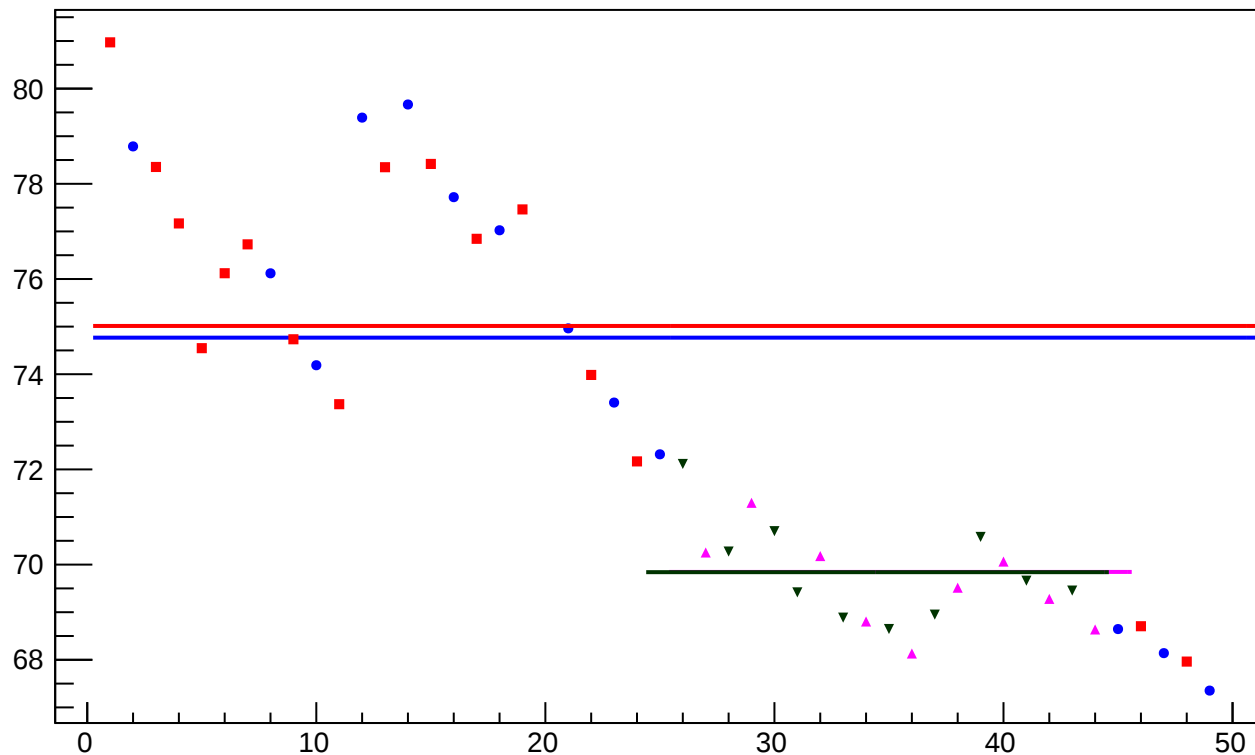


yield_usl_mean vs slug



Right In: 74.768+/-0.000

χ^2/NDF : 8317490939.4/12

Left Out: 69.841+/-0.000

χ^2/NDF : 215220633.1/9

Right Out: 75.014+/-0.000

χ^2/NDF : 4541785313.8/15

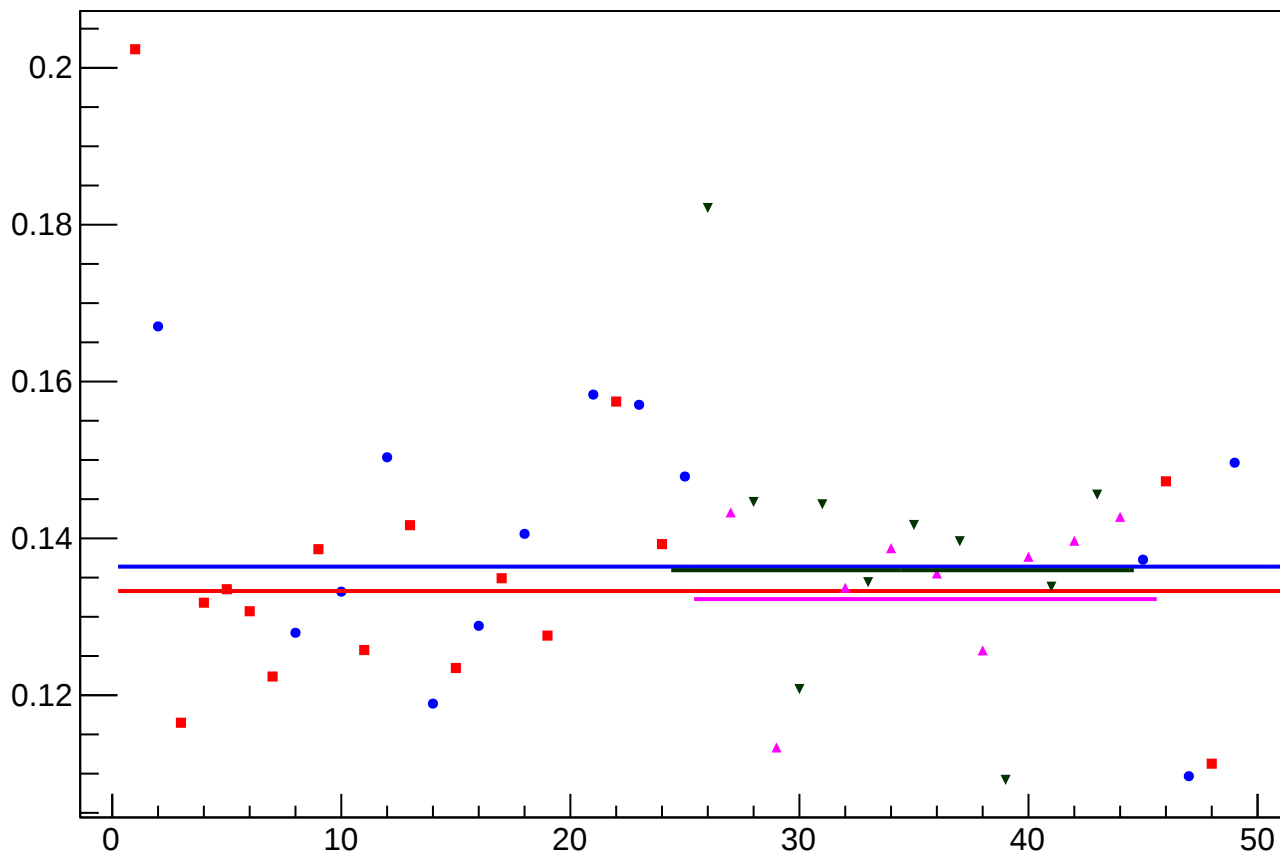
72.847+/-0.000

χ^2/NDF : 22036886057.1/47

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.136+/-0.000 χ^2/NDF : 237507.2/12

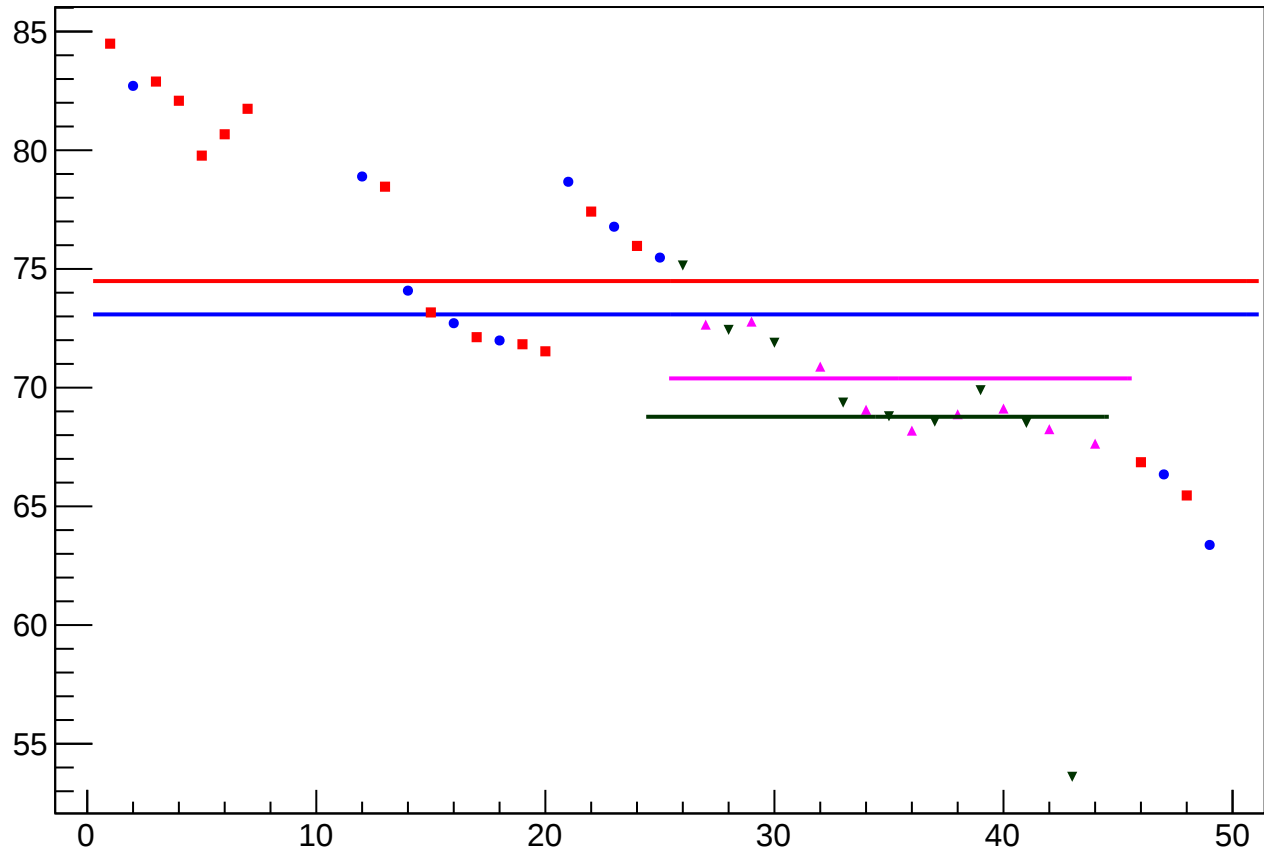
Left Out: 0.136+/-0.000 χ^2/NDF : 142177.4/9

Right Out: 0.133+/-0.000 χ^2/NDF : 229199.0/15

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

0.135+/-0.000 χ^2/NDF : 685638.4/47

yield_usr_mean vs slug



Right In: 73.085+/-0.000 χ^2/NDF : 26908576860.5/9

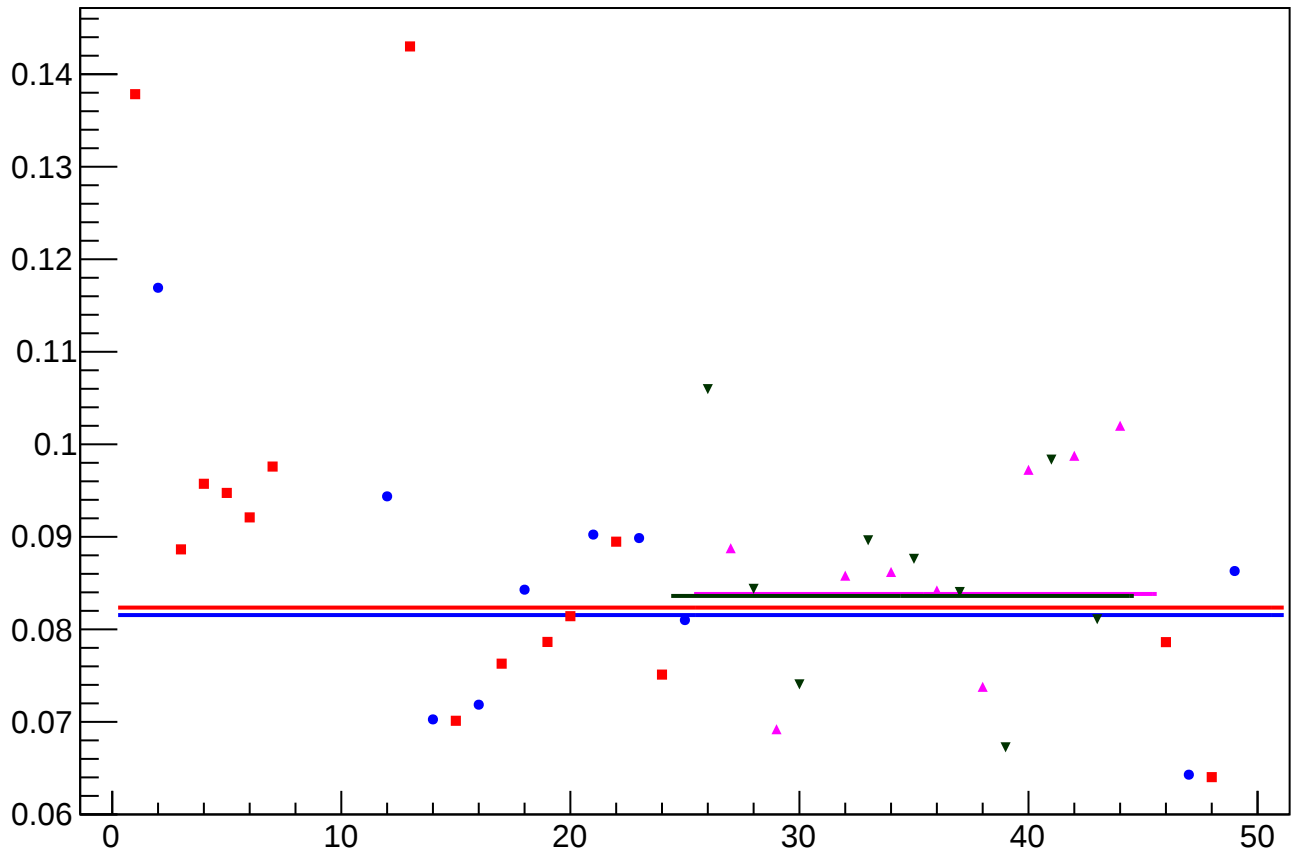
Left Out: 68.774+/-0.000 χ^2/NDF : 18384925742.4/8

Right Out: 74.489+/-0.000 χ^2/NDF : 26056161231.5/14

Left In: 70.389+/-0.000 χ^2/NDF : 2703253615.7/8

71.970+/-0.000 χ^2/NDF : 88683546249.9/42

yield_usr_rms vs slug



Right In: 0.082+/-0.000 χ^2/NDF : 341269.5/9

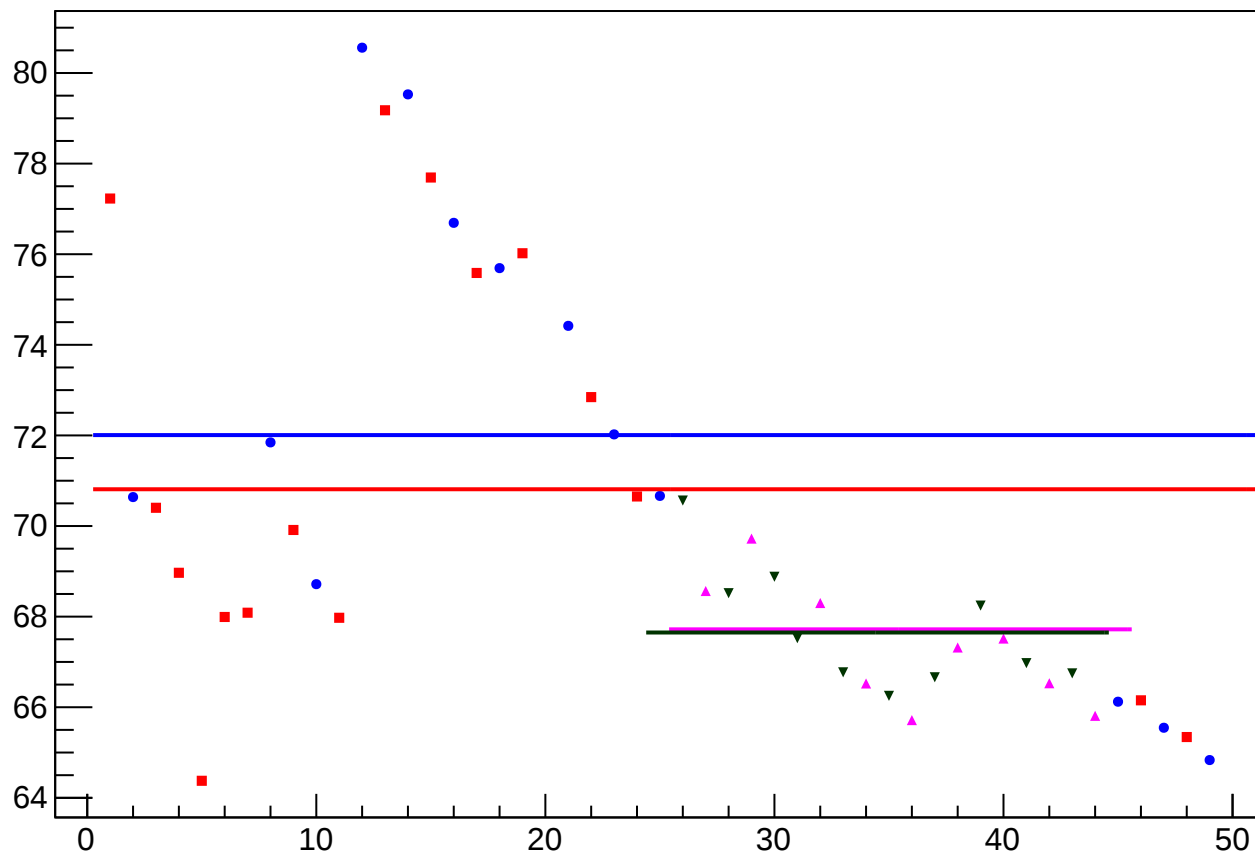
Left Out: 0.084+/-0.000 χ^2/NDF :137218.0/8

0.083+/-0.000 χ^2/NDF : 1085541.3/42

Right Out: 0.082+/-0.000 χ^2/NDF : 439485.3/14

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

yield_dsl_mean vs slug



Right In: 72.007+/-0.000 χ^2/NDF : 11532498953.6/12

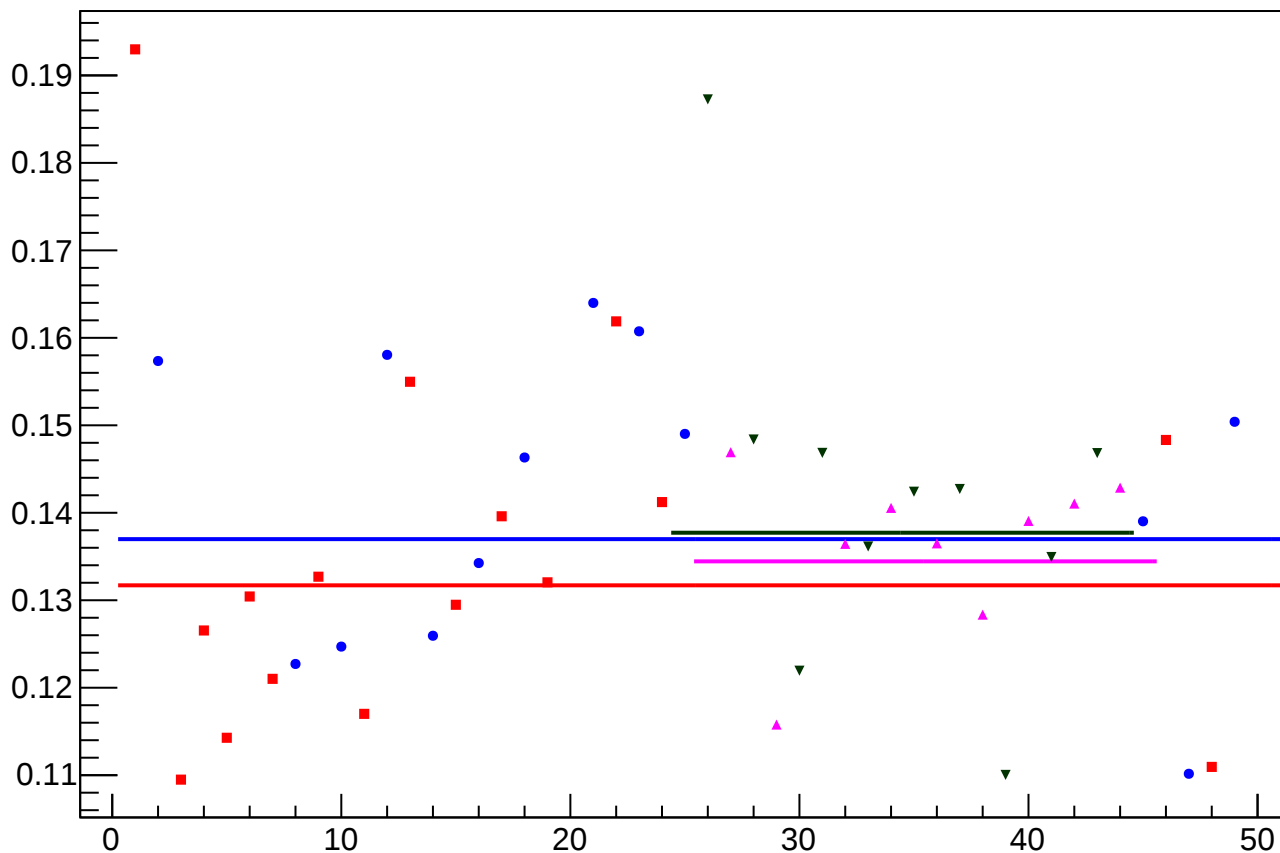
Left Out: 67.650+/-0.000 χ^2/NDF : 329789627.8/9

Right Out: 70.812+/-0.000 χ^2/NDF : 6923815196.0/15

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

69.947+/-0.000 χ^2/NDF : 24337311516.5/47

yield_dsl_rms vs slug



Right In: 0.137+/-0.000 χ^2/NDF : 234422.7/12

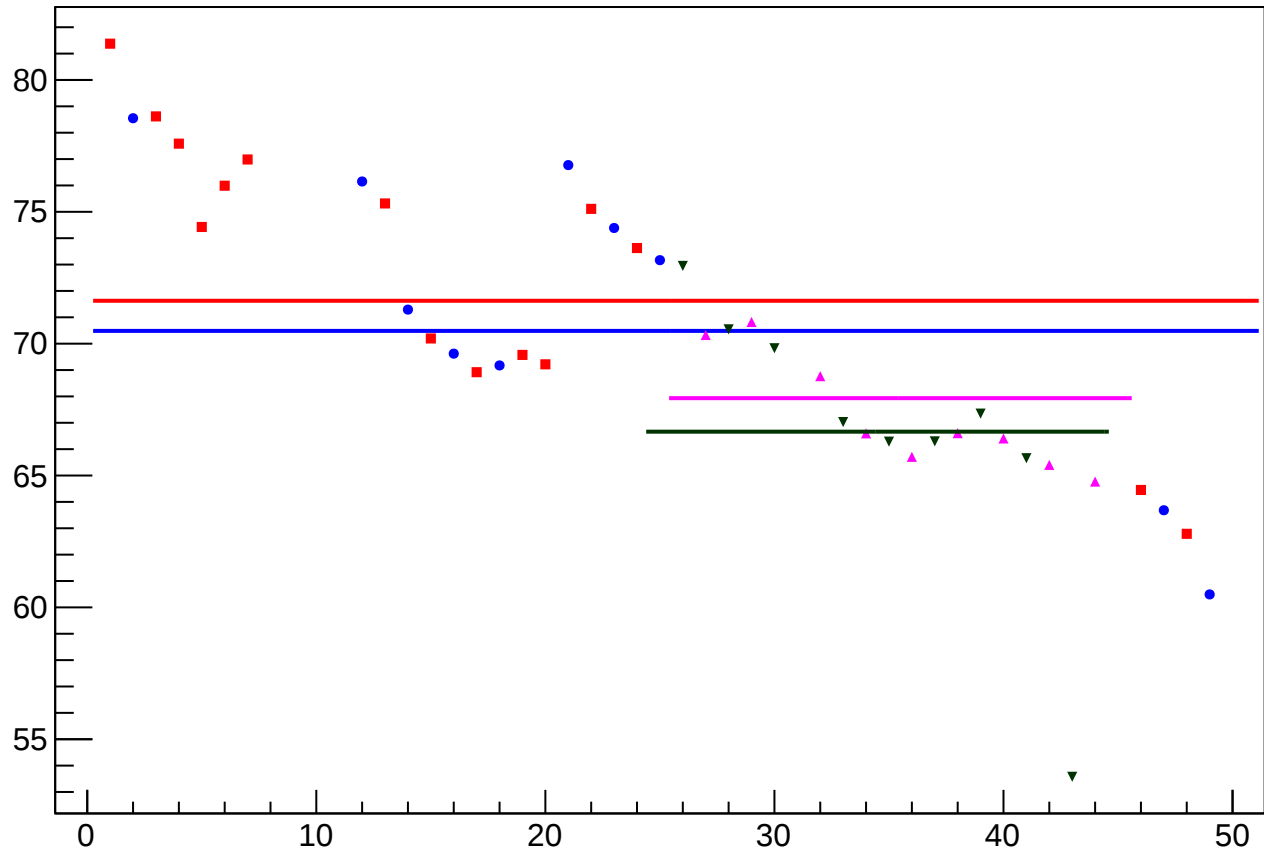
Left Out: 0.138+/-0.000 χ^2/NDF : 153609.8/9

Right Out: 0.132+/-0.000 χ^2/NDF : 264044.4/15

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

0.135+/-0.000 χ^2/NDF : 731918.9/47

yield_dsr_mean vs slug



Right In: 70.485+/-0.000 χ^2 /NDF: 27129327966.9/9

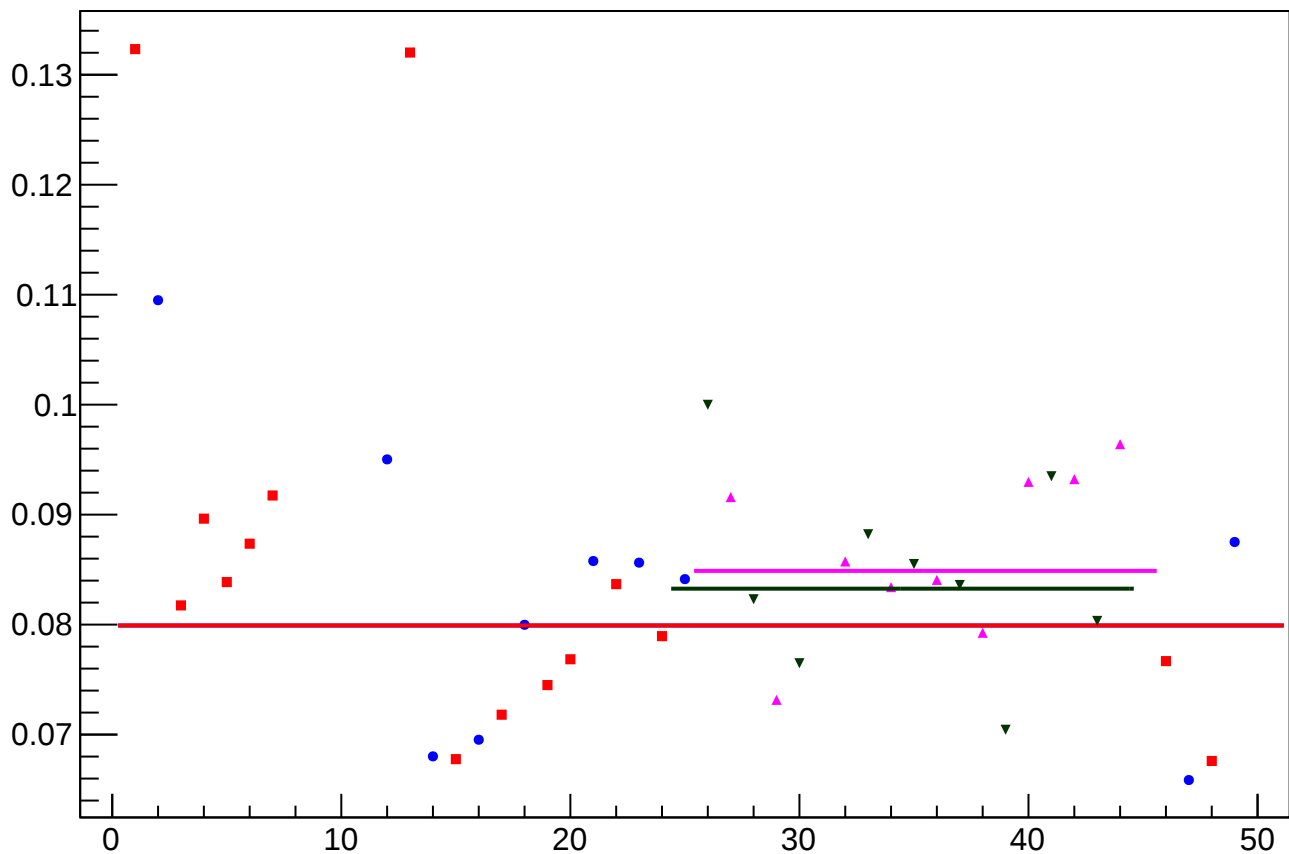
Left Out: 66.663+/-0.000 χ^2 /NDF: 15457516618.3/8

Right Out: 71.627+/-0.000 χ^2 /NDF: 22369384183.6/14

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

69.482+/-0.000 χ^2 /NDF: 80143974497.1/42

yield_dsr_rms vs slug



Right In: 0.080 $\pm$ 0.000 χ^2 /NDF: 304524.5/9

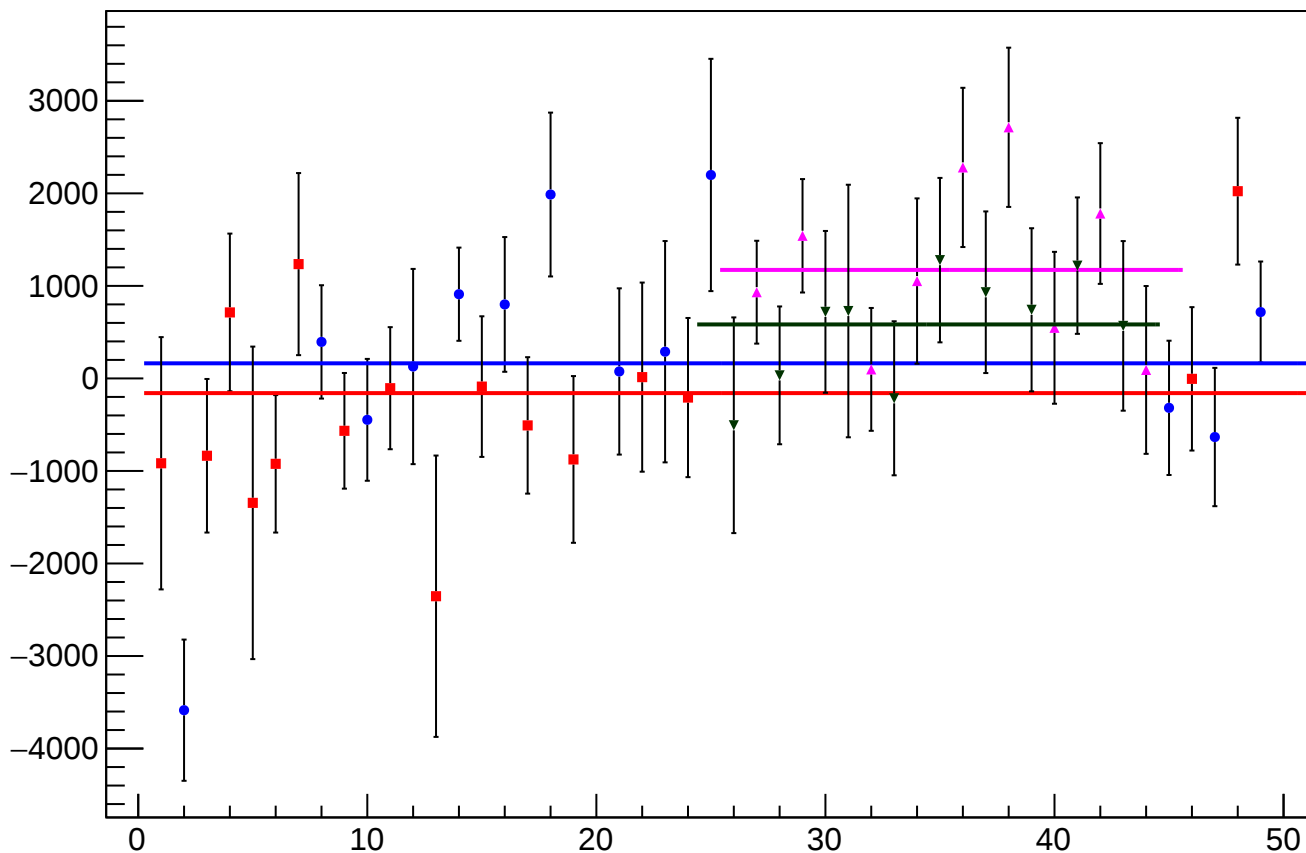
Left Out: 0.083 $\pm$ 0.000 χ^2 /NDF: 78459.0/8

Right Out: 0.080 $\pm$ 0.000 χ^2 /NDF: 355206.3/14

Left In: 0.085 $\pm$ 0.000 χ^2 /NDF: 81161.1/8

0.082 $\pm$ 0.000 χ^2 /NDF: 848539.0/42

asym_usl_mean vs slug



Right In: 163.211 $\pm$ 202.830 χ^2 /NDF: 37.6/12

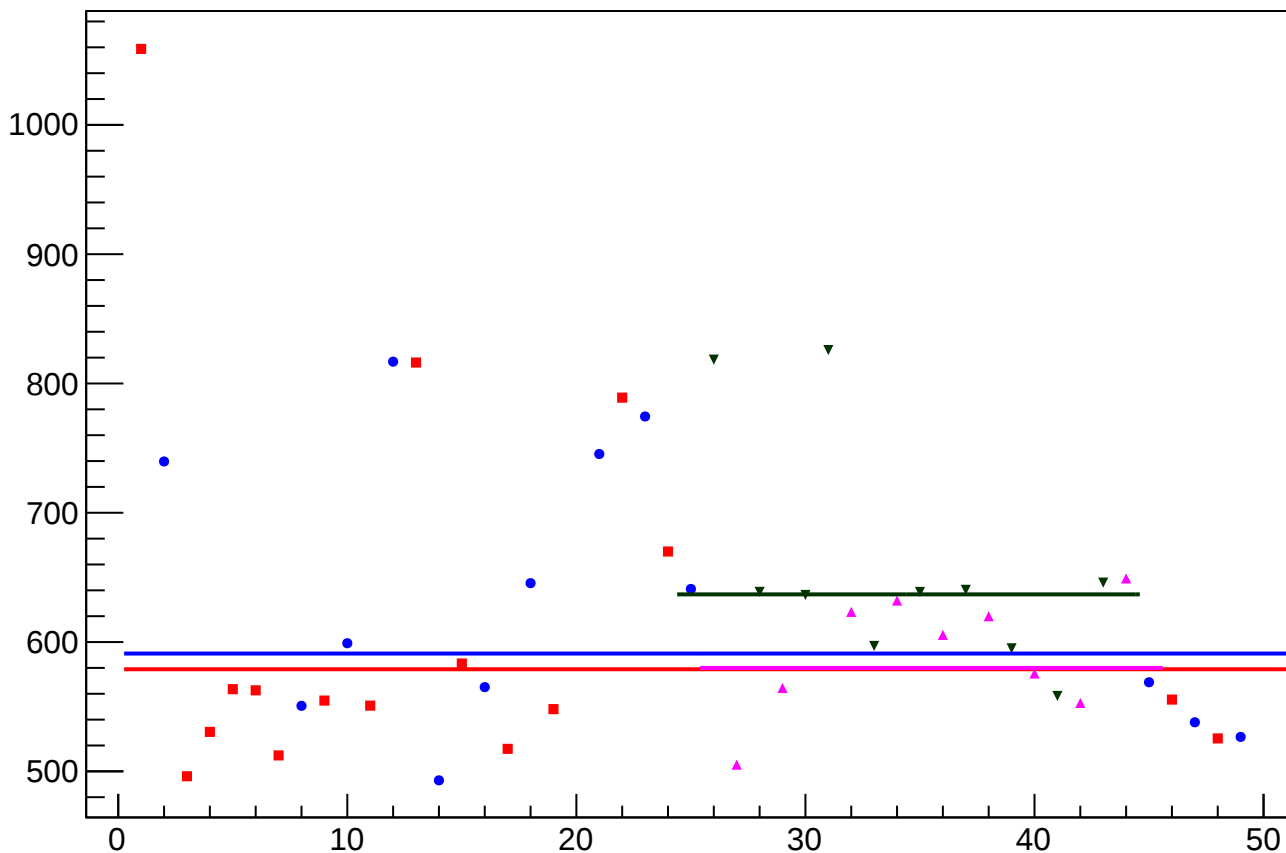
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

Right Out: -158.713 $\pm$ 212.136 χ^2 /NDF: 16.6/15

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

359.812 $\pm$ 114.855 χ^2 /NDF: 87.3/47

asym_usl_rms vs slug



Right In: 591.112+/-0.143 χ^2/NDF : 411440.1/12

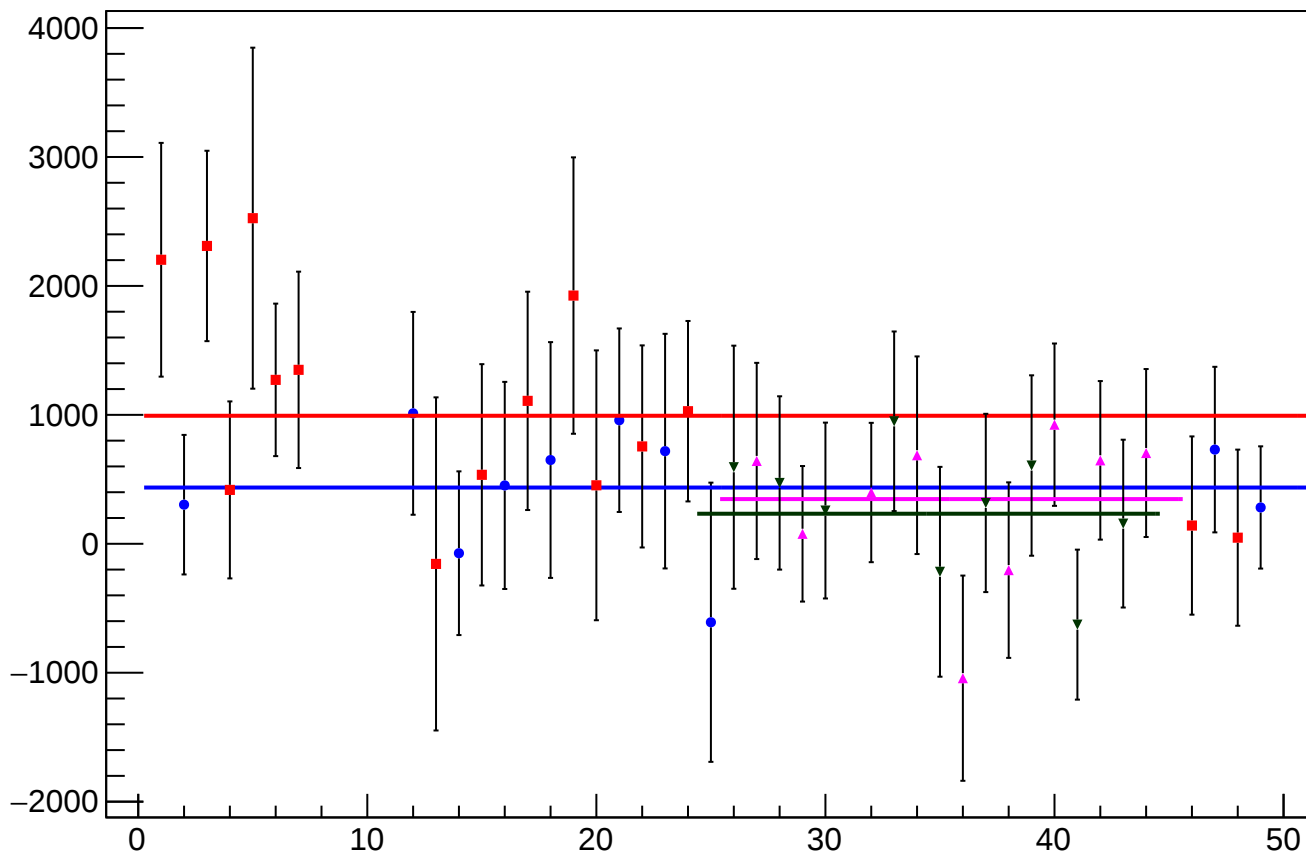
Left Out: 636.880+/-0.198 χ^2/NDF :118921.2/9

592.800+/-0.081 χ^2/NDF : 1141044.1/47

Right Out: 578.964+/-0.150 χ^2/NDF : 473939.3/15

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

asym_usr_mean vs slug



Right In: 436.317 $\pm$ 217.349 χ^2 /NDF: 3.2/9

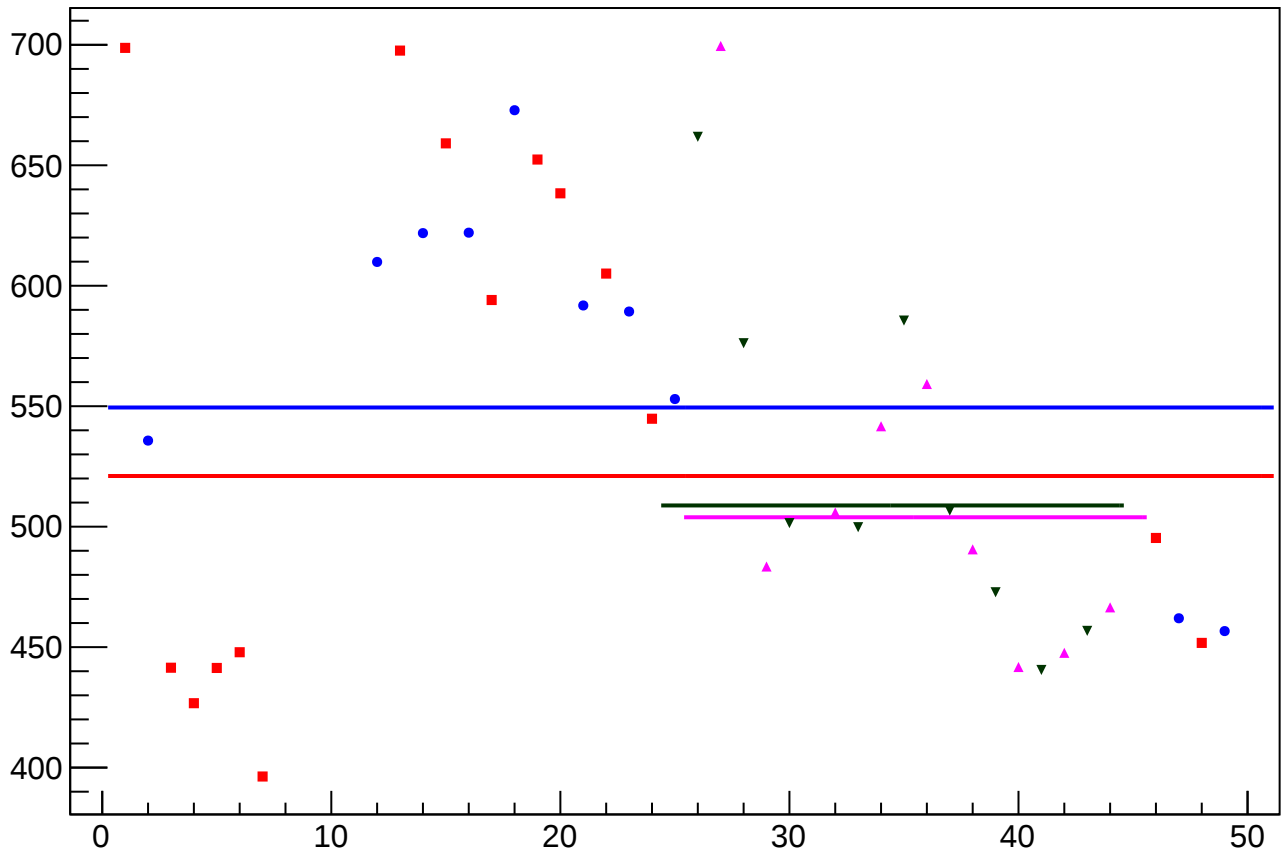
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF: 4.1/8

Right Out: 992.972 $\pm$ 206.853 χ^2 /NDF: 13.1/14

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

522.435 $\pm$ 108.602 χ^2 /NDF: 33.7/42

asym_usr_rms vs slug



Right In: 549.469+/-0.154 χ^2/NDF : 216540.6/9

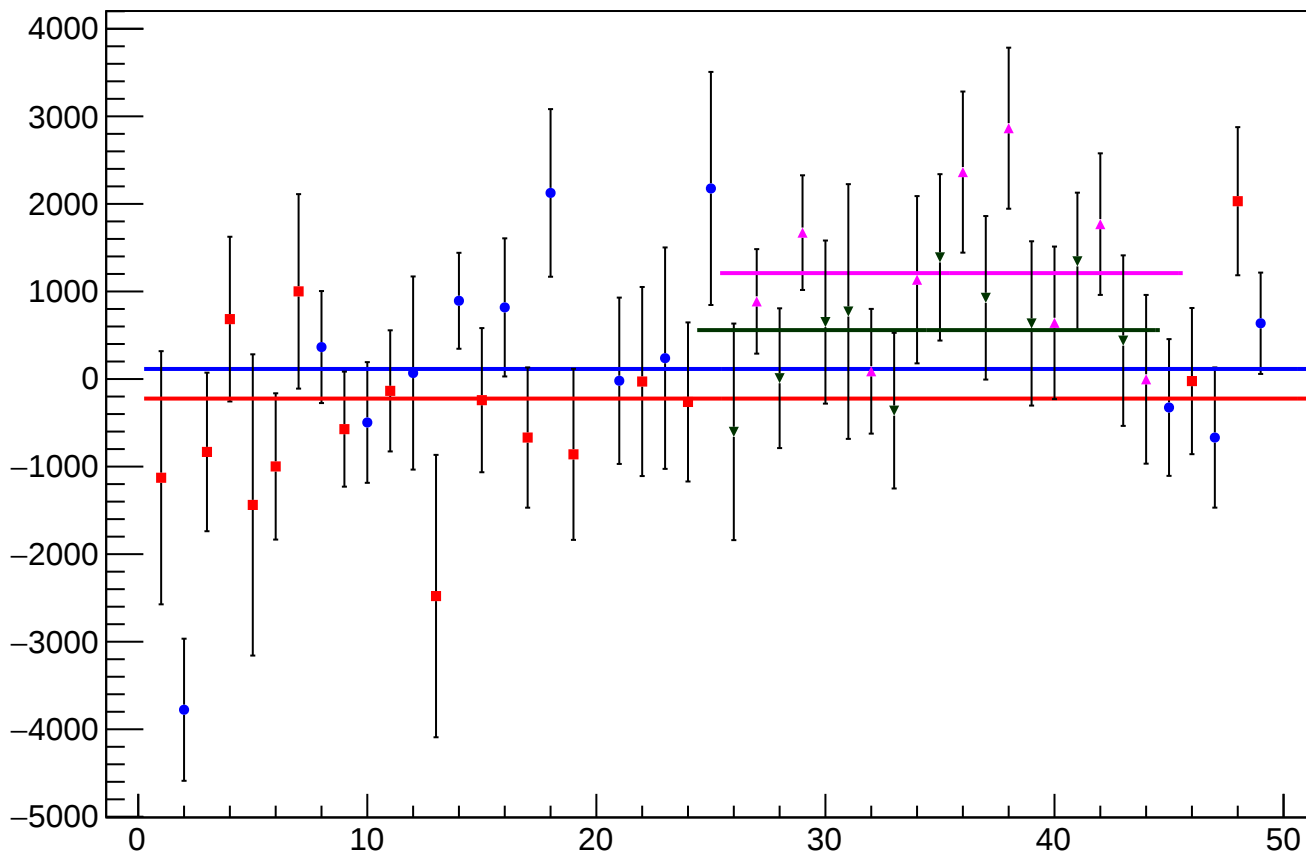
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

Right Out: 521.034+/-0.146 χ^2/NDF : 437160.7/14

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

521.073+/-0.077 χ^2/NDF : 1036371.5/42

asym_dsl_mean vs slug



Right In: 114.930 $\pm$ 216.143 χ^2 /NDF: 35.7/12

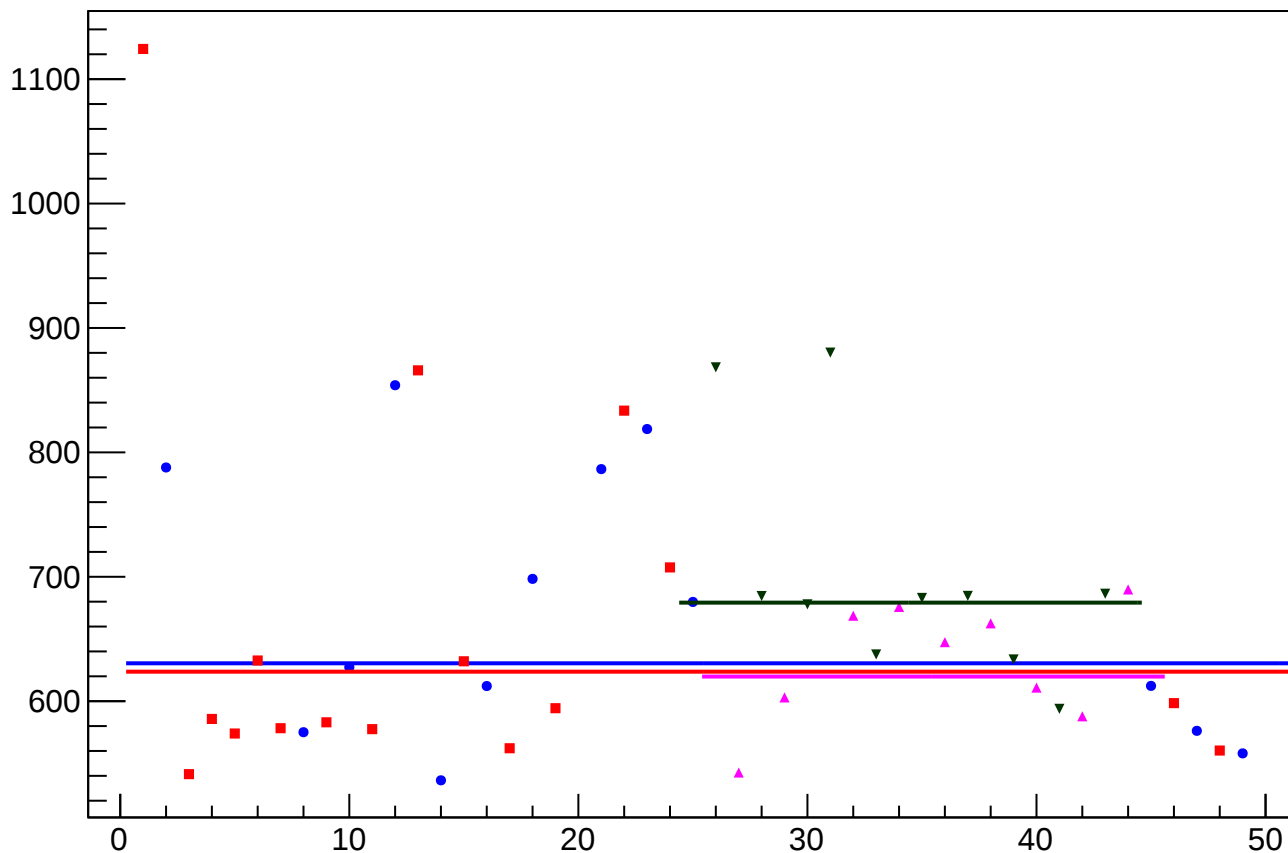
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

Right Out: -223.265 $\pm$ 228.291 χ^2 /NDF: 14.5/15

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

331.386 $\pm$ 122.835 χ^2 /NDF: 83.9/47

asym_dsl_rms vs slug



Right In: 630.469+/-0.153 χ^2/NDF : 385216.1/12

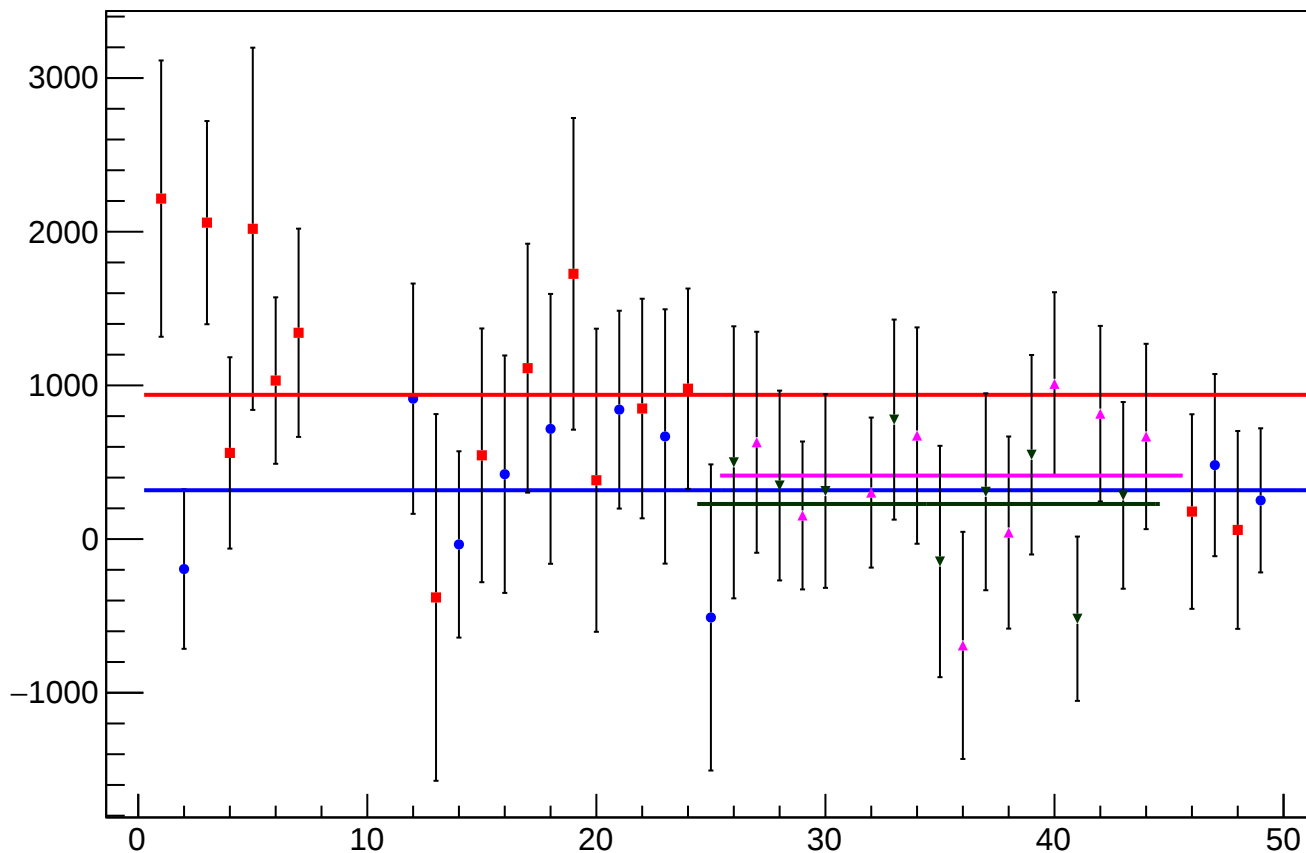
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

Right Out: 623.724+/-0.161 χ^2/NDF : 446001.5/15

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

634.416+/-0.087 χ^2/NDF : 1076522.4/47

asym_dsr_mean vs slug



Right In: 317.773 $\pm$ 206.458 χ^2 /NDF: 3.8/9

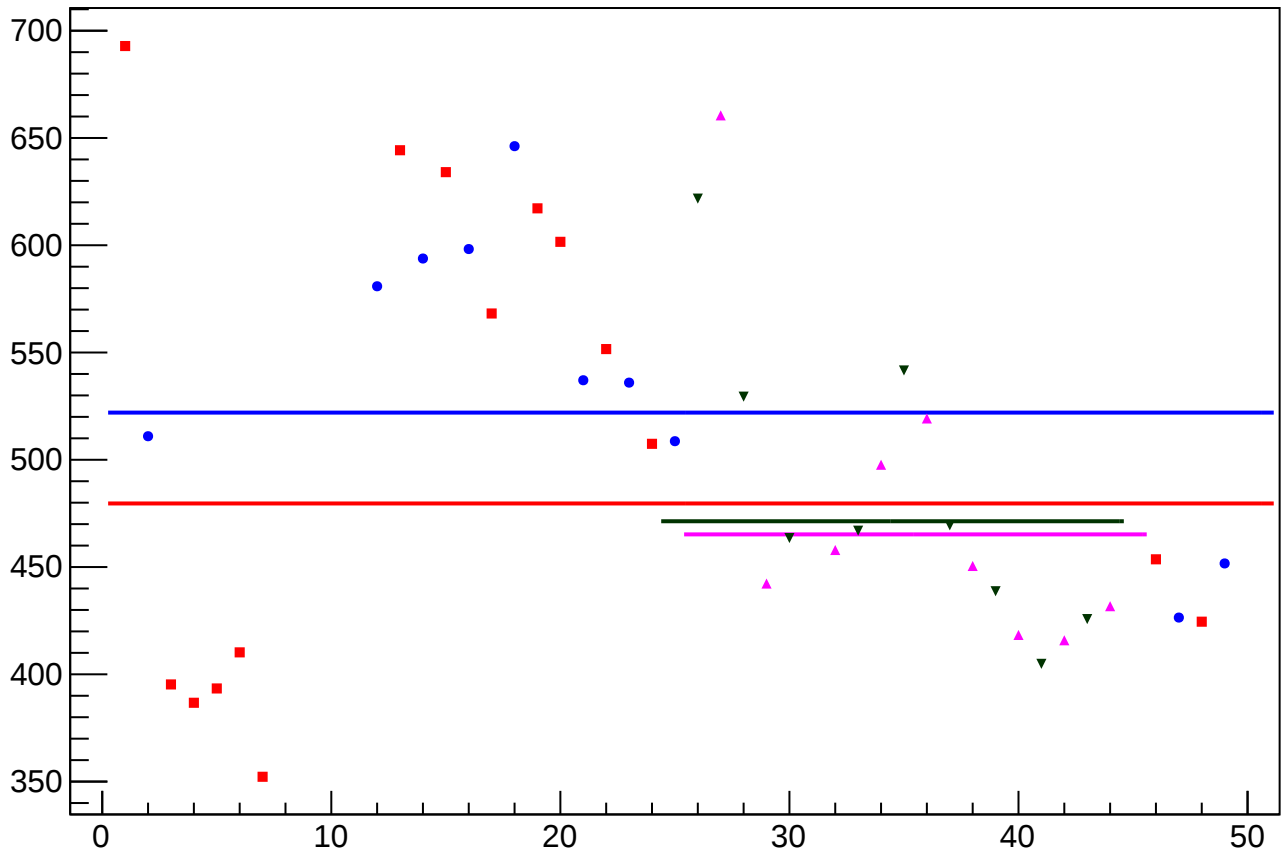
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

Right Out: 938.666 $\pm$ 191.292 χ^2 /NDF: 12.2/14

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

496.352 $\pm$ 101.102 χ^2 /NDF: 32.0/42

asym_dsr_rms vs slug



Right In: 521.991+/-0.146 χ^2/NDF : 199773.2/9

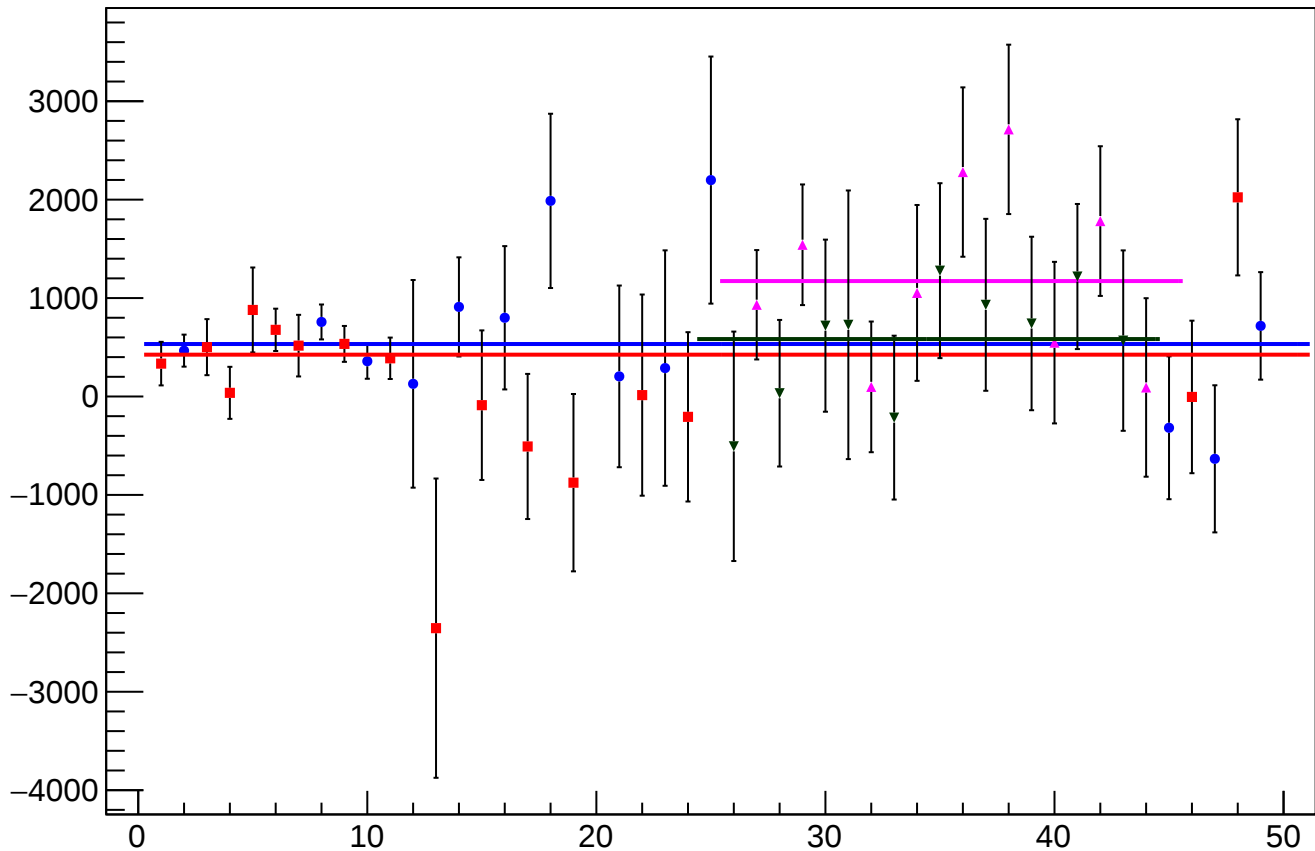
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

Right Out: 479.638+/-0.135 χ^2/NDF : 545197.0/14

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

484.213+/-0.071 χ^2/NDF : 1181137.1/42

cor_usl_mean vs slug



Right In: 533.067 $\pm$ 91.853 χ^2 /NDF: 12.1/12

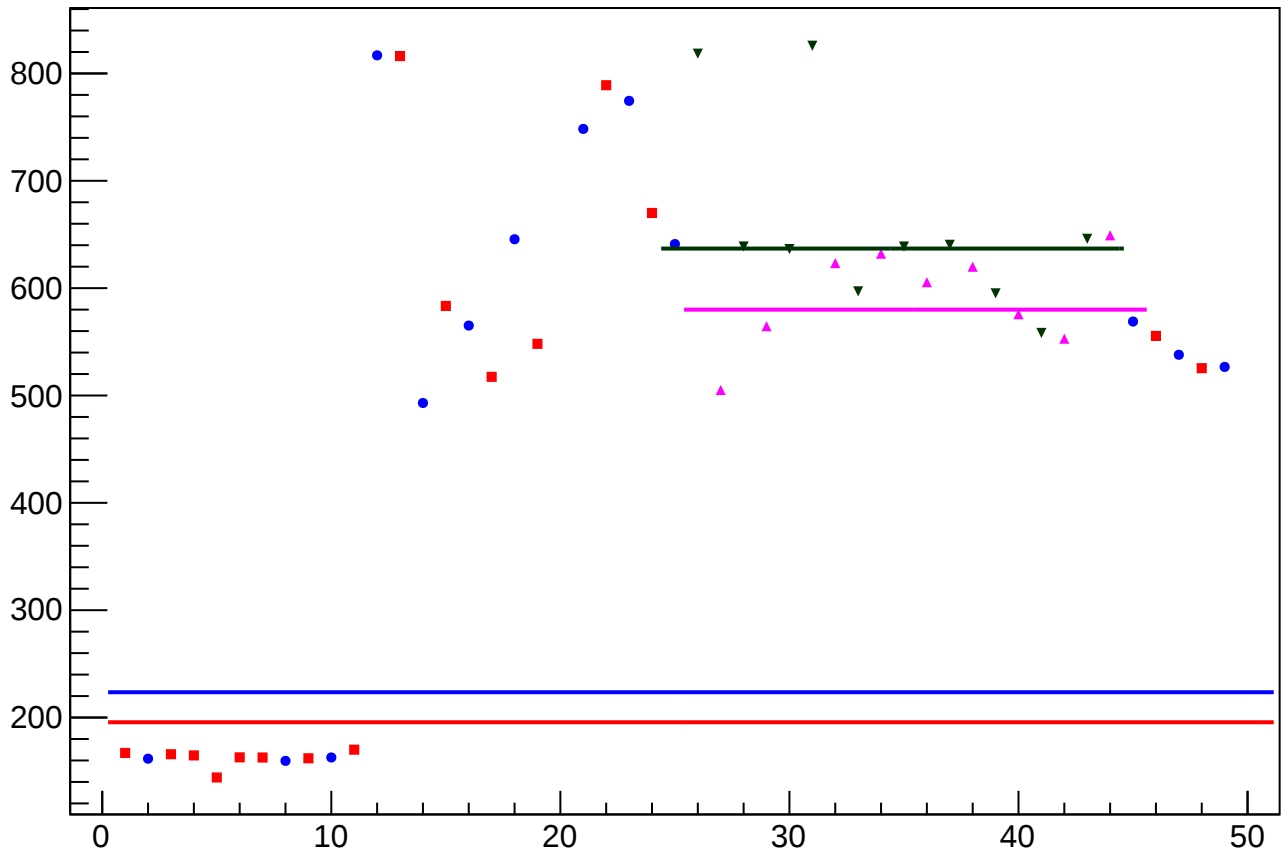
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

Right Out: 424.887 $\pm$ 82.272 χ^2 /NDF: 17.9/15

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

516.983 $\pm$ 58.169 χ^2 /NDF: 53.1/47

cor_usl_rms vs slug



Right In: 223.563+/-0.065 χ^2/NDF : 5595976.9/12

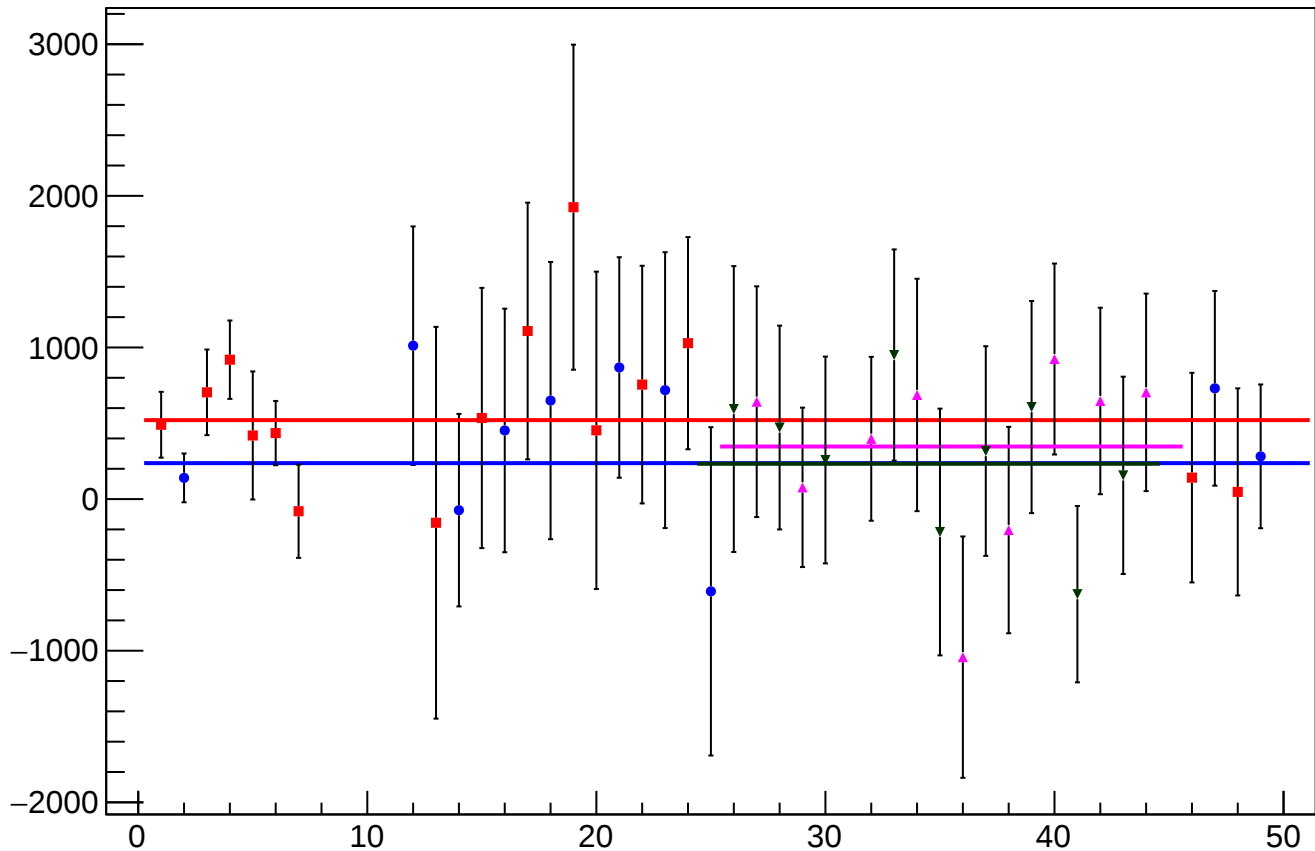
Left Out: 636.880+/-0.198 χ^2/NDF : 118921.2/9

247.347+/-0.041 χ^2/NDF : 18114824.5/47

Right Out: 195.613+/-0.058 χ^2/NDF : 3877851.8/15

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

cor_usr_mean vs slug



Right In: 237.062 $\pm$ 133.214 χ^2 /NDF: 4.1/9

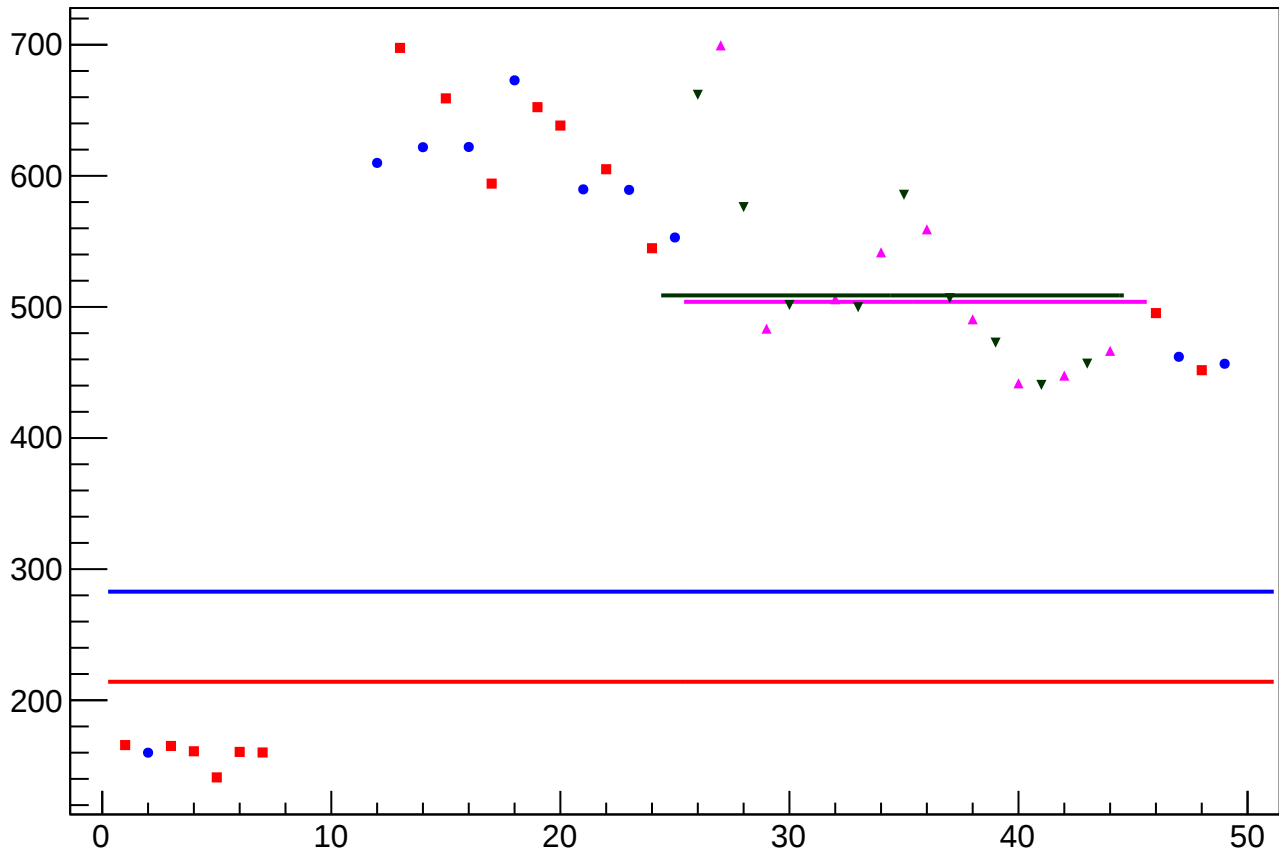
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF:4.1/8

Right Out: 520.803 $\pm$ 99.897 χ^2 /NDF: 10.7/14

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

393.279 $\pm$ 71.282 χ^2 /NDF: 28.2/42

cor_usr_rms vs slug



Right In: 282.826+/-0.094 χ^2/NDF : 3936290.4/9

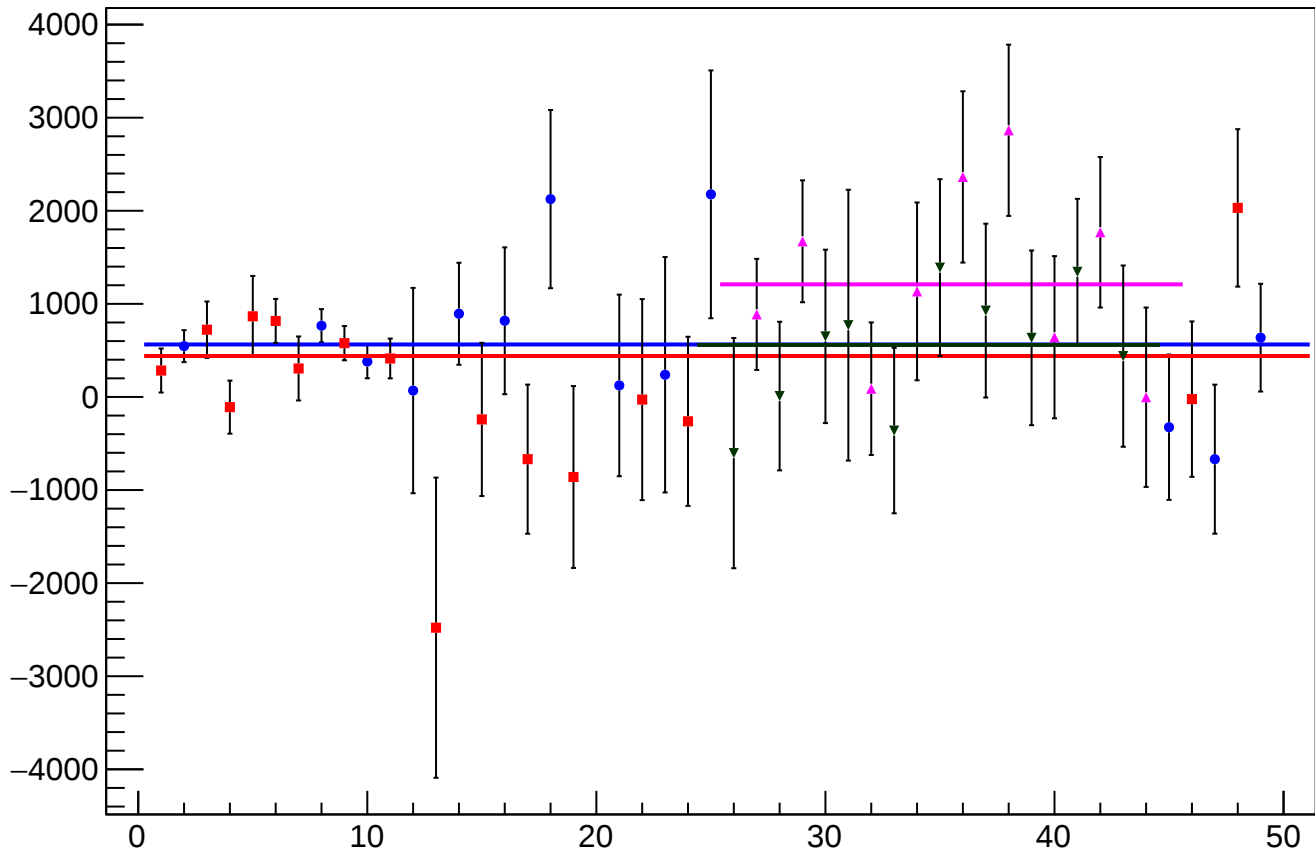
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

293.499+/-0.050 χ^2/NDF : 13077336.5/42

Right Out: 214.088+/-0.071 χ^2/NDF : 3893479.9/14

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

cor_dsl_mean vs slug



Right In: 563.690+/-94.716 χ^2/NDF : 11.1/12

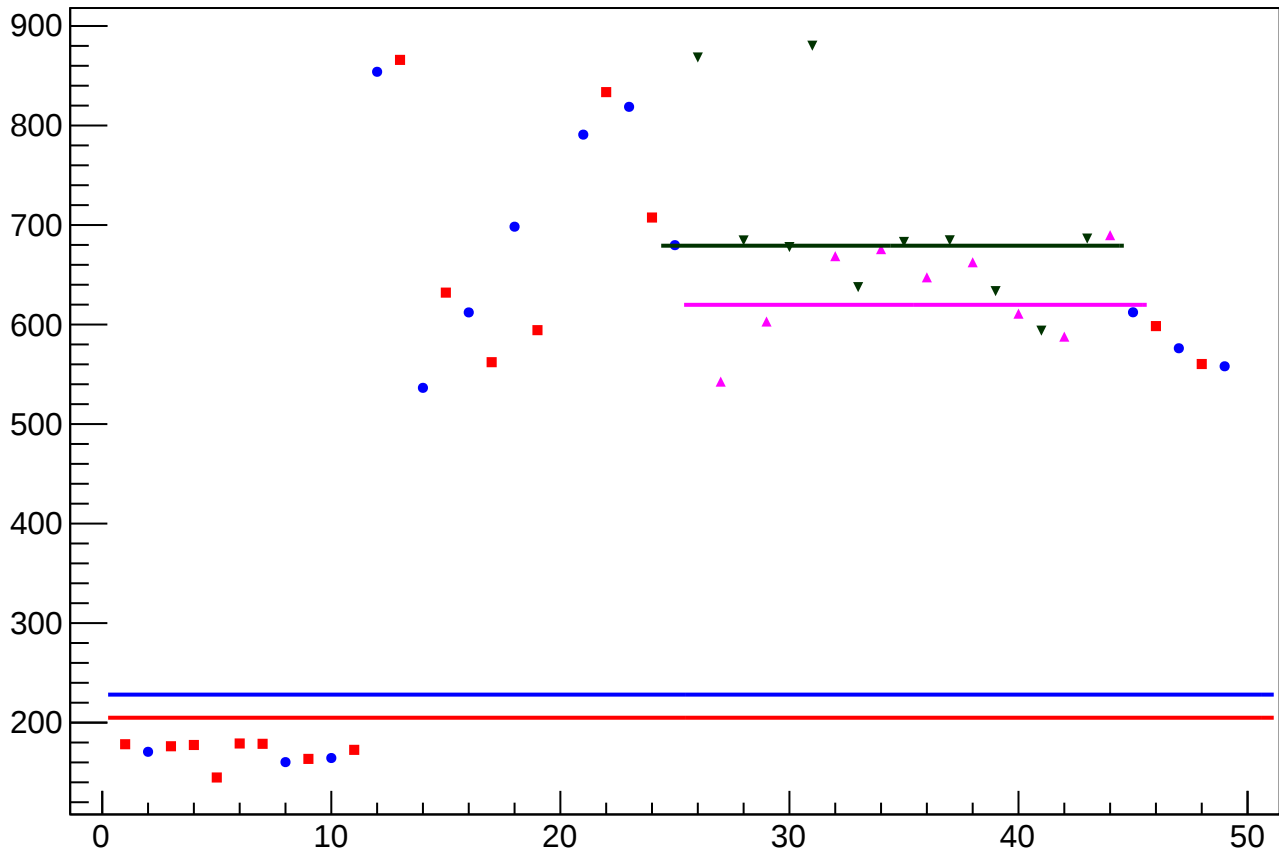
Left Out: 558.792+/-298.984 χ^2/NDF : 4.4/9

Right Out: 439.774+/-86.512 χ^2/NDF : 21.5/15

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

536.923+/-60.772 χ^2/NDF : 55.5/47

cor_dsl_rms vs slug



Right In: 228.135+/-0.067 χ^2/NDF : 5841874.9/12

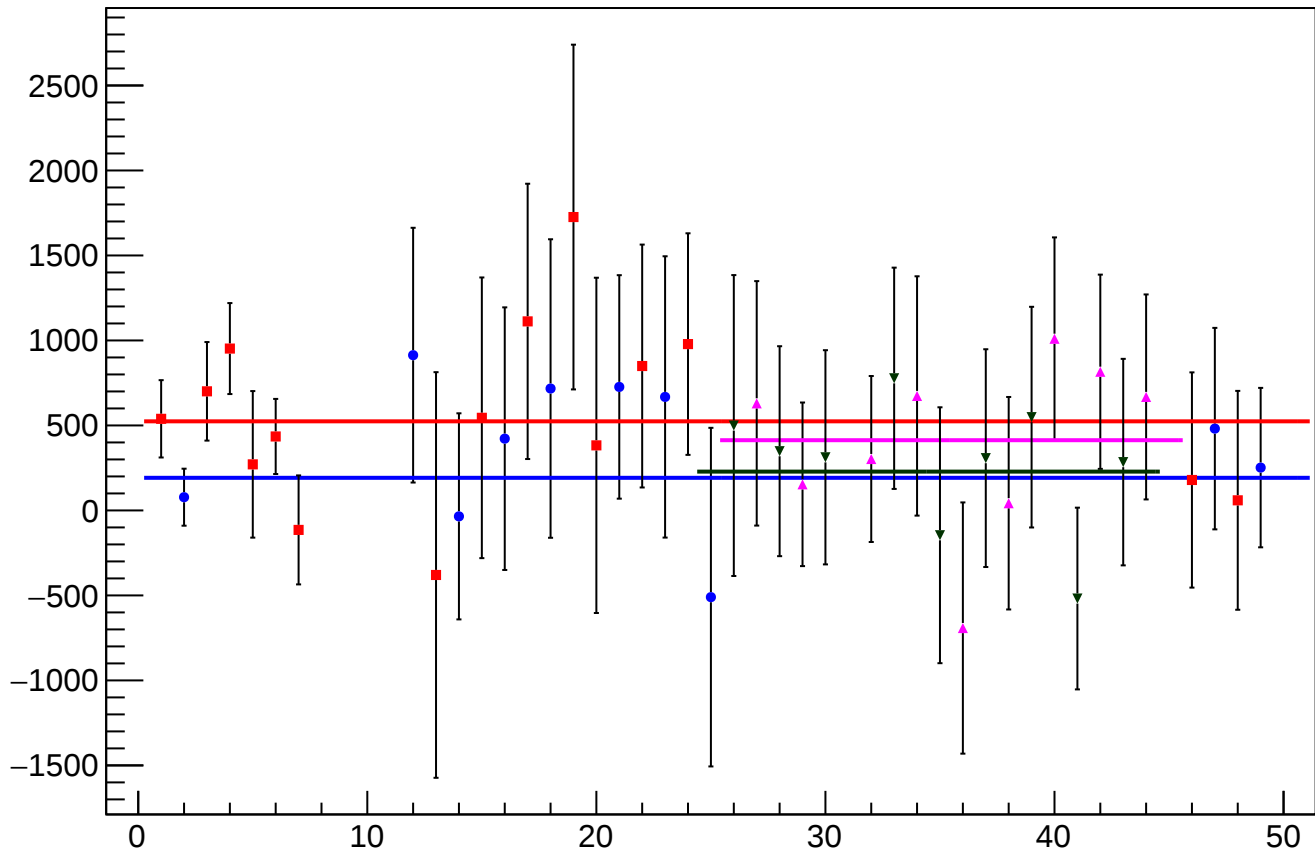
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

256.282+/-0.043 χ^2/NDF : 18707637.3/47

Right Out: 204.909+/-0.061 χ^2/NDF : 3960786.8/15

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

cor_dsr_mean vs slug



Right In: 191.903 $\pm$ 134.566 χ^2 /NDF: 3.7/9

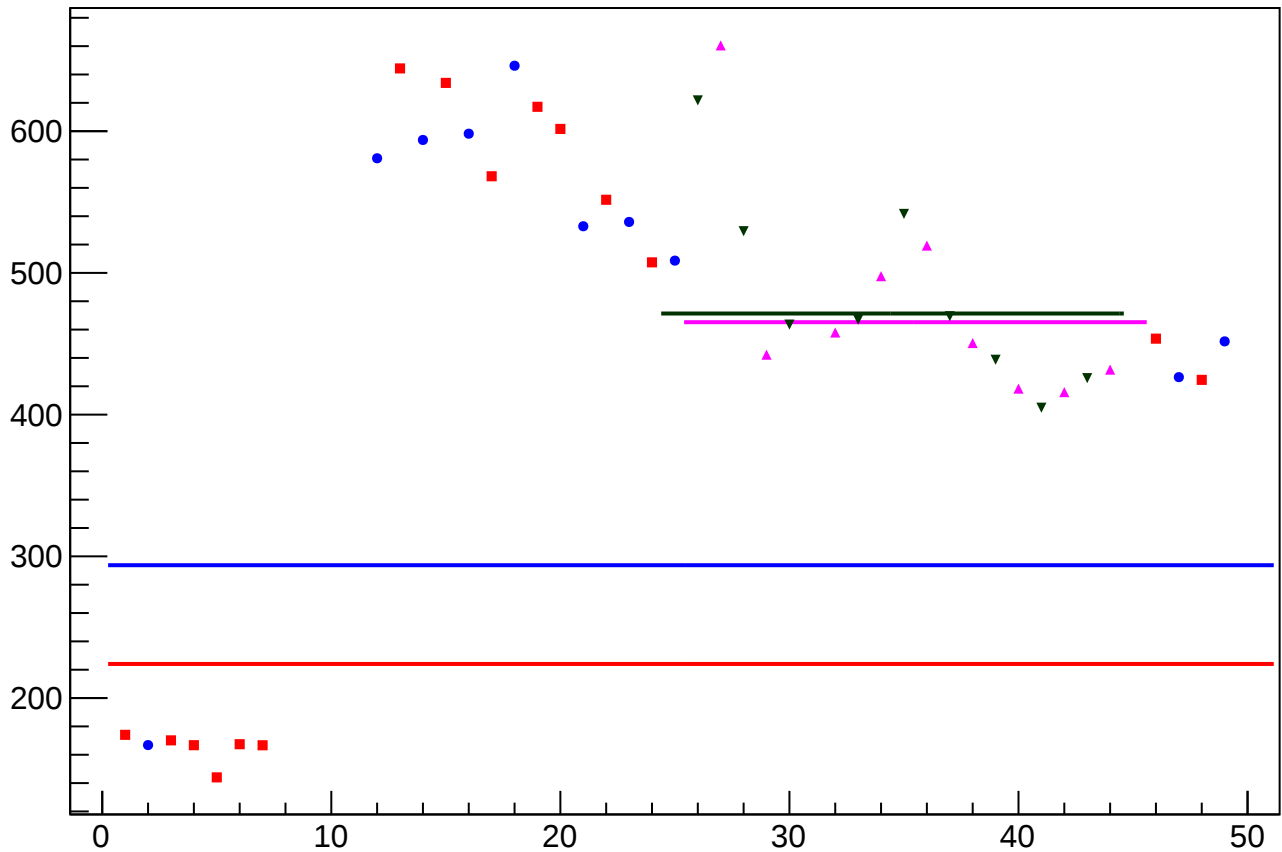
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

384.980 $\pm$ 71.074 χ^2 /NDF: 27.8/42

Right Out: 524.189 $\pm$ 102.226 χ^2 /NDF: 11.4/14

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

cor_dsr_rms vs slug



Right In: 293.748+/-0.095 χ^2/NDF : 3418923.0/9

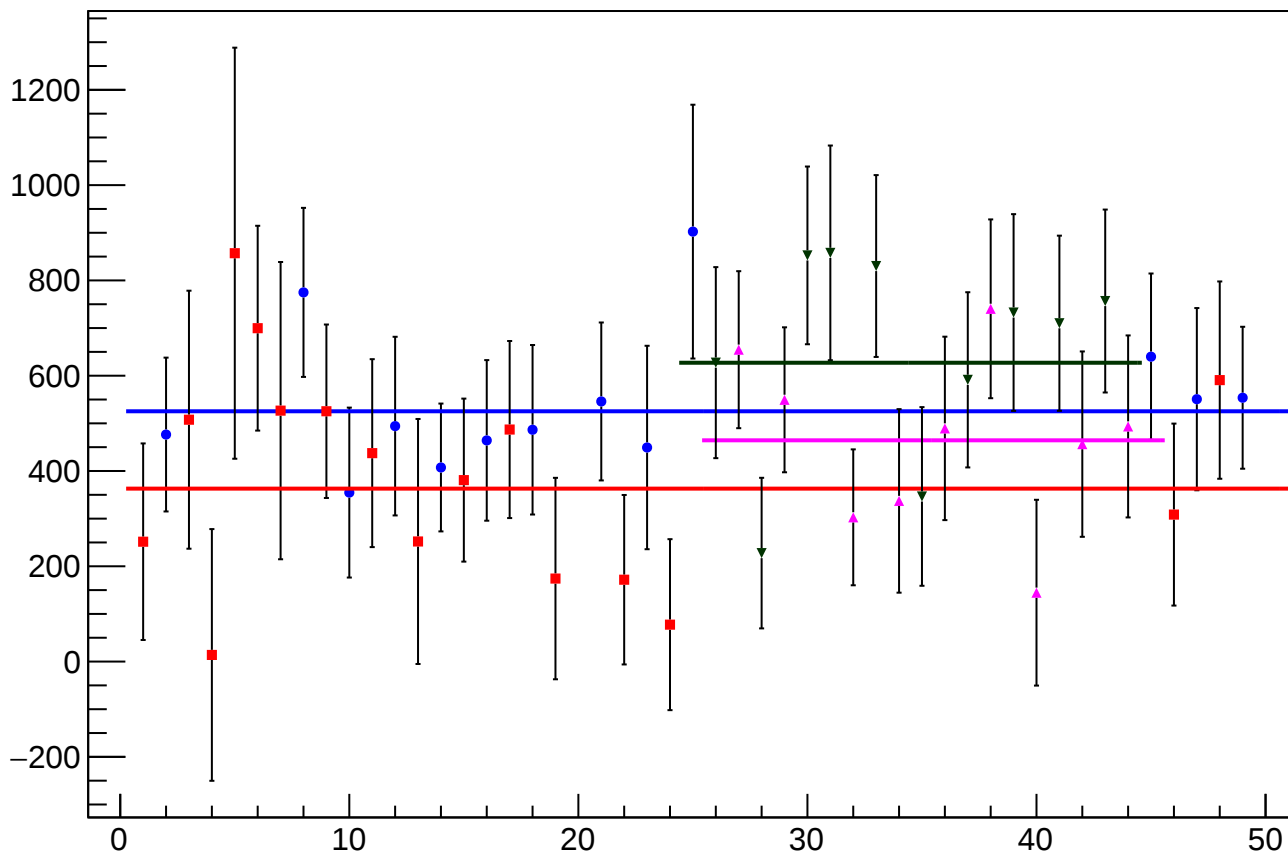
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

301.483+/-0.050 χ^2/NDF : 10998835.6/42

Right Out: 224.070+/-0.072 χ^2/NDF : 3473220.6/14

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

reg_asym_usl_mean vs slug



Right In: 525.338 ± 48.221 $\chi^2/\text{NDF}: 6.6/12$

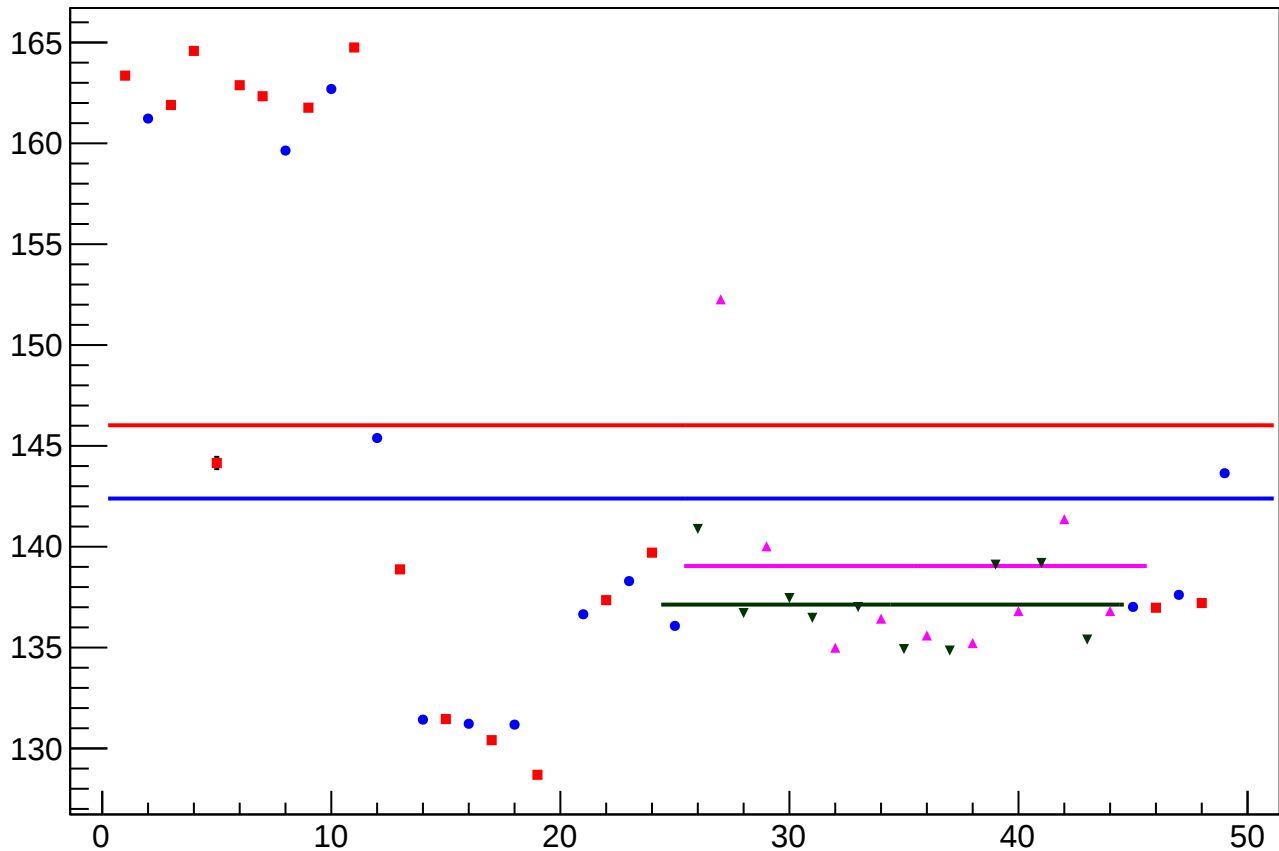
Left Out: 627.204 ± 59.866 $\chi^2/\text{NDF}: 13.2/9$

Right Out: 362.993 ± 52.800 $\chi^2/\text{NDF}: 13.7/15$

Left In: 464.385 ± 58.554 $\chi^2/\text{NDF}: 8.3/8$

490.333 ± 27.122 $\chi^2/\text{NDF}: 53.6/47$

reg_asym_usl_rms vs slug



Right In: 142.390 ± 0.034 $\chi^2/\text{NDF}: 110204.6/12$

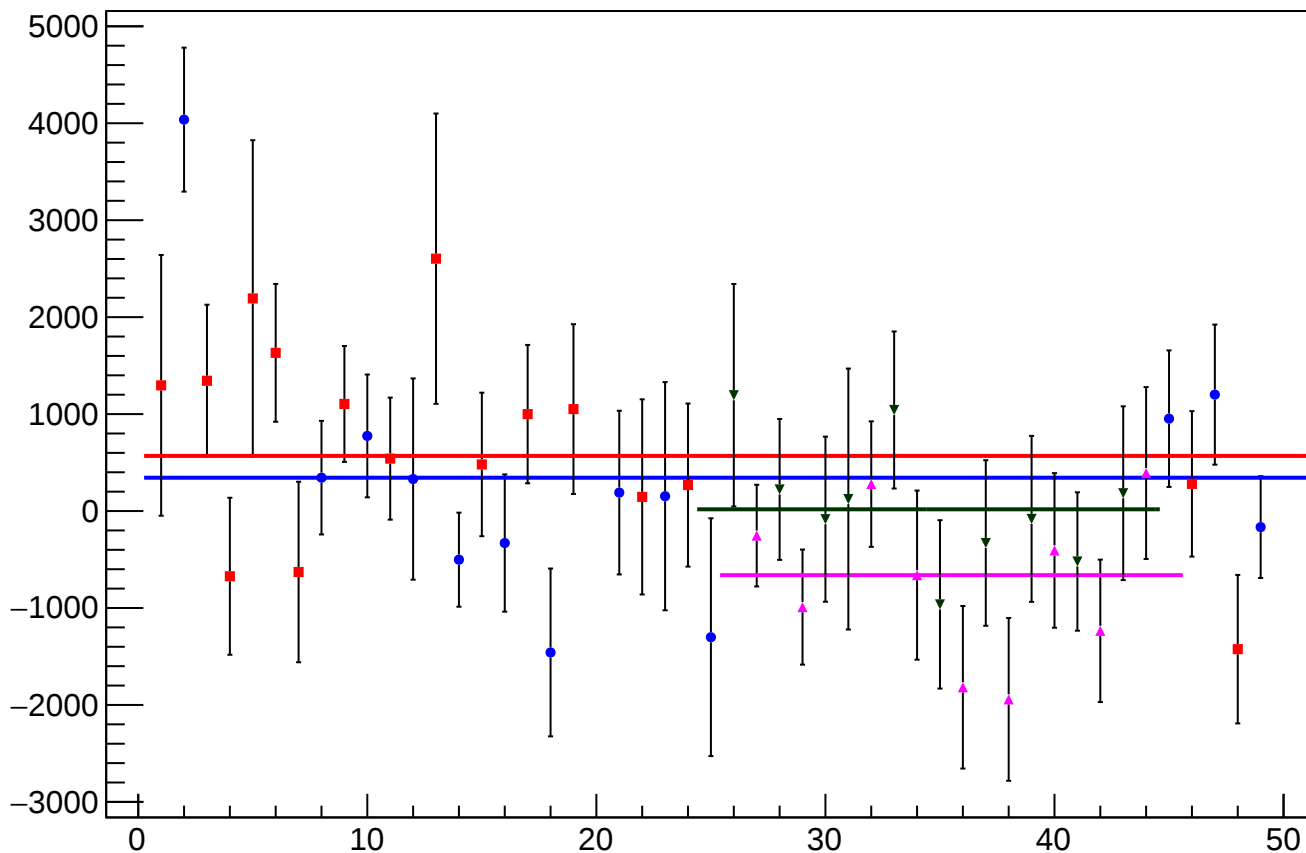
Left Out: 137.131 ± 0.042 $\chi^2/\text{NDF}: 1921.5/9$

Right Out: 146.021 ± 0.037 $\chi^2/\text{NDF}: 140626.1/15$

Left In: 139.044 ± 0.041 $\chi^2/\text{NDF}: 17233.5/8$

141.550 ± 0.019 $\chi^2/\text{NDF}: 299494.0/47$

asym_usl_correction_mean vs slug



Right In: 343.802 $\pm$ 195.833 χ^2/NDF : 38.4/12

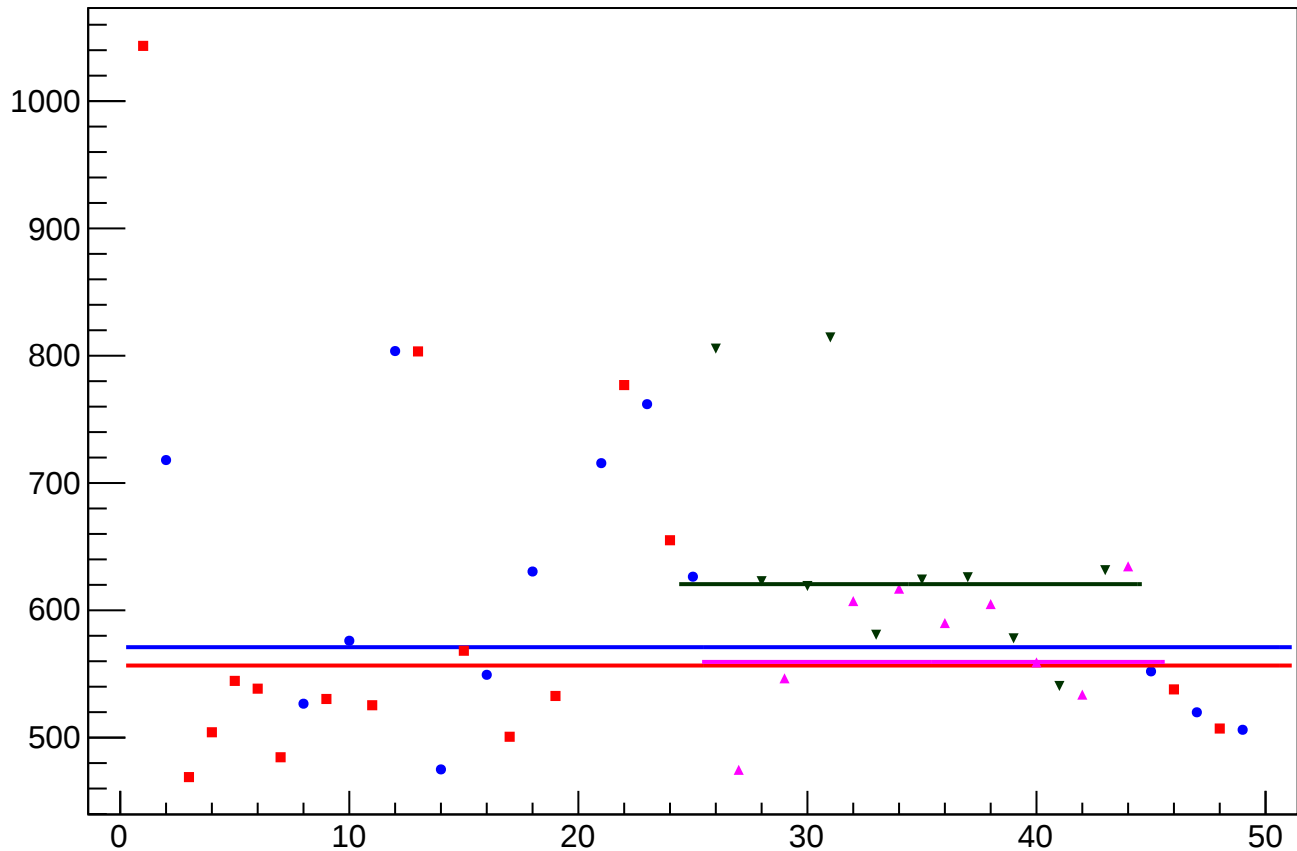
Left Out: 17.986 $\pm$ 273.379 χ^2/NDF : 4.8/9

Right Out: 568.671 $\pm$ 204.302 χ^2/NDF : 19.1/15

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

137.026 $\pm$ 111.020 χ^2/NDF : 88.7/47

asym_usl_correction_rms vs slug



Right In: 571.044+/-0.138 χ^2/NDF : 437479.5/12

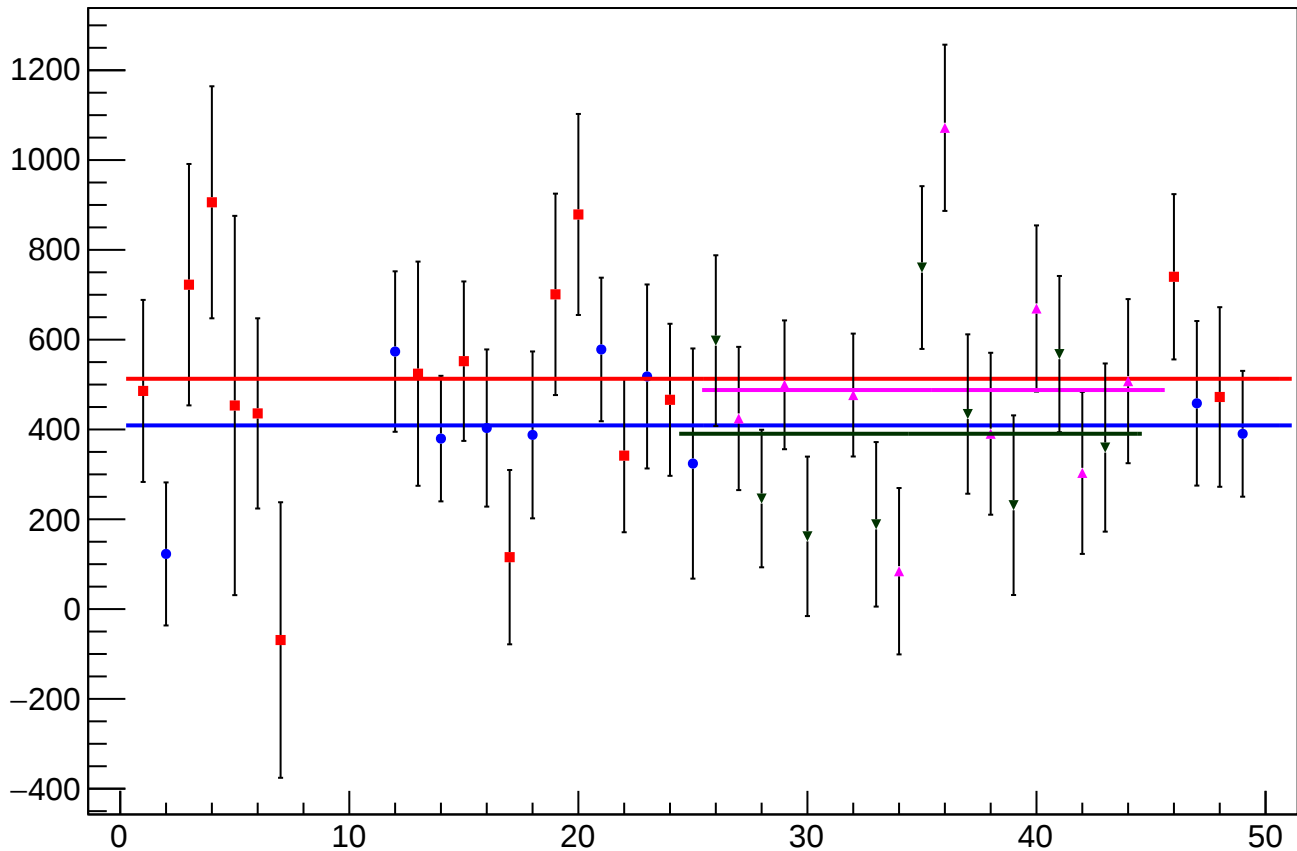
Left Out: 620.564+/-0.193 χ^2/NDF :128801.5/9

572.428+/-0.079 χ^2/NDF : 1263452.0/47

Right Out: 556.629+/-0.144 χ^2/NDF : 519032.1/15

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

reg_asym_usr_mean vs slug



Right In: 409.055 $\pm$ 54.043 χ^2 /NDF: 5.7/9

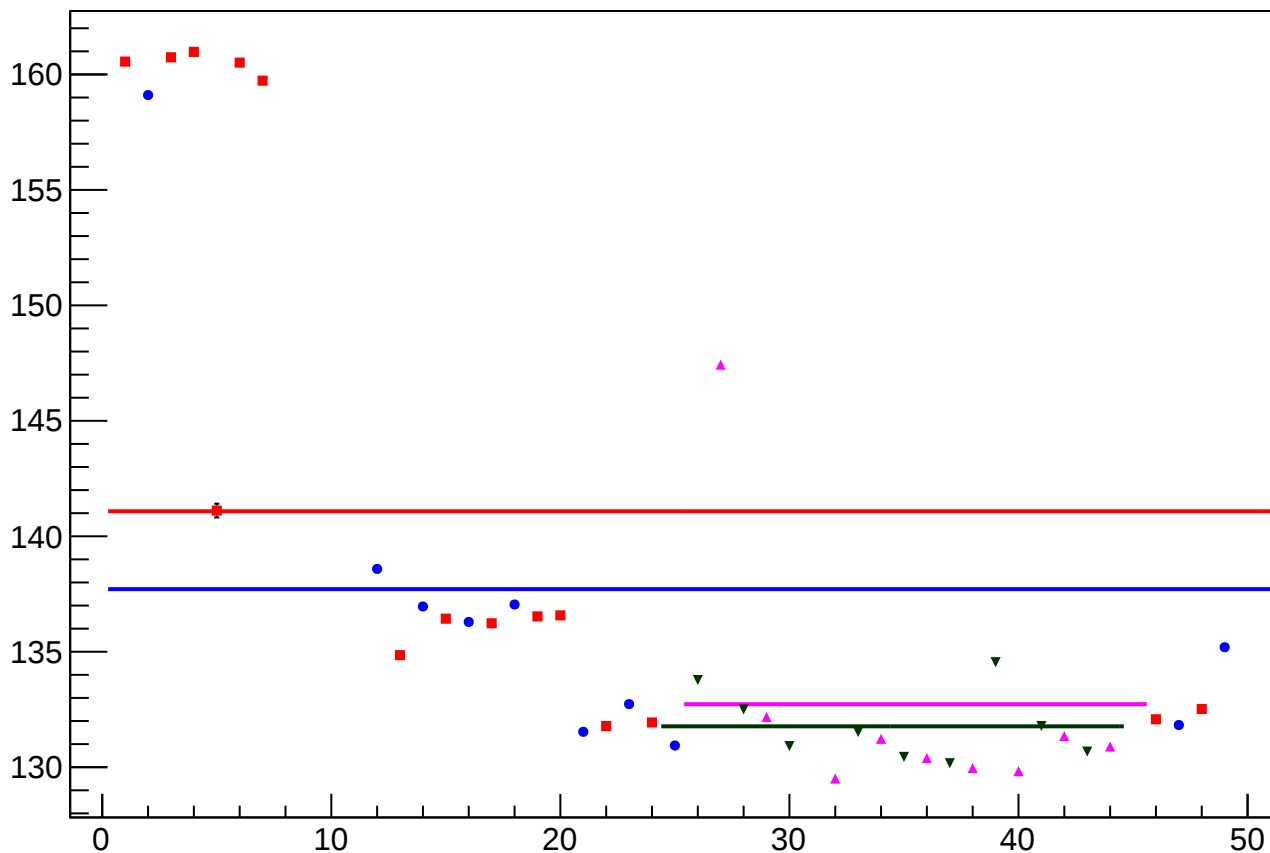
Left Out: 390.446 $\pm$ 59.706 χ^2 /NDF:10.9/8

Right Out: 512.893 $\pm$ 55.085 χ^2 /NDF: 16.9/14

Left In: 487.835 $\pm$ 55.879 χ^2 /NDF:17.2/8

451.665 $\pm$ 28.031 χ^2 /NDF: 54.1/42

reg_asym_usr_rms vs slug



Right In: 137.711+/-0.038 χ^2/NDF : 44621.5/9

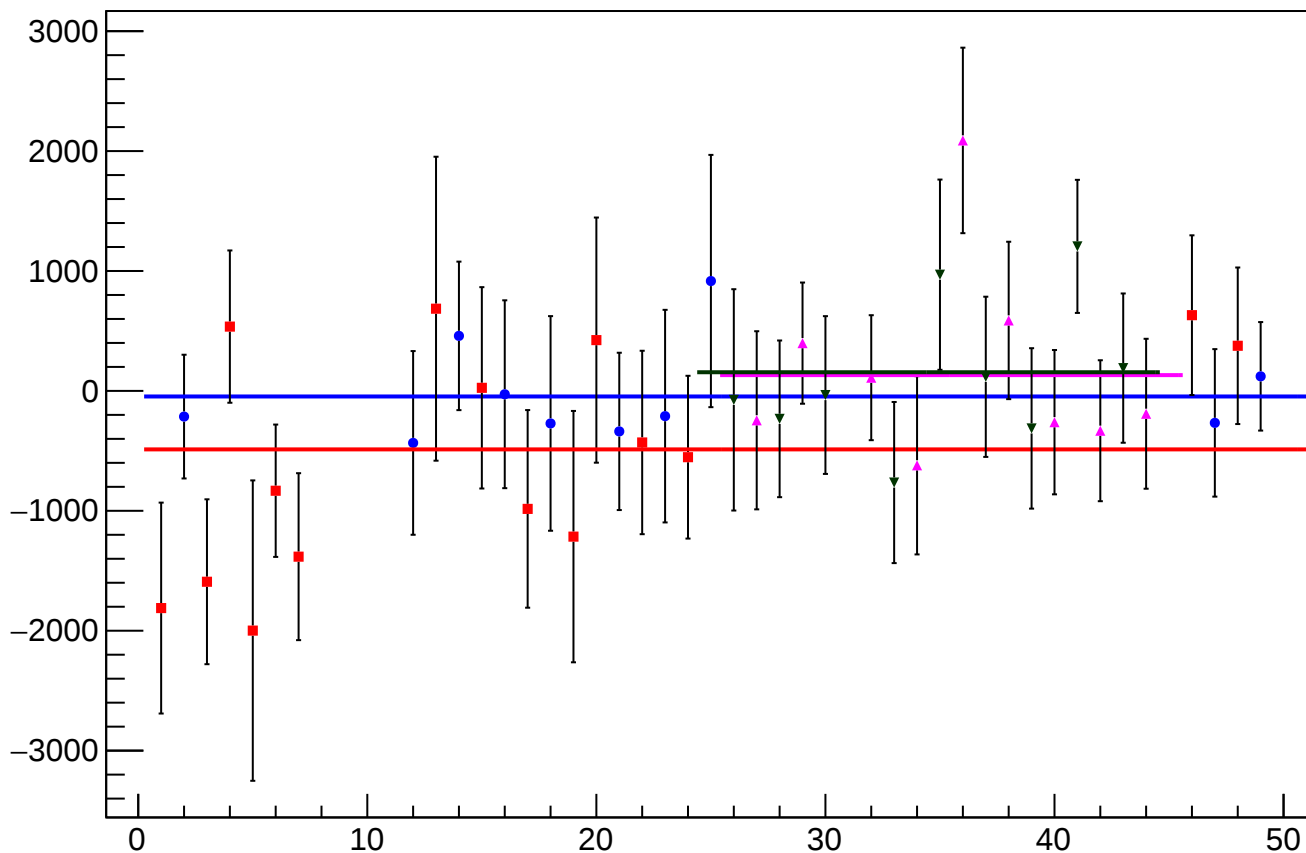
Left Out: 131.770+/-0.042 χ^2/NDF :1040.2/8

Right Out: 141.083+/-0.039 χ^2/NDF : 90956.2/14

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

136.021+/-0.020 χ^2/NDF : 192402.4/42

asym_usr_correction_mean vs slug



Right In: -46.474 ± 208.620 χ^2/NDF : 2.4/9

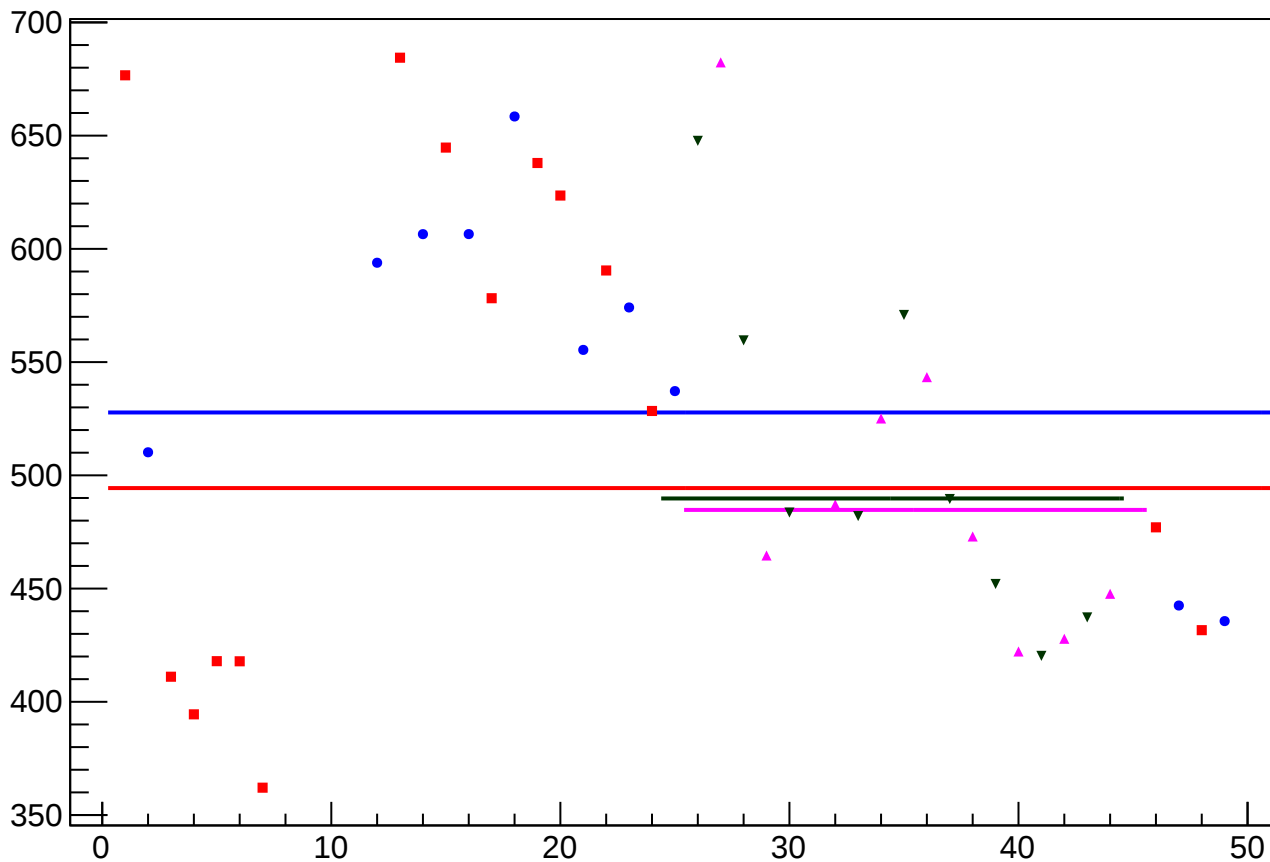
Left Out: 155.597 ± 223.964 χ^2/NDF : 7.5/8

Right Out: -487.793 ± 197.122 χ^2/NDF : 18.4/14

Left In: 131.610 ± 206.595 χ^2/NDF : 9.8/8

-80.755 ± 104.213 χ^2/NDF : 44.5/42

asym_usr_correction_rms vs slug



Right In: 527.760+/-0.148 χ^2/NDF : 242955.1/9

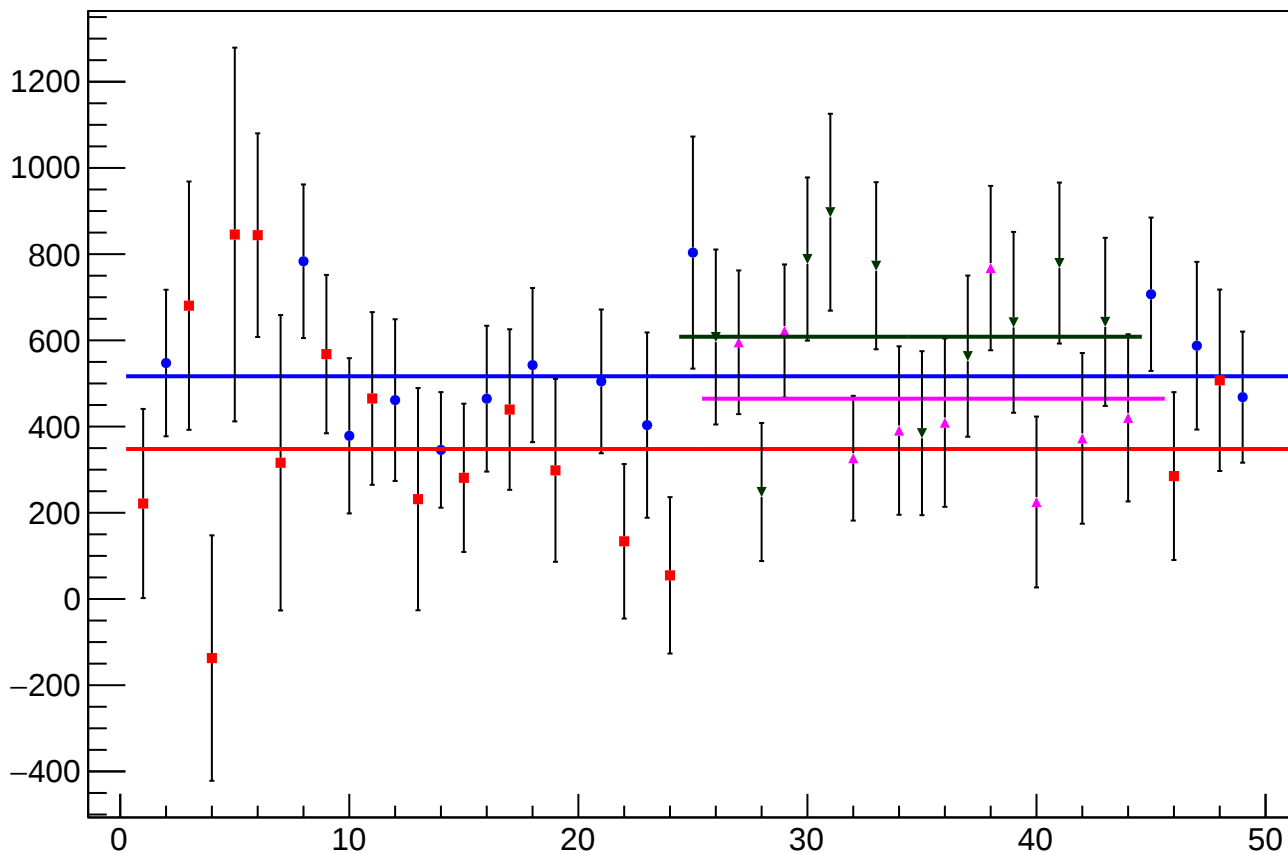
Left Out: 489.788+/-0.158 χ^2/NDF : 154690.5/8

Right Out: 494.375+/-0.139 χ^2/NDF : 538513.1/14

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

499.260+/-0.074 χ^2/NDF : 1198332.0/42

reg_asym_dsl_mean vs slug



Right In: 516.708 ± 48.803 χ^2/NDF : 7.5/12

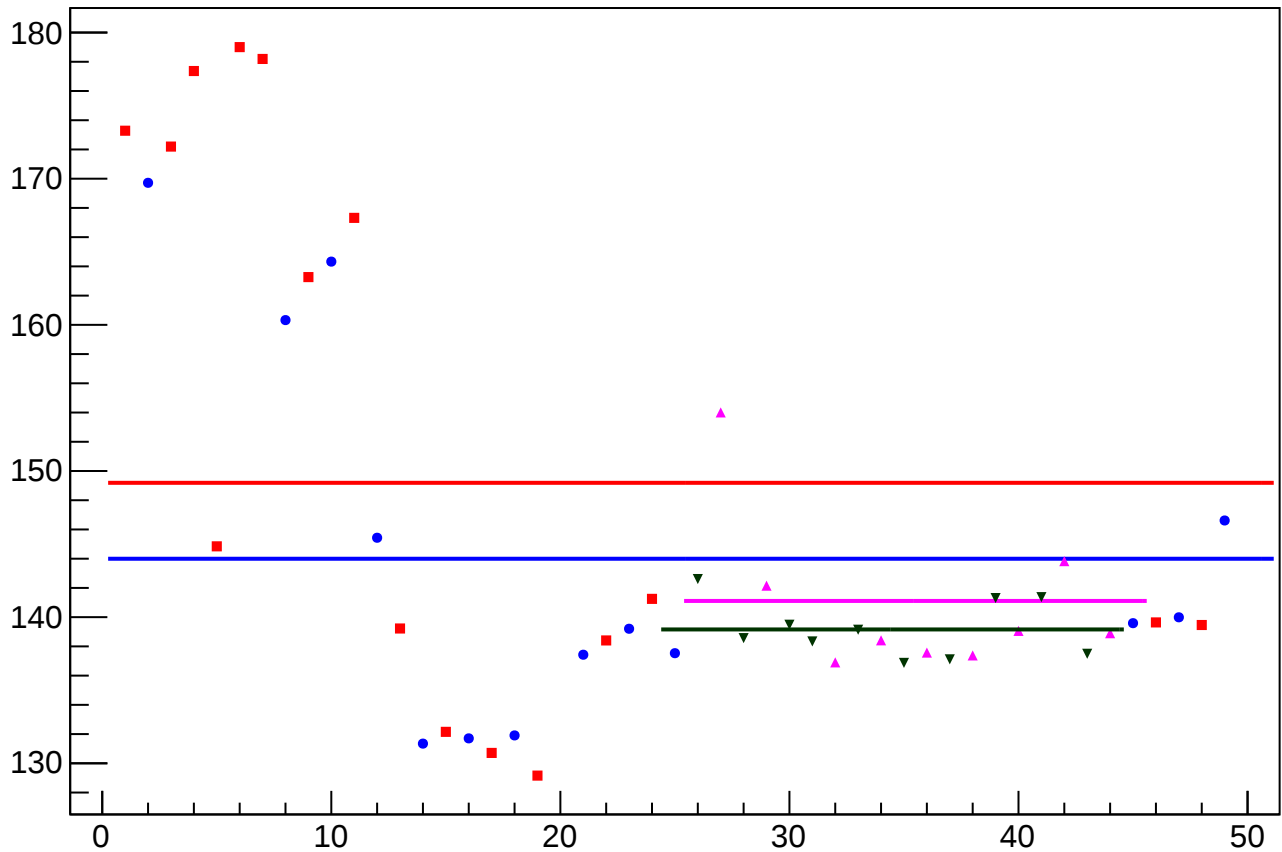
Left Out: 608.408 ± 60.755 χ^2/NDF : 10.6/9

Right Out: 347.980 ± 54.087 χ^2/NDF : 17.4/15

Left In: 464.679 ± 59.428 χ^2/NDF : 7.0/8

480.558 ± 27.568 χ^2/NDF : 53.7/47

reg_asym_dsl_rms vs slug



Right In: 143.996+/-0.035 χ^2/NDF : 133586.3/12

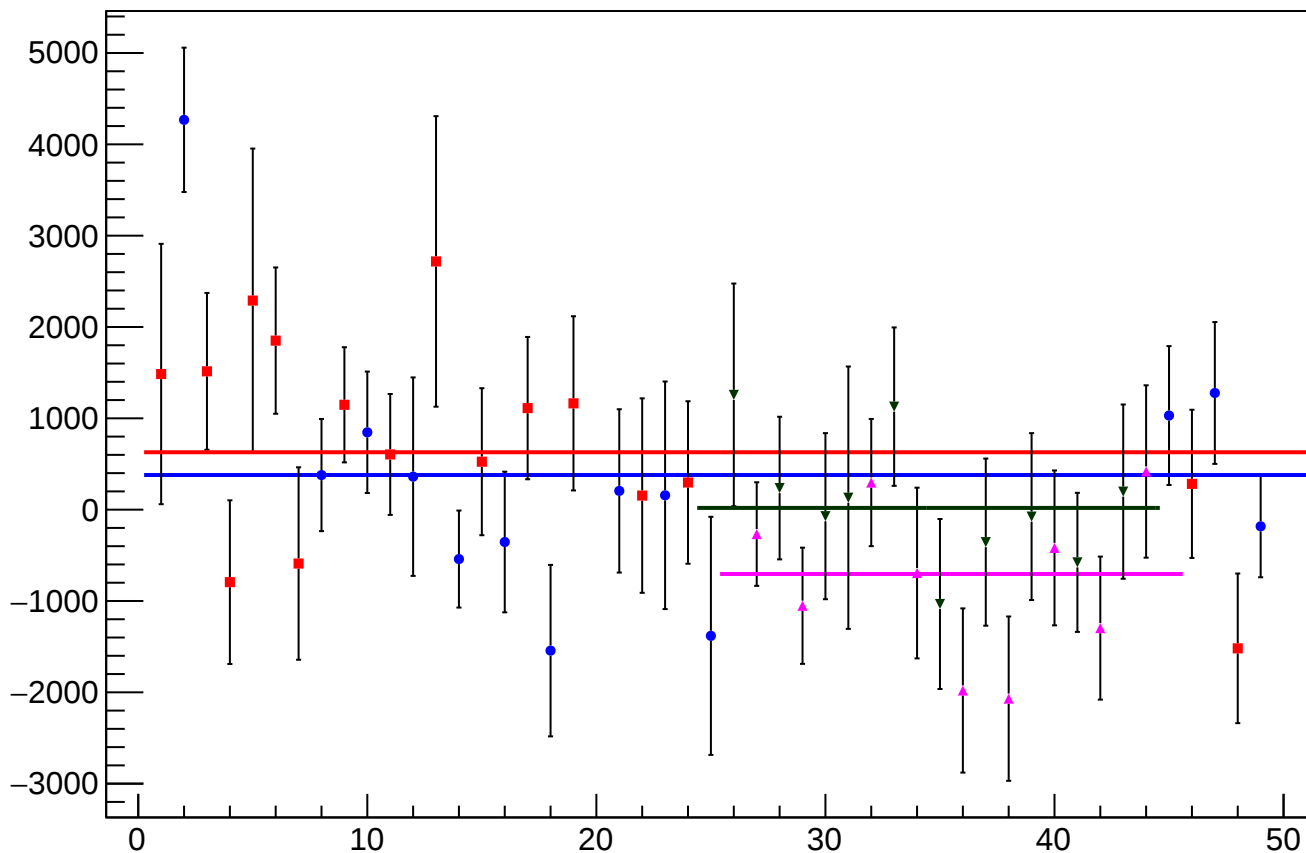
Left Out: 139.159+/-0.043 χ^2/NDF :1800.6/9

Right Out: 149.192+/-0.038 χ^2/NDF : 211266.3/15

Left In: 141.110+/-0.042 χ^2/NDF :16410.3/8

143.729+/-0.019 χ^2/NDF : 398727.3/47

asym_dsl_correction_mean vs slug



Right In: 379.508 ± 209.363 χ^2/NDF : 37.8/12

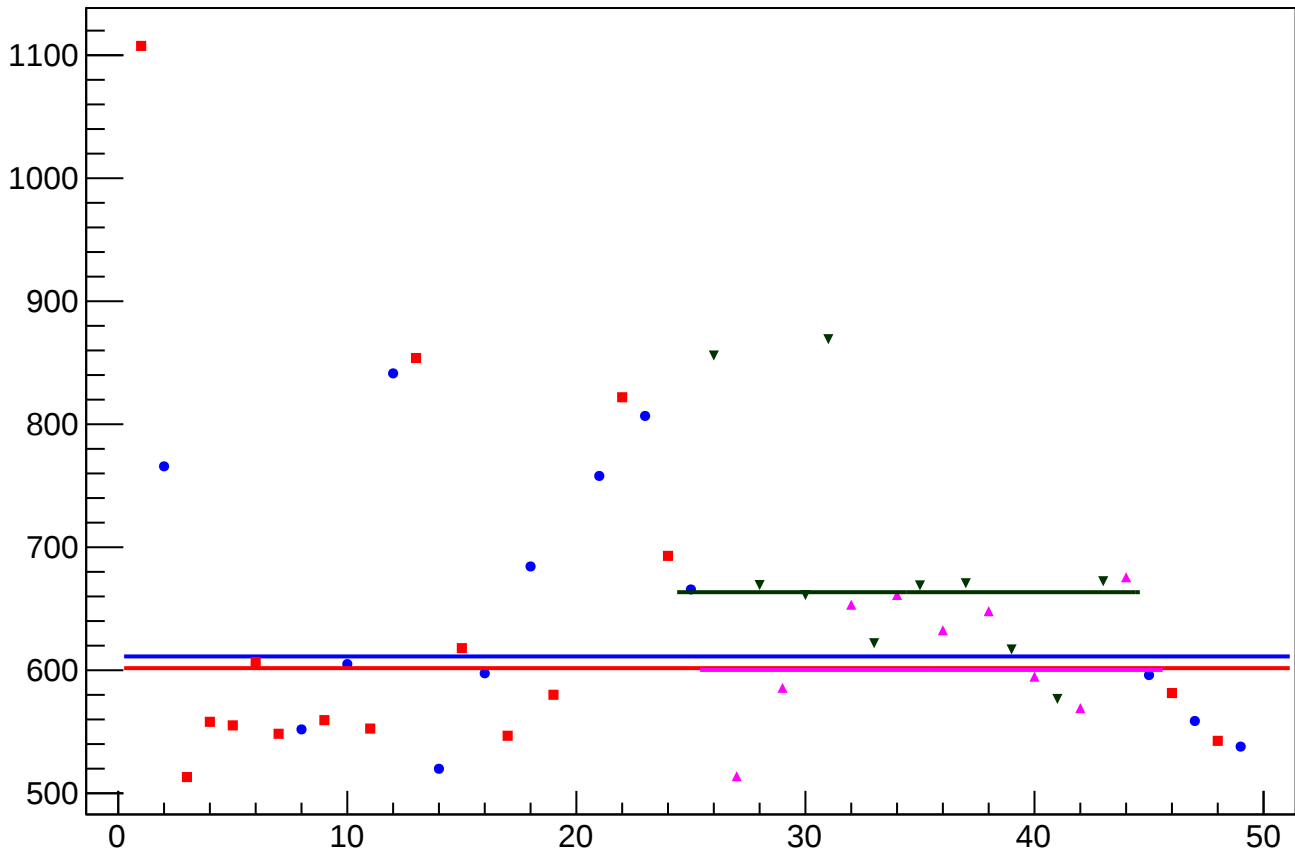
Left Out: 19.163 ± 292.256 χ^2/NDF : 4.9/9

Right Out: 628.669 ± 220.567 χ^2/NDF : 19.1/15

Left In: -704.266 ± 254.769 χ^2/NDF : 9.4/8

155.418 ± 119.112 χ^2/NDF : 88.5/47

asym_dsl_correction_rms vs slug



Right In: 611.236+/-0.148 χ^2/NDF : 407995.3/12

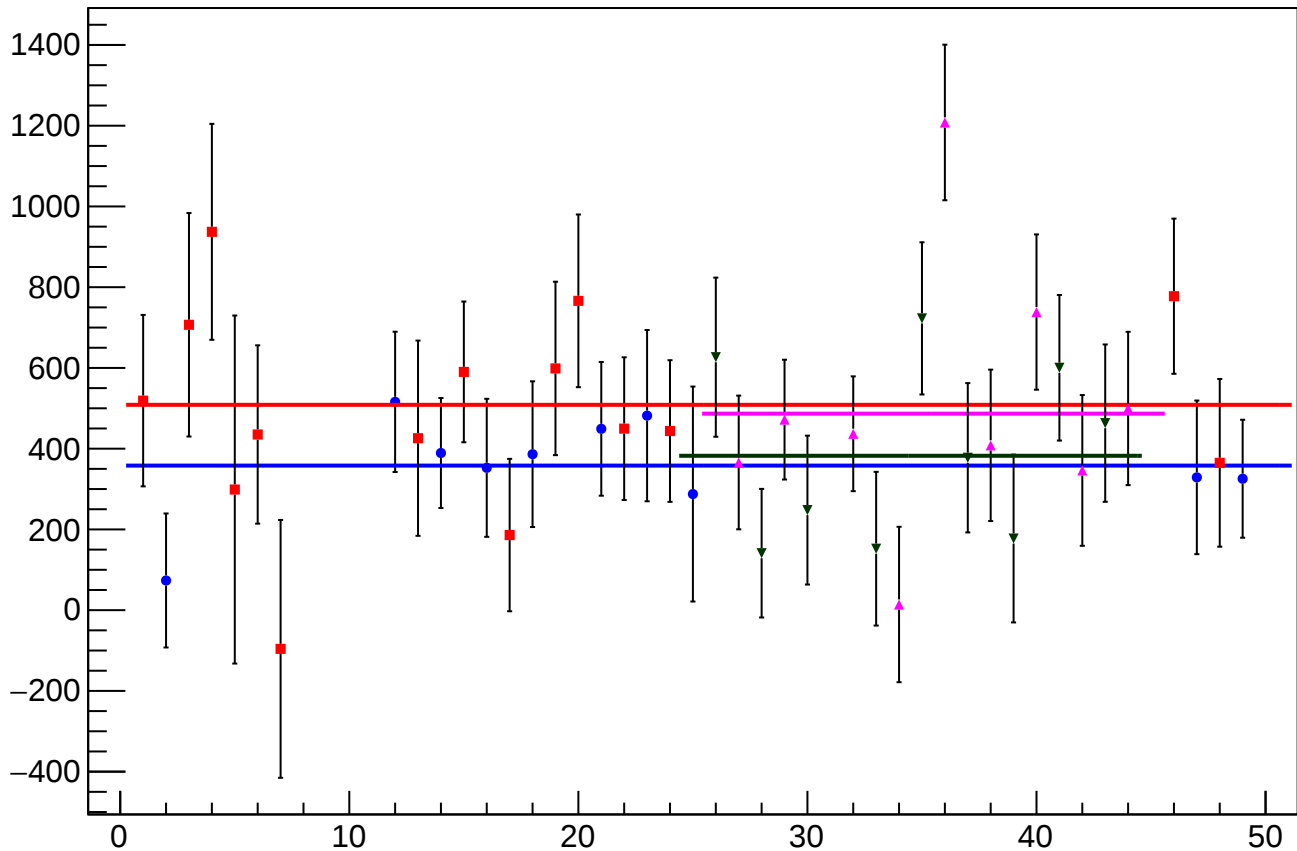
Left Out: 663.469+/-0.207 χ^2/NDF : 127083.8/9

614.740+/-0.084 χ^2/NDF : 1181445.4/47

Right Out: 601.725+/-0.156 χ^2/NDF : 484983.2/15

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

reg_asym_dsr_mean vs slug



Right In: 358.105 $\pm$ 54.593 χ^2 /NDF: 4.6/9

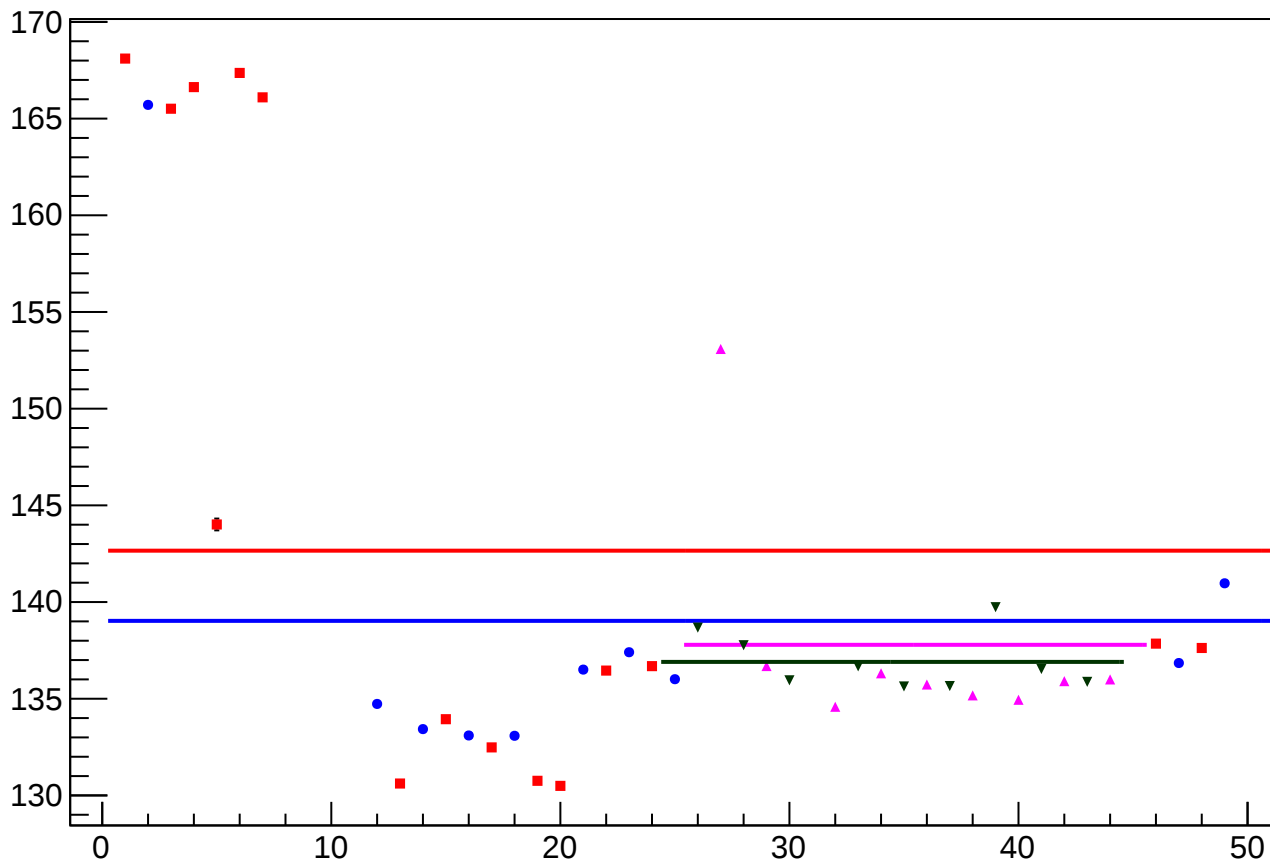
Left Out: 382.401 $\pm$ 62.041 χ^2 /NDF: 11.7/8

Right Out: 508.627 $\pm$ 55.788 χ^2 /NDF: 14.6/14

Left In: 486.782 $\pm$ 58.008 χ^2 /NDF: 23.2/8

434.654 $\pm$ 28.703 χ^2 /NDF: 59.3/42

reg_asym_dsr_rms vs slug



Right In: 139.027 ± 0.039 χ^2/NDF : 62336.3/9

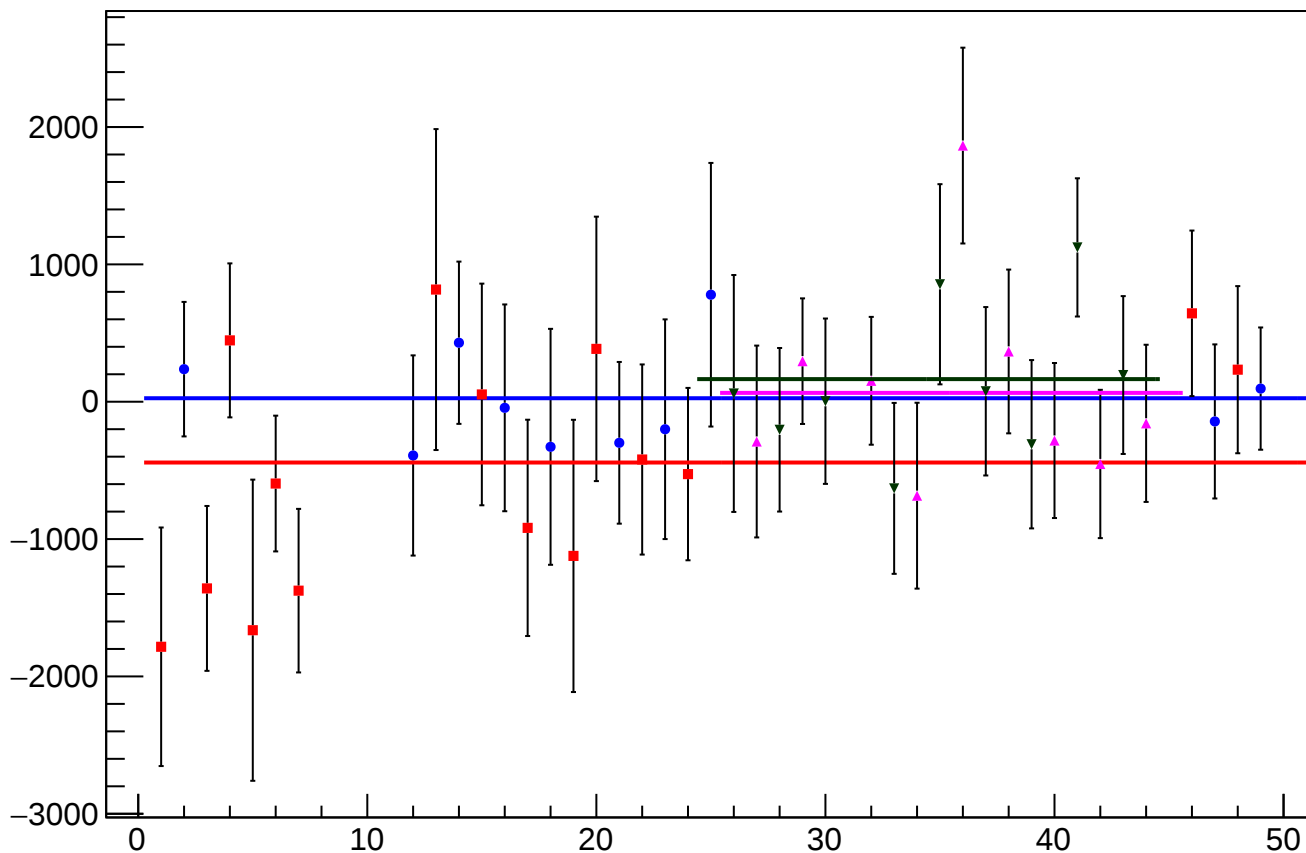
Left Out: 136.905 ± 0.044 χ^2/NDF : 893.7/8

139.230 ± 0.020 χ^2/NDF : 224432.4/42

Right Out: 142.657 ± 0.039 χ^2/NDF : 129836.2/14

Left In: 137.788 ± 0.041 χ^2/NDF : 19747.2/8

asym_dsr_correction_mean vs slug



Right In: 25.438 $\pm$ 196.869 χ^2 /NDF: 2.3/9

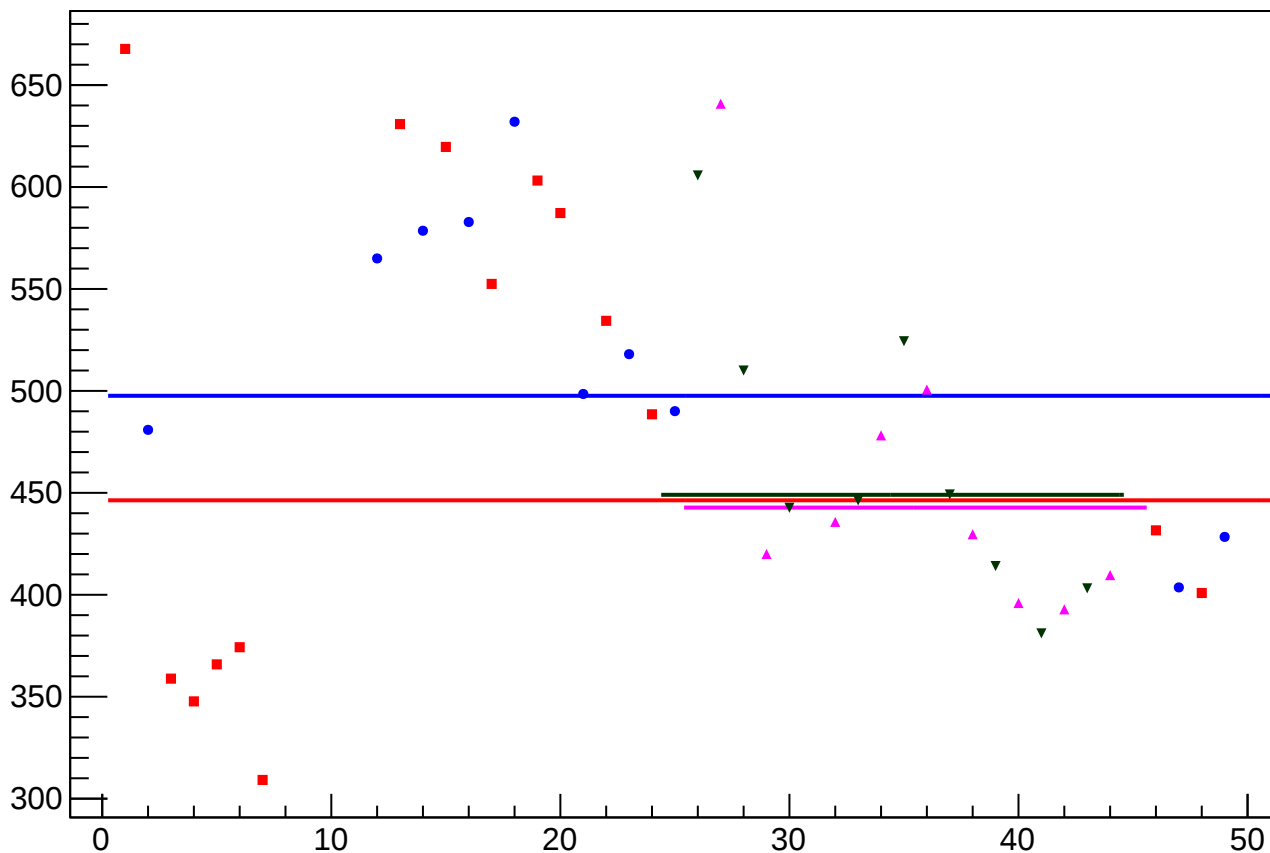
Left Out: 164.635 $\pm$ 205.449 χ^2 /NDF: 7.3/8

Right Out: -442.649 $\pm$ 179.347 χ^2 /NDF: 18.6/14

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

-68.125 $\pm$ 95.948 χ^2 /NDF: 44.4/42

asym_dsr_correction_rms vs slug



Right In: 497.605+/-0.139 χ^2/NDF : 237550.6/9

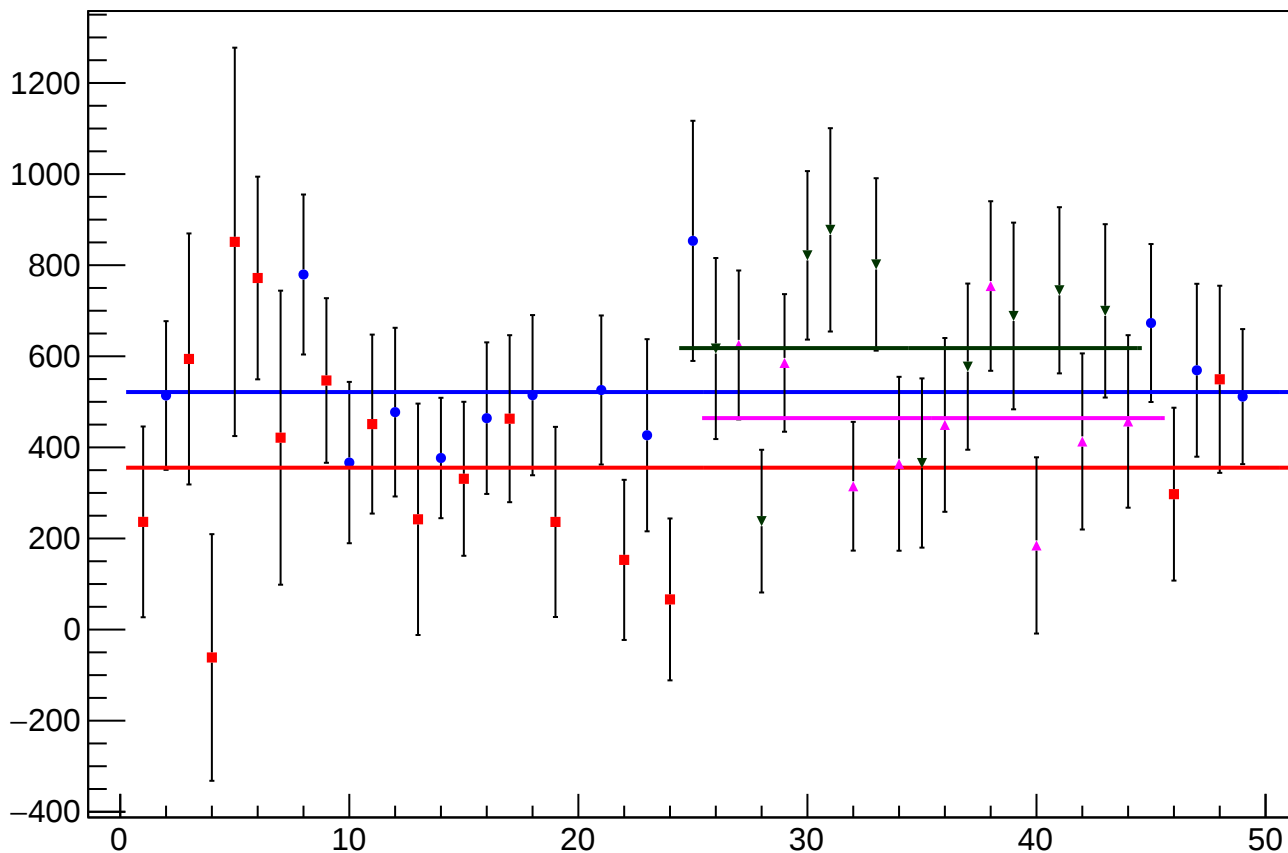
Left Out: 449.031+/-0.145 χ^2/NDF : 164300.9/8

458.182+/-0.068 χ^2/NDF : 1450509.2/42

Right Out: 446.337+/-0.127 χ^2/NDF : 718948.6/14

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

reg_asym_left_avg_mean vs slug



Right In: 521.487 $\pm$ 47.813 χ^2 /NDF: 6.9/12

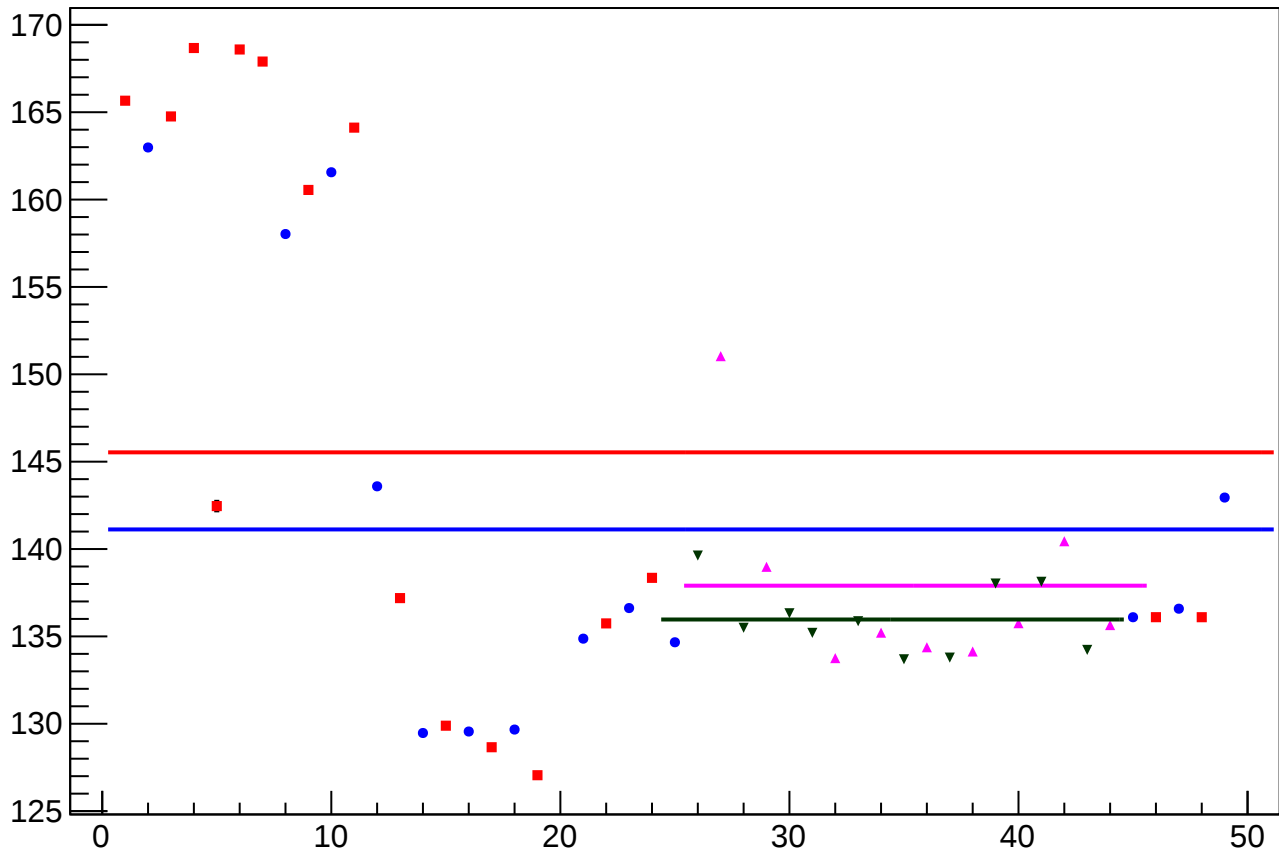
Left Out: 617.964 $\pm$ 59.362 χ^2 /NDF:12.1/9

Right Out: 355.419 $\pm$ 52.692 χ^2 /NDF: 15.6/15

Left In: 464.267 $\pm$ 58.080 χ^2 /NDF:7.6/8

485.636 $\pm$ 26.940 χ^2 /NDF: 53.9/47

reg_asym_left_avg_rms vs slug



Right In: 141.122+/-0.034 χ^2/NDF : 123261.4/12

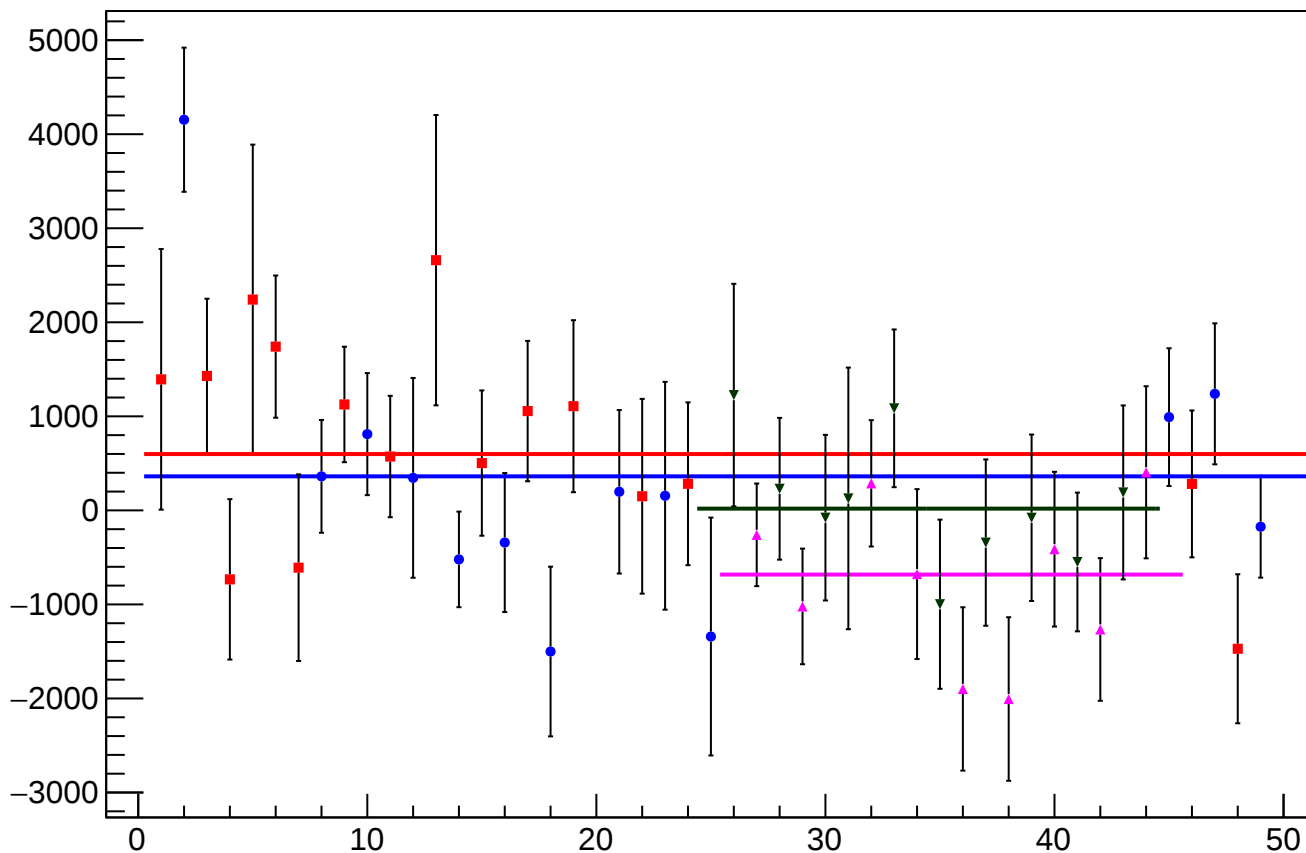
Left Out: 135.967+/-0.042 χ^2/NDF : 1963.3/9

Right Out: 145.533+/-0.037 χ^2/NDF : 176275.2/15

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

140.521+/-0.019 χ^2/NDF : 353260.9/47

asym_left_avg_correction_mean vs slug



Right In: 361.770 ± 202.598 $\chi^2/\text{NDF}: 38.1/12$

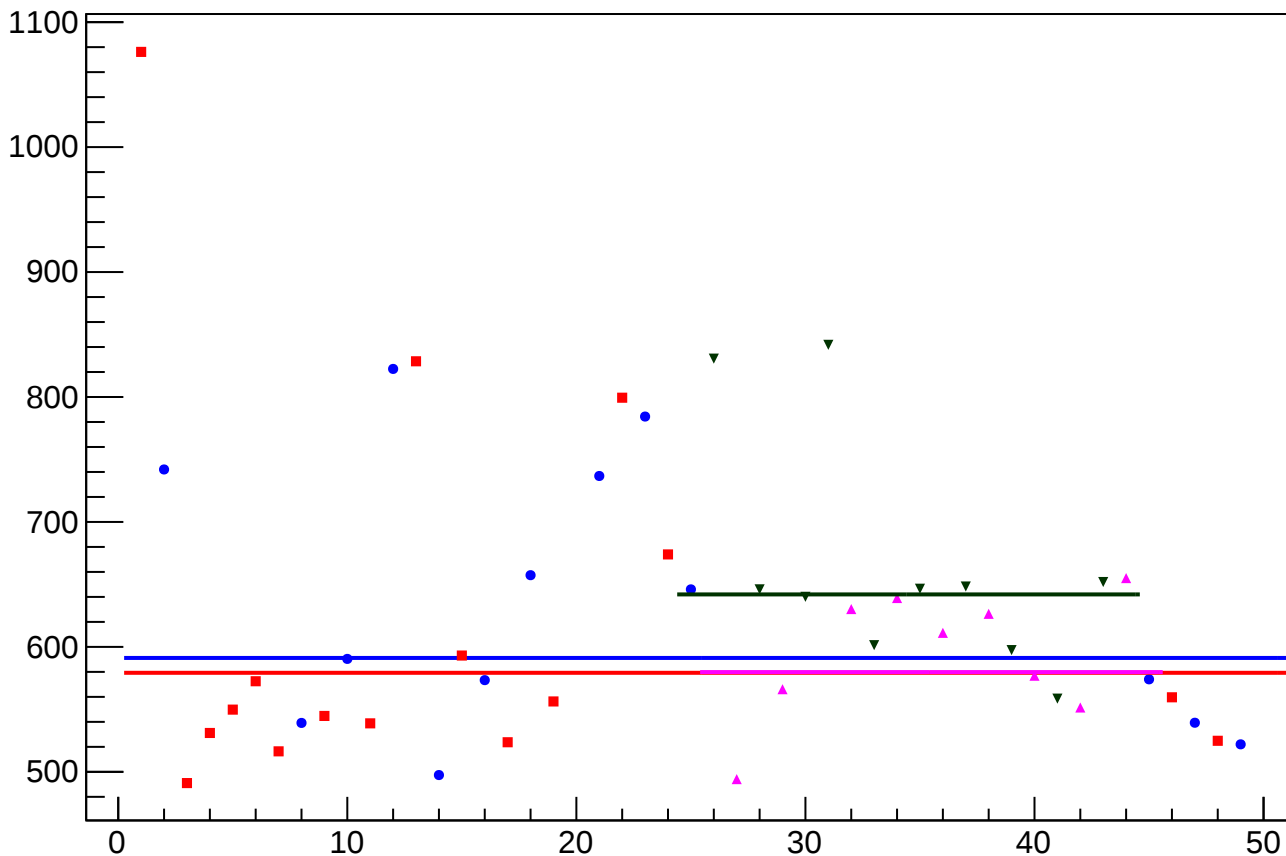
Left Out: 18.573 ± 282.811 $\chi^2/\text{NDF}: 4.8/9$

Right Out: 598.925 ± 212.453 $\chi^2/\text{NDF}: 19.1/15$

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

146.301 ± 115.068 $\chi^2/\text{NDF}: 88.6/47$

asym_left_avg_correction_rms vs slug



Right In: 591.161+/-0.143 χ^2/NDF : 421387.3/12

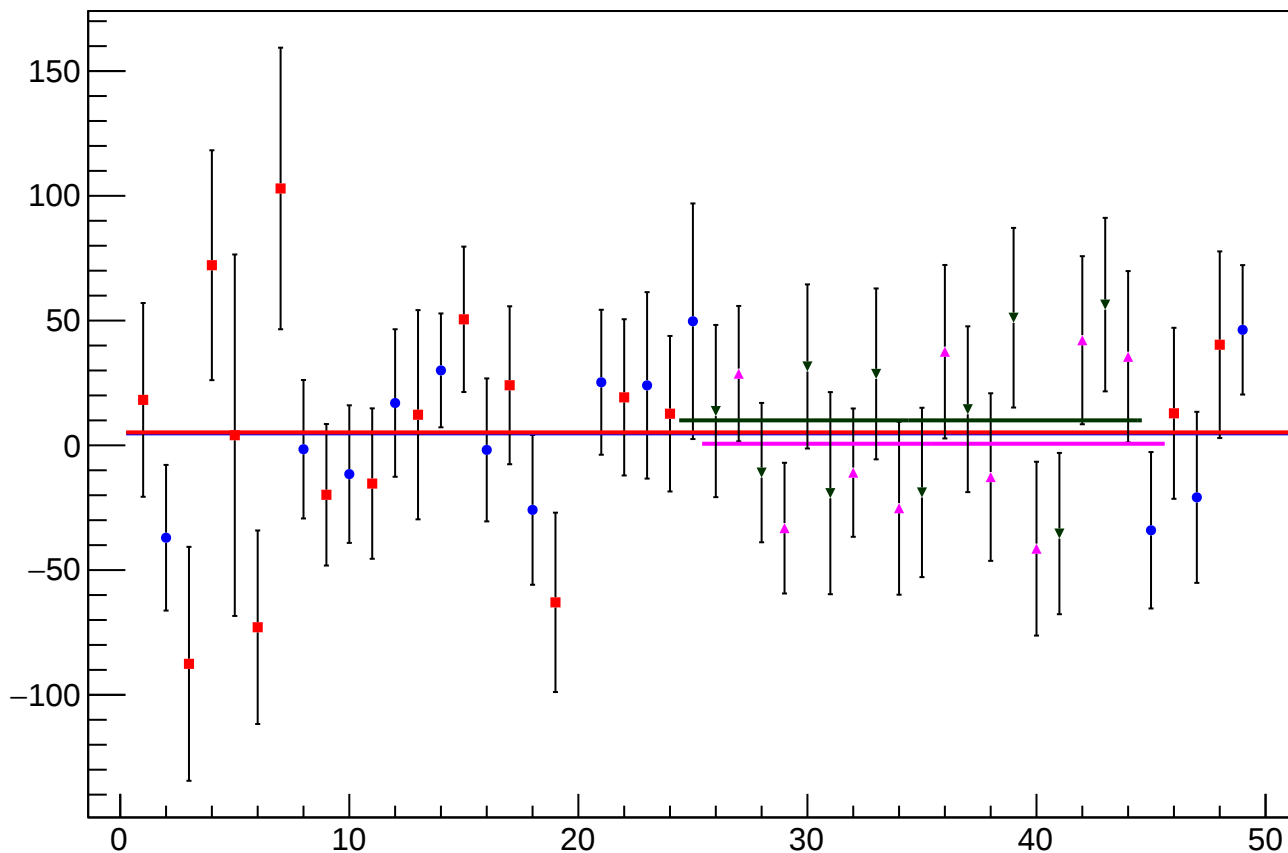
Left Out: 642.002+/-0.200 χ^2/NDF :127900.5/9

Right Out: 579.267+/-0.150 χ^2/NDF : 499918.8/15

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

593.615+/-0.081 χ^2/NDF : 1218305.5/47

reg_asym_left_dd_mean vs slug



Right In: 4.799+/-8.196 χ^2/NDF : 11.3/12

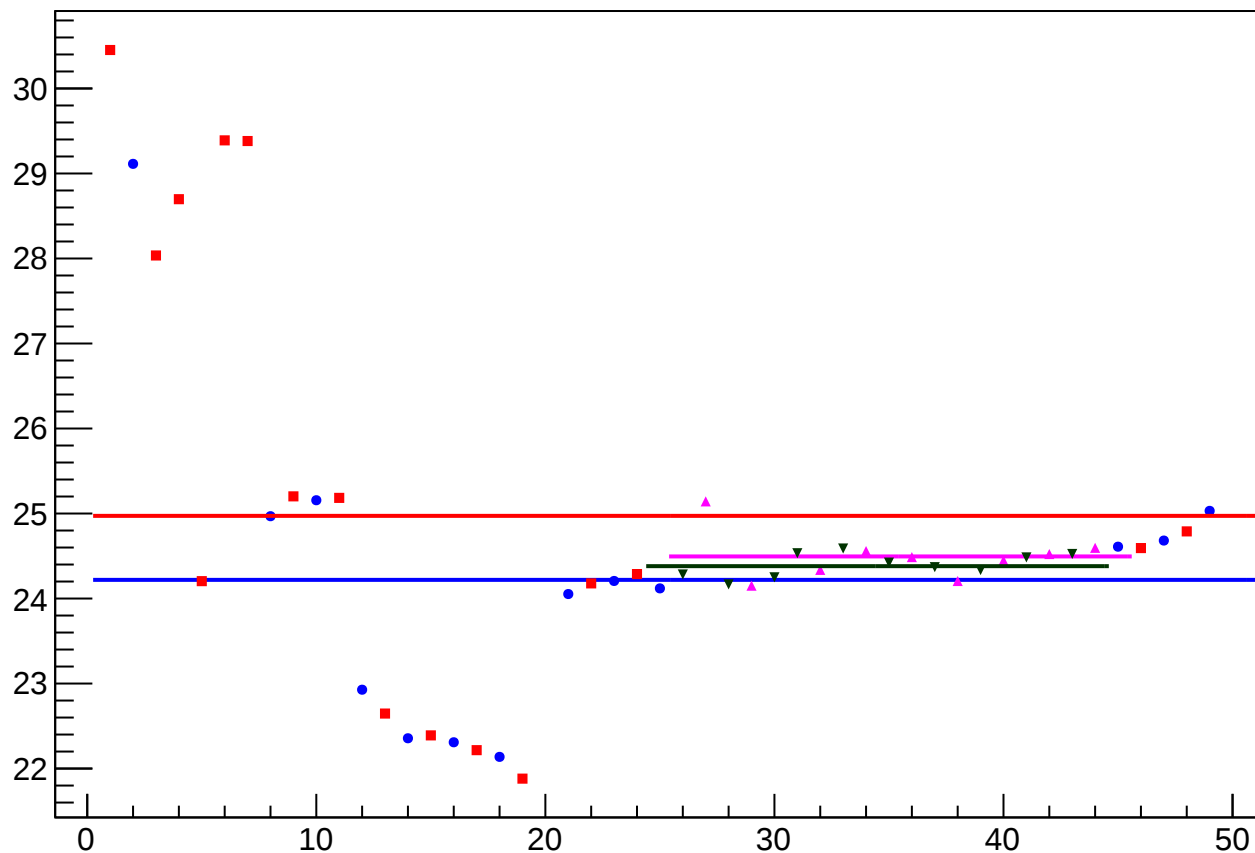
Left Out: 10.009+/-10.637 χ^2/NDF : 7.6/9

Right Out: 5.195+/-9.040 χ^2/NDF : 22.0/15

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

5.056+/-4.694 χ^2/NDF : 50.1/47

reg_asym_left_dd_rms vs slug



Right In: 24.220 $\pm$ 0.006 χ^2 /NDF: 98345.9/12

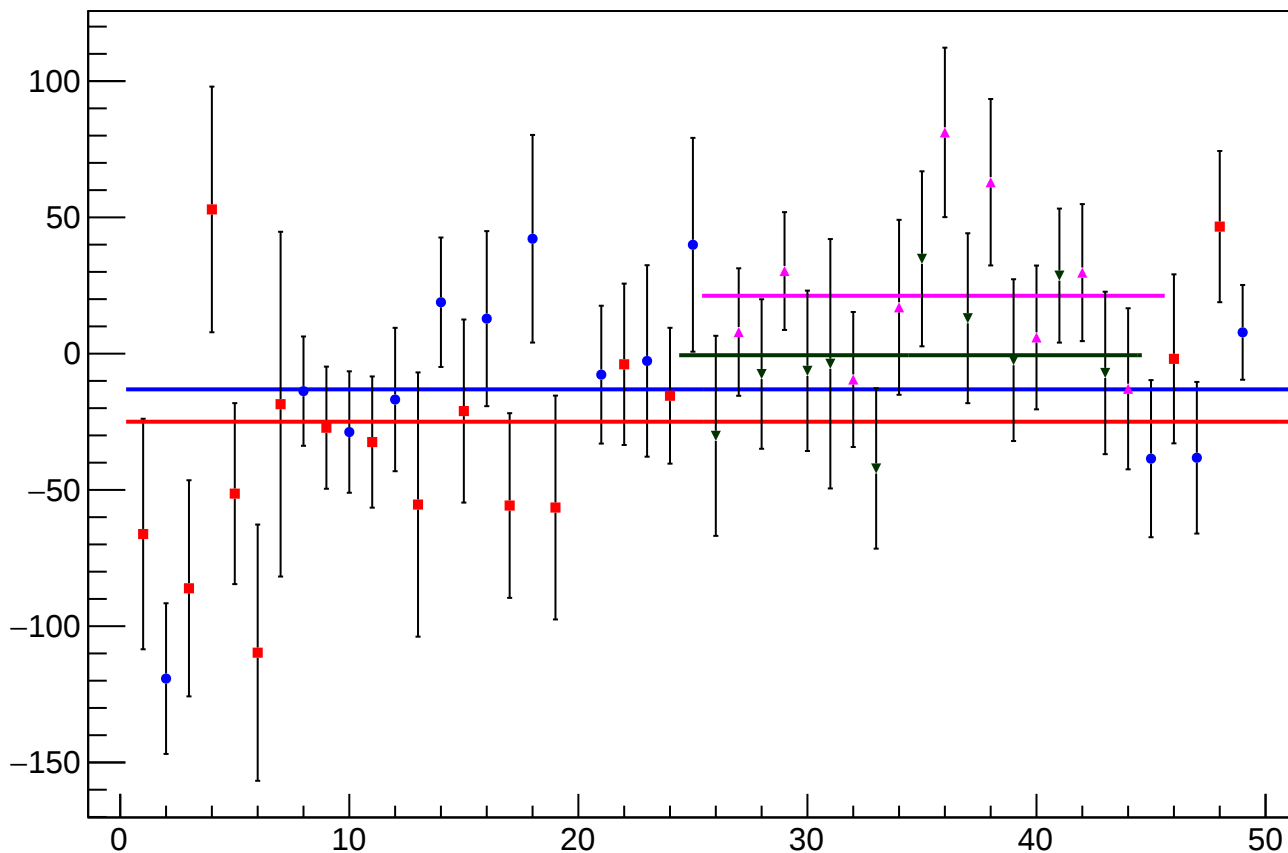
Left Out: 24.381 $\pm$ 0.008 χ^2 /NDF:328.3/9

Right Out: 24.973 $\pm$ 0.006 χ^2 /NDF: 154413.2/15

Left In: 24.495 $\pm$ 0.007 χ^2 /NDF:1736.5/8

24.511 $\pm$ 0.003 χ^2 /NDF: 262870.7/47

asym_left_dd_correction_mean vs slug



Right In: -13.102 ± 7.159 χ^2/NDF : 24.8/12

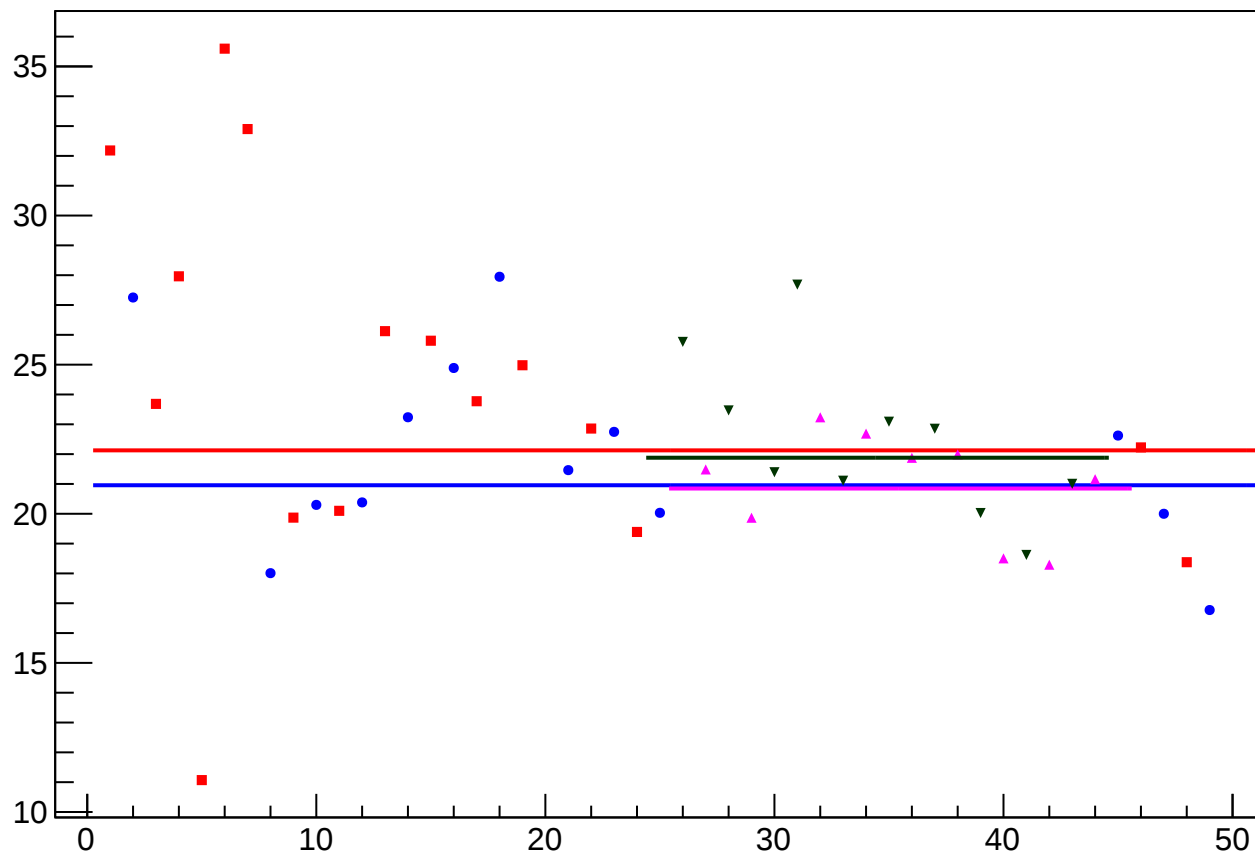
Left Out: -0.575 ± 9.634 χ^2/NDF : 5.6/9

-6.219 ± 4.152 χ^2/NDF : 76.0/47

Right Out: -24.974 ± 8.198 χ^2/NDF : 20.0/15

Left In: 21.238 ± 8.825 χ^2/NDF : 9.4/8

asym_left_dd_correction_rms vs slug



Right In: 20.957+/-0.005 χ^2/NDF : 397379.1/12

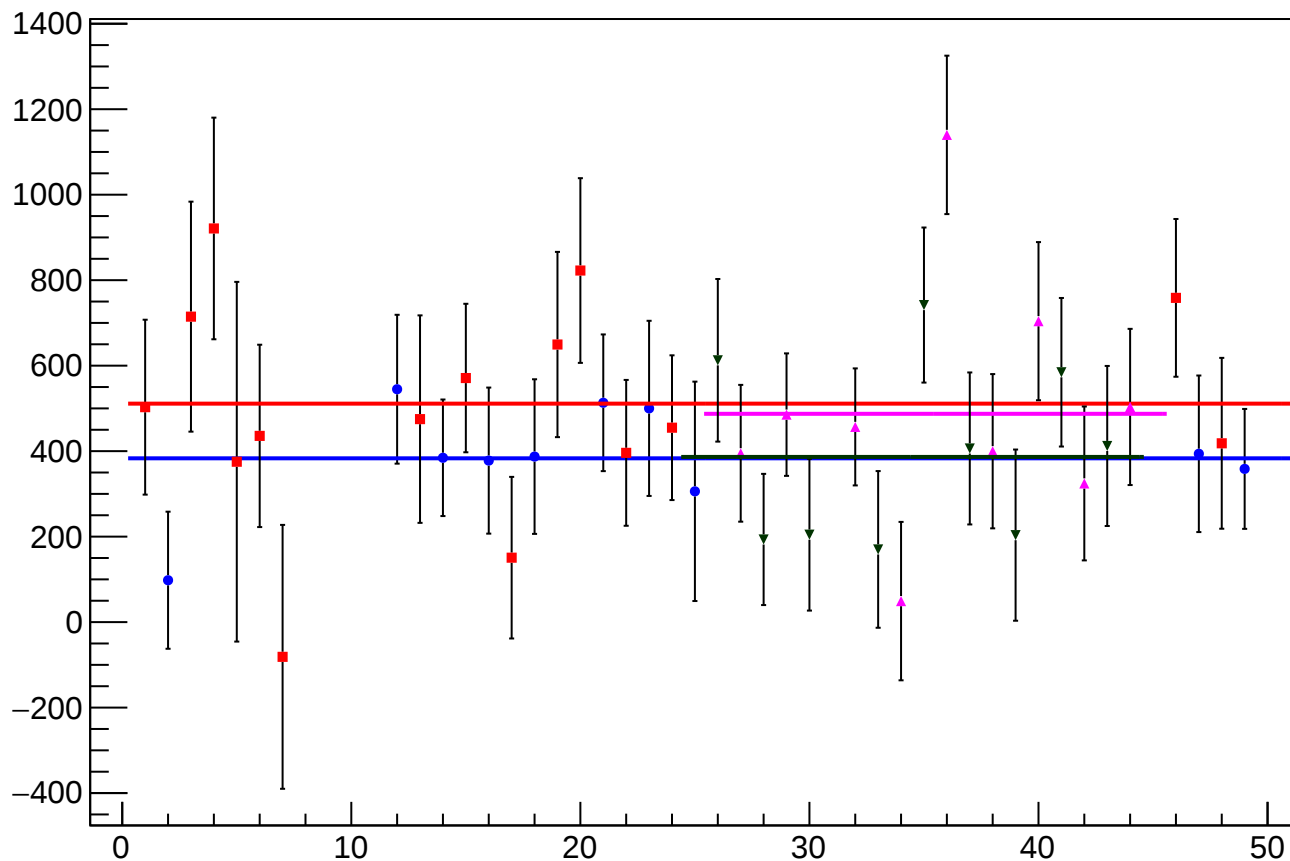
Left Out: 21.880+/-0.007 χ^2/NDF : 112645.4/9

Right Out: 22.126+/-0.006 χ^2/NDF : 742007.4/15

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

21.404+/-0.003 χ^2/NDF : 1360633.3/47

reg_asym_right_avg_mean vs slug



Right In: 383.214+/-53.511 χ^2/NDF : 5.1/9

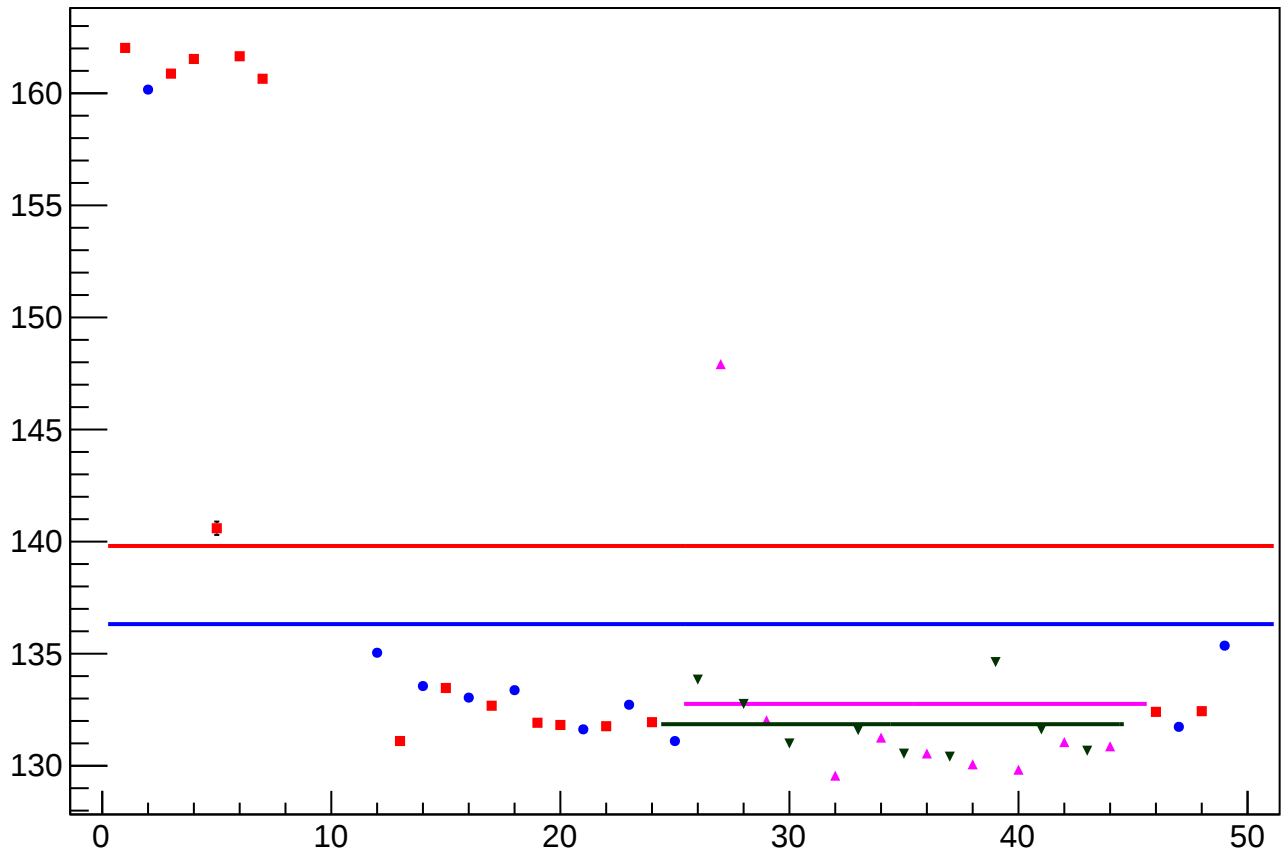
Left Out: 386.472+/-59.748 χ^2/NDF : 11.4/8

Right Out: 511.137+/-54.625 χ^2/NDF : 15.8/14

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

443.246+/-27.901 χ^2/NDF : 57.5/42

reg_asym_right_avg_rms vs slug



Right In: 136.320+/-0.038 χ^2/NDF : 50921.8/9

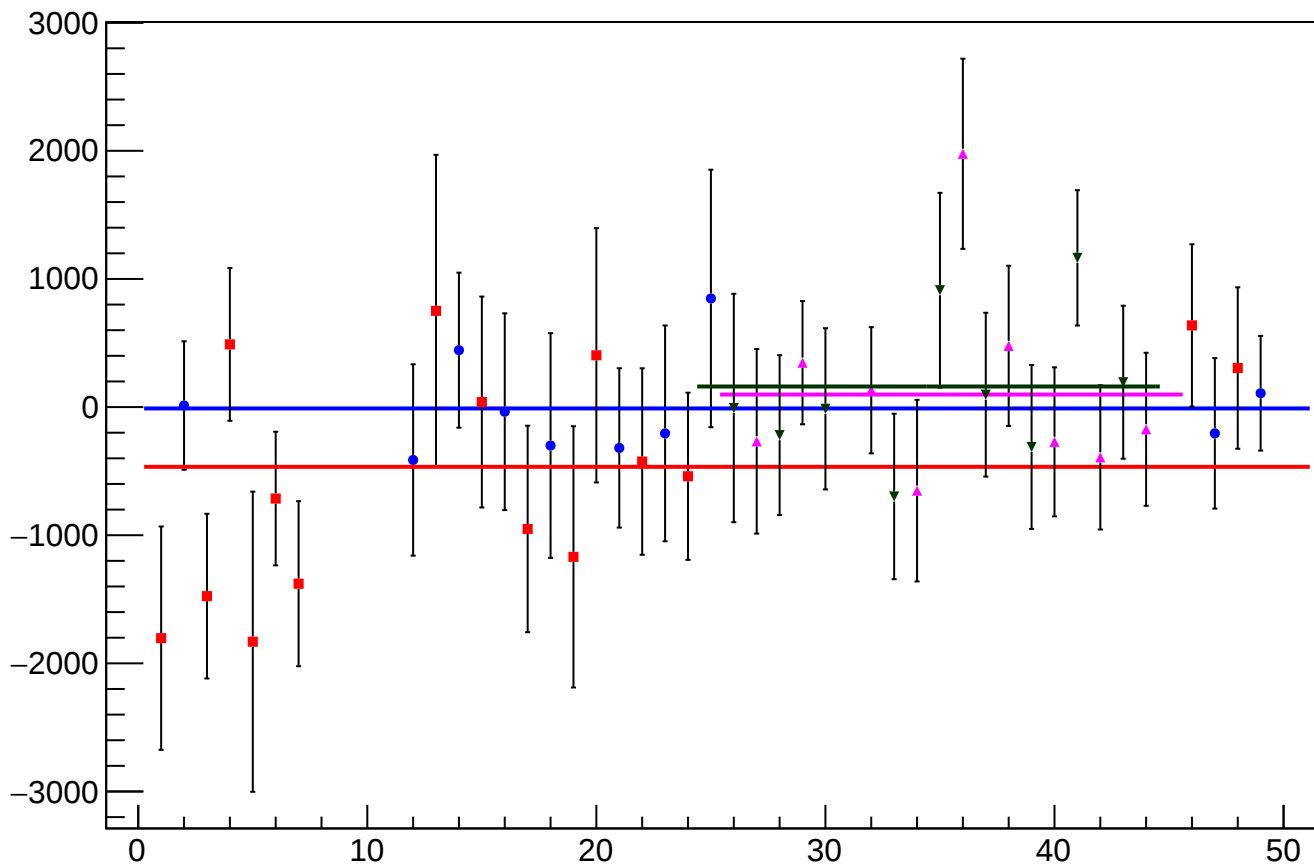
Left Out: 131.856+/-0.042 χ^2/NDF : 1042.7/8

135.369+/-0.020 χ^2/NDF : 206041.8/42

Right Out: 139.806+/-0.039 χ^2/NDF : 108128.9/14

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

asym_right_avg_correction_mean vs slug



Right In: -10.614 ± 202.532 χ^2/NDF : 2.2/9

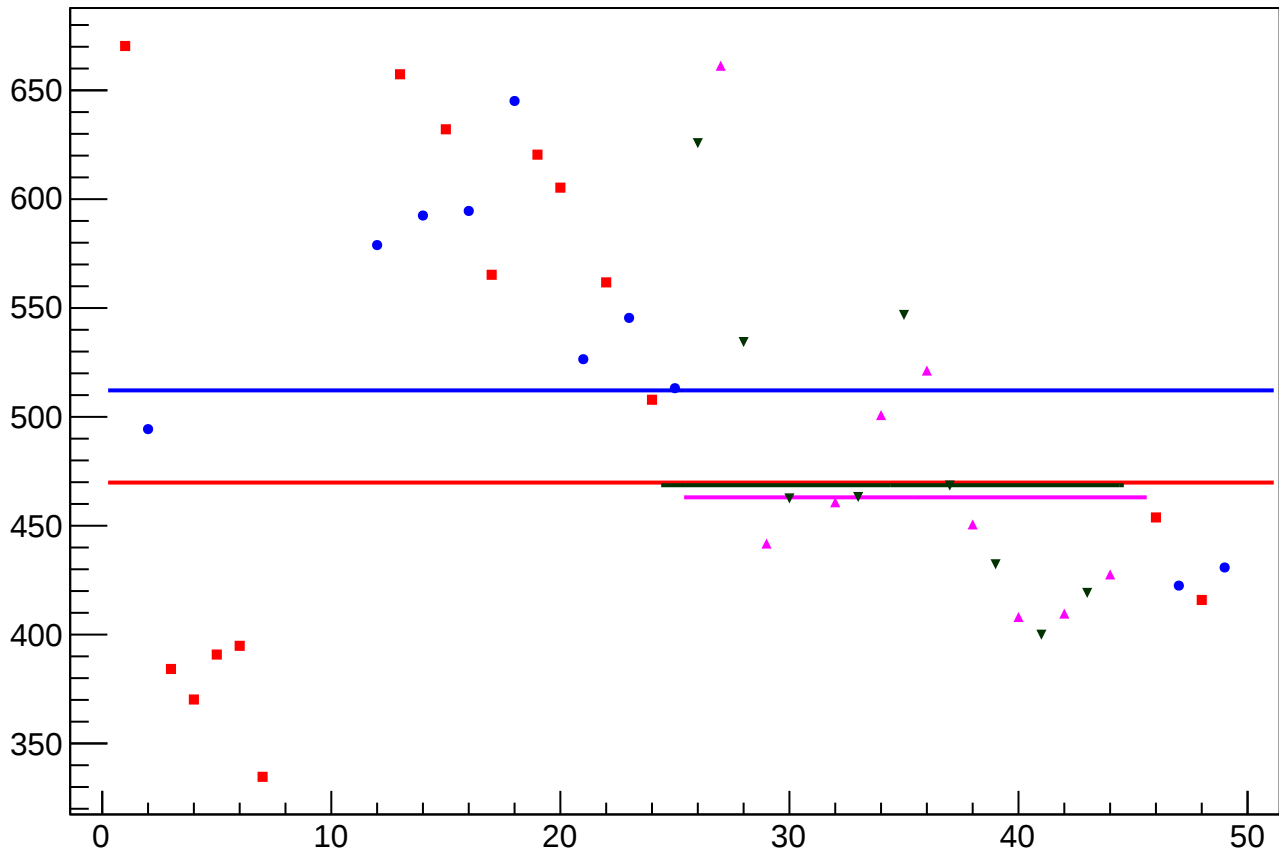
Left Out: 160.700 ± 214.338 χ^2/NDF : 7.4/8

-74.282 ± 99.954 χ^2/NDF : 44.3/42

Right Out: -466.132 ± 188.019 χ^2/NDF : 18.5/14

Left In: 97.893 ± 197.421 χ^2/NDF : 9.8/8

asym_right_avg_correction_rms vs slug



Right In: 512.168+/-0.143 χ^2/NDF : 239687.2/9

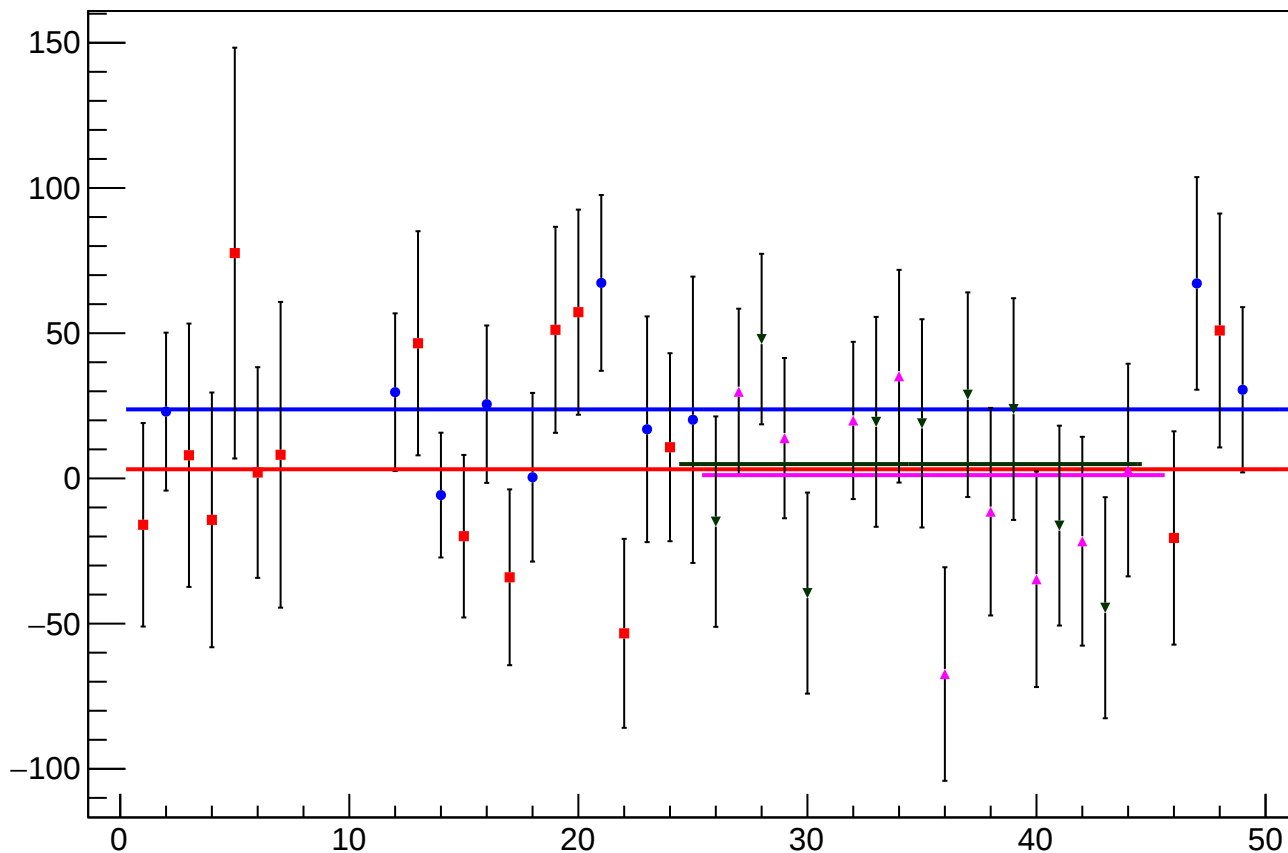
Left Out: 468.599+/-0.152 χ^2/NDF : 159871.6/8

Right Out: 469.829+/-0.133 χ^2/NDF : 624643.4/14

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

478.134+/-0.071 χ^2/NDF : 1317366.7/42

reg_asym_right_dd_mean vs slug



Right In: 23.772 $\pm$ 9.297 χ^2 /NDF: 6.2/9

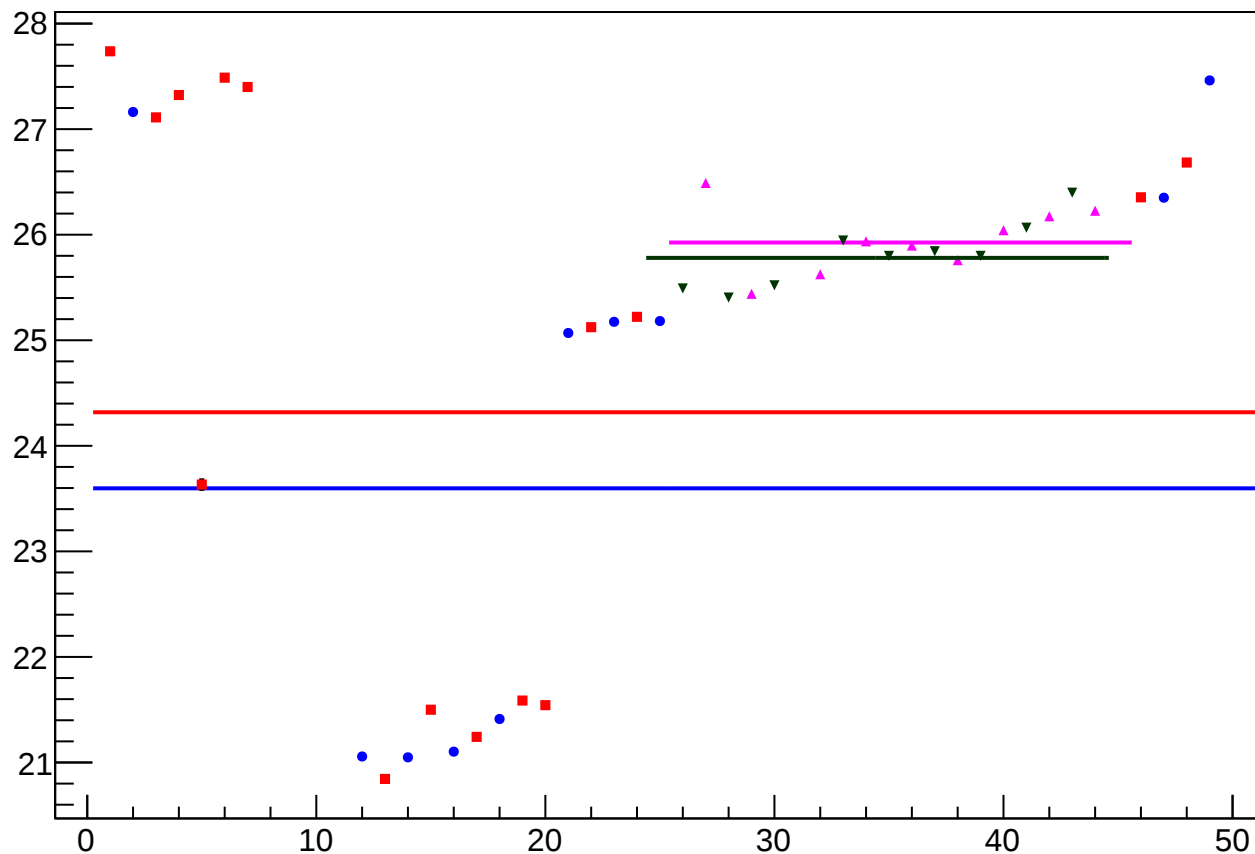
Left Out: 4.935 $\pm$ 11.682 χ^2 /NDF: 7.2/8

Right Out: 3.150 $\pm$ 9.519 χ^2 /NDF: 14.1/14

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

9.271 $\pm$ 5.107 χ^2 /NDF: 38.5/42

reg_asym_right_dd_rms vs slug



Right In: 23.597 $\pm$ 0.007 χ^2 /NDF: 166605.4/9

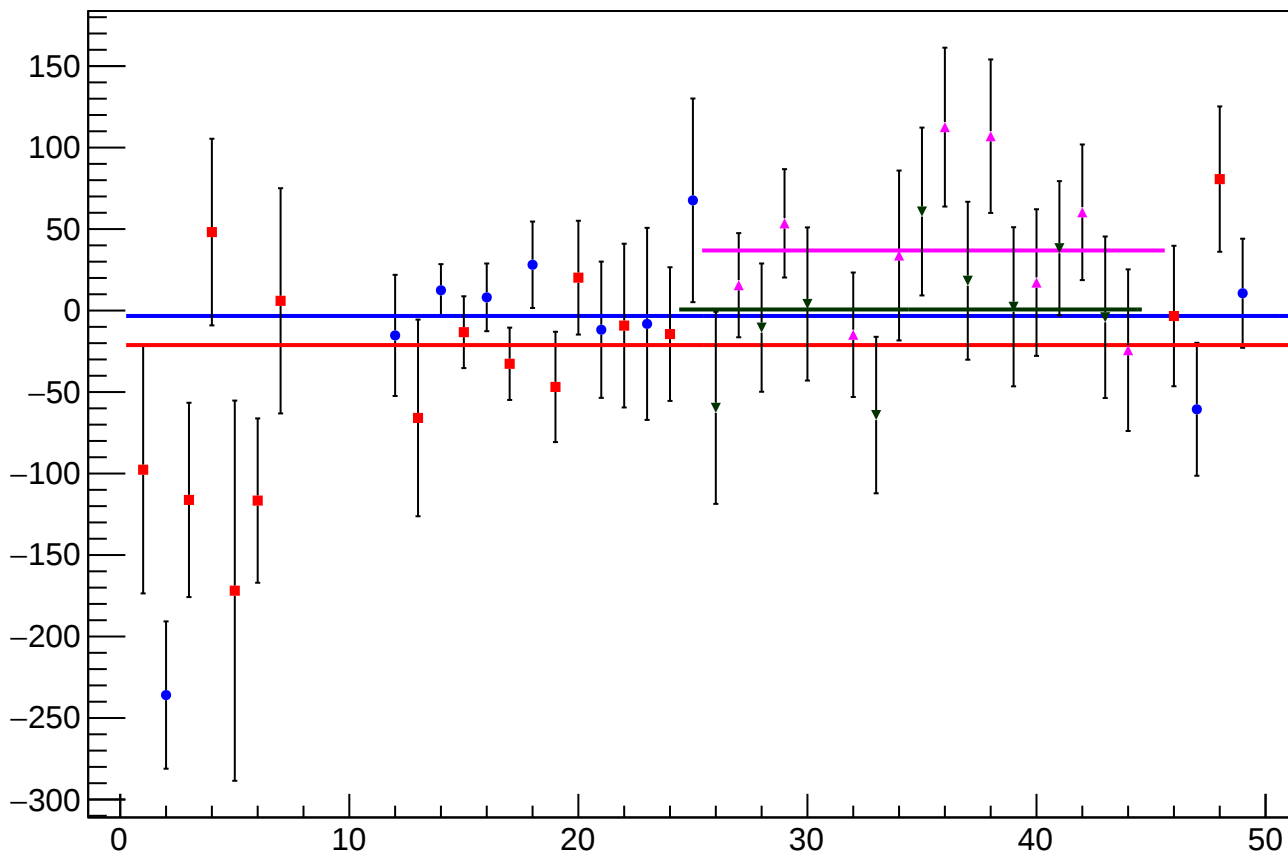
Left Out: 25.780 $\pm$ 0.008 χ^2 /NDF:1282.1/8

Right Out: 24.318 $\pm$ 0.007 χ^2 /NDF: 155543.0/14

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

24.733 $\pm$ 0.004 χ^2 /NDF: 399056.0/42

asym_right_dd_correction_mean vs slug



Right In: -3.315 ± 9.342 χ^2/NDF : 32.7/9

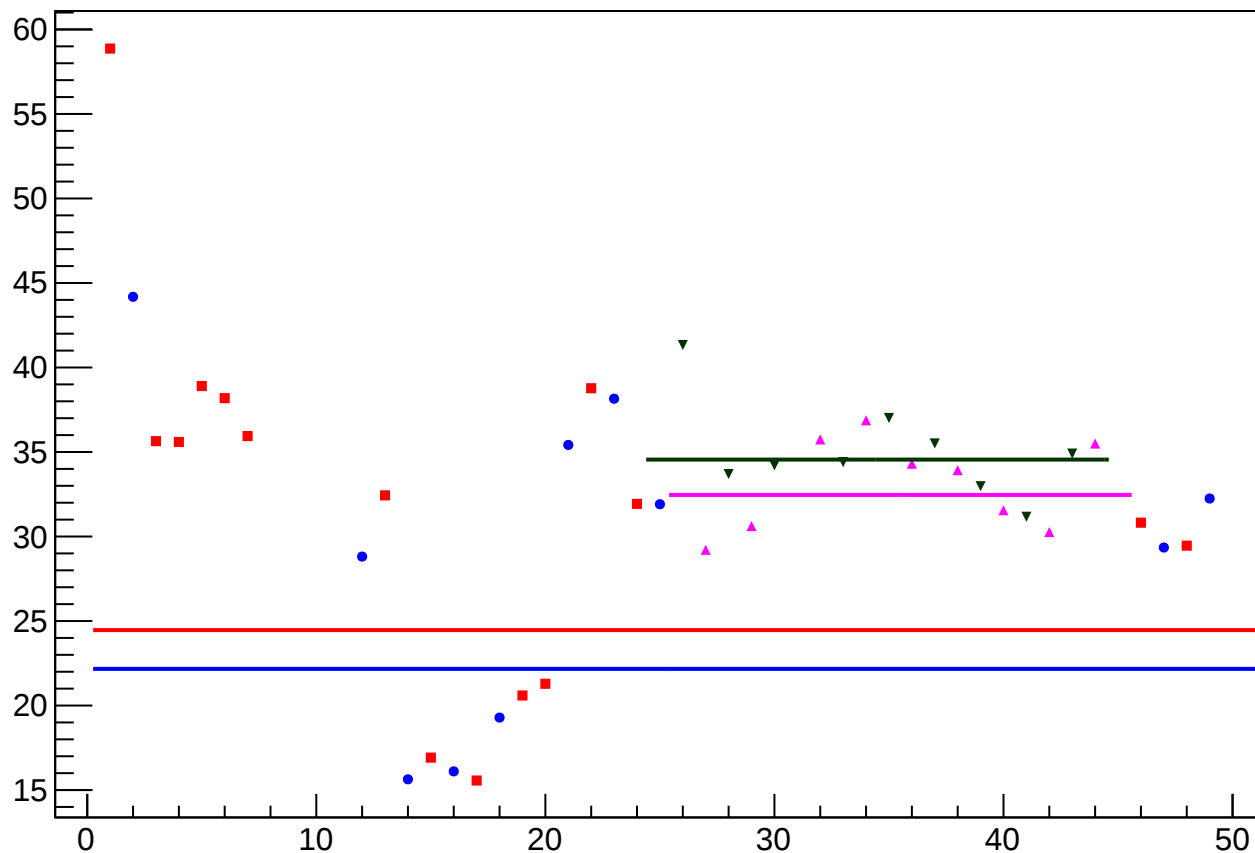
Left Out: 0.666 ± 15.731 χ^2/NDF : 5.3/8

Right Out: -21.177 ± 10.244 χ^2/NDF : 18.8/14

Left In: 36.865 ± 13.752 χ^2/NDF : 9.2/8

-1.392 ± 5.743 χ^2/NDF : 77.6/42

asym_right_dd_correction_rms vs slug



Right In: 22.169+/-0.007 χ^2/NDF : 1704992.9/9

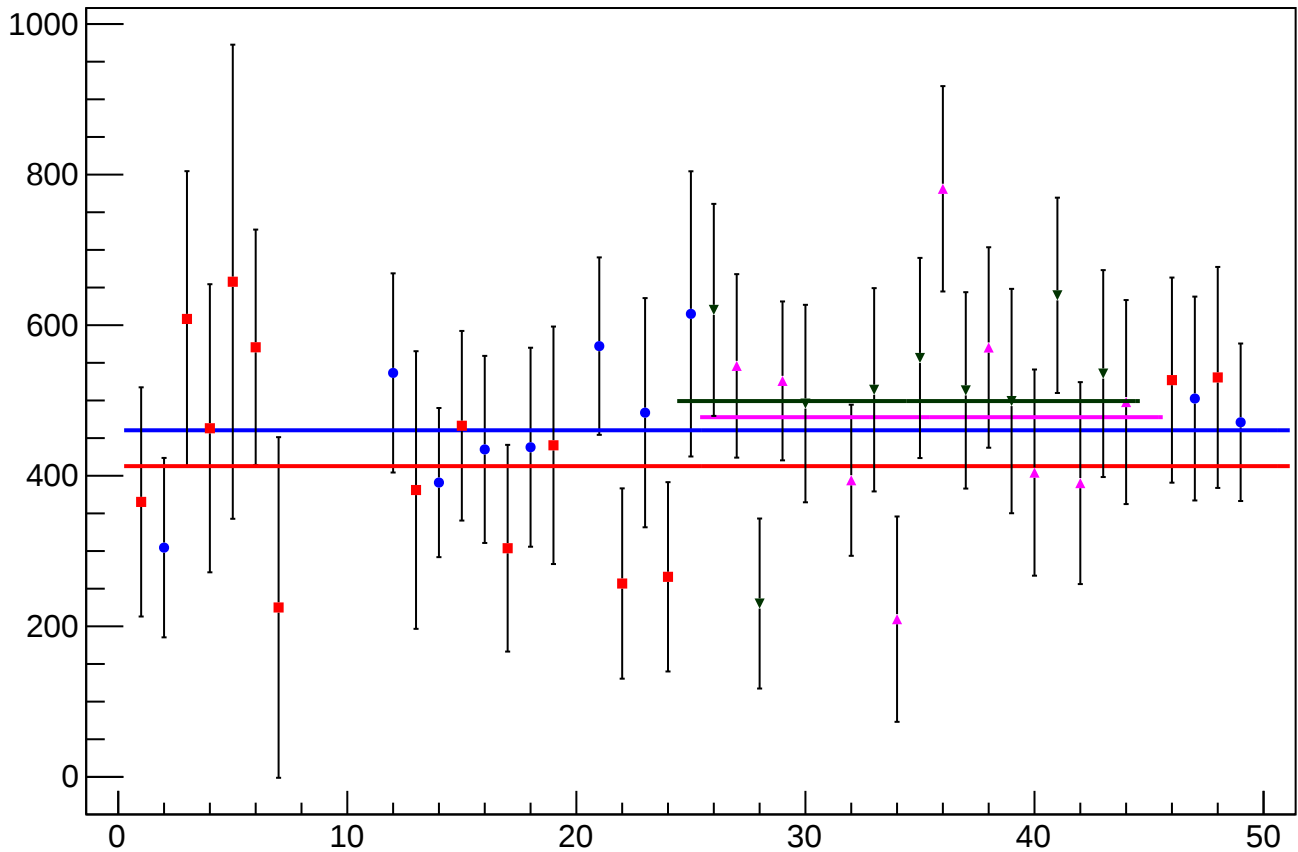
Left Out: 34.552+/-0.011 χ^2/NDF : 48582.2/8

Right Out: 24.463+/-0.007 χ^2/NDF : 1722438.9/14

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

26.336+/-0.004 χ^2/NDF : 4957380.5/42

reg_asym_us_avg_mean vs slug



Right In: 460.406 $\pm$ 39.513 χ^2 /NDF: 4.3/9

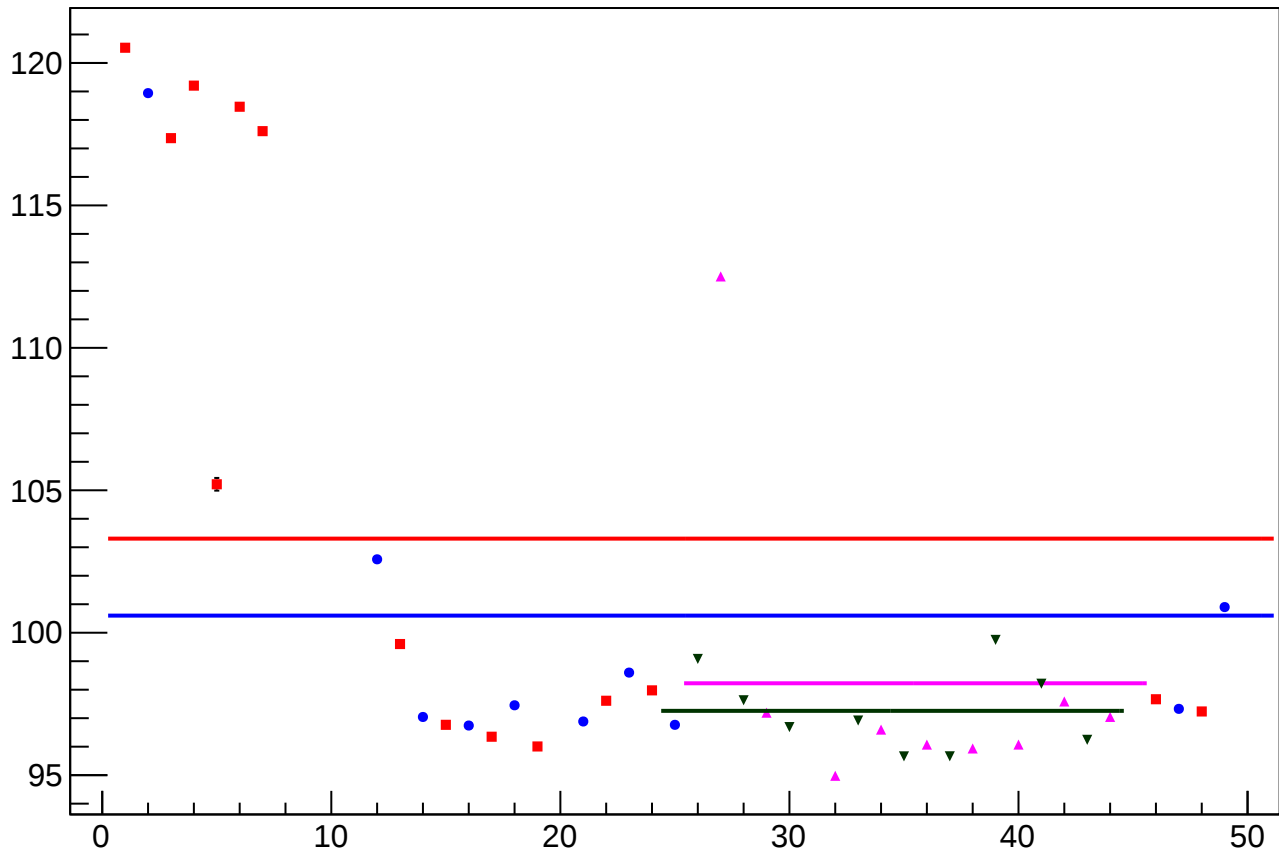
Left Out: 499.205 $\pm$ 44.079 χ^2 /NDF: 7.9/8

Right Out: 412.780 $\pm$ 41.564 χ^2 /NDF: 8.6/13

Left In: 477.806 $\pm$ 41.389 χ^2 /NDF: 11.3/8

461.509 $\pm$ 20.771 χ^2 /NDF: 34.3/41

reg_asym_us_avg_rms vs slug



Right In: 100.601+/-0.028 χ^2/NDF : 57813.7/9

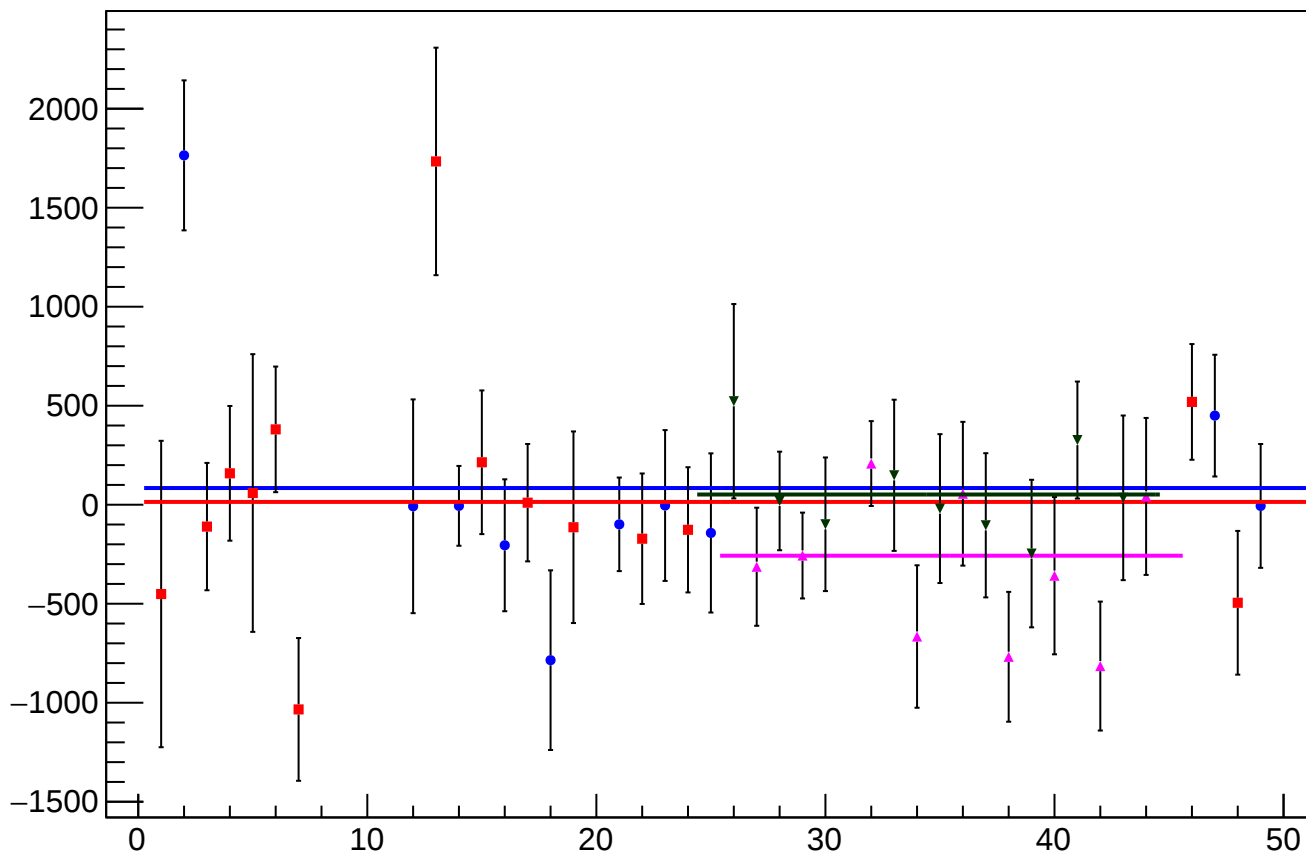
Left Out: 97.257+/-0.031 χ^2/NDF : 1771.7/8

99.935+/-0.015 χ^2/NDF : 222561.3/41

Right Out: 103.303+/-0.029 χ^2/NDF : 106665.2/13

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

asym_us_avg_correction_mean vs slug



Right In: 84.289+/-99.651 χ^2/NDF : 26.8/9

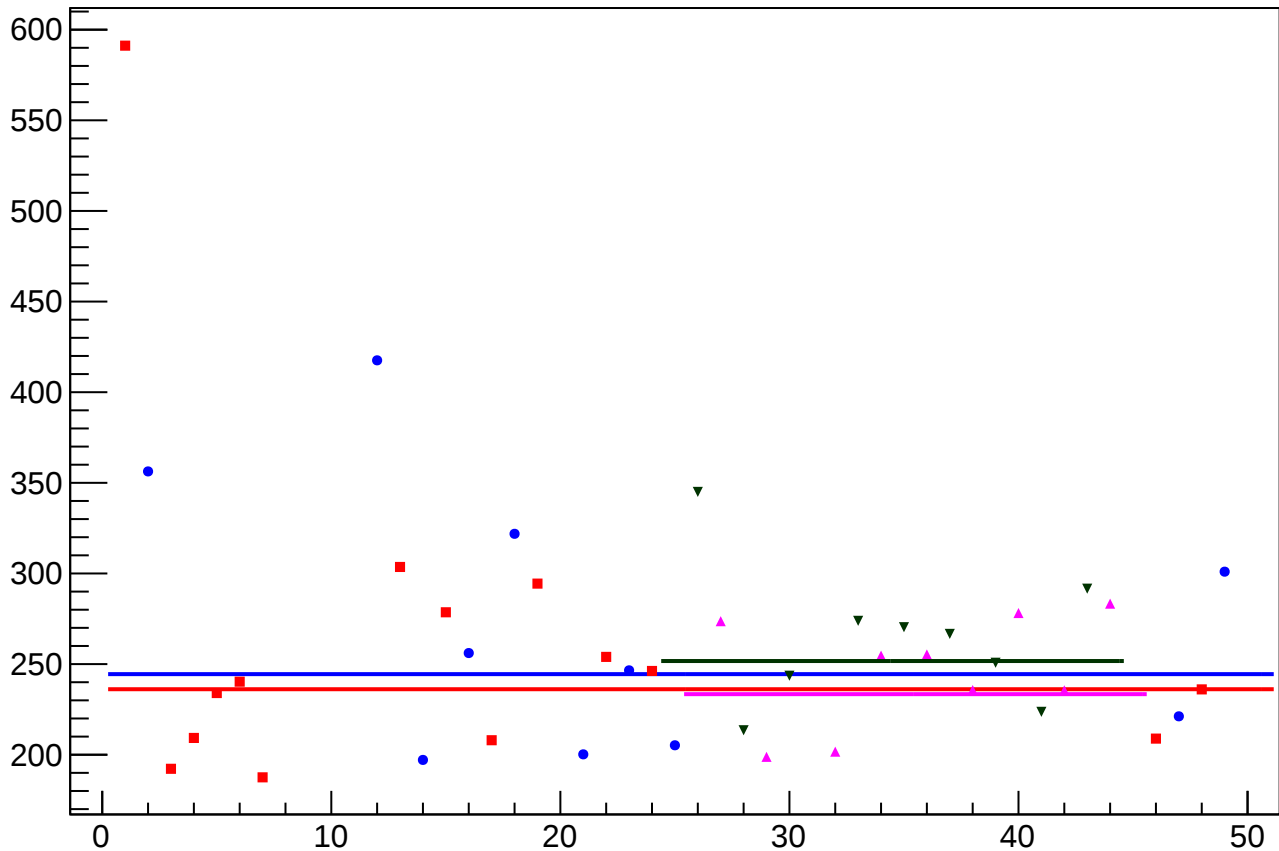
Left Out: 51.608+/-115.473 χ^2/NDF : 2.9/8

Right Out: 14.172+/-97.848 χ^2/NDF : 25.3/13

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

-31.948+/-51.218 χ^2/NDF : 75.0/41

asym_us_avg_correction_rms vs slug



Right In: 244.463+/-0.070 χ^2/NDF : 717104.5/9

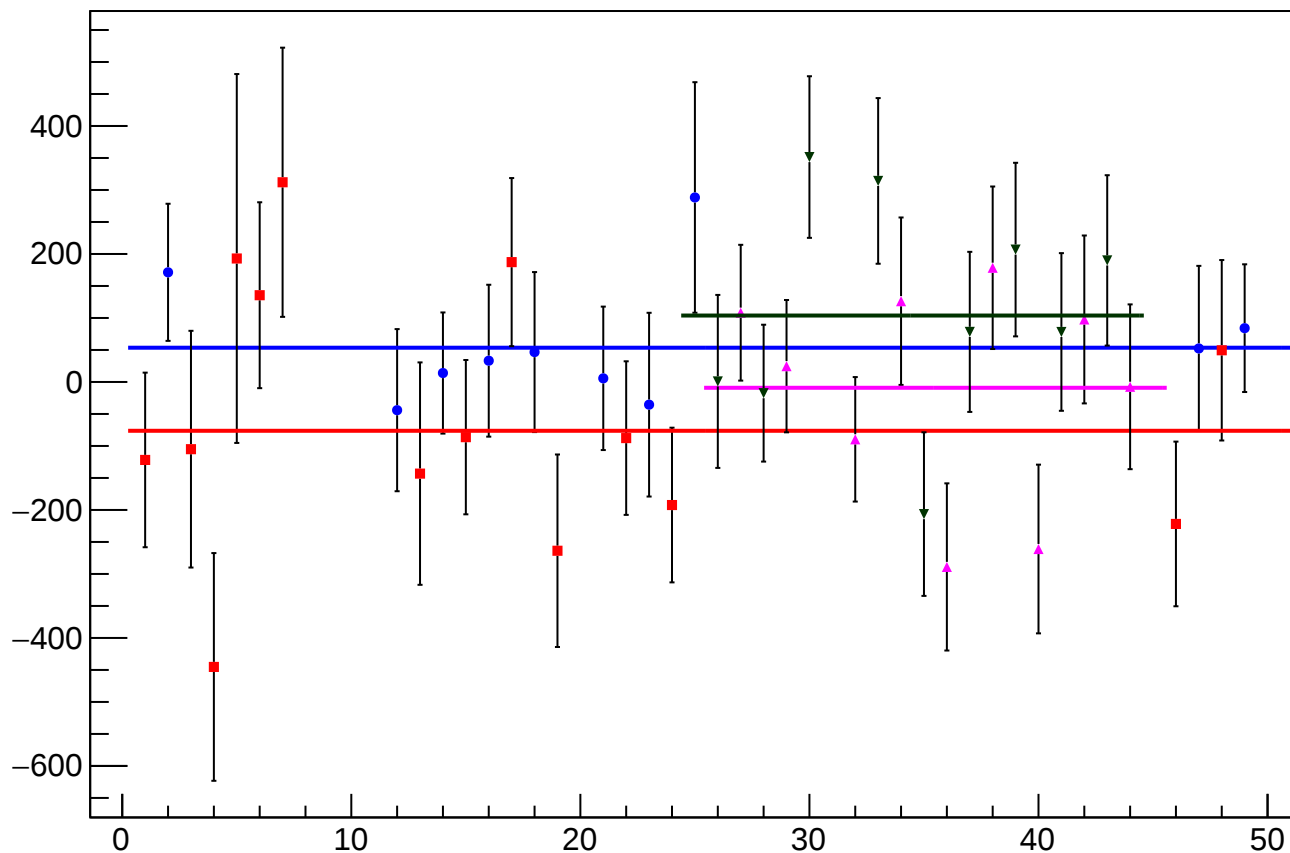
Left Out: 251.694+/-0.082 χ^2/NDF : 171994.2/8

240.677+/-0.036 χ^2/NDF : 1762758.8/41

Right Out: 236.140+/-0.069 χ^2/NDF : 634878.1/13

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

reg_asym_us_dd_mean vs slug



Right In: 53.528+/-37.384 χ^2/NDF : 4.4/9

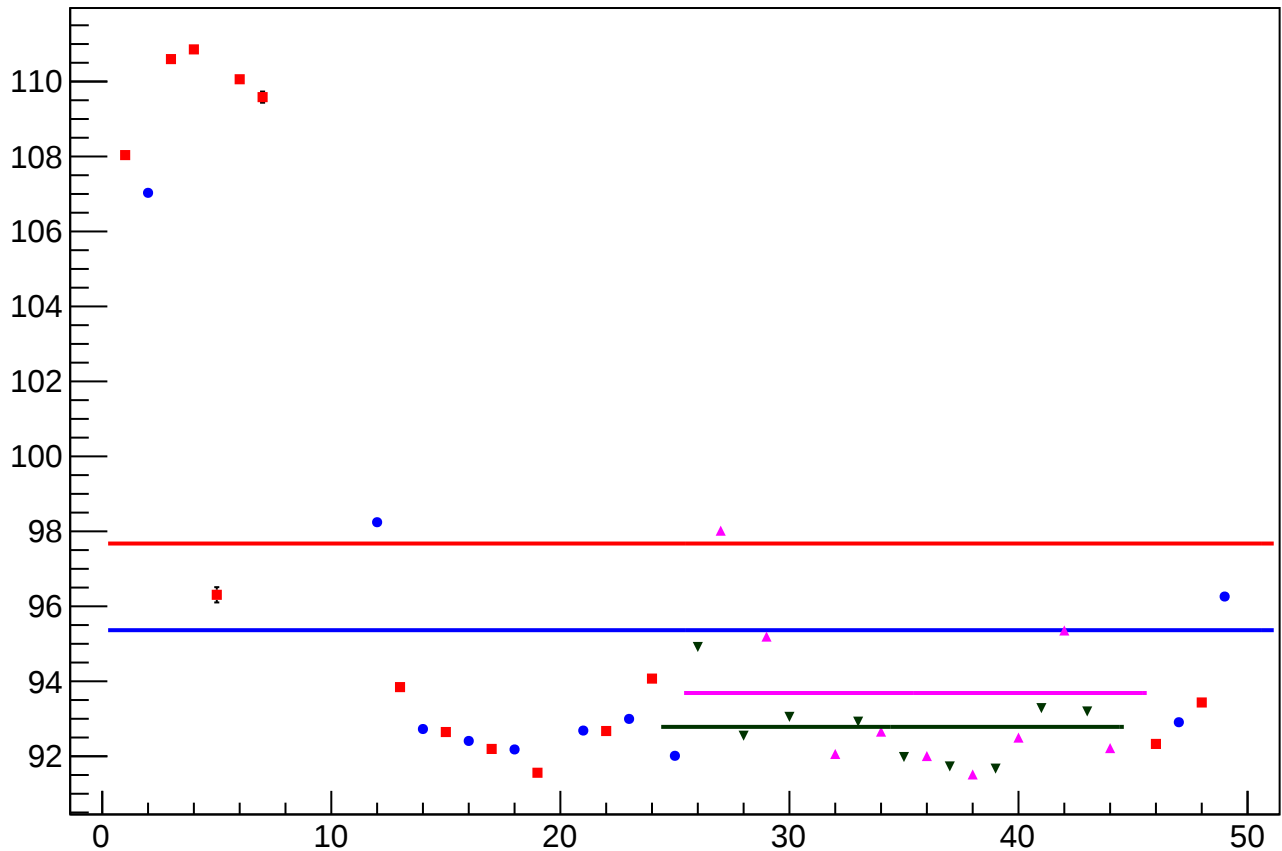
Left Out: 103.808+/-42.016 χ^2/NDF : 15.3/8

Right Out: -76.284+/-39.244 χ^2/NDF : 19.6/13

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

16.209+/-19.709 χ^2/NDF : 64.8/41

reg_asym_us_dd_rms vs slug



Right In: 95.363+/-0.026 χ^2/NDF : 32109.0/9

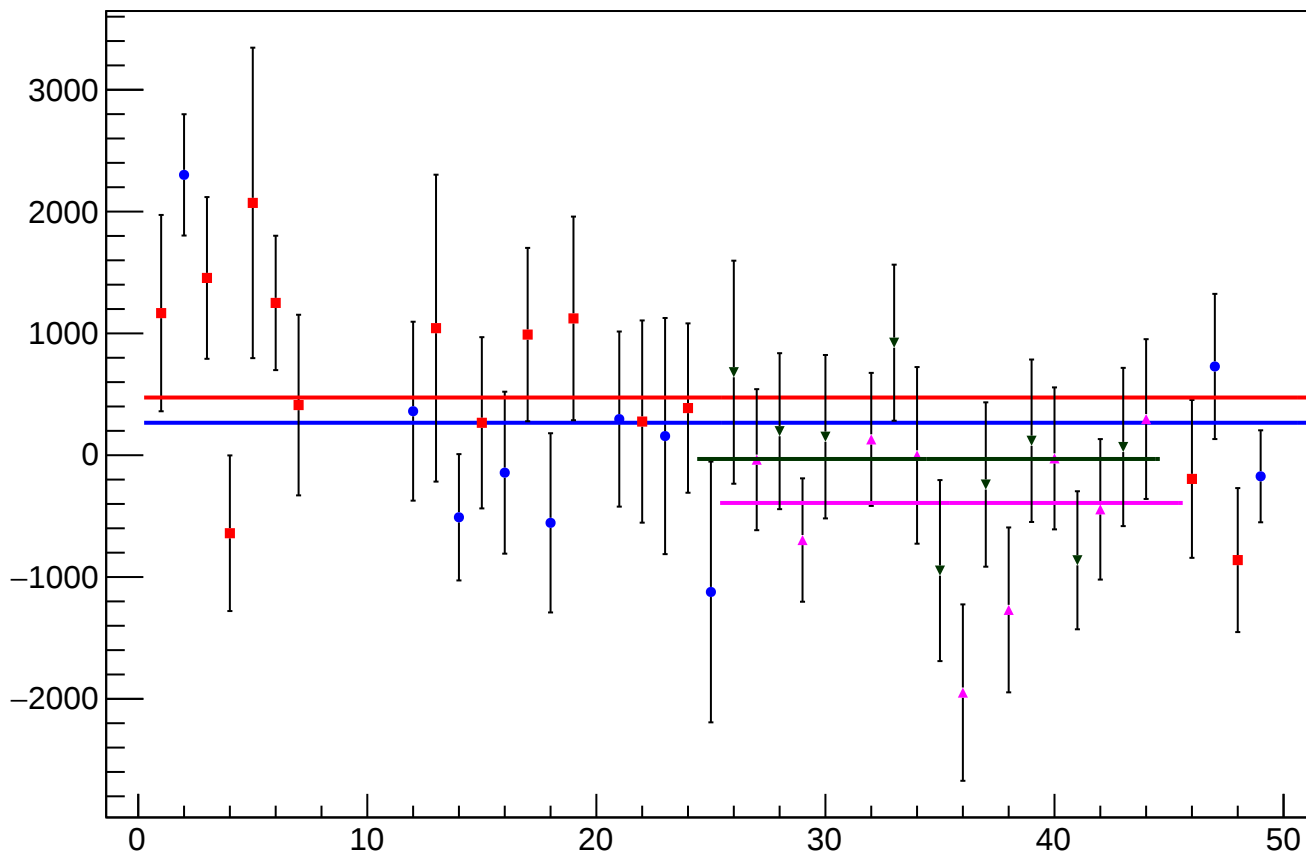
Left Out: 92.784+/-0.030 χ^2/NDF : 926.8/8

94.960+/-0.014 χ^2/NDF : 131428.4/41

Right Out: 97.675+/-0.028 χ^2/NDF : 75037.3/13

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

asym_us_dd_correction_mean vs slug



Right In: 266.432 ± 190.964 χ^2/NDF : 24.2/9

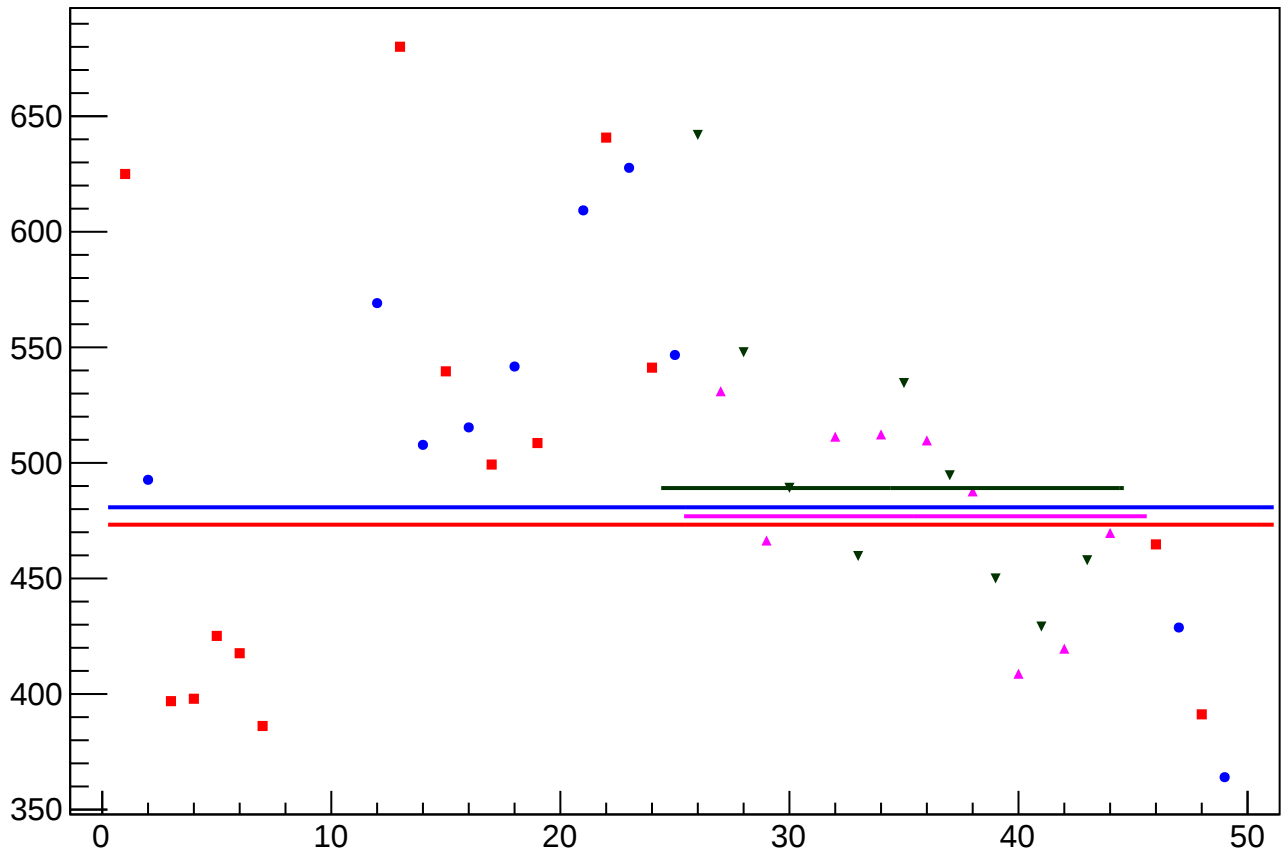
Left Out: -30.846 ± 223.404 χ^2/NDF : 6.9/8

Right Out: 473.665 ± 193.132 χ^2/NDF : 17.2/13

Left In: -391.795 ± 202.006 χ^2/NDF : 9.8/8

99.070 ± 100.619 χ^2/NDF : 68.8/41

asym_us_dd_correction_rms vs slug



Right In: 480.794+/-0.135 χ^2/NDF : 378567.7/9

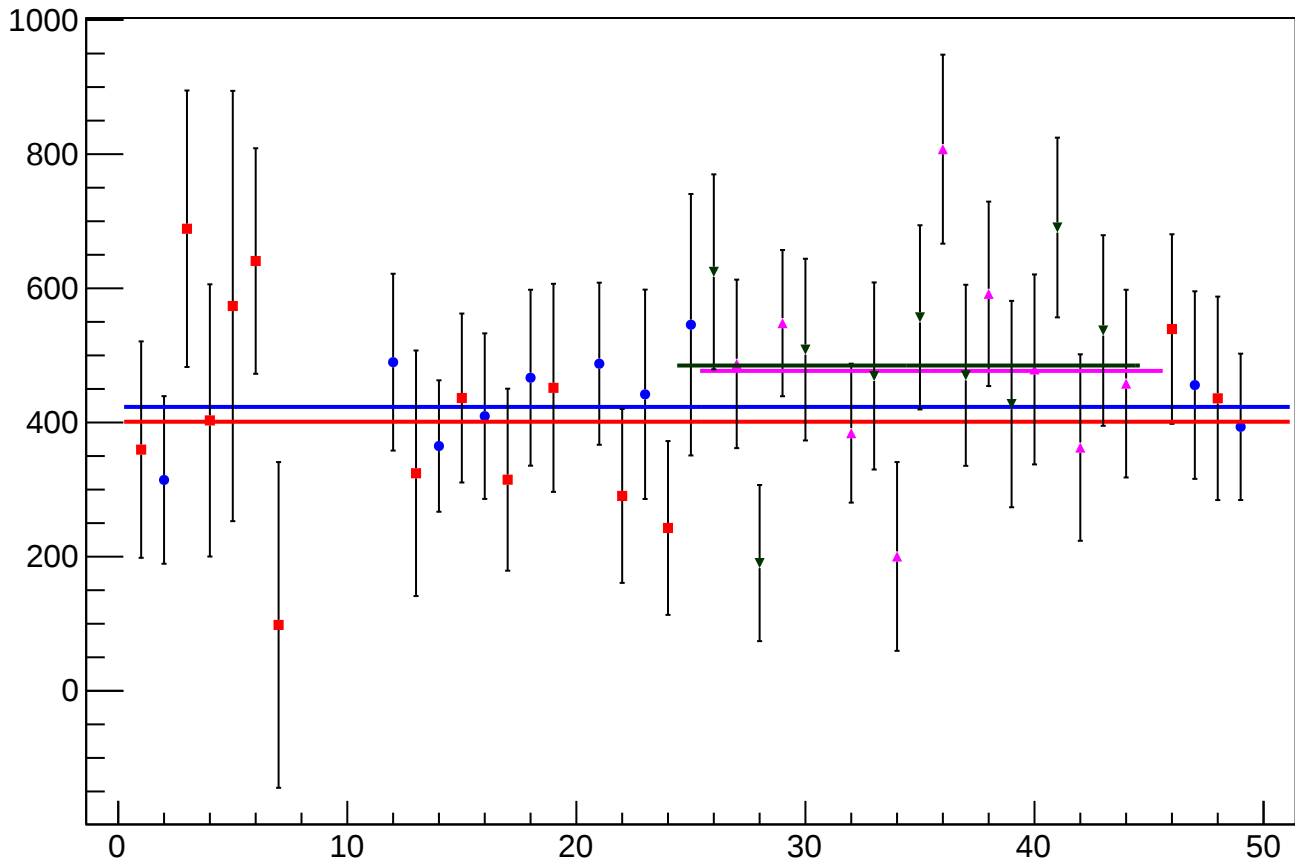
Left Out: 489.117+/-0.158 χ^2/NDF :118259.2/8

Right Out: 473.270+/-0.137 χ^2/NDF : 393363.6/13

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

479.477+/-0.071 χ^2/NDF : 979377.3/41

reg_asym_ds_avg_mean vs slug



Right In: 423.223+/-40.136 χ^2/NDF : 2.3/9

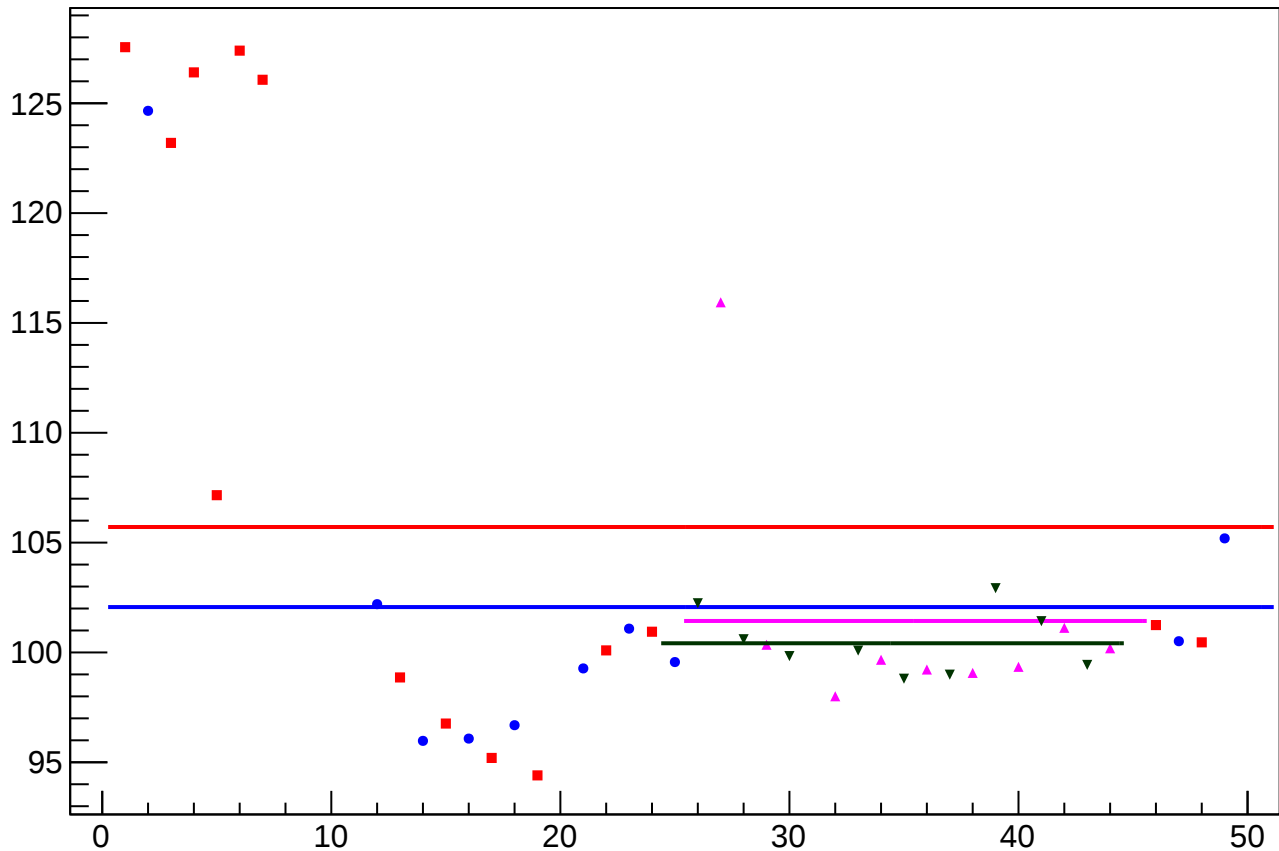
Left Out: 484.931+/-45.520 χ^2/NDF :10.3/8

Right Out: 401.134+/-42.645 χ^2/NDF : 9.9/13

Left In: 476.911+/-42.742 χ^2/NDF :12.0/8

444.591+/-21.317 χ^2/NDF : 37.2/41

reg_asym_ds_avg_rms vs slug



Right In: 102.066+/-0.028 χ^2/NDF : 84565.1/9

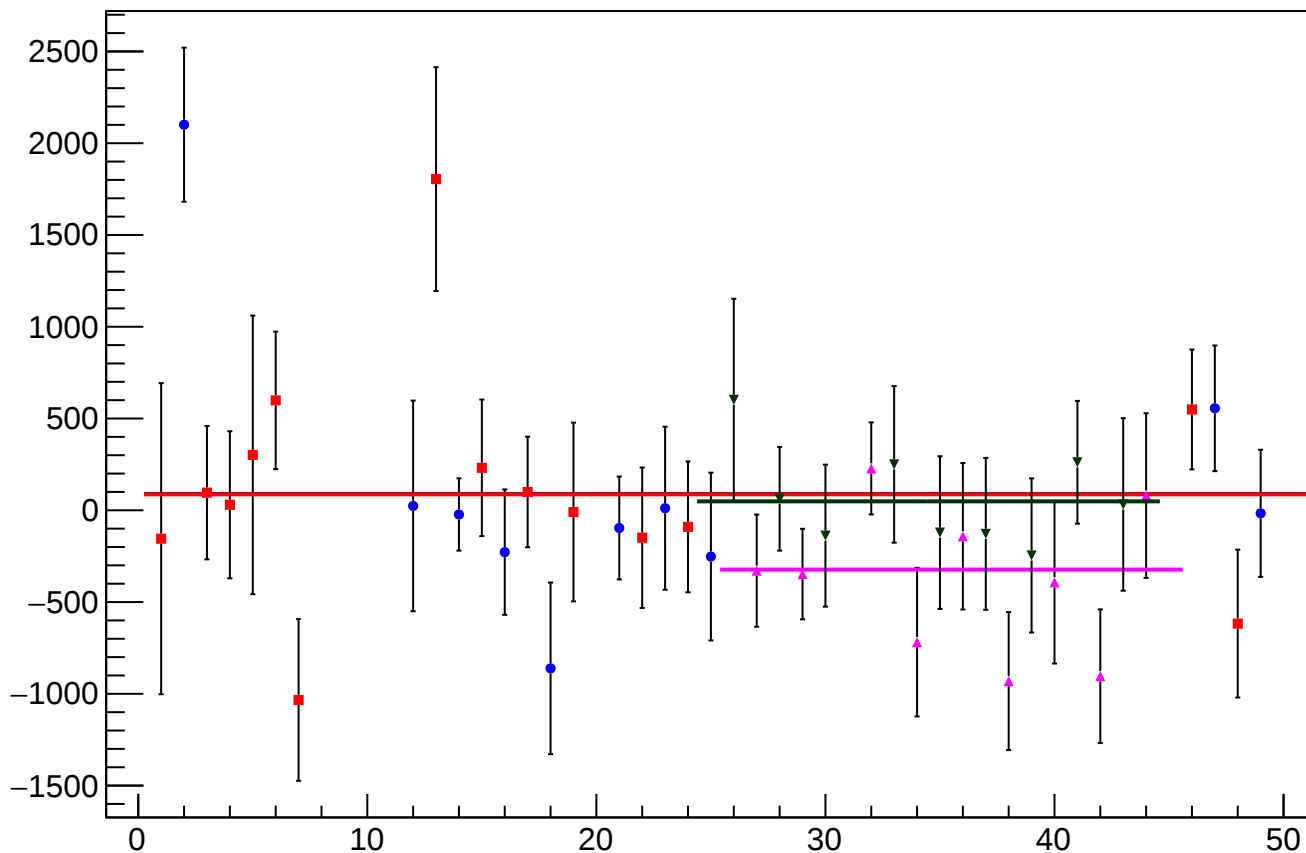
Left Out: 100.418+/-0.032 χ^2/NDF : 1608.4/8

102.458+/-0.015 χ^2/NDF : 299905.8/41

Right Out: 105.710+/-0.030 χ^2/NDF : 165657.6/13

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

asym_ds_avg_correction_mean vs slug



Right In: 88.960 $\pm$ 107.180 χ^2 /NDF: 31.3/9

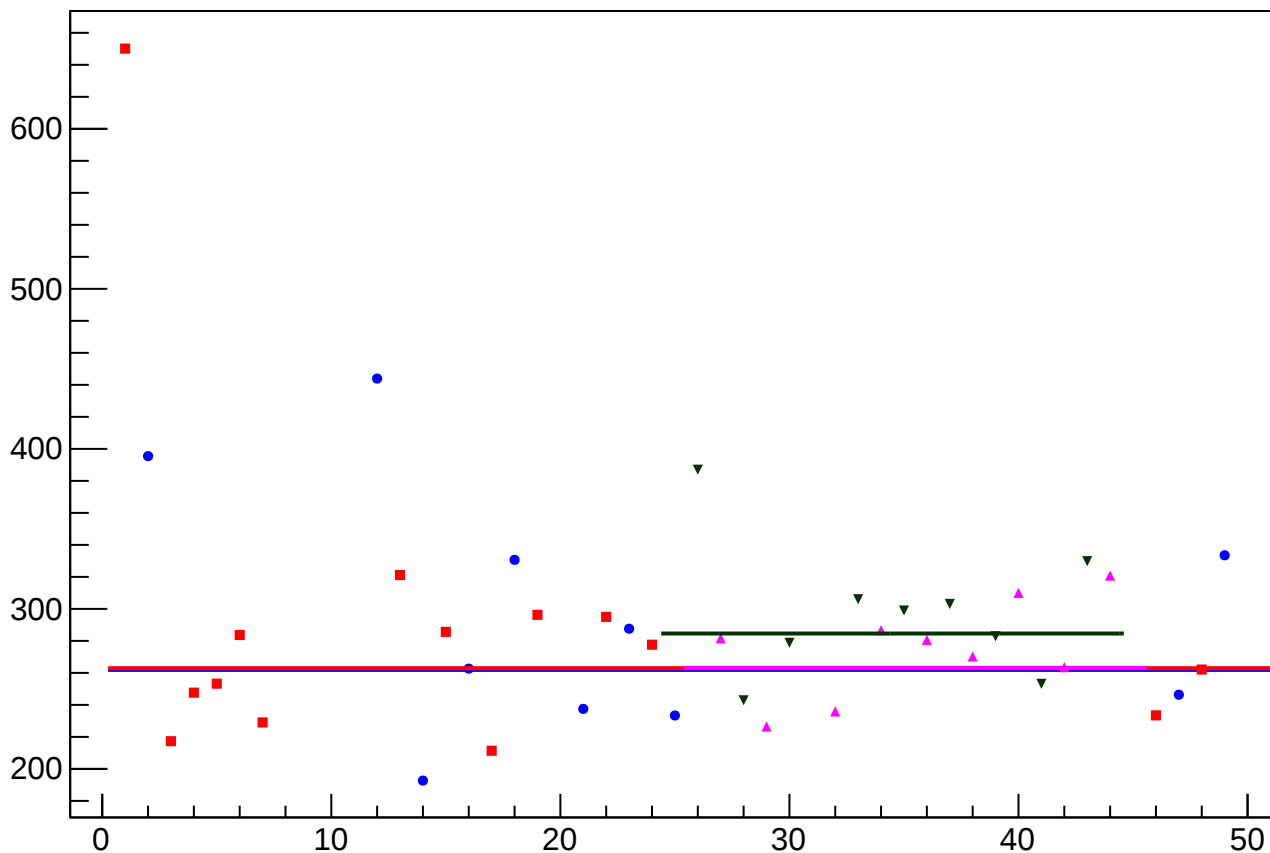
Left Out: 48.612 $\pm$ 130.479 χ^2 /NDF: 2.7/8

Right Out: 87.034 $\pm$ 108.717 χ^2 /NDF: 22.3/13

Left In: -323.204 $\pm$ 111.749 χ^2 /NDF: 12.0/8

-25.505 $\pm$ 56.753 χ^2 /NDF: 77.9/41

asym_ds_avg_correction_rms vs slug



Right In: 261.872+/-0.076 χ^2/NDF : 812697.8/9

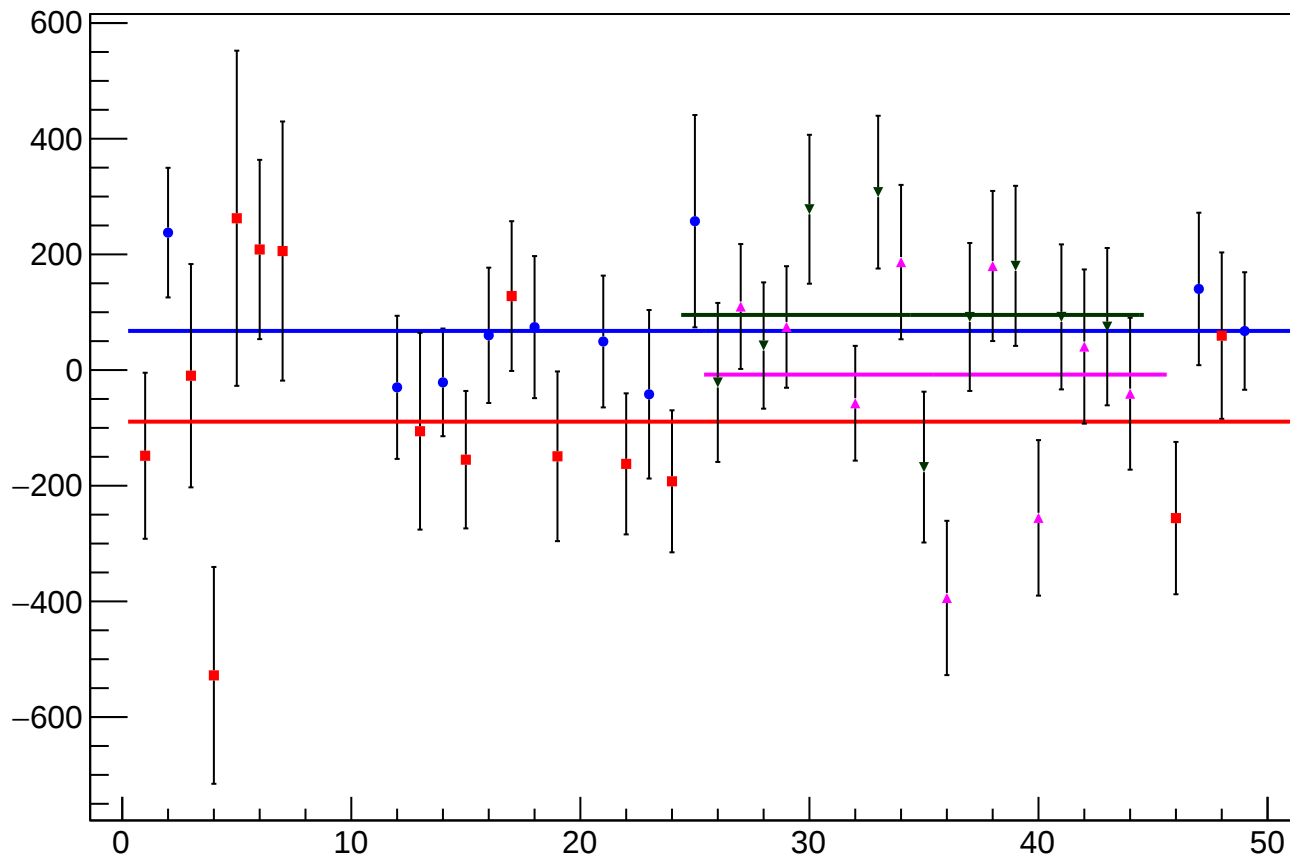
Left Out: 284.597+/-0.092 χ^2/NDF :160790.3/8

266.778+/-0.040 χ^2/NDF : 1758968.5/41

Right Out: 262.941+/-0.077 χ^2/NDF : 597579.9/13

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

reg_asym_ds_dd_mean vs slug



Right In: 67.668 ± 37.585 $\chi^2/\text{NDF}: 5.8/9$

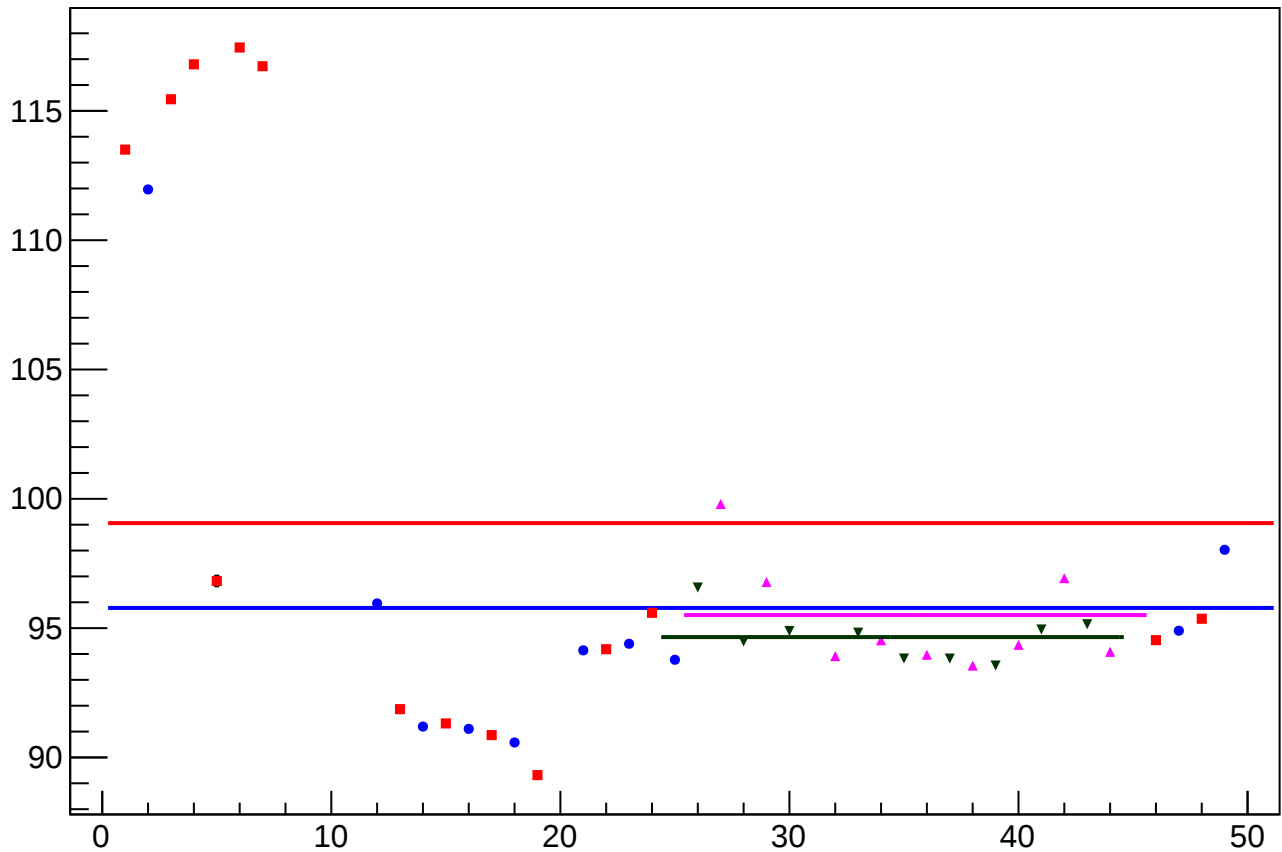
Left Out: 95.335 ± 42.864 $\chi^2/\text{NDF}: 10.0/8$

Right Out: -89.212 ± 39.897 $\chi^2/\text{NDF}: 19.7/13$

Left In: -7.854 ± 40.192 $\chi^2/\text{NDF}: 18.2/8$

15.557 ± 20.002 $\chi^2/\text{NDF}: 66.4/41$

reg_asym_ds_dd_rms vs slug



Right In: 95.781 $\pm$ 0.027 χ^2 /NDF: 55248.2/9

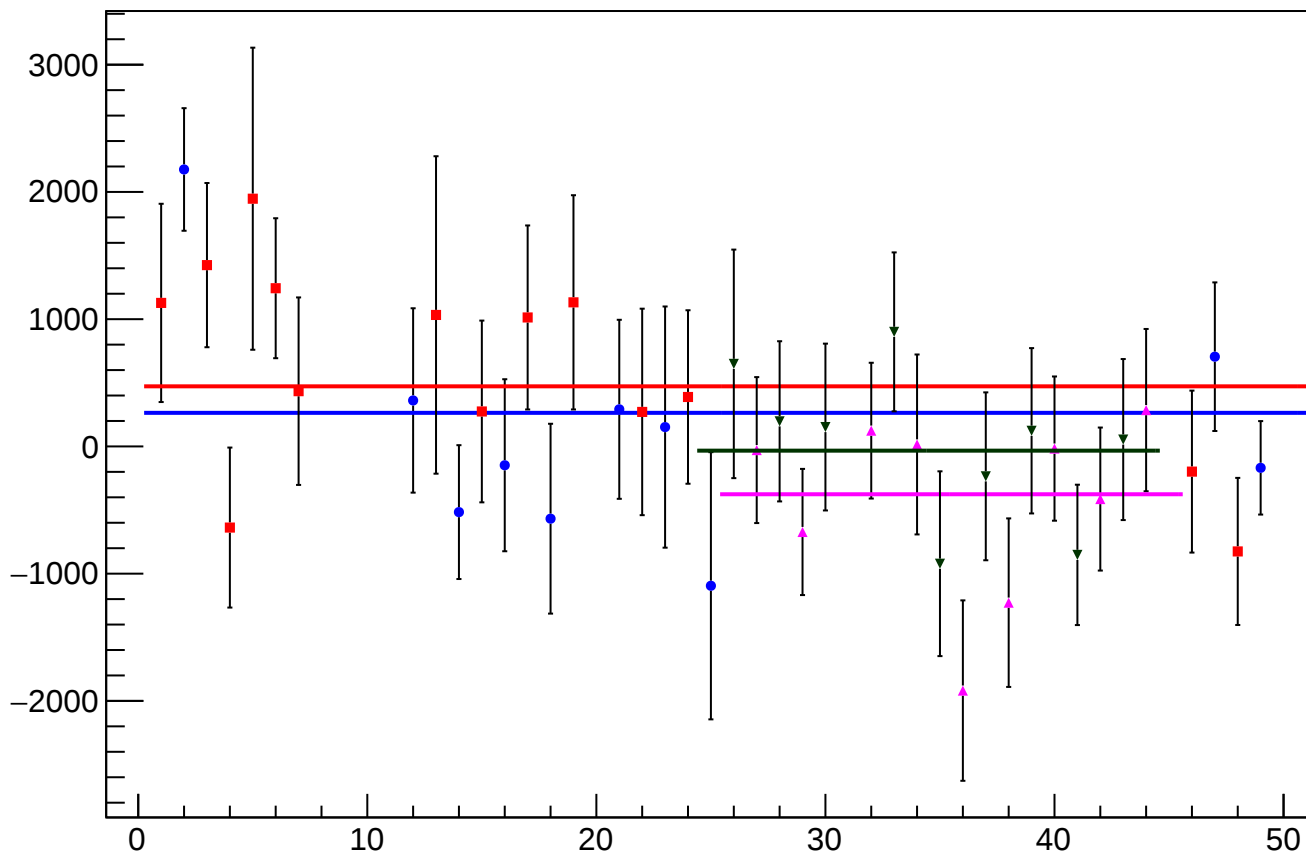
Left Out: 94.654 $\pm$ 0.030 χ^2 /NDF: 732.0/8

Right Out: 99.061 $\pm$ 0.028 χ^2 /NDF: 130658.0/13

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

96.292 $\pm$ 0.014 χ^2 /NDF: 205737.0/41

asym_ds_dd_correction_mean vs slug



Right In: 263.883+/-188.306 χ^2/NDF : 23.2/9

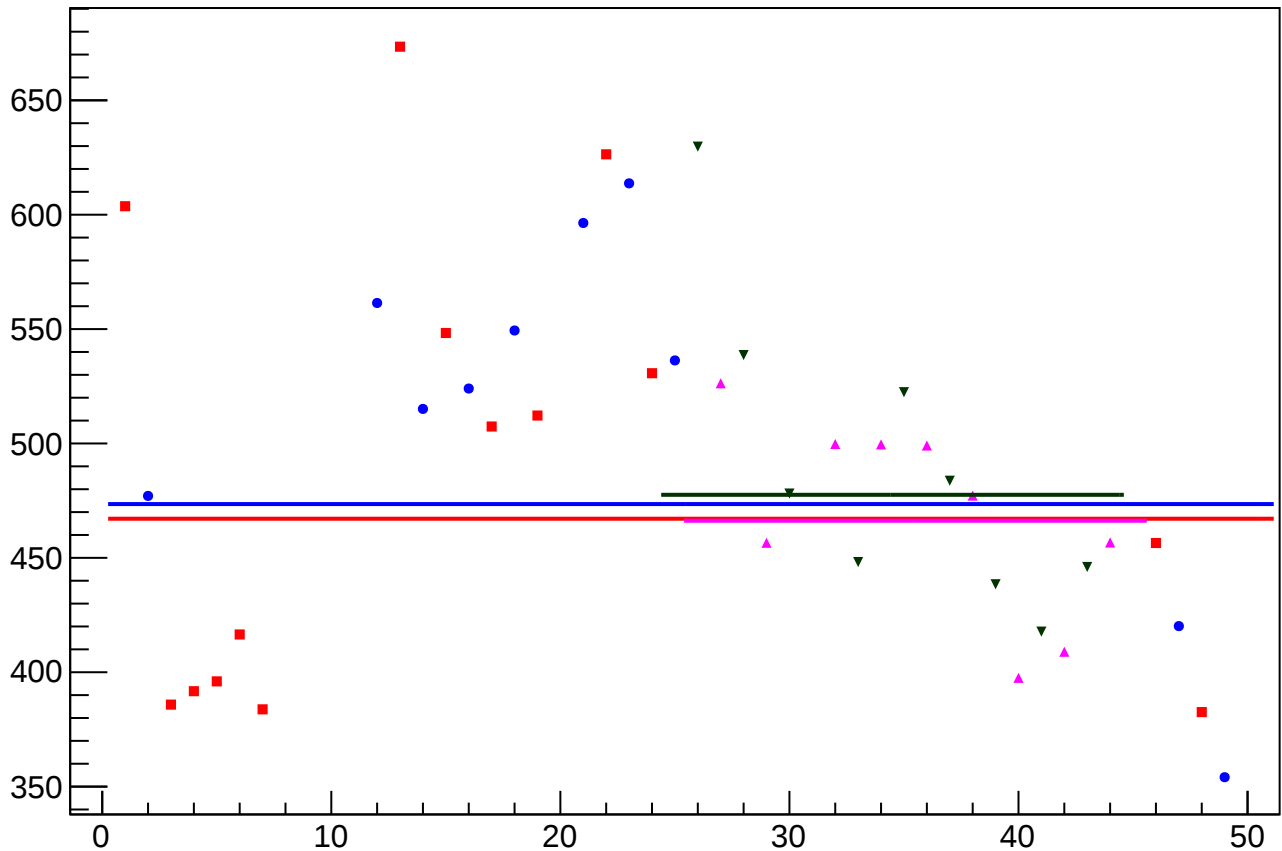
Left Out: -33.276+/-218.199 χ^2/NDF : 6.9/8

98.633+/-98.855 χ^2/NDF : 67.9/41

Right Out: 472.242+/-190.705 χ^2/NDF : 17.2/13

Left In: -375.947+/-197.534 χ^2/NDF : 9.8/8

asym_ds_dd_correction_rms vs slug



Right In: 473.509+/-0.133 χ^2/NDF : 413888.7/9

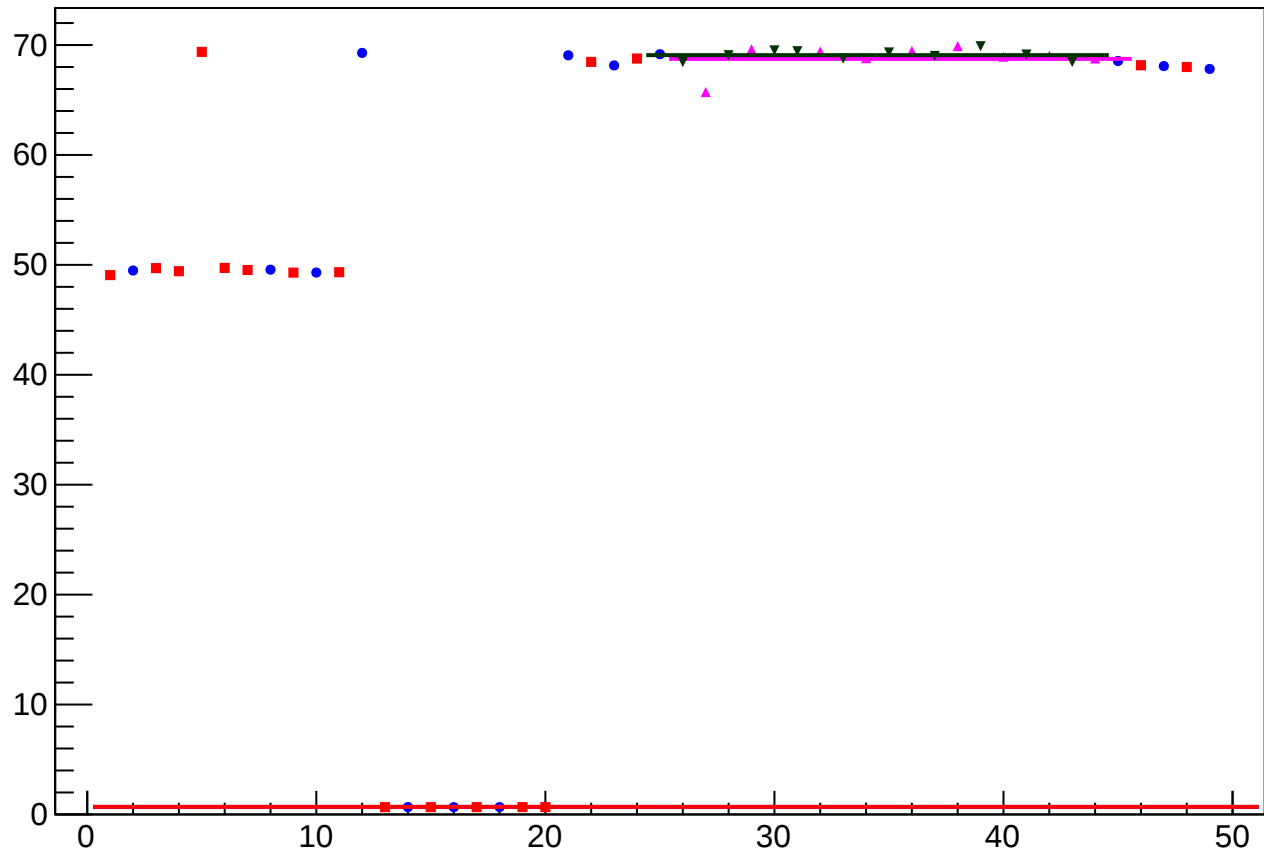
Left Out: 477.560+/-0.154 χ^2/NDF :124255.1/8

Right Out: 467.109+/-0.135 χ^2/NDF : 401998.5/13

Left In: 466.224+/-0.140 χ^2/NDF :90489.4/8

470.796+/-0.070 χ^2/NDF : 1034787.5/41

yield_bcm_an_ds_mean vs slug



Right In: 0.686+/-0.000 χ^2/NDF : 798563820946.1/12

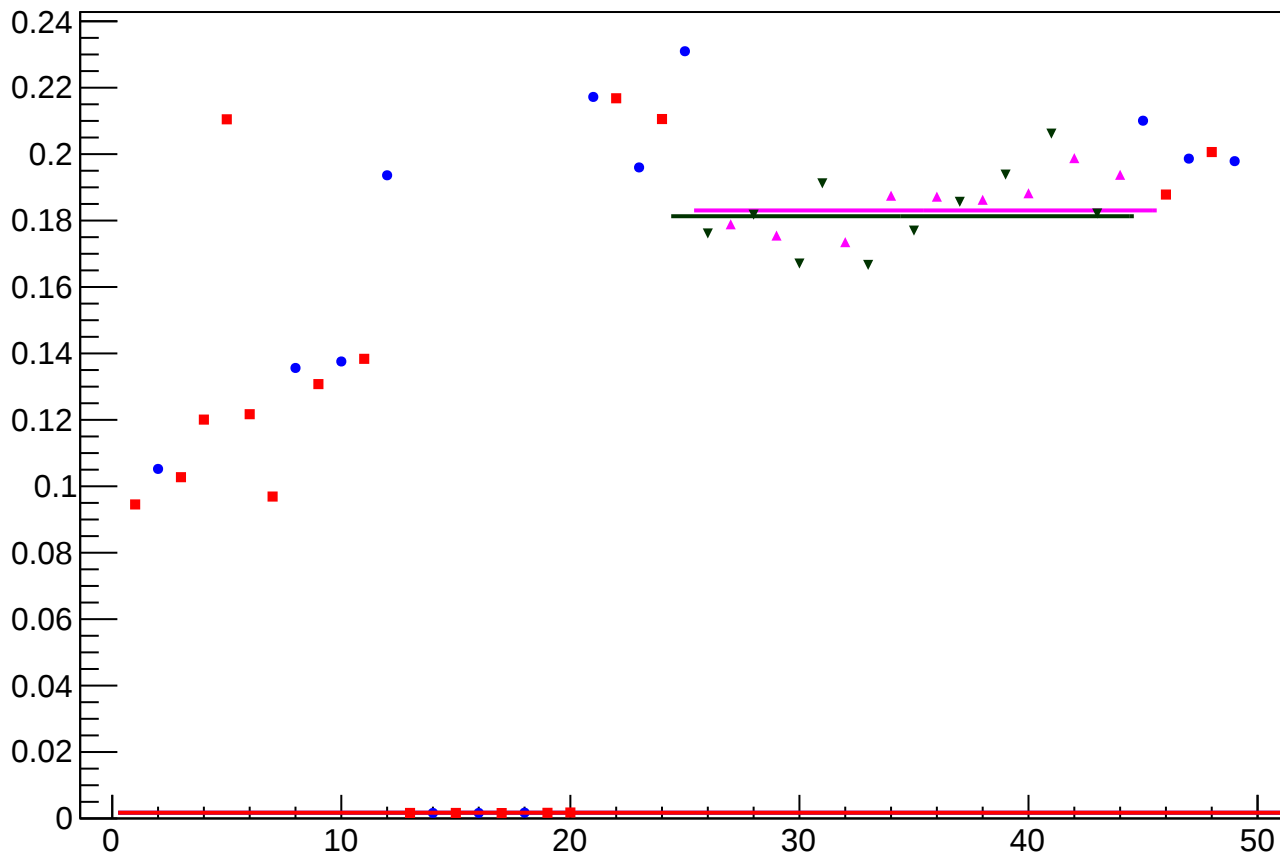
Left Out: 69.080+/-0.000 χ^2/NDF : 27261217.3/9

0.702+/-0.000 χ^2/NDF : 3080874370228.1/48

Right Out: 0.689+/-0.000 χ^2/NDF : 816936409355.2/16

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

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 12188107.6/12

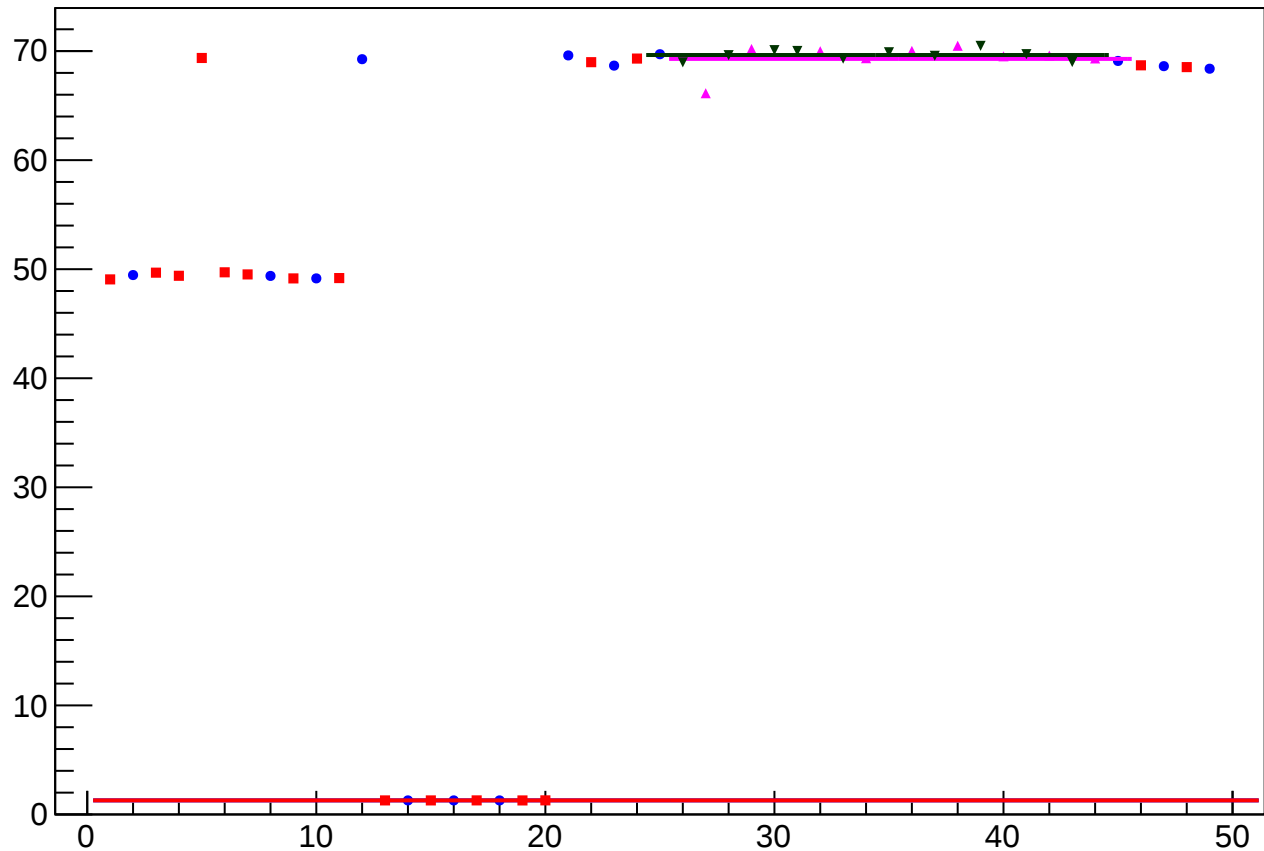
Left Out: 0.181+/-0.000 χ^2/NDF : 38932.5/9

Right Out: 0.002+/-0.000 χ^2/NDF : 10618079.5/16

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

0.002+/-0.000 χ^2/NDF : 43373698.6/48

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 788036868742.1/12

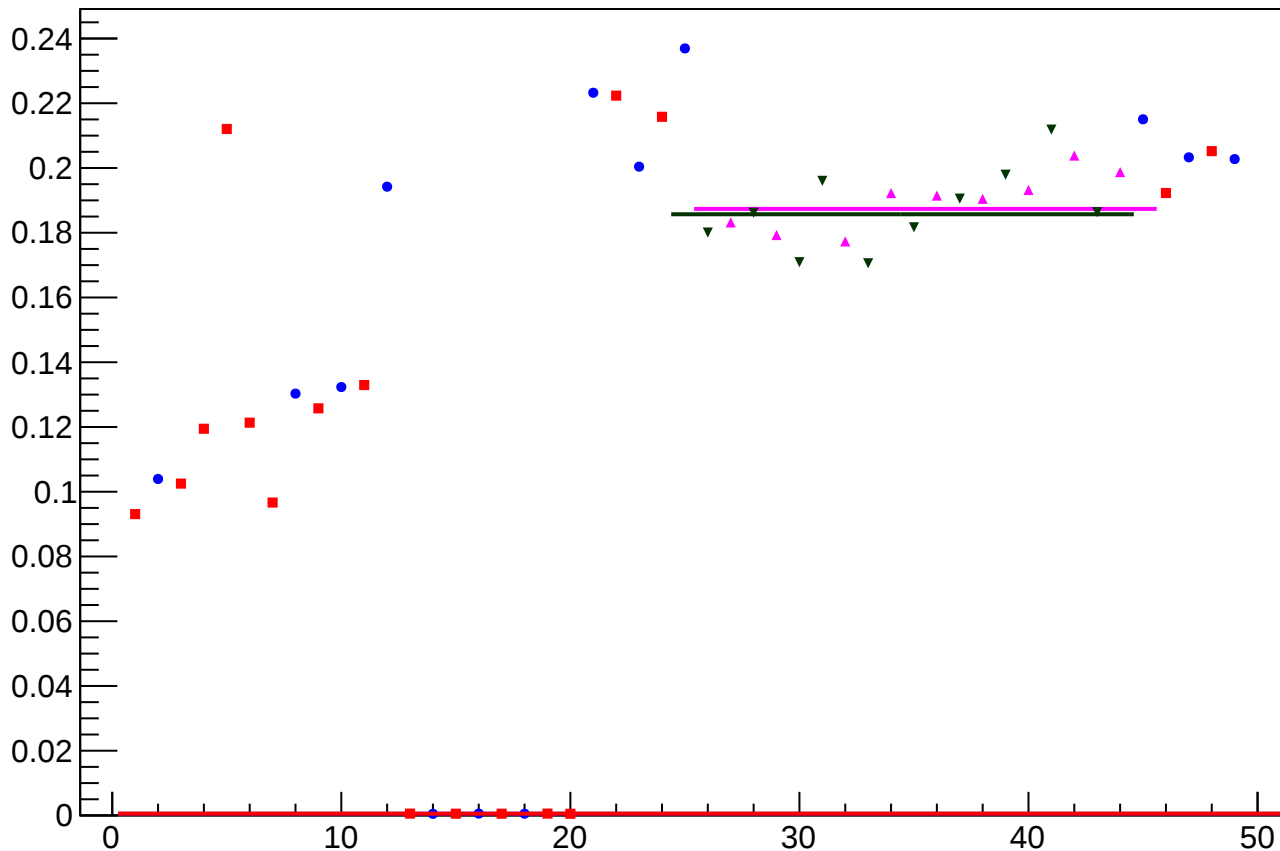
Left Out: 69.640+/-0.000 χ^2/NDF : 28182710.7/9

Right Out: 1.291+/-0.000 χ^2/NDF : 809454796400.9/16

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

1.292+/-0.000 χ^2/NDF : 2992990830958.9/48

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 12381243.9/12

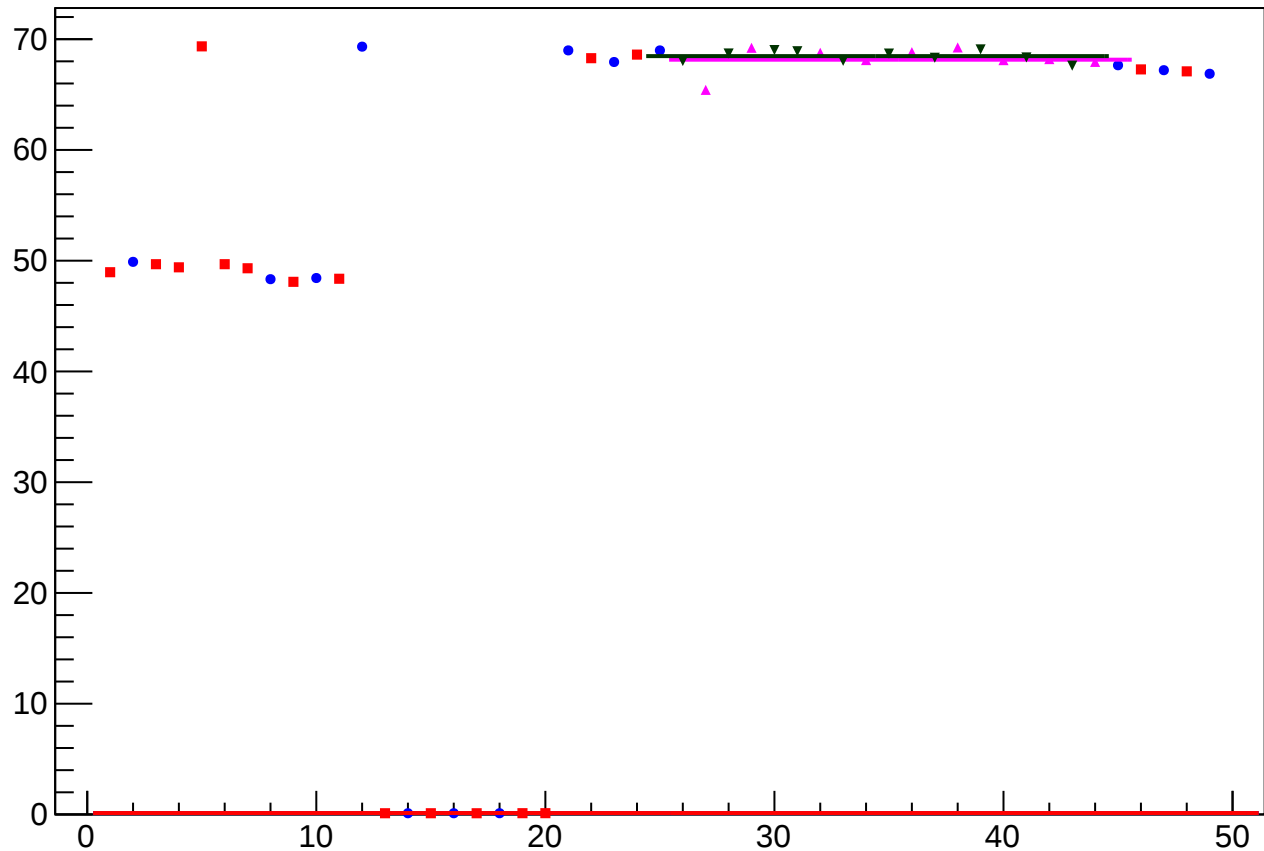
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.6/9

0.001+/-0.000 χ^2/NDF : 44018229.5/48

Right Out: 0.001+/-0.000 χ^2/NDF : 10790278.6/16

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 : 802527208473.5/12

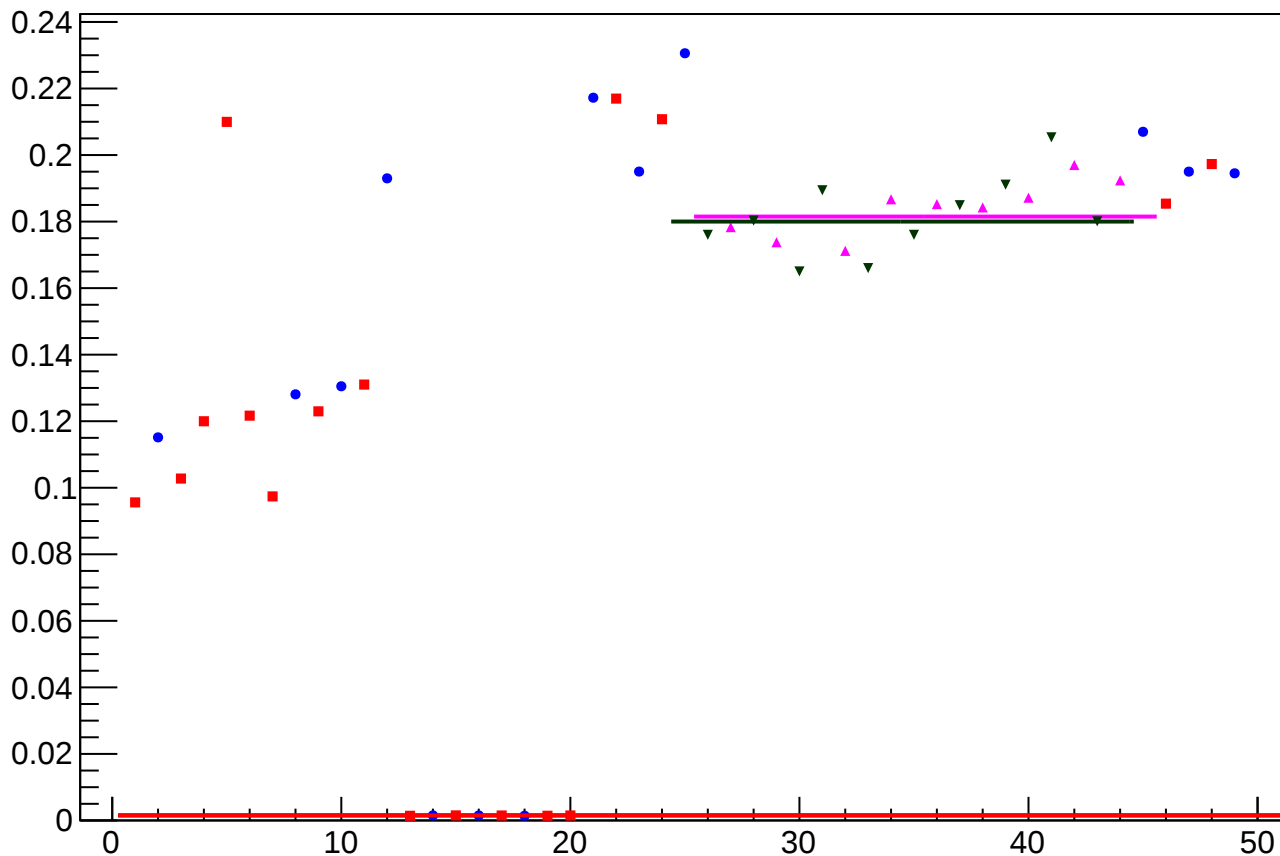
Left Out: 68.471+/-0.000 χ^2/NDF : 31933437.0/9

0.137+/-0.000 χ^2/NDF : 3130727223770.3/48

Right Out: 0.128+/-0.000 χ^2/NDF : 842964272708.4/16

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 : 12206952.7/12

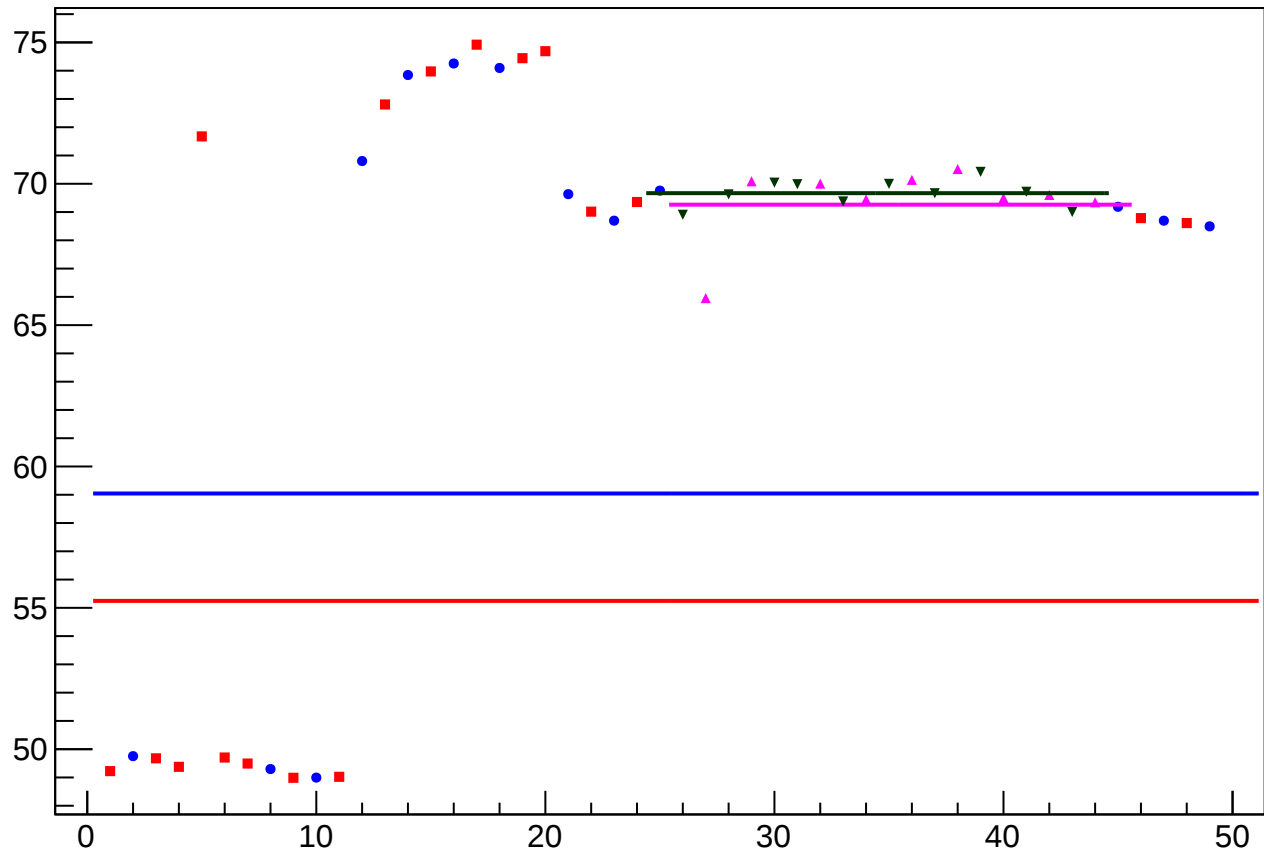
Left Out: 0.180+/-0.000 χ^2/NDF : 38902.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 10644640.4/16

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

0.002+/-0.000 χ^2/NDF : 43444471.7/48

yield_bcm_dg_us_mean vs slug



Right In: 59.045 $\pm$ 0.000 χ^2 /NDF: 32692334940.5/12

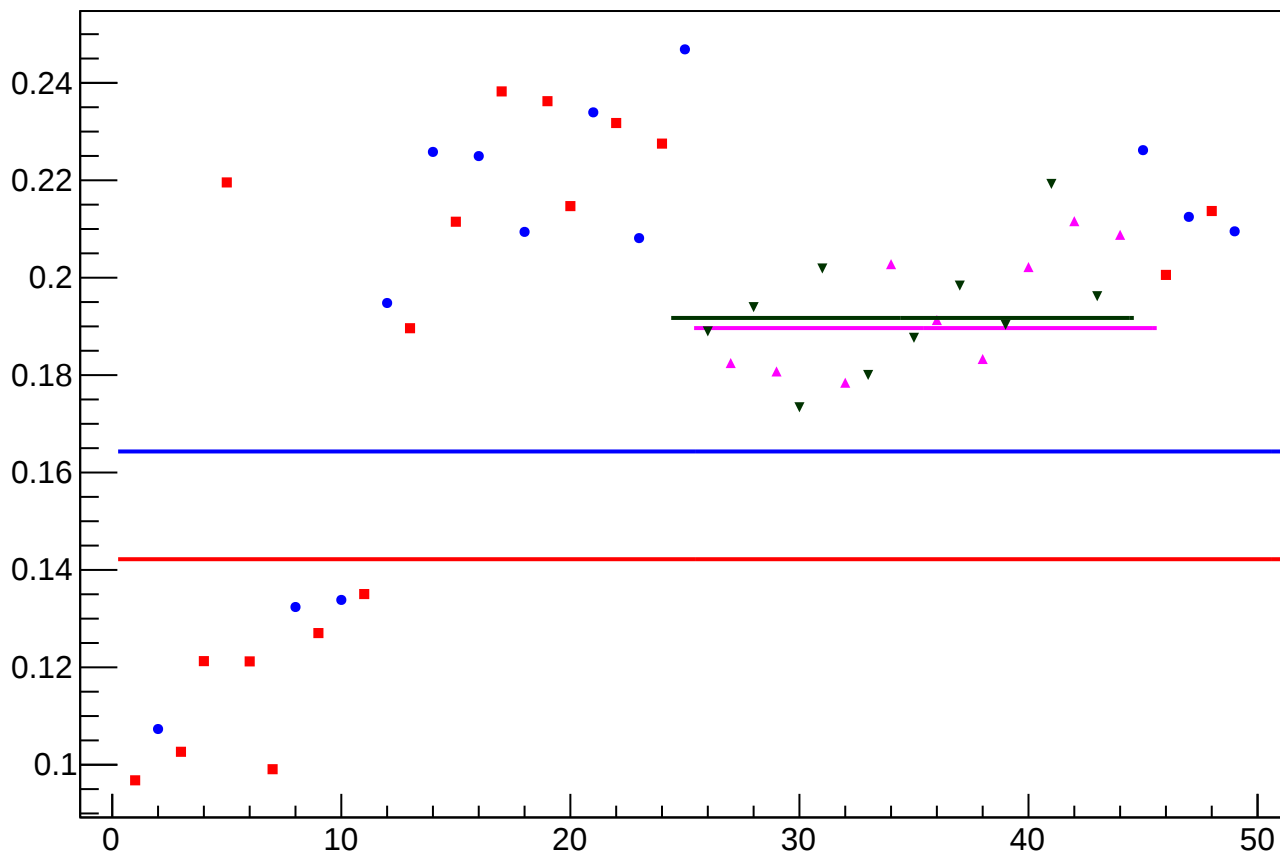
Left Out: 69.668 $\pm$ 0.000 χ^2 /NDF: 26498235.4/9

60.956 $\pm$ 0.000 χ^2 /NDF: 98579202111.7/48

Right Out: 55.246 $\pm$ 0.000 χ^2 /NDF: 32882657856.3/16

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

yield_bcm_dg_us_rms vs slug



Right In: 0.164+/-0.000 χ^2/NDF : 1350250.3/12

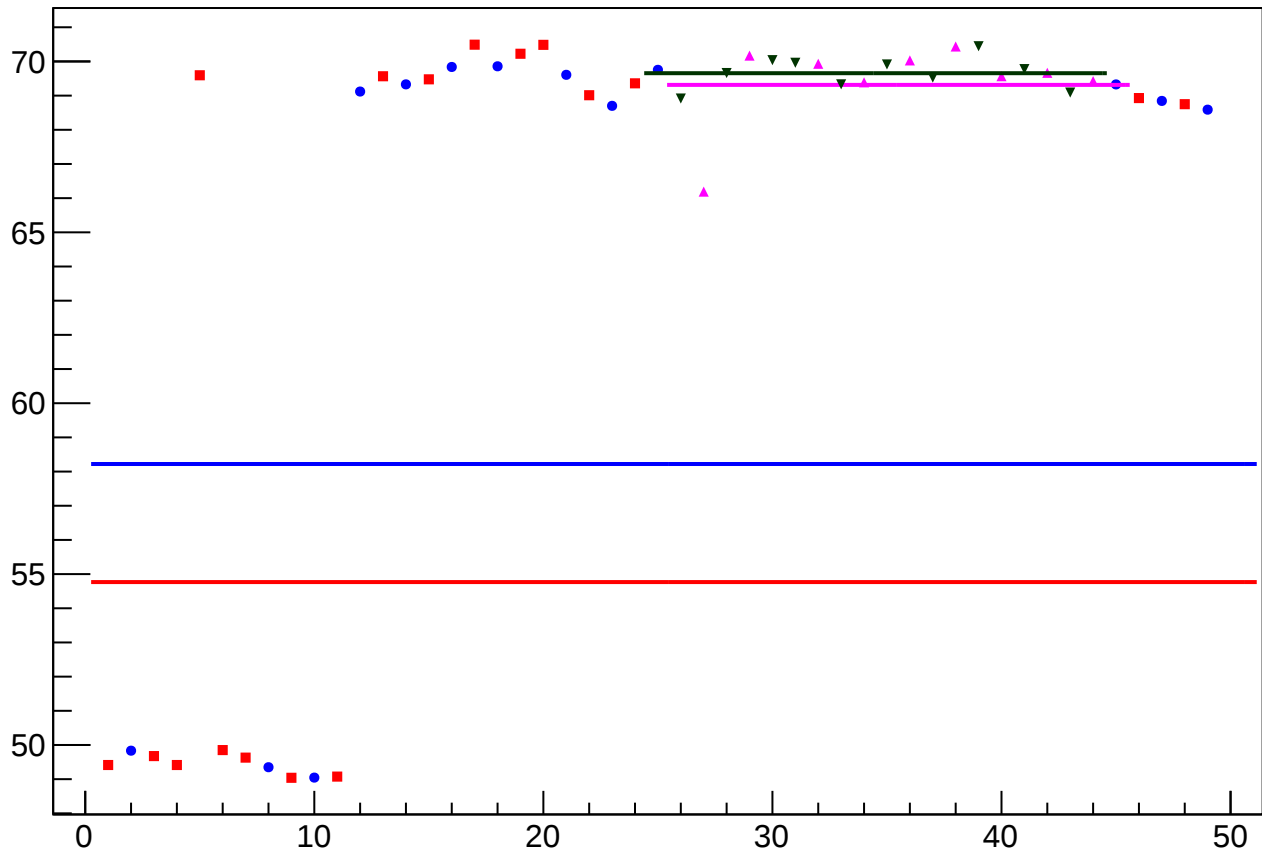
Left Out: 0.192+/-0.000 χ^2/NDF : 37638.8/9

Right Out: 0.142+/-0.000 χ^2/NDF : 1522173.6/16

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

0.165+/-0.000 χ^2/NDF : 3676265.4/48

yield_bcm_dg_ds_mean vs slug



Right In: 58.221+/-0.000 χ^2/NDF : 28560210218.2/12

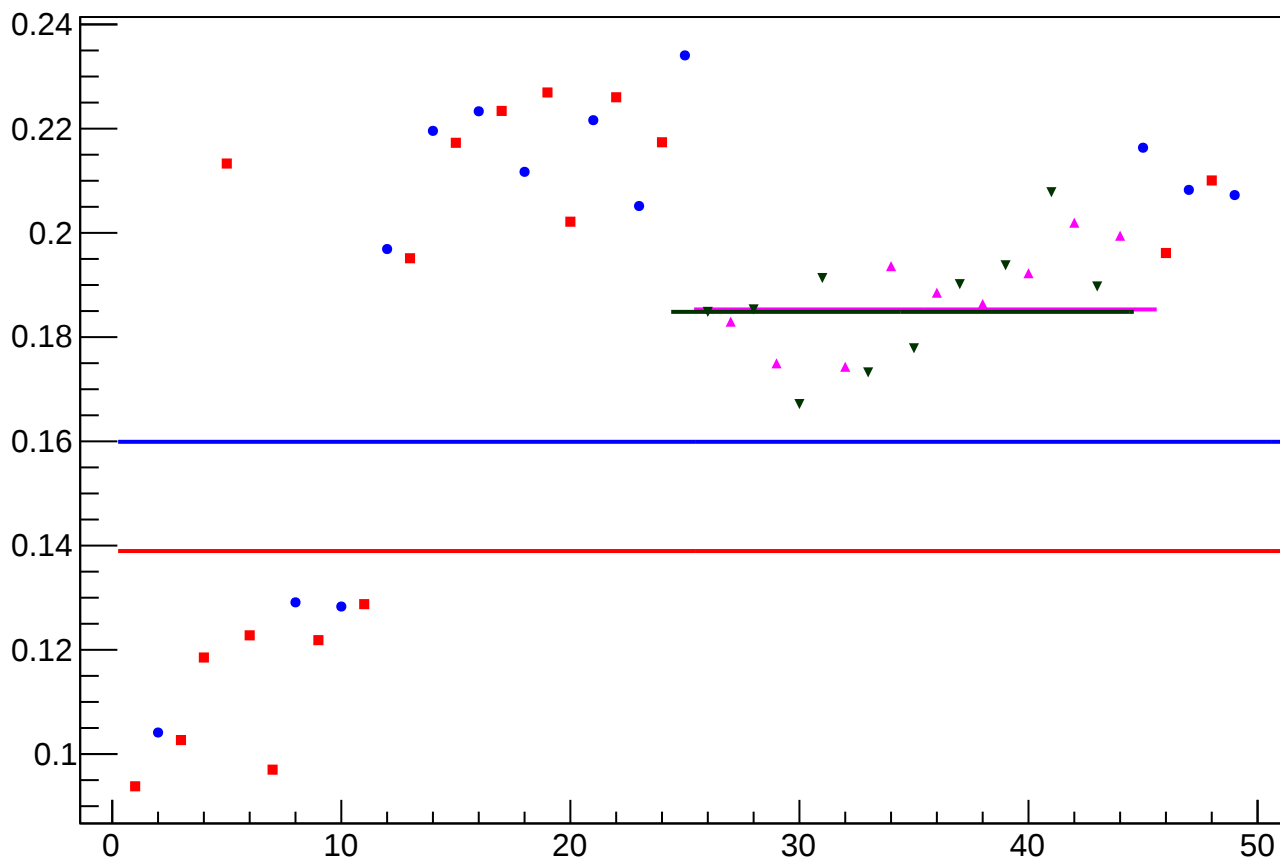
Left Out: 69.656+/-0.000 χ^2/NDF : 26123075.2/9

Right Out: 54.767+/-0.000 χ^2/NDF : 27712484115.1/16

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

60.567+/-0.000 χ^2/NDF : 94214890410.3/48

yield_bcm_dg_ds_rms vs slug



Right In: 0.160 $\pm$ 0.000 χ^2 /NDF: 1393401.8/12

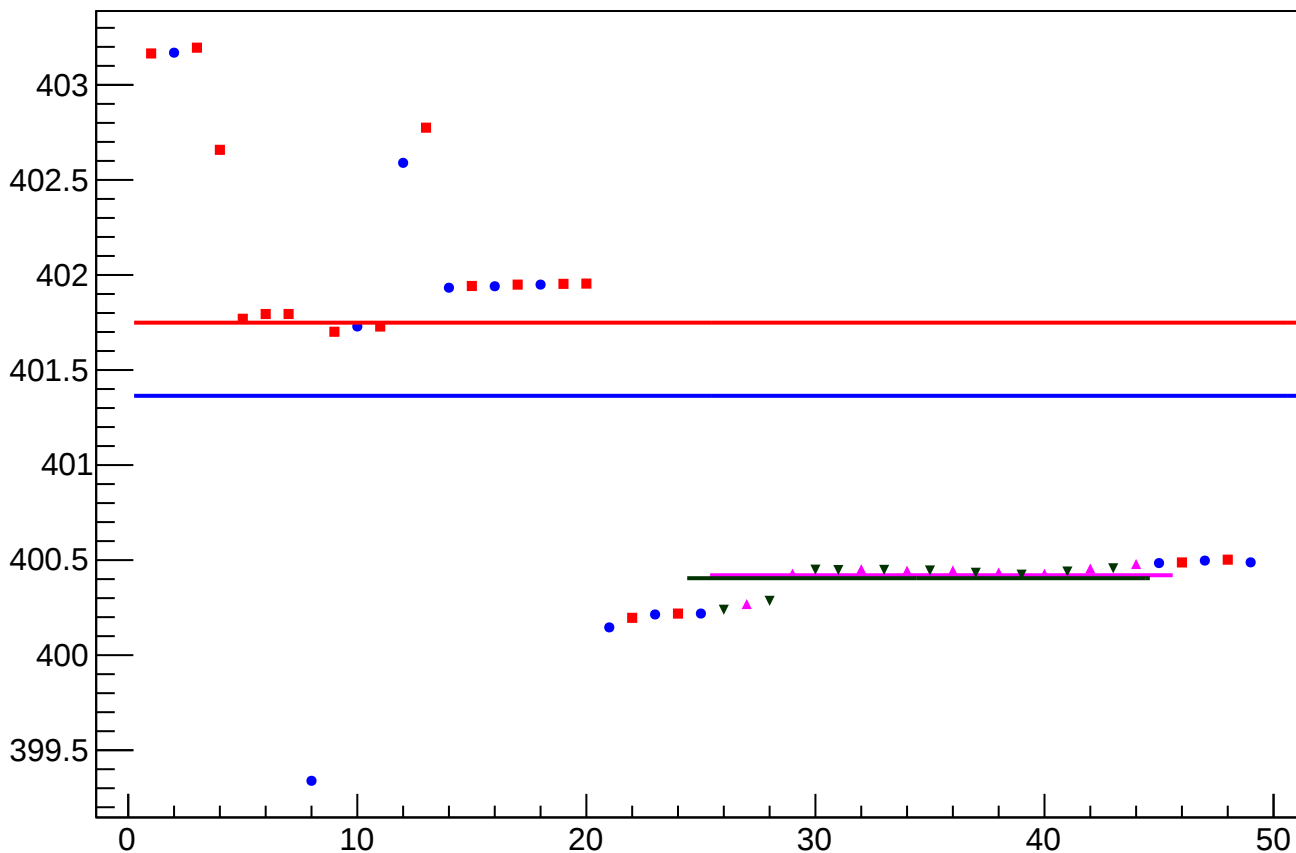
Left Out: 0.185 $\pm$ 0.000 χ^2 /NDF: 35256.7/9

Right Out: 0.139 $\pm$ 0.000 χ^2 /NDF: 1505788.5/16

Left In: 0.185 $\pm$ 0.000 χ^2 /NDF: 27985.7/8

0.160 $\pm$ 0.000 χ^2 /NDF: 3655603.3/48

yield_cav4bQ_mean vs slug



Right In: 401.364+/-0.000 χ^2/NDF : 240778109691.0/12

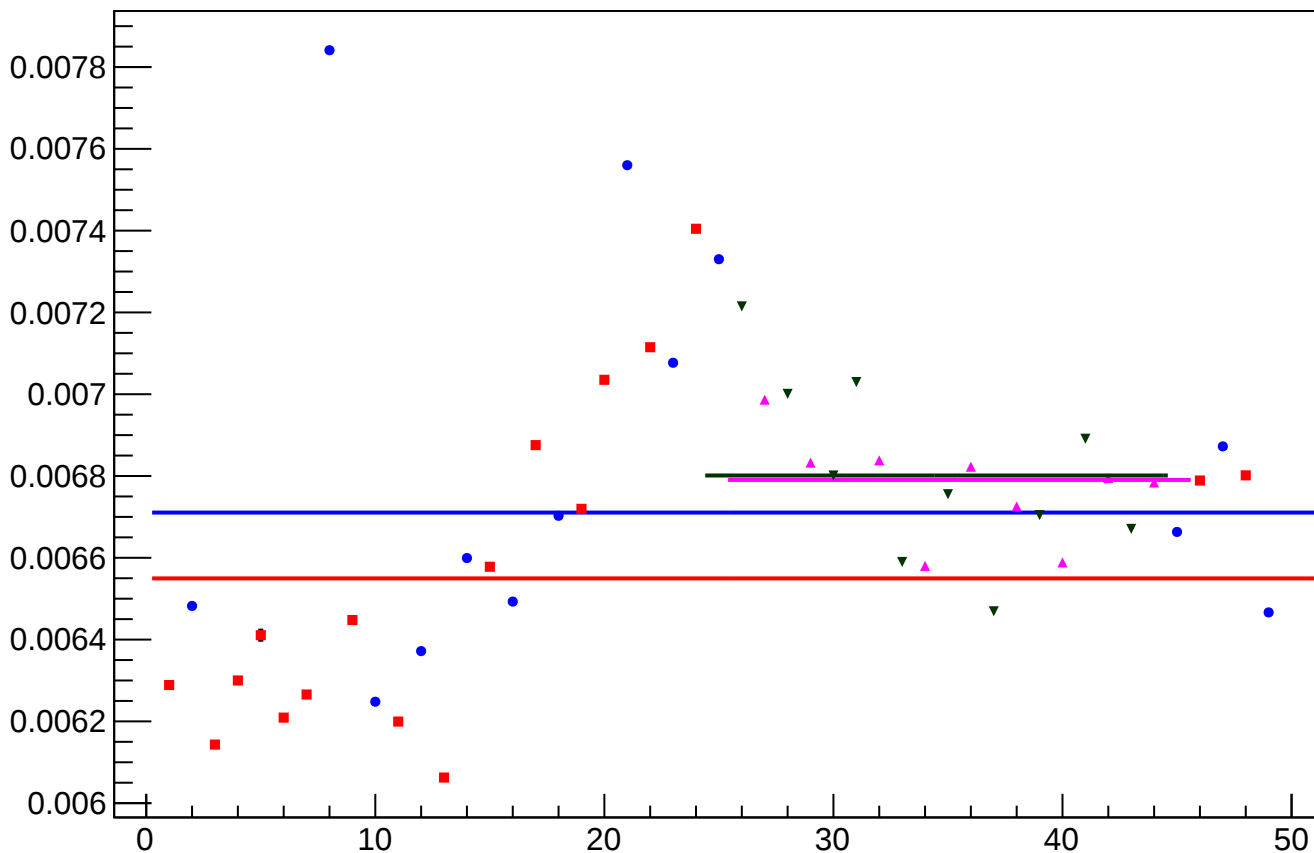
Left Out: 400.405+/-0.000 χ^2/NDF : 614714141.0/9

Right Out: 401.749+/-0.000 χ^2/NDF : 156315666455.7/16

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

401.117+/-0.000 χ^2/NDF : 601706634606.7/48

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 75389.2/12

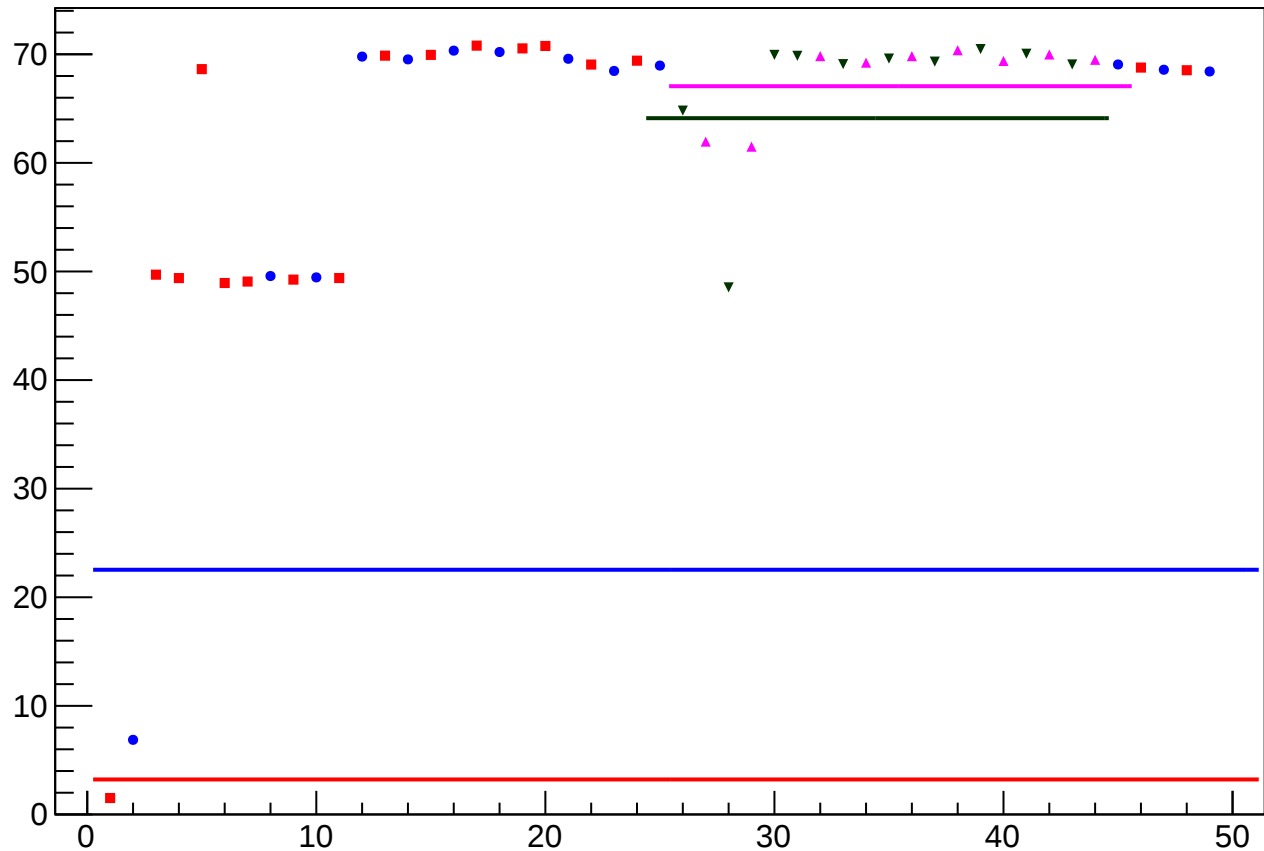
Left Out: 0.007+/-0.000 χ^2/NDF : 9934.2/9

Right Out: 0.007+/-0.000 χ^2/NDF : 52125.8/16

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

0.007+/-0.000 χ^2/NDF : 153820.3/48

yield_cav4cQ_mean vs slug



Right In: 22.533+/-0.000 χ^2/NDF : 356545104352.3/12

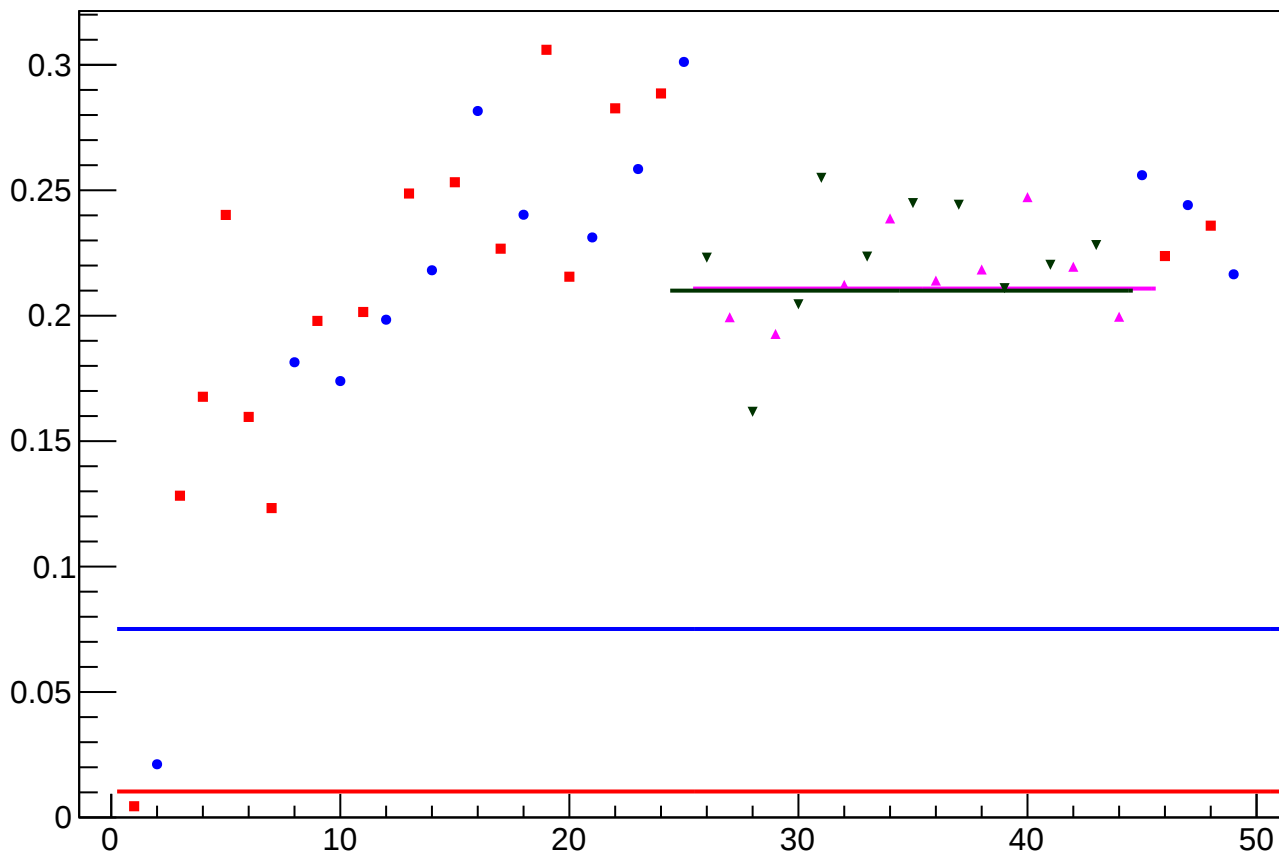
Left Out: 64.116+/-0.000 χ^2/NDF : 8524365591.2/9

7.265+/-0.000 χ^2/NDF : 1825147462968.2/48

Right Out: 3.223+/-0.000 χ^2/NDF : 498199934517.6/16

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

yield_cav4cQ_rms vs slug



Right In: 0.075+/-0.000 χ^2/NDF : 8482467.7/12

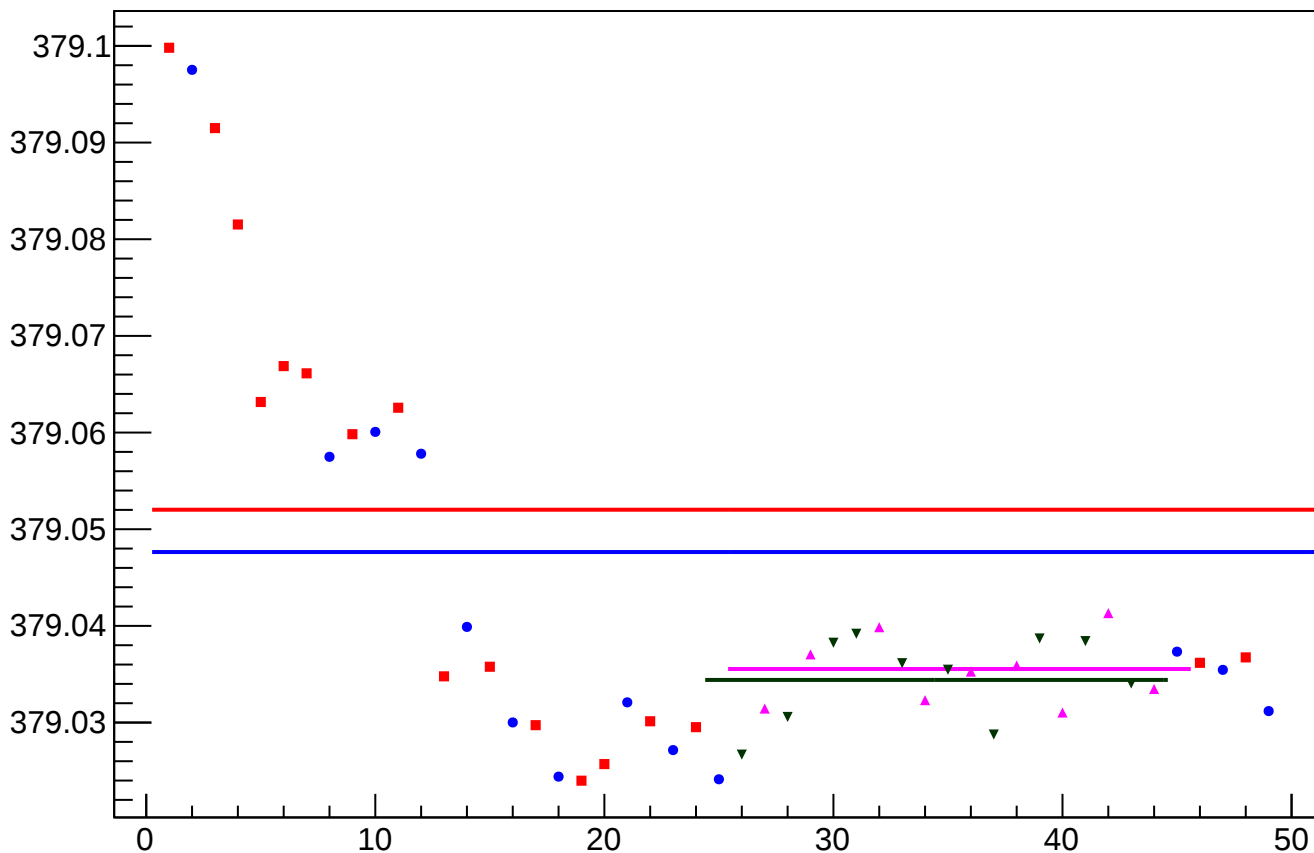
Left Out: 0.210+/-0.000 χ^2/NDF :195506.9/9

0.024+/-0.000 χ^2/NDF : 41016013.0/48

Right Out: 0.010+/-0.000 χ^2/NDF : 12250242.0/16

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

yield_cav4dQ_mean vs slug



Right In: 379.048+/-0.000 χ^2/NDF : 95406712.5/12

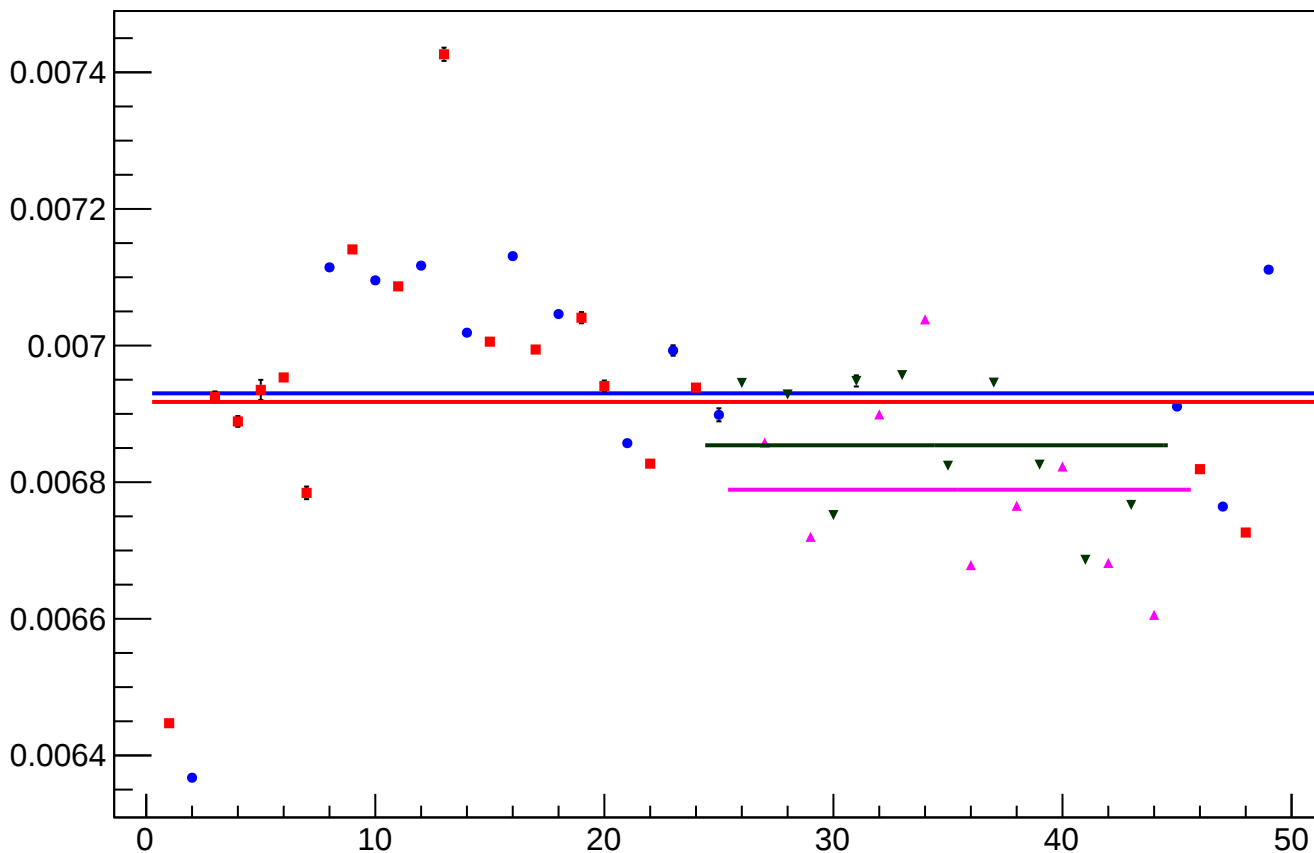
Left Out: 379.034+/-0.000 χ^2/NDF : 1980028.6/9

379.044+/-0.000 χ^2/NDF : 229481455.9/48

Right Out: 379.052+/-0.000 χ^2/NDF : 98313538.5/16

Left In: 379.036+/-0.000 χ^2/NDF : 1469073.8/8

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 22036.4/12

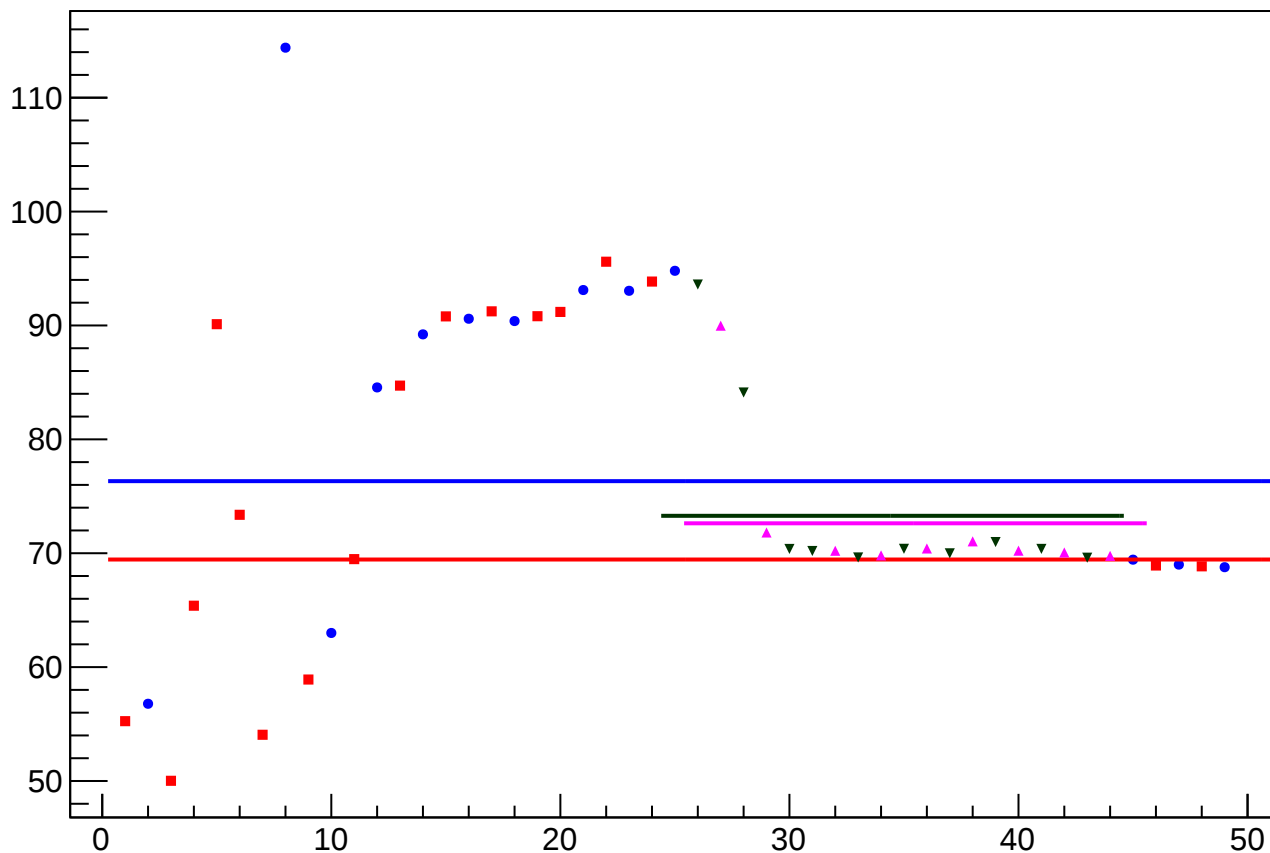
Left Out: 0.007+/-0.000 χ^2/NDF : 2061.8/9

Right Out: 0.007+/-0.000 χ^2/NDF : 13700.3/16

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

0.007+/-0.000 χ^2/NDF : 44800.9/48

yield_bcm0l02_mean vs slug



Right In: 76.330 $\pm$ 0.000 χ^2/NDF : 25847390855.5/12

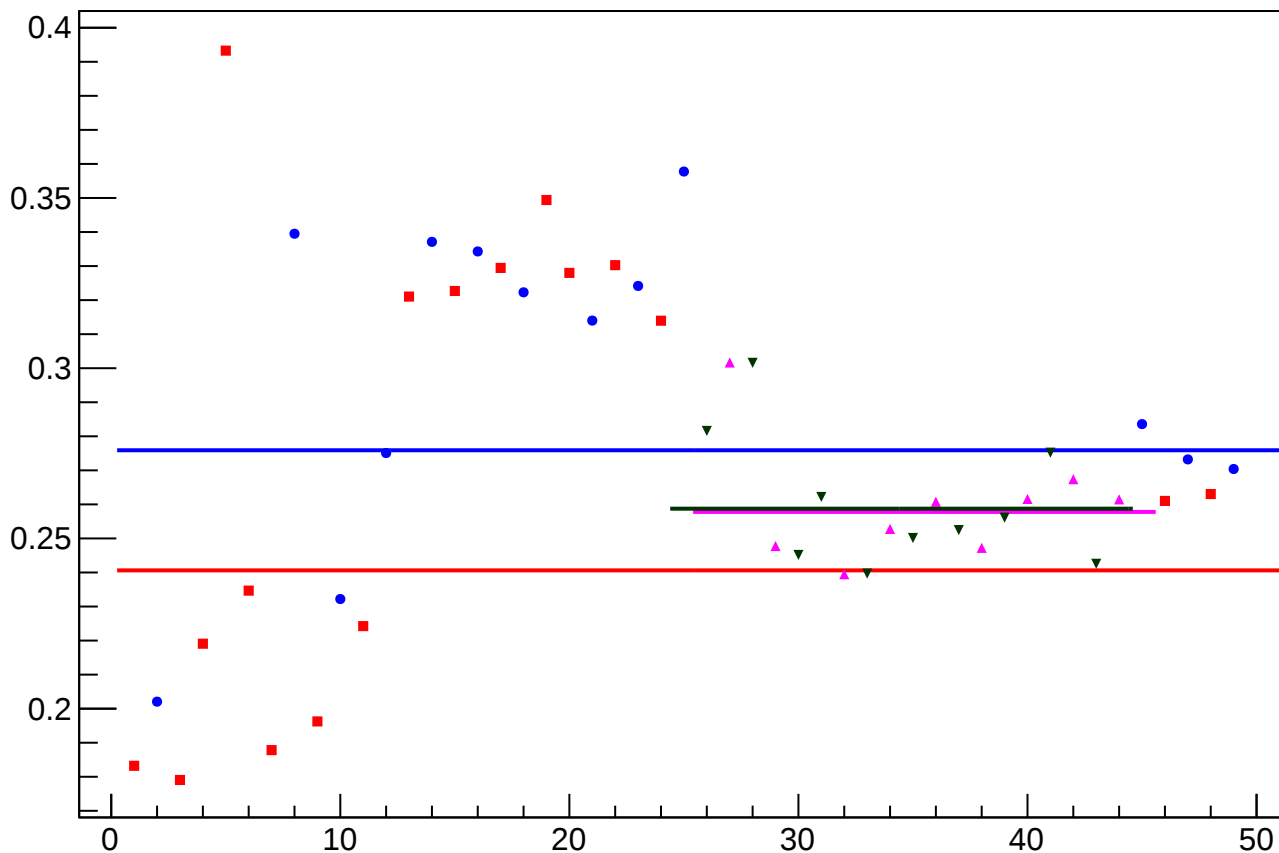
Left Out: 73.286 $\pm$ 0.000 χ^2/NDF : 3720782967.4/9

Right Out: 69.448 $\pm$ 0.000 χ^2/NDF : 24406903821.4/16

Left In: 72.627 $\pm$ 0.000 χ^2/NDF : 2928961133.8/8

72.762 $\pm$ 0.000 χ^2/NDF : 59461783846.0/48

yield_bcm0l02_rms vs slug



Right In: 0.276+/-0.000 χ^2/NDF : 464034.7/12

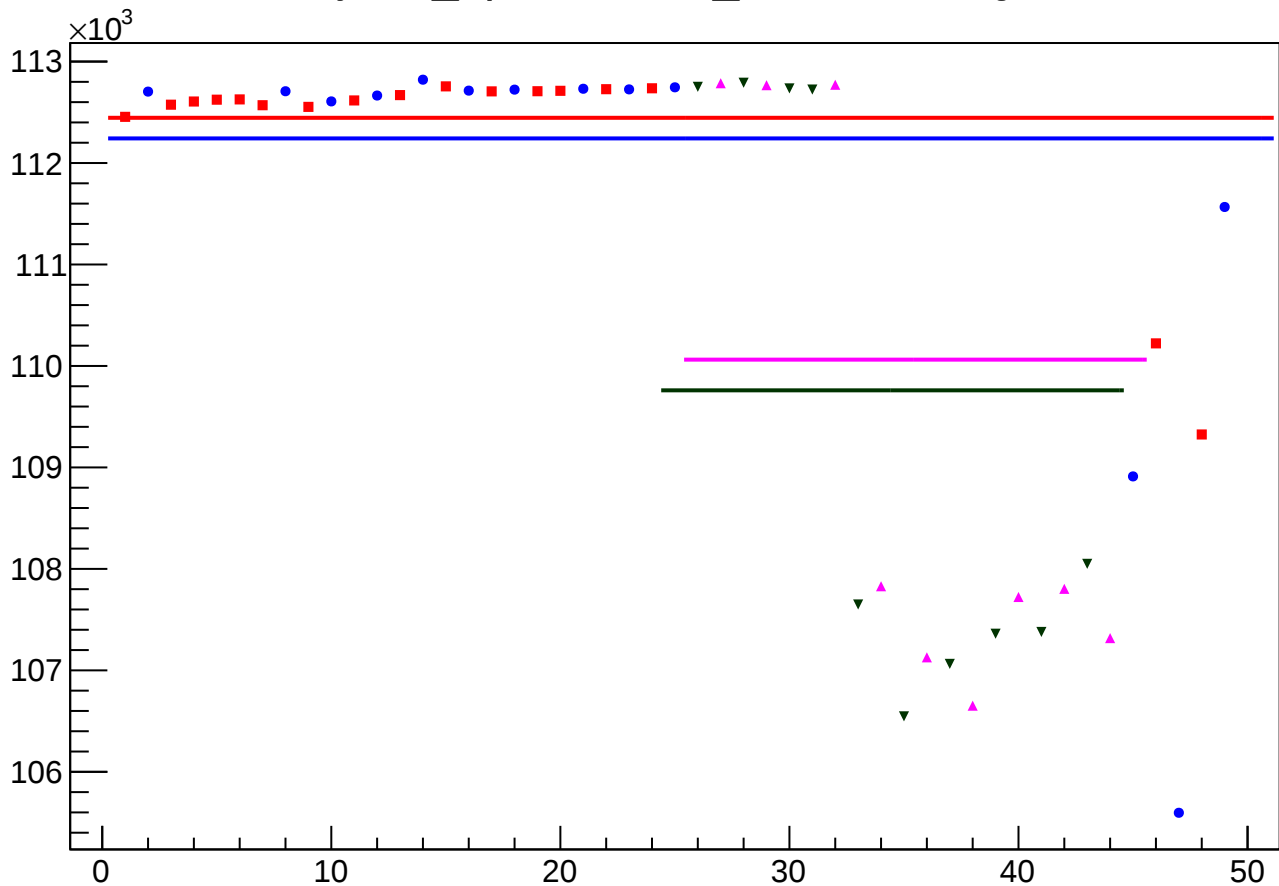
Left Out: 0.259+/-0.000 χ^2/NDF : 48388.8/9

Right Out: 0.241+/-0.000 χ^2/NDF : 740884.4/16

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

0.257+/-0.000 χ^2/NDF : 1436038.3/48

yield_bpm2i01WS_mean vs slug



Right In: 112242.508 $\pm$ 0.038 χ^2/NDF : 1508487050.6/12

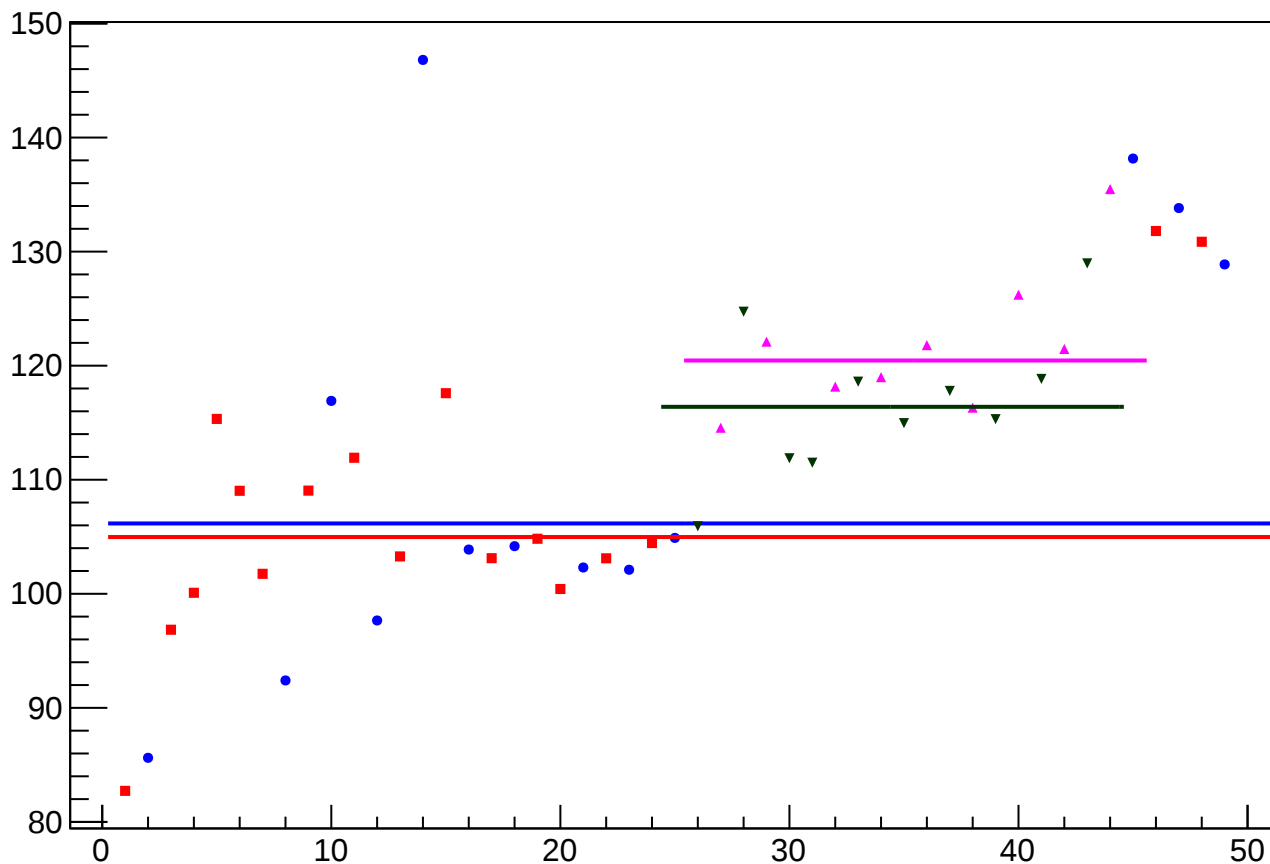
Left Out: 109759.766 $\pm$ 0.054 χ^2/NDF : 2587692520.9/9

Right Out: 112445.723 $\pm$ 0.039 χ^2/NDF : 357285609.9/16

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

111517.726 $\pm$ 0.022 χ^2/NDF : 9795371629.0/48

yield_bpm2i01WS_rms vs slug



Right In: 106.167 $\pm$ 0.027 χ^2 /NDF: 450513.8/12

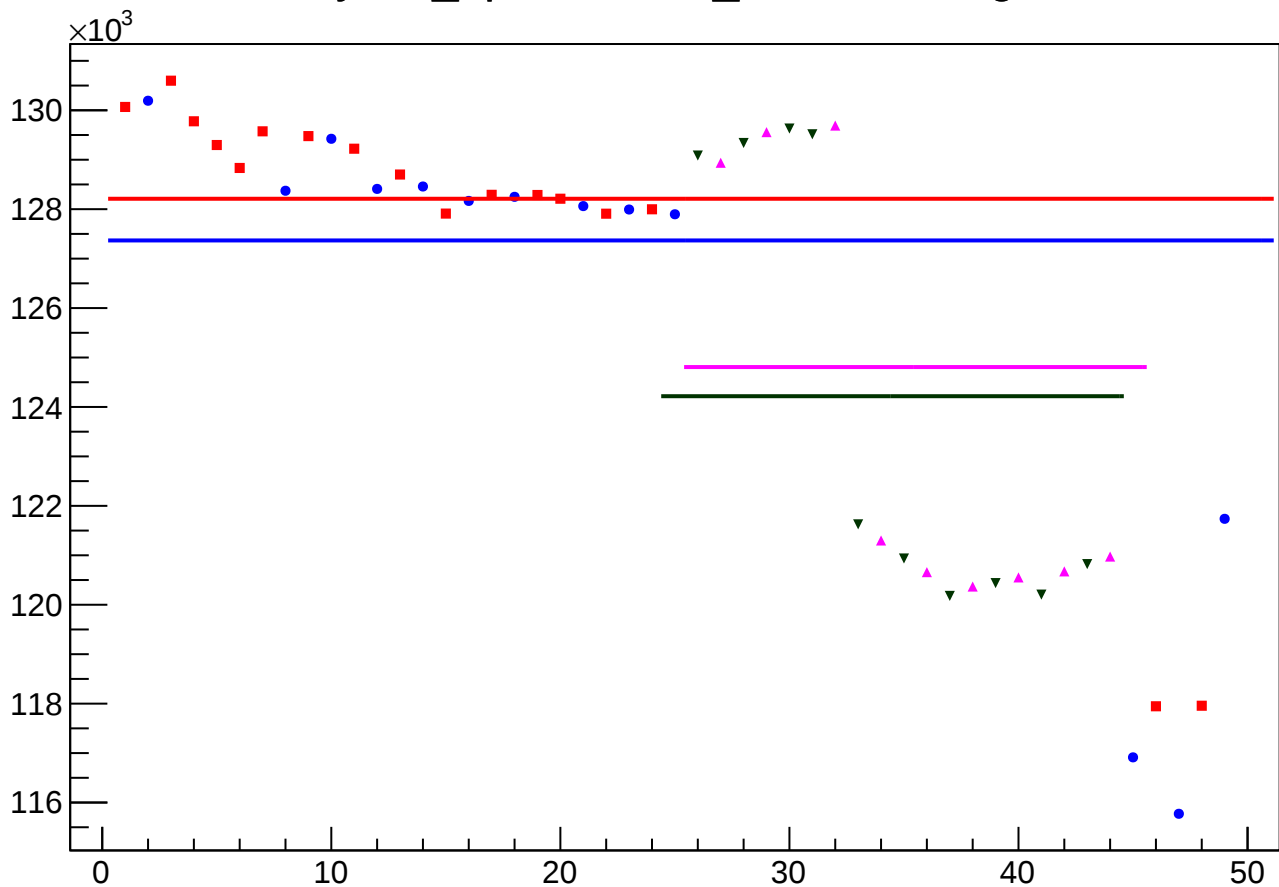
Left Out: 116.393 $\pm$ 0.038 χ^2 /NDF: 27352.1/9

