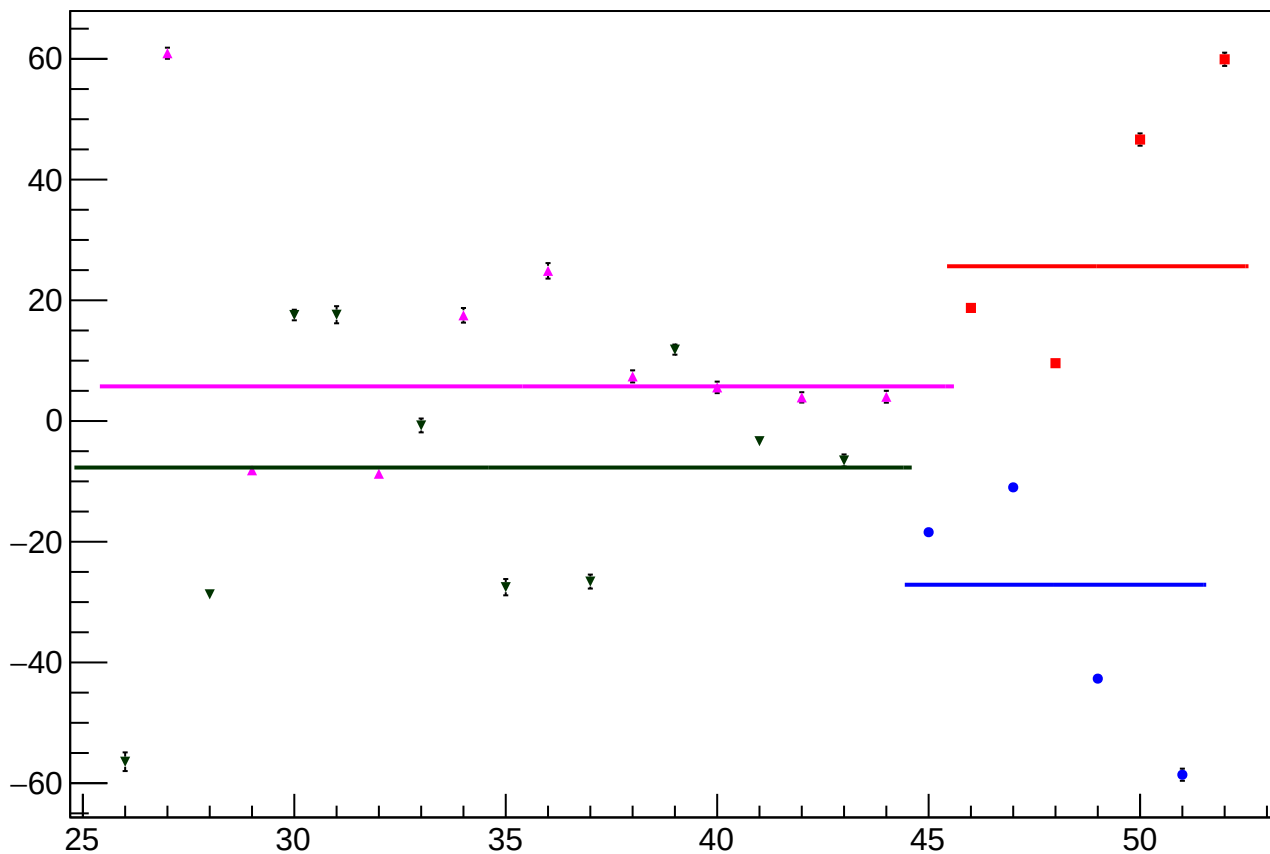
Left Out: -350.928 ± 0.200 χ^2/NDF : 6500.1/9

Right Out: 335.898 ± 0.284 χ^2/NDF : 5425.1/3

Left In: 355.932 ± 0.194 χ^2/NDF : 7933.3/8

-4.462 ± 0.112 χ^2/NDF : 9594489.8/26

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -27.123 ± 0.333 χ^2/NDF : 2426.6/3

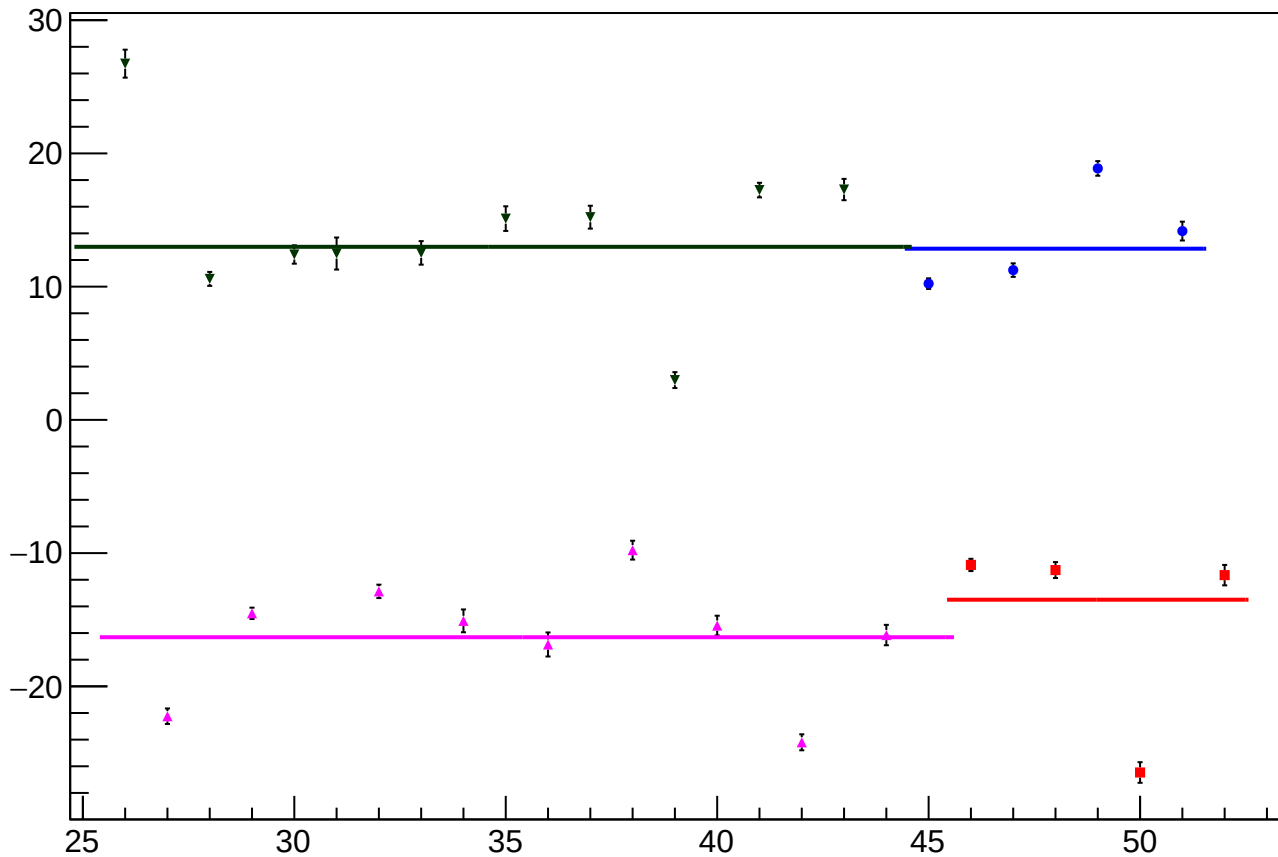
Left Out: -7.705 ± 0.310 χ^2/NDF : 4119.2/9

Right Out: 25.641 ± 0.400 χ^2/NDF : 2018.1/3

Left In: 5.740 ± 0.280 χ^2/NDF : 5095.7/8

-2.366 ± 0.161 χ^2/NDF : 25234.6/26

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.848+/-0.254 χ^2/NDF : 177.2/3

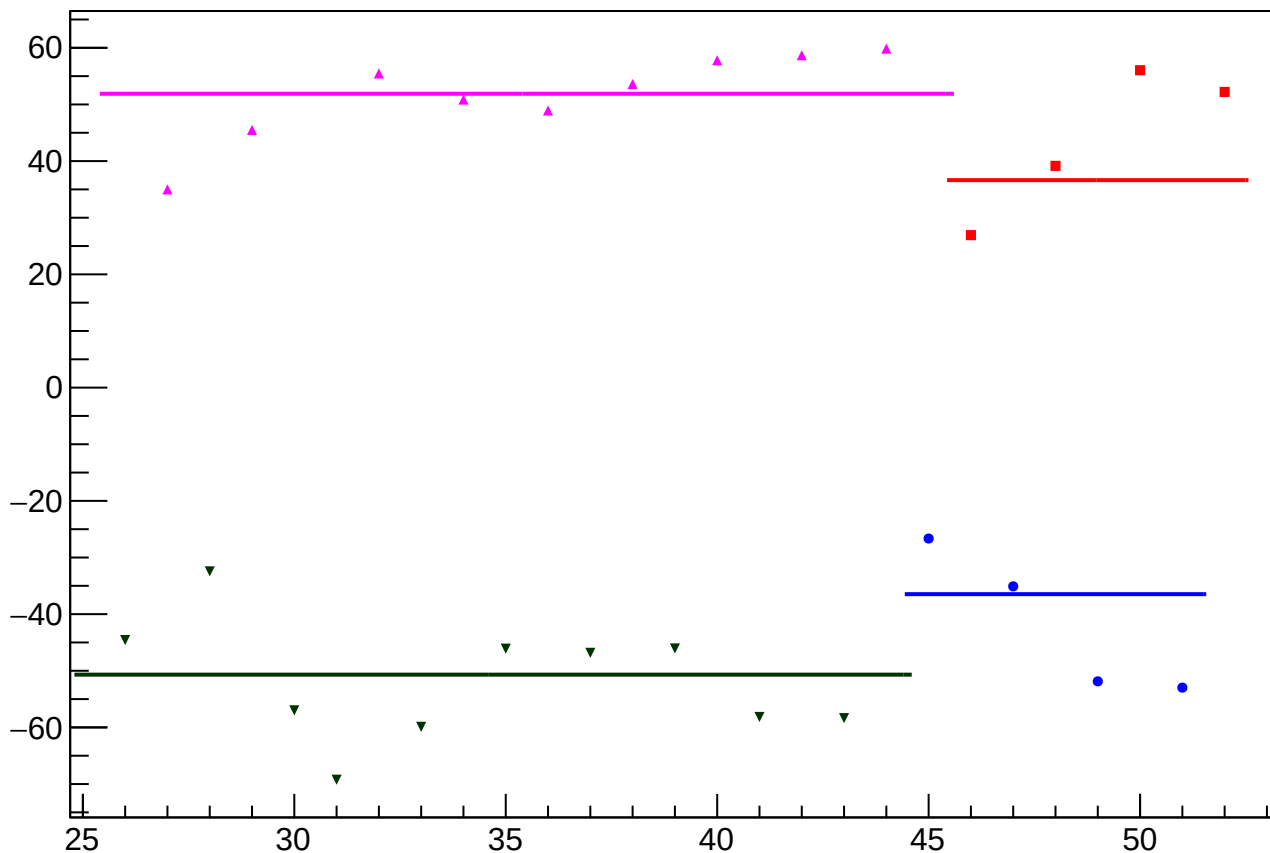
Left Out: 12.989+/-0.230 χ^2/NDF : 575.2/9

Right Out: -13.497+/-0.303 χ^2/NDF : 332.9/3

Left In: -16.313+/-0.207 χ^2/NDF : 430.4/8

-1.218+/-0.121 χ^2/NDF : 15331.8/26

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -36.471 ± 0.058 $\chi^2/\text{NDF}: 33958.5/3$

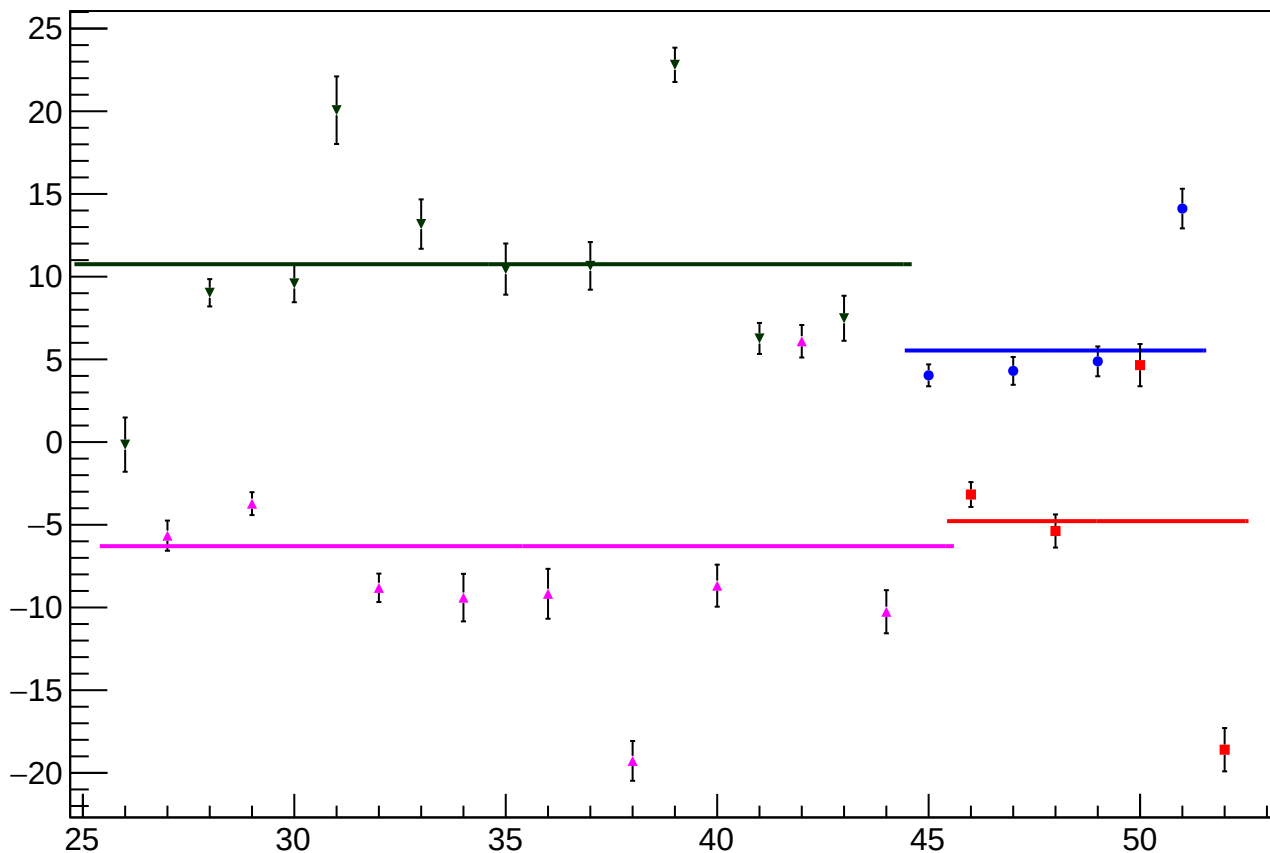
Left Out: -50.683 ± 0.051 $\chi^2/\text{NDF}: 44365.5/9$

Right Out: 36.633 ± 0.066 $\chi^2/\text{NDF}: 27622.3/3$

Left In: 51.889 ± 0.048 $\chi^2/\text{NDF}: 21653.9/8$

0.492 ± 0.027 $\chi^2/\text{NDF}: 2980469.0/26$

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 5.537 $\pm$ 0.422 χ^2 /NDF: 59.1/3

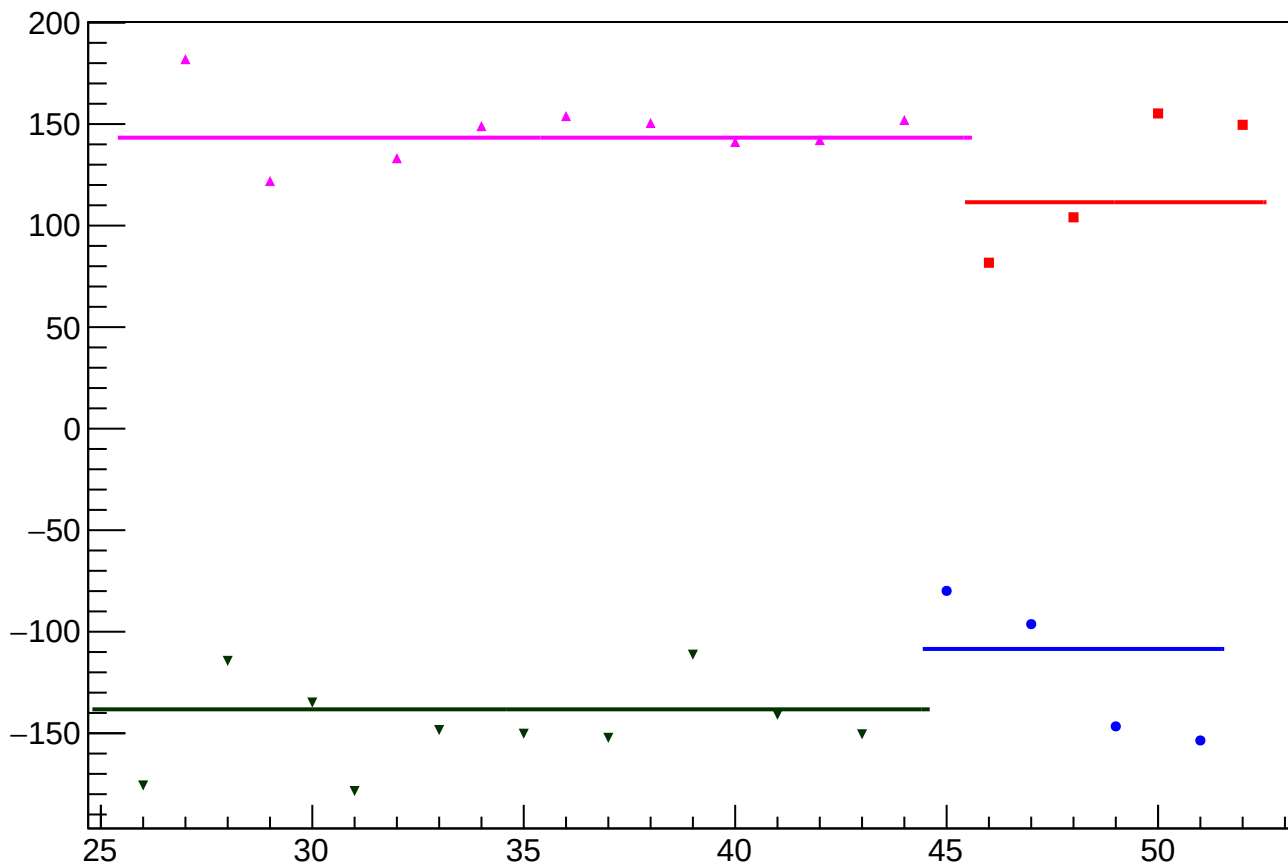
Left Out: 10.754 $\pm$ 0.383 χ^2 /NDF: 236.9/9

1.281 $\pm$ 0.200 χ^2 /NDF: 2131.5/26

Right Out: -4.779 $\pm$ 0.502 χ^2 /NDF: 170.7/3

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

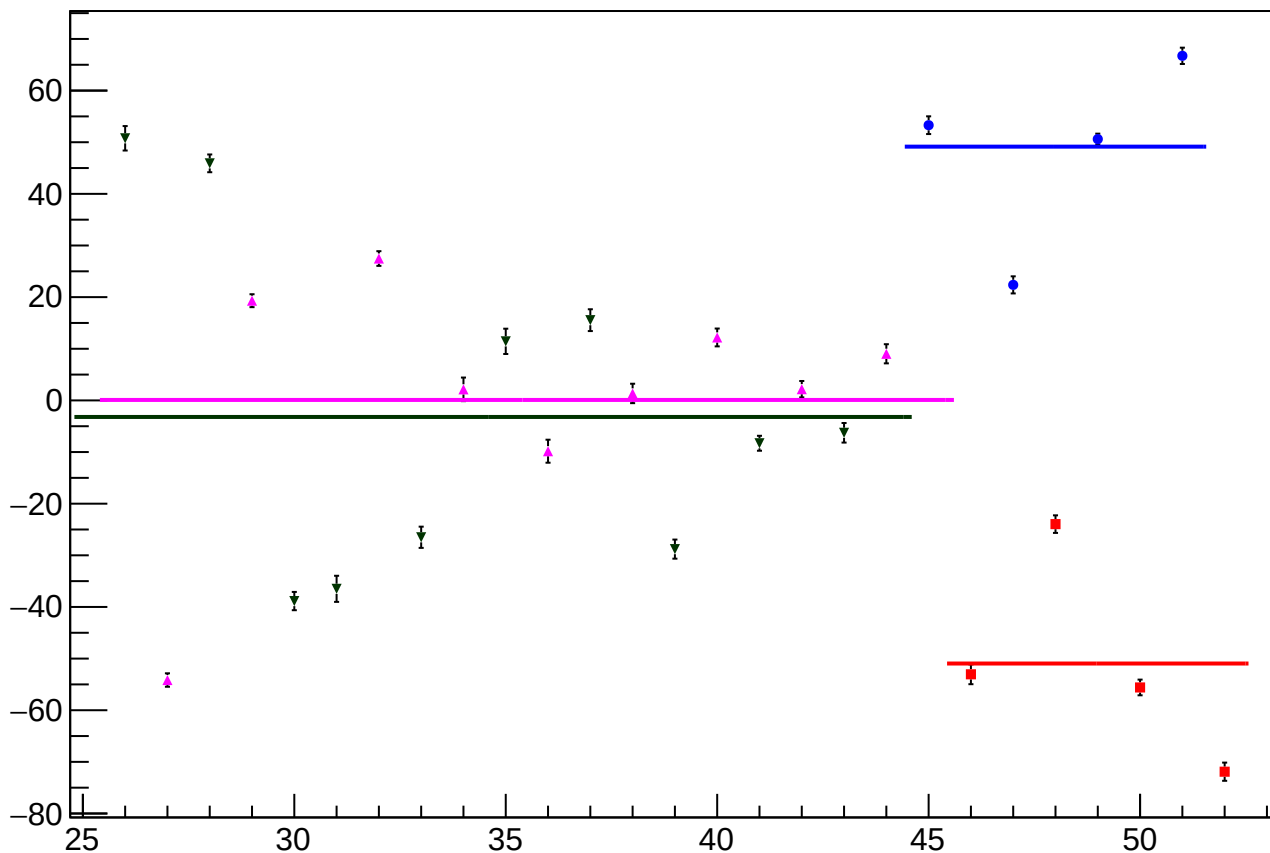
Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

-4.244+/-0.039 χ^2/NDF : 11142258.9/26

Right Out: 111.502+/-0.095 χ^2/NDF : 106296.1/3

Left In: 143.304+/-0.072 χ^2/NDF : 54954.0/8

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 49.145+/-0.707 χ^2/NDF : 393.2/3

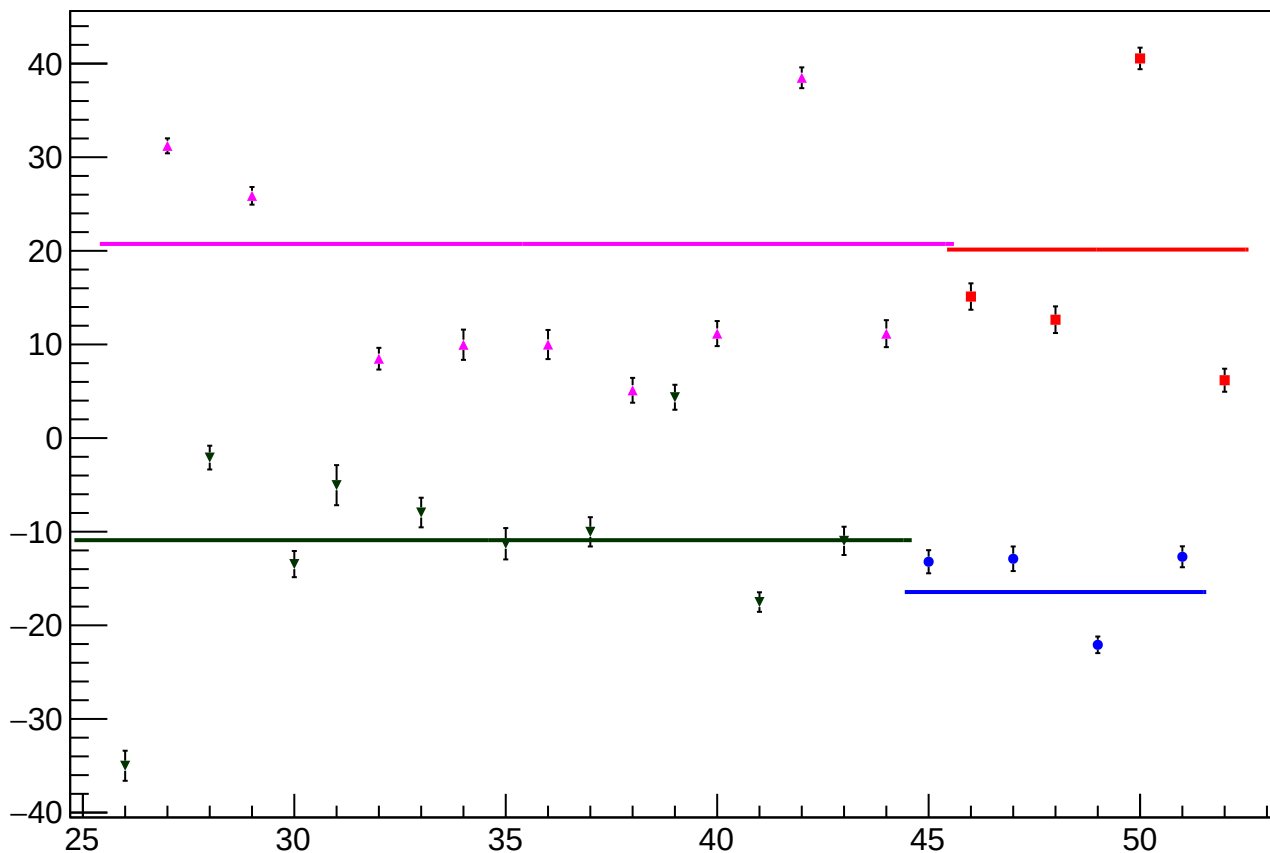
Left Out: -3.205+/-0.612 χ^2/NDF : 2363.4/9

2.131+/-0.325 χ^2/NDF : 13983.4/26

Right Out: -50.955+/-0.853 χ^2/NDF : 403.6/3

Left In: 0.090+/-0.541 χ^2/NDF : 2438.4/8

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -16.444 ± 0.550 $\chi^2/\text{NDF}: 66.1/3$

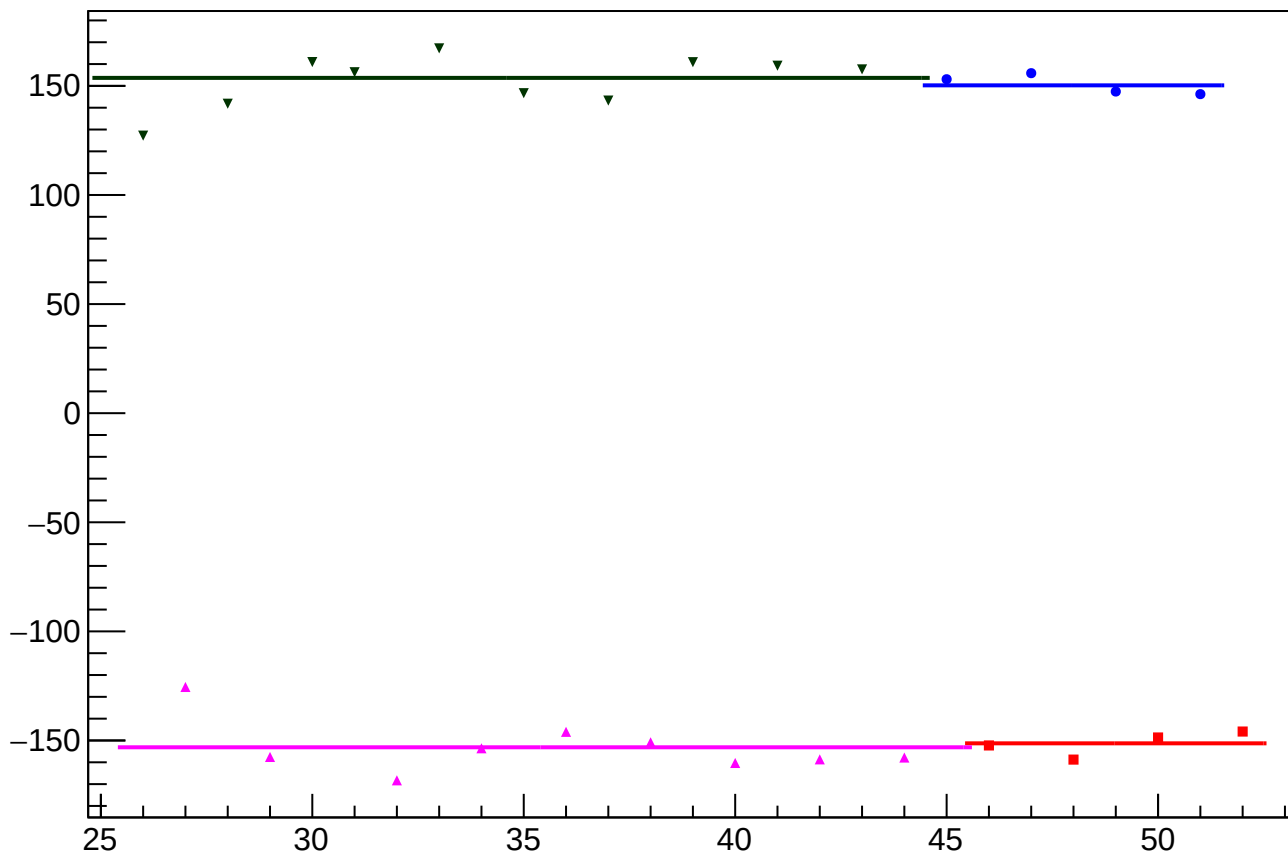
Left Out: -10.905 ± 0.455 $\chi^2/\text{NDF}: 459.2/9$

Right Out: 20.135 ± 0.644 $\chi^2/\text{NDF}: 484.3/3$

Left In: 20.737 ± 0.388 $\chi^2/\text{NDF}: 894.2/8$

4.616 ± 0.241 $\chi^2/\text{NDF}: 6841.0/26$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 150.246 $\pm$ 0.129 χ^2 /NDF: 882.7/3

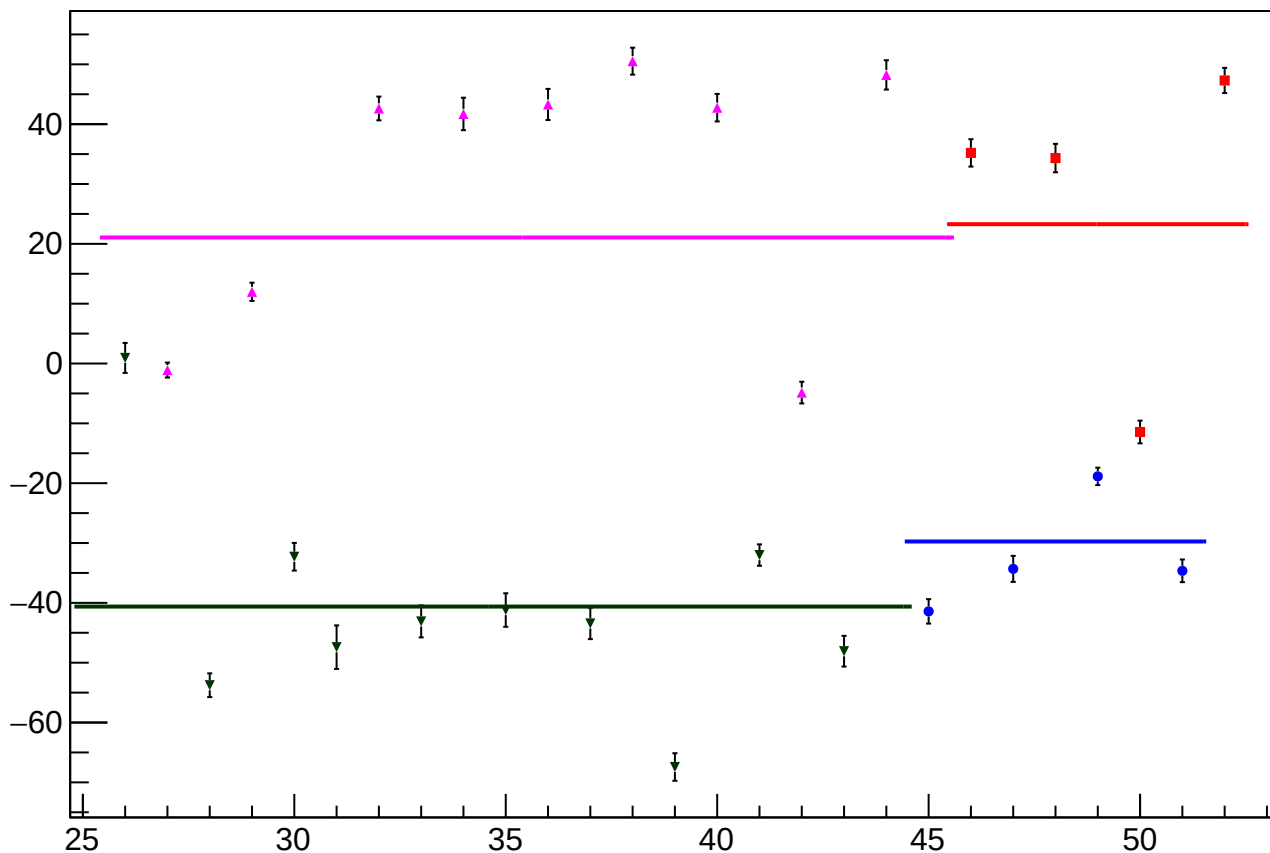
Left Out: 153.667 $\pm$ 0.101 χ^2 /NDF: 11177.1/9

-0.972 $\pm$ 0.056 χ^2 /NDF: 7438386.2/26

Right Out: -151.308 $\pm$ 0.149 χ^2 /NDF: 994.7/3

Left In: -153.122 $\pm$ 0.093 χ^2 /NDF: 20788.9/8

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -29.743 ± 0.913 $\chi^2/\text{NDF}: 99.6/3$

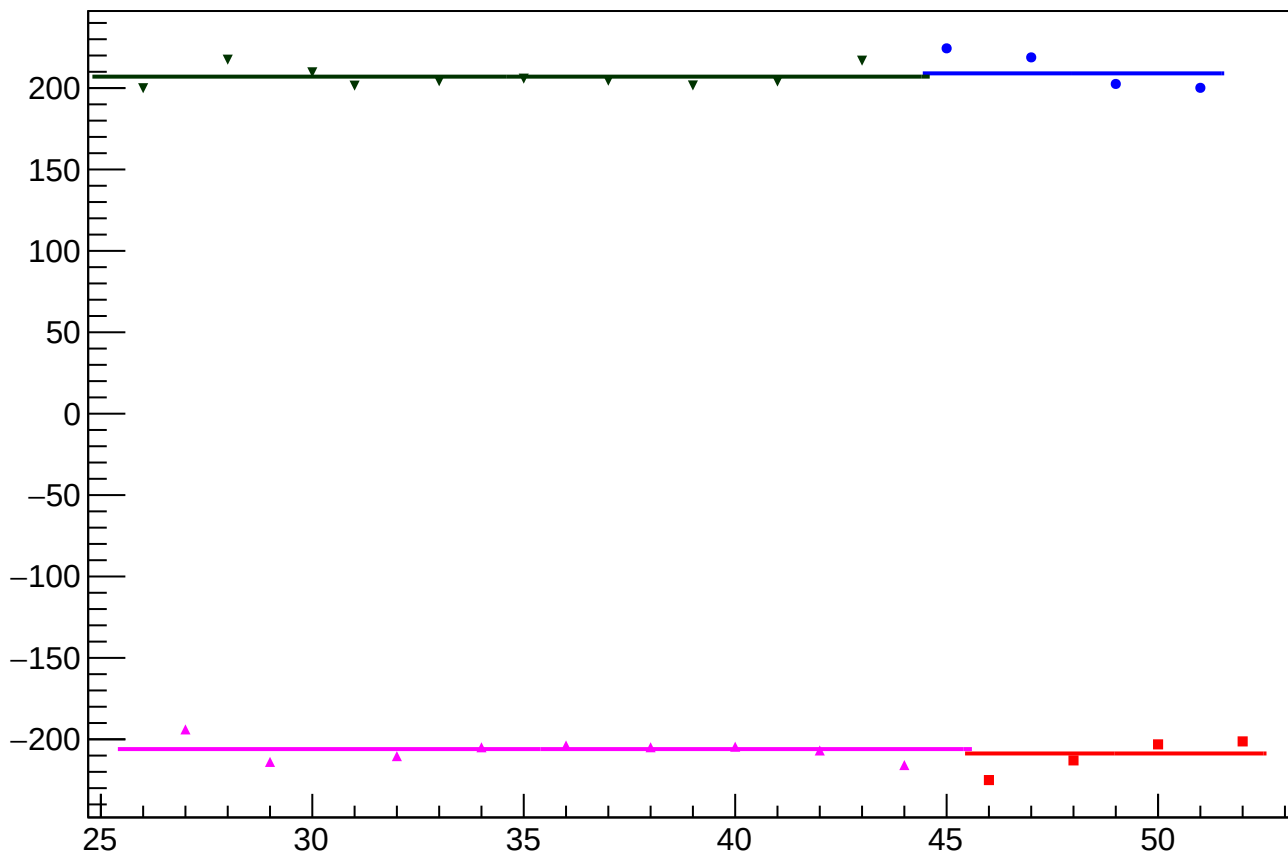
Left Out: -40.620 ± 0.758 $\chi^2/\text{NDF}: 504.2/9$

Right Out: 23.286 ± 1.071 $\chi^2/\text{NDF}: 514.7/3$

Left In: 21.059 ± 0.637 $\chi^2/\text{NDF}: 1185.8/8$

-5.443 ± 0.399 $\chi^2/\text{NDF}: 7617.9/26$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 209.033+/-0.177 χ^2/NDF : 3070.1/3

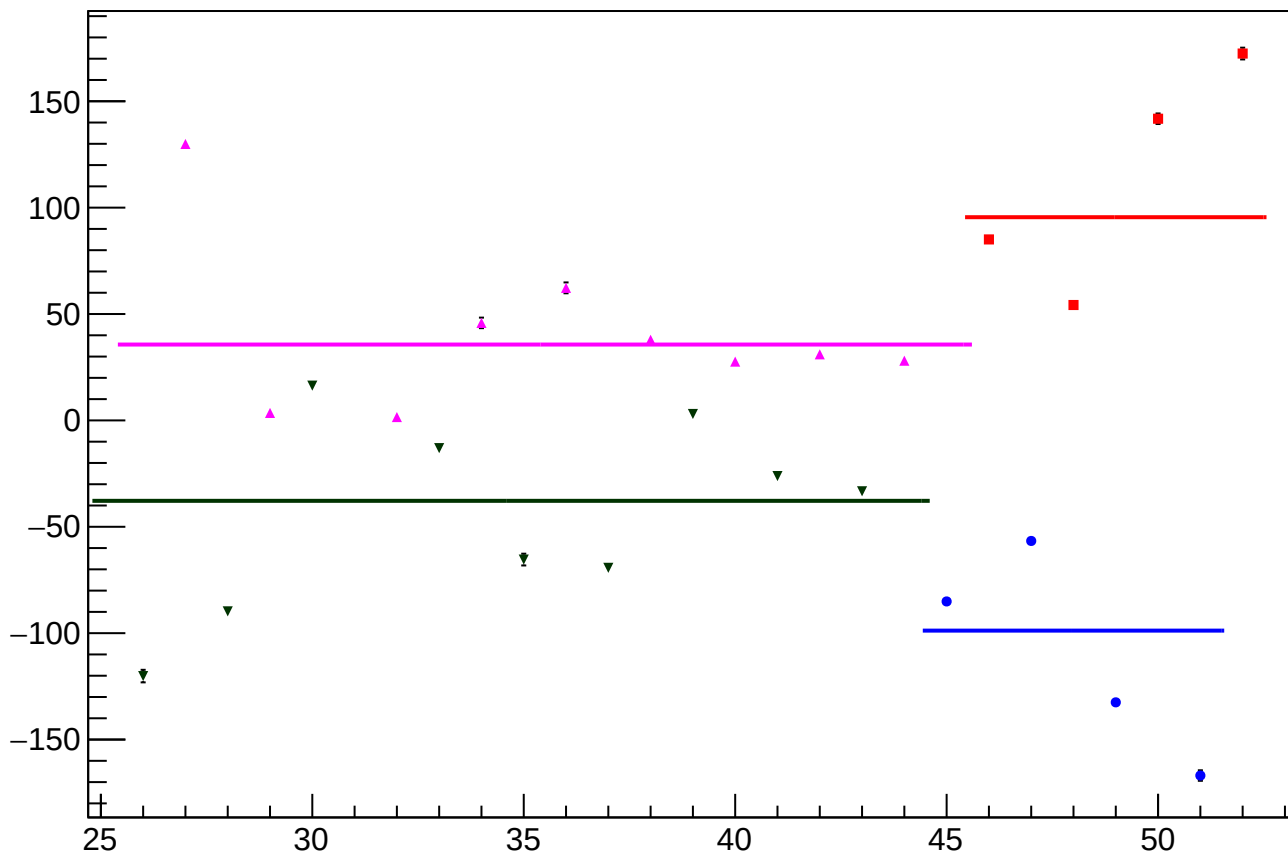
Left Out: 207.026+/-0.139 χ^2/NDF :1900.0/9

4.714+/-0.078 χ^2/NDF : 7038101.3/26

Right Out: -208.707+/-0.195 χ^2/NDF : 2089.0/3

Left In: -206.013+/-0.136 χ^2/NDF :2446.5/8

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -98.800 $\pm$ 0.835 χ^2 /NDF: 2017.5/3

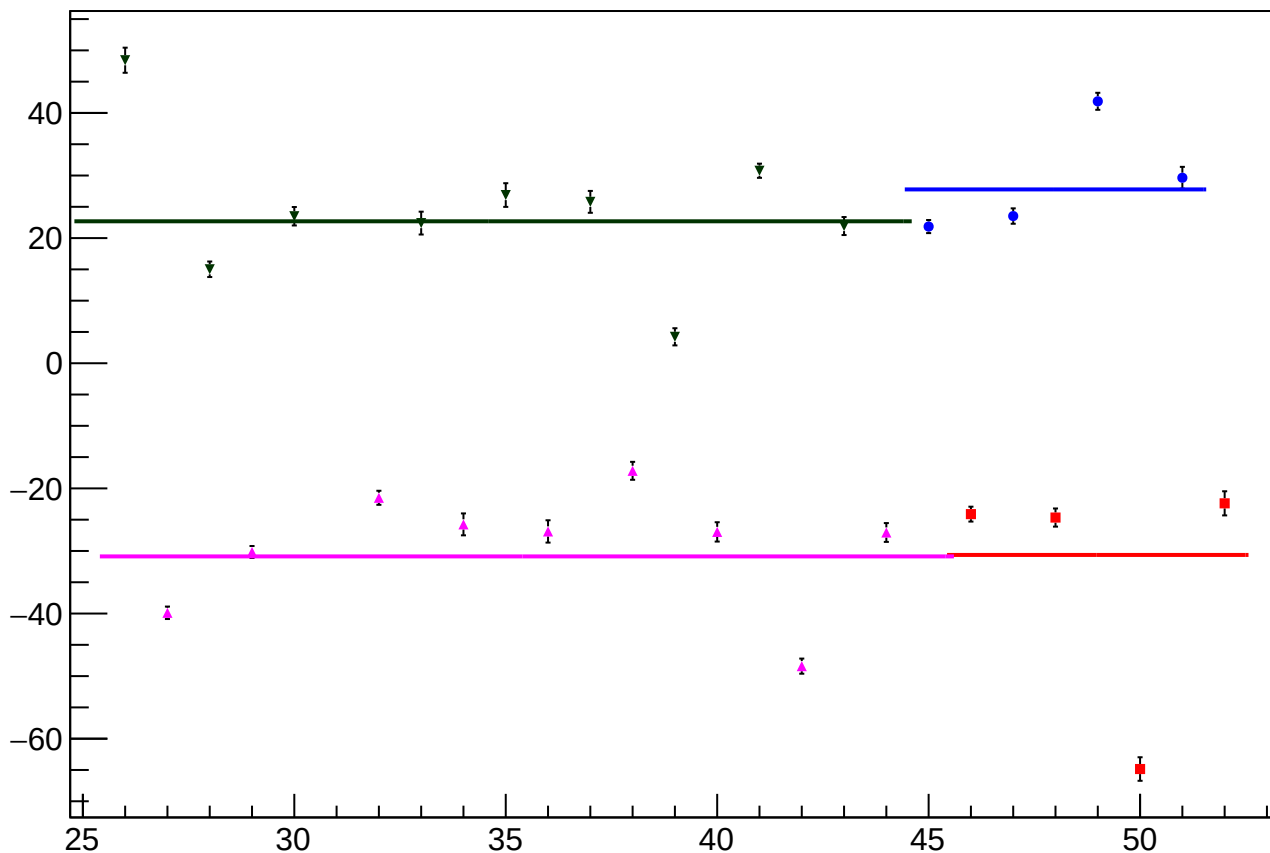
Left Out: -37.802 $\pm$ 0.670 χ^2 /NDF:3472.1/8

-3.171 $\pm$ 0.362 χ^2 /NDF: 42189.5/25

Right Out: 95.504 $\pm$ 0.998 χ^2 /NDF: 1725.9/3

Left In: 35.653 $\pm$ 0.581 χ^2 /NDF:4958.4/8

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 27.779+/-0.640 χ^2/NDF : 152.5/3

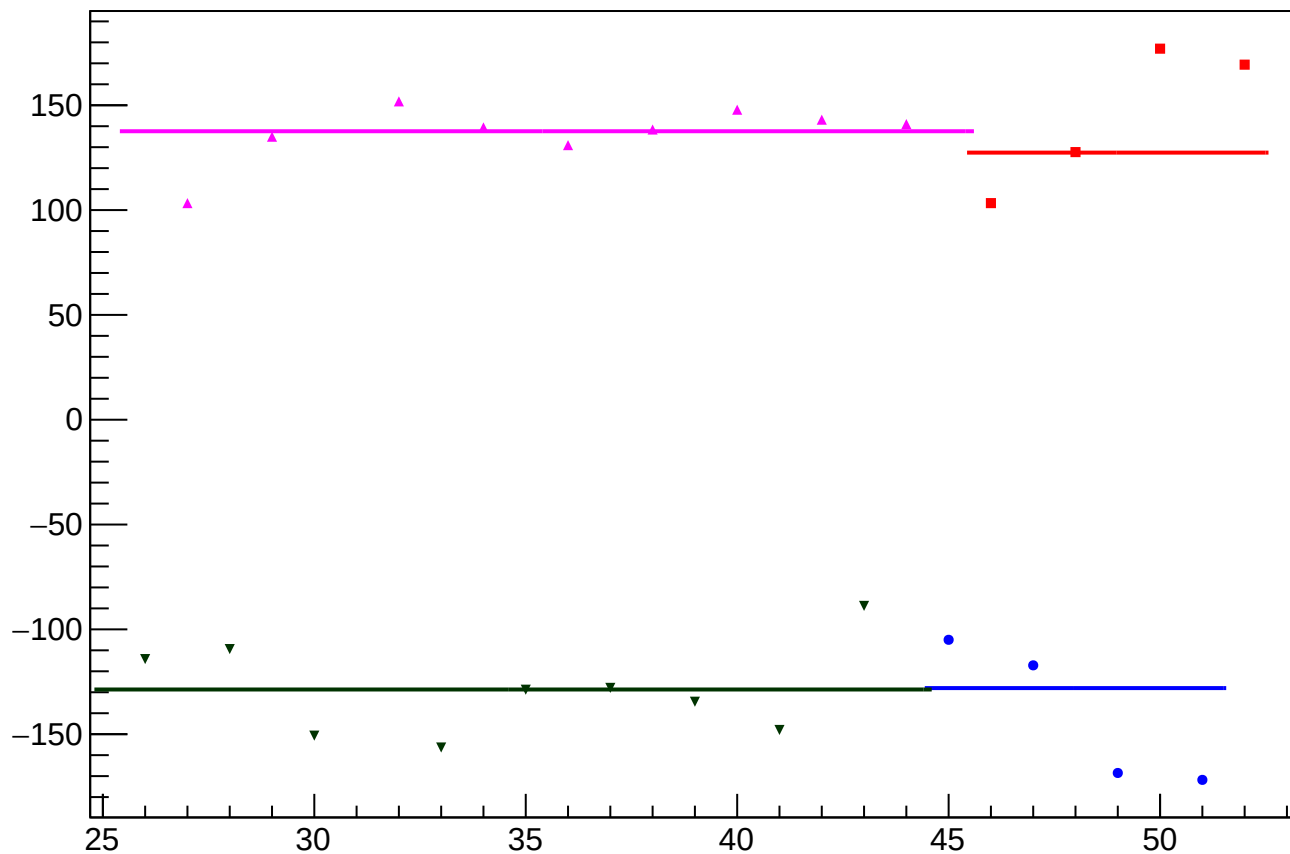
Left Out: 22.684+/-0.496 χ^2/NDF : 443.3/8

Right Out: -30.634+/-0.760 χ^2/NDF : 395.8/3

Left In: -30.869+/-0.424 χ^2/NDF : 480.3/8

-4.719+/-0.269 χ^2/NDF : 12073.5/25

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -128.012+/-0.145 χ^2/NDF : 36130.7/3

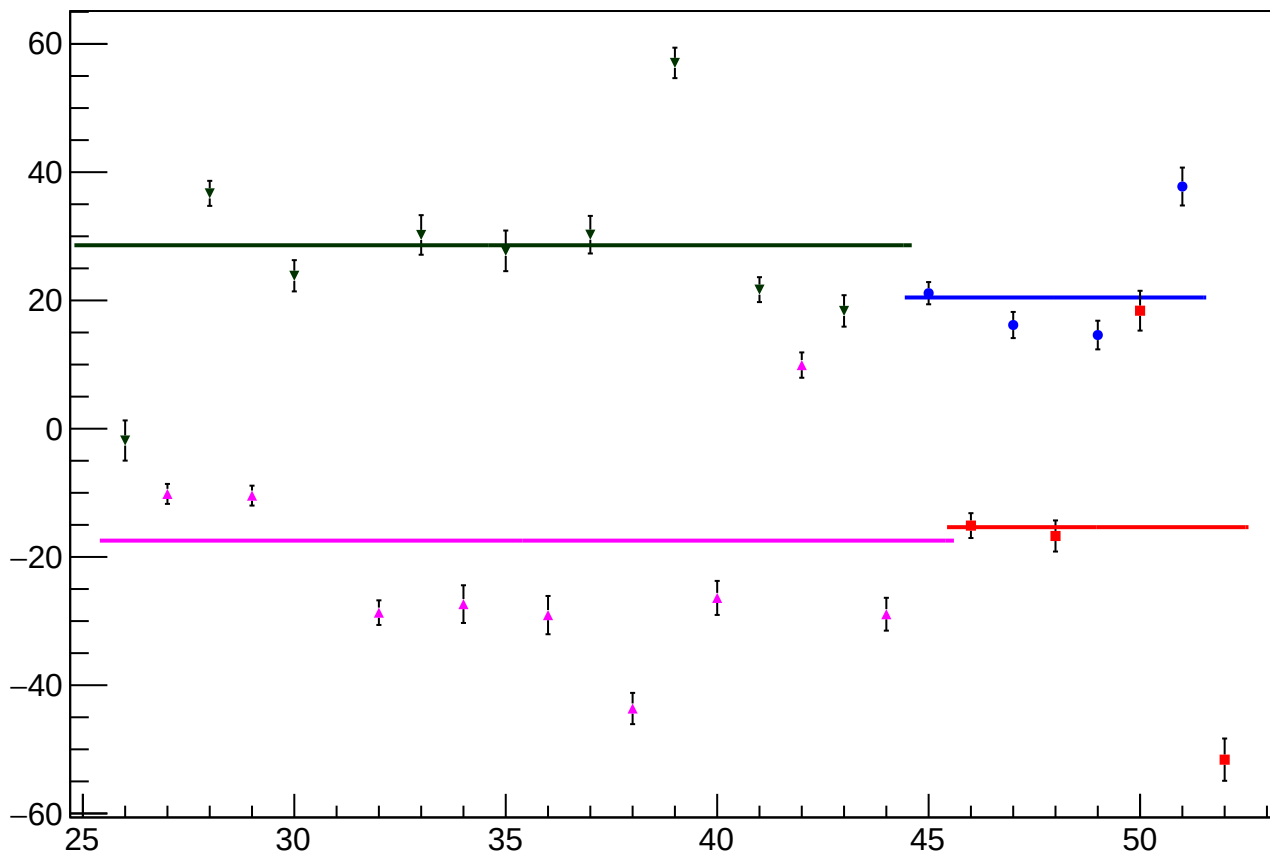
Left Out: -128.683+/-0.112 χ^2/NDF : 38450.4/8

Right Out: 127.409+/-0.167 χ^2/NDF : 28366.3/3

Left In: 137.605+/-0.100 χ^2/NDF : 21119.1/8

8.210+/-0.062 χ^2/NDF : 4688126.6/25

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 20.460+/-1.061 χ^2/NDF : 45.7/3

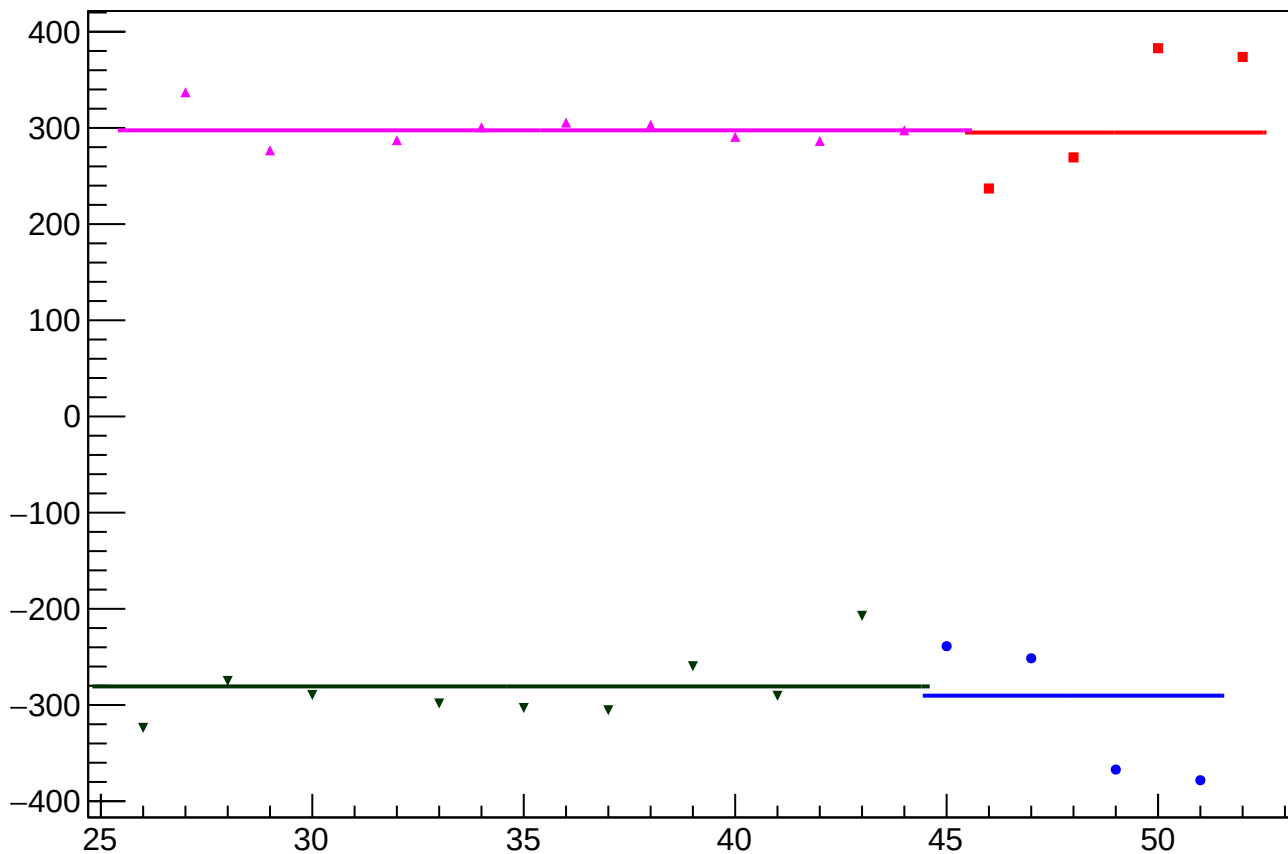
Left Out: 28.605+/-0.827 χ^2/NDF : 289.4/8

2.899+/-0.446 χ^2/NDF : 3314.8/25

Right Out: -15.356+/-1.258 χ^2/NDF : 239.6/3

Left In: -17.453+/-0.699 χ^2/NDF : 441.8/8

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -290.305+/-0.208 χ^2/NDF : 86472.2/3

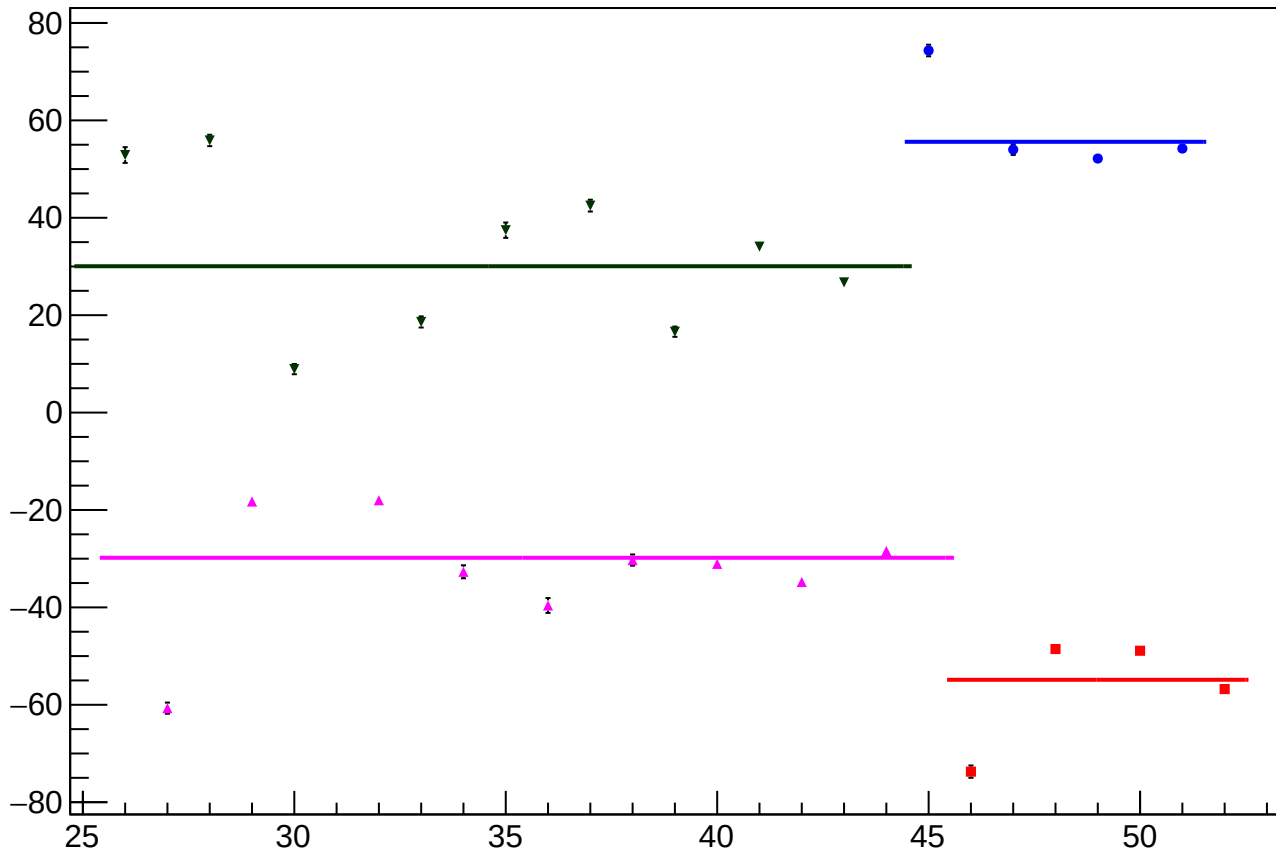
Left Out: -280.656+/-0.153 χ^2/NDF : 43963.5/8

Right Out: 295.221+/-0.237 χ^2/NDF : 69686.9/3

Left In: 297.504+/-0.148 χ^2/NDF : 15085.1/8

0.823+/-0.088 χ^2/NDF : 11082322.3/25

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.601+/-0.420 χ^2/NDF : 286.5/3

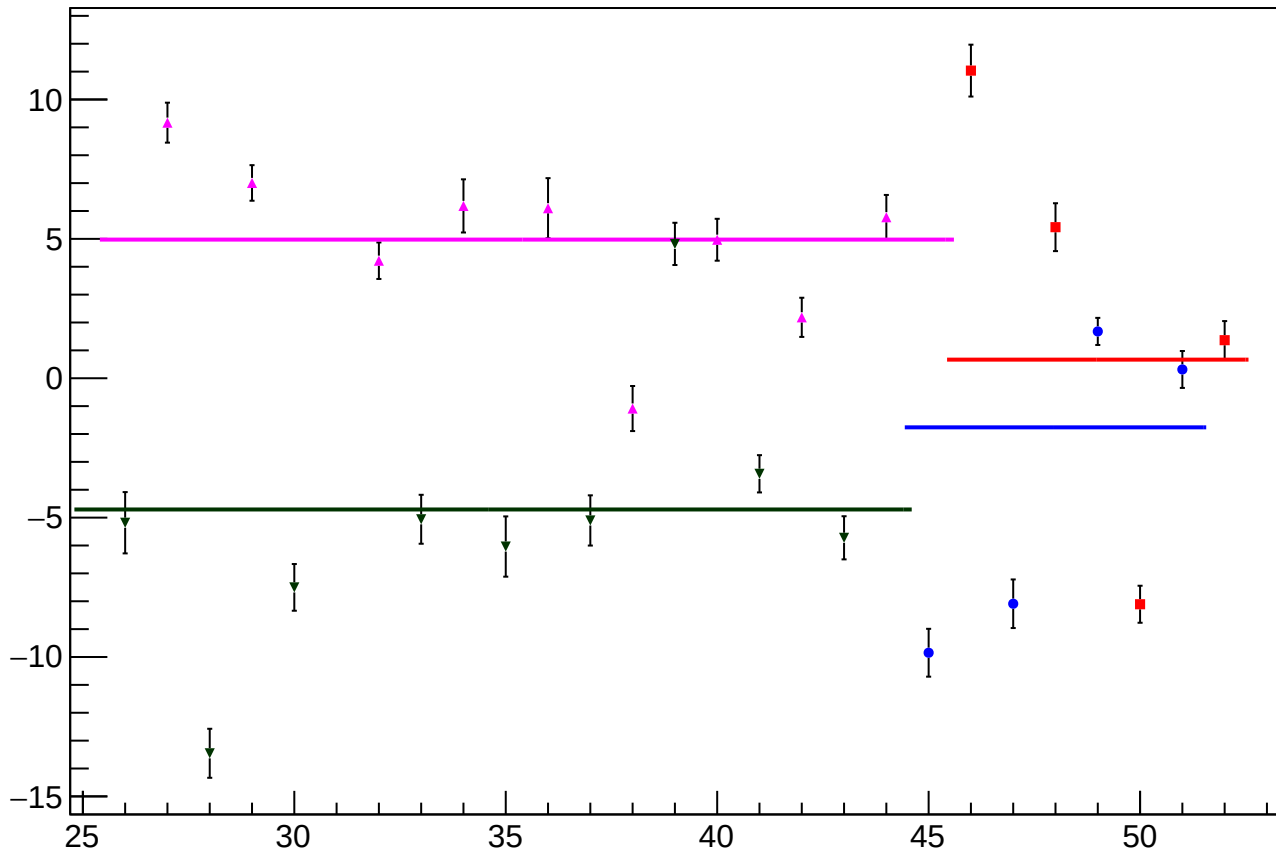
Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

2.283+/-0.200 χ^2/NDF : 46369.8/25

Right Out: -54.865+/-0.505 χ^2/NDF : 310.7/3

Left In: -29.811+/-0.343 χ^2/NDF : 1208.1/8

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -1.761 ± 0.330 $\chi^2/\text{NDF}: 201.3/3$

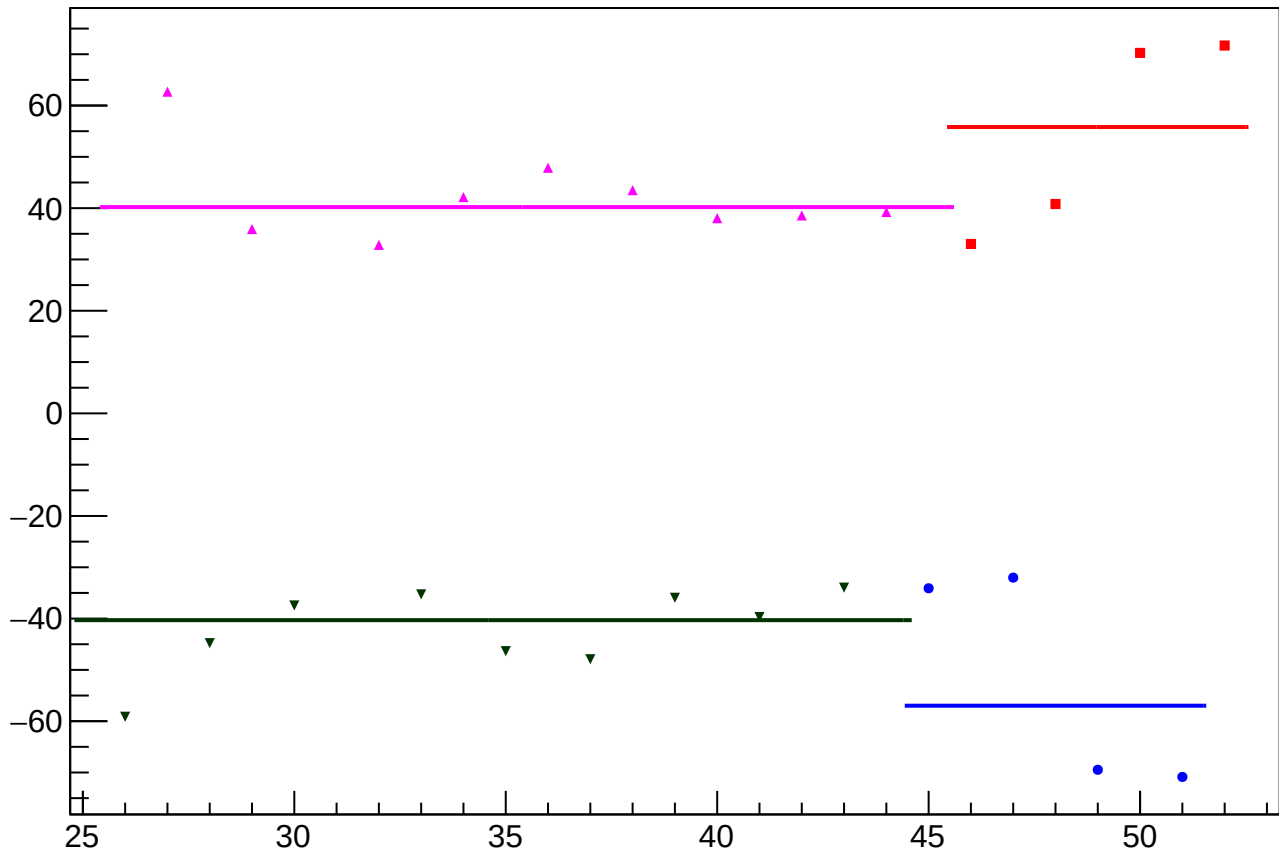
Left Out: -4.708 ± 0.282 $\chi^2/\text{NDF}: 275.7/8$

Right Out: 0.668 ± 0.380 $\chi^2/\text{NDF}: 330.4/3$

Left In: 4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

0.152 ± 0.150 $\chi^2/\text{NDF}: 1623.8/25$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -56.983+/-0.078 χ^2/NDF : 50818.7/3

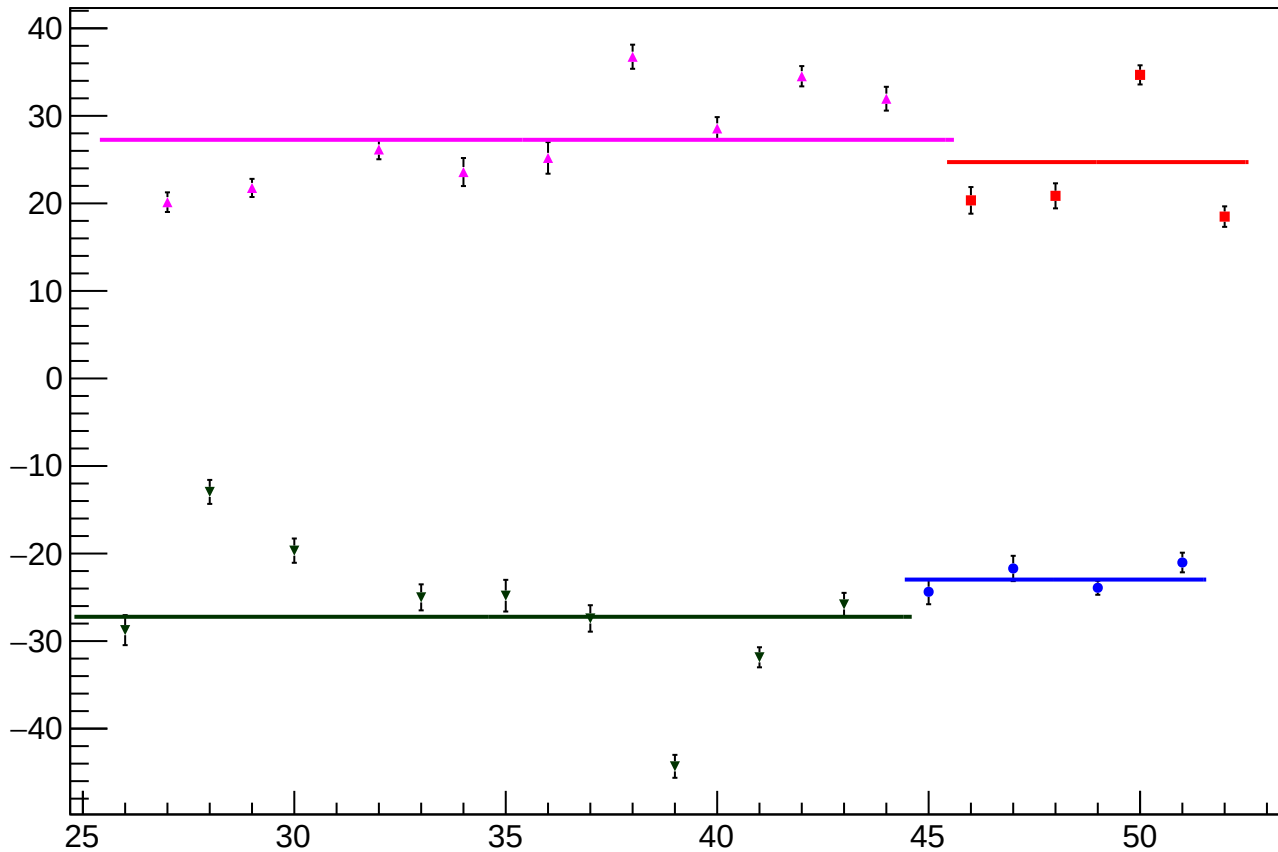
Left Out: -40.306+/-0.063 χ^2/NDF : 10954.8/8

Right Out: 55.809+/-0.089 χ^2/NDF : 37028.7/3

Left In: 40.209+/-0.058 χ^2/NDF : 18072.5/8

-0.848+/-0.035 χ^2/NDF : 1925217.7/25

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -22.973 ± 0.548 χ^2/NDF : 6.1/3

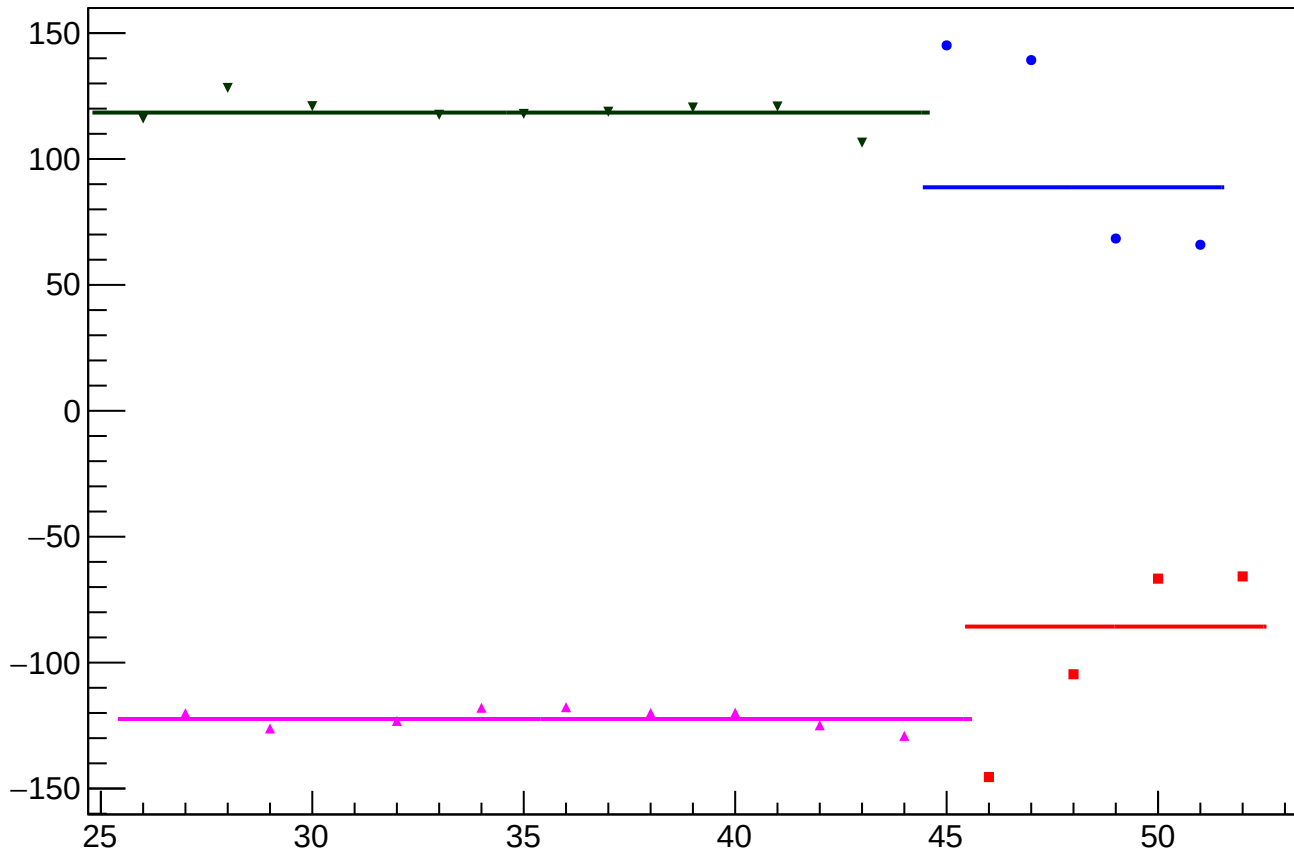
Left Out: -27.224 ± 0.471 χ^2/NDF : 330.4/8

Right Out: 24.716 ± 0.635 χ^2/NDF : 126.5/3

Left In: 27.262 ± 0.421 χ^2/NDF : 175.8/8

0.987 ± 0.250 χ^2/NDF : 11424.0/25

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 88.762+/-0.106 χ^2/NDF : 100604.1/3

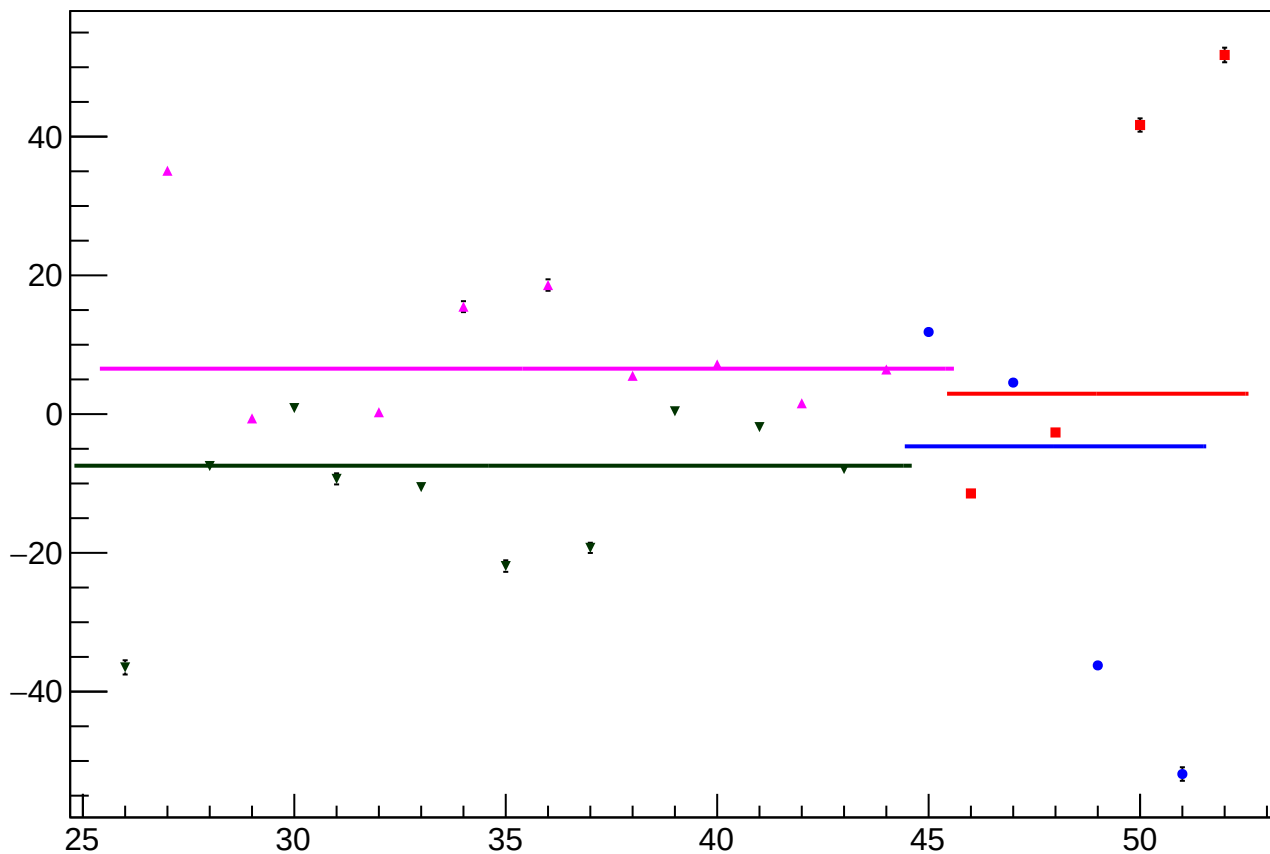
Left Out: 118.438+/-0.086 χ^2/NDF : 4307.2/8

2.814+/-0.048 χ^2/NDF : 5326439.3/25

Right Out: -85.684+/-0.114 χ^2/NDF : 64690.8/3

Left In: -122.391+/-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

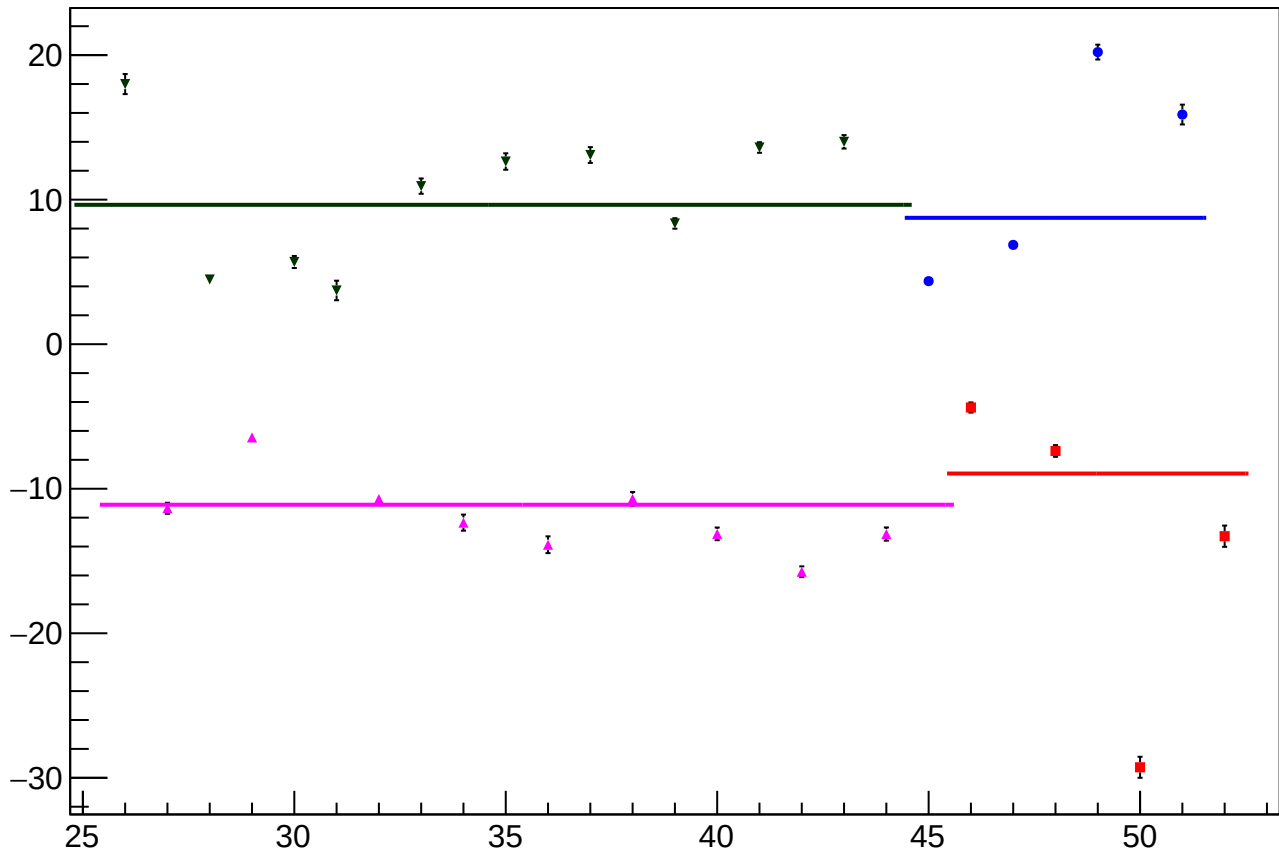
Left Out: -7.437+/-0.192 χ^2/NDF : 1995.0/9

Right Out: 2.939+/-0.308 χ^2/NDF : 4815.6/3

Left In: 6.550+/-0.179 χ^2/NDF : 3282.1/8

-0.414+/-0.110 χ^2/NDF : 20146.6/26

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.743+/-0.202 χ^2/NDF : 820.7/3

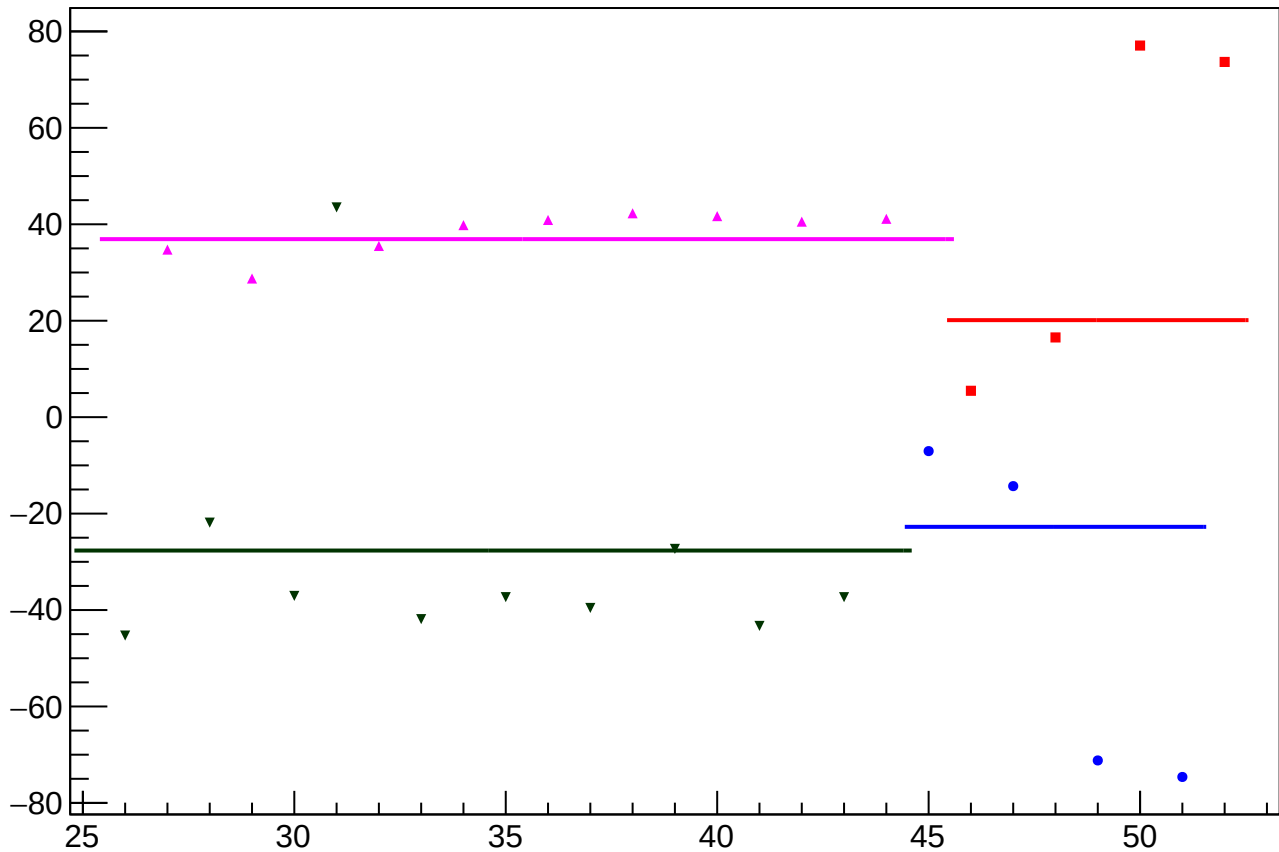
Left Out: 9.643+/-0.143 χ^2/NDF : 847.5/9

Right Out: -8.947+/-0.236 χ^2/NDF : 999.1/3

Left In: -11.107+/-0.133 χ^2/NDF : 517.7/8

-0.720+/-0.082 χ^2/NDF : 17989.9/26

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -22.746 $\pm$ 0.045 χ^2 /NDF: 299218.3/3

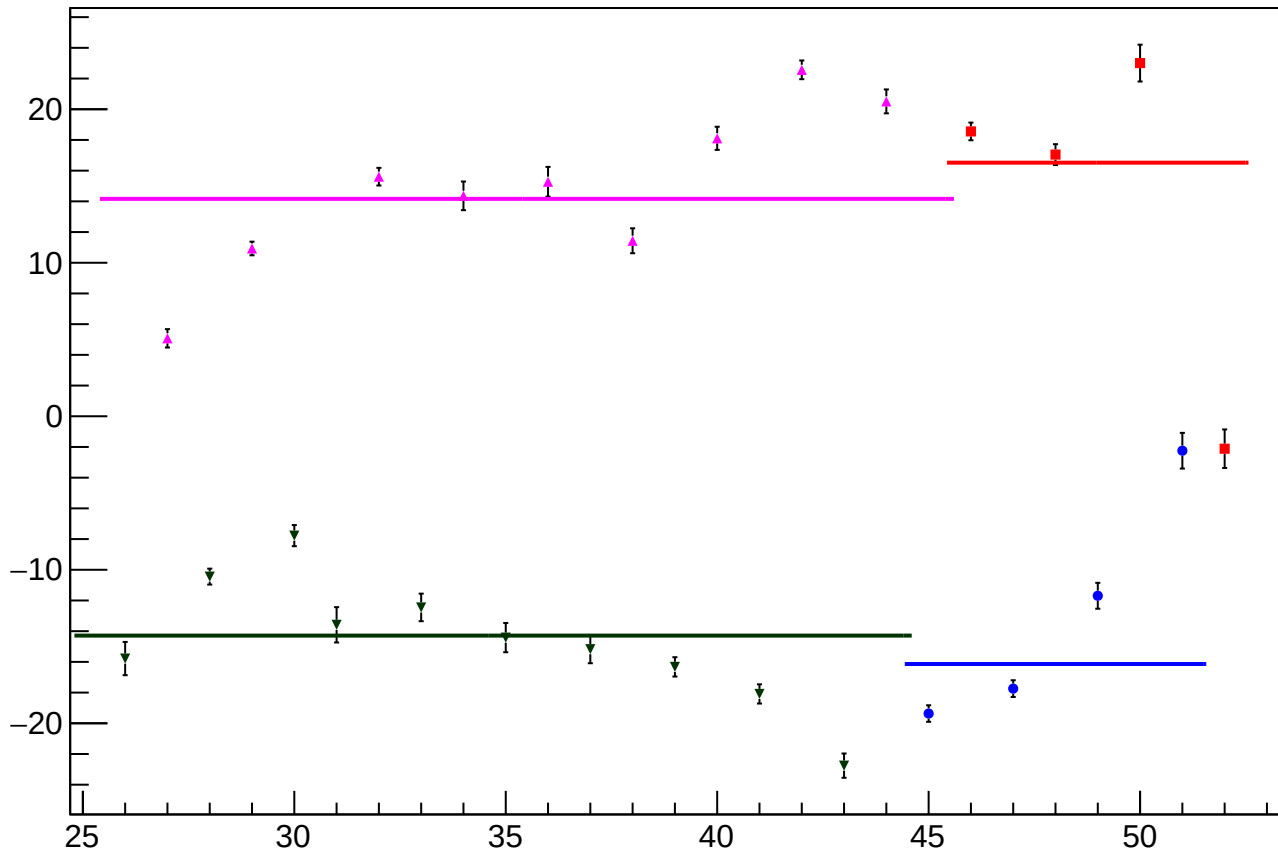
Left Out: -27.661 $\pm$ 0.032 χ^2 /NDF: 544702.9/9