Right Out: 104.977 $\pm$ 0.028 χ^2 /NDF: 161649.0/16

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

109.948 $\pm$ 0.016 χ^2 /NDF: 817773.0/48

yield_bpm0i07WS_mean vs slug



Right In: 127367.663 $\pm$ 0.060 χ^2 /NDF: 3780007885.7/12

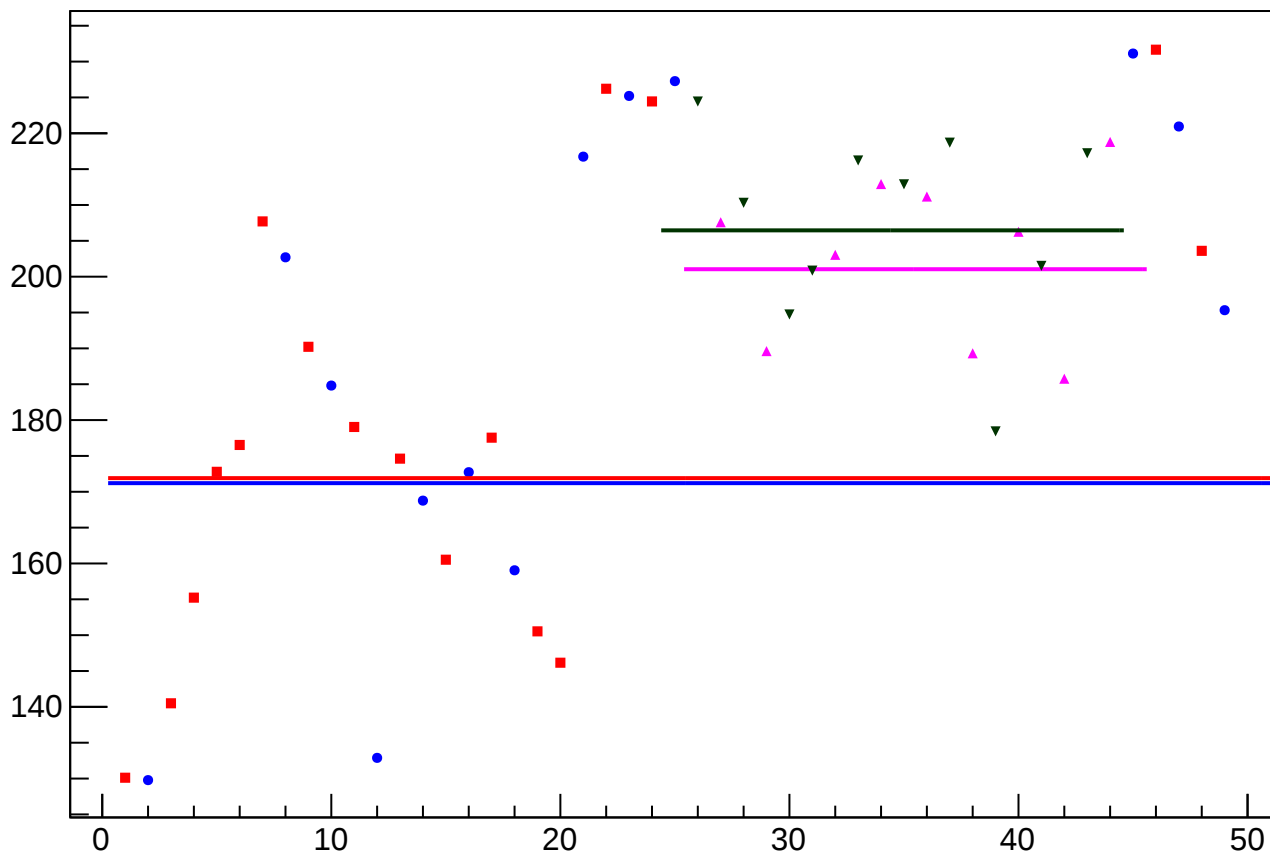
Left Out: 124217.458 $\pm$ 0.091 χ^2 /NDF: 2222612678.1/9

Right Out: 128210.634 $\pm$ 0.064 χ^2 /NDF: 2026377708.7/16

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

126695.457 $\pm$ 0.036 χ^2 /NDF: 12553967739.6/4

yield_bpm0i07WS_rms vs slug



Right In: 171.203+/-0.043 χ^2/NDF : 624087.5/12

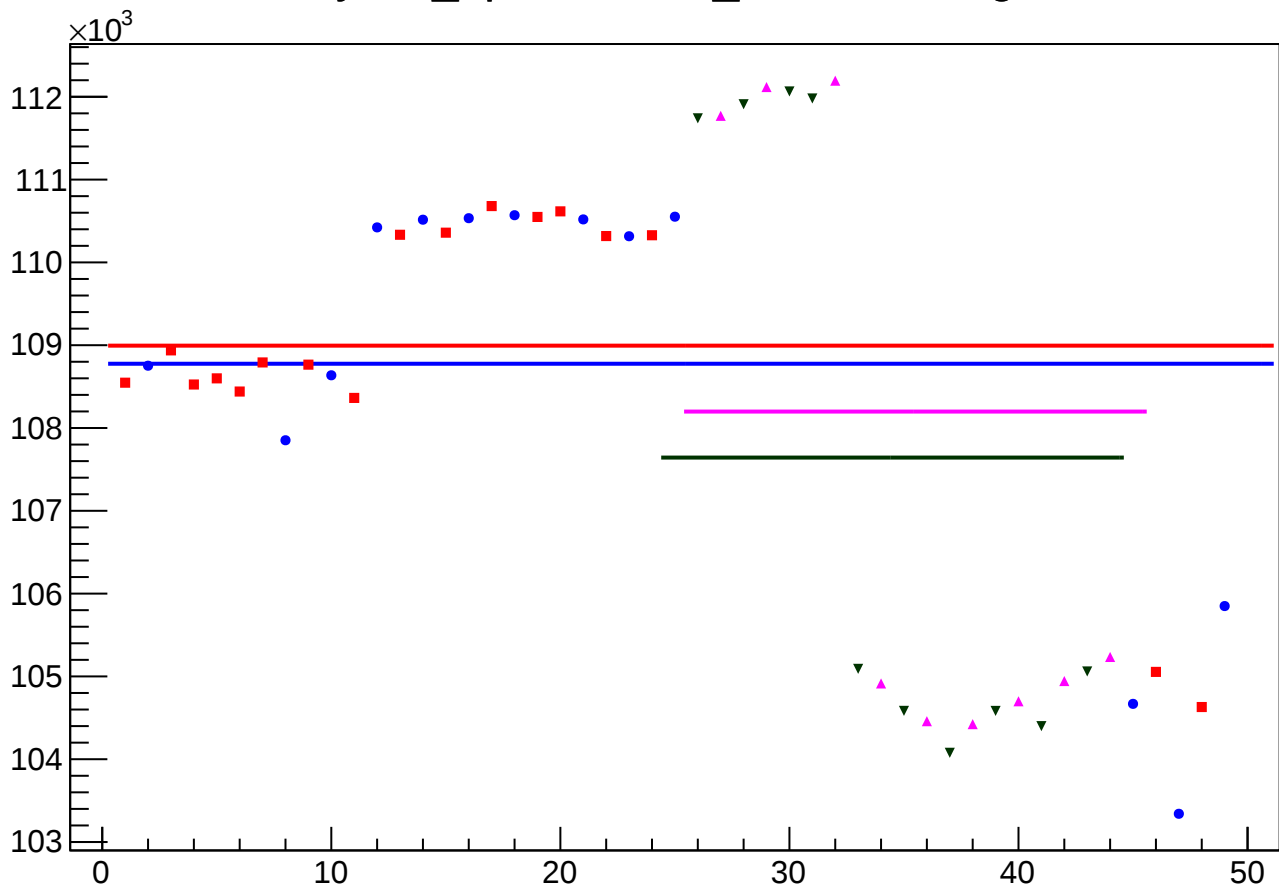
Left Out: 206.461+/-0.065 χ^2/NDF : 41468.1/9

182.123+/-0.025 χ^2/NDF : 1466968.5/48

Right Out: 171.902+/-0.045 χ^2/NDF : 412102.7/16

Left In: 201.041+/-0.060 χ^2/NDF : 31602.4/8

yield_bpm0l01WS_mean vs slug



Right In: 108776.026 $\pm$ 0.040 χ^2 /NDF: 2574385853.2/12

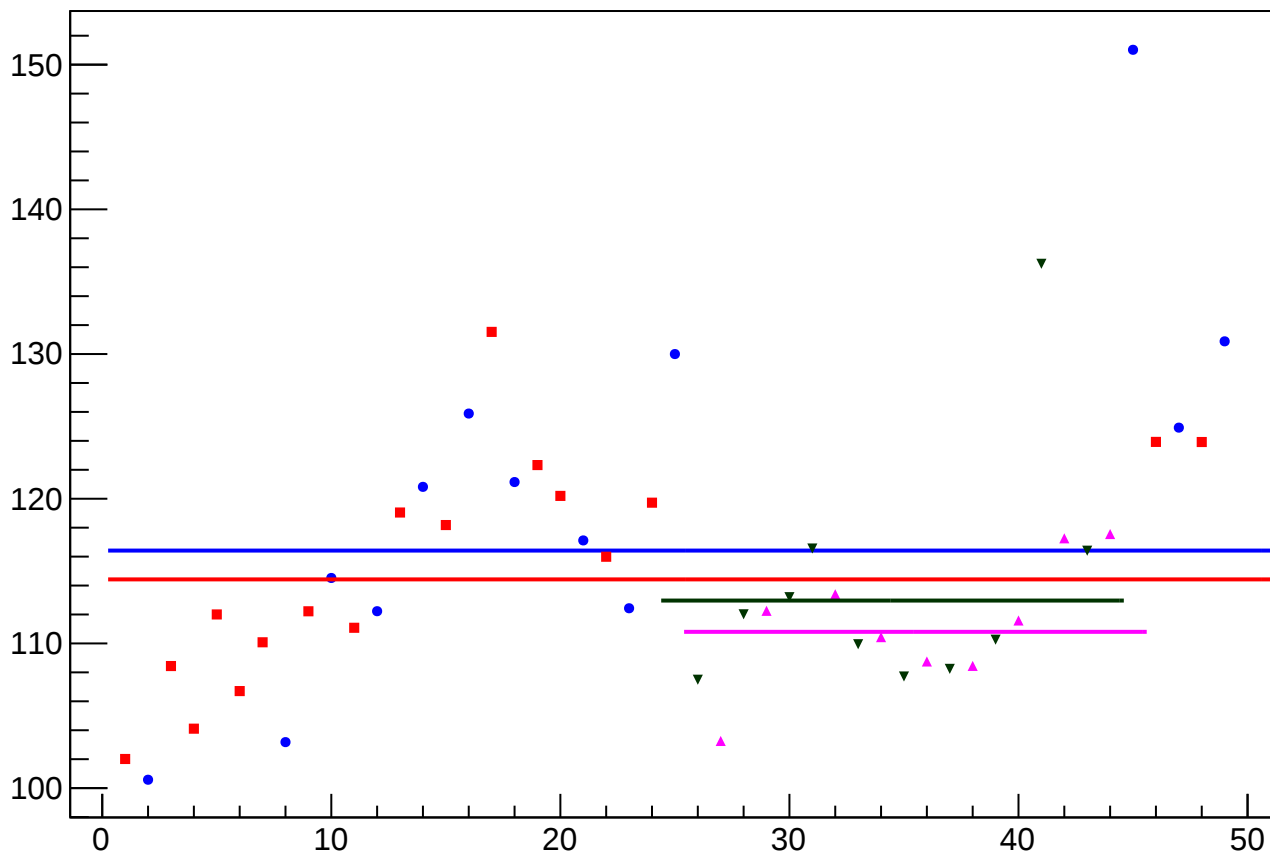
Left Out: 107642.924 $\pm$ 0.050 χ^2 /NDF: 5150705476.1/9

Right Out: 108994.614 $\pm$ 0.042 χ^2 /NDF: 1383014449.0/16

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

108486.100 $\pm$ 0.022 χ^2 /NDF: 15614960593.9/4

yield_bpm0l01WS_rms vs slug



Right In: 116.417 $\pm$ 0.029 χ^2 /NDF: 173758.9/12

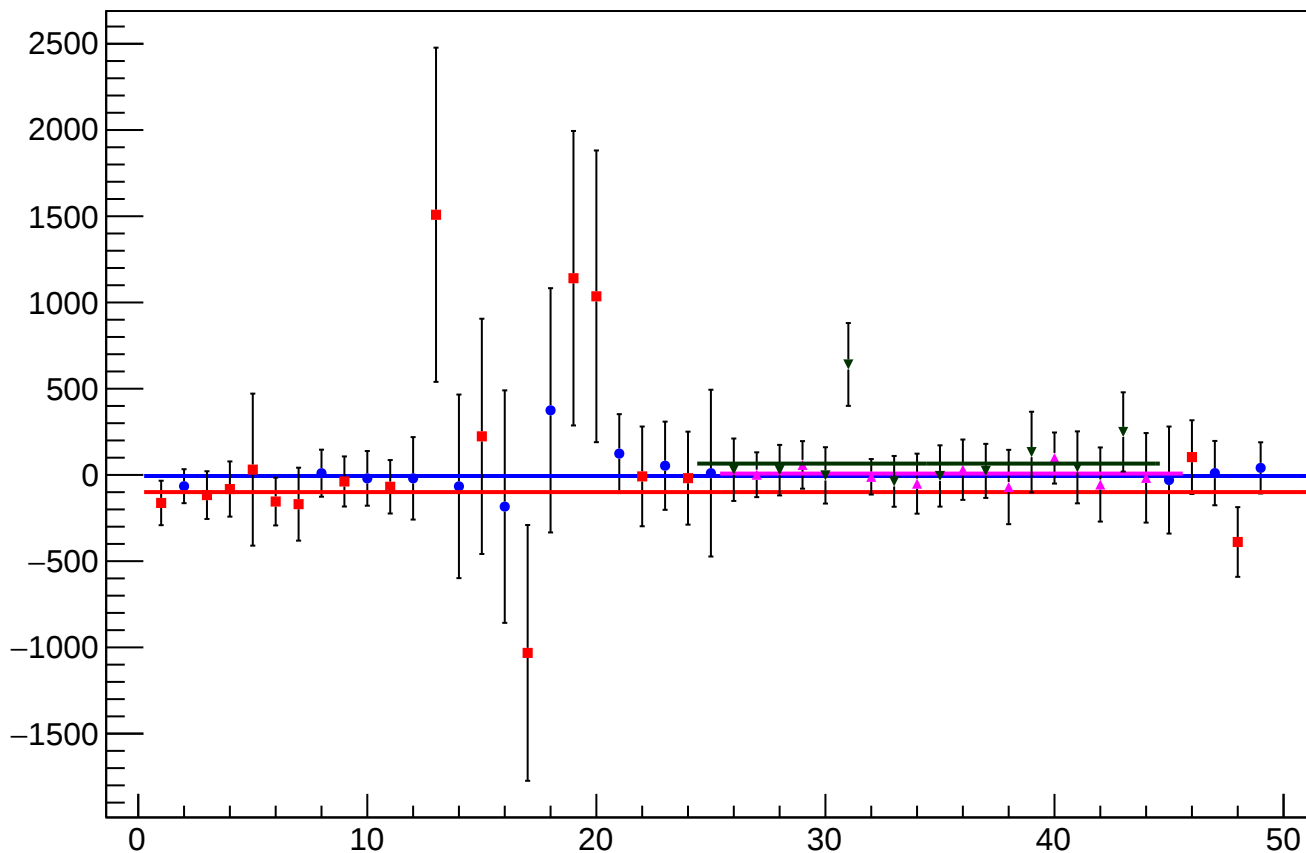
Left Out: 112.963 $\pm$ 0.036 χ^2 /NDF: 43064.1/9

Right Out: 114.425 $\pm$ 0.030 χ^2 /NDF: 65817.7/16

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

113.929 $\pm$ 0.016 χ^2 /NDF: 317664.9/48

asym_bcm_an_ds_mean vs slug



Right In: -6.160 ± 53.828 $\chi^2/\text{NDF}: 1.2/12$

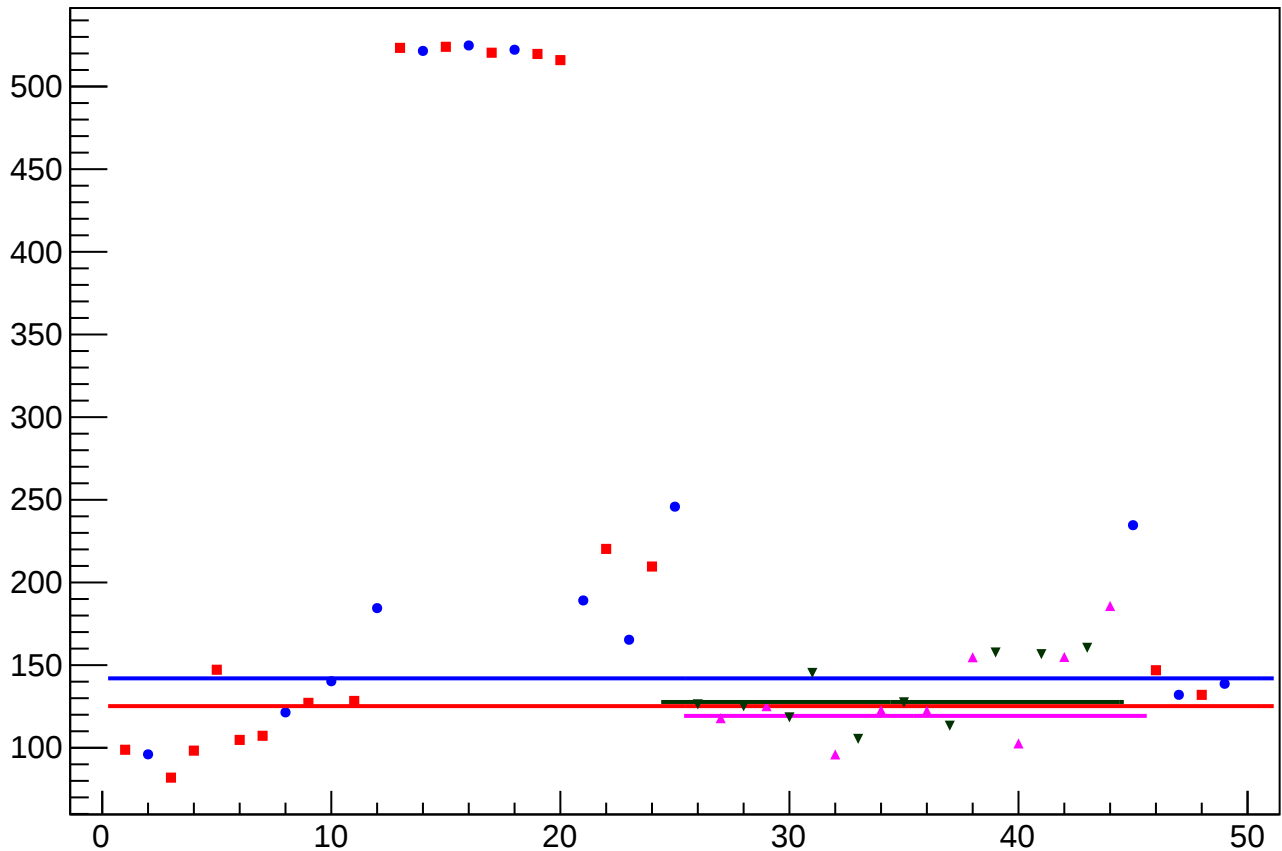
Left Out: 65.780 ± 56.744 $\chi^2/\text{NDF}: 7.5/9$

Right Out: -99.465 ± 49.991 $\chi^2/\text{NDF}: 12.5/16$

Left In: 7.861 ± 51.585 $\chi^2/\text{NDF}: 0.9/8$

-12.951 ± 26.429 $\chi^2/\text{NDF}: 27.2/48$

asym_bcm_an_ds_rms vs slug



Right In: 142.003 $\pm$ 0.038 χ^2 /NDF: 3162080.2/12

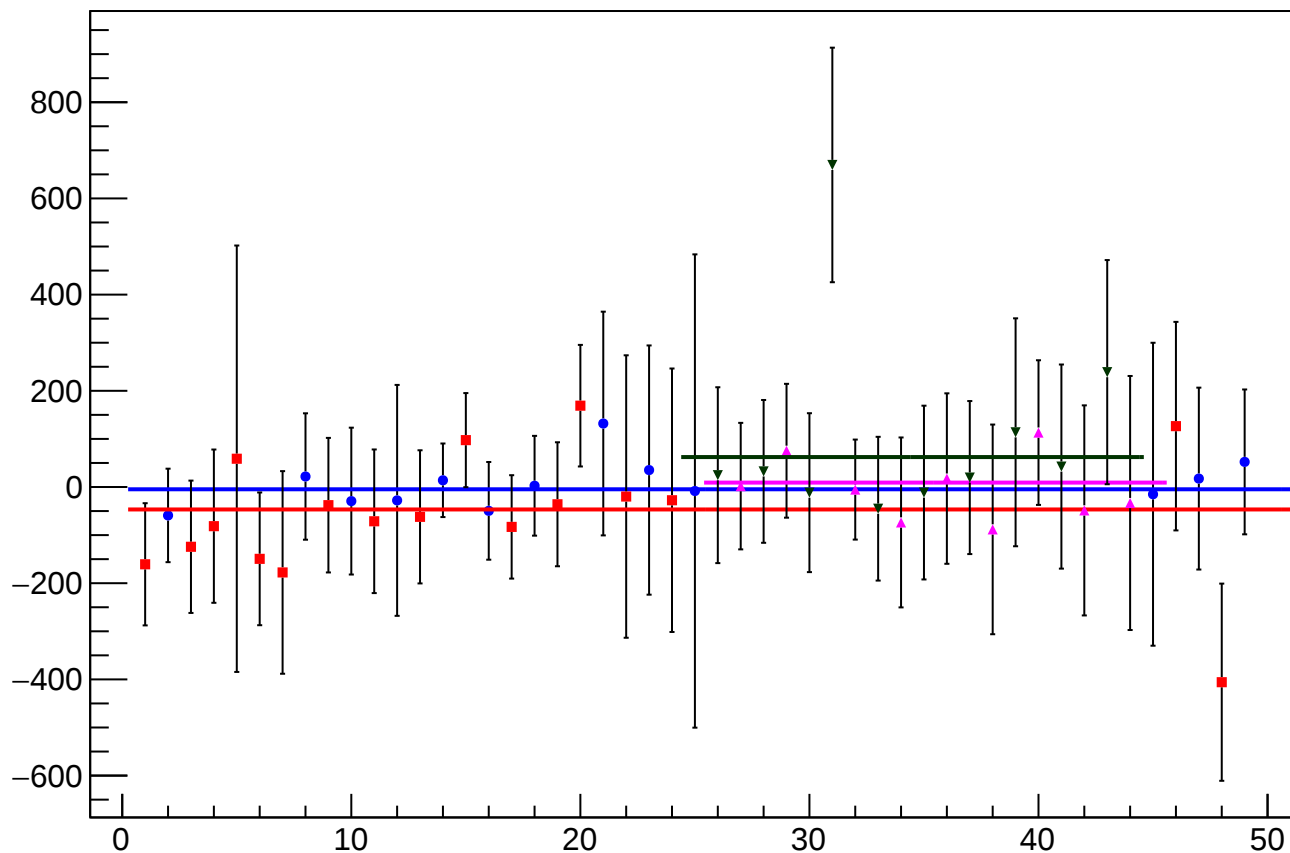
Left Out: 127.722 $\pm$ 0.040 χ^2 /NDF: 192416.0/9

128.250 $\pm$ 0.019 χ^2 /NDF: 7206005.7/48

Right Out: 125.207 $\pm$ 0.035 χ^2 /NDF: 3279461.9/16

Left In: 119.298 $\pm$ 0.036 χ^2 /NDF: 373674.7/8

asym_bcm_an_ds3_mean vs slug



Right In: -4.727 ± 37.674 $\chi^2/\text{NDF}: 1.2/12$

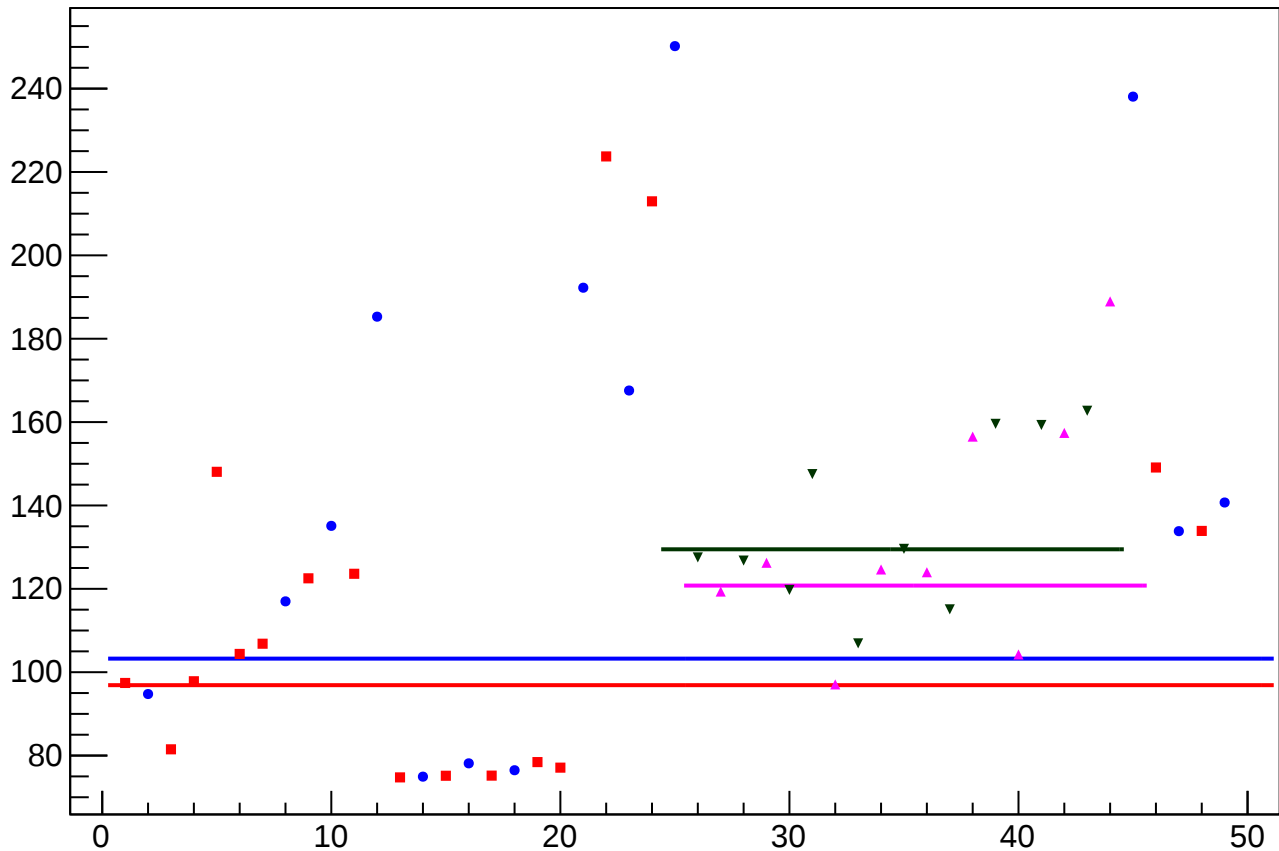
Left Out: 62.264 ± 57.532 $\chi^2/\text{NDF}: 7.9/9$

Right Out: -46.676 ± 36.123 $\chi^2/\text{NDF}: 11.1/16$

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

-7.914 ± 21.620 $\chi^2/\text{NDF}: 24.2/48$

asym_bcm_an_ds3_rms vs slug



Right In: 103.256+/-0.027 χ^2/NDF : 2024404.7/12

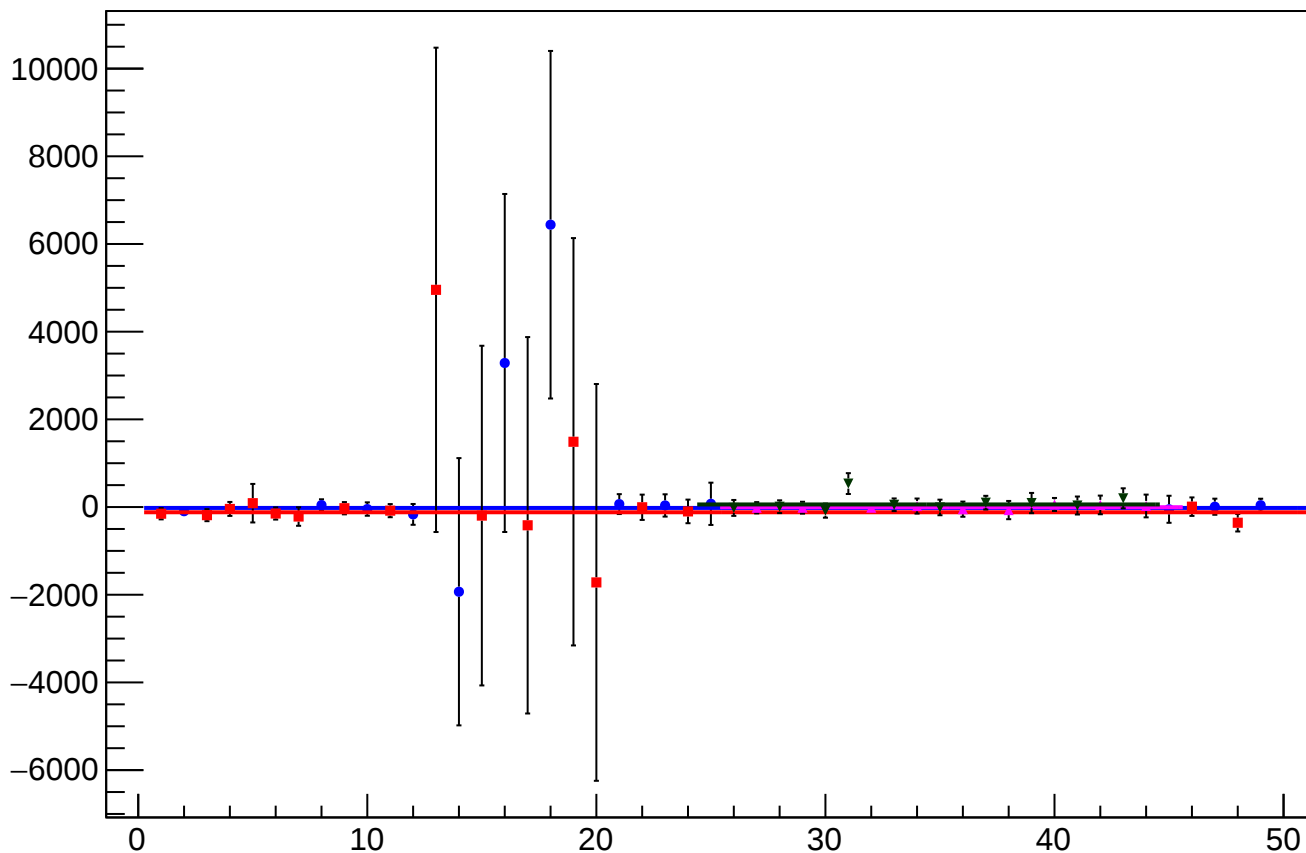
Left Out: 129.483+/-0.041 χ^2/NDF : 193272.5/9

107.680+/-0.015 χ^2/NDF : 4641470.5/48

Right Out: 96.889+/-0.026 χ^2/NDF : 1428333.5/16

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

asym_bcm_an_us_mean vs slug



Right In: -20.118+/-54.607 χ^2/NDF : 5.4/12

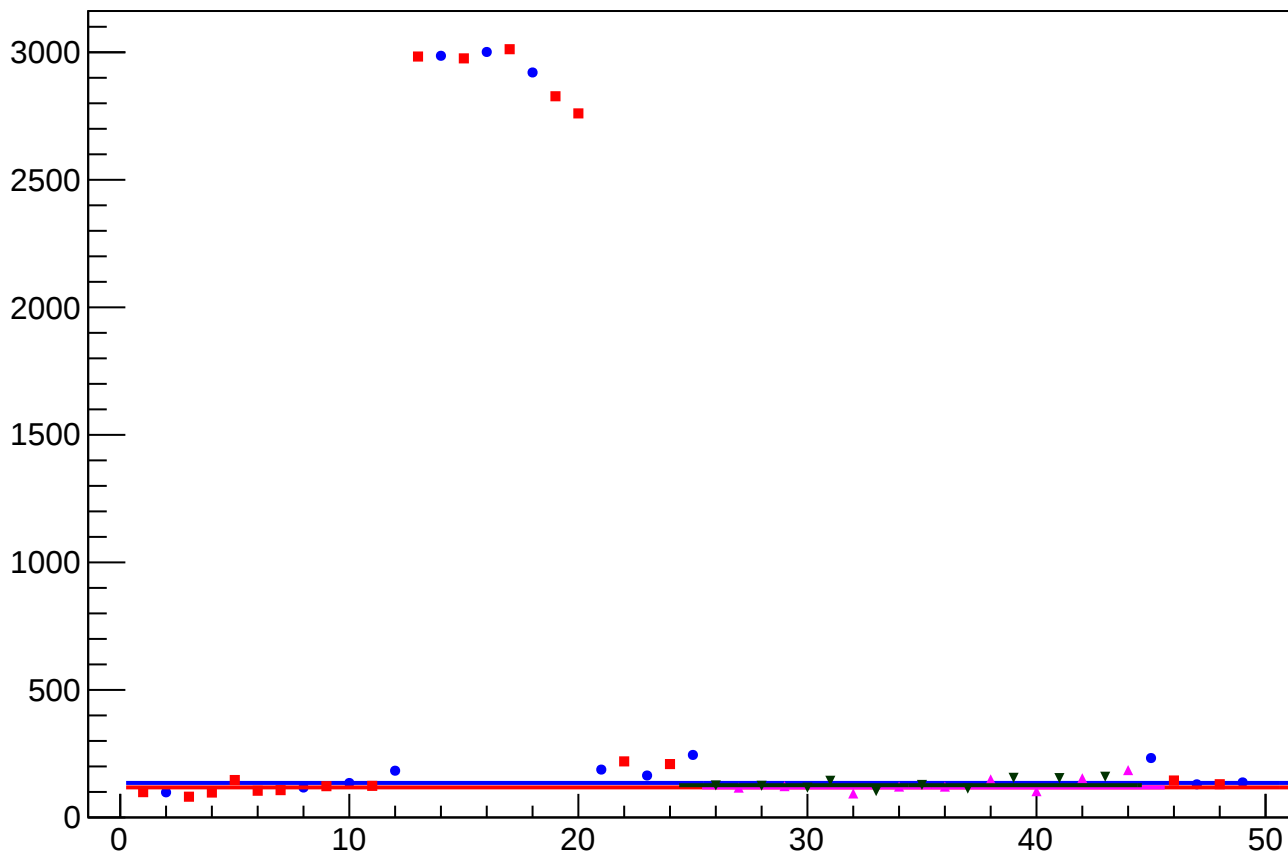
Left Out: 59.322+/-56.217 χ^2/NDF : 5.7/9

Right Out: -119.054+/-49.912 χ^2/NDF : 4.6/16

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

-25.977+/-26.360 χ^2/NDF : 22.1/48

asym_bcm_an_us_rms vs slug



Right In: 135.401 $\pm$ 0.039 χ^2 /NDF: 4648853.7/12

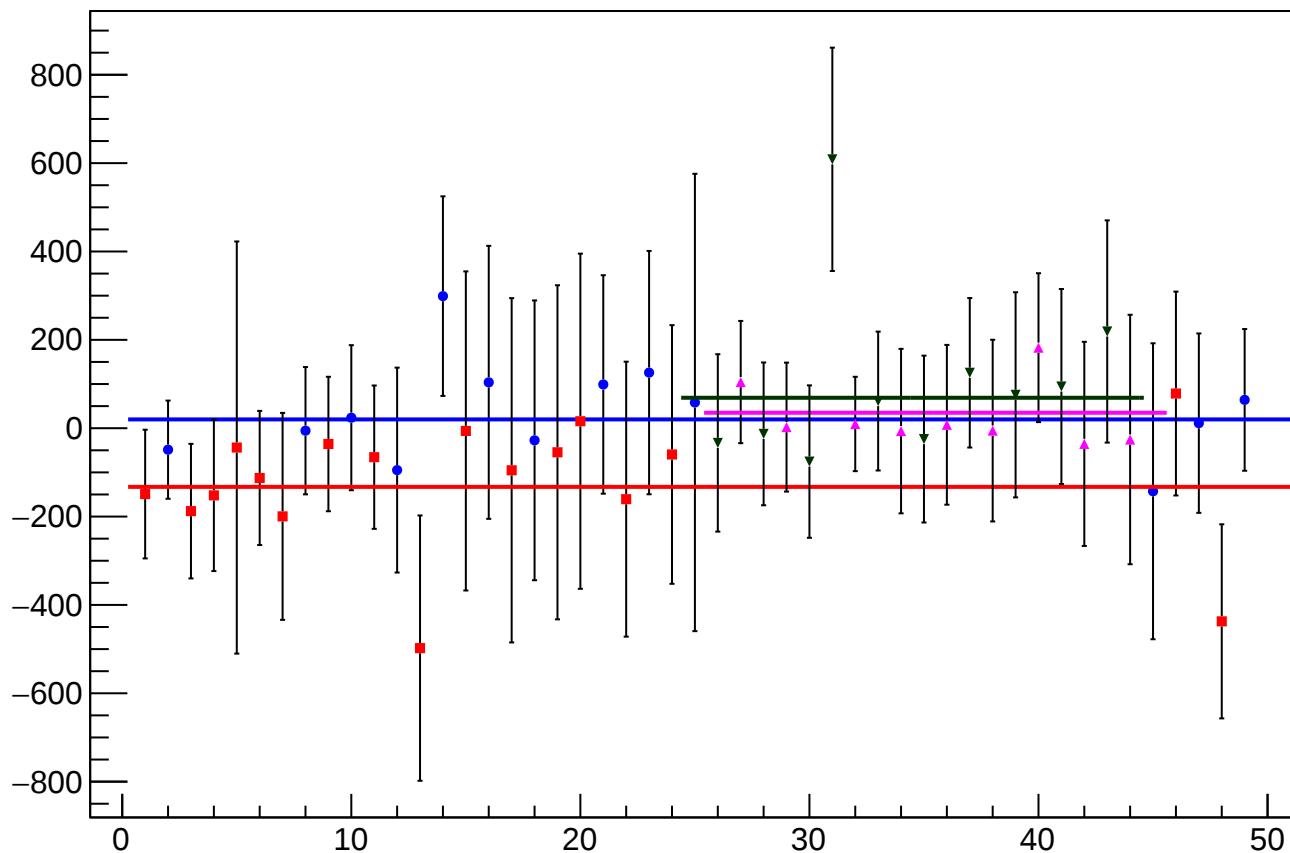
Left Out: 126.427 $\pm$ 0.040 χ^2 /NDF: 196342.9/9

Right Out: 117.859 $\pm$ 0.035 χ^2 /NDF: 4672417.7/16

Left In: 117.705 $\pm$ 0.036 χ^2 /NDF: 374840.6/8

123.789 $\pm$ 0.019 χ^2 /NDF: 10044105.4/48

asym_bcm_dg_us_mean vs slug



Right In: 19.925+/-55.031 χ^2/NDF : 2.8/12

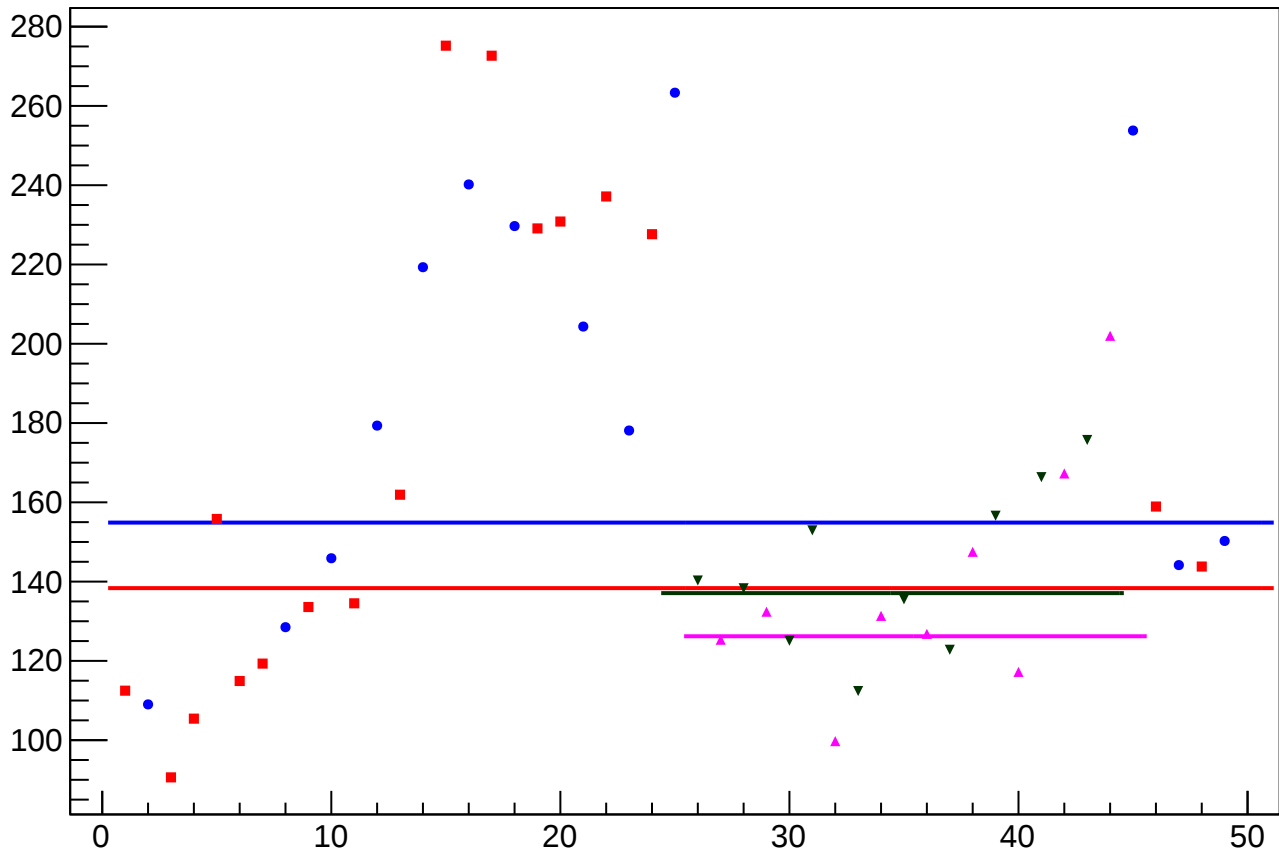
Left Out: 68.904+/-60.779 χ^2/NDF : 6.5/9

Right Out: -132.784+/-51.815 χ^2/NDF : 5.5/16

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

-9.510+/-27.630 χ^2/NDF : 24.5/48

asym_bcm_dg_us_rms vs slug



Right In: 154.890 $\pm$ 0.039 χ^2/NDF : 1226391.6/12

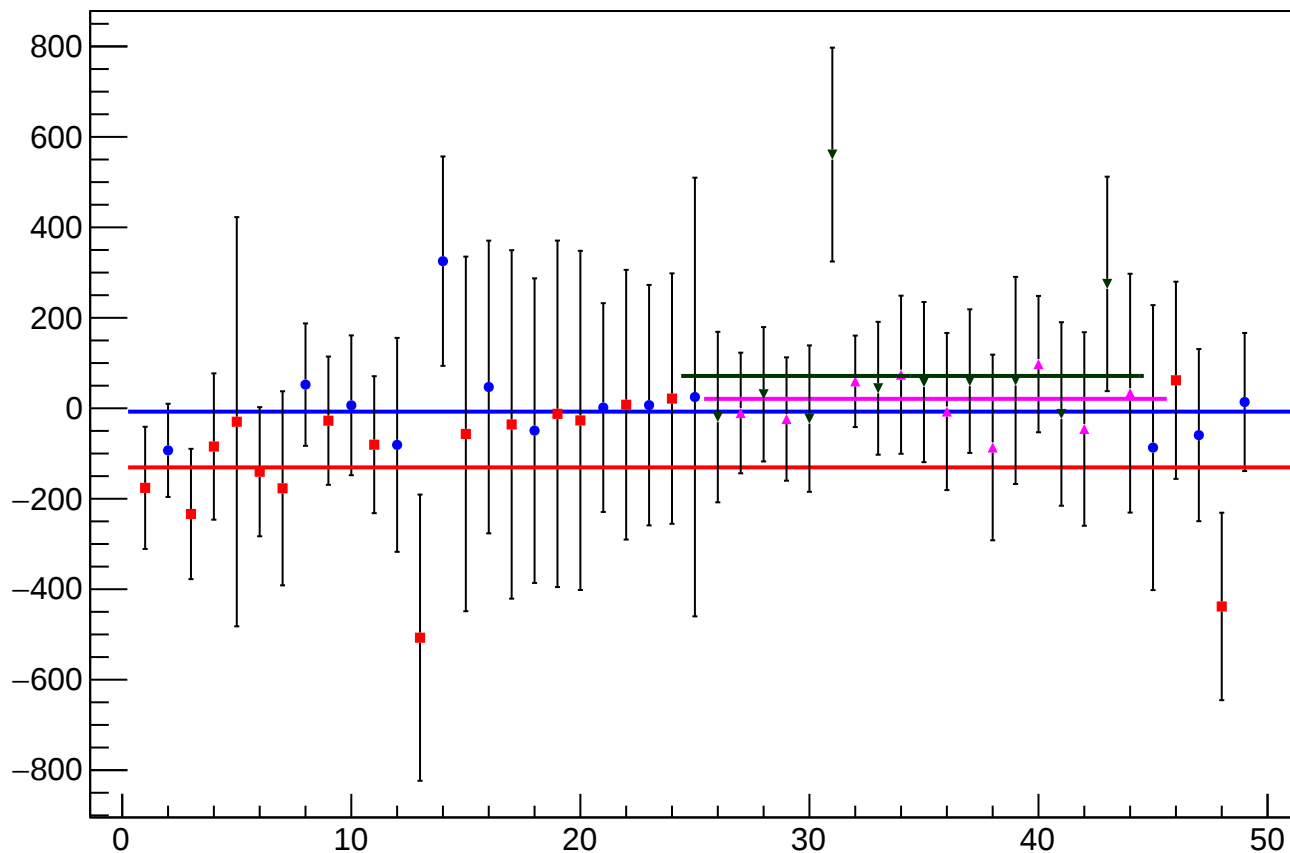
Left Out: 137.095 $\pm$ 0.043 χ^2/NDF : 178426.5/9

Right Out: 138.356 $\pm$ 0.037 χ^2/NDF : 1576045.4/16

Left In: 126.212 $\pm$ 0.039 χ^2/NDF : 362509.2/8

139.144 $\pm$ 0.020 χ^2/NDF : 3622382.1/48

asym_bcm_dg_ds_mean vs slug



Right In: -7.389 ± 52.447 $\chi^2/\text{NDF}: 3.3/12$

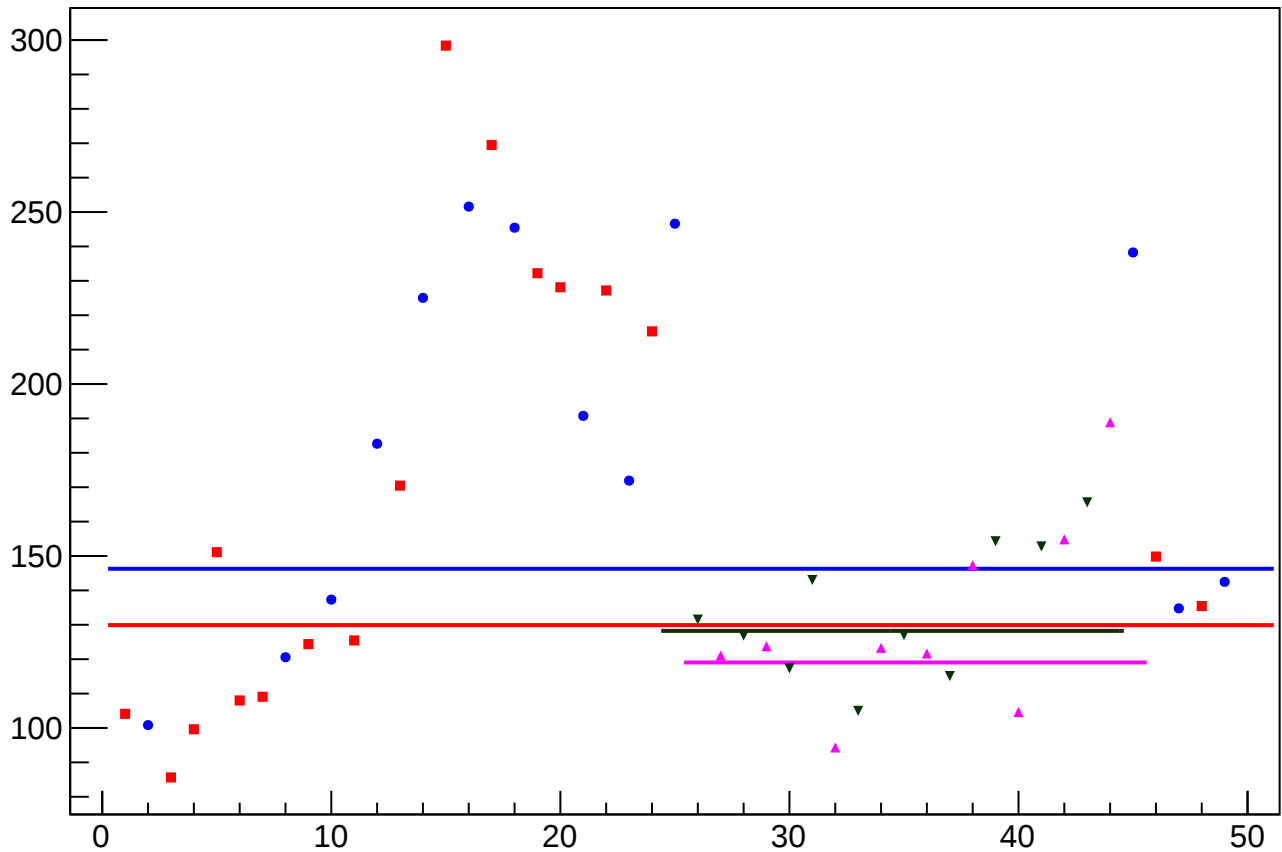
Left Out: 71.515 ± 56.917 $\chi^2/\text{NDF}: 5.9/9$

Right Out: -130.647 ± 49.023 $\chi^2/\text{NDF}: 6.6/16$

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

-18.477 ± 26.117 $\chi^2/\text{NDF}: 25.2/48$

asym_bcm_dg_ds_rms vs slug



Right In: 146.294+/-0.037 χ^2/NDF : 1490315.5/12

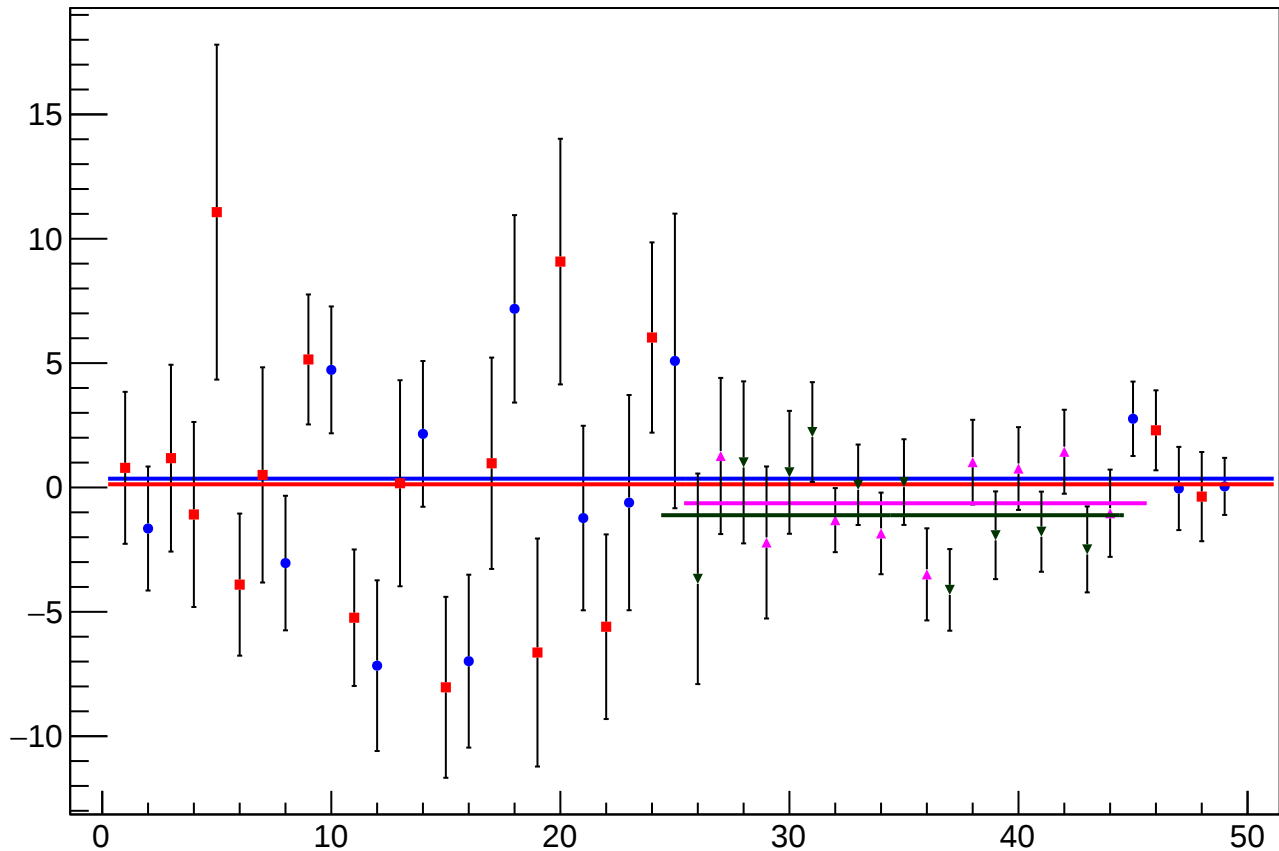
Left Out: 128.233+/-0.040 χ^2/NDF :186477.9/9

130.819+/-0.018 χ^2/NDF : 4110260.3/48

Right Out: 129.902+/-0.035 χ^2/NDF : 1773742.2/16

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

asym_cav4bQ_mean vs slug



Right In: 0.353 ± 0.629 χ^2/NDF : 21.7/12

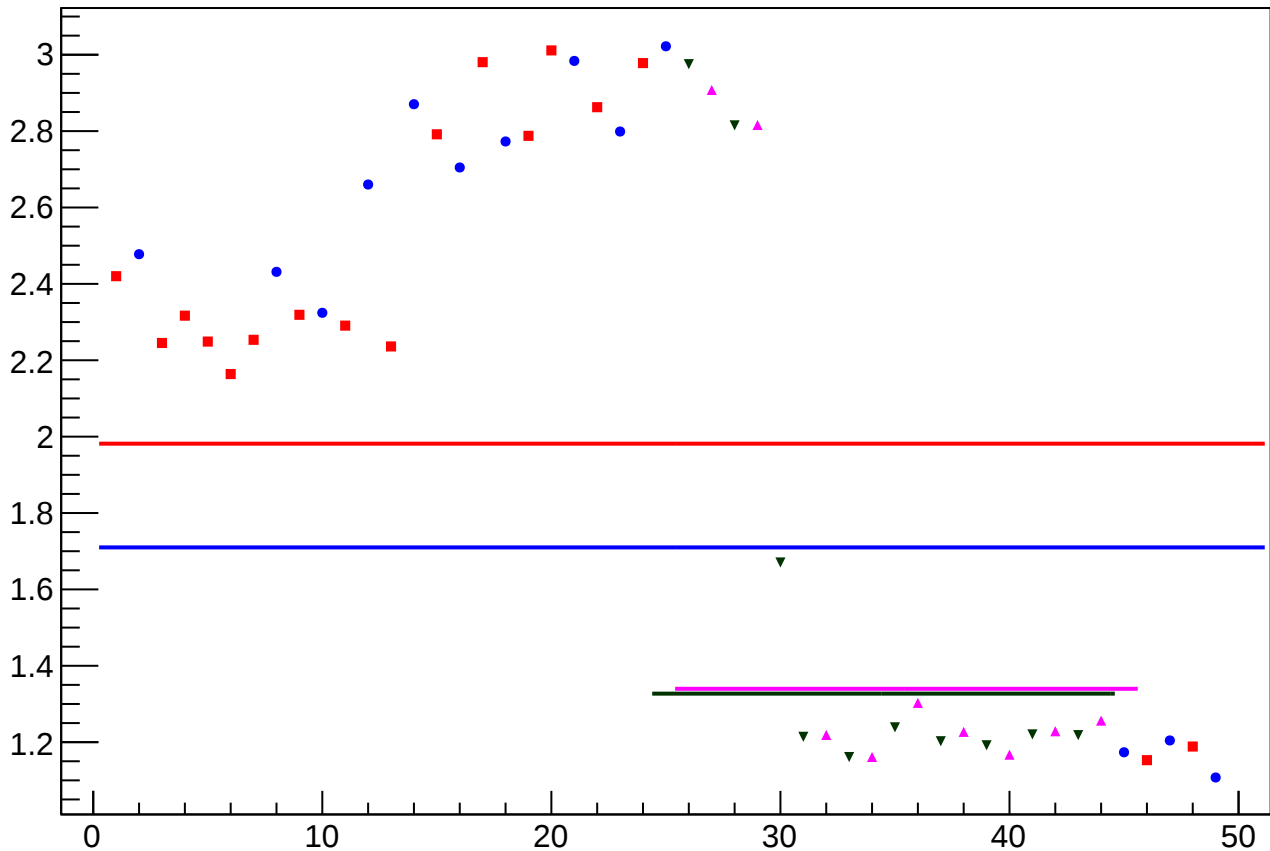
Left Out: -1.116 ± 0.609 χ^2/NDF : 9.6/9

Right Out: 0.127 ± 0.736 χ^2/NDF : 29.6/16

Left In: -0.634 ± 0.592 χ^2/NDF : 7.0/8

-0.372 ± 0.318 χ^2/NDF : 71.4/48

asym_cav4bQ_rms vs slug



Right In: 1.710+/-0.000 χ^2/NDF : 2689378.3/12

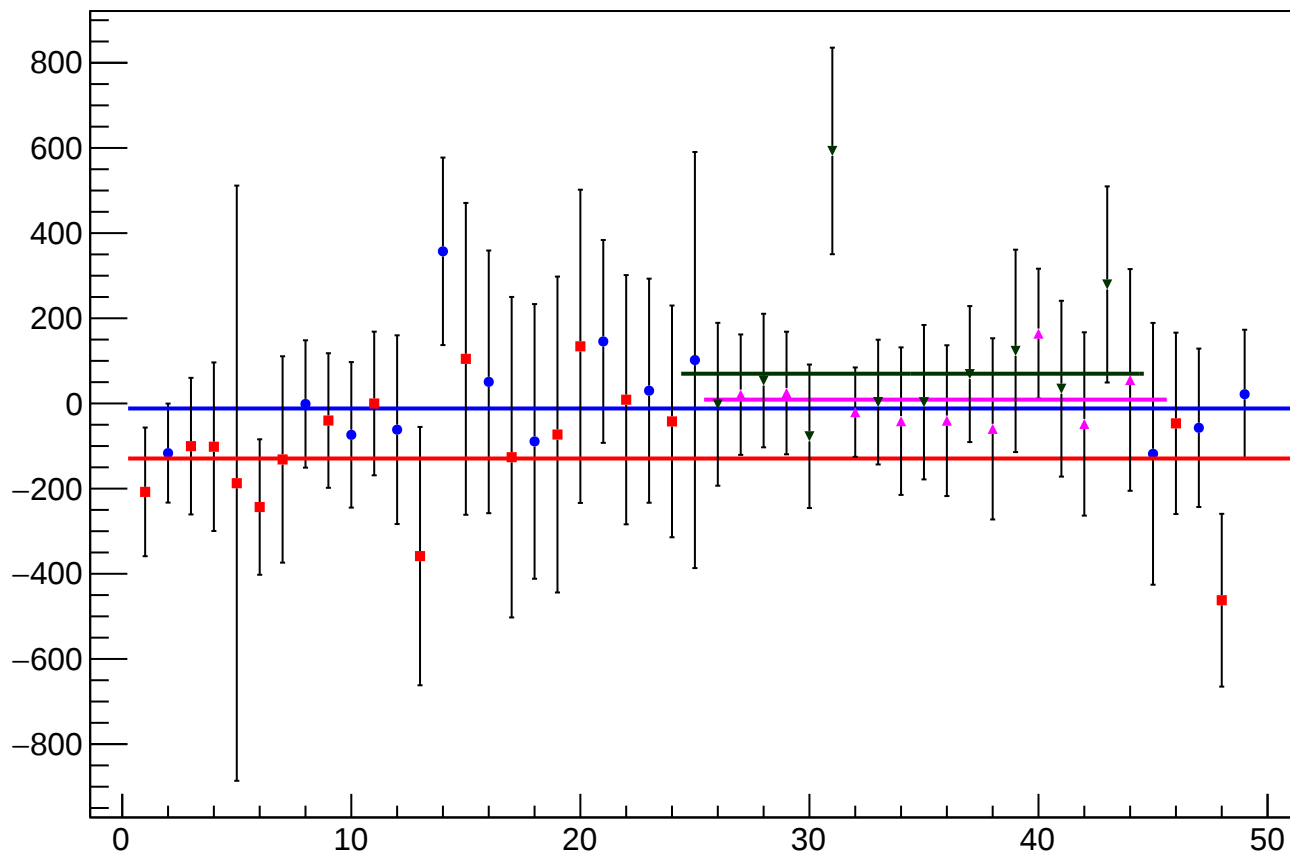
Left Out: 1.327+/-0.000 χ^2/NDF : 831904.3/9

1.550+/-0.000 χ^2/NDF : 7590914.6/48

Right Out: 1.982+/-0.001 χ^2/NDF : 1682149.5/16

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

asym_cav4cQ_mean vs slug



Right In: -11.808 ± 54.760 $\chi^2/\text{NDF}: 4.7/12$

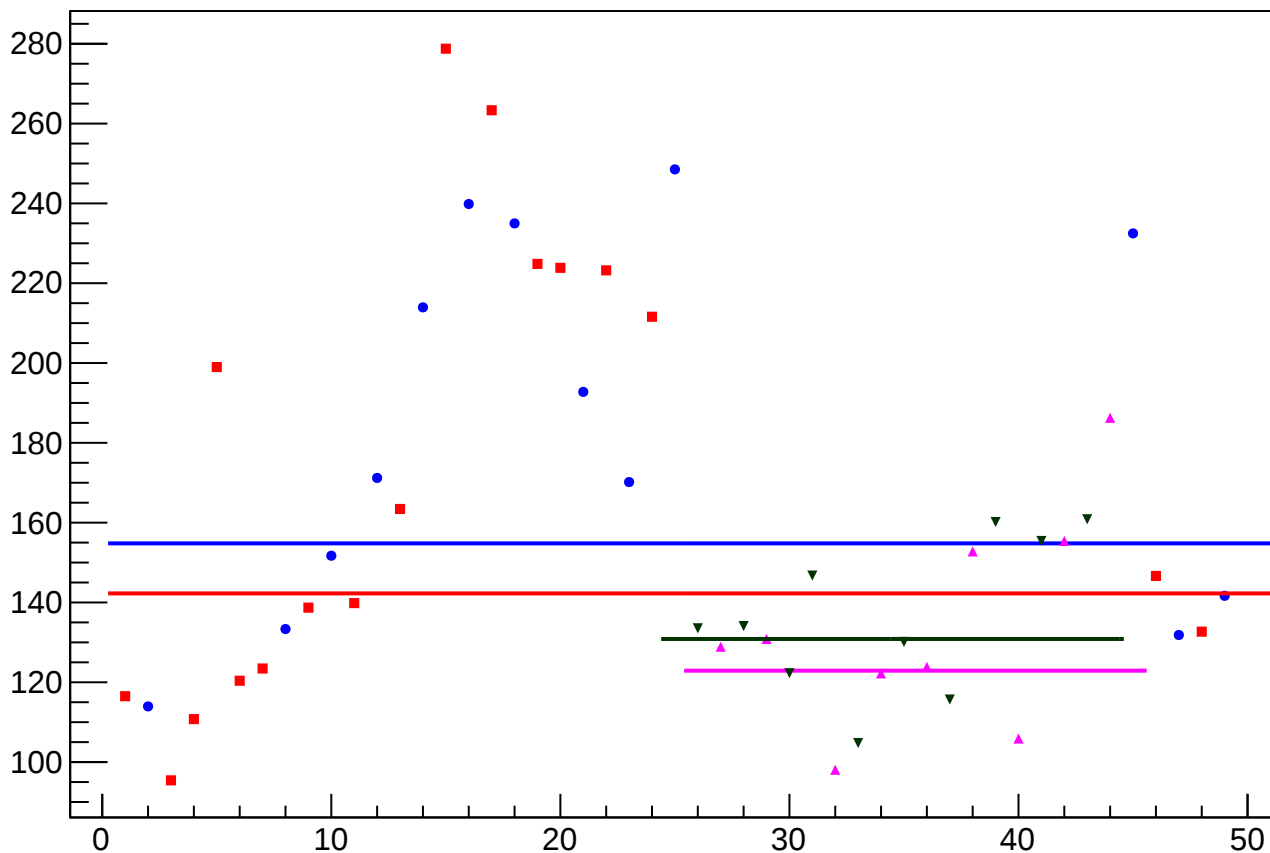
Left Out: 69.857 ± 58.074 $\chi^2/\text{NDF}: 6.8/9$

Right Out: -129.260 ± 53.180 $\chi^2/\text{NDF}: 6.4/16$

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

-19.215 ± 27.325 $\chi^2/\text{NDF}: 26.3/48$

asym_cav4cQ_rms vs slug



Right In: 154.806+/-0.039 χ^2/NDF : 1024260.8/12

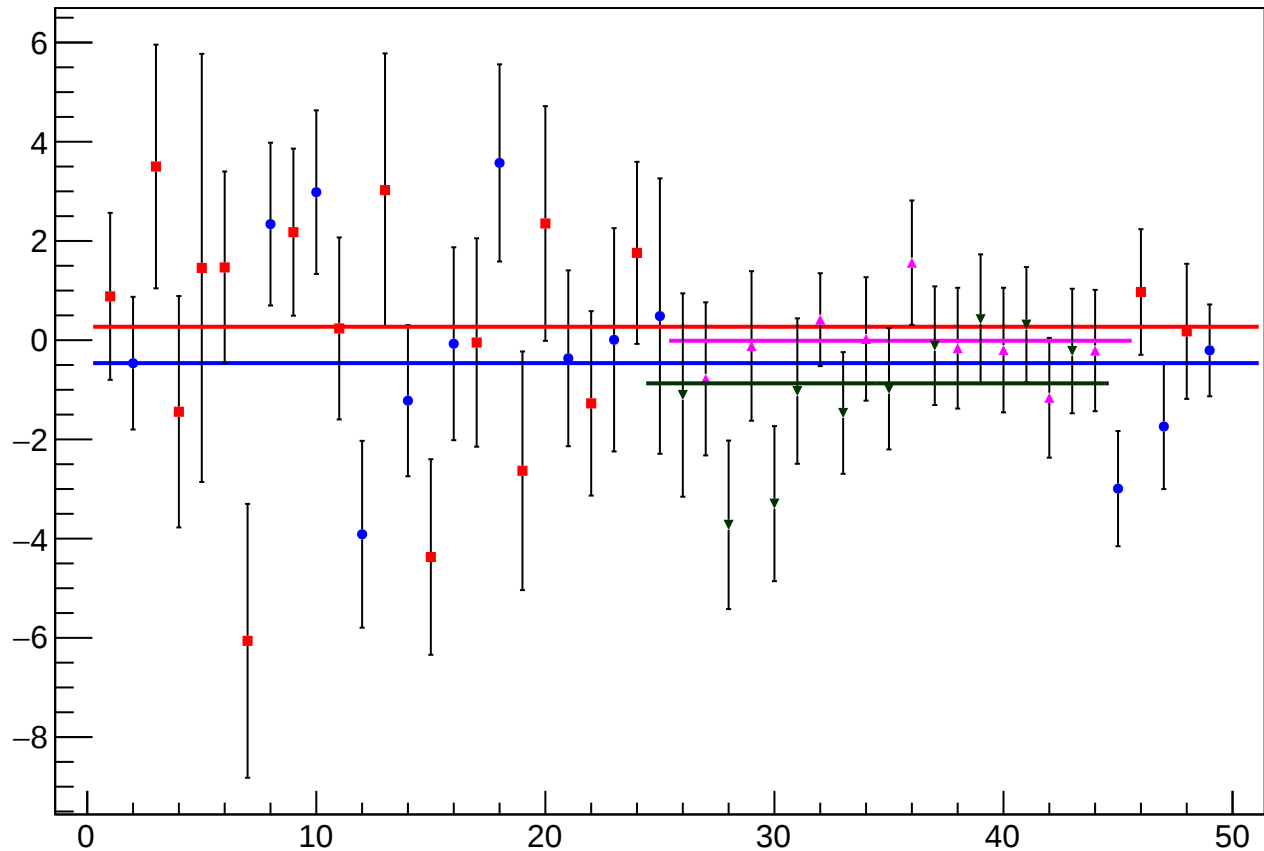
Left Out: 130.853+/-0.041 χ^2/NDF :189147.6/9

137.722+/-0.019 χ^2/NDF : 3281342.7/48

Right Out: 142.269+/-0.038 χ^2/NDF : 1324390.3/16

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

asym_cav4dQ_mean vs slug



Right In: -0.462 ± 0.418 $\chi^2/\text{NDF}: 21.1/12$

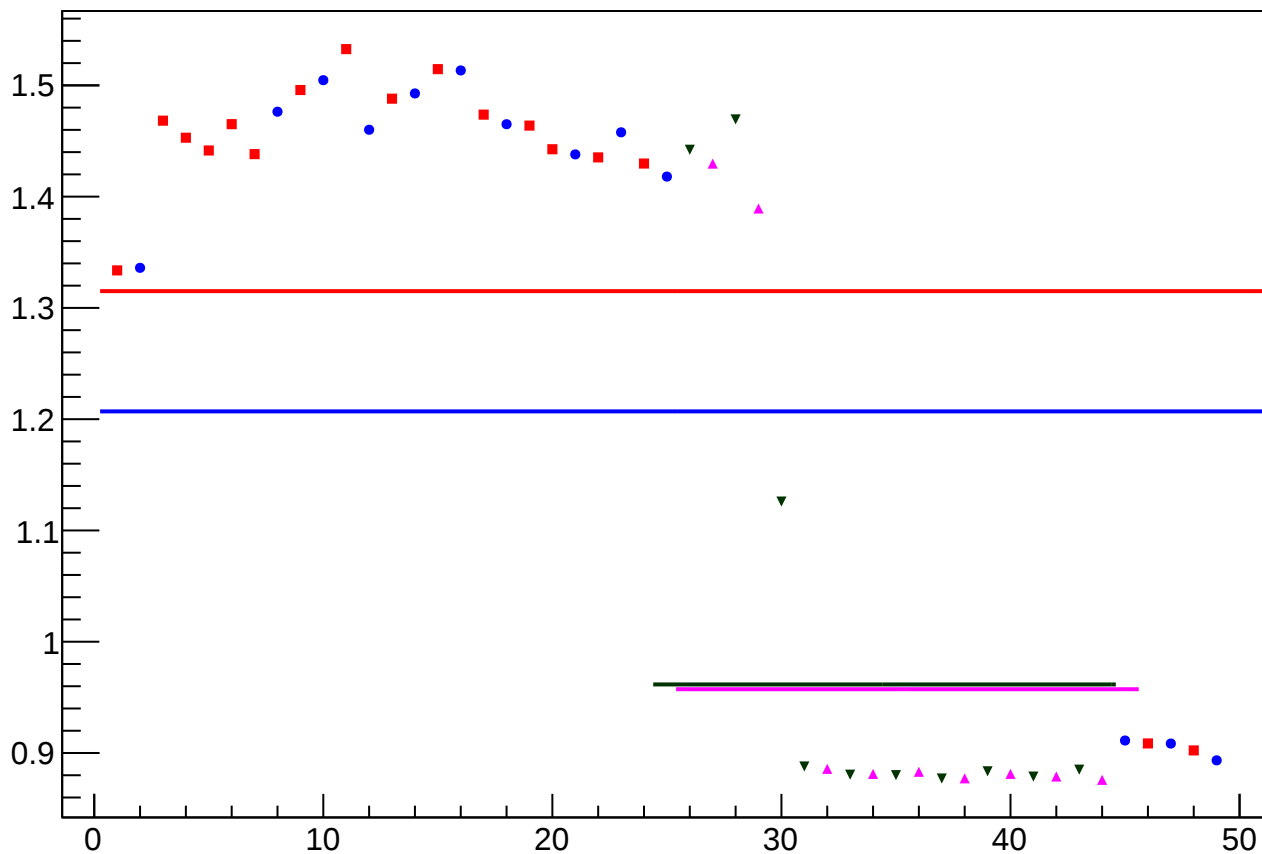
Left Out: -0.870 ± 0.428 $\chi^2/\text{NDF}: 8.2/9$

Right Out: 0.271 ± 0.470 $\chi^2/\text{NDF}: 19.9/16$

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

-0.288 ± 0.215 $\chi^2/\text{NDF}: 56.0/48$

asym_cav4dQ_rms vs slug



Right In: 1.207+/-0.000 χ^2/NDF : 869298.5/12

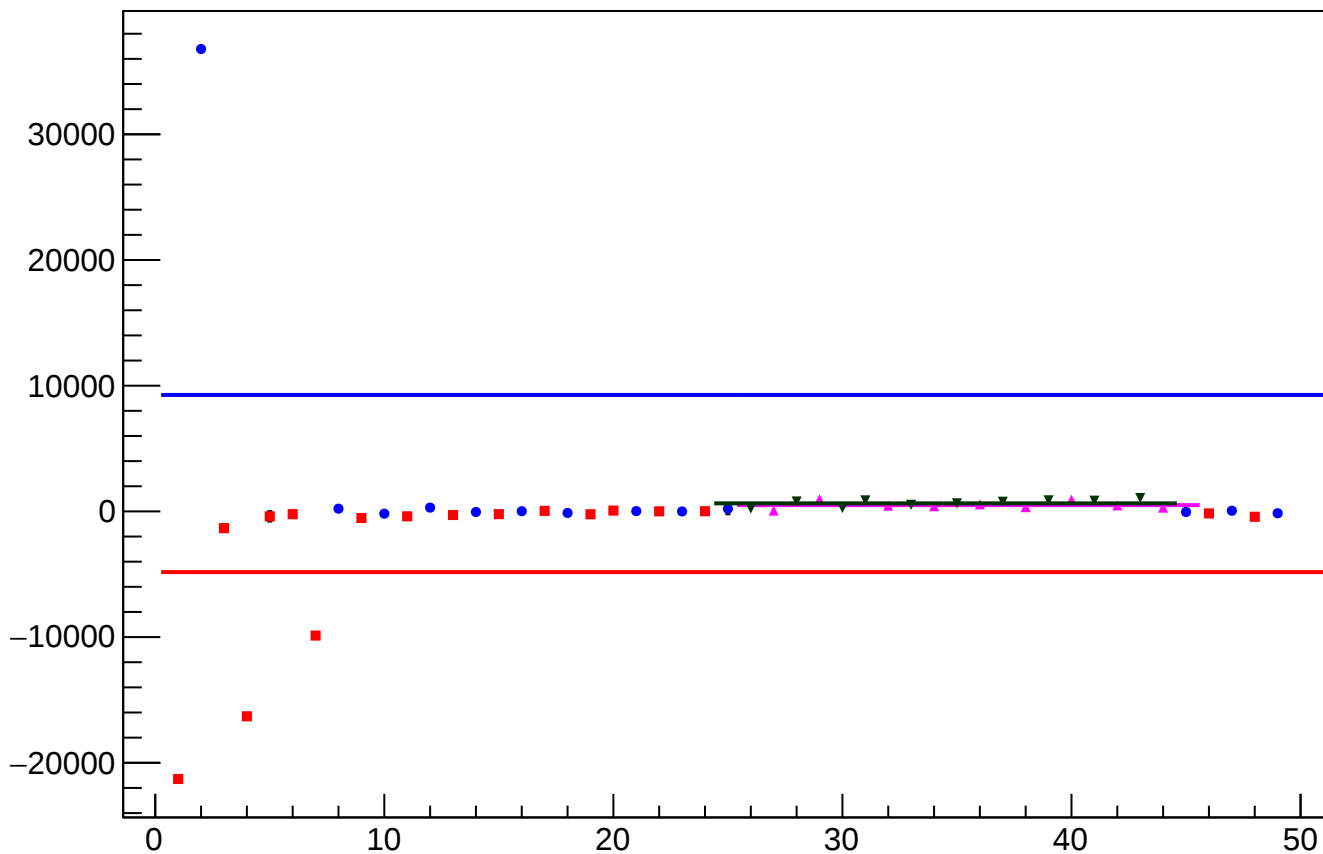
Left Out: 0.962+/-0.000 χ^2/NDF : 368279.6/9

Right Out: 1.315+/-0.000 χ^2/NDF : 543355.3/16

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

1.099+/-0.000 χ^2/NDF : 3192501.5/48

asym_bcm0l02_mean vs slug



Right In: 9265.078+/-54.499 χ^2/NDF : 85791.9/12

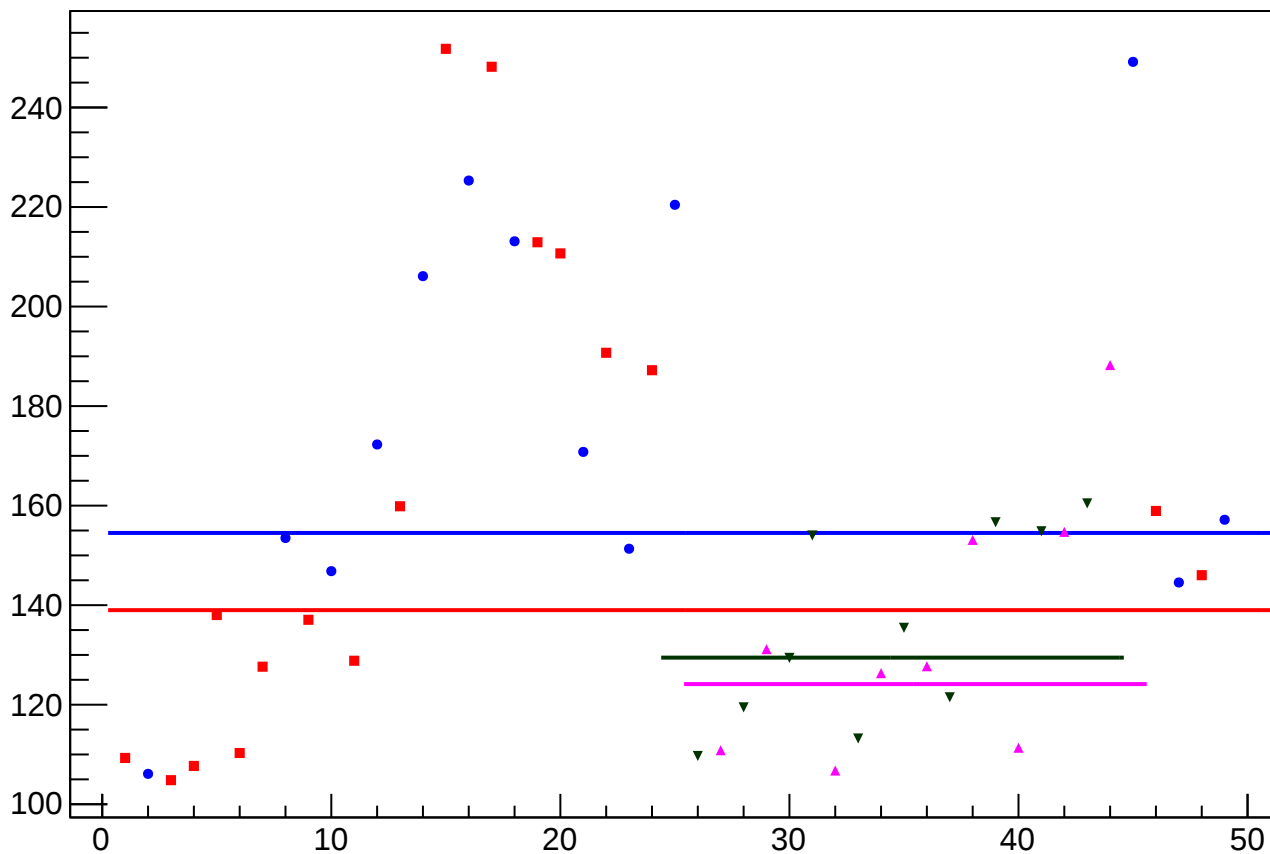
Left Out: 639.239+/-57.504 χ^2/NDF : 20.2/9

Right Out: -4829.907+/-51.413 χ^2/NDF : 23376.1/16

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

1212.506+/-27.021 χ^2/NDF : 145144.7/48

asym_bcm0l02_rms vs slug



Right In: 154.512+/-0.039 χ^2/NDF : 962490.4/12

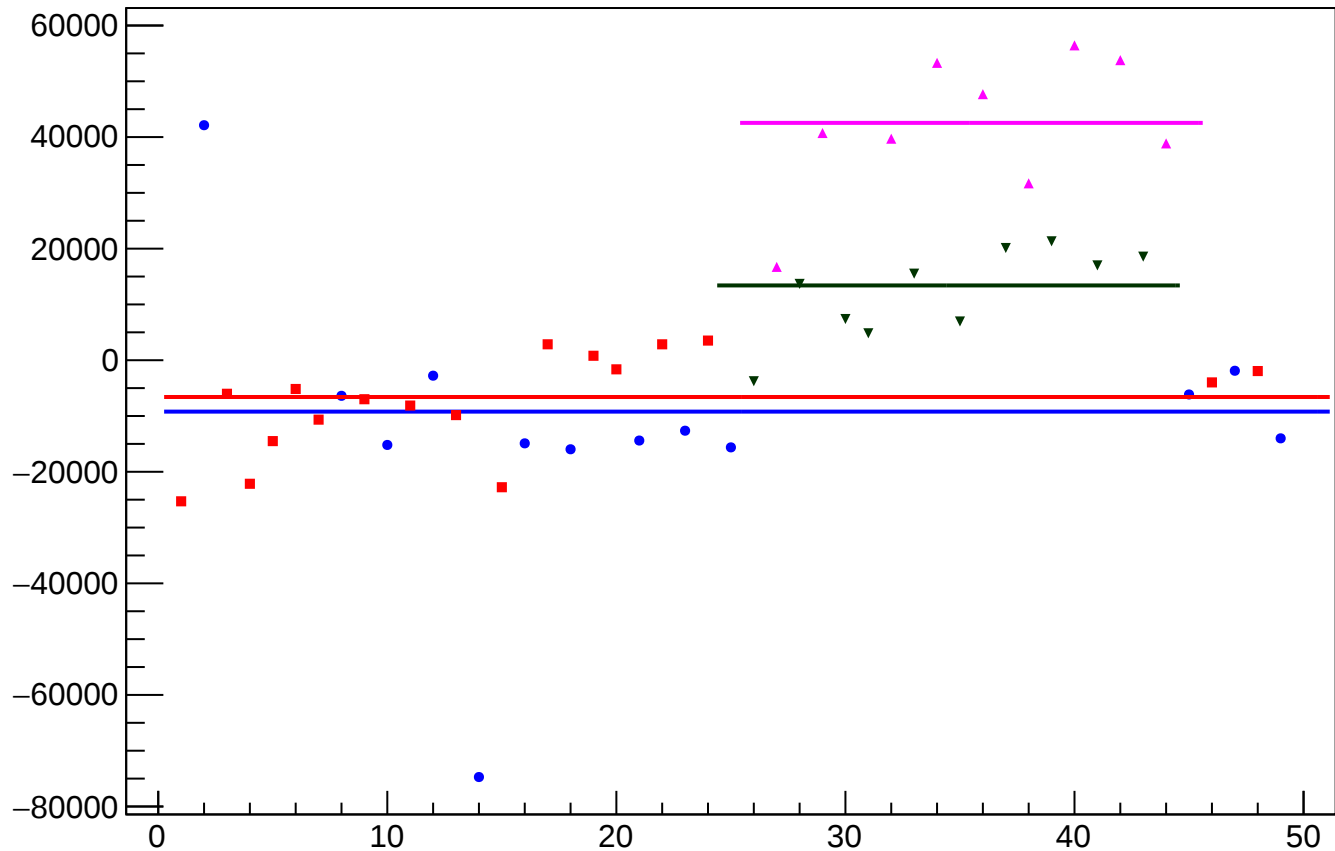
Left Out: 129.459+/-0.041 χ^2/NDF : 182455.9/9

136.886+/-0.019 χ^2/NDF : 2890774.4/48

Right Out: 138.999+/-0.036 χ^2/NDF : 1100069.8/16

Left In: 124.143+/-0.038 χ^2/NDF : 285457.0/8

asym_bpm2i01WS_mean vs slug



Right In: -9213.539+/-37.840 χ^2/NDF : 443537.7/12

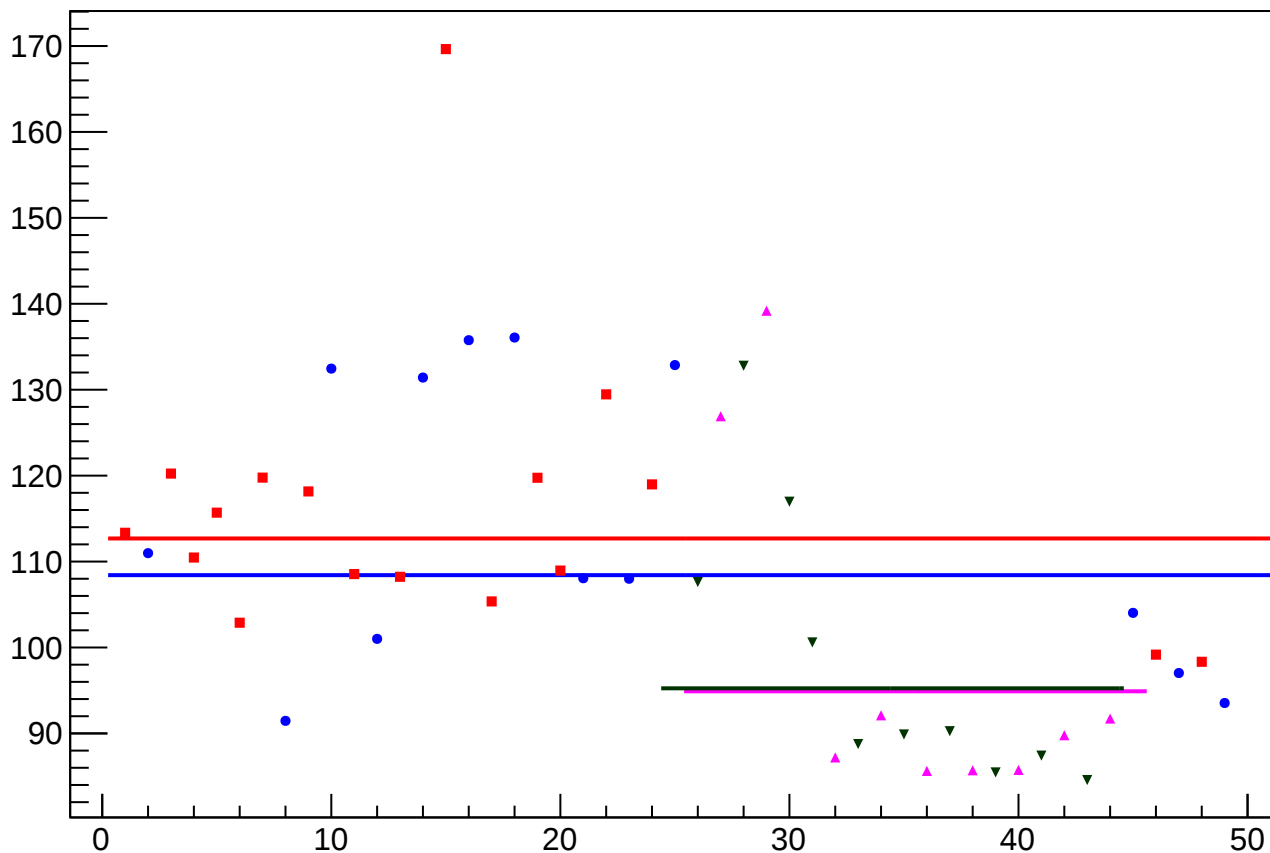
Left Out: 13405.362+/-42.893 χ^2/NDF : 28720.4/9

Right Out: -6593.193+/-41.112 χ^2/NDF : 43487.2/16

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

9001.224+/-20.343 χ^2/NDF : 1629139.3/48

asym_bpm2i01WS_rms vs slug



Right In: 108.420+/-0.027 χ^2/NDF : 334408.0/12

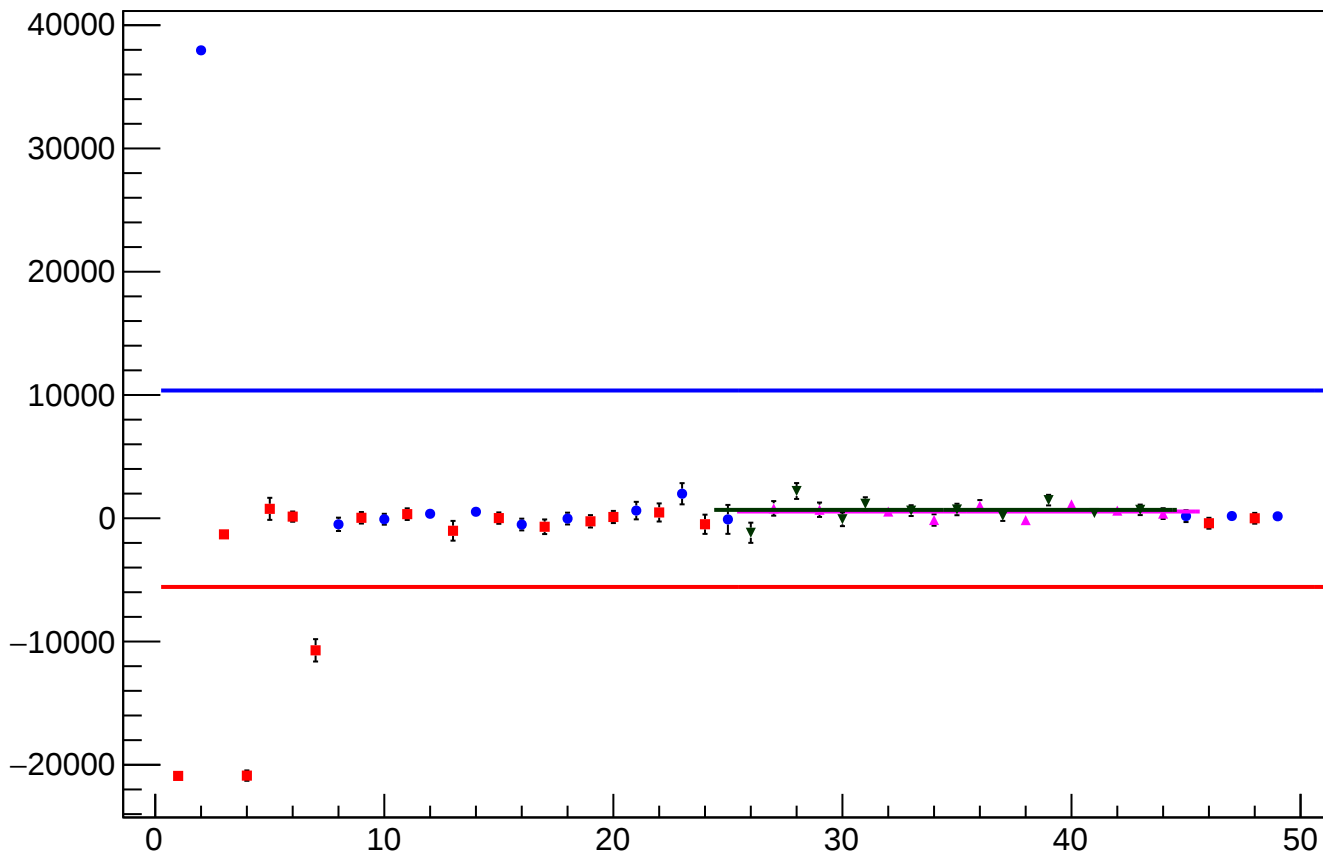
Left Out: 95.249+/-0.030 χ^2/NDF :204901.3/9

Right Out: 112.687+/-0.029 χ^2/NDF : 206495.7/16

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

103.242+/-0.014 χ^2/NDF : 1353625.3/48

asym_bpm0i07WS_mean vs slug



Right In: 10364.549+/-112.134 χ^2 /NDF: 22392.3/12

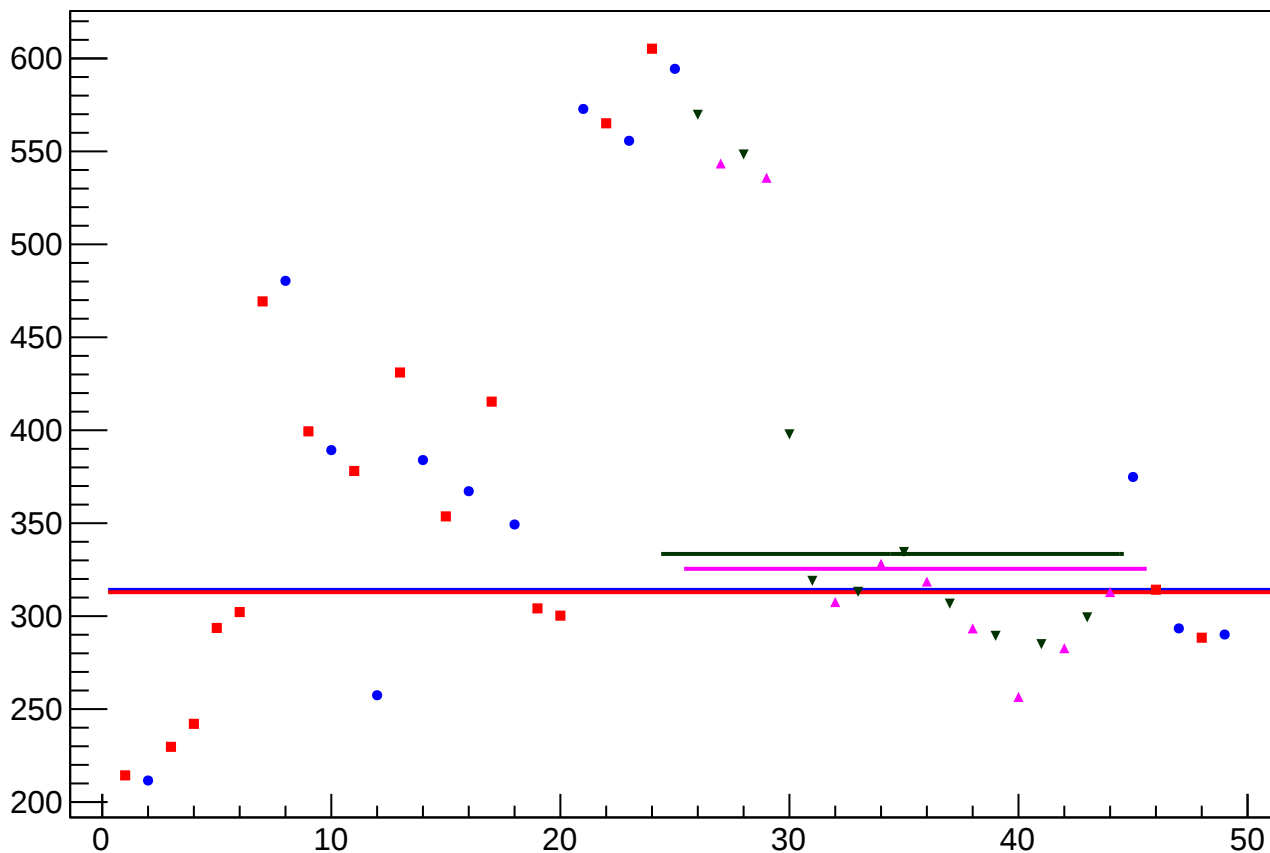
Left Out: 679.433+/-150.483 χ^2 /NDF:18.7/9

Right Out: -5571.344+/-116.757 χ^2 /NDF: 5913.0/16

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

1914.777+/-63.629 χ^2 /NDF: 38283.2/48

asym_bpm0i07WS_rms vs slug



Right In: 314.125+/-0.079 χ^2/NDF : 1440668.1/12

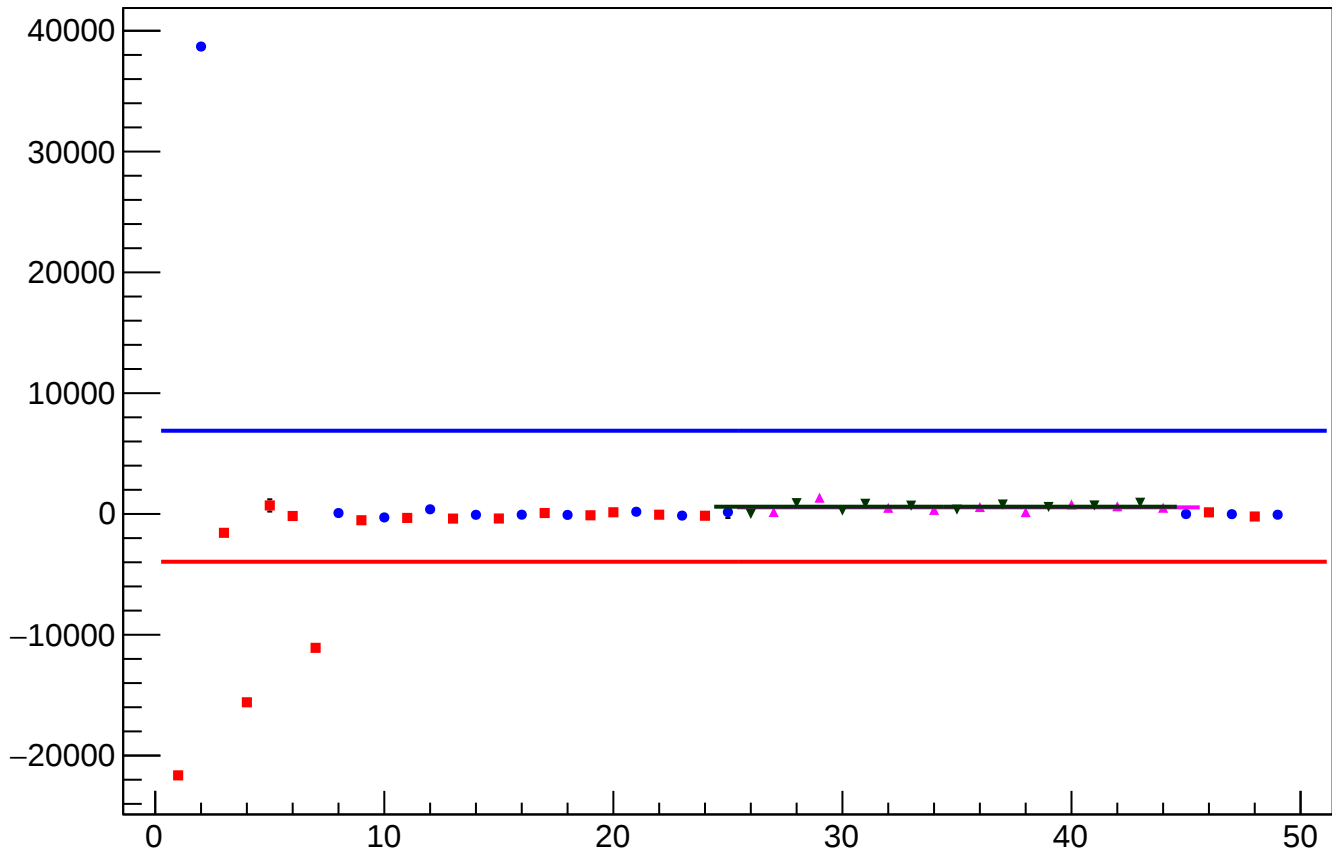
Left Out: 333.460+/-0.106 χ^2/NDF : 496634.9/9

319.506+/-0.045 χ^2/NDF : 3824516.2/48

Right Out: 312.884+/-0.083 χ^2/NDF : 1208212.1/16

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

asym_bpm0l01WS_mean vs slug



Right In: 6889.094+/-65.380 χ^2/NDF : 51352.0/12

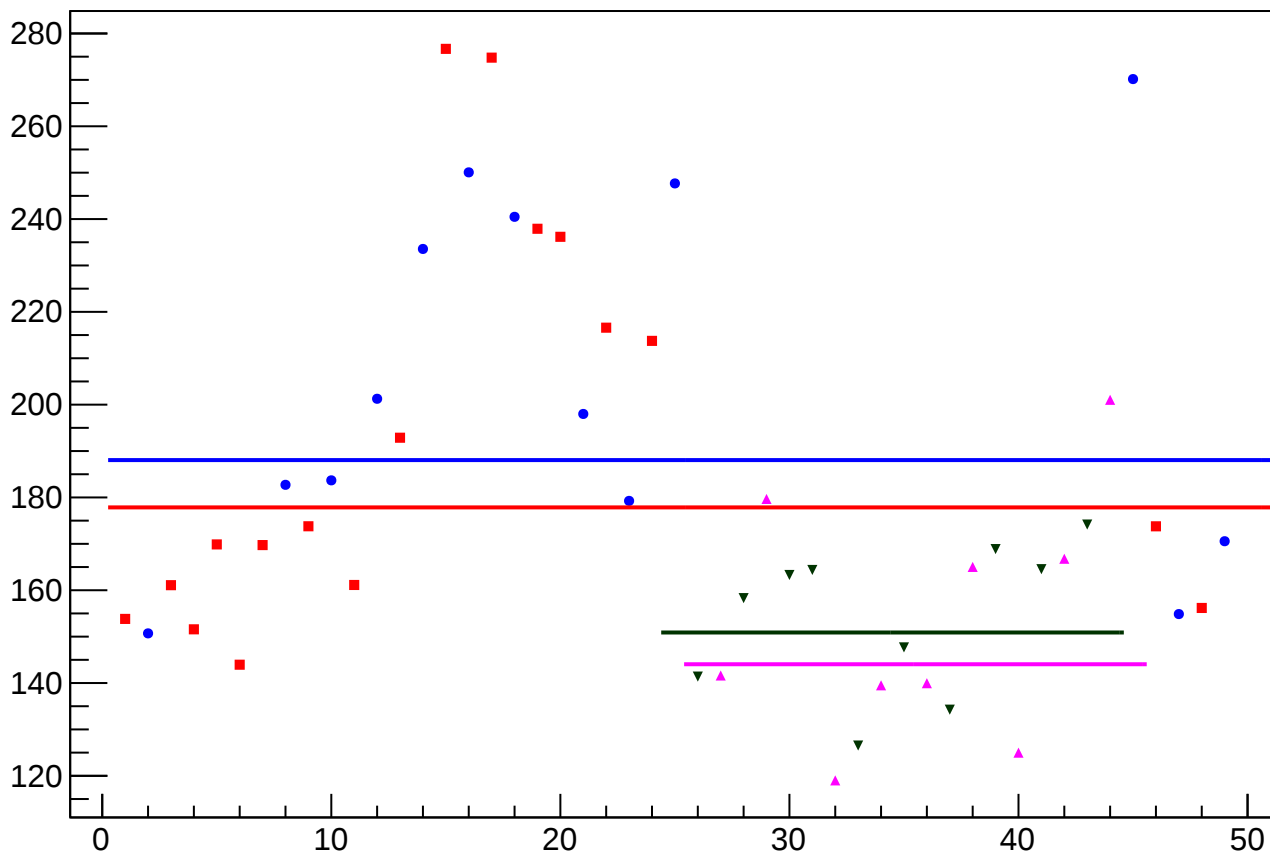
Left Out: 599.867+/-66.829 χ^2/NDF : 18.7/9

980.601+/-32.273 χ^2/NDF : 78512.8/48

Right Out: -3954.415+/-64.594 χ^2/NDF : 13026.7/16

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

asym_bpm0l01WS_rms vs slug



Right In: 188.052+/-0.046 χ^2/NDF : 529171.3/12

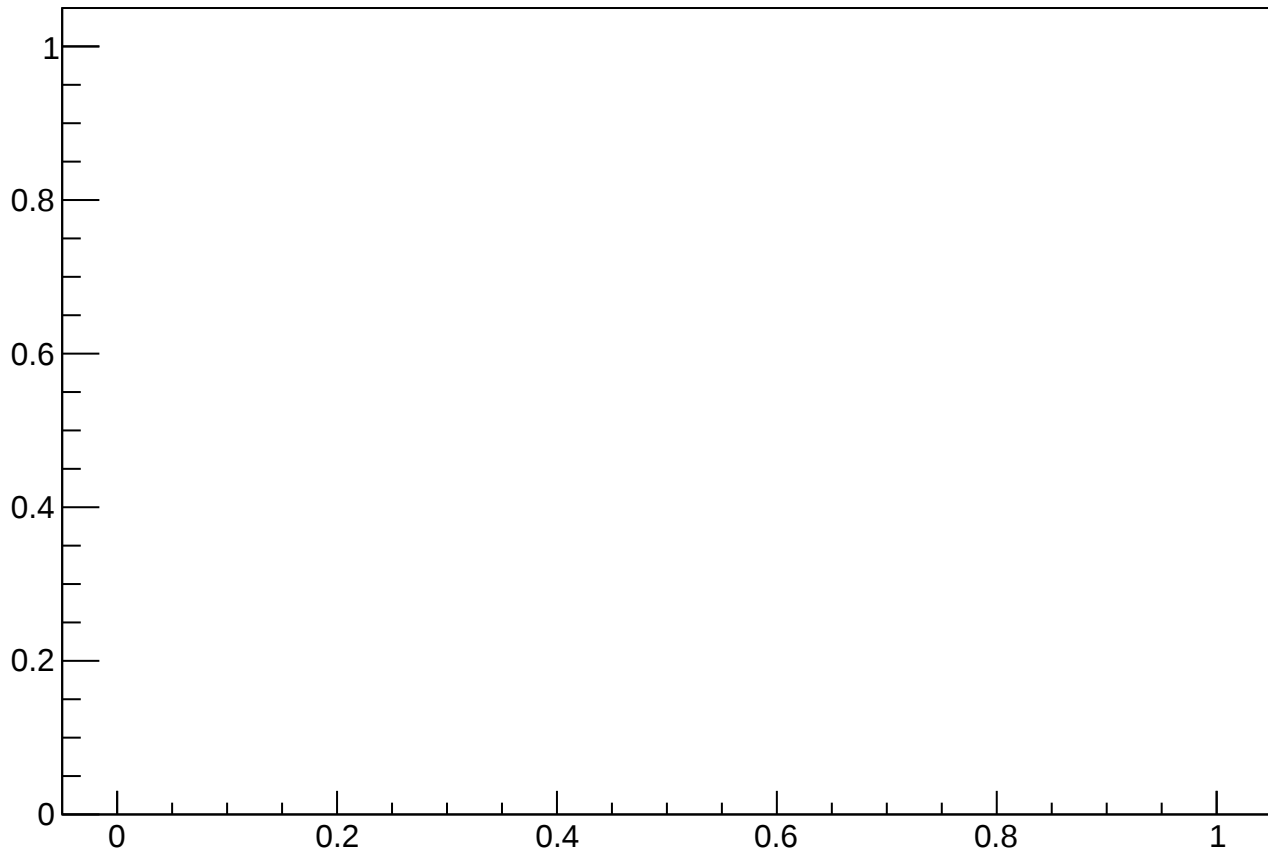
Left Out: 150.893+/-0.047 χ^2/NDF : 108919.3/9

164.806+/-0.023 χ^2/NDF : 2164758.1/48

Right Out: 177.854+/-0.046 χ^2/NDF : 591522.3/16

Left In: 144.049+/-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

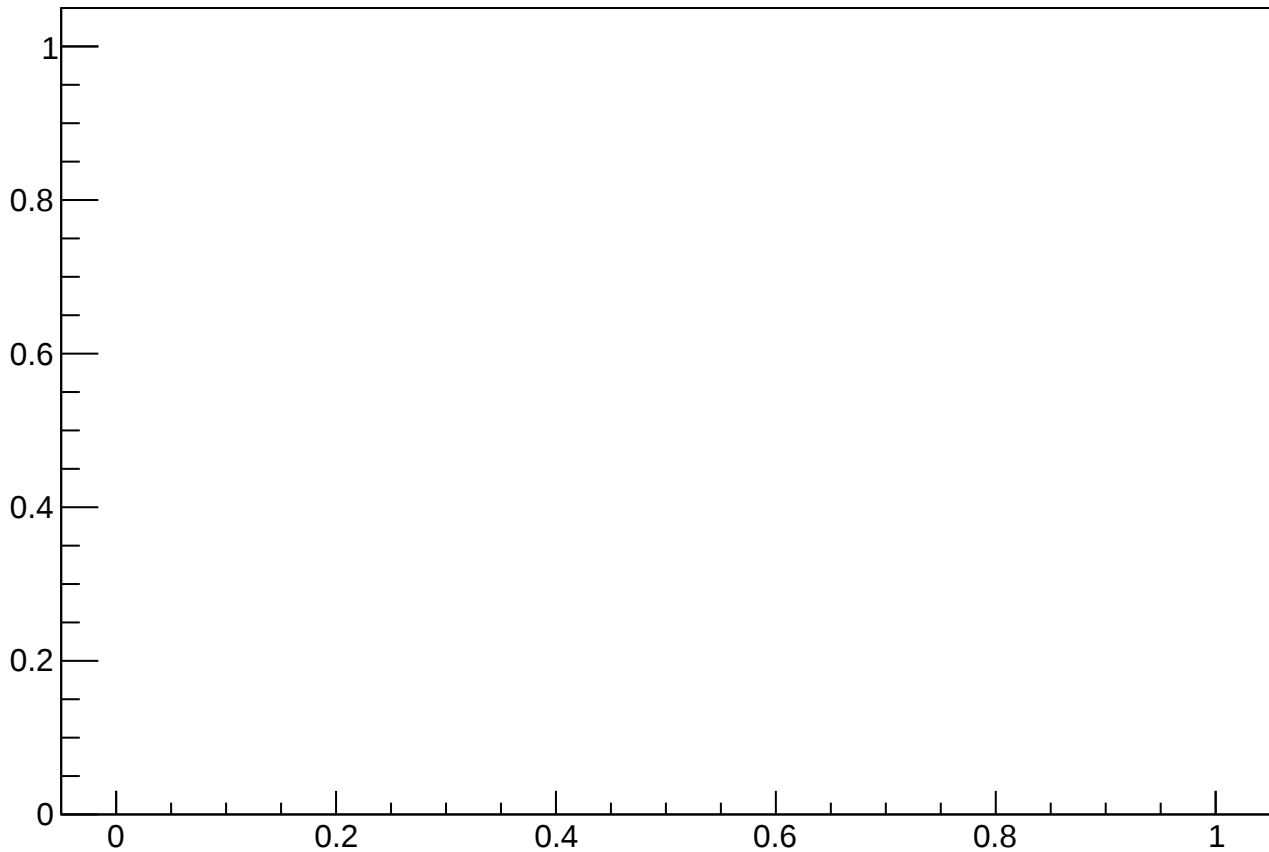
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

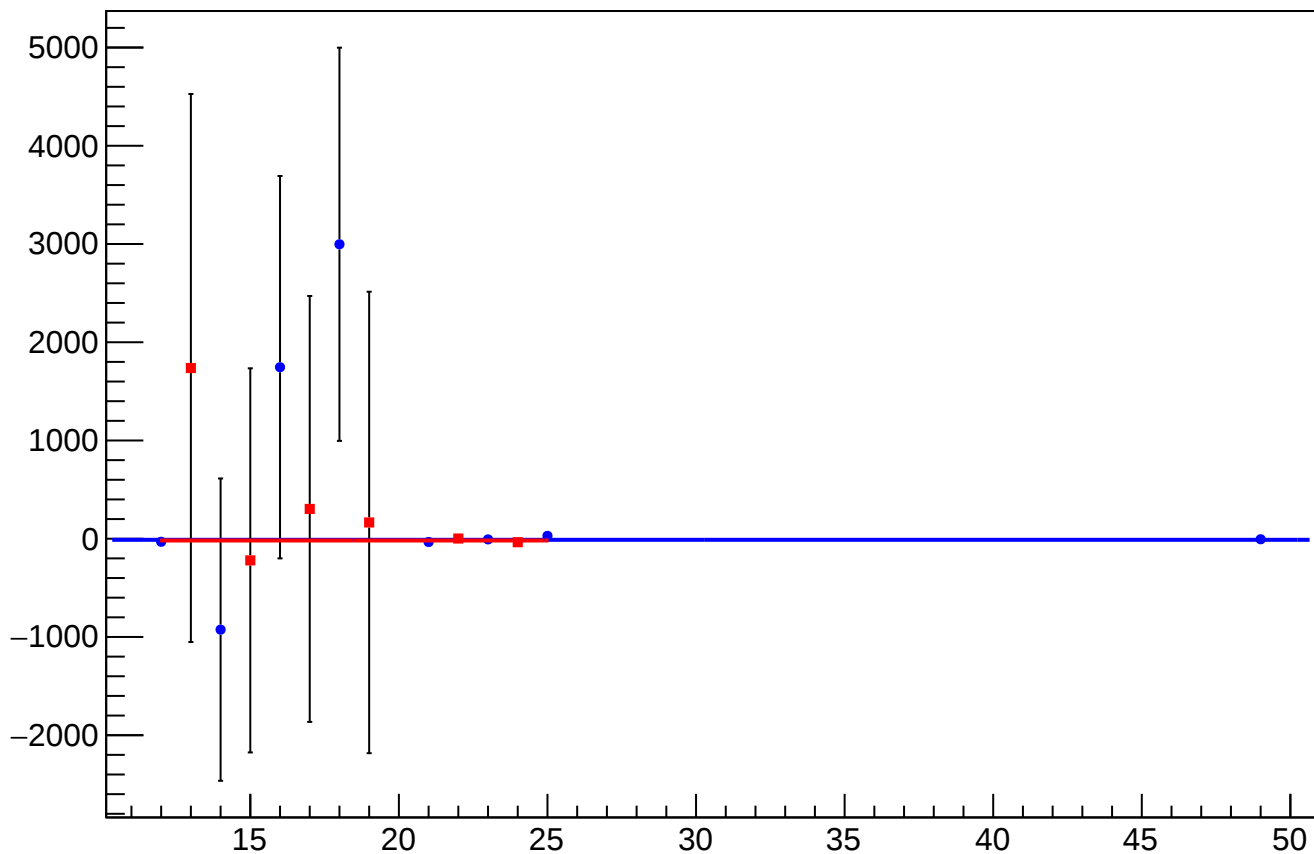
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -11.036+/-10.722 χ^2 /NDF: 6.3/7

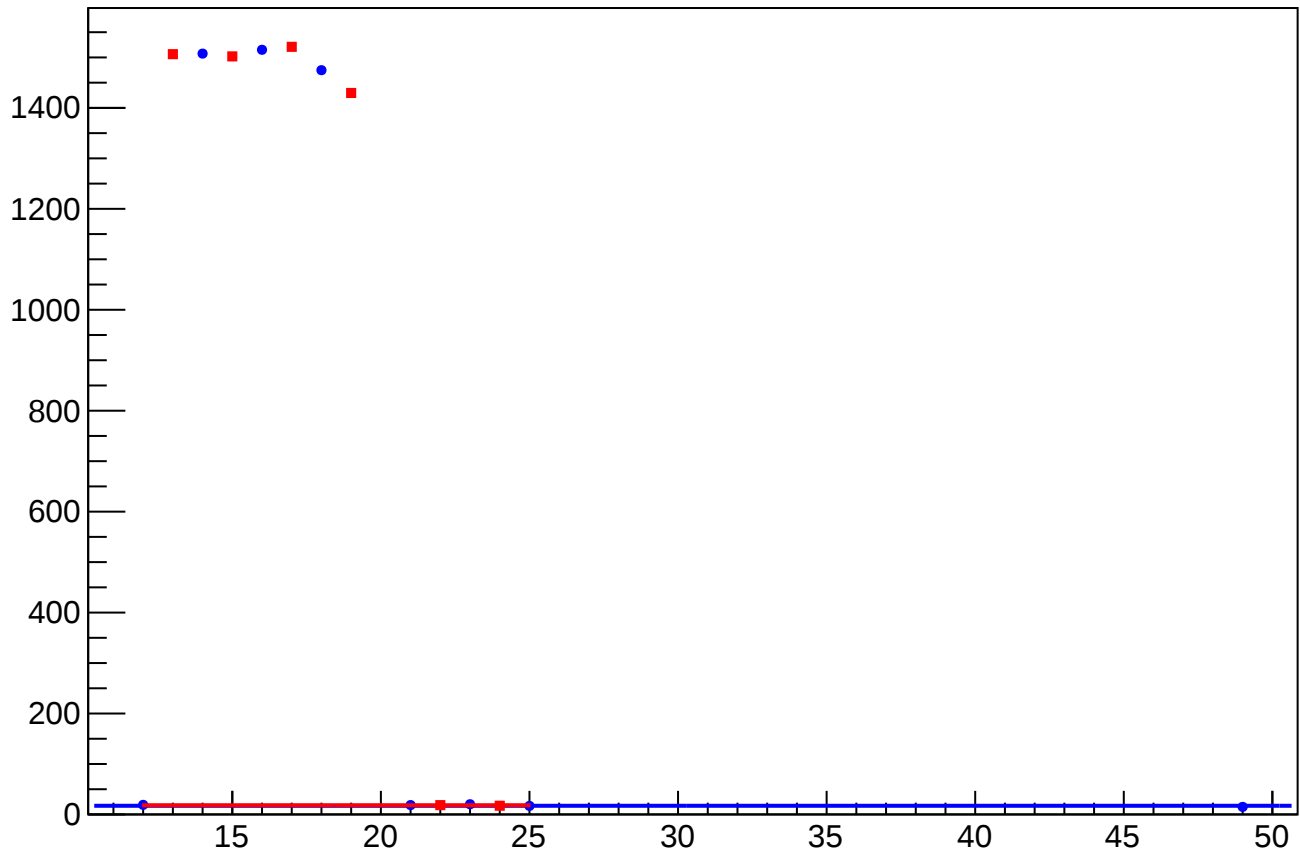
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-13.111+/-9.005 χ^2 /NDF: 8.1/13

Right Out: -18.079+/-16.591 χ^2 /NDF: 1.7/5

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

bcm_an_us_ds_dd_rms vs slug



Right In: 17.198+/-0.008 χ^2/NDF : 4193608.1/7

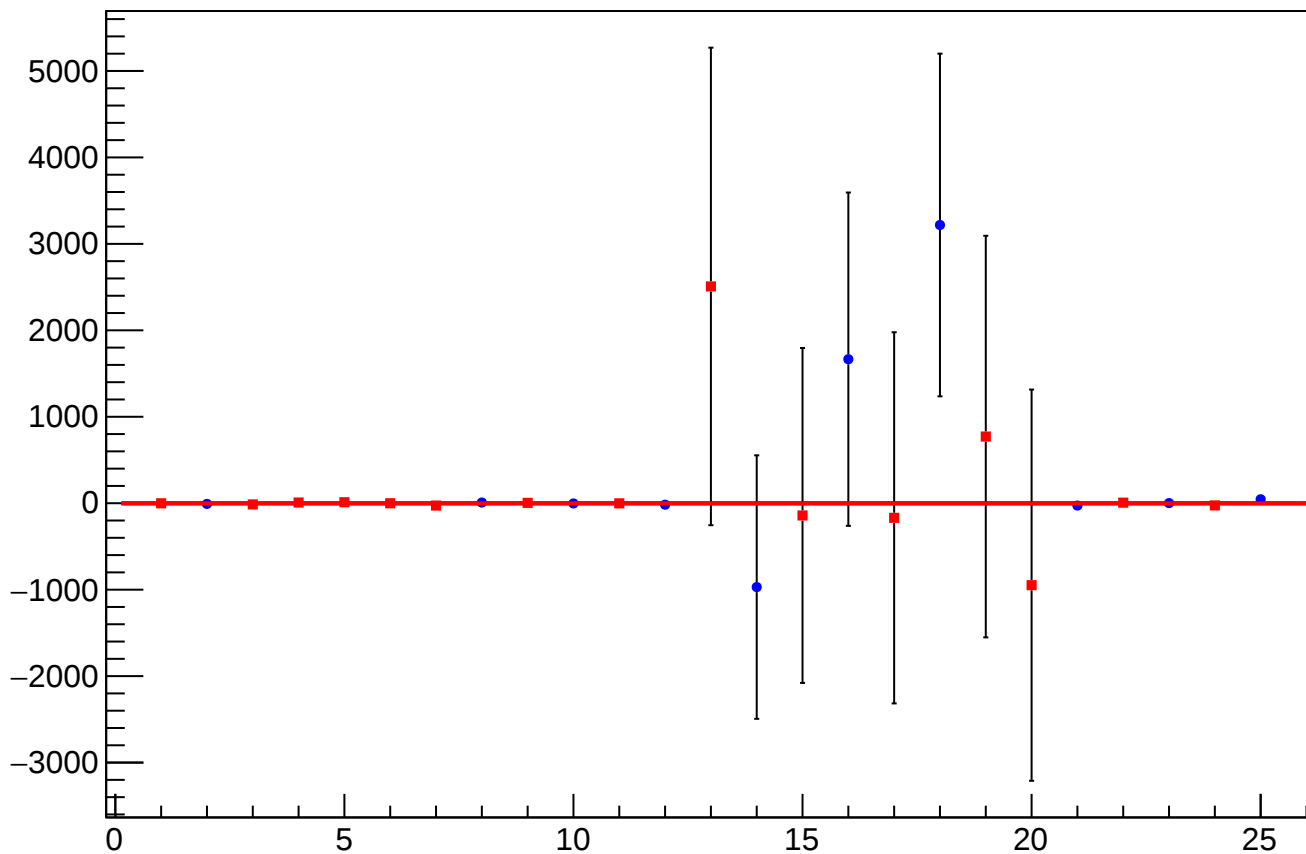
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.479+/-0.006 χ^2/NDF : 7606833.4/13

Right Out: 18.152+/-0.012 χ^2/NDF : 3408562.1/5

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

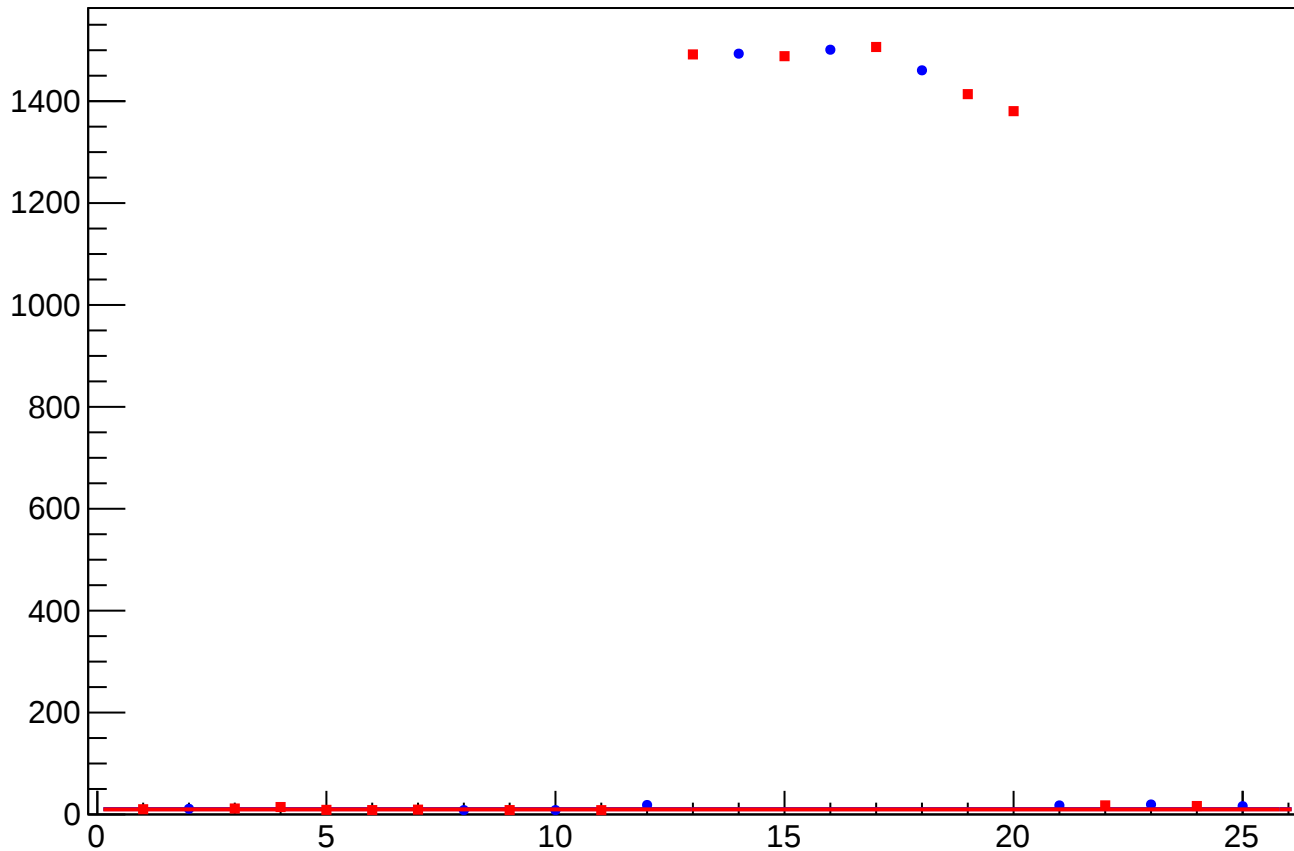
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

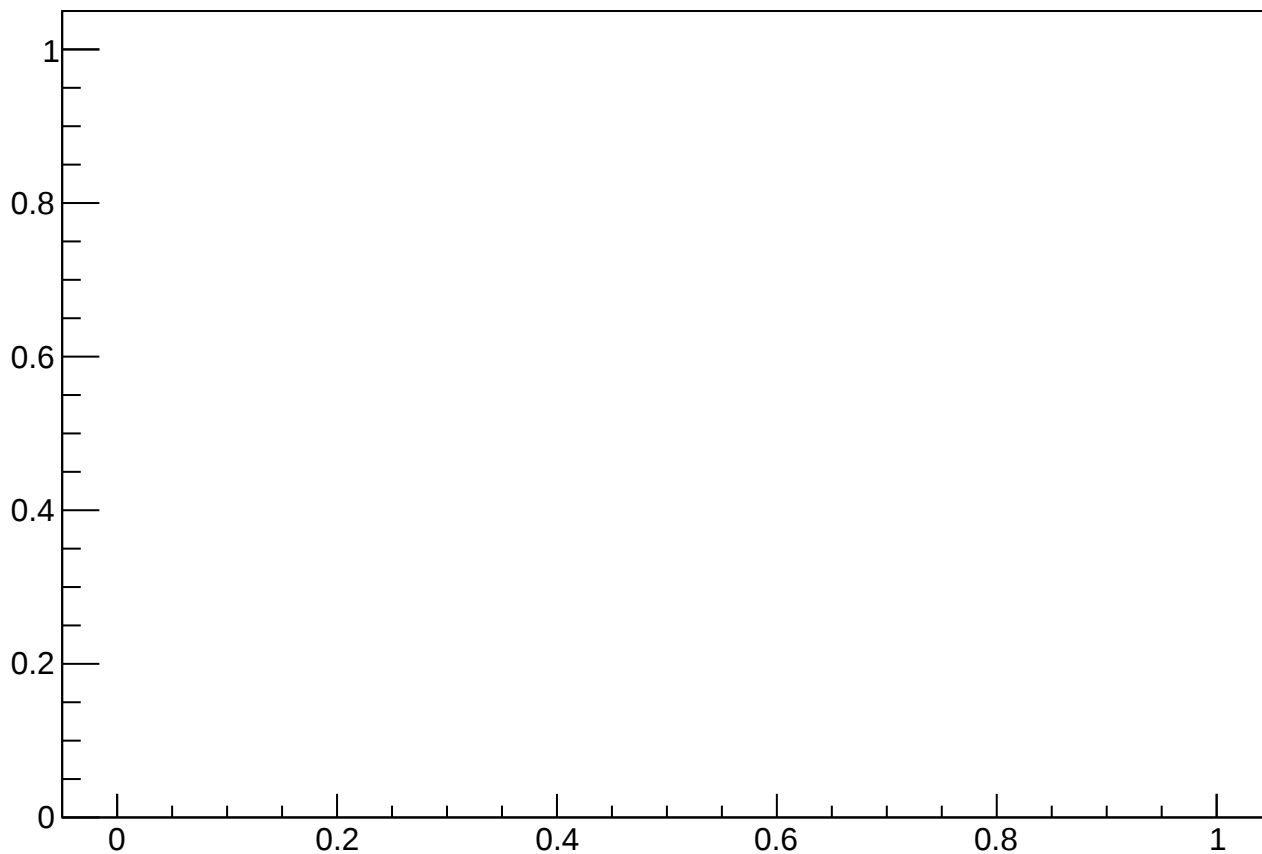
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.152+/-0.002 χ^2/NDF : 9722660.7/24

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

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

bcm_an_ds_ds3_dd_mean vs slug



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

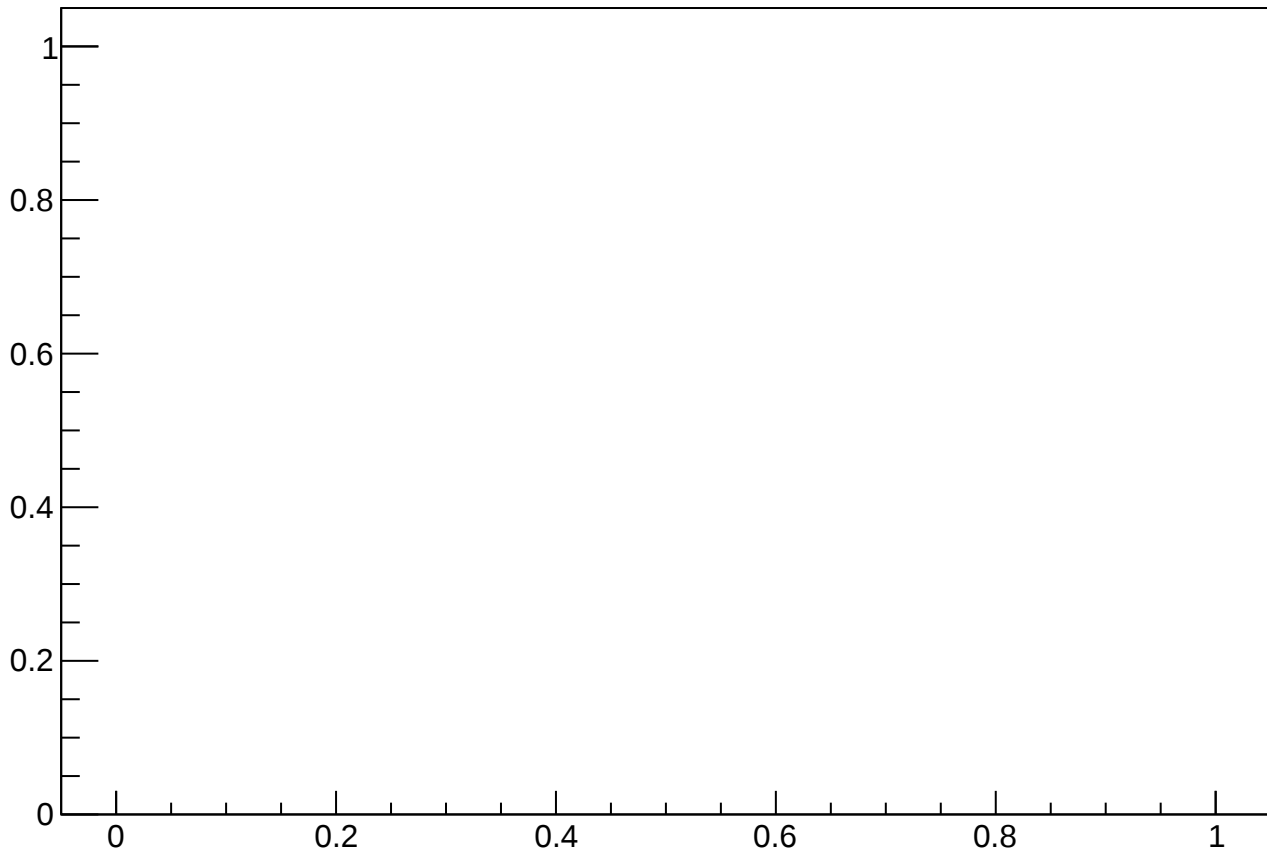
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

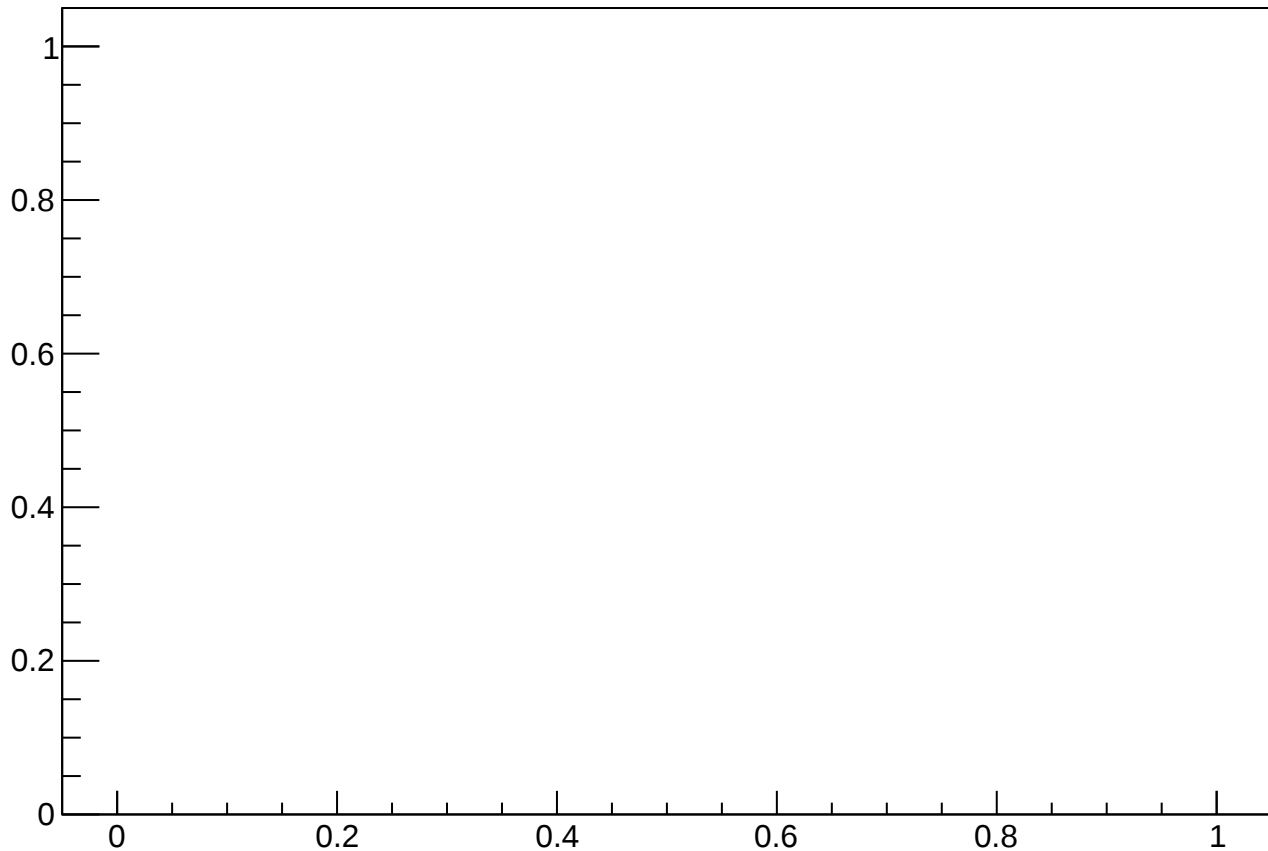
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

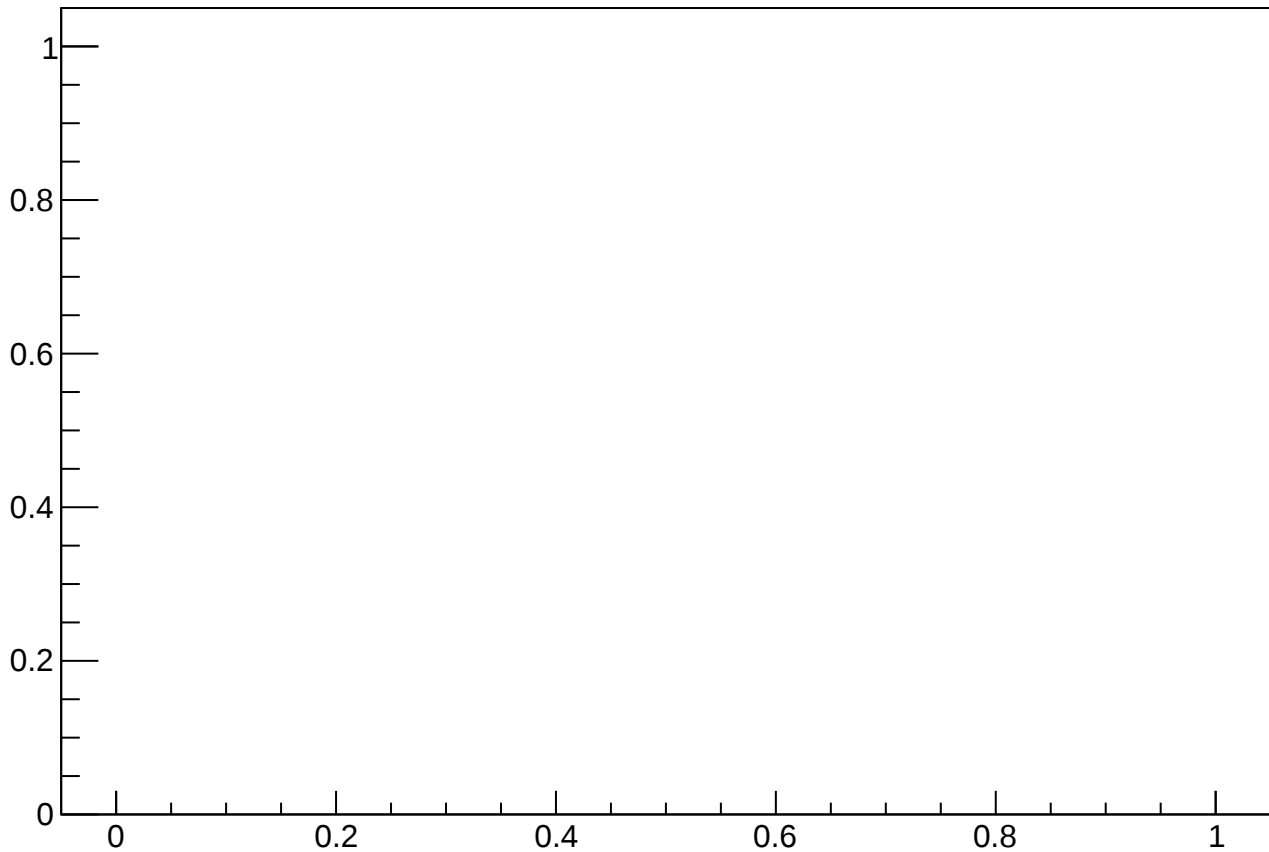
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



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

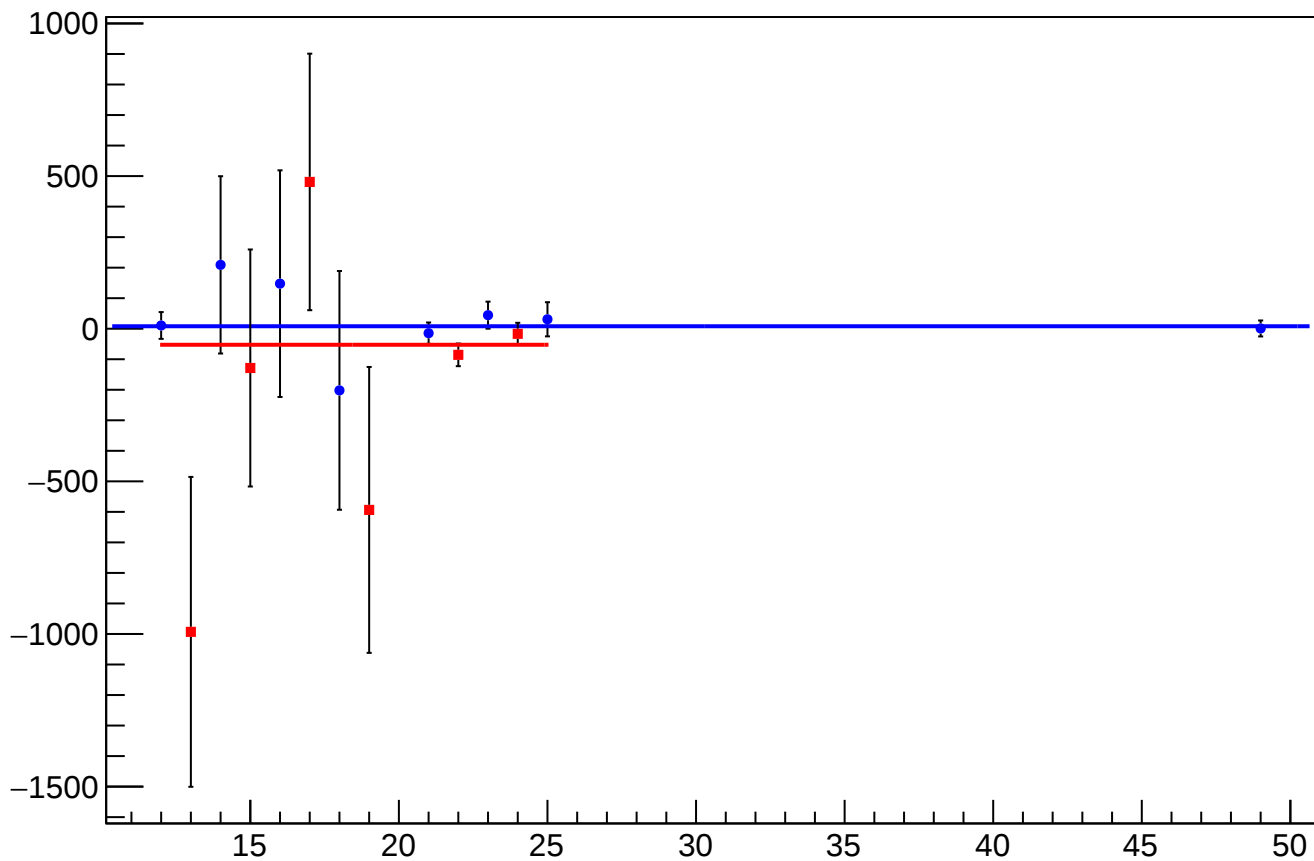
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_dd_mean vs slug



Right In: 8.091+/-16.552 χ^2 /NDF: 2.2/7

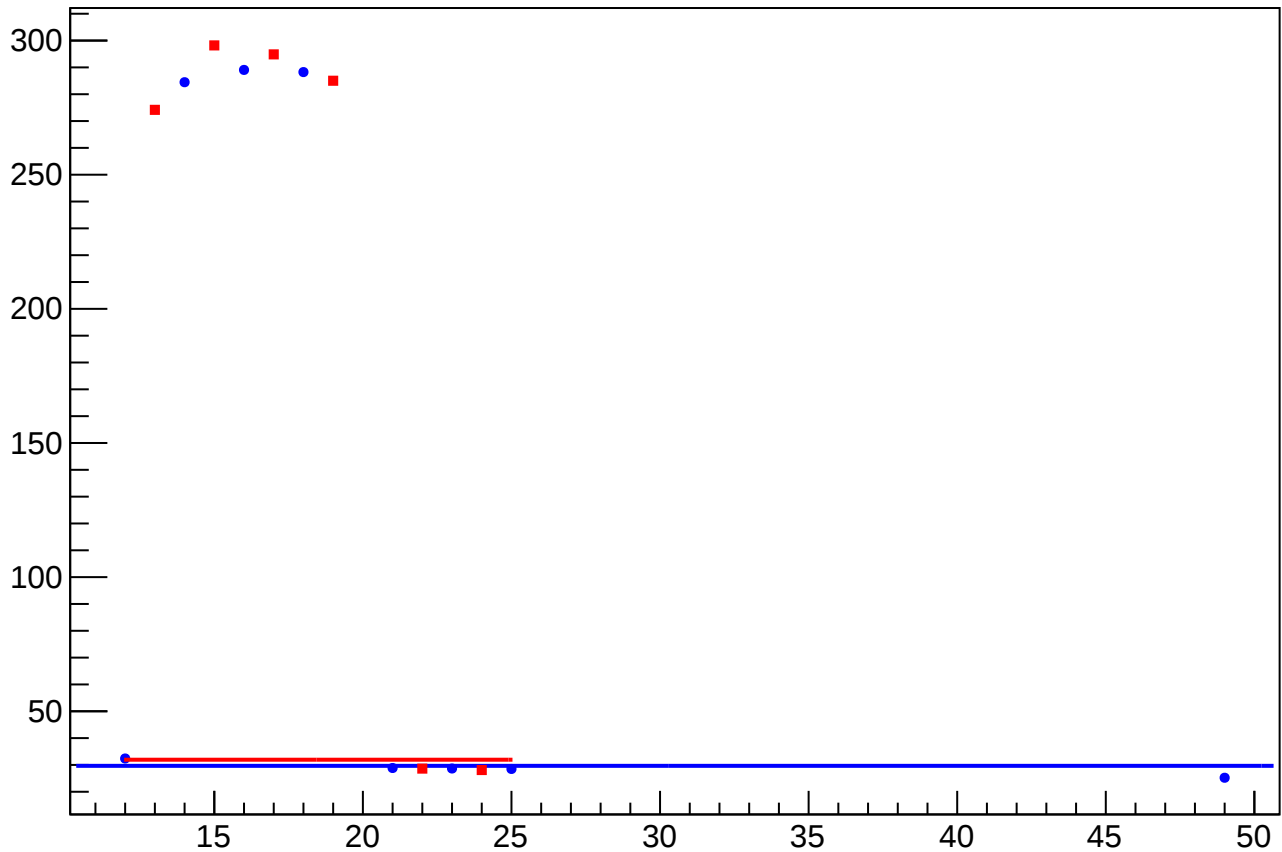
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -52.584+/-25.708 χ^2 /NDF: 8.2/5

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

-9.691+/-13.917 χ^2 /NDF: 14.4/13

bcm_dg_us_ds_dd _rms vs slug



Right In: 29.663+/-0.012 χ^2/NDF : 3459336.8/7

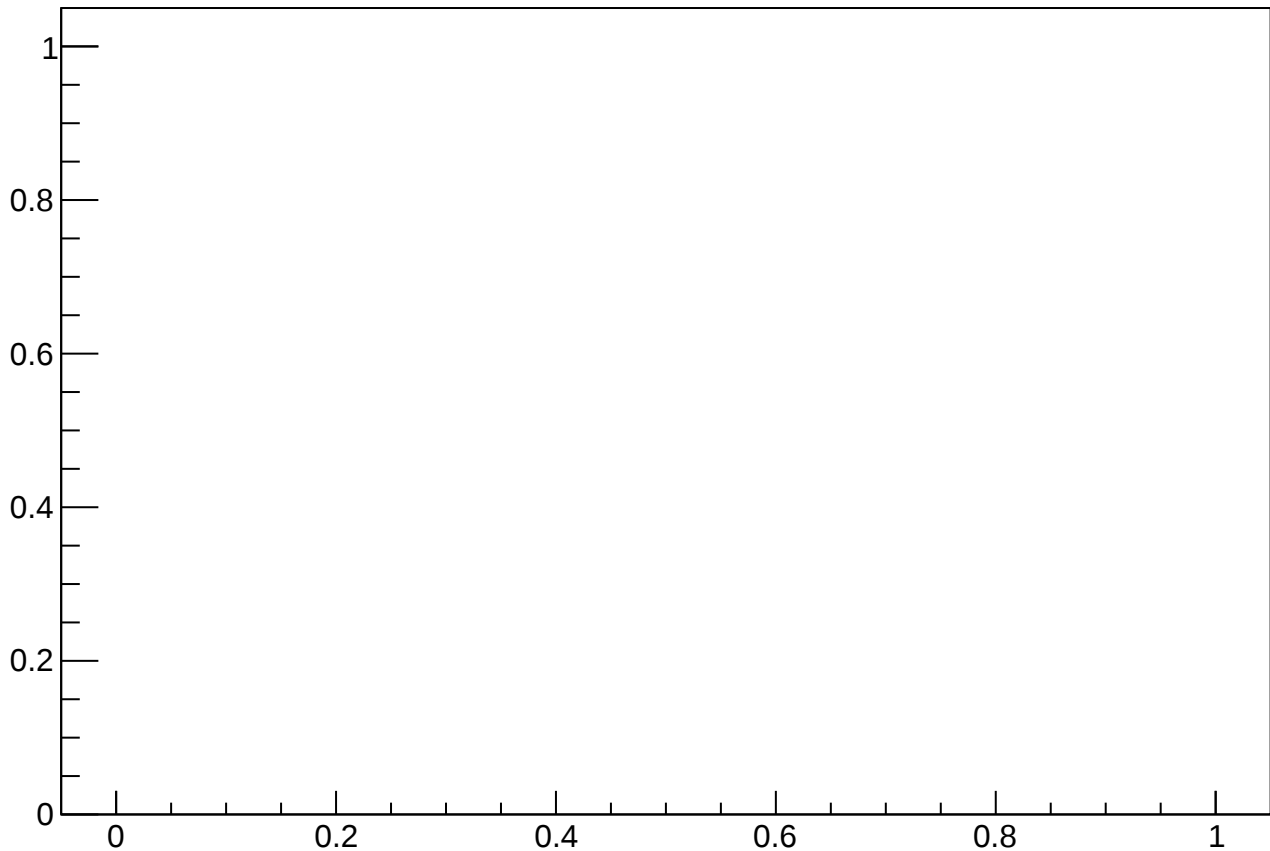
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.331+/-0.010 χ^2/NDF : 6272466.6/13

Right Out: 31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

bcm_dg_us_ds3_dd_mean vs slug



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

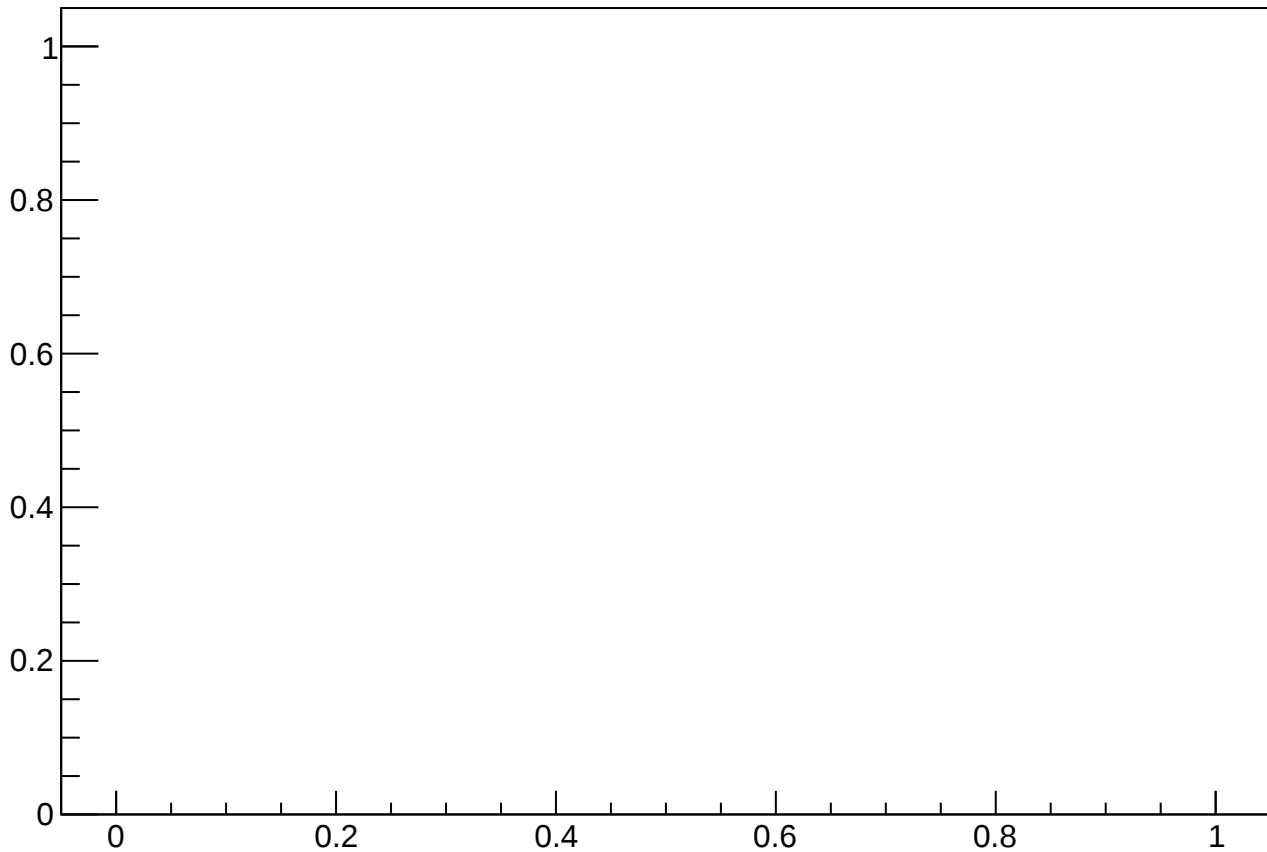
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

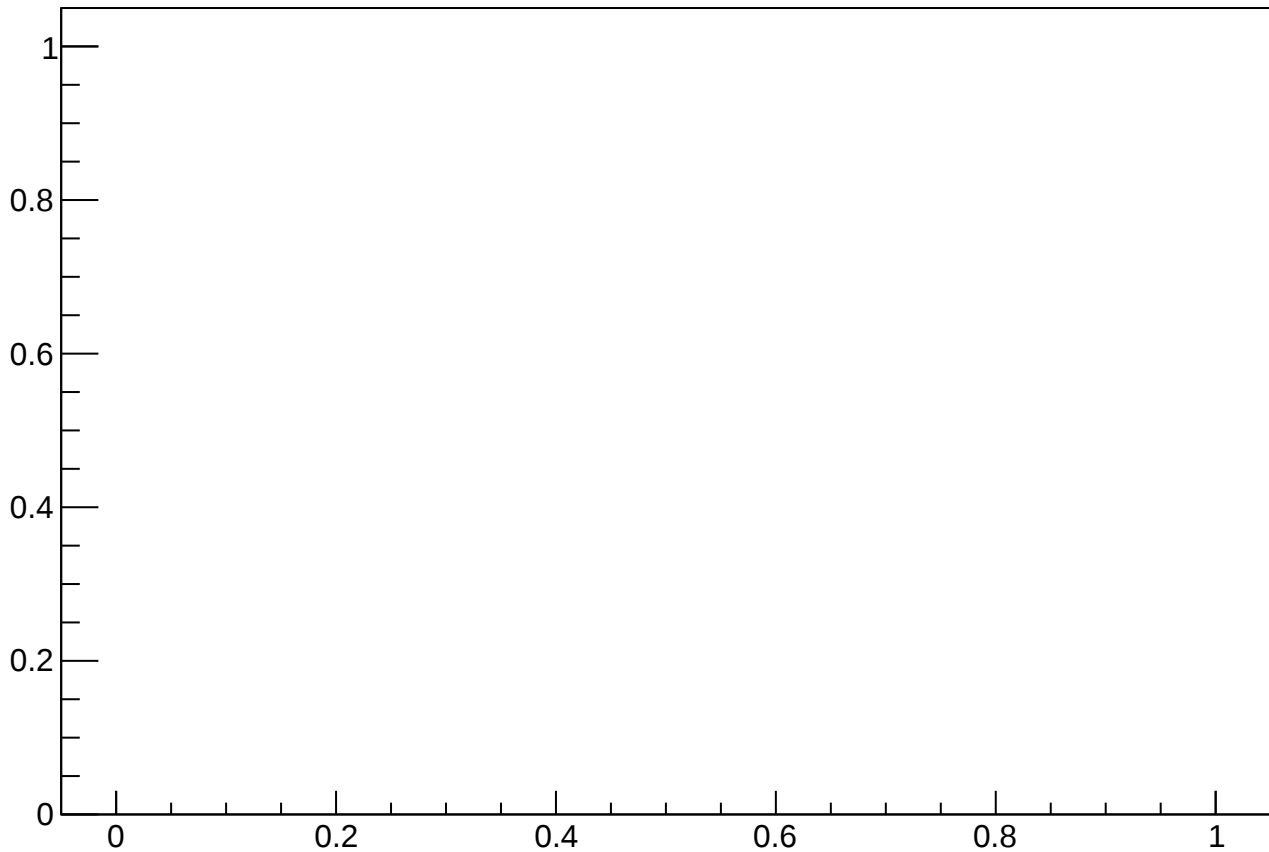
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

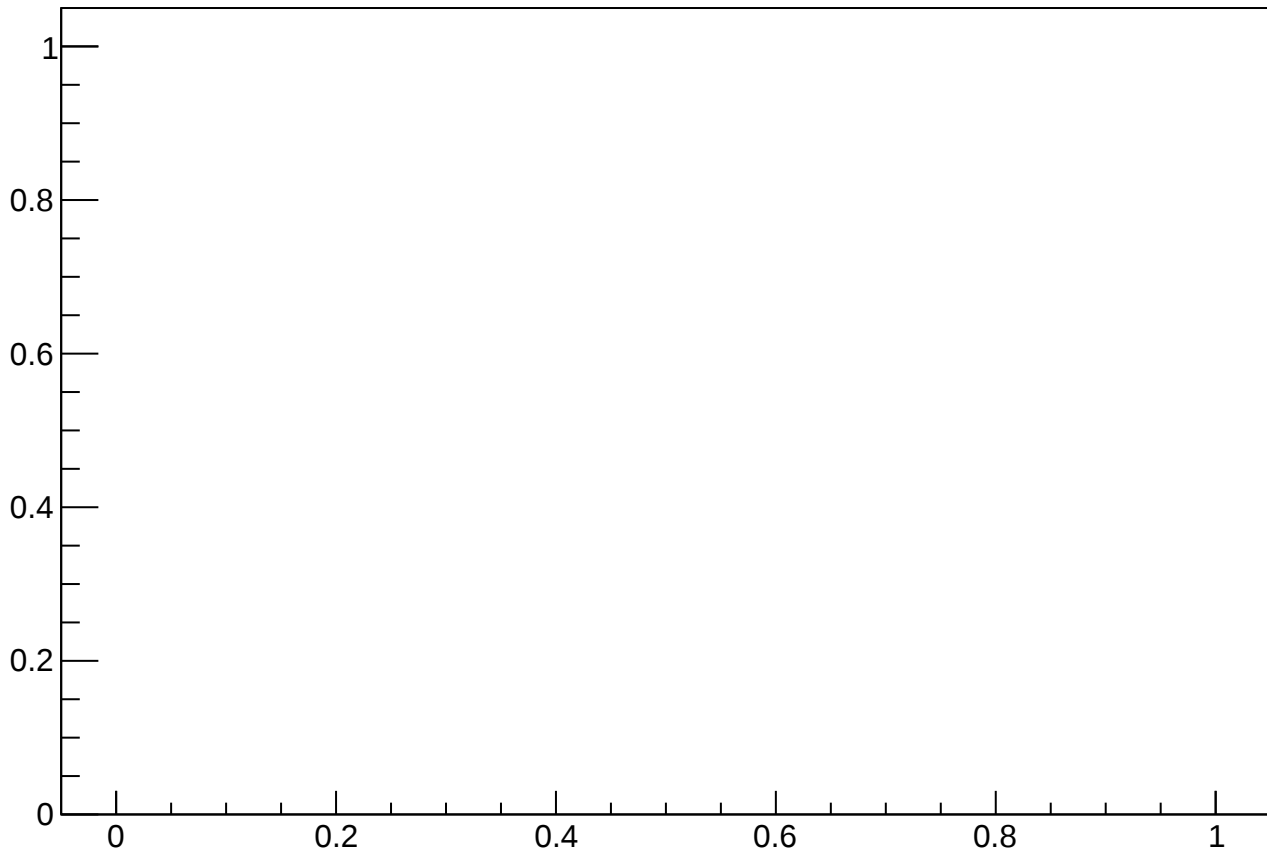
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

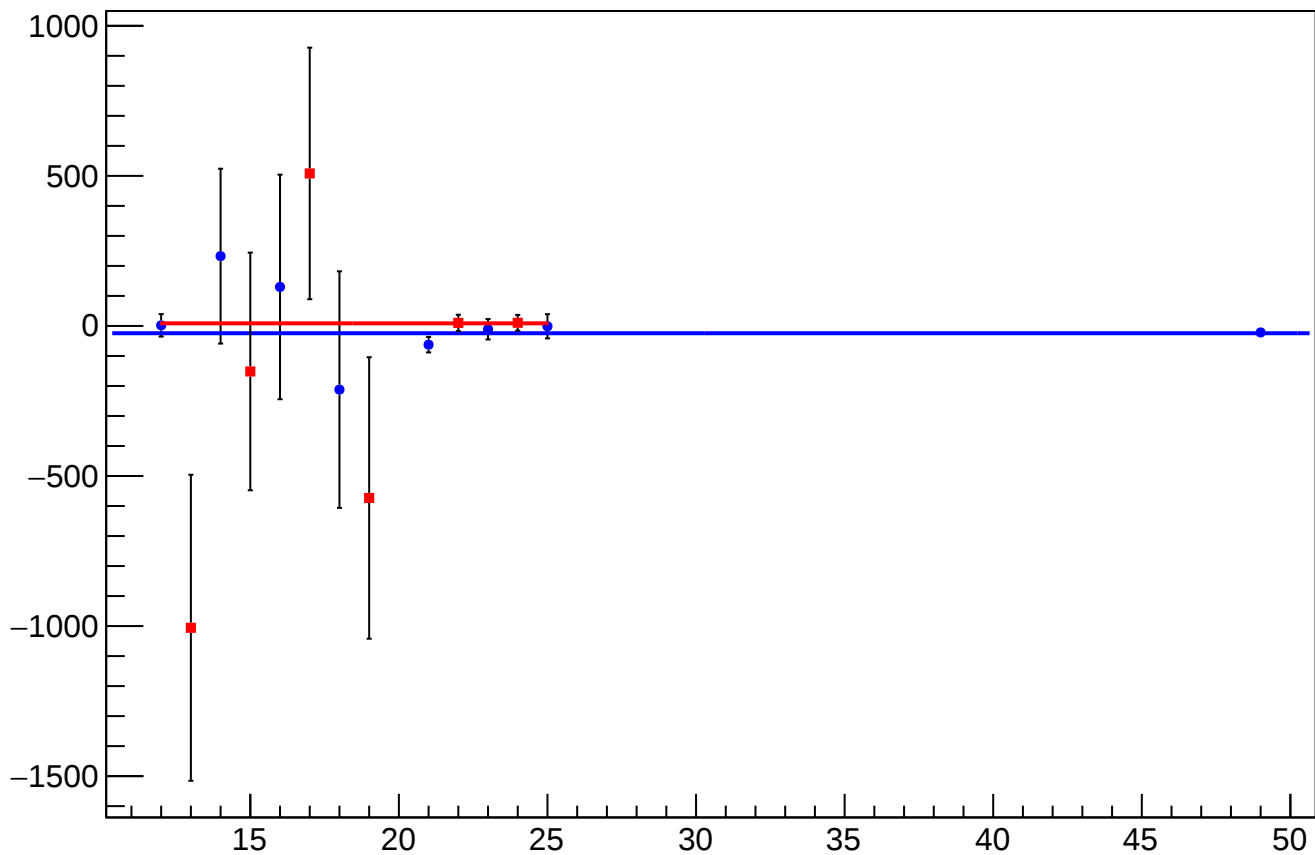
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -24.310 ± 11.740 χ^2/NDF : 4.3/7

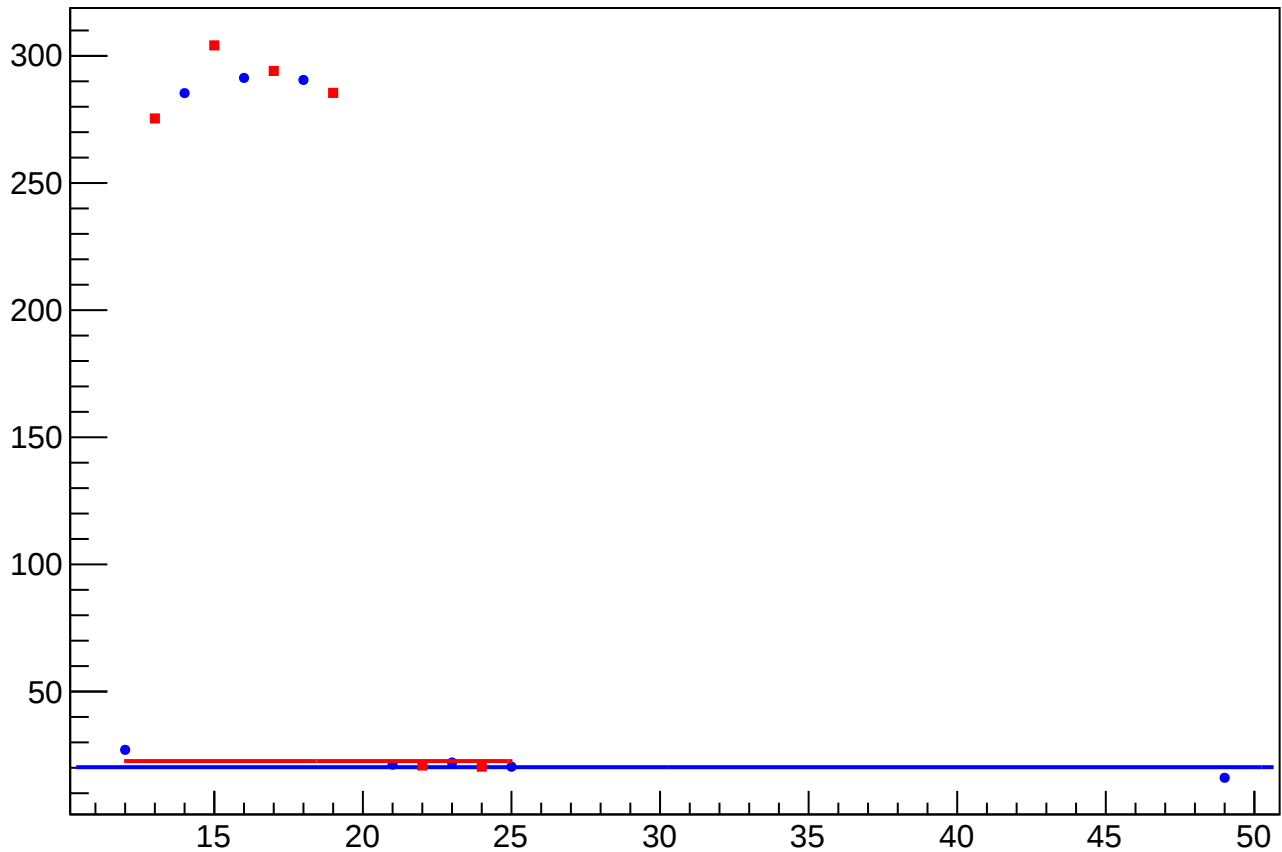
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.693 ± 18.847 χ^2/NDF : 7.1/5

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

-15.084 ± 9.965 χ^2/NDF : 13.6/13

bcm_dg_ds_ds_dd_rms vs slug



Right In: 20.244+/-0.008 χ^2/NDF : 3845727.0/7

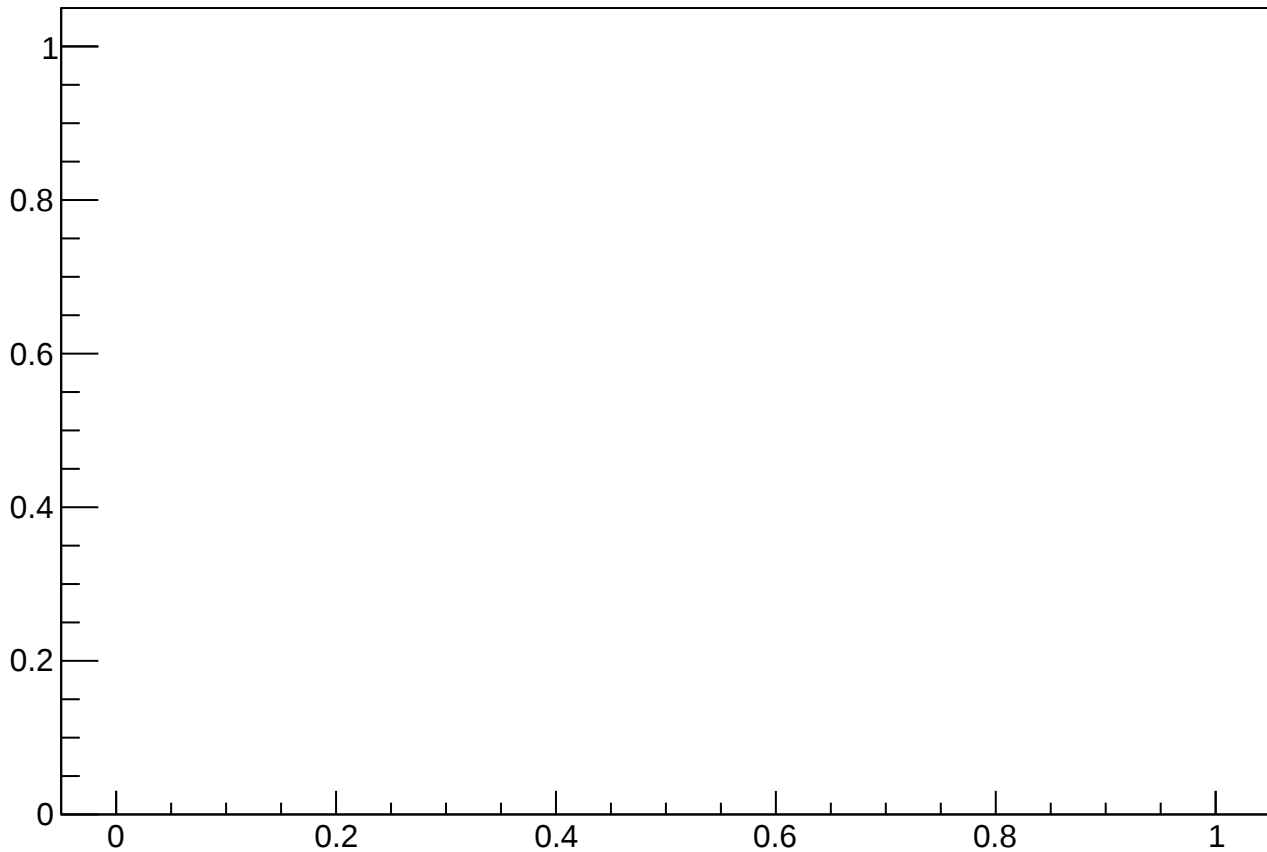
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.915+/-0.007 χ^2/NDF : 6860200.0/13

Right Out: 22.645+/-0.013 χ^2/NDF : 2991074.6/5

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

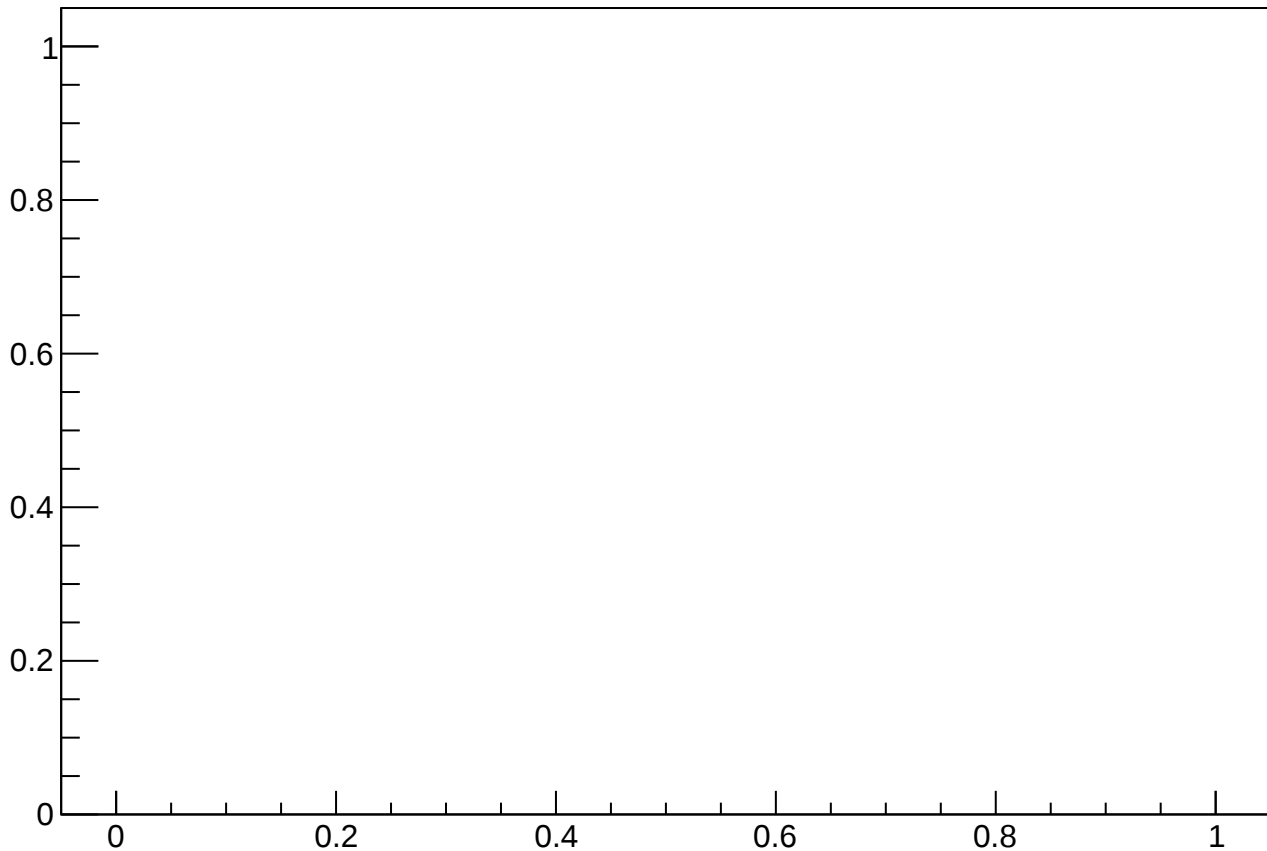
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

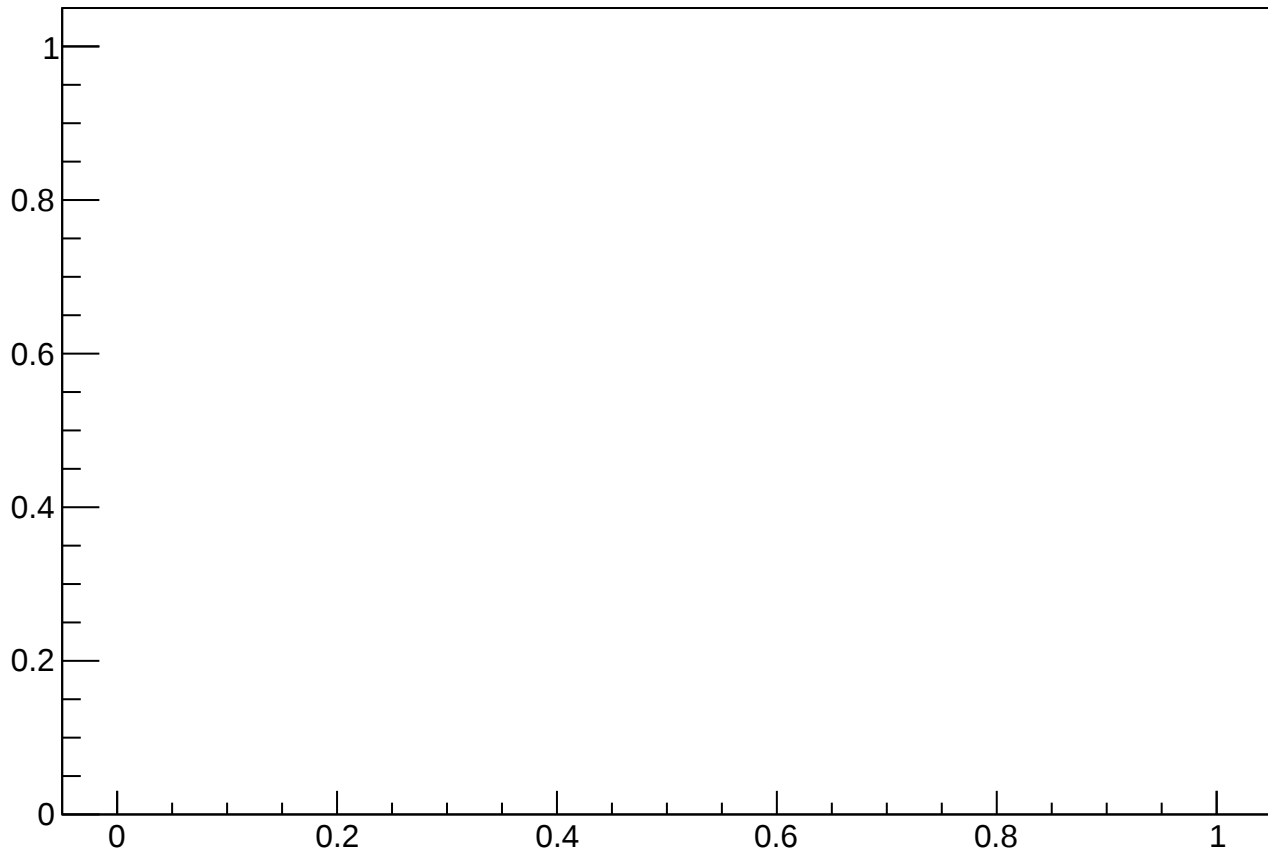
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

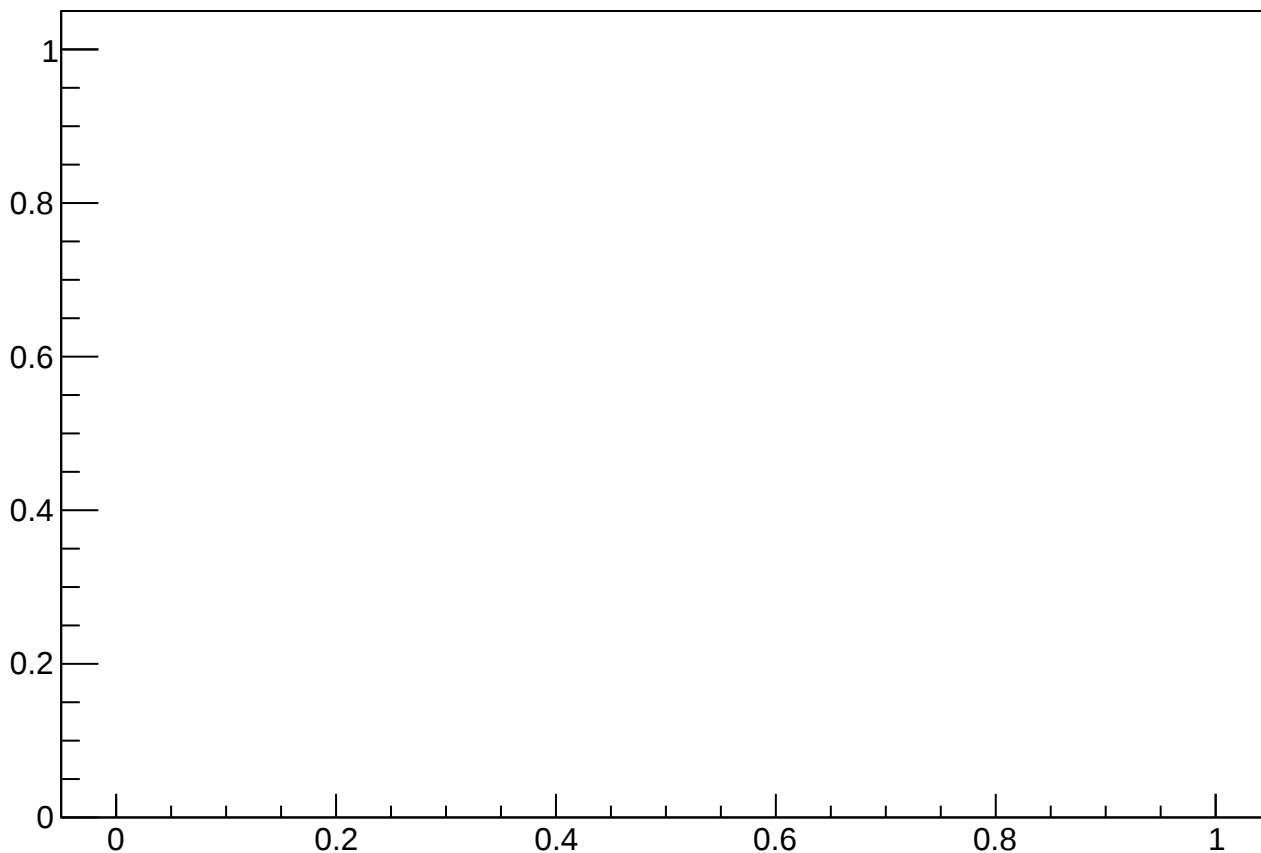
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

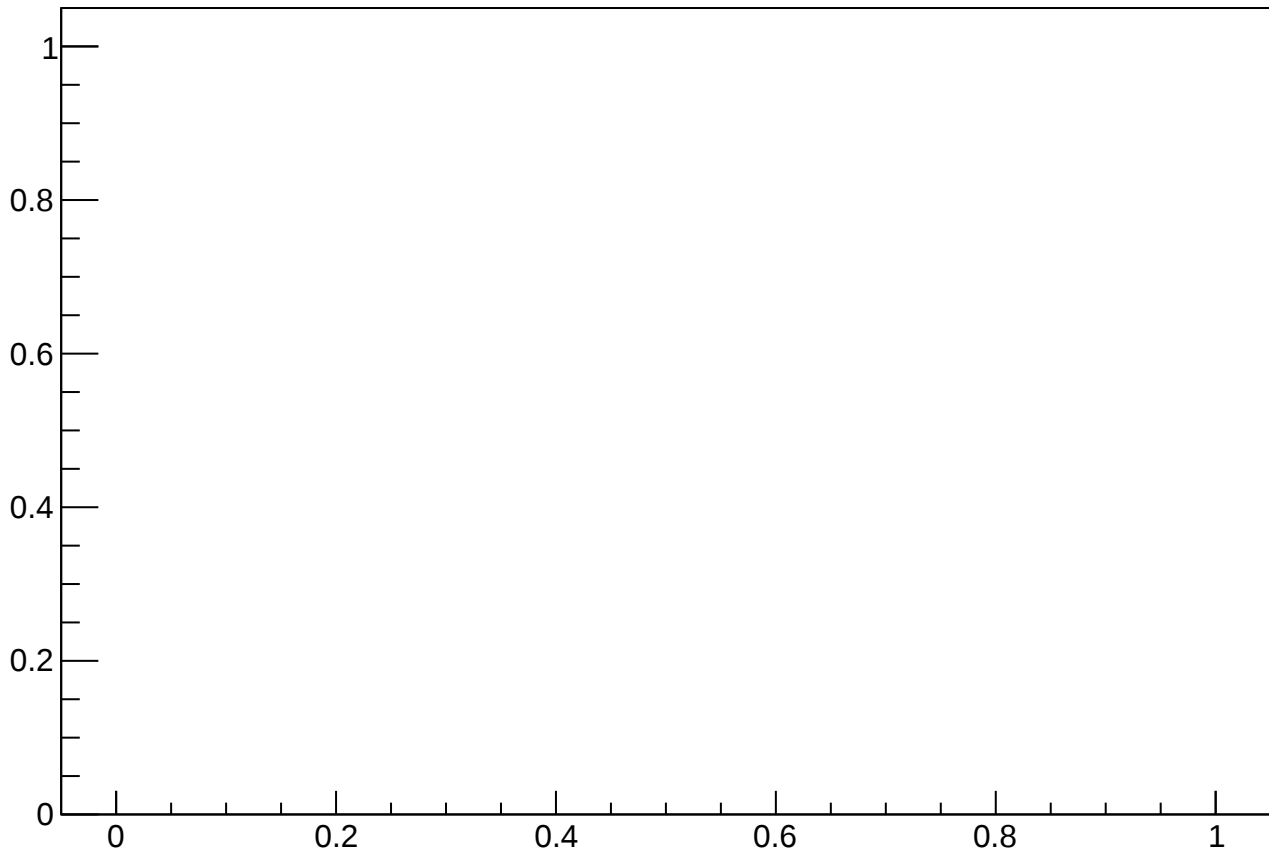
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

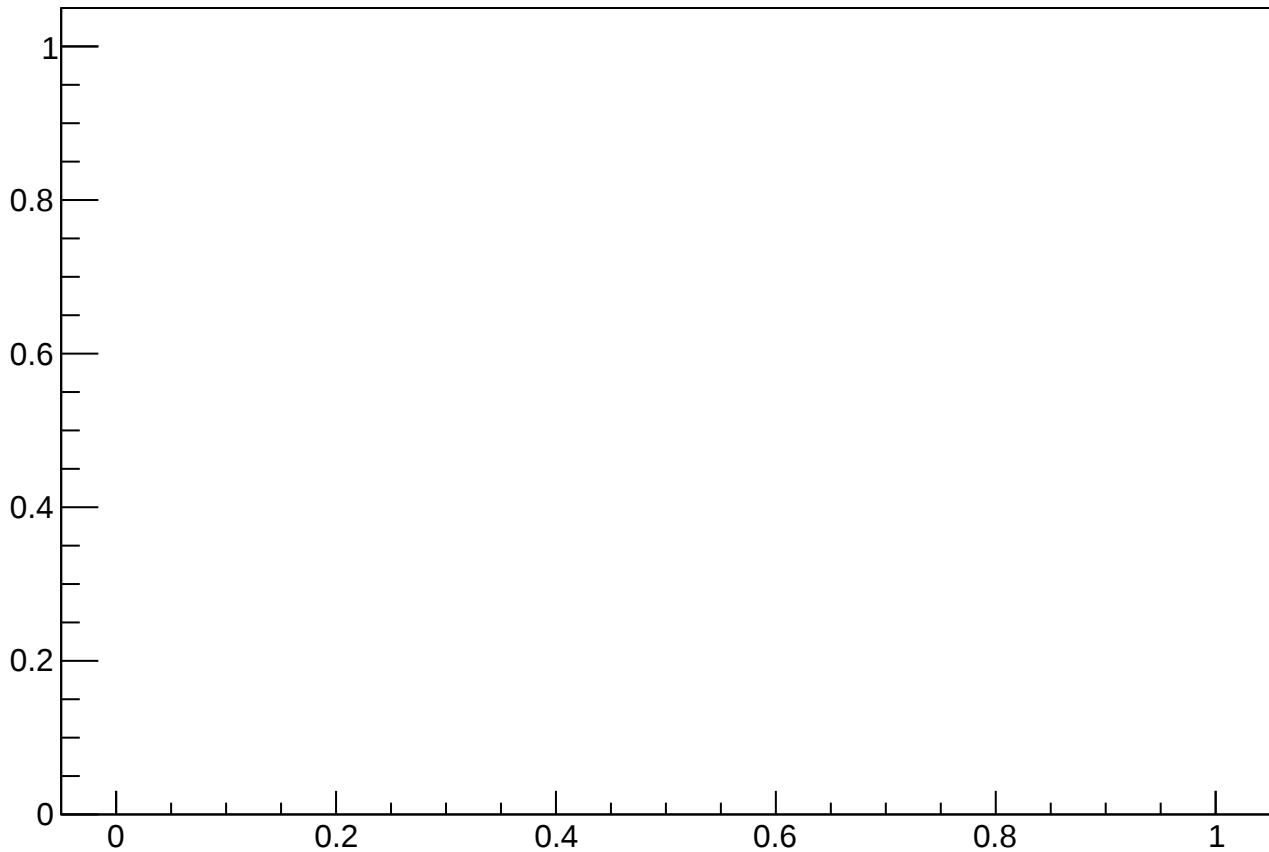
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

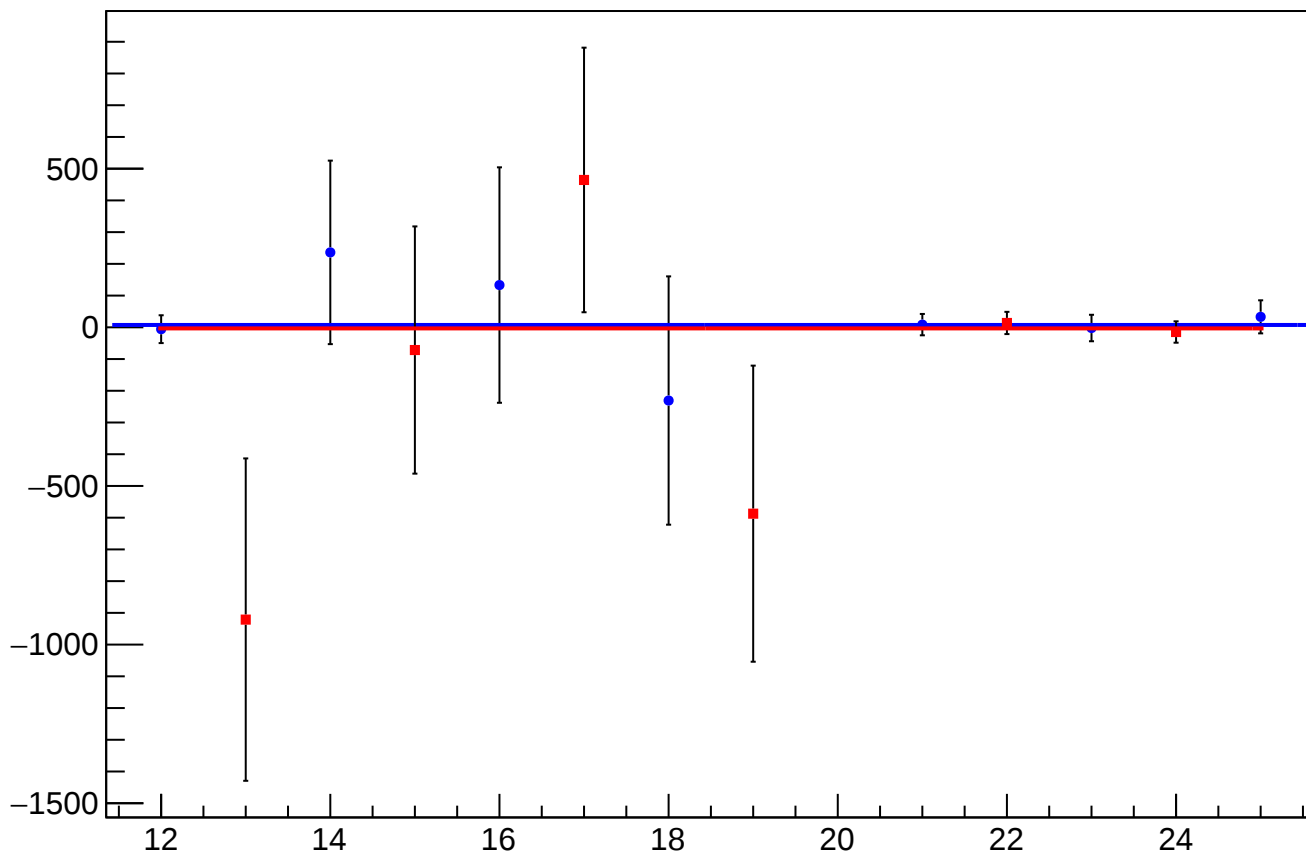
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_cav4cQ_ds_dd _mean vs slug



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

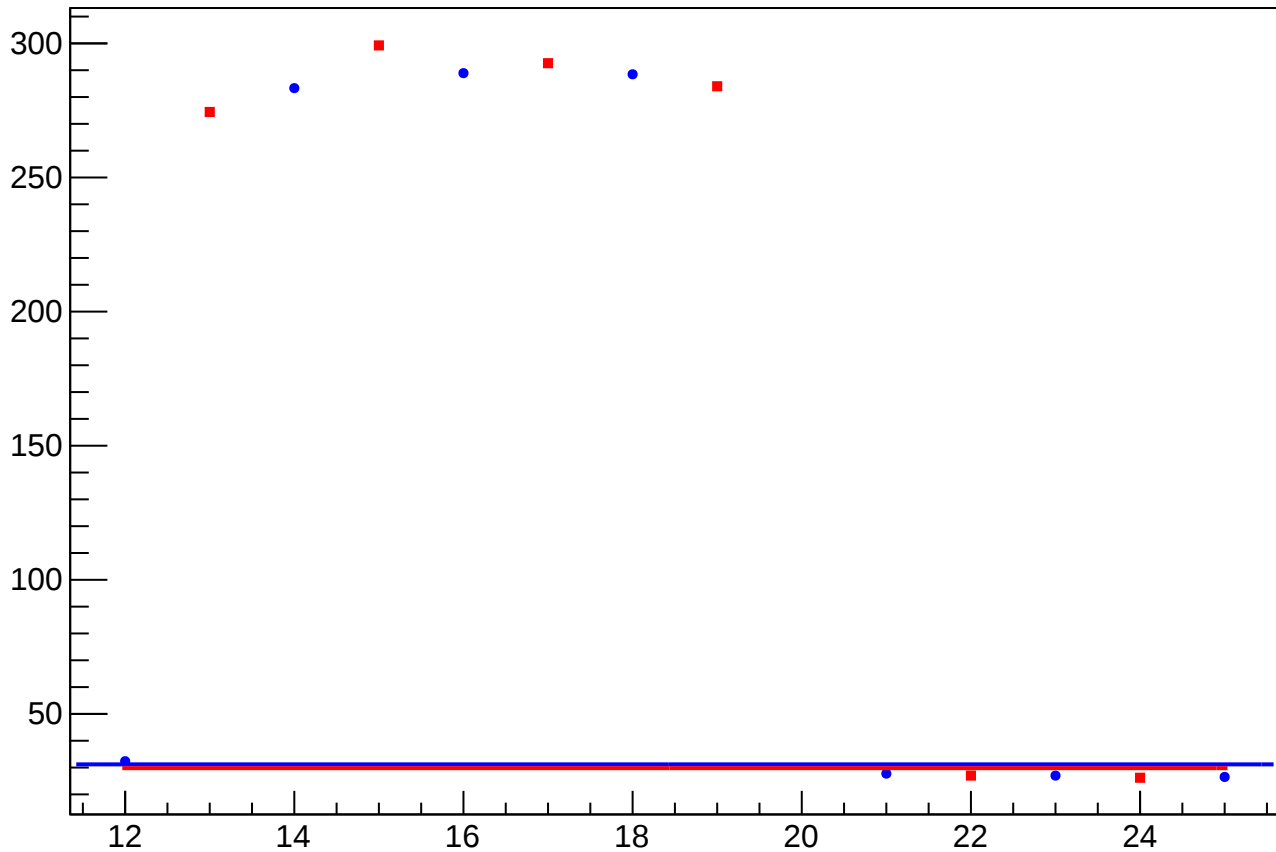
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

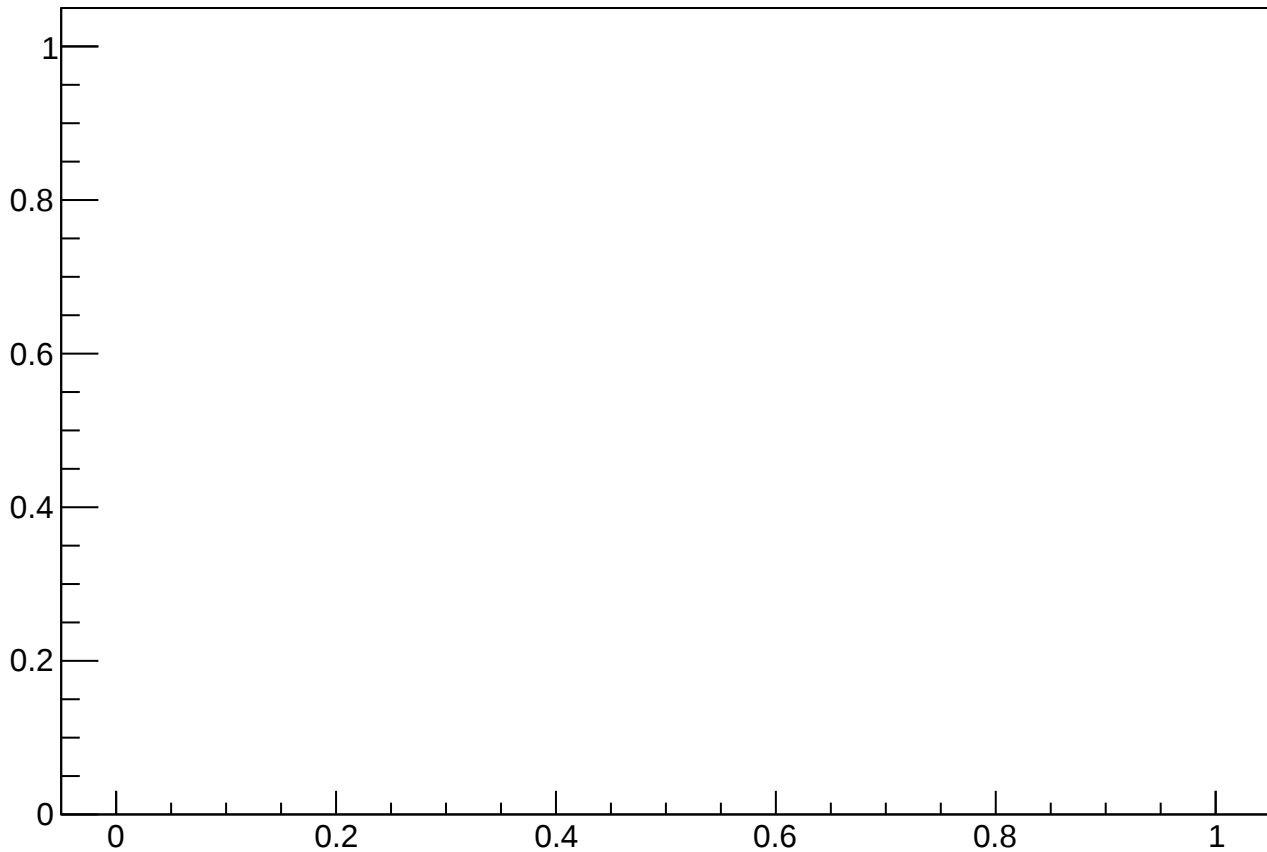
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

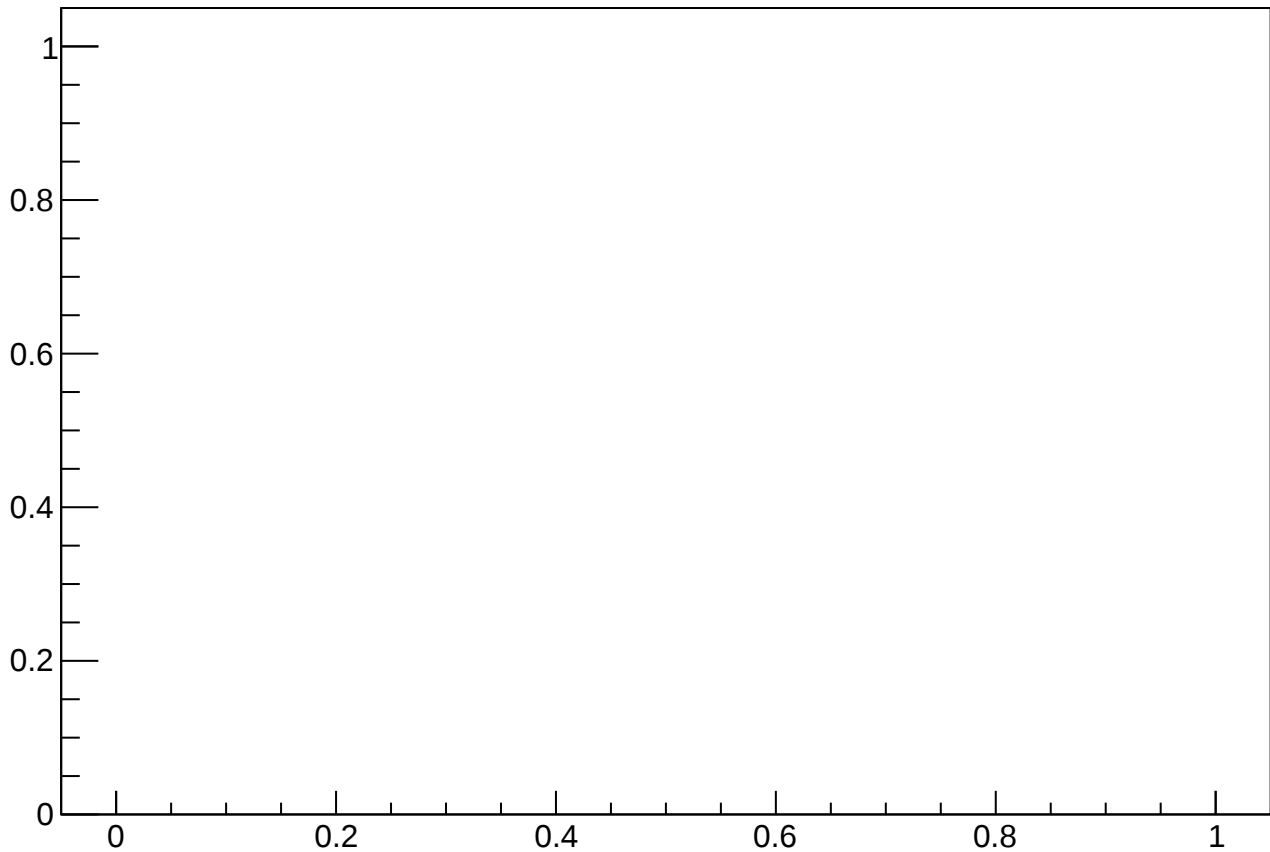
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

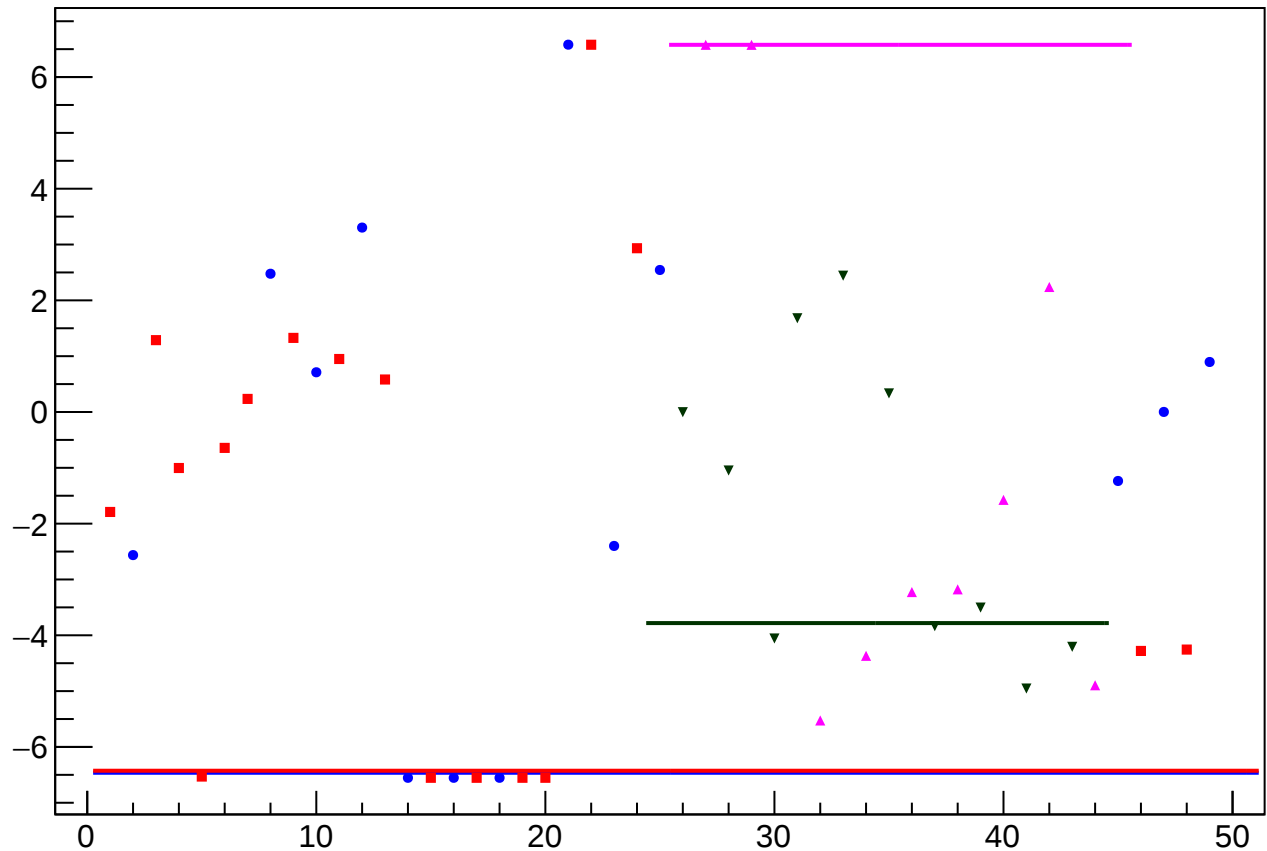
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 : 127750018369480.2/12

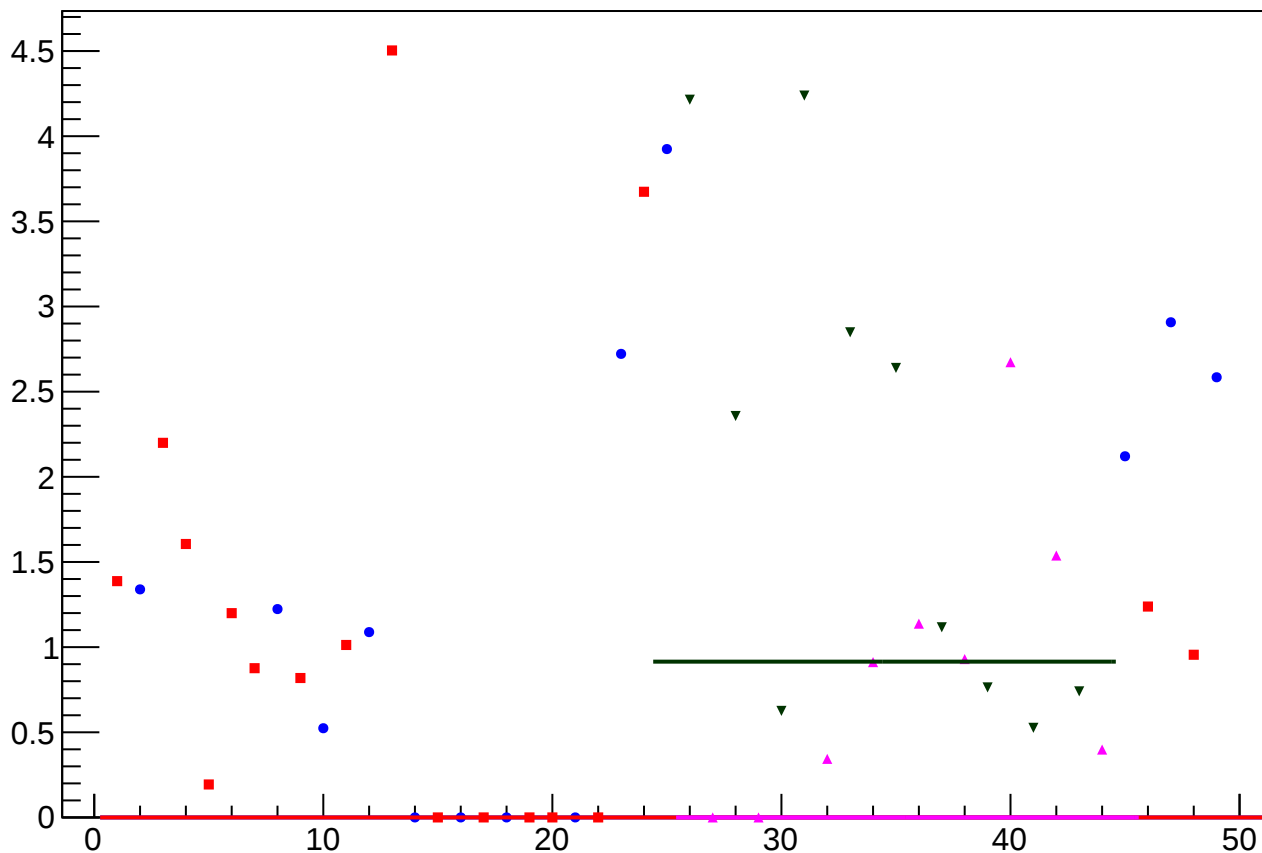
Left Out: -3.781+/-0.001 χ^2/NDF : 5647760.8/9

-6.389+/-0.000 χ^2/NDF : 425855767639380.7/4

Right Out: -6.426+/-0.000 χ^2/NDF : 150783928399716.6/16

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

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8087457.0/12

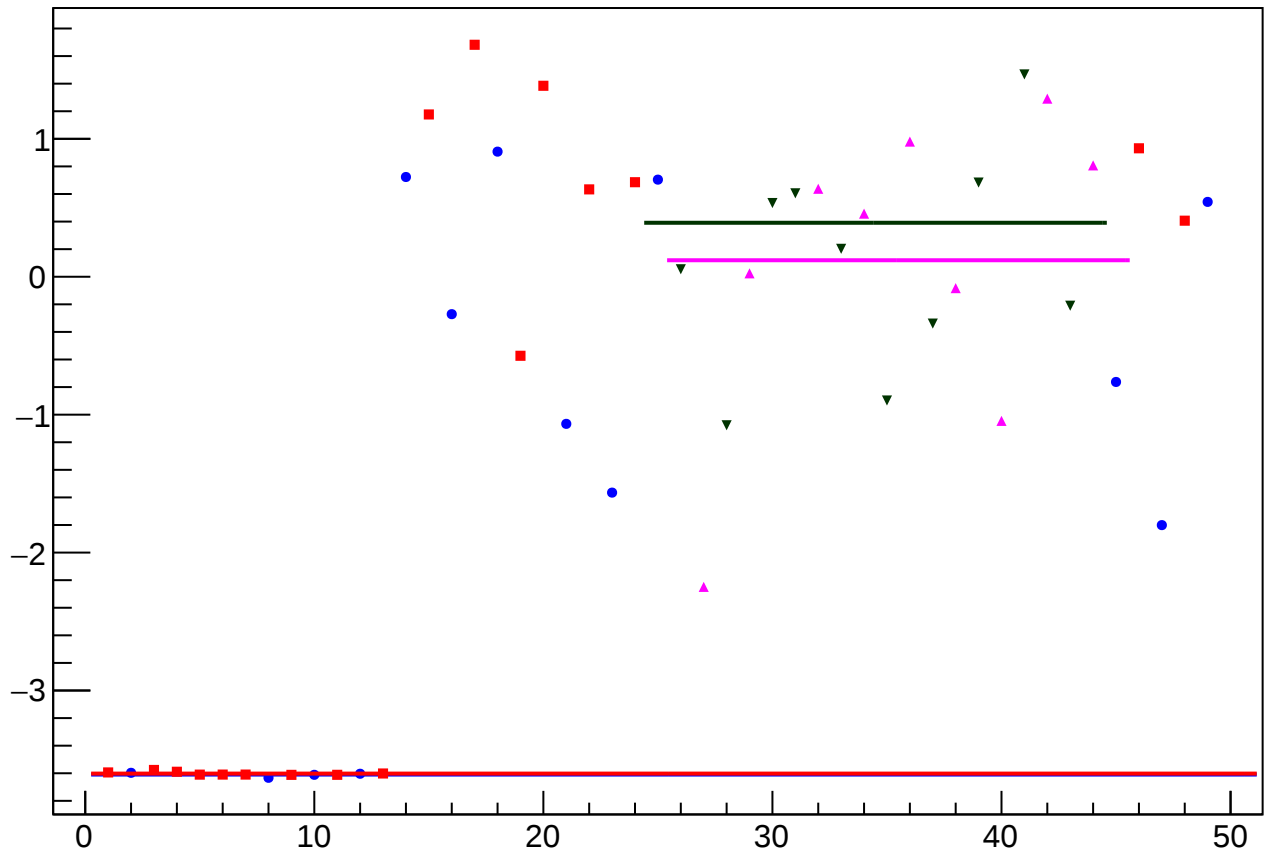
Left Out: 0.915+/-0.000 χ^2/NDF :2495147.4/9

Right Out: 0.000+/-0.000 χ^2/NDF : 7298734.8/16

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

0.000+/-0.000 χ^2/NDF : 26723631.0/48

yield_cav4bY_mean vs slug



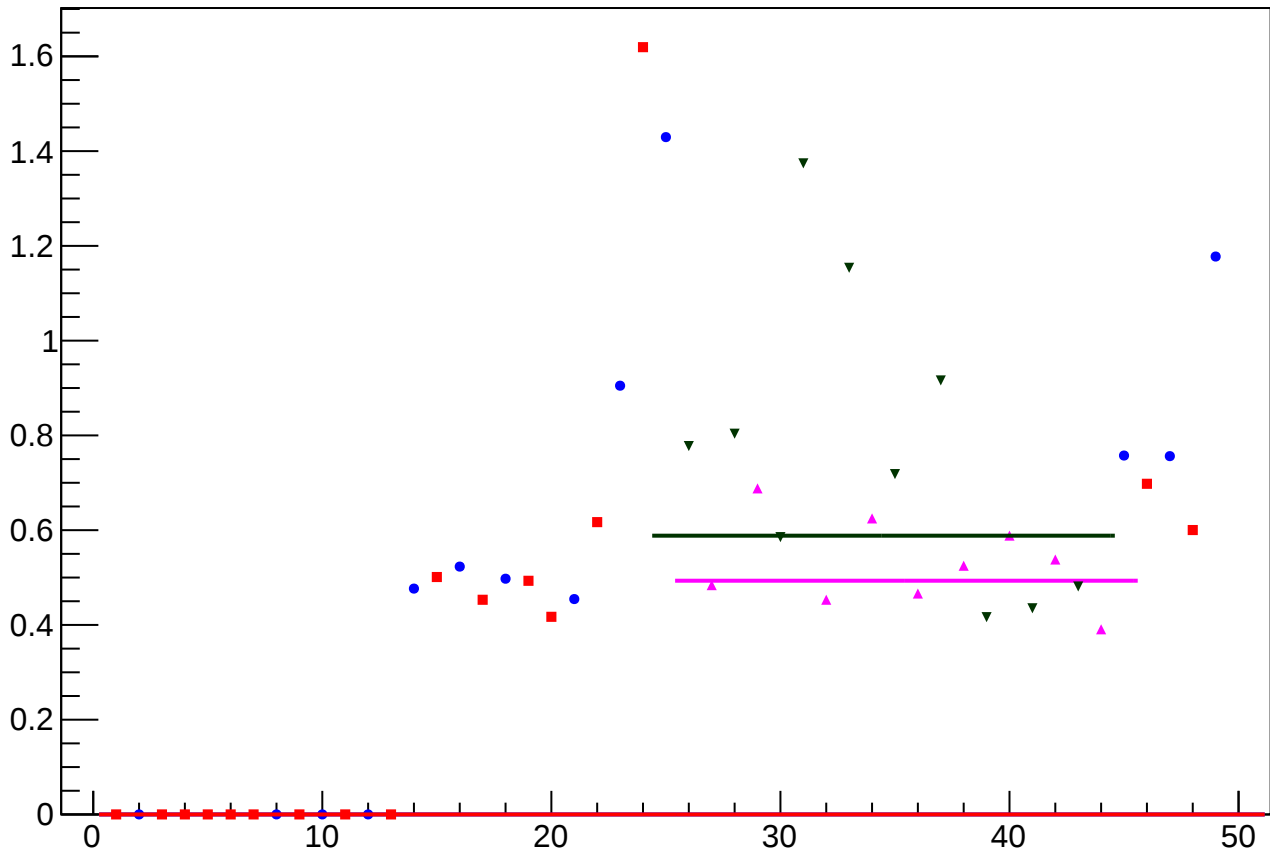
Right In: -3.609+/-0.000 χ^2/NDF : 105079675676.1/12

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

Right Out: -3.602+/-0.000 χ^2/NDF : 114030980317.2/16

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 : 7983511.8/12

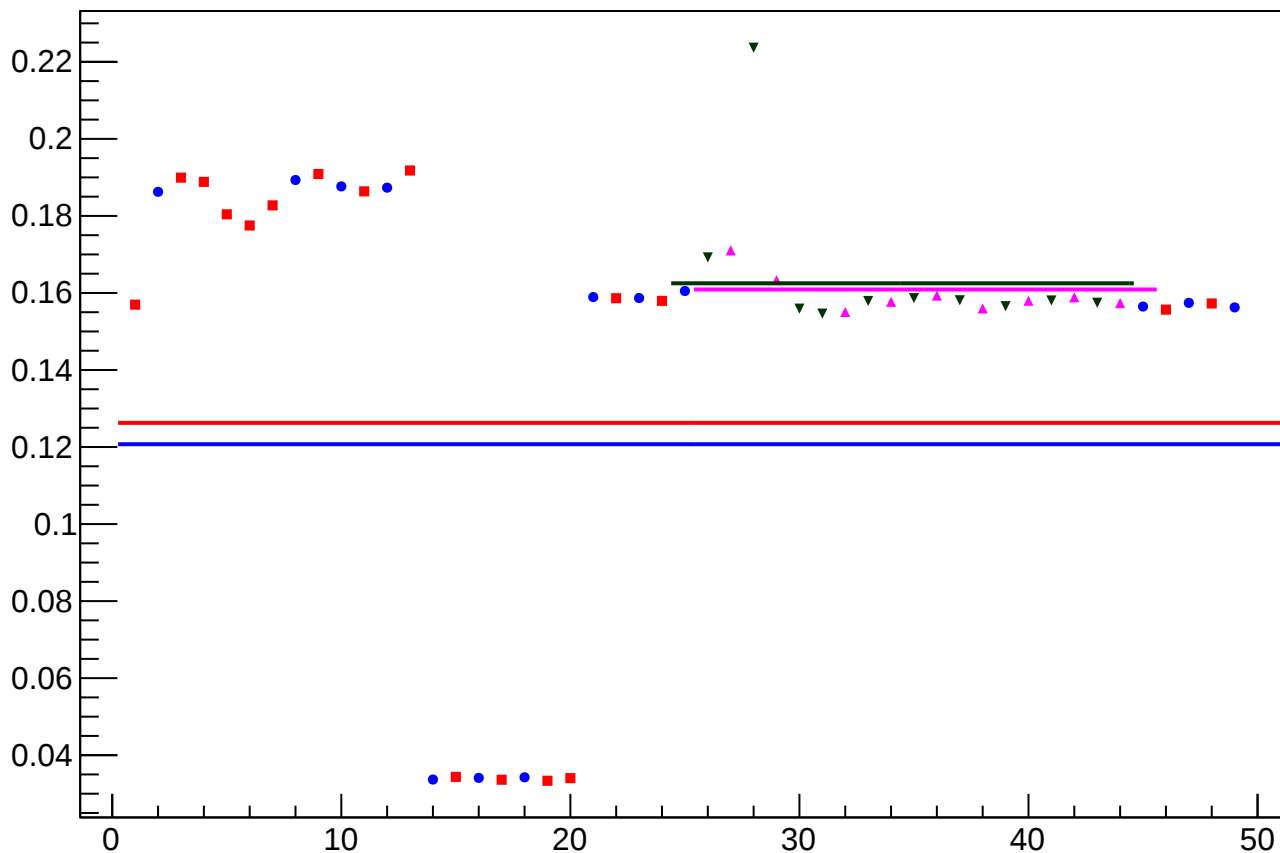
Left Out: 0.588+/-0.000 χ^2/NDF : 893896.5/9

0.000+/-0.000 χ^2/NDF : 29327252.6/48

Right Out: 0.000+/-0.000 χ^2/NDF : 5762969.0/16

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 : 4896141155.2/12

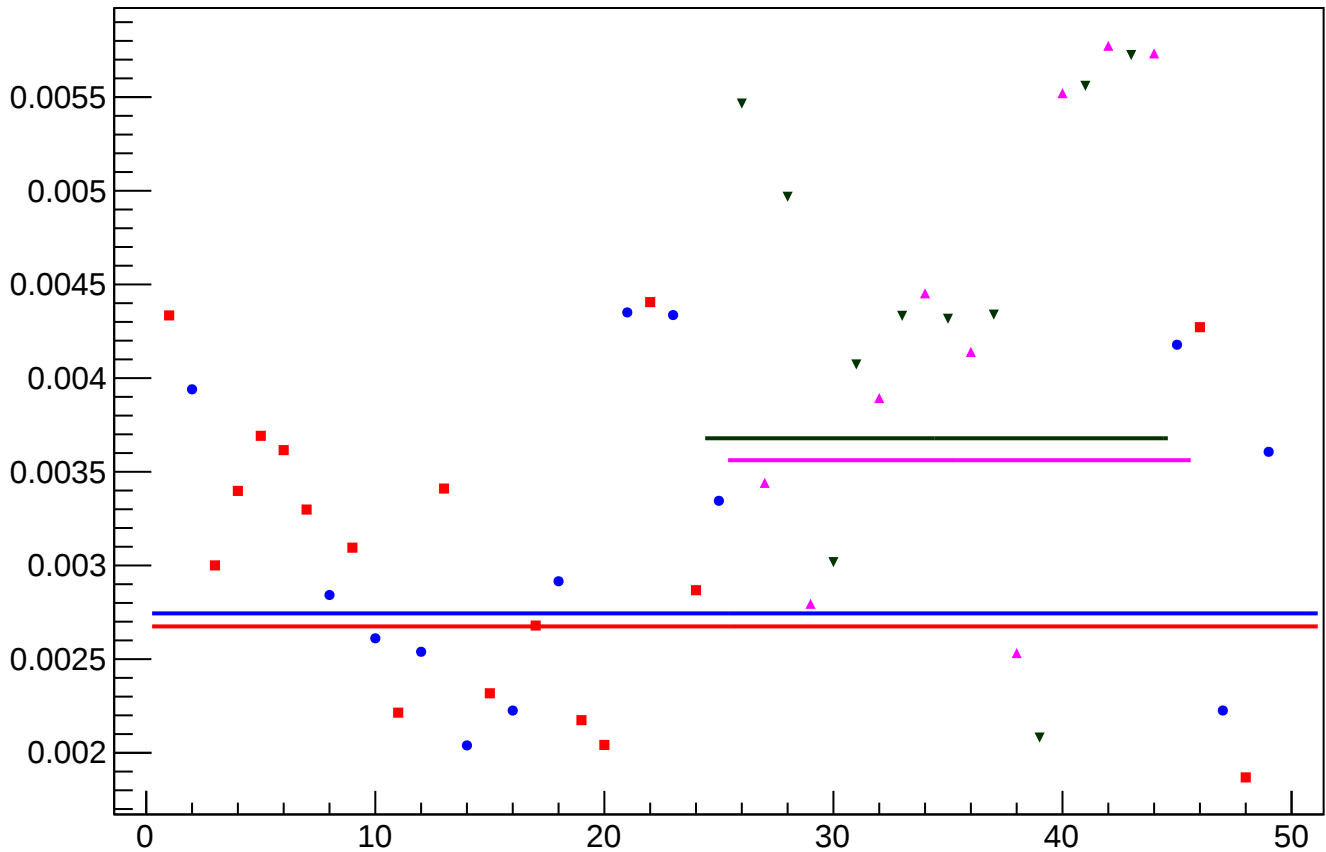
Left Out: 0.163+/-0.000 χ^2/NDF : 101856913.5/9

Right Out: 0.126+/-0.000 χ^2/NDF : 4431850790.8/16

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

0.134+/-0.000 χ^2/NDF : 10221963465.8/48

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 1031362.7/12

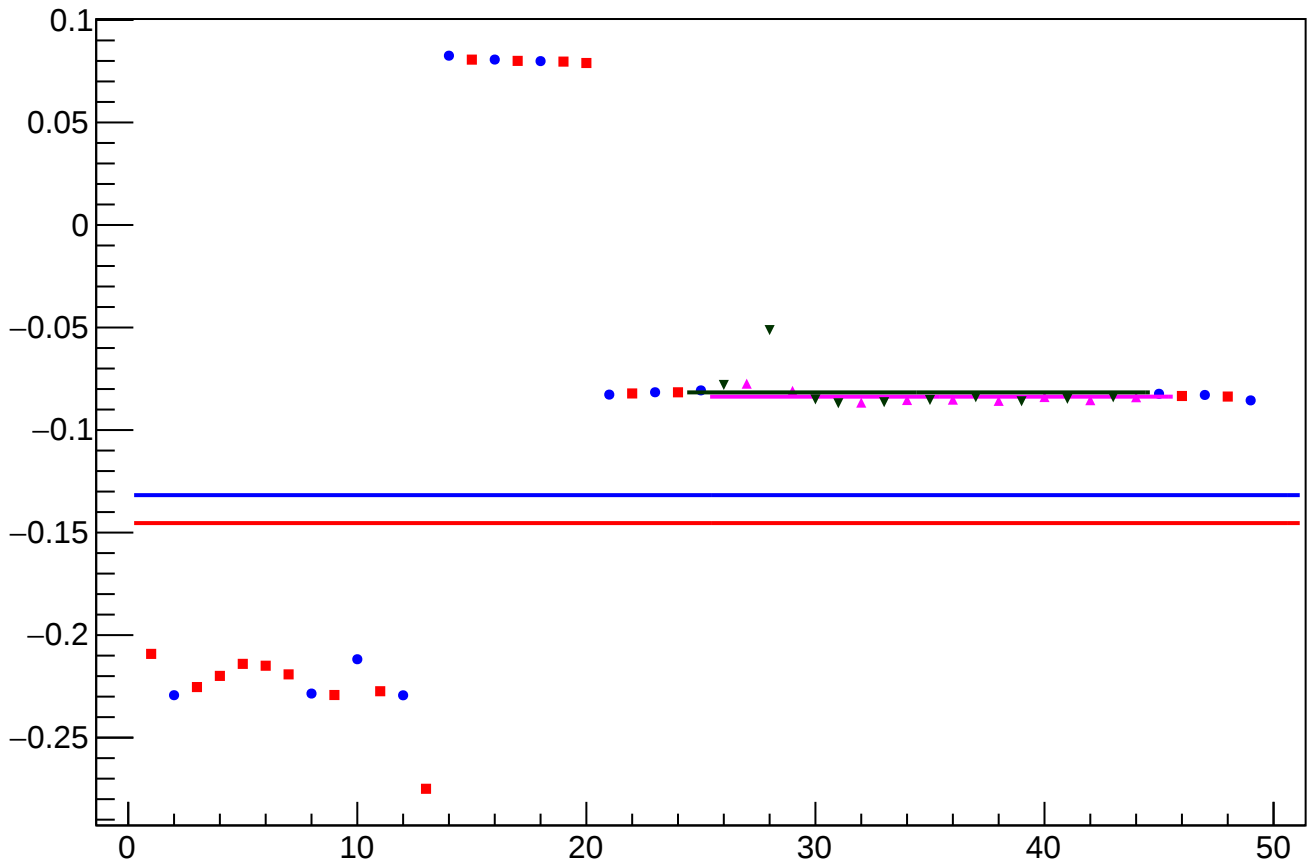
Left Out: 0.004+/-0.000 χ^2/NDF :1048834.3/9

0.003+/-0.000 χ^2/NDF : 4674085.1/48

Right Out: 0.003+/-0.000 χ^2/NDF : 974355.8/16

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

yield_cav4cY_mean vs slug



Right In: -0.132+/-0.000 χ^2 /NDF: 10028699763.9/12

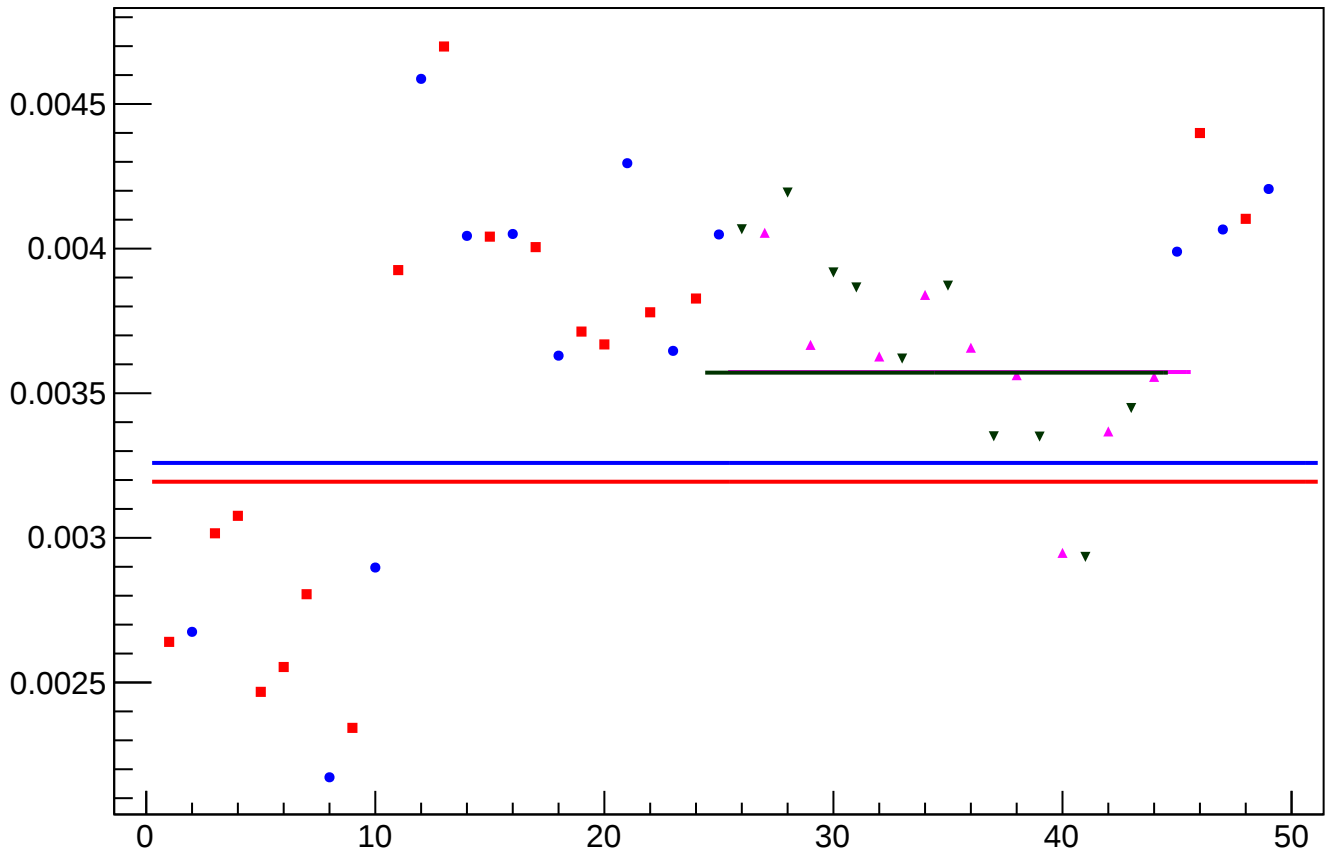
Left Out: -0.082+/-0.000 χ^2 /NDF: 35920699.2/9

-0.118+/-0.000 χ^2 /NDF: 21022513330.2/48

Right Out: -0.145+/-0.000 χ^2 /NDF: 9282898994.4/16

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 : 989001.9/12

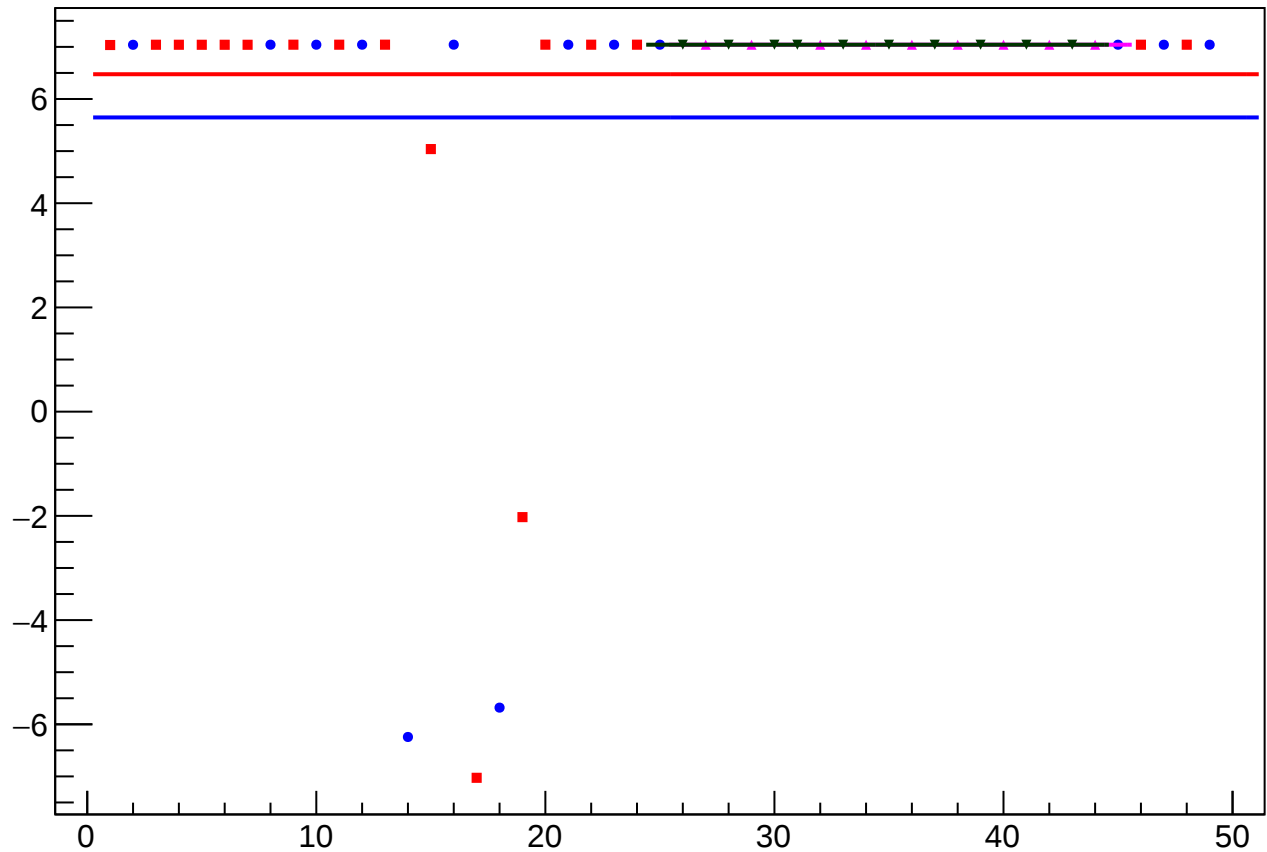
Left Out: 0.004+/-0.000 χ^2/NDF :121987.1/9

0.003+/-0.000 χ^2/NDF : 2029114.5/48

Right Out: 0.003+/-0.000 χ^2/NDF : 714334.4/16

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

yield_cav4dX_mean vs slug



Right In: 5.646+/-0.000 χ^2/NDF : 4545617743947142.0/12

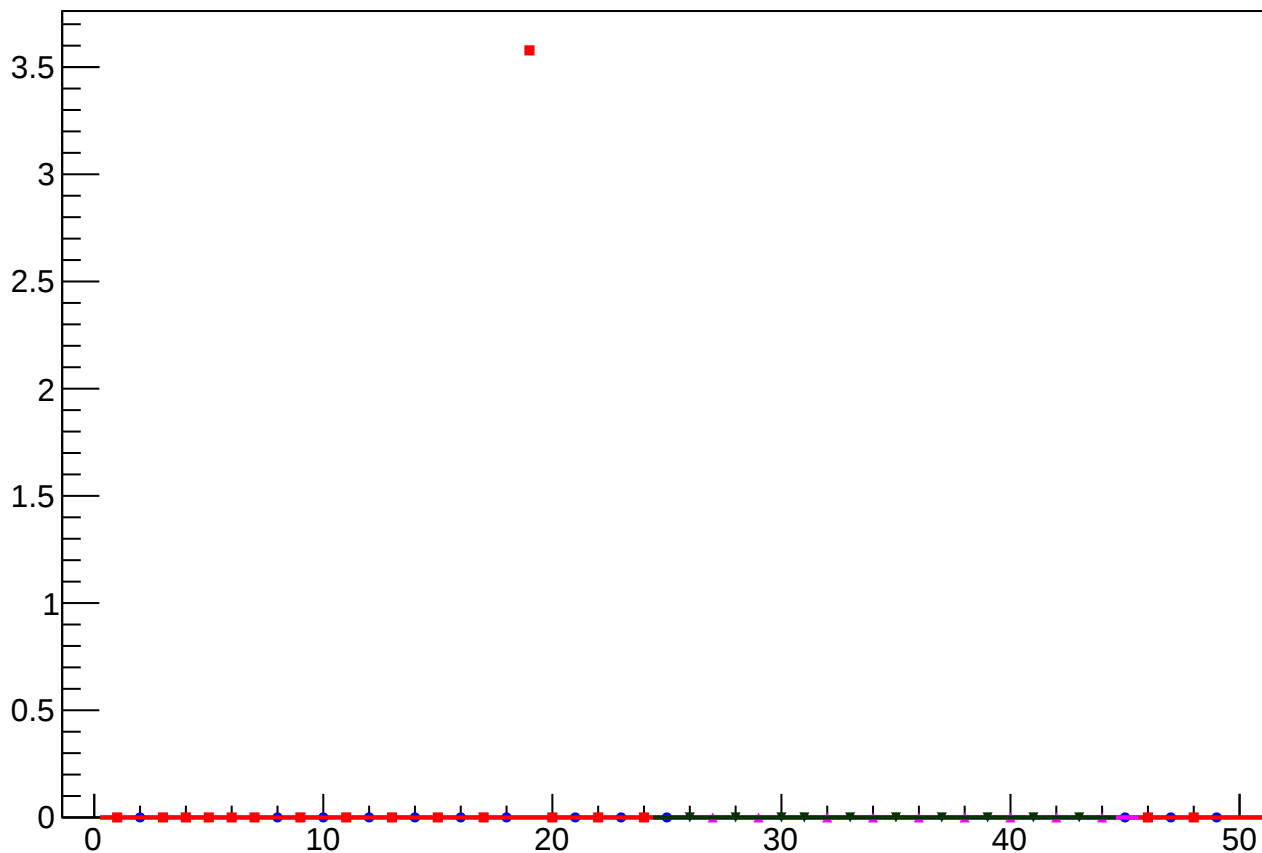
Left Out: 7.042+/-0.000 χ^2/NDF : 815895.3/9

6.481+/-0.000 χ^2/NDF : 6710157211652495.0/16

Right Out: 6.475+/-0.000 χ^2/NDF : 1841731349553562.0/16

Left In: 7.042+/-0.000 χ^2/NDF : 534073.4/8

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5085.5/12

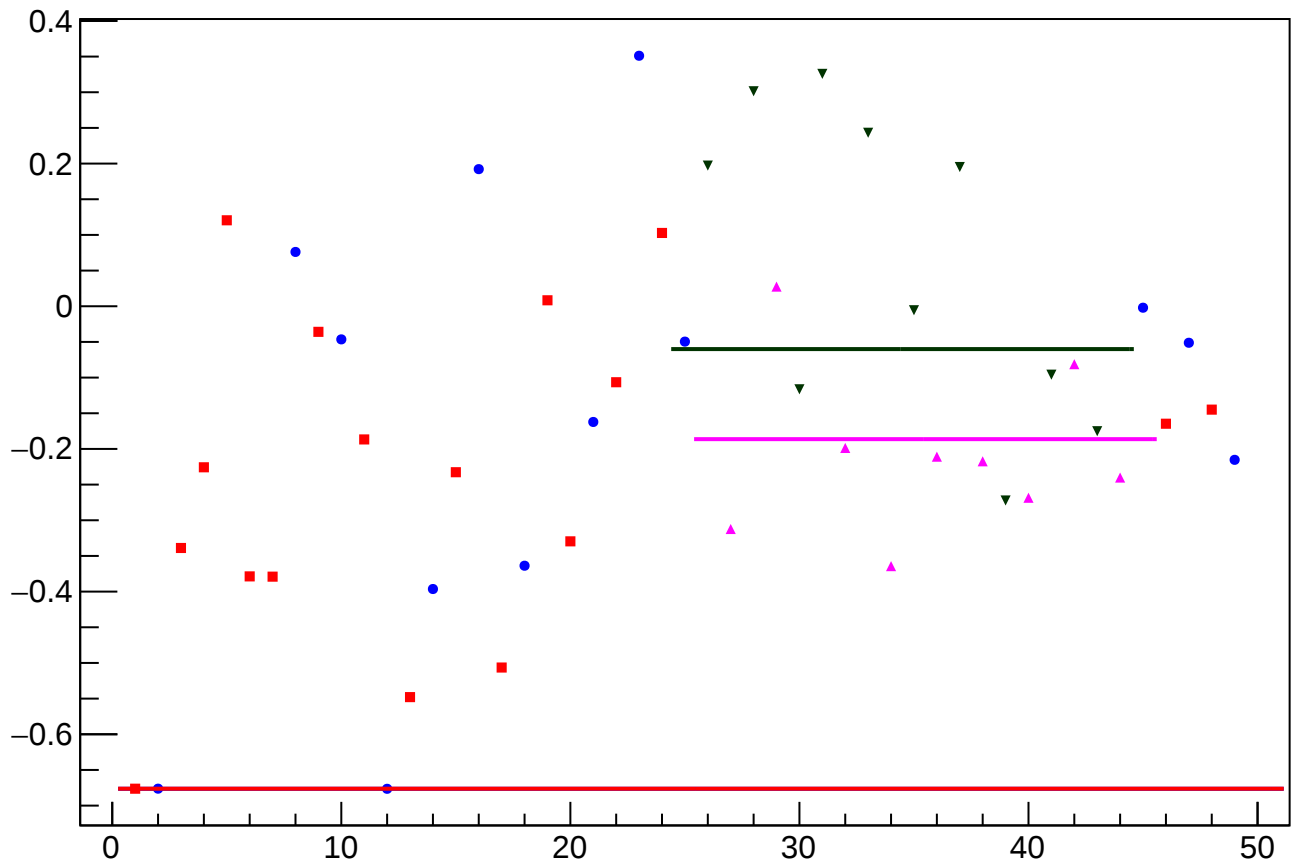
Left Out: 0.000+/-0.000 χ^2/NDF :1393.7/9

Right Out: 0.000+/-0.000 χ^2/NDF : 695721.5/16

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

0.000+/-0.000 χ^2/NDF : 706740.9/48

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 $\chi^2/\text{NDF}: 248941421.0/12$

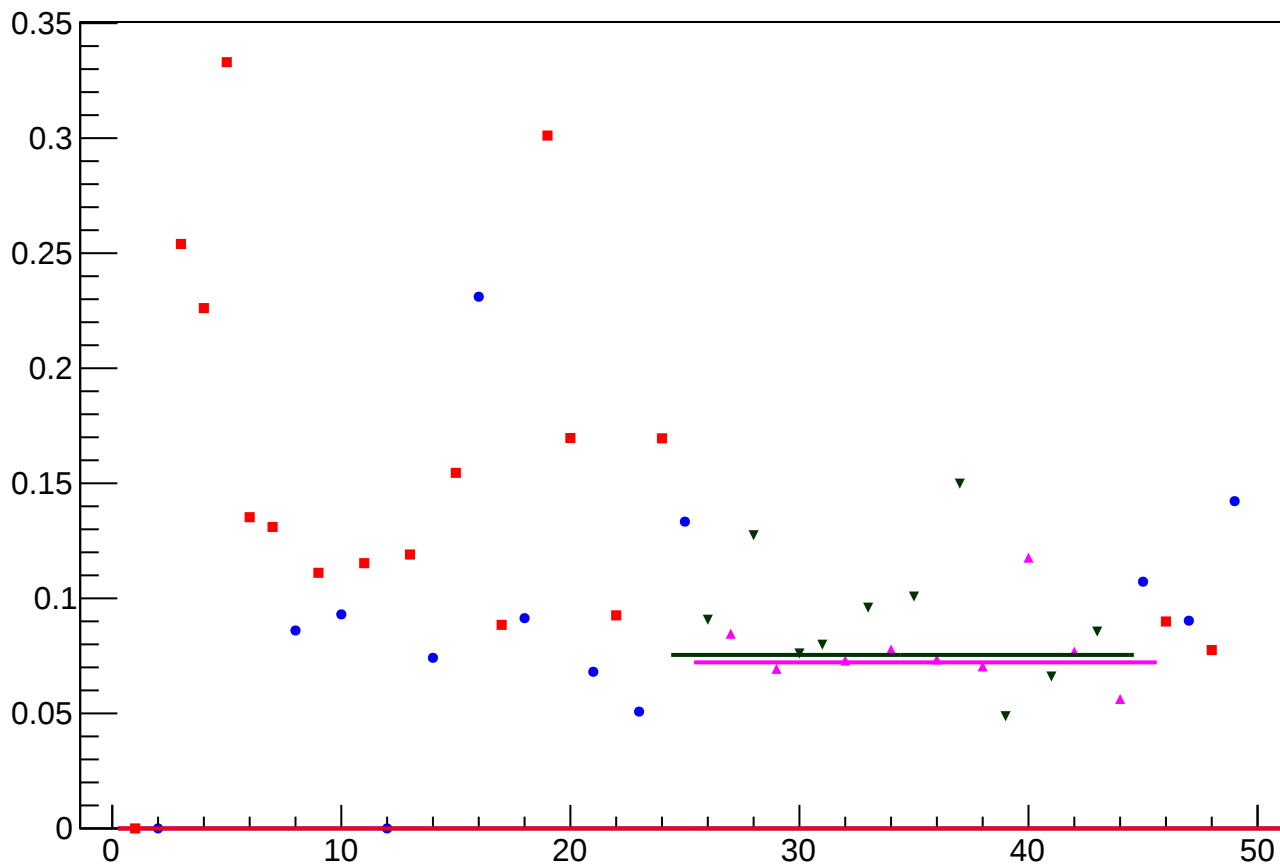
Left Out: -0.060 ± 0.000 $\chi^2/\text{NDF}: 19519965.9/9$

Right Out: -0.676 ± 0.000 $\chi^2/\text{NDF}: 90913070.2/16$

Left In: -0.186 ± 0.000 $\chi^2/\text{NDF}: 8360898.5/8$

-0.676 ± 0.000 $\chi^2/\text{NDF}: 712137489.0/48$

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 10169476.8/12

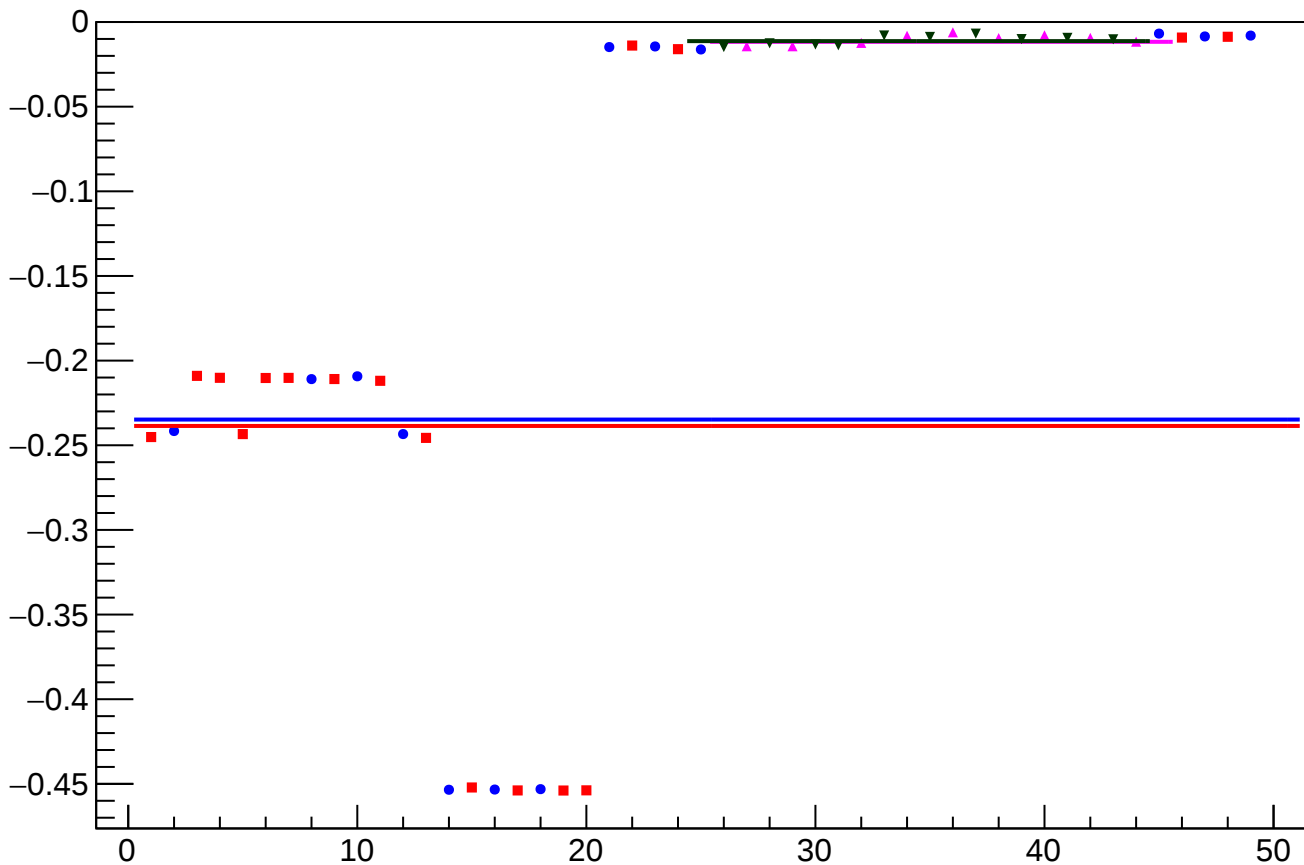
Left Out: 0.075+/-0.000 χ^2/NDF : 583441.6/9

Right Out: 0.000+/-0.000 χ^2/NDF : 10606652.5/16

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

0.000+/-0.000 χ^2/NDF : 33939876.2/48

yield_bpm4aX_mean vs slug



Right In: -0.235+/-0.000 χ^2/NDF : 4262235730.4/12

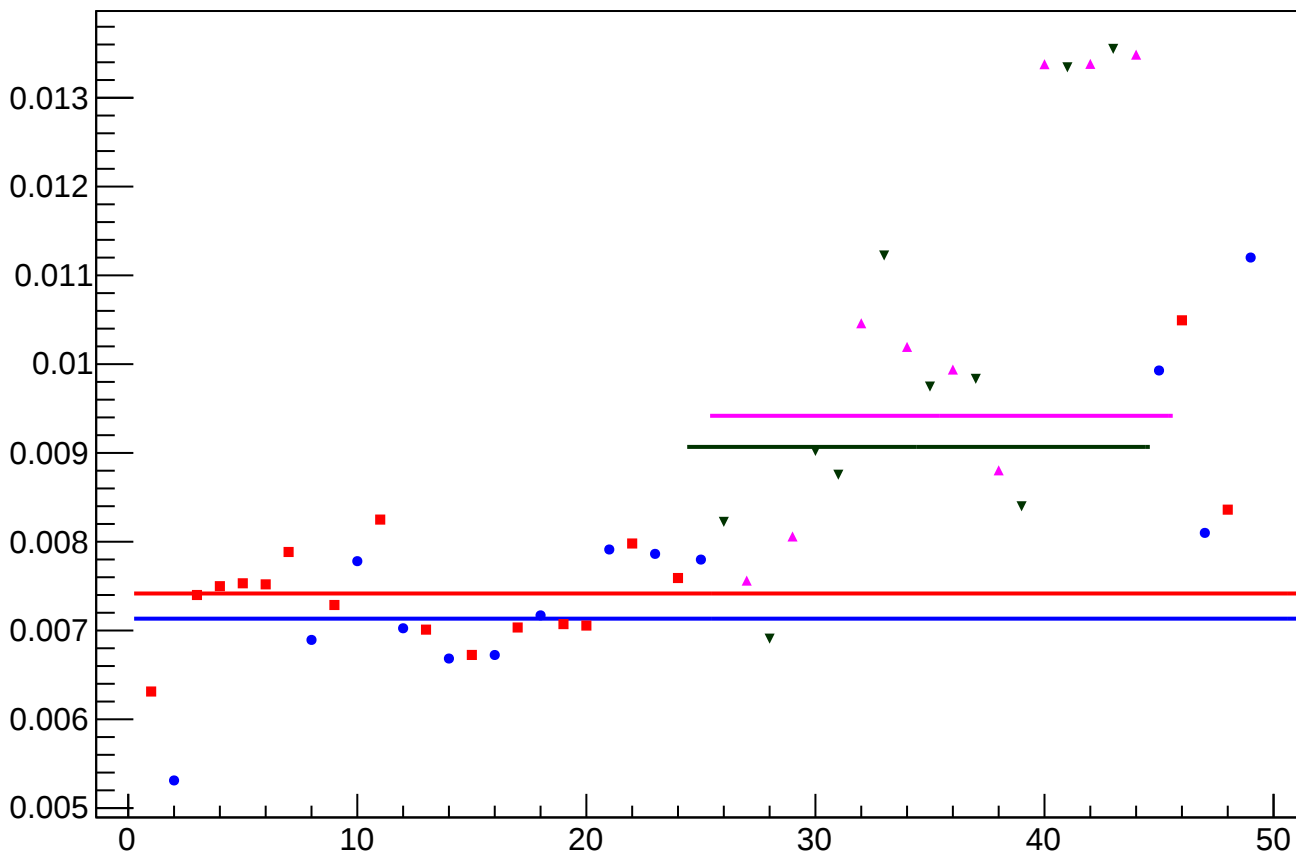
Left Out: -0.011+/-0.000 χ^2/NDF : 378273.8/9

-0.173+/-0.000 χ^2/NDF : 11918356873.8/48

Right Out: -0.239+/-0.000 χ^2/NDF : 3315237526.9/16

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 : 601843.6/12

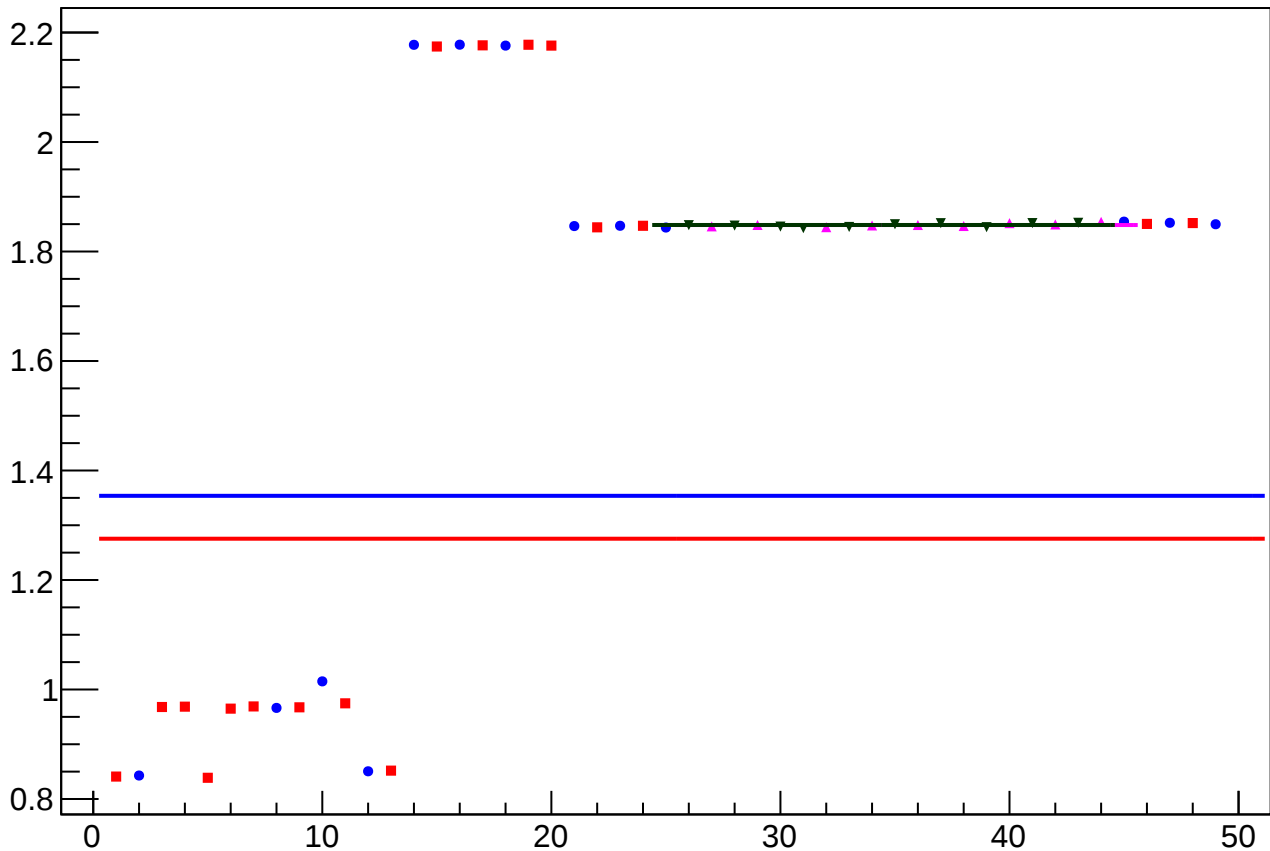
Left Out: 0.009+/-0.000 χ^2/NDF : 422810.1/9

Right Out: 0.007+/-0.000 χ^2/NDF : 166960.5/16

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

0.008+/-0.000 χ^2/NDF : 2328665.3/48

yield_bpm4aY_mean vs slug



Right In: 1.354+/-0.000 χ^2/NDF : 15129365816.3/12

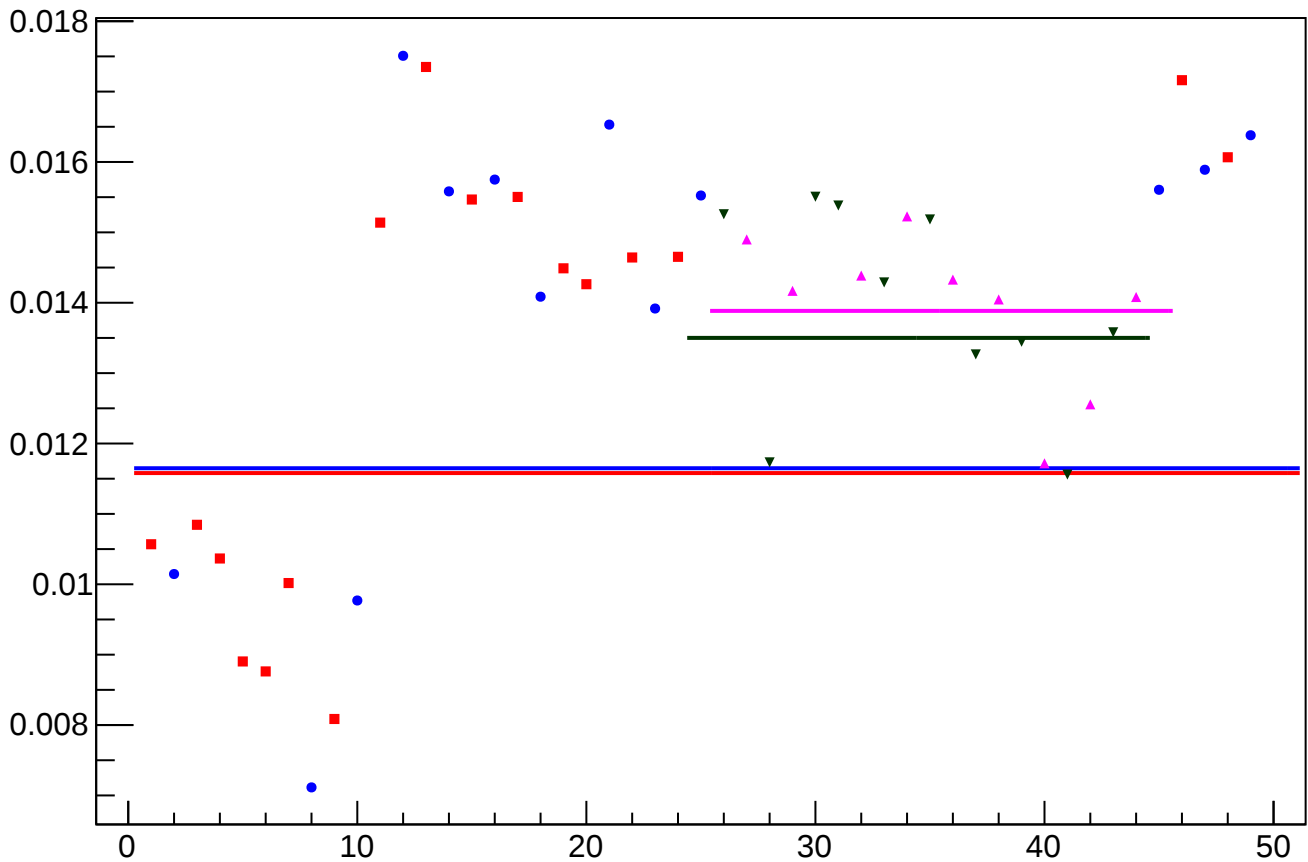
Left Out: 1.848+/-0.000 χ^2/NDF : 275256.1/9

1.495+/-0.000 χ^2/NDF : 39044135707.0/48

Right Out: 1.275+/-0.000 χ^2/NDF : 13365242511.4/16

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 : 1539425.4/12

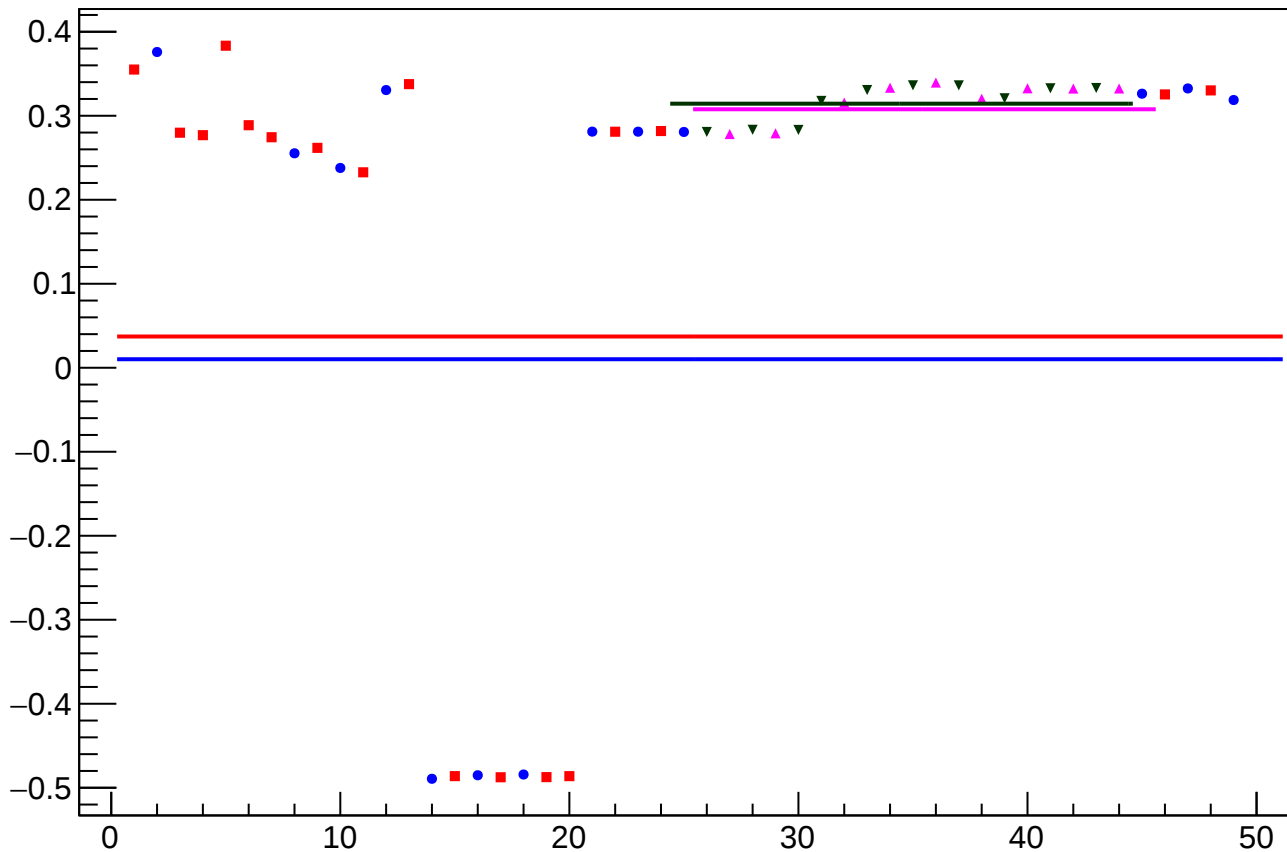
Left Out: 0.014+/-0.000 χ^2/NDF : 115034.4/9

0.012+/-0.000 χ^2/NDF : 3060737.8/48

Right Out: 0.012+/-0.000 χ^2/NDF : 1021125.3/16

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

yield_bpm4eX_mean vs slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 3458676622.9/12

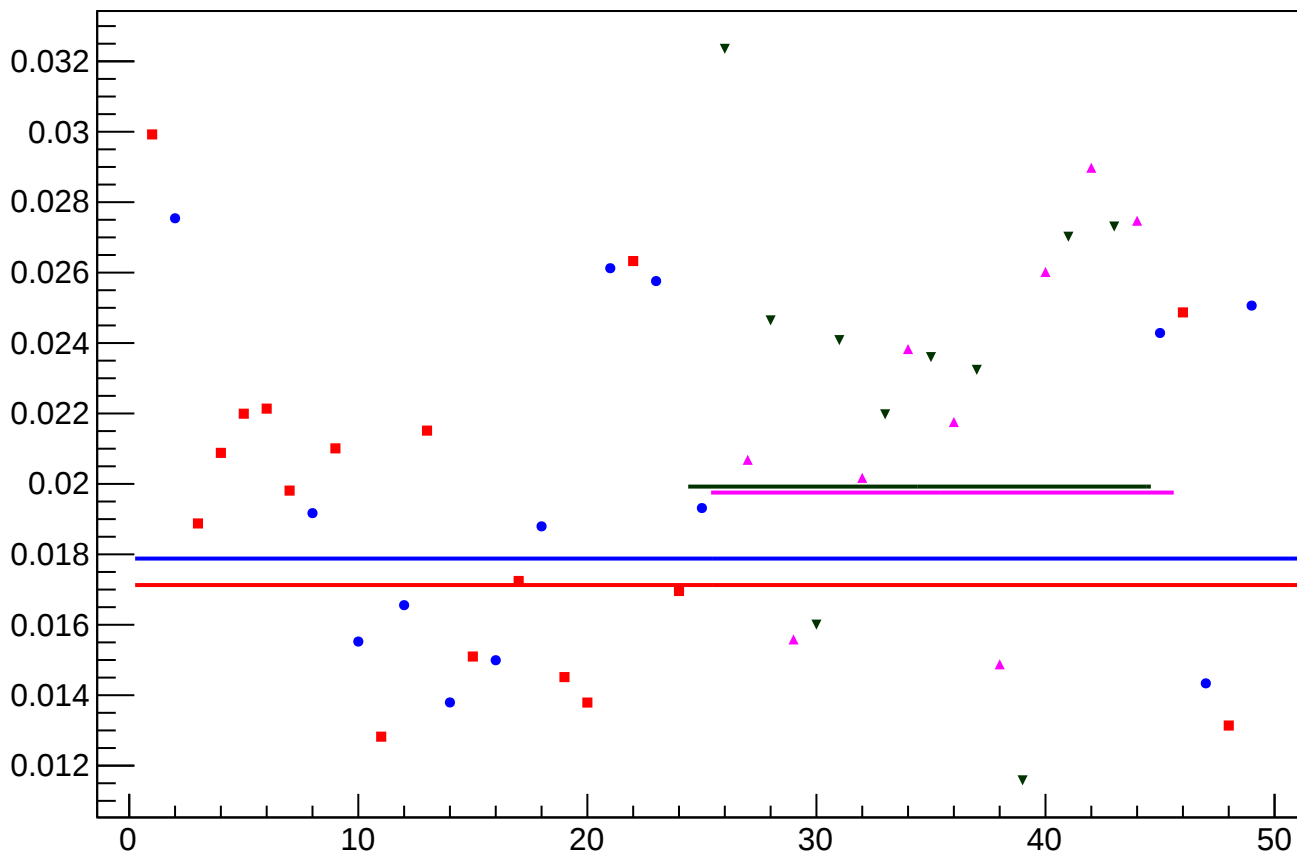
Left Out: 0.314 $\pm$ 0.000 χ^2 /NDF: 5139756.1/9

0.119 $\pm$ 0.000 χ^2 /NDF: 7926132809.6/48

Right Out: 0.037 $\pm$ 0.000 χ^2 /NDF: 3118976674.1/16

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 : 955386.2/12

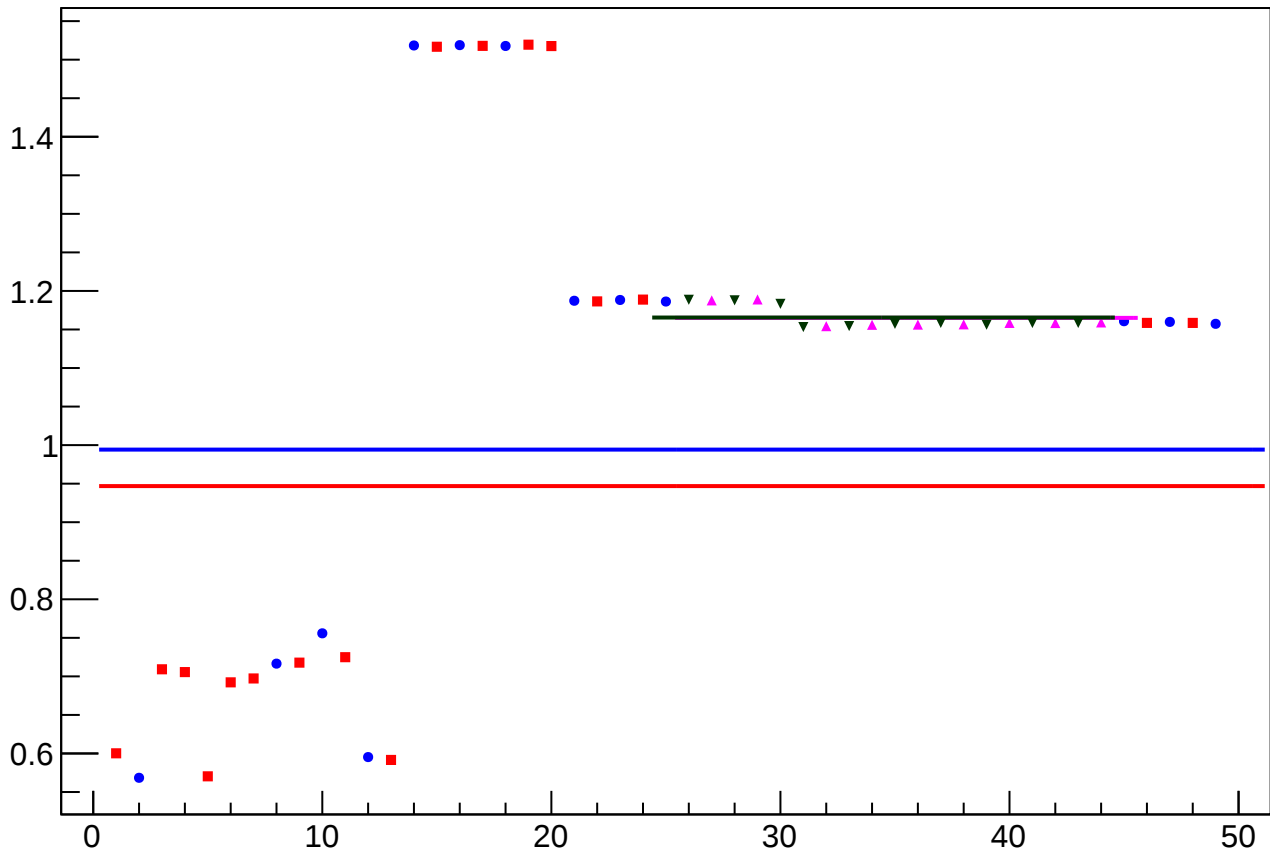
Left Out: 0.020+/-0.000 χ^2/NDF : 889086.3/9

Right Out: 0.017+/-0.000 χ^2/NDF : 901287.1/16

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

0.018+/-0.000 χ^2/NDF : 3415427.6/48

yield_bpm4eY_mean vs slug



Right In: 0.994+/-0.000 χ^2/NDF : 12856186966.1/12

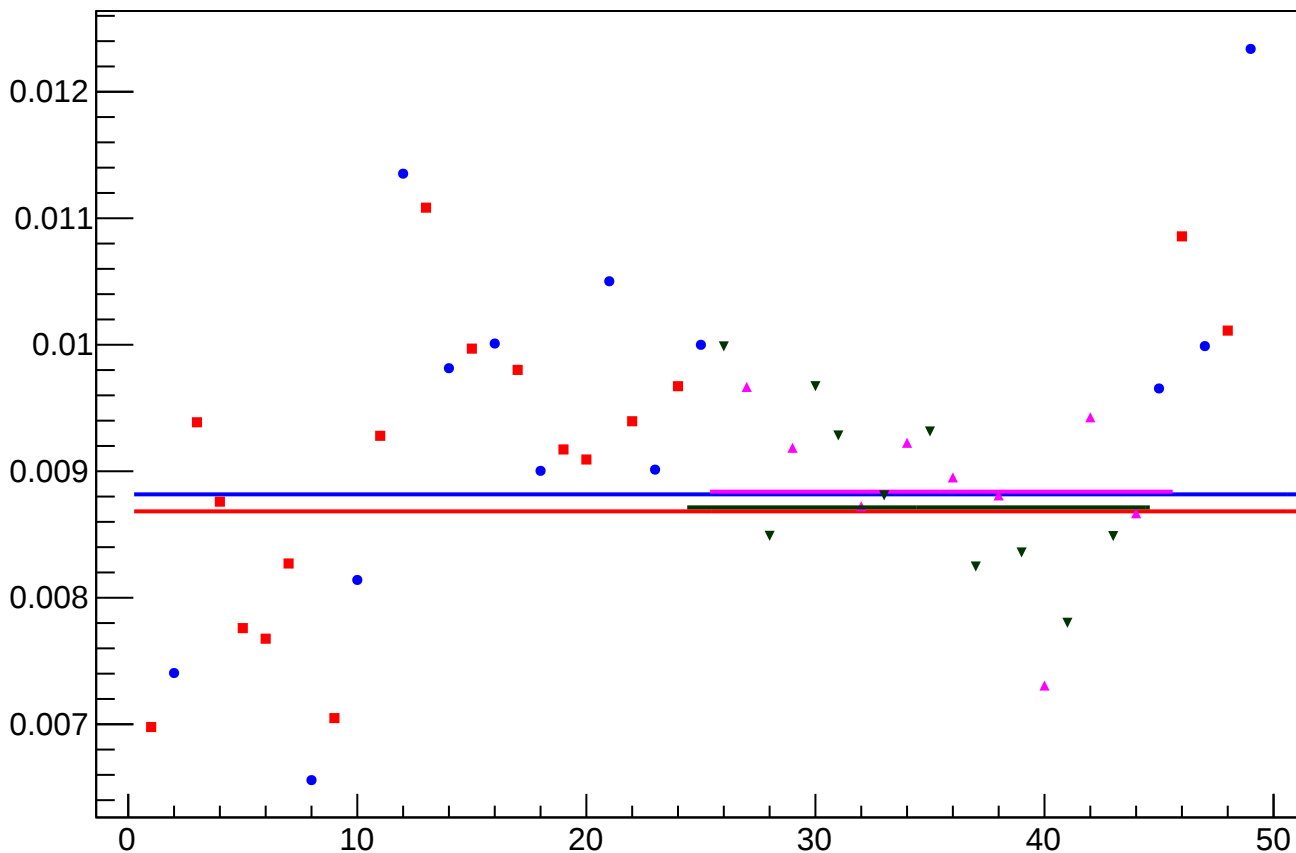
Left Out: 1.166+/-0.000 χ^2/NDF : 12042647.5/9

1.048+/-0.000 χ^2/NDF : 27892018802.1/48

Right Out: 0.947+/-0.000 χ^2/NDF : 11843241923.8/16

Left In: 1.165+/-0.000 χ^2/NDF : 13350720.5/8

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 549918.5/12

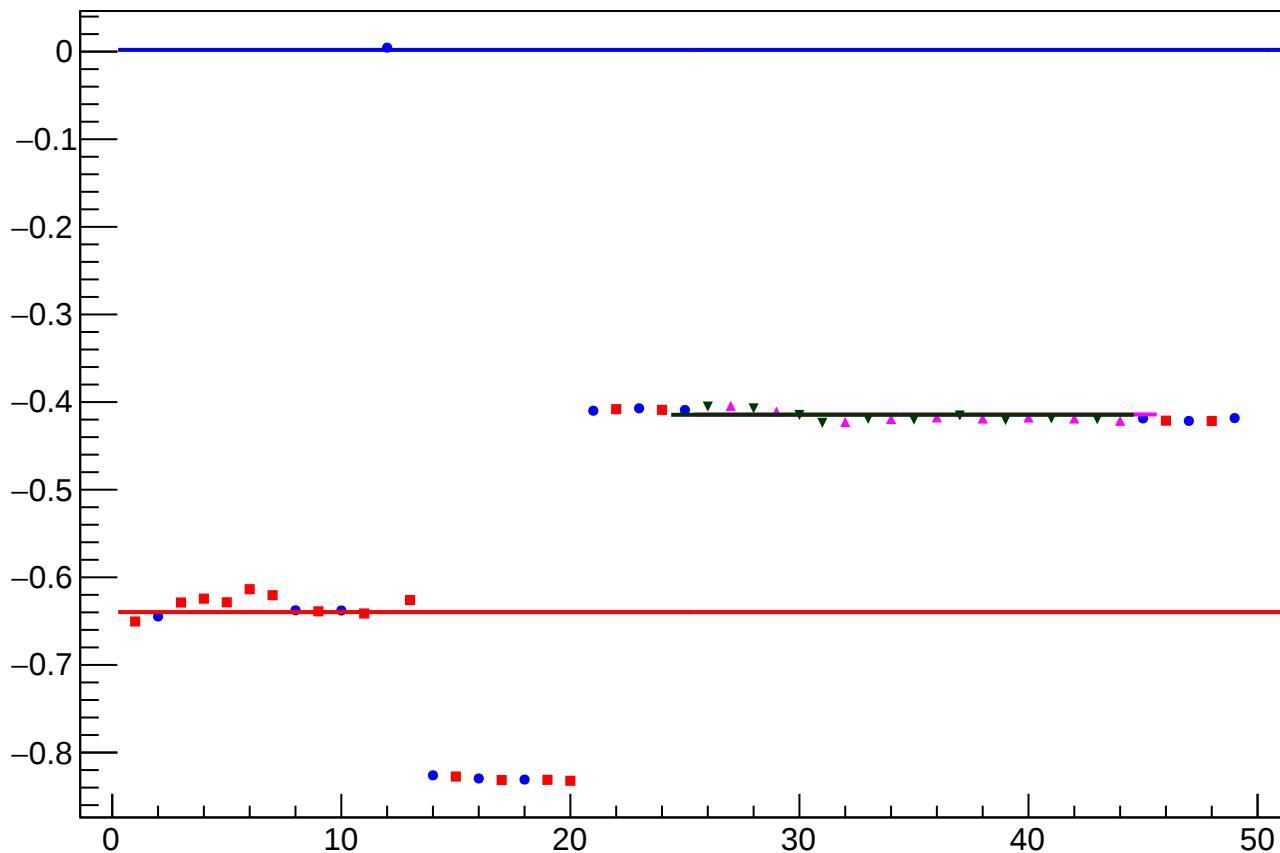
Left Out: 0.009+/-0.000 χ^2/NDF : 53949.8/9

Right Out: 0.009+/-0.000 χ^2/NDF : 310810.8/16

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

0.009+/-0.000 χ^2/NDF : 980543.9/48

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 63278686830.7/12

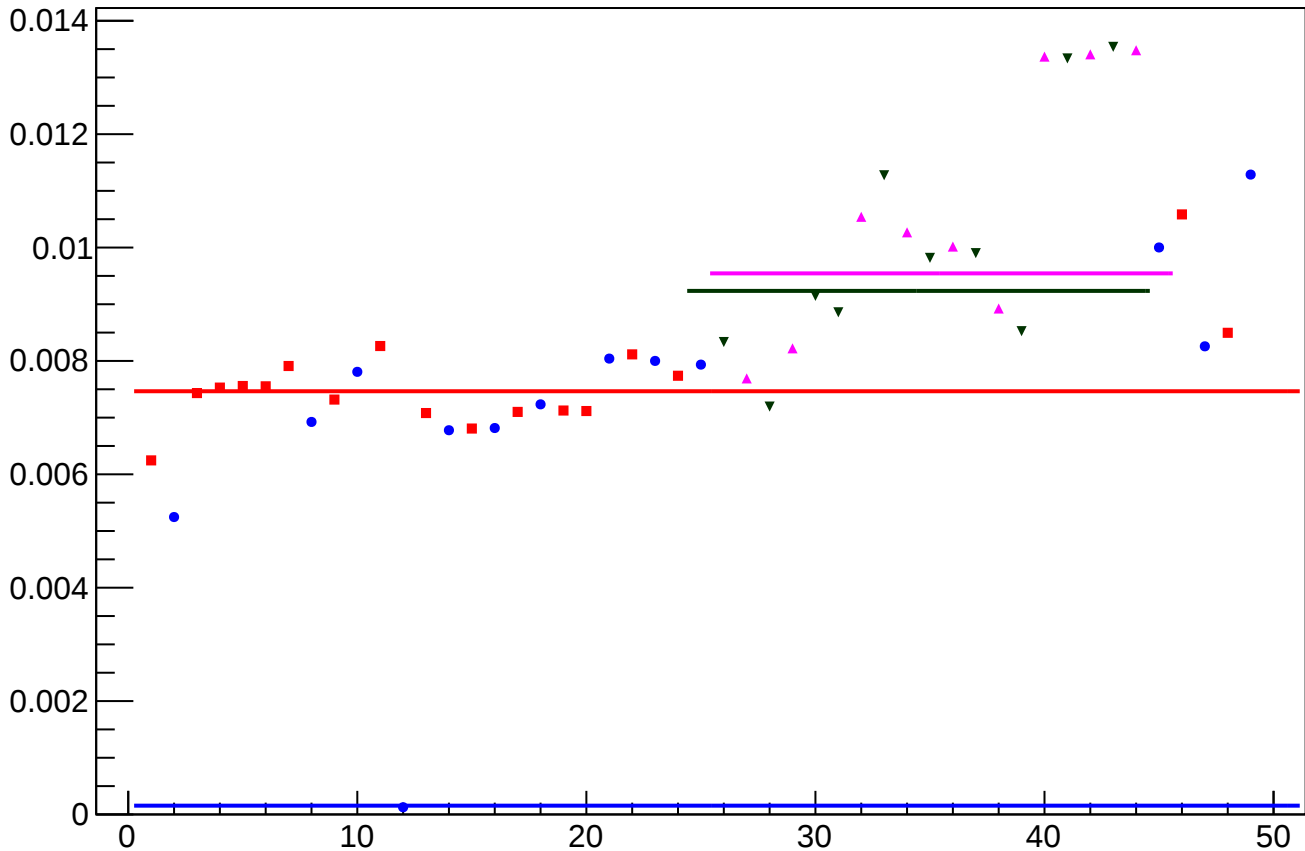
Left Out: -0.414+/-0.000 χ^2/NDF : 2323331.2/9

Right Out: -0.640+/-0.000 χ^2/NDF : 2856220672.9/16

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

-0.002+/-0.000 χ^2/NDF : 143404192332.3/48

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15186659.2/12

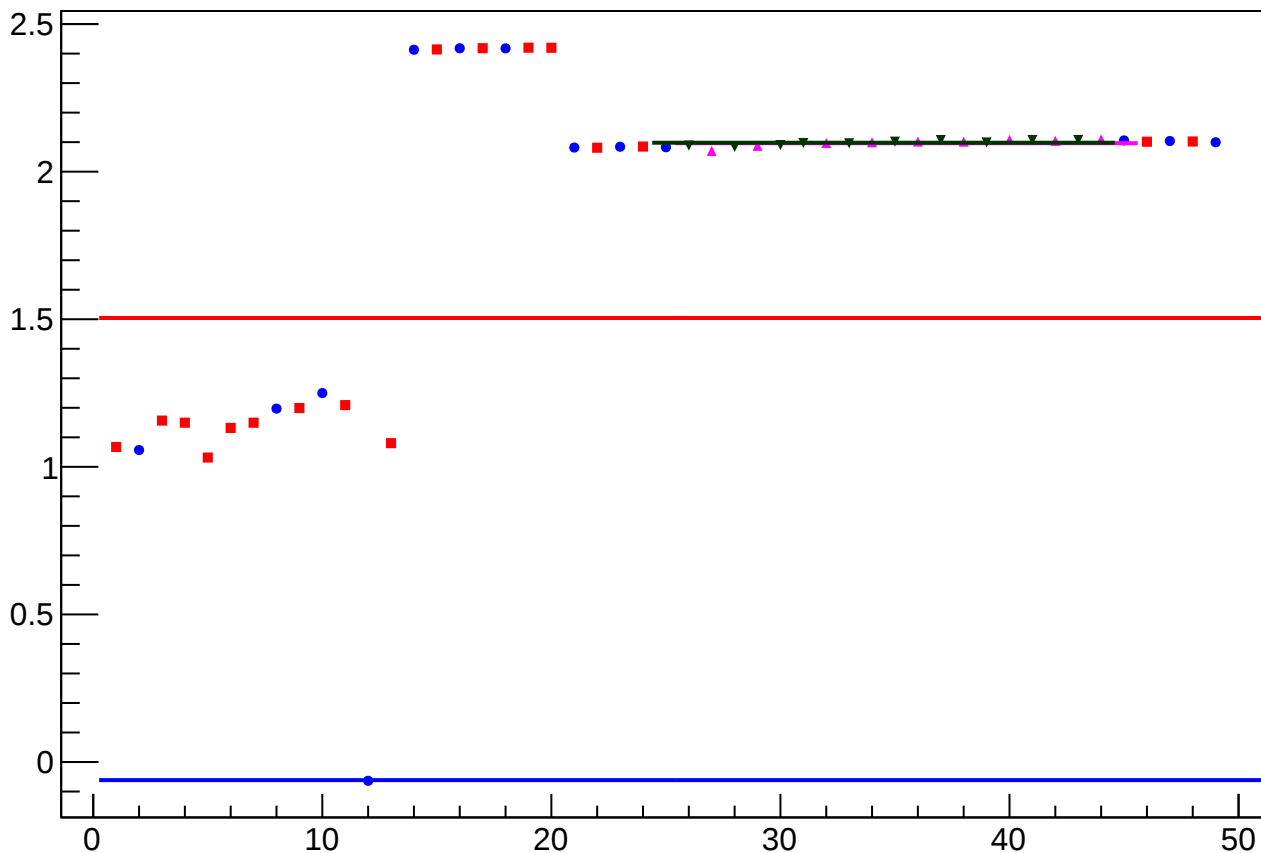
Left Out: 0.009+/-0.000 χ^2/NDF : 378139.6/9

0.000+/-0.000 χ^2/NDF : 50728996.4/48

Right Out: 0.007+/-0.000 χ^2/NDF : 176906.2/16

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: 158205210618.5/12

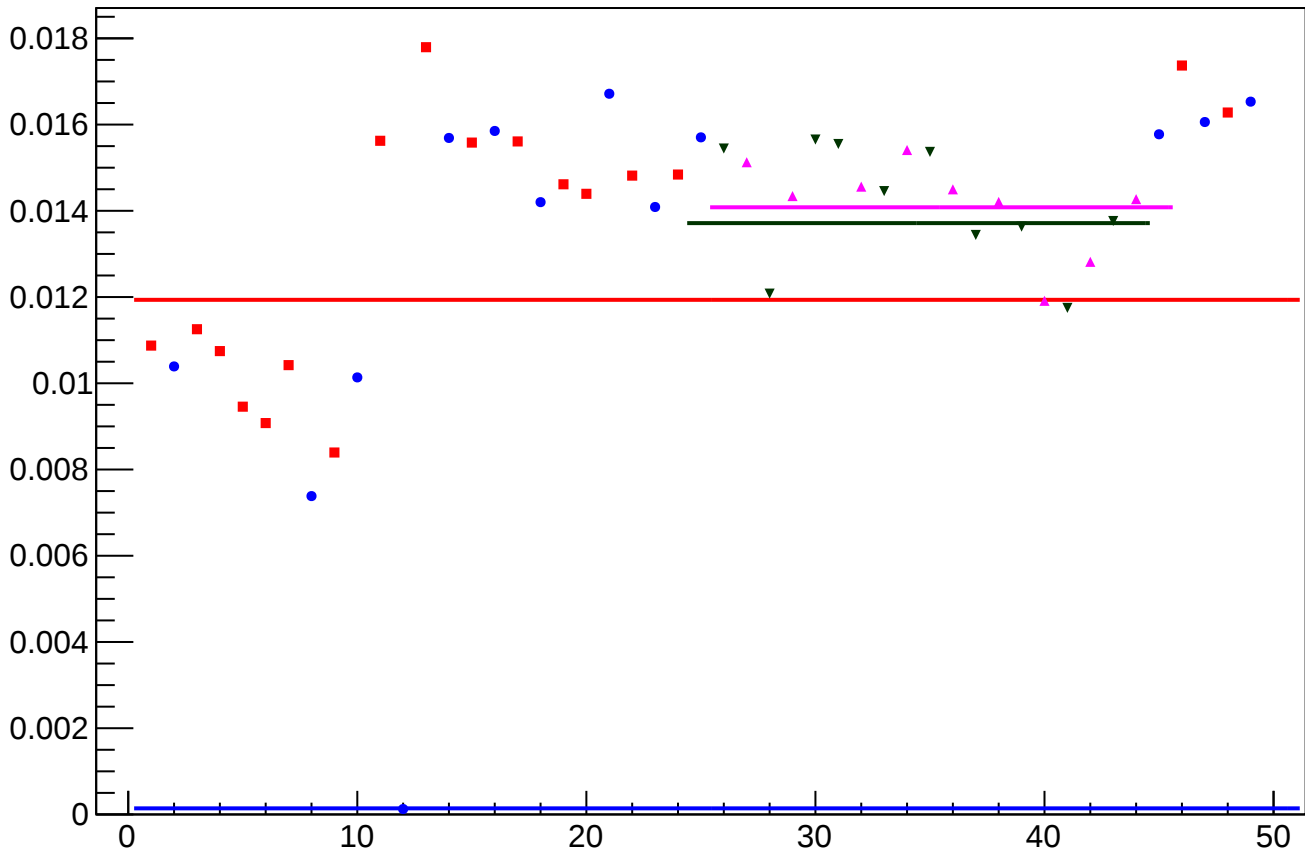
Left Out: 2.098+/-0.000 χ^2 /NDF:1989190.8/9

Right Out: 1.504+/-0.000 χ^2 /NDF: 13769353212.2/16

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

-0.056+/-0.000 χ^2 /NDF: 543499114529.2/48

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 15027726.7/12

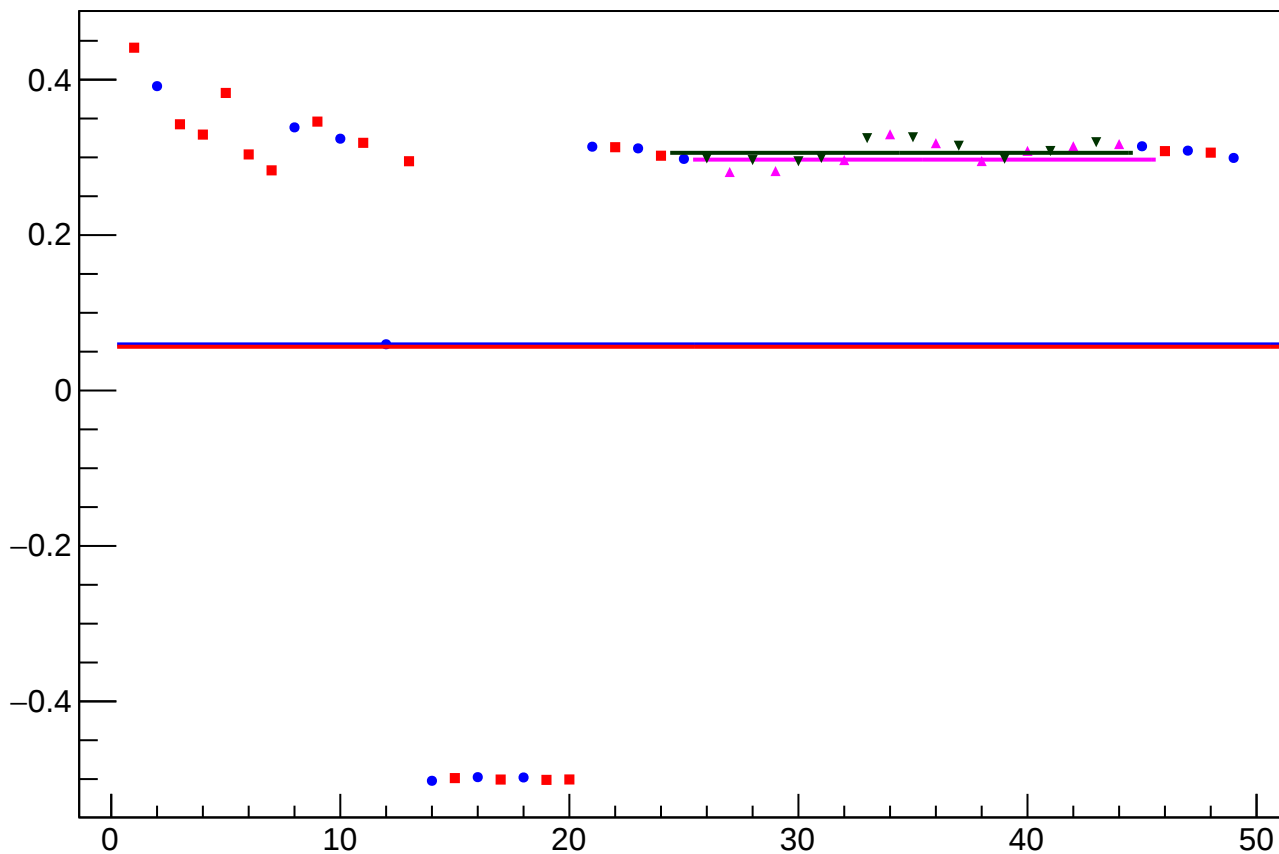
Left Out: 0.014+/-0.000 χ^2/NDF :105900.8/9

0.000+/-0.000 χ^2/NDF : 50286234.9/48

Right Out: 0.012+/-0.000 χ^2/NDF : 941501.9/16

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 : 3744423164.8/12

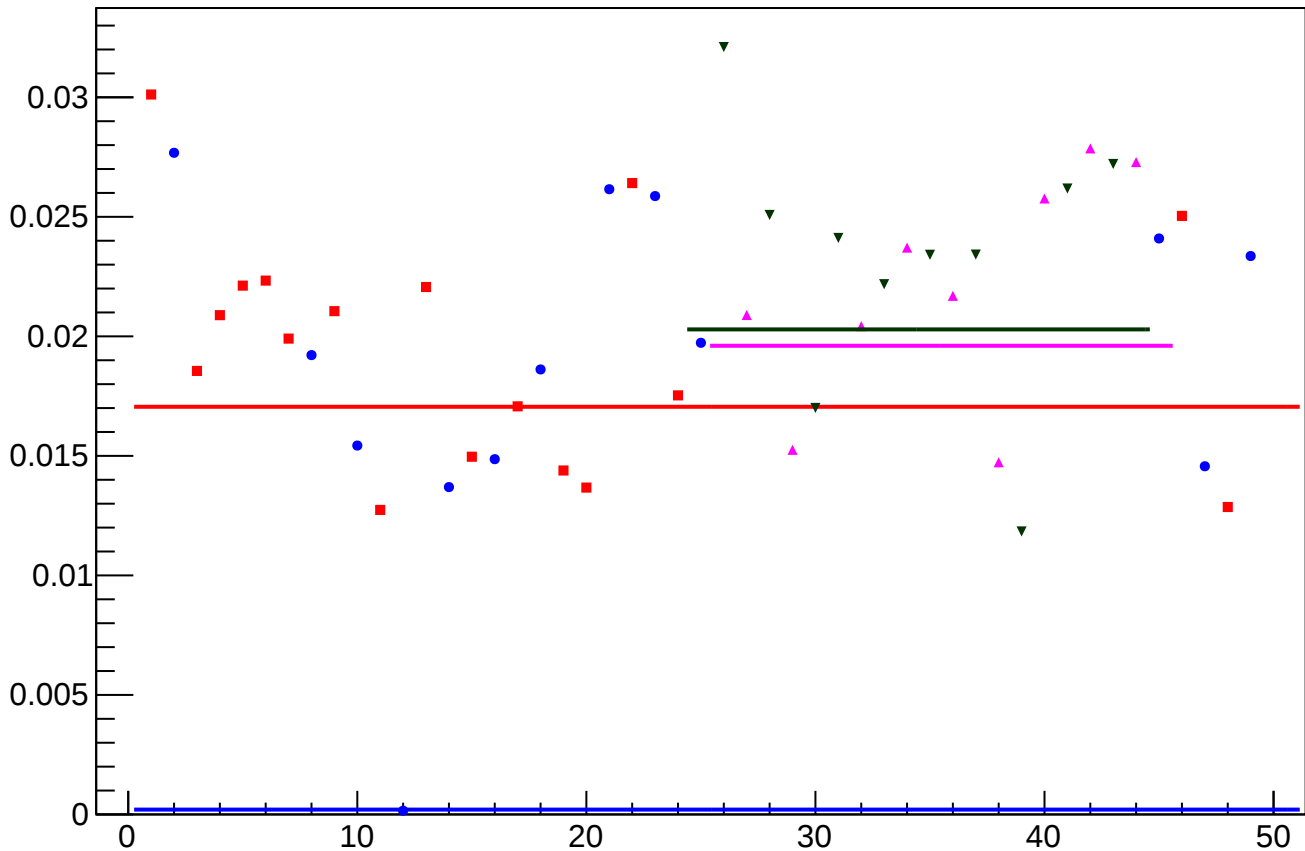
Left Out: 0.306+/-0.000 χ^2/NDF :1442244.8/9

0.060+/-0.000 χ^2/NDF : 8742872768.6/48

Right Out: 0.056+/-0.000 χ^2/NDF : 3587749535.6/16

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 : 14969276.1/12

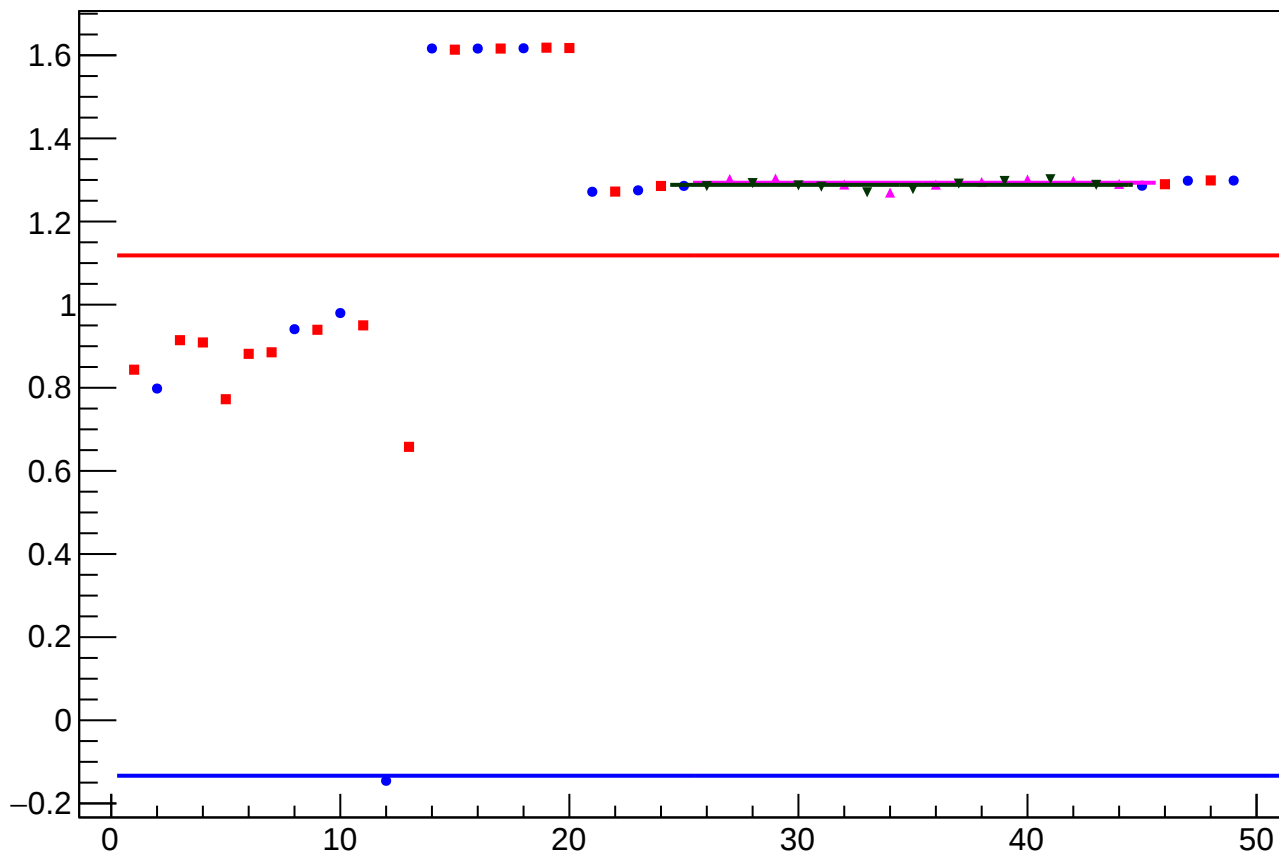
Left Out: 0.020+/-0.000 χ^2/NDF : 809735.4/9

0.000+/-0.000 χ^2/NDF : 49576906.4/48

Right Out: 0.017+/-0.000 χ^2/NDF : 949779.2/16

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: 156469030149.0/12

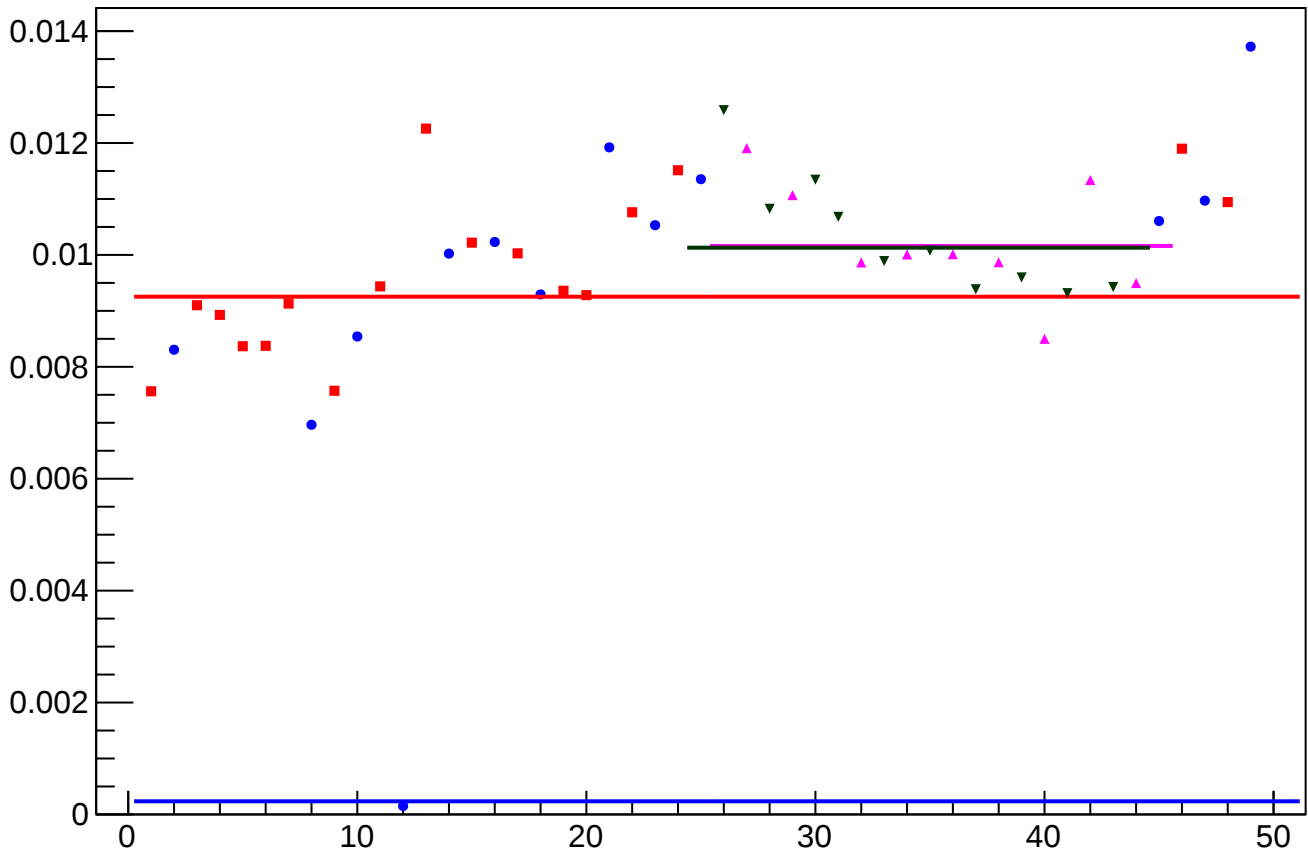
Left Out: 1.288+/-0.000 χ^2 /NDF:3975612.3/9

Right Out: 1.118+/-0.000 χ^2 /NDF: 7970401652.4/16

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

-0.107+/-0.000 χ^2 /NDF: 499086748776.7/48

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 14789142.2/12

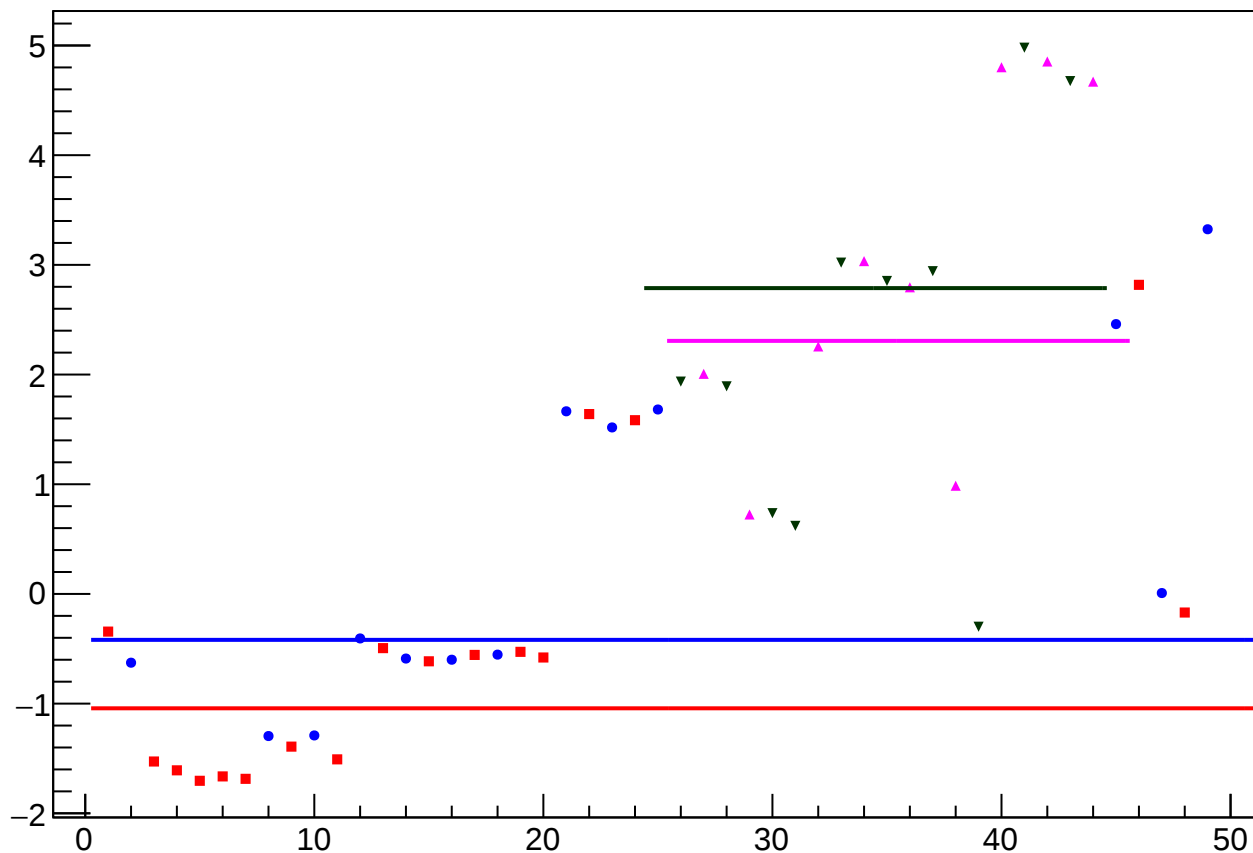
Left Out: 0.010+/-0.000 χ^2/NDF : 78195.0/9

0.000+/-0.000 χ^2/NDF : 48632188.1/48

Right Out: 0.009+/-0.000 χ^2/NDF : 323872.3/16

Left In: 0.010+/-0.000 χ^2/NDF : 100525.5/8

yield_bpm1X_mean vs slug



Right In: -0.419+/-0.000 χ^2/NDF : 4209073799.1/12

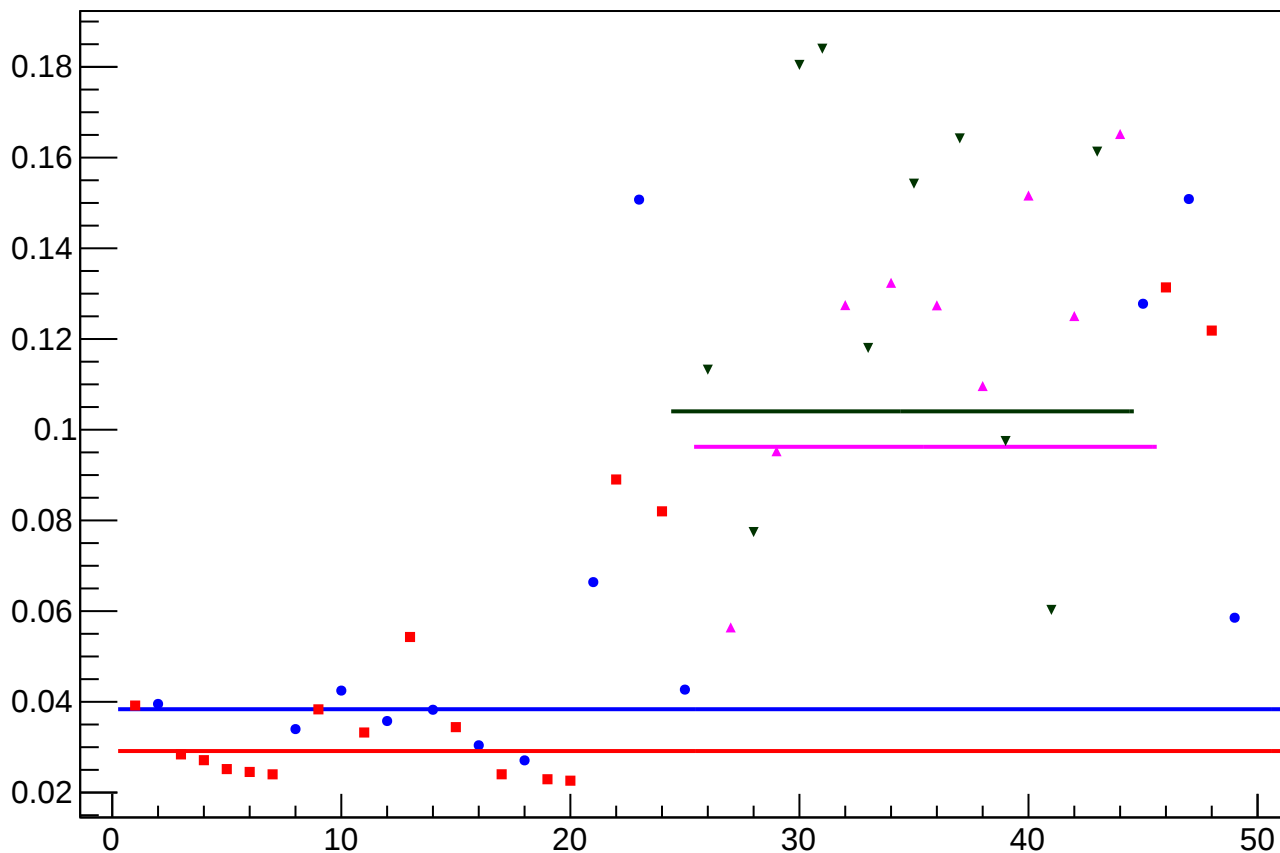
Left Out: 2.788+/-0.000 χ^2/NDF : 939335767.4/9

Right Out: -1.043+/-0.000 χ^2/NDF : 2770412711.1/16

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

-0.588+/-0.000 χ^2/NDF : 17114253825.2/48

yield_bpm1X_rms vs slug



Right In: 0.038+/-0.000 χ^2/NDF : 1984418.3/12

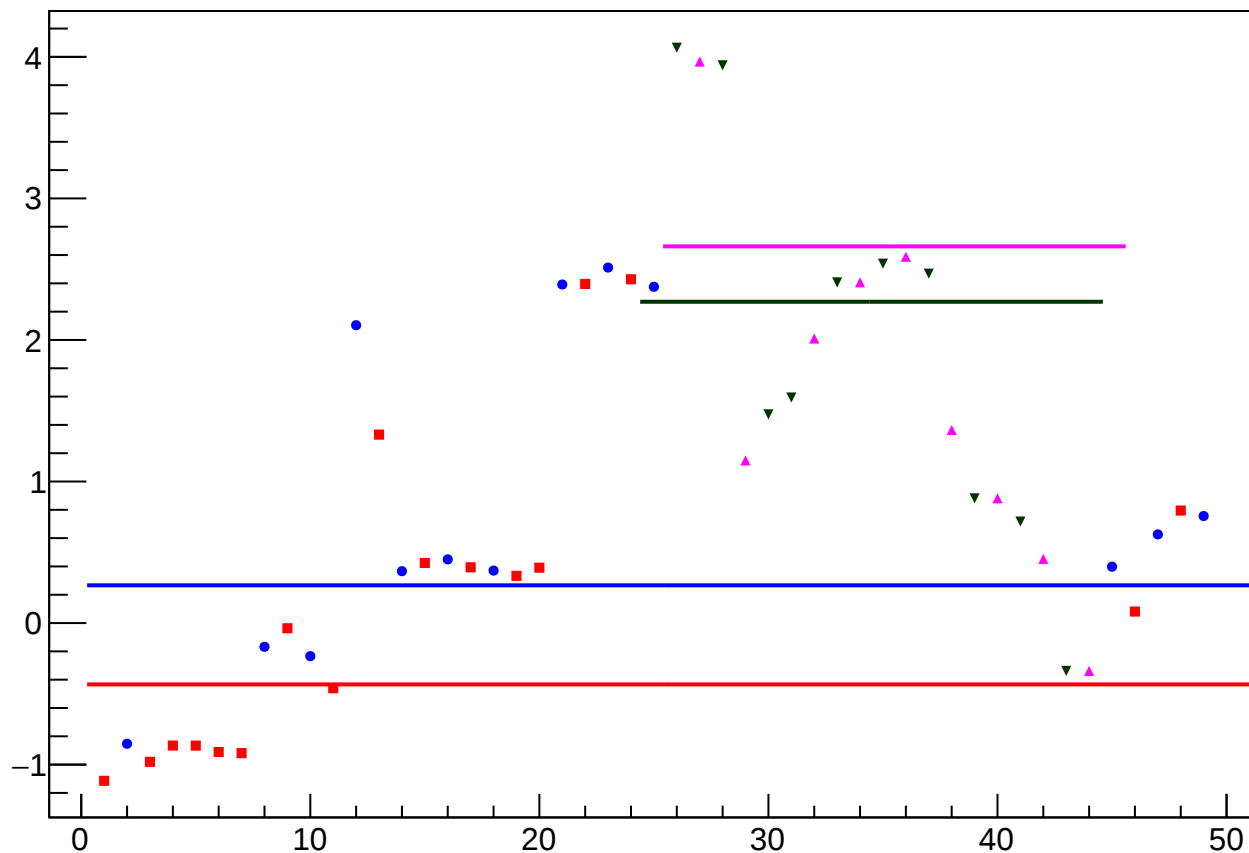
Left Out: 0.104+/-0.000 χ^2/NDF : 1080558.8/9

Right Out: 0.029+/-0.000 χ^2/NDF : 1913604.3/16

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

0.037+/-0.000 χ^2/NDF : 12634624.1/48

yield_bpm1Y_mean vs slug



Right In: 0.267+/-0.000 χ^2/NDF : 6676090357.5/12

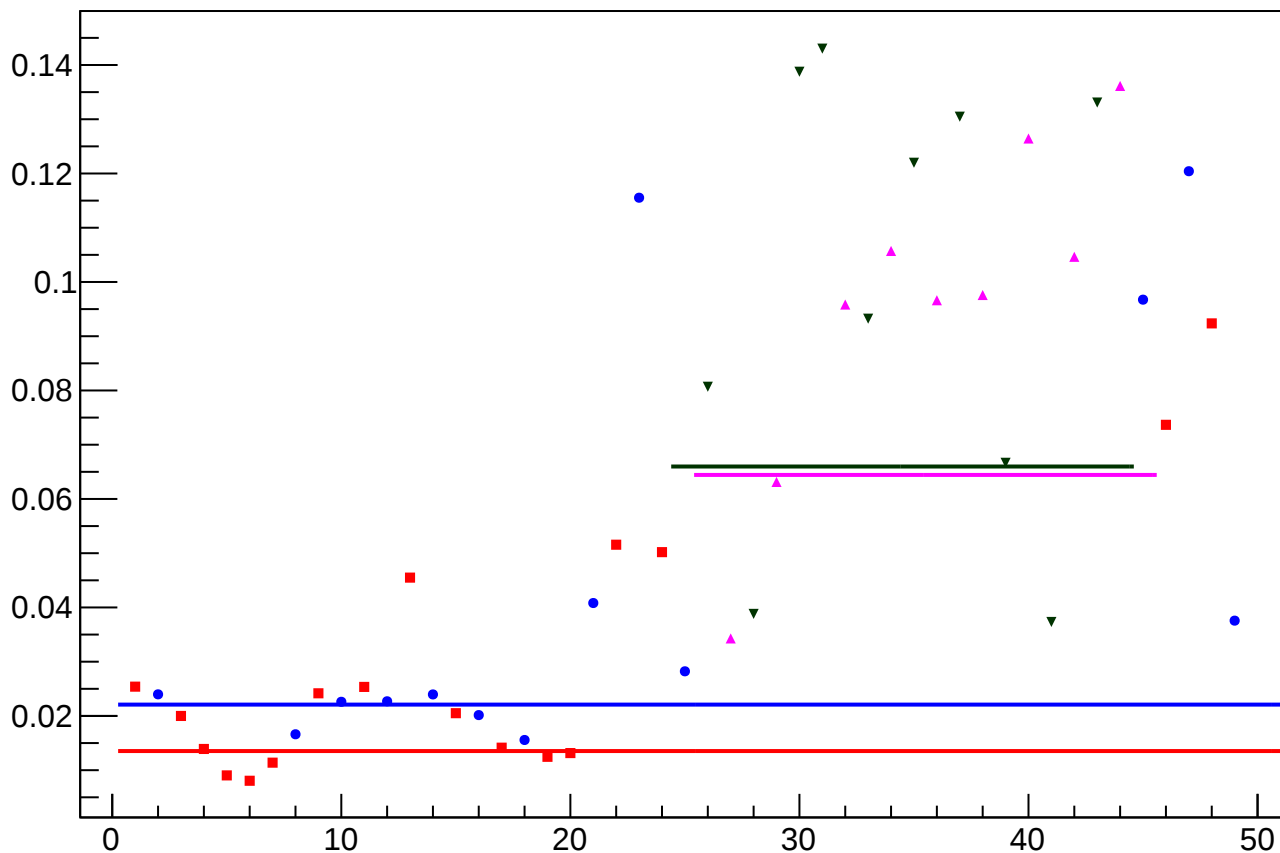
Left Out: 2.270+/-0.000 χ^2/NDF :1464784442.9/9

Right Out: -0.433+/-0.000 χ^2/NDF : 10411102902.8/16

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

-0.116+/-0.000 χ^2/NDF : 33989807001.6/48

yield_bpm1Y_rms vs slug



Right In: 0.022 ± 0.000 χ^2/NDF : 2323088.8/12

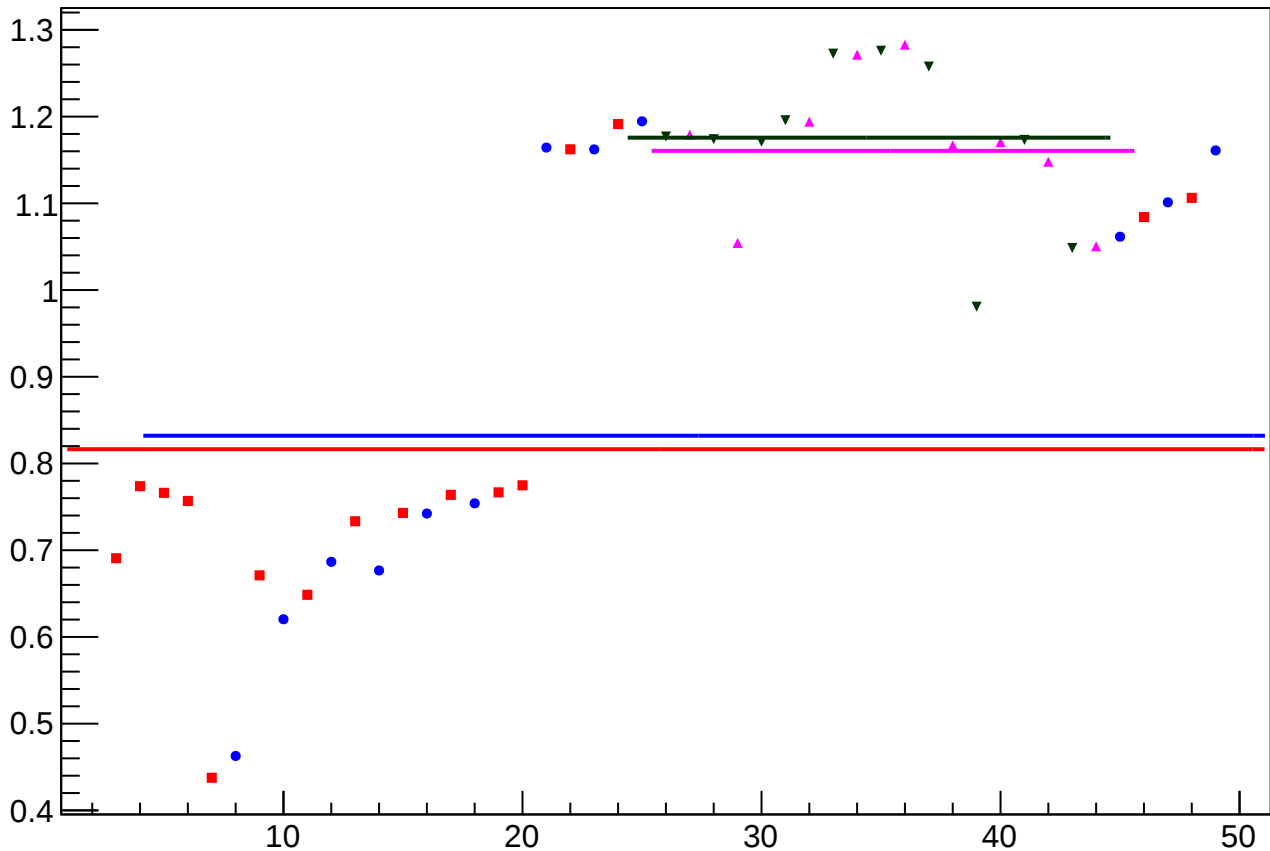
Left Out: 0.066 ± 0.000 χ^2/NDF : 1793503.7/9

Right Out: 0.014 ± 0.000 χ^2/NDF : 3010868.7/16

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

0.018 ± 0.000 χ^2/NDF : 16749031.7/48

yield_bpm11X_mean vs slug



Right In: 0.832 $\pm$ 0.000 χ^2 /NDF: 1103068531.7/11

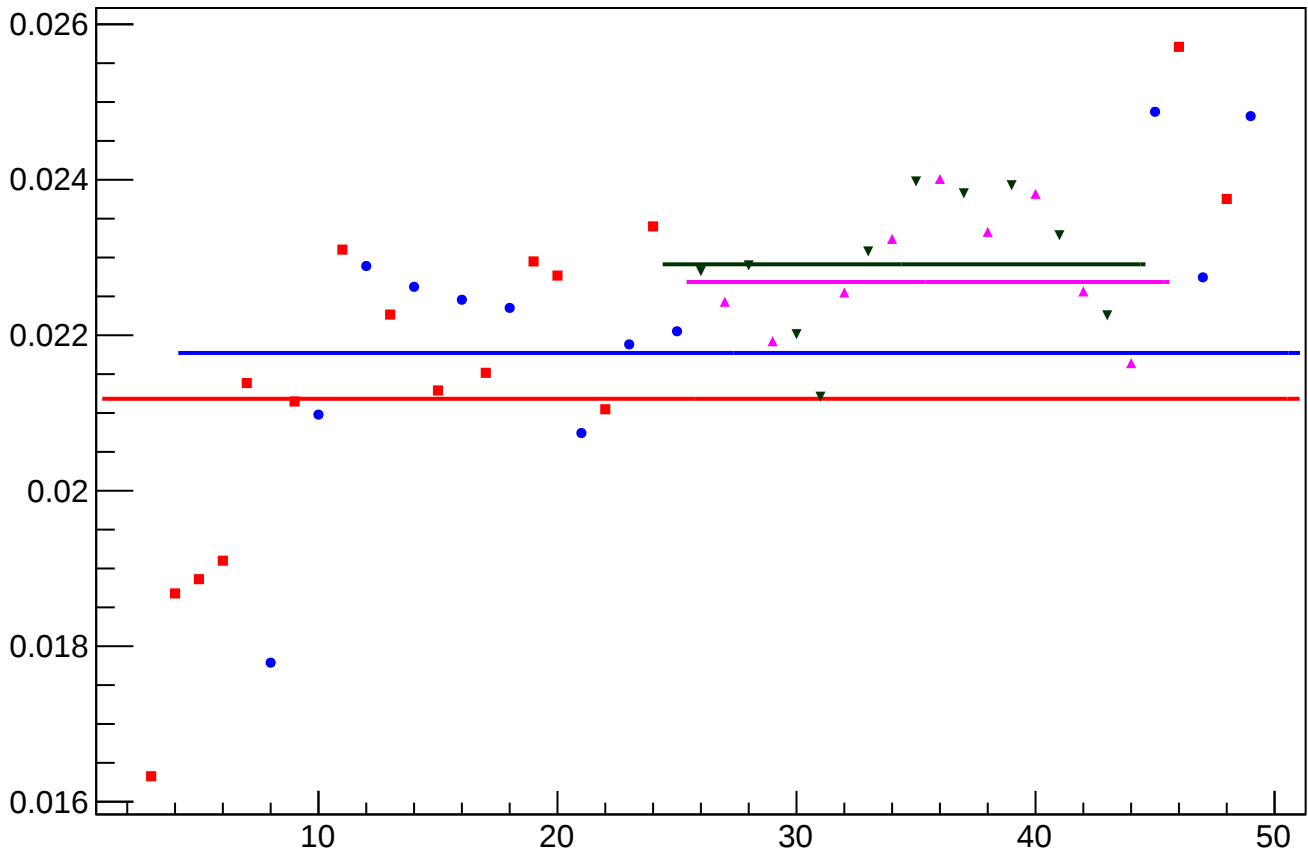
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66957643.7/9

0.958 $\pm$ 0.000 χ^2 /NDF: 3285401363.1/46

Right Out: 0.816 $\pm$ 0.000 χ^2 /NDF: 608571195.7/15

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 : 138353.6/11

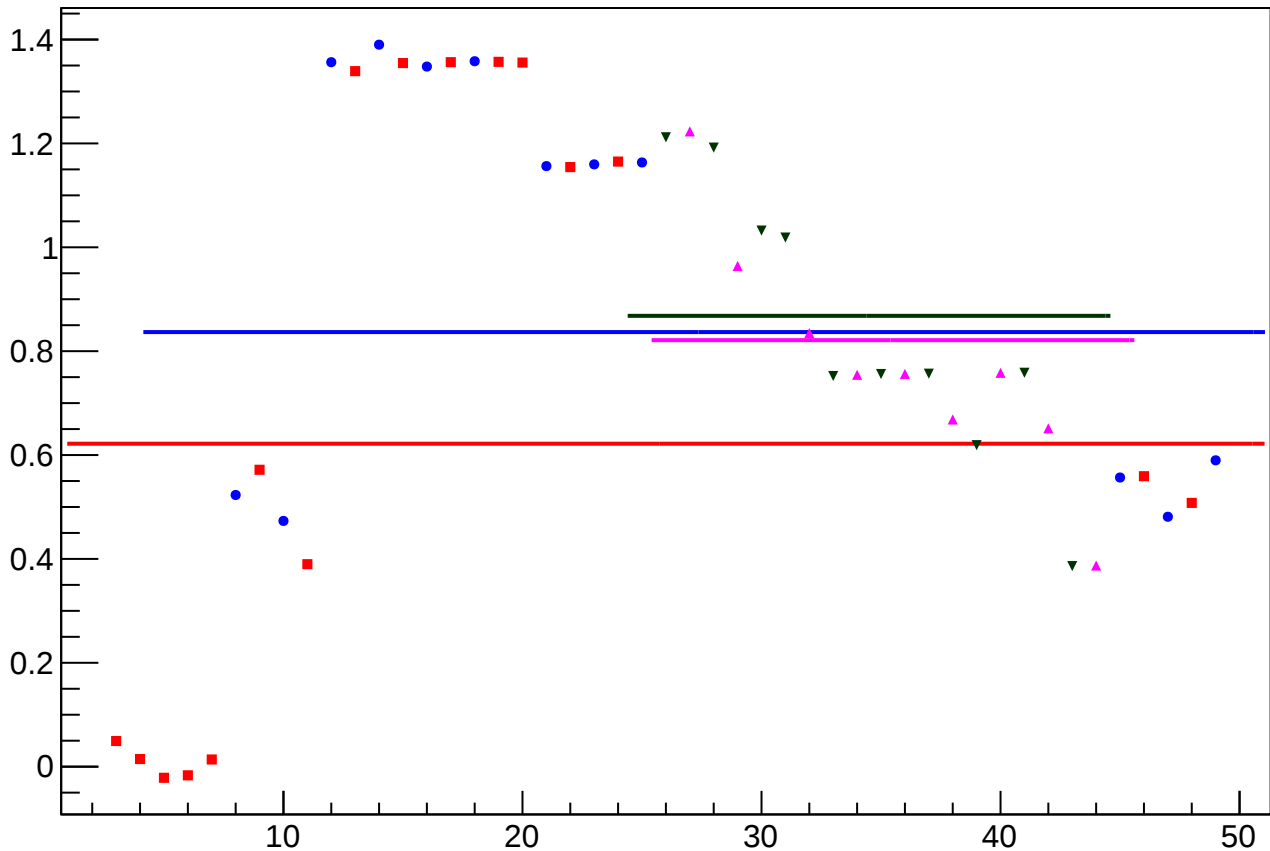
Left Out: 0.023+/-0.000 χ^2/NDF :12595.5/9

0.022+/-0.000 χ^2/NDF : 367178.4/46

Right Out: 0.021+/-0.000 χ^2/NDF : 156848.9/15

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

yield_bpm11Y_mean vs slug



Right In: 0.837 $\pm$ 0.000 χ^2 /NDF: 88289364659.9/11

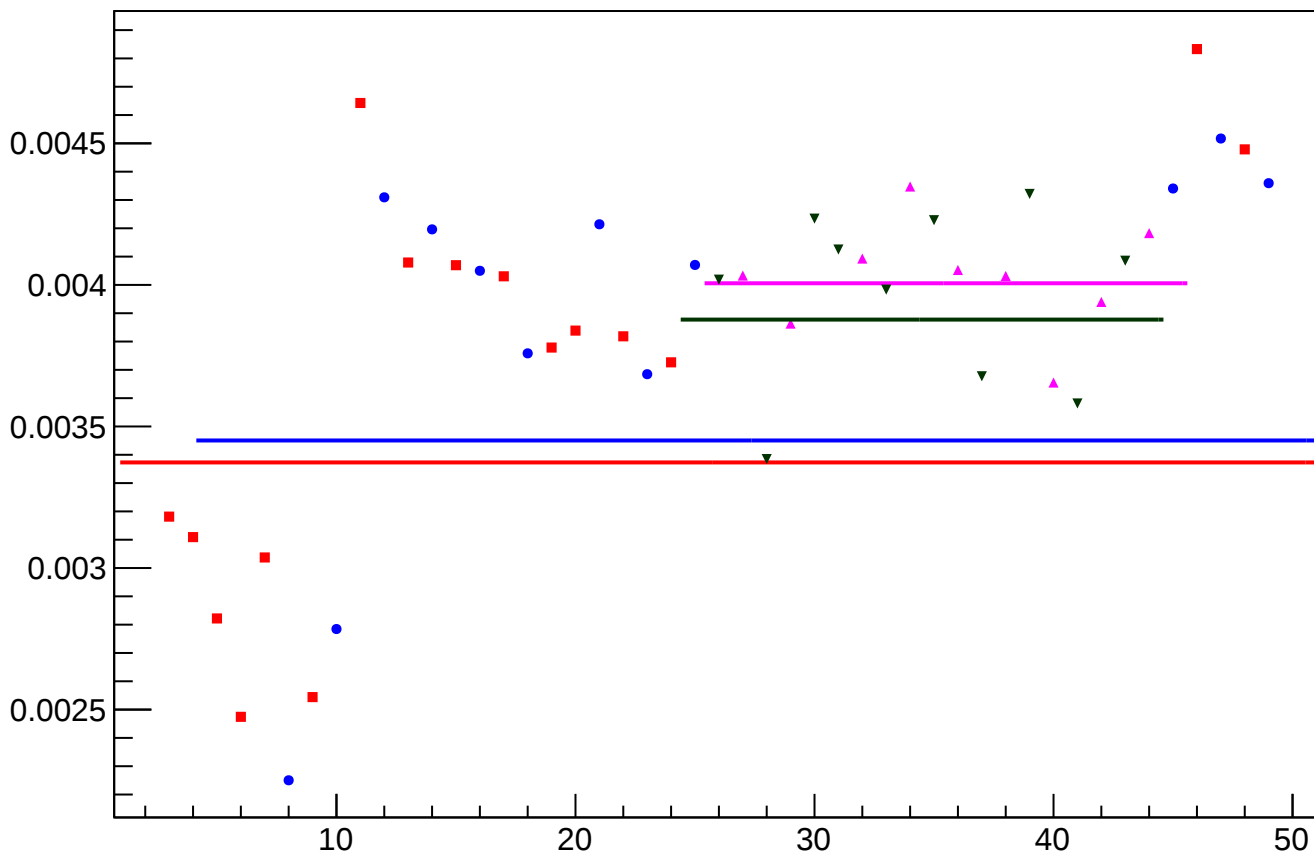
Left Out: 0.868 $\pm$ 0.000 χ^2 /NDF: 20106418581.2/9

0.770 $\pm$ 0.000 χ^2 /NDF: 318232009254.7/46

Right Out: 0.622 $\pm$ 0.000 χ^2 /NDF: 173178768624.9/15

Left In: 0.821 $\pm$ 0.000 χ^2 /NDF: 16932395781.7/8

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 898454.3/11

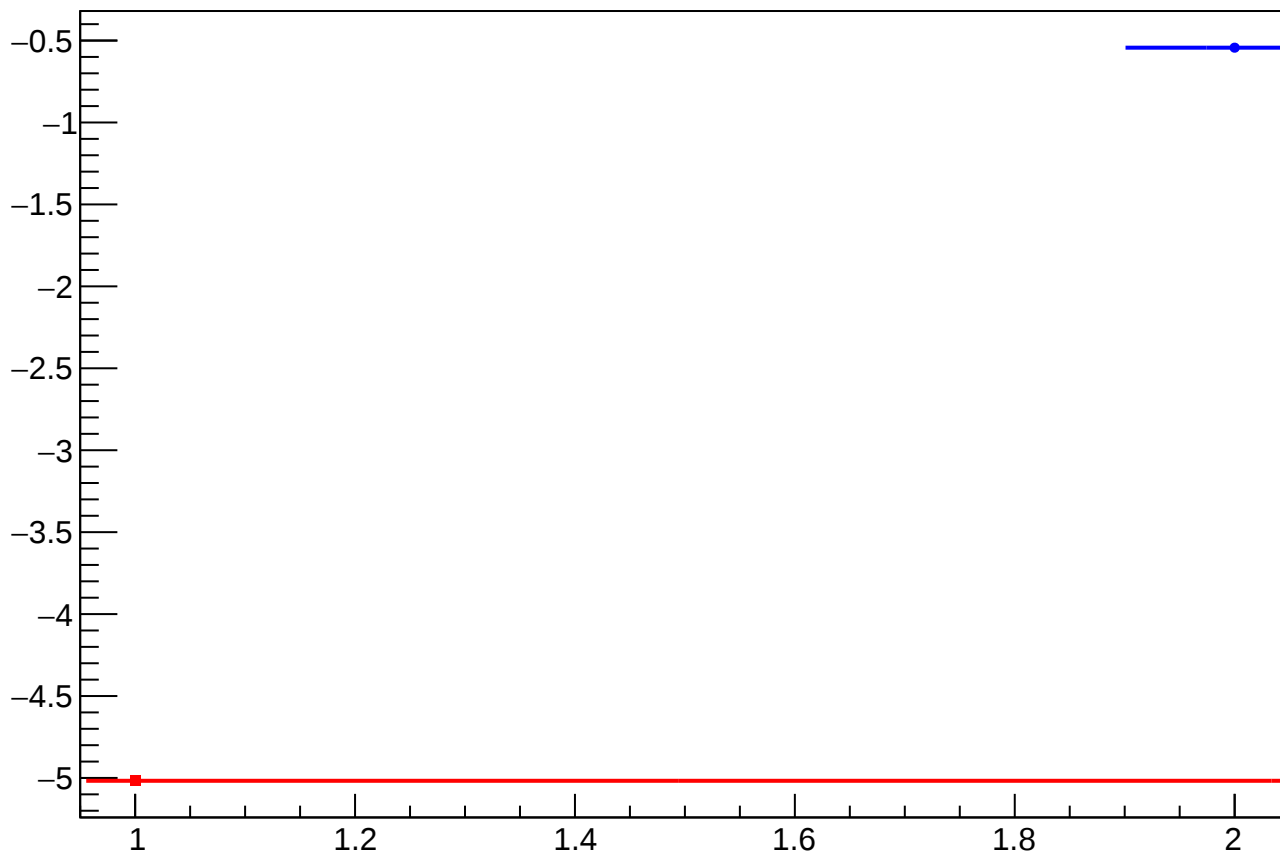
Left Out: 0.004+/-0.000 χ^2/NDF : 65302.6/9

0.004+/-0.000 χ^2/NDF : 1917663.5/46

Right Out: 0.003+/-0.000 χ^2/NDF : 683817.5/15

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

yield_bpm14X_mean vs slug



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

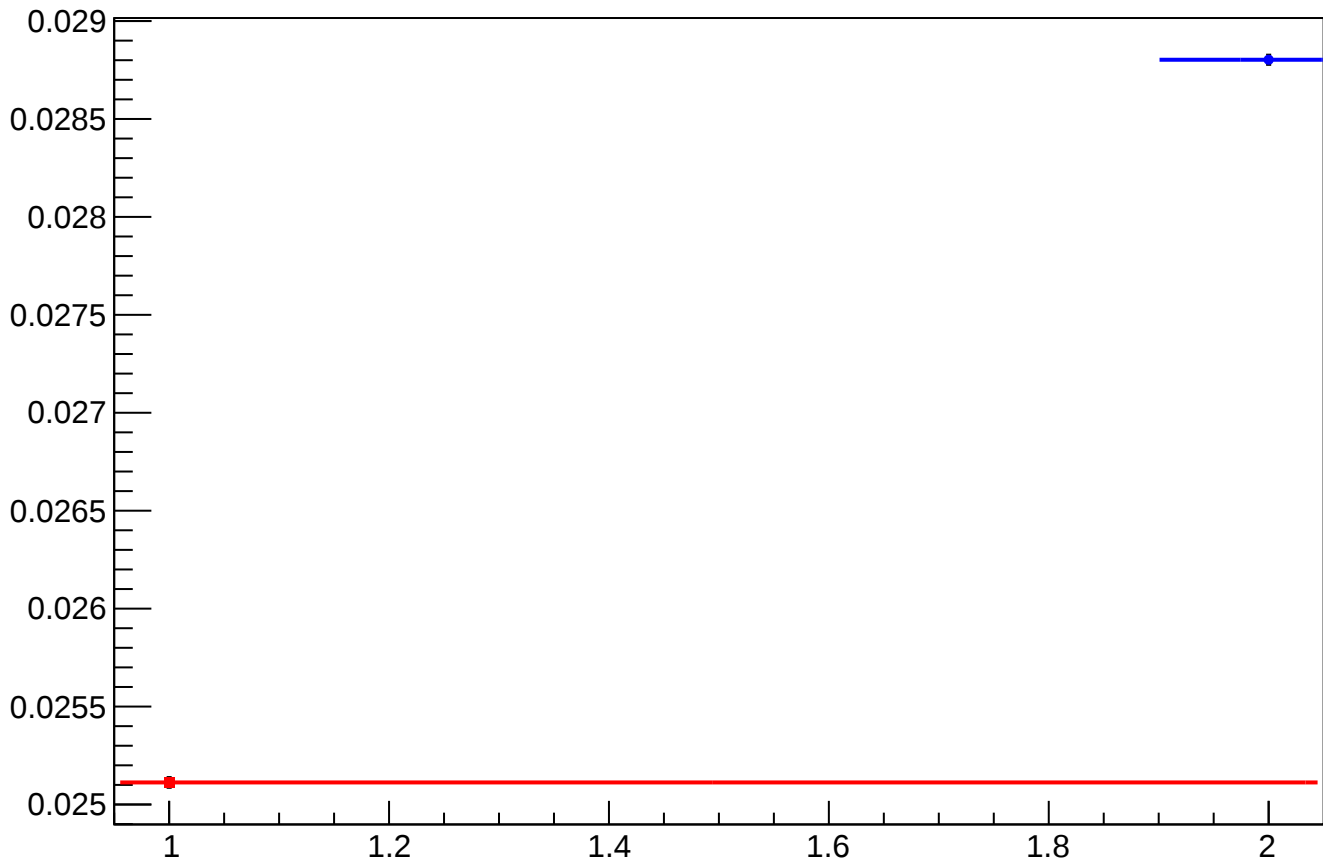
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -5.017+/-0.000 χ^2 /NDF: 0.0/0

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

-2.662+/-0.000 χ^2 /NDF: 7035298574.8/1

yield_bpm14X_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 0.0/0

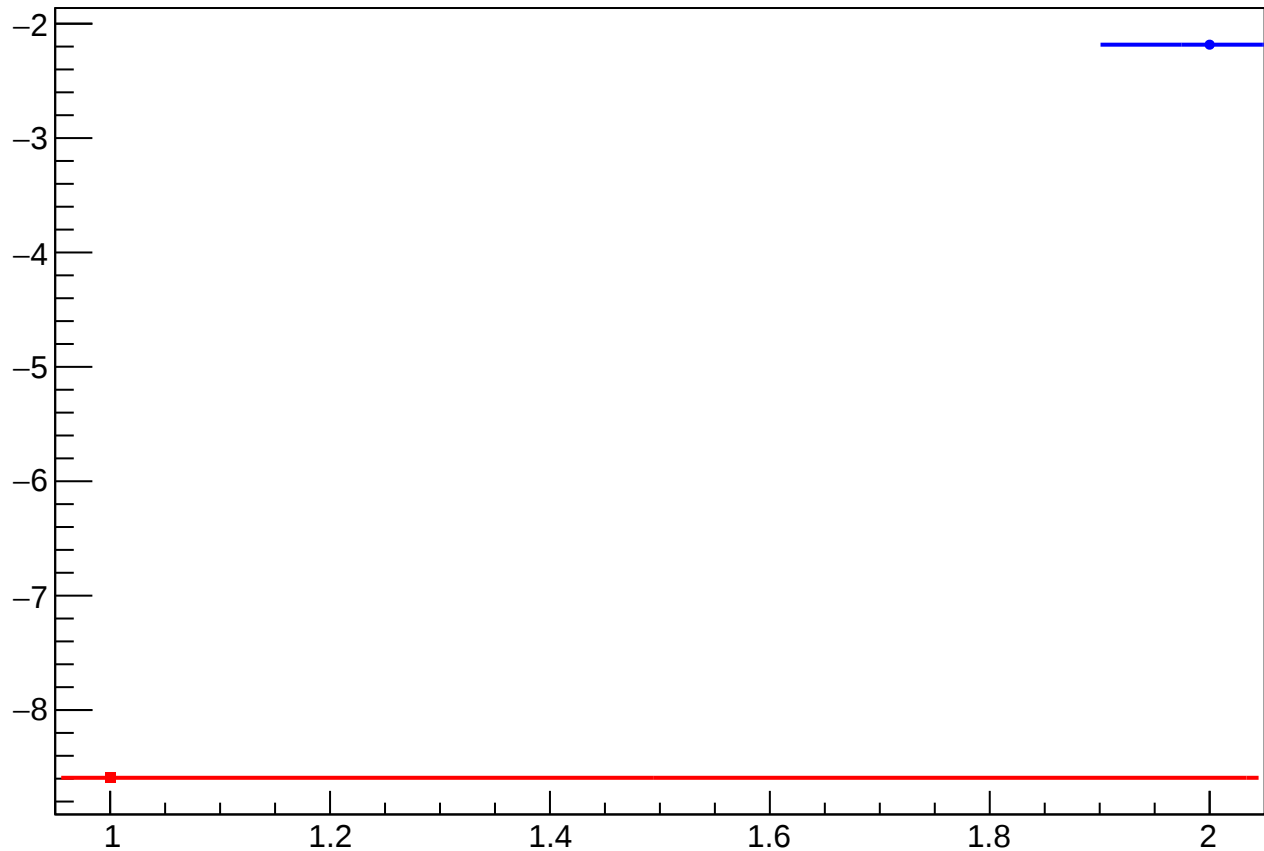
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

0.027+/-0.000 χ^2/NDF : 9570.9/1

yield_bpm14Y_mean vs slug



Right In: -2.183+/-0.000 χ^2 /NDF: 0.0/0

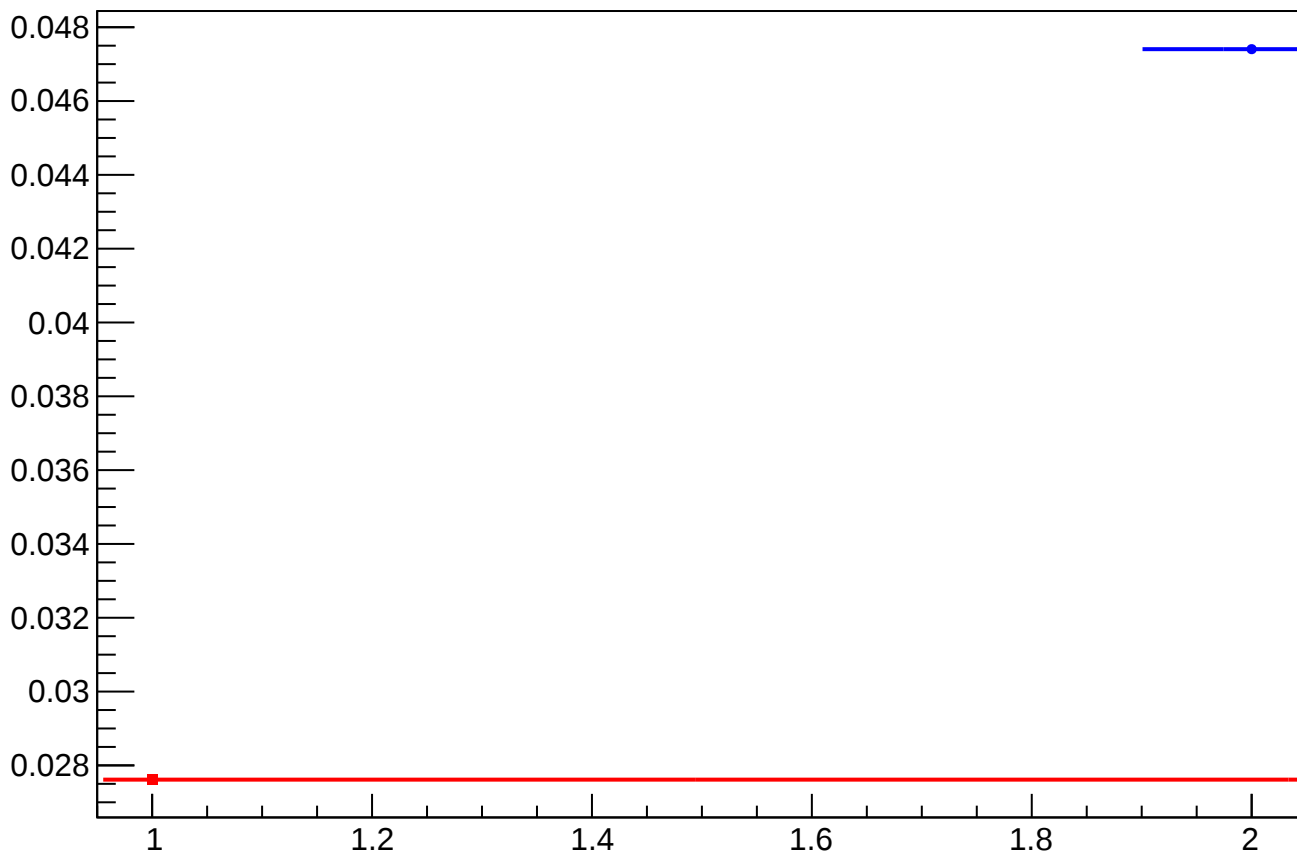
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.592+/-0.000 χ^2 /NDF: 0.0/0

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

-6.176+/-0.000 χ^2 /NDF: 7821070816.7/1

yield_bpm14Y_rms vs slug



Right In: 0.047+/-0.000 χ^2/NDF : 0.0/0

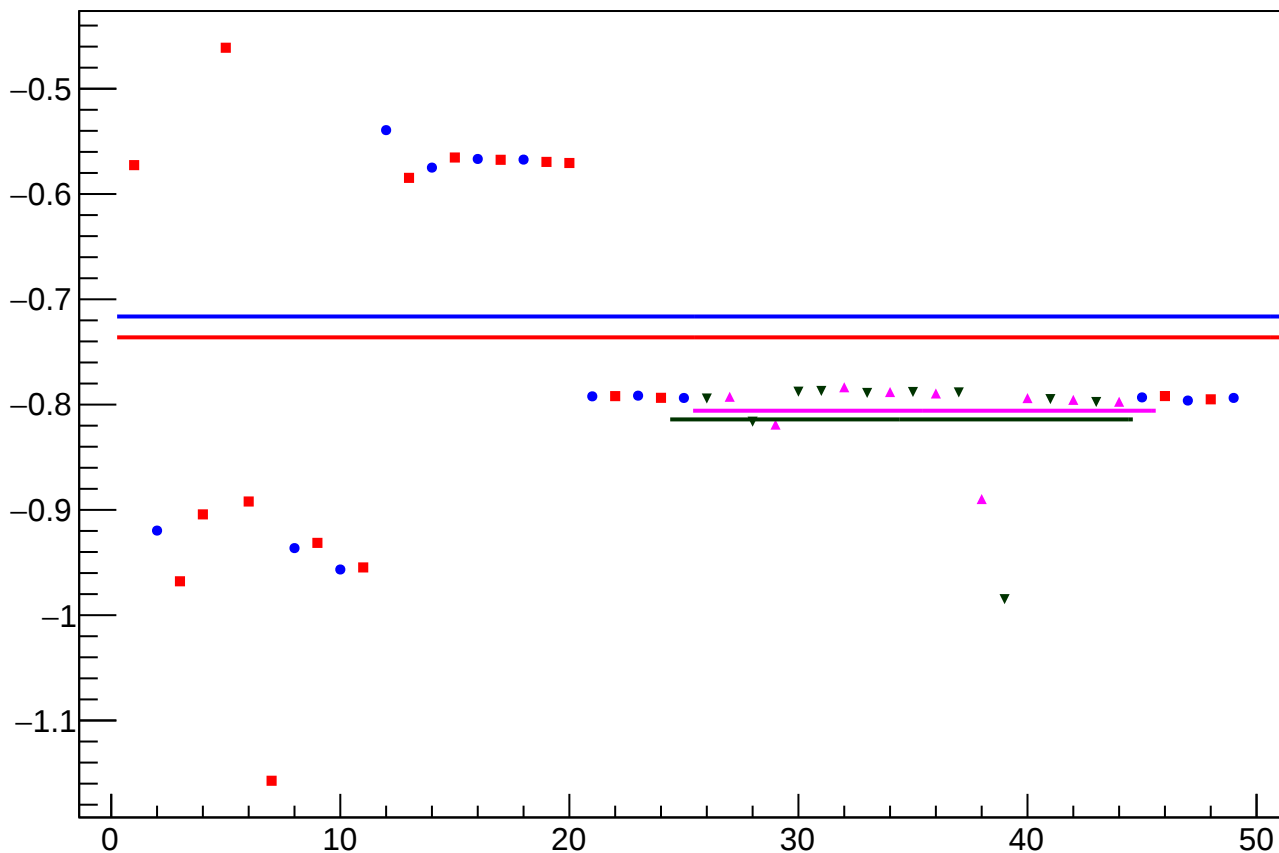
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.035+/-0.000 χ^2/NDF : 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.716+/-0.000 χ^2/NDF : 2039360596.9/12

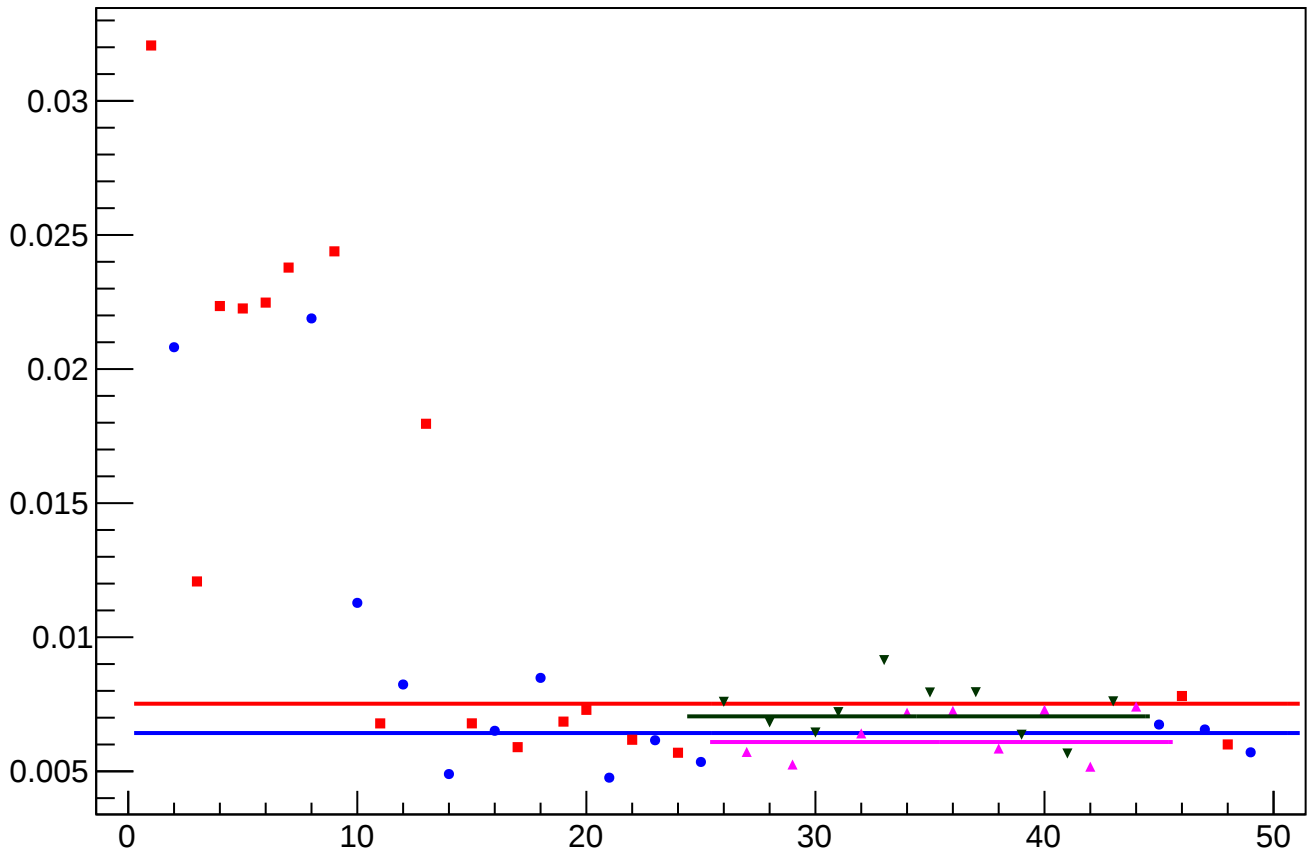
Left Out: -0.814+/-0.000 χ^2/NDF : 256464104.9/9

Right Out: -0.736+/-0.000 χ^2/NDF : 1918288510.9/16

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

-0.762+/-0.000 χ^2/NDF : 5068804572.4/48

yield_bpm12X_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 2178581.2/12

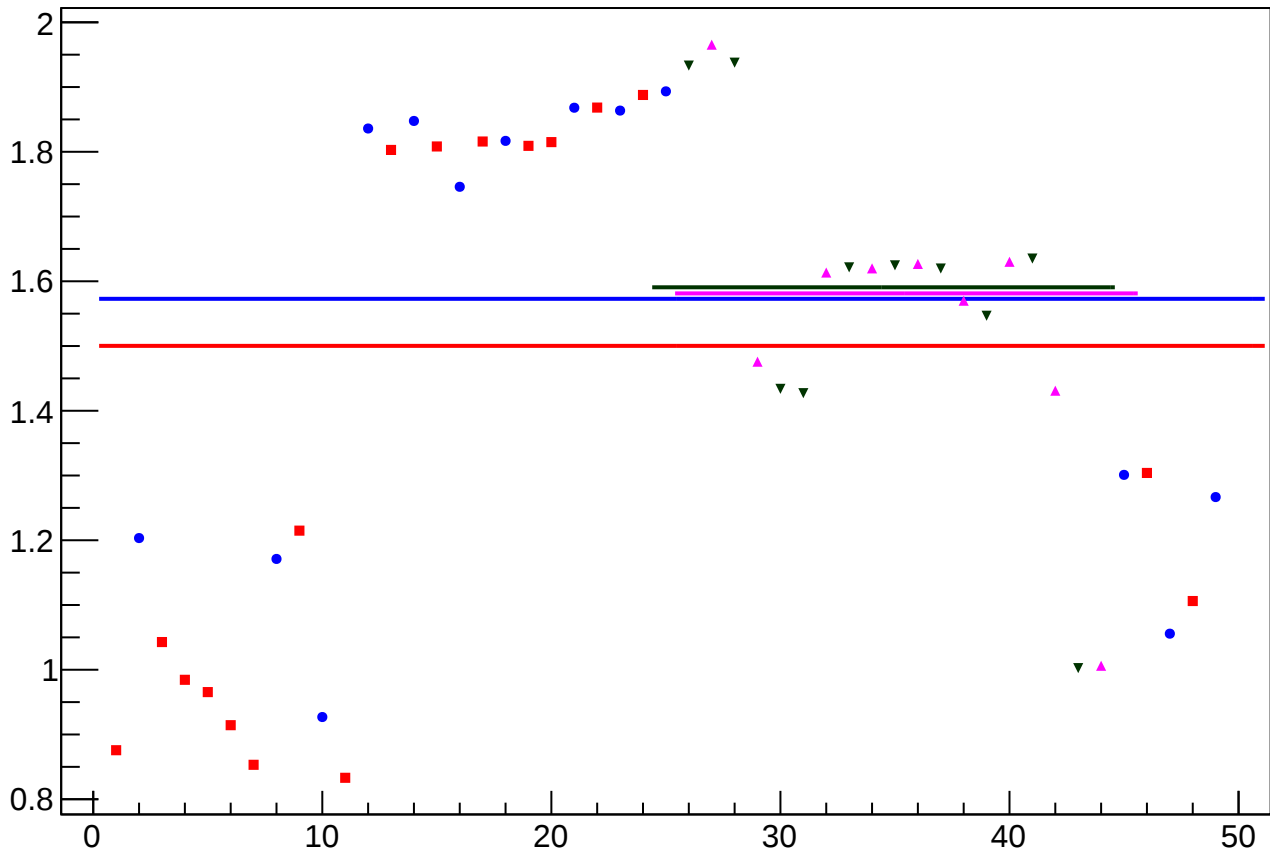
Left Out: 0.007+/-0.000 χ^2/NDF :135734.7/9

0.007+/-0.000 χ^2/NDF : 5750702.0/48

Right Out: 0.008+/-0.000 χ^2/NDF : 3053651.3/16

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

yield_bpm12Y_mean vs slug



Right In: 1.573 ± 0.000 χ^2/NDF : 17933245479.8/12

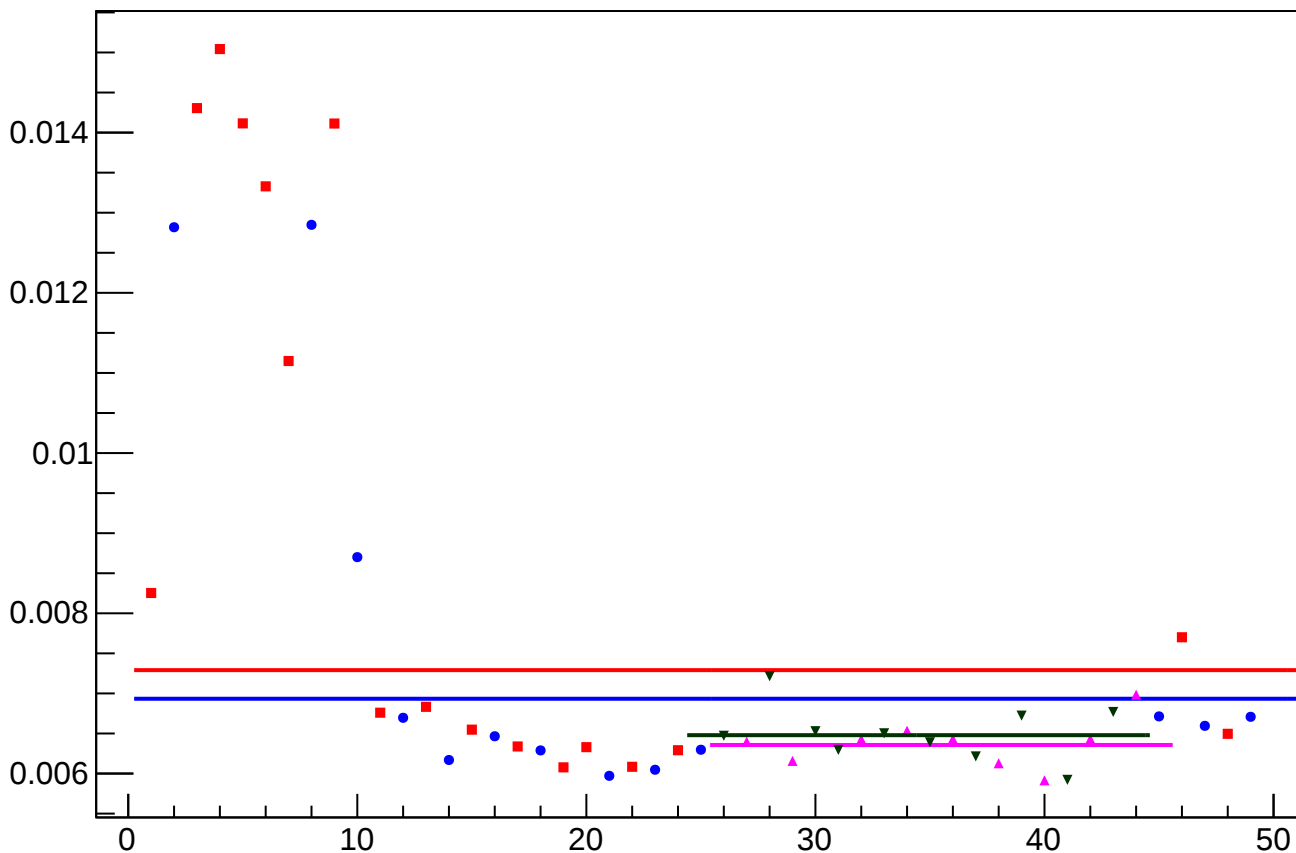
Left Out: 1.591 ± 0.000 χ^2/NDF : 6915023790.1/9

1.561 ± 0.000 χ^2/NDF : 54801808794.3/48

Right Out: 1.500 ± 0.000 χ^2/NDF : 22558004722.3/16

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 : 848581.9/12

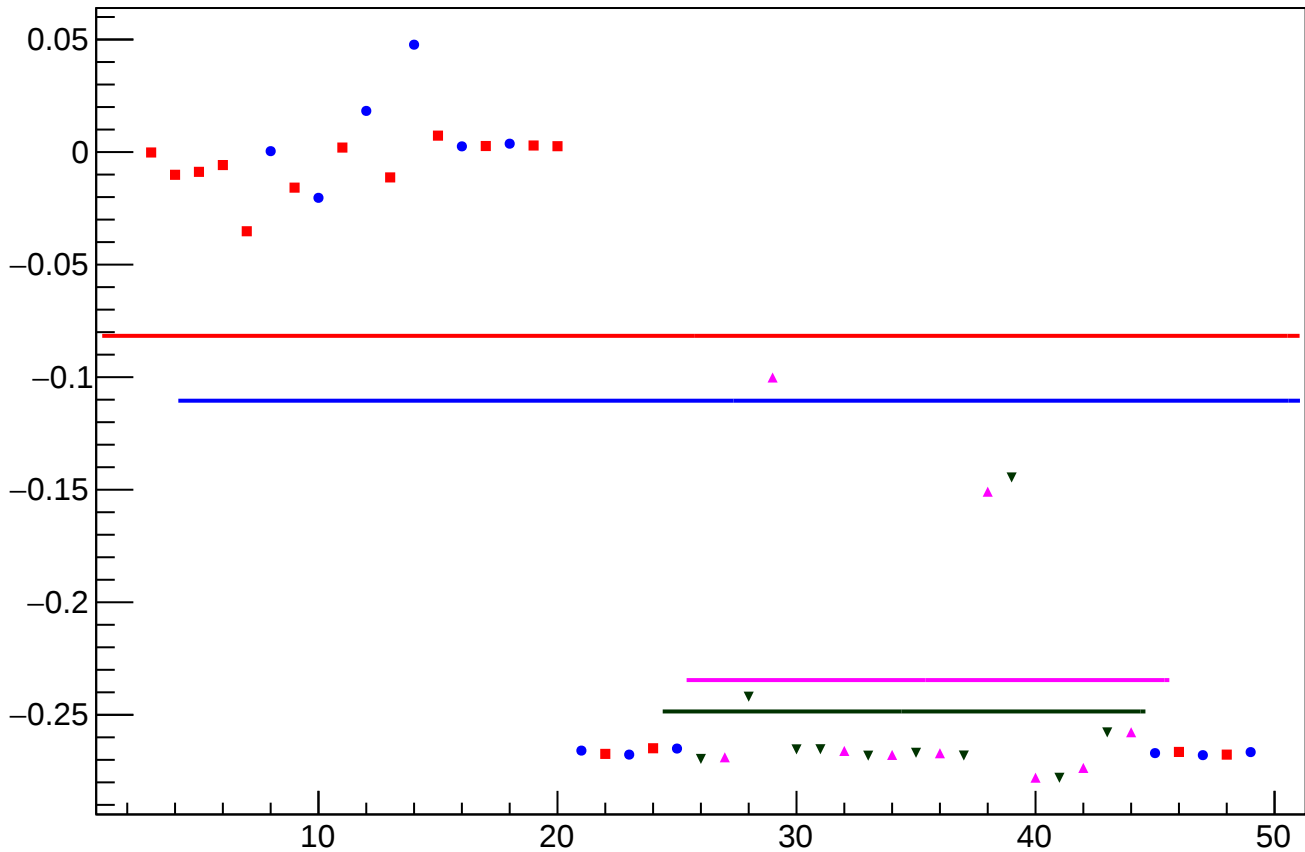
Left Out: 0.006+/-0.000 χ^2/NDF : 27614.9/9

Right Out: 0.007+/-0.000 χ^2/NDF : 1220077.1/16

Left In: 0.006+/-0.000 χ^2/NDF : 17003.9/8

0.007+/-0.000 χ^2/NDF : 2252586.8/48

yield_bpm16X_mean vs slug



Right In: -0.110 ± 0.000 χ^2/NDF : 5667190664.8/11

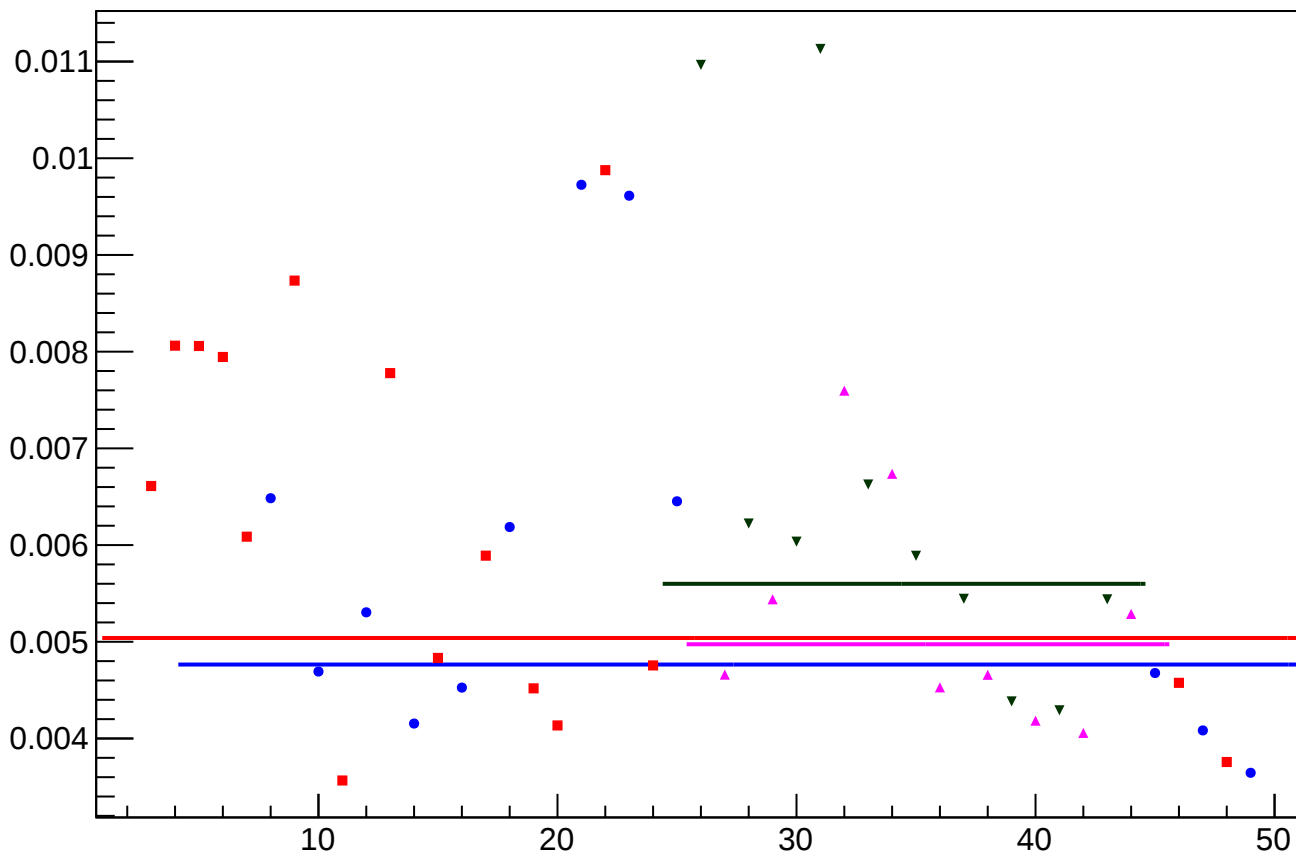
Left Out: -0.249 ± 0.000 χ^2/NDF : 259520156.5/9

Right Out: -0.082 ± 0.000 χ^2/NDF : 3609287110.5/15

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

-0.153 ± 0.000 χ^2/NDF : 14624216927.0/46

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 962469.9/11

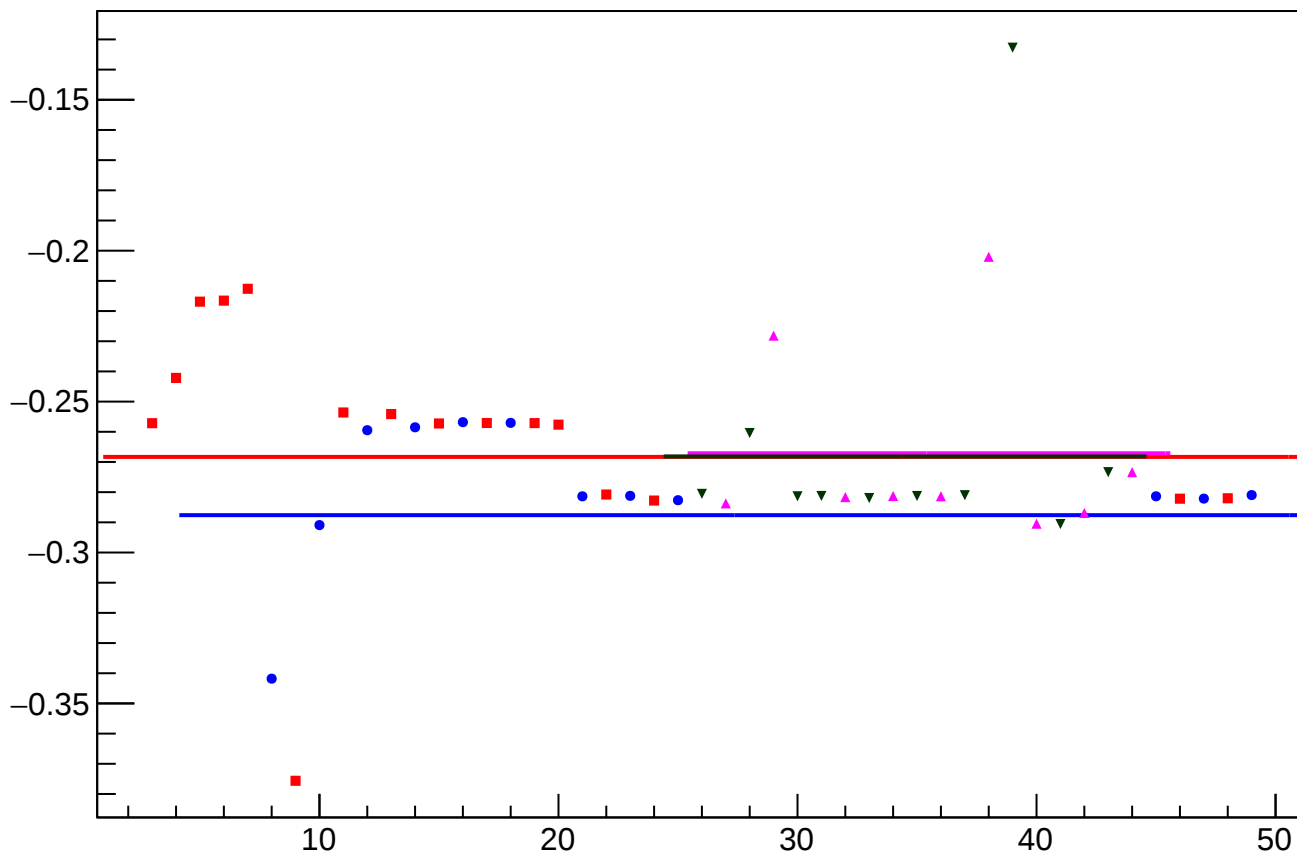
Left Out: 0.006+/-0.000 χ^2/NDF : 602668.6/9

0.005+/-0.000 χ^2/NDF : 3382105.2/46

Right Out: 0.005+/-0.000 χ^2/NDF : 1322416.6/15

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

yield_bpm16Y_mean vs slug



Right In: -0.288 ± 0.000 χ^2/NDF : 958973511.3/11

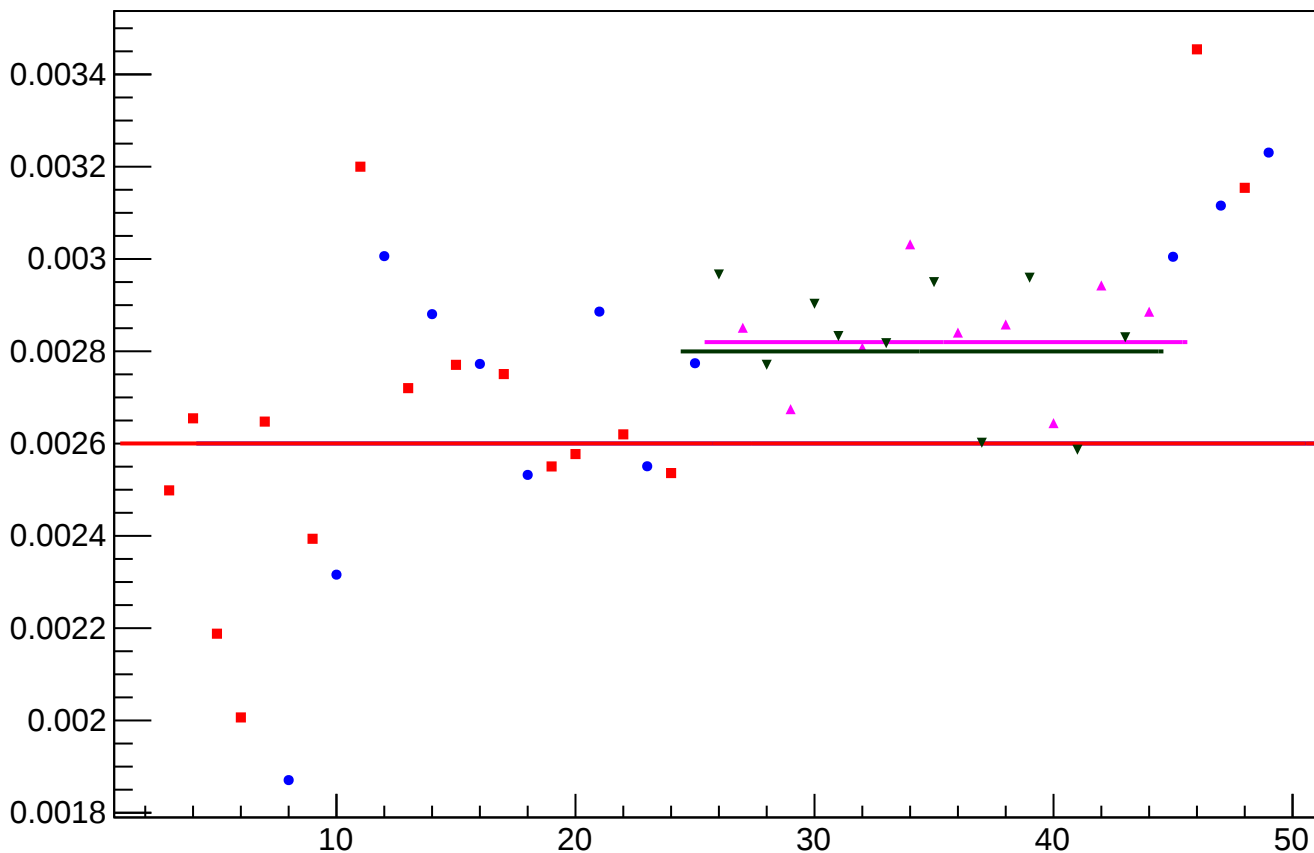
Left Out: -0.268 ± 0.000 χ^2/NDF : 960541280.3/9

Right Out: -0.268 ± 0.000 χ^2/NDF : 2066786638.0/15

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

-0.274 ± 0.000 χ^2/NDF : 4826884391.7/46

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 434398.6/11

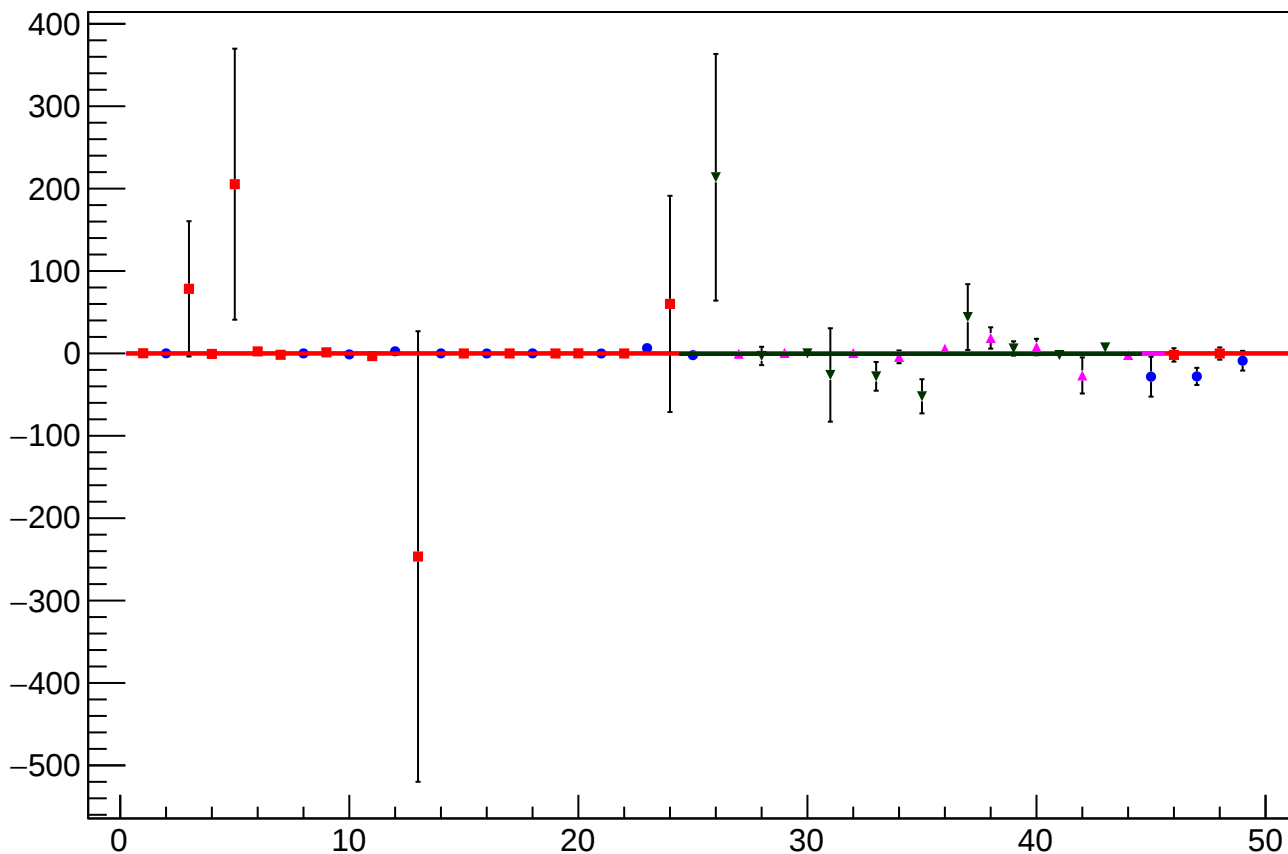
Left Out: 0.003+/-0.000 χ^2/NDF : 23634.3/9

Right Out: 0.003+/-0.000 χ^2/NDF : 257081.1/15

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

0.003+/-0.000 χ^2/NDF : 803289.7/46

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 27.0/12

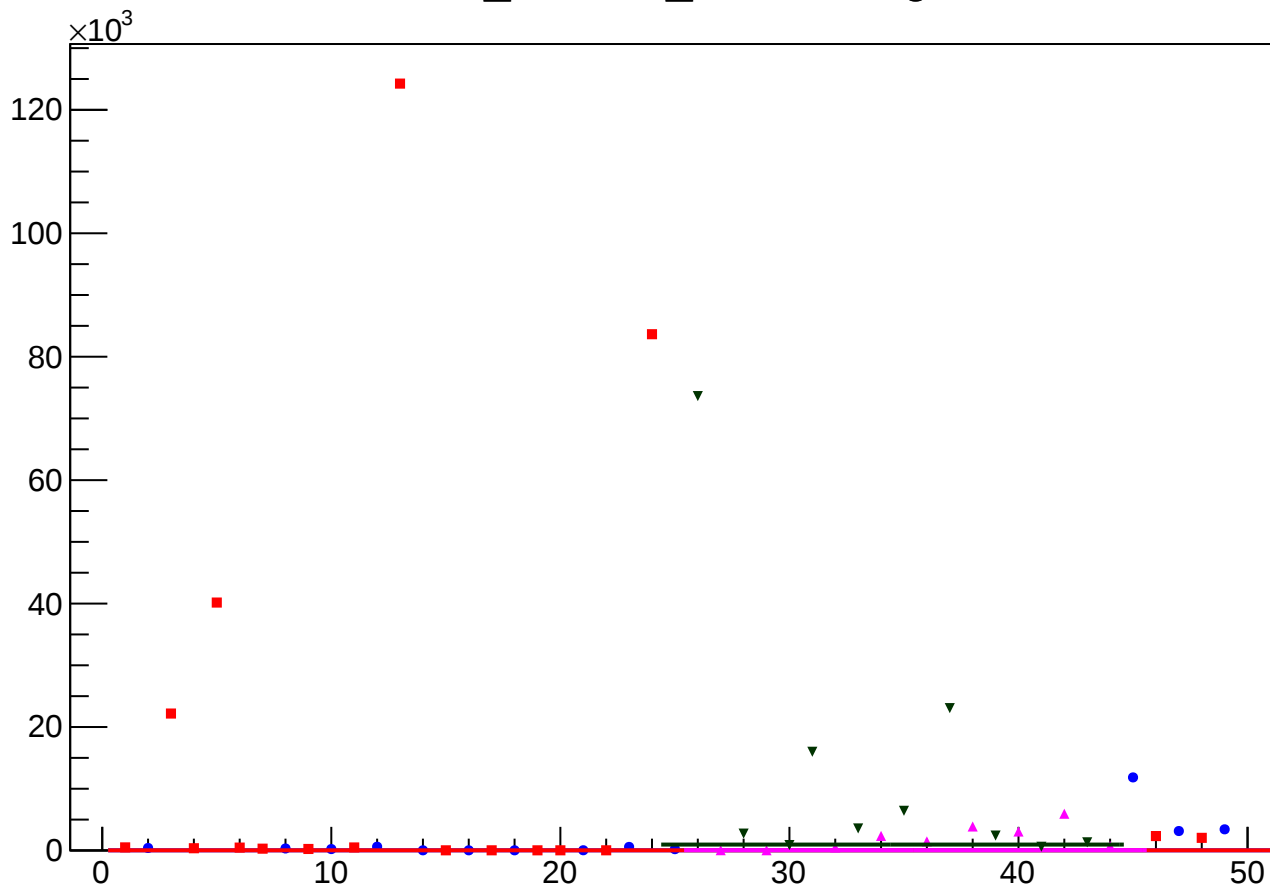
Left Out: -0.739 ± 1.551 χ^2/NDF : 15.8/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 22.0/16

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

-0.013 ± 0.011 χ^2/NDF : 81.3/48

diff_cav4bX_rms vs slug



Right In: 22.472 $\pm$ 0.011 χ^2 /NDF: 1582725.9/12

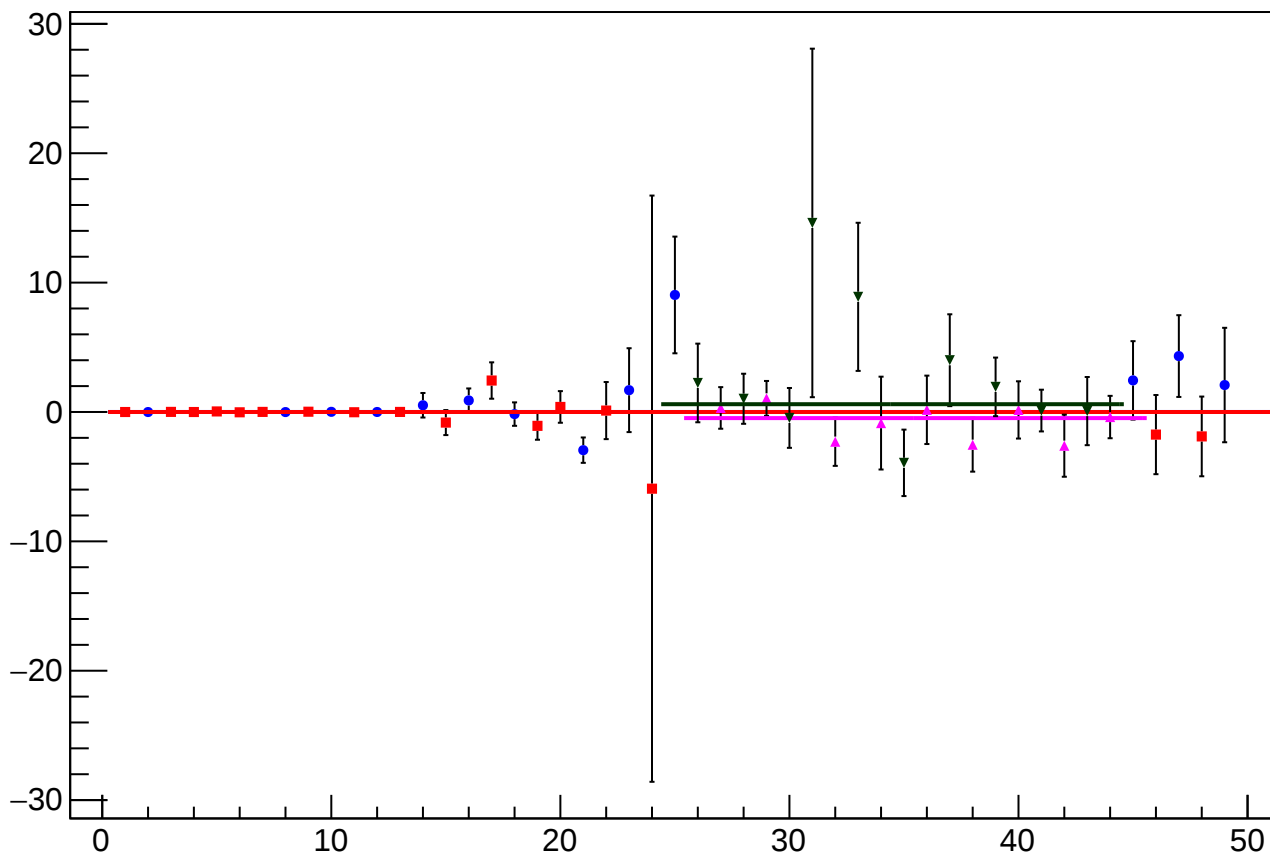
Left Out: 952.852 $\pm$ 1.097 χ^2 /NDF: 1588574.2/9

22.880 $\pm$ 0.008 χ^2 /NDF: 7971797.6/48

Right Out: 22.885 $\pm$ 0.012 χ^2 /NDF: 2401670.7/16

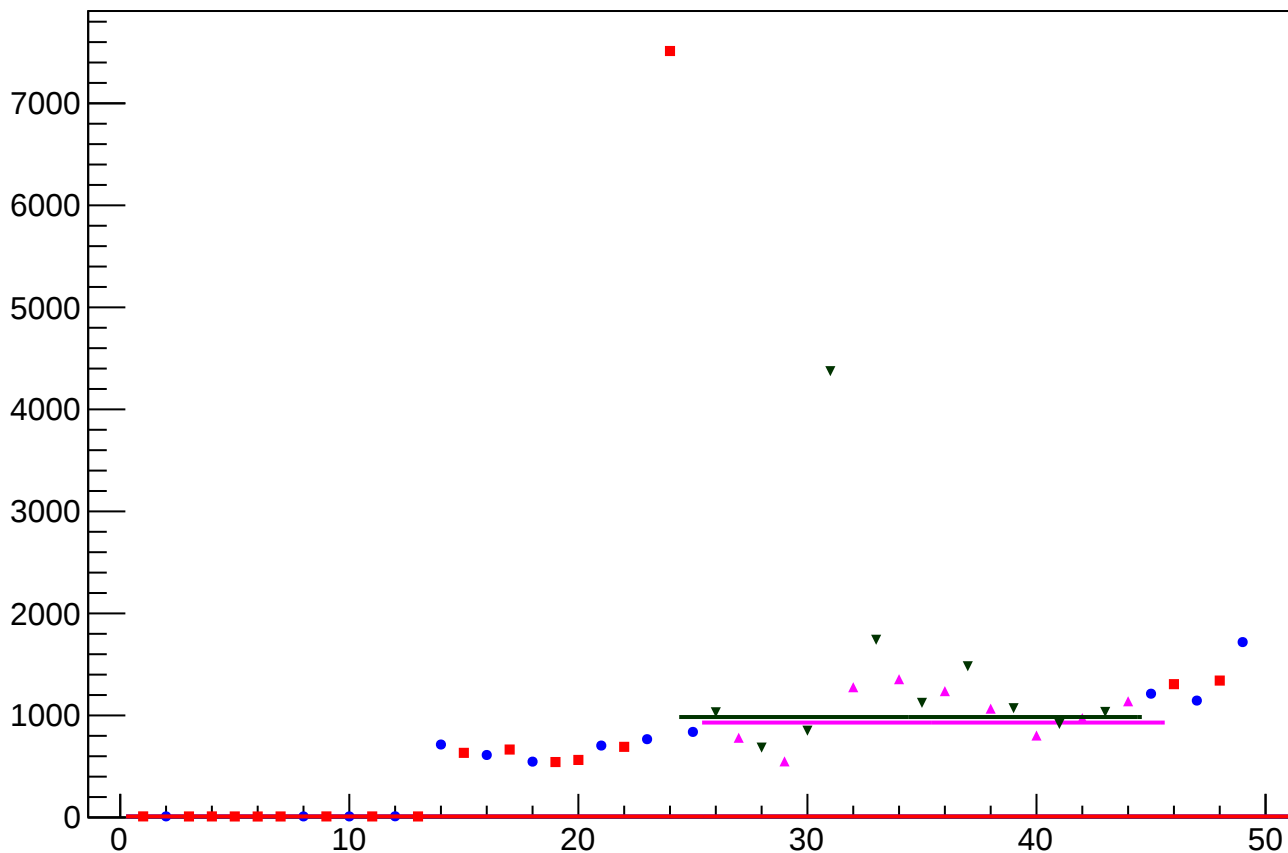
Left In: 61.509 $\pm$ 0.119 χ^2 /NDF: 1573017.7/8

diff_cav4bY_mean vs slug



-0.001 $\pm$ 0.004 χ^2 /NDF: 50.9/48

diff_cav4bY_rms vs slug



Right In: 10.609+/-0.004 χ^2/NDF : 4711957.2/12

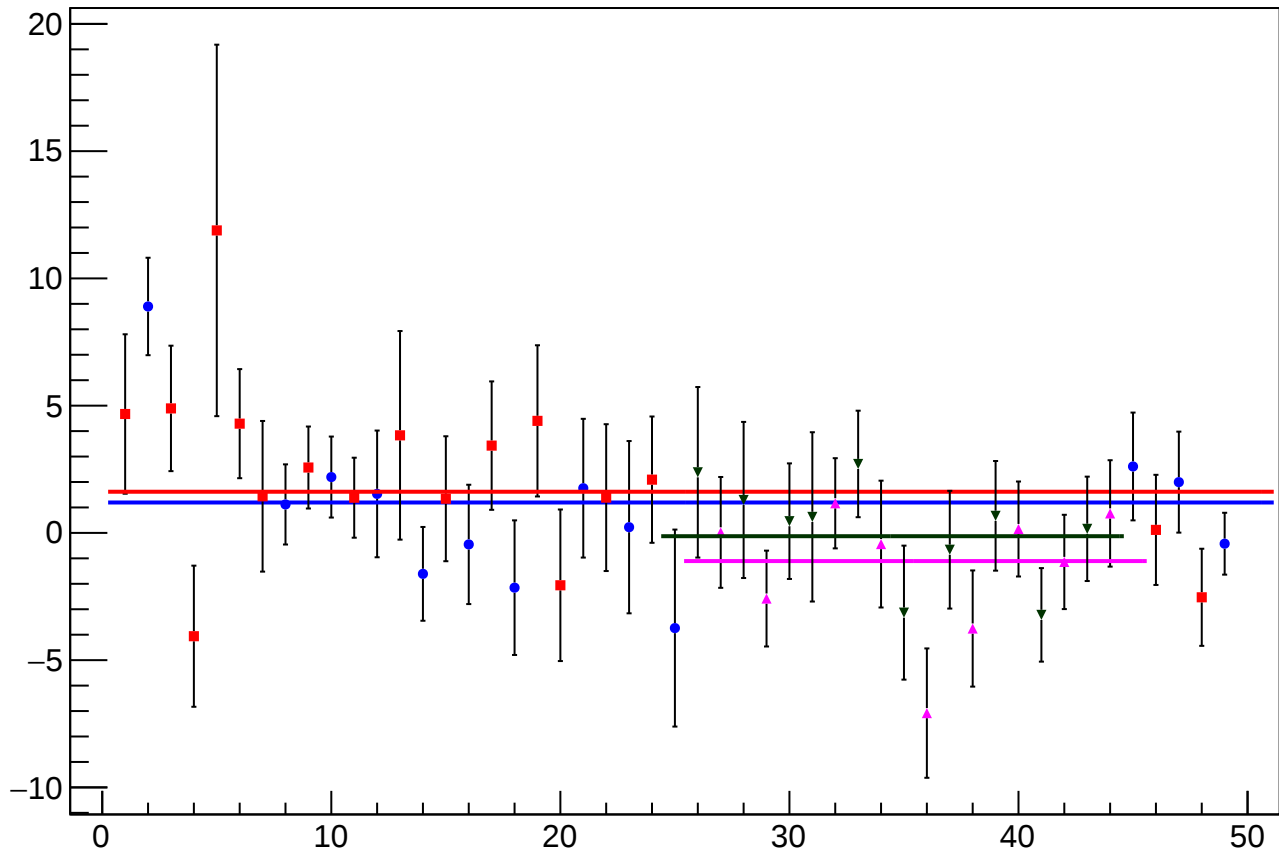
Left Out: 984.448+/-0.567 χ^2/NDF : 269152.2/9

Right Out: 9.970+/-0.003 χ^2/NDF : 3322799.3/16

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

10.284+/-0.003 χ^2/NDF : 15719023.6/48

diff_cav4cX_mean vs slug



Right In: 1.195 ± 0.551 χ^2/NDF : 25.1/12

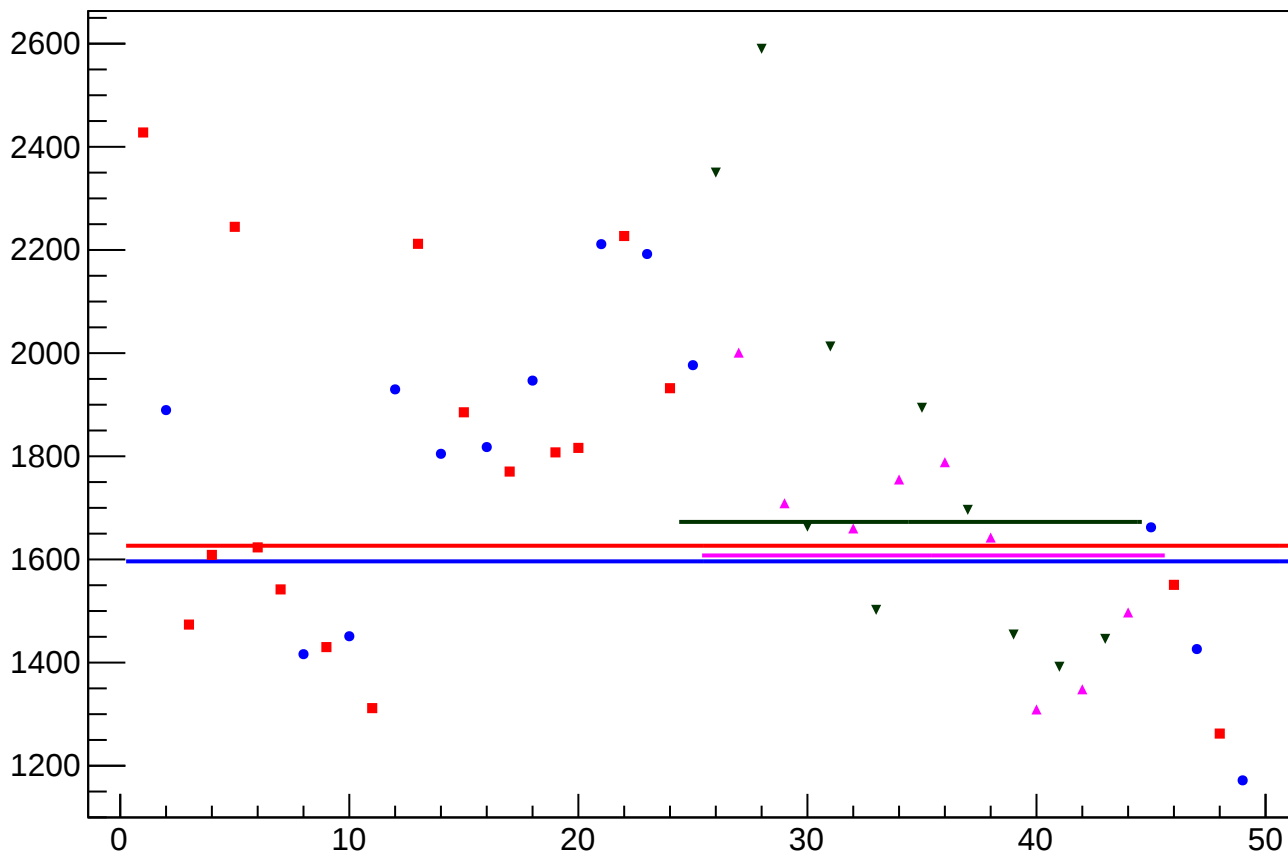
Left Out: -0.130 ± 0.748 χ^2/NDF : 7.1/9

Right Out: 1.618 ± 0.585 χ^2/NDF : 19.3/16

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

0.599 ± 0.314 χ^2/NDF : 73.6/48

diff_cav4cX_rms vs slug



Right In: 1596.280 $\pm$ 0.390 χ^2 /NDF: 648051.8/12

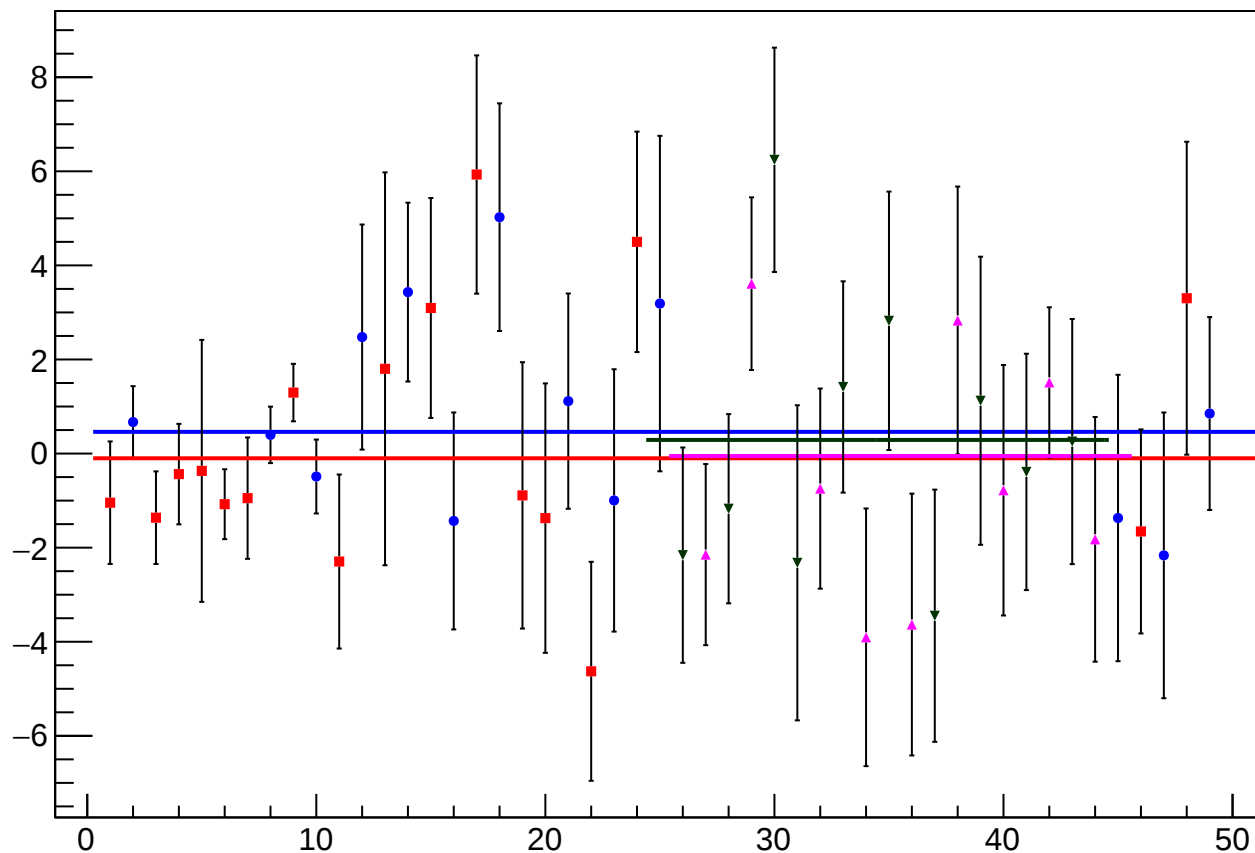
Left Out: 1672.764 $\pm$ 0.529 χ^2 /NDF: 400876.3/9

Right Out: 1626.574 $\pm$ 0.414 χ^2 /NDF: 542035.2/16

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

1620.918 $\pm$ 0.222 χ^2 /NDF: 1791853.5/48

diff_cav4cY_mean vs slug



Right In: 0.462 ± 0.358 χ^2/NDF : 11.0/12

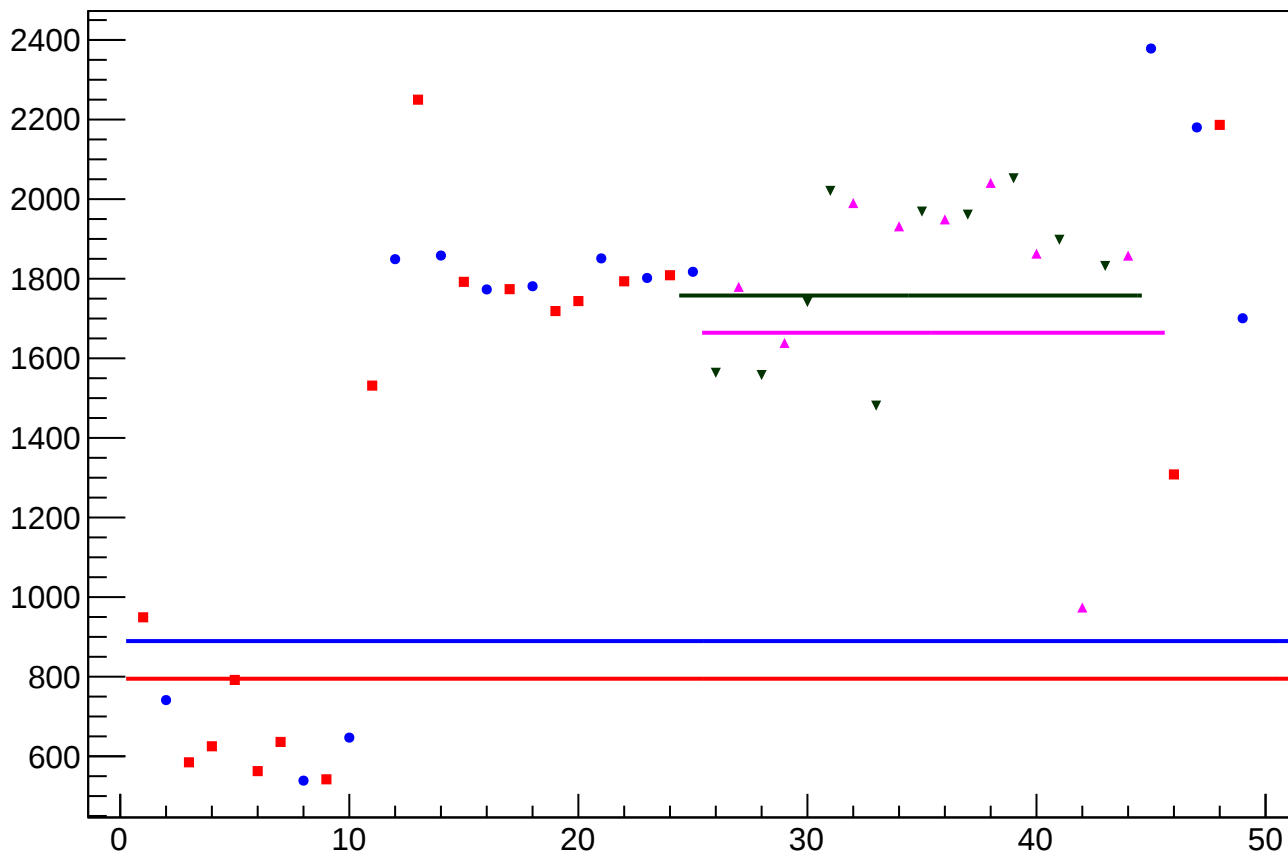
Left Out: 0.290 ± 0.794 χ^2/NDF : 11.7/9

Right Out: -0.100 ± 0.327 χ^2/NDF : 28.3/16

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

0.147 ± 0.221 χ^2/NDF : 63.9/48

diff_cav4cY_rms vs slug



Right In: 889.496+/-0.253 χ^2/NDF : 4211985.7/12

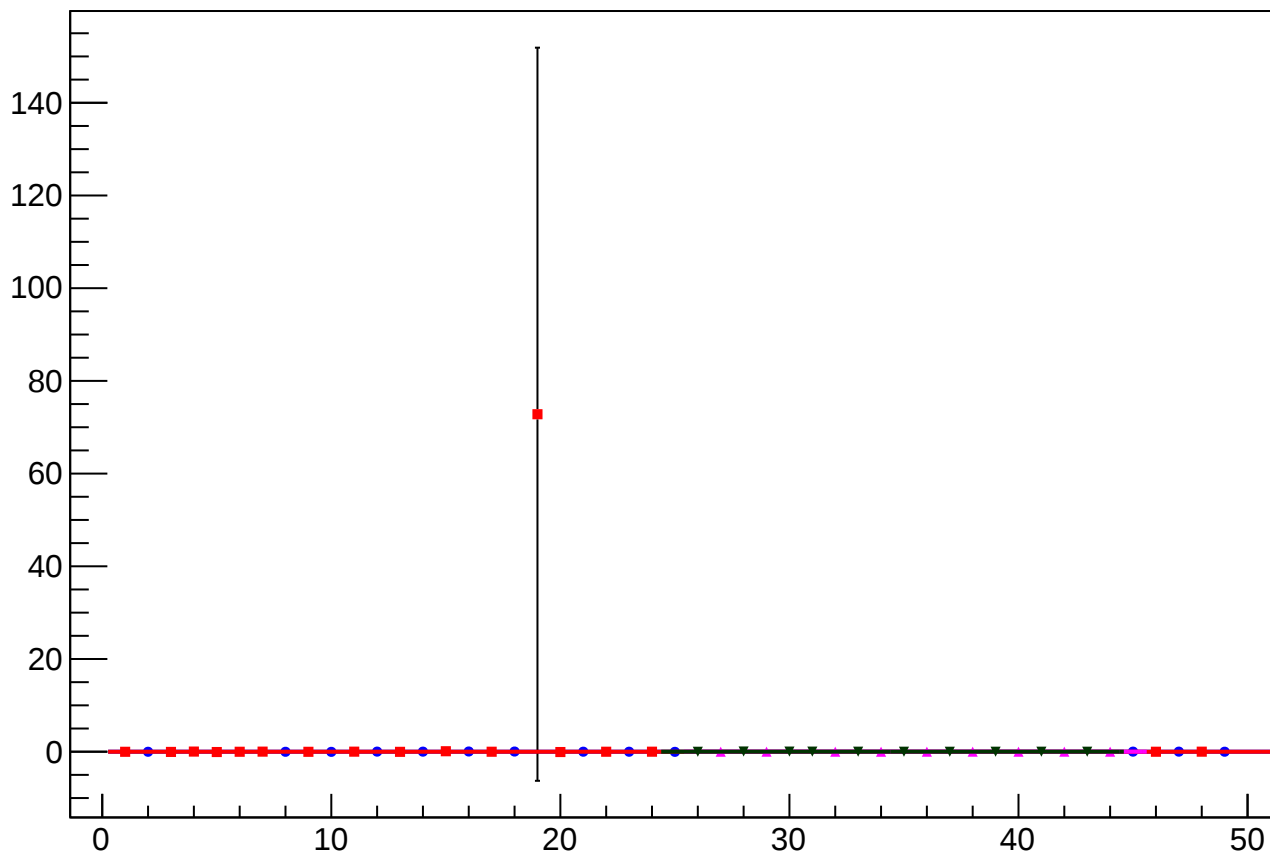
Left Out: 1757.817+/-0.562 χ^2/NDF : 126542.7/9

Right Out: 794.906+/-0.232 χ^2/NDF : 3598868.5/16

Left In: 1664.274+/-0.519 χ^2/NDF : 526261.8/8

983.524+/-0.156 χ^2/NDF : 12885952.3/48

diff_cav4dX_mean vs slug



Right In: 0.001 $\pm$ 0.005 χ^2 /NDF: 10.1/12

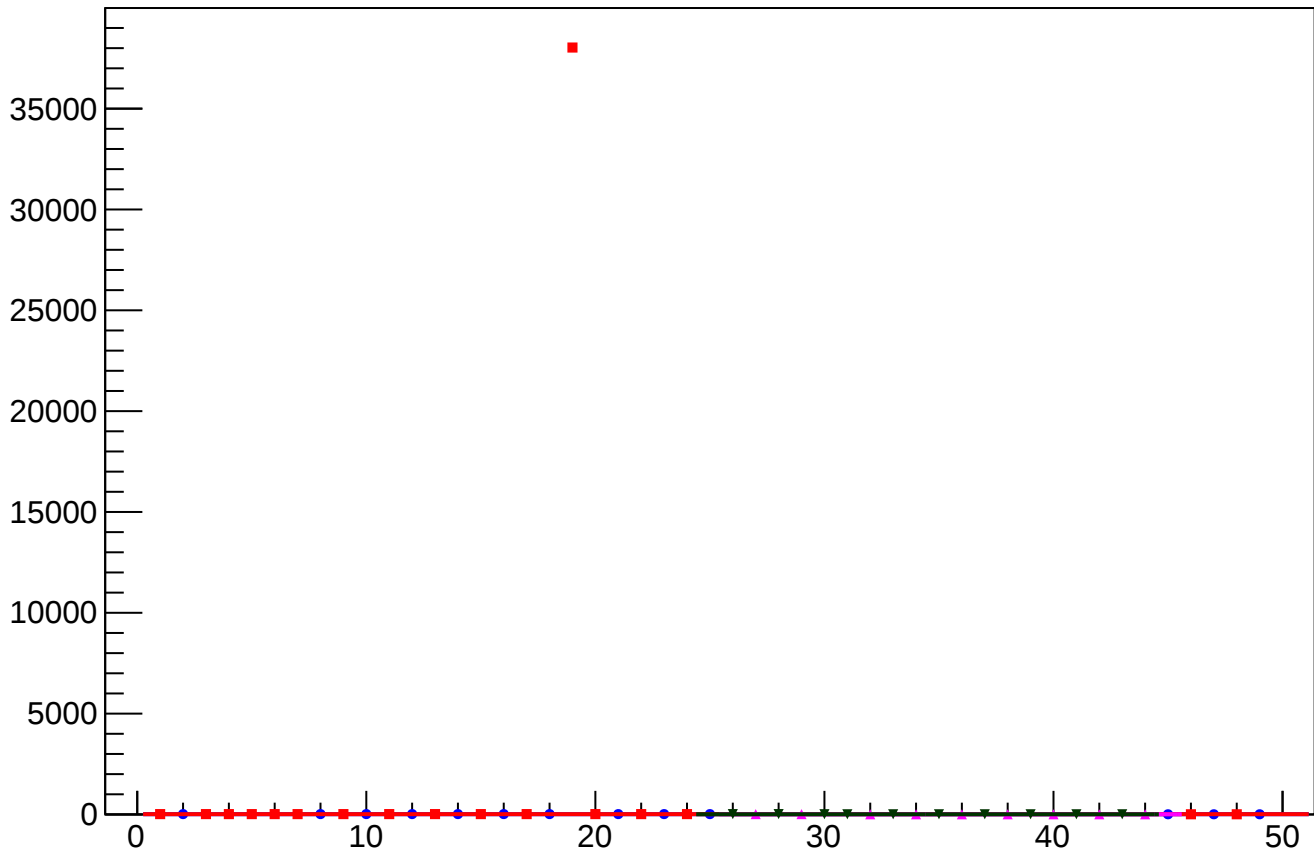
Left Out: 0.000 $\pm$ 0.004 χ^2 /NDF: 8.9/9

Right Out: -0.006 $\pm$ 0.006 χ^2 /NDF: 11.9/16

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

0.000 $\pm$ 0.002 χ^2 /NDF: 34.0/48

diff_cav4dX_rms vs slug



Right In: 12.295+/-0.003 χ^2/NDF : 1605799.7/12

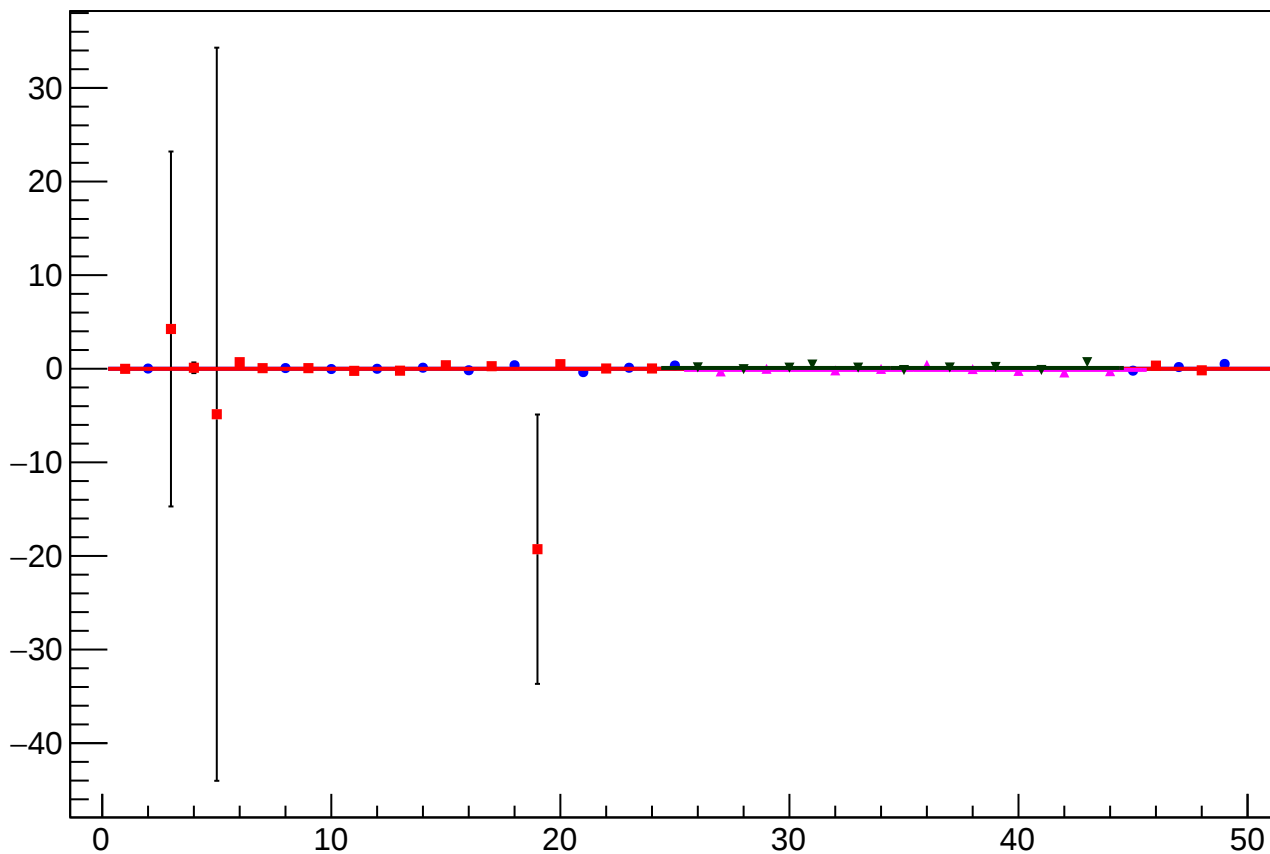
Left Out: 9.367+/-0.003 χ^2/NDF : 590012.0/9

10.810+/-0.002 χ^2/NDF : 5805525.3/48

Right Out: 14.109+/-0.004 χ^2/NDF : 1538424.9/16

Left In: 9.361+/-0.003 χ^2/NDF : 755354.4/8

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 19.2/12

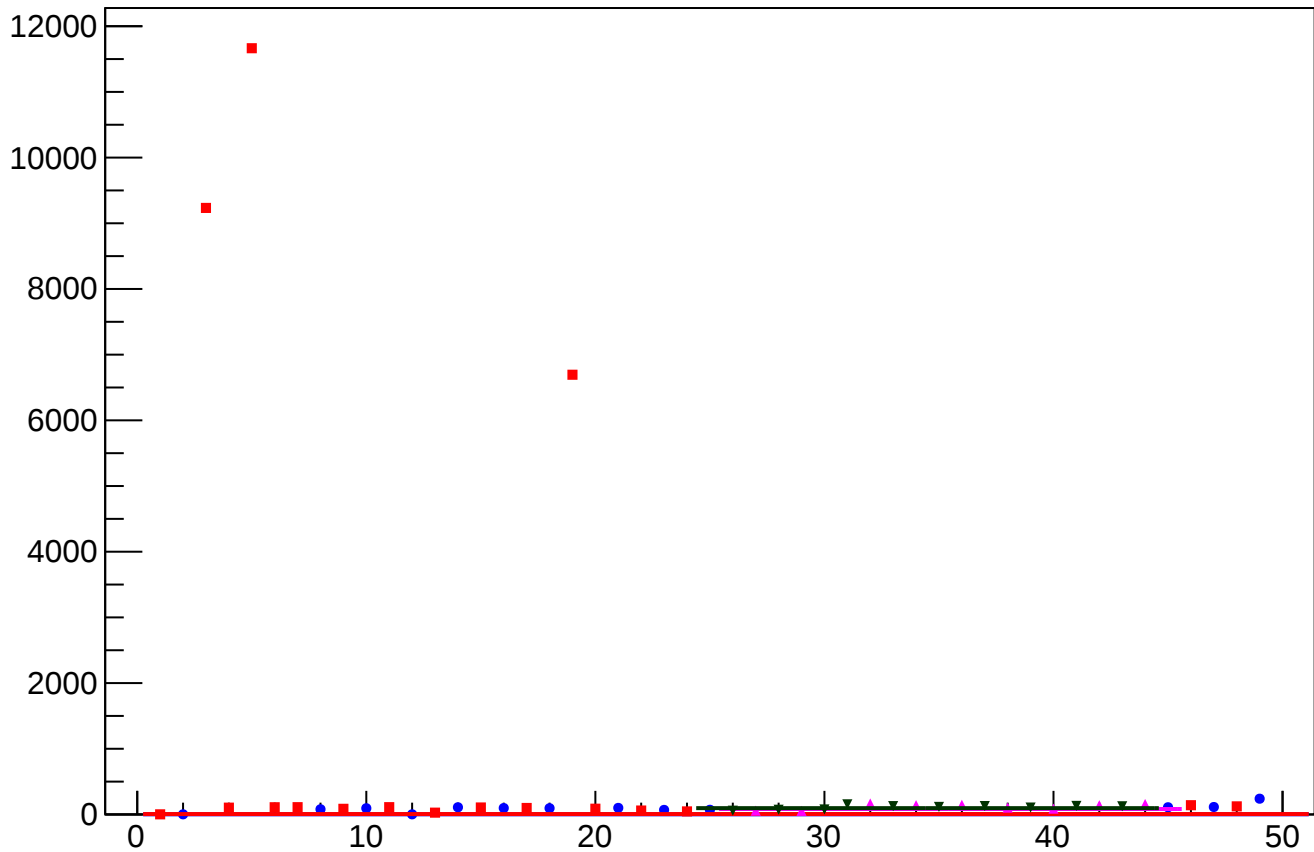
Left Out: 0.083 ± 0.059 χ^2/NDF : 11.4/9

Right Out: -0.009 ± 0.012 χ^2/NDF : 13.3/16

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

-0.002 ± 0.003 χ^2/NDF : 61.4/48

diff_cav4dY_rms vs slug



Right In: 2.169+/-0.002 χ^2/NDF : 7466505.2/12

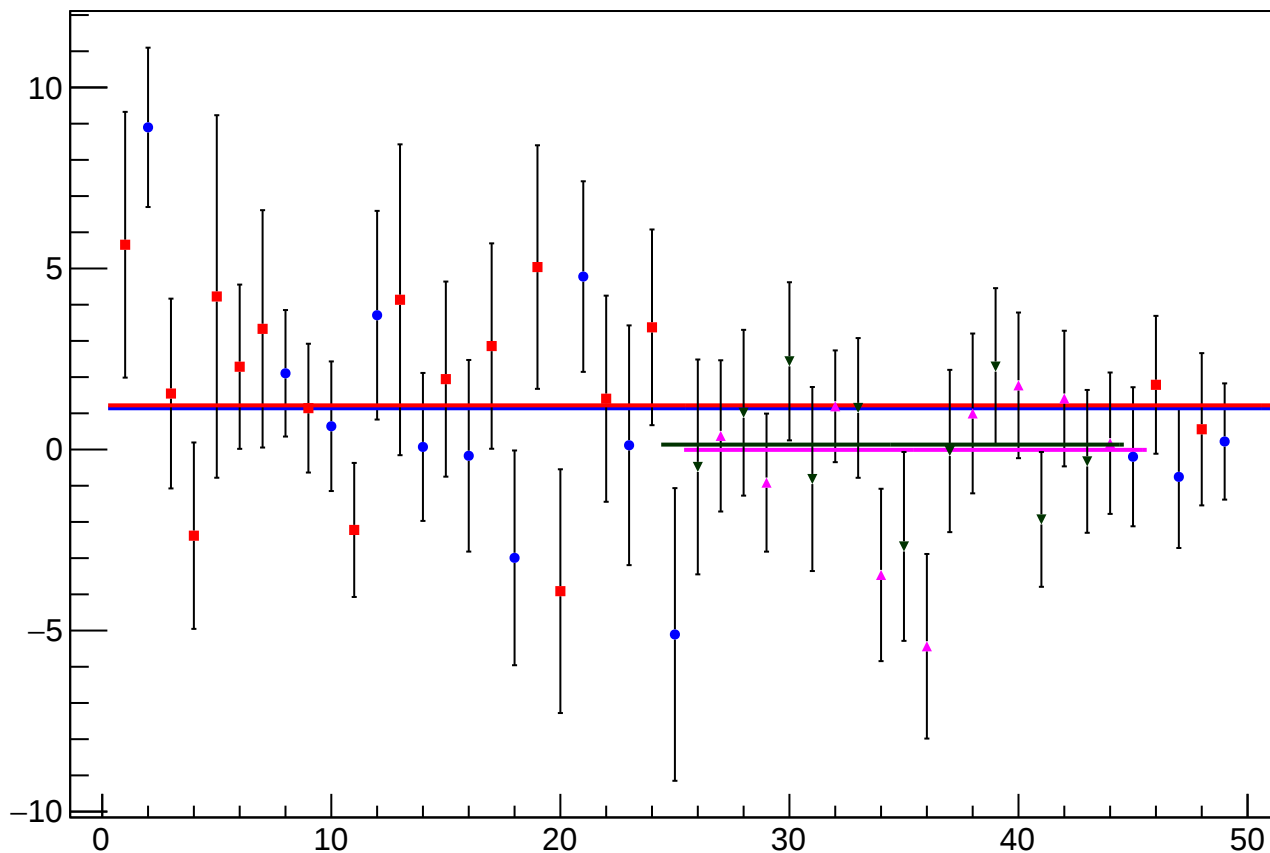
Left Out: 96.008+/-0.042 χ^2/NDF : 447968.4/9

2.863+/-0.002 χ^2/NDF : 24251832.1/48

Right Out: 5.997+/-0.009 χ^2/NDF : 5555139.3/16

Left In: 82.932+/-0.038 χ^2/NDF : 1078957.9/8

diff_bpm4aX_mean vs slug



Right In: 1.139 $\pm$ 0.611 χ^2/NDF : 22.2/12

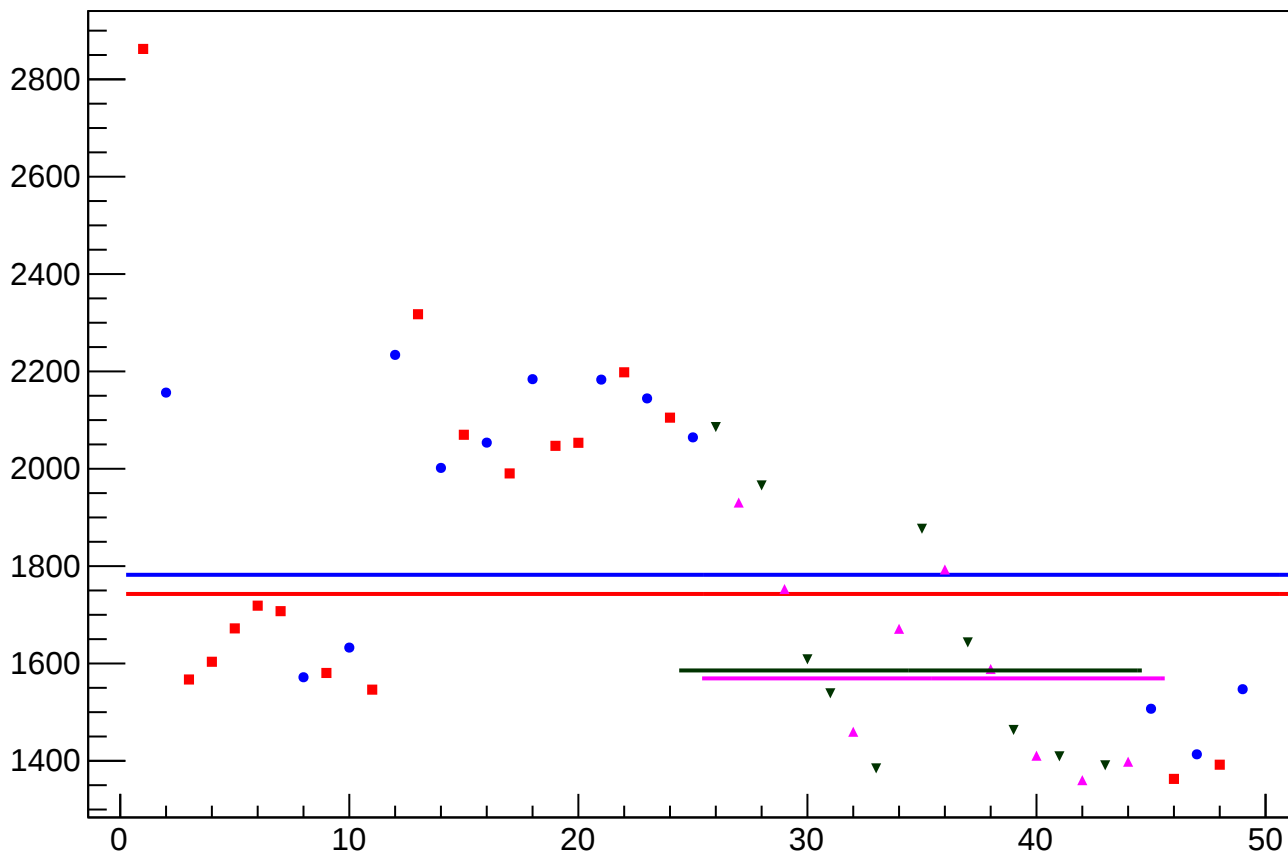
Left Out: 0.136 $\pm$ 0.700 χ^2/NDF : 5.2/9

Right Out: 1.220 $\pm$ 0.625 χ^2/NDF : 13.2/16

Left In: -0.010 $\pm$ 0.666 χ^2/NDF : 9.1/8

0.675 $\pm$ 0.324 χ^2/NDF : 52.6/48

diff_bpm4aX_rms vs slug



Right In: 1782.192+/-0.432 χ^2/NDF : 465389.4/12

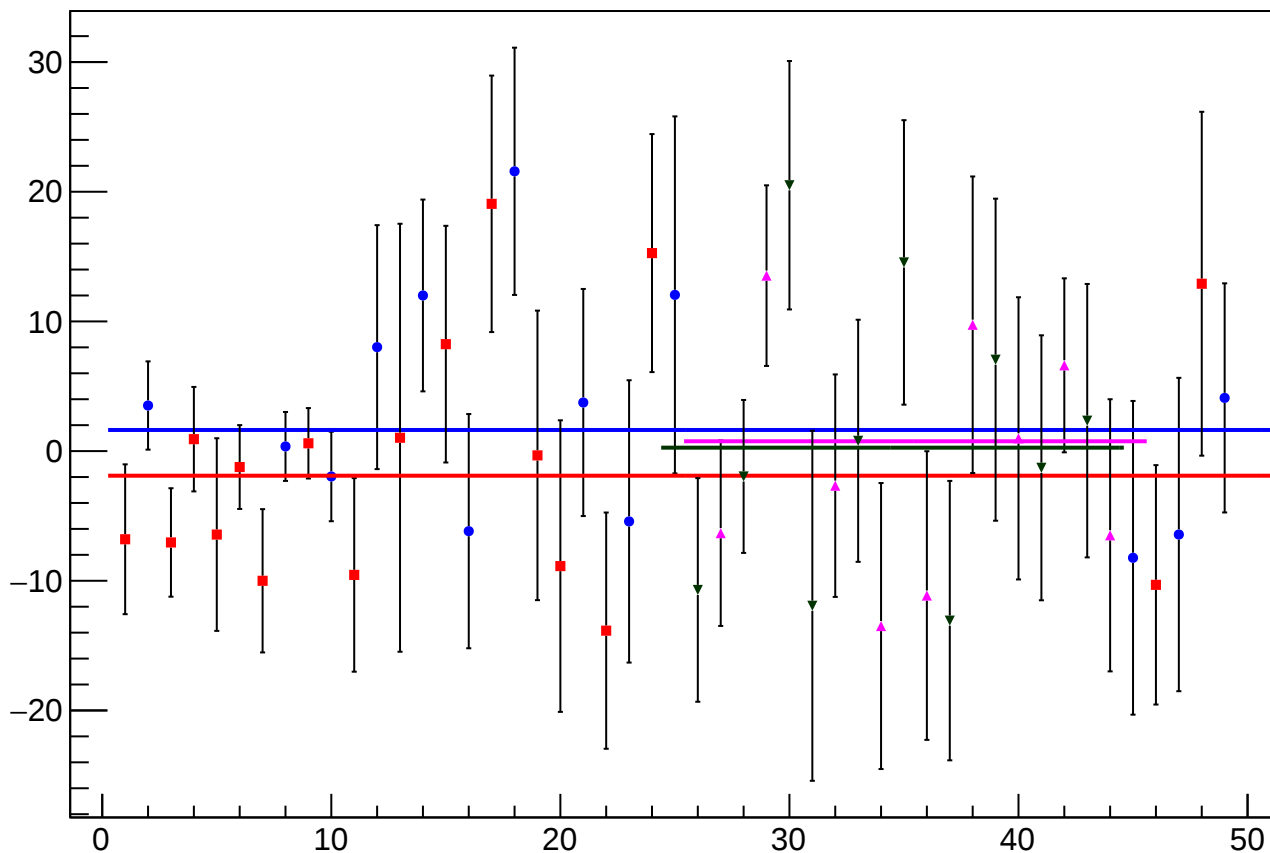
Left Out: 1585.705+/-0.495 χ^2/NDF : 204665.3/9

Right Out: 1742.839+/-0.442 χ^2/NDF : 577356.0/16

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

1679.222+/-0.229 χ^2/NDF : 1575496.2/48

diff_bpm4aY_mean vs slug



Right In: 1.629 ± 1.547 χ^2/NDF : 11.4/12

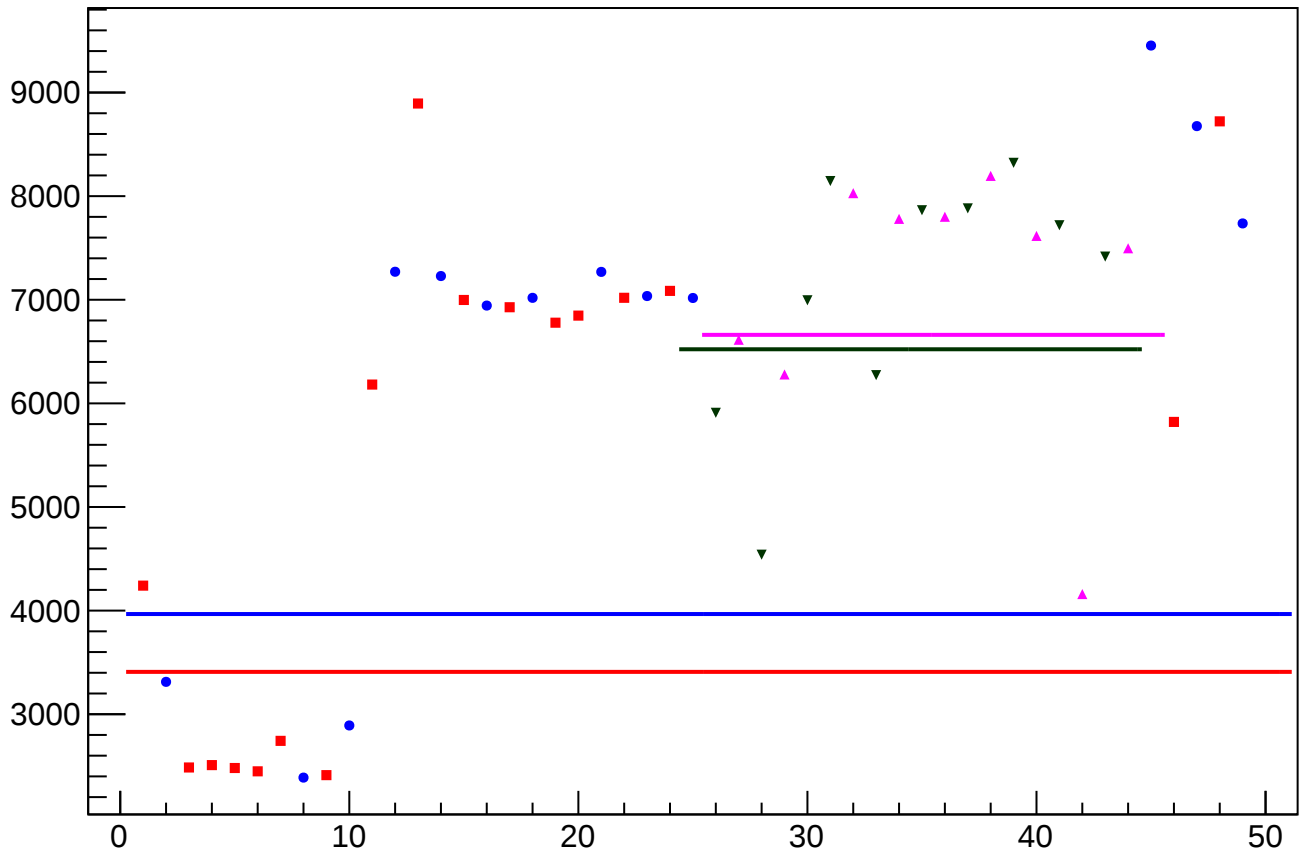
Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

Right Out: -1.897 ± 1.371 χ^2/NDF : 20.7/16

Left In: 0.758 ± 2.918 χ^2/NDF : 9.2/8

-0.178 ± 0.921 χ^2/NDF : 54.9/48

diff_bpm4aY_rms vs slug



Right In: 3966.890+/-1.094 χ^2/NDF : 3652610.7/12

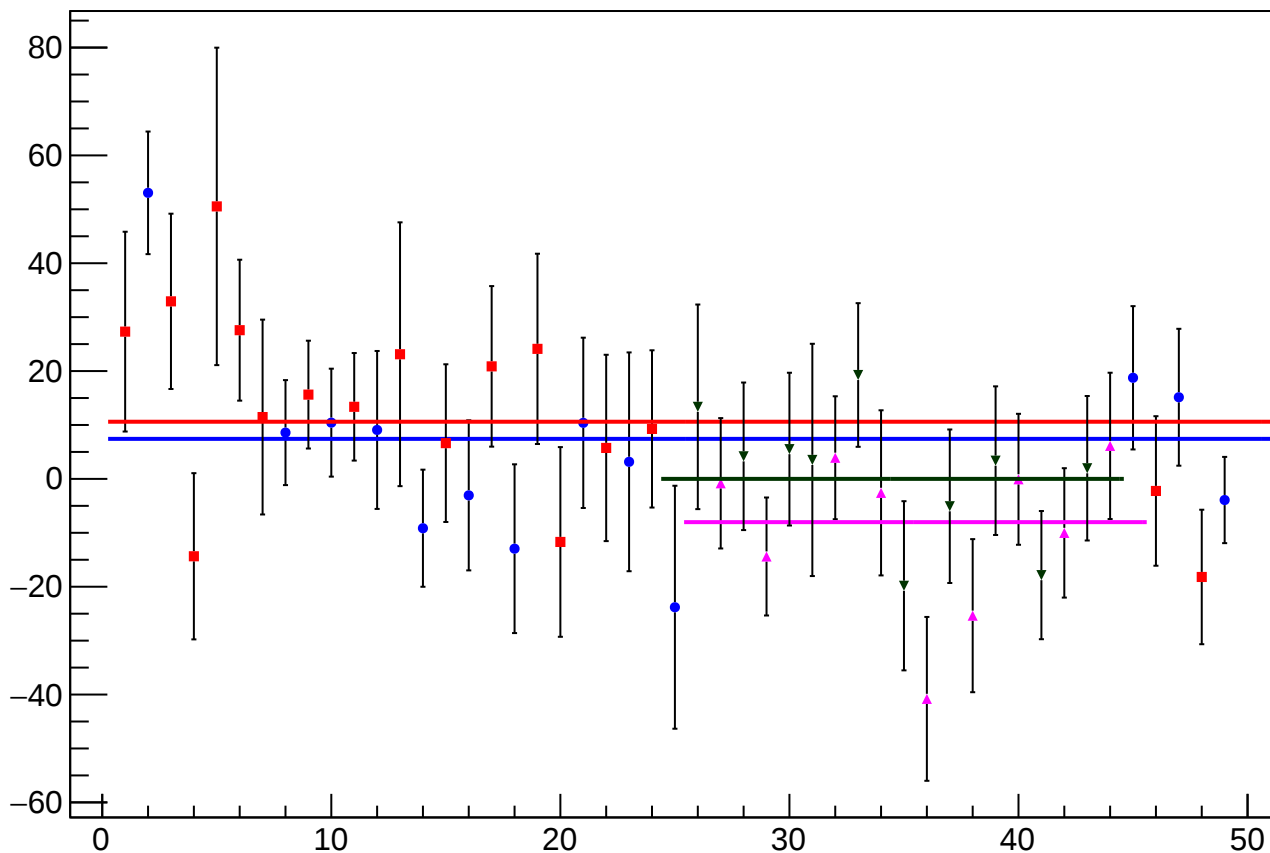
Left Out: 6522.149+/-2.112 χ^2/NDF : 417038.9/9

4226.108+/-0.651 χ^2/NDF : 11118313.6/48

Right Out: 3408.728+/-0.969 χ^2/NDF : 3266555.2/16

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

diff_bpm4eX_mean vs slug



Right In: 7.424 ± 3.399 χ^2/NDF : 25.9/12

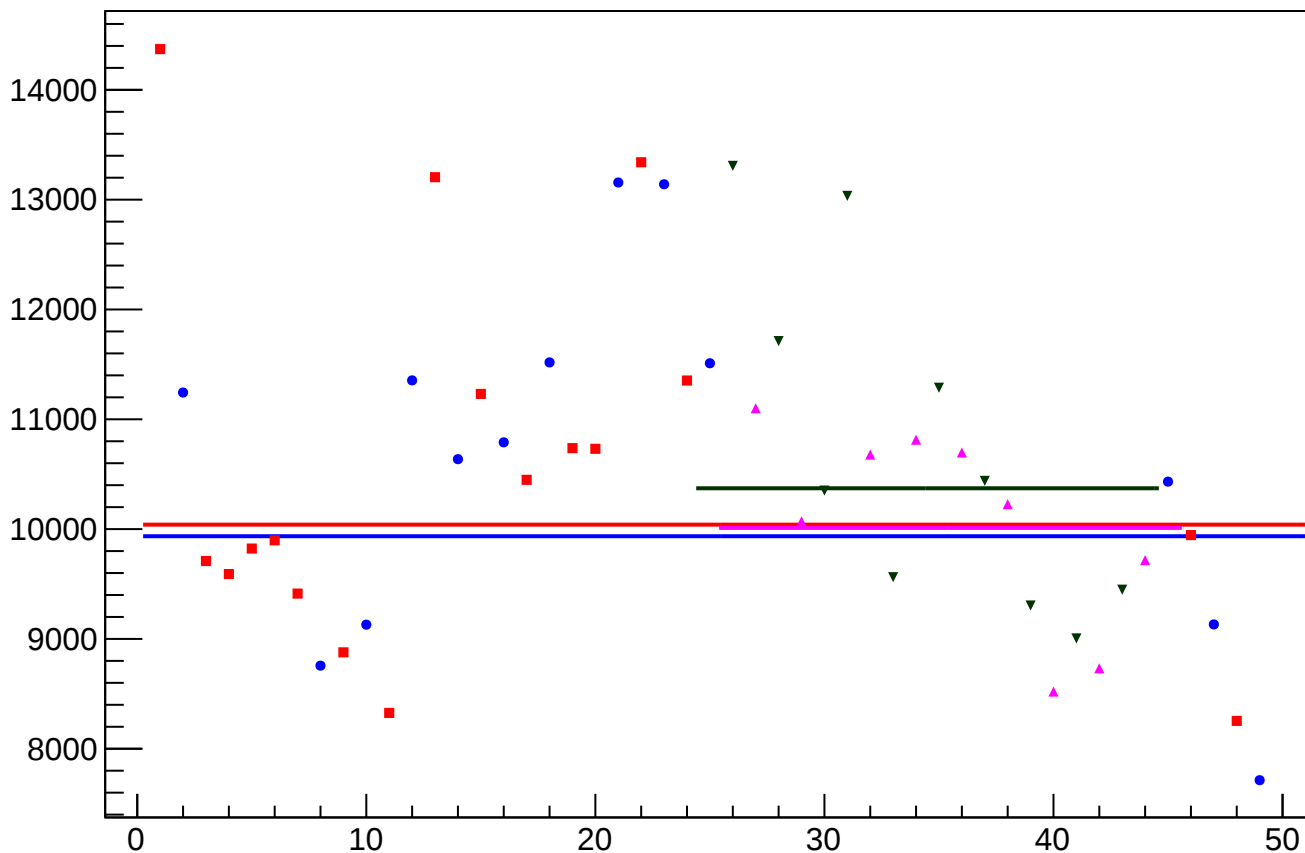
Left Out: 0.003 ± 4.574 χ^2/NDF : 6.9/9

Right Out: 10.602 ± 3.580 χ^2/NDF : 18.5/16

Left In: -8.023 ± 4.241 χ^2/NDF : 9.6/8

3.820 ± 1.932 χ^2/NDF : 74.1/48

diff_bpm4eX_rms vs slug



Right In: 9935.154+/-2.404 χ^2/NDF : 431793.3/12

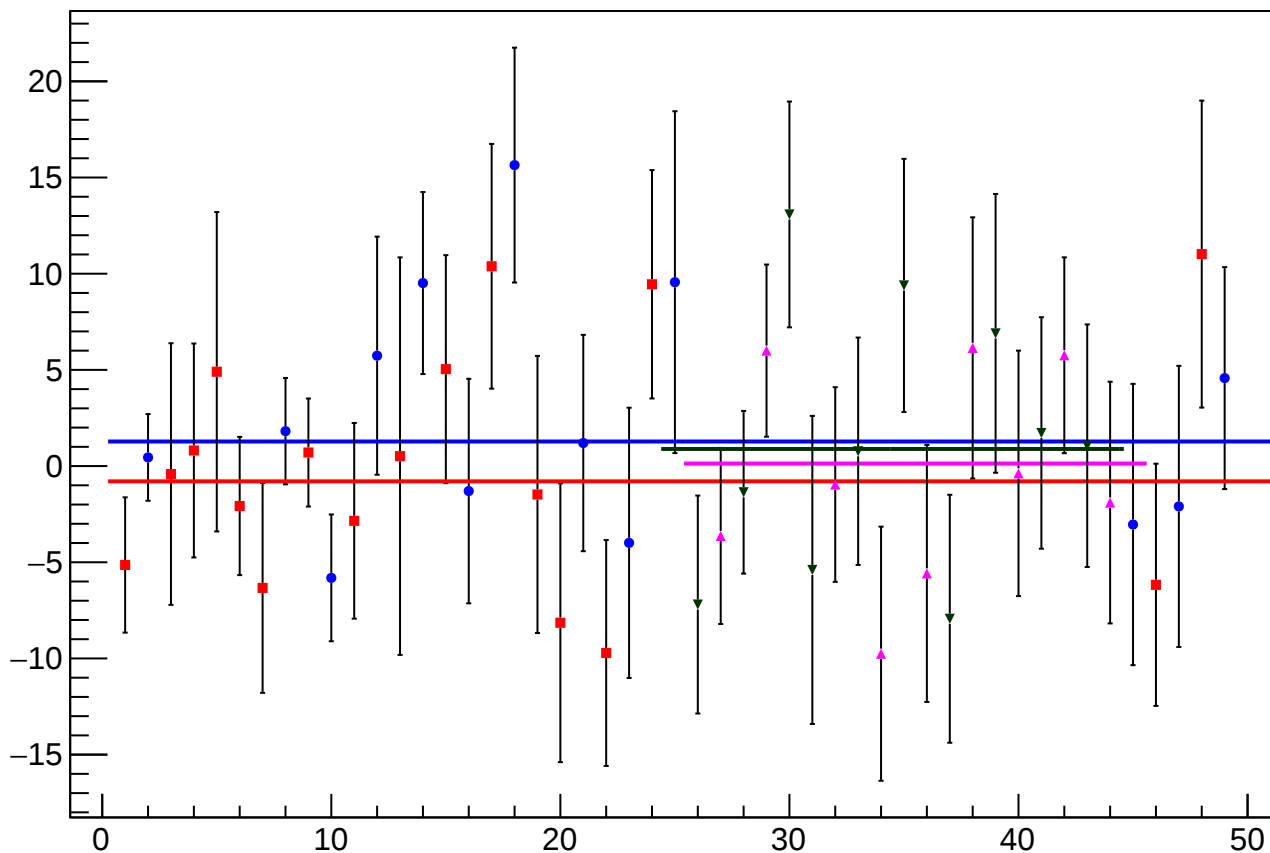
Left Out: 10371.917+/-3.234 χ^2/NDF :159833.9/9

Right Out: 10040.596+/-2.532 χ^2/NDF : 385391.3/16

Left In: 10010.878+/-2.999 χ^2/NDF :86966.5/8

10059.473+/-1.366 χ^2/NDF : 1076310.4/48

diff_bpm4eY_mean vs slug



Right In: 1.277 ± 1.214 $\chi^2/\text{NDF}: 16.4/12$

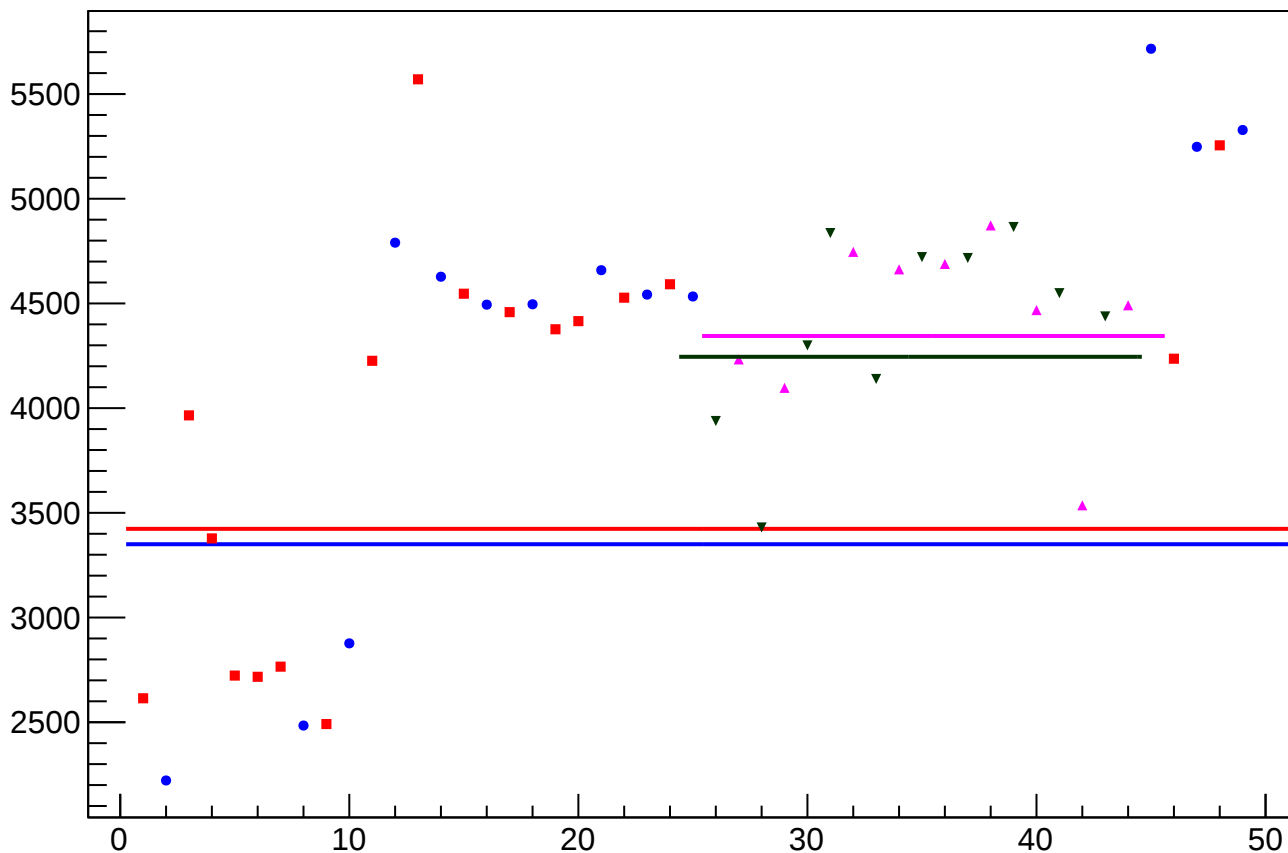
Left Out: 0.889 ± 1.892 $\chi^2/\text{NDF}: 11.5/9$

Right Out: -0.794 ± 1.265 $\chi^2/\text{NDF}: 17.0/16$

Left In: 0.131 ± 1.850 $\chi^2/\text{NDF}: 7.5/8$

0.350 ± 0.730 $\chi^2/\text{NDF}: 54.0/48$

diff_bpm4eY_rms vs slug



Right In: 3350.081+/-0.858 χ^2/NDF : 1920819.3/12

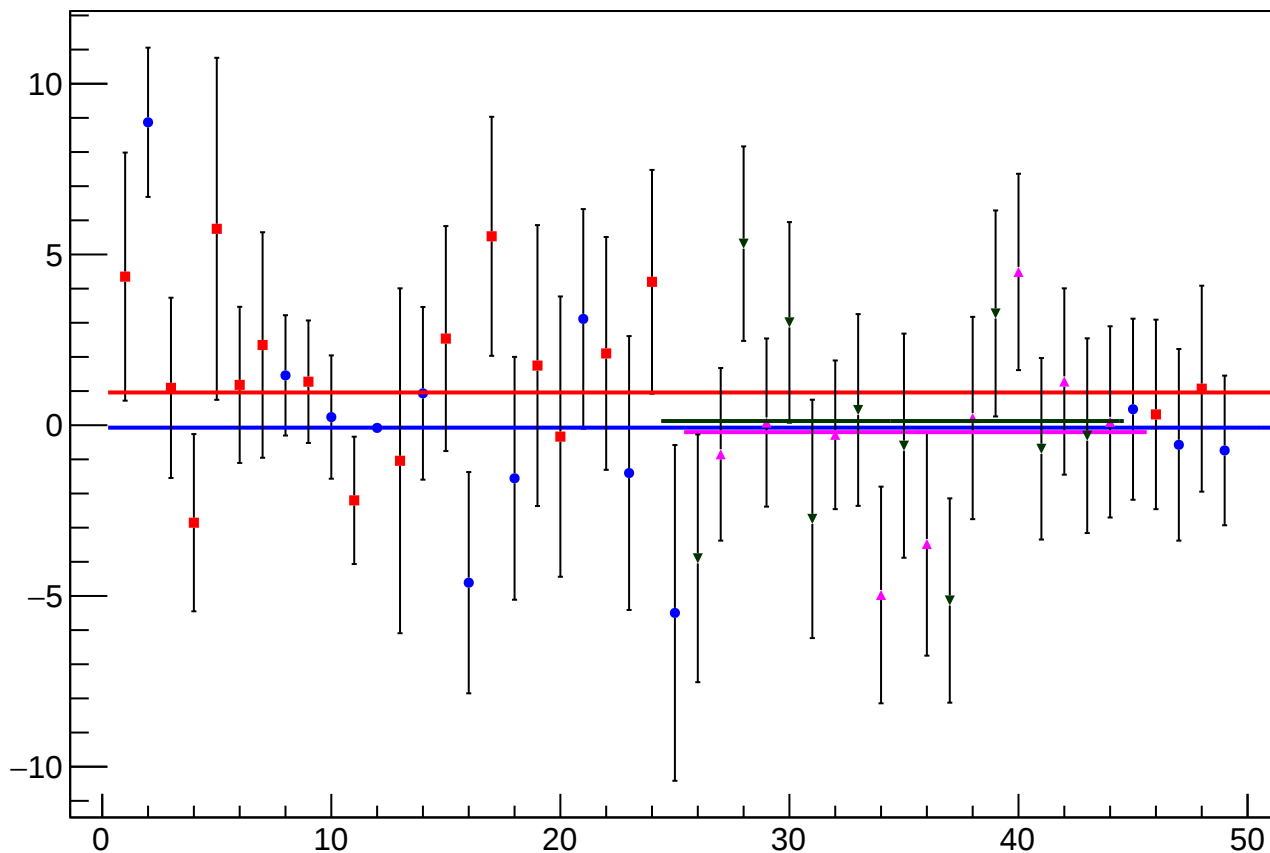
Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

Right Out: 3423.594+/-0.894 χ^2/NDF : 1080006.3/16

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

3662.905+/-0.516 χ^2/NDF : 3895251.8/48

diff_bpm4acX_mean vs slug



Right In: -0.071 ± 0.060 $\chi^2/\text{NDF}: 22.3/12$

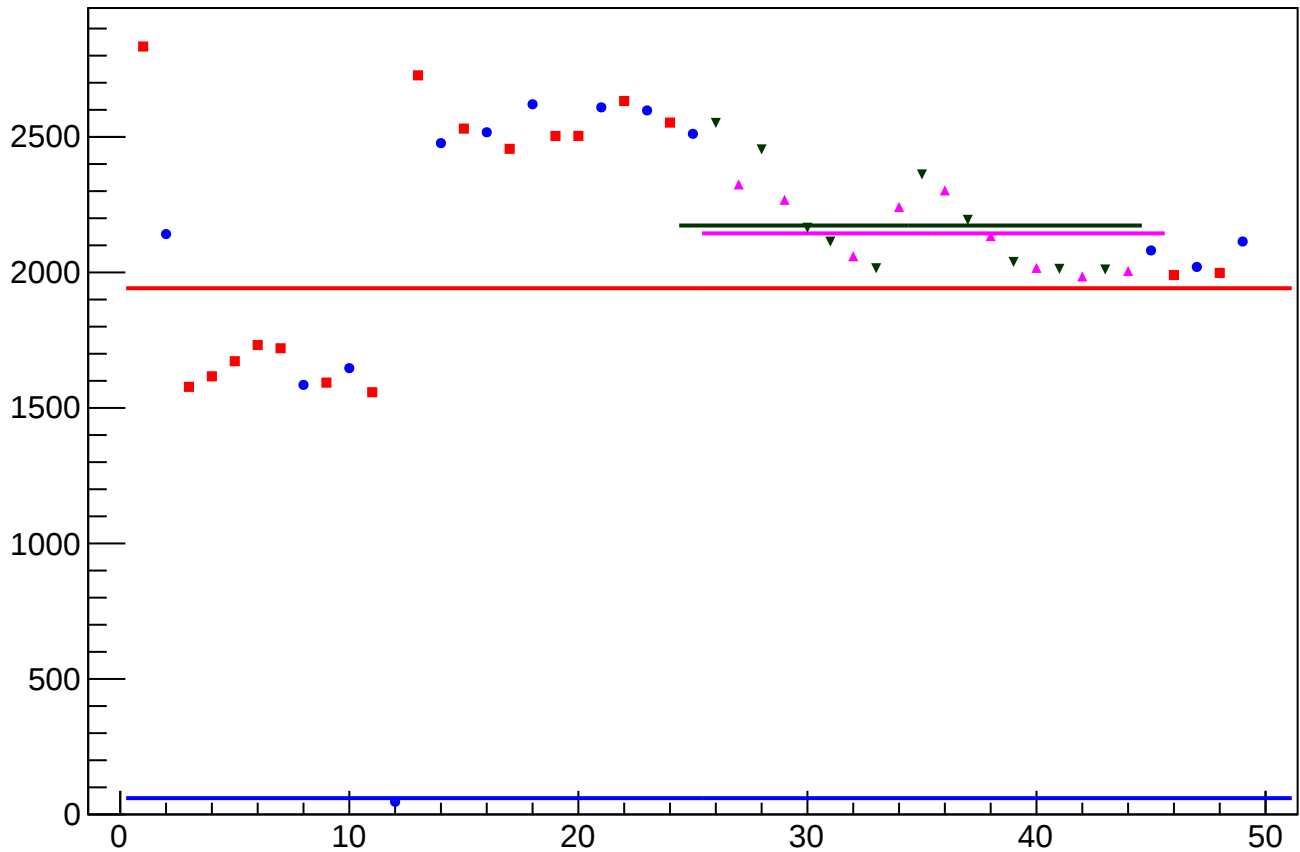
Left Out: 0.122 ± 0.952 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 0.959 ± 0.700 $\chi^2/\text{NDF}: 10.4/16$

Left In: -0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

-0.063 ± 0.060 $\chi^2/\text{NDF}: 51.8/48$

diff_bpm4acX_rms vs slug



Right In: 60.162+/-0.043 χ^2 /NDF: 15420348.3/12

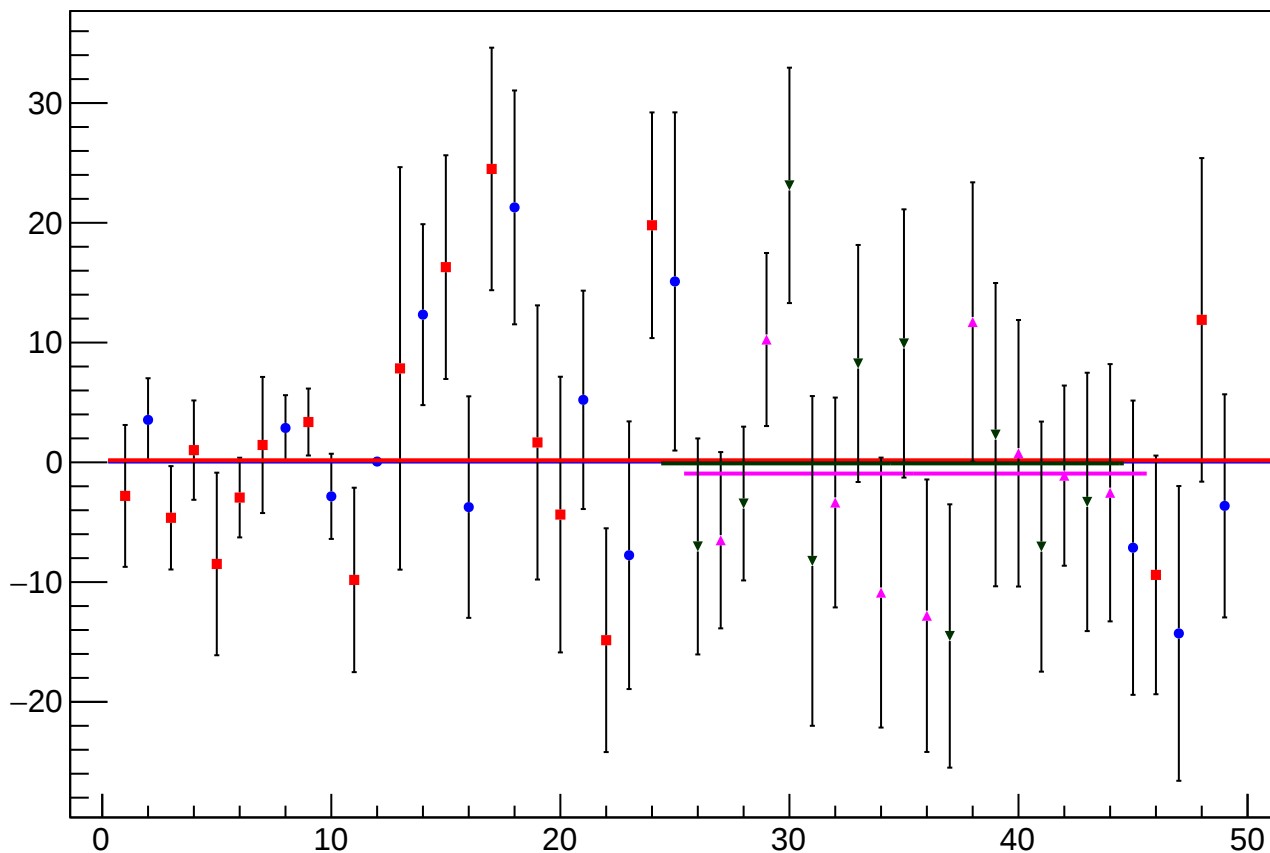
Left Out: 2173.150+/-0.673 χ^2 /NDF: 72524.5/9

91.172+/-0.042 χ^2 /NDF: 50667172.8/48

Right Out: 1941.678+/-0.495 χ^2 /NDF: 765118.5/16

Left In: 2144.060+/-0.640 χ^2 /NDF: 40535.6/8

diff_bpm4acY_mean vs slug



Right In: 0.066 ± 0.052 χ^2/NDF : 14.1/12

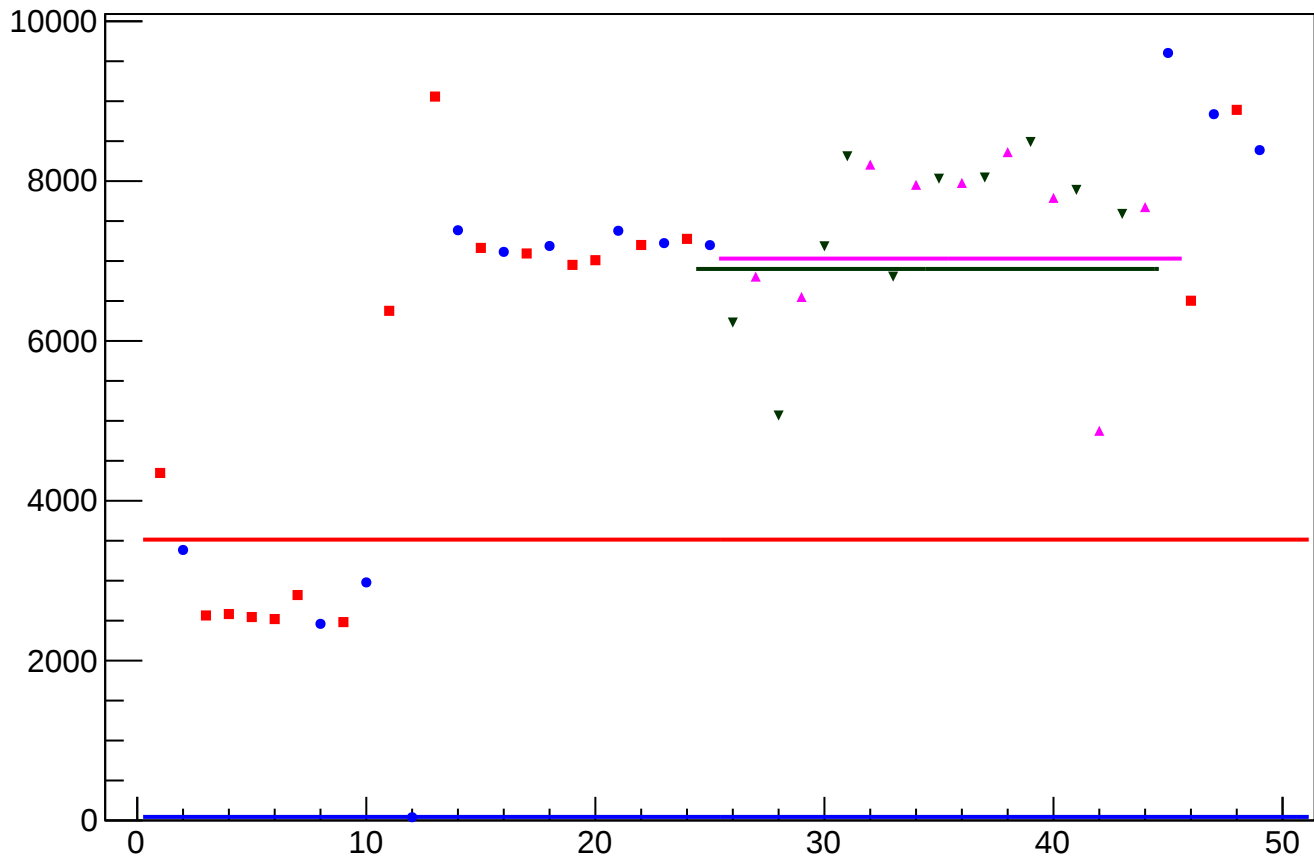
Left Out: -0.087 ± 3.121 χ^2/NDF : 10.6/9

Right Out: 0.171 ± 1.411 χ^2/NDF : 24.5/16

Left In: -0.938 ± 3.043 χ^2/NDF : 6.1/8

0.066 ± 0.052 χ^2/NDF : 55.4/48

diff_bpm4acY_rms vs slug



Right In: 44.465+/-0.037 χ^2/NDF : 15372266.8/12

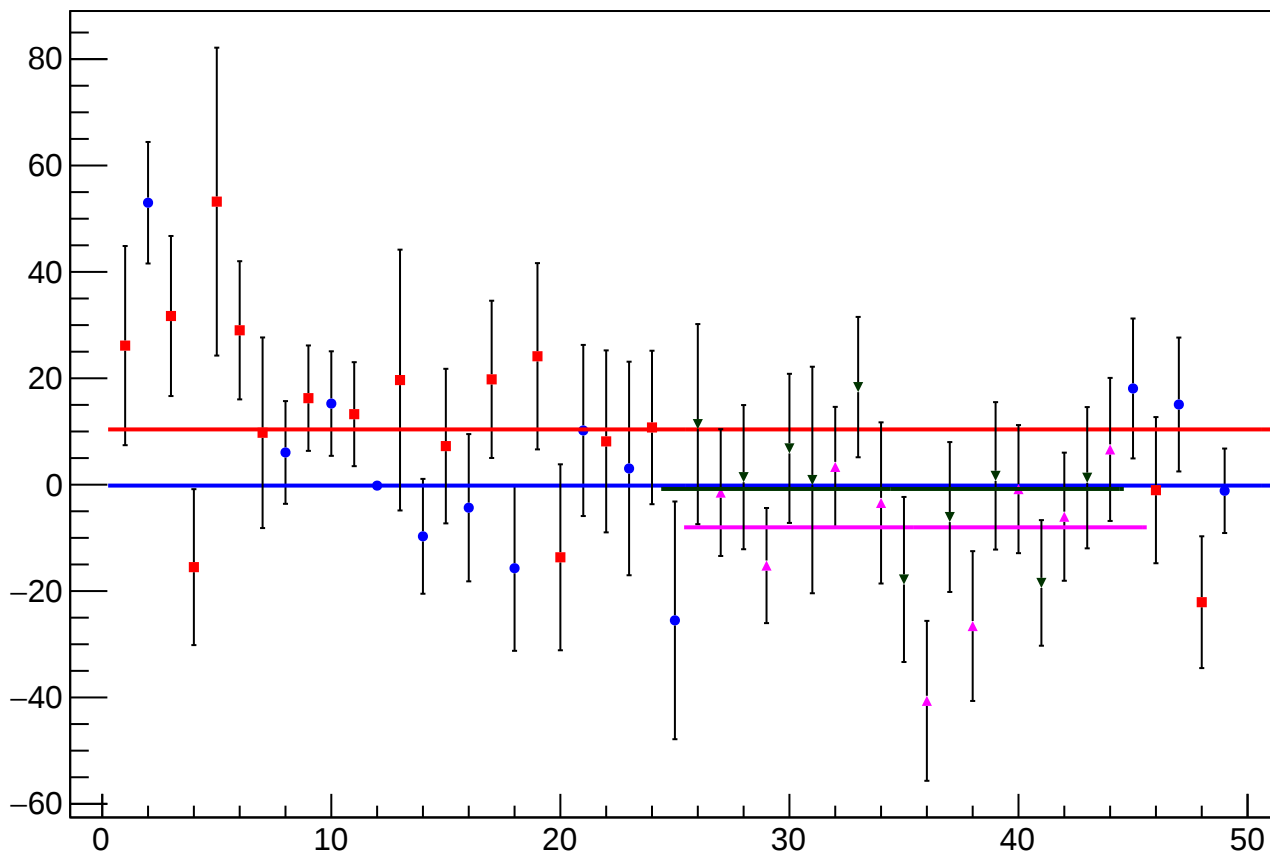
Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

53.133+/-0.037 χ^2/NDF : 51468321.2/48

Right Out: 3514.171+/-0.998 χ^2/NDF : 3292700.9/16

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: -0.170 ± 0.107 χ^2/NDF : 31.6/12

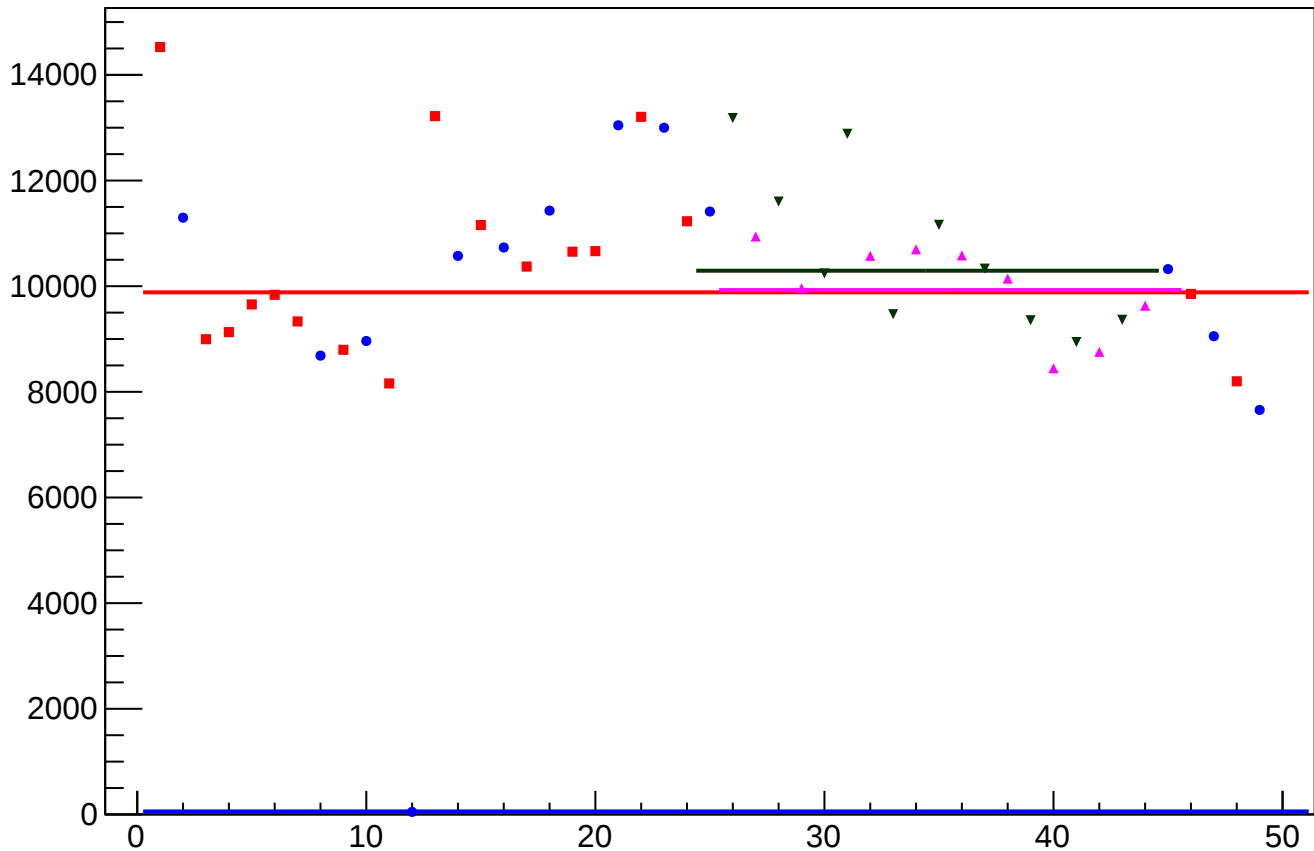
Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

Right Out: 10.388 ± 3.527 χ^2/NDF : 21.2/16

Left In: -8.016 ± 4.204 χ^2/NDF : 9.9/8

-0.165 ± 0.106 χ^2/NDF : 81.6/48

diff_bpm4ecX_rms vs slug



Right In: 57.172+/-0.075 χ^2 /NDF: 16074379.2/12

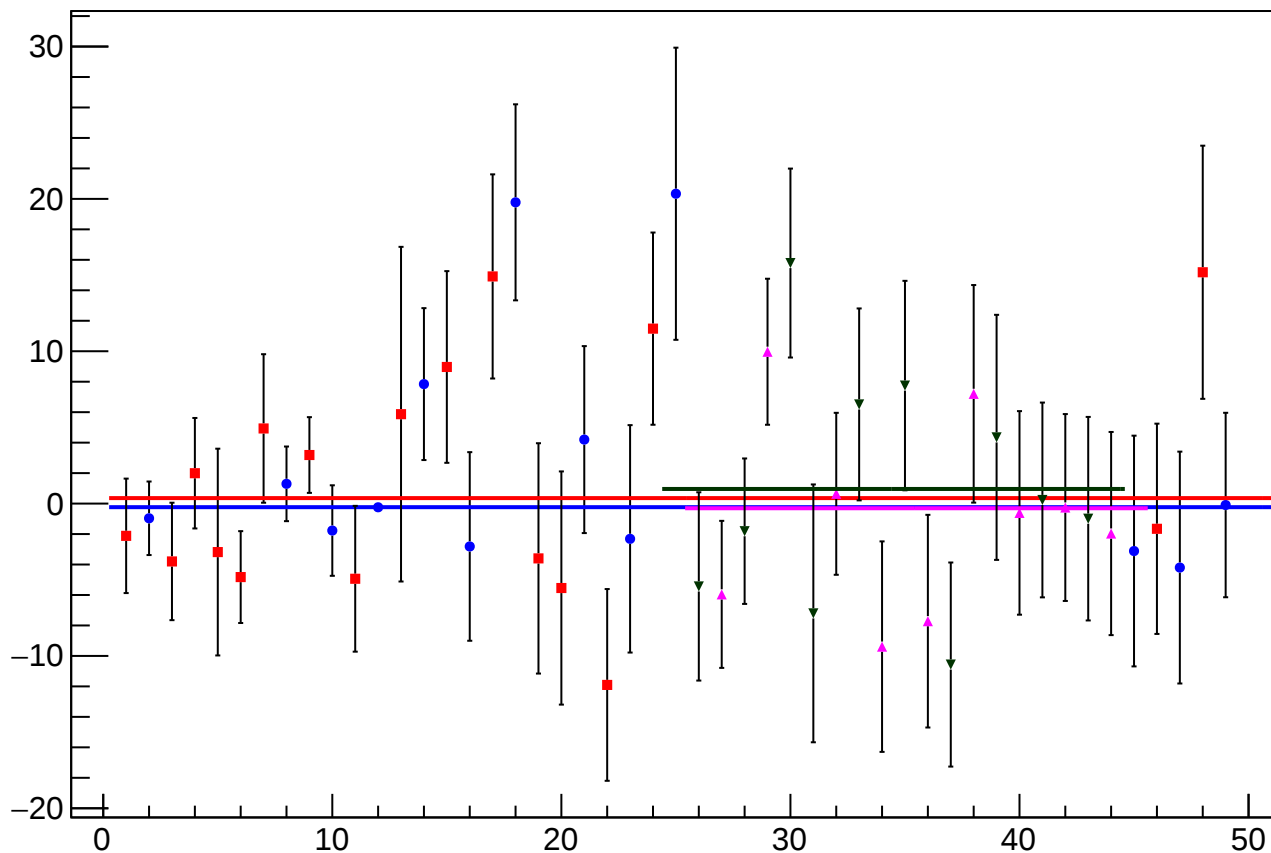
Left Out: 10292.914+/-3.209 χ^2 /NDF:154725.3/9

78.057+/-0.075 χ^2 /NDF: 53364642.7/48

Right Out: 9883.767+/-2.494 χ^2 /NDF: 415973.2/16

Left In: 9926.082+/-2.973 χ^2 /NDF:80597.6/8

diff_bpm4ecY_mean vs slug



Right In: -0.236 ± 0.090 χ^2/NDF : 18.8/12

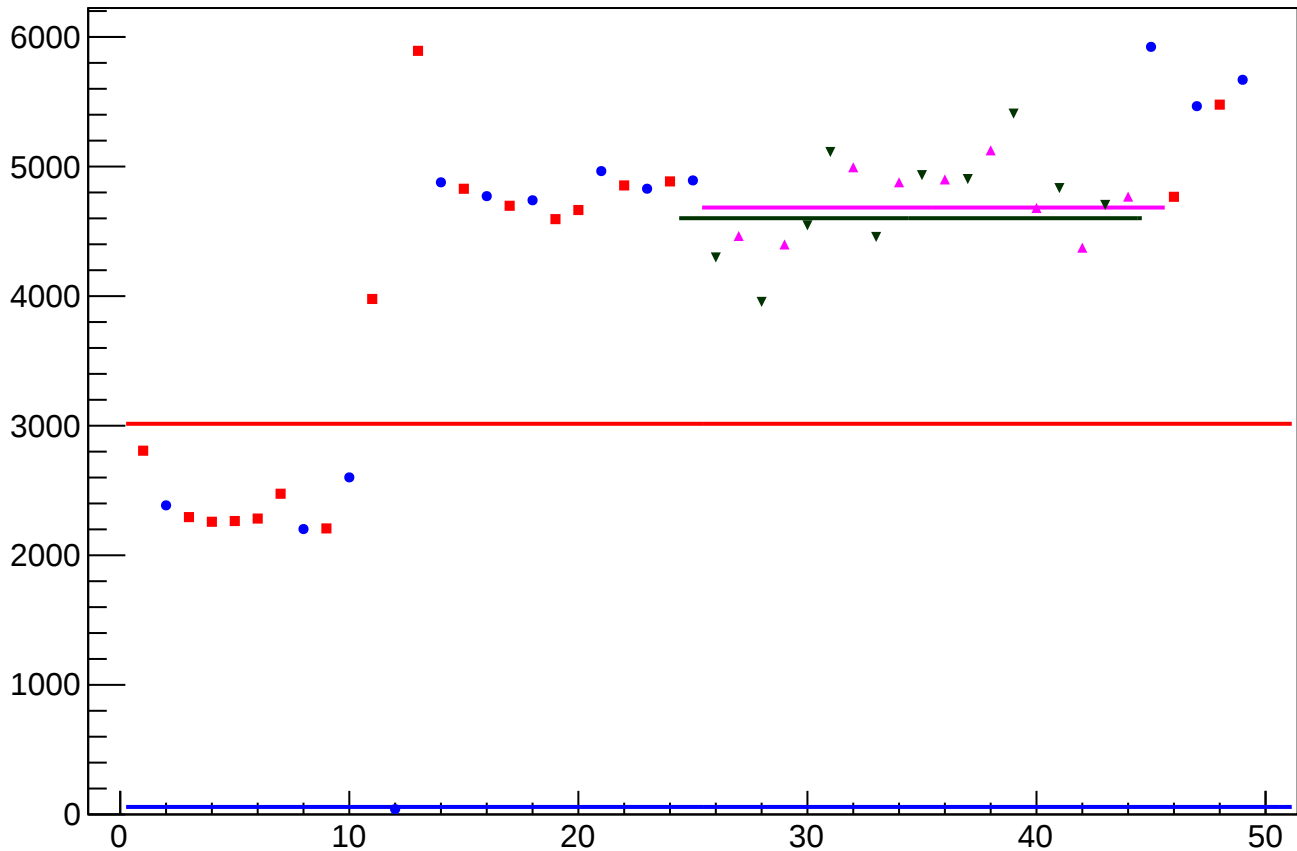
Left Out: 0.960 ± 2.037 χ^2/NDF : 13.0/9

Right Out: 0.360 ± 1.140 χ^2/NDF : 26.3/16

Left In: -0.307 ± 1.982 χ^2/NDF : 10.0/8

-0.230 ± 0.089 χ^2/NDF : 68.8/48

diff_bpm4ecY_rms vs slug



Right In: 57.962 $\pm$ 0.064 χ^2 /NDF: 15552032.8/12

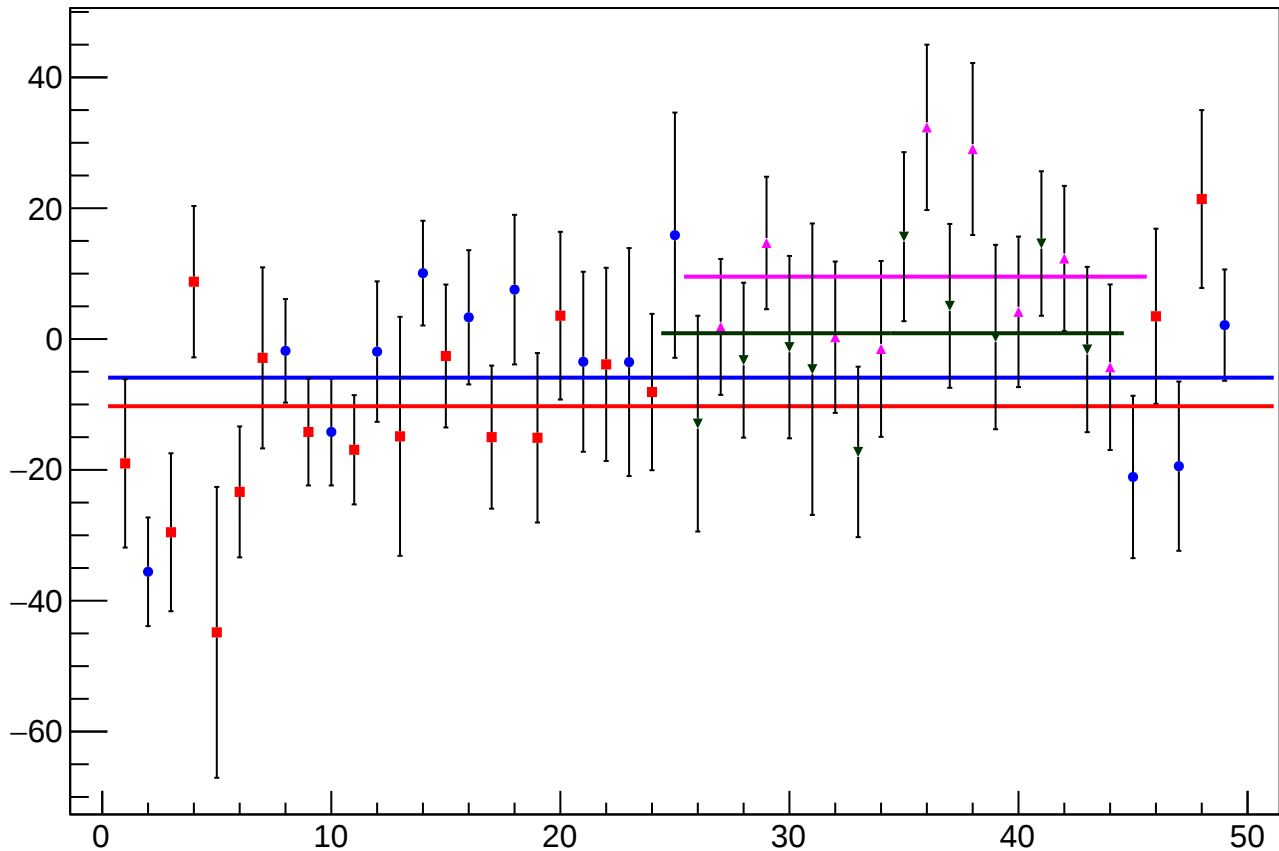
Left Out: 4601.382 $\pm$ 1.440 χ^2 /NDF:81907.0/9

94.374 $\pm$ 0.063 χ^2 /NDF: 51521786.8/48

Right Out: 3014.858 $\pm$ 0.806 χ^2 /NDF: 1882889.7/16

Left In: 4683.549 $\pm$ 1.402 χ^2 /NDF:34623.2/8

diff_bpm1X_mean vs slug



Right In: -5.901 ± 2.834 $\chi^2/\text{NDF}: 25.3/12$

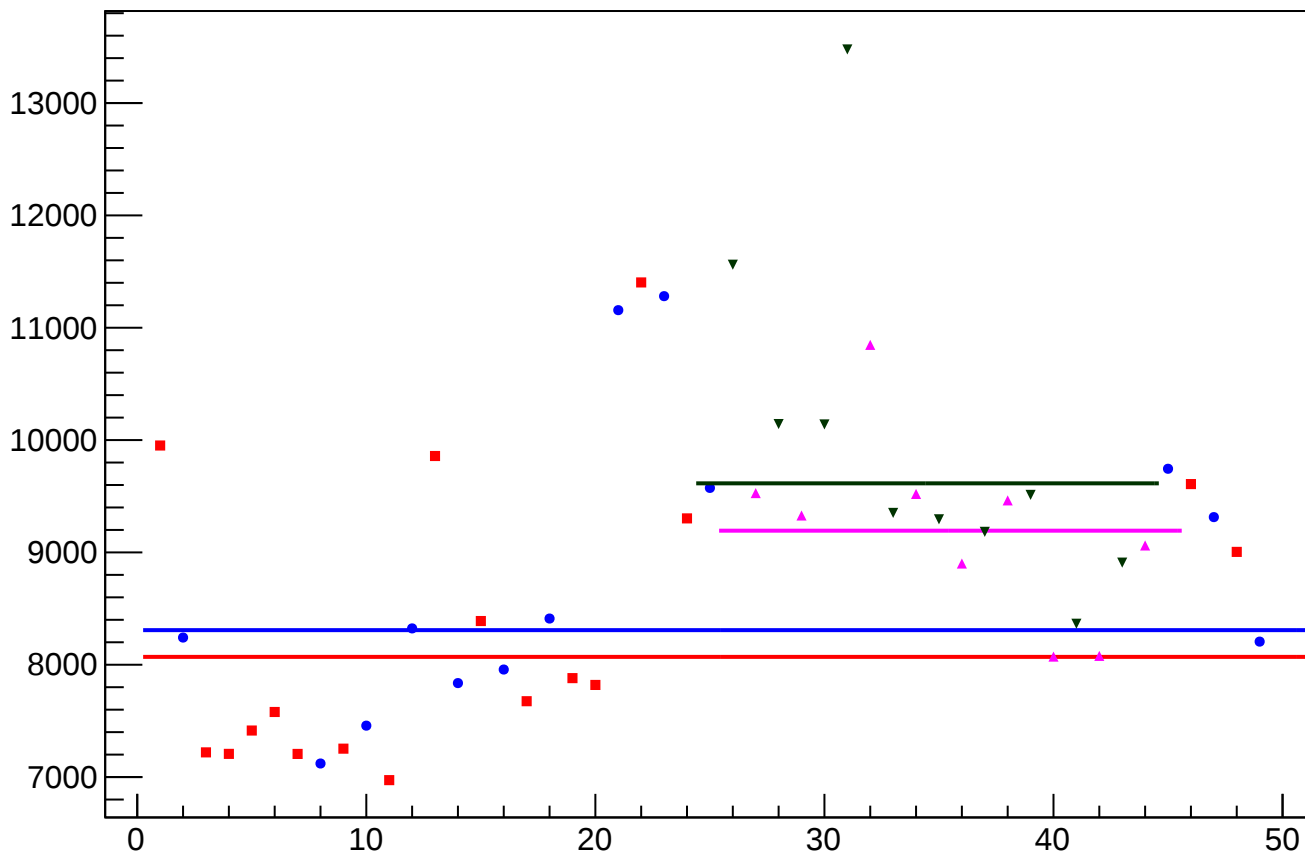
Left Out: 0.888 ± 4.236 $\chi^2/\text{NDF}: 5.8/9$

Right Out: -10.271 ± 2.872 $\chi^2/\text{NDF}: 19.7/16$

Left In: 9.535 ± 3.893 $\chi^2/\text{NDF}: 9.1/8$

-3.543 ± 1.650 $\chi^2/\text{NDF}: 78.5/48$

diff_bpm1X_rms vs slug



Right In: 8307.978+/-2.004 χ^2/NDF : 268407.9/12

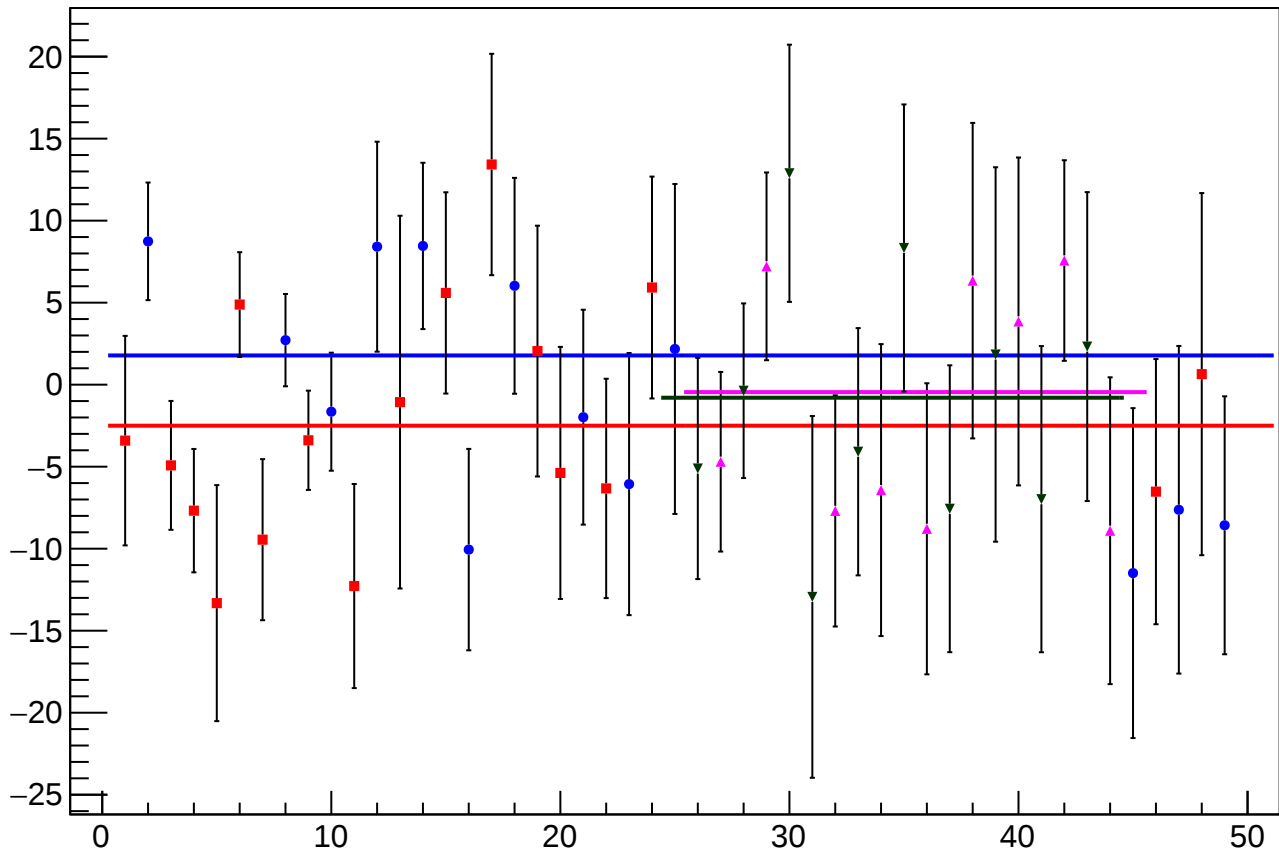
Left Out: 9614.809+/-2.996 χ^2/NDF : 131171.7/9

8586.549+/-1.166 χ^2/NDF : 1052132.5/48

Right Out: 8069.983+/-2.031 χ^2/NDF : 316305.2/16

Left In: 9193.398+/-2.753 χ^2/NDF : 85779.5/8

diff_bpm1Y_mean vs slug



Right In: 1.782 ± 1.445 χ^2/NDF : 17.4/12

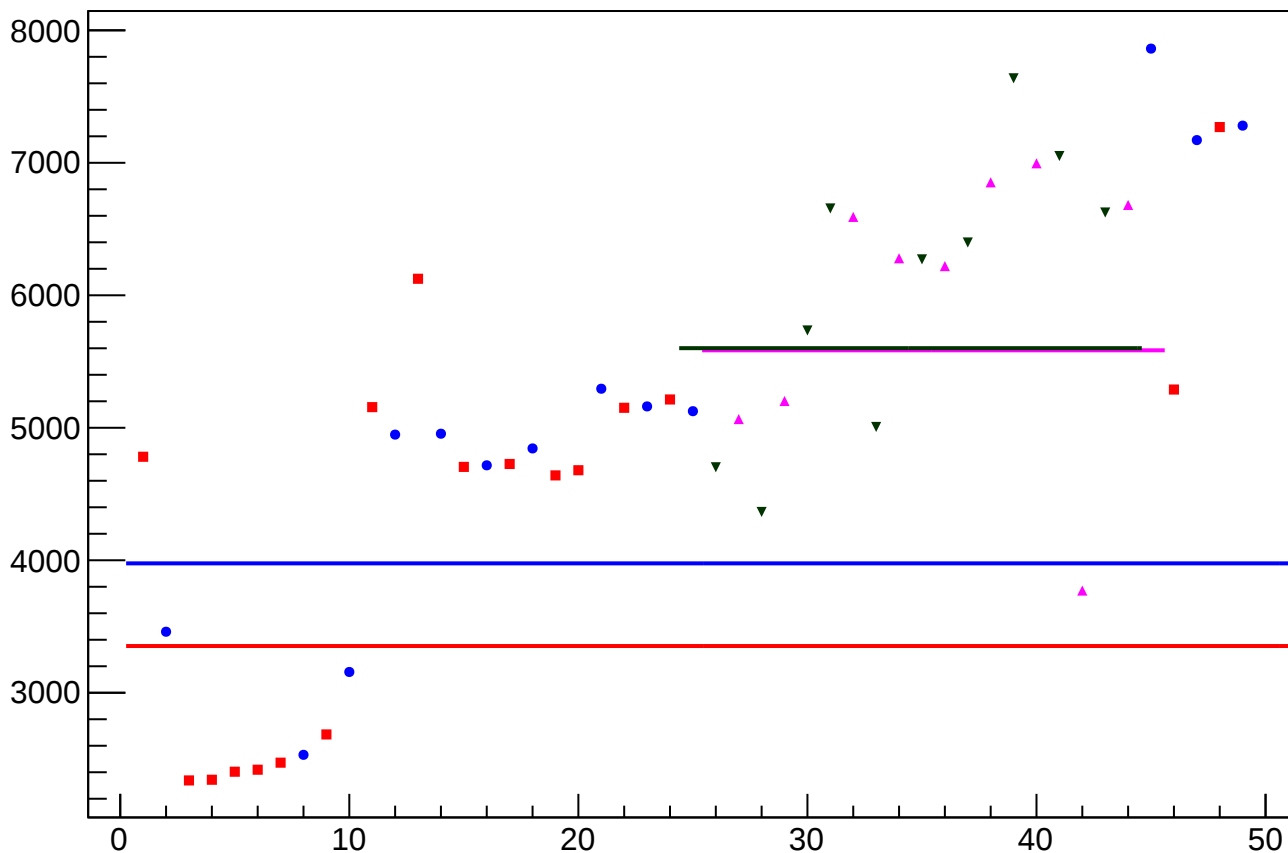
Left Out: -0.796 ± 2.532 χ^2/NDF : 7.2/9

-0.620 ± 0.841 χ^2/NDF : 62.0/48

Right Out: -2.501 ± 1.278 χ^2/NDF : 24.5/16

Left In: -0.453 ± 2.437 χ^2/NDF : 8.0/8

diff_bpm1Y_rms vs slug



Right In: 3976.580+/-1.021 χ^2/NDF : 1864374.5/12

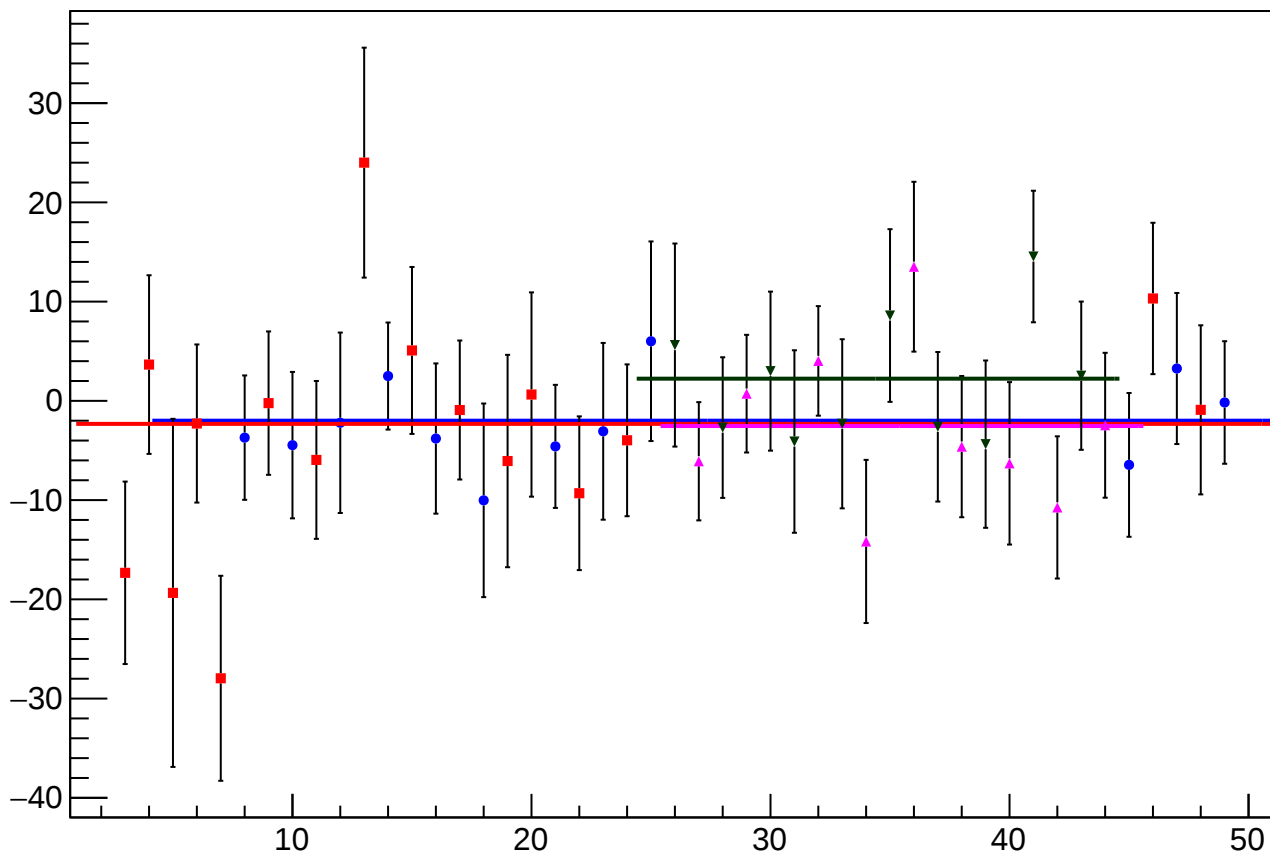
Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

4077.067+/-0.594 χ^2/NDF : 6703303.0/48

Right Out: 3352.694+/-0.904 χ^2/NDF : 1990647.5/16

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

diff_bpm11X_mean vs slug



Right In: -1.999 ± 2.088 χ^2/NDF : 3.4/11

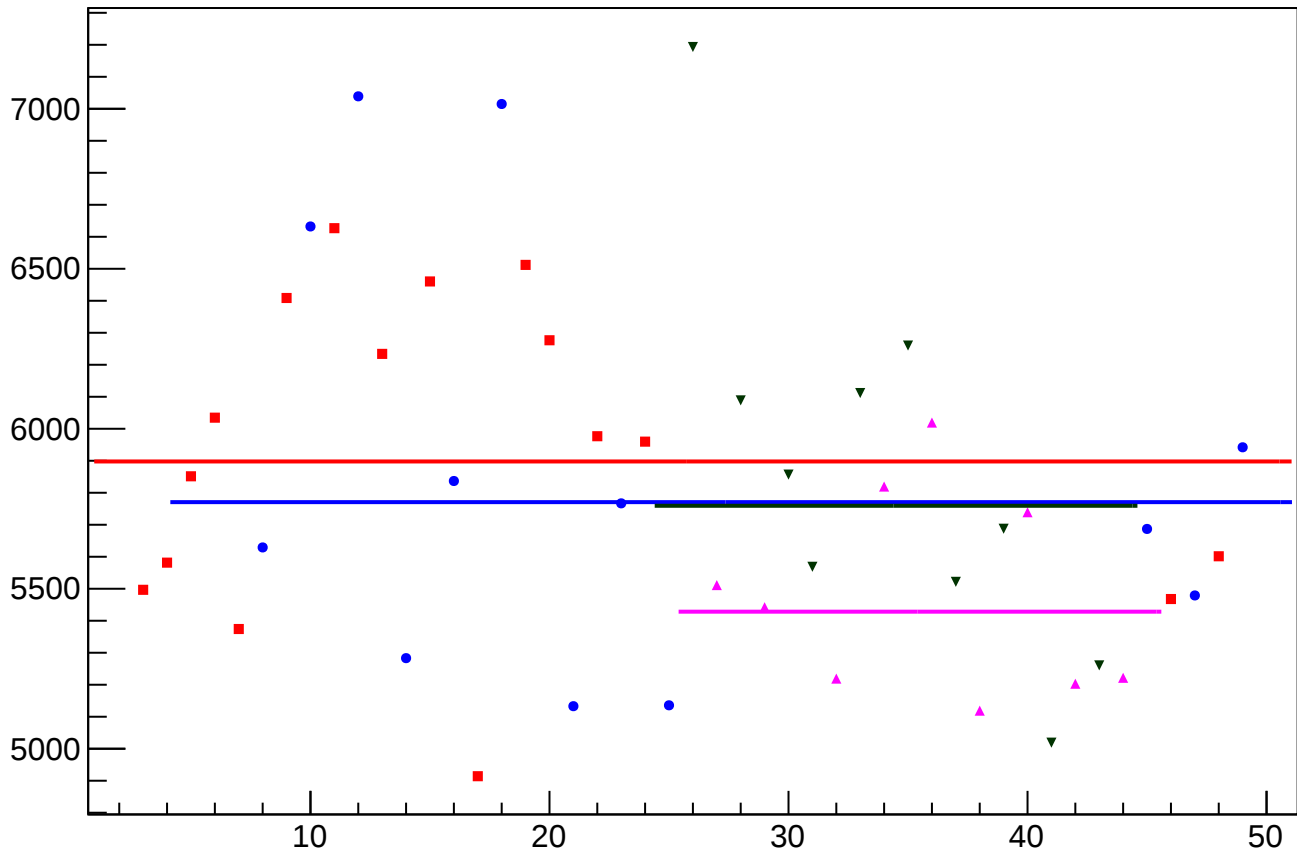
Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

Right Out: -2.319 ± 2.170 χ^2/NDF : 20.3/15

Left In: -2.537 ± 2.289 χ^2/NDF : 9.2/8

-1.377 ± 1.126 χ^2/NDF : 41.8/46

diff_bpm11X_rms vs slug



Right In: 5770.686+/-1.477 χ^2/NDF : 150128.3/11

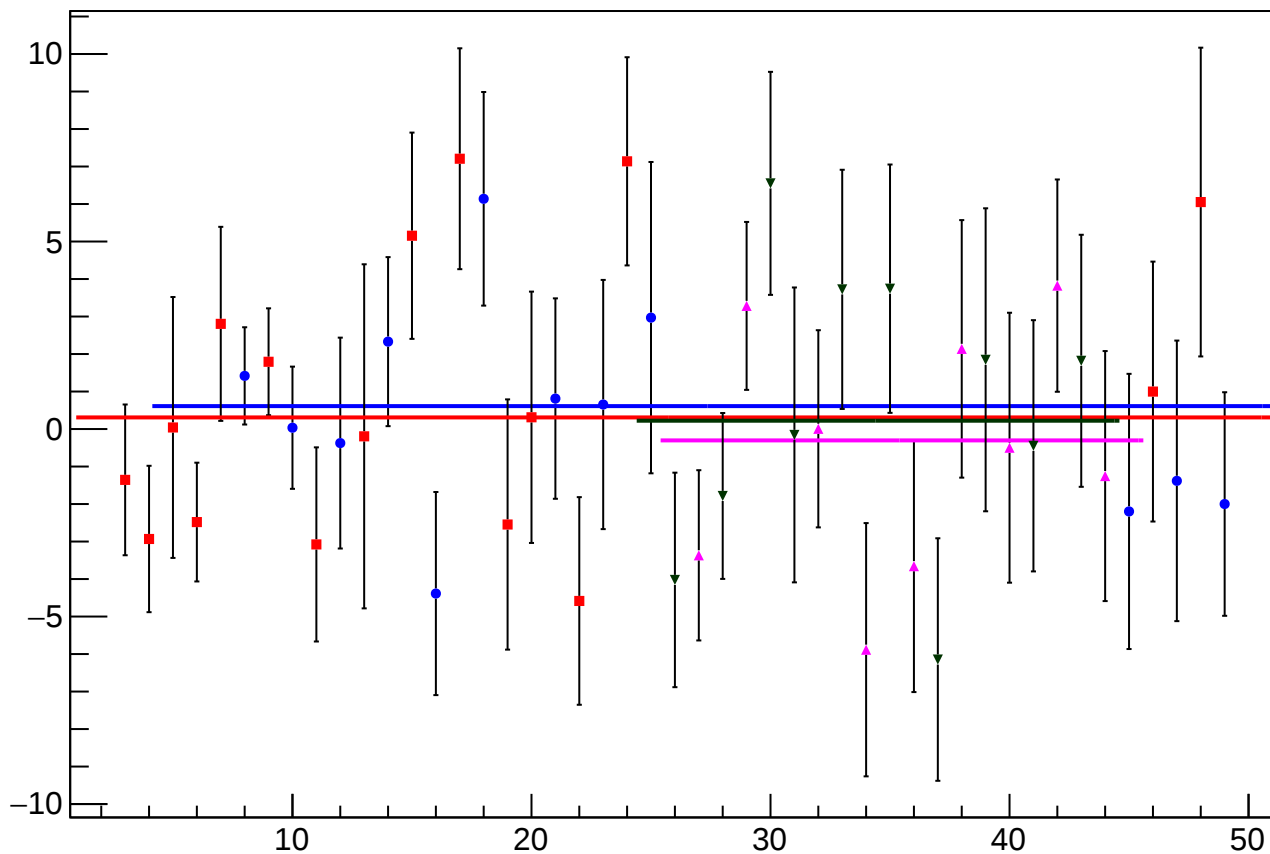
Left Out: 5759.309+/-1.789 χ^2/NDF : 90824.6/9

Right Out: 5897.805+/-1.534 χ^2/NDF : 107331.4/15

Left In: 5428.343+/-1.619 χ^2/NDF : 27583.1/8

5719.836+/-0.796 χ^2/NDF : 423425.6/46

diff_bpm11Y_mean vs slug



Right In: 0.611 ± 0.690 χ^2/NDF : 10.4/11

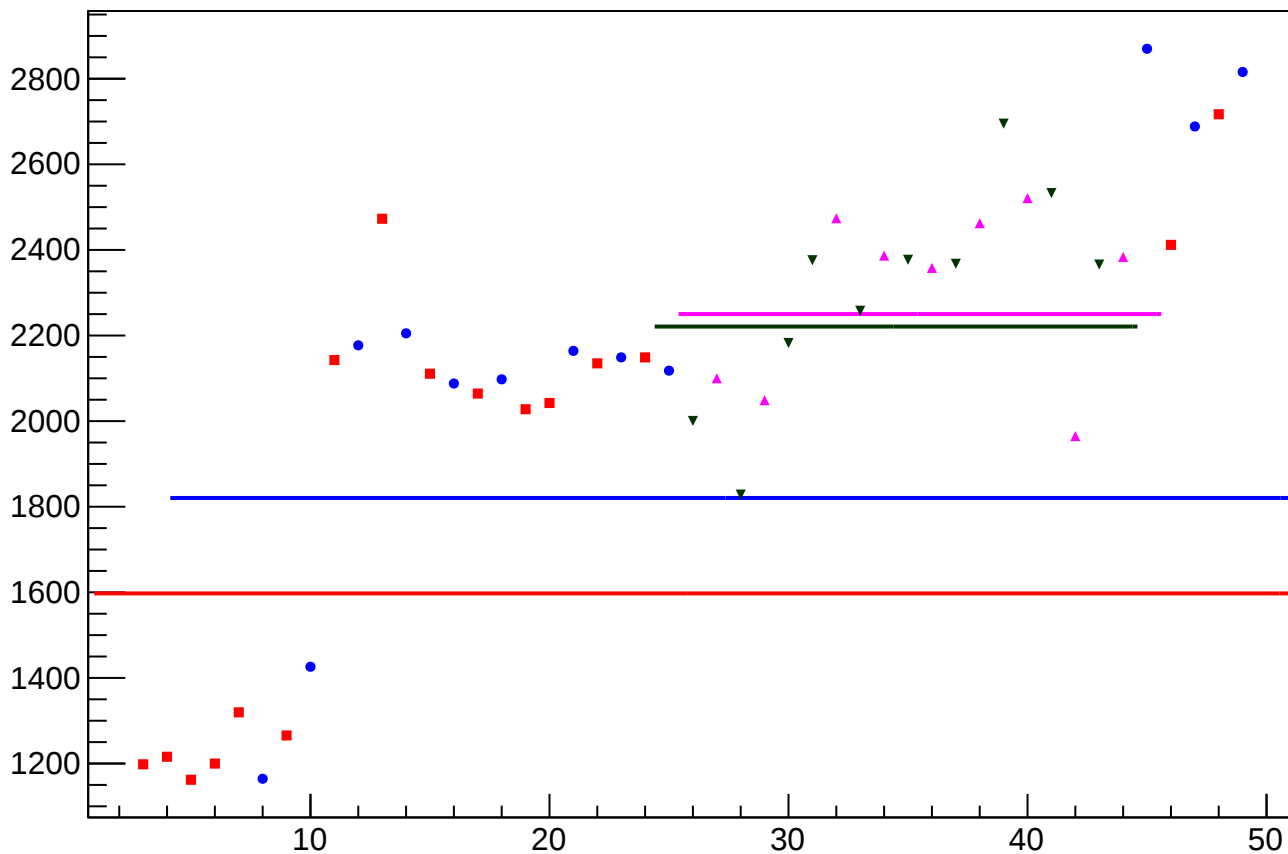
Left Out: 0.222 ± 0.986 χ^2/NDF : 14.2/9

Right Out: 0.310 ± 0.613 χ^2/NDF : 30.8/15

Left In: -0.303 ± 0.957 χ^2/NDF : 10.8/8

0.291 ± 0.381 χ^2/NDF : 66.8/46

diff_bpm11Y_rms vs slug



Right In: 1820.456 $\pm$ 0.488 χ^2 /NDF: 1315296.9/11

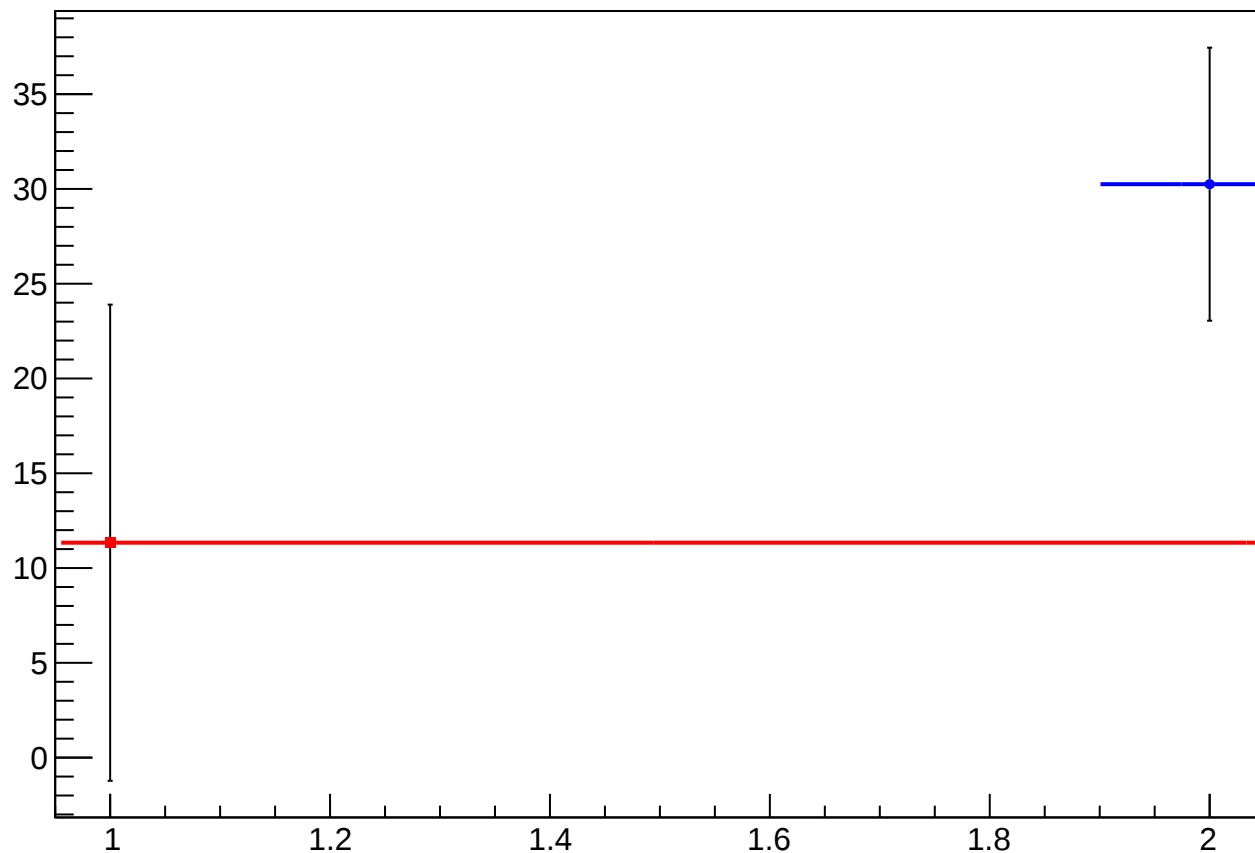
Left Out: 2220.975 $\pm$ 0.697 χ^2 /NDF:135802.0/9

Right Out: 1597.468 $\pm$ 0.434 χ^2 /NDF: 1207207.8/15

Left In: 2250.180 $\pm$ 0.677 χ^2 /NDF:87194.0/8

1862.320 $\pm$ 0.270 χ^2 /NDF: 3718972.7/46

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

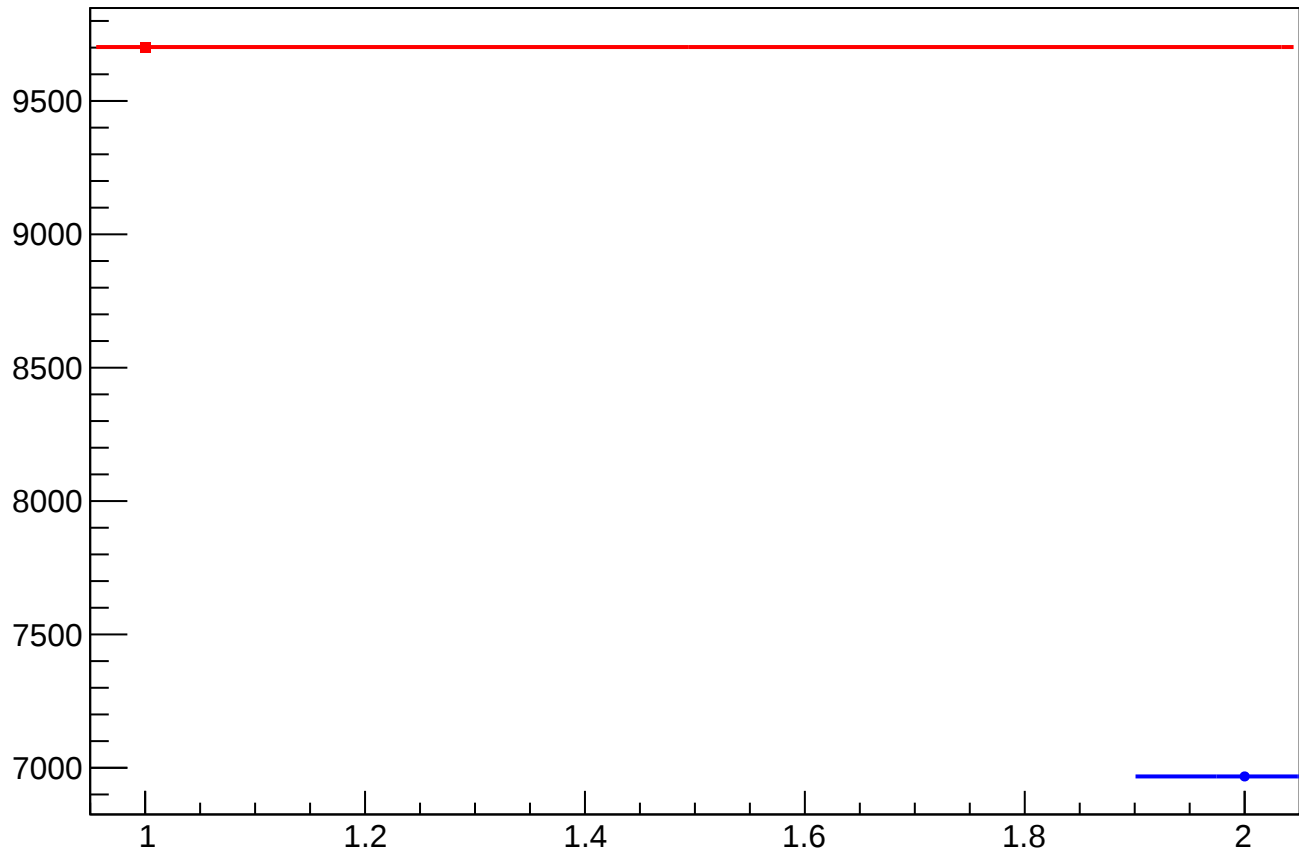
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 ± 5.093 χ^2/NDF : 0.0/0

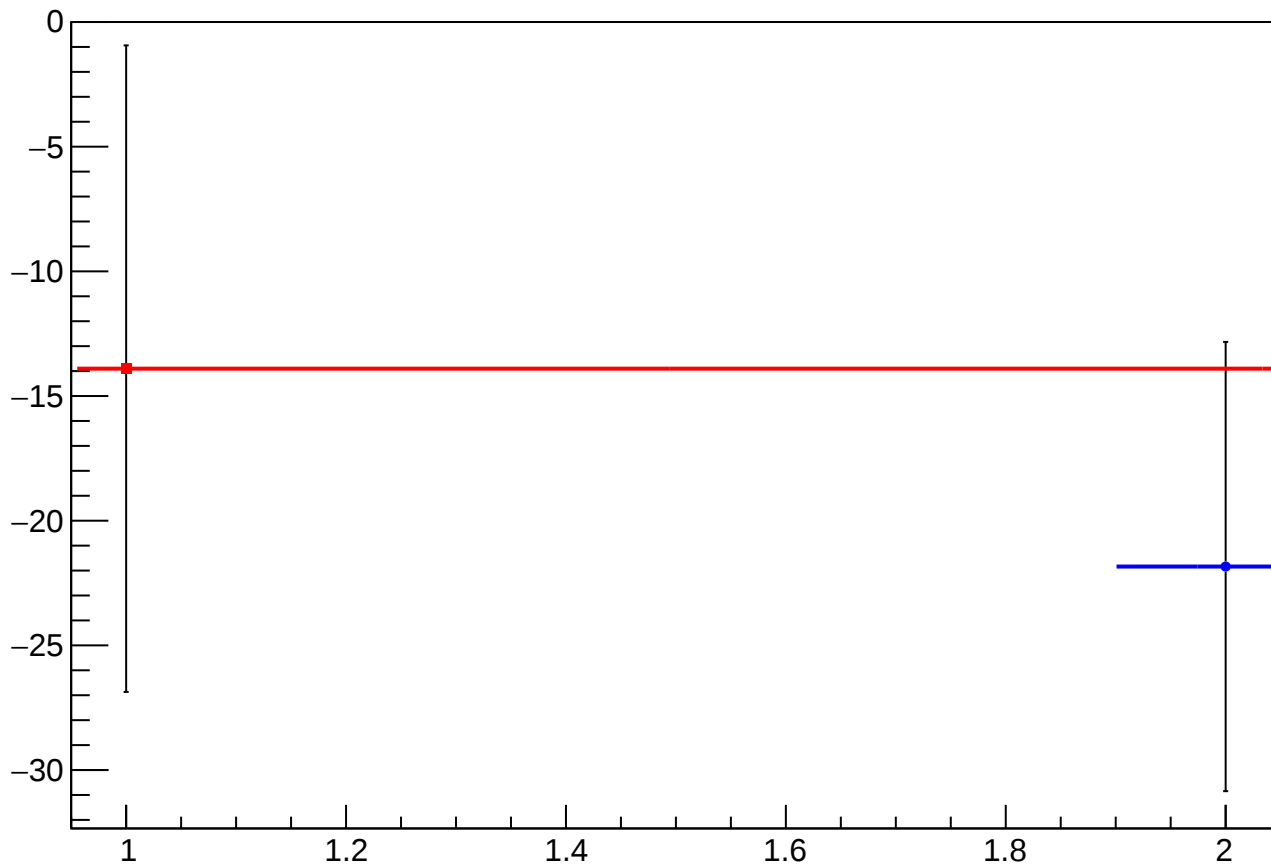
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 ± 8.882 χ^2/NDF : 0.0/0

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

7644.206 ± 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

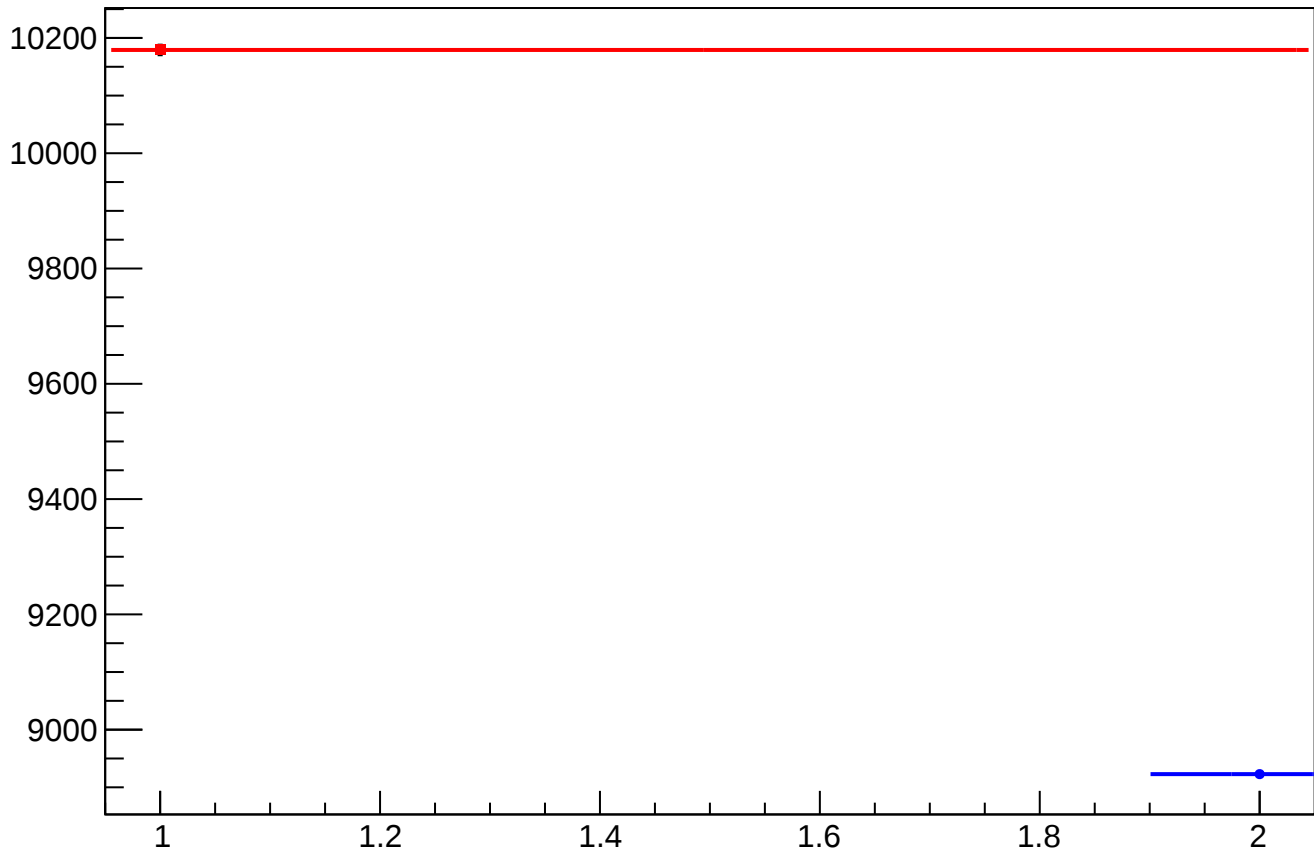
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

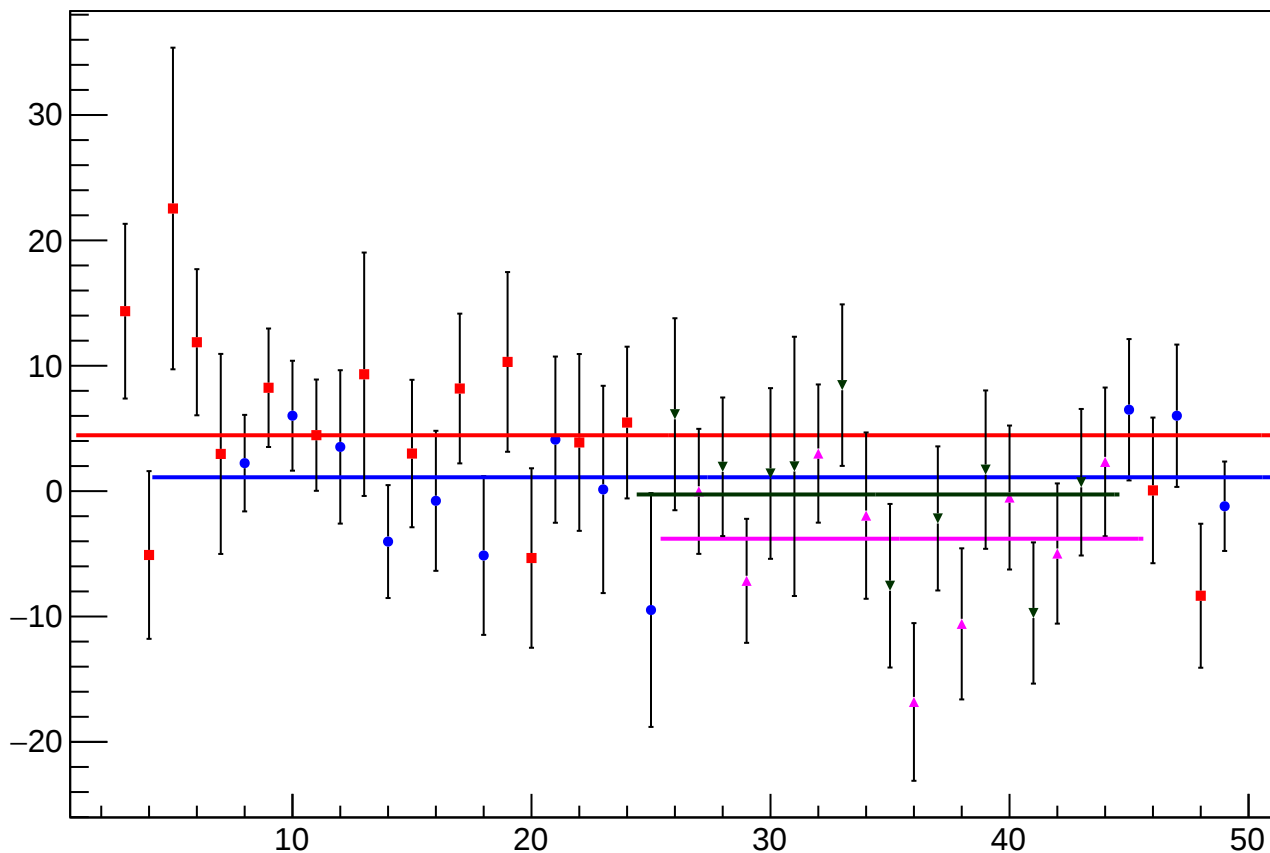
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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: 1.106 ± 1.503 $\chi^2/\text{NDF}: 7.5/11$

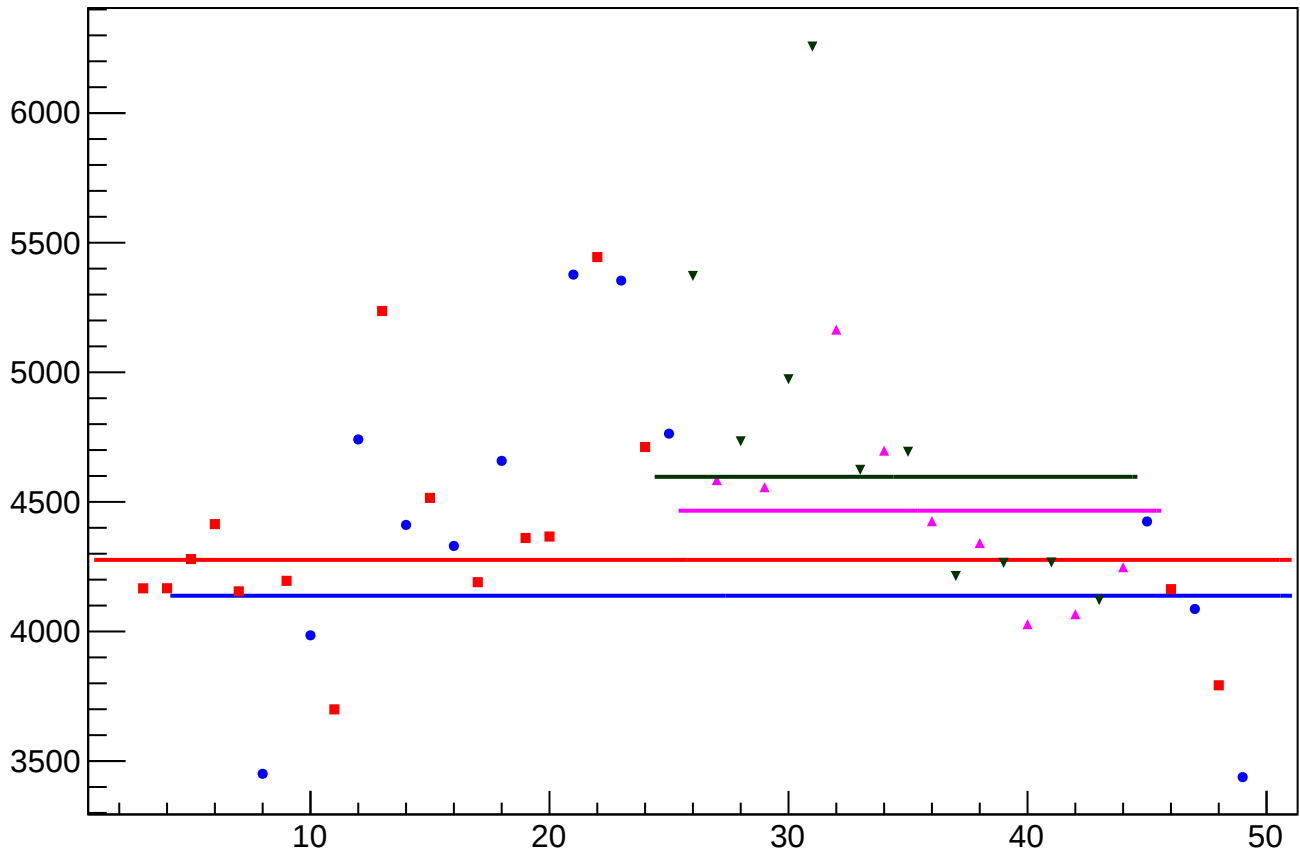
Left Out: -0.266 ± 2.022 $\chi^2/\text{NDF}: 7.1/9$

Right Out: 4.456 ± 1.574 $\chi^2/\text{NDF}: 17.2/15$

Left In: -3.796 ± 1.889 $\chi^2/\text{NDF}: 9.6/8$

0.846 ± 0.854 $\chi^2/\text{NDF}: 53.0/46$

diff_bpm16X_rms vs slug



Right In: 4137.933+/-1.063 χ^2/NDF : 313313.4/11

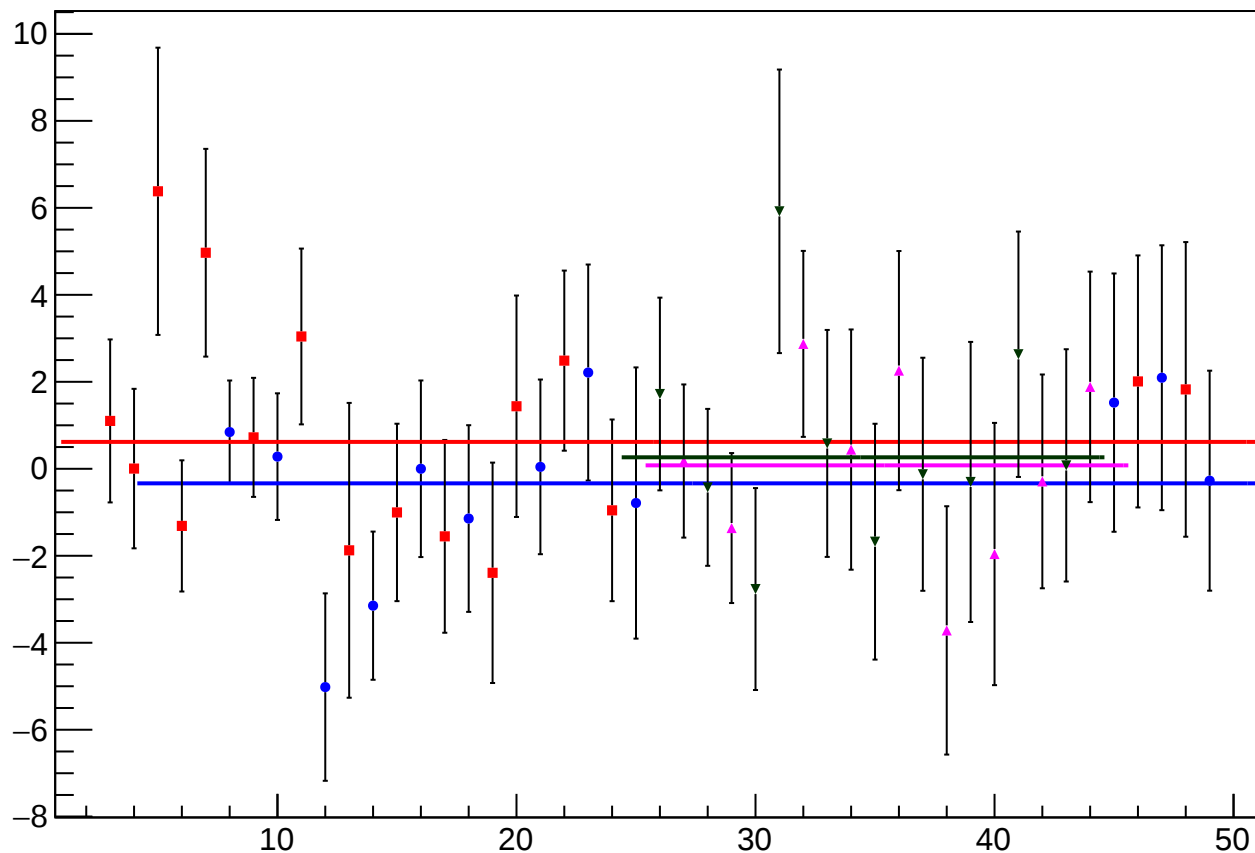
Left Out: 4596.789+/-1.430 χ^2/NDF :114406.0/9

4327.580+/-0.604 χ^2/NDF : 710801.9/46

Right Out: 4276.305+/-1.113 χ^2/NDF : 141092.5/15

Left In: 4466.082+/-1.336 χ^2/NDF :61839.9/8

diff_bpm16Y_mean vs slug



Right In: -0.335 ± 0.569 $\chi^2/\text{NDF}: 10.9/11$

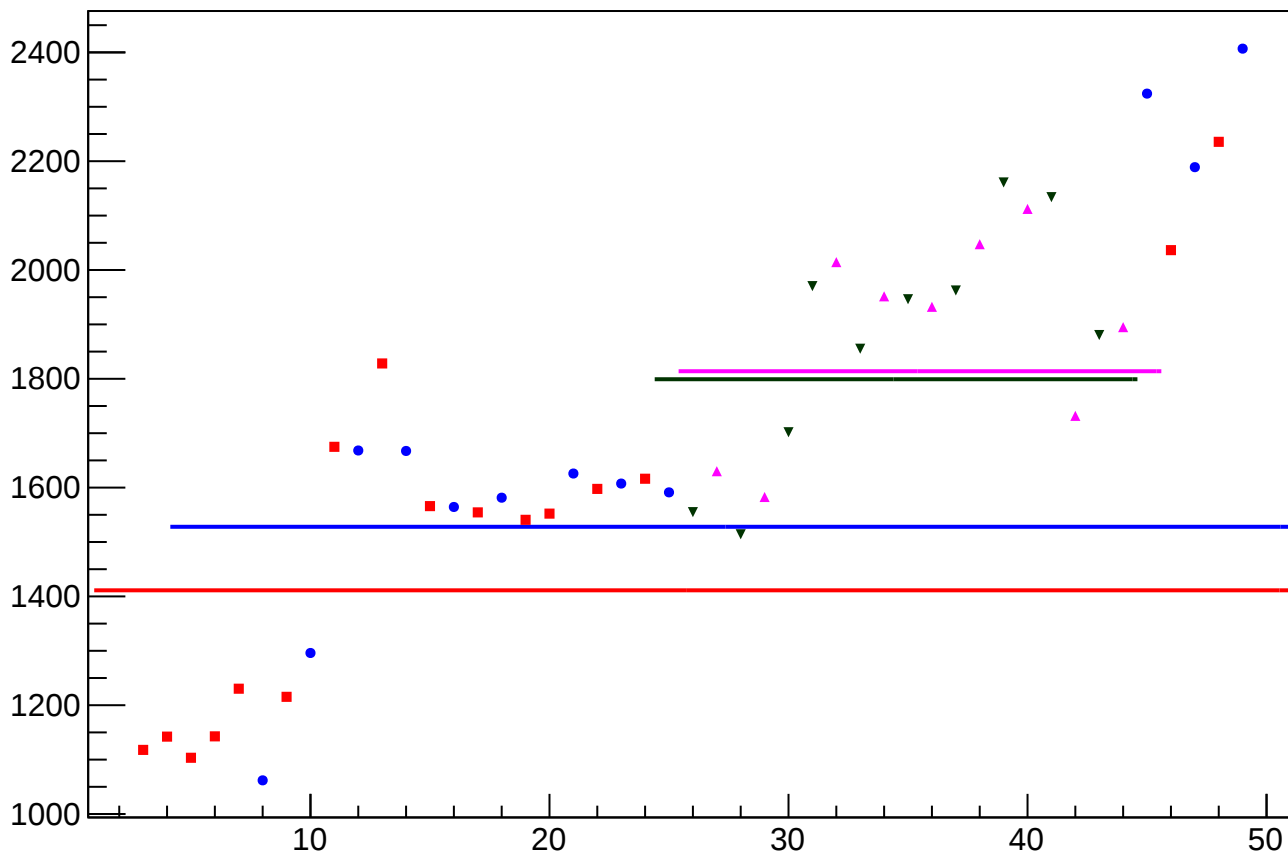
Left Out: 0.264 ± 0.797 $\chi^2/\text{NDF}: 6.6/9$

Right Out: 0.618 ± 0.529 $\chi^2/\text{NDF}: 15.0/15$

Left In: 0.079 ± 0.771 $\chi^2/\text{NDF}: 5.8/8$

0.174 ± 0.317 $\chi^2/\text{NDF}: 39.8/46$

diff_bpm16Y_rms vs slug



Right In: 1527.973 $\pm$ 0.402 χ^2 /NDF: 871030.5/11

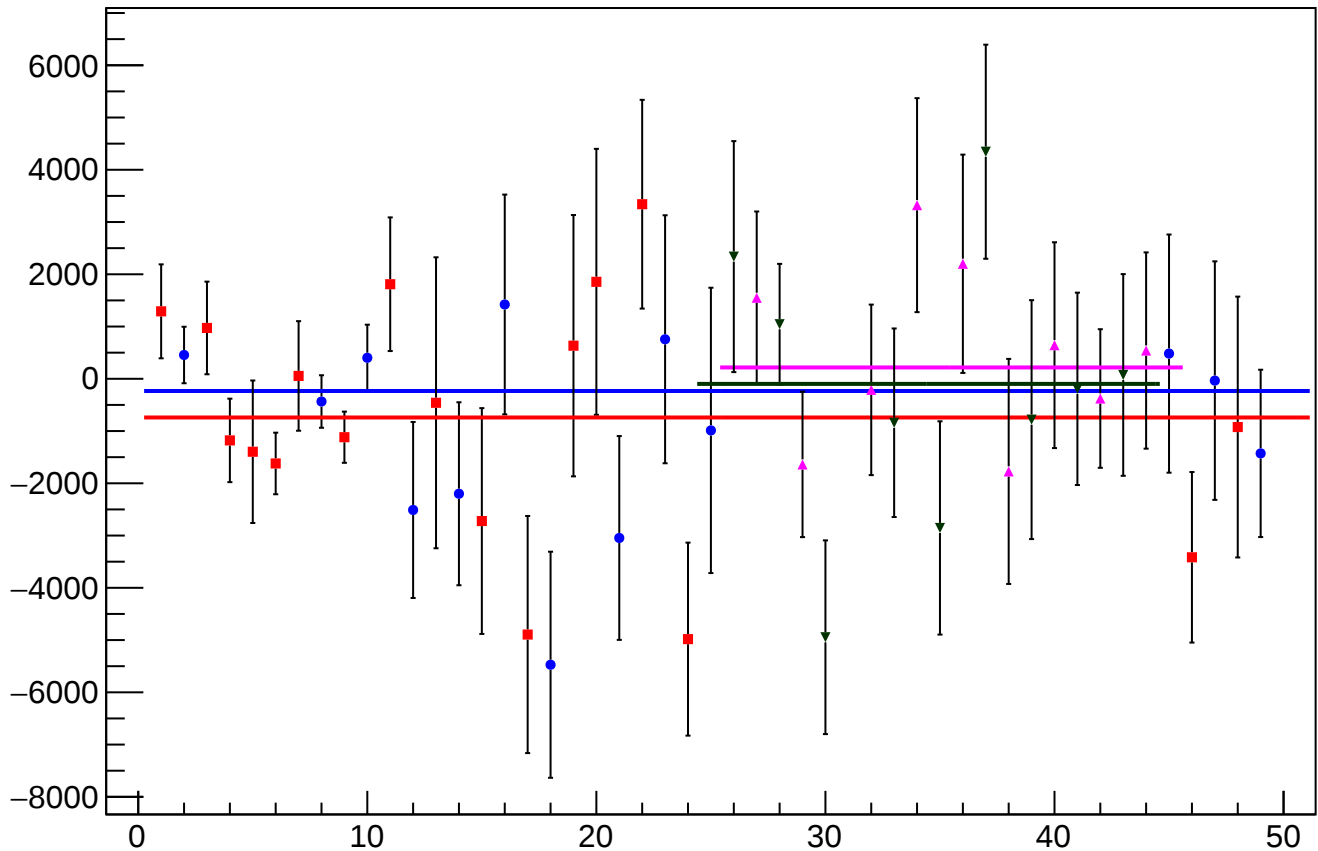
Left Out: 1799.198 $\pm$ 0.563 χ^2 /NDF:152718.9/9

Right Out: 1411.196 $\pm$ 0.374 χ^2 /NDF: 567828.4/15

Left In: 1813.912 $\pm$ 0.545 χ^2 /NDF:121077.4/8

1577.357 $\pm$ 0.224 χ^2 /NDF: 2268489.3/46

asym_sam1_mean vs slug



Right In: -233.438+/-284.625 χ^2/NDF : 15.4/12

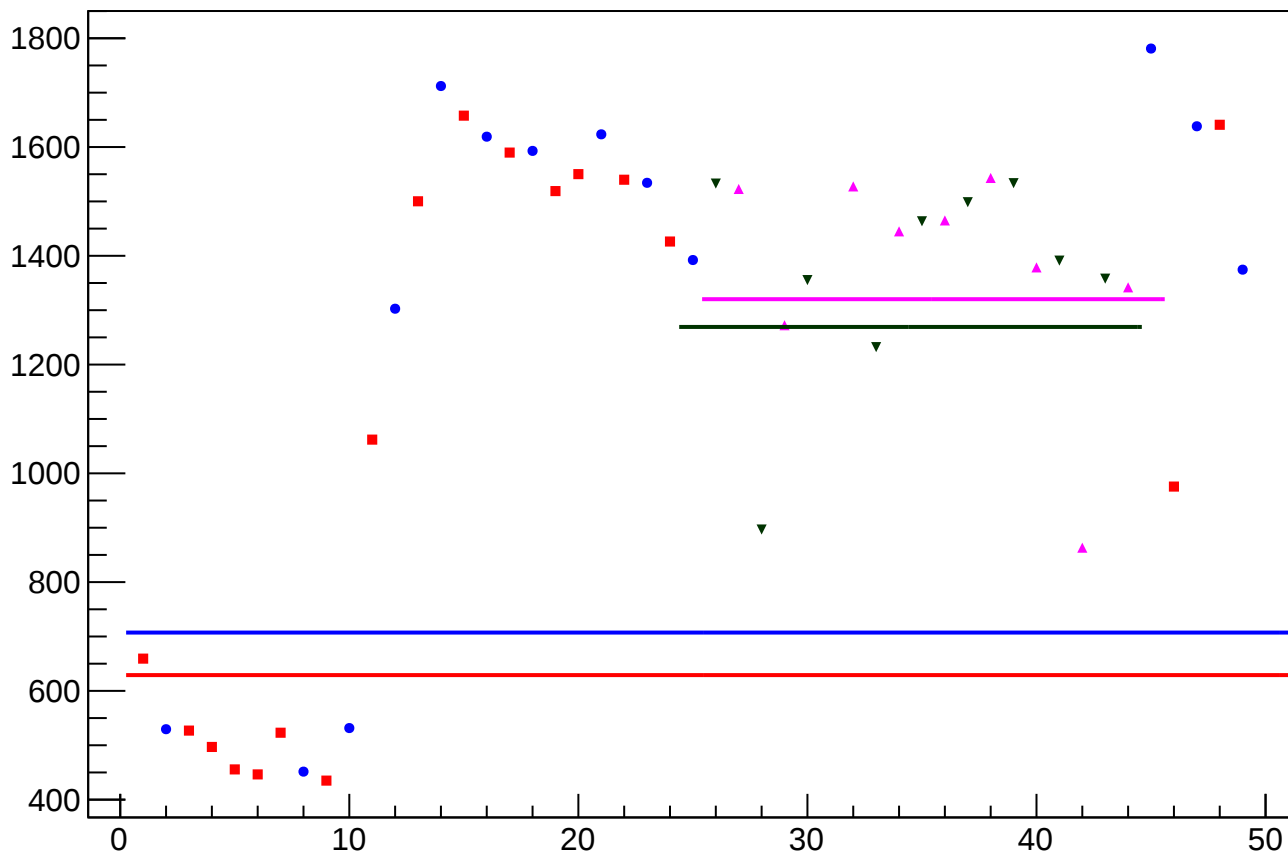
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

-410.942+/-173.296 χ^2/NDF : 76.0/47

Right Out: -740.462+/-257.211 χ^2/NDF : 34.4/16

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

asym_sam1_rms vs slug



Right In: 707.226+/-0.201 χ^2/NDF : 4442388.1/12

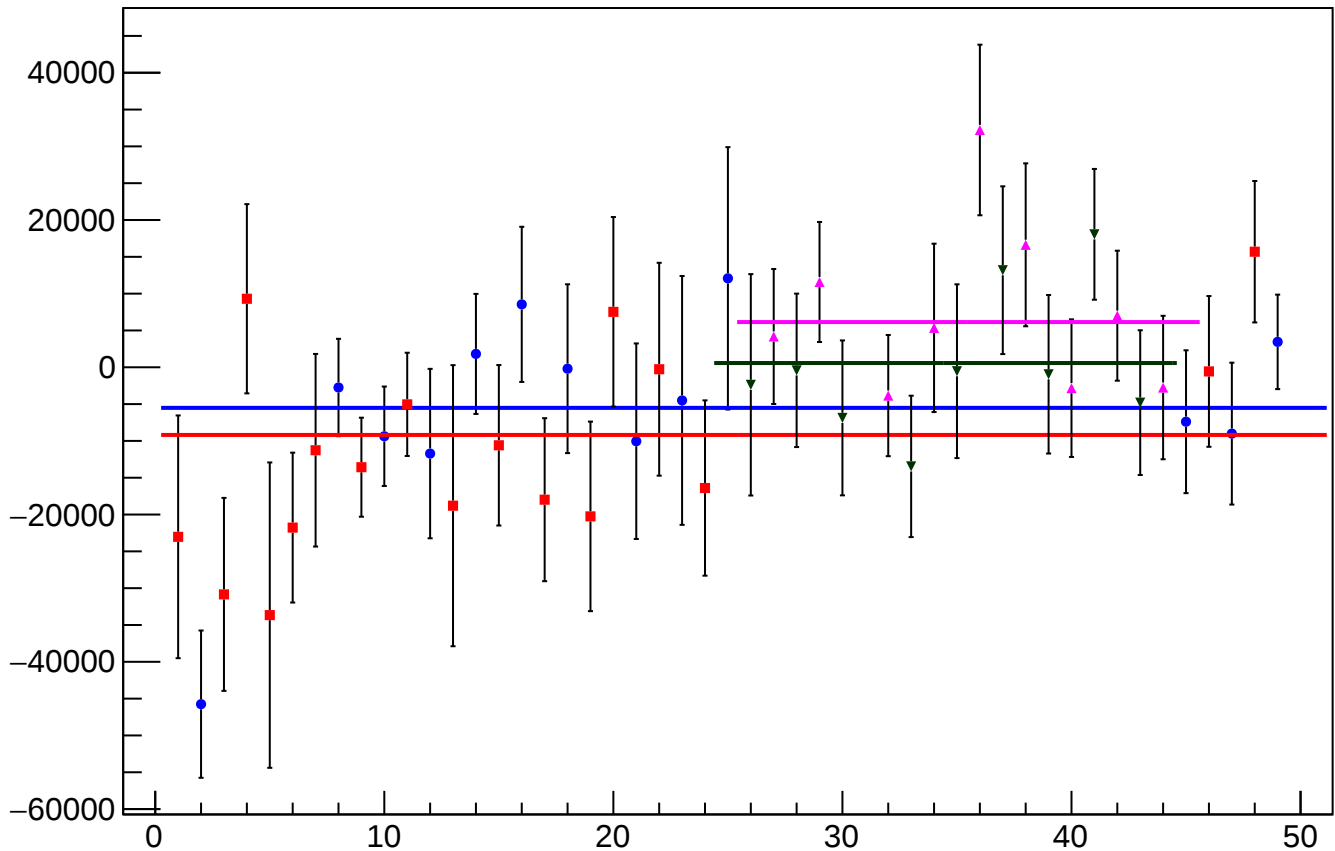
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 629.016+/-0.182 χ^2/NDF : 3602398.0/16

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

774.943+/-0.123 χ^2/NDF : 12645784.4/47

asym_sam2_mean vs slug



Right In: -5511.217 $\pm$ 2564.585 χ^2/NDF : 23.0/12

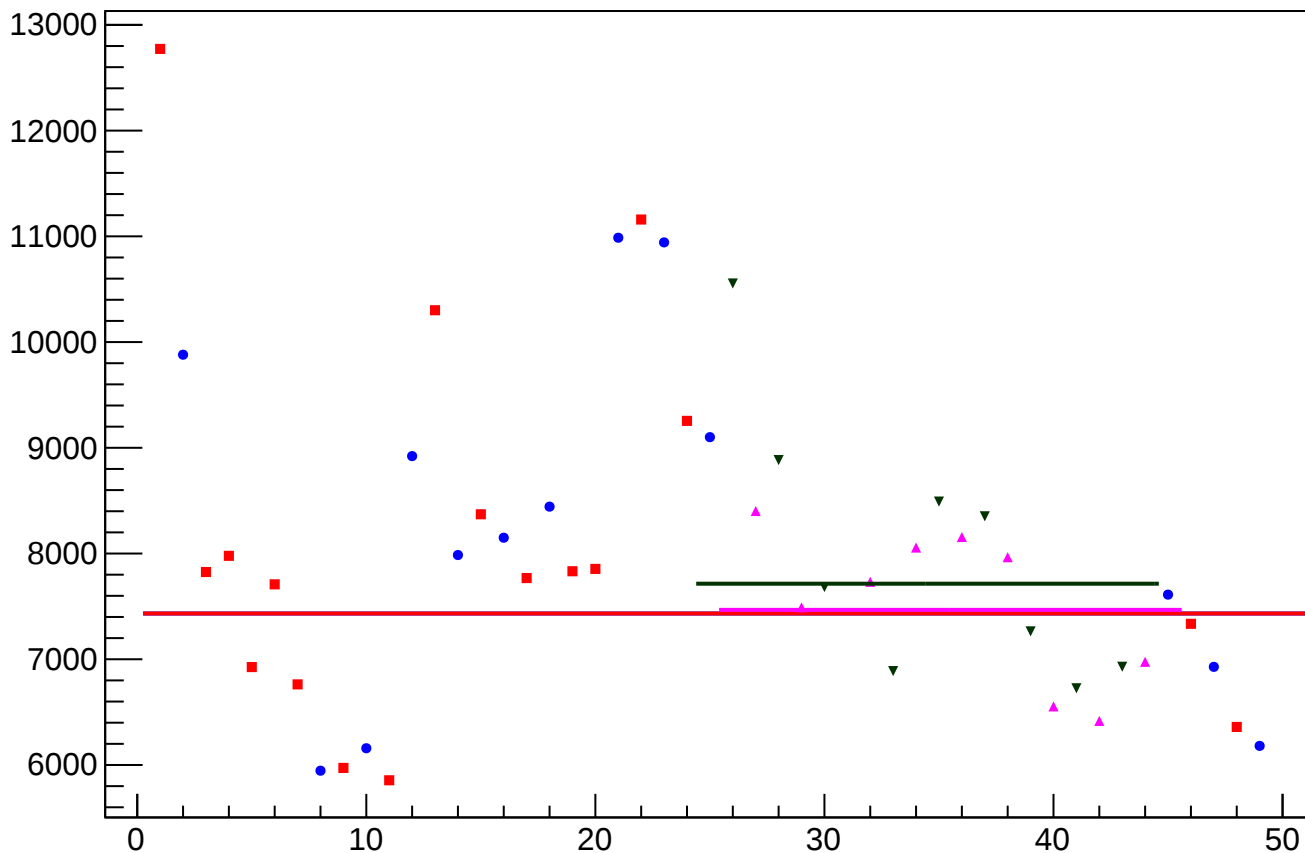
Left Out: 577.076 $\pm$ 3533.752 χ^2/NDF : 8.1/8

-3098.269 $\pm$ 1456.461 χ^2/NDF : 77.2/47

Right Out: -9188.759 $\pm$ 2677.628 χ^2/NDF : 20.7/16

Left In: 6139.136 $\pm$ 3165.220 χ^2/NDF : 9.7/8

asym_sam2_rms vs slug



Right In: 7432.581+/-1.813 χ^2/NDF : 689075.1/12

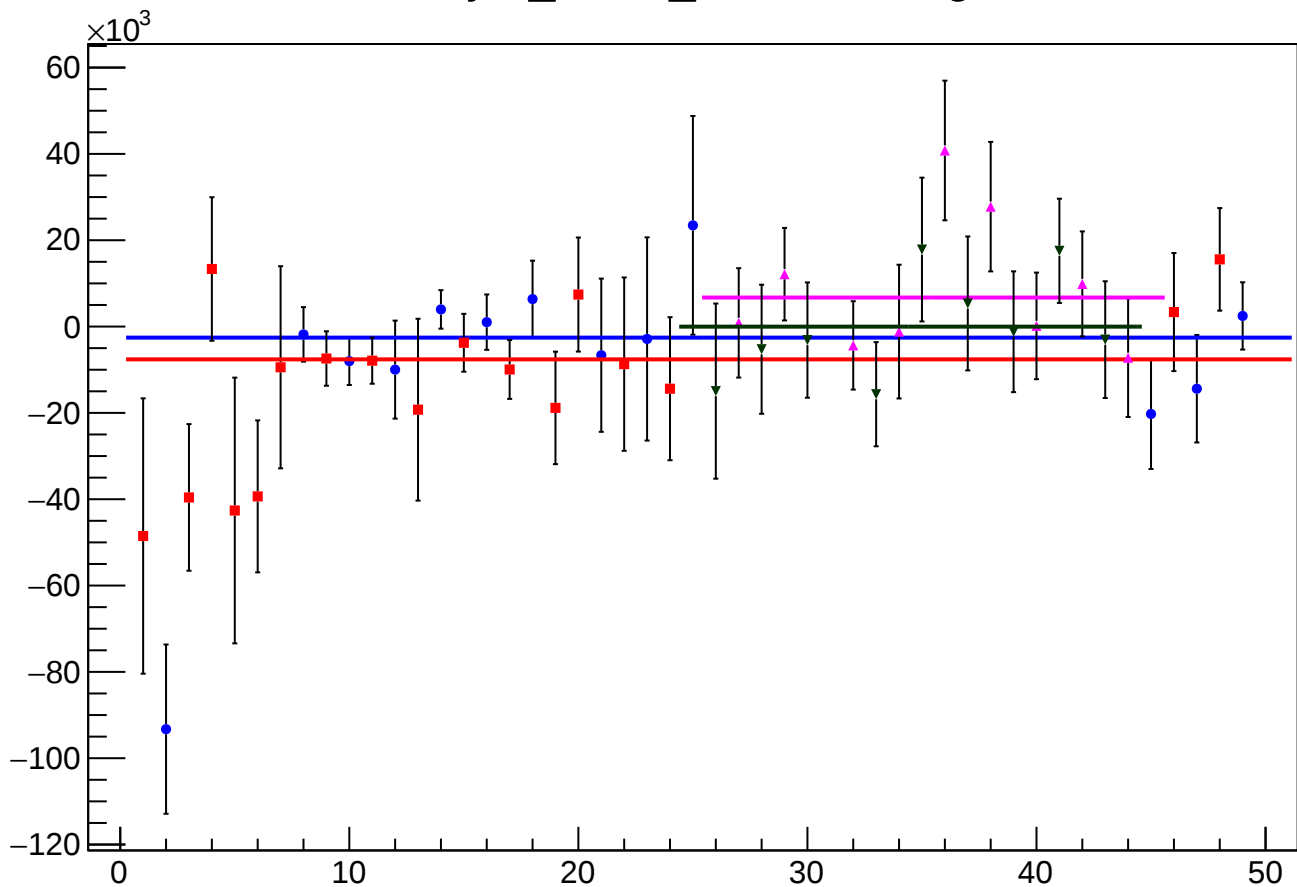
Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

Right Out: 7432.942+/-1.893 χ^2/NDF : 689680.7/16

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

7487.932+/-1.030 χ^2/NDF : 1648089.3/47

asym_sam3_mean vs slug



Right In: -2561.833 $\pm$ 2289.456 χ^2 /NDF: 30.6/12

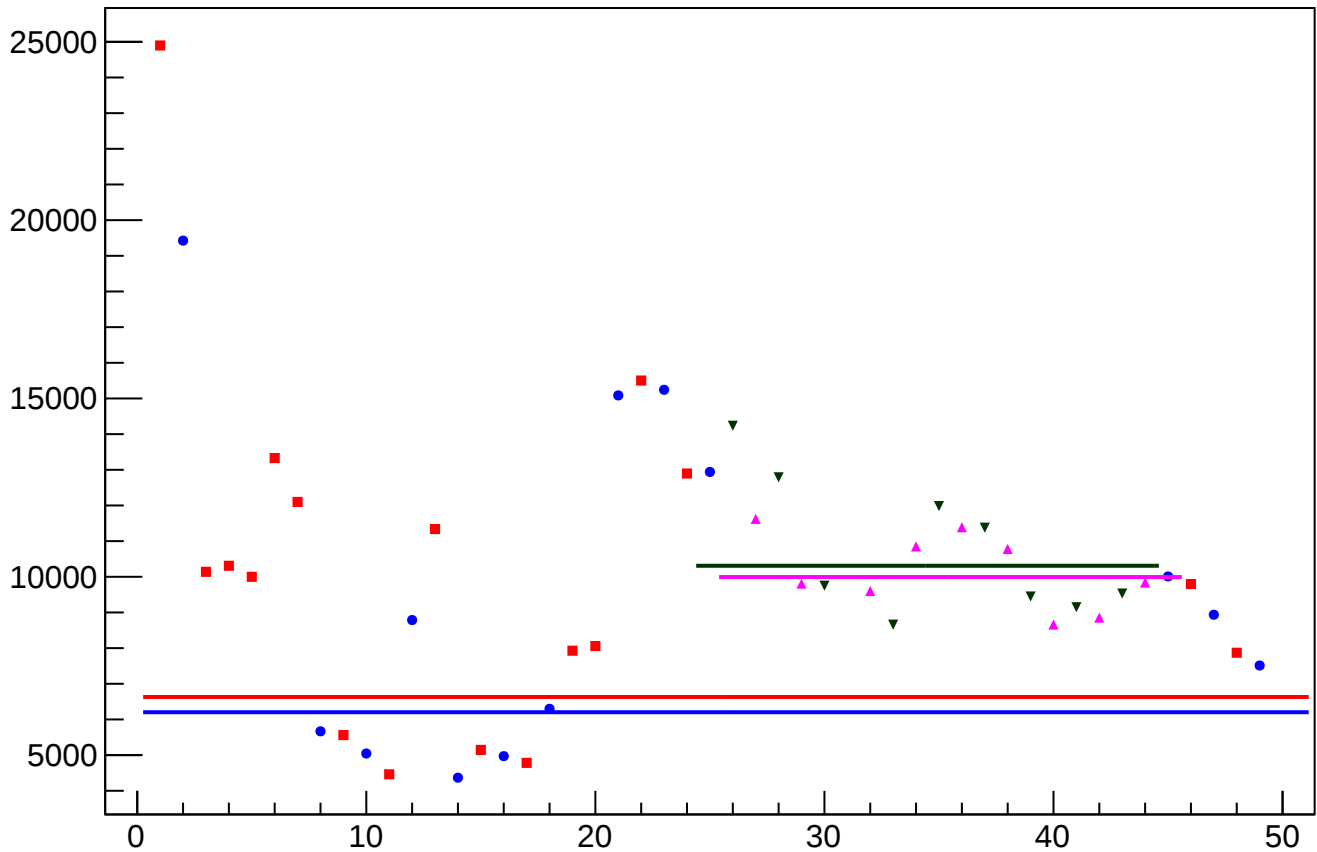
Left Out: -18.907 $\pm$ 4736.066 χ^2 /NDF: 5.8/8

-2854.561 $\pm$ 1505.144 χ^2 /NDF: 73.7/47

Right Out: -7597.674 $\pm$ 2577.433 χ^2 /NDF: 18.7/16

Left In: 6722.901 $\pm$ 4244.094 χ^2 /NDF: 9.7/8

asym_sam3_rms vs slug



Right In: 6202.724+/-1.619 χ^2/NDF : 2795597.7/12

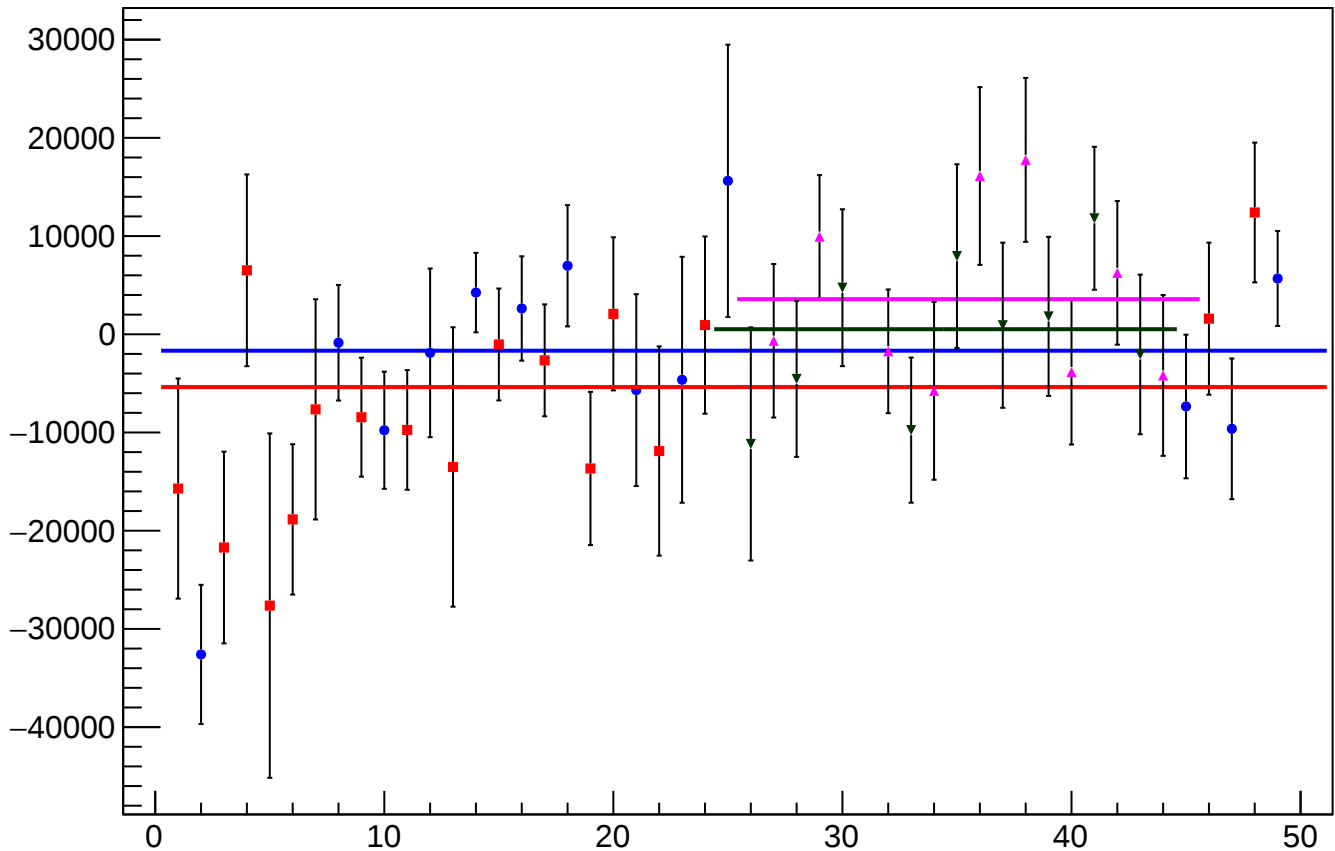
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

7239.924+/-1.064 χ^2/NDF : 8179697.5/47

Right Out: 6629.979+/-1.823 χ^2/NDF : 2842424.2/16

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -1672.000+/-1778.399 χ^2/NDF : 31.6/12

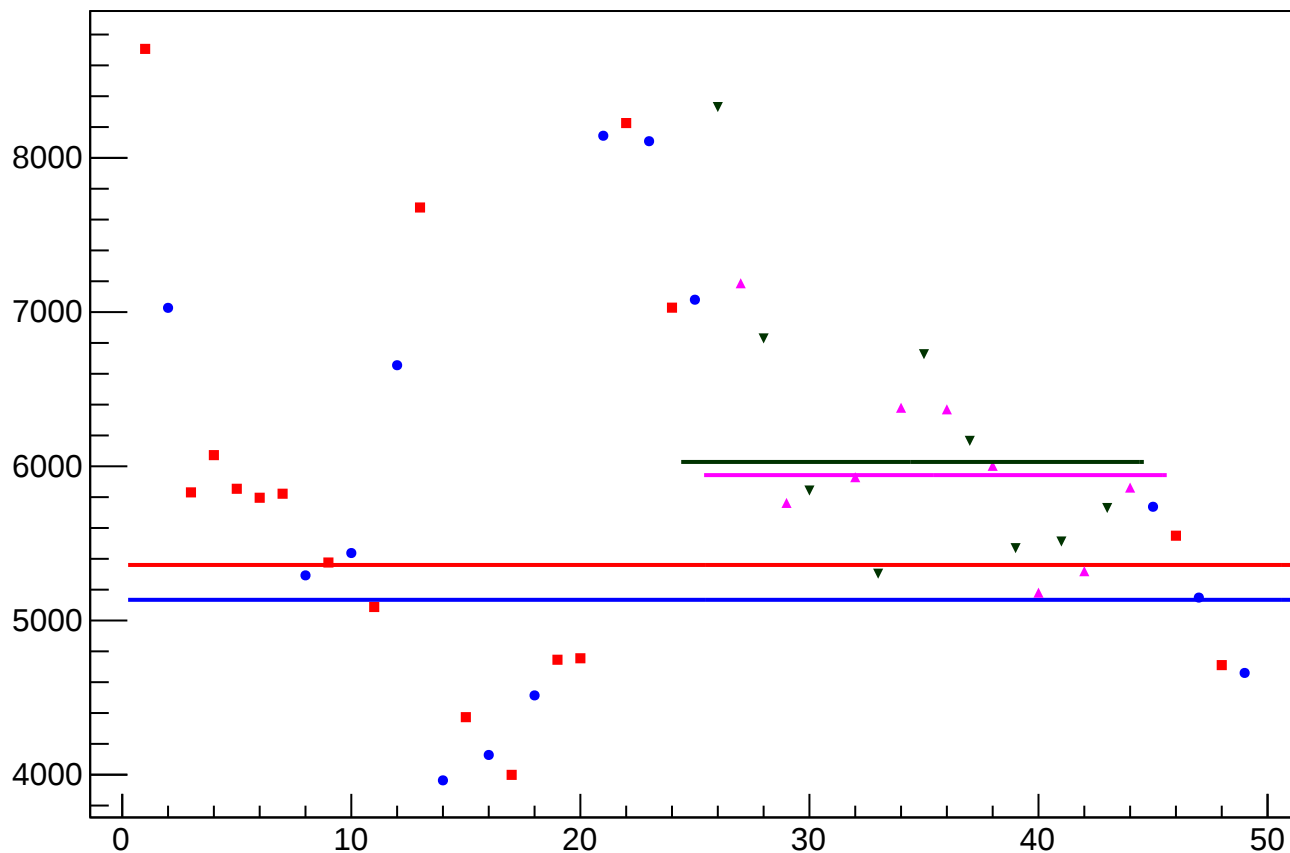
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

-1531.126+/-1069.587 χ^2/NDF : 78.7/47

Right Out: -5373.089+/-1930.240 χ^2/NDF : 21.7/16

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

asym_sam4_rms vs slug



Right In: 5134.137 ± 1.258 χ^2/NDF : 846487.6/12

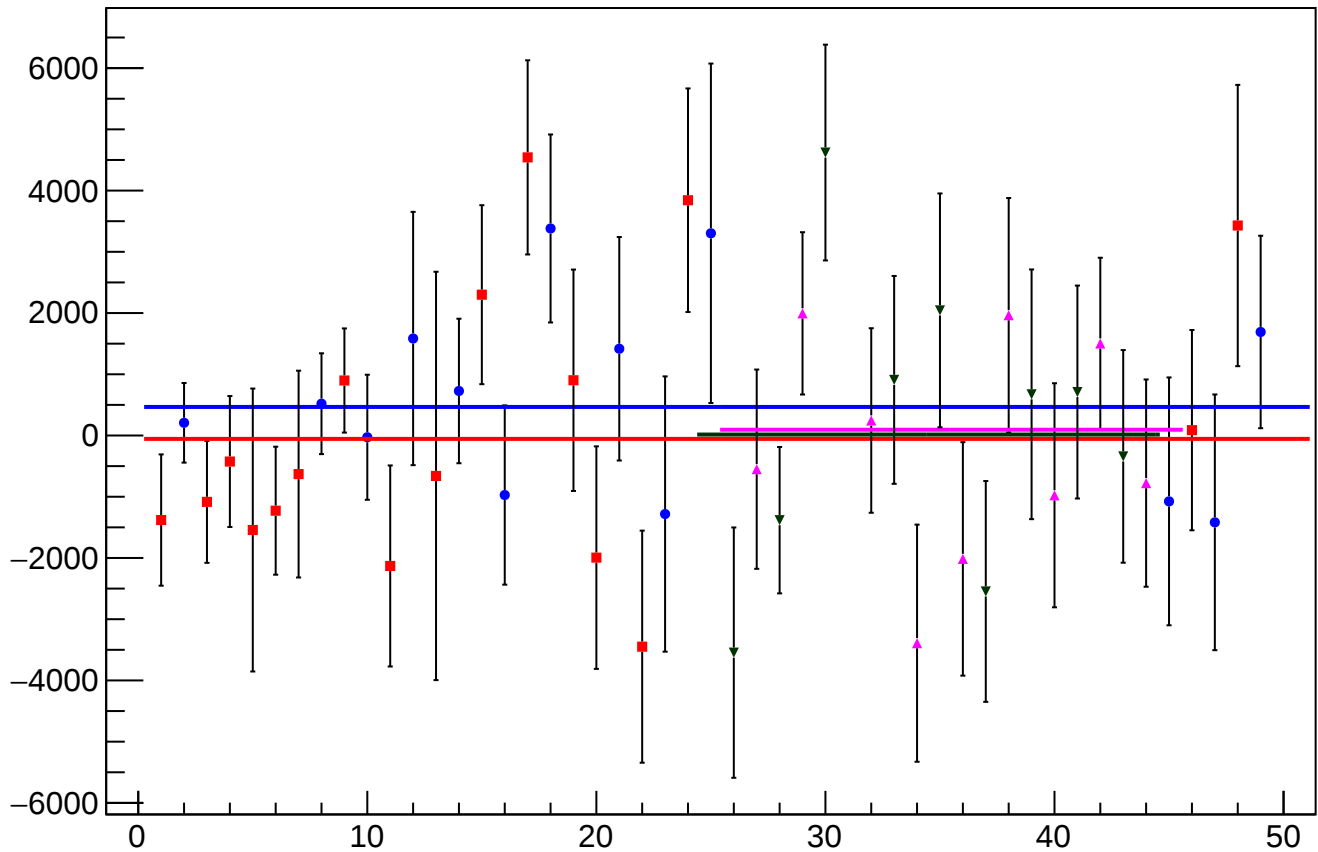
Left Out: 6028.268 ± 1.948 χ^2/NDF : 149820.8/8

Right Out: 5360.228 ± 1.365 χ^2/NDF : 691902.0/16

Left In: 5942.882 ± 1.780 χ^2/NDF : 97554.4/8

5484.310 ± 0.756 χ^2/NDF : 2015902.4/47

asym_sam5_mean vs slug



Right In: 466.538+/-350.339 χ^2/NDF : 9.2/12

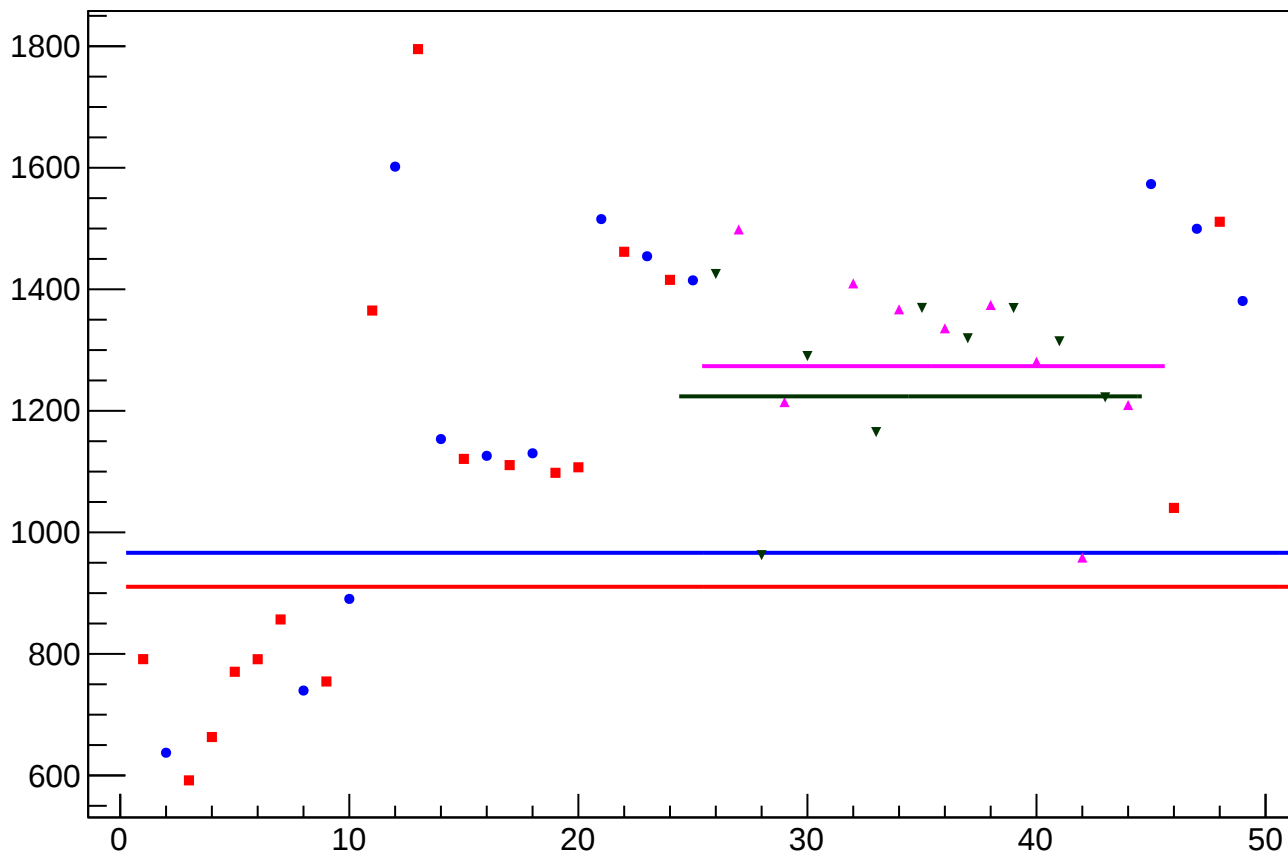
Left Out: 15.632+/-568.606 χ^2/NDF : 15.0/8

158.532+/-207.318 χ^2/NDF : 64.6/47

Right Out: -55.145+/-339.701 χ^2/NDF : 29.9/16

Left In: 94.301+/-545.541 χ^2/NDF : 9.3/8

asym_sam5_rms vs slug



Right In: 966.377+/-0.248 χ^2/NDF : 1736966.8/12

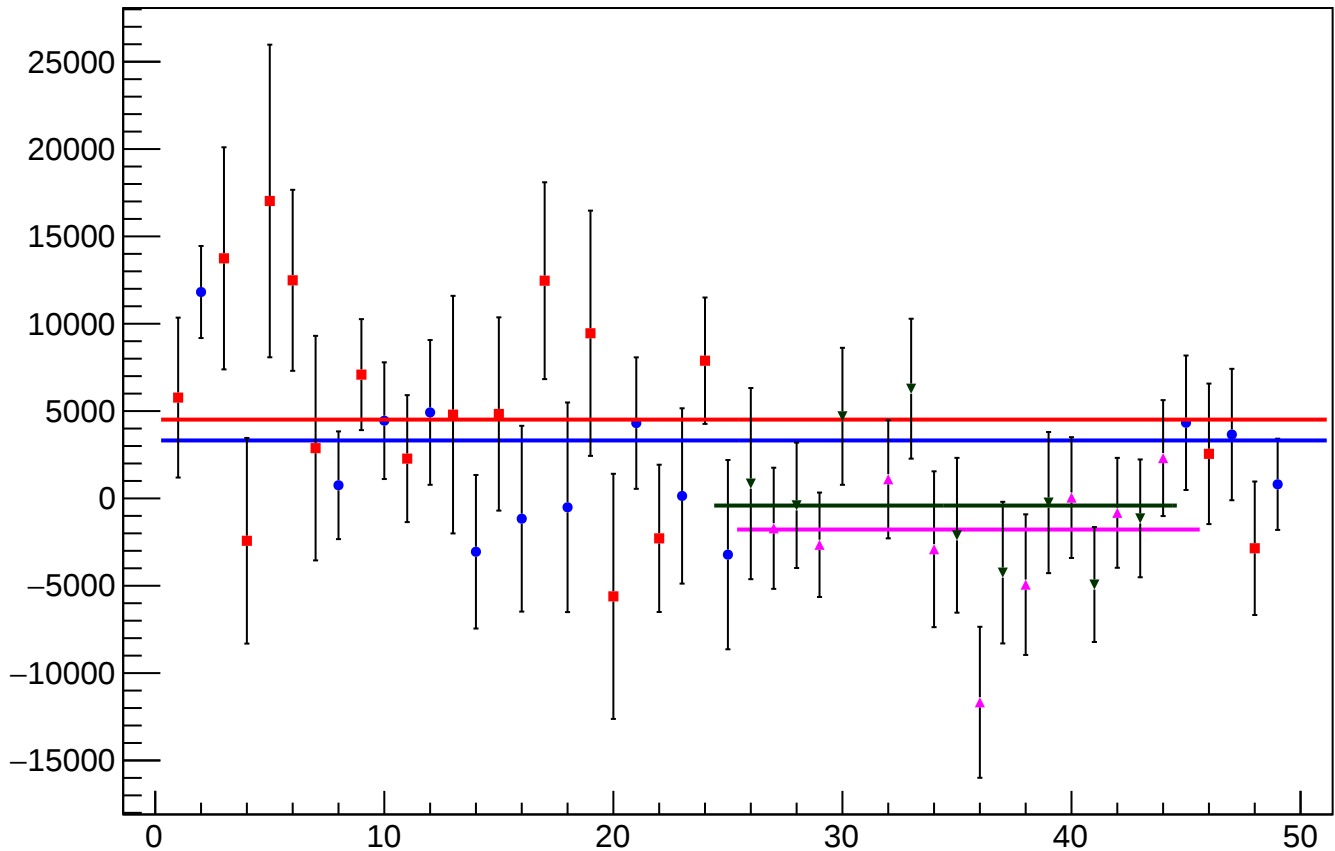
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 910.481+/-0.240 χ^2/NDF : 1322983.2/16

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

1024.142+/-0.147 χ^2/NDF : 4330883.5/47

asym_sam6_mean vs slug



Right In: 3318.246 ± 1030.805 $\chi^2/\text{NDF}: 17.5/12$

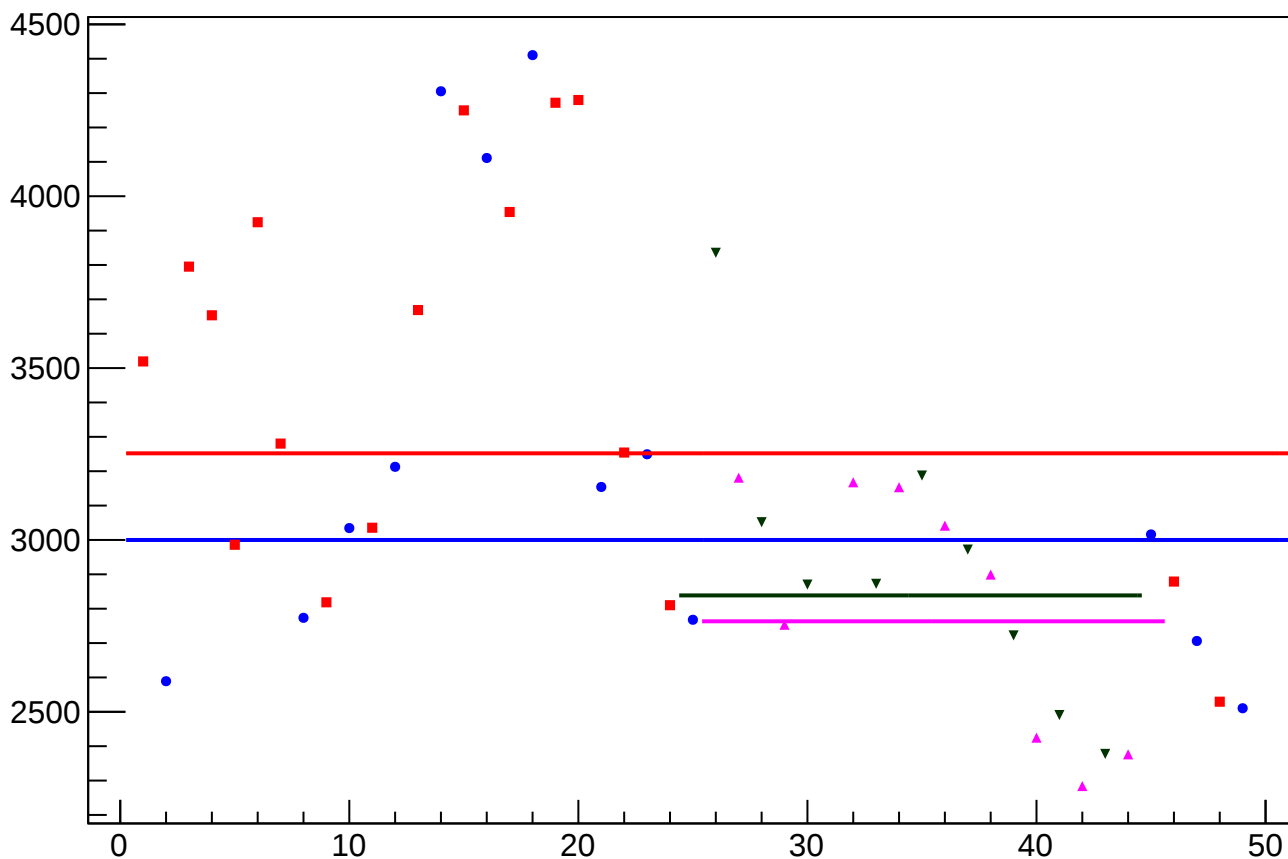
Left Out: -408.383 ± 1299.964 $\chi^2/\text{NDF}: 7.5/8$

1645.270 ± 577.761 $\chi^2/\text{NDF}: 74.3/47$

Right Out: 4511.818 ± 1162.906 $\chi^2/\text{NDF}: 21.0/16$

Left In: -1781.426 ± 1175.729 $\chi^2/\text{NDF}: 8.6/8$

asym_sam6_rms vs slug



Right In: 2999.923 ± 0.729 χ^2/NDF : 533703.5/12

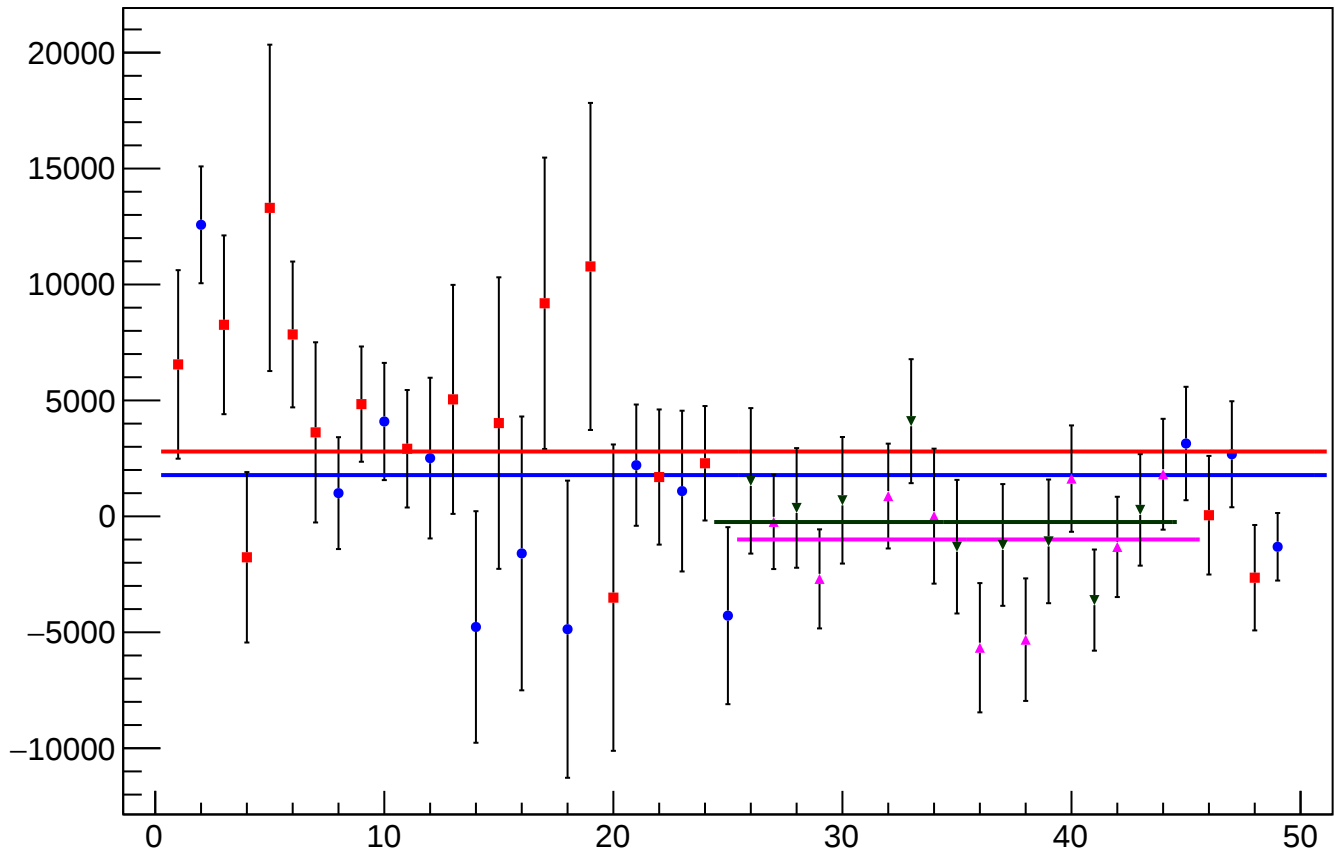
Left Out: 2838.681 ± 0.919 χ^2/NDF : 149660.0/8

Right Out: 3252.023 ± 0.822 χ^2/NDF : 417844.0/16

Left In: 2763.346 ± 0.831 χ^2/NDF : 176297.5/8

2973.171 ± 0.409 χ^2/NDF : 1478955.2/47

asym_sam7_mean vs slug



Right In: 1779.837 ± 747.393 $\chi^2/\text{NDF}: 30.0/12$

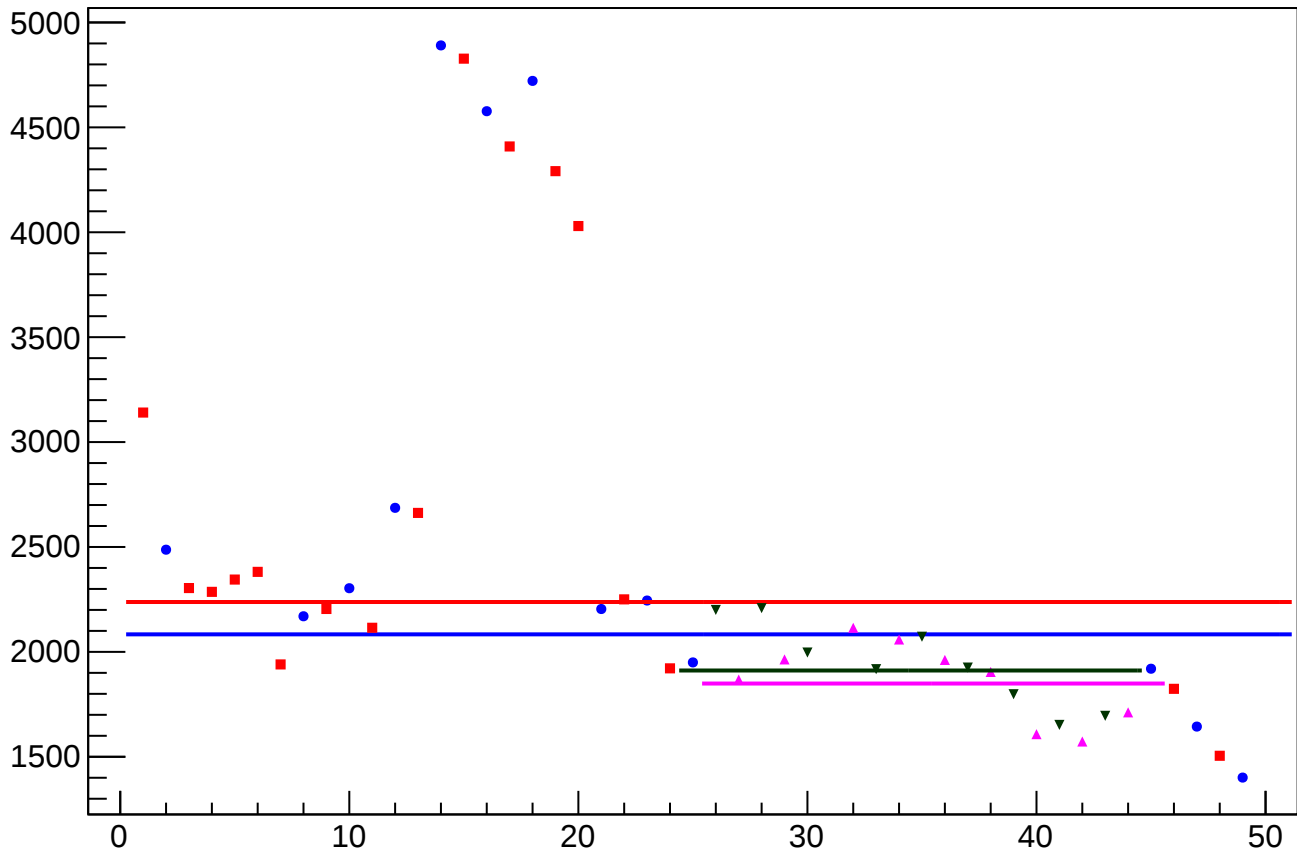
Left Out: -244.491 ± 871.961 $\chi^2/\text{NDF}: 5.9/8$

863.525 ± 401.599 $\chi^2/\text{NDF}: 80.5/47$

Right Out: 2796.364 ± 824.836 $\chi^2/\text{NDF}: 20.5/16$

Left In: -997.335 ± 784.451 $\chi^2/\text{NDF}: 9.8/8$

asym_sam7_rms vs slug



Right In: 2083.536+/-0.528 χ^2/NDF : 1990375.4/12

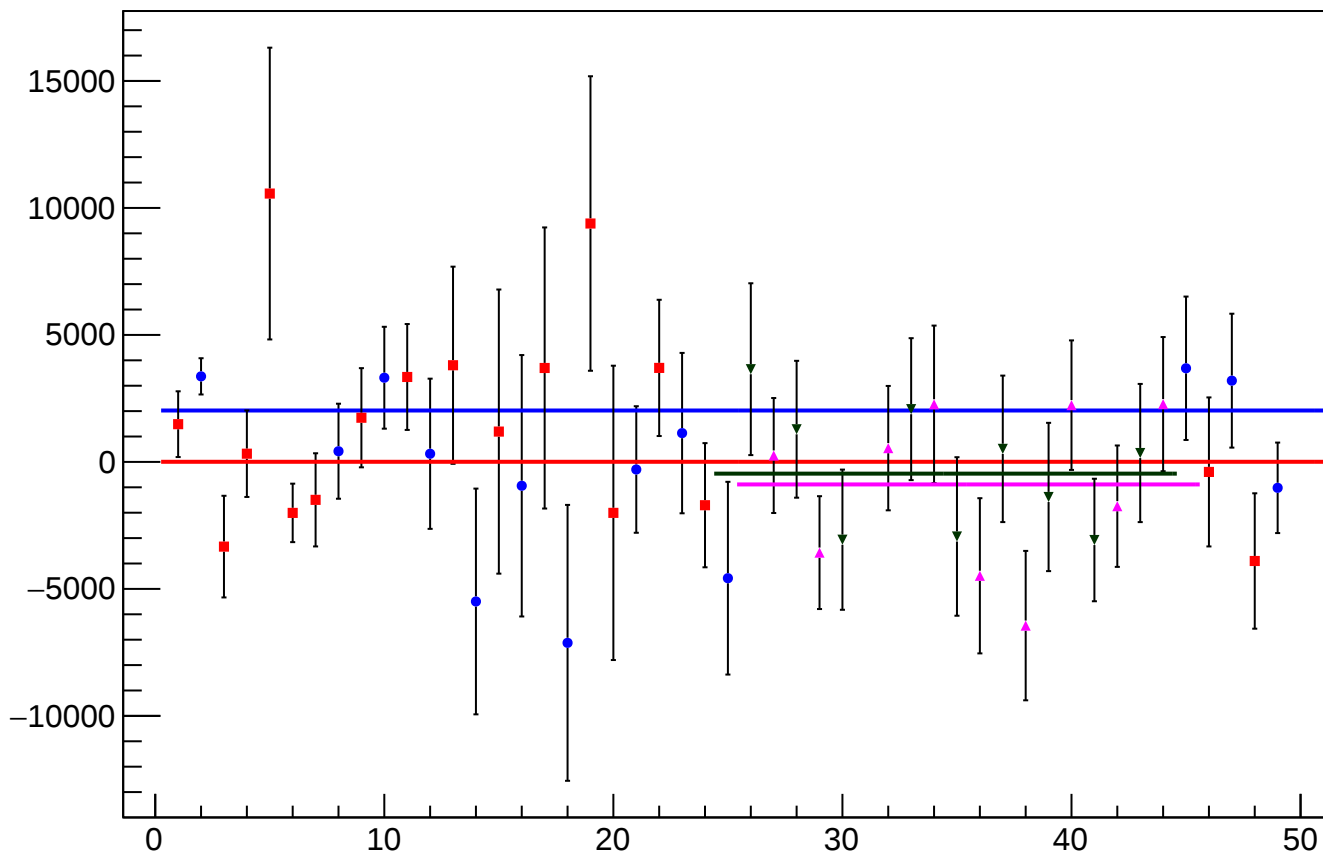
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

2022.095+/-0.284 χ^2/NDF : 3803278.6/47

Right Out: 2237.713+/-0.583 χ^2/NDF : 1323841.1/16

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

asym_sam8_mean vs slug



Right In: 2024.412 $\pm$ 523.529 χ^2 /NDF: 18.5/12

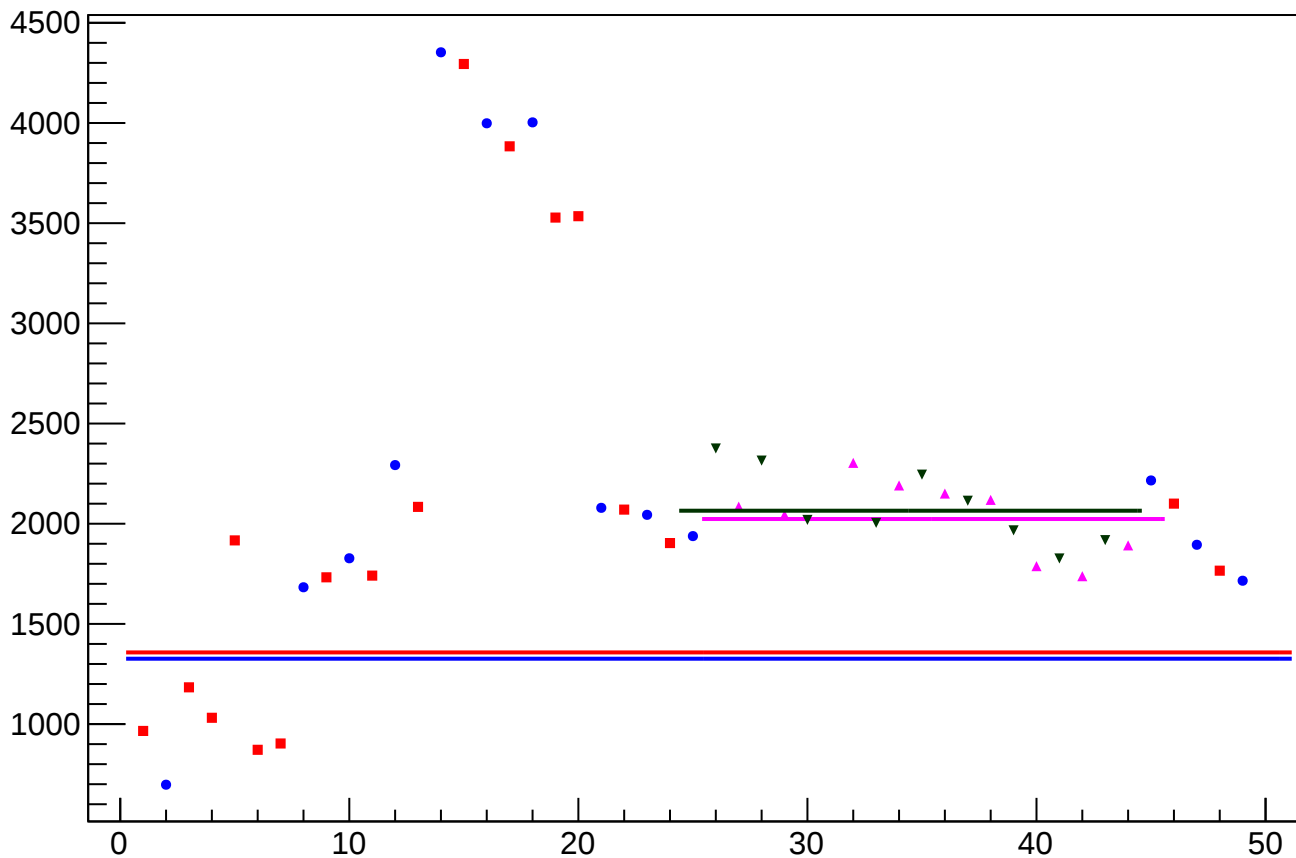
Left Out: -461.681 $\pm$ 939.996 χ^2 /NDF: 5.7/8

Right Out: 5.001 $\pm$ 533.074 χ^2 /NDF: 23.3/16

Left In: -886.546 $\pm$ 856.447 χ^2 /NDF: 11.1/8

587.063 $\pm$ 321.701 χ^2 /NDF: 71.6/47

asym_sam8_rms vs slug



Right In: 1326.259+/-0.370 χ^2/NDF : 4640767.2/12

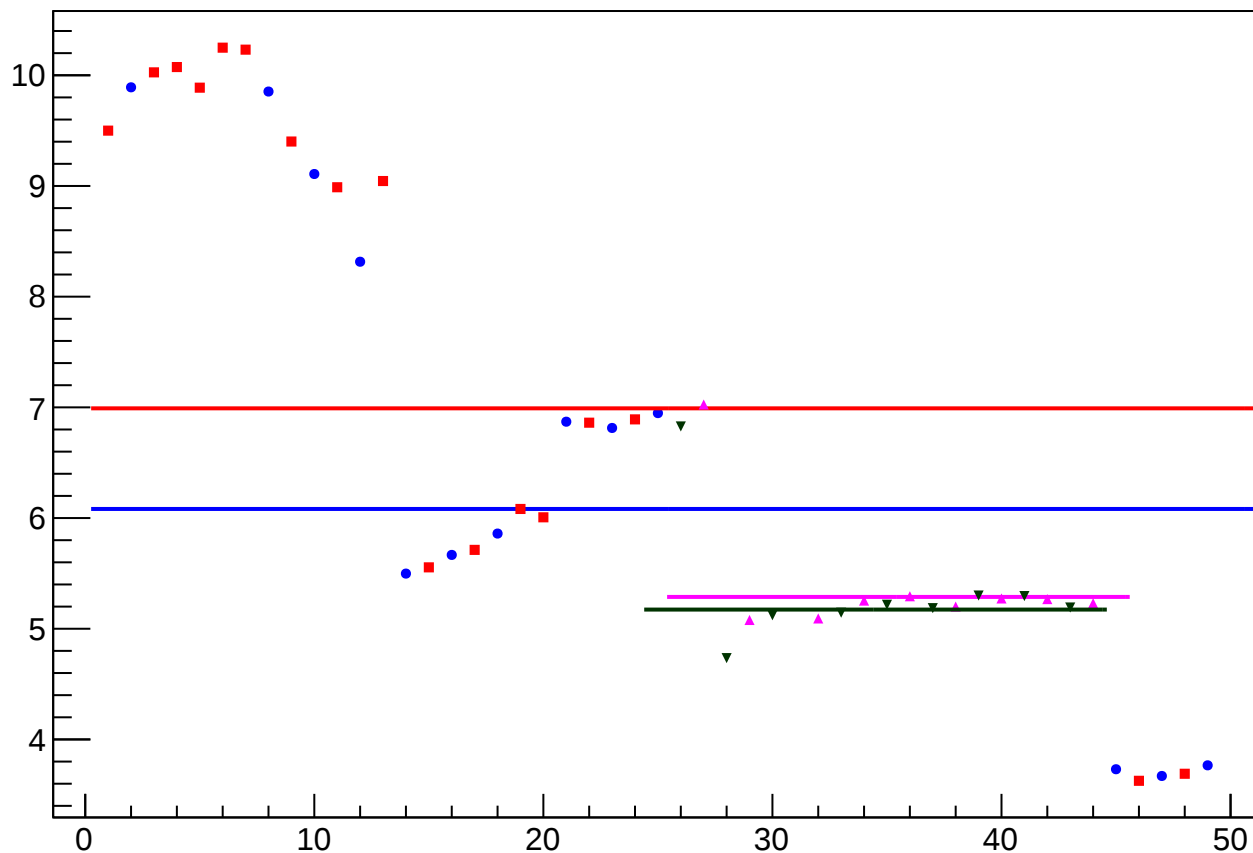
Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

1522.599+/-0.227 χ^2/NDF : 9551490.5/47

Right Out: 1357.680+/-0.377 χ^2/NDF : 2927827.0/16

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

yield_sam1_mean vs slug



Right In: 6.082+/-0.000 χ^2/NDF : 140618718891.8/12

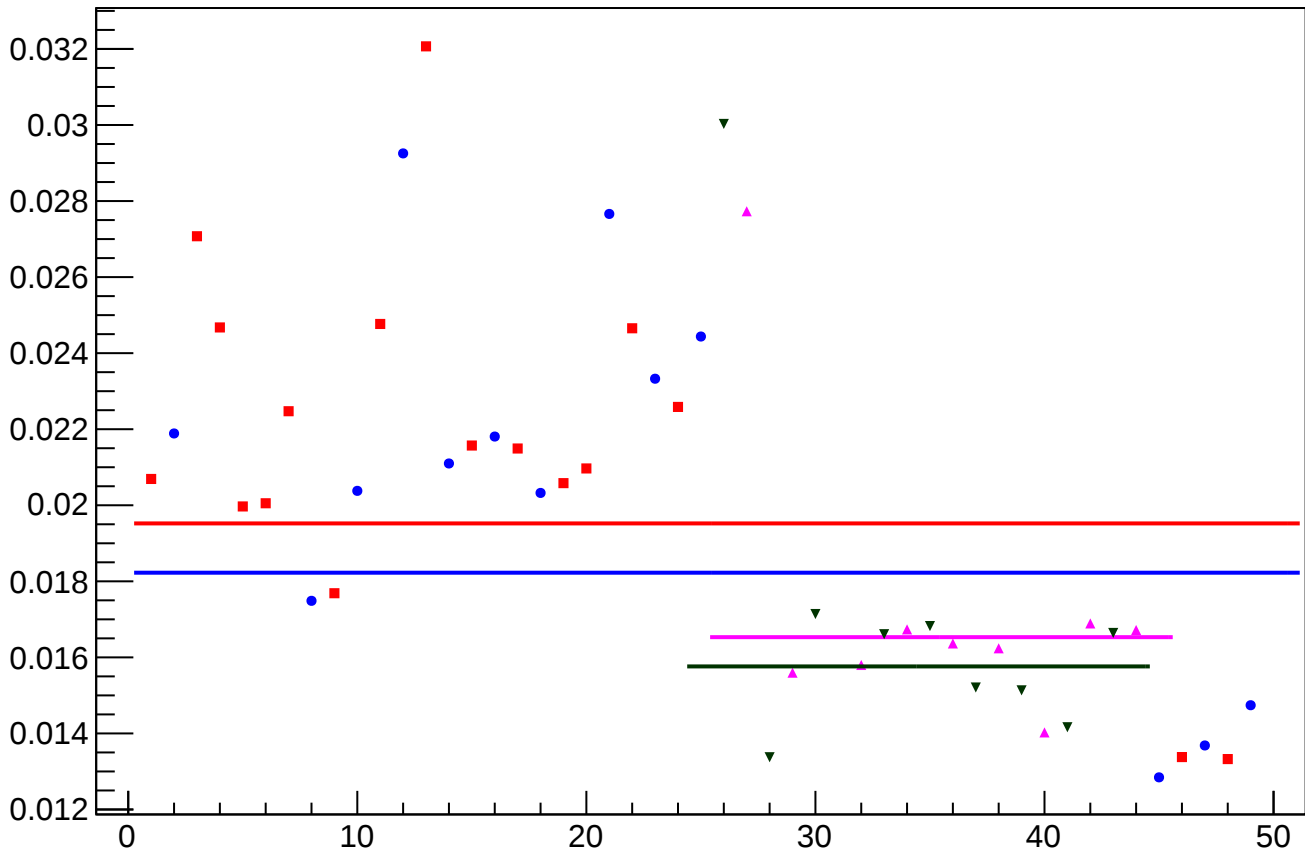
Left Out: 5.173+/-0.000 χ^2/NDF : 2171910592.0/8

Right Out: 6.991+/-0.000 χ^2/NDF : 117445025047.8/16

Left In: 5.287+/-0.000 χ^2/NDF : 3281290033.8/8

5.902+/-0.000 χ^2/NDF : 303295842009.7/47

yield_sam1_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 940646.8/12

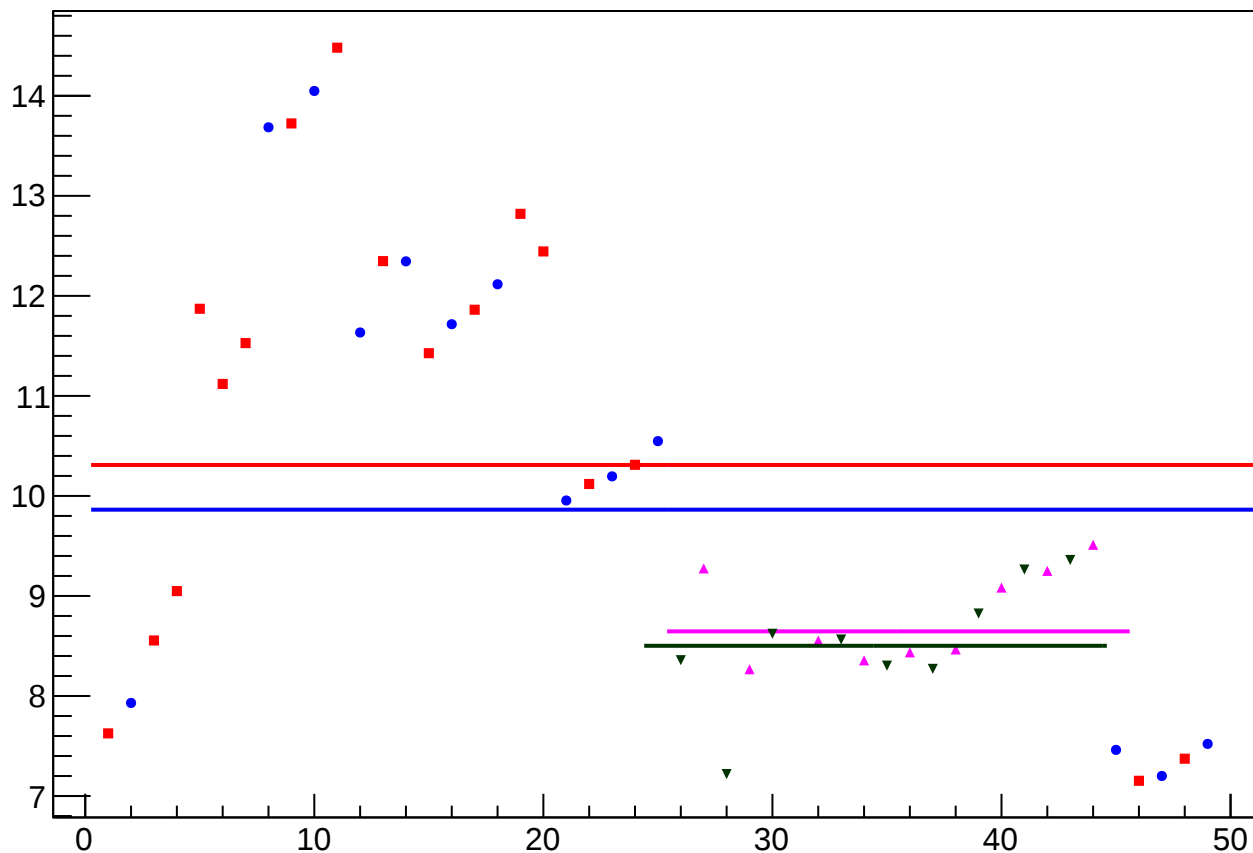
Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

0.018+/-0.000 χ^2/NDF : 2557826.5/47

Right Out: 0.020+/-0.000 χ^2/NDF : 720169.2/16

Left In: 0.017+/-0.000 χ^2/NDF : 288822.9/8

yield_sam2_mean vs slug



Right In: 9.863+/-0.000 χ^2/NDF : 2307612496.9/12

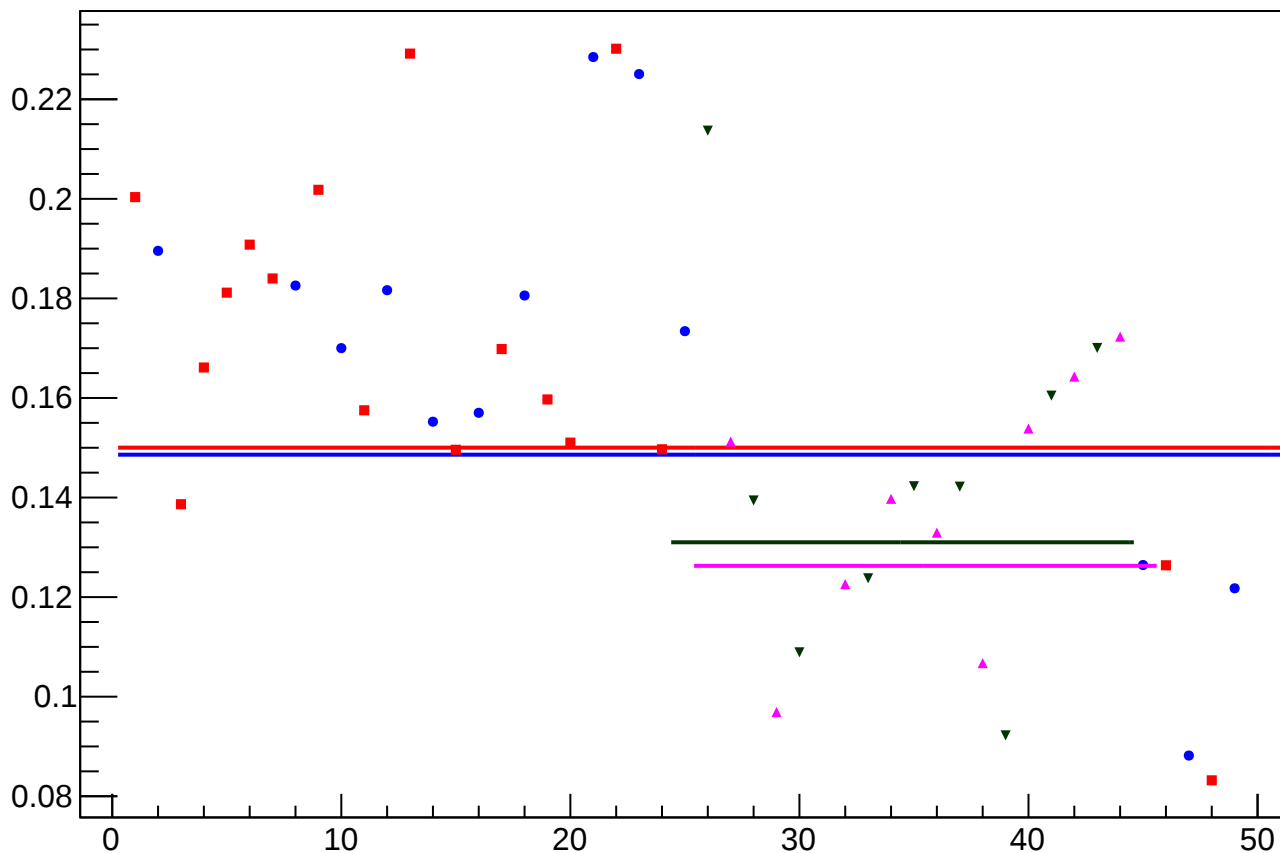
Left Out: 8.502+/-0.000 χ^2/NDF : 87030324.5/8

Right Out: 10.310+/-0.000 χ^2/NDF : 1910781709.7/16

Left In: 8.646+/-0.000 χ^2/NDF : 53831868.3/8

9.383+/-0.000 χ^2/NDF : 5080682820.3/47

yield_sam2_rms vs slug



Right In: 0.149+/-0.000 χ^2/NDF : 1048836.1/12

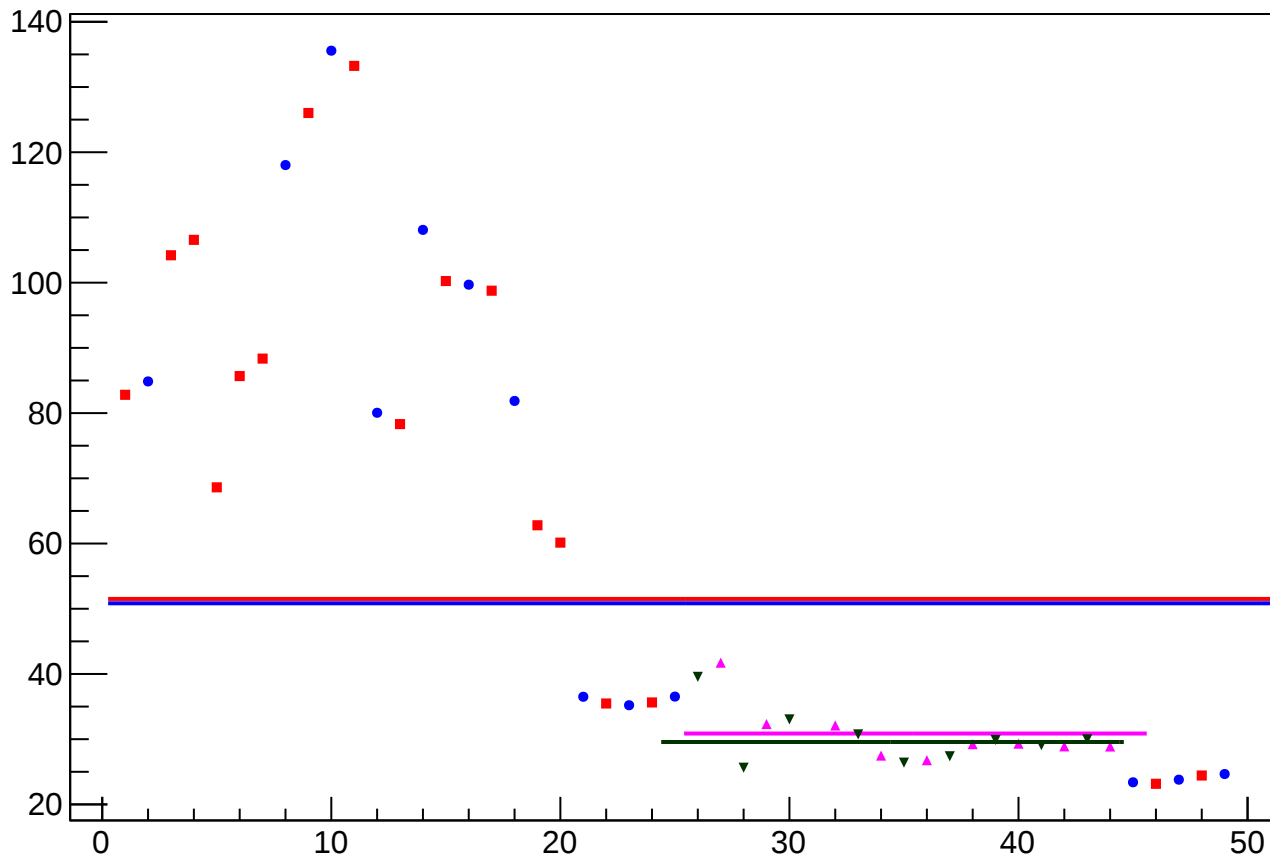
Left Out: 0.131+/-0.000 χ^2/NDF : 439839.4/8

Right Out: 0.150+/-0.000 χ^2/NDF : 1034698.3/16

Left In: 0.126+/-0.000 χ^2/NDF : 385330.3/8

0.140+/-0.000 χ^2/NDF : 3184984.2/47

yield_sam3_mean vs slug



Right In: 50.836+/-0.000 χ^2/NDF : 20650977365.4/12

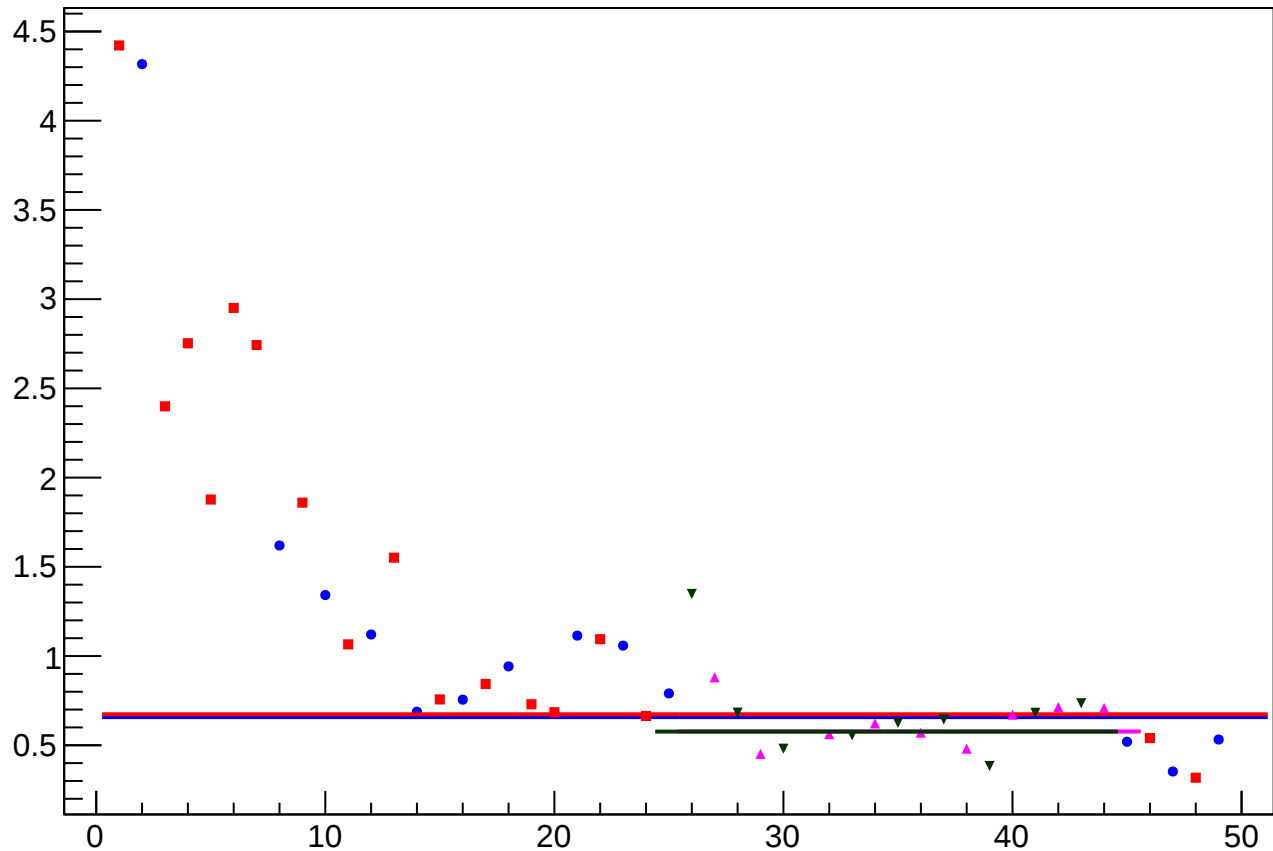
Left Out: 29.571+/-0.000 χ^2/NDF :93290313.8/8

Right Out: 51.507+/-0.000 χ^2/NDF : 14222869438.5/16

Left In: 30.869+/-0.000 χ^2/NDF :179537266.9/8

40.370+/-0.000 χ^2/NDF : 40994490055.1/47

yield_sam3_rms vs slug



Right In: 0.658+/-0.000 χ^2/NDF : 3808085.6/12

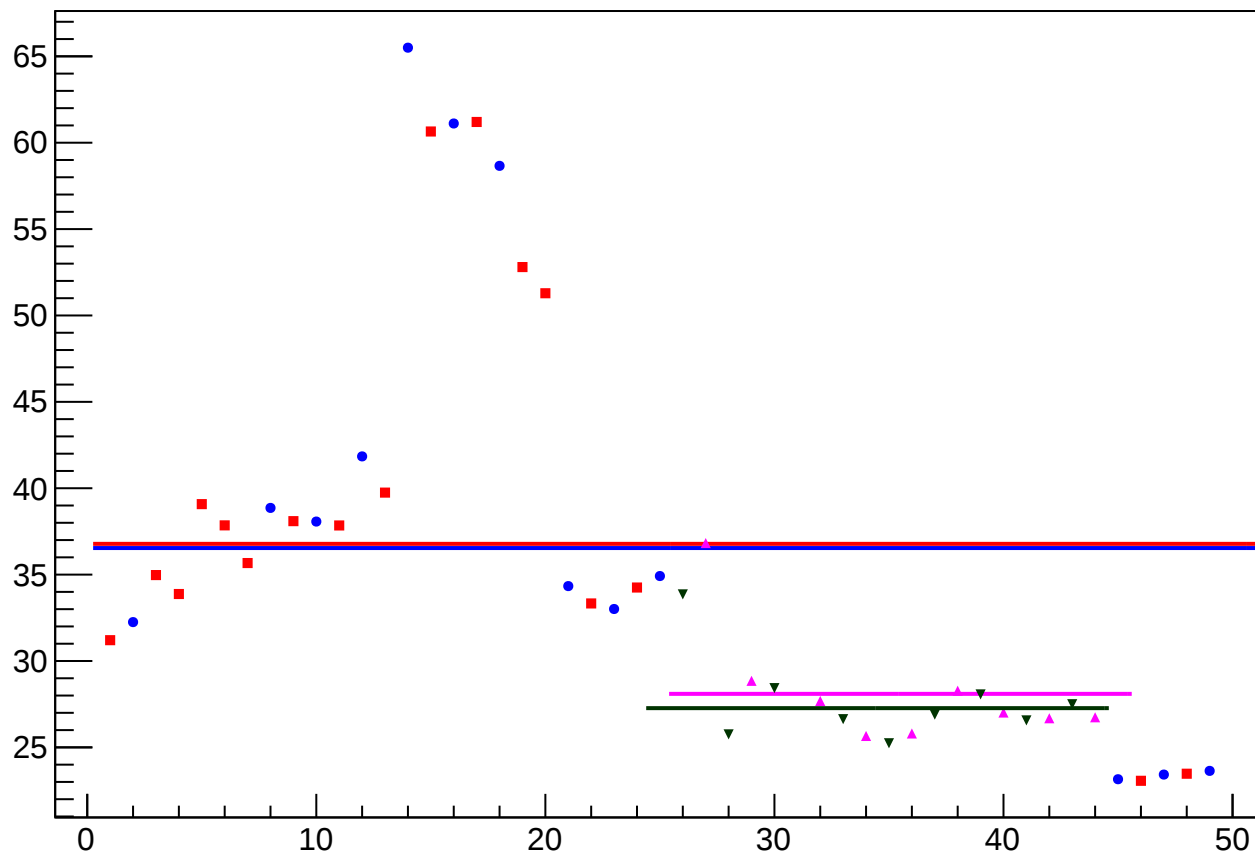
Left Out: 0.577+/-0.000 χ^2/NDF : 676625.4/8

Right Out: 0.674+/-0.000 χ^2/NDF : 4760428.5/16

Left In: 0.577+/-0.000 χ^2/NDF : 428935.9/8

0.619+/-0.000 χ^2/NDF : 9884045.5/47

yield_sam4_mean vs slug



Right In: 36.538+/-0.000 χ^2/NDF : 13811671998.3/12

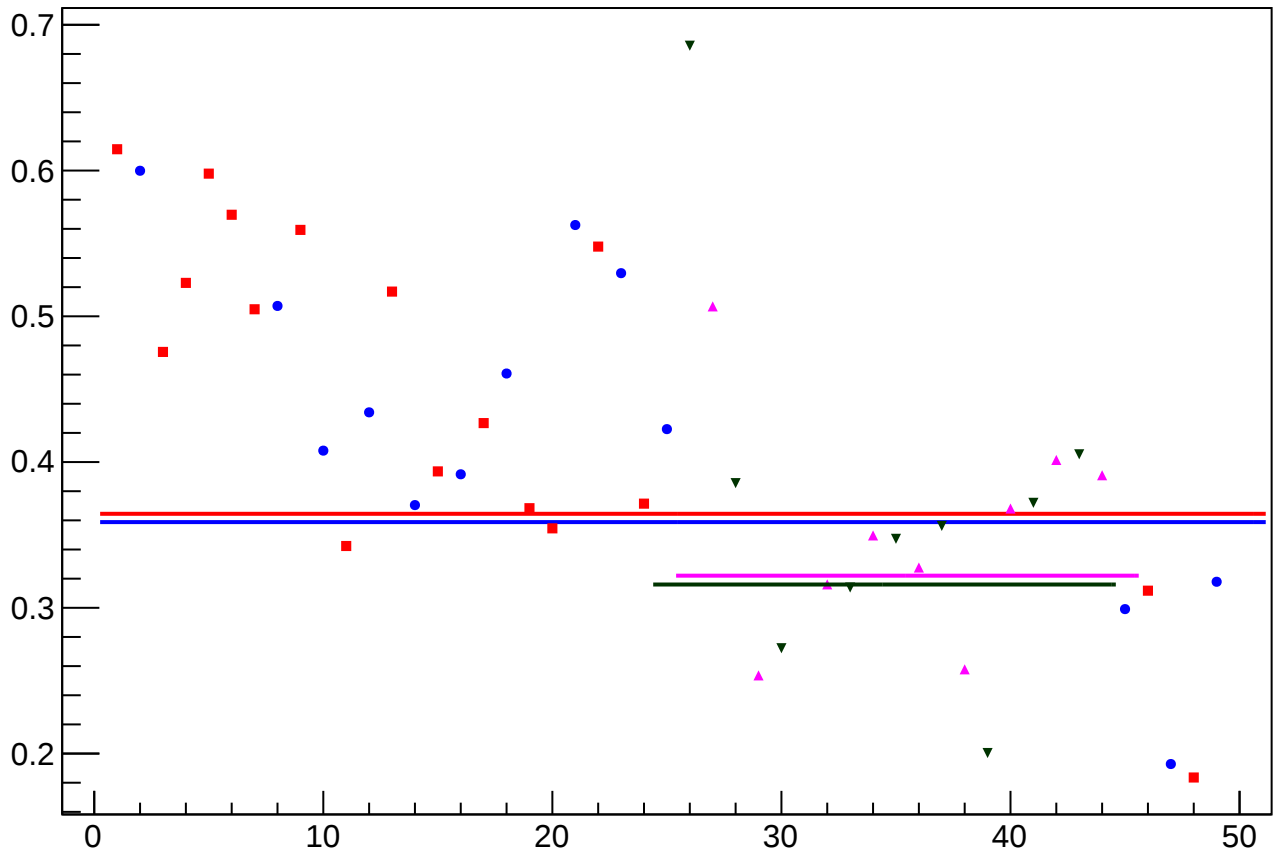
Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

Right Out: 36.781+/-0.000 χ^2/NDF : 8021461755.5/16

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

32.558+/-0.000 χ^2/NDF : 26187861102.9/47

yield_sam4_rms vs slug



Right In: 0.359+/-0.000 χ^2/NDF : 1564227.1/12

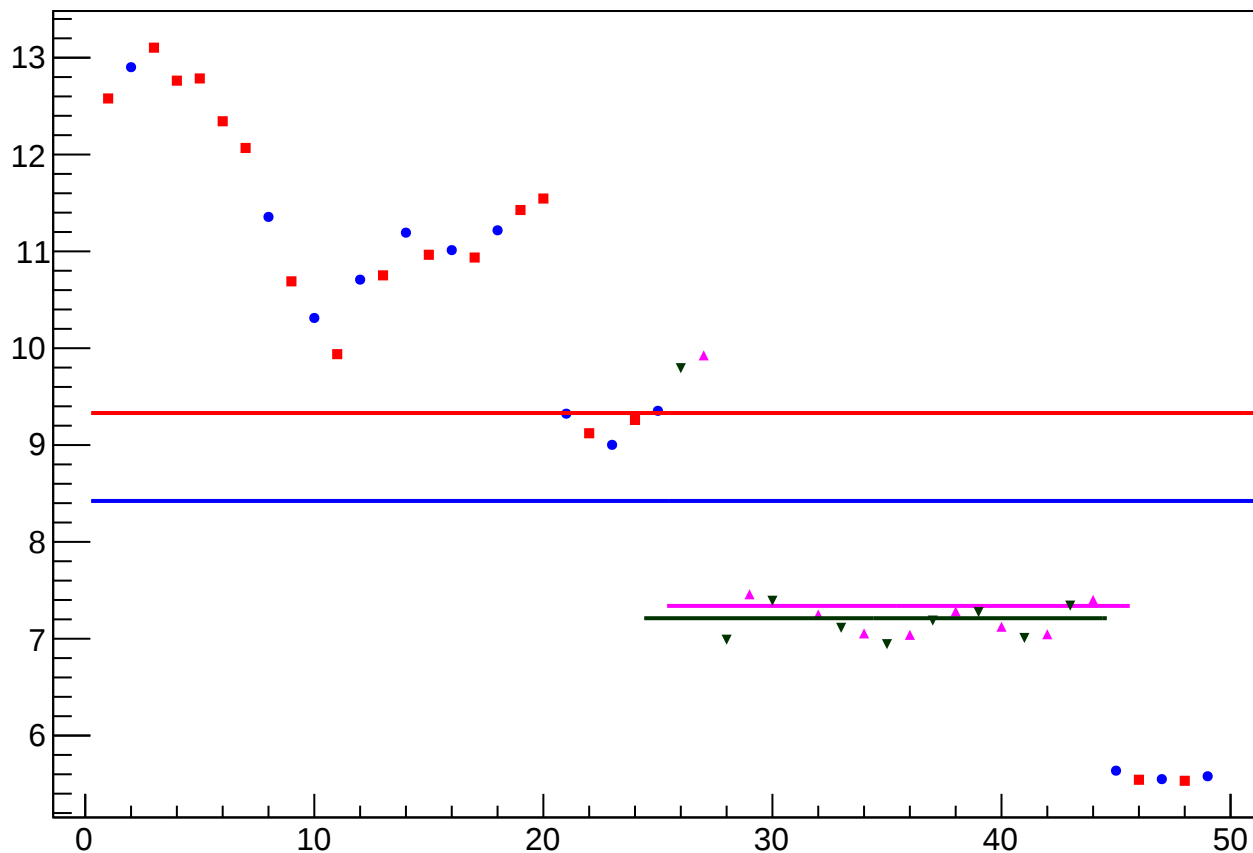
Left Out: 0.316+/-0.000 χ^2/NDF : 714939.2/8

0.342+/-0.000 χ^2/NDF : 4614929.1/47

Right Out: 0.365+/-0.000 χ^2/NDF : 1694343.9/16

Left In: 0.322+/-0.000 χ^2/NDF : 461584.6/8

yield_sam5_mean vs slug



Right In: 8.423+/-0.000 χ^2/NDF : 95380196338.1/12

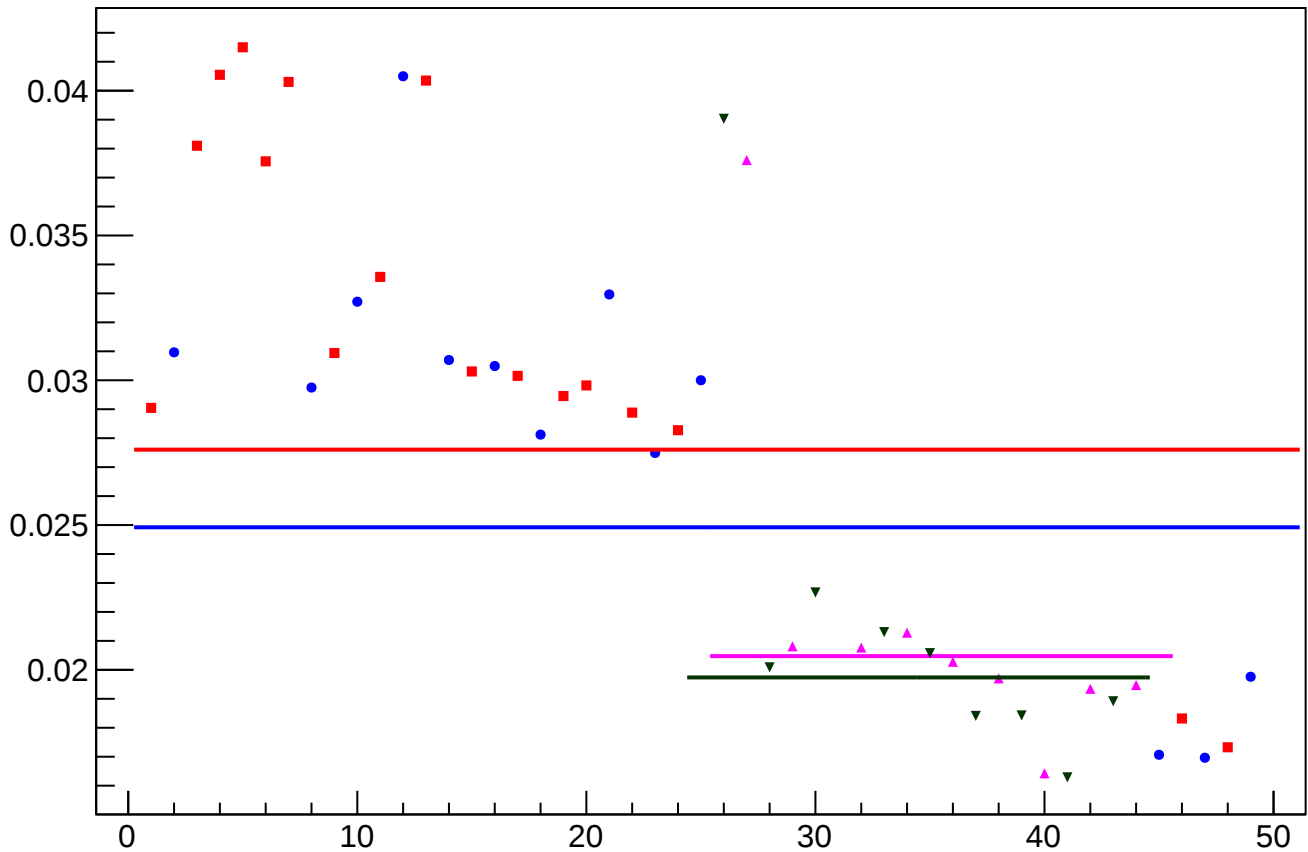
Left Out: 7.212+/-0.000 χ^2/NDF : 2423843108.1/8

Right Out: 9.331+/-0.000 χ^2/NDF : 66580728373.0/16

Left In: 7.339+/-0.000 χ^2/NDF : 4002198010.6/8

8.011+/-0.000 χ^2/NDF : 199602059798.0/47

yield_sam5_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 1159261.3/12

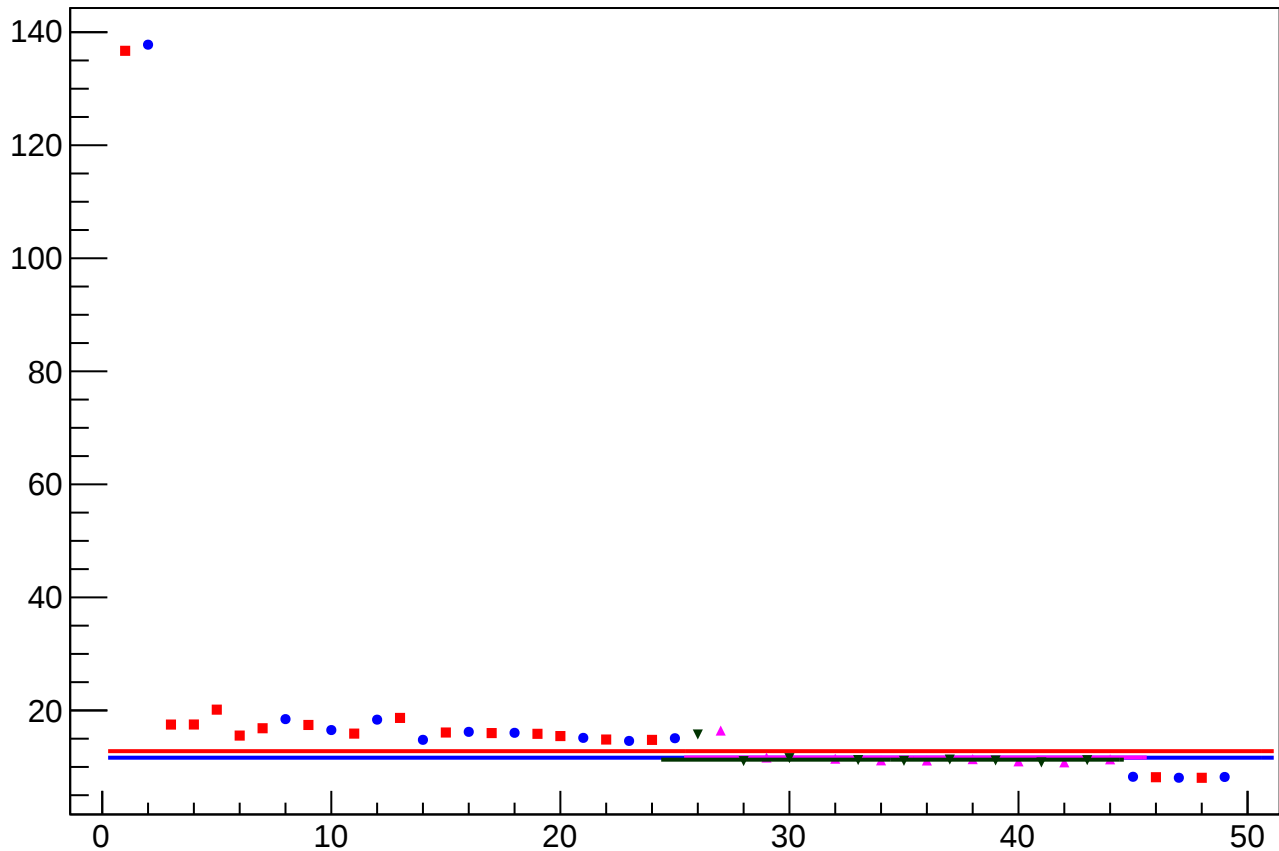
Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

Right Out: 0.028+/-0.000 χ^2/NDF : 950220.4/16

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

0.023+/-0.000 χ^2/NDF : 3697763.3/47

yield_sam6_mean vs slug



Right In: 11.637+/-0.000 χ^2/NDF : 38461152990.4/12

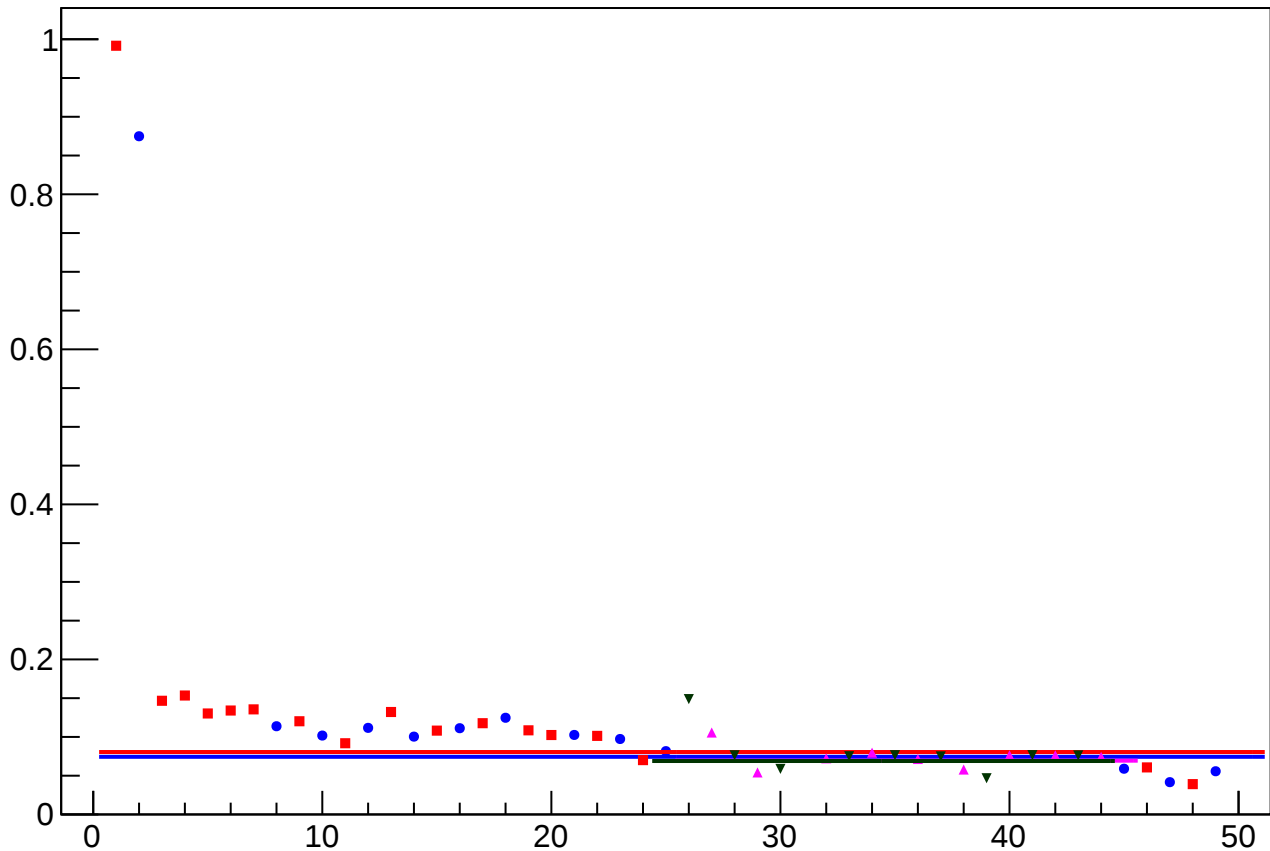
Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

11.835+/-0.000 χ^2/NDF : 64149280715.5/47

Right Out: 12.792+/-0.000 χ^2/NDF : 22256377579.6/16

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

yield_sam6_rms vs slug



Right In: 0.074+/-0.000 χ^2/NDF : 3379384.2/12

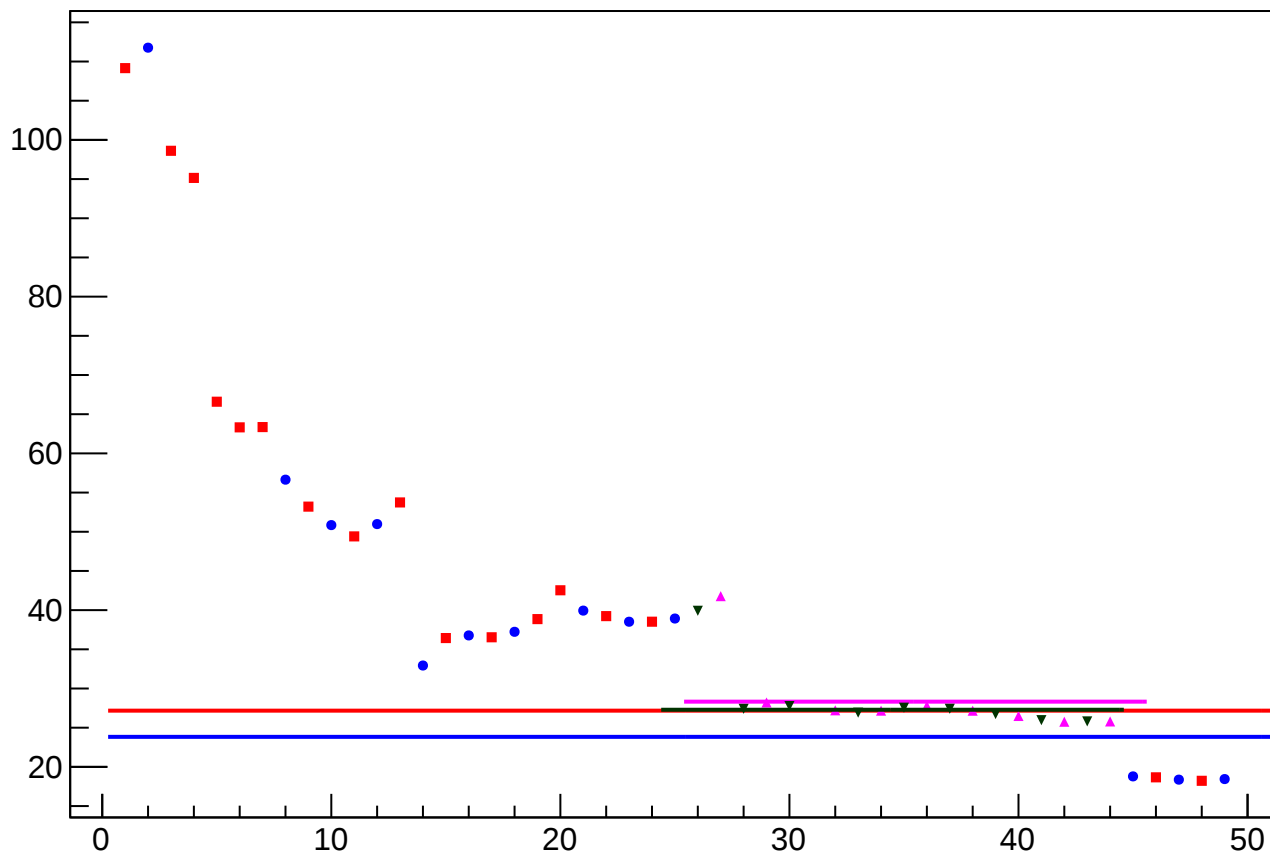
Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

0.073+/-0.000 χ^2/NDF : 7510544.0/47

Right Out: 0.081+/-0.000 χ^2/NDF : 3037276.5/16

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

yield_sam7_mean vs slug



Right In: 23.832+/-0.000 χ^2 /NDF: 70544986185.3/12

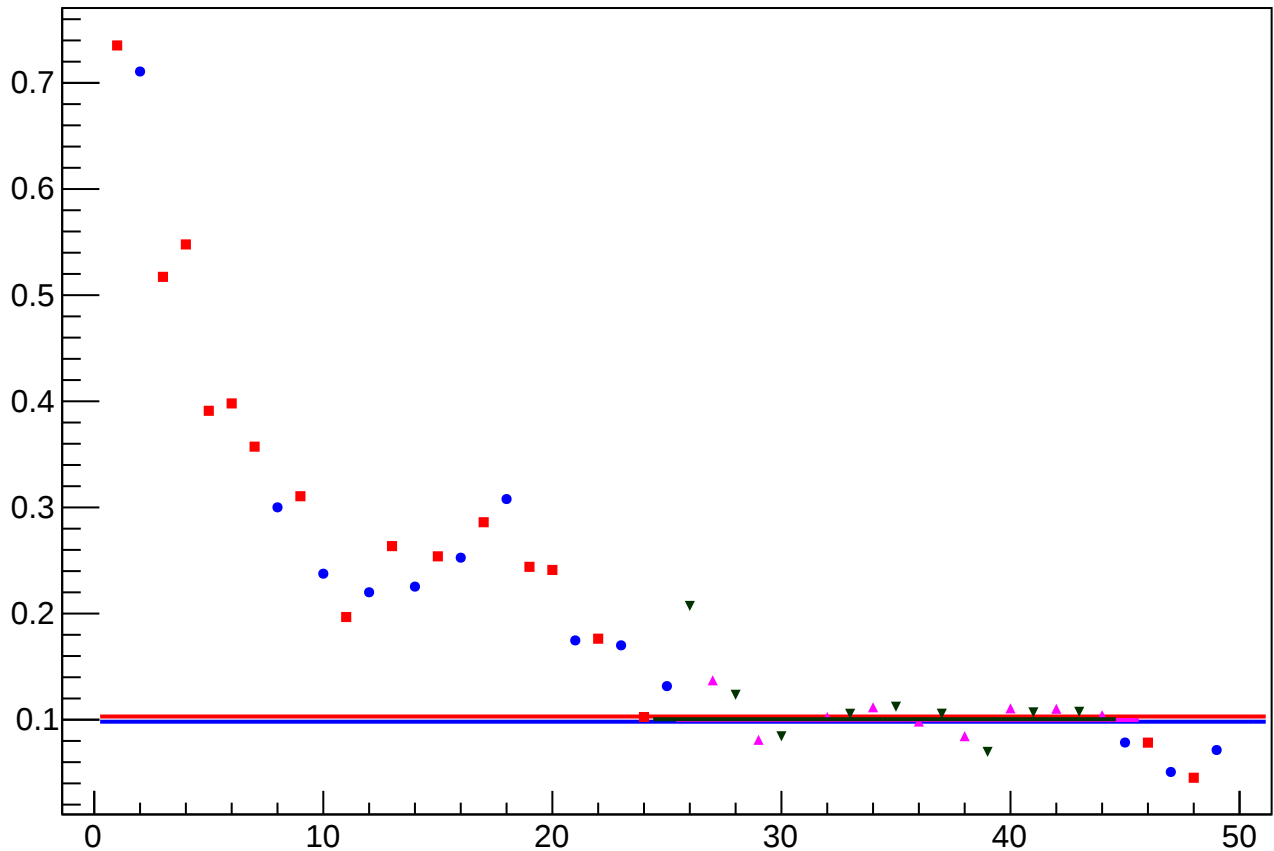
Left Out: 27.289+/-0.000 χ^2 /NDF:1982133147.3/8

Right Out: 27.174+/-0.000 χ^2 /NDF: 76132557567.5/16

Left In: 28.322+/-0.000 χ^2 /NDF:8116600744.9/8

26.542+/-0.000 χ^2 /NDF: 162774848029.4/47

yield_sam7_rms vs slug



Right In: 0.098+/-0.000 χ^2/NDF : 5982161.1/12

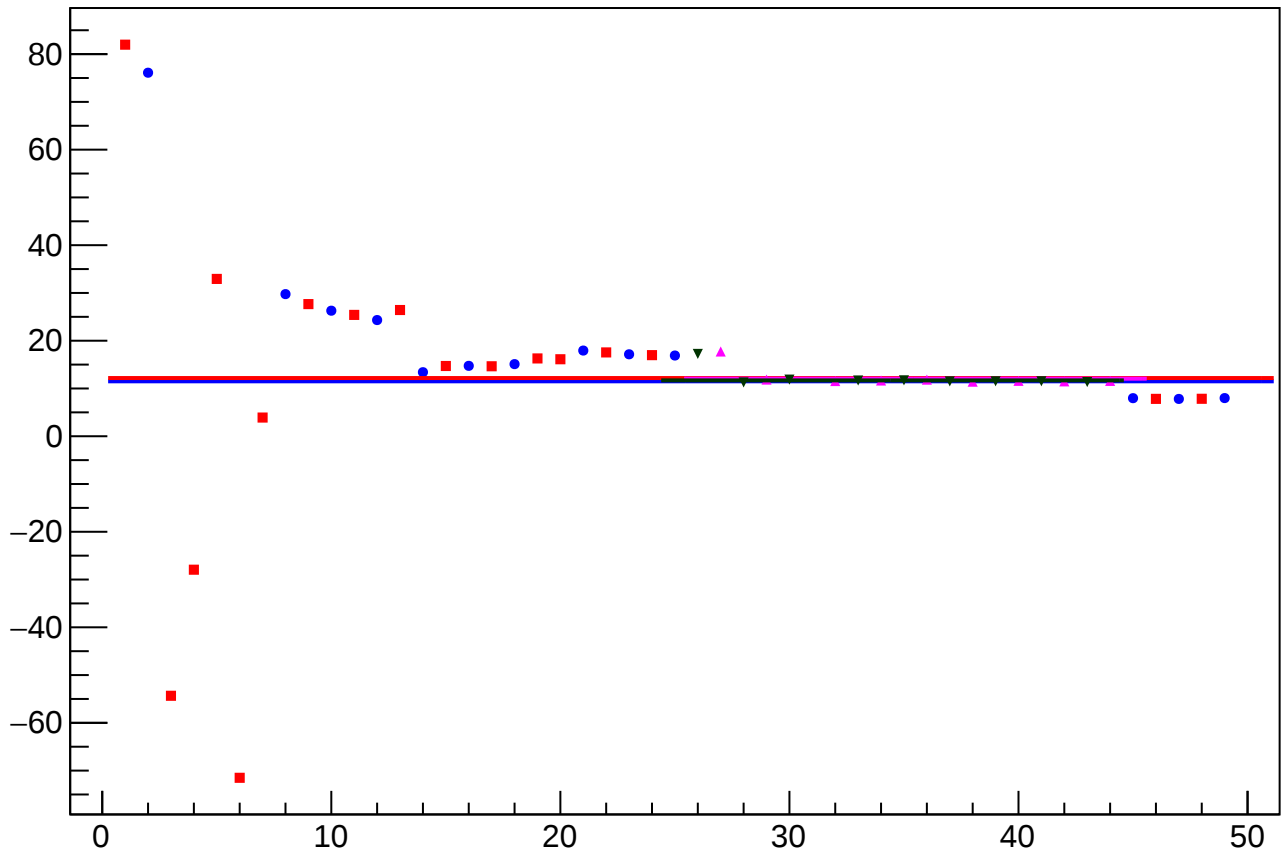
Left Out: 0.100+/-0.000 χ^2/NDF : 510789.5/8

0.100+/-0.000 χ^2/NDF : 13383714.3/47

Right Out: 0.103+/-0.000 χ^2/NDF : 6624099.9/16

Left In: 0.100+/-0.000 χ^2/NDF : 255423.8/8

yield_sam8_mean vs slug



Right In: 11.501+/-0.000 χ^2/NDF : 161565474705.3/12

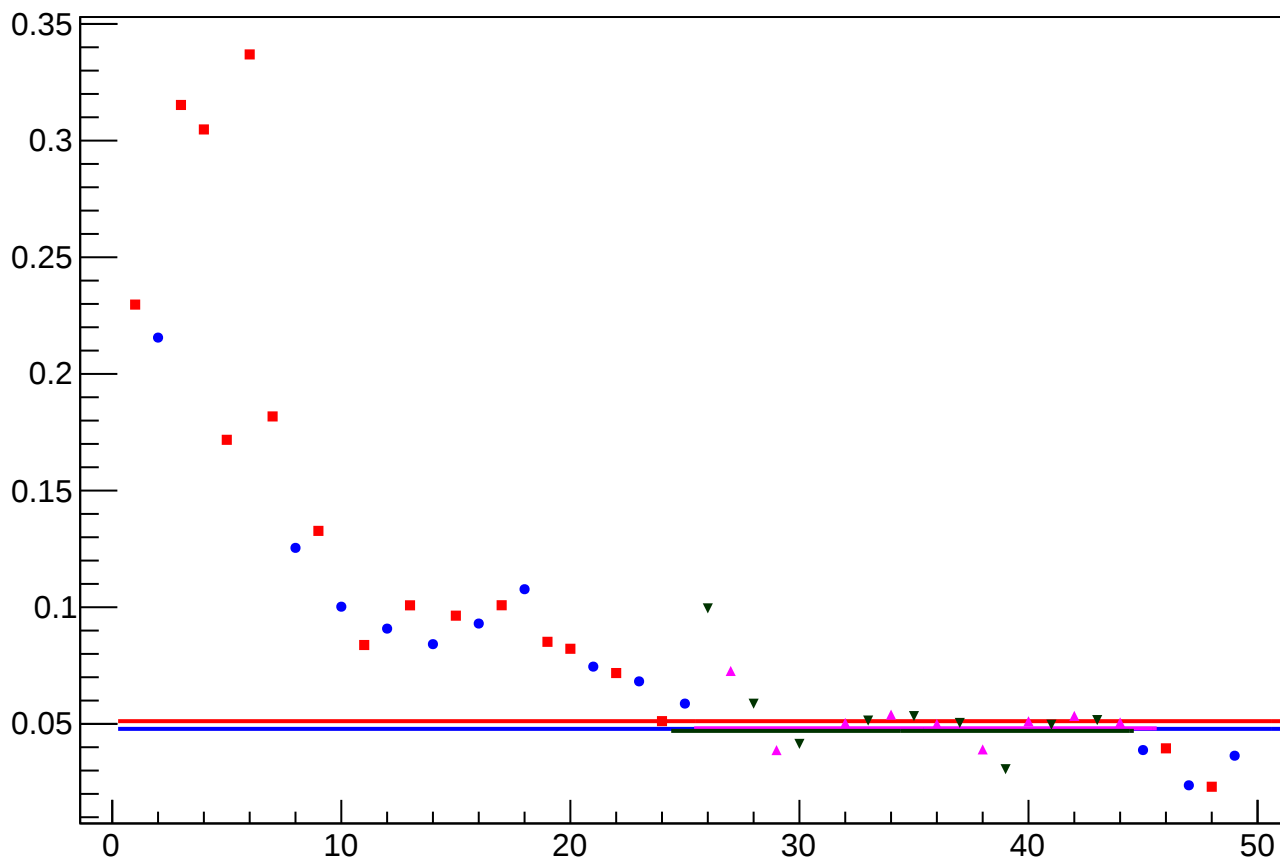
Left Out: 11.692+/-0.000 χ^2/NDF : 1573980124.5/8

Right Out: 12.185+/-0.000 χ^2/NDF : 162659596522.8/16

Left In: 12.055+/-0.000 χ^2/NDF : 5109211939.8/8

11.832+/-0.000 χ^2/NDF : 331554543654.5/47

yield_sam8_rms vs slug



Right In: 0.048+/-0.000 χ^2/NDF : 4753335.6/12

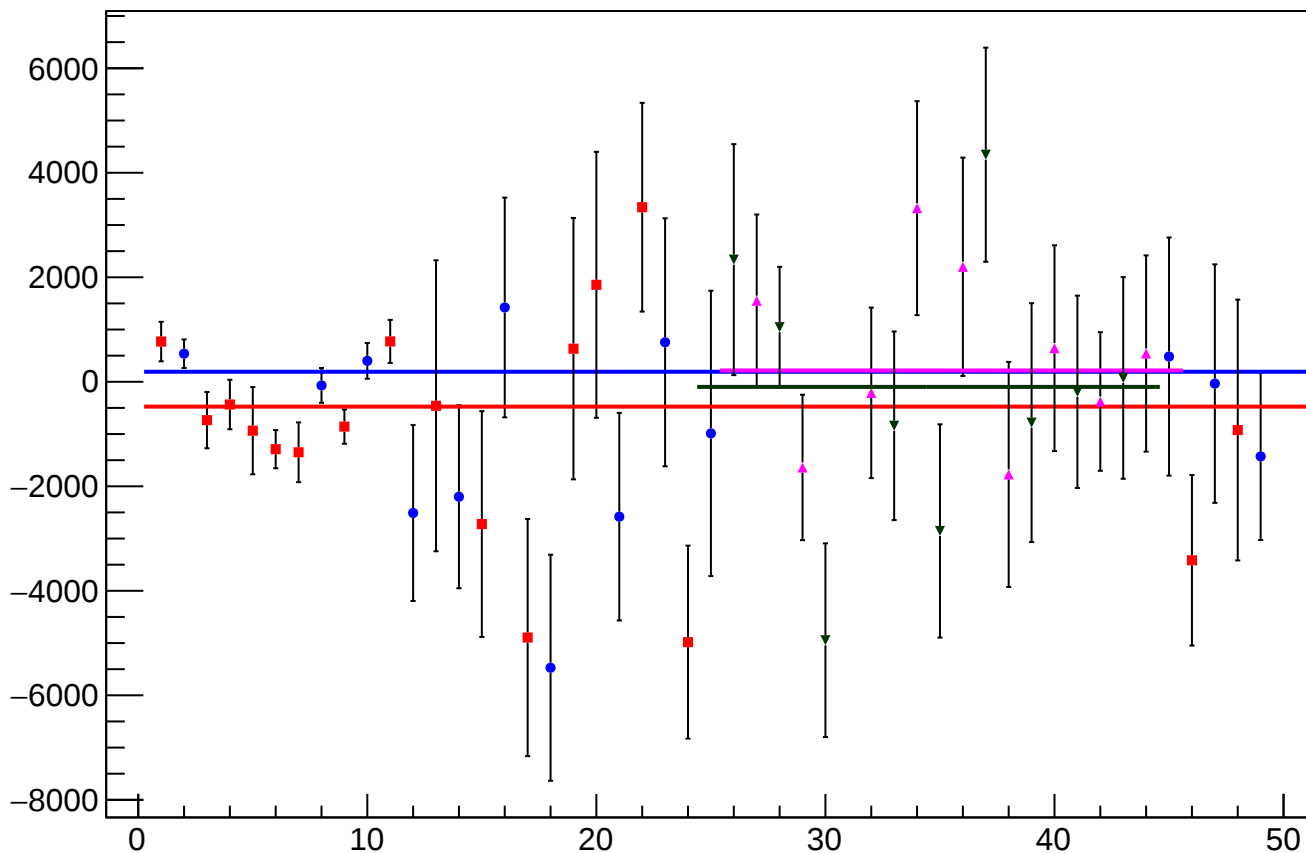
Left Out: 0.047+/-0.000 χ^2/NDF : 613205.8/8

Right Out: 0.051+/-0.000 χ^2/NDF : 5591568.2/16

Left In: 0.048+/-0.000 χ^2/NDF : 348771.4/8

0.048+/-0.000 χ^2/NDF : 11343398.1/47

cor_sam1_mean vs slug



Right In: 192.074+/-172.950 χ^2/NDF : 17.5/12

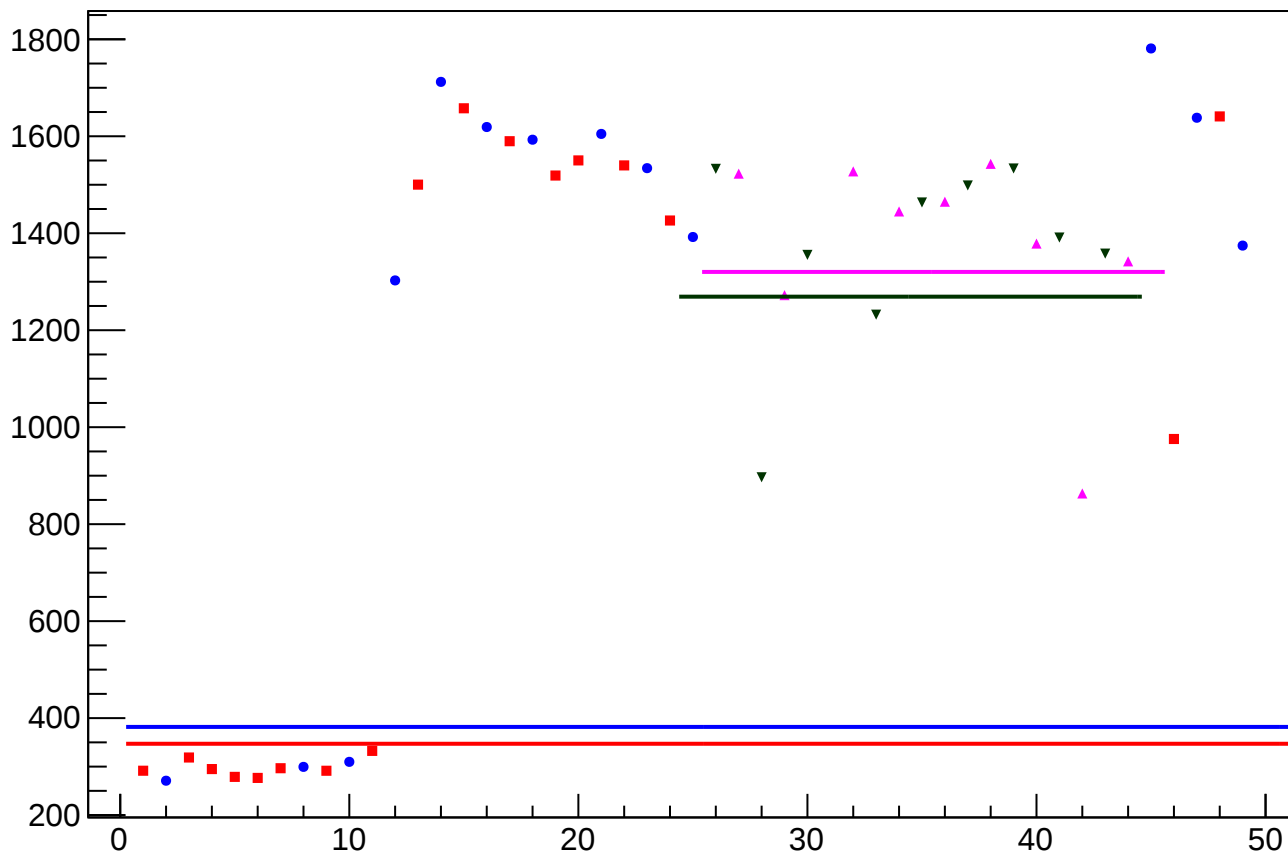
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

Right Out: -475.329+/-150.755 χ^2/NDF : 48.0/16

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

-169.361+/-109.586 χ^2/NDF : 97.1/47

cor_sam1_rms vs slug



Right In: 381.870+/-0.122 χ^2/NDF : 7244810.9/12

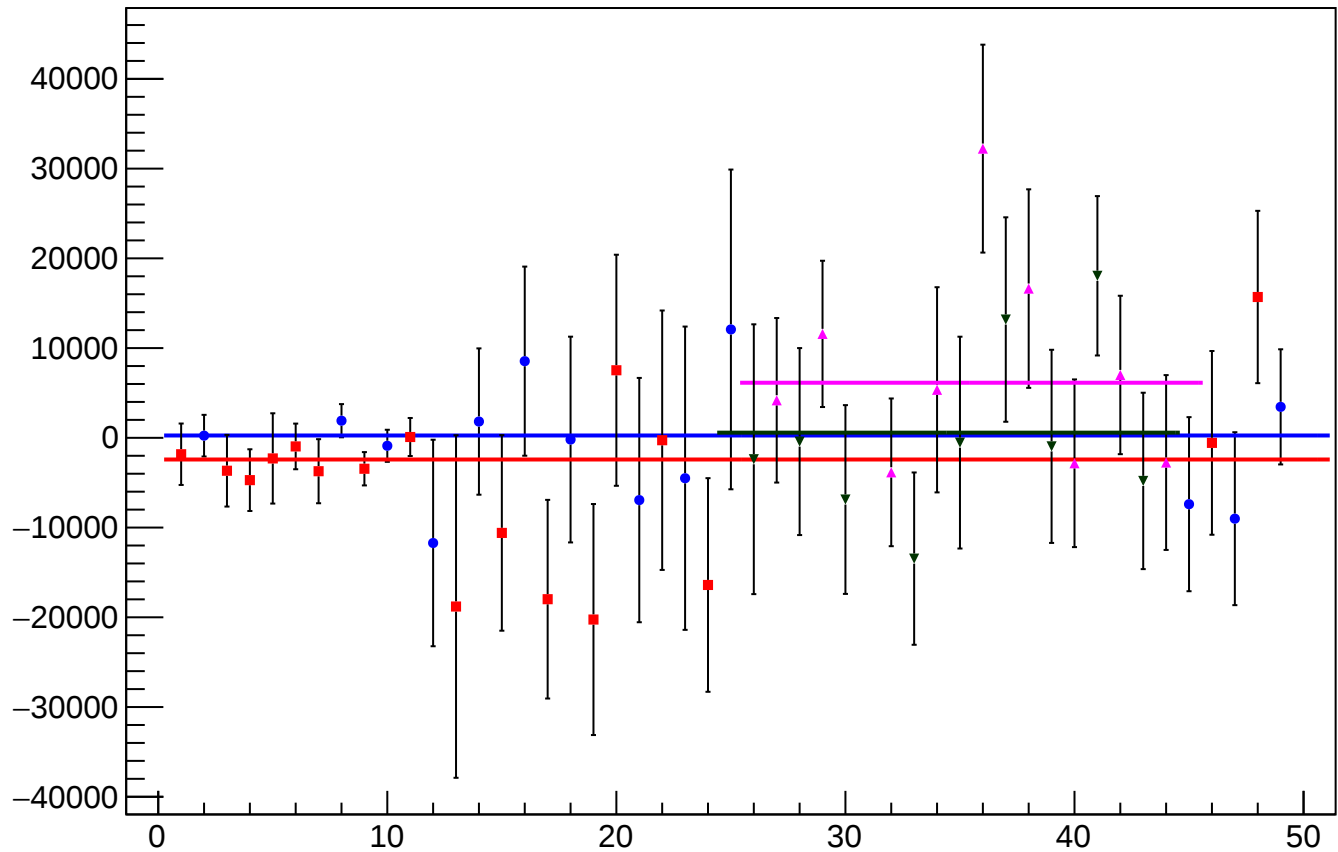
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 347.116+/-0.107 χ^2/NDF : 5032343.7/16

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

427.595+/-0.077 χ^2/NDF : 22465914.6/47

cor_sam2_mean vs slug



Right In: 260.610 $\pm$ 1061.133 χ^2 /NDF: 5.5/12

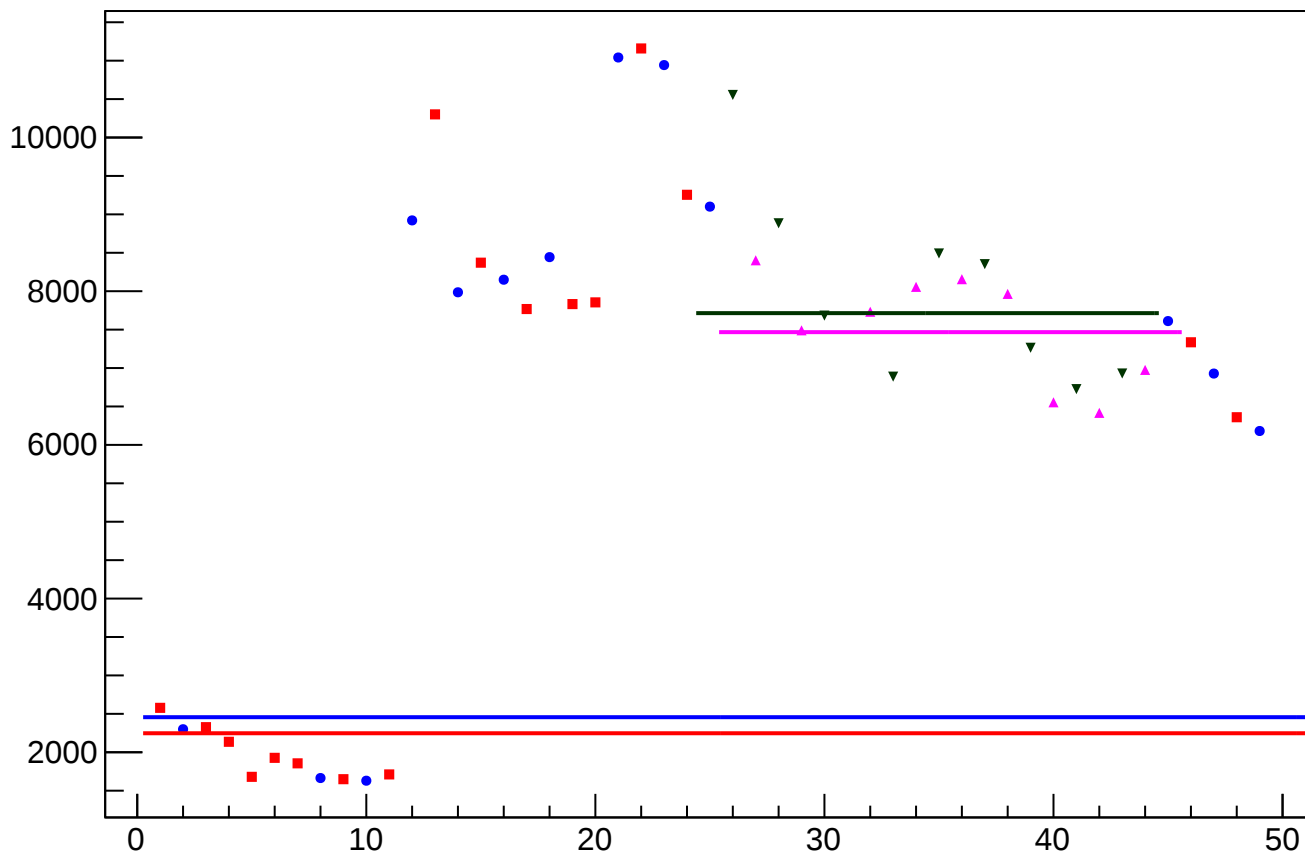
Left Out: 577.076 $\pm$ 3533.752 χ^2 /NDF: 8.1/8

Right Out: -2415.058 $\pm$ 961.546 χ^2 /NDF: 13.5/16

Left In: 6139.136 $\pm$ 3165.220 χ^2 /NDF: 9.7/8

-800.927 $\pm$ 682.062 χ^2 /NDF: 45.7/47

cor_sam2_rms vs slug



Right In: 2456.360+/-0.750 χ^2/NDF : 6731750.4/12

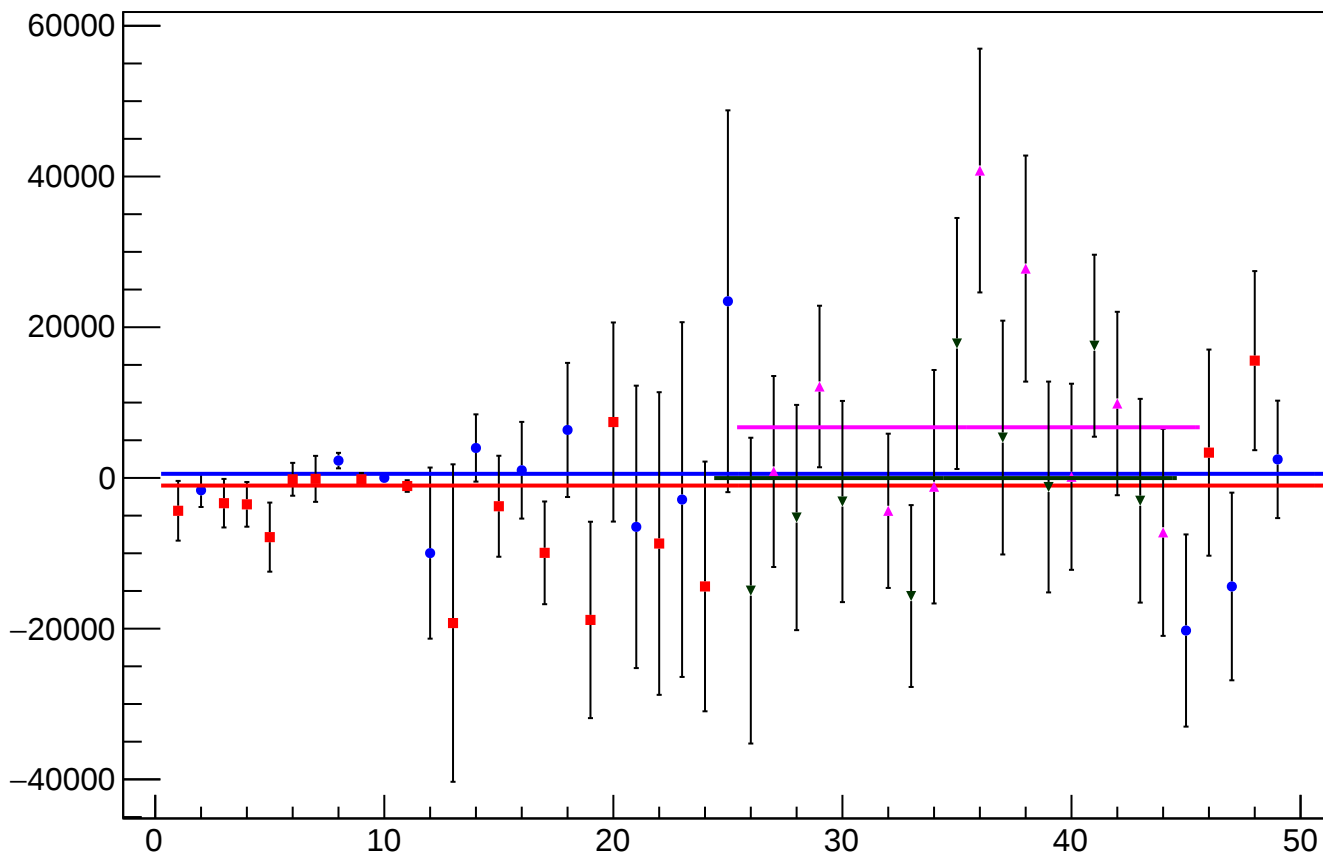
Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

Right Out: 2247.386+/-0.680 χ^2/NDF : 4993101.7/16

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

2779.780+/-0.482 χ^2/NDF : 21069618.3/47

cor_sam3_mean vs slug



Right In: 546.137+/-531.980 χ^2/NDF : 11.5/12

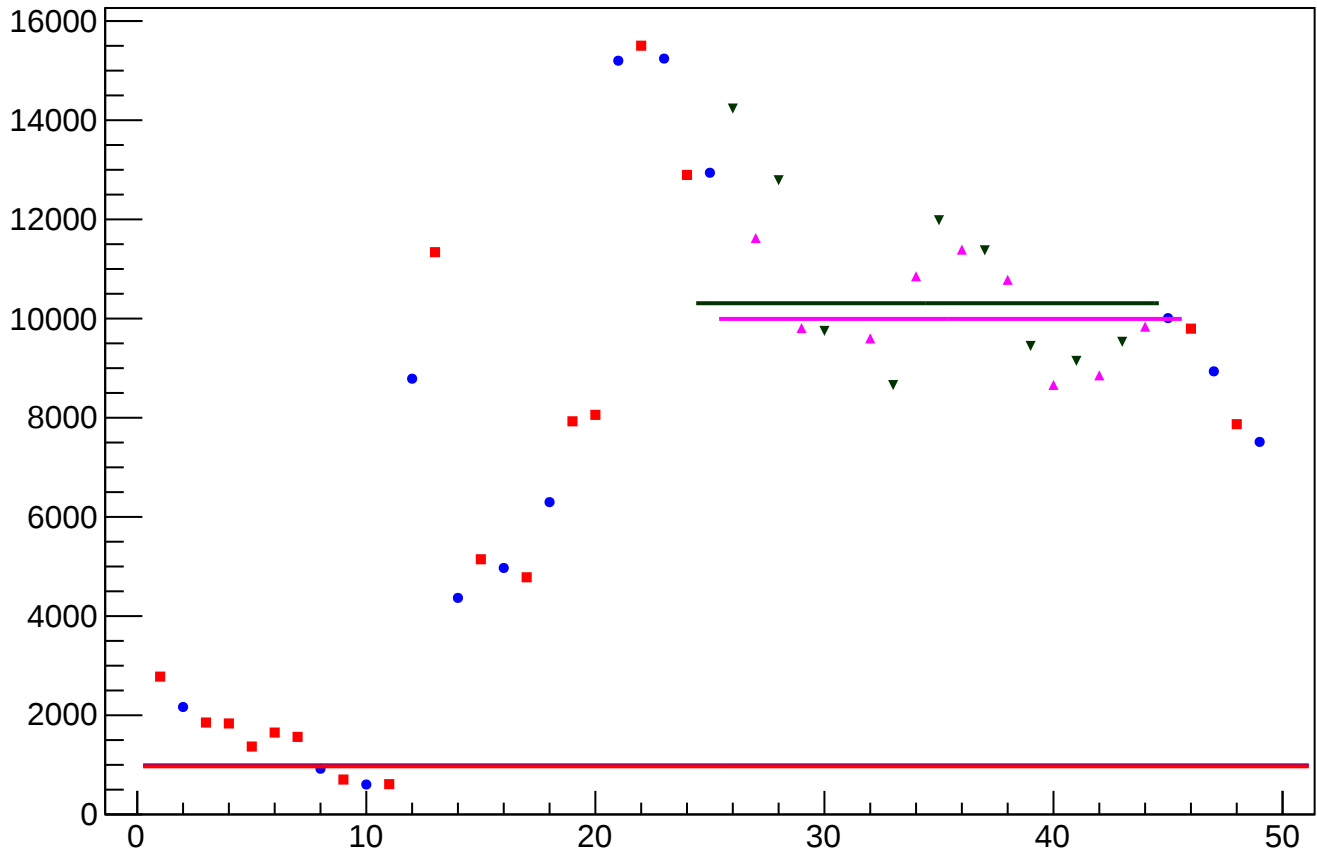
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

Right Out: -1011.716+/-512.783 χ^2/NDF : 13.1/16

Left In: 6722.901+/-4244.094 χ^2/NDF : 9.7/8

-207.811+/-366.700 χ^2/NDF : 47.3/47

cor_sam3_rms vs slug



Right In: 988.921+/-0.376 χ^2/NDF : 10358559.3/12

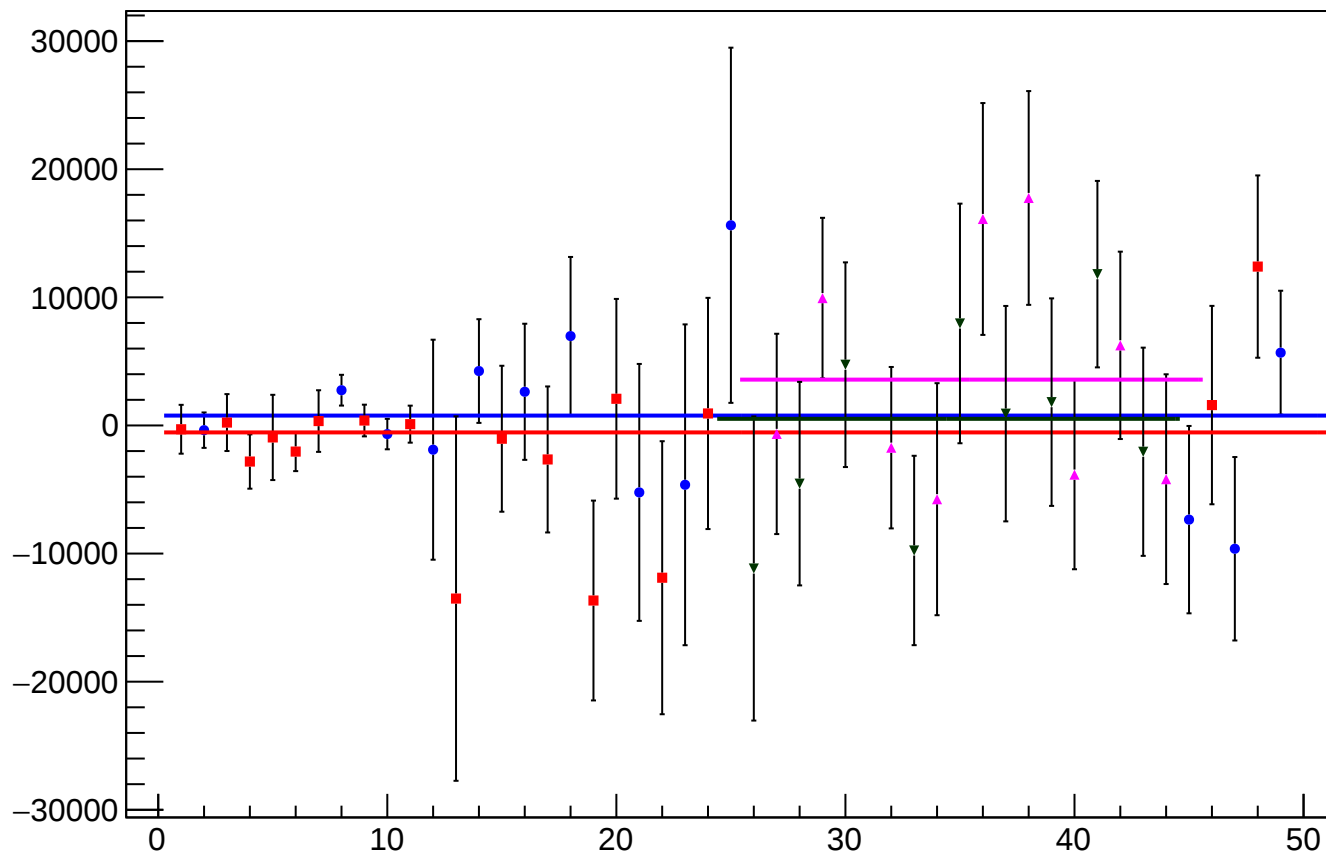
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

1102.673+/-0.259 χ^2/NDF : 35534508.0/47

Right Out: 970.650+/-0.363 χ^2/NDF : 8280340.8/16

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: 770.266+/-679.863 χ^2/NDF : 12.9/12

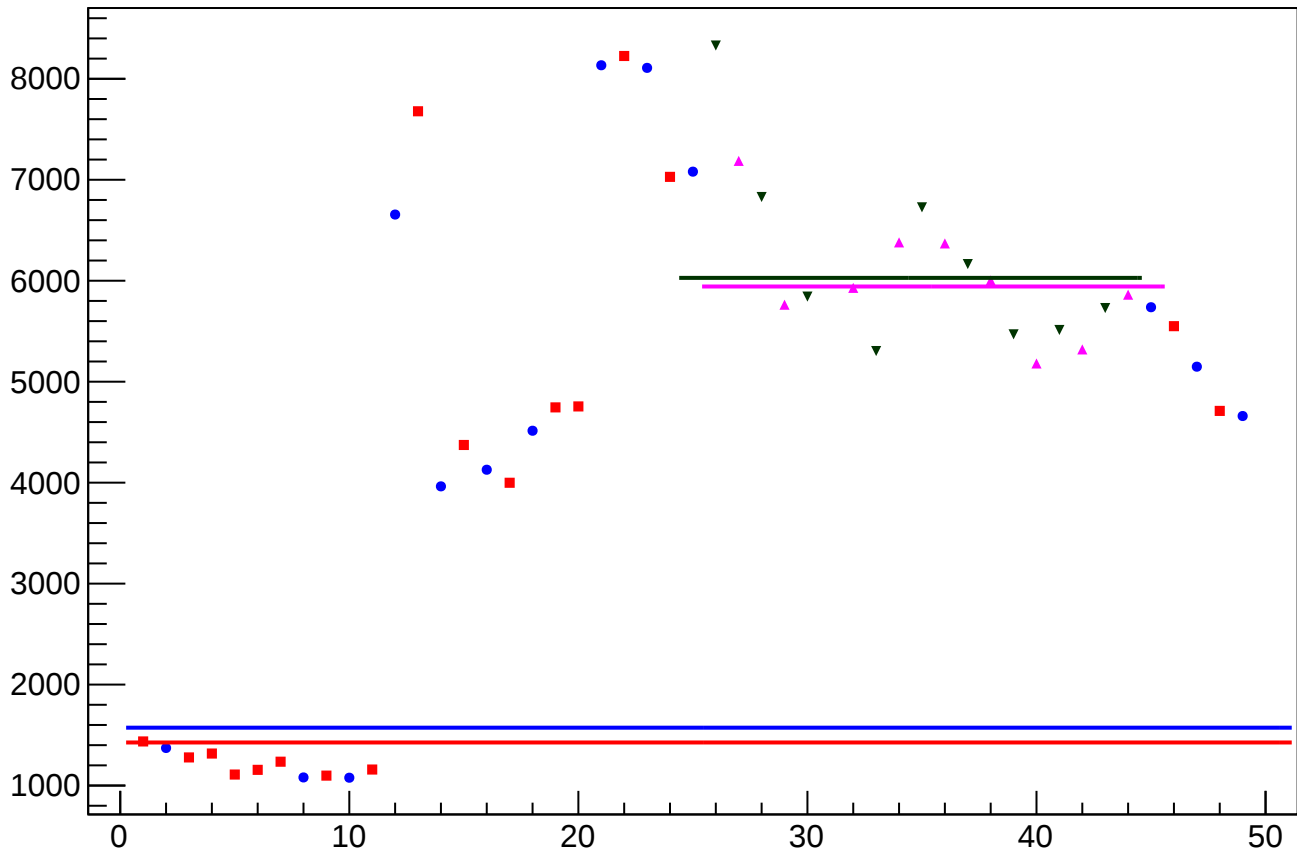
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

Right Out: -543.540+/-610.466 χ^2/NDF : 11.6/16

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

163.611+/-441.236 χ^2/NDF : 45.2/47

cor_sam4_rms vs slug



Right In: 1573.178+/-0.481 χ^2 /NDF: 6720557.4/12

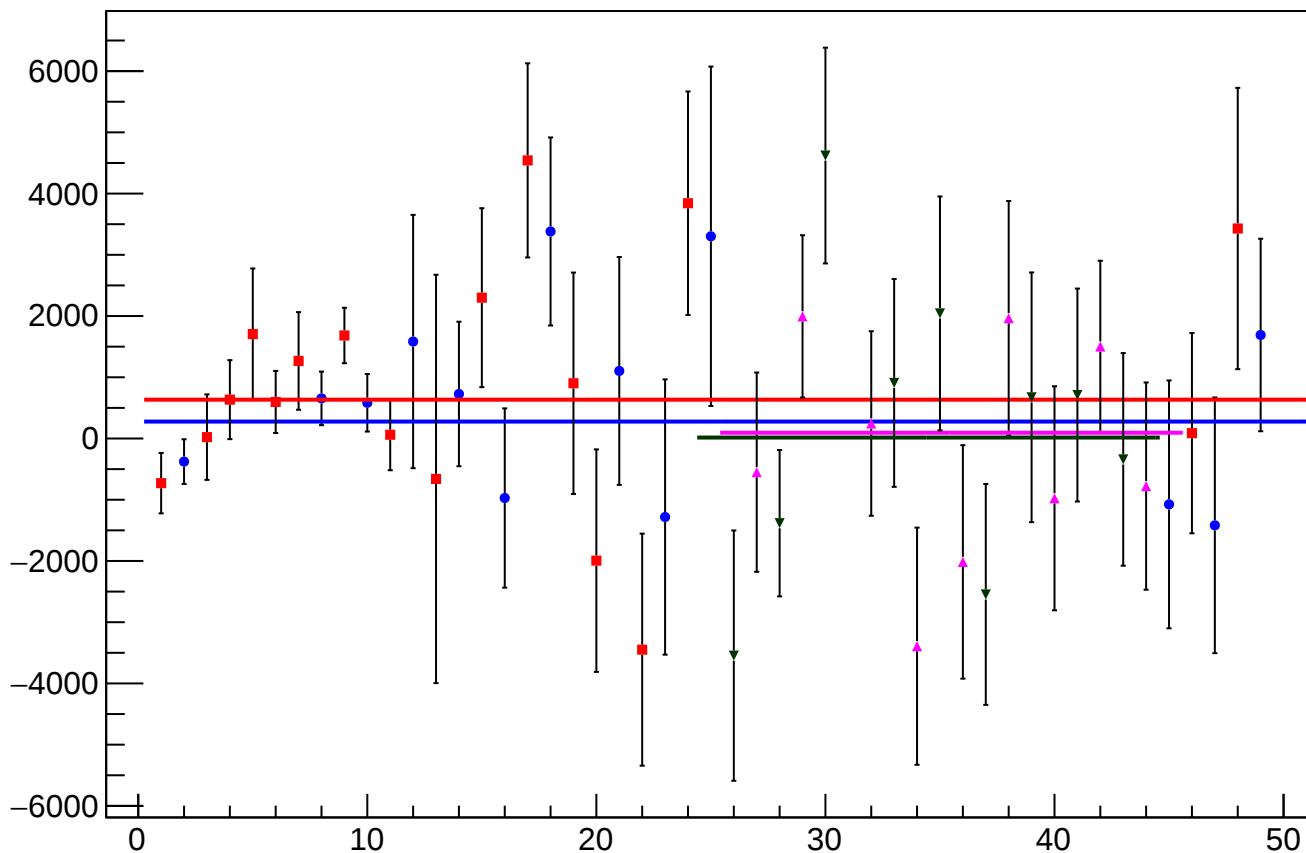
Left Out: 6028.268+/-1.948 χ^2 /NDF: 149820.8/8