Right Out: 20.120 $\pm$ 0.051 χ^2 /NDF: 226107.4/3

Left In: 36.920 $\pm$ 0.031 χ^2 /NDF: 23590.7/8

2.679 $\pm$ 0.018 χ^2 /NDF: 3677320.0/26

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -16.137 ± 0.334 χ^2/NDF : 215.0/3

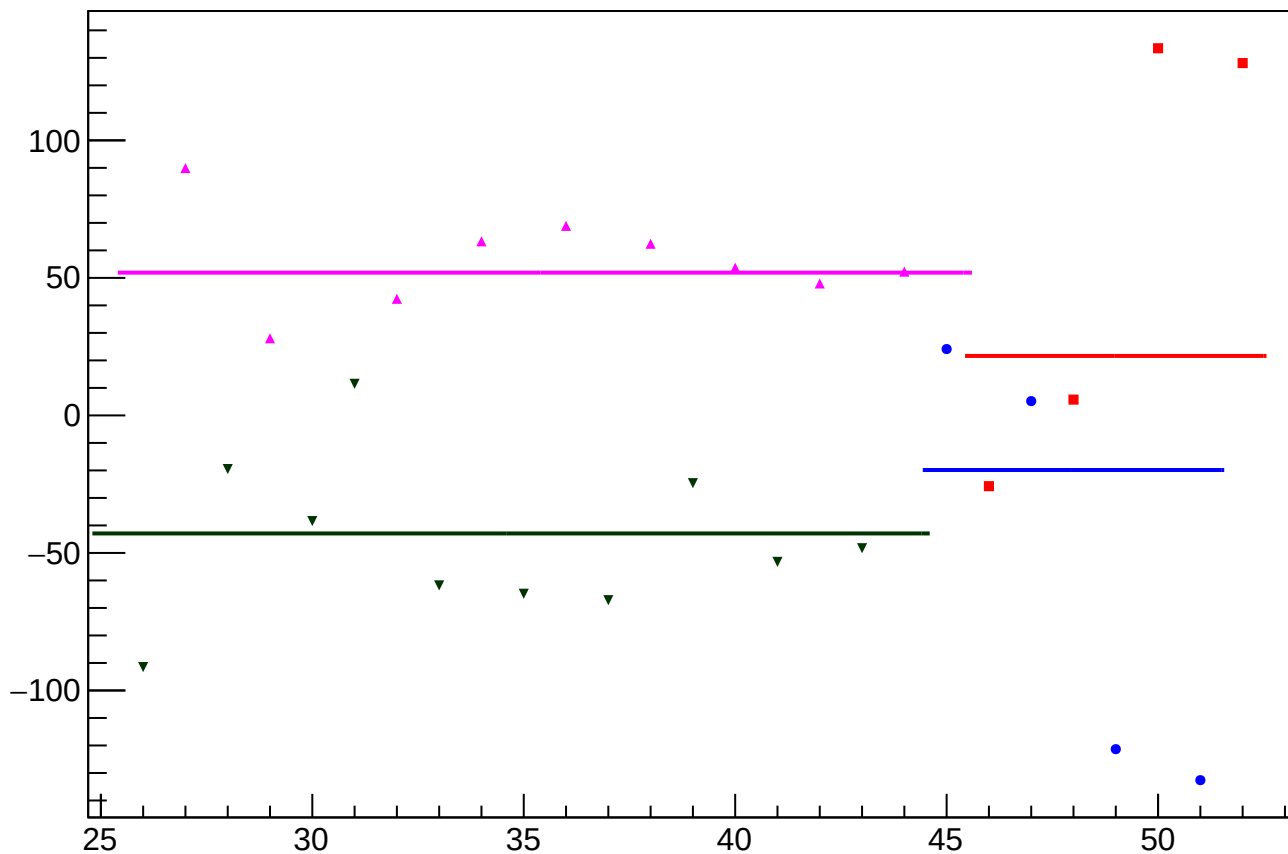
Left Out: -14.288 ± 0.238 χ^2/NDF : 313.7/9

Right Out: 16.520 ± 0.391 χ^2/NDF : 262.5/3

Left In: 14.162 ± 0.220 χ^2/NDF : 585.9/8

0.090 ± 0.136 χ^2/NDF : 13244.4/26

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -19.851 ± 0.065 $\chi^2/\text{NDF}: 858518.6/3$

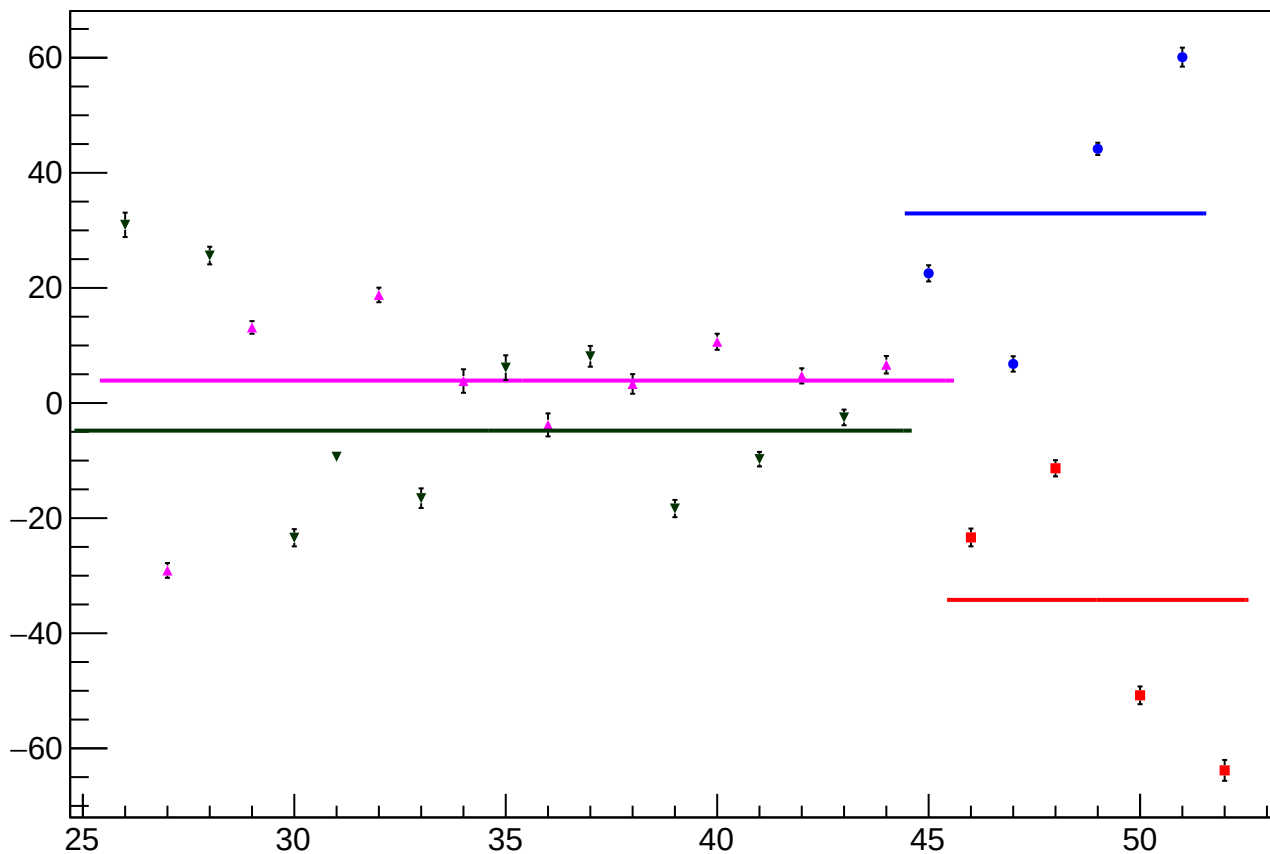
Left Out: -42.913 ± 0.044 $\chi^2/\text{NDF}: 295110.7/9$

Right Out: 21.634 ± 0.075 $\chi^2/\text{NDF}: 697187.3/3$

Left In: 51.914 ± 0.046 $\chi^2/\text{NDF}: 149065.3/8$

1.290 ± 0.027 $\chi^2/\text{NDF}: 4408370.7/26$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 32.942 $\pm$ 0.657 χ^2 /NDF: 822.6/3

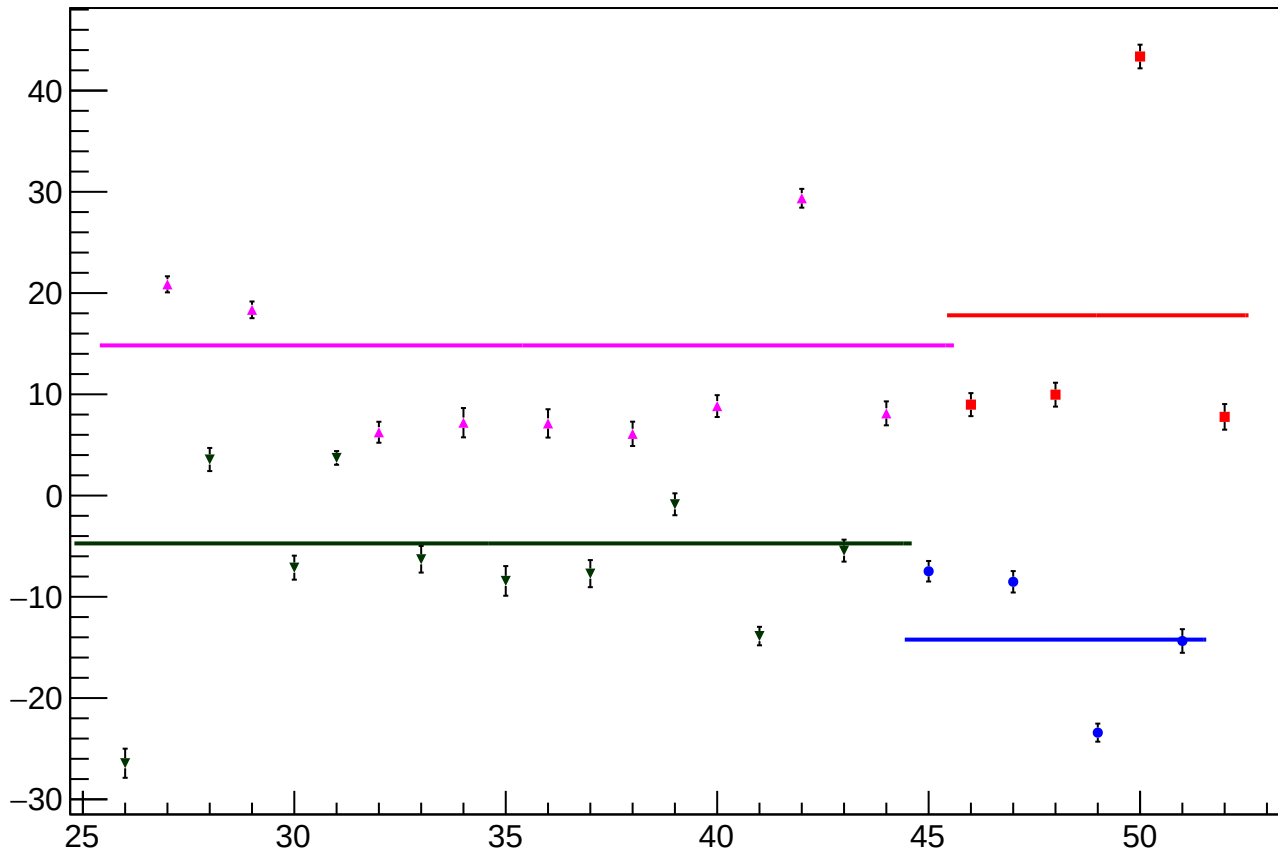
Left Out: -4.793 $\pm$ 0.442 χ^2 /NDF: 1087.2/9

0.952 $\pm$ 0.272 χ^2 /NDF: 8121.2/26

Right Out: -34.201 $\pm$ 0.780 χ^2 /NDF: 693.8/3

Left In: 3.900 $\pm$ 0.476 χ^2 /NDF: 906.0/8

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.226 ± 0.509 χ^2/NDF : 179.8/3

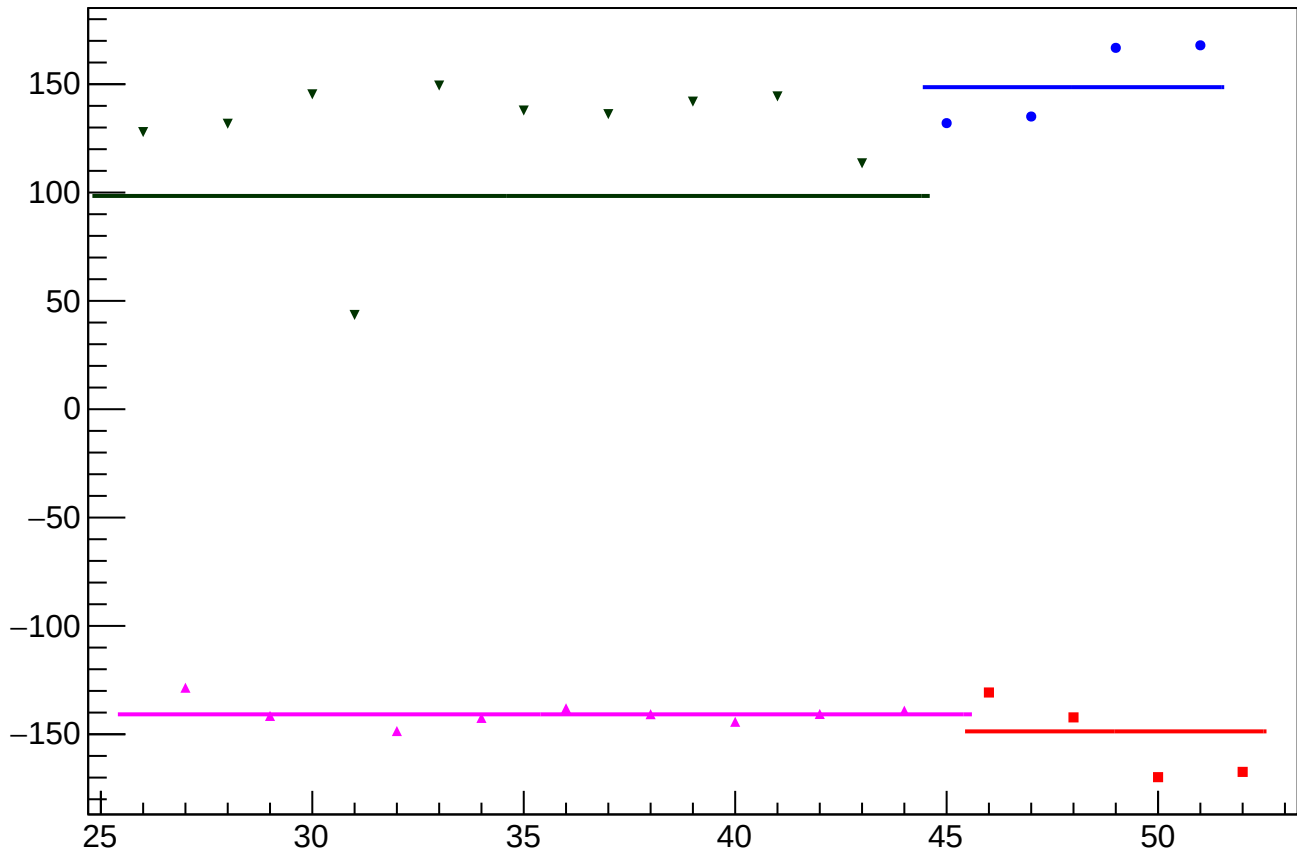
Left Out: -4.727 ± 0.340 χ^2/NDF : 566.1/9

3.347 ± 0.205 χ^2/NDF : 5412.4/26

Right Out: 17.803 ± 0.593 χ^2/NDF : 645.5/3

Left In: 14.832 ± 0.345 χ^2/NDF : 563.0/8

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 148.628 $\pm$ 0.118 χ^2 /NDF: 20310.1/3

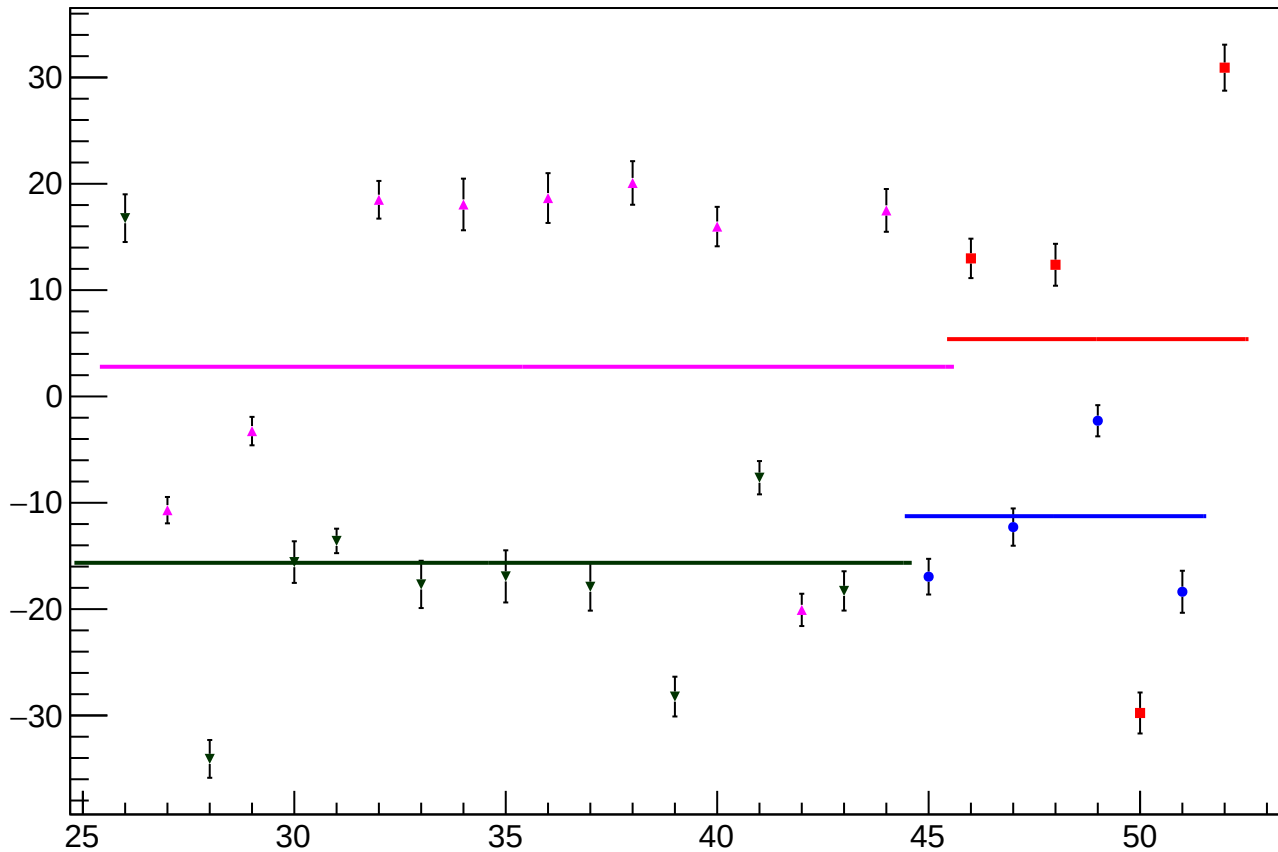
Left Out: 98.427 $\pm$ 0.068 χ^2 /NDF: 464189.2/9

5.763 $\pm$ 0.045 χ^2 /NDF: 8318349.0/26

Right Out: -148.677 $\pm$ 0.134 χ^2 /NDF: 15261.8/3

Left In: -140.810 $\pm$ 0.082 χ^2 /NDF: 4715.0/8

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -11.259 ± 0.845 $\chi^2/\text{NDF}: 62.2/3$

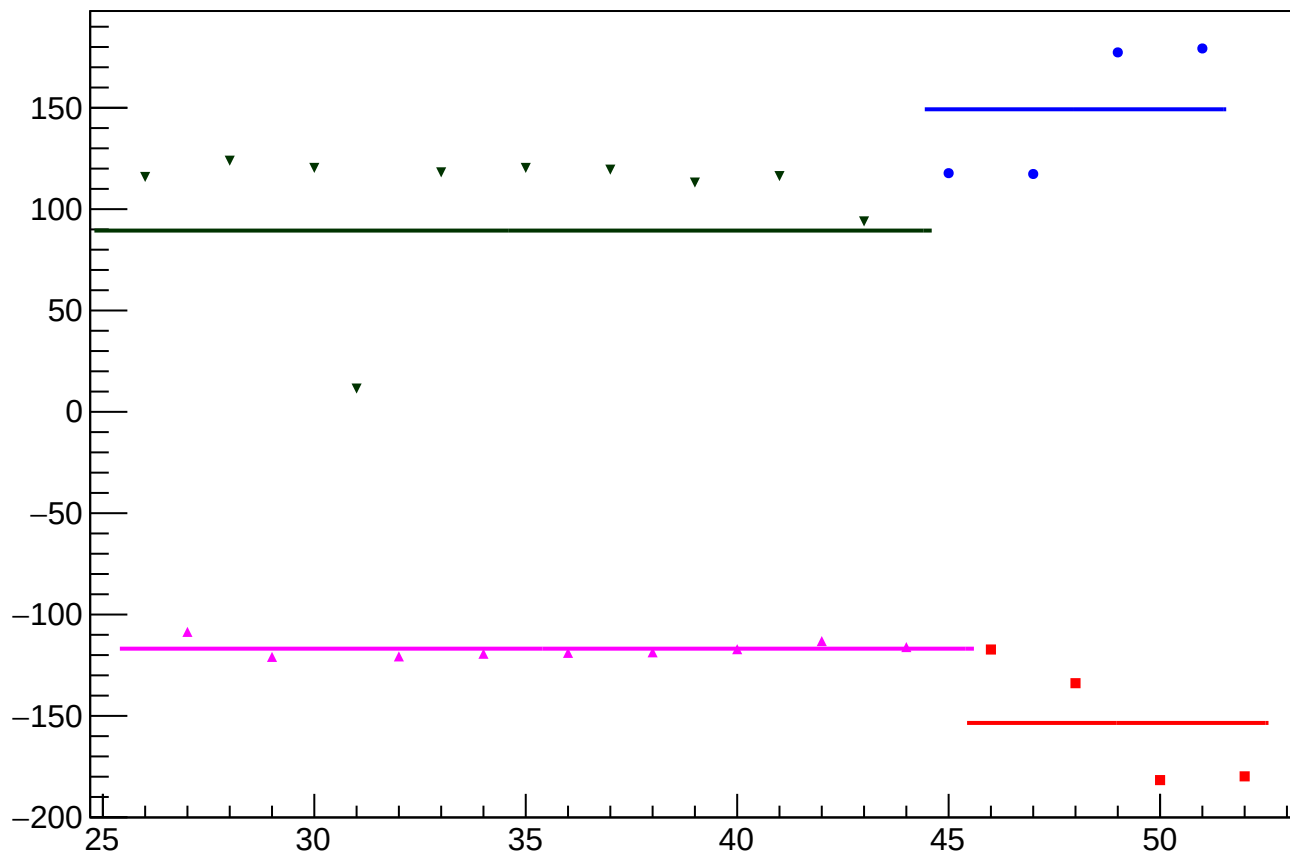
Left Out: -15.644 ± 0.569 $\chi^2/\text{NDF}: 395.1/9$

Right Out: 5.391 ± 0.985 $\chi^2/\text{NDF}: 501.4/3$

Left In: 2.793 ± 0.569 $\chi^2/\text{NDF}: 704.4/8$

-5.791 ± 0.341 $\chi^2/\text{NDF}: 2361.1/26$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 149.264 $\pm$ 0.164 χ^2 /NDF: 33715.7/3

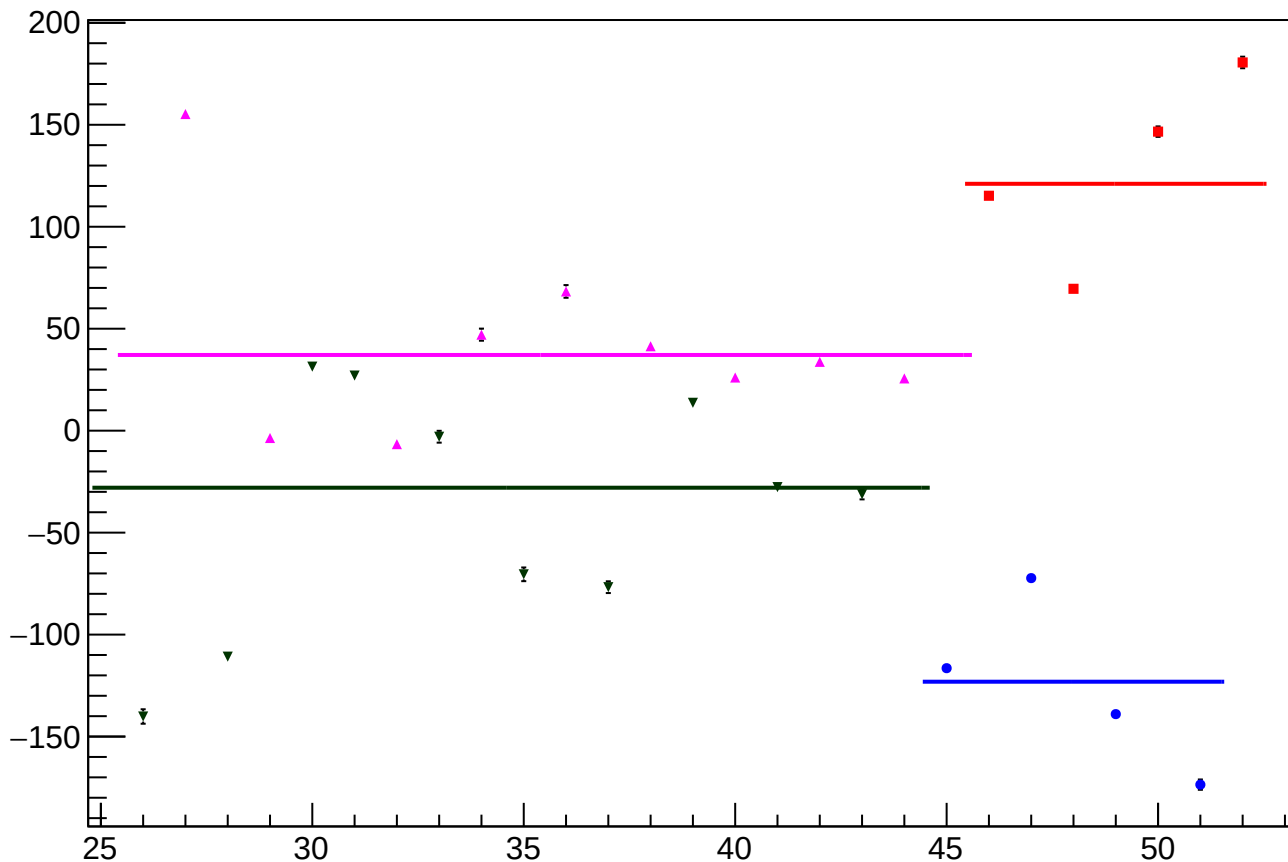
Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF:195054.4/9

4.852 $\pm$ 0.066 χ^2 /NDF: 3484957.8/26

Right Out: -153.476 $\pm$ 0.181 χ^2 /NDF: 24269.8/3

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

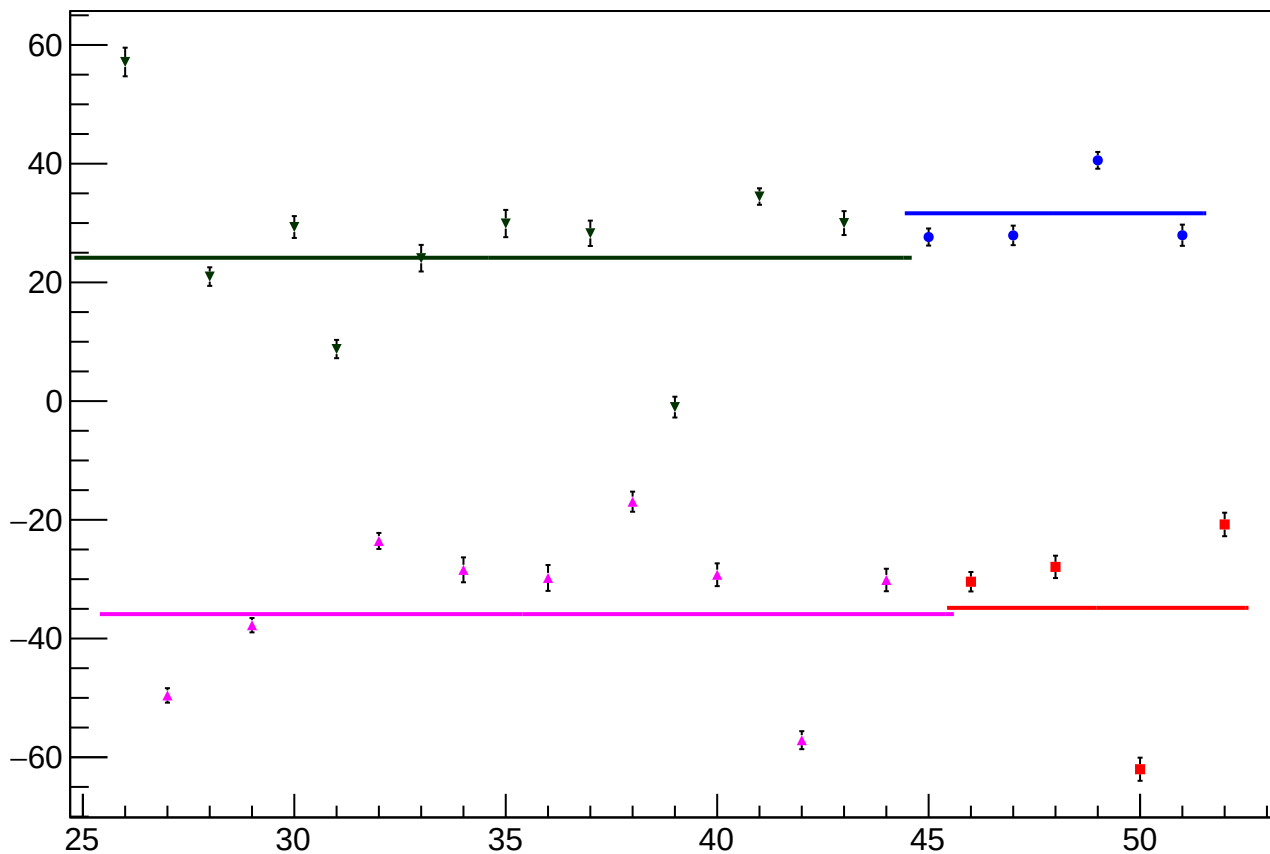
Left Out: -27.970+/-0.765 χ^2/NDF : 4906.6/9

-2.943+/-0.433 χ^2/NDF : 41151.9/26

Right Out: 121.057+/-1.220 χ^2/NDF : 1064.2/3

Left In: 37.121+/-0.714 χ^2/NDF : 5219.8/8

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 31.642 $\pm$ 0.775 χ^2 /NDF: 57.0/3

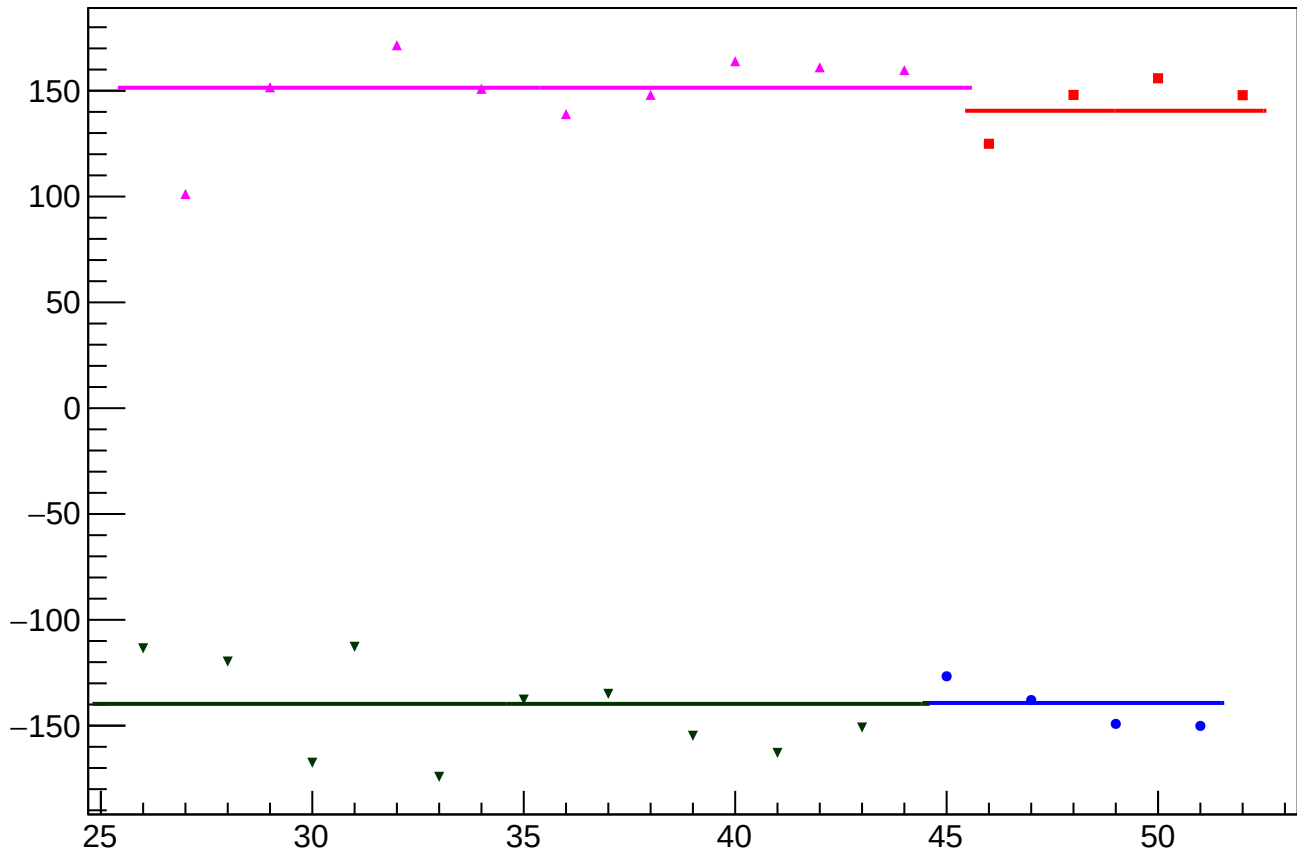
Left Out: 24.152 $\pm$ 0.578 χ^2 /NDF: 577.8/9

Right Out: -34.832 $\pm$ 0.924 χ^2 /NDF: 265.6/3

Left In: -35.889 $\pm$ 0.522 χ^2 /NDF: 574.5/8

-5.016 $\pm$ 0.324 χ^2 /NDF: 10806.7/26

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -139.273+/-0.179 χ^2/NDF : 2961.4/3

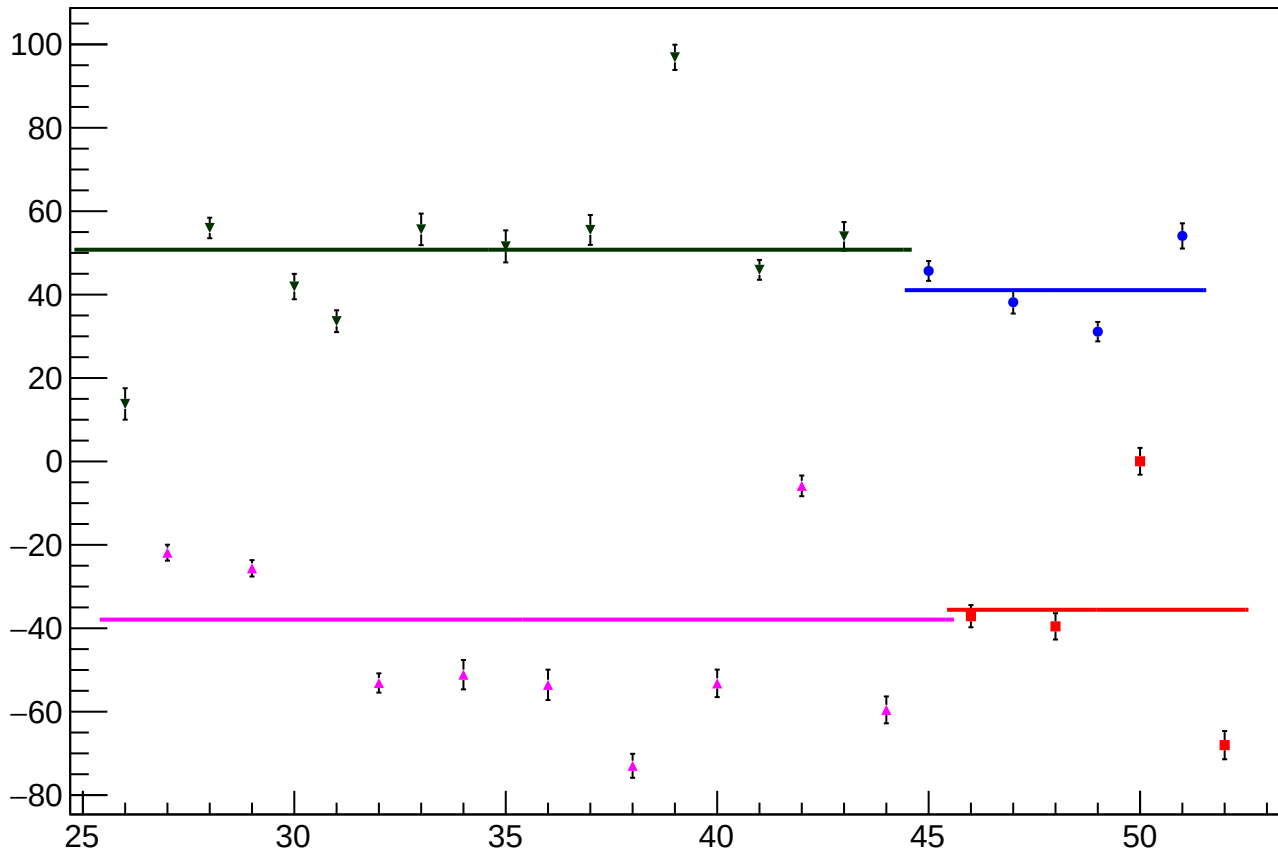
Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

Right Out: 140.534+/-0.207 χ^2/NDF : 3698.7/3

Left In: 151.402+/-0.122 χ^2/NDF : 30317.9/8

-1.694+/-0.073 χ^2/NDF : 3989355.9/26

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 41.070 $\pm$ 1.286 χ^2 /NDF: 41.7/3

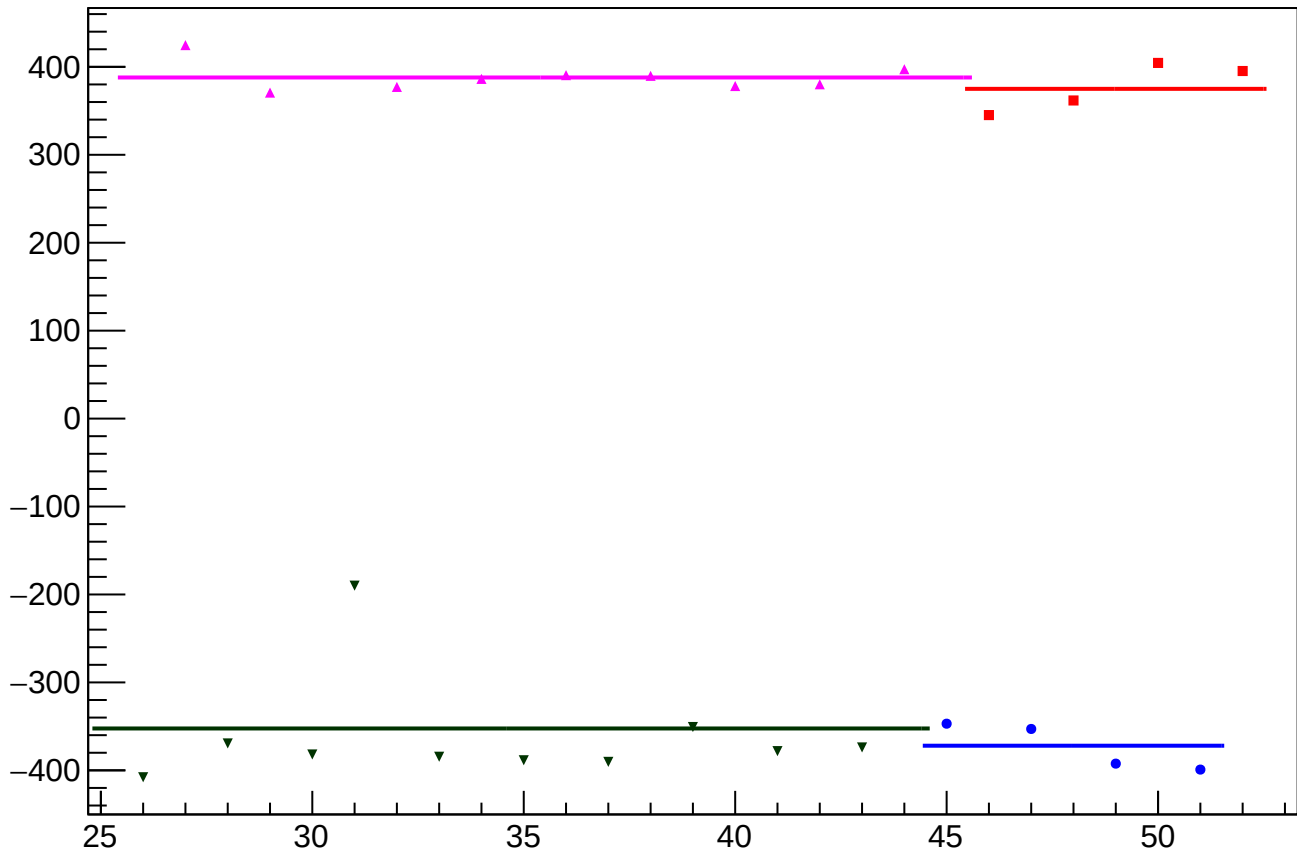
Left Out: 50.768 $\pm$ 0.965 χ^2 /NDF: 391.5/9

Right Out: -35.564 $\pm$ 1.533 χ^2 /NDF: 216.5/3

Left In: -37.922 $\pm$ 0.861 χ^2 /NDF: 567.8/8

3.789 $\pm$ 0.538 χ^2 /NDF: 7437.0/26

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -371.984+/-0.251 χ^2/NDF : 8202.6/3

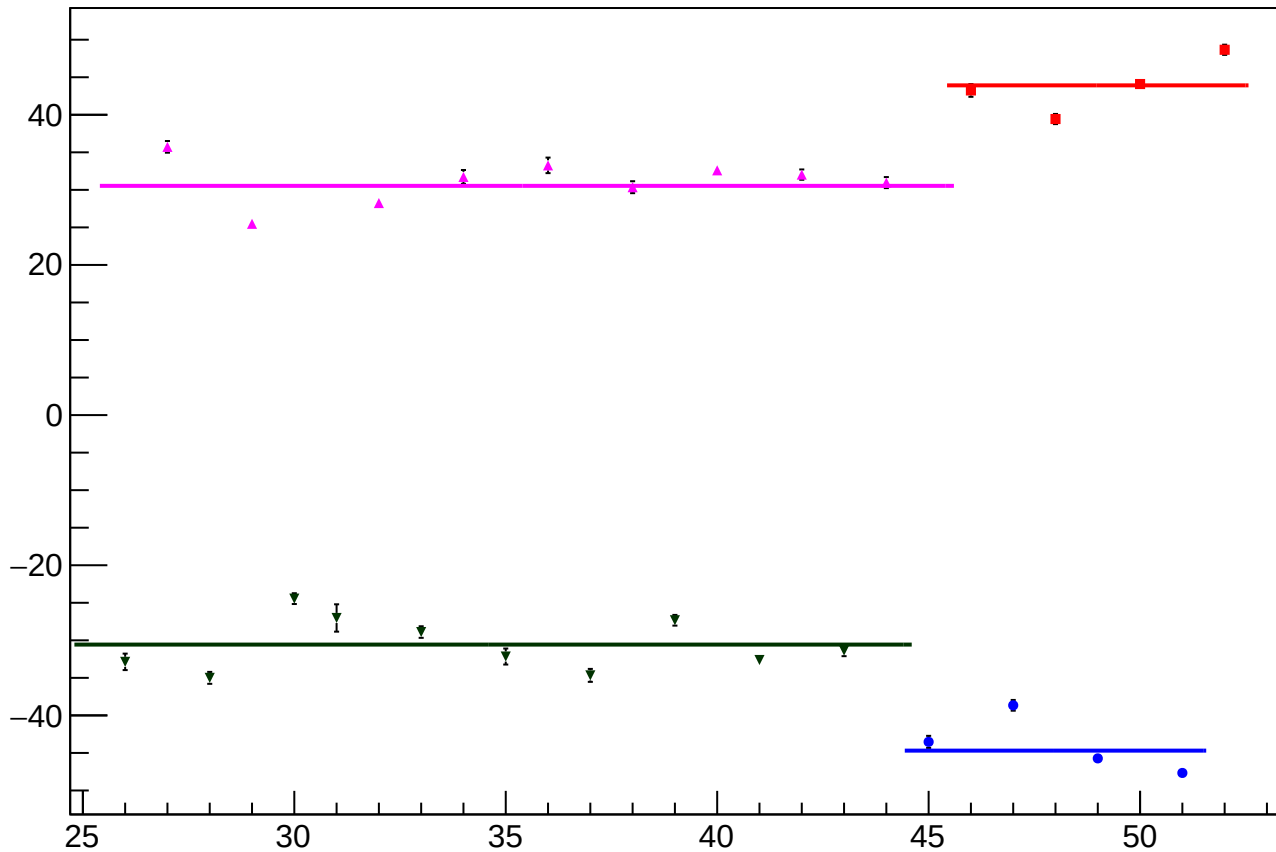
Left Out: -352.385+/-0.178 χ^2/NDF : 145038.2/9

Right Out: 374.991+/-0.284 χ^2/NDF : 7499.2/3

Left In: 387.911+/-0.183 χ^2/NDF : 8311.7/8

-7.602+/-0.106 χ^2/NDF : 12514528.1/26

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.692 ± 0.287 $\chi^2/\text{NDF}: 100.9/3$

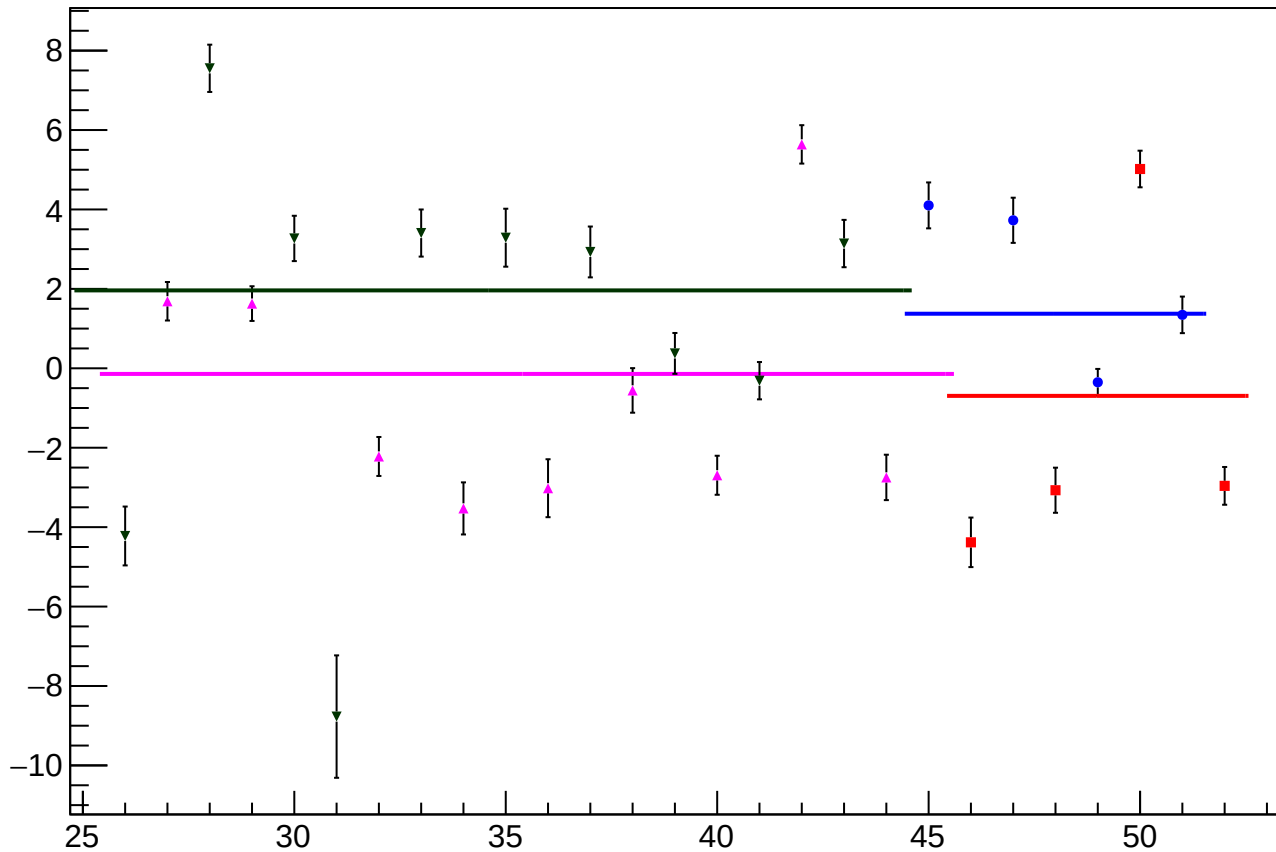
Left Out: -30.568 ± 0.261 $\chi^2/\text{NDF}: 173.1/9$

Right Out: 43.920 ± 0.344 $\chi^2/\text{NDF}: 93.1/3$

Left In: 30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-1.596 ± 0.138 $\chi^2/\text{NDF}: 70999.6/26$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.374 ± 0.225 χ^2/NDF : 65.8/3

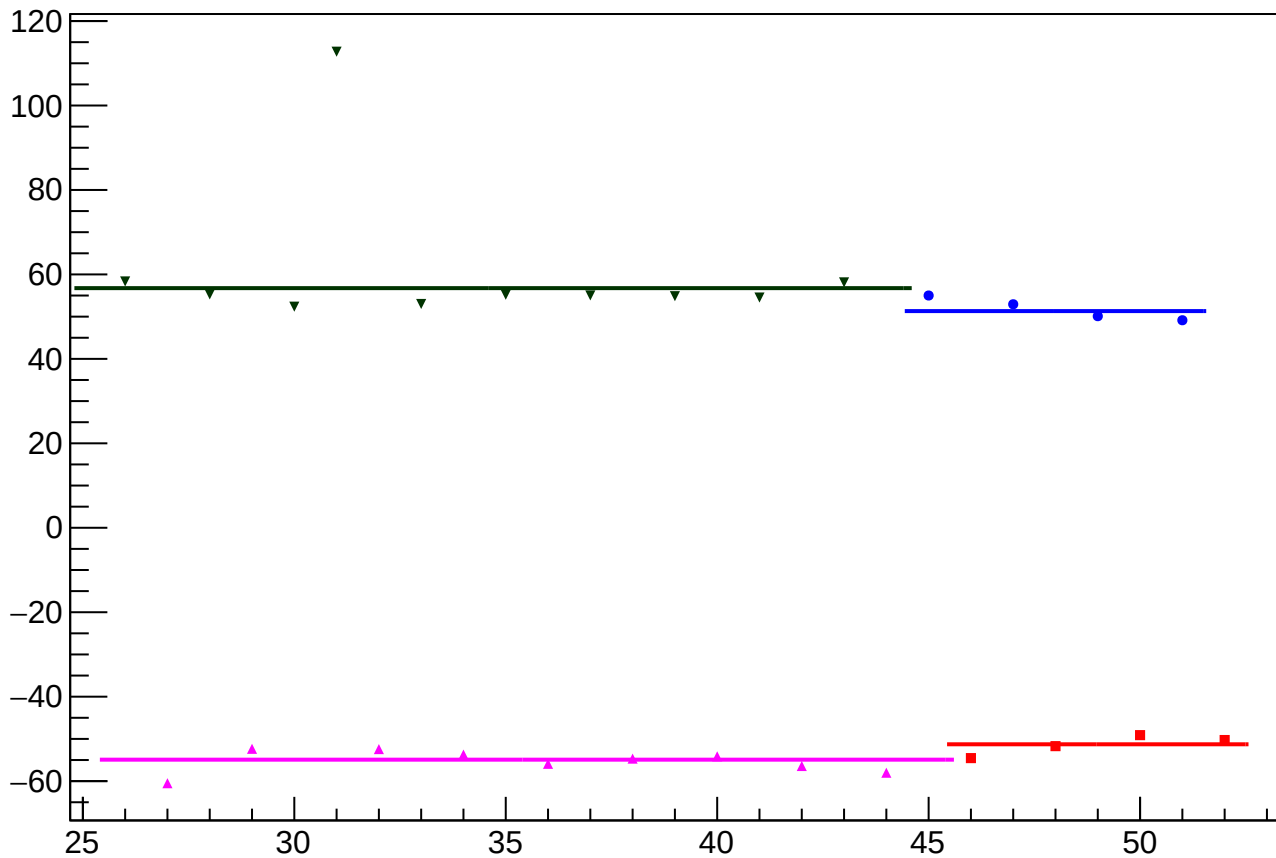
Left Out: 1.962 ± 0.195 χ^2/NDF : 260.0/9

0.685 ± 0.103 χ^2/NDF : 939.2/26

Right Out: -0.694 ± 0.260 χ^2/NDF : 228.7/3

Left In: -0.142 ± 0.175 χ^2/NDF : 282.0/8

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.316 $\pm$ 0.053 χ^2 /NDF: 1574.3/3

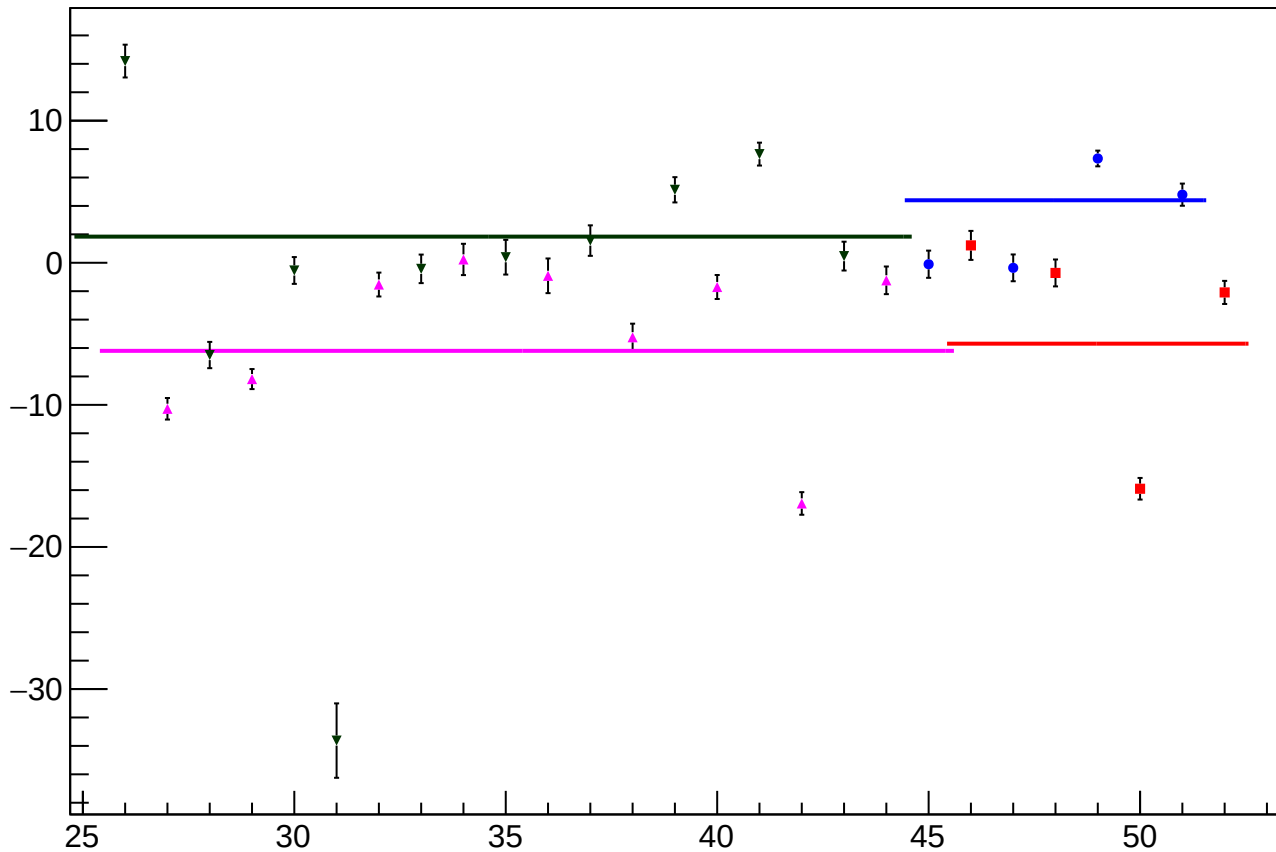
Left Out: 56.751 $\pm$ 0.043 χ^2 /NDF: 56417.9/9

Right Out: -51.275 $\pm$ 0.061 χ^2 /NDF: 1093.7/3

Left In: -54.917 $\pm$ 0.041 χ^2 /NDF: 3795.7/8

0.828 $\pm$ 0.024 χ^2 /NDF: 5231500.9/26

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.398 ± 0.374 $\chi^2/\text{NDF}: 76.1/3$

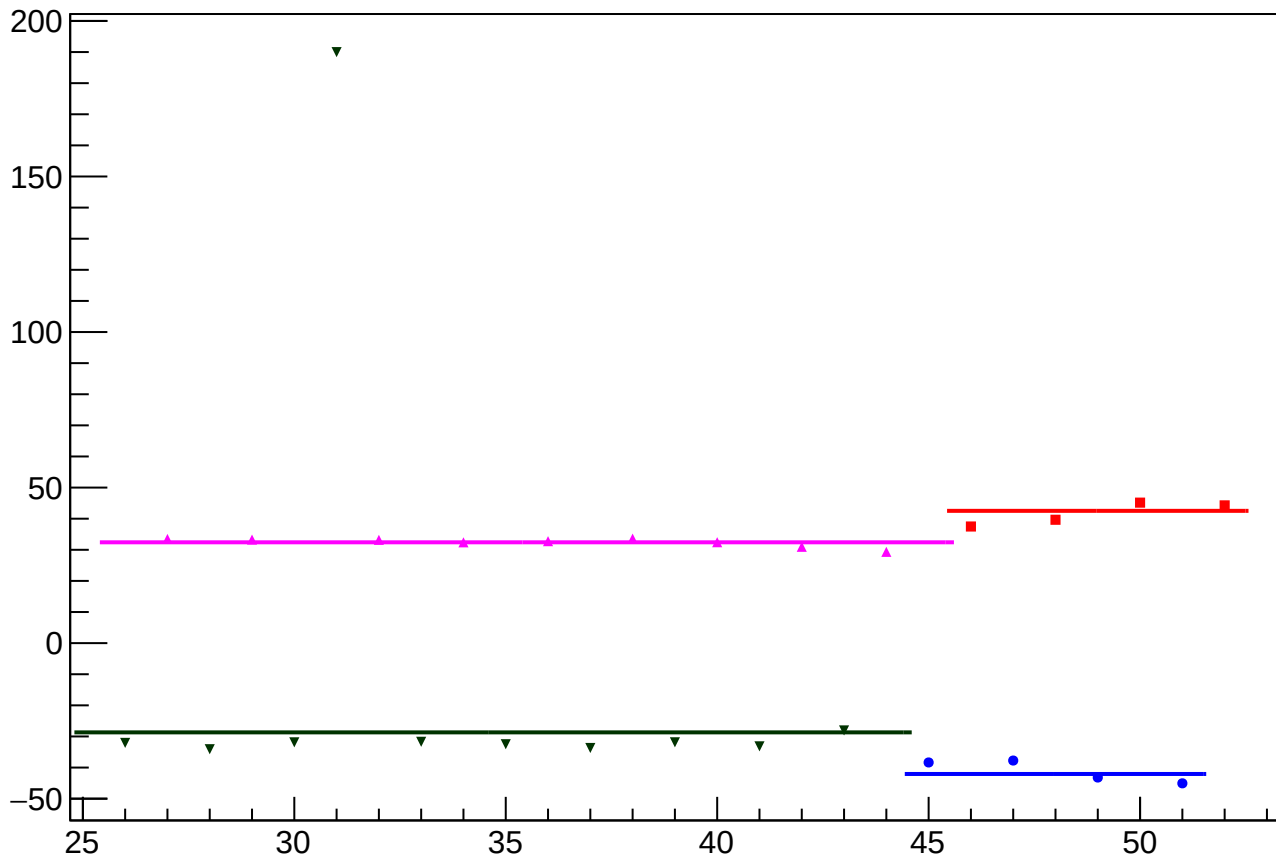
Left Out: 1.840 ± 0.325 $\chi^2/\text{NDF}: 459.7/9$

-1.617 ± 0.172 $\chi^2/\text{NDF}: 1874.9/26$

Right Out: -5.693 ± 0.434 $\chi^2/\text{NDF}: 273.4/3$

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 $\chi^2/\text{NDF}: 1439.5/3$

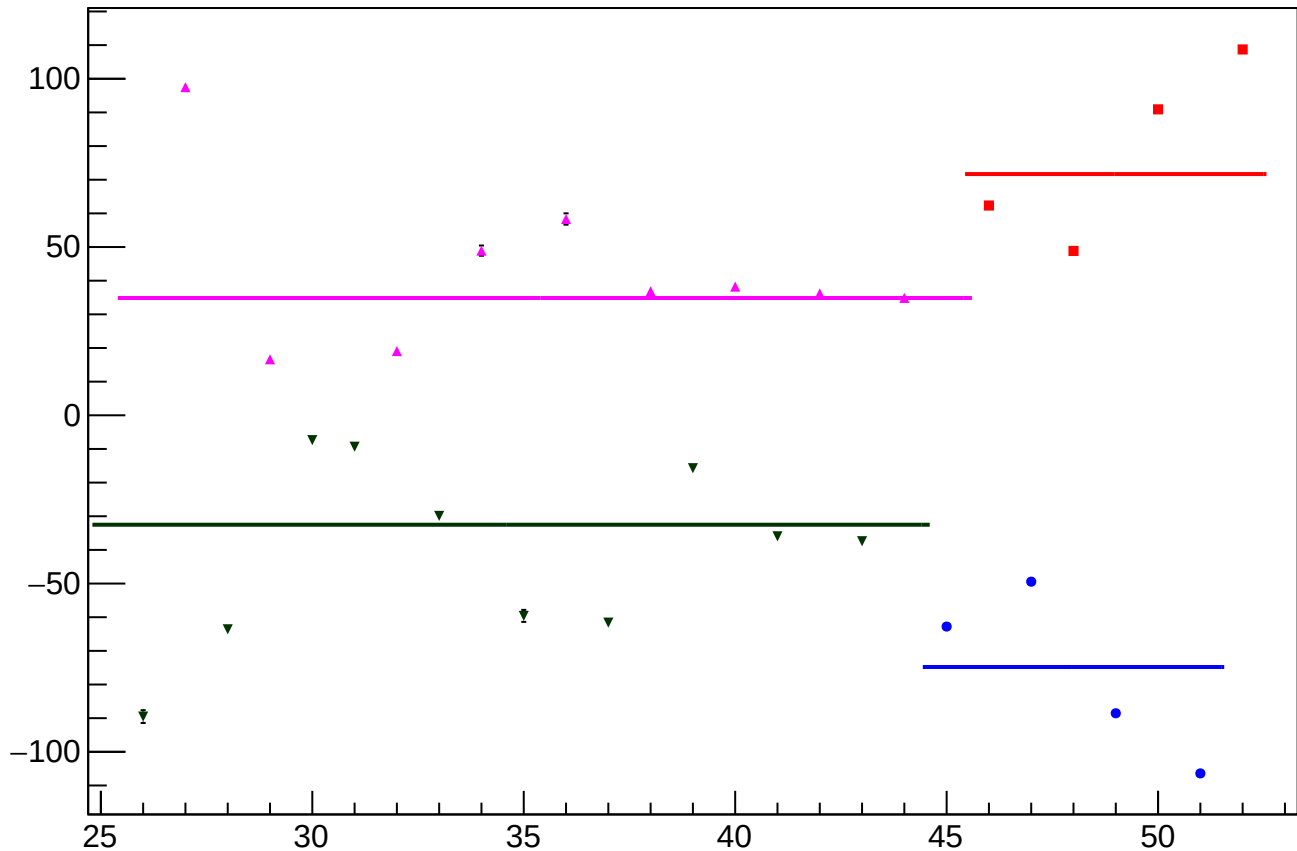
Left Out: -28.687 ± 0.059 $\chi^2/\text{NDF}: 220527.8/9$

Right Out: 42.523 ± 0.078 $\chi^2/\text{NDF}: 1452.6/3$

Left In: 32.407 ± 0.060 $\chi^2/\text{NDF}: 448.5/8$

-0.295 ± 0.033 $\chi^2/\text{NDF}: 1390842.5/26$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -74.794 $\pm$ 0.495 χ^2 /NDF: 1674.3/3

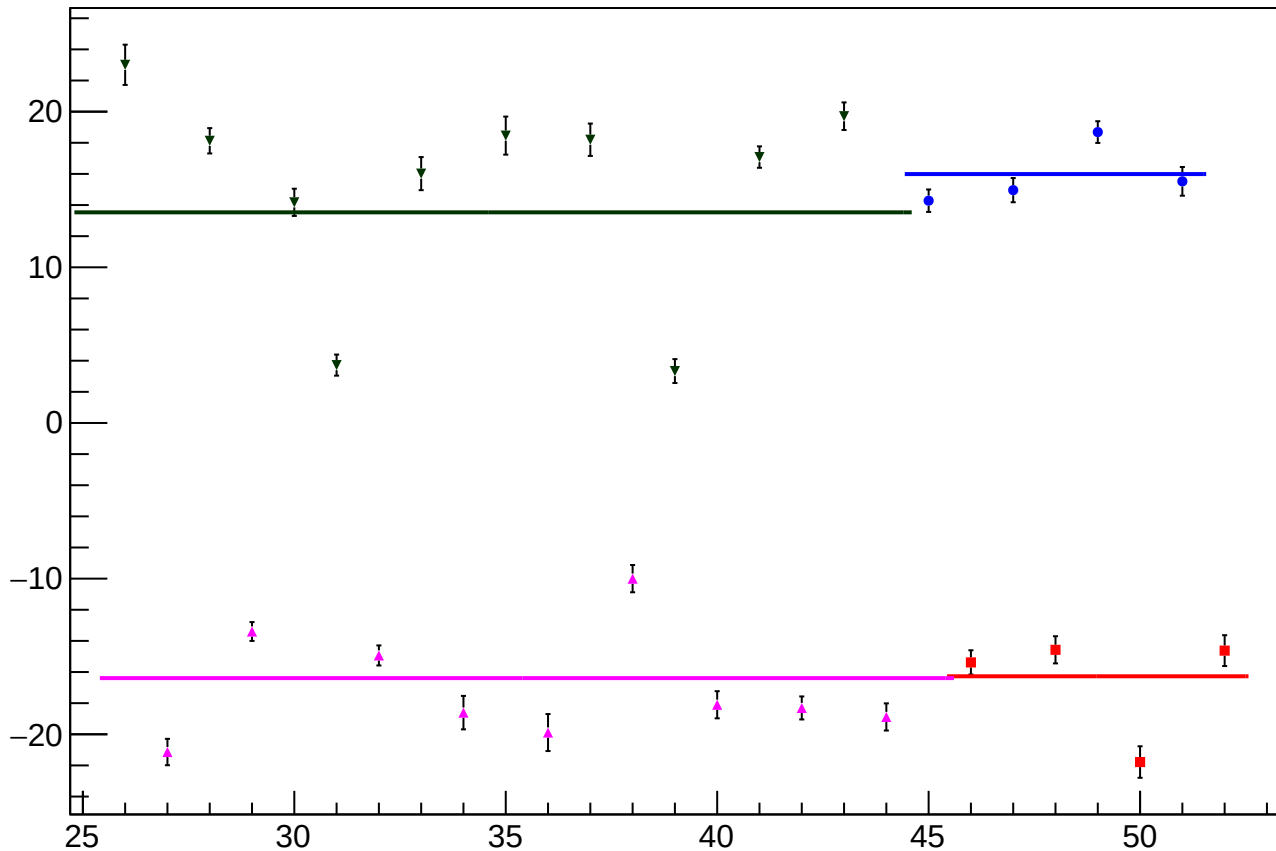
Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

Right Out: 71.685 $\pm$ 0.591 χ^2 /NDF: 1442.8/3

Left In: 34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

-3.656 $\pm$ 0.212 χ^2 /NDF: 65130.9/26

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 15.990+/-0.383 χ^2/NDF : 22.6/3

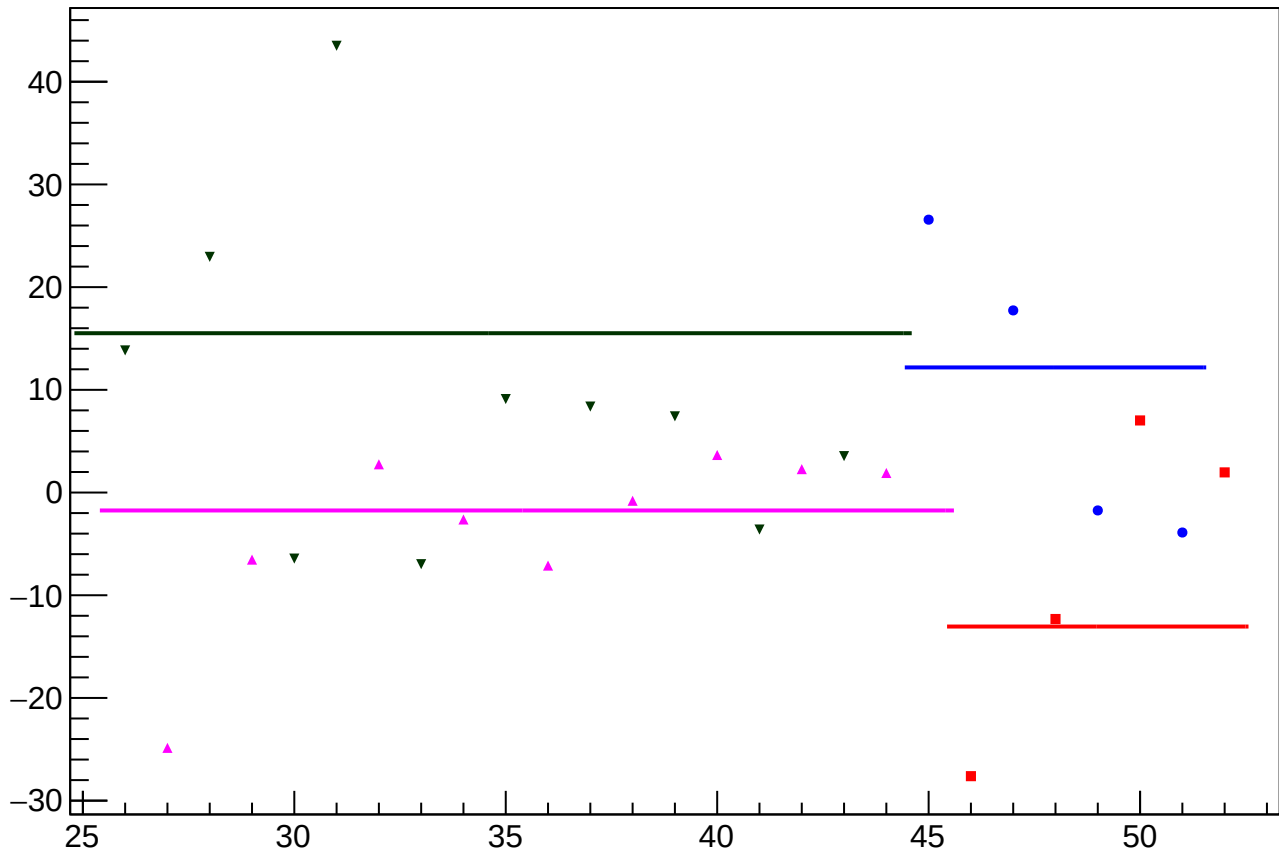
Left Out: 13.531+/-0.276 χ^2/NDF : 589.5/9

Right Out: -16.273+/-0.449 χ^2/NDF : 37.5/3

Left In: -16.391+/-0.268 χ^2/NDF : 146.0/8

-0.542+/-0.161 χ^2/NDF : 9976.1/26

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.183+/-0.088 χ^2/NDF : 20621.6/3

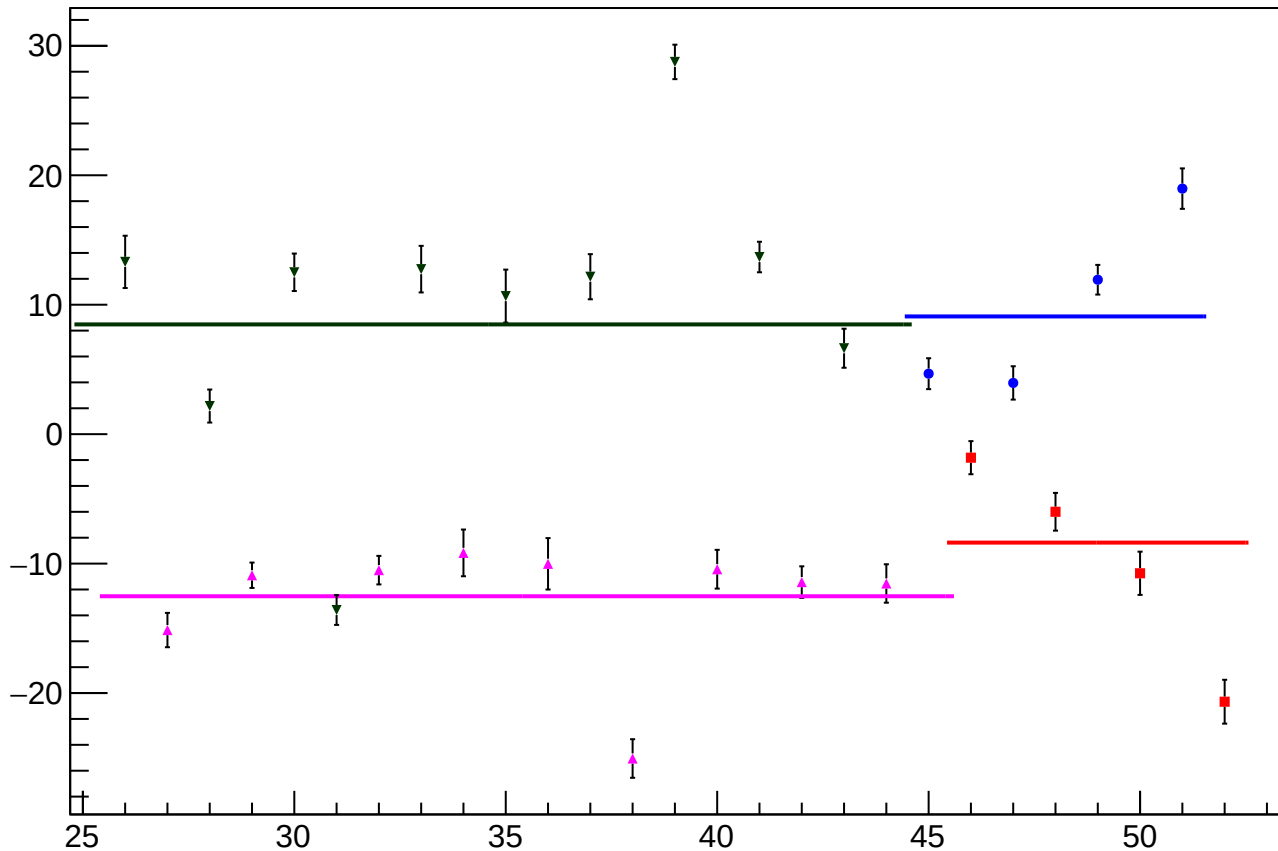
Left Out: 15.514+/-0.057 χ^2/NDF : 116500.8/9

Right Out: -13.047+/-0.100 χ^2/NDF : 18304.8/3

Left In: -1.745+/-0.061 χ^2/NDF : 13830.4/8

5.700+/-0.035 χ^2/NDF : 253954.7/26

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 9.095 $\pm$ 0.636 χ^2 /NDF: 75.7/3

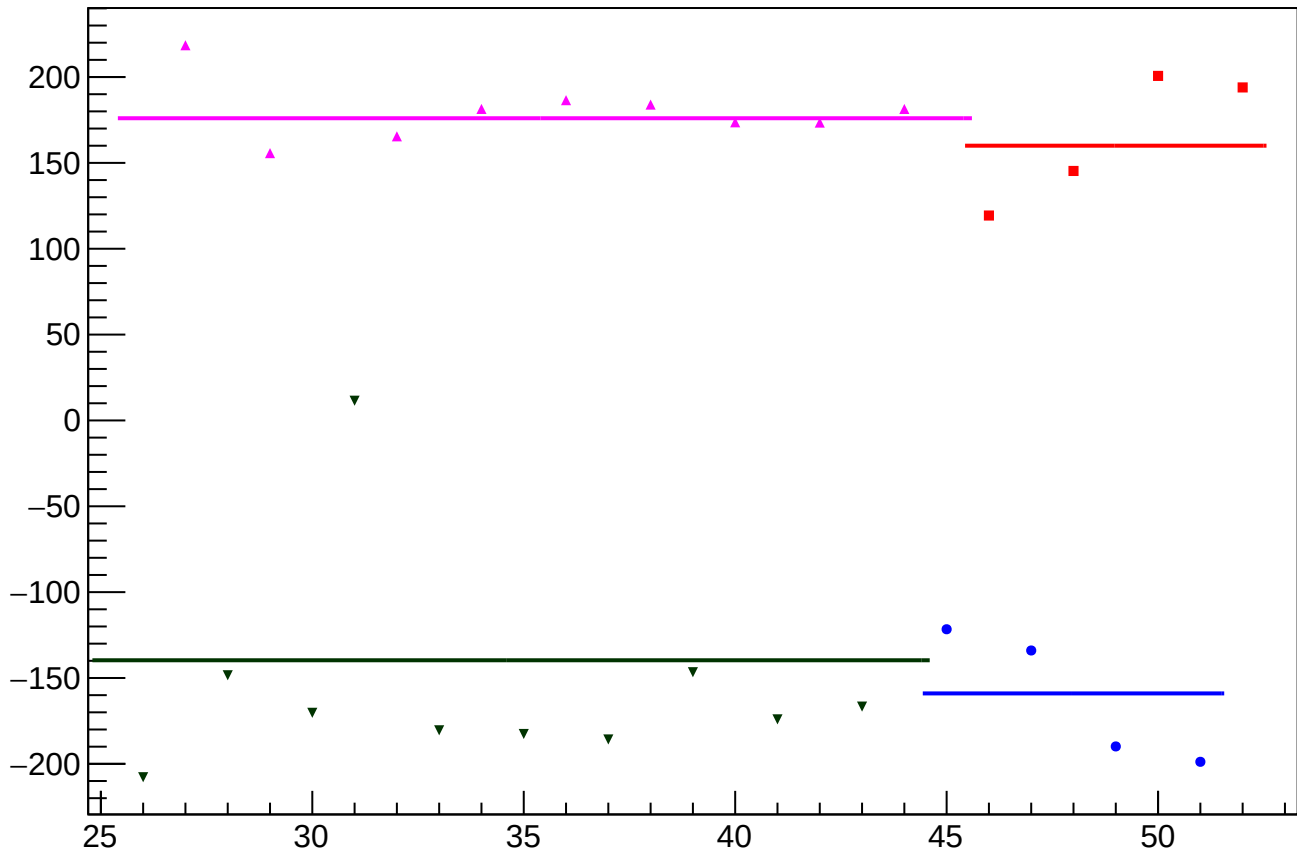
Left Out: 8.478 $\pm$ 0.462 χ^2 /NDF: 669.8/9

Right Out: -8.378 $\pm$ 0.748 χ^2 /NDF: 83.7/3

Left In: -12.522 $\pm$ 0.447 χ^2 /NDF: 88.8/8

-1.108 $\pm$ 0.268 χ^2 /NDF: 2354.6/26

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -158.984+/-0.124 χ^2/NDF : 70798.9/3

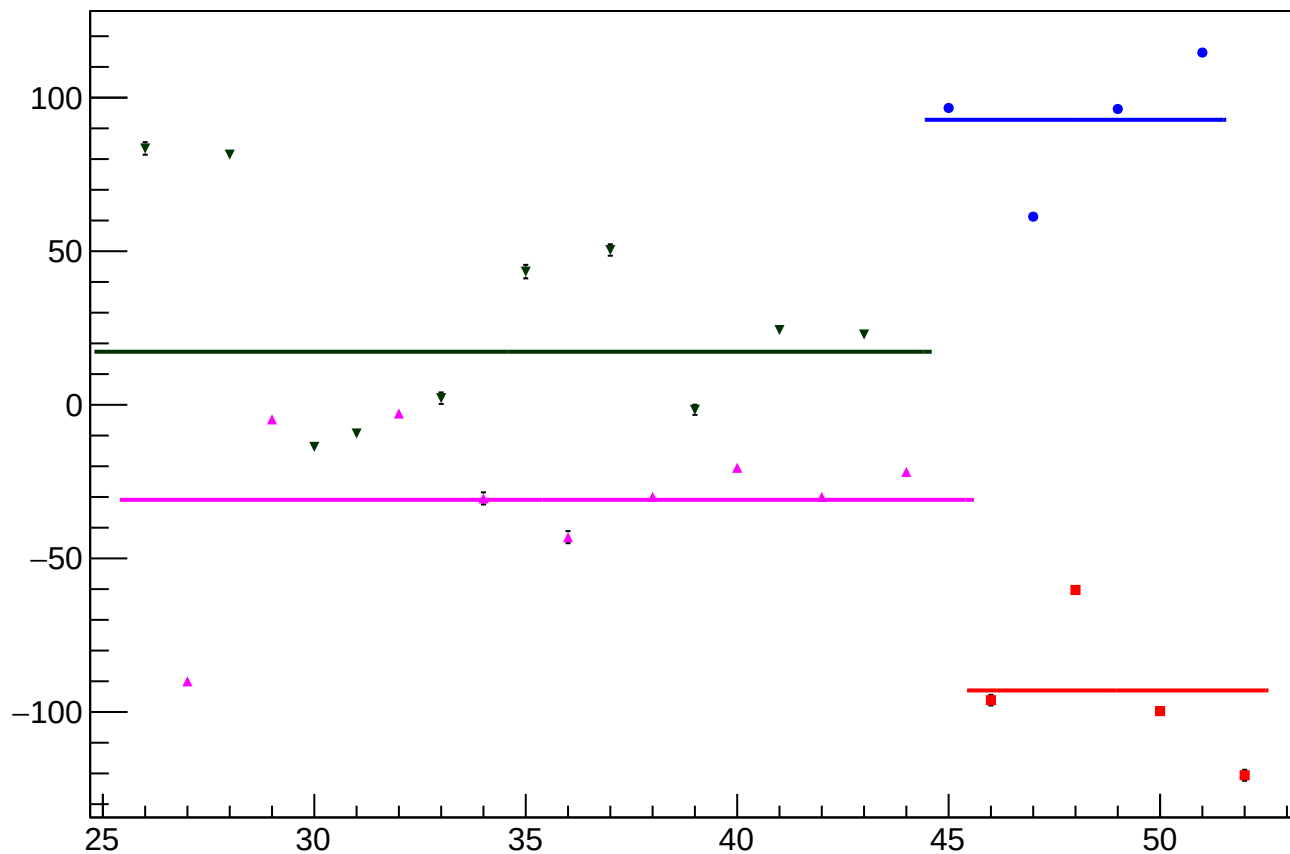
Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

Right Out: 160.017+/-0.139 χ^2/NDF : 60688.8/3

Left In: 176.005+/-0.093 χ^2/NDF : 29134.4/8

-2.121+/-0.052 χ^2/NDF : 10080546.2/26

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 92.793 $\pm$ 0.691 χ^2/NDF : 624.8/3

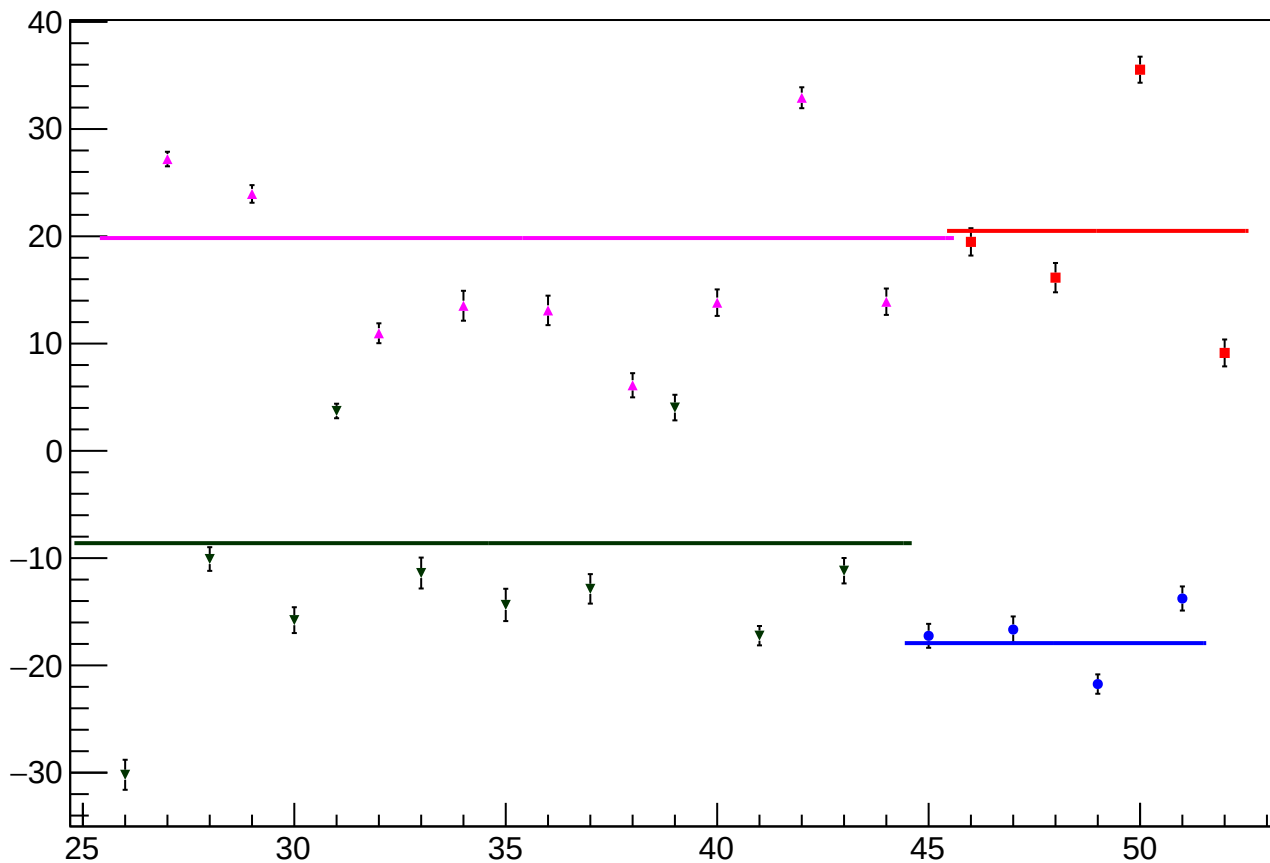
Left Out: 17.287 $\pm$ 0.451 χ^2/NDF : 5099.2/9