1745.119+/-0.312 χ^2 /NDF: 22987108.9/47

Right Out: 1426.622+/-0.432 χ^2 /NDF: 4952231.5/16

Left In: 5942.882+/-1.780 χ^2 /NDF: 97554.4/8

cor_sam5_mean vs slug



Right In: 276.750 $\pm$ 220.307 χ^2 /NDF: 13.5/12

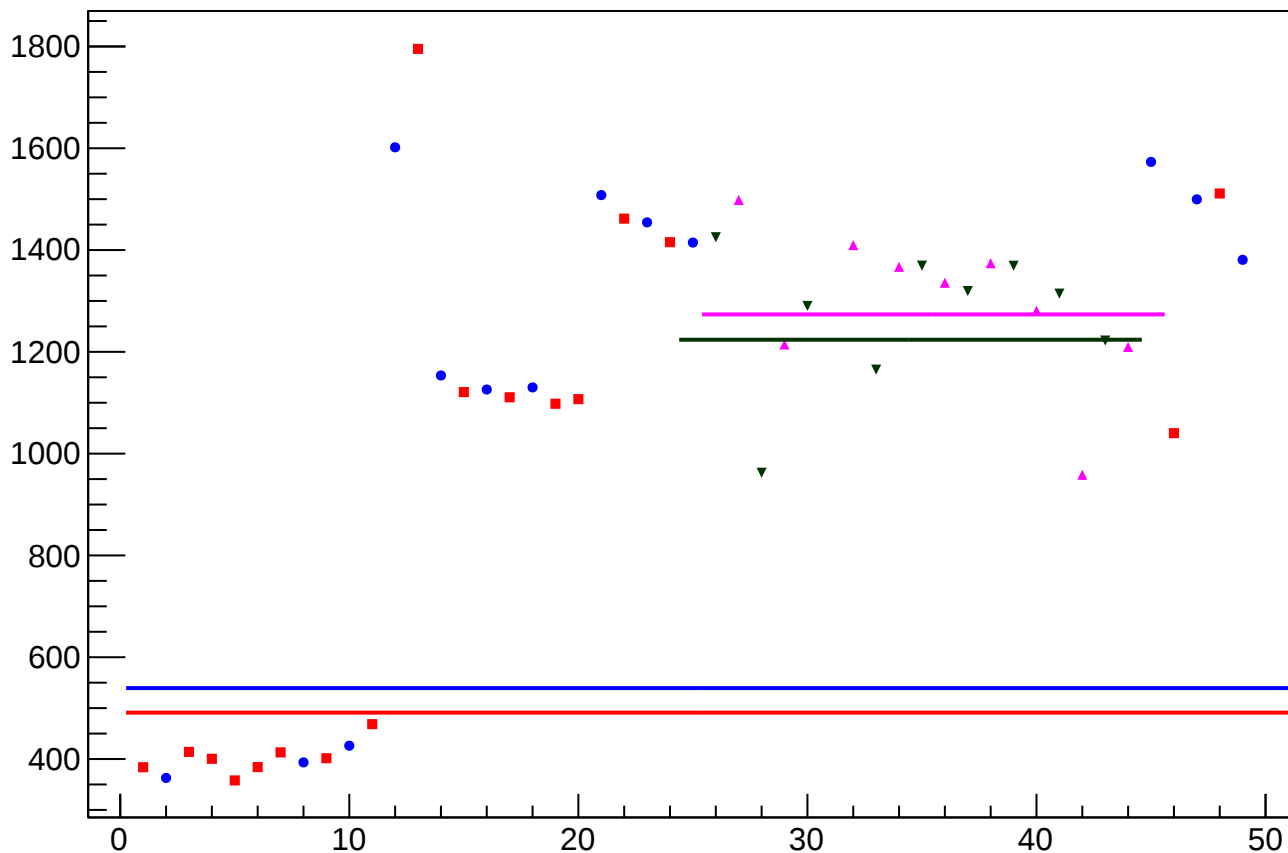
Left Out: 15.632 $\pm$ 568.606 χ^2 /NDF: 15.0/8

Right Out: 634.116 $\pm$ 198.161 χ^2 /NDF: 35.3/16

Left In: 94.301 $\pm$ 545.541 χ^2 /NDF: 9.3/8

422.974 $\pm$ 137.983 χ^2 /NDF: 75.6/47

cor_sam5_rms vs slug



Right In: 539.395+/-0.156 χ^2/NDF : 5084436.5/12

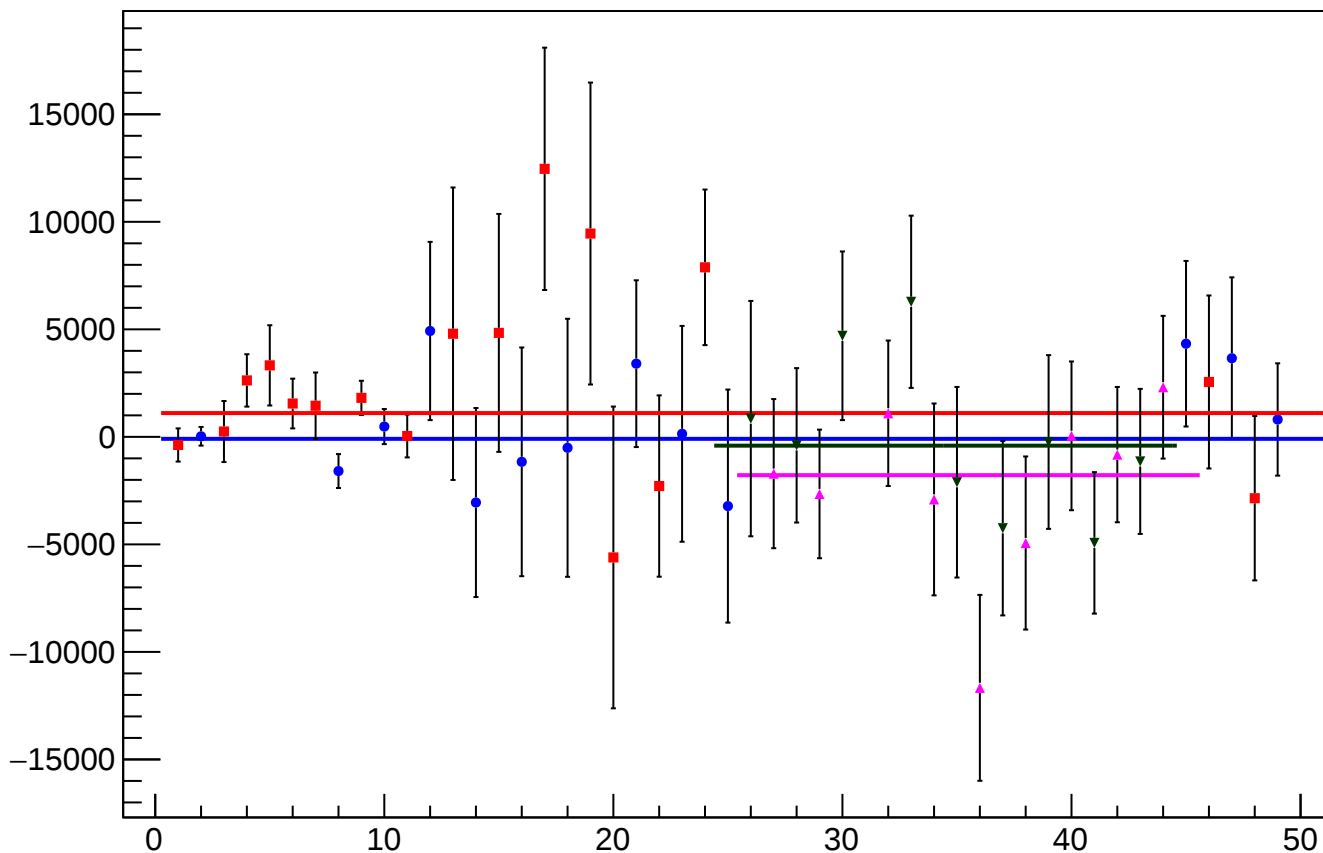
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 491.160+/-0.140 χ^2/NDF : 3474102.6/16

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

603.278+/-0.098 χ^2/NDF : 15096049.3/47

cor_sam6_mean vs slug



Right In: -91.625+/-333.053 χ^2/NDF : 9.7/12

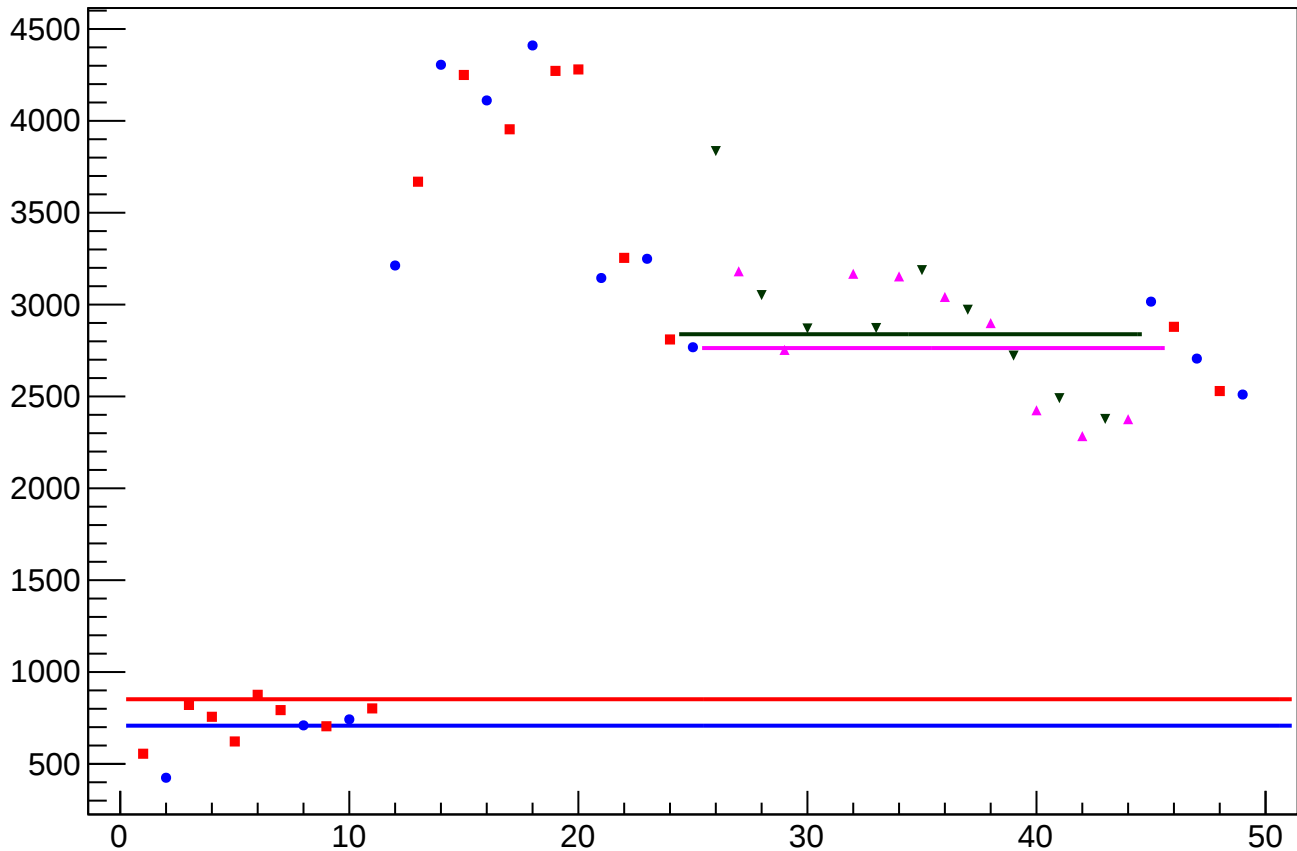
Left Out: -408.383+/-1299.964 χ^2/NDF : 7.5/8

Right Out: 1106.847+/-370.492 χ^2/NDF : 21.7/16

Left In: -1781.426+/-1175.729 χ^2/NDF : 8.6/8

323.989+/-238.260 χ^2/NDF : 57.1/47

cor_sam6_rms vs slug



Right In: 708.042 $\pm$ 0.236 χ^2 /NDF: 8334713.3/12

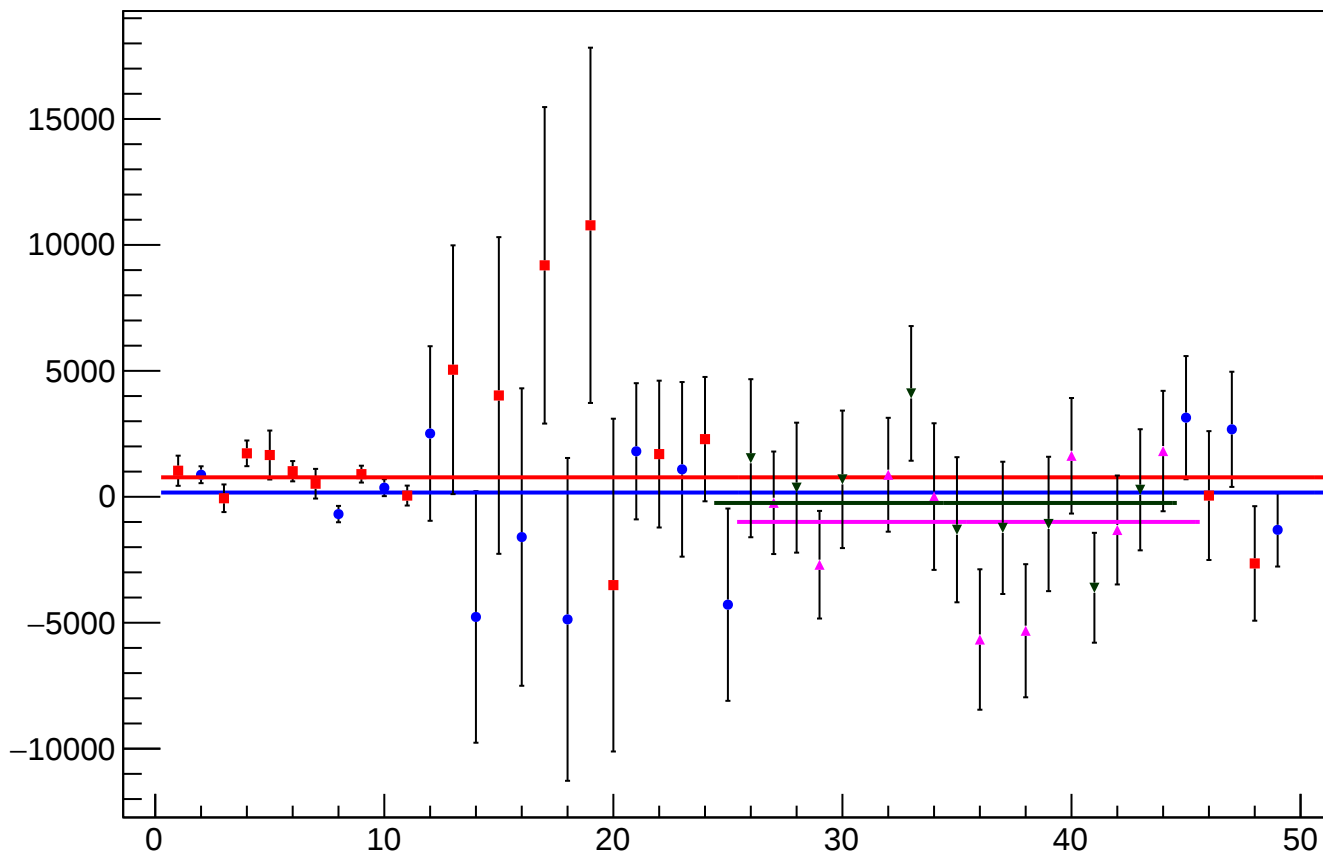
Left Out: 2838.681 $\pm$ 0.919 χ^2 /NDF: 149660.0/8

923.517 $\pm$ 0.168 χ^2 /NDF: 24012118.6/47

Right Out: 851.906 $\pm$ 0.262 χ^2 /NDF: 5201238.9/16

Left In: 2763.346 $\pm$ 0.831 χ^2 /NDF: 176297.5/8

cor_sam7_mean vs slug



Right In: 168.983+/-187.287 χ^2/NDF : 19.4/12

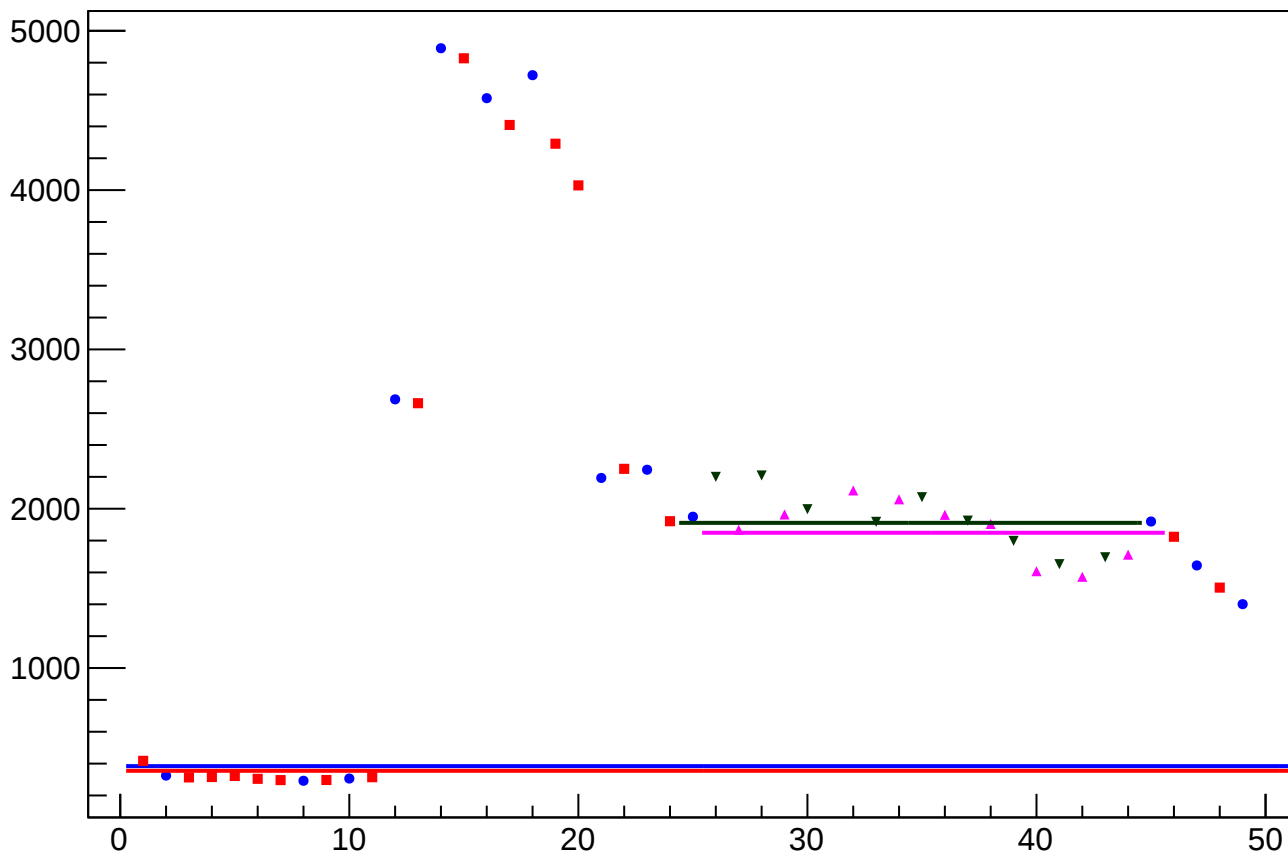
Left Out: -244.491+/-871.961 χ^2/NDF : 5.9/8

Right Out: 773.297+/-166.352 χ^2/NDF : 18.9/16

Left In: -997.335+/-784.451 χ^2/NDF : 9.8/8

456.004+/-121.639 χ^2/NDF : 64.1/47

cor_sam7_rms vs slug



Right In: 384.127 ± 0.132 $\chi^2/\text{NDF}: 8943630.7/12$

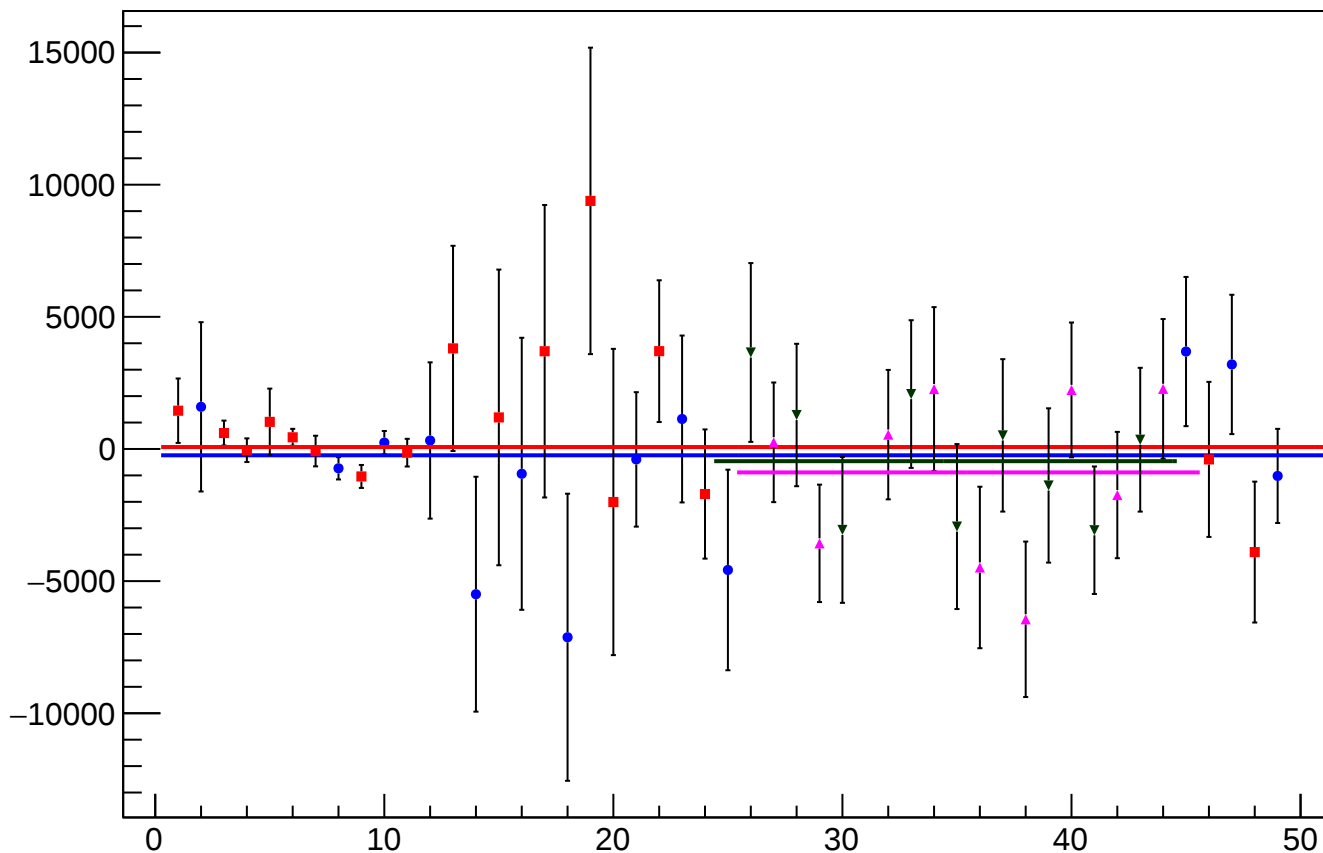
Left Out: 1911.248 ± 0.617 $\chi^2/\text{NDF}: 99791.7/8$

Right Out: 354.909 ± 0.118 $\chi^2/\text{NDF}: 6524837.9/16$

Left In: 1849.101 ± 0.555 $\chi^2/\text{NDF}: 109499.9/8$

433.447 ± 0.086 $\chi^2/\text{NDF}: 28520446.6/47$

cor_sam8_mean vs slug



Right In: -239.278 ± 288.609 $\chi^2/\text{NDF}: 11.3/12$

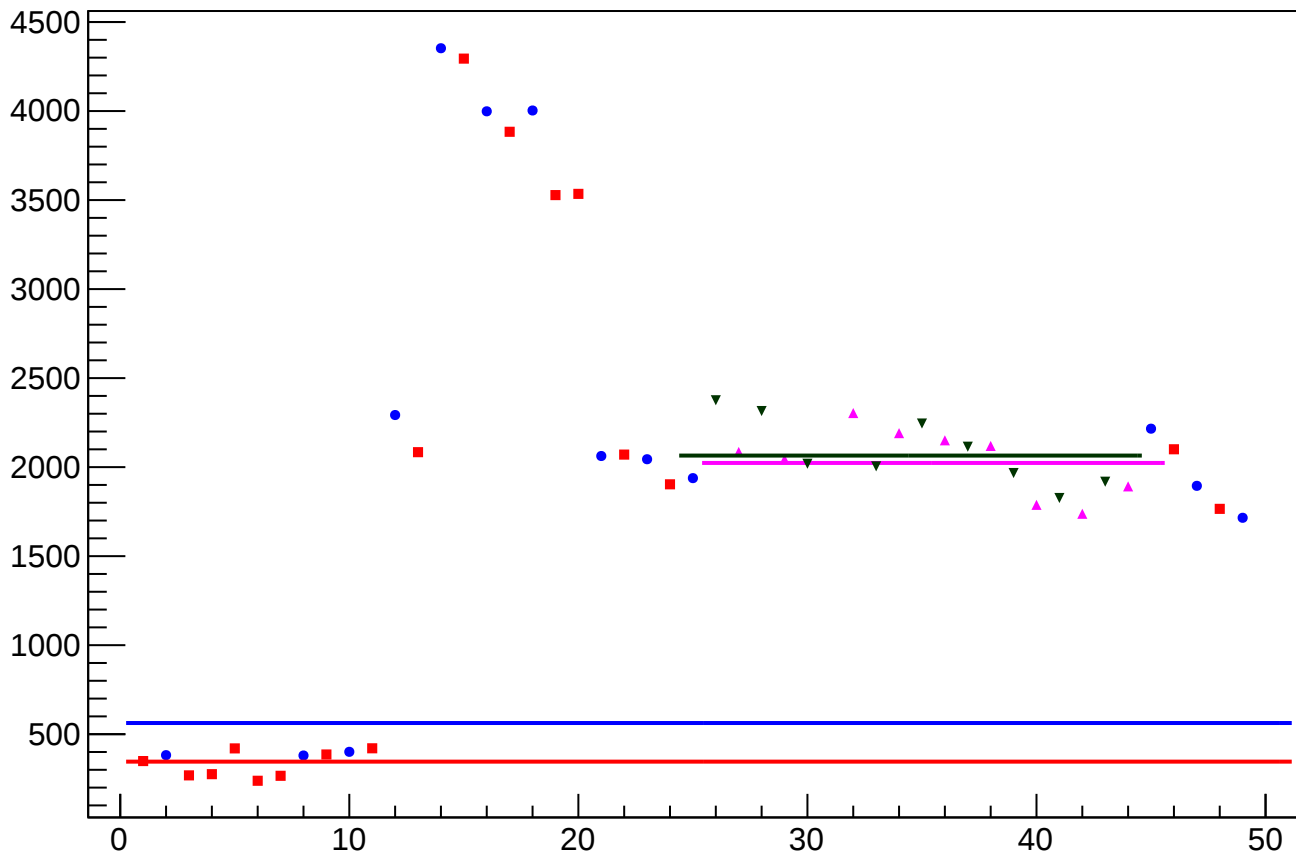
Left Out: -461.681 ± 939.996 $\chi^2/\text{NDF}: 5.7/8$

Right Out: 73.705 ± 173.432 $\chi^2/\text{NDF}: 20.0/16$

Left In: -886.546 ± 856.447 $\chi^2/\text{NDF}: 11.1/8$

-45.101 ± 144.720 $\chi^2/\text{NDF}: 50.2/47$

cor_sam8_rms vs slug



Right In: 562.783 $\pm$ 0.204 χ^2 /NDF: 7914285.6/12

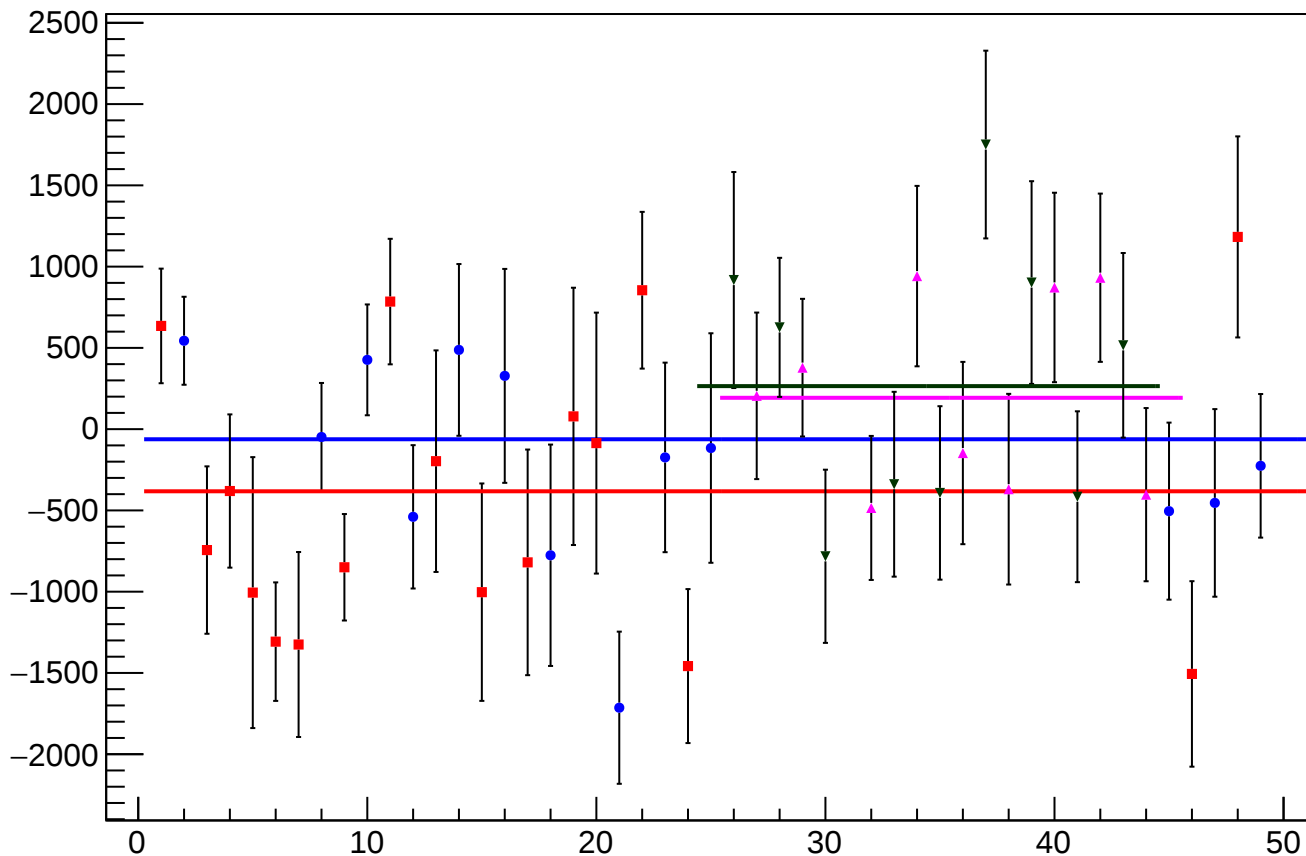
Left Out: 2064.944 $\pm$ 0.665 χ^2 /NDF: 70444.9/8

Right Out: 345.874 $\pm$ 0.123 χ^2 /NDF: 6776019.2/16

489.064 $\pm$ 0.102 χ^2 /NDF: 28385505.2/47

Left In: 2023.521 $\pm$ 0.606 χ^2 /NDF: 89774.9/8

reg_asym_sam1_mean vs slug



Right In: -62.212 ± 123.561 χ^2/NDF : 24.5/12

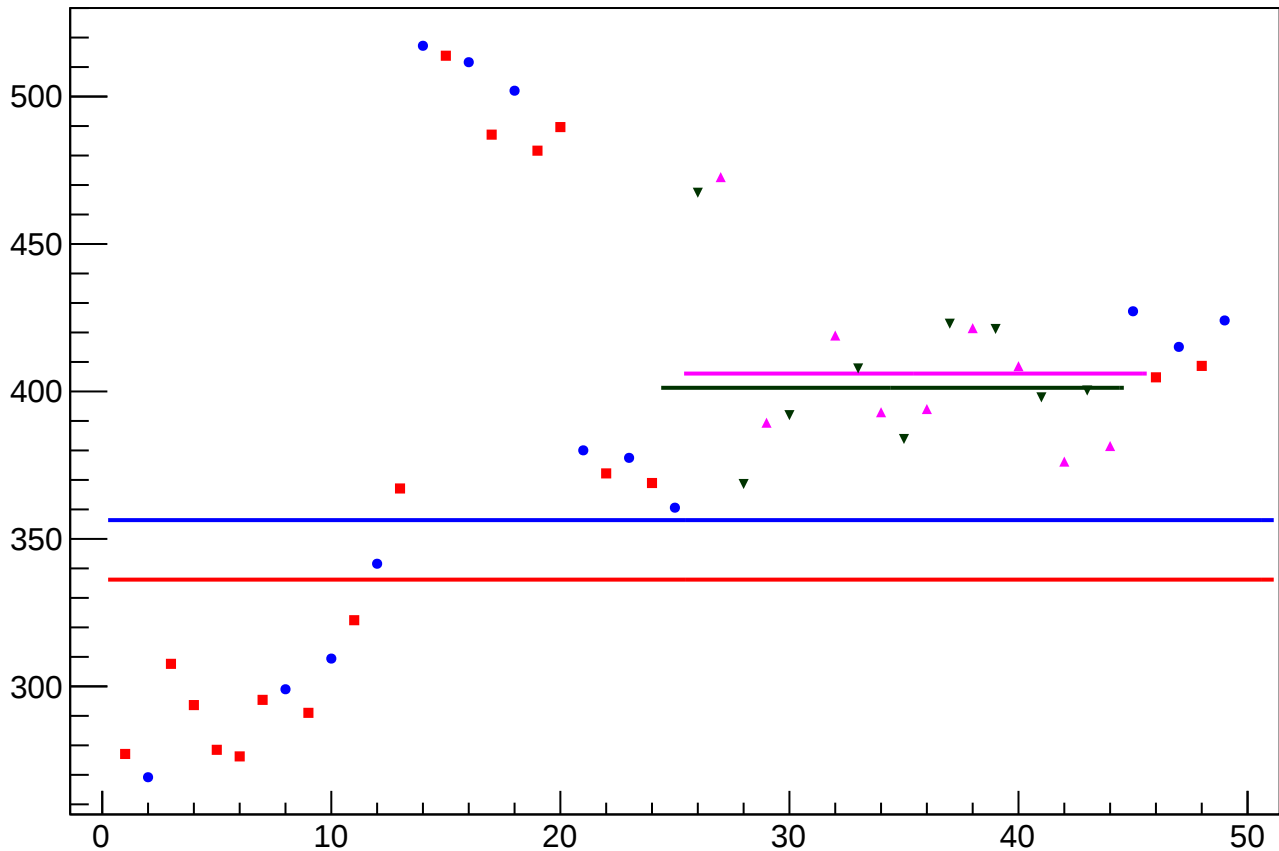
Left Out: 264.755 ± 182.132 χ^2/NDF : 17.7/8

-79.260 ± 71.049 χ^2/NDF : 118.5/47

Right Out: -382.336 ± 120.874 χ^2/NDF : 53.6/16

Left In: 192.929 ± 171.479 χ^2/NDF : 10.3/8

reg_asym_sam1_rms vs slug



Right In: 356.373+/-0.087 χ^2/NDF : 804607.0/12

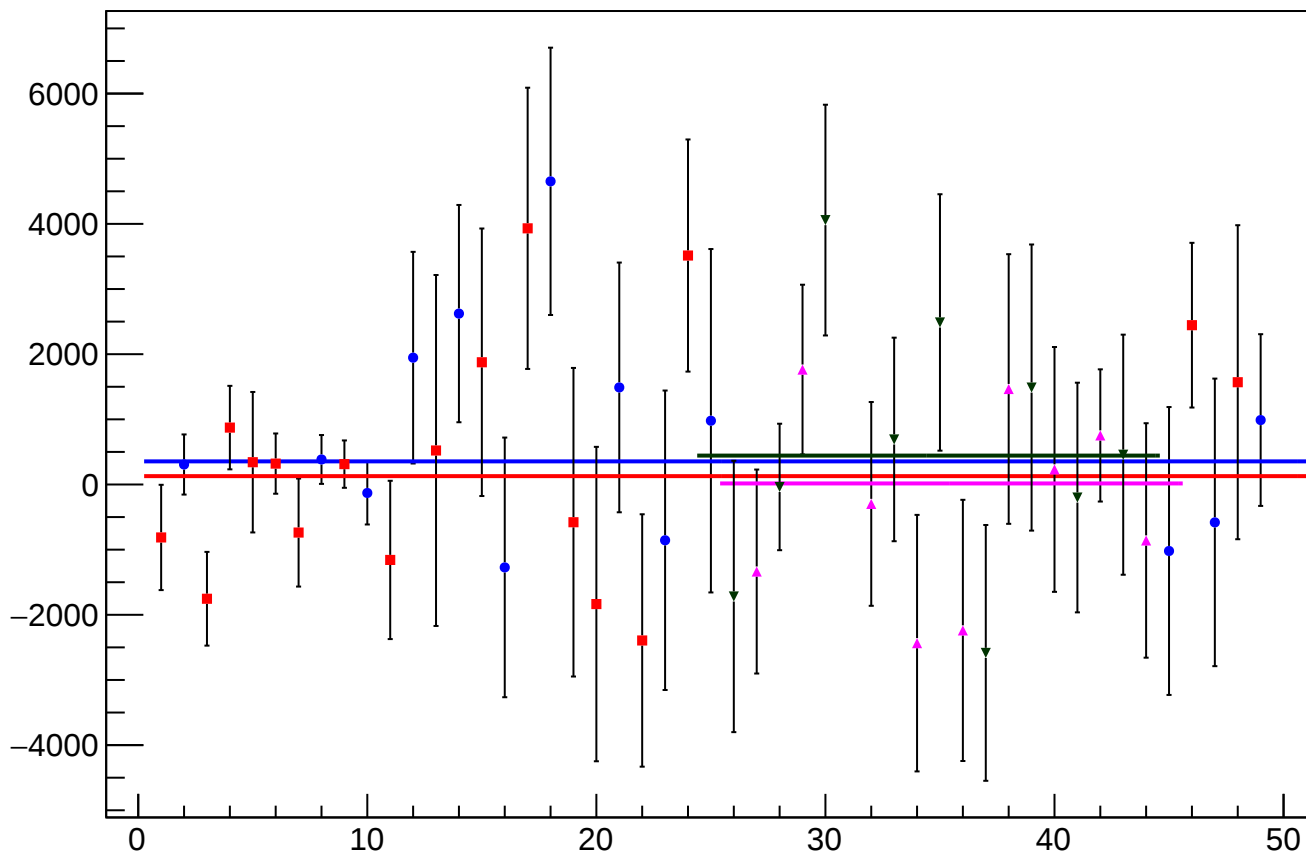
Left Out: 401.241+/-0.129 χ^2/NDF : 39393.7/8

Right Out: 336.197+/-0.085 χ^2/NDF : 650545.9/16

Left In: 406.067+/-0.121 χ^2/NDF : 52950.3/8

364.761+/-0.050 χ^2/NDF : 1864682.1/47

asym_sam1_correction_mean vs slug



Right In: 354.940 ± 230.001 χ^2/NDF : 10.4/12

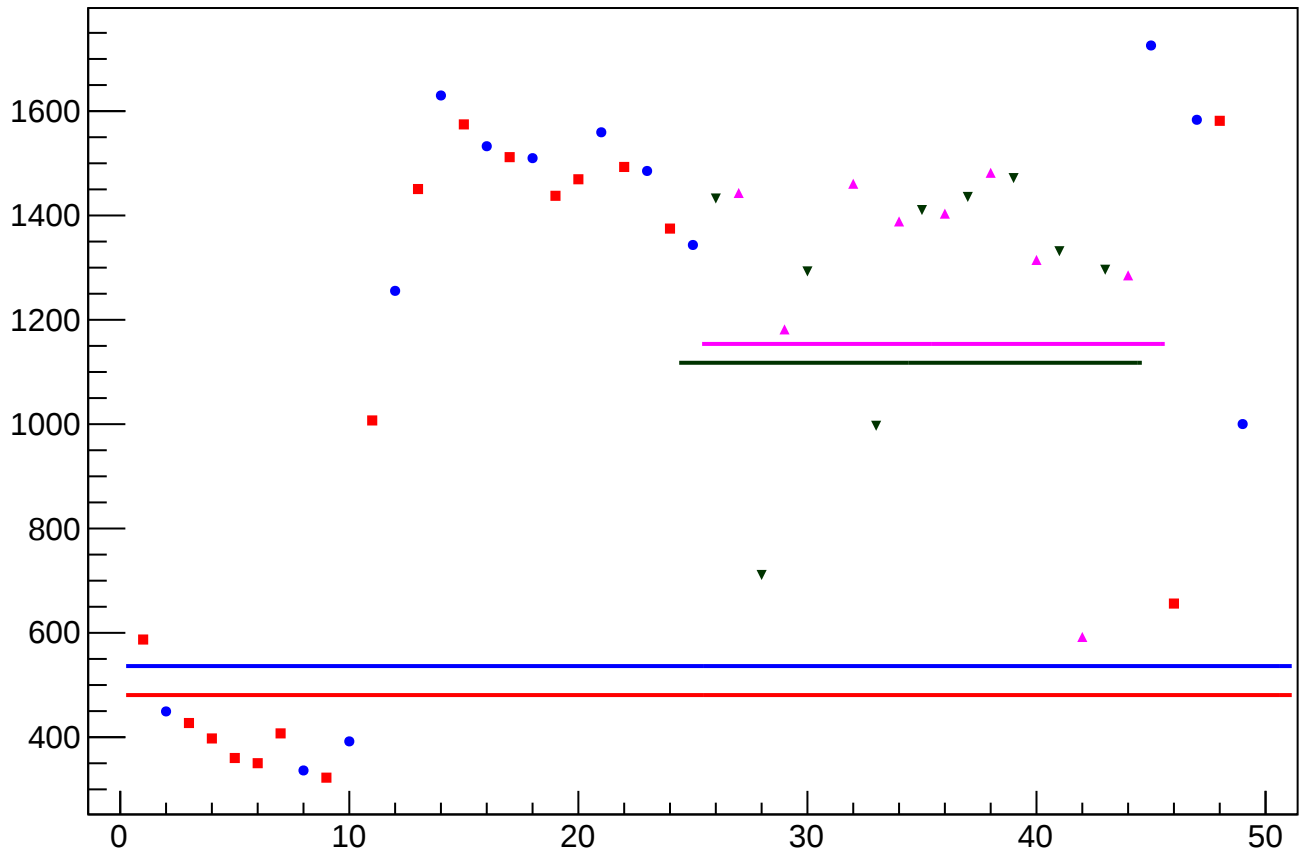
Left Out: 443.599 ± 545.326 χ^2/NDF : 9.3/8

Right Out: 128.293 ± 206.461 χ^2/NDF : 25.9/16

Left In: 16.228 ± 519.142 χ^2/NDF : 6.7/8

227.994 ± 142.225 χ^2/NDF : 53.1/47

asym_sam1_correction_rms vs slug



Right In: 536.332+/-0.163 χ^2/NDF : 5398290.0/12

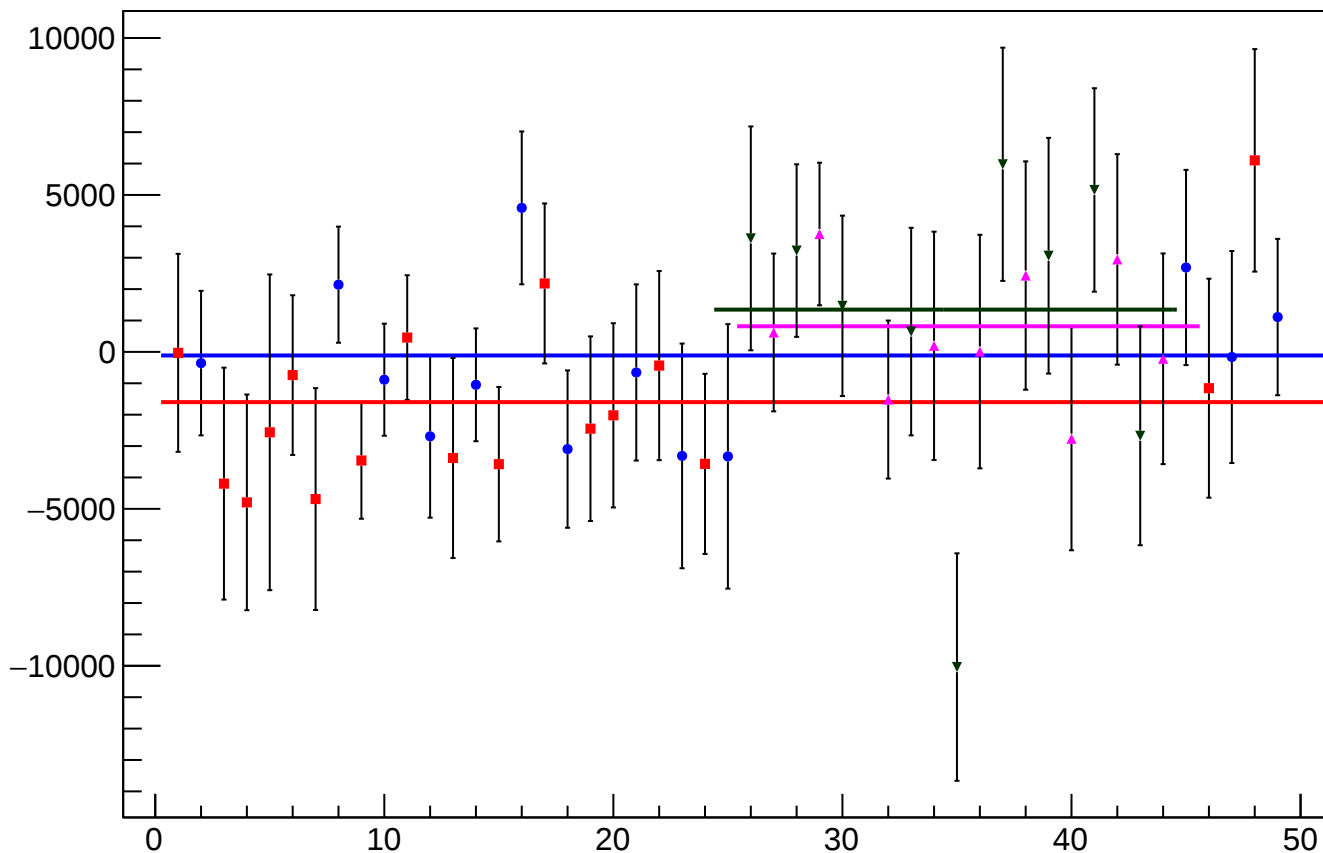
Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

595.839+/-0.101 χ^2/NDF : 16301538.4/47

Right Out: 480.743+/-0.146 χ^2/NDF : 4486536.1/16

Left In: 1153.785+/-0.367 χ^2/NDF : 894423.1/8

reg_asym_sam2_mean vs slug



Right In: -113.804 ± 674.974 χ^2/NDF : 10.6/12

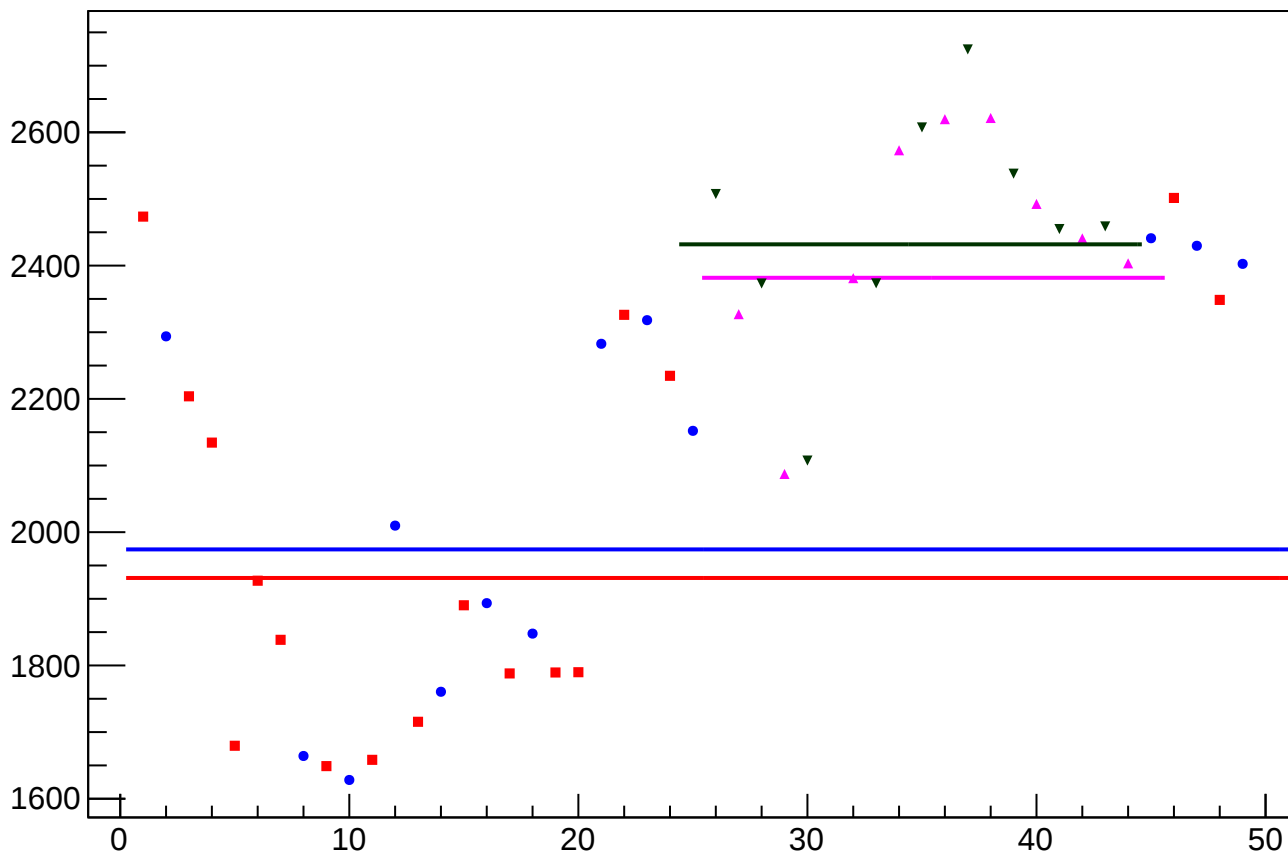
Left Out: 1347.049 ± 1103.859 χ^2/NDF : 15.3/8

Right Out: -1600.317 ± 686.790 χ^2/NDF : 13.2/16

Left In: 816.318 ± 1004.864 χ^2/NDF : 4.3/8

-282.182 ± 404.026 χ^2/NDF : 50.5/47

reg_asym_sam2_rms vs slug



Right In: 1974.134+/-0.477 χ^2/NDF : 392703.8/12

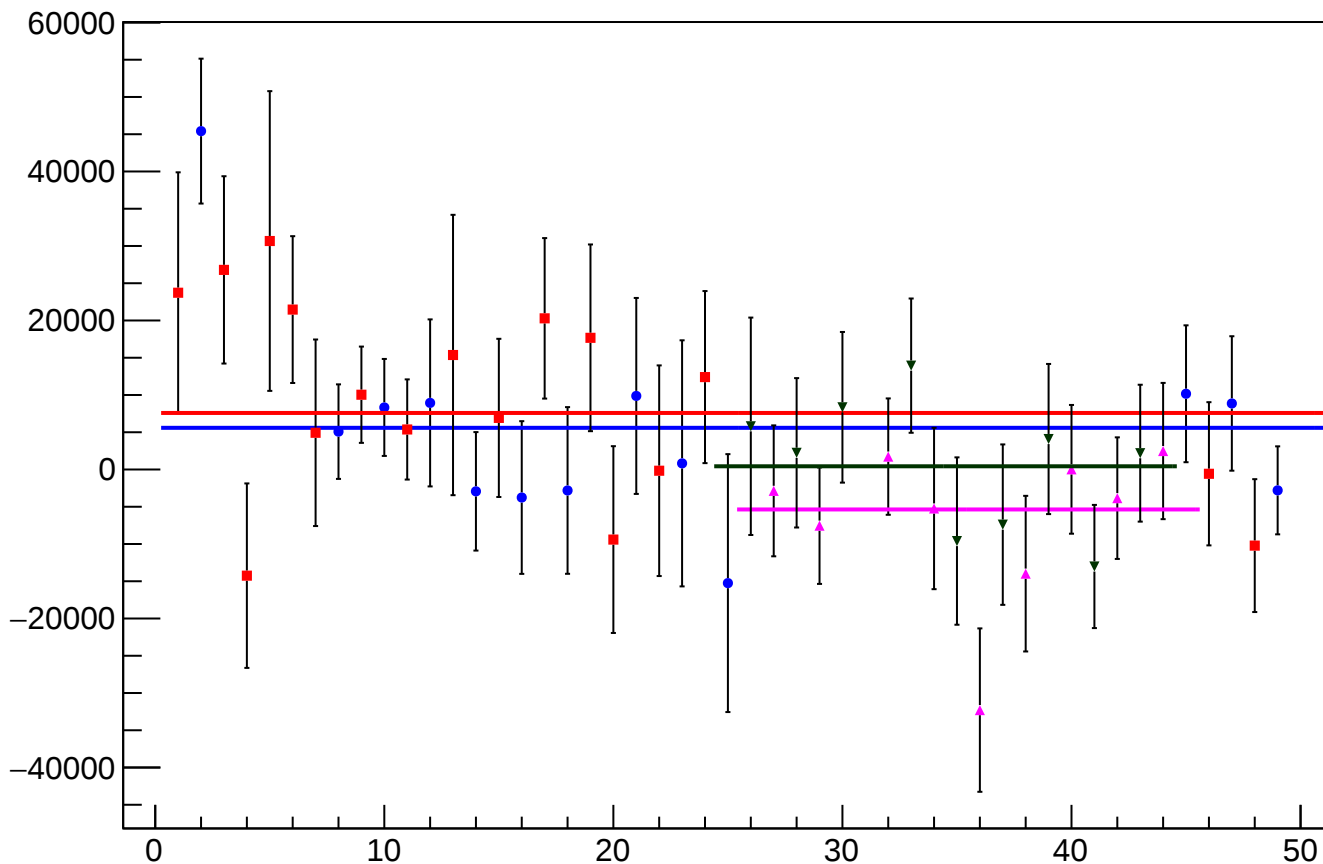
Left Out: 2431.909+/-0.781 χ^2/NDF : 46832.9/8

Right Out: 1931.273+/-0.486 χ^2/NDF : 330744.9/16

Left In: 2381.708+/-0.711 χ^2/NDF : 59588.7/8

2086.515+/-0.286 χ^2/NDF : 1355904.0/47

asym_sam2_correction_mean vs slug



Right In: 5593.806 $\pm$ 2455.135 χ^2 /NDF: 23.6/12

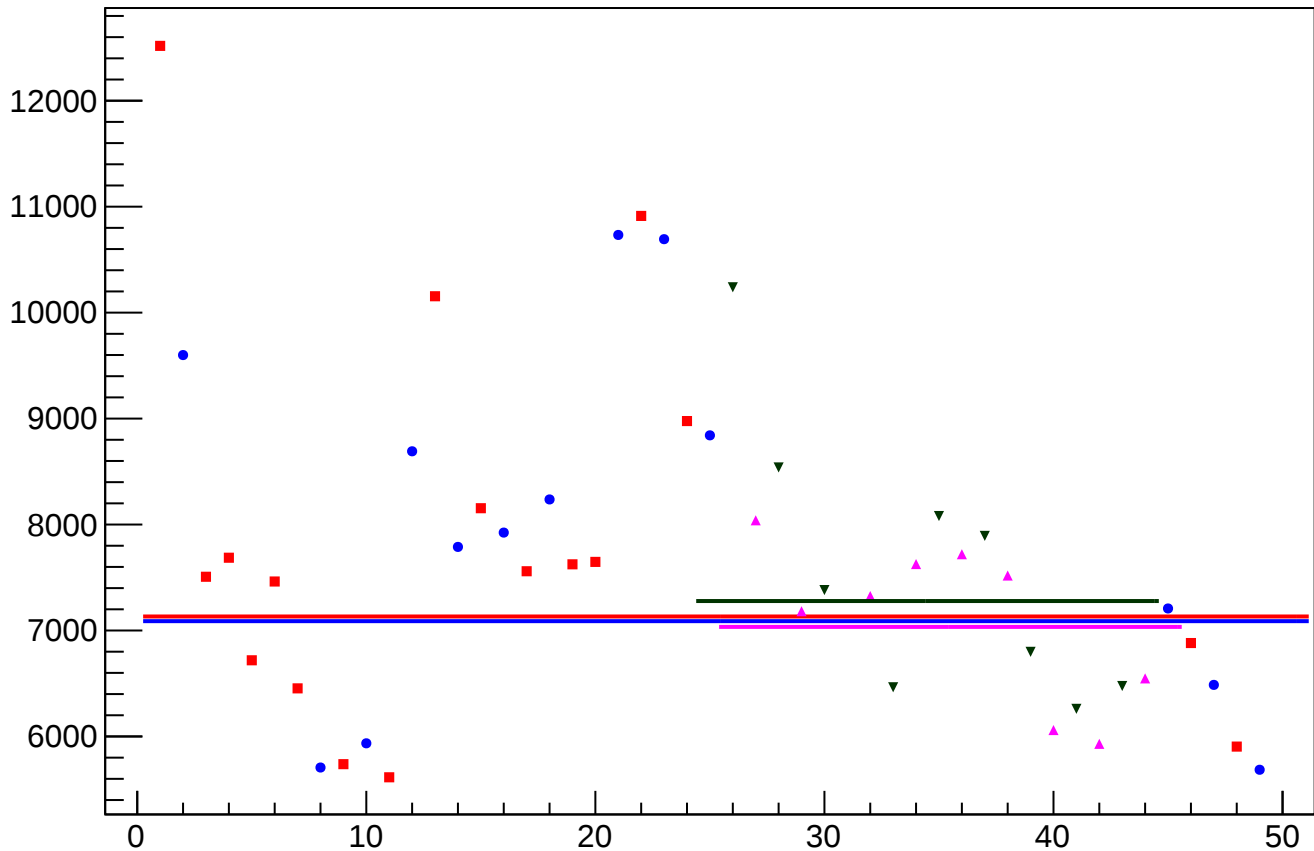
Left Out: 430.700 $\pm$ 3340.198 χ^2 /NDF: 7.2/8

Right Out: 7588.562 $\pm$ 2574.556 χ^2 /NDF: 19.3/16

Left In: -5364.101 $\pm$ 2986.755 χ^2 /NDF: 8.9/8

2912.606 $\pm$ 1388.758 χ^2 /NDF: 71.7/47

asym_sam2_correction_rms vs slug



Right In: 7088.147+/-1.736 χ^2 /NDF: 773285.0/12

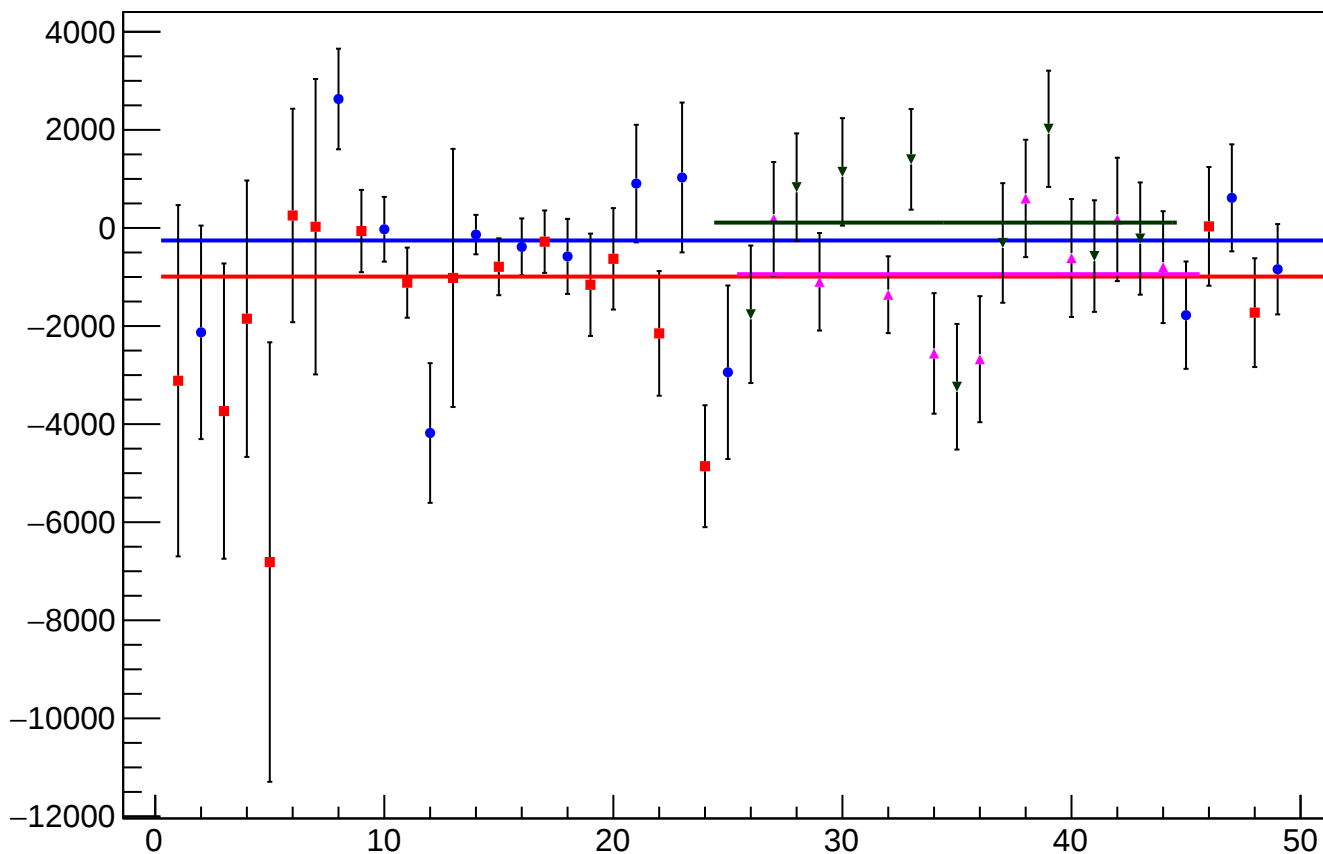
Left Out: 7278.054+/-2.362 χ^2 /NDF:197341.3/8

Right Out: 7132.227+/-1.820 χ^2 /NDF: 744877.4/16

Left In: 7034.039+/-2.112 χ^2 /NDF:115475.0/8

7122.103+/-0.982 χ^2 /NDF: 1837490.7/47

reg_asym_sam3_mean vs slug



Right In: -255.140+/-228.766 χ^2/NDF : 23.6/12

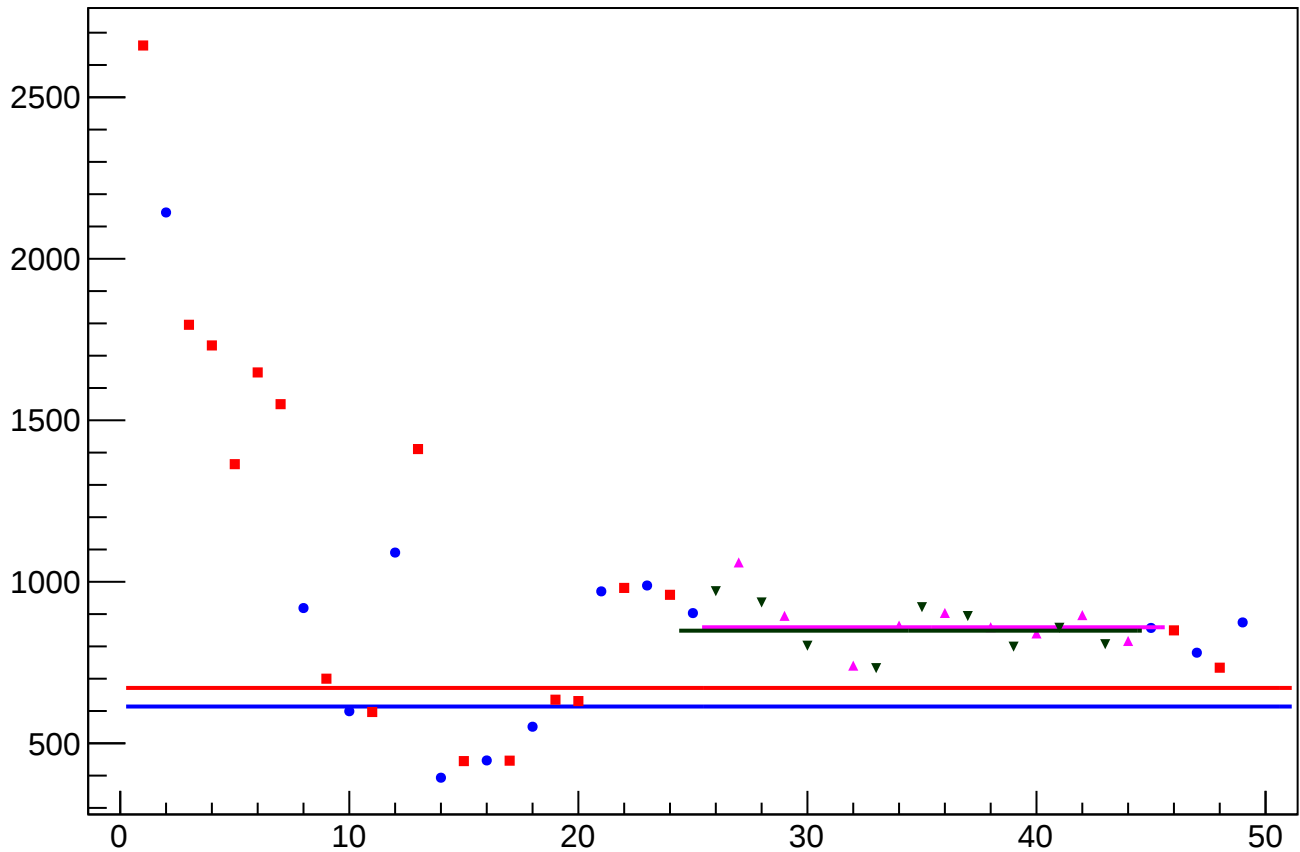
Left Out: 109.468+/-387.723 χ^2/NDF : 14.7/8

Right Out: -991.345+/-264.707 χ^2/NDF : 17.8/16

Left In: -942.699+/-366.632 χ^2/NDF : 7.3/8

-533.128+/-145.139 χ^2/NDF : 71.9/47

reg_asym_sam3_rms vs slug



Right In: 613.872 ± 0.162 $\chi^2/\text{NDF}: 2824941.2/12$

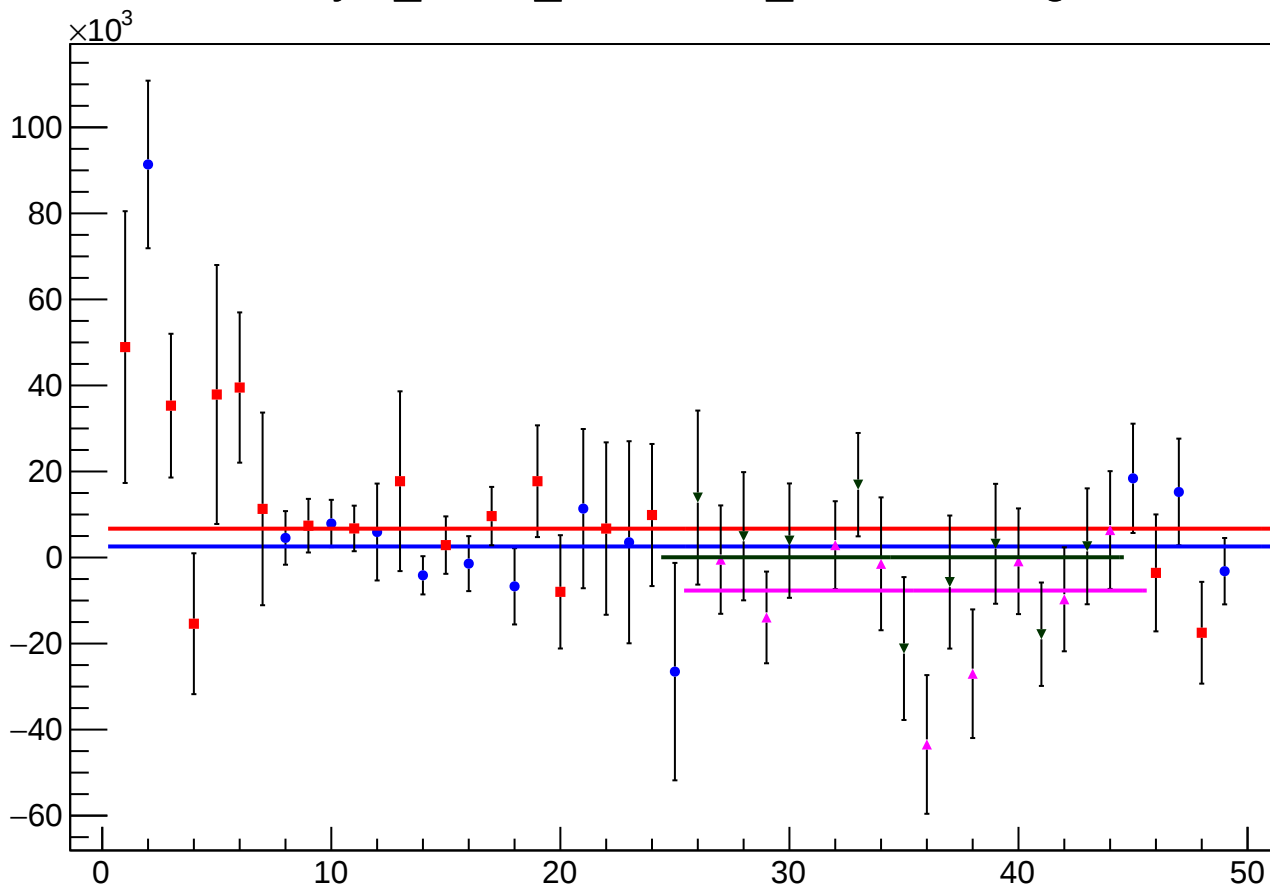
Left Out: 848.692 ± 0.274 $\chi^2/\text{NDF}: 72527.0/8$

702.528 ± 0.103 $\chi^2/\text{NDF}: 6809849.3/47$

Right Out: 671.424 ± 0.187 $\chi^2/\text{NDF}: 2819160.8/16$

Left In: 859.214 ± 0.259 $\chi^2/\text{NDF}: 115718.5/8$

asym_sam3_correction_mean vs slug



Right In: 2568.726 $\pm$ 2275.913 χ^2 /NDF: 30.4/12

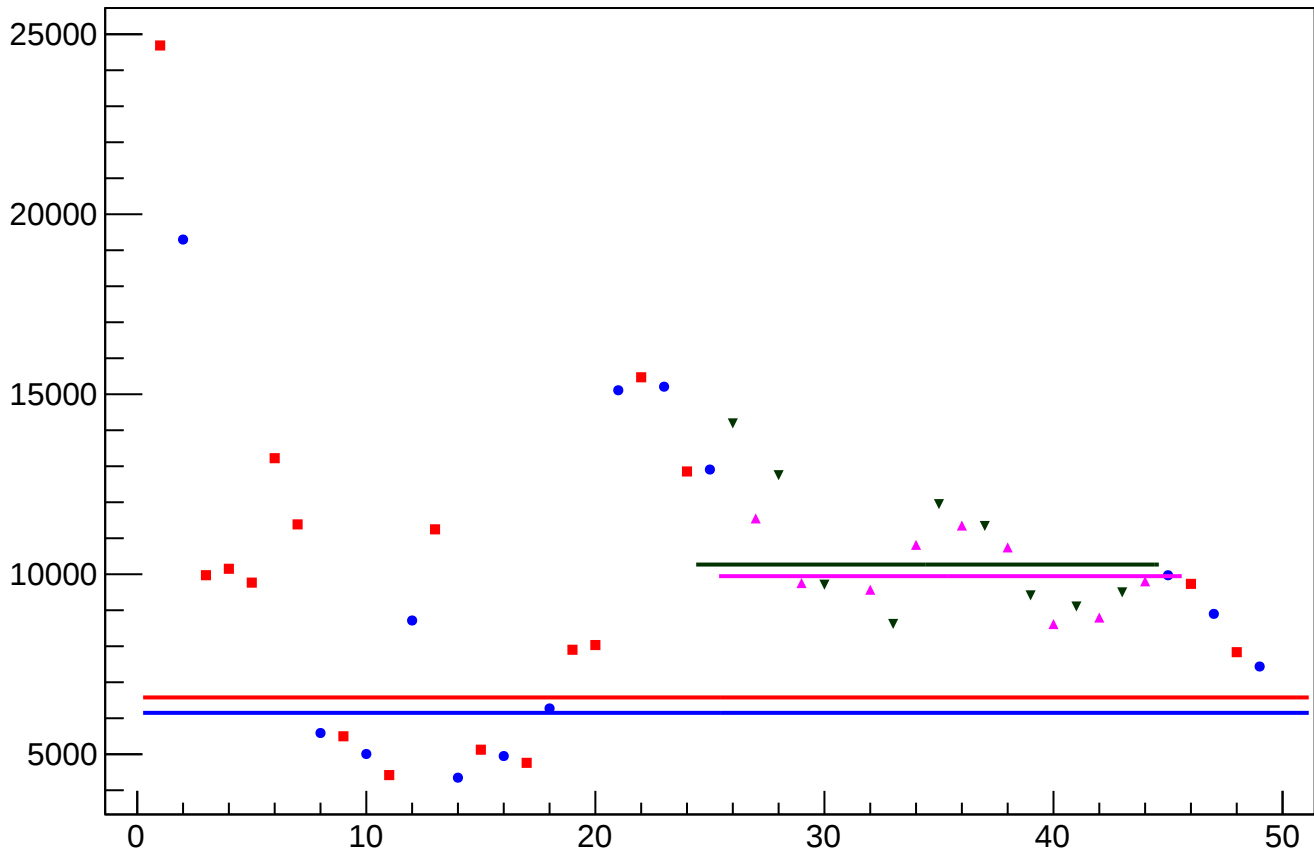
Left Out: 59.920 $\pm$ 4718.227 χ^2 /NDF: 6.7/8

2448.712 $\pm$ 1495.799 χ^2 /NDF: 74.5/47

Right Out: 6708.417 $\pm$ 2557.062 χ^2 /NDF: 18.7/16

Left In: -7677.411 $\pm$ 4224.746 χ^2 /NDF: 9.9/8

asym_sam3_correction_rms vs slug



Right In: 6149.775+/-1.609 χ^2/NDF : 2761544.7/12

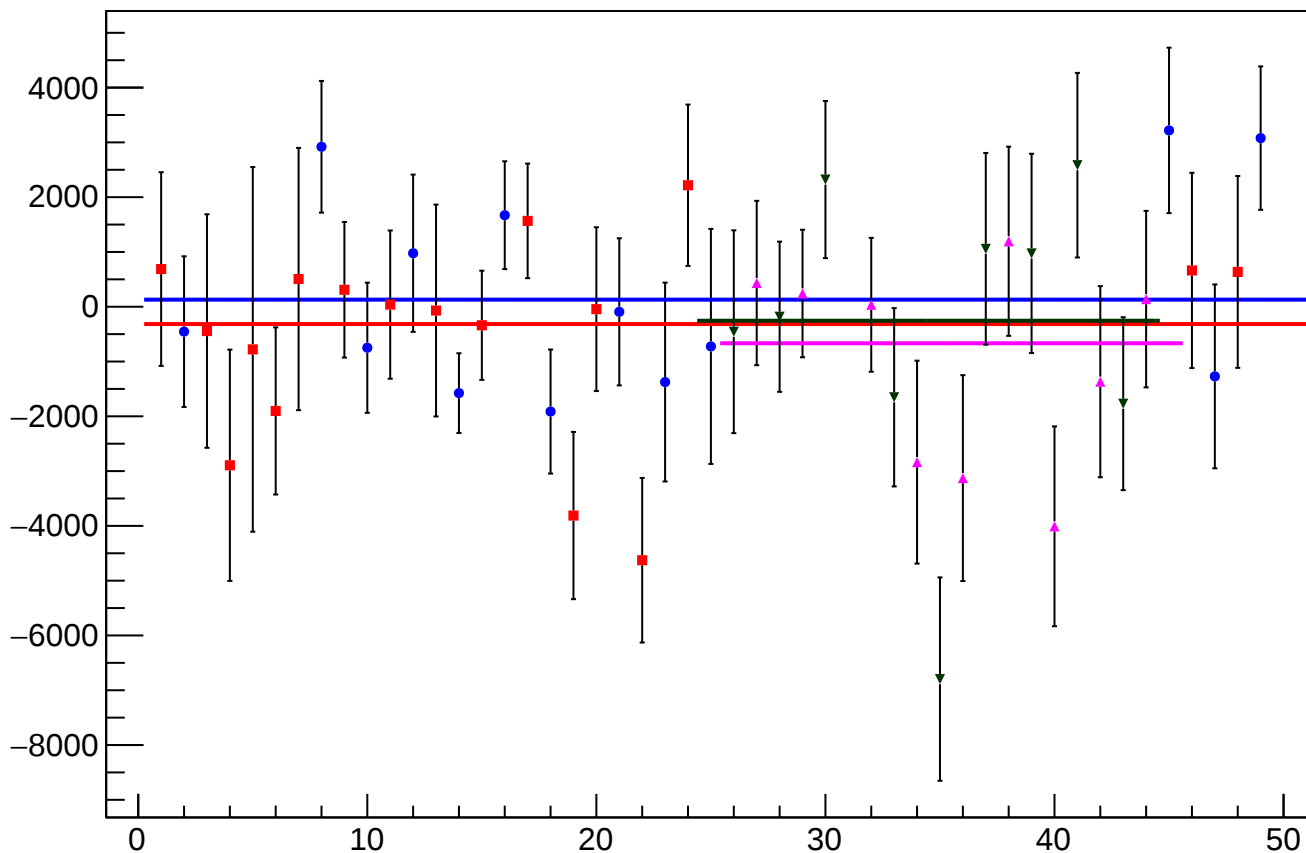
Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8

7186.328+/-1.058 χ^2/NDF : 8164219.2/47

Right Out: 6578.008+/-1.808 χ^2/NDF : 2827161.2/16

Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 129.474+/-341.562 χ^2/NDF : 28.5/12

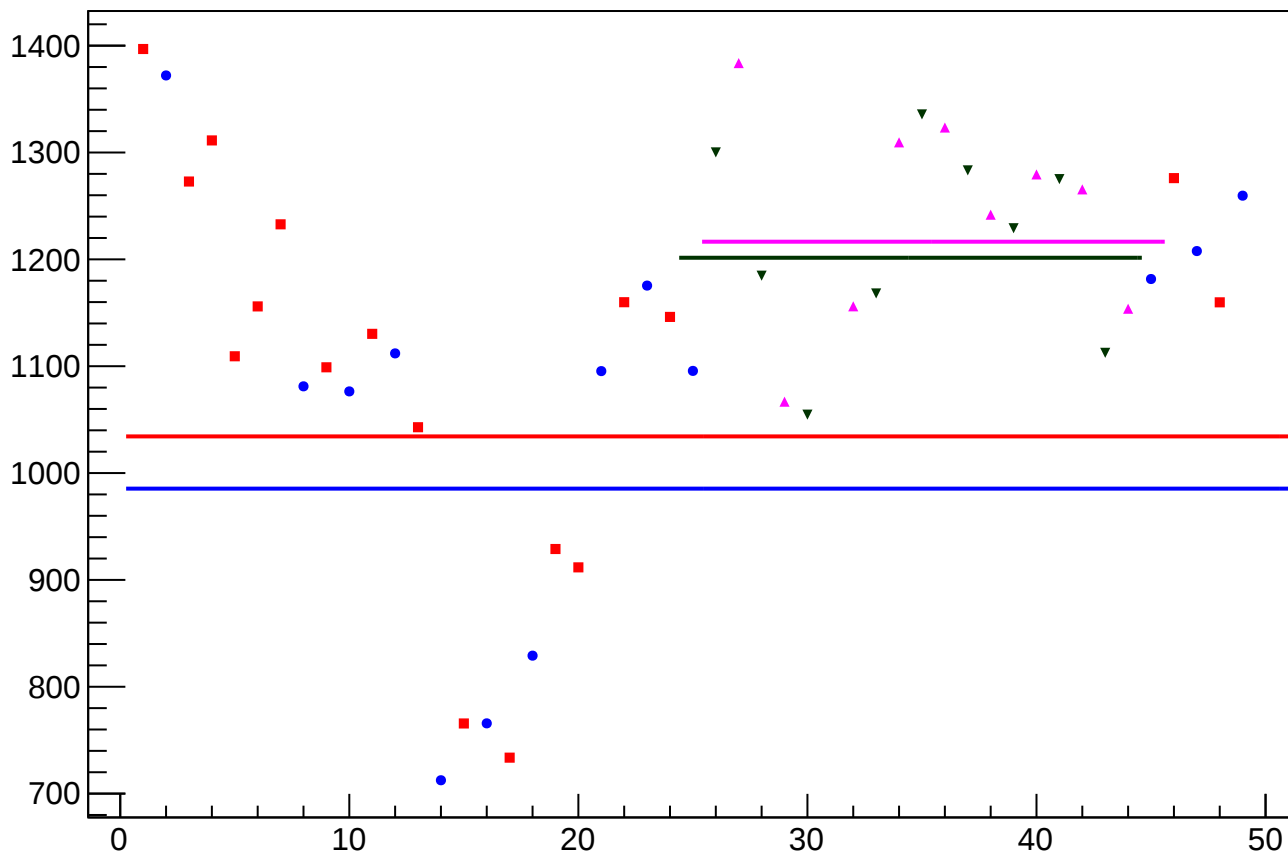
Left Out: -255.316+/-545.443 χ^2/NDF : 21.2/8

Right Out: -315.924+/-370.901 χ^2/NDF : 23.7/16

Left In: -666.576+/-514.516 χ^2/NDF : 9.5/8

-198.563+/-208.608 χ^2/NDF : 84.7/47

reg_asym_sam4_rms vs slug



Right In: 985.427+/-0.242 χ^2/NDF : 814810.7/12

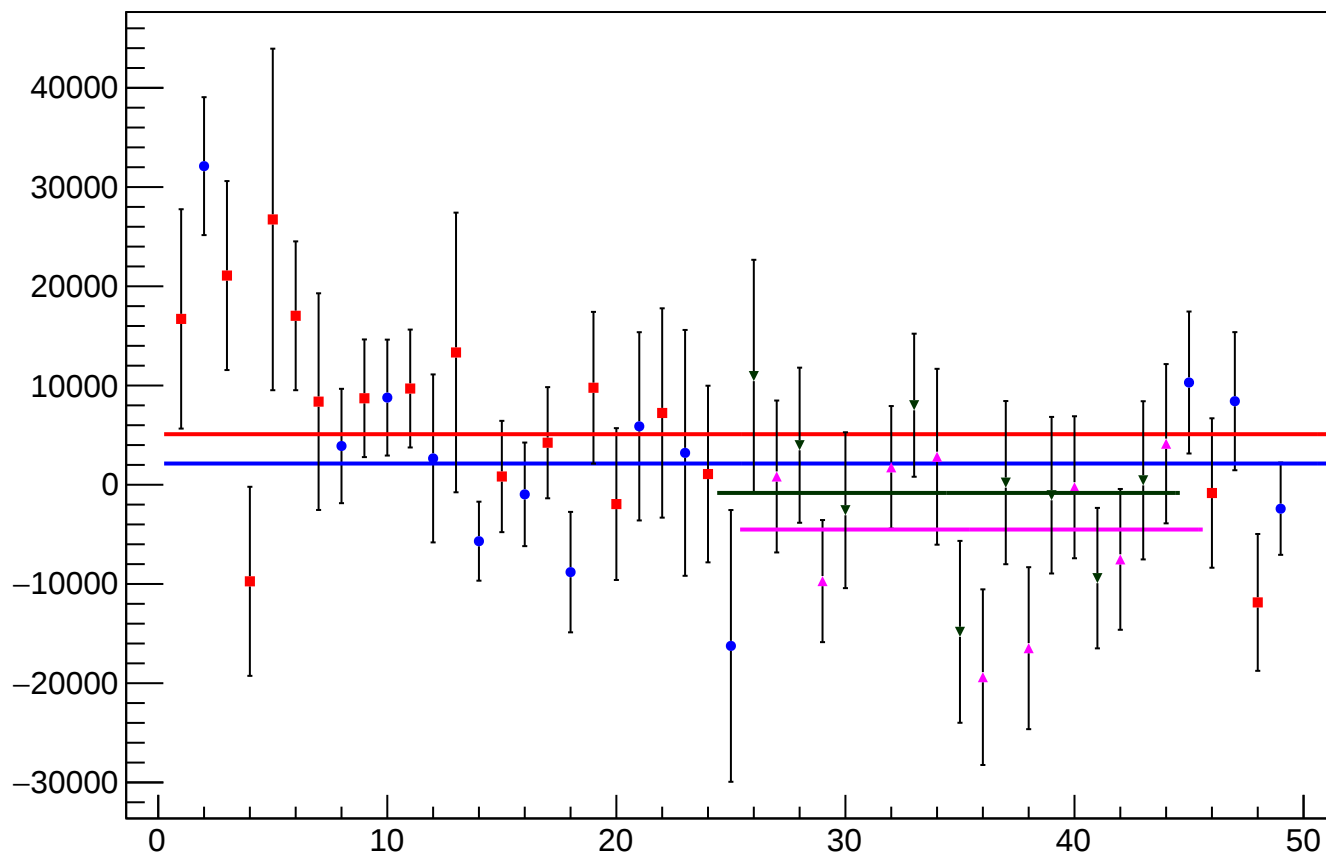
Left Out: 1201.502+/-0.386 χ^2/NDF : 53243.4/8

Right Out: 1034.304+/-0.262 χ^2/NDF : 592945.2/16

Left In: 1216.522+/-0.364 χ^2/NDF : 81773.0/8

1070.483+/-0.148 χ^2/NDF : 1962352.4/47

asym_sam4_correction_mean vs slug



Right In: 2138.728 ± 1739.582 χ^2/NDF : 32.5/12

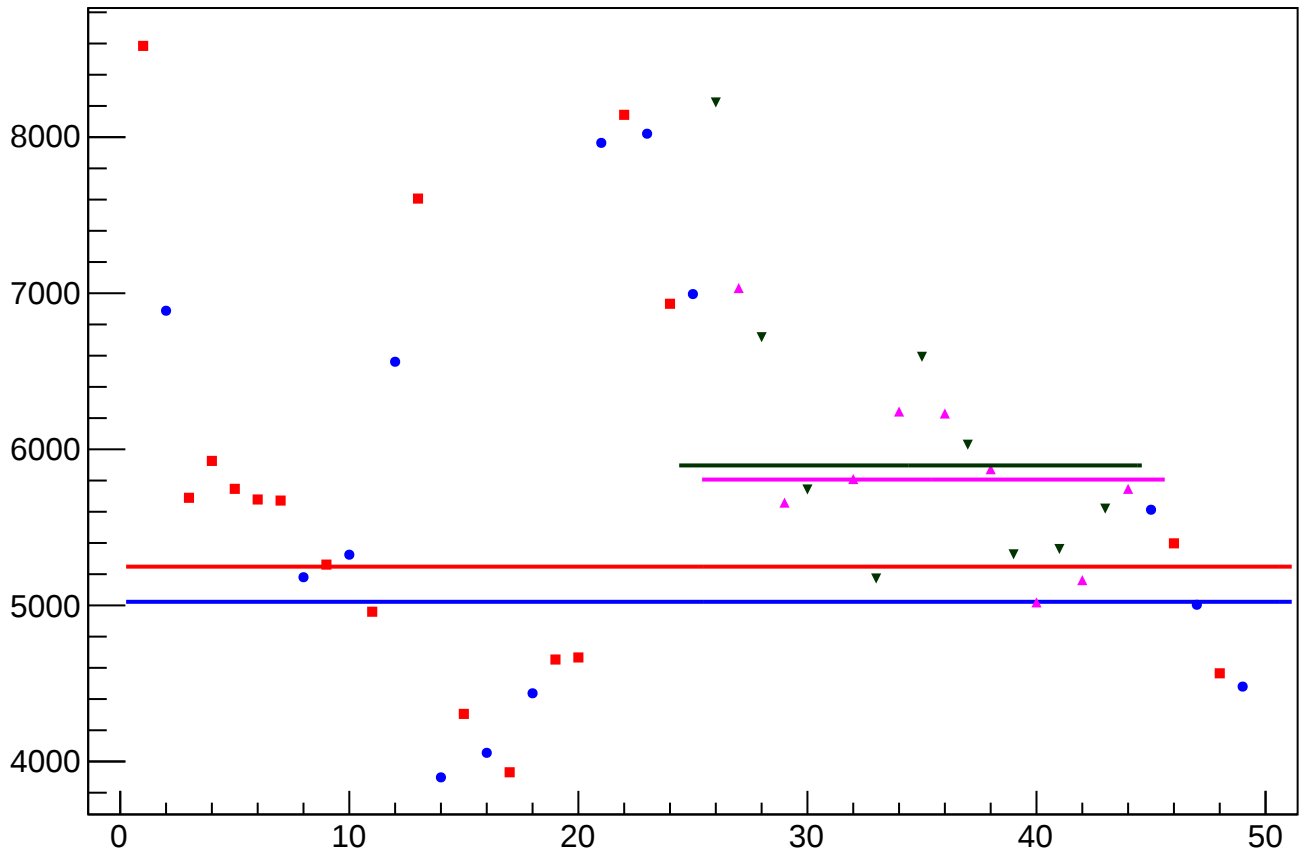
Left Out: -824.542 ± 2696.175 χ^2/NDF : 6.8/8

Right Out: 5094.528 ± 1890.722 χ^2/NDF : 20.6/16

Left In: -4513.128 ± 2460.890 χ^2/NDF : 9.6/8

1394.710 ± 1046.632 χ^2/NDF : 79.9/47

asym_sam4_correction_rms vs slug



Right In: 5023.078+/-1.230 χ^2/NDF : 855683.1/12

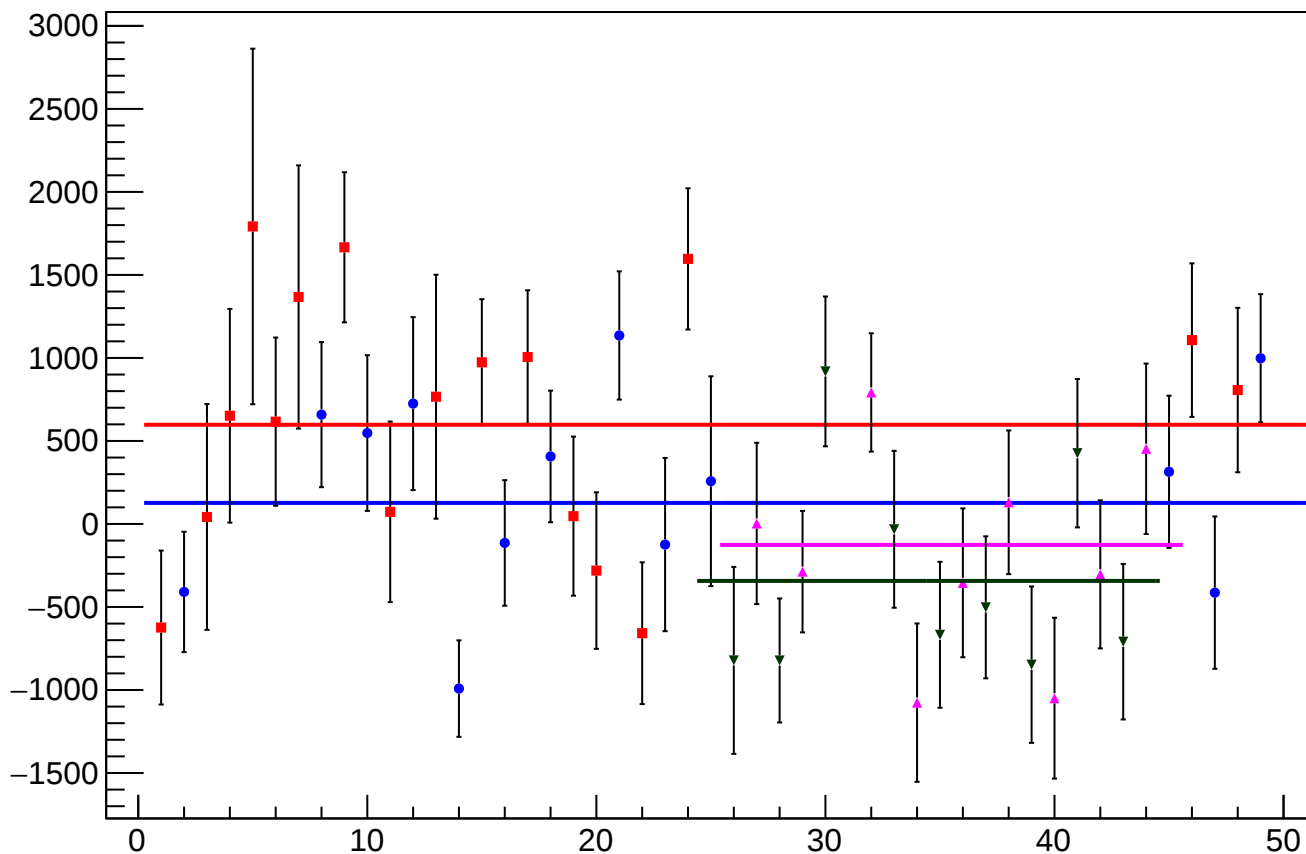
Left Out: 5896.806+/-1.906 χ^2/NDF : 158167.8/8

5365.442+/-0.740 χ^2/NDF : 2045944.3/47

Right Out: 5248.369+/-1.337 χ^2/NDF : 702247.4/16

Left In: 5806.242+/-1.740 χ^2/NDF : 102860.0/8

reg_asym_sam5_mean vs slug



Right In: 126.904 ± 115.179 χ^2/NDF : 35.2/12

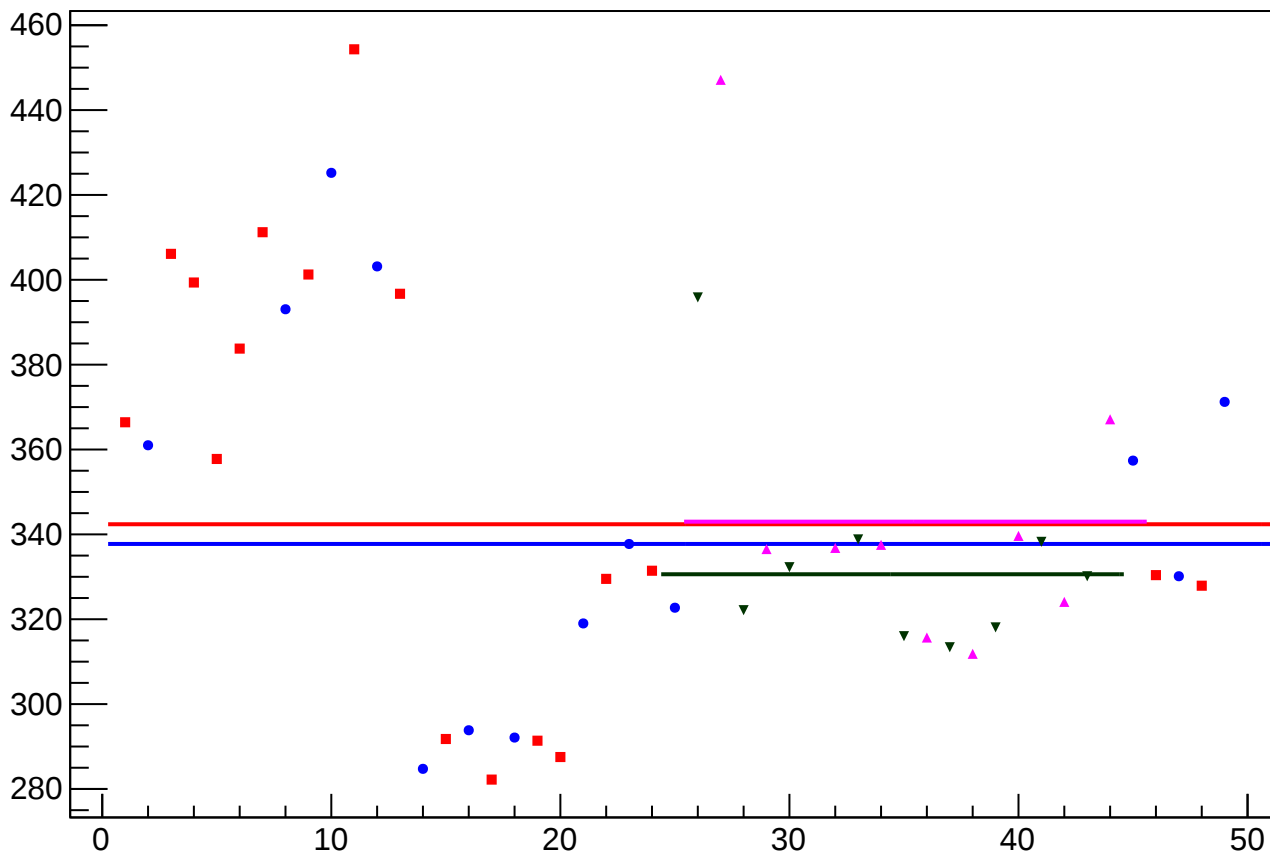
Left Out: -342.981 ± 150.000 χ^2/NDF : 16.0/8

Right Out: 597.558 ± 121.762 χ^2/NDF : 38.7/16

Left In: -126.114 ± 145.287 χ^2/NDF : 16.5/8

122.110 ± 65.282 χ^2/NDF : 134.3/47

reg_asym_sam5_rms vs slug



Right In: 337.743+/-0.081 χ^2/NDF : 286491.9/12

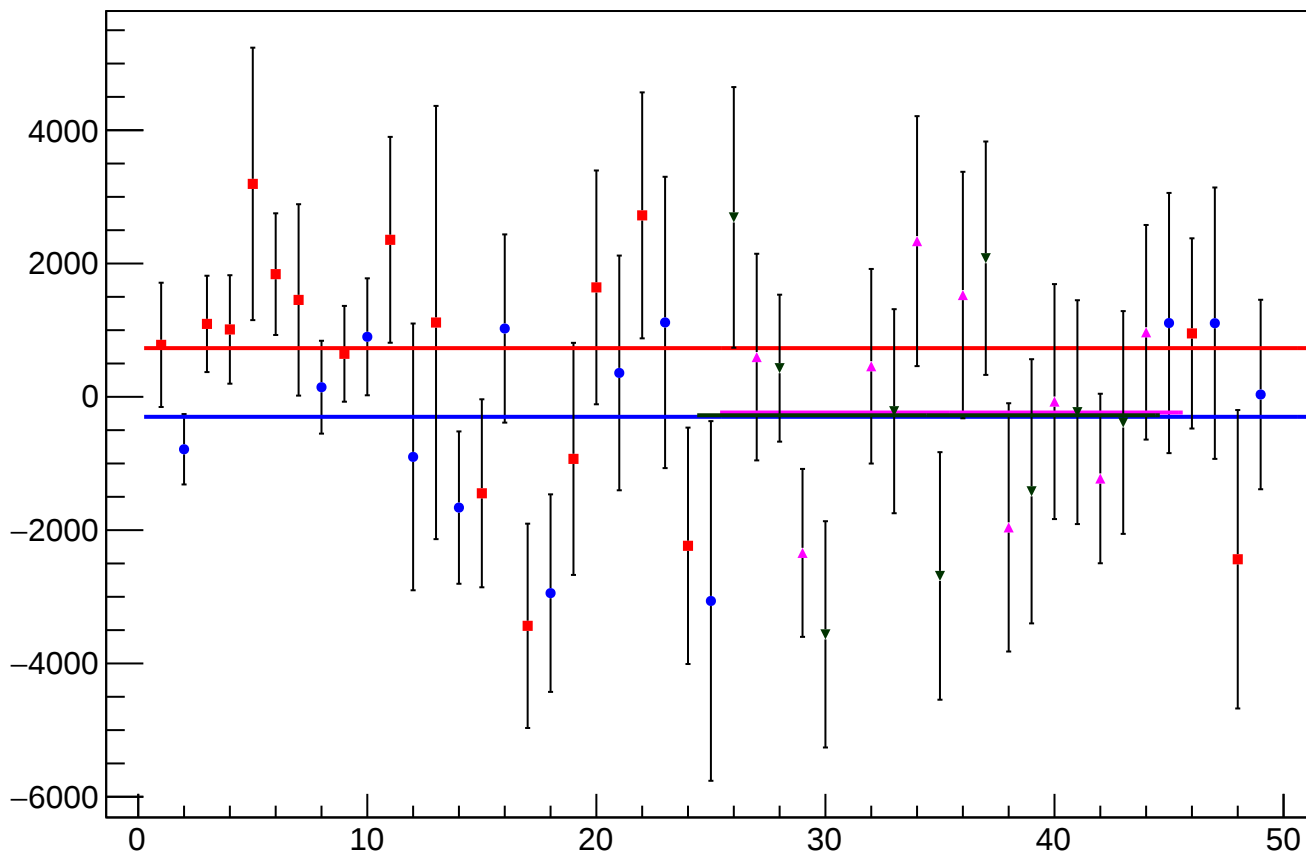
Left Out: 330.601+/-0.106 χ^2/NDF : 35957.8/8

338.787+/-0.046 χ^2/NDF : 784478.9/47

Right Out: 342.388+/-0.086 χ^2/NDF : 333256.7/16

Left In: 342.998+/-0.103 χ^2/NDF : 119222.4/8

asym_sam5_correction_mean vs slug



Right In: -299.922 ± 307.320 $\chi^2/\text{NDF}: 11.4/12$

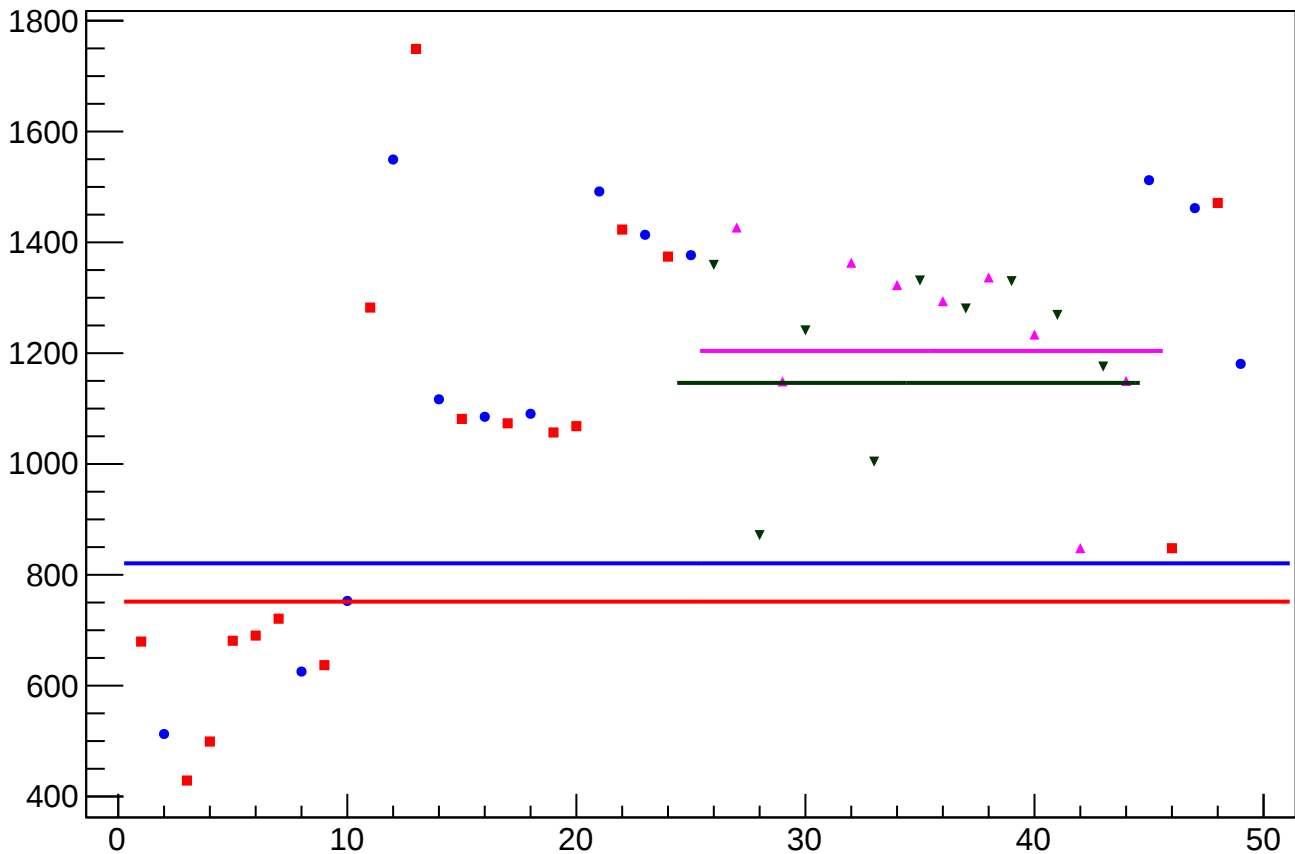
Left Out: -276.488 ± 539.013 $\chi^2/\text{NDF}: 10.3/8$

Right Out: 730.633 ± 290.655 $\chi^2/\text{NDF}: 21.6/16$

Left In: -235.272 ± 519.379 $\chi^2/\text{NDF}: 8.1/8$

123.389 ± 183.884 $\chi^2/\text{NDF}: 58.7/47$

asym_sam5_correction_rms vs slug



Right In: 820.732+/-0.217 χ^2/NDF : 2486155.3/12

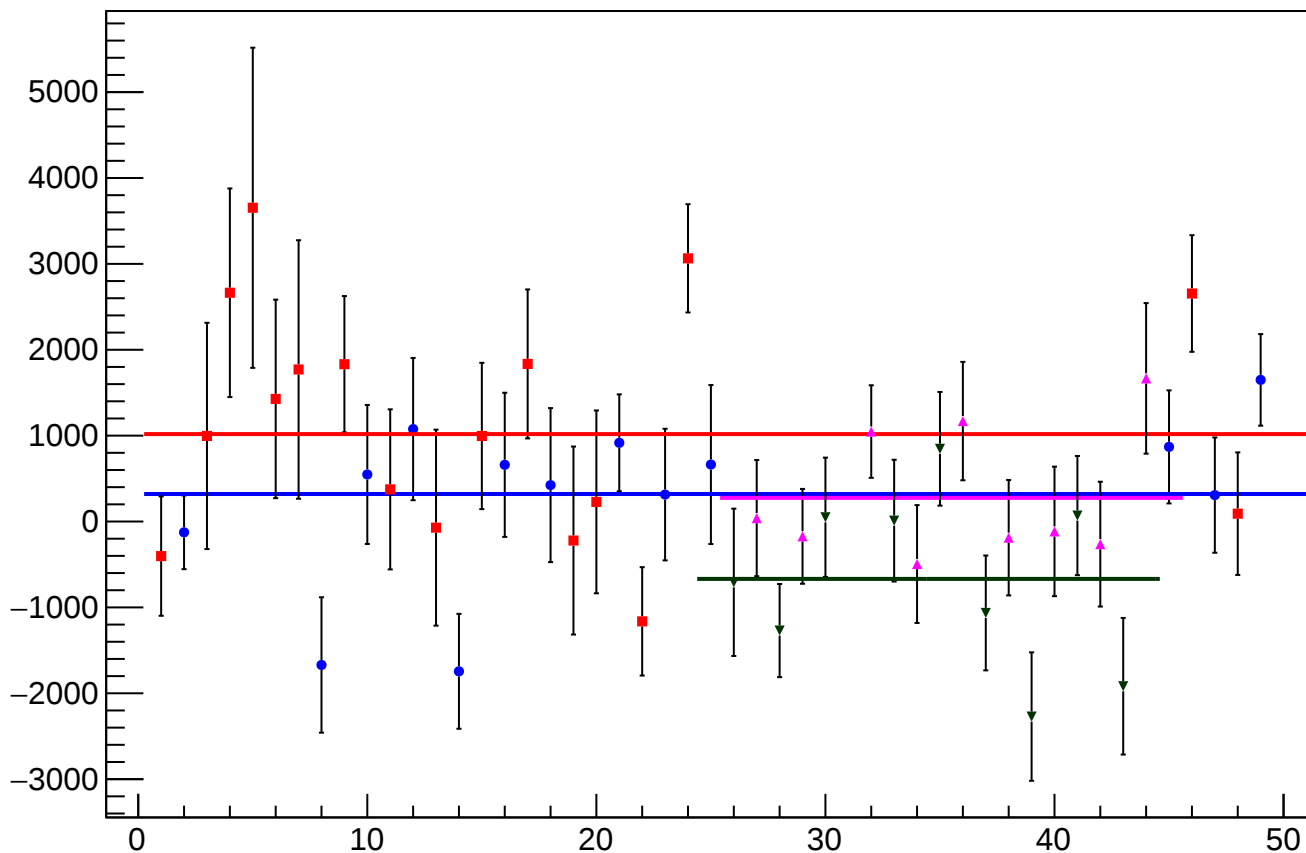
Left Out: 1146.369+/-0.381 χ^2/NDF : 231446.2/8

879.004+/-0.130 χ^2/NDF : 6842712.9/47

Right Out: 751.611+/-0.206 χ^2/NDF : 2142659.0/16

Left In: 1203.975+/-0.367 χ^2/NDF : 251275.8/8

reg_asym_sam6_mean vs slug



Right In: 320.405+/-185.767 χ^2/NDF : 26.2/12

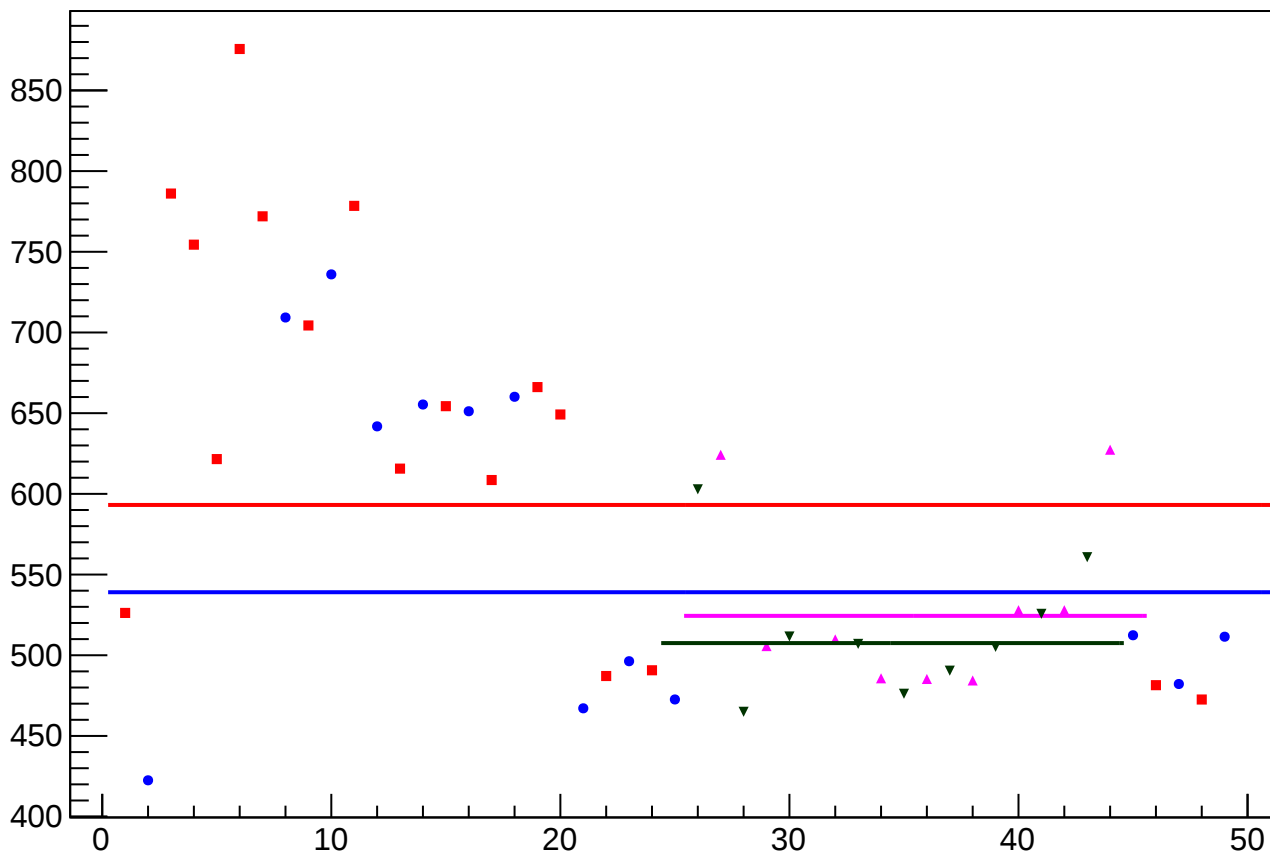
Left Out: -668.141+/-230.723 χ^2/NDF : 17.0/8

Right Out: 1018.126+/-213.708 χ^2/NDF : 43.5/16

Left In: 275.250+/-221.925 χ^2/NDF : 9.6/8

273.609+/-105.431 χ^2/NDF : 125.2/47

reg_asym_sam6_rms vs slug



Right In: 539.054 $\pm$ 0.131 χ^2 /NDF: 594586.5/12

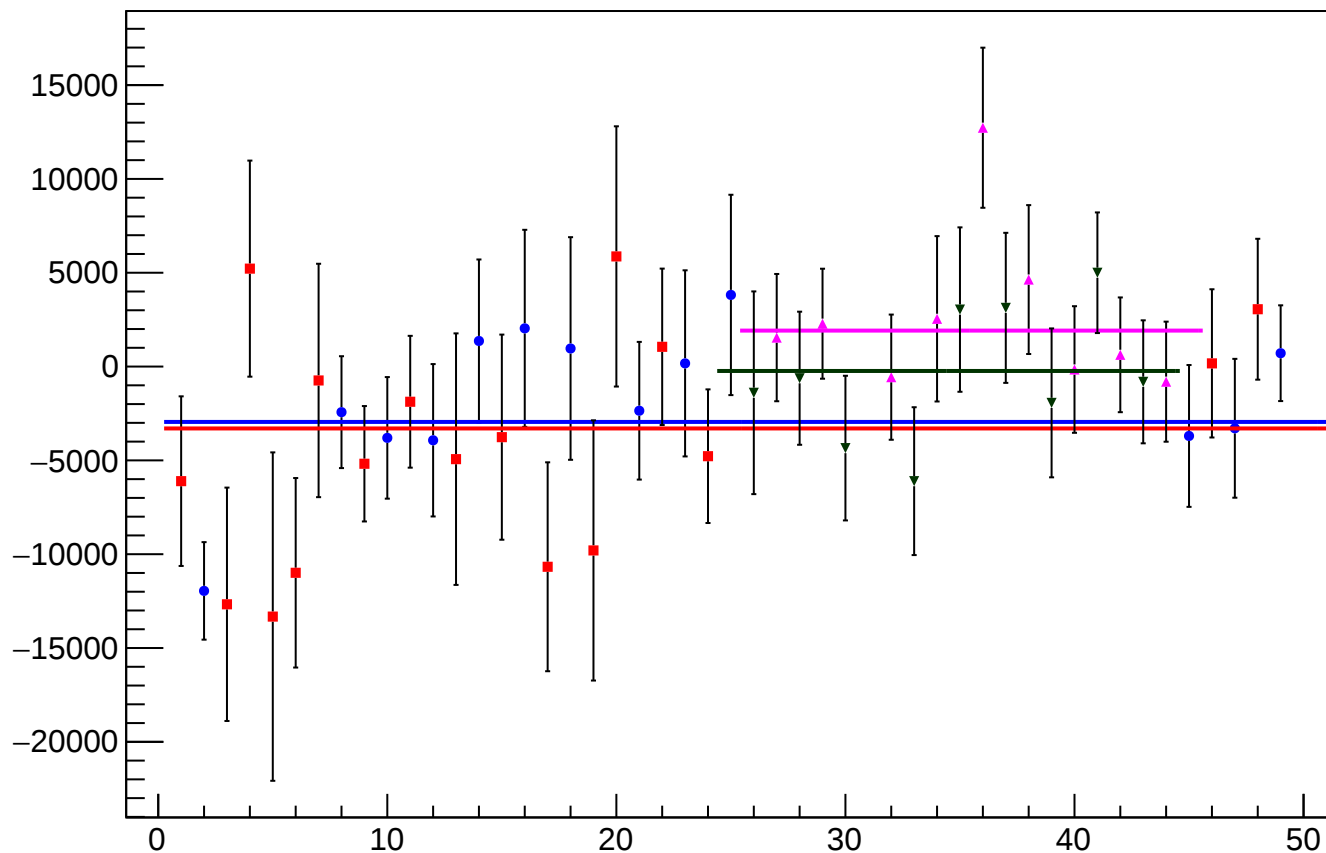
Left Out: 507.540 $\pm$ 0.163 χ^2 /NDF: 53222.5/8

Right Out: 593.133 $\pm$ 0.151 χ^2 /NDF: 609940.7/16

Left In: 524.413 $\pm$ 0.157 χ^2 /NDF: 94852.7/8

542.331 $\pm$ 0.075 χ^2 /NDF: 1524757.7/47

asym_sam6_correction_mean vs slug



Right In: -2950.897 ± 1009.699 $\chi^2/\text{NDF}: 18.6/12$

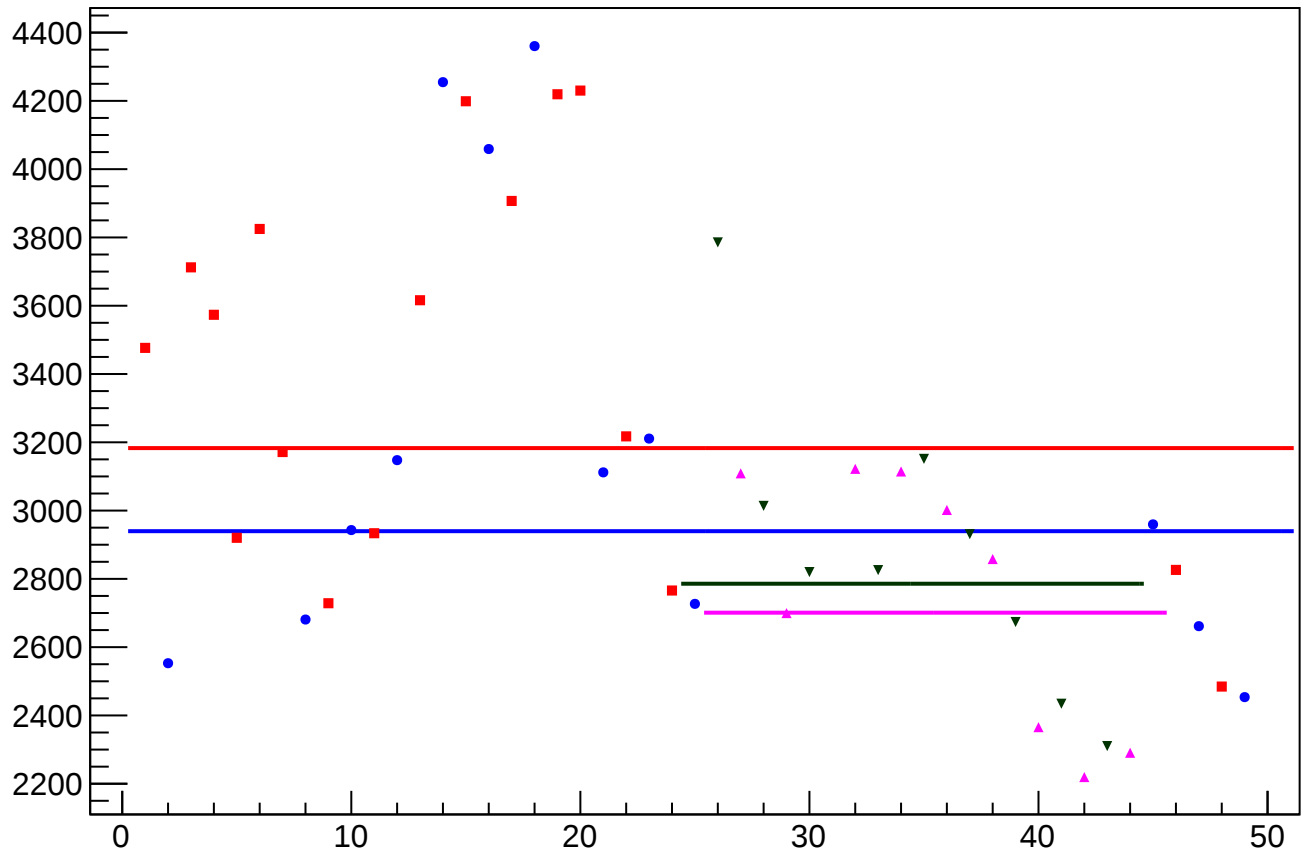
Left Out: -235.020 ± 1276.692 $\chi^2/\text{NDF}: 7.5/8$

Right Out: -3298.968 ± 1138.904 $\chi^2/\text{NDF}: 18.5/16$

Left In: 1916.764 ± 1150.358 $\chi^2/\text{NDF}: 8.8/8$

-1324.423 ± 566.046 $\chi^2/\text{NDF}: 67.7/47$

asym_sam6_correction_rms vs slug



Right In: 2939.688 $\pm$ 0.714 χ^2/NDF : 551061.0/12

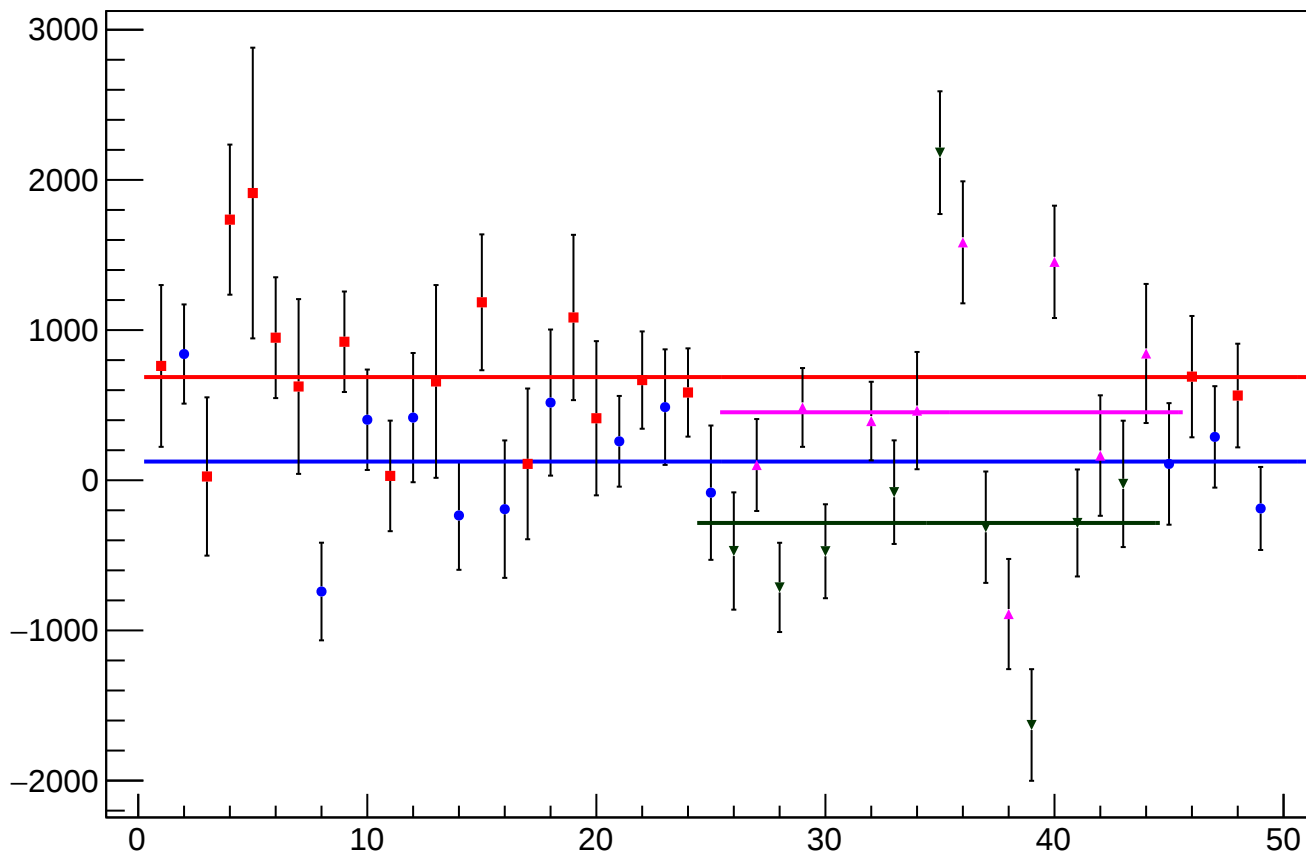
Left Out: 2785.776 $\pm$ 0.903 χ^2/NDF : 161309.1/8

2911.740 $\pm$ 0.400 χ^2/NDF : 1542412.9/47

Right Out: 3183.028 $\pm$ 0.805 χ^2/NDF : 434629.4/16

Left In: 2700.958 $\pm$ 0.813 χ^2/NDF : 193784.6/8

reg_asym_sam7_mean vs slug



Right In: 124.521+/-99.864 χ^2/NDF : 17.9/12

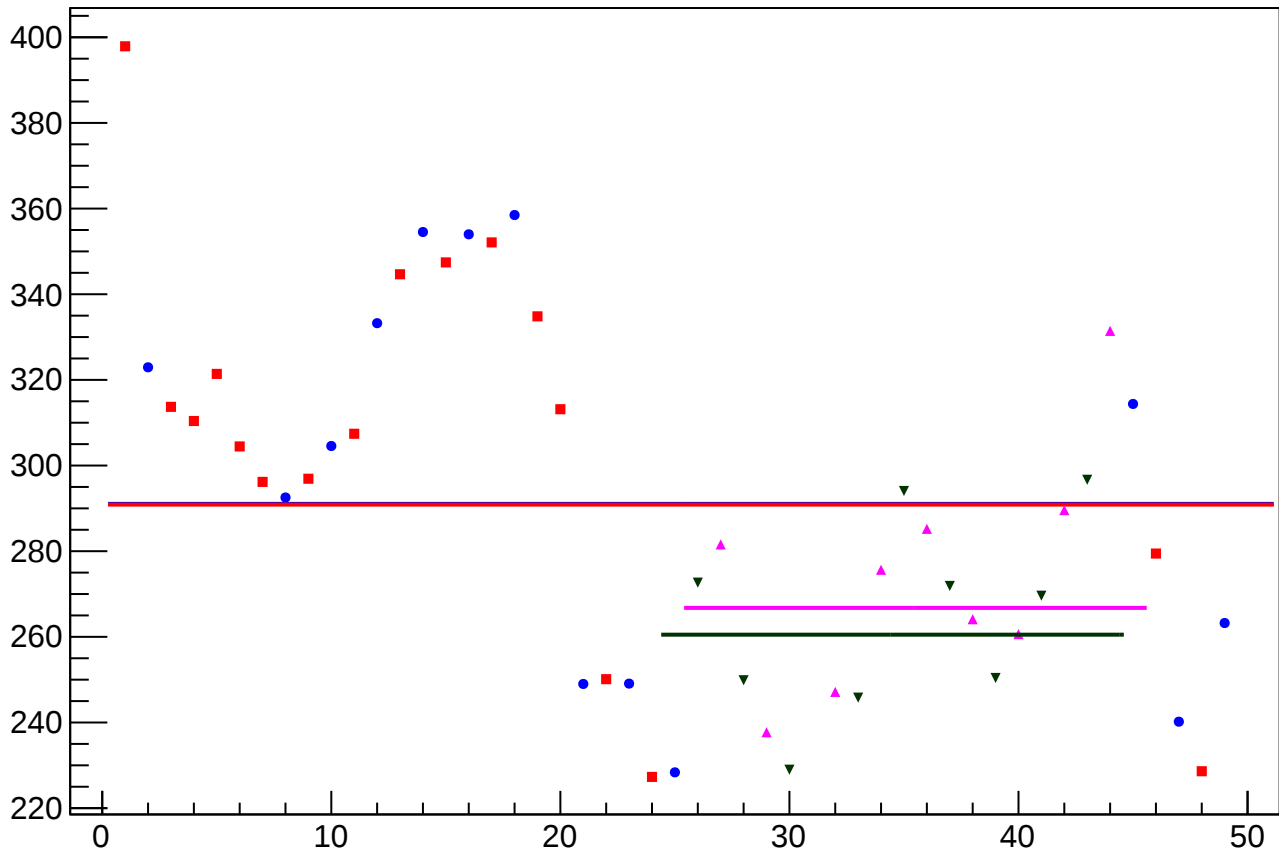
Left Out: -284.306+/-119.075 χ^2/NDF : 52.9/8

Right Out: 687.057+/-104.507 χ^2/NDF : 15.3/16

Left In: 452.715+/-113.322 χ^2/NDF : 31.0/8

266.275+/-54.214 χ^2/NDF : 159.4/47

reg_asym_sam7_rms vs slug



Right In: 291.049+/-0.071 χ^2/NDF : 353044.3/12

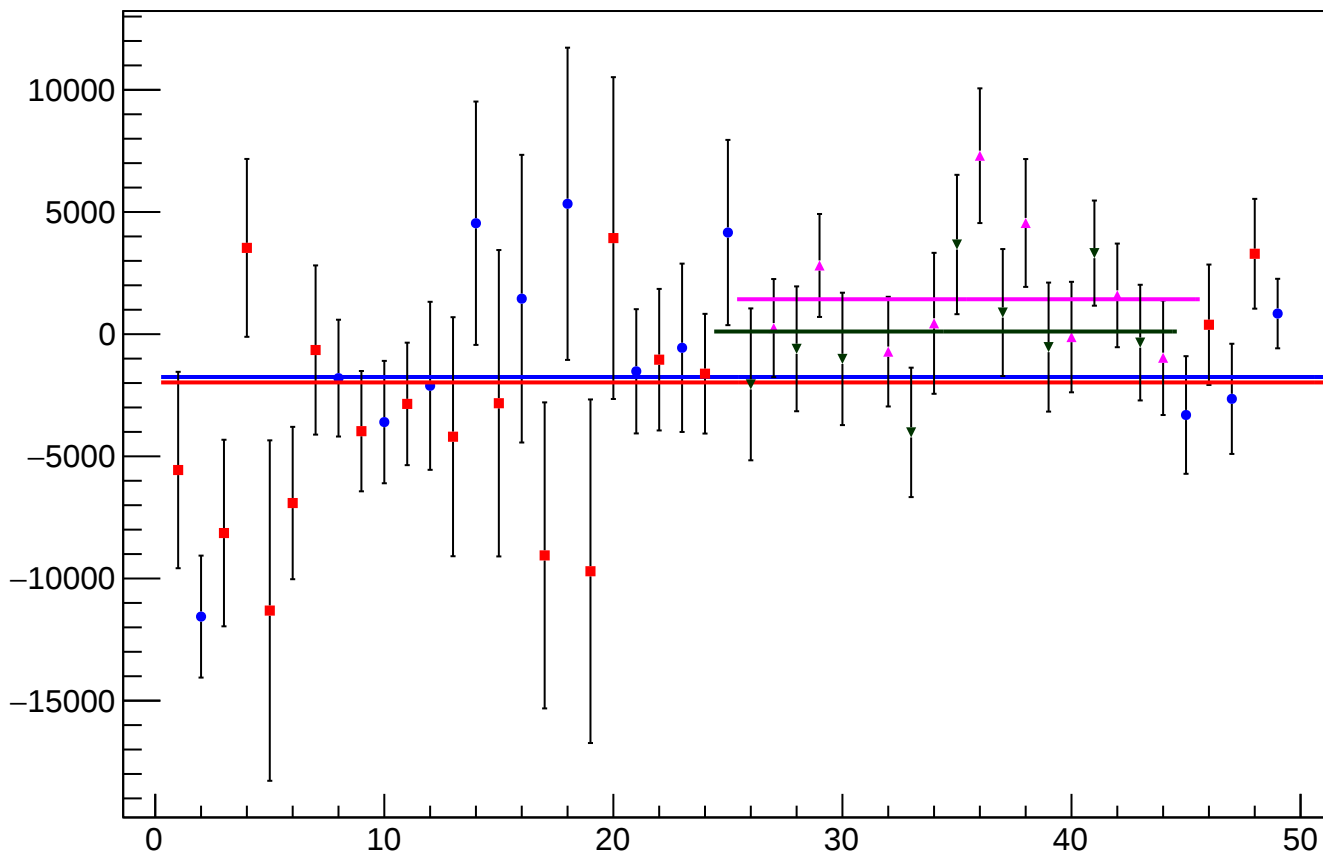
Left Out: 260.507+/-0.084 χ^2/NDF : 61380.6/8

279.113+/-0.038 χ^2/NDF : 1011015.0/47

Right Out: 290.878+/-0.074 χ^2/NDF : 378365.6/16

Left In: 266.764+/-0.080 χ^2/NDF : 91725.0/8

asym_sam7_correction_mean vs slug



Right In: -1752.876+/-736.193 χ^2/NDF : 25.6/12

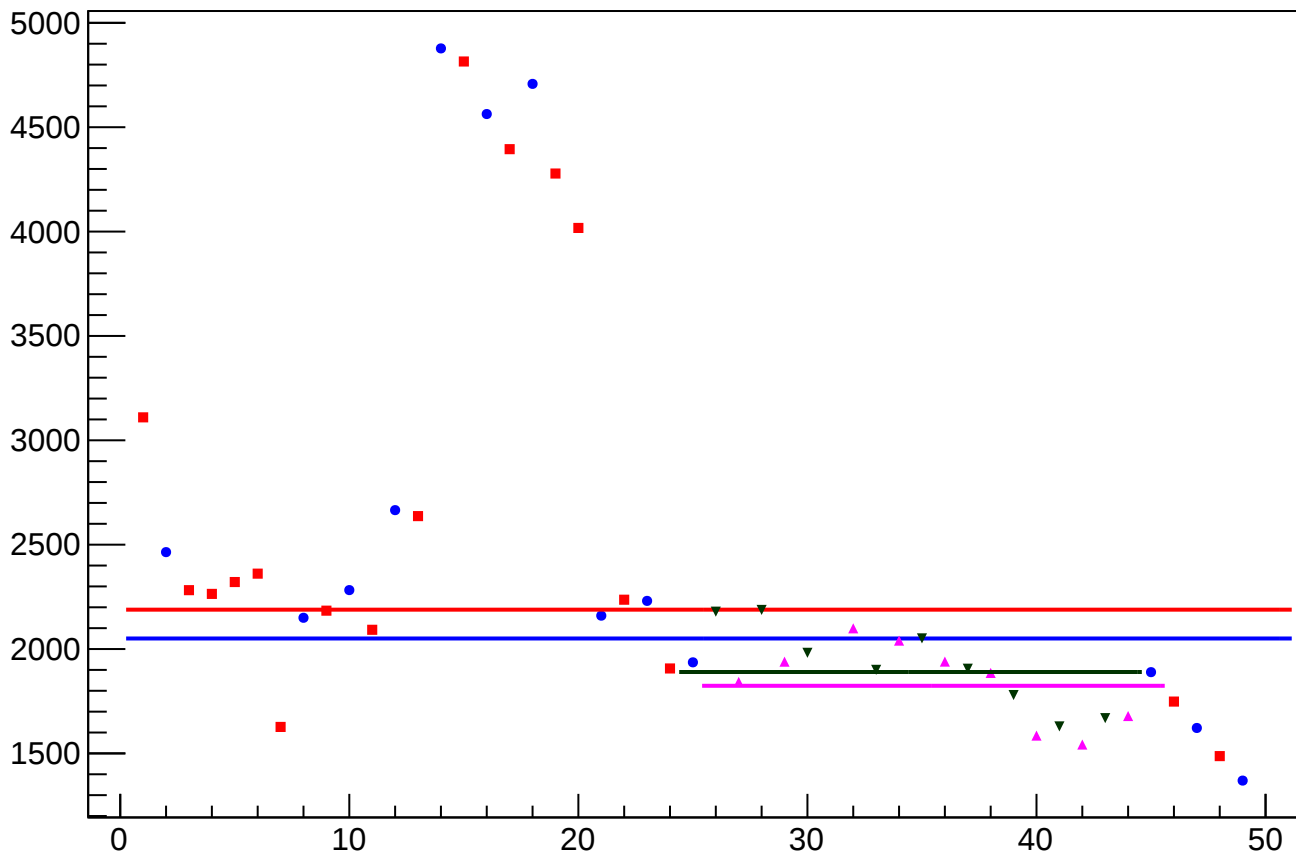
Left Out: 108.894+/-862.435 χ^2/NDF : 7.1/8

-580.877+/-395.879 χ^2/NDF : 75.8/47

Right Out: -1974.997+/-810.648 χ^2/NDF : 21.0/16

Left In: 1429.578+/-773.930 χ^2/NDF : 9.3/8

asym_sam7_correction_rms vs slug



Right In: 2050.526+/-0.521 χ^2/NDF : 2044407.8/12

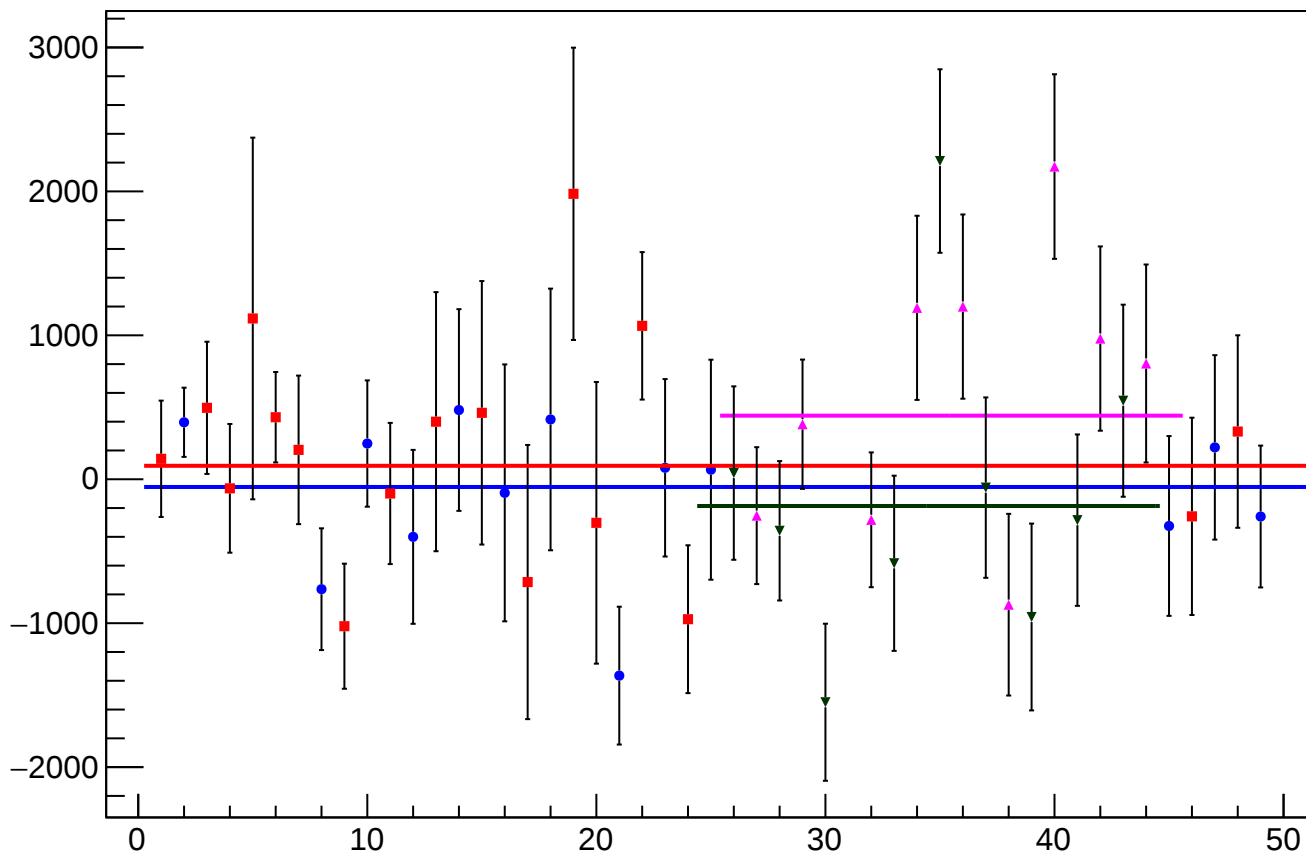
Left Out: 1889.978+/-0.610 χ^2/NDF : 103461.4/8

1990.341+/-0.280 χ^2/NDF : 3920010.1/47

Right Out: 2188.635+/-0.573 χ^2/NDF : 1402216.6/16

Left In: 1823.910+/-0.547 χ^2/NDF : 117312.7/8

reg_asym_sam8_mean vs slug



Right In: -53.614 ± 137.155 χ^2/NDF : 16.1/12

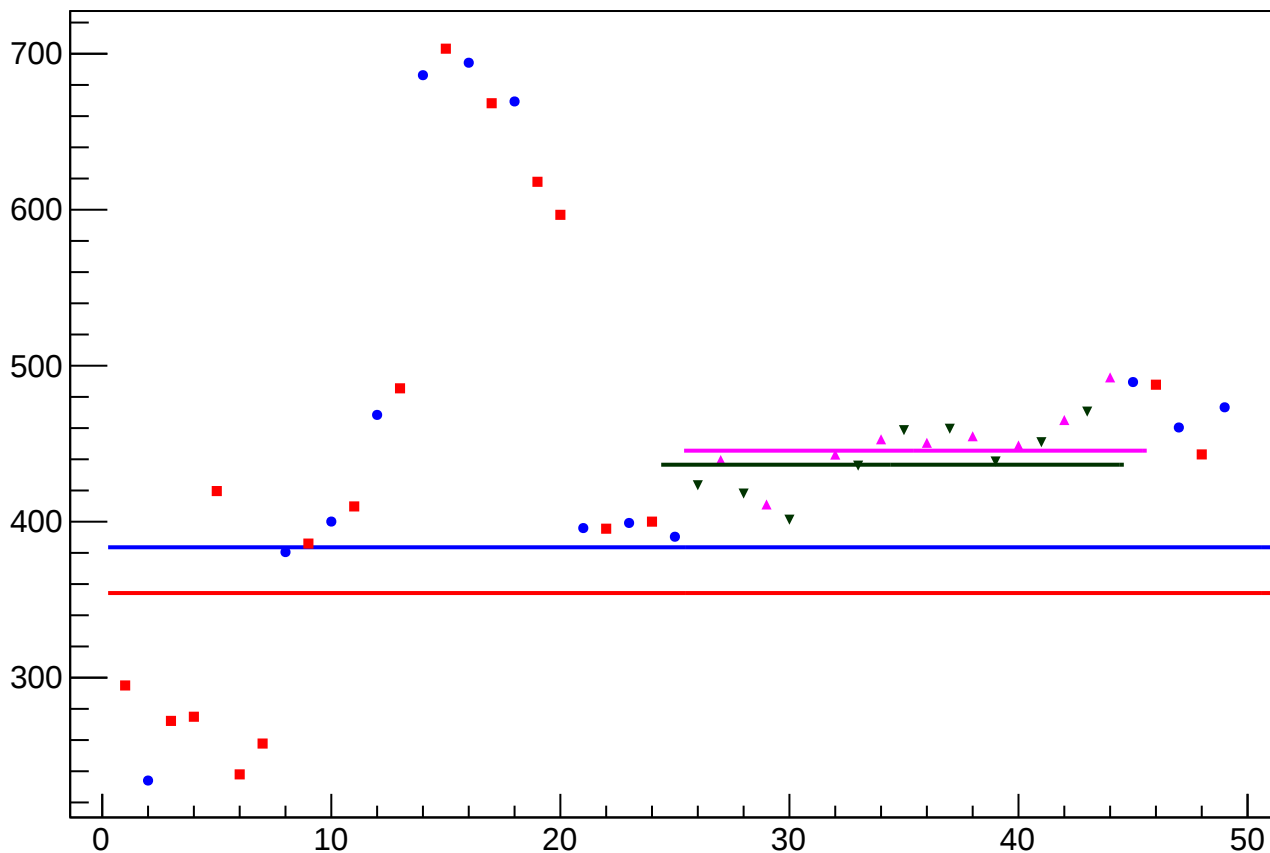
Left Out: -185.734 ± 197.924 χ^2/NDF : 23.8/8

Right Out: 93.475 ± 132.047 χ^2/NDF : 22.4/16

Left In: 441.886 ± 187.906 χ^2/NDF : 19.9/8

62.574 ± 78.002 χ^2/NDF : 88.6/47

reg_asym_sam8_rms vs slug



Right In: 383.591+/-0.097 χ^2/NDF : 1785094.5/12

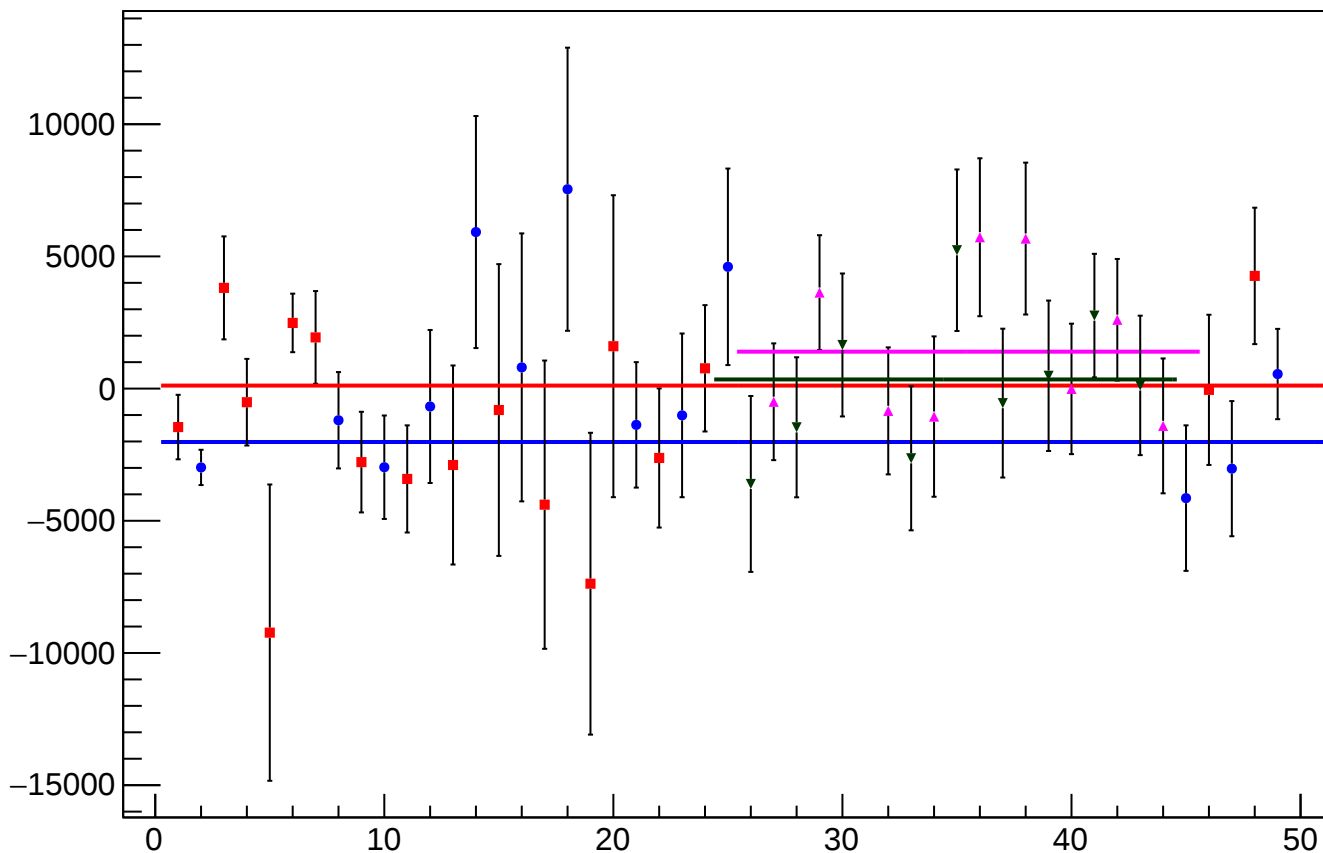
Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

Right Out: 354.250+/-0.093 χ^2/NDF : 1503570.1/16

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

392.248+/-0.055 χ^2/NDF : 3771150.6/47

asym_sam8_correction_mean vs slug



Right In: -2019.674 ± 497.780 $\chi^2/\text{NDF}: 15.9/12$

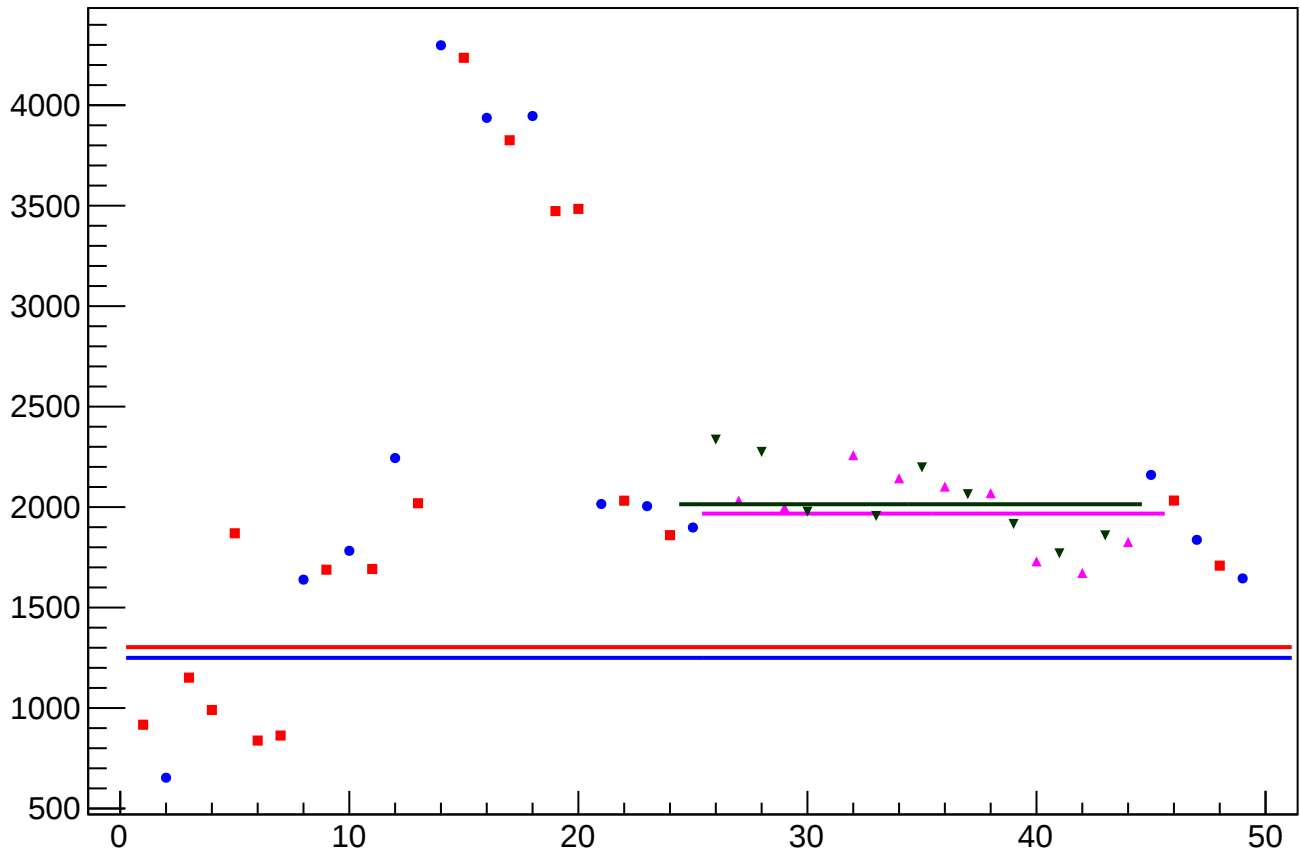
Left Out: 345.867 ± 917.400 $\chi^2/\text{NDF}: 7.0/8$

-506.610 ± 309.241 $\chi^2/\text{NDF}: 75.2/47$

Right Out: 113.875 ± 513.450 $\chi^2/\text{NDF}: 26.1/16$

Left In: 1396.281 ± 833.383 $\chi^2/\text{NDF}: 9.5/8$

asym_sam8_correction_rms vs slug



Right In: 1249.693+/-0.352 χ^2/NDF : 4927930.8/12

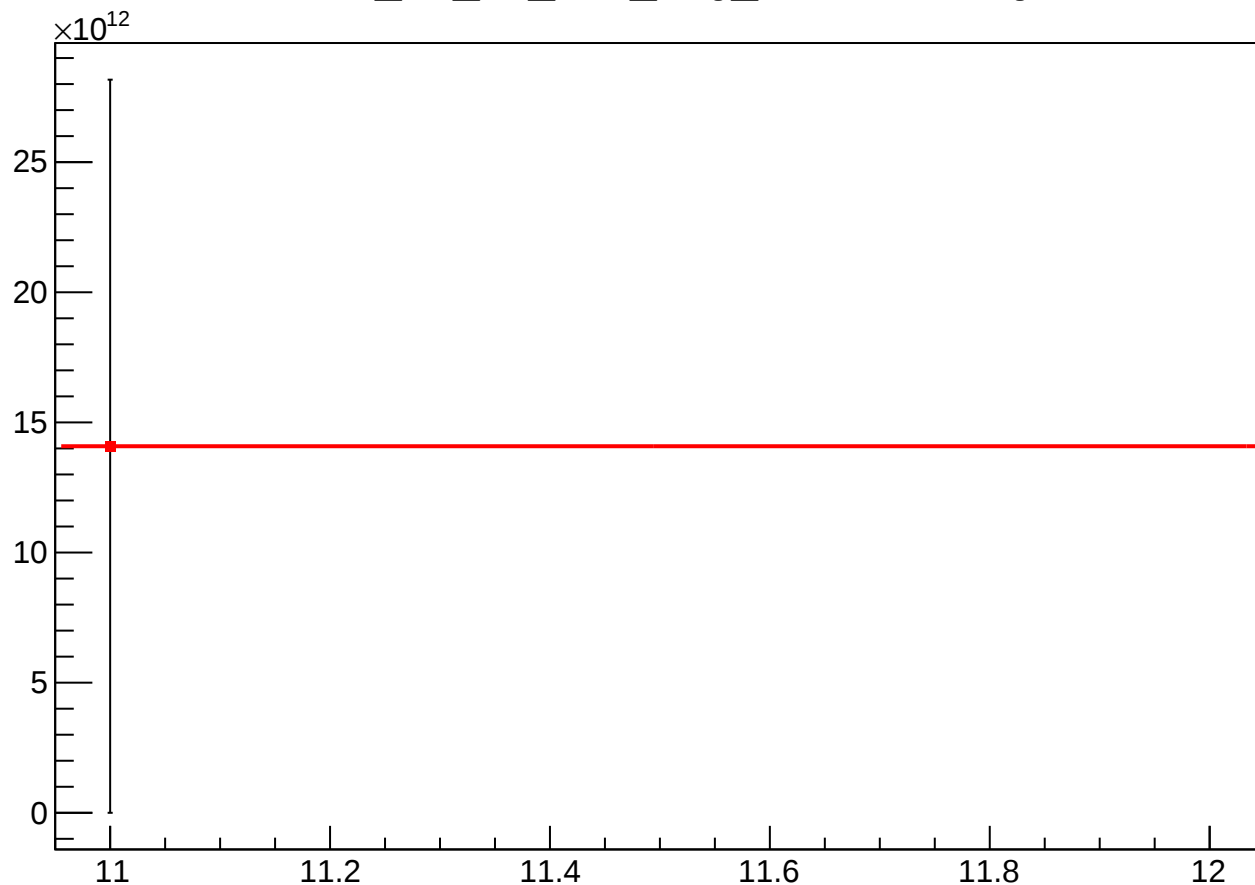
Left Out: 2014.180+/-0.649 χ^2/NDF : 78312.3/8

1454.782+/-0.219 χ^2/NDF : 10153549.9/47

Right Out: 1303.106+/-0.363 χ^2/NDF : 3029948.0/16

Left In: 1967.588+/-0.589 χ^2/NDF : 102441.7/8

bcm_an_us_ds3_avg_mean vs slug



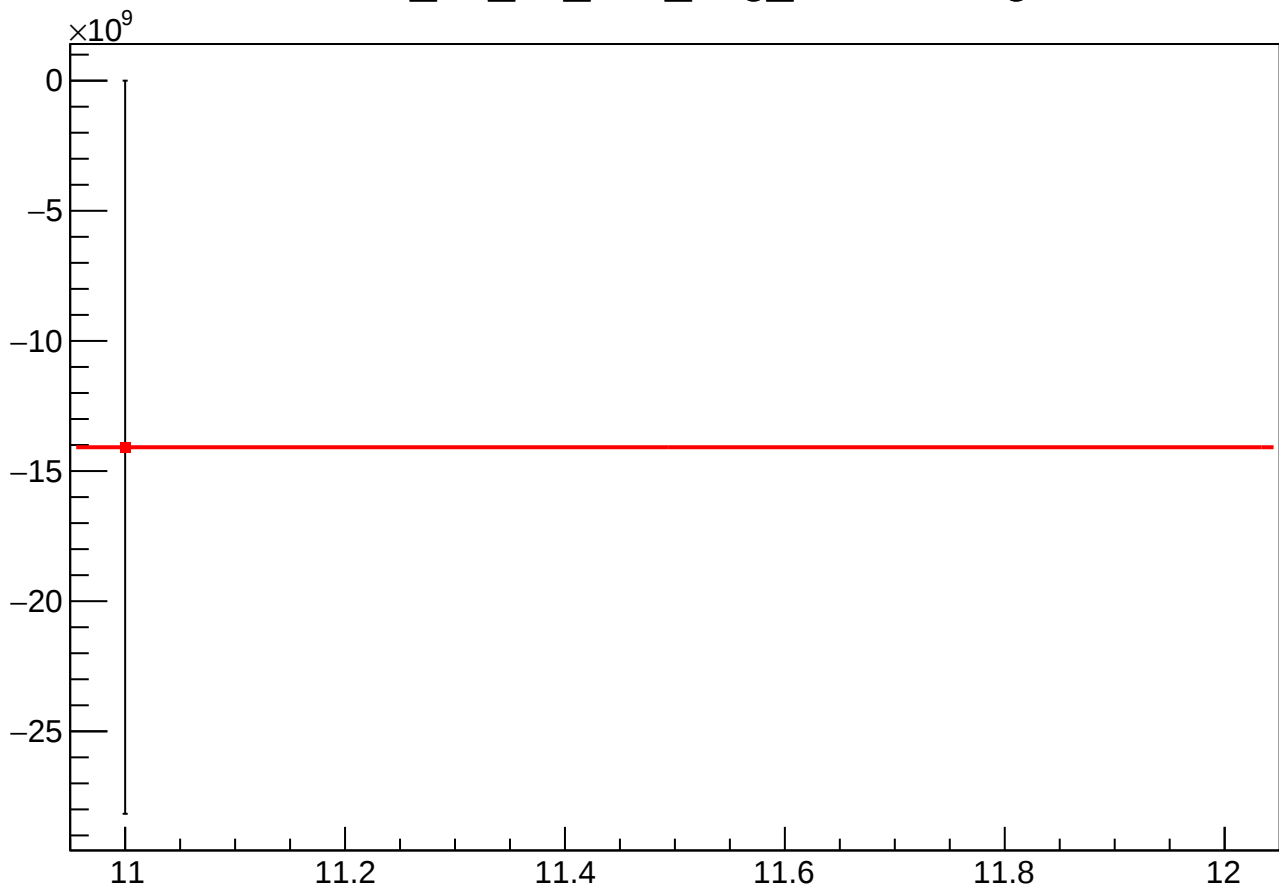
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_an_us_ds3_avg_rms vs slug



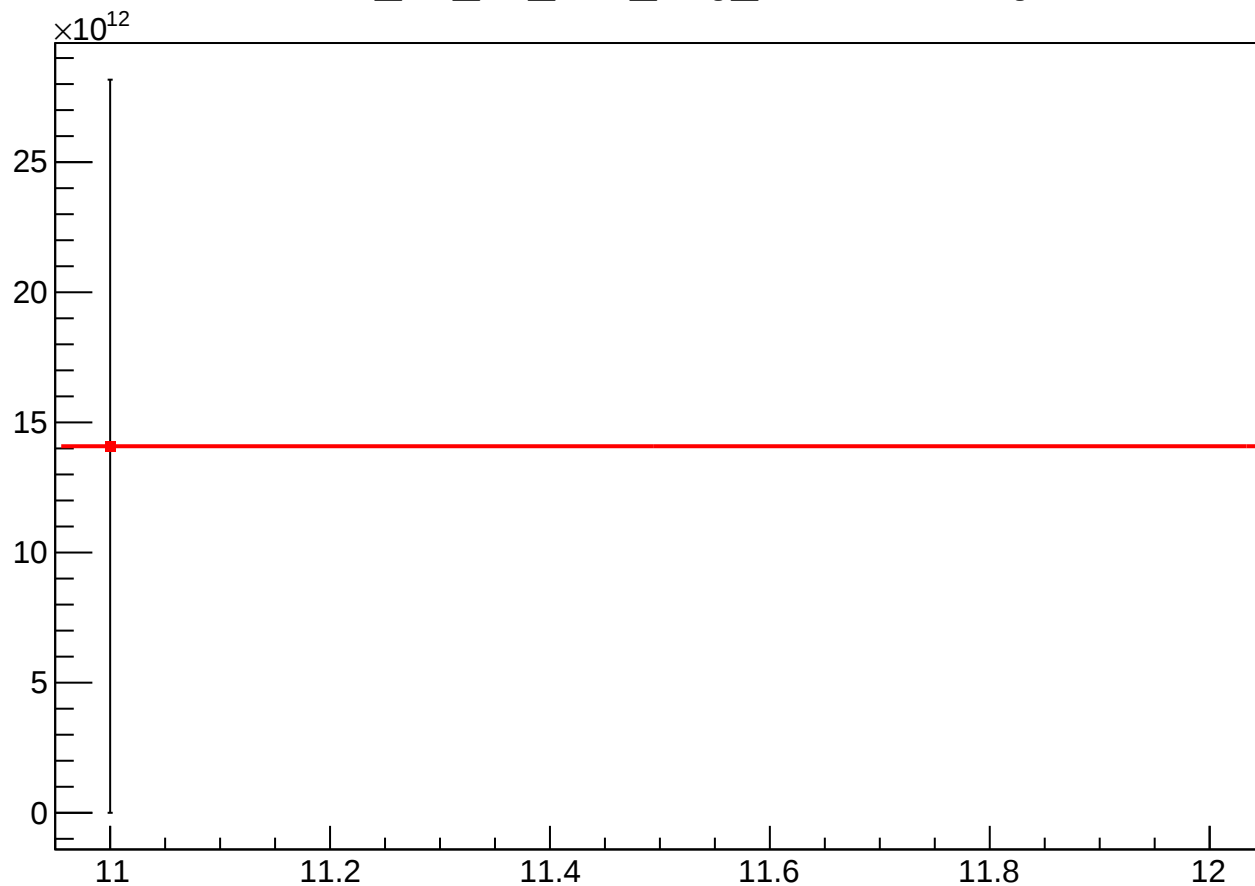
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



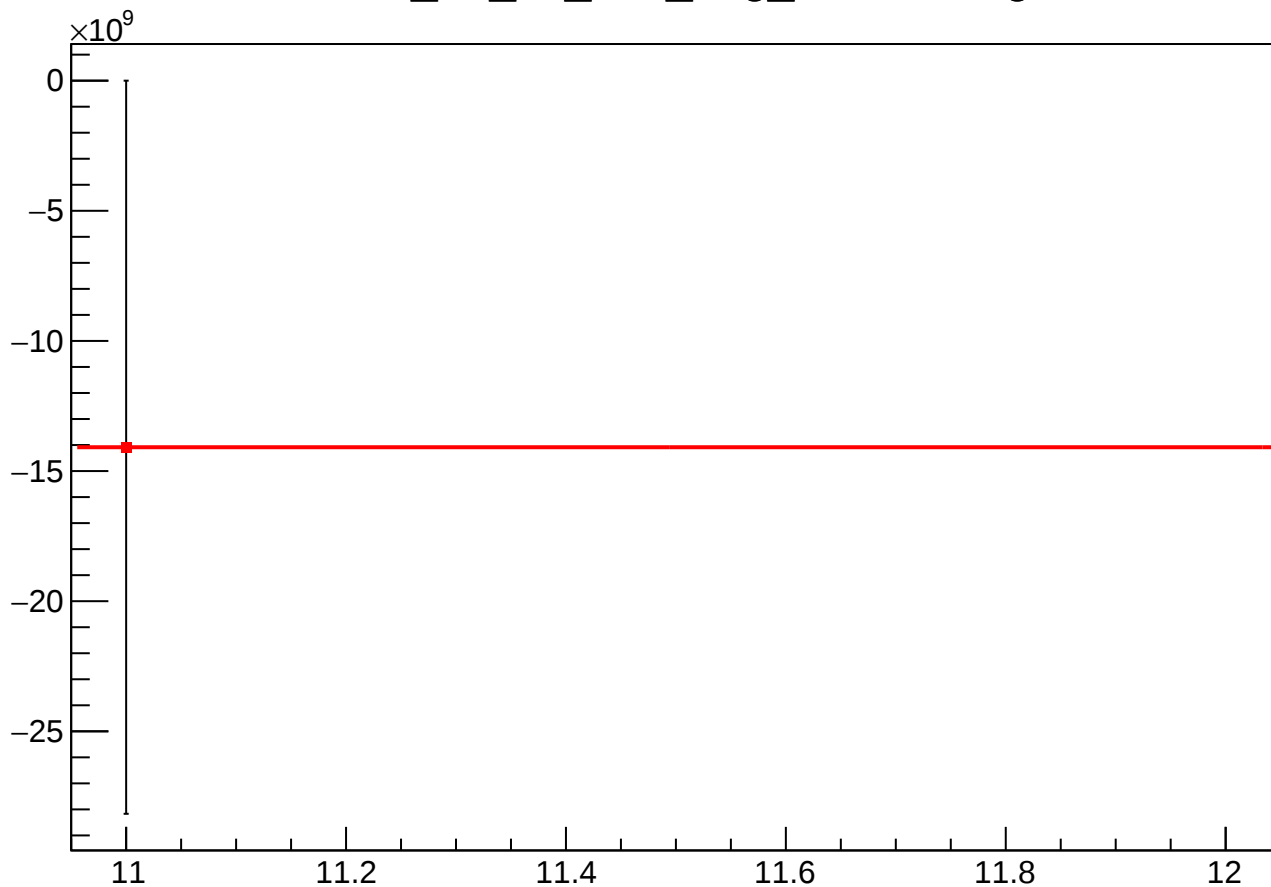
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



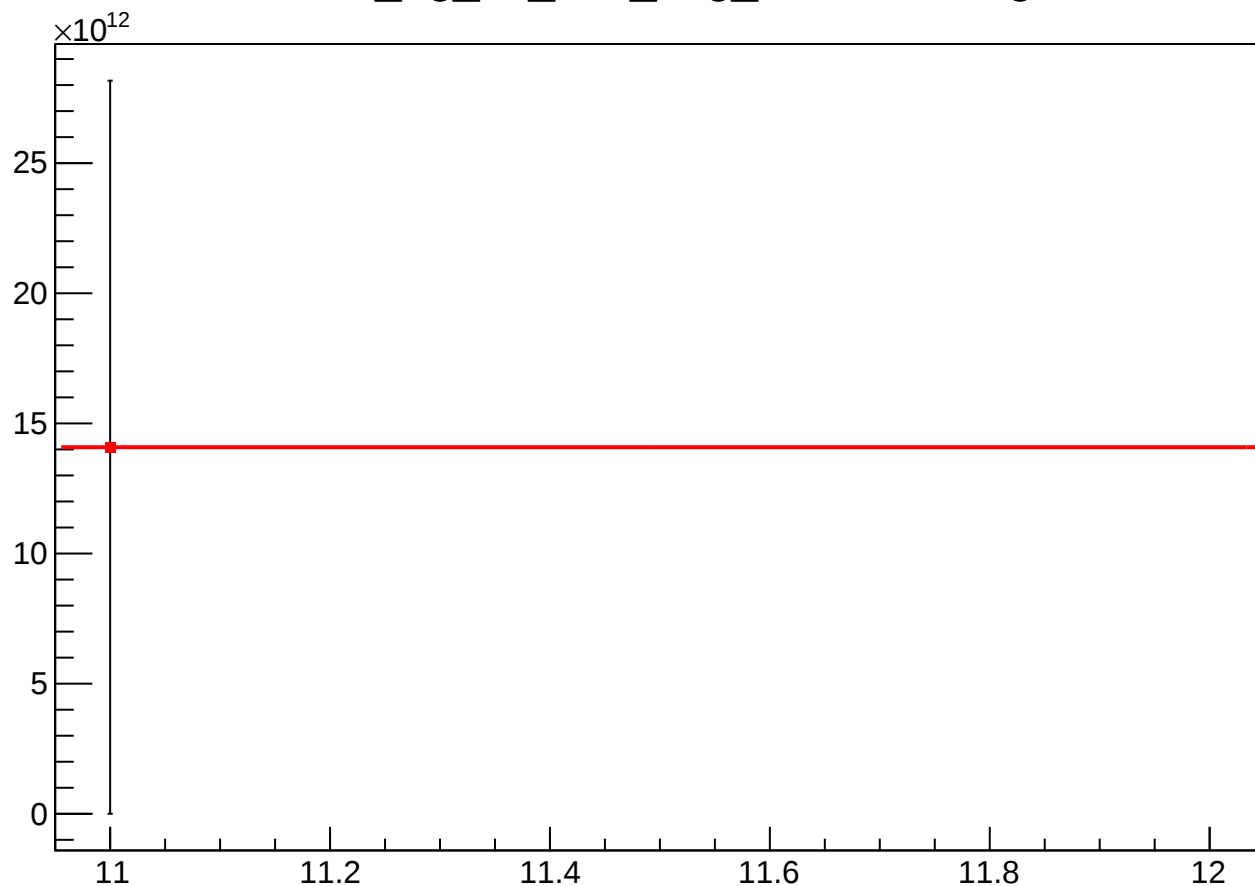
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



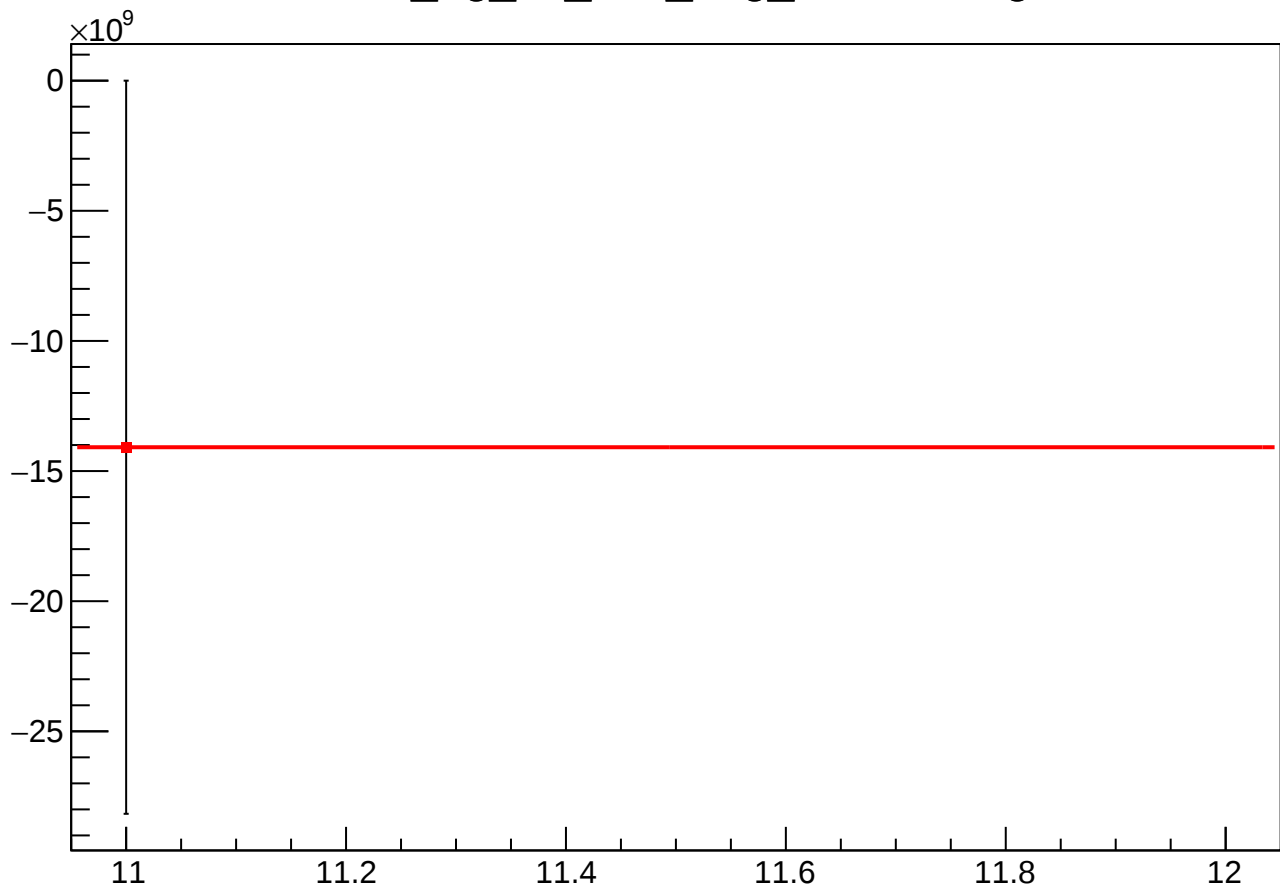
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_dg_us_ds3_avg_rms vs slug



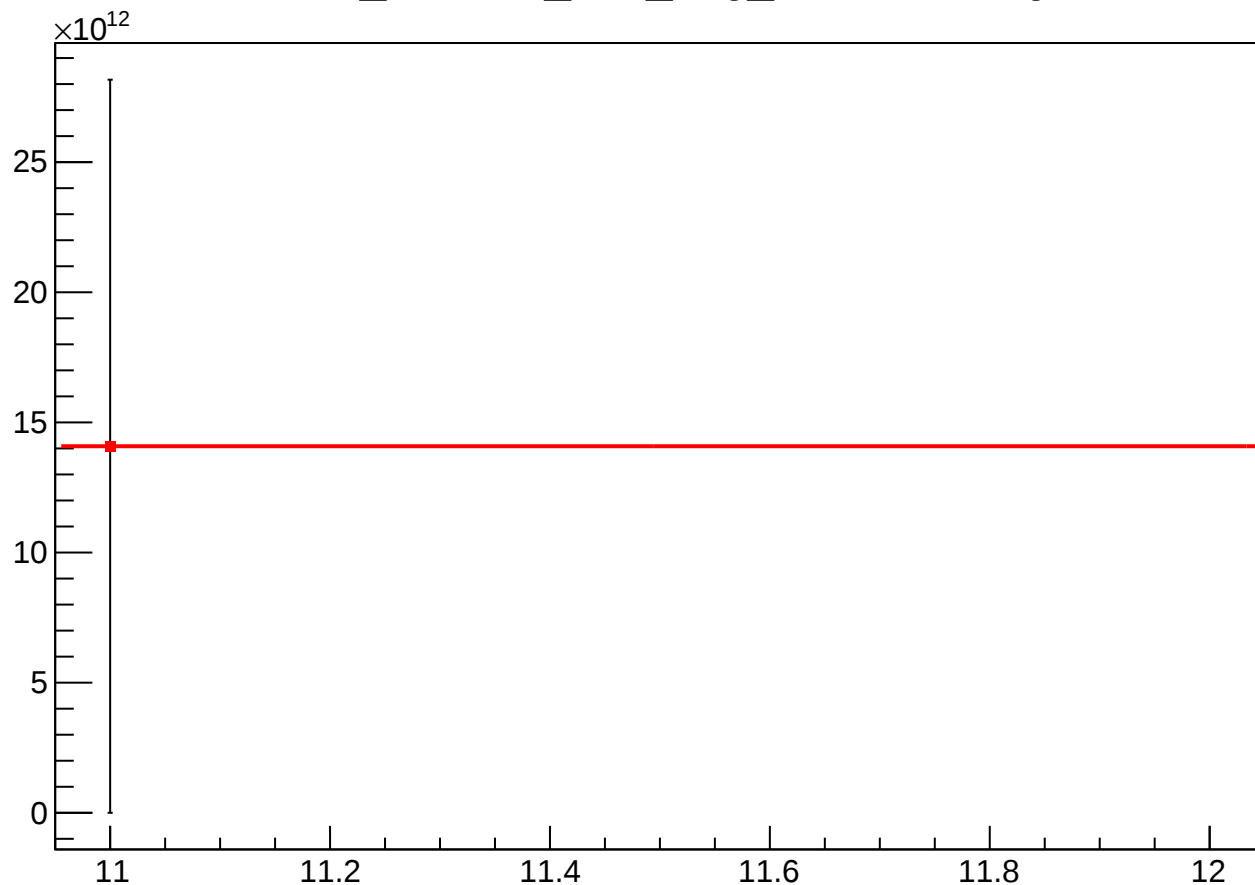
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_mean vs slug



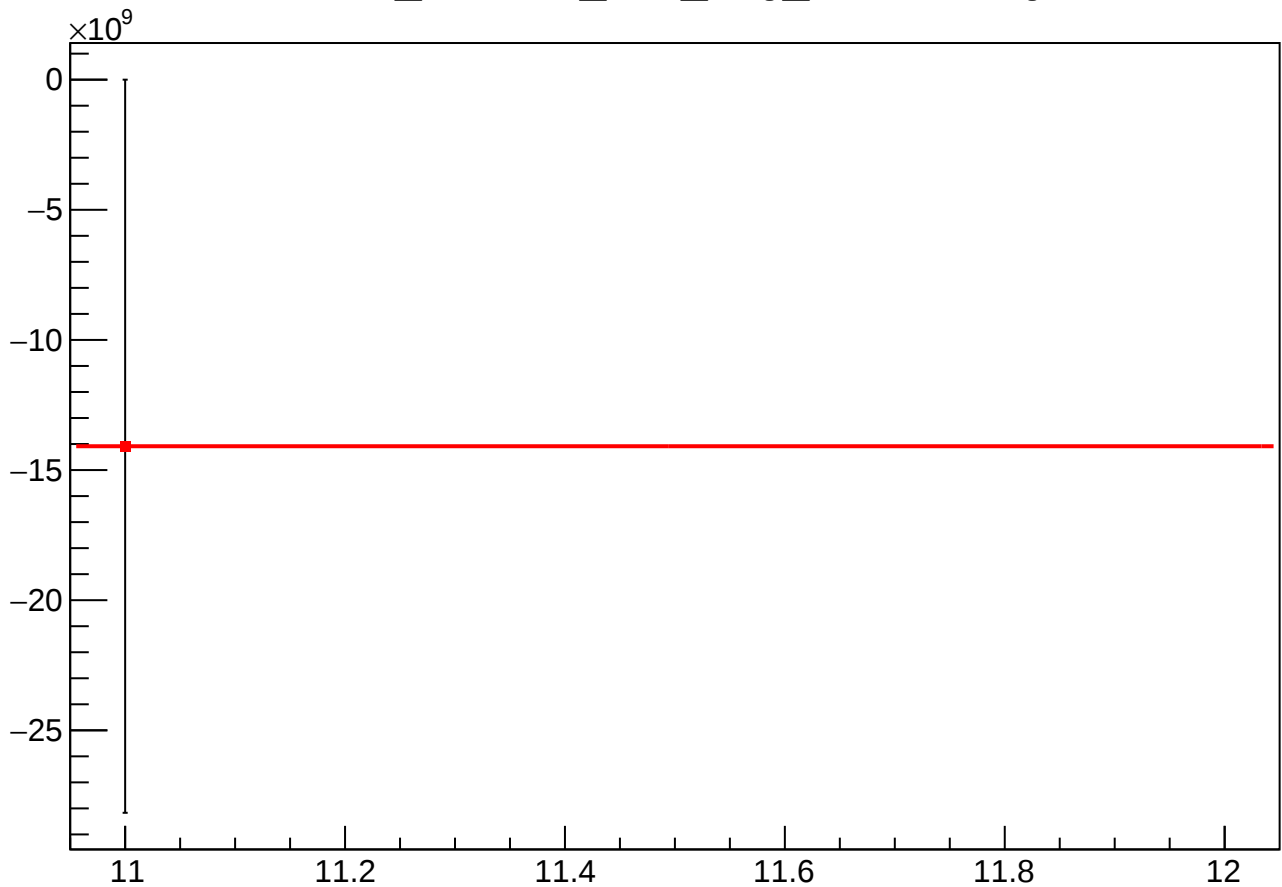
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_rms vs slug



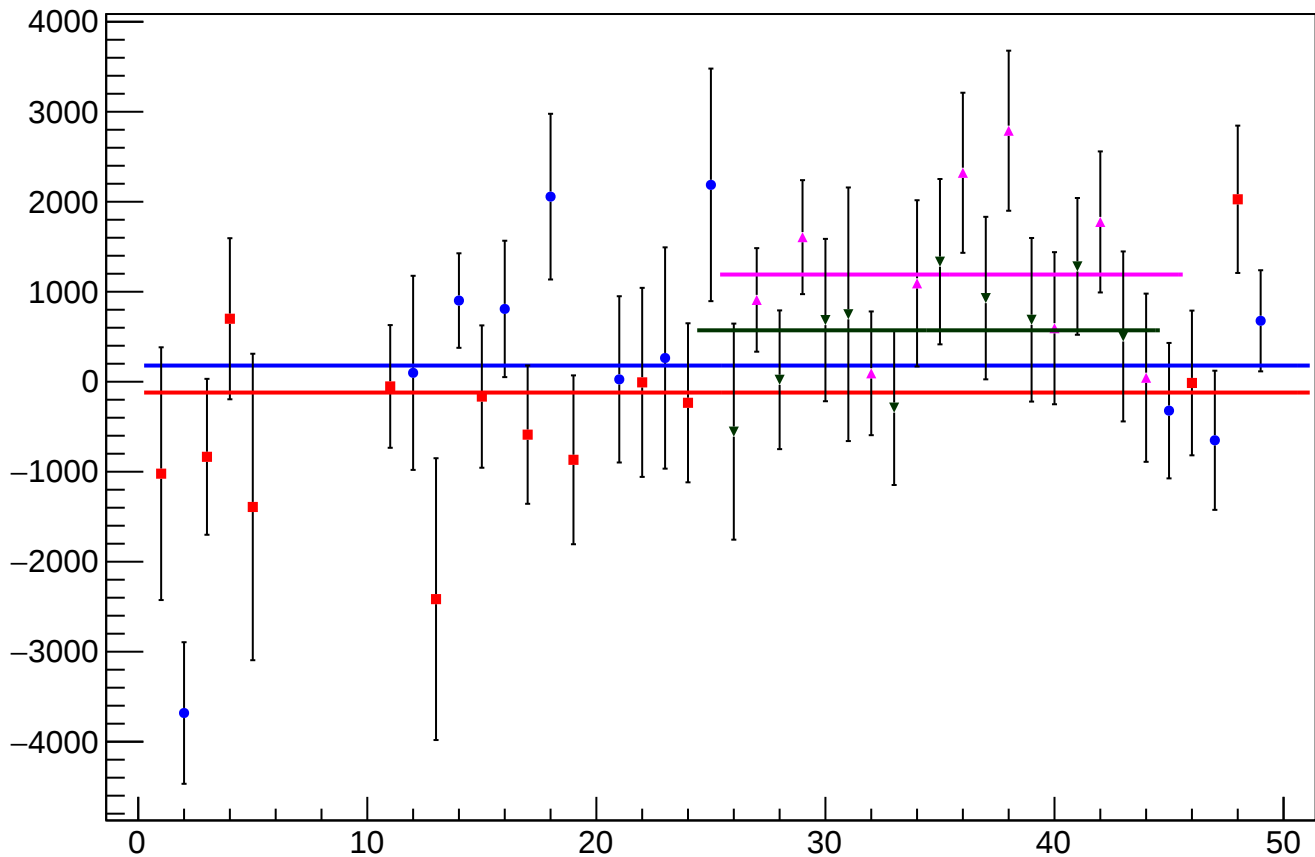
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

asym_left_avg_mean vs slug



Right In: 179.680 ± 235.301 χ^2/NDF : 35.7/10

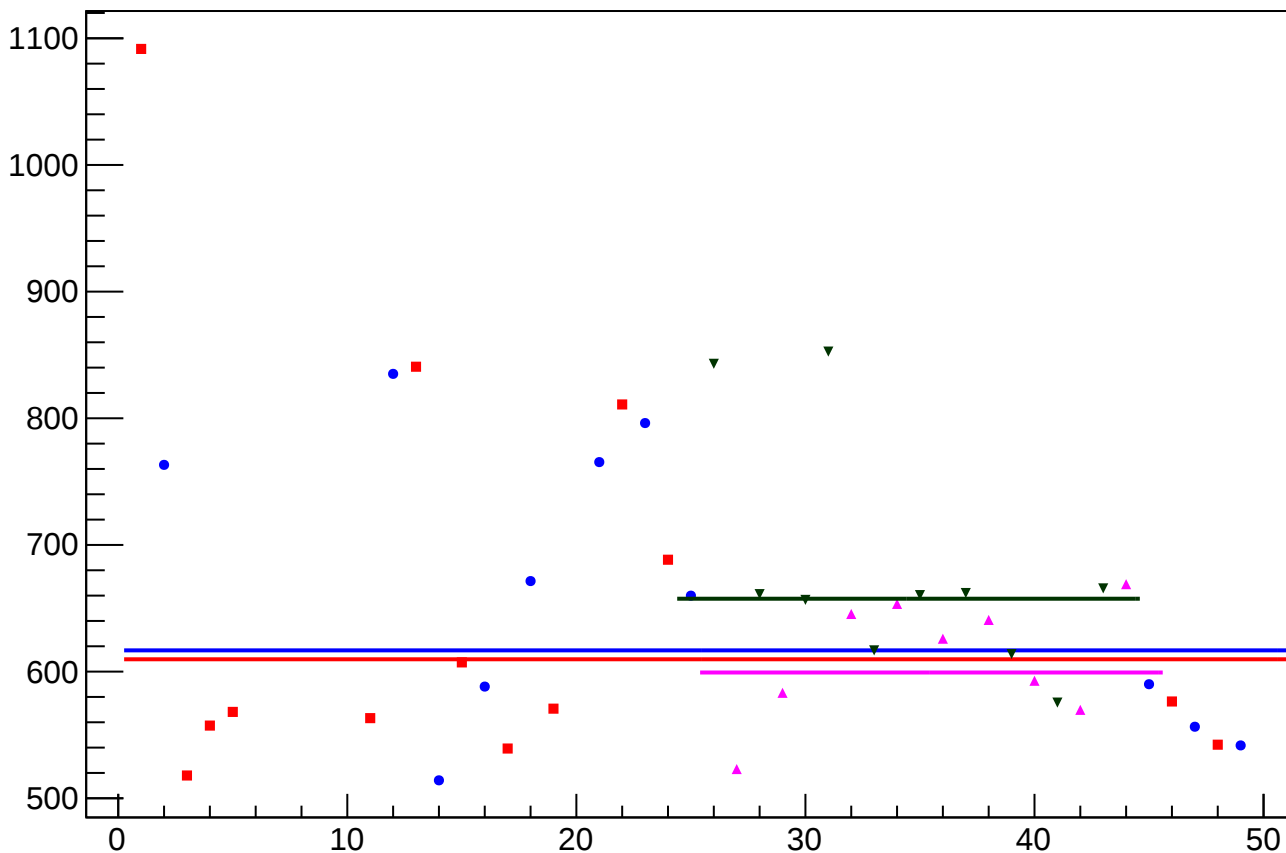
Left Out: 571.316 ± 289.447 χ^2/NDF : 4.2/9

435.794 ± 127.883 χ^2/NDF : 78.1/42

Right Out: -120.344 ± 252.809 χ^2/NDF : 12.6/12

Left In: 1191.089 ± 253.972 χ^2/NDF : 10.6/8

asym_left_avg_rms vs slug



Right In: 616.774 ± 0.166 $\chi^2/\text{NDF}: 384494.1/10$

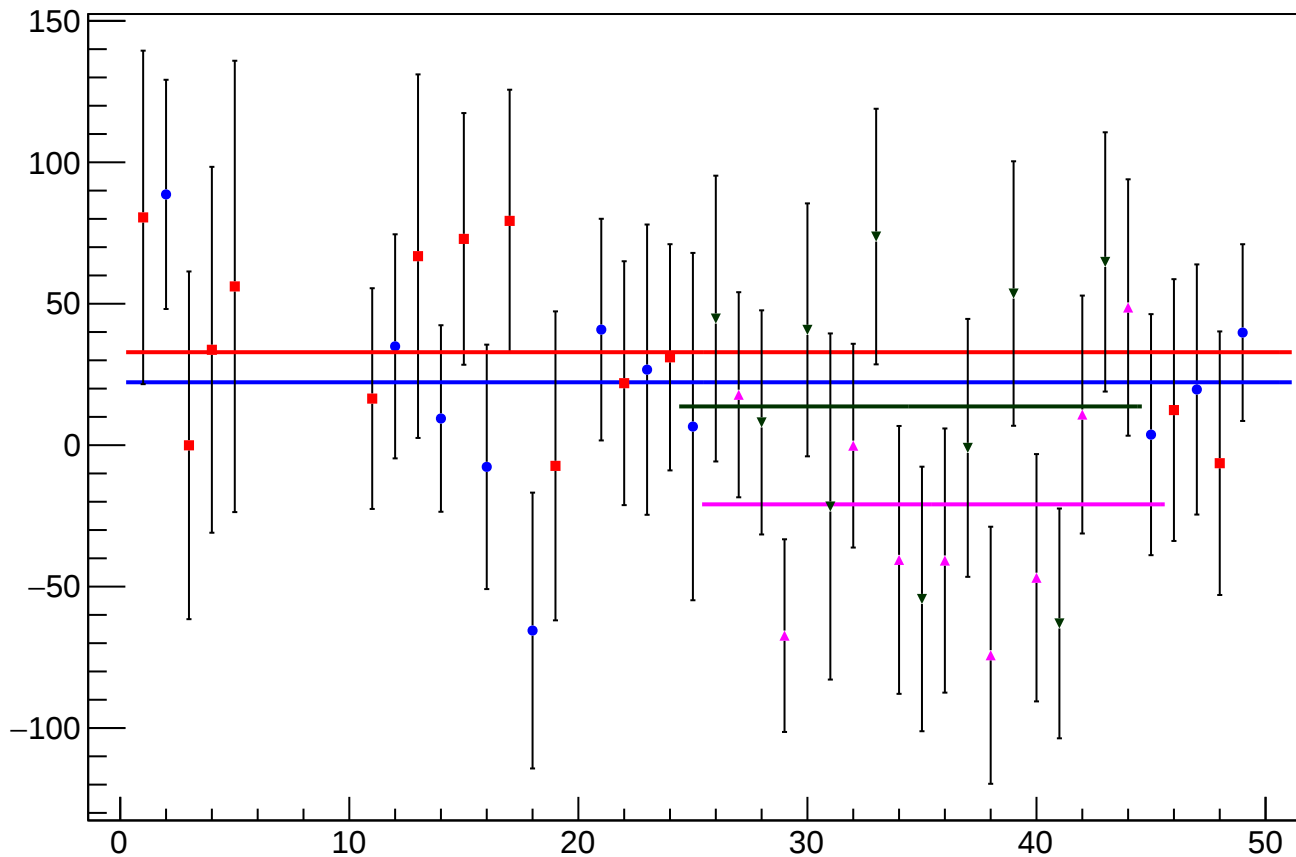
Left Out: 657.542 ± 0.205 $\chi^2/\text{NDF}: 118756.6/9$

Right Out: 609.728 ± 0.179 $\chi^2/\text{NDF}: 445258.7/12$

Left In: 599.294 ± 0.180 $\chi^2/\text{NDF}: 72539.4/8$

618.497 ± 0.090 $\chi^2/\text{NDF}: 1071390.2/42$

asym_left_dd_mean vs slug



Right In: 22.237 ± 12.398 χ^2/NDF : 7.5/10

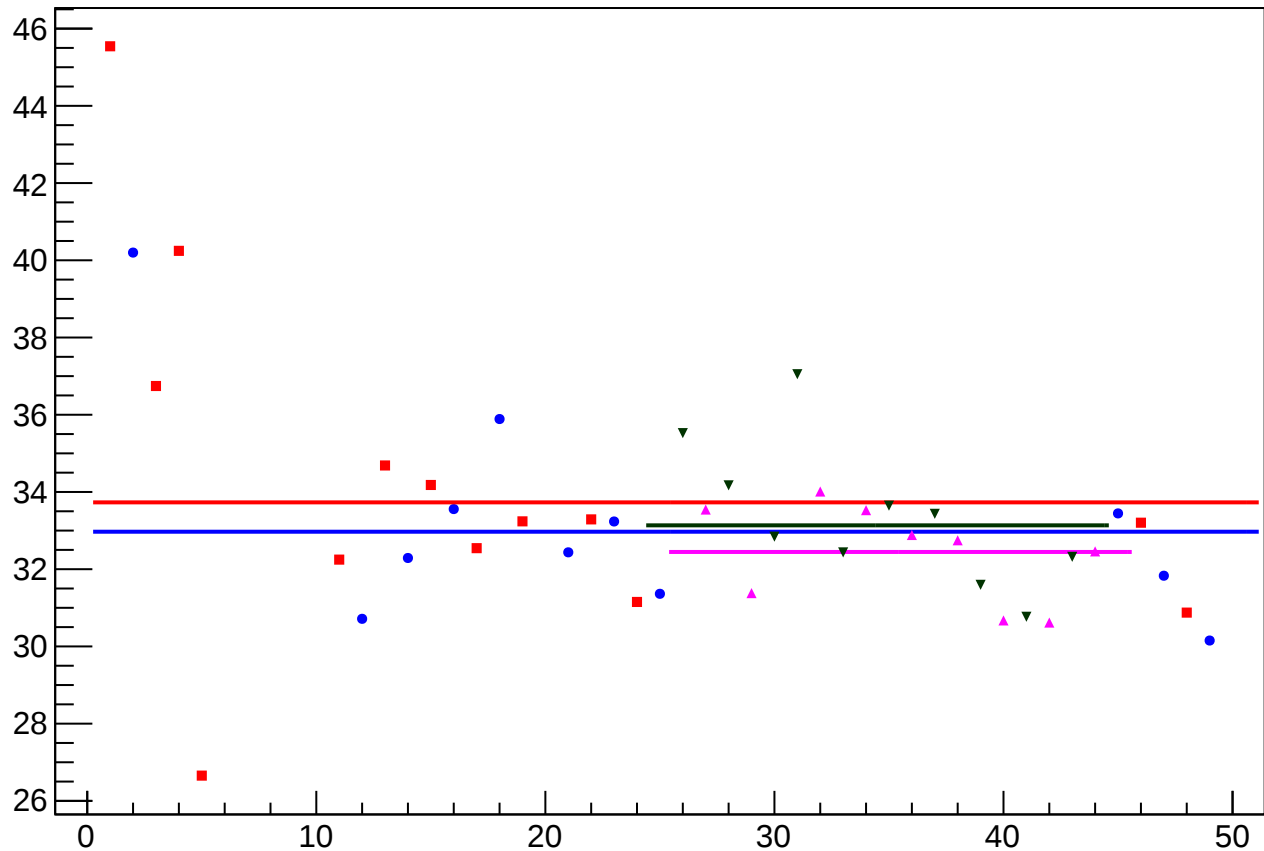
Left Out: 13.695 ± 14.488 χ^2/NDF : 10.6/9

Right Out: 32.869 ± 13.808 χ^2/NDF : 4.8/12

Left In: -20.919 ± 13.661 χ^2/NDF : 8.3/8

12.354 ± 6.762 χ^2/NDF : 40.0/42

asym_left_dd_rms vs slug



Right In: 32.971+/-0.009 χ^2/NDF : 98183.0/10

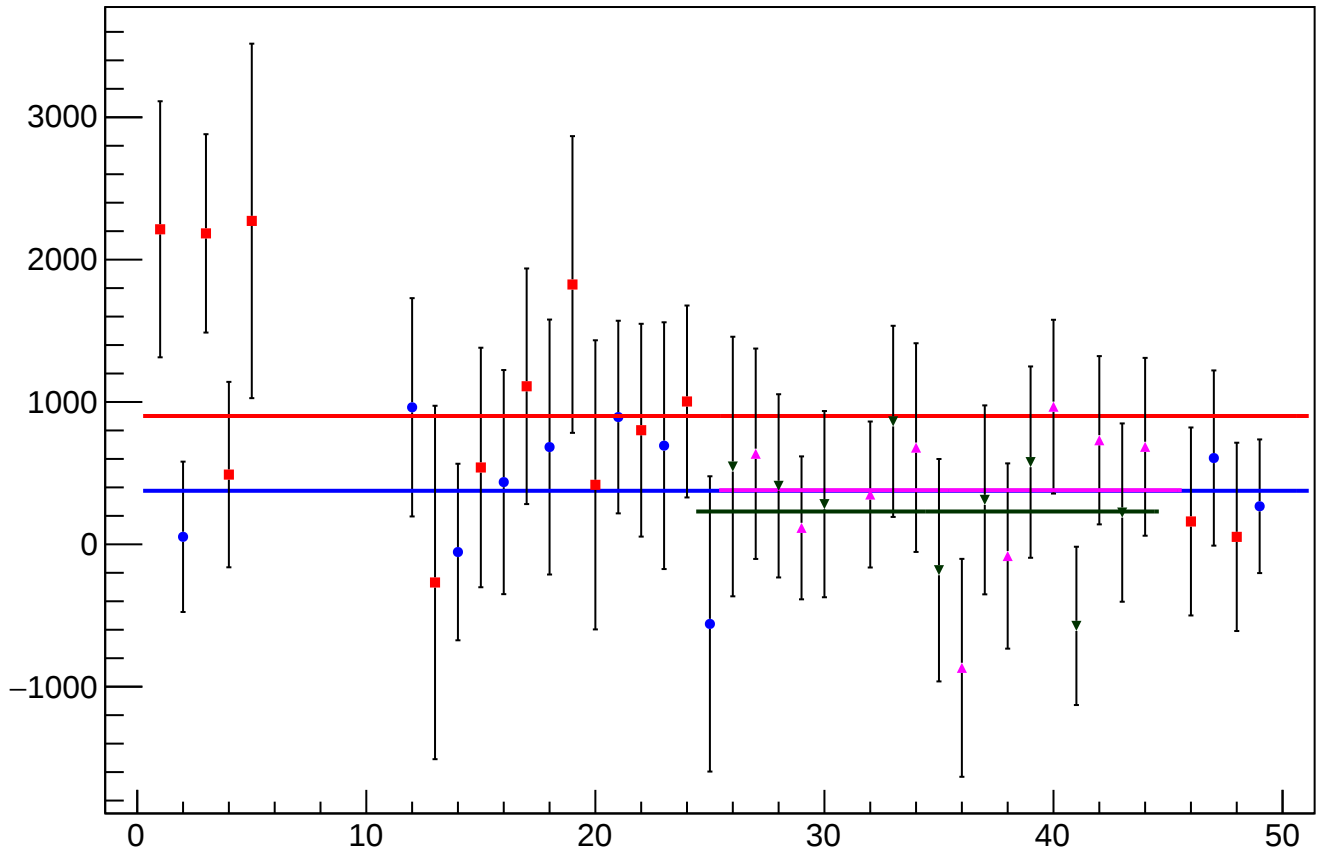
Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

33.060+/-0.005 χ^2/NDF : 289997.1/42

Right Out: 33.731+/-0.010 χ^2/NDF : 142438.8/12

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

asym_right_avg_mean vs slug



Right In: 376.177 $\pm$ 211.433 χ^2/NDF : 3.3/9

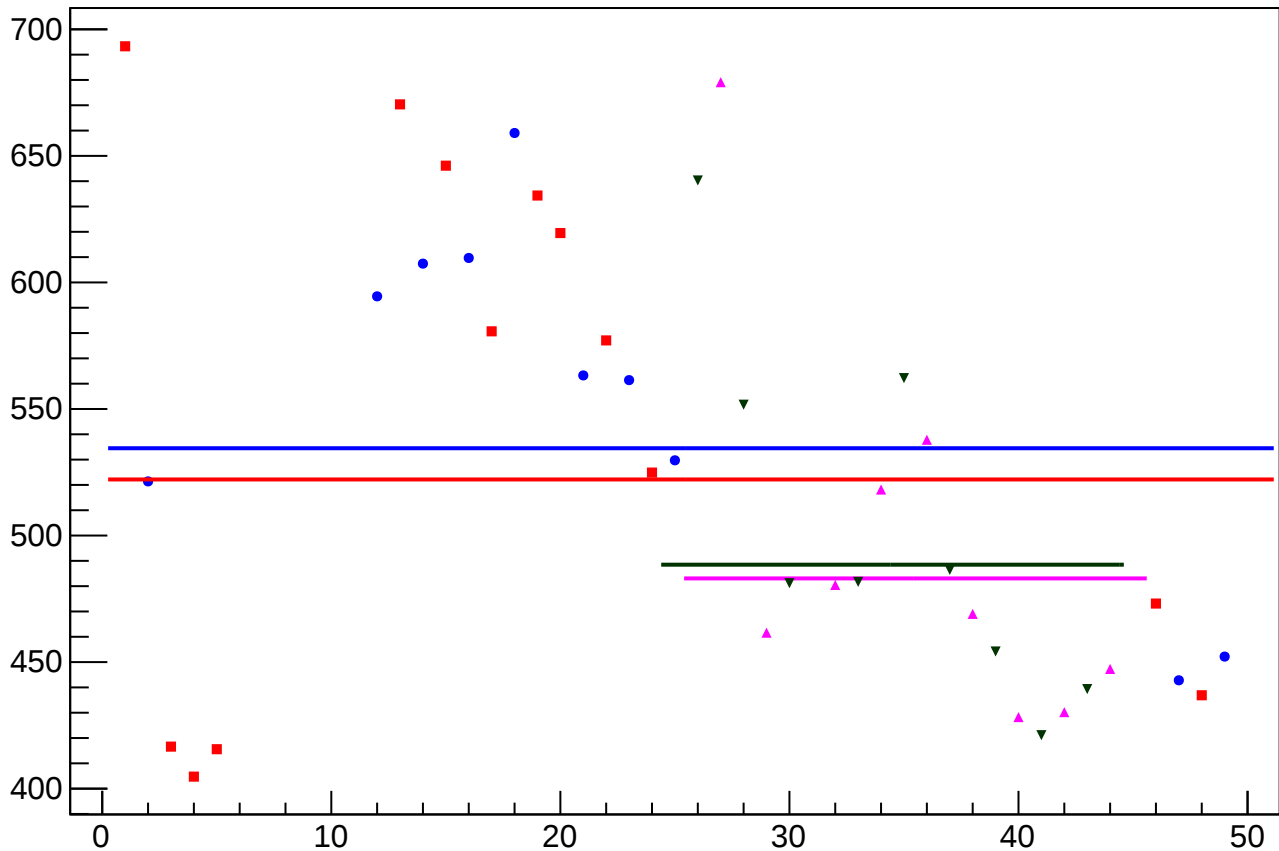
Left Out: 230.682 $\pm$ 223.170 χ^2/NDF : 3.7/8

466.857 $\pm$ 107.604 χ^2/NDF : 29.8/40

Right Out: 901.565 $\pm$ 222.062 χ^2/NDF : 12.2/12

Left In: 380.345 $\pm$ 205.678 χ^2/NDF : 5.2/8

asym_right_avg_rms vs slug



Right In: 534.496+/-0.150 χ^2/NDF : 209525.7/9

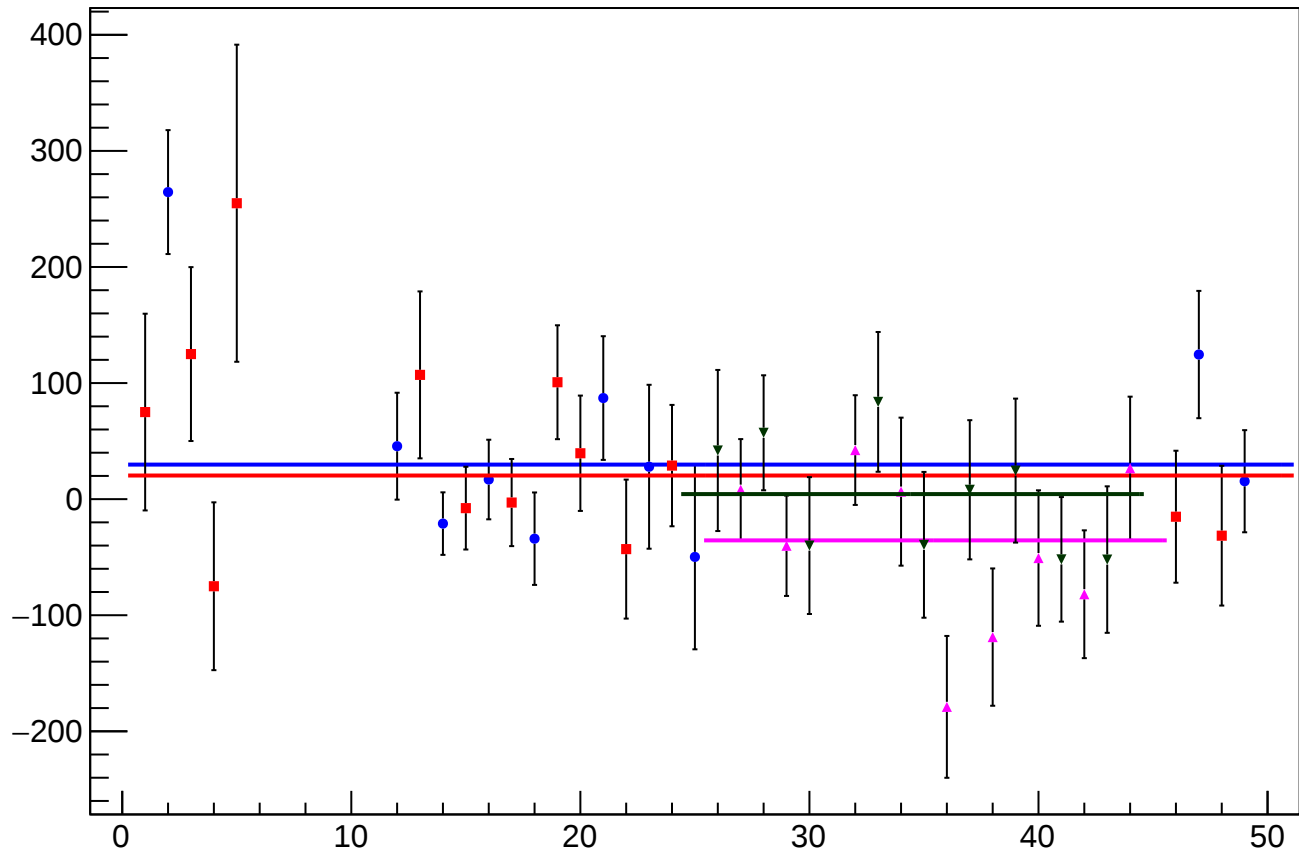
Left Out: 488.486+/-0.158 χ^2/NDF :139883.7/8

Right Out: 522.159+/-0.157 χ^2/NDF : 376526.2/12

Left In: 483.060+/-0.145 χ^2/NDF :198862.0/8

506.824+/-0.076 χ^2/NDF : 1008795.5/40

asym_right_dd_mean vs slug



Right In: 29.759 $\pm$ 13.811 χ^2/NDF : 31.0/9

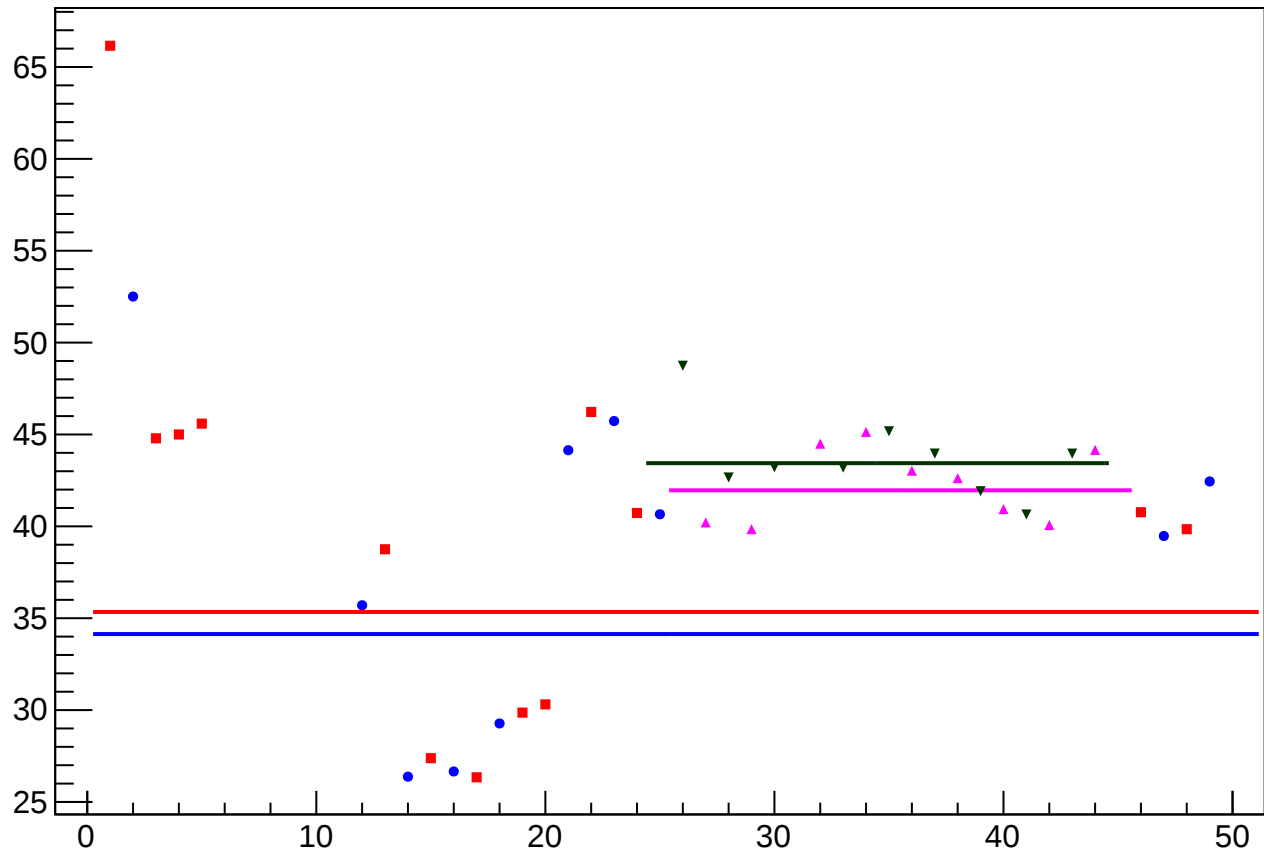
Left Out: 4.356 $\pm$ 19.730 χ^2/NDF : 6.2/8

9.229 $\pm$ 8.082 χ^2/NDF : 74.5/40

Right Out: 20.353 $\pm$ 15.243 χ^2/NDF : 14.6/12

Left In: -35.527 $\pm$ 17.692 χ^2/NDF : 13.4/8

asym_right_dd_rms vs slug



Right In: 34.138+/-0.010 χ^2/NDF : 758423.8/9

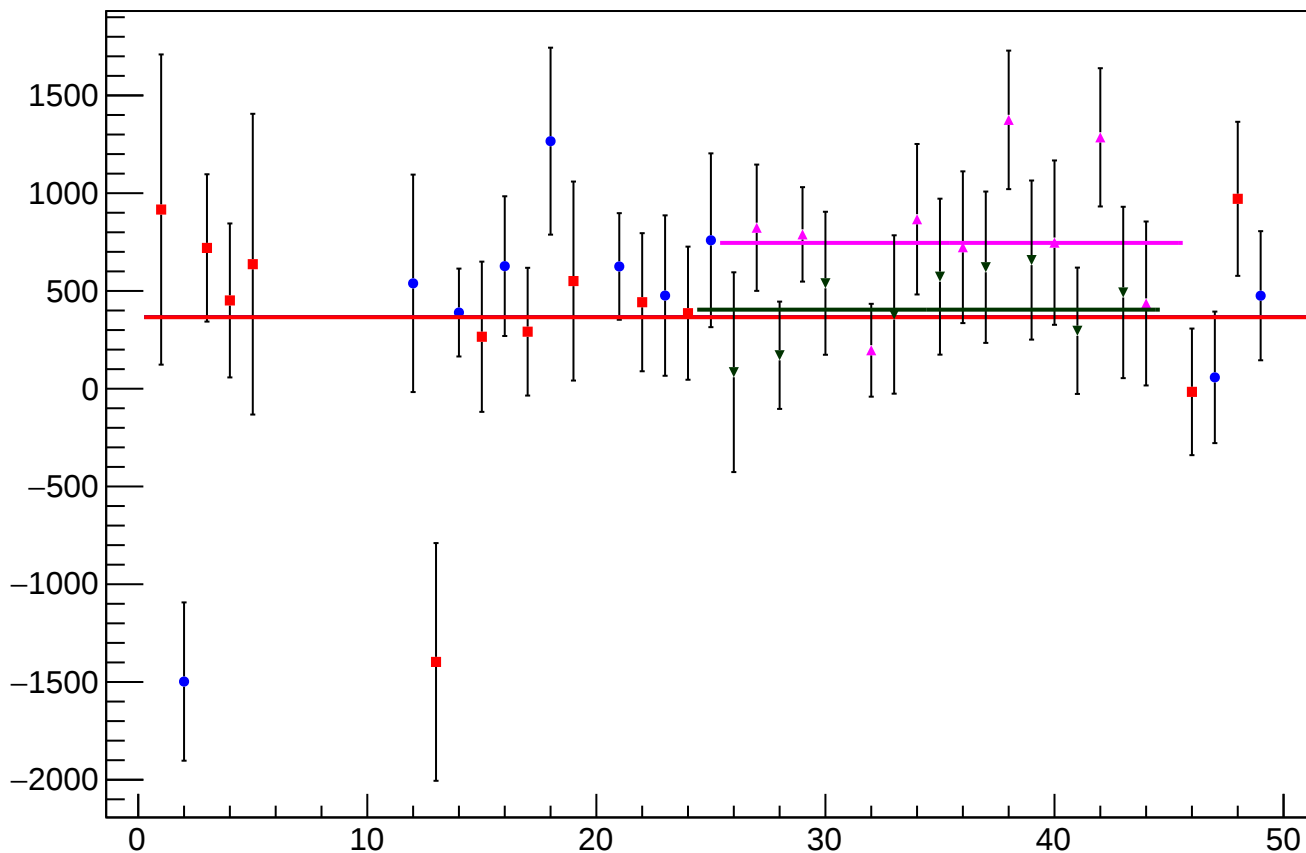
Left Out: 43.439+/-0.014 χ^2/NDF : 20677.6/8

Right Out: 35.341+/-0.011 χ^2/NDF : 724664.5/12

Left In: 41.961+/-0.013 χ^2/NDF : 25099.4/8

37.669+/-0.006 χ^2/NDF : 1995077.1/40

asym_us_avg_mean vs slug



Right In: 366.618 $\pm$ 109.226 χ^2 /NDF: 28.1/9

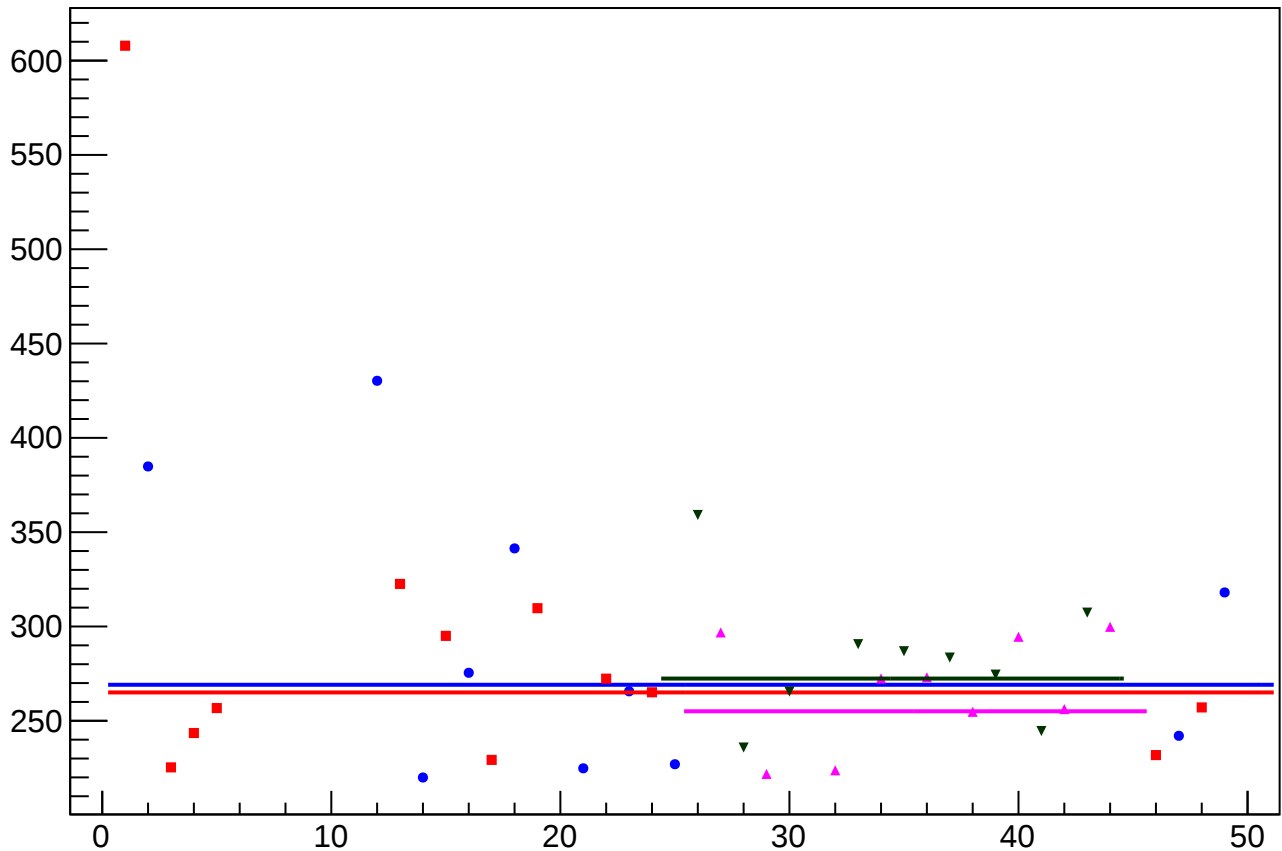
Left Out: 404.336 $\pm$ 124.534 χ^2 /NDF: 2.3/8

Right Out: 365.761 $\pm$ 117.755 χ^2 /NDF: 14.0/11

Left In: 745.763 $\pm$ 108.353 χ^2 /NDF: 11.6/8

480.052 $\pm$ 57.204 χ^2 /NDF: 64.4/39

asym_us_avg_rms vs slug



Right In: 269.101+/-0.077 χ^2/NDF : 601387.4/9

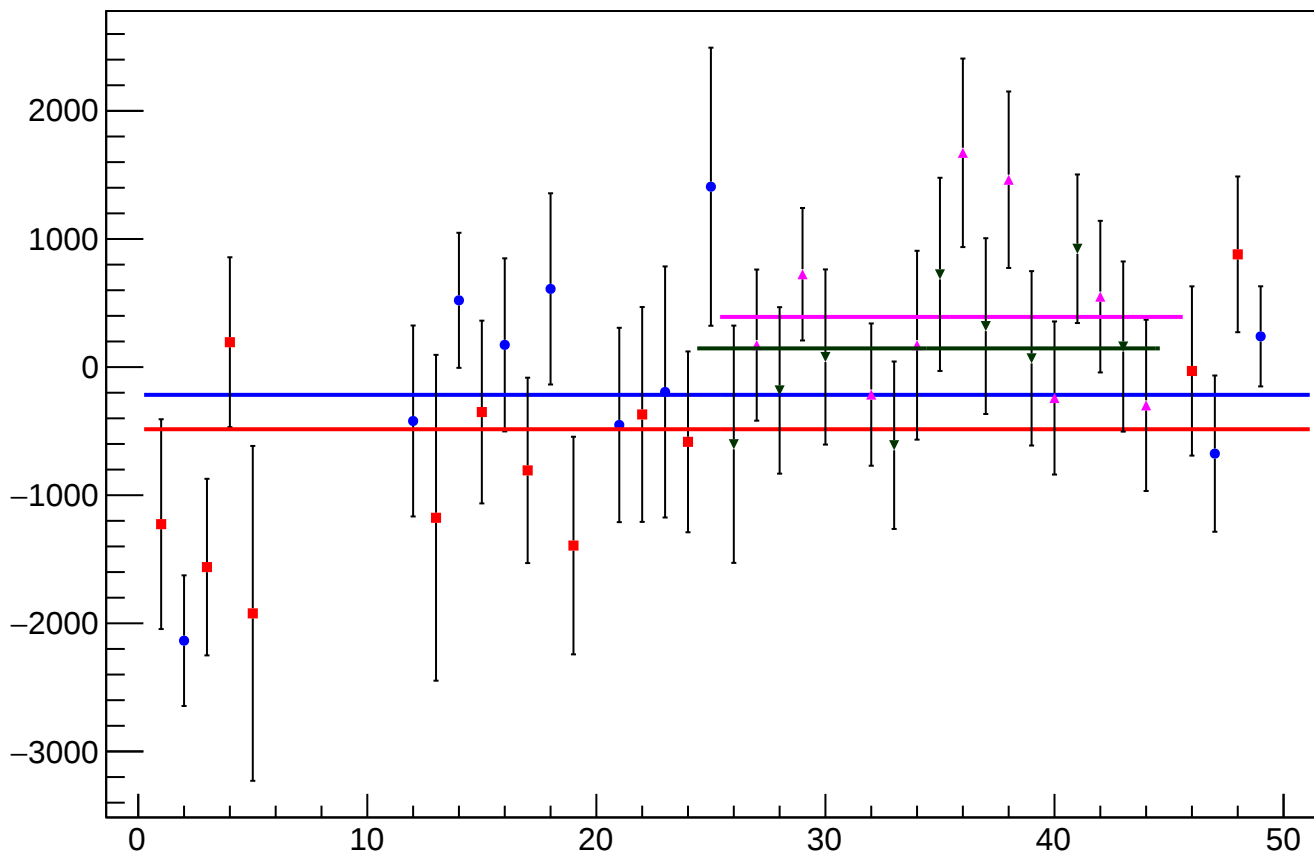
Left Out: 272.390+/-0.088 χ^2/NDF :129813.8/8

Right Out: 265.033+/-0.083 χ^2/NDF : 494201.2/11

Left In: 255.044+/-0.077 χ^2/NDF :154924.7/8

264.917+/-0.040 χ^2/NDF : 1407072.8/39

asym_us_dd_mean vs slug



Right In: -216.585+/-195.740 χ^2/NDF : 22.0/9

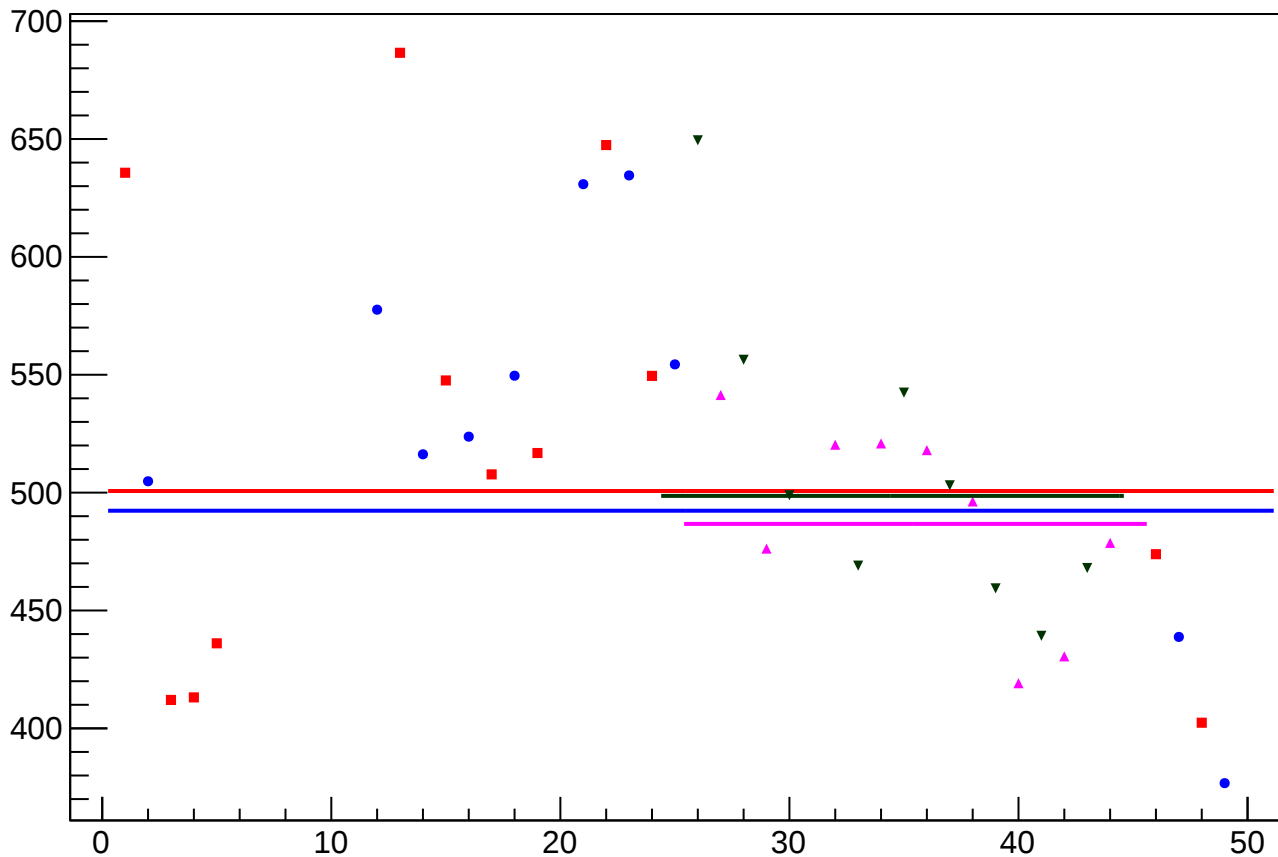
Left Out: 146.103+/-227.629 χ^2/NDF : 4.7/8

Right Out: -485.022+/-219.455 χ^2/NDF : 12.7/11

Left In: 391.655+/-206.066 χ^2/NDF : 9.5/8

-41.027+/-105.578 χ^2/NDF : 59.0/39

asym_us_dd_rms vs slug



Right In: 492.325+/-0.138 χ^2/NDF : 353348.6/9

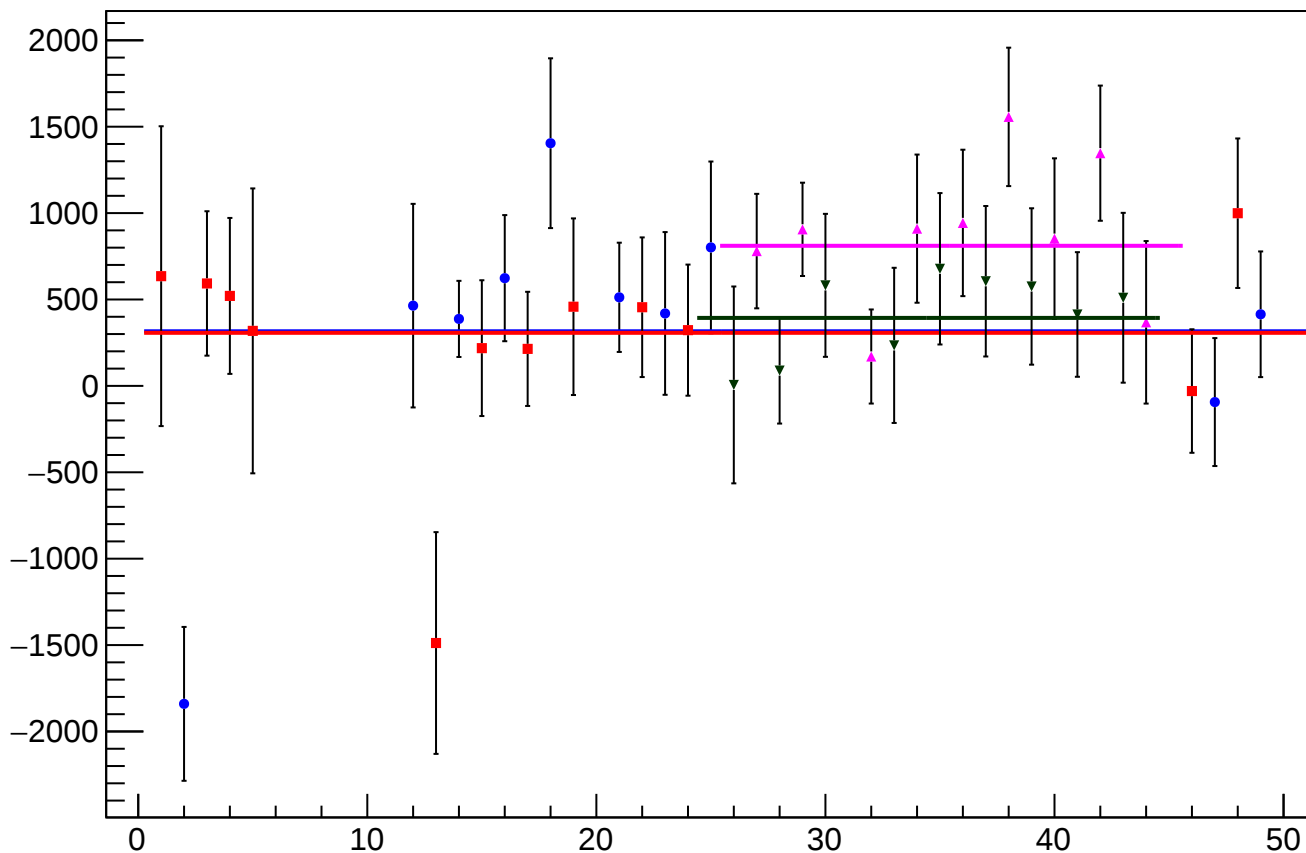
Left Out: 498.620+/-0.161 χ^2/NDF : 111631.8/8

Right Out: 500.688+/-0.155 χ^2/NDF : 305876.2/11

Left In: 486.730+/-0.146 χ^2/NDF : 77533.5/8

494.146+/-0.075 χ^2/NDF : 853703.5/39

asym_ds_avg_mean vs slug



Right In: 315.980 $\pm$ 116.561 χ^2 /NDF: 31.9/9

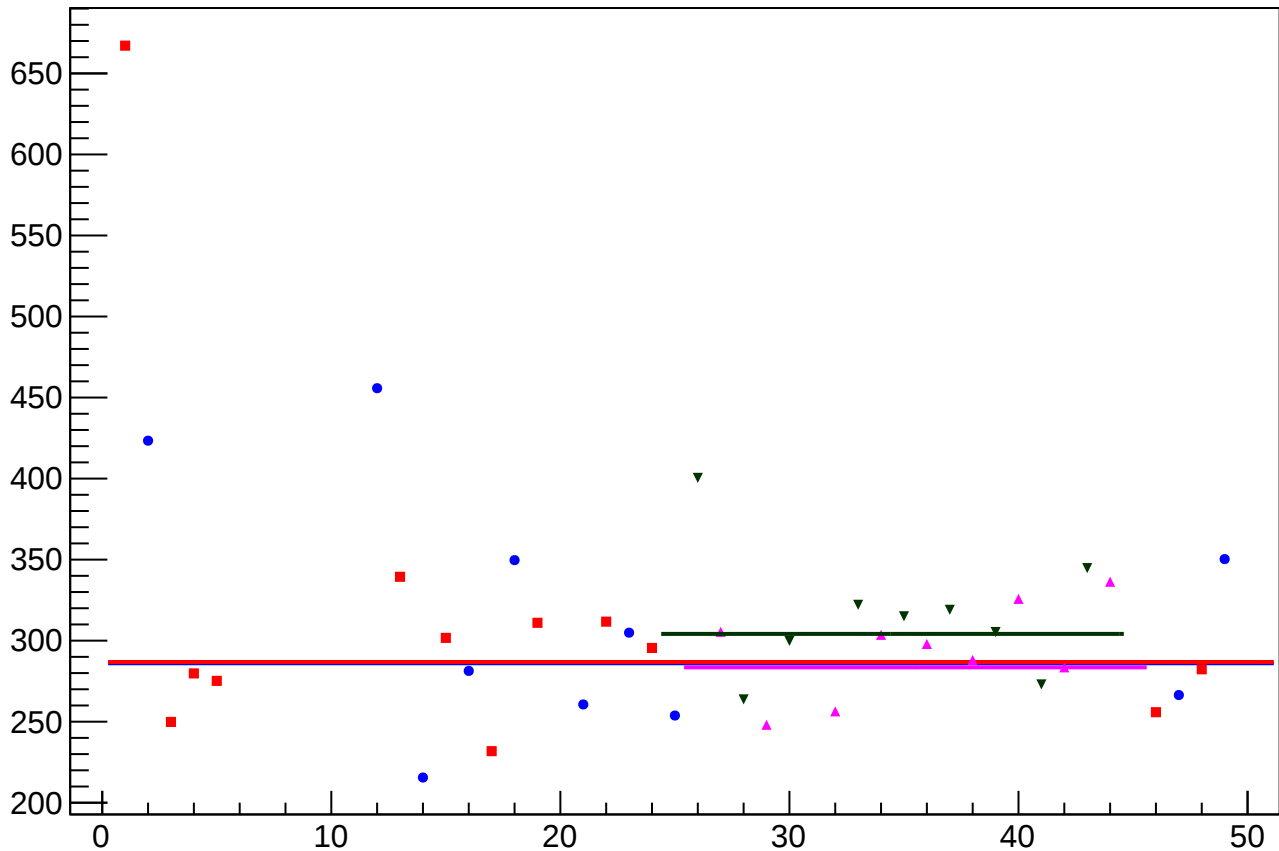
Left Out: 393.410 $\pm$ 139.060 χ^2 /NDF: 2.7/8

Right Out: 307.173 $\pm$ 127.439 χ^2 /NDF: 12.5/11

Left In: 810.762 $\pm$ 120.173 χ^2 /NDF: 12.1/8

463.258 $\pm$ 62.484 χ^2 /NDF: 70.8/39

asym_ds_avg_rms vs slug



Right In: 286.056+/-0.082 χ^2/NDF : 687714.4/9

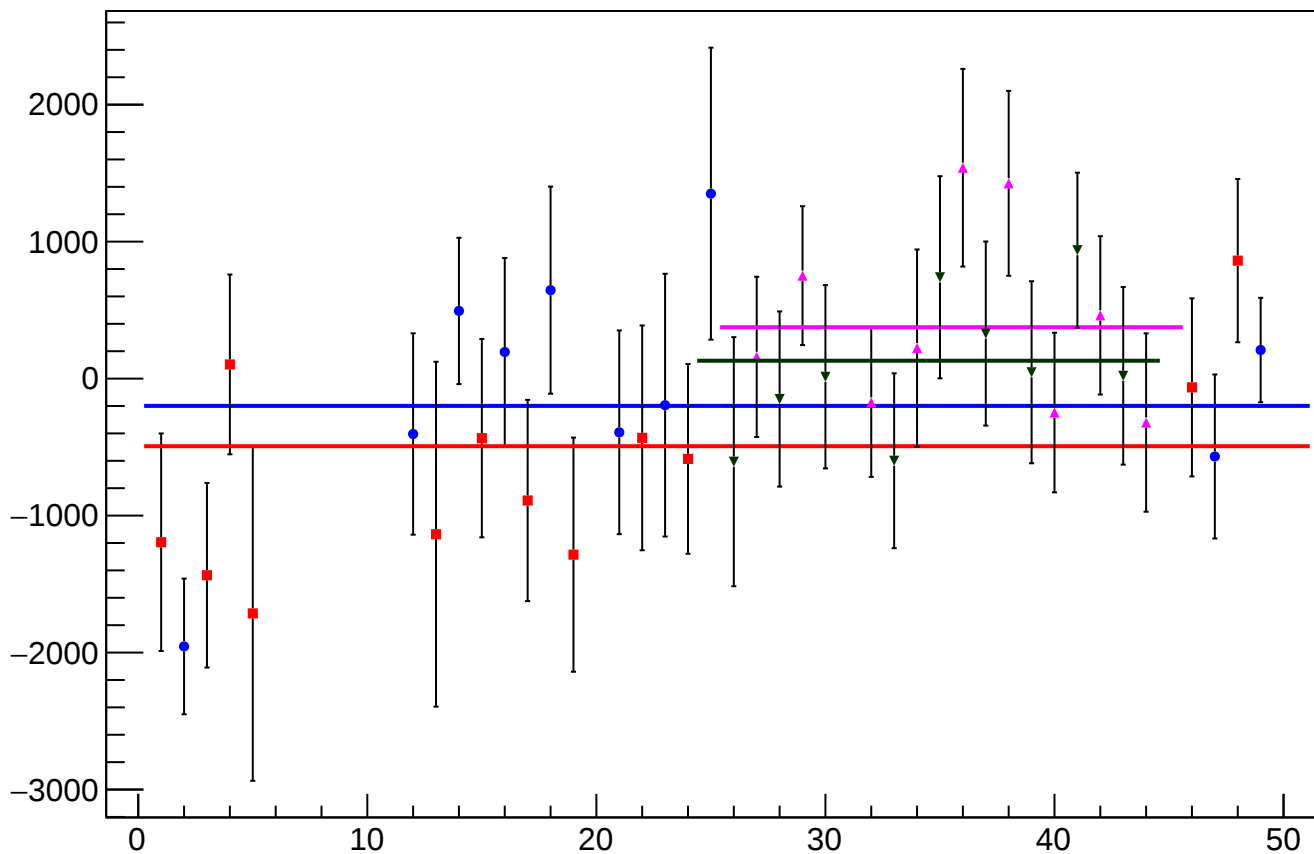
Left Out: 304.167+/-0.098 χ^2/NDF :127437.9/8

289.219+/-0.044 χ^2/NDF : 1457581.7/39

Right Out: 286.841+/-0.090 χ^2/NDF : 500903.2/11

Left In: 283.531+/-0.085 χ^2/NDF :111768.2/8

asym_ds_dd_mean vs slug



Right In: -199.165+/-193.345 χ^2/NDF : 19.6/9

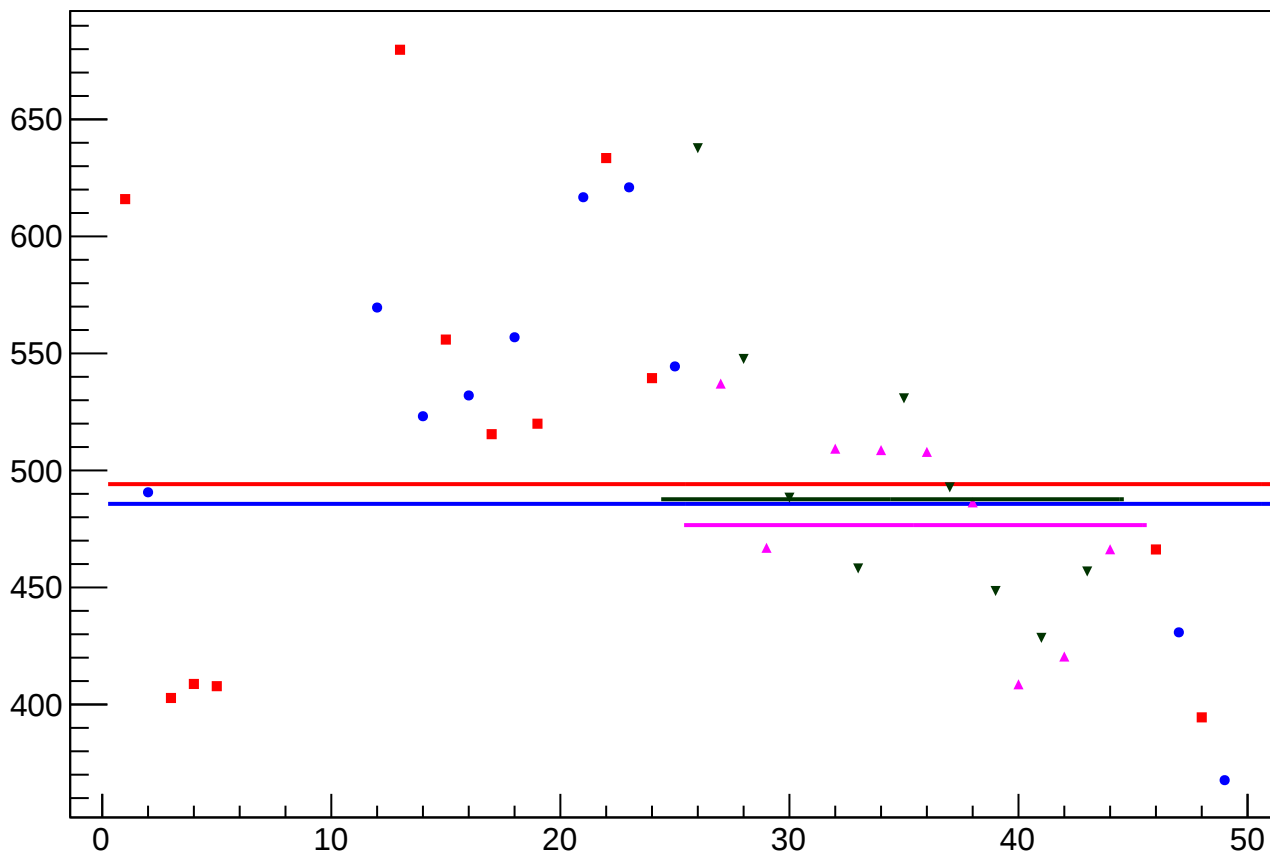
Left Out: 130.578+/-222.704 χ^2/NDF : 5.0/8

-43.010+/-103.833 χ^2/NDF : 55.2/39

Right Out: -493.393+/-216.704 χ^2/NDF : 11.6/11

Left In: 375.302+/-201.841 χ^2/NDF : 9.1/8

asym_ds_dd_rms vs slug



Right In: 485.717+/-0.137 χ^2/NDF : 379404.1/9

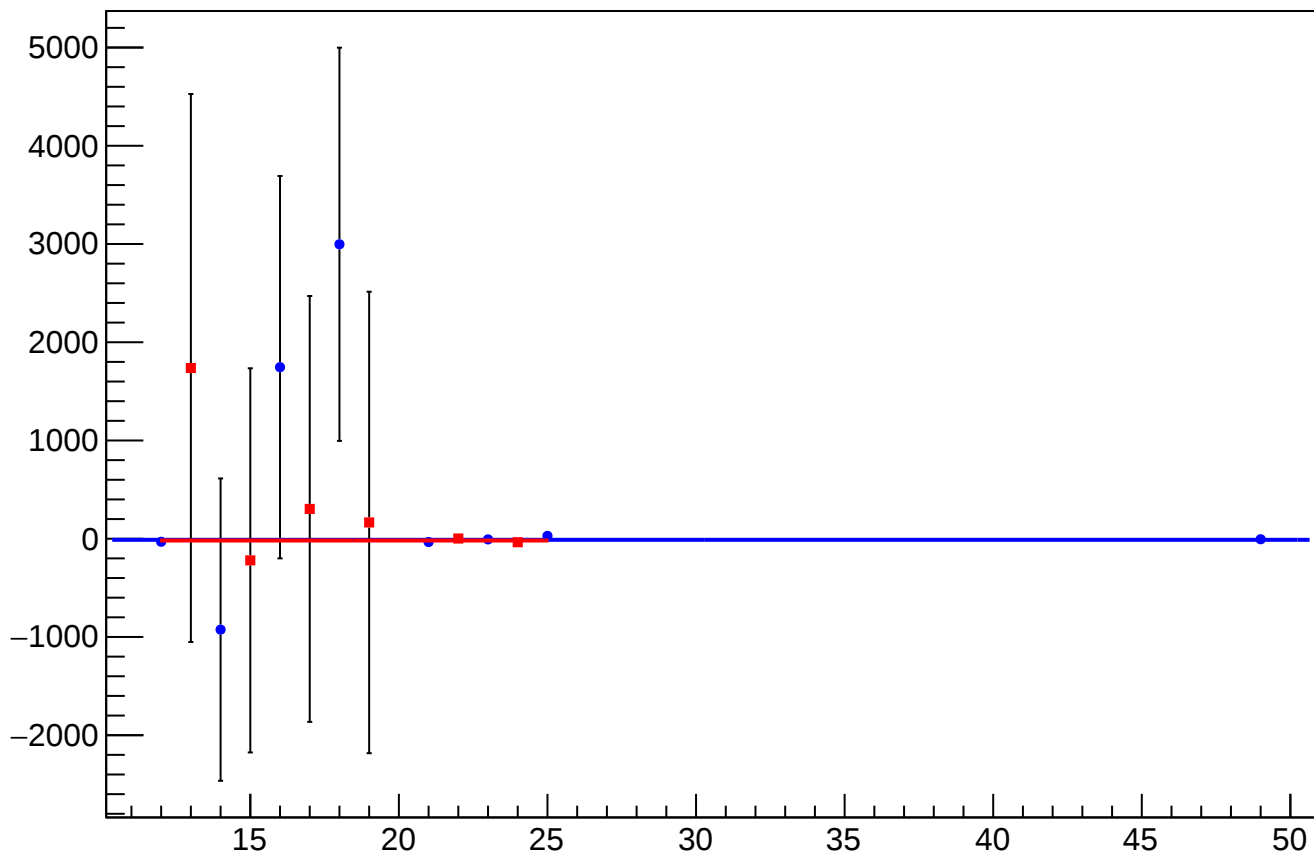
Left Out: 487.691+/-0.157 χ^2/NDF : 116664.7/8

Right Out: 494.148+/-0.153 χ^2/NDF : 315045.9/11

Left In: 476.643+/-0.143 χ^2/NDF : 84135.2/8

485.681+/-0.073 χ^2/NDF : 902476.8/39

bcm_an_us_ds_dd_mean vs slug



Right In: -11.036+/-10.722 χ^2 /NDF: 6.3/7

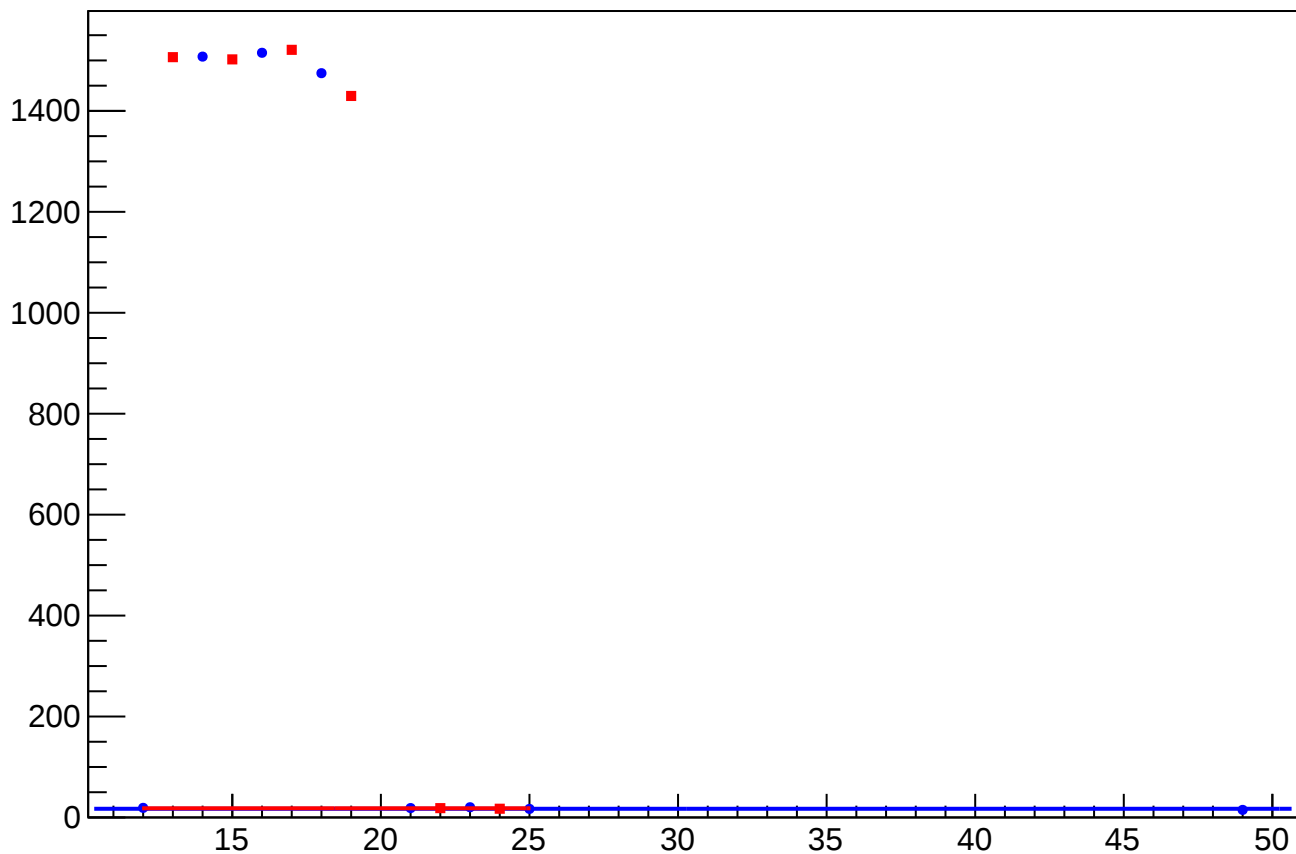
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -18.079+/-16.591 χ^2 /NDF: 1.7/5

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

-13.111+/-9.005 χ^2 /NDF: 8.1/13

bcm_an_us_ds_dd_rms vs slug



Right In: 17.198+/-0.008 χ^2 /NDF: 4193608.1/7

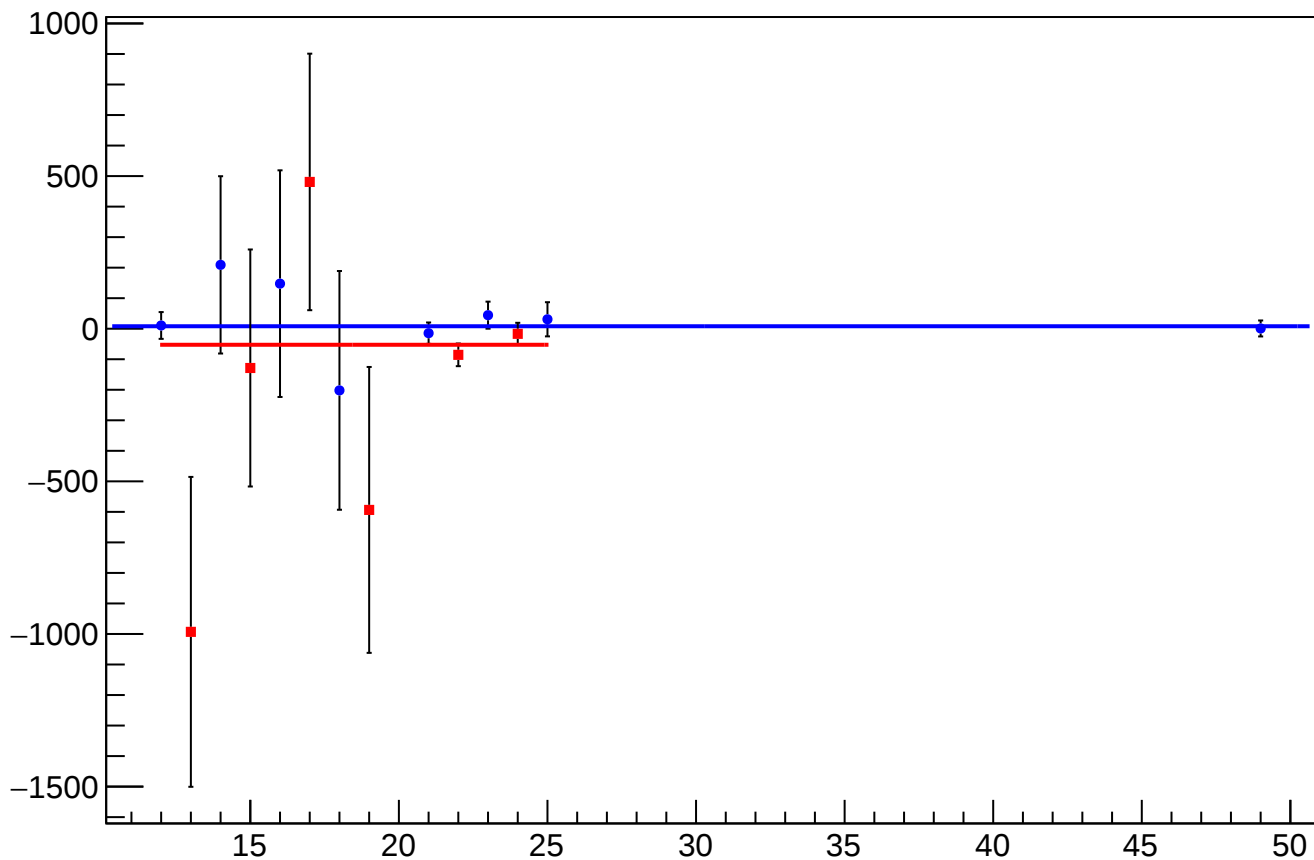
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 18.152+/-0.012 χ^2 /NDF: 3408562.1/5

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

17.479+/-0.006 χ^2 /NDF: 7606833.4/13

bcm_dg_us_ds_dd_mean vs slug



Right In: 8.091+/-16.552 χ^2 /NDF: 2.2/7

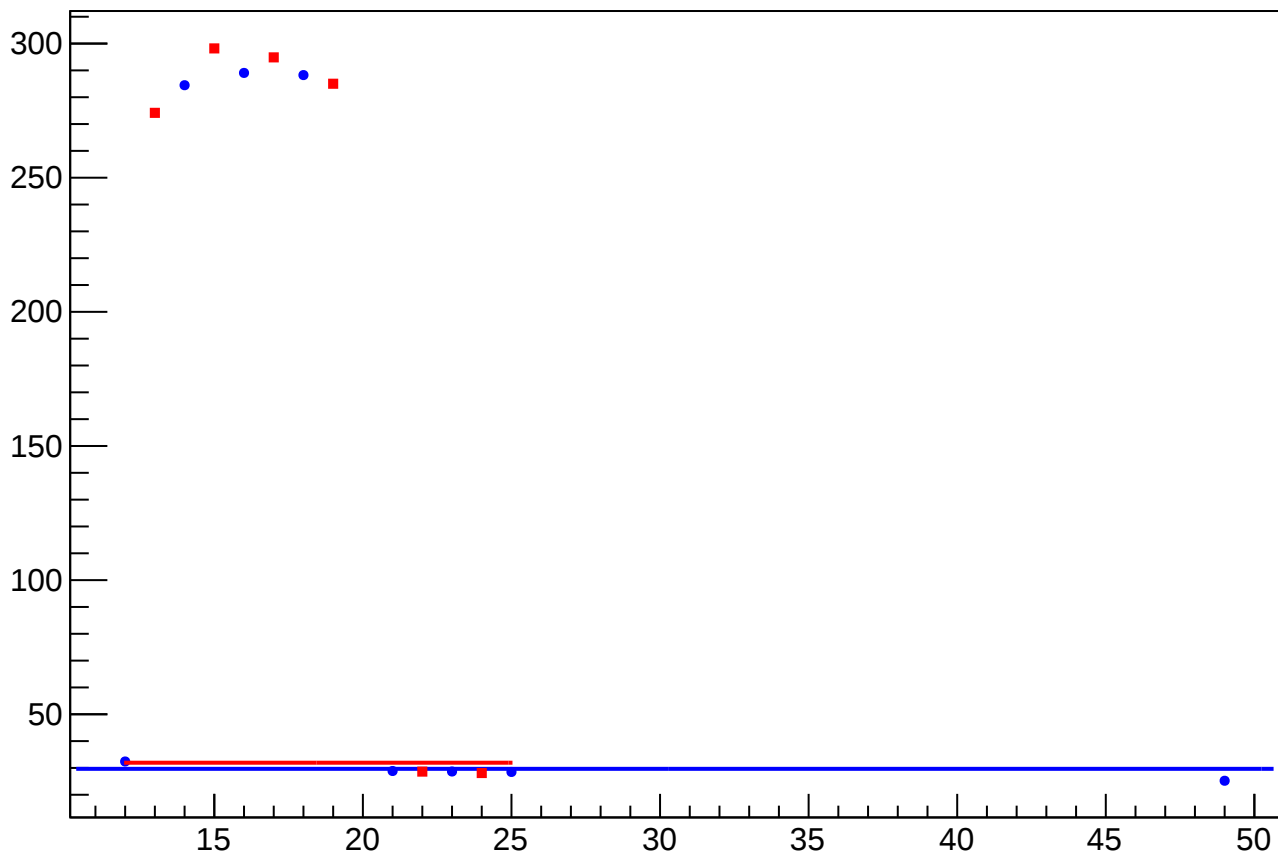
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -52.584+/-25.708 χ^2 /NDF: 8.2/5

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

-9.691+/-13.917 χ^2 /NDF: 14.4/13

bcm_dg_us_ds_dd_rms vs slug



Right In: 29.663+/-0.012 χ^2/NDF : 3459336.8/7

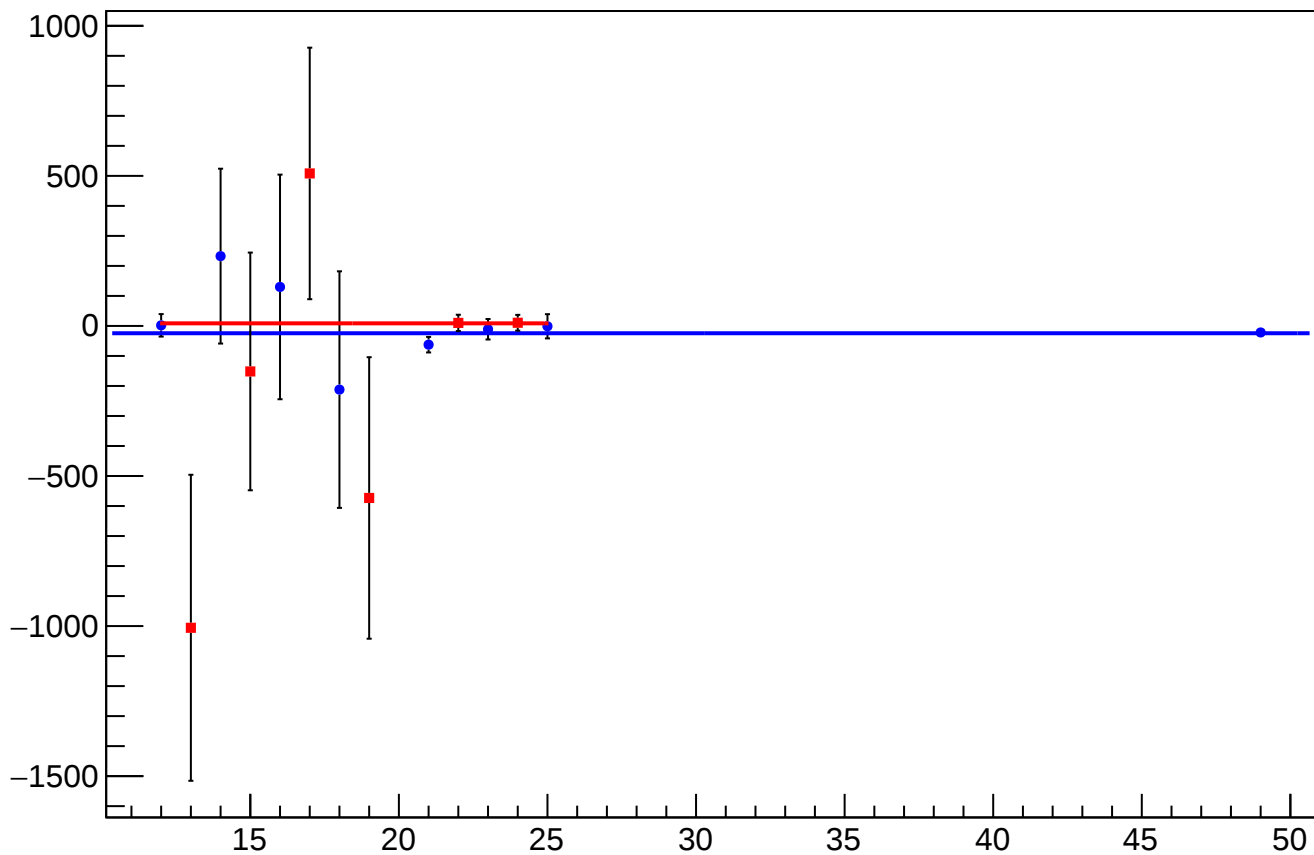
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.331+/-0.010 χ^2/NDF : 6272466.6/13

Right Out: 31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

bcm_dg_ds_ds_dd_mean vs slug



Right In: -24.310 ± 11.740 χ^2/NDF : 4.3/7

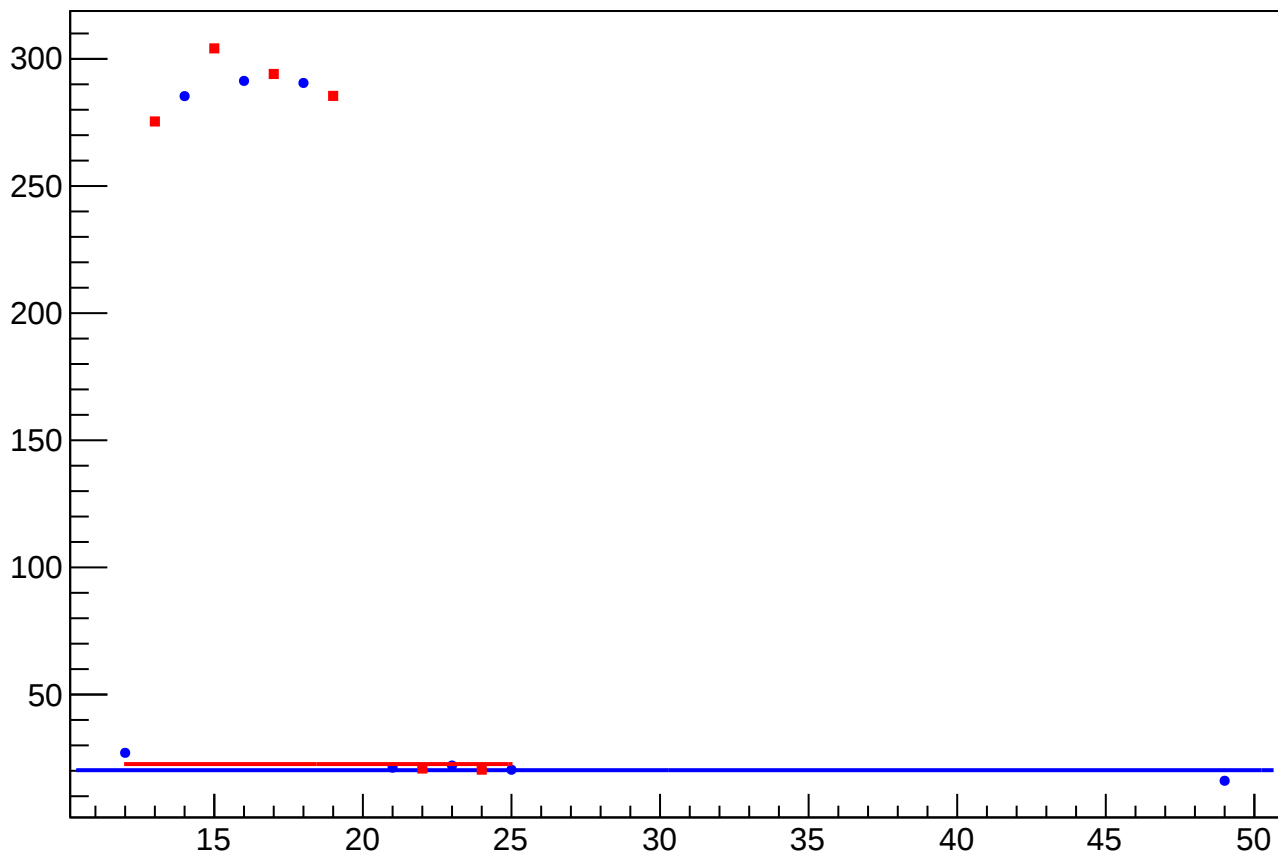
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.693 ± 18.847 χ^2/NDF : 7.1/5

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

-15.084 ± 9.965 χ^2/NDF : 13.6/13

bcm_dg_ds_ds_dd_rms vs slug



Right In: 20.244+/-0.008 χ^2/NDF : 3845727.0/7

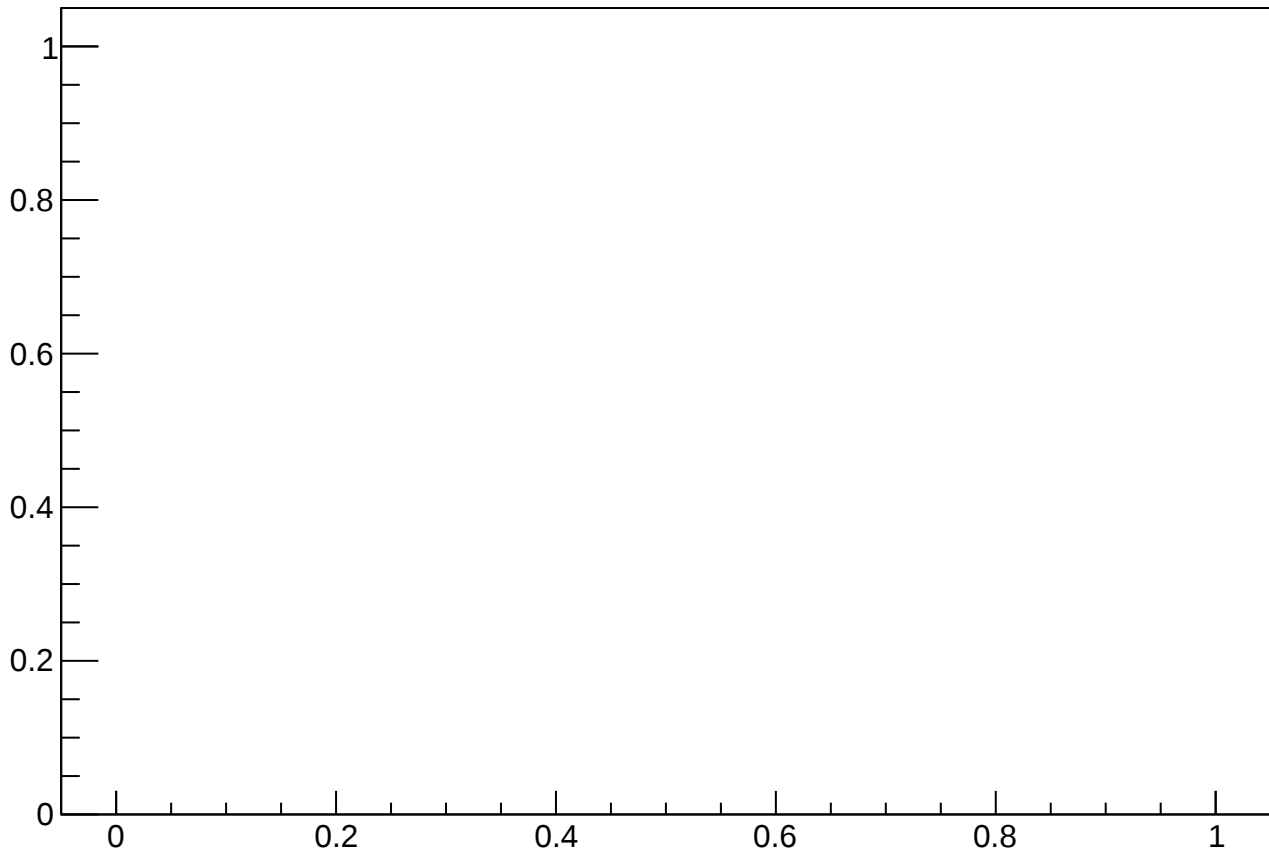
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.915+/-0.007 χ^2/NDF : 6860200.0/13

Right Out: 22.645+/-0.013 χ^2/NDF : 2991074.6/5

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

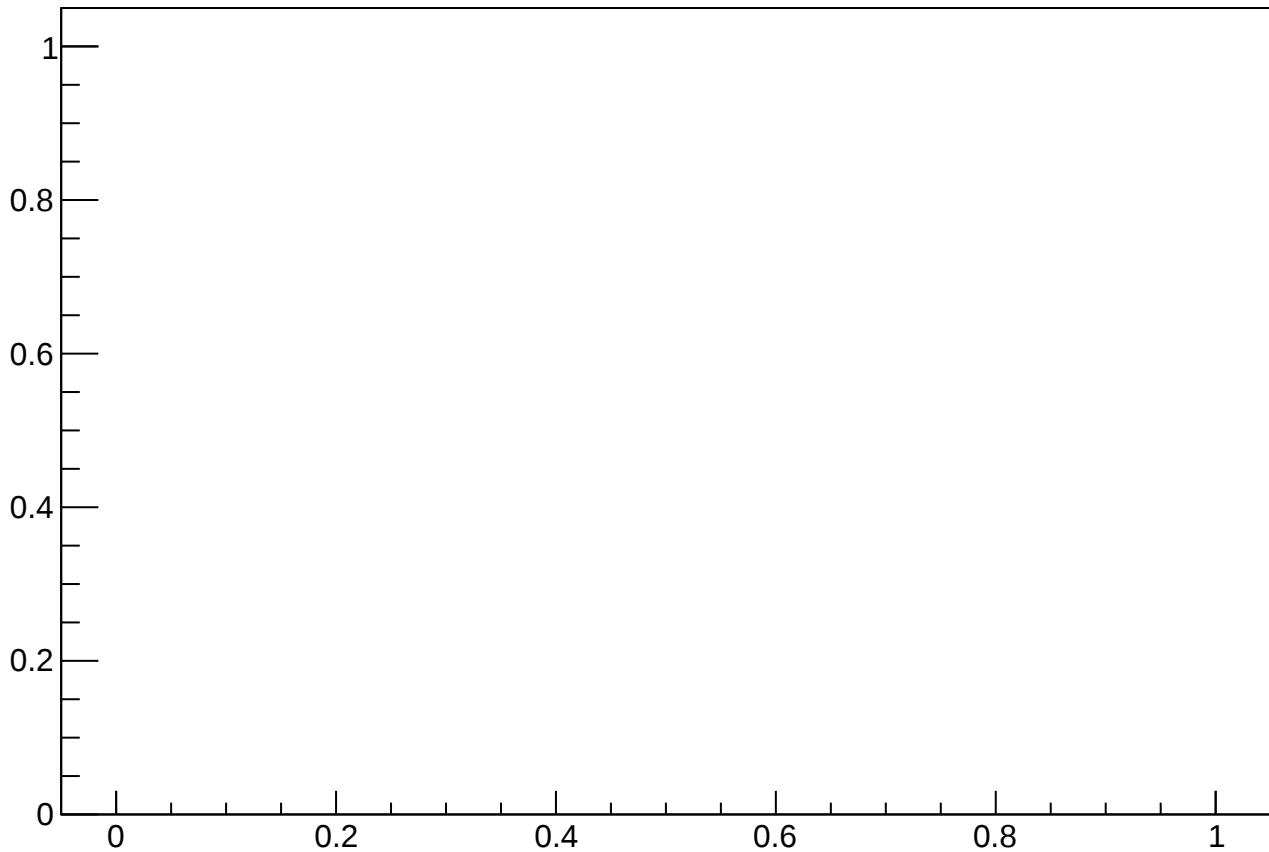
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

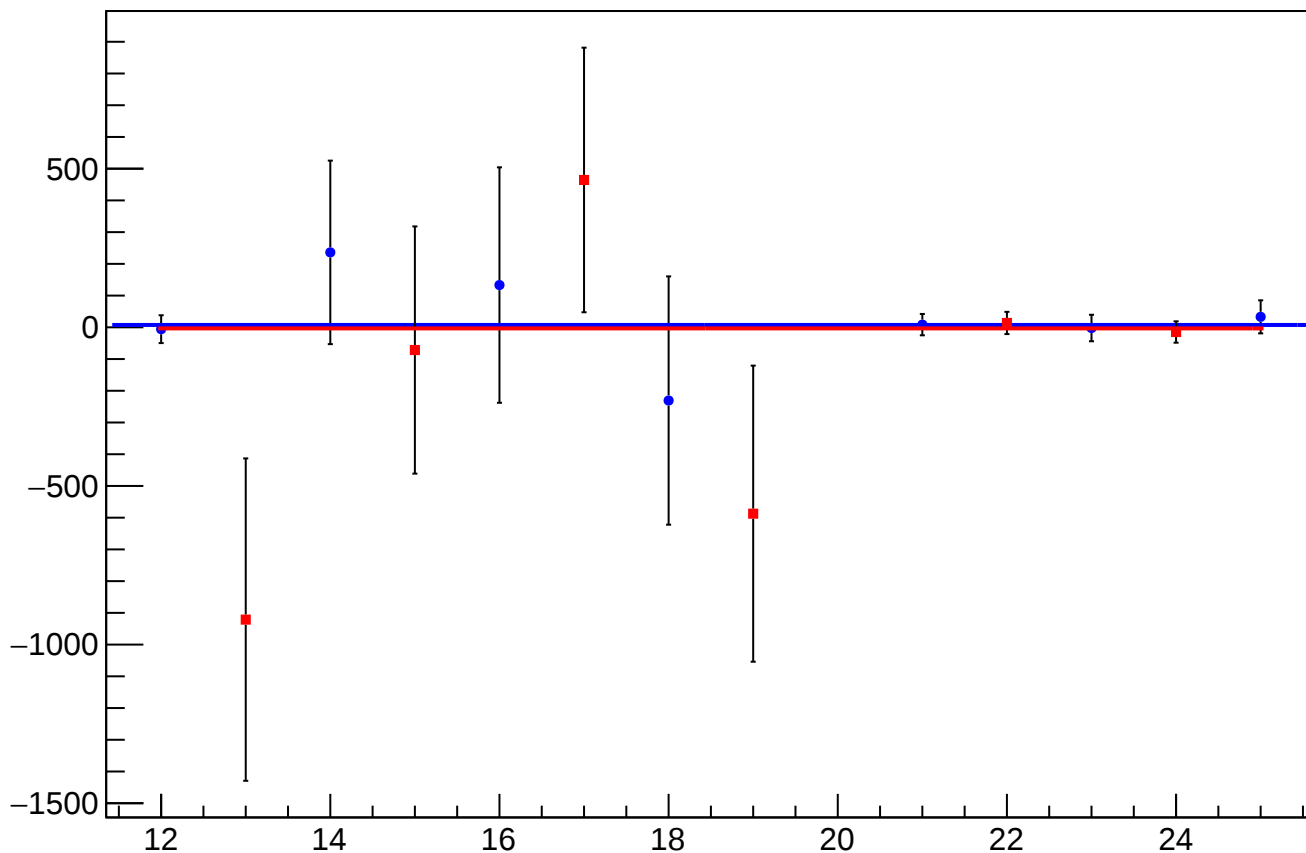
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

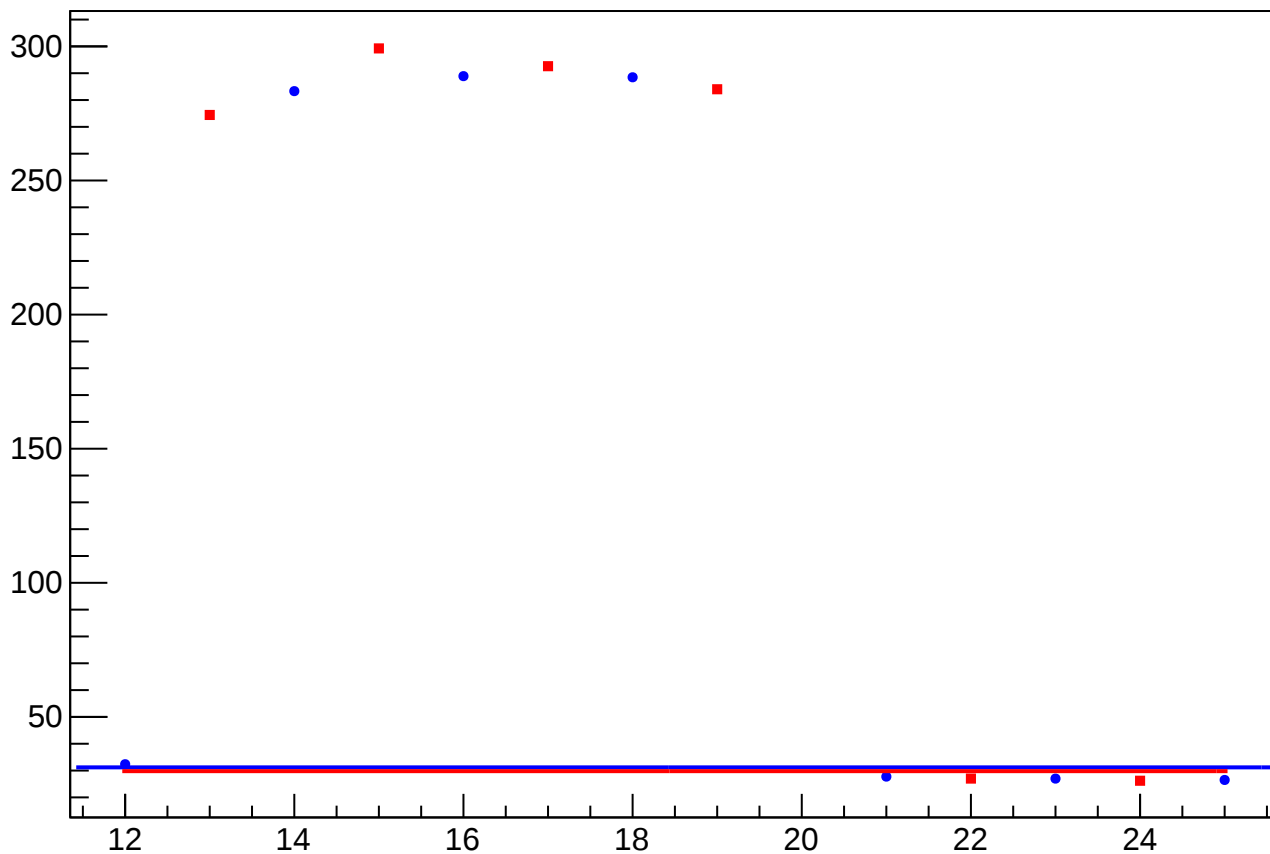
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

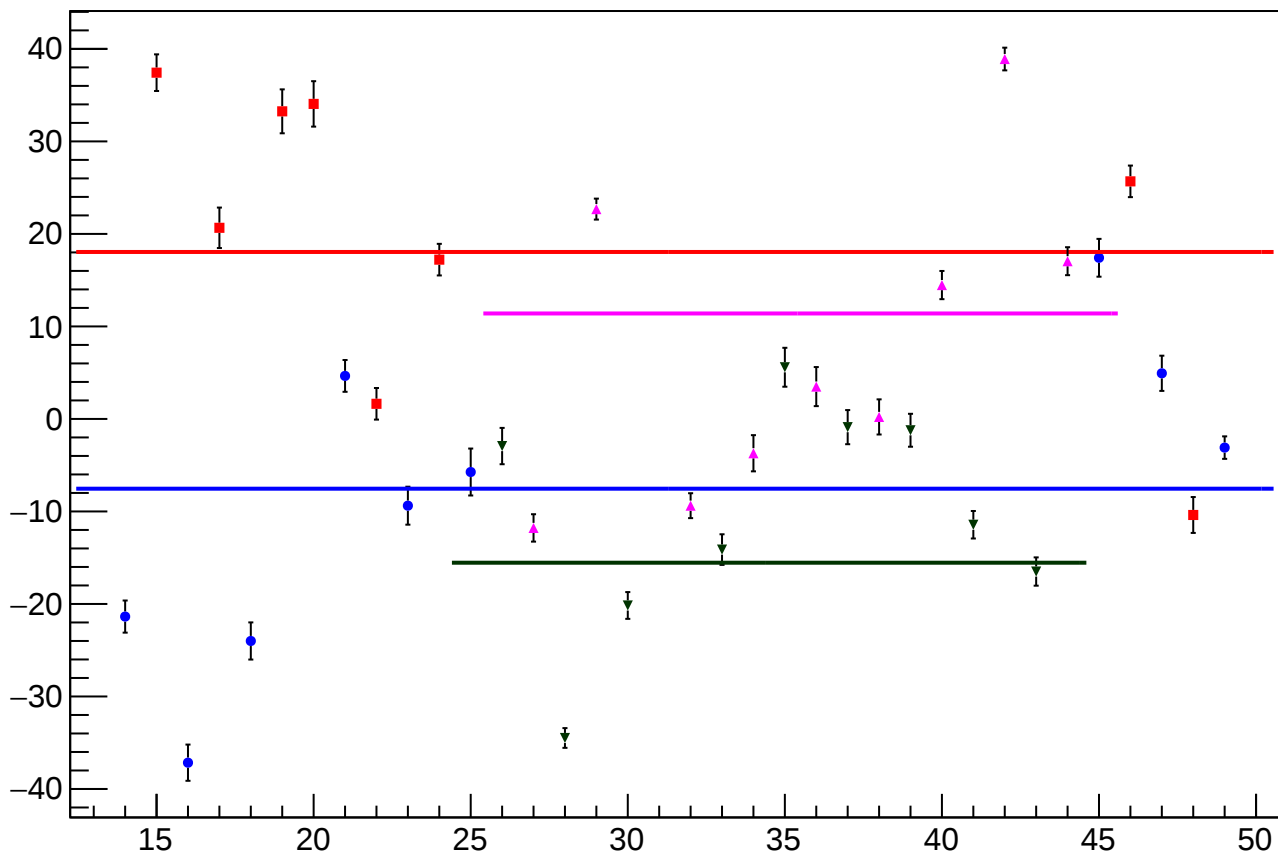
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -7.541 ± 0.601 χ^2/NDF : 616.6/8

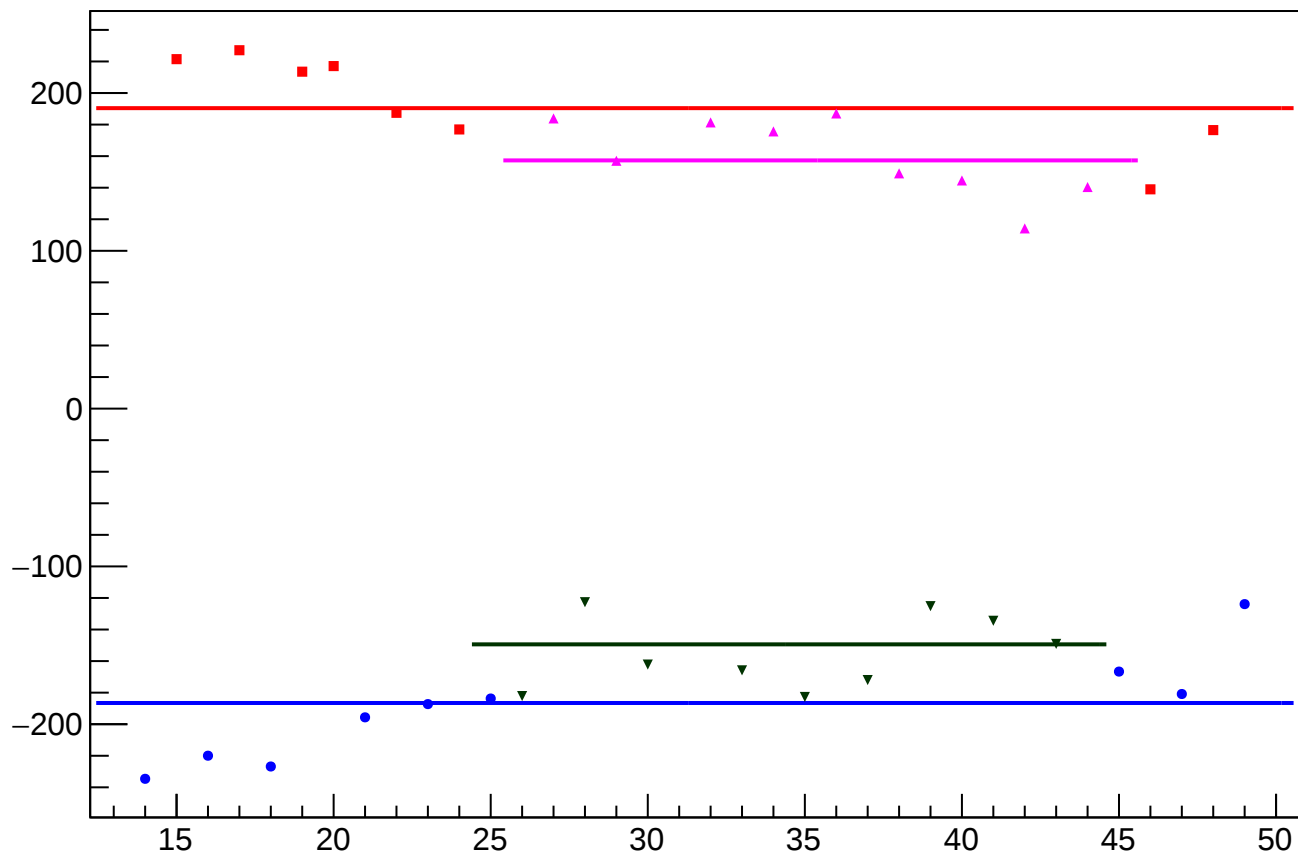
Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

Right Out: 18.048 ± 0.690 χ^2/NDF : 508.0/7

Left In: 11.401 ± 0.495 χ^2/NDF : 1211.6/8

0.490 ± 0.281 χ^2/NDF : 5202.4/34

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -186.550+/-0.476 χ^2/NDF : 6323.7/8

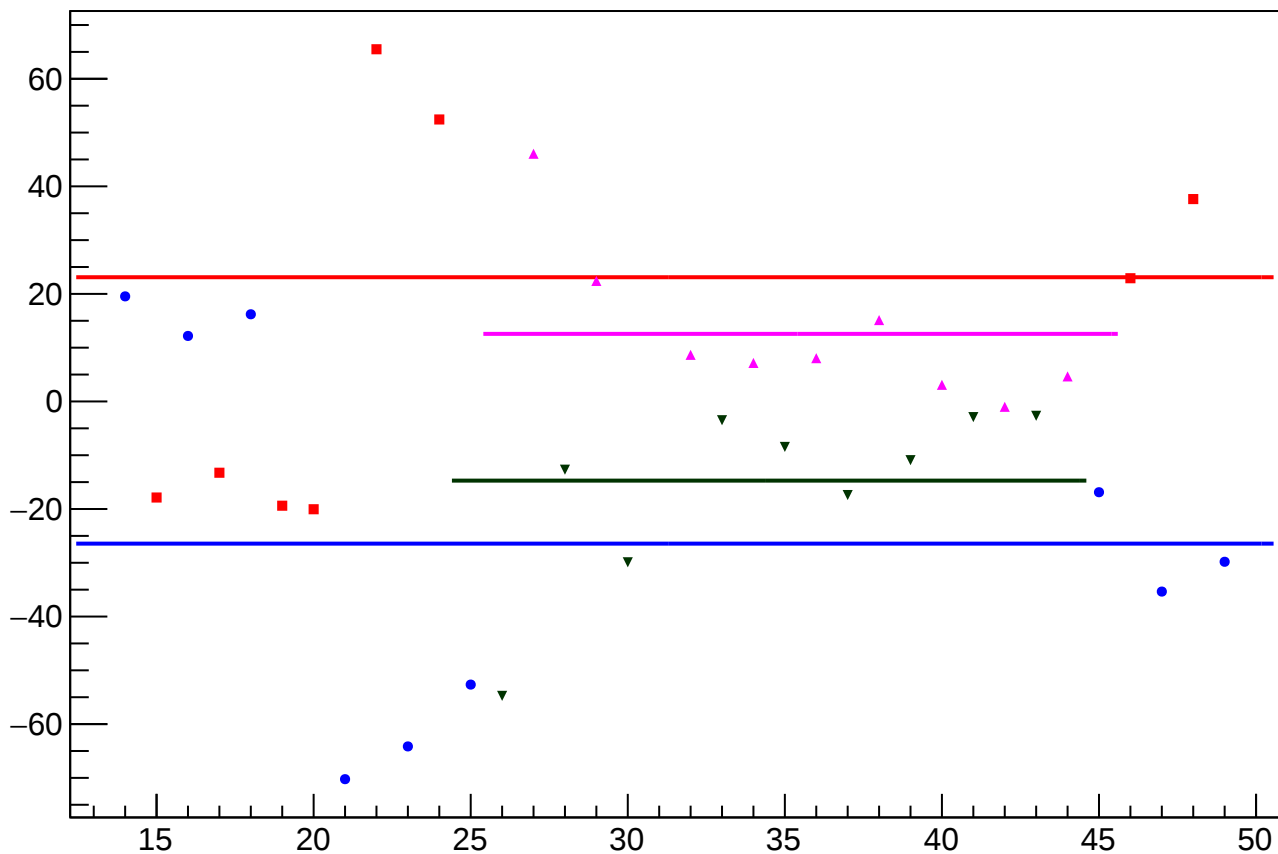
Left Out: -149.395+/-0.395 χ^2/NDF : 3200.8/8

Right Out: 190.414+/-0.535 χ^2/NDF : 2909.6/7

Left In: 157.299+/-0.365 χ^2/NDF : 4330.1/8

2.773+/-0.214 χ^2/NDF : 625571.5/34

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.440 ± 0.111 χ^2/NDF : 78505.5/8

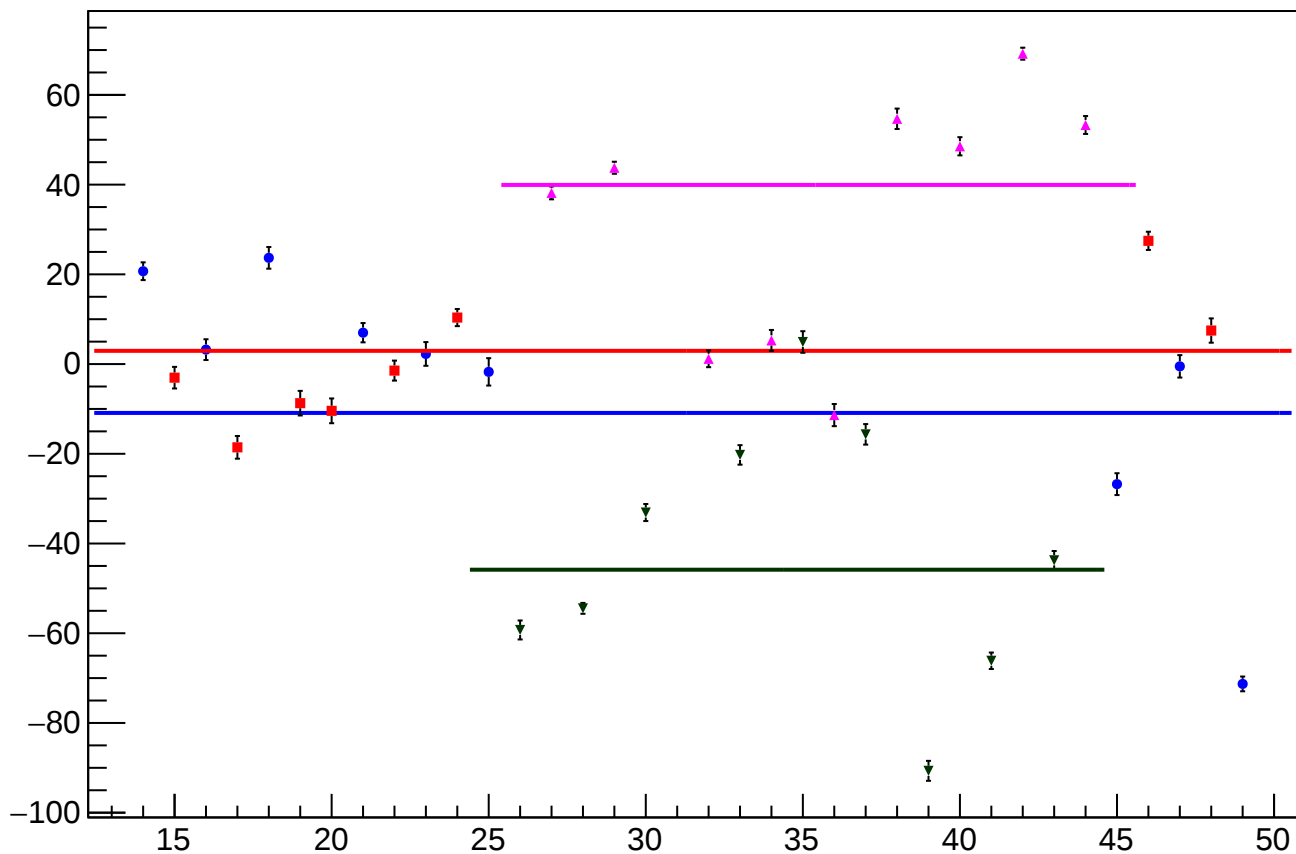
Left Out: -14.722 ± 0.088 χ^2/NDF : 26364.3/8

Right Out: 23.099 ± 0.124 χ^2/NDF : 65502.7/7

Left In: 12.566 ± 0.085 χ^2/NDF : 25284.4/8

-2.004 ± 0.049 χ^2/NDF : 335511.8/34

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -10.889 ± 0.750 χ^2/NDF : 2008.2/8

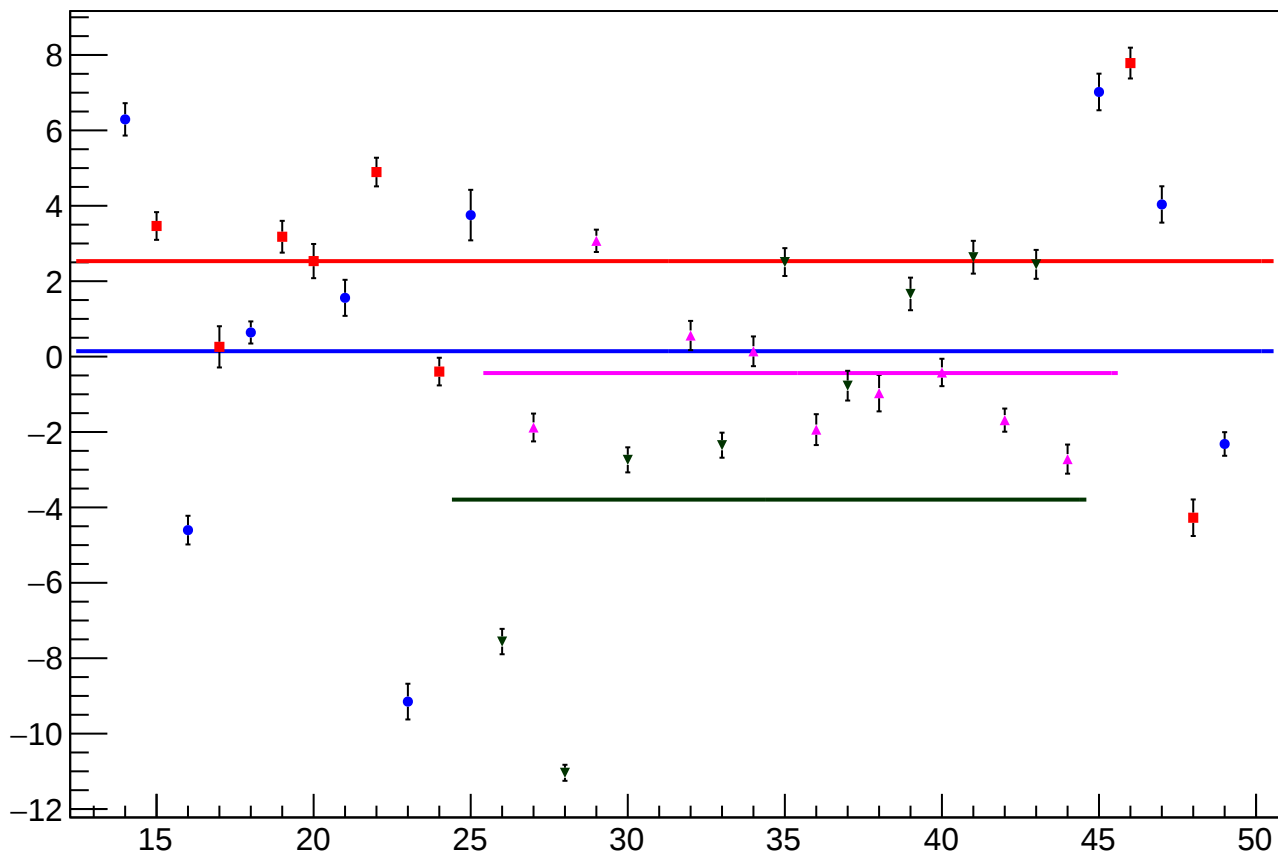
Left Out: -45.838 ± 0.634 χ^2/NDF : 1422.1/8

Right Out: 2.951 ± 0.831 χ^2/NDF : 287.6/7

Left In: 39.932 ± 0.586 χ^2/NDF : 1674.4/8

-1.470 ± 0.340 χ^2/NDF : 15469.3/34

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 0.143 $\pm$ 0.136 χ^2 /NDF: 1113.6/8

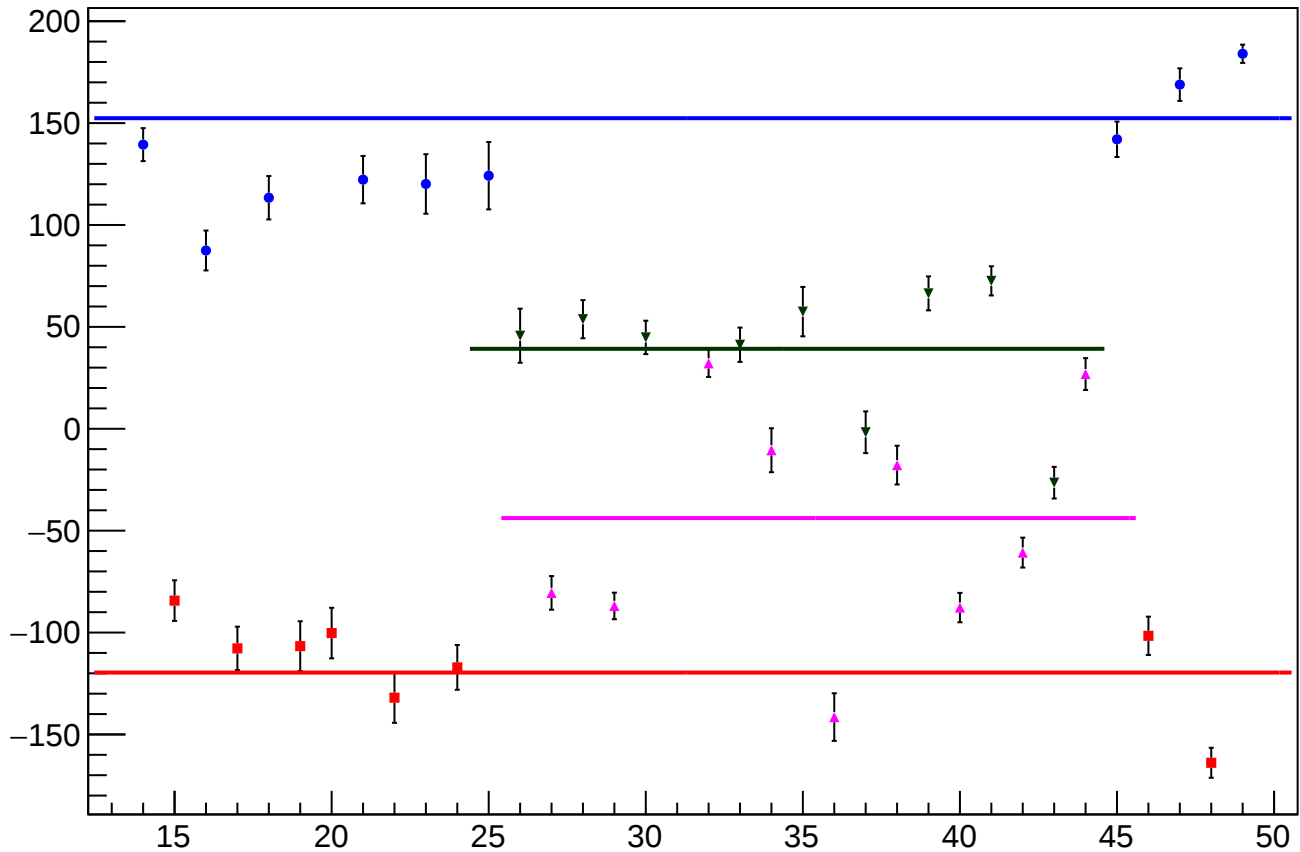
Left Out: -3.793 $\pm$ 0.112 χ^2 /NDF: 2310.3/8

Right Out: 2.532 $\pm$ 0.148 χ^2 /NDF: 490.9/7

Left In: -0.437 $\pm$ 0.122 χ^2 /NDF: 230.2/8

-0.851 $\pm$ 0.064 χ^2 /NDF: 5429.5/34

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 152.403 ± 2.783 $\chi^2/\text{NDF}: 130.0/8$

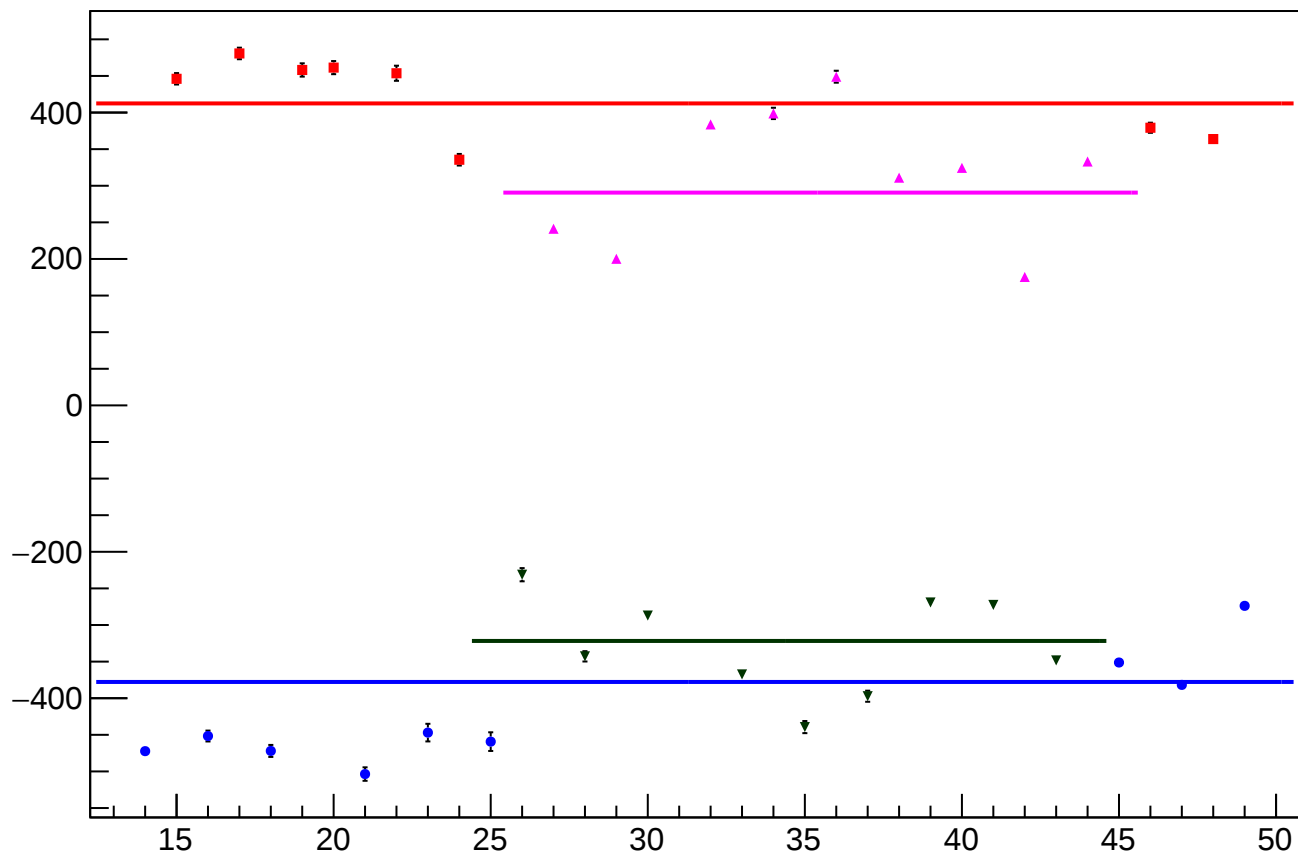
Left Out: 39.246 ± 2.976 $\chi^2/\text{NDF}: 125.4/8$

18.957 ± 1.474 $\chi^2/\text{NDF}: 5092.6/34$

Right Out: -119.625 ± 3.613 $\chi^2/\text{NDF}: 58.2/7$

Left In: -43.812 ± 2.656 $\chi^2/\text{NDF}: 403.9/8$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -377.784+/-2.192 χ^2/NDF : 1536.5/8

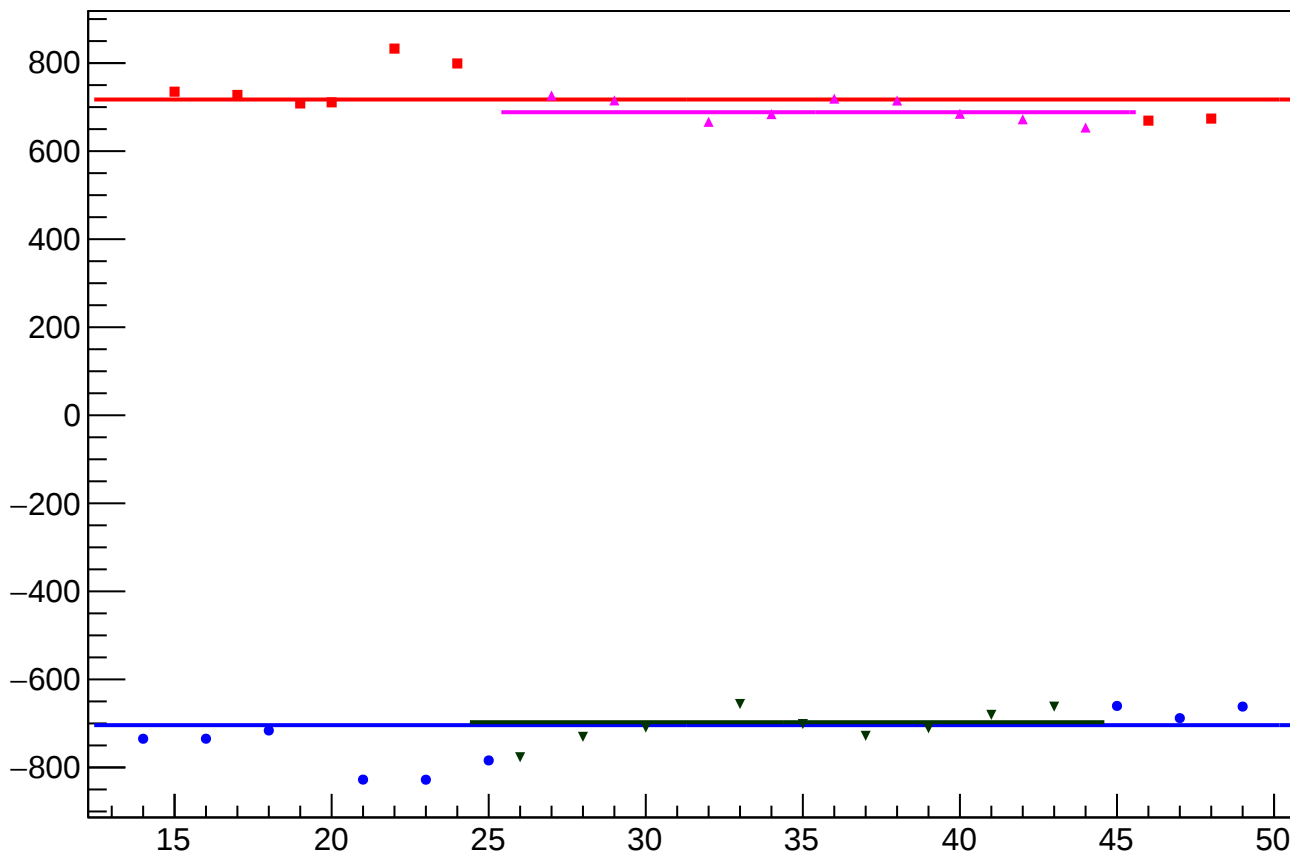
Left Out: -321.773+/-2.219 χ^2/NDF : 673.9/8

Right Out: 412.466+/-2.780 χ^2/NDF : 343.7/7

Left In: 290.641+/-1.943 χ^2/NDF : 1886.9/8

-16.994+/-1.114 χ^2/NDF : 99327.2/34

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -703.927+/-0.521 χ^2 /NDF: 10723.1/8

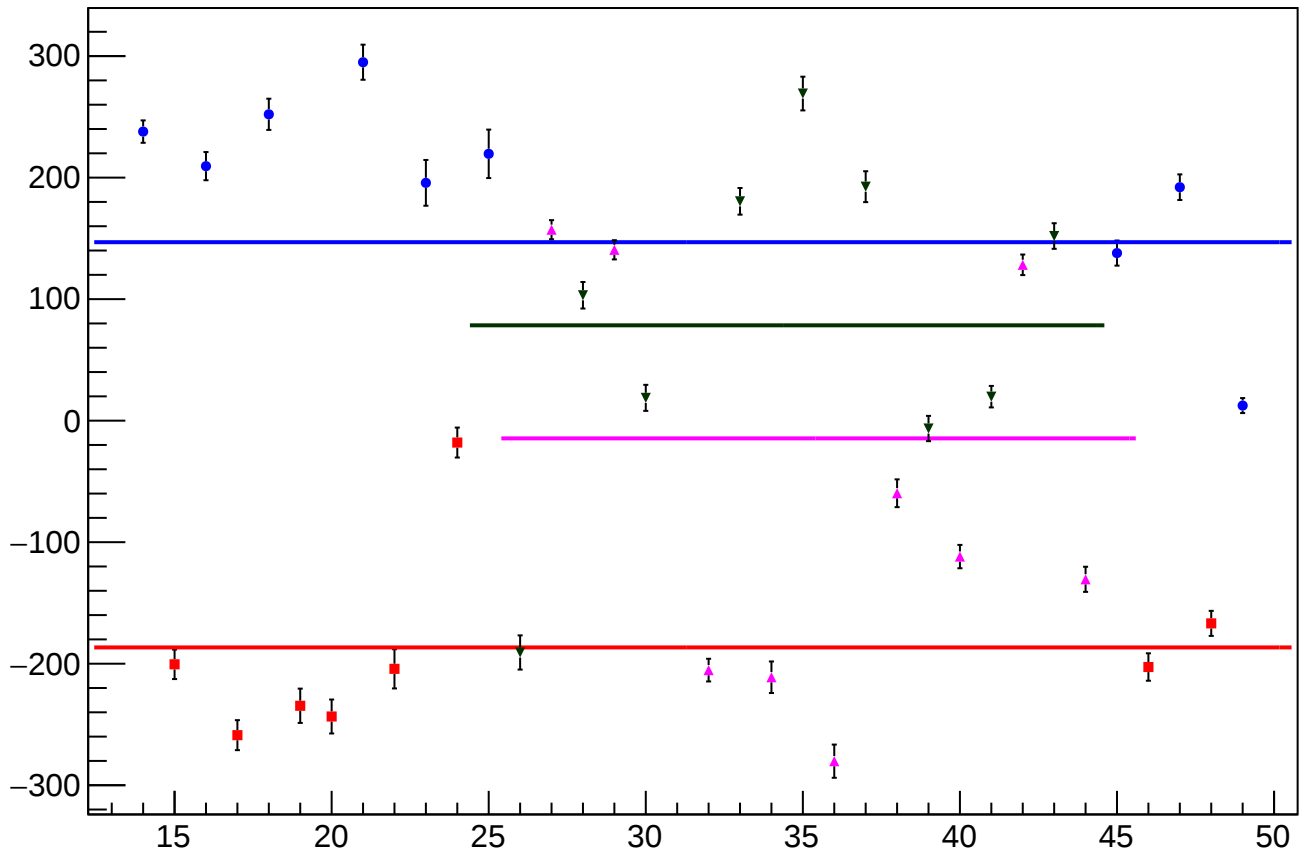
Left Out: -697.208+/-0.498 χ^2 /NDF:4232.4/8

Right Out: 717.271+/-0.654 χ^2 /NDF: 6743.6/7

Left In: 688.430+/-0.456 χ^2 /NDF:2965.5/8

-27.880+/-0.259 χ^2 /NDF: 7287130.2/34

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 146.868 $\pm$ 3.535 χ^2 /NDF: 812.7/8

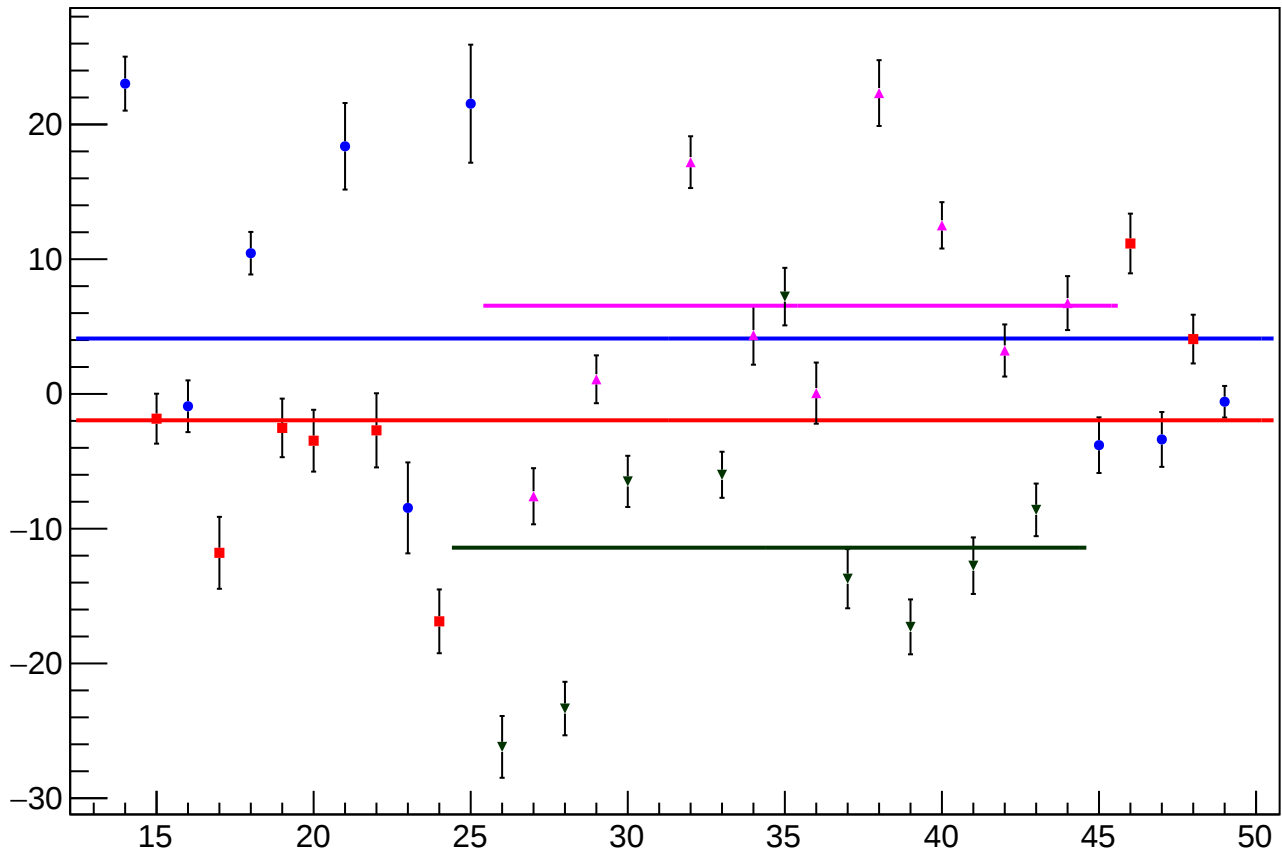
Left Out: 78.457 $\pm$ 3.704 χ^2 /NDF:917.8/8

21.639 $\pm$ 1.823 χ^2 /NDF: 8239.8/34

Right Out: -186.607 $\pm$ 4.420 χ^2 /NDF: 257.4/7

Left In: -14.576 $\pm$ 3.215 χ^2 /NDF:2415.6/8

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 4.114 ± 0.651 χ^2/NDF : 205.8/8

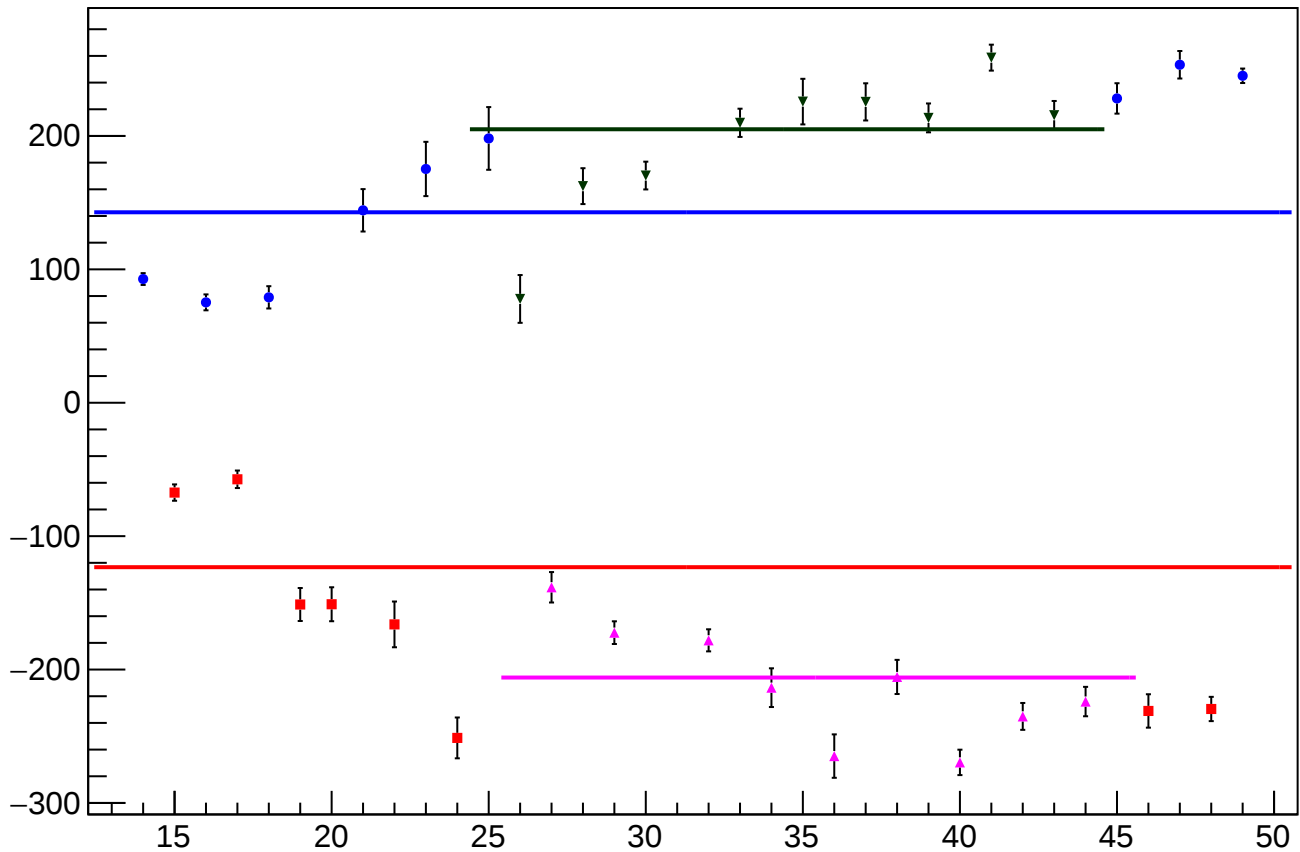
Left Out: -11.409 ± 0.671 χ^2/NDF : 182.6/8

Right Out: -1.956 ± 0.778 χ^2/NDF : 100.0/7

Left In: 6.549 ± 0.668 χ^2/NDF : 152.2/8

-0.492 ± 0.343 χ^2/NDF : 1070.0/34

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 142.781 $\pm$ 2.558 χ^2 /NDF: 849.8/8

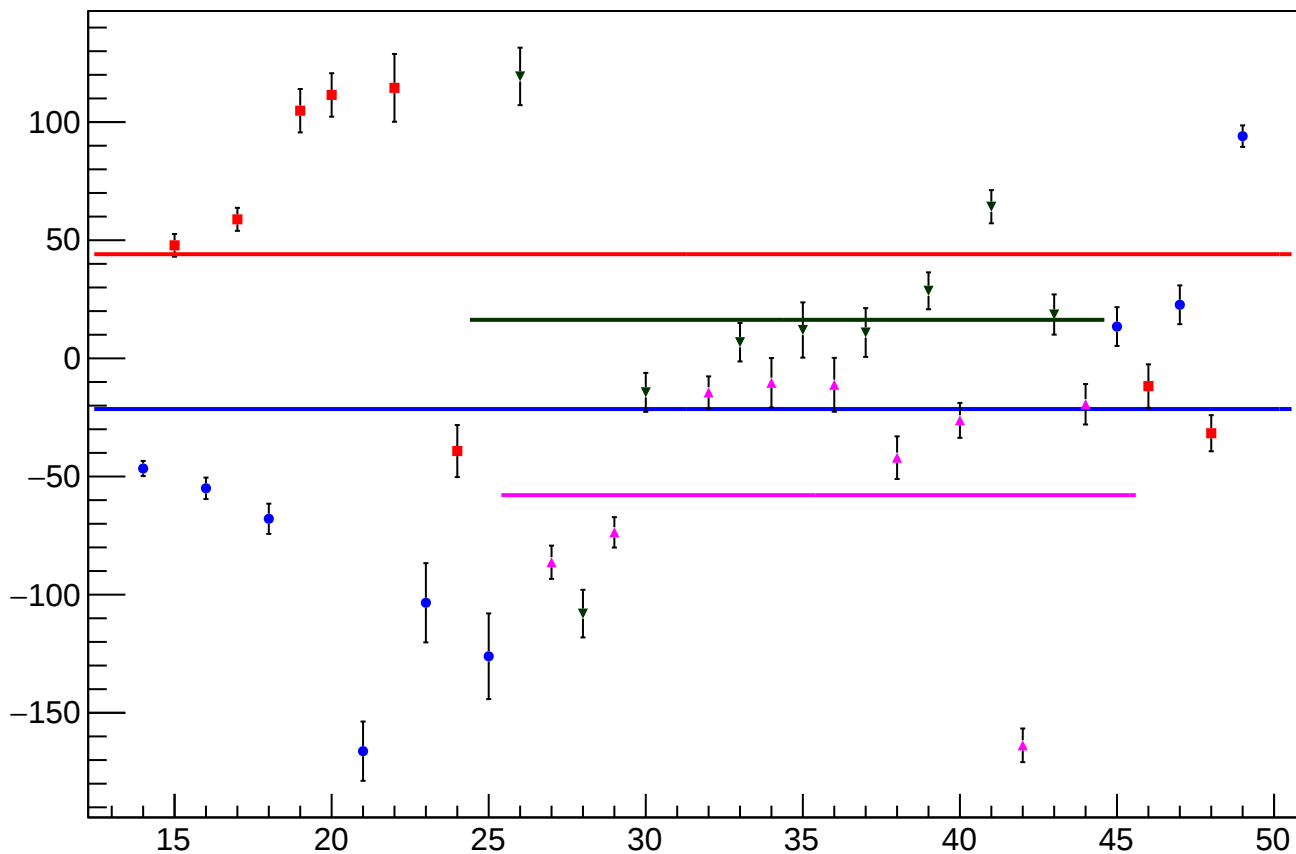
Left Out: 205.016 $\pm$ 3.976 χ^2 /NDF:107.5/8

Right Out: -123.262 $\pm$ 3.358 χ^2 /NDF: 480.8/7

Left In: -205.989 $\pm$ 3.539 χ^2 /NDF:131.2/8

19.264 $\pm$ 1.613 χ^2 /NDF: 11935.0/34

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -21.443 ± 1.956 $\chi^2/\text{NDF}: 1050.4/8$

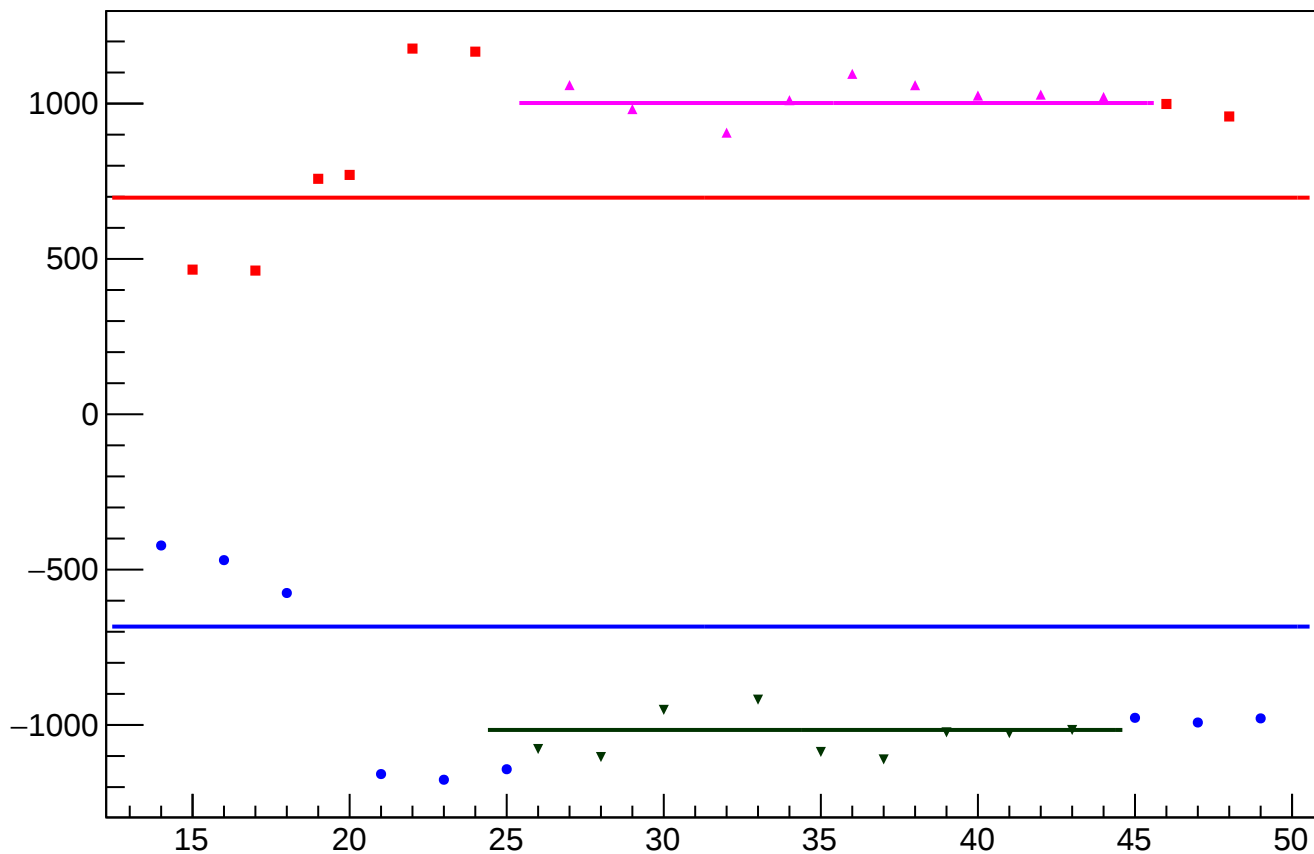
Left Out: 16.311 ± 2.966 $\chi^2/\text{NDF}: 288.5/8$

Right Out: 44.083 ± 2.571 $\chi^2/\text{NDF}: 323.7/7$

Left In: -57.884 ± 2.609 $\chi^2/\text{NDF}: 363.4/8$

-8.291 ± 1.219 $\chi^2/\text{NDF}: 2916.4/34$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -683.350+/-0.489 χ^2/NDF : 318976.9/8

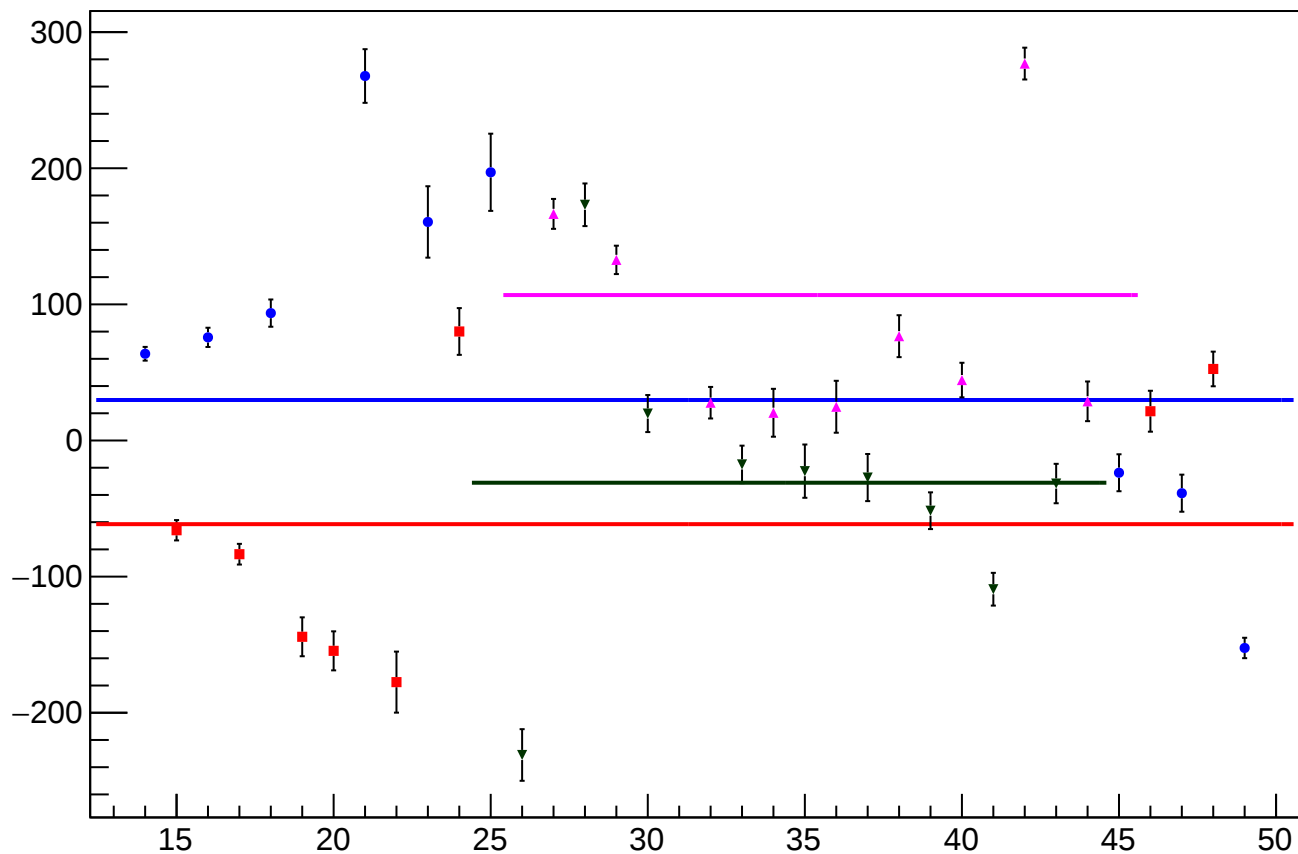
Left Out: -1016.038+/-0.663 χ^2/NDF : 9076.6/8

Right Out: 697.210+/-0.628 χ^2/NDF : 175274.3/7

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-57.600+/-0.292 χ^2/NDF : 8731117.9/34

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 29.750+/-3.113 χ^2/NDF : 965.7/8

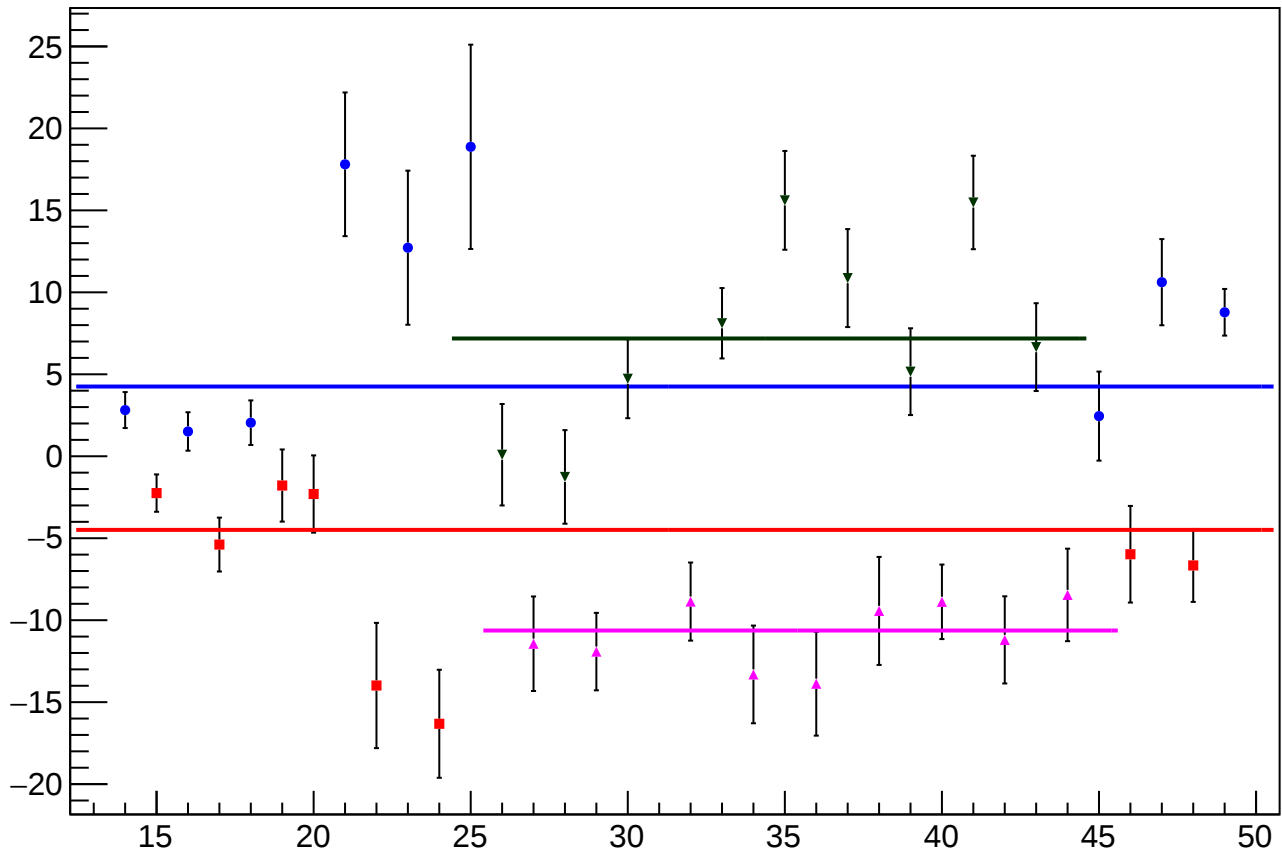
Left Out: -31.022+/-4.960 χ^2/NDF : 340.9/8

Right Out: -61.458+/-4.050 χ^2/NDF : 289.9/7

Left In: 106.845+/-4.330 χ^2/NDF : 393.2/8

14.571+/-1.968 χ^2/NDF : 2904.6/34

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 4.254 ± 0.578 $\chi^2/\text{NDF}: 44.6/8$

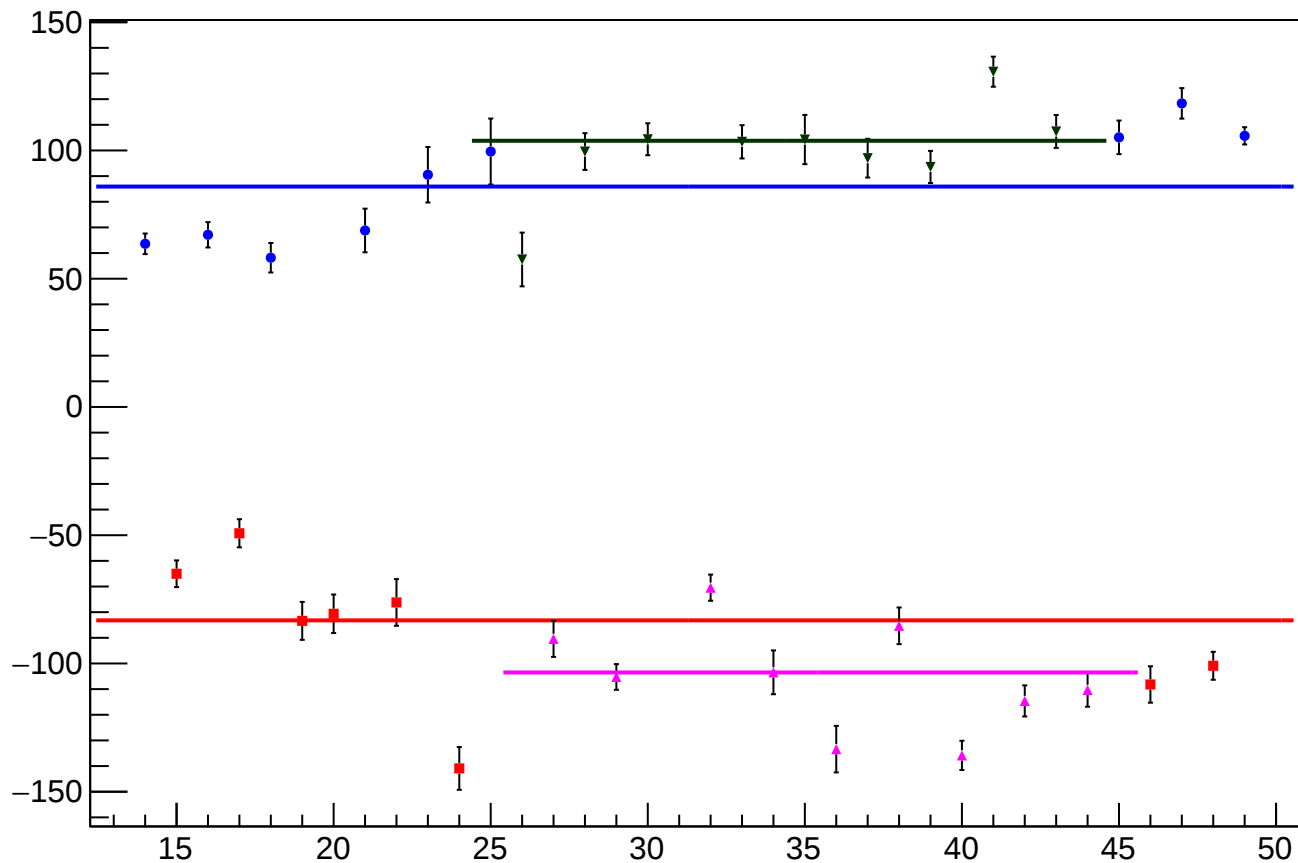
Left Out: 7.185 ± 0.897 $\chi^2/\text{NDF}: 33.7/8$

Right Out: -4.491 ± 0.706 $\chi^2/\text{NDF}: 26.8/7$

Left In: -10.630 ± 0.898 $\chi^2/\text{NDF}: 4.1/8$

-0.068 ± 0.366 $\chi^2/\text{NDF}: 408.2/34$

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 85.927 ± 1.822 $\chi^2/\text{NDF}: 146.8/8$

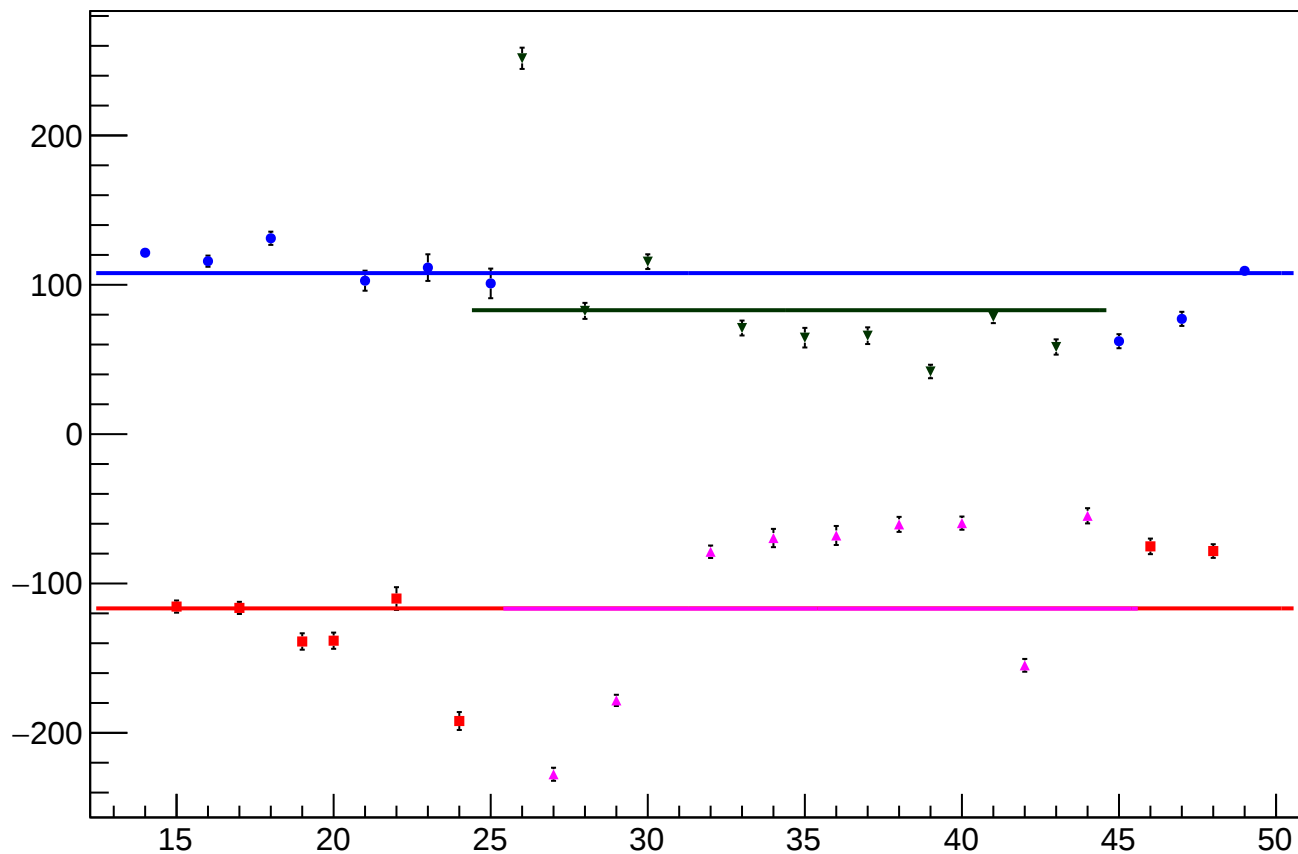
Left Out: 103.778 ± 2.323 $\chi^2/\text{NDF}: 44.8/8$

Right Out: -83.196 ± 2.318 $\chi^2/\text{NDF}: 122.1/7$

Left In: -103.505 ± 2.108 $\chi^2/\text{NDF}: 99.4/8$

7.085 ± 1.055 $\chi^2/\text{NDF}: 8287.6/34$

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 107.823 ± 1.414 $\chi^2/\text{NDF}: 191.7/8$

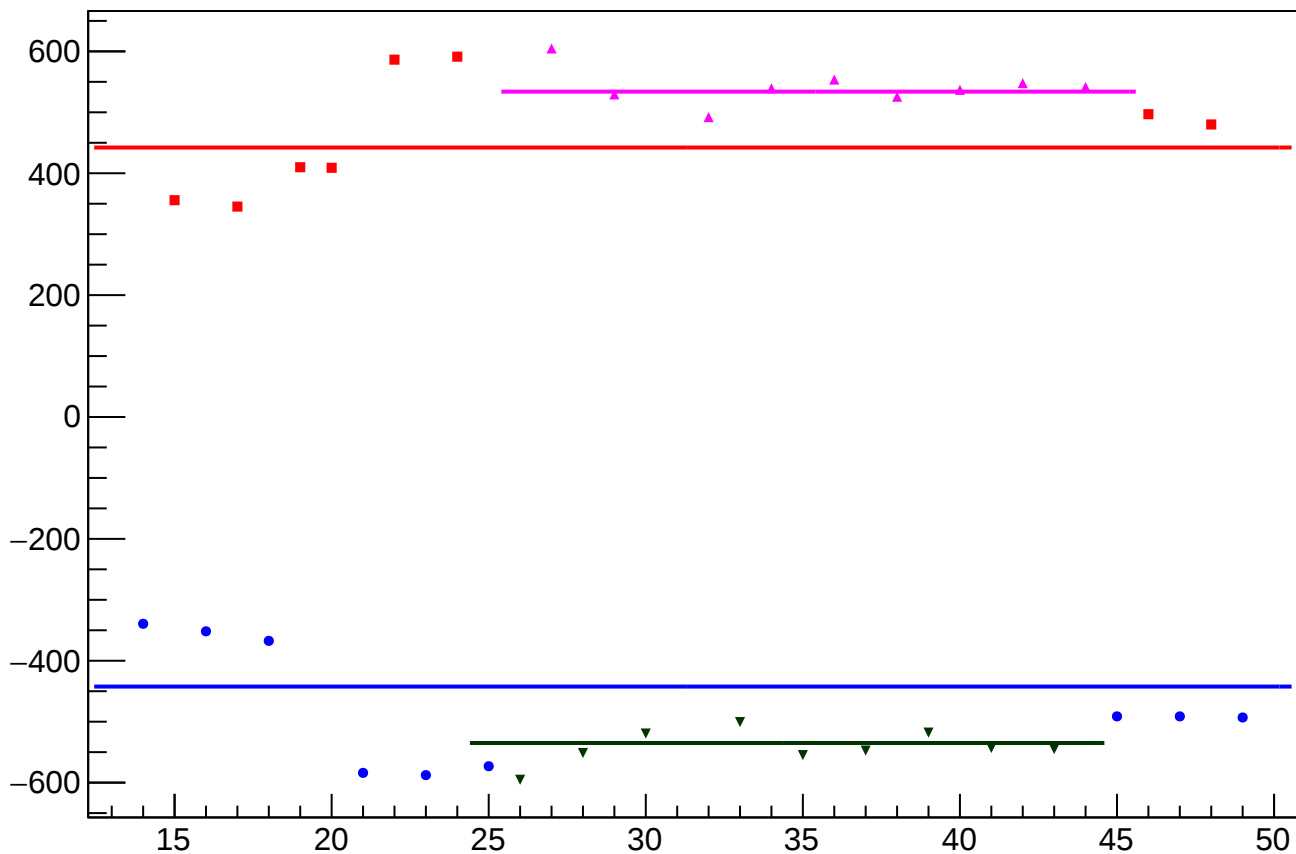
Left Out: 82.987 ± 1.731 $\chi^2/\text{NDF}: 733.8/8$

Right Out: -116.666 ± 1.776 $\chi^2/\text{NDF}: 324.8/7$

Left In: -116.837 ± 1.553 $\chi^2/\text{NDF}: 1630.8/8$

-2.437 ± 0.799 $\chi^2/\text{NDF}: 20962.4/34$

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -442.365+/-0.344 χ^2/NDF : 58982.0/8

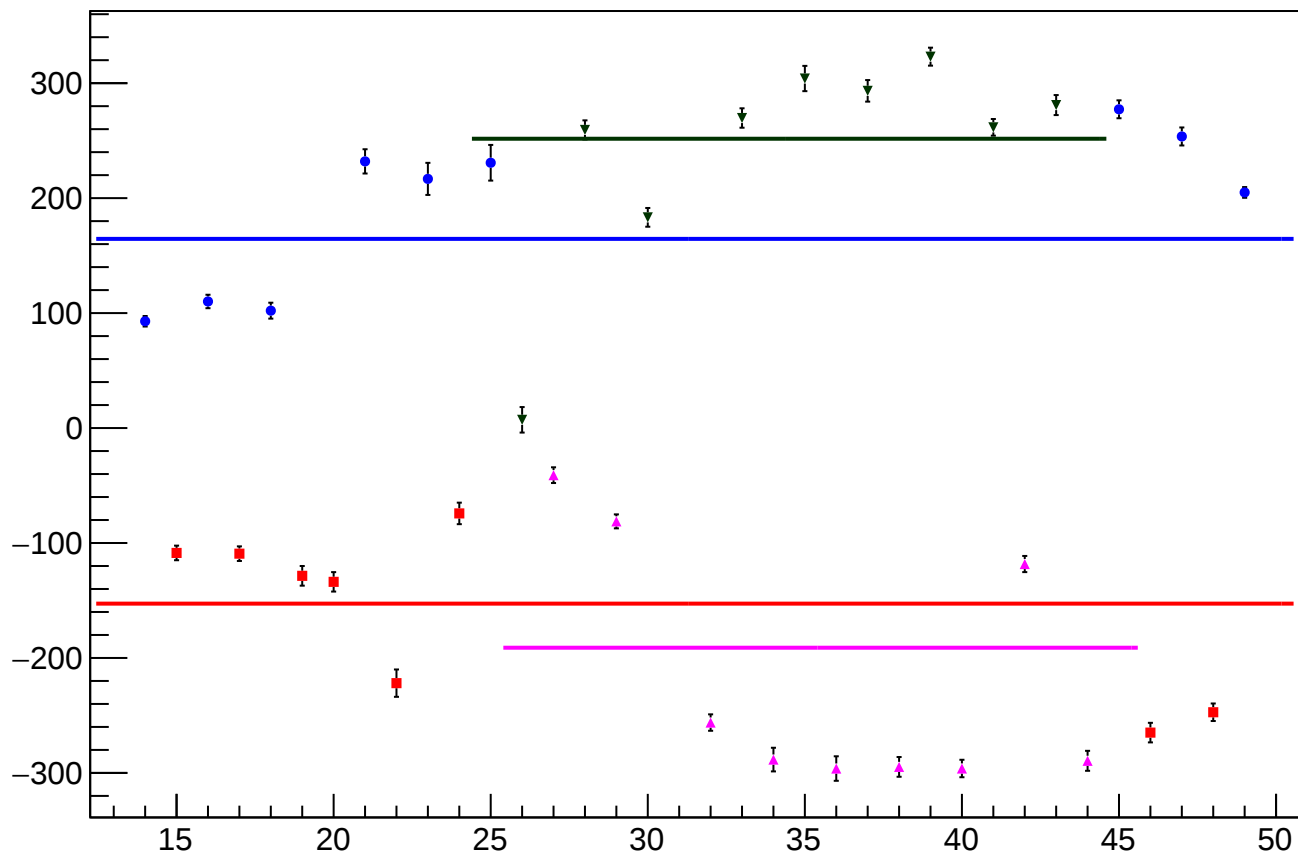
Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