Right Out: -92.985 $\pm$ 0.844 χ^2/NDF : 657.0/3

Left In: -30.920 $\pm$ 0.463 χ^2/NDF : 4232.7/8

0.343 $\pm$ 0.276 χ^2/NDF : 46751.5/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -17.924 ± 0.535 $\chi^2/\text{NDF}: 33.0/3$

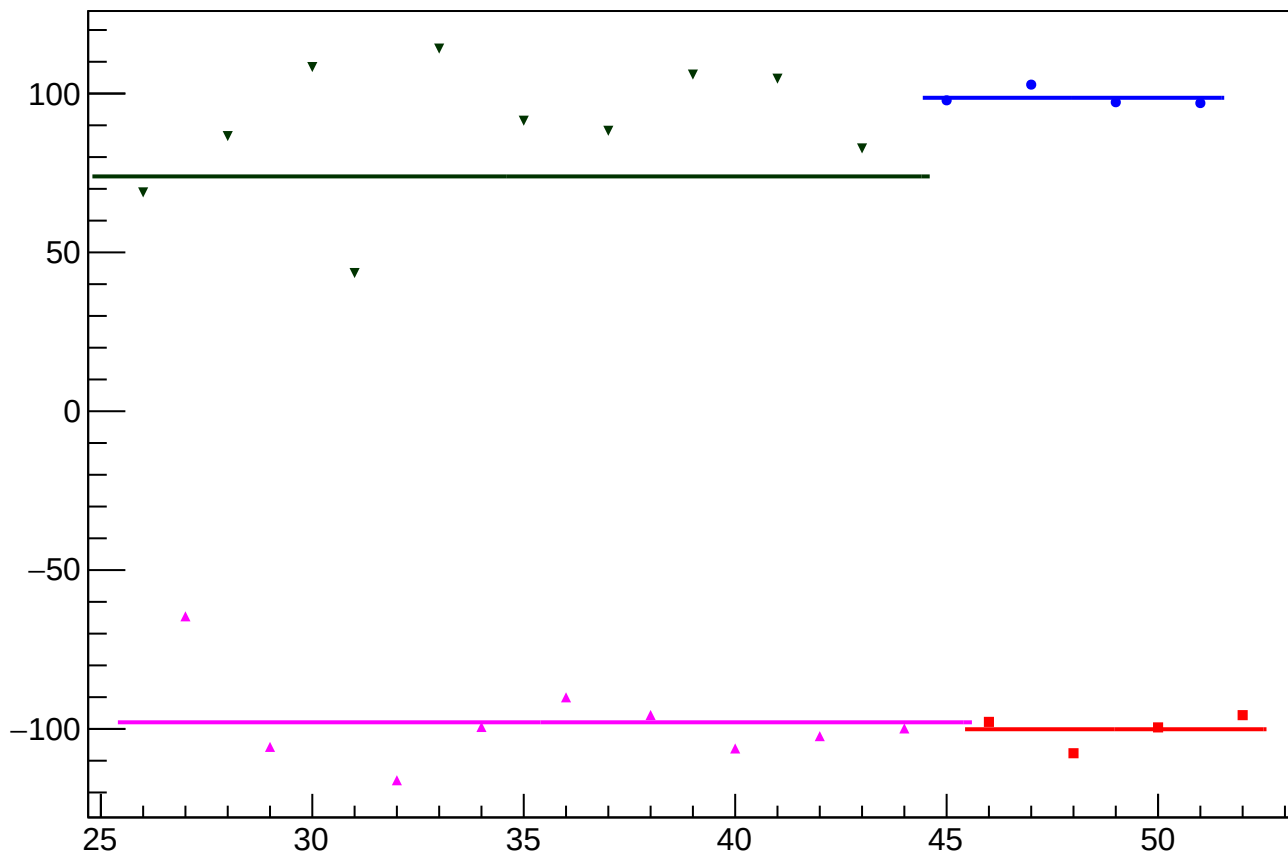
Left Out: -8.606 ± 0.347 $\chi^2/\text{NDF}: 842.3/9$

Right Out: 20.504 ± 0.637 $\chi^2/\text{NDF}: 246.2/3$

Left In: 19.837 ± 0.333 $\chi^2/\text{NDF}: 654.2/8$

4.101 ± 0.207 $\chi^2/\text{NDF}: 7702.3/26$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 98.664 $\pm$ 0.125 χ^2 /NDF: 342.7/3

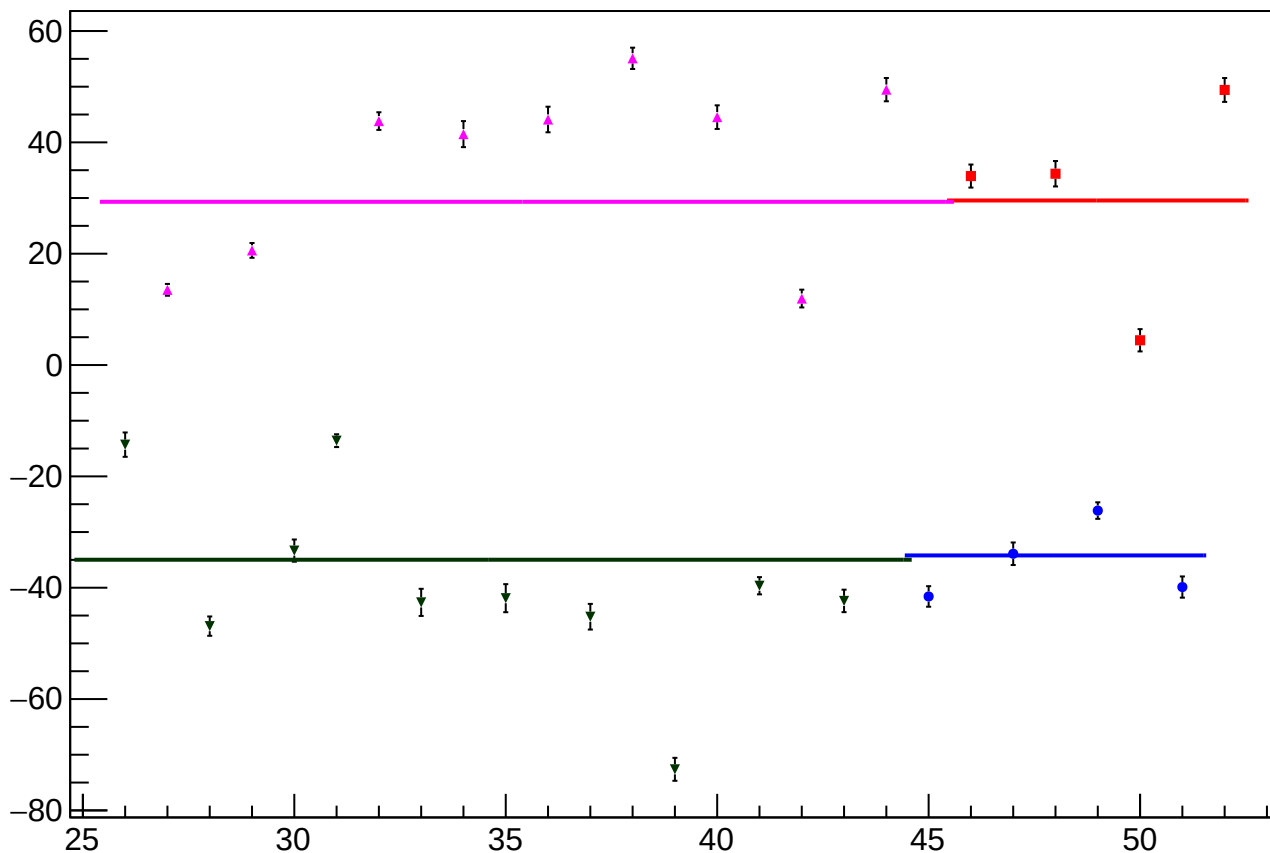
Left Out: 73.915 $\pm$ 0.069 χ^2 /NDF:161181.8/9

2.958 $\pm$ 0.046 χ^2 /NDF: 3963608.1/26

Right Out: -100.098 $\pm$ 0.146 χ^2 /NDF: 940.6/3

Left In: -97.913 $\pm$ 0.079 χ^2 /NDF:43937.6/8

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -34.200 ± 0.889 χ^2/NDF : 54.3/3

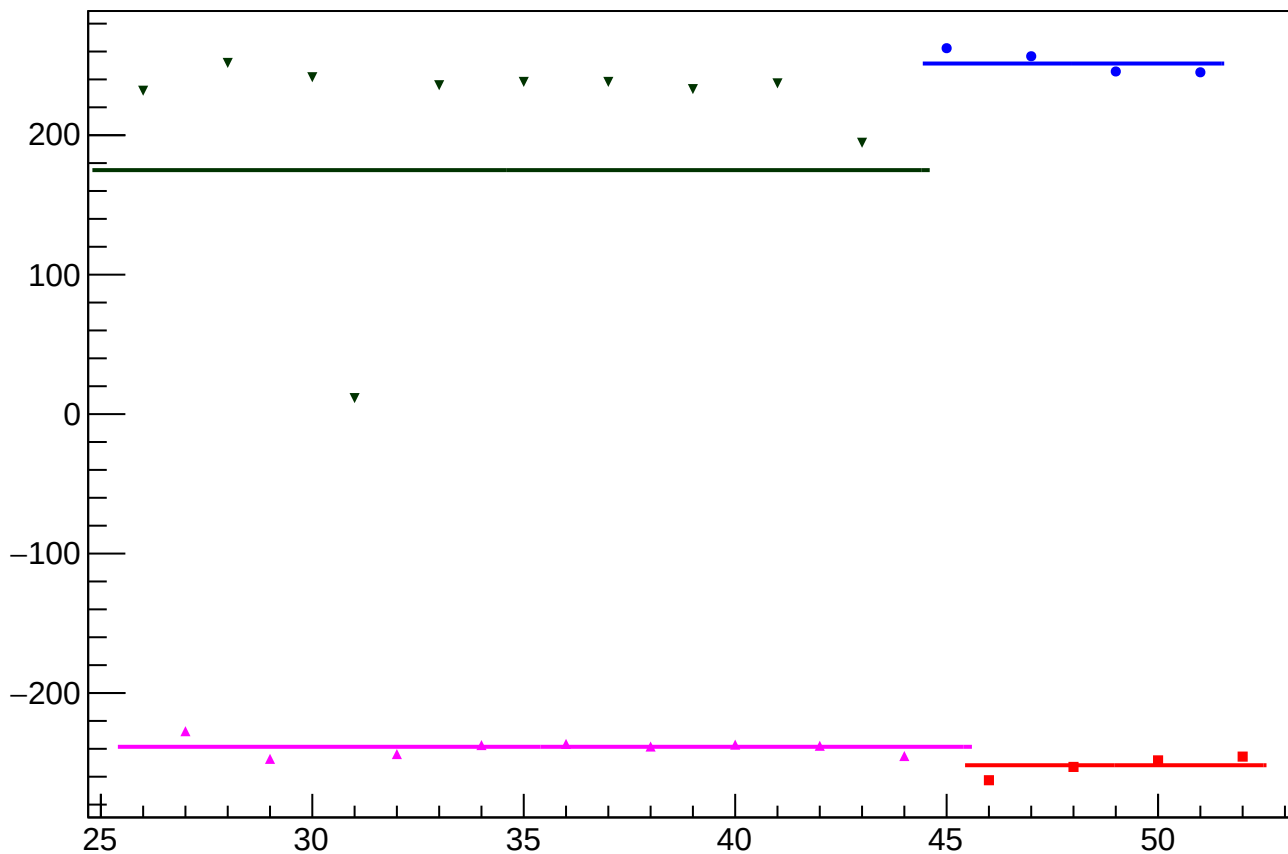
Left Out: -34.973 ± 0.581 χ^2/NDF : 875.4/9

Right Out: 29.558 ± 1.059 χ^2/NDF : 251.9/3

Left In: 29.322 ± 0.547 χ^2/NDF : 861.1/8

-2.663 ± 0.344 χ^2/NDF : 10734.4/26

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 251.397 $\pm$ 0.173 χ^2 /NDF: 1747.2/3

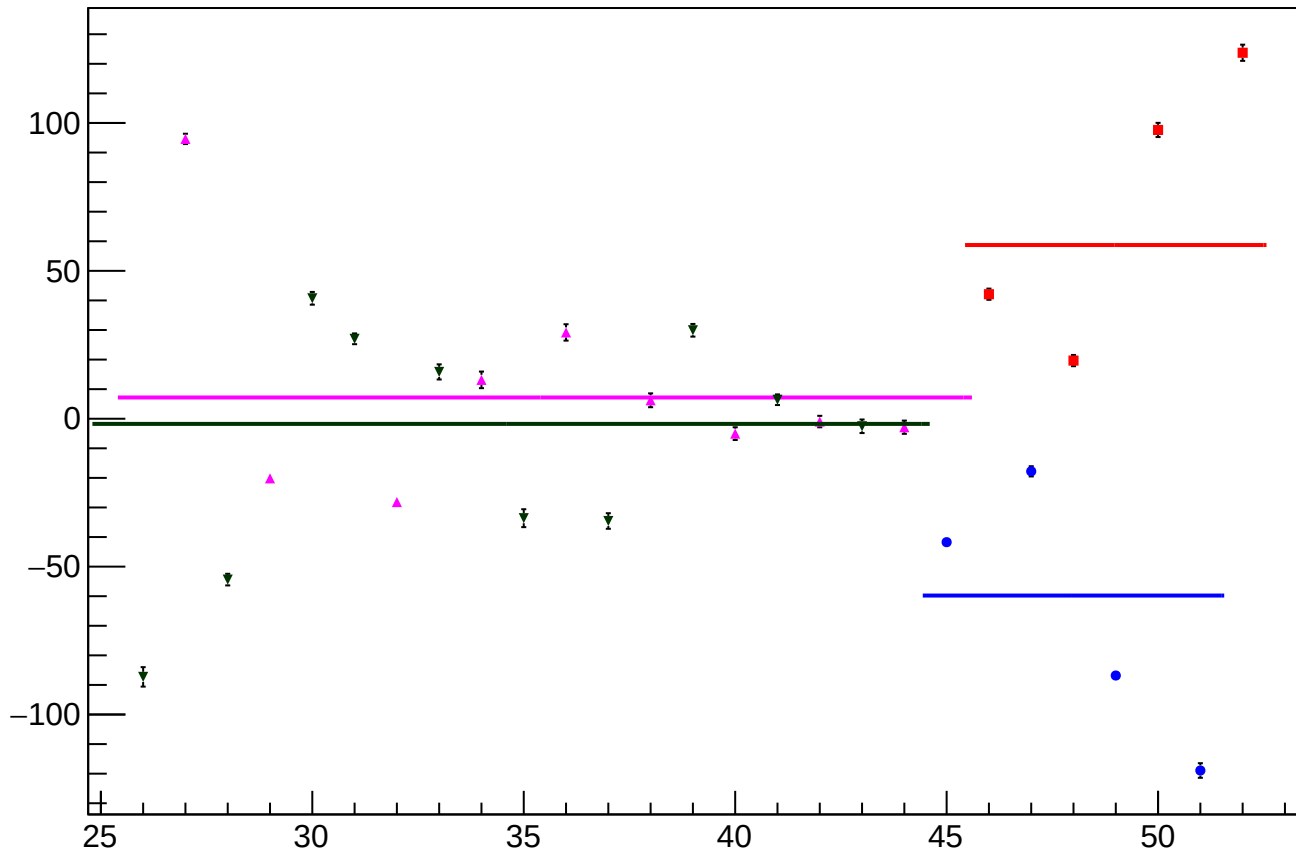
Left Out: 174.958 $\pm$ 0.106 χ^2 /NDF: 866358.0/9

Right Out: -251.776 $\pm$ 0.194 χ^2 /NDF: 1072.0/3

Left In: -238.557 $\pm$ 0.118 χ^2 /NDF: 3005.9/8

-0.182 $\pm$ 0.067 χ^2 /NDF: 11469562.3/26

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -59.778 ± 0.902 $\chi^2/\text{NDF}: 1558.6/3$

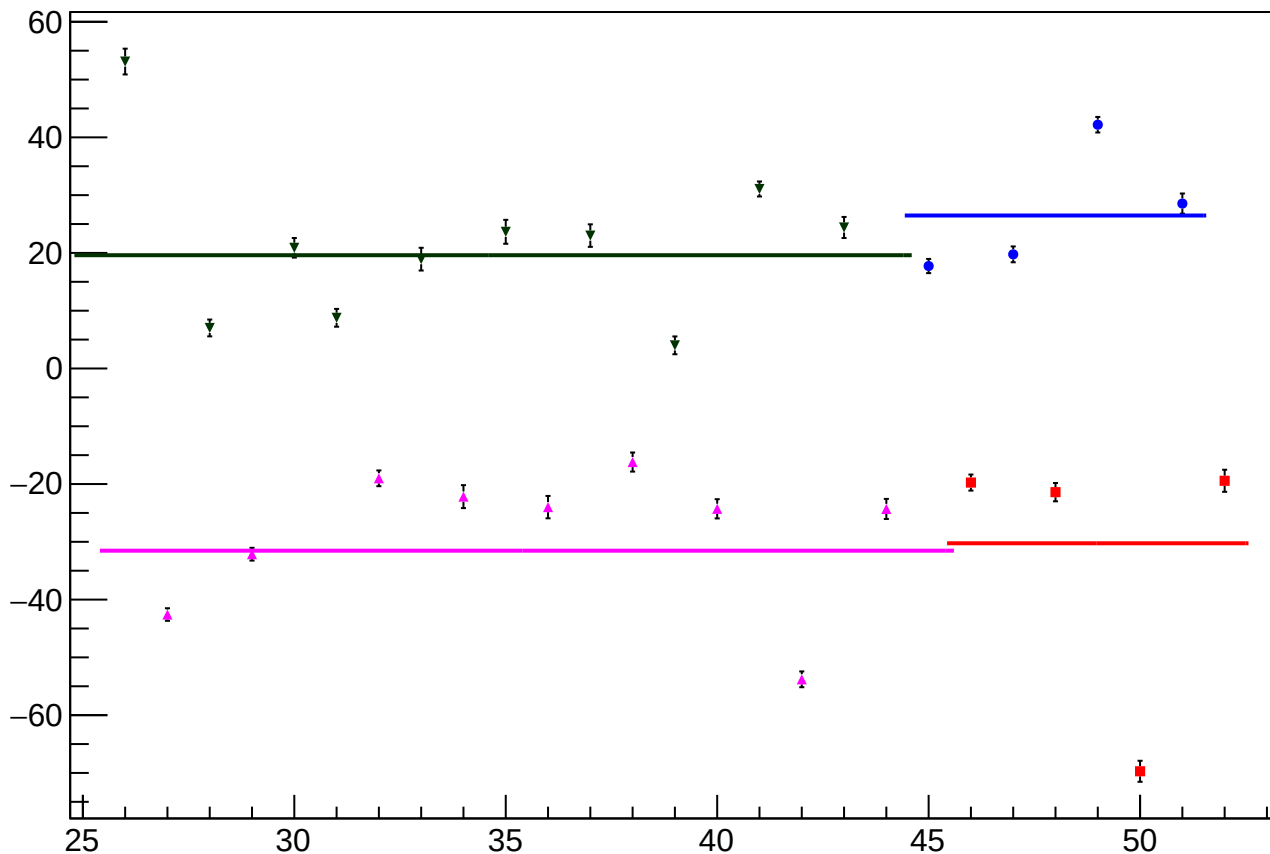
Left Out: -1.743 ± 0.709 $\chi^2/\text{NDF}: 2580.4/9$

Right Out: 58.731 ± 1.077 $\chi^2/\text{NDF}: 1325.6/3$

Left In: 7.188 ± 0.664 $\chi^2/\text{NDF}: 3435.5/8$

-1.575 ± 0.397 $\chi^2/\text{NDF}: 16370.9/26$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 26.475+/-0.695 χ^2/NDF : 212.0/3

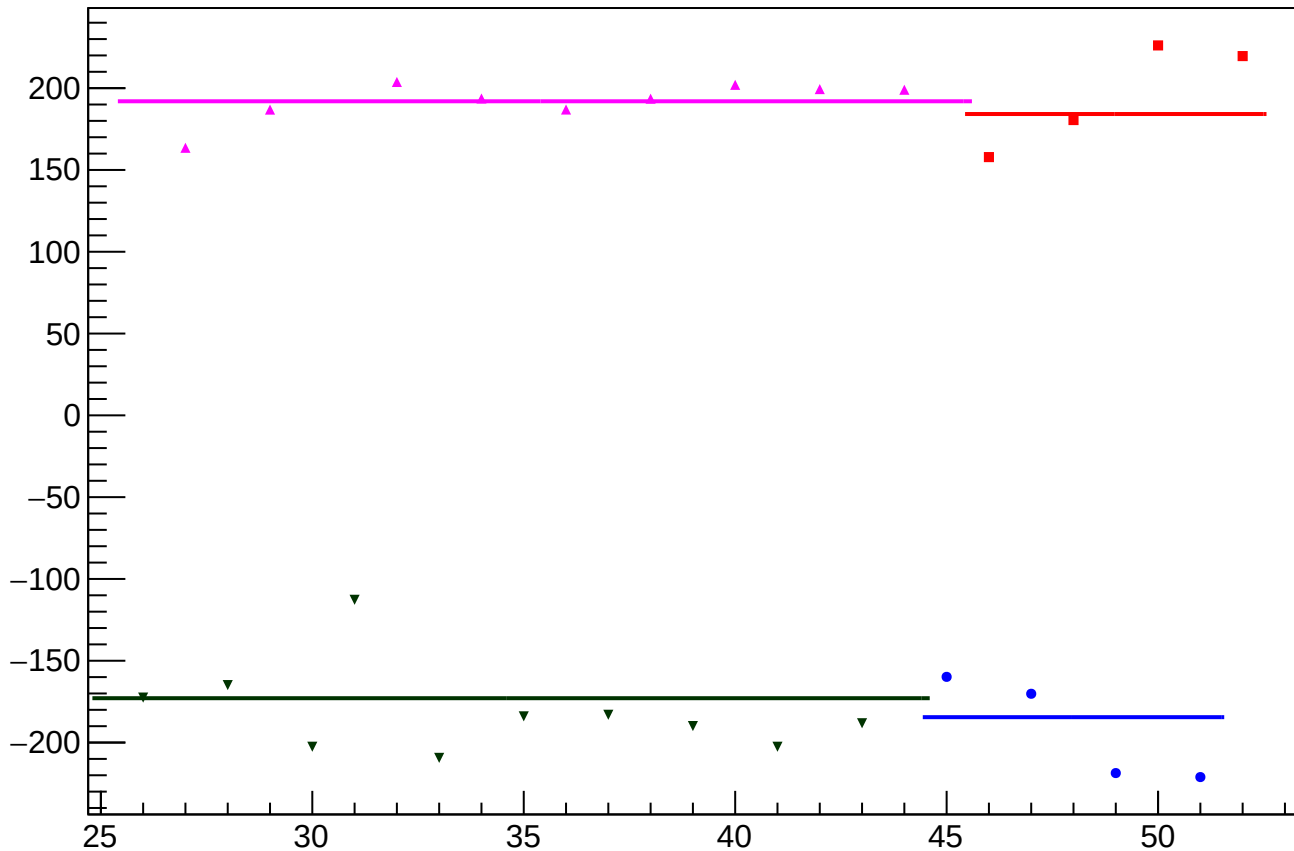
Left Out: 19.603+/-0.534 χ^2/NDF : 544.7/9

Right Out: -30.252+/-0.819 χ^2/NDF : 590.3/3

Left In: -31.535+/-0.482 χ^2/NDF : 612.9/8

-5.043+/-0.296 χ^2/NDF : 10125.2/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -184.489+/-0.159 χ^2/NDF : 28172.4/3

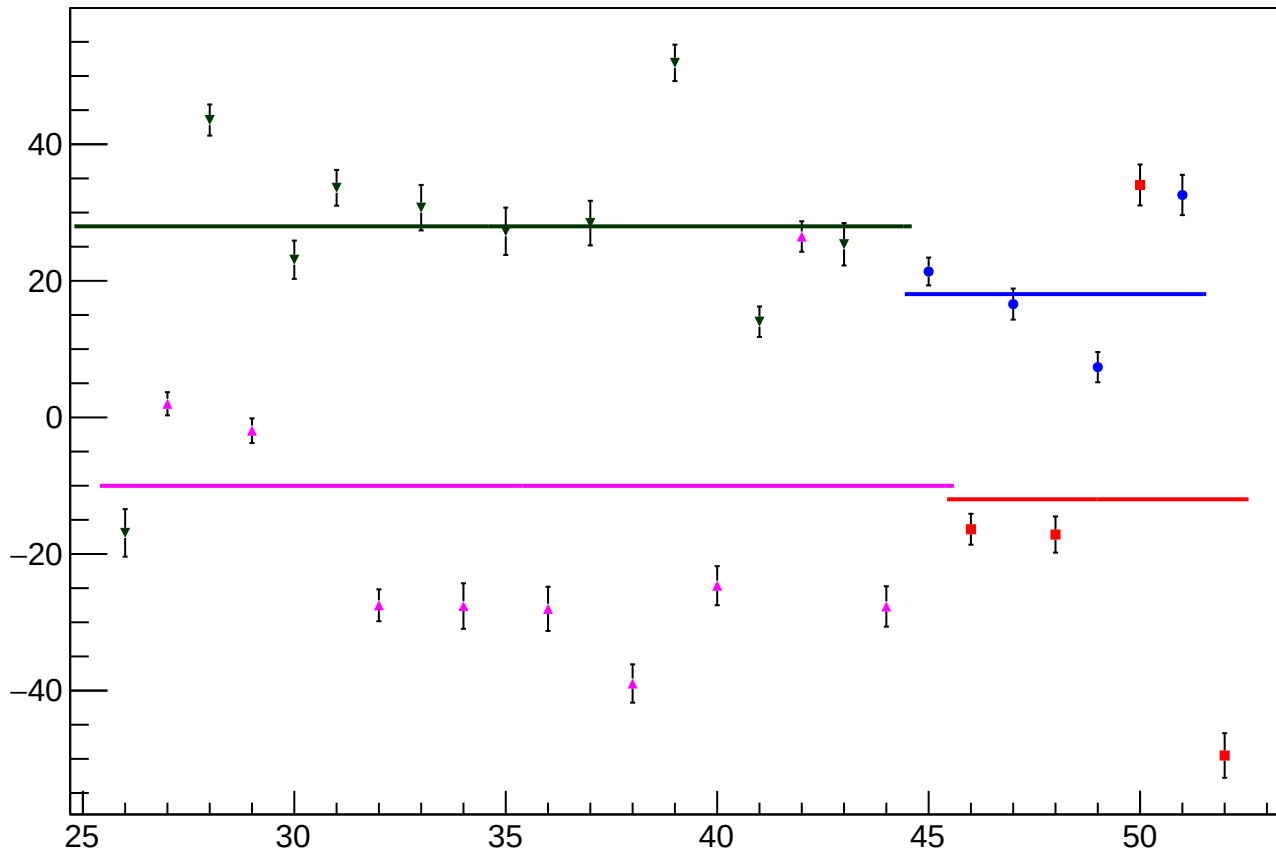
Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

Right Out: 184.191+/-0.182 χ^2/NDF : 22577.9/3

Left In: 191.976+/-0.115 χ^2/NDF : 12393.0/8

-1.797+/-0.067 χ^2/NDF : 7627347.3/26

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 18.059 ± 1.152 χ^2/NDF : 50.6/3

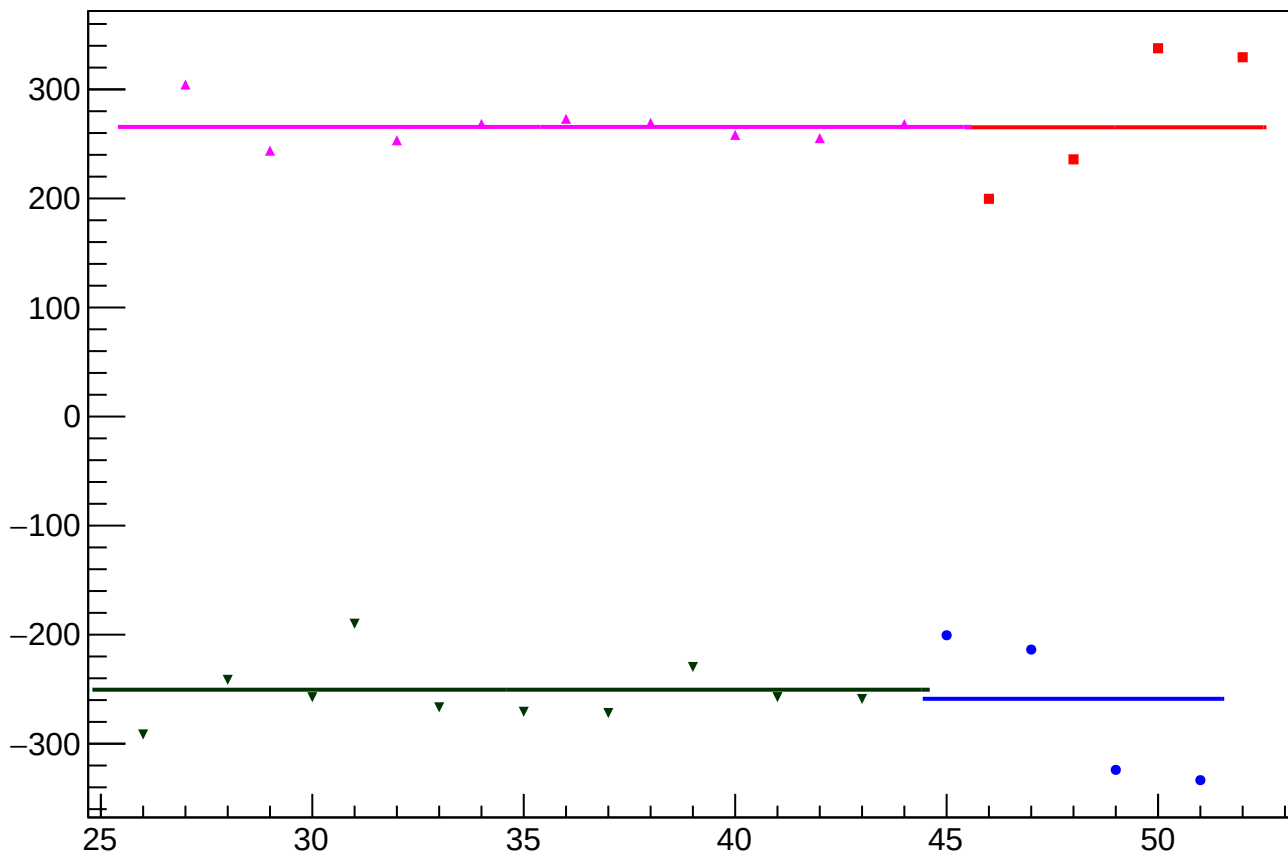
Left Out: 27.983 ± 0.890 χ^2/NDF : 341.9/9

Right Out: -11.989 ± 1.359 χ^2/NDF : 374.7/3

Left In: -10.018 ± 0.793 χ^2/NDF : 620.8/8

6.386 ± 0.491 χ^2/NDF : 2689.4/26

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -258.827+/-0.225 χ^2/NDF : 71004.0/3

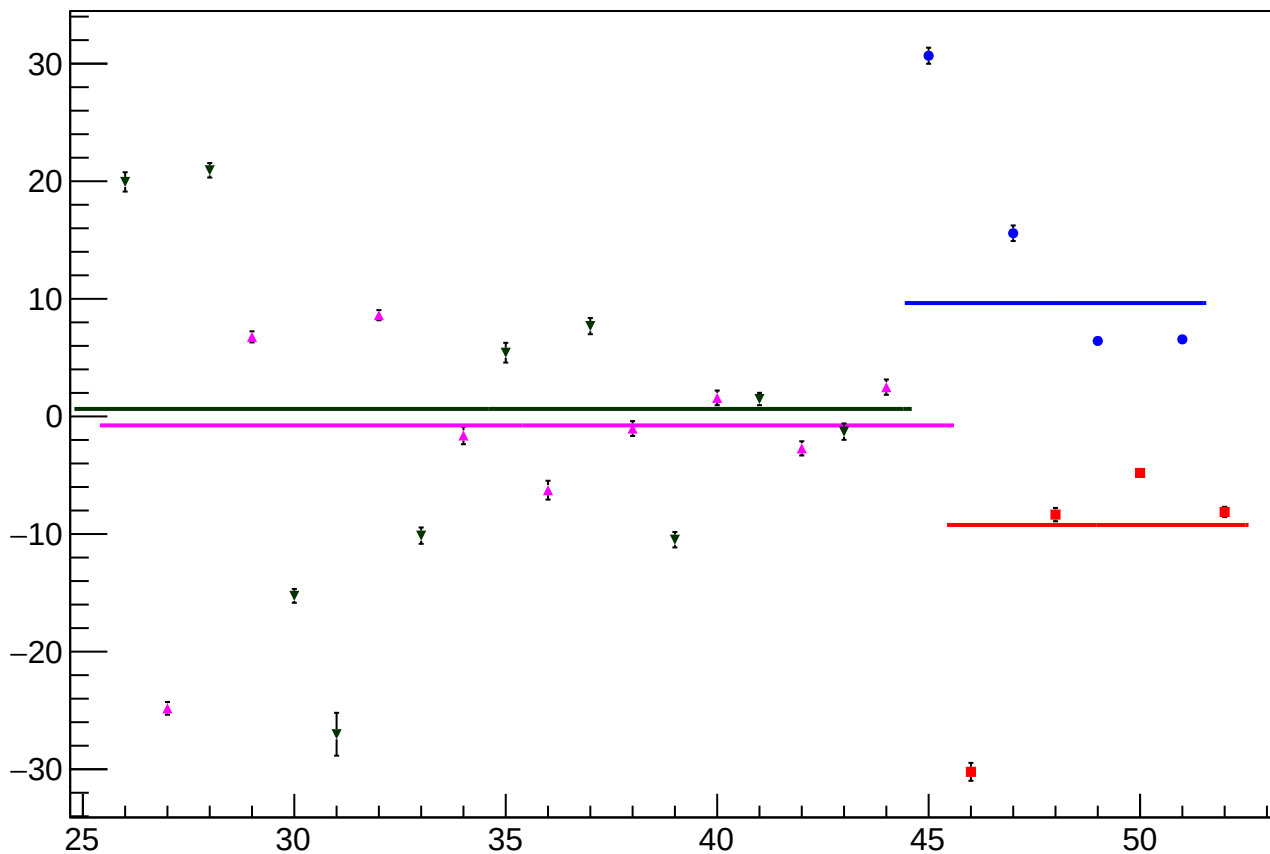
Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

Right Out: 265.252+/-0.254 χ^2/NDF : 55829.4/3

Left In: 265.603+/-0.168 χ^2/NDF : 12152.3/8

-8.308+/-0.096 χ^2/NDF : 7409731.7/26

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.641 ± 0.210 χ^2/NDF : 1209.4/3

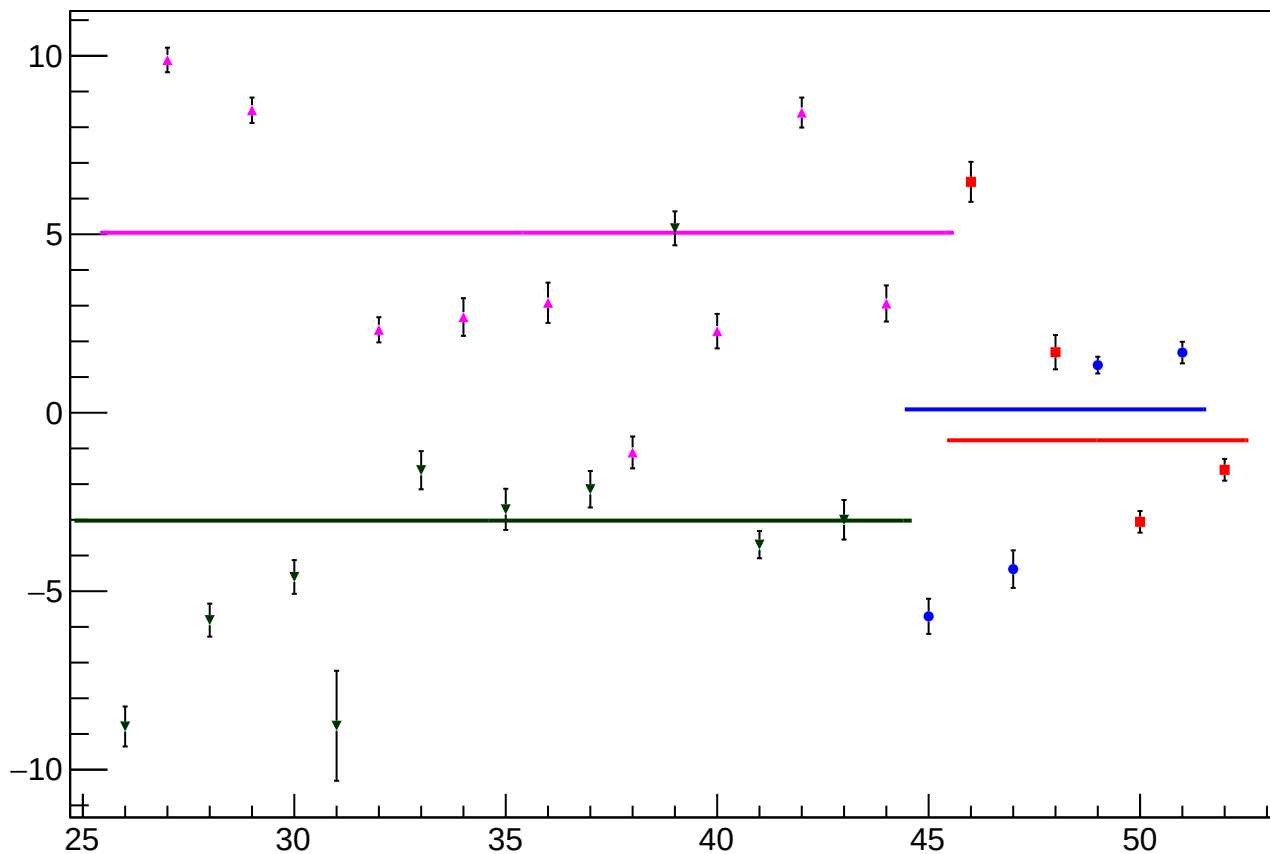
Left Out: 0.639 ± 0.219 χ^2/NDF : 3258.0/9

Right Out: -9.229 ± 0.247 χ^2/NDF : 890.7/3

Left In: -0.761 ± 0.193 χ^2/NDF : 2789.0/8

0.709 ± 0.107 χ^2/NDF : 11632.5/26

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.094 ± 0.165 $\chi^2/\text{NDF}: 266.6/3$

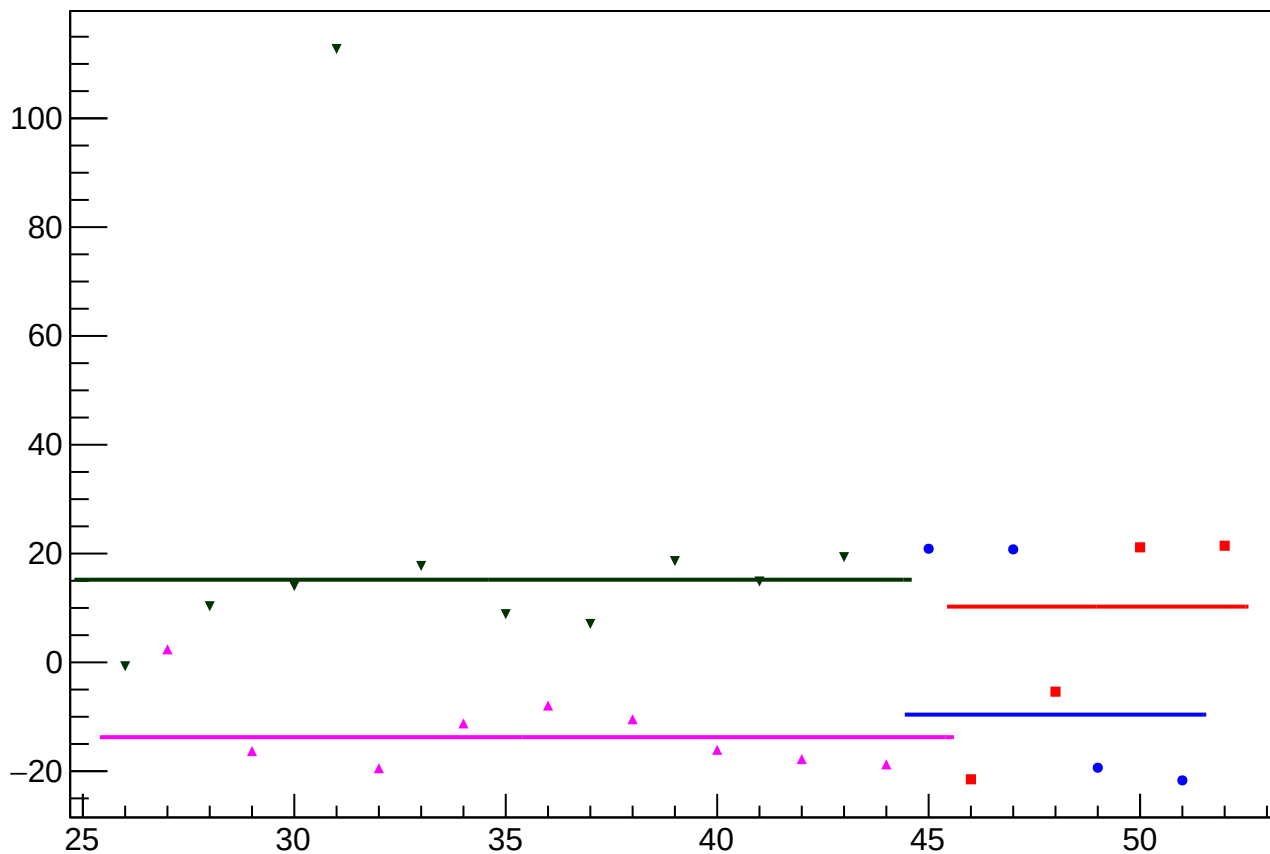
Left Out: -3.022 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

Right Out: -0.771 ± 0.185 $\chi^2/\text{NDF}: 257.5/3$

Left In: 5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

0.776 ± 0.081 $\chi^2/\text{NDF}: 3226.7/26$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -9.604+/-0.040 χ^2/NDF : 207216.5/3

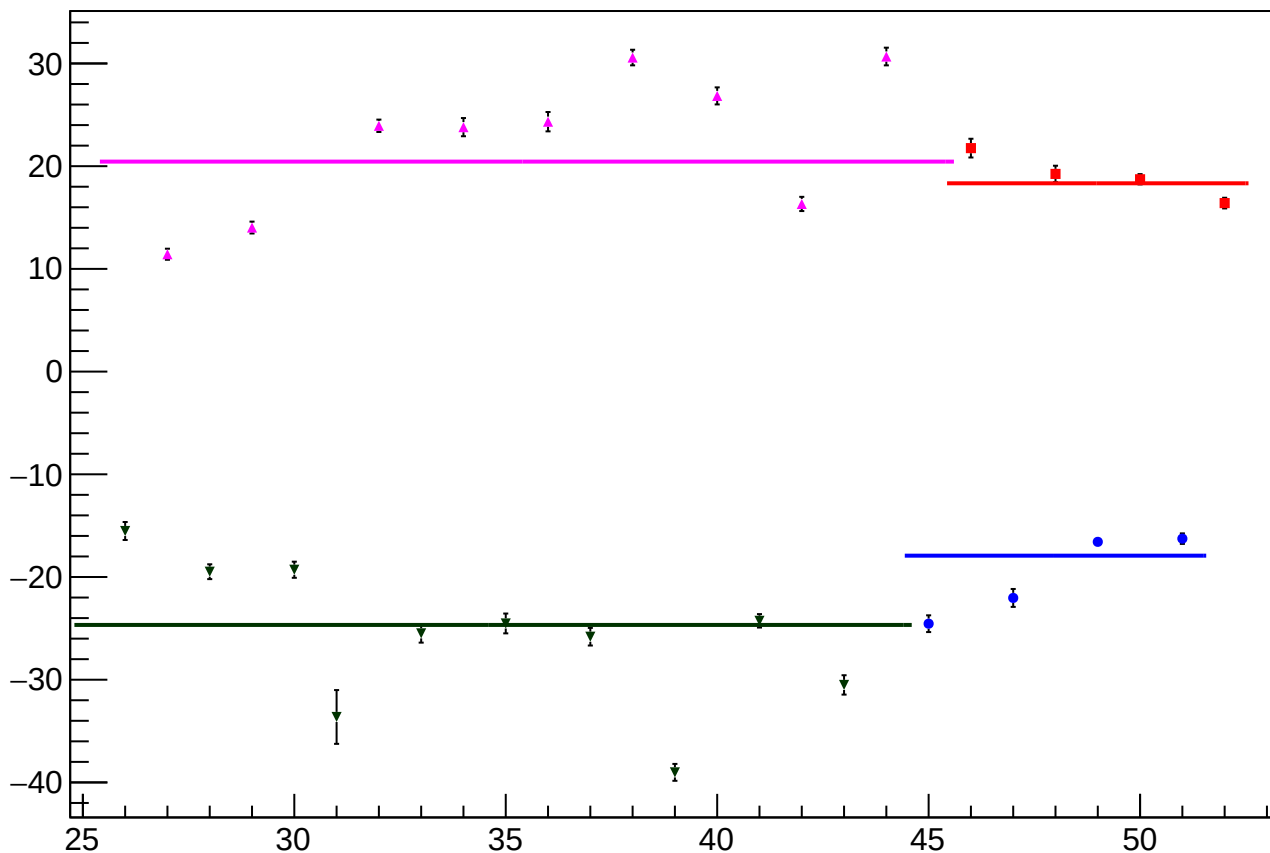
Left Out: 15.193+/-0.036 χ^2/NDF : 187459.6/9

Right Out: 10.248+/-0.044 χ^2/NDF : 141120.5/3

Left In: -13.747+/-0.033 χ^2/NDF : 44234.8/8

-0.743+/-0.019 χ^2/NDF : 1044310.9/26

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -17.922 ± 0.274 $\chi^2/\text{NDF}: 110.9/3$

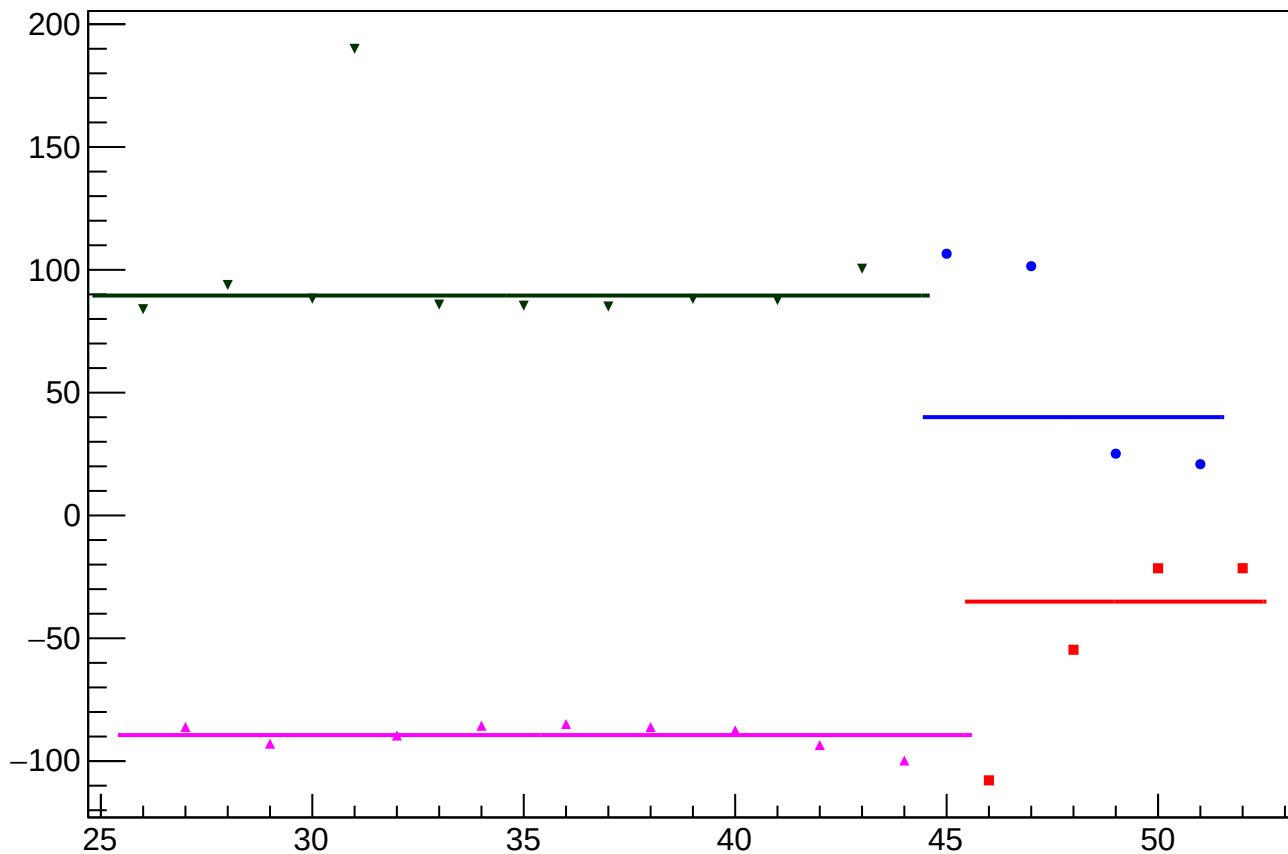
Left Out: -24.666 ± 0.271 $\chi^2/\text{NDF}: 565.7/9$

Right Out: 18.333 ± 0.309 $\chi^2/\text{NDF}: 29.8/3$

Left In: 20.445 ± 0.234 $\chi^2/\text{NDF}: 882.4/8$

-0.189 ± 0.134 $\chi^2/\text{NDF}: 25280.5/26$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 40.030+/-0.053 χ^2/NDF : 377236.0/3

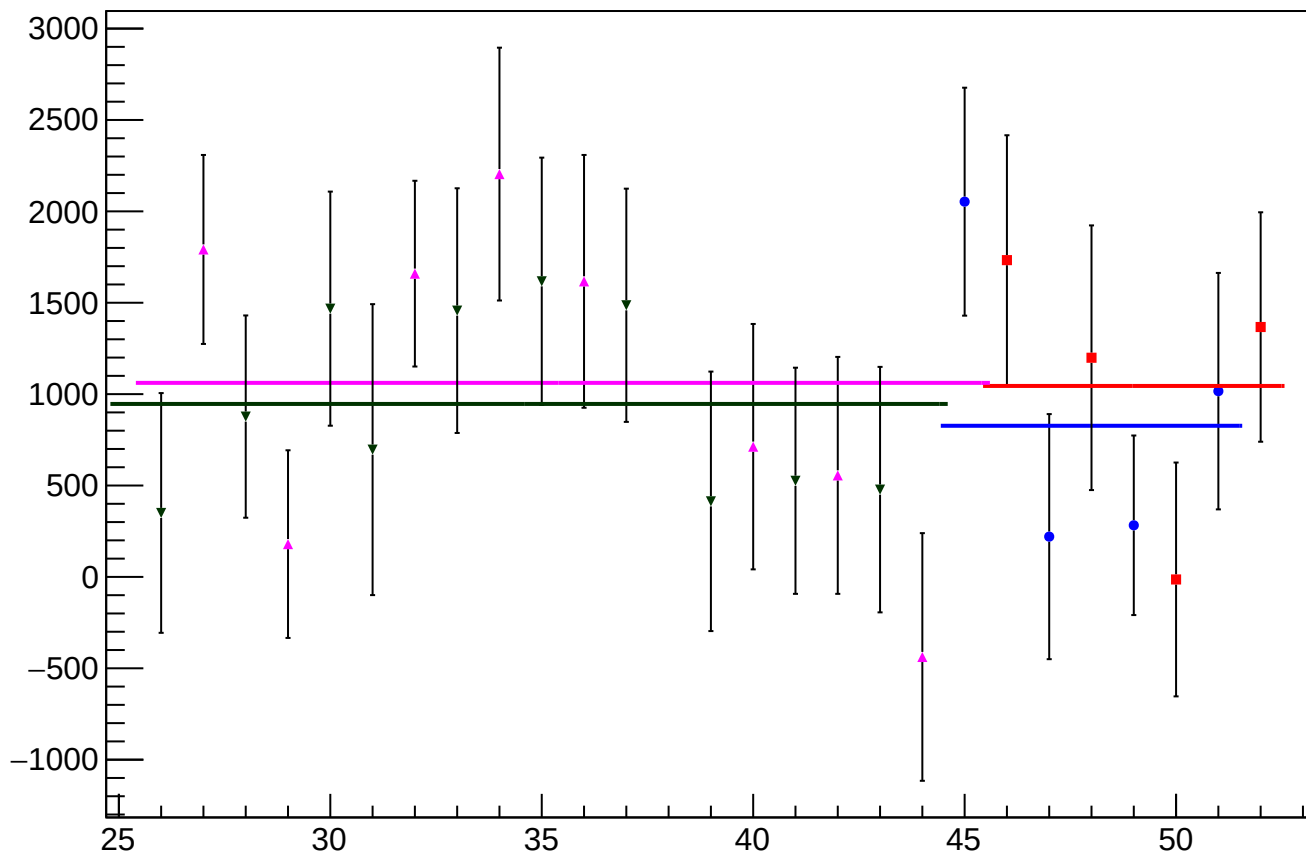
Left Out: 89.539+/-0.050 χ^2/NDF : 54620.6/9

1.216+/-0.026 χ^2/NDF : 8249648.1/26

Right Out: -35.069+/-0.055 χ^2/NDF : 231012.0/3

Left In: -89.397+/-0.049 χ^2/NDF : 7803.1/8

reg_asym_atl1_mean vs slug



Right In: 826.883 ± 297.072 χ^2/NDF : 6.0/3

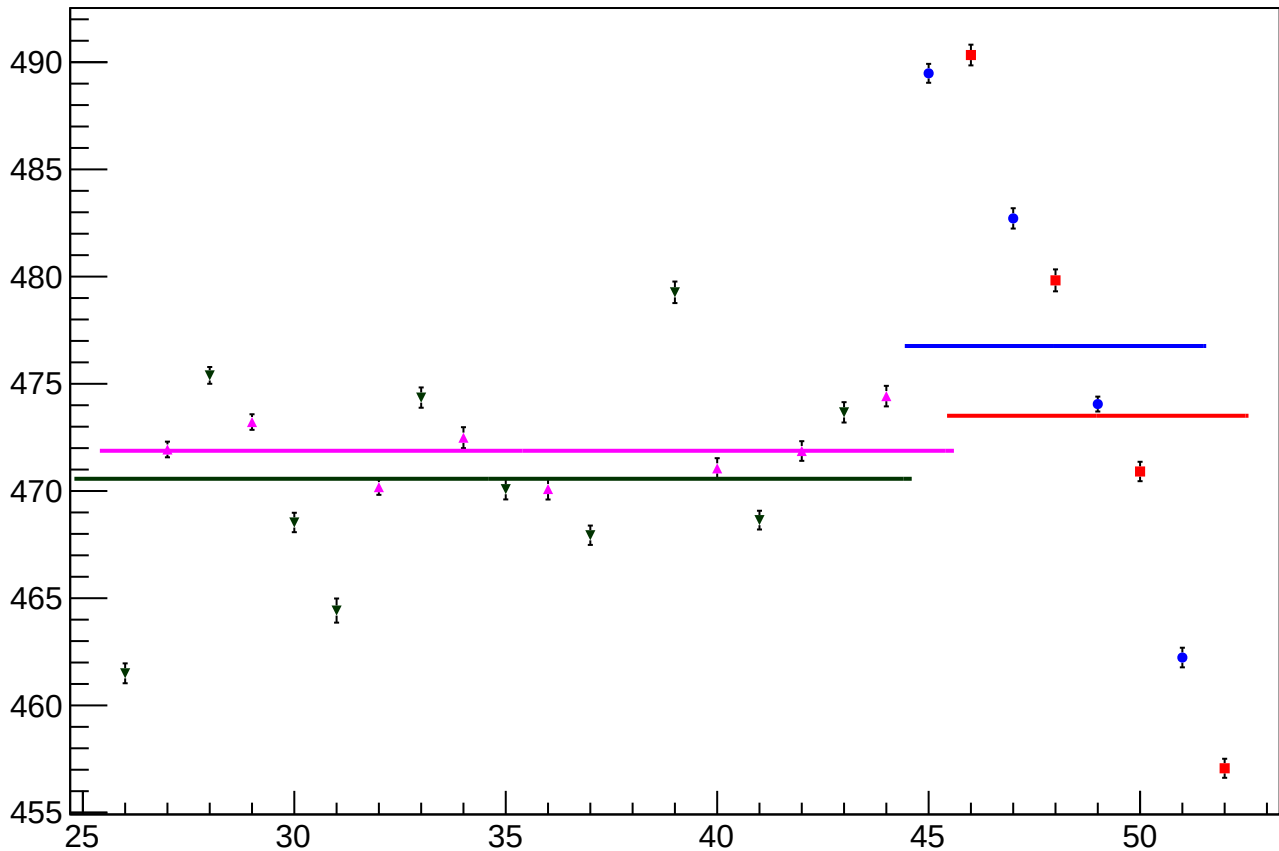
Left Out: 946.340 ± 207.194 χ^2/NDF : 5.4/9

Right Out: 1044.805 ± 332.746 χ^2/NDF : 4.1/3

Left In: 1061.666 ± 211.442 χ^2/NDF : 15.5/7

978.378 ± 123.069 χ^2/NDF : 31.4/25

reg_asym_atl1_rms vs slug



Right In: 476.763 ± 0.210 χ^2/NDF : 2059.5/3

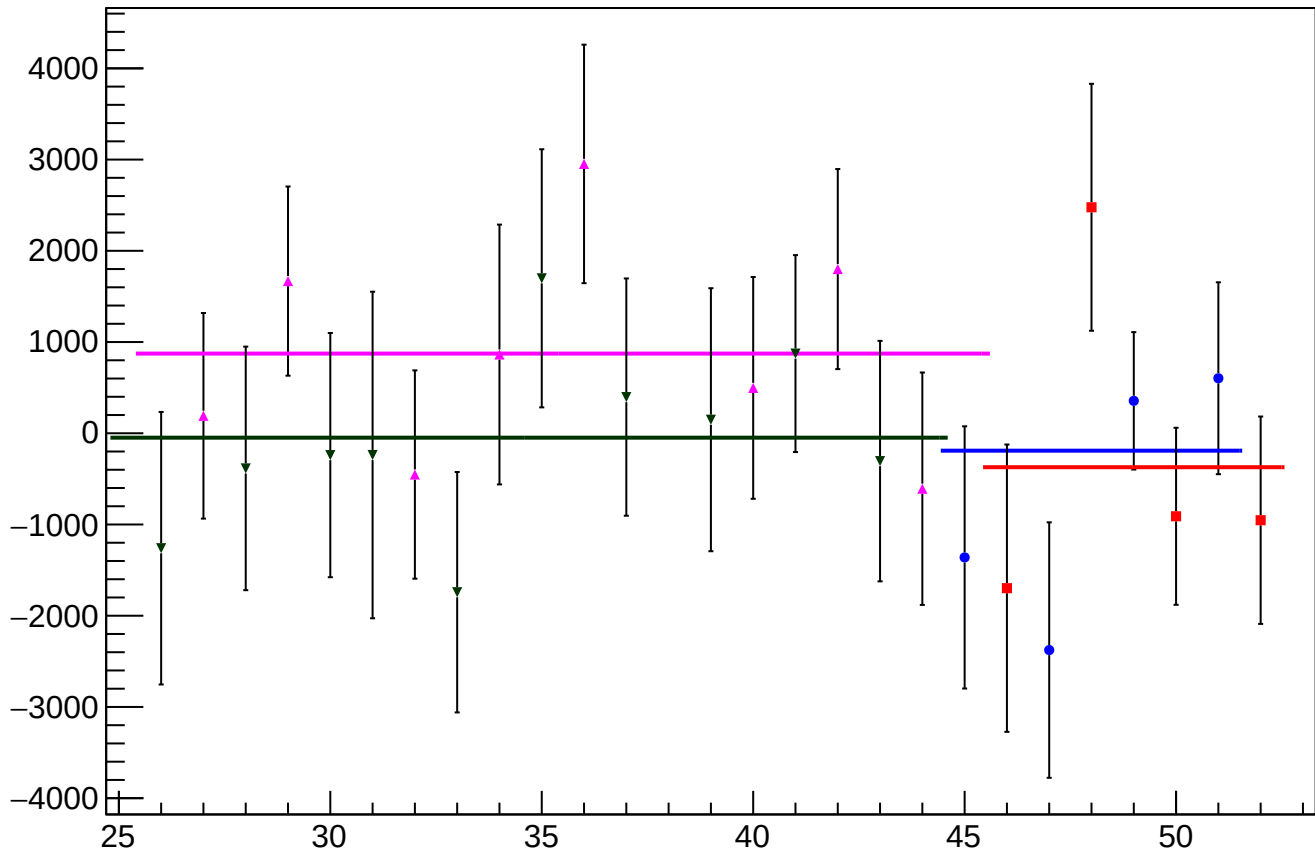
Left Out: 470.570 ± 0.147 χ^2/NDF : 1135.4/9

Right Out: 473.509 ± 0.235 χ^2/NDF : 2770.2/3

Left In: 471.876 ± 0.150 χ^2/NDF : 82.1/7

472.478 ± 0.087 χ^2/NDF : 6668.3/25

asym_atl1_correction_mean vs slug



Right In: -190.791 ± 522.586 χ^2/NDF : 4.2/3

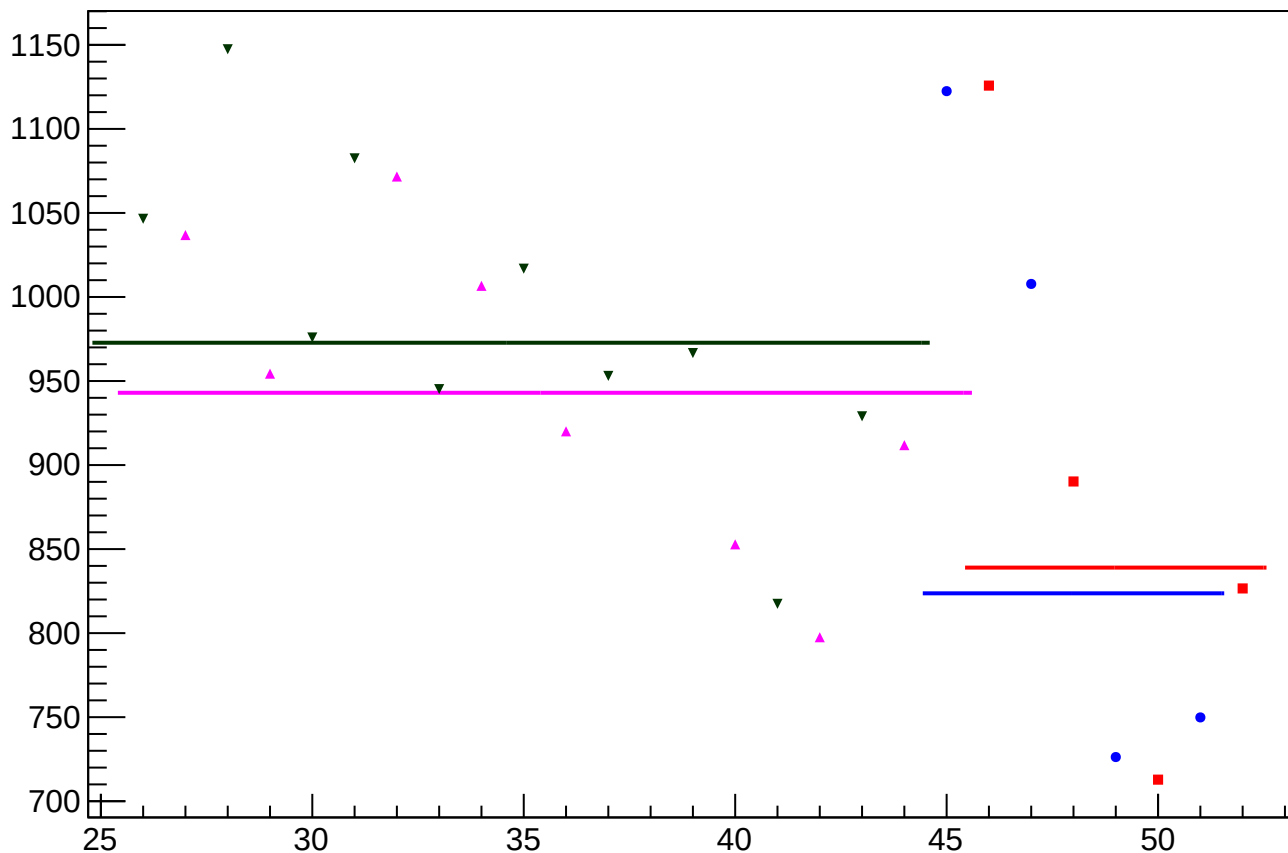
Left Out: -48.293 ± 427.890 χ^2/NDF : 4.8/9

168.703 ± 238.386 χ^2/NDF : 26.1/25

Right Out: -372.207 ± 599.169 χ^2/NDF : 5.7/3

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

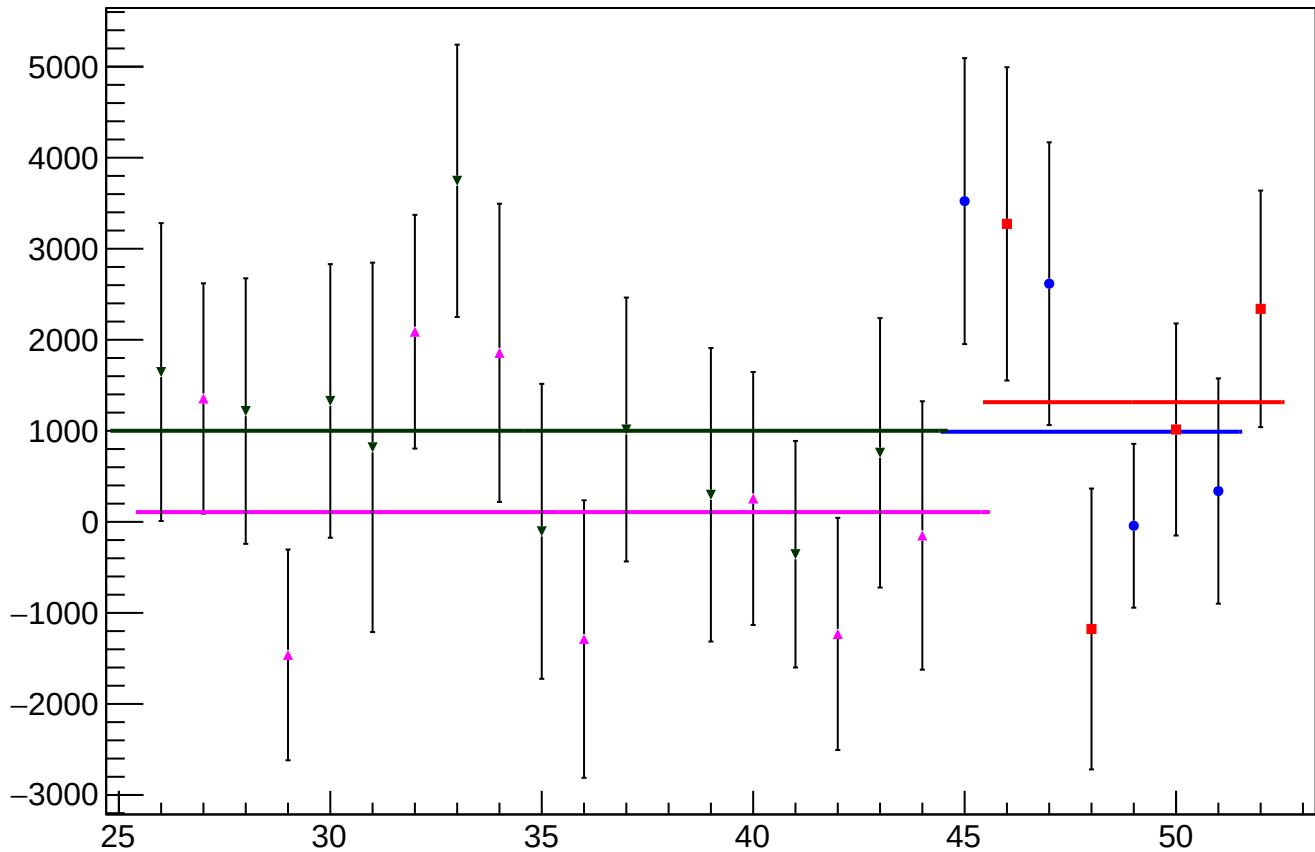
Left Out: 972.778 $\pm$ 0.303 χ^2 /NDF: 93572.5/9

Right Out: 838.991 $\pm$ 0.424 χ^2 /NDF: 103232.7/3

Left In: 943.004 $\pm$ 0.296 χ^2 /NDF: 91510.1/7

910.951 $\pm$ 0.169 χ^2 /NDF: 590708.9/25

asym_atl1_mean vs slug



Right In: 989.929+/-607.607 χ^2/NDF : 5.3/3

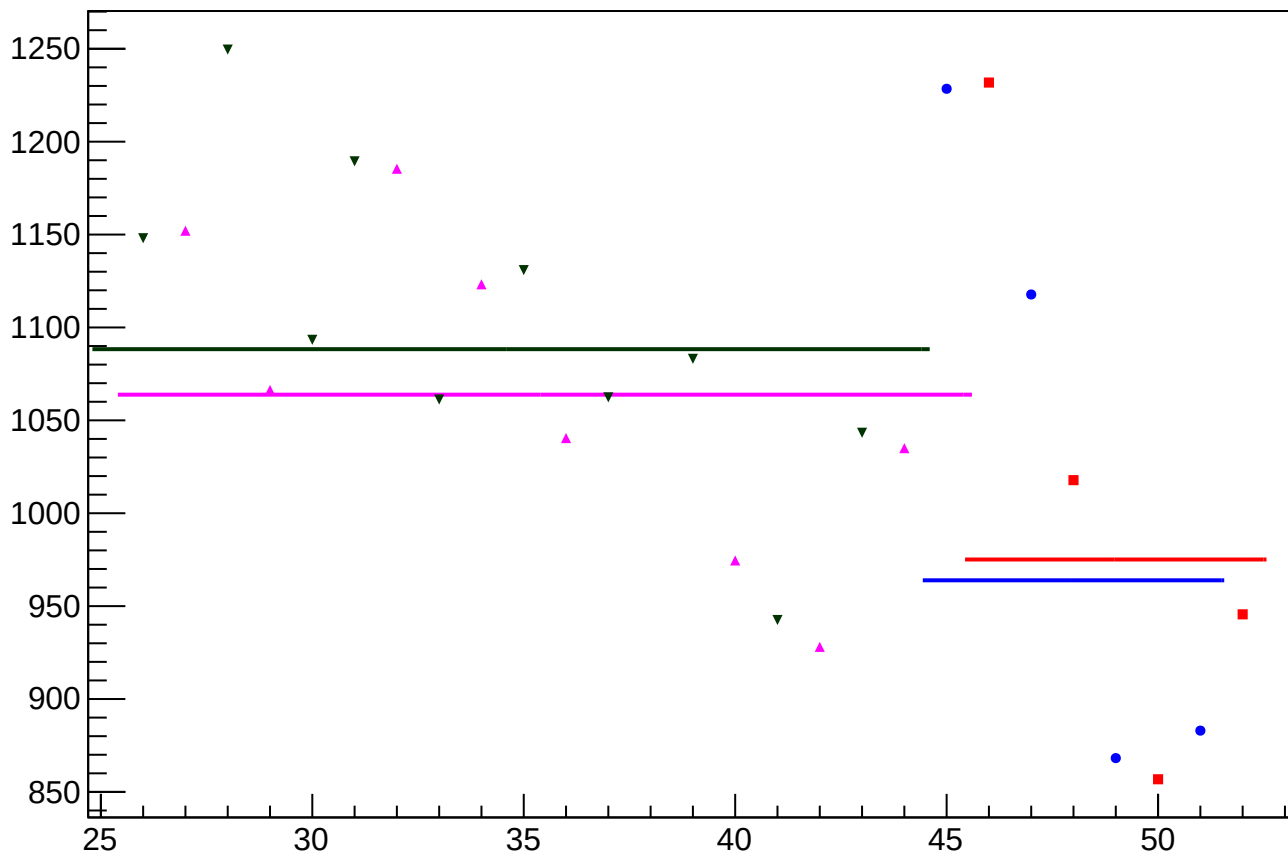
Left Out: 1000.567+/-481.078 χ^2/NDF : 5.5/9

757.453+/-272.257 χ^2/NDF : 26.6/25

Right Out: 1314.711+/-692.200 χ^2/NDF : 4.6/3

Left In: 107.491+/-478.124 χ^2/NDF : 8.3/7

asym_atl1_rms vs slug



Right In: 963.899+/-0.430 χ^2/NDF : 107566.7/3

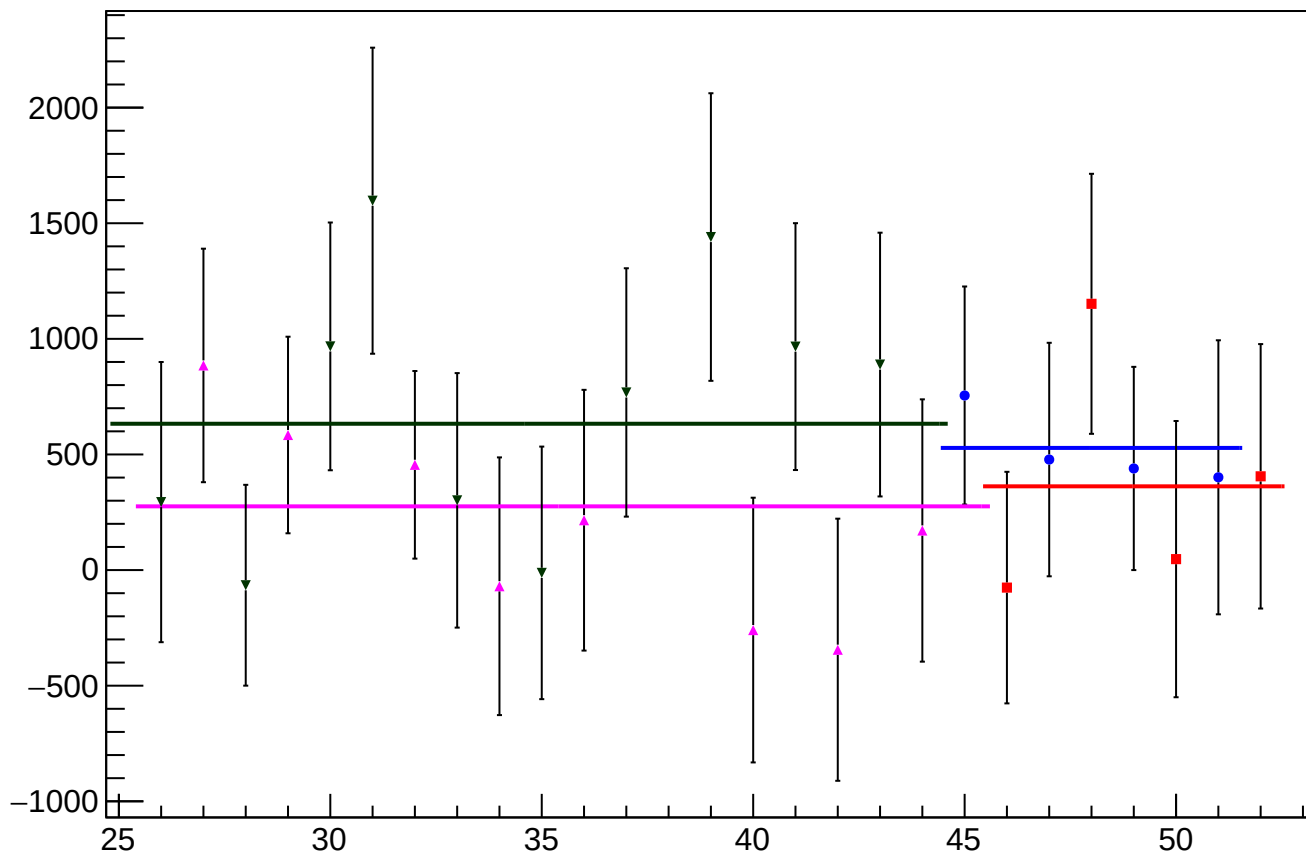
Left Out: 1088.314+/-0.340 χ^2/NDF : 64102.3/9

Right Out: 975.097+/-0.489 χ^2/NDF : 67702.5/3

Left In: 1063.822+/-0.338 χ^2/NDF : 62470.9/7

1037.878+/-0.193 χ^2/NDF : 375814.4/25

reg_asym_atl2_mean vs slug



Right In: 528.303+/-246.582 χ^2/NDF : 0.3/3

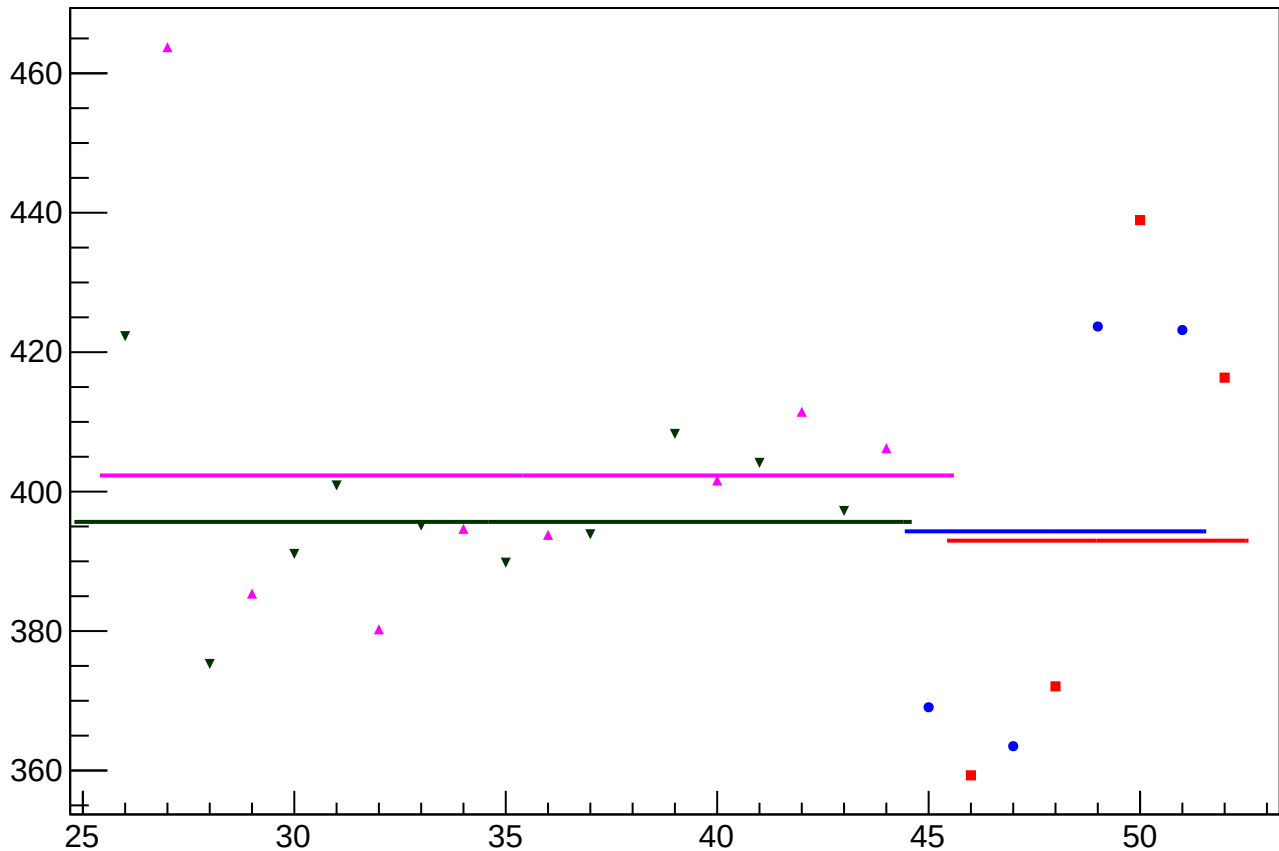
Left Out: 632.818+/-173.856 χ^2/NDF : 9.5/9

Right Out: 362.158+/-277.224 χ^2/NDF : 3.0/3

Left In: 275.571+/-179.114 χ^2/NDF : 4.7/7

458.070+/-103.300 χ^2/NDF : 19.8/25

reg_asym_atl2_rms vs slug



Right In: 394.301+/-0.174 χ^2/NDF : 26863.6/3

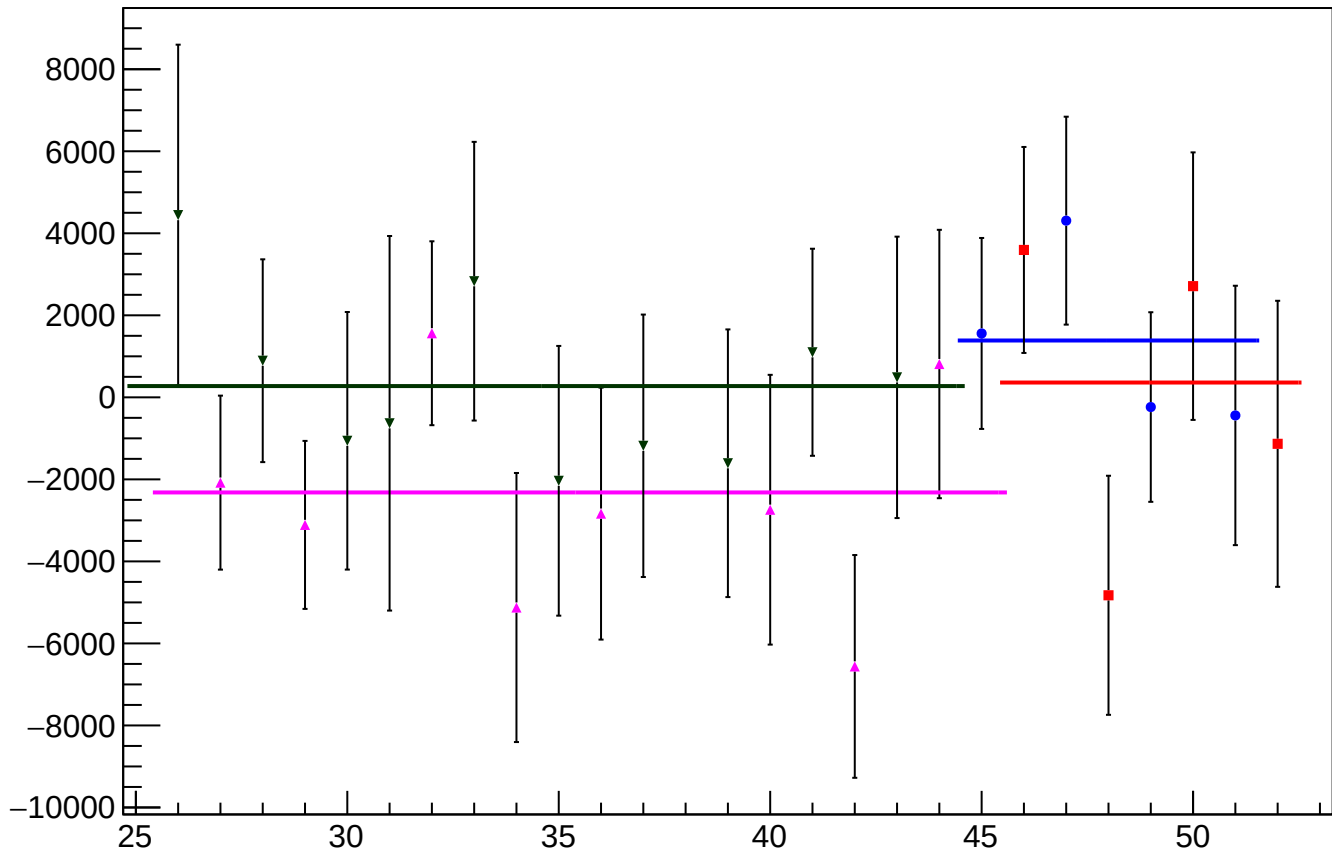
Left Out: 395.658+/-0.123 χ^2/NDF : 10135.9/9

Right Out: 392.968+/-0.196 χ^2/NDF : 26993.1/3

Left In: 402.320+/-0.127 χ^2/NDF : 40146.6/7

397.262+/-0.073 χ^2/NDF : 106672.4/25

asym_atl2_correction_mean vs slug



Right In: 1385.947 $\pm$ 1262.576 χ^2/NDF : 2.2/3

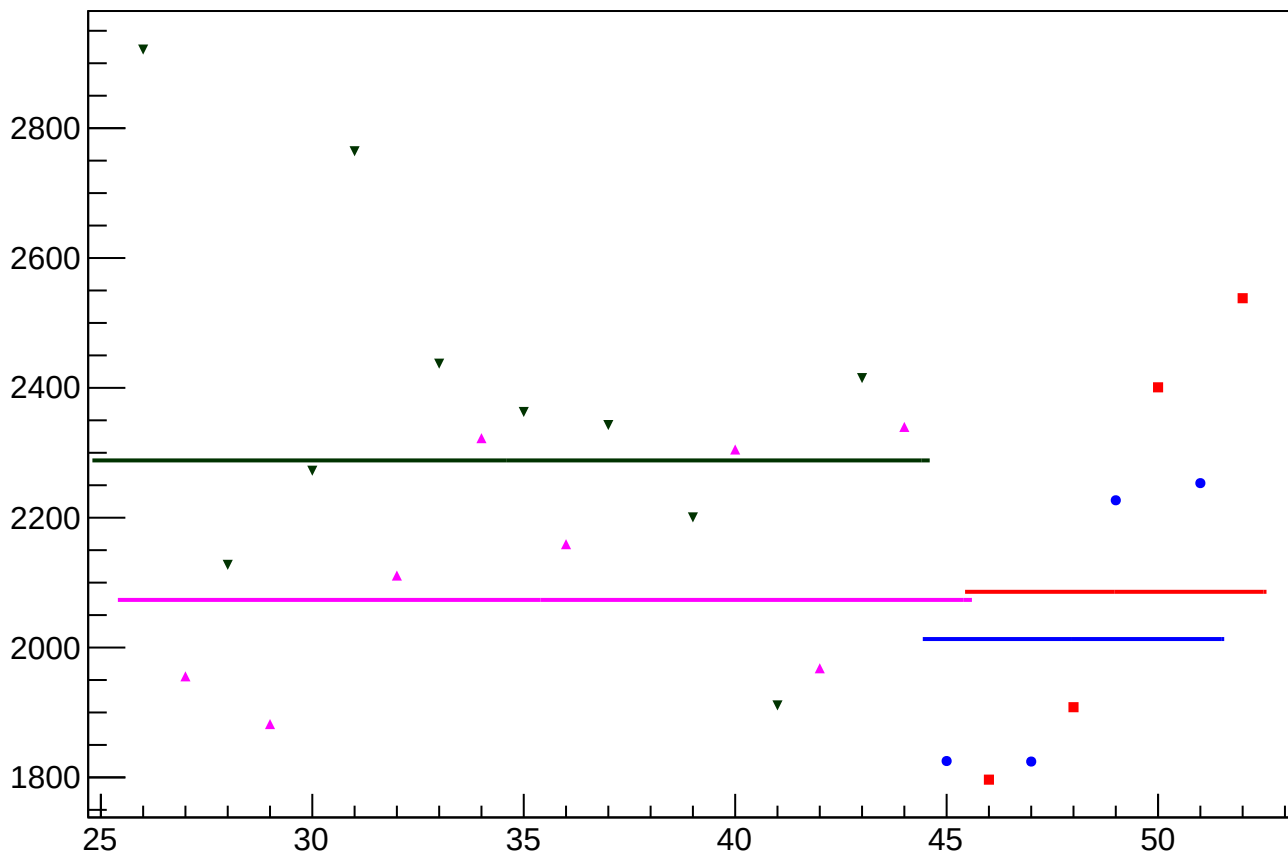
Left Out: 274.802 $\pm$ 1008.389 χ^2/NDF : 3.0/9