Right Out: 442.222+/-0.427 χ^2/NDF : 37590.2/7

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-27.524+/-0.188 χ^2/NDF : 6904572.4/34

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 164.555 ± 2.264 χ^2/NDF : 900.6/8

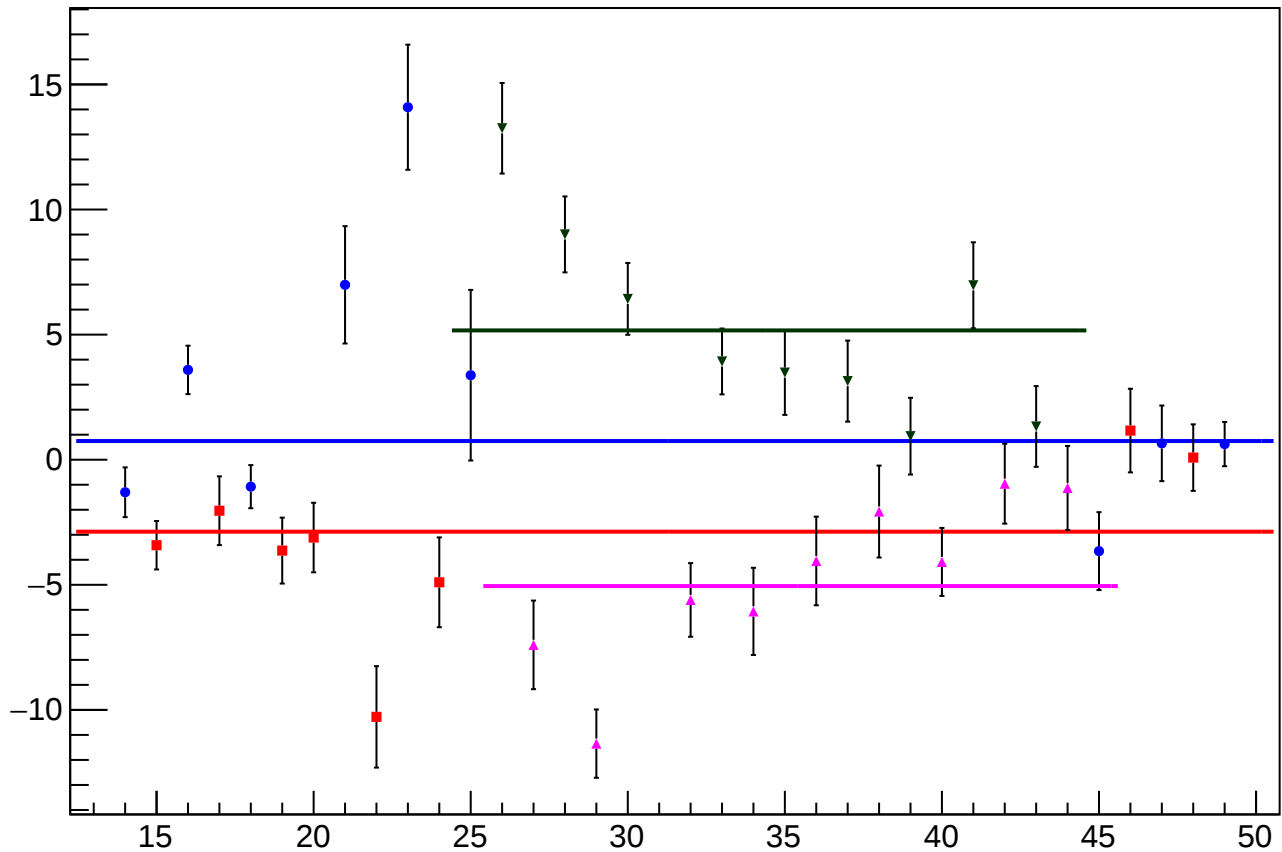
Left Out: 251.665 ± 2.888 χ^2/NDF : 700.3/8

Right Out: -152.740 ± 2.810 χ^2/NDF : 539.4/7

Left In: -191.089 ± 2.577 χ^2/NDF : 1650.2/8

23.860 ± 1.299 χ^2/NDF : 24781.4/34

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.747 ± 0.409 χ^2/NDF : 61.5/8

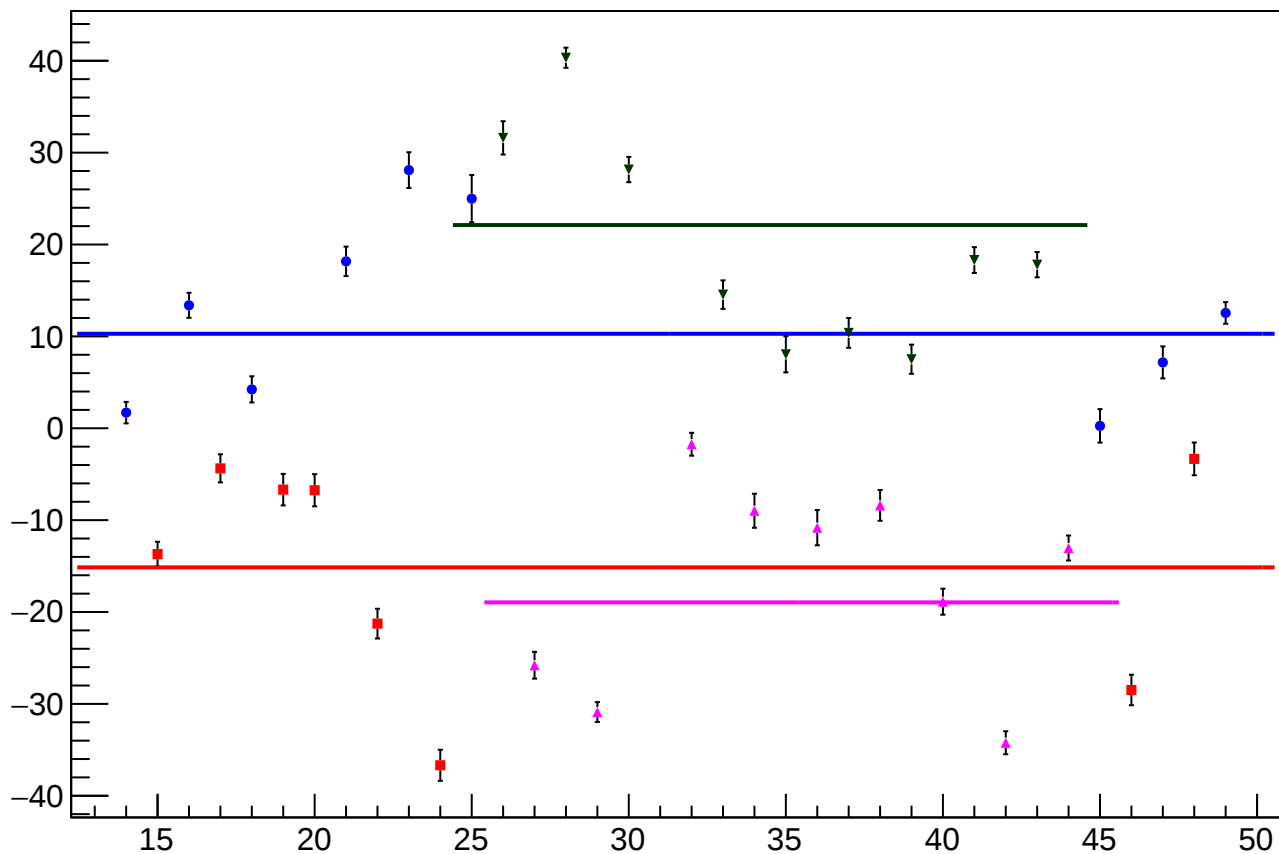
Left Out: 5.168 ± 0.521 χ^2/NDF : 44.9/8

-0.369 ± 0.240 χ^2/NDF : 396.1/34

Right Out: -2.876 ± 0.490 χ^2/NDF : 26.5/7

Left In: -5.051 ± 0.531 χ^2/NDF : 39.0/8

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 10.285 ± 0.505 $\chi^2/\text{NDF}: 255.1/8$

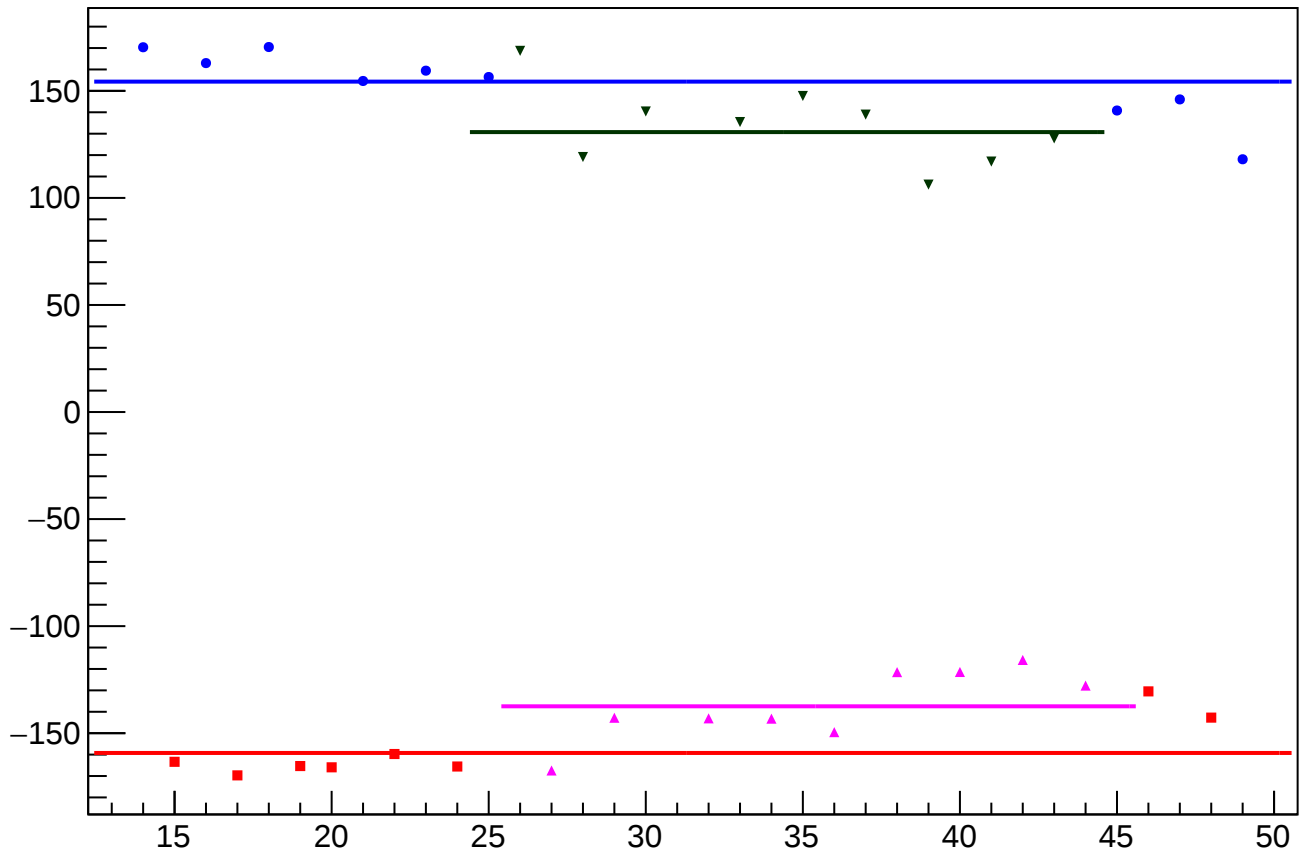
Left Out: 22.117 ± 0.491 $\chi^2/\text{NDF}: 551.8/8$

Right Out: -15.137 ± 0.572 $\chi^2/\text{NDF}: 383.7/7$

Left In: -18.949 ± 0.468 $\chi^2/\text{NDF}: 590.0/8$

-0.051 ± 0.252 $\chi^2/\text{NDF}: 6567.8/34$

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 154.317 $\pm$ 0.393 χ^2 /NDF: 2042.7/8

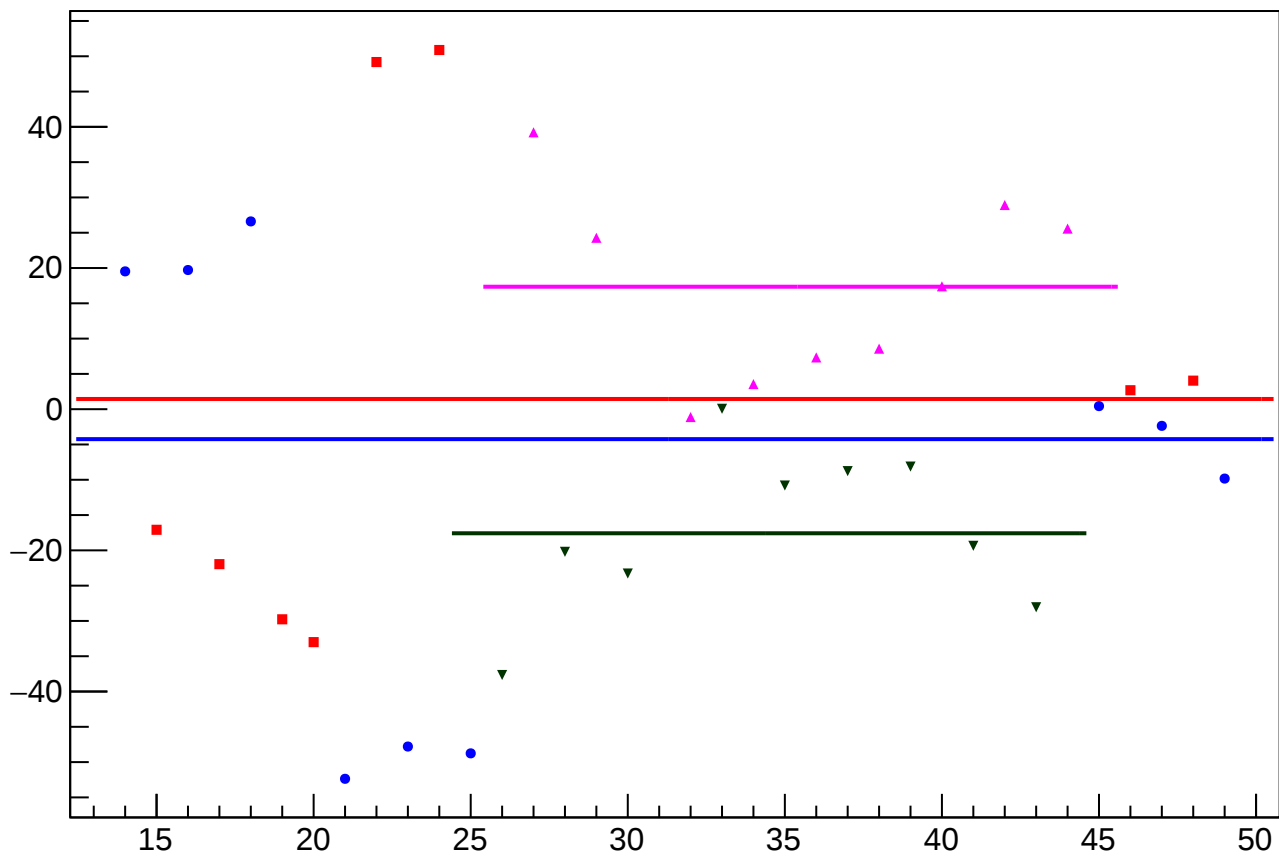
Left Out: 130.746 $\pm$ 0.370 χ^2 /NDF: 2040.6/8

Right Out: -159.232 $\pm$ 0.439 χ^2 /NDF: 791.3/7

Left In: -137.445 $\pm$ 0.345 χ^2 /NDF: 2221.8/8

-1.051 $\pm$ 0.191 χ^2 /NDF: 575404.5/34

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -4.244+/-0.094 χ^2/NDF : 87256.8/8

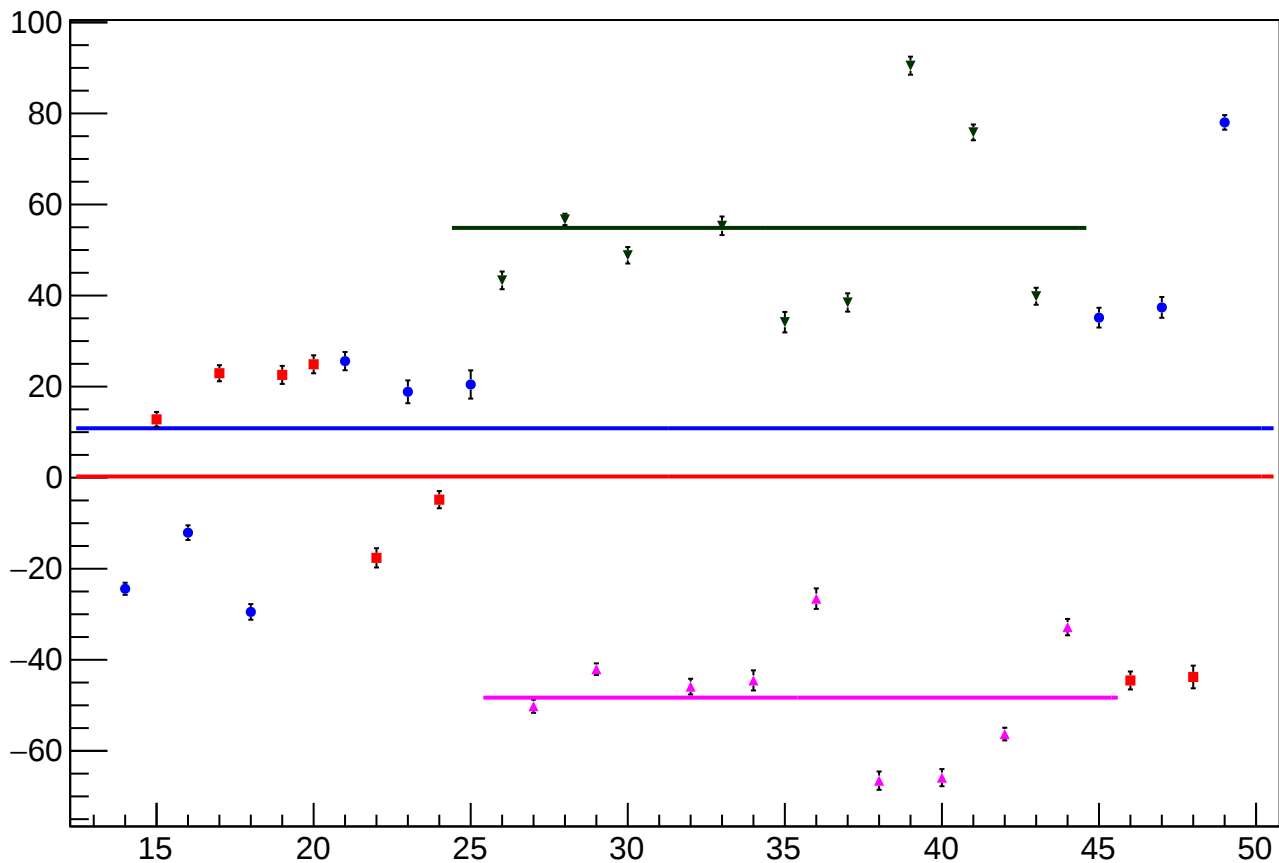
Left Out: -17.579+/-0.083 χ^2/NDF :15734.3/8

Right Out: 1.448+/-0.105 χ^2/NDF : 81910.9/7

Left In: 17.353+/-0.080 χ^2/NDF :25926.3/8

-0.461+/-0.044 χ^2/NDF : 305059.8/34

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 10.851+/-0.621 χ^2/NDF : 3548.3/8

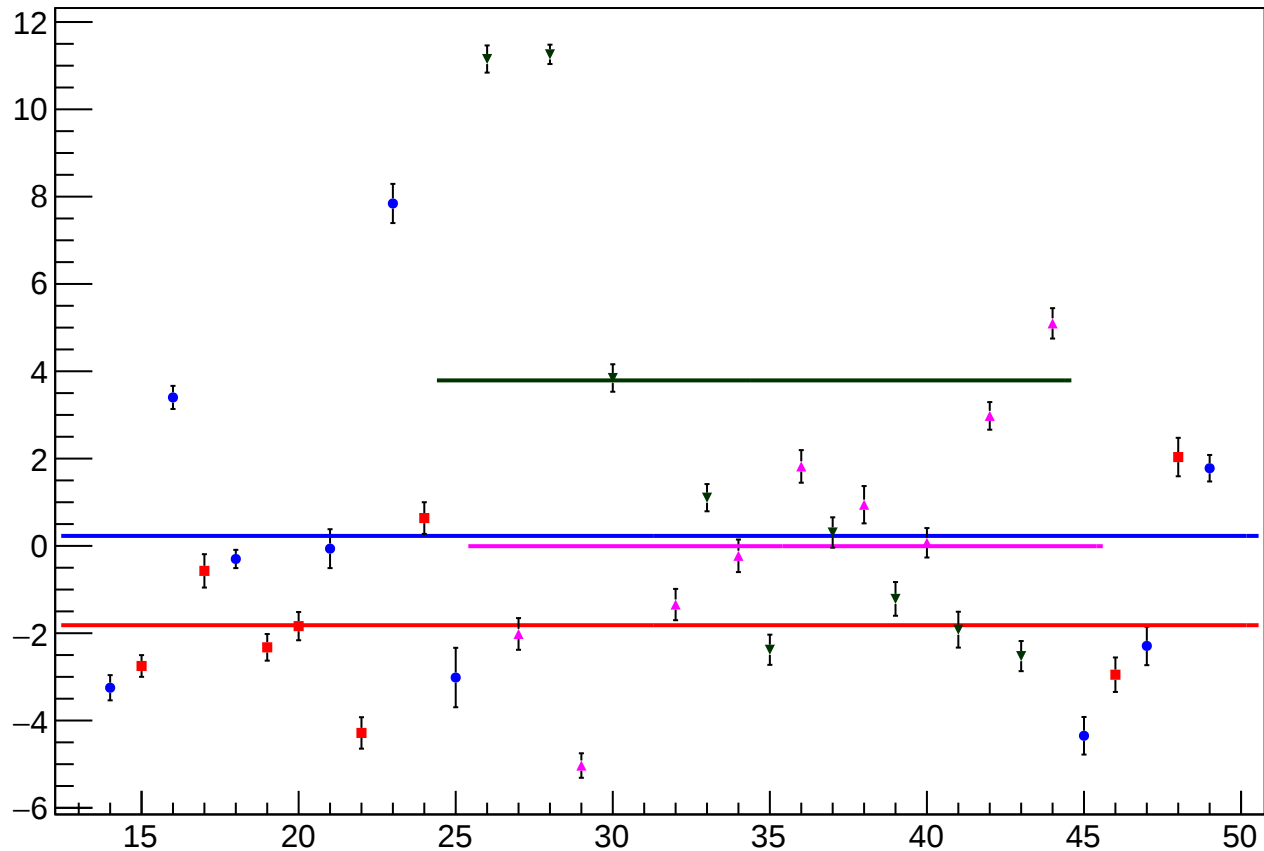
Left Out: 54.857+/-0.602 χ^2/NDF : 733.3/8

Right Out: 0.259+/-0.685 χ^2/NDF : 1413.9/7

Left In: -48.311+/-0.562 χ^2/NDF : 400.4/8

2.543+/-0.306 χ^2/NDF : 22051.0/34

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 0.229 ± 0.110 χ^2/NDF : 777.8/8

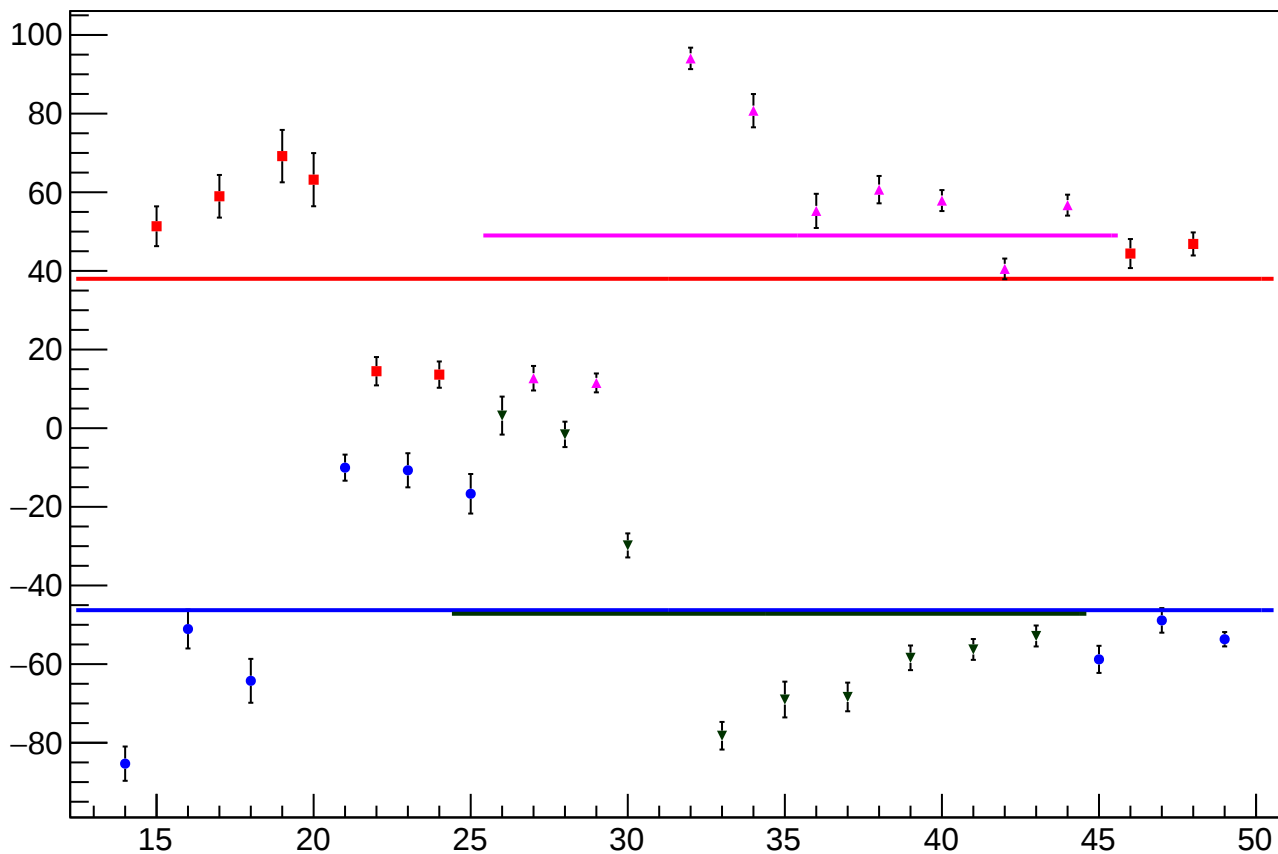
Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

Right Out: -1.817 ± 0.119 χ^2/NDF : 204.9/7

Left In: -0.006 ± 0.116 χ^2/NDF : 698.3/8

0.718 ± 0.056 χ^2/NDF : 5912.4/34

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -46.280 $\pm$ 1.122 χ^2 /NDF: 343.0/8

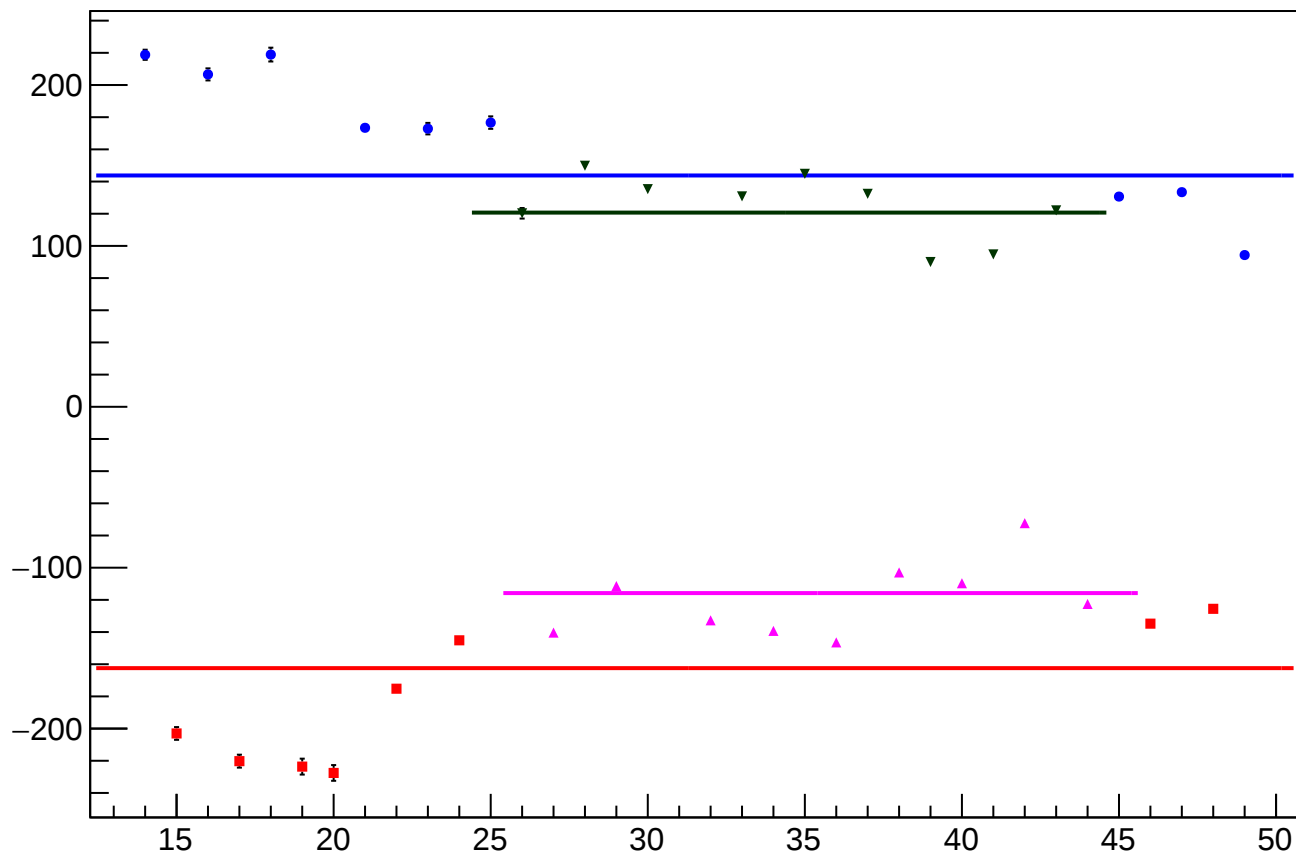
Left Out: -47.193 $\pm$ 1.094 χ^2 /NDF: 504.1/8

Right Out: 37.991 $\pm$ 1.453 χ^2 /NDF: 165.6/7

Left In: 49.009 $\pm$ 0.986 χ^2 /NDF: 751.0/8

-2.493 $\pm$ 0.565 χ^2 /NDF: 8459.9/34

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 143.775 $\pm$ 0.890 χ^2 /NDF: 2498.1/8

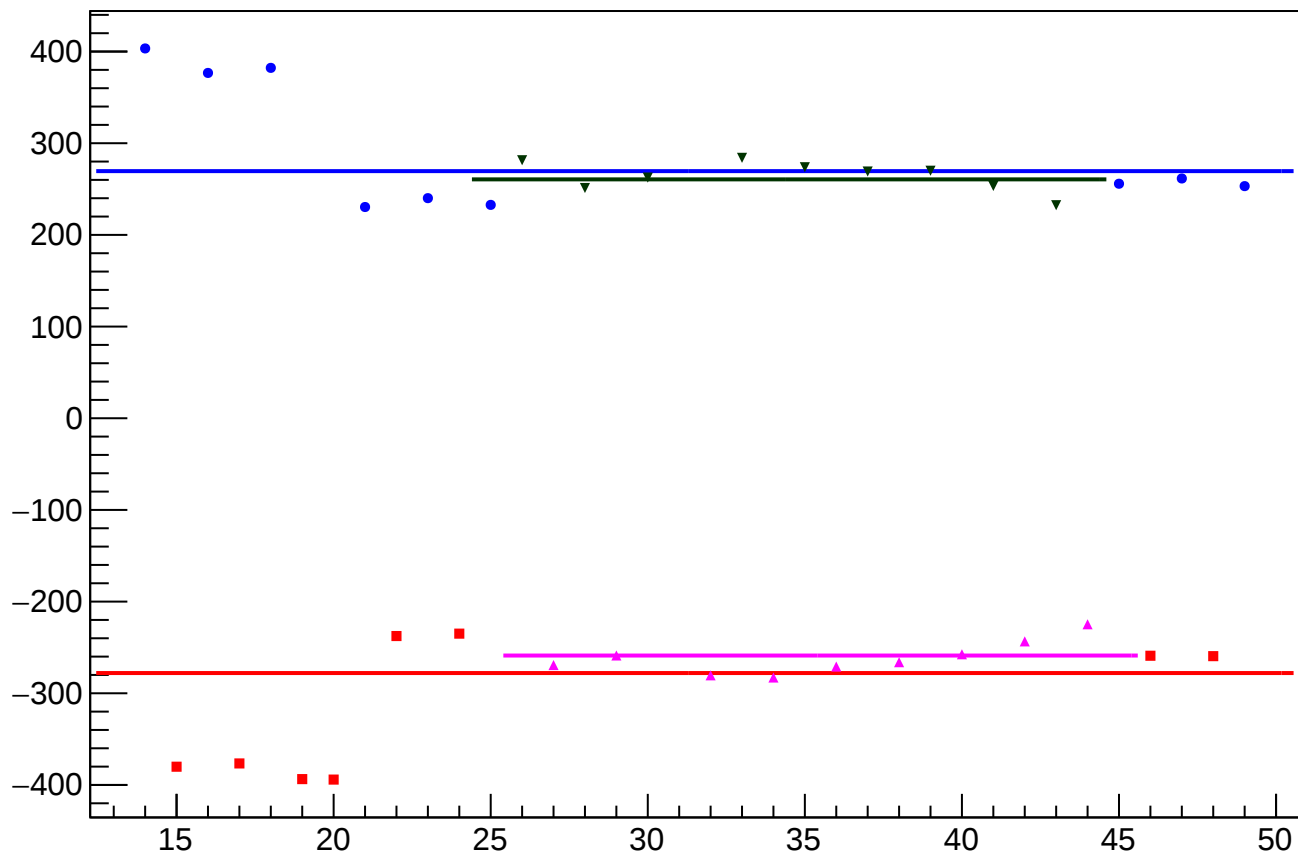
Left Out: 120.704 $\pm$ 0.817 χ^2 /NDF: 639.7/8

Right Out: -162.428 $\pm$ 1.124 χ^2 /NDF: 1039.2/7

Left In: -115.783 $\pm$ 0.721 χ^2 /NDF: 983.2/8

2.100 $\pm$ 0.427 χ^2 /NDF: 99716.7/34

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 269.561 ± 0.207 $\chi^2/\text{NDF}: 58736.3/8$

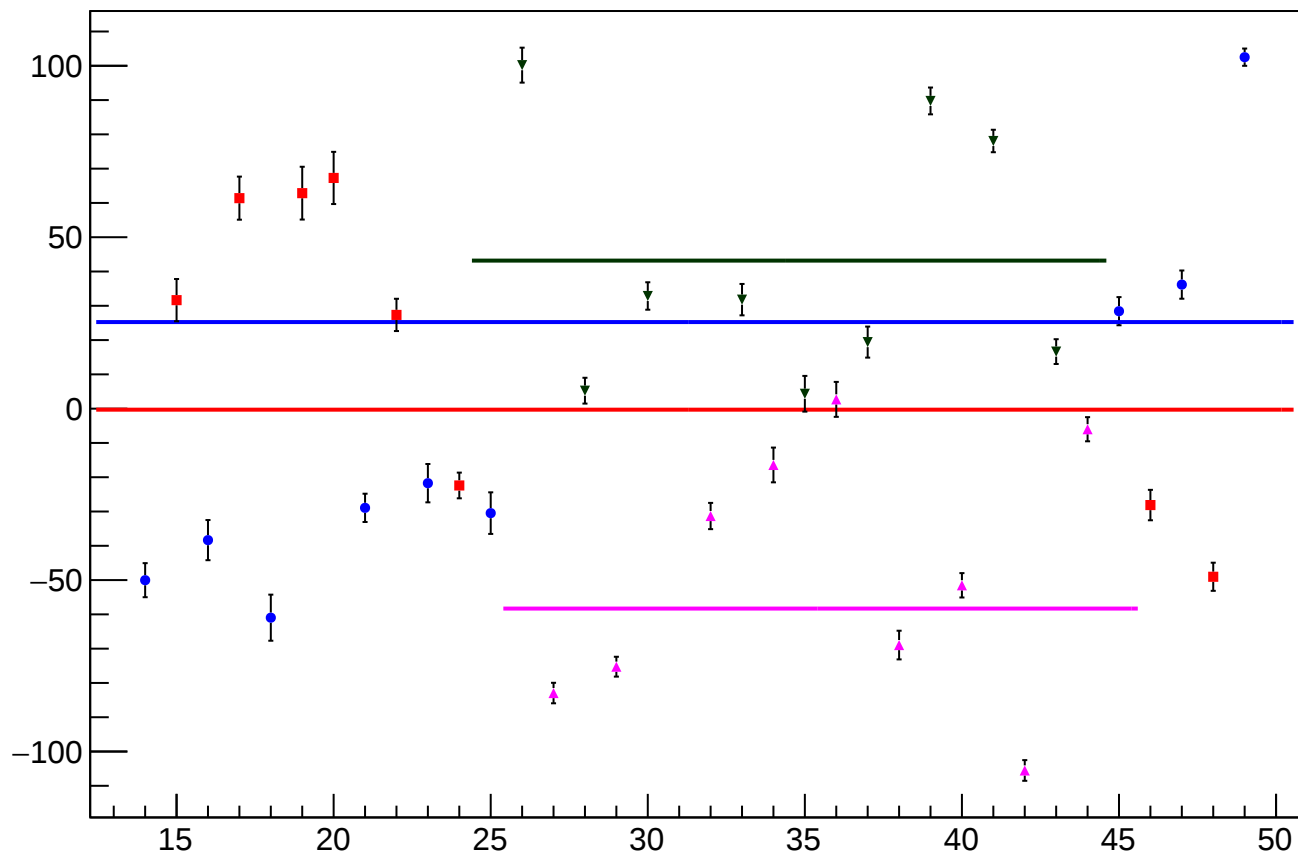
Left Out: 260.566 ± 0.183 $\chi^2/\text{NDF}: 7890.4/8$

9.193 ± 0.099 $\chi^2/\text{NDF}: 7286871.2/34$

Right Out: -277.931 ± 0.260 $\chi^2/\text{NDF}: 46292.7/7$

Left In: -258.829 ± 0.170 $\chi^2/\text{NDF}: 11543.7/8$

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 25.254+/-1.435 χ^2/NDF : 1788.9/8

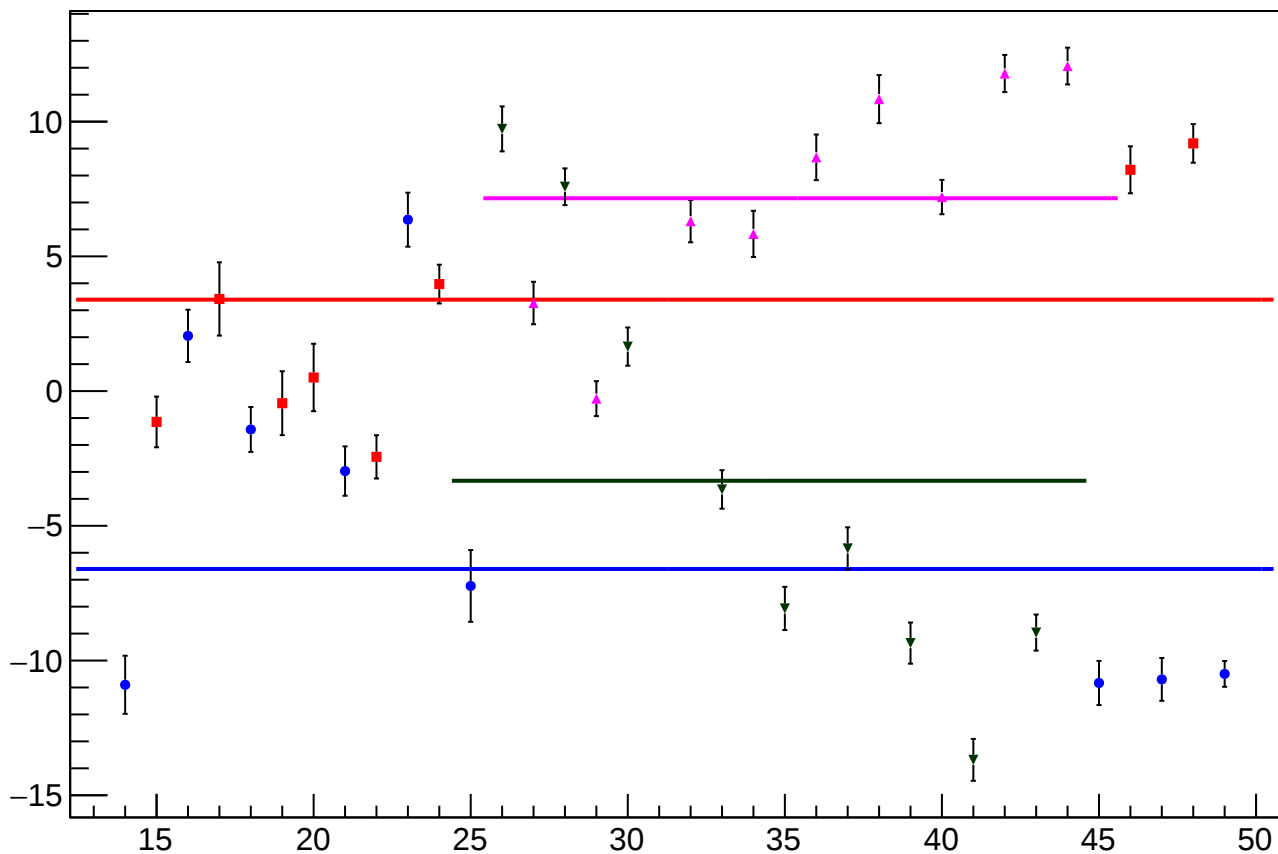
Left Out: 43.180+/-1.361 χ^2/NDF : 631.7/8

Right Out: -0.298+/-1.789 χ^2/NDF : 519.1/7

Left In: -58.309+/-1.192 χ^2/NDF : 839.2/8

-2.709+/-0.700 χ^2/NDF : 7472.4/34

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -6.602 ± 0.272 $\chi^2/\text{NDF}: 436.9/8$

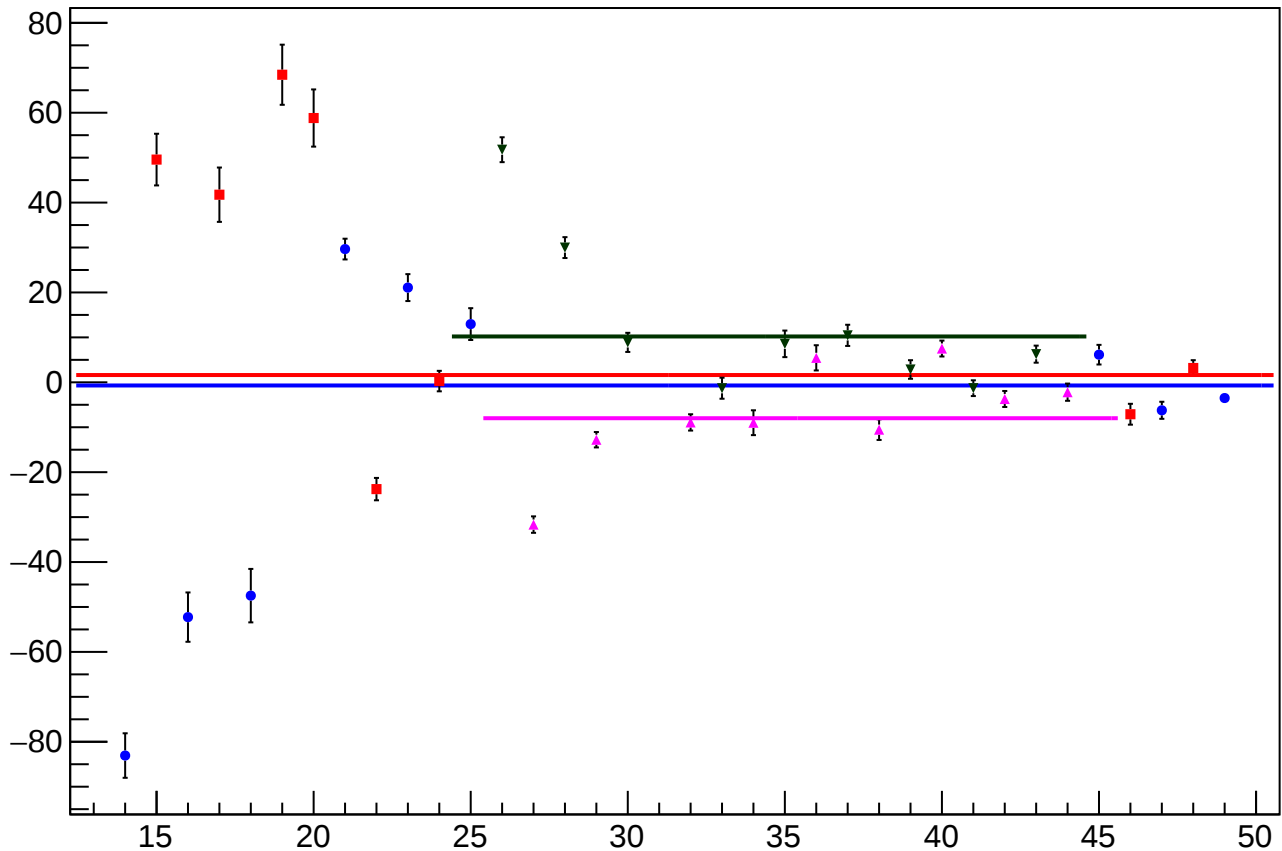
Left Out: -3.328 ± 0.248 $\chi^2/\text{NDF}: 906.6/8$

Right Out: 3.394 ± 0.320 $\chi^2/\text{NDF}: 188.5/7$

Left In: 7.157 ± 0.247 $\chi^2/\text{NDF}: 276.6/8$

0.113 ± 0.134 $\chi^2/\text{NDF}: 3529.6/34$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.704 ± 0.717 χ^2/NDF : 693.3/8

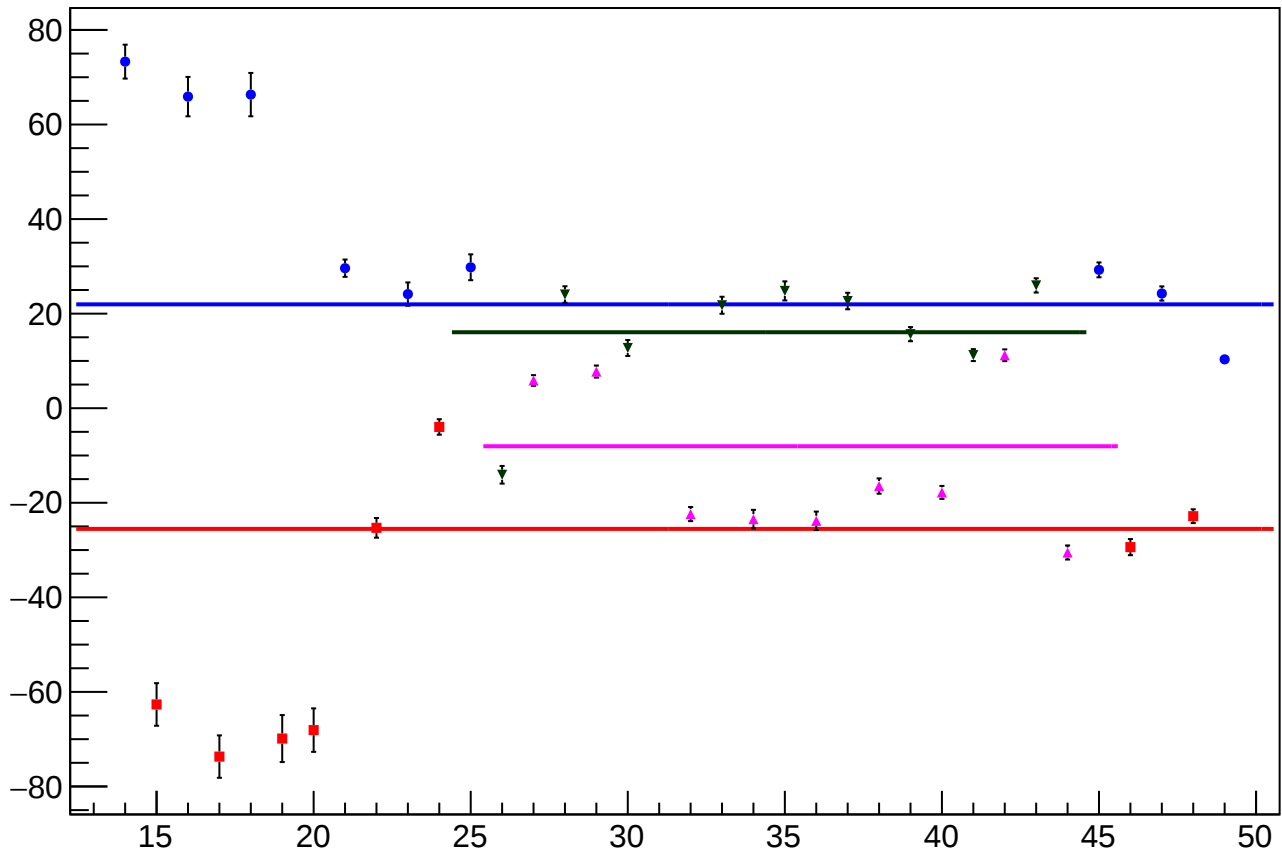
Left Out: 10.204 ± 0.735 χ^2/NDF : 382.8/8

Right Out: 1.620 ± 1.012 χ^2/NDF : 413.3/7

Left In: -7.990 ± 0.660 χ^2/NDF : 291.3/8

0.103 ± 0.376 χ^2/NDF : 2123.4/34

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 21.965 $\pm$ 0.575 χ^2 /NDF: 649.2/8

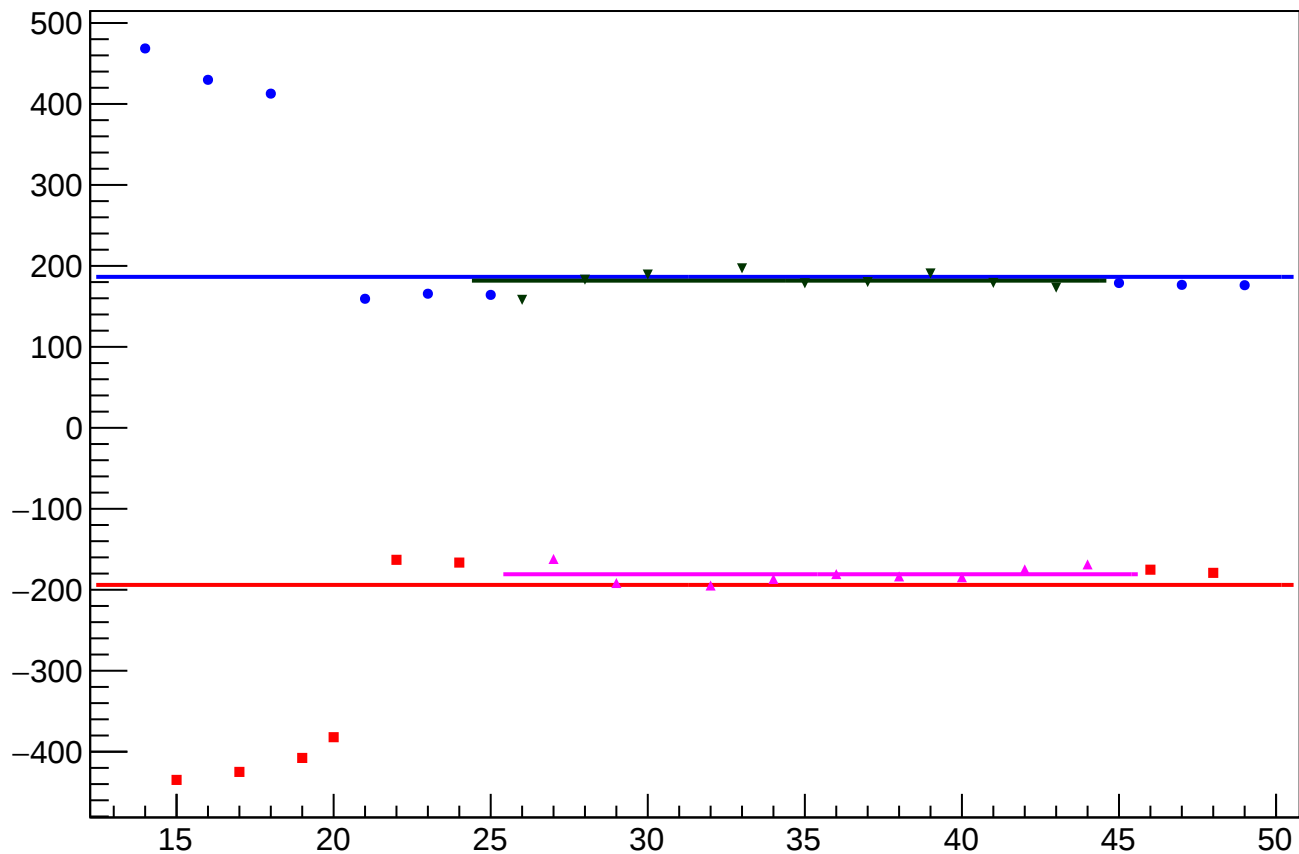
Left Out: 16.069 $\pm$ 0.546 χ^2 /NDF: 386.1/8

Right Out: -25.523 $\pm$ 0.790 χ^2 /NDF: 530.2/7

Left In: -8.048 $\pm$ 0.478 χ^2 /NDF: 1067.9/8

3.582 $\pm$ 0.284 χ^2 /NDF: 6128.0/34

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 186.462+/-0.134 χ^2/NDF : 188308.6/8

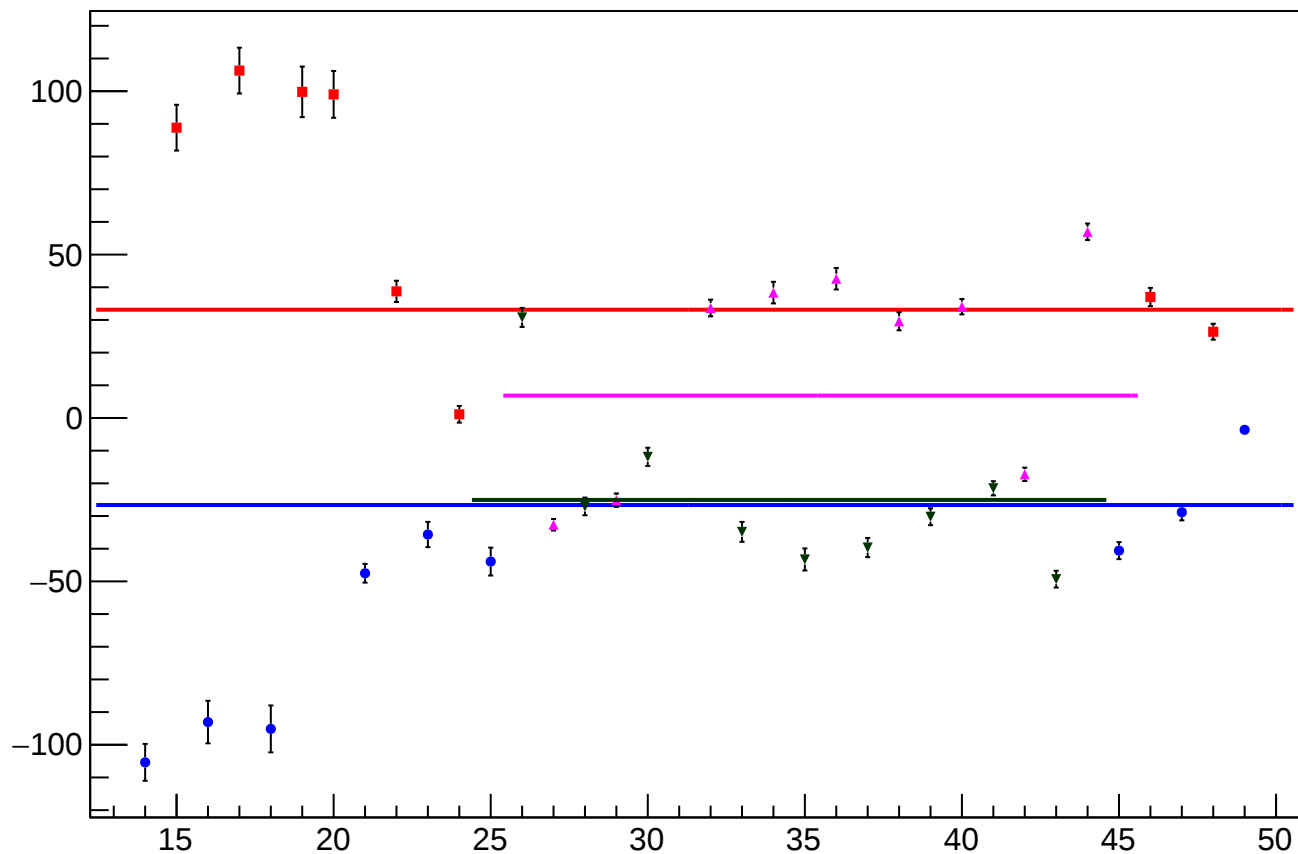
Left Out: 181.782+/-0.123 χ^2/NDF : 6553.1/8

Right Out: -193.997+/-0.178 χ^2/NDF : 149710.7/7

Left In: -180.835+/-0.114 χ^2/NDF : 8962.0/8

10.182+/-0.066 χ^2/NDF : 8182888.0/34

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -26.634 ± 0.936 χ^2/NDF : 767.4/8

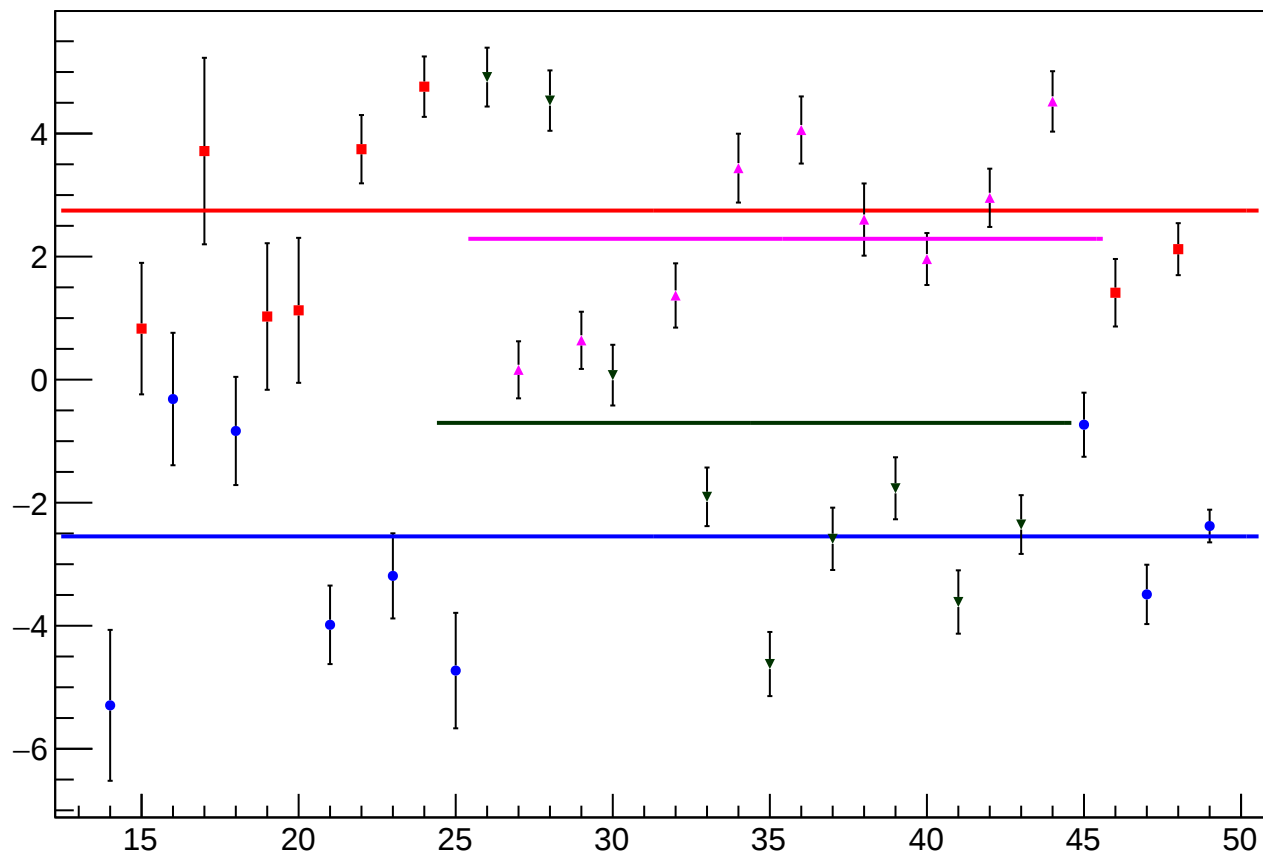
Left Out: -25.070 ± 0.909 χ^2/NDF : 550.5/8

Right Out: 33.127 ± 1.268 χ^2/NDF : 500.7/7

Left In: 6.850 ± 0.790 χ^2/NDF : 1794.2/8

-6.374 ± 0.468 χ^2/NDF : 5753.7/34

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.548 ± 0.181 χ^2/NDF : 40.8/8

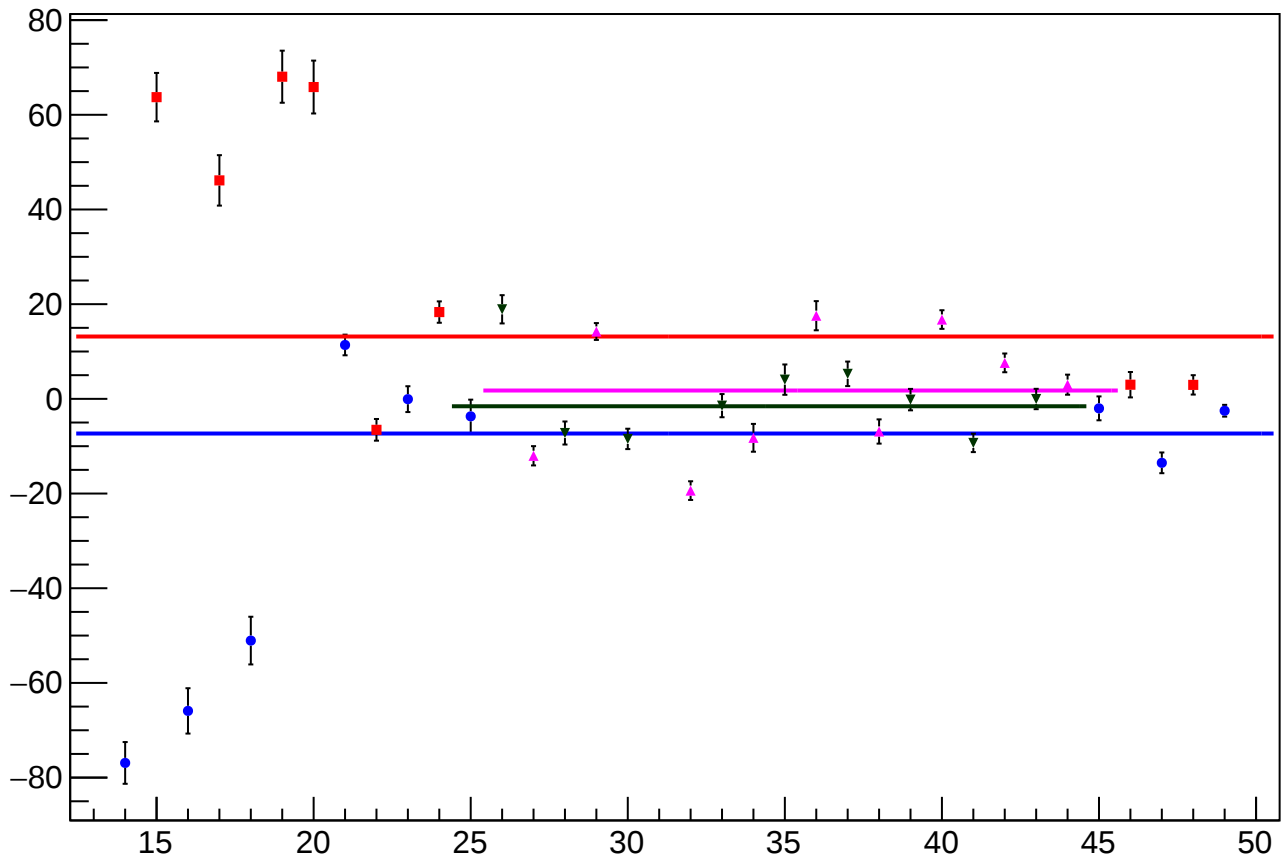
Left Out: -0.703 ± 0.165 χ^2/NDF : 379.5/8

Right Out: 2.748 ± 0.229 χ^2/NDF : 35.8/7

Left In: 2.289 ± 0.165 χ^2/NDF : 75.1/8

0.262 ± 0.090 χ^2/NDF : 1075.7/34

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -7.322 ± 0.797 χ^2/NDF : 583.2/8

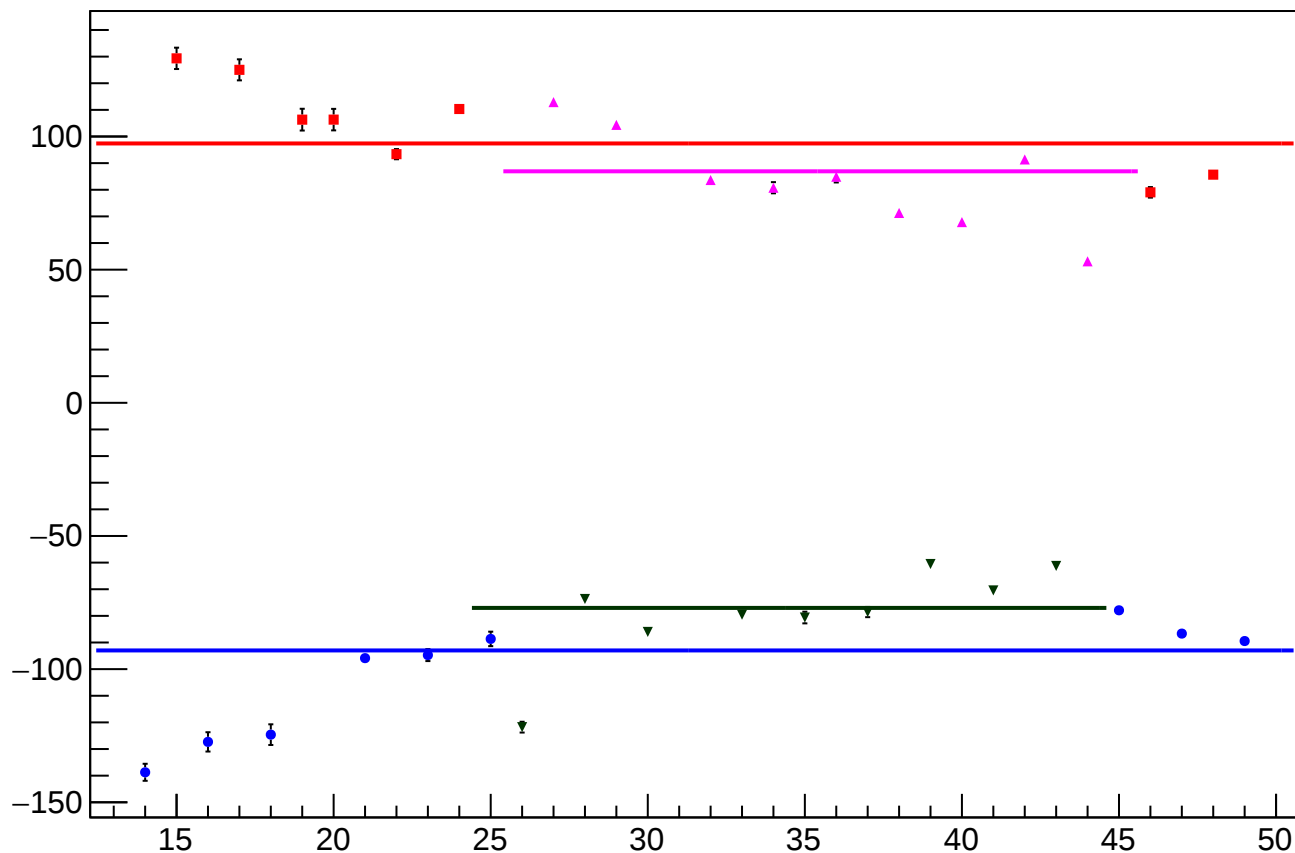
Left Out: -1.565 ± 0.794 χ^2/NDF : 89.6/8

Right Out: 13.168 ± 1.053 χ^2/NDF : 443.0/7

Left In: 1.762 ± 0.721 χ^2/NDF : 326.0/8

0.214 ± 0.409 χ^2/NDF : 1692.2/34

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -92.981 ± 0.637 $\chi^2/\text{NDF}: 460.6/8$

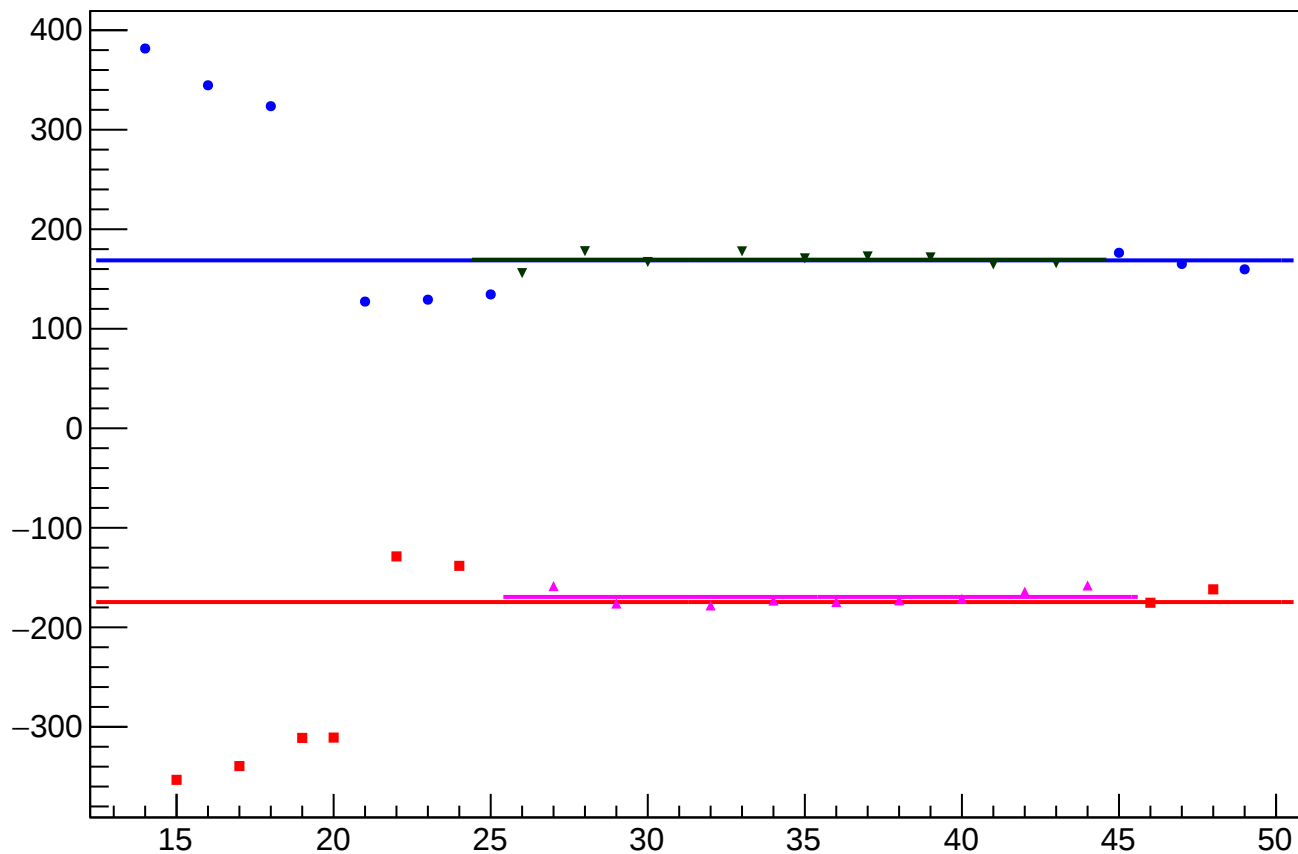
Left Out: -77.011 ± 0.590 $\chi^2/\text{NDF}: 732.4/8$

Right Out: 97.391 ± 0.818 $\chi^2/\text{NDF}: 322.9/7$

Left In: 86.926 ± 0.524 $\chi^2/\text{NDF}: 1272.9/8$

1.082 ± 0.309 $\chi^2/\text{NDF}: 82797.1/34$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 168.720 $\pm$ 0.147 χ^2 /NDF: 146517.1/8

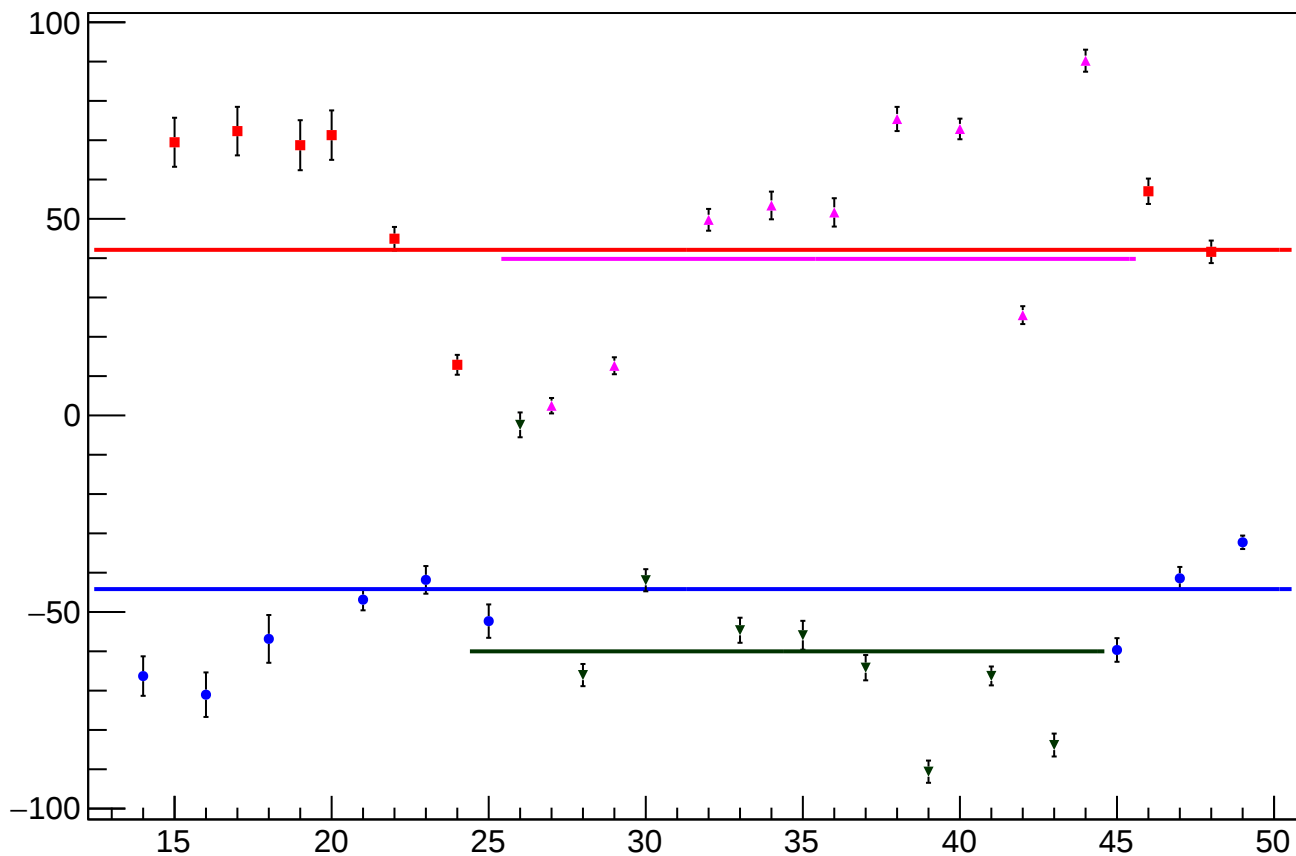
Left Out: 169.432 $\pm$ 0.133 χ^2 /NDF: 2111.0/8

Right Out: -174.619 $\pm$ 0.187 χ^2 /NDF: 111426.6/7

Left In: -169.441 $\pm$ 0.124 χ^2 /NDF: 3580.2/8

7.211 $\pm$ 0.071 χ^2 /NDF: 5934139.0/34

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -44.174 ± 1.030 χ^2/NDF : 127.2/8

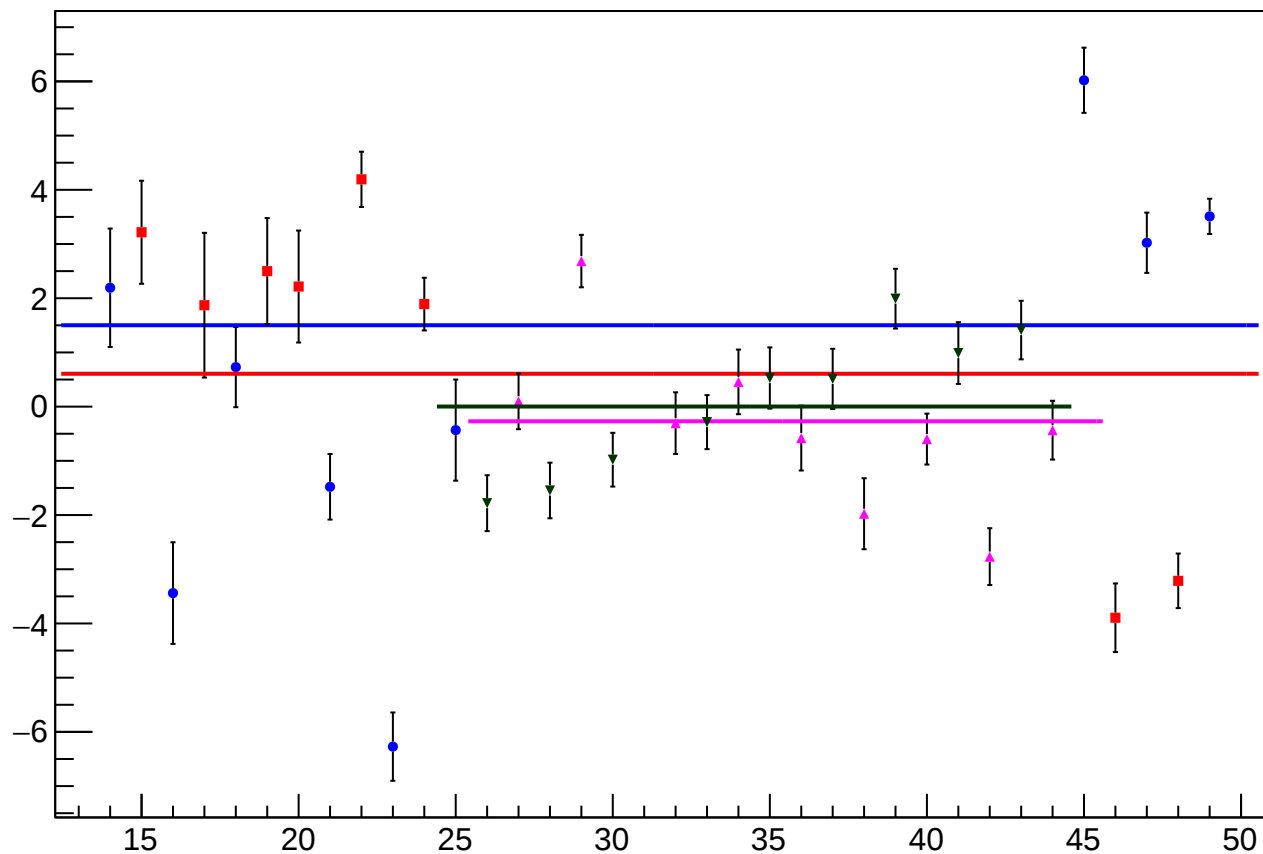
Left Out: -60.008 ± 0.982 χ^2/NDF : 574.8/8

Right Out: 42.118 ± 1.304 χ^2/NDF : 238.2/7

Left In: 39.813 ± 0.866 χ^2/NDF : 1214.8/8

-6.666 ± 0.506 χ^2/NDF : 10713.5/34

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 1.502 ± 0.197 χ^2/NDF : 312.1/8

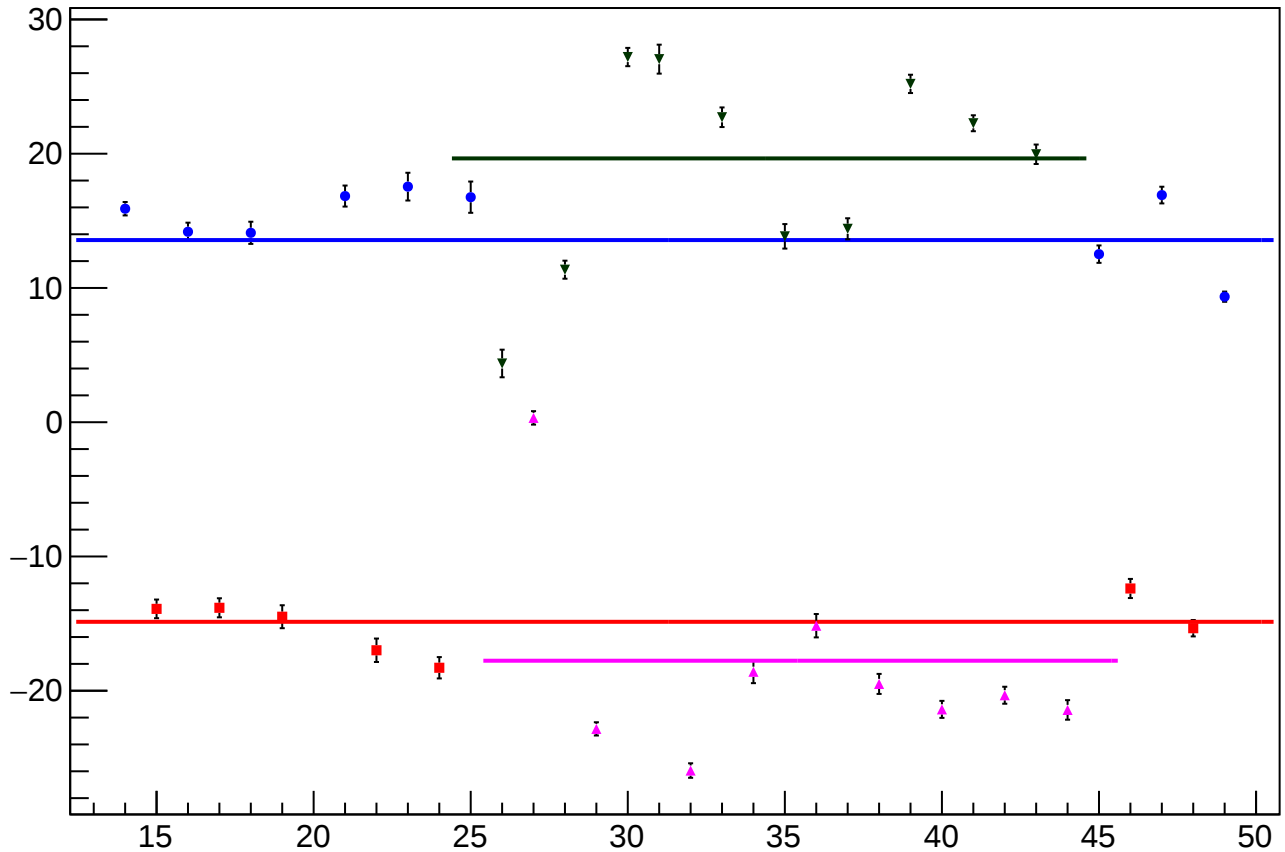
Left Out: 0.002 ± 0.177 χ^2/NDF : 49.9/8

Right Out: 0.606 ± 0.235 χ^2/NDF : 179.2/7

Left In: -0.270 ± 0.181 χ^2/NDF : 69.6/8

0.389 ± 0.097 χ^2/NDF : 661.6/34

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 13.567 $\pm$ 0.209 χ^2 /NDF: 217.3/8

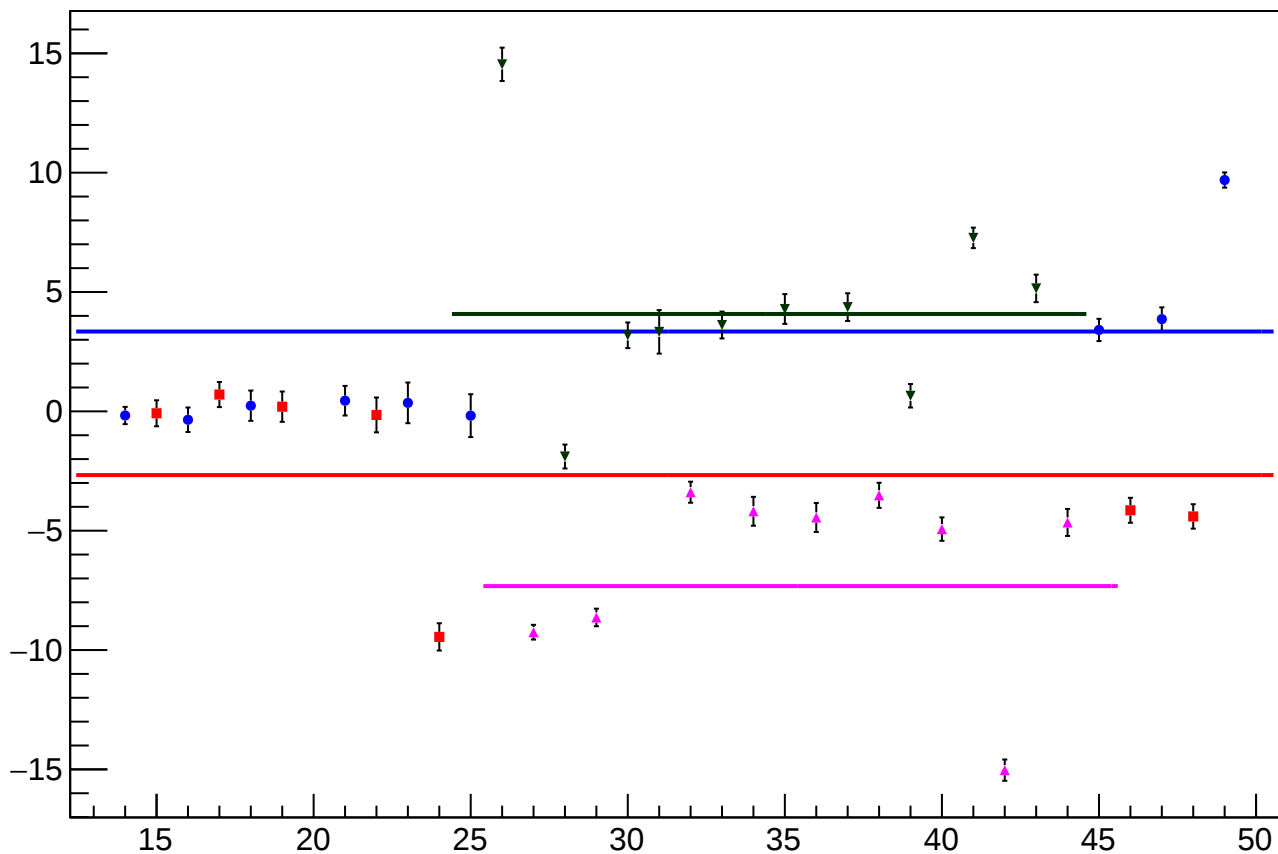
Left Out: 19.649 $\pm$ 0.237 χ^2 /NDF: 731.4/9

Right Out: -14.866 $\pm$ 0.278 χ^2 /NDF: 41.5/6

Left In: -17.765 $\pm$ 0.209 χ^2 /NDF: 1728.2/8

0.772 $\pm$ 0.114 χ^2 /NDF: 23824.0/34

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.345 $\pm$ 0.163 χ^2 /NDF: 615.8/8

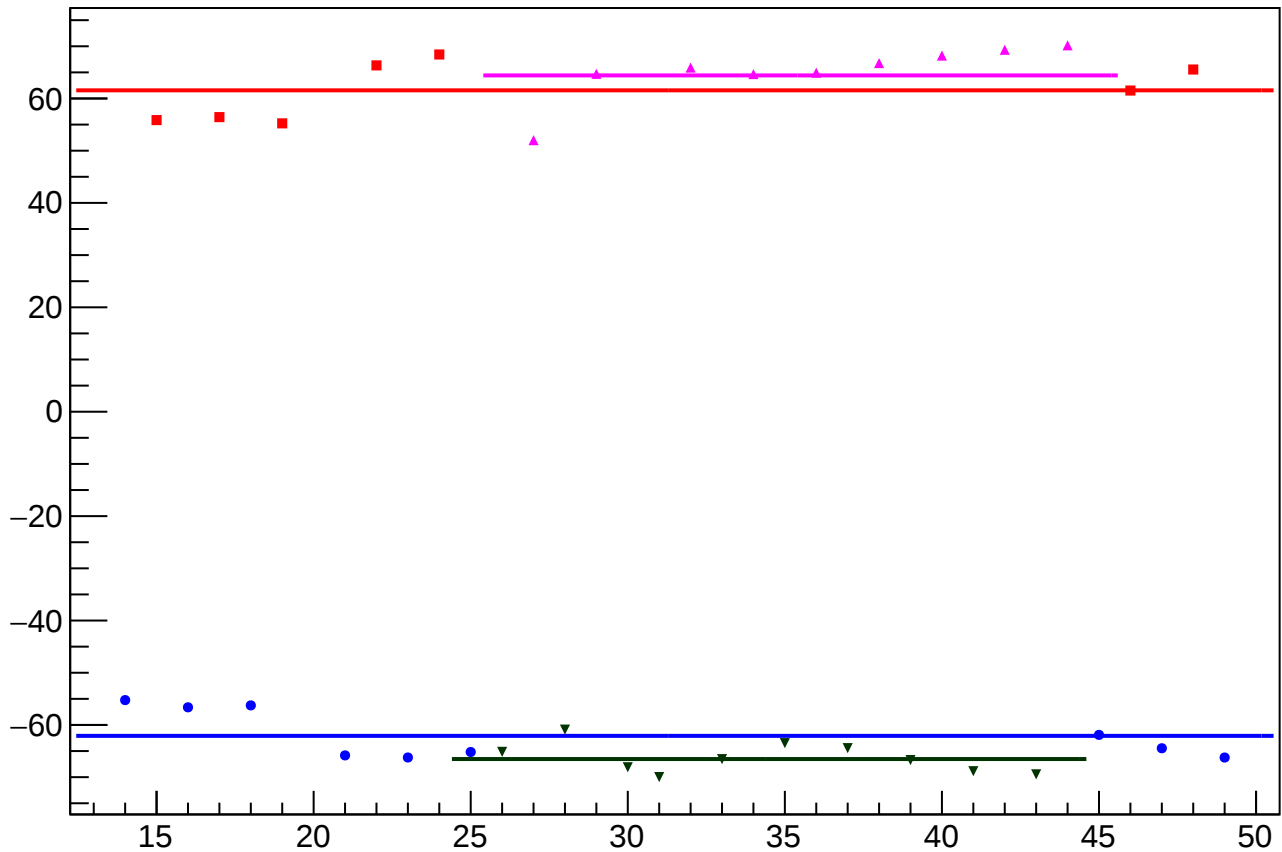
Left Out: 4.080 $\pm$ 0.177 χ^2 /NDF: 478.1/9

Right Out: -2.668 $\pm$ 0.214 χ^2 /NDF: 255.9/6

Left In: -7.322 $\pm$ 0.150 χ^2 /NDF: 577.1/8

-0.933 $\pm$ 0.086 χ^2 /NDF: 5295.4/34

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -62.088 ± 0.039 $\chi^2/\text{NDF}: 12893.9/8$

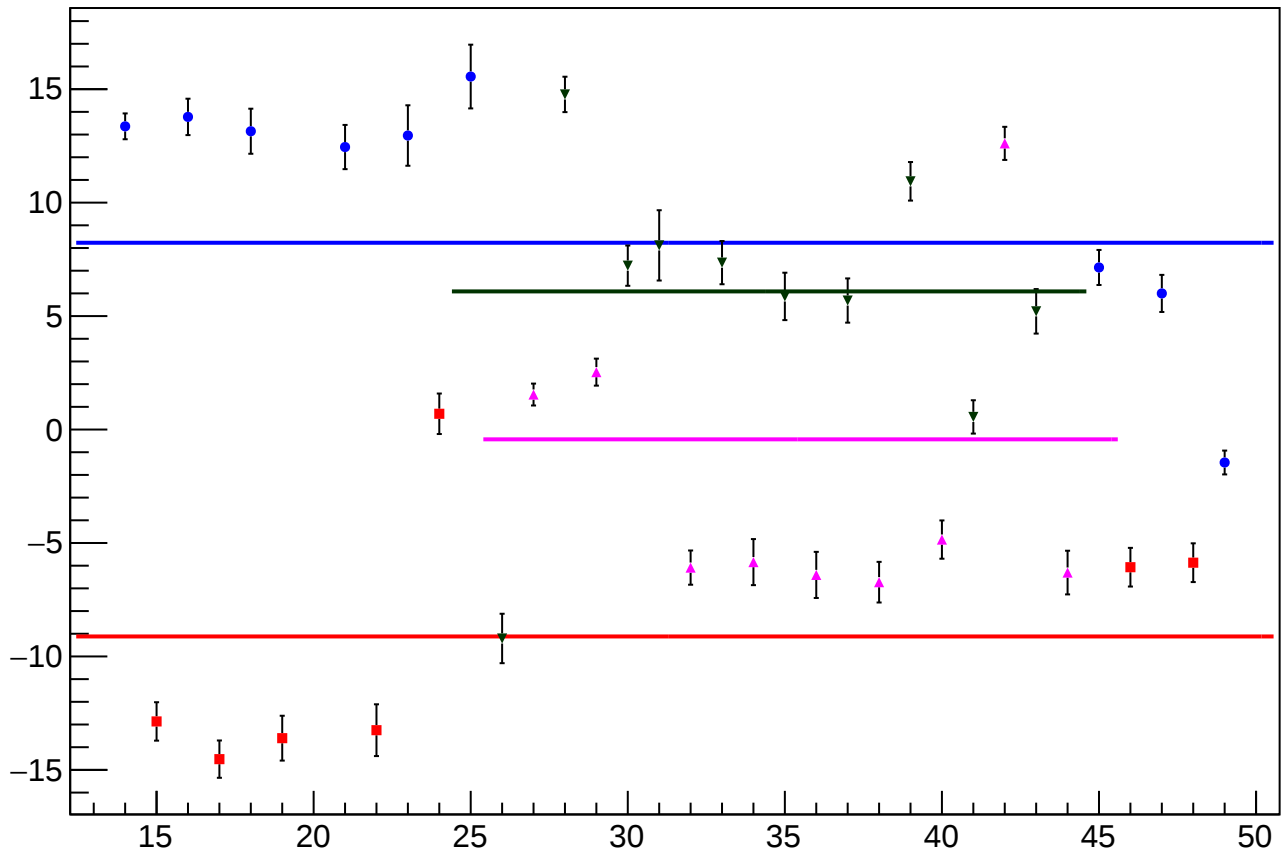
Left Out: -66.529 ± 0.039 $\chi^2/\text{NDF}: 4841.9/9$

Right Out: 61.560 ± 0.050 $\chi^2/\text{NDF}: 8898.7/6$

Left In: 64.419 ± 0.036 $\chi^2/\text{NDF}: 25021.8/8$

-4.061 ± 0.020 $\chi^2/\text{NDF}: 10121332.9/34$

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 8.232 ± 0.262 χ^2/NDF : 561.3/8

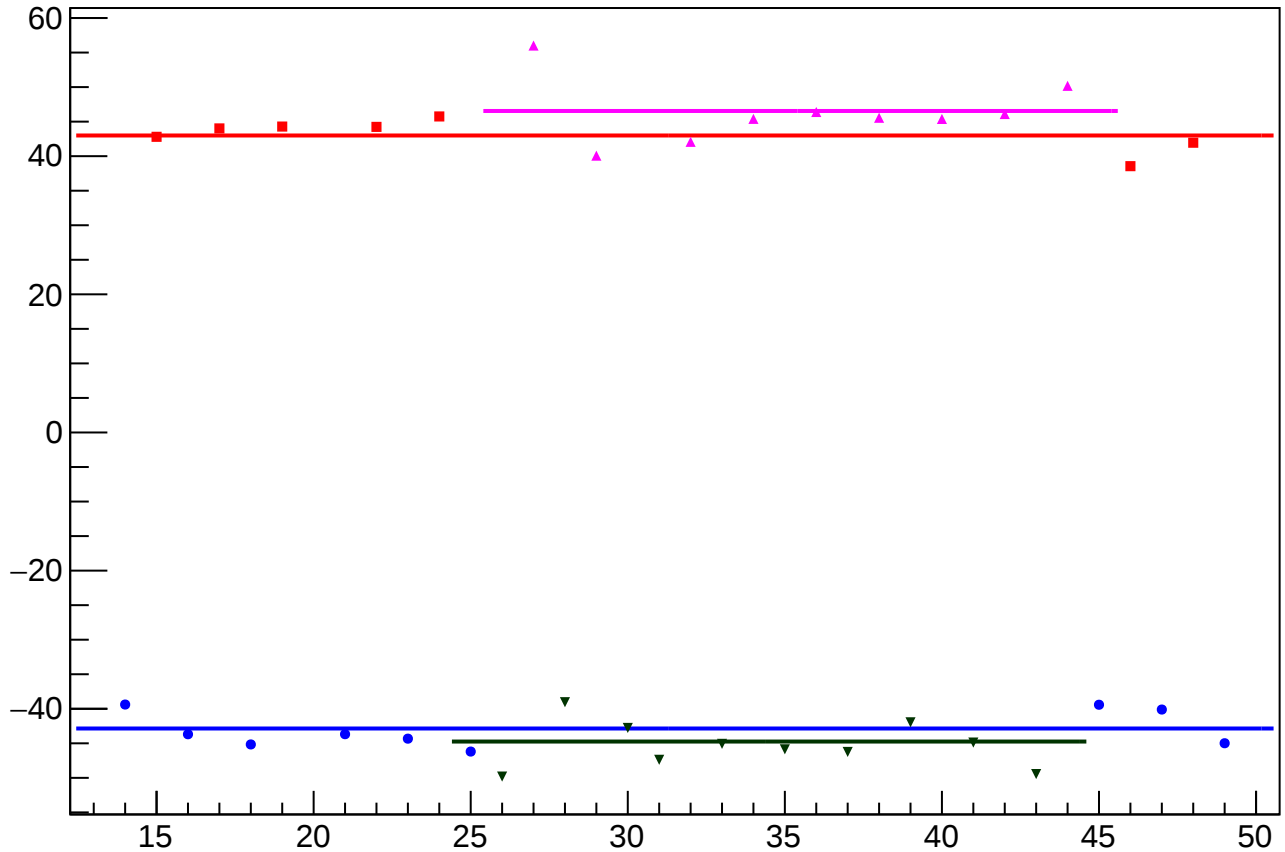
Left Out: 6.087 ± 0.295 χ^2/NDF : 416.6/9

Right Out: -9.119 ± 0.340 χ^2/NDF : 244.8/6

Left In: -0.432 ± 0.247 χ^2/NDF : 594.6/8

2.031 ± 0.140 χ^2/NDF : 3745.0/34

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.855 ± 0.049 χ^2/NDF : 2571.3/8

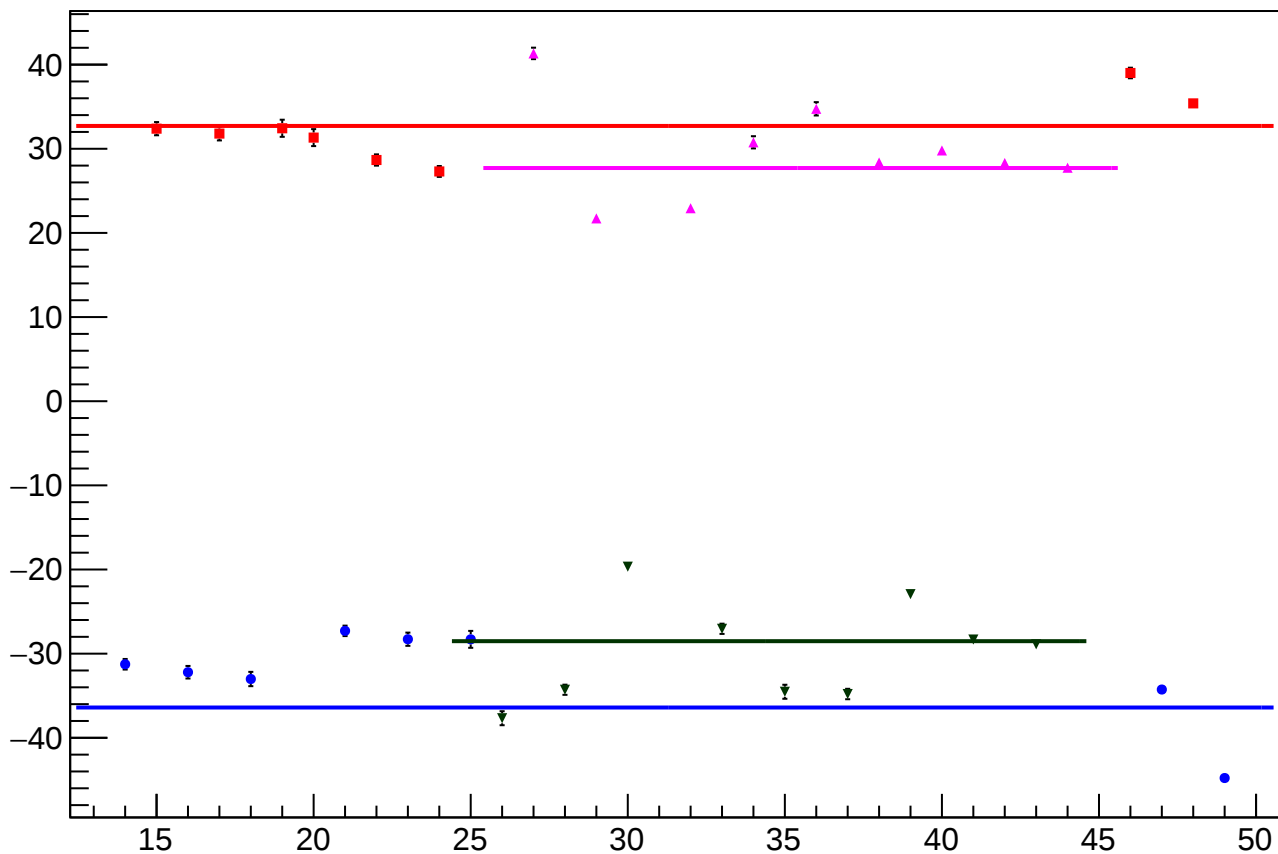
Left Out: -44.743 ± 0.053 χ^2/NDF : 3703.9/9

Right Out: 42.995 ± 0.060 χ^2/NDF : 1158.4/6

Left In: 46.543 ± 0.052 χ^2/NDF : 9214.0/8

-3.339 ± 0.027 χ^2/NDF : 2754881.5/34

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -36.400+/-0.206 χ^2/NDF : 1165.0/7

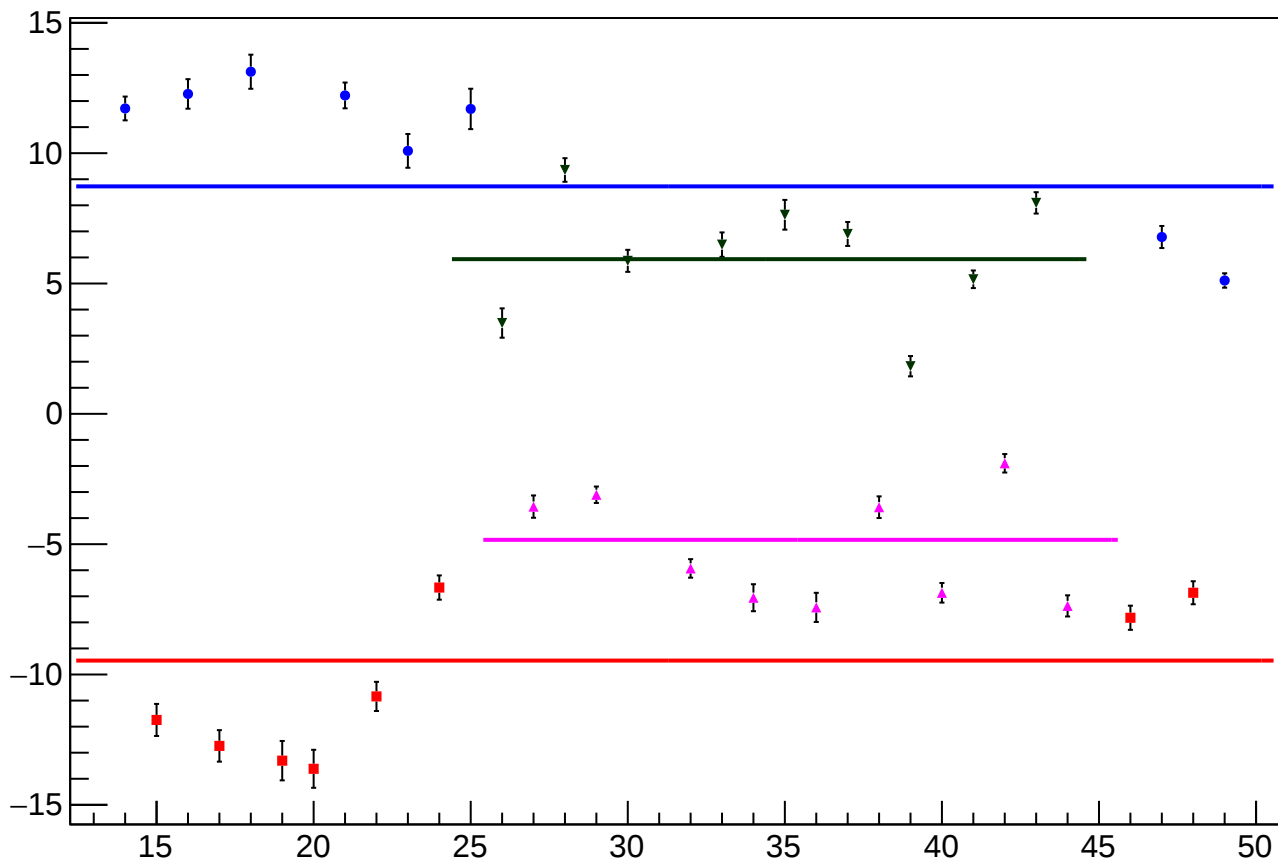
Left Out: -28.516+/-0.195 χ^2/NDF : 758.8/8

Right Out: 32.712+/-0.251 χ^2/NDF : 235.8/7

Left In: 27.712+/-0.179 χ^2/NDF : 841.0/8

-2.302+/-0.101 χ^2/NDF : 96172.6/33

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 8.726+/-0.164 χ^2/NDF : 387.9/7

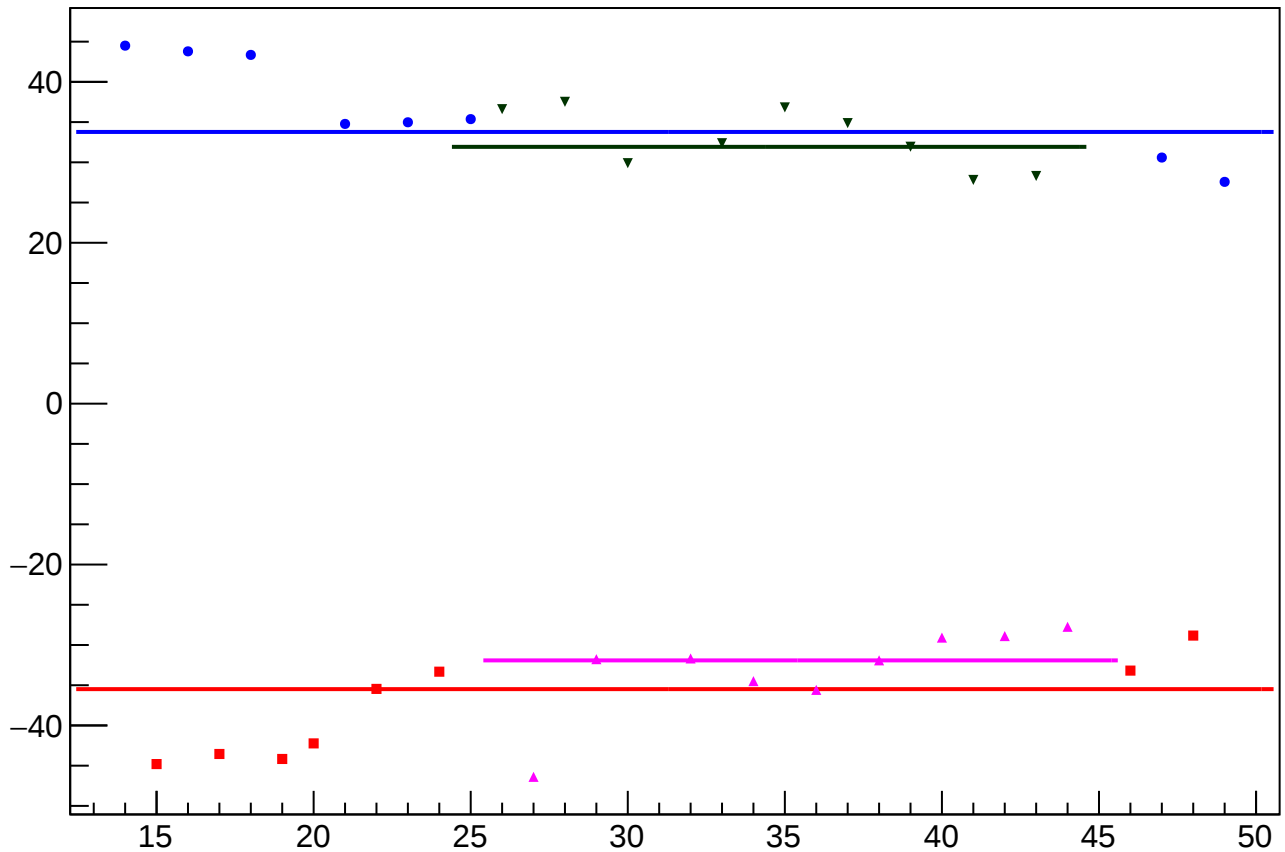
Left Out: 5.934+/-0.145 χ^2/NDF : 234.9/8

Right Out: -9.466+/-0.194 χ^2/NDF : 190.9/7

Left In: -4.834+/-0.132 χ^2/NDF : 234.0/8

0.451+/-0.077 χ^2/NDF : 9221.5/33

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 33.776+/-0.039 χ^2/NDF : 25761.3/7

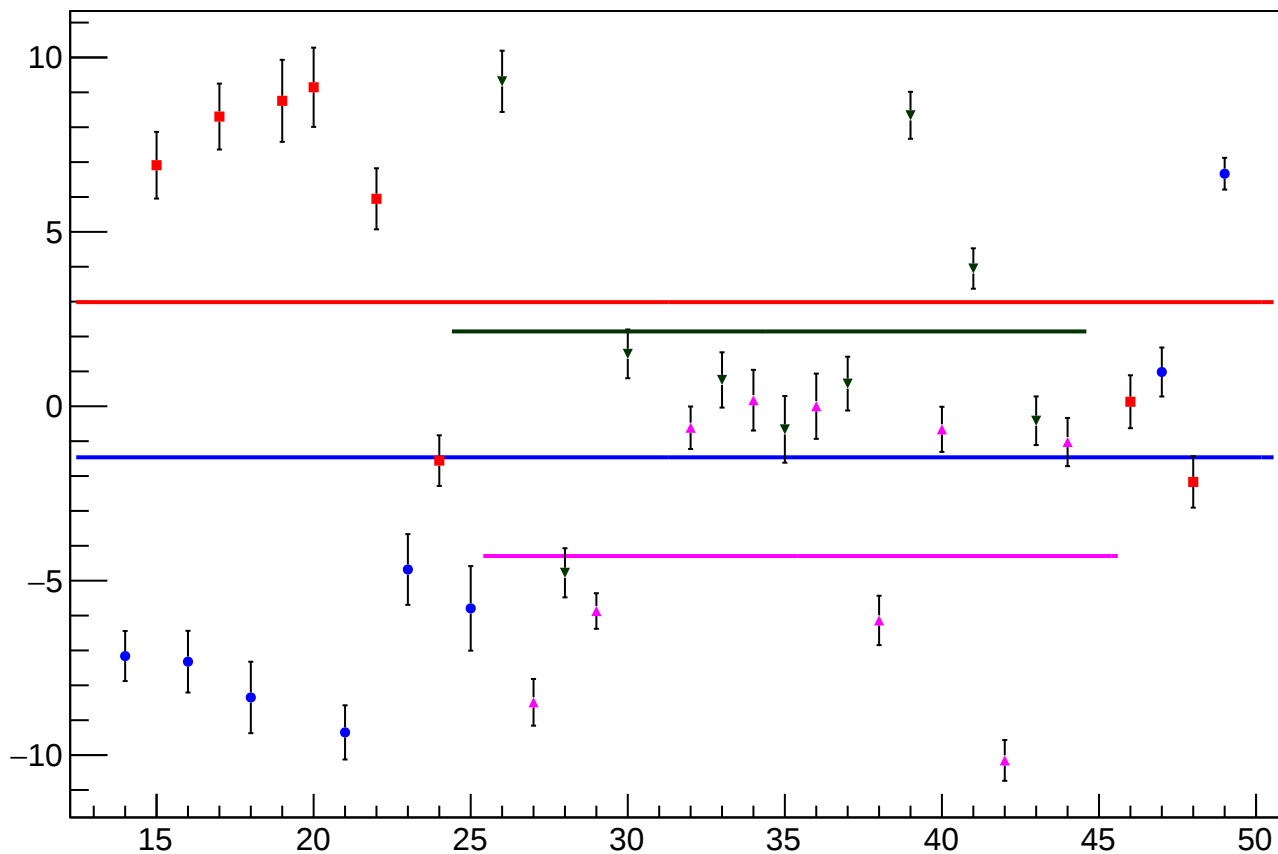
Left Out: 31.923+/-0.033 χ^2/NDF : 10913.1/8

Right Out: -35.485+/-0.045 χ^2/NDF : 15215.2/7

Left In: -31.913+/-0.031 χ^2/NDF : 20132.9/8

0.242+/-0.018 χ^2/NDF : 3501391.9/33

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -1.463 ± 0.264 χ^2/NDF : 609.7/7

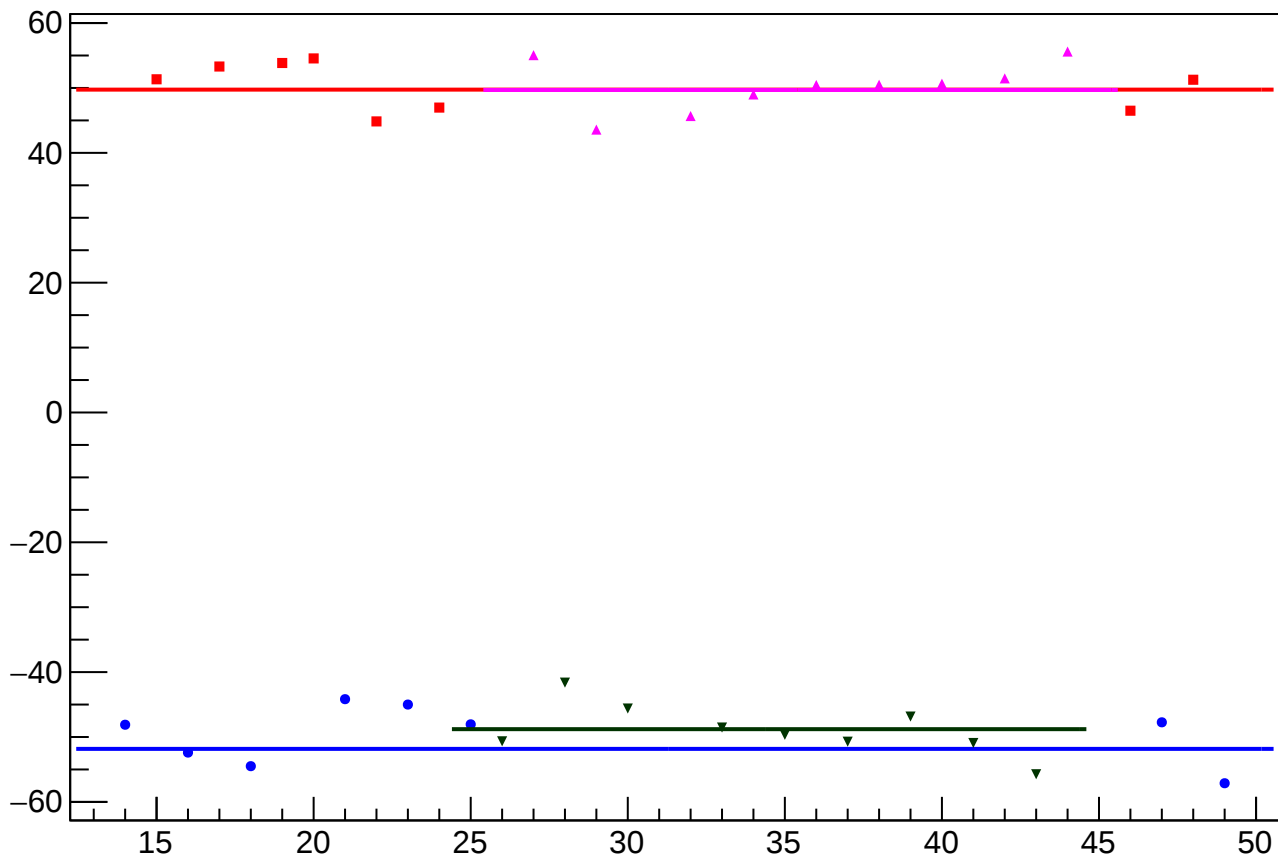
Left Out: 2.145 ± 0.243 χ^2/NDF : 287.5/8

Right Out: 2.985 ± 0.309 χ^2/NDF : 215.8/7

Left In: -4.293 ± 0.220 χ^2/NDF : 293.8/8

-0.670 ± 0.127 χ^2/NDF : 1961.5/33

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -51.829+/-0.049 χ^2/NDF : 9232.6/7

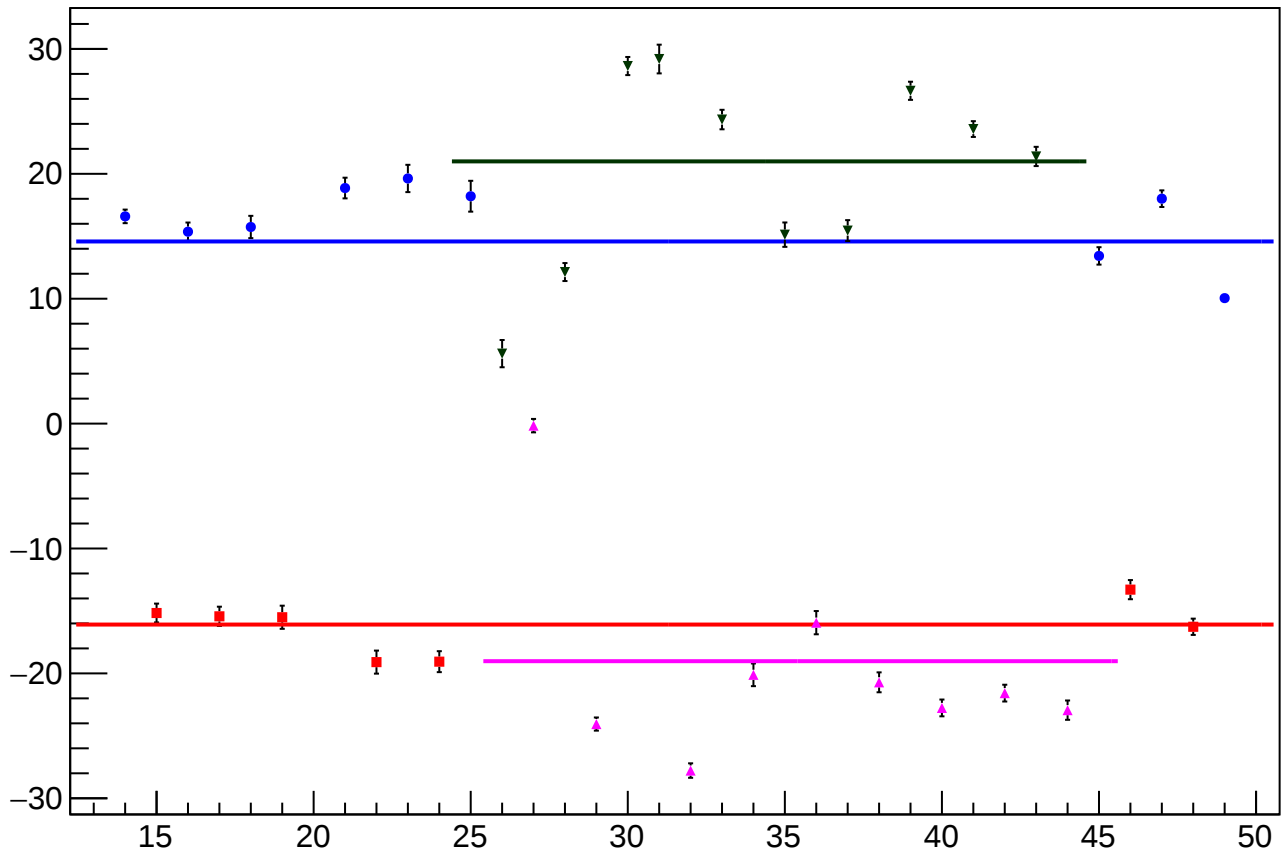
Left Out: -48.791+/-0.044 χ^2/NDF : 7464.7/8

Right Out: 49.744+/-0.055 χ^2/NDF : 3682.0/7

Left In: 49.690+/-0.045 χ^2/NDF : 7145.5/8

-3.188+/-0.024 χ^2/NDF : 4362712.9/33

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 14.584 $\pm$ 0.224 χ^2 /NDF: 228.8/8

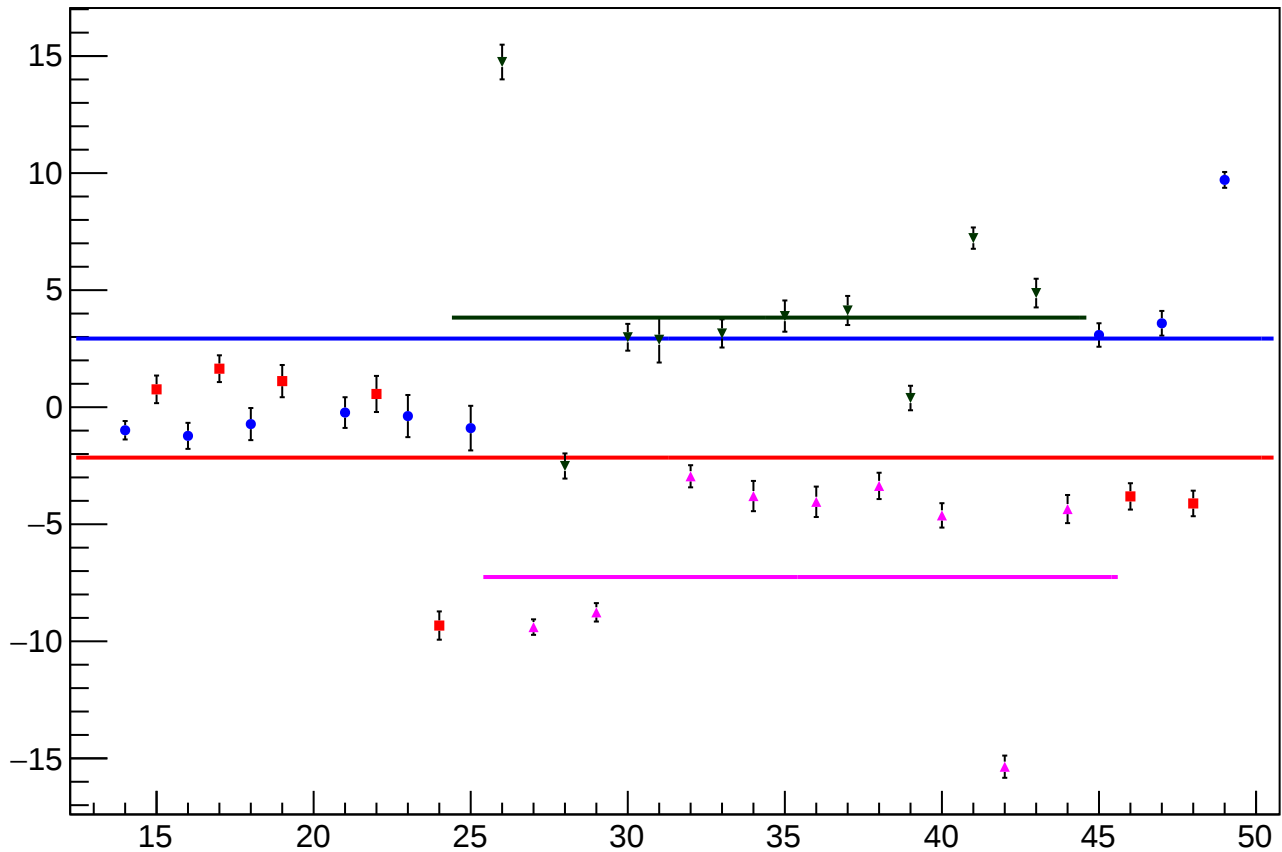
Left Out: 20.996 $\pm$ 0.253 χ^2 /NDF: 688.0/9

Right Out: -16.090 $\pm$ 0.298 χ^2 /NDF: 39.2/6

Left In: -19.023 $\pm$ 0.223 χ^2 /NDF: 1636.4/8

0.827 $\pm$ 0.122 χ^2 /NDF: 23848.7/34

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 2.932 ± 0.175 χ^2/NDF : 638.8/8

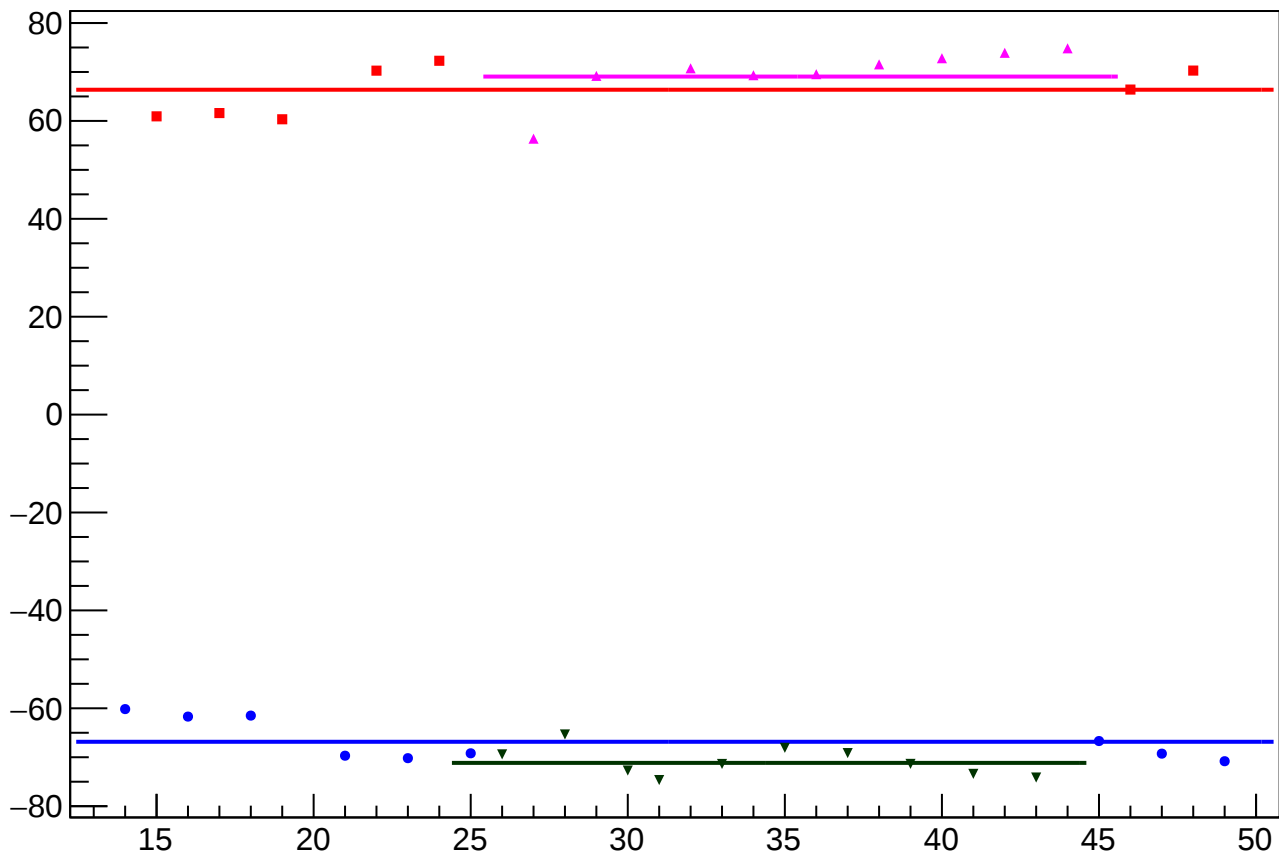
Left Out: 3.828 ± 0.189 χ^2/NDF : 462.3/9

Right Out: -2.153 ± 0.230 χ^2/NDF : 266.1/6

Left In: -7.254 ± 0.160 χ^2/NDF : 580.6/8

-1.002 ± 0.092 χ^2/NDF : 4654.4/34

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -66.841 $\pm$ 0.042 χ^2 /NDF: 9860.6/8

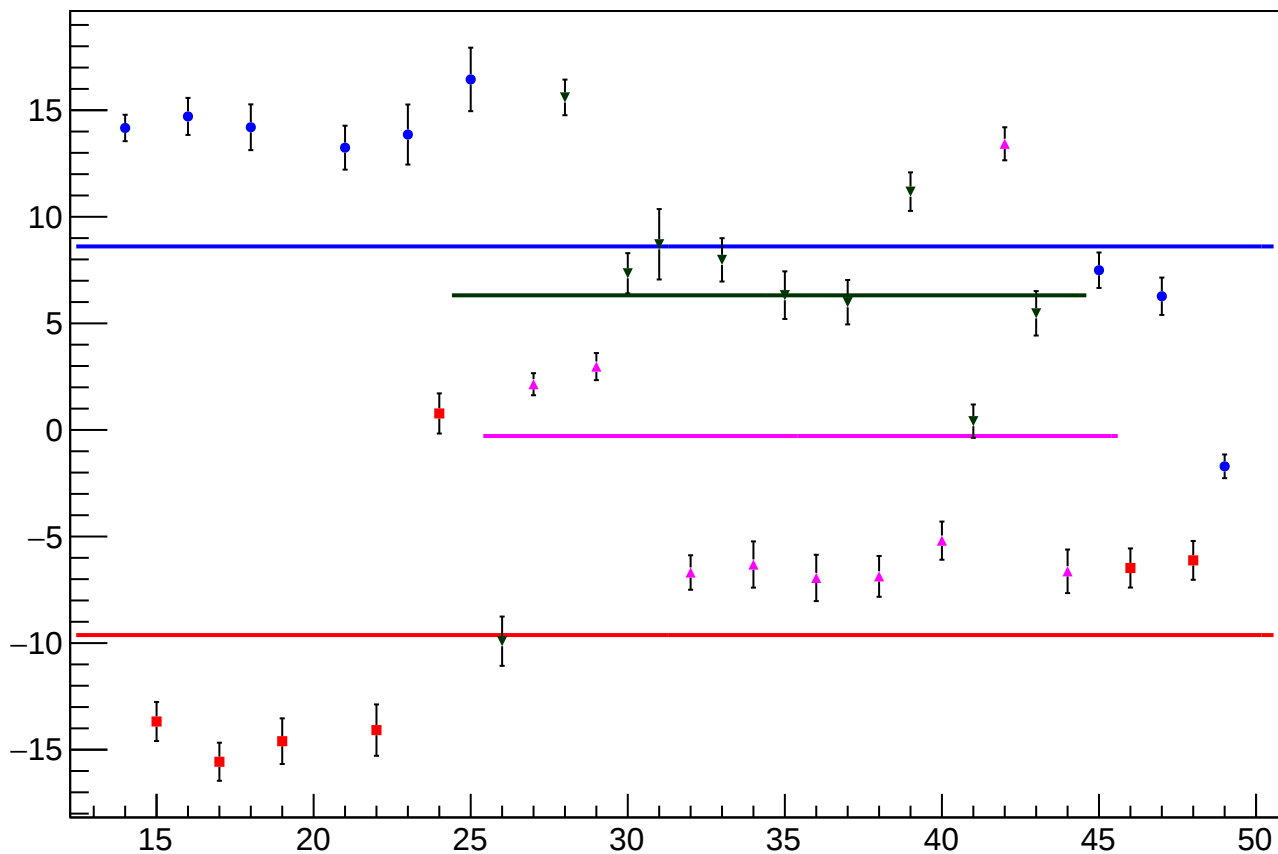
Left Out: -71.152 $\pm$ 0.042 χ^2 /NDF: 4395.4/9

Right Out: 66.371 $\pm$ 0.054 χ^2 /NDF: 6532.6/6

Left In: 69.062 $\pm$ 0.039 χ^2 /NDF: 22617.7/8

-4.406 $\pm$ 0.021 χ^2 /NDF: 10194089.5/34

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 8.610 ± 0.281 χ^2/NDF : 571.2/8

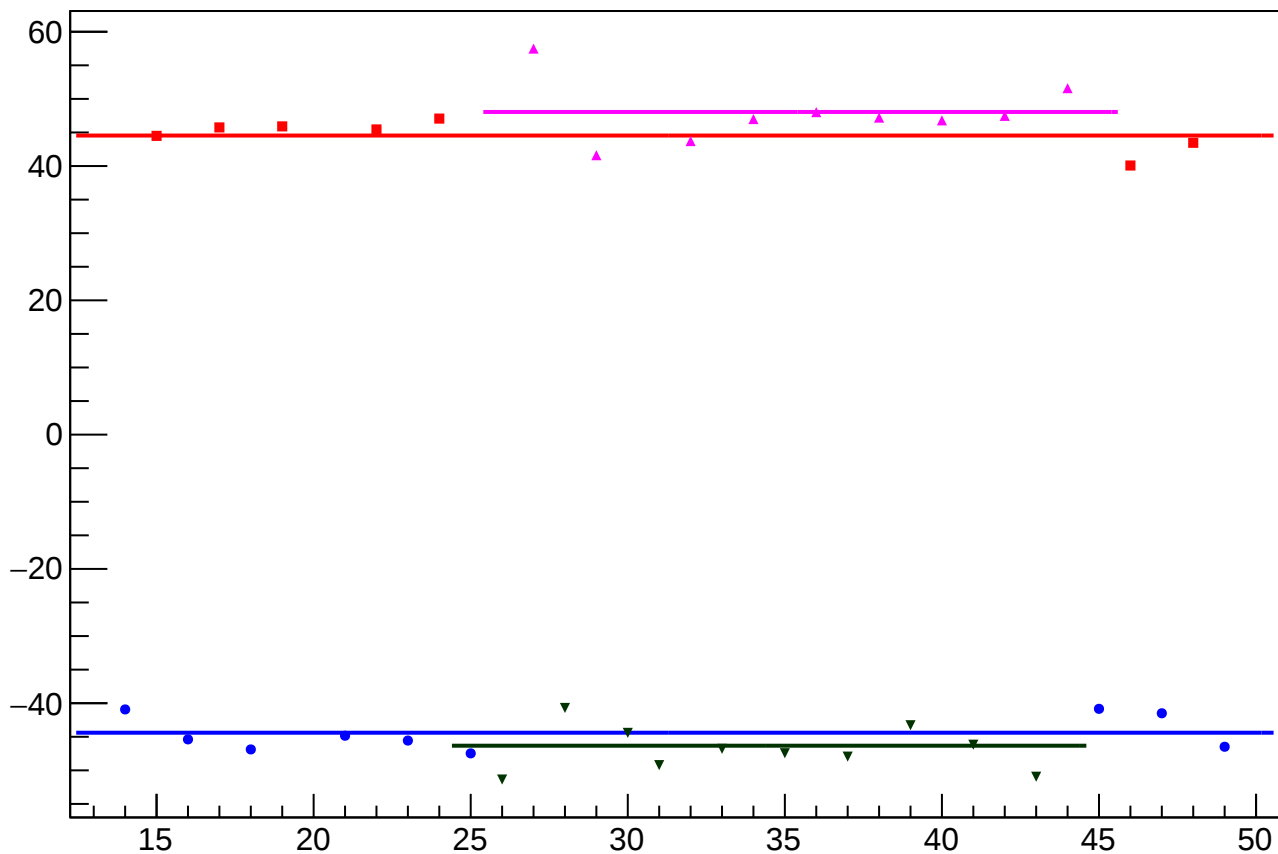
Left Out: 6.315 ± 0.314 χ^2/NDF : 413.3/9

2.163 ± 0.150 χ^2/NDF : 3672.3/34

Right Out: -9.623 ± 0.365 χ^2/NDF : 247.4/6

Left In: -0.285 ± 0.264 χ^2/NDF : 608.0/8

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.394 ± 0.053 χ^2/NDF : 2288.4/8

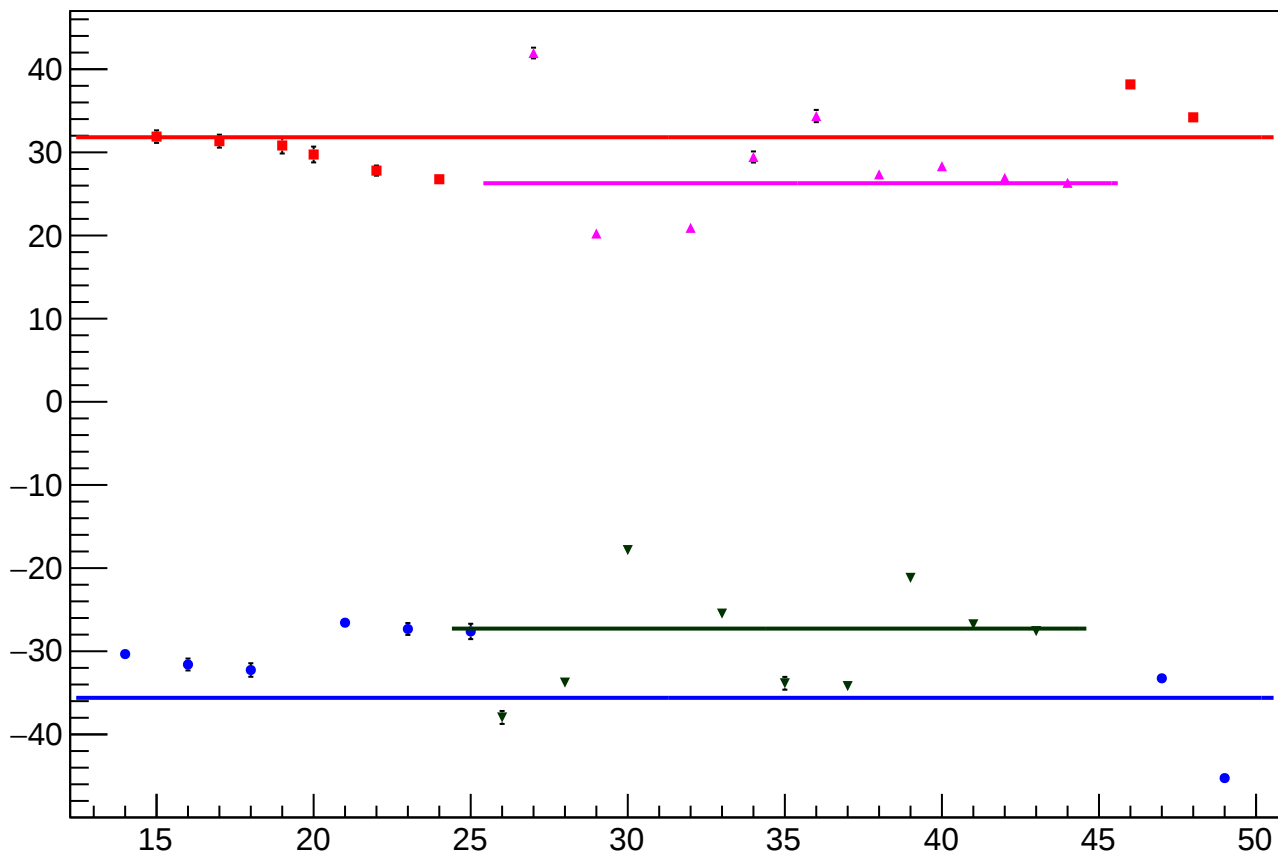
Left Out: -46.329 ± 0.057 χ^2/NDF : 3263.4/9

Right Out: 44.545 ± 0.065 χ^2/NDF : 979.0/6

Left In: 48.054 ± 0.056 χ^2/NDF : 7913.0/8

-3.535 ± 0.029 χ^2/NDF : 2575540.3/34

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -35.600 ± 0.196 $\chi^2/\text{NDF}: 1492.6/7$

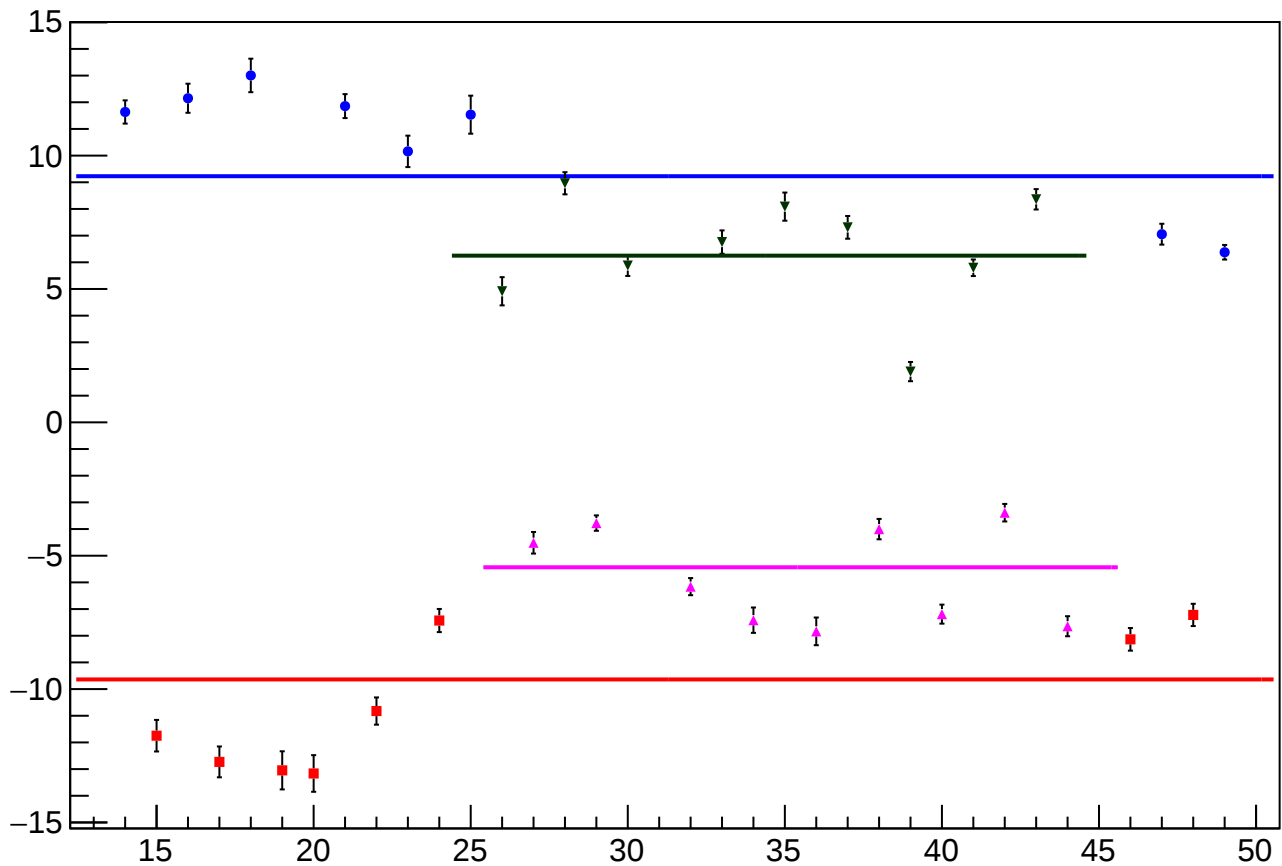
Left Out: -27.275 ± 0.181 $\chi^2/\text{NDF}: 1073.3/8$

Right Out: 31.817 ± 0.235 $\chi^2/\text{NDF}: 264.4/7$

Left In: 26.289 ± 0.165 $\chi^2/\text{NDF}: 1194.5/8$

-1.983 ± 0.095 $\chi^2/\text{NDF}: 103050.3/33$

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 9.228 ± 0.156 χ^2/NDF : 282.3/7

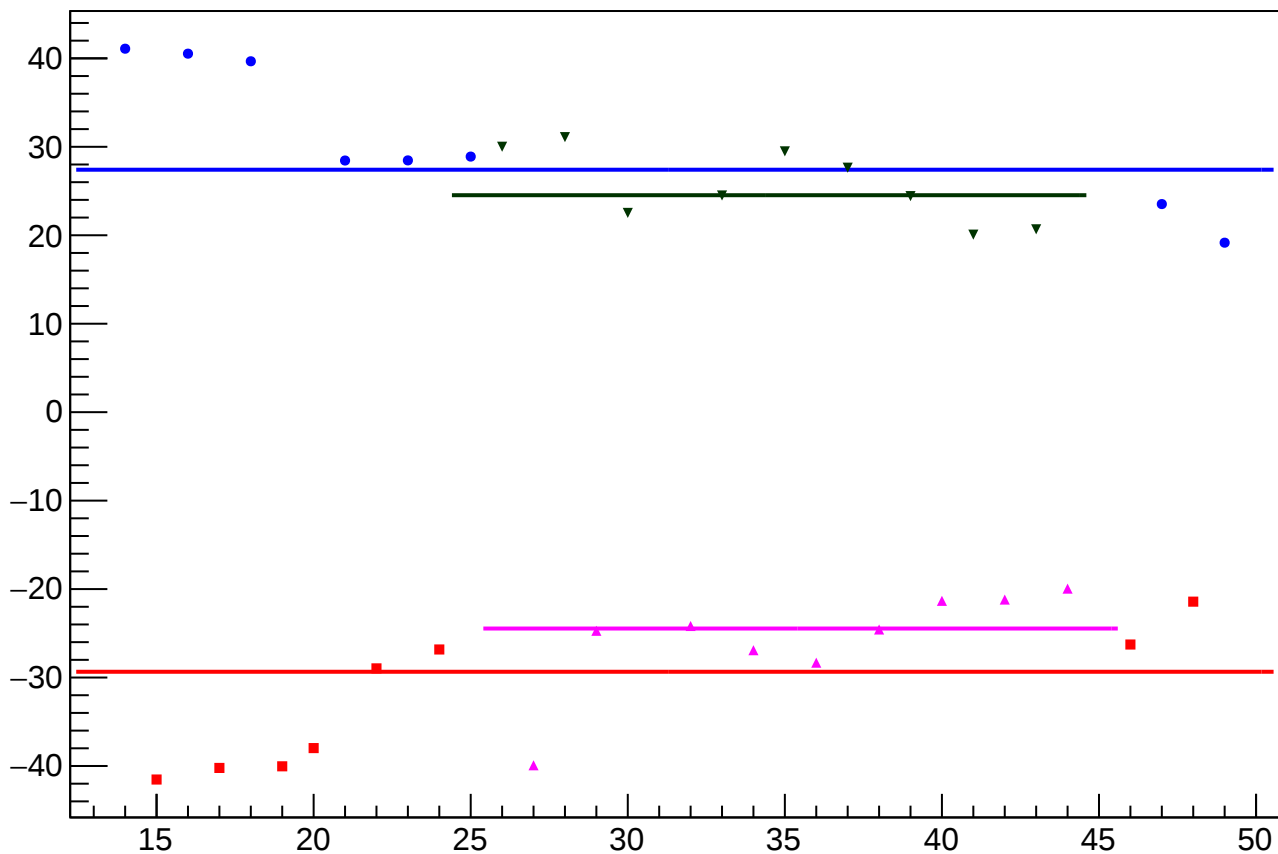
Left Out: 6.249 ± 0.135 χ^2/NDF : 247.2/8

0.339 ± 0.072 χ^2/NDF : 11302.6/33

Right Out: -9.638 ± 0.181 χ^2/NDF : 167.9/7

Left In: -5.433 ± 0.122 χ^2/NDF : 193.5/8

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 27.410+/-0.037 χ^2/NDF : 46239.9/7

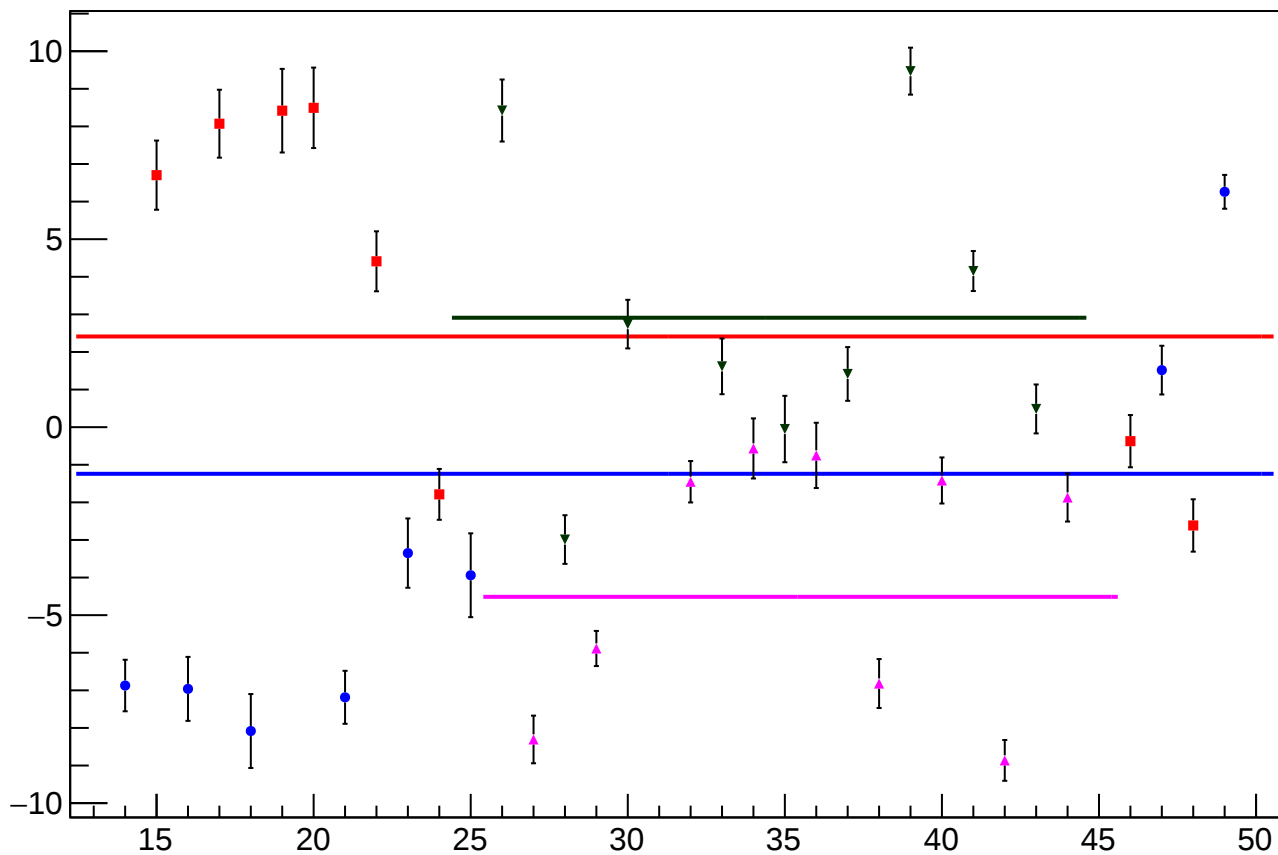
Left Out: 24.528+/-0.030 χ^2/NDF :15447.7/8

Right Out: -29.347+/-0.042 χ^2/NDF : 27046.6/7

Left In: -24.460+/-0.028 χ^2/NDF :26092.2/8

-0.066+/-0.017 χ^2/NDF : 2573649.5/33

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: -1.240 ± 0.251 χ^2/NDF : 539.4/7

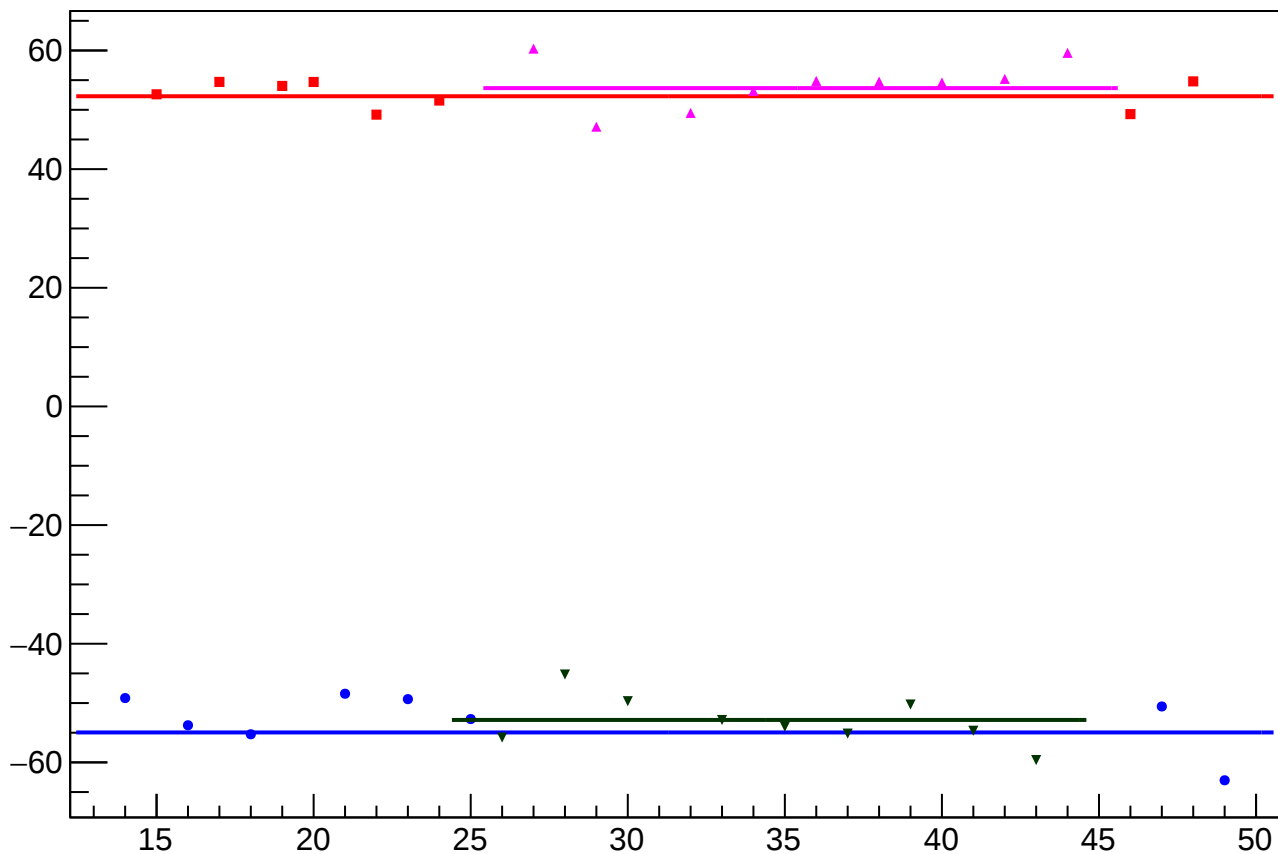
Left Out: 2.911 ± 0.225 χ^2/NDF : 276.3/8

Right Out: 2.413 ± 0.289 χ^2/NDF : 235.4/7

Left In: -4.513 ± 0.204 χ^2/NDF : 238.0/8

-0.587 ± 0.118 χ^2/NDF : 2017.4/33

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -54.953 $\pm$ 0.047 χ^2 /NDF: 14589.3/7

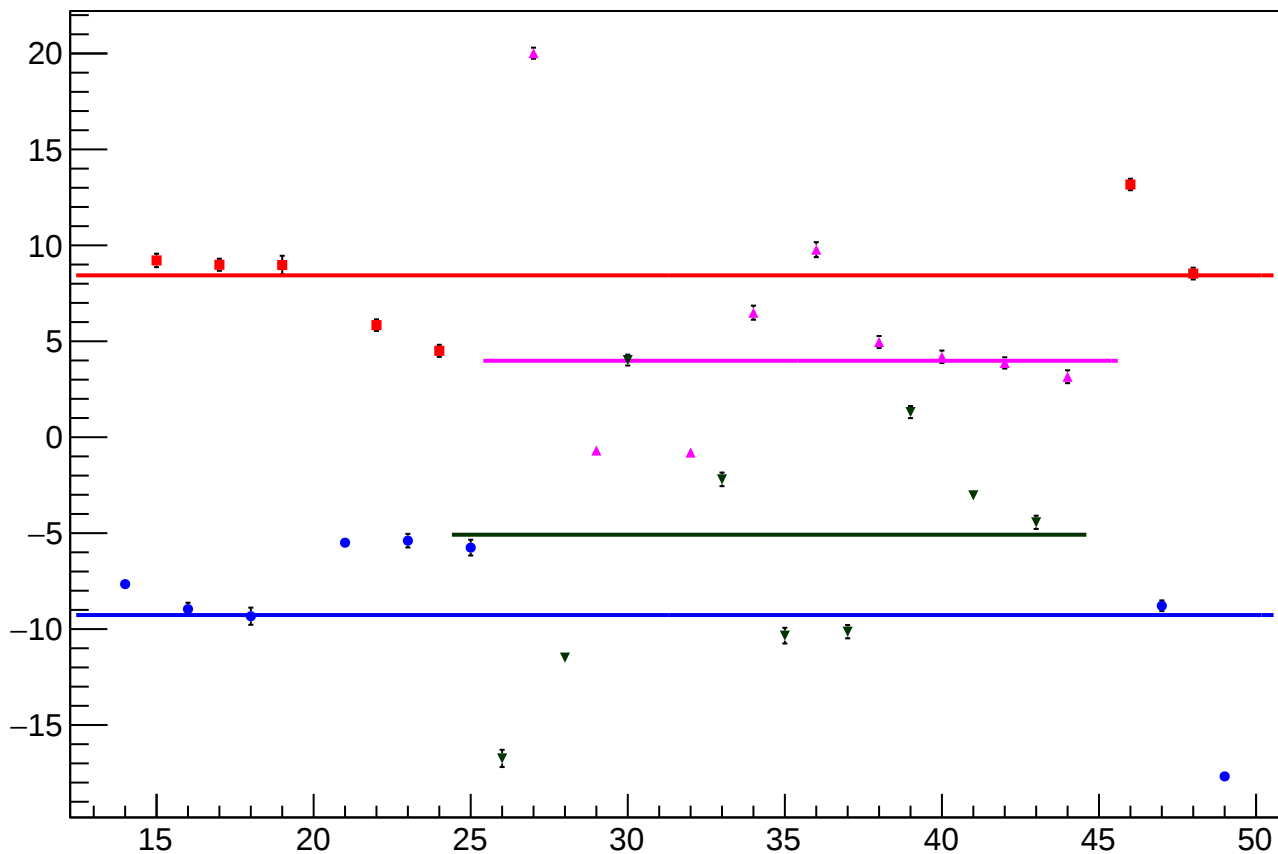
Left Out: -52.846 $\pm$ 0.041 χ^2 /NDF: 9528.4/8

Right Out: 52.285 $\pm$ 0.052 χ^2 /NDF: 1876.1/7

Left In: 53.657 $\pm$ 0.042 χ^2 /NDF: 9586.0/8

-2.987 $\pm$ 0.022 χ^2 /NDF: 5710328.4/33

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -9.269+/-0.101 χ^2/NDF : 1836.0/7

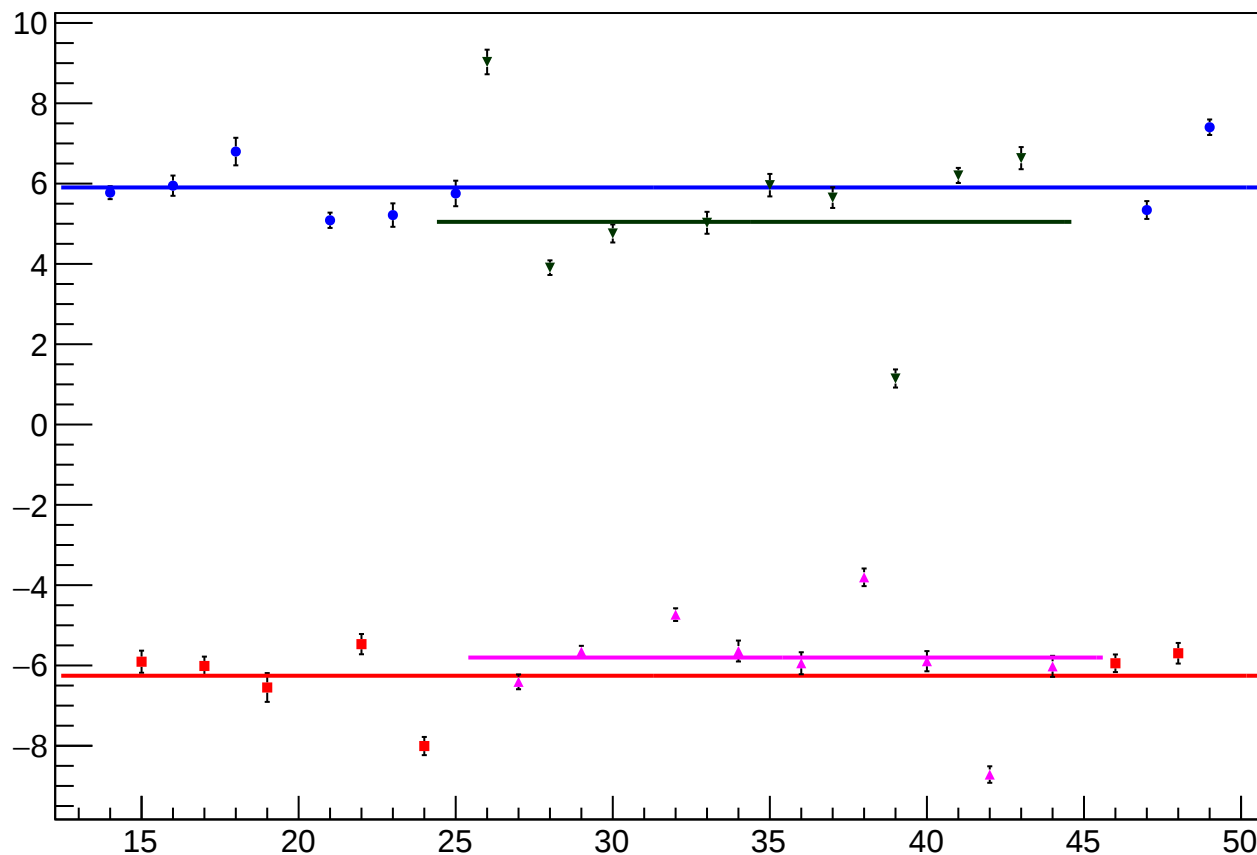
Left Out: -5.082+/-0.106 χ^2/NDF : 3296.2/8

Right Out: 8.437+/-0.124 χ^2/NDF : 491.2/6

Left In: 3.984+/-0.091 χ^2/NDF : 4557.3/8

-0.881+/-0.052 χ^2/NDF : 27100.5/32

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.904 $\pm$ 0.079 χ^2 /NDF: 98.3/7

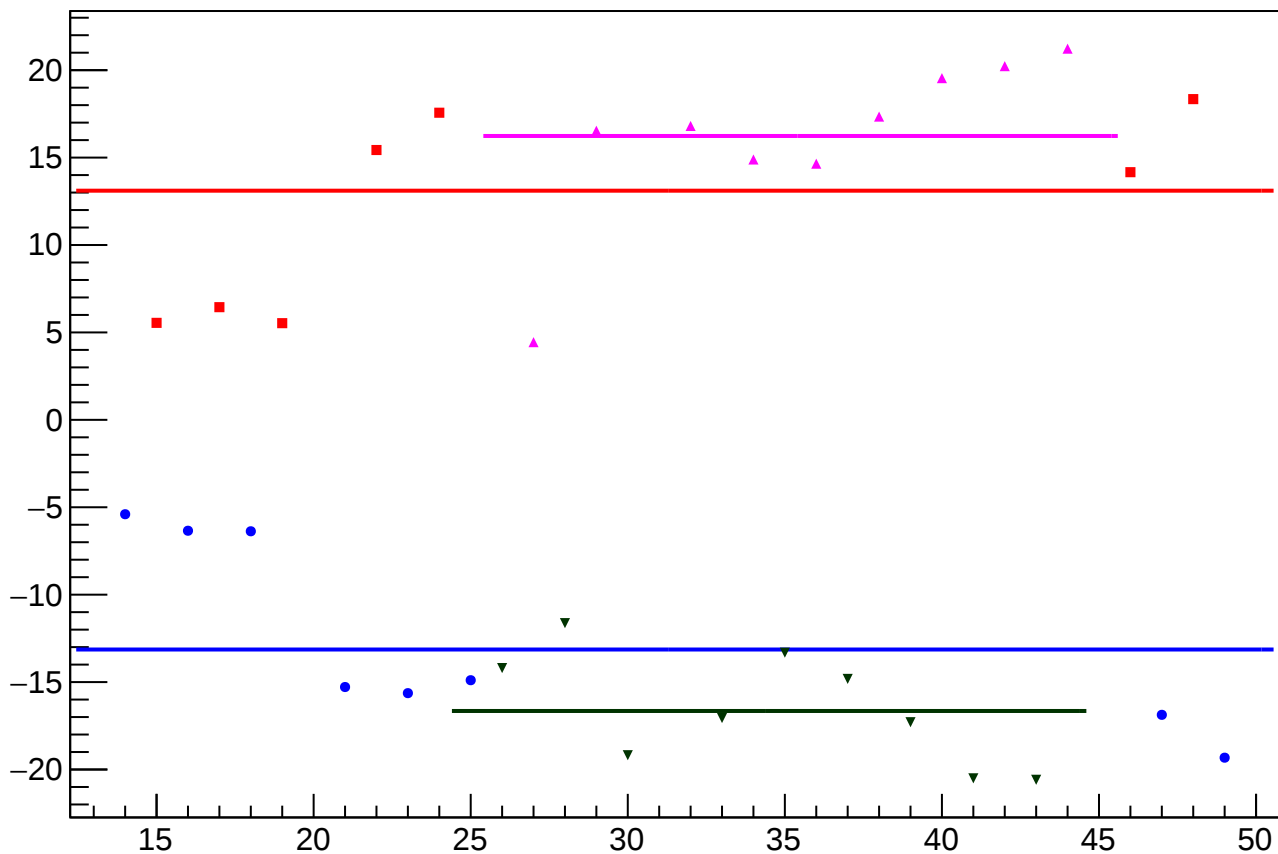
Left Out: 5.047 $\pm$ 0.078 χ^2 /NDF: 595.4/8

Right Out: -6.256 $\pm$ 0.095 χ^2 /NDF: 79.6/6

Left In: -5.803 $\pm$ 0.067 χ^2 /NDF: 343.0/8

-0.317 $\pm$ 0.039 χ^2 /NDF: 22450.9/32

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -13.137 $\pm$ 0.019 χ^2 /NDF: 77501.8/7

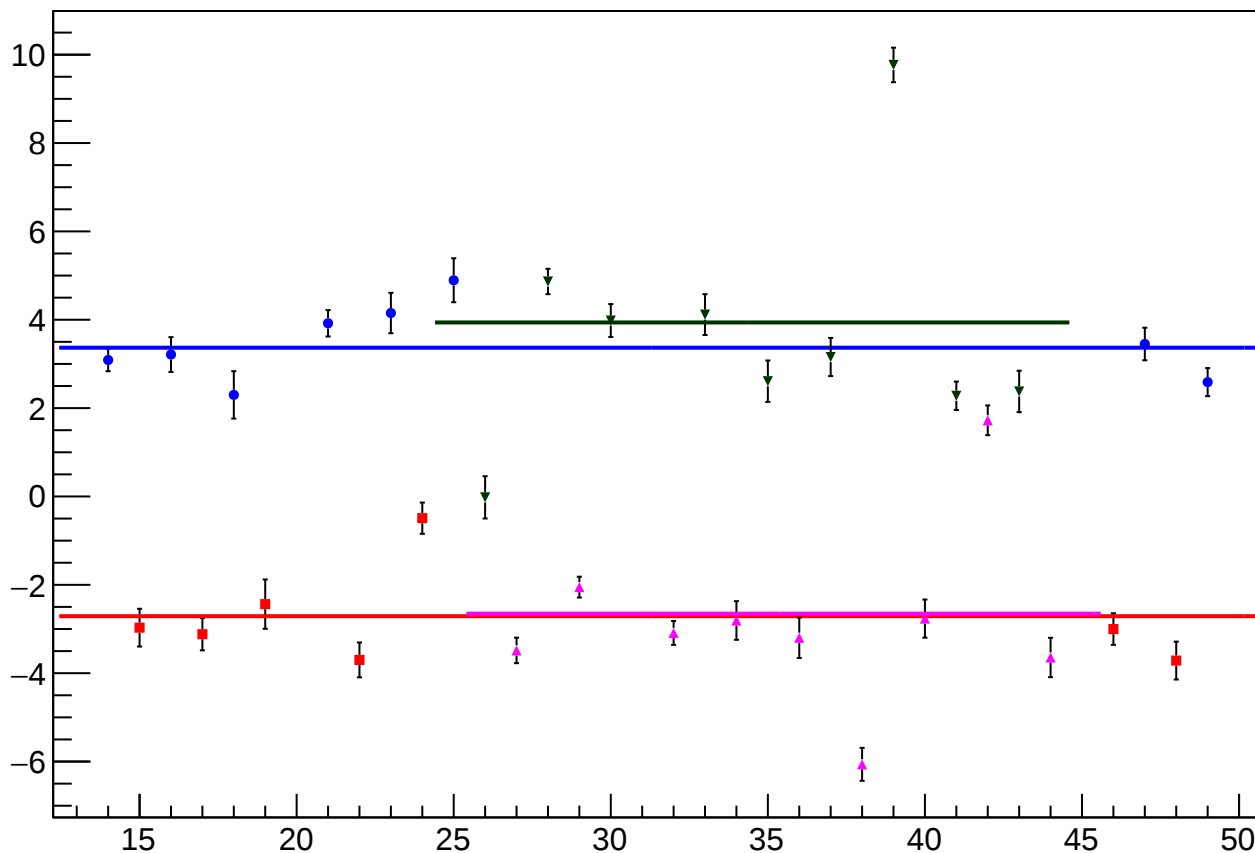
Left Out: -16.652 $\pm$ 0.018 χ^2 /NDF: 33114.0/8

Right Out: 13.107 $\pm$ 0.022 χ^2 /NDF: 47666.9/6

Left In: 16.236 $\pm$ 0.016 χ^2 /NDF: 73668.6/8

0.328 $\pm$ 0.009 χ^2 /NDF: 3046126.3/32

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.367 ± 0.126 $\chi^2/\text{NDF}: 27.2/7$

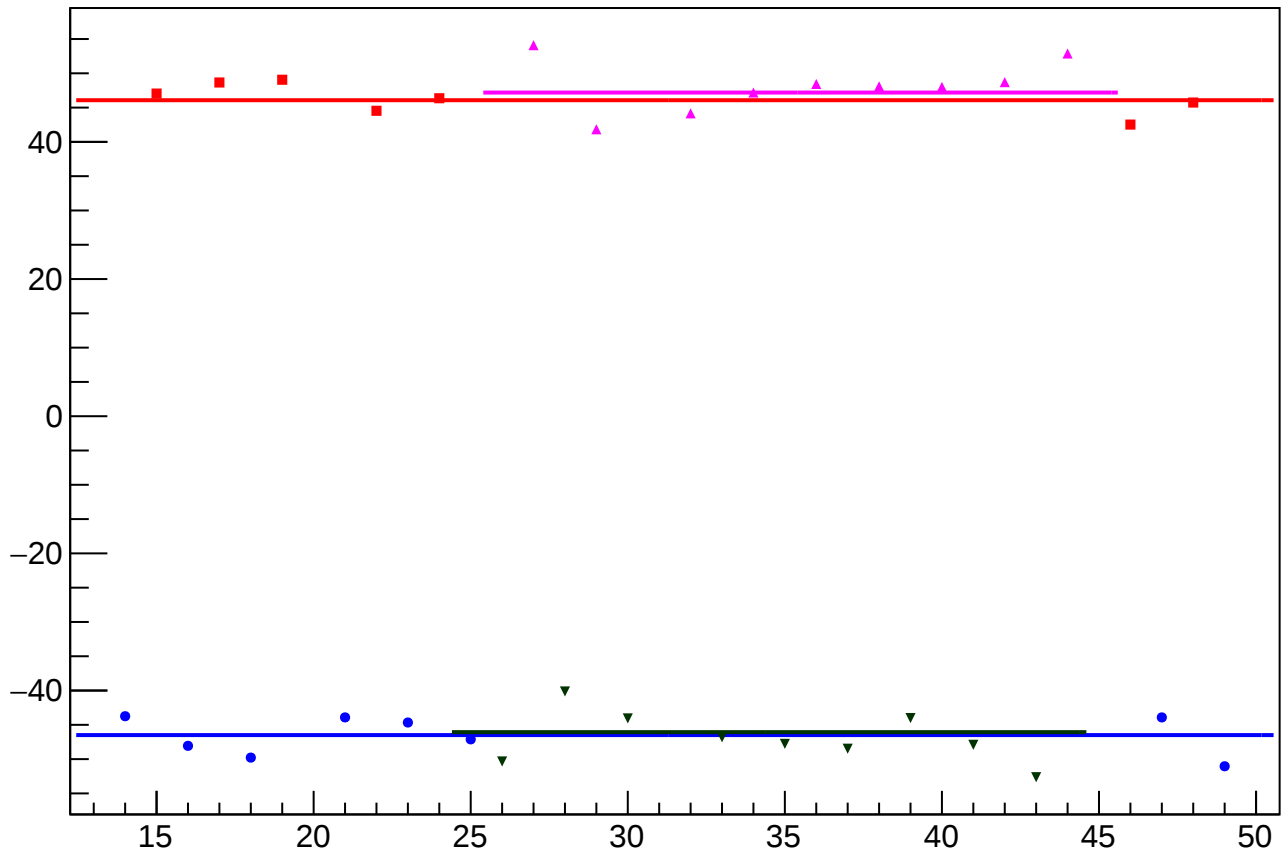
Left Out: 3.939 ± 0.130 $\chi^2/\text{NDF}: 350.7/8$

Right Out: -2.710 ± 0.151 $\chi^2/\text{NDF}: 53.7/6$

Left In: -2.653 ± 0.112 $\chi^2/\text{NDF}: 276.7/8$

0.457 ± 0.064 $\chi^2/\text{NDF}: 3170.2/32$

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -46.495+/-0.025 χ^2/NDF : 14030.1/7

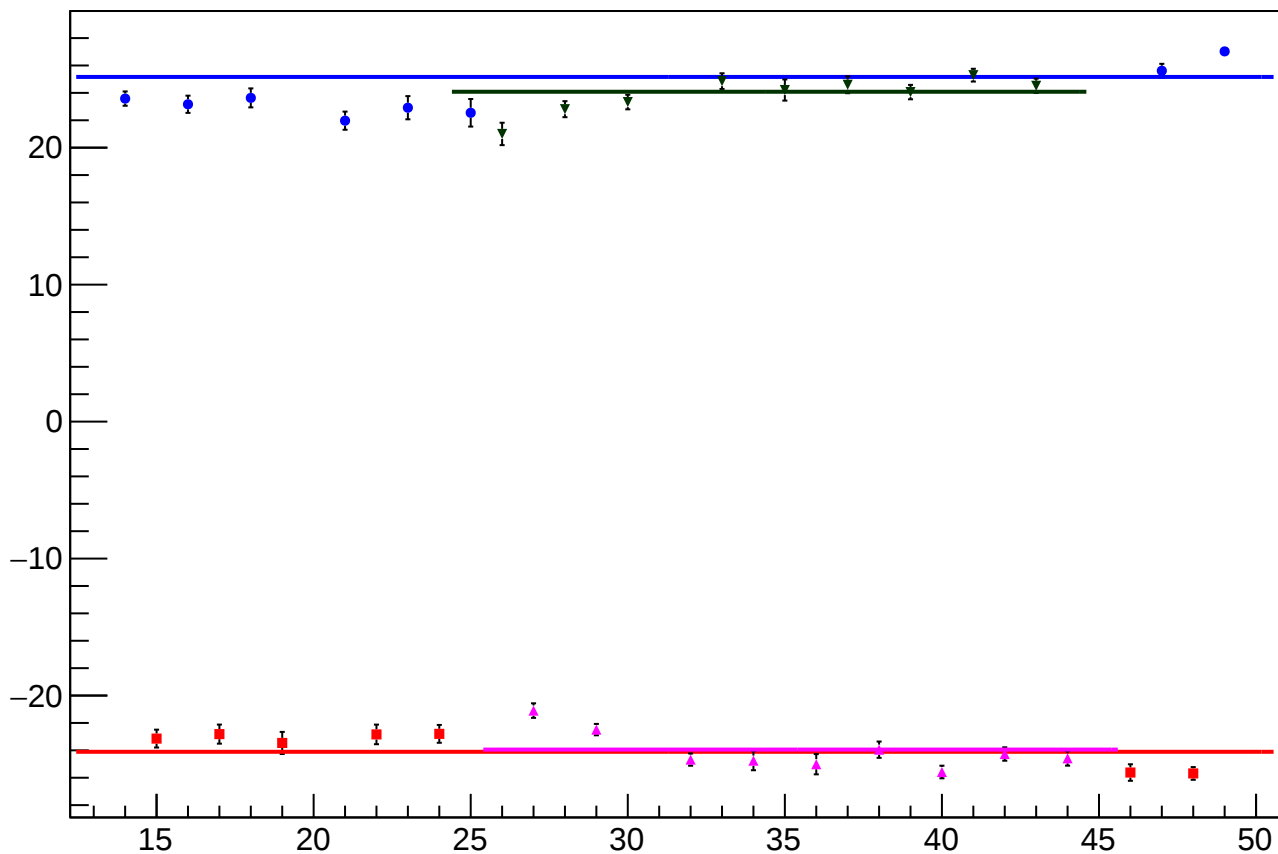
Left Out: -46.065+/-0.024 χ^2/NDF : 24343.4/8

Right Out: 46.076+/-0.027 χ^2/NDF : 5601.5/6

Left In: 47.193+/-0.023 χ^2/NDF : 27379.6/8

-1.509+/-0.012 χ^2/NDF : 14206209.4/32

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 25.164 ± 0.181 χ^2/NDF : 109.1/7

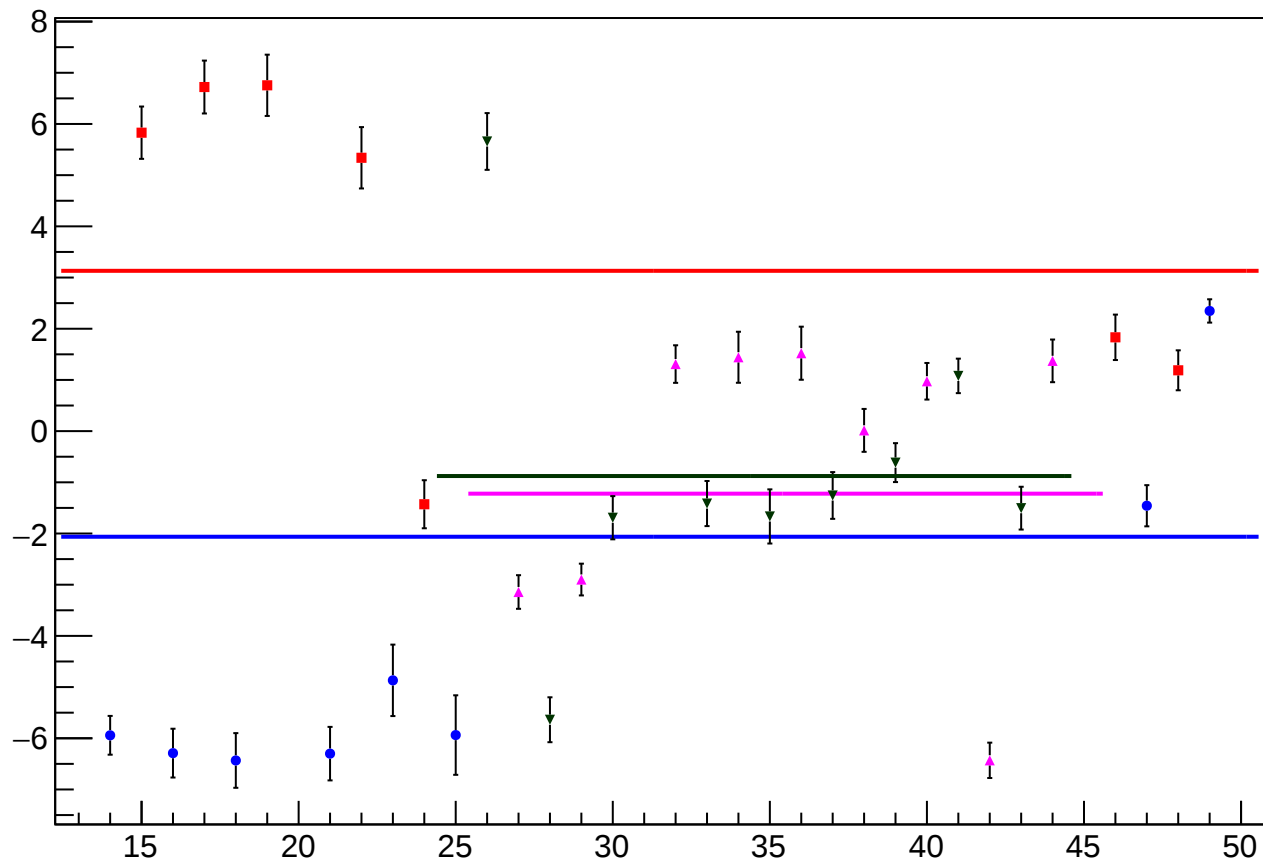
Left Out: 24.083 ± 0.192 χ^2/NDF : 30.9/8

Right Out: -24.106 ± 0.238 χ^2/NDF : 31.3/6

Left In: -23.944 ± 0.173 χ^2/NDF : 61.7/8

1.774 ± 0.096 χ^2/NDF : 64257.6/32

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -2.063 ± 0.145 $\chi^2/\text{NDF}: 734.1/7$

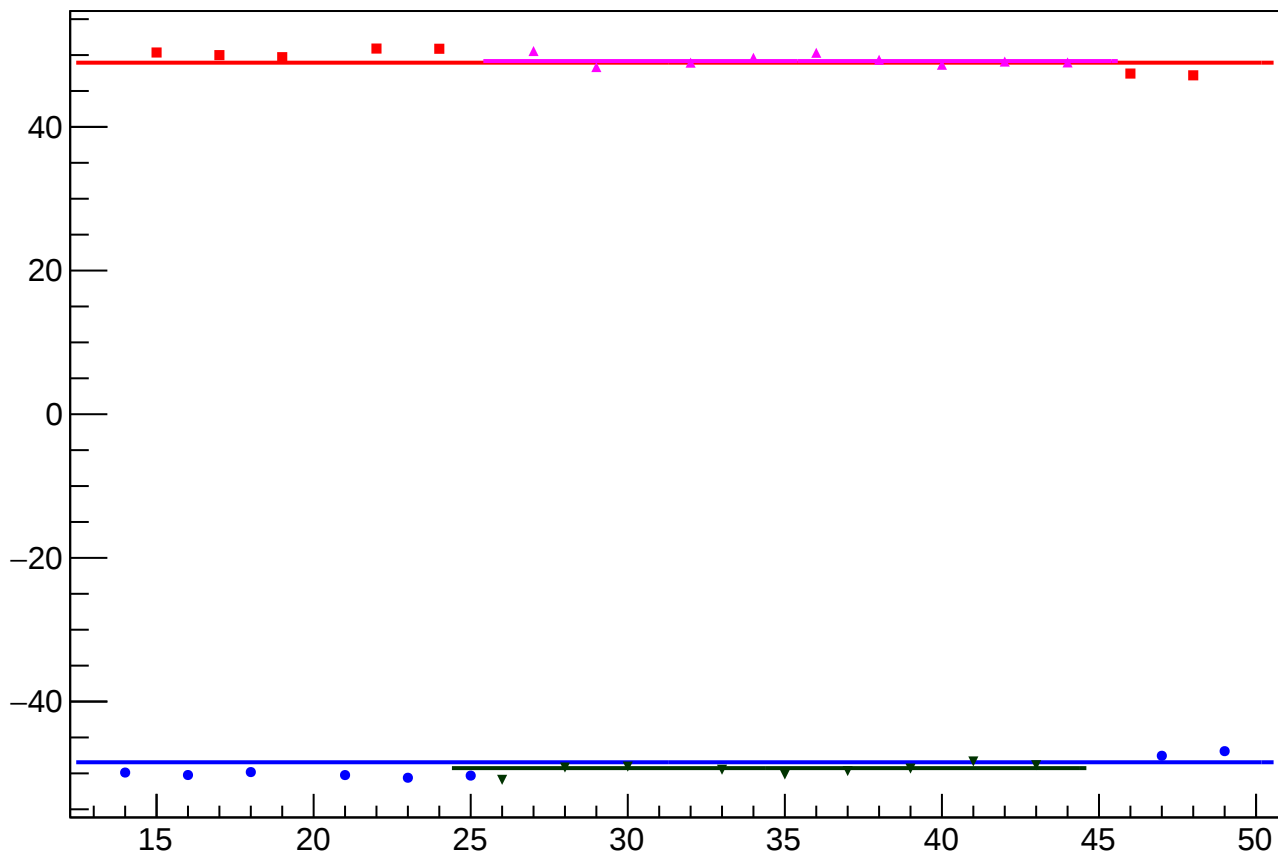
Left Out: -0.877 ± 0.143 $\chi^2/\text{NDF}: 301.4/8$

Right Out: 3.131 ± 0.185 $\chi^2/\text{NDF}: 254.2/6$

Left In: -1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

-0.668 ± 0.073 $\chi^2/\text{NDF}: 2307.5/32$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.453+/-0.035 χ^2/NDF : 1945.1/7

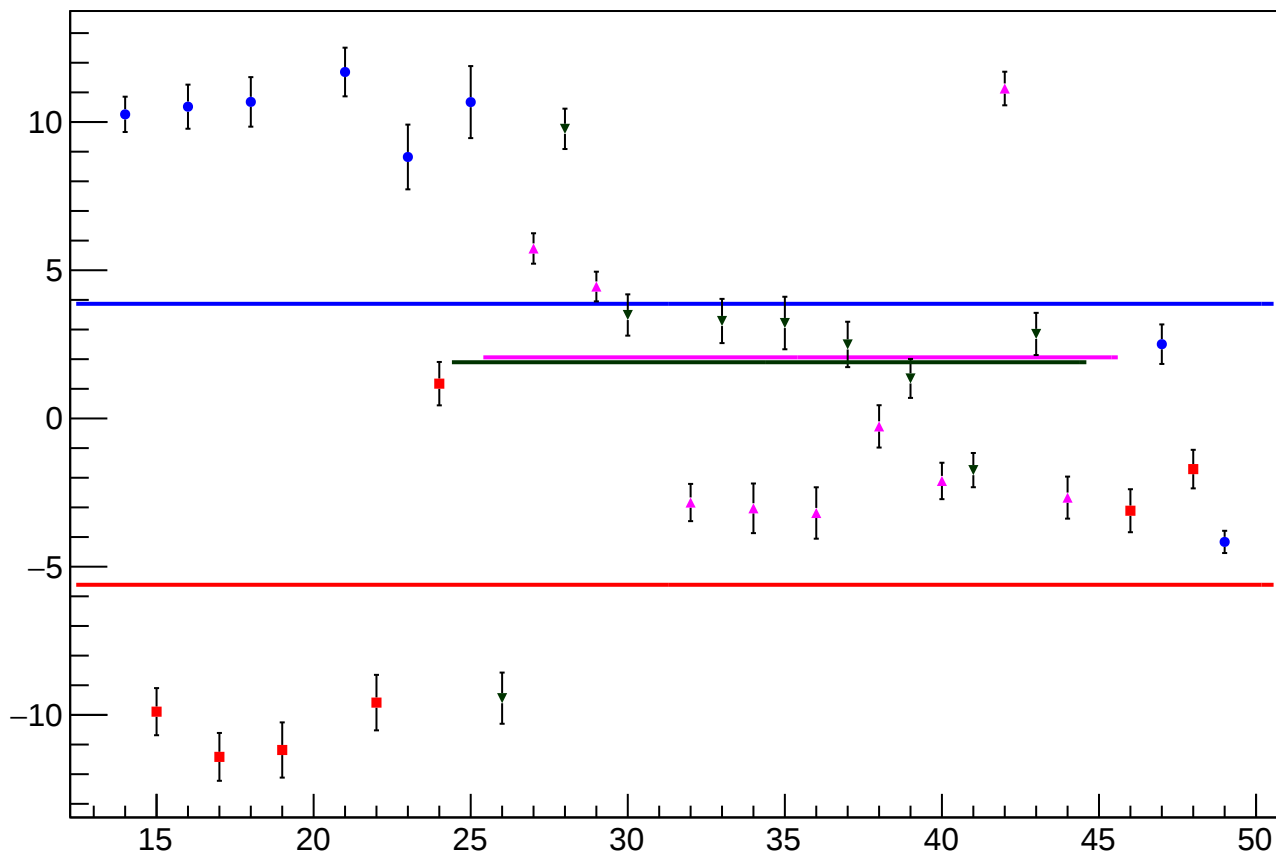
Left Out: -49.268+/-0.032 χ^2/NDF : 377.7/8

Right Out: 48.940+/-0.043 χ^2/NDF : 1405.5/6

Left In: 49.168+/-0.030 χ^2/NDF : 481.7/8

-1.606+/-0.017 χ^2/NDF : 8328120.7/32

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 3.868 ± 0.233 $\chi^2/\text{NDF}: 866.8/7$

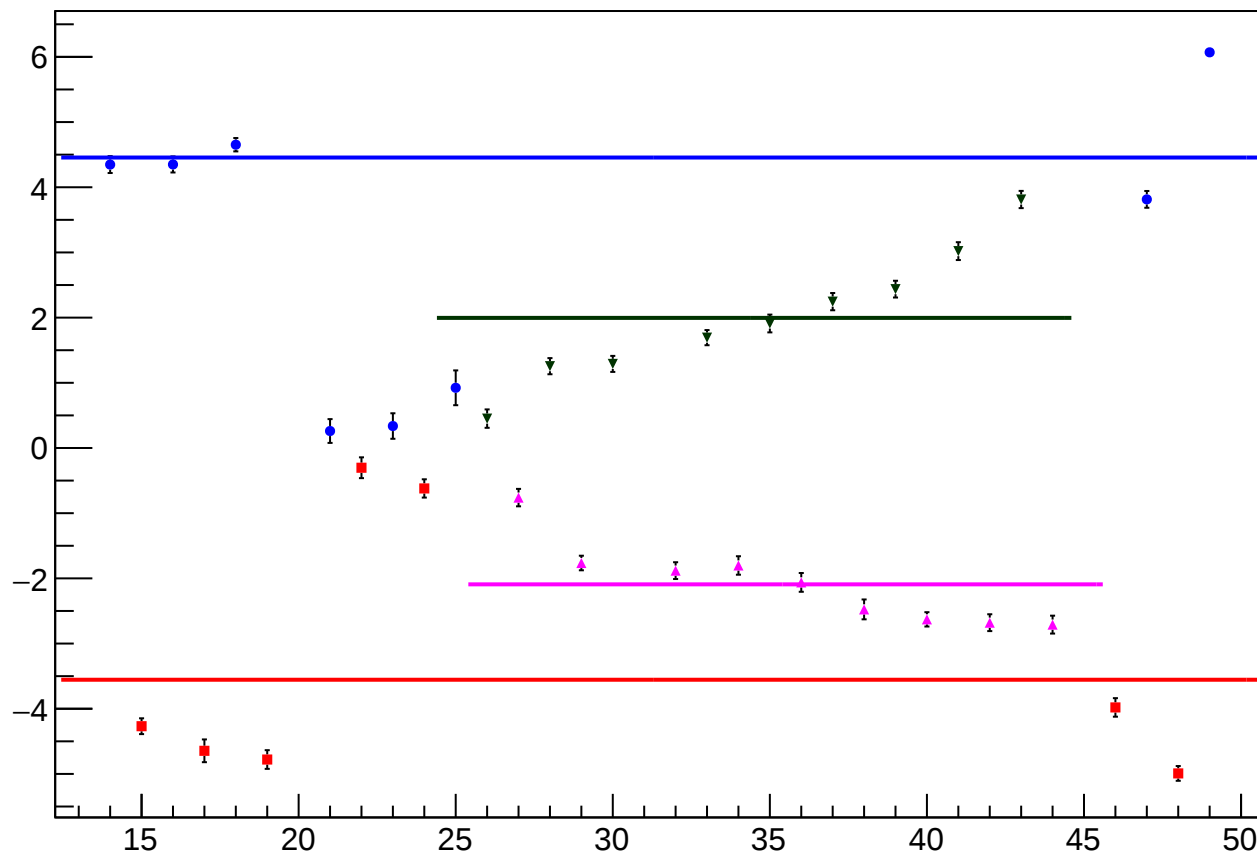
Left Out: 1.897 ± 0.238 $\chi^2/\text{NDF}: 359.8/8$

1.235 ± 0.119 $\chi^2/\text{NDF}: 2752.6/32$

Right Out: -5.611 ± 0.294 $\chi^2/\text{NDF}: 268.4/6$

Left In: 2.062 ± 0.209 $\chi^2/\text{NDF}: 565.8/8$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 4.456 $\pm$ 0.043 χ^2 /NDF: 1687.4/7

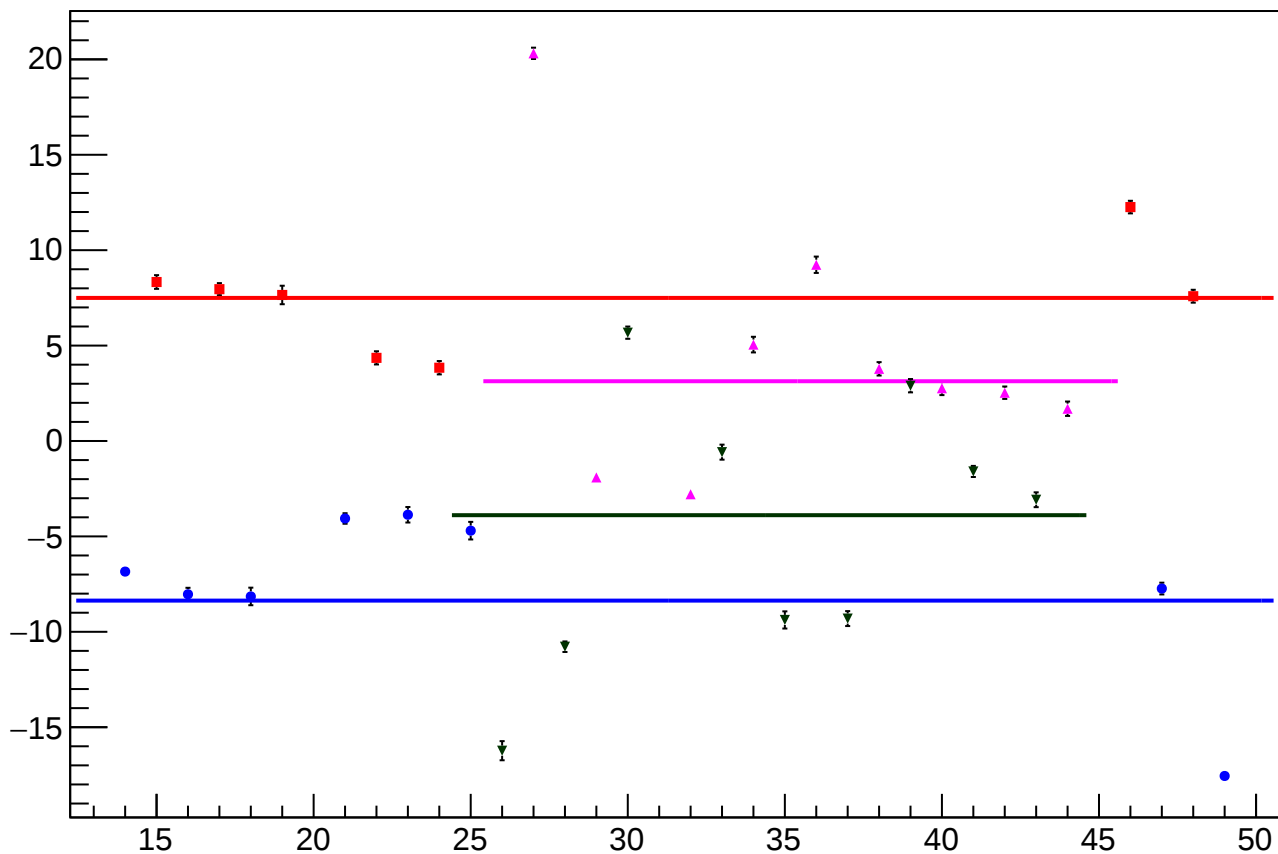
Left Out: 1.996 $\pm$ 0.043 χ^2 /NDF: 455.9/8

Right Out: -3.555 $\pm$ 0.052 χ^2 /NDF: 1169.4/6

Left In: -2.092 $\pm$ 0.043 χ^2 /NDF: 185.6/8

0.551 $\pm$ 0.022 χ^2 /NDF: 22880.0/32

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -8.365+/-0.109 χ^2/NDF : 1798.1/7

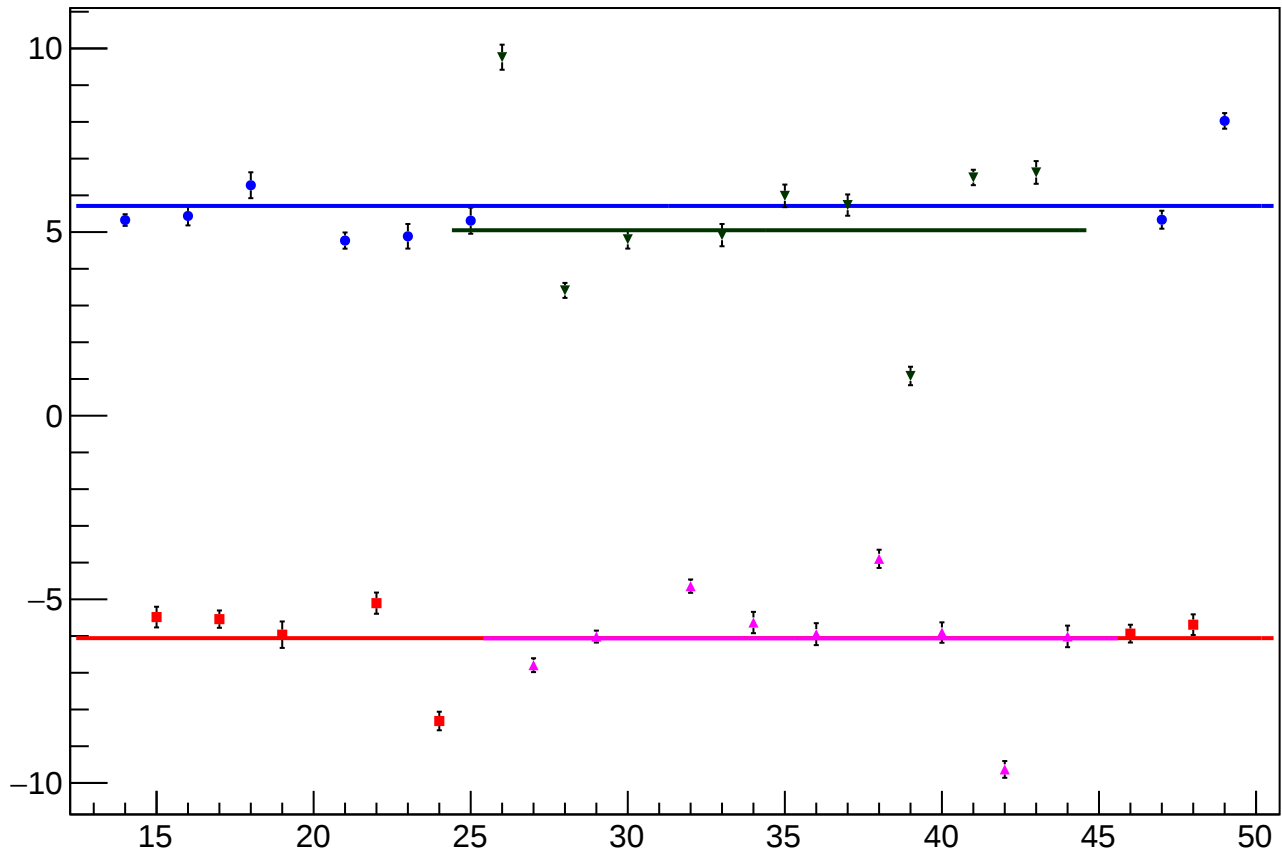
Left Out: -3.888+/-0.118 χ^2/NDF : 2967.8/8

Right Out: 7.498+/-0.133 χ^2/NDF : 407.4/6

Left In: 3.132+/-0.102 χ^2/NDF : 4858.8/8

-0.833+/-0.057 χ^2/NDF : 20907.6/32

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.712 ± 0.085 χ^2/NDF : 156.0/7

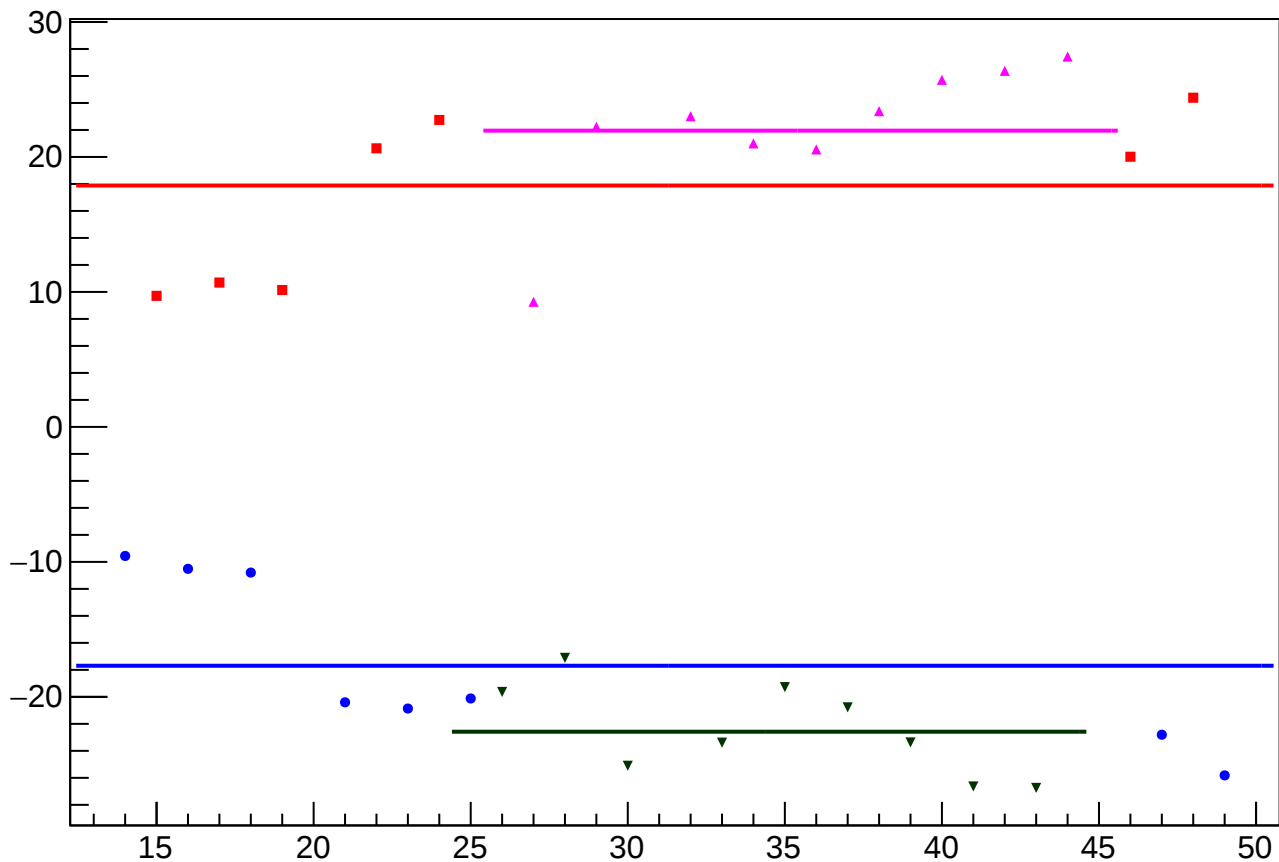
Left Out: 5.050 ± 0.088 χ^2/NDF : 593.0/8

-0.390 ± 0.043 χ^2/NDF : 19135.9/32

Right Out: -6.057 ± 0.102 χ^2/NDF : 101.8/6

Left In: -6.062 ± 0.075 χ^2/NDF : 400.5/8

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -17.695 $\pm$ 0.020 χ^2 /NDF: 94762.4/7

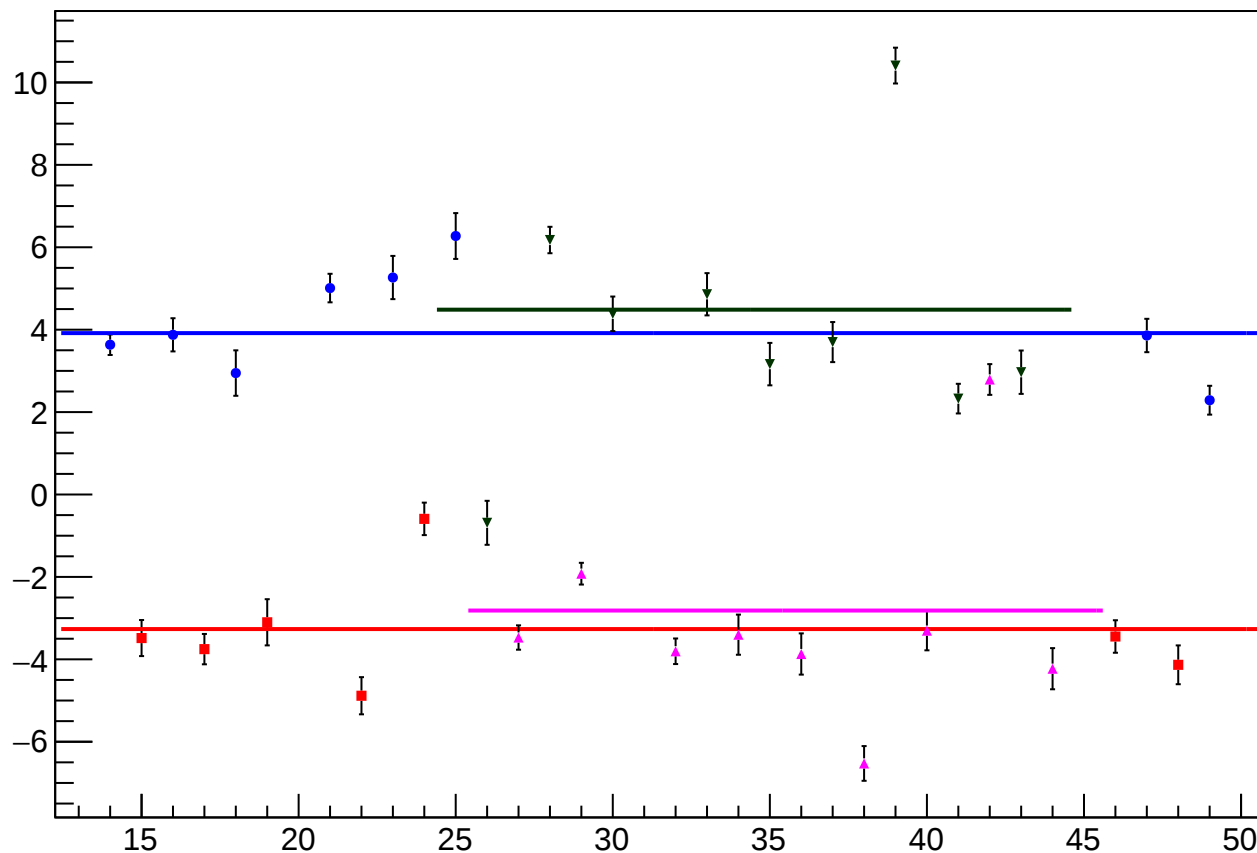
Left Out: -22.582 $\pm$ 0.020 χ^2 /NDF: 29955.2/8

Right Out: 17.883 $\pm$ 0.024 χ^2 /NDF: 54679.8/6

Left In: 21.949 $\pm$ 0.017 χ^2 /NDF: 78860.8/8

0.414 $\pm$ 0.010 χ^2 /NDF: 4472597.3/32

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.917 ± 0.135 χ^2/NDF : 60.6/7

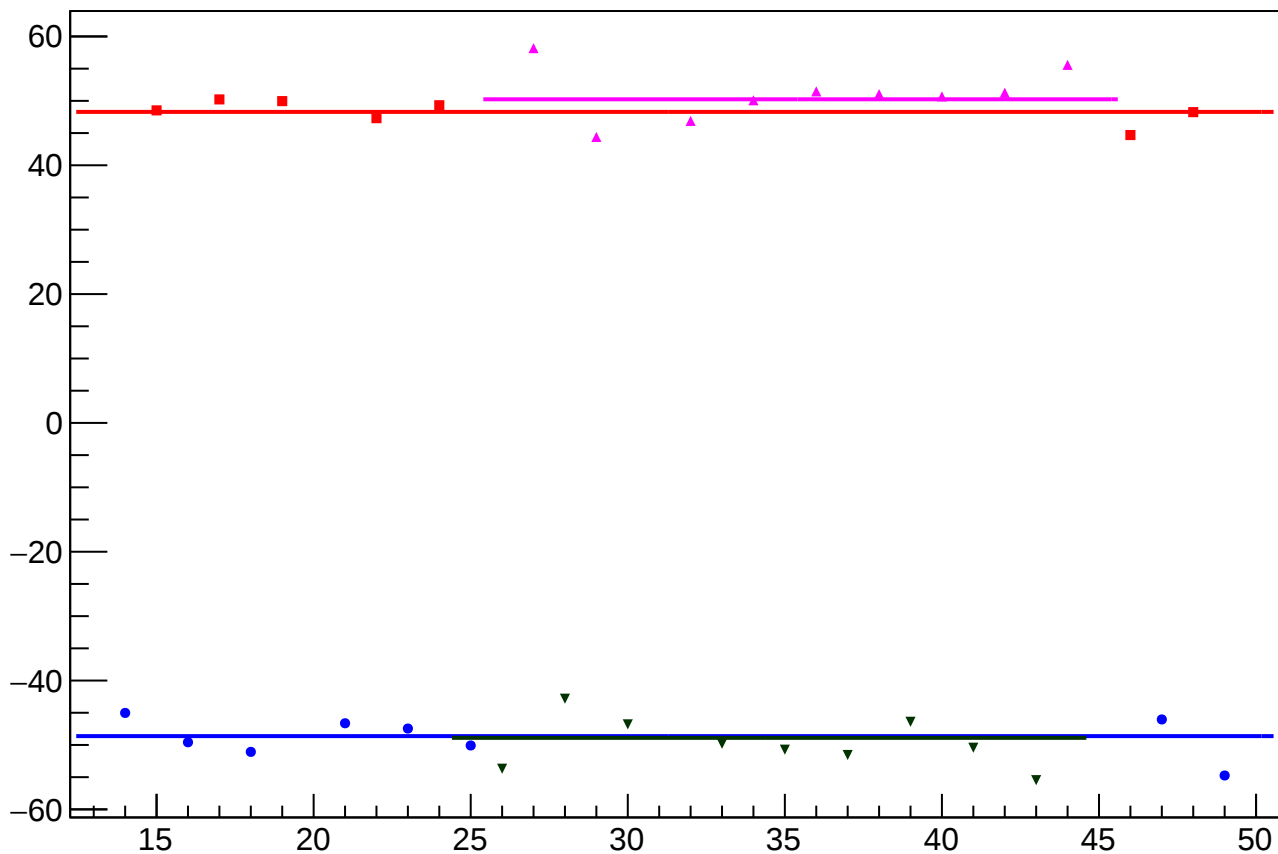
Left Out: 4.486 ± 0.145 χ^2/NDF : 361.5/8

Right Out: -3.266 ± 0.162 χ^2/NDF : 64.6/6

Left In: -2.816 ± 0.123 χ^2/NDF : 345.0/8

0.577 ± 0.070 χ^2/NDF : 3486.9/32

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -48.627 $\pm$ 0.026 χ^2 /NDF: 16097.1/7

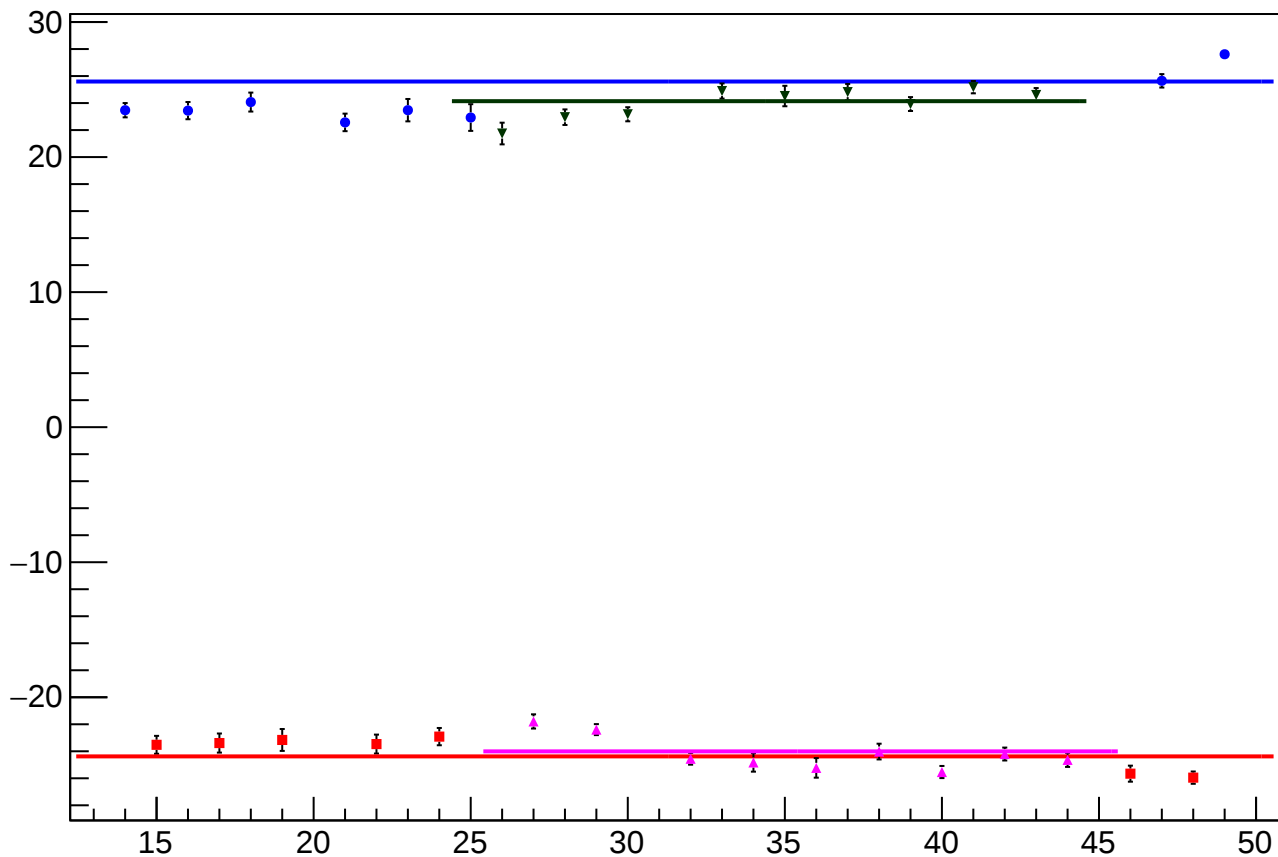
Left Out: -48.894 $\pm$ 0.027 χ^2 /NDF: 21073.6/8

Right Out: 48.287 $\pm$ 0.029 χ^2 /NDF: 3463.3/6

Left In: 50.244 $\pm$ 0.026 χ^2 /NDF: 27248.9/8

-1.602 $\pm$ 0.013 χ^2 /NDF: 13276479.1/32

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 25.595 ± 0.179 χ^2/NDF : 125.8/7

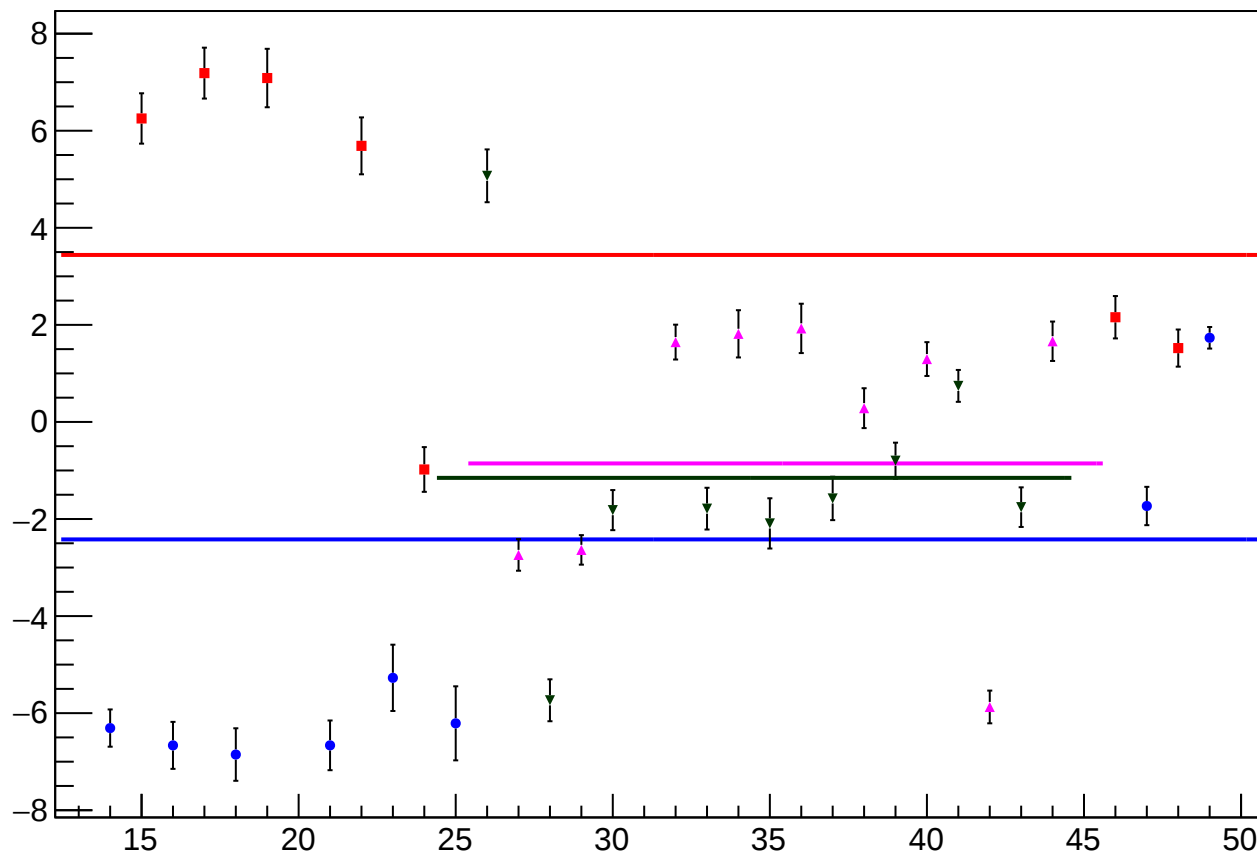
Left Out: 24.140 ± 0.188 χ^2/NDF : 26.0/8

1.853 ± 0.094 χ^2/NDF : 67536.3/32

Right Out: -24.378 ± 0.236 χ^2/NDF : 29.4/6

Left In: -24.007 ± 0.169 χ^2/NDF : 52.5/8

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -2.420 ± 0.143 χ^2/NDF : 709.4/7

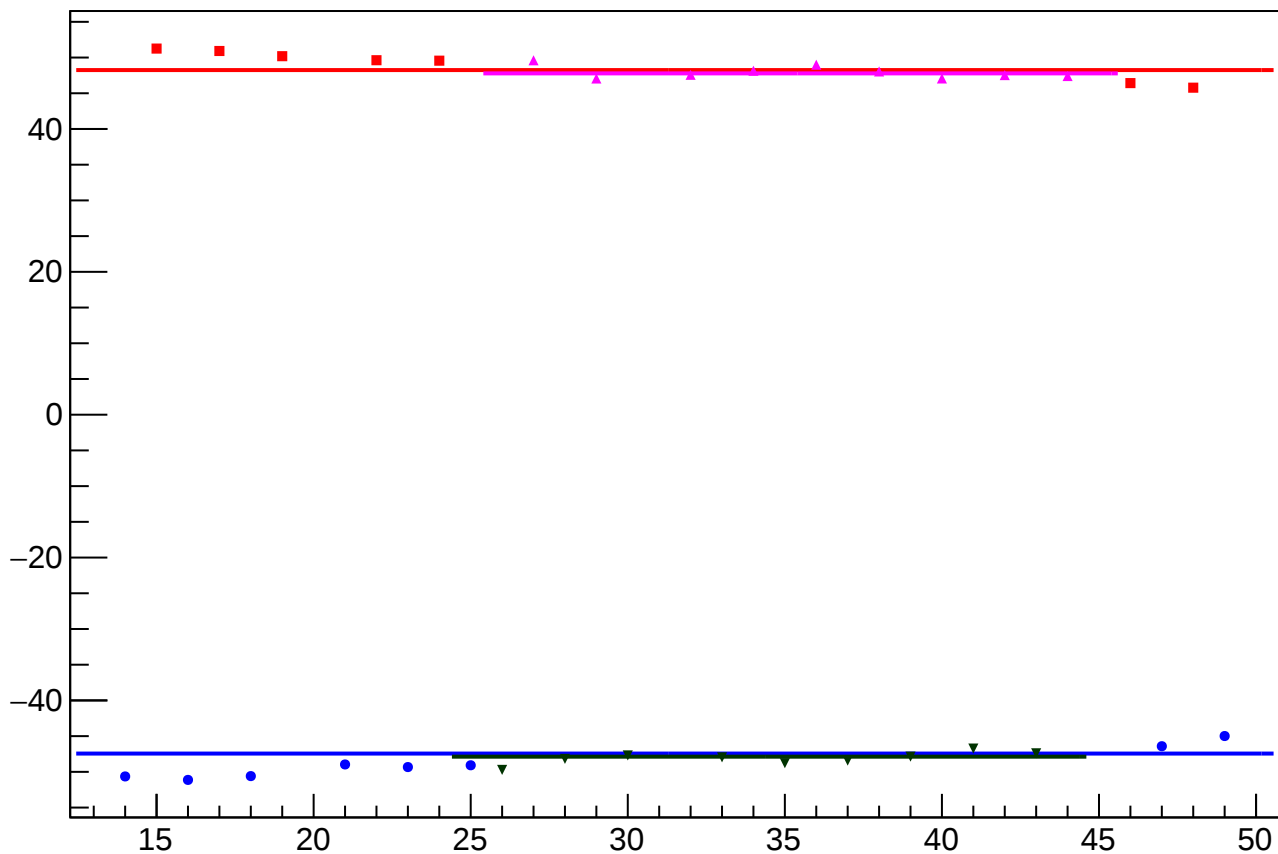
Left Out: -1.152 ± 0.140 χ^2/NDF : 288.7/8

Right Out: 3.441 ± 0.183 χ^2/NDF : 257.6/6

Left In: -0.855 ± 0.124 χ^2/NDF : 482.1/8

-0.668 ± 0.072 χ^2/NDF : 2405.0/32

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.440+/-0.034 χ^2/NDF : 5001.9/7

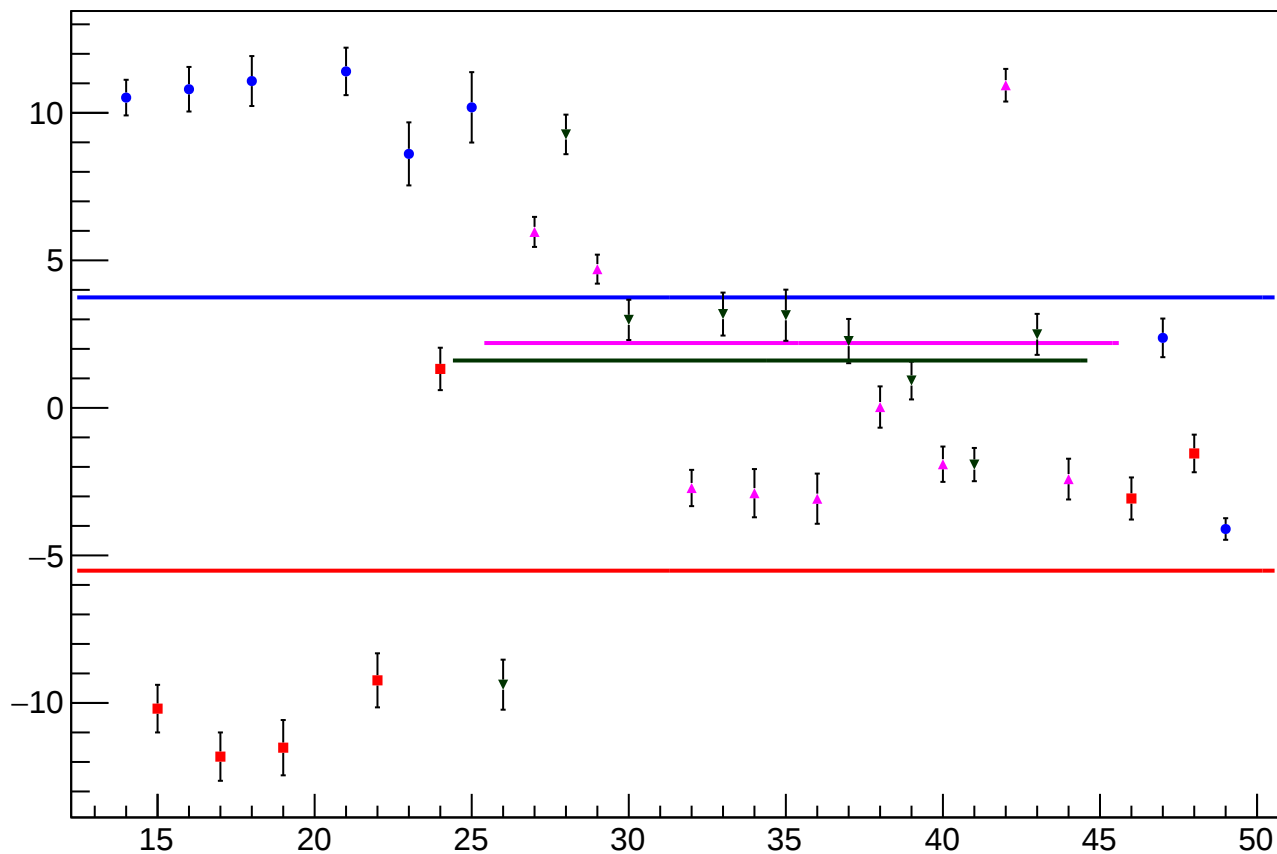
Left Out: -47.875+/-0.031 χ^2/NDF : 531.8/8

Right Out: 48.246+/-0.042 χ^2/NDF : 2619.8/6

Left In: 47.781+/-0.029 χ^2/NDF : 693.0/8

-1.549+/-0.017 χ^2/NDF : 8220511.9/32

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 3.745 ± 0.231 $\chi^2/\text{NDF}: 892.9/7$

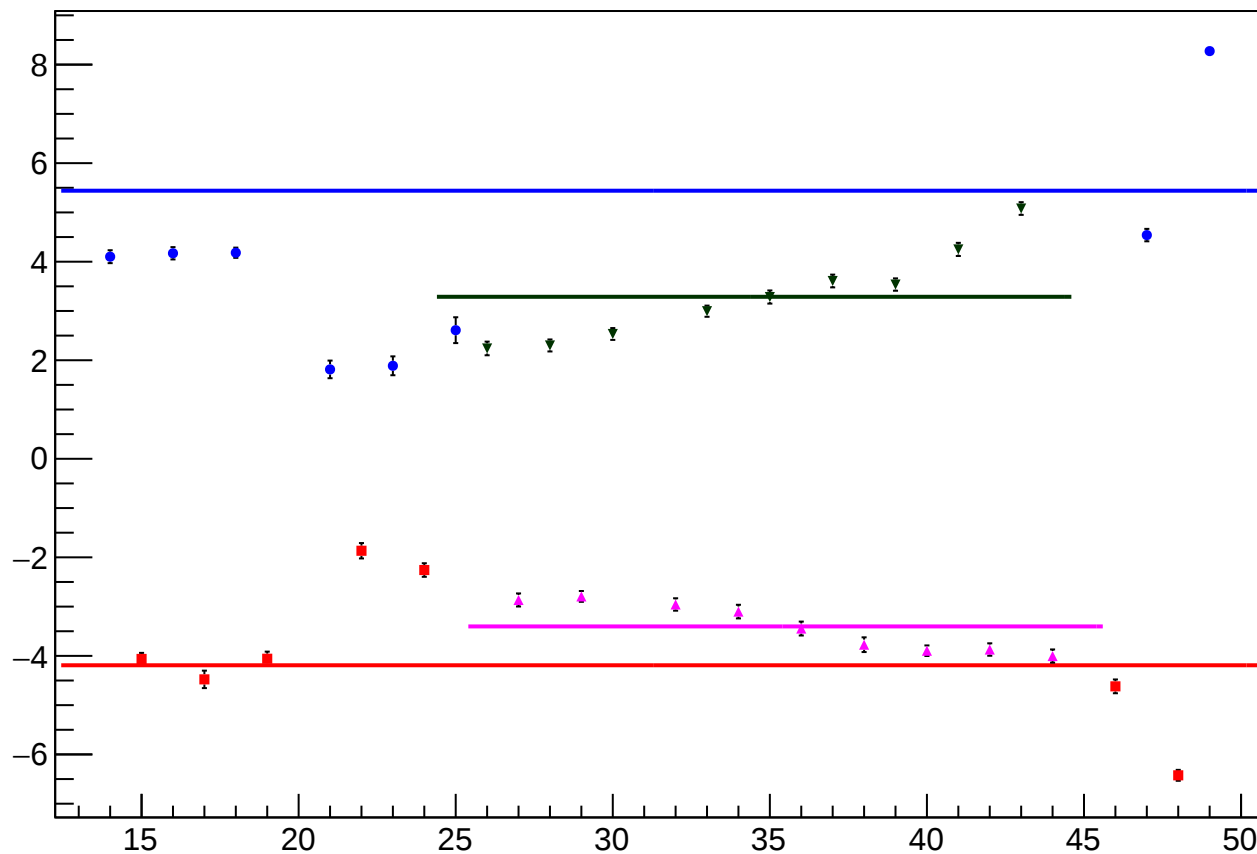
Left Out: 1.606 ± 0.233 $\chi^2/\text{NDF}: 353.3/8$

Right Out: -5.517 ± 0.292 $\chi^2/\text{NDF}: 291.3/6$

Left In: 2.198 ± 0.205 $\chi^2/\text{NDF}: 572.5/8$

1.205 ± 0.117 $\chi^2/\text{NDF}: 2787.1/32$

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 5.441 ± 0.042 χ^2/NDF : 2931.2/7

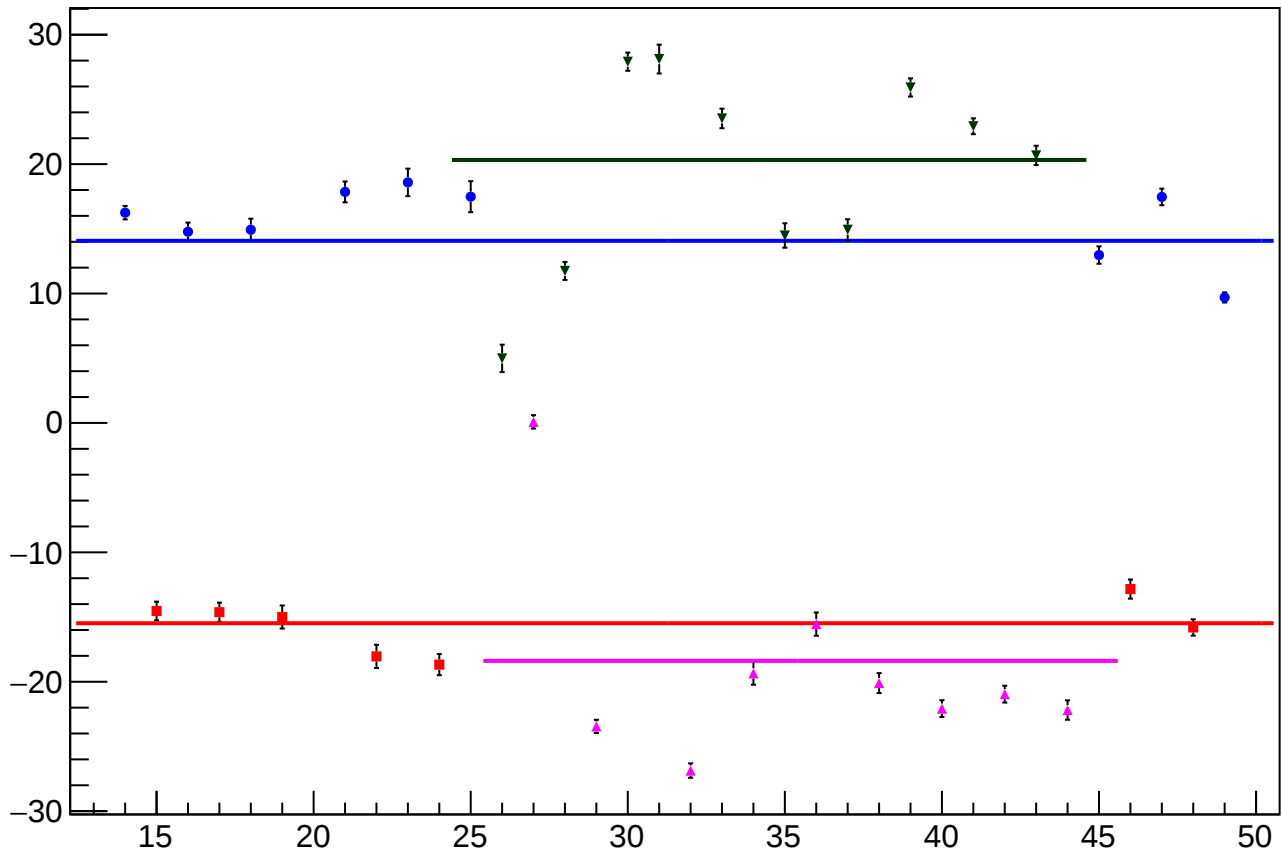
Left Out: 3.288 ± 0.042 χ^2/NDF : 423.4/8

Right Out: -4.191 ± 0.052 χ^2/NDF : 837.3/6

Left In: -3.402 ± 0.042 χ^2/NDF : 125.8/8

0.696 ± 0.022 χ^2/NDF : 38834.3/32

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 14.074+/-0.217 χ^2/NDF : 222.8/8

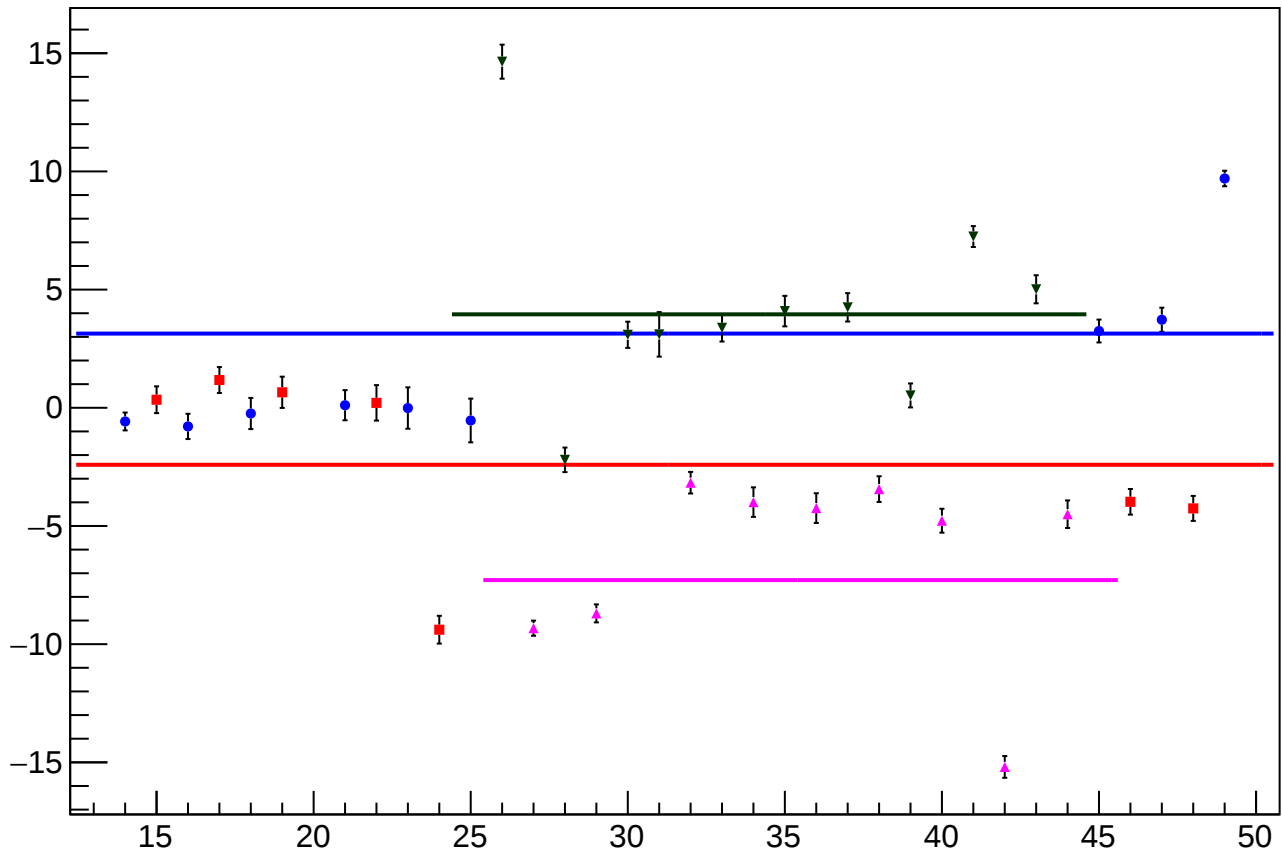
Left Out: 20.323+/-0.245 χ^2/NDF : 709.6/9

Right Out: -15.478+/-0.288 χ^2/NDF : 39.8/6

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.799+/-0.118 χ^2/NDF : 23873.4/34

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.139 ± 0.169 $\chi^2/\text{NDF}: 628.8/8$

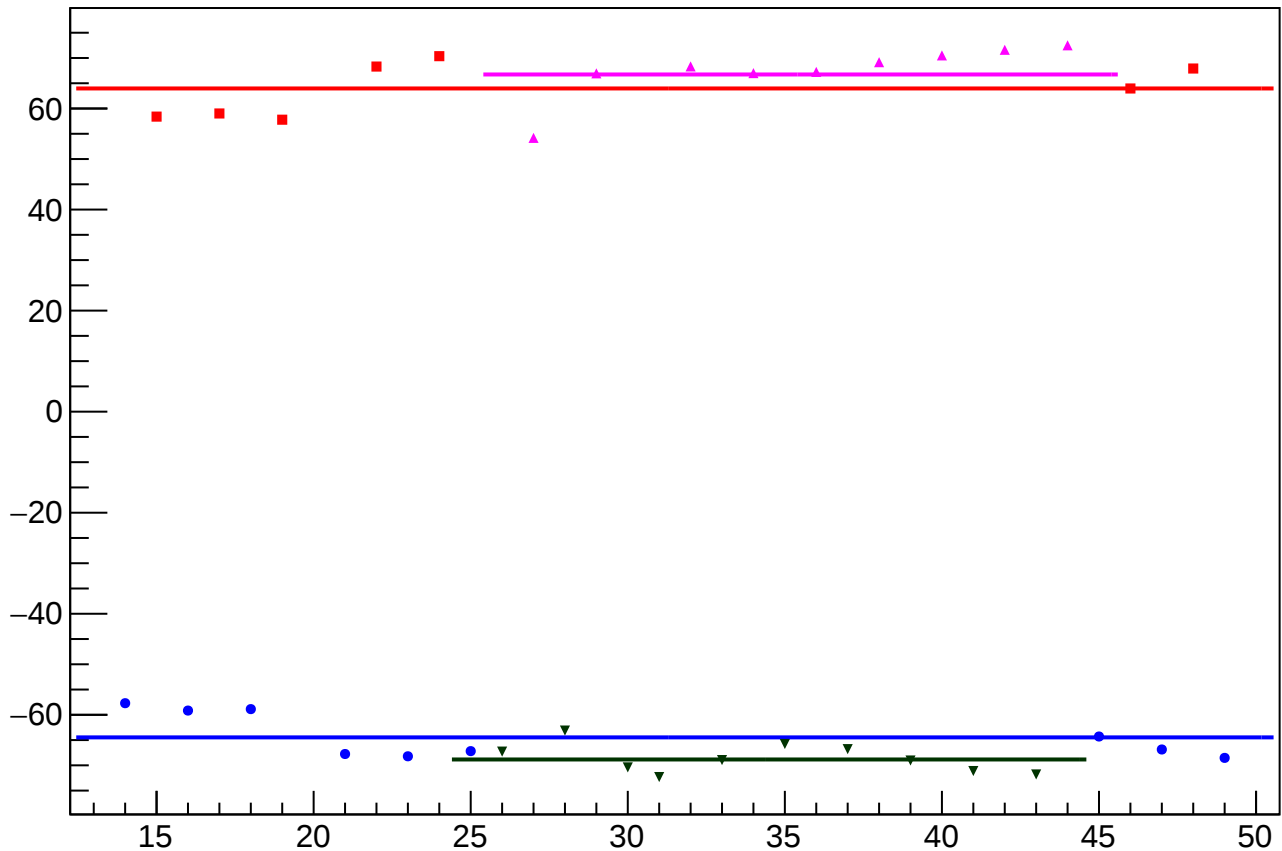
Left Out: 3.954 ± 0.183 $\chi^2/\text{NDF}: 470.5/9$

Right Out: -2.410 ± 0.222 $\chi^2/\text{NDF}: 261.6/6$

Left In: -7.289 ± 0.155 $\chi^2/\text{NDF}: 579.9/8$

-0.968 ± 0.089 $\chi^2/\text{NDF}: 4962.7/34$

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -64.468 ± 0.040 $\chi^2/\text{NDF}: 11282.7/8$

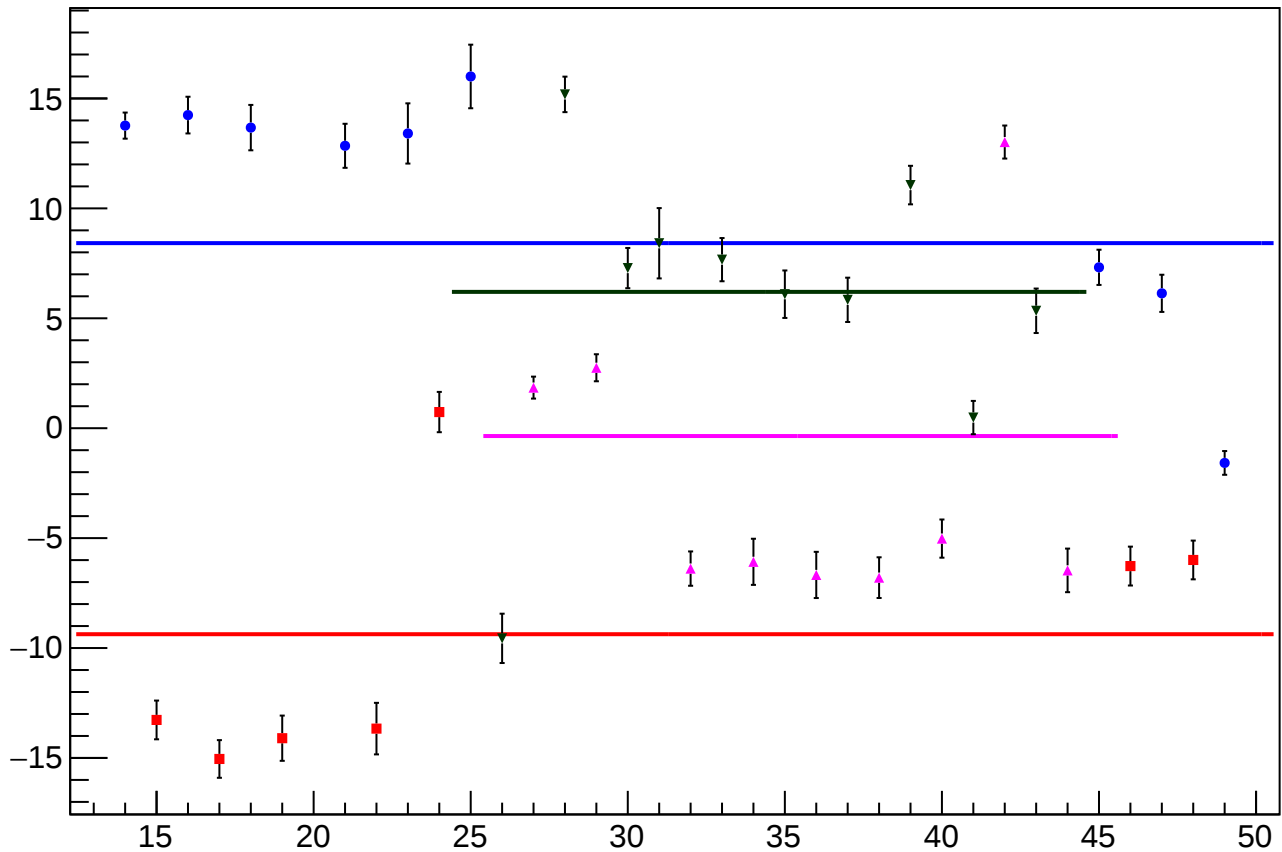
Left Out: -68.841 ± 0.040 $\chi^2/\text{NDF}: 4612.8/9$

Right Out: 63.969 ± 0.052 $\chi^2/\text{NDF}: 7637.2/6$

Left In: 66.738 ± 0.037 $\chi^2/\text{NDF}: 23839.1/8$

-4.229 ± 0.021 $\chi^2/\text{NDF}: 10176198.8/34$

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 8.419 ± 0.271 χ^2/NDF : 567.5/8

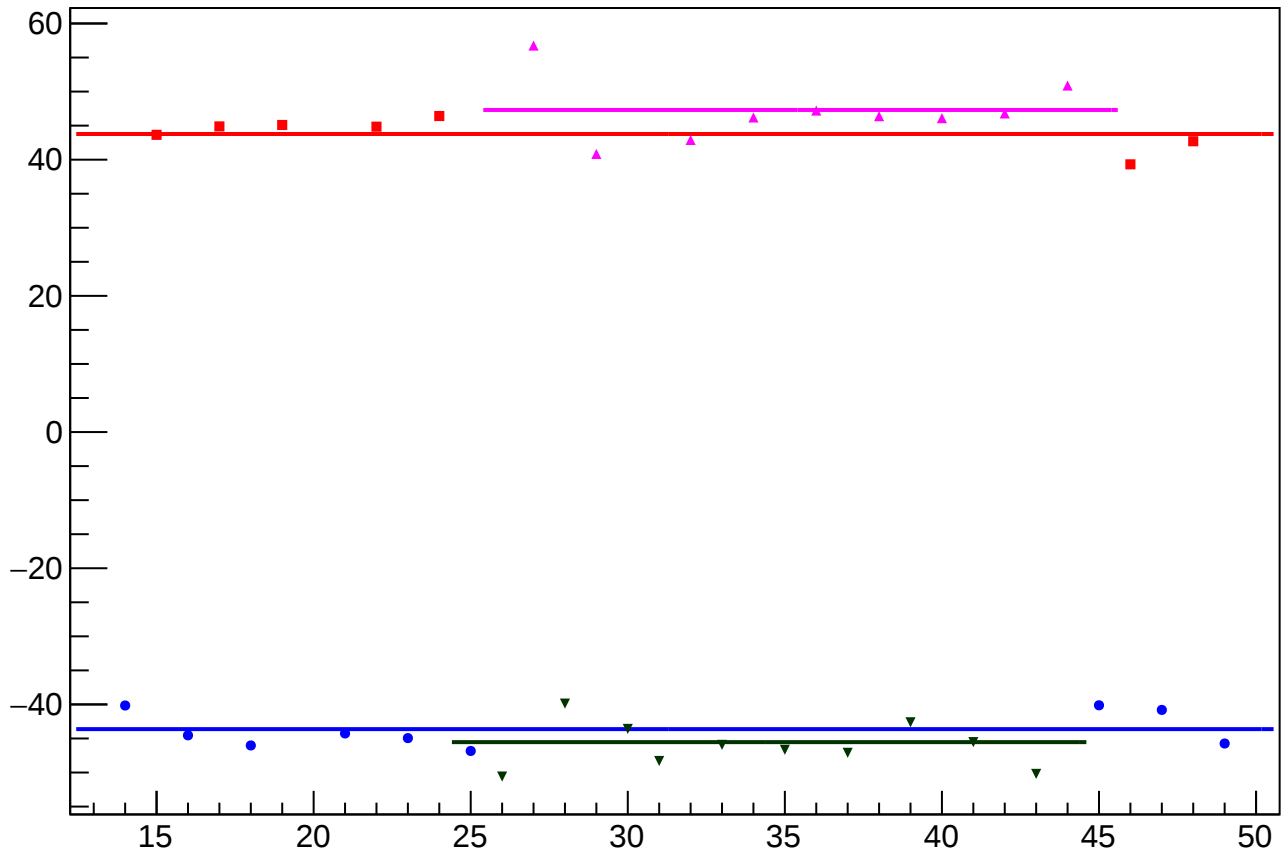
Left Out: 6.202 ± 0.304 χ^2/NDF : 415.3/9

2.097 ± 0.145 χ^2/NDF : 3712.6/34

Right Out: -9.371 ± 0.352 χ^2/NDF : 246.5/6

Left In: -0.356 ± 0.255 χ^2/NDF : 602.4/8

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -43.625+/-0.051 χ^2/NDF : 2425.3/8

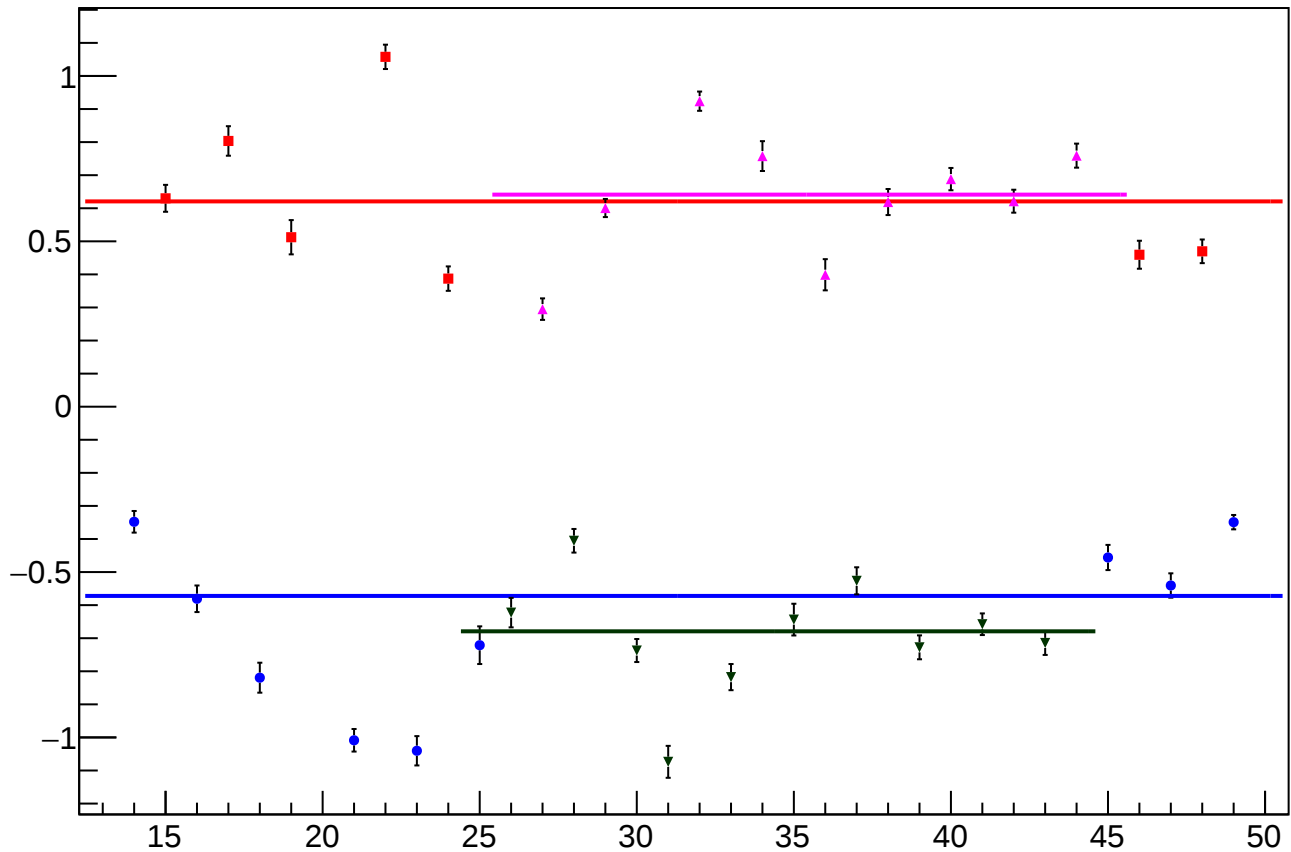
Left Out: -45.536+/-0.055 χ^2/NDF : 3476.0/9

Right Out: 43.770+/-0.063 χ^2/NDF : 1064.3/6

Left In: 47.301+/-0.054 χ^2/NDF : 8552.3/8

-3.433+/-0.028 χ^2/NDF : 2666005.9/34

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.572 ± 0.012 χ^2/NDF : 474.0/8

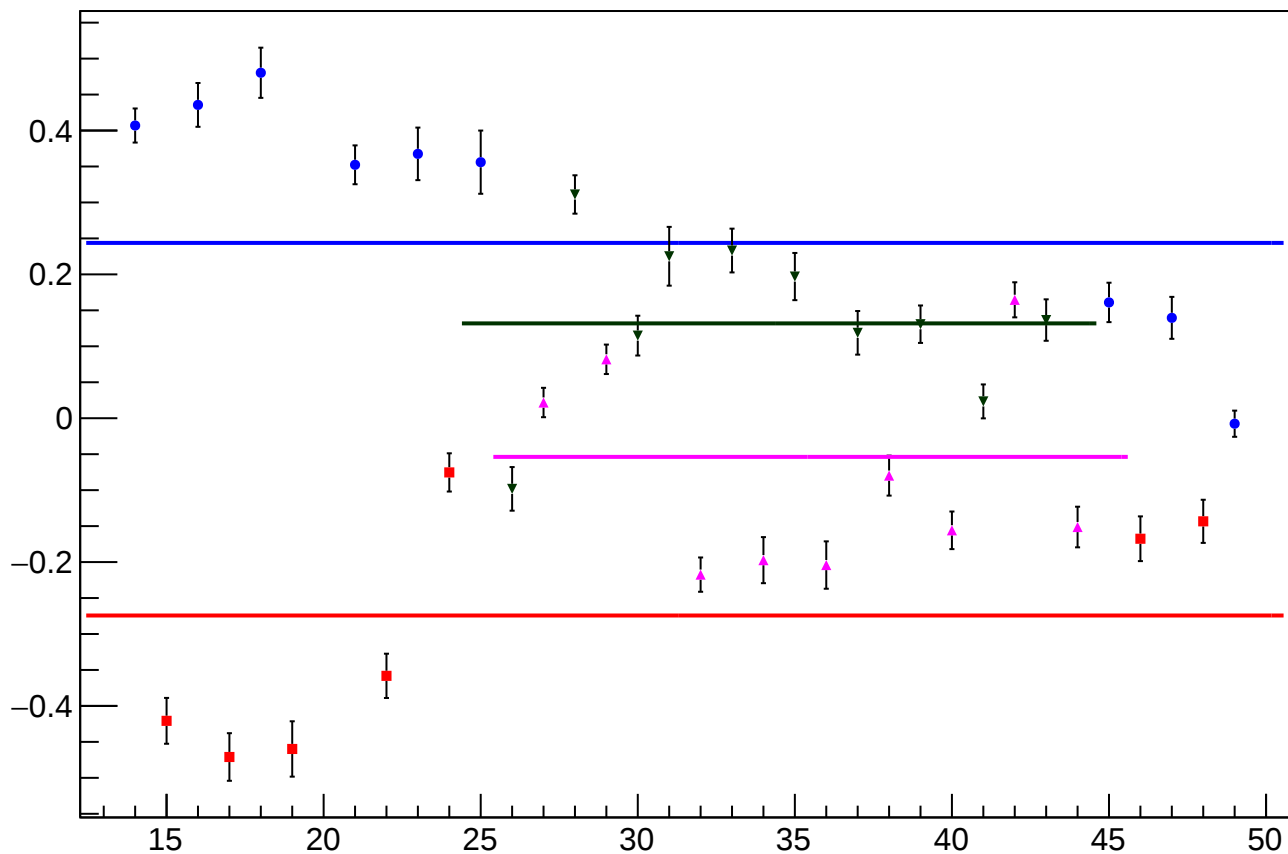
Left Out: -0.679 ± 0.012 χ^2/NDF : 159.8/9

Right Out: 0.621 ± 0.015 χ^2/NDF : 234.4/6

Left In: 0.641 ± 0.012 χ^2/NDF : 255.8/8

-0.047 ± 0.006 χ^2/NDF : 11264.5/34

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.244 $\pm$ 0.009 χ^2 /NDF: 379.9/8

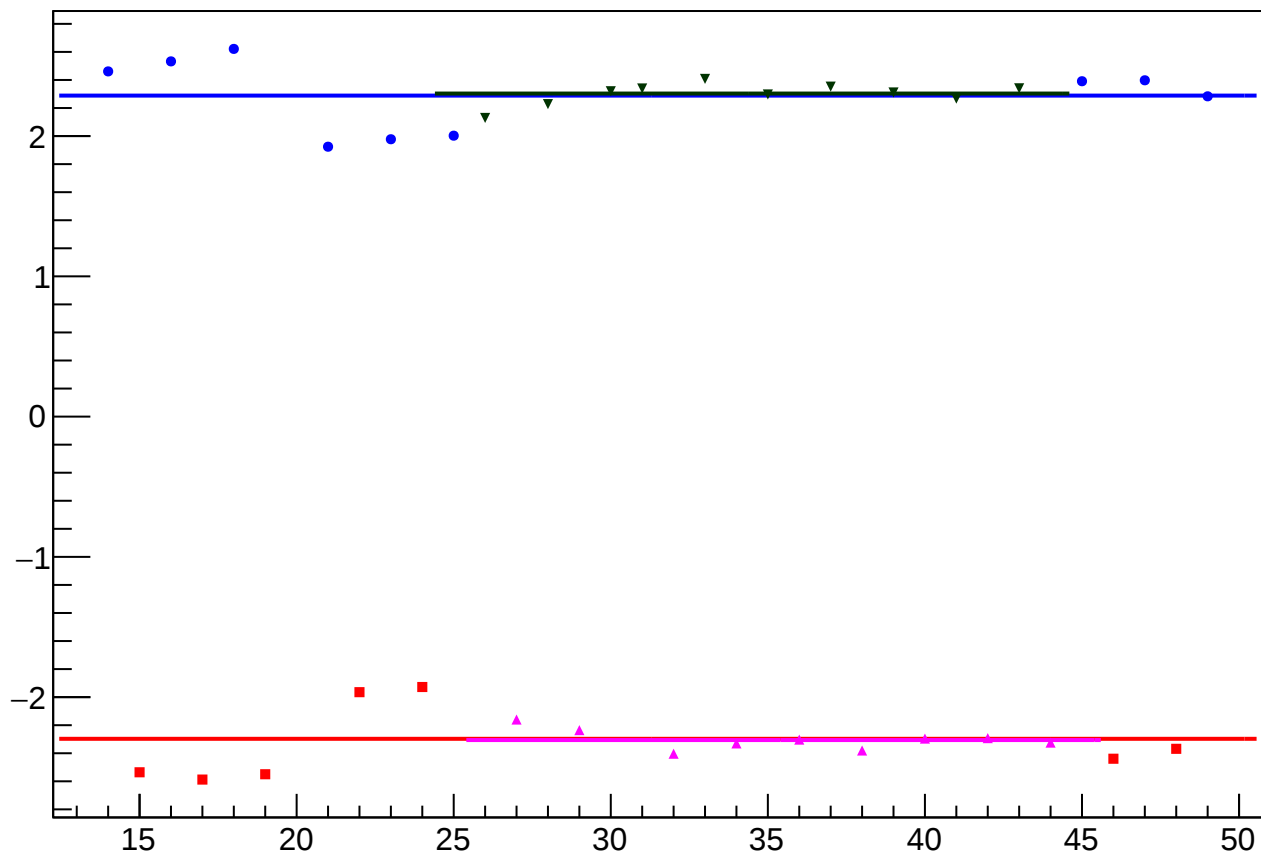
Left Out: 0.132 $\pm$ 0.009 χ^2 /NDF:144.7/9

0.038 $\pm$ 0.005 χ^2 /NDF: 2379.1/34

Right Out: -0.274 $\pm$ 0.012 χ^2 /NDF: 173.9/6

Left In: -0.054 $\pm$ 0.008 χ^2 /NDF:253.9/8

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.289 $\pm$ 0.002 χ^2 /NDF: 9839.5/8

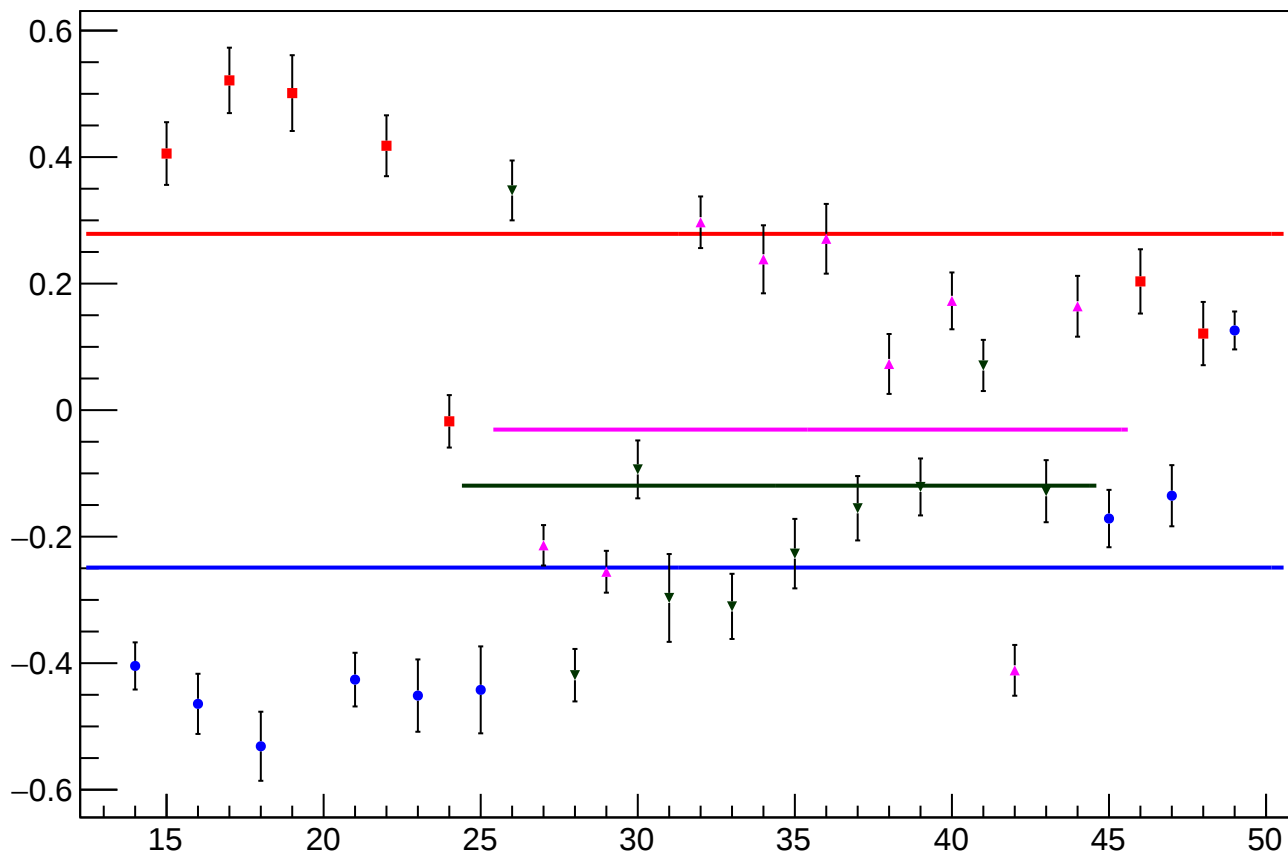
Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF: 1196.2/9

Right Out: -2.297 $\pm$ 0.003 χ^2 /NDF: 8673.4/6

Left In: -2.306 $\pm$ 0.002 χ^2 /NDF: 1460.0/8

0.194 $\pm$ 0.001 χ^2 /NDF: 4475972.4/34

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.249 ± 0.015 $\chi^2/\text{NDF}: 267.3/8$

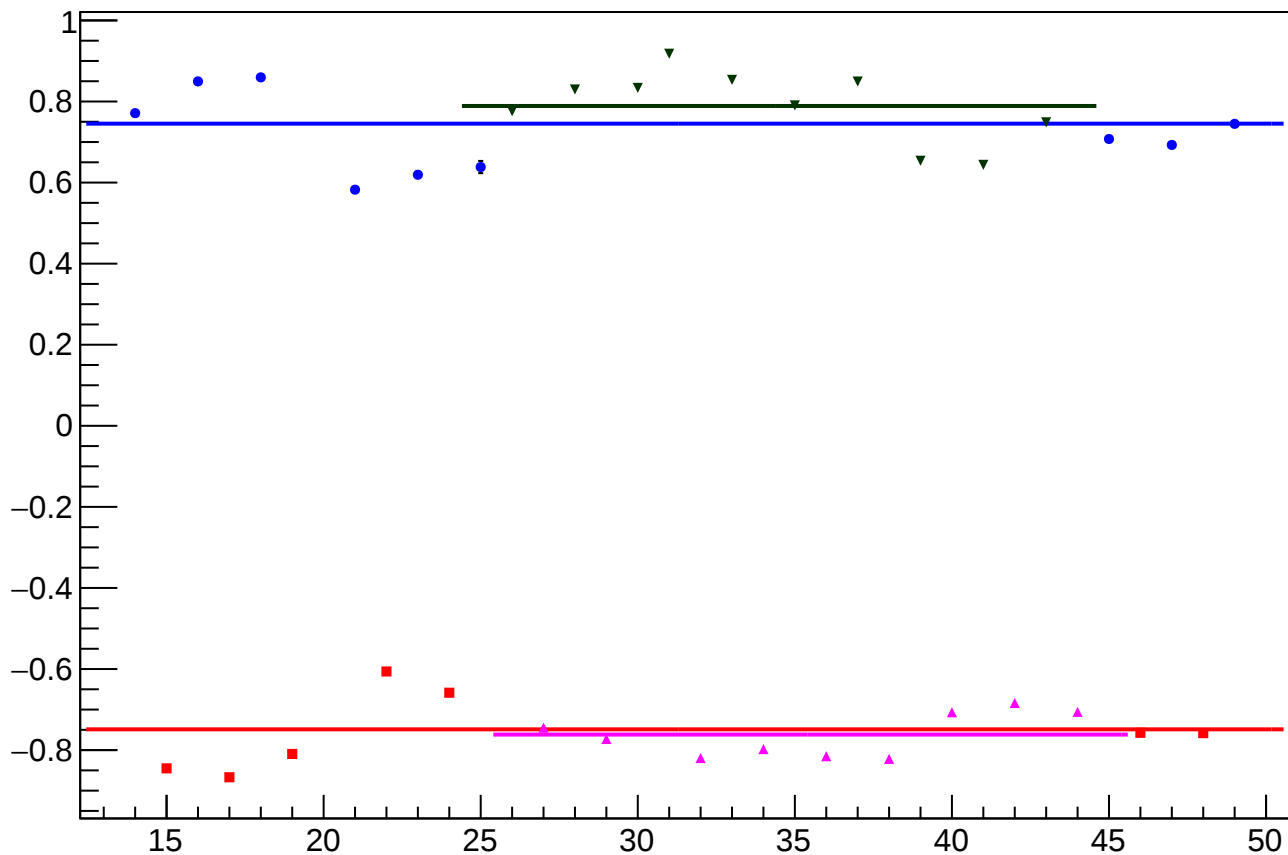
Left Out: -0.119 ± 0.015 $\chi^2/\text{NDF}: 196.5/9$

Right Out: 0.279 ± 0.019 $\chi^2/\text{NDF}: 113.9/6$

Left In: -0.031 ± 0.014 $\chi^2/\text{NDF}: 330.1/8$

-0.060 ± 0.008 $\chi^2/\text{NDF}: 1419.5/34$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.745+/-0.003 χ^2/NDF : 1020.4/8

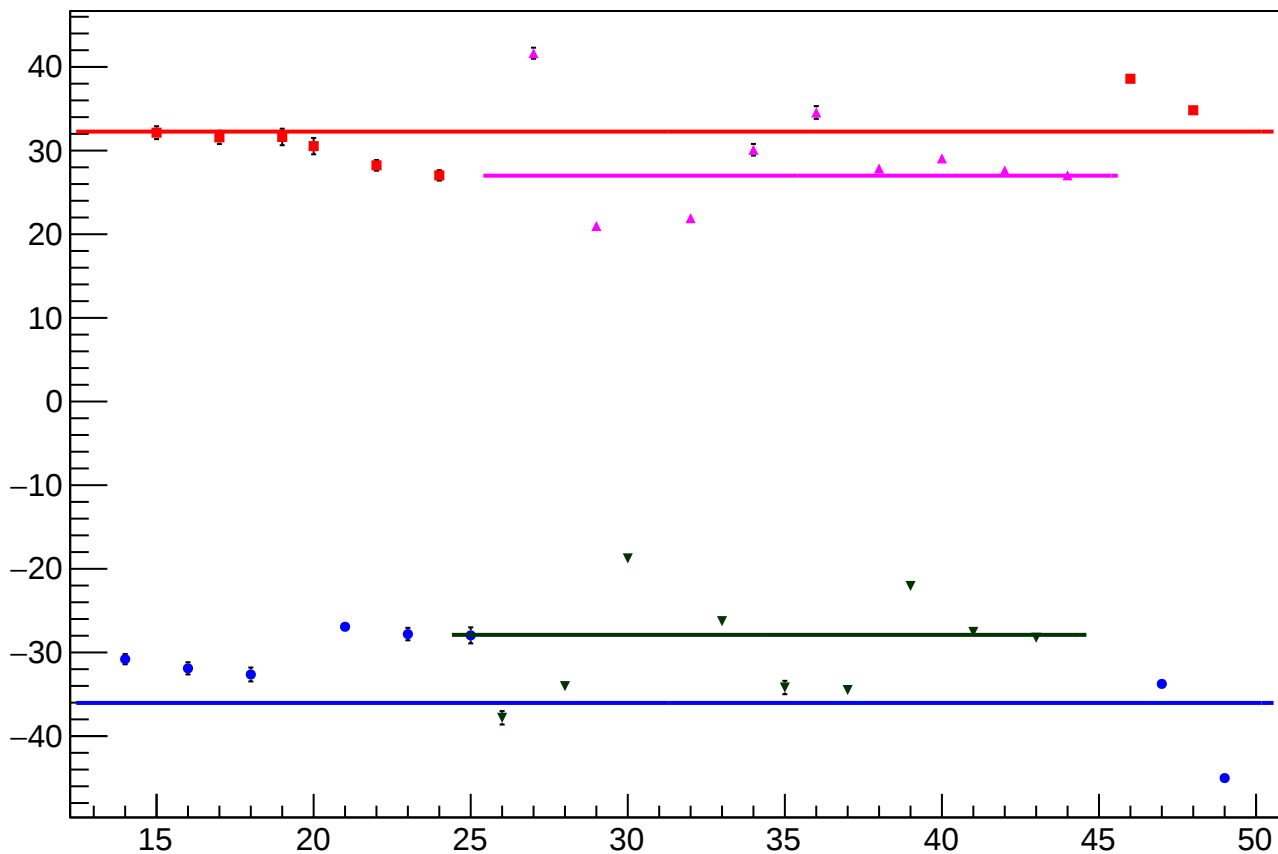
Left Out: 0.789+/-0.003 χ^2/NDF : 762.0/9

Right Out: -0.749+/-0.003 χ^2/NDF : 749.9/6

Left In: -0.762+/-0.003 χ^2/NDF : 293.1/8

0.095+/-0.001 χ^2/NDF : 276301.8/34

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -36.034 $\pm$ 0.200 χ^2 /NDF: 1329.1/7

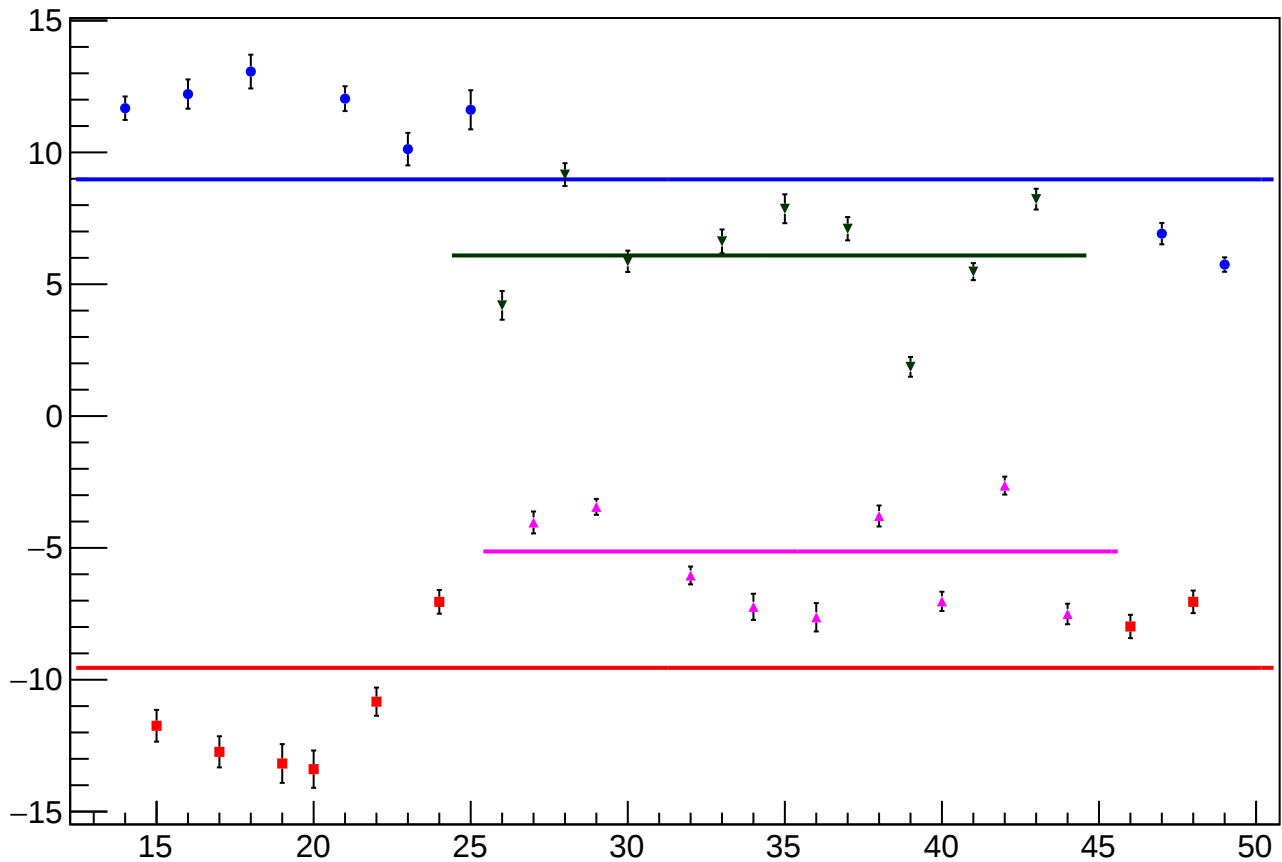
Left Out: -27.895 $\pm$ 0.187 χ^2 /NDF: 907.7/8

-2.154 $\pm$ 0.098 χ^2 /NDF: 100053.8/33

Right Out: 32.272 $\pm$ 0.243 χ^2 /NDF: 250.3/7

Left In: 27.002 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 8.977 ± 0.160 $\chi^2/\text{NDF}: 334.6/7$

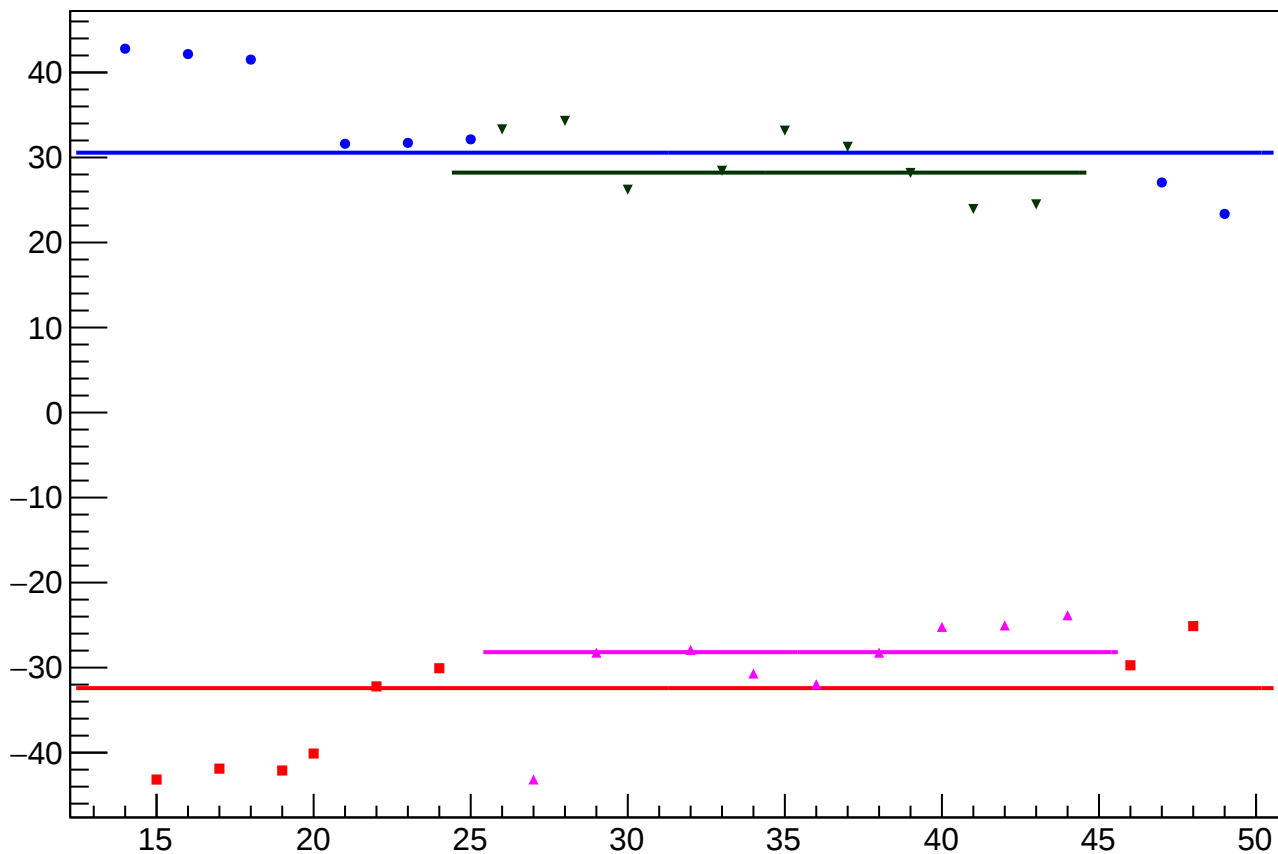
Left Out: 6.091 ± 0.140 $\chi^2/\text{NDF}: 240.2/8$

0.399 ± 0.074 $\chi^2/\text{NDF}: 10231.4/33$

Right Out: -9.548 ± 0.187 $\chi^2/\text{NDF}: 179.9/7$

Left In: -5.135 ± 0.127 $\chi^2/\text{NDF}: 214.5/8$

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 30.566+/-0.038 χ^2/NDF : 35223.3/7

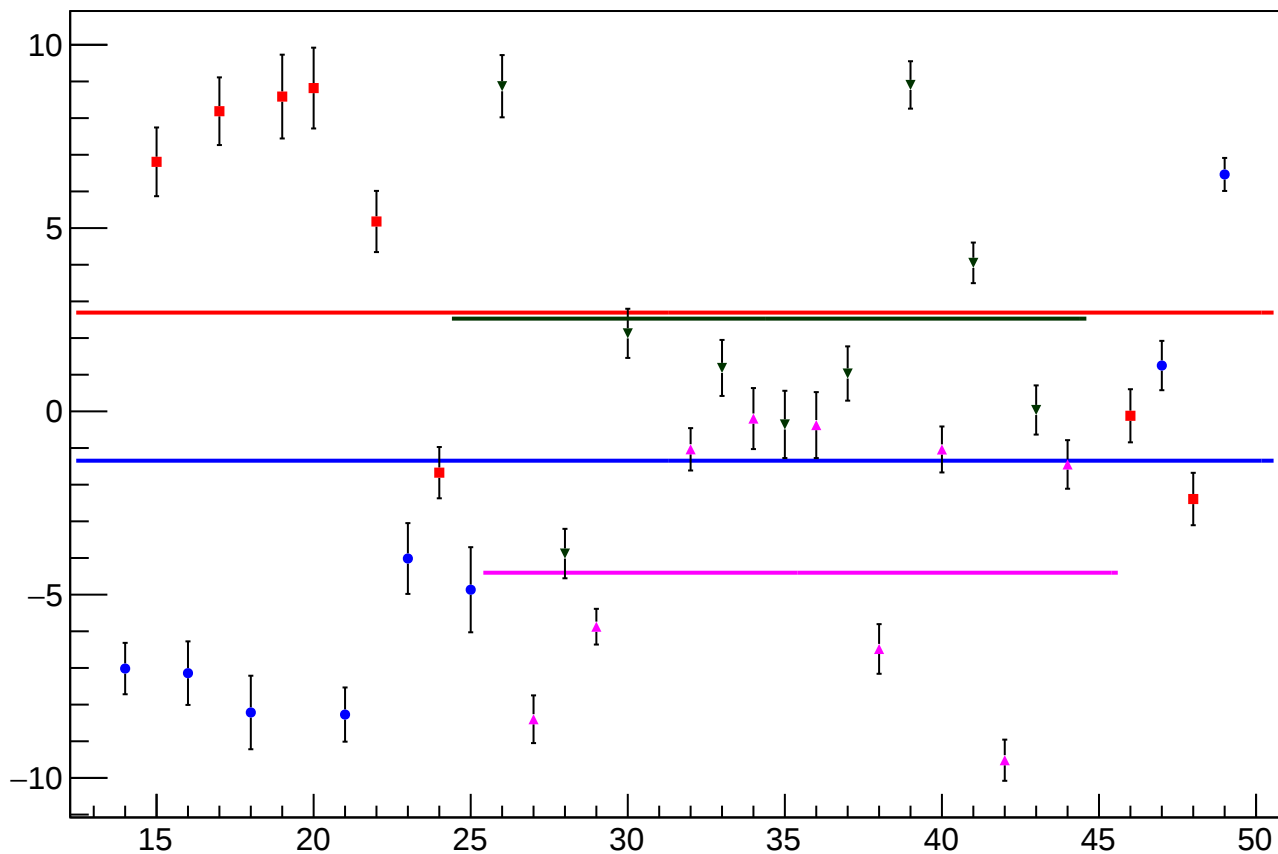
Left Out: 28.221+/-0.031 χ^2/NDF :13048.6/8

0.074+/-0.017 χ^2/NDF : 3047463.7/33

Right Out: -32.414+/-0.043 χ^2/NDF : 20618.7/7

Left In: -28.180+/-0.029 χ^2/NDF :23006.0/8

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: -1.346 ± 0.257 χ^2/NDF : 577.1/7

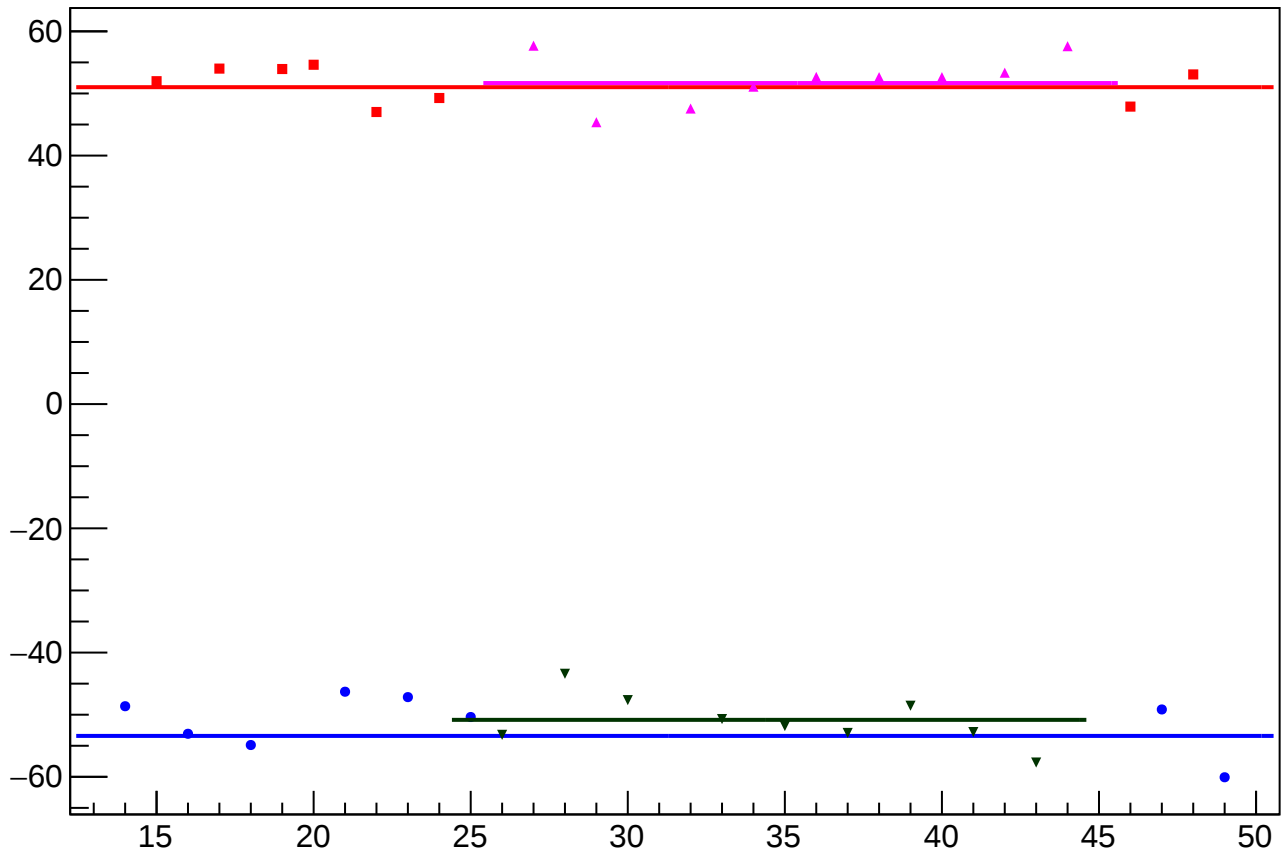
Left Out: 2.530 ± 0.233 χ^2/NDF : 282.1/8

Right Out: 2.695 ± 0.298 χ^2/NDF : 225.7/7

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

-0.628 ± 0.122 χ^2/NDF : 1987.0/33

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -53.413 $\pm$ 0.048 χ^2 /NDF: 11503.0/7

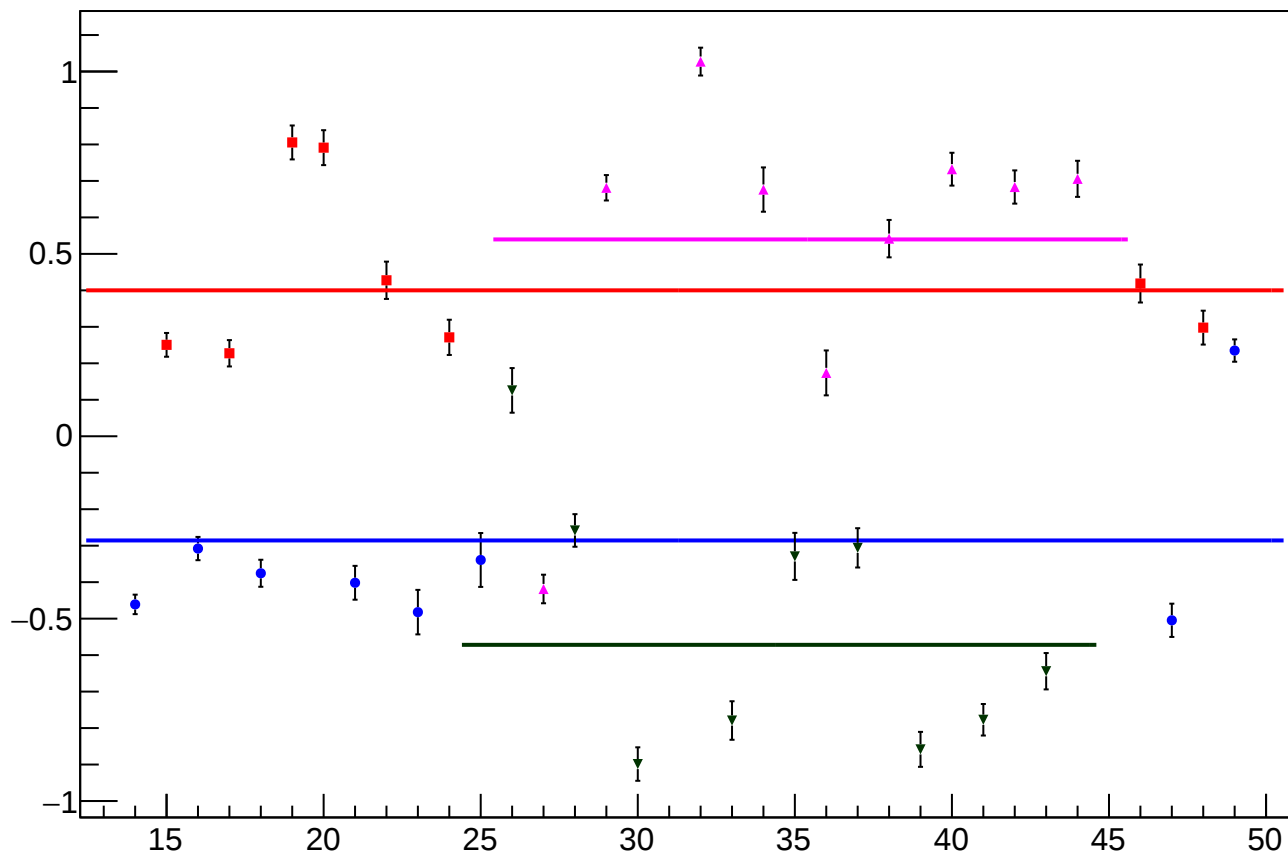
Left Out: -50.829 $\pm$ 0.043 χ^2 /NDF: 8463.4/8

Right Out: 51.012 $\pm$ 0.053 χ^2 /NDF: 2635.6/7

Left In: 51.678 $\pm$ 0.043 χ^2 /NDF: 8311.2/8

-3.114 $\pm$ 0.023 χ^2 /NDF: 5017384.5/33

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.286 ± 0.013 χ^2/NDF : 378.4/7

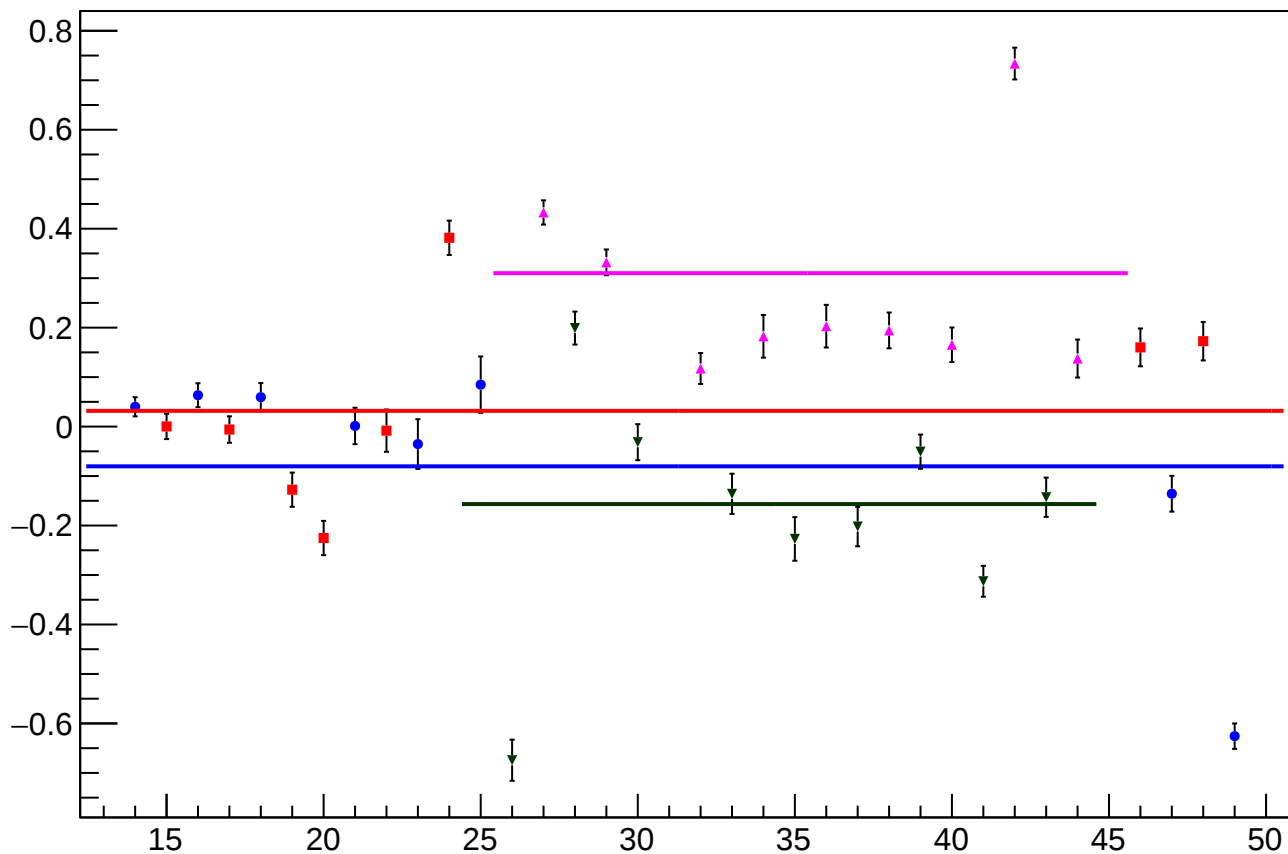
Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

Right Out: 0.400 ± 0.015 χ^2/NDF : 198.9/7

Left In: 0.540 ± 0.015 χ^2/NDF : 857.8/8

0.027 ± 0.007 χ^2/NDF : 5364.0/33

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.080 ± 0.010 χ^2/NDF : 565.5/7

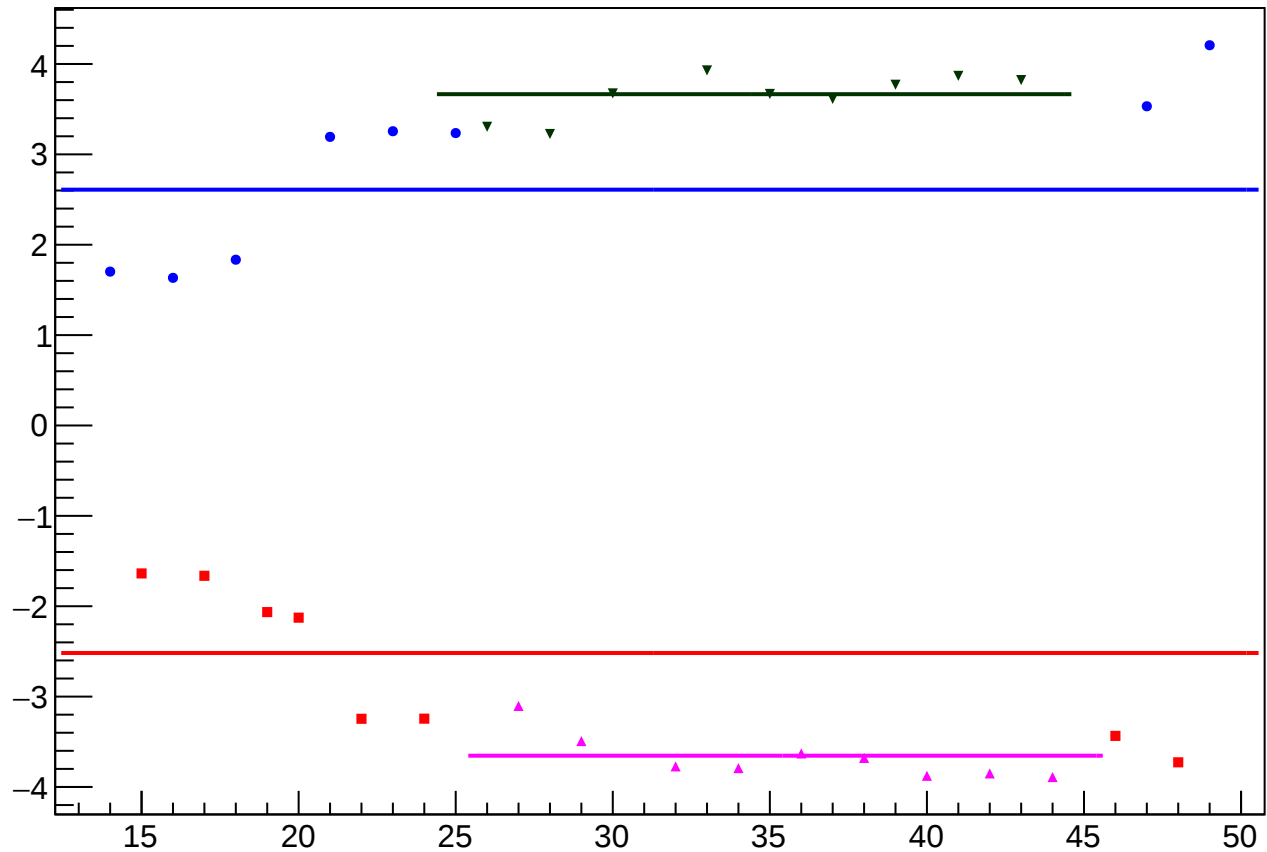
Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

Right Out: 0.032 ± 0.012 χ^2/NDF : 206.6/7

Left In: 0.310 ± 0.011 χ^2/NDF : 300.2/8

0.035 ± 0.006 χ^2/NDF : 2395.8/33

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.609 ± 0.003 χ^2/NDF : 157027.1/7

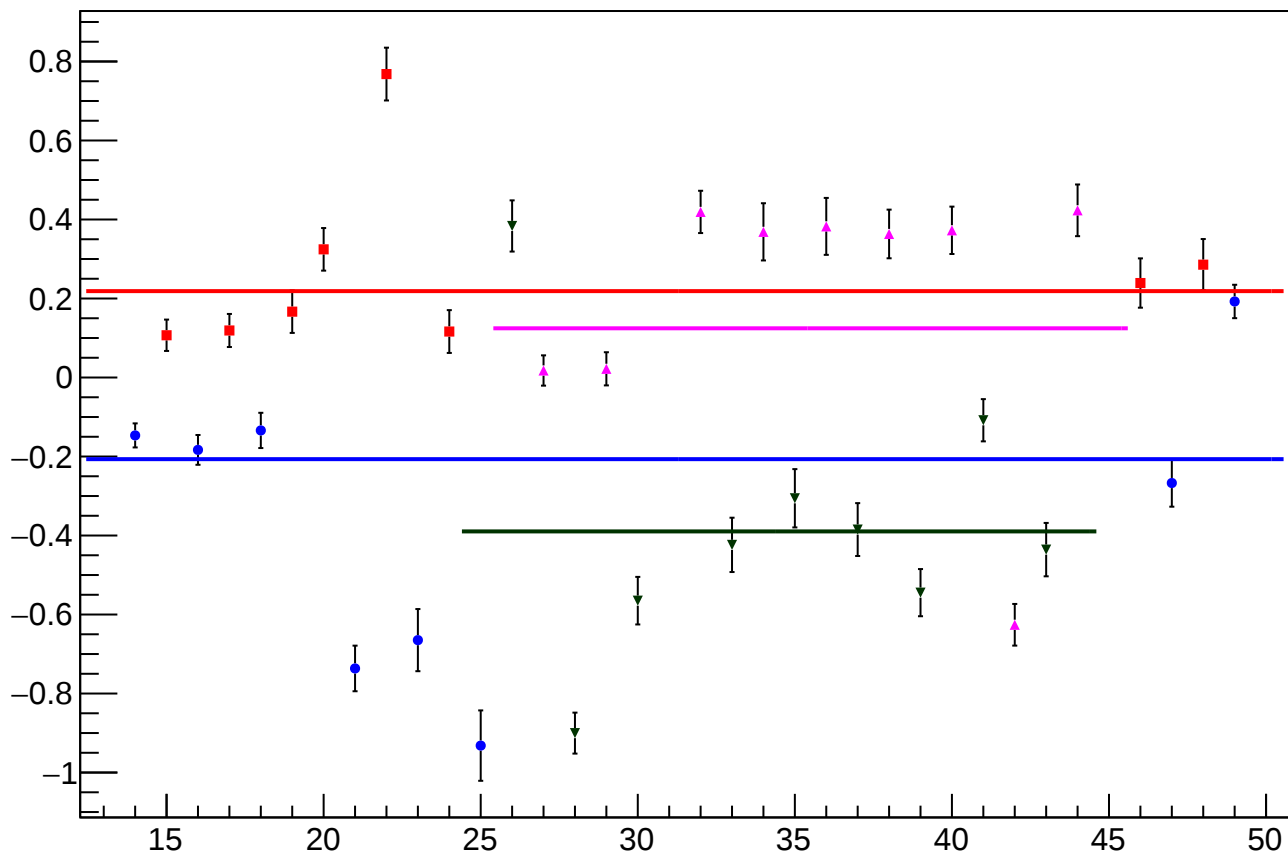
Left Out: 3.666 ± 0.003 χ^2/NDF : 6812.1/8

0.012 ± 0.001 χ^2/NDF : 5820962.0/33

Right Out: -2.517 ± 0.003 χ^2/NDF : 85772.7/7

Left In: -3.654 ± 0.003 χ^2/NDF : 9614.0/8

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.207 ± 0.016 χ^2/NDF : 281.6/7

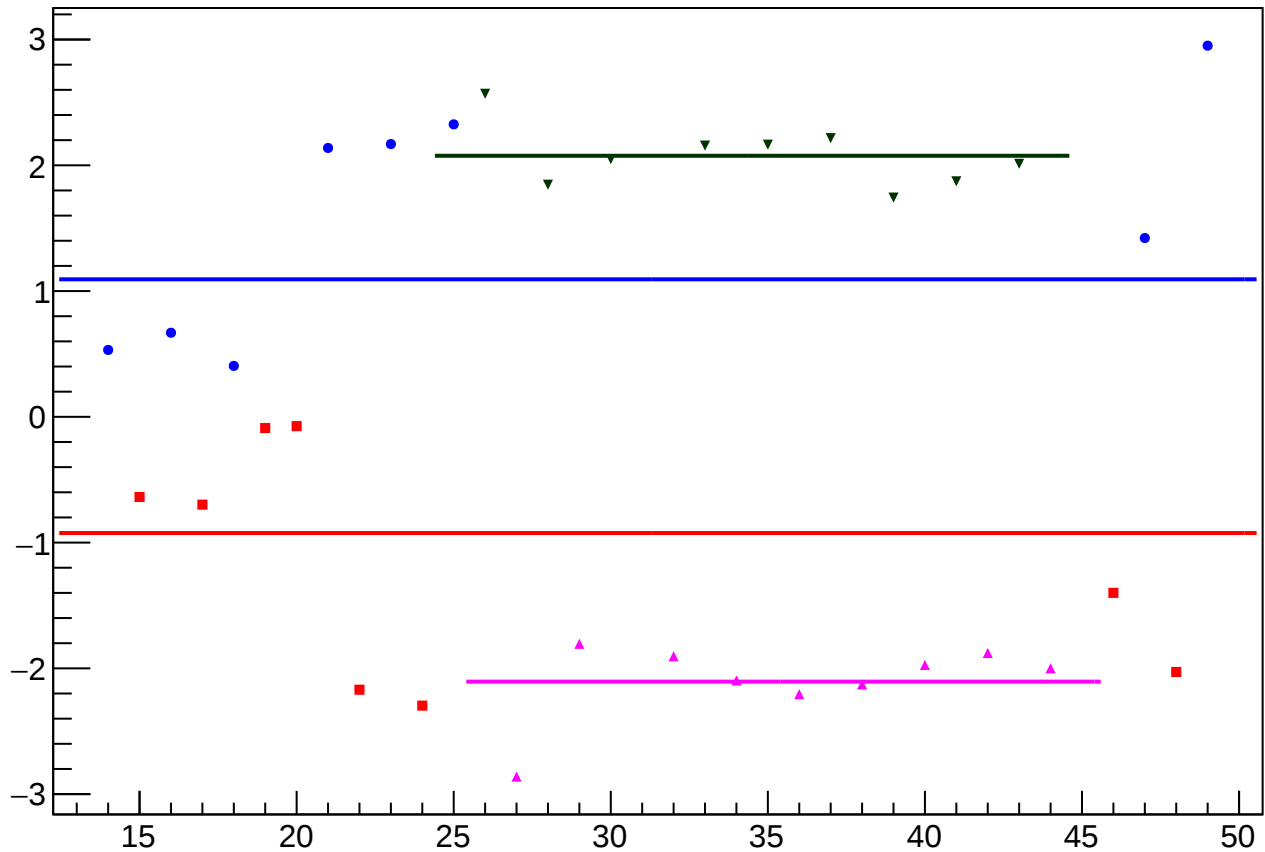
Left Out: -0.390 ± 0.021 χ^2/NDF : 284.3/8

Right Out: 0.219 ± 0.018 χ^2/NDF : 90.7/7

Left In: 0.125 ± 0.018 χ^2/NDF : 323.9/8

-0.054 ± 0.009 χ^2/NDF : 1650.9/33

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.093 ± 0.003 $\chi^2/\text{NDF}: 98210.4/7$

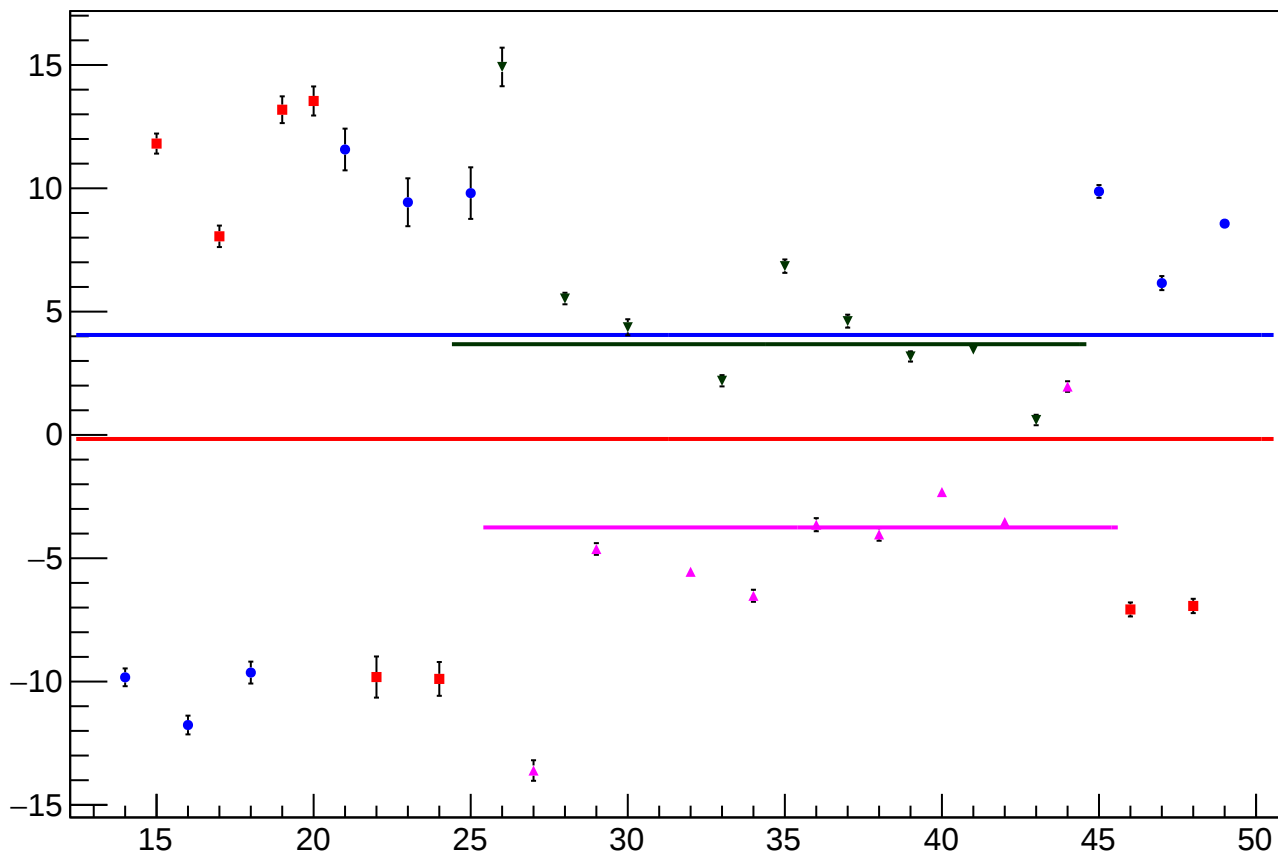
Left Out: 2.076 ± 0.004 $\chi^2/\text{NDF}: 4099.9/8$

0.108 ± 0.002 $\chi^2/\text{NDF}: 1018011.6/33$

Right Out: -0.924 ± 0.003 $\chi^2/\text{NDF}: 62056.1/7$

Left In: -2.106 ± 0.004 $\chi^2/\text{NDF}: 7840.2/8$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 4.054 ± 0.109 χ^2/NDF : 5543.6/8

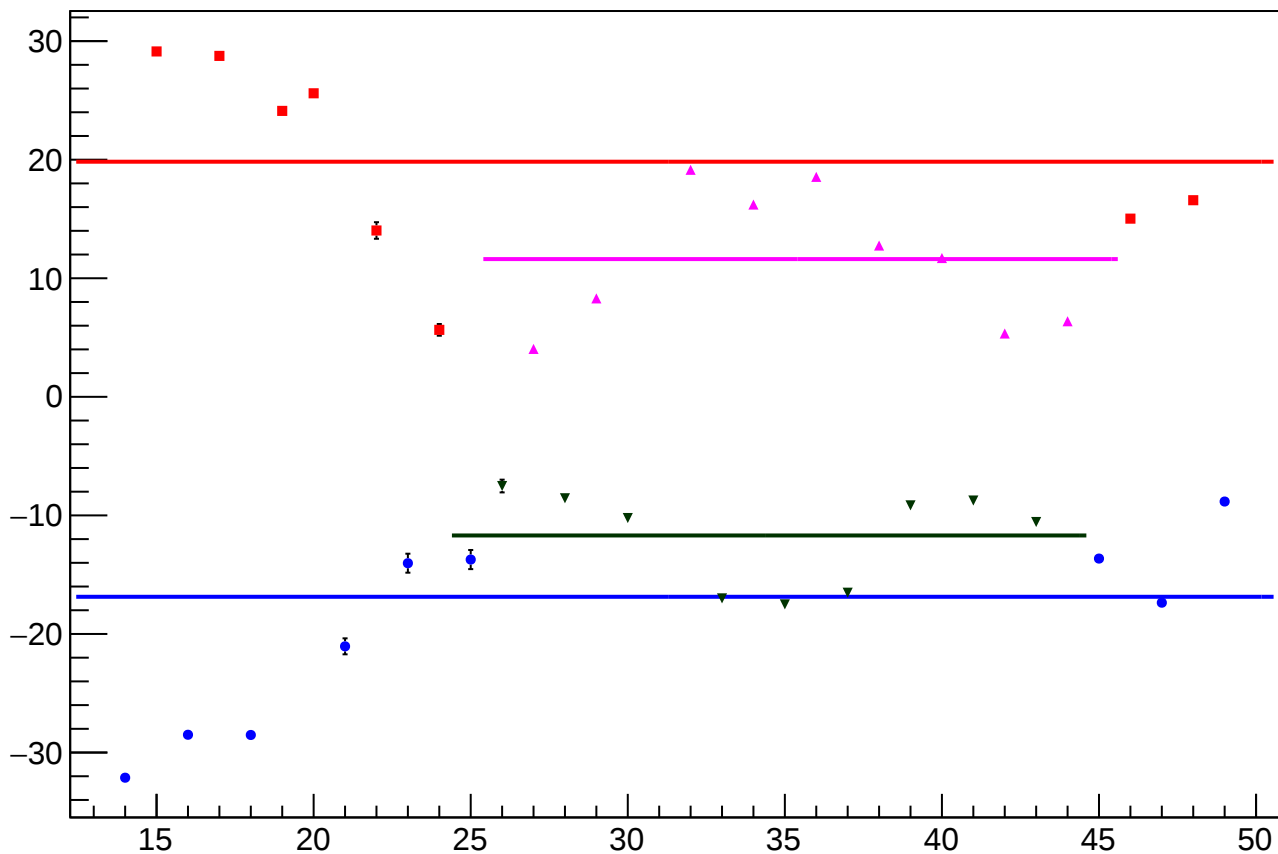
Left Out: 3.679 ± 0.081 χ^2/NDF : 680.5/8

0.555 ± 0.047 χ^2/NDF : 17340.8/34

Right Out: -0.164 ± 0.148 χ^2/NDF : 3841.8/7

Left In: -3.750 ± 0.076 χ^2/NDF : 1559.7/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -16.864 $\pm$ 0.086 χ^2 /NDF: 9619.3/8

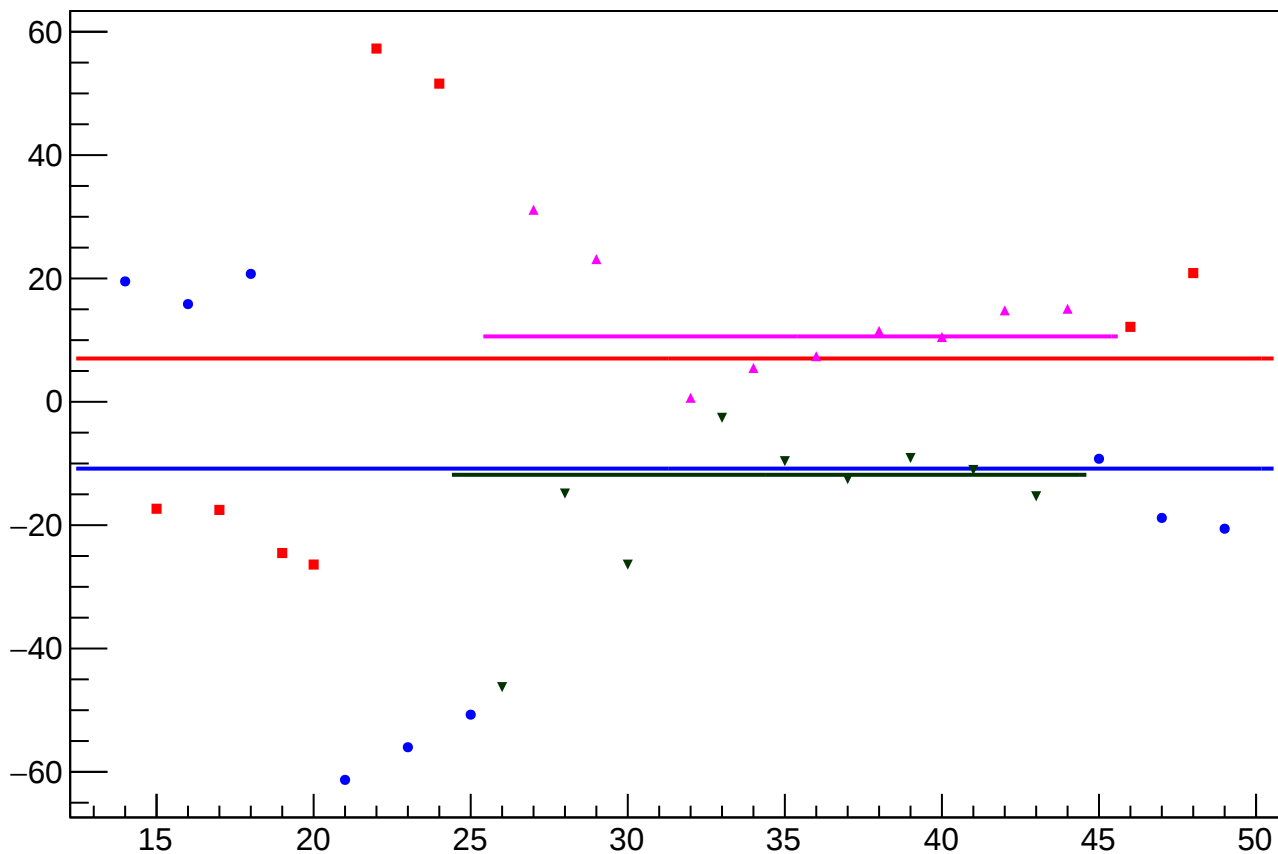
Left Out: -11.693 $\pm$ 0.060 χ^2 /NDF: 3755.5/8

Right Out: 19.830 $\pm$ 0.114 χ^2 /NDF: 3519.7/7

Left In: 11.617 $\pm$ 0.057 χ^2 /NDF: 8593.0/8

-0.477 $\pm$ 0.035 χ^2 /NDF: 174460.2/34

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -10.831 $\pm$ 0.020 χ^2 /NDF: 788469.2/8

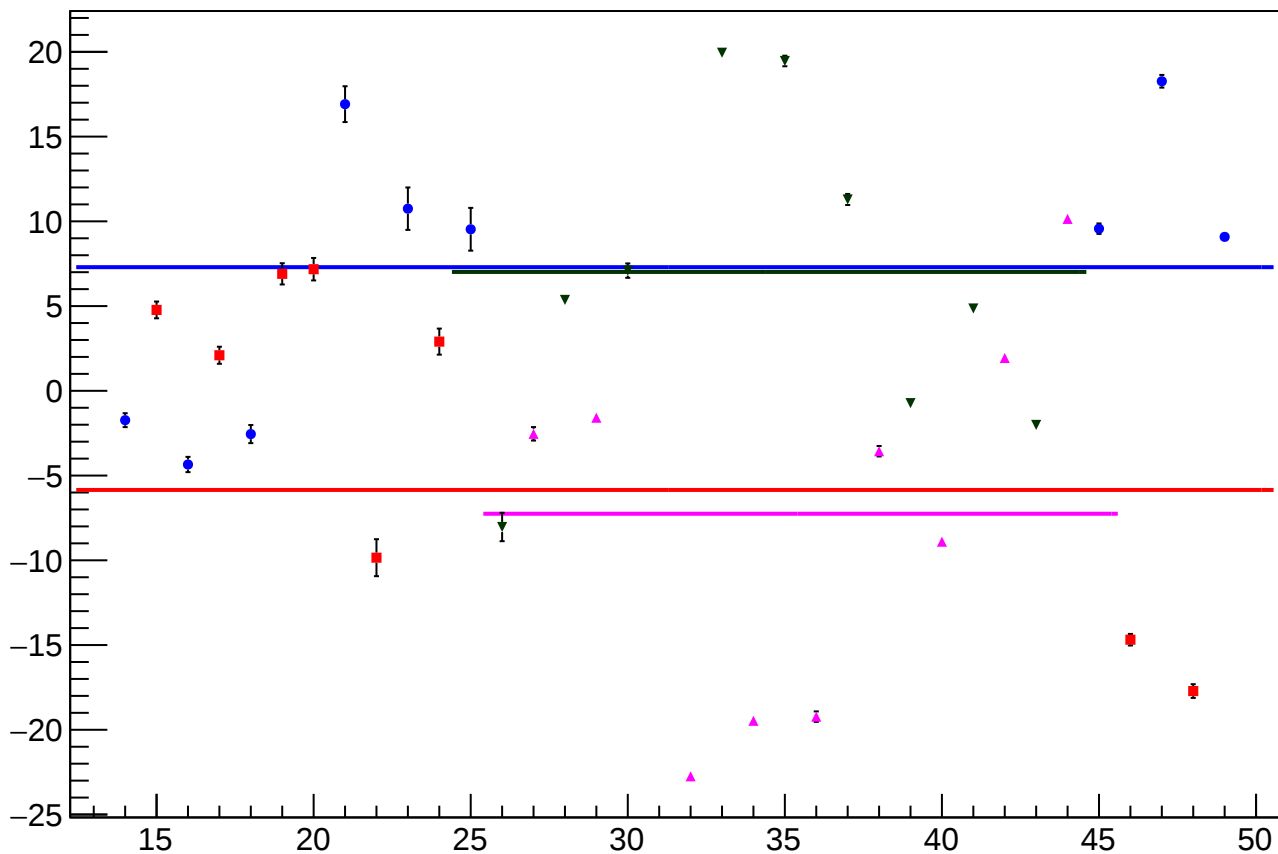
Left Out: -11.832 $\pm$ 0.014 χ^2 /NDF: 233309.0/8

Right Out: 7.024 $\pm$ 0.026 χ^2 /NDF: 670611.4/7

Left In: 10.602 $\pm$ 0.013 χ^2 /NDF: 320496.8/8

-1.103 $\pm$ 0.008 χ^2 /NDF: 3799207.6/34

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 7.296+/-0.139 χ^2/NDF : 2552.7/8

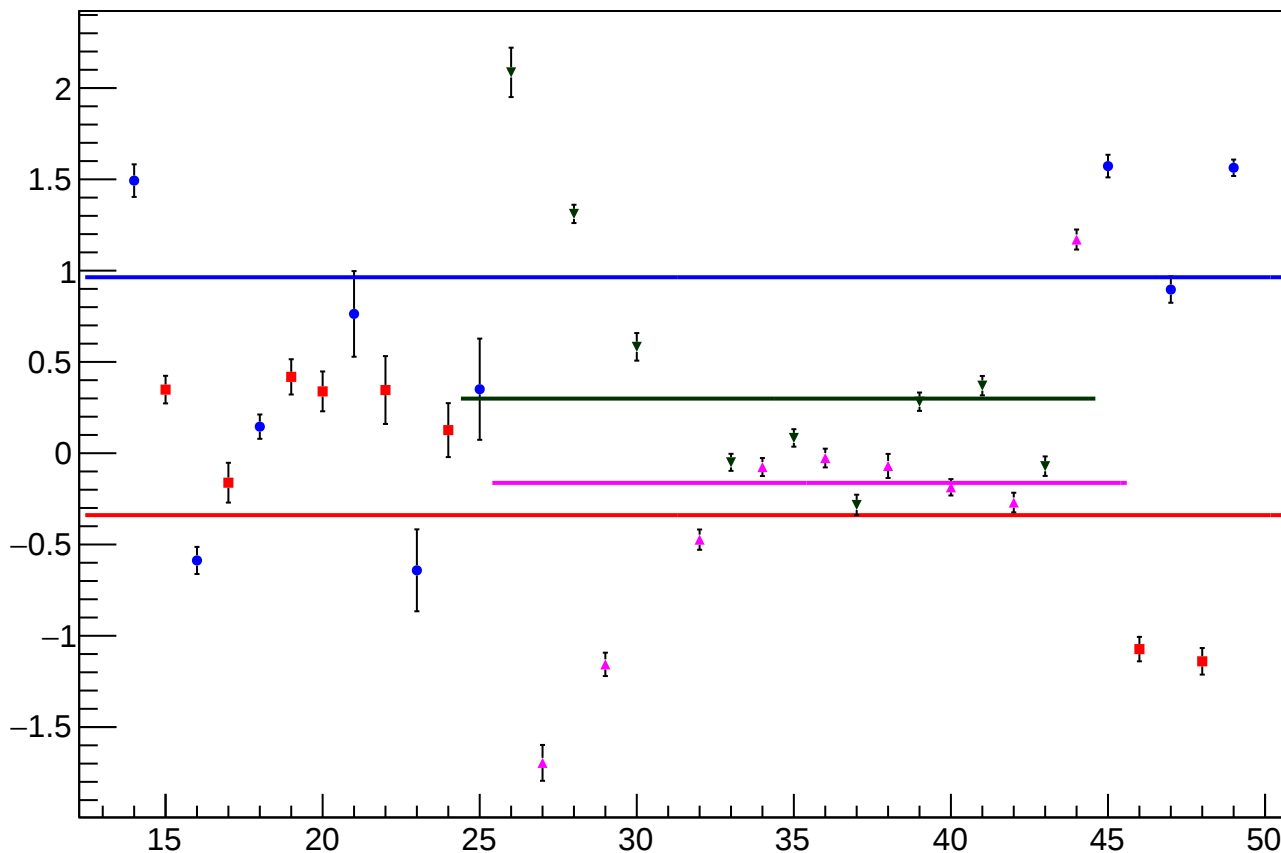
Left Out: 7.015+/-0.101 χ^2/NDF : 6009.5/8

Right Out: -5.849+/-0.182 χ^2/NDF : 3180.6/7

Left In: -7.253+/-0.095 χ^2/NDF : 12650.2/8

0.283+/-0.059 χ^2/NDF : 38857.2/34

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.964 ± 0.026 $\chi^2/\text{NDF}: 954.5/8$

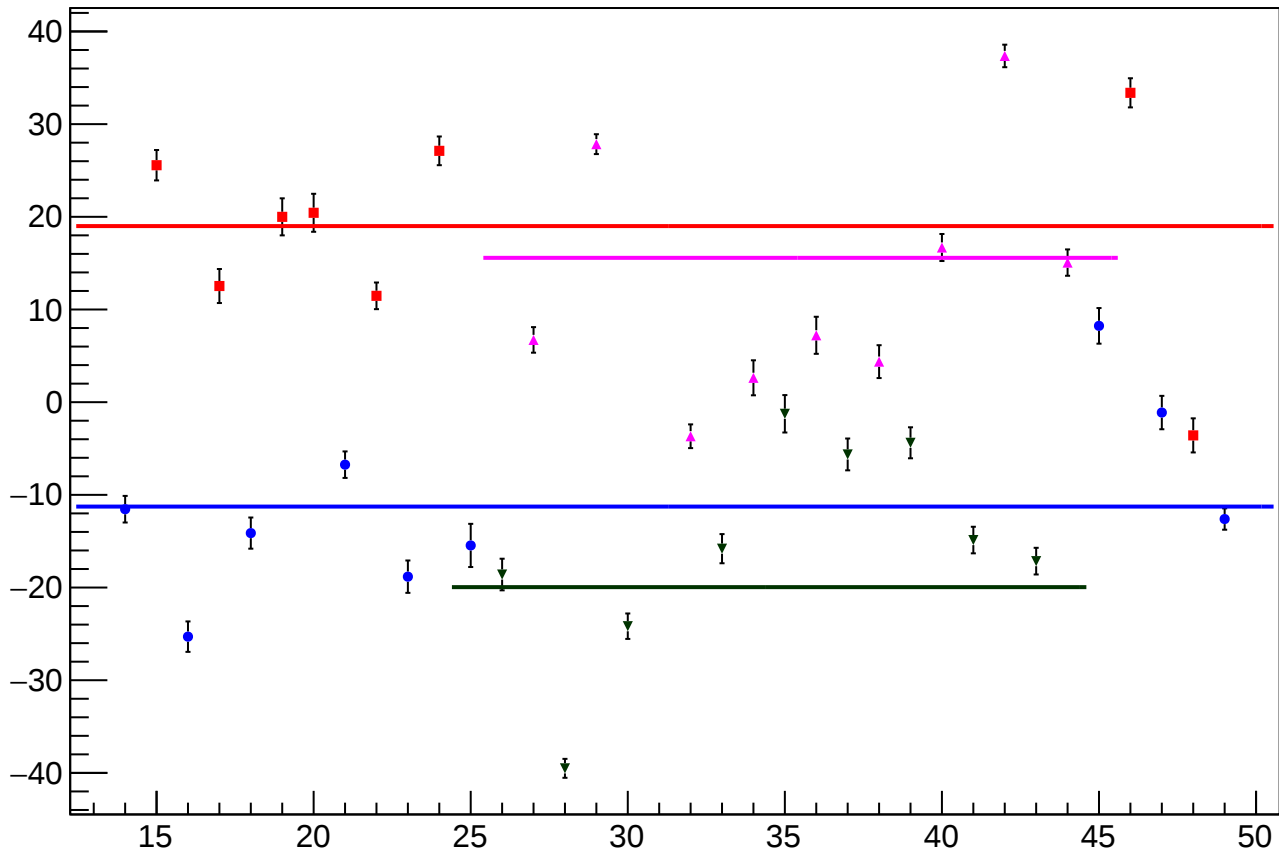
Left Out: 0.299 ± 0.018 $\chi^2/\text{NDF}: 829.4/8$

Right Out: -0.339 ± 0.033 $\chi^2/\text{NDF}: 450.4/7$

Left In: -0.163 ± 0.019 $\chi^2/\text{NDF}: 1123.4/8$

0.190 ± 0.011 $\chi^2/\text{NDF}: 4928.5/34$

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -11.264 $\pm$ 0.531 χ^2 /NDF: 244.0/8

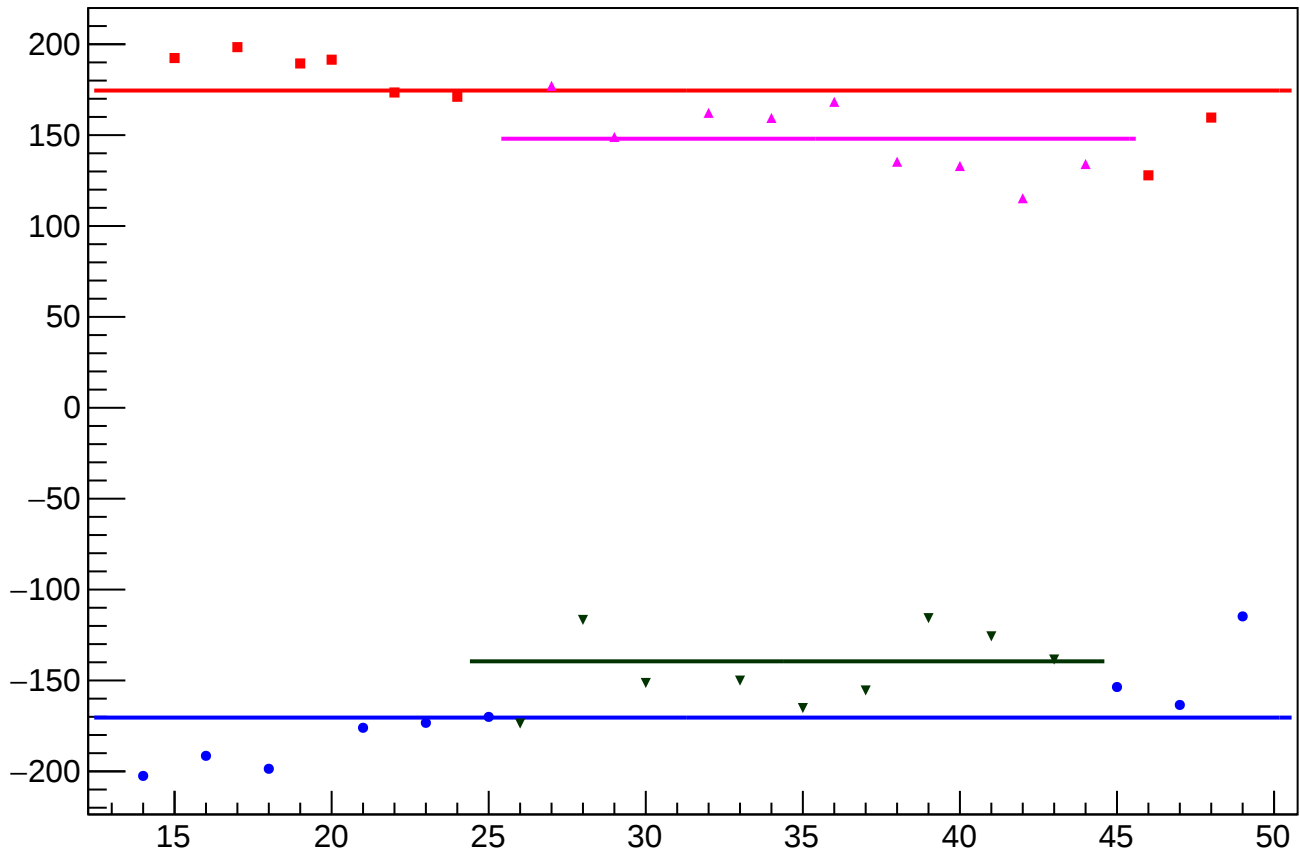
Left Out: -19.957 $\pm$ 0.491 χ^2 /NDF: 641.8/8

Right Out: 19.000 $\pm$ 0.602 χ^2 /NDF: 318.4/7

Left In: 15.574 $\pm$ 0.472 χ^2 /NDF: 824.1/8

-0.021 $\pm$ 0.259 χ^2 /NDF: 6216.0/34

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -170.416+/-0.419 χ^2/NDF : 4875.3/8

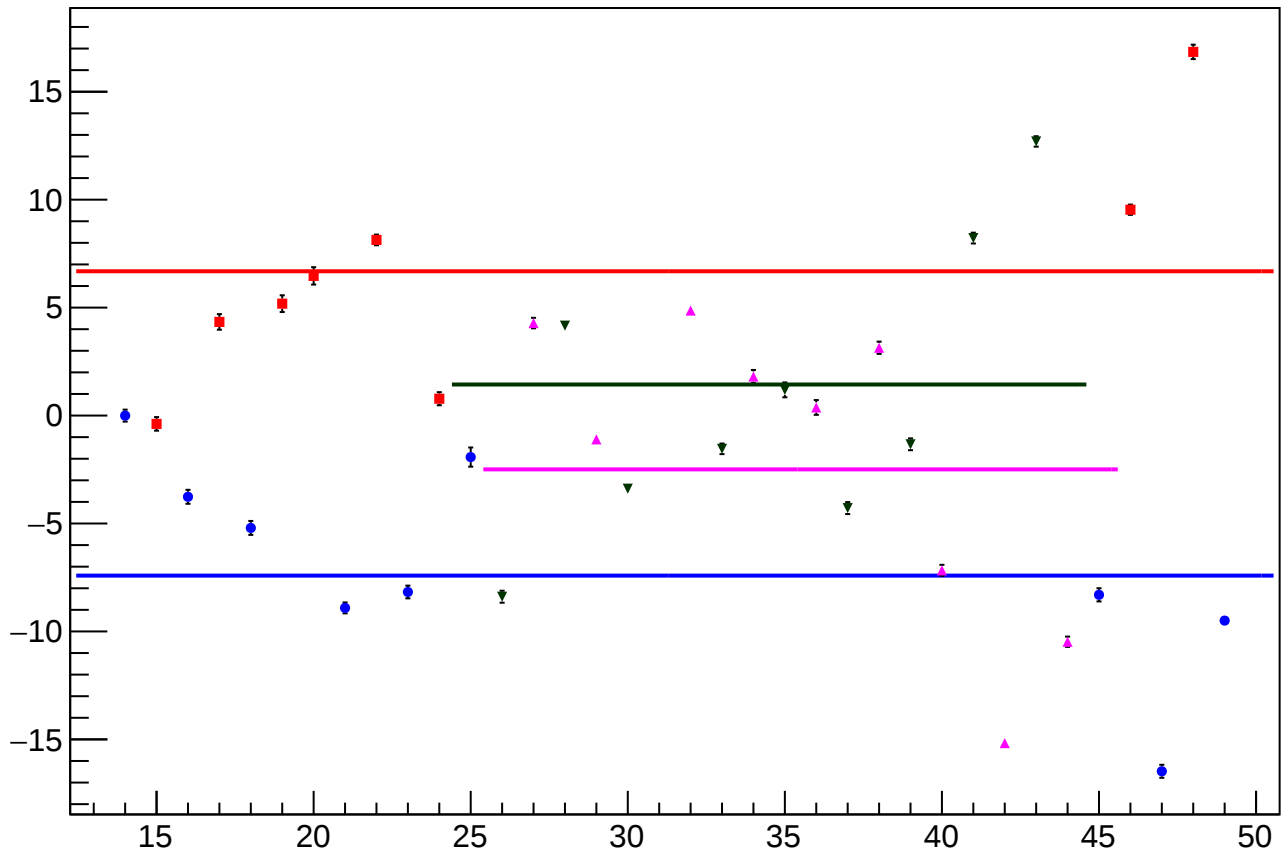
Left Out: -139.468+/-0.373 χ^2/NDF : 2867.0/8

Right Out: 174.524+/-0.467 χ^2/NDF : 2167.9/7

Left In: 148.012+/-0.348 χ^2/NDF : 3260.5/8

1.860+/-0.197 χ^2/NDF : 639044.0/34

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -7.414+/-0.098 χ^2/NDF : 2074.2/8

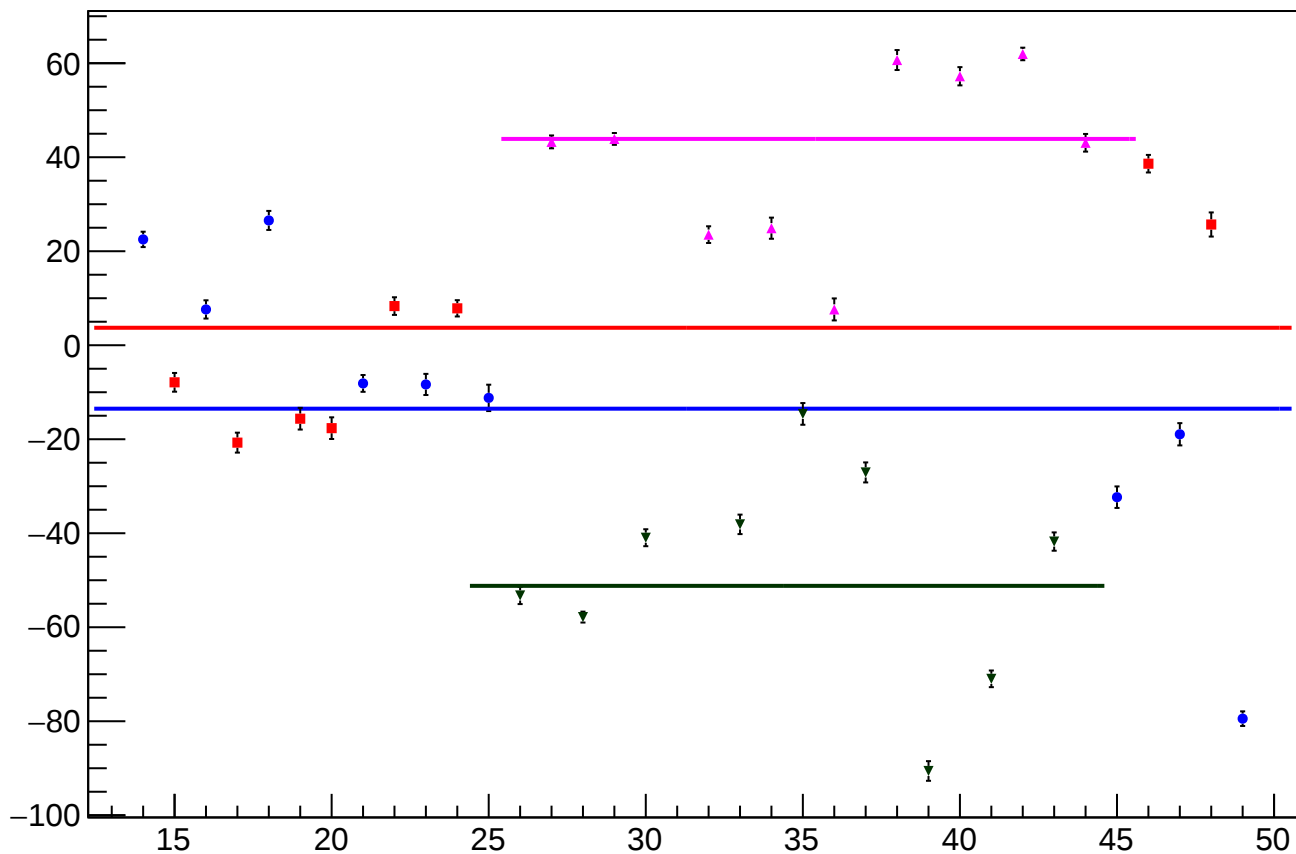
Left Out: 1.438+/-0.083 χ^2/NDF : 5473.4/8

Right Out: 6.684+/-0.109 χ^2/NDF : 2044.6/7

Left In: -2.493+/-0.081 χ^2/NDF : 7773.3/8

-0.788+/-0.045 χ^2/NDF : 27840.7/34

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -13.499 ± 0.659 $\chi^2/\text{NDF}: 2880.3/8$

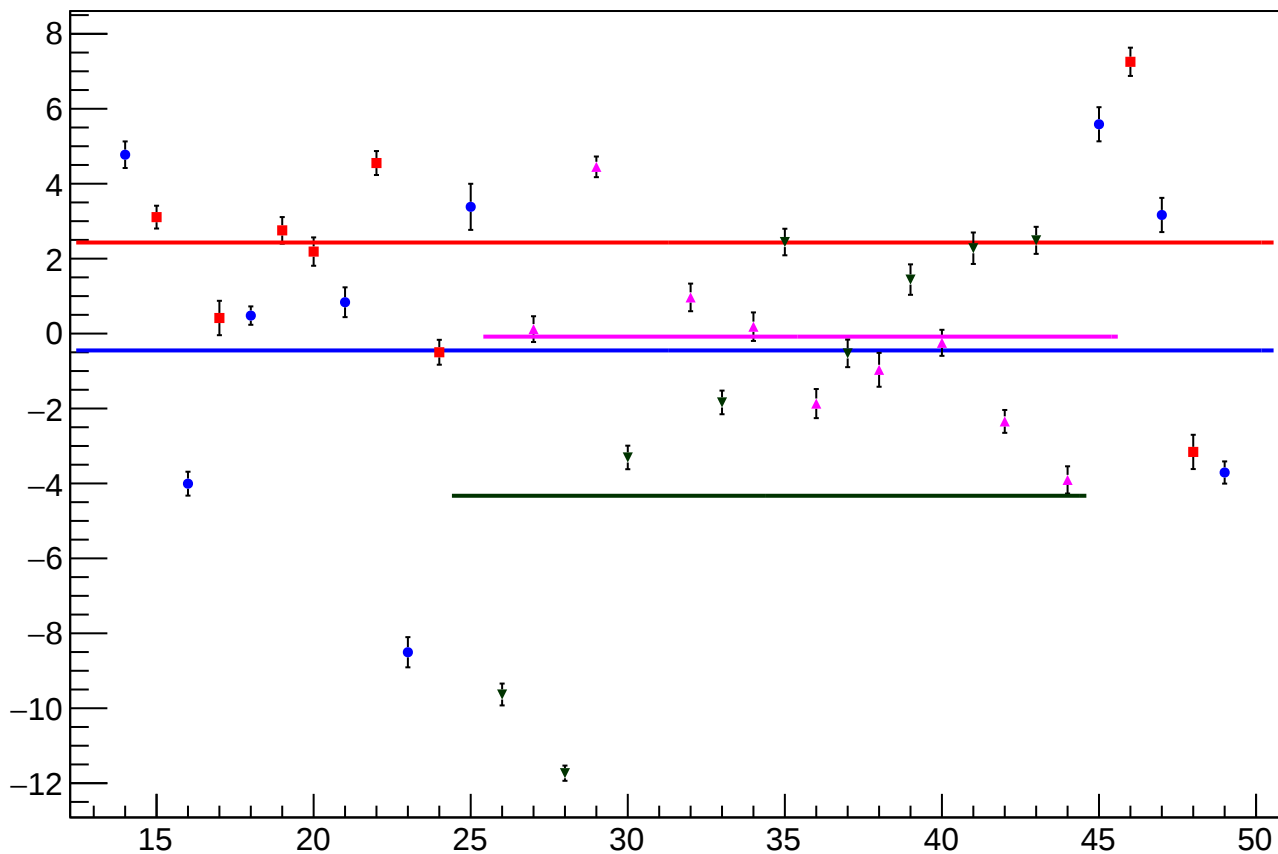
Left Out: -51.194 ± 0.598 $\chi^2/\text{NDF}: 988.3/8$

Right Out: 3.718 ± 0.725 $\chi^2/\text{NDF}: 756.4/7$

Left In: 43.896 ± 0.560 $\chi^2/\text{NDF}: 735.5/8$

-2.673 ± 0.313 $\chi^2/\text{NDF}: 19210.5/34$

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -0.450+/-0.119 χ^2/NDF : 1163.2/8

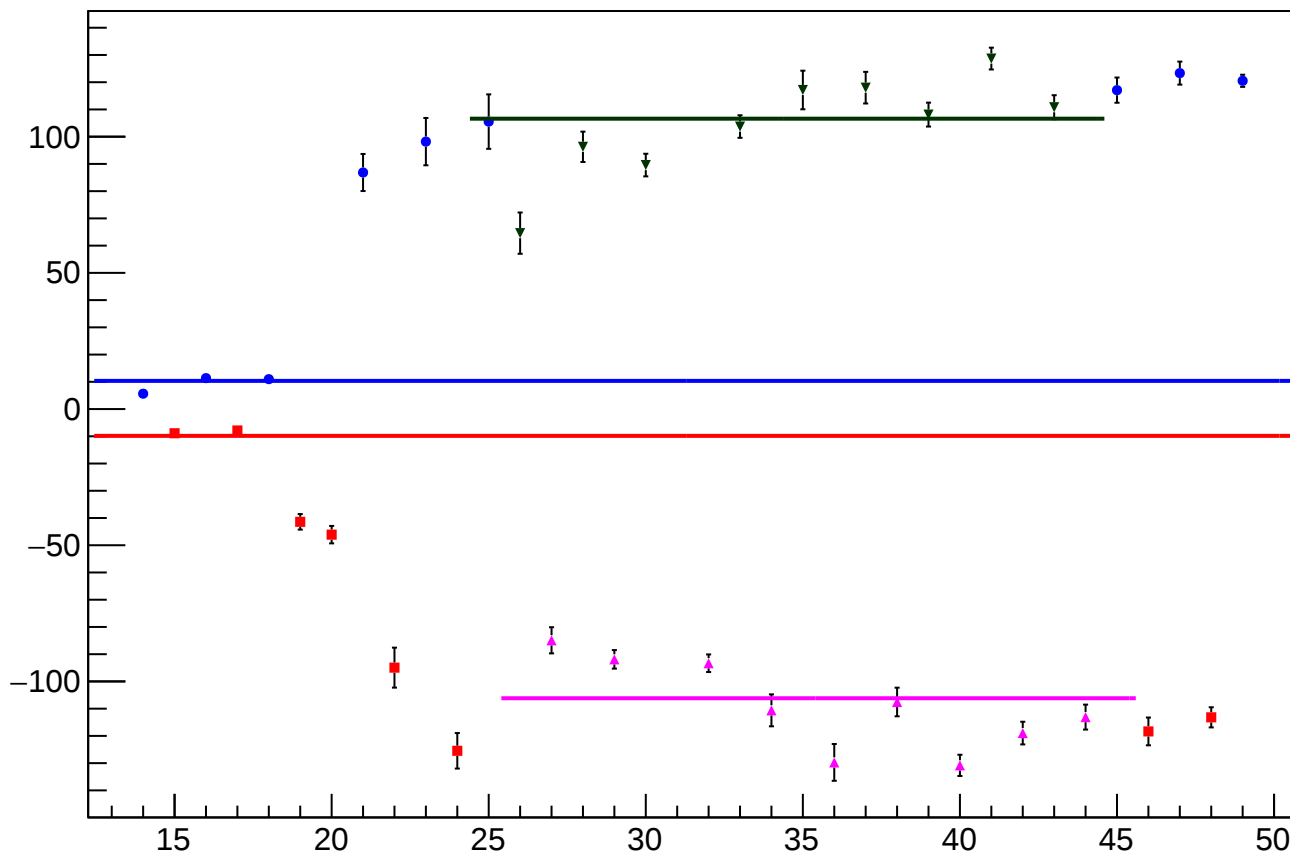
Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

Right Out: 2.430+/-0.128 χ^2/NDF : 460.0/7

Left In: -0.081+/-0.116 χ^2/NDF : 470.0/8

-0.955+/-0.058 χ^2/NDF : 6917.3/34

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 10.347+/-0.215 χ^2/NDF : 4251.2/8

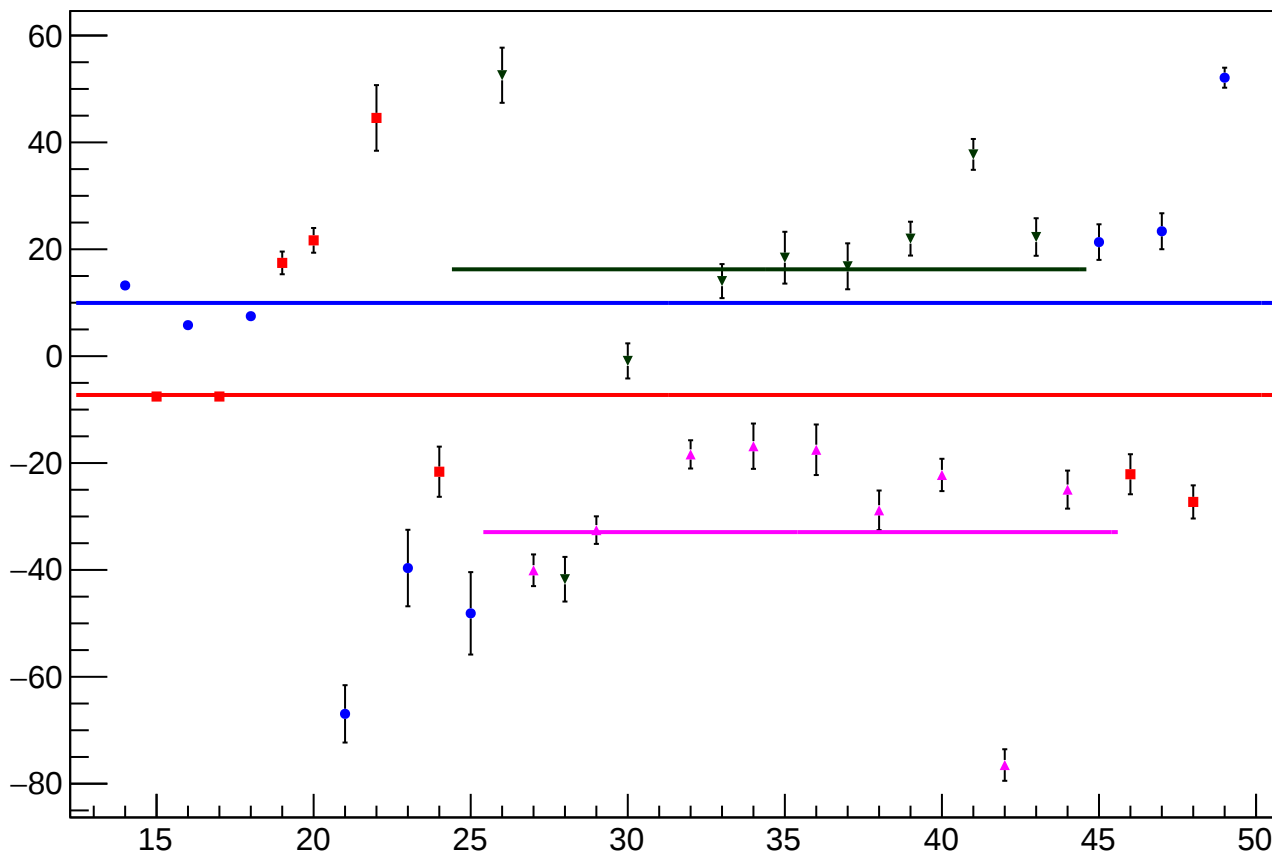
Left Out: 106.609+/-1.619 χ^2/NDF : 89.0/8

Right Out: -9.840+/-0.239 χ^2/NDF : 1969.8/7

Left In: -106.172+/-1.438 χ^2/NDF : 117.6/8

1.006+/-0.158 χ^2/NDF : 20183.3/34

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 9.961 $\pm$ 0.160 χ^2 /NDF: 1335.7/8

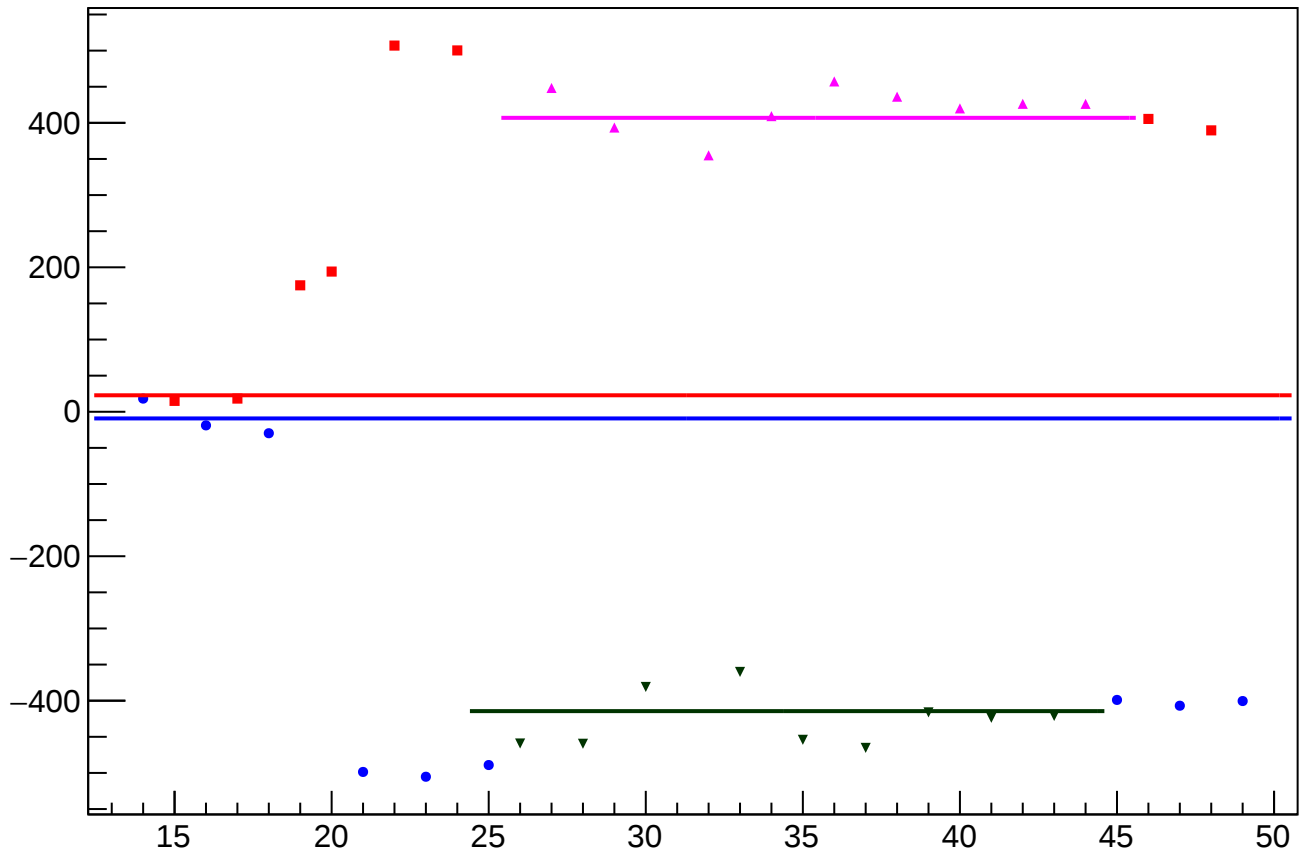
Left Out: 16.249 $\pm$ 1.210 χ^2 /NDF:332.0/8

Right Out: -7.264 $\pm$ 0.183 χ^2 /NDF: 432.3/7

Left In: -32.924 $\pm$ 1.064 χ^2 /NDF:297.8/8

2.174 $\pm$ 0.119 χ^2 /NDF: 8649.5/34

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -9.223+/-0.042 χ^2 /NDF: 1919964.1/8

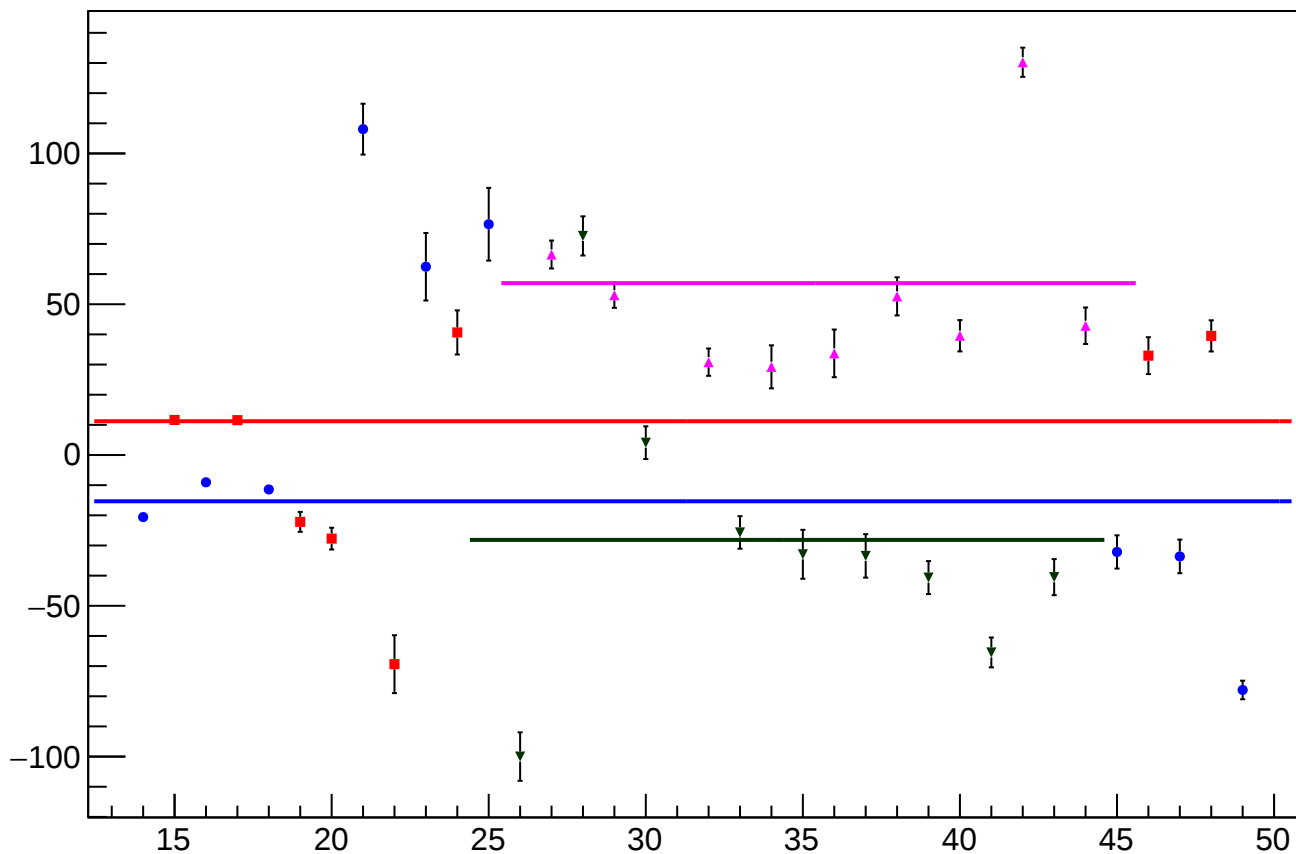
Left Out: -414.439+/-0.270 χ^2 /NDF:17107.4/8

6.082+/-0.031 χ^2 /NDF: 8304036.0/34

Right Out: 22.823+/-0.046 χ^2 /NDF: 1002056.5/7

Left In: 406.947+/-0.246 χ^2 /NDF:18132.7/8

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.344 ± 0.251 χ^2/NDF : 1236.6/8

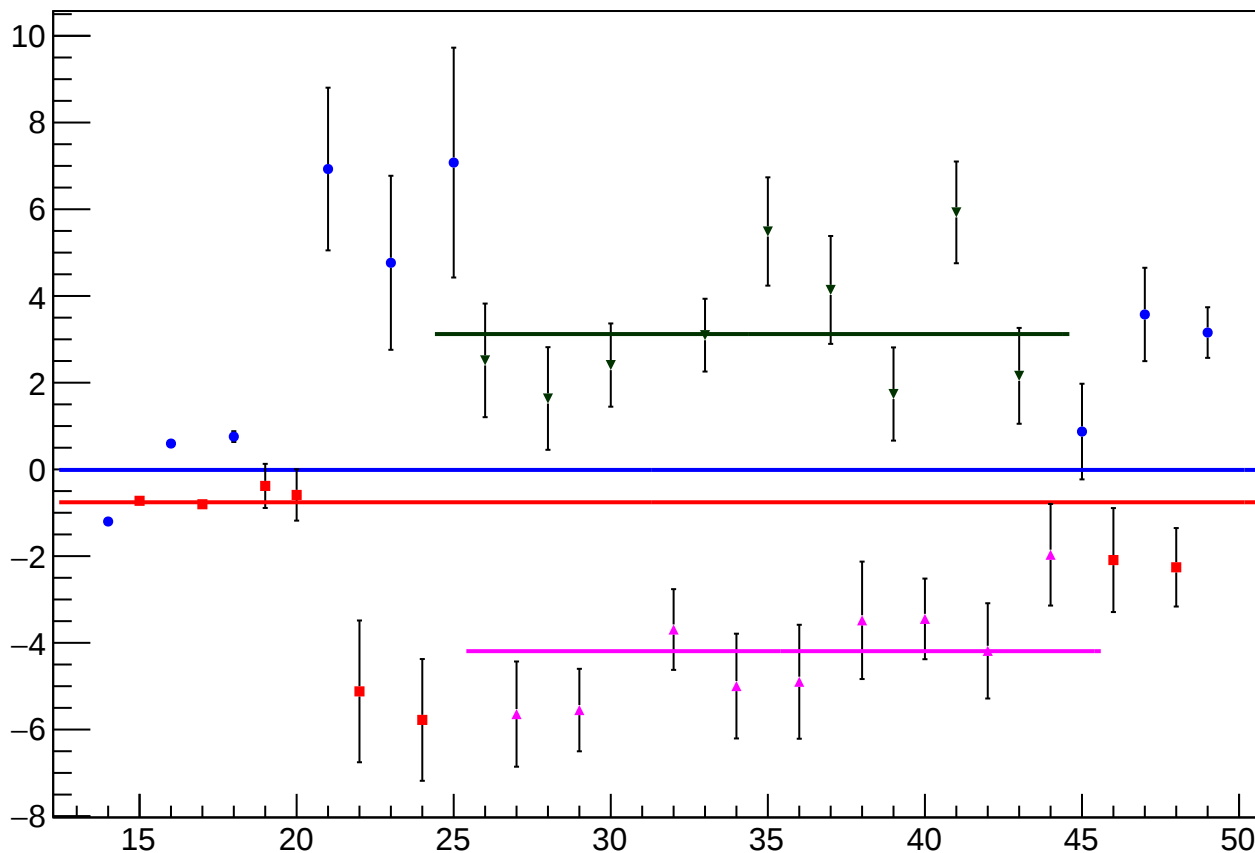
Left Out: -28.145 ± 2.024 χ^2/NDF : 423.8/8

Right Out: 11.206 ± 0.285 χ^2/NDF : 349.7/7

Left In: 56.997 ± 1.767 χ^2/NDF : 308.5/8

-3.269 ± 0.187 χ^2/NDF : 8520.8/34

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.012 ± 0.047 χ^2/NDF : 425.3/8

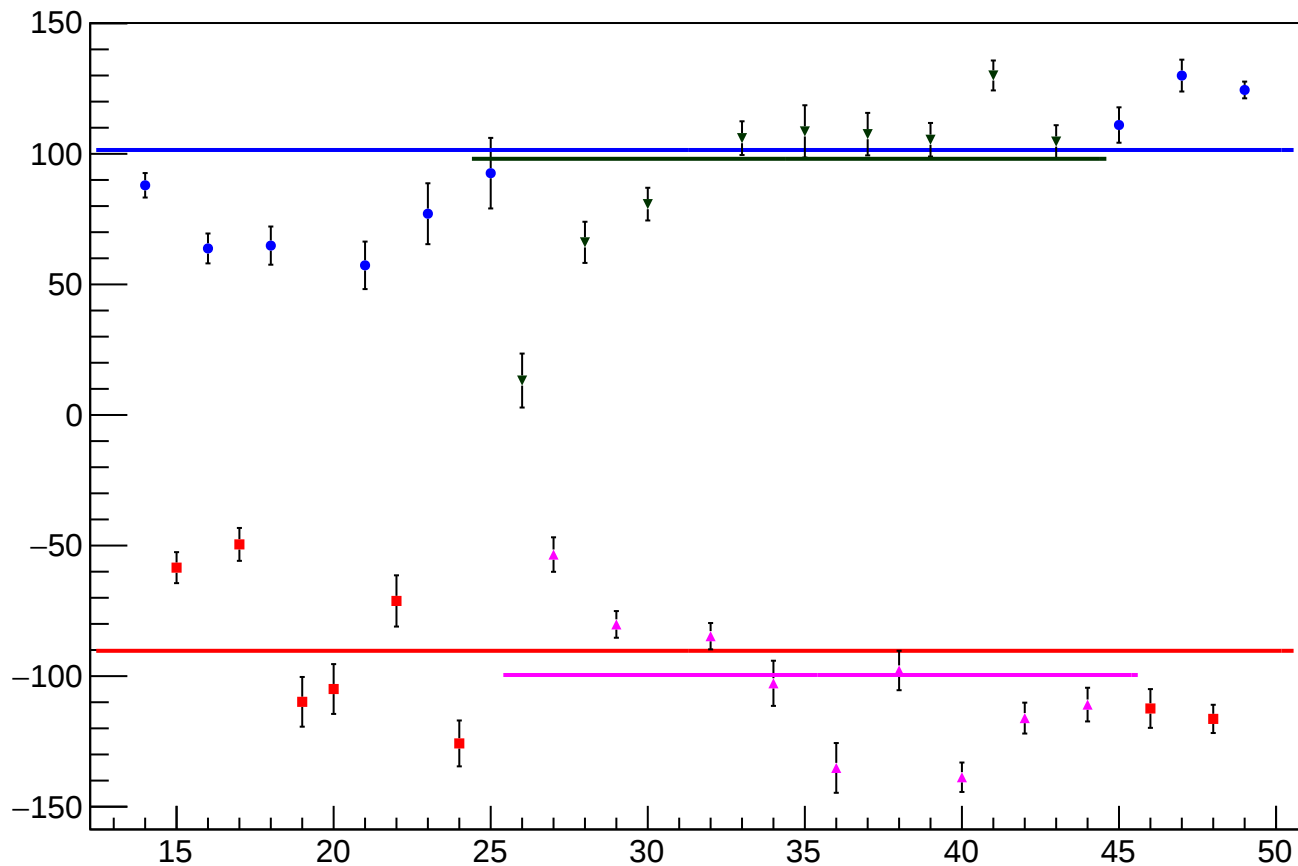
Left Out: 3.122 ± 0.365 χ^2/NDF : 14.7/8

Right Out: -0.758 ± 0.049 χ^2/NDF : 25.1/7

Left In: -4.192 ± 0.366 χ^2/NDF : 9.0/8

-0.369 ± 0.034 χ^2/NDF : 795.5/34

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 101.478+/-1.940 χ^2/NDF : 180.5/8

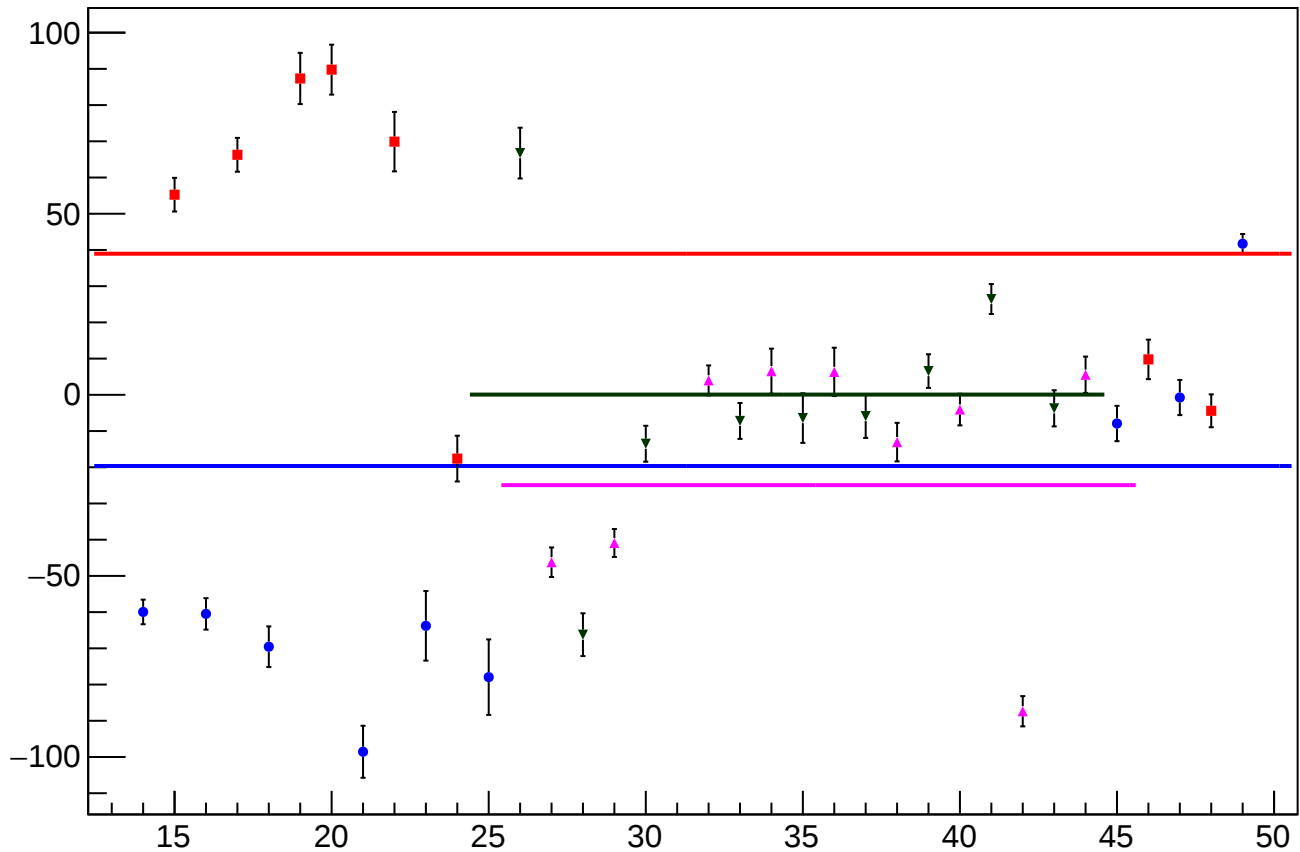
Left Out: 98.102+/-2.356 χ^2/NDF :129.1/8

Right Out: -90.301+/-2.571 χ^2/NDF : 129.4/7

Left In: -99.563+/-2.101 χ^2/NDF :145.0/8

10.214+/-1.102 χ^2/NDF : 8448.3/34

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -19.652 ± 1.518 $\chi^2/\text{NDF}: 1023.2/8$

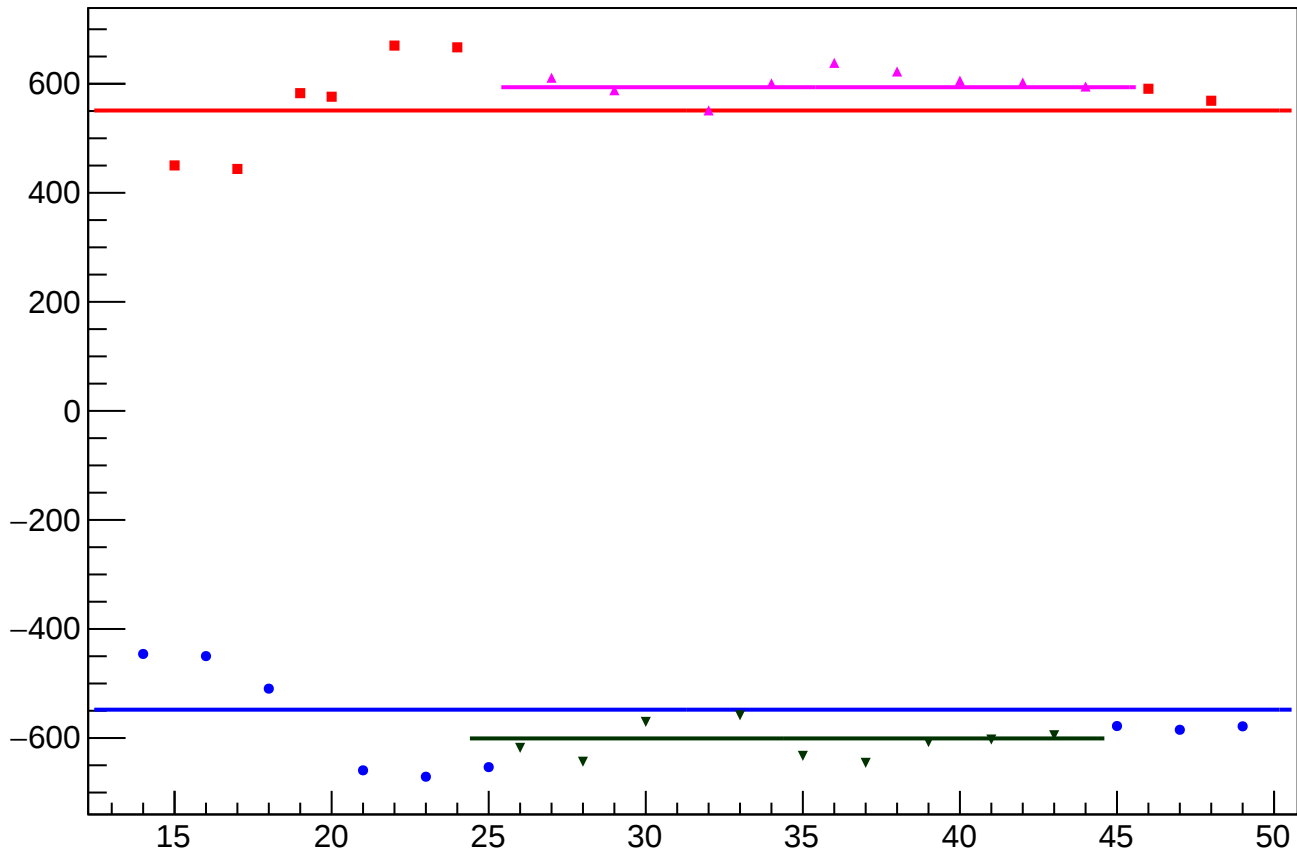
Left Out: 0.065 ± 1.757 $\chi^2/\text{NDF}: 271.1/8$

-6.295 ± 0.836 $\chi^2/\text{NDF}: 2844.1/34$

Right Out: 38.962 ± 1.980 $\chi^2/\text{NDF}: 361.8/7$

Left In: -24.937 ± 1.545 $\chi^2/\text{NDF}: 429.3/8$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -548.014 $\pm$ 0.367 χ^2 /NDF: 35745.0/8

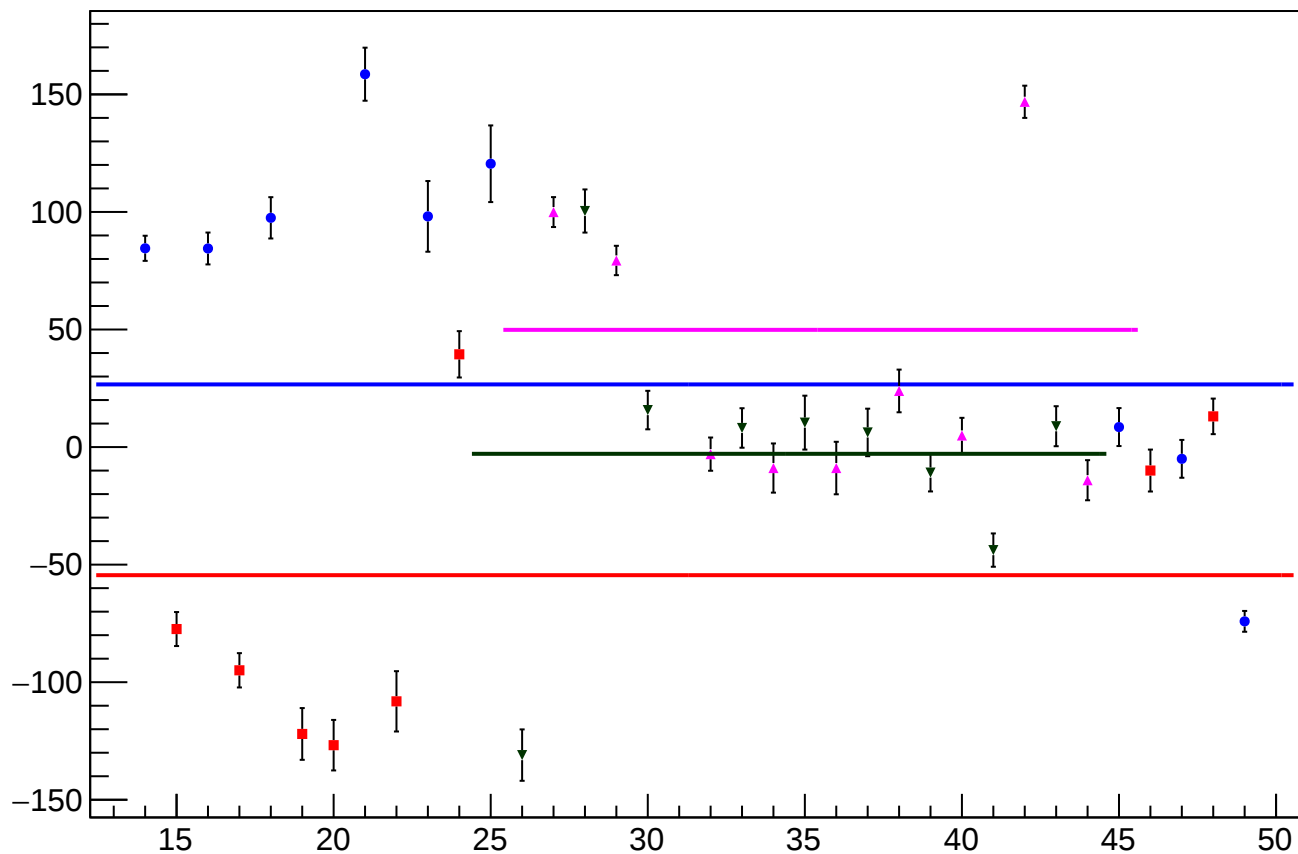
Left Out: -600.749 $\pm$ 0.393 χ^2 /NDF: 5250.8/8

Right Out: 550.986 $\pm$ 0.470 χ^2 /NDF: 27017.7/7

Left In: 593.704 $\pm$ 0.360 χ^2 /NDF: 4731.8/8

-33.837 $\pm$ 0.196 χ^2 /NDF: 8693625.9/34

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 26.650 $\pm$ 2.442 χ^2 /NDF: 986.5/8

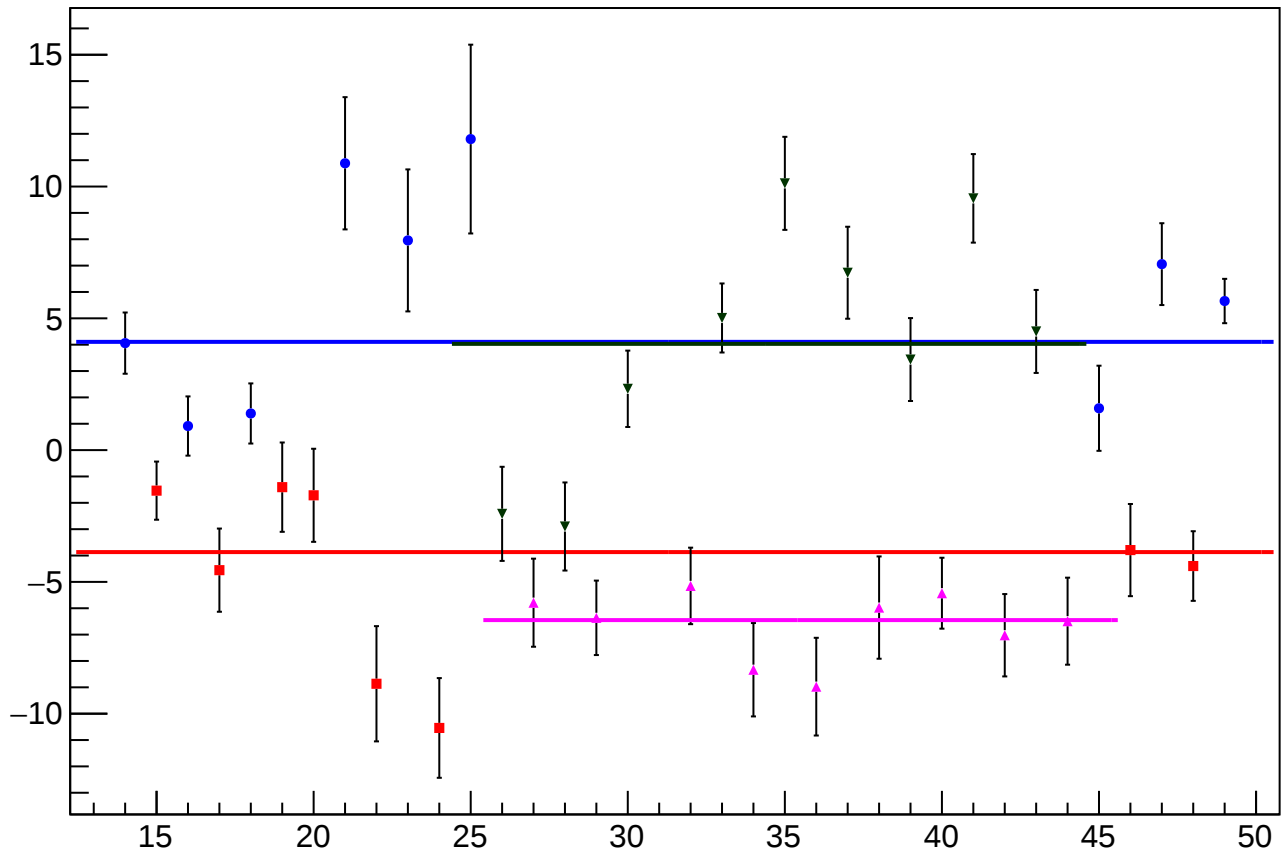
Left Out: -2.868 $\pm$ 2.936 χ^2 /NDF:309.5/8

Right Out: -54.484 $\pm$ 3.143 χ^2 /NDF: 336.7/7

Left In: 49.858 $\pm$ 2.562 χ^2 /NDF:500.0/8

11.572 $\pm$ 1.364 χ^2 /NDF: 2860.0/34

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.107 ± 0.452 χ^2/NDF : 37.1/8

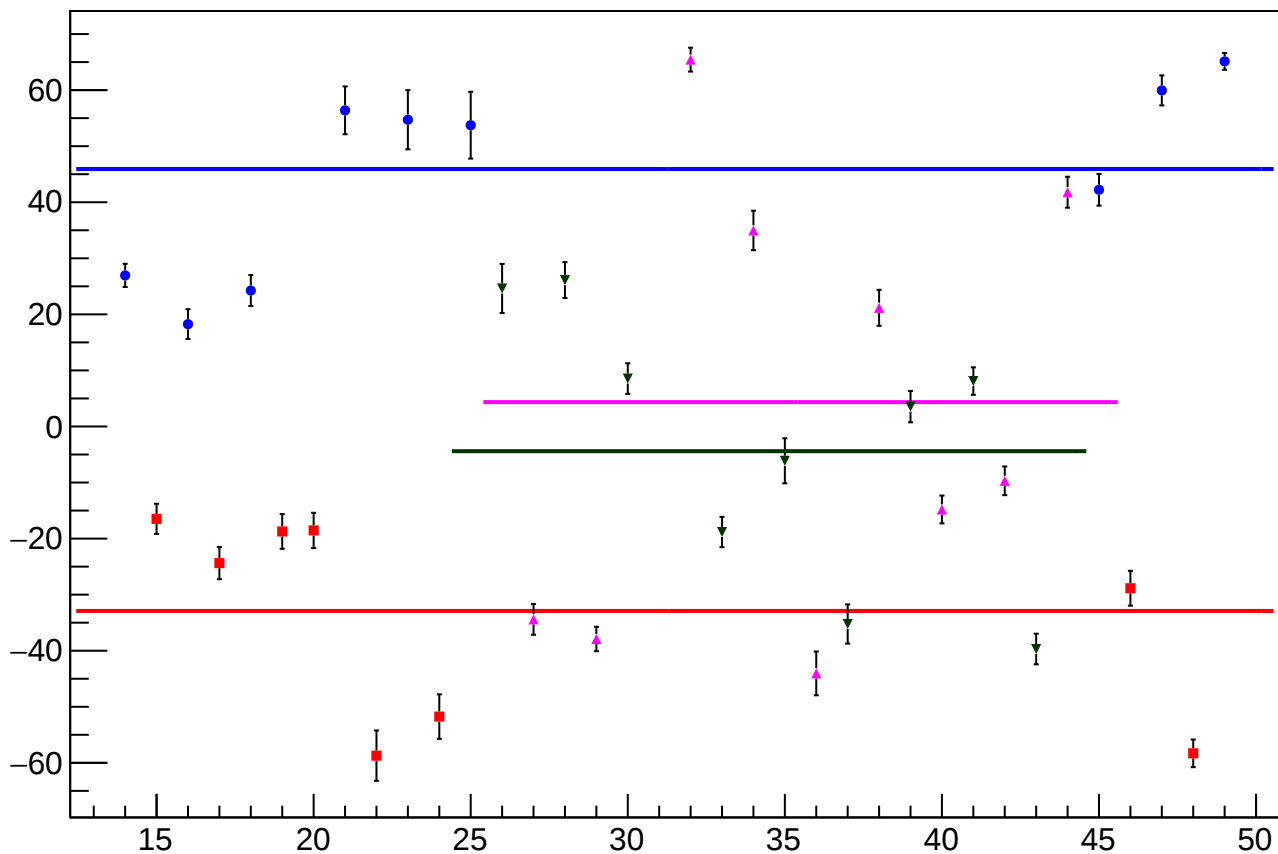
Left Out: 4.032 ± 0.531 χ^2/NDF : 57.5/8

-0.076 ± 0.256 χ^2/NDF : 461.7/34

Right Out: -3.869 ± 0.552 χ^2/NDF : 26.1/7

Left In: -6.449 ± 0.532 χ^2/NDF : 4.7/8

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 45.922+/-0.865 χ^2/NDF : 458.6/8

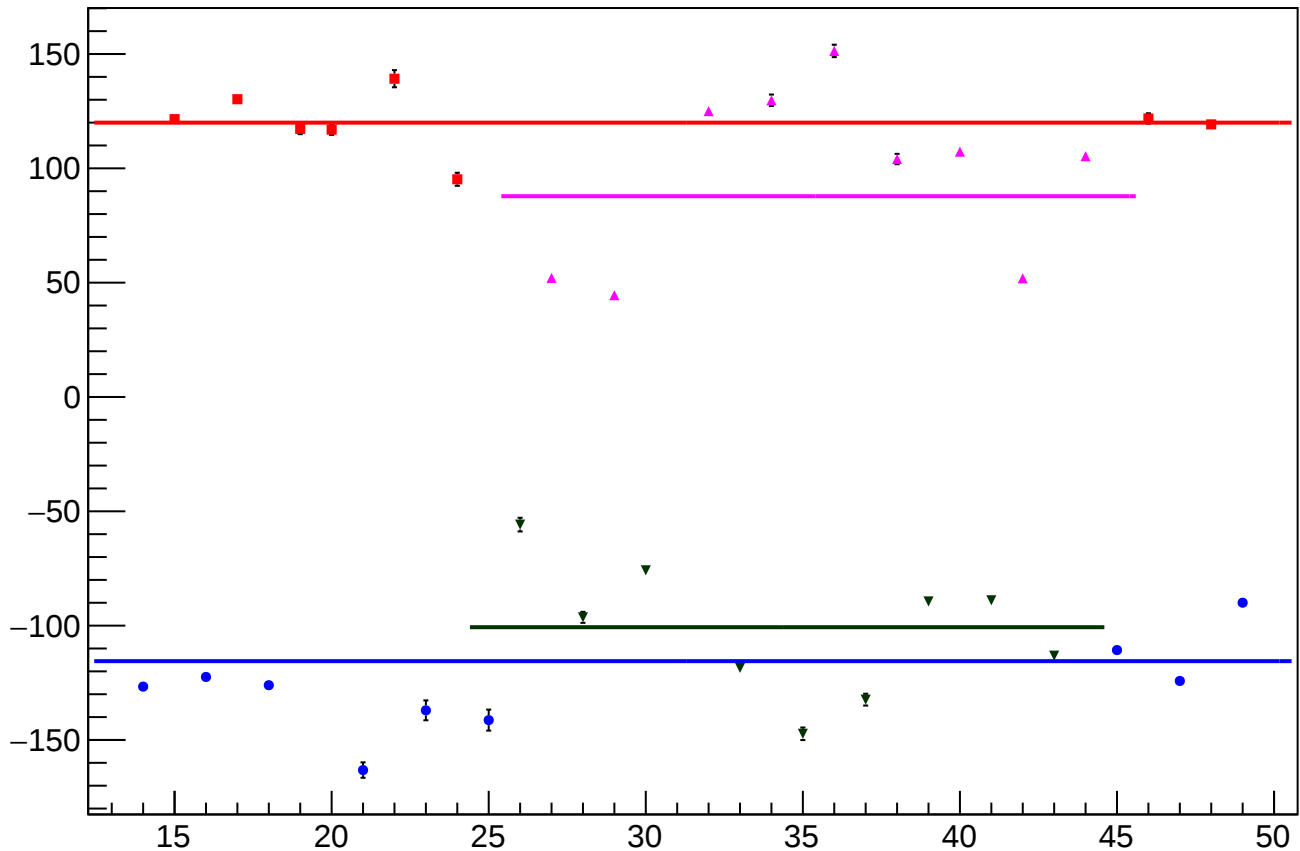
Left Out: -4.407+/-1.004 χ^2/NDF : 464.5/8

Right Out: -32.904+/-1.087 χ^2/NDF : 251.5/7

Left In: 4.347+/-0.893 χ^2/NDF : 1927.7/8

7.824+/-0.475 χ^2/NDF : 6611.6/34

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -115.534±/0.674 χ^2/NDF : 784.1/8

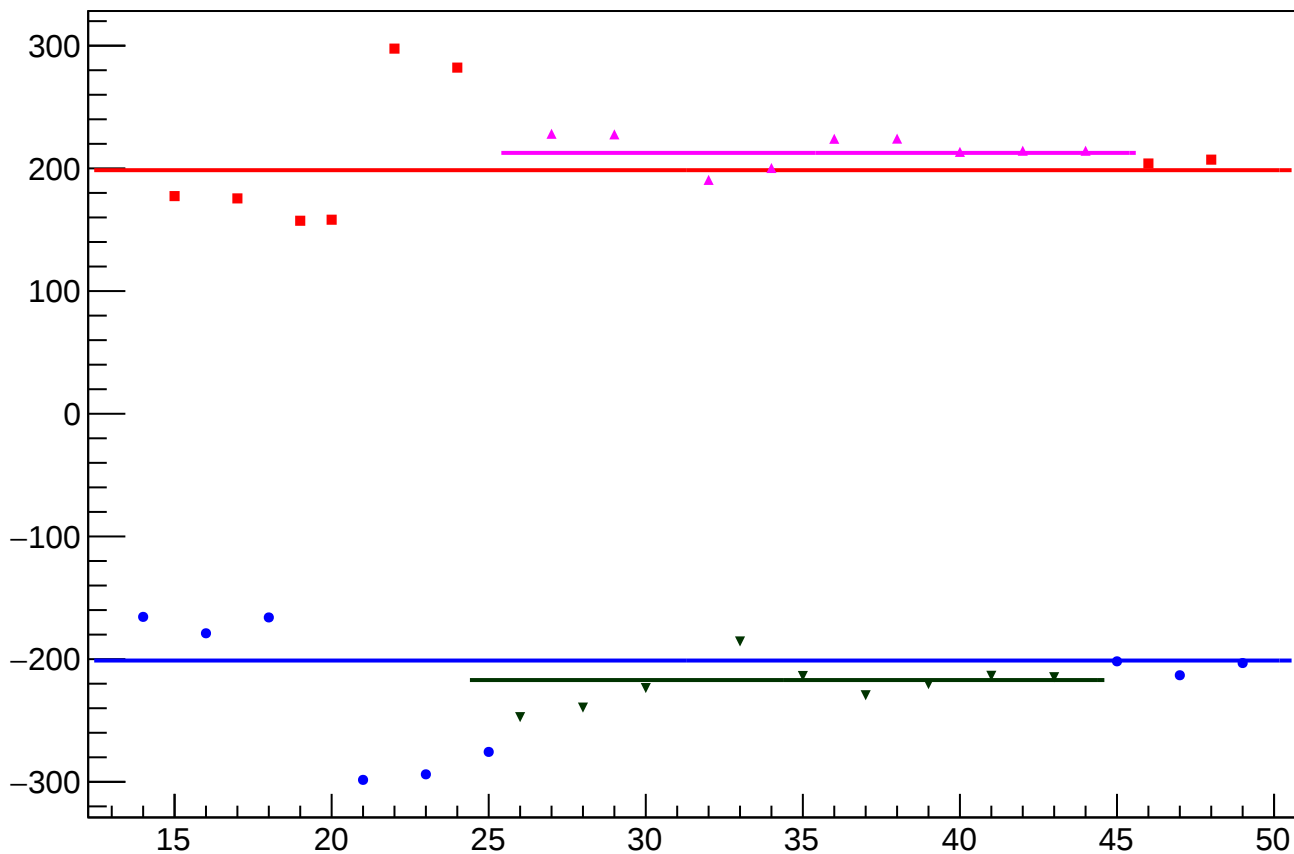
Left Out: -100.691±/0.748 χ^2/NDF : 978.9/8

Right Out: 119.989±/0.831 χ^2/NDF : 129.1/7

Left In: 87.803±/0.654 χ^2/NDF : 3037.1/8

-7.111±/0.359 χ^2/NDF : 90851.7/34

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -201.125+/-0.163 χ^2/NDF : 46713.2/8

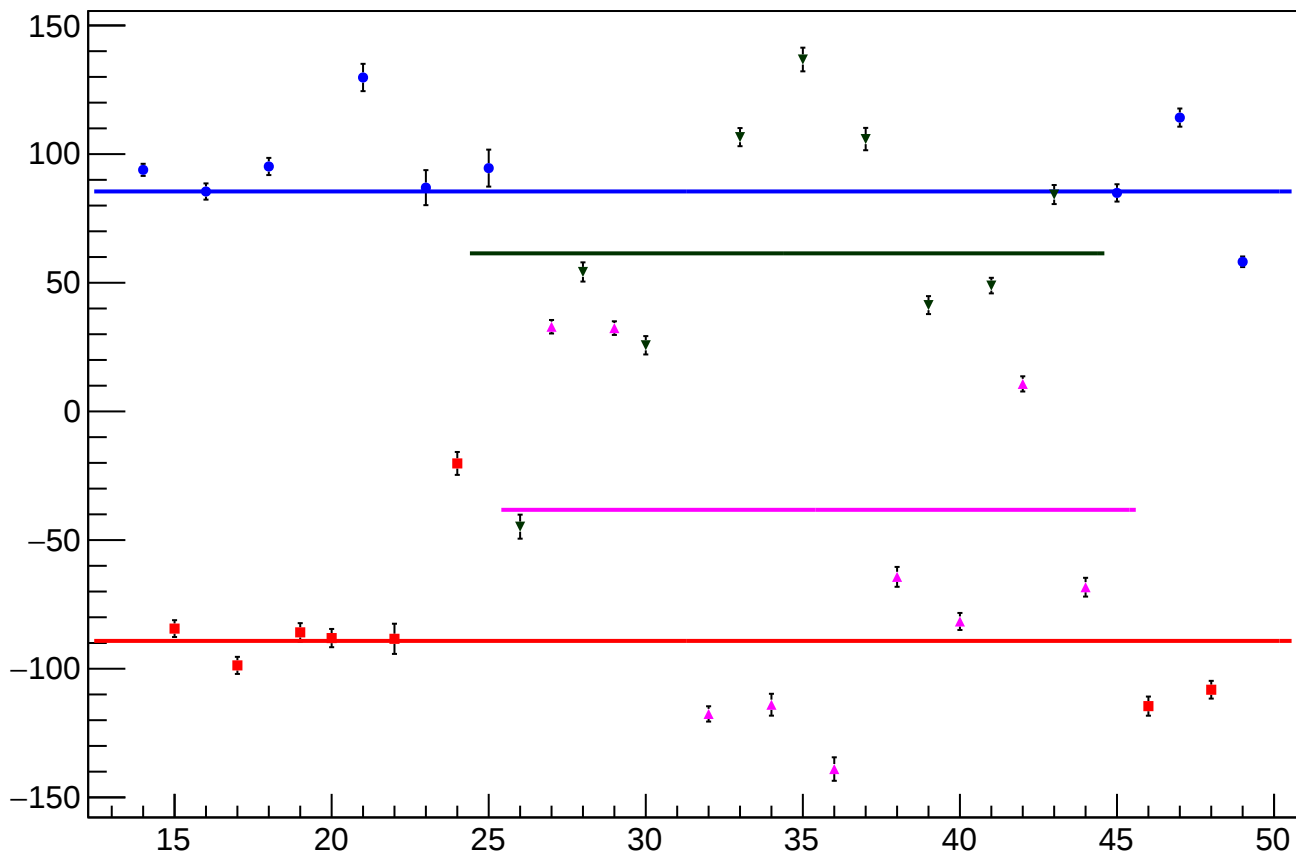
Left Out: -217.033+/-0.168 χ^2/NDF : 9889.6/8

Right Out: 198.531+/-0.199 χ^2/NDF : 40924.6/7

Left In: 212.625+/-0.153 χ^2/NDF : 8043.8/8

-8.664+/-0.084 χ^2/NDF : 6230552.7/34

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 85.491 $\pm$ 1.084 χ^2 /NDF: 334.4/8

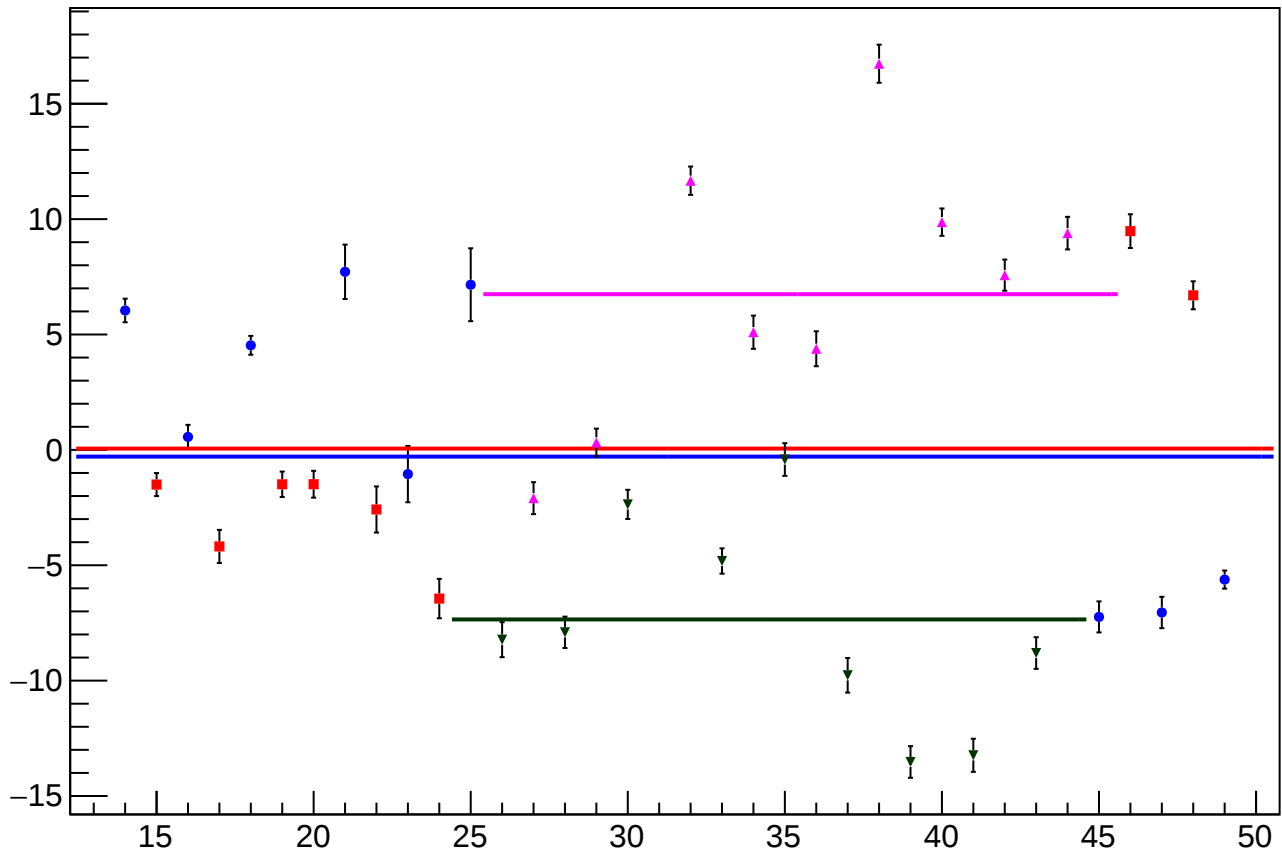
Left Out: 61.427 $\pm$ 1.249 χ^2 /NDF:1247.3/8

Right Out: -89.185 $\pm$ 1.316 χ^2 /NDF: 327.8/7

Left In: -38.244 $\pm$ 1.083 χ^2 /NDF:3520.8/8

9.613 $\pm$ 0.585 χ^2 /NDF: 19640.8/34

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -0.292 ± 0.195 χ^2/NDF : 754.7/8

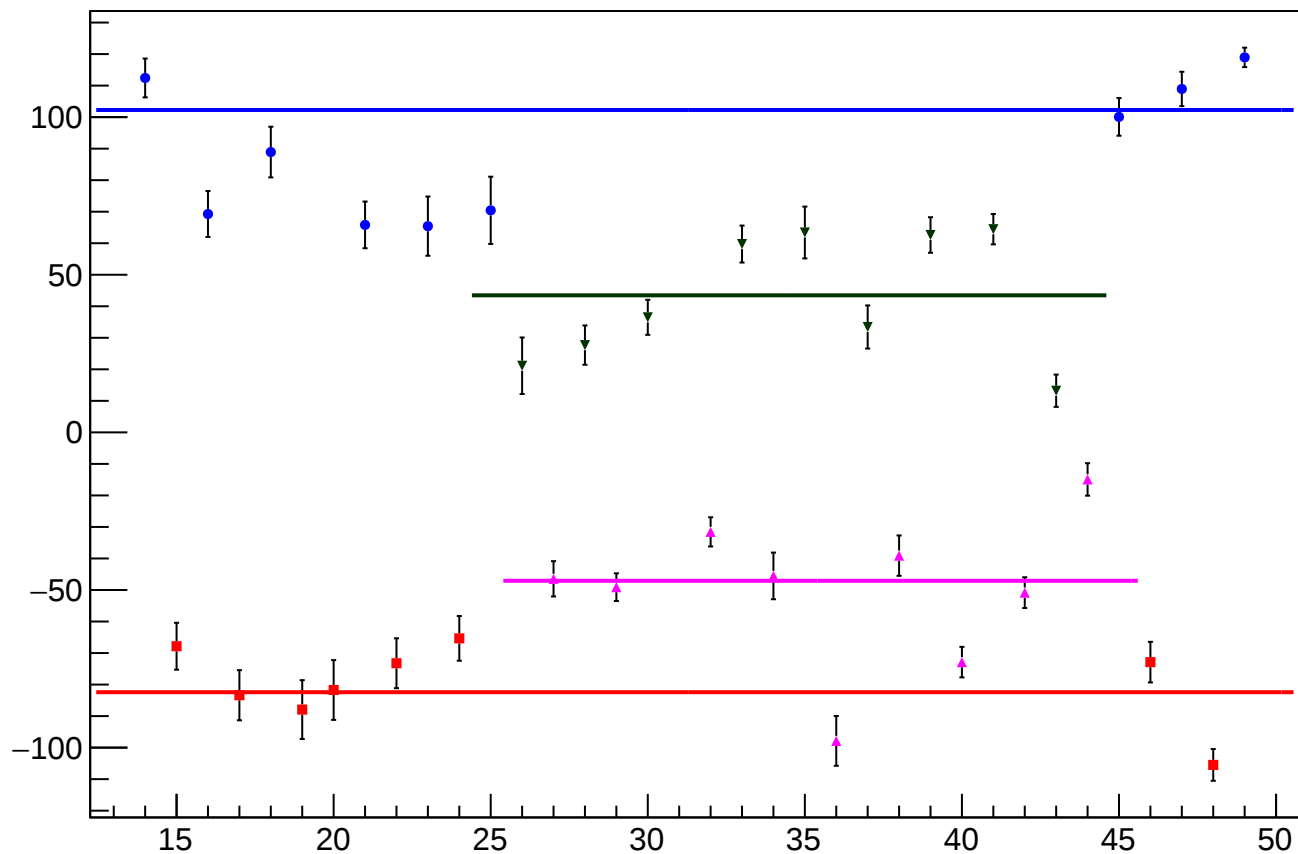
Left Out: -7.348 ± 0.225 χ^2/NDF : 344.7/8

Right Out: 0.056 ± 0.229 χ^2/NDF : 410.3/7

Left In: 6.747 ± 0.225 χ^2/NDF : 547.5/8

-0.213 ± 0.109 χ^2/NDF : 4016.4/34

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 102.266±1.938 χ^2/NDF : 105.5/8

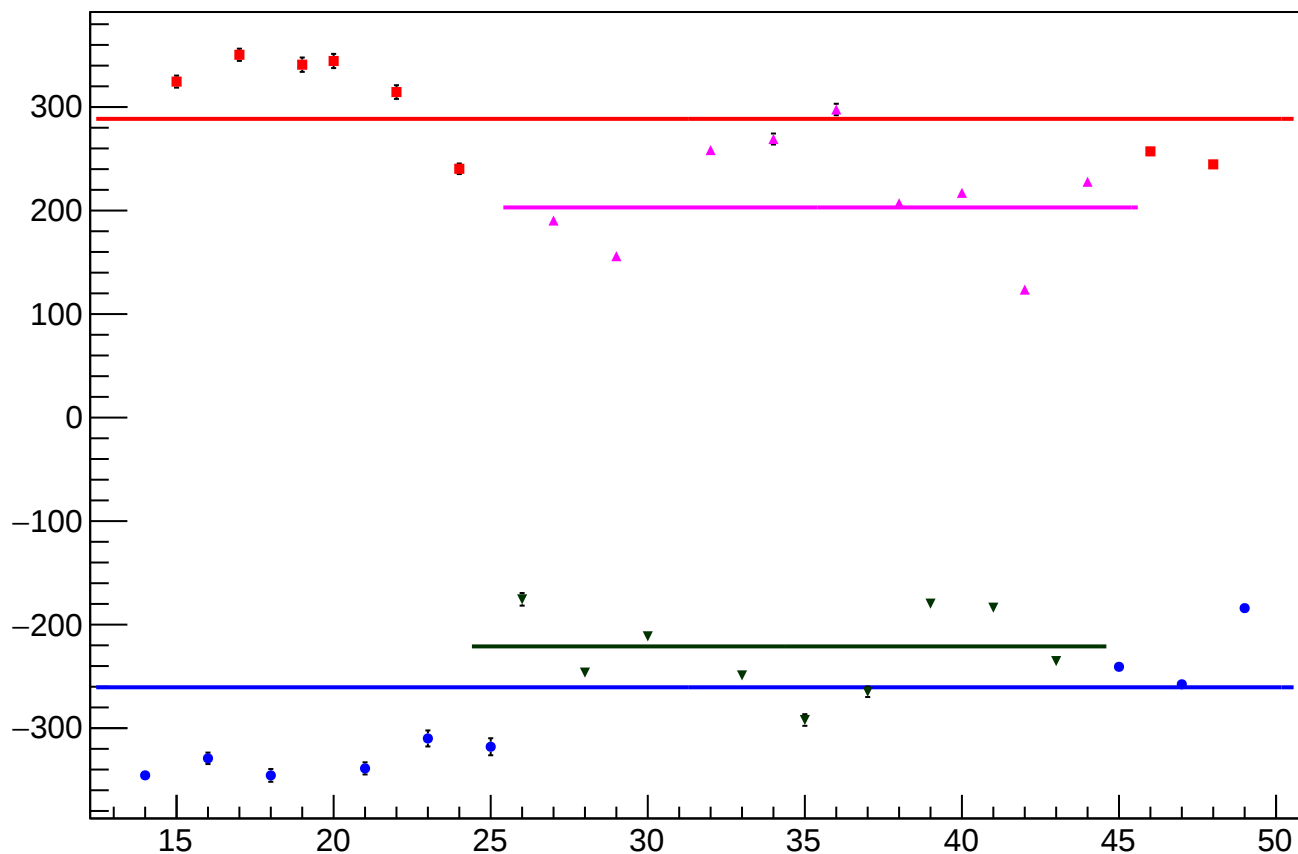
Left Out: 43.469±2.005 χ^2/NDF : 95.4/8

Right Out: -82.422±2.533 χ^2/NDF : 34.5/7

Left In: -47.079±1.793 χ^2/NDF : 122.4/8

10.727±1.009 χ^2/NDF : 5247.3/34

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -260.533+/-1.531 χ^2 /NDF: 1871.5/8

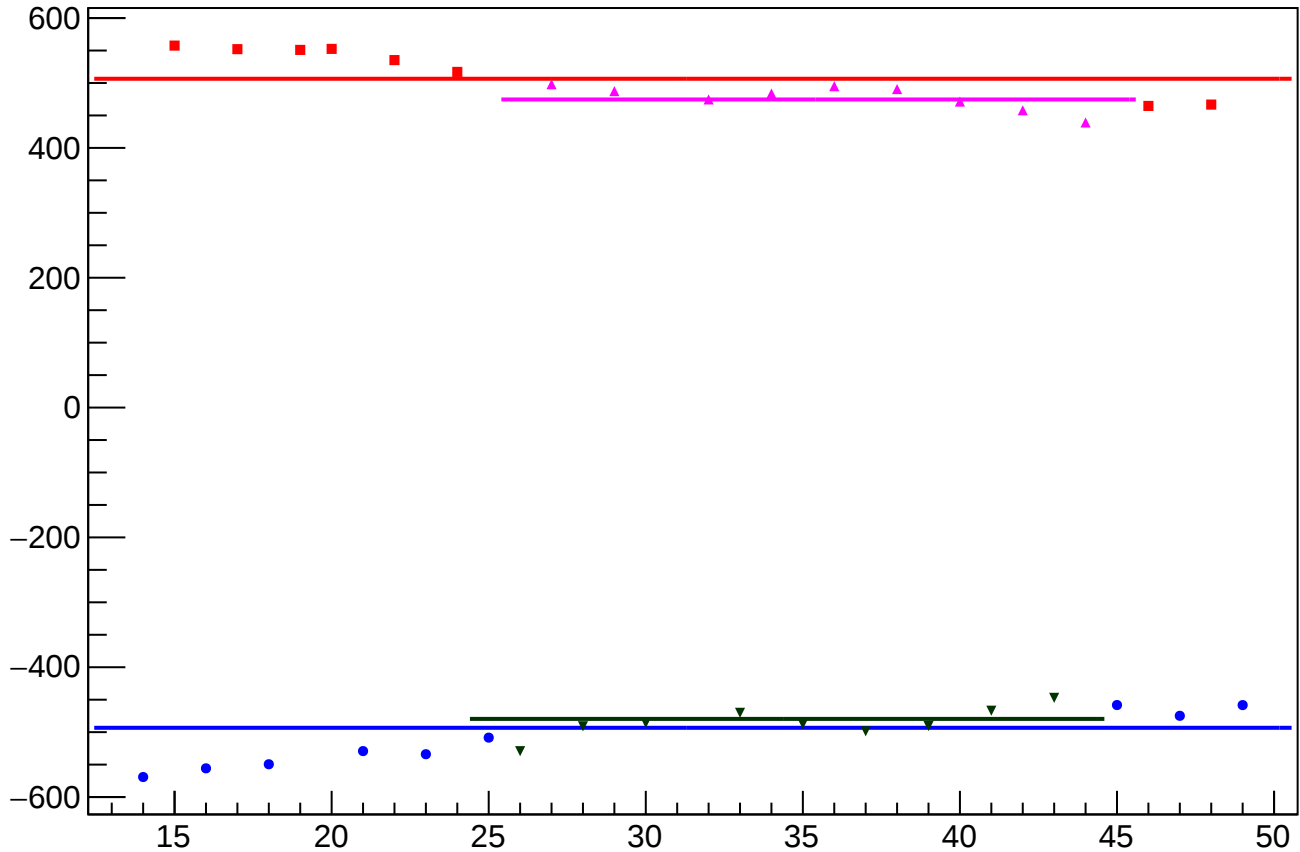
Left Out: -221.044+/-1.496 χ^2 /NDF:593.9/8

Right Out: 288.579+/-1.954 χ^2 /NDF: 528.5/7

Left In: 203.012+/-1.312 χ^2 /NDF:1461.2/8

-9.524+/-0.763 χ^2 /NDF: 100886.2/34

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -493.286+/-0.362 χ^2/NDF : 13584.7/8

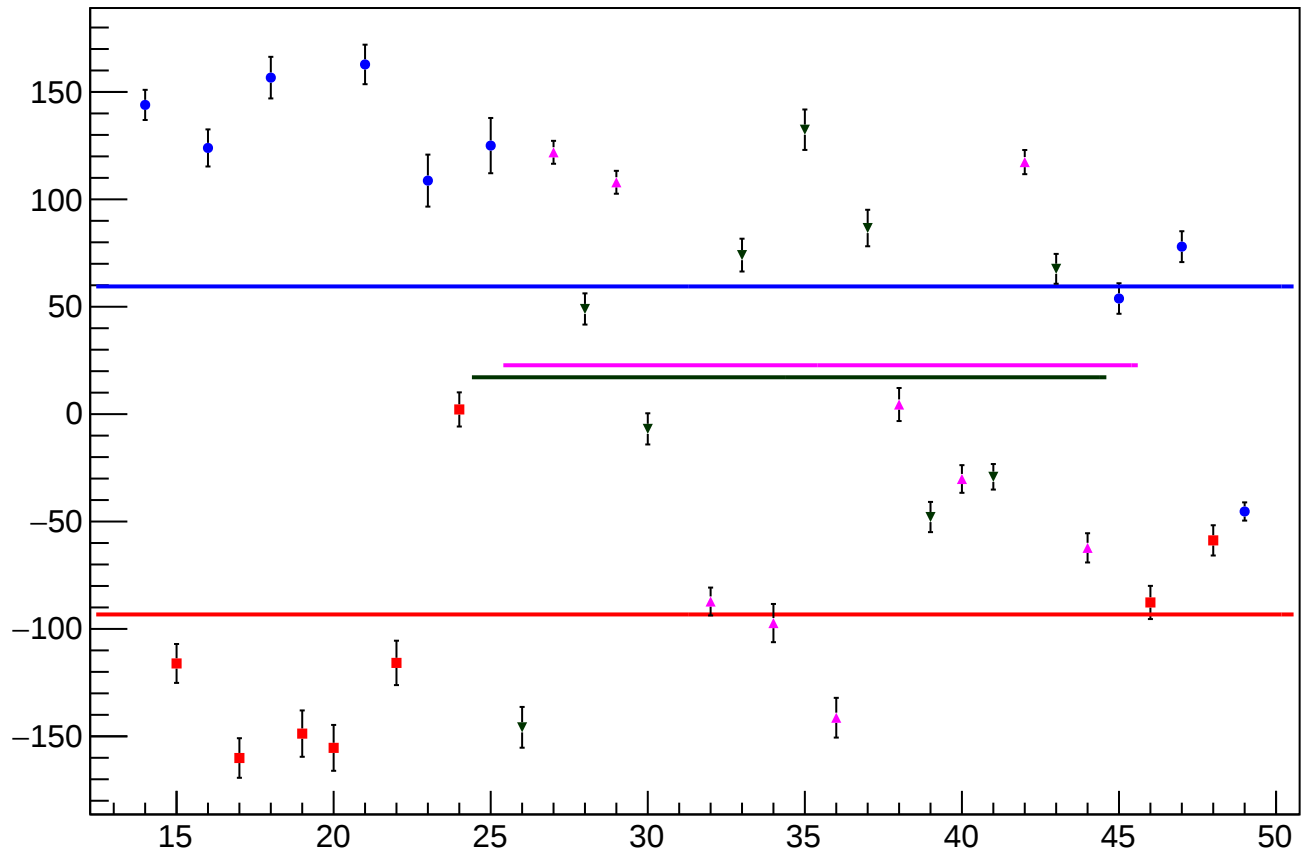
Left Out: -479.578+/-0.336 χ^2/NDF : 3549.6/8

Right Out: 506.537+/-0.456 χ^2/NDF : 7603.3/7

Left In: 474.603+/-0.308 χ^2/NDF : 3381.7/8

-18.576+/-0.177 χ^2/NDF : 7525802.0/34

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 59.456 ± 2.471 $\chi^2/\text{NDF}: 1087.0/8$

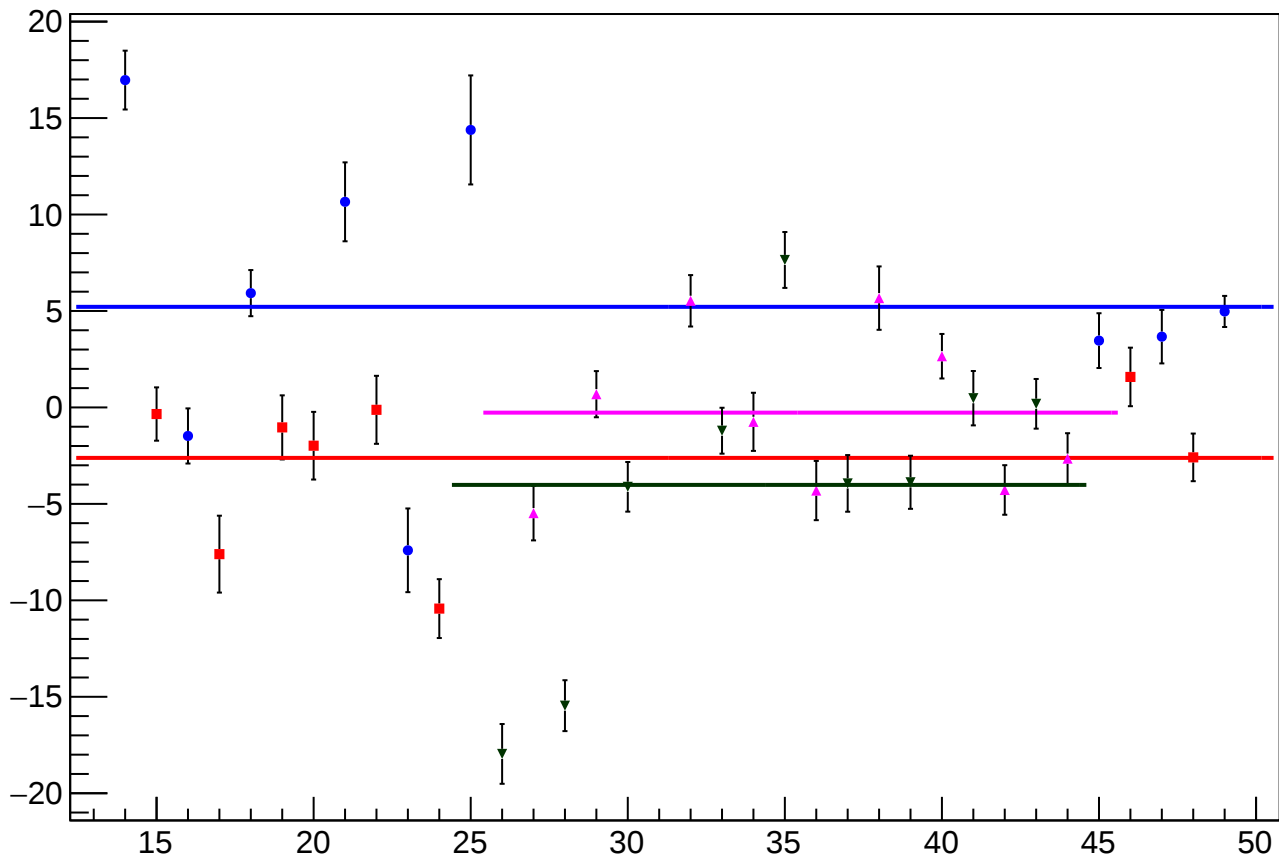
Left Out: 17.160 ± 2.496 $\chi^2/\text{NDF}: 796.1/8$

11.999 ± 1.250 $\chi^2/\text{NDF}: 5615.7/34$

Right Out: -93.262 ± 3.110 $\chi^2/\text{NDF}: 292.5/7$

Left In: 22.755 ± 2.169 $\chi^2/\text{NDF}: 1896.6/8$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 5.214 $\pm$ 0.459 χ^2 /NDF: 136.0/8

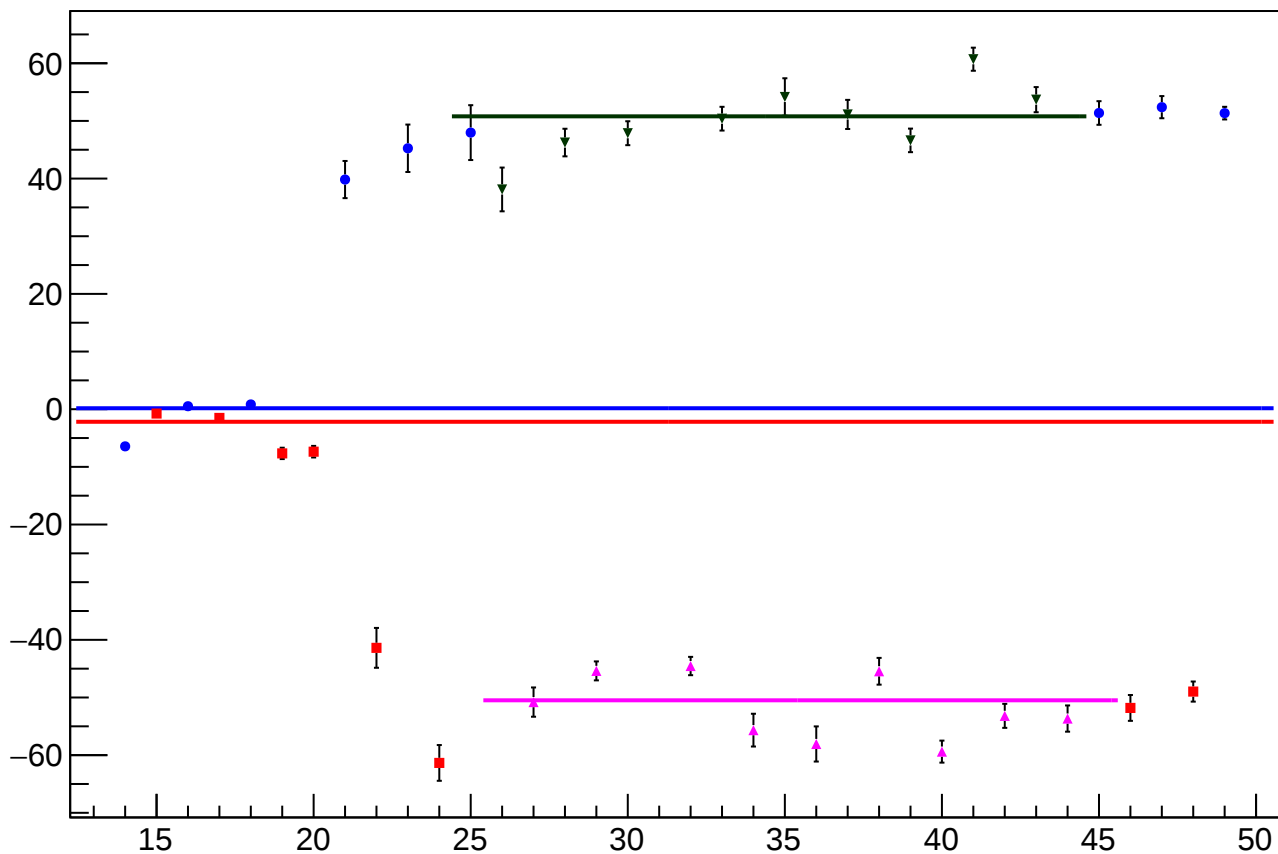
Left Out: -4.016 $\pm$ 0.453 χ^2 /NDF: 247.5/8

Right Out: -2.616 $\pm$ 0.550 χ^2 /NDF: 45.9/7

Left In: -0.270 $\pm$ 0.450 χ^2 /NDF: 72.6/8

-0.268 $\pm$ 0.237 χ^2 /NDF: 731.5/34

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 0.167 $\pm$ 0.146 χ^2/NDF : 4528.7/8

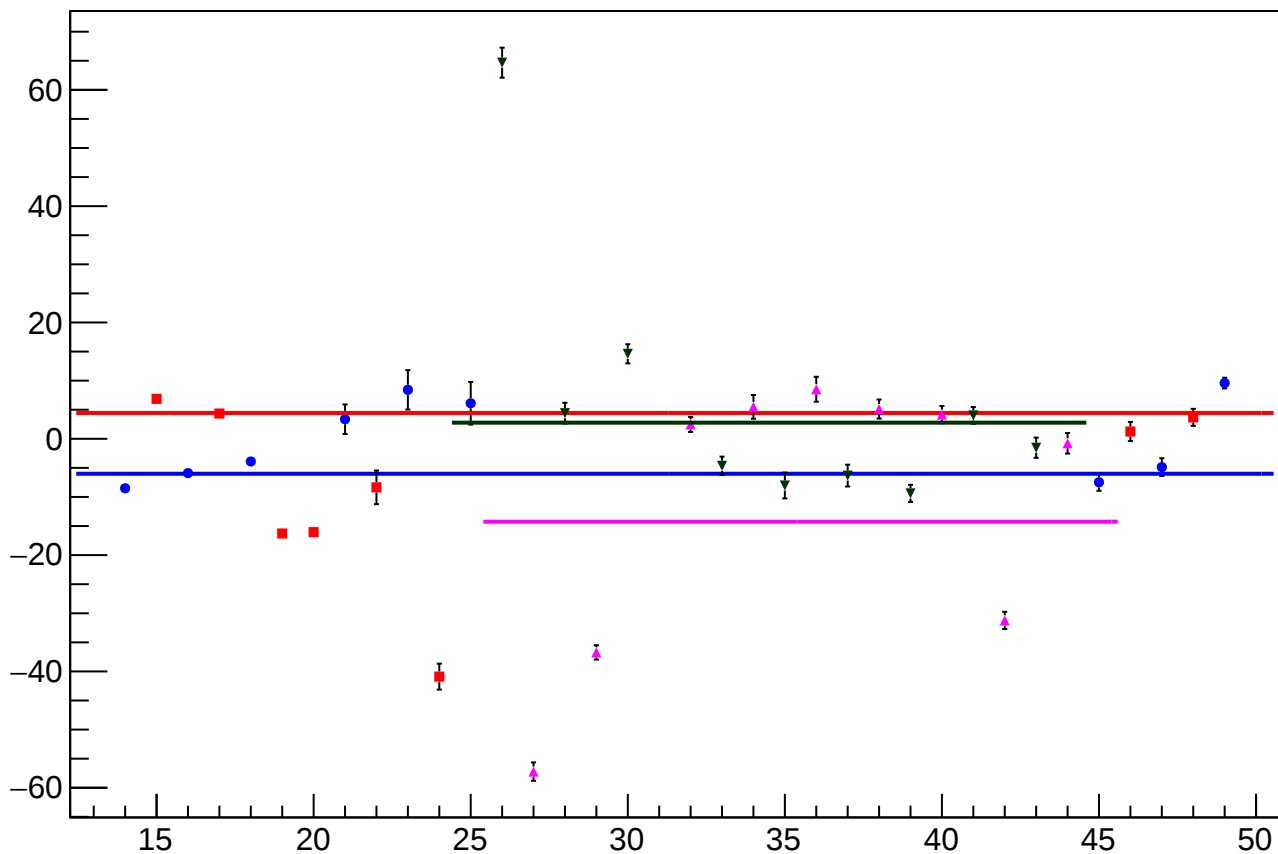
Left Out: 50.793 $\pm$ 0.775 χ^2/NDF :48.3/8

Right Out: -2.180 $\pm$ 0.151 χ^2/NDF : 1816.8/7

Left In: -50.488 $\pm$ 0.701 χ^2/NDF :63.2/8

-1.123 $\pm$ 0.103 χ^2/NDF : 16031.5/34

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.011 ± 0.109 χ^2/NDF : 579.5/8

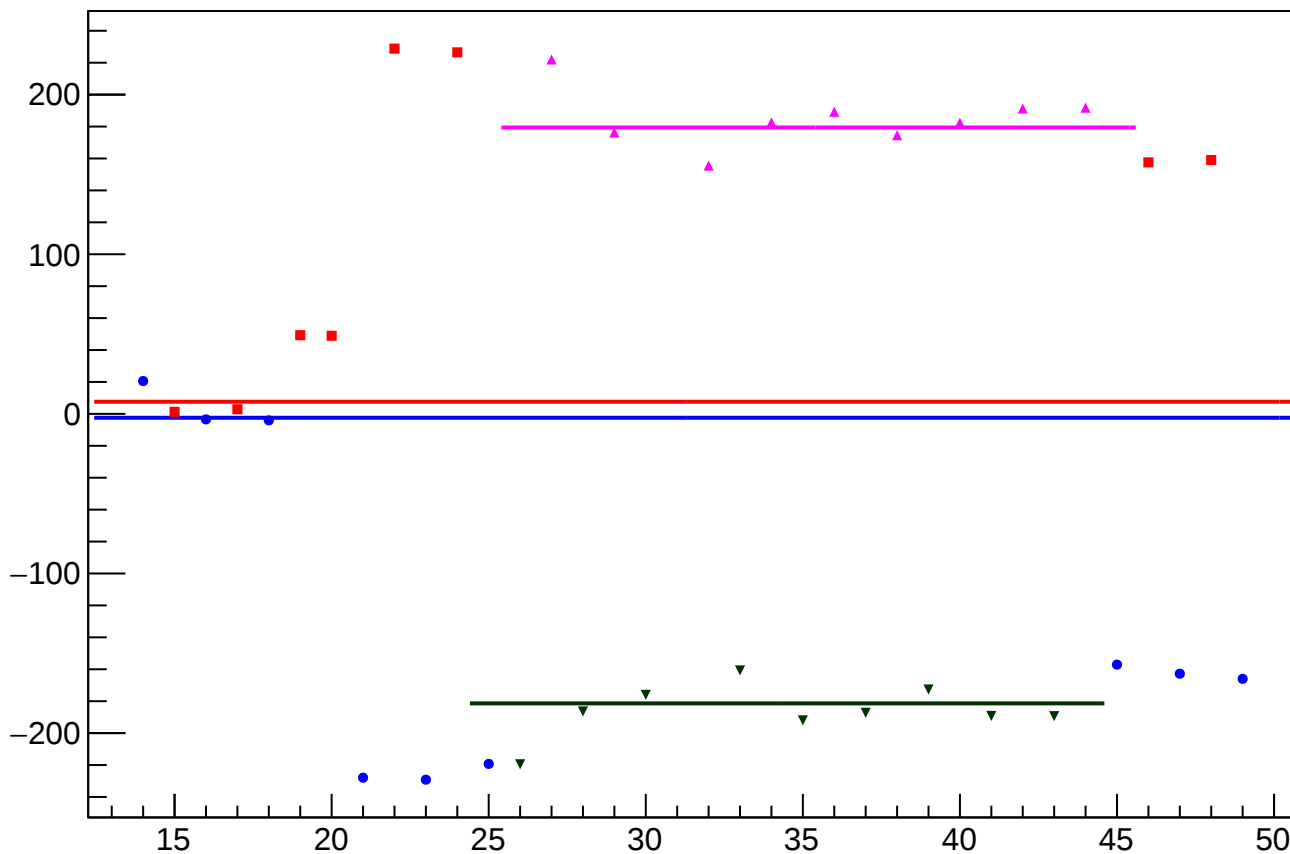
Left Out: 2.776 ± 0.578 χ^2/NDF : 772.4/8

Right Out: 4.438 ± 0.115 χ^2/NDF : 2263.0/7

Left In: -14.260 ± 0.519 χ^2/NDF : 1925.9/8

-1.270 ± 0.078 χ^2/NDF : 10555.7/34

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -2.447 ± 0.028 $\chi^2/\text{NDF}: 1519069.8/8$

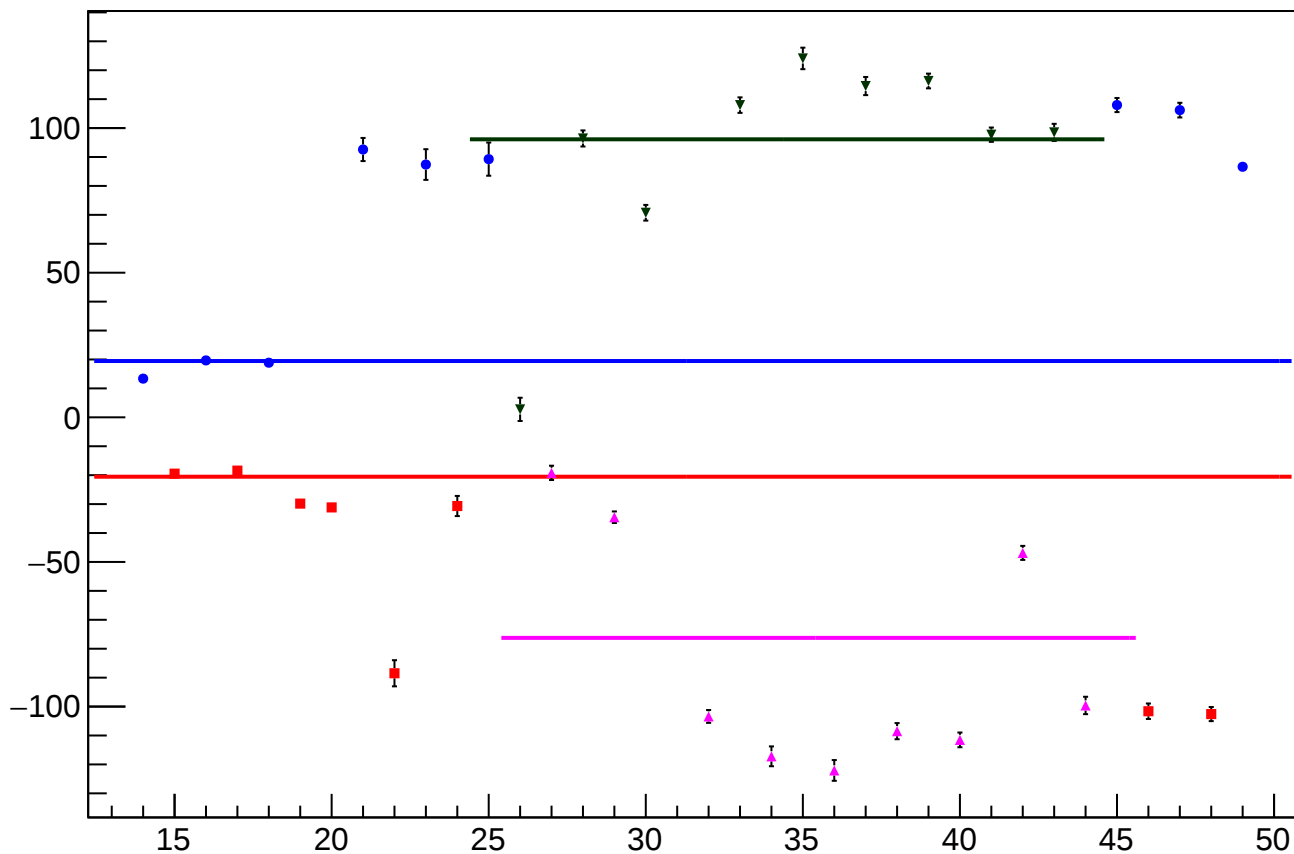
Left Out: -181.384 ± 0.129 $\chi^2/\text{NDF}: 10642.5/8$

Right Out: 7.606 ± 0.029 $\chi^2/\text{NDF}: 819717.1/7$

Left In: 179.424 ± 0.120 $\chi^2/\text{NDF}: 21031.0/8$

3.002 ± 0.020 $\chi^2/\text{NDF}: 6645582.8/34$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 19.465+/-0.172 χ^2/NDF : 5486.8/8

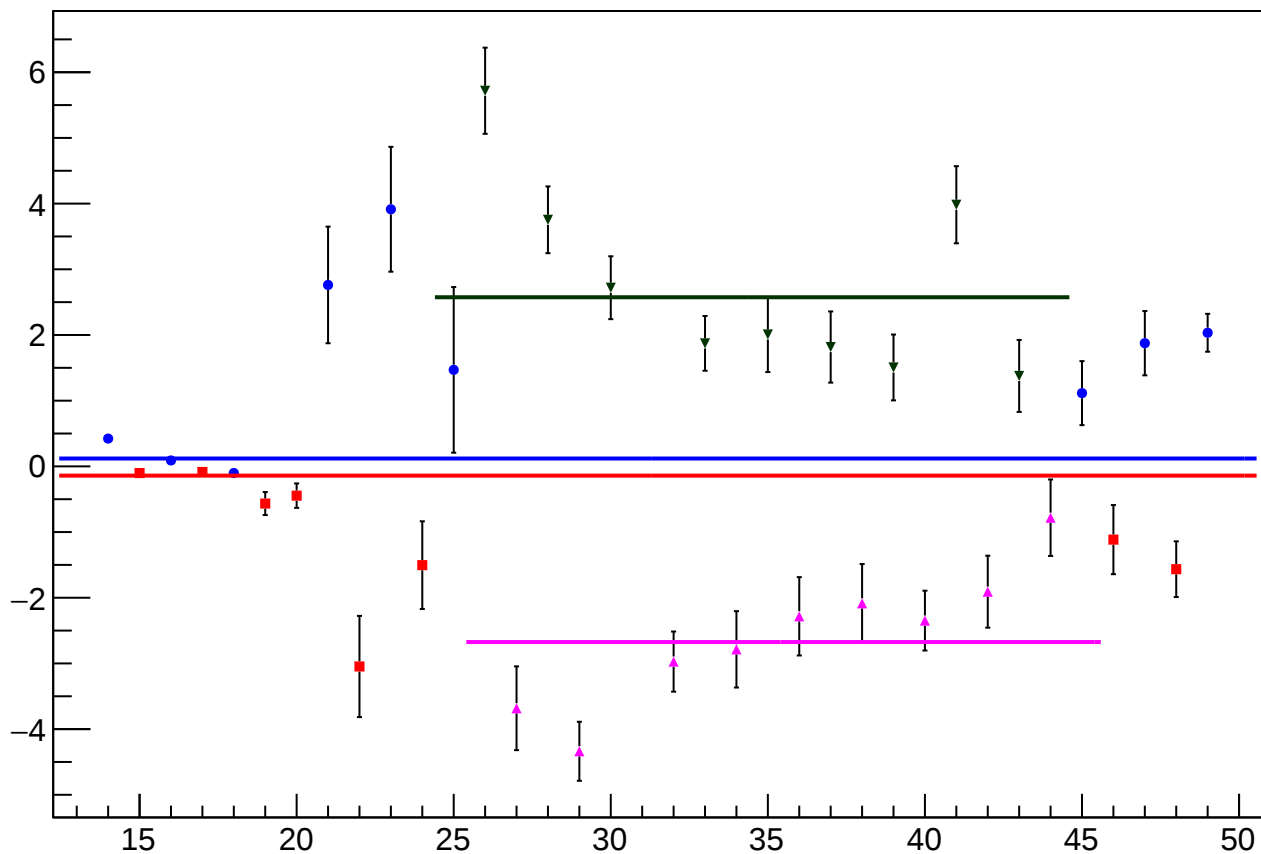
Left Out: 96.116+/-0.966 χ^2/NDF : 801.0/8

Right Out: -20.532+/-0.179 χ^2/NDF : 2510.3/7

Left In: -76.248+/-0.863 χ^2/NDF : 1954.9/8

0.337+/-0.122 χ^2/NDF : 54425.2/34

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.119 $\pm$ 0.029 χ^2 /NDF: 129.7/8

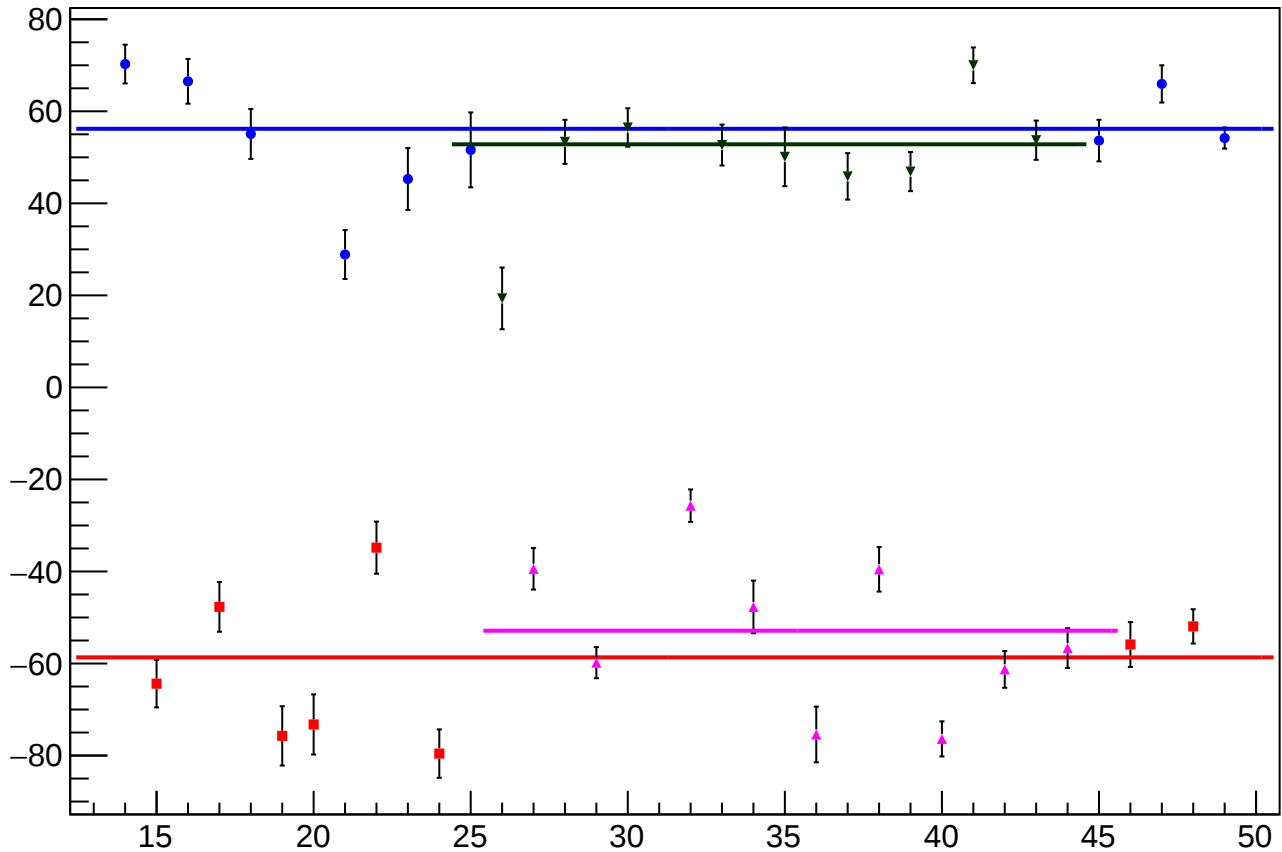
Left Out: 2.574 $\pm$ 0.174 χ^2 /NDF: 49.3/8

Right Out: -0.141 $\pm$ 0.031 χ^2 /NDF: 43.6/7

Left In: -2.674 $\pm$ 0.177 χ^2 /NDF: 31.1/8

-0.000 $\pm$ 0.021 χ^2 /NDF: 738.2/34

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 56.202 ± 1.406 $\chi^2/\text{NDF}: 52.1/8$

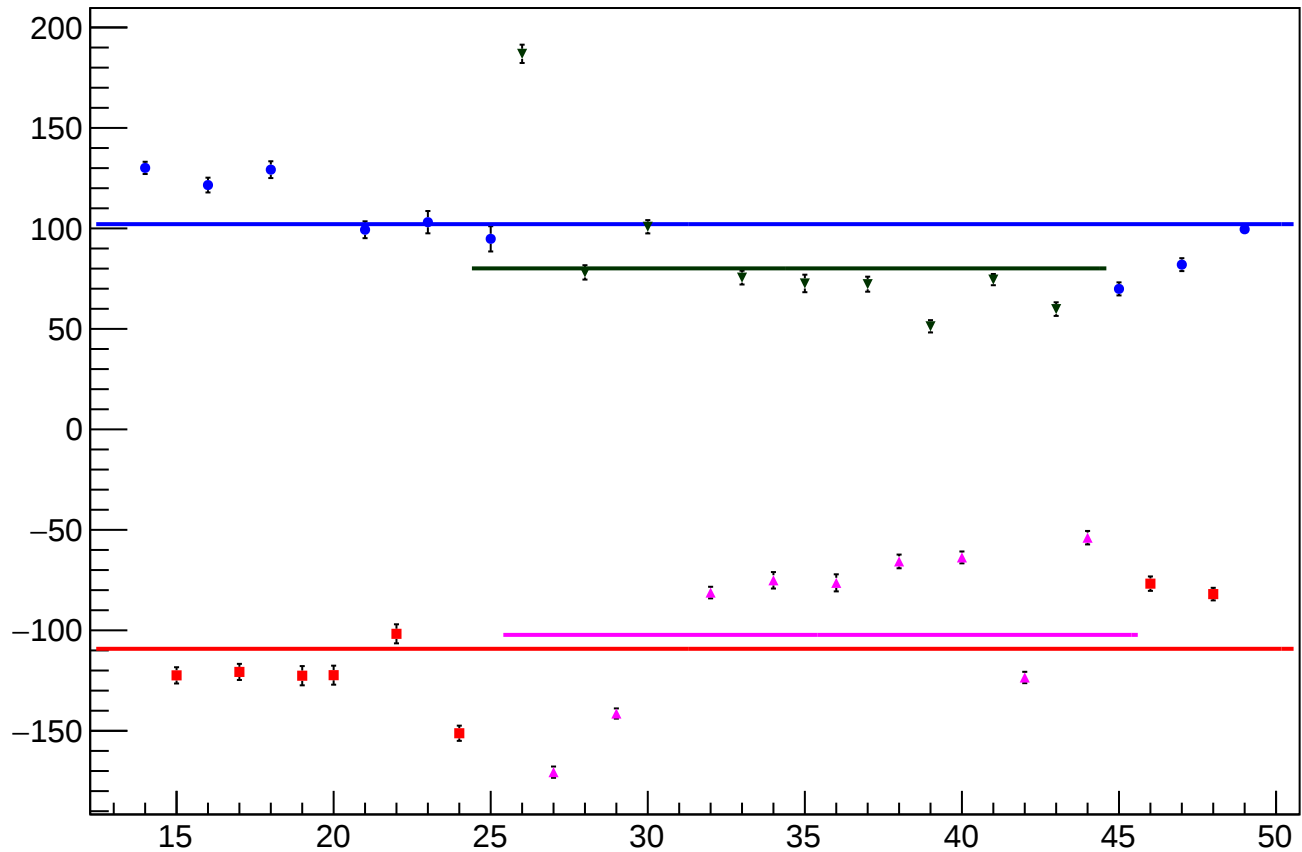
Left Out: 52.828 ± 1.553 $\chi^2/\text{NDF}: 49.4/8$

Right Out: -58.664 ± 1.824 $\chi^2/\text{NDF}: 54.4/7$

Left In: -52.873 ± 1.411 $\chi^2/\text{NDF}: 137.9/8$

3.564 ± 0.762 $\chi^2/\text{NDF}: 5466.0/34$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 102.118 $\pm$ 1.108 χ^2/NDF : 295.5/8

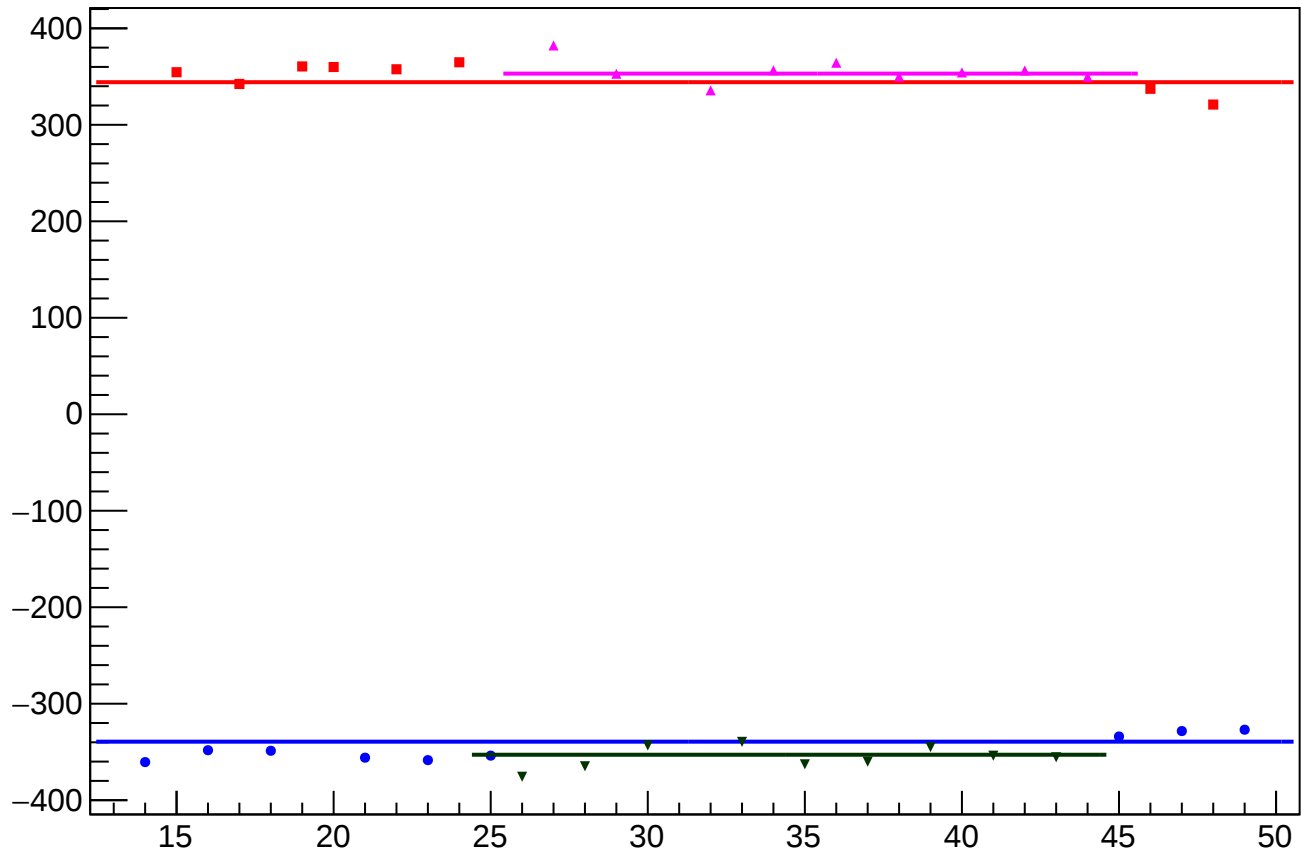
Left Out: 80.107 $\pm$ 1.156 χ^2/NDF : 725.9/8

Right Out: -109.189 $\pm$ 1.406 χ^2/NDF : 317.6/7

Left In: -102.262 $\pm$ 1.036 χ^2/NDF : 1514.4/8

-2.472 $\pm$ 0.577 χ^2/NDF : 31905.8/34

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -339.347+/-0.263 χ^2/NDF : 2541.3/8

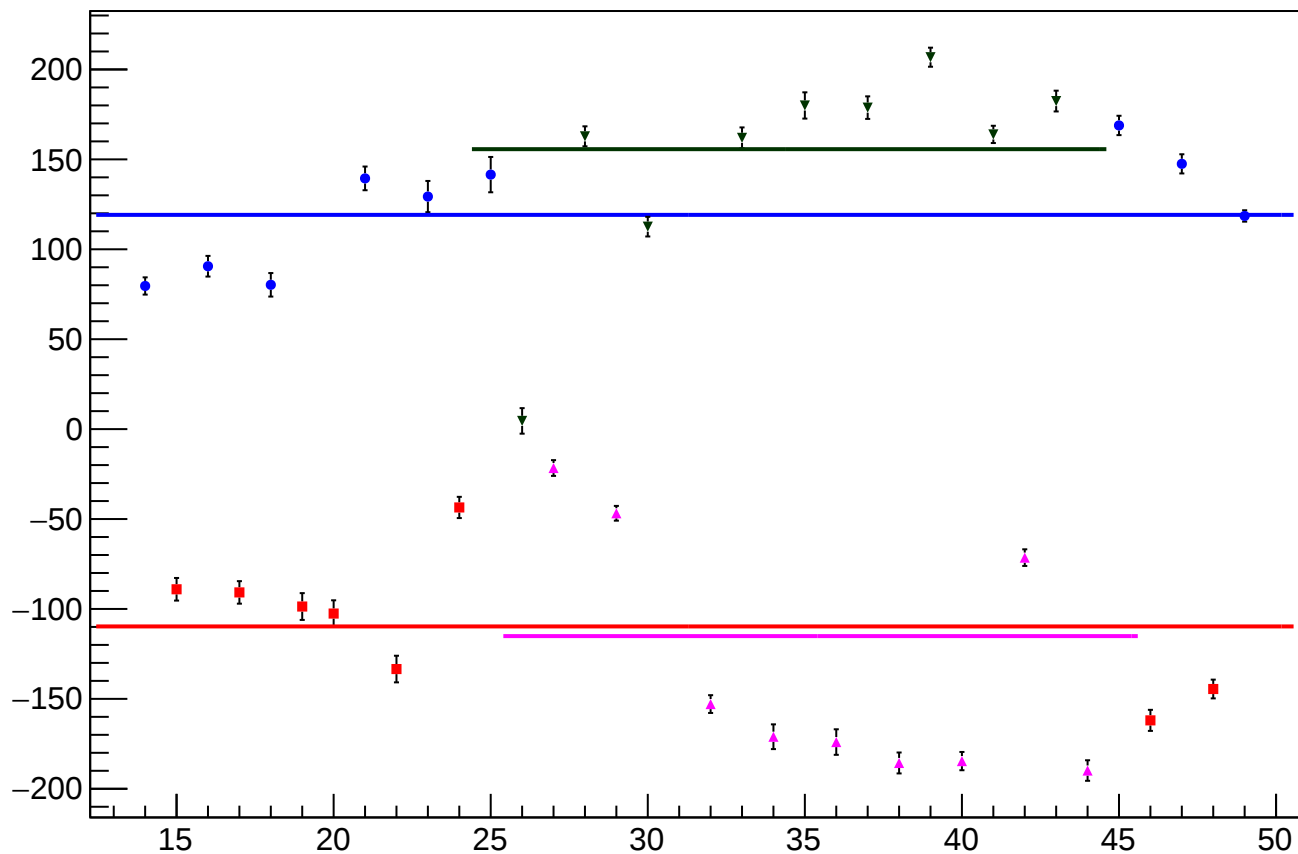
Left Out: -352.892+/-0.259 χ^2/NDF :1502.2/8

Right Out: 344.182+/-0.330 χ^2/NDF : 2267.9/7

Left In: 353.066+/-0.242 χ^2/NDF :2507.5/8

-17.383+/-0.134 χ^2/NDF : 6726780.5/34

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 119.137 $\pm$ 1.786 χ^2 /NDF: 258.0/8

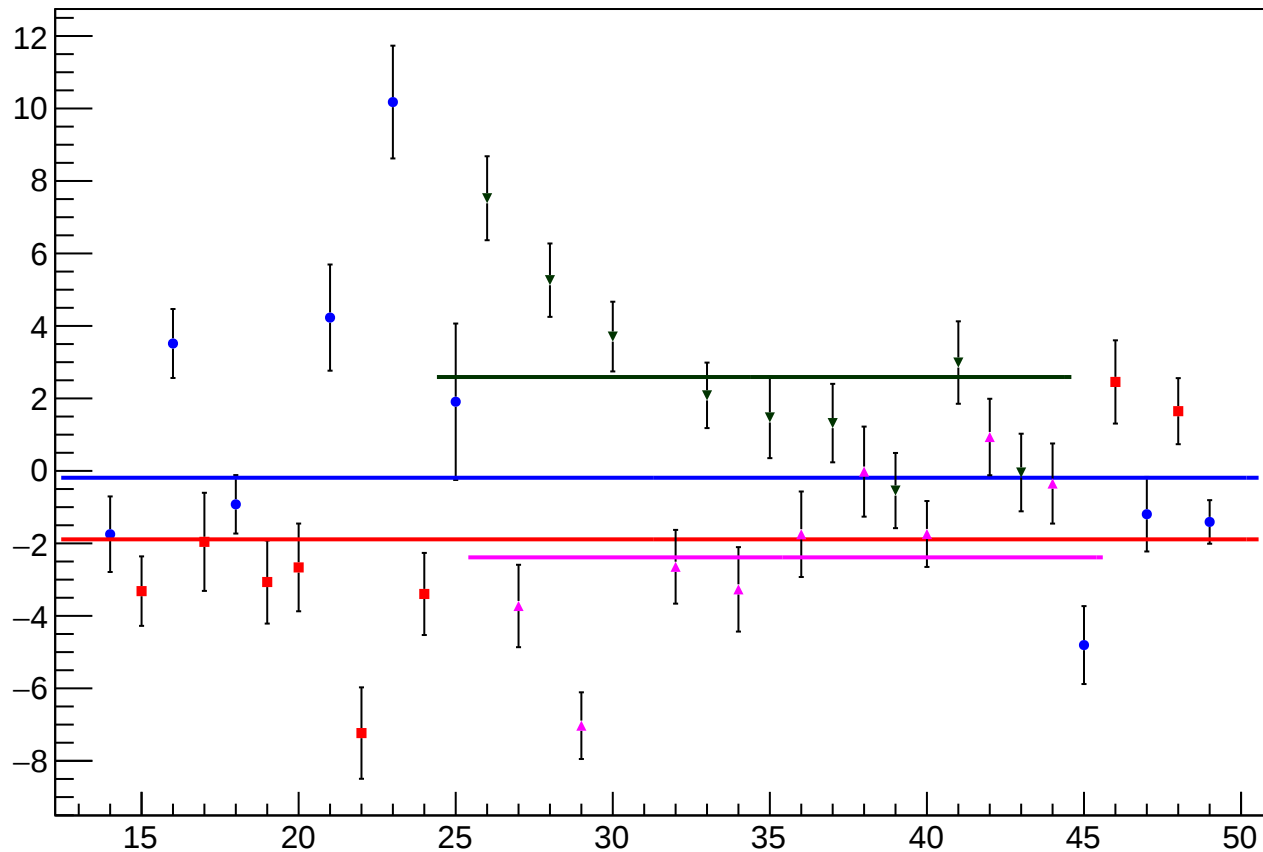
Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF:660.3/8

Right Out: -109.721 $\pm$ 2.235 χ^2 /NDF: 283.1/7

Left In: -115.103 $\pm$ 1.717 χ^2 /NDF:1520.3/8

16.225 $\pm$ 0.944 χ^2 /NDF: 20290.1/34

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -0.189 ± 0.329 χ^2/NDF : 96.2/8

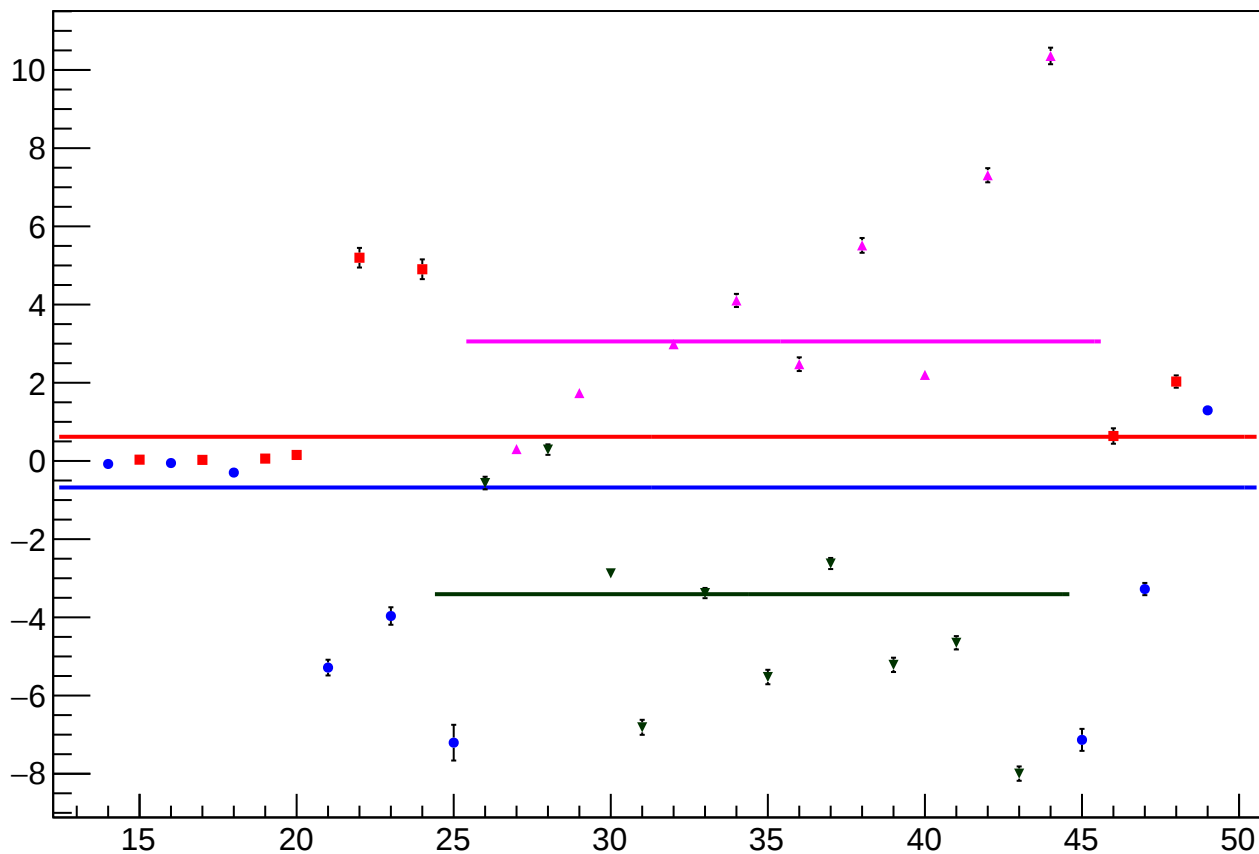
Left Out: 2.591 ± 0.348 χ^2/NDF : 44.4/8

Right Out: -1.889 ± 0.394 χ^2/NDF : 52.8/7

Left In: -2.386 ± 0.355 χ^2/NDF : 45.2/8

-0.361 ± 0.177 χ^2/NDF : 358.3/34

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.679 ± 0.041 χ^2/NDF : 2229.9/8

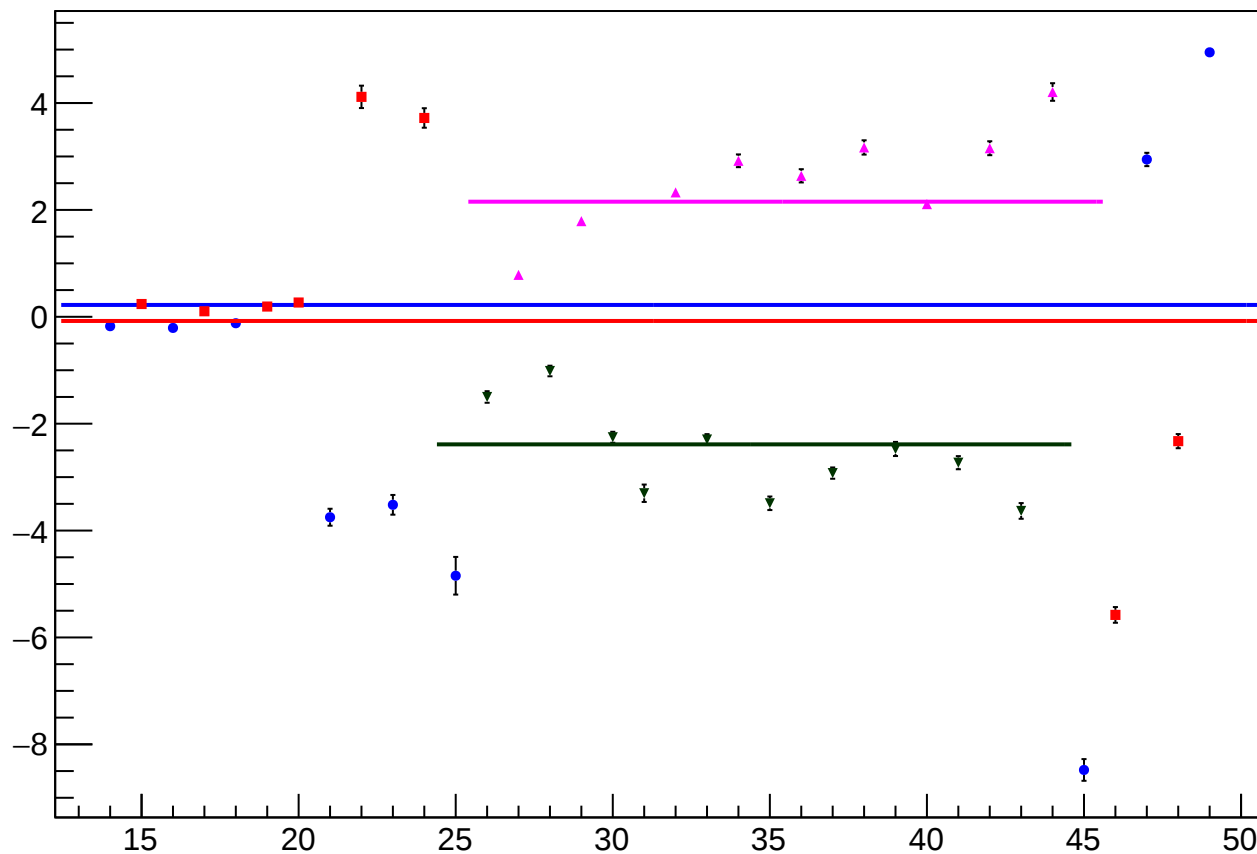
Left Out: -3.408 ± 0.049 χ^2/NDF : 2336.5/9

Right Out: 0.618 ± 0.047 χ^2/NDF : 811.0/7

Left In: 3.057 ± 0.044 χ^2/NDF : 2696.0/8

0.027 ± 0.023 χ^2/NDF : 18130.9/35

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 0.222 ± 0.032 $\chi^2/\text{NDF}: 6611.4/8$

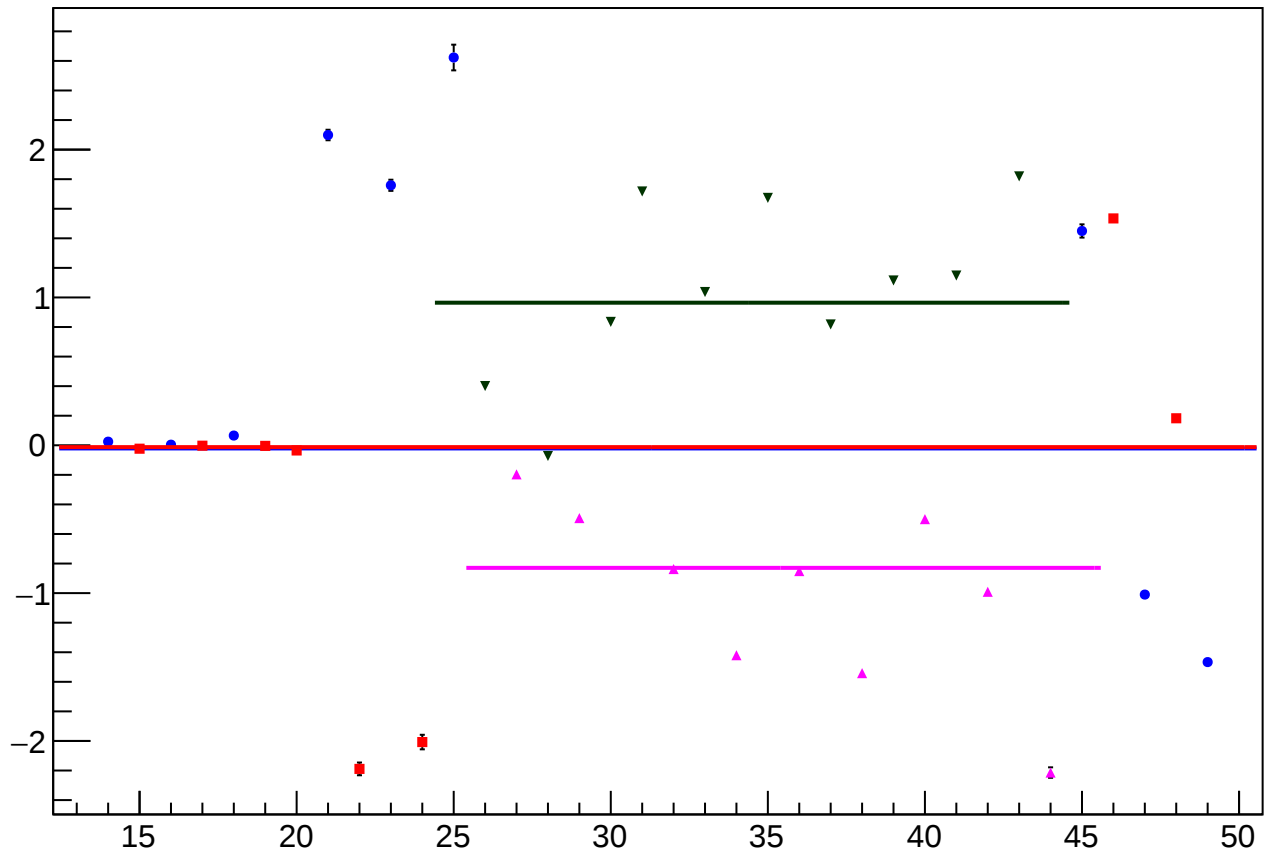
Left Out: -2.387 ± 0.037 $\chi^2/\text{NDF}: 474.3/9$

Right Out: -0.078 ± 0.036 $\chi^2/\text{NDF}: 2570.1/7$

Left In: 2.154 ± 0.032 $\chi^2/\text{NDF}: 703.0/8$

0.126 ± 0.017 $\chi^2/\text{NDF}: 18972.6/35$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.021+/-0.008 χ^2/NDF : 13733.6/8

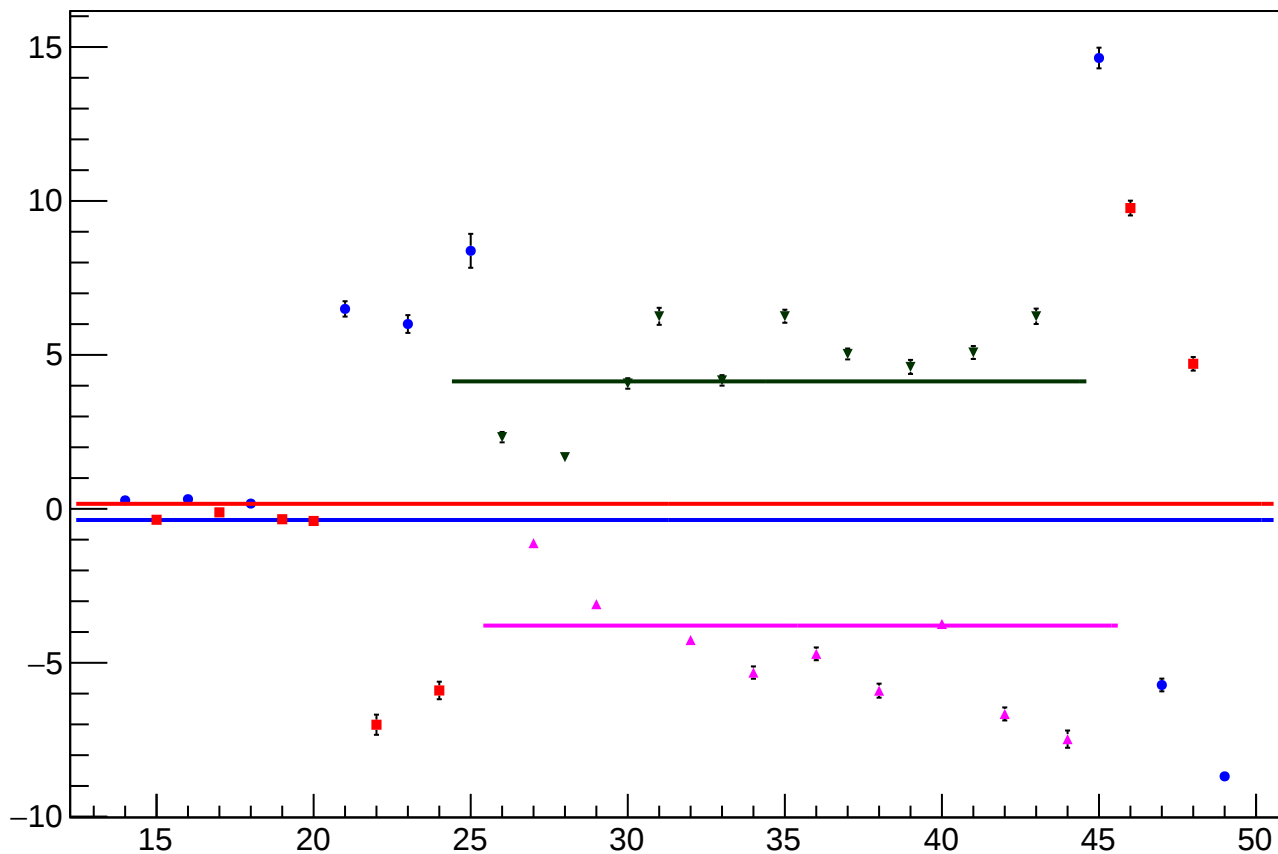
Left Out: 0.965+/-0.008 χ^2/NDF : 4725.8/9

Right Out: -0.012+/-0.009 χ^2/NDF : 7013.4/7

Left In: -0.829+/-0.007 χ^2/NDF : 3974.8/8

-0.004+/-0.004 χ^2/NDF : 56480.6/35

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -0.362 ± 0.050 χ^2/NDF : 7620.3/8

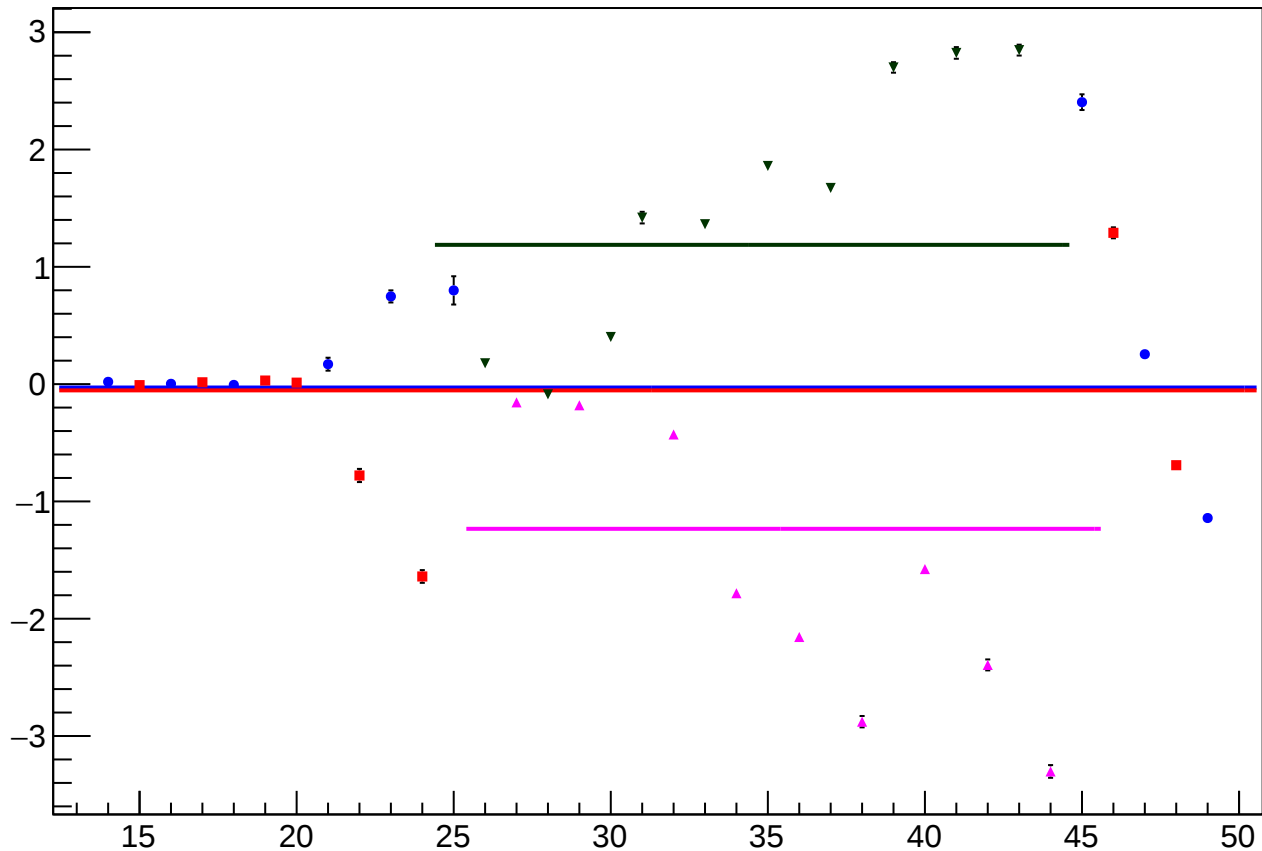
Left Out: 4.140 ± 0.061 χ^2/NDF : 645.5/9

Right Out: 0.163 ± 0.056 χ^2/NDF : 3009.1/7

Left In: -3.791 ± 0.054 χ^2/NDF : 1110.1/8

-0.215 ± 0.027 χ^2/NDF : 22000.1/35

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.029+/-0.009 χ^2/NDF : 3312.0/8

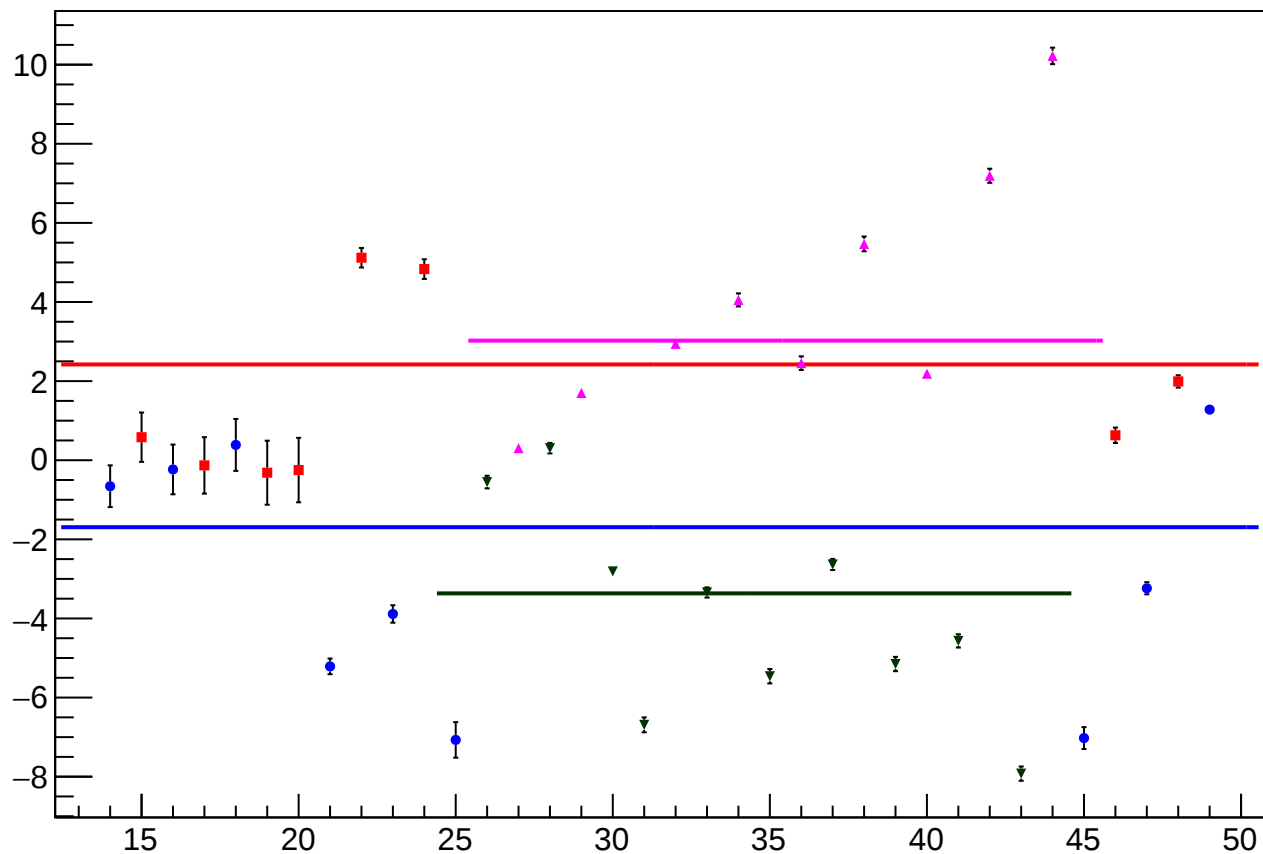
Left Out: 1.187+/-0.011 χ^2/NDF : 8226.8/9

-0.012+/-0.005 χ^2/NDF : 46187.1/35

Right Out: -0.053+/-0.010 χ^2/NDF : 2140.9/7

Left In: -1.234+/-0.011 χ^2/NDF : 7863.3/8

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -1.693 ± 0.069 $\chi^2/\text{NDF}: 1891.2/8$

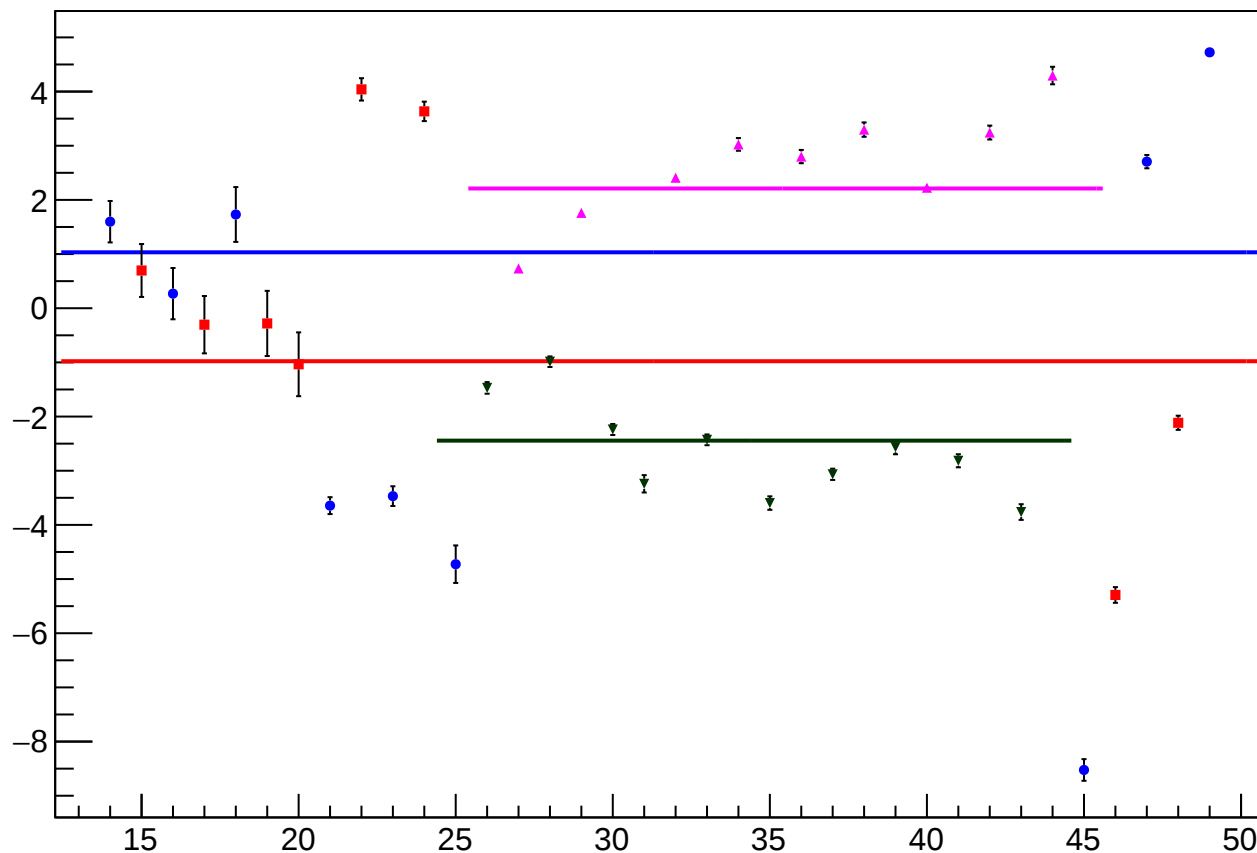
Left Out: -3.366 ± 0.049 $\chi^2/\text{NDF}: 2347.4/9$

Right Out: 2.422 ± 0.096 $\chi^2/\text{NDF}: 348.9/7$

Left In: 3.023 ± 0.043 $\chi^2/\text{NDF}: 2701.7/8$

0.063 ± 0.028 $\chi^2/\text{NDF}: 18162.2/35$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 1.032+/-0.056 χ^2/NDF : 6108.0/8

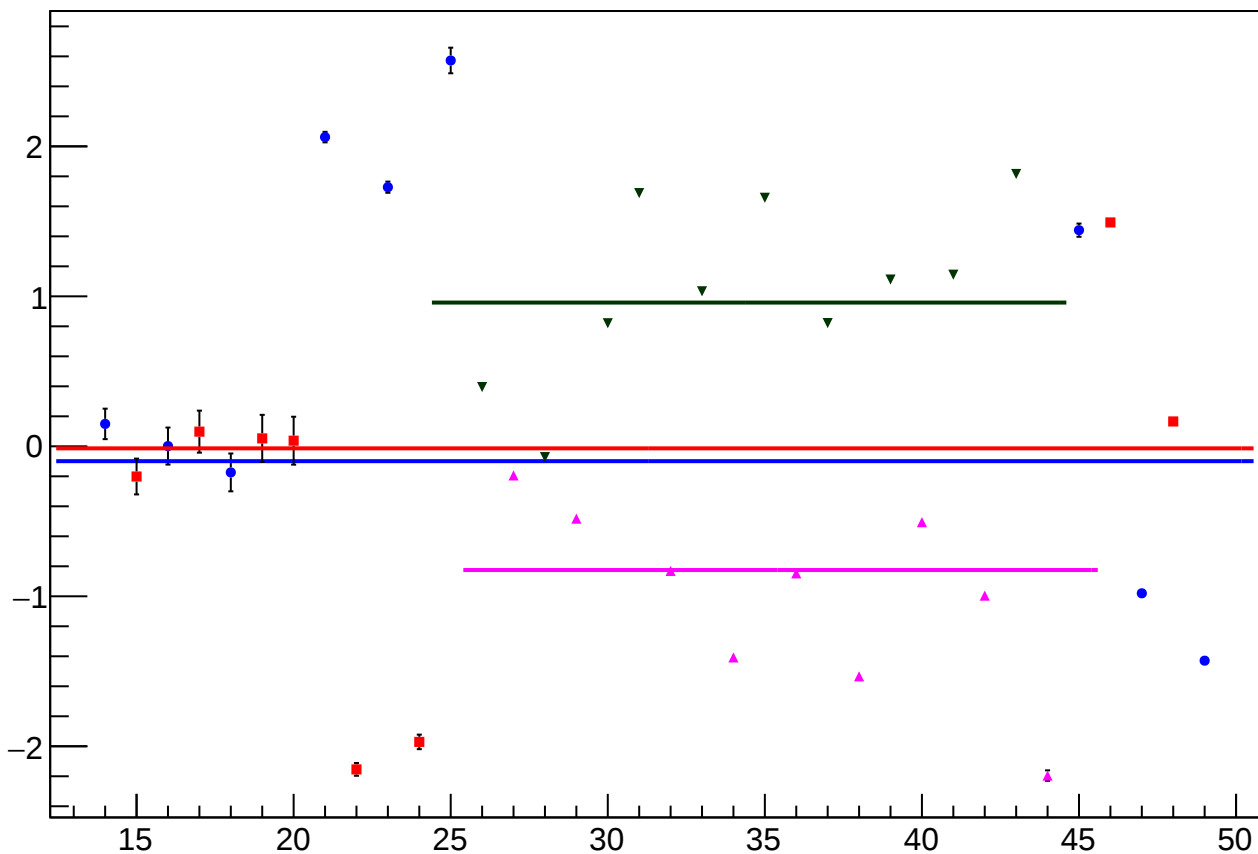
Left Out: -2.444+/-0.036 χ^2/NDF : 547.3/9

Right Out: -0.978+/-0.076 χ^2/NDF : 2227.4/7

Left In: 2.211+/-0.032 χ^2/NDF : 822.7/8

0.203+/-0.021 χ^2/NDF : 19416.0/35

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.099+/-0.013 χ^2 /NDF: 13508.1/8

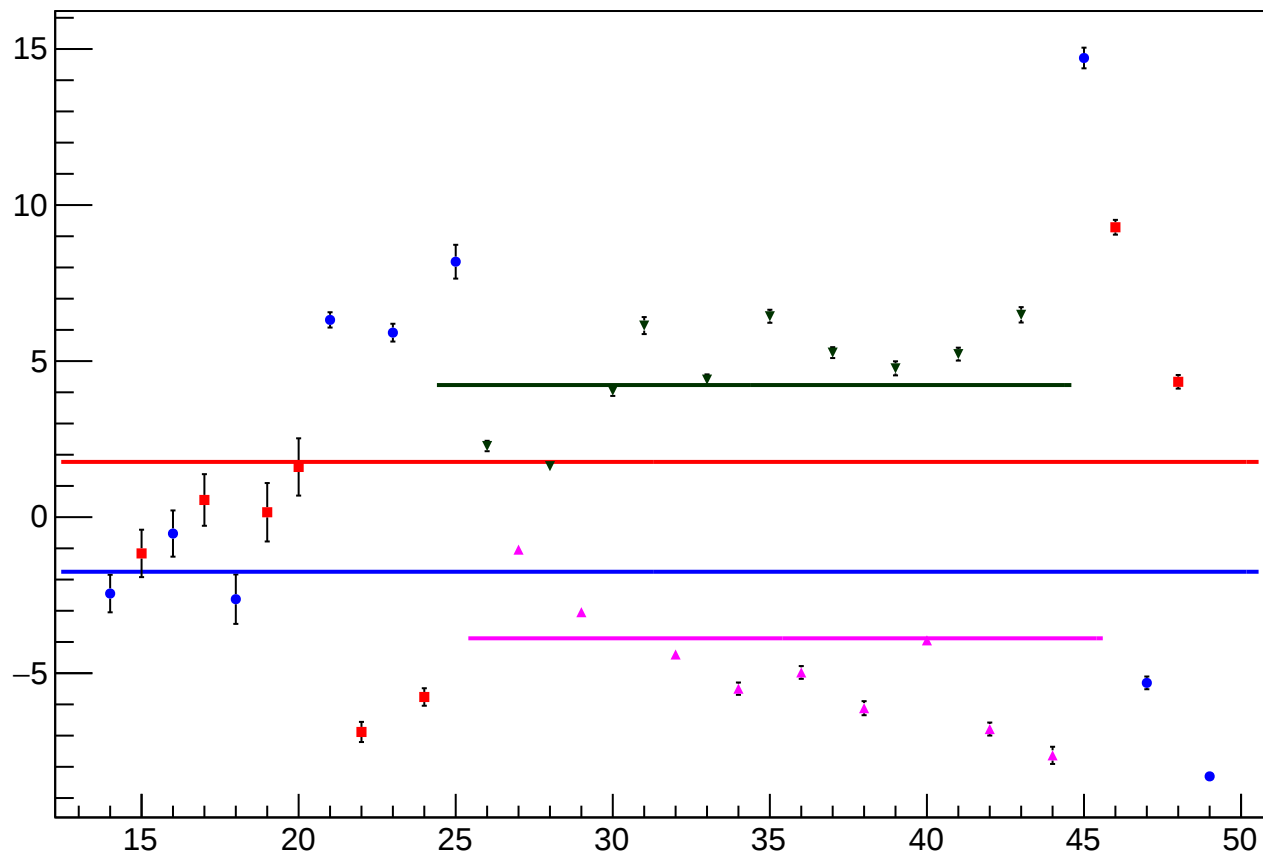
Left Out: 0.958+/-0.008 χ^2 /NDF:4774.0/9

Right Out: -0.014+/-0.017 χ^2 /NDF: 6925.6/7

Left In: -0.825+/-0.007 χ^2 /NDF:4028.8/8

-0.009+/-0.005 χ^2 /NDF: 56730.4/35

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -1.750 ± 0.091 χ^2/NDF : 7062.4/8

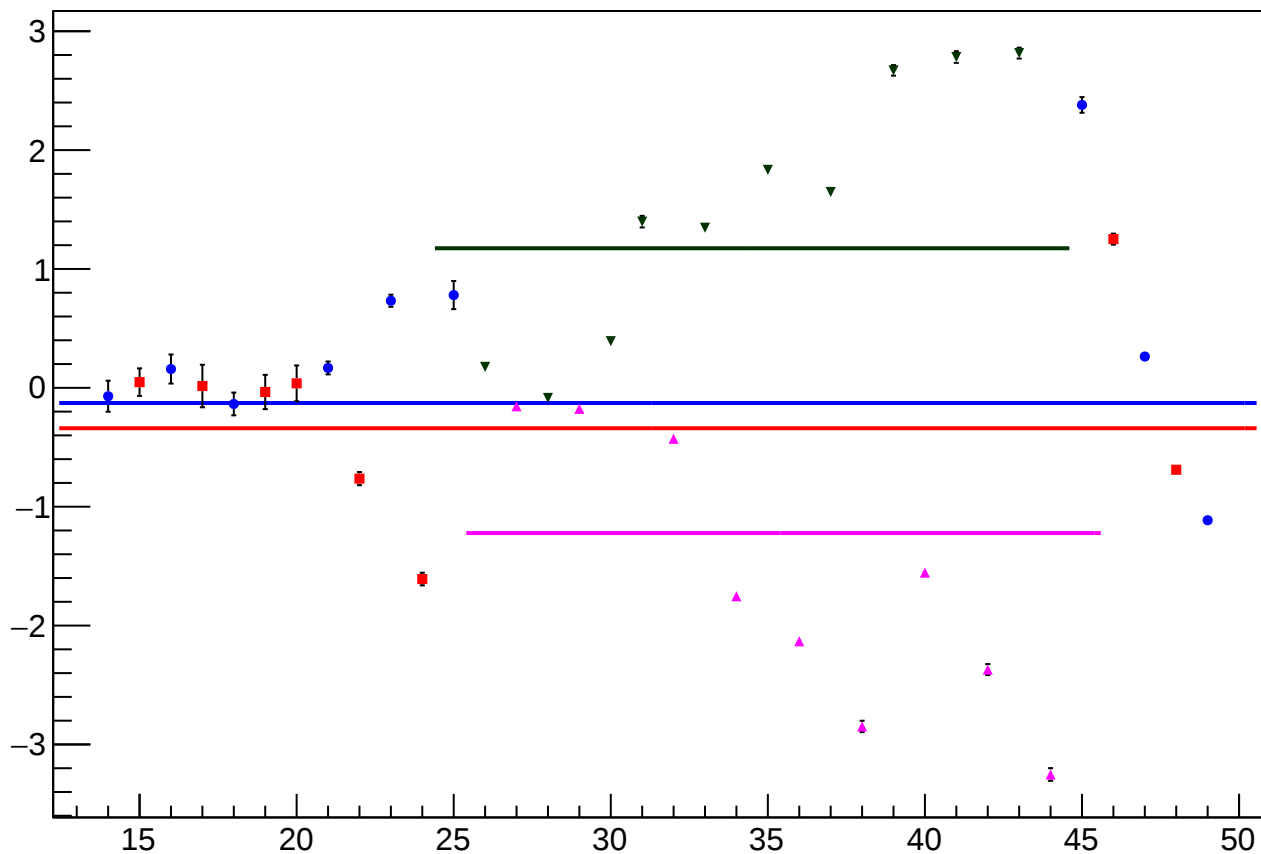
Left Out: 4.233 ± 0.060 χ^2/NDF : 734.7/9

Right Out: 1.770 ± 0.122 χ^2/NDF : 2607.3/7

Left In: -3.882 ± 0.053 χ^2/NDF : 1264.0/8

-0.363 ± 0.035 χ^2/NDF : 22475.6/35

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.128 ± 0.017 χ^2/NDF : 3250.5/8

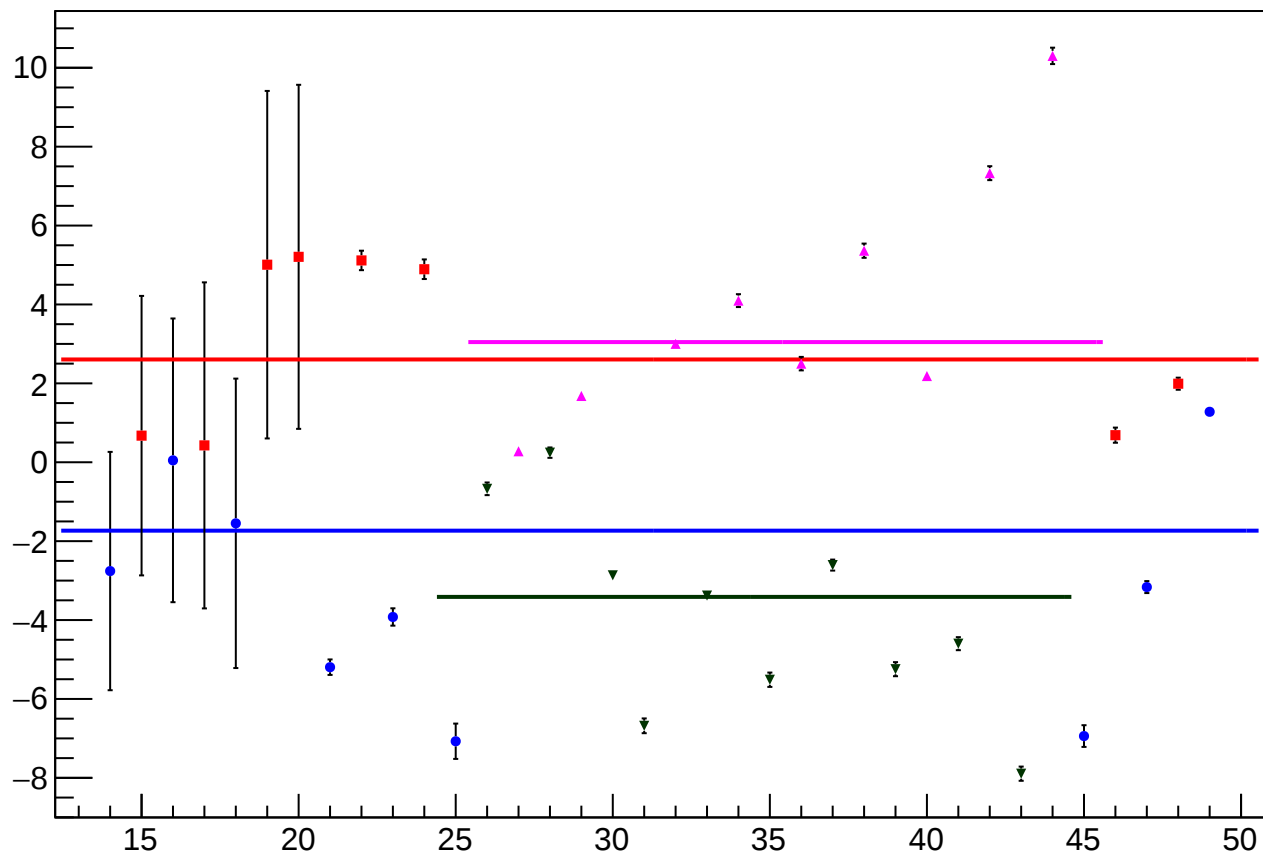
Left Out: 1.174 ± 0.011 χ^2/NDF : 8236.9/9

-0.027 ± 0.007 χ^2/NDF : 46272.1/35

Right Out: -0.340 ± 0.022 χ^2/NDF : 1912.6/7

Left In: -1.222 ± 0.011 χ^2/NDF : 7856.5/8

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -1.734 ± 0.070 $\chi^2/\text{NDF}: 1881.2/8$

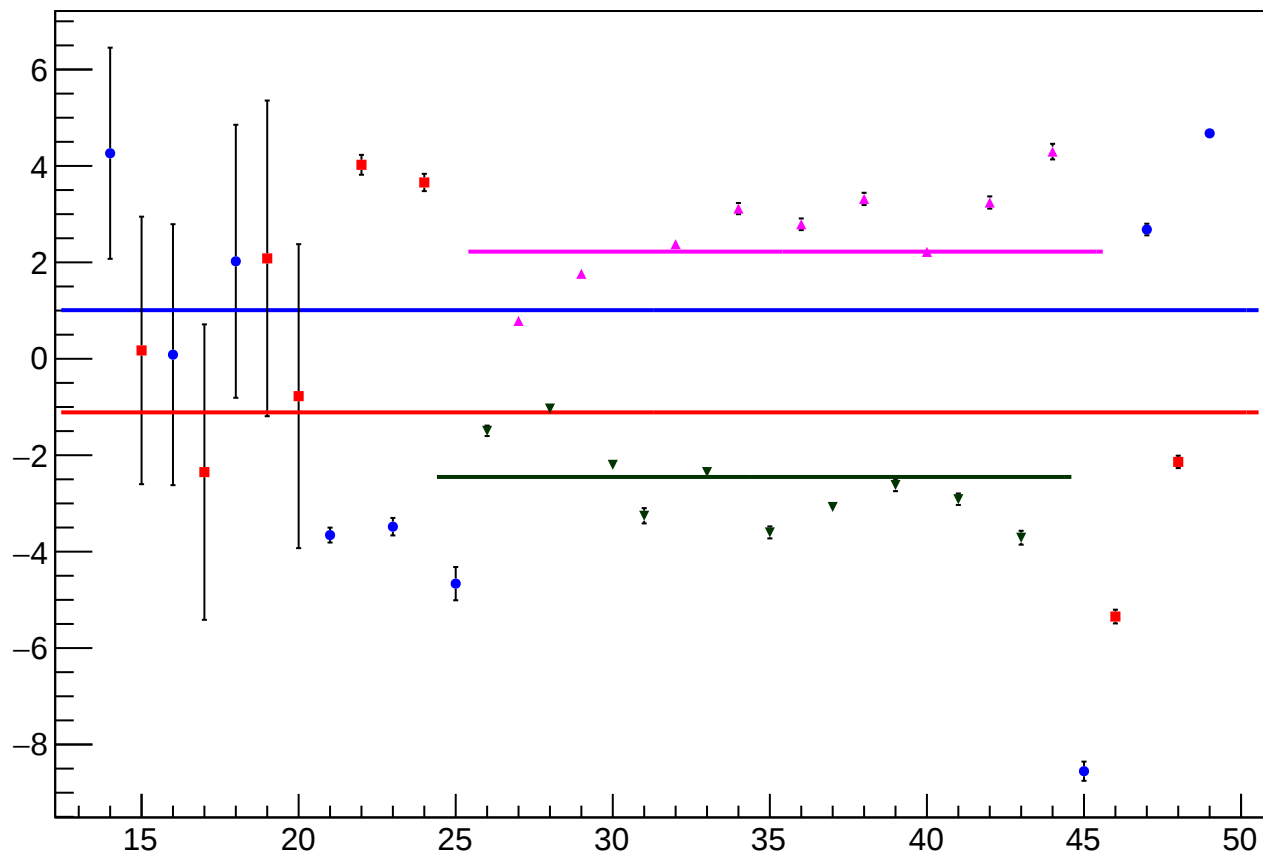
Left Out: -3.413 ± 0.048 $\chi^2/\text{NDF}: 2330.4/9$

Right Out: 2.606 ± 0.099 $\chi^2/\text{NDF}: 305.6/7$

Left In: 3.046 ± 0.043 $\chi^2/\text{NDF}: 2807.6/8$

0.072 ± 0.028 $\chi^2/\text{NDF}: 18720.4/35$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 1.009+/-0.057 χ^2/NDF : 6155.2/8

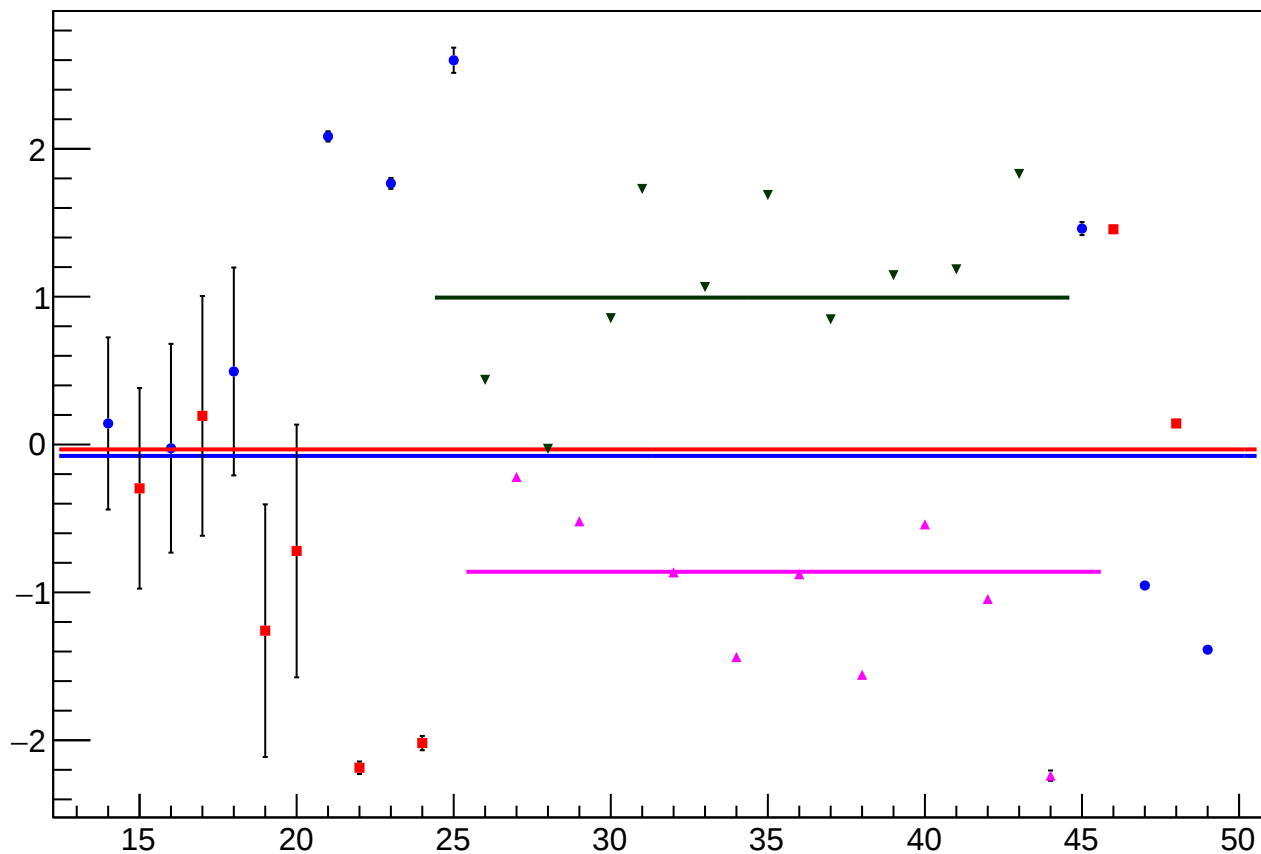
Left Out: -2.451+/-0.036 χ^2/NDF : 538.5/9

Right Out: -1.111+/-0.078 χ^2/NDF : 2273.4/7

Left In: 2.223+/-0.032 χ^2/NDF : 822.3/8

0.203+/-0.021 χ^2/NDF : 19799.9/35

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.077 ± 0.013 χ^2/NDF : 13631.8/8

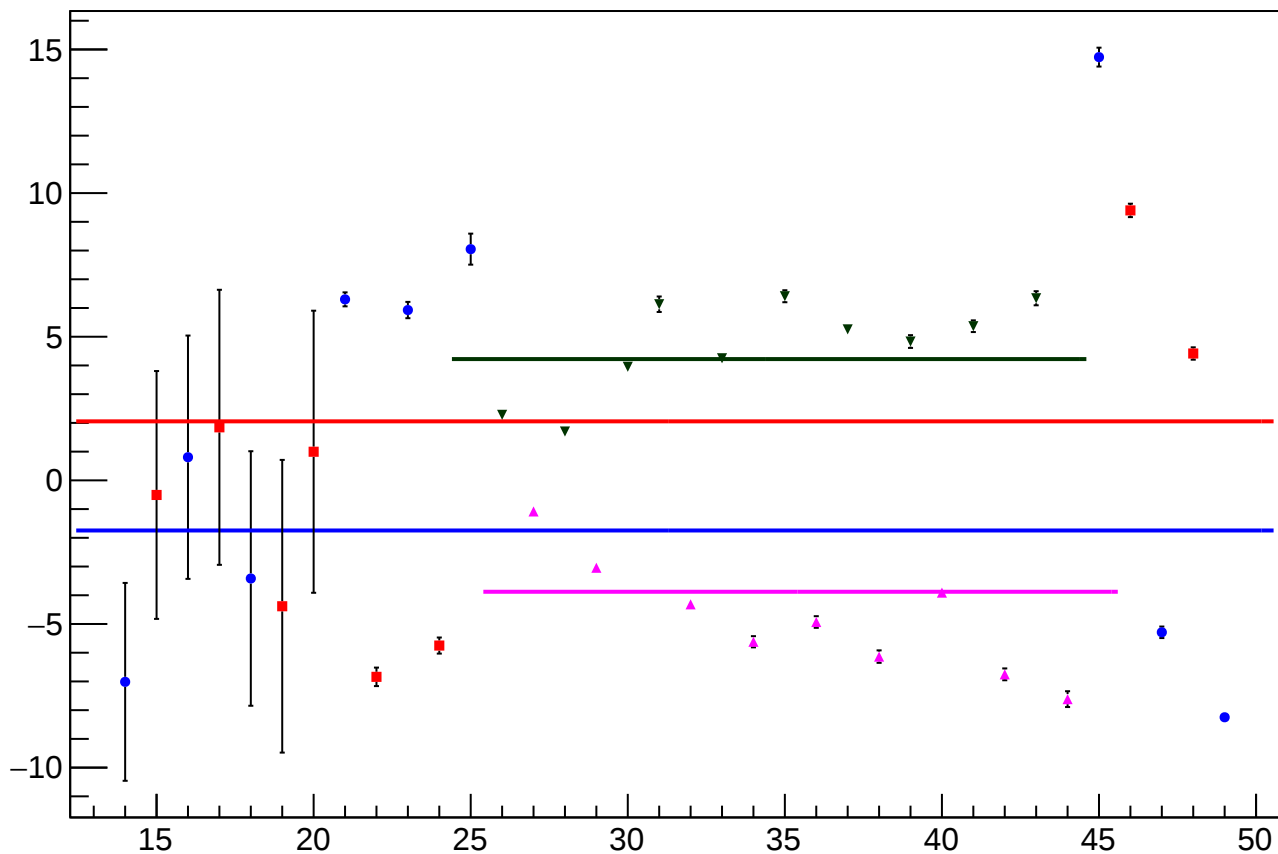
Left Out: 0.994 ± 0.008 χ^2/NDF : 4757.6/9

Right Out: -0.033 ± 0.017 χ^2/NDF : 7026.2/7

Left In: -0.861 ± 0.007 χ^2/NDF : 4134.7/8

-0.012 ± 0.005 χ^2/NDF : 59956.9/35

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -1.745 ± 0.092 $\chi^2/\text{NDF}: 7118.3/8$

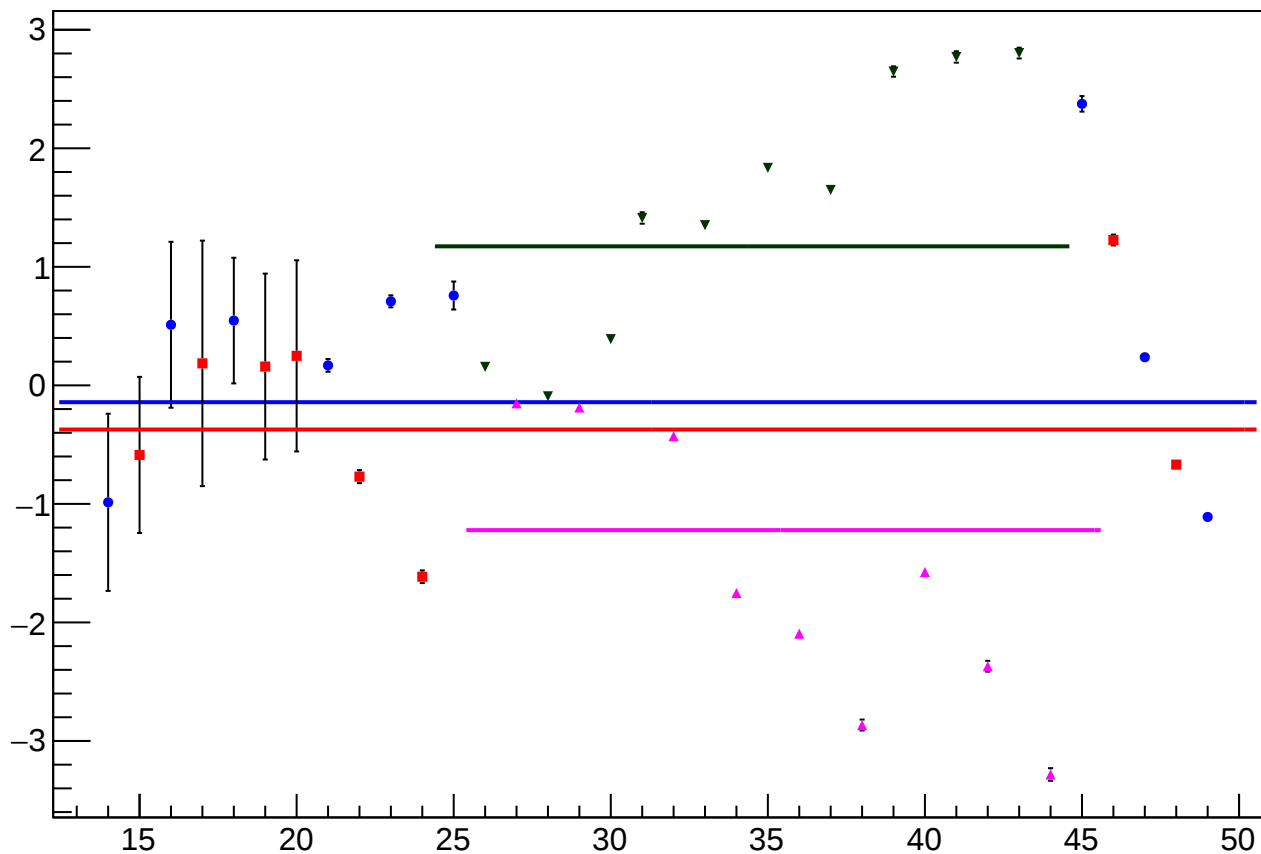
Left Out: 4.222 ± 0.059 $\chi^2/\text{NDF}: 718.8/9$

Right Out: 2.054 ± 0.126 $\chi^2/\text{NDF}: 2653.3/7$

Left In: -3.878 ± 0.052 $\chi^2/\text{NDF}: 1271.0/8$

-0.360 ± 0.035 $\chi^2/\text{NDF}: 22800.2/35$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.142 ± 0.018 χ^2/NDF : 3248.7/8

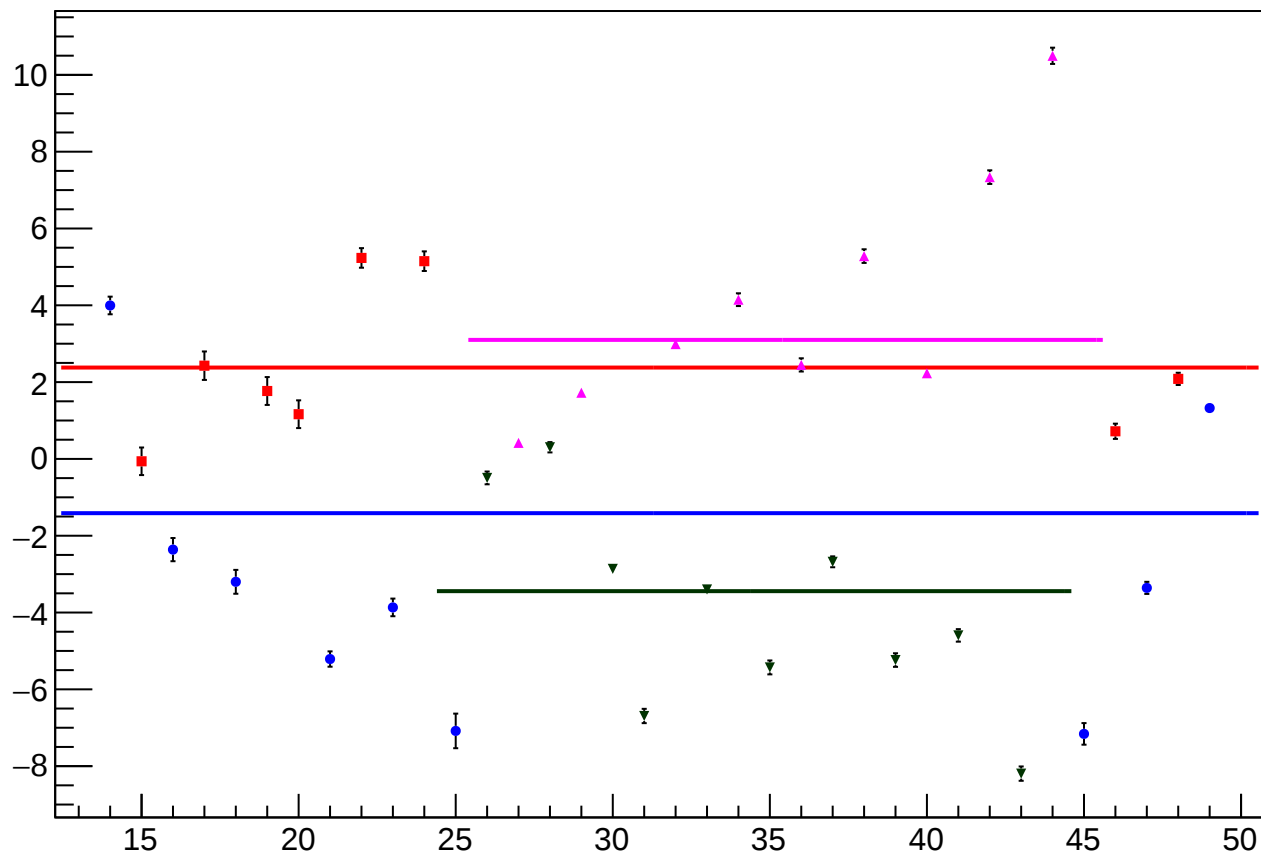
Left Out: 1.173 ± 0.010 χ^2/NDF : 8374.7/9

Right Out: -0.372 ± 0.023 χ^2/NDF : 1882.9/7

Left In: -1.221 ± 0.011 χ^2/NDF : 8099.0/8

-0.031 ± 0.007 χ^2/NDF : 47114.6/35

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -1.413+/-0.066 χ^2/NDF : 2480.1/8

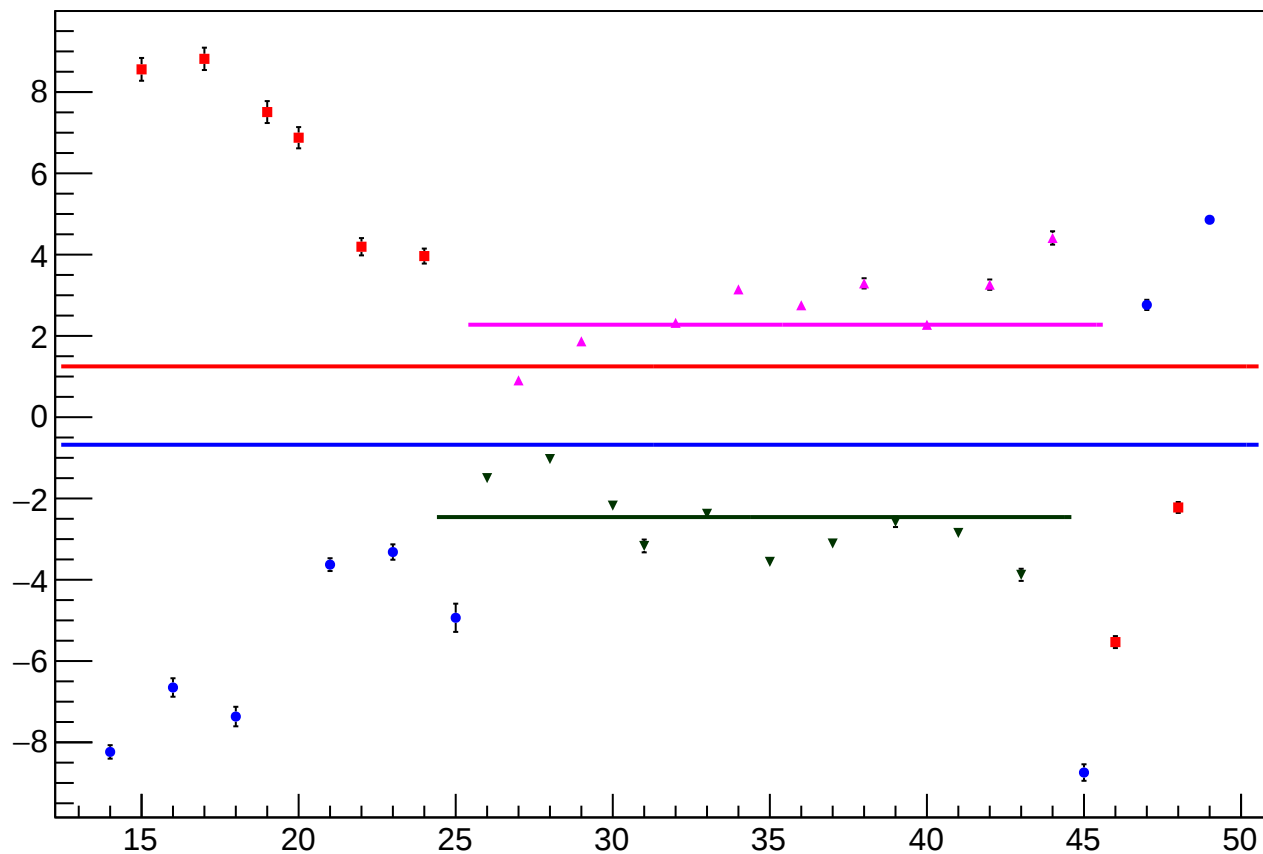
Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

Right Out: 2.379+/-0.089 χ^2/NDF : 376.7/7

Left In: 3.099+/-0.043 χ^2/NDF : 2713.8/8

0.128+/-0.028 χ^2/NDF : 19211.4/35

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -0.678 ± 0.052 $\chi^2/\text{NDF}: 10492.4/8$

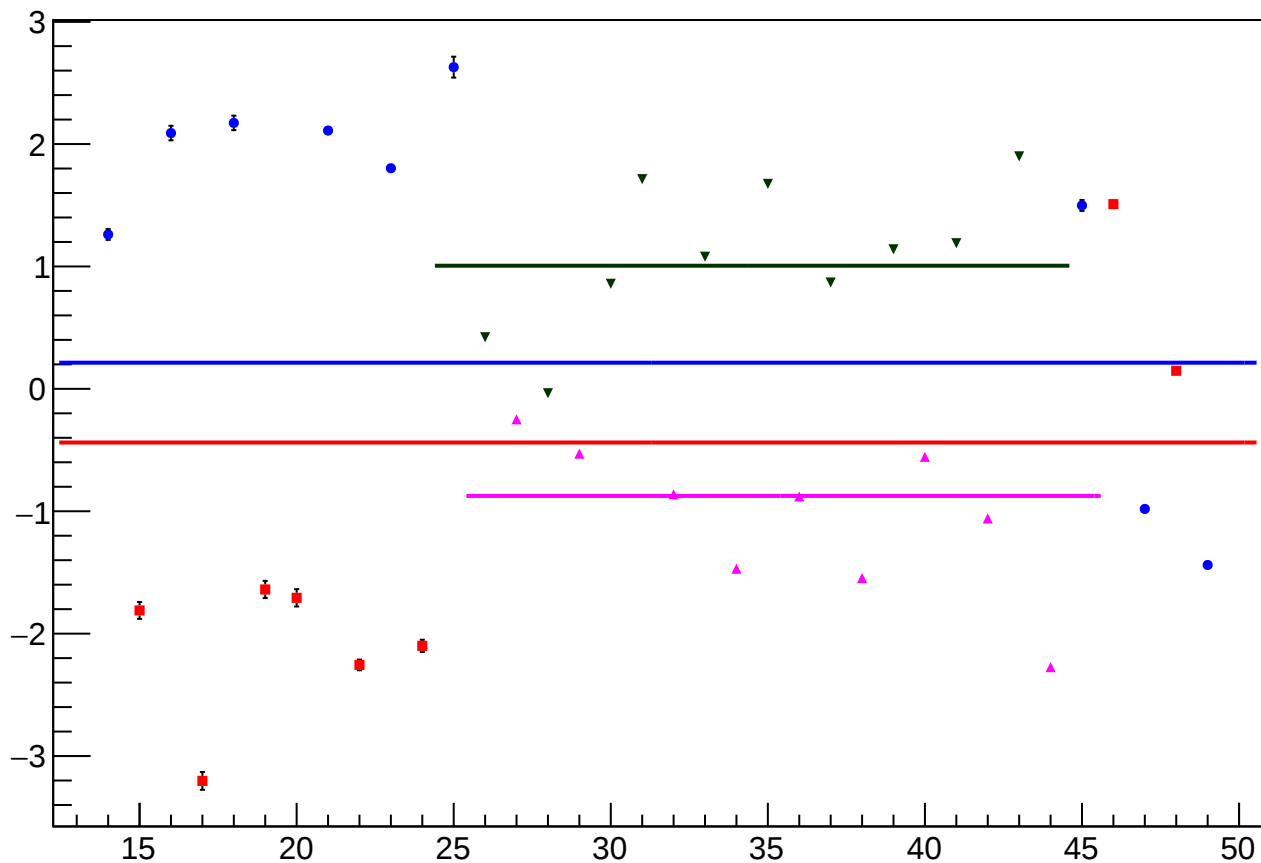
Left Out: -2.458 ± 0.036 $\chi^2/\text{NDF}: 528.1/9$

Right Out: 1.250 ± 0.069 $\chi^2/\text{NDF}: 5636.0/7$

Left In: 2.276 ± 0.032 $\chi^2/\text{NDF}: 728.7/8$

0.161 ± 0.021 $\chi^2/\text{NDF}: 27433.7/35$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: 0.214+/-0.012 χ^2/NDF : 16617.4/8

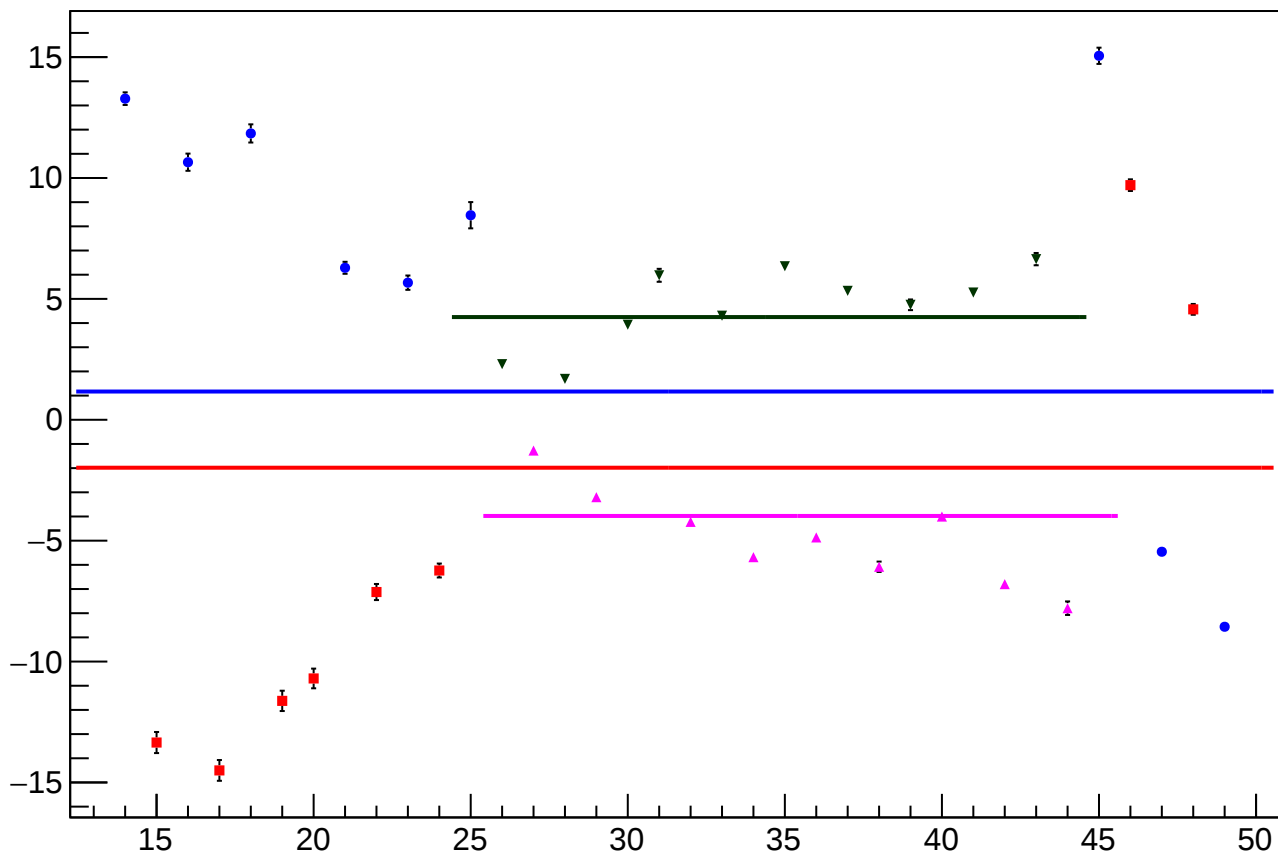
Left Out: 1.006+/-0.008 χ^2/NDF : 4706.2/9

-0.009+/-0.005 χ^2/NDF : 67030.2/35

Right Out: -0.438+/-0.016 χ^2/NDF : 10047.8/7

Left In: -0.875+/-0.007 χ^2/NDF : 3999.8/8

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 1.168 $\pm$ 0.085 χ^2 /NDF: 11677.3/8

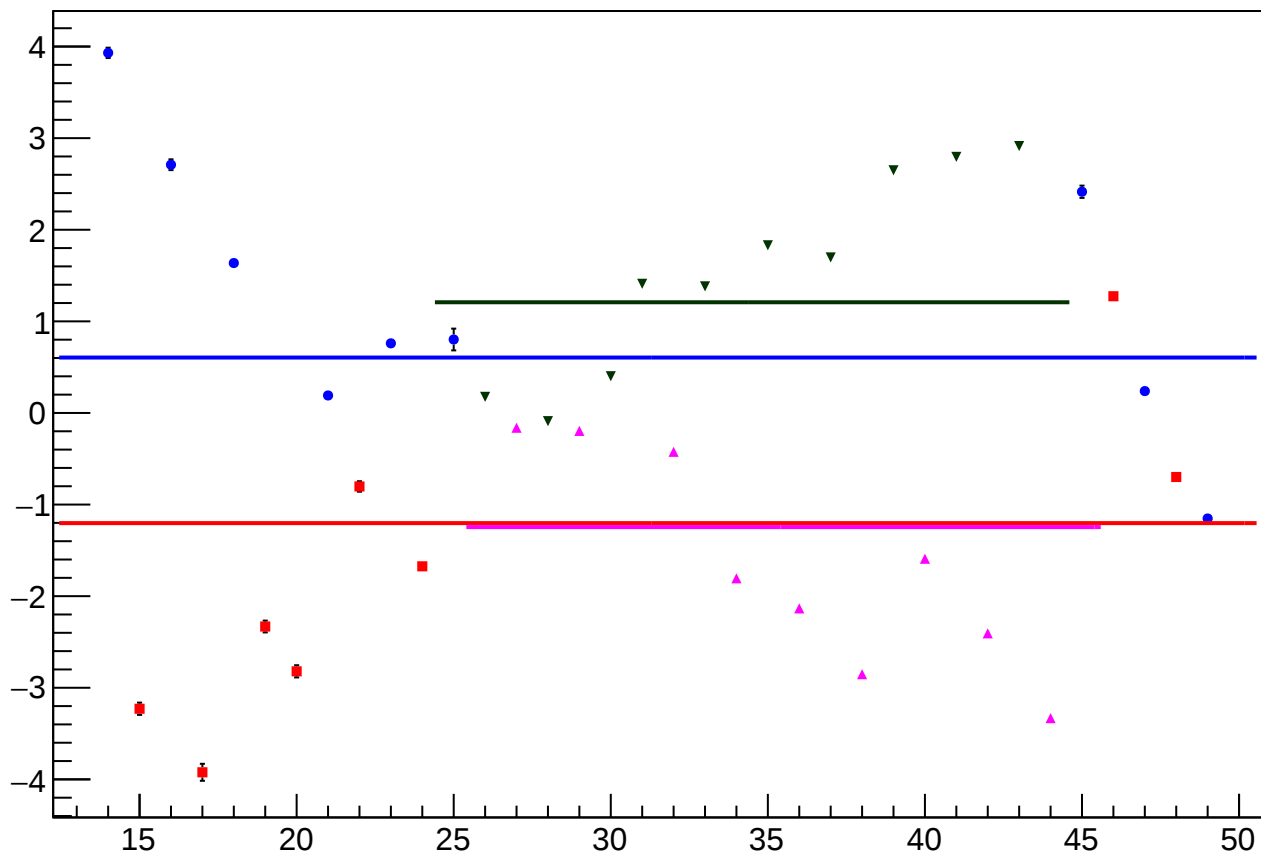
Left Out: 4.248 $\pm$ 0.060 χ^2 /NDF: 701.0/9

Right Out: -1.983 $\pm$ 0.111 χ^2 /NDF: 6182.2/7

Left In: -3.978 $\pm$ 0.053 χ^2 /NDF: 1142.7/8

-0.281 $\pm$ 0.034 χ^2 /NDF: 30749.0/35

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 0.605 ± 0.016 $\chi^2/\text{NDF}: 10130.1/8$

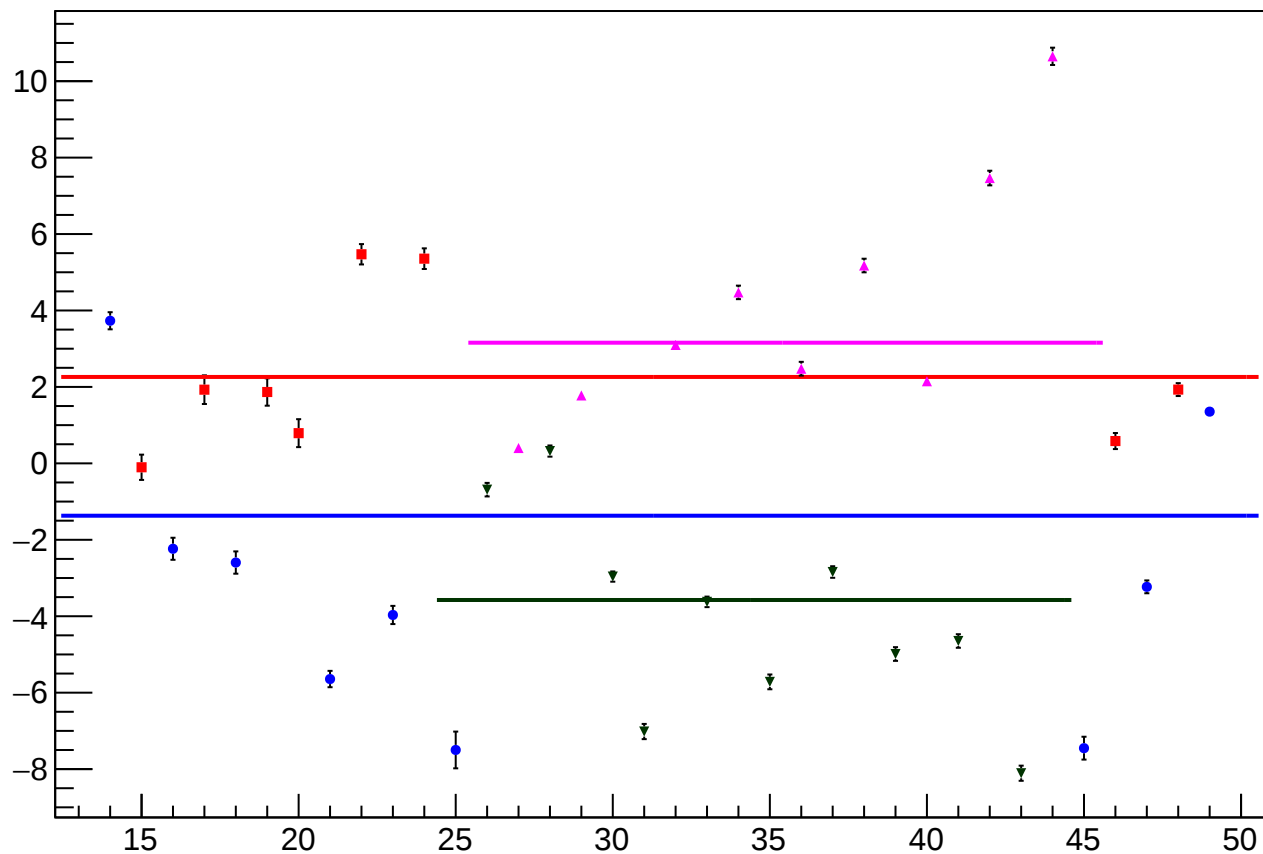
Left Out: 1.208 ± 0.011 $\chi^2/\text{NDF}: 8311.9/9$

-0.007 ± 0.006 $\chi^2/\text{NDF}: 63221.8/35$

Right Out: -1.203 ± 0.020 $\chi^2/\text{NDF}: 5715.3/7$

Left In: -1.246 ± 0.011 $\chi^2/\text{NDF}: 8116.3/8$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -1.370+/-0.068 χ^2/NDF : 2369.6/8

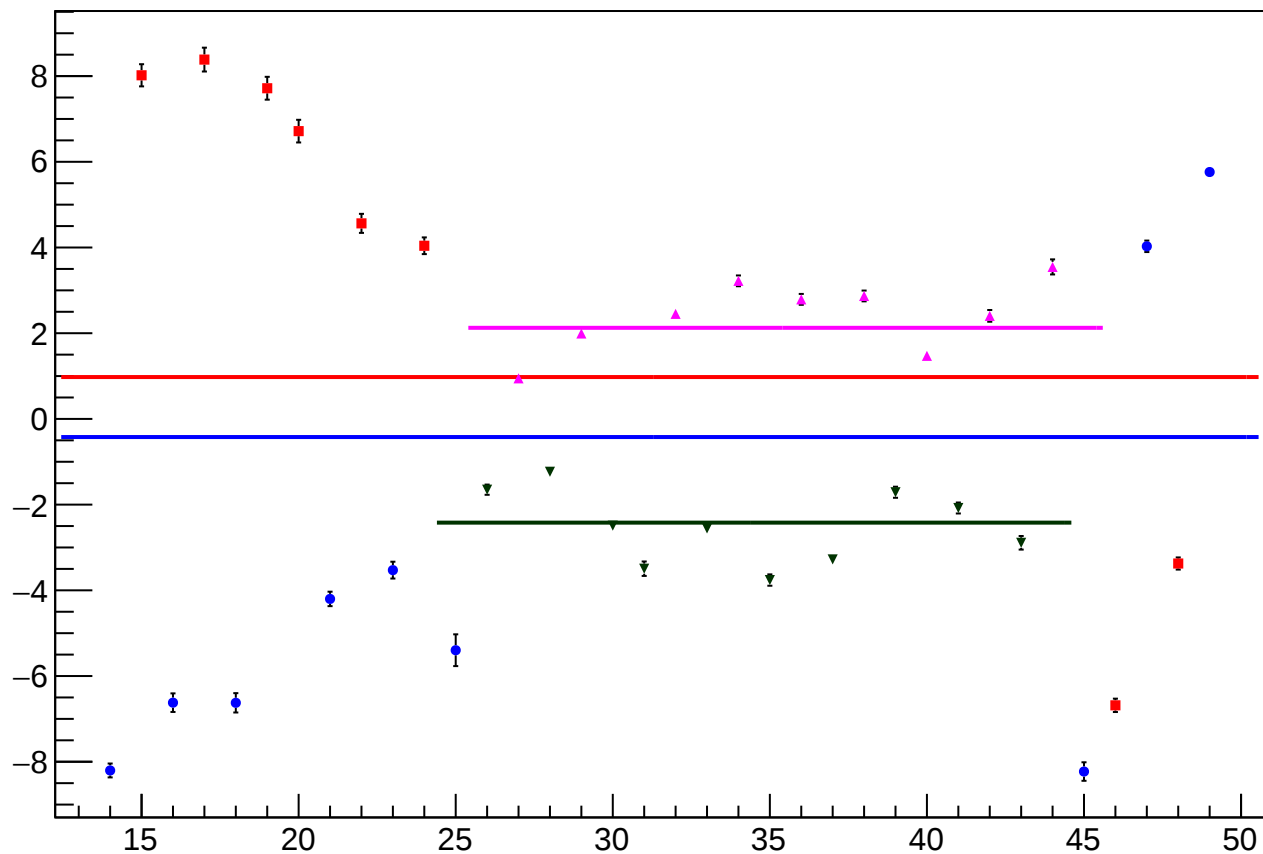
Left Out: -3.575+/-0.052 χ^2/NDF : 2062.7/9

Right Out: 2.261+/-0.092 χ^2/NDF : 413.7/7

Left In: 3.157+/-0.046 χ^2/NDF : 2491.7/8

0.113+/-0.029 χ^2/NDF : 17770.3/35

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: -0.423 ± 0.054 $\chi^2/\text{NDF}: 11664.4/8$

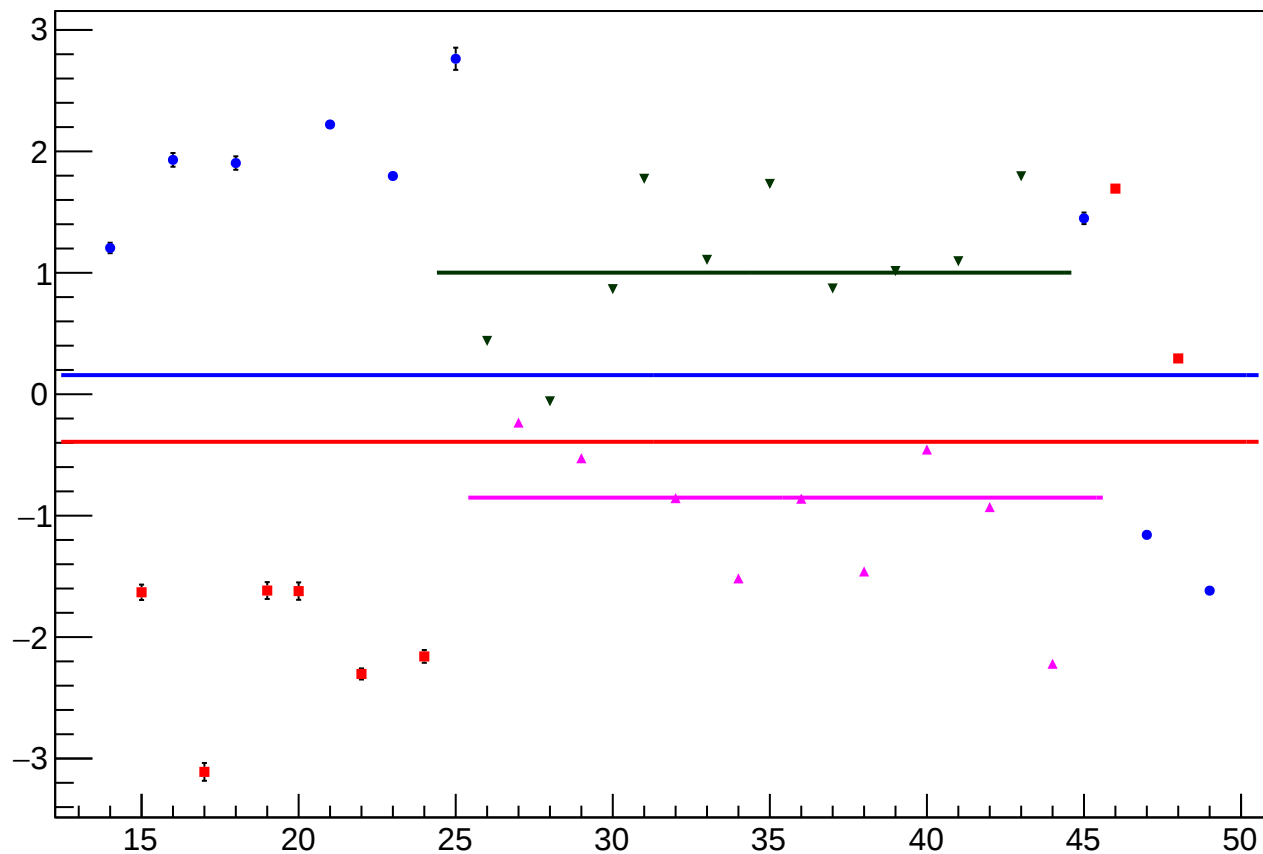
Left Out: -2.420 ± 0.039 $\chi^2/\text{NDF}: 411.6/9$

0.139 ± 0.022 $\chi^2/\text{NDF}: 27043.6/35$

Right Out: 0.977 ± 0.072 $\chi^2/\text{NDF}: 6422.6/7$

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: 0.157+/-0.013 χ^2/NDF : 16920.4/8

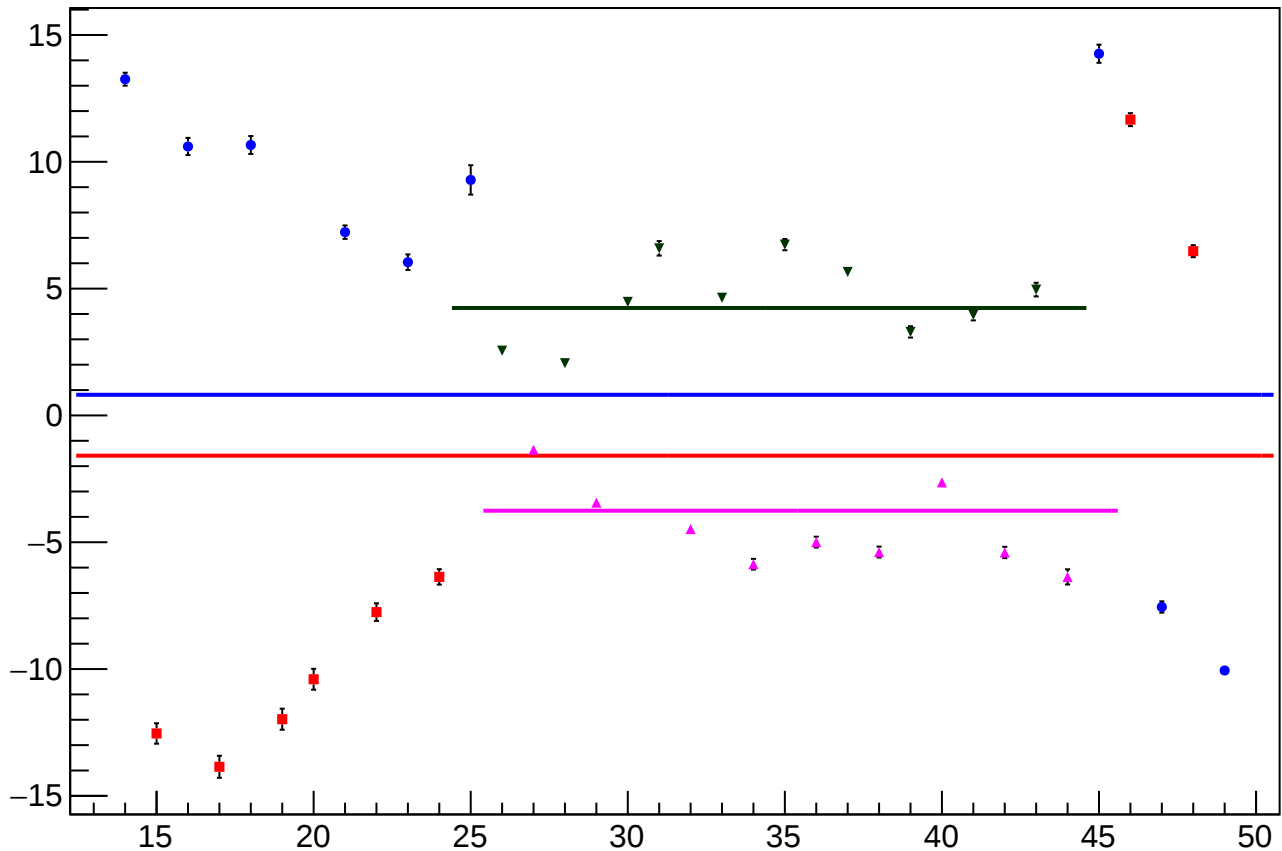
Left Out: 1.001+/-0.008 χ^2/NDF : 4123.3/9

Right Out: -0.392+/-0.016 χ^2/NDF : 10182.6/7

Left In: -0.851+/-0.008 χ^2/NDF : 3579.2/8

-0.010+/-0.005 χ^2/NDF : 61741.5/35

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: 0.814 ± 0.088 $\chi^2/\text{NDF}: 12949.3/8$

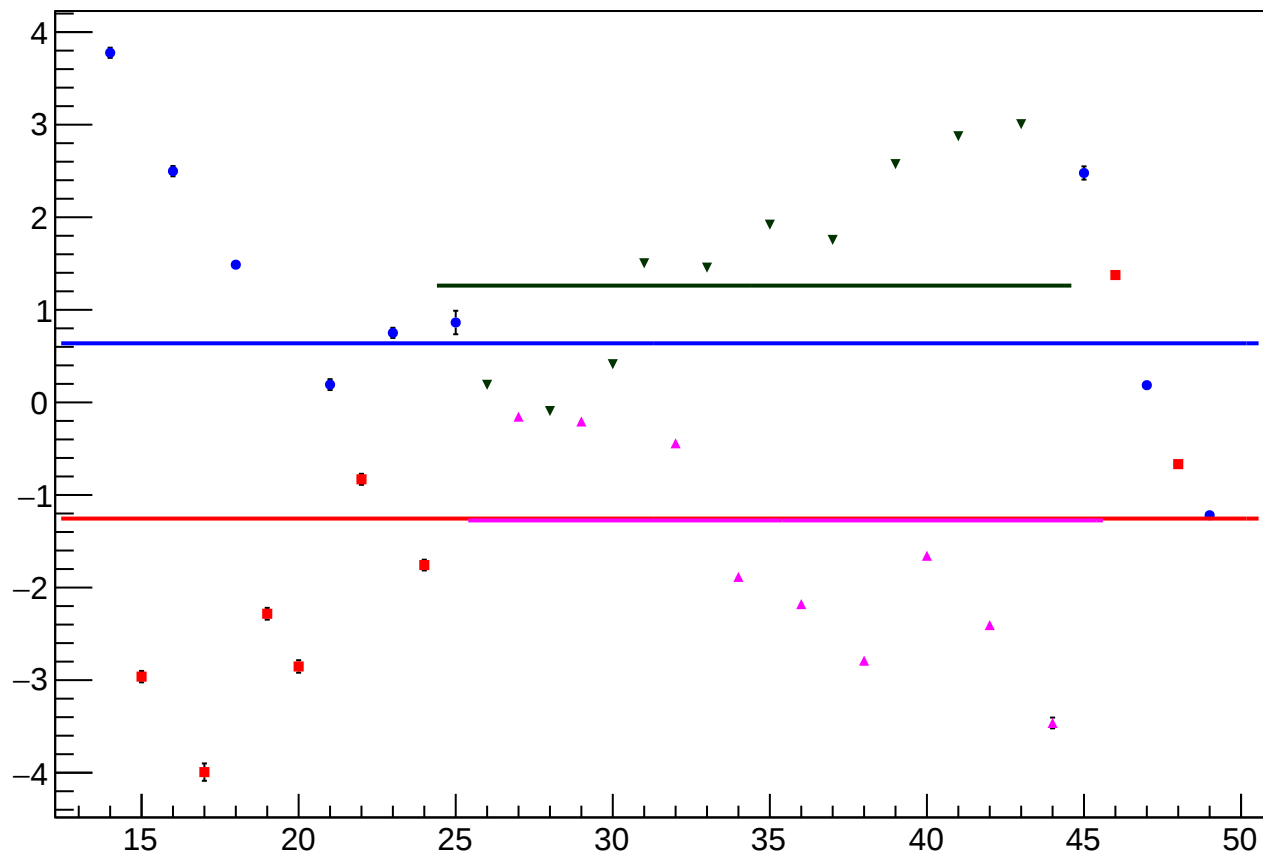
Left Out: 4.237 ± 0.064 $\chi^2/\text{NDF}: 532.8/9$

-0.238 ± 0.036 $\chi^2/\text{NDF}: 30408.9/35$

Right Out: -1.587 ± 0.115 $\chi^2/\text{NDF}: 7046.4/7$

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: 0.638 $\pm$ 0.016 χ^2 /NDF: 9654.6/8

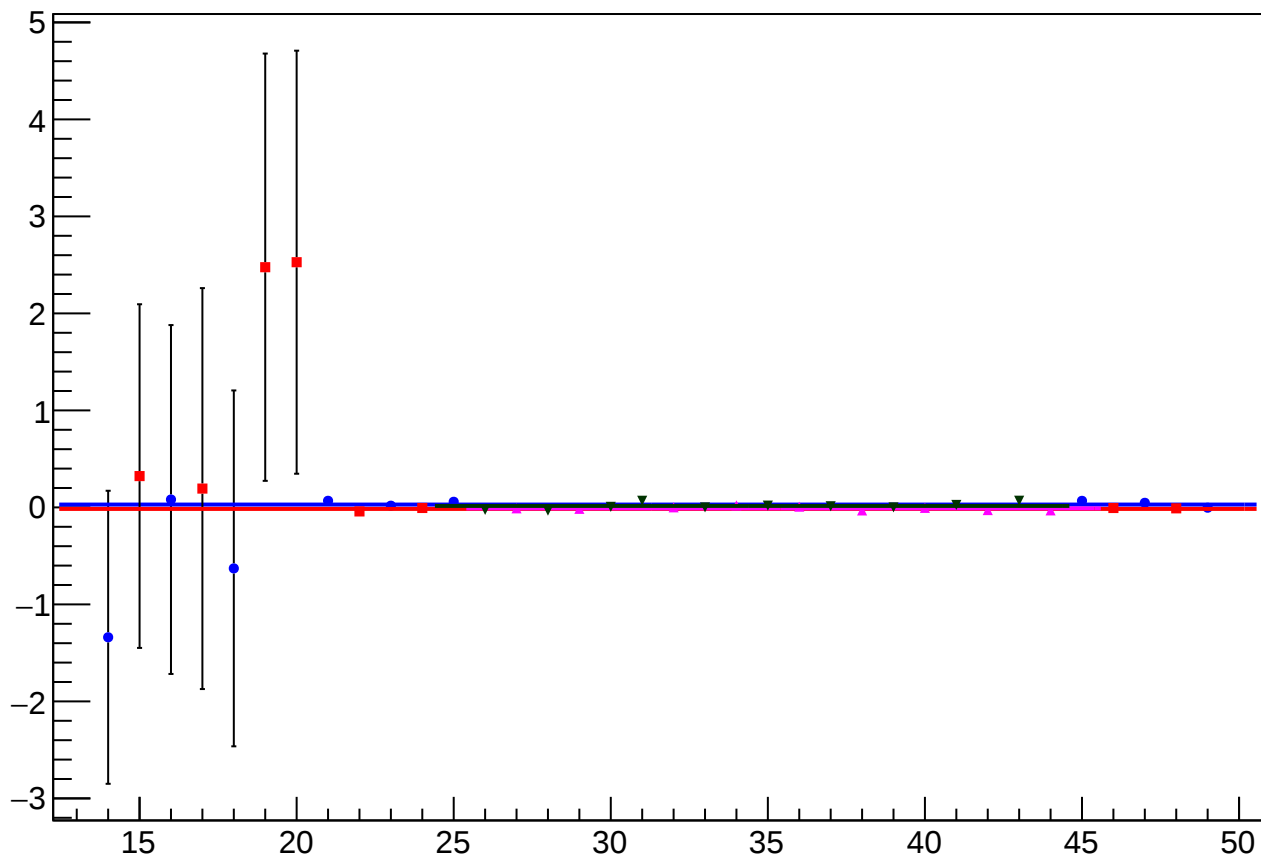
Left Out: 1.262 $\pm$ 0.011 χ^2 /NDF: 7575.4/9

Right Out: -1.255 $\pm$ 0.020 χ^2 /NDF: 5542.8/7

Left In: -1.275 $\pm$ 0.012 χ^2 /NDF: 7555.9/8

-0.001 $\pm$ 0.007 χ^2 /NDF: 59965.8/35

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.029+/-0.007 χ^2/NDF : 20.0/8

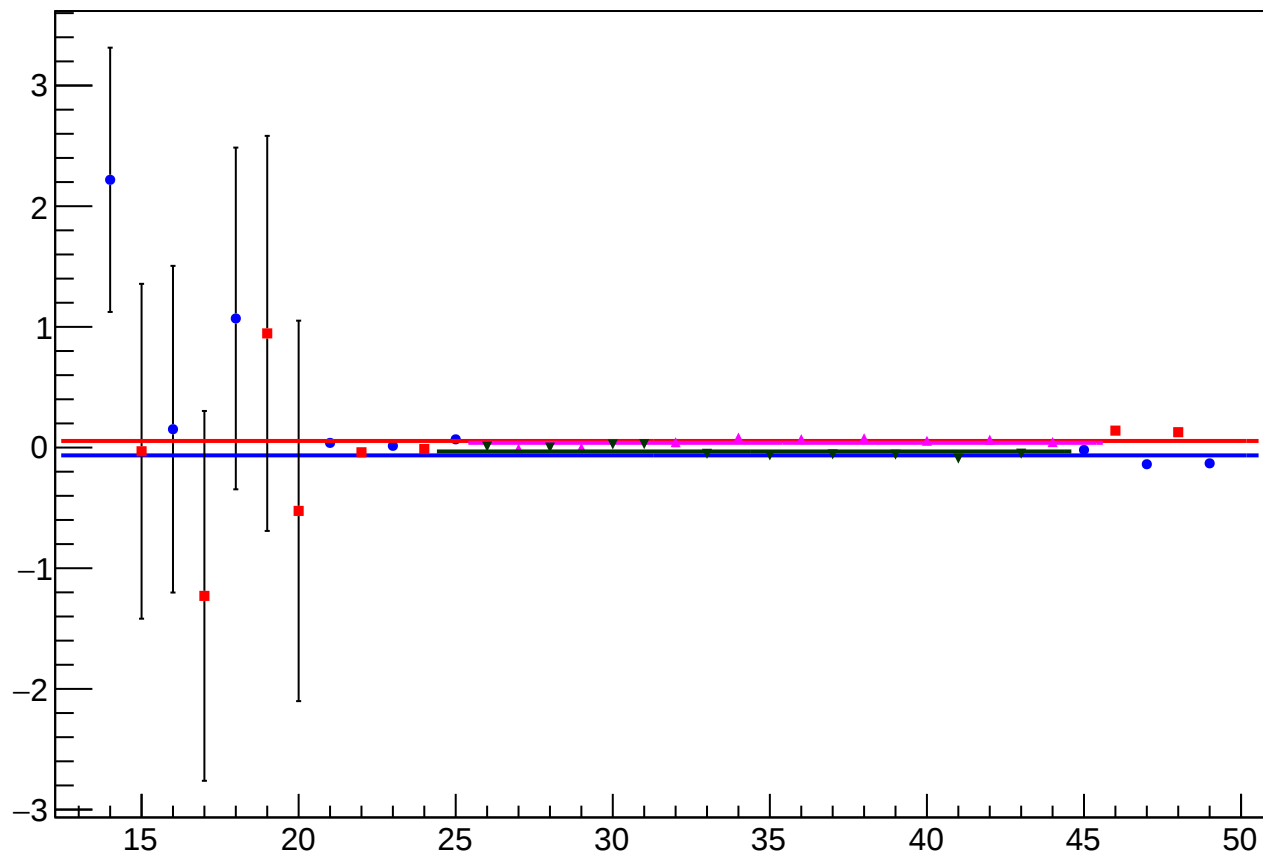
Left Out: 0.015+/-0.006 χ^2/NDF : 28.5/9

Right Out: -0.016+/-0.010 χ^2/NDF : 4.9/7

Left In: -0.010+/-0.006 χ^2/NDF : 5.5/8

0.006+/-0.004 χ^2/NDF : 83.1/35

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.065 ± 0.006 χ^2/NDF : 179.2/8

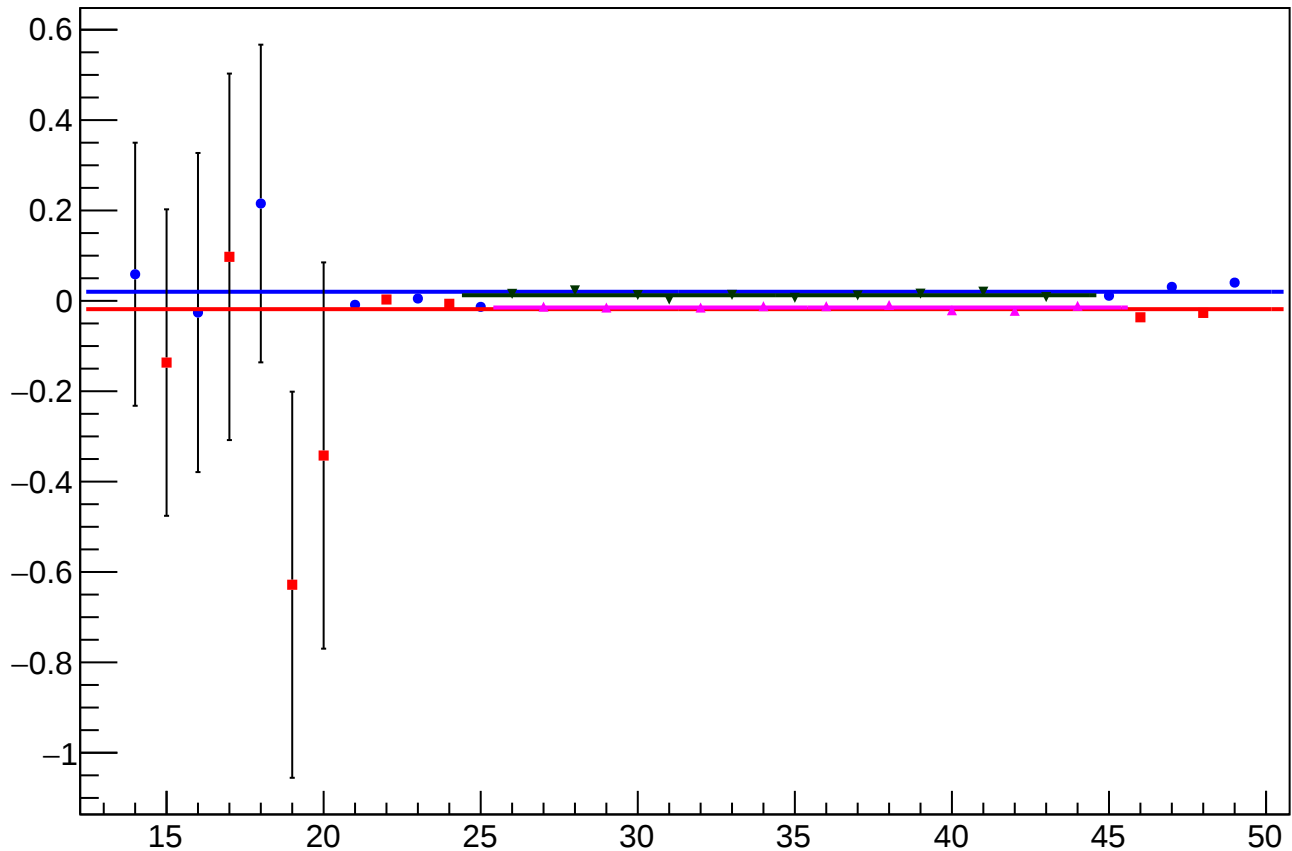
Left Out: -0.032 ± 0.005 χ^2/NDF : 66.2/9

Right Out: 0.055 ± 0.008 χ^2/NDF : 104.6/7

Left In: 0.039 ± 0.005 χ^2/NDF : 49.7/8

-0.004 ± 0.003 χ^2/NDF : 693.3/35

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.020 $\pm$ 0.001 χ^2 /NDF: 215.4/8

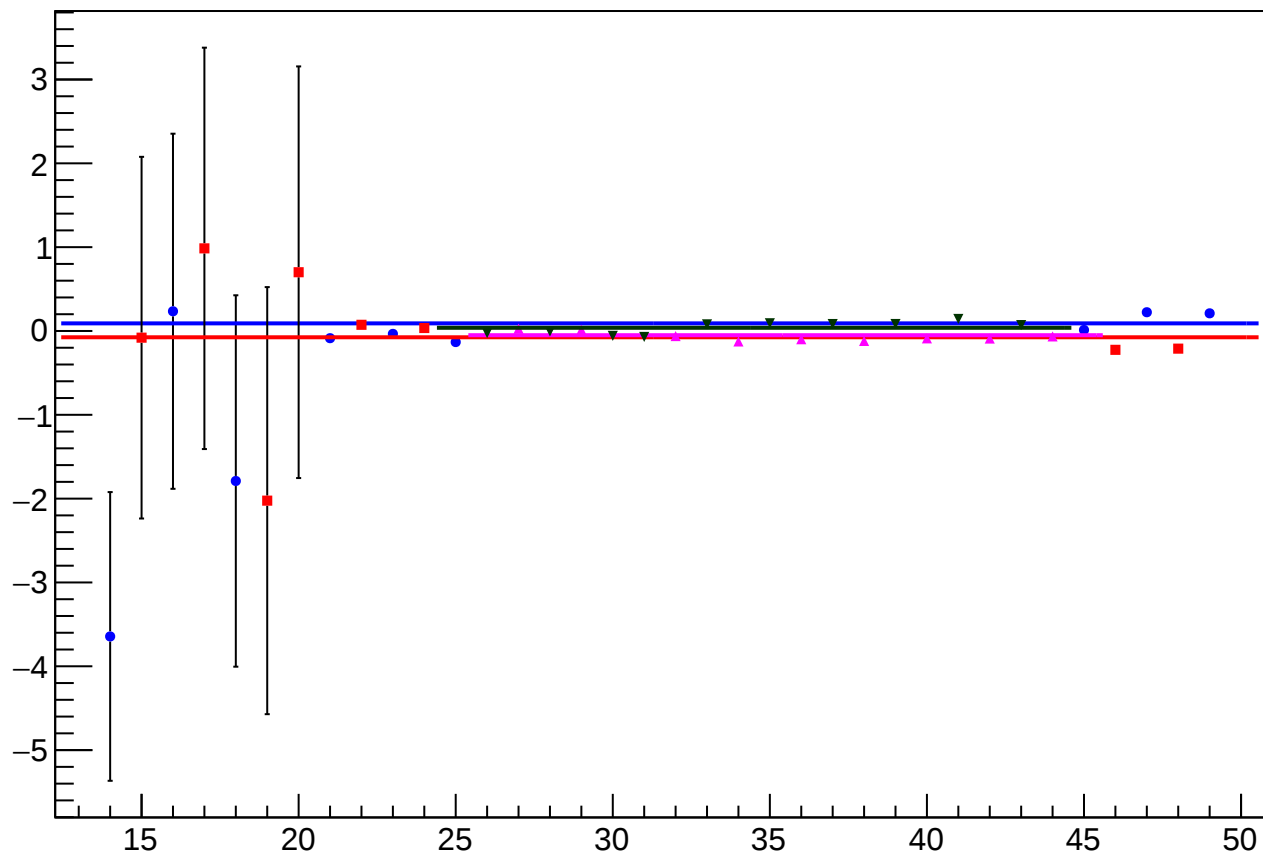
Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 32.8/9

0.001 $\pm$ 0.001 χ^2 /NDF: 1039.5/35

Right Out: -0.018 $\pm$ 0.002 χ^2 /NDF: 89.2/7

Left In: -0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.091 ± 0.009 χ^2/NDF : 209.5/8

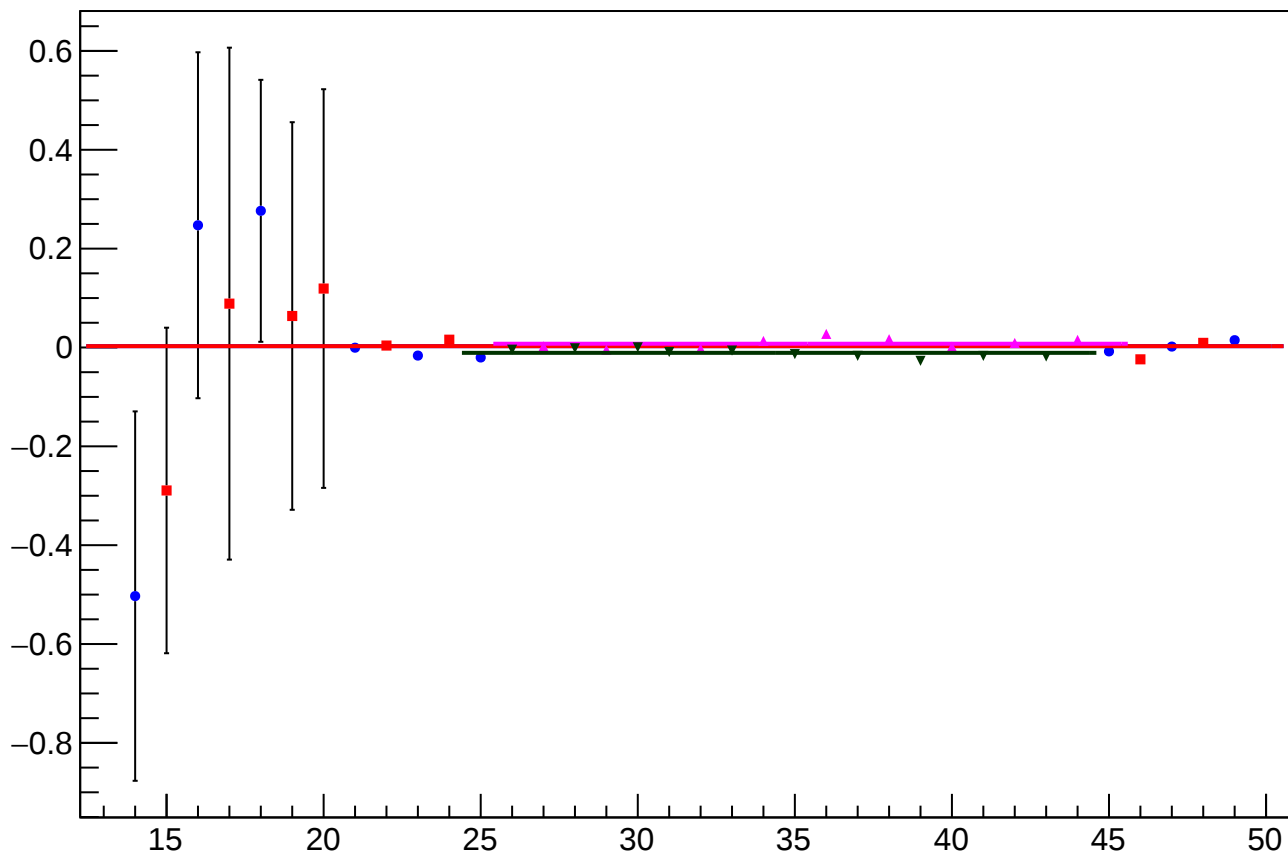
Left Out: 0.038 ± 0.008 χ^2/NDF : 68.8/9

Right Out: -0.075 ± 0.013 χ^2/NDF : 117.3/7

Left In: -0.050 ± 0.008 χ^2/NDF : 51.3/8

0.005 ± 0.004 χ^2/NDF : 642.8/35

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.003 $\pm$ 0.002 χ^2 /NDF: 45.7/8

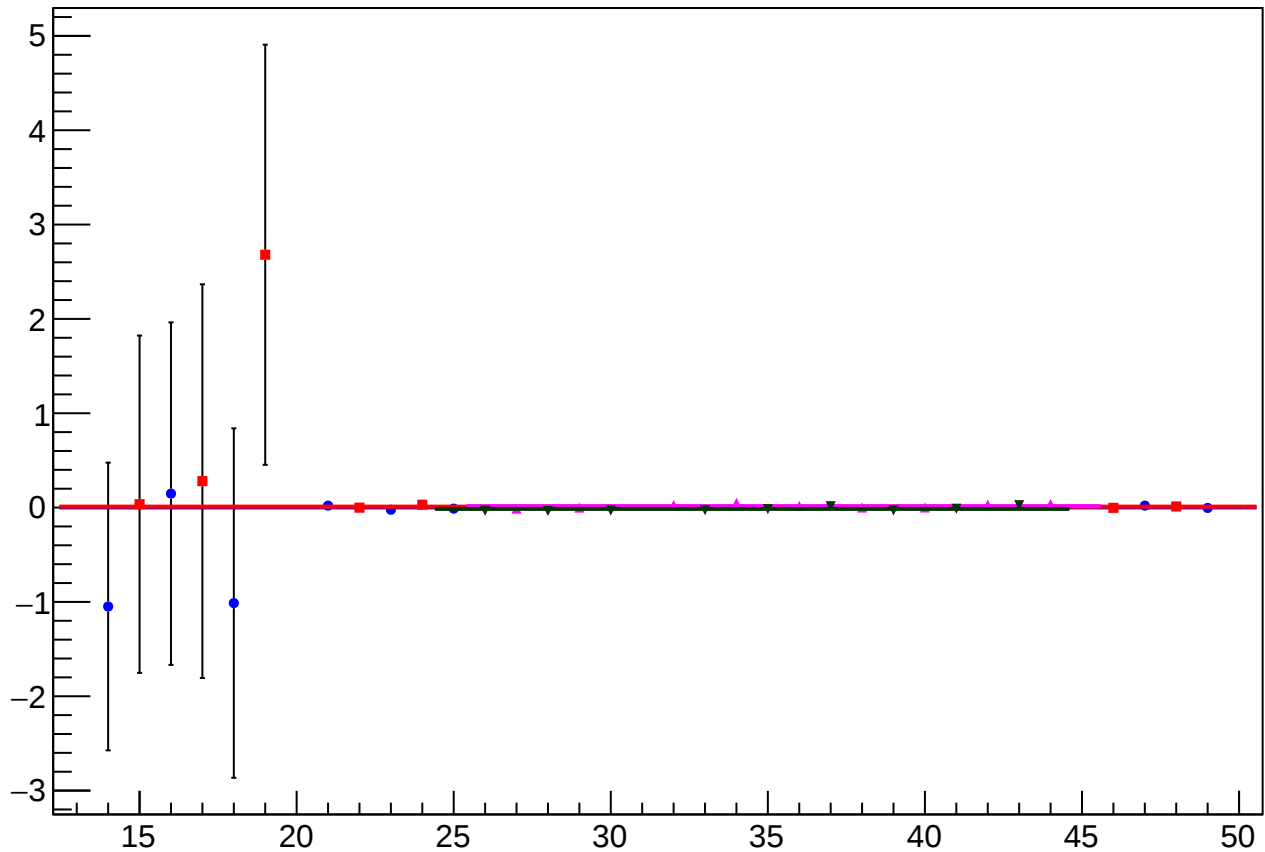
Left Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 34.9/9

Right Out: 0.003 $\pm$ 0.002 χ^2 /NDF: 40.4/7

Left In: 0.008 $\pm$ 0.002 χ^2 /NDF: 44.0/8

-0.001 $\pm$ 0.001 χ^2 /NDF: 254.7/35

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 3.7/7

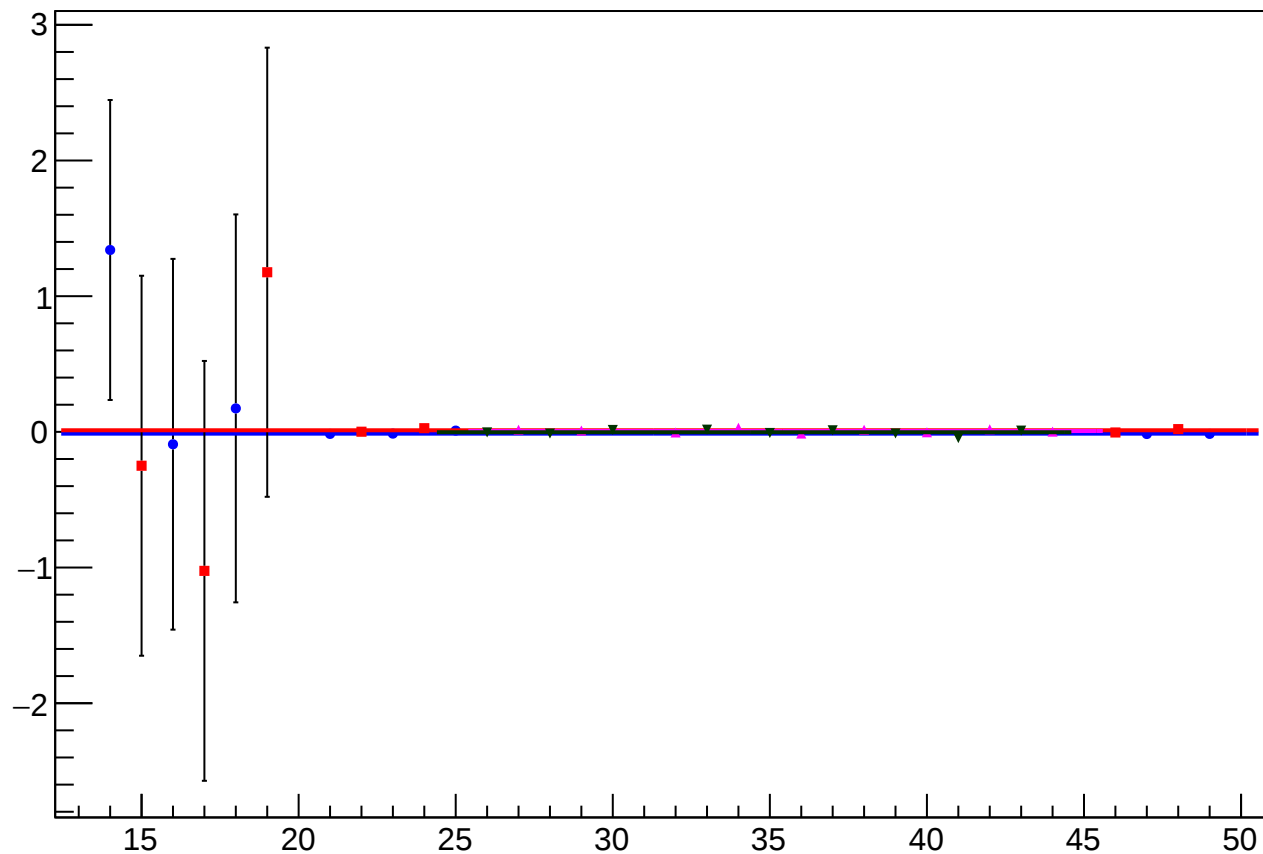
Left Out: -0.014 $\pm$ 0.007 χ^2 /NDF:11.7/8

Right Out: 0.010 $\pm$ 0.010 χ^2 /NDF: 3.0/6

Left In: 0.015 $\pm$ 0.006 χ^2 /NDF:8.7/8

0.003 $\pm$ 0.004 χ^2 /NDF: 38.1/32

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.007 χ^2/NDF : 2.4/7

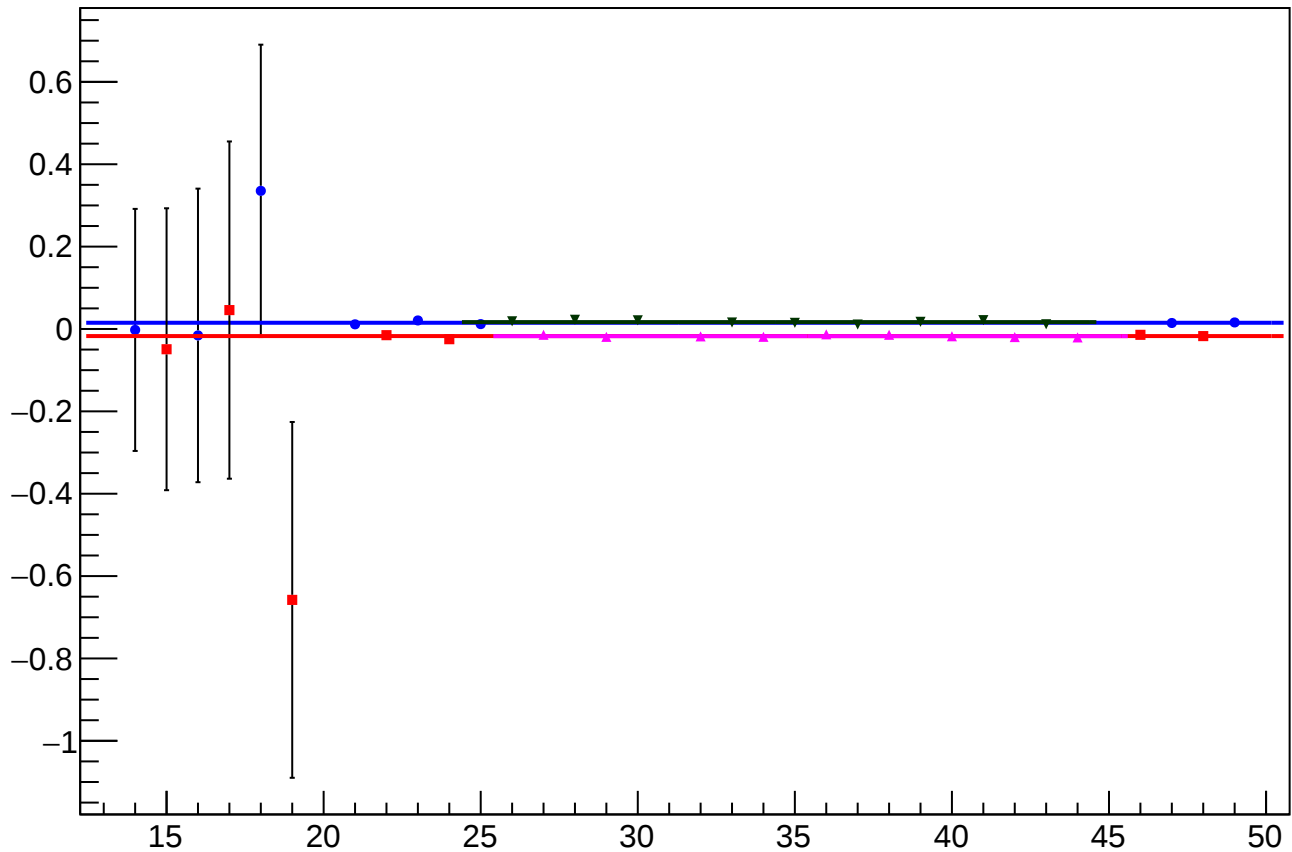
Left Out: -0.003 ± 0.005 χ^2/NDF : 10.9/8

Right Out: 0.012 ± 0.008 χ^2/NDF : 3.7/6

Left In: 0.006 ± 0.005 χ^2/NDF : 5.9/8

0.000 ± 0.003 χ^2/NDF : 31.2/32

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 $\pm$ 0.002 χ^2/NDF : 3.9/7

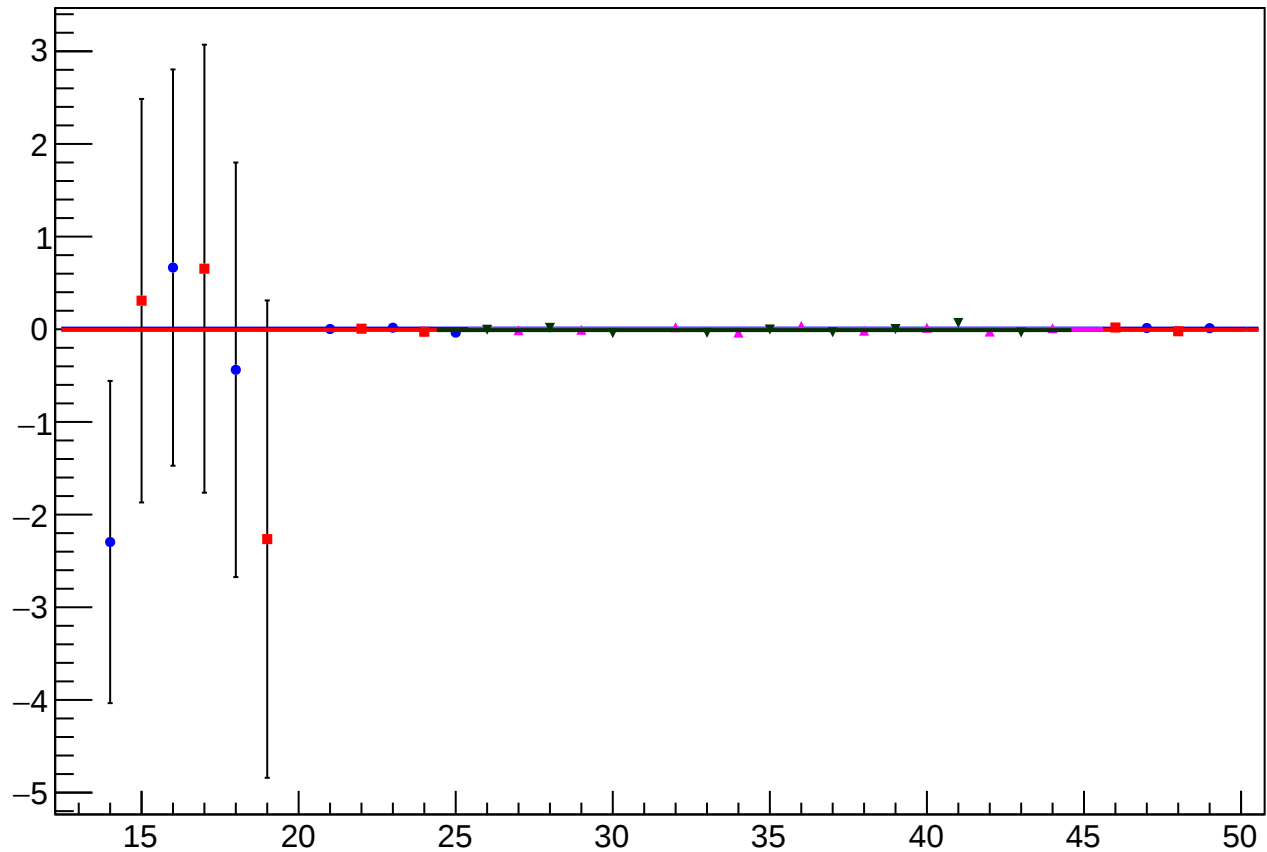
Left Out: 0.017 $\pm$ 0.001 χ^2/NDF : 13.9/8

Right Out: -0.017 $\pm$ 0.002 χ^2/NDF : 7.0/6

Left In: -0.017 $\pm$ 0.001 χ^2/NDF : 4.9/8

-0.000 $\pm$ 0.001 χ^2/NDF : 713.9/32

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.007 ± 0.011 χ^2/NDF : 3.4/7

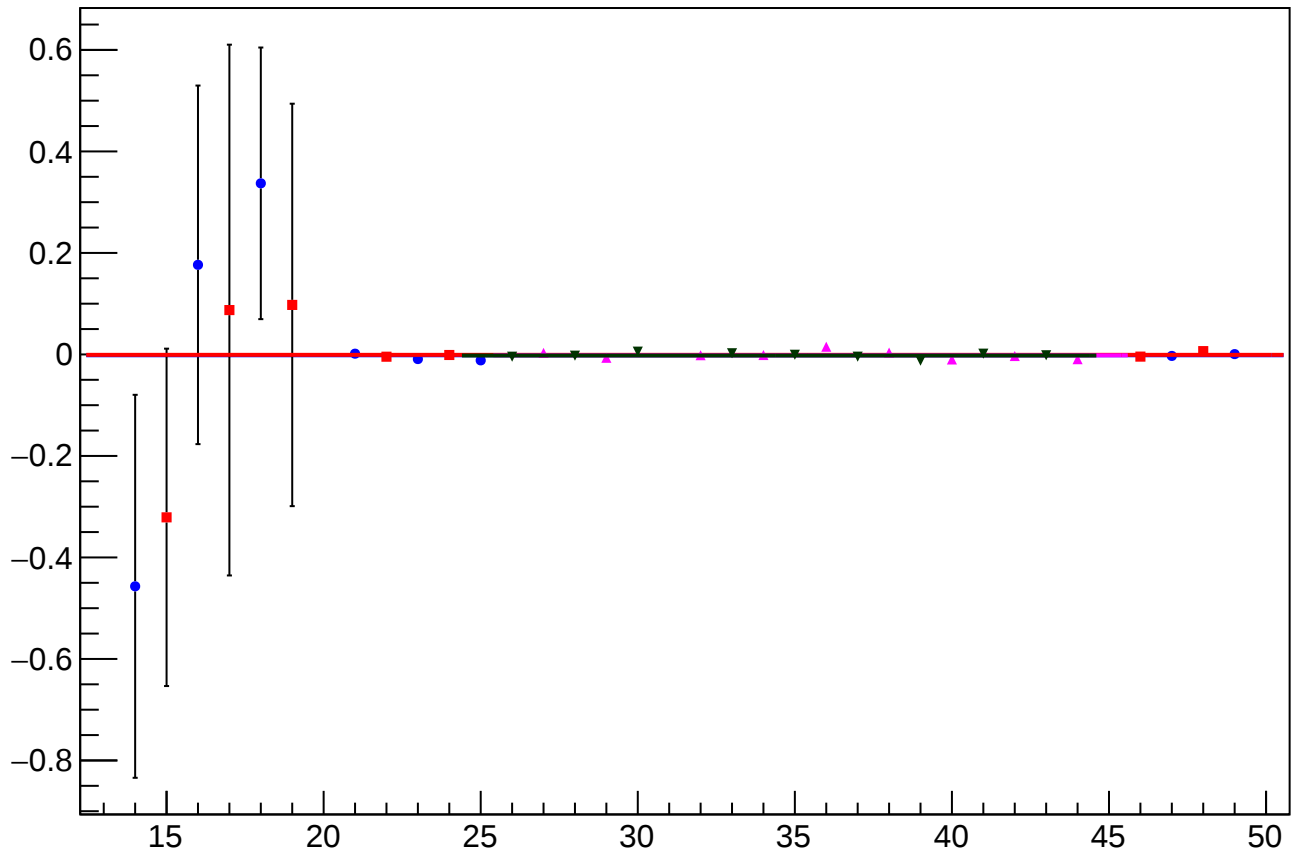
Left Out: -0.009 ± 0.008 χ^2/NDF : 12.7/8

Right Out: -0.007 ± 0.013 χ^2/NDF : 3.0/6

Left In: 0.002 ± 0.008 χ^2/NDF : 6.6/8

-0.002 ± 0.005 χ^2/NDF : 27.7/32

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.002 $\pm$ 0.002 χ^2 /NDF: 7.1/7

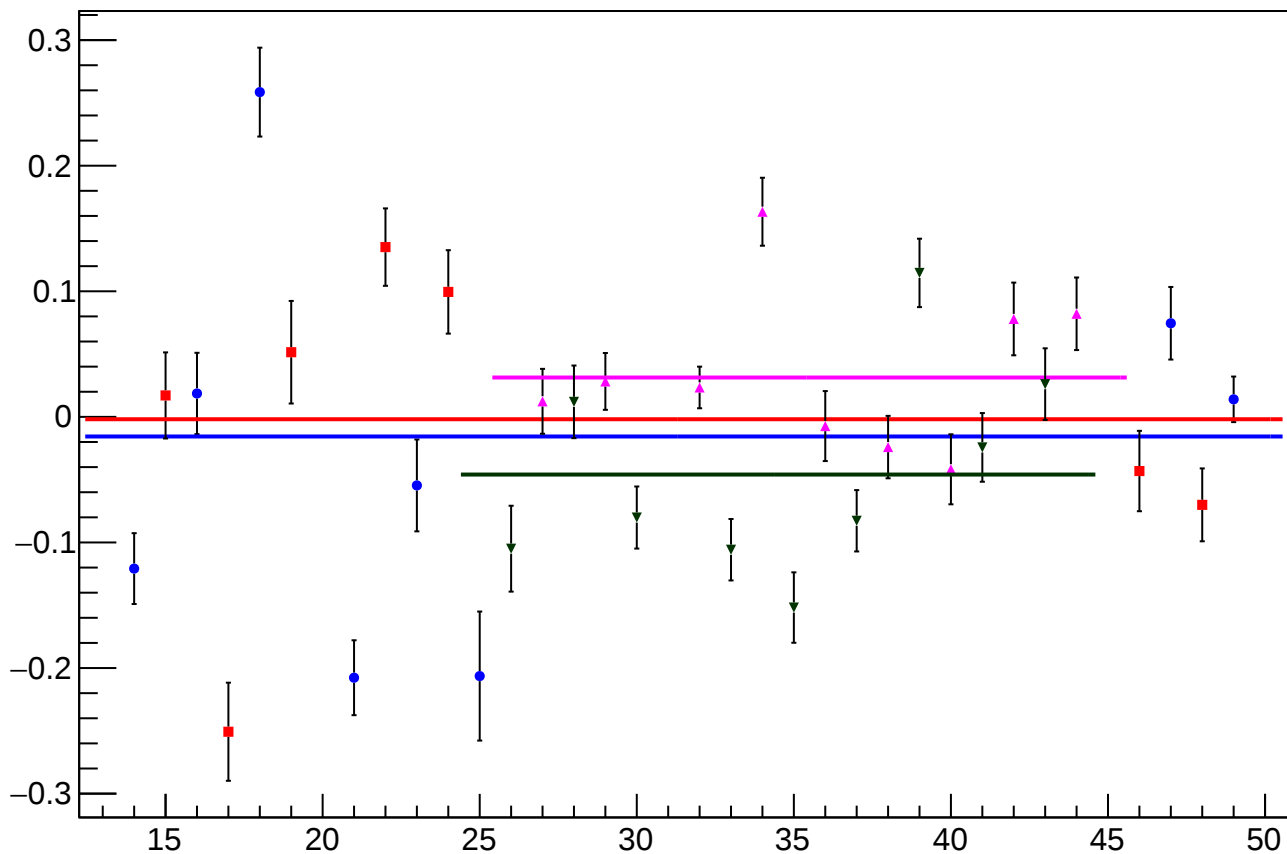
Left Out: -0.002 $\pm$ 0.001 χ^2 /NDF:9.3/8

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 4.4/6

Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:24.7/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 45.8/32

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.016 ± 0.010 χ^2/NDF : 143.9/7

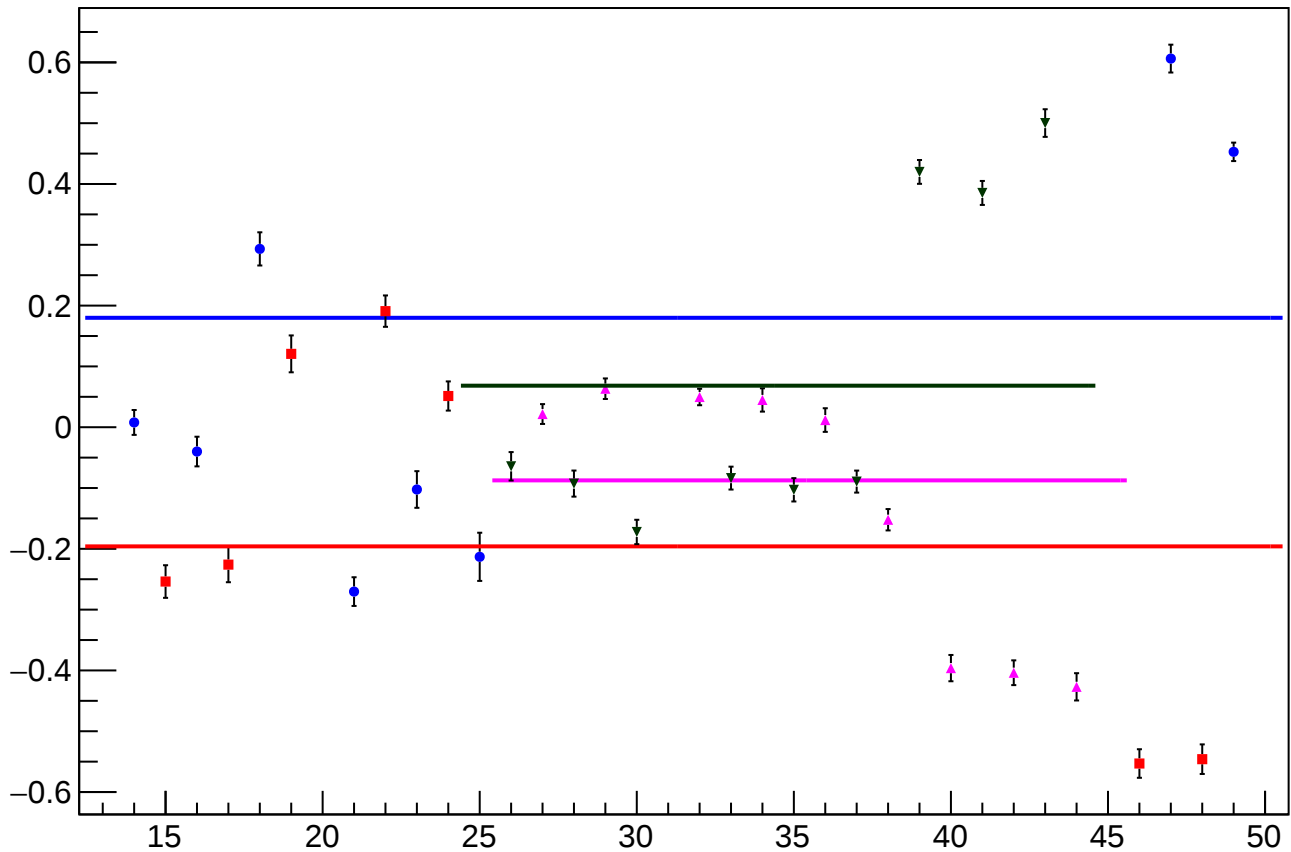
Left Out: -0.046 ± 0.009 χ^2/NDF : 73.2/8

Right Out: -0.002 ± 0.013 χ^2/NDF : 78.9/6

Left In: 0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.006 ± 0.005 χ^2/NDF : 381.4/32

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.180+/-0.008 χ^2/NDF : 1389.7/7

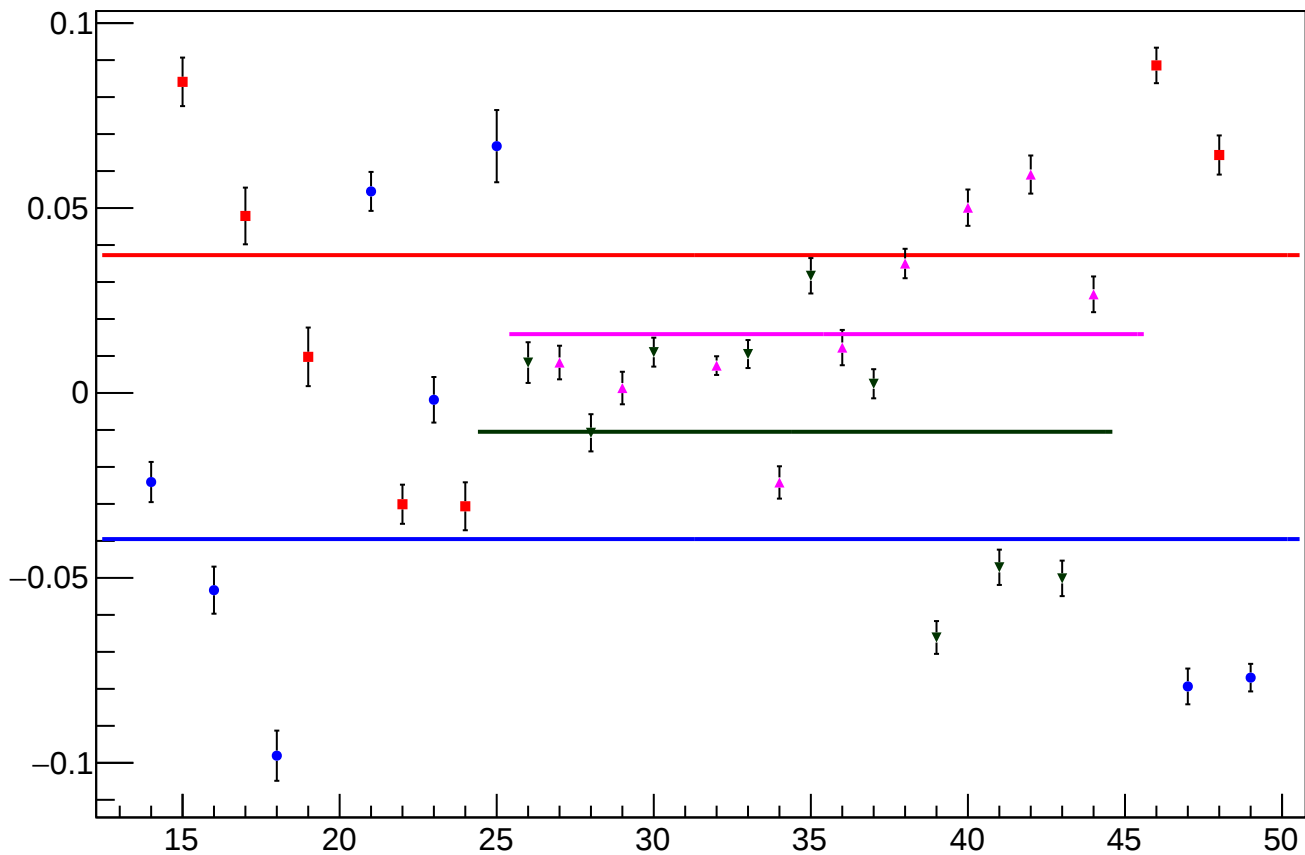
Left Out: 0.068+/-0.007 χ^2/NDF : 1394.7/8

Right Out: -0.196+/-0.010 χ^2/NDF : 883.8/6

Left In: -0.087+/-0.006 χ^2/NDF : 988.6/8

-0.003+/-0.004 χ^2/NDF : 5864.3/32

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.040 $\pm$ 0.002 χ^2 /NDF: 730.4/7

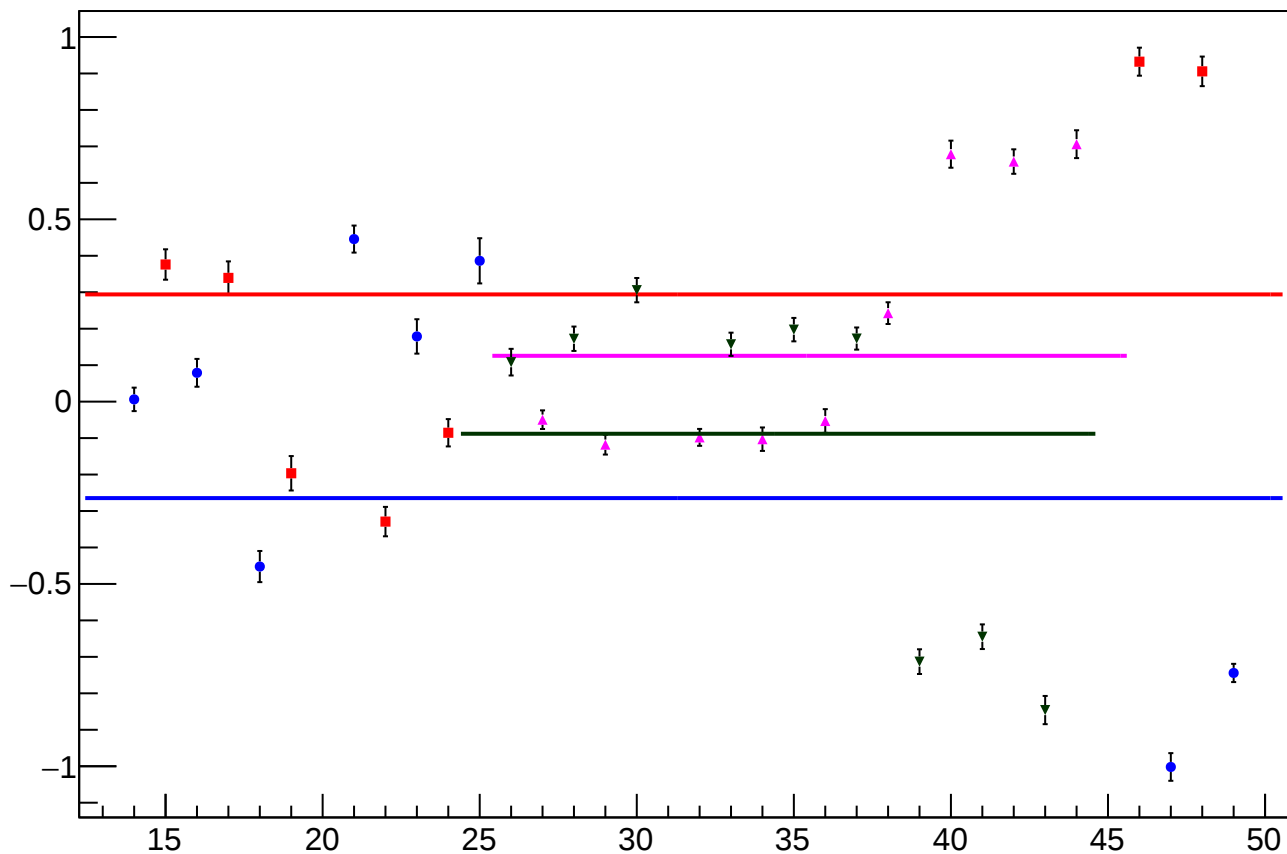
Left Out: -0.010 $\pm$ 0.001 χ^2 /NDF: 445.6/8

Right Out: 0.037 $\pm$ 0.002 χ^2 /NDF: 477.0/6

Left In: 0.016 $\pm$ 0.001 χ^2 /NDF: 256.5/8

0.000 $\pm$ 0.001 χ^2 /NDF: 2784.2/32

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.265+/-0.013 χ^2/NDF : 1482.3/7

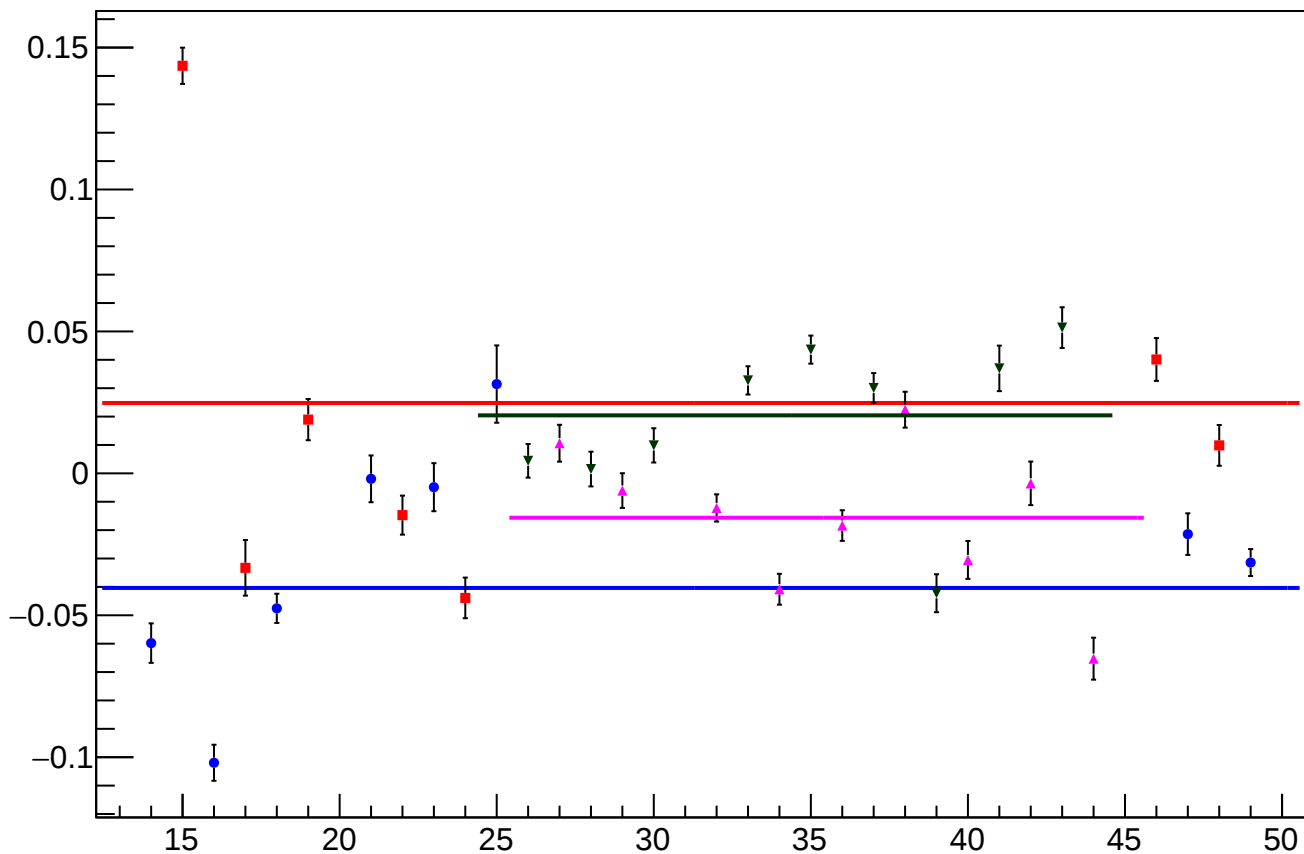
Left Out: -0.088+/-0.011 χ^2/NDF :1435.6/8

Right Out: 0.294+/-0.016 χ^2/NDF : 957.4/6

Left In: 0.126+/-0.010 χ^2/NDF :1020.5/8

0.007+/-0.006 χ^2/NDF : 5887.1/32

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.040 ± 0.002 χ^2/NDF : 181.1/7

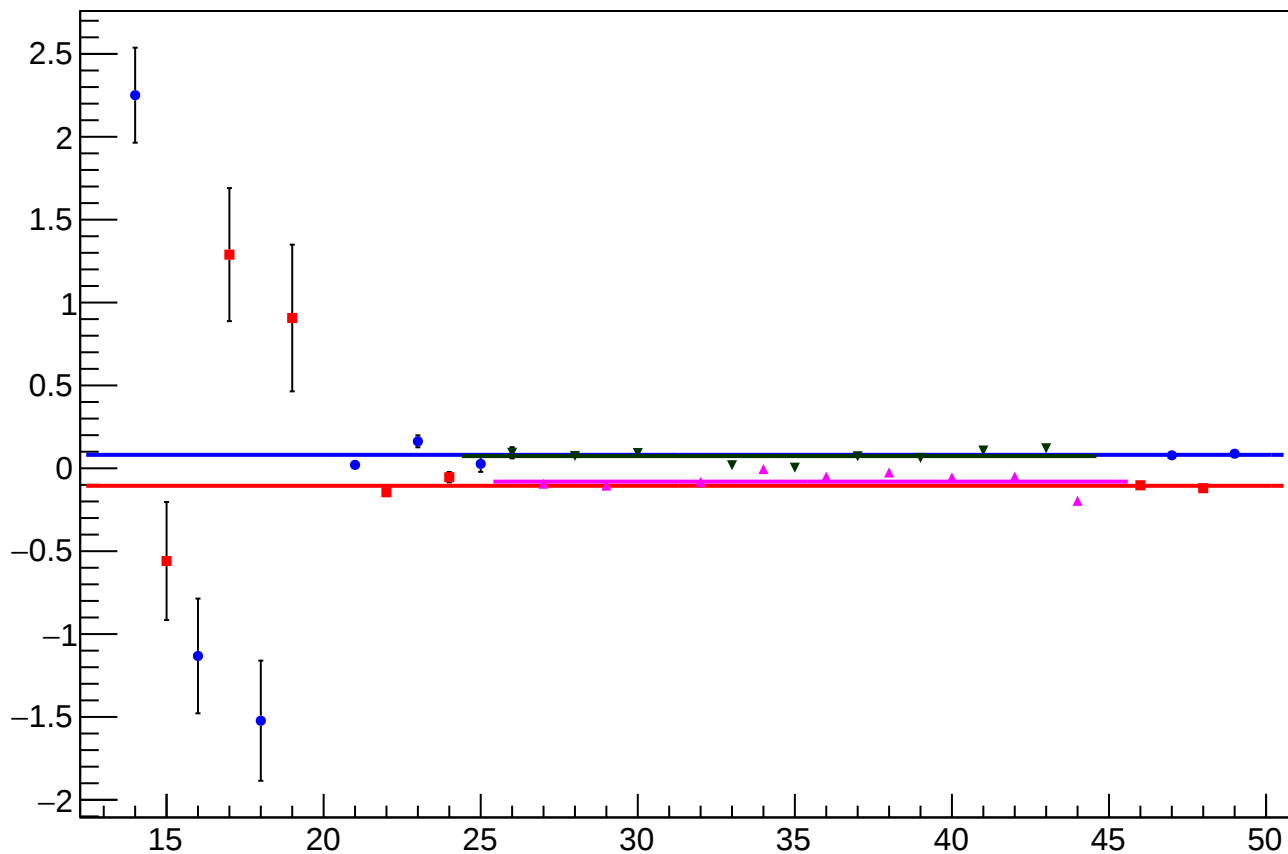
Left Out: 0.020 ± 0.002 χ^2/NDF : 162.1/8

-0.003 ± 0.001 χ^2/NDF : 1522.7/32

Right Out: 0.025 ± 0.003 χ^2/NDF : 515.7/6

Left In: -0.016 ± 0.002 χ^2/NDF : 129.9/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.081+/-0.011 χ^2/NDF : 100.1/7

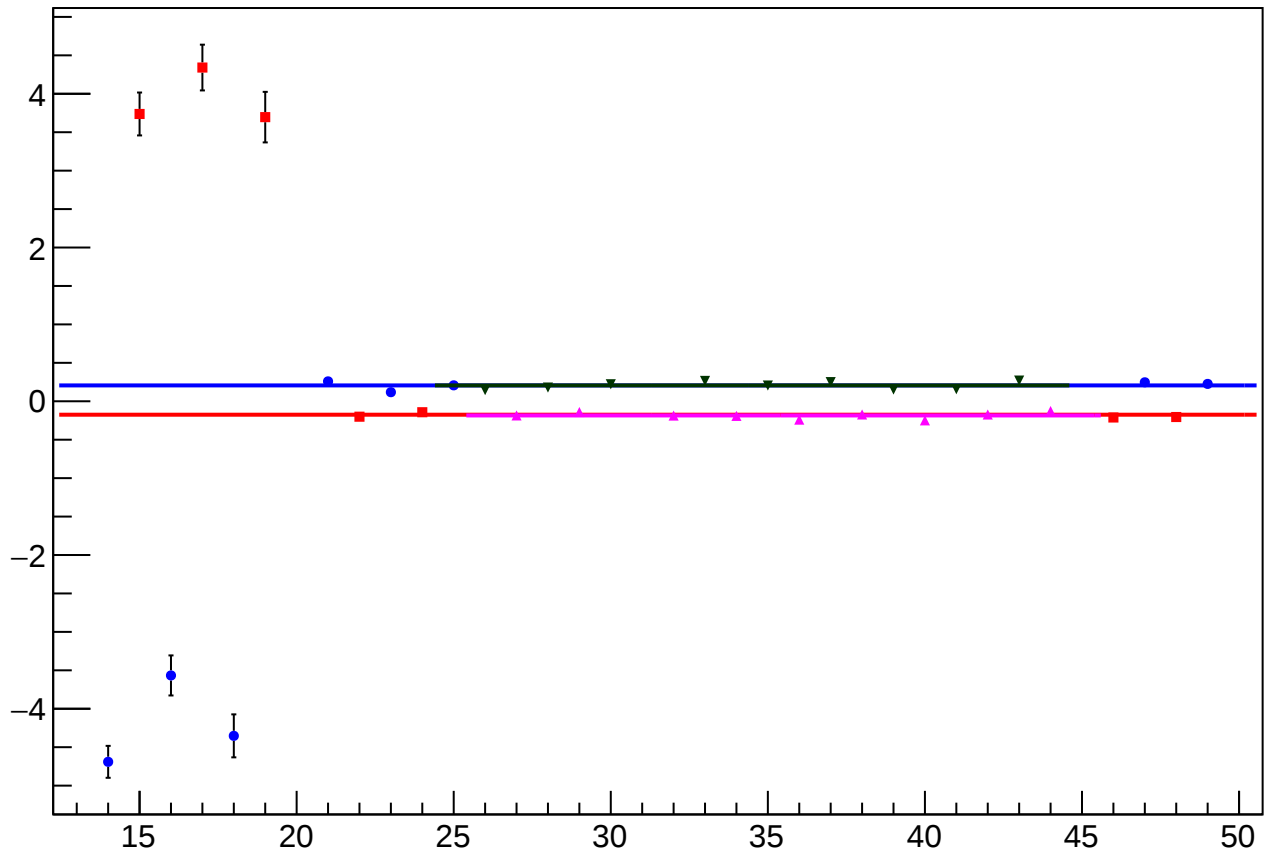
Left Out: 0.074+/-0.009 χ^2/NDF : 17.2/8

Right Out: -0.105+/-0.014 χ^2/NDF : 23.8/6

Left In: -0.080+/-0.008 χ^2/NDF : 39.2/8

-0.003+/-0.005 χ^2/NDF : 459.1/32

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.206 ± 0.009 χ^2/NDF : 1051.7/7

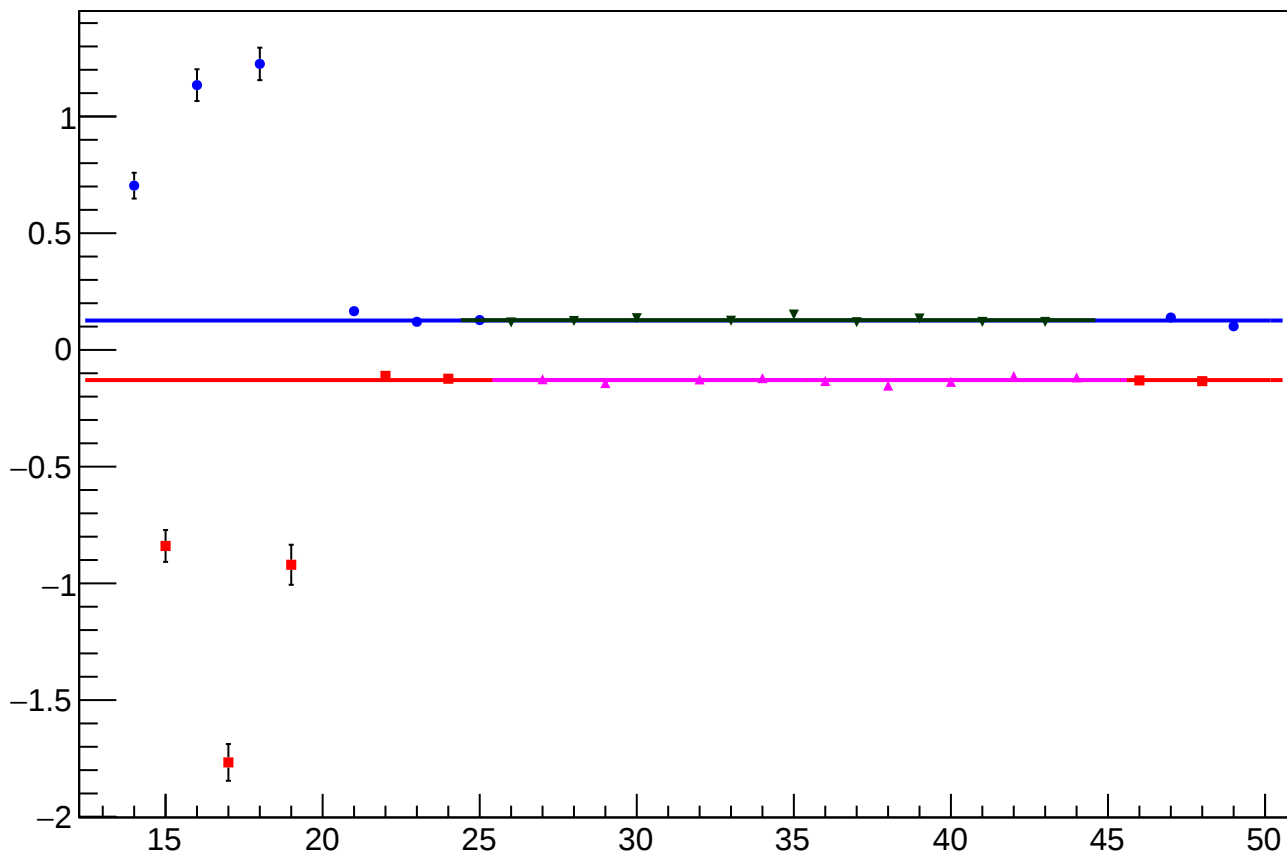
Left Out: 0.206 ± 0.007 χ^2/NDF : 49.8/8

0.012 ± 0.004 χ^2/NDF : 4409.9/32

Right Out: -0.175 ± 0.011 χ^2/NDF : 573.8/6

Left In: -0.184 ± 0.006 χ^2/NDF : 39.0/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.126+/-0.002 χ^2/NDF : 715.5/7

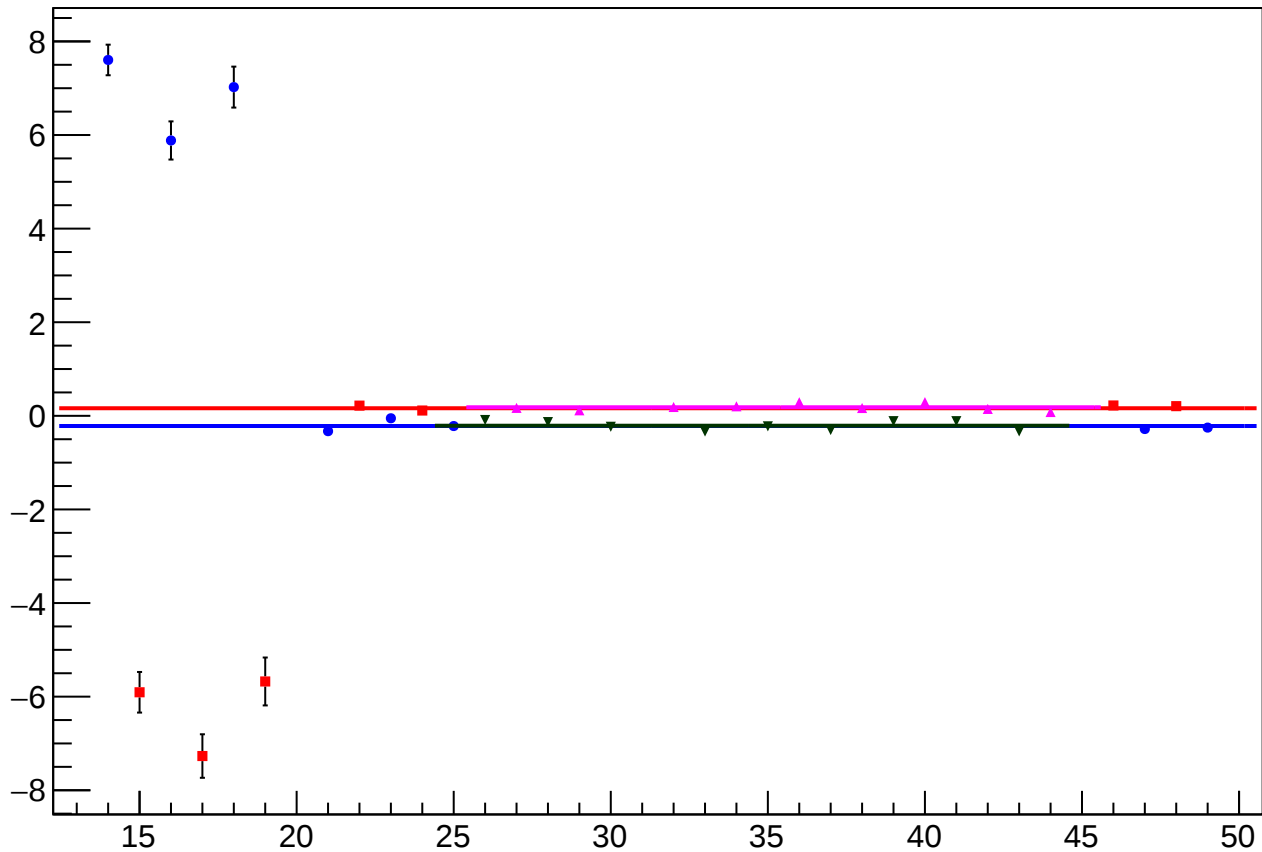
Left Out: 0.127+/-0.001 χ^2/NDF : 47.7/8

Right Out: -0.129+/-0.002 χ^2/NDF : 640.4/6

Left In: -0.129+/-0.001 χ^2/NDF : 62.0/8

-0.000+/-0.001 χ^2/NDF : 24522.6/32

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.217 ± 0.014 χ^2/NDF : 1099.3/7

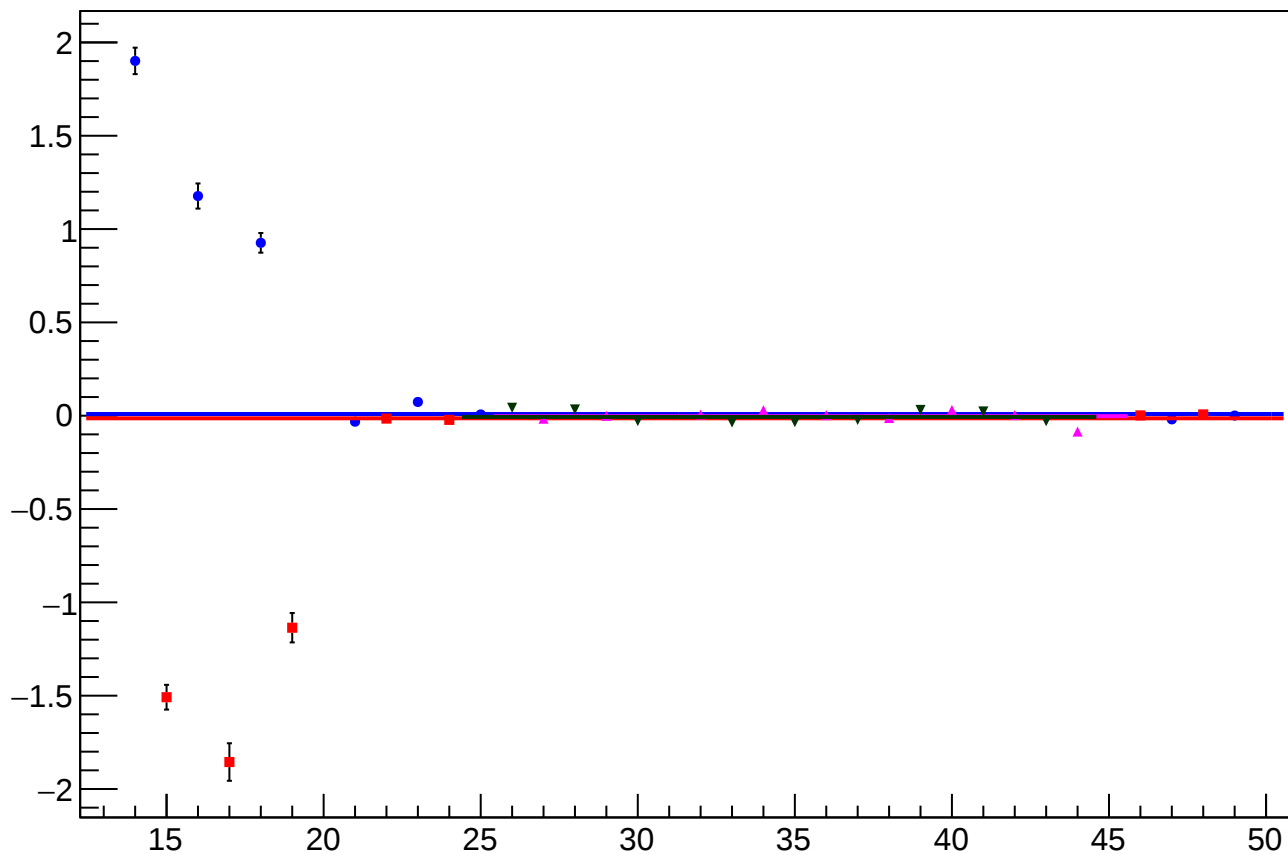
Left Out: -0.211 ± 0.011 χ^2/NDF : 72.0/8

-0.018 ± 0.006 χ^2/NDF : 2807.5/32

Right Out: 0.162 ± 0.018 χ^2/NDF : 590.0/6

Left In: 0.183 ± 0.010 χ^2/NDF : 42.4/8

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.009+/-0.003 χ^2/NDF : 1425.7/7

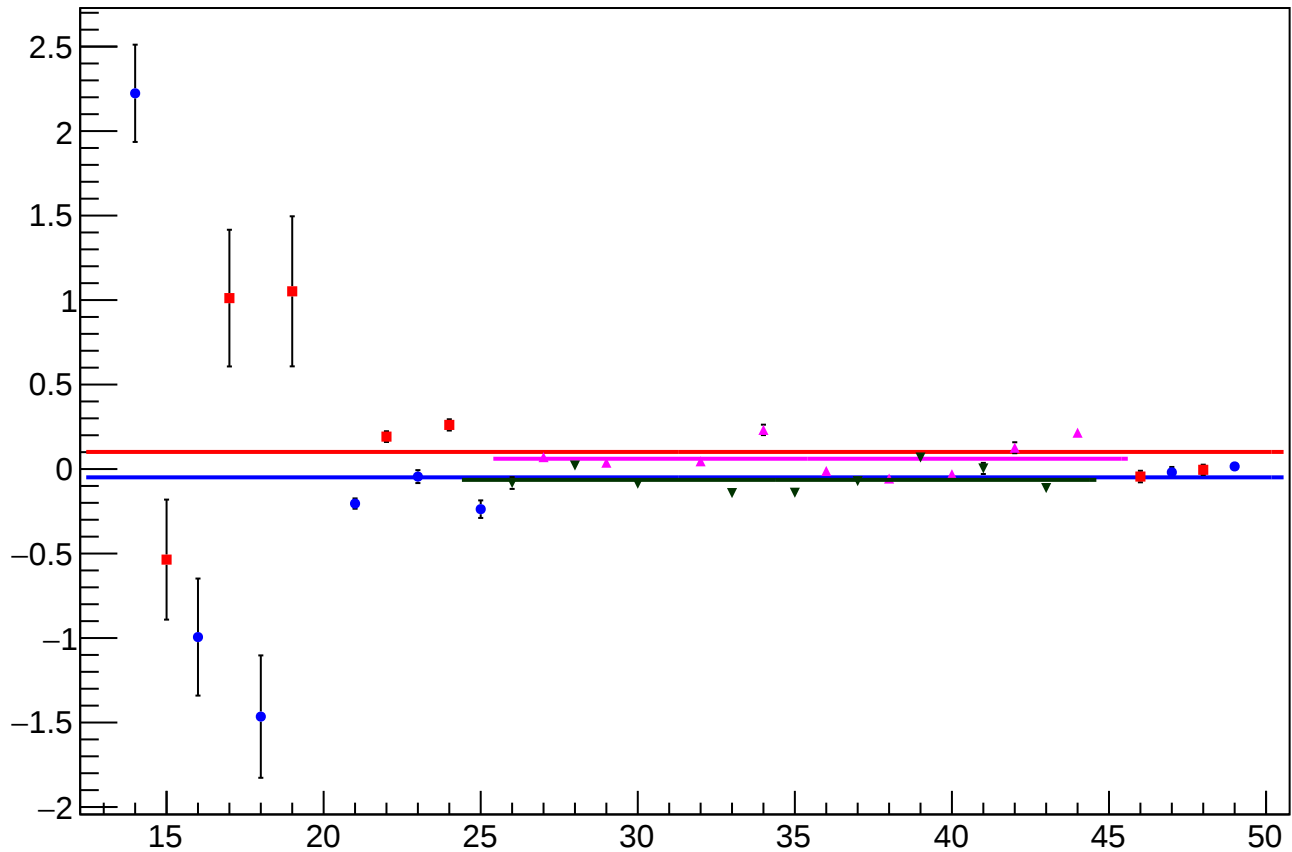
Left Out: -0.007+/-0.002 χ^2/NDF : 264.2/8

Right Out: -0.014+/-0.003 χ^2/NDF : 1064.9/6

Left In: -0.002+/-0.002 χ^2/NDF : 272.1/8

-0.003+/-0.001 χ^2/NDF : 3060.3/32

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.049 ± 0.013 $\chi^2/\text{NDF}: 137.7/7$

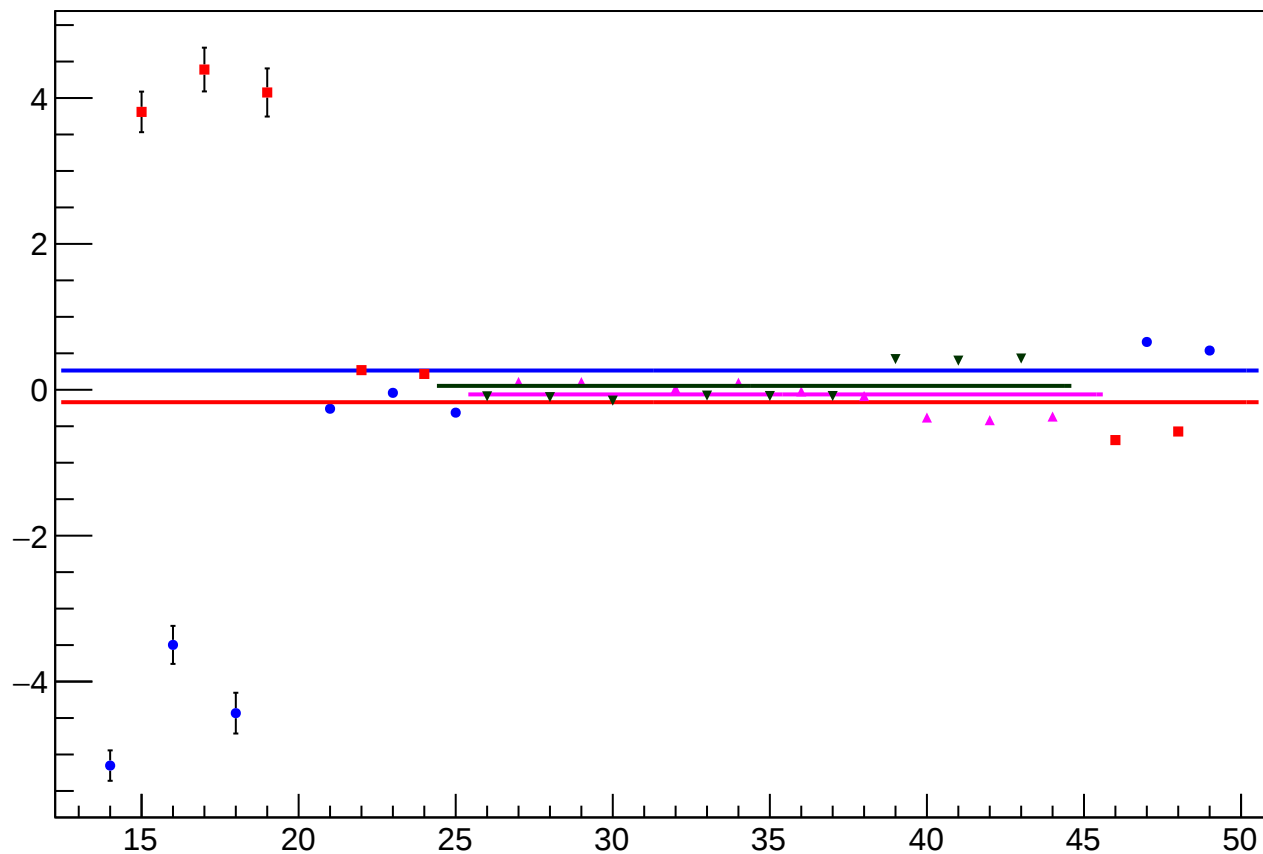
Left Out: -0.064 ± 0.009 $\chi^2/\text{NDF}: 53.3/8$

Right Out: 0.101 ± 0.016 $\chi^2/\text{NDF}: 74.4/6$

Left In: 0.061 ± 0.009 $\chi^2/\text{NDF}: 96.3/8$

0.005 ± 0.005 $\chi^2/\text{NDF}: 510.0/32$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.264+/-0.010 χ^2/NDF : 2510.4/7

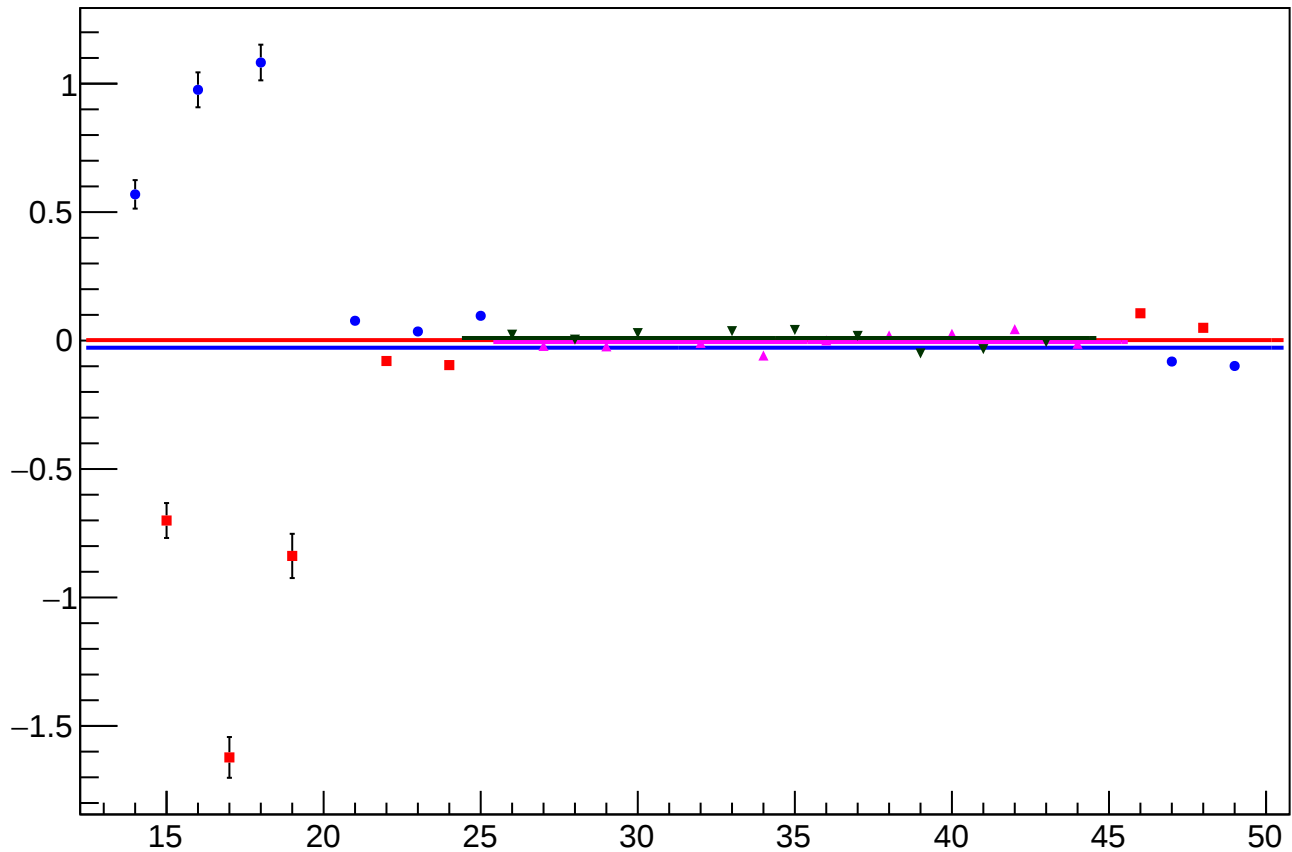
Left Out: 0.054+/-0.007 χ^2/NDF : 1125.4/8

Right Out: -0.170+/-0.013 χ^2/NDF : 1807.2/6

Left In: -0.063+/-0.006 χ^2/NDF : 920.0/8

0.015+/-0.004 χ^2/NDF : 7338.0/32

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.028 $\pm$ 0.002 χ^2/NDF : 1689.8/7

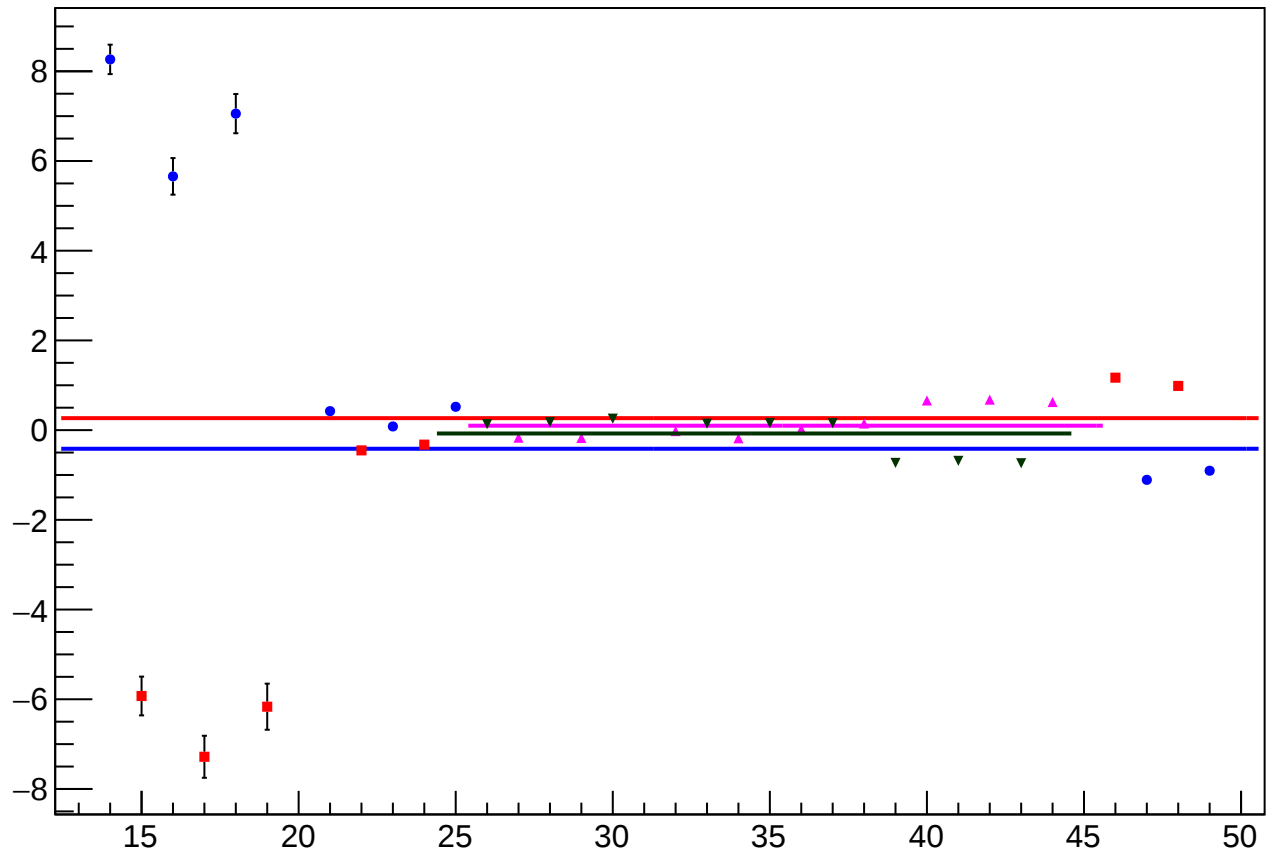
Left Out: 0.010 $\pm$ 0.002 χ^2/NDF : 343.2/8

-0.003 $\pm$ 0.001 χ^2/NDF : 4067.6/32

Right Out: 0.002 $\pm$ 0.003 χ^2/NDF : 1560.4/6

Left In: -0.006 $\pm$ 0.001 χ^2/NDF : 288.3/8

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.415 ± 0.017 χ^2/NDF : 2692.5/7

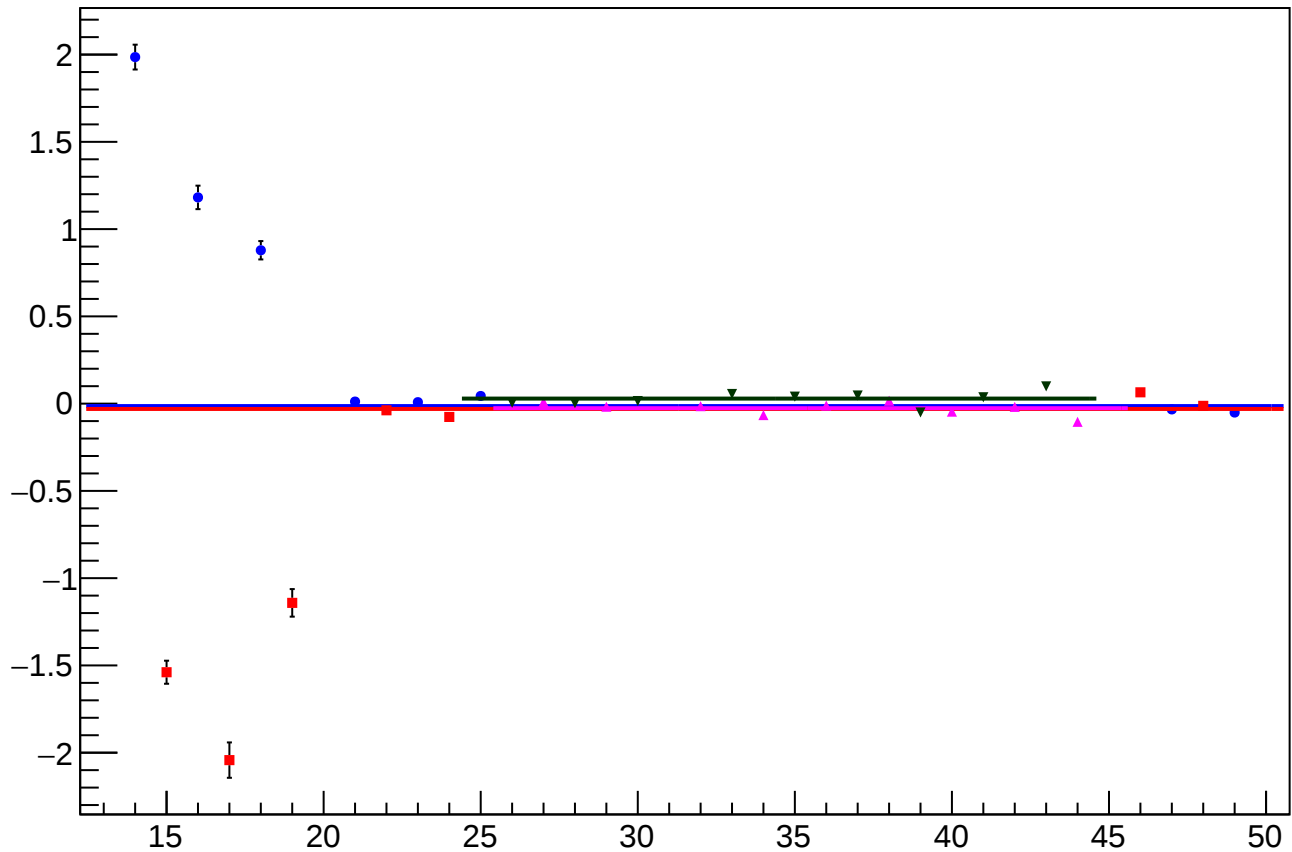
Left Out: -0.075 ± 0.012 χ^2/NDF : 1172.9/8

Right Out: 0.267 ± 0.020 χ^2/NDF : 1933.5/6

Left In: 0.099 ± 0.011 χ^2/NDF : 947.3/8

-0.022 ± 0.007 χ^2/NDF : 7650.3/32

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.014 ± 0.003 χ^2/NDF : 1493.6/7

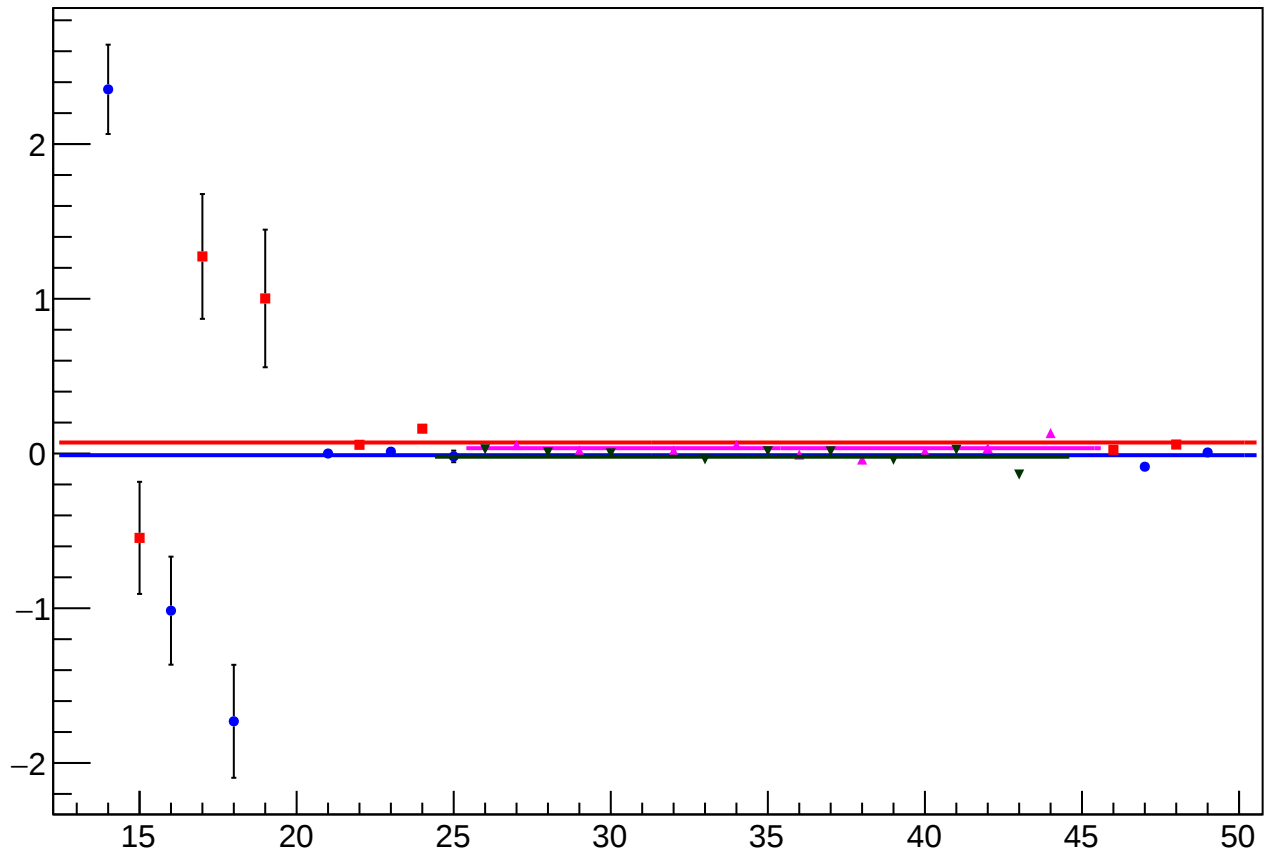
Left Out: 0.029 ± 0.002 χ^2/NDF : 298.0/8

-0.004 ± 0.001 χ^2/NDF : 3749.6/32

Right Out: -0.030 ± 0.004 χ^2/NDF : 1299.0/6

Left In: -0.026 ± 0.002 χ^2/NDF : 232.0/8

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.011 ± 0.009 χ^2/NDF : 114.0/7

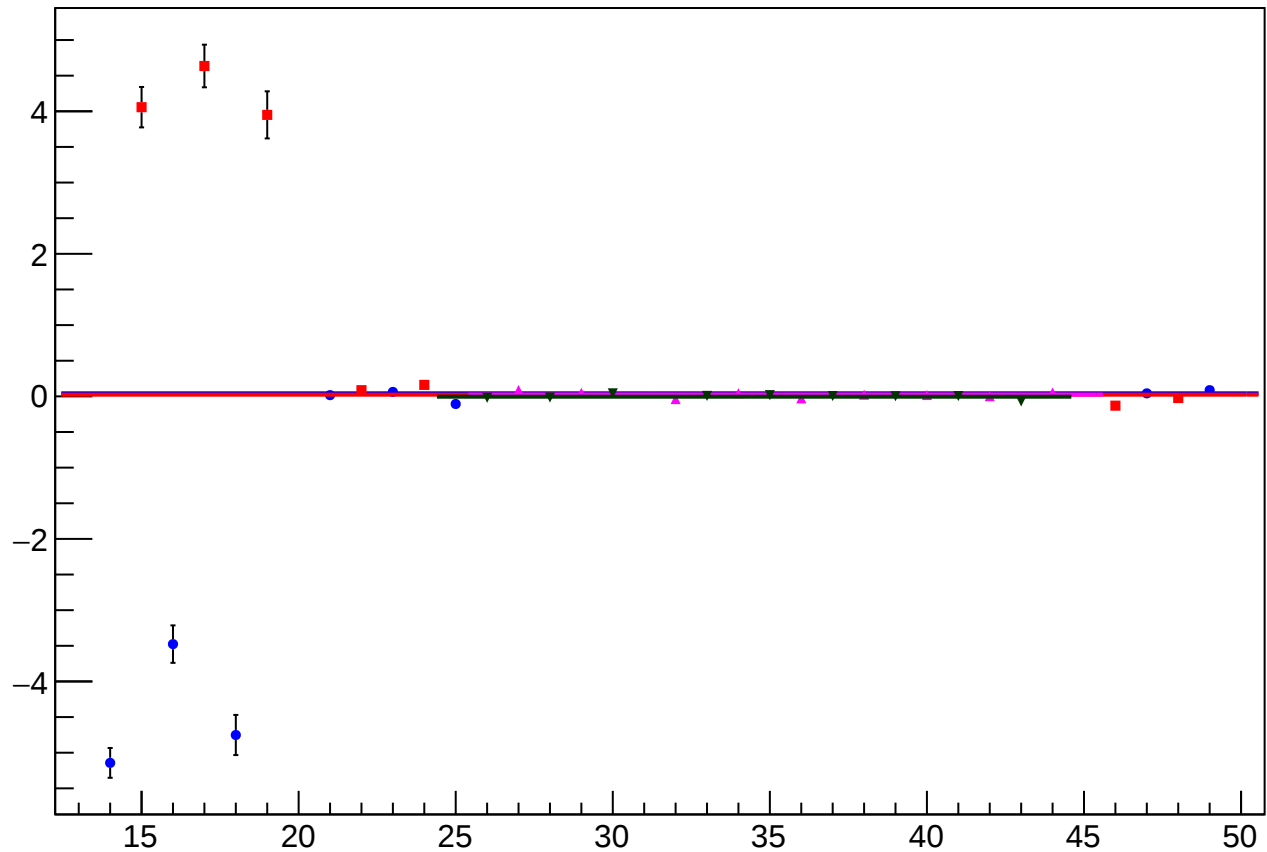
Left Out: -0.021 ± 0.007 χ^2/NDF : 59.1/8

Right Out: 0.071 ± 0.011 χ^2/NDF : 35.1/6

Left In: 0.034 ± 0.006 χ^2/NDF : 46.4/8

0.013 ± 0.004 χ^2/NDF : 324.7/32

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.043+/-0.007 χ^2/NDF : 1133.6/7

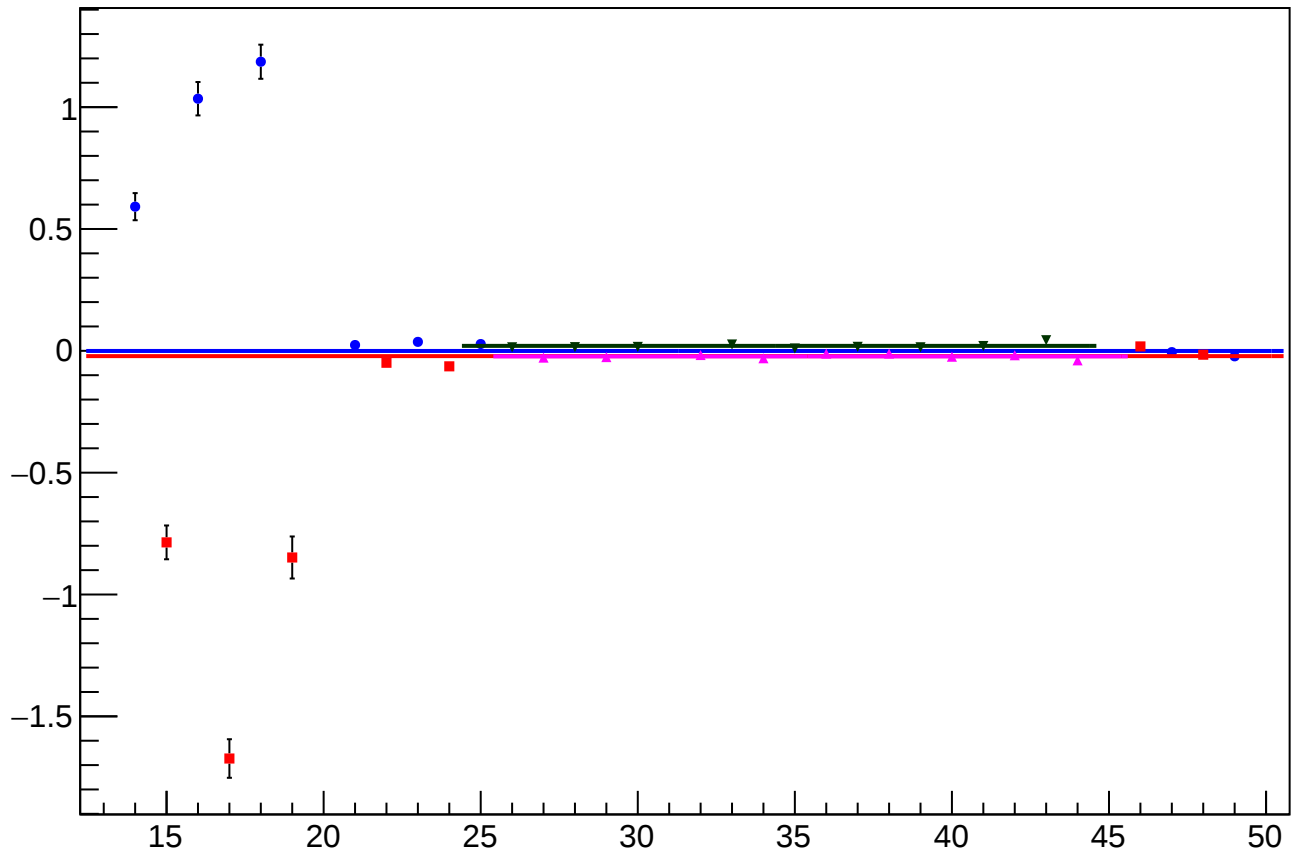
Left Out: -0.005+/-0.005 χ^2/NDF : 34.9/8

Right Out: 0.024+/-0.009 χ^2/NDF : 748.8/6

Left In: 0.024+/-0.005 χ^2/NDF : 75.1/8

0.018+/-0.003 χ^2/NDF : 2026.8/32

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001±/0.002 χ^2/NDF : 825.2/7

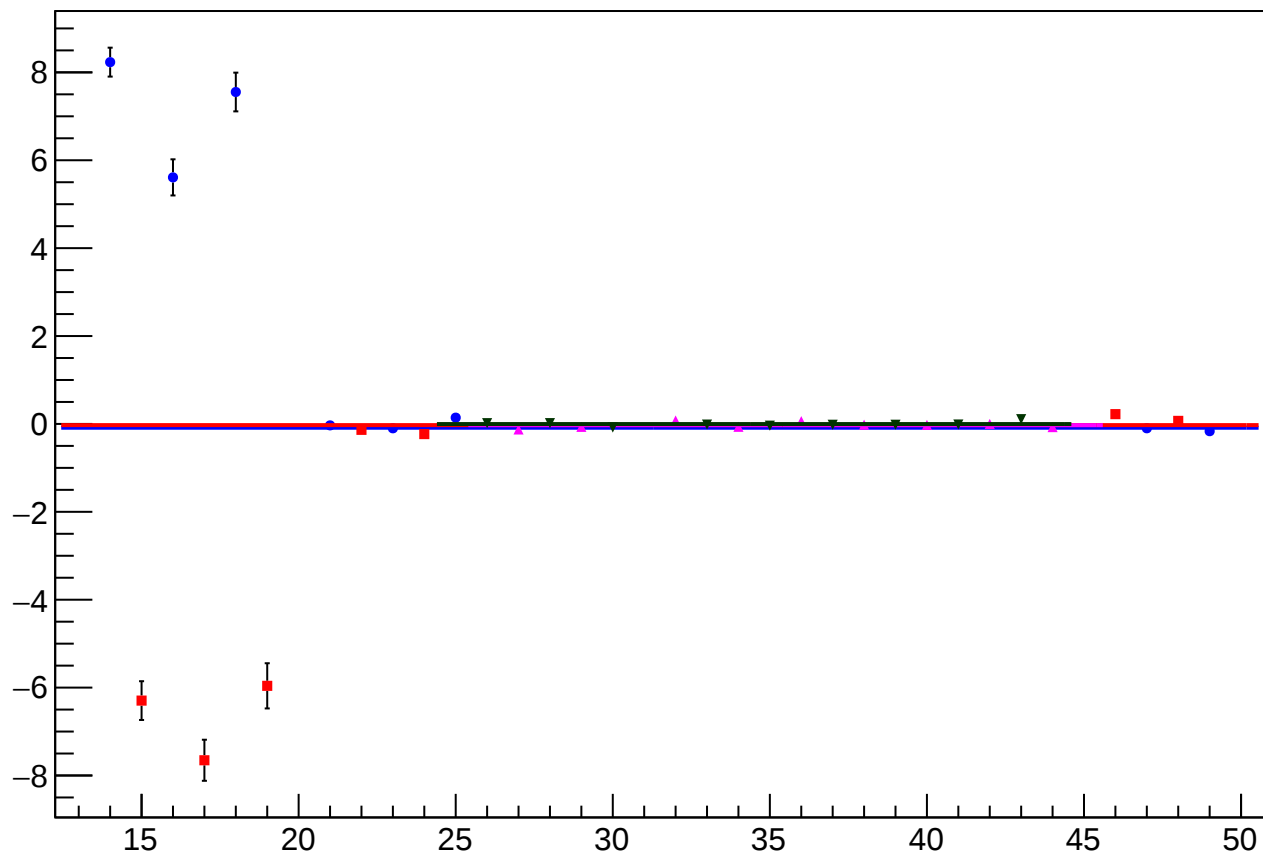
Left Out: 0.020±/0.001 χ^2/NDF : 81.1/8

-0.004±/0.001 χ^2/NDF : 2734.9/32

Right Out: -0.022±/0.002 χ^2/NDF : 920.4/6

Left In: -0.023±/0.001 χ^2/NDF : 60.4/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.086 ± 0.011 χ^2/NDF : 1185.3/7

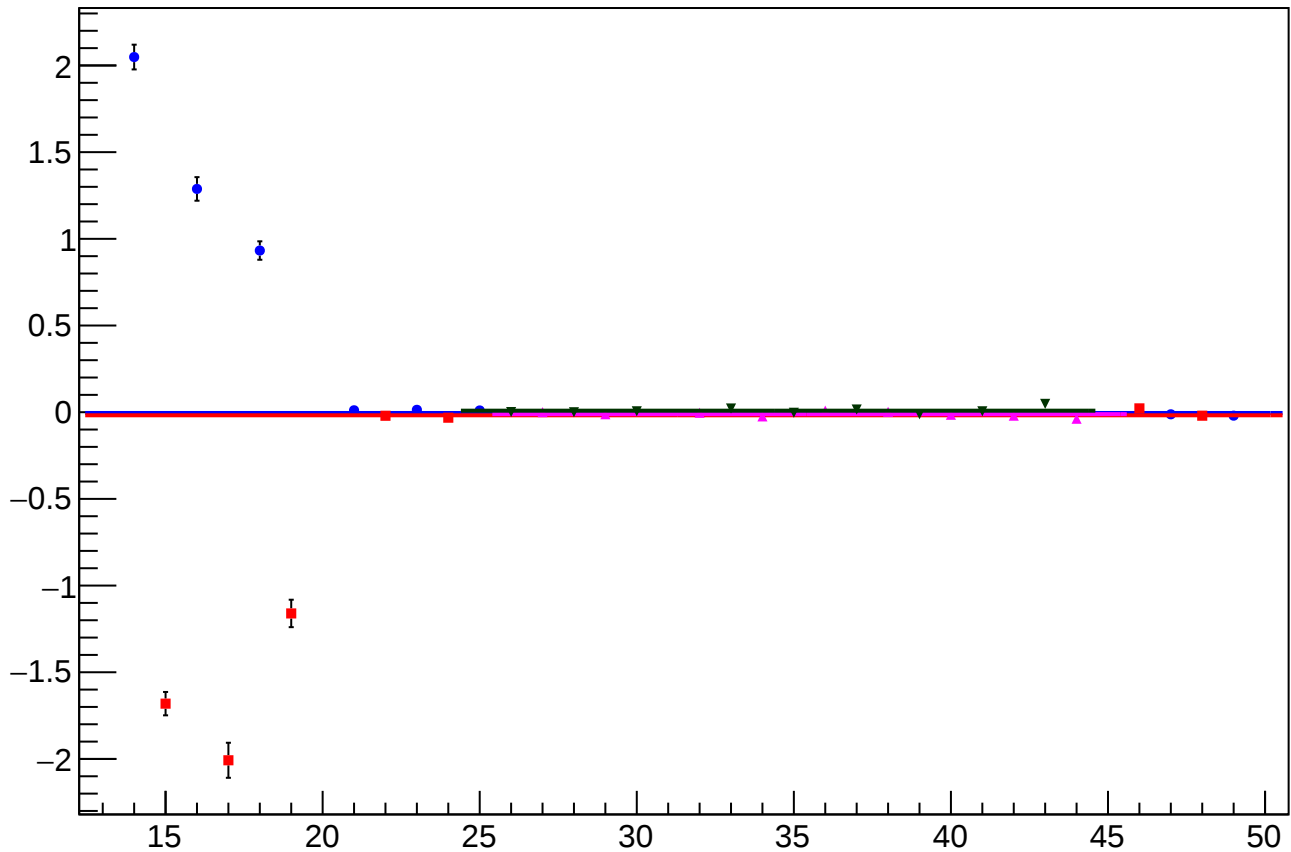
Left Out: -0.003 ± 0.009 χ^2/NDF : 34.3/8

Right Out: -0.027 ± 0.014 χ^2/NDF : 768.4/6

Left In: -0.028 ± 0.008 χ^2/NDF : 72.1/8

-0.030 ± 0.005 χ^2/NDF : 2094.6/32

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.004 ± 0.002 χ^2/NDF : 1542.2/7

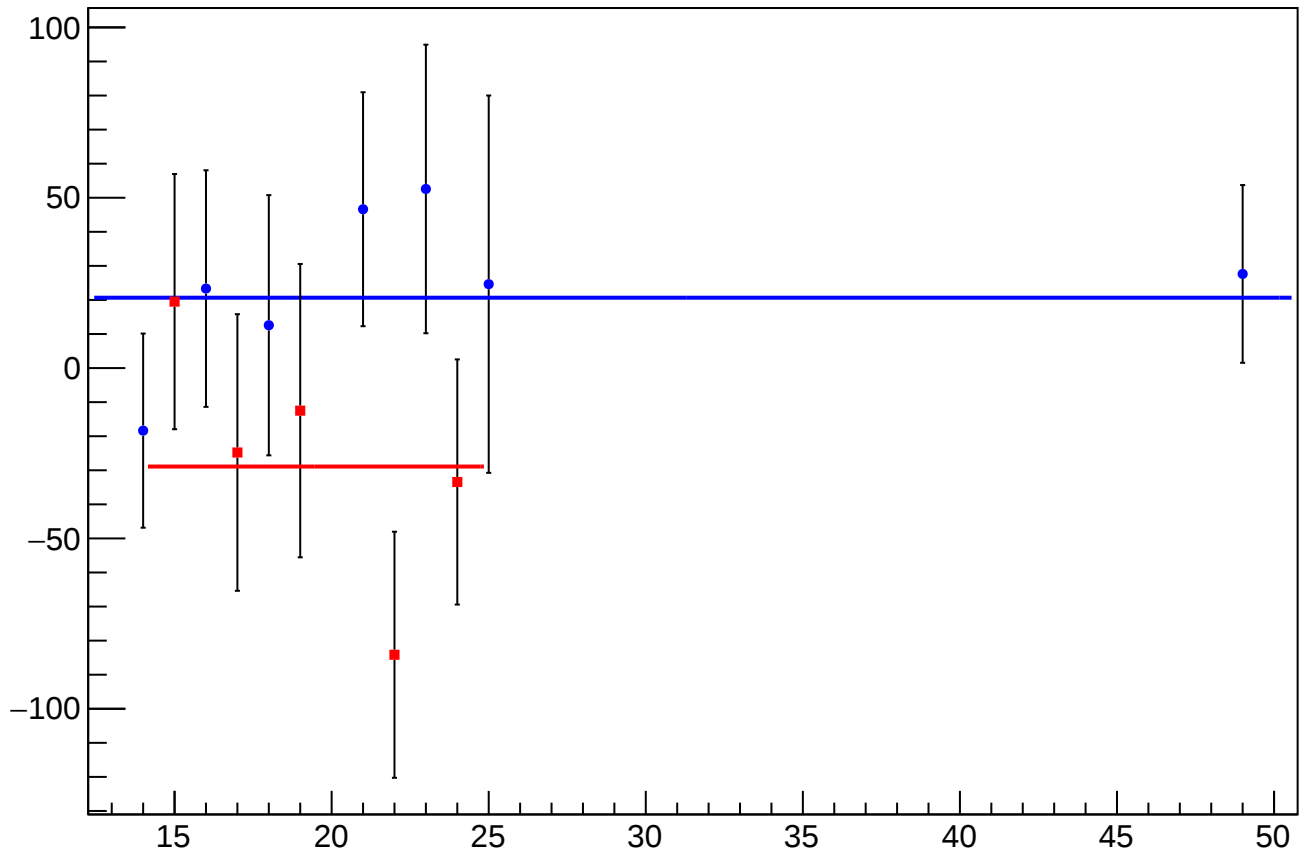
Left Out: 0.009 ± 0.002 χ^2/NDF : 124.4/8

-0.004 ± 0.001 χ^2/NDF : 3135.3/32

Right Out: -0.018 ± 0.003 χ^2/NDF : 1270.1/6

Left In: -0.011 ± 0.002 χ^2/NDF : 77.3/8

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 20.659+/-12.967 χ^2/NDF : 3.1/6

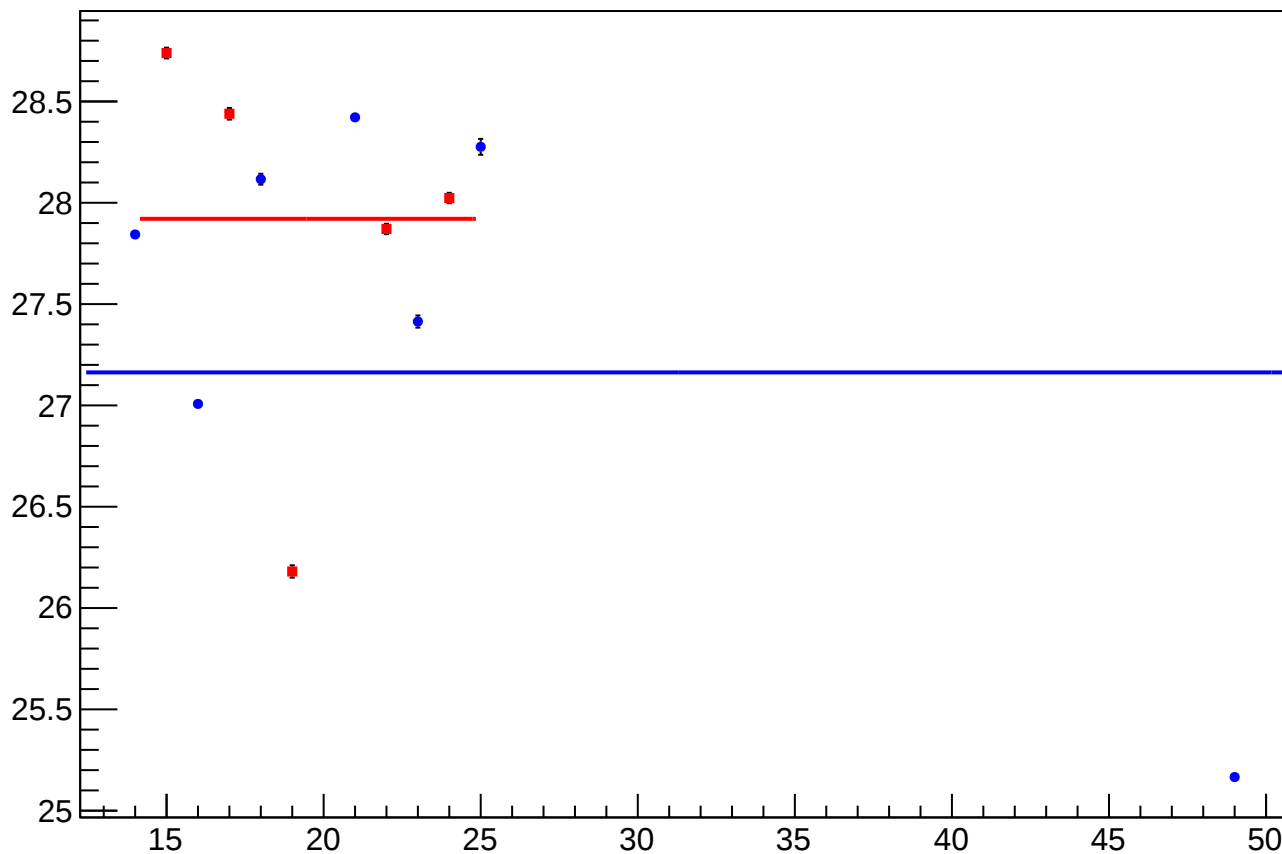
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.639+/-10.344 χ^2/NDF : 12.6/11

Right Out: -28.899+/-17.155 χ^2/NDF : 4.2/4

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

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 27.163+/-0.009 χ^2 /NDF: 17714.1/6

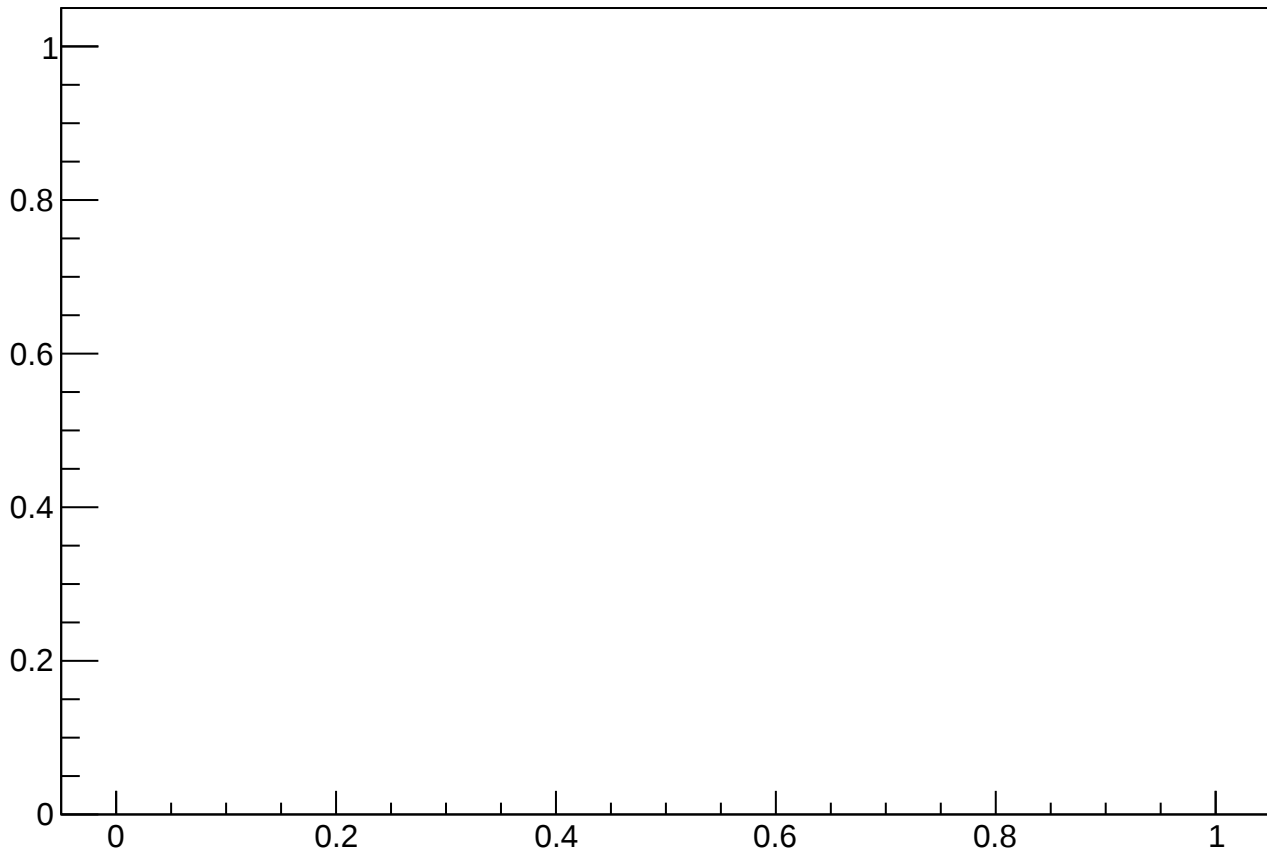
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 27.921+/-0.012 χ^2 /NDF: 4568.9/4

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

27.438+/-0.007 χ^2 /NDF: 24767.7/11

bcm_dg_us_dg_ds_avg_mean vs slug



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

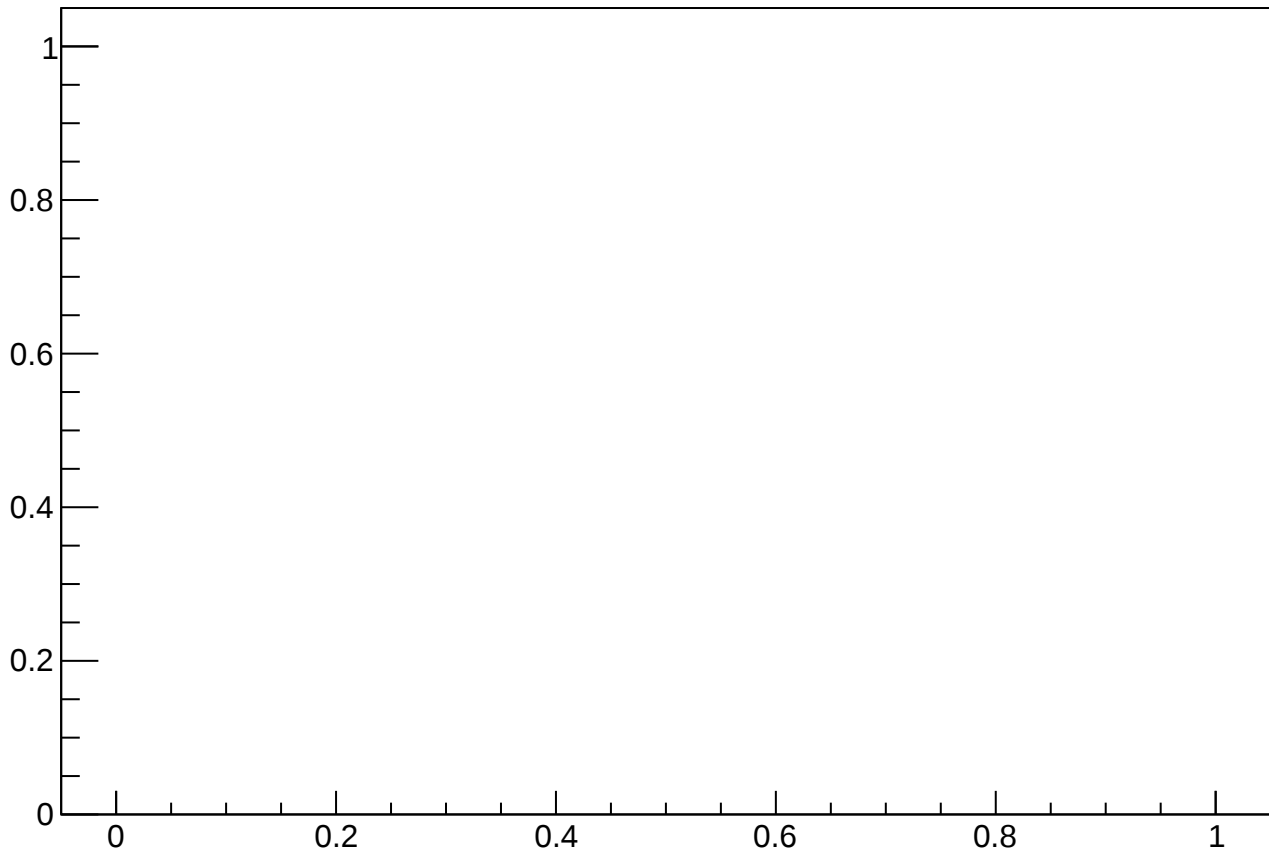
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

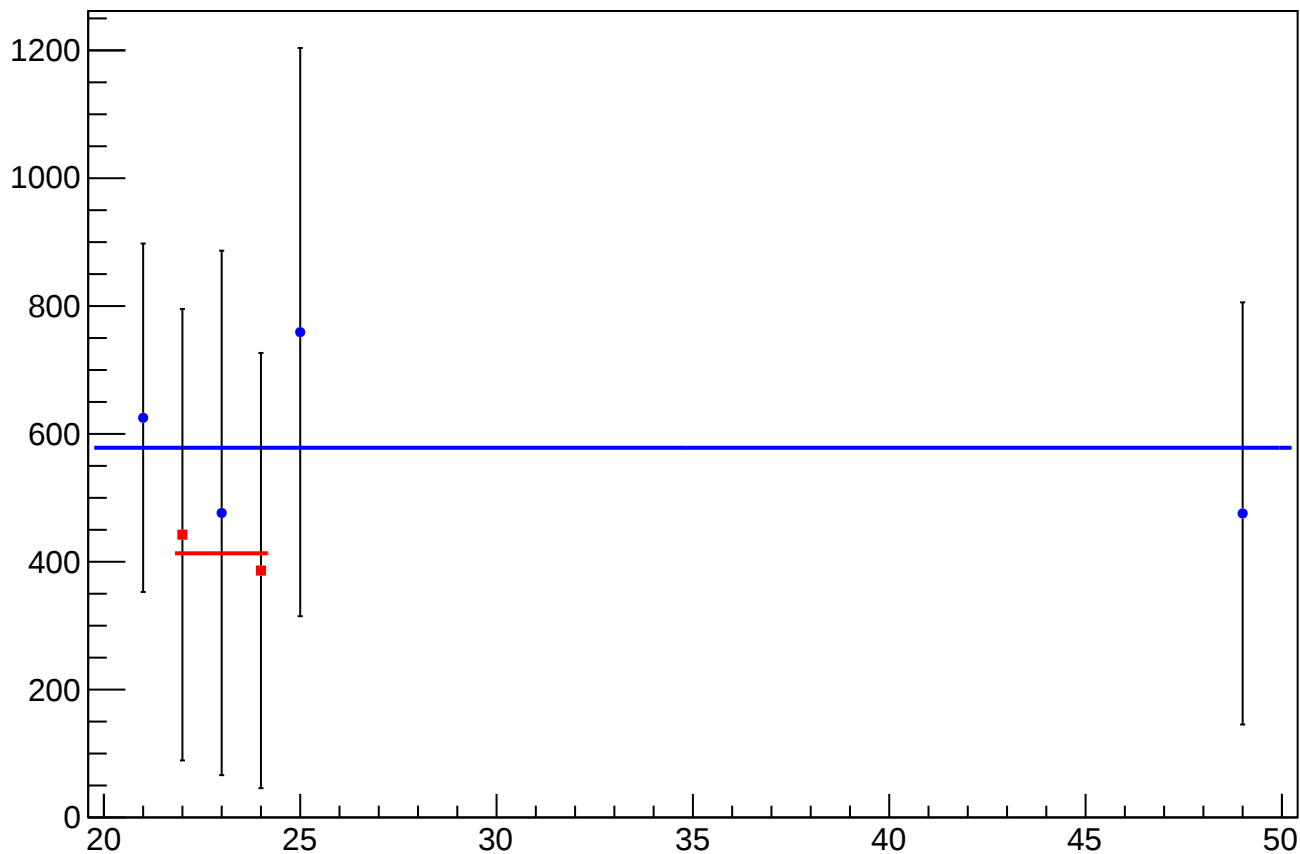
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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: 578.319 $\pm$ 172.427 χ^2/NDF : 0.4/3

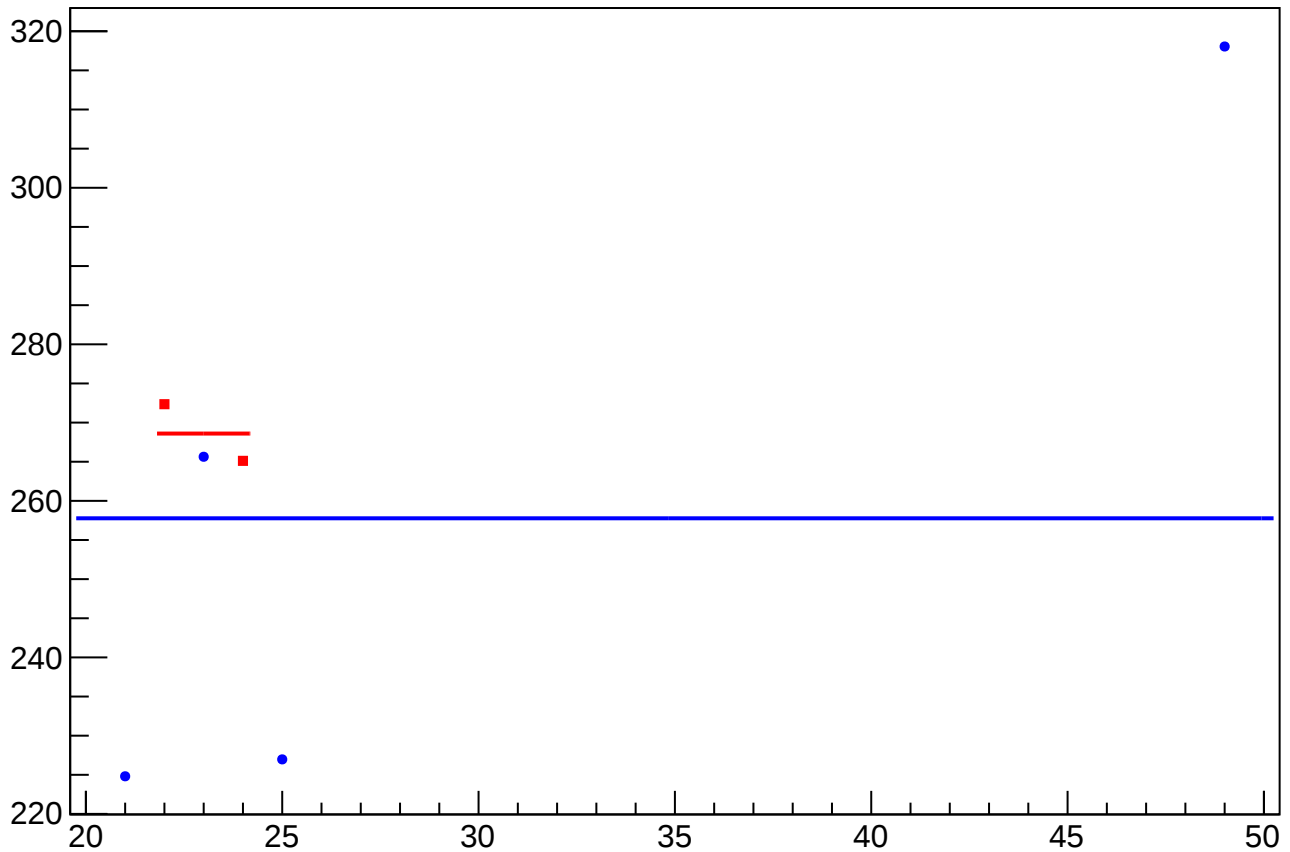
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 413.266 $\pm$ 245.083 χ^2/NDF : 0.0/1

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

523.671 $\pm$ 141.022 χ^2/NDF : 0.7/5

asym_us_agg_avg_rms vs slug



Right In: 257.772 $\pm$ 0.122 χ^2 /NDF: 106230.9/3

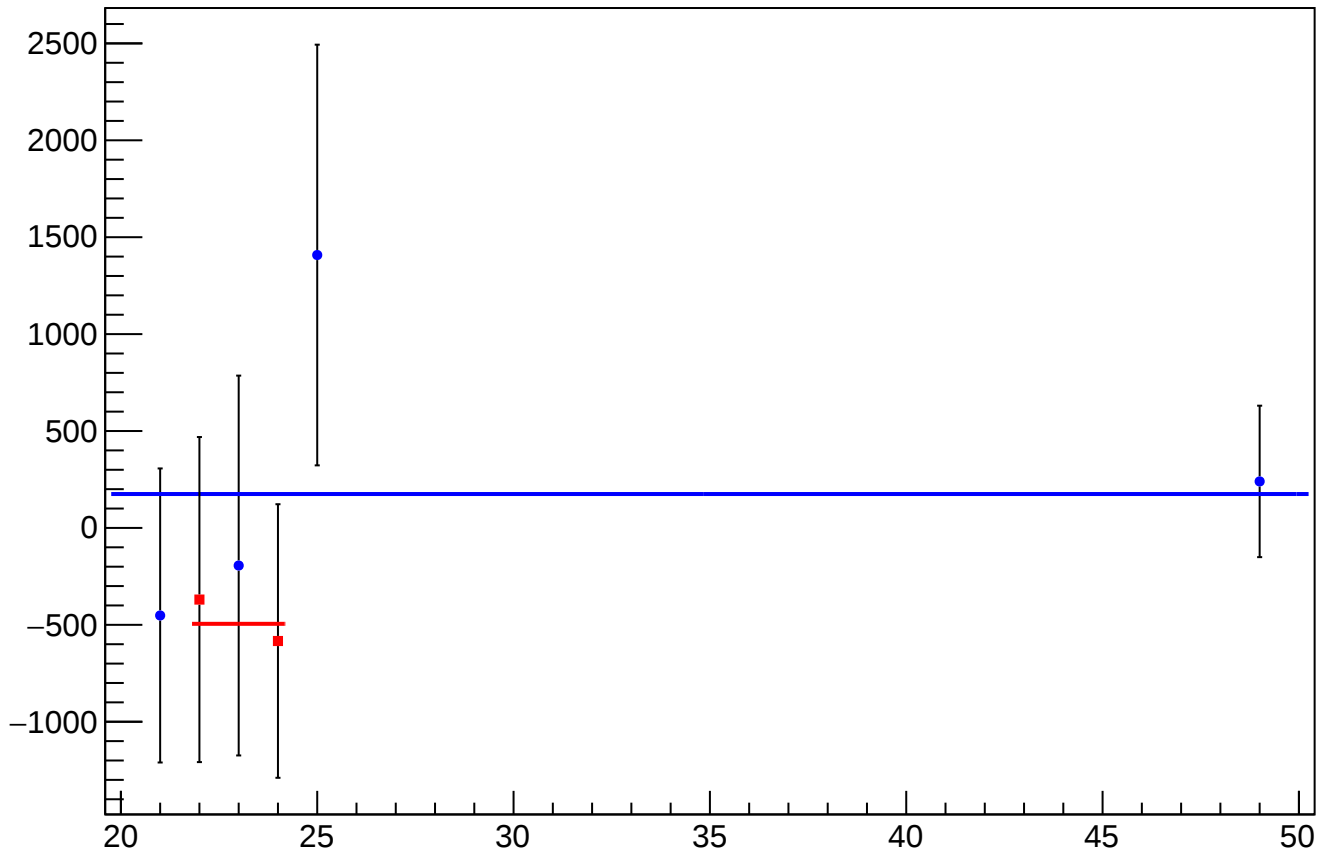
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

261.357 $\pm$ 0.100 χ^2 /NDF: 109277.0/5

Right Out: 268.598 $\pm$ 0.173 χ^2 /NDF: 435.7/1

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

asym_us_agg_dd_mean vs slug



Right In: 174.923 $\pm$ 313.446 χ^2/NDF : 2.1/3

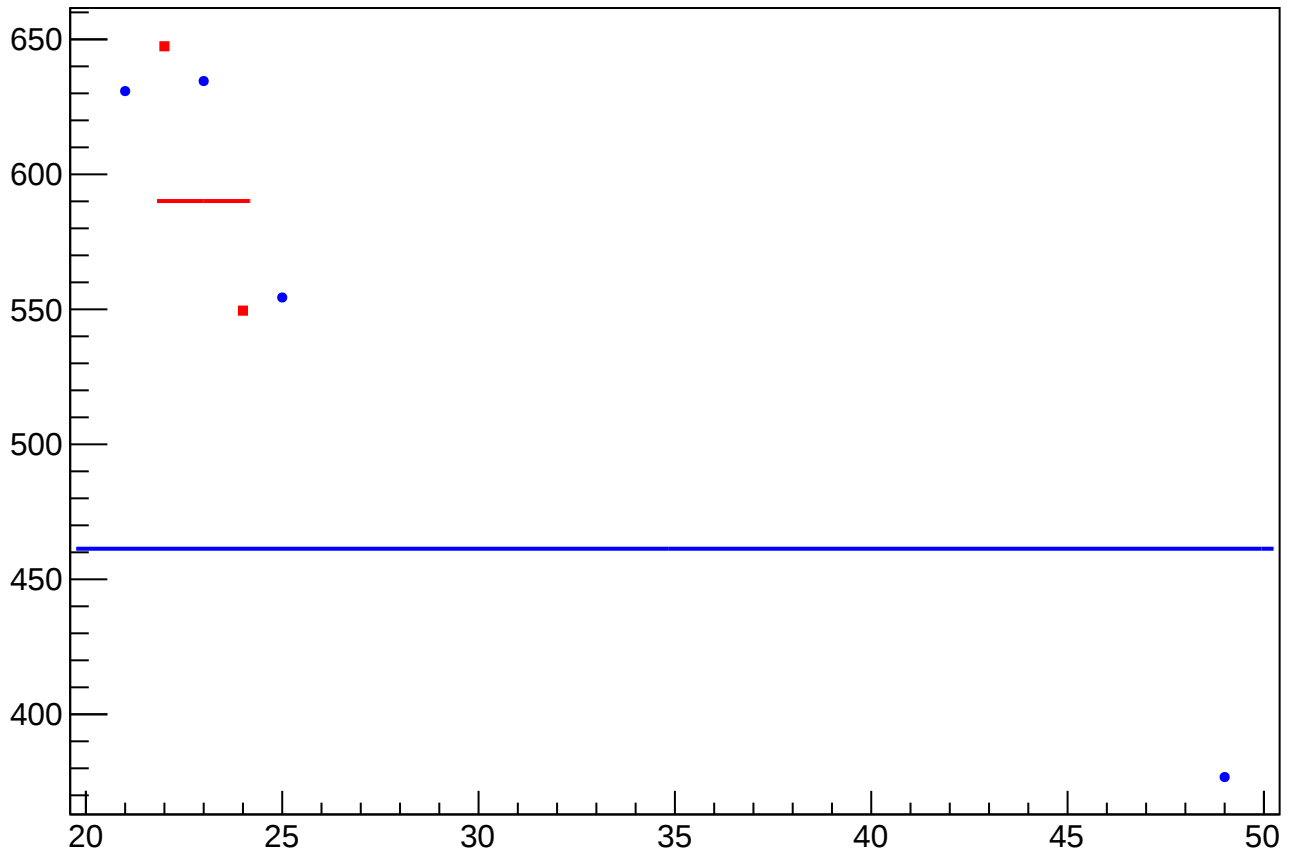
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

6.142 $\pm$ 271.087 χ^2/NDF : 3.3/5

Right Out: -494.810 $\pm$ 540.005 χ^2/NDF : 0.0/1

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

asym_us_agg_dd_rms vs slug



Right In: 461.332 $\pm$ 0.222 χ^2 /NDF: 270766.5/3

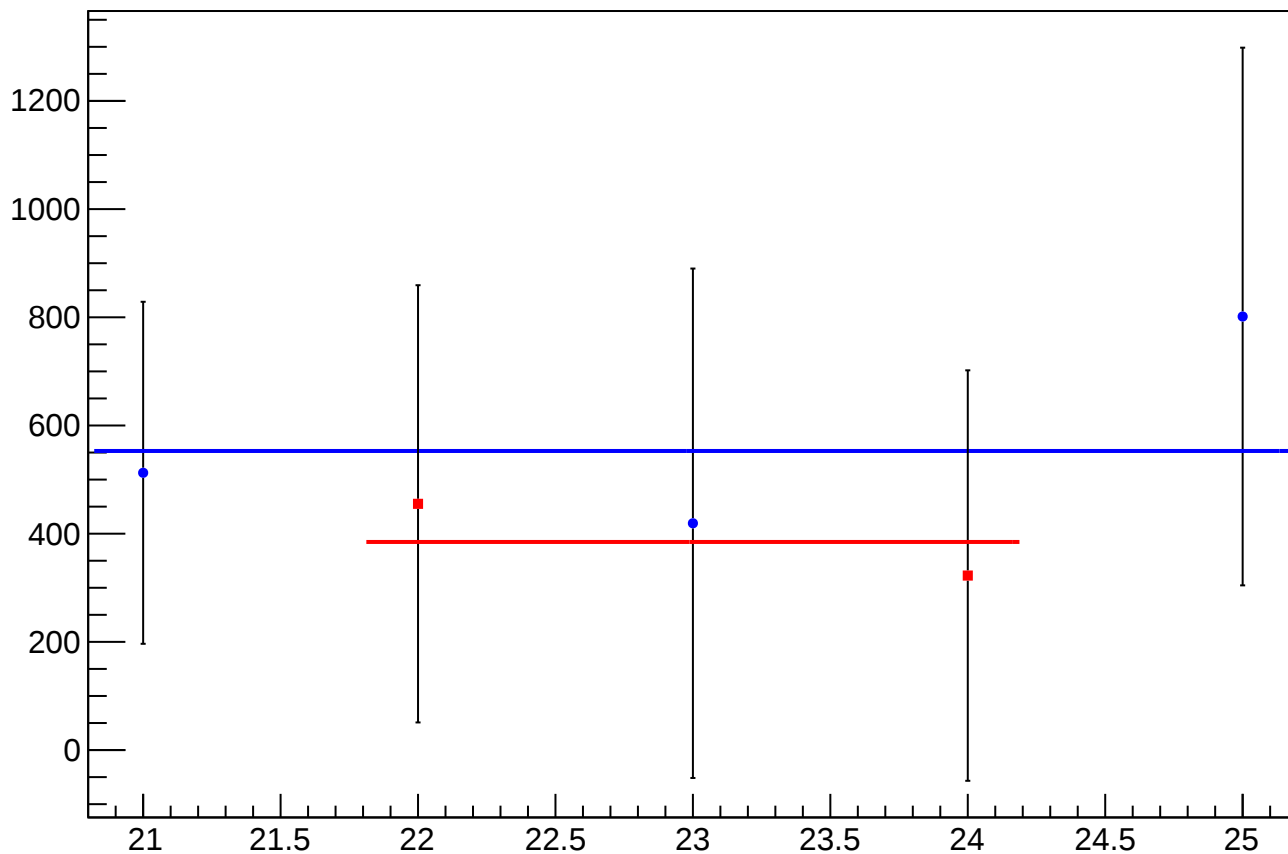
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