Right Out: 361.144 $\pm$ 1486.570 χ^2/NDF : 5.5/3

Left In: -2318.997 $\pm$ 920.578 χ^2/NDF : 7.3/7

-441.935 $\pm$ 555.277 χ^2/NDF : 25.0/25

asym_atl2_correction_rms vs slug



Right In: 2013.100+/-0.893 χ^2/NDF : 52748.3/3

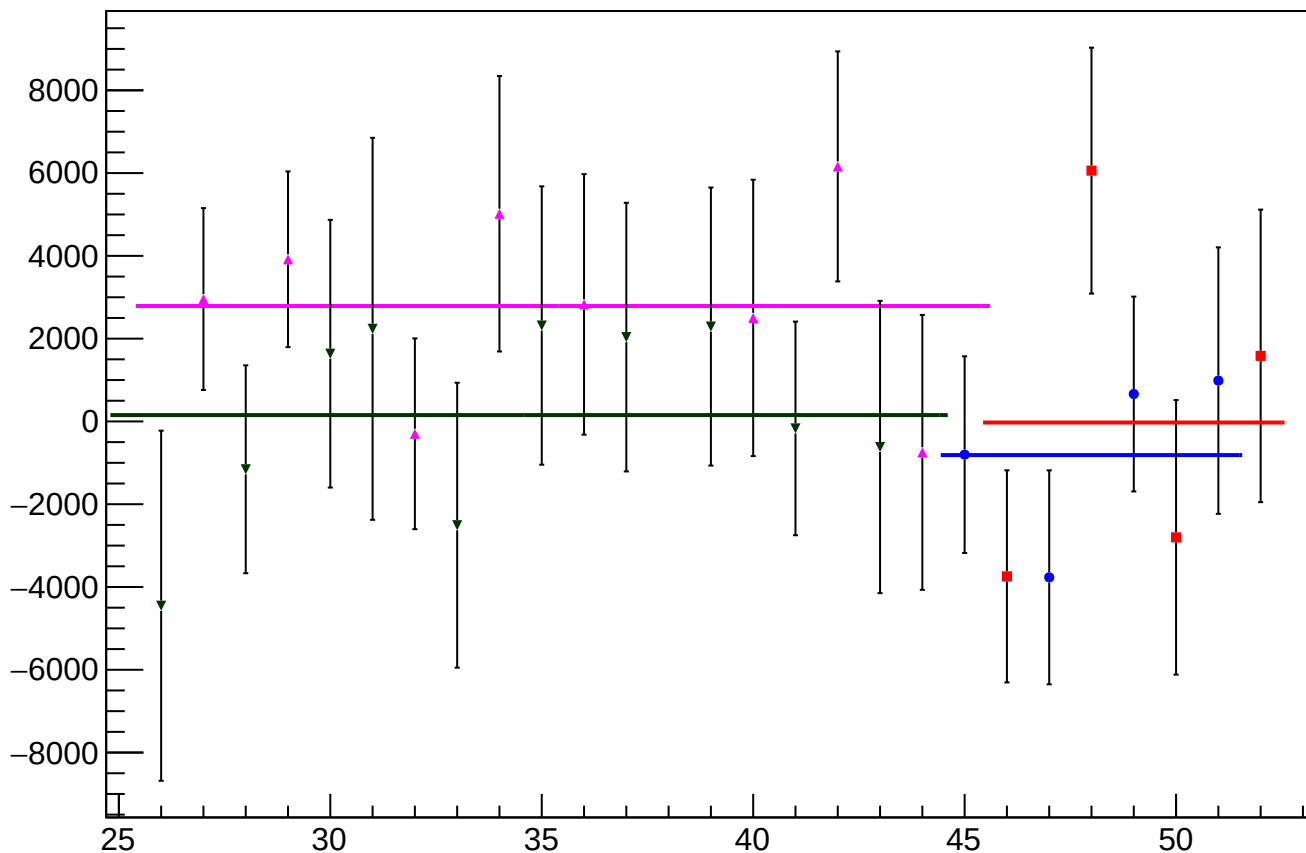
Left Out: 2288.236+/-0.713 χ^2/NDF : 130972.3/9

2128.611+/-0.393 χ^2/NDF : 409152.9/25

Right Out: 2085.858+/-1.051 χ^2/NDF : 86270.1/3

Left In: 2073.380+/-0.651 χ^2/NDF : 63452.8/7

asym_atl2_mean vs slug



Right In: -813.140+/-1286.837 χ^2/NDF : 2.0/3

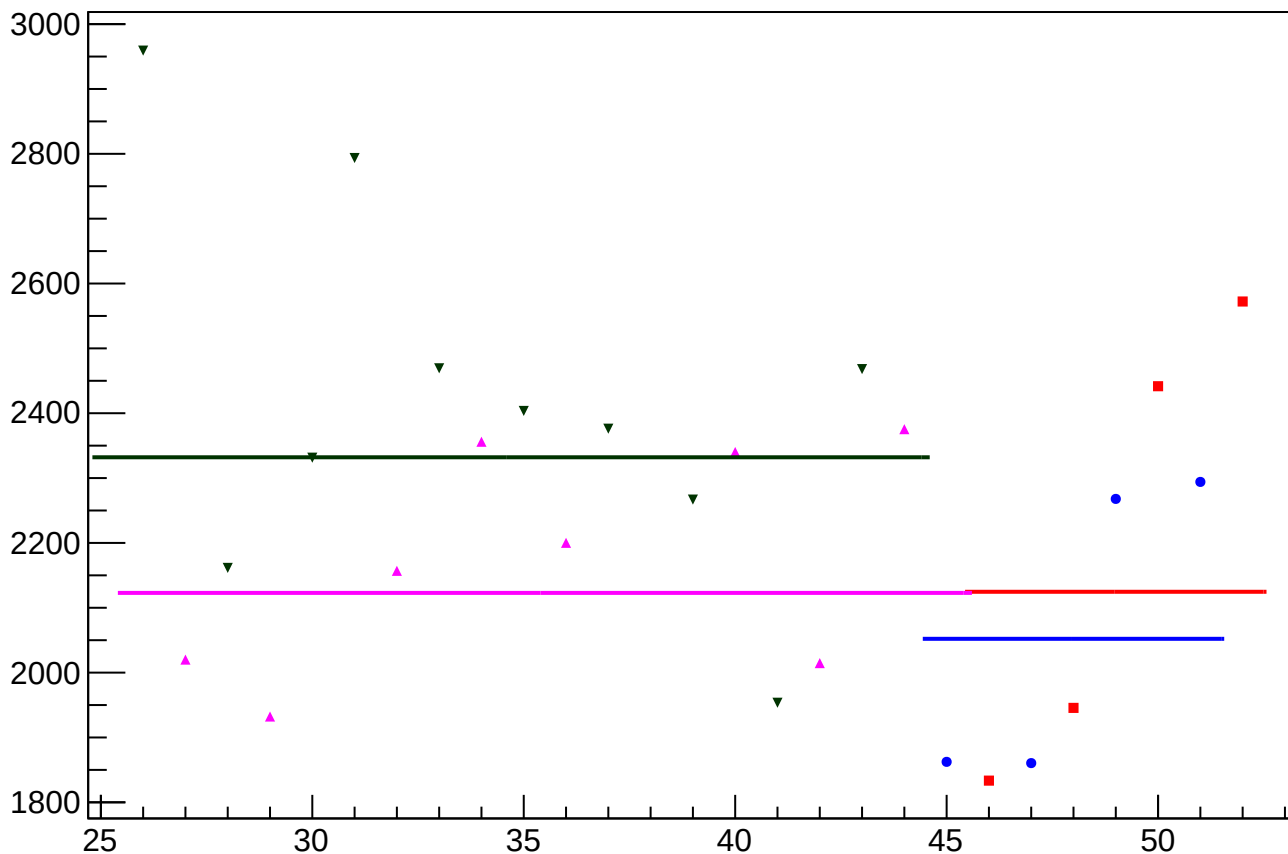
Left Out: 153.091+/-1029.303 χ^2/NDF : 3.7/9

Right Out: -25.977+/-1513.387 χ^2/NDF : 7.2/3

Left In: 2788.434+/-945.564 χ^2/NDF : 5.1/7

889.785+/-567.703 χ^2/NDF : 24.7/25

asym_atl2_rms vs slug



Right In: 2052.130+/-0.910 χ^2/NDF : 51856.8/3

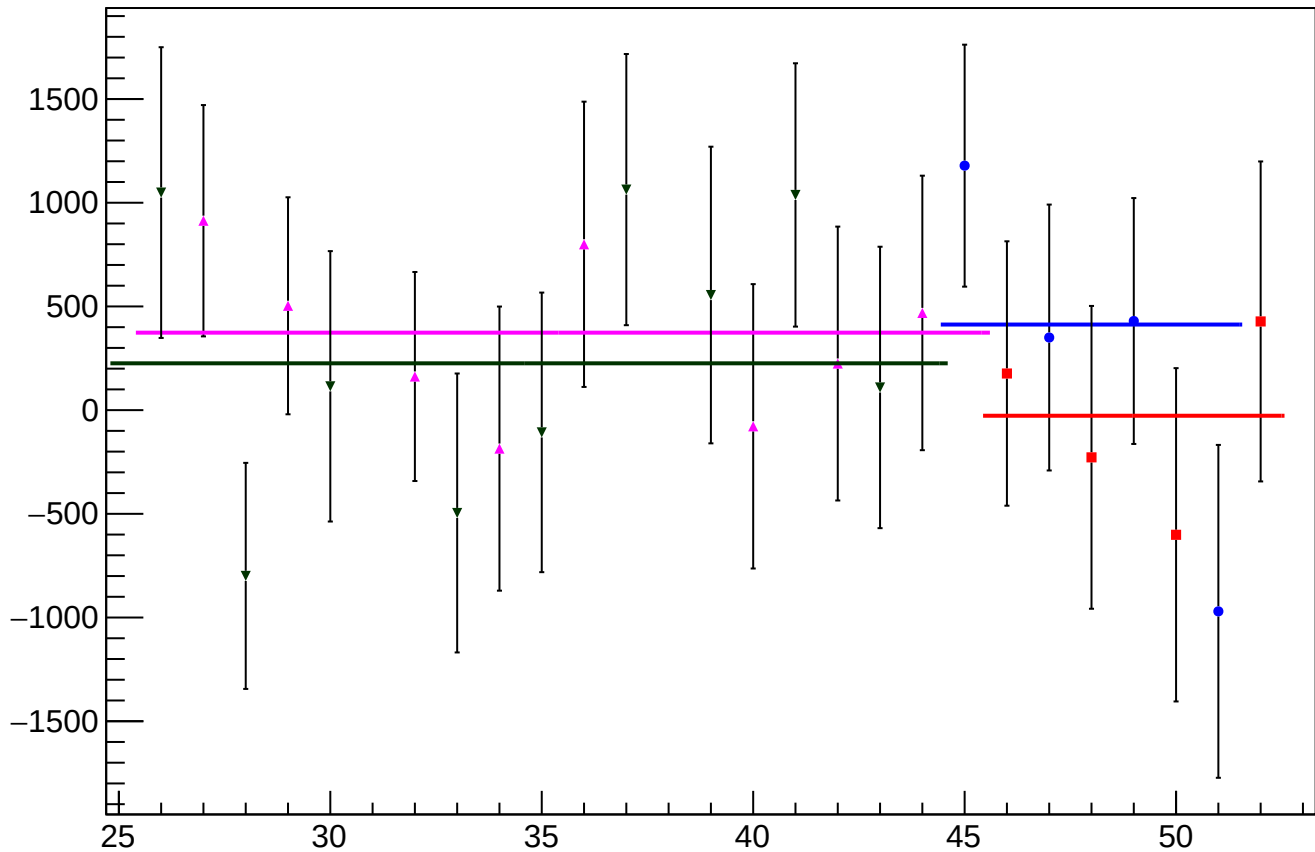
Left Out: 2332.054+/-0.728 χ^2/NDF : 124387.7/9

Right Out: 2124.661+/-1.070 χ^2/NDF : 83448.6/3

Left In: 2122.937+/-0.669 χ^2/NDF : 55033.1/7

2173.012+/-0.401 χ^2/NDF : 387774.6/25

reg_asym_atr1_mean vs slug



Right In: 412.698+/-319.930 χ^2/NDF : 4.7/3

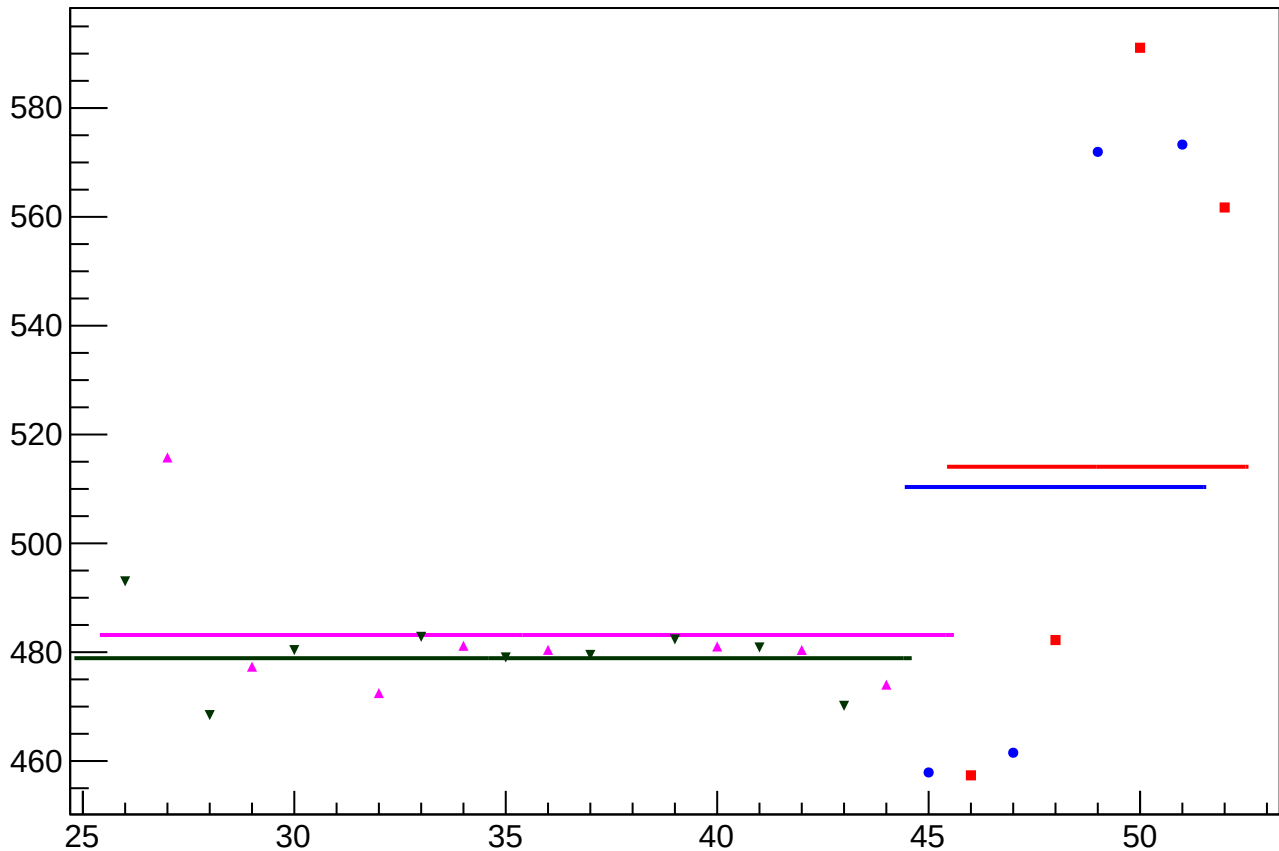
Left Out: 225.737+/-217.621 χ^2/NDF : 9.9/8

277.721+/-128.877 χ^2/NDF : 19.5/24

Right Out: -27.061+/-363.553 χ^2/NDF : 1.0/3

Left In: 373.555+/-214.394 χ^2/NDF : 2.7/7

reg_asym_atr1_rms vs slug



Right In: 510.352 $\pm$ 0.226 χ^2 /NDF: 61663.9/3

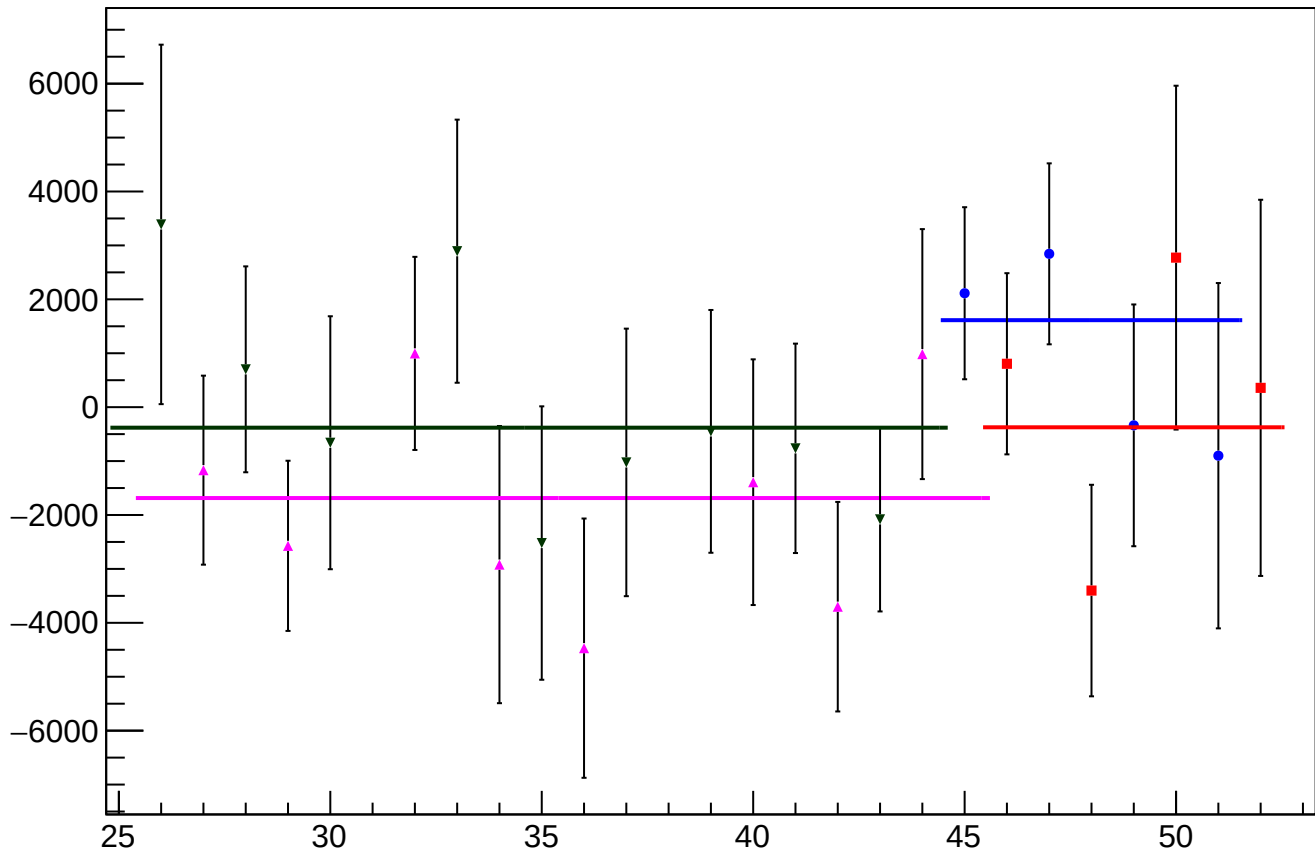
Left Out: 478.896 $\pm$ 0.154 χ^2 /NDF: 2027.3/8

489.962 $\pm$ 0.091 χ^2 /NDF: 141901.1/24

Right Out: 514.078 $\pm$ 0.257 χ^2 /NDF: 45631.0/3

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF: 8470.4/7

asym_atr1_correction_mean vs slug



Right In: 1613.402 $\pm$ 978.583 χ^2 /NDF: 2.0/3

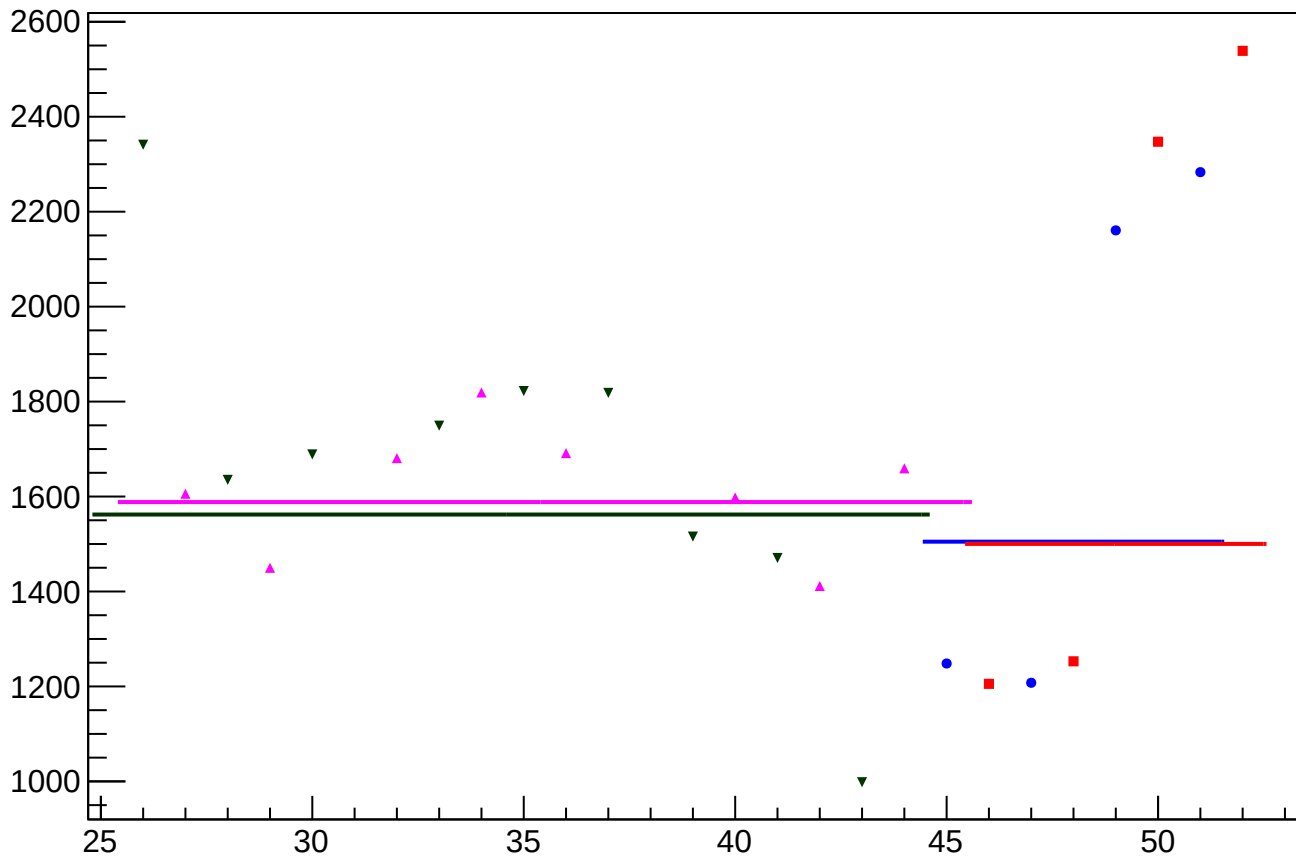
Left Out: -380.627 $\pm$ 737.802 χ^2 /NDF: 5.2/8

Right Out: -373.463 $\pm$ 1121.858 χ^2 /NDF: 3.9/3

Left In: -1685.614 $\pm$ 705.946 χ^2 /NDF: 6.6/7

-474.004 $\pm$ 419.501 χ^2 /NDF: 25.3/24

asym_atr1_correction_rms vs slug



Right In: 1504.937+/-0.692 χ^2/NDF : 403664.5/3

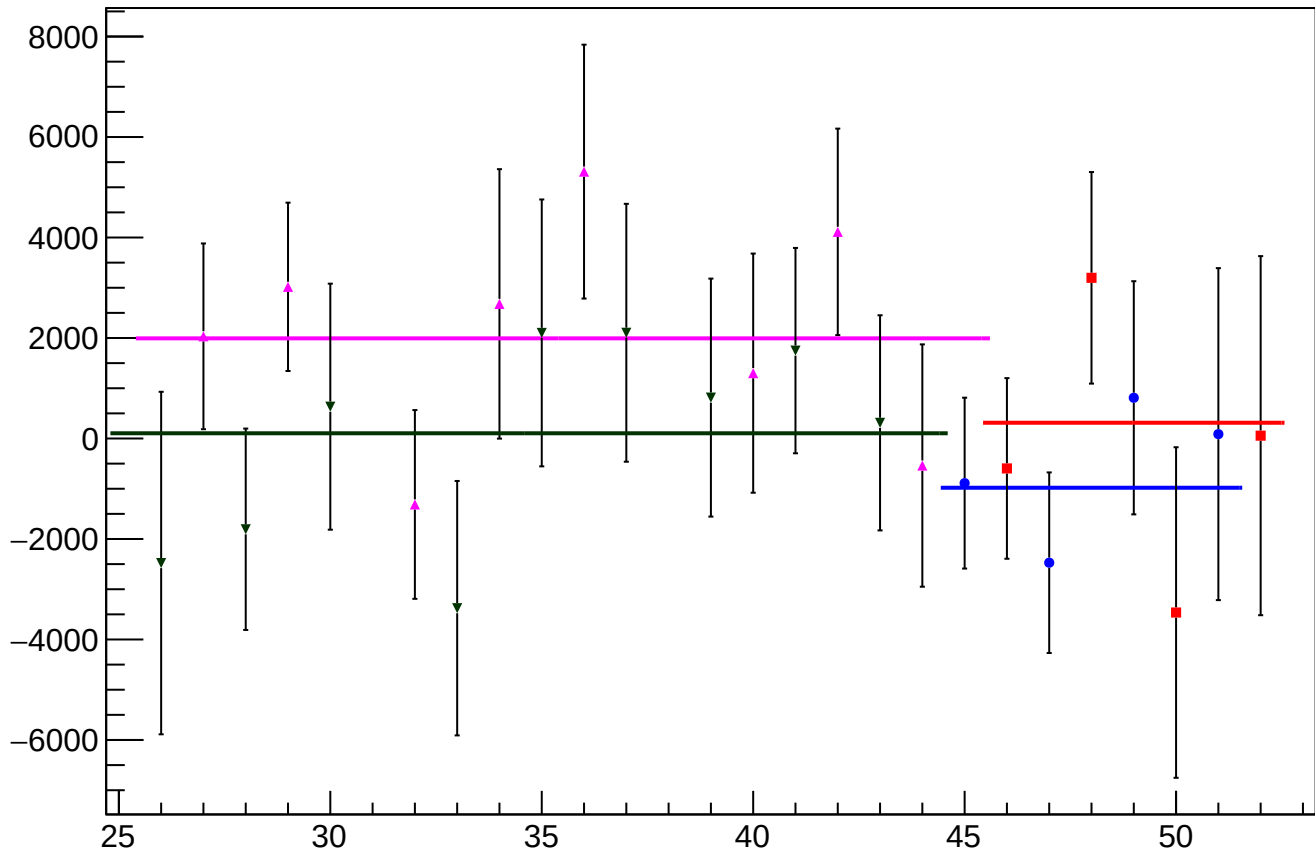
Left Out: 1562.083+/-0.522 χ^2/NDF :395343.8/8

1552.218+/-0.297 χ^2/NDF : 1284571.1/24

Right Out: 1500.210+/-0.793 χ^2/NDF : 411762.8/3

Left In: 1588.387+/-0.499 χ^2/NDF :59225.5/7

asym_atr1_mean vs slug



Right In: -979.960+/-1035.311 χ^2/NDF : 1.4/3

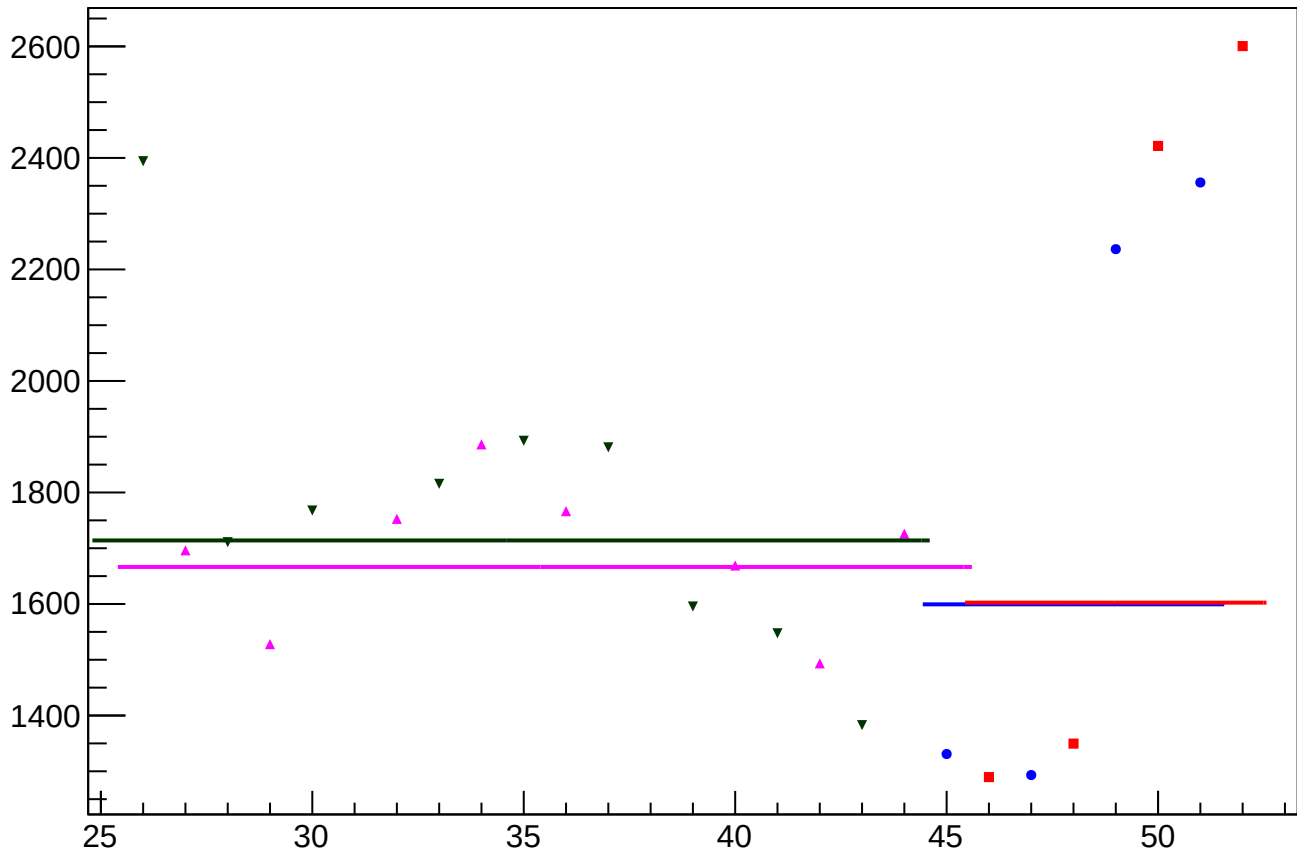
Left Out: 103.969+/-793.692 χ^2/NDF : 5.3/8

612.448+/-445.445 χ^2/NDF : 24.0/24

Right Out: 313.548+/-1190.254 χ^2/NDF : 3.5/3

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

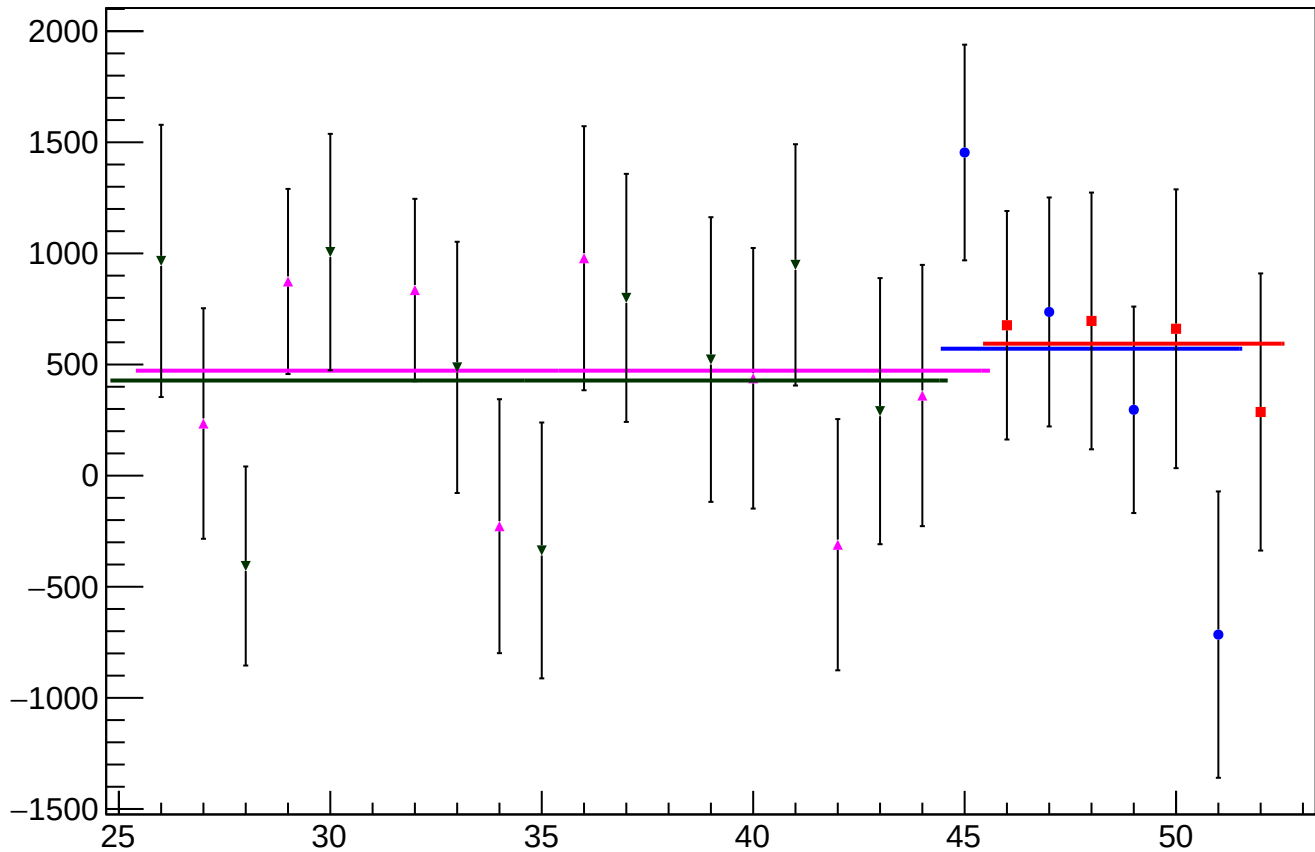
Left Out: 1713.999 ± 0.561 χ^2/NDF : 167493.6/8

1660.044 ± 0.315 χ^2/NDF : 971790.3/24

Right Out: 1602.449 ± 0.842 χ^2/NDF : 369495.1/3

Left In: 1666.432 ± 0.525 χ^2/NDF : 50356.8/7

reg_asym_atr2_mean vs slug



Right In: 571.153 $\pm$ 257.712 χ^2/NDF : 7.8/3

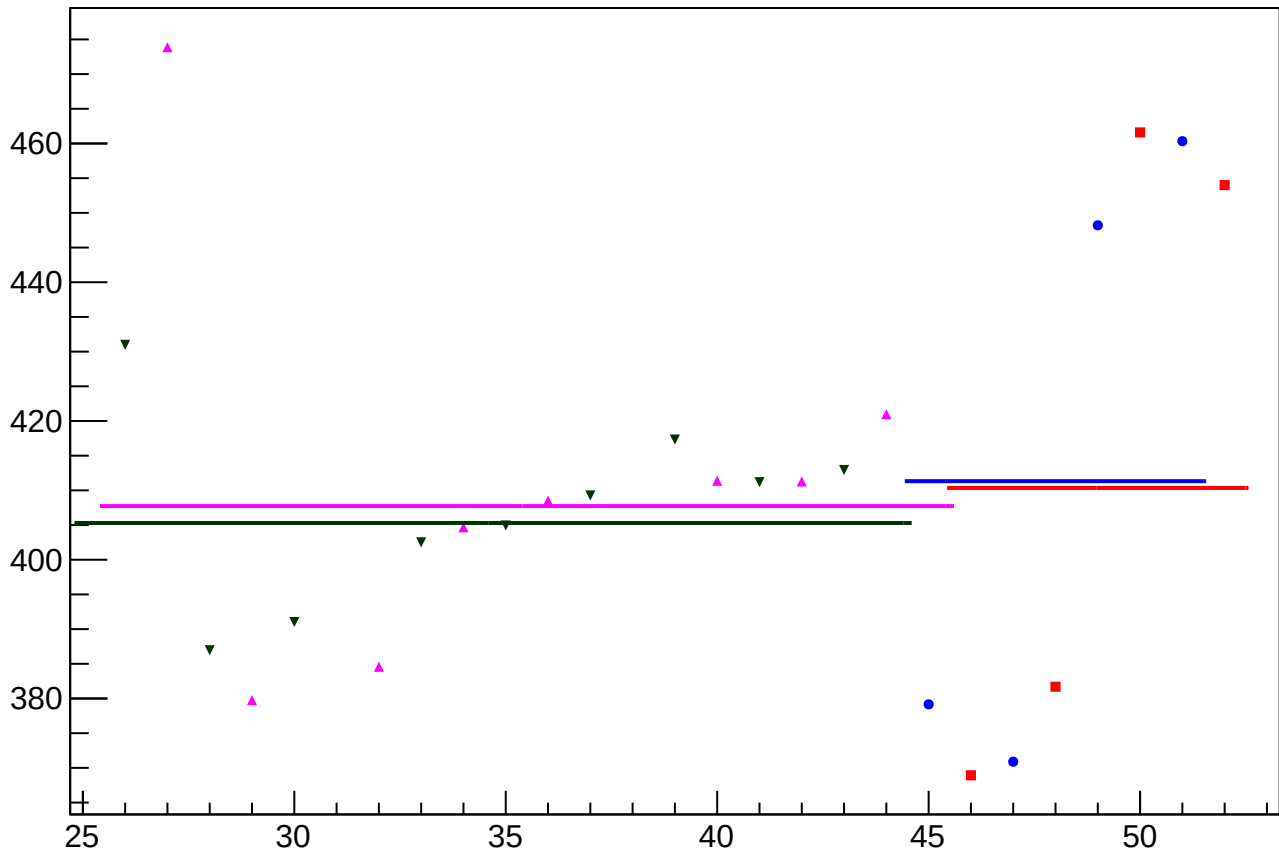
Left Out: 428.042 $\pm$ 185.168 χ^2/NDF : 8.6/8

491.339 $\pm$ 107.608 χ^2/NDF : 23.2/24

Right Out: 593.821 $\pm$ 289.974 χ^2/NDF : 0.3/3

Left In: 472.346 $\pm$ 181.832 χ^2/NDF : 6.1/7

reg_asym_atr2_rms vs slug



Right In: 411.326+/-0.182 χ^2/NDF : 45286.0/3

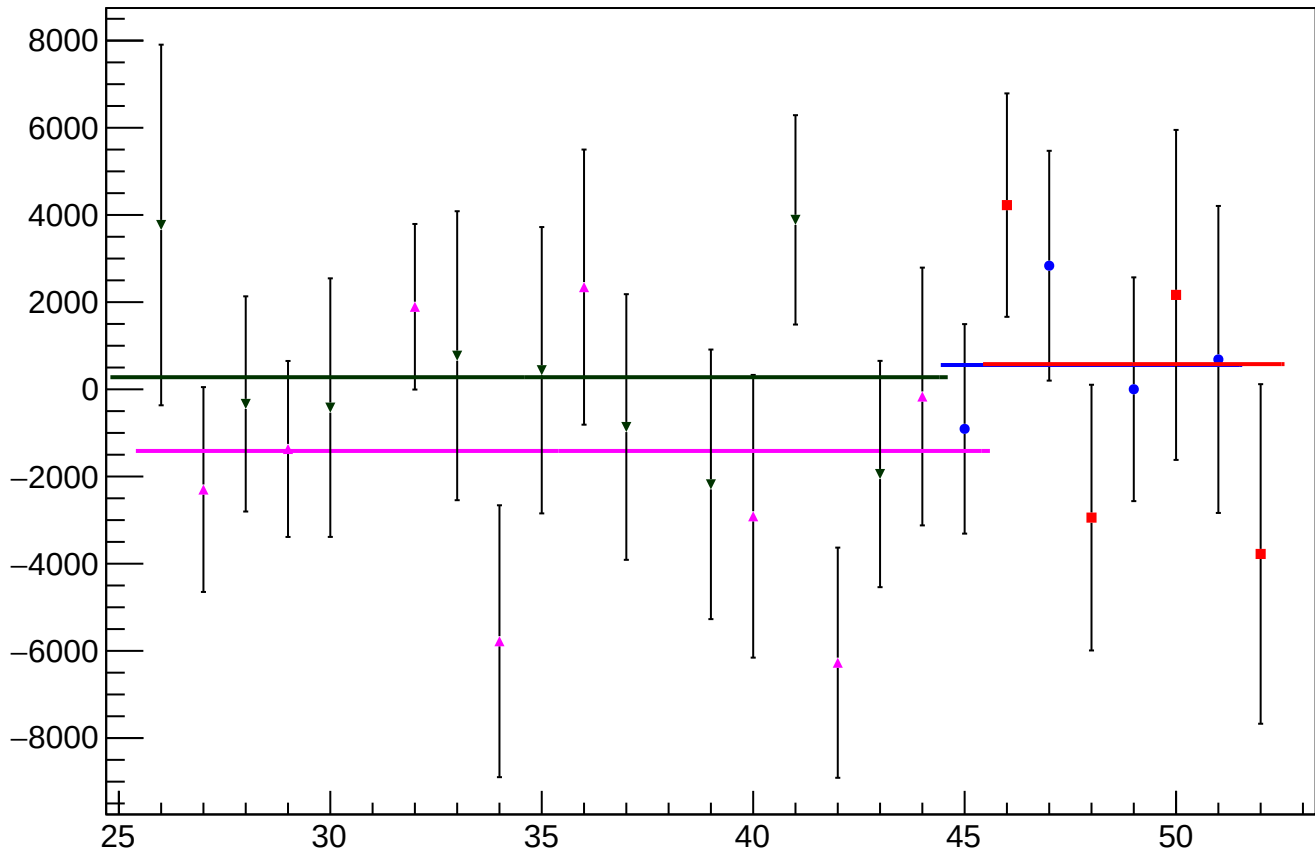
Left Out: 405.300+/-0.131 χ^2/NDF : 9727.9/8

Right Out: 410.349+/-0.205 χ^2/NDF : 41049.0/3

Left In: 407.737+/-0.129 χ^2/NDF : 49136.9/7

407.899+/-0.076 χ^2/NDF : 146092.0/24

asym_atr2_correction_mean vs slug



Right In: 557.953+/-1348.937 χ^2/NDF : 1.2/3

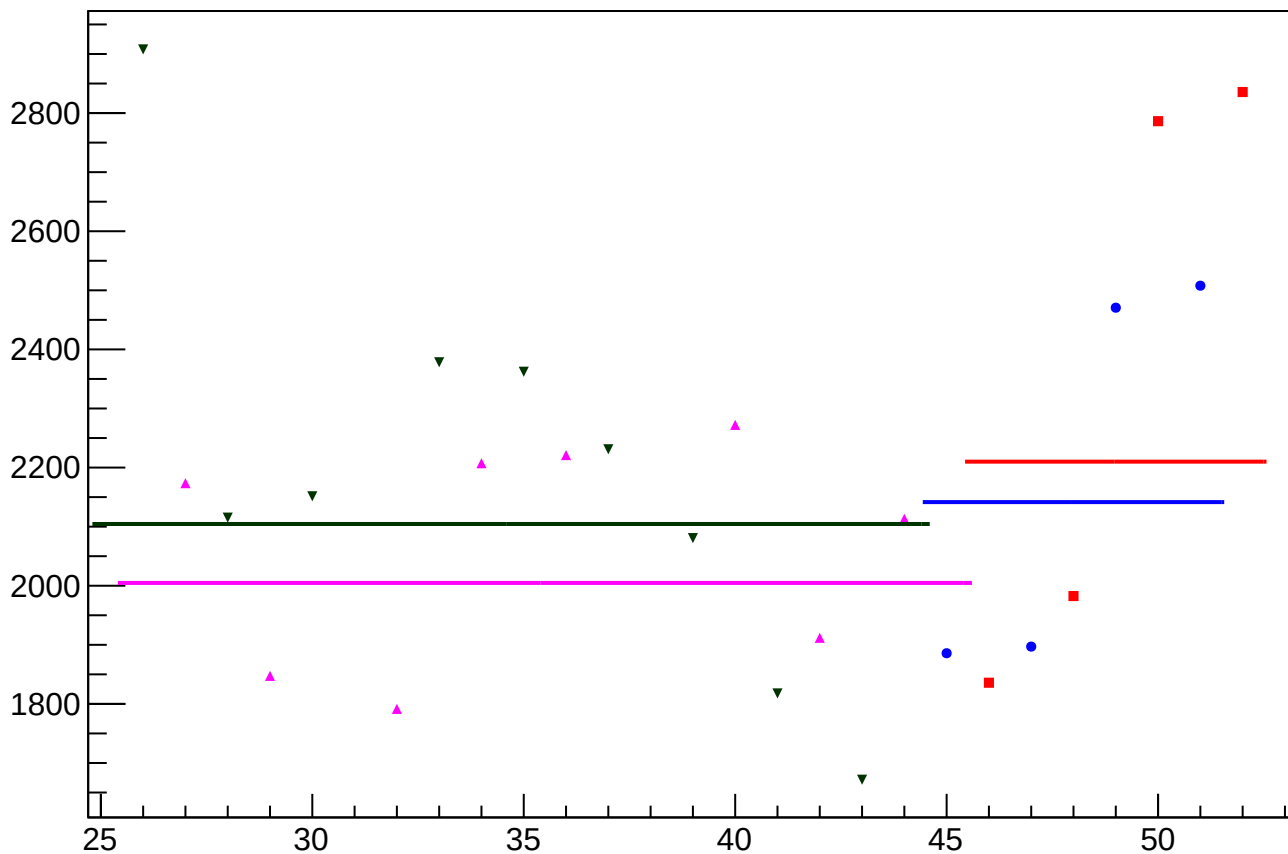
Left Out: 278.027+/-973.990 χ^2/NDF : 4.6/8

Right Out: 578.331+/-1589.851 χ^2/NDF : 4.8/3

Left In: -1413.717+/-890.892 χ^2/NDF : 10.3/7

-292.303+/-553.912 χ^2/NDF : 23.5/24

asym_atr2_correction_rms vs slug



Right In: 2141.555+/-0.954 χ^2/NDF : 94388.0/3

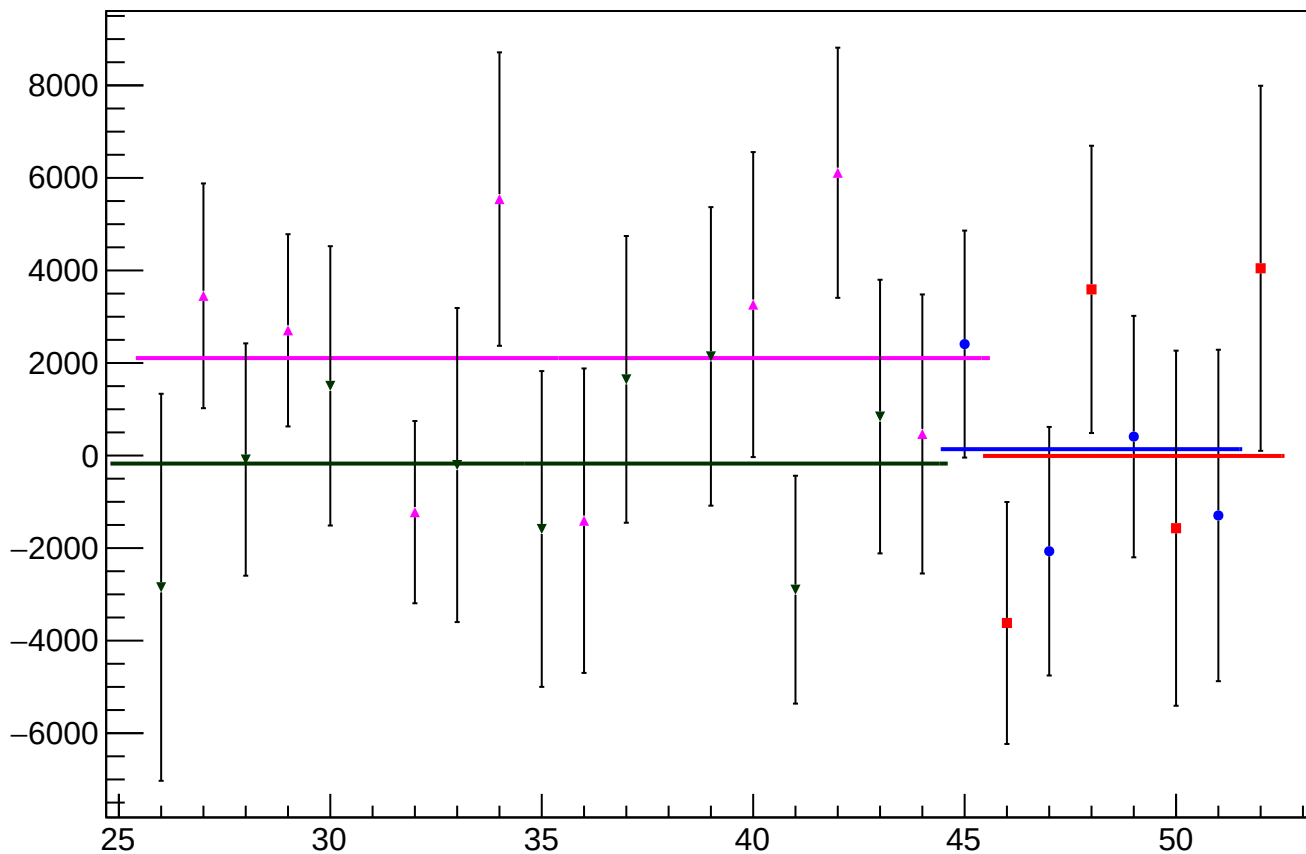
Left Out: 2104.508+/-0.689 χ^2/NDF : 189603.1/8

Right Out: 2210.031+/-1.124 χ^2/NDF : 151724.3/3

Left In: 2004.754+/-0.630 χ^2/NDF : 84279.2/7

2085.001+/-0.392 χ^2/NDF : 552908.4/24

asym_atr2_mean vs slug



Right In: 137.928+/-1374.031 χ^2/NDF : 1.7/3

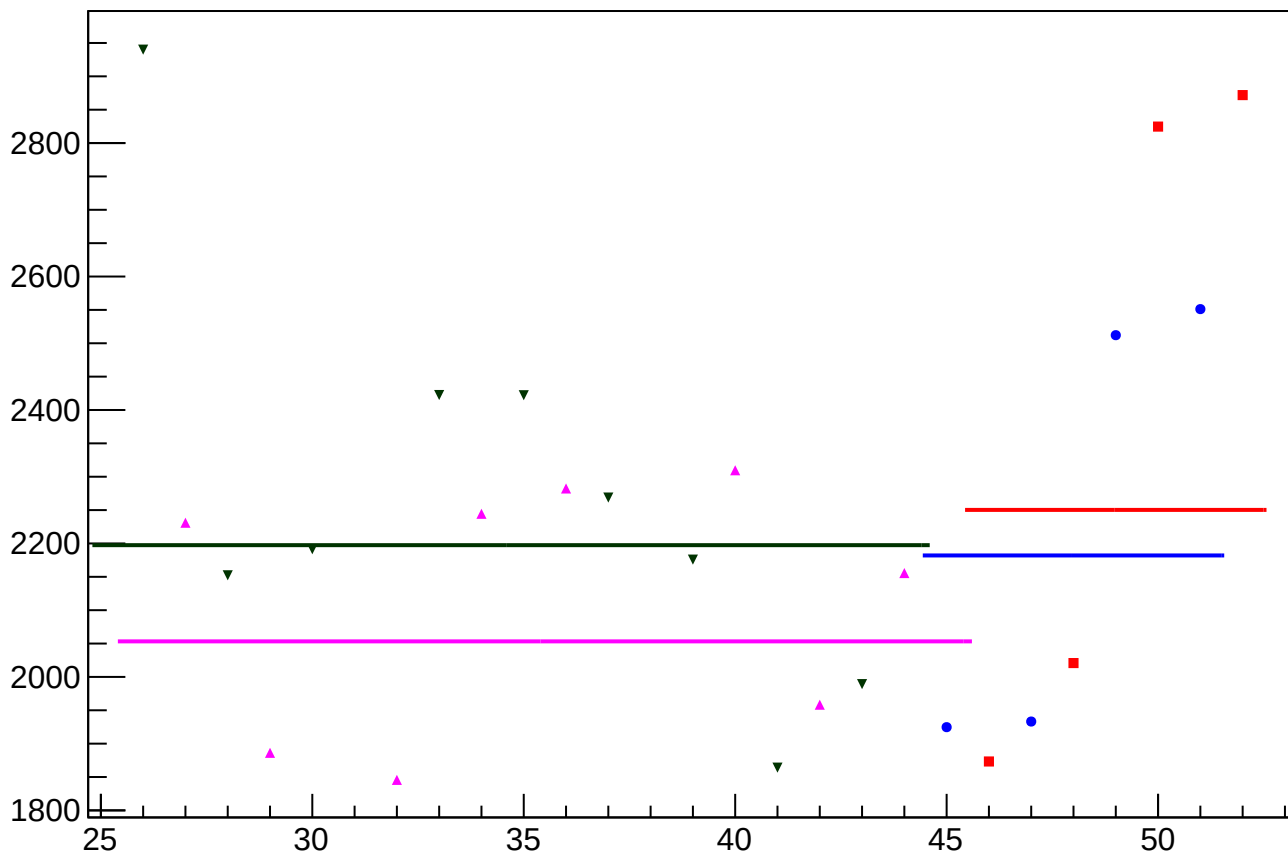
Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

Right Out: -8.577+/-1617.519 χ^2/NDF : 4.5/3

Left In: 2106.390+/-916.762 χ^2/NDF : 8.2/7

781.436+/-569.842 χ^2/NDF : 20.9/24

asym_atr2_rms vs slug



Right In: 2182.024+/-0.972 χ^2/NDF : 92444.9/3

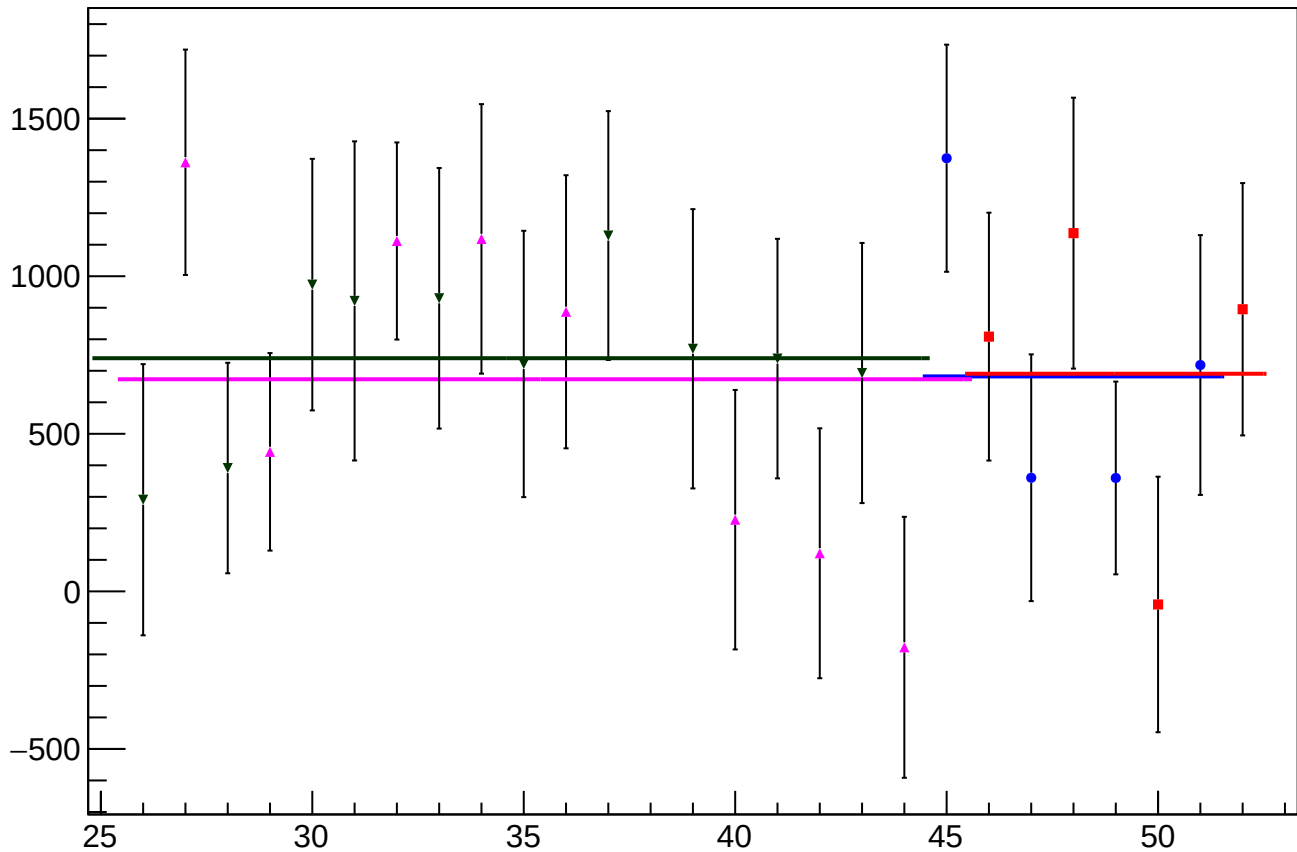
Left Out: 2197.439+/-0.715 χ^2/NDF : 128896.8/8

Right Out: 2250.280+/-1.144 χ^2/NDF : 146992.1/3

Left In: 2053.263+/-0.648 χ^2/NDF : 79708.9/7

2145.641+/-0.403 χ^2/NDF : 483369.5/24

reg_asym_atl_avg_mean vs slug



Right In: 682.151 ± 180.179 $\chi^2/\text{NDF}: 5.5/3$

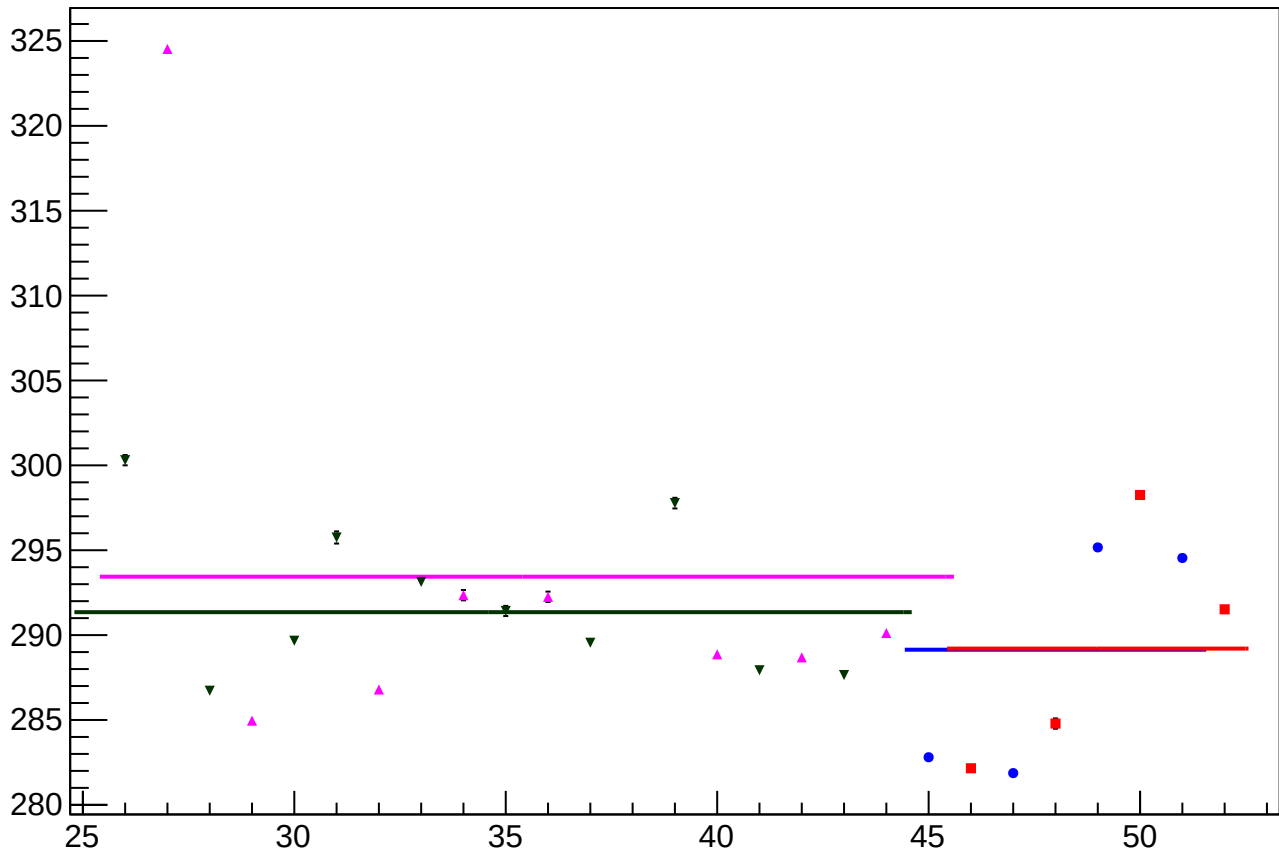
Left Out: 739.872 ± 128.784 $\chi^2/\text{NDF}: 3.9/9$

Right Out: 690.562 ± 203.276 $\chi^2/\text{NDF}: 4.7/3$

Left In: 673.071 ± 132.323 $\chi^2/\text{NDF}: 14.9/7$

700.510 ± 76.159 $\chi^2/\text{NDF}: 29.0/25$

reg_asym_atl_avg_rms vs slug



Right In: 289.140 ± 0.127 $\chi^2/\text{NDF}: 2427.8/3$

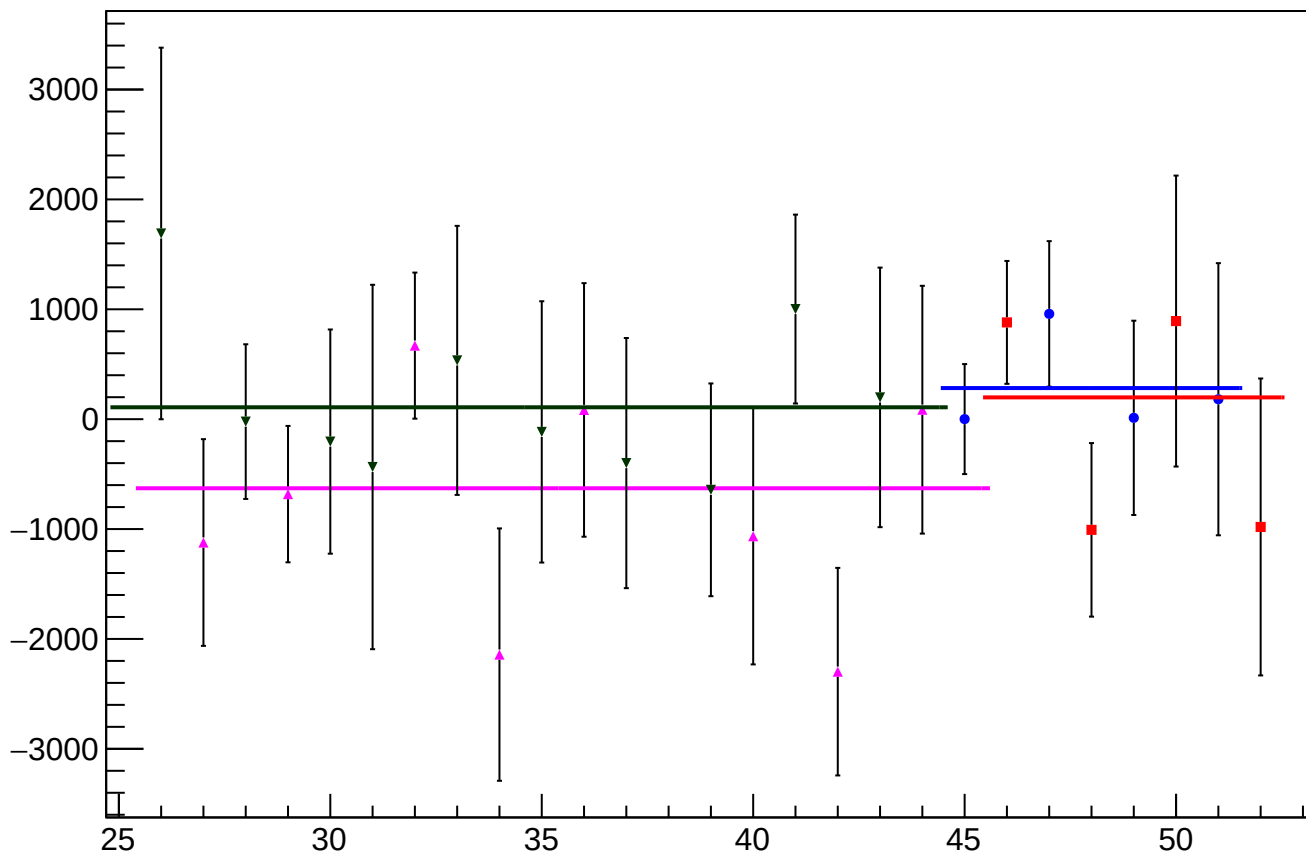
Left Out: 291.351 ± 0.091 $\chi^2/\text{NDF}: 2259.4/9$

291.348 ± 0.054 $\chi^2/\text{NDF}: 25801.5/25$

Right Out: 289.206 ± 0.144 $\chi^2/\text{NDF}: 1917.0/3$

Left In: 293.442 ± 0.094 $\chi^2/\text{NDF}: 18174.2/7$

asym_atl_avg_correction_mean vs slug



Right In: 283.169 ± 349.142 χ^2/NDF : 1.5/3

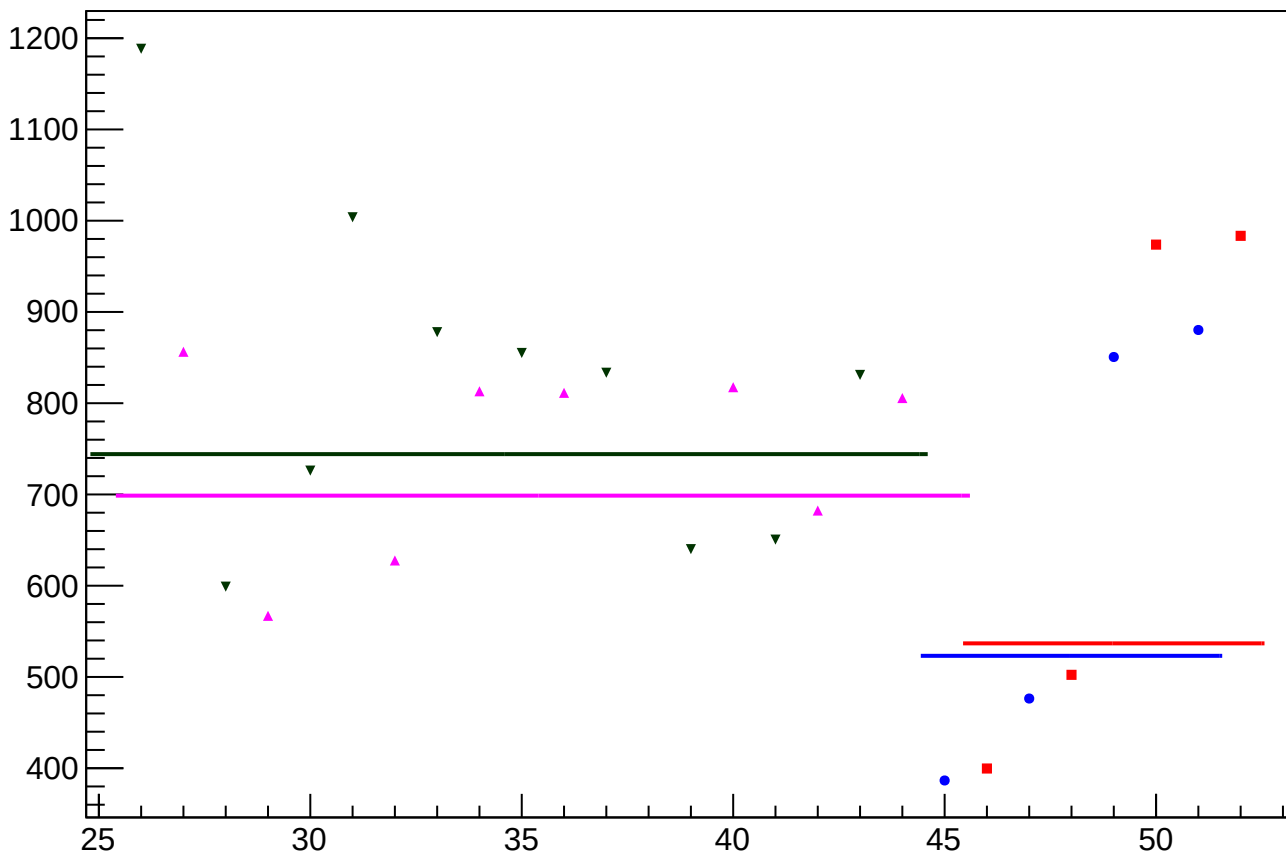
Left Out: 108.218 ± 333.765 χ^2/NDF : 3.2/9

Right Out: 198.242 ± 411.000 χ^2/NDF : 4.9/3

Left In: -628.735 ± 314.024 χ^2/NDF : 9.9/7

-57.397 ± 173.446 χ^2/NDF : 24.2/25

asym_atl_avg_correction_rms vs slug



Right In: 523.159+/-0.247 χ^2/NDF : 599671.4/3

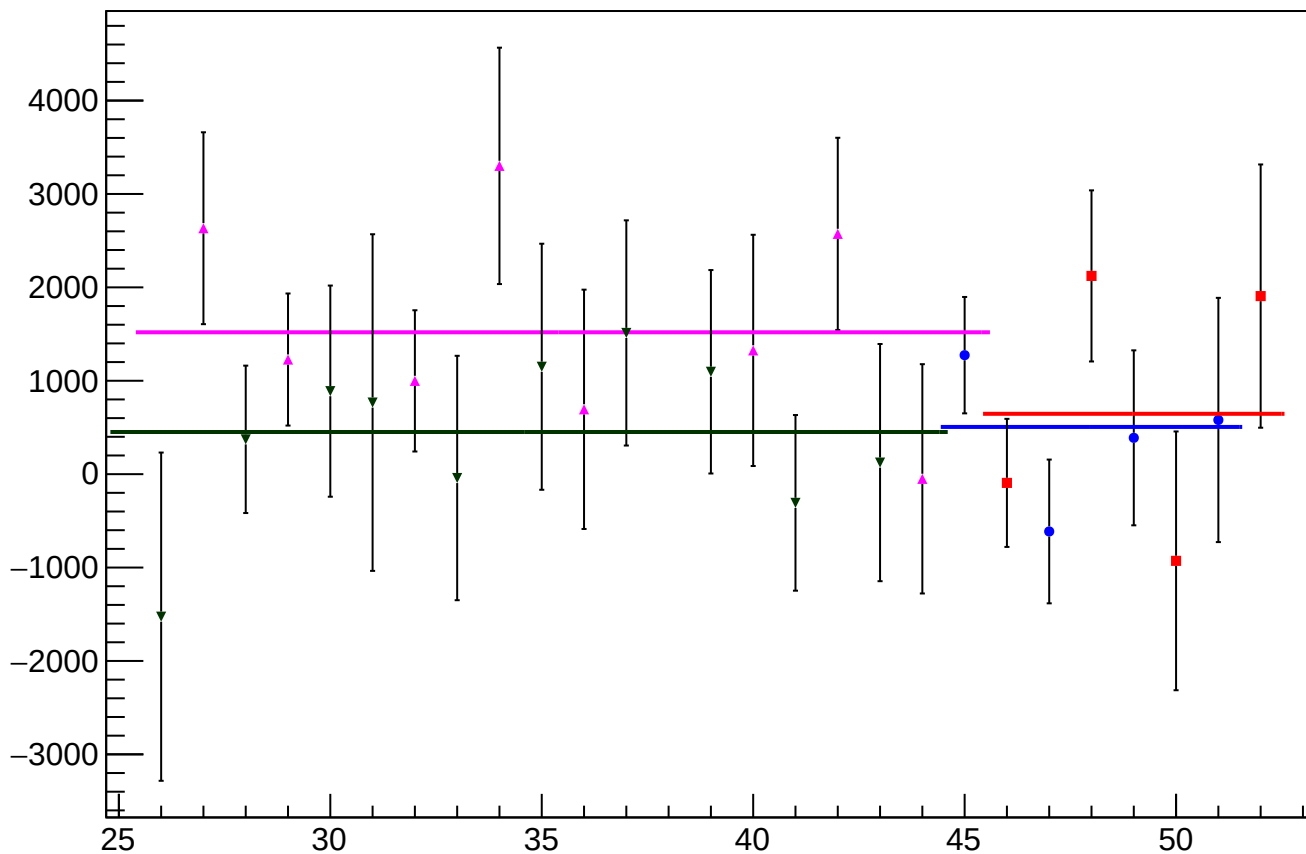
Left Out: 744.197+/-0.236 χ^2/NDF : 384053.8/9

Right Out: 536.811+/-0.291 χ^2/NDF : 560467.5/3

Left In: 698.706+/-0.222 χ^2/NDF : 247337.3/7

638.836+/-0.123 χ^2/NDF : 2406314.8/25

asym_atl_avg_mean vs slug



Right In: 505.658+/-408.653 χ^2/NDF : 3.7/3

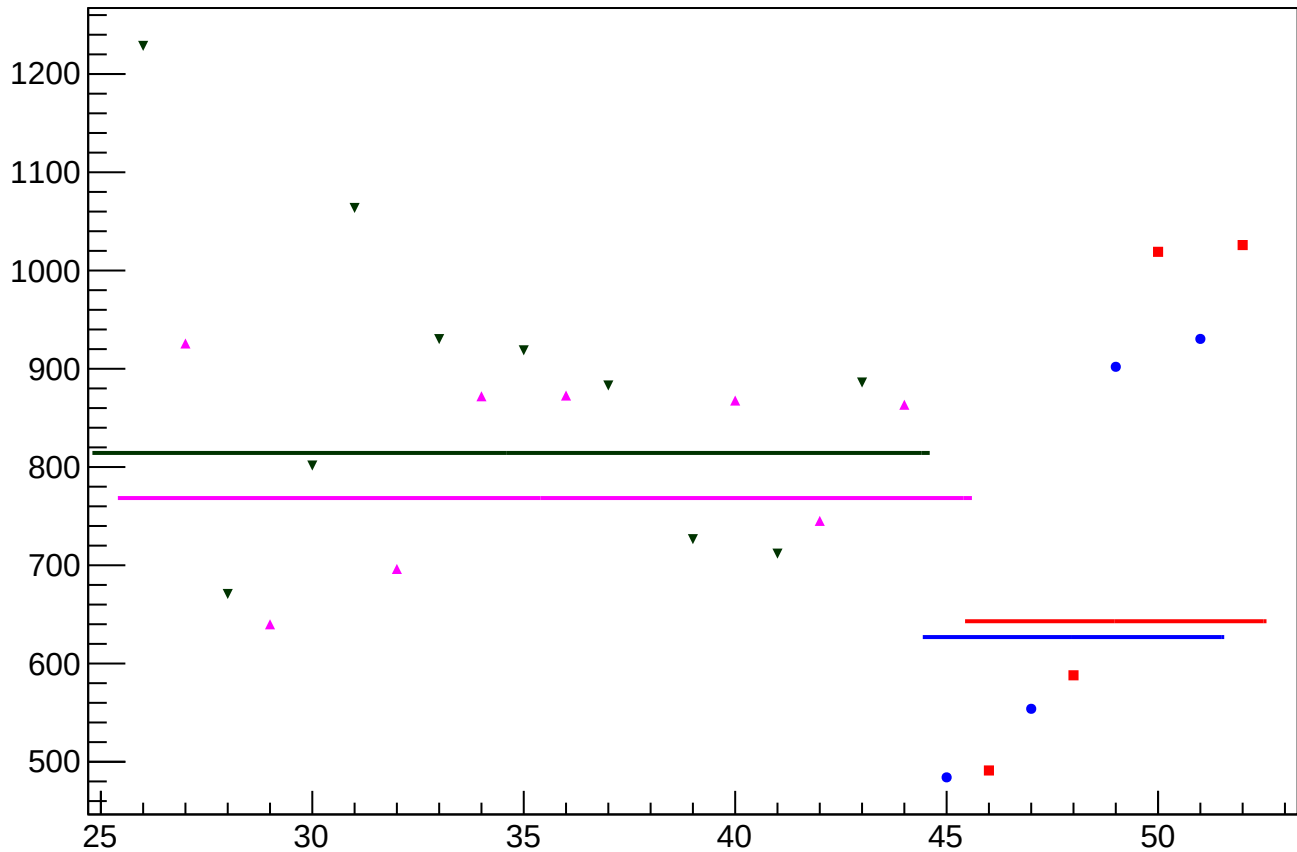
Left Out: 451.381+/-366.058 χ^2/NDF : 3.7/9

Right Out: 646.249+/-479.839 χ^2/NDF : 5.9/3

Left In: 1519.039+/-349.401 χ^2/NDF : 6.9/7

833.014+/-196.171 χ^2/NDF : 25.9/25

asym_atl_avg_rms vs slug



Right In: 626.934+/-0.289 χ^2/NDF : 403225.5/3

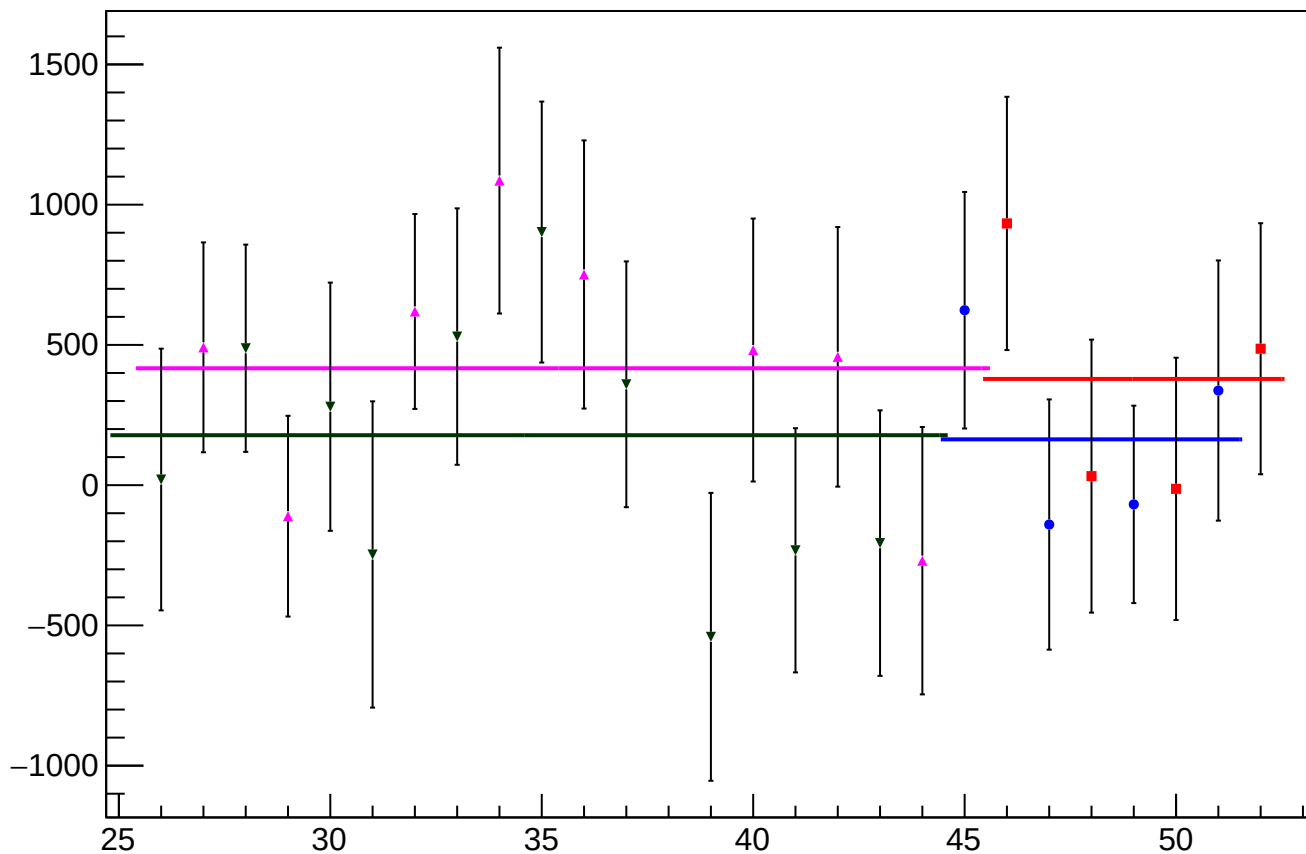
Left Out: 814.342+/-0.259 χ^2/NDF : 293767.4/9

Right Out: 643.041+/-0.339 χ^2/NDF : 400265.0/3

Left In: 768.425+/-0.247 χ^2/NDF : 183671.3/7

728.050+/-0.139 χ^2/NDF : 1603998.7/25

reg_asym_atl_dd_mean vs slug



Right In: 163.355 ± 206.839 $\chi^2/\text{NDF}: 2.2/3$

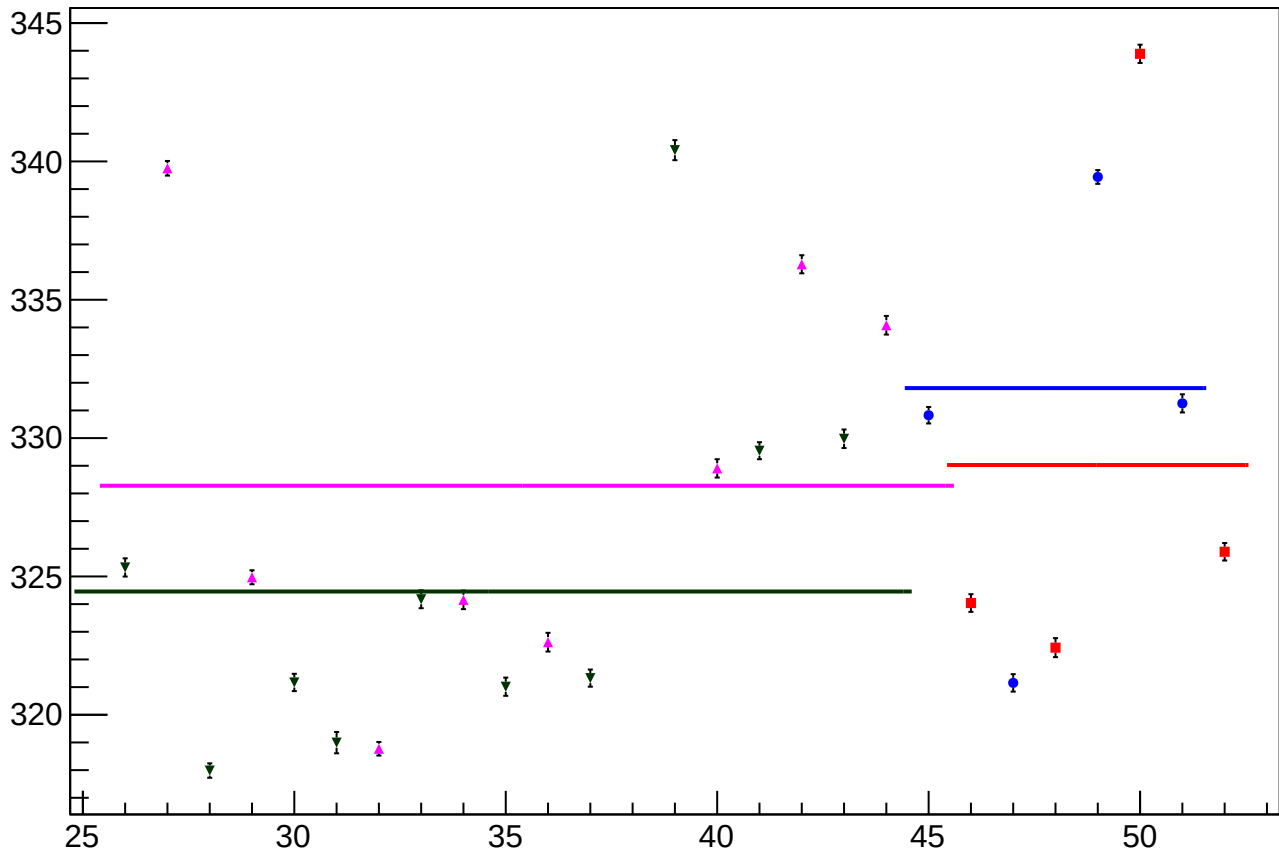
Left Out: 178.098 ± 143.538 $\chi^2/\text{NDF}: 8.2/9$

Right Out: 378.744 ± 231.271 $\chi^2/\text{NDF}: 2.8/3$

Left In: 416.758 ± 147.940 $\chi^2/\text{NDF}: 7.1/7$

283.098 ± 85.656 $\chi^2/\text{NDF}: 22.2/25$

reg_asym_atl_dd_rms vs slug



Right In: 331.807 ± 0.146 $\chi^2/\text{NDF}: 2095.1/3$

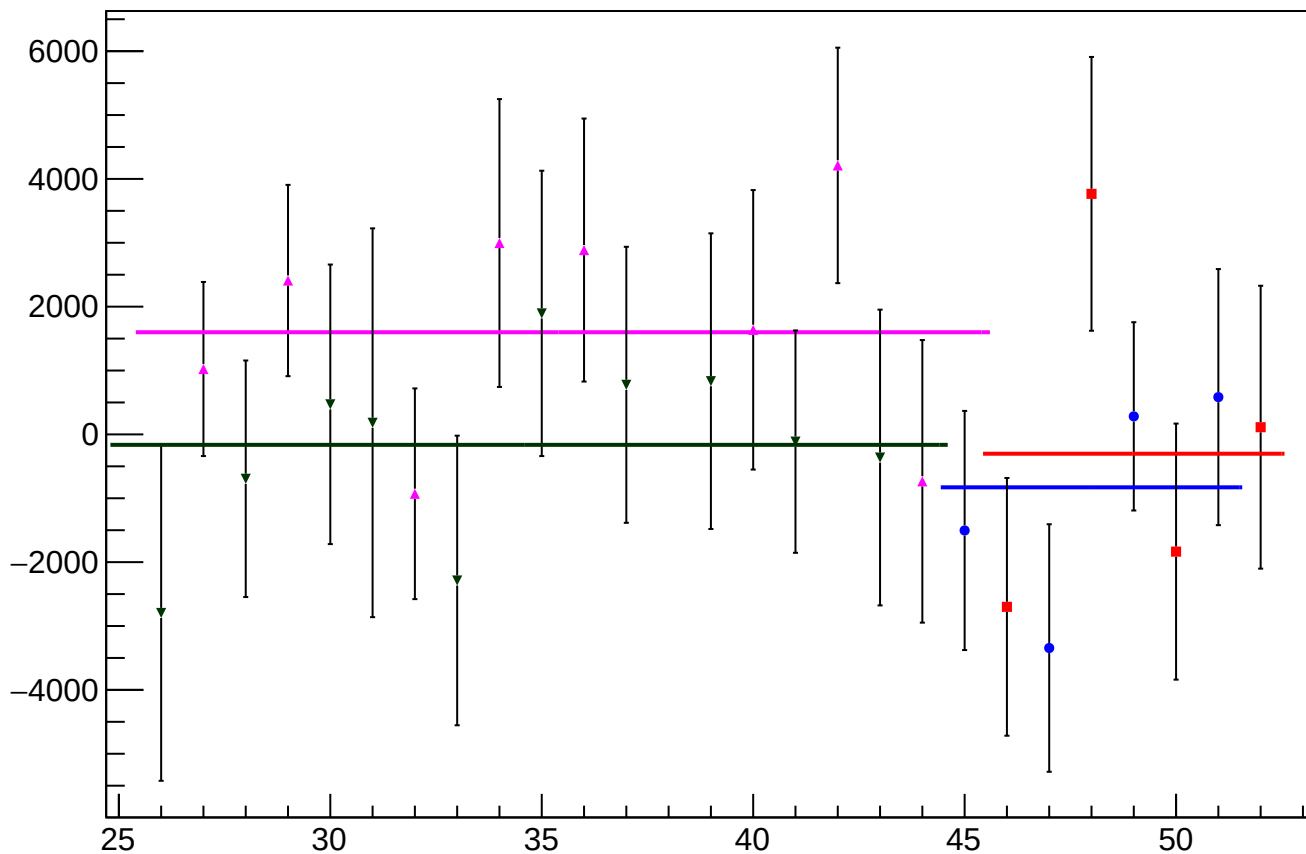
Left Out: 324.455 ± 0.101 $\chi^2/\text{NDF}: 3621.0/9$