493.788 $\pm$ 0.192 χ^2 /NDF: 371819.1/5

Right Out: 590.121 $\pm$ 0.382 χ^2 /NDF: 15960.8/1

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

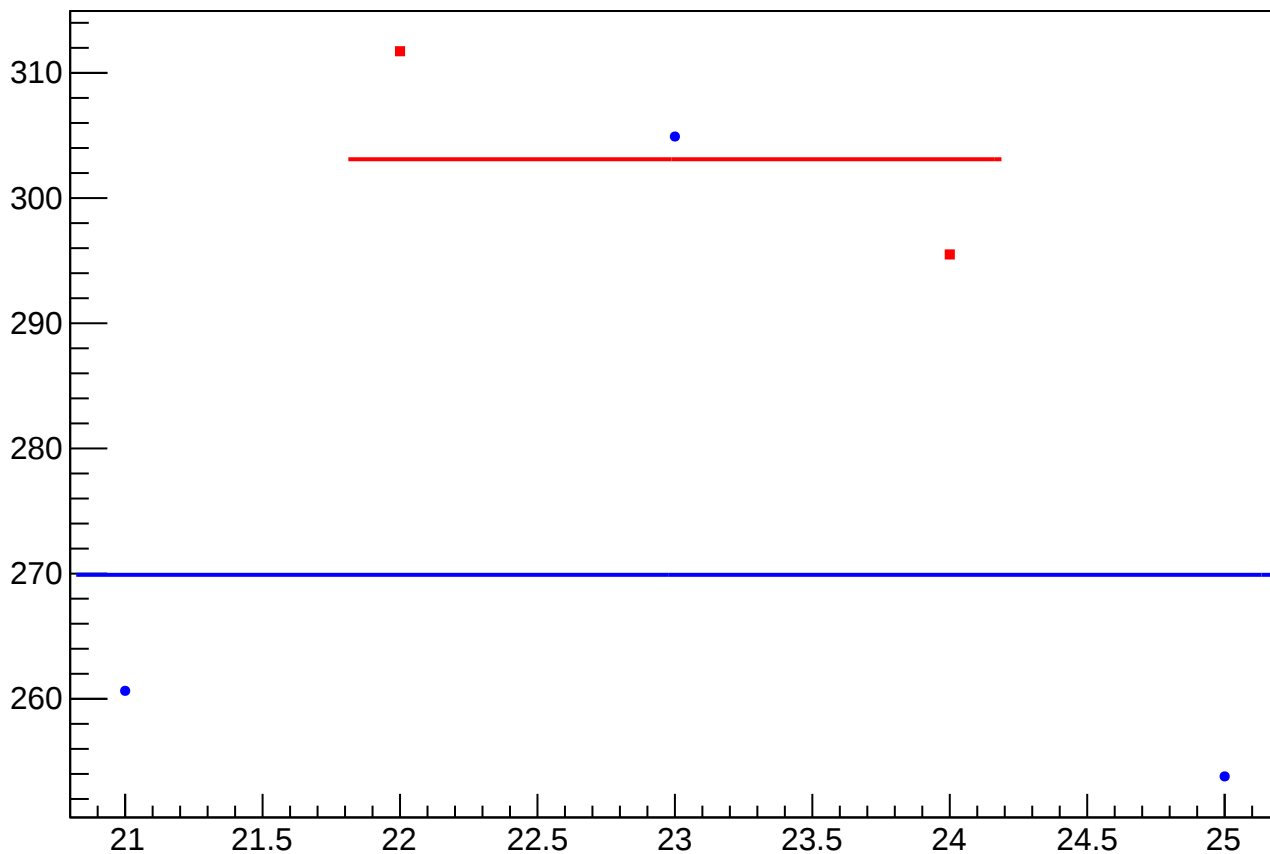
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

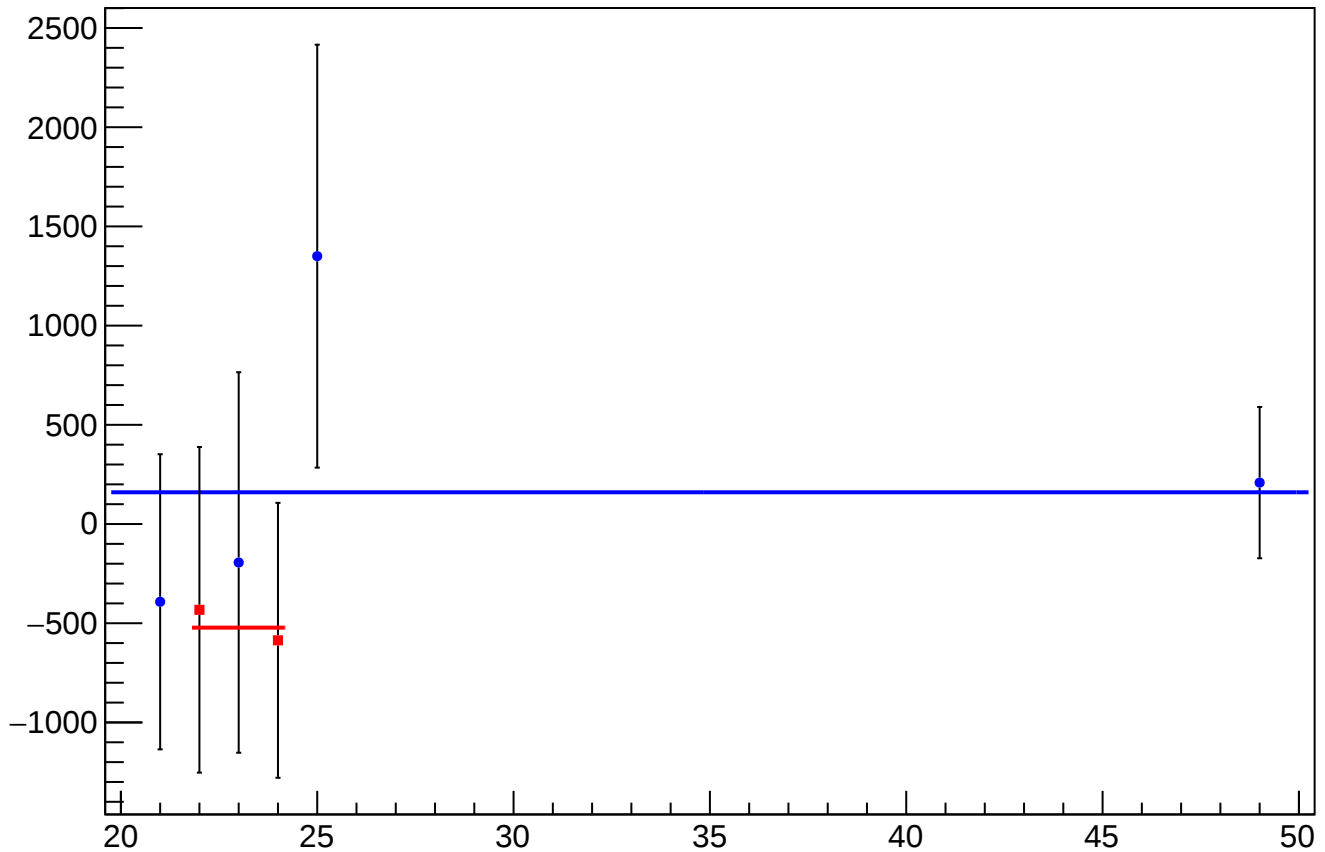
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 160.045+/-306.362 χ^2 /NDF: 2.0/3

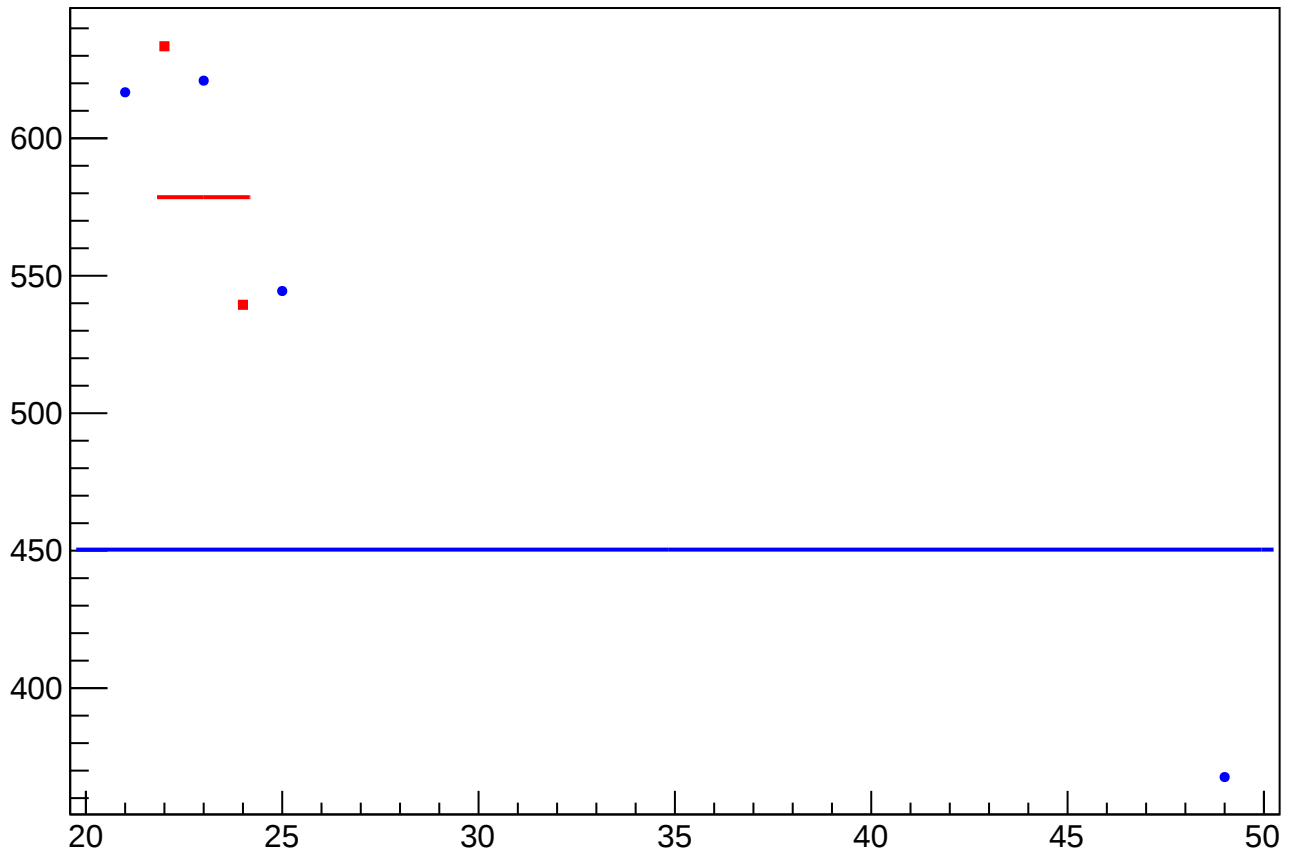
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -522.156+/-529.382 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-11.110+/-265.160 χ^2 /NDF: 3.2/5

asym_ds_agg_dd_rms vs slug



Right In: 450.386 $\pm$ 0.217 χ^2 /NDF: 273068.4/3

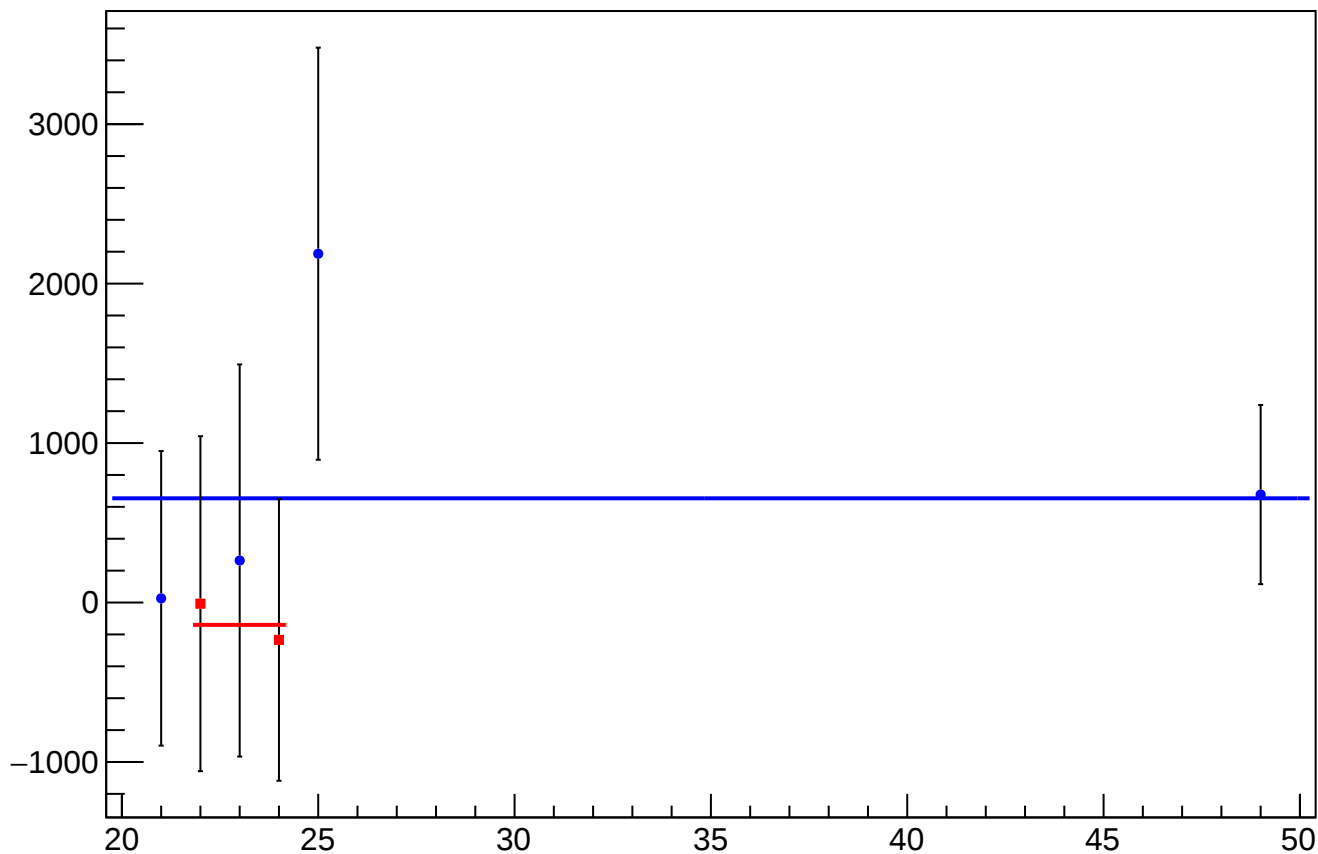
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

482.548 $\pm$ 0.187 χ^2 /NDF: 376256.3/5

Right Out: 578.580 $\pm$ 0.374 χ^2 /NDF: 15332.3/1

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

asym_left_agg_avg_mean vs slug



Right In: 653.551+/-422.571 χ^2/NDF : 2.0/3

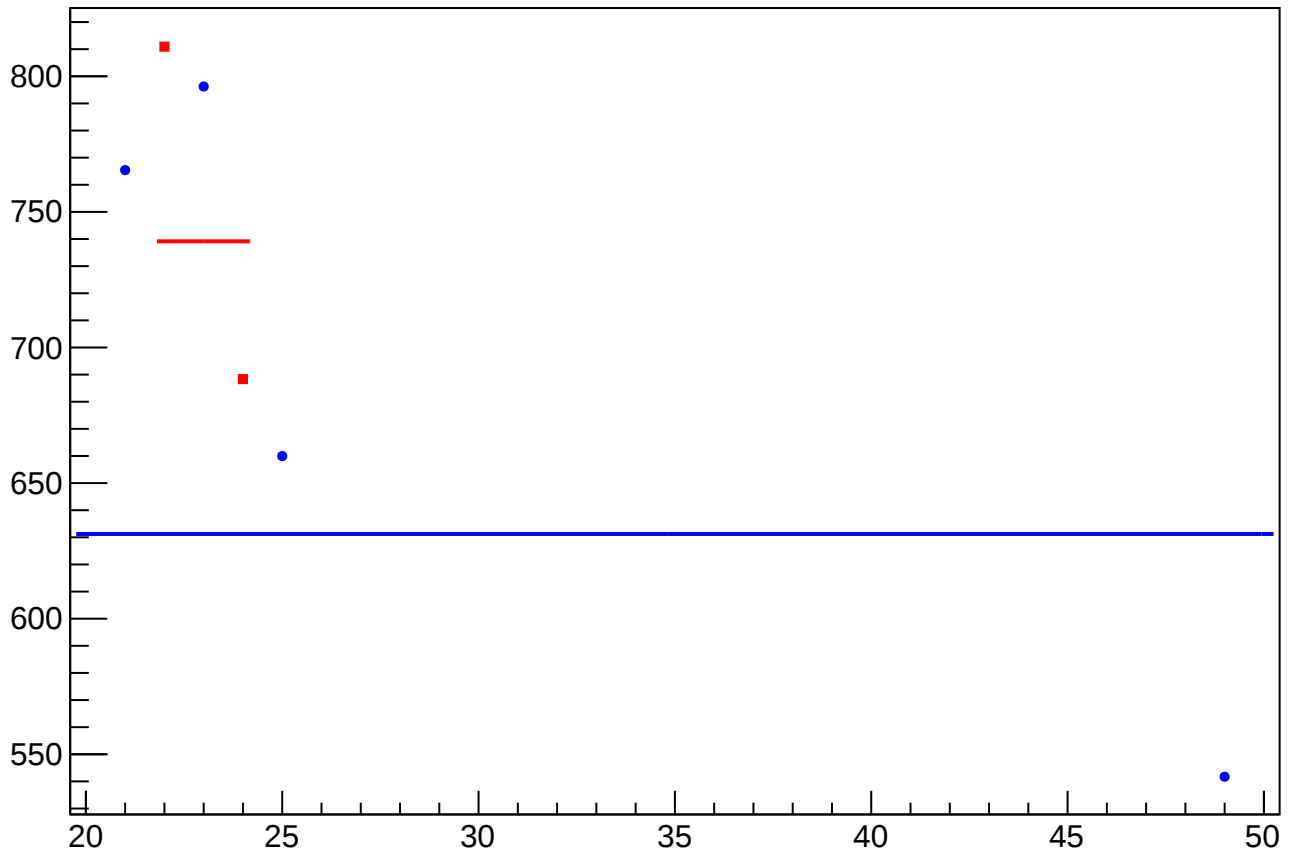
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -140.141+/-676.220 χ^2/NDF : 0.0/1

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

430.654+/-358.355 χ^2/NDF : 3.0/5

asym_left_agg_avg_rms vs slug



Right In: 631.236 $\pm$ 0.299 χ^2 /NDF: 129954.8/3

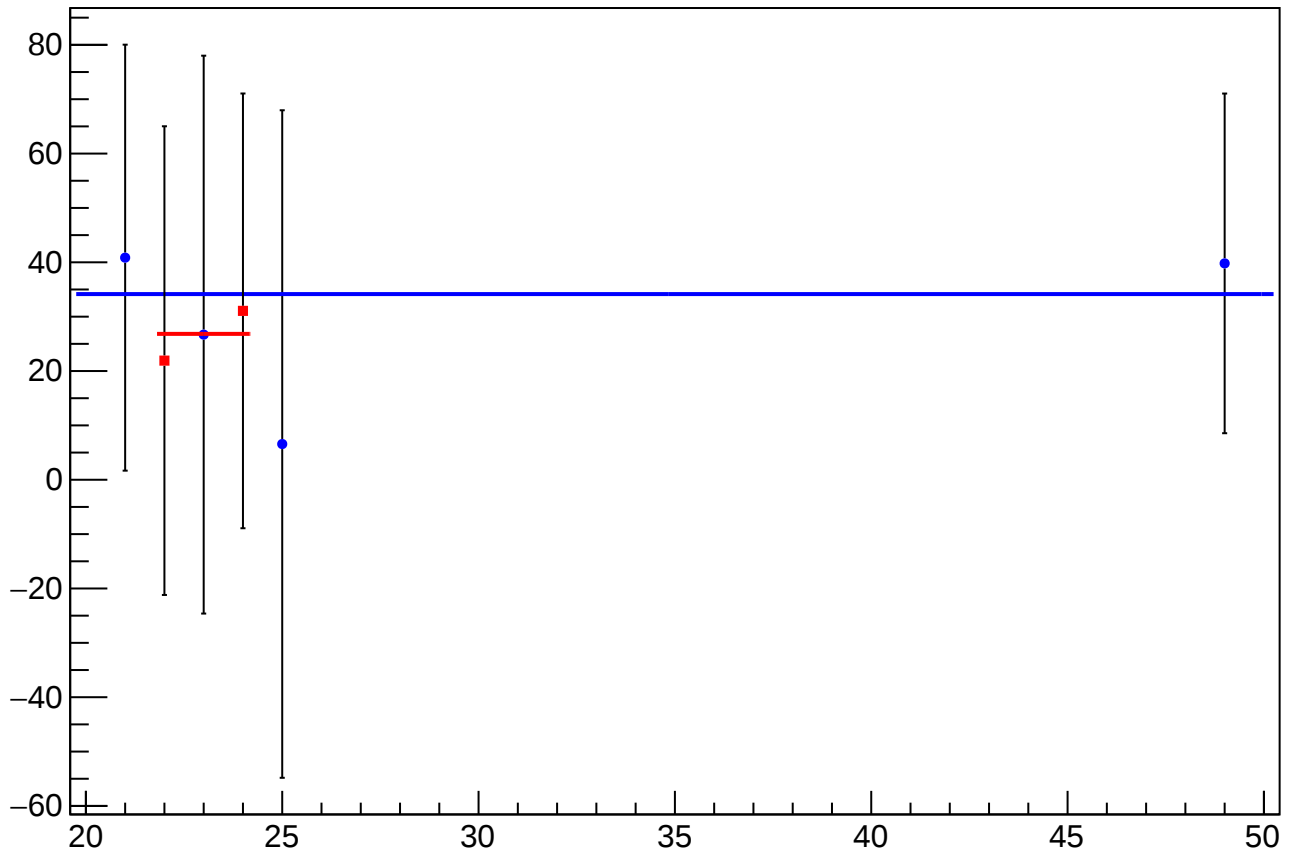
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

661.541 $\pm$ 0.253 χ^2 /NDF: 182532.4/5

Right Out: 739.145 $\pm$ 0.478 χ^2 /NDF: 15950.7/1

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

asym_left_agg_dd_mean vs slug



Right In: 34.155+/-20.756 χ^2/NDF : 0.3/3

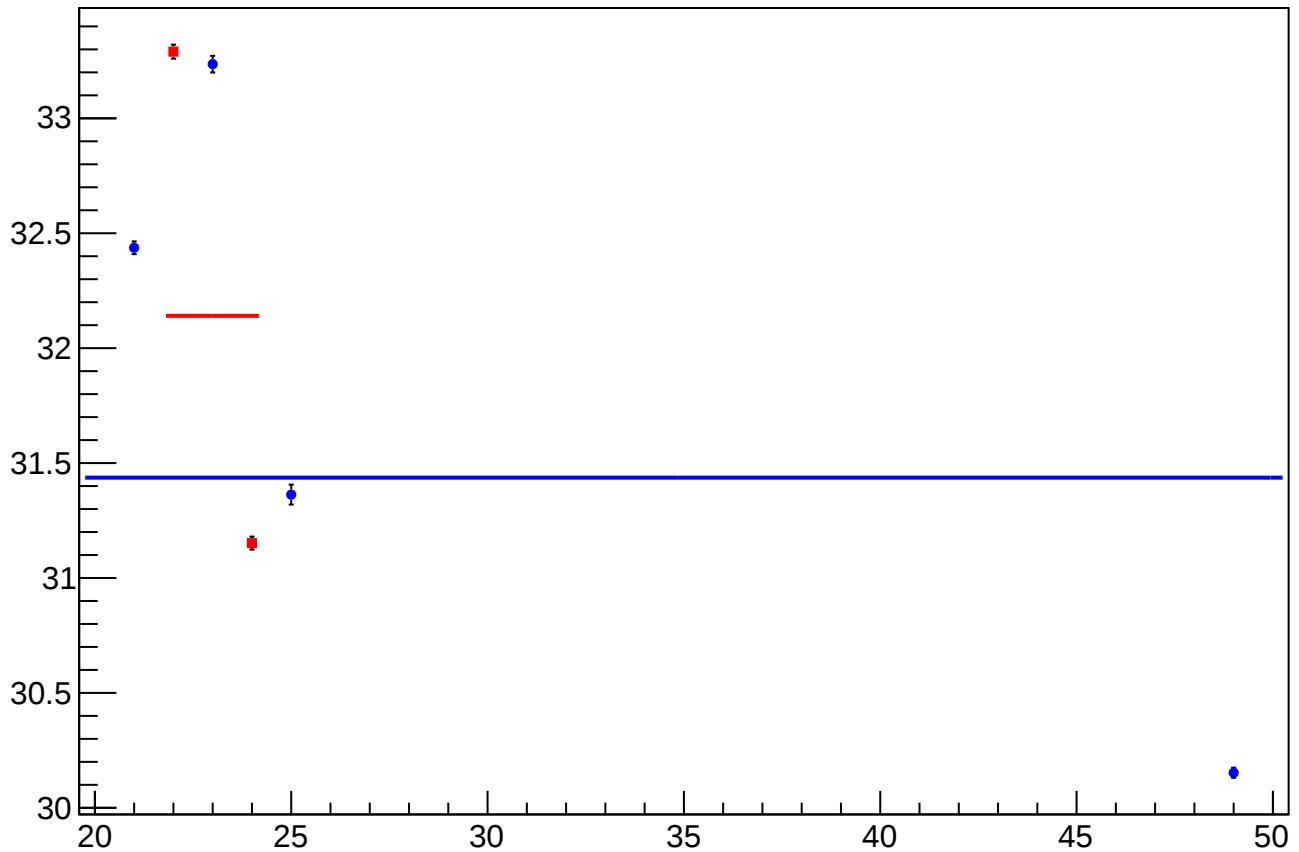
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.834+/-29.316 χ^2/NDF : 0.0/1

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

31.710+/-16.940 χ^2/NDF : 0.4/5

asym_left_agg_dd_rms vs slug



Right In: 31.437 $\pm$ 0.015 χ^2 /NDF: 7143.1/3

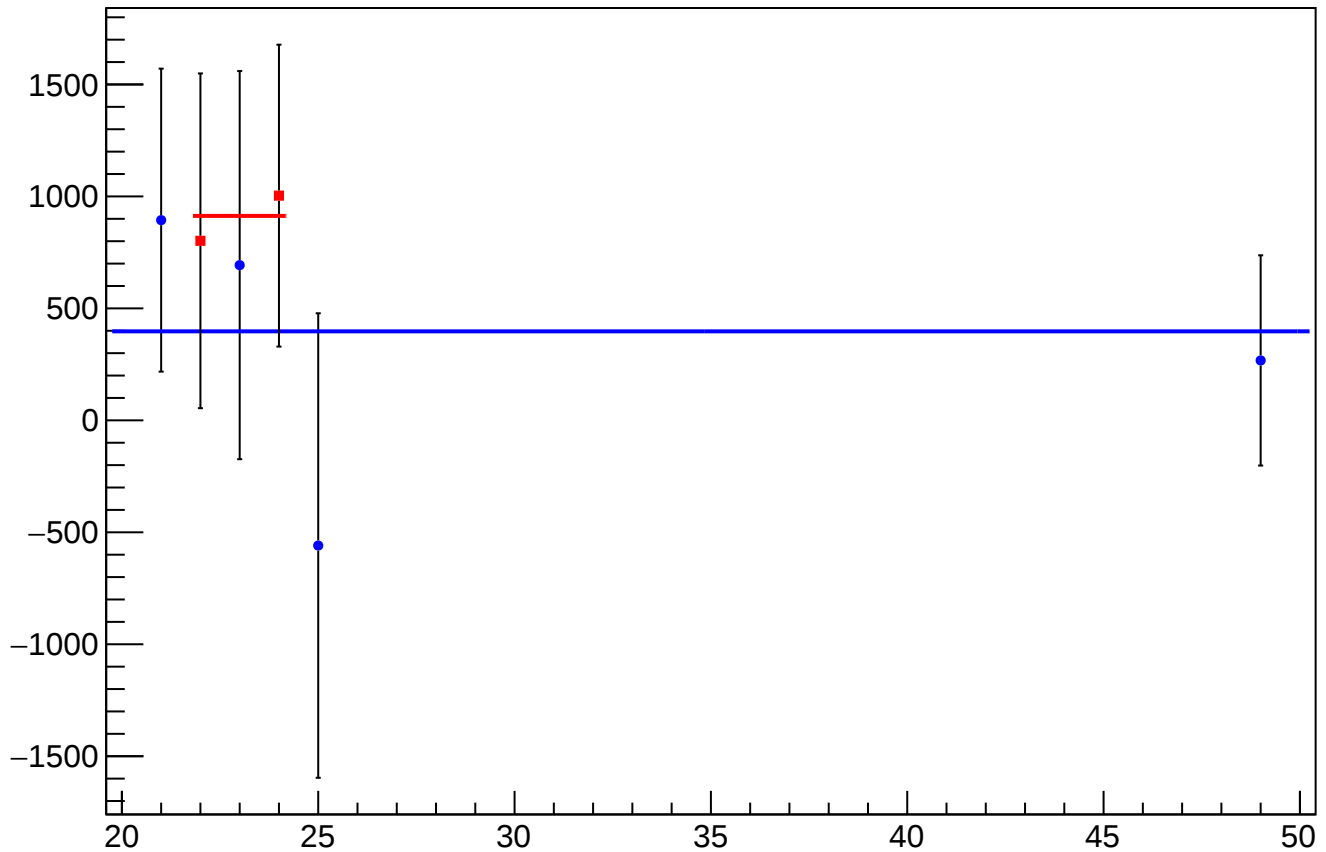
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.672 $\pm$ 0.012 χ^2 /NDF: 10556.5/5

Right Out: 32.141 $\pm$ 0.021 χ^2 /NDF: 2645.1/1

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

asym_right_agg_avg_mean vs slug



Right In: 397.456+/-333.671 χ^2 /NDF: 1.6/3

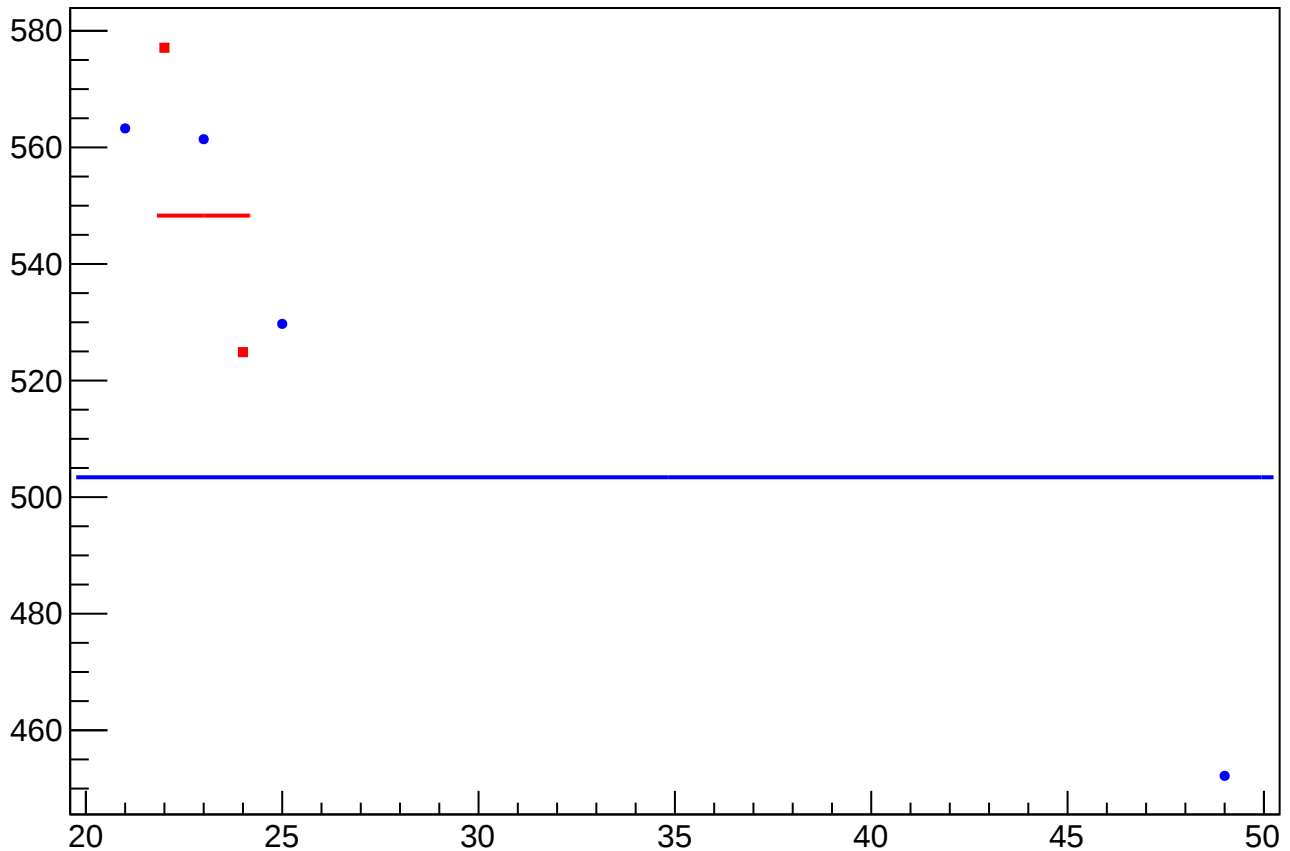
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

556.043+/-277.652 χ^2 /NDF: 2.4/5

Right Out: 913.038+/-500.628 χ^2 /NDF: 0.0/1

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

asym_right_agg_avg_rms vs slug



Right In: 503.406 $\pm$ 0.236 χ^2 /NDF: 49709.1/3

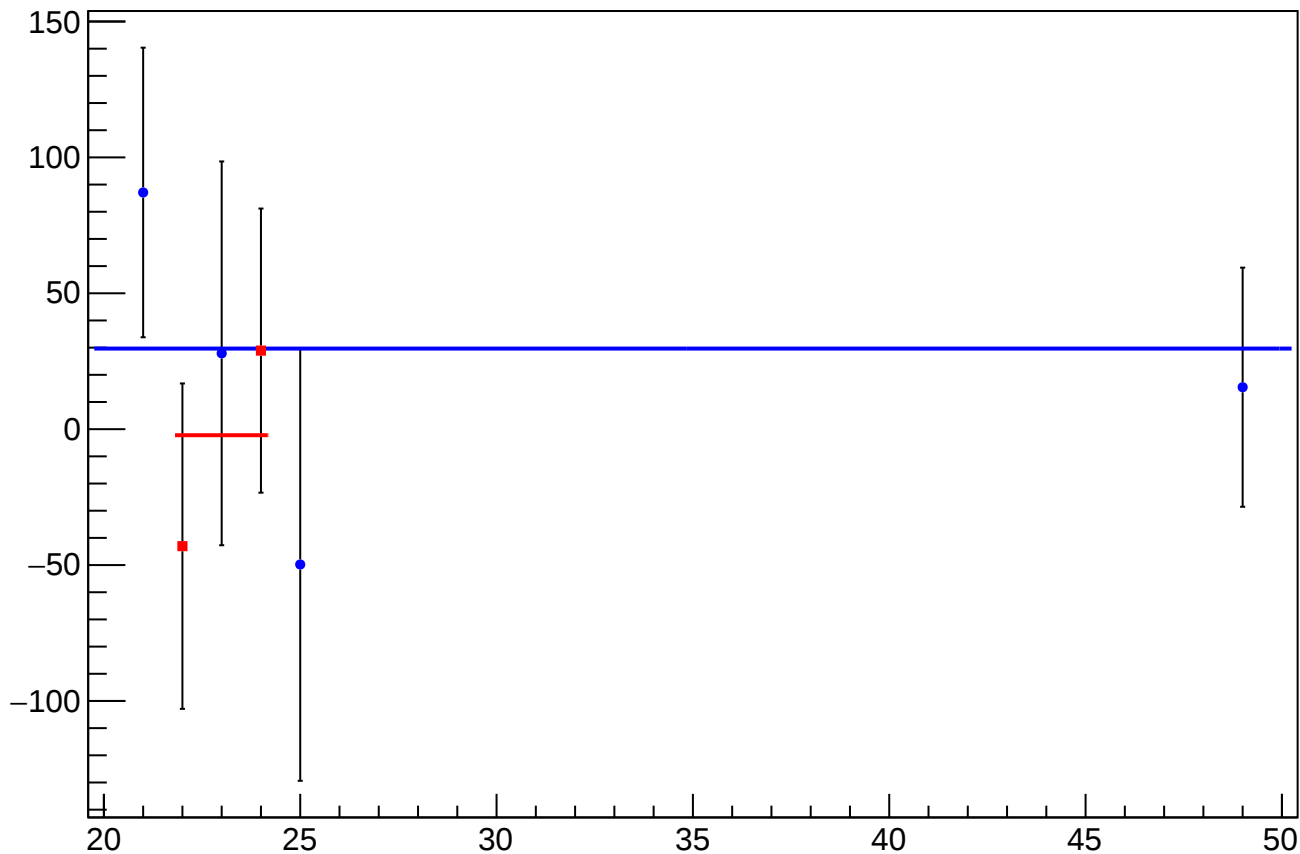
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 548.301 $\pm$ 0.354 χ^2 /NDF: 5382.5/1

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

517.215 $\pm$ 0.196 χ^2 /NDF: 66228.2/5

asym_right_agg_dd_mean vs slug



Right In: 29.657+/-28.543 χ^2/NDF : 2.3/3

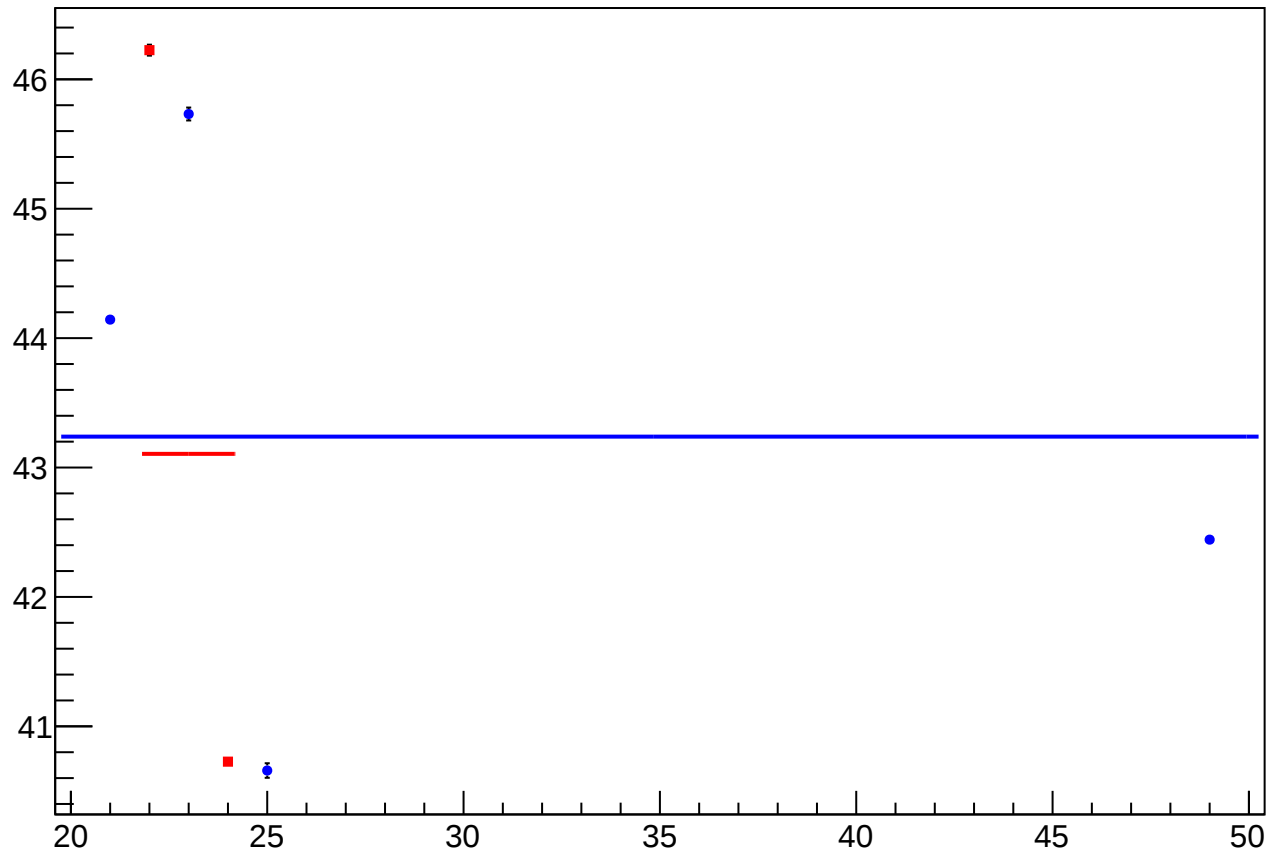
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.218+/-39.375 χ^2/NDF : 0.8/1

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

18.677+/-23.110 χ^2/NDF : 3.5/5

asym_right_agg_dd_rms vs slug



Right In: 43.239 $\pm$ 0.020 χ^2 /NDF: 5826.6/3

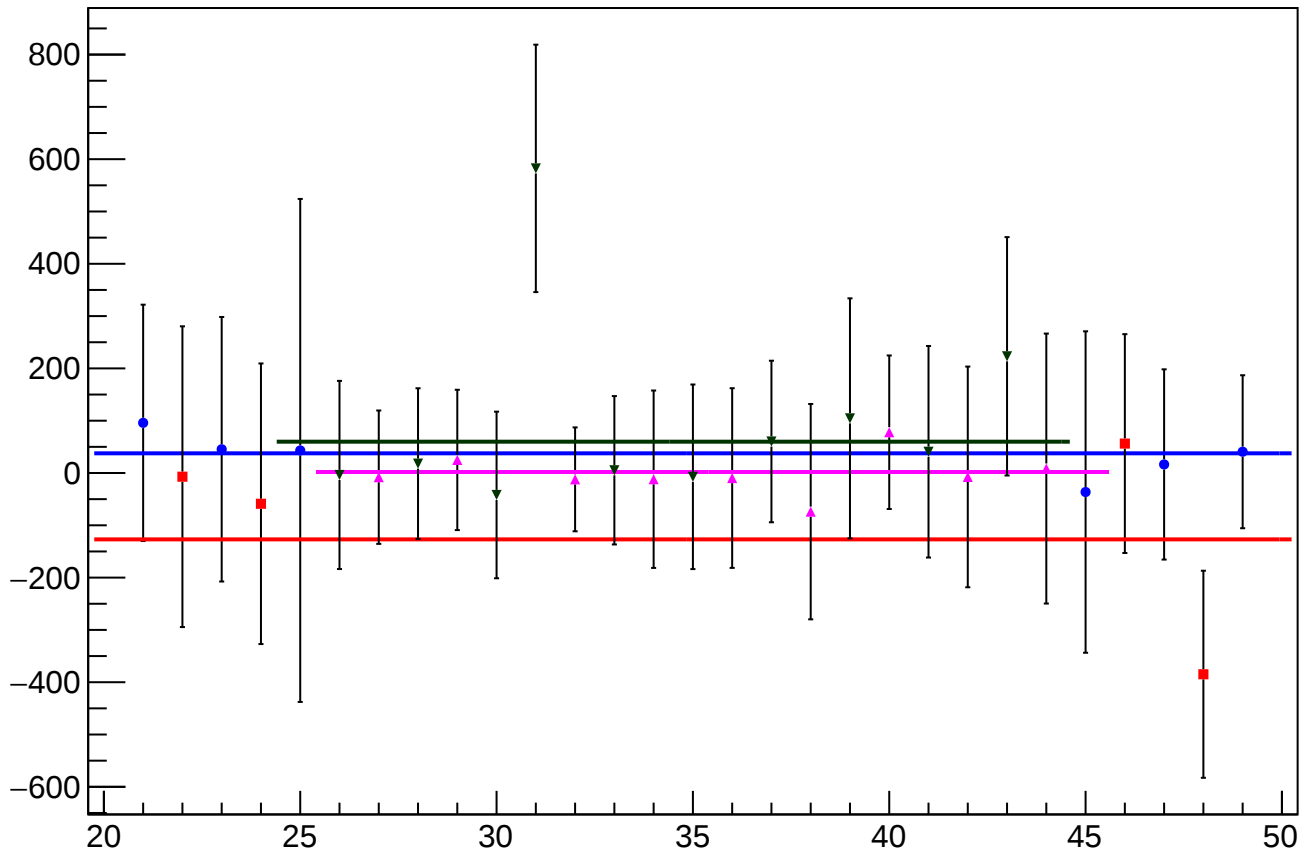
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

43.193 $\pm$ 0.016 χ^2 /NDF: 15414.6/5

Right Out: 43.106 $\pm$ 0.028 χ^2 /NDF: 9573.0/1

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 37.639+/-88.687 χ^2/NDF : 0.1/5

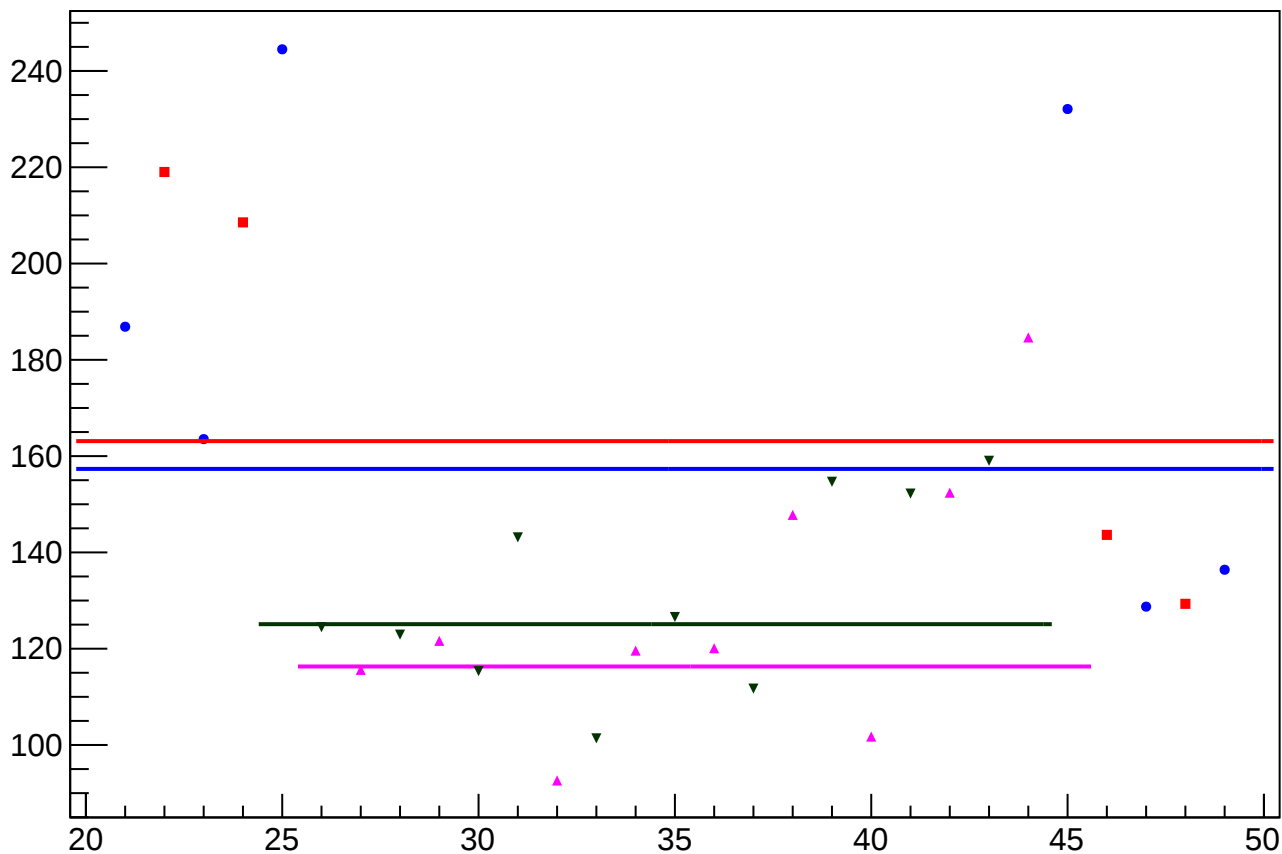
Left Out: 59.870+/-55.655 χ^2/NDF : 6.4/9

16.795+/-32.987 χ^2/NDF : 11.9/28

Right Out: -126.907+/-115.956 χ^2/NDF : 2.7/3

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: 157.342 $\pm$ 0.063 χ^2 /NDF: 309957.0/5

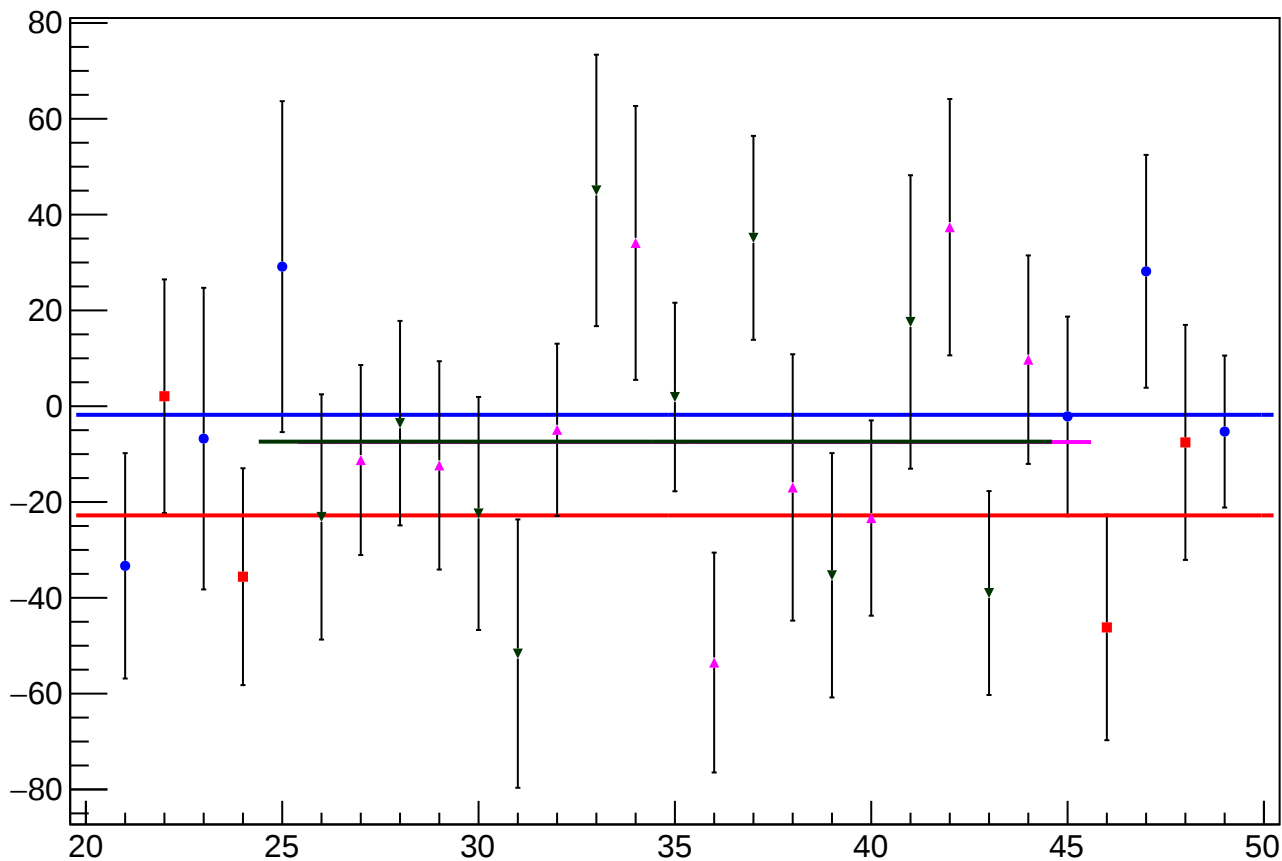
Left Out: 125.094 $\pm$ 0.039 χ^2 /NDF: 204235.7/9

Right Out: 163.118 $\pm$ 0.082 χ^2 /NDF: 208628.1/3

Left In: 116.306 $\pm$ 0.036 χ^2 /NDF: 383847.2/8

128.859 $\pm$ 0.023 χ^2 /NDF: 1621053.0/28

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.794 ± 9.275 χ^2/NDF : 4.2/5

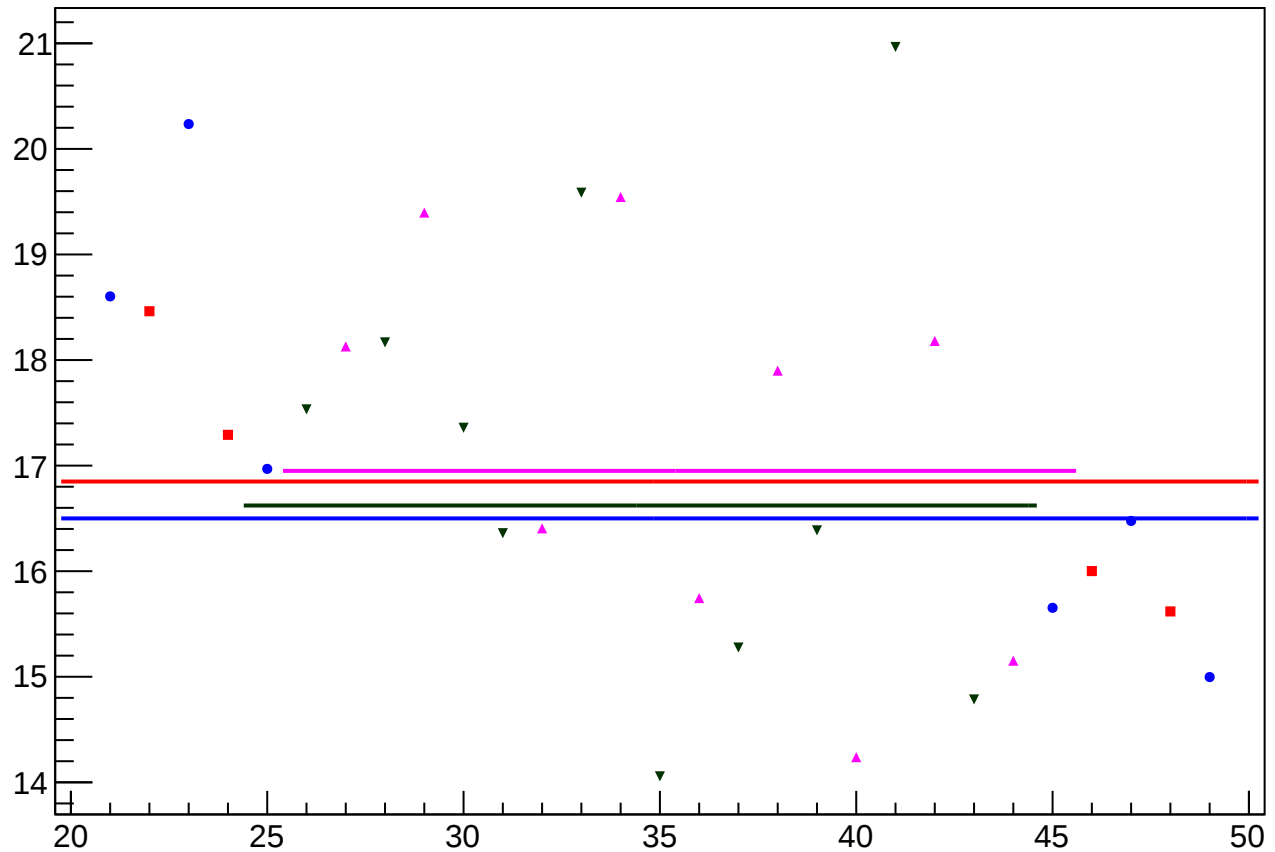
Left Out: -7.396 ± 7.553 χ^2/NDF : 15.0/9

Right Out: -22.792 ± 11.870 χ^2/NDF : 2.7/3

Left In: -7.478 ± 7.436 χ^2/NDF : 10.4/8

-8.236 ± 4.290 χ^2/NDF : 34.3/28

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.500+/-0.007 χ^2/NDF : 65772.5/5

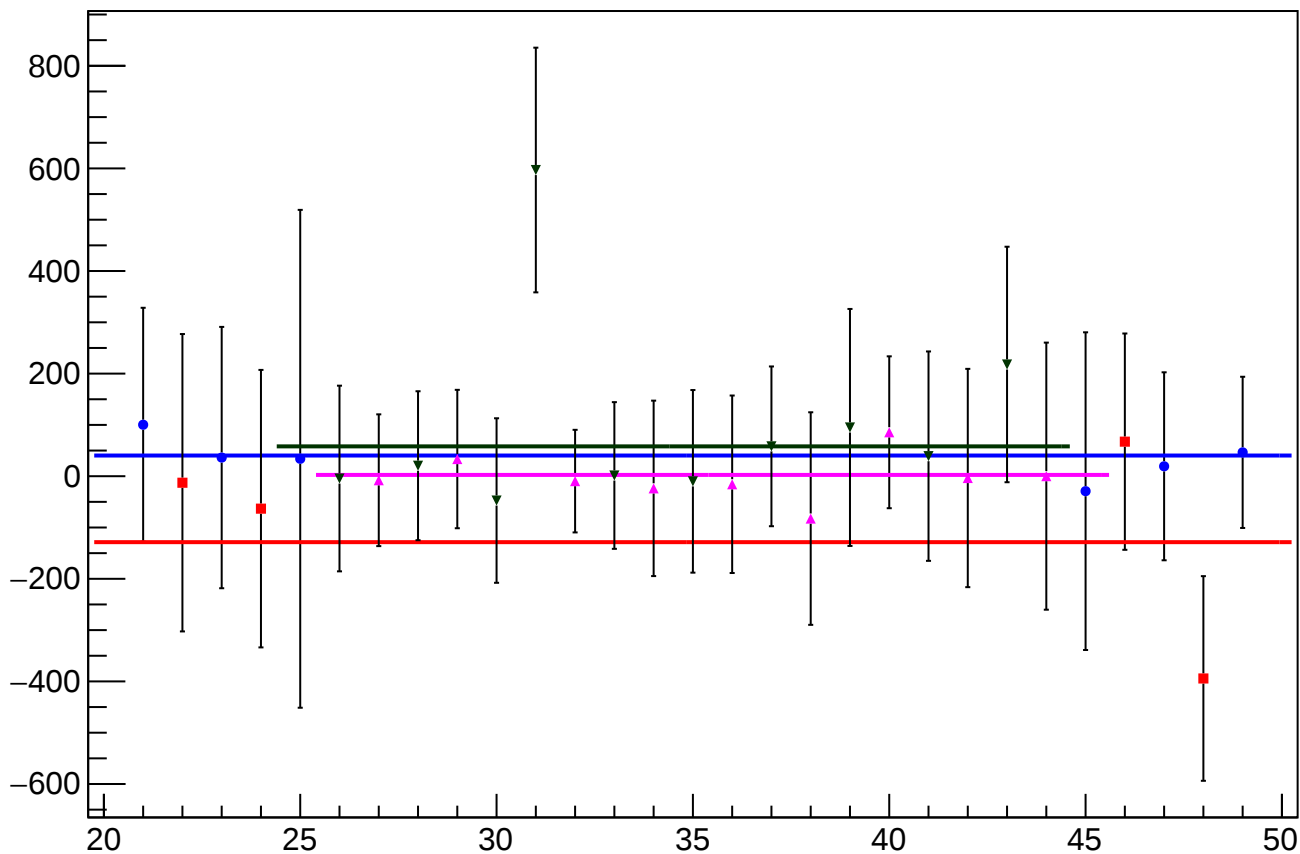
Left Out: 16.622+/-0.005 χ^2/NDF : 134157.6/9

Right Out: 16.849+/-0.008 χ^2/NDF : 17139.4/3

Left In: 16.950+/-0.005 χ^2/NDF : 111827.8/8

16.735+/-0.003 χ^2/NDF : 332488.3/28

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 40.313+/-89.386 χ^2/NDF : 0.1/5

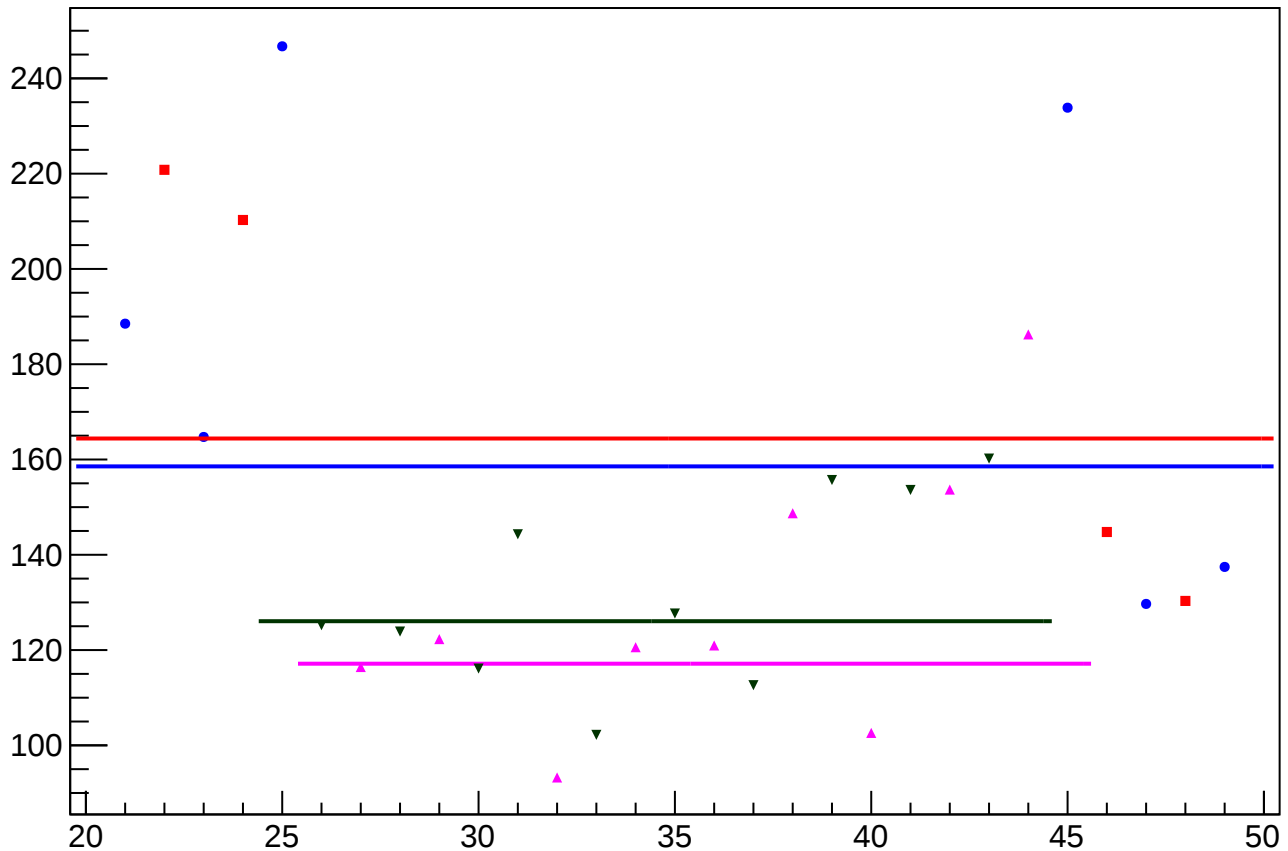
Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

16.681+/-33.236 χ^2/NDF : 12.4/28

Right Out: -128.560+/-116.877 χ^2/NDF : 2.9/3

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: 158.554 $\pm$ 0.063 χ^2 /NDF: 310658.5/5

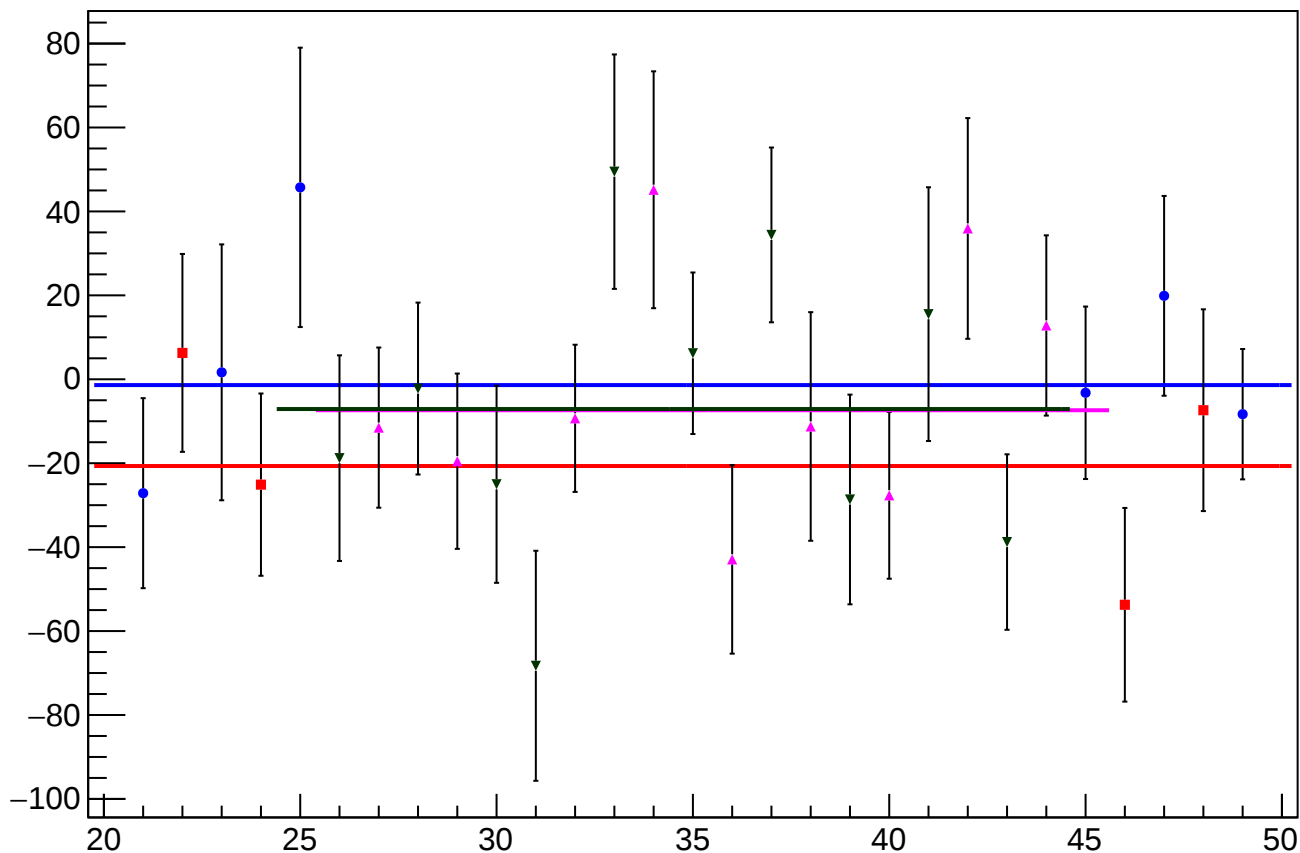
Left Out: 126.059 $\pm$ 0.040 χ^2 /NDF: 204192.9/9

Right Out: 164.406 $\pm$ 0.083 χ^2 /NDF: 209005.8/3

Left In: 117.138 $\pm$ 0.036 χ^2 /NDF: 384599.1/8

129.819 $\pm$ 0.024 χ^2 /NDF: 1624400.6/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -1.383 ± 9.052 $\chi^2/\text{NDF}: 4.3/5$

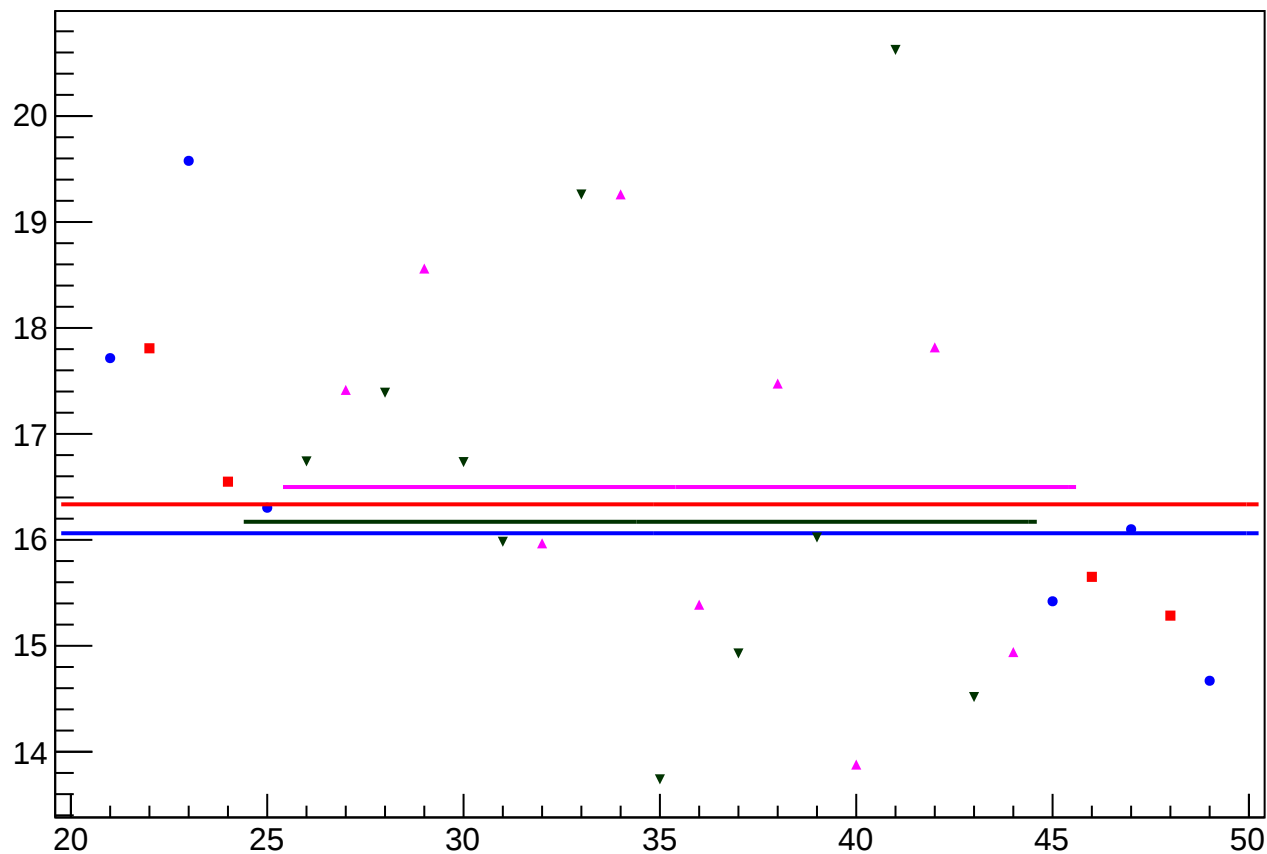
Left Out: -7.091 ± 7.359 $\chi^2/\text{NDF}: 18.0/9$

Right Out: -20.670 ± 11.526 $\chi^2/\text{NDF}: 3.7/3$

Left In: -7.378 ± 7.251 $\chi^2/\text{NDF}: 11.0/8$

-7.755 ± 4.181 $\chi^2/\text{NDF}: 38.8/28$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 16.062 $\pm$ 0.006 χ^2 /NDF: 55365.5/5

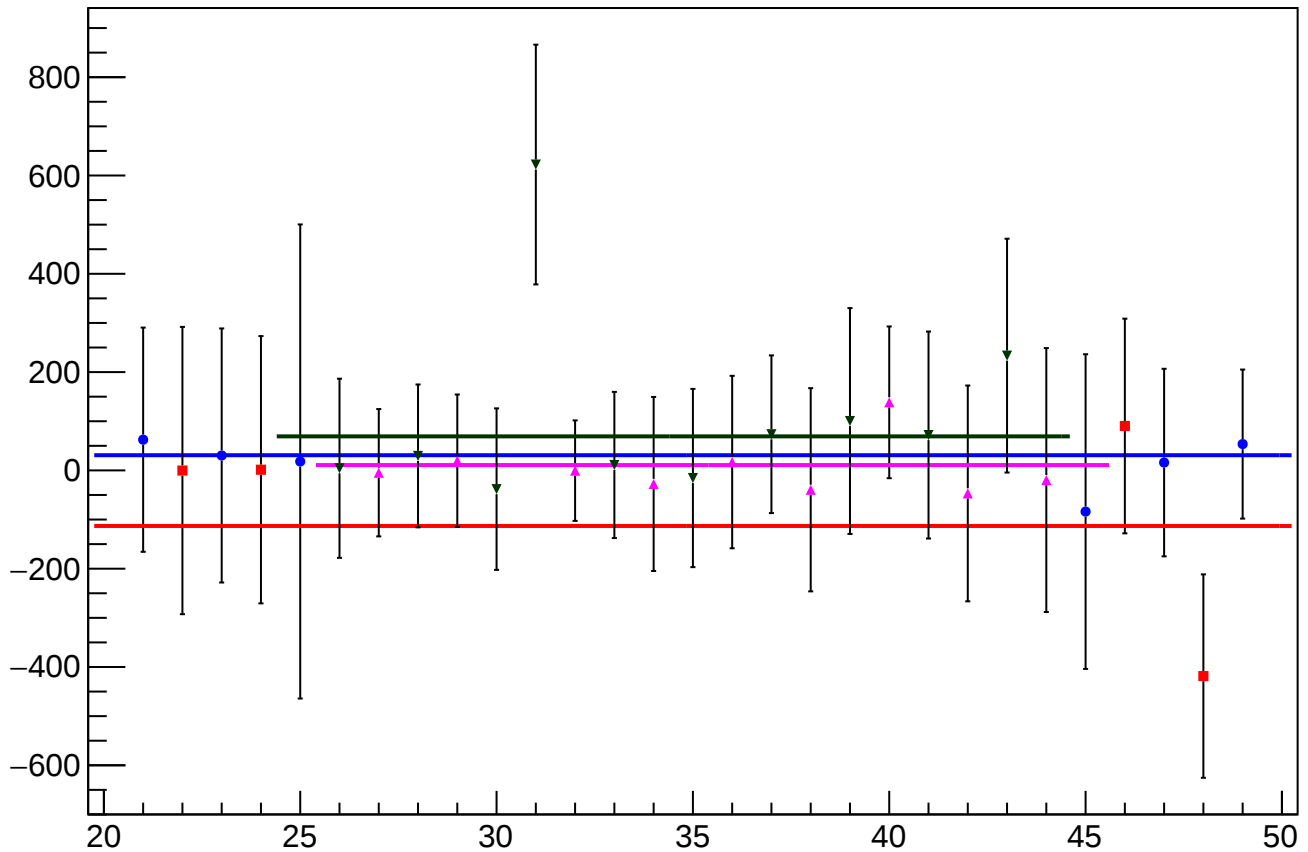
Left Out: 16.171 $\pm$ 0.005 χ^2 /NDF:128877.5/9

Right Out: 16.335 $\pm$ 0.008 χ^2 /NDF: 13575.8/3

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF:102844.5/8

16.278 $\pm$ 0.003 χ^2 /NDF: 304125.5/28

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 30.880+/-91.586 χ^2/NDF : 0.2/5

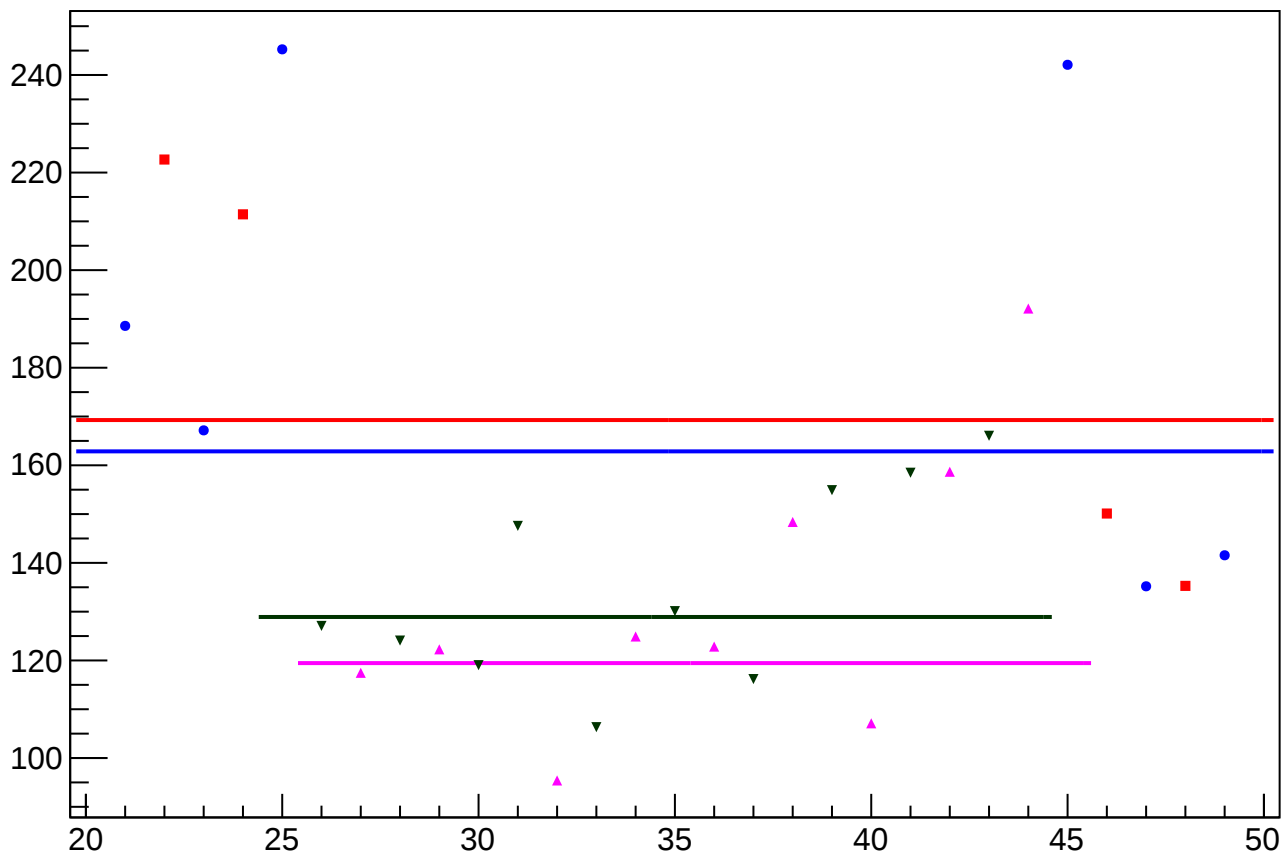
Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

24.170+/-33.934 χ^2/NDF : 13.1/28

Right Out: -113.049+/-119.904 χ^2/NDF : 3.4/3

Left In: 10.837+/-51.660 χ^2/NDF : 0.9/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.856+/-0.065 χ^2/NDF : 288367.9/5

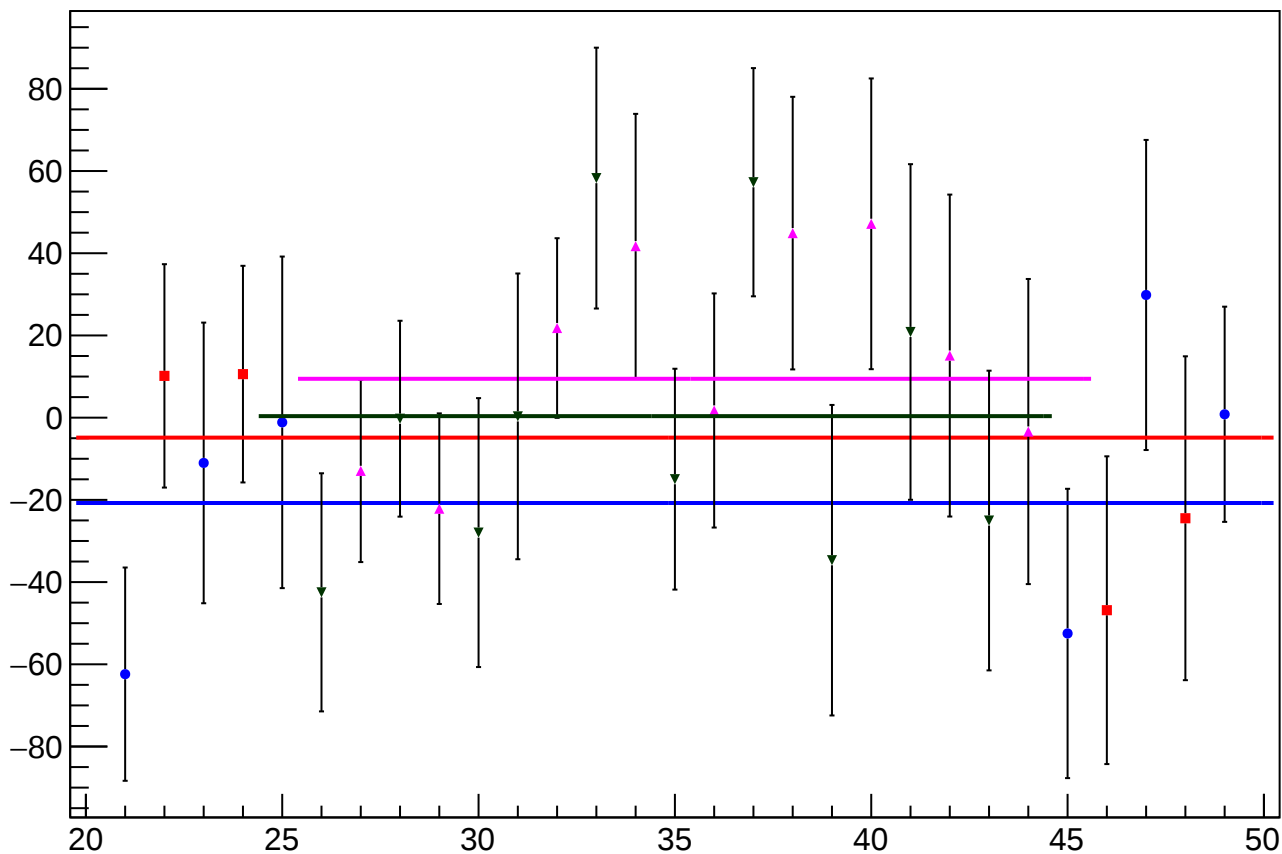
Left Out: 128.912+/-0.040 χ^2/NDF : 193953.6/9

Right Out: 169.274+/-0.085 χ^2/NDF : 184202.8/3

Left In: 119.459+/-0.037 χ^2/NDF : 376971.9/8

132.726+/-0.024 χ^2/NDF : 1586550.3/28

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -20.759 ± 12.987 $\chi^2/\text{NDF}: 6.2/5$

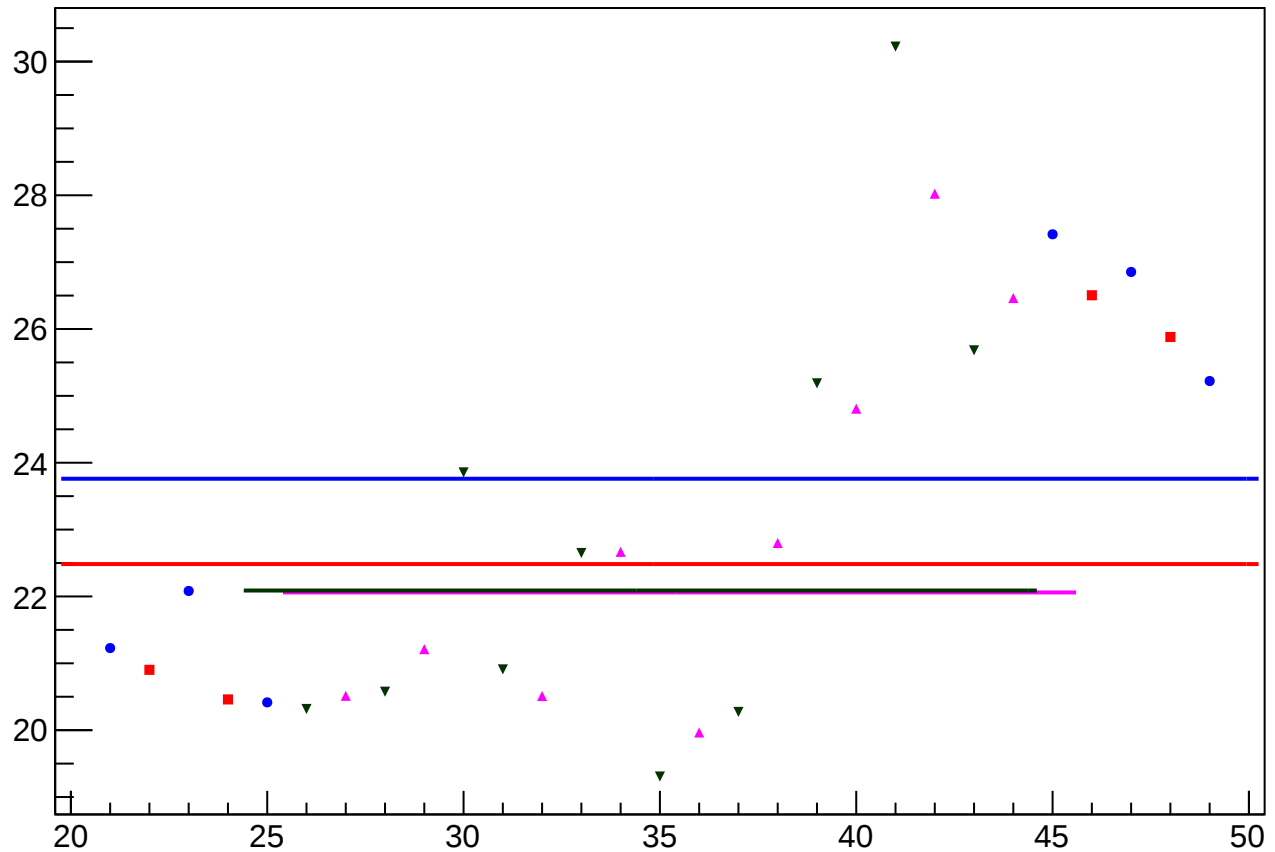
Left Out: 0.371 ± 9.784 $\chi^2/\text{NDF}: 12.4/9$

Right Out: -4.857 ± 15.518 $\chi^2/\text{NDF}: 2.2/3$

Left In: 9.455 ± 9.419 $\chi^2/\text{NDF}: 6.7/8$

-1.031 ± 5.608 $\chi^2/\text{NDF}: 31.1/28$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.760 ± 0.009 χ^2/NDF : 78916.9/5

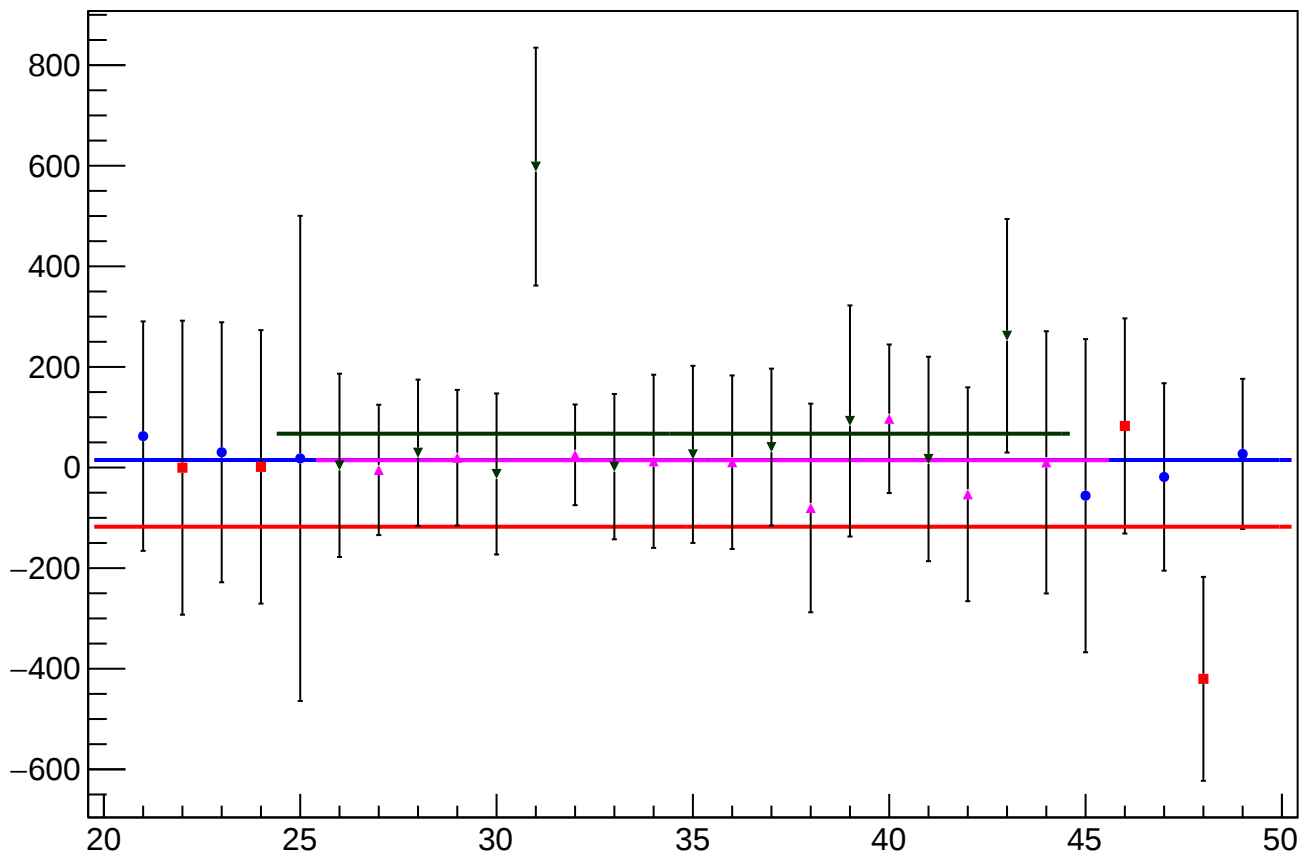
Left Out: 22.089 ± 0.007 χ^2/NDF : 166634.7/9

Right Out: 22.484 ± 0.011 χ^2/NDF : 56519.1/3

Left In: 22.060 ± 0.007 χ^2/NDF : 121596.3/8

22.442 ± 0.004 χ^2/NDF : 450199.0/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 14.971+/-90.347 χ^2/NDF : 0.1/5

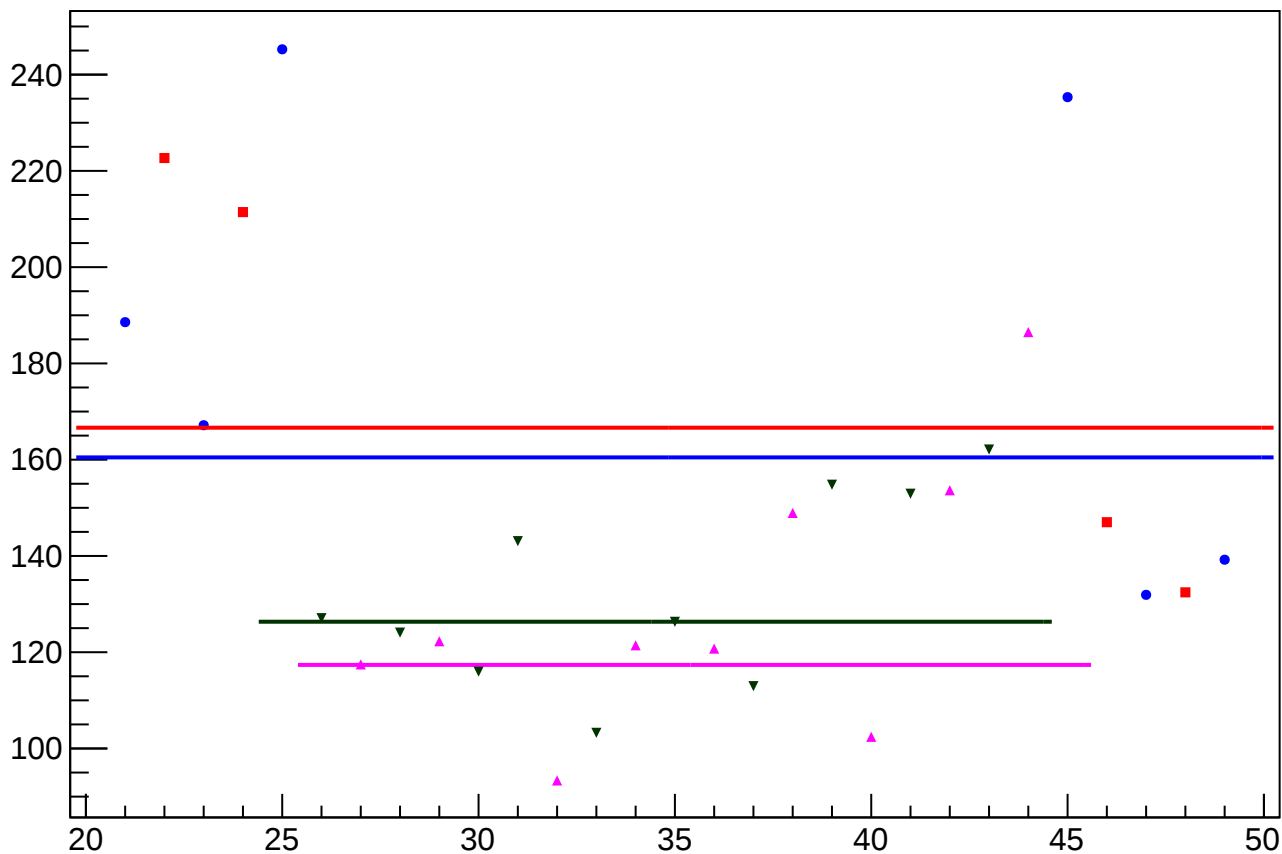
Left Out: 67.277+/-56.136 χ^2/NDF : 6.5/9

22.719+/-33.351 χ^2/NDF : 12.9/28

Right Out: -117.636+/-118.321 χ^2/NDF : 3.5/3

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: 160.476+/-0.064 χ^2/NDF : 296624.4/5

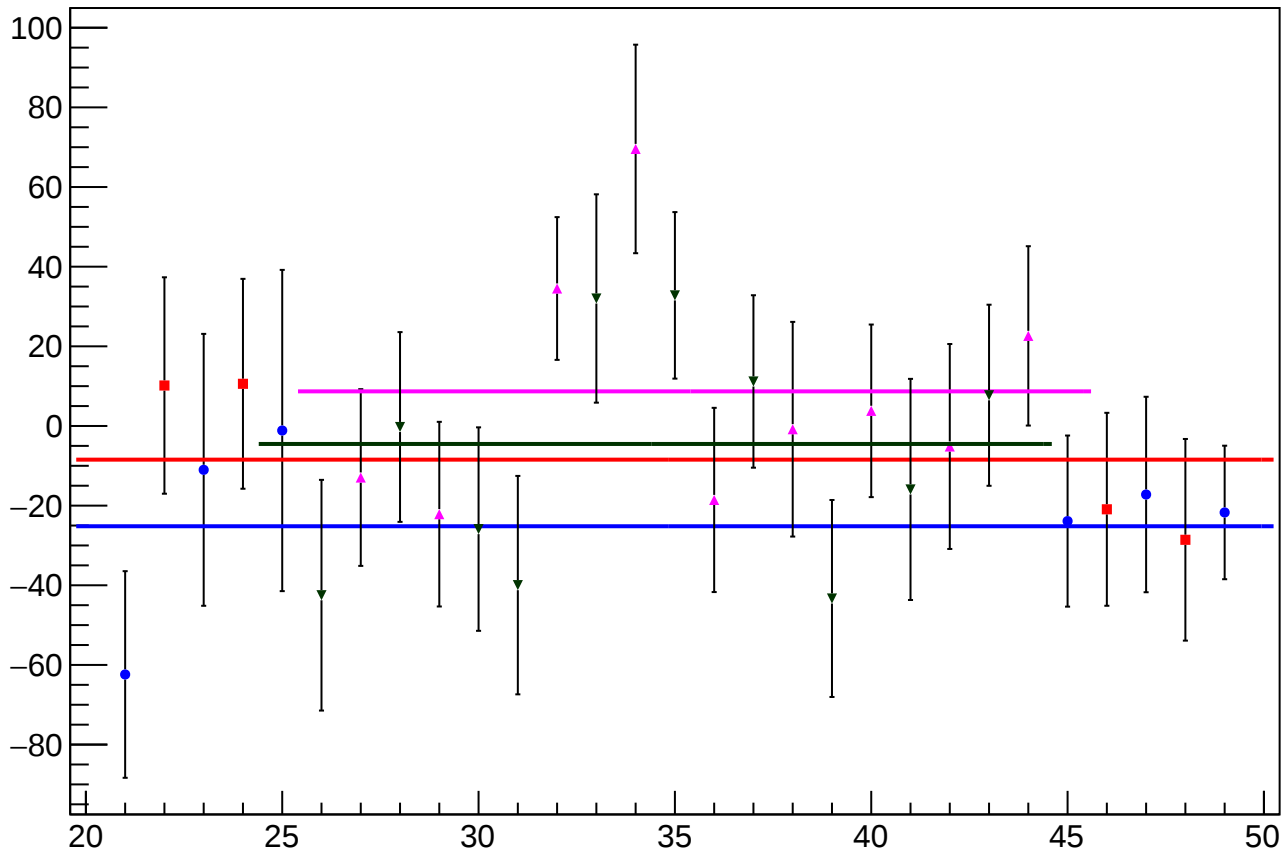
Left Out: 126.336+/-0.040 χ^2/NDF : 197187.1/9

Right Out: 166.648+/-0.084 χ^2/NDF : 201579.0/3

Left In: 117.366+/-0.036 χ^2/NDF : 385423.8/8

130.322+/-0.024 χ^2/NDF : 1632371.6/28

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -25.178+/-9.832 χ^2/NDF : 2.7/5

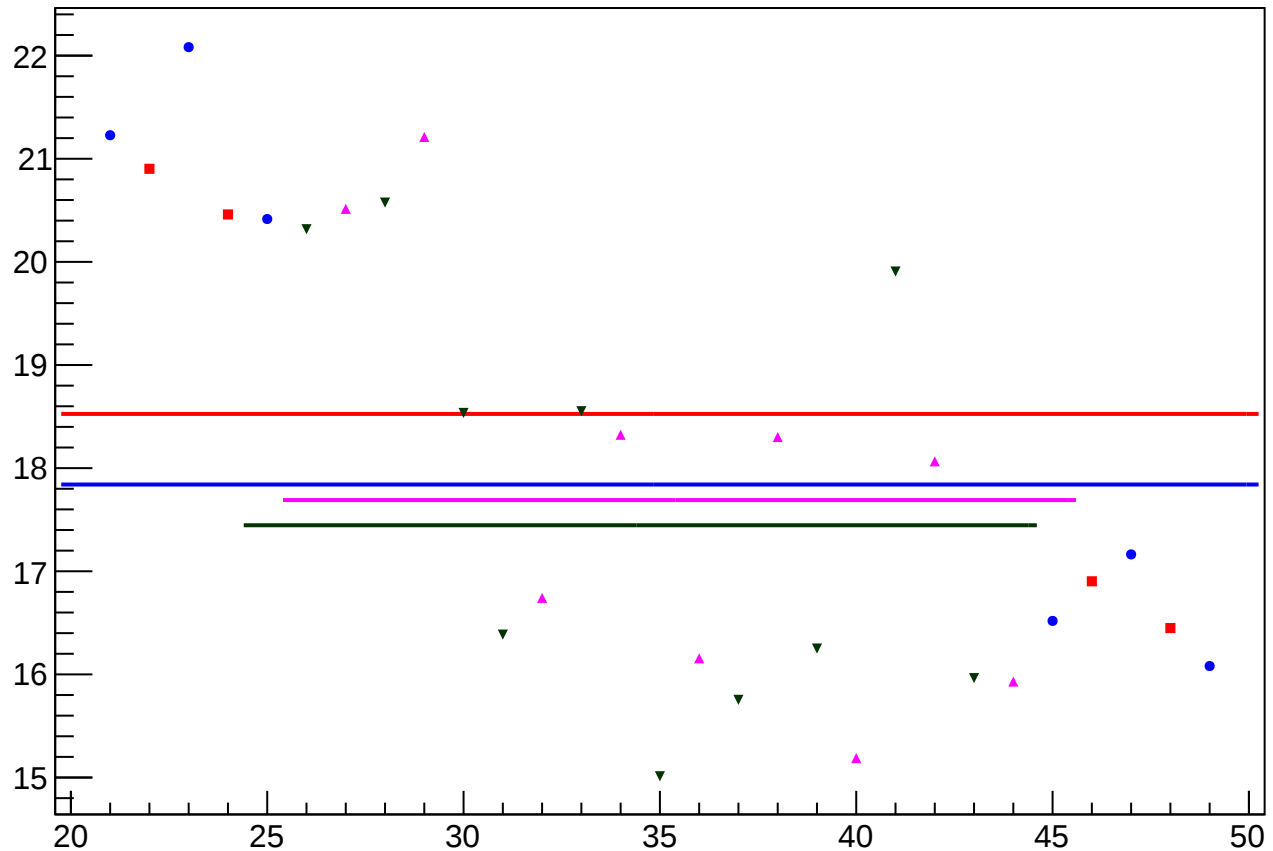
Left Out: -4.516+/-7.770 χ^2/NDF : 12.7/9

Right Out: -8.453+/-12.847 χ^2/NDF : 1.9/3

Left In: 8.691+/-7.598 χ^2/NDF : 12.4/8

-4.691+/-4.459 χ^2/NDF : 37.3/28

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.841+/-0.007 χ^2/NDF : 104262.2/5

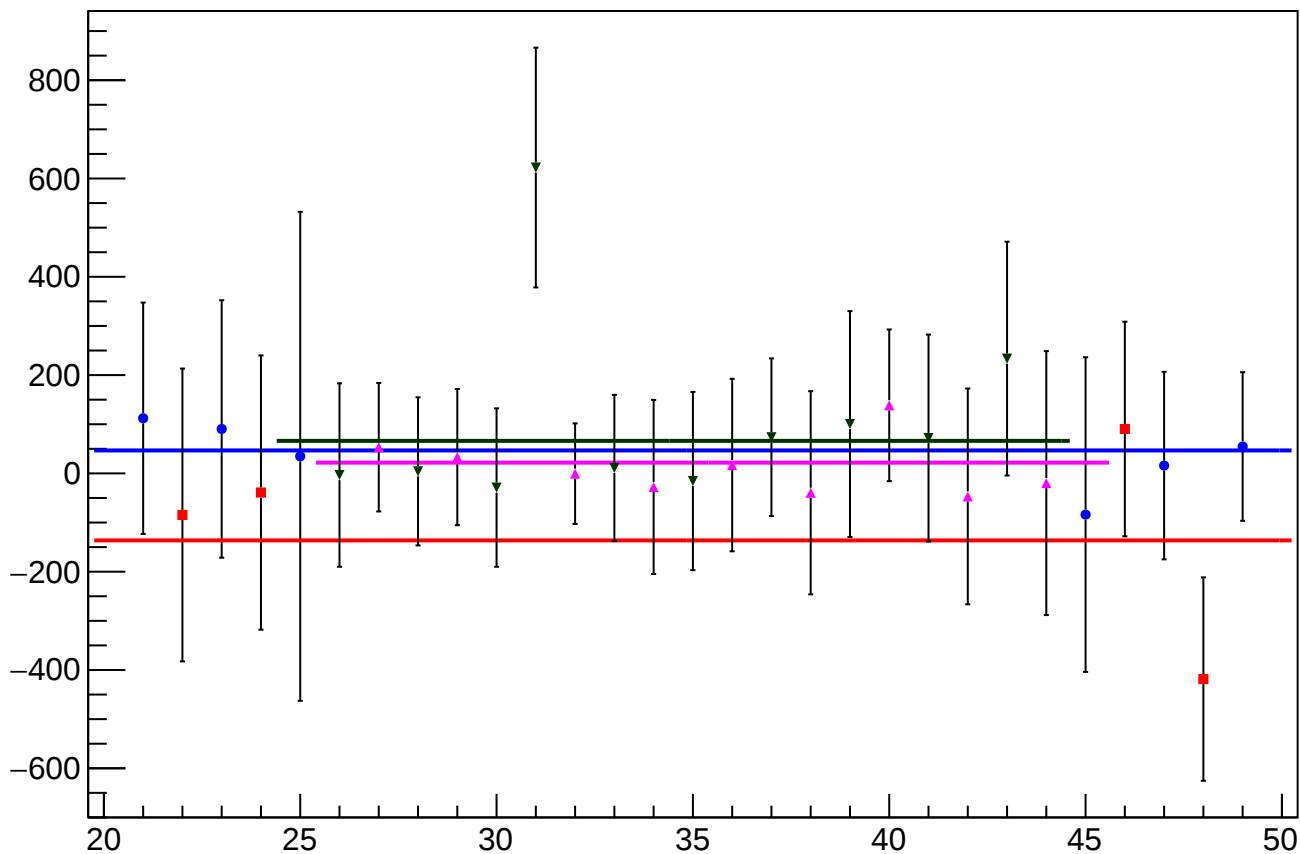
Left Out: 17.446+/-0.005 χ^2/NDF :132564.7/9

Right Out: 18.526+/-0.009 χ^2/NDF : 48515.9/3

Left In: 17.690+/-0.005 χ^2/NDF :134443.4/8

17.742+/-0.003 χ^2/NDF : 430424.2/28

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 46.707+/-92.205 χ^2/NDF : 0.3/5

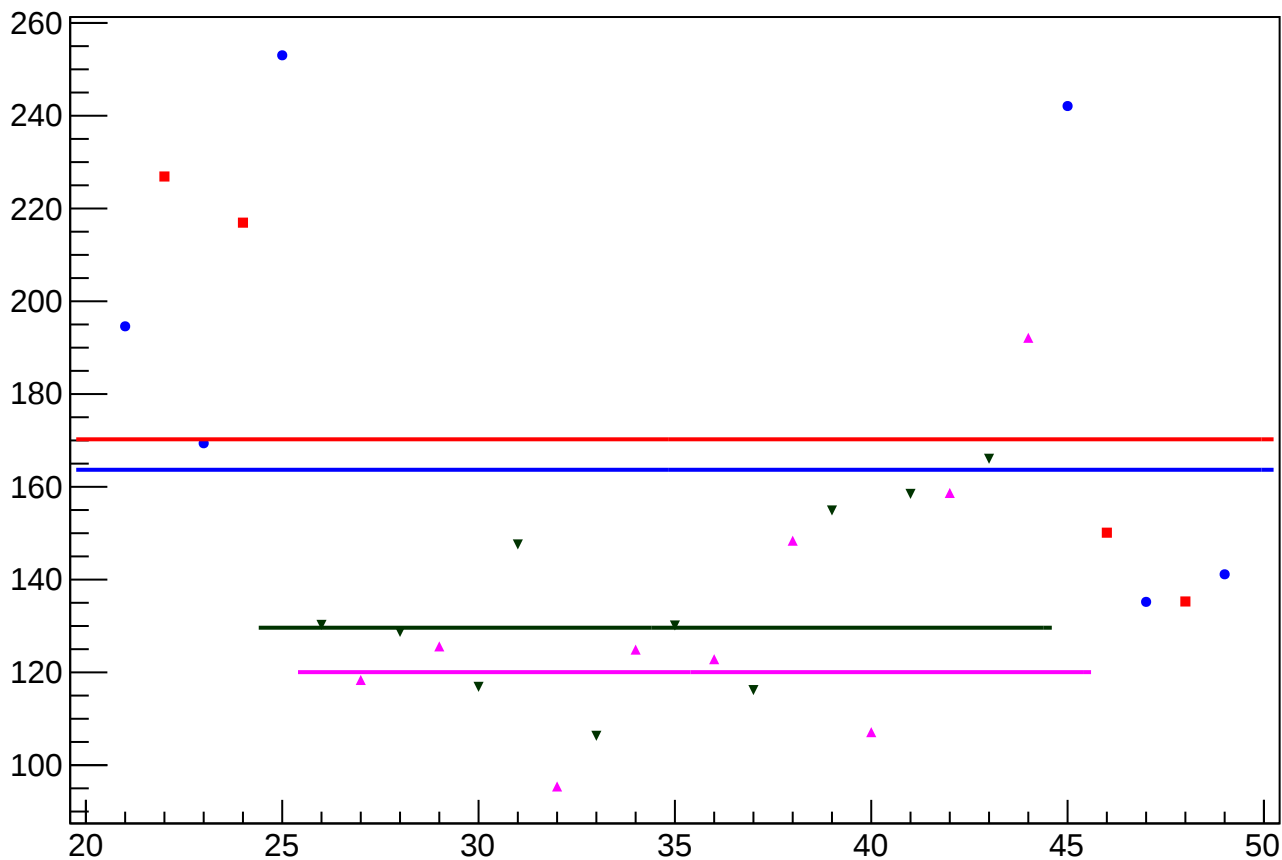
Left Out: 66.207+/-57.570 χ^2/NDF : 6.7/9

28.252+/-34.130 χ^2/NDF : 13.4/28

Right Out: -136.354+/-120.880 χ^2/NDF : 3.1/3

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: 163.675+/-0.065 χ^2/NDF : 308929.8/5

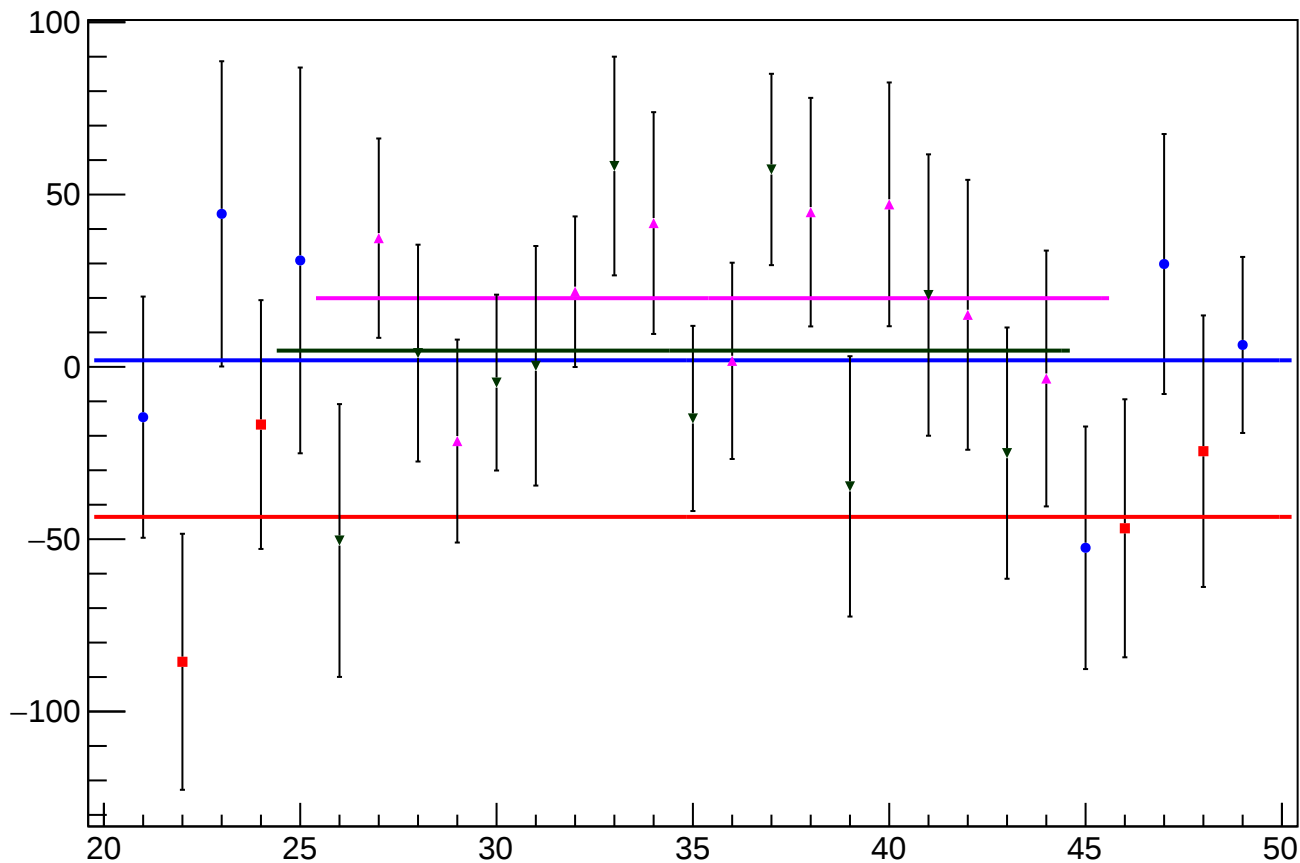
Left Out: 129.628+/-0.041 χ^2/NDF :195251.2/9

133.395+/-0.024 χ^2/NDF : 1628218.8/28

Right Out: 170.244+/-0.085 χ^2/NDF : 202461.3/3

Left In: 120.050+/-0.037 χ^2/NDF :379438.7/8

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 1.903 ± 14.604 $\chi^2/\text{NDF}: 4.4/5$

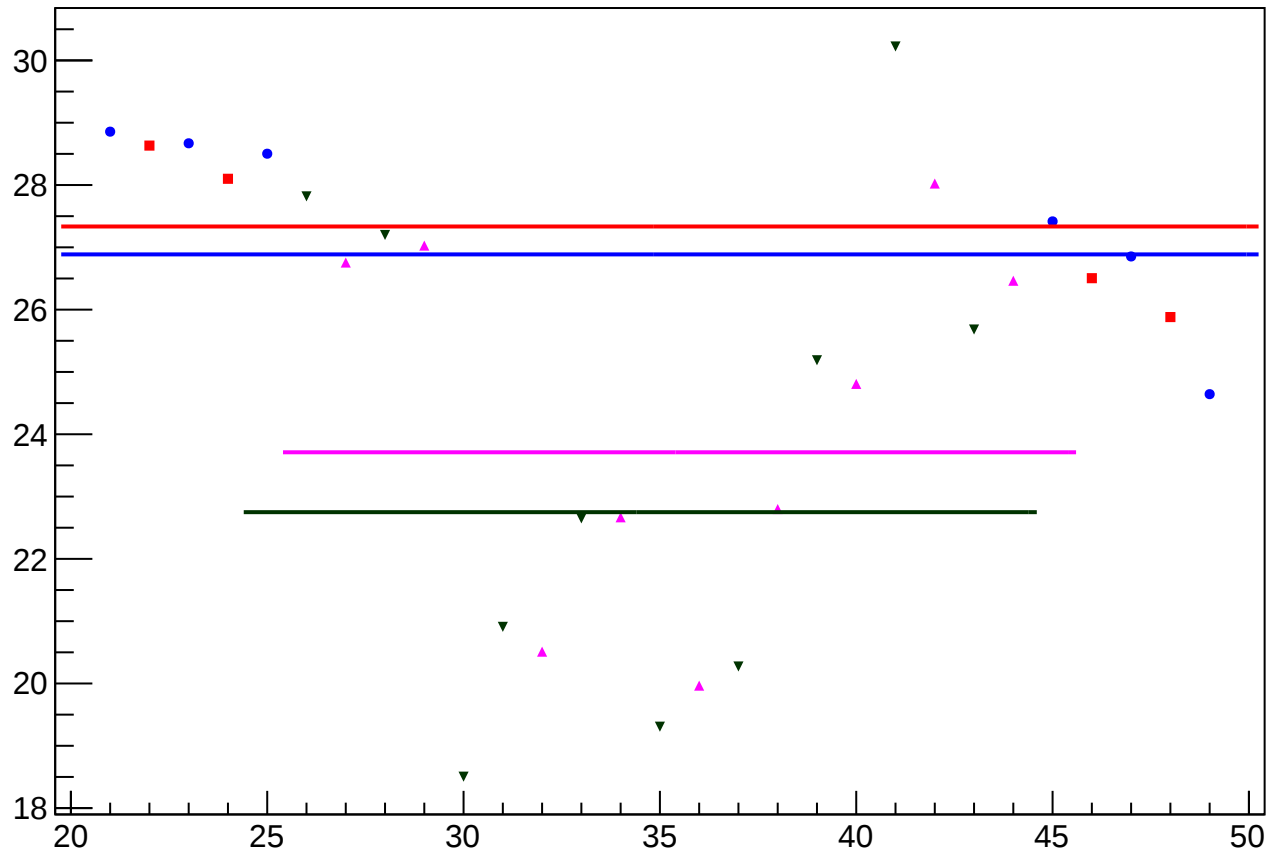
Left Out: 4.718 ± 10.131 $\chi^2/\text{NDF}: 11.0/9$

Right Out: -43.526 ± 18.731 $\chi^2/\text{NDF}: 2.1/3$

Left In: 19.927 ± 10.138 $\chi^2/\text{NDF}: 4.8/8$

4.617 ± 6.084 $\chi^2/\text{NDF}: 31.1/28$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 26.887 $\pm$ 0.010 χ^2 /NDF: 27127.7/5

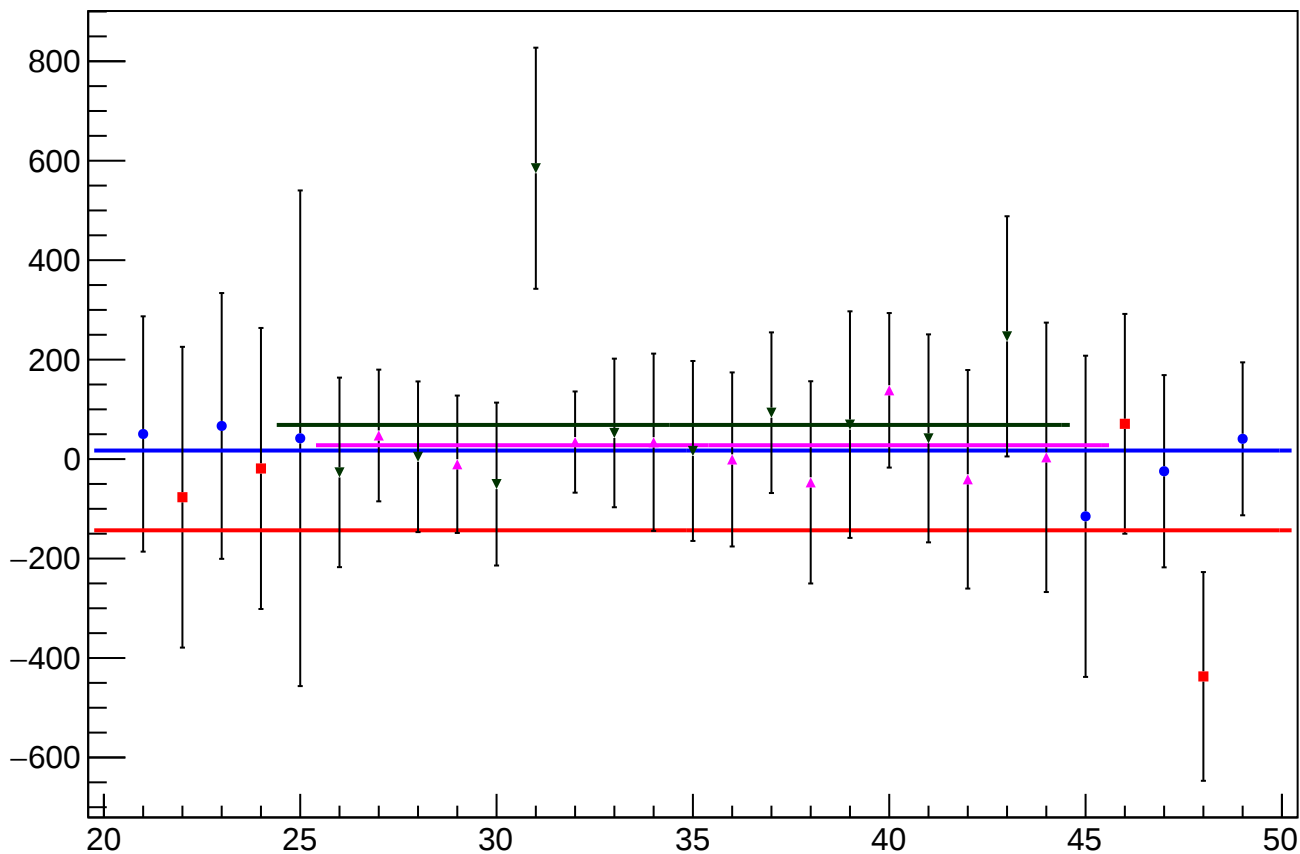
Left Out: 22.750 $\pm$ 0.007 χ^2 /NDF: 270884.7/9

Right Out: 27.335 $\pm$ 0.013 χ^2 /NDF: 7049.4/3

Left In: 23.711 $\pm$ 0.007 χ^2 /NDF: 165862.4/8

24.298 $\pm$ 0.004 χ^2 /NDF: 639762.4/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 17.215+/-93.444 χ^2/NDF : 0.3/5

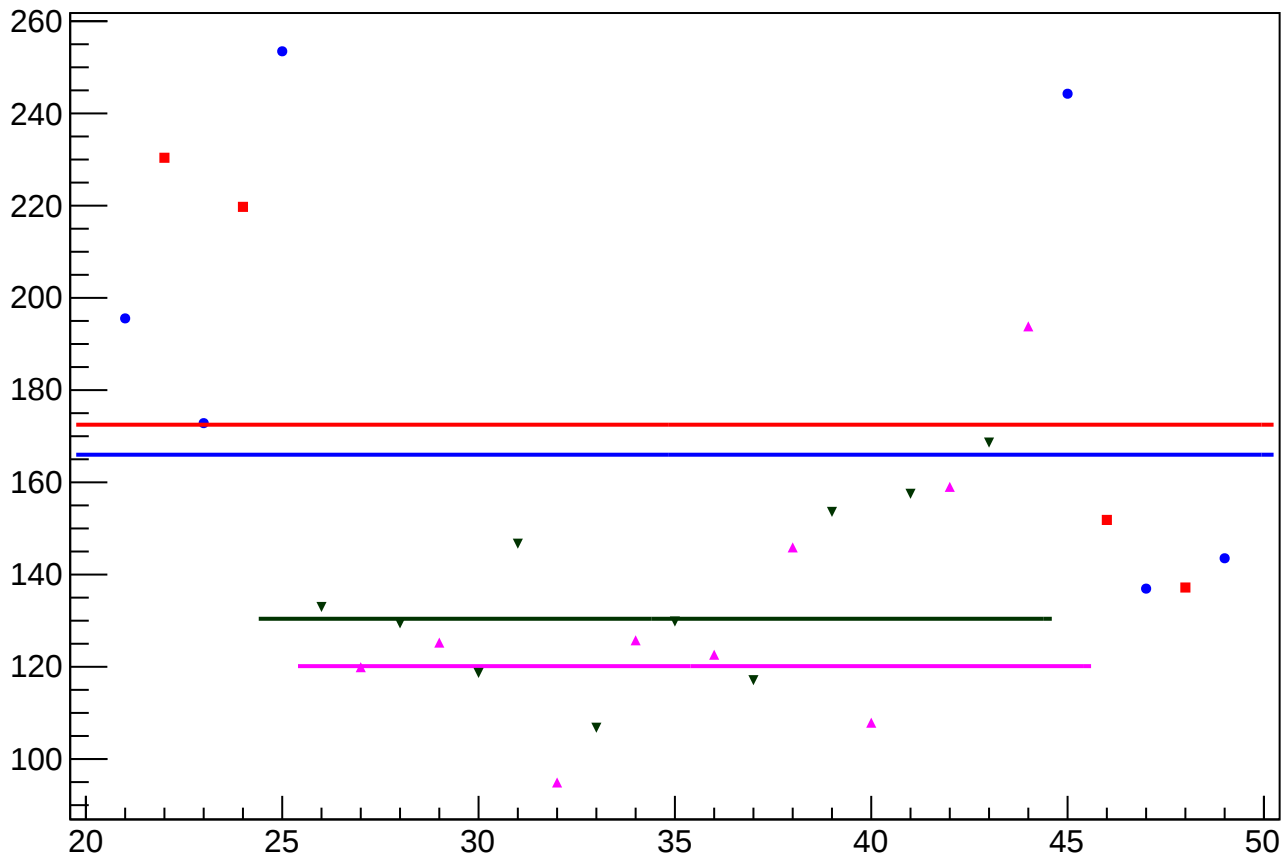
Left Out: 68.706+/-57.895 χ^2/NDF : 6.2/9

27.356+/-34.308 χ^2/NDF : 12.9/28

Right Out: -143.226+/-122.496 χ^2/NDF : 3.1/3

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: 165.992 ± 0.066 $\chi^2/\text{NDF}: 299423.3/5$

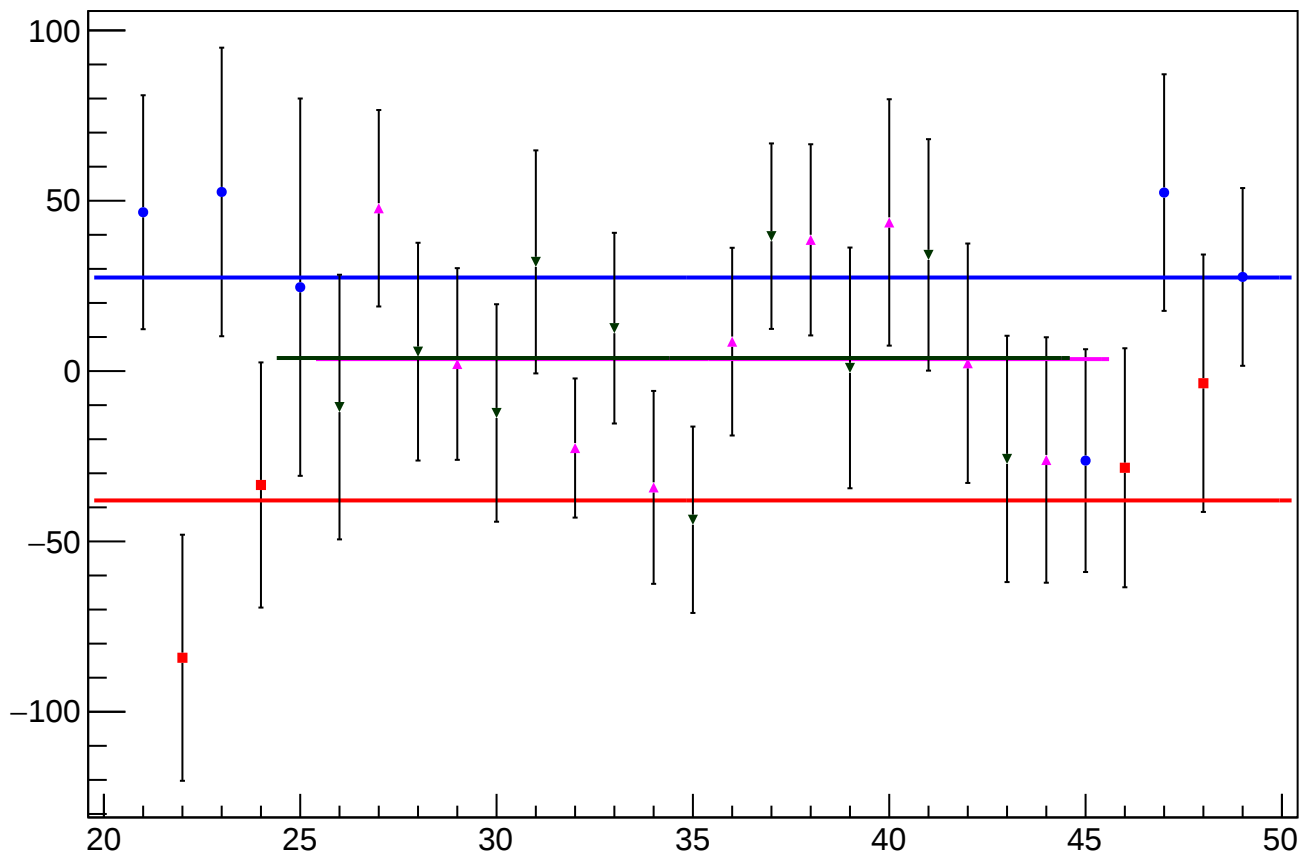
Left Out: 130.416 ± 0.041 $\chi^2/\text{NDF}: 187736.2/9$

Right Out: 172.500 ± 0.087 $\chi^2/\text{NDF}: 203240.7/3$

Left In: 120.144 ± 0.037 $\chi^2/\text{NDF}: 383139.4/8$

134.038 ± 0.024 $\chi^2/\text{NDF}: 1655288.6/28$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 27.466 $\pm$ 14.191 χ^2 /NDF: 3.9/5

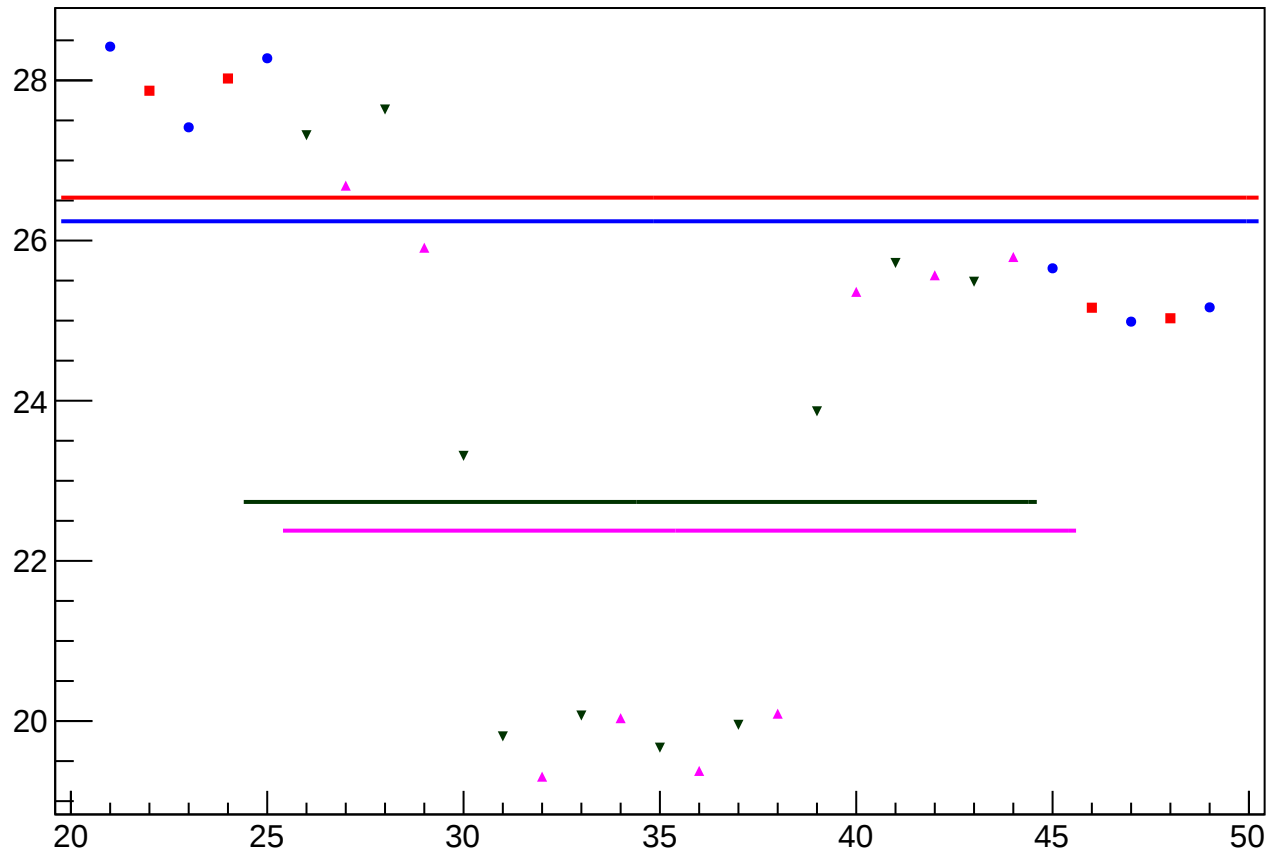
Left Out: 3.838 $\pm$ 10.024 χ^2 /NDF:7.4/9

3.361 $\pm$ 5.871 χ^2 /NDF: 31.2/28

Right Out: -37.970 $\pm$ 18.100 χ^2 /NDF: 2.6/3

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: 26.241 $\pm$ 0.010 χ^2 /NDF: 18951.0/5

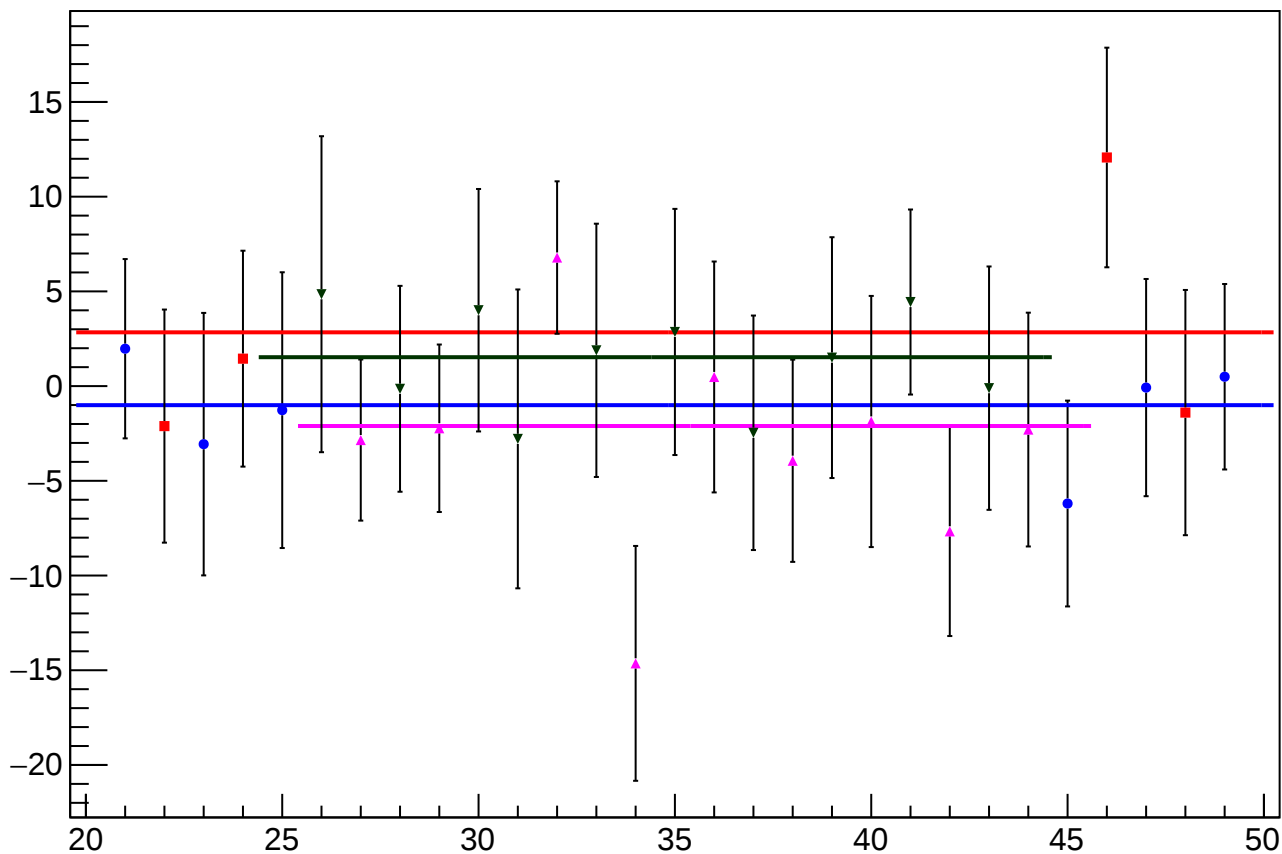
Left Out: 22.736 $\pm$ 0.007 χ^2 /NDF: 184730.7/9

Right Out: 26.536 $\pm$ 0.013 χ^2 /NDF: 12401.8/3

Left In: 22.378 $\pm$ 0.007 χ^2 /NDF: 220179.4/8

23.599 $\pm$ 0.004 χ^2 /NDF: 605993.7/28

diff_bpm12X_mean vs slug



Right In: -1.006 ± 2.292 $\chi^2/\text{NDF}: 1.5/5$

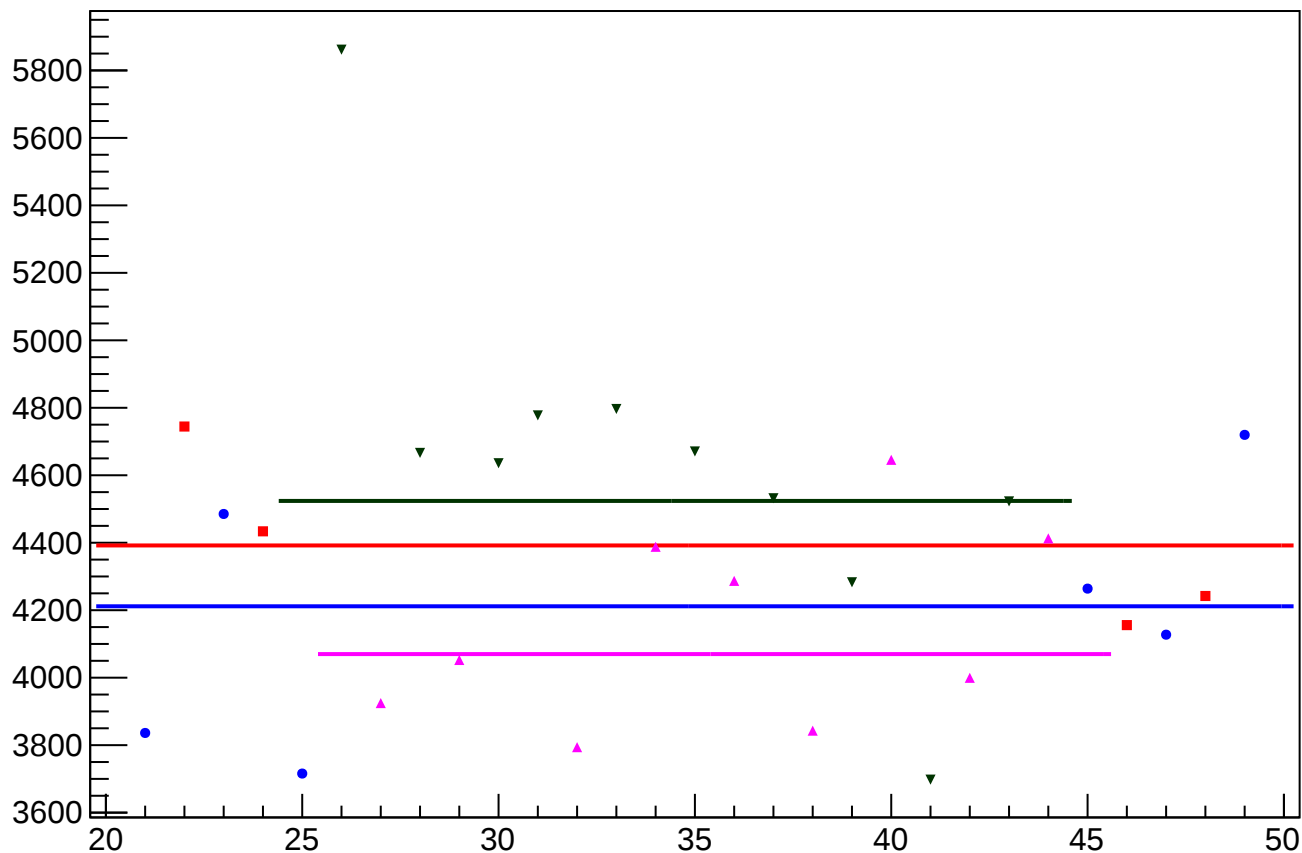
Left Out: 1.526 ± 1.993 $\chi^2/\text{NDF}: 1.6/9$

Right Out: 2.838 ± 3.004 $\chi^2/\text{NDF}: 3.7/3$

Left In: -2.107 ± 1.720 $\chi^2/\text{NDF}: 10.3/8$

-0.230 ± 1.059 $\chi^2/\text{NDF}: 20.2/28$

diff_bpm12X_rms vs slug



Right In: 4211.623+/-1.621 χ^2/NDF : 47151.4/5

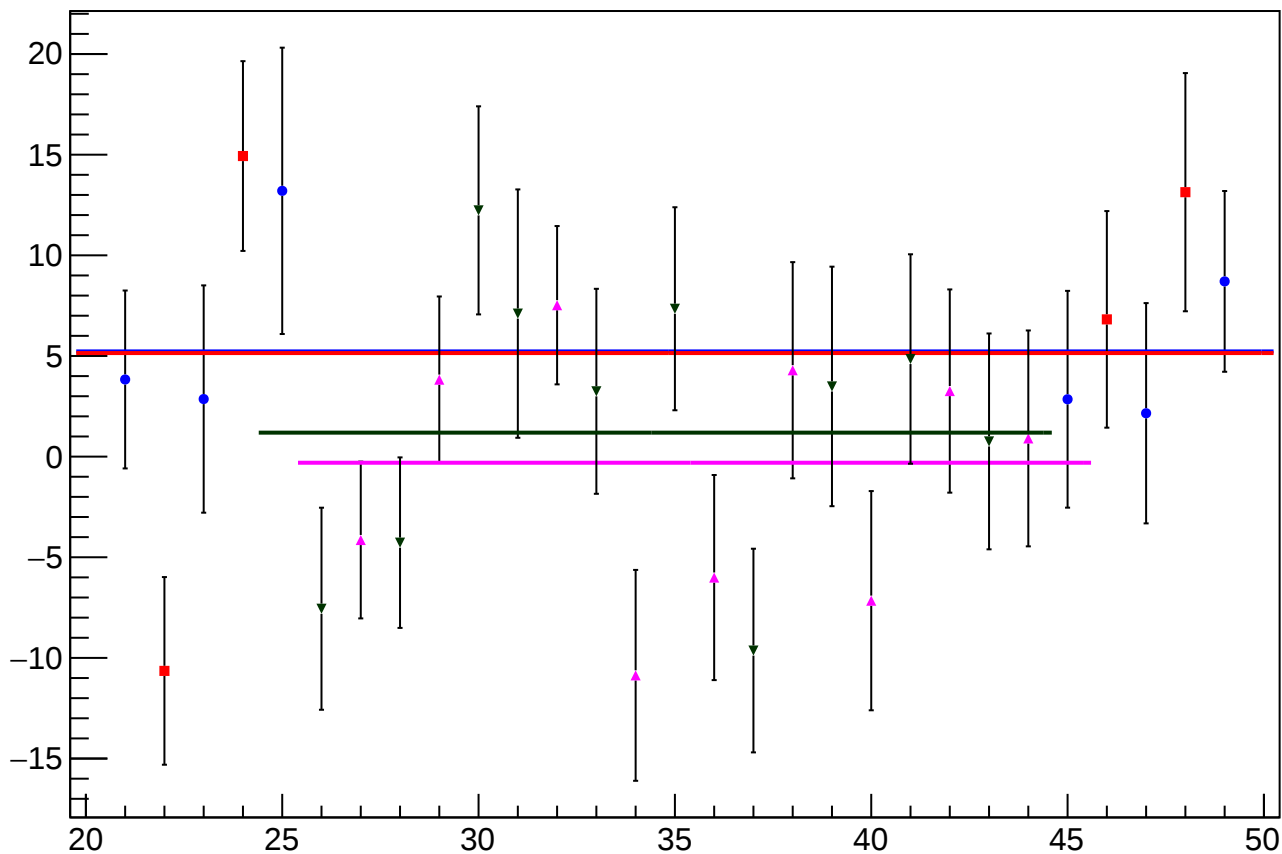
Left Out: 4523.929+/-1.409 χ^2/NDF : 119939.0/9

Right Out: 4391.955+/-2.124 χ^2/NDF : 11061.9/3

Left In: 4069.946+/-1.216 χ^2/NDF : 44775.6/8

4268.561+/-0.749 χ^2/NDF : 287047.4/28

diff_bpm12Y_mean vs slug



Right In: 5.227 ± 2.133 χ^2/NDF : 2.6/5

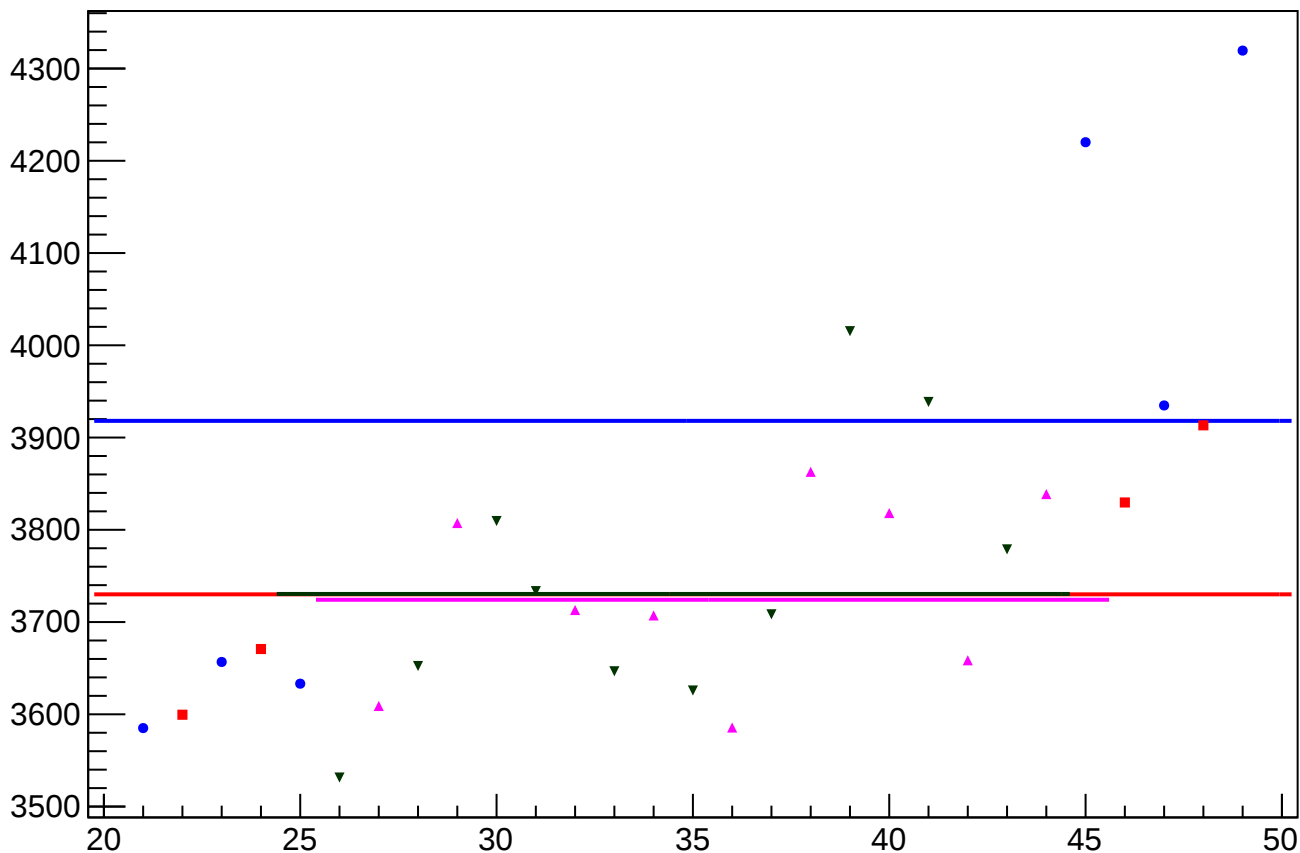
Left Out: 1.191 ± 1.631 χ^2/NDF : 17.1/9

Right Out: 5.145 ± 2.547 χ^2/NDF : 17.7/3

Left In: -0.304 ± 1.568 χ^2/NDF : 14.1/8

1.960 ± 0.930 χ^2/NDF : 57.7/28

diff_bpm12Y_rms vs slug



Right In: 3918.086+/-1.508 χ^2/NDF : 41140.0/5

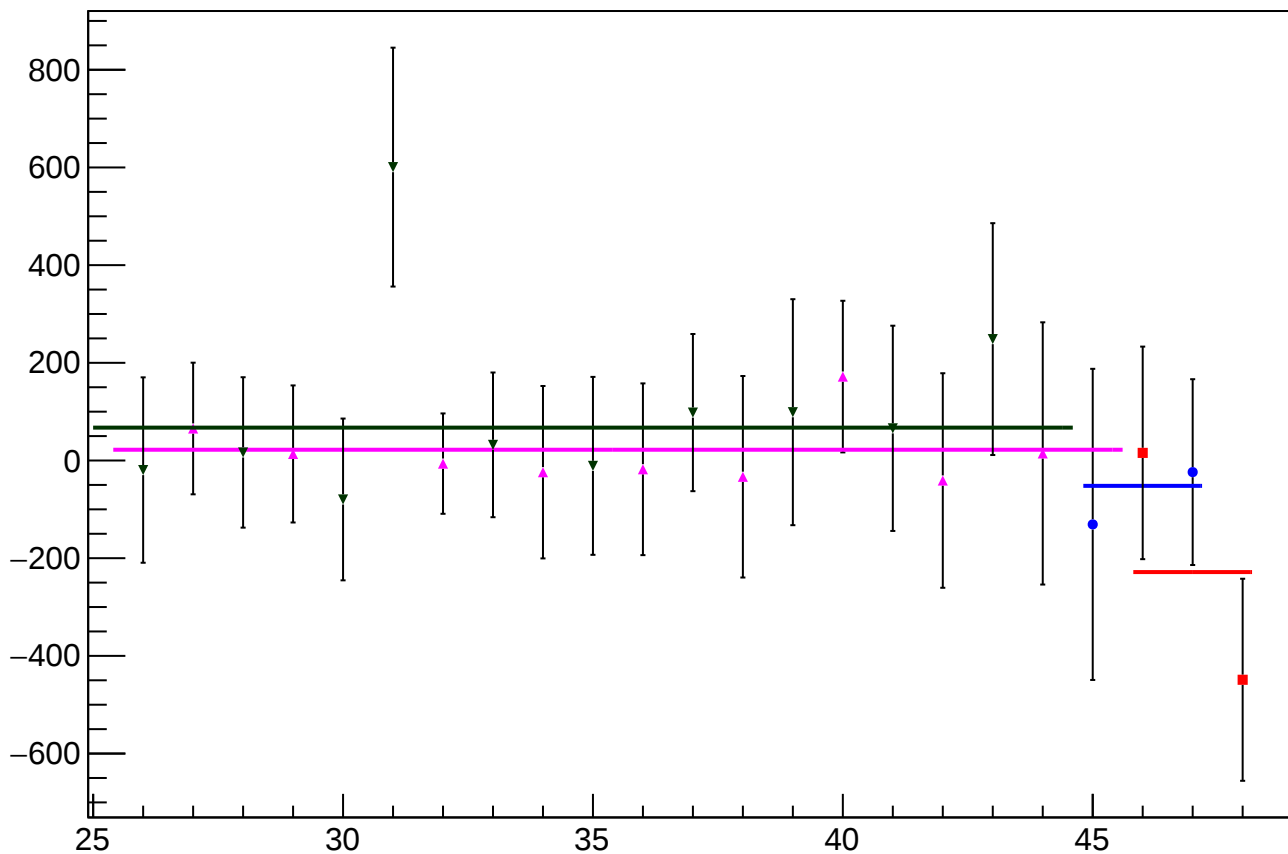
Left Out: 3730.451+/-1.153 χ^2/NDF :13680.1/9

Right Out: 3730.039+/-1.801 χ^2/NDF : 4486.4/3

Left In: 3724.161+/-1.109 χ^2/NDF :7251.9/8

3763.848+/-0.658 χ^2/NDF : 79488.6/28

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 ± 163.313 χ^2/NDF : 0.1/1

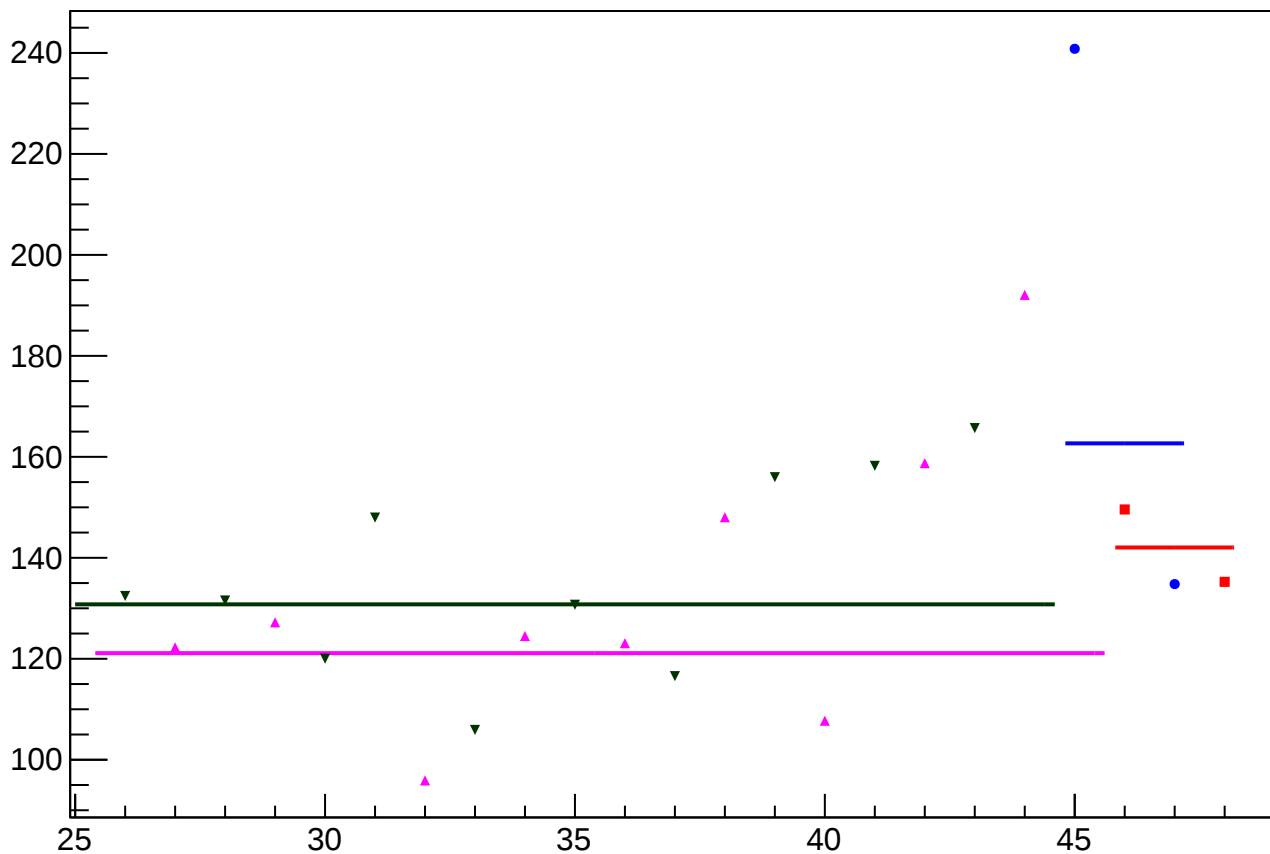
Left Out: 67.330 ± 58.072 χ^2/NDF : 6.7/9

21.392 ± 36.682 χ^2/NDF : 14.2/22

Right Out: -228.420 ± 149.918 χ^2/NDF : 2.4/1

Left In: 22.052 ± 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

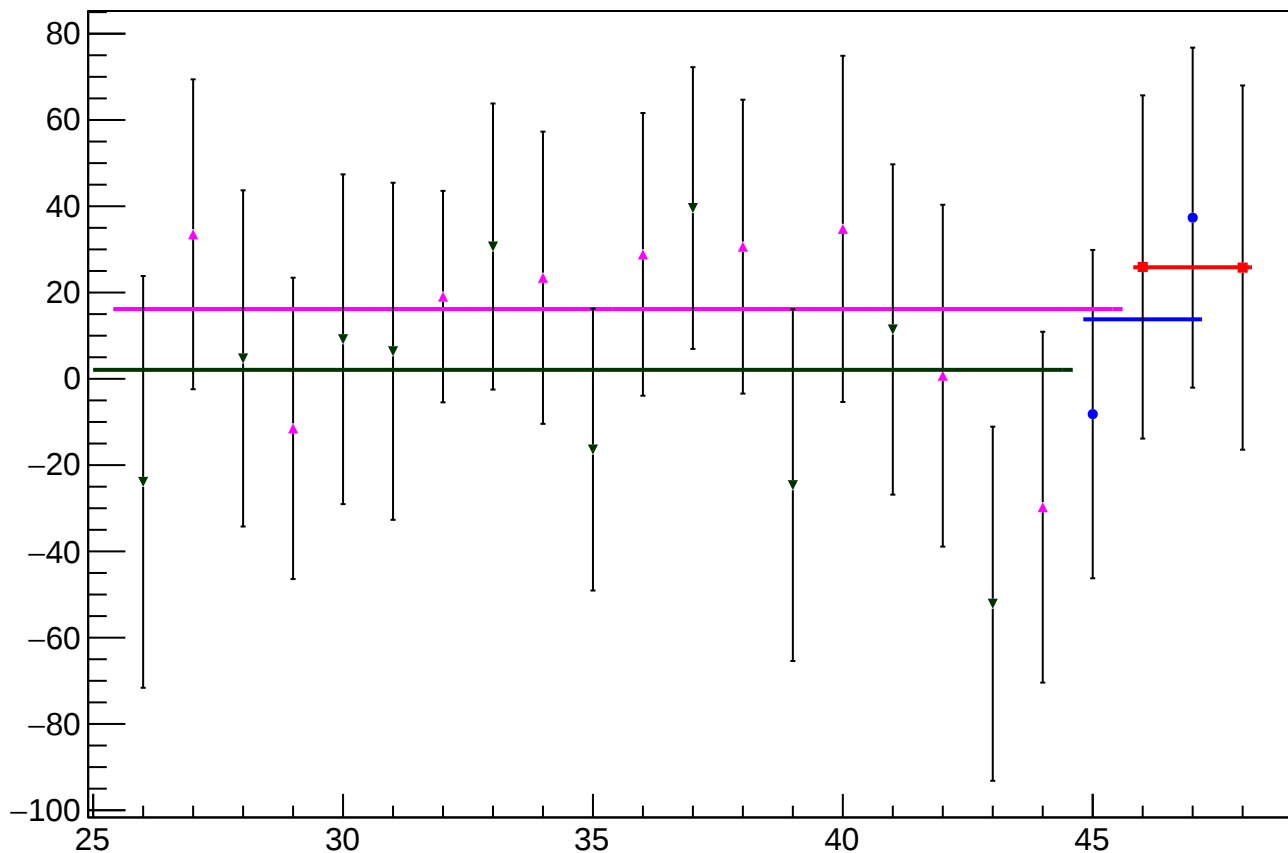
Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

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

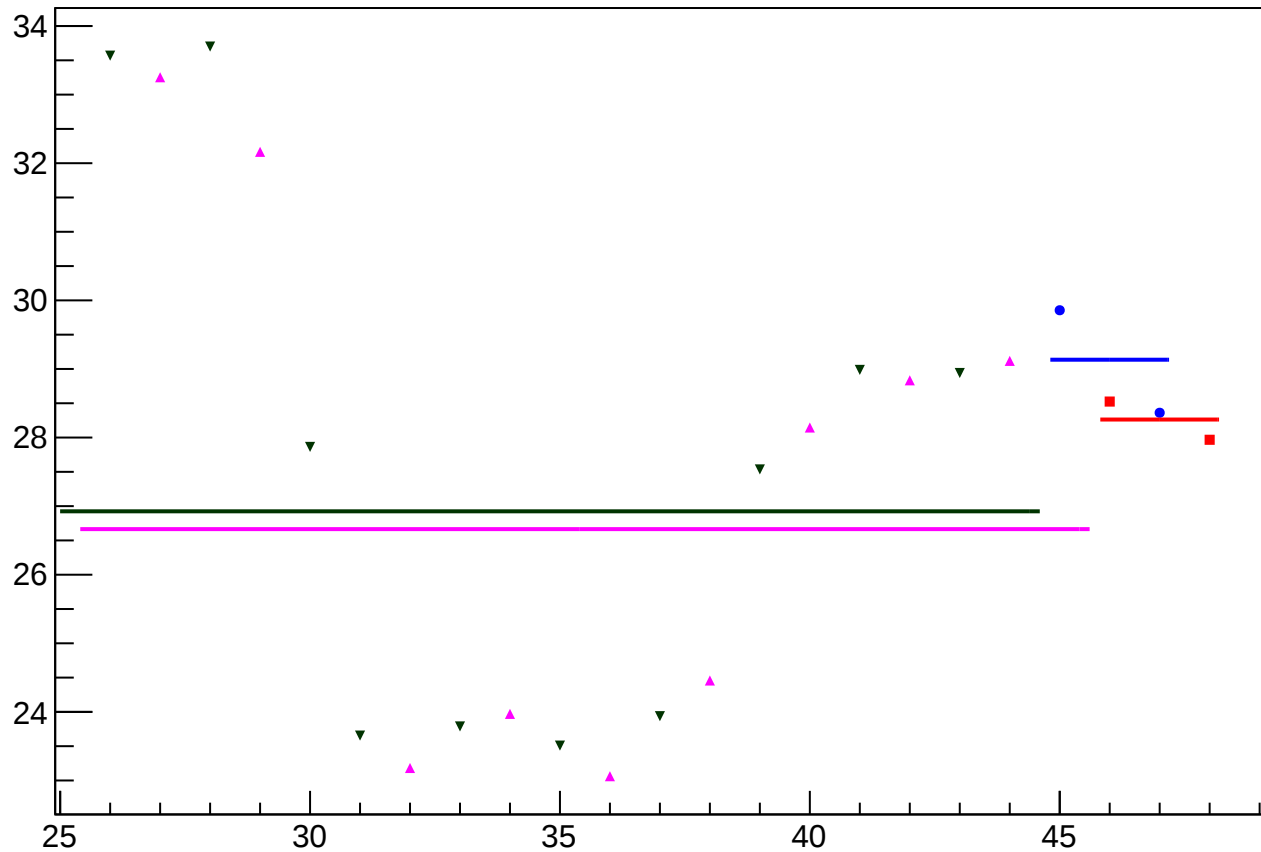
Left Out: 2.082 $\pm$ 11.868 χ^2 /NDF: 5.0/9

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

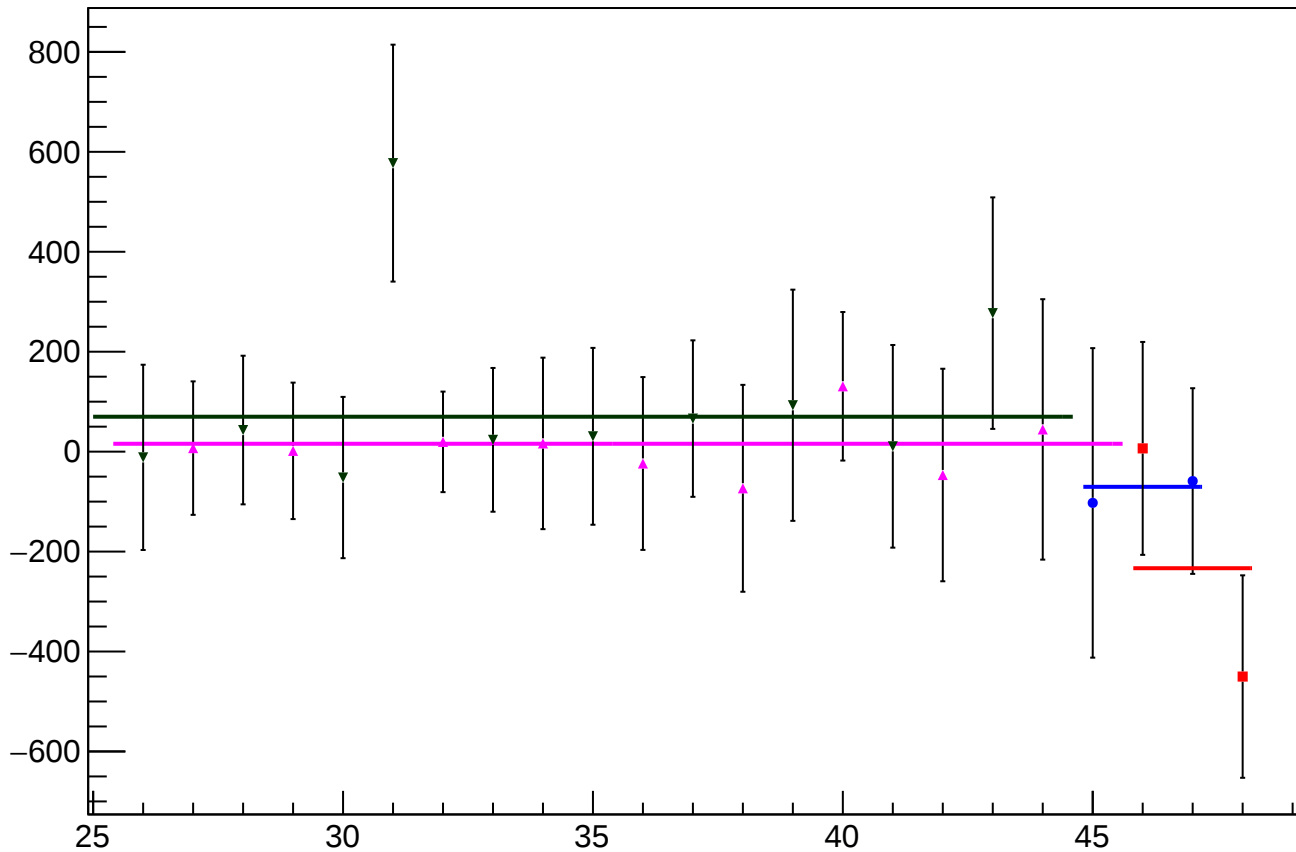
Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

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

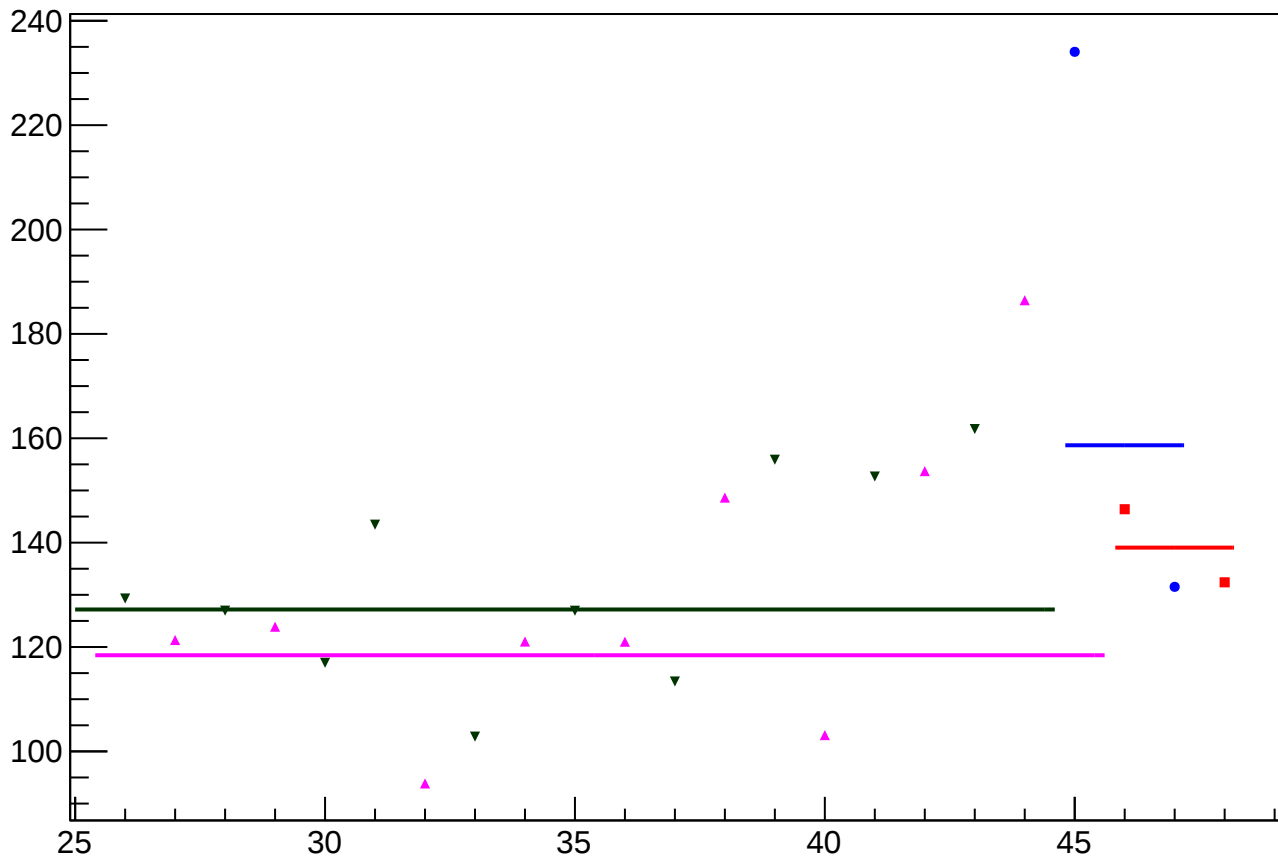
Left Out: 69.878 $\pm$ 56.508 χ^2 /NDF: 6.4/9

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

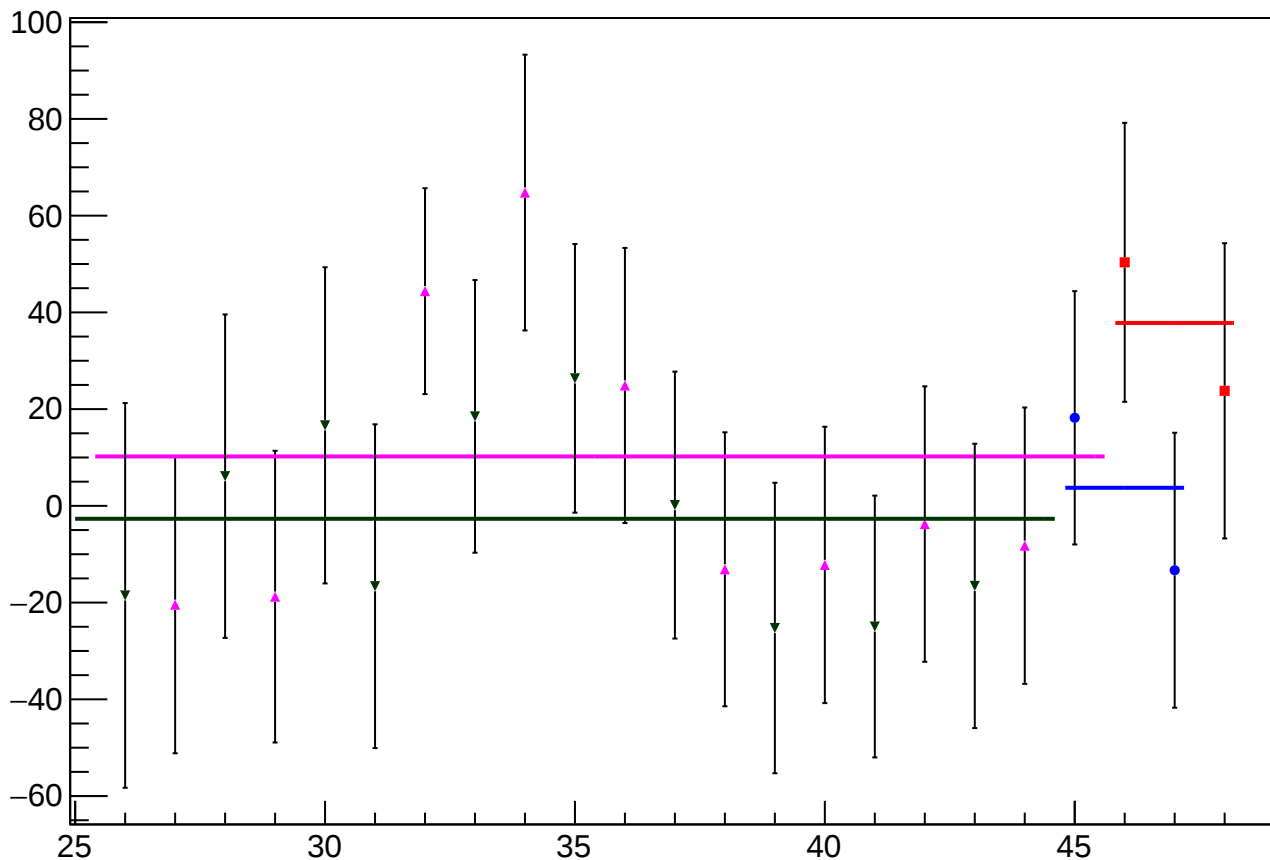
Left Out: 127.192+/-0.040 χ^2/NDF : 197485.8/9

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 +/- 19.260 χ^2/NDF : 0.7/1

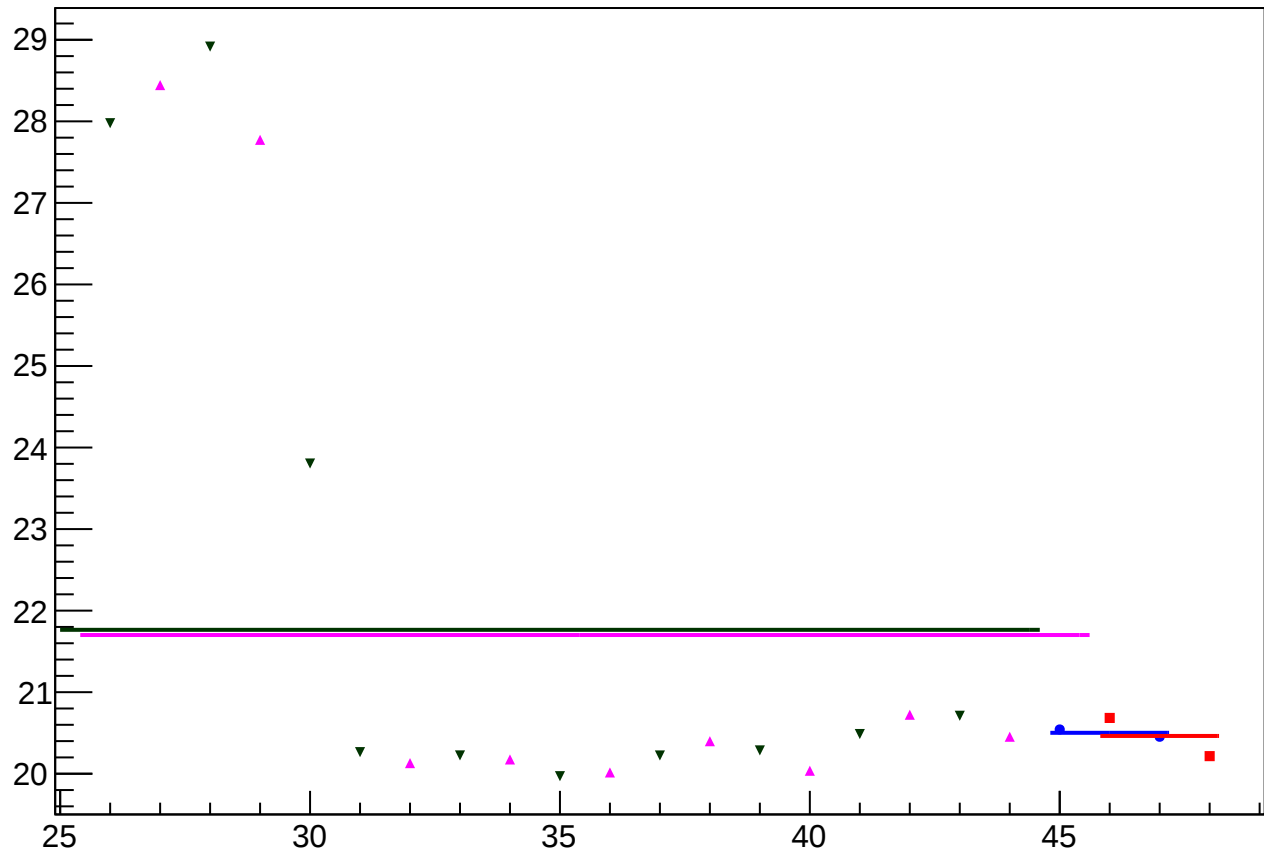
Left Out: -2.673 +/- 9.598 χ^2/NDF : 3.9/9

Right Out: 37.817 +/- 20.961 χ^2/NDF : 0.4/1

Left In: 10.212 +/- 9.220 χ^2/NDF : 10.4/8

6.786 +/- 6.020 χ^2/NDF : 18.7/22

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.502±/0.014 χ^2/NDF : 10.8/1

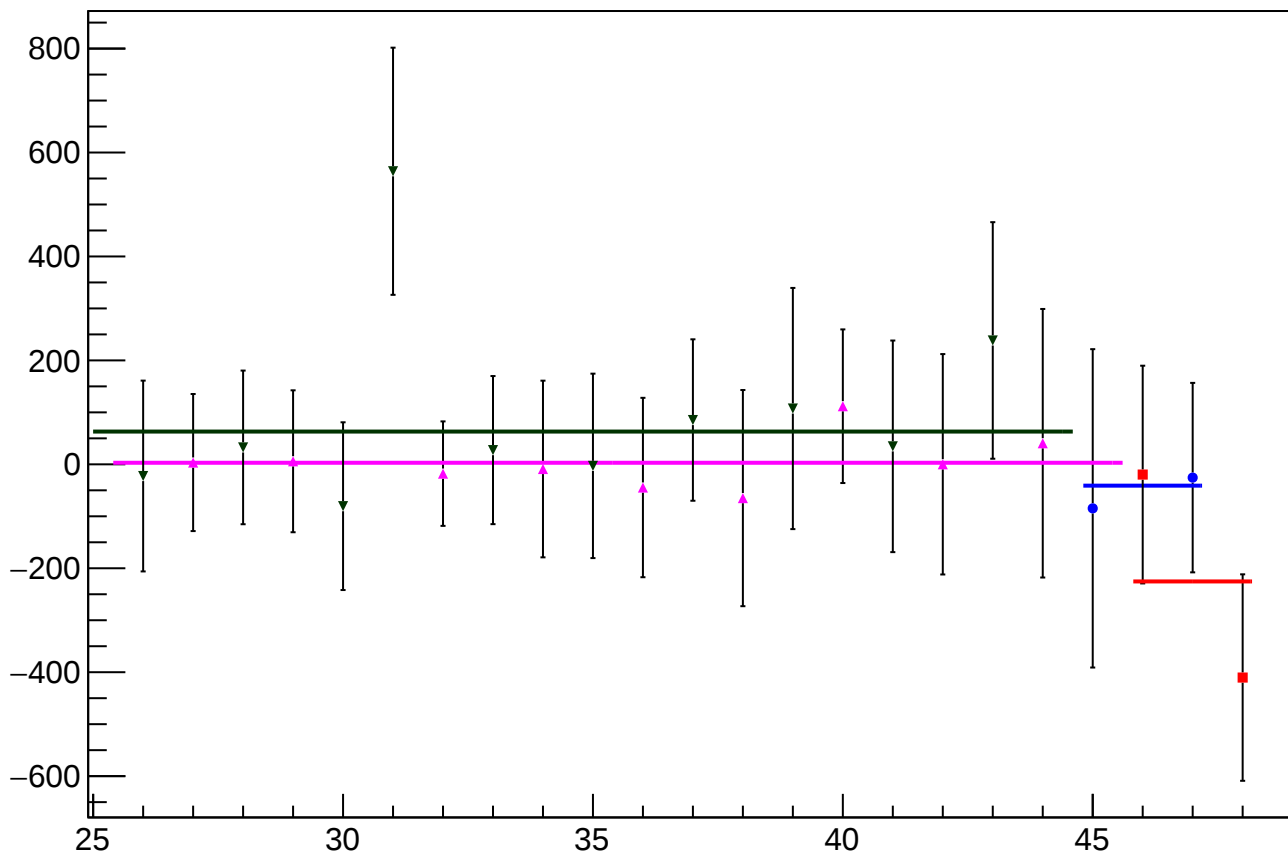
Left Out: 21.765±/0.007 χ^2/NDF : 184541.8/9

Right Out: 20.463±/0.015 χ^2/NDF : 248.8/1

Left In: 21.701±/0.007 χ^2/NDF : 218304.5/8

21.507±/0.004 χ^2/NDF : 415840.1/22

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -41.028 ± 156.650 χ^2/NDF : 0.0/1

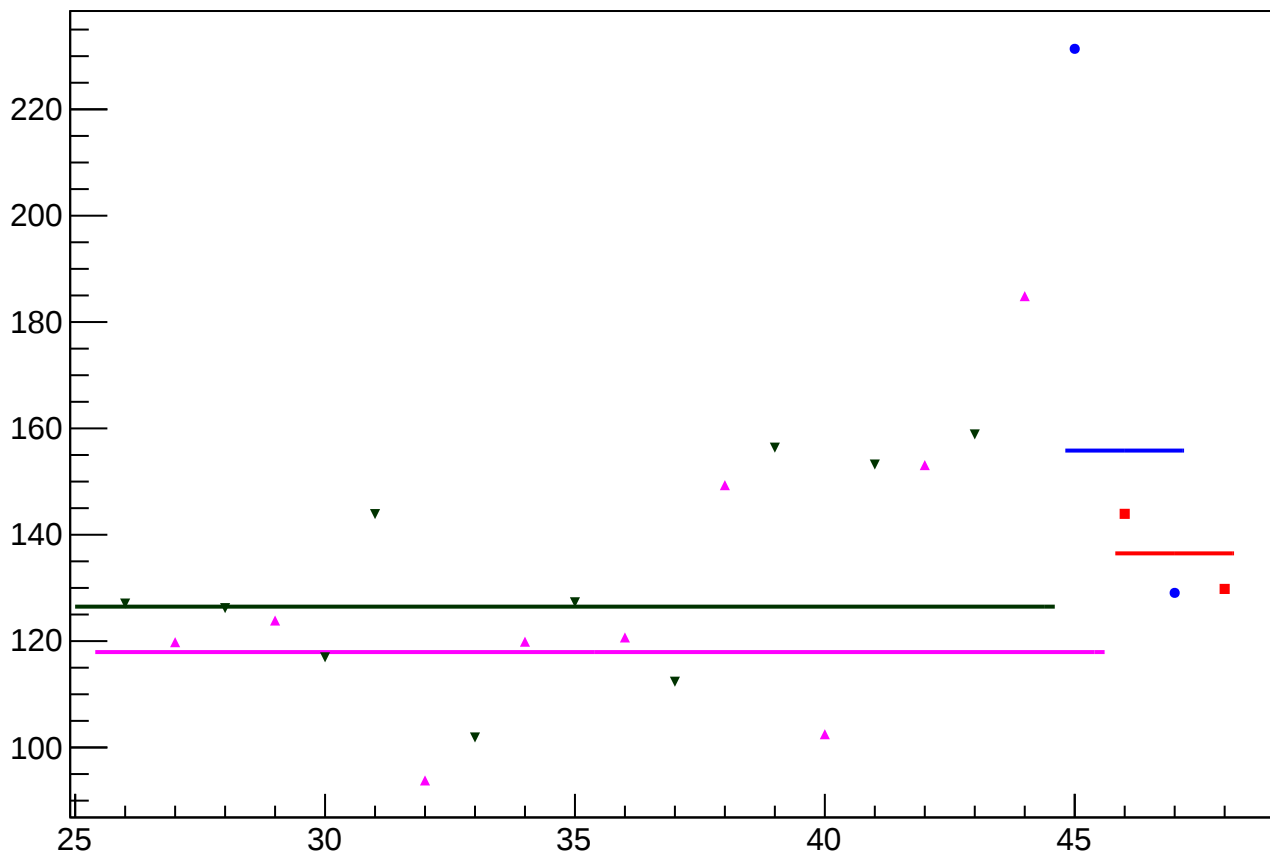
Left Out: 63.061 ± 56.257 χ^2/NDF : 6.4/9

10.851 ± 35.595 χ^2/NDF : 12.7/22

Right Out: -225.345 ± 144.143 χ^2/NDF : 1.8/1

Left In: 3.008 ± 51.005 χ^2/NDF : 0.8/8

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 155.830+/-0.111 χ^2/NDF : 164756.1/1

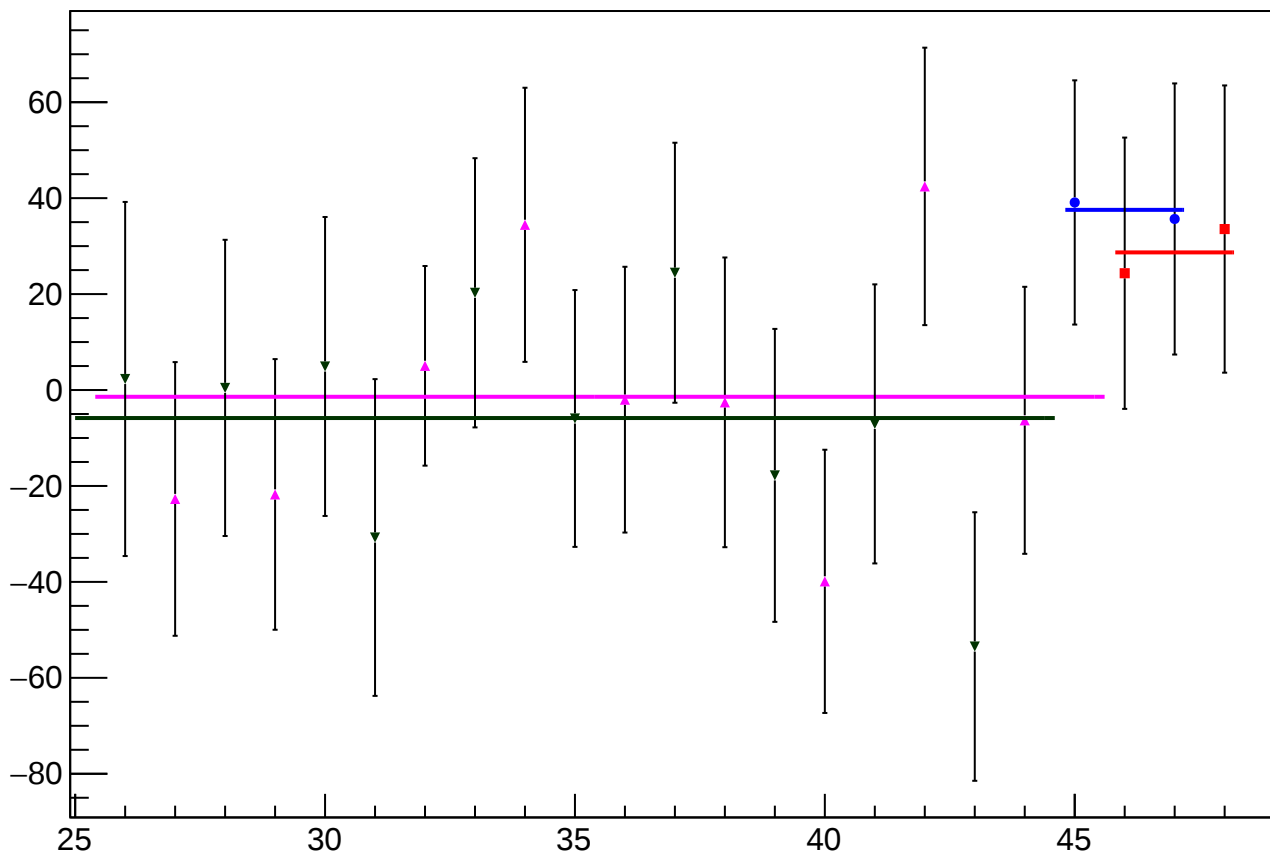
Left Out: 126.482+/-0.040 χ^2/NDF : 202065.4/9

Right Out: 136.498+/-0.102 χ^2/NDF : 4783.5/1

Left In: 117.938+/-0.036 χ^2/NDF : 376858.5/8

124.447+/-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

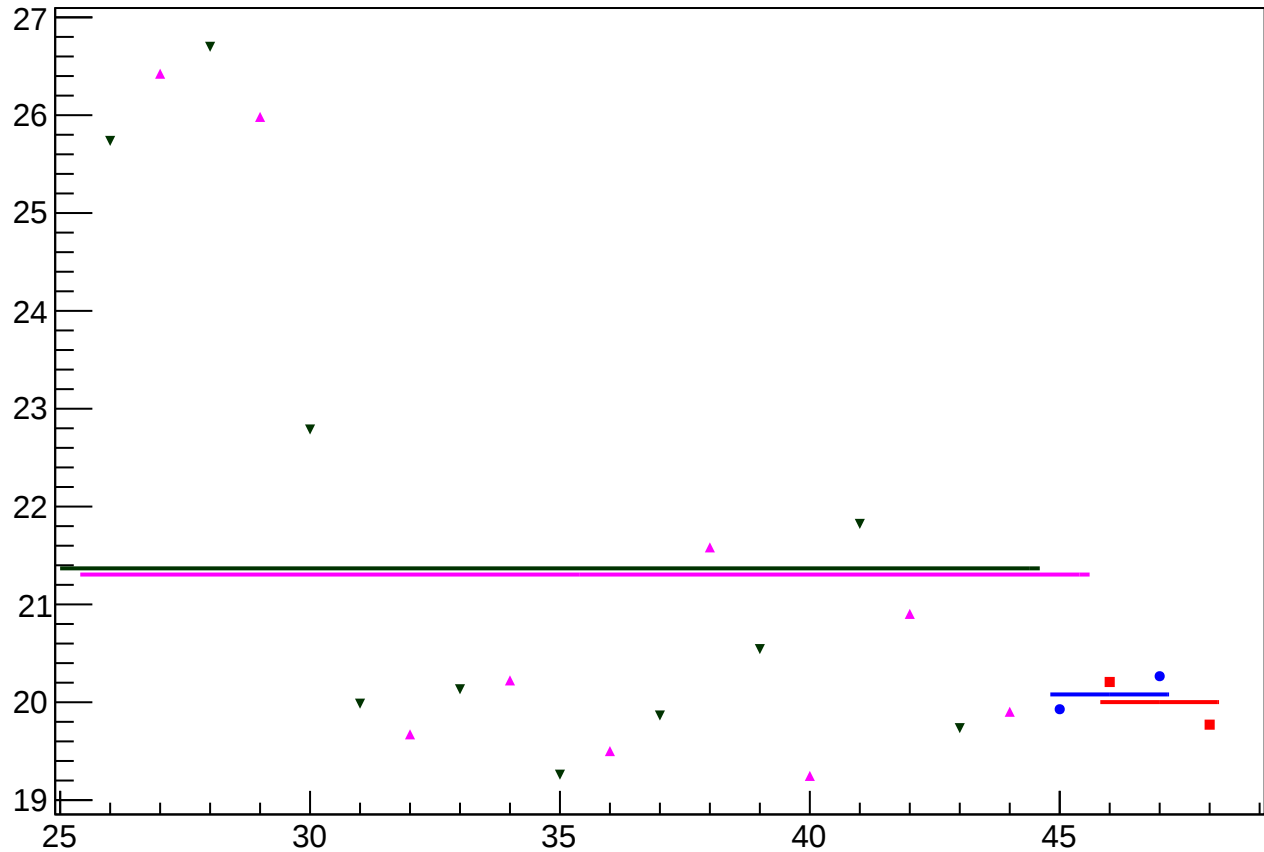
Left Out: -5.840+/-9.412 χ^2/NDF : 5.9/9

3.128+/-5.905 χ^2/NDF : 19.1/22

Right Out: 28.689+/-20.558 χ^2/NDF : 0.1/1

Left In: -1.409+/-9.041 χ^2/NDF : 7.0/8

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080±/0.013 χ^2/NDF : 157.4/1

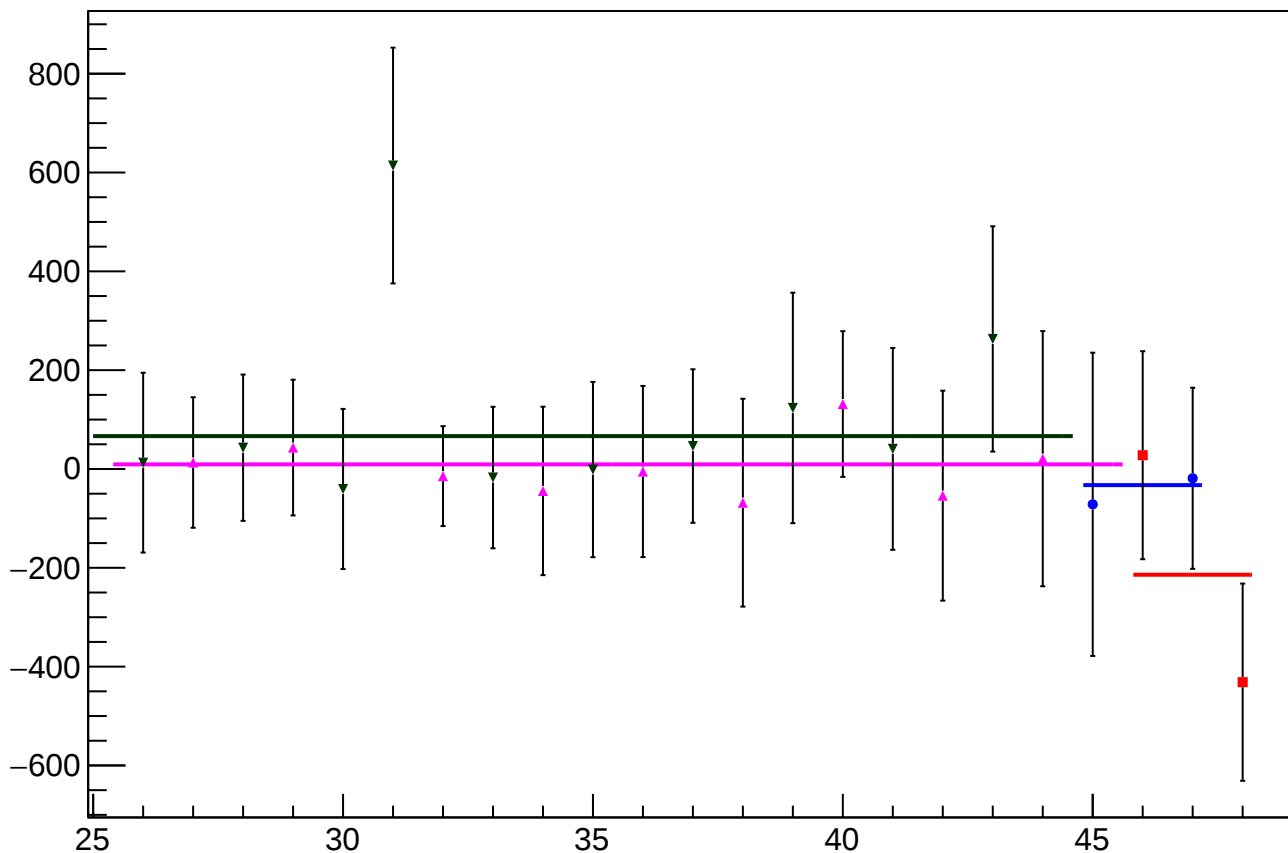
Left Out: 21.368±/0.007 χ^2/NDF :126487.8/9

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

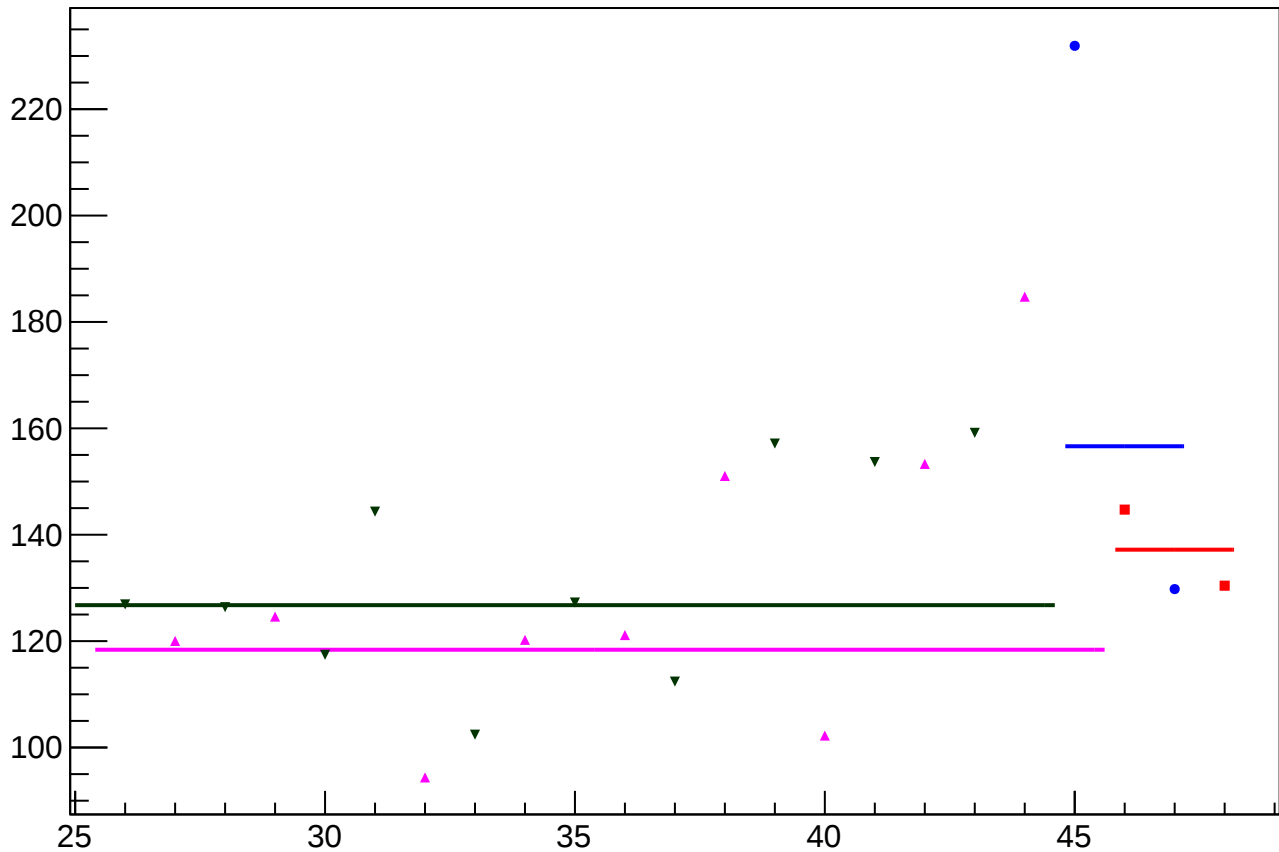
Left Out: 66.532+/-56.339 χ^2/NDF : 7.1/9

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

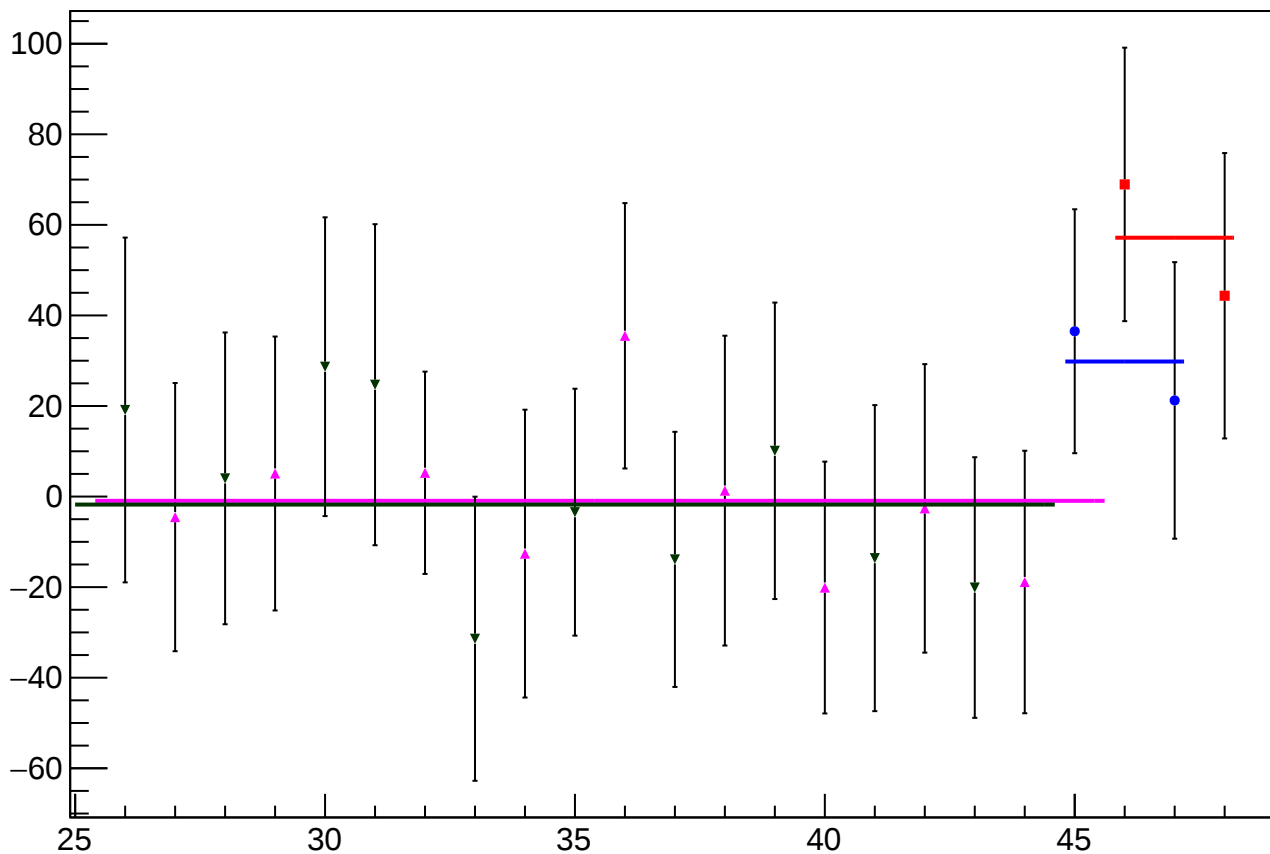
Left Out: 126.761+/-0.040 χ^2/NDF : 201460.1/9

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

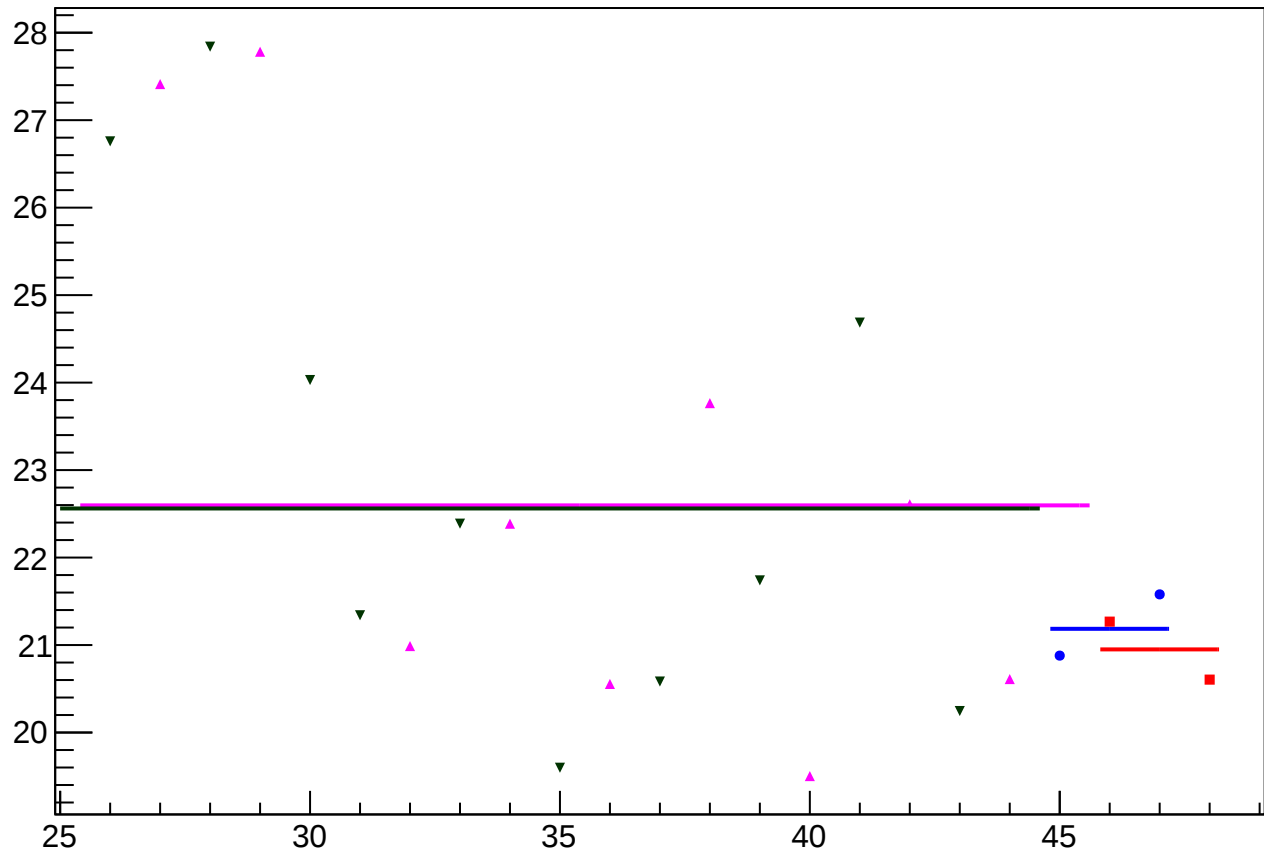
Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF: 3.5/9

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

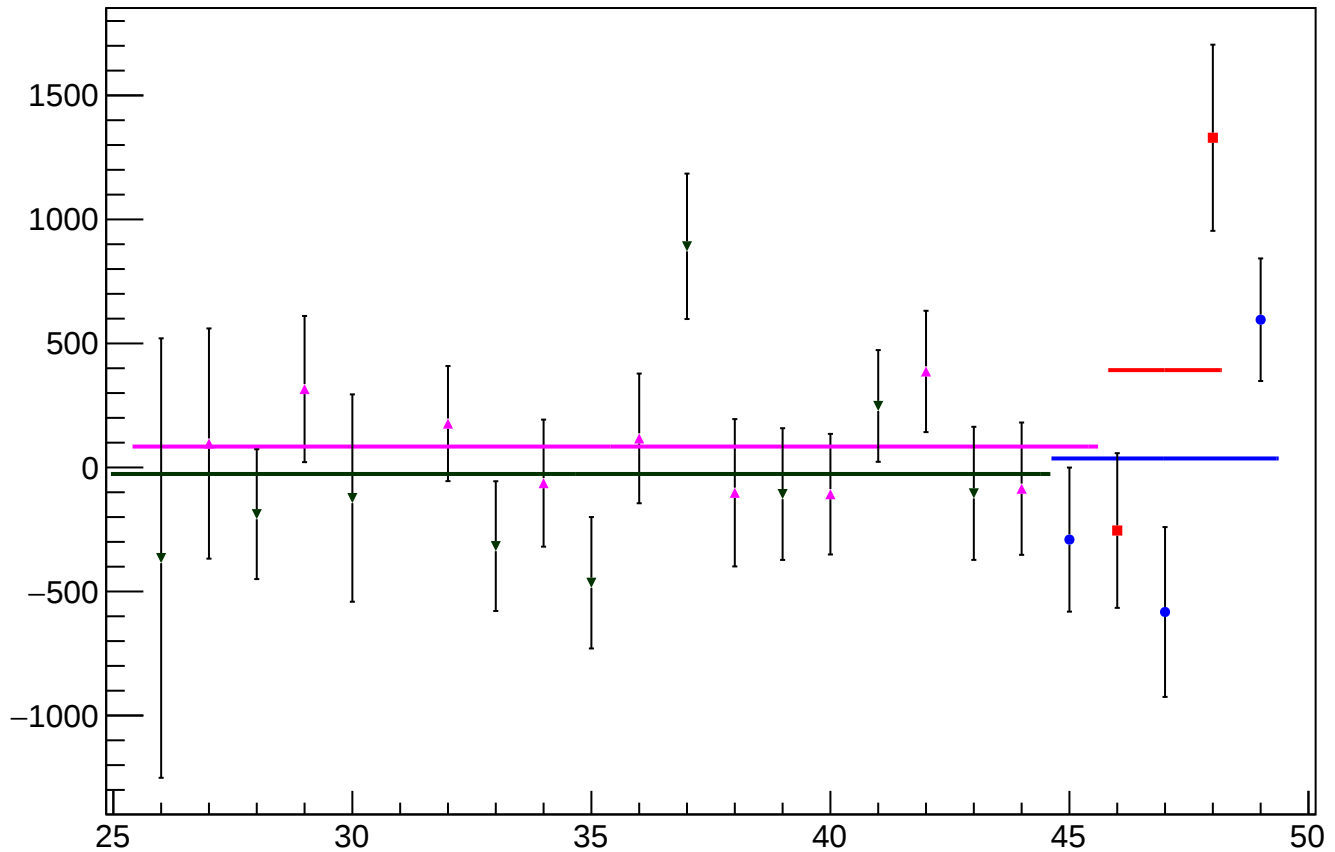
Left Out: 22.561 $\pm$ 0.007 χ^2 /NDF:140006.3/9

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: 36.290 $\pm$ 164.945 χ^2 /NDF: 9.7/2

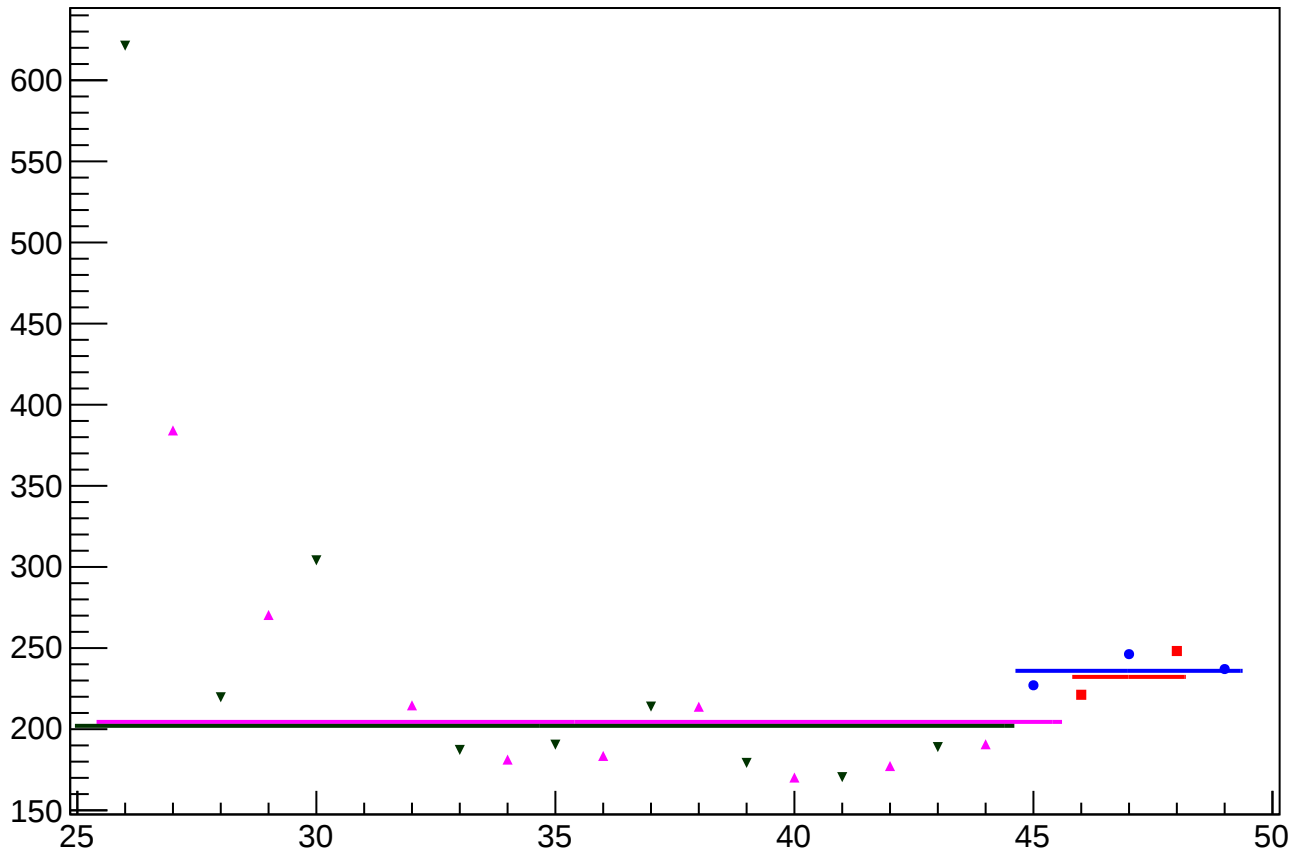
Left Out: -26.215 $\pm$ 95.391 χ^2 /NDF:16.0/8

Right Out: 392.442 $\pm$ 239.829 χ^2 /NDF: 10.5/1

Left In: 84.239 $\pm$ 89.930 χ^2 /NDF:4.1/8

54.546 $\pm$ 58.958 χ^2 /NDF: 43.1/22

asym_sam_15_avg_rms vs slug



Right In: 235.975+/-0.117 χ^2/NDF : 3725.9/2

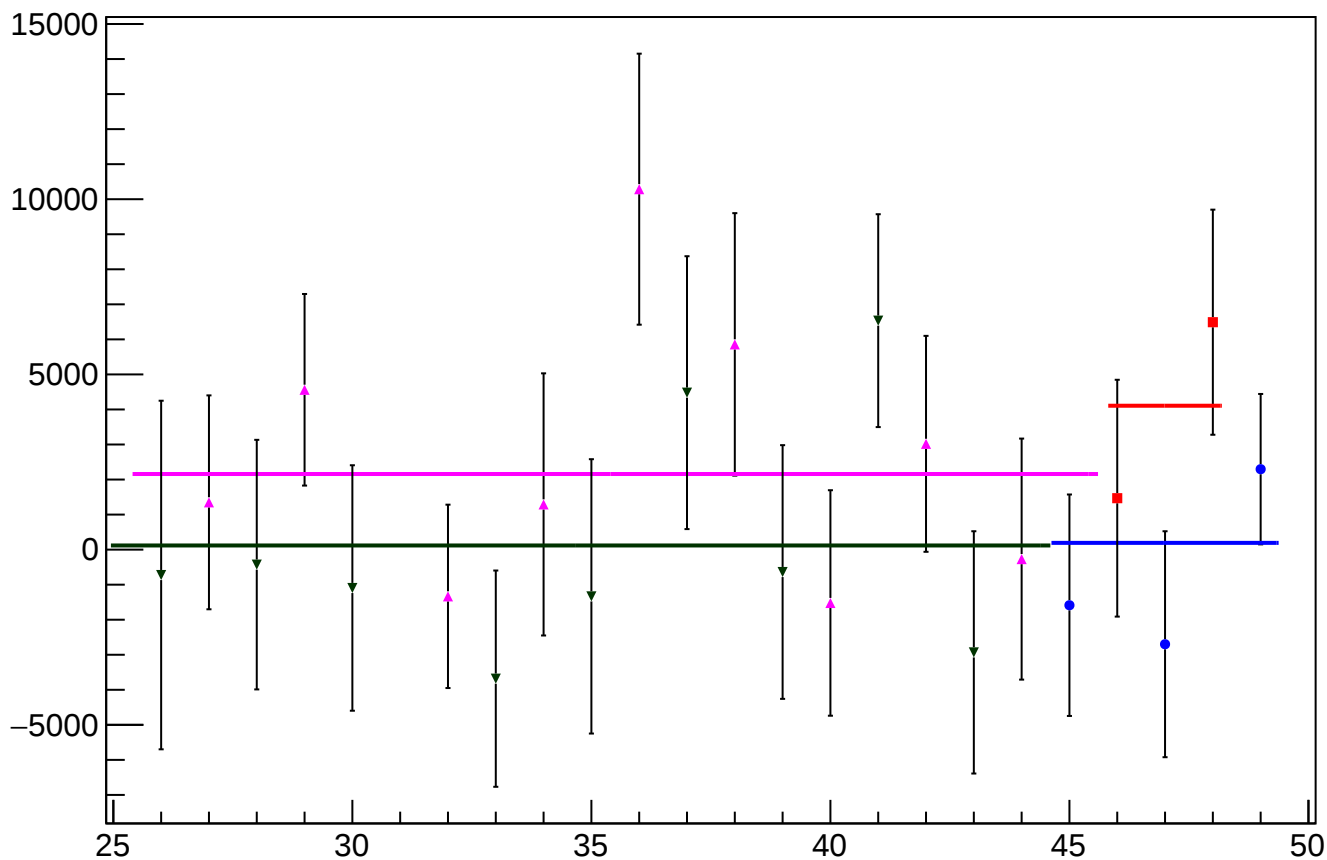
Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

209.270+/-0.042 χ^2/NDF : 1251148.3/22

Right Out: 232.235+/-0.170 χ^2/NDF : 6112.0/1

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

asym_sam_26_avg_mean vs slug



Right In: 193.011+/-1555.302 χ^2/NDF : 2.1/2

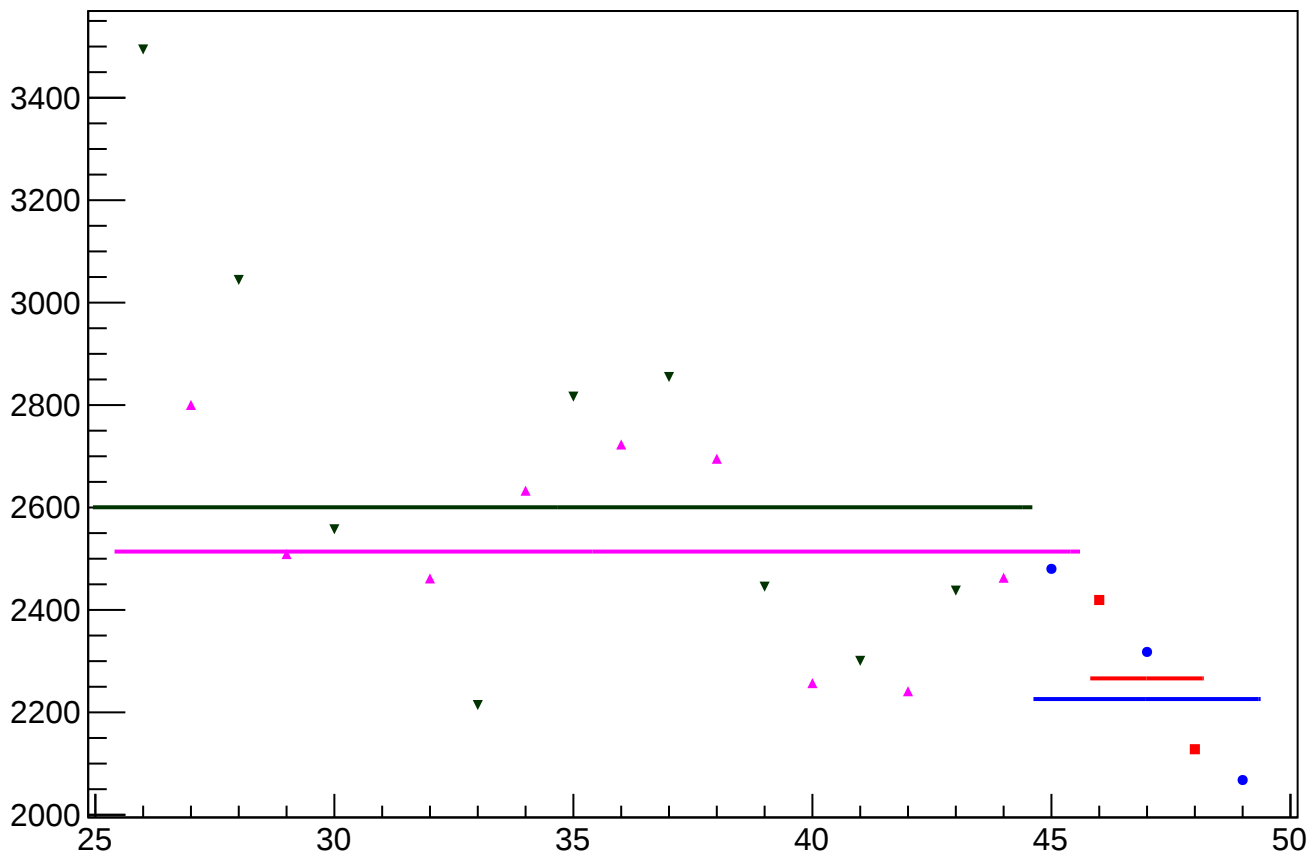
Left Out: 118.708+/-1190.644 χ^2/NDF : 8.4/8

Right Out: 4106.561+/-2328.052 χ^2/NDF : 1.2/1

Left In: 2158.051+/-1063.969 χ^2/NDF : 10.0/8

1293.091+/-676.251 χ^2/NDF : 25.2/22

asym_sam_26_avg_rms vs slug



Right In: 2225.989+/-1.100 χ^2/NDF : 25422.8/2

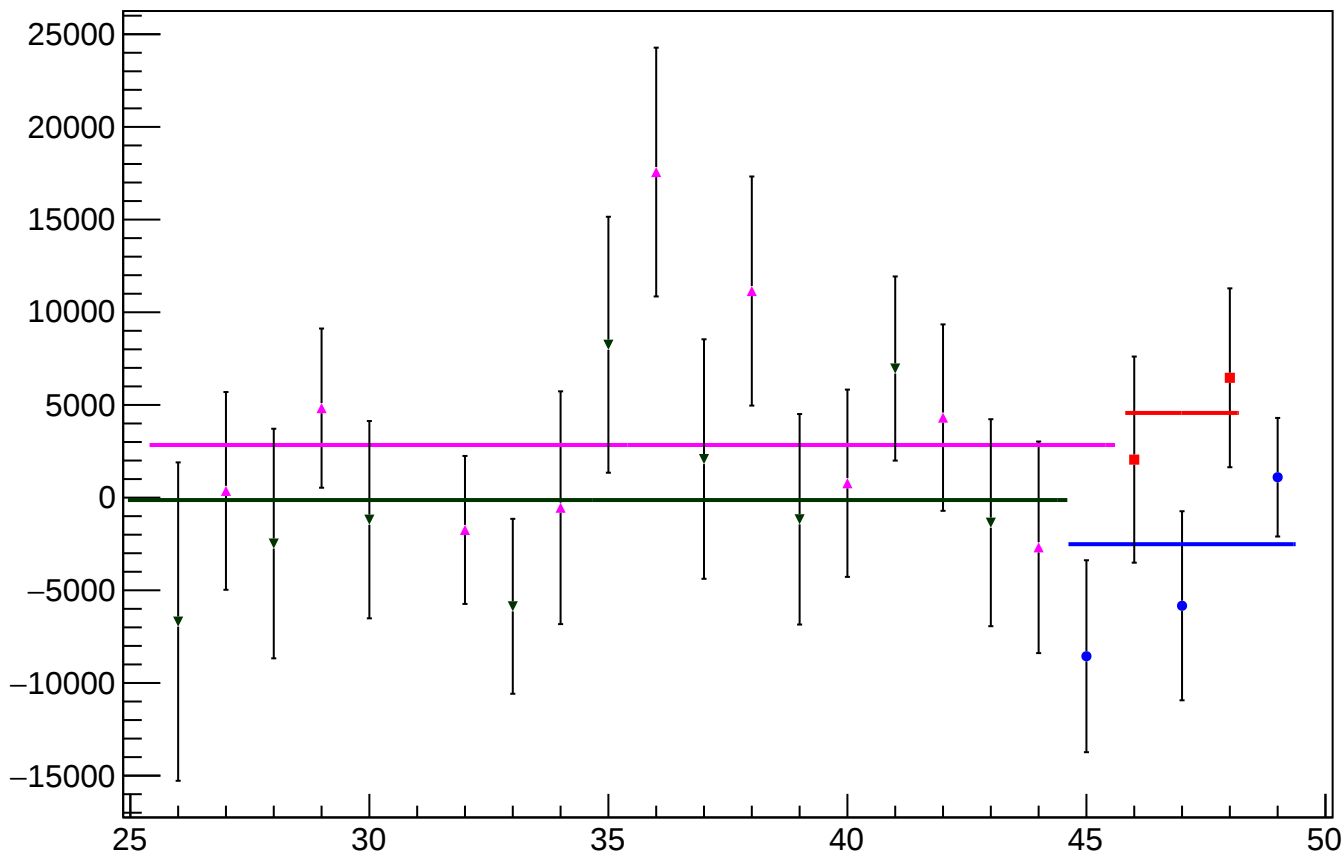
Left Out: 2600.445+/-0.842 χ^2/NDF : 169500.1/8

Right Out: 2266.318+/-1.646 χ^2/NDF : 7812.2/1

Left In: 2513.944+/-0.752 χ^2/NDF : 59815.8/8

2466.515+/-0.478 χ^2/NDF : 354453.2/22

asym_sam_37_avg_mean vs slug



Right In: -2512.371 $\pm$ 2400.814 χ^2/NDF : 3.1/2

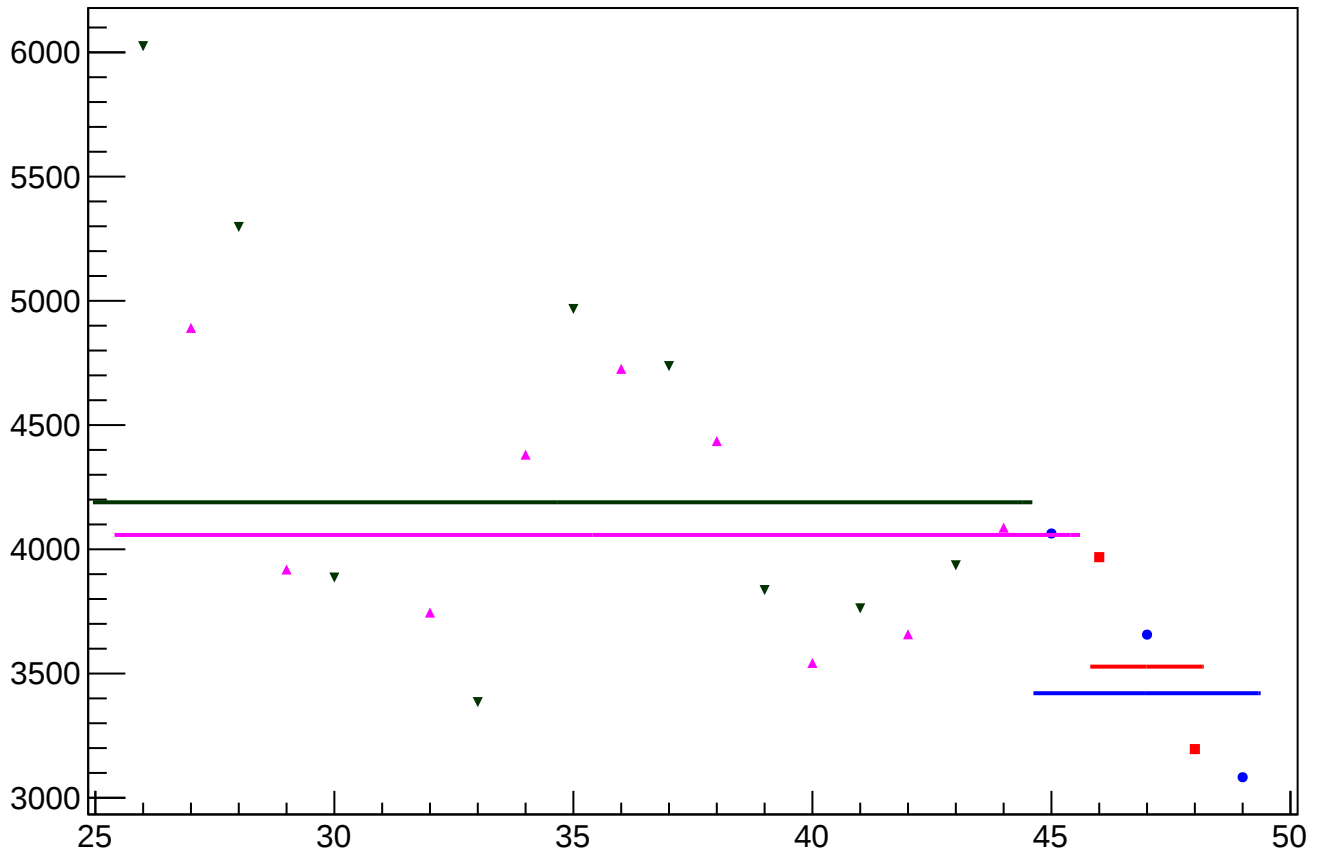
Left Out: -130.759 $\pm$ 1930.273 χ^2/NDF : 6.0/8

Right Out: 4568.633 $\pm$ 3644.213 χ^2/NDF : 0.4/1

Left In: 2838.910 $\pm$ 1727.020 χ^2/NDF : 9.8/8

967.632 $\pm$ 1083.087 χ^2/NDF : 23.8/22

asym_sam_37_avg_rms vs slug



Right In: 3420.795 ± 1.698 $\chi^2/\text{NDF}: 57461.7/2$

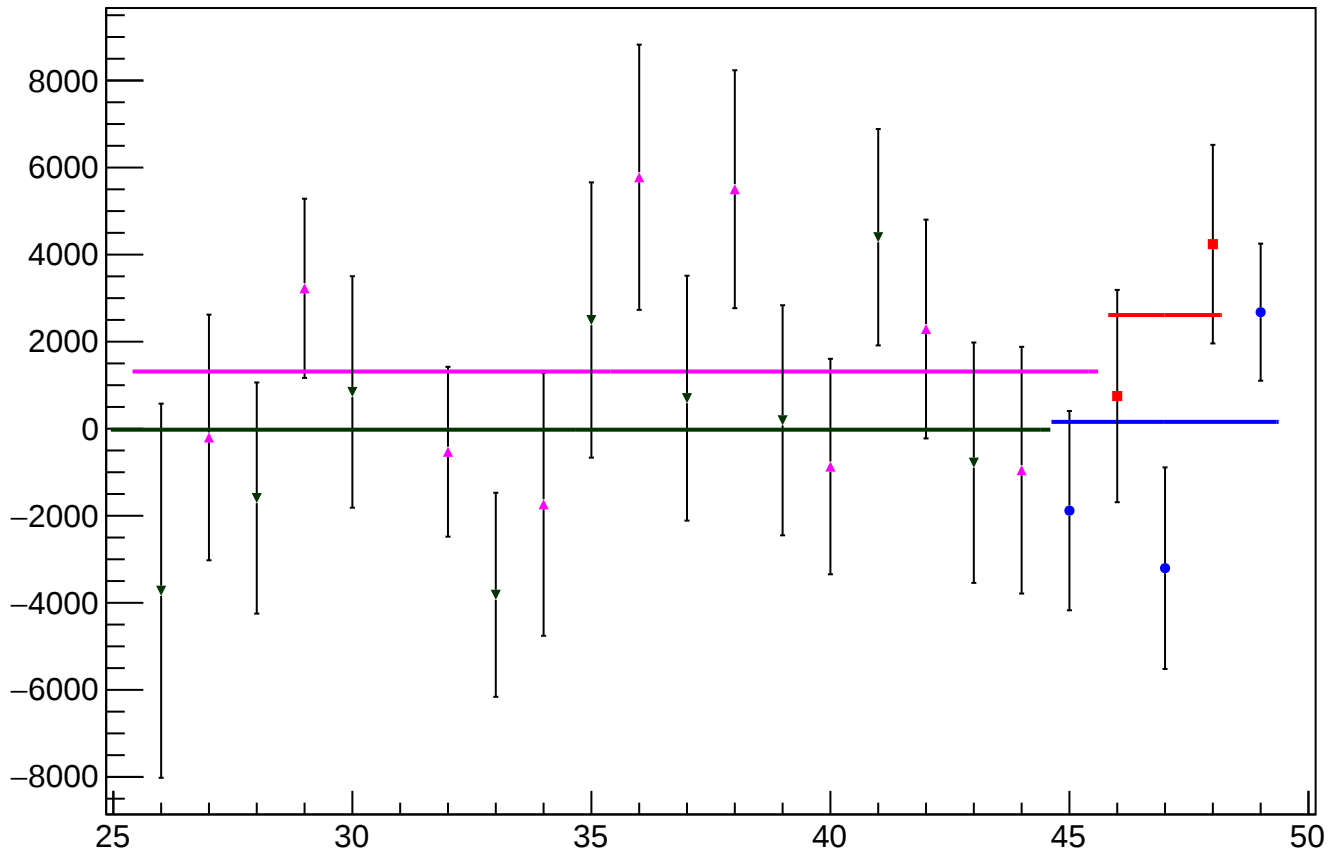
Left Out: 4189.232 ± 1.365 $\chi^2/\text{NDF}: 286354.4/8$

3922.724 ± 0.766 $\chi^2/\text{NDF}: 656360.7/22$

Right Out: 3527.775 ± 2.577 $\chi^2/\text{NDF}: 22019.9/1$

Left In: 4057.817 ± 1.221 $\chi^2/\text{NDF}: 129253.0/8$

asym_sam_48_avg_mean vs slug



Right In: 157.382 ± 1131.812 $\chi^2/\text{NDF}: 5.5/2$

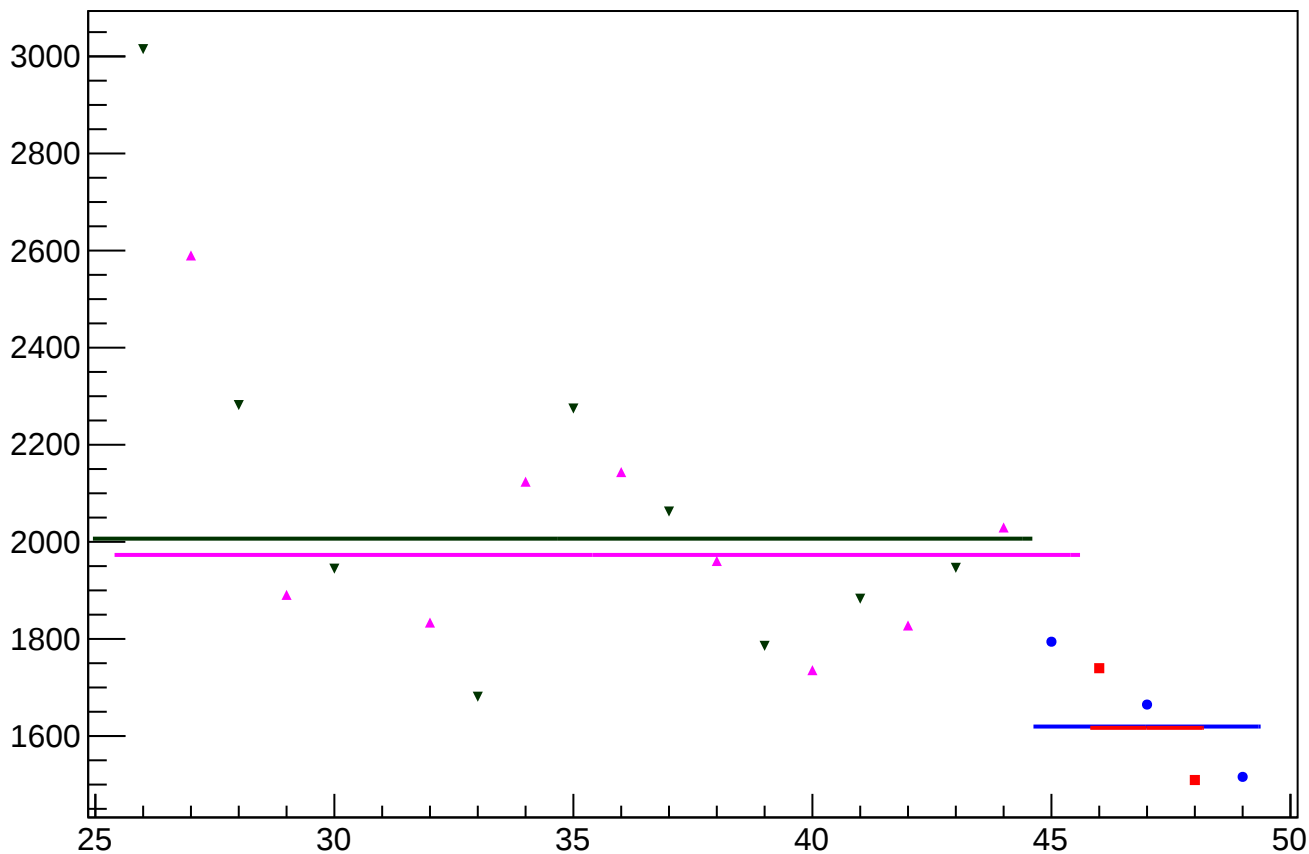
Left Out: -22.507 ± 919.850 $\chi^2/\text{NDF}: 7.8/8$

775.940 ± 516.798 $\chi^2/\text{NDF}: 26.1/22$

Right Out: 2611.936 ± 1666.067 $\chi^2/\text{NDF}: 1.1/1$

Left In: 1314.189 ± 838.756 $\chi^2/\text{NDF}: 9.1/8$

asym_sam_48_avg_rms vs slug



Right In: 1619.534 ± 0.800 χ^2/NDF : 21090.1/2

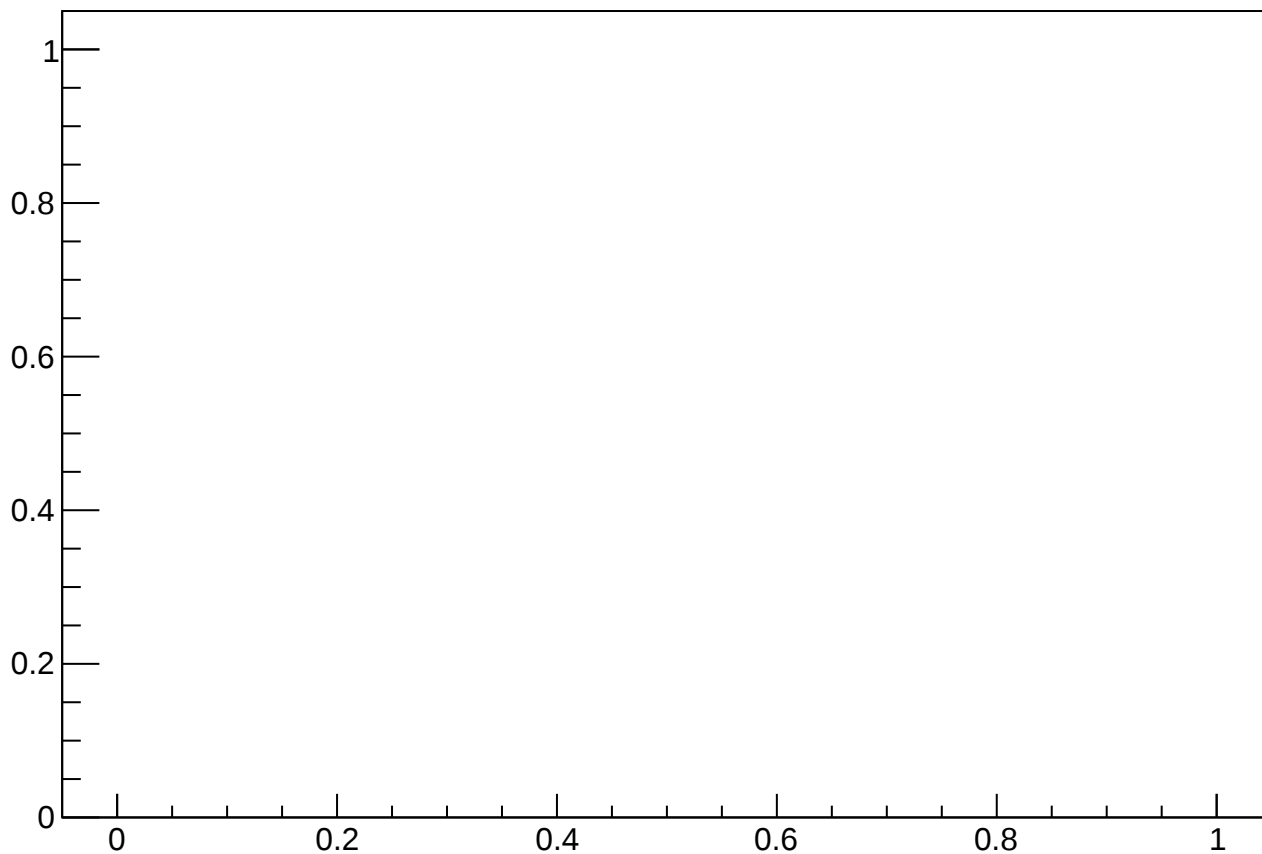
Left Out: 2006.587 ± 0.650 χ^2/NDF : 206255.1/8

Right Out: 1616.882 ± 1.178 χ^2/NDF : 9514.7/1

Left In: 1973.076 ± 0.593 χ^2/NDF : 146156.0/8

1875.671 ± 0.365 χ^2/NDF : 601184.3/22

yield_sam_15_avg_mean vs slug



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

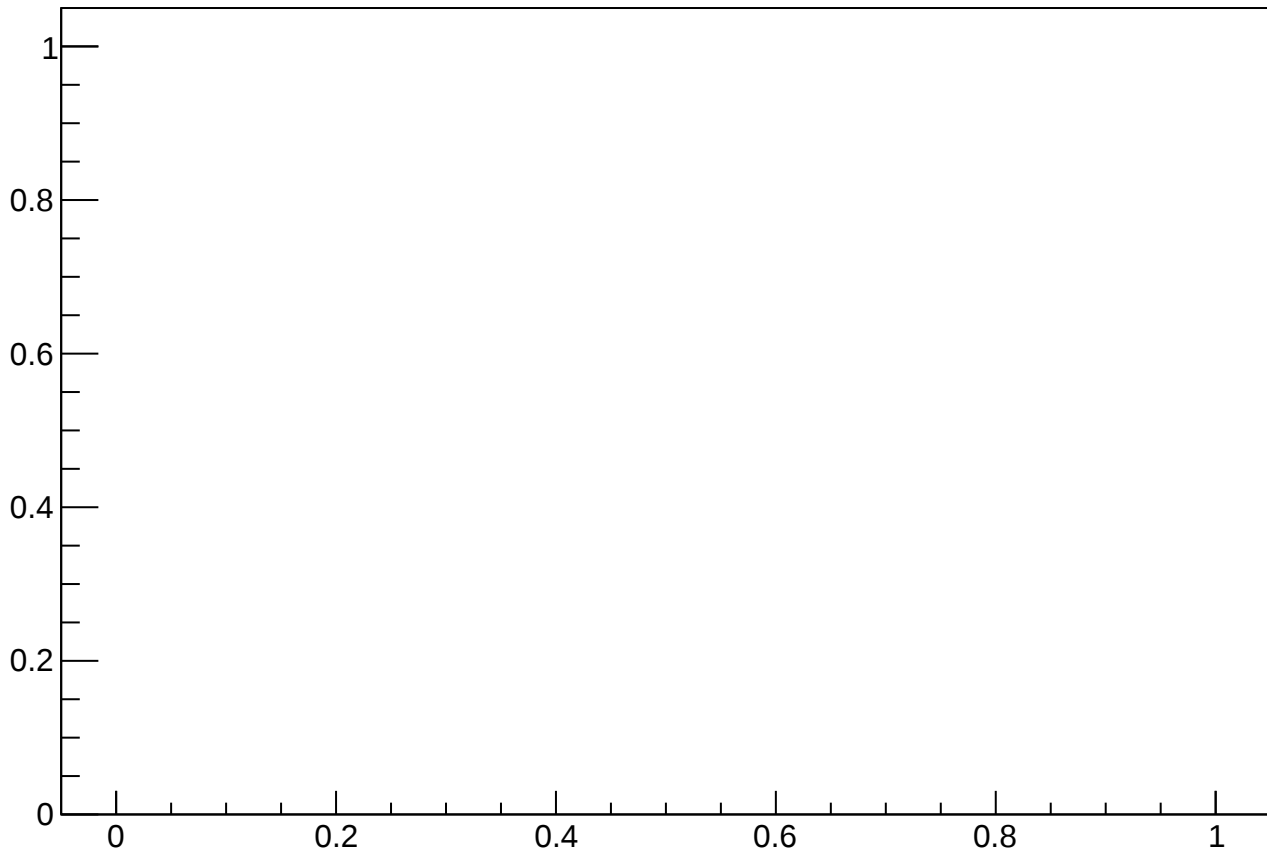
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

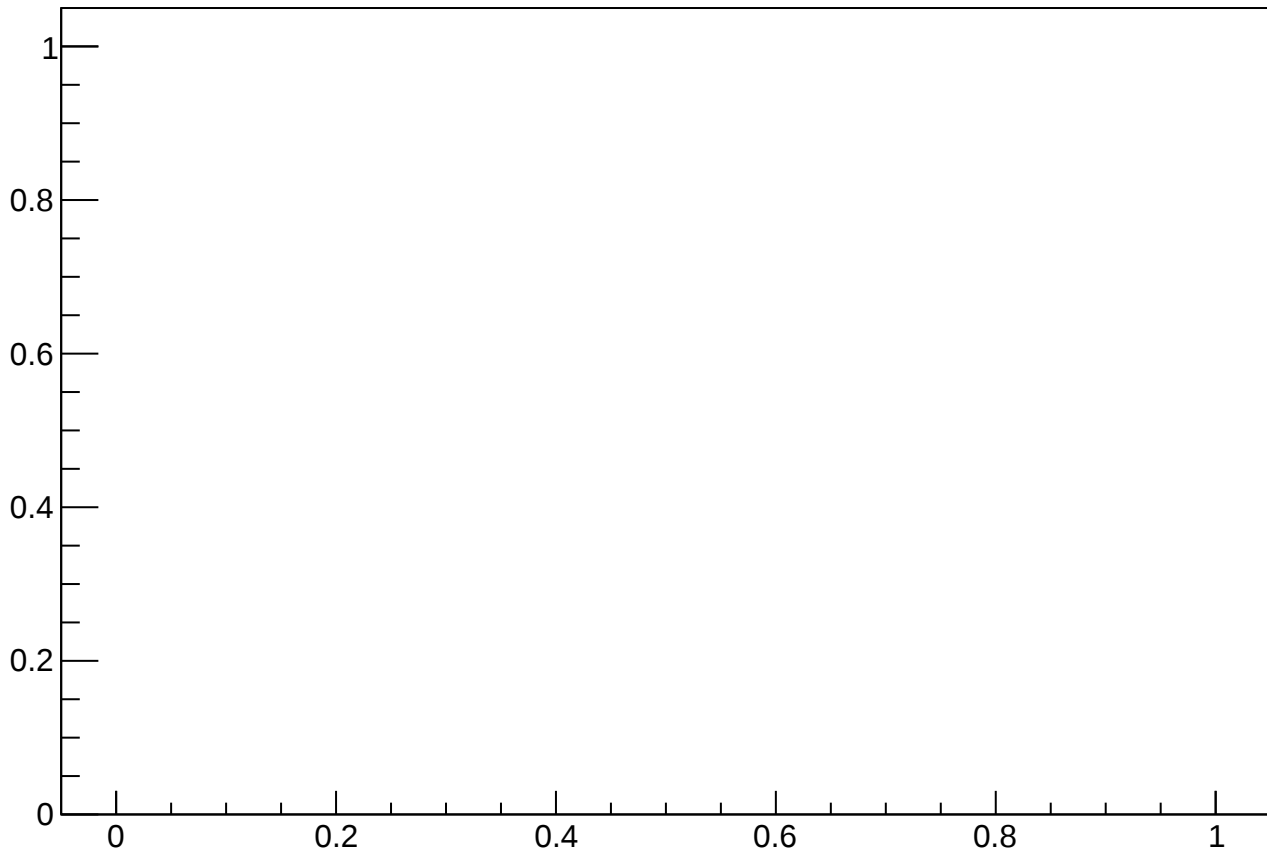
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_mean vs slug



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

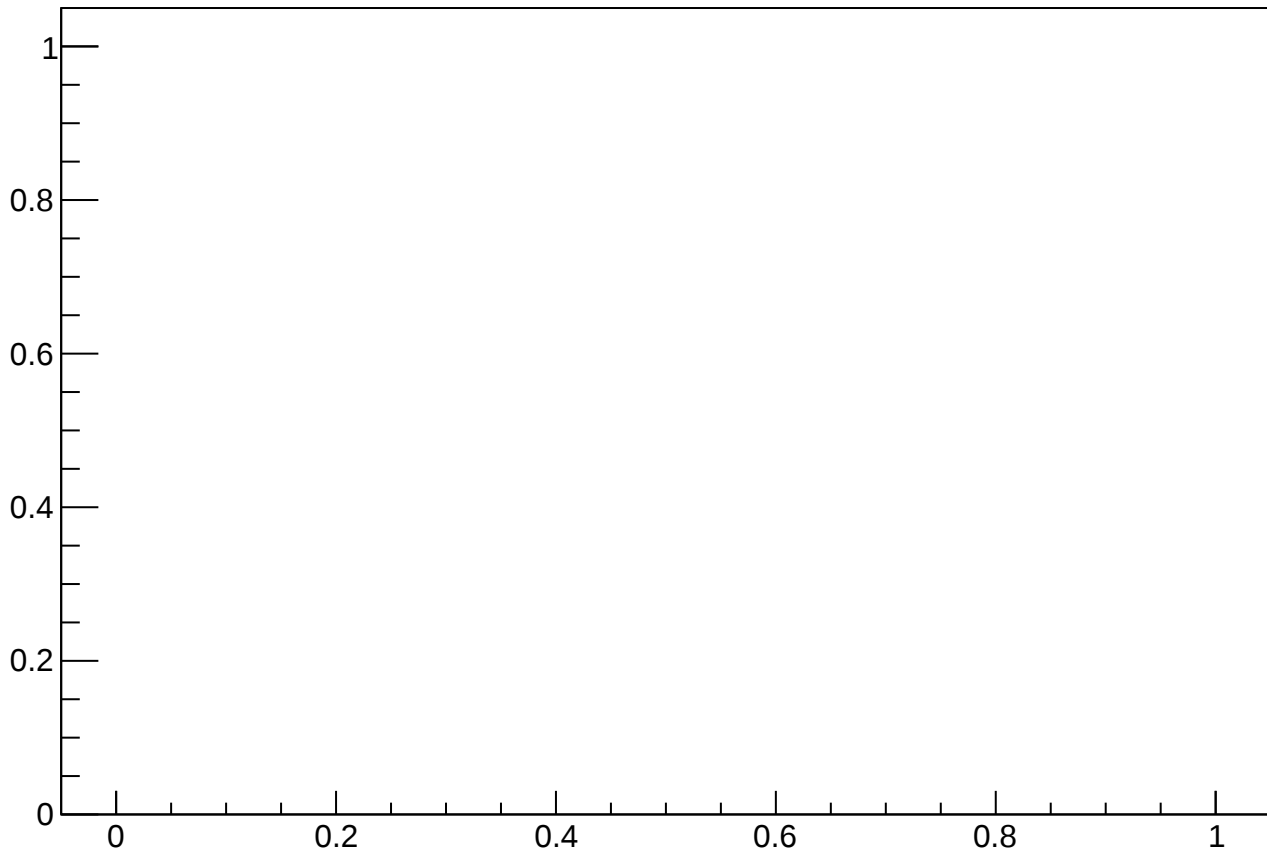
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



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

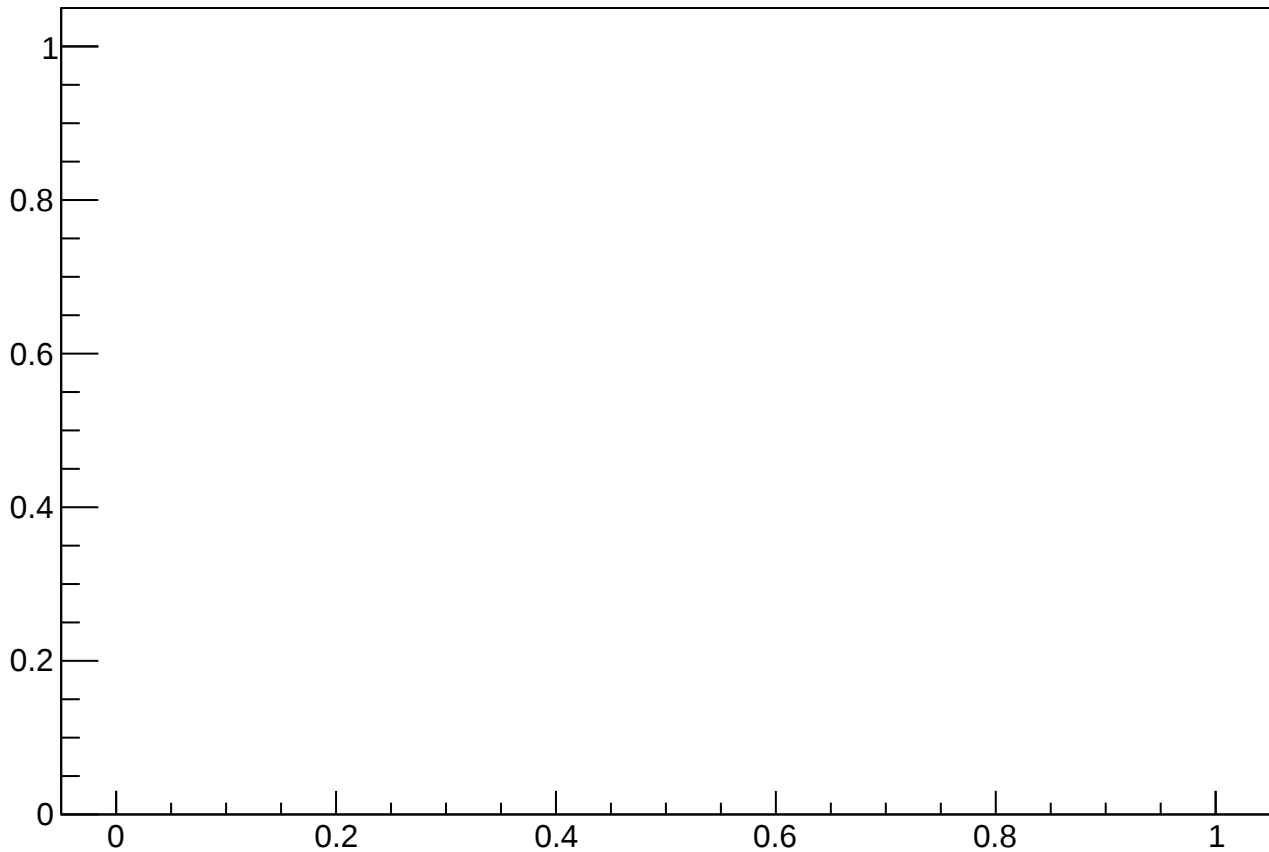
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_avg_mean vs slug



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

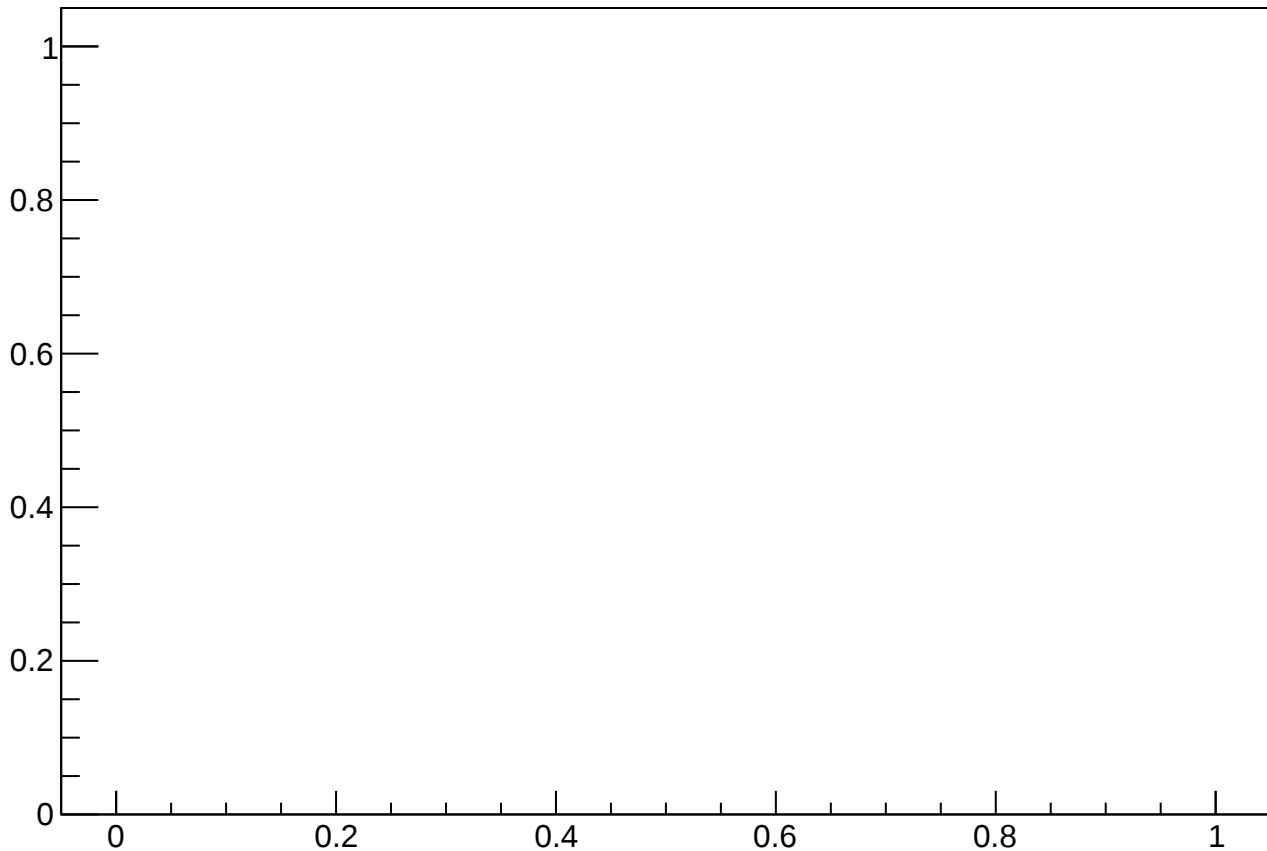
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_rms vs slug



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

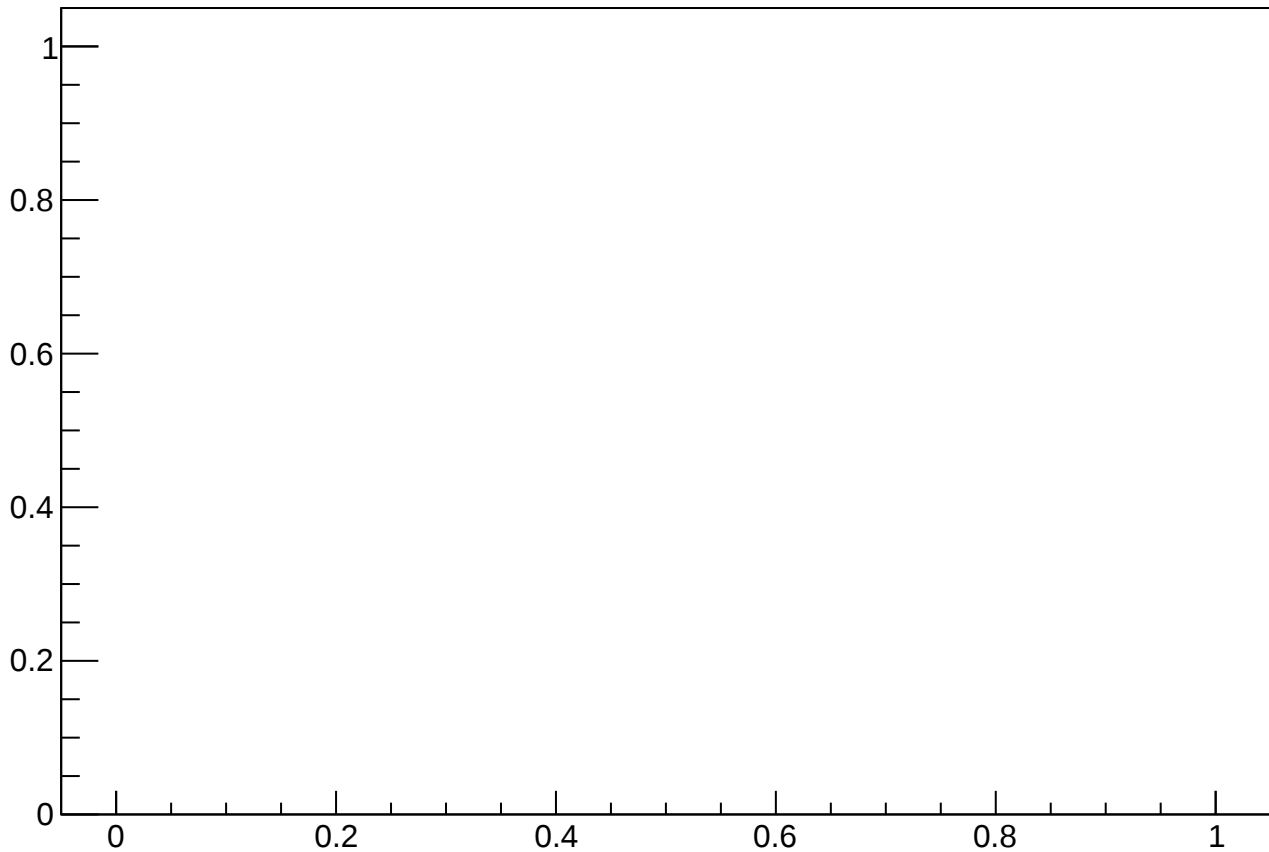
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_48_avg_mean vs slug



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

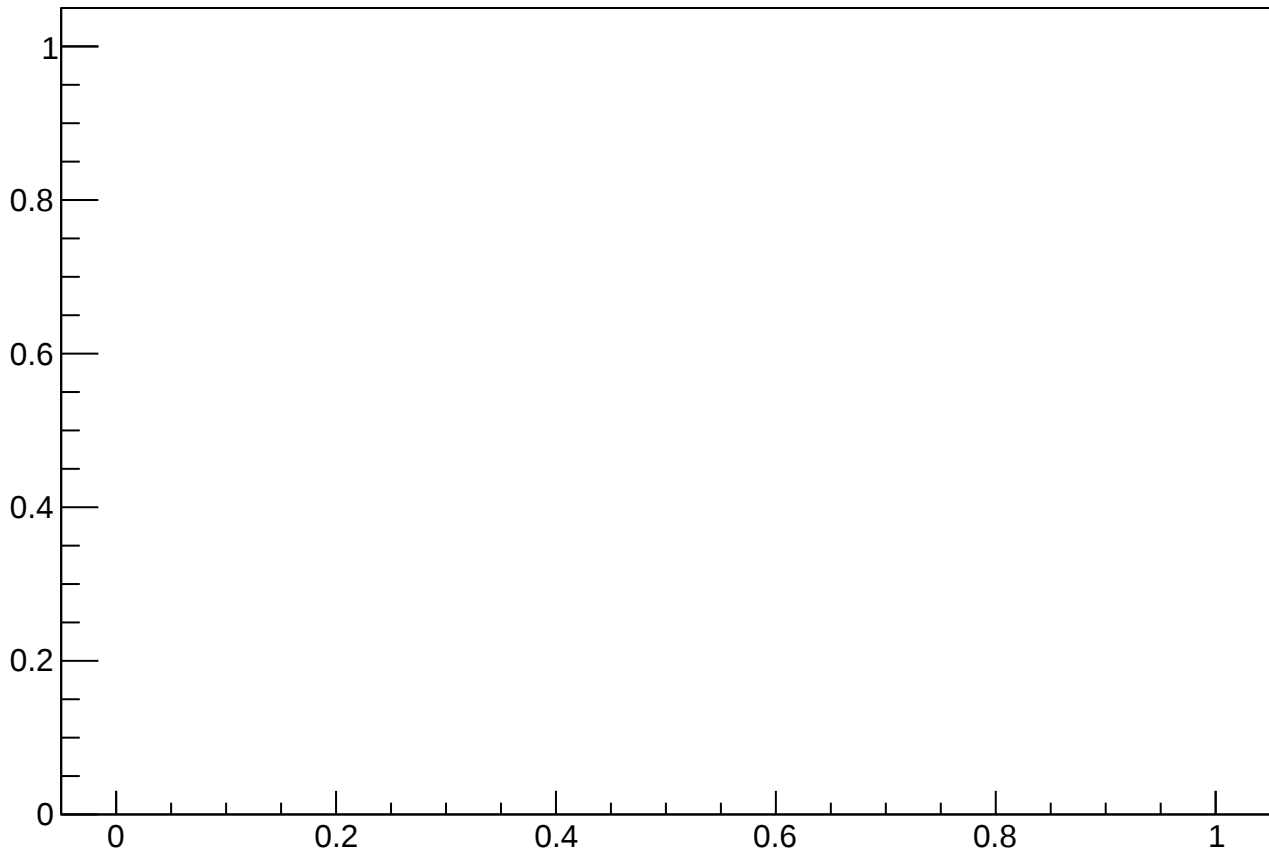
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_rms vs slug



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

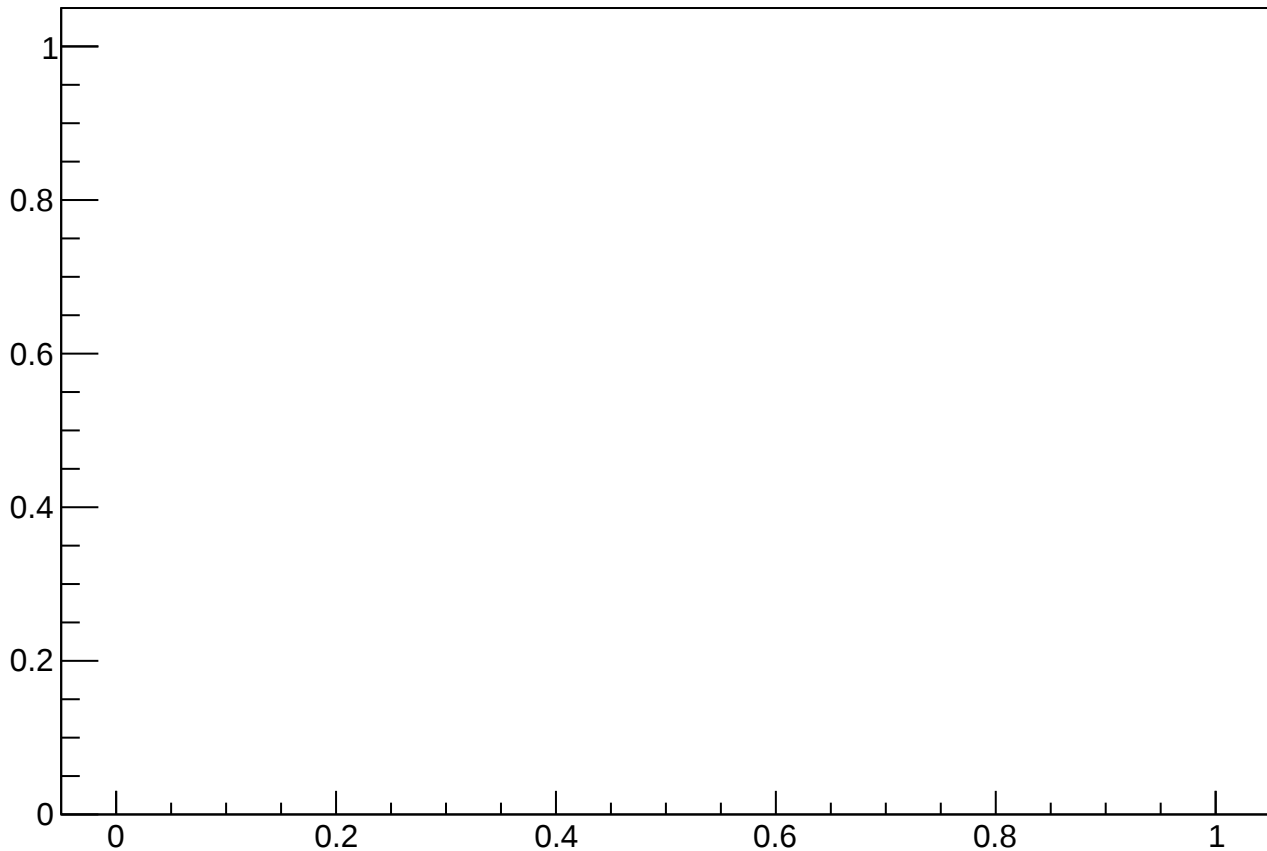
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_15_avg_mean vs slug



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

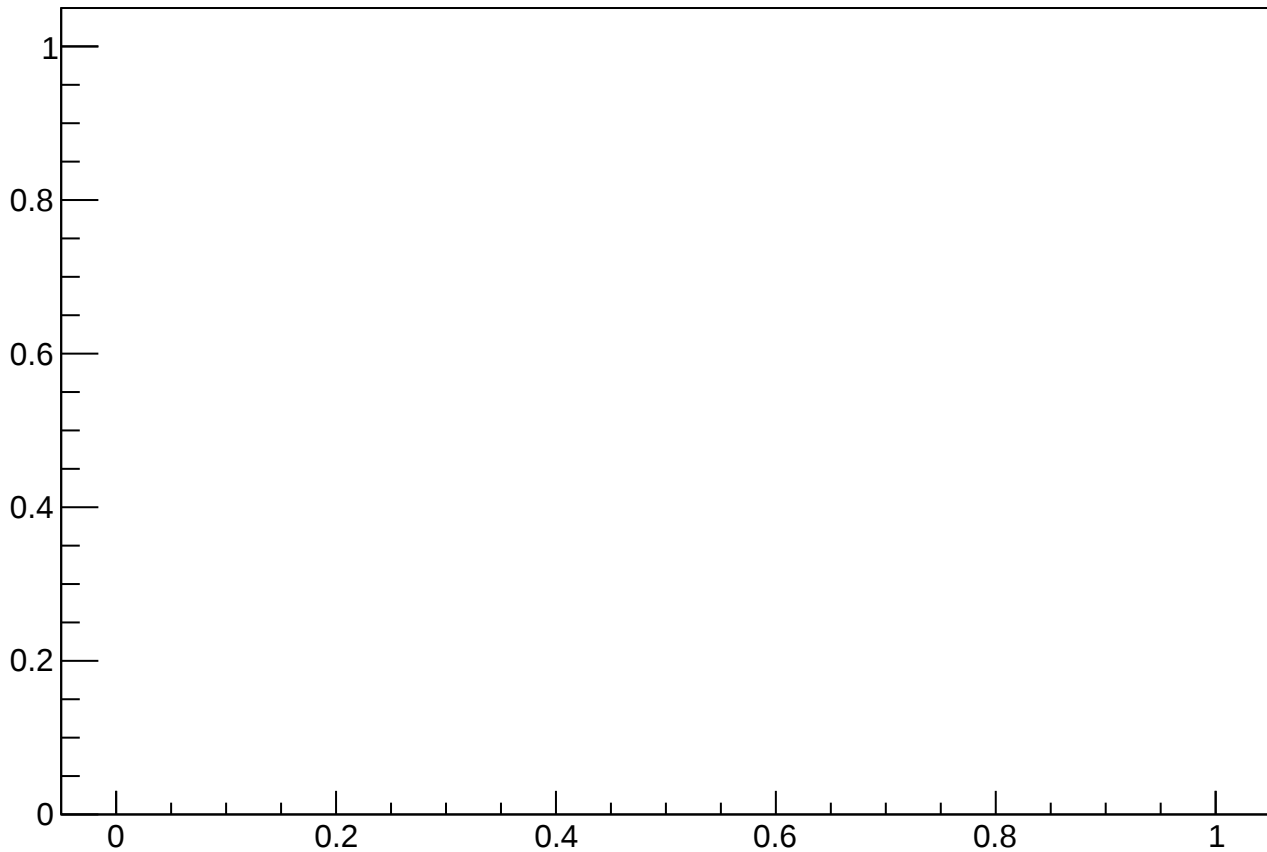
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

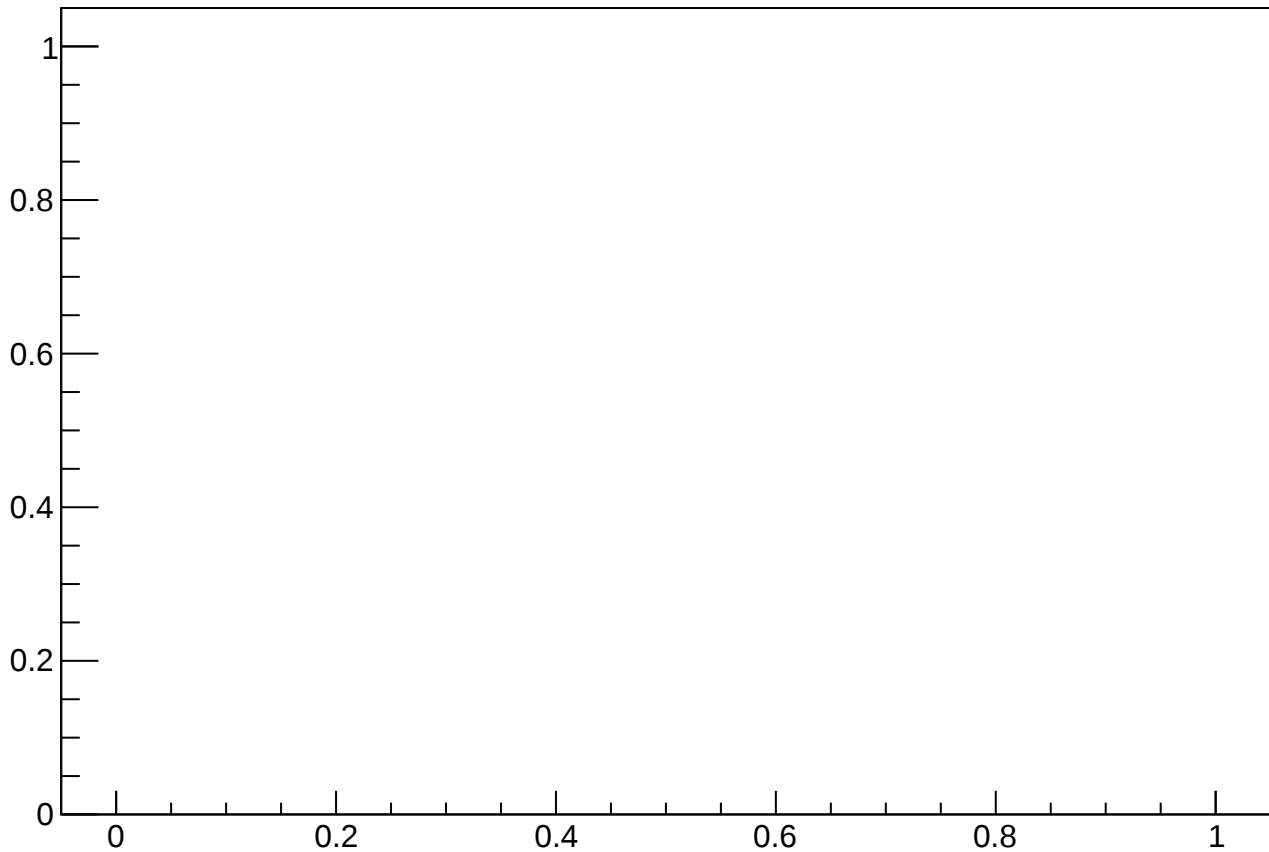
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

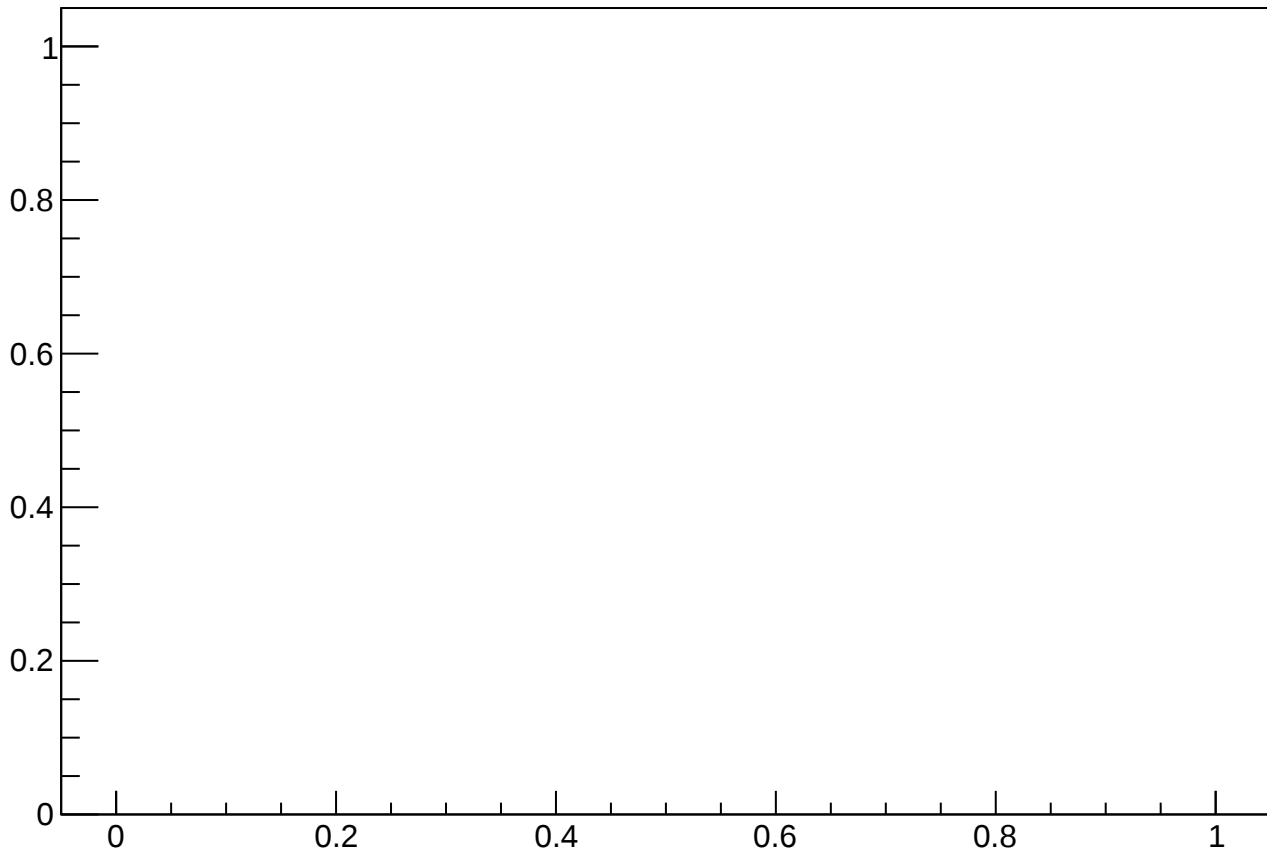
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

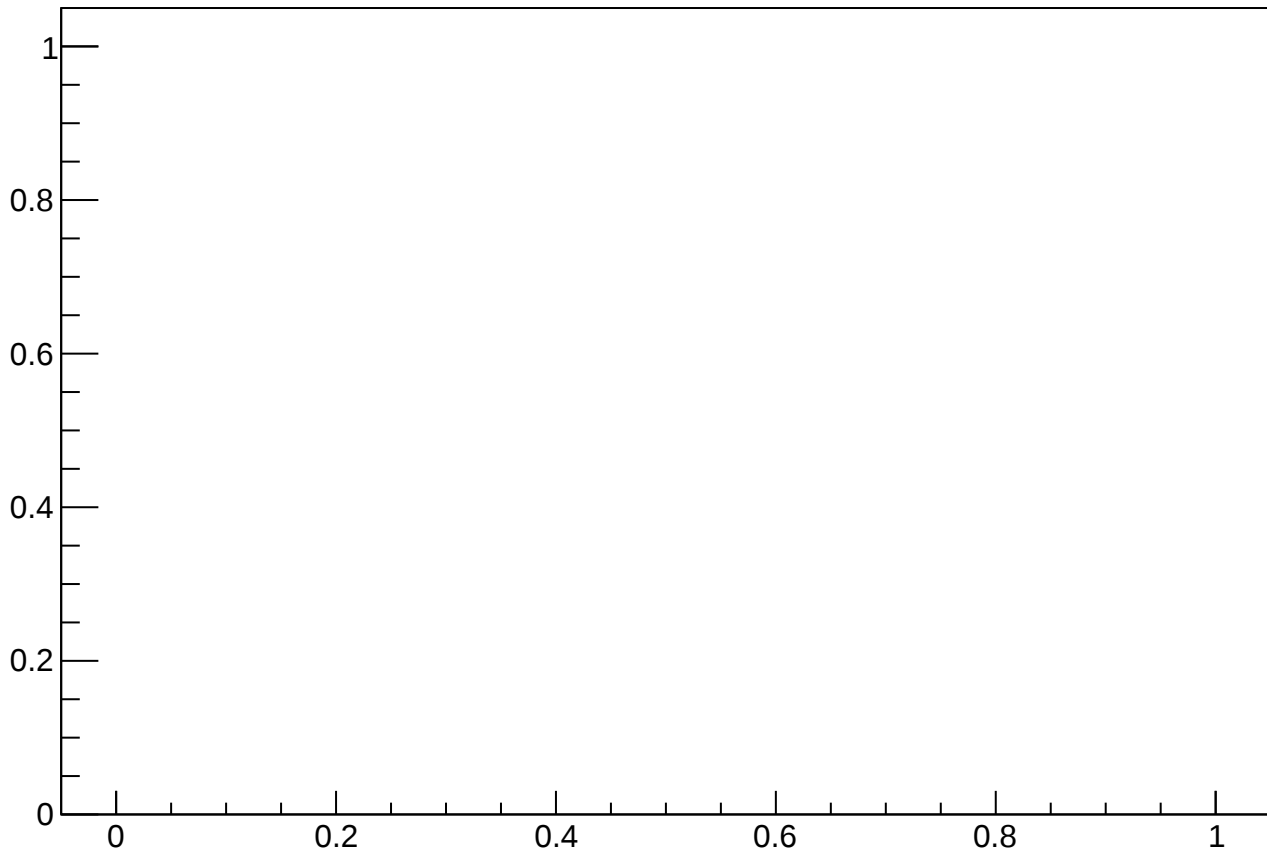
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_avg_mean vs slug



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

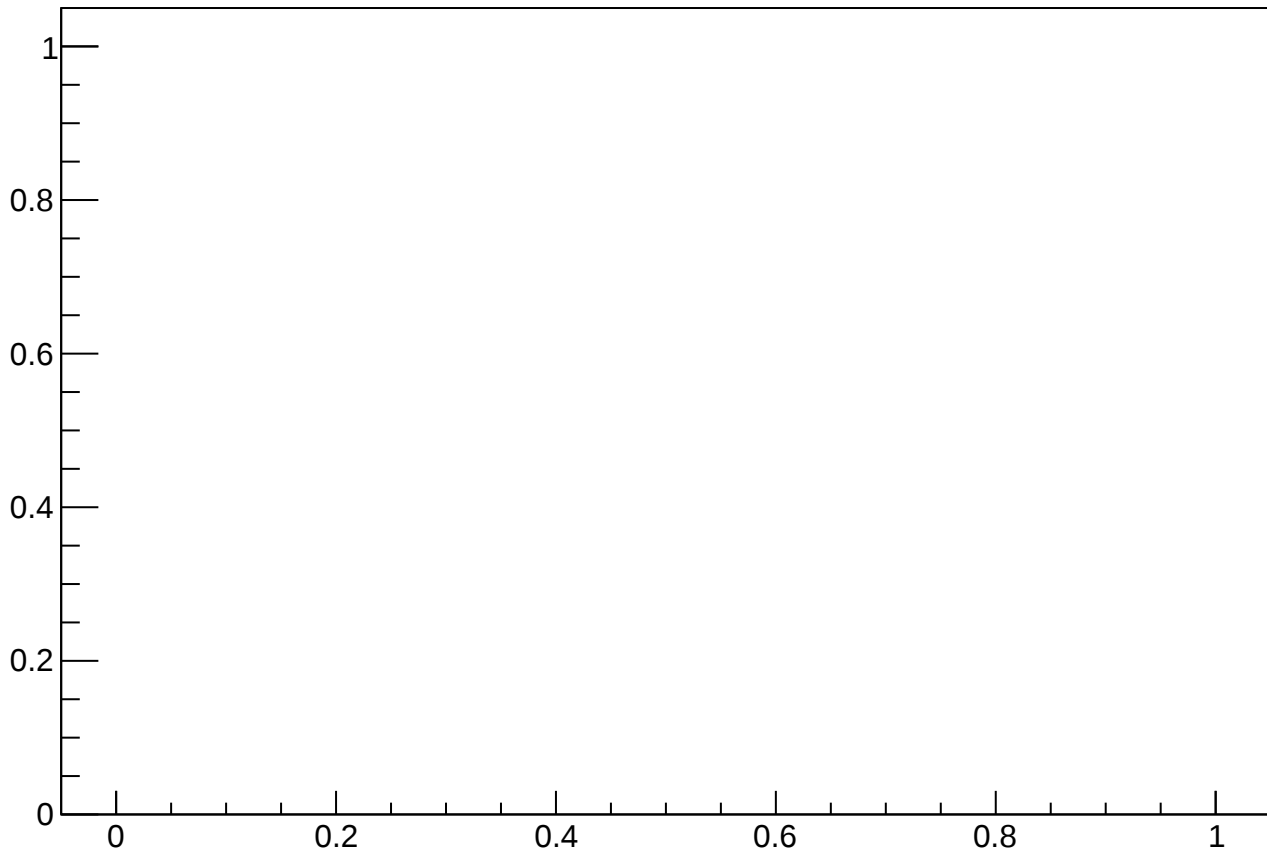
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

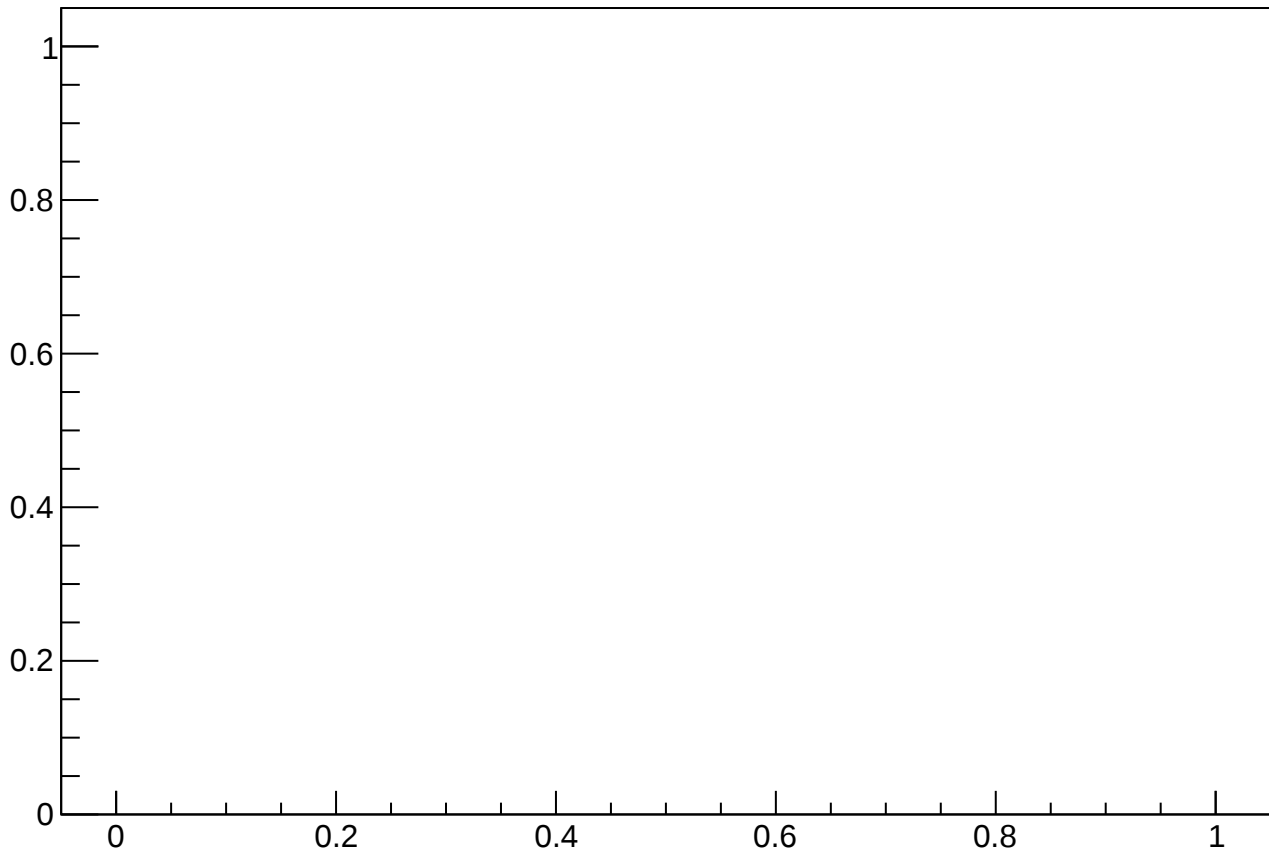
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_48_avg_mean vs slug



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

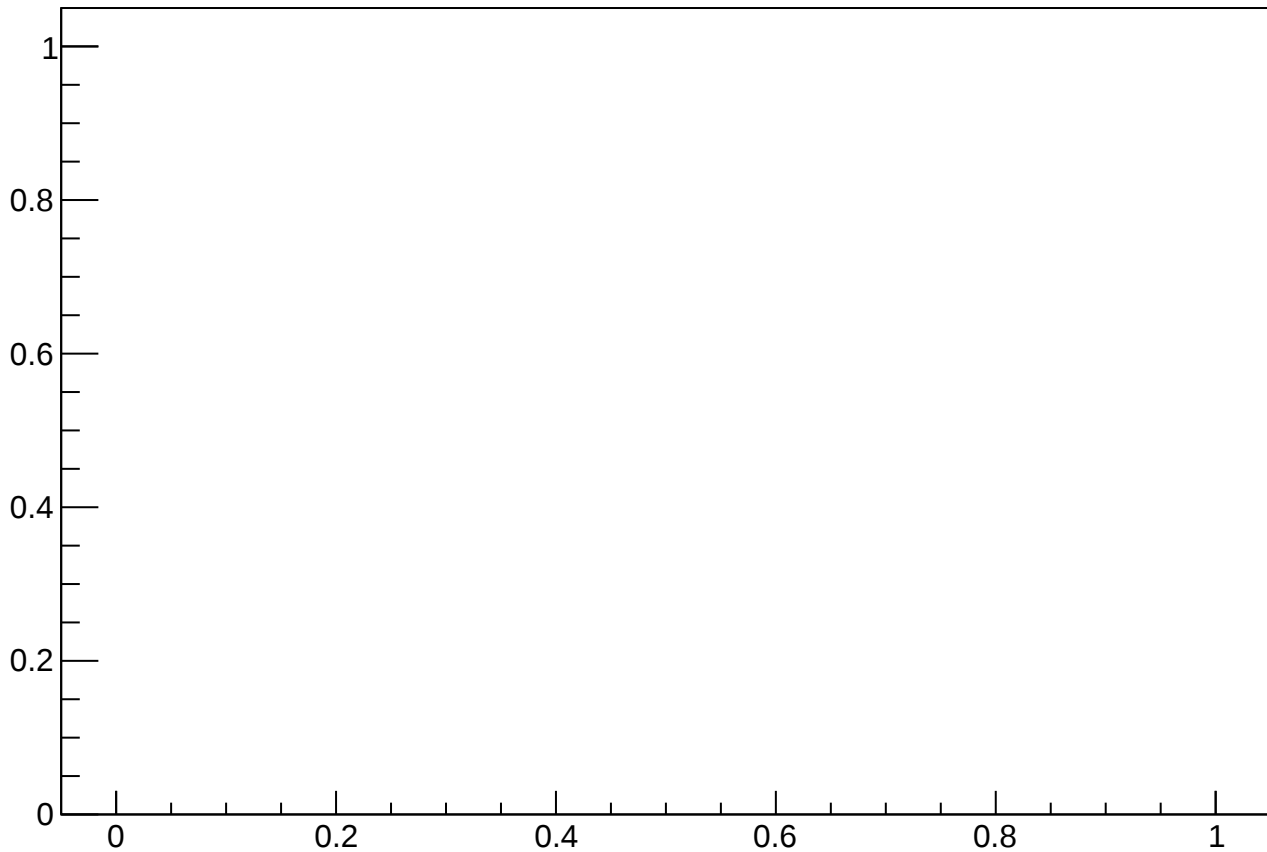
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_rms vs slug



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

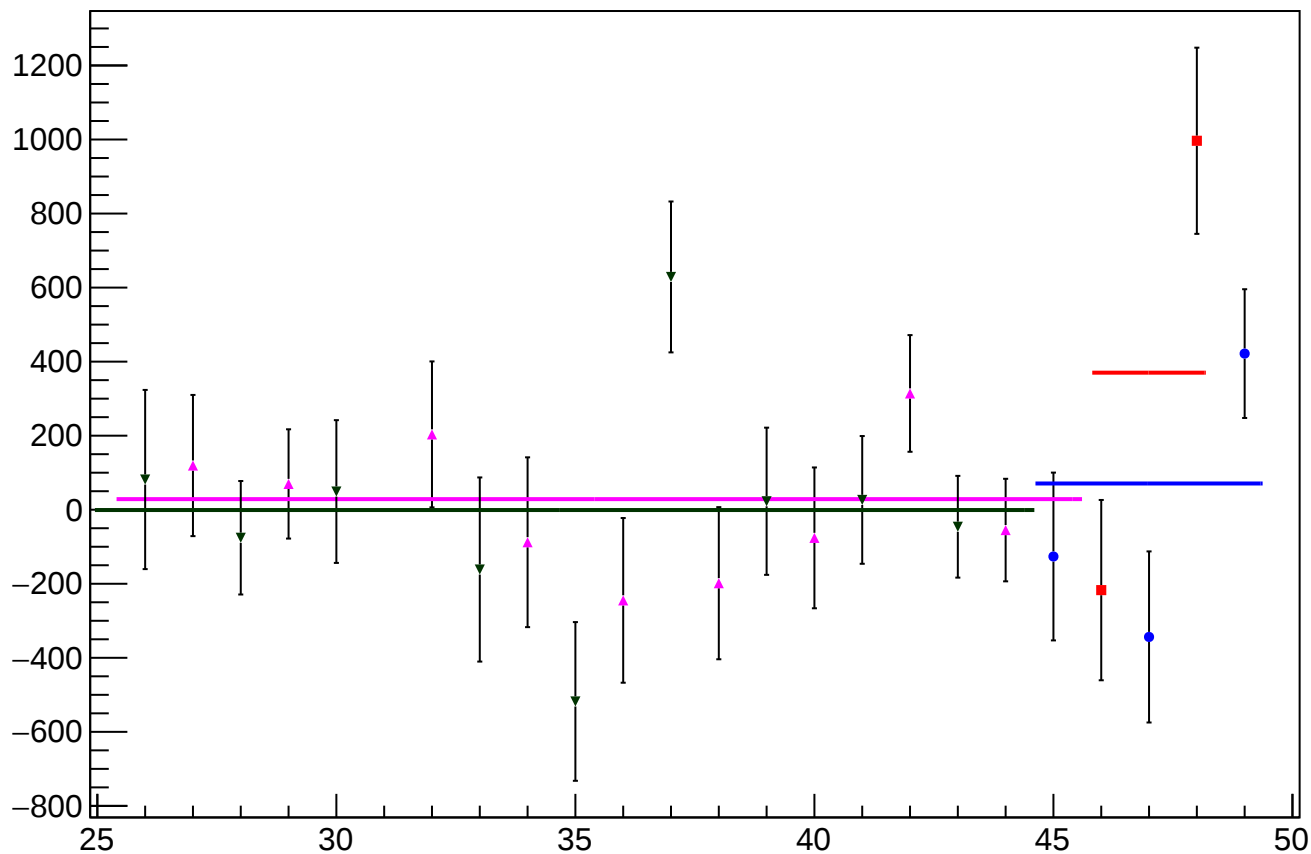
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: 70.863+/-118.454 χ^2/NDF : 8.0/2

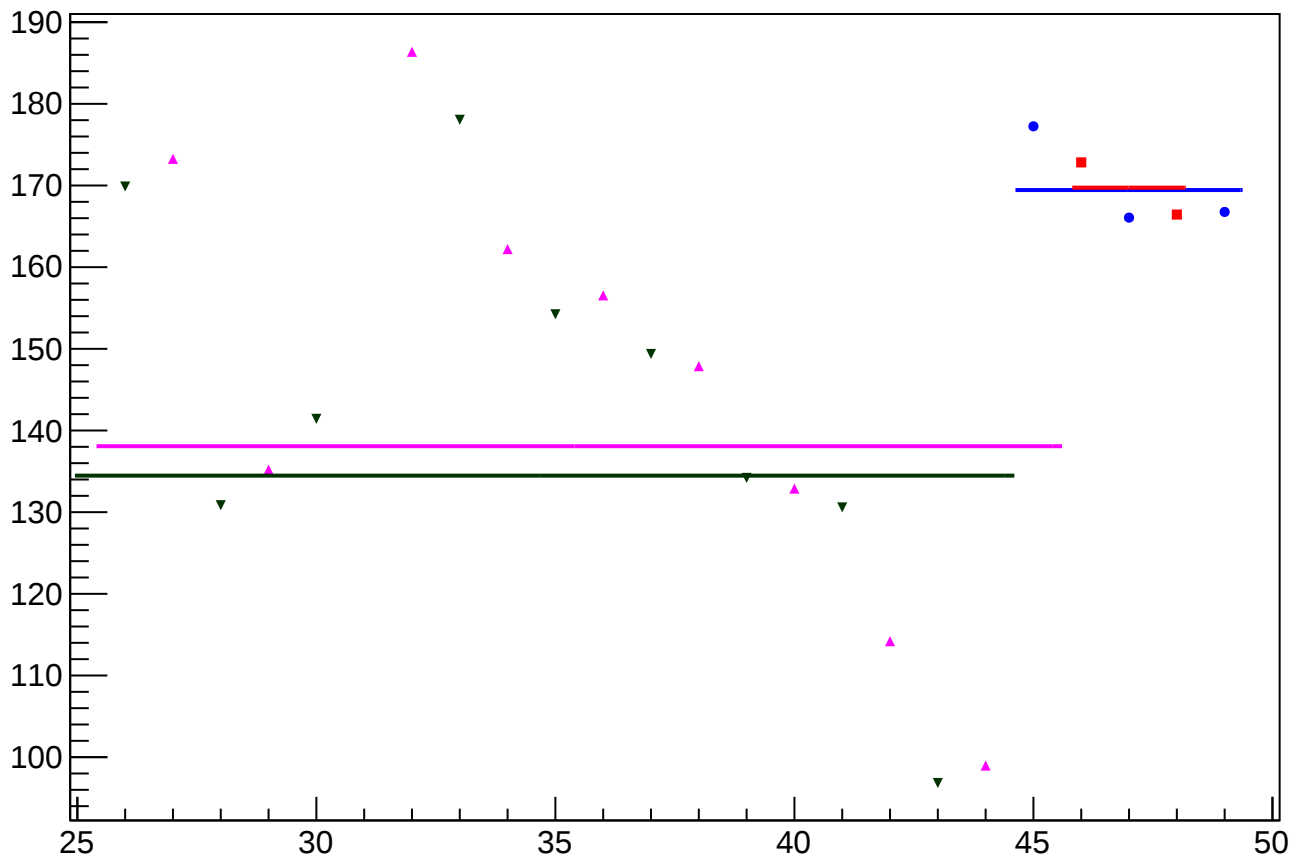
Left Out: -0.841+/-61.970 χ^2/NDF :16.4/8

Right Out: 370.202+/-174.940 χ^2/NDF : 12.0/1

Left In: 28.630+/-59.539 χ^2/NDF :8.0/8

38.680+/-39.331 χ^2/NDF : 48.5/22

reg_asym_sam_15_avg_rms vs slug



Right In: 169.444+/-0.084 χ^2/NDF : 3273.9/2

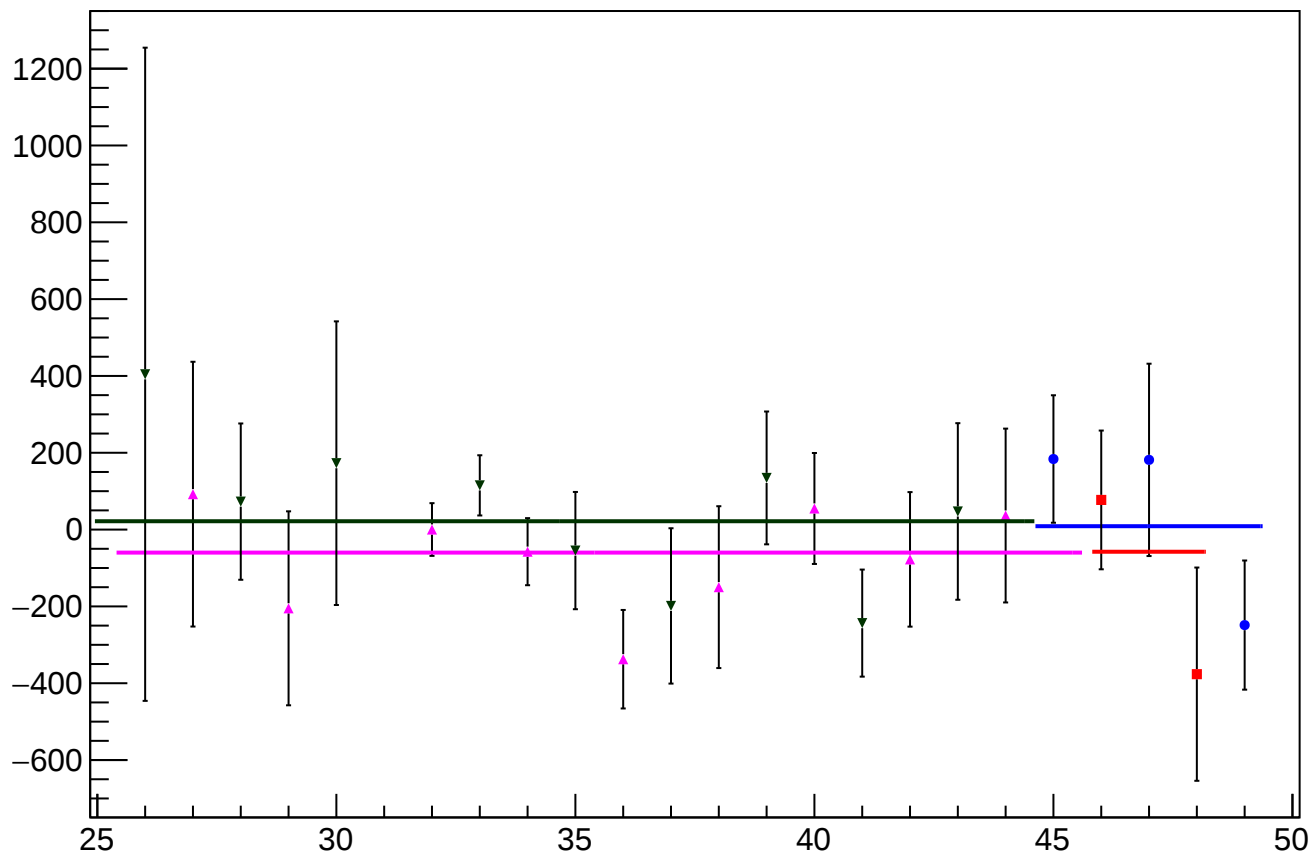
Left Out: 134.474+/-0.044 χ^2/NDF : 286634.1/8

Right Out: 169.740+/-0.124 χ^2/NDF : 666.4/1

Left In: 138.078+/-0.042 χ^2/NDF : 436286.0/8

141.685+/-0.028 χ^2/NDF : 922553.4/22

asym_sam_15_avg_correction_mean vs slug



Right In: 8.817 ± 106.809 $\chi^2/\text{NDF}: 3.9/2$

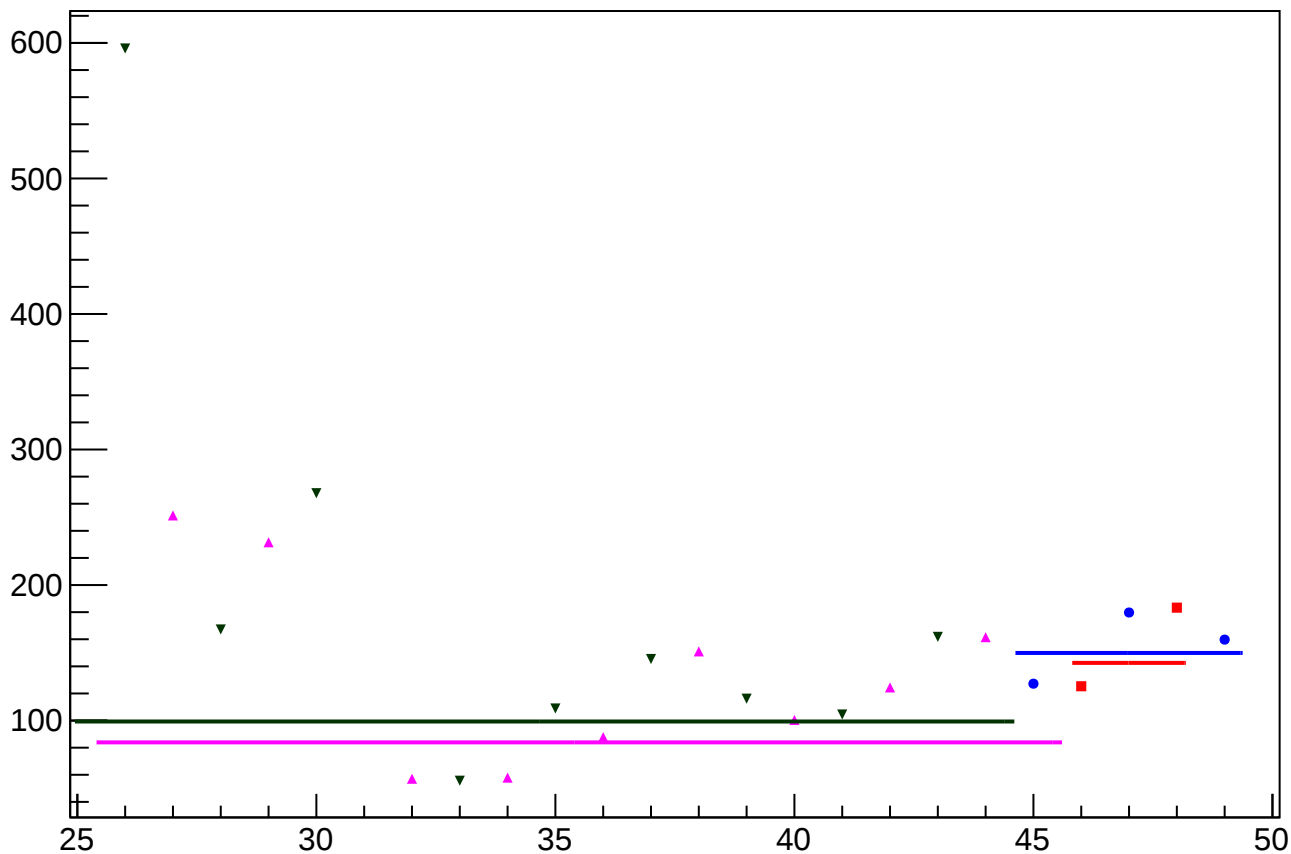
Left Out: 21.743 ± 52.206 $\chi^2/\text{NDF}: 7.4/8$

Right Out: -57.680 ± 151.377 $\chi^2/\text{NDF}: 1.9/1$

Left In: -59.919 ± 42.598 $\chi^2/\text{NDF}: 7.0/8$

-25.529 ± 30.871 $\chi^2/\text{NDF}: 21.8/22$

asym_sam_15_avg_correction_rms vs slug



Right In: 149.901 ± 0.076 χ^2/NDF : 72630.9/2

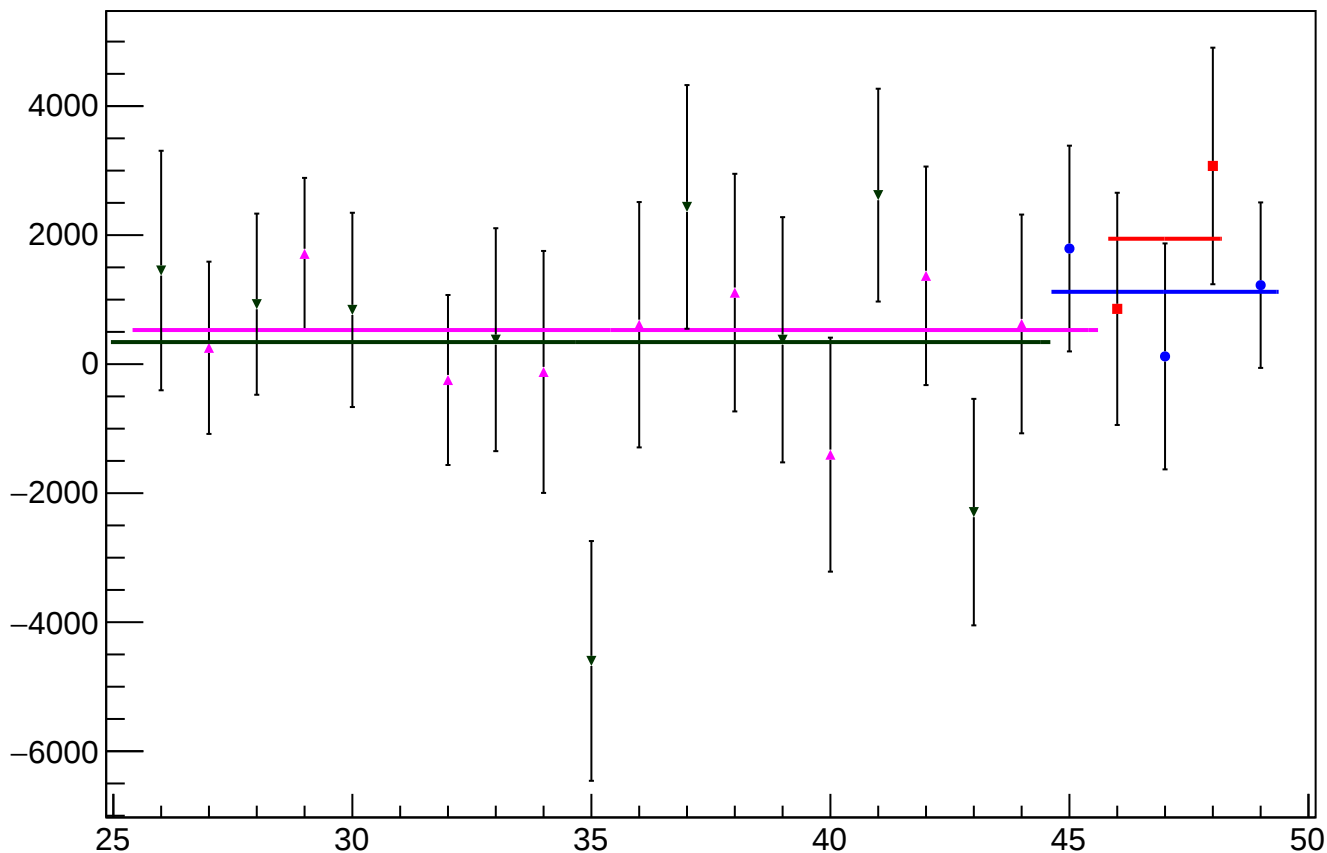
Left Out: 99.318 ± 0.037 χ^2/NDF : 2224371.1/8

Right Out: 142.565 ± 0.107 χ^2/NDF : 61340.2/1

Left In: 83.913 ± 0.030 χ^2/NDF : 2212587.0/8

97.251 ± 0.022 χ^2/NDF : 5435346.2/22

reg_asym_sam_26_avg_mean vs slug



Right In: 1121.227 $\pm$ 868.022 χ^2 /NDF: 0.5/2

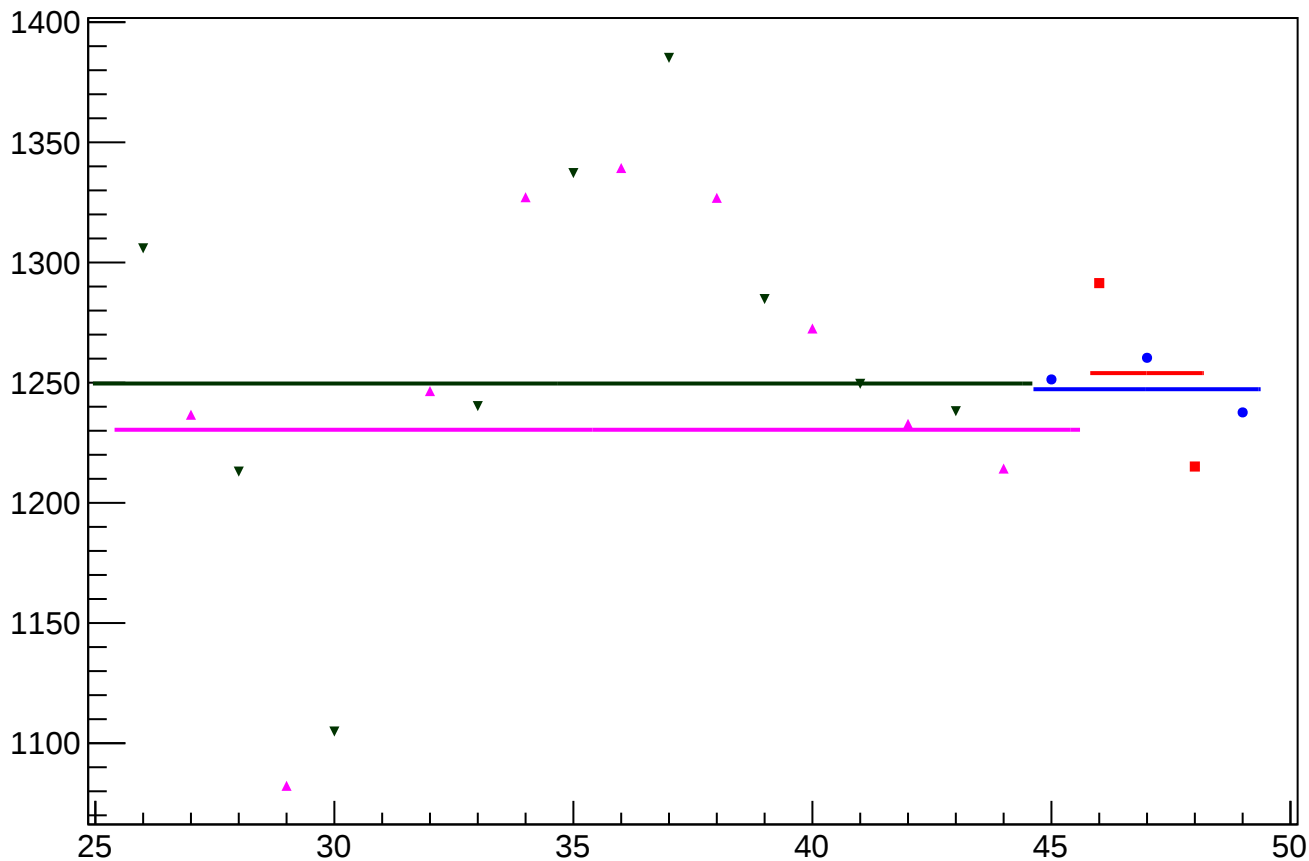
Left Out: 342.094 $\pm$ 566.846 χ^2 /NDF:13.1/8

Right Out: 1943.905 $\pm$ 1284.398 χ^2 /NDF: 0.7/1

Left In: 528.742 $\pm$ 518.835 χ^2 /NDF:3.0/8

650.118 $\pm$ 337.860 χ^2 /NDF: 19.0/22

reg_asym_sam_26_avg_rms vs slug



Right In: 1247.281+/-0.614 χ^2/NDF : 237.6/2

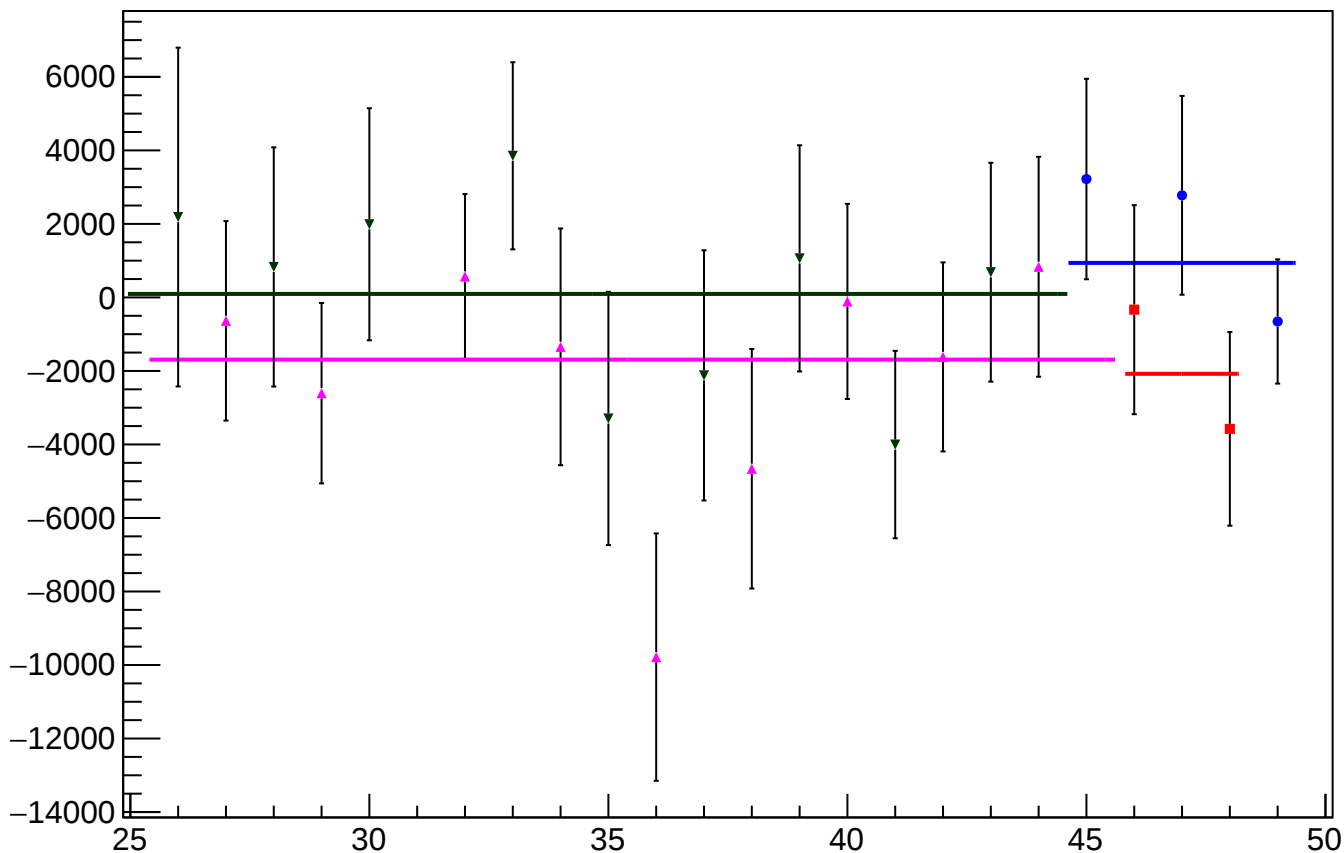
Left Out: 1249.652+/-0.401 χ^2/NDF : 37250.0/8

Right Out: 1253.983+/-0.908 χ^2/NDF : 1764.5/1

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.3/8

1241.434+/-0.239 χ^2/NDF : 91512.7/22

asym_sam_26_avg_correction_mean vs slug



Right In: 939.325+/-1268.557 χ^2/NDF : 2.1/2

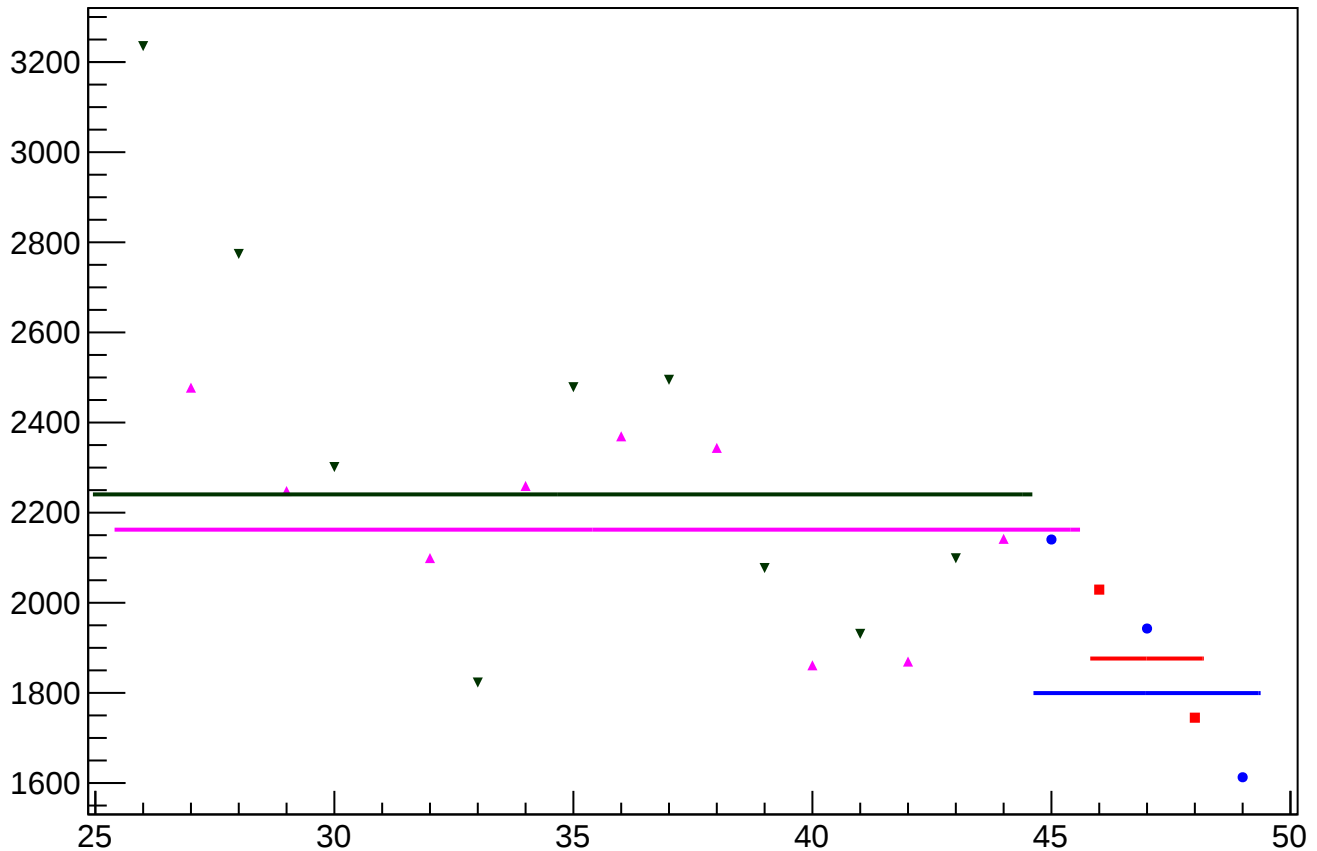
Left Out: 95.135+/-1031.834 χ^2/NDF : 6.9/8

-626.668+/-576.079 χ^2/NDF : 22.6/22

Right Out: -2077.954+/-1932.553 χ^2/NDF : 0.7/1

Left In: -1692.209+/-918.693 χ^2/NDF : 9.0/8

asym_sam_26_avg_correction_rms vs slug



Right In: 1799.583+/-0.897 χ^2/NDF : 61295.9/2

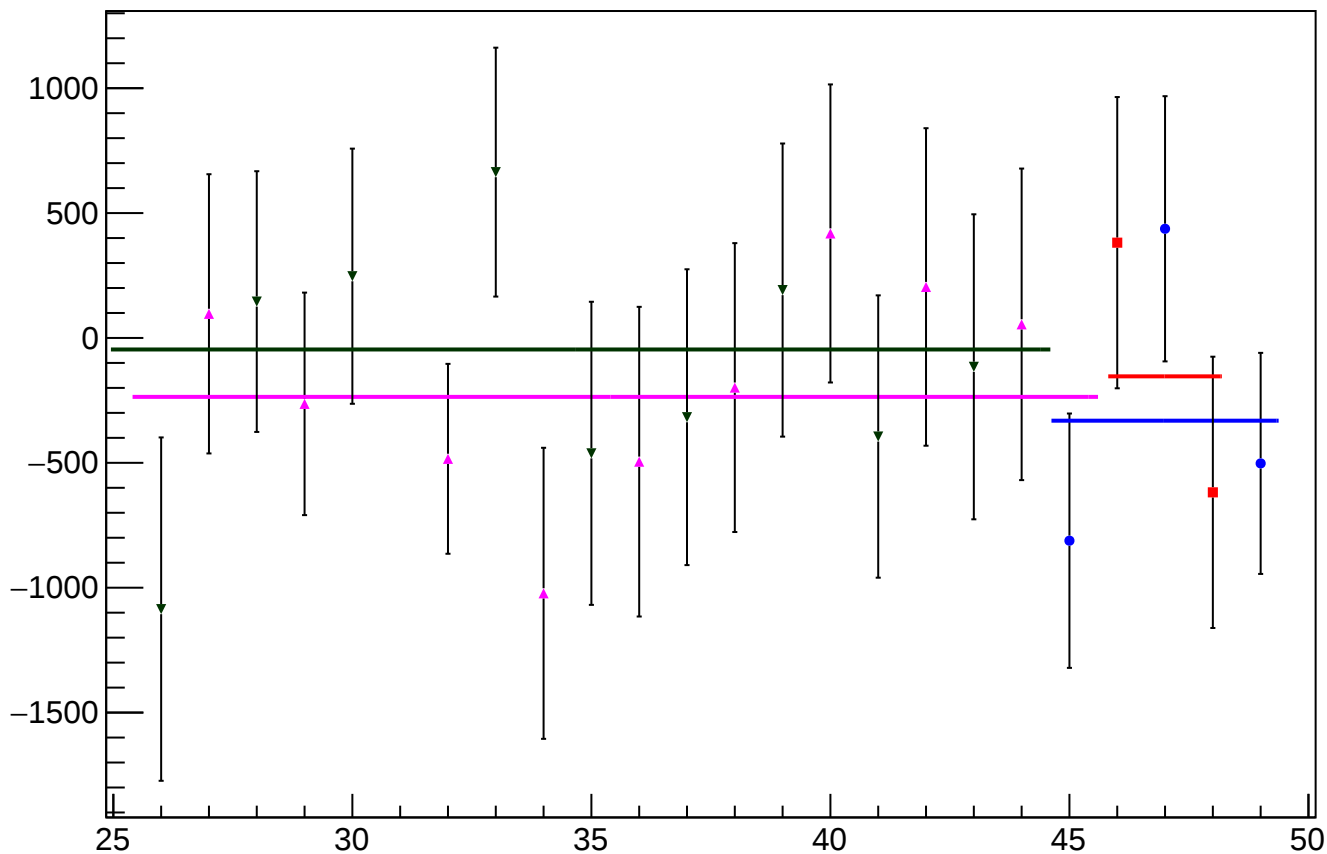
Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

2086.454+/-0.407 χ^2/NDF : 616474.7/22

Right Out: 1876.270+/-1.367 χ^2/NDF : 10753.7/1

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

reg_asym_sam_37_avg_mean vs slug



Right In: -331.282 ± 282.746 χ^2/NDF : 3.1/2

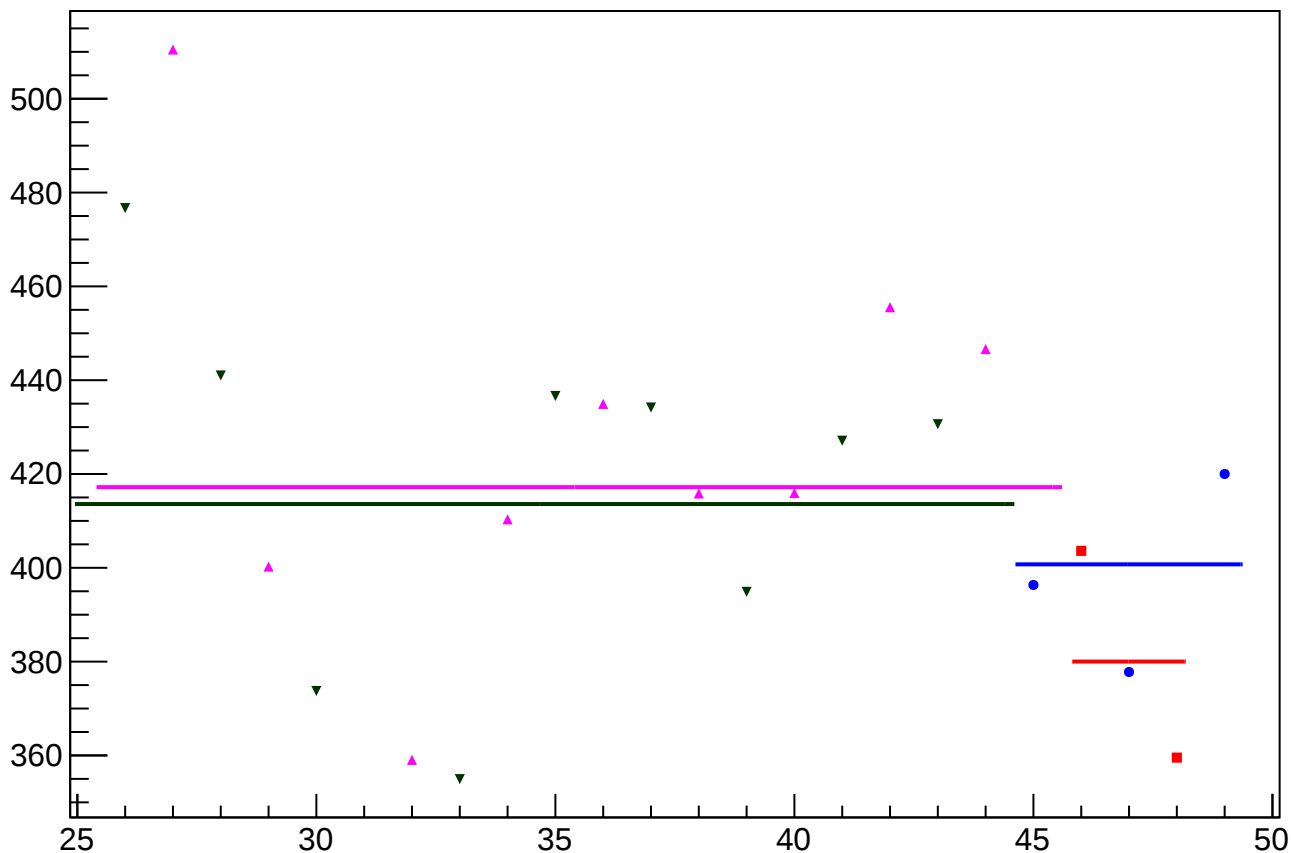
Left Out: -46.161 ± 189.227 χ^2/NDF : 6.0/8

Right Out: -153.756 ± 397.432 χ^2/NDF : 1.6/1

Left In: -235.930 ± 178.034 χ^2/NDF : 4.7/8

-176.845 ± 112.998 χ^2/NDF : 16.3/22

reg_asym_sam_37_avg_rms vs slug



Right In: 400.739+/-0.200 χ^2/NDF : 7676.1/2

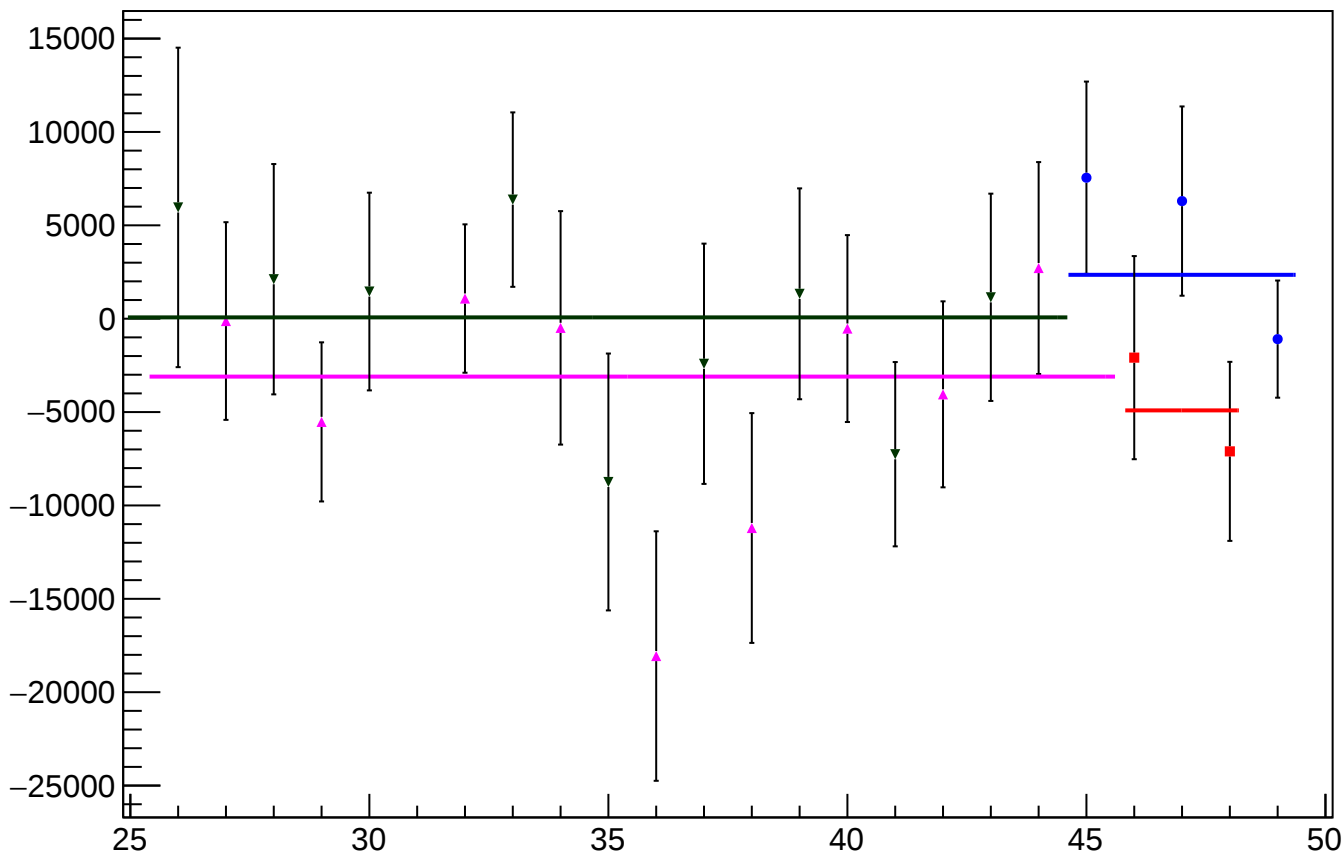
Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

Right Out: 380.011+/-0.281 χ^2/NDF : 6119.8/1

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

410.279+/-0.080 χ^2/NDF : 222639.9/22

asym_sam_37_avg_correction_mean vs slug



Right In: 2349.721 $\pm$ 2368.372 χ^2 /NDF: 2.8/2

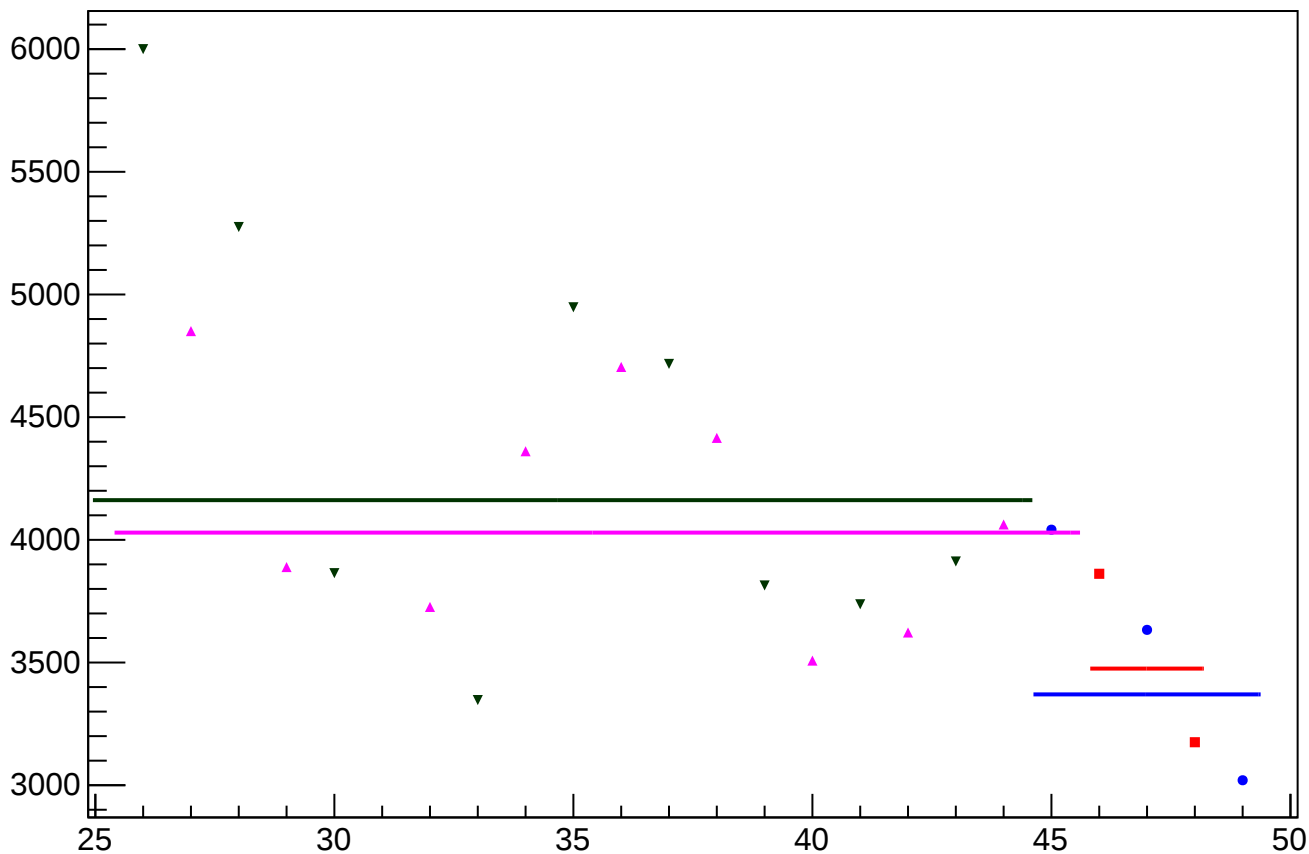
Left Out: 70.645 $\pm$ 1918.480 χ^2 /NDF: 6.6/8

Right Out: -4909.834 $\pm$ 3596.249 χ^2 /NDF: 0.5/1

Left In: -3100.761 $\pm$ 1715.226 χ^2 /NDF: 10.0/8

-1147.943 $\pm$ 1073.840 χ^2 /NDF: 24.9/22

asym_sam_37_avg_correction_rms vs slug



Right In: 3370.136 ± 1.675 χ^2/NDF : 64273.8/2

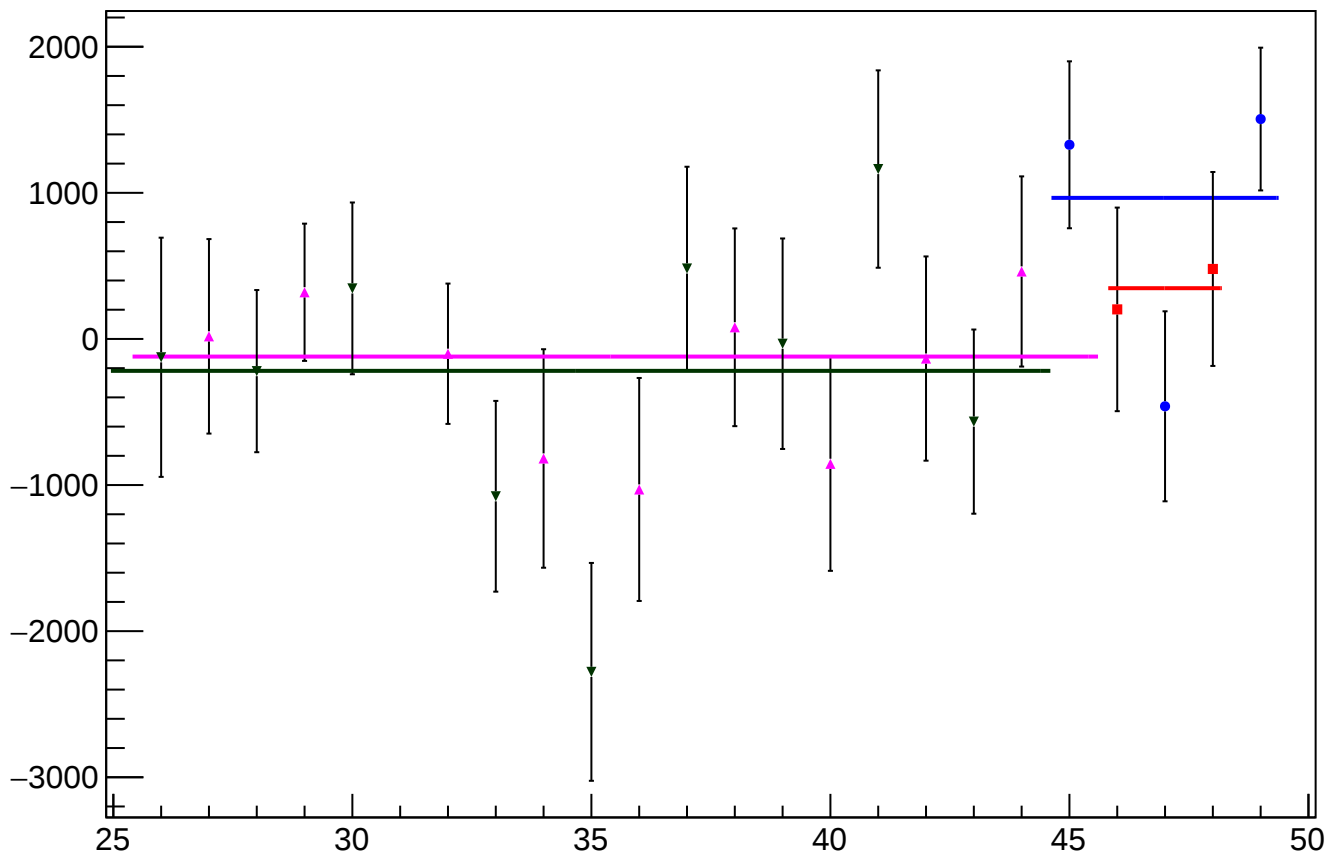
Left Out: 4161.804 ± 1.357 χ^2/NDF : 292155.7/8

Right Out: 3475.308 ± 2.543 χ^2/NDF : 17935.5/1

Left In: 4029.509 ± 1.213 χ^2/NDF : 131051.5/8

3885.990 ± 0.759 χ^2/NDF : 681721.0/22

reg_asym_sam_48_avg_mean vs slug



Right In: 965.553 ± 322.420 χ^2/NDF : 6.4/2

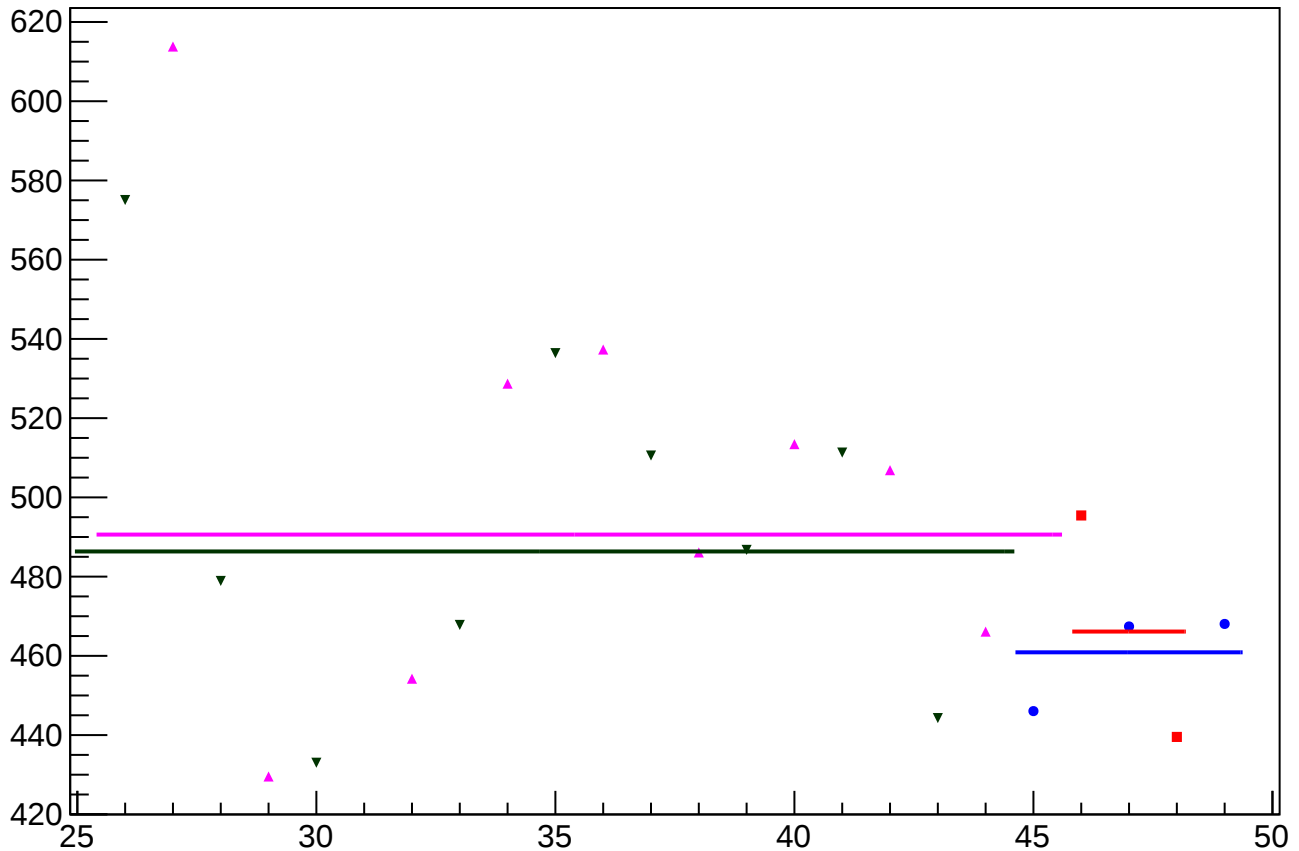
Left Out: -218.435 ± 220.998 χ^2/NDF : 15.9/8

Right Out: 347.341 ± 480.560 χ^2/NDF : 0.1/1

Left In: -120.677 ± 208.123 χ^2/NDF : 5.1/8

61.445 ± 131.863 χ^2/NDF : 38.1/22

reg_asym_sam_48_avg_rms vs slug



Right In: 460.892+/-0.228 χ^2/NDF : 1981.5/2

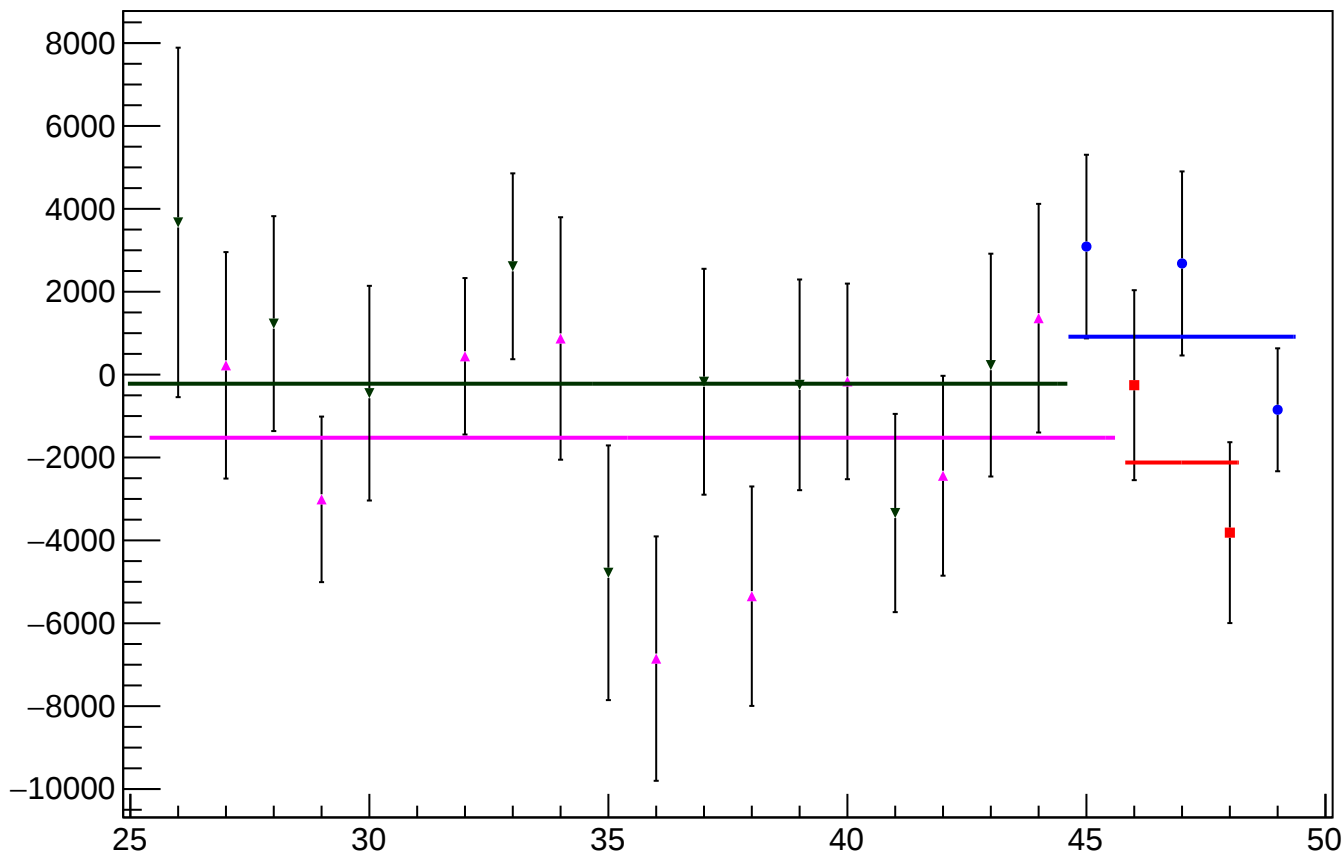
Left Out: 486.351+/-0.156 χ^2/NDF : 64986.4/8