Right Out: 329.027 ± 0.164 $\chi^2/\text{NDF}: 2731.4/3$

Left In: 328.279 ± 0.105 $\chi^2/\text{NDF}: 4878.6/7$

327.625 ± 0.061 $\chi^2/\text{NDF}: 15231.5/25$

asym_atl_dd_correction_mean vs slug



Right In: -828.571+/-890.593 χ^2/NDF : 2.9/3

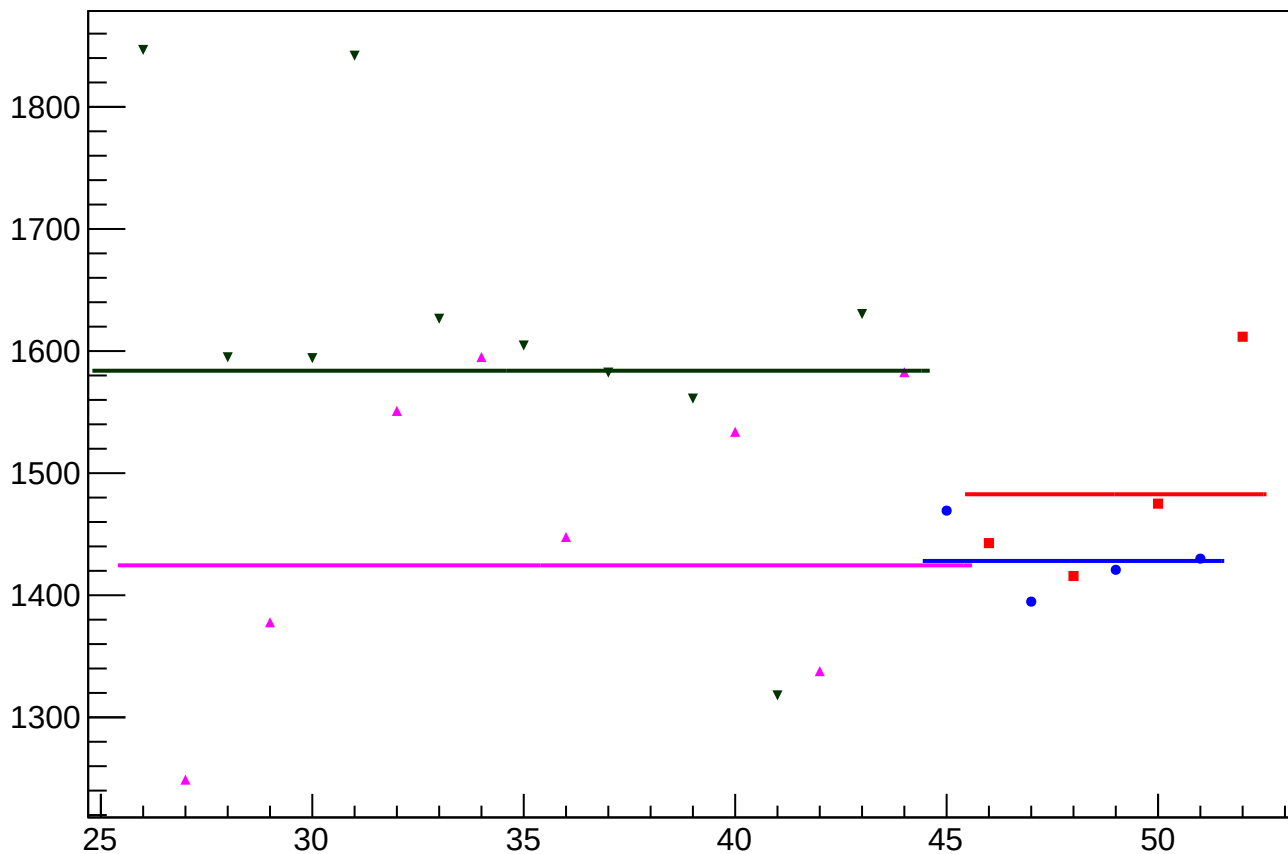
Left Out: -163.511+/-695.796 χ^2/NDF : 3.3/9

Right Out: -302.477+/-1044.804 χ^2/NDF : 5.6/3

Left In: 1599.395+/-633.470 χ^2/NDF : 6.7/7

345.420+/-385.345 χ^2/NDF : 25.1/25

asym_atl_dd_correction_rms vs slug



Right In: 1428.107+/-0.630 χ^2/NDF : 1610.6/3

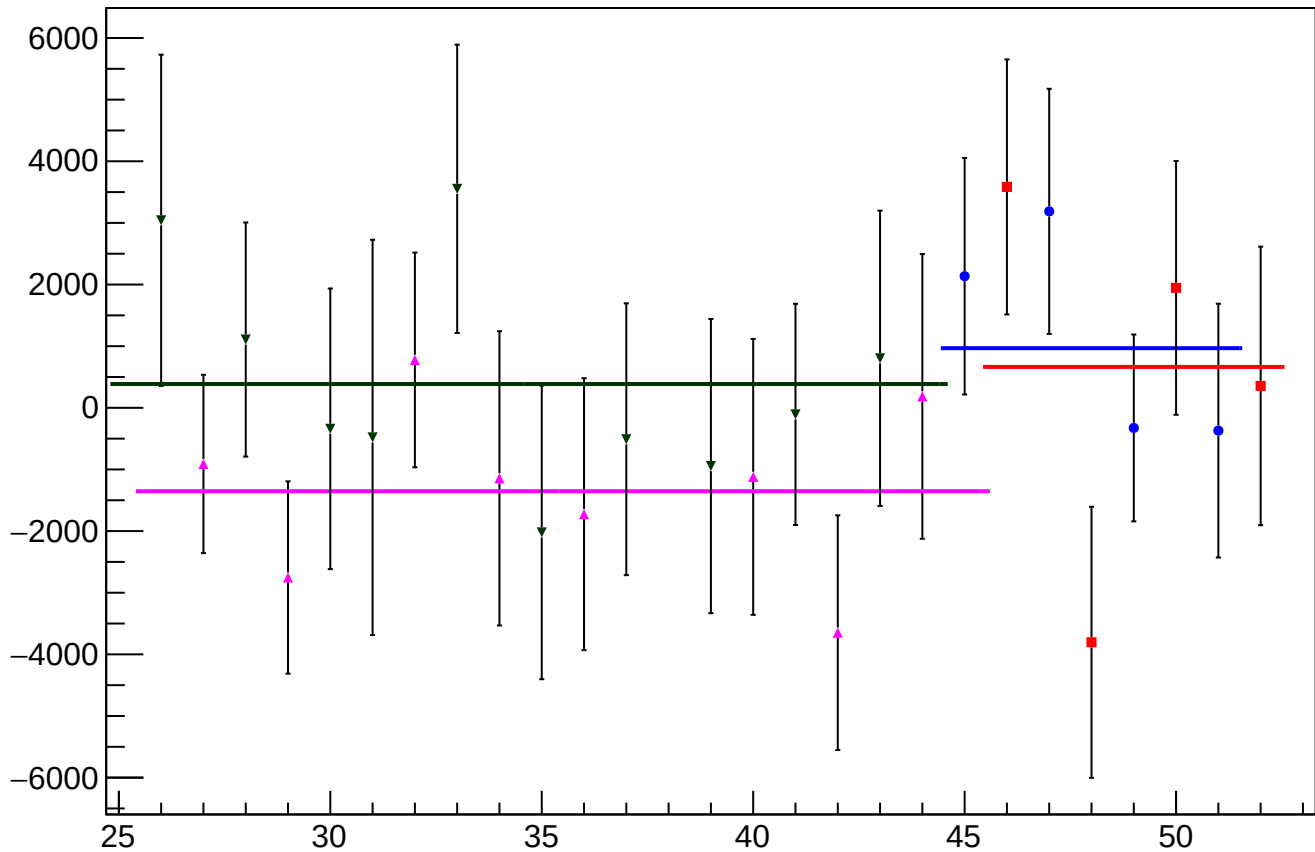
Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

Right Out: 1482.715+/-0.739 χ^2/NDF : 9554.8/3

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1481.982+/-0.272 χ^2/NDF : 239138.5/25

asym_atl_dd_mean vs slug



Right In: 967.446 ± 914.631 $\chi^2/\text{NDF}: 2.8/3$

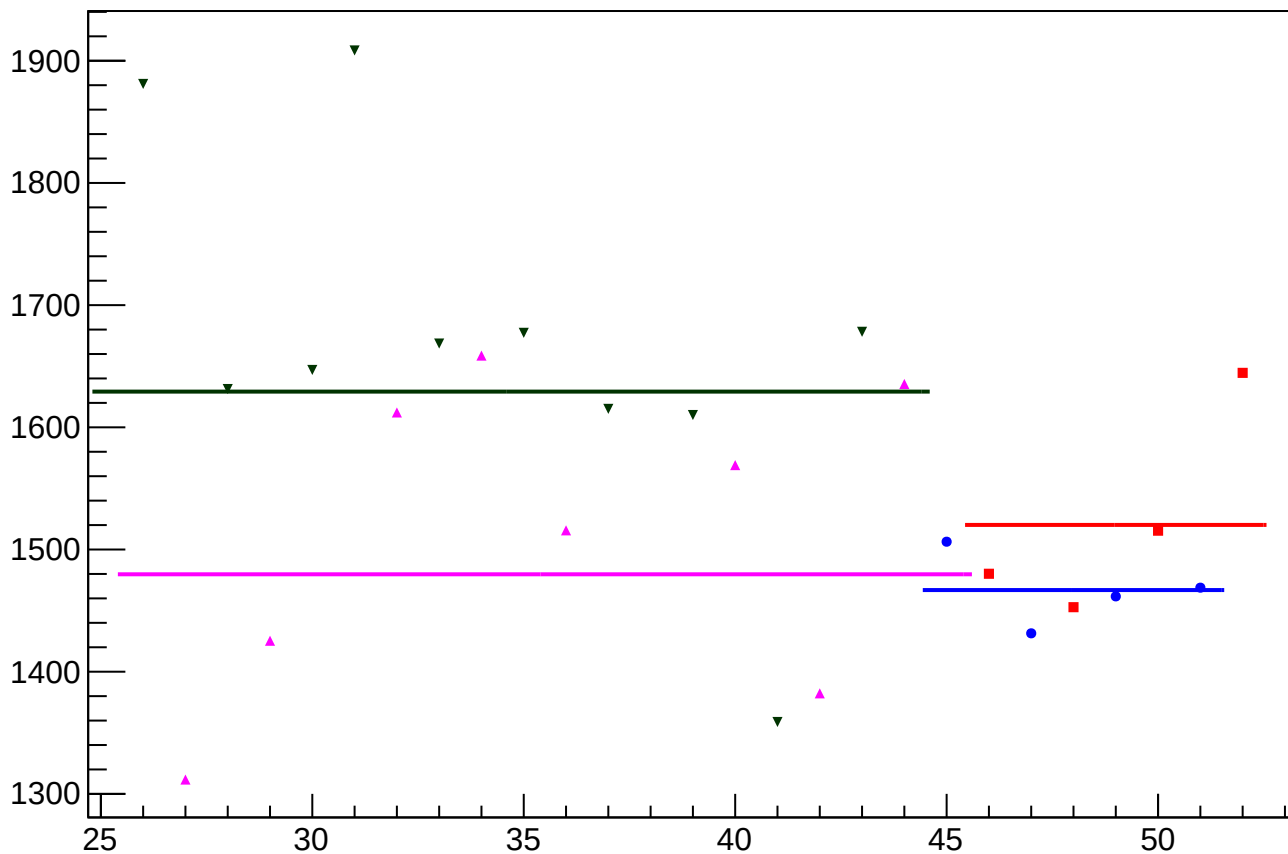
Left Out: 386.051 ± 719.673 $\chi^2/\text{NDF}: 4.7/9$

-92.826 ± 399.662 $\chi^2/\text{NDF}: 24.2/25$

Right Out: 663.598 ± 1070.842 $\chi^2/\text{NDF}: 6.5/3$

Left In: -1353.325 ± 664.845 $\chi^2/\text{NDF}: 4.3/7$

asym_atl_dd_rms vs slug



Right In: 1466.819+/-0.647 χ^2/NDF : 1509.4/3

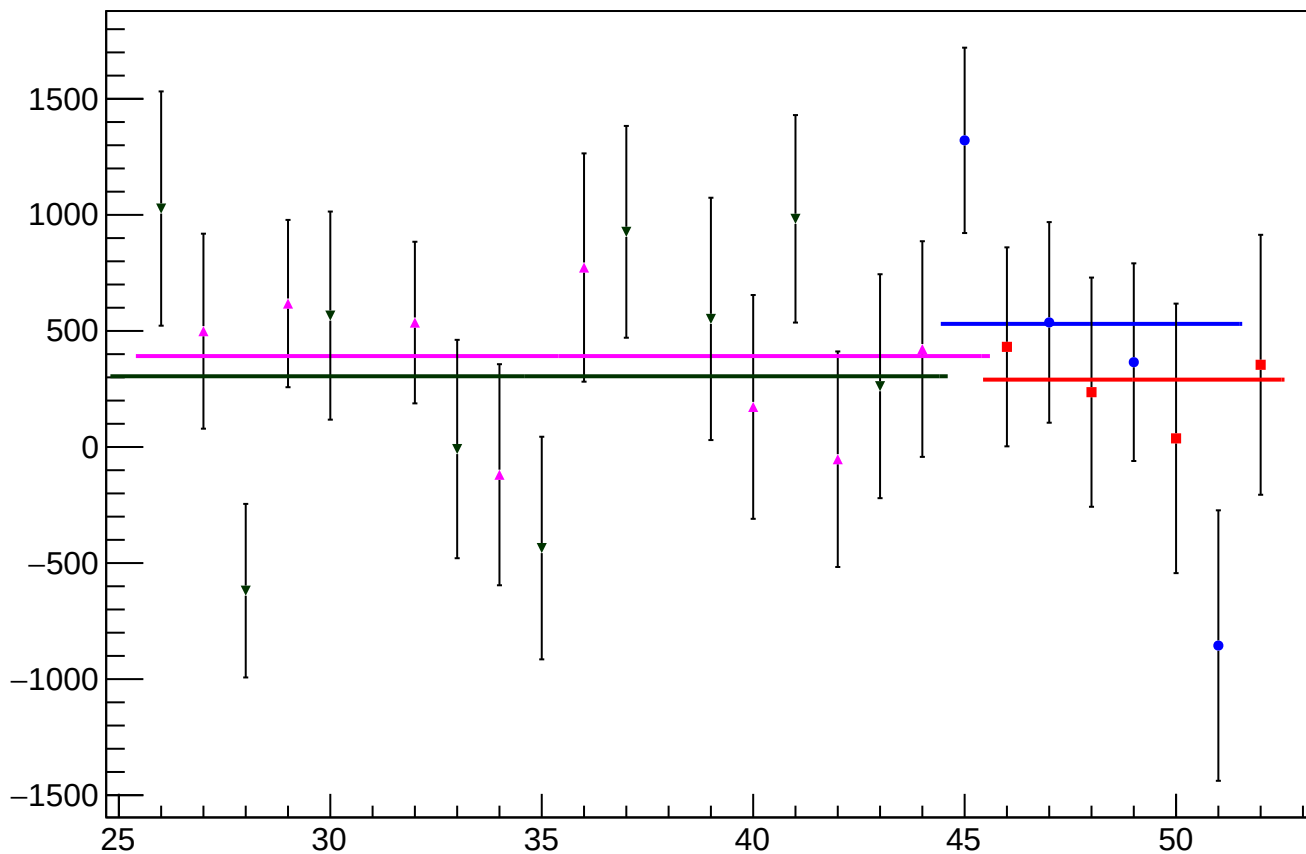
Left Out: 1629.236+/-0.509 χ^2/NDF : 80669.5/9

Right Out: 1520.129+/-0.757 χ^2/NDF : 8698.4/3

Left In: 1479.724+/-0.470 χ^2/NDF : 70261.1/7

1528.998+/-0.283 χ^2/NDF : 220303.8/25

reg_asym_atr_avg_mean vs slug



Right In: 530.451 $\pm$ 223.111 χ^2 /NDF: 9.7/3

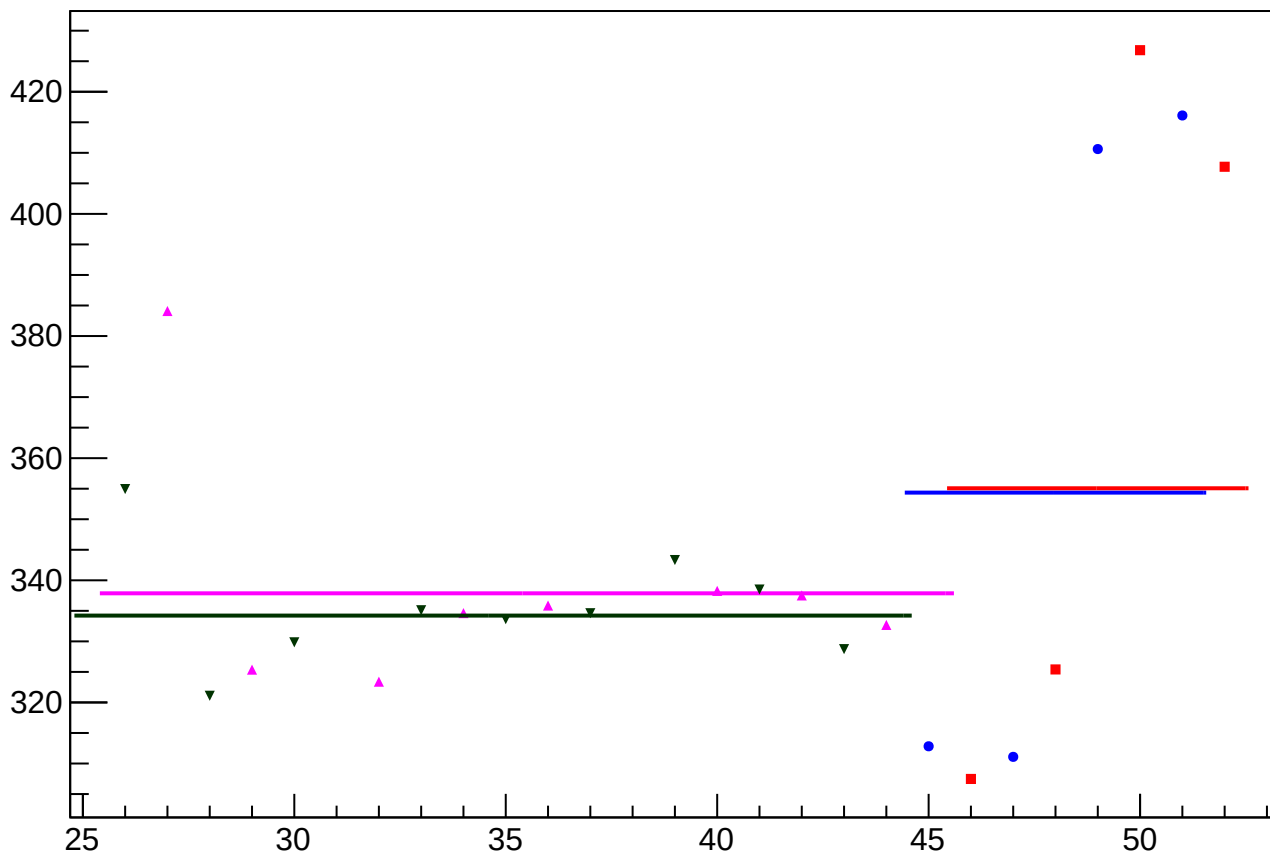
Left Out: 304.753 $\pm$ 153.029 χ^2 /NDF: 15.7/8

Right Out: 290.251 $\pm$ 252.369 χ^2 /NDF: 0.3/3

Left In: 391.742 $\pm$ 151.210 χ^2 /NDF: 3.5/7

371.112 $\pm$ 90.451 χ^2 /NDF: 30.1/24

reg_asym_atr_avg_rms vs slug



Right In: 354.361+/-0.158 χ^2/NDF : 99082.8/3

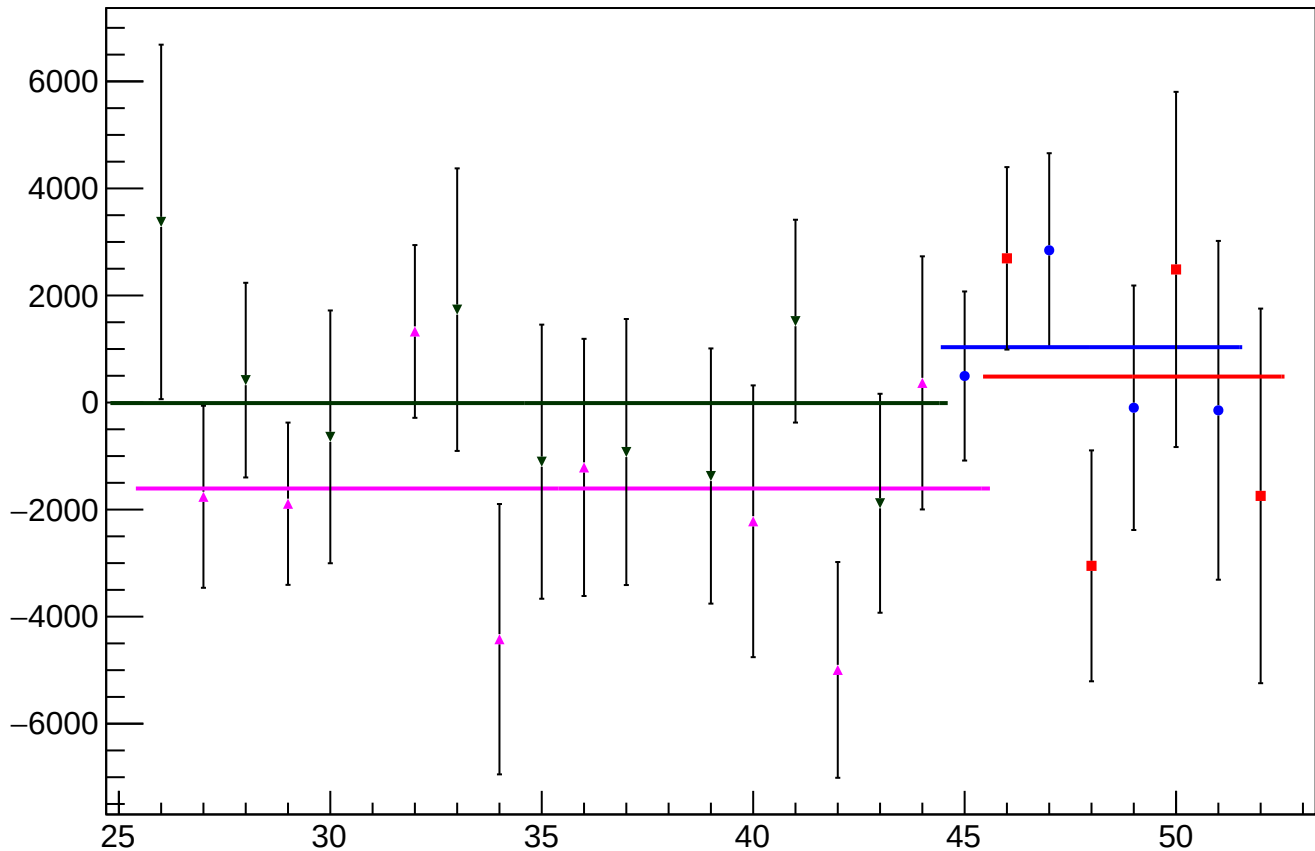
Left Out: 334.224+/-0.108 χ^2/NDF : 7088.3/8

341.516+/-0.064 χ^2/NDF : 234836.3/24

Right Out: 355.071+/-0.178 χ^2/NDF : 80100.6/3

Left In: 337.871+/-0.107 χ^2/NDF : 30461.2/7

asym_atr_avg_correction_mean vs slug



Right In: 1034.172 $\pm$ 1001.806 χ^2 /NDF: 1.5/3

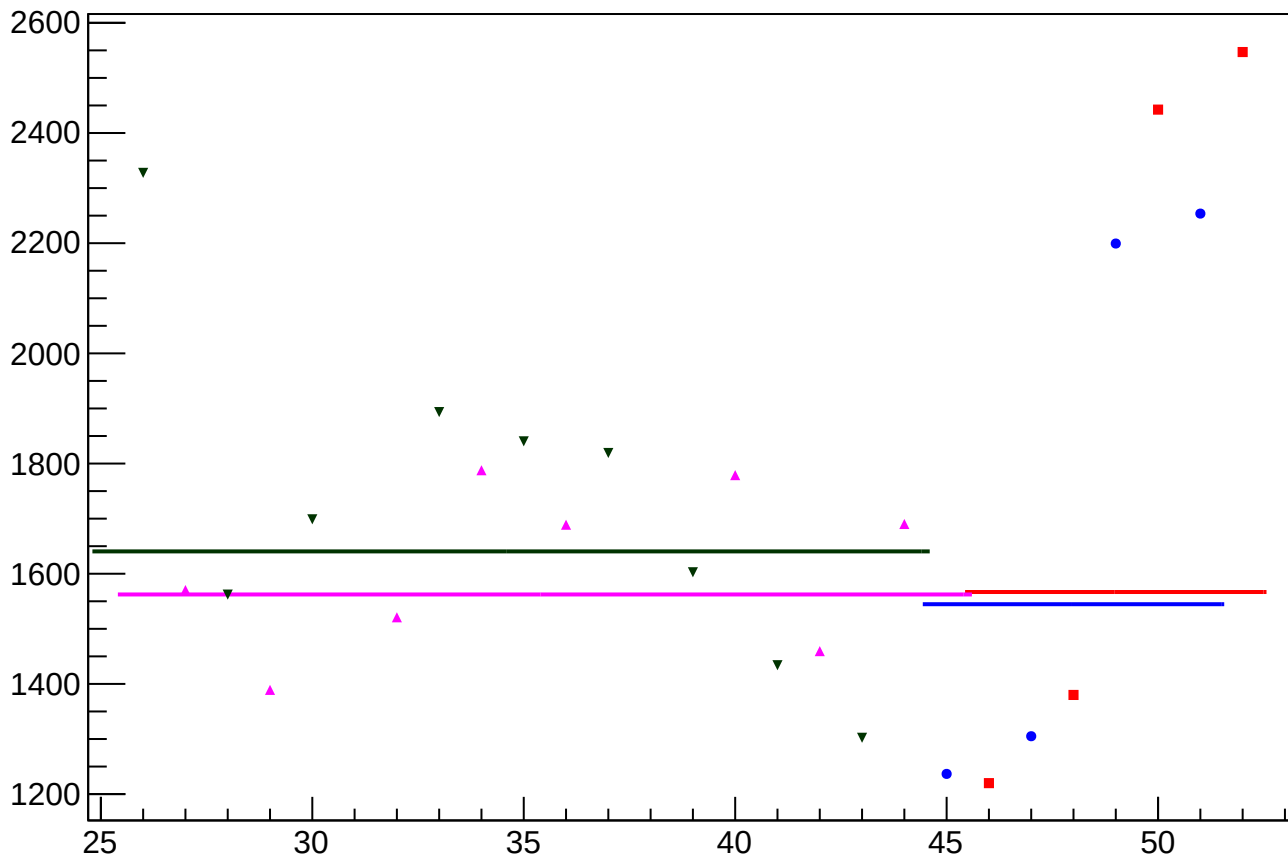
Left Out: -10.269 $\pm$ 761.494 χ^2 /NDF: 3.7/8

-355.541 $\pm$ 425.331 χ^2 /NDF: 24.5/24

Right Out: 485.080 $\pm$ 1169.100 χ^2 /NDF: 5.1/3

Left In: -1606.123 $\pm$ 694.183 χ^2 /NDF: 8.2/7

asym_atr_avg_correction_rms vs slug



Right In: 1544.689+/-0.708 χ^2/NDF : 375689.7/3

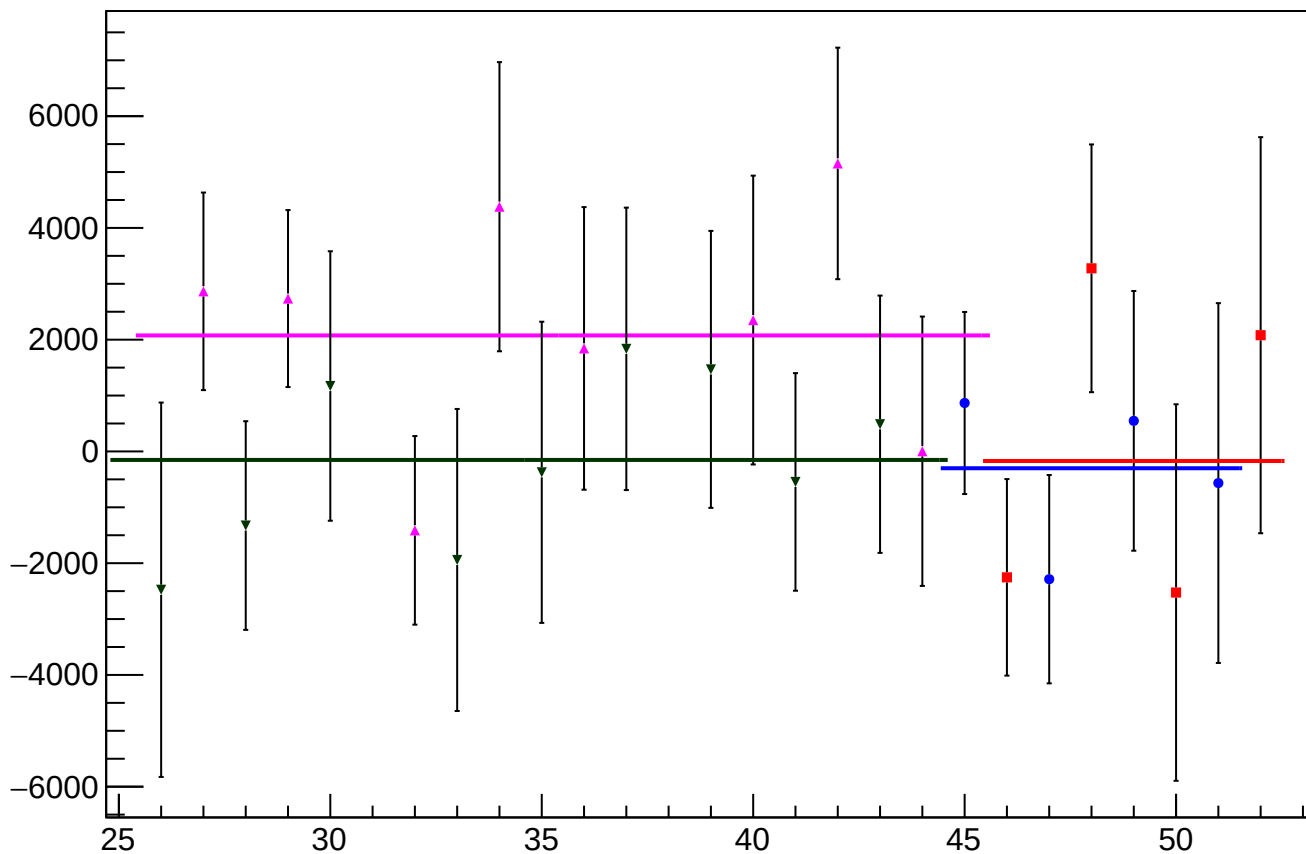
Left Out: 1640.545+/-0.538 χ^2/NDF : 210924.6/8

1584.165+/-0.301 χ^2/NDF : 1071755.0/24

Right Out: 1566.840+/-0.827 χ^2/NDF : 394067.0/3

Left In: 1562.373+/-0.491 χ^2/NDF : 74594.6/7

asym_atr_avg_mean vs slug



Right In: -300.920+/-1028.209 χ^2/NDF : 1.8/3

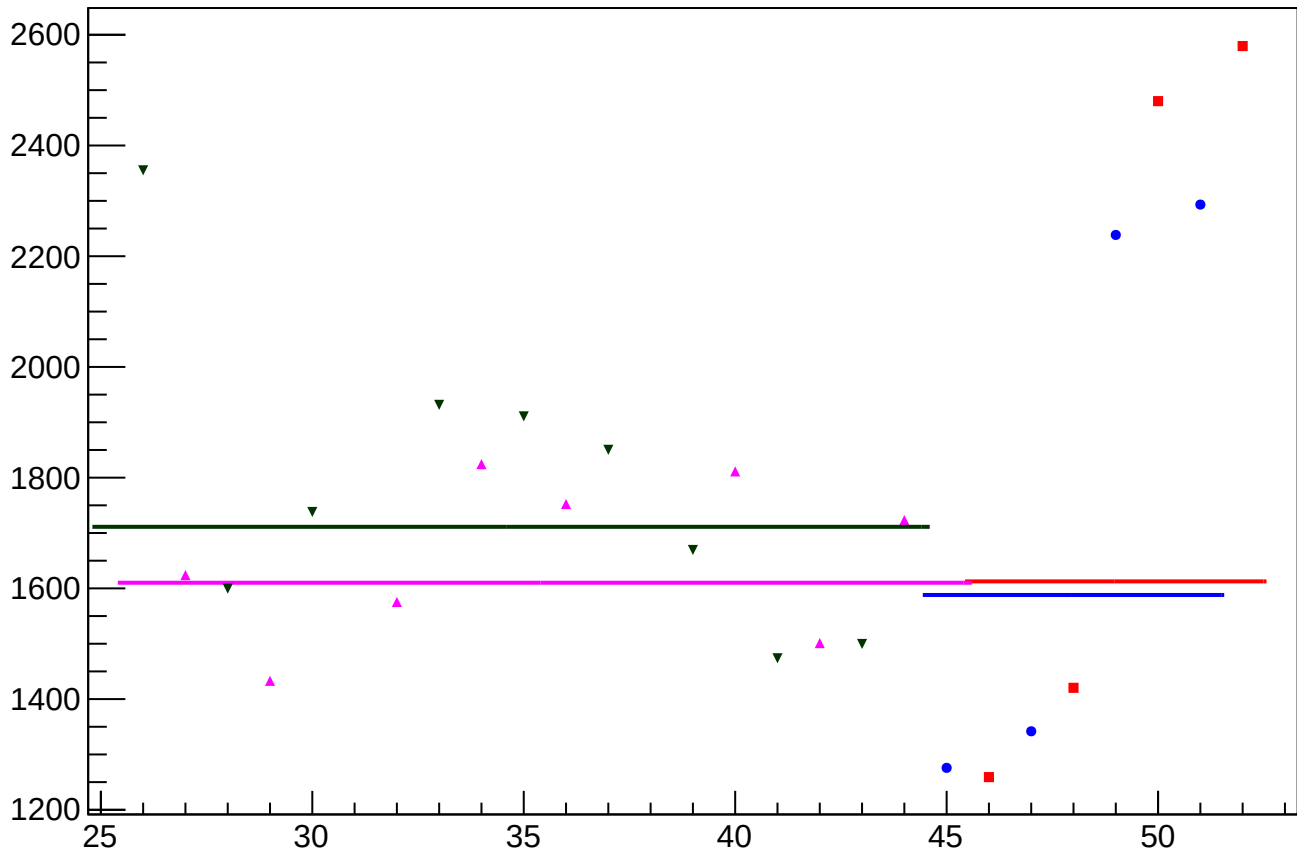
Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

Right Out: -171.074+/-1199.961 χ^2/NDF : 4.7/3

Left In: 2075.972+/-719.755 χ^2/NDF : 8.4/7

650.759+/-440.010 χ^2/NDF : 24.0/24

asym_atr_avg_rms vs slug



Right In: 1588.075+/-0.727 χ^2/NDF : 360902.3/3

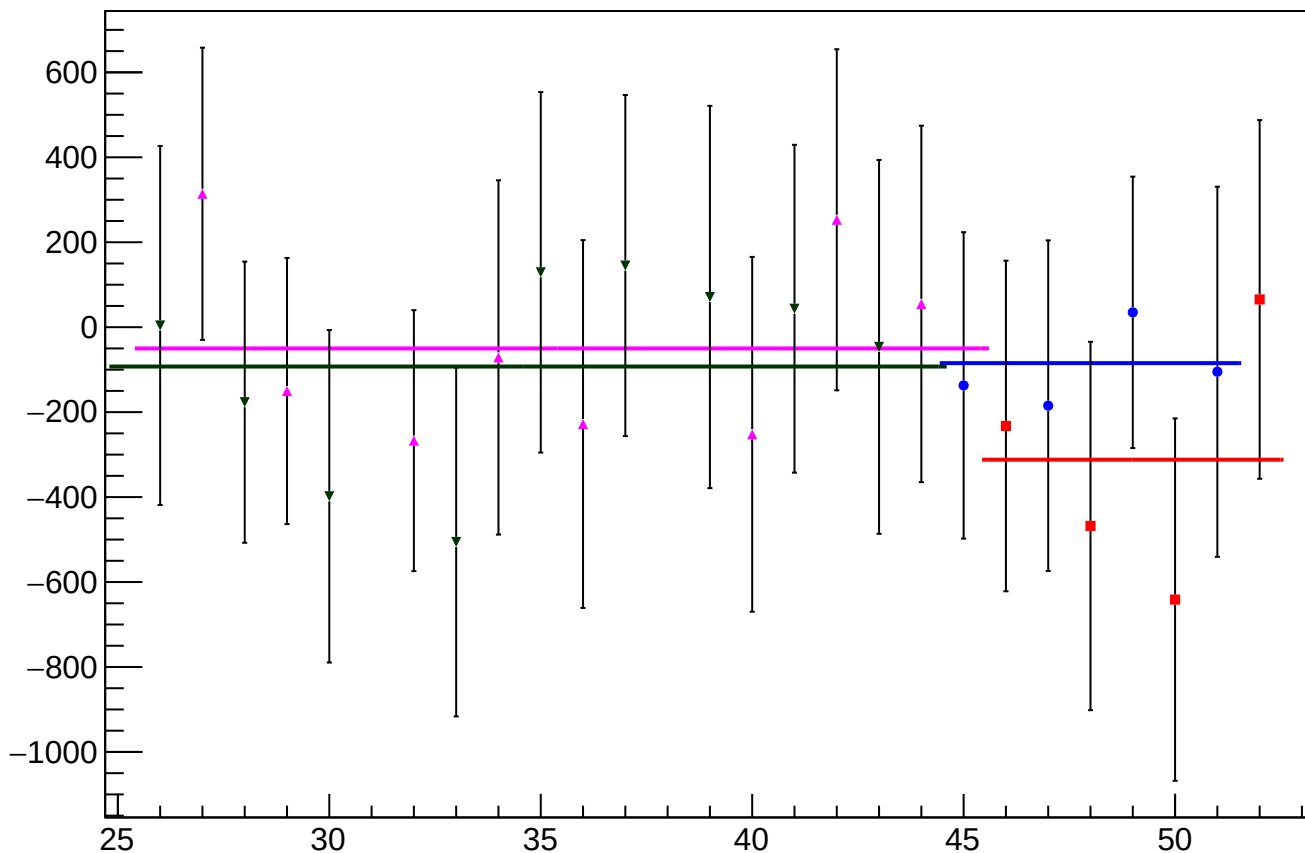
Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

1637.642+/-0.311 χ^2/NDF : 990883.7/24

Right Out: 1612.603+/-0.849 χ^2/NDF : 377380.4/3

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

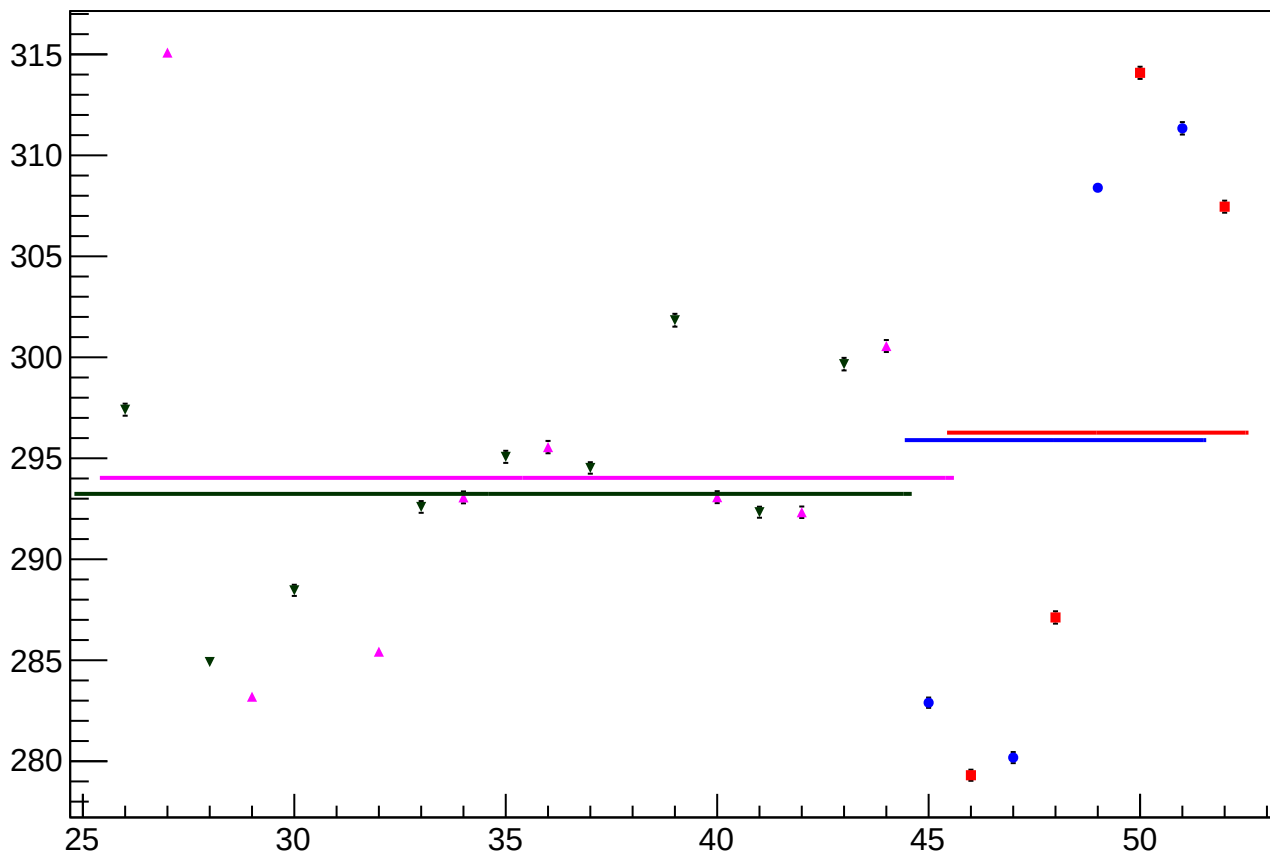
Left Out: -92.623 ± 133.933 χ^2/NDF : 2.6/8

-106.764 ± 77.603 χ^2/NDF : 8.4/24

Right Out: -311.936 ± 208.401 χ^2/NDF : 1.6/3

Left In: -50.044 ± 131.389 χ^2/NDF : 2.8/7

reg_asym_atr_dd_rms vs slug



Right In: 295.900 ± 0.131 χ^2/NDF : 11431.4/3

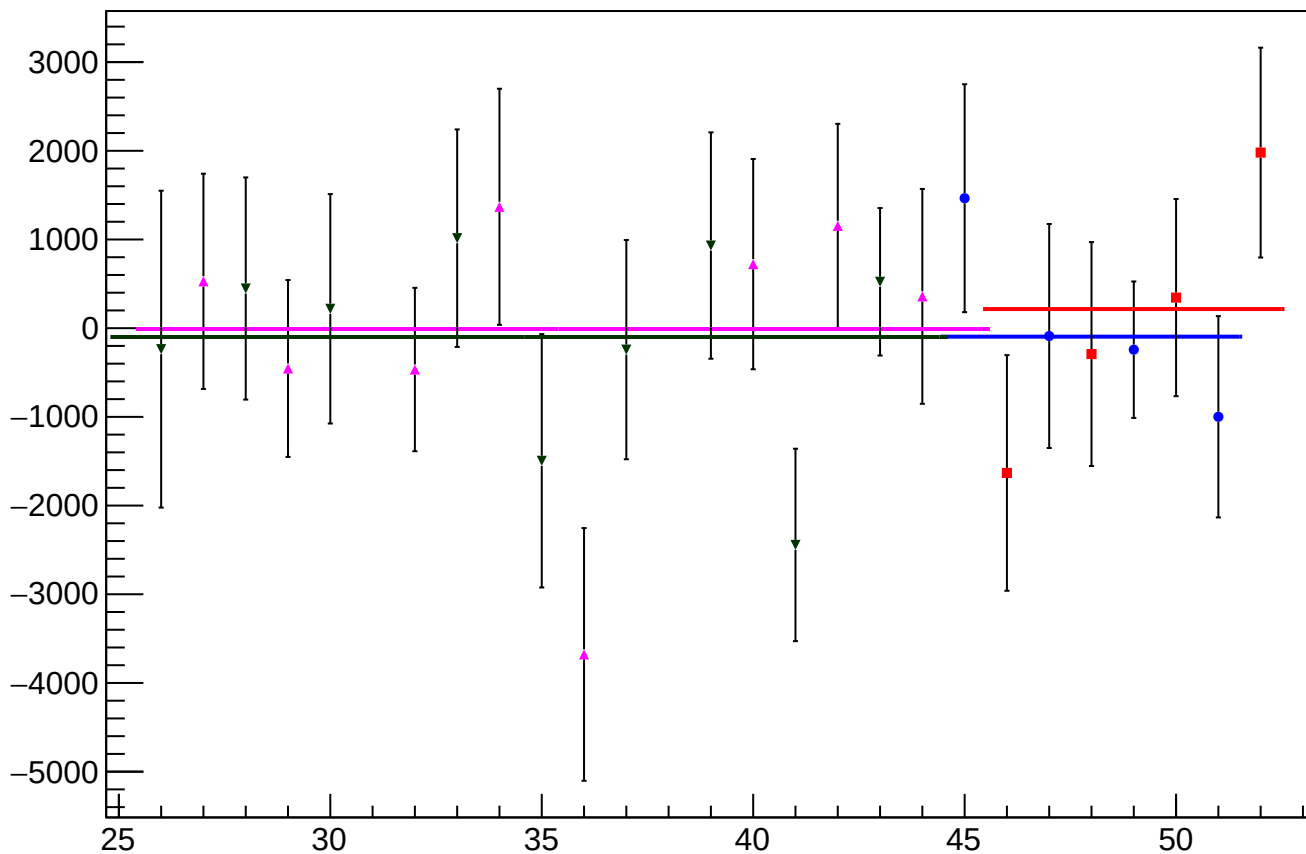
Left Out: 293.238 ± 0.095 χ^2/NDF : 2987.1/8

Right Out: 296.270 ± 0.147 χ^2/NDF : 9583.3/3

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.0/7

294.406 ± 0.055 χ^2/NDF : 36482.1/24

asym_atr_dd_correction_mean vs slug



Right In: -95.516 ± 519.933 χ^2/NDF : 2.1/3

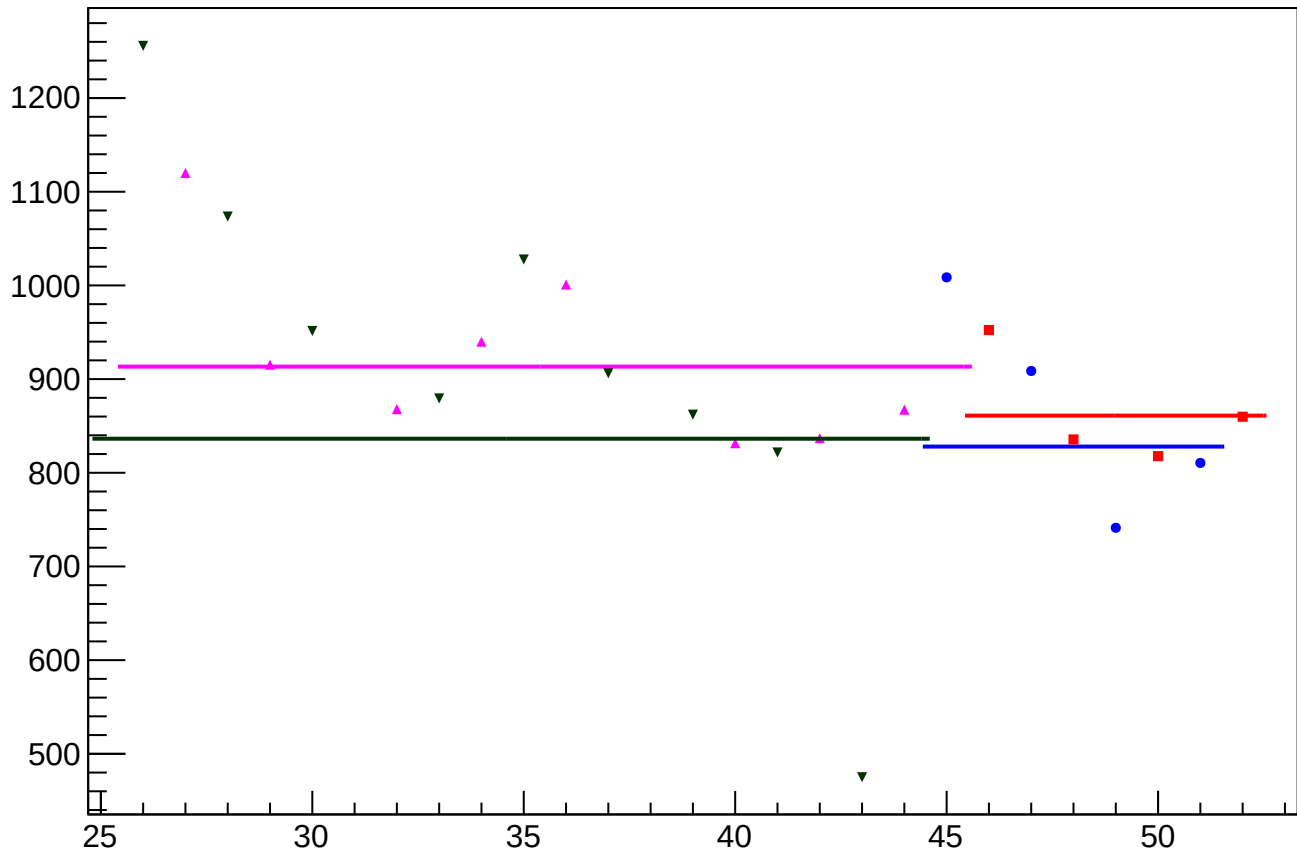
Left Out: -99.338 ± 399.387 χ^2/NDF : 7.9/8

-23.792 ± 230.899 χ^2/NDF : 24.5/24

Right Out: 215.691 ± 606.488 χ^2/NDF : 4.3/3

Left In: -9.316 ± 405.898 χ^2/NDF : 9.8/7

asym_atr_dd_correction_rms vs slug



Right In: 827.976+/-0.368 χ^2/NDF : 73565.6/3

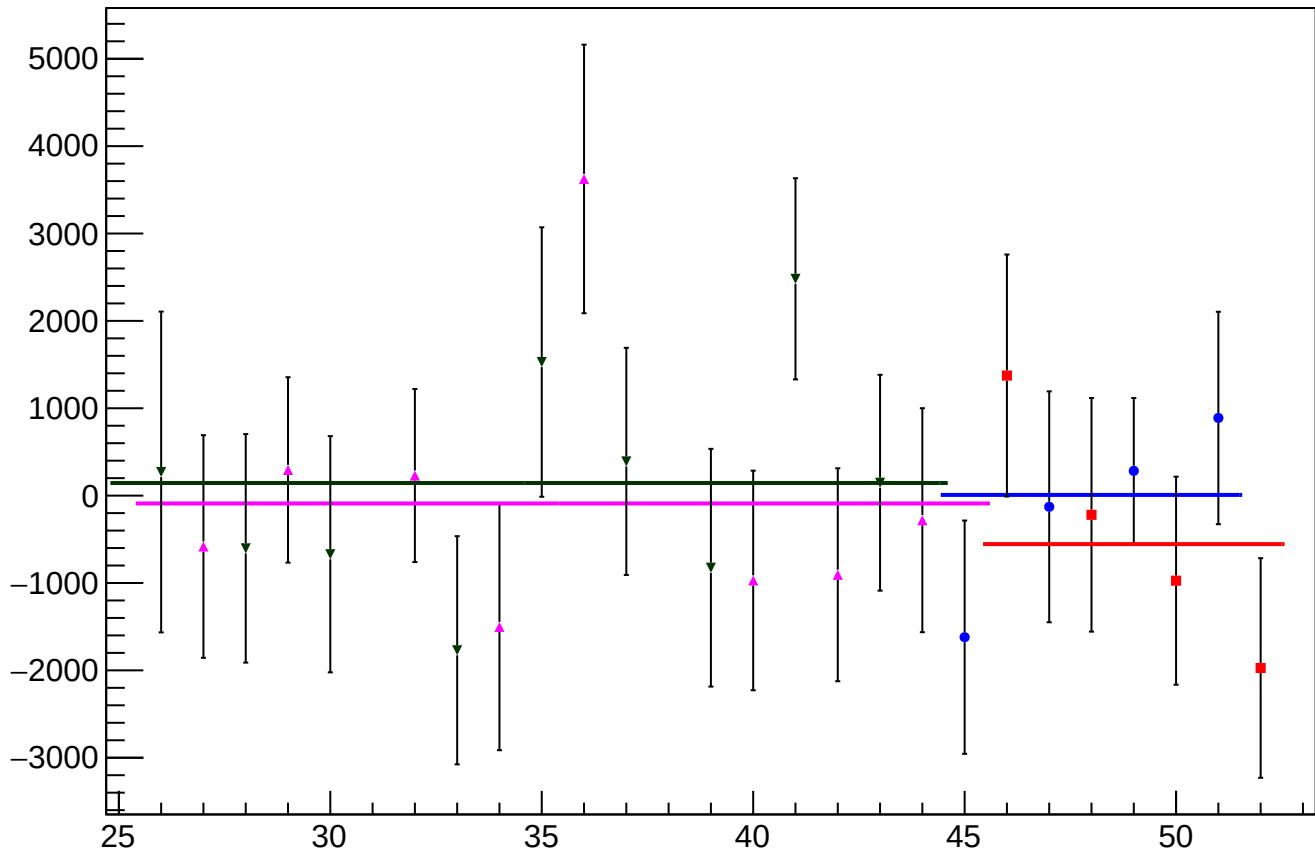
Left Out: 836.361+/-0.282 χ^2/NDF : 621502.5/8

Right Out: 860.989+/-0.429 χ^2/NDF : 13299.5/3

Left In: 913.324+/-0.287 χ^2/NDF : 92509.5/7

863.183+/-0.163 χ^2/NDF : 849613.7/24

asym_atr_dd_mean vs slug



Right In: 8.189 ± 554.828 χ^2/NDF : 2.1/3

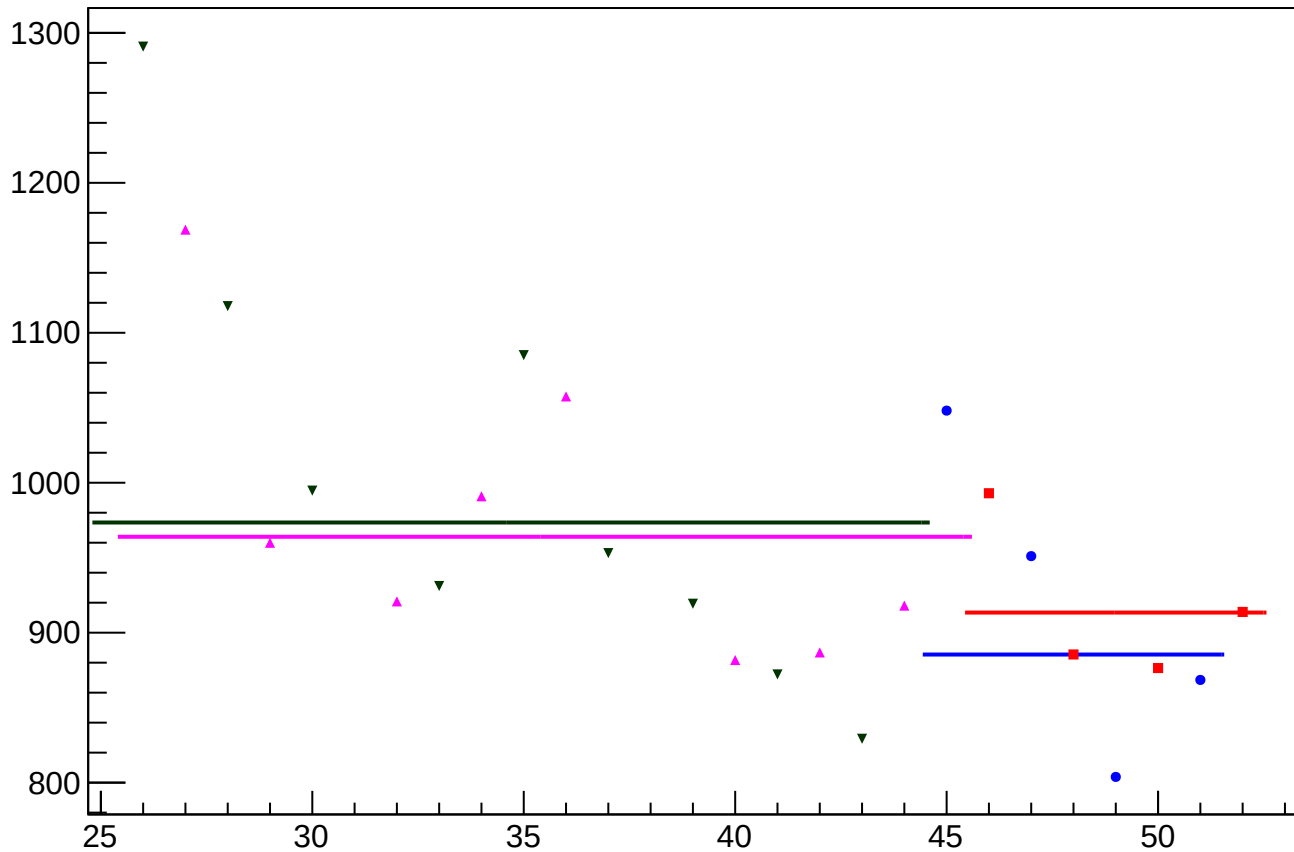
Left Out: 144.740 ± 448.245 χ^2/NDF : 8.3/8

-67.196 ± 249.935 χ^2/NDF : 22.9/24

Right Out: -554.871 ± 642.938 χ^2/NDF : 3.4/3

Left In: -89.559 ± 431.788 χ^2/NDF : 8.2/7

asym_atr_dd_rms vs slug



Right In: 885.427 ± 0.392 $\chi^2/\text{NDF}: 54166.3/3$

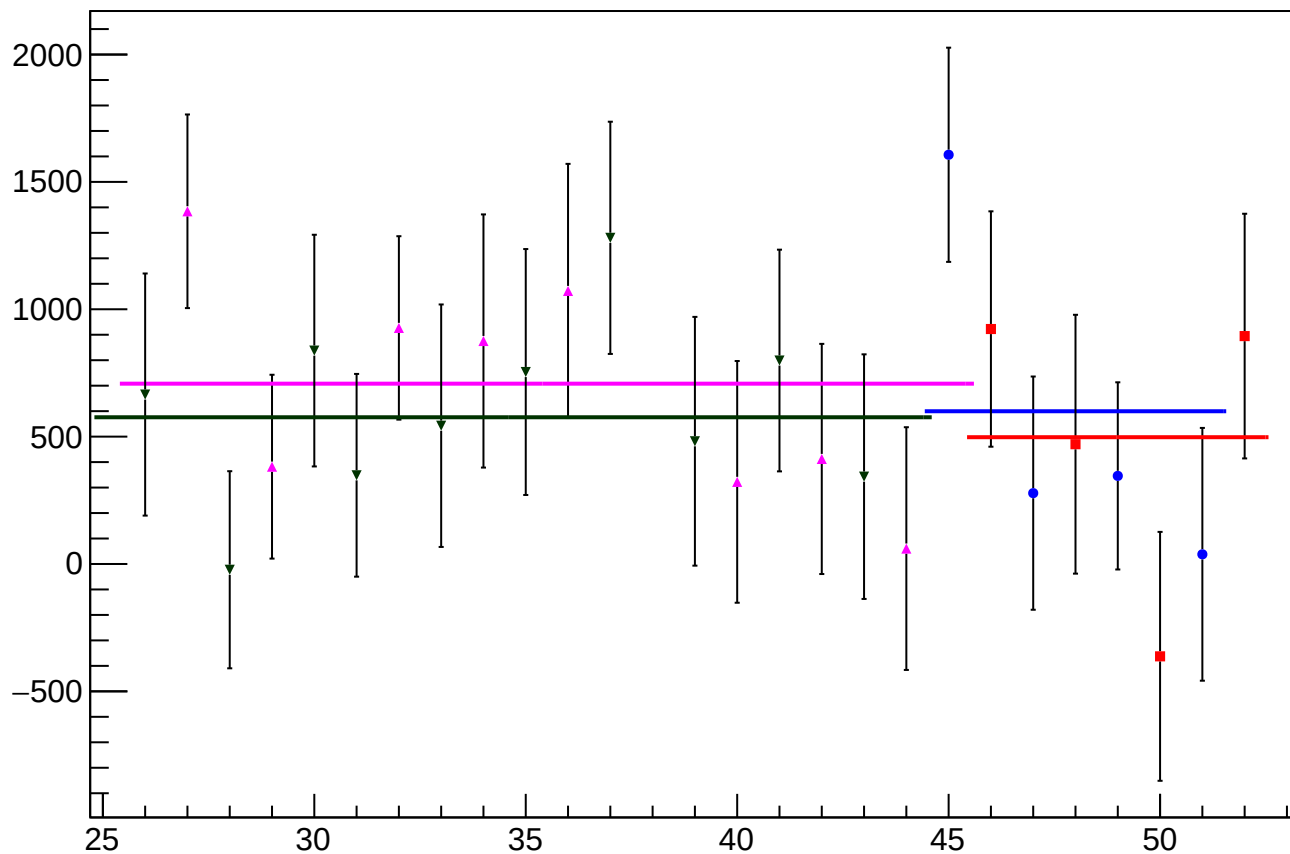
Left Out: 973.478 ± 0.317 $\chi^2/\text{NDF}: 143582.3/8$

Right Out: 913.423 ± 0.455 $\chi^2/\text{NDF}: 9405.9/3$

Left In: 963.964 ± 0.305 $\chi^2/\text{NDF}: 82771.8/7$

943.347 ± 0.177 $\chi^2/\text{NDF}: 329651.1/24$

reg_asym_at1_avg_mean vs slug



Right In: 599.630 $\pm$ 213.703 χ^2/NDF : 8.0/3

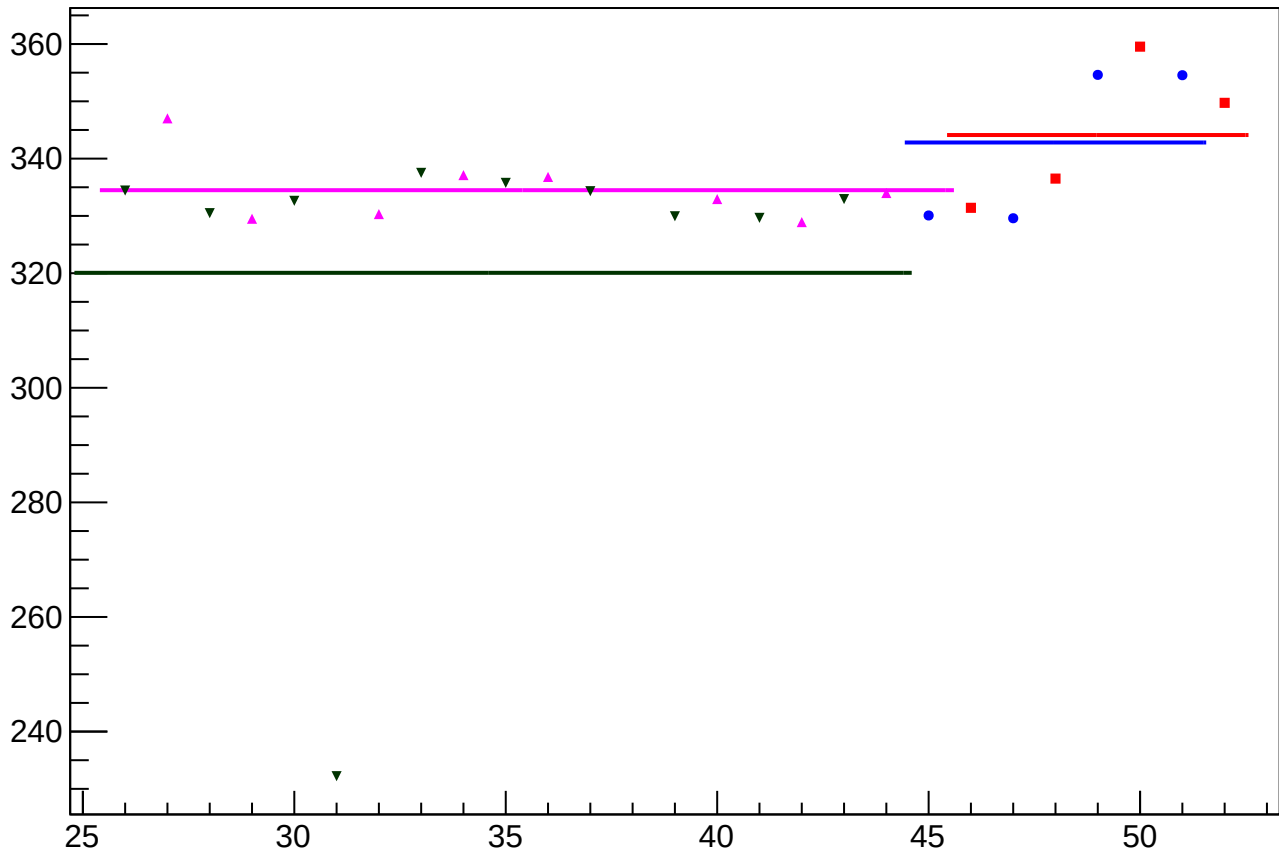
Left Out: 575.997 $\pm$ 142.011 χ^2/NDF : 6.2/9

Right Out: 497.729 $\pm$ 241.948 χ^2/NDF : 4.6/3

Left In: 707.882 $\pm$ 150.536 χ^2/NDF : 7.9/7

613.681 $\pm$ 86.811 χ^2/NDF : 27.4/25

reg_asym_at1_avg_rms vs slug



Right In: 342.814 $\pm$ 0.151 χ^2 /NDF: 6687.8/3

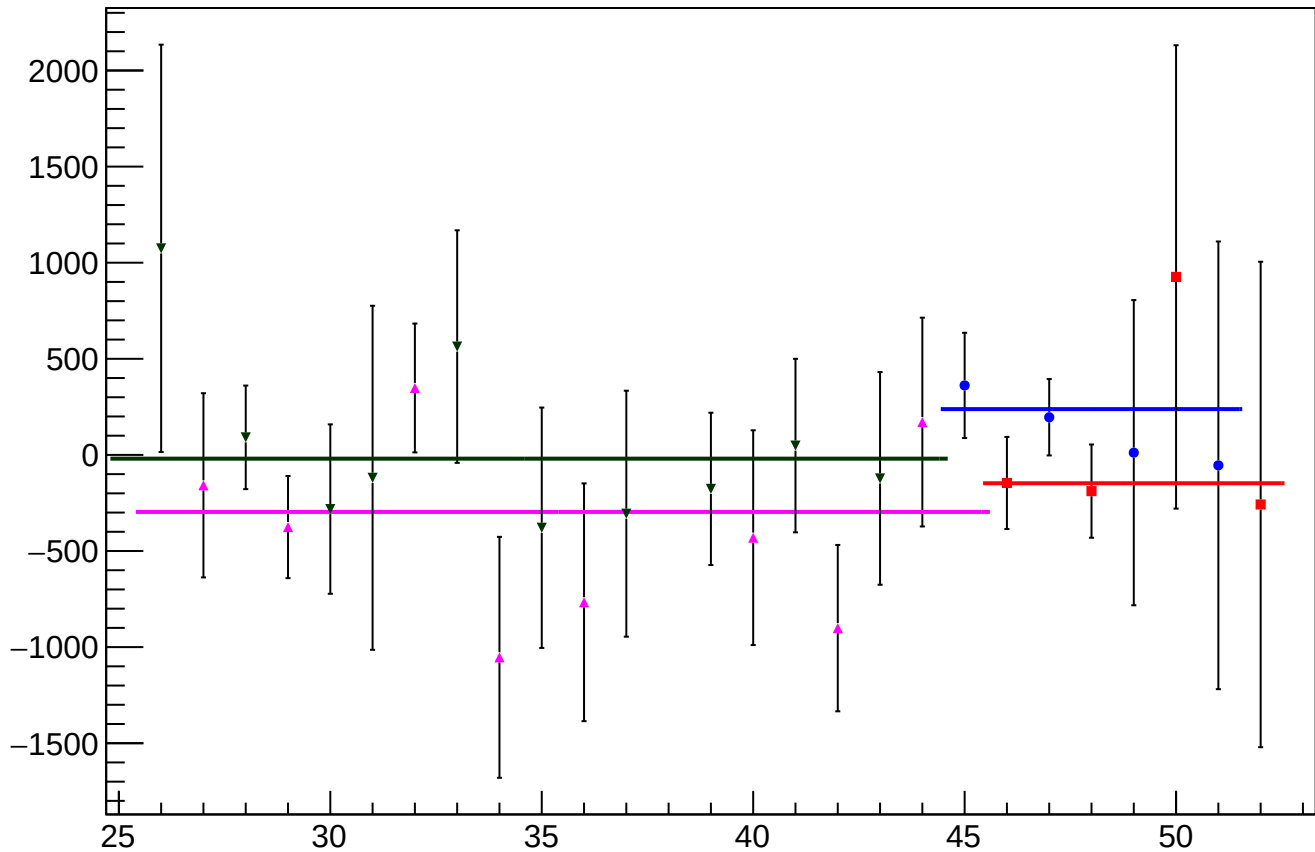
Left Out: 320.067 $\pm$ 0.100 χ^2 /NDF:112253.2/9

331.713 $\pm$ 0.061 χ^2 /NDF: 151206.6/25

Right Out: 344.117 $\pm$ 0.171 χ^2 /NDF: 4227.4/3

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

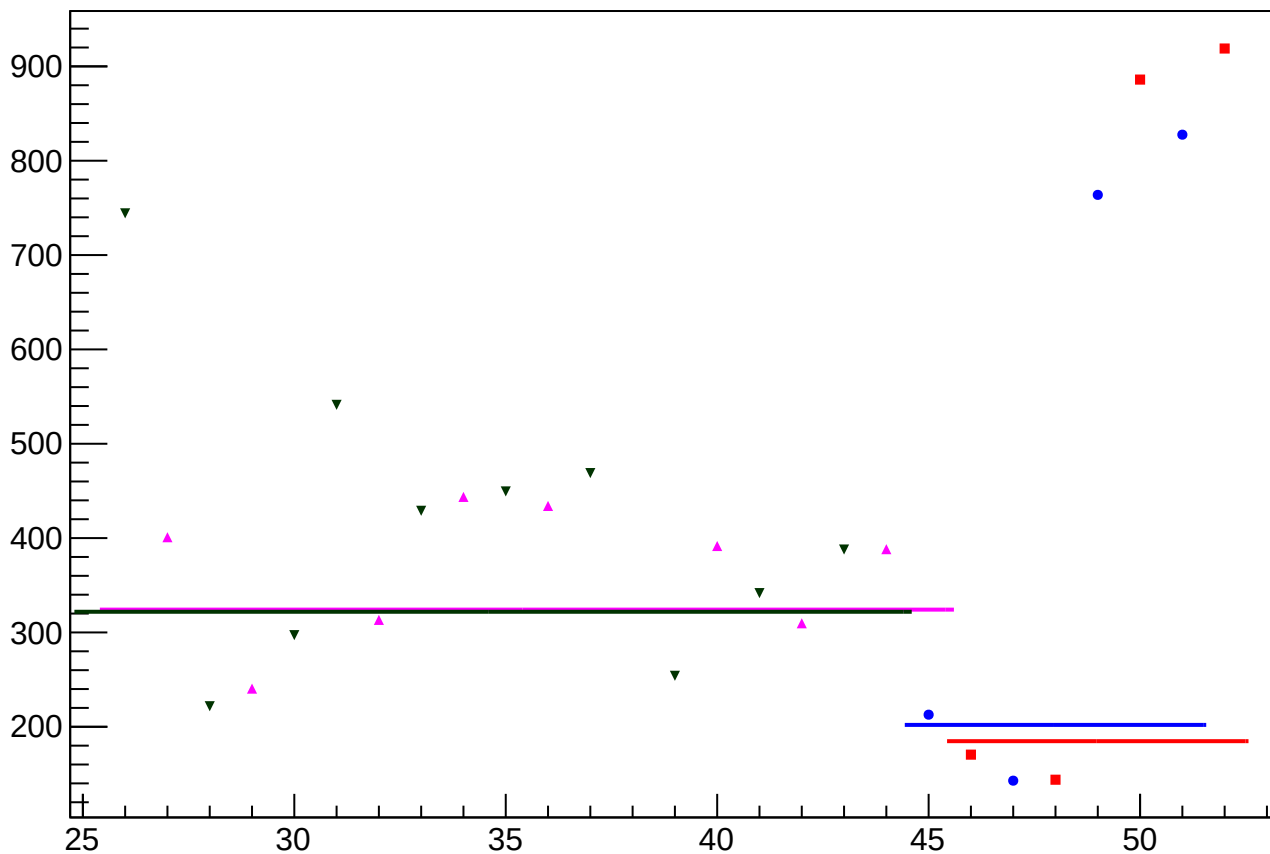
Left Out: -19.517 $\pm$ 151.896 χ^2/NDF : 3.3/9

-58.037 $\pm$ 77.955 χ^2/NDF : 19.6/25

Right Out: -147.493 $\pm$ 167.297 χ^2/NDF : 0.8/3

Left In: -296.652 $\pm$ 149.919 χ^2/NDF : 8.7/7

asym_at1_avg_correction_rms vs slug



Right In: 201.989+/-0.110 χ^2/NDF : 1758902.6/3

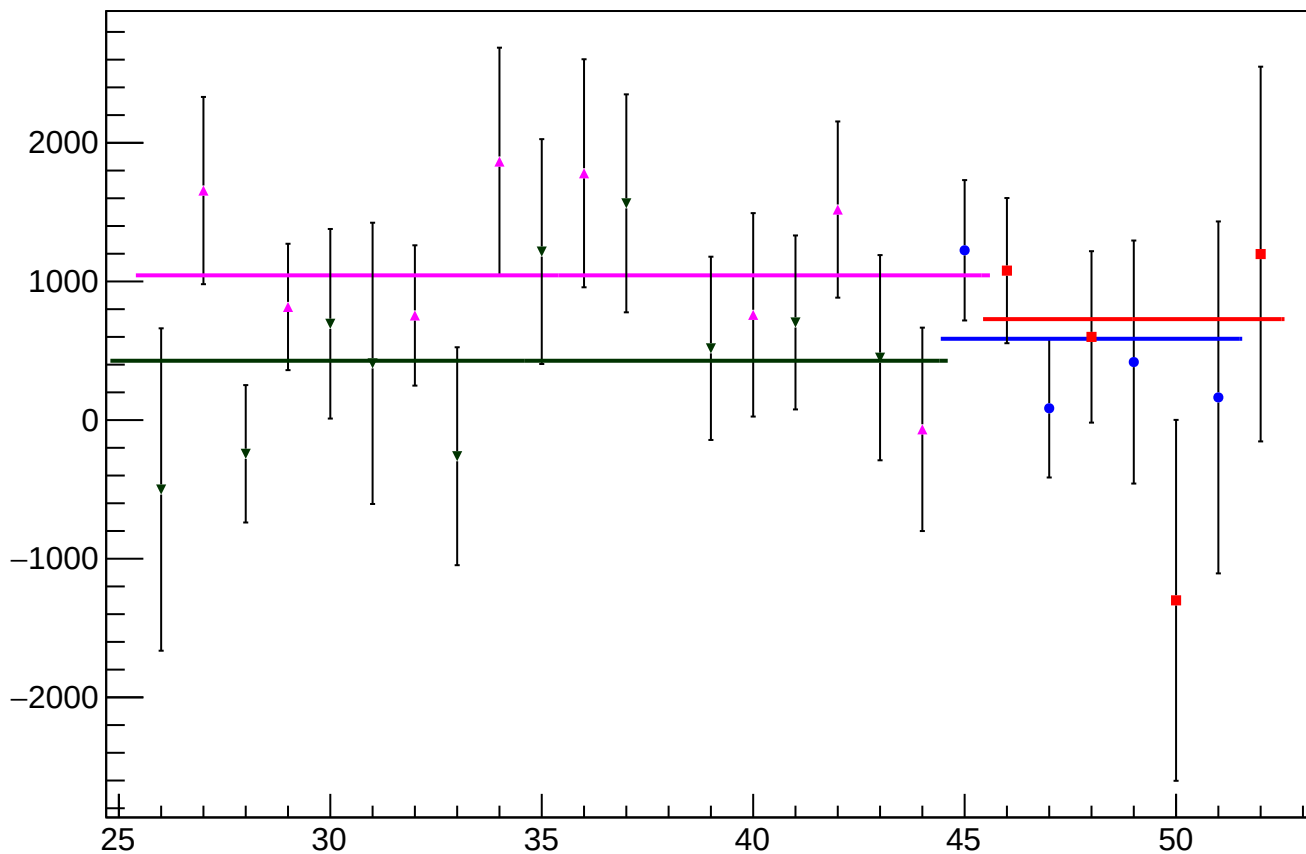
Left Out: 321.920+/-0.107 χ^2/NDF :1062719.8/9

262.872+/-0.055 χ^2/NDF : 6061958.4/25

Right Out: 184.744+/-0.118 χ^2/NDF : 1416739.3/3

Left In: 324.181+/-0.106 χ^2/NDF :446819.9/7

asym_at1_avg_mean vs slug



Right In: 586.471+/-318.897 χ^2/NDF : 2.7/3

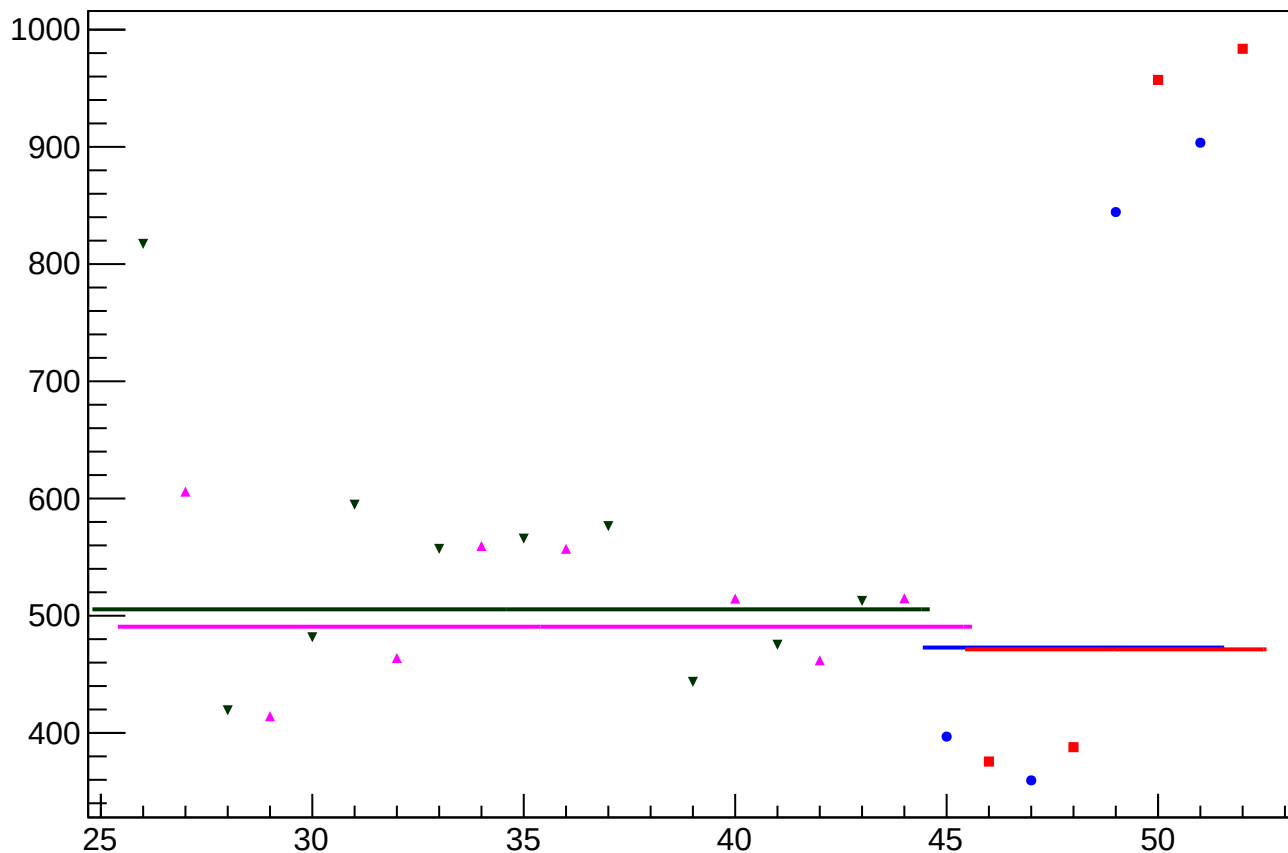
Left Out: 427.989+/-227.432 χ^2/NDF : 6.6/9

Right Out: 728.309+/-367.602 χ^2/NDF : 3.0/3

Left In: 1044.099+/-223.260 χ^2/NDF : 6.2/7

713.027+/-132.887 χ^2/NDF : 22.5/25

asym_at1_avg_rms vs slug



Right In: 472.844+/-0.225 χ^2/NDF : 737569.5/3

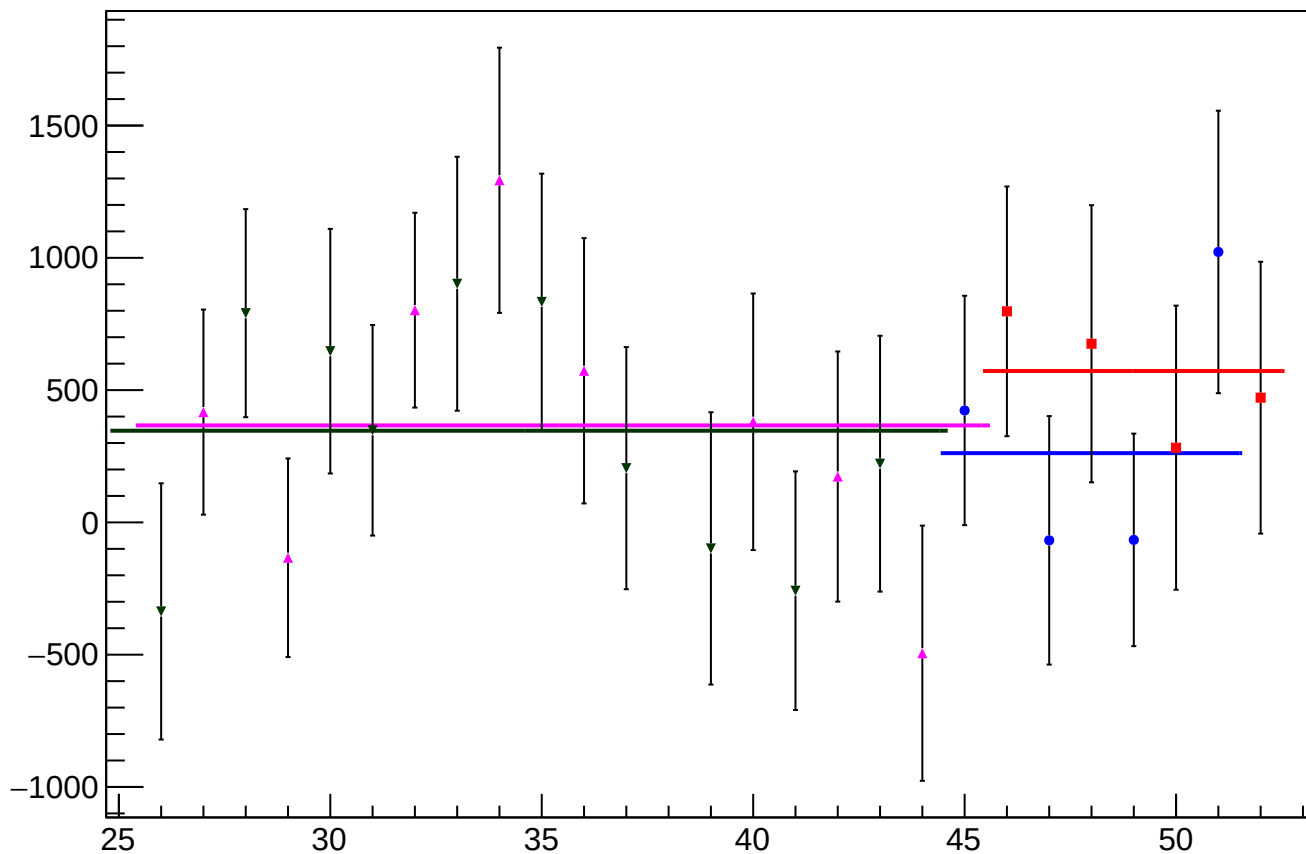
Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

Right Out: 471.292+/-0.260 χ^2/NDF : 669240.7/3

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

490.072+/-0.094 χ^2/NDF : 1862965.9/25

reg_asym_at1_dd_mean vs slug



Right In: 261.764 $\pm$ 226.118 χ^2 /NDF: 3.3/3

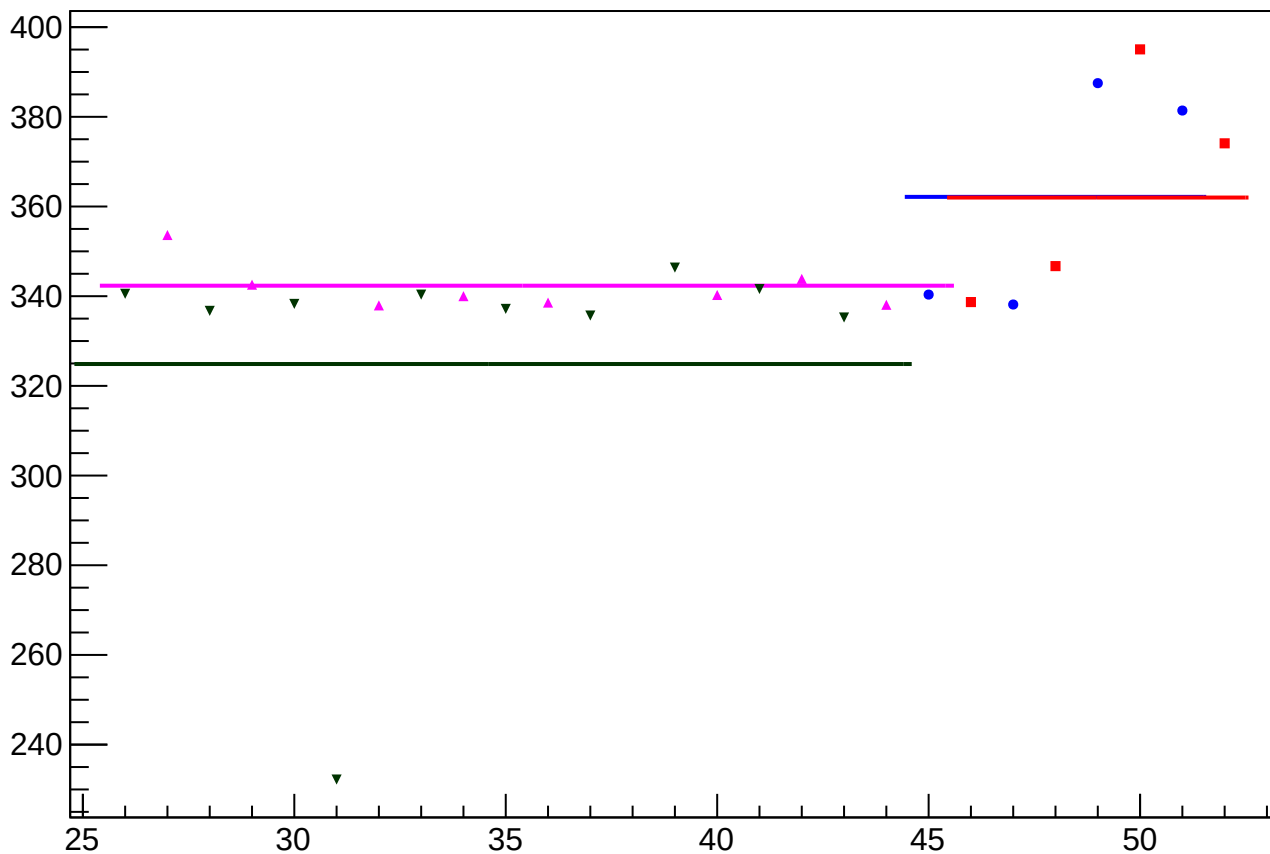
Left Out: 346.550 $\pm$ 144.244 χ^2 /NDF:8.7/9

Right Out: 572.274 $\pm$ 254.884 χ^2 /NDF: 0.6/3

Left In: 366.596 $\pm$ 154.091 χ^2 /NDF:10.1/7

367.812 $\pm$ 89.397 χ^2 /NDF: 23.7/25

reg_asym_at1_dd_rms vs slug



Right In: 362.149+/-0.160 χ^2/NDF : 20848.7/3

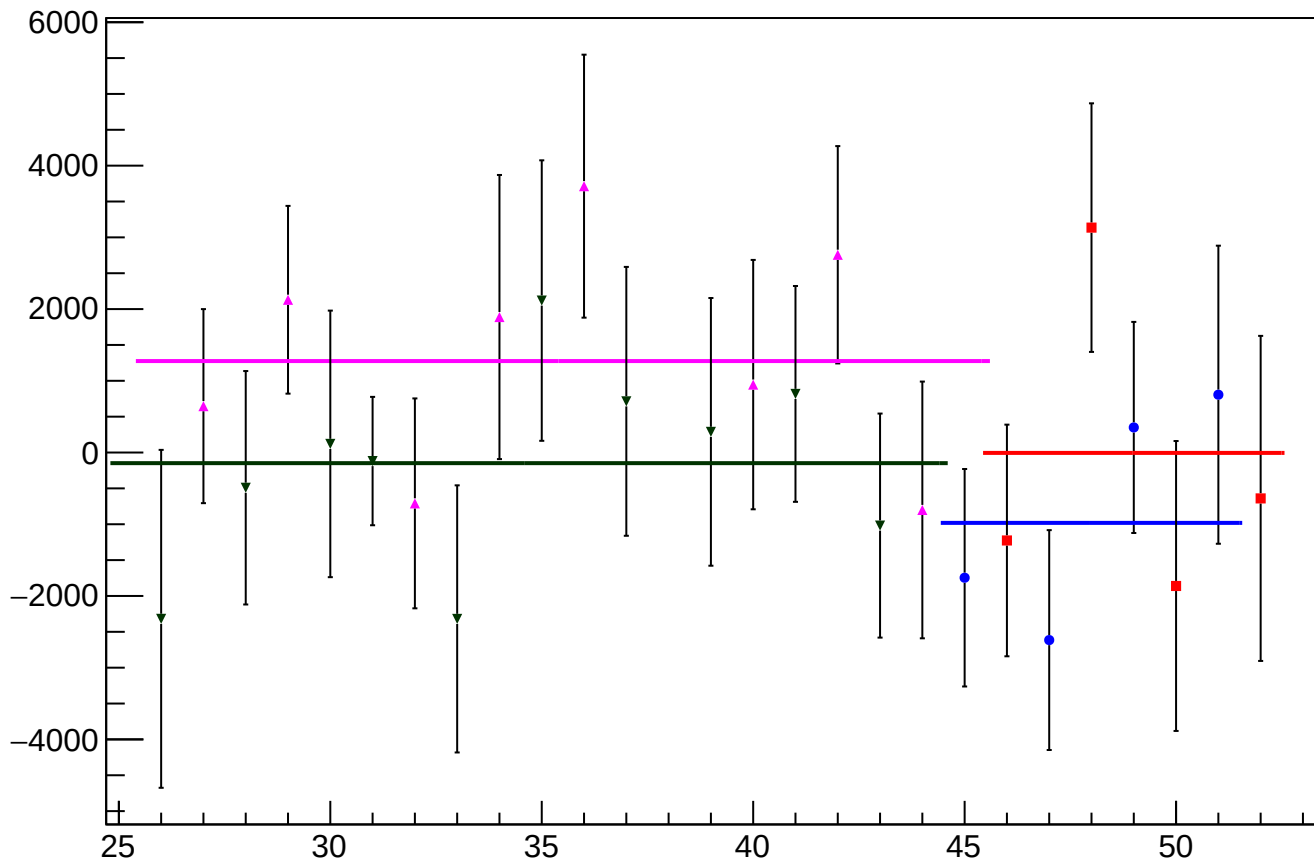
Left Out: 324.874+/-0.102 χ^2/NDF :125663.8/9

Right Out: 361.999+/-0.180 χ^2/NDF : 15264.5/3

Left In: 342.341+/-0.109 χ^2/NDF :2355.7/7

341.146+/-0.063 χ^2/NDF : 220345.4/25

asym_at1_dd_correction_mean vs slug



Right In: -980.972+/-802.213 χ^2/NDF : 2.9/3

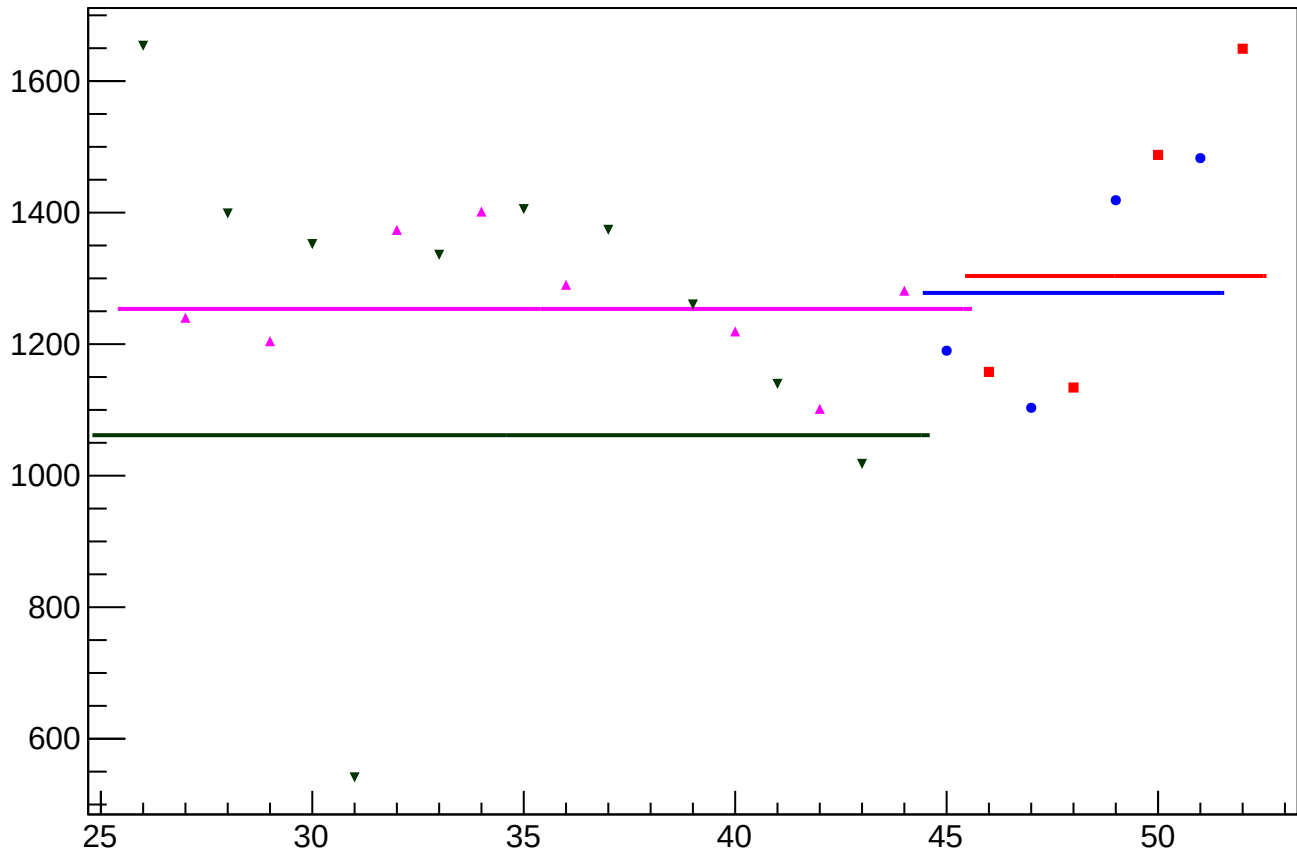
Left Out: -148.157+/-495.767 χ^2/NDF : 4.6/9

Right Out: -5.309+/-930.160 χ^2/NDF : 4.8/3

Left In: 1275.202+/-556.603 χ^2/NDF : 6.7/7

198.165+/-316.131 χ^2/NDF : 25.5/25

asym_at1_dd_correction_rms vs slug



Right In: 1277.894+/-0.567 χ^2/NDF : 70498.5/3

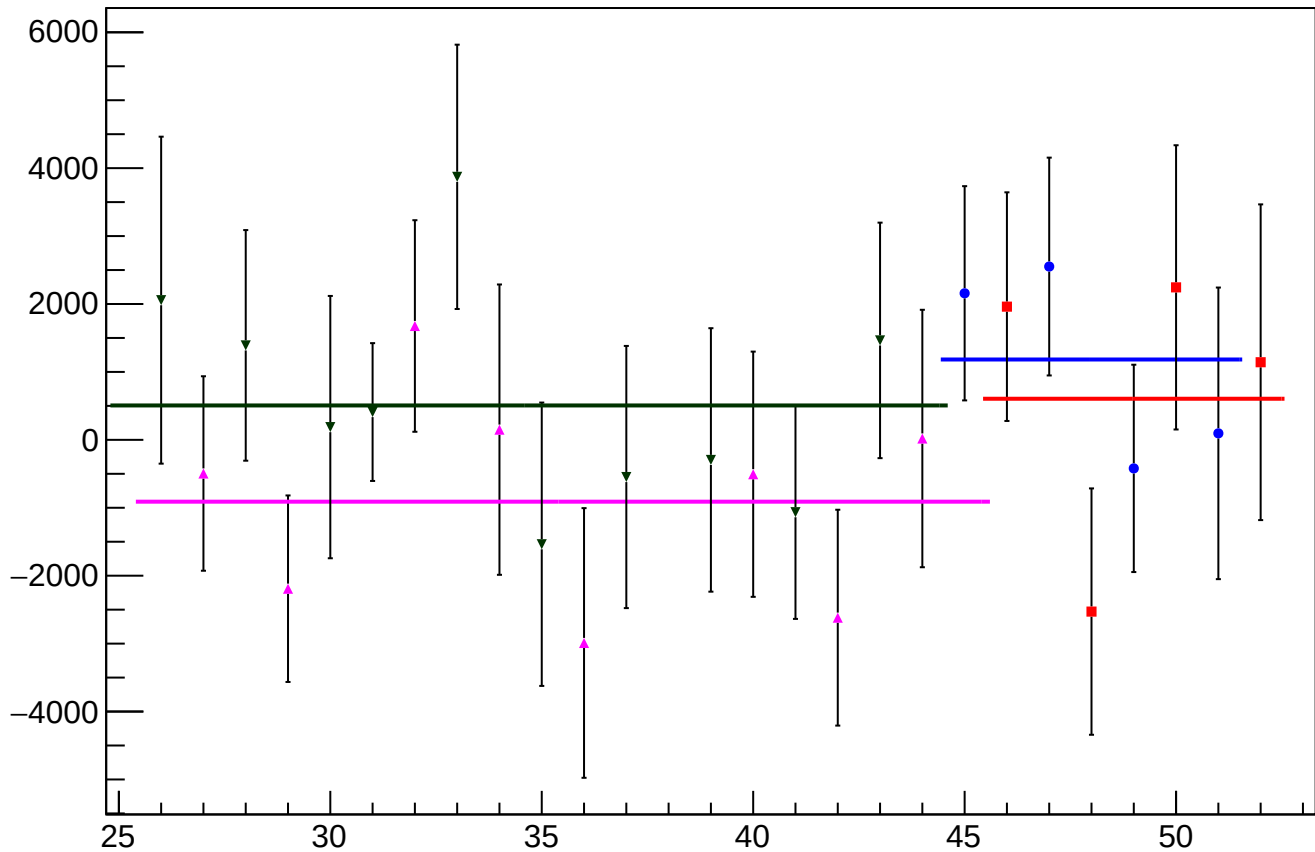
Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

Right Out: 1303.601+/-0.658 χ^2/NDF : 98563.7/3

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

1185.058+/-0.224 χ^2/NDF : 1559871.4/25

asym_at1_dd_mean vs slug



Right In: 1182.925 ± 834.093 $\chi^2/\text{NDF}: 2.5/3$

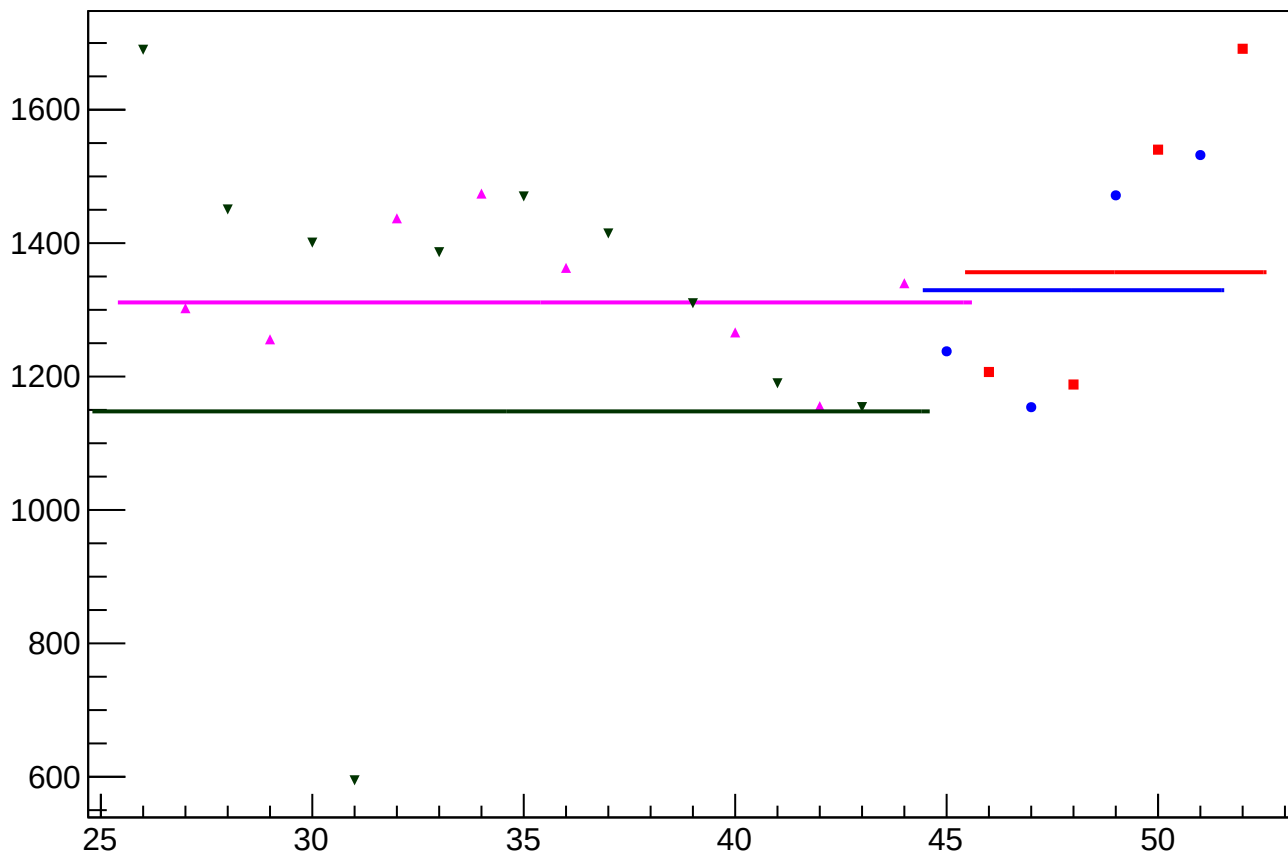
Left Out: 506.383 ± 532.571 $\chi^2/\text{NDF}: 6.4/9$

169.023 ± 334.853 $\chi^2/\text{NDF}: 25.2/25$

Right Out: 605.054 ± 966.458 $\chi^2/\text{NDF}: 4.3/3$

Left In: -910.298 ± 588.767 $\chi^2/\text{NDF}: 6.5/7$

asym_at1_dd_rms vs slug



Right In: 1329.437+/-0.590 χ^2/NDF : 65852.1/3

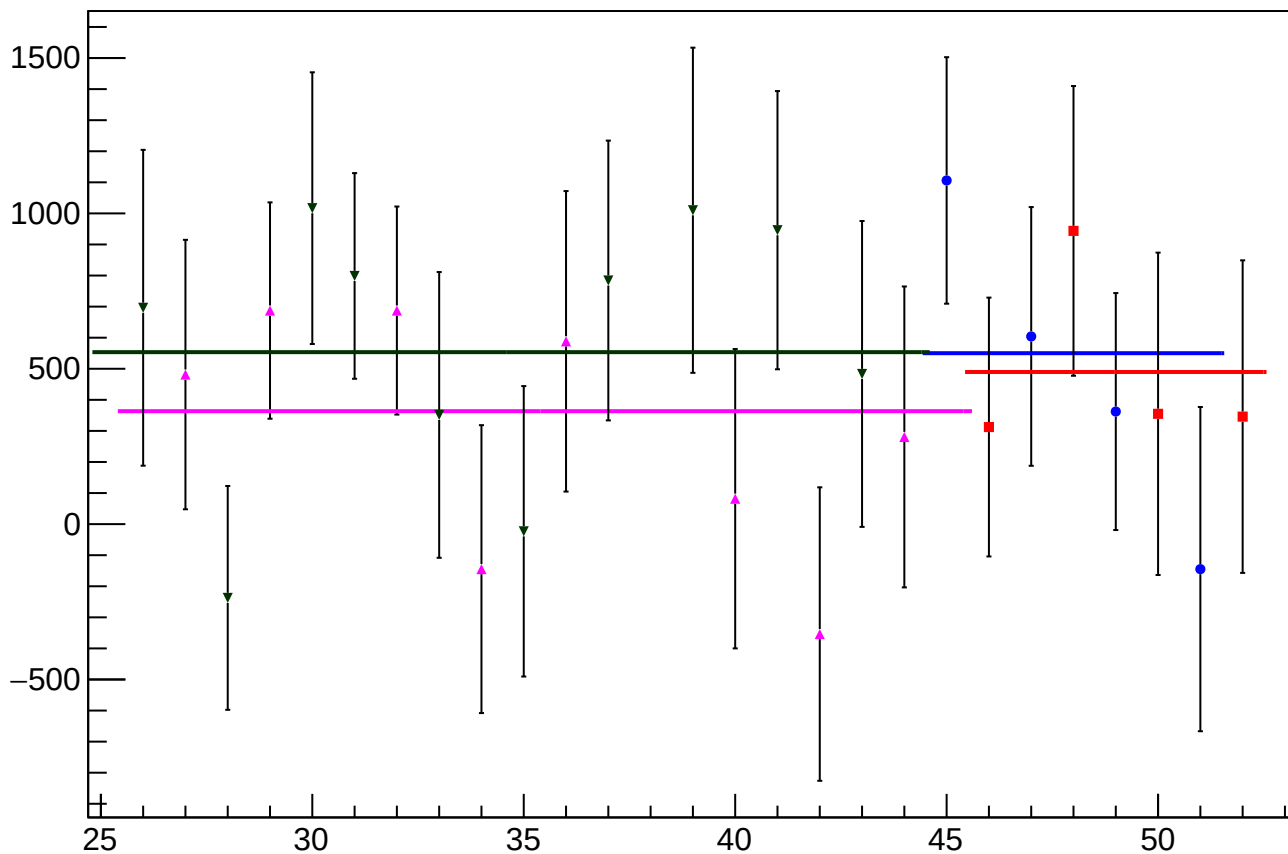
Left Out: 1147.792+/-0.377 χ^2/NDF : 925332.5/9

Right Out: 1356.409+/-0.683 χ^2/NDF : 89998.9/3

Left In: 1311.120+/-0.416 χ^2/NDF : 50316.6/7

1254.941+/-0.237 χ^2/NDF : 1268664.7/25

reg_asym_at2_avg_mean vs slug



Right In: 550.126 $\pm$ 209.996 χ^2/NDF : 4.0/3

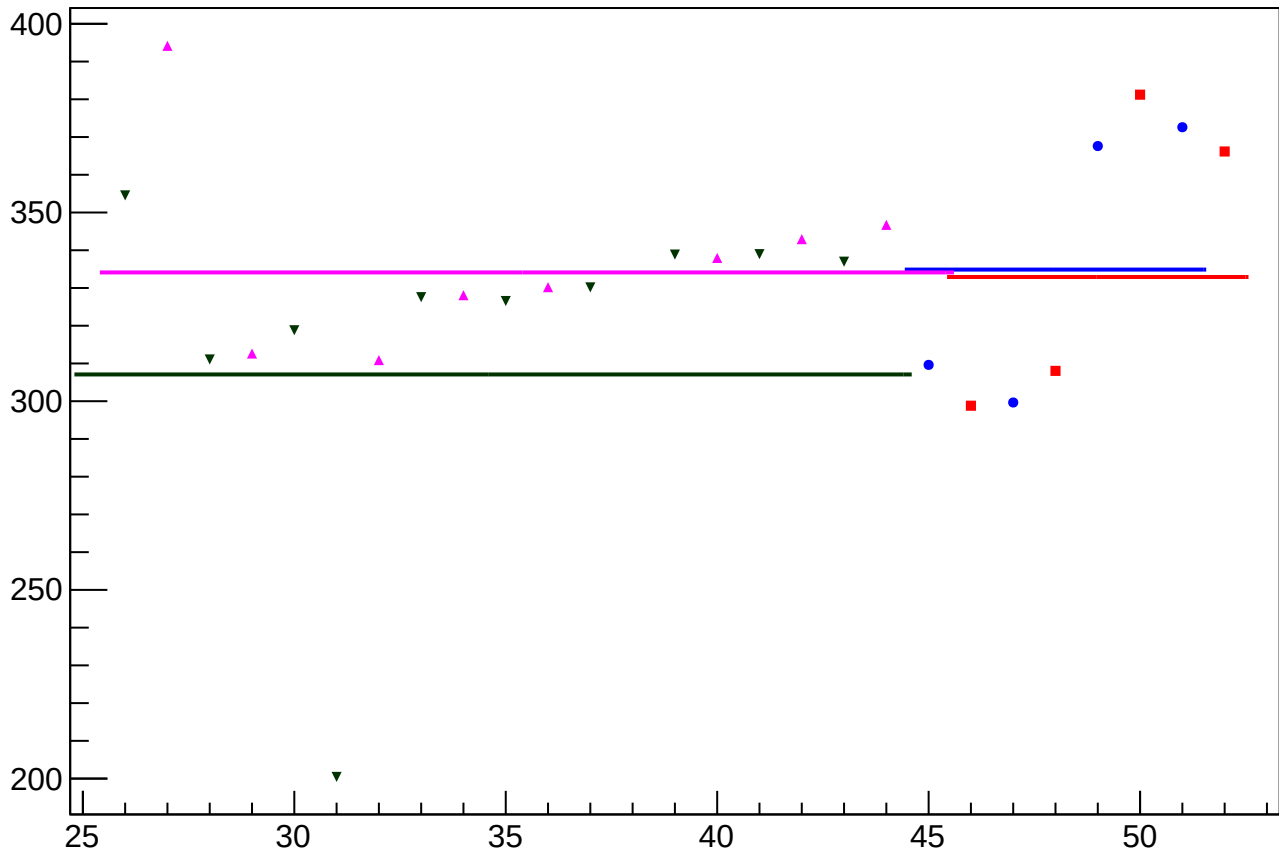
Left Out: 553.456 $\pm$ 137.422 χ^2/NDF : 10.1/9

Right Out: 489.633 $\pm$ 235.470 χ^2/NDF : 1.3/3

Left In: 363.466 $\pm$ 149.927 χ^2/NDF : 6.0/7

483.397 $\pm$ 85.079 χ^2/NDF : 22.4/25

reg_asym_at2_avg_rms vs slug



Right In: 334.878+/-0.148 χ^2/NDF : 47612.4/3

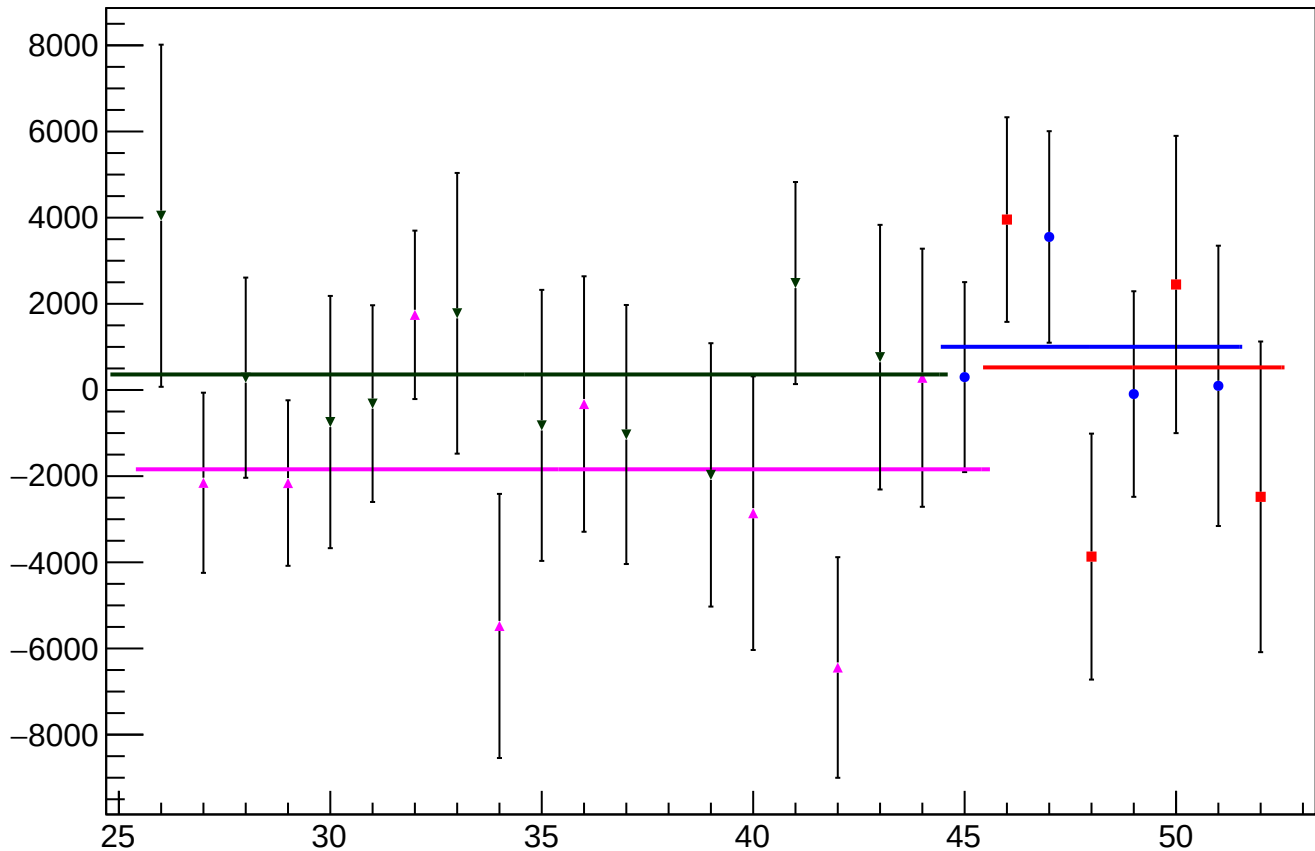
Left Out: 307.088+/-0.097 χ^2/NDF : 264389.0/9

Right Out: 332.911+/-0.167 χ^2/NDF : 45201.0/3

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

323.725+/-0.060 χ^2/NDF : 463078.6/25

asym_at2_avg_correction_mean vs slug



Right In: 1002.673+/-1248.212 χ^2/NDF : 1.5/3

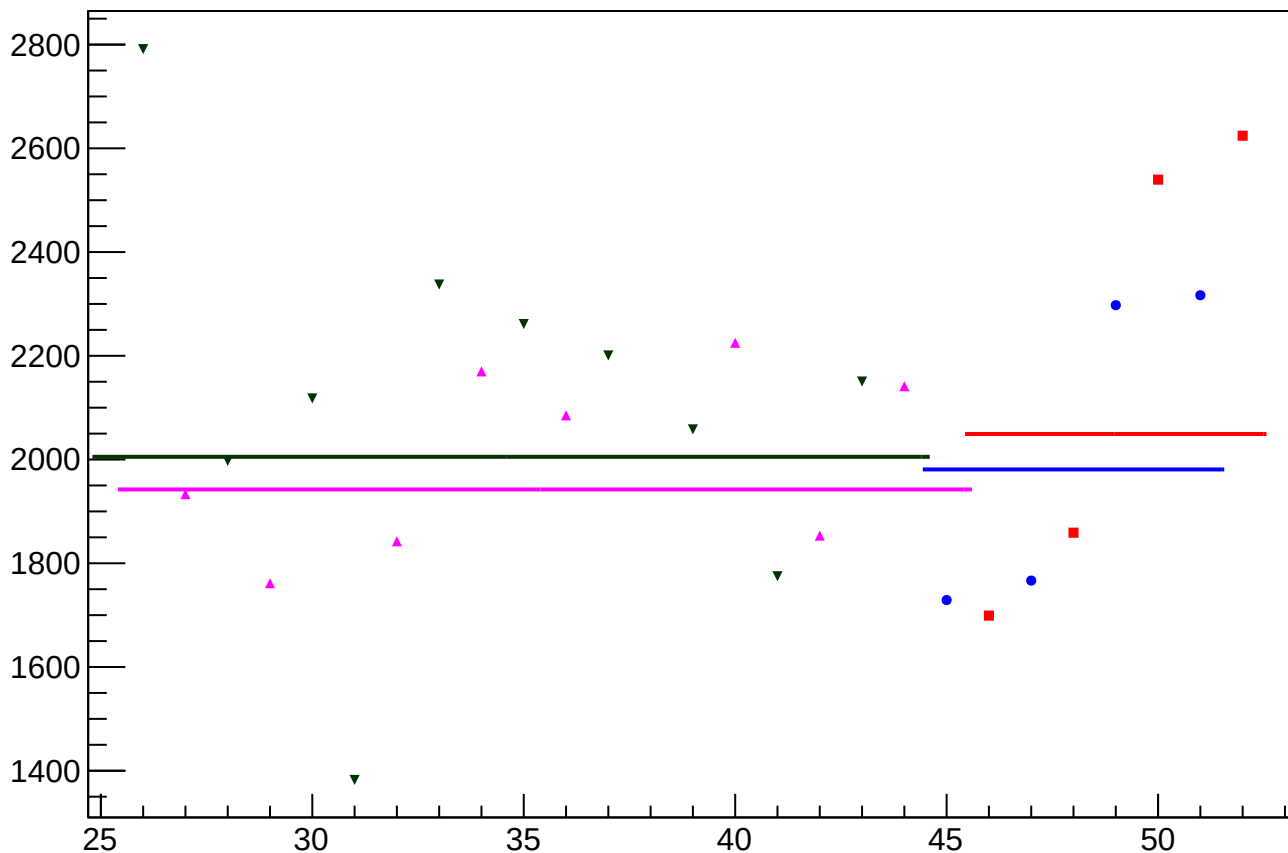
Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

-306.860+/-519.504 χ^2/NDF : 24.0/25

Right Out: 524.147+/-1472.906 χ^2/NDF : 5.5/3

Left In: -1841.139+/-862.403 χ^2/NDF : 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1980.909+/-0.883 χ^2/NDF : 97884.1/3

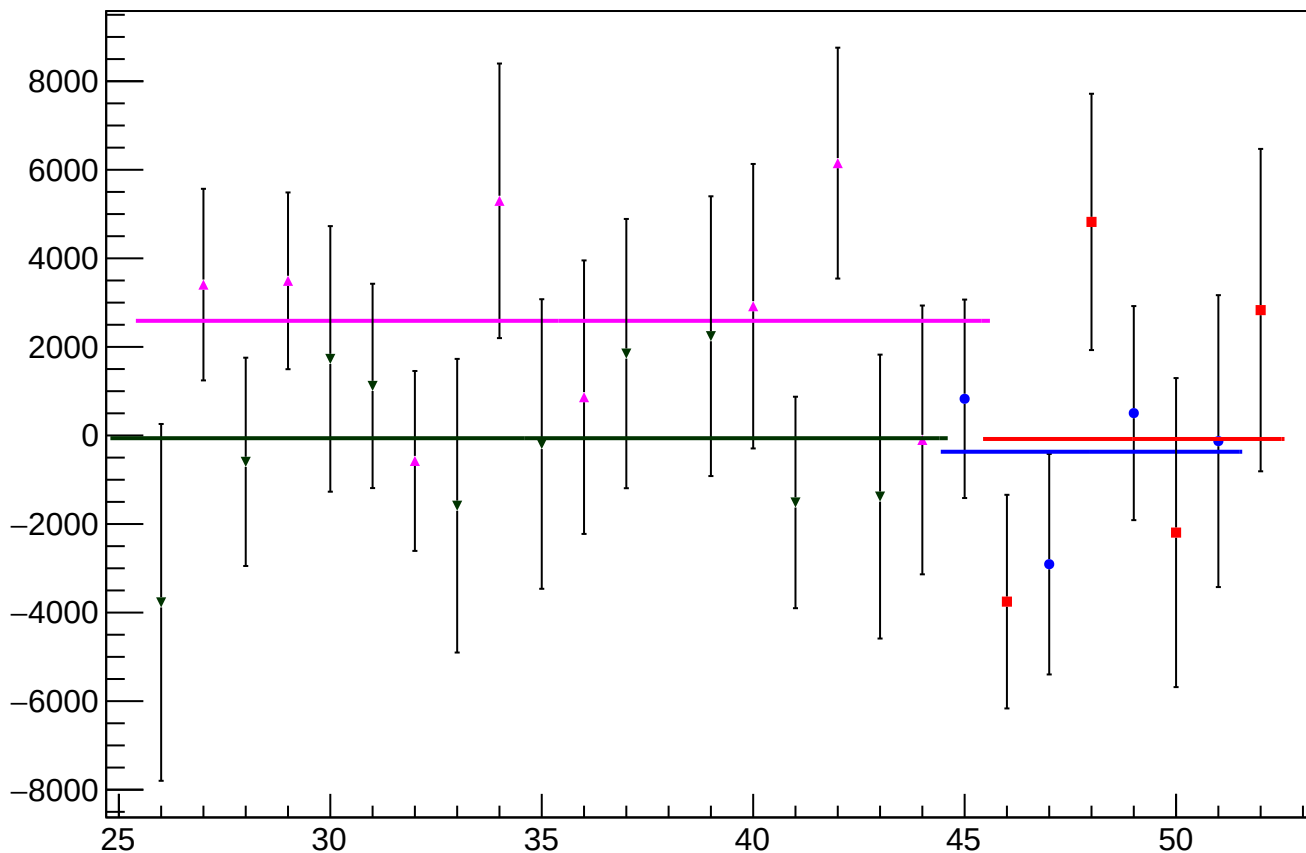
Left Out: 2005.233+/-0.630 χ^2/NDF : 297094.3/9

1983.669+/-0.367 χ^2/NDF : 614115.9/25

Right Out: 2049.271+/-1.042 χ^2/NDF : 143651.8/3

Left In: 1942.323+/-0.610 χ^2/NDF : 65741.6/7

asym_at2_avg_mean vs slug



Right In: -367.602 $\pm$ 1266.297 χ^2 /NDF: 1.5/3

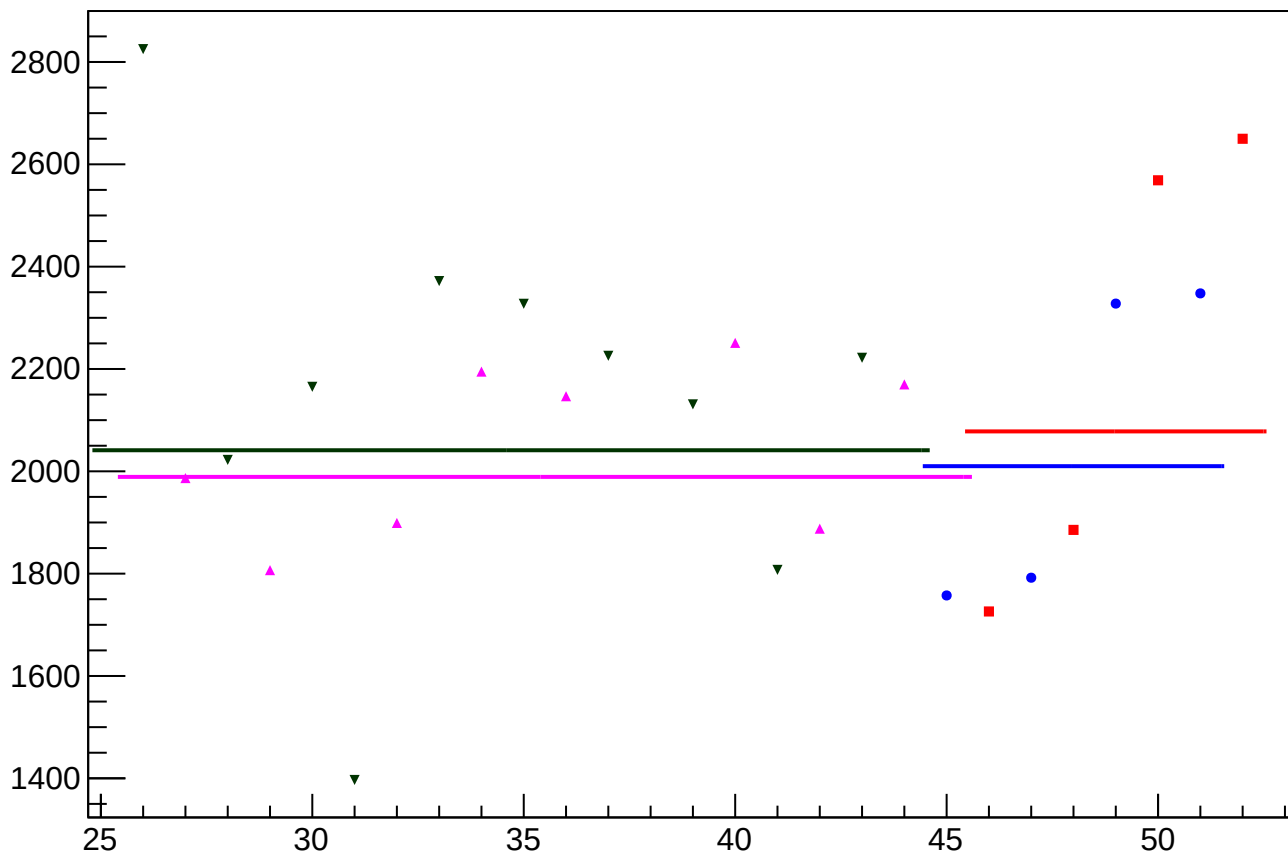
Left Out: -61.919 $\pm$ 910.241 χ^2 /NDF: 3.2/9

Right Out: -79.374 $\pm$ 1492.677 χ^2 /NDF: 6.2/3

Left In: 2588.988 $\pm$ 887.904 χ^2 /NDF: 6.5/7

829.903 $\pm$ 530.908 χ^2 /NDF: 23.5/25

asym_at2_avg_rms vs slug



Right In: 2010.048 $\pm$ 0.895 χ^2 /NDF: 96311.5/3

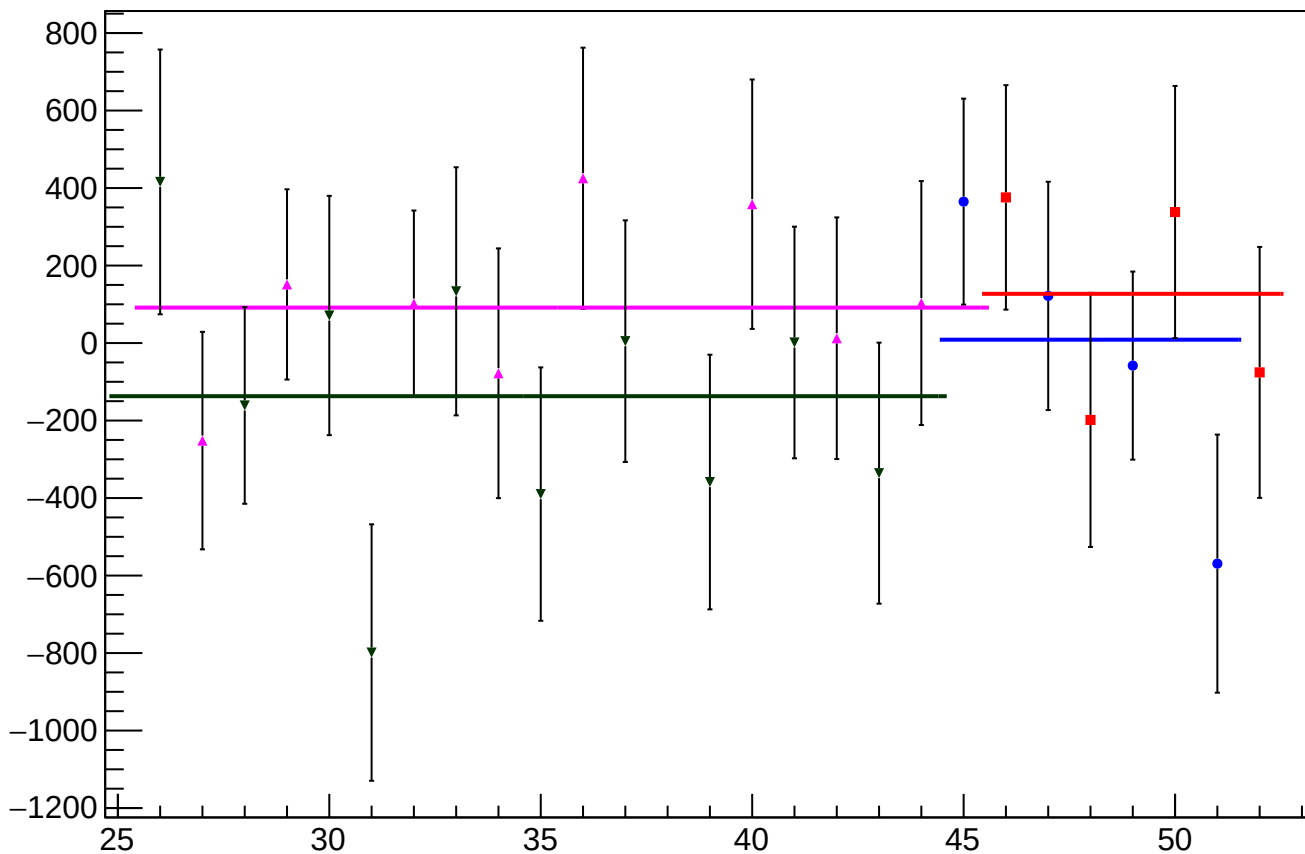
Left Out: 2041.174 $\pm$ 0.644 χ^2 /NDF: 305006.8/9

Right Out: 2078.001 $\pm$ 1.055 χ^2 /NDF: 140337.7/3

Left In: 1989.103 $\pm$ 0.628 χ^2 /NDF: 58029.8/7

2021.745 $\pm$ 0.375 χ^2 /NDF: 606311.5/25

reg_asym_at2_dd_mean vs slug



Right In: 8.668 $\pm$ 139.099 χ^2/NDF : 5.0/3

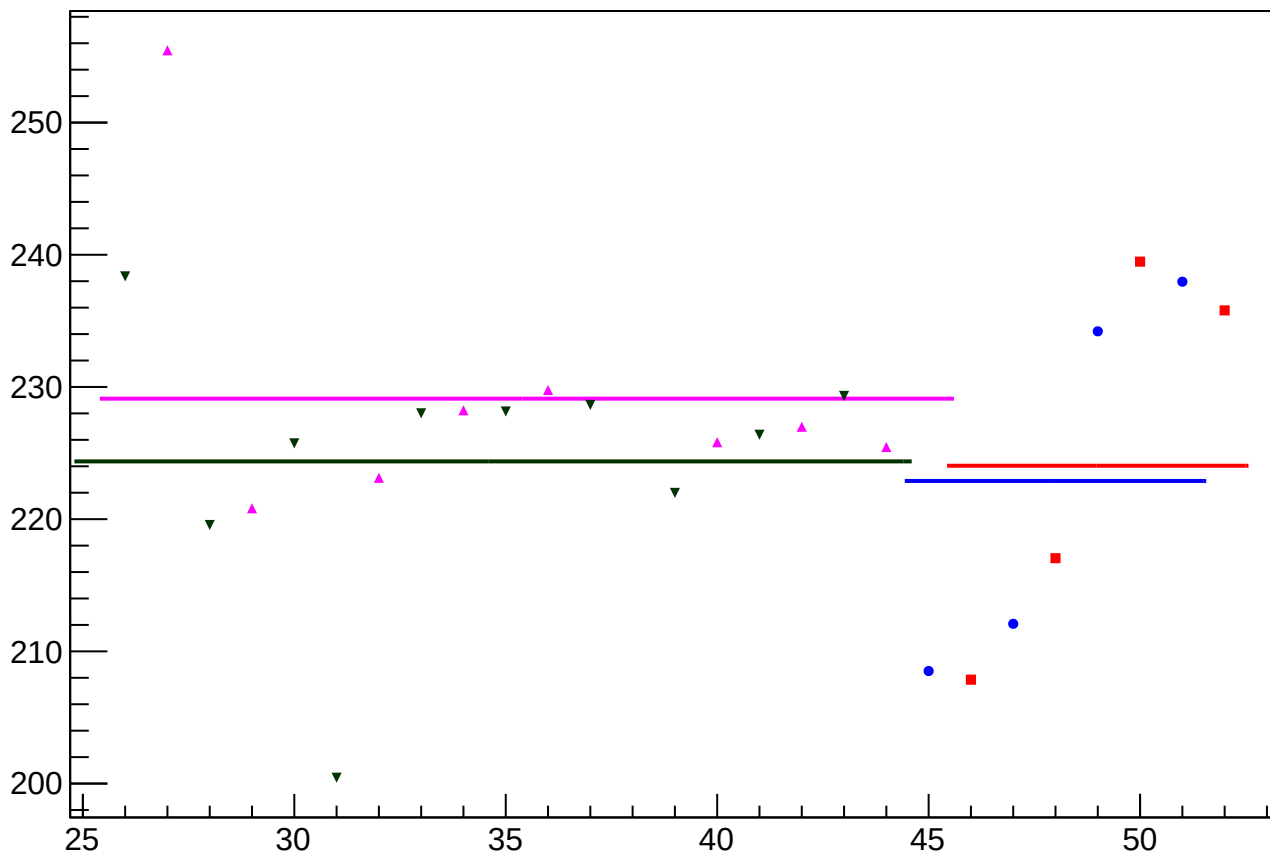
Left Out: -137.146 $\pm$ 98.824 χ^2/NDF : 9.6/9

0.736 $\pm$ 58.786 χ^2/NDF : 24.1/25

Right Out: 127.032 $\pm$ 157.692 χ^2/NDF : 2.5/3

Left In: 91.498 $\pm$ 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

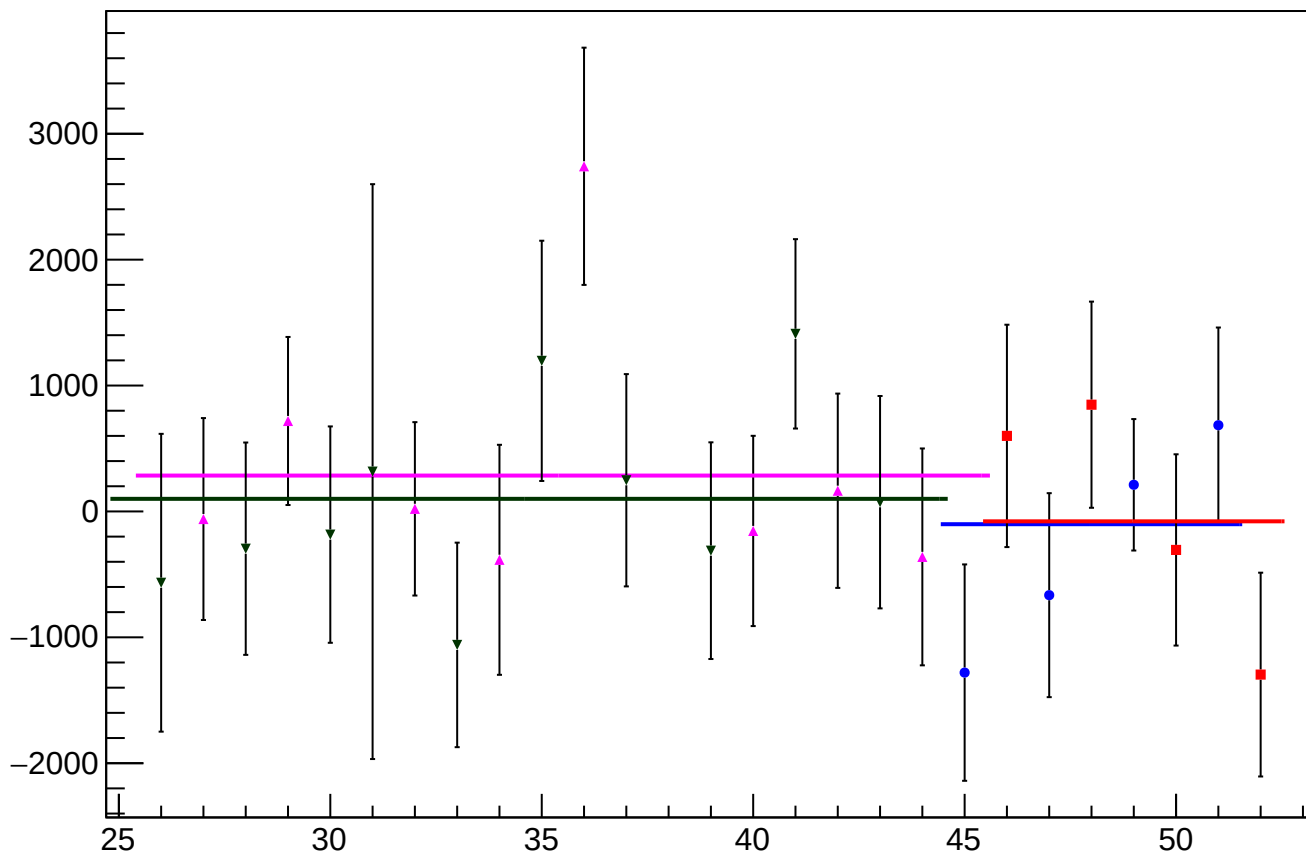
Left Out: 224.370+/-0.070 χ^2/NDF : 16099.6/9

225.619+/-0.042 χ^2/NDF : 72746.6/25

Right Out: 224.042+/-0.112 χ^2/NDF : 14292.8/3

Left In: 229.116+/-0.073 χ^2/NDF : 21747.0/7

asym_at2_dd_correction_mean vs slug



Right In: -101.439 ± 349.066 χ^2/NDF : 3.8/3

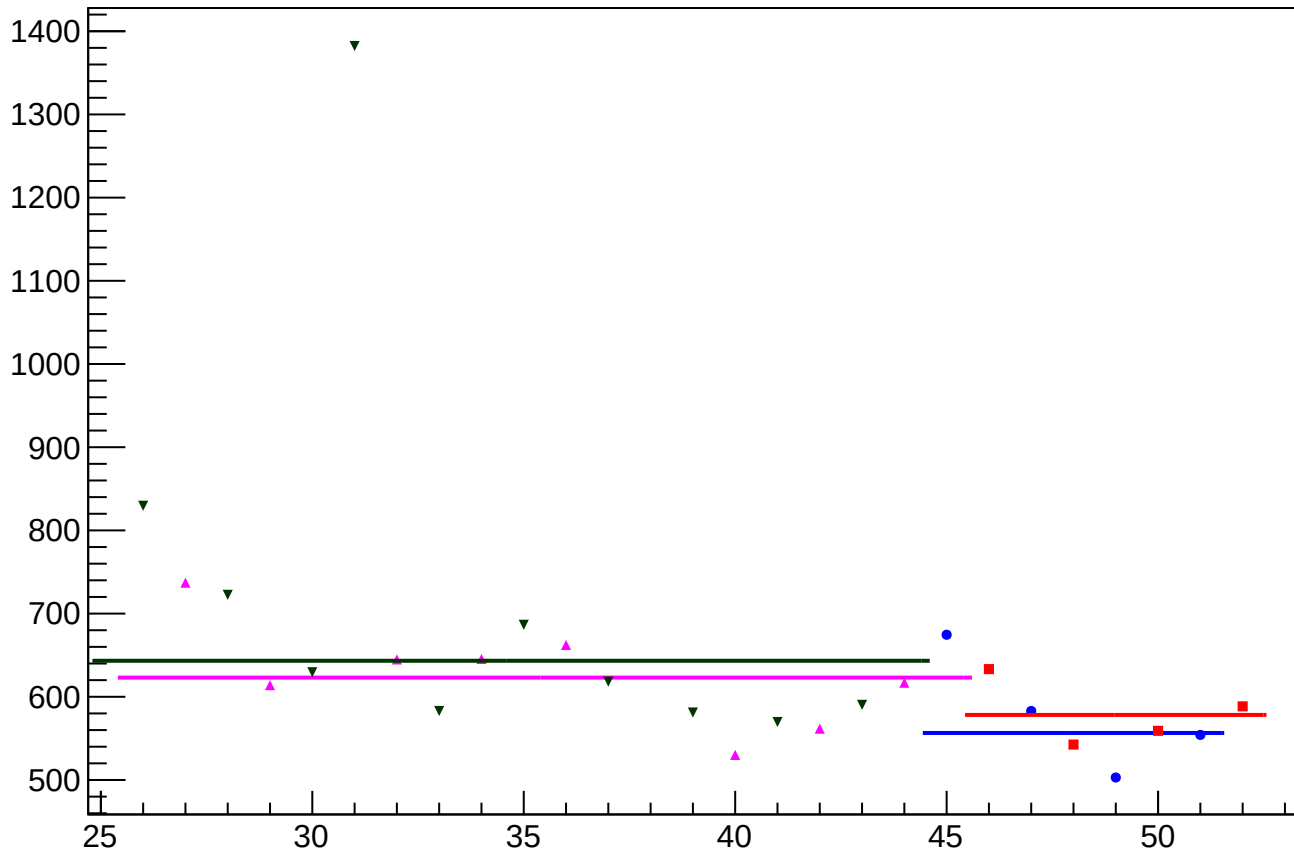
Left Out: 100.061 ± 286.186 χ^2/NDF : 7.3/9

Right Out: -78.590 ± 407.162 χ^2/NDF : 4.2/3

Left In: 284.973 ± 277.238 χ^2/NDF : 9.0/7

91.811 ± 159.194 χ^2/NDF : 25.3/25

asym_at2_dd_correction_rms vs slug



Right In: 556.508 ± 0.247 χ^2/NDF : 60899.2/3

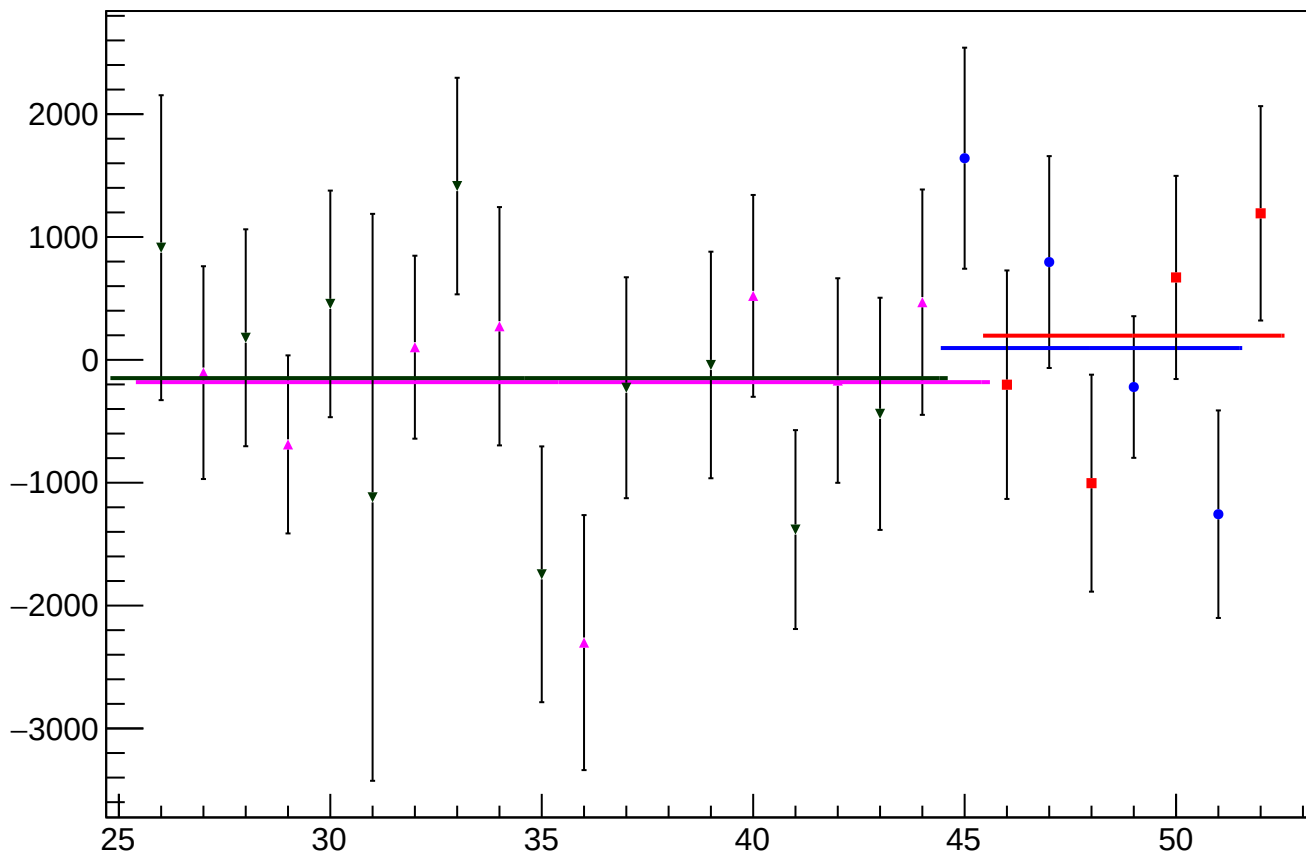
Left Out: 643.291 ± 0.202 χ^2/NDF : 331702.9/9

Right Out: 578.213 ± 0.288 χ^2/NDF : 13138.5/3

Left In: 623.079 ± 0.196 χ^2/NDF : 90546.3/7

608.629 ± 0.113 χ^2/NDF : 586810.8/25

asym_at2_dd_mean vs slug



Right In: 96.163+/-378.182 χ^2/NDF : 6.5/3

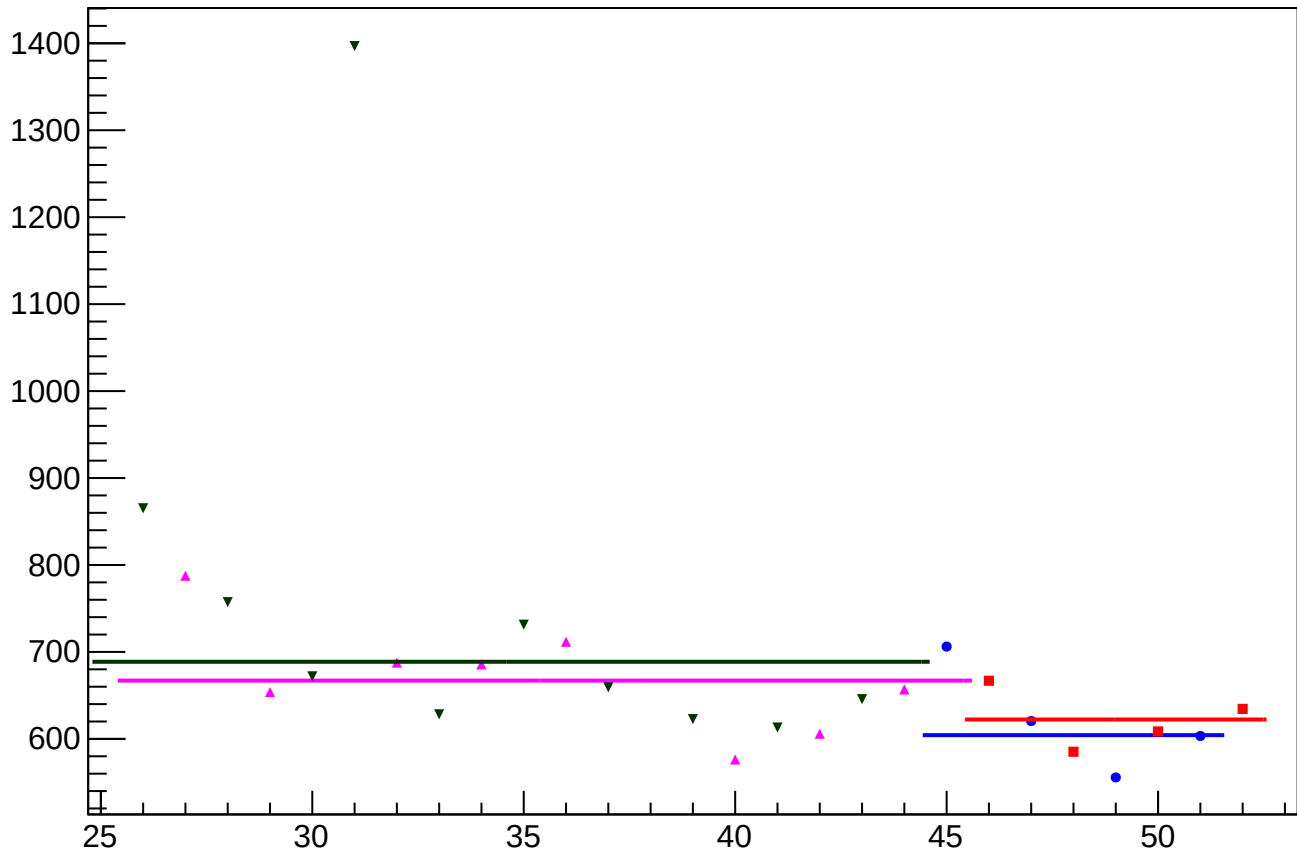
Left Out: -148.570+/-307.642 χ^2/NDF : 9.4/9

Right Out: 196.969+/-437.882 χ^2/NDF : 3.7/3

Left In: -181.362+/-299.528 χ^2/NDF : 6.3/7

-55.769+/-171.702 χ^2/NDF : 26.6/25

asym_at2_dd_rms vs slug



Right In: 604.296+/-0.267 χ^2/NDF : 40582.2/3

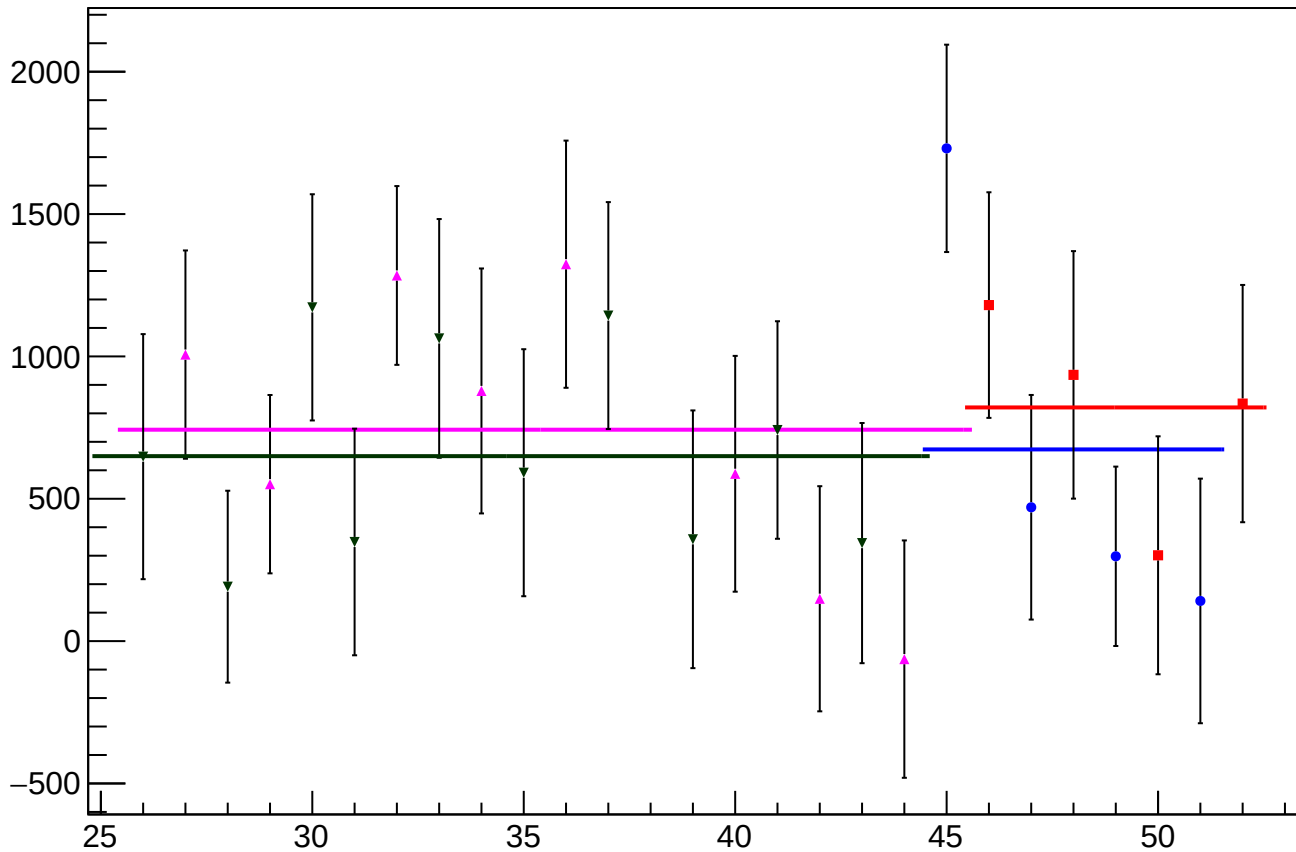
Left Out: 688.695+/-0.218 χ^2/NDF :288286.6/9

Right Out: 622.293+/-0.310 χ^2/NDF : 9072.4/3

Left In: 667.019+/-0.212 χ^2/NDF :80872.1/7

653.965+/-0.121 χ^2/NDF : 493063.6/25

reg_asym_atl1r2_avg_mean vs slug



Right In: 673.322+/-184.242 χ^2/NDF : 11.7/3

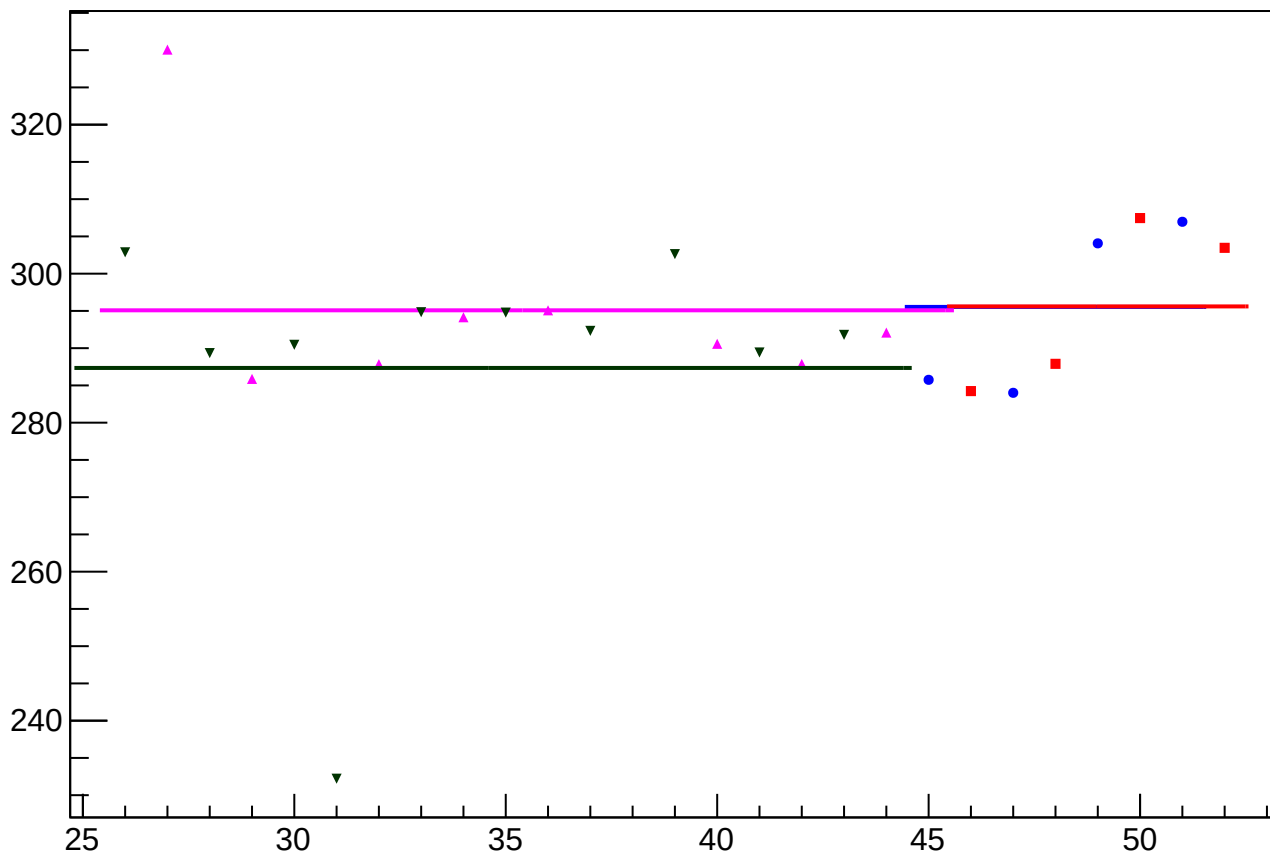
Left Out: 649.704+/-127.513 χ^2/NDF : 7.7/9

707.745+/-76.560 χ^2/NDF : 34.3/25

Right Out: 820.775+/-207.857 χ^2/NDF : 2.4/3

Left In: 742.570+/-133.039 χ^2/NDF : 11.9/7

reg_asym_atl1r2_avg_rms vs slug



Right In: 295.538 ± 0.130 χ^2/NDF : 6033.8/3

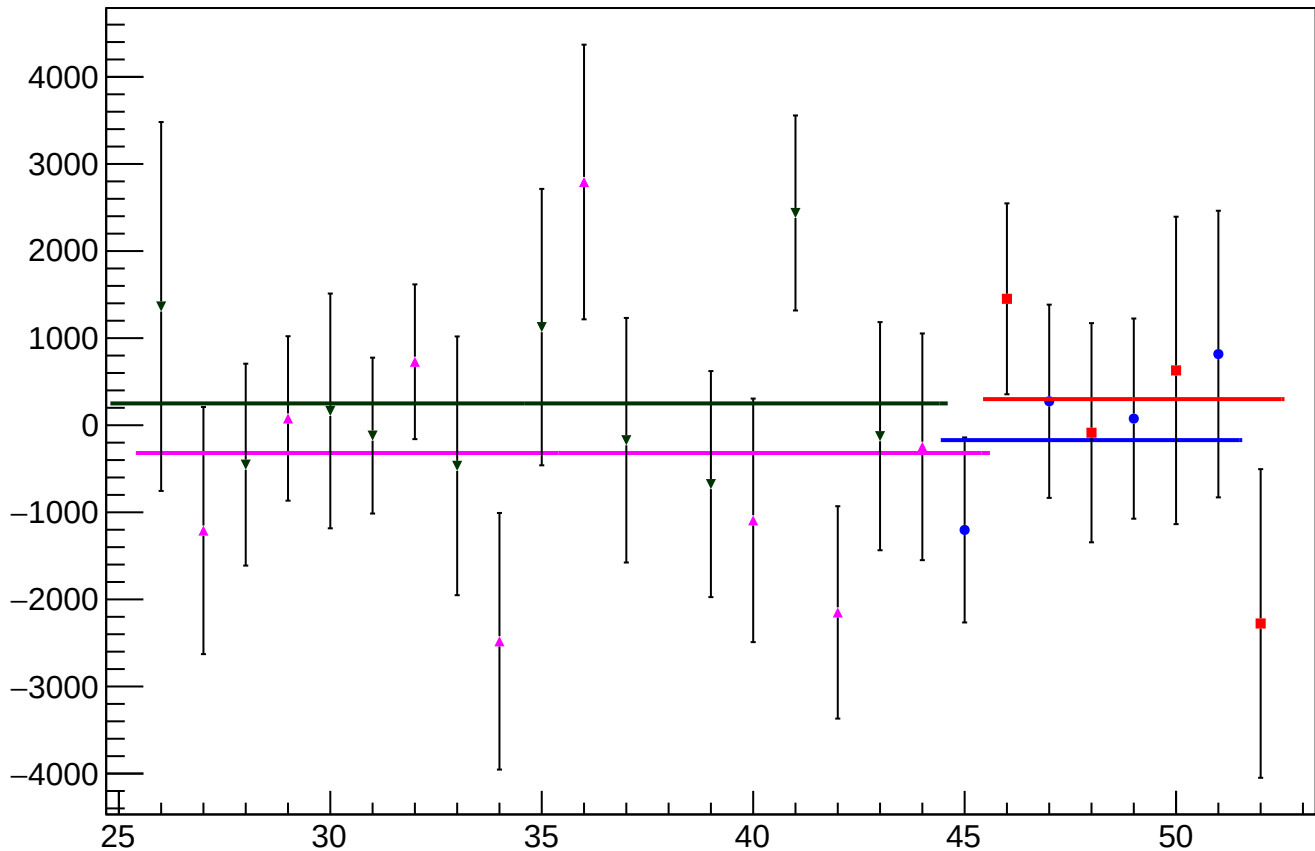
Left Out: 287.345 ± 0.090 χ^2/NDF : 45272.0/9

Right Out: 295.604 ± 0.147 χ^2/NDF : 4596.3/3

Left In: 295.081 ± 0.094 χ^2/NDF : 22103.3/7

292.442 ± 0.054 χ^2/NDF : 83014.7/25

asym_atl1r2_avg_correction_mean vs slug



Right In: -170.923 $\pm$ 595.005 χ^2/NDF : 1.5/3

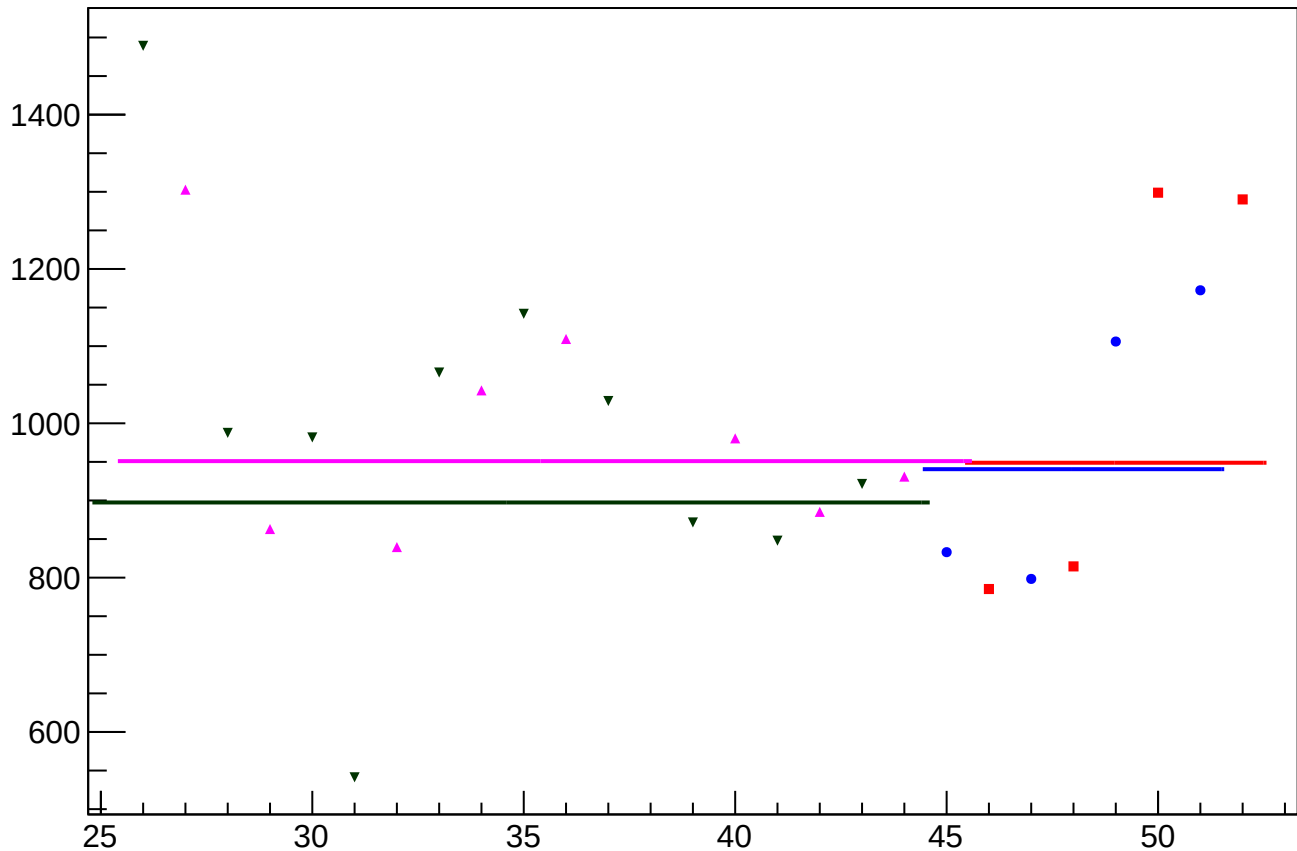
Left Out: 250.509 $\pm$ 404.977 χ^2/NDF : 5.9/9

-5.140 $\pm$ 245.832 χ^2/NDF : 22.5/25

Right Out: 299.965 $\pm$ 689.585 χ^2/NDF : 3.3/3

Left In: -318.803 $\pm$ 425.542 χ^2/NDF : 10.6/7

asym_atl1r2_avg_correction_rms vs slug



Right In: 940.552+/-0.421 χ^2/NDF : 134462.6/3

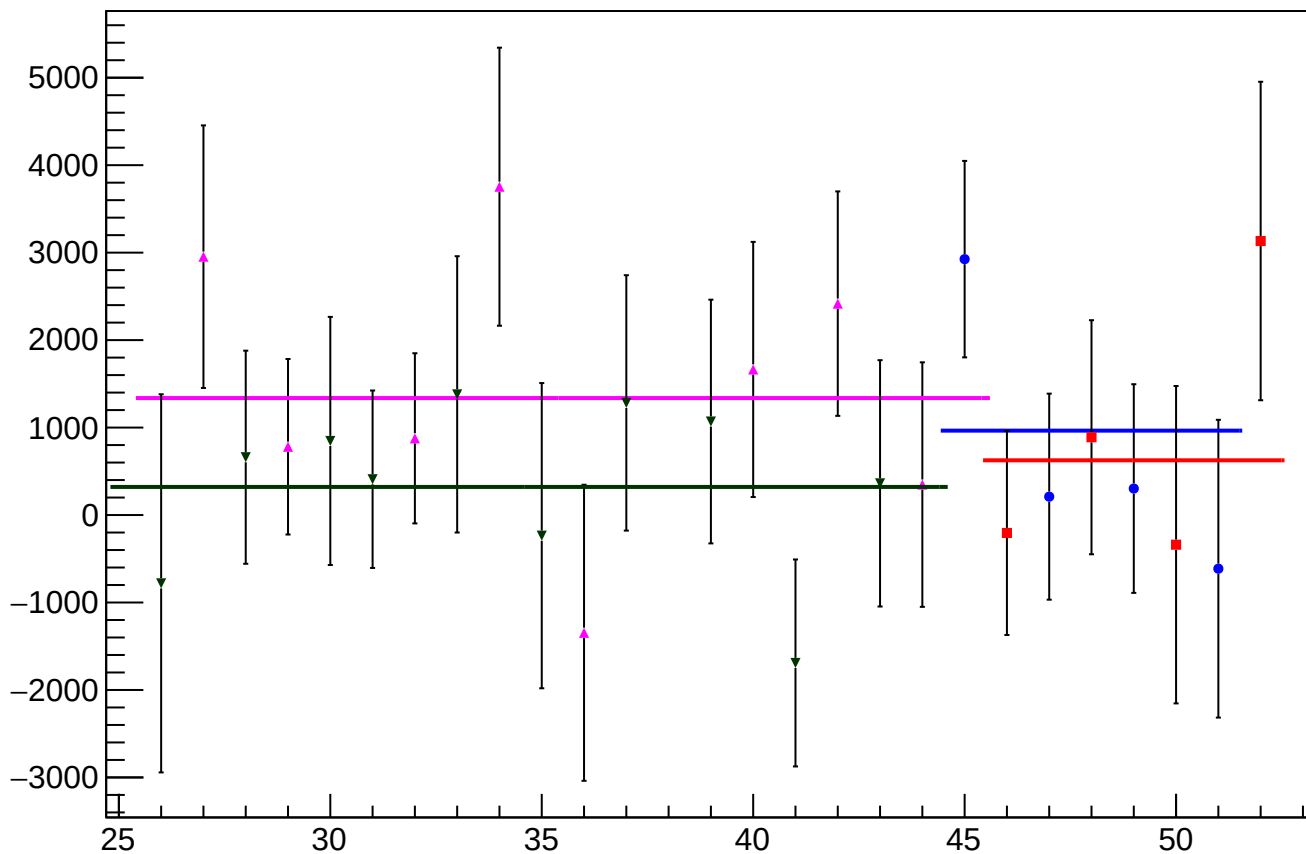
Left Out: 897.406+/-0.286 χ^2/NDF : 588848.0/9

Right Out: 948.899+/-0.488 χ^2/NDF : 220143.8/3

Left In: 950.988+/-0.301 χ^2/NDF : 206850.7/7

929.197+/-0.174 χ^2/NDF : 1170235.1/25

asym_atl1r2_avg_mean vs slug



Right In: 964.995 $\pm$ 624.808 χ^2 /NDF: 4.6/3

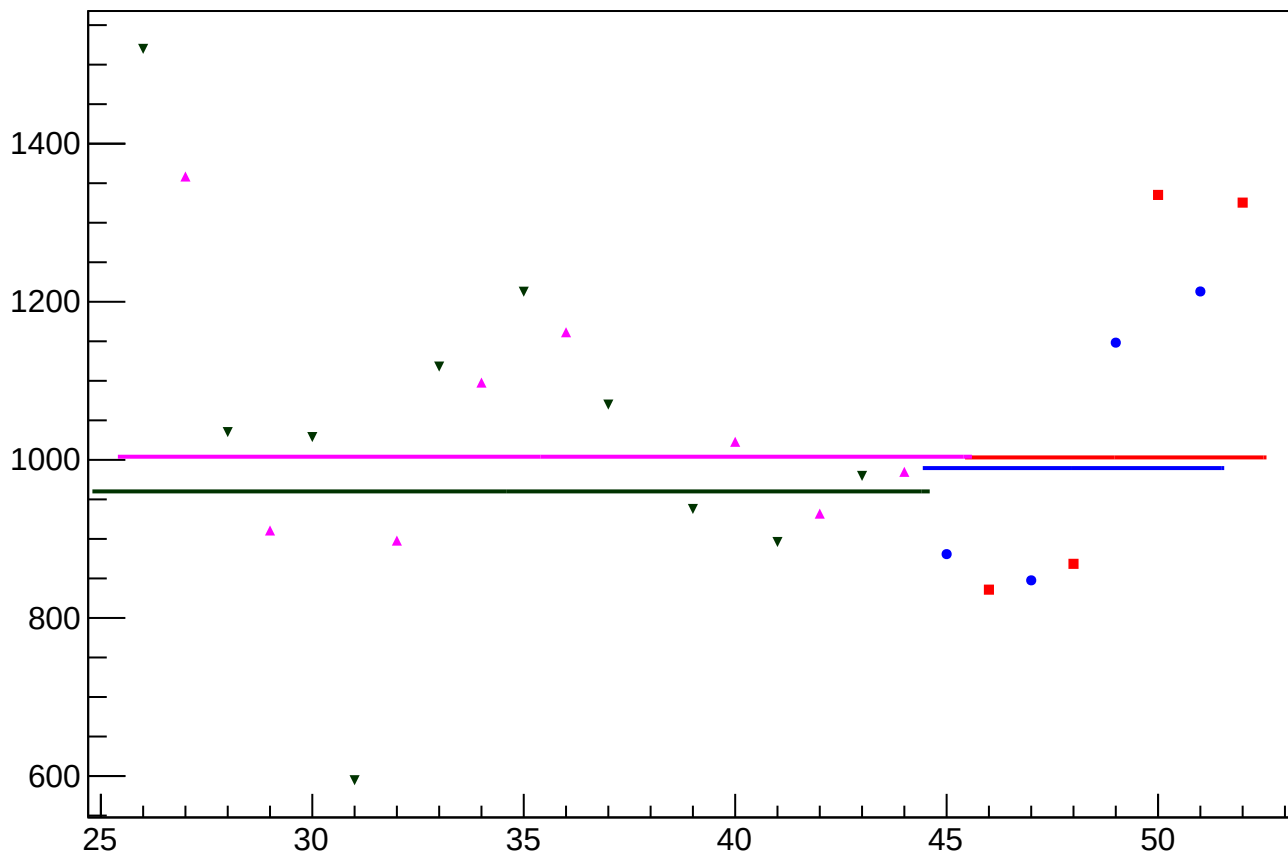
Left Out: 321.331 $\pm$ 434.827 χ^2 /NDF:4.6/9

Right Out: 625.725 $\pm$ 725.673 χ^2 /NDF: 2.7/3

Left In: 1337.462 $\pm$ 455.096 χ^2 /NDF:7.8/7

810.638 $\pm$ 261.912 χ^2 /NDF: 22.5/25

asym_atl1r2_avg_rms vs slug



Right In: 989.604+/-0.442 χ^2/NDF : 117715.8/3

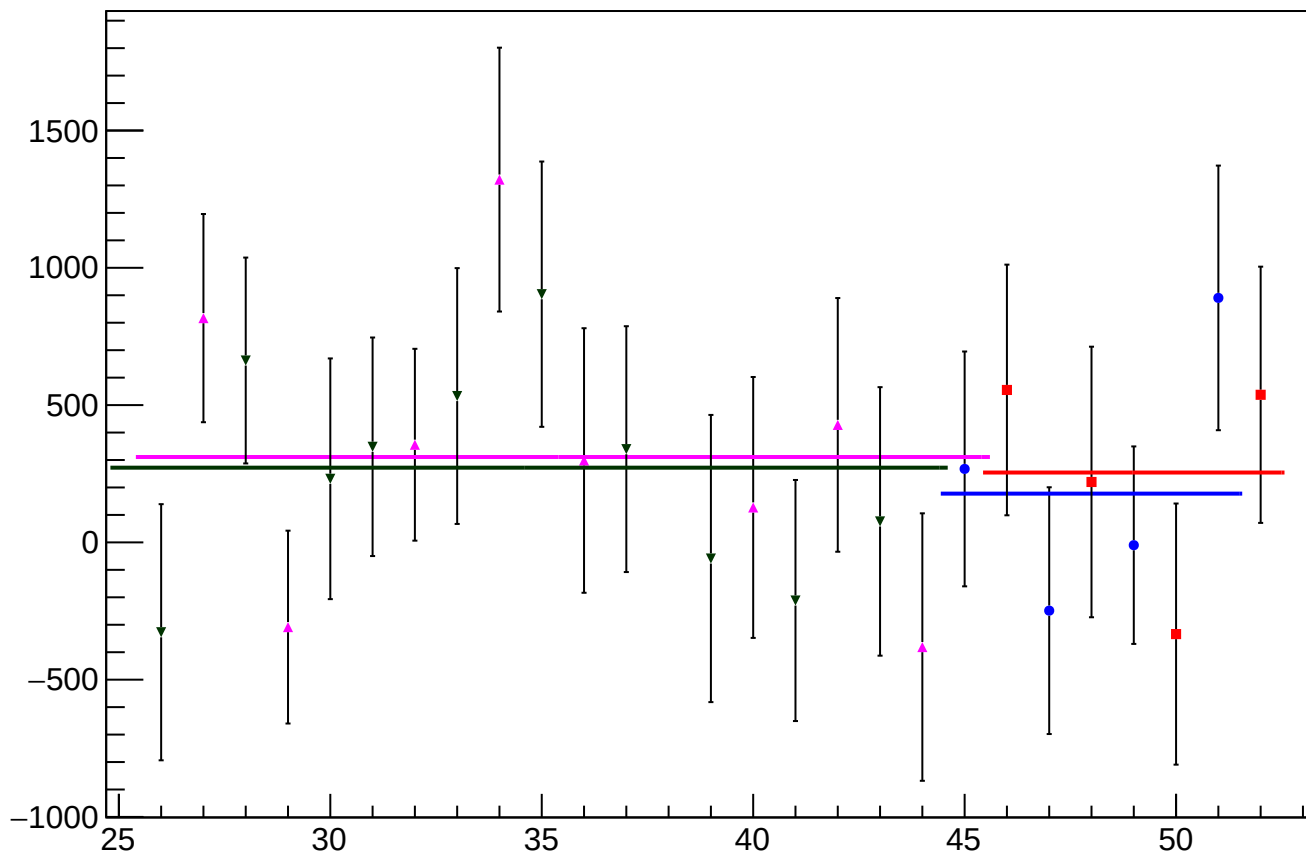
Left Out: 960.100+/-0.307 χ^2/NDF : 485899.3/9

Right Out: 1003.096+/-0.513 χ^2/NDF : 191080.5/3

Left In: 1003.988+/-0.322 χ^2/NDF : 183940.1/7

985.421+/-0.185 χ^2/NDF : 990022.7/25

reg_asym_atl1r2_dd_mean vs slug



Right In: 177.567 ± 211.014 $\chi^2/\text{NDF}: 3.4/3$

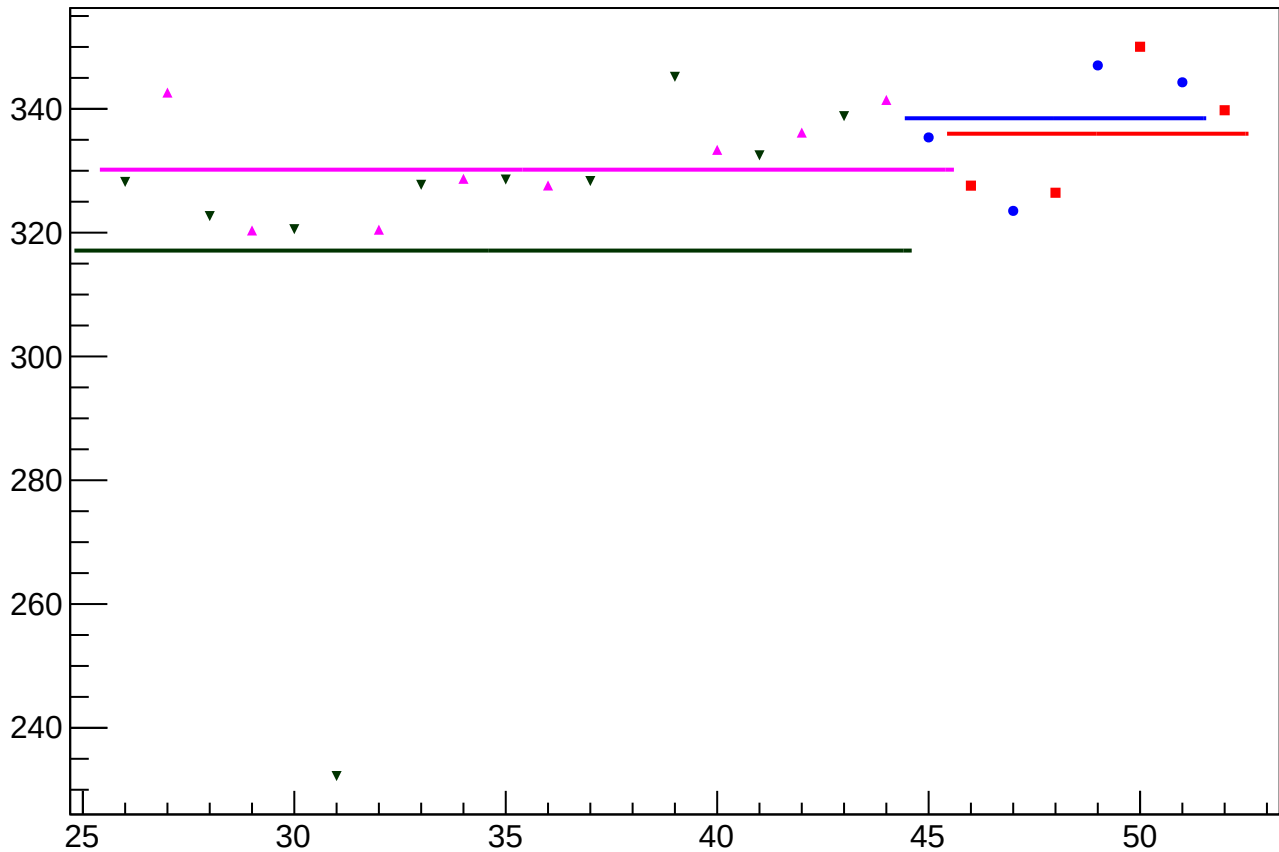
Left Out: 272.098 ± 141.223 $\chi^2/\text{NDF}: 6.6/9$

Right Out: 254.404 ± 236.136 $\chi^2/\text{NDF}: 2.3/3$

Left In: 310.926 ± 148.691 $\chi^2/\text{NDF}: 11.6/7$

267.059 ± 85.824 $\chi^2/\text{NDF}: 24.2/25$

reg_asym_atl1r2_dd_rms vs slug



Right In: 338.480+/-0.149 χ^2/NDF : 3739.4/3

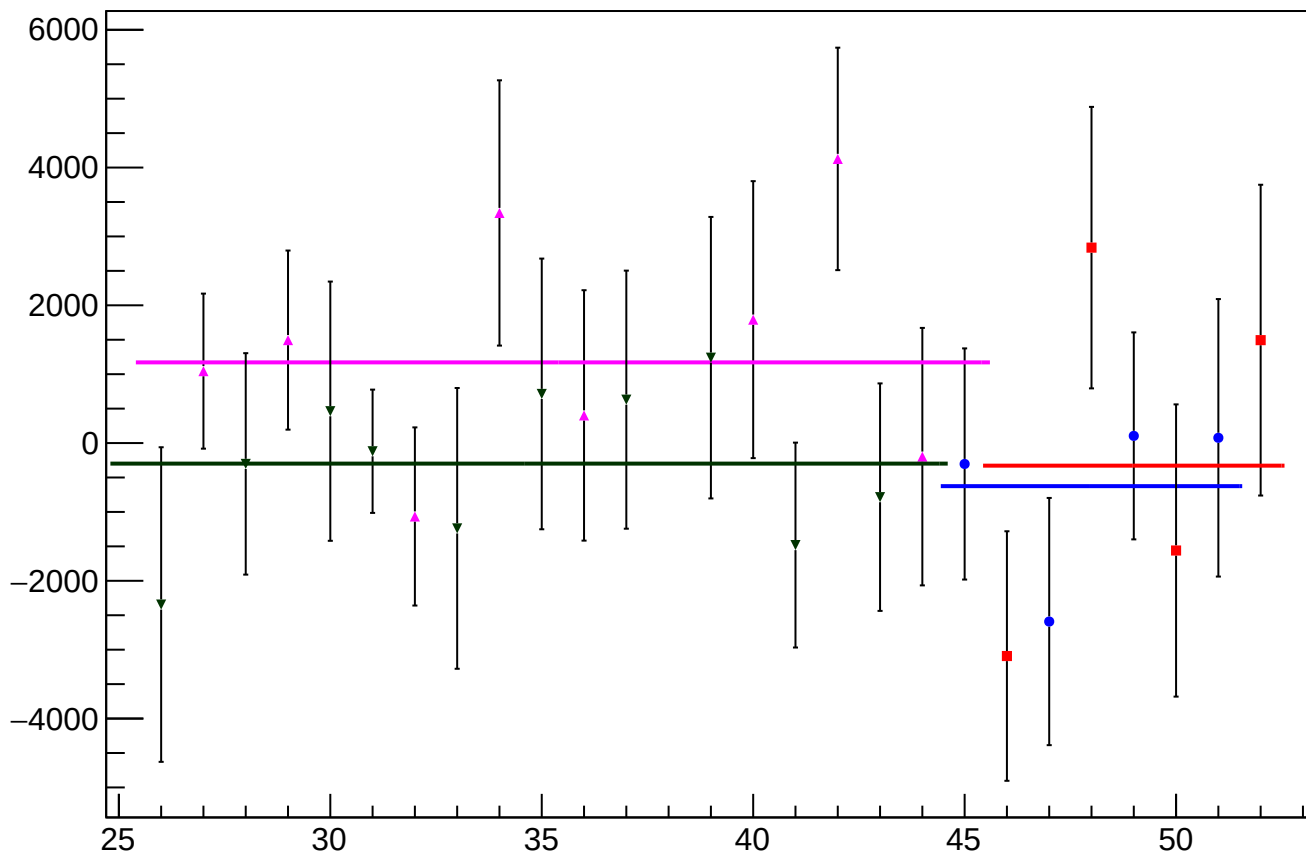
Left Out: 317.105+/-0.100 χ^2/NDF : 108292.1/9

Right Out: 335.984+/-0.167 χ^2/NDF : 3302.8/3

Left In: 330.176+/-0.105 χ^2/NDF : 6835.5/7

327.489+/-0.061 χ^2/NDF : 141650.9/25

asym_atl1r2_dd_correction_mean vs slug



Right In: -625.583+/-859.116 χ^2/NDF : 1.6/3

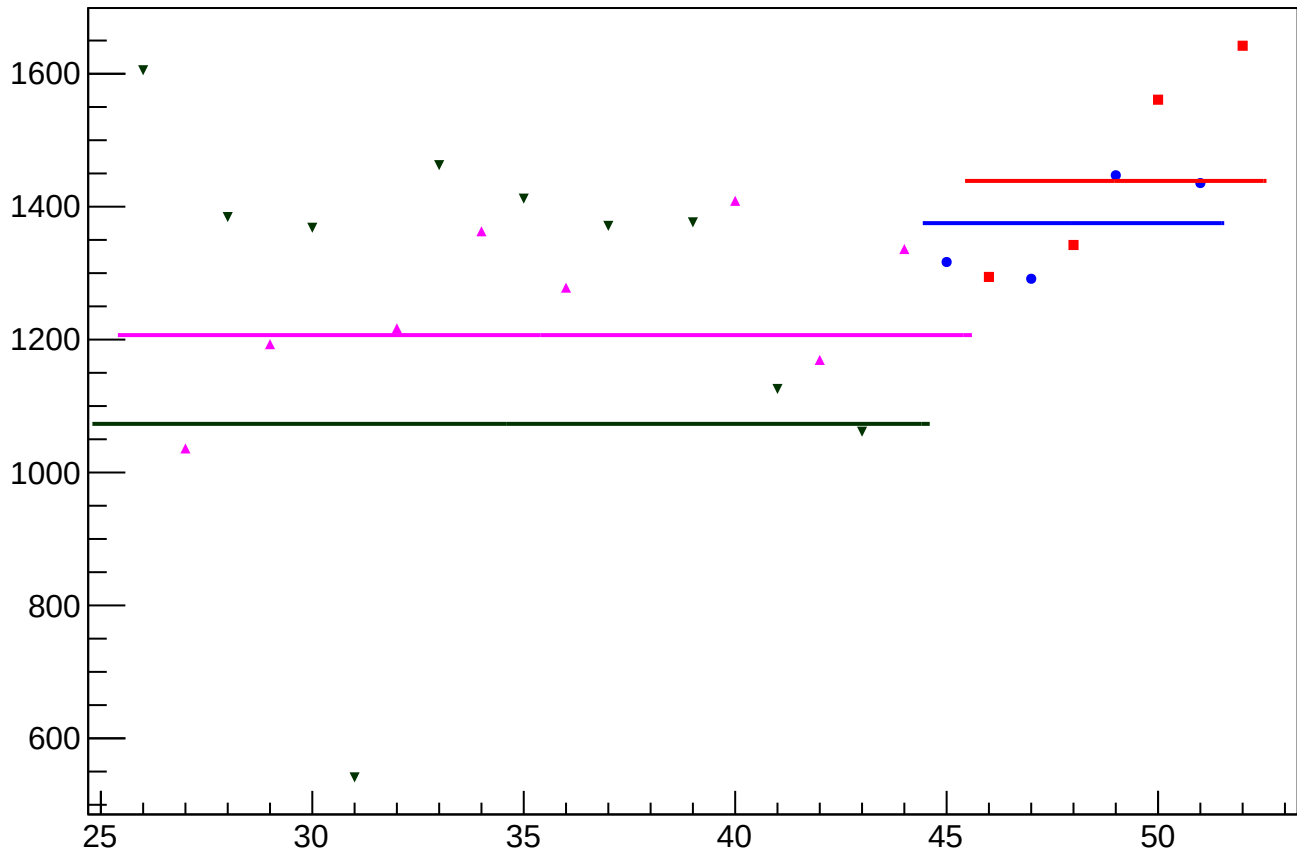
Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

Right Out: -328.091+/-1019.120 χ^2/NDF : 5.7/3

Left In: 1171.342+/-536.997 χ^2/NDF : 8.5/7

176.568+/-320.462 χ^2/NDF : 24.3/25

asym_atl1r2_dd_correction_rms vs slug



Right In: 1375.253+/-0.607 χ^2/NDF : 13173.4/3

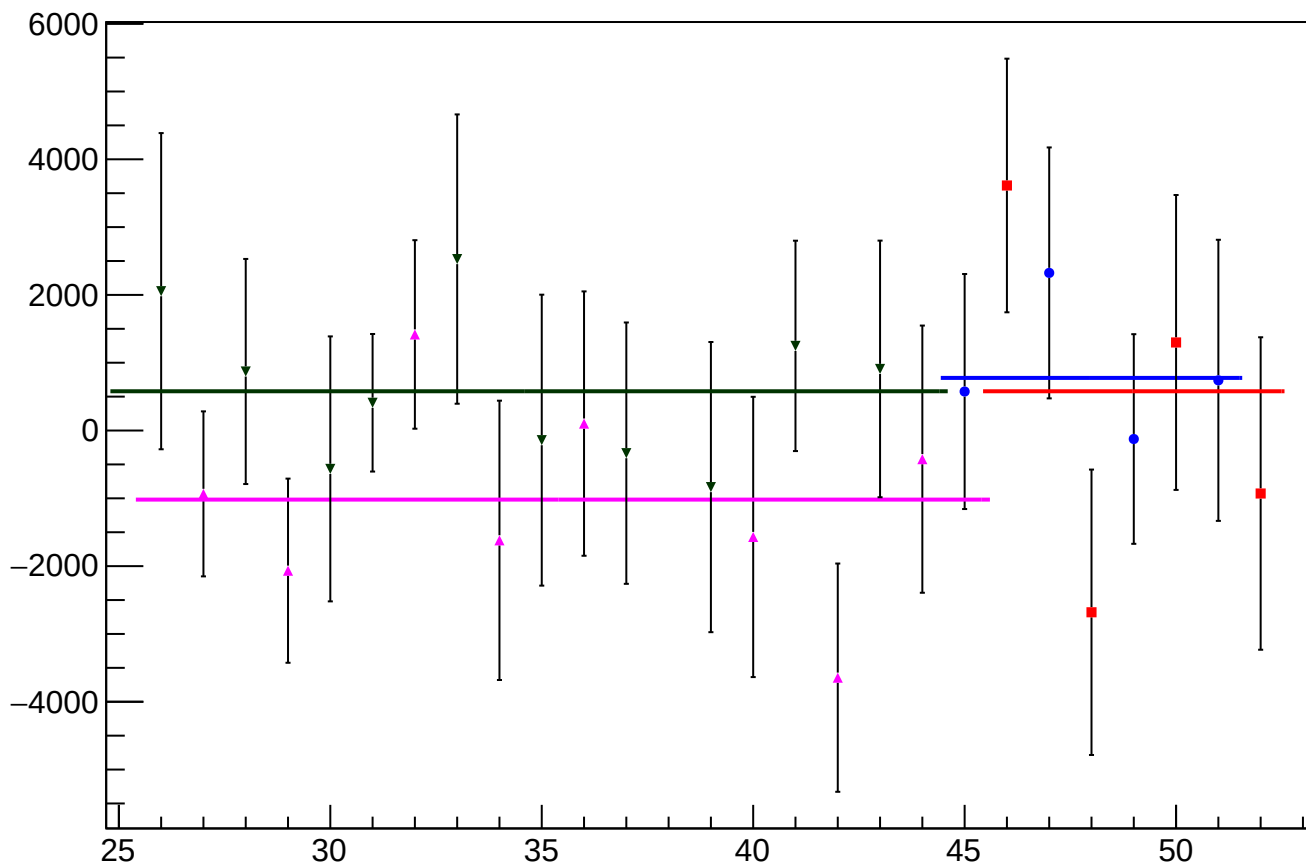
Left Out: 1073.196+/-0.356 χ^2/NDF :1168803.9/9

1198.936+/-0.227 χ^2/NDF : 1635816.3/25

Right Out: 1438.769+/-0.721 χ^2/NDF : 40075.5/3

Left In: 1206.757+/-0.380 χ^2/NDF :93370.6/7

asym_atl1r2_dd_mean vs slug



Right In: 776.074+/-885.169 χ^2/NDF : 1.1/3

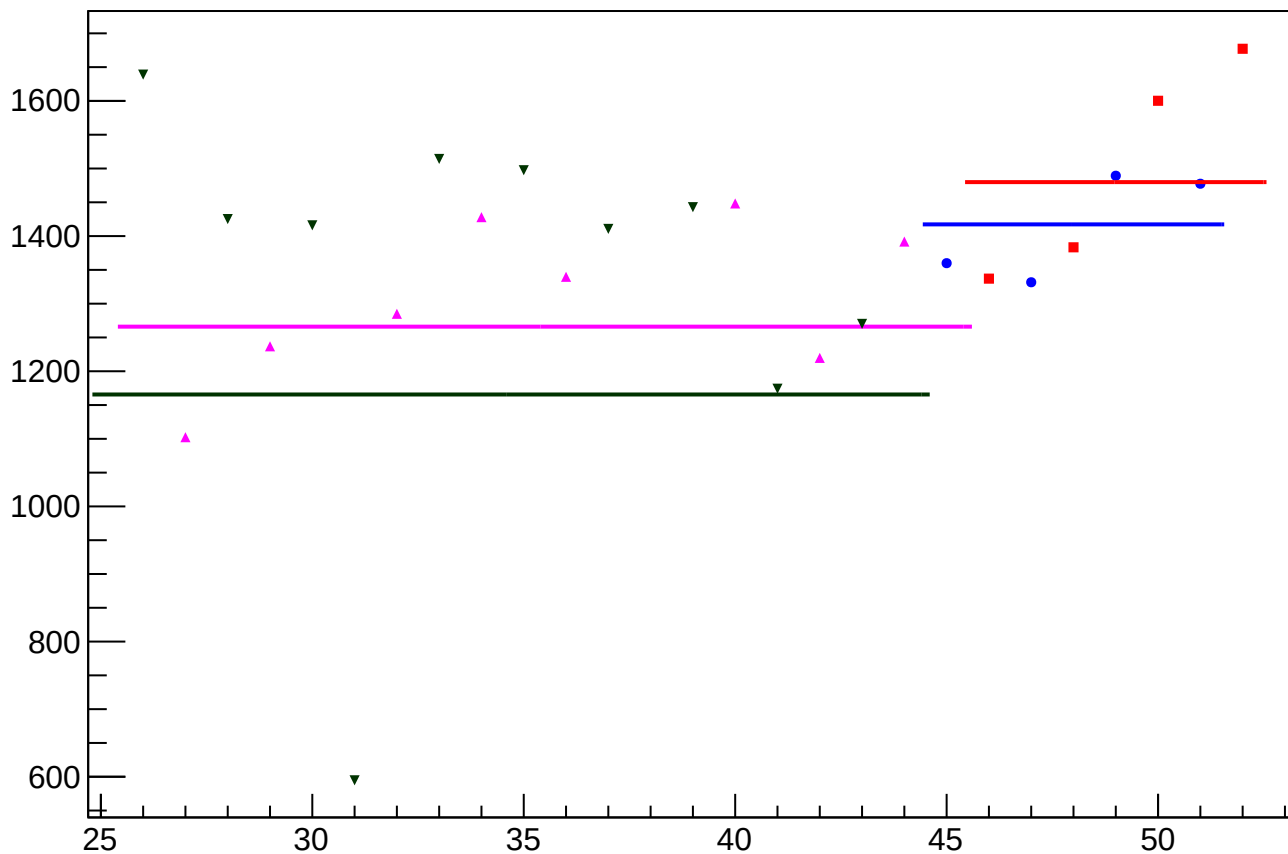
Left Out: 579.001+/-542.319 χ^2/NDF : 2.6/9

Right Out: 578.968+/-1047.426 χ^2/NDF : 5.6/3

Left In: -1018.709+/-569.922 χ^2/NDF : 6.7/7

40.450+/-339.685 χ^2/NDF : 21.3/25

asym_atl1r2_dd_rms vs slug



Right In: 1417.326+/-0.626 χ^2/NDF : 12500.6/3

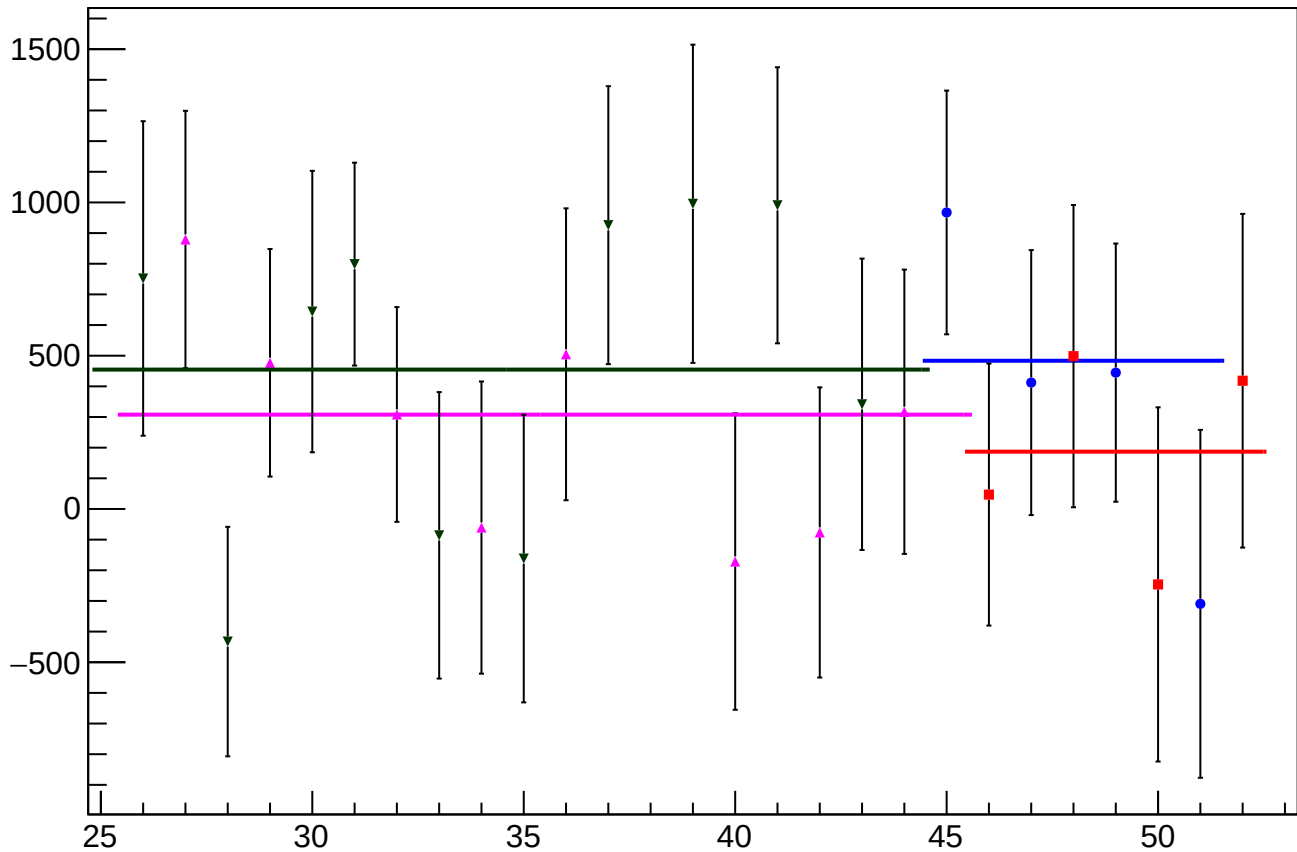
Left Out: 1165.616+/-0.383 χ^2/NDF : 970870.7/9

Right Out: 1479.868+/-0.741 χ^2/NDF : 36659.1/3

Left In: 1265.999+/-0.403 χ^2/NDF : 77911.6/7

1271.395+/-0.240 χ^2/NDF : 1307796.7/25

reg_asym_atr1l2_avg_mean vs slug



Right In: 483.470 $\pm$ 221.279 χ^2 /NDF: 3.5/3

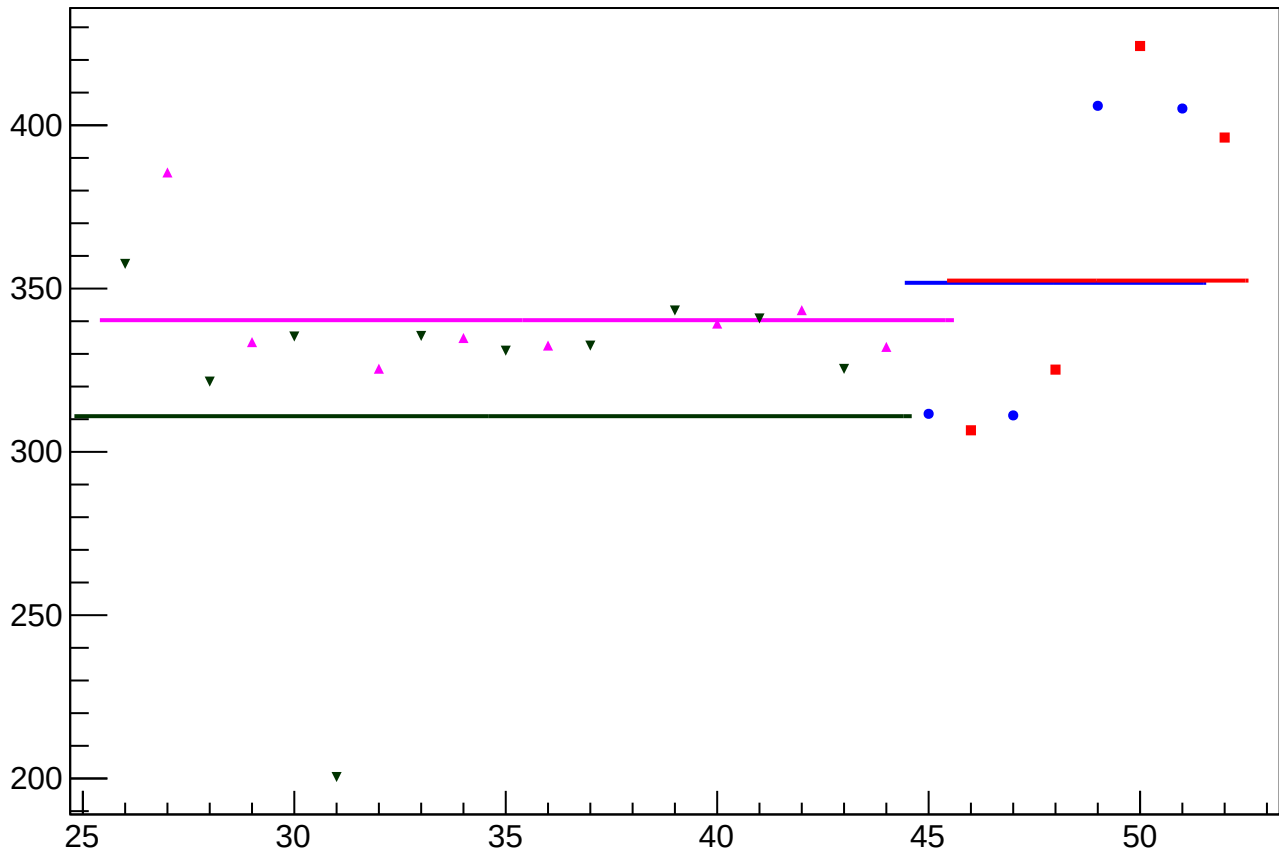
Left Out: 454.702 $\pm$ 138.846 χ^2 /NDF:13.9/9

378.311 $\pm$ 87.192 χ^2 /NDF: 24.4/25

Right Out: 186.929 $\pm$ 250.313 χ^2 /NDF: 1.2/3

Left In: 307.710 $\pm$ 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

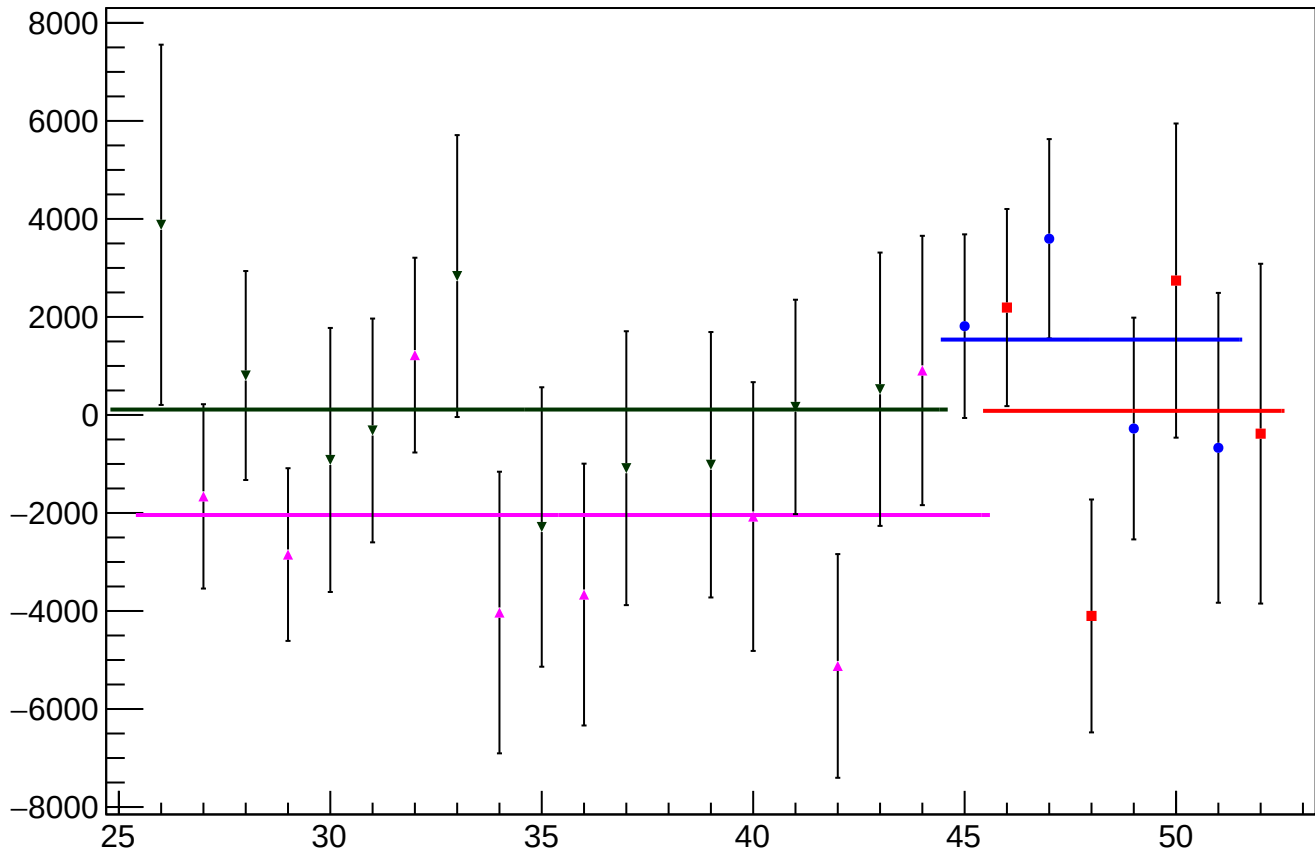
Left Out: 310.928 $\pm$ 0.098 χ^2 /NDF: 278877.1/9

Right Out: 352.442 $\pm$ 0.177 χ^2 /NDF: 72975.7/3

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.9/7

331.978 $\pm$ 0.062 χ^2 /NDF: 550997.8/25

asym_atr1l2_avg_correction_mean vs slug



Right In: 1538.083 $\pm$ 1102.873 χ^2/NDF : 2.2/3

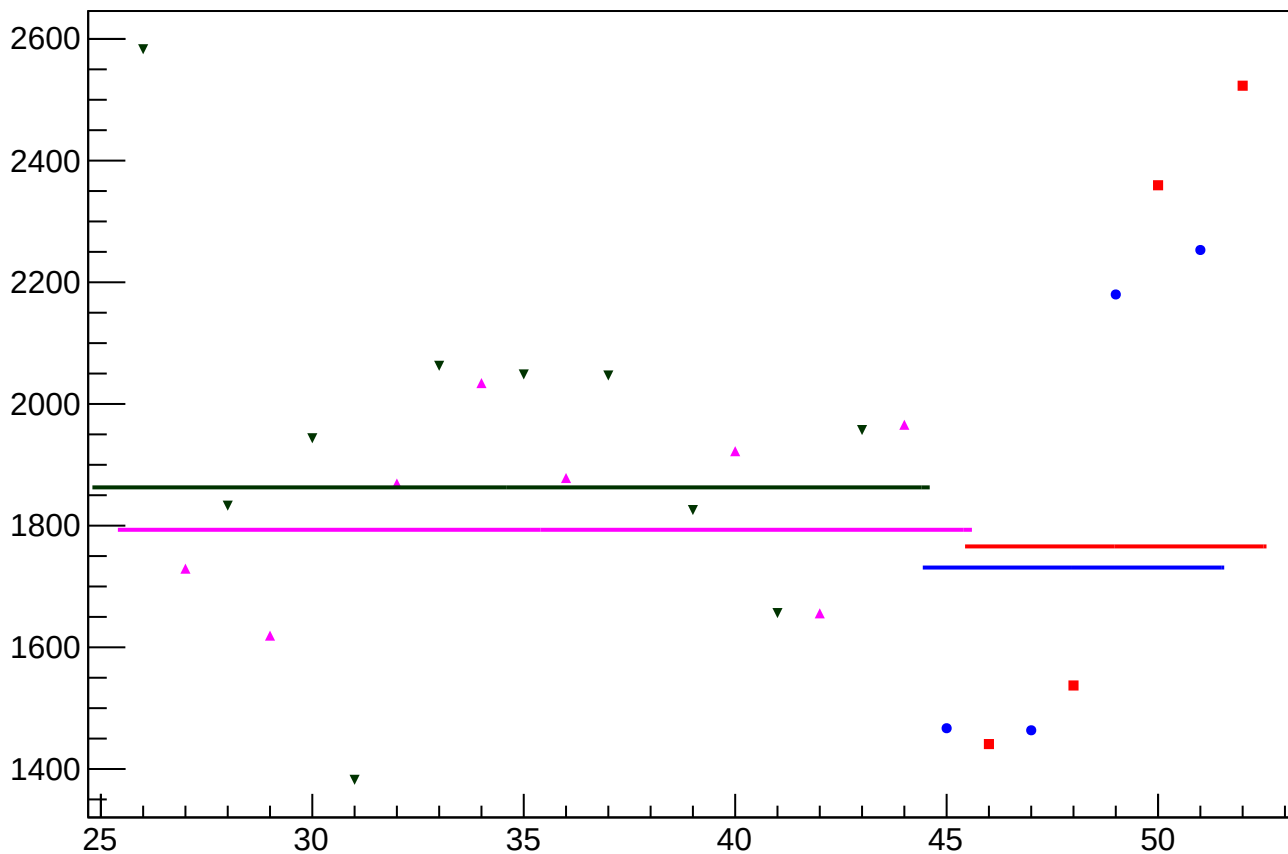
Left Out: 110.611 $\pm$ 824.937 χ^2/NDF : 3.3/9

Right Out: 83.854 $\pm$ 1285.801 χ^2/NDF : 4.9/3

Left In: -2041.346 $\pm$ 796.392 χ^2/NDF : 6.8/7

-389.162 $\pm$ 472.817 χ^2/NDF : 25.0/25

asym_atr1l2_avg_correction_rms vs slug



Right In: 1731.133+/-0.780 χ^2/NDF : 207594.2/3

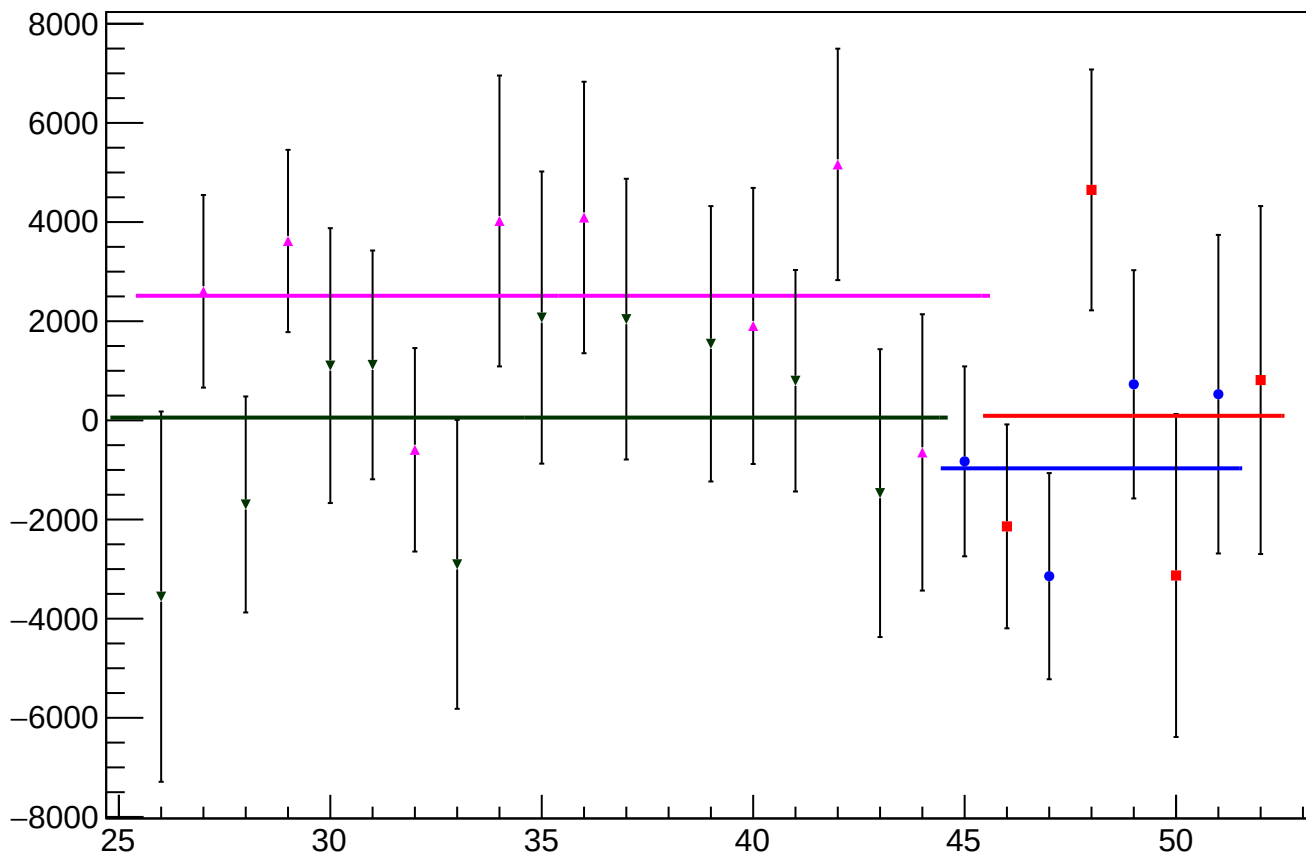
Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

1800.987+/-0.334 χ^2/NDF : 738615.6/25

Right Out: 1765.845+/-0.909 χ^2/NDF : 234721.9/3

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

asym_atr1l2_avg_mean vs slug



Right In: -967.579 $\pm$ 1125.485 χ^2/NDF : 1.9/3

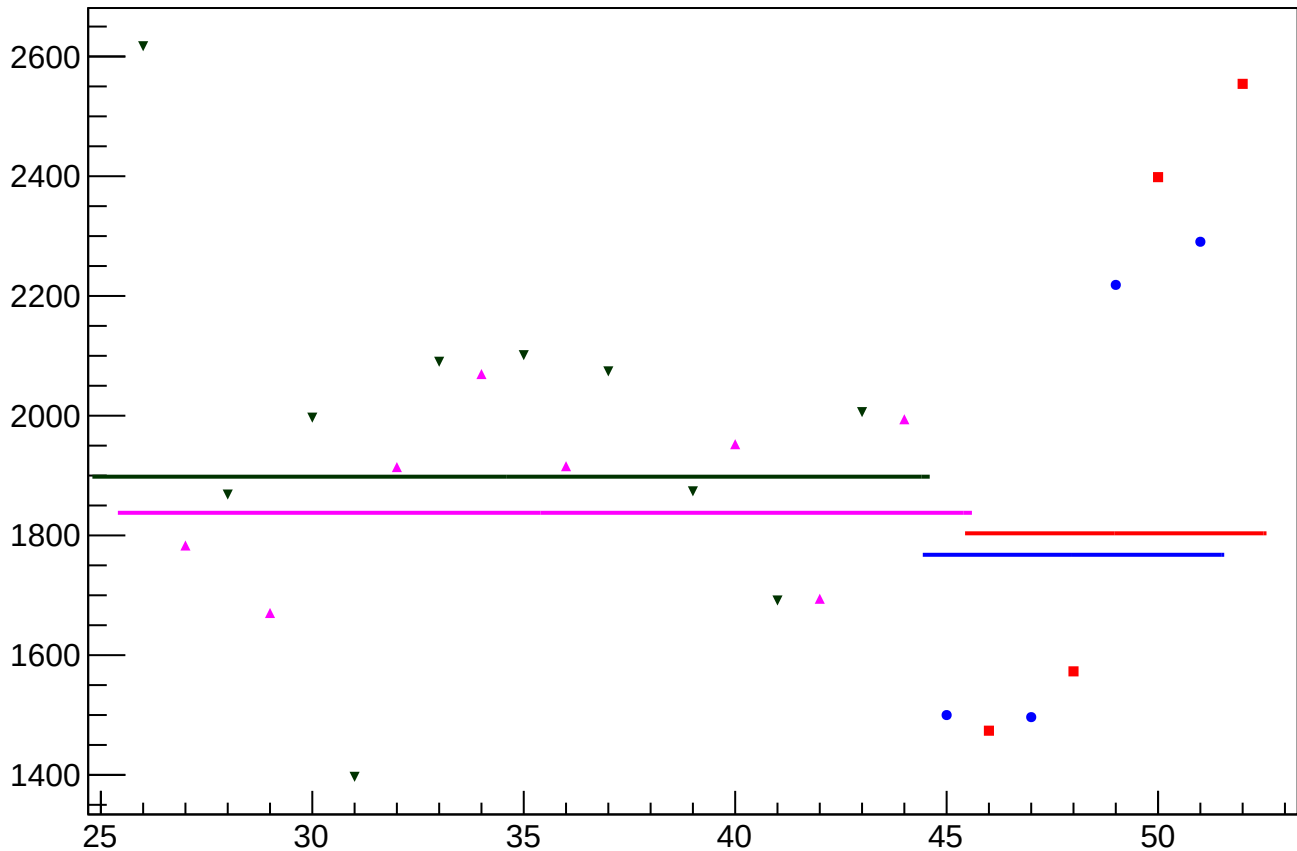
Left Out: 56.371 $\pm$ 843.149 χ^2/NDF : 4.6/9

Right Out: 91.866 $\pm$ 1311.691 χ^2/NDF : 5.7/3

Left In: 2513.421 $\pm$ 819.489 χ^2/NDF : 5.9/7

729.302 $\pm$ 484.138 χ^2/NDF : 25.9/25

asym_atr1l2_avg_rms vs slug



Right In: 1767.663 ± 0.796 χ^2/NDF : 202756.9/3

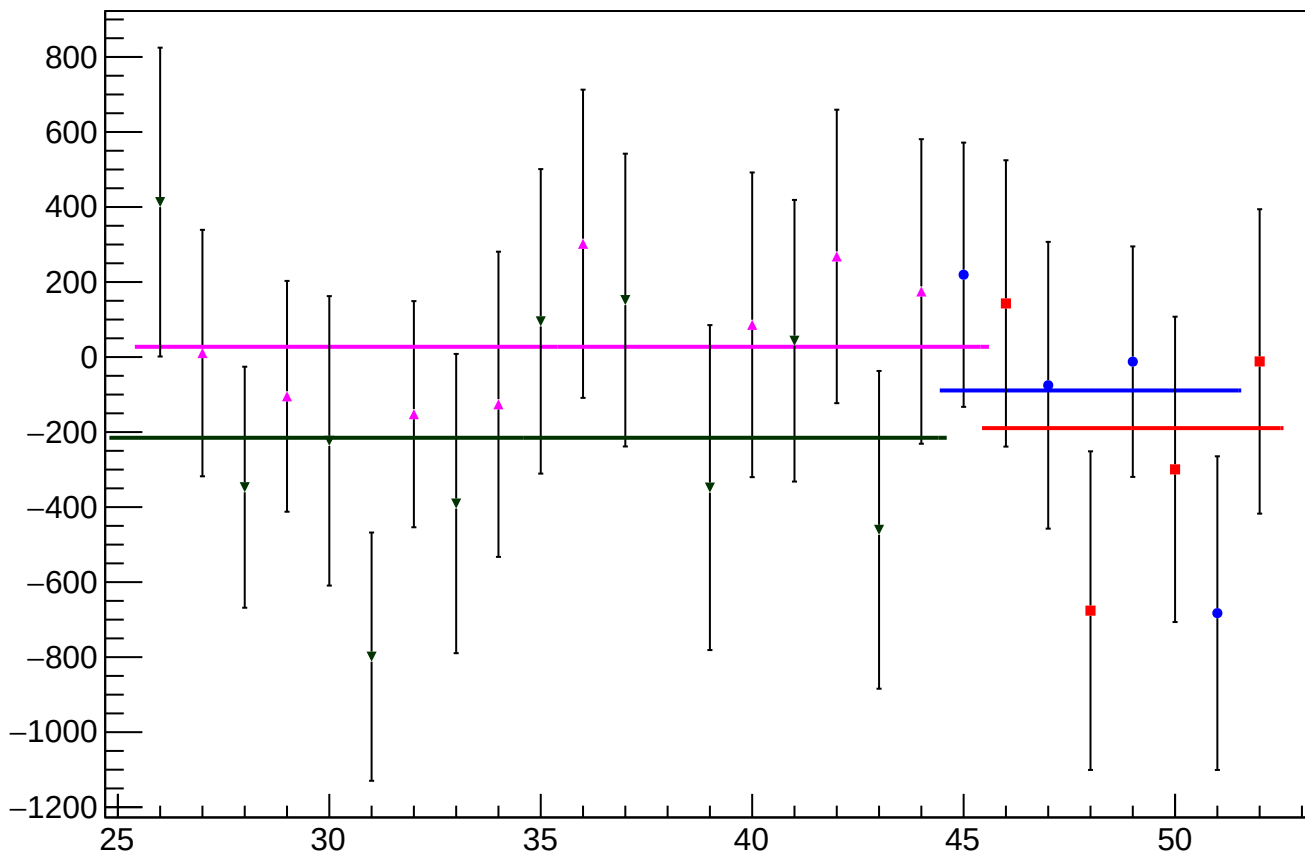
Left Out: 1898.125 ± 0.596 χ^2/NDF : 217407.8/9

Right Out: 1803.514 ± 0.928 χ^2/NDF : 227623.7/3

Left In: 1837.803 ± 0.579 χ^2/NDF : 52264.8/7

1840.042 ± 0.342 χ^2/NDF : 719381.5/25

reg_asym_atr1l2_dd_mean vs slug



Right In: -89.061 ± 178.973 χ^2/NDF : 2.8/3

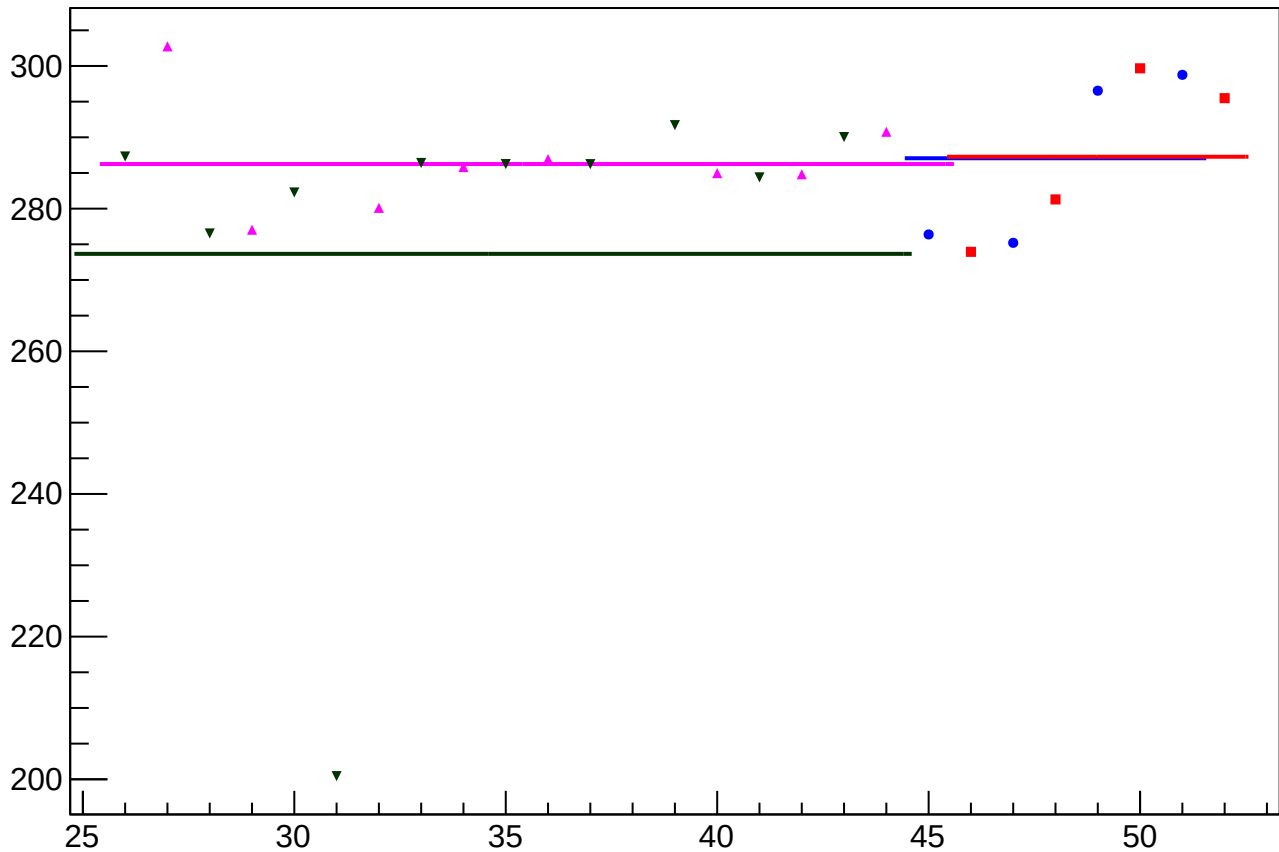
Left Out: -215.198 ± 120.951 χ^2/NDF : 8.2/9

Right Out: -189.436 ± 201.953 χ^2/NDF : 2.3/3

Left In: 27.345 ± 127.553 χ^2/NDF : 1.7/7

-110.233 ± 73.411 χ^2/NDF : 17.1/25

reg_asym_atr1l2_dd_rms vs slug



Right In: 287.064 ± 0.127 $\chi^2/\text{NDF}: 7228.3/3$

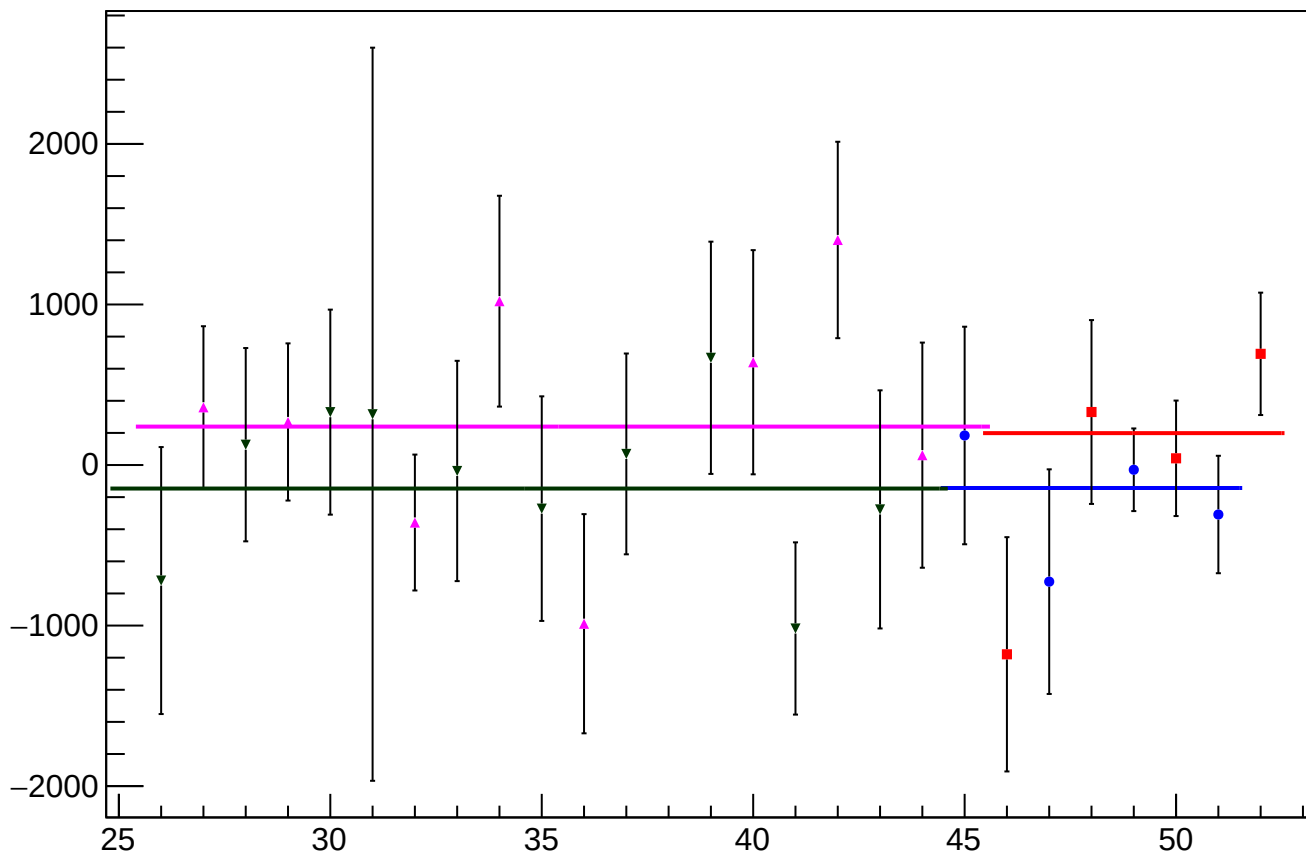
Left Out: 273.662 ± 0.086 $\chi^2/\text{NDF}: 115390.2/9$

Right Out: 287.277 ± 0.143 $\chi^2/\text{NDF}: 5510.5/3$

Left In: 286.254 ± 0.090 $\chi^2/\text{NDF}: 7968.5/7$

281.887 ± 0.052 $\chi^2/\text{NDF}: 150788.7/25$

asym_atr1l2_dd_correction_mean vs slug



Right In: -143.071+/-193.199 χ^2 /NDF: 1.3/3

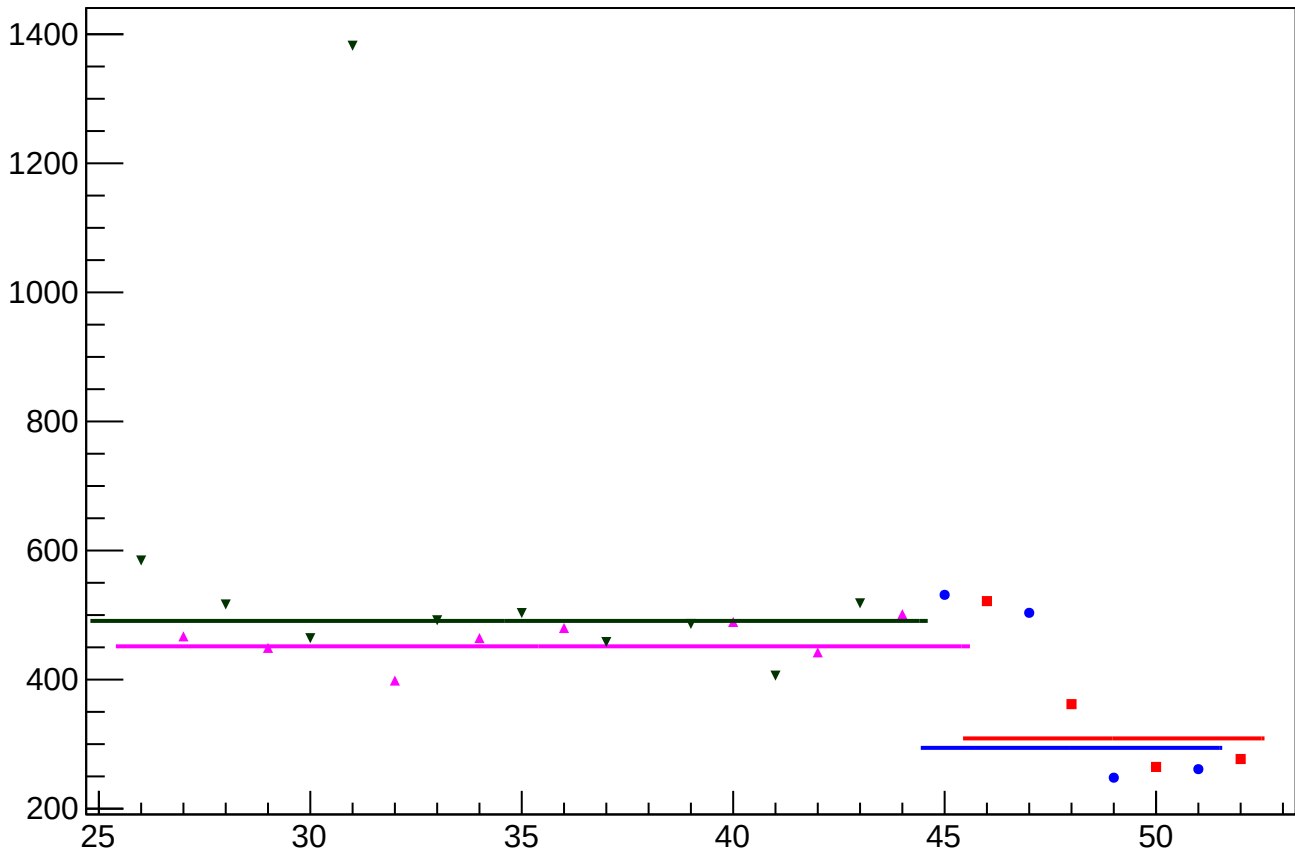
Left Out: -146.460+/-219.375 χ^2 /NDF:5.4/9

Right Out: 198.675+/-226.215 χ^2 /NDF: 5.5/3

Left In: 239.342+/-200.411 χ^2 /NDF:10.7/7

32.226+/-104.252 χ^2 /NDF: 26.0/25

asym_atr1l2_dd_correction_rms vs slug



Right In: 294.232+/-0.137 χ^2/NDF : 504549.2/3

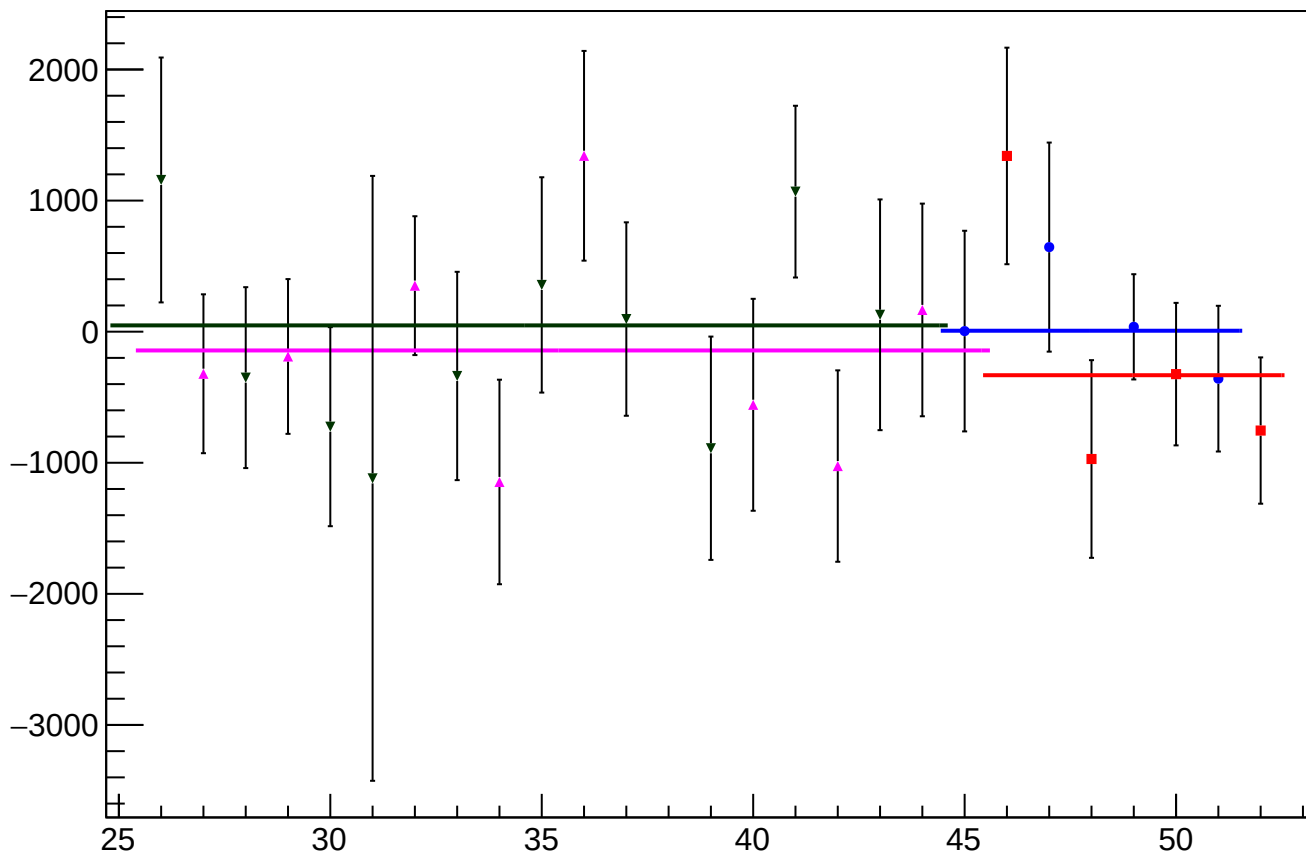
Left Out: 490.946+/-0.155 χ^2/NDF :396061.5/9

384.338+/-0.074 χ^2/NDF : 2540946.7/25

Right Out: 308.880+/-0.160 χ^2/NDF : 231502.1/3

Left In: 451.550+/-0.142 χ^2/NDF :53985.5/7

asym_atr1l2_dd_mean vs slug



Right In: 7.177 ± 280.365 $\chi^2/\text{NDF}: 1.1/3$

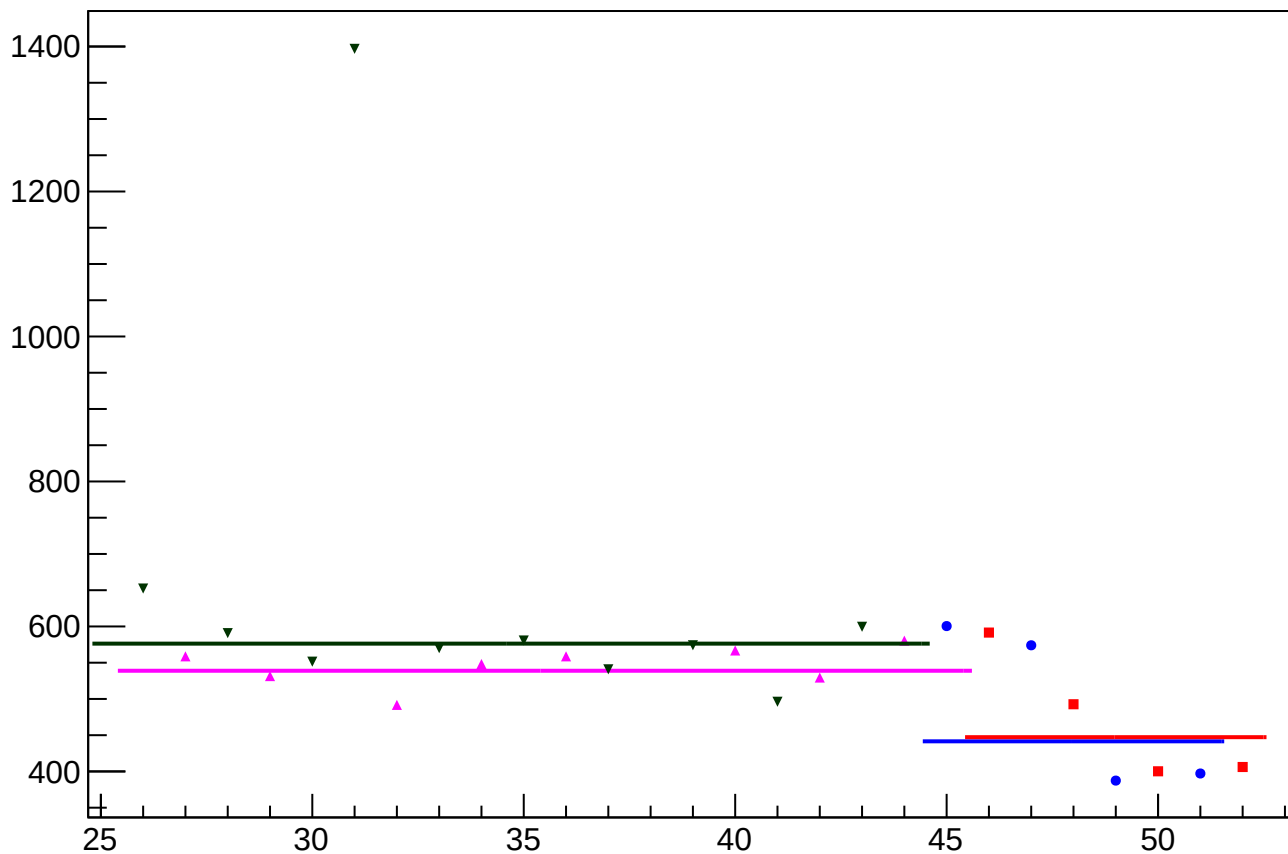
Left Out: 47.962 ± 257.579 $\chi^2/\text{NDF}: 7.1/9$

Right Out: -332.114 ± 319.107 $\chi^2/\text{NDF}: 5.4/3$

Left In: -143.227 ± 240.493 $\chi^2/\text{NDF}: 7.9/7$

-89.677 ± 134.957 $\chi^2/\text{NDF}: 22.5/25$

asym_atr1l2_dd_rms vs slug



Right In: 441.541+/-0.198 χ^2/NDF : 190679.6/3

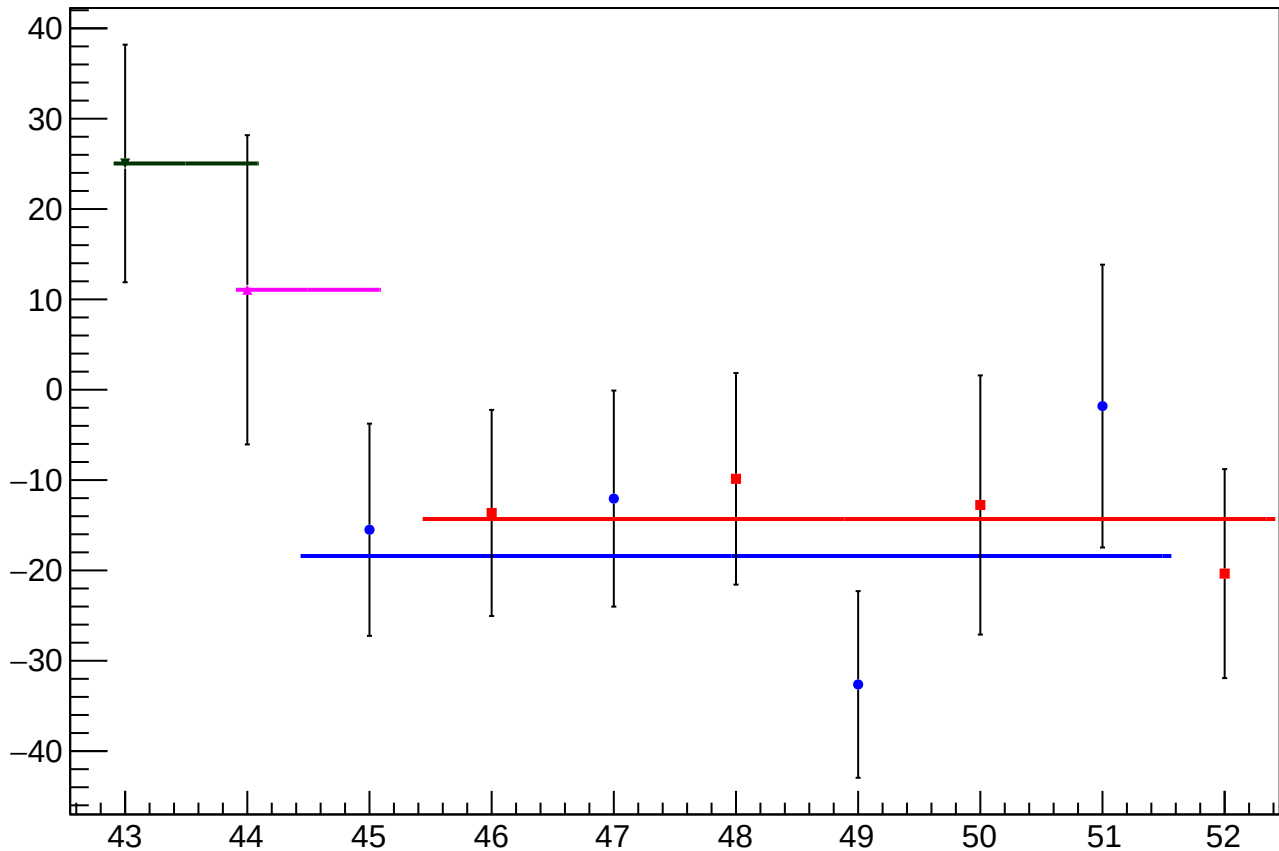
Left Out: 576.304+/-0.182 χ^2/NDF : 305346.9/9

Right Out: 447.263+/-0.226 χ^2/NDF : 94160.0/3

Left In: 538.892+/-0.170 χ^2/NDF : 27750.6/7

510.216+/-0.095 χ^2/NDF : 975868.8/25

diff_bpm0l01X_mean vs slug



Right In: -18.404±6.009 χ^2/NDF : 3.4/3

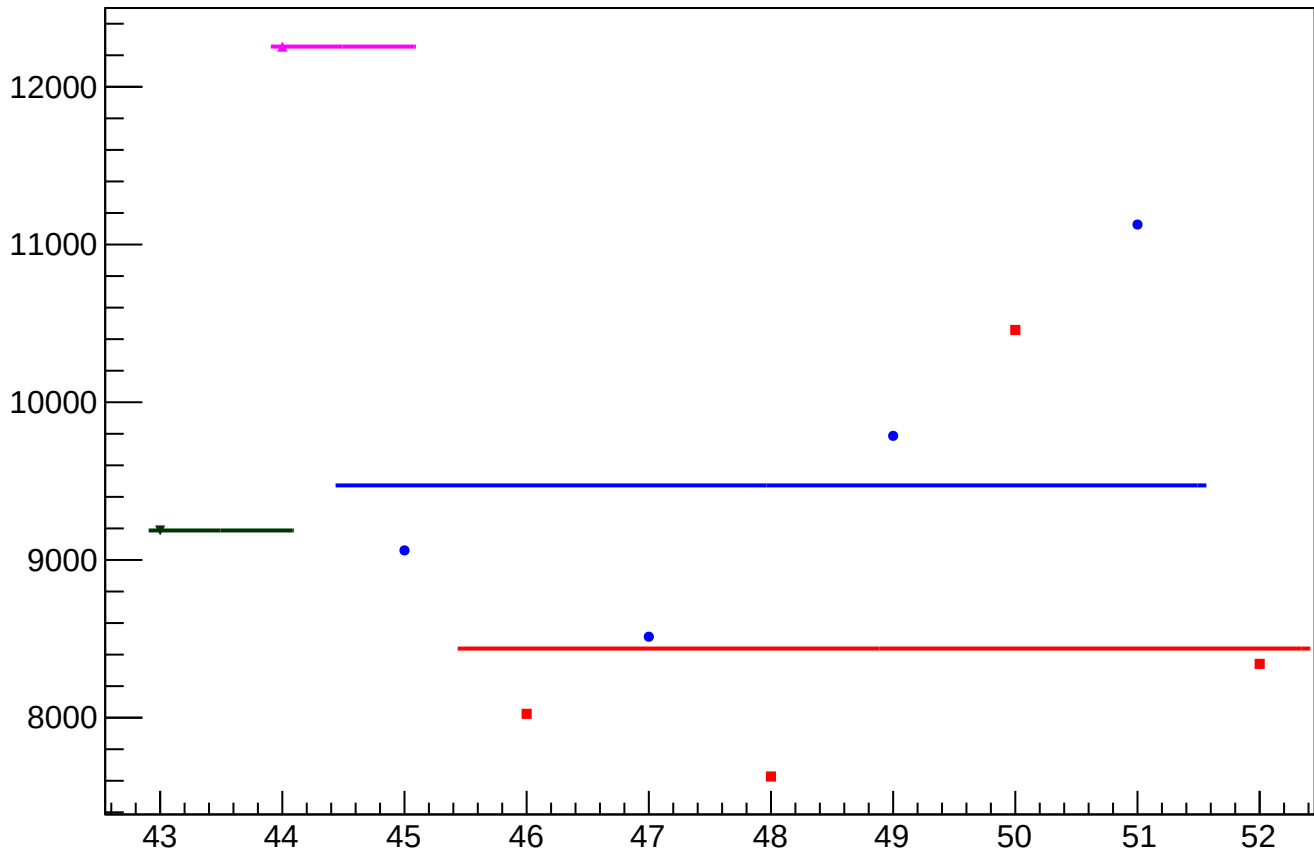
Left Out: 25.043±13.149 χ^2/NDF : 0.0/0

Right Out: -14.312±6.051 χ^2/NDF : 0.4/3

Left In: 11.060±17.116 χ^2/NDF : 0.0/0

-11.183±3.946 χ^2/NDF : 14.8/9

diff_bpm0l01X_rms vs slug



Right In: 9472.741 $\pm$ 4.249 χ^2 /NDF: 39522.7/3

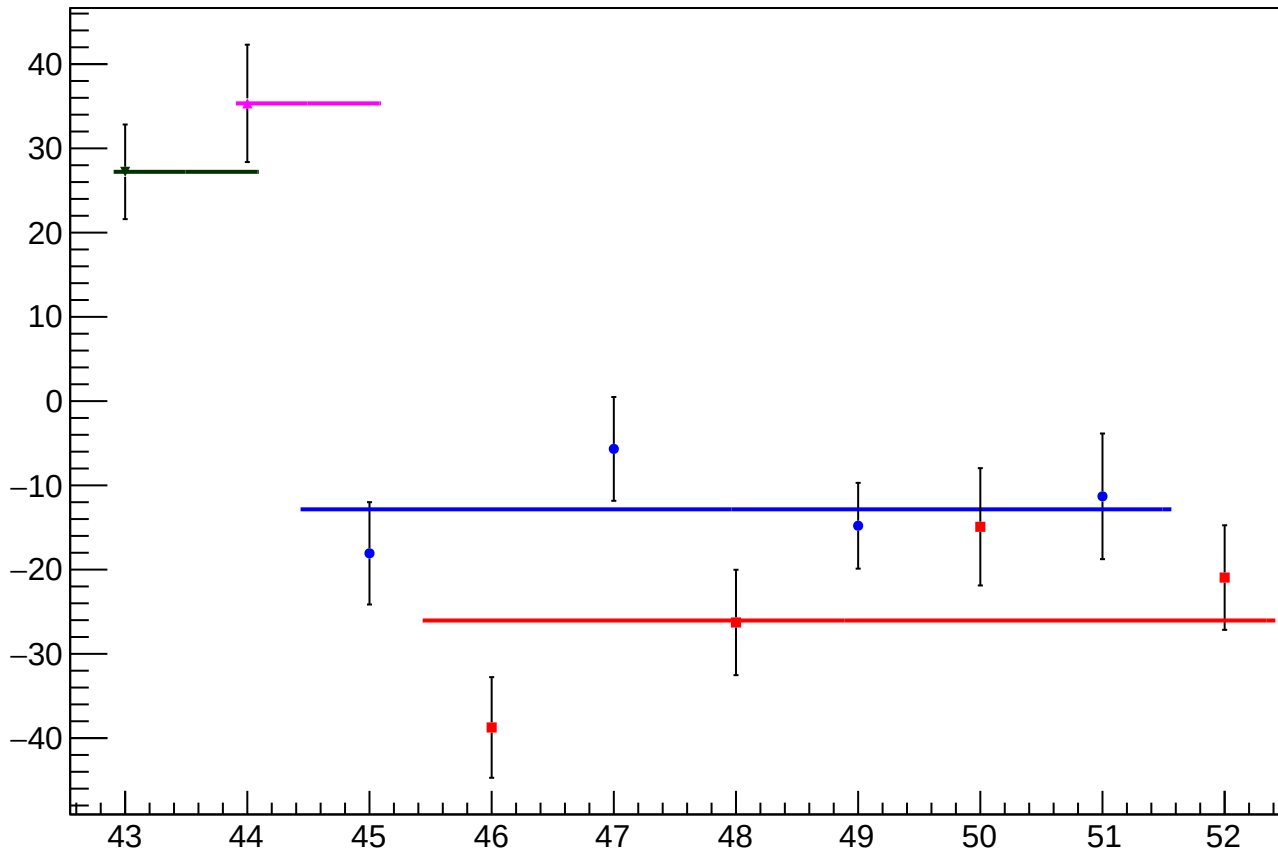
Left Out: 9187.011 $\pm$ 9.298 χ^2 /NDF: 0.0/0

9154.932 $\pm$ 2.791 χ^2 /NDF: 190838.1/9

Right Out: 8438.344 $\pm$ 4.279 χ^2 /NDF: 52043.1/3

Left In: 12255.114 $\pm$ 12.103 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs slug



Right In: -12.846 $\pm$ 3.015 χ^2 /NDF: 2.3/3

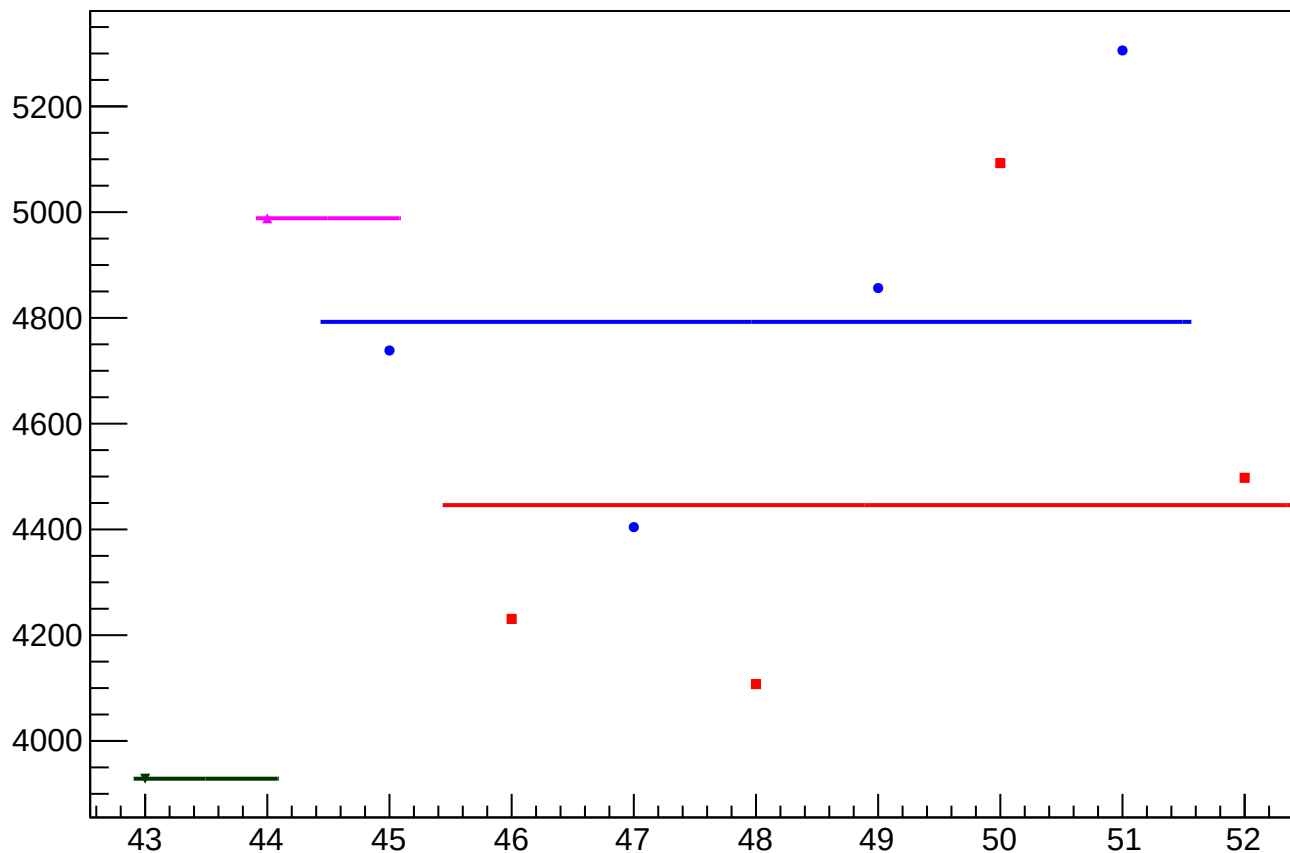
Left Out: 27.217 $\pm$ 5.615 χ^2 /NDF:0.0/0

-9.258 $\pm$ 1.952 χ^2 /NDF: 122.8/9

Right Out: -26.041 $\pm$ 3.160 χ^2 /NDF: 7.7/3

Left In: 35.342 $\pm$ 6.967 χ^2 /NDF:0.0/0

diff_bpm0l01Y_rms vs slug



Right In: 4792.531 $\pm$ 2.132 χ^2 /NDF: 17883.2/3

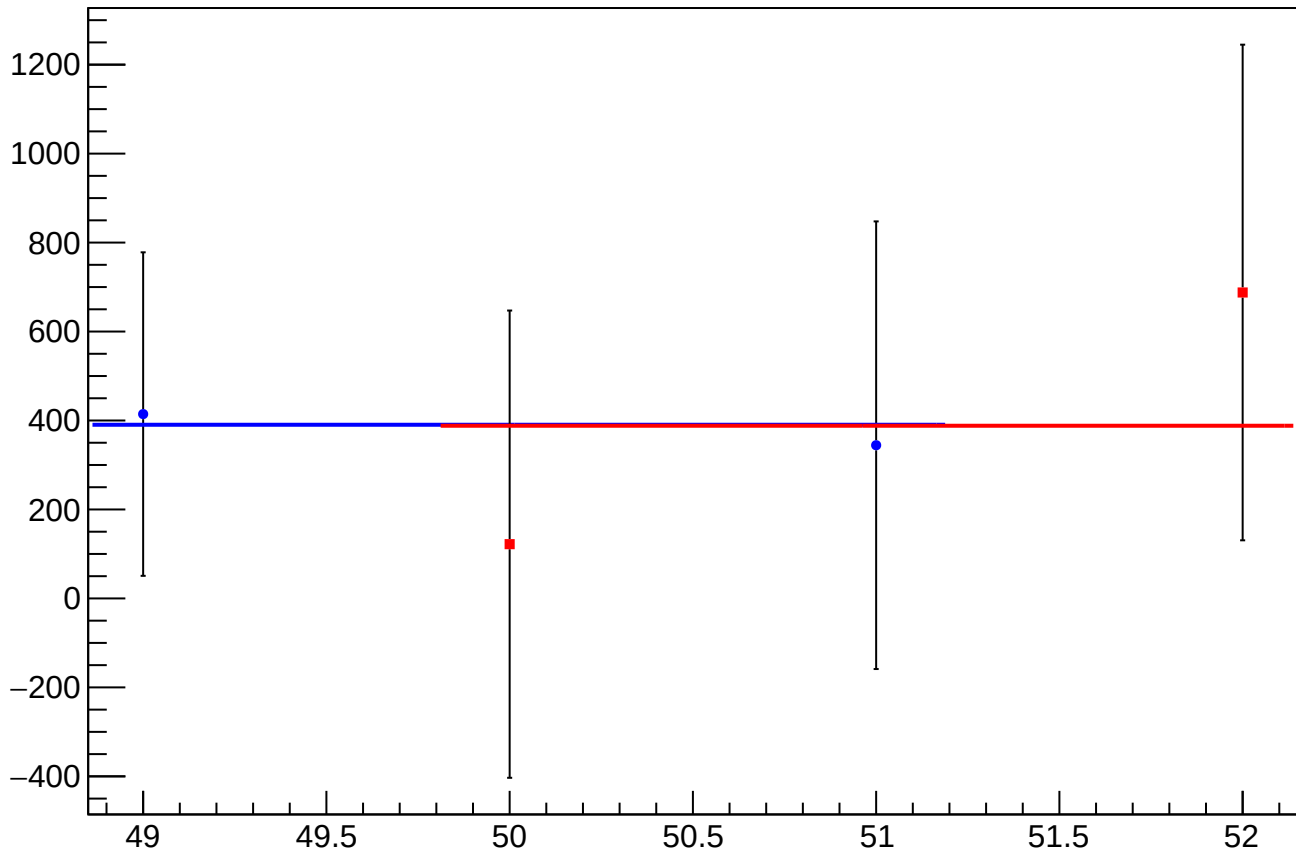
Left Out: 3928.623 $\pm$ 3.970 χ^2 /NDF: 0.0/0

Right Out: 4446.009 $\pm$ 2.234 χ^2 /NDF: 25845.9/3

Left In: 4988.411 $\pm$ 4.927 χ^2 /NDF: 0.0/0

4571.279 $\pm$ 1.380 χ^2 /NDF: 91010.4/9

asym_ds_agg_av_mean vs slug



Right In: 390.427 $\pm$ 294.738 χ^2 /NDF: 0.0/1

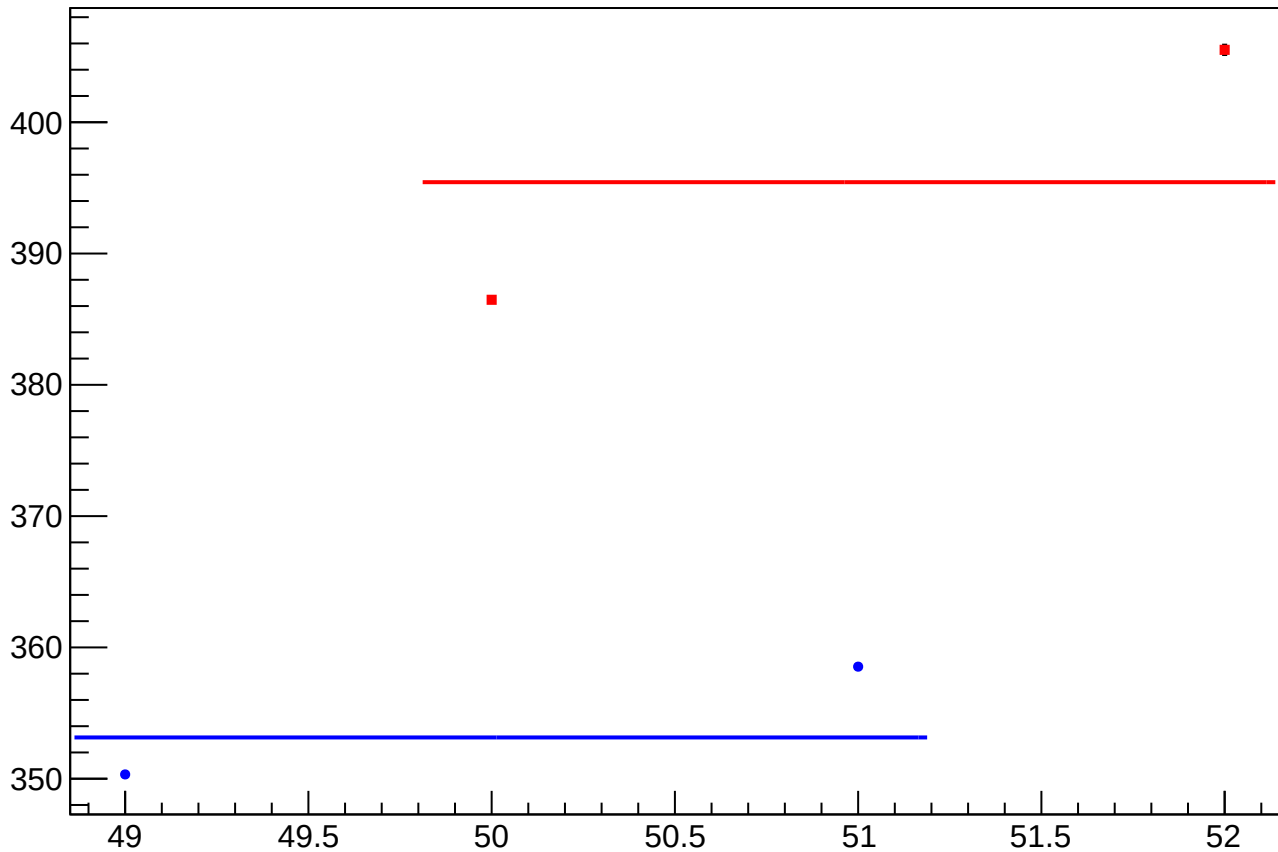
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

389.603 $\pm$ 233.394 χ^2 /NDF: 0.6/3

Right Out: 388.217 $\pm$ 382.182 χ^2 /NDF: 0.5/1

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

asym_ds_agg_av_rms vs slug



Right In: 353.143 $\pm$ 0.208 χ^2 /NDF: 349.6/1

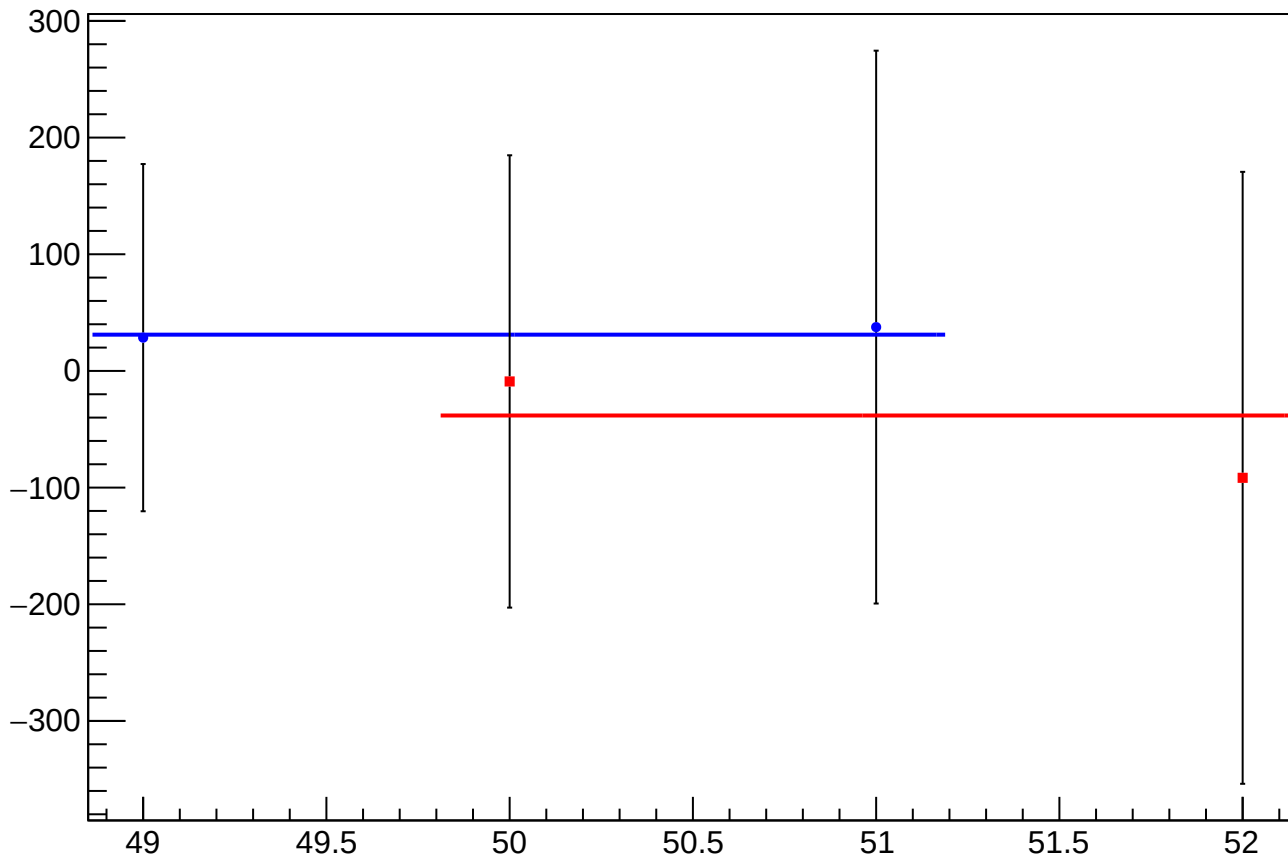
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

368.916 $\pm$ 0.165 χ^2 /NDF: 16942.7/3

Right Out: 395.435 $\pm$ 0.270 χ^2 /NDF: 1236.2/1

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

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 31.082+/-126.011 χ^2 /NDF: 0.0/1

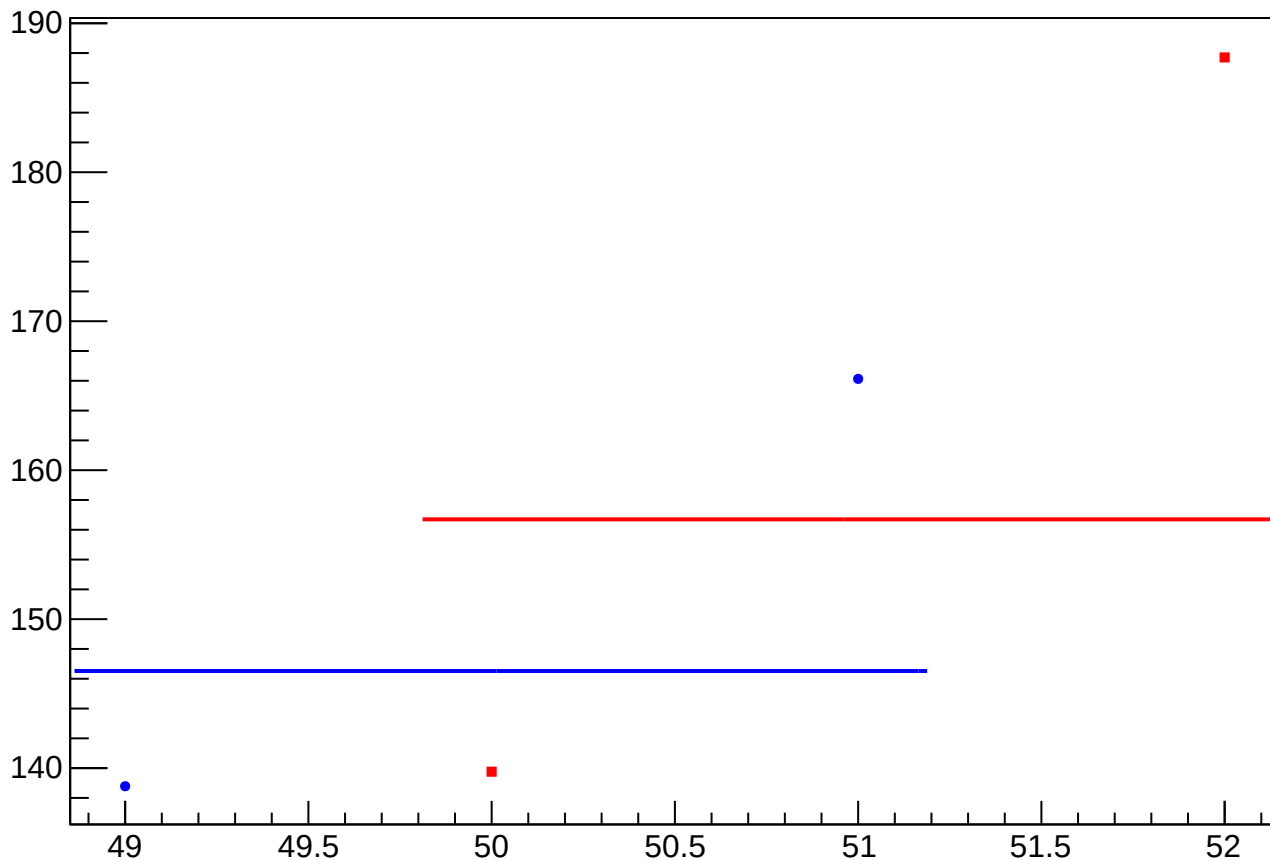
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3.701+/-97.997 χ^2 /NDF: 0.2/3

Right Out: -38.202+/-155.885 χ^2 /NDF: 0.1/1

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

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 146.520 $\pm$ 0.089 χ^2 /NDF: 19104.7/1

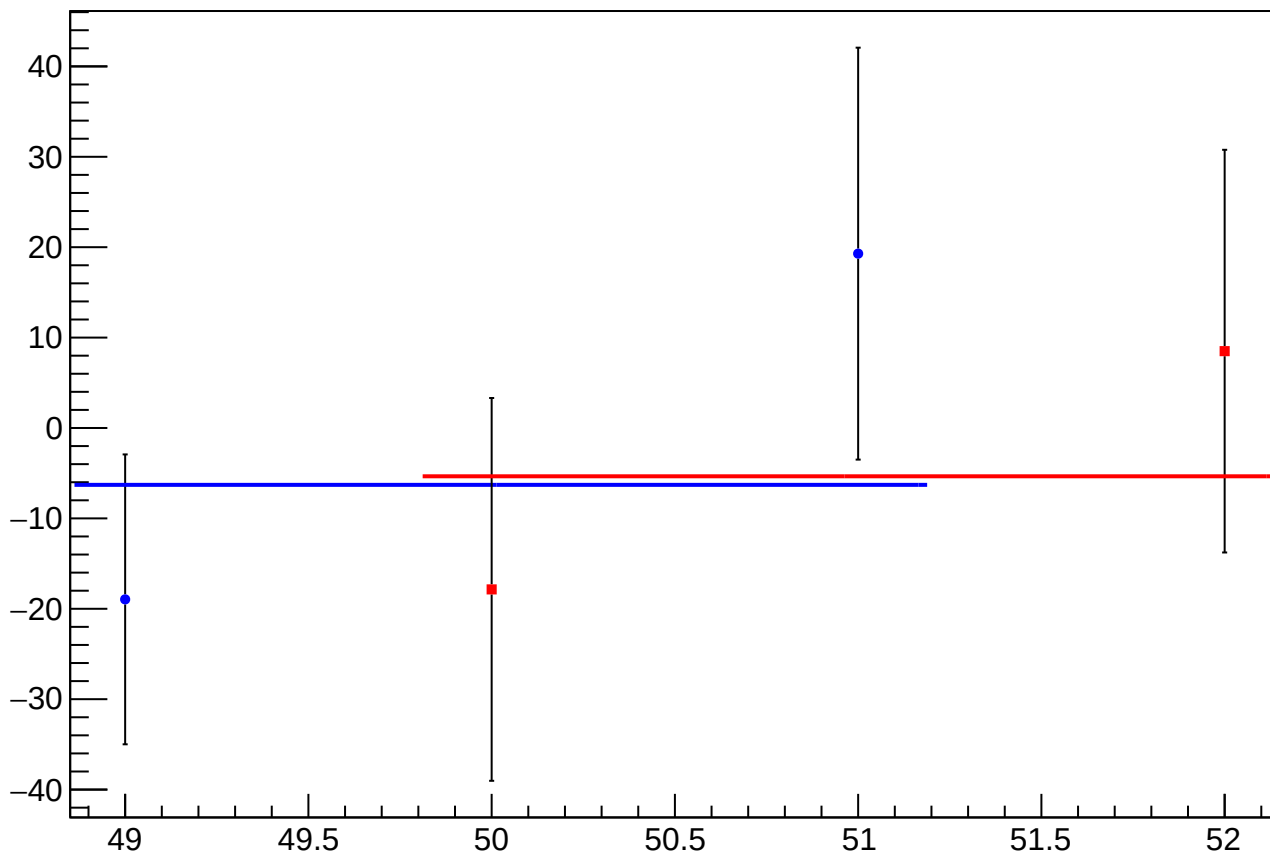
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150.543 $\pm$ 0.069 χ^2 /NDF: 67492.0/3

Right Out: 156.701 $\pm$ 0.110 χ^2 /NDF: 43228.3/1

Left In: 0.000 $\pm$ 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

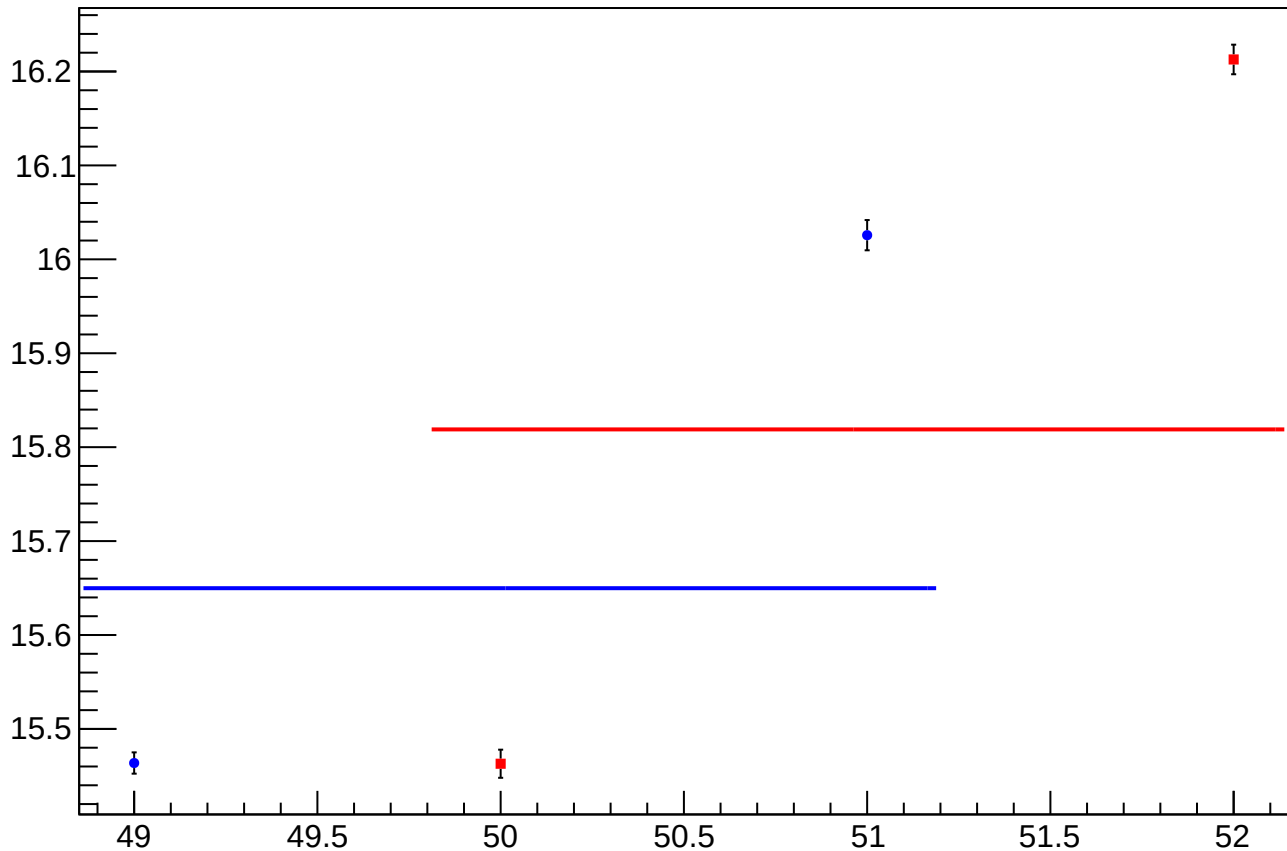
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.344 ± 15.345 χ^2/NDF : 0.7/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-5.891 ± 9.969 χ^2/NDF : 2.6/3

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.650+/-0.009 χ^2 /NDF: 813.8/1

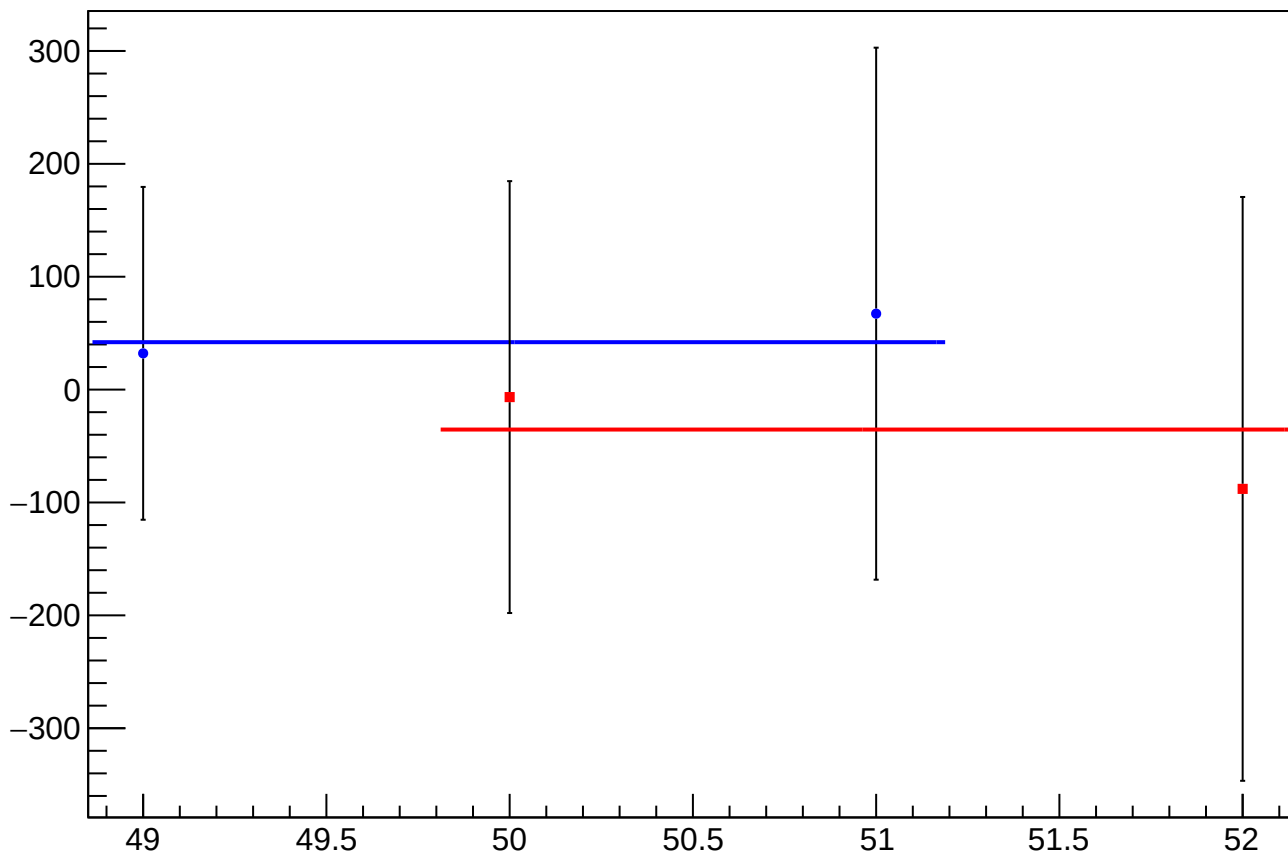
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

15.721+/-0.007 χ^2 /NDF: 2145.0/3

Right Out: 15.819+/-0.011 χ^2 /NDF: 1190.9/1

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

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 42.014 $\pm$ 124.987 χ^2 /NDF: 0.0/1

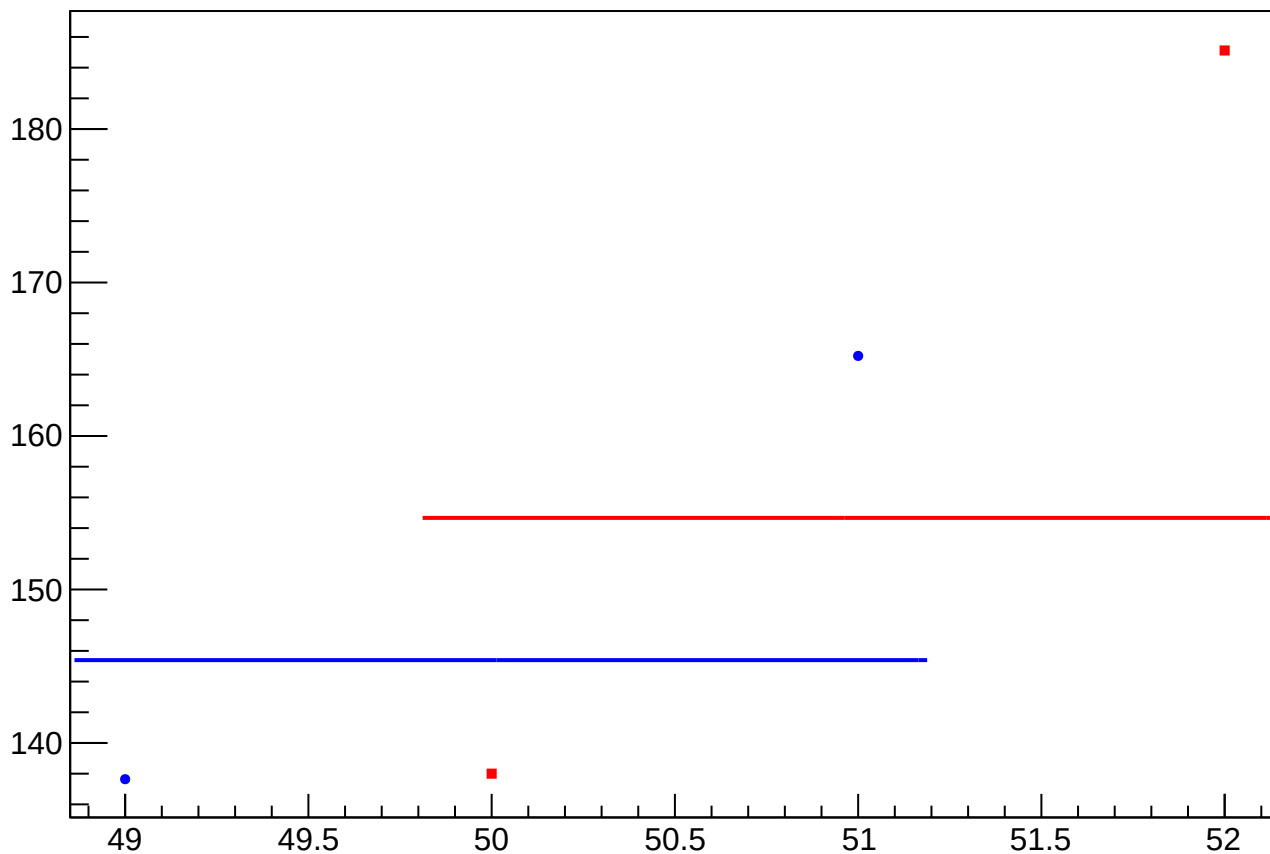
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.228 $\pm$ 96.997 χ^2 /NDF: 0.2/3

Right Out: -35.391 $\pm$ 153.804 χ^2 /NDF: 0.1/1

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

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 145.397 $\pm$ 0.088 χ^2 /NDF: 19687.1/1

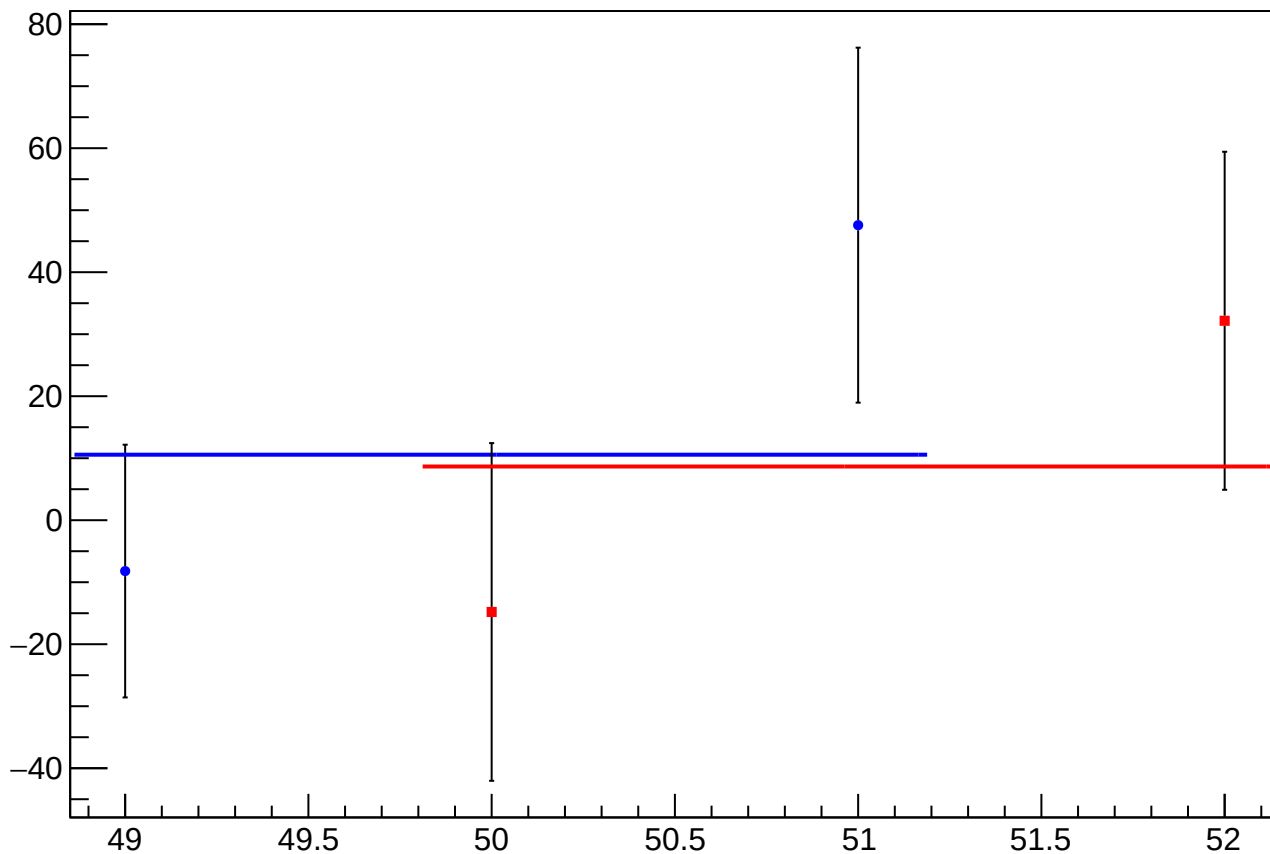
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149.084 $\pm$ 0.069 χ^2 /NDF: 66968.8/3

Right Out: 154.665 $\pm$ 0.109 χ^2 /NDF: 42907.8/1

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

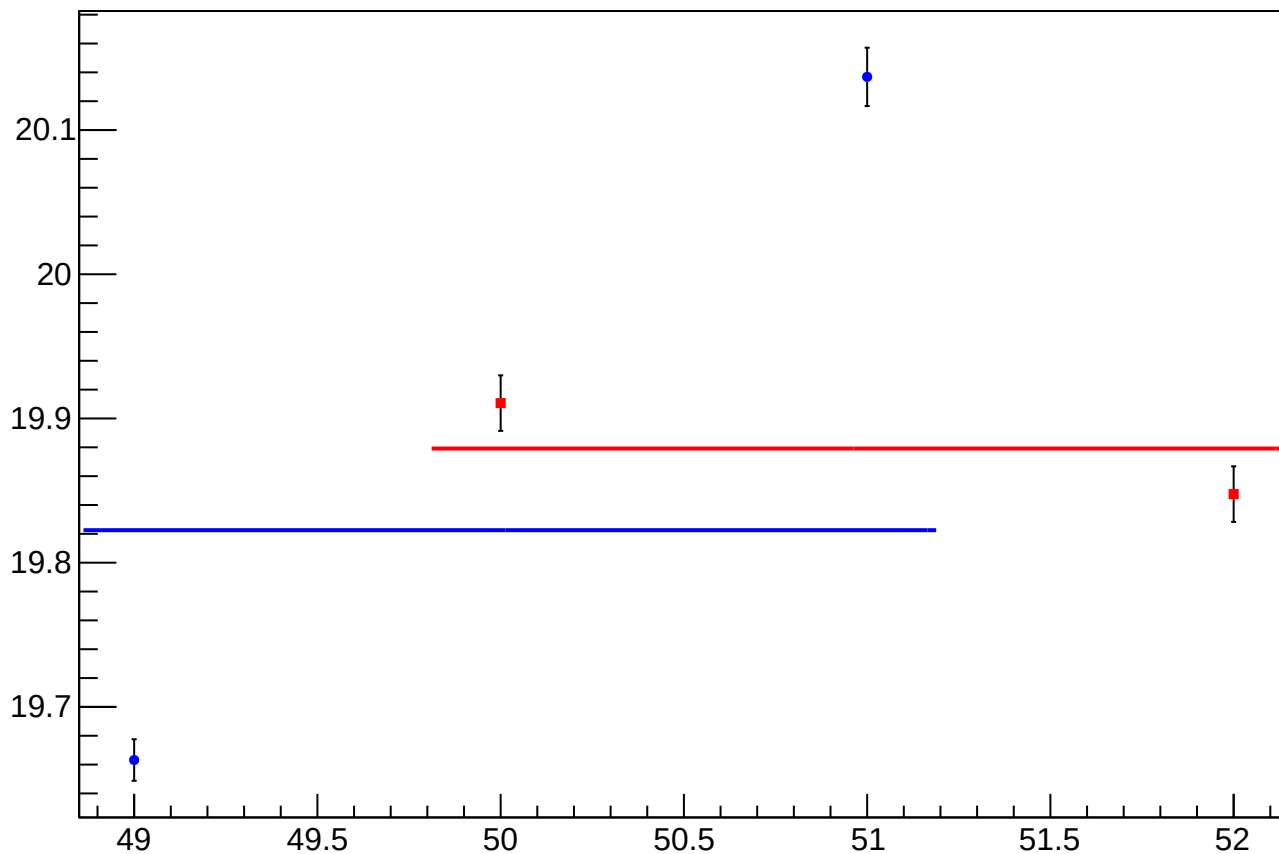
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.662+/-19.266 χ^2/NDF : 1.5/1

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

9.755+/-12.577 χ^2/NDF : 4.0/3

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.823+/-0.012 χ^2/NDF : 363.5/1

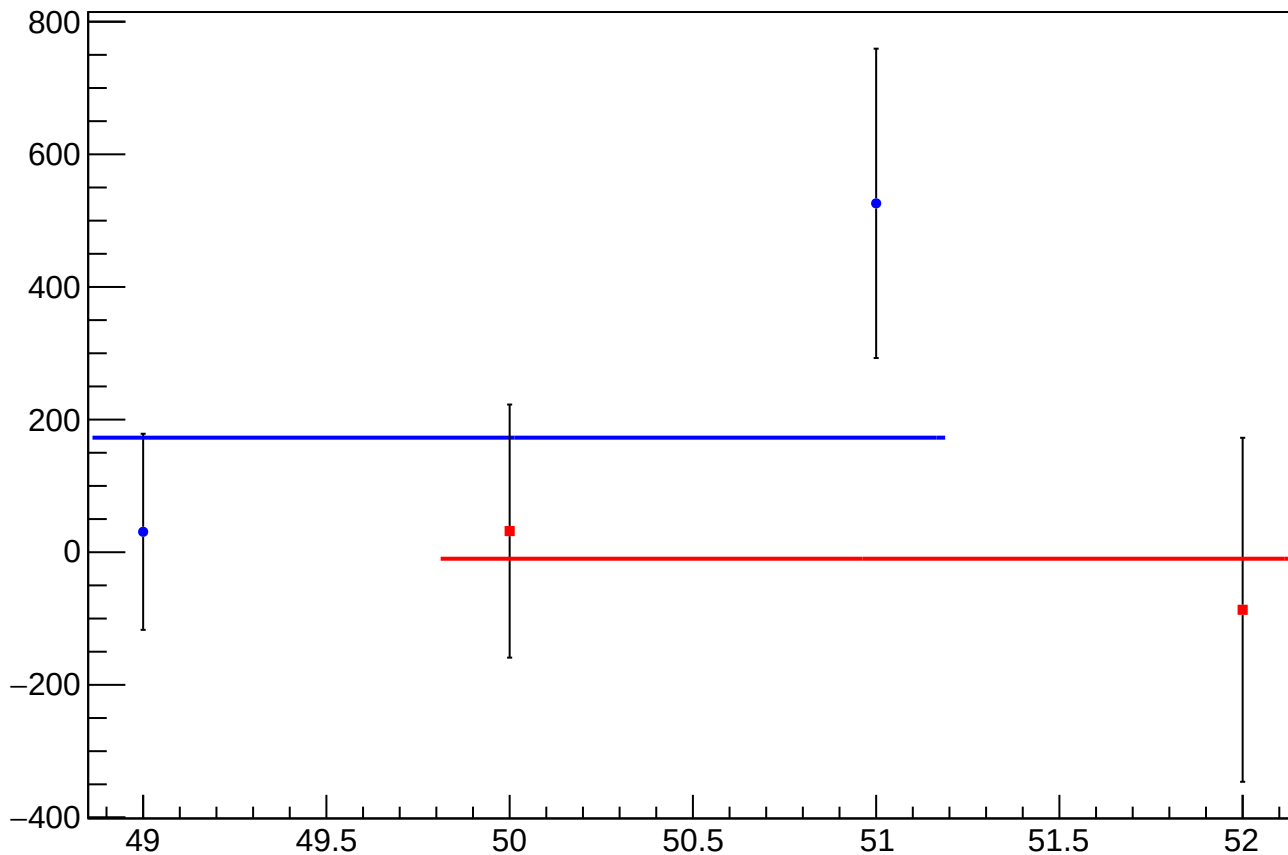
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.879+/-0.014 χ^2/NDF : 5.4/1

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

19.847+/-0.009 χ^2/NDF : 378.7/3

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 172.749 $\pm$ 124.868 χ^2 /NDF: 3.2/1

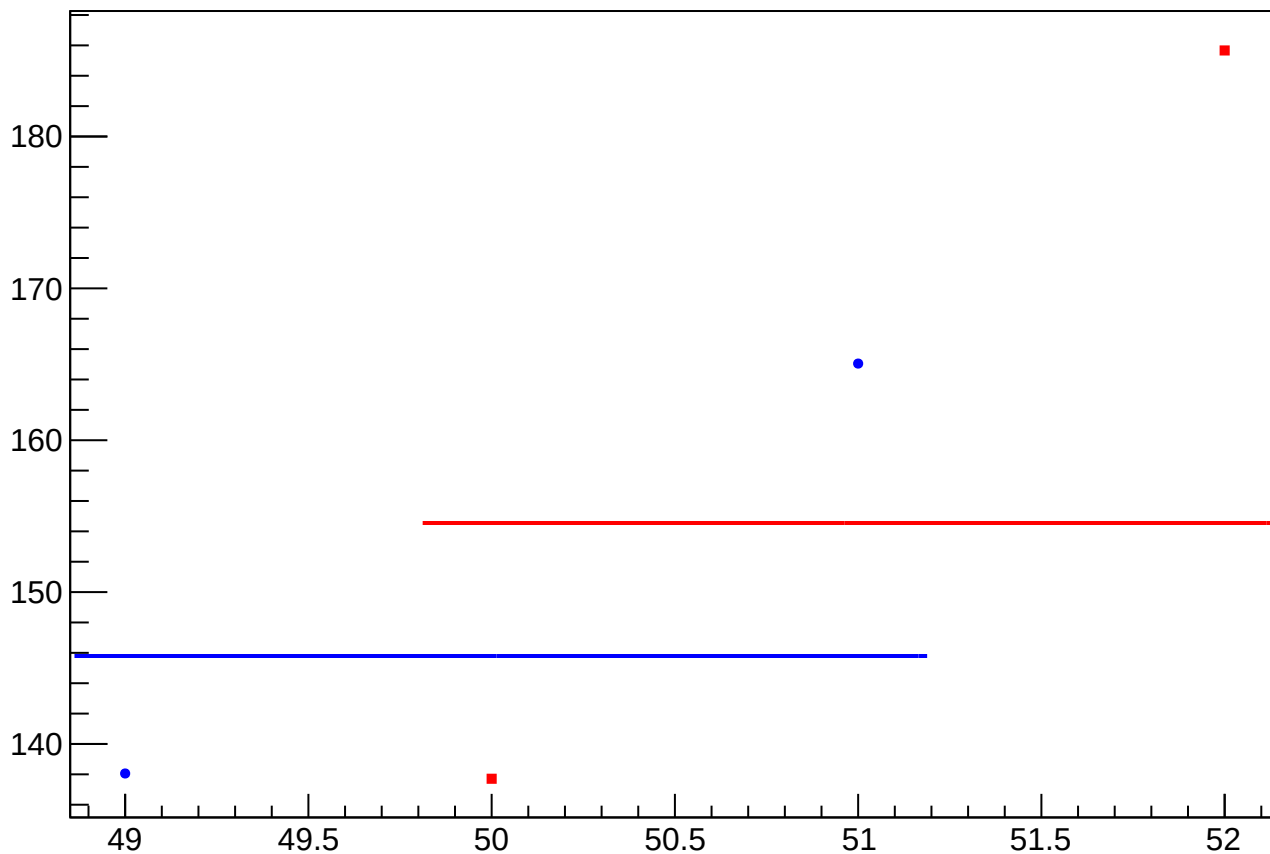
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

100.175 $\pm$ 96.916 χ^2 /NDF: 4.2/3

Right Out: -9.787 $\pm$ 153.702 χ^2 /NDF: 0.1/1

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

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 145.792 $\pm$ 0.088 χ^2 /NDF: 19106.8/1

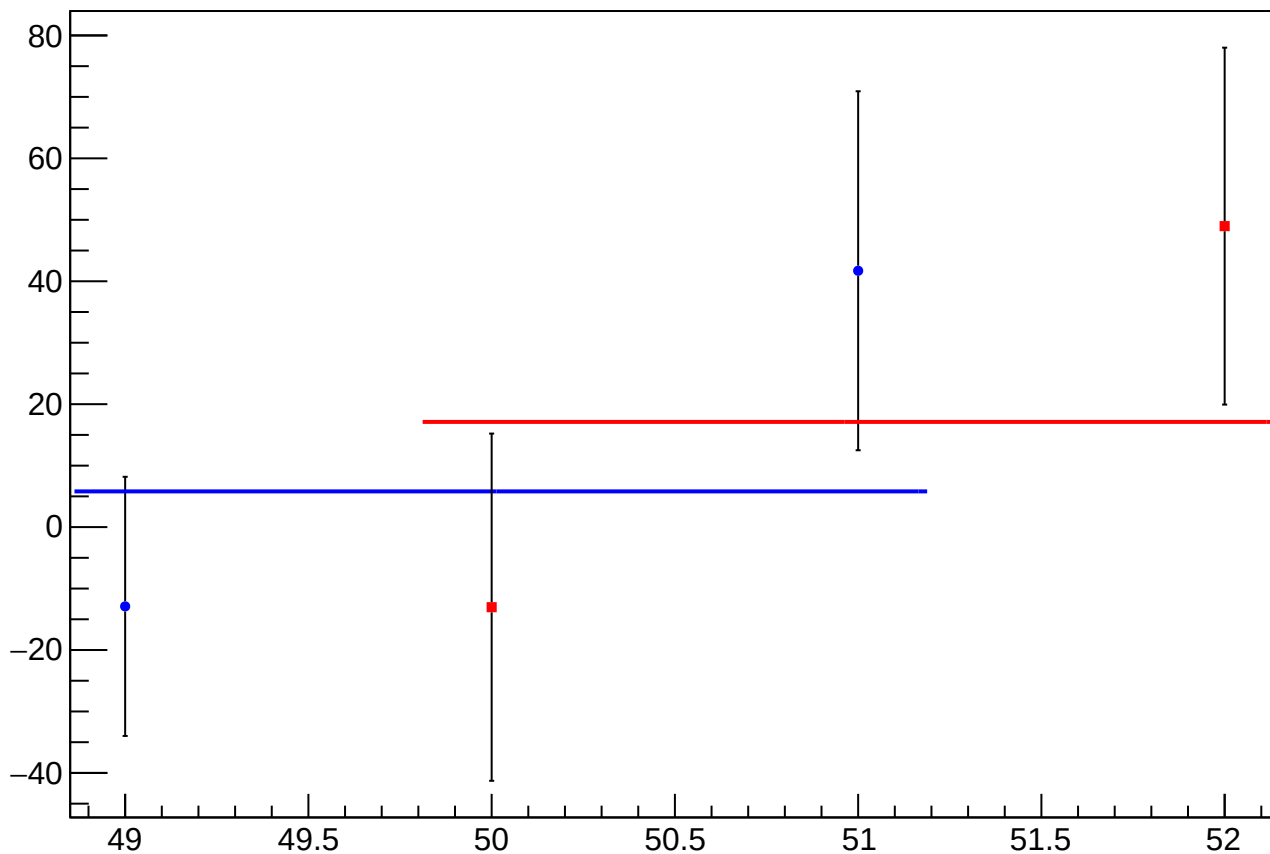
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149.274 $\pm$ 0.069 χ^2 /NDF: 67380.4/3

Right Out: 154.550 $\pm$ 0.109 χ^2 /NDF: 44361.8/1

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

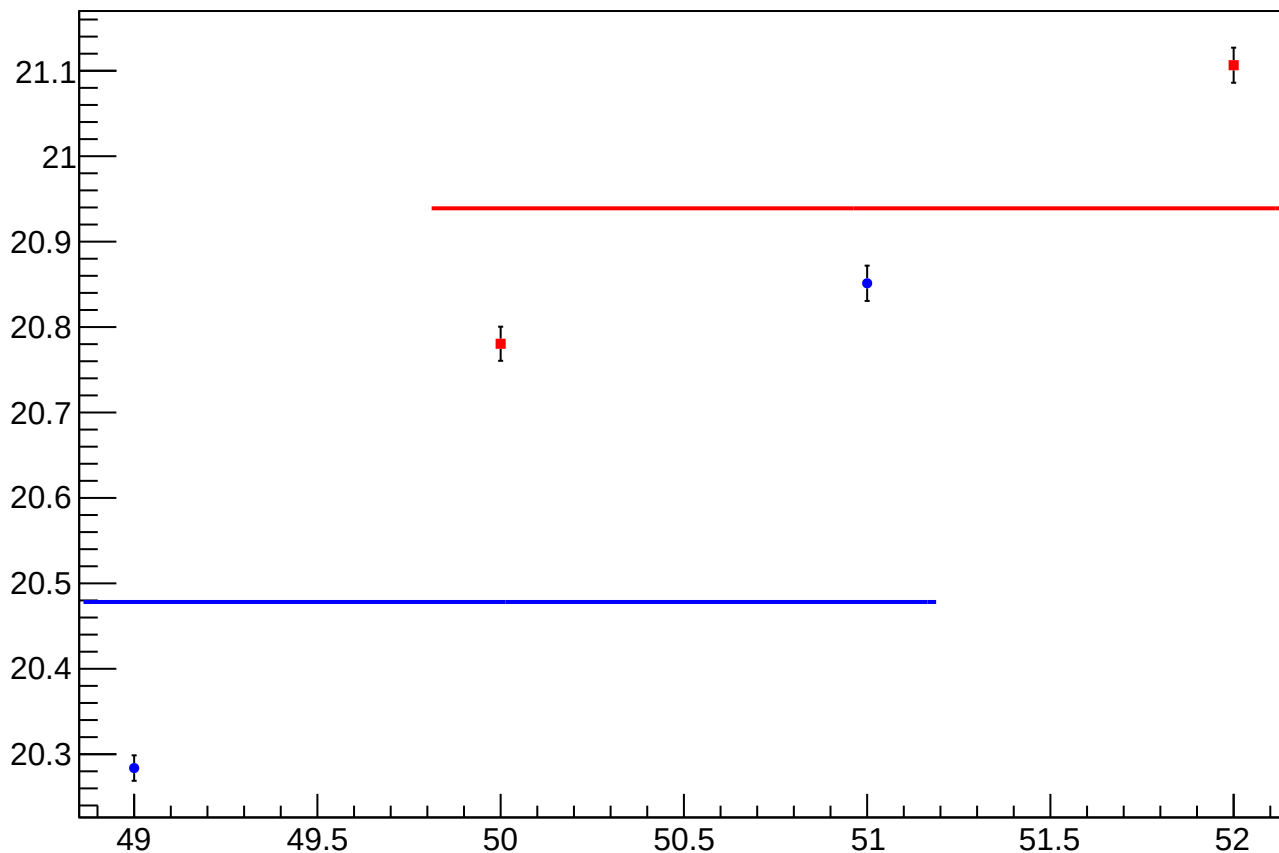
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10.515+/-13.062 χ^2 /NDF: 4.8/3

Right Out: 17.117+/-20.248 χ^2 /NDF: 2.3/1

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.478+/-0.012 χ^2 /NDF: 496.3/1

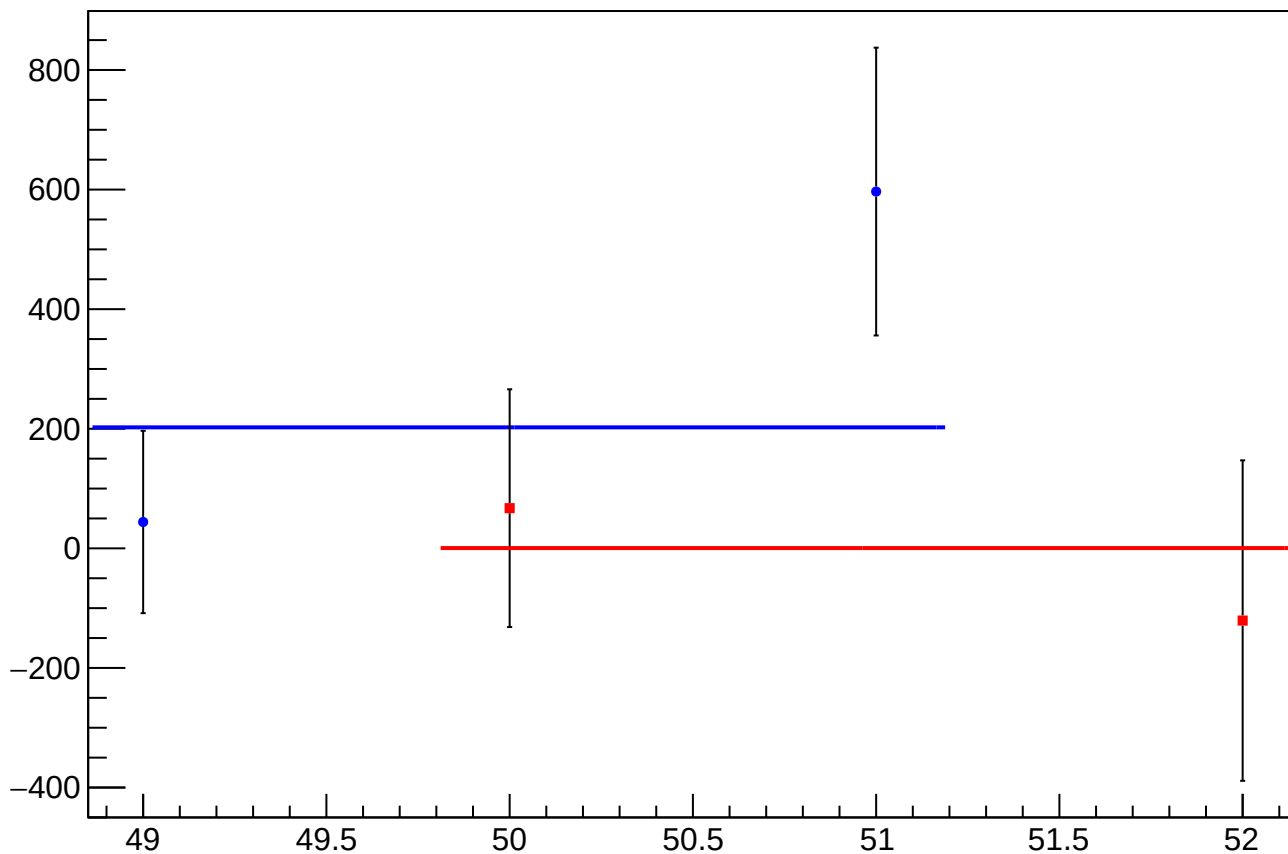
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

20.670+/-0.009 χ^2 /NDF: 1230.6/3

Right Out: 20.939+/-0.014 χ^2 /NDF: 129.6/1

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

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 202.368 $\pm$ 128.803 χ^2 /NDF: 3.8/1

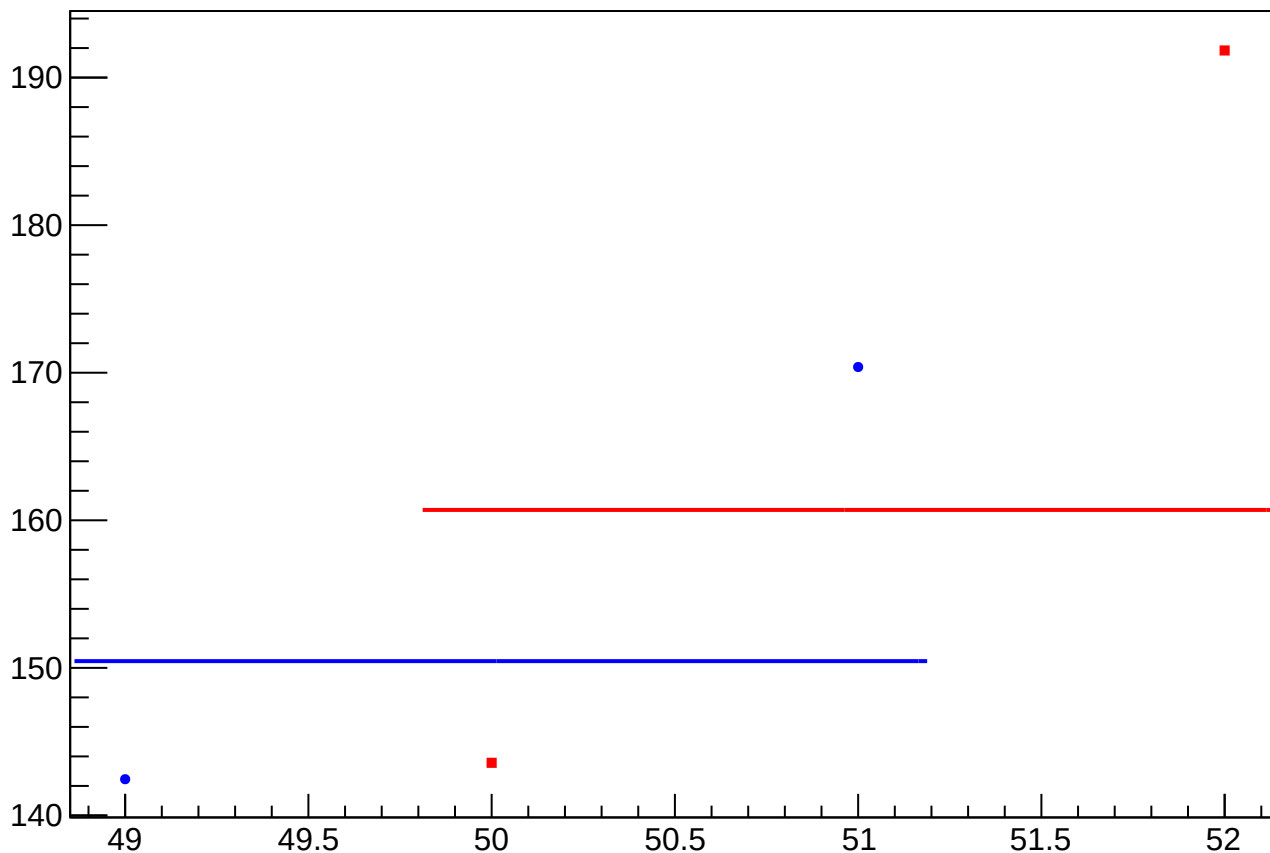
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

122.770 $\pm$ 100.247 χ^2 /NDF: 5.0/3

Right Out: 0.474 $\pm$ 159.654 χ^2 /NDF: 0.3/1

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

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 150.457+/-0.091 χ^2/NDF : 19224.2/1

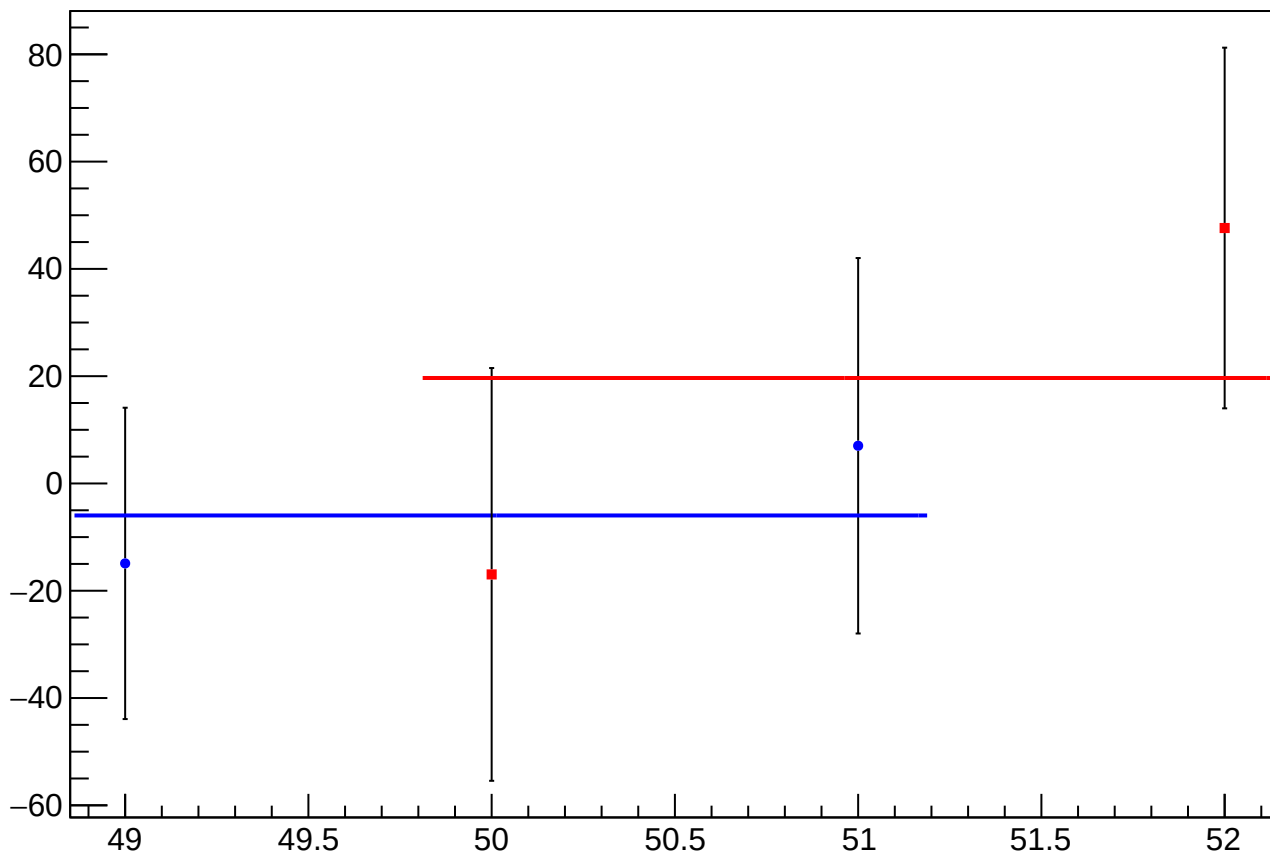
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

154.497+/-0.071 χ^2/NDF : 66073.6/3

Right Out: 160.703+/-0.113 χ^2/NDF : 41859.6/1

Left In: 0.000+/-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

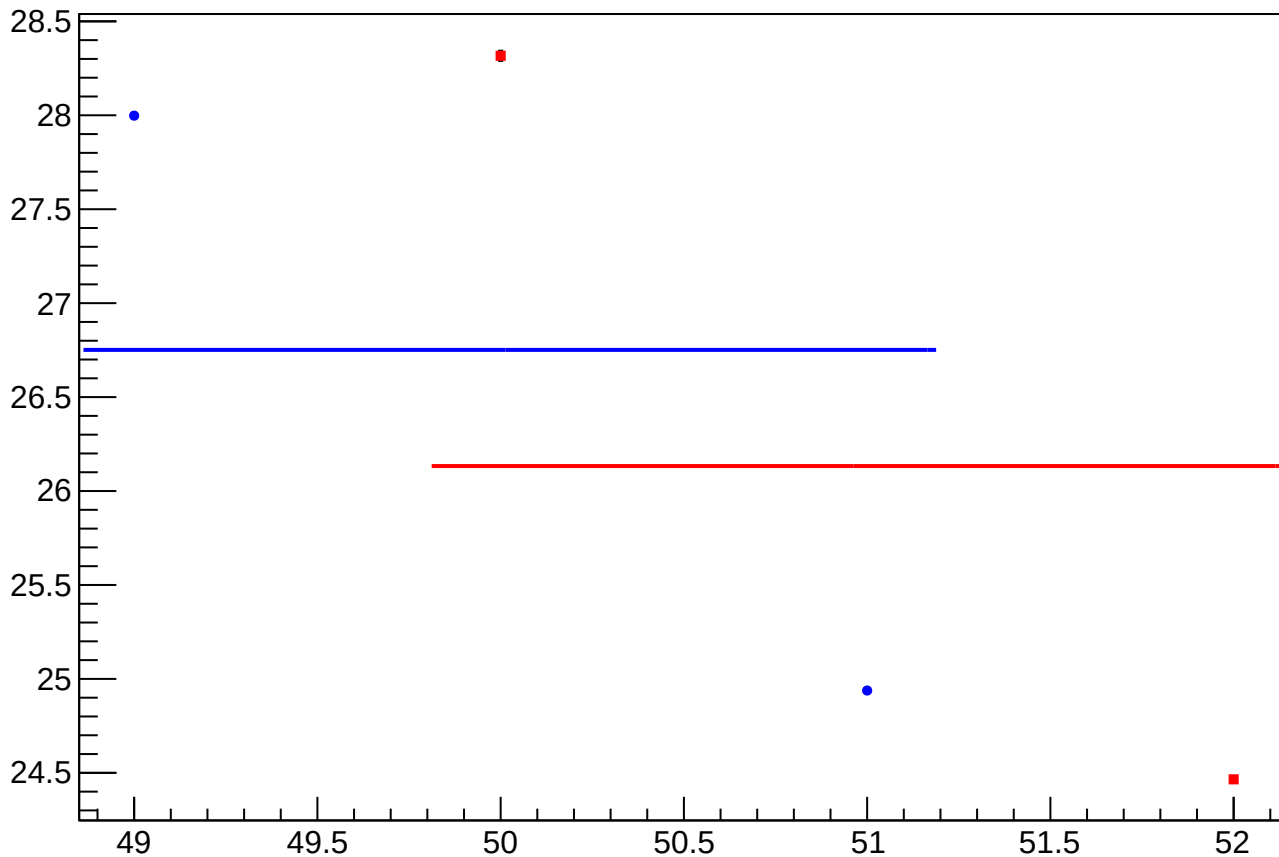
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.661+/-25.316 χ^2/NDF : 1.6/1

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

5.252+/-16.750 χ^2/NDF : 2.4/3

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 26.751 $\pm$ 0.016 χ^2 /NDF: 9060.2/1

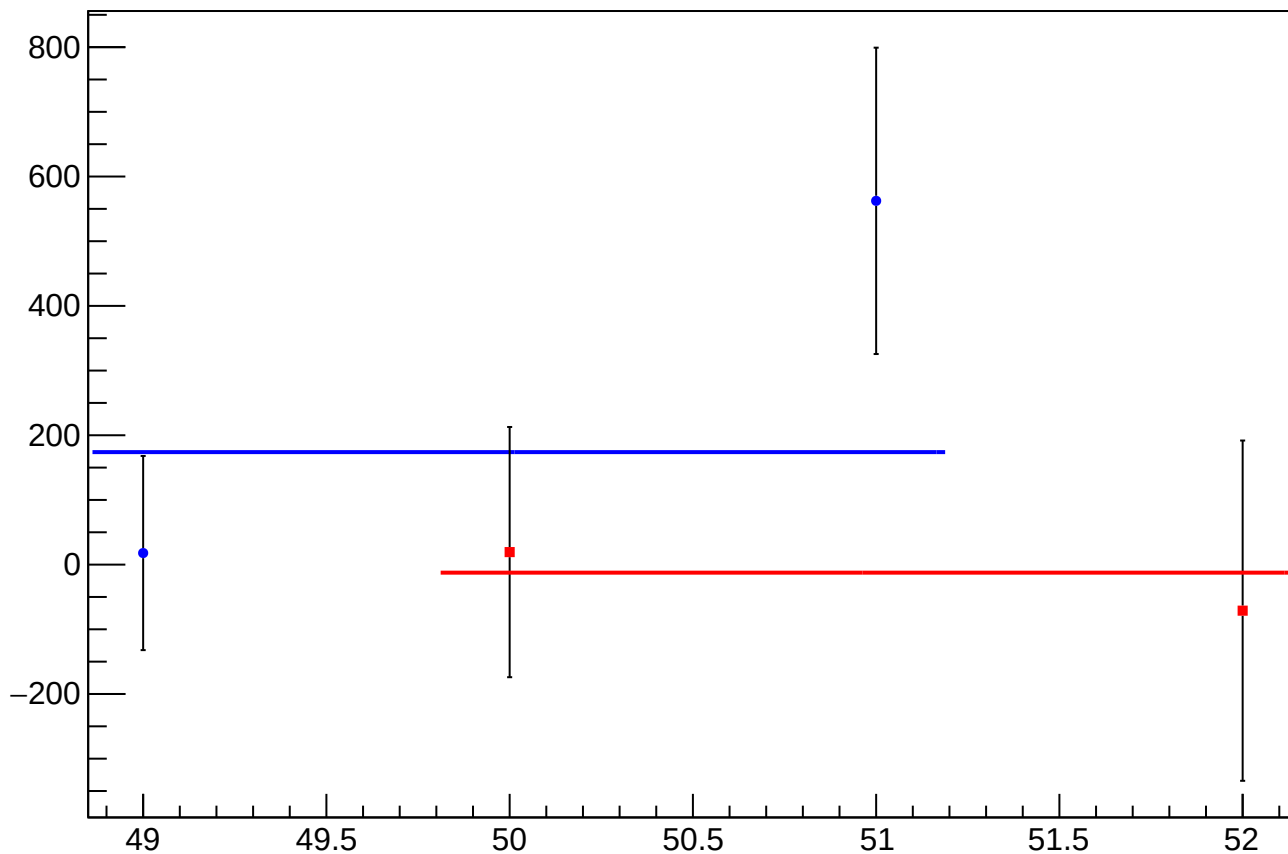
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

26.481 $\pm$ 0.012 χ^2 /NDF: 21094.5/3

Right Out: 26.133 $\pm$ 0.018 χ^2 /NDF: 11363.4/1

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+/-126.769 χ^2 /NDF: 3.8/1

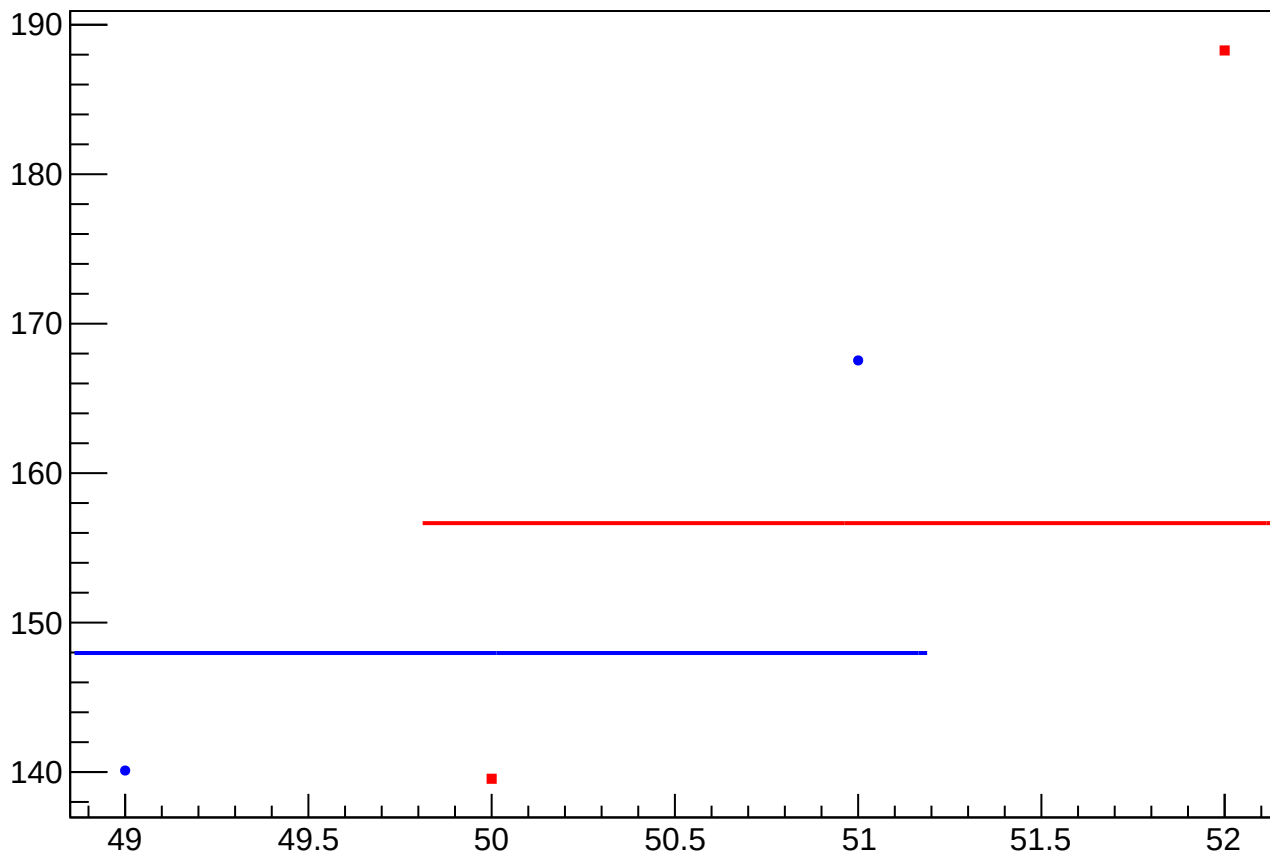
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.417+/-155.827 χ^2 /NDF: 0.1/1

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

99.718+/-98.338 χ^2 /NDF: 4.7/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 147.965 $\pm$ 0.090 χ^2 /NDF: 19156.9/1

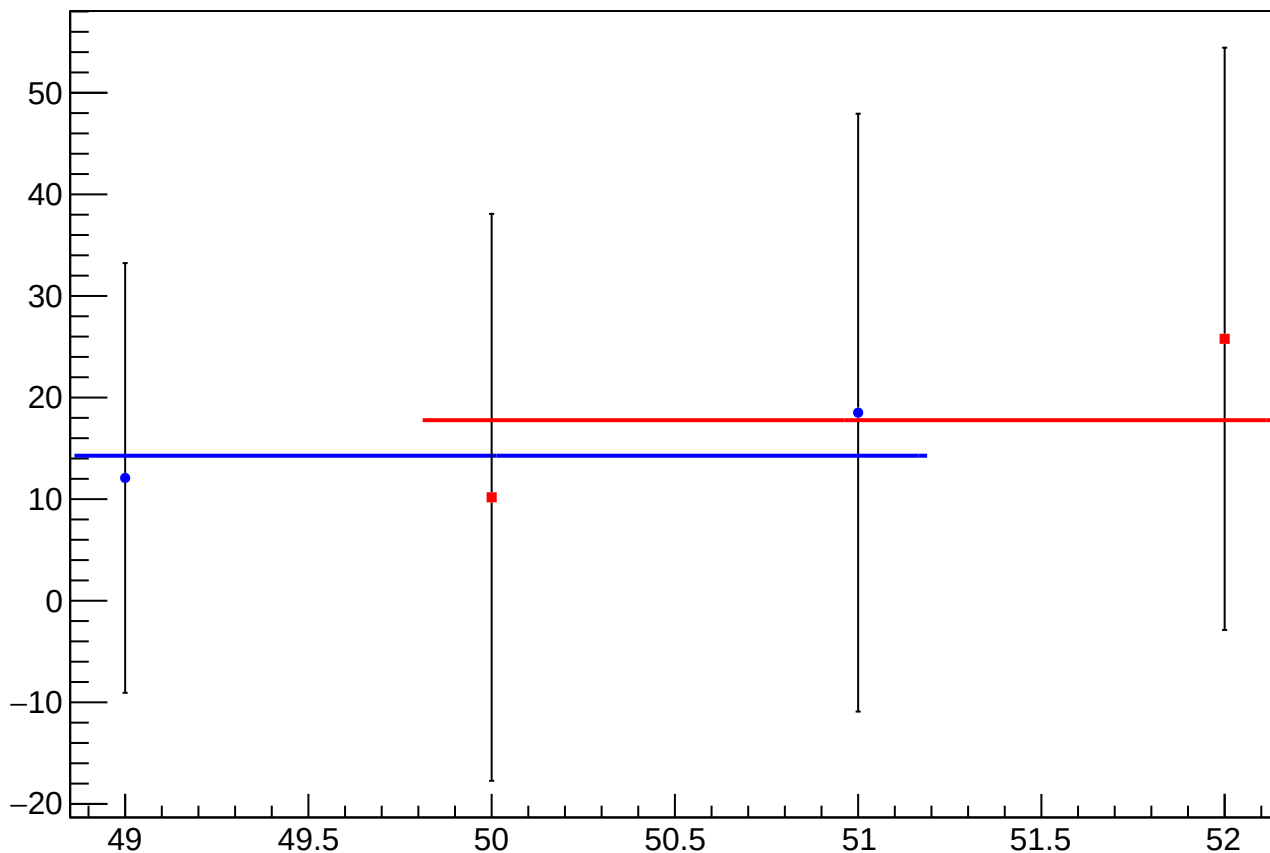
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151.426 $\pm$ 0.070 χ^2 /NDF: 67451.9/3

Right Out: 156.655 $\pm$ 0.110 χ^2 /NDF: 44552.0/1

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 14.274+/-17.174 χ^2/NDF : 0.0/1

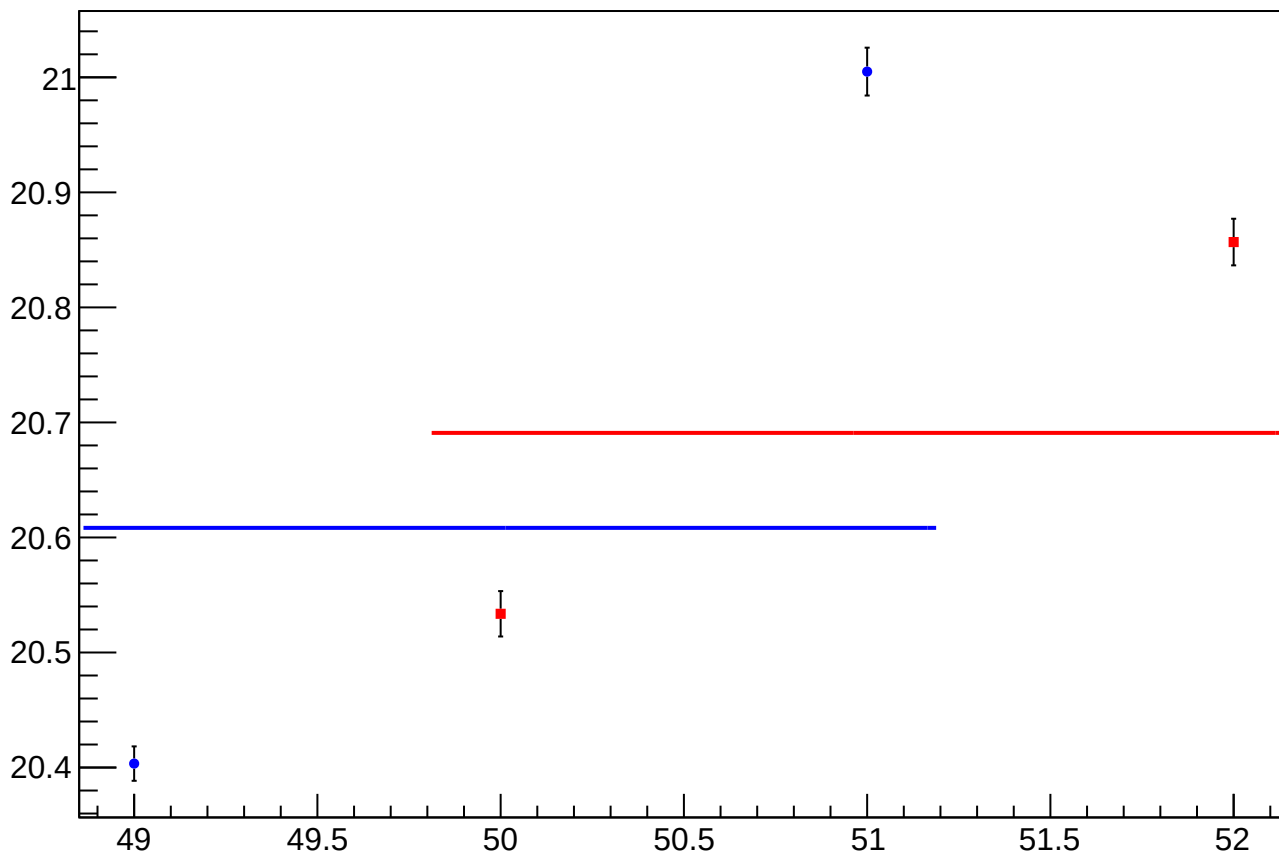
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.759+/-13.027 χ^2/NDF : 0.2/3

Right Out: 17.772+/-19.992 χ^2/NDF : 0.2/1

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.608+/-0.012 χ^2 /NDF: 551.1/1

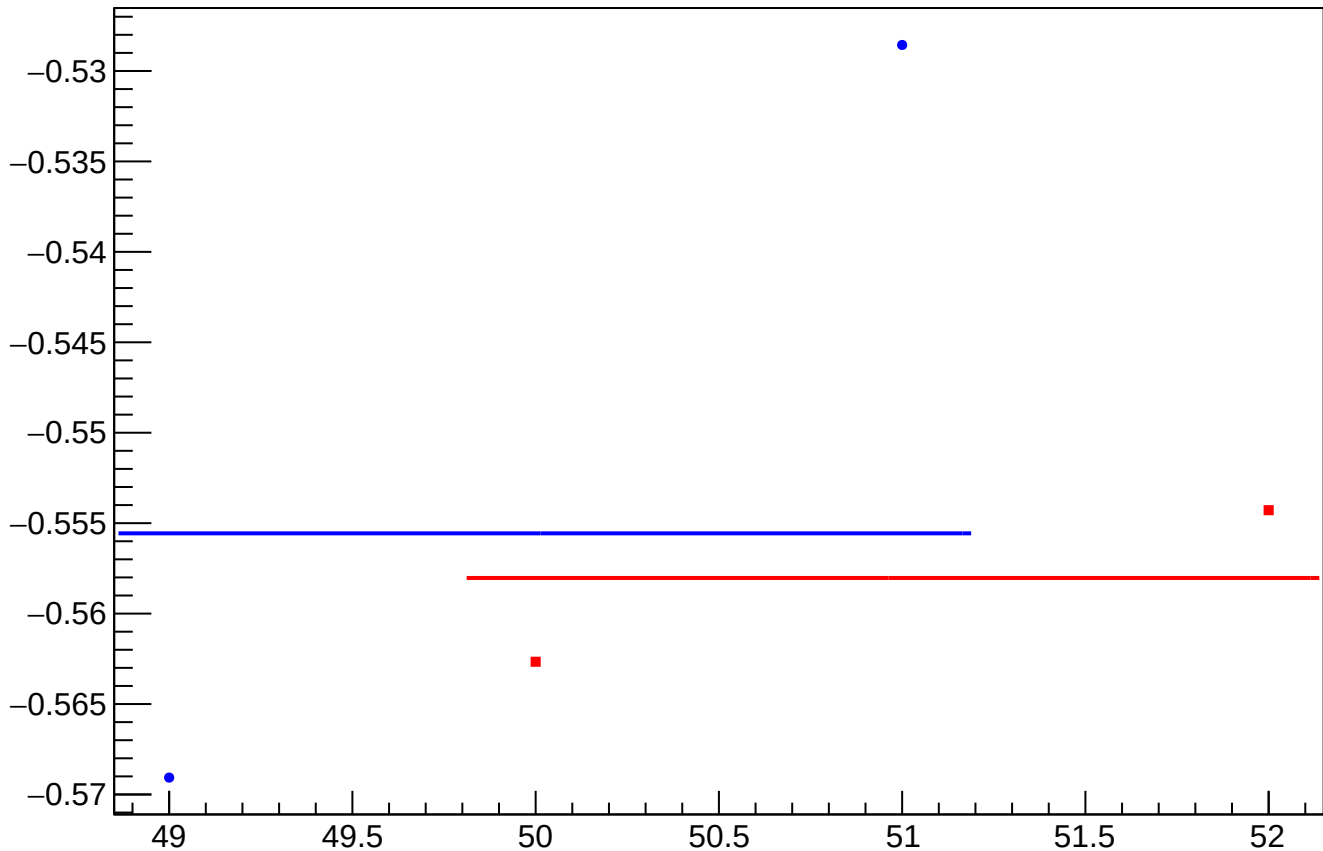
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

20.643+/-0.009 χ^2 /NDF: 701.3/3

Right Out: 20.691+/-0.014 χ^2 /NDF: 130.6/1

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

yield_bpm0l01X_mean vs slug



Right In: -0.556+/-0.000 χ^2/NDF : 4341711.0/1

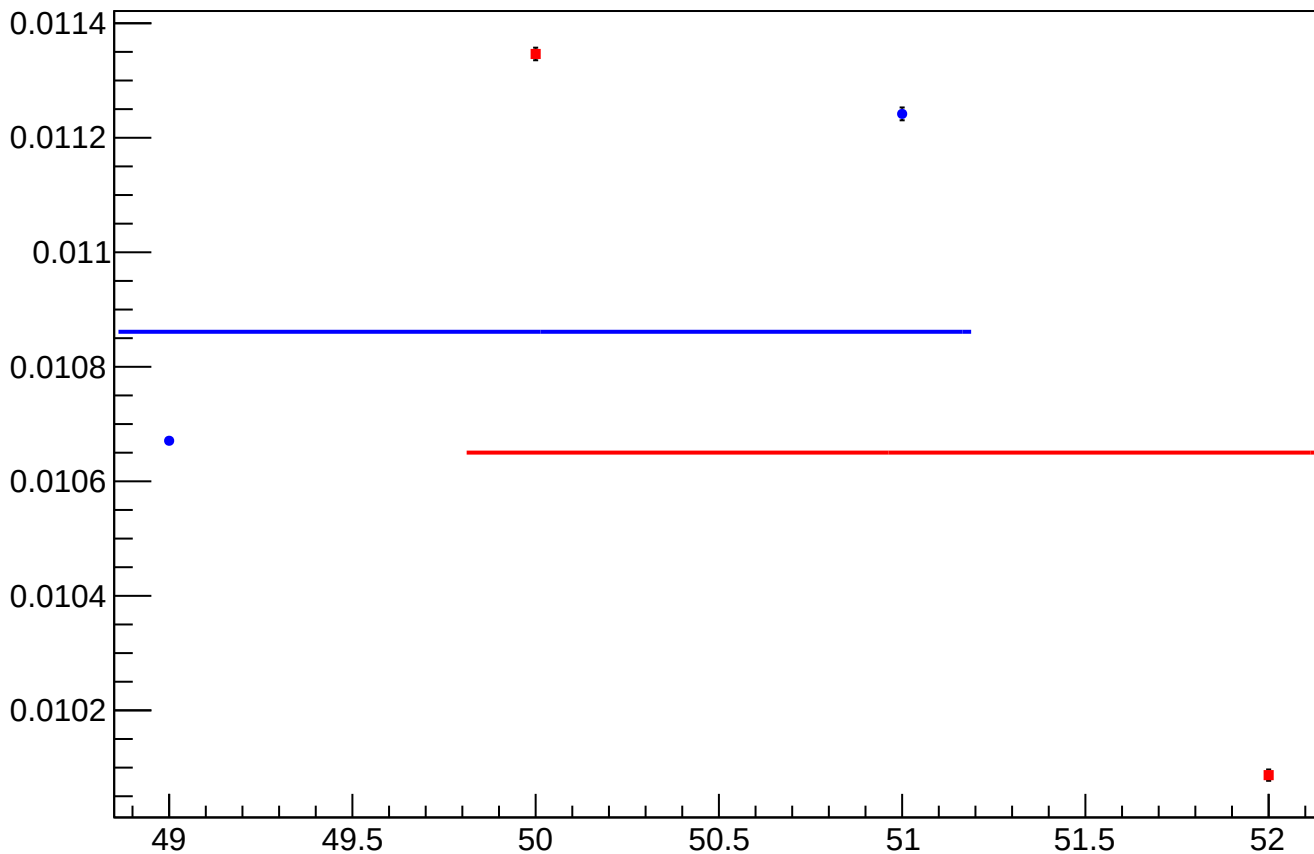
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.557+/-0.000 χ^2/NDF : 4533986.3/3

Right Out: -0.558+/-0.000 χ^2/NDF : 160575.1/1

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

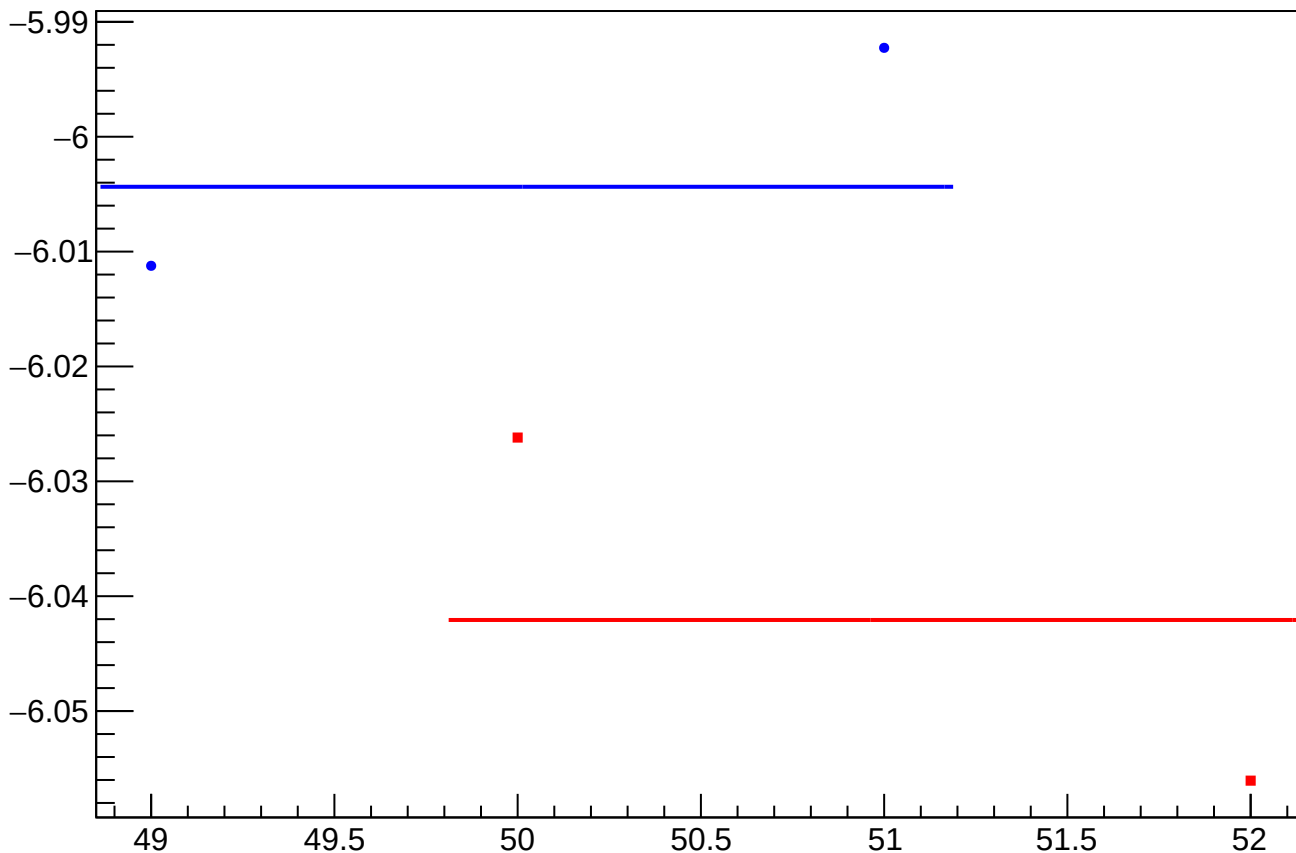
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 7256.1/1

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

0.011+/-0.000 χ^2/NDF : 9444.5/3

yield_bpm0l01Y_mean vs slug



Right In: -6.004 $\pm$ 0.000 χ^2 /NDF: 1160915.2/1

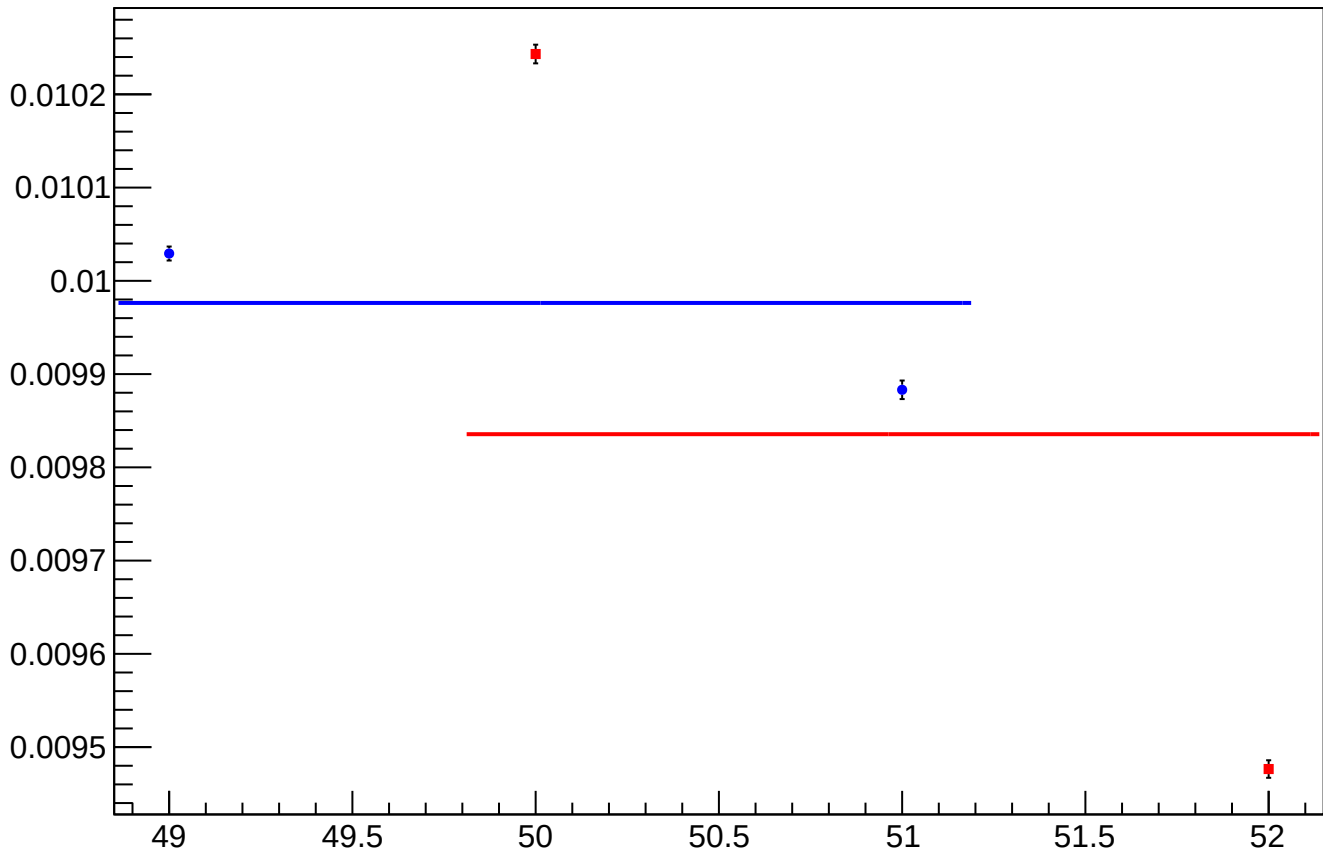
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.021 $\pm$ 0.000 χ^2 /NDF: 12107043.0/3

Right Out: -6.042 $\pm$ 0.000 χ^2 /NDF: 2362646.6/1

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

yield_bpm0l01Y_rms vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 137.7/1

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

0.010 $\pm$ 0.000 χ^2 /NDF: 3490.8/3

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 3114.0/1

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