Right Out: 466.132+/-0.340 χ^2/NDF : 6750.0/1

Left In: 490.611+/-0.147 χ^2/NDF : 132414.1/8

482.280+/-0.093 χ^2/NDF : 221074.5/22

asym_sam_48_avg_correction_mean vs slug



Right In: 914.845 $\pm$ 1077.610 χ^2 /NDF: 3.0/2

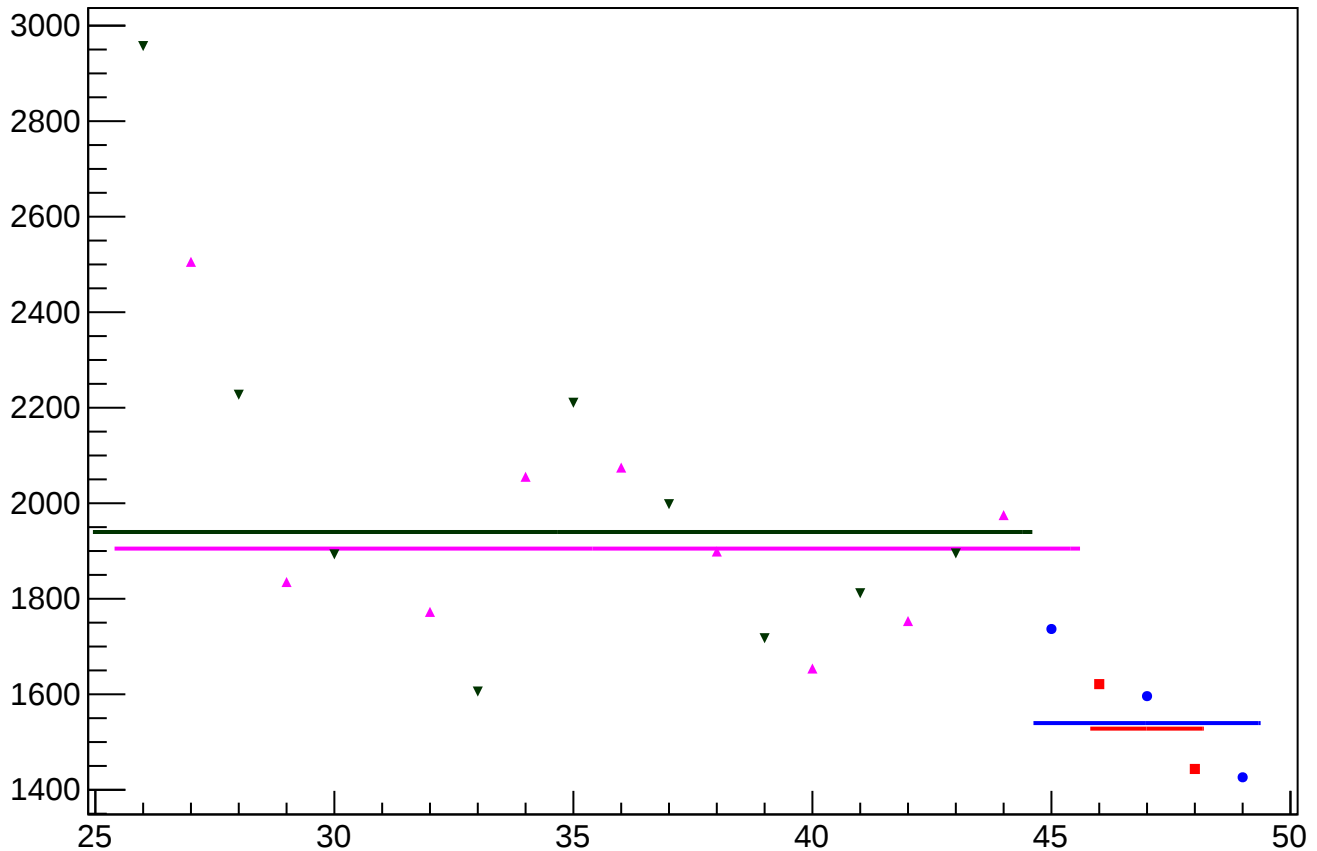
Left Out: -219.615 $\pm$ 890.368 χ^2 /NDF:6.7/8

Right Out: -2121.141 $\pm$ 1580.394 χ^2 /NDF: 1.3/1

Left In: -1523.165 $\pm$ 810.399 χ^2 /NDF:9.6/8

-656.942 $\pm$ 497.174 χ^2 /NDF: 25.0/22

asym_sam_48_avg_correction_rms vs slug



Right In: 1539.724+/-0.762 χ^2/NDF : 28823.0/2

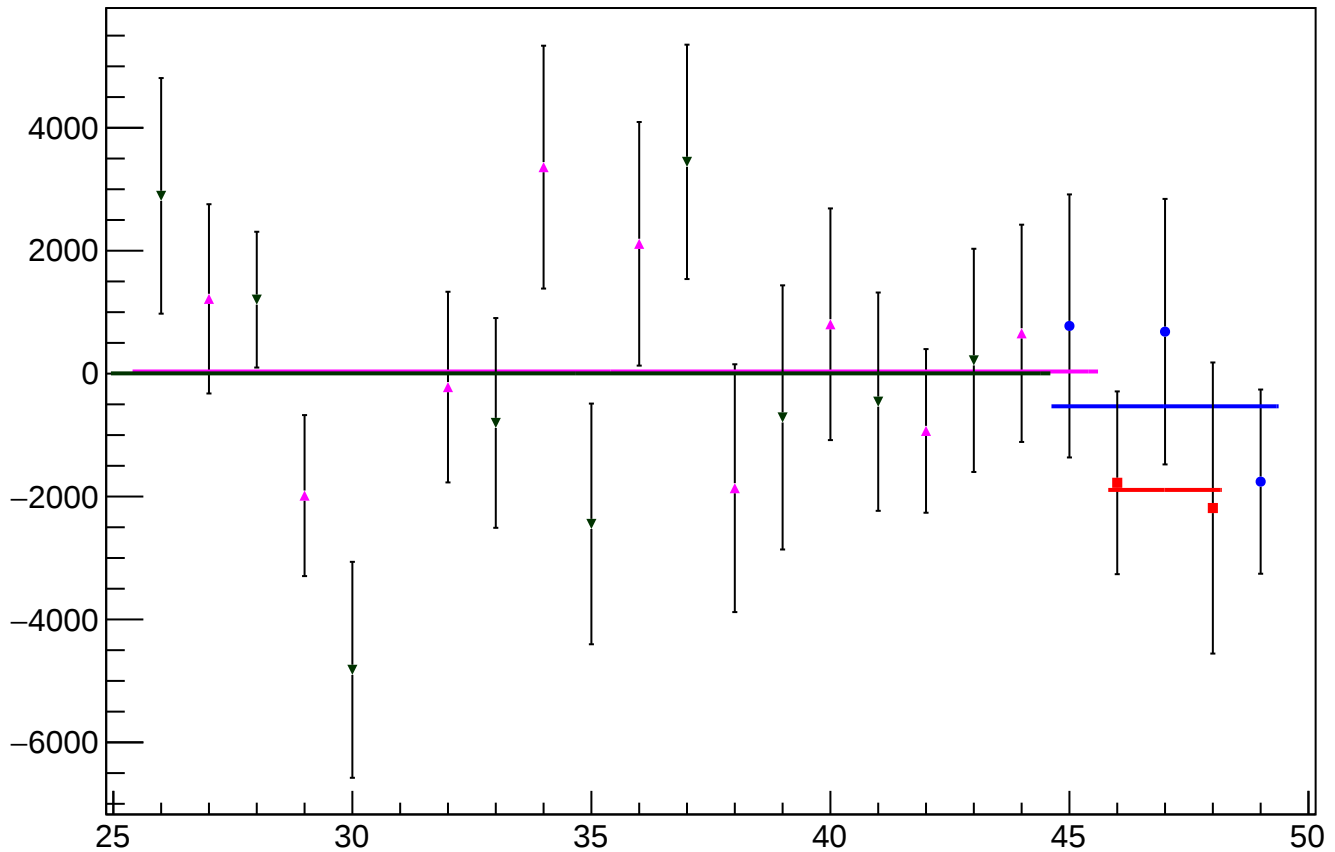
Left Out: 1939.826+/-0.630 χ^2/NDF : 224098.1/8

1800.837+/-0.352 χ^2/NDF : 670661.6/22

Right Out: 1528.139+/-1.118 χ^2/NDF : 6303.2/1

Left In: 1905.071+/-0.573 χ^2/NDF : 152641.8/8

asym_sam_15_dd_mean vs slug



Right In: -531.747+/-1067.280 χ^2/NDF : 1.4/2

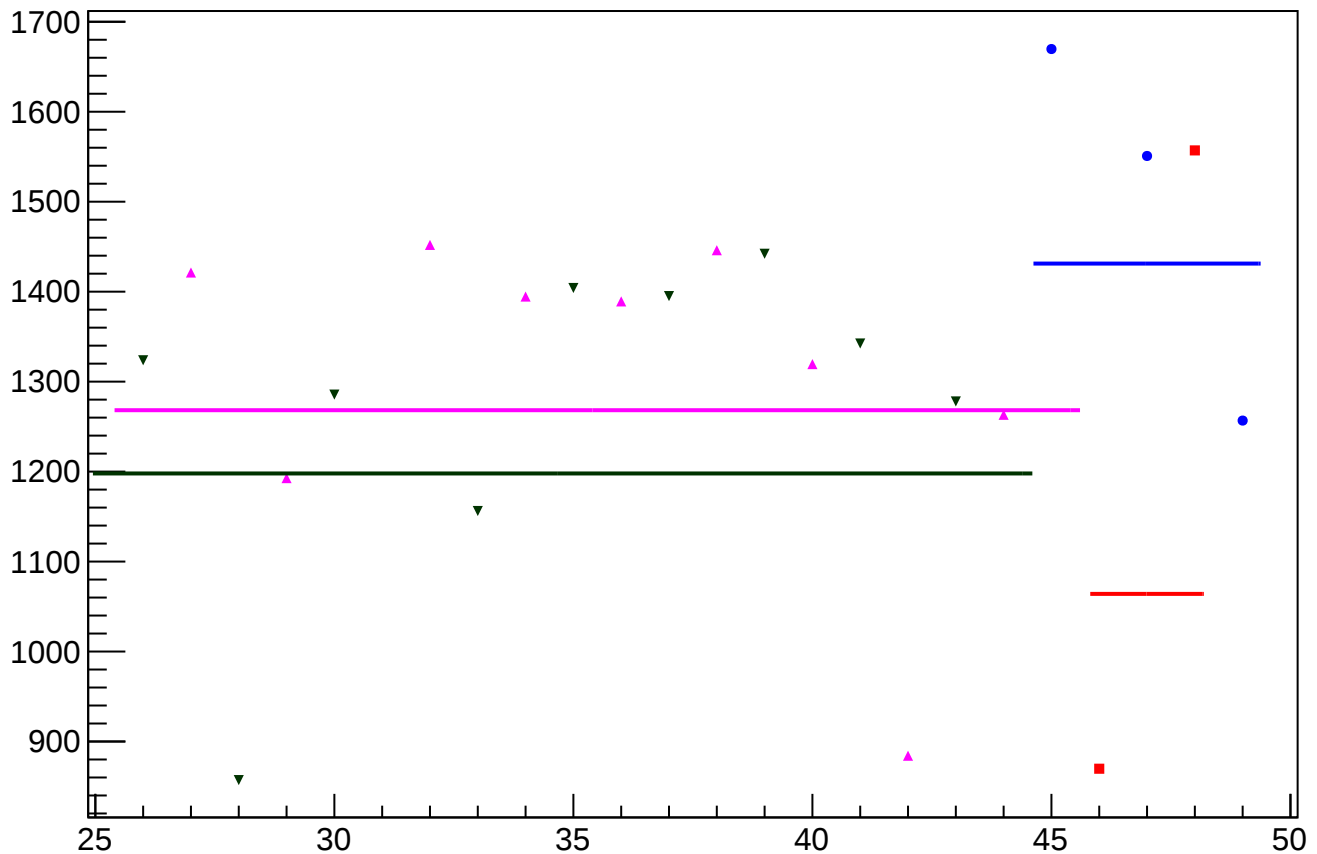
Left Out: 4.096+/-565.128 χ^2/NDF :16.2/8

-191.862+/-353.956 χ^2/NDF : 28.4/22

Right Out: -1892.440+/-1259.384 χ^2/NDF : 0.0/1

Left In: 34.637+/-546.991 χ^2/NDF :8.6/8

asym_sam_15_dd_rms vs slug



Right In: 1431.224+/-0.755 χ^2/NDF : 58084.8/2

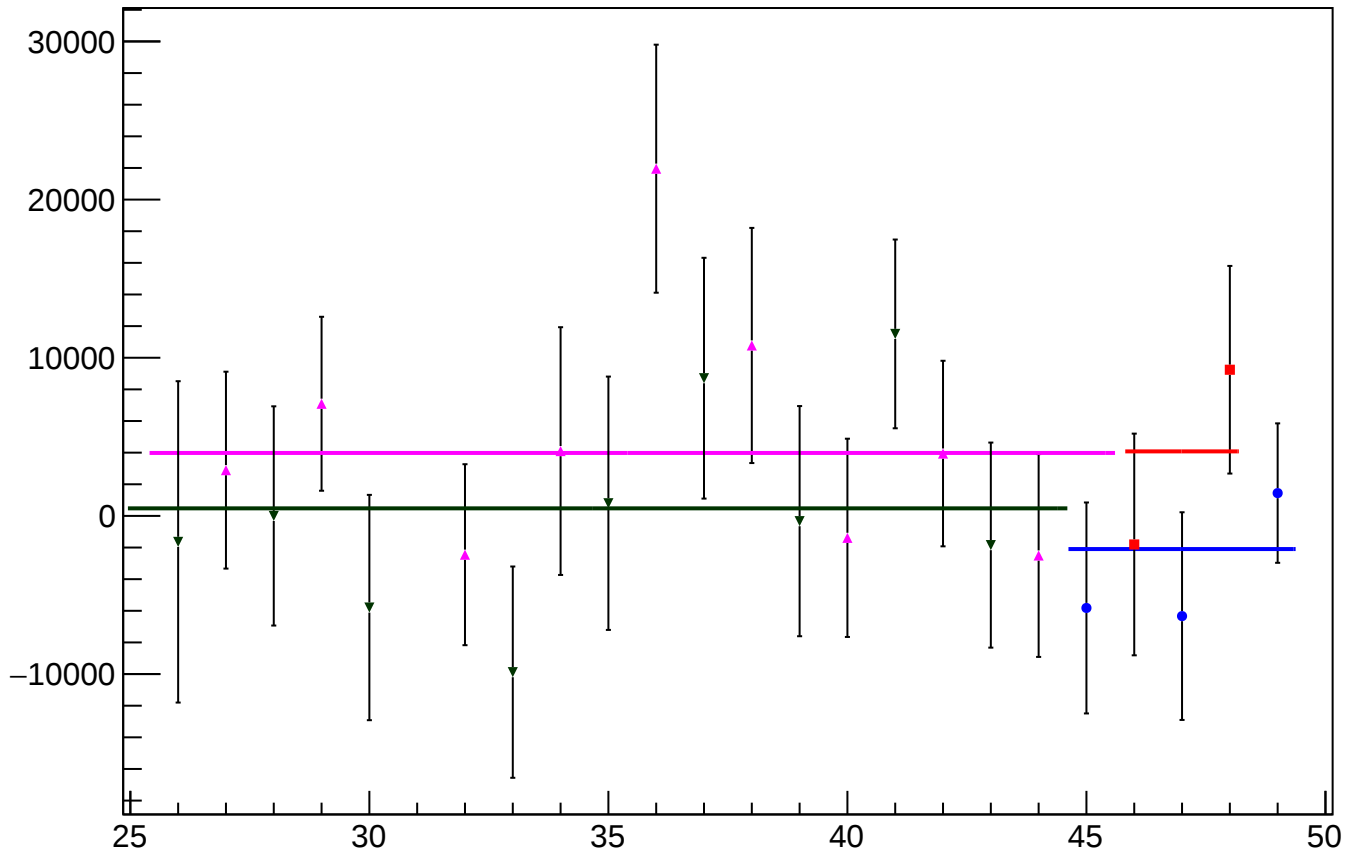
Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

1242.458+/-0.250 χ^2/NDF : 843548.9/22

Right Out: 1064.073+/-0.891 χ^2/NDF : 120796.1/1

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

asym_sam_26_dd_mean vs slug



Right In: -2095.907 $\pm$ 3208.593 χ^2 /NDF: 1.4/2

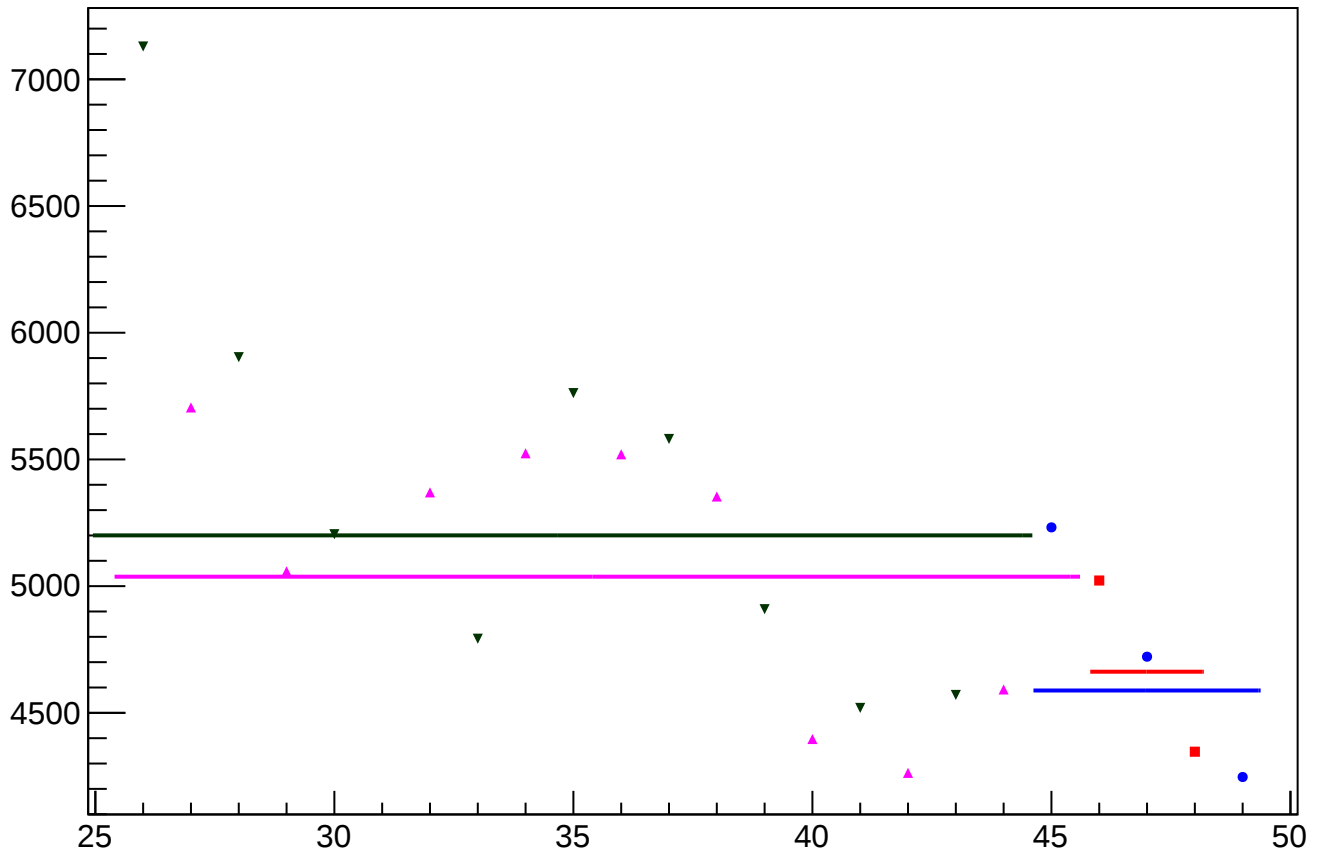
Left Out: 477.708 $\pm$ 2382.052 χ^2 /NDF: 8.0/8

1735.132 $\pm$ 1366.086 χ^2 /NDF: 23.2/22

Right Out: 4079.327 $\pm$ 4790.895 χ^2 /NDF: 1.3/1

Left In: 3980.767 $\pm$ 2137.297 χ^2 /NDF: 9.5/8

asym_sam_26_dd_rms vs slug



Right In: 4588.225+/-2.269 χ^2/NDF : 31449.7/2

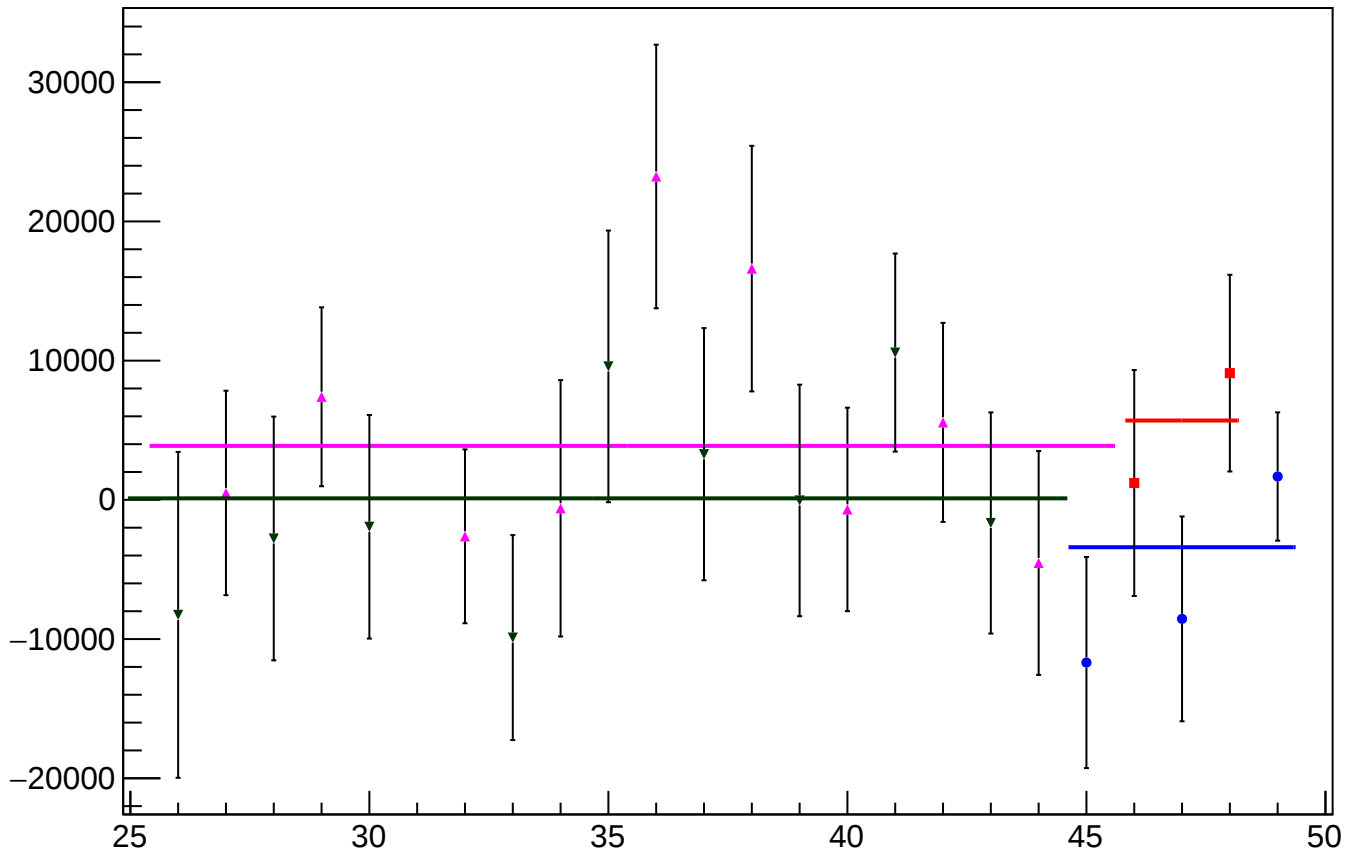
Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

4979.037+/-0.966 χ^2/NDF : 375696.1/22

Right Out: 4662.346+/-3.388 χ^2/NDF : 9897.7/1

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -3402.189 $\pm$ 3471.552 χ^2/NDF : 2.9/2

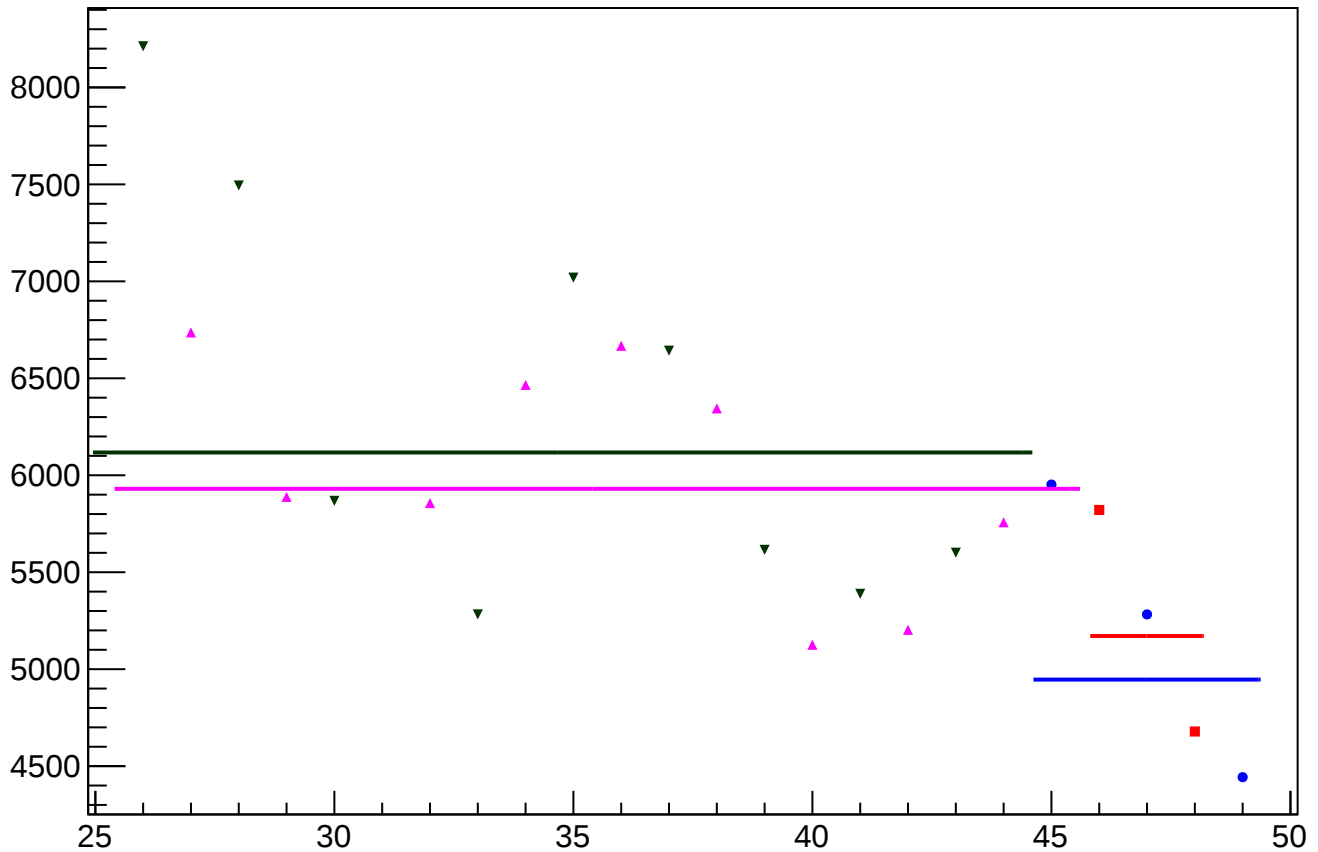
Left Out: 107.633 $\pm$ 2805.368 χ^2/NDF : 5.8/8

1350.917 $\pm$ 1574.795 χ^2/NDF : 22.6/22

Right Out: 5699.618 $\pm$ 5328.959 χ^2/NDF : 0.5/1

Left In: 3878.107 $\pm$ 2515.966 χ^2/NDF : 9.6/8

asym_sam_37_dd_rms vs slug



Right In: 4946.347+/-2.455 χ^2/NDF : 63209.4/2

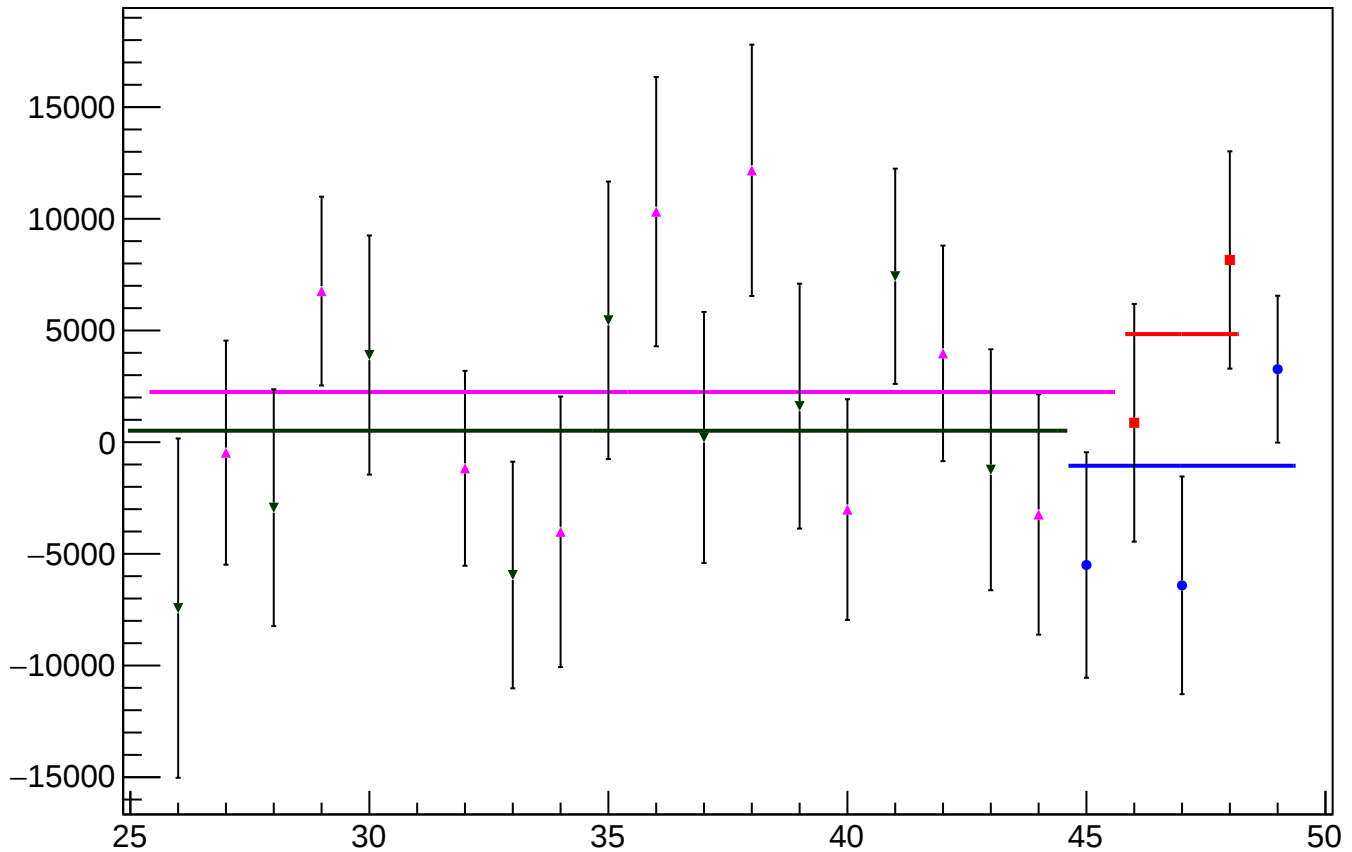
Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

5720.397+/-1.114 χ^2/NDF : 555738.8/22

Right Out: 5171.080+/-3.768 χ^2/NDF : 22542.7/1

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

asym_sam_48_dd_mean vs slug



Right In: -1056.020 $\pm$ 2398.273 χ^2 /NDF: 3.7/2

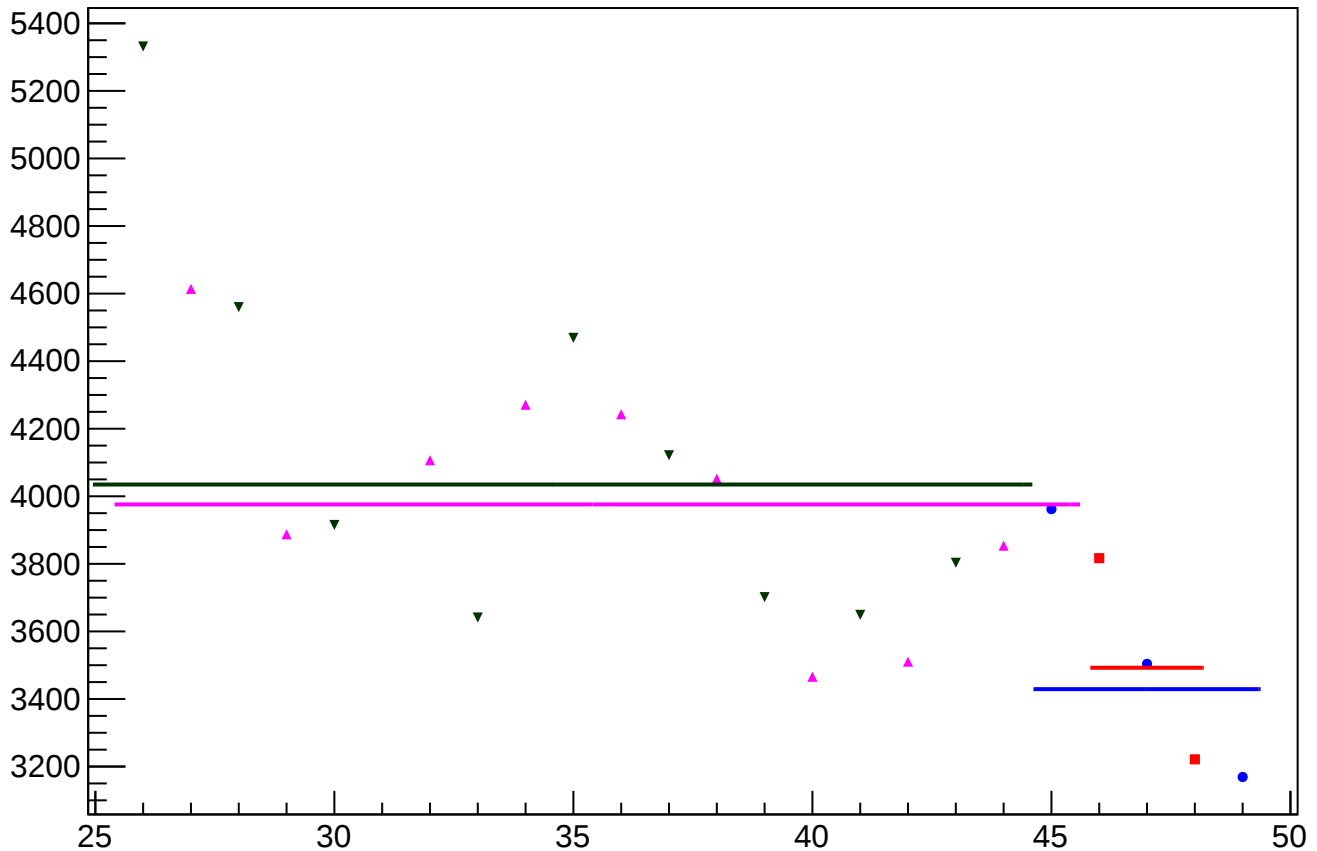
Left Out: 512.467 $\pm$ 1841.360 χ^2 /NDF: 6.4/8

1262.785 $\pm$ 1054.400 χ^2 /NDF: 23.9/22

Right Out: 4838.399 $\pm$ 3590.453 χ^2 /NDF: 1.0/1

Left In: 2245.703 $\pm$ 1682.849 χ^2 /NDF: 10.3/8

asym_sam_48_dd_rms vs slug



Right In: 3429.114+/-1.696 χ^2/NDF : 35265.2/2

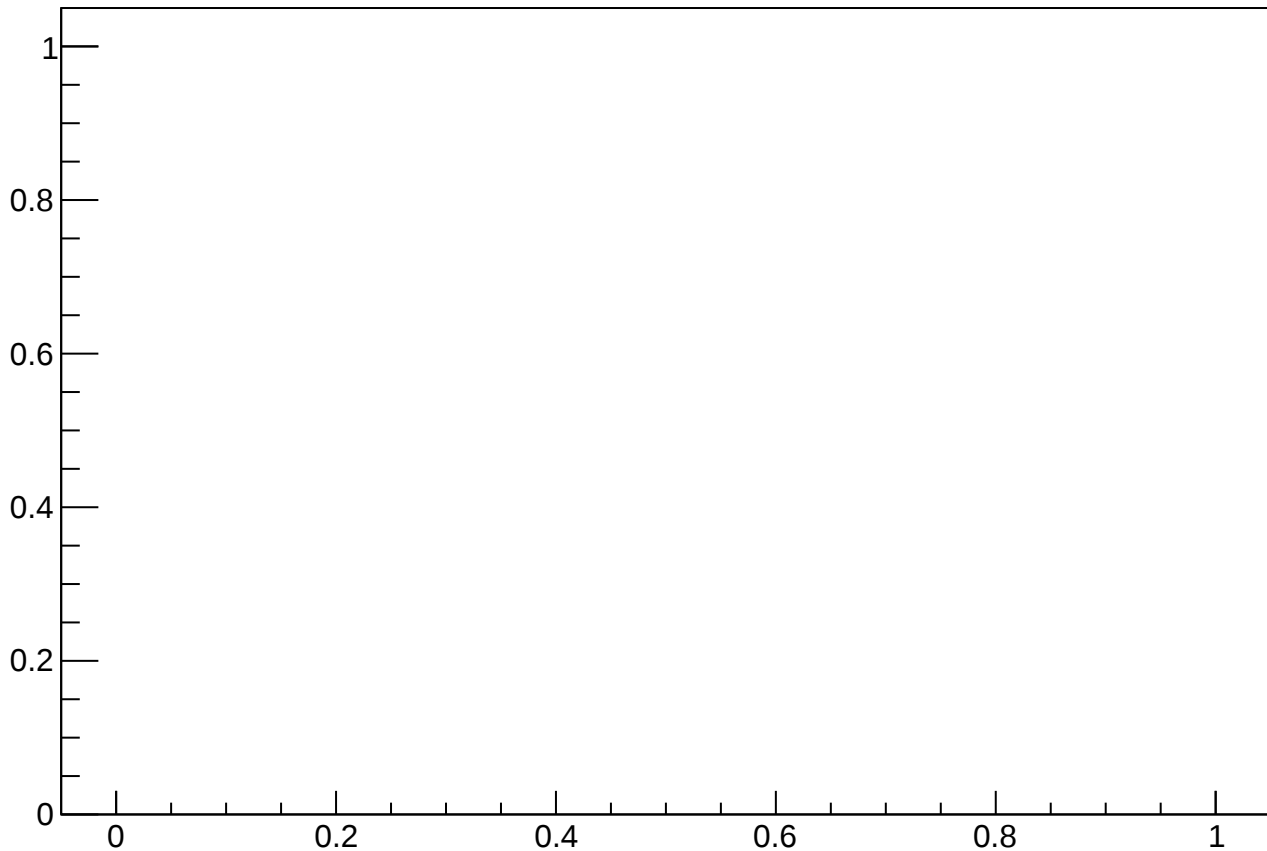
Left Out: 4034.807+/-1.302 χ^2/NDF :125083.3/8

3847.828+/-0.746 χ^2/NDF : 371795.5/22

Right Out: 3492.418+/-2.539 χ^2/NDF : 13641.9/1

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

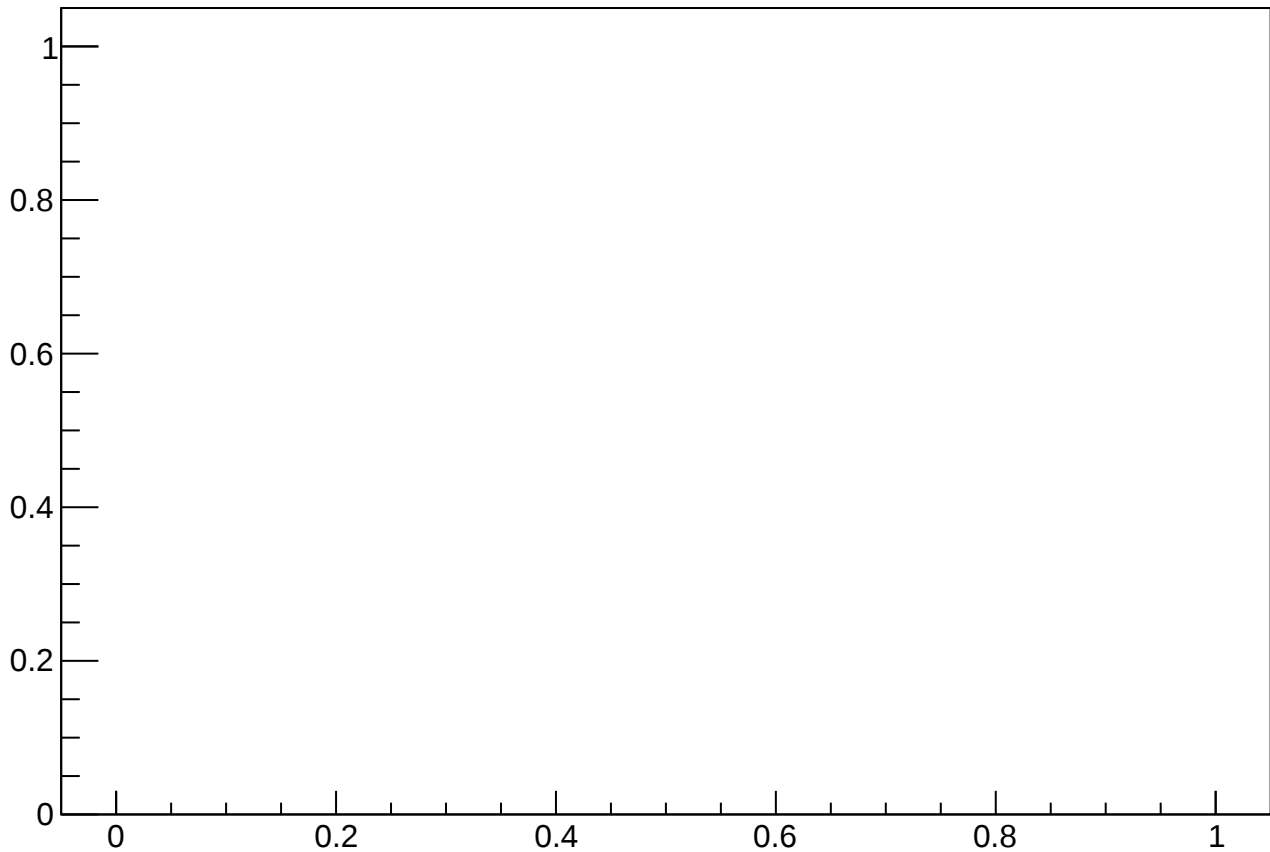
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

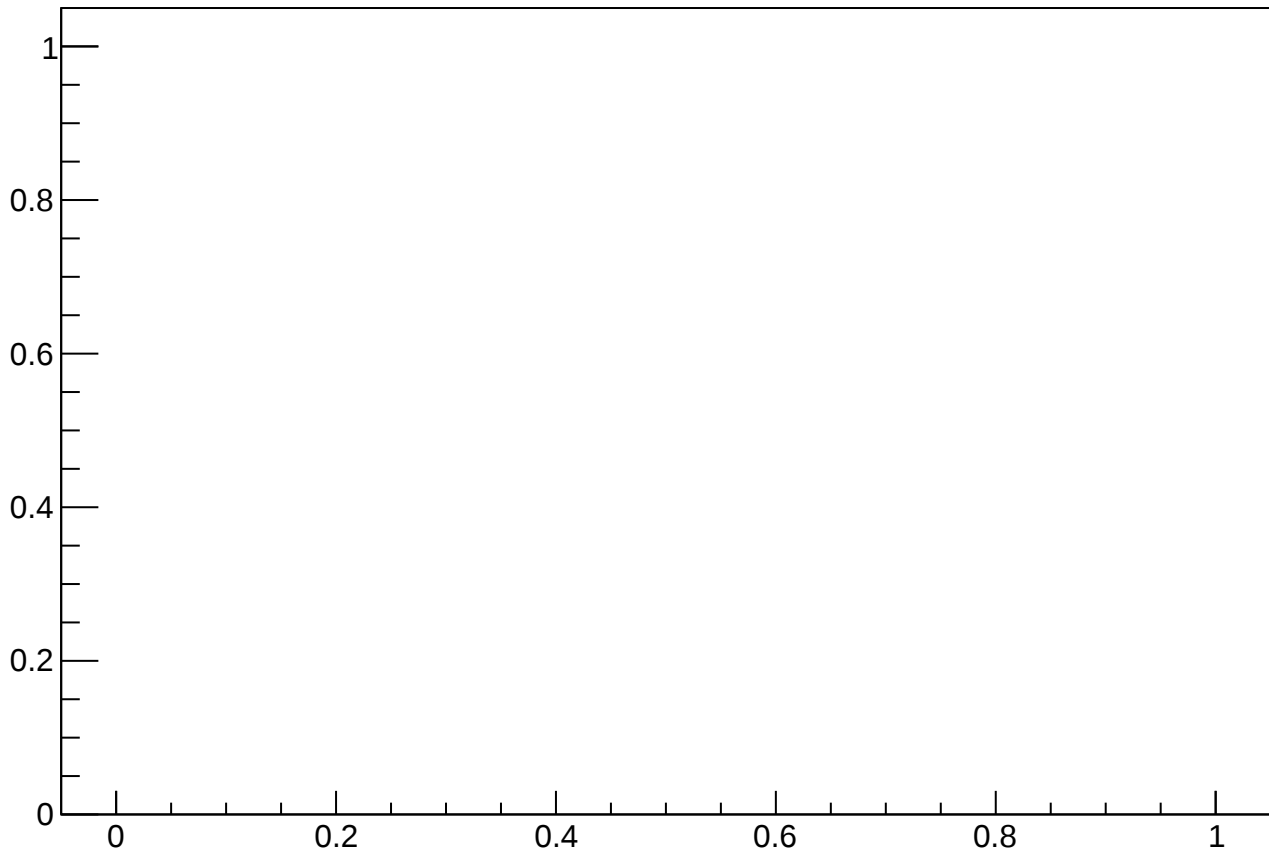
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_dd_mean vs slug



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

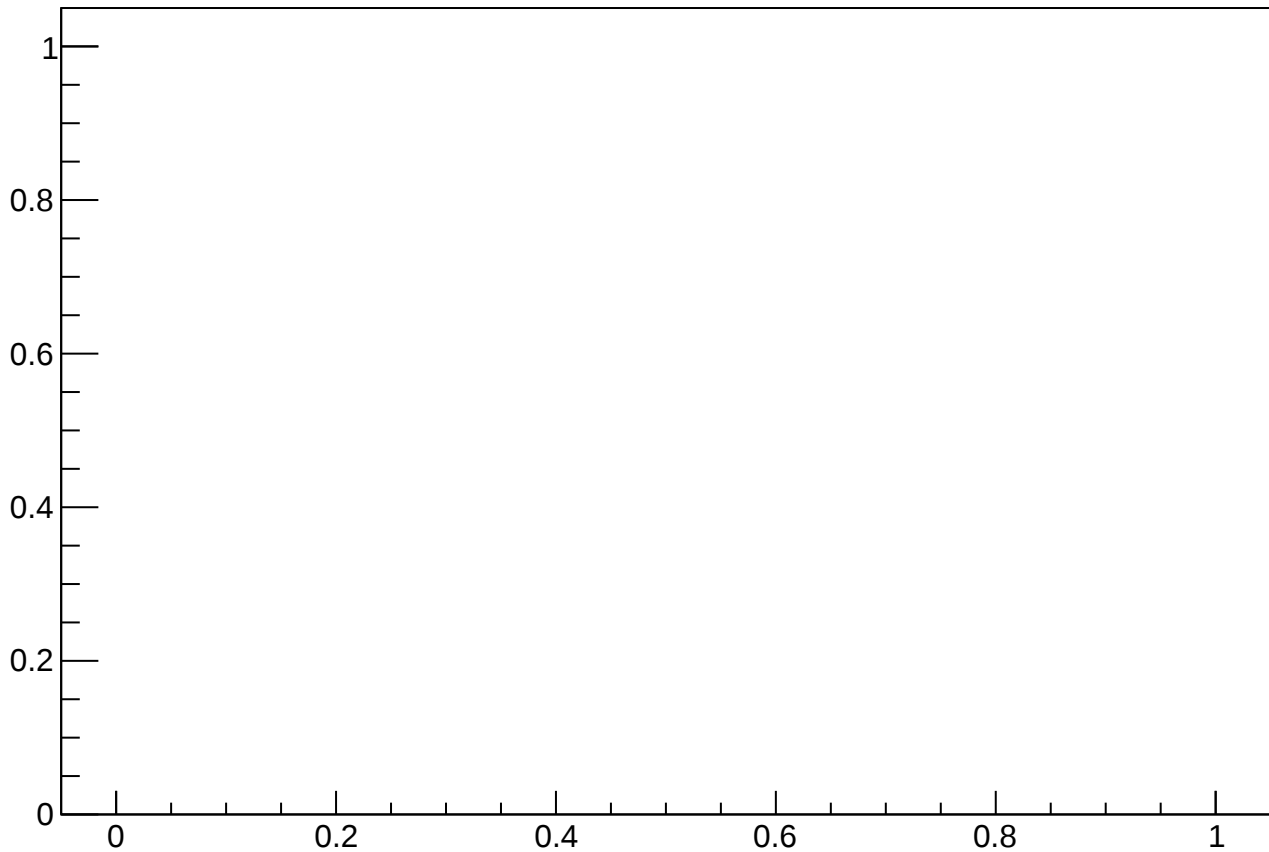
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

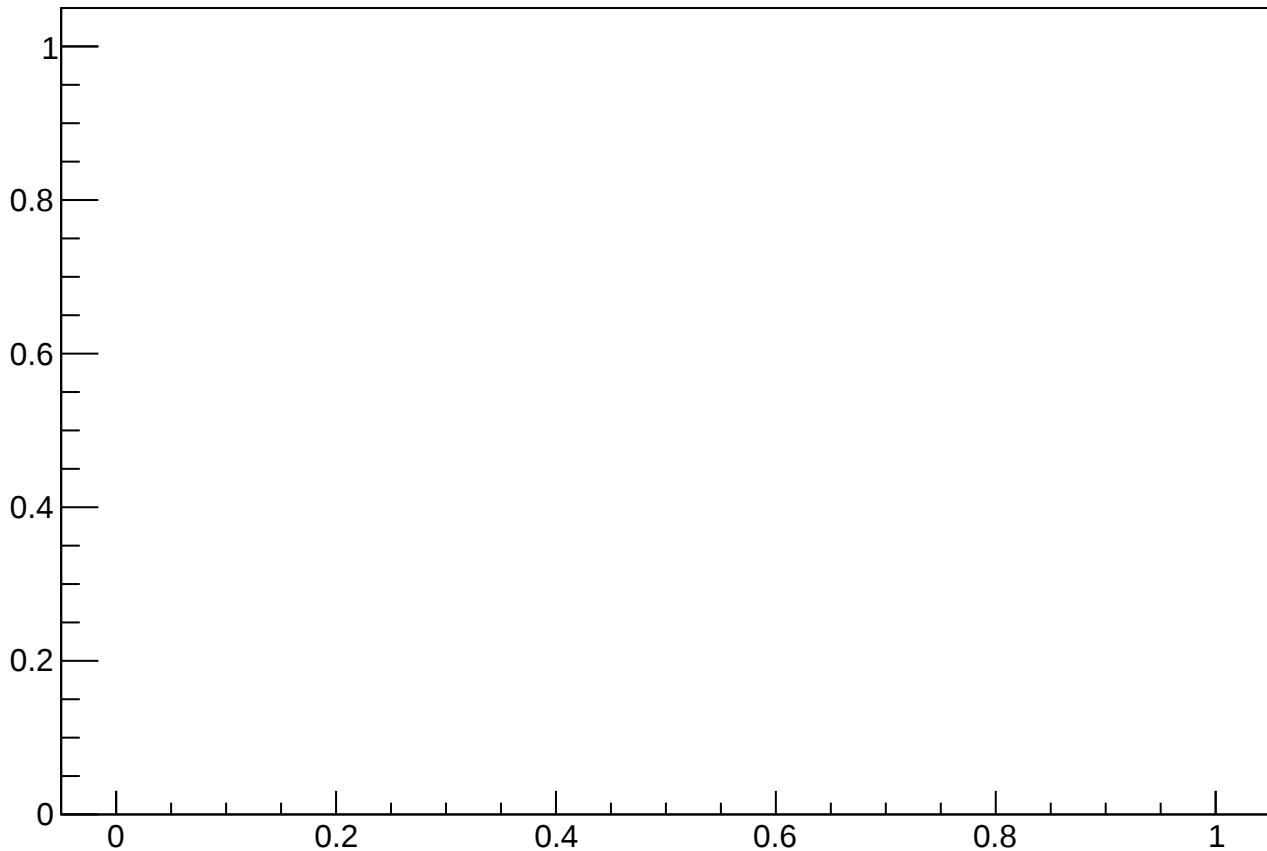
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_mean vs slug



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

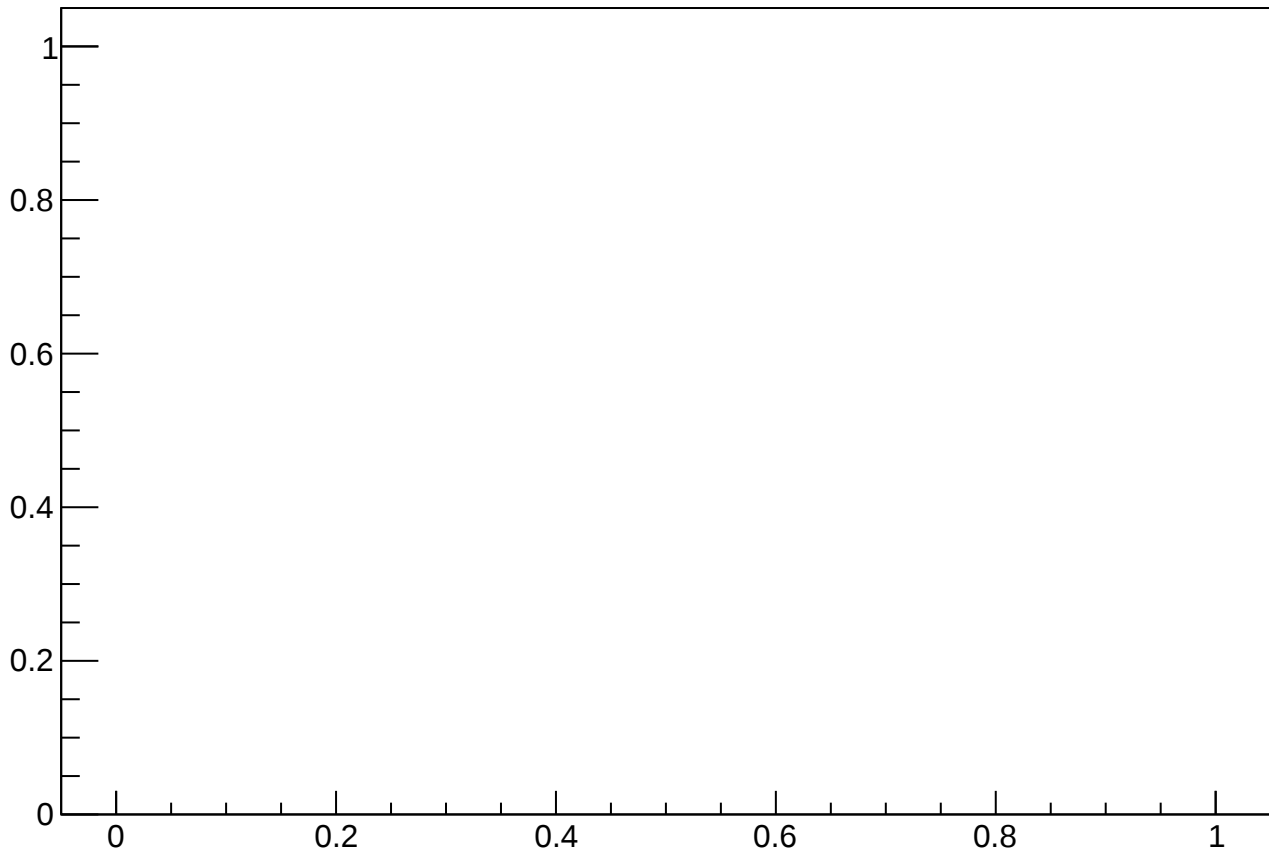
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

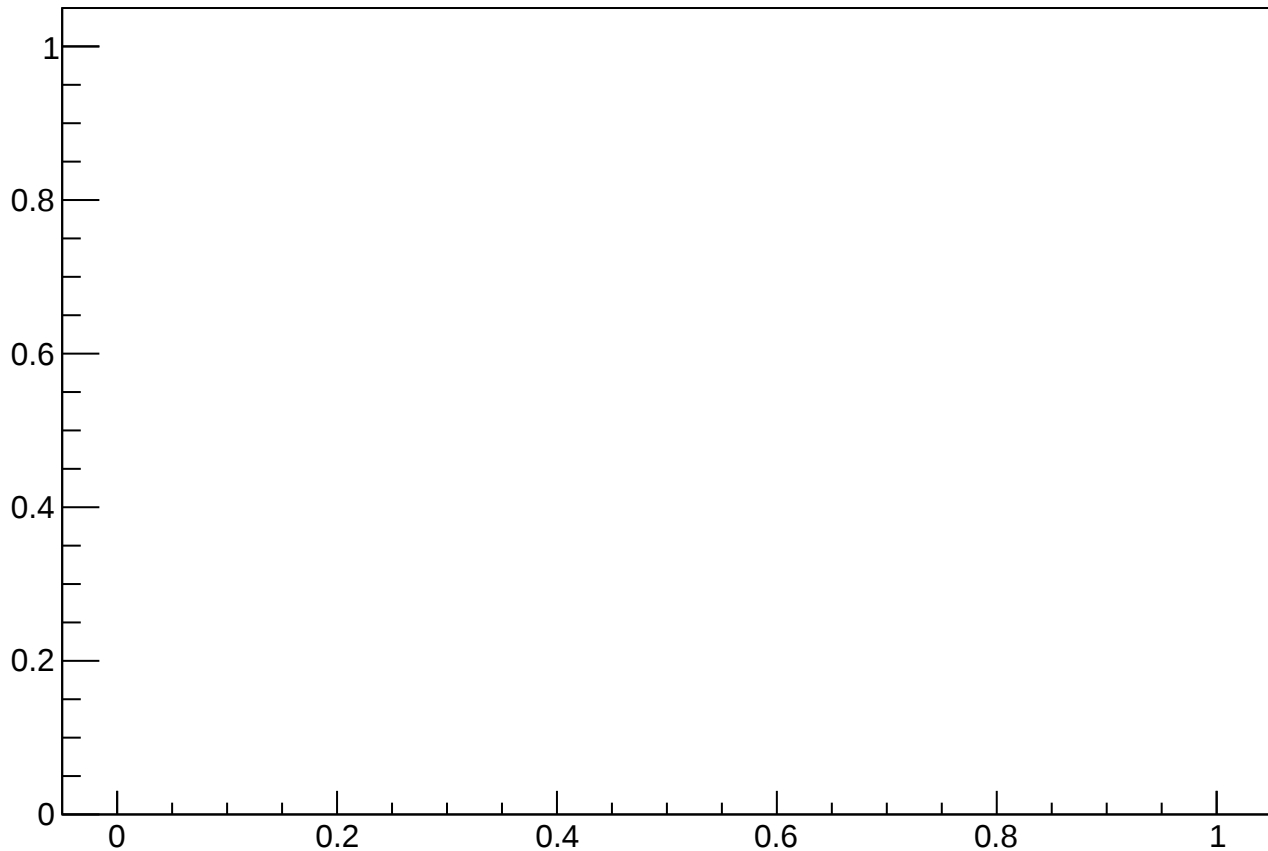
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

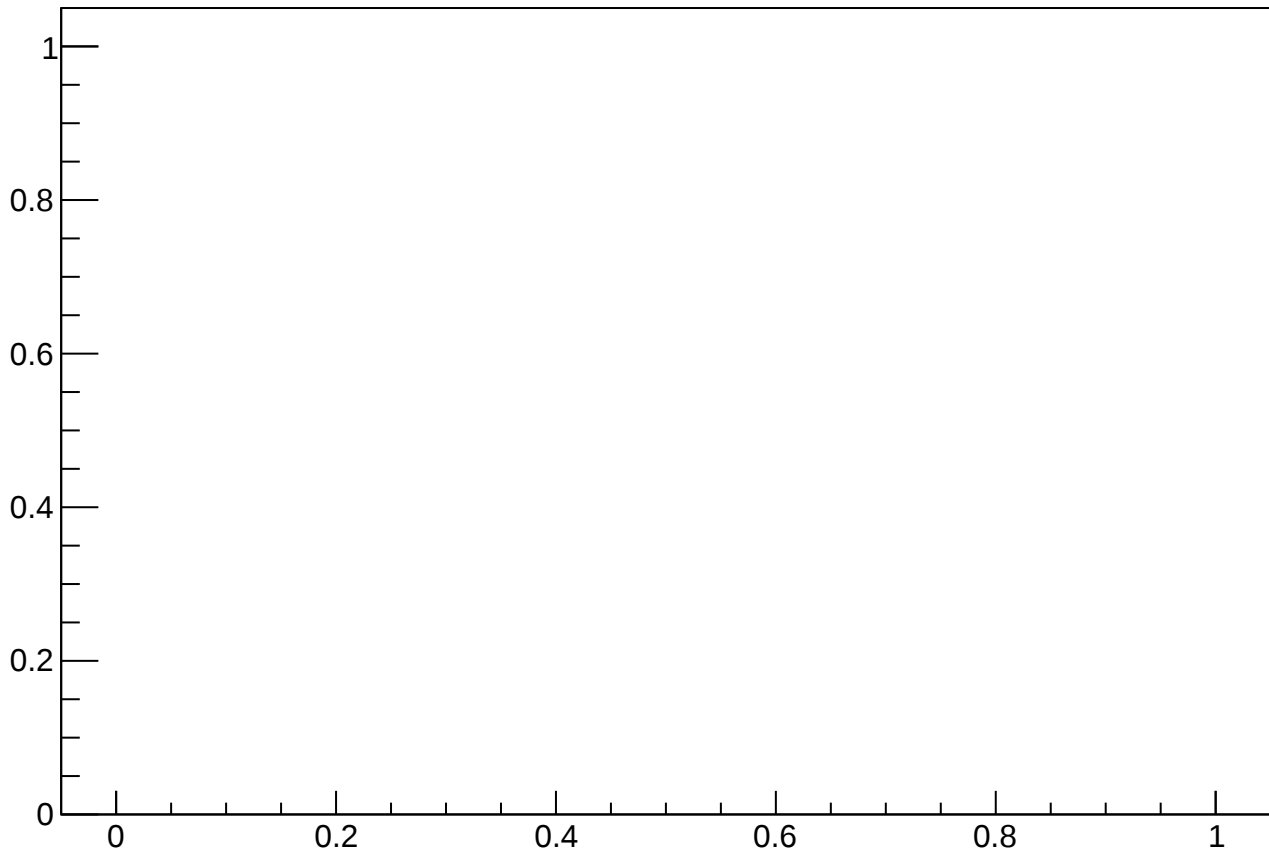
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

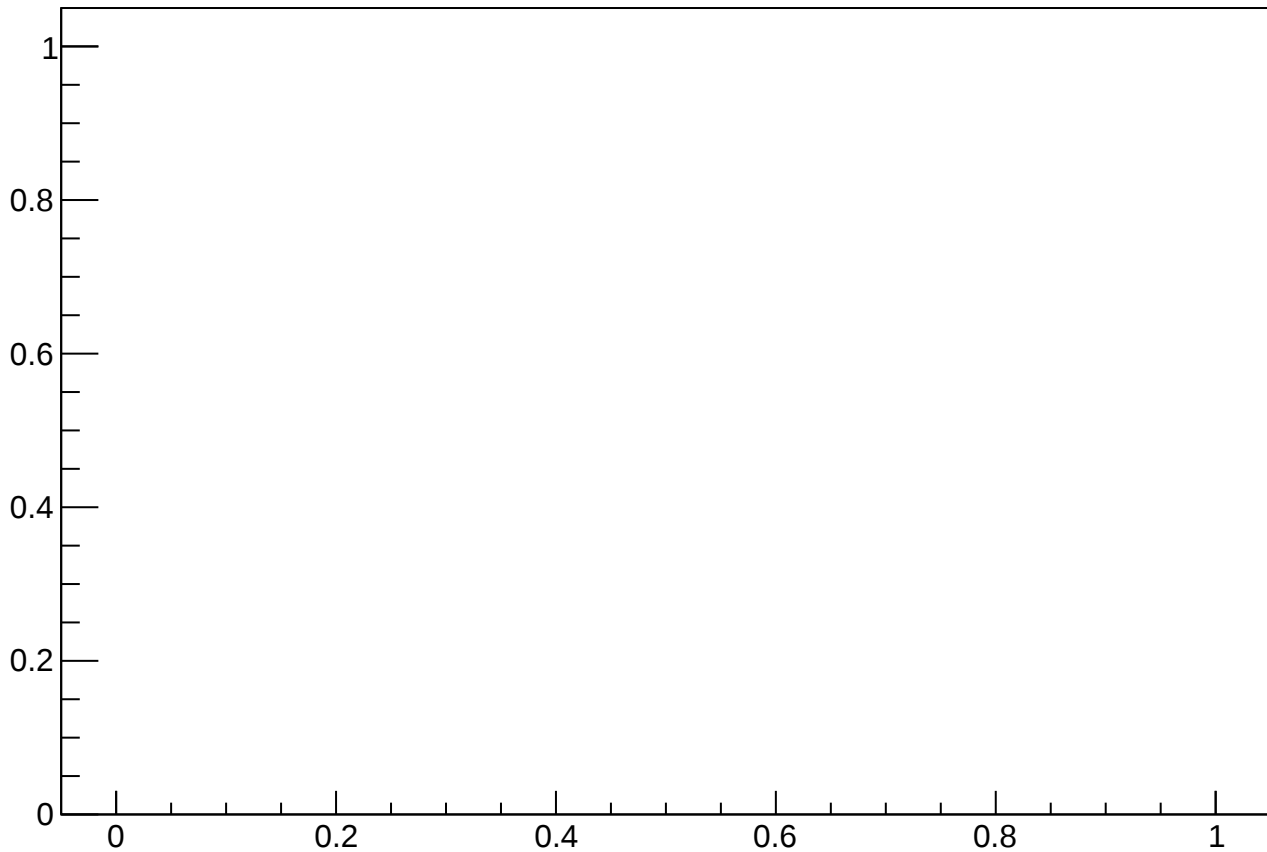
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

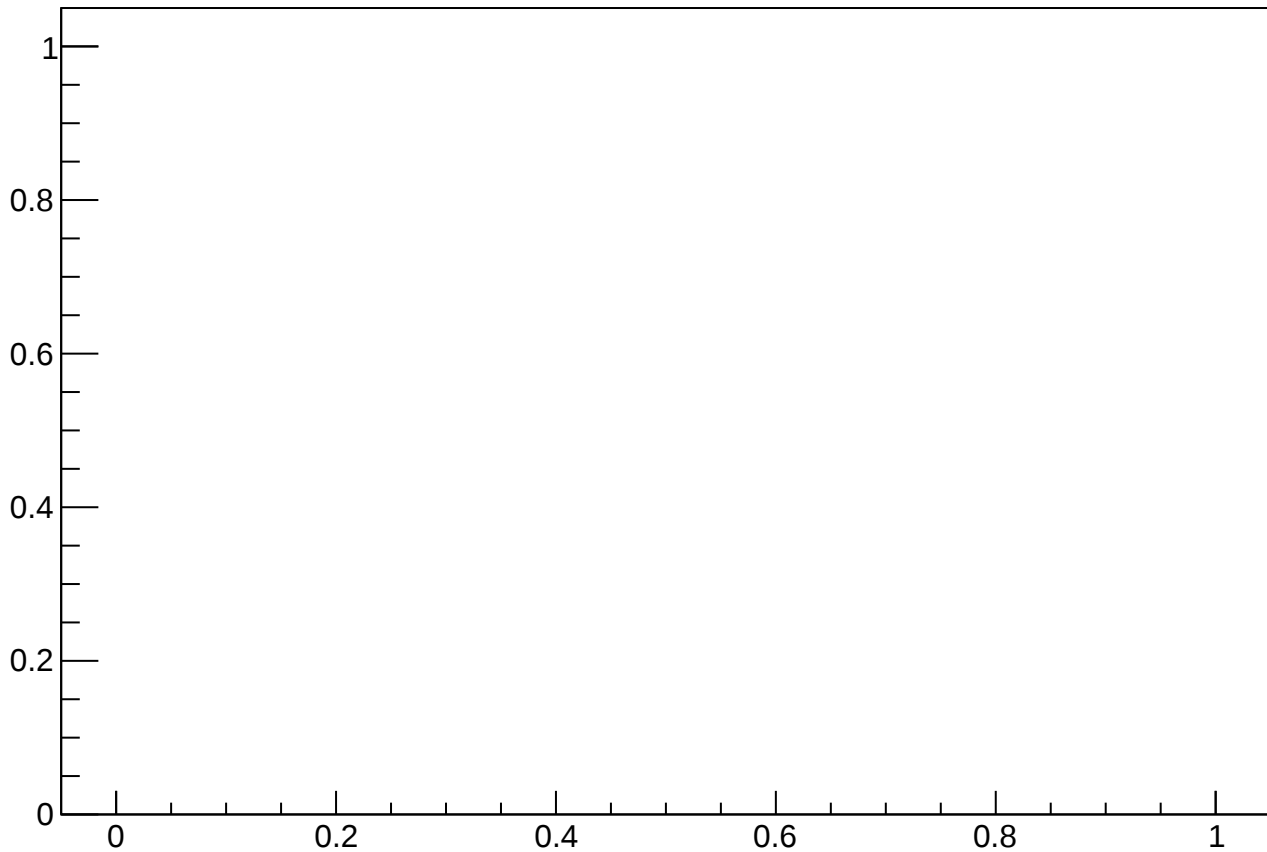
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



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

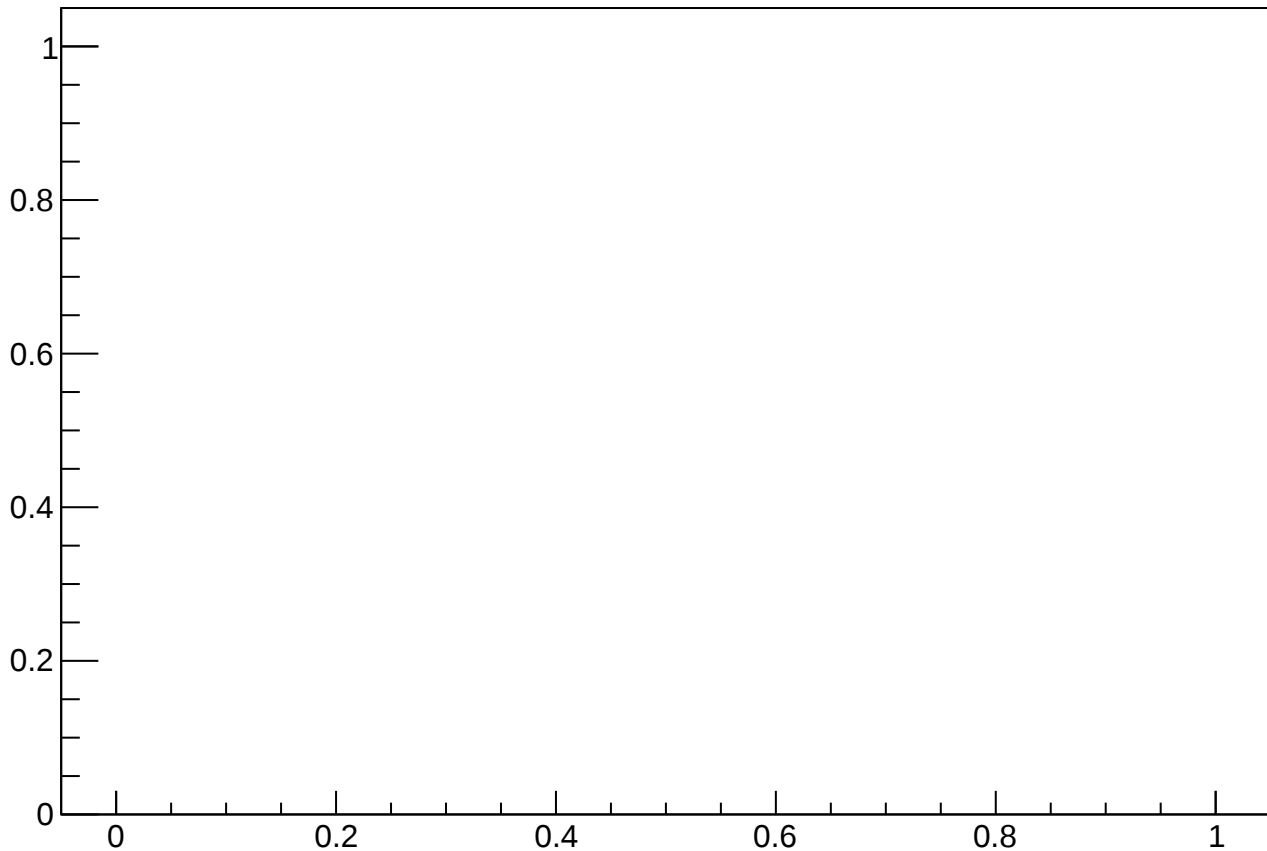
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_mean vs slug



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

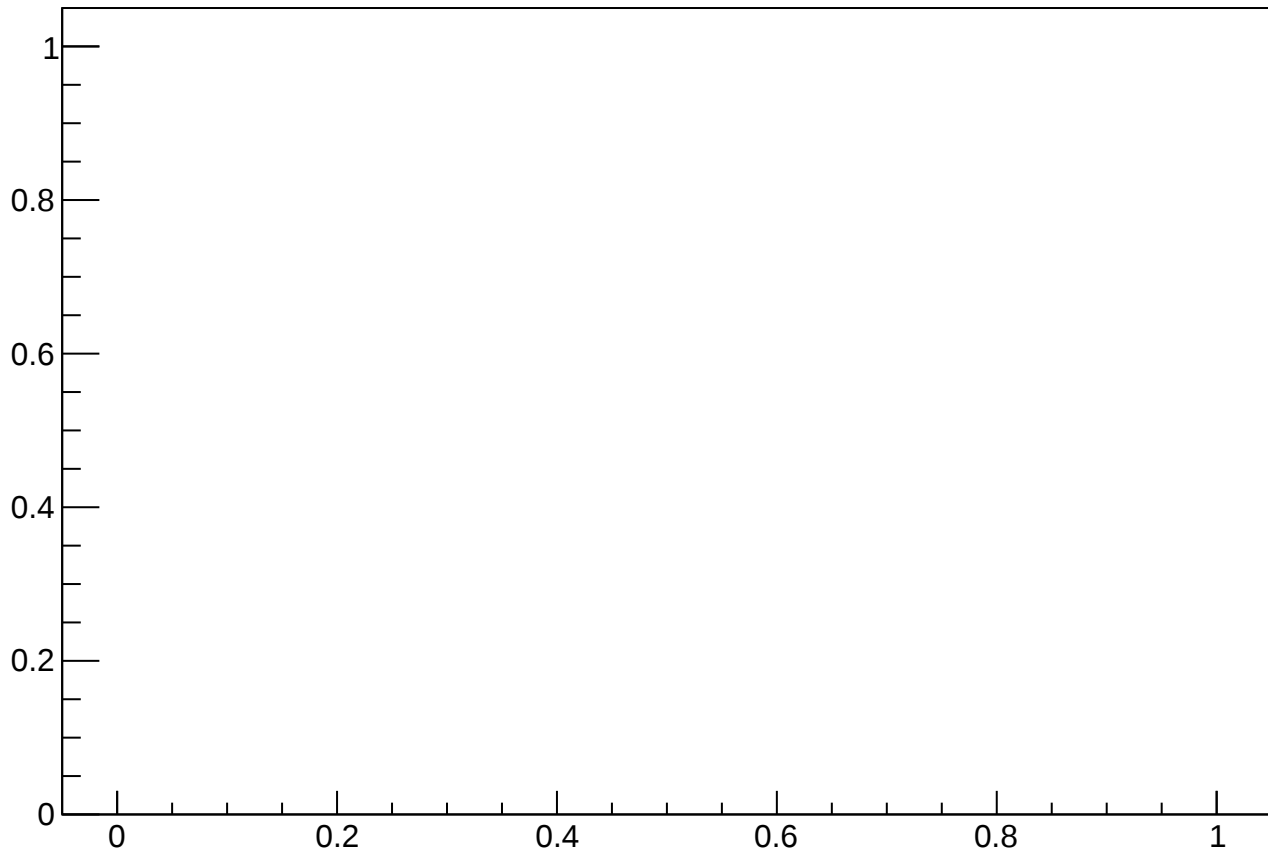
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



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

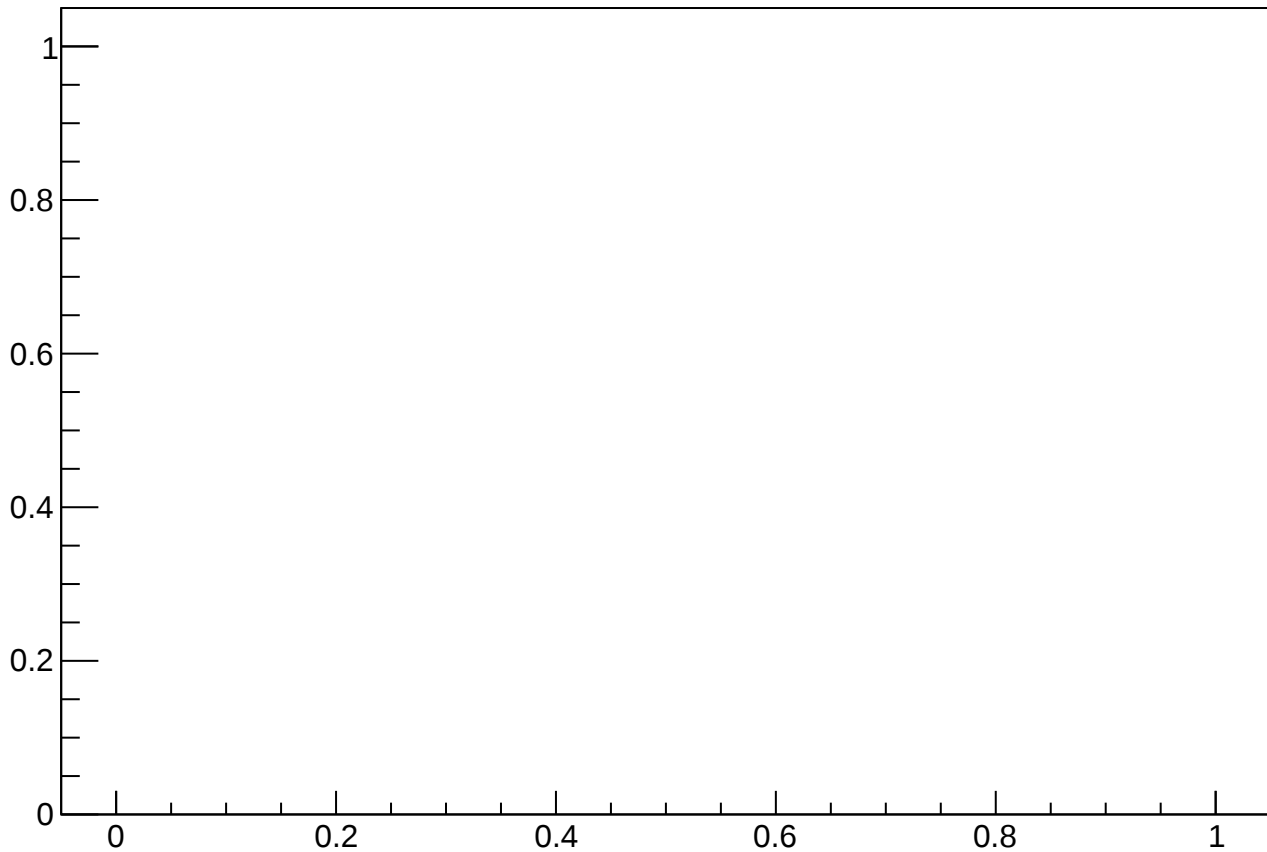
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



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

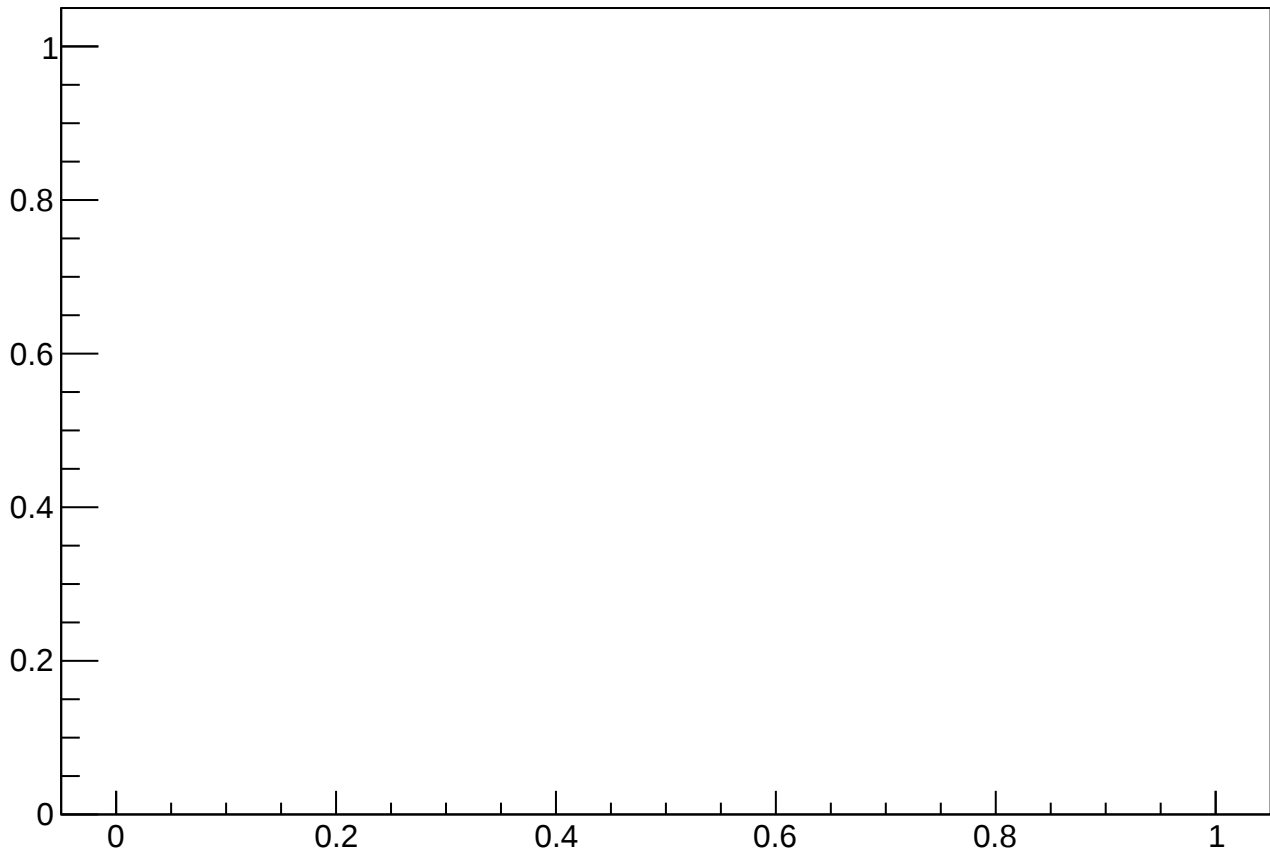
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_rms vs slug



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

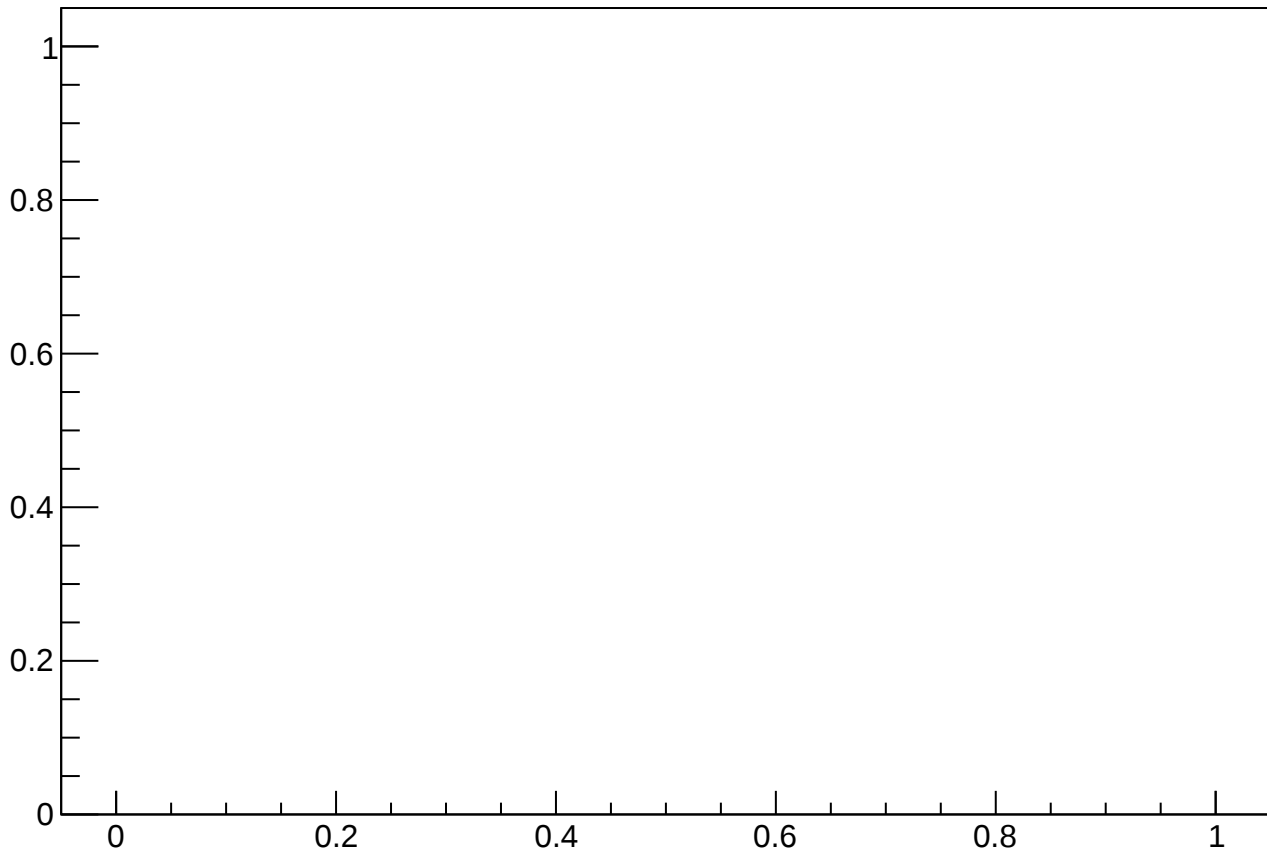
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



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

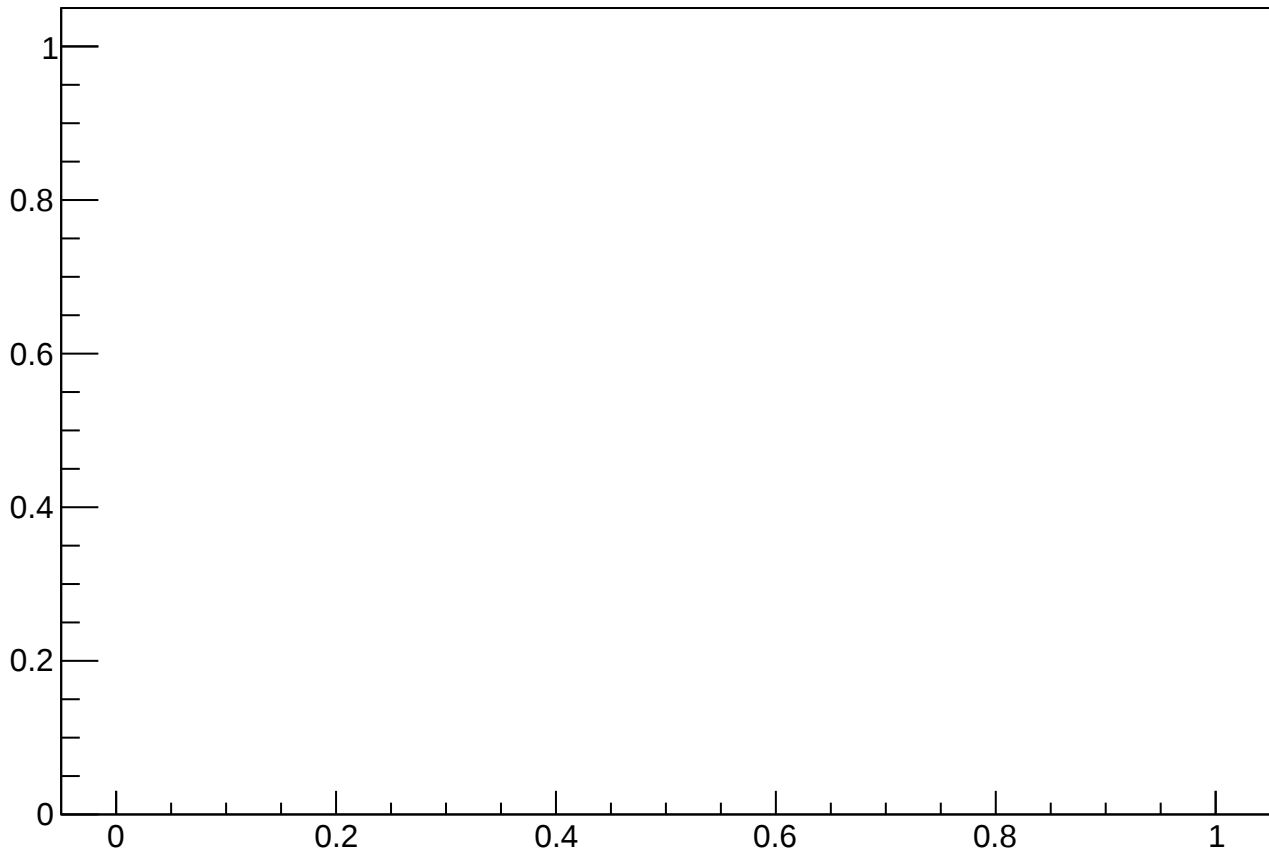
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_48_dd_rms vs slug



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

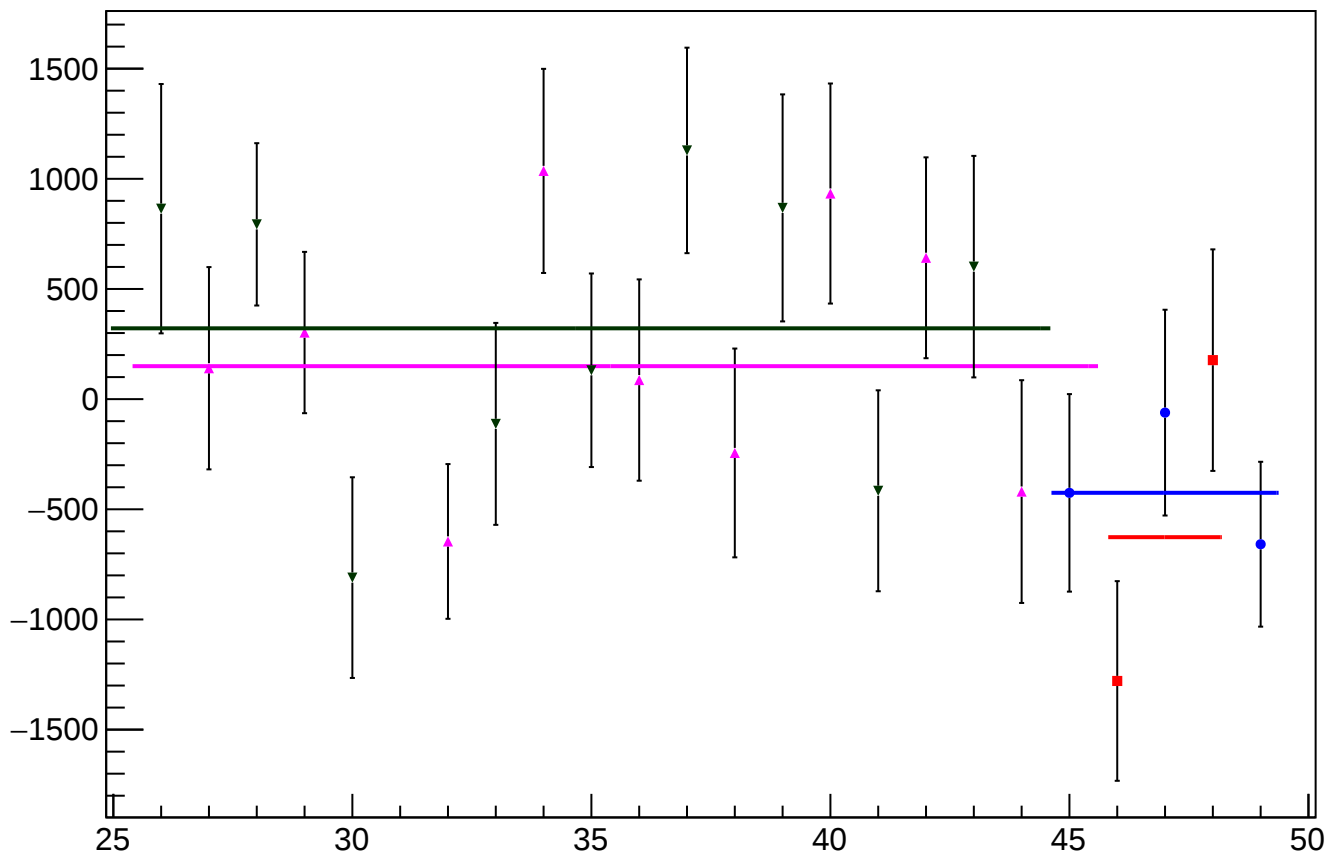
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

reg_asym_sam_15_dd_mean vs slug



Right In: -425.159+/-244.661 χ^2/NDF : 1.0/2

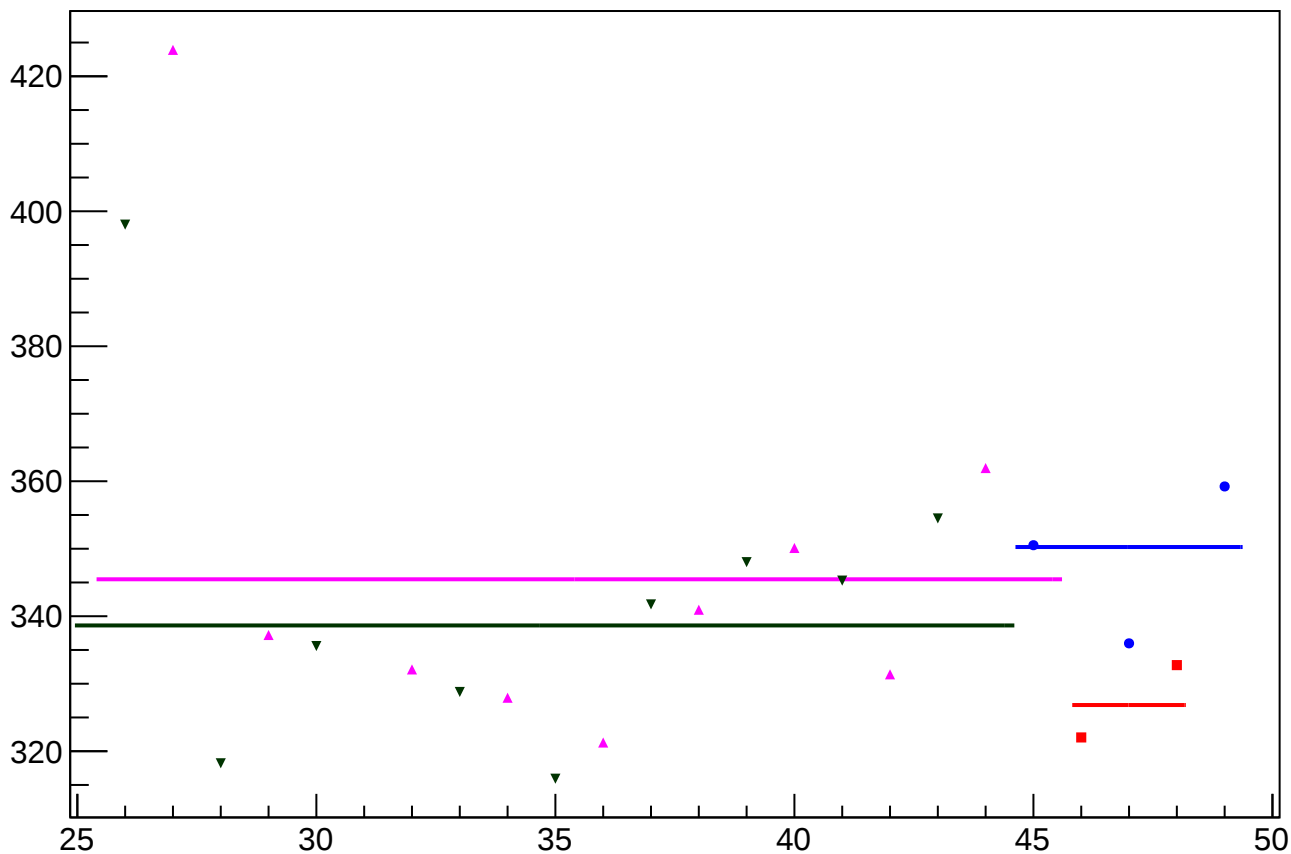
Left Out: 321.392+/-153.601 χ^2/NDF :16.9/8

Right Out: -626.548+/-336.583 χ^2/NDF : 4.6/1

Left In: 149.607+/-145.938 χ^2/NDF :14.6/8

69.760+/-93.303 χ^2/NDF : 48.4/22

reg_asym_sam_15_dd_rms vs slug



Right In: 350.253+/-0.173 χ^2/NDF : 3019.8/2

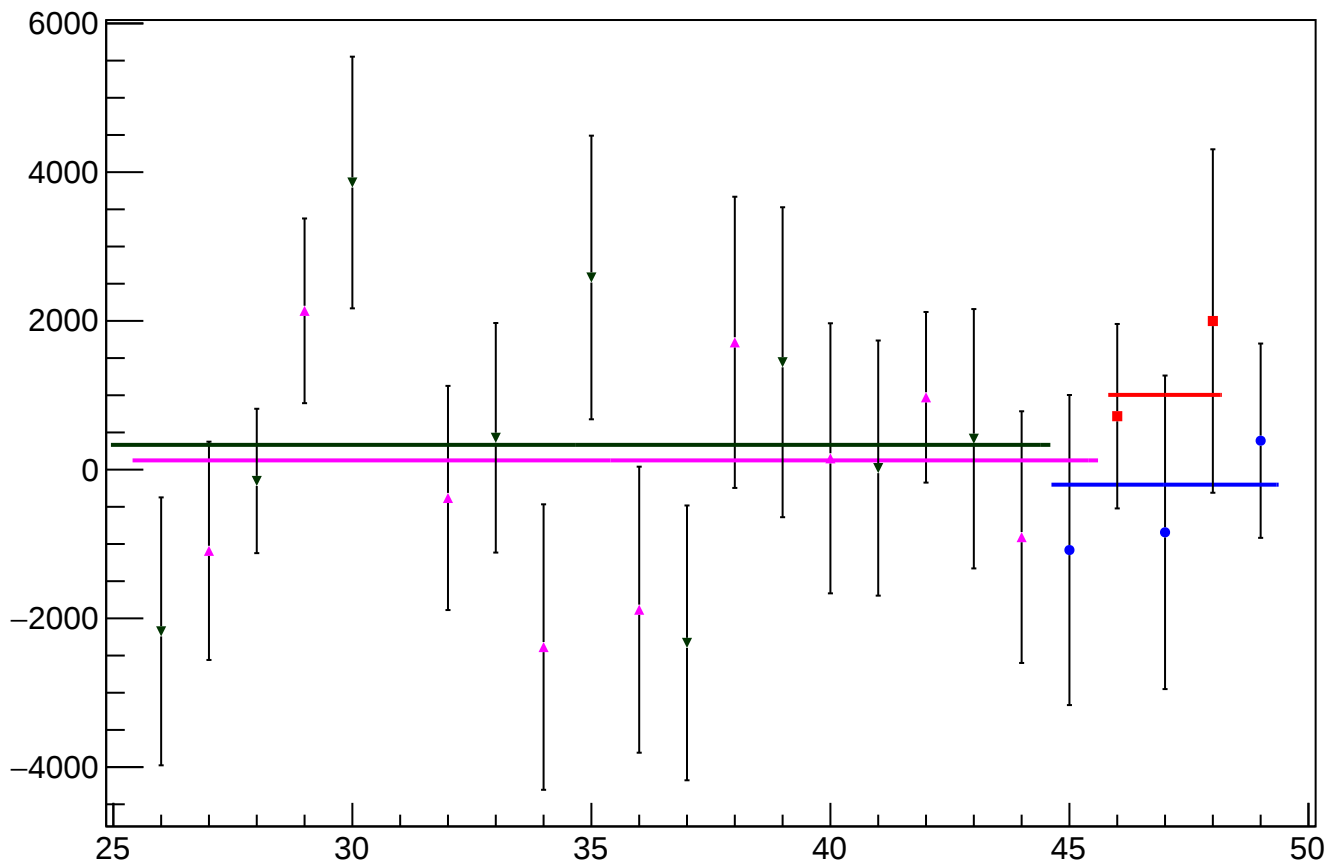
Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

Right Out: 326.843+/-0.238 χ^2/NDF : 501.5/1

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

342.213+/-0.066 χ^2/NDF : 124798.8/22

asym_sam_15_dd_correction_mean vs slug



Right In: -202.175+/-980.091 χ^2/NDF : 0.5/2

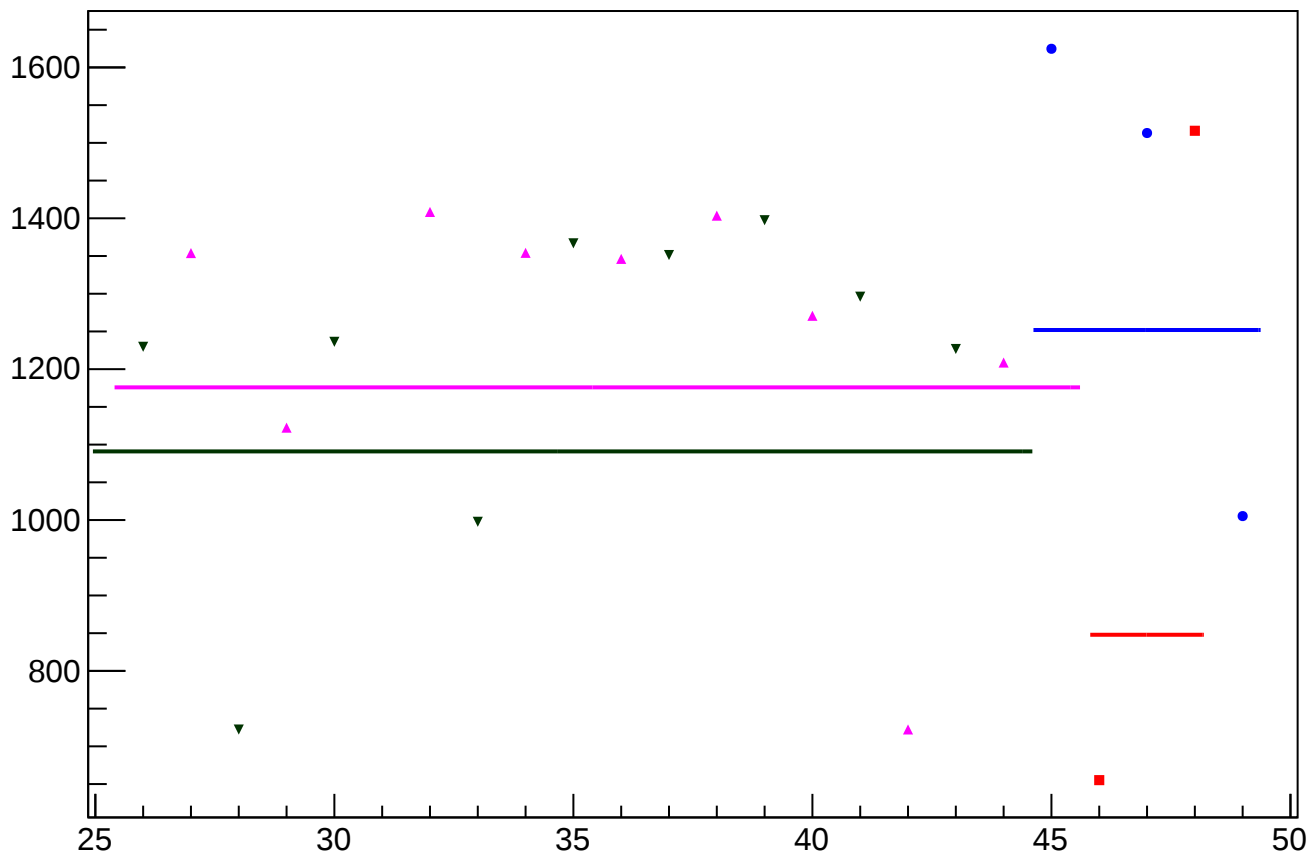
Left Out: 333.038+/-526.643 χ^2/NDF : 10.3/8

Right Out: 1005.030+/-1092.608 χ^2/NDF : 0.2/1

Left In: 124.264+/-515.157 χ^2/NDF : 7.8/8

248.632+/-328.757 χ^2/NDF : 19.6/22

asym_sam_15_dd_correction_rms vs slug



Right In: 1251.918+/-0.693 χ^2/NDF : 165961.1/2

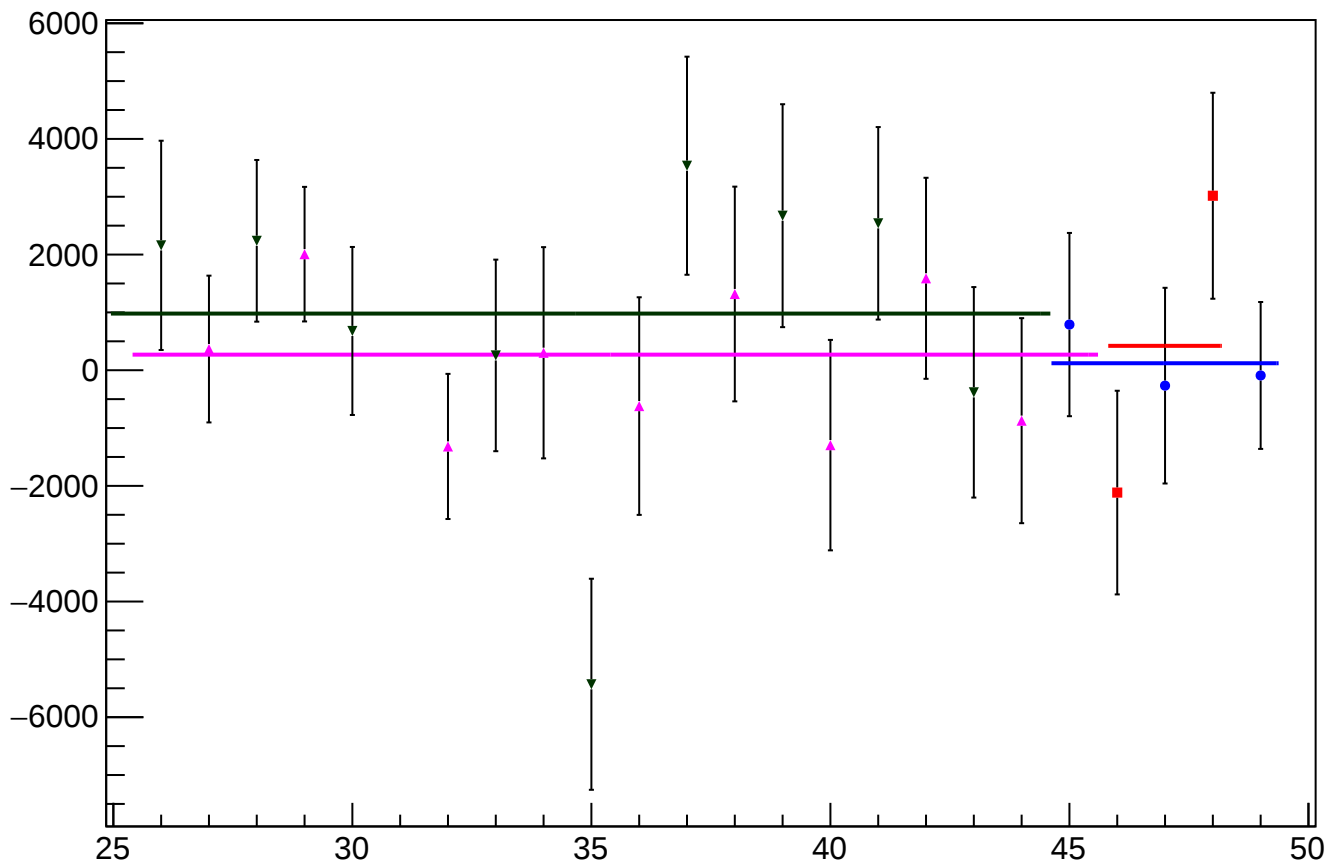
Left Out: 1090.976+/-0.372 χ^2/NDF : 488039.7/8

Right Out: 847.913+/-0.773 χ^2/NDF : 215709.7/1

Left In: 1175.875+/-0.364 χ^2/NDF : 459477.1/8

1121.655+/-0.232 χ^2/NDF : 1518999.2/22

reg_asym_sam_26_dd_mean vs slug



Right In: 120.768 $\pm$ 855.179 χ^2 /NDF: 0.3/2

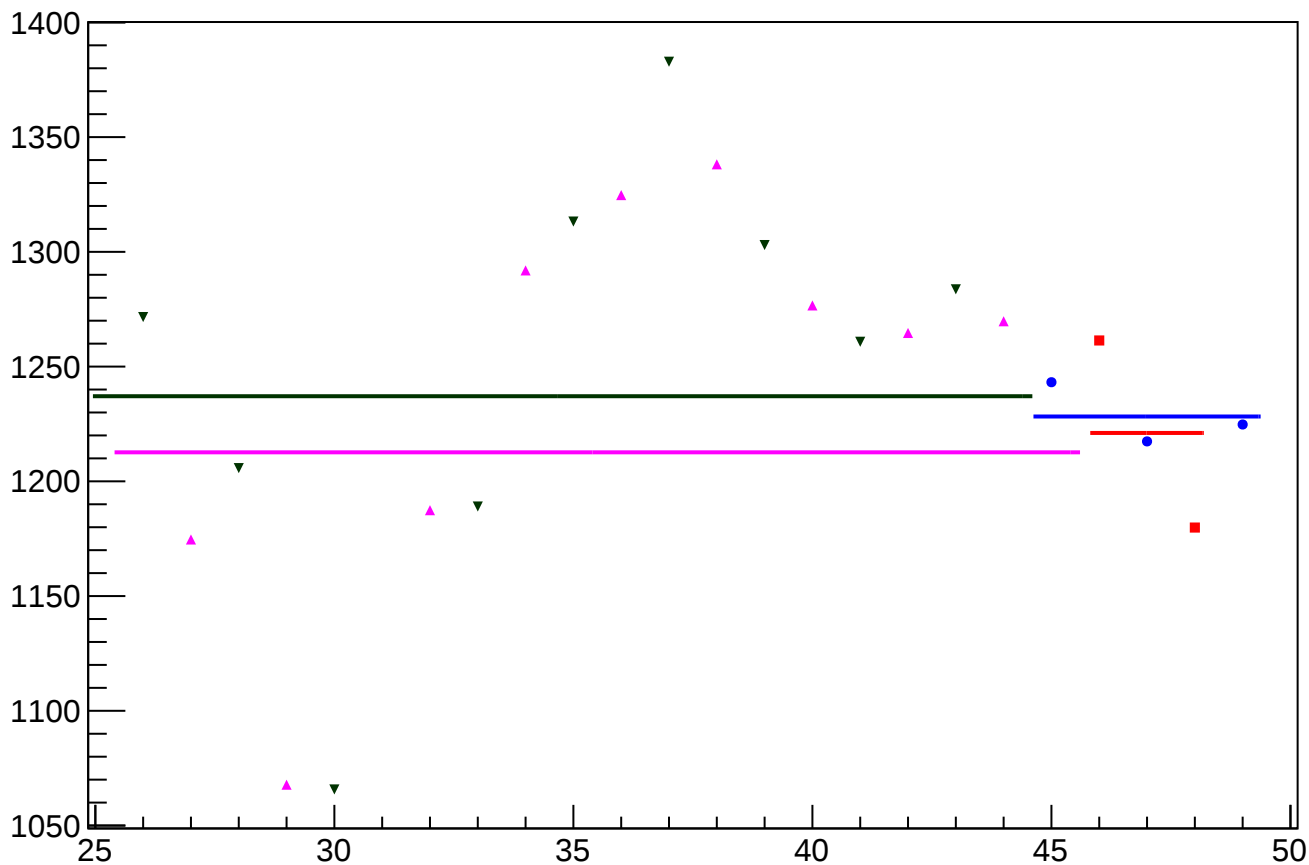
Left Out: 979.553 $\pm$ 561.753 χ^2 /NDF: 17.9/8

Right Out: 421.590 $\pm$ 1252.211 χ^2 /NDF: 4.2/1

Left In: 269.305 $\pm$ 511.773 χ^2 /NDF: 6.1/8

507.817 $\pm$ 333.480 χ^2 /NDF: 29.6/22

reg_asym_sam_26_dd_rms vs slug



Right In: 1228.249 $\pm$ 0.605 χ^2 /NDF: 275.1/2

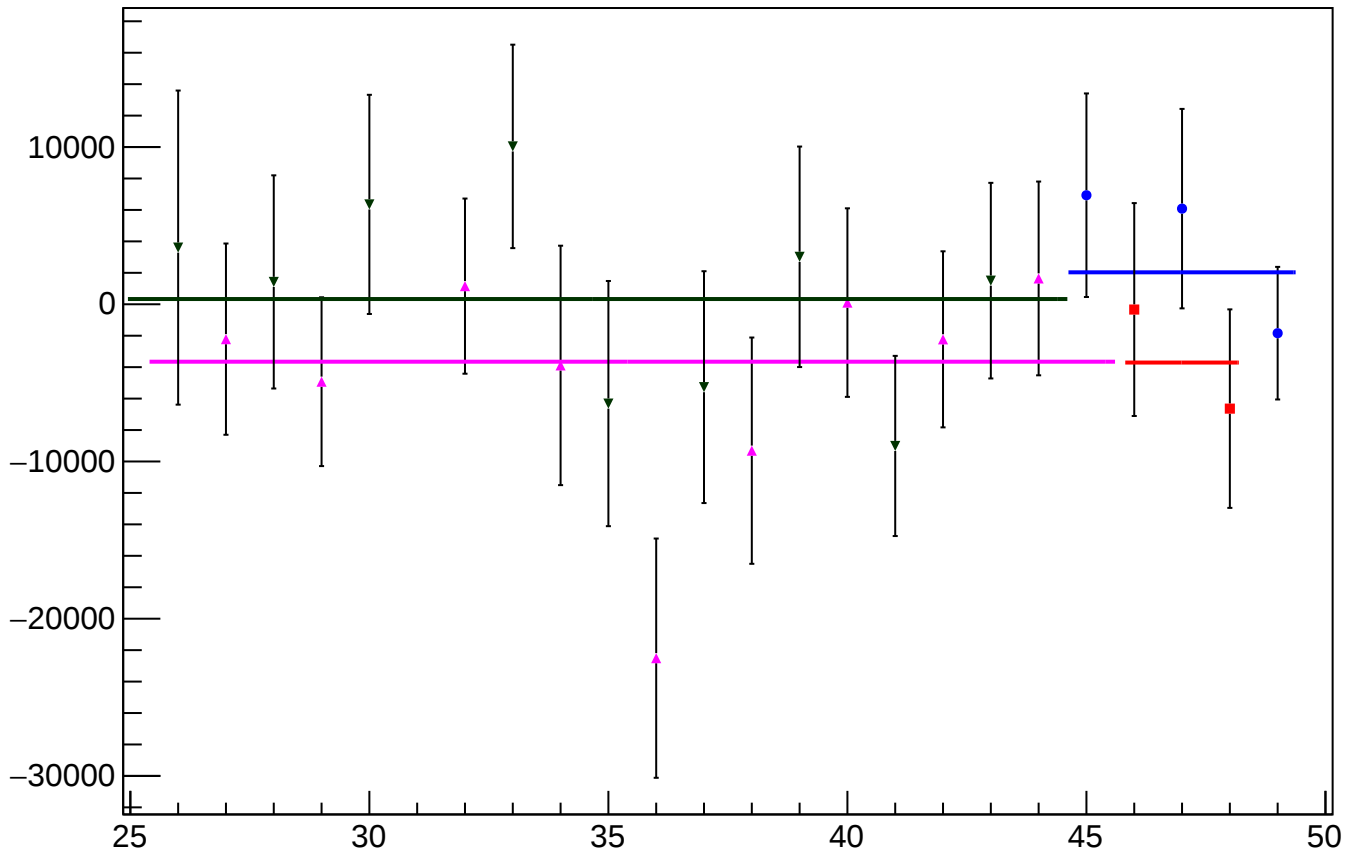
Left Out: 1237.088 $\pm$ 0.397 χ^2 /NDF: 50723.7/8

Right Out: 1221.080 $\pm$ 0.885 χ^2 /NDF: 2119.2/1

Left In: 1212.637 $\pm$ 0.362 χ^2 /NDF: 59937.0/8

1224.226 $\pm$ 0.236 χ^2 /NDF: 115185.9/22

asym_sam_26_dd_correction_mean vs slug



Right In: 2031.761+/-3086.889 χ^2/NDF : 1.8/2

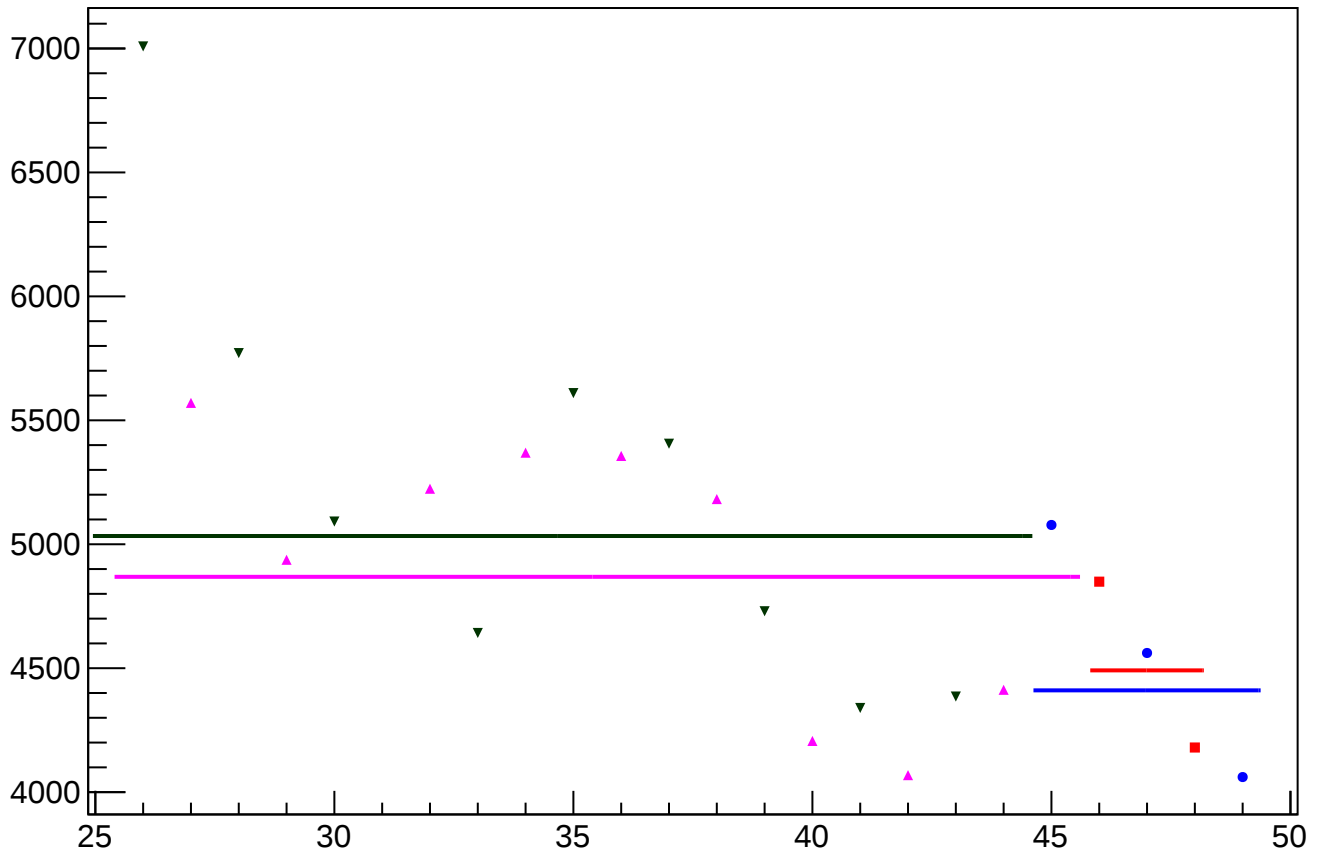
Left Out: 333.092+/-2308.078 χ^2/NDF : 7.3/8

-1312.093+/-1320.644 χ^2/NDF : 21.6/22

Right Out: -3707.031+/-4617.528 χ^2/NDF : 0.5/1

Left In: -3653.482+/-2068.125 χ^2/NDF : 8.8/8

asym_sam_26_dd_correction_rms vs slug



Right In: 4410.628+/-2.183 χ^2/NDF : 36132.2/2

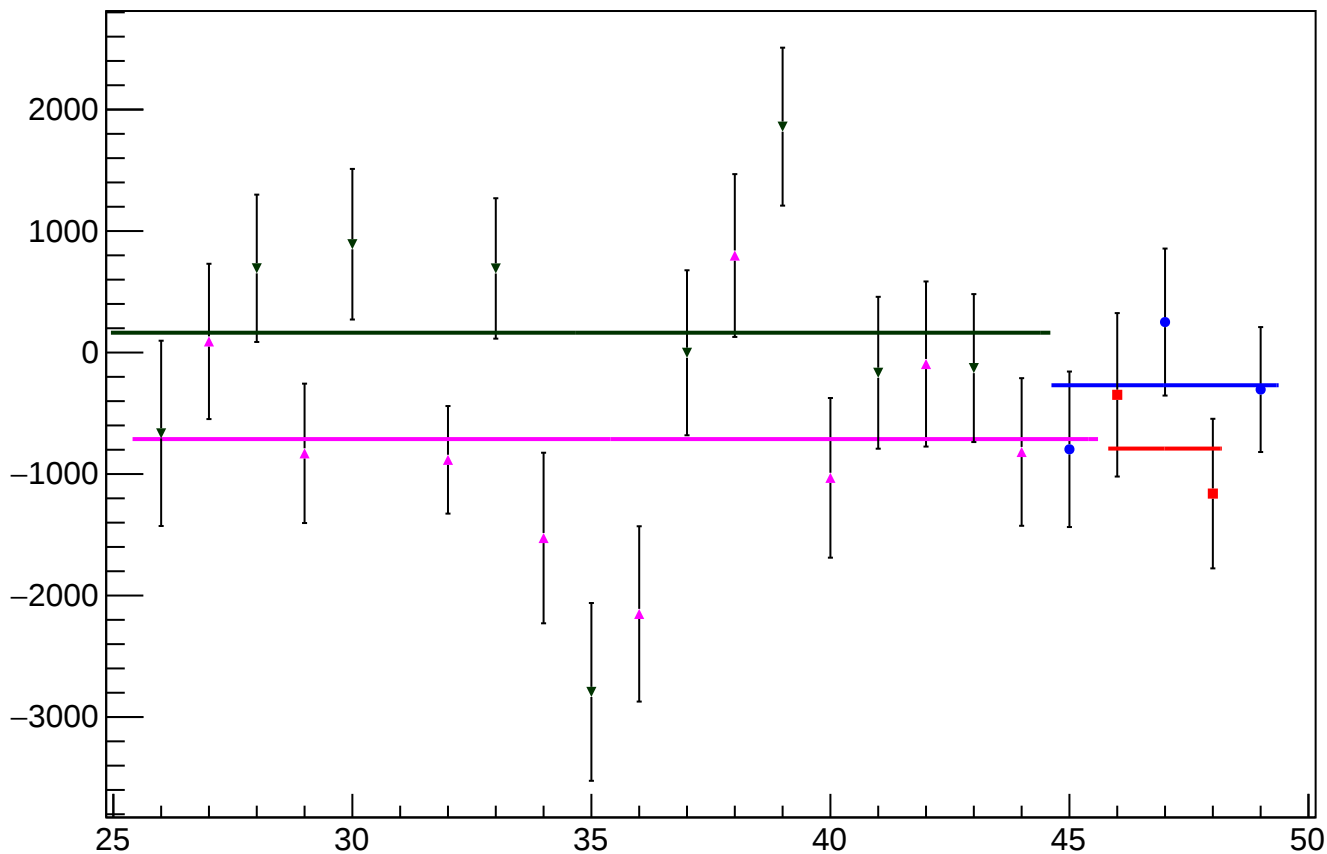
Left Out: 5033.309+/-1.632 χ^2/NDF :180086.7/8

Right Out: 4491.236+/-3.265 χ^2/NDF : 10445.3/1

Left In: 4868.659+/-1.462 χ^2/NDF :131897.8/8

4807.856+/-0.934 χ^2/NDF : 421895.3/22

reg_asym_sam_37_dd_mean vs slug



Right In: -269.179+/-334.129 χ^2/NDF : 1.4/2

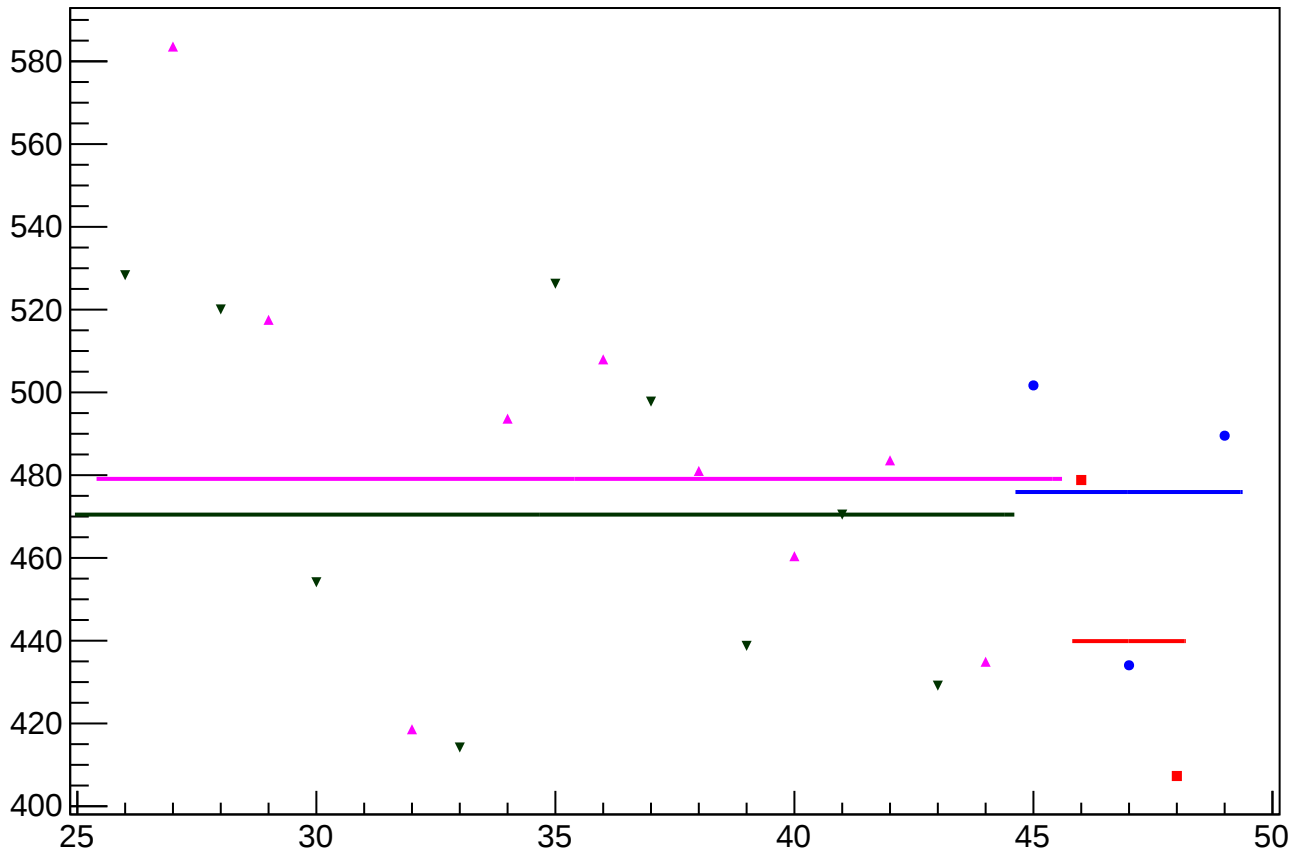
Left Out: 163.244+/-214.677 χ^2/NDF : 27.9/8

Right Out: -790.389+/-454.126 χ^2/NDF : 0.8/1

Left In: -712.252+/-204.302 χ^2/NDF : 13.3/8

-332.407+/-129.681 χ^2/NDF : 53.2/22

reg_asym_sam_37_dd_rms vs slug



Right In: 475.927+/-0.236 χ^2/NDF : 14222.6/2

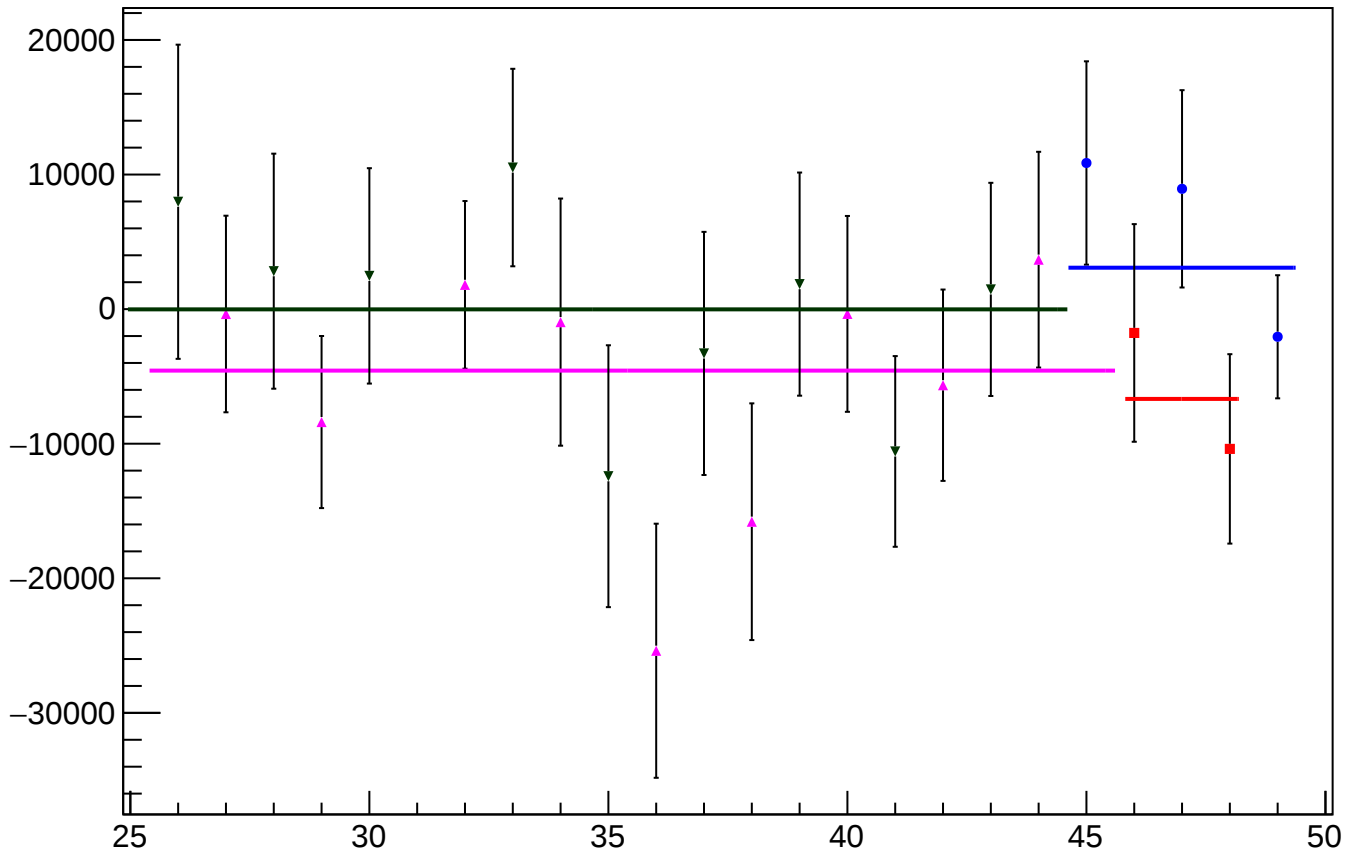
Left Out: 470.470+/-0.152 χ^2/NDF : 74080.1/8

Right Out: 439.901+/-0.321 χ^2/NDF : 12303.8/1

Left In: 479.100+/-0.144 χ^2/NDF : 116132.1/8

472.277+/-0.092 χ^2/NDF : 229515.5/22

asym_sam_37_dd_correction_mean vs slug



Right In: 3078.042 $\pm$ 3451.967 χ^2 /NDF: 3.0/2

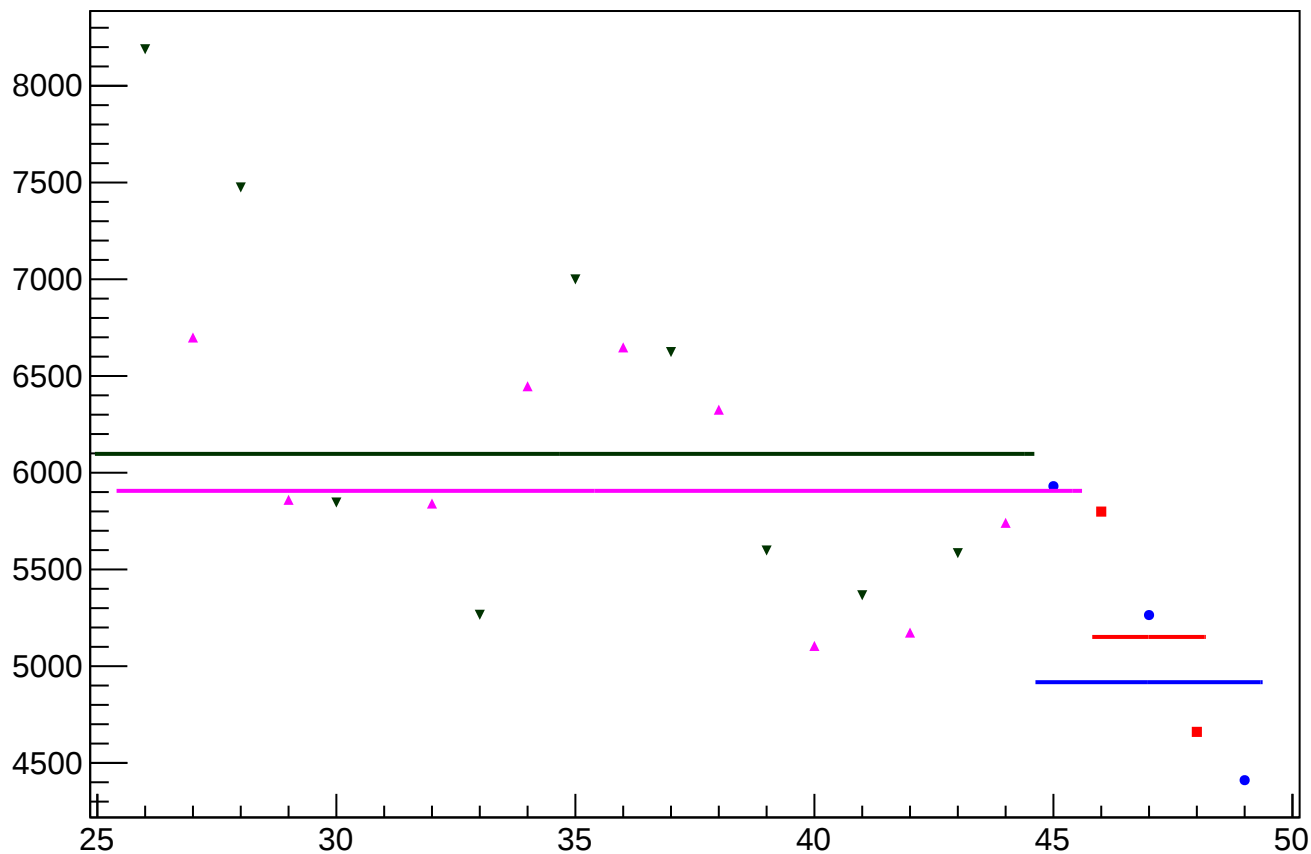
Left Out: -17.487 $\pm$ 2796.410 χ^2 /NDF:6.8/8

-1741.970 $\pm$ 1568.417 χ^2 /NDF: 24.7/22

Right Out: -6672.267 $\pm$ 5308.498 χ^2 /NDF: 0.6/1

Left In: -4568.467 $\pm$ 2506.032 χ^2 /NDF:9.8/8

asym_sam_37_dd_correction_rms vs slug



Right In: 4917.306+/-2.441 χ^2 /NDF: 64976.1/2

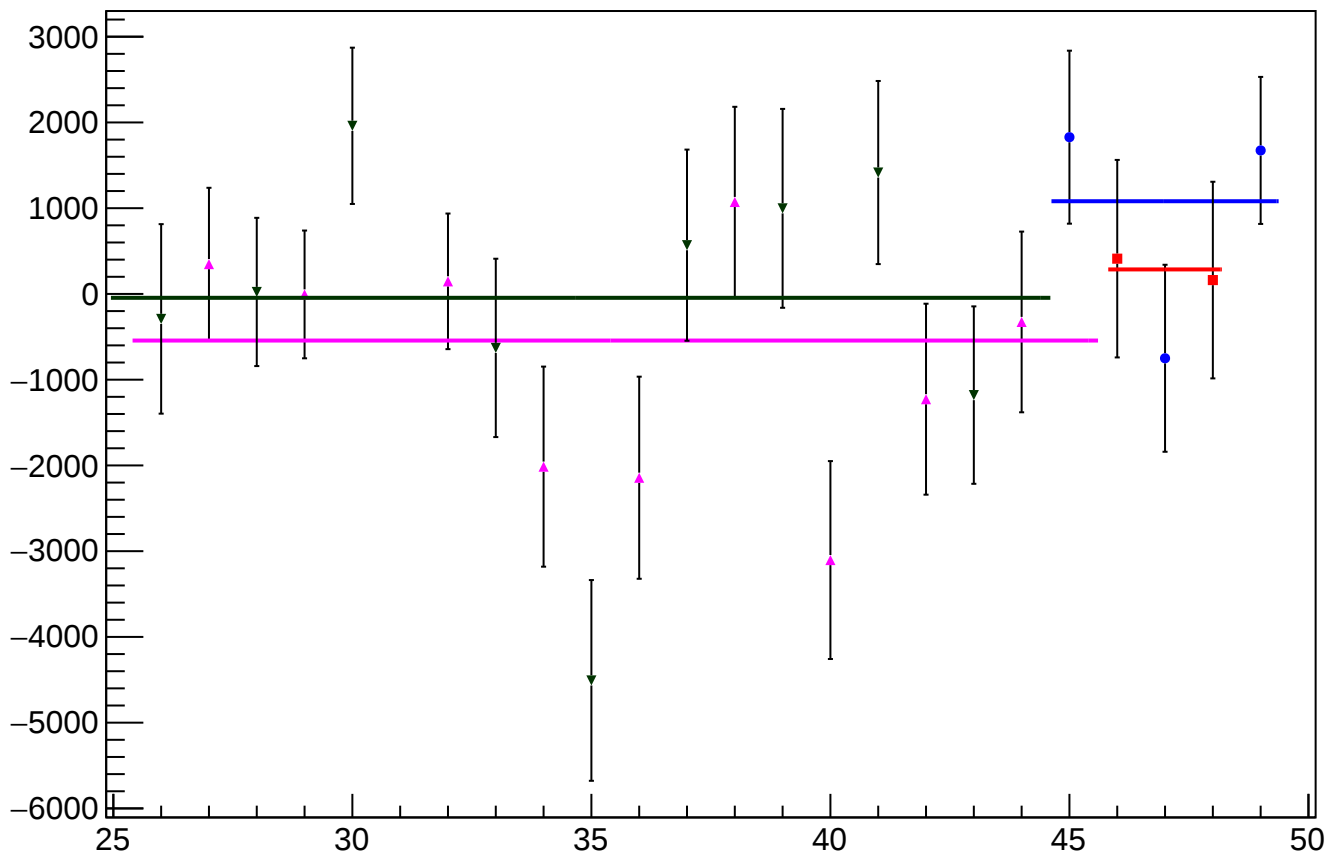
Left Out: 6097.446+/-1.977 χ^2 /NDF:202537.0/8

Right Out: 5151.187+/-3.754 χ^2 /NDF: 22564.7/1

Left In: 5906.293+/-1.772 χ^2 /NDF:94067.7/8

5696.345+/-1.109 χ^2 /NDF: 562284.8/22

reg_asym_sam_48_dd_mean vs slug



Right In: 1081.224+/-560.414 χ^2/NDF : 3.8/2

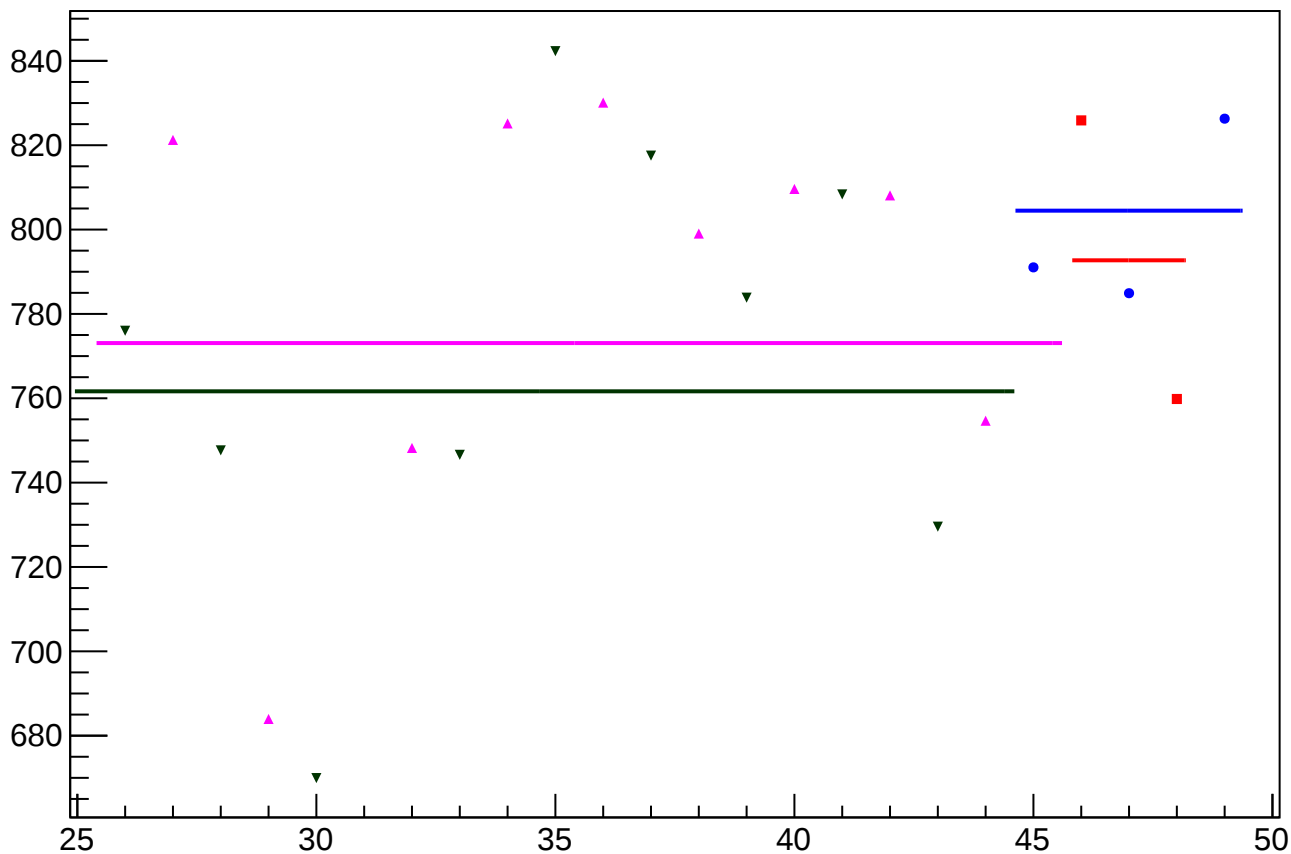
Left Out: -45.235+/-345.547 χ^2/NDF : 23.9/8

Right Out: 285.867+/-812.599 χ^2/NDF : 0.0/1

Left In: -543.555+/-326.377 χ^2/NDF : 13.2/8

-71.500+/-211.000 χ^2/NDF : 47.5/22

reg_asym_sam_48_dd_rms vs slug



Right In: 804.484+/-0.396 χ^2/NDF : 2294.0/2

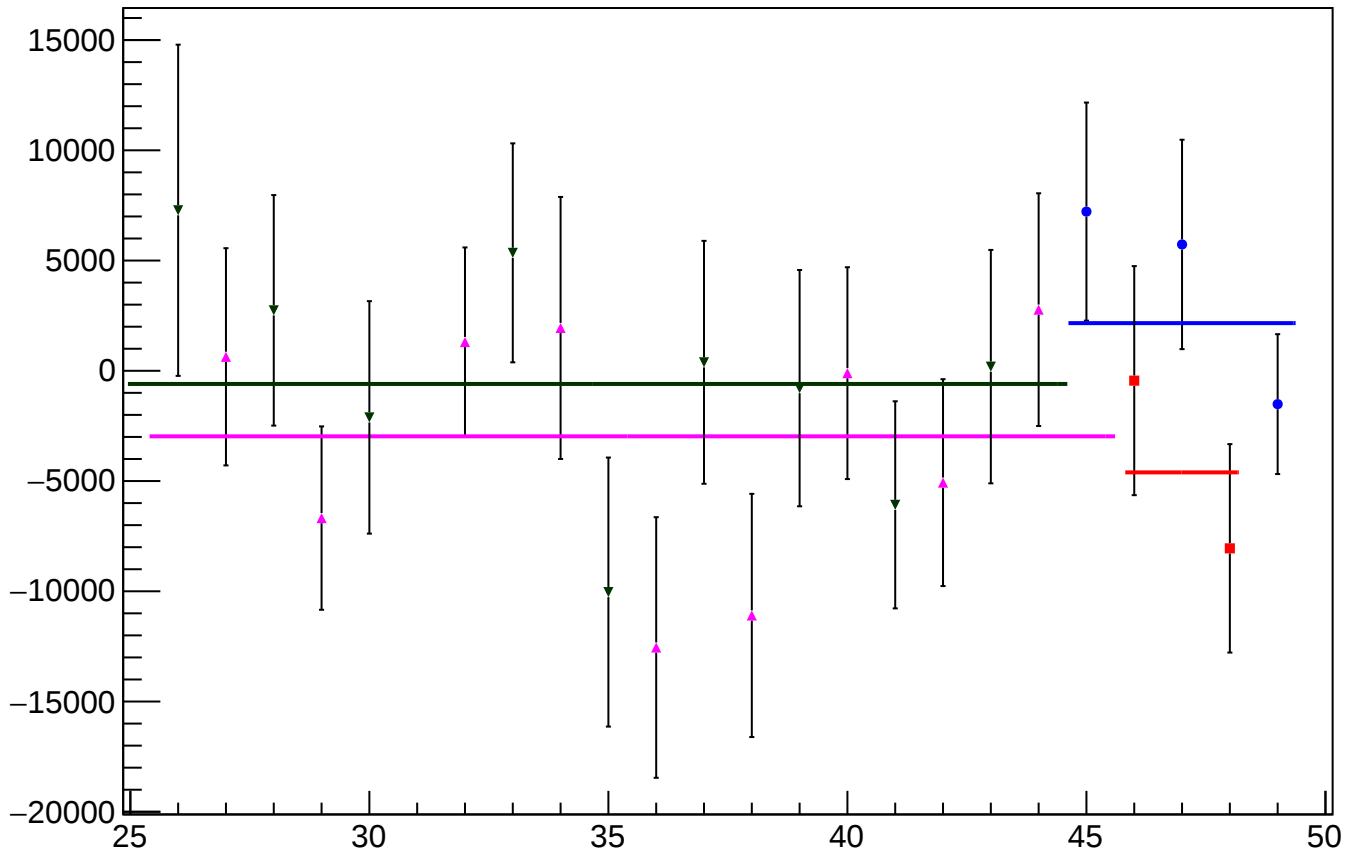
Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

774.597+/-0.149 χ^2/NDF : 108473.0/22

Right Out: 792.711+/-0.575 χ^2/NDF : 3303.9/1

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

asym_sam_48_dd_correction_mean vs slug



Right In: 2161.796 $\pm$ 2327.411 χ^2/NDF : 3.0/2

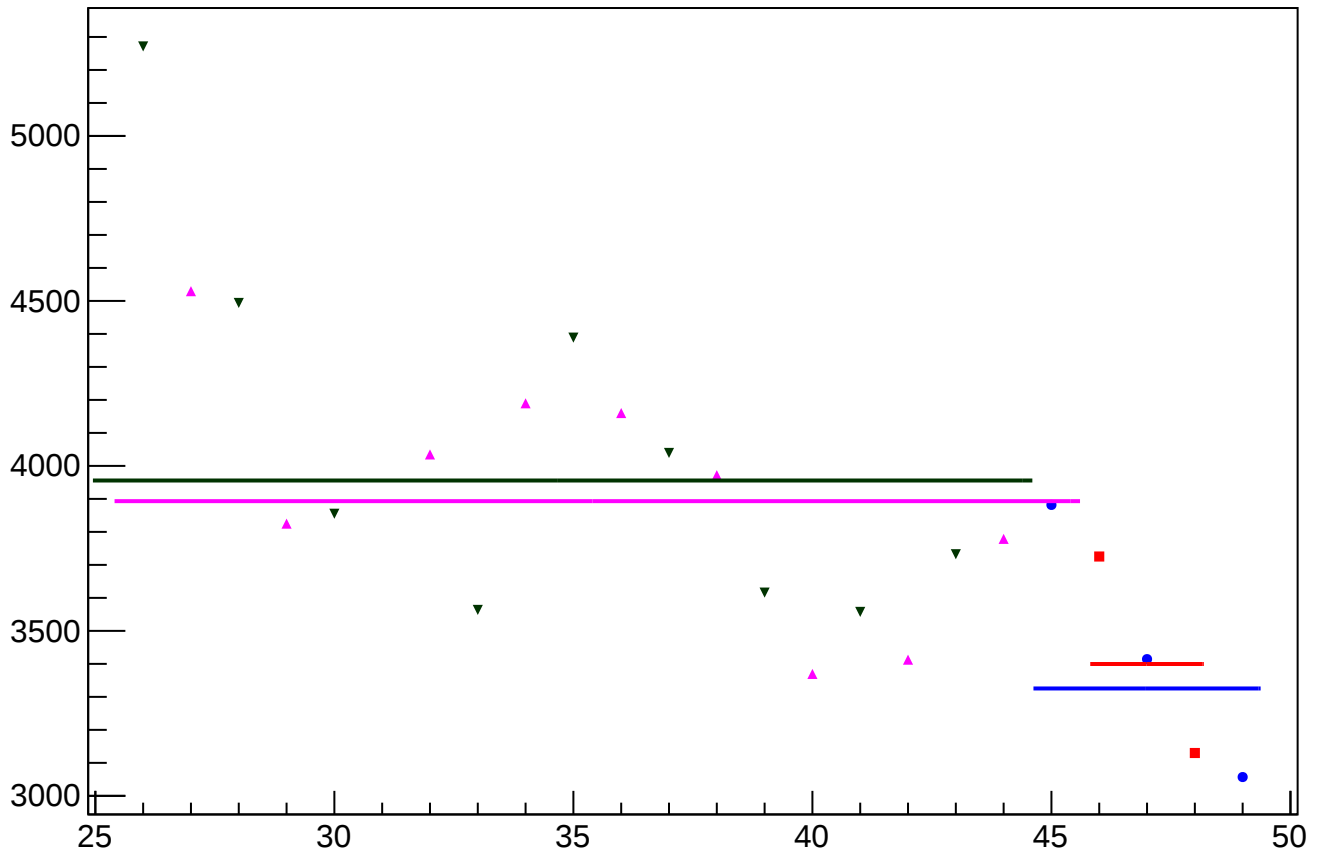
Left Out: -596.718 $\pm$ 1806.172 χ^2/NDF : 6.8/8

-1333.222 $\pm$ 1030.914 χ^2/NDF : 24.8/22

Right Out: -4607.244 $\pm$ 3495.934 χ^2/NDF : 1.2/1

Left In: -2972.241 $\pm$ 1648.547 χ^2/NDF : 9.5/8

asym_sam_48_dd_correction_rms vs slug



Right In: 3325.448 $\pm$ 1.646 χ^2/NDF : 40329.3/2

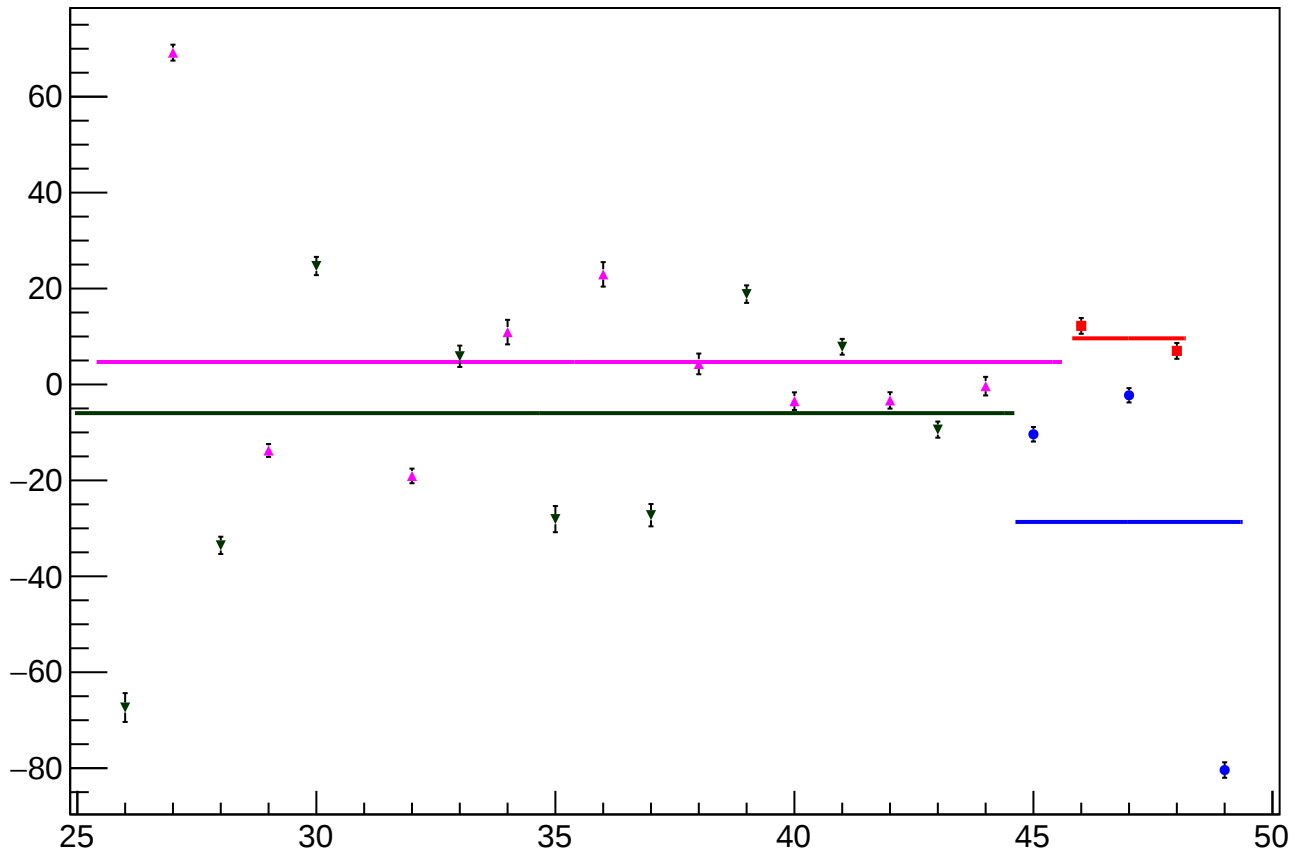
Left Out: 3955.749 $\pm$ 1.277 χ^2/NDF : 132278.2/8

Right Out: 3399.616 $\pm$ 2.472 χ^2/NDF : 14380.8/1

Left In: 3893.148 $\pm$ 1.166 χ^2/NDF : 91246.8/8

3759.242 $\pm$ 0.729 χ^2/NDF : 405747.2/22

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -28.663 ± 0.889 χ^2/NDF : 1480.7/2

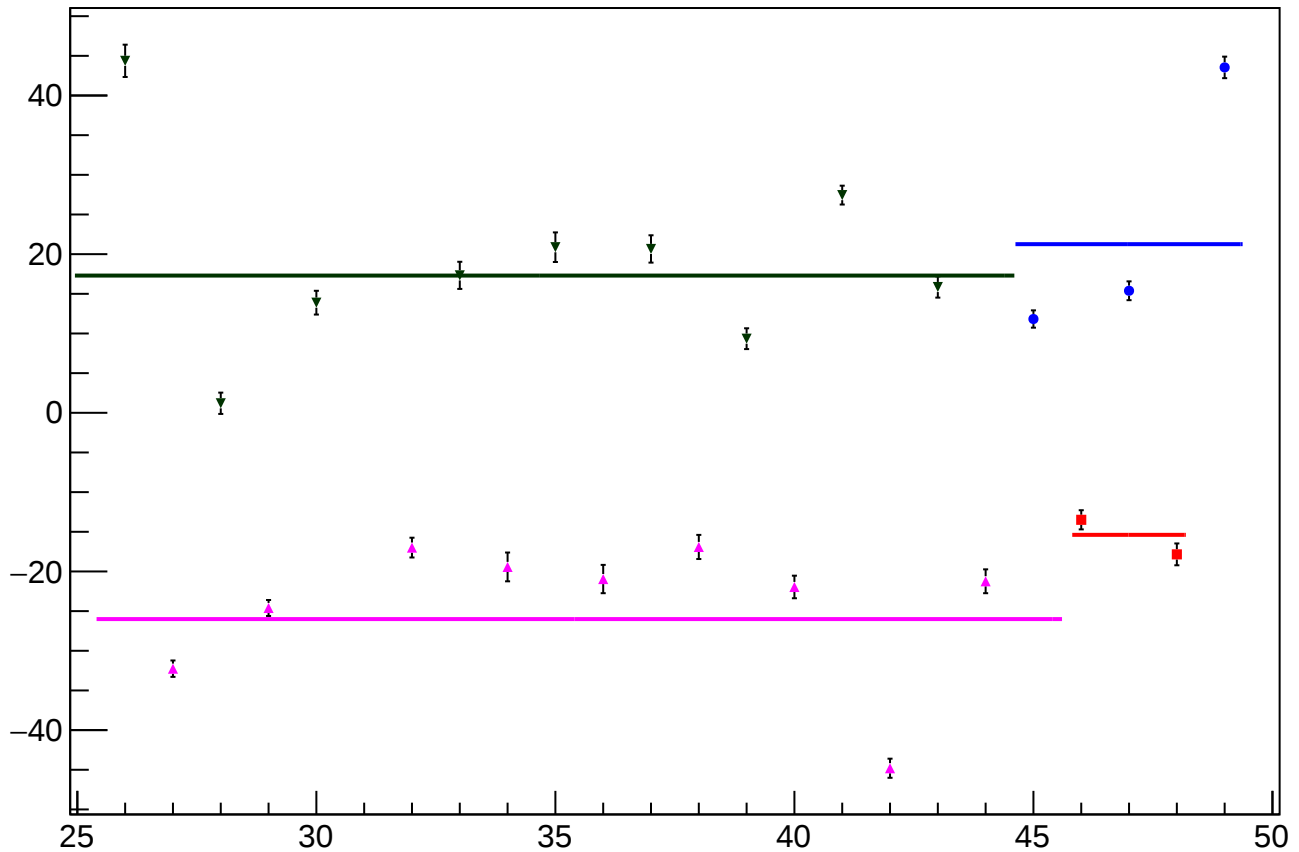
Left Out: -5.976 ± 0.669 χ^2/NDF : 1346.2/8

-4.214 ± 0.378 χ^2/NDF : 5997.9/22

Right Out: 9.618 ± 1.166 χ^2/NDF : 5.0/1

Left In: 4.687 ± 0.600 χ^2/NDF : 2042.2/8

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 21.260 $\pm$ 0.691 χ^2/NDF : 368.9/2

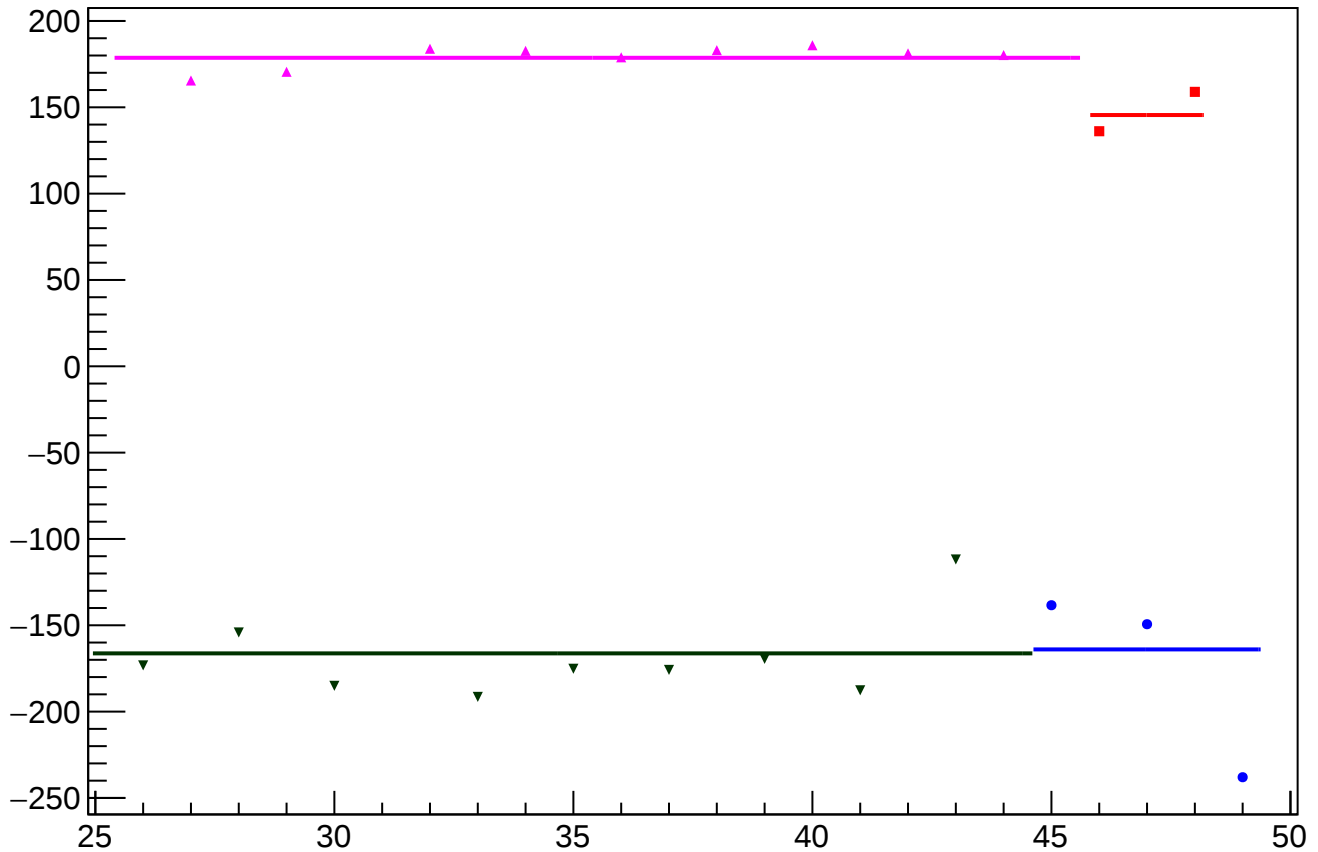
Left Out: 17.301 $\pm$ 0.497 χ^2/NDF : 443.8/8

Right Out: -15.385 $\pm$ 0.908 χ^2/NDF : 5.7/1

Left In: -26.003 $\pm$ 0.437 χ^2/NDF : 409.3/8

-3.198 $\pm$ 0.282 χ^2/NDF : 7091.1/22

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -163.976+/-0.154 χ^2/NDF : 64113.4/2

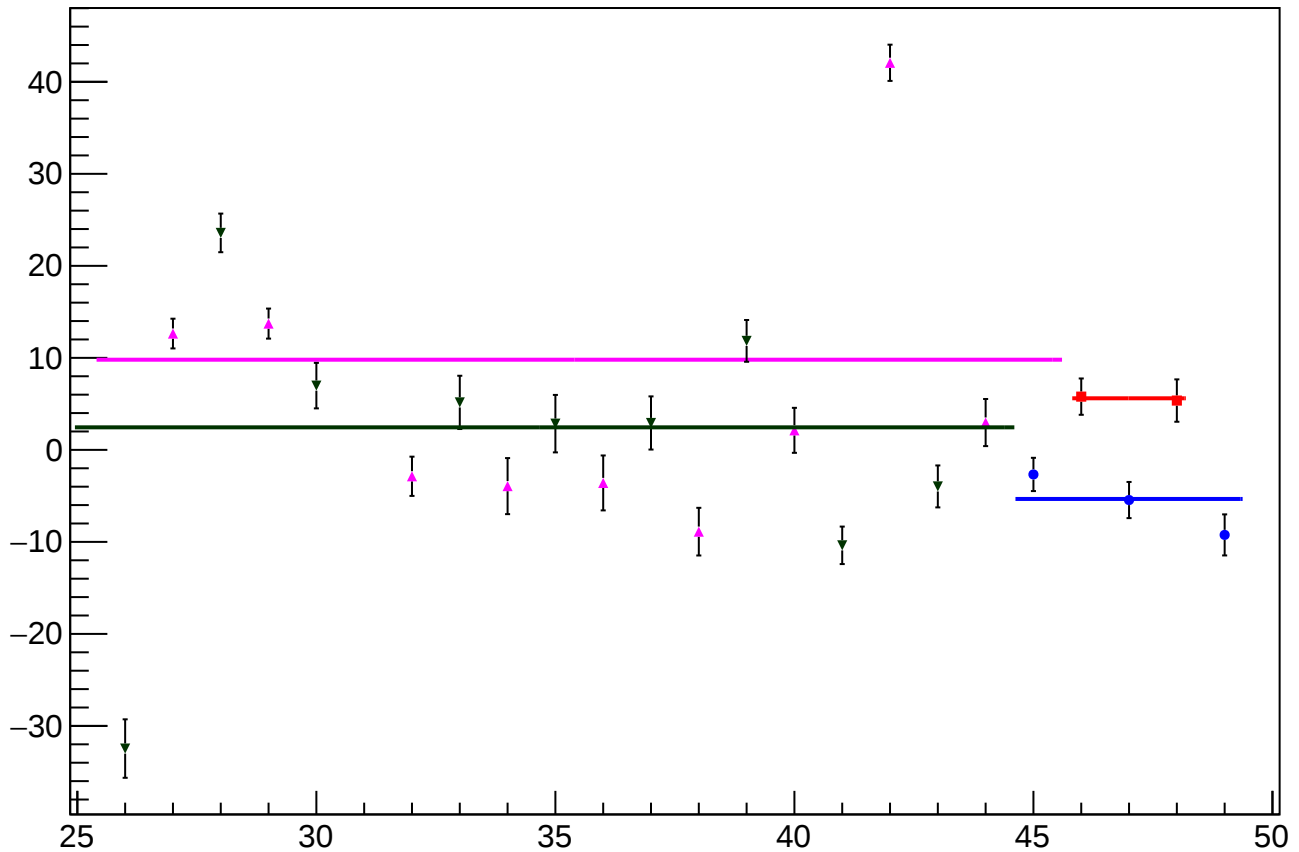
Left Out: -166.272+/-0.112 χ^2/NDF : 54572.5/8

Right Out: 145.525+/-0.190 χ^2/NDF : 3504.7/1

Left In: 178.677+/-0.104 χ^2/NDF : 4273.4/8

2.333+/-0.064 χ^2/NDF : 7016224.3/22

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -5.334 ± 1.143 χ^2/NDF : 5.2/2

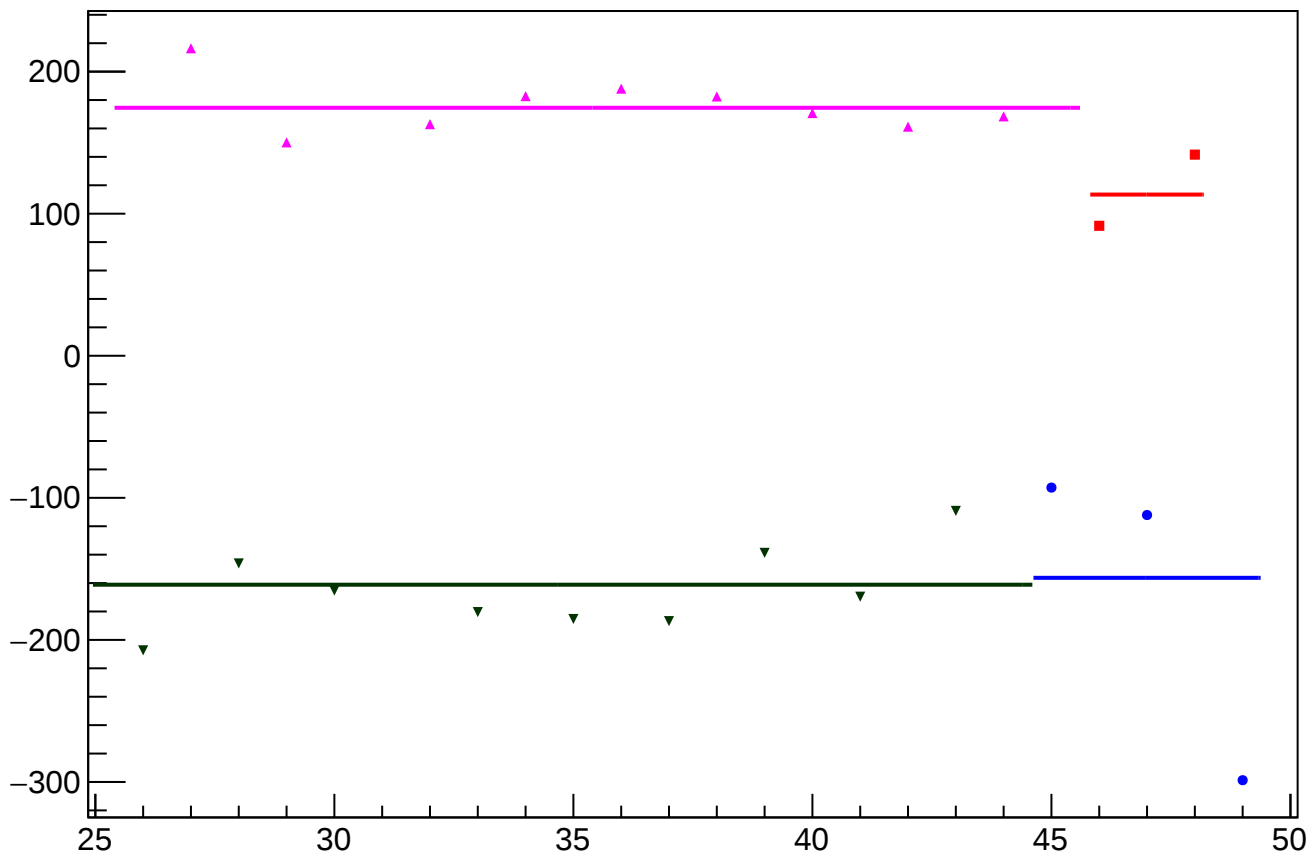
Left Out: 2.449 ± 0.828 χ^2/NDF : 291.1/8

Right Out: 5.605 ± 1.498 χ^2/NDF : 0.0/1

Left In: 9.799 ± 0.721 χ^2/NDF : 422.2/8

4.537 ± 0.466 χ^2/NDF : 853.3/22

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -156.301 ± 0.223 $\chi^2/\text{NDF}: 156818.5/2$

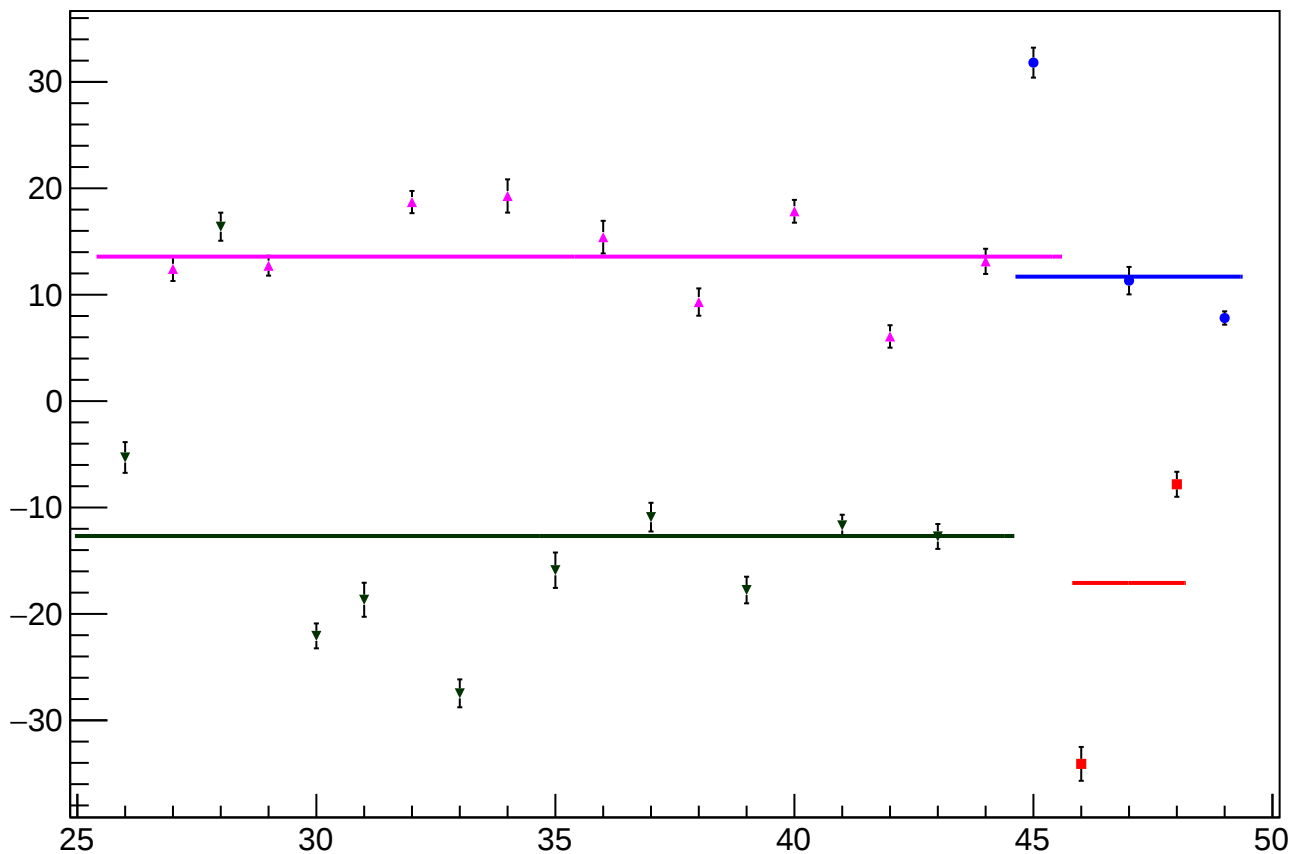
Left Out: -161.152 ± 0.151 $\chi^2/\text{NDF}: 35710.6/8$

-10.499 ± 0.092 $\chi^2/\text{NDF}: 3307242.8/22$

Right Out: 113.461 ± 0.290 $\chi^2/\text{NDF}: 7328.3/1$

Left In: 174.553 ± 0.152 $\chi^2/\text{NDF}: 17338.1/8$

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.697 ± 0.523 χ^2/NDF : 242.9/2

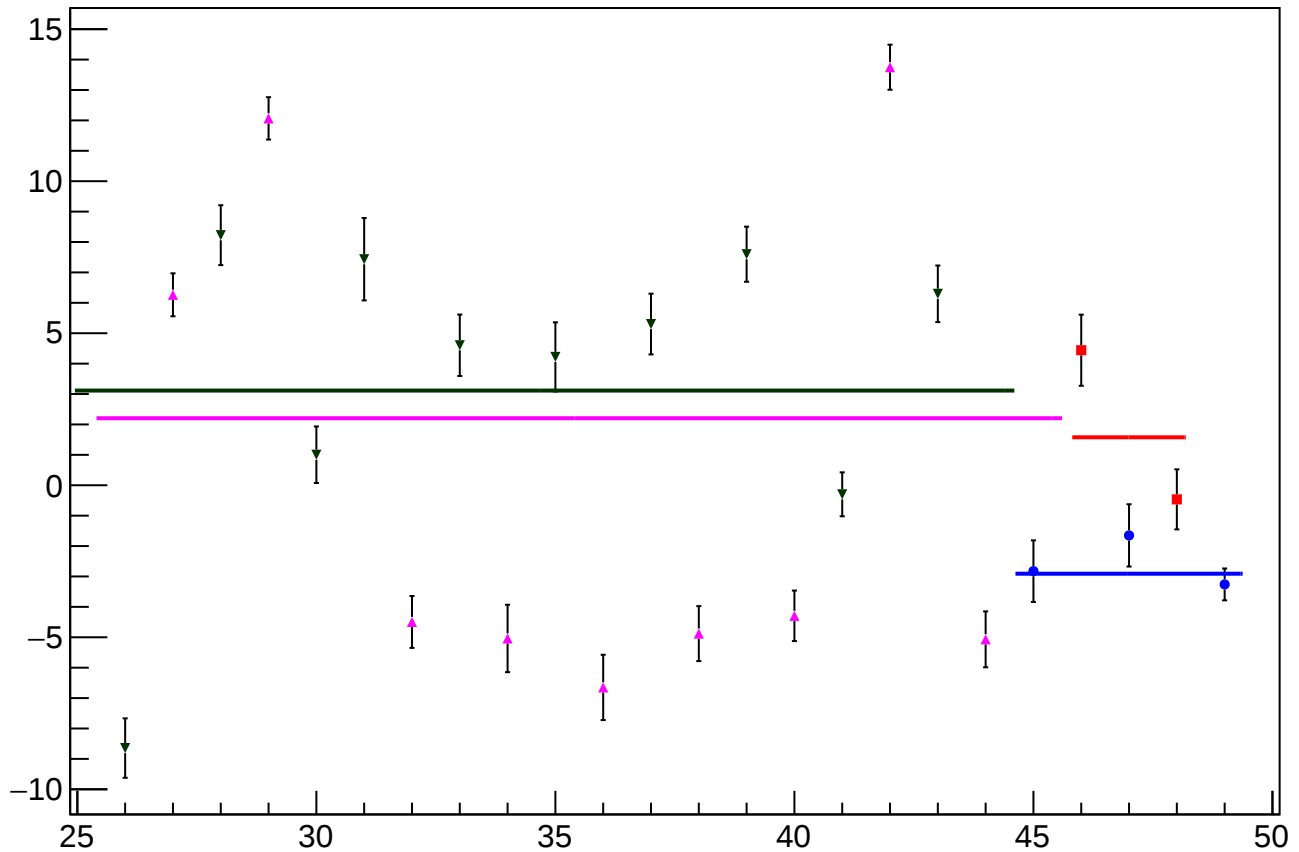
Left Out: -12.678 ± 0.407 χ^2/NDF : 739.7/9

2.221 ± 0.239 χ^2/NDF : 4235.7/23

Right Out: -17.089 ± 0.945 χ^2/NDF : 176.7/1

Left In: 13.580 ± 0.384 χ^2/NDF : 118.2/8

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.910 ± 0.424 $\chi^2/\text{NDF}: 2.0/2$

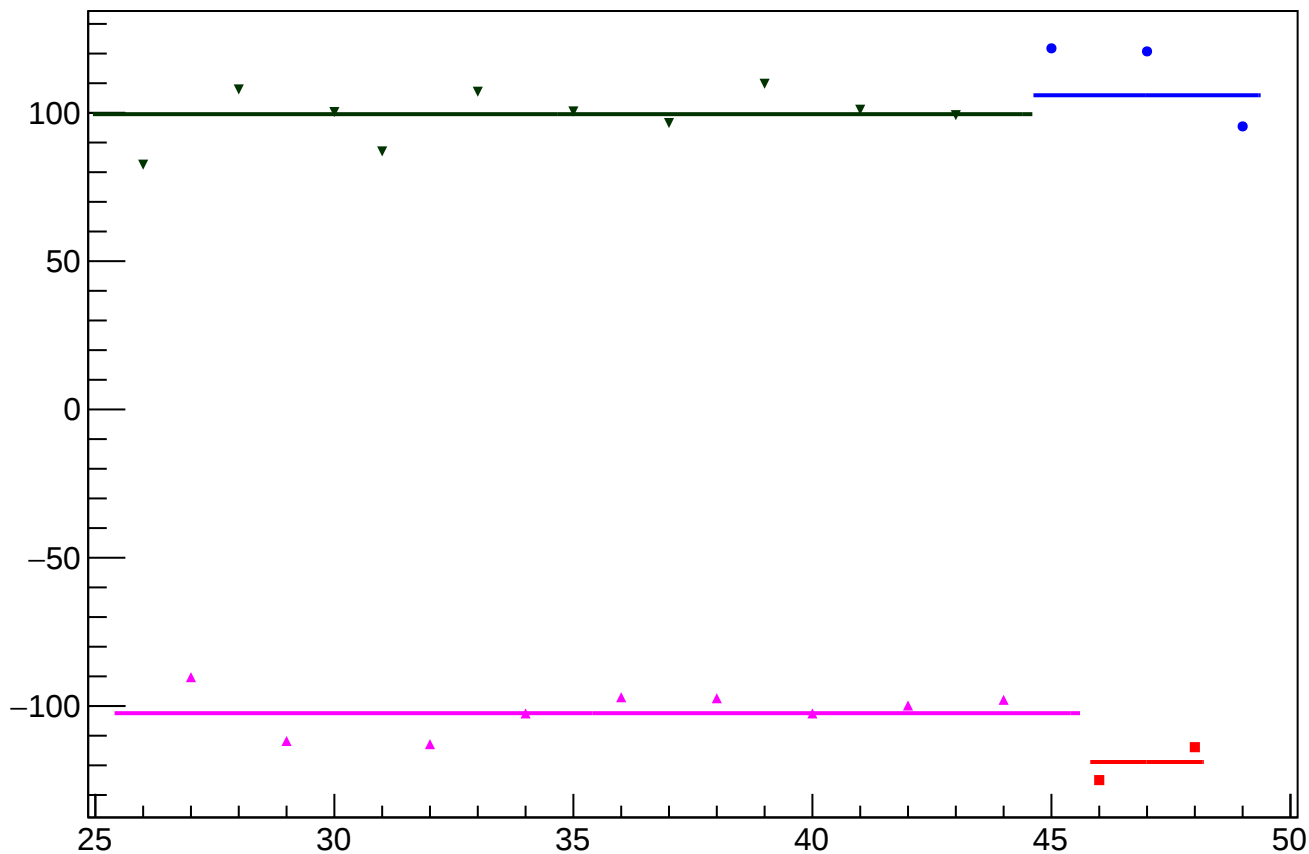
Left Out: 3.114 ± 0.304 $\chi^2/\text{NDF}: 253.2/9$

Right Out: 1.577 ± 0.755 $\chi^2/\text{NDF}: 10.3/1$

Left In: 2.204 ± 0.280 $\chi^2/\text{NDF}: 833.1/8$

1.566 ± 0.180 $\chi^2/\text{NDF}: 1241.3/23$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 105.938+/-0.099 χ^2/NDF : 16373.9/2

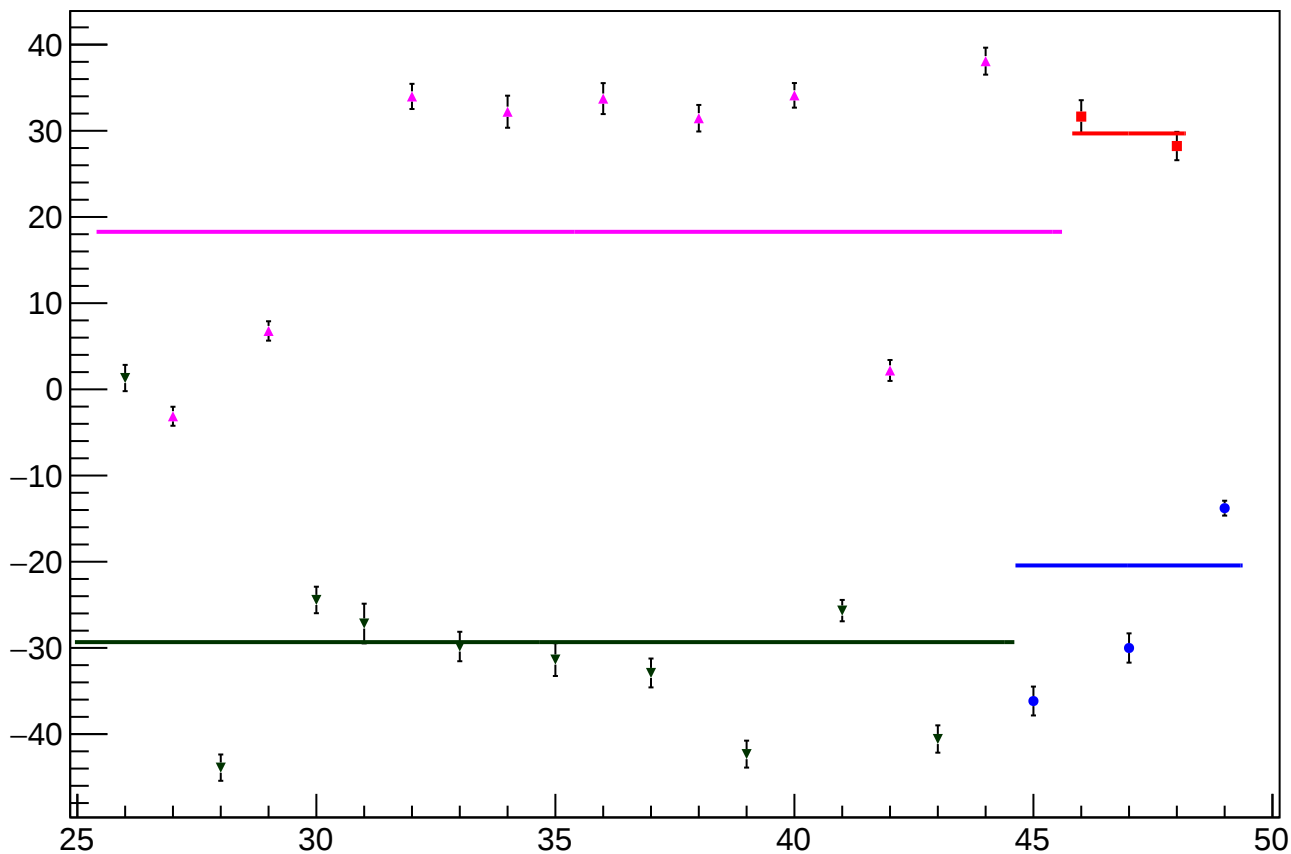
Left Out: 99.566+/-0.067 χ^2/NDF : 14211.8/9

Right Out: -118.870+/-0.160 χ^2/NDF : 1185.6/1

Left In: -102.409+/-0.066 χ^2/NDF : 12175.8/8

8.486+/-0.041 χ^2/NDF : 6318152.7/23

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -20.433 ± 0.699 χ^2/NDF : 179.3/2

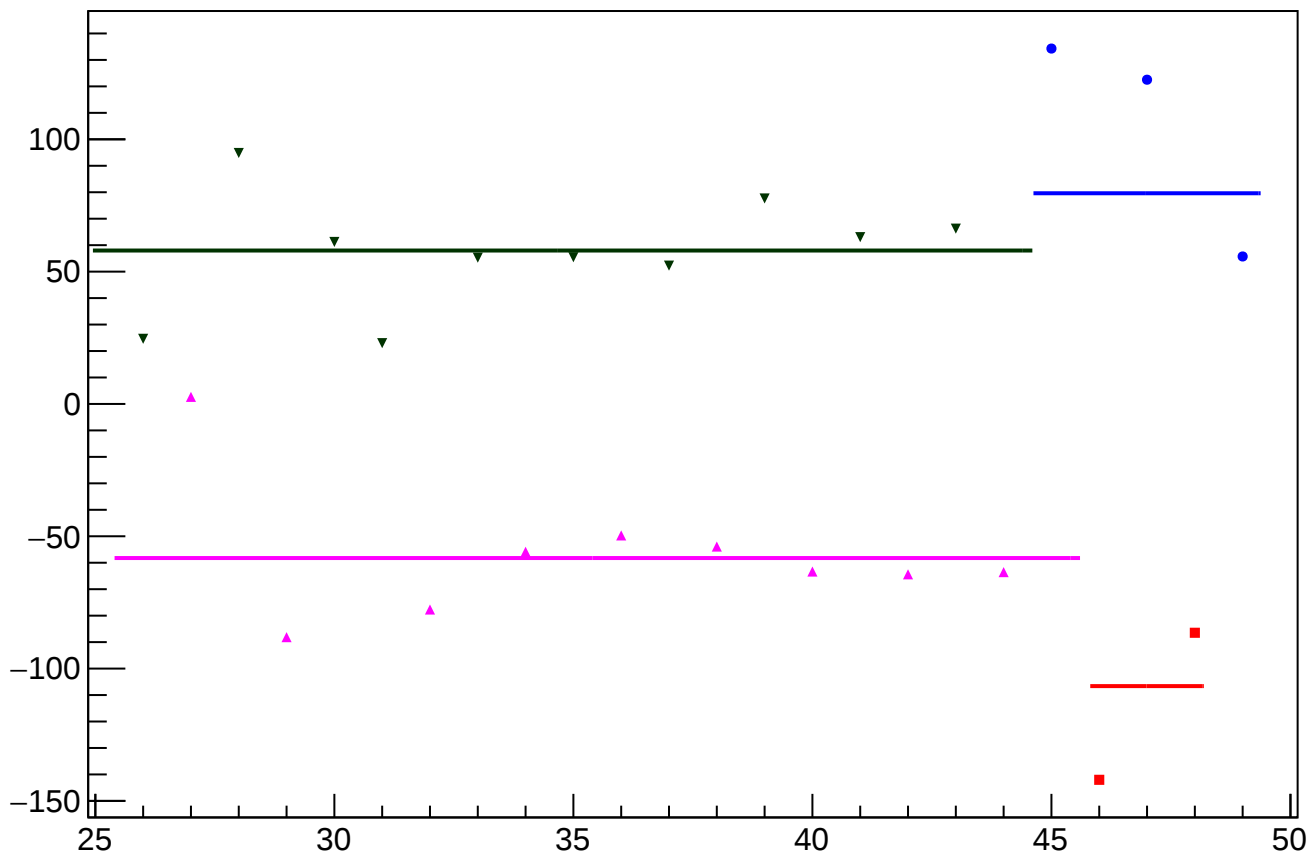
Left Out: -29.328 ± 0.506 χ^2/NDF : 640.3/9

-4.574 ± 0.298 χ^2/NDF : 8190.7/23

Right Out: 29.693 ± 1.244 χ^2/NDF : 1.8/1

Left In: 18.278 ± 0.462 χ^2/NDF : 1258.8/8

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 79.615+/-0.134 χ^2/NDF : 65137.7/2

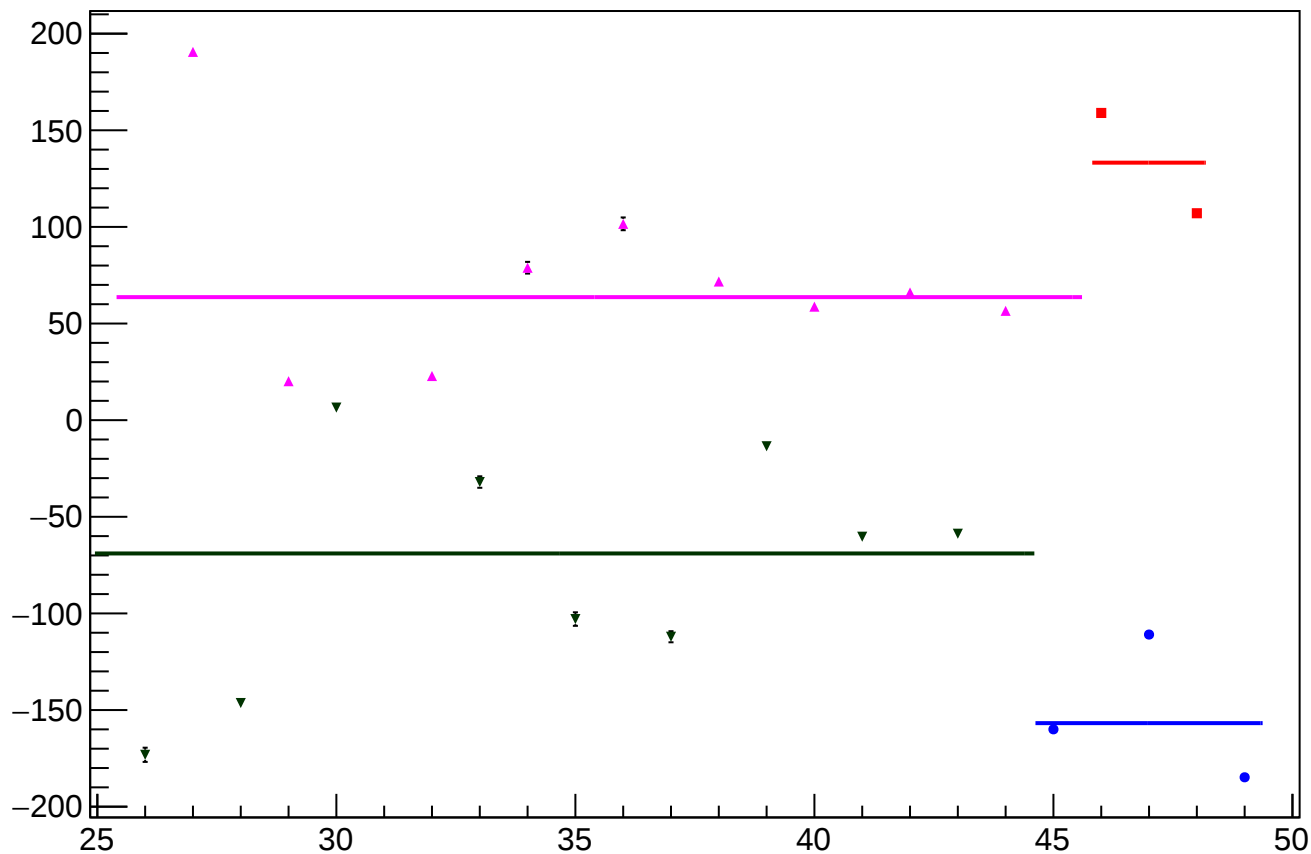
Left Out: 57.976+/-0.092 χ^2/NDF : 48326.9/9

9.669+/-0.057 χ^2/NDF : 1508558.2/23

Right Out: -106.623+/-0.225 χ^2/NDF : 14043.0/1

Left In: -58.229+/-0.096 χ^2/NDF : 65783.8/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -156.772+/-1.185 χ^2/NDF : 661.0/2

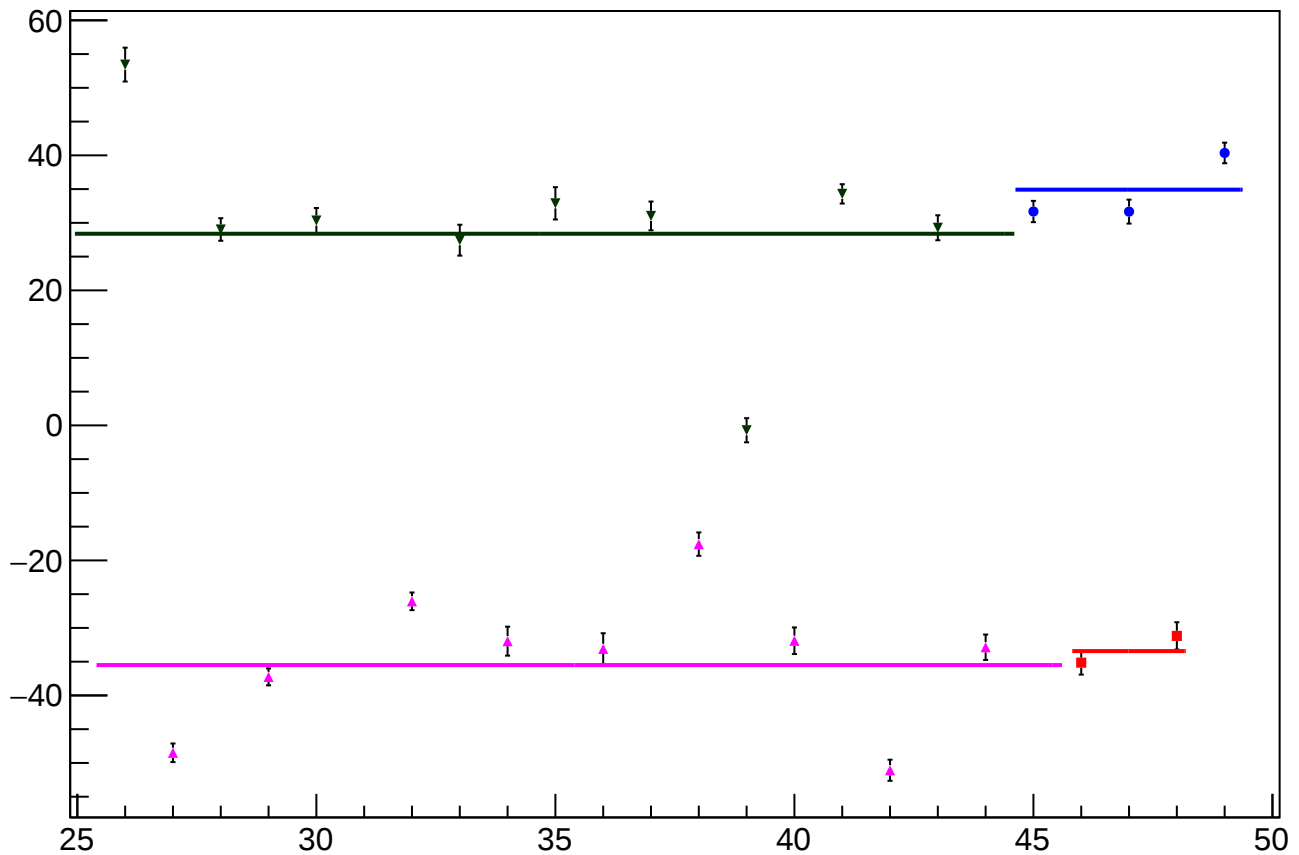
Left Out: -68.974+/-0.854 χ^2/NDF : 4033.6/8

Right Out: 133.246+/-1.707 χ^2/NDF : 231.0/1

Left In: 63.663+/-0.734 χ^2/NDF : 4921.5/8

-9.850+/-0.483 χ^2/NDF : 47067.6/22

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 34.917+/-0.932 χ^2/NDF : 20.3/2

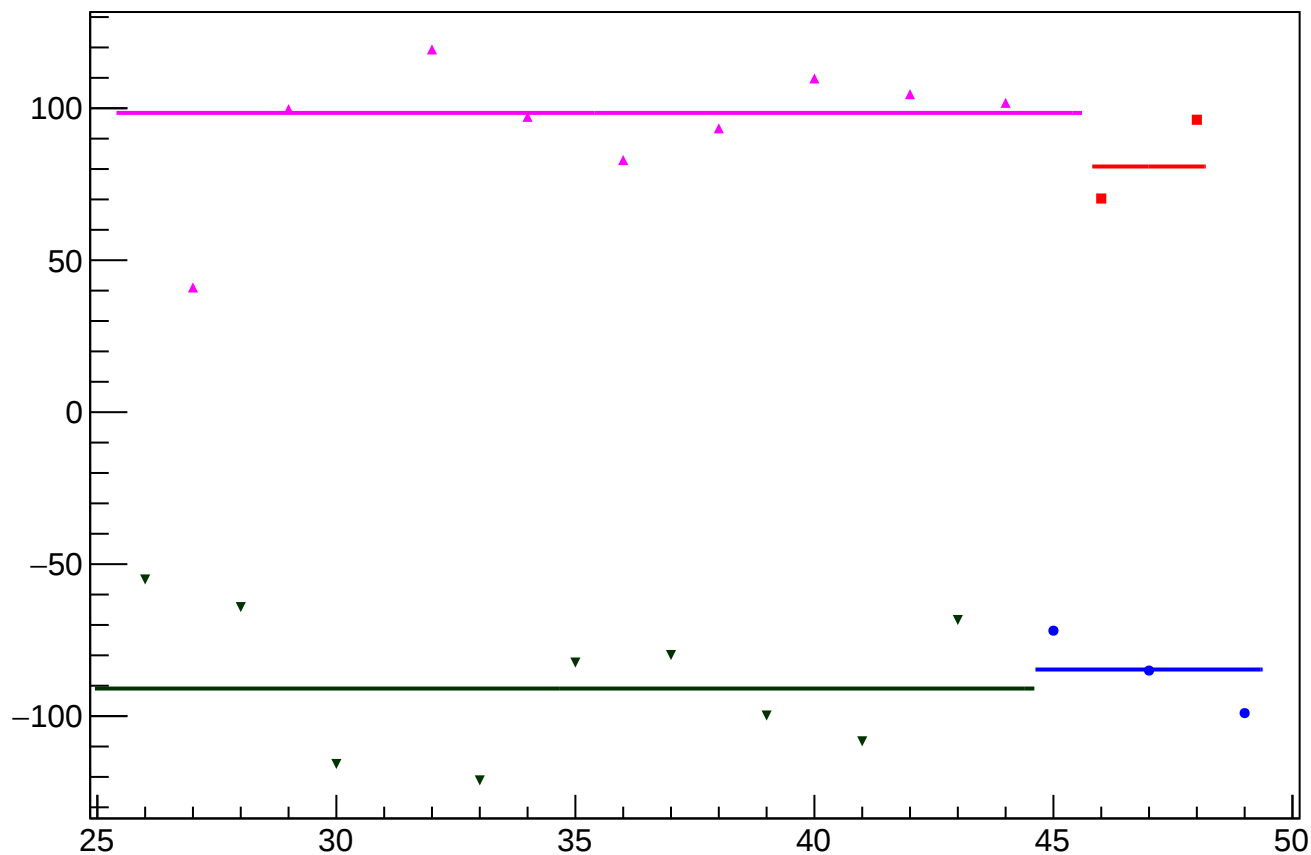
Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

Right Out: -33.431+/-1.331 χ^2/NDF : 2.2/1

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

-3.951+/-0.362 χ^2/NDF : 9012.2/22

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -84.666 ± 0.211 $\chi^2/\text{NDF}: 2811.6/2$

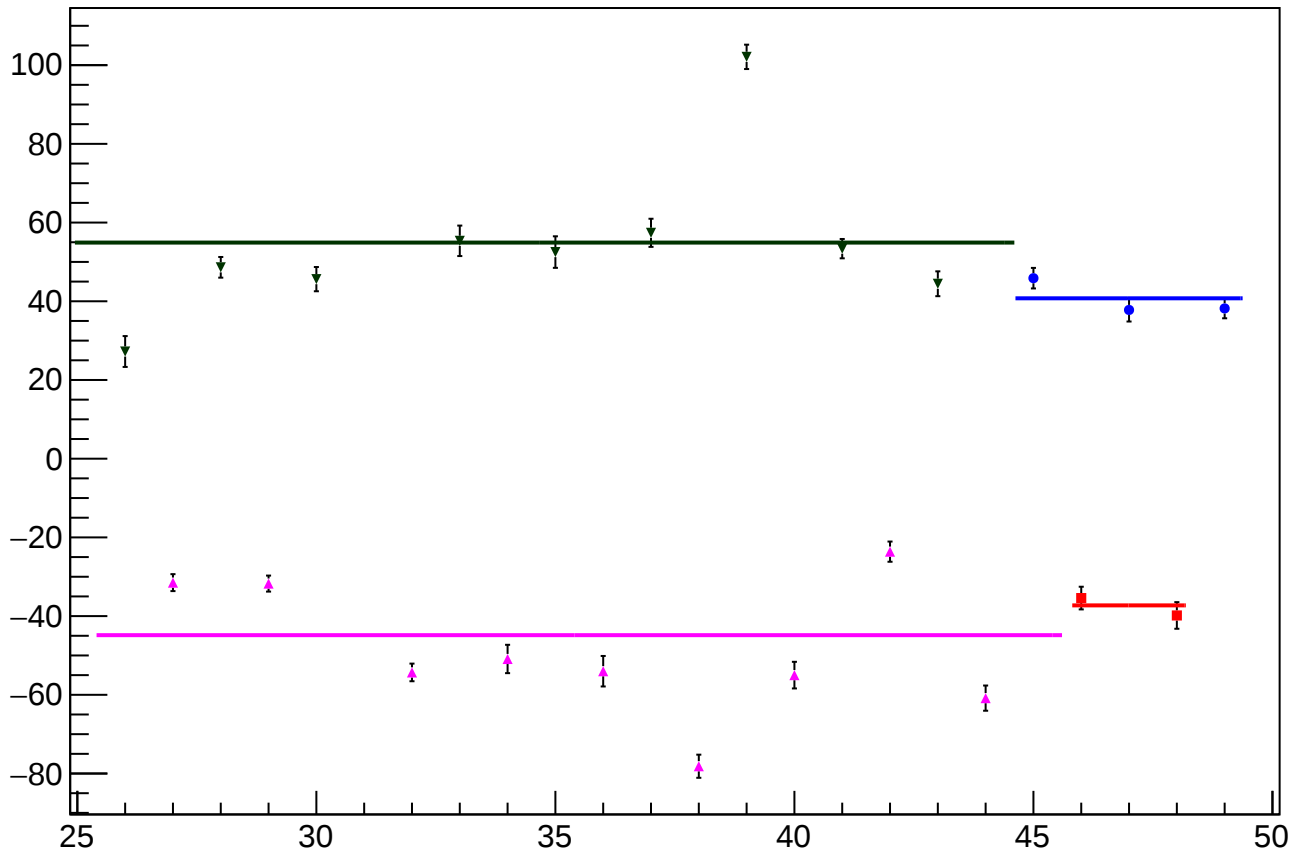
Left Out: -90.923 ± 0.142 $\chi^2/\text{NDF}: 23966.6/8$

Right Out: 80.834 ± 0.278 $\chi^2/\text{NDF}: 2097.1/1$

Left In: 98.464 ± 0.125 $\chi^2/\text{NDF}: 31724.1/8$

6.695 ± 0.082 $\chi^2/\text{NDF}: 1332326.1/22$

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 40.753 +/- 1.540 χ^2/NDF : 5.9/2

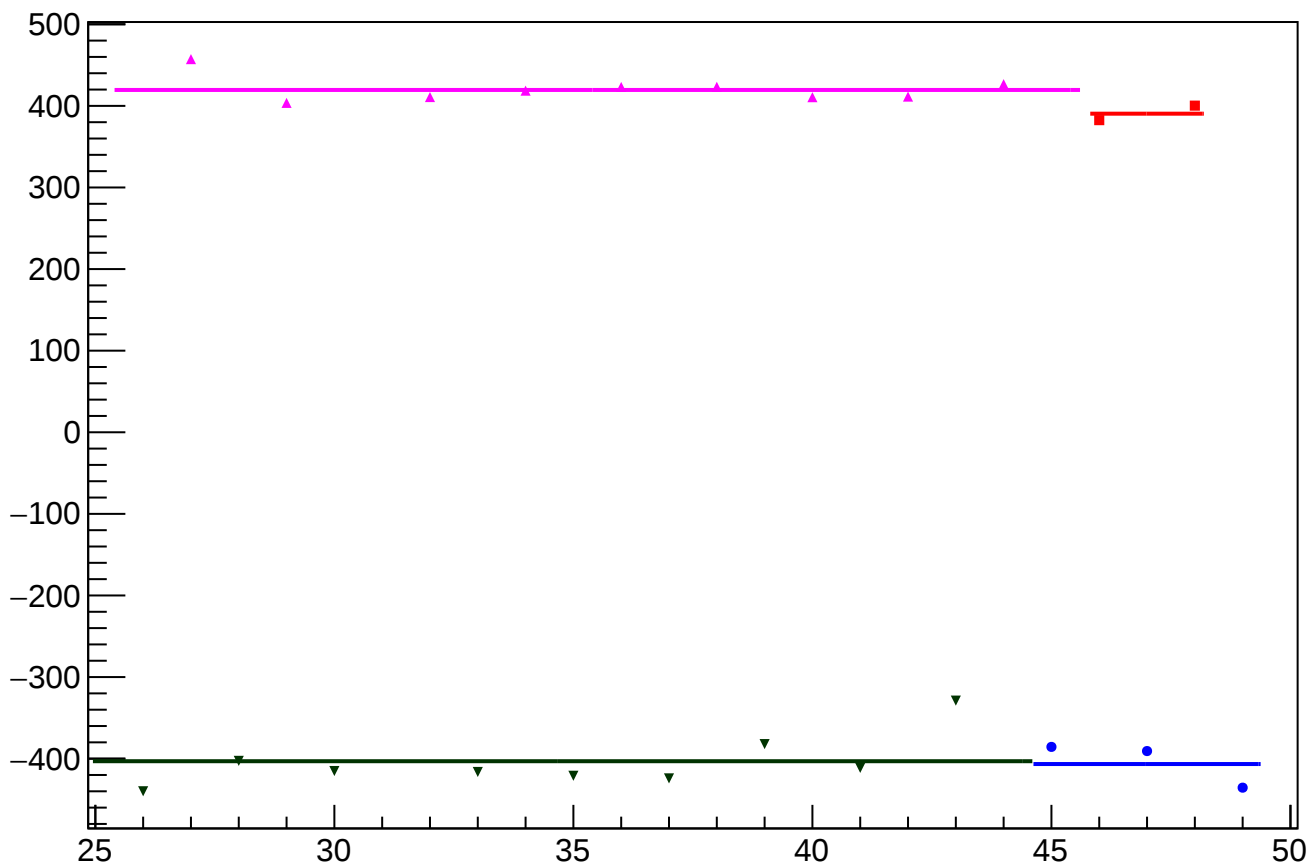
Left Out: 54.915 +/- 1.058 χ^2/NDF : 309.2/8

0.830 +/- 0.600 χ^2/NDF : 6852.8/22

Right Out: -37.275 +/- 2.193 χ^2/NDF : 1.0/1

Left In: -44.844 +/- 0.893 χ^2/NDF : 337.0/8

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -406.584 +/- 0.300 χ^2/NDF : 6055.9/2

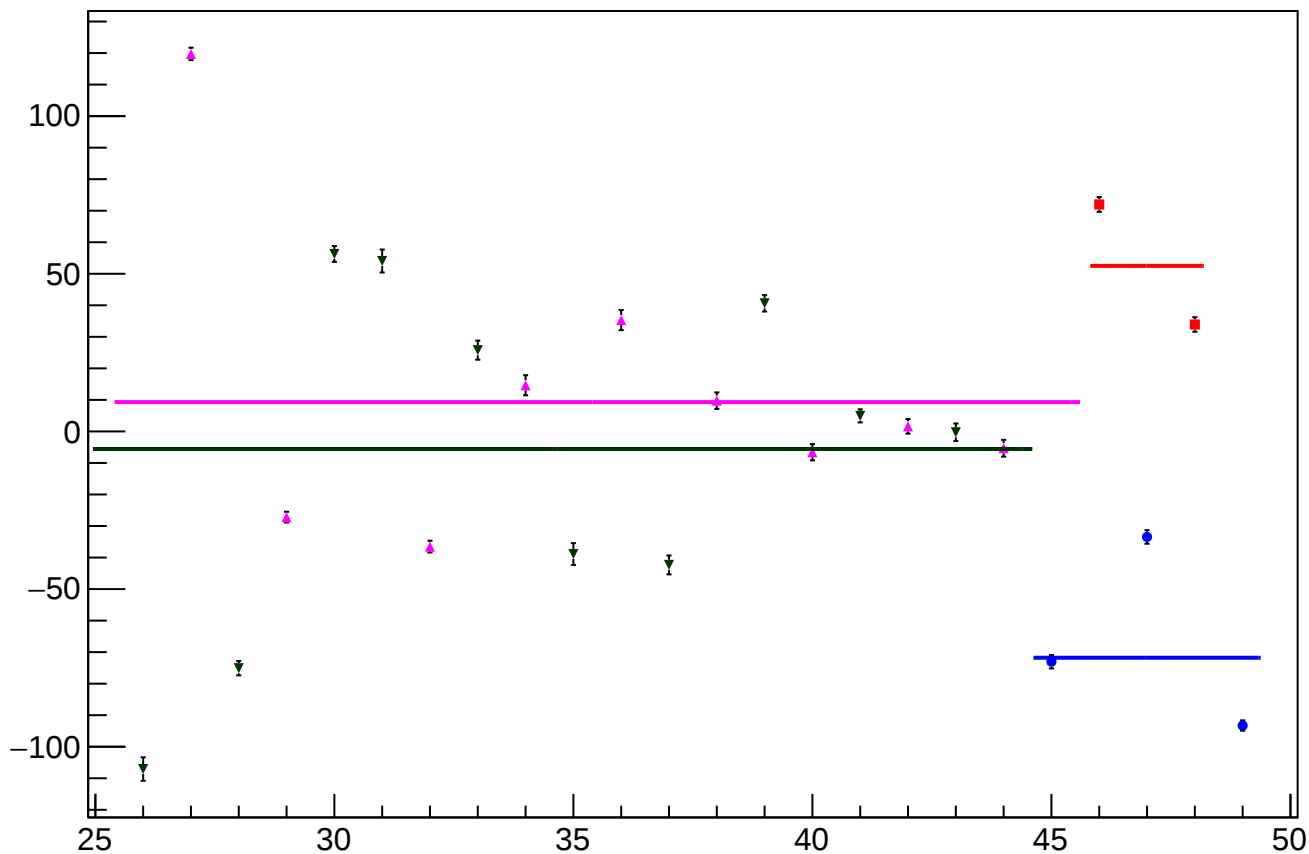
Left Out: -403.123 +/- 0.196 χ^2/NDF : 24564.7/8

Right Out: 390.438 +/- 0.423 χ^2/NDF : 437.4/1

Left In: 419.518 +/- 0.188 χ^2/NDF : 6841.4/8

-14.114 +/- 0.119 χ^2/NDF : 11904065.0/22

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -71.777 ± 1.111 $\chi^2/\text{NDF}: 489.0/2$

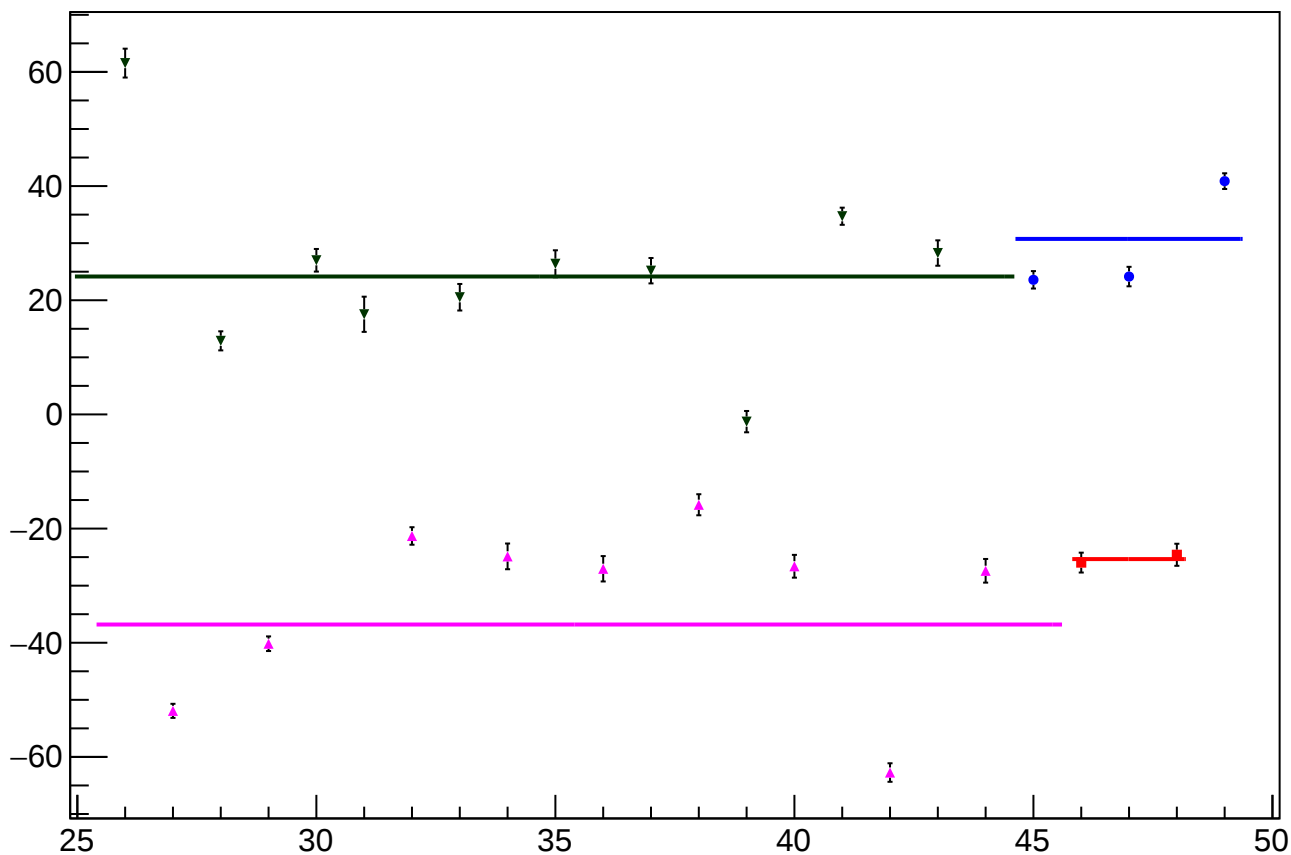
Left Out: -5.564 ± 0.873 $\chi^2/\text{NDF}: 3249.0/9$

Right Out: 52.503 ± 1.656 $\chi^2/\text{NDF}: 132.1/1$

Left In: 9.304 ± 0.765 $\chi^2/\text{NDF}: 4334.5/8$

-7.243 ± 0.488 $\chi^2/\text{NDF}: 13350.1/23$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 30.745+/-0.877 χ^2/NDF : 91.0/2

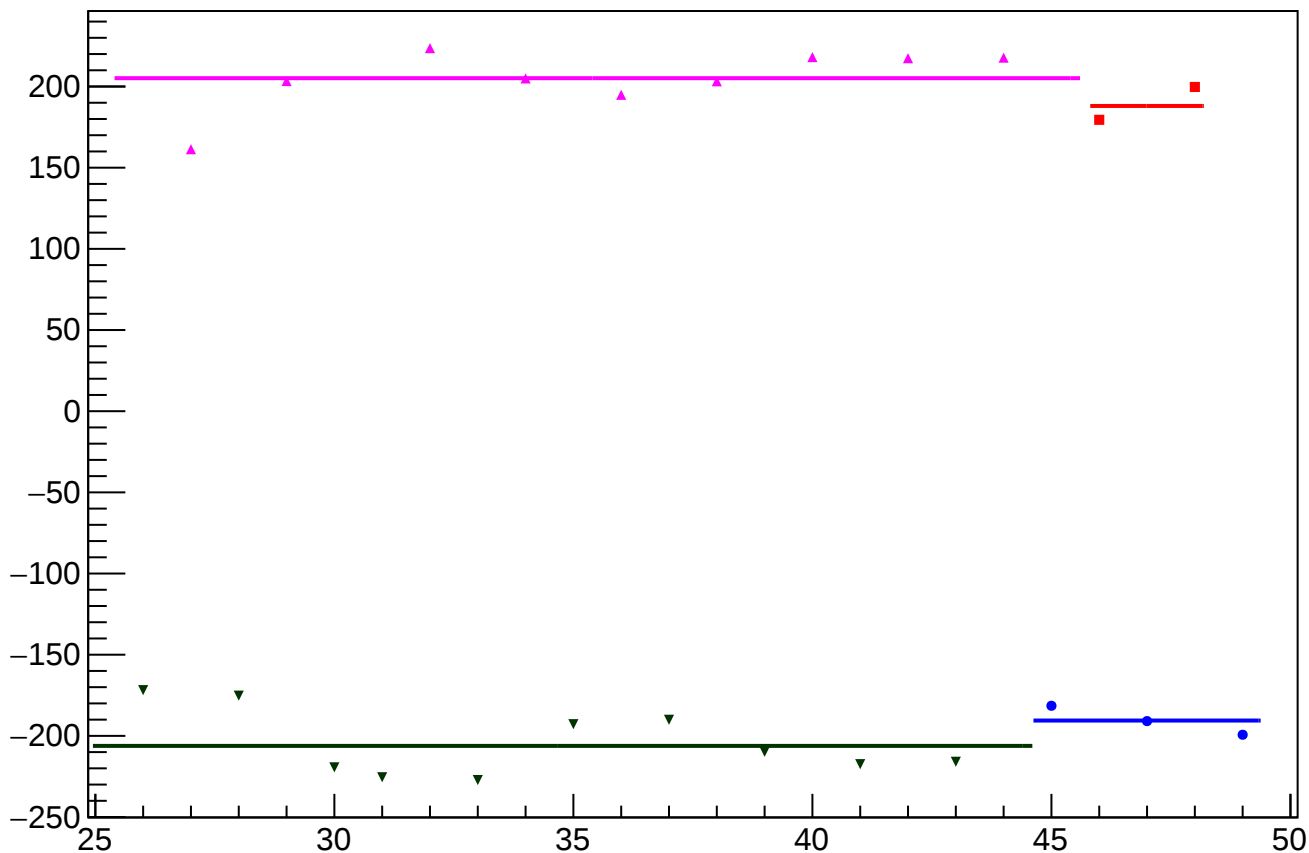
Left Out: 24.159+/-0.649 χ^2/NDF : 512.4/9

Right Out: -25.345+/-1.293 χ^2/NDF : 0.3/1

Left In: -36.807+/-0.555 χ^2/NDF : 738.6/8

-4.982+/-0.365 χ^2/NDF : 8554.5/23

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -190.558+/-0.199 χ^2/NDF : 1397.1/2

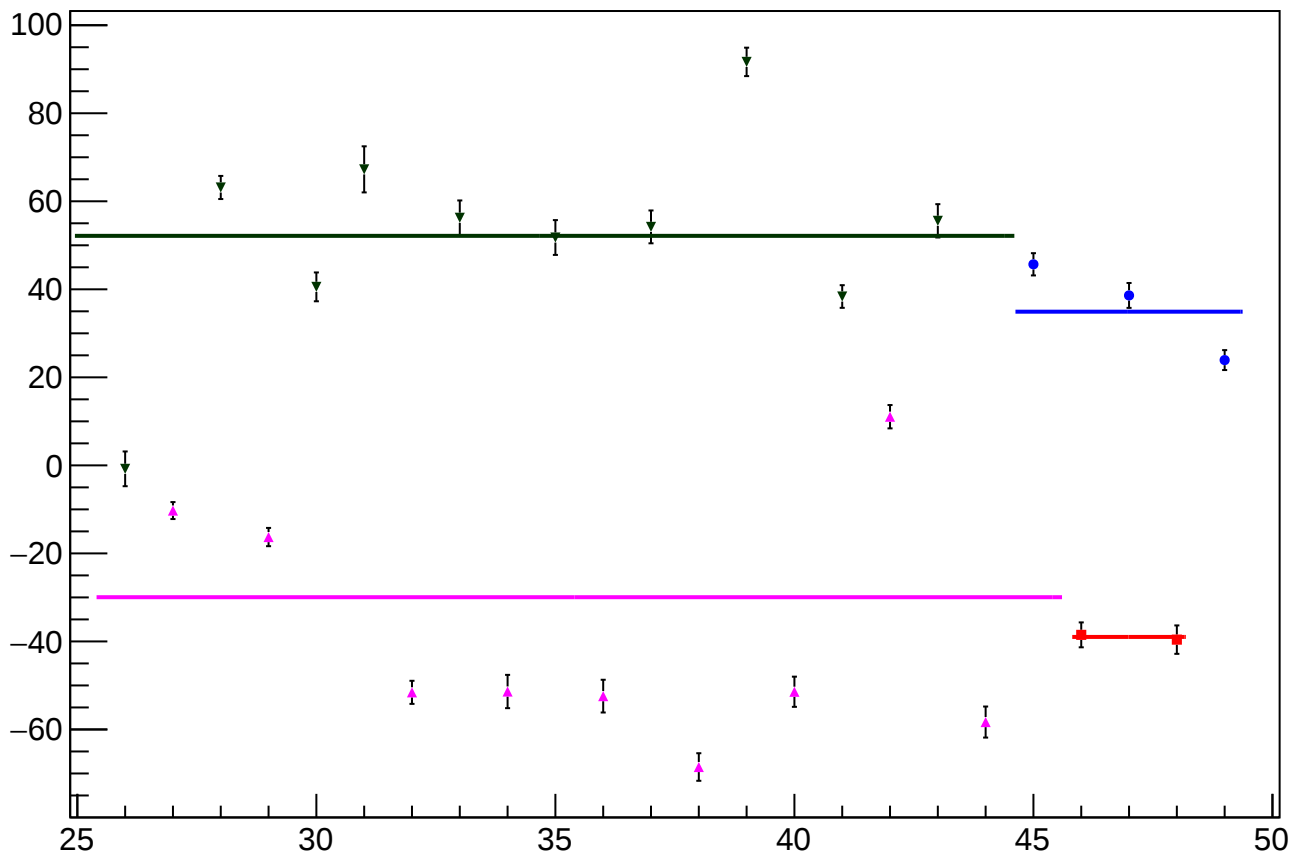
Left Out: -206.170+/-0.144 χ^2/NDF : 16992.5/9

Right Out: 188.023+/-0.271 χ^2/NDF : 1360.6/1

Left In: 205.134+/-0.132 χ^2/NDF : 22564.1/8

-2.230+/-0.083 χ^2/NDF : 5916613.8/23

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 34.917+/-1.448 χ^2/NDF : 43.4/2

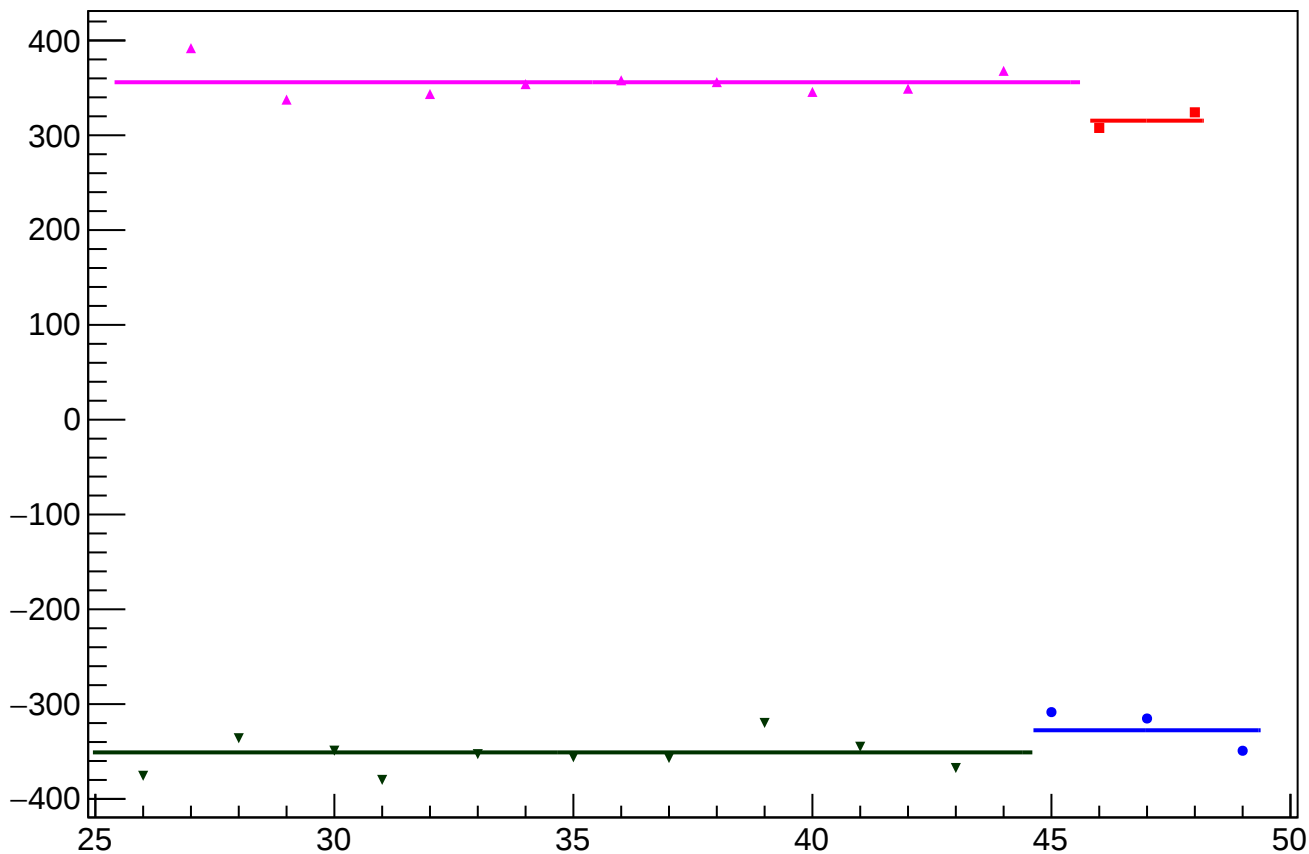
Left Out: 52.148+/-1.081 χ^2/NDF : 398.7/9

Right Out: -38.979+/-2.128 χ^2/NDF : 0.1/1

Left In: -29.954+/-0.913 χ^2/NDF : 779.2/8

6.092+/-0.603 χ^2/NDF : 5439.1/23

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -327.590+/-0.281 χ^2/NDF : 4458.7/2

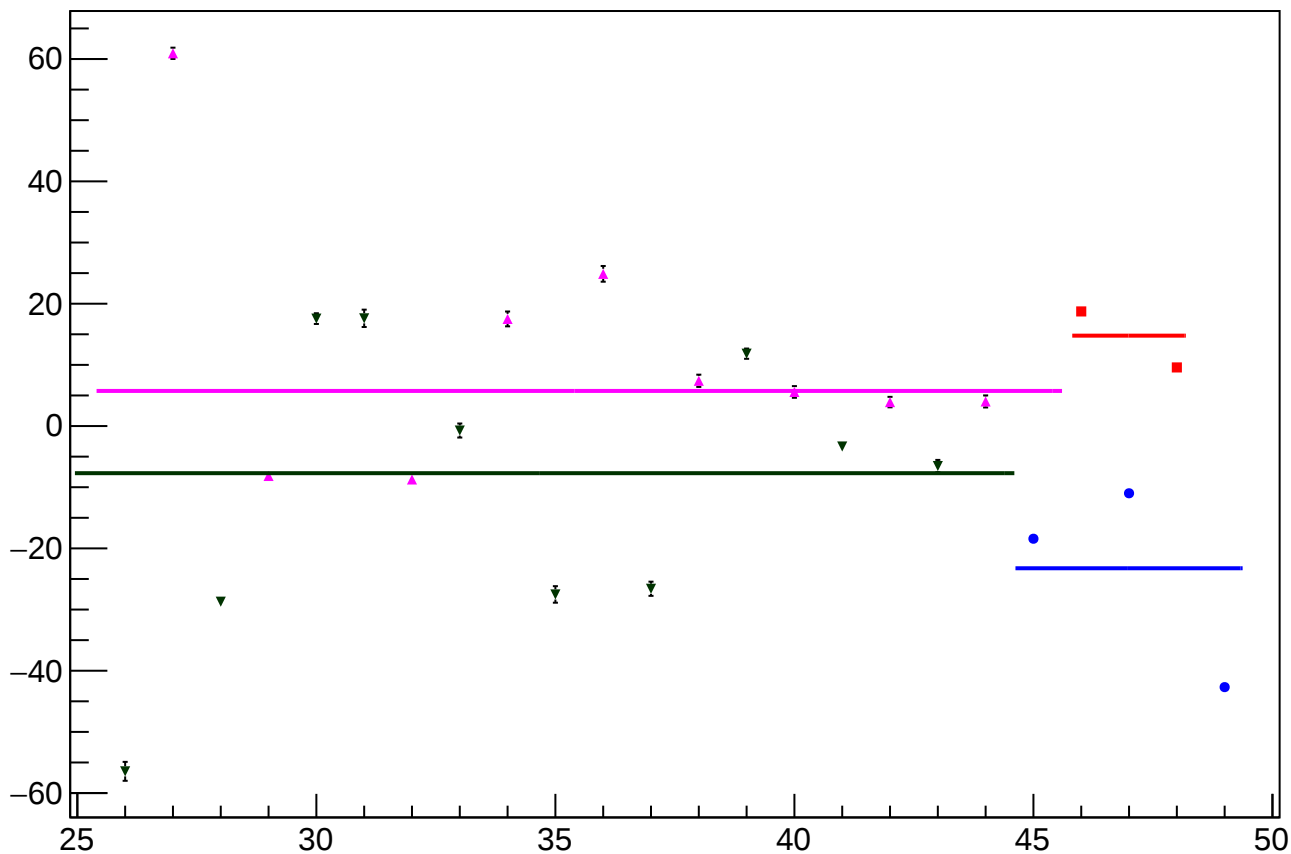
Left Out: -350.928+/-0.200 χ^2/NDF : 6500.1/9

Right Out: 315.403+/-0.408 χ^2/NDF : 404.5/1

Left In: 355.932+/-0.194 χ^2/NDF : 7933.3/8

-22.606+/-0.119 χ^2/NDF : 8393590.0/23

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -23.249 ± 0.353 $\chi^2/\text{NDF}: 1327.1/2$

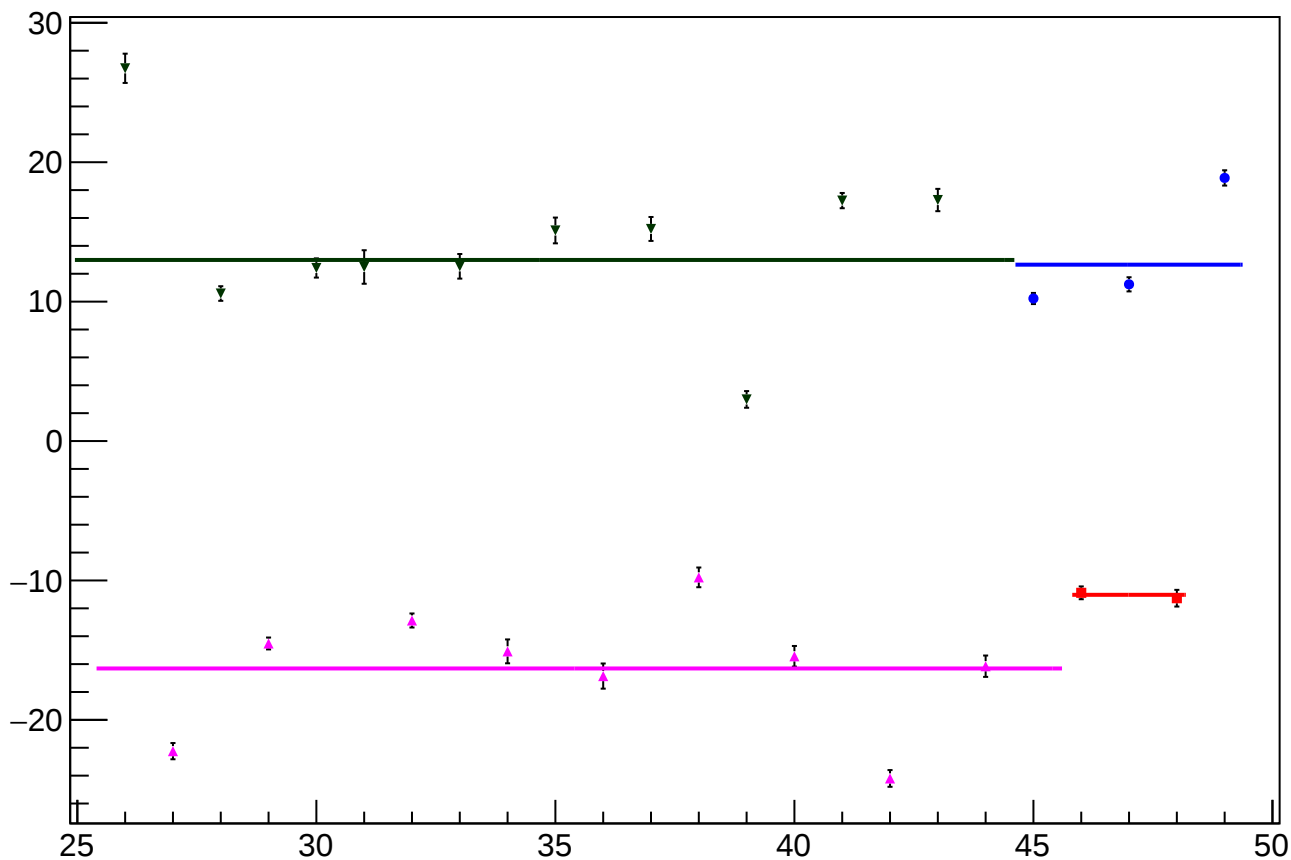
Left Out: -7.705 ± 0.310 $\chi^2/\text{NDF}: 4119.2/9$

Right Out: 14.778 ± 0.473 $\chi^2/\text{NDF}: 92.0/1$

Left In: 5.740 ± 0.280 $\chi^2/\text{NDF}: 5095.7/8$

-3.577 ± 0.167 $\chi^2/\text{NDF}: 16533.0/23$

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.651+/-0.273 χ^2/NDF : 173.2/2

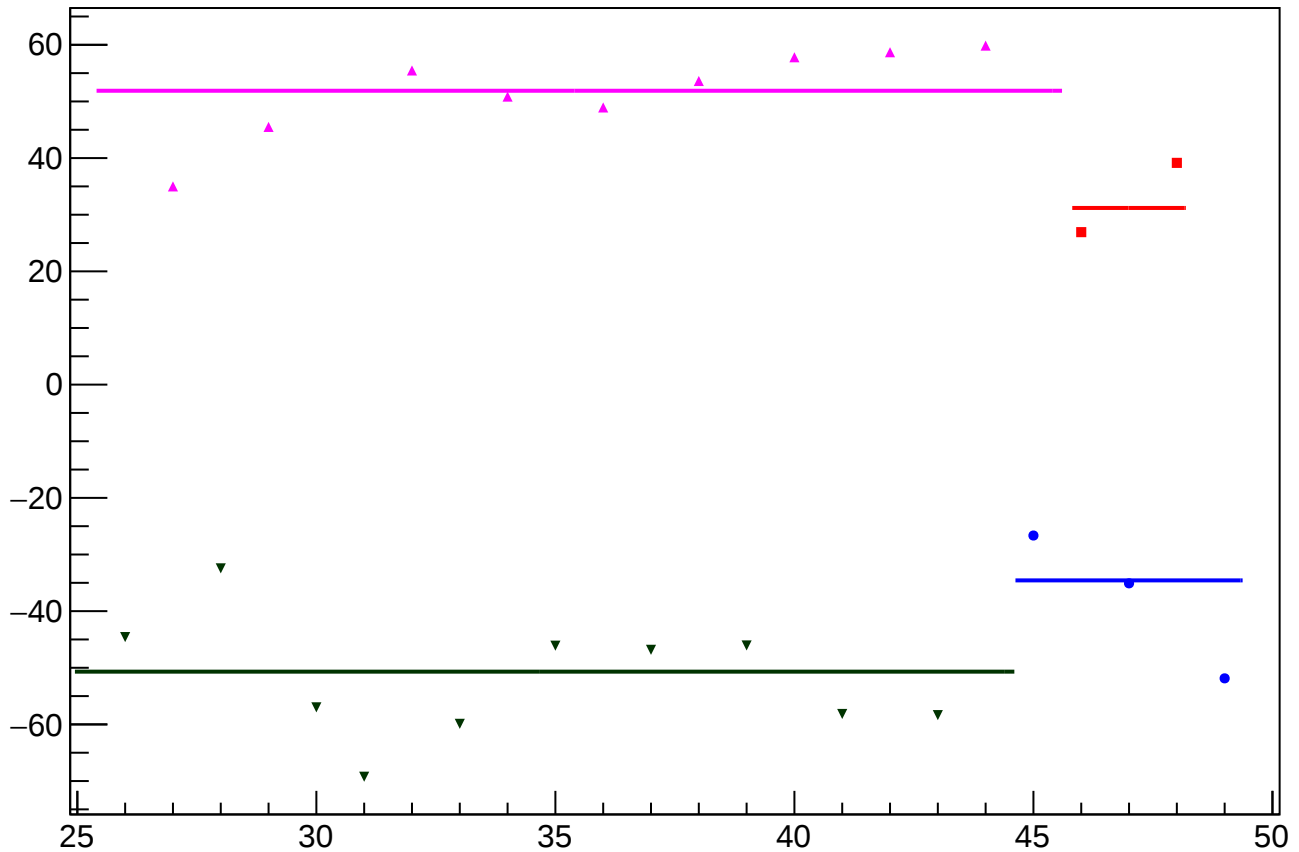
Left Out: 12.989+/-0.230 χ^2/NDF : 575.2/9

Right Out: -11.030+/-0.365 χ^2/NDF : 0.3/1

Left In: -16.313+/-0.207 χ^2/NDF : 430.4/8

-0.757+/-0.126 χ^2/NDF : 13593.1/23

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.569 ± 0.061 χ^2/NDF : 24541.9/2

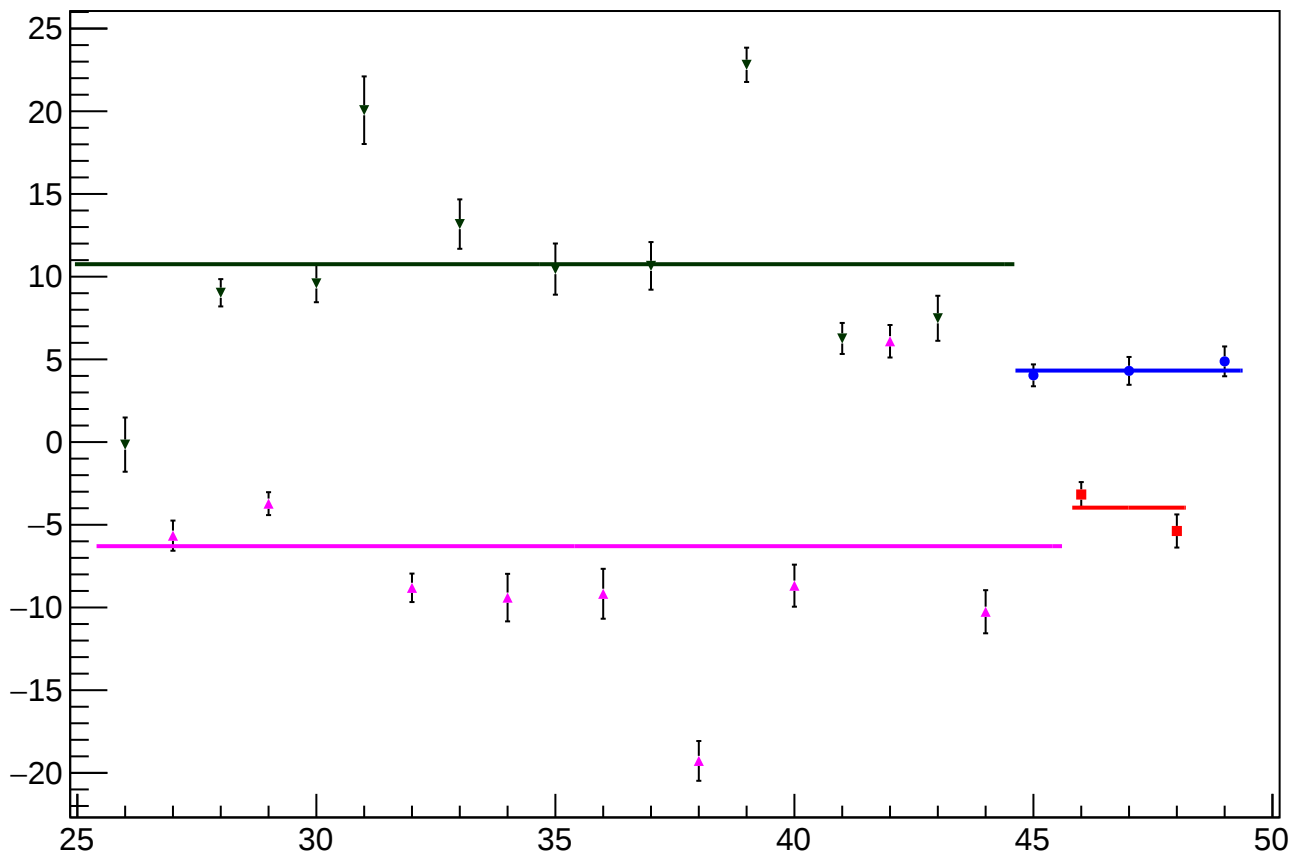
Left Out: -50.683 ± 0.051 χ^2/NDF : 44365.5/9

Right Out: 31.194 ± 0.076 χ^2/NDF : 5885.5/1

Left In: 51.889 ± 0.048 χ^2/NDF : 21653.9/8

-0.490 ± 0.028 χ^2/NDF : 2735420.4/23

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.323 ± 0.451 χ^2/NDF : 0.6/2

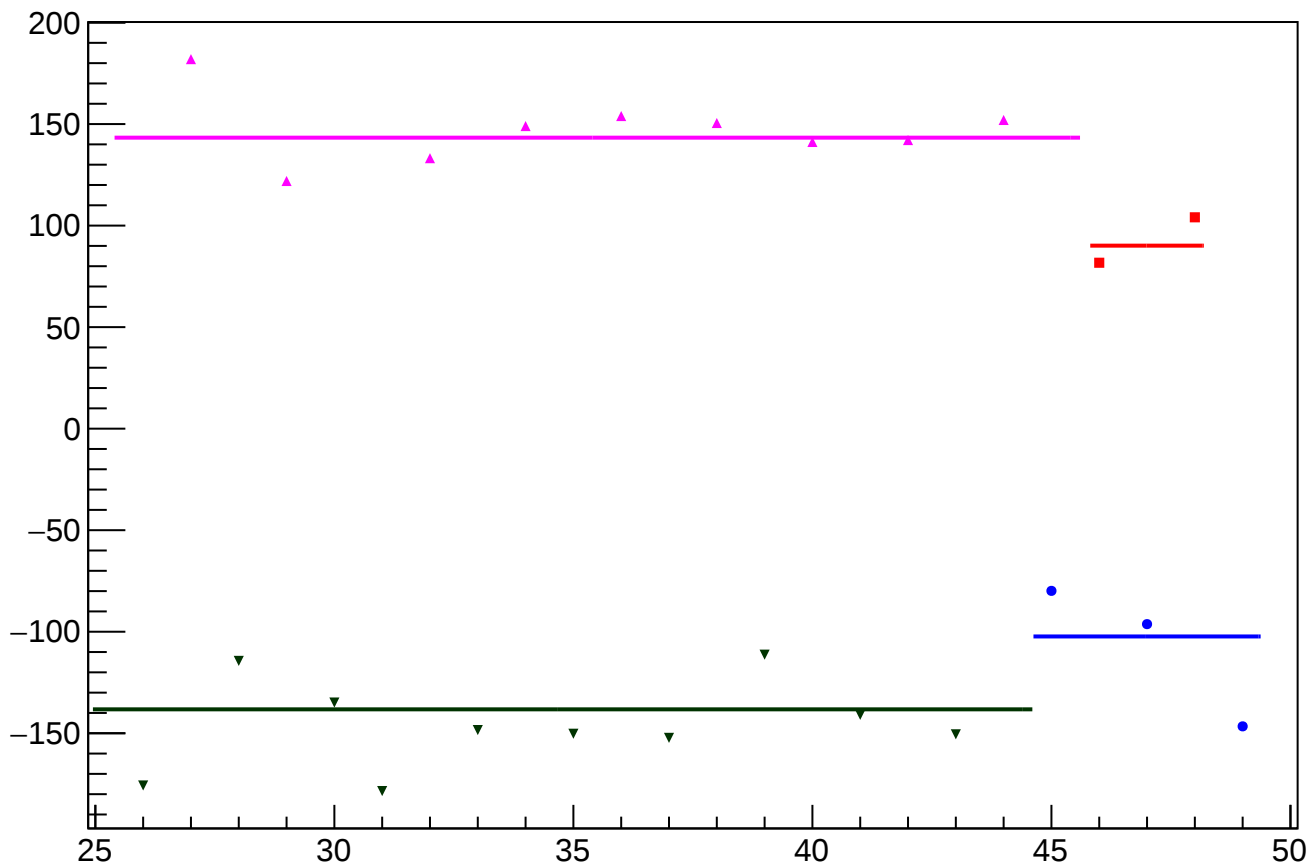
Left Out: 10.754 ± 0.383 χ^2/NDF : 236.9/9

1.306 ± 0.209 χ^2/NDF : 1779.6/23

Right Out: -3.964 ± 0.601 χ^2/NDF : 3.1/1

Left In: -6.293 ± 0.343 χ^2/NDF : 319.3/8

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -102.330+/-0.088 χ^2/NDF : 96291.5/2

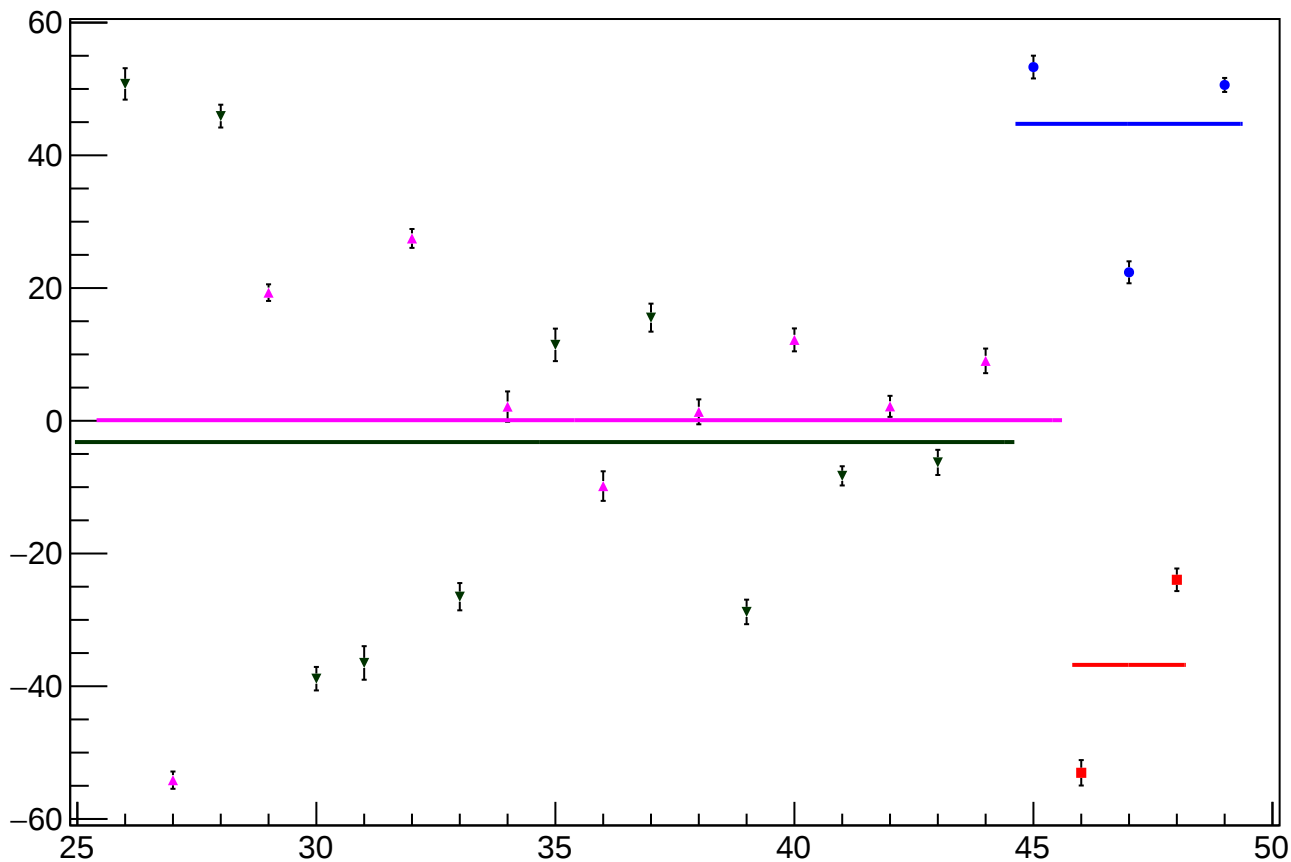
Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

Right Out: 90.126+/-0.117 χ^2/NDF : 8594.4/1

Left In: 143.304+/-0.072 χ^2/NDF : 54954.0/8

-9.984+/-0.041 χ^2/NDF : 9793732.6/23

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 44.743+/-0.790 χ^2/NDF : 238.2/2

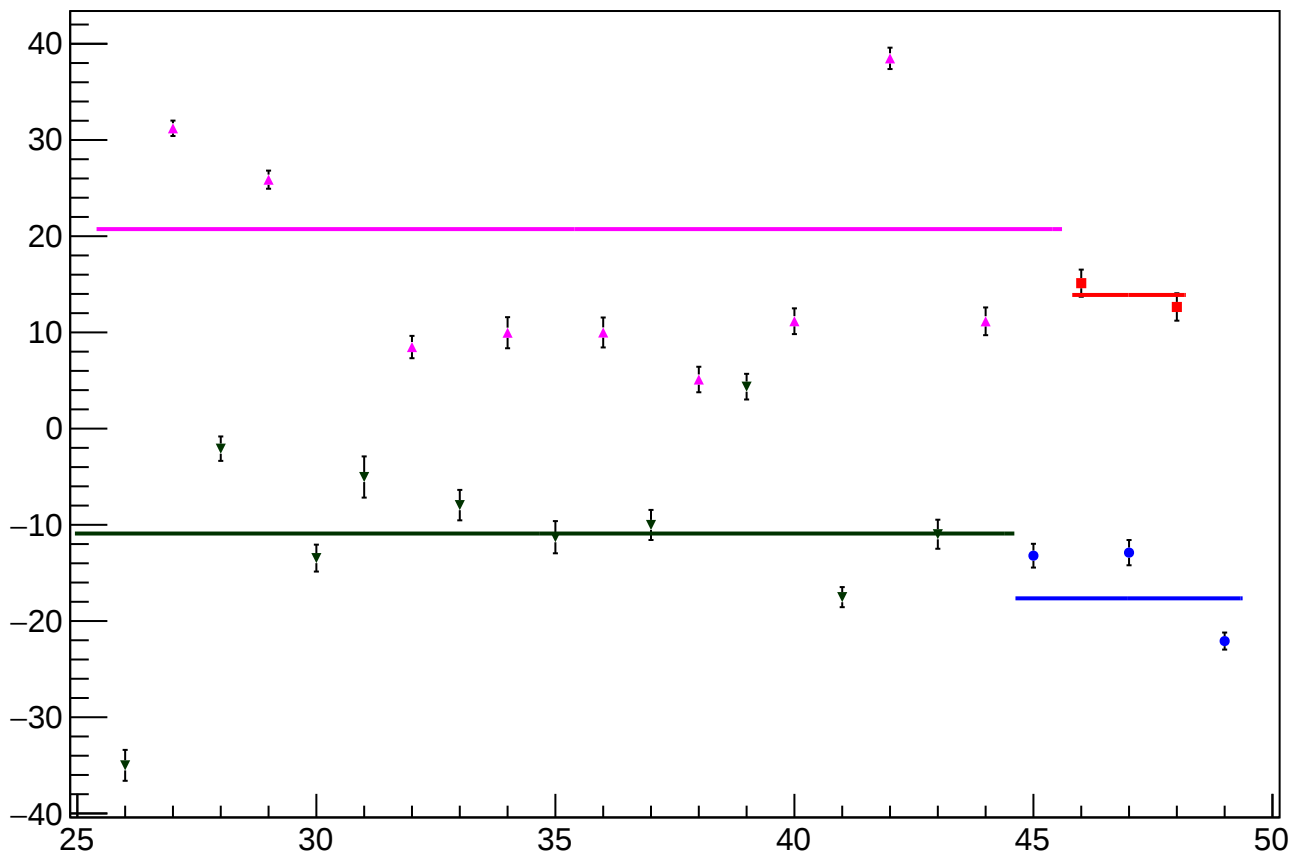
Left Out: -3.205+/-0.612 χ^2/NDF : 2363.4/9

Right Out: -36.782+/-1.272 χ^2/NDF : 128.8/1

Left In: 0.090+/-0.541 χ^2/NDF : 2438.4/8

4.895+/-0.347 χ^2/NDF : 9038.5/23

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -17.642 ± 0.631 $\chi^2/\text{NDF}: 51.1/2$

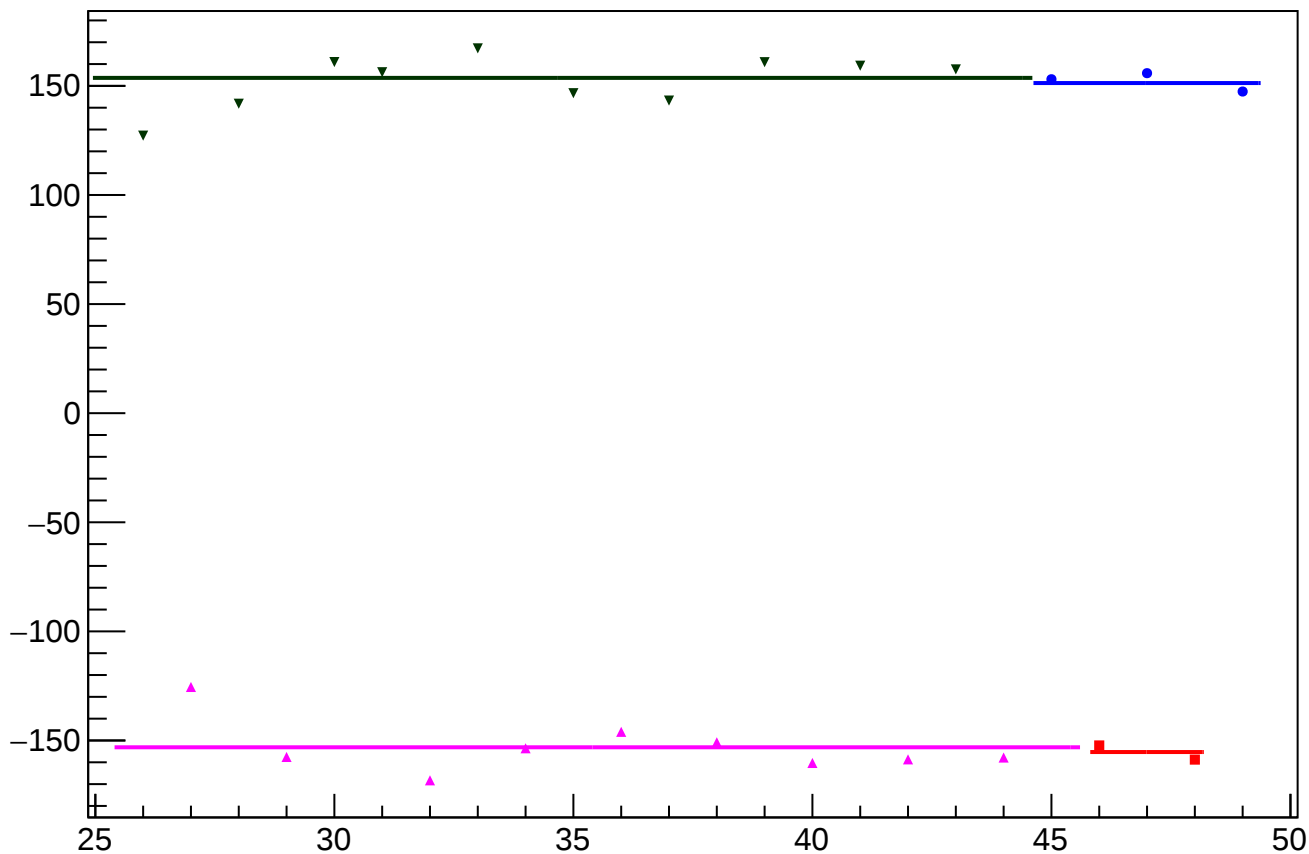
Left Out: -10.905 ± 0.455 $\chi^2/\text{NDF}: 459.2/9$

Right Out: 13.893 ± 1.002 $\chi^2/\text{NDF}: 1.5/1$

Left In: 20.737 ± 0.388 $\chi^2/\text{NDF}: 894.2/8$

3.655 ± 0.258 $\chi^2/\text{NDF}: 5609.8/23$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 151.299 $\pm$ 0.145 χ^2/NDF : 628.0/2

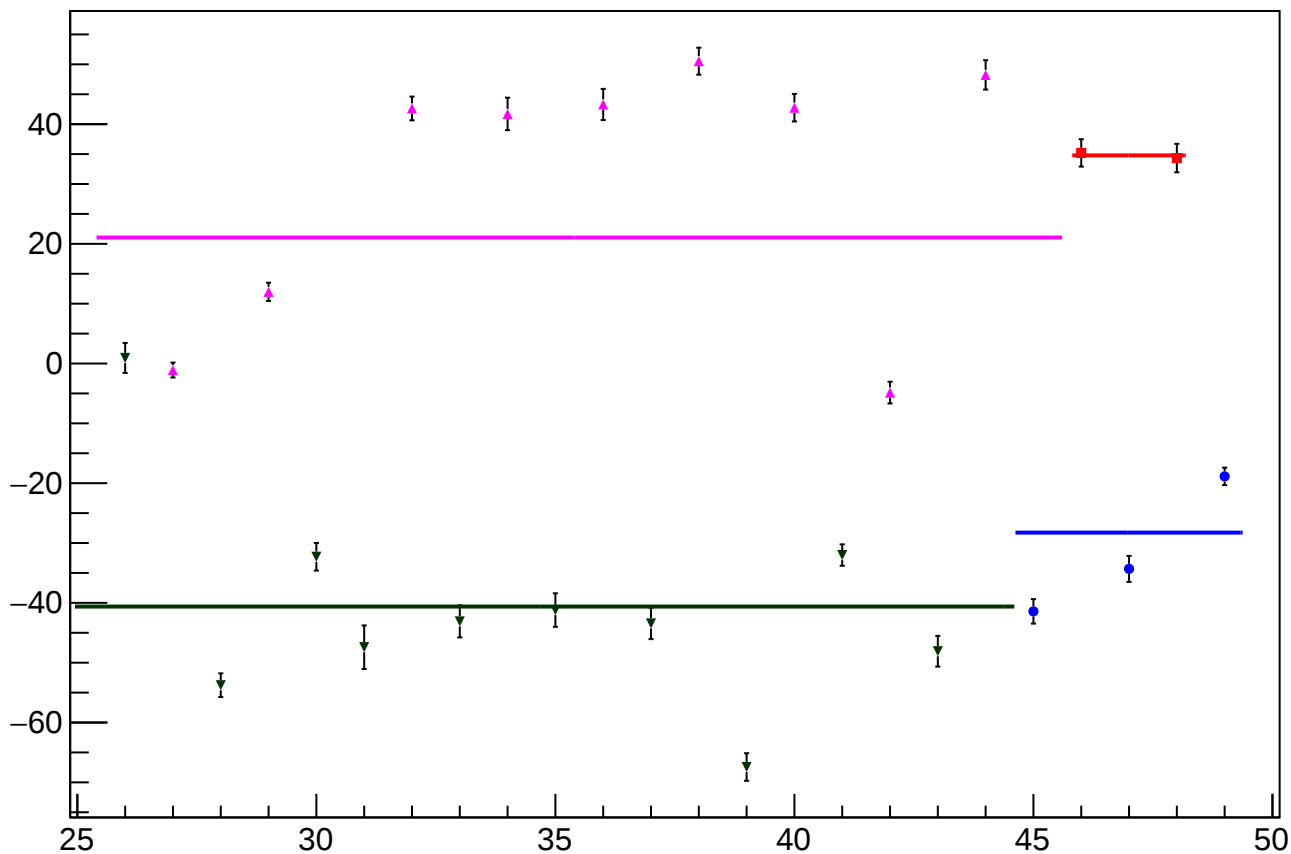
Left Out: 153.667 $\pm$ 0.101 χ^2/NDF : 11177.1/9

Right Out: -155.298 $\pm$ 0.211 χ^2/NDF : 235.8/1

Left In: -153.122 $\pm$ 0.093 χ^2/NDF : 20788.9/8

4.219 $\pm$ 0.059 χ^2/NDF : 6677115.3/23

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -28.261 ± 1.041 χ^2/NDF : 90.9/2

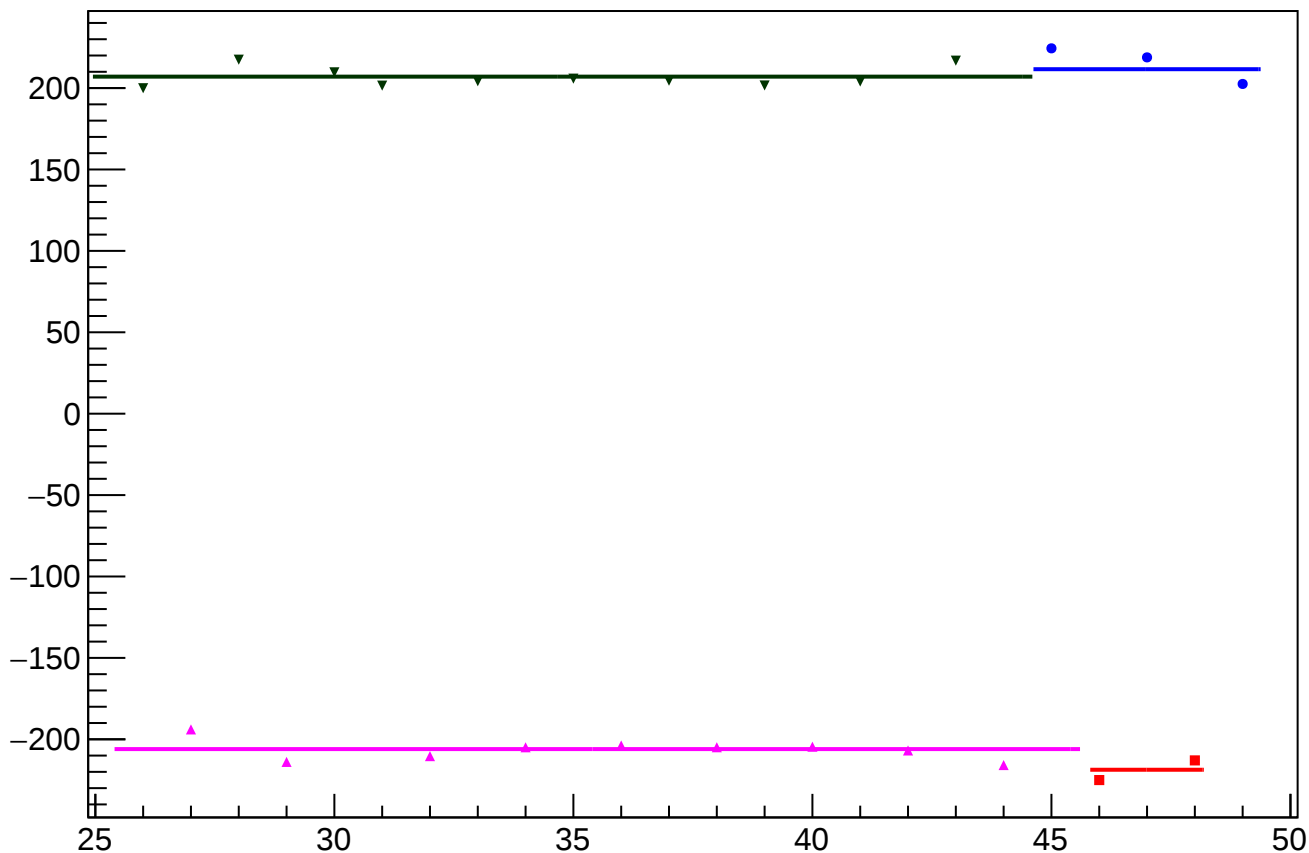
Left Out: -40.620 ± 0.758 χ^2/NDF : 504.2/9

Right Out: 34.783 ± 1.648 χ^2/NDF : 0.1/1

Left In: 21.059 ± 0.637 χ^2/NDF : 1185.8/8

-5.828 ± 0.427 χ^2/NDF : 6740.6/23

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 211.593 ± 0.201 $\chi^2/\text{NDF}: 2347.7/2$

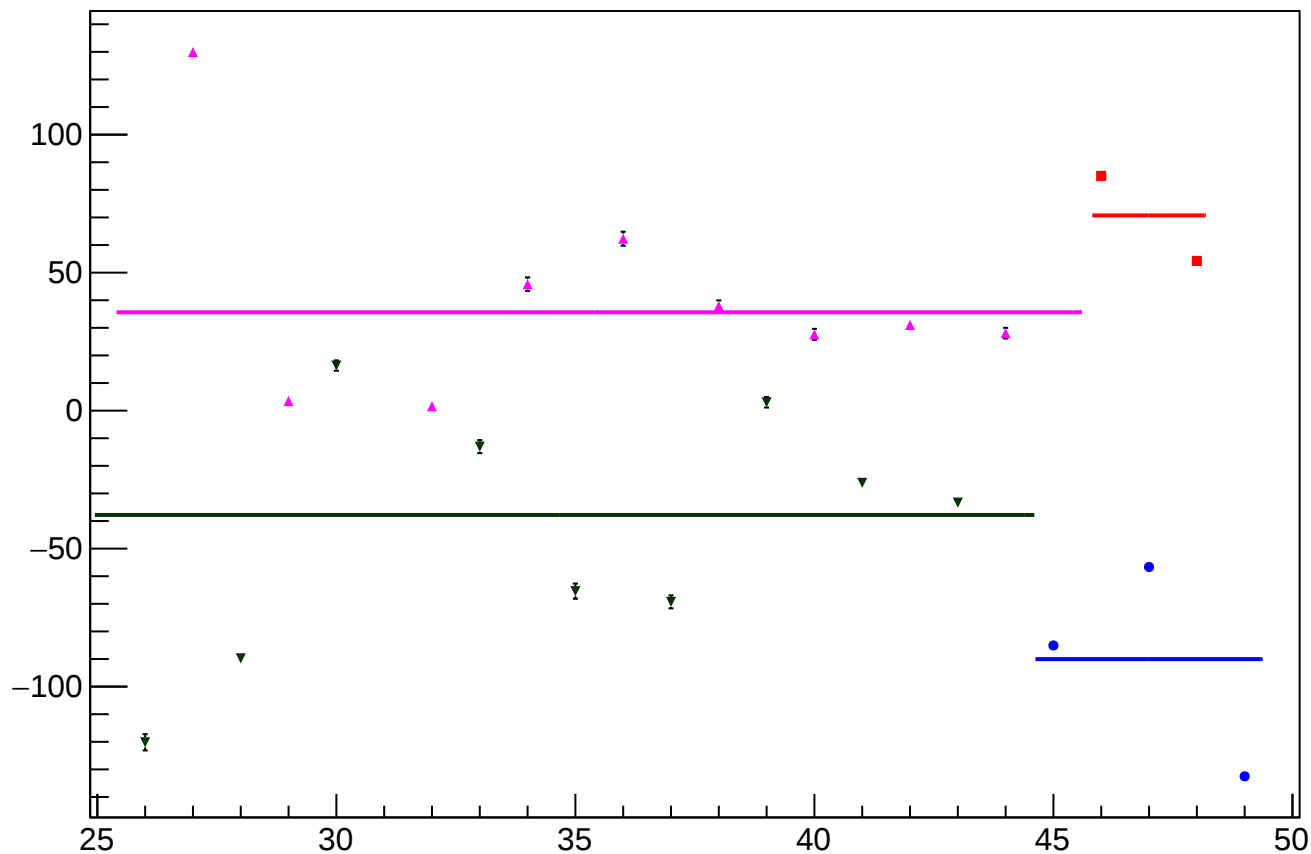
Left Out: 207.026 ± 0.139 $\chi^2/\text{NDF}: 1900.0/9$

18.452 ± 0.084 $\chi^2/\text{NDF}: 6053186.7/23$

Right Out: -218.706 ± 0.311 $\chi^2/\text{NDF}: 376.2/1$

Left In: -206.013 ± 0.136 $\chi^2/\text{NDF}: 2446.5/8$

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -90.043 $\pm$ 0.887 χ^2 /NDF: 1162.8/2

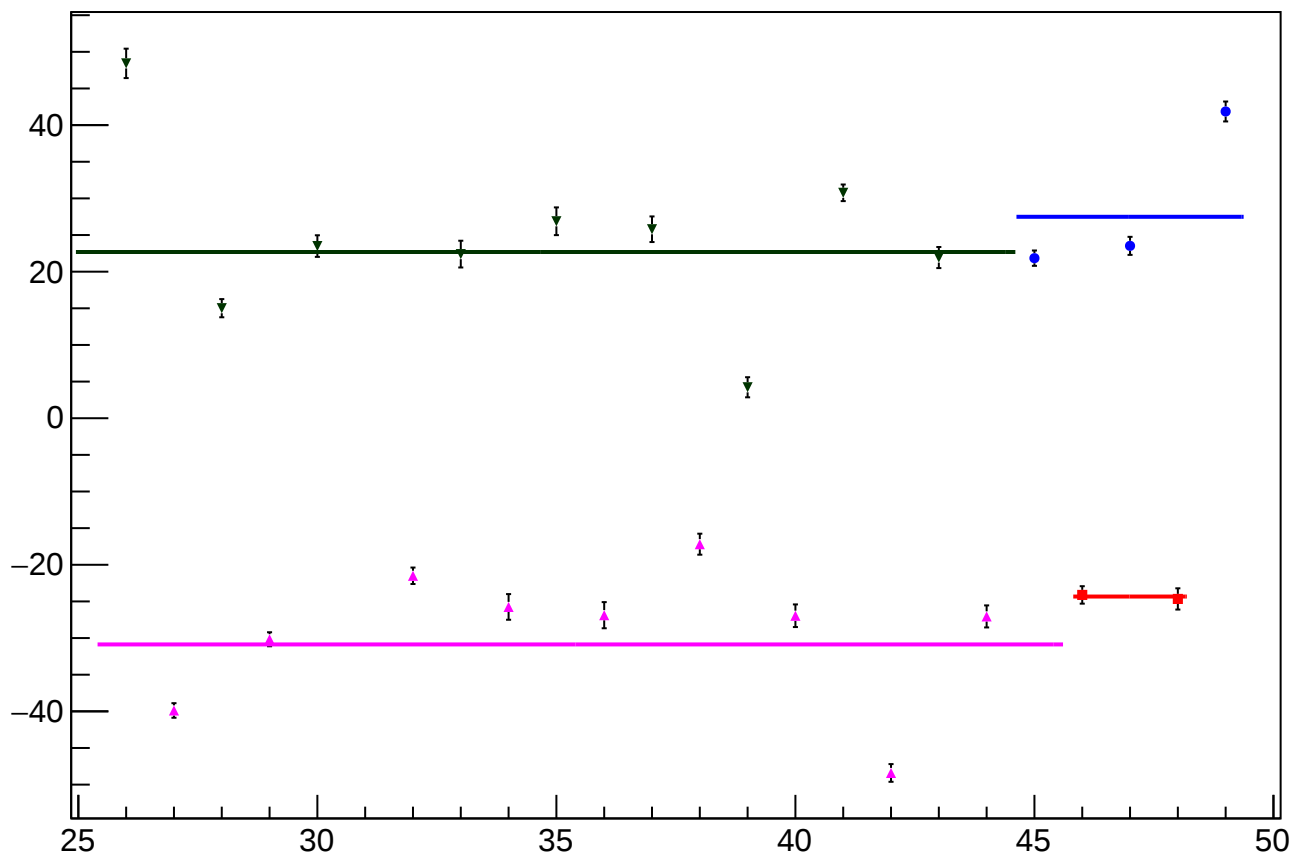
Left Out: -37.802 $\pm$ 0.670 χ^2 /NDF: 3472.1/8

-5.929 $\pm$ 0.373 χ^2 /NDF: 30309.8/22

Right Out: 70.743 $\pm$ 1.187 χ^2 /NDF: 167.8/1

Left In: 35.653 $\pm$ 0.581 χ^2 /NDF: 4958.4/8

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 27.489+/-0.688 χ^2 /NDF: 151.2/2

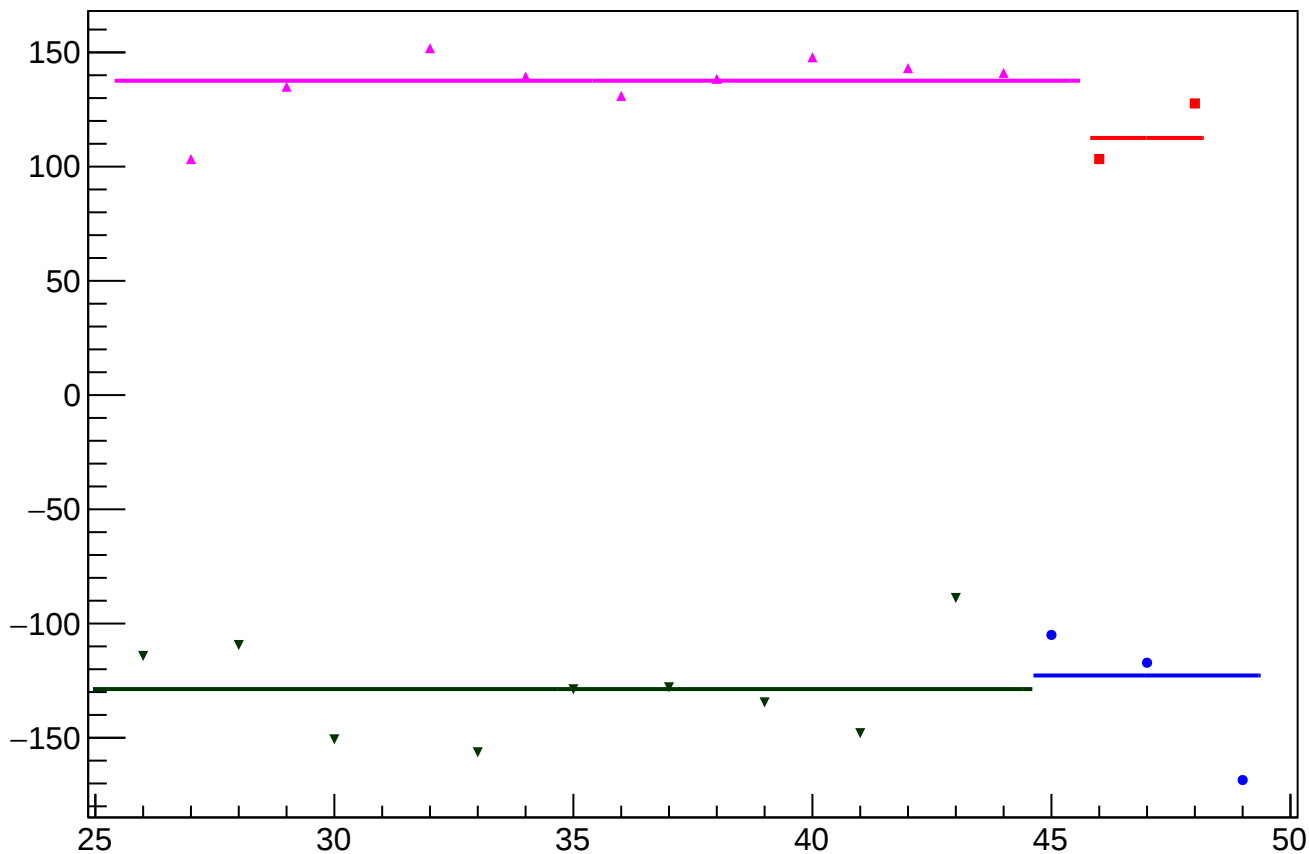
Left Out: 22.684+/-0.496 χ^2 /NDF:443.3/8

Right Out: -24.333+/-0.920 χ^2 /NDF: 0.1/1

Left In: -30.869+/-0.424 χ^2 /NDF:480.3/8

-3.912+/-0.278 χ^2 /NDF: 10571.8/22

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -122.738+/-0.154 χ^2/NDF : 25169.5/2

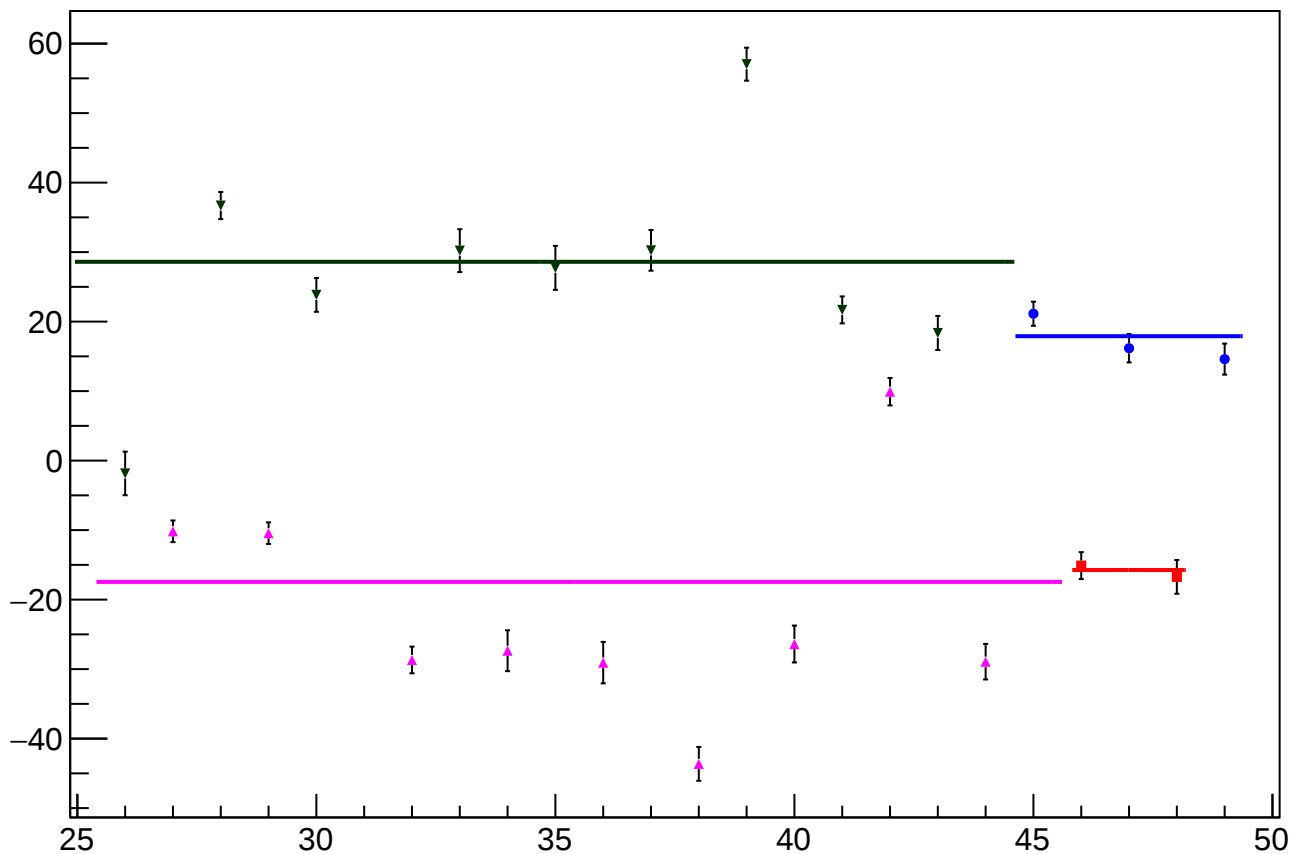
Left Out: -128.683+/-0.112 χ^2/NDF : 38450.4/8

Right Out: 112.557+/-0.192 χ^2/NDF : 3787.2/1

Left In: 137.605+/-0.100 χ^2/NDF : 21119.1/8

6.066+/-0.063 χ^2/NDF : 4281667.0/22

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 17.900±/-1.137 χ^2/NDF : 6.4/2

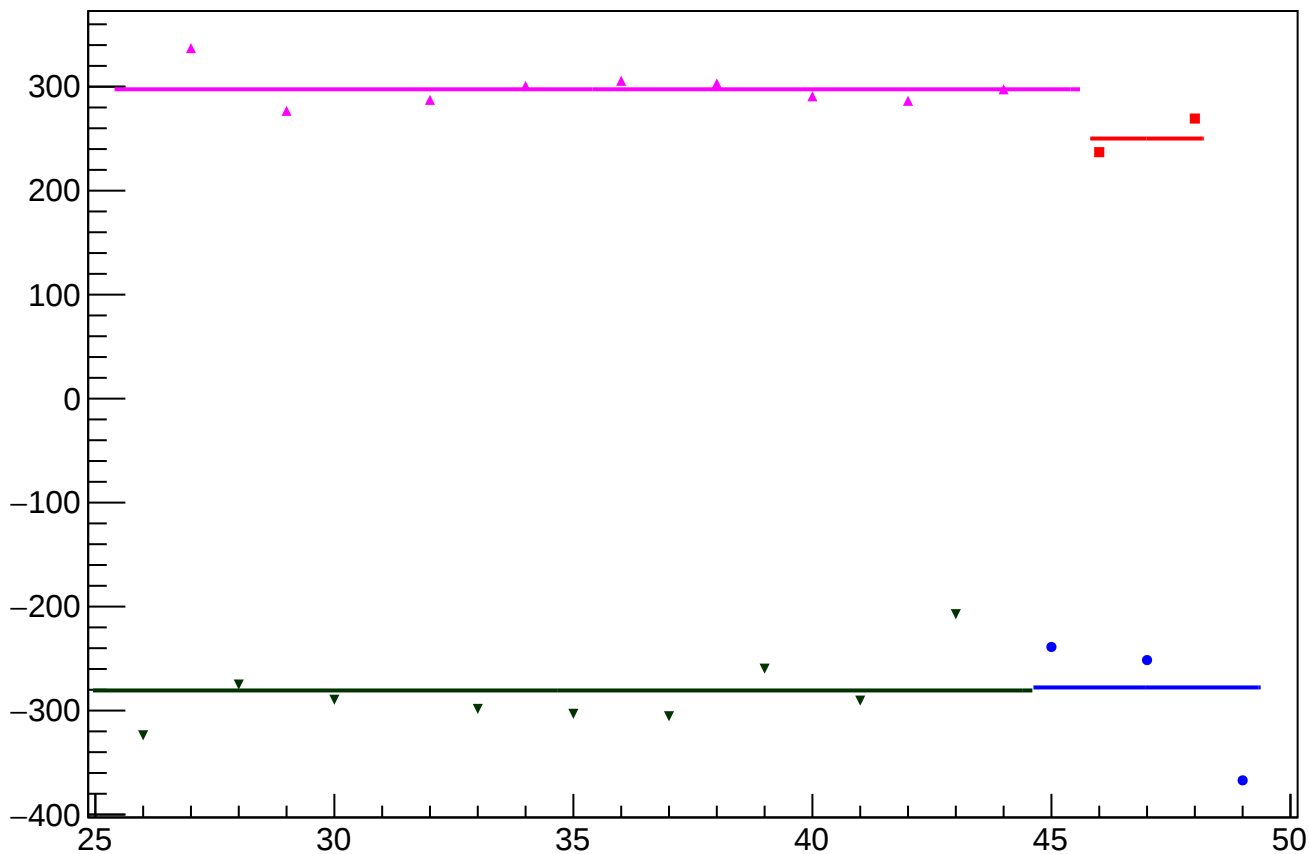
Left Out: 28.605±/-0.827 χ^2/NDF : 289.4/8

Right Out: -15.742±/-1.514 χ^2/NDF : 0.3/1

Left In: -17.453±/-0.699 χ^2/NDF : 441.8/8

2.775±/-0.460 χ^2/NDF : 2877.2/22

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -277.753+/-0.222 χ^2/NDF : 60969.3/2

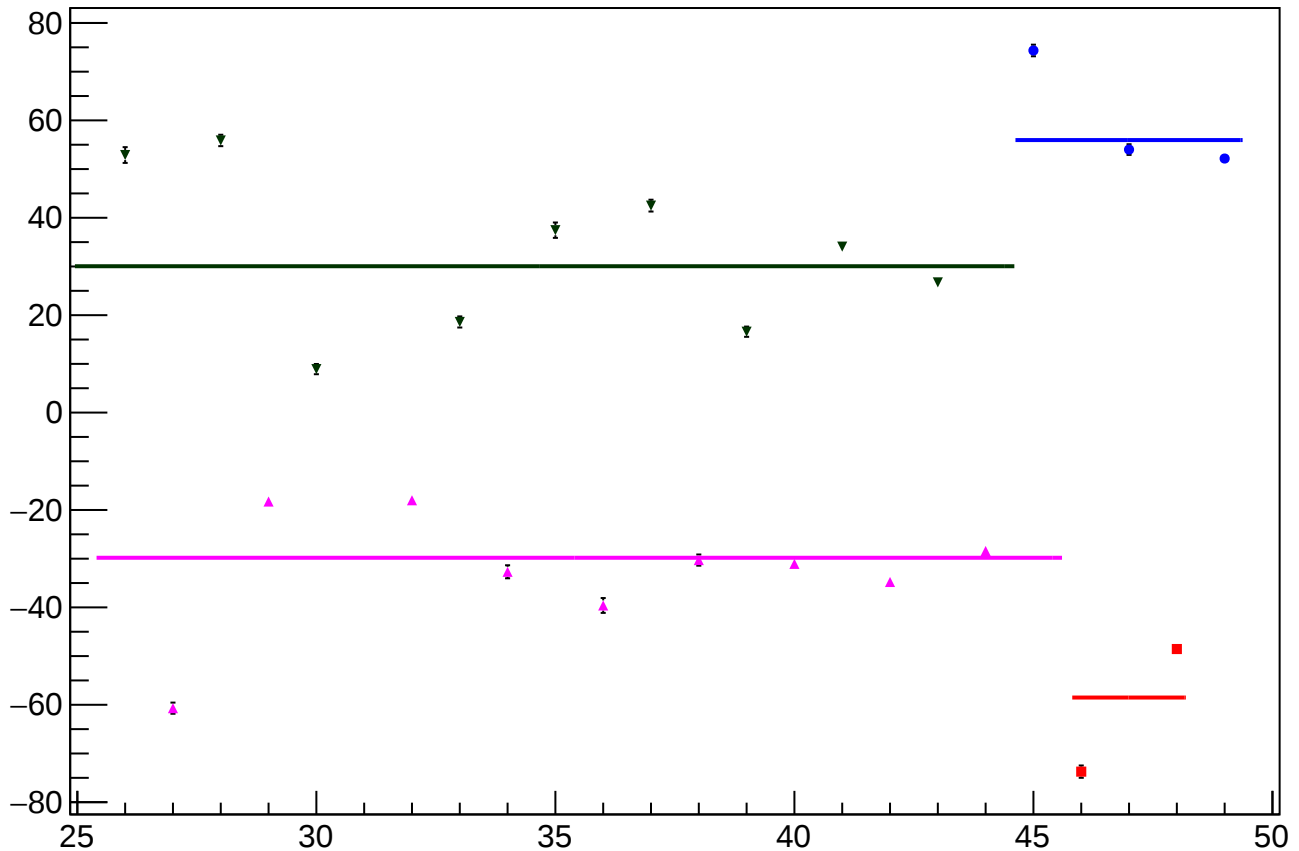
Left Out: -280.656+/-0.153 χ^2/NDF : 43963.5/8

Right Out: 250.136+/-0.295 χ^2/NDF : 2901.3/1

Left In: 297.504+/-0.148 χ^2/NDF : 15085.1/8

-9.731+/-0.091 χ^2/NDF : 9763521.7/22

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.955+/-0.471 χ^2/NDF : 283.8/2

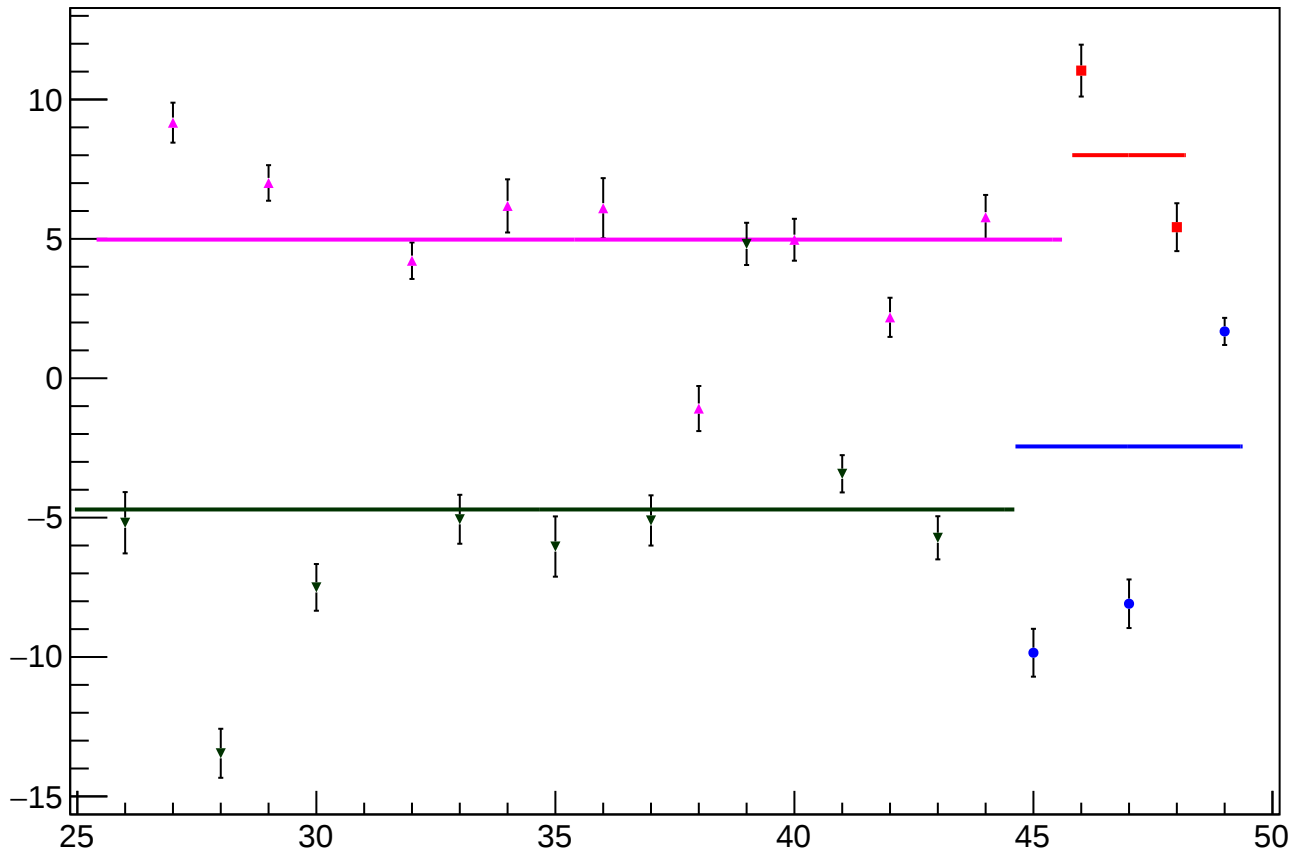
Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

5.440+/-0.215 χ^2/NDF : 36003.5/22

Right Out: -58.512+/-0.795 χ^2/NDF : 239.6/1

Left In: -29.811+/-0.343 χ^2/NDF : 1208.1/8

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -2.447 ± 0.381 $\chi^2/\text{NDF}: 188.3/2$

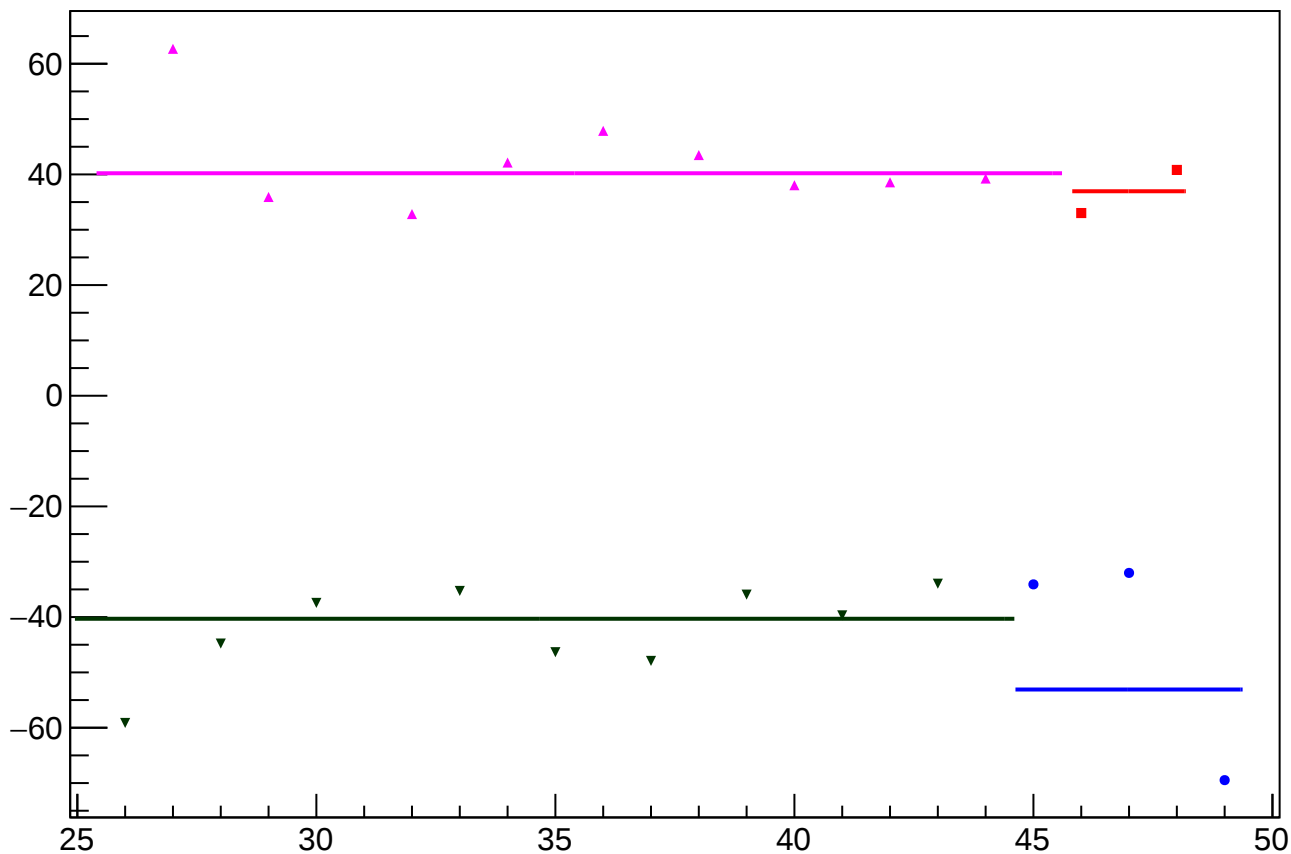
Left Out: -4.708 ± 0.282 $\chi^2/\text{NDF}: 275.7/8$

0.572 ± 0.163 $\chi^2/\text{NDF}: 1459.2/22$

Right Out: 8.003 ± 0.631 $\chi^2/\text{NDF}: 19.7/1$

Left In: 4.974 ± 0.253 $\chi^2/\text{NDF}: 121.4/8$

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -53.091 $\pm$ 0.089 χ^2 /NDF: 41992.1/2

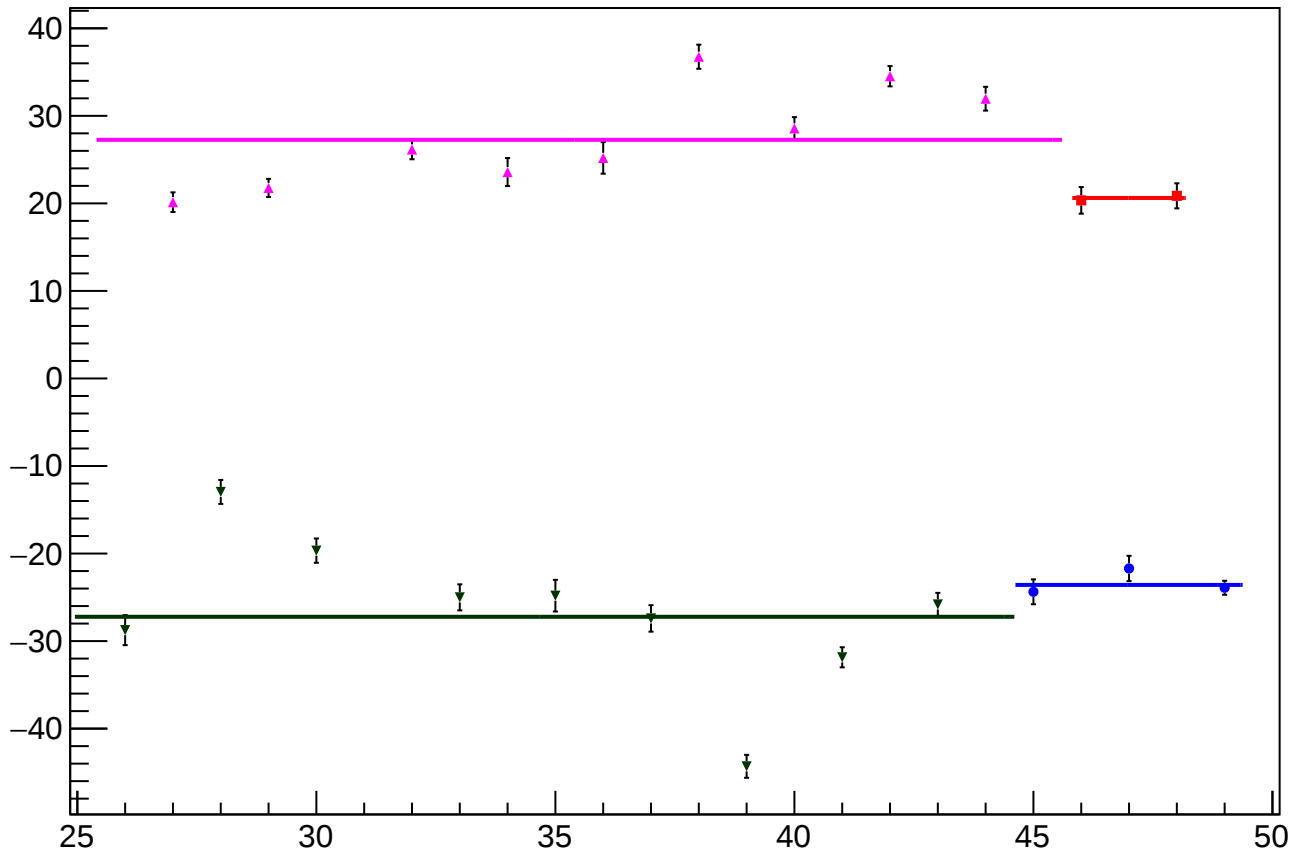
Left Out: -40.306 $\pm$ 0.063 χ^2 /NDF: 10954.8/8

Right Out: 36.956 $\pm$ 0.133 χ^2 /NDF: 854.6/1

Left In: 40.209 $\pm$ 0.058 χ^2 /NDF: 18072.5/8

-4.310 $\pm$ 0.037 χ^2 /NDF: 1379712.4/22

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.584 ± 0.628 $\chi^2/\text{NDF}: 2.2/2$

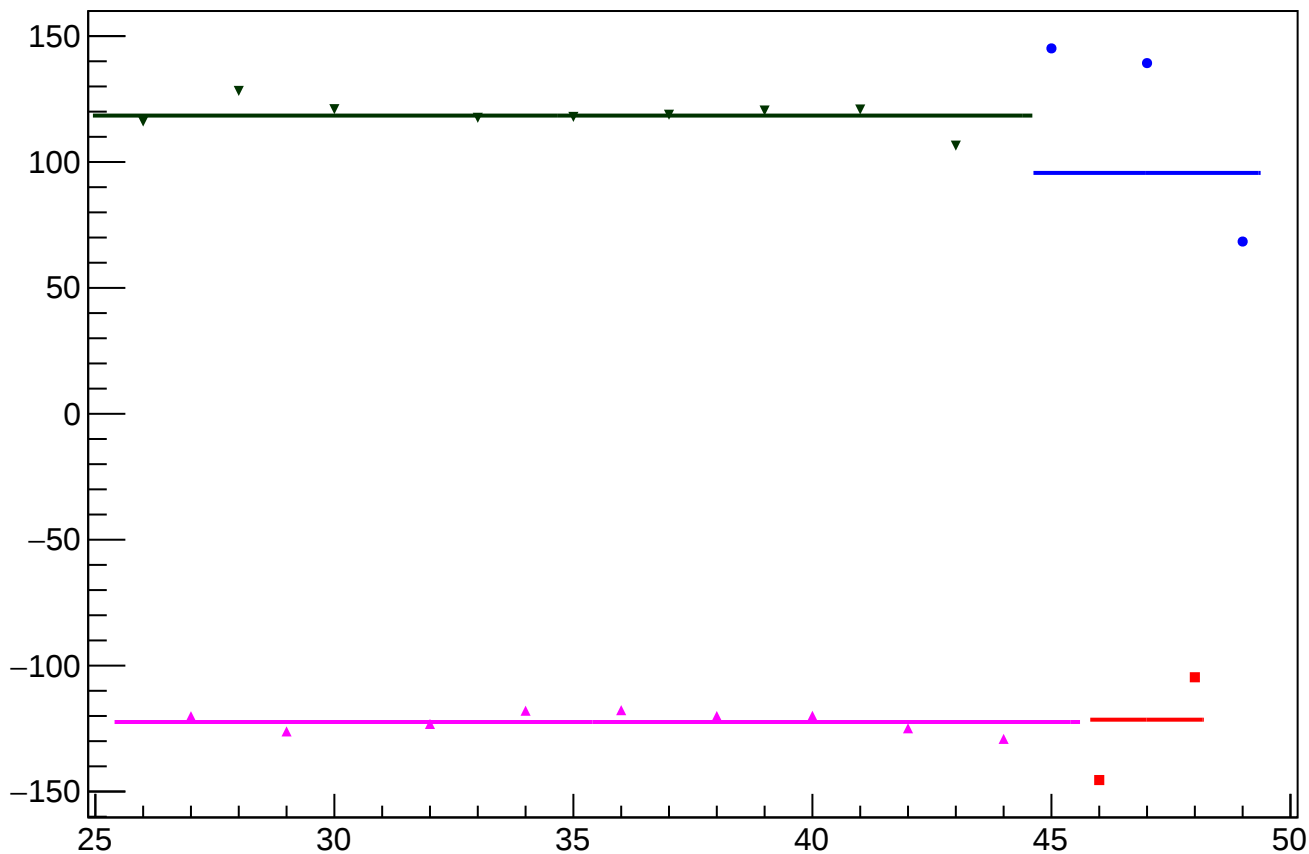
Left Out: -27.224 ± 0.471 $\chi^2/\text{NDF}: 330.4/8$

Right Out: 20.619 ± 1.043 $\chi^2/\text{NDF}: 0.1/1$

Left In: 27.262 ± 0.421 $\chi^2/\text{NDF}: 175.8/8$

-0.732 ± 0.271 $\chi^2/\text{NDF}: 9829.3/22$

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 95.669 $\pm$ 0.121 χ^2 /NDF: 86601.0/2

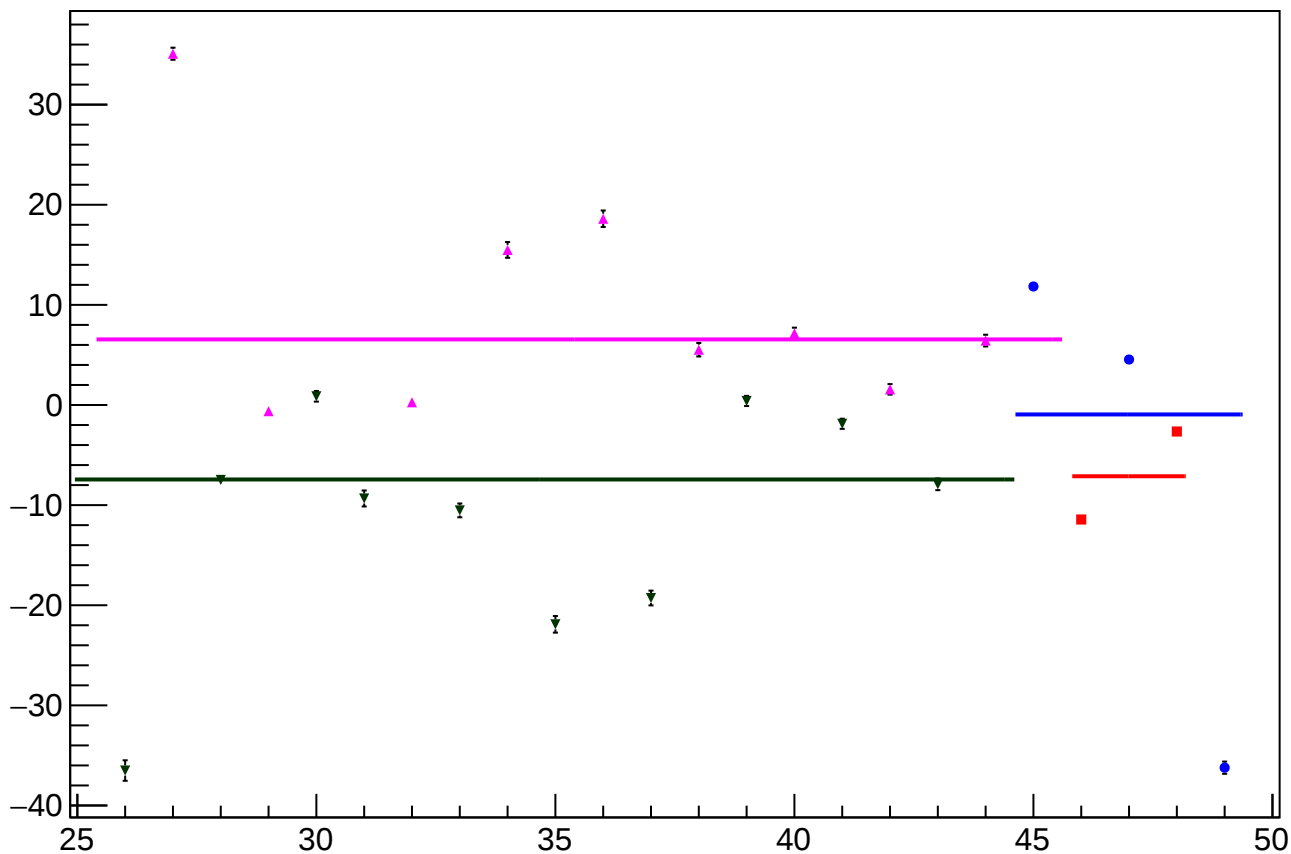
Left Out: 118.438 $\pm$ 0.086 χ^2 /NDF: 4307.2/8

8.708 $\pm$ 0.052 χ^2 /NDF: 4993519.1/22

Right Out: -121.472 $\pm$ 0.192 χ^2 /NDF: 10970.2/1

Left In: -122.391 $\pm$ 0.087 χ^2 /NDF: 1758.1/8

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -0.943 ± 0.274 χ^2/NDF : 4303.7/2

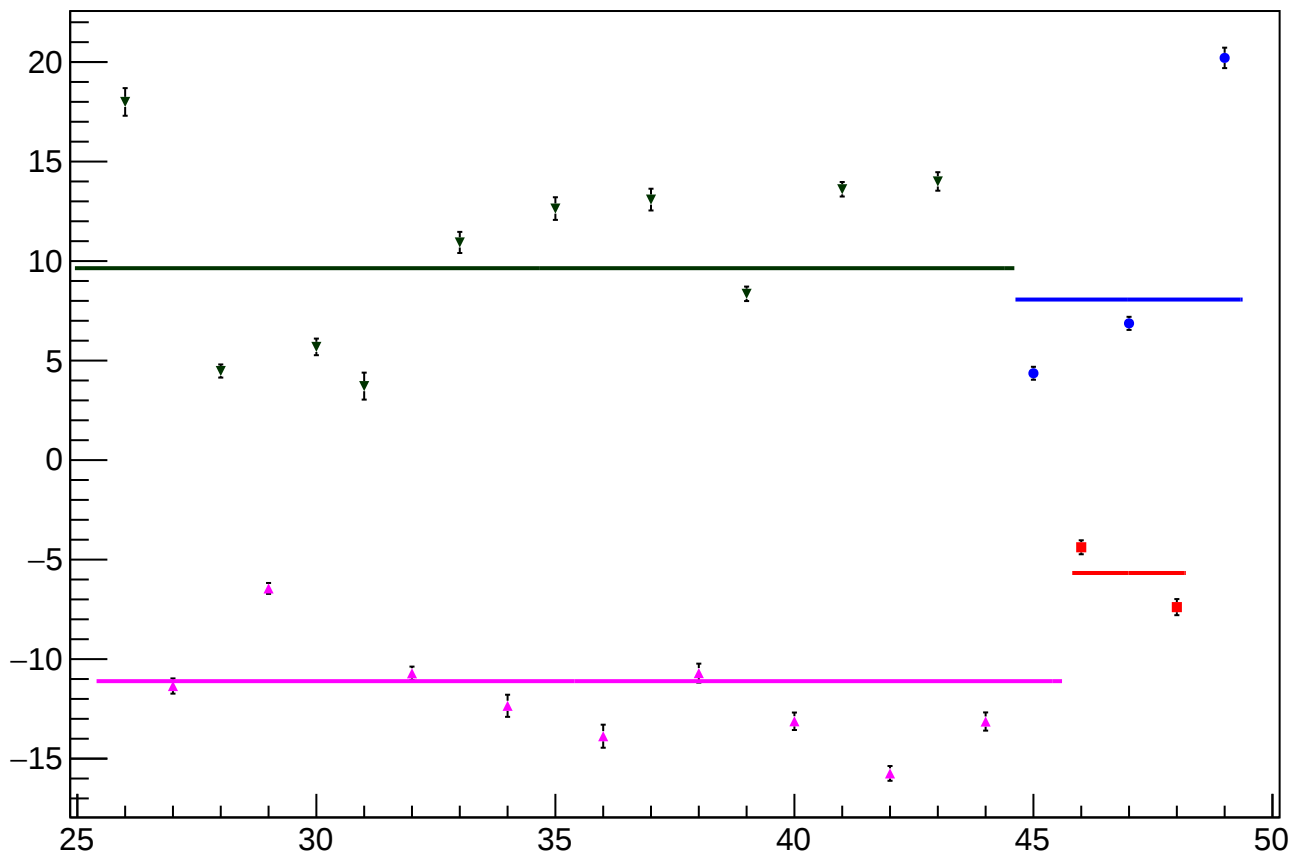
Left Out: -7.437 ± 0.192 χ^2/NDF : 1995.0/9

Right Out: -7.117 ± 0.342 χ^2/NDF : 165.5/1

Left In: 6.550 ± 0.179 χ^2/NDF : 3282.1/8

-0.899 ± 0.112 χ^2/NDF : 12967.5/23

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.067 ± 0.211 $\chi^2/\text{NDF}: 701.9/2$

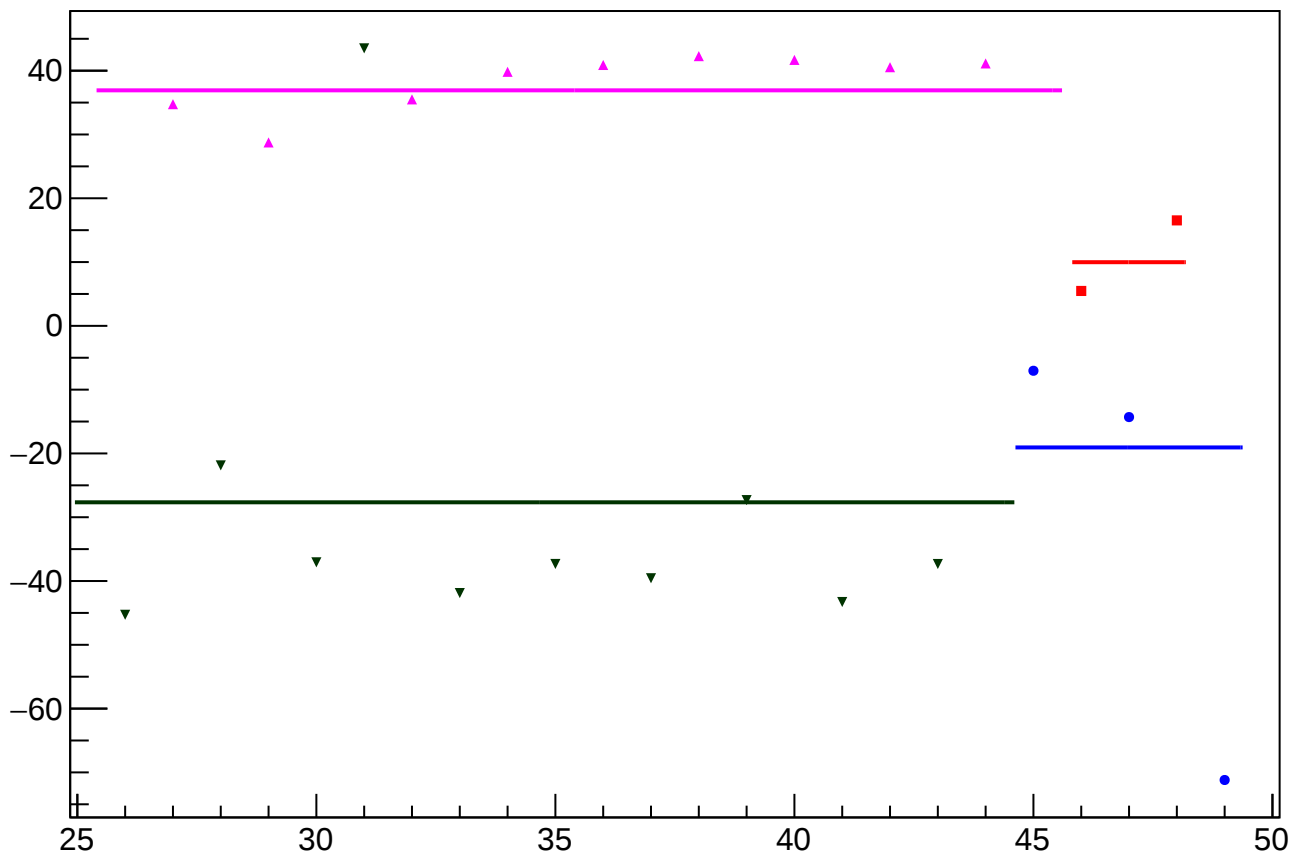
Left Out: 9.643 ± 0.143 $\chi^2/\text{NDF}: 847.5/9$

Right Out: -5.672 ± 0.266 $\chi^2/\text{NDF}: 31.4/1$

Left In: -11.107 ± 0.133 $\chi^2/\text{NDF}: 517.7/8$

-0.426 ± 0.084 $\chi^2/\text{NDF}: 15557.9/23$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -19.059 ± 0.046 $\chi^2/\text{NDF}: 204466.5/2$

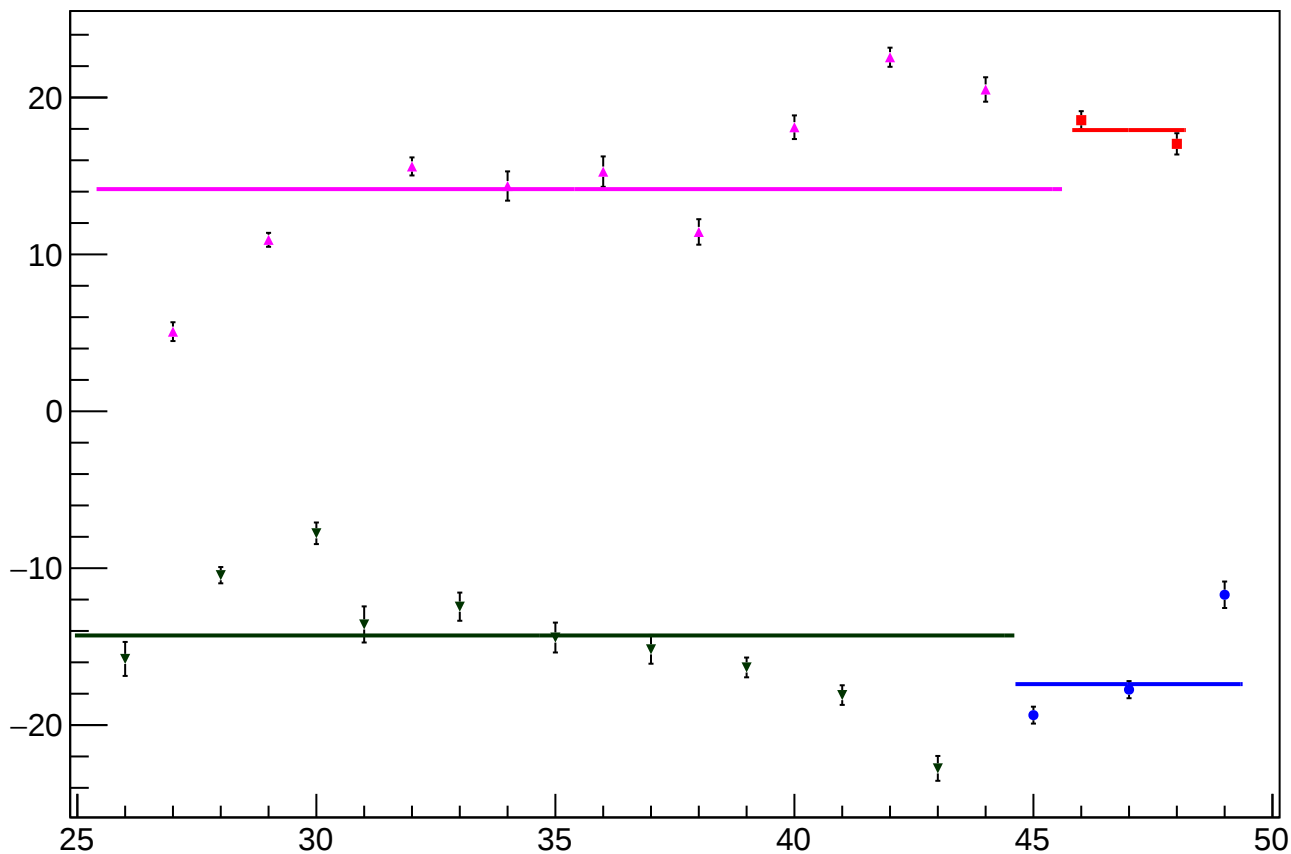
Left Out: -27.661 ± 0.032 $\chi^2/\text{NDF}: 544702.9/9$

2.039 ± 0.019 $\chi^2/\text{NDF}: 3163164.9/23$

Right Out: 9.979 ± 0.055 $\chi^2/\text{NDF}: 9640.7/1$

Left In: 36.920 ± 0.031 $\chi^2/\text{NDF}: 23590.7/8$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -17.389 ± 0.349 $\chi^2/\text{NDF}: 59.5/2$

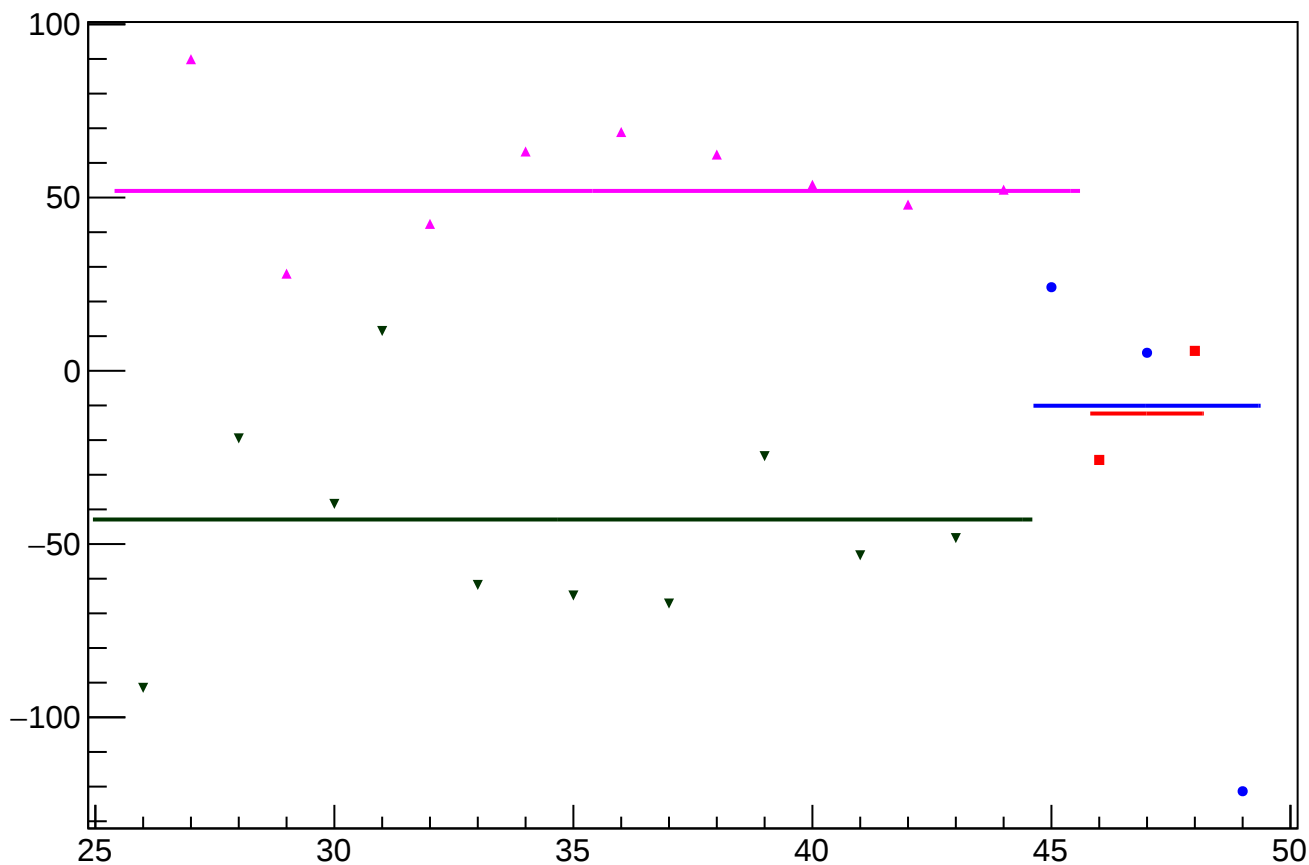
Left Out: -14.288 ± 0.238 $\chi^2/\text{NDF}: 313.7/9$

Right Out: 17.925 ± 0.438 $\chi^2/\text{NDF}: 2.9/1$

Left In: 14.162 ± 0.220 $\chi^2/\text{NDF}: 585.9/8$

-0.157 ± 0.139 $\chi^2/\text{NDF}: 12869.5/23$

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -10.081 ± 0.068 $\chi^2/\text{NDF}: 601486.8/2$

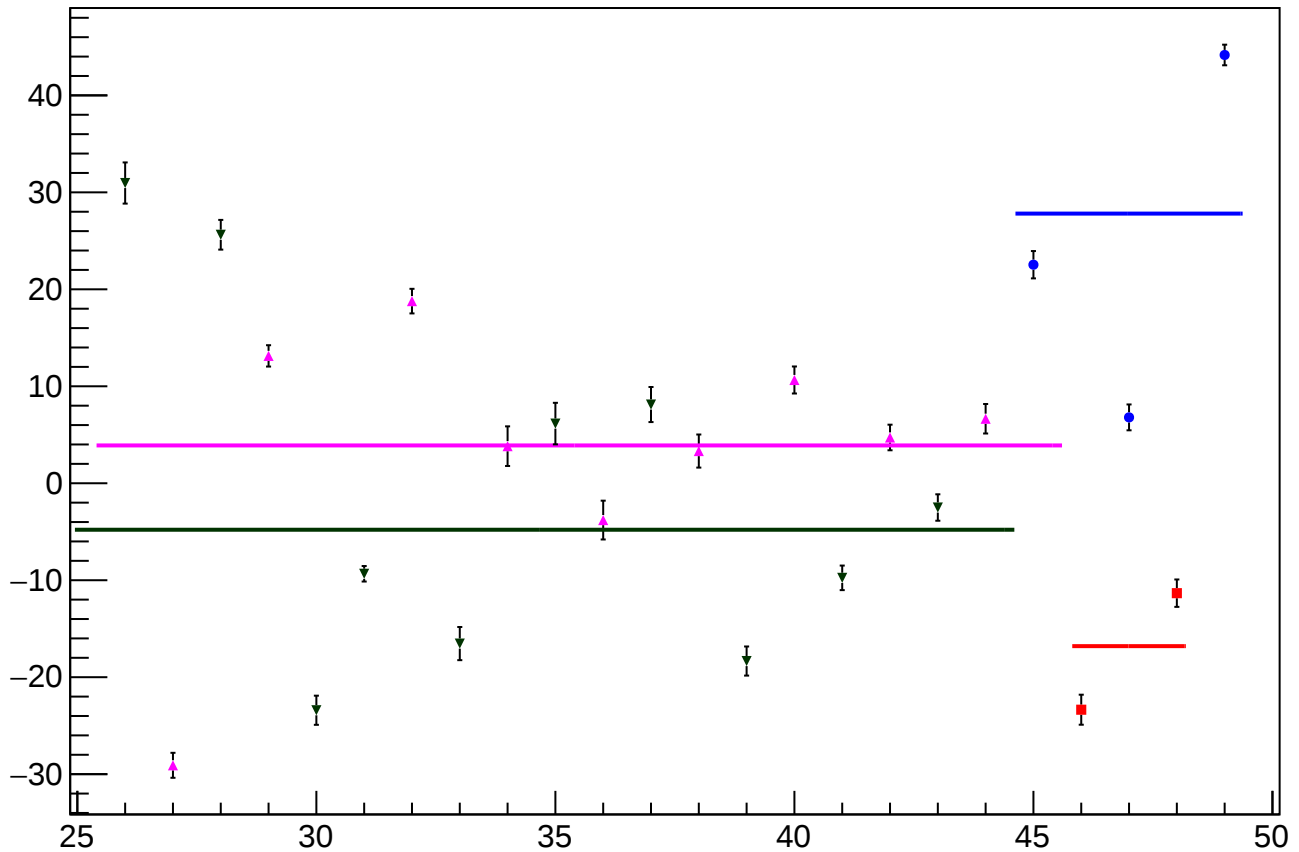
Left Out: -42.913 ± 0.044 $\chi^2/\text{NDF}: 295110.7/9$

Right Out: -12.331 ± 0.086 $\chi^2/\text{NDF}: 33070.0/1$

Left In: 51.914 ± 0.046 $\chi^2/\text{NDF}: 149065.3/8$

-0.950 ± 0.027 $\chi^2/\text{NDF}: 3355205.8/23$

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 27.808 $\pm$ 0.716 χ^2 /NDF: 499.2/2

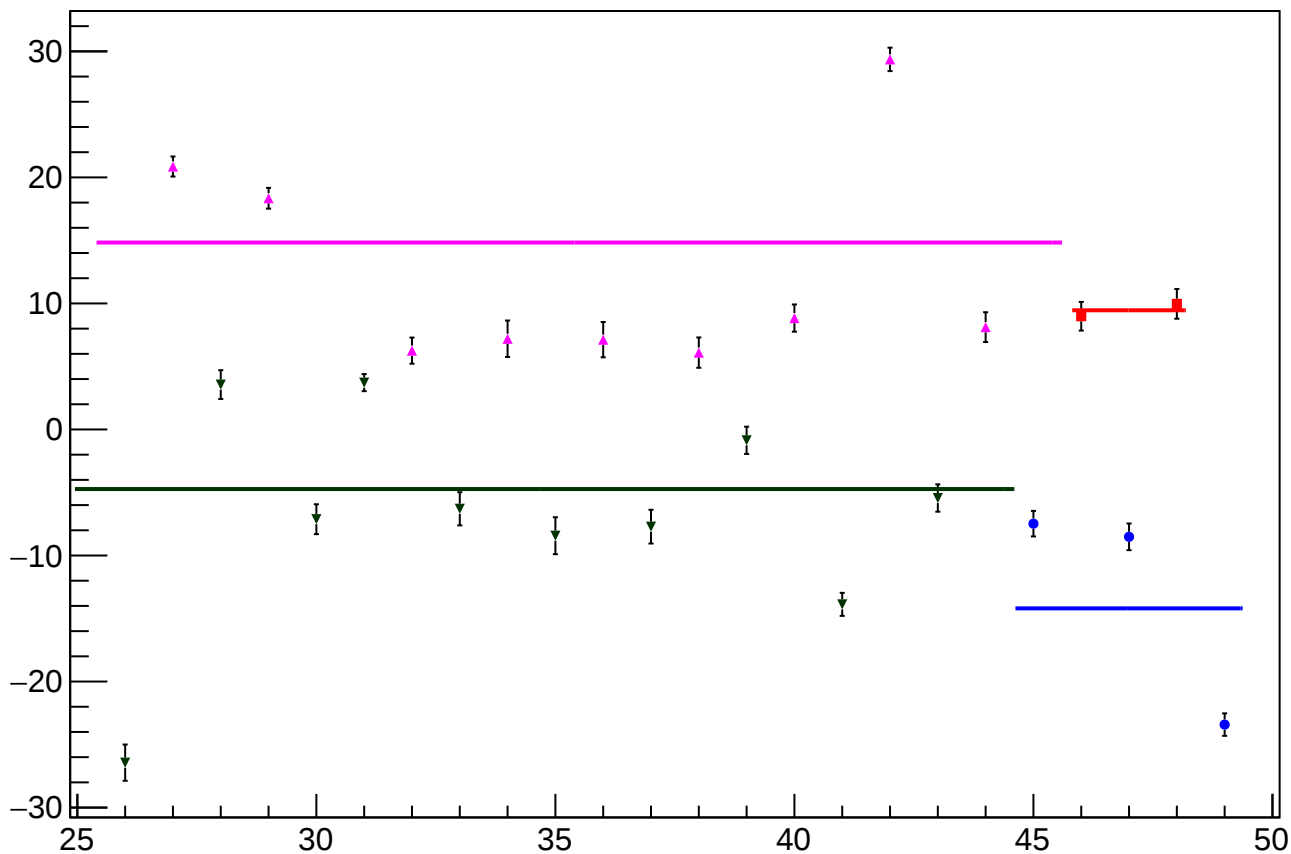
Left Out: -4.793 $\pm$ 0.442 χ^2 /NDF: 1087.2/9

2.535 $\pm$ 0.284 χ^2 /NDF: 4398.2/23

Right Out: -16.798 $\pm$ 1.043 χ^2 /NDF: 32.9/1

Left In: 3.900 $\pm$ 0.476 χ^2 /NDF: 906.0/8

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.194 ± 0.566 χ^2/NDF : 179.7/2

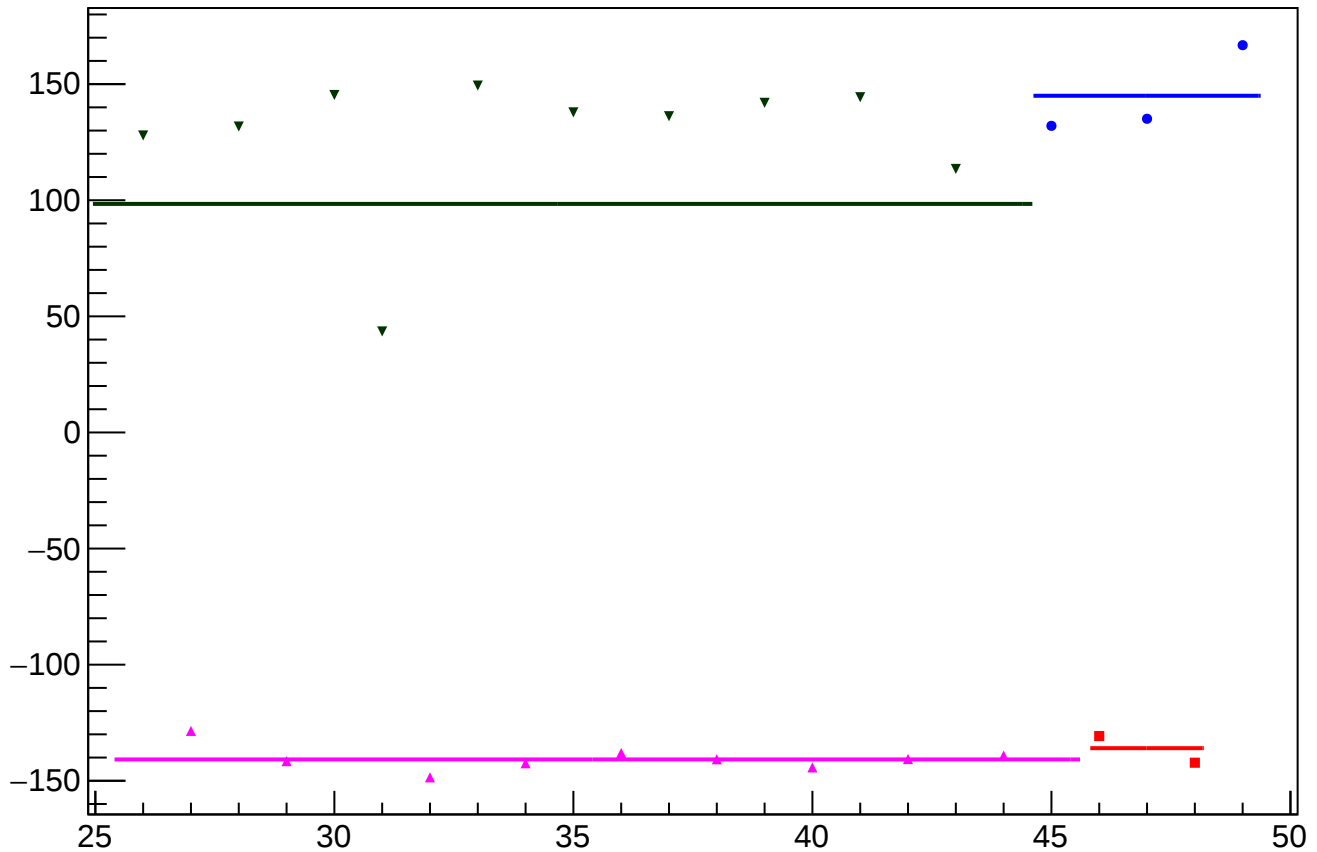
Left Out: -4.727 ± 0.340 χ^2/NDF : 566.1/9

Right Out: 9.456 ± 0.819 χ^2/NDF : 0.4/1

Left In: 14.832 ± 0.345 χ^2/NDF : 563.0/8

2.468 ± 0.215 χ^2/NDF : 3980.6/23

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 144.990 ± 0.128 $\chi^2/\text{NDF}: 15231.2/2$

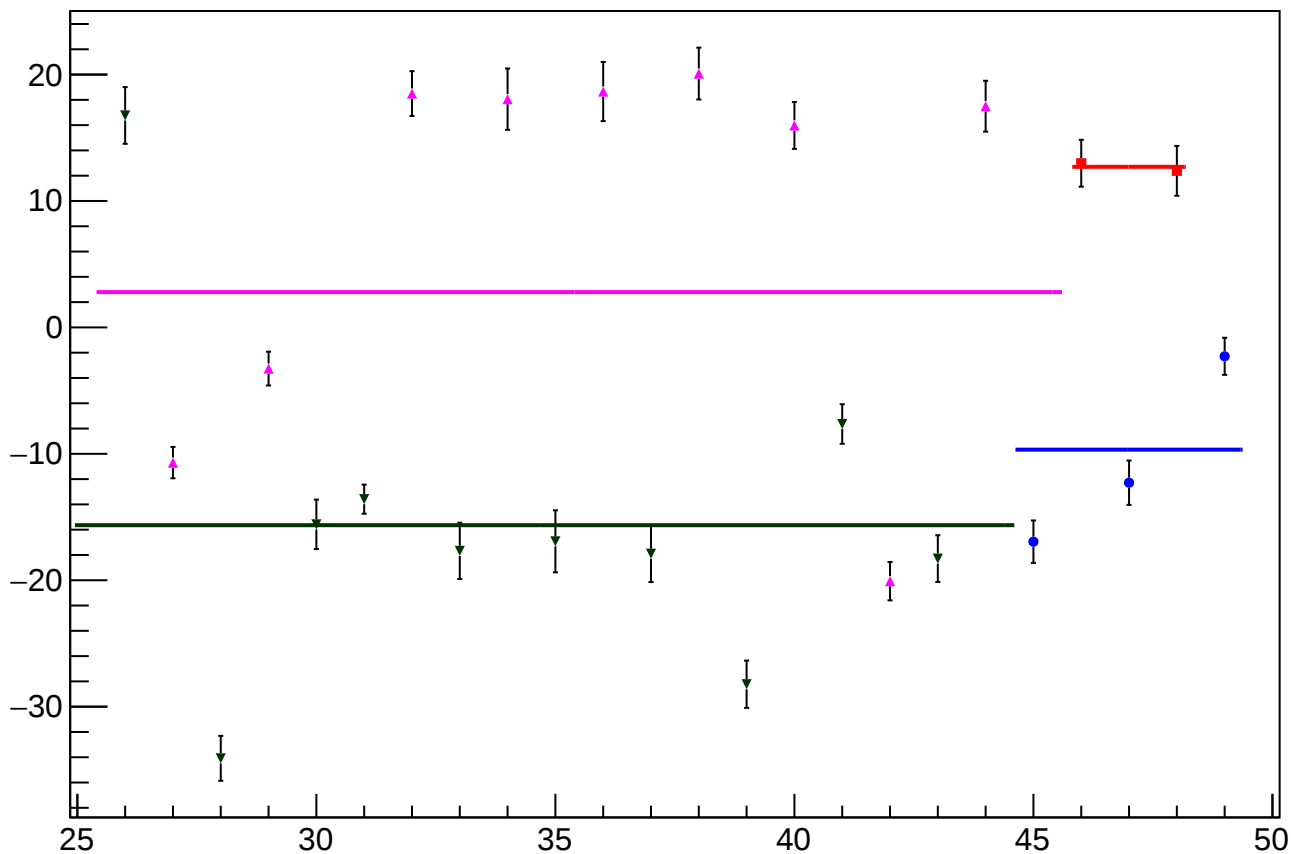
Left Out: 98.427 ± 0.068 $\chi^2/\text{NDF}: 464189.2/9$

9.947 ± 0.047 $\chi^2/\text{NDF}: 7351443.0/23$

Right Out: -135.955 ± 0.172 $\chi^2/\text{NDF}: 1110.5/1$

Left In: -140.810 ± 0.082 $\chi^2/\text{NDF}: 4715.0/8$

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -9.669+/-0.934 χ^2/NDF : 46.4/2

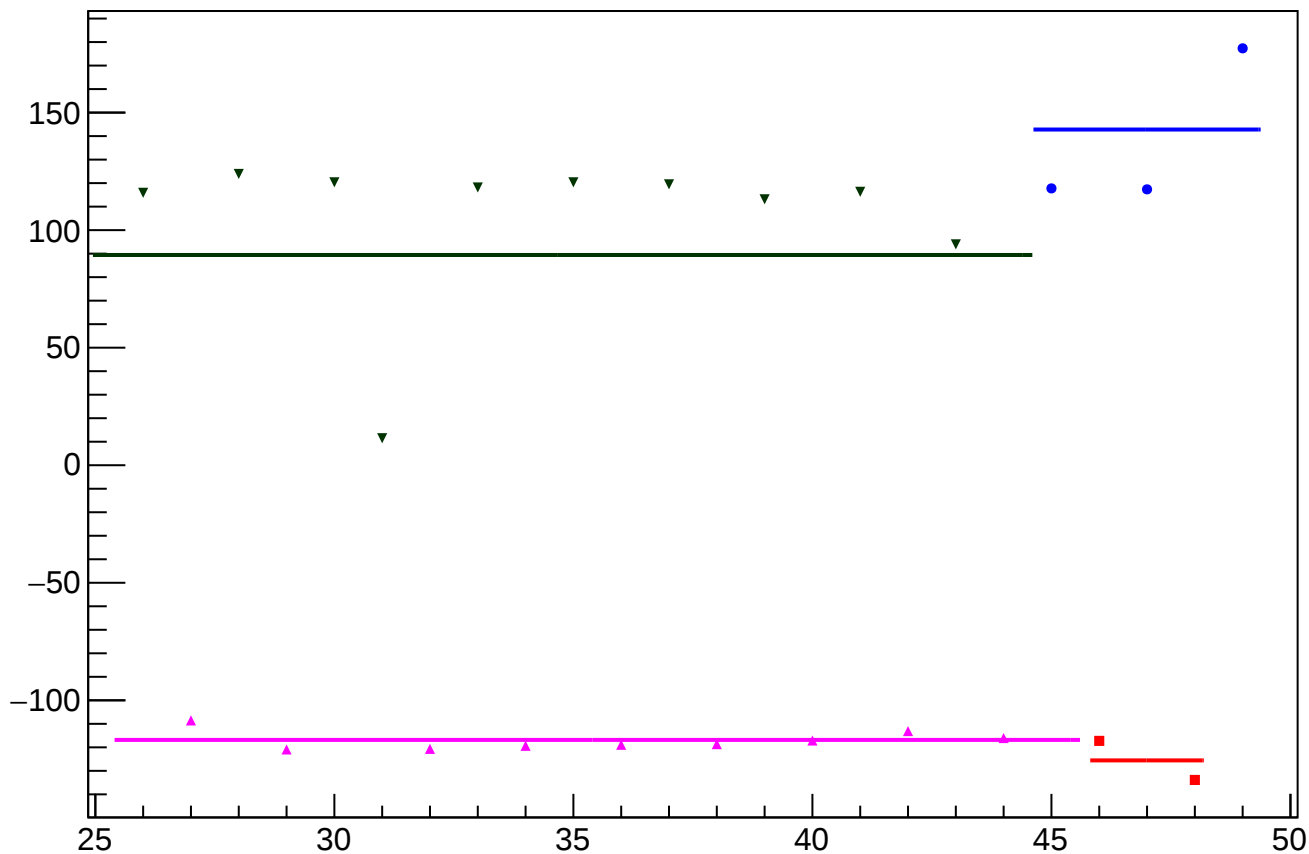
Left Out: -15.644+/-0.569 χ^2/NDF : 395.1/9

-5.559+/-0.357 χ^2/NDF : 1877.4/23

Right Out: 12.703+/-1.350 χ^2/NDF : 0.0/1

Left In: 2.793+/-0.569 χ^2/NDF : 704.4/8

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 142.800 $\pm$ 0.181 χ^2 /NDF: 26539.1/2

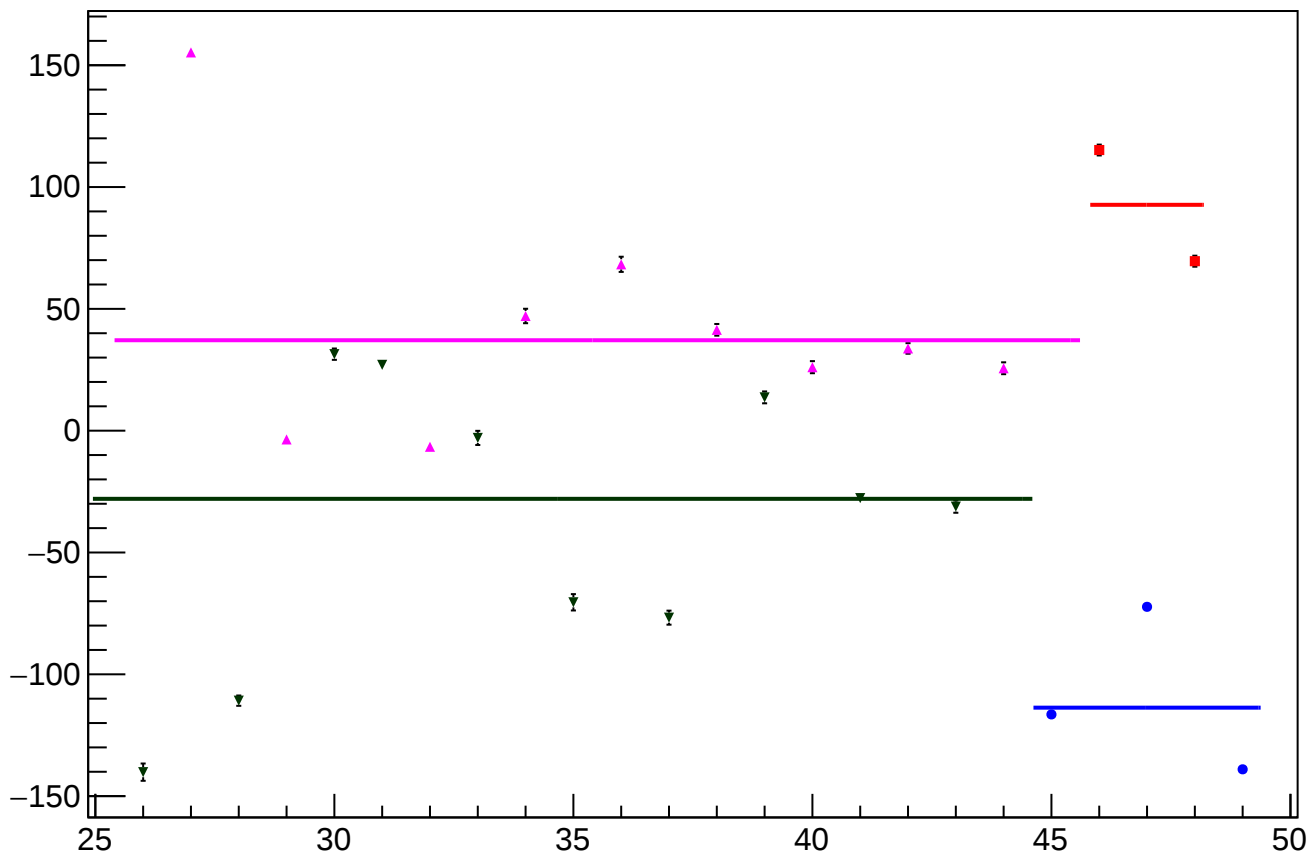
Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF:195054.4/9

Right Out: -125.553 $\pm$ 0.258 χ^2 /NDF: 1038.5/1

Left In: -116.836 $\pm$ 0.120 χ^2 /NDF:1138.7/8

13.052 $\pm$ 0.069 χ^2 /NDF: 2741784.6/23

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -113.687 ± 1.094 $\chi^2/\text{NDF}: 626.5/2$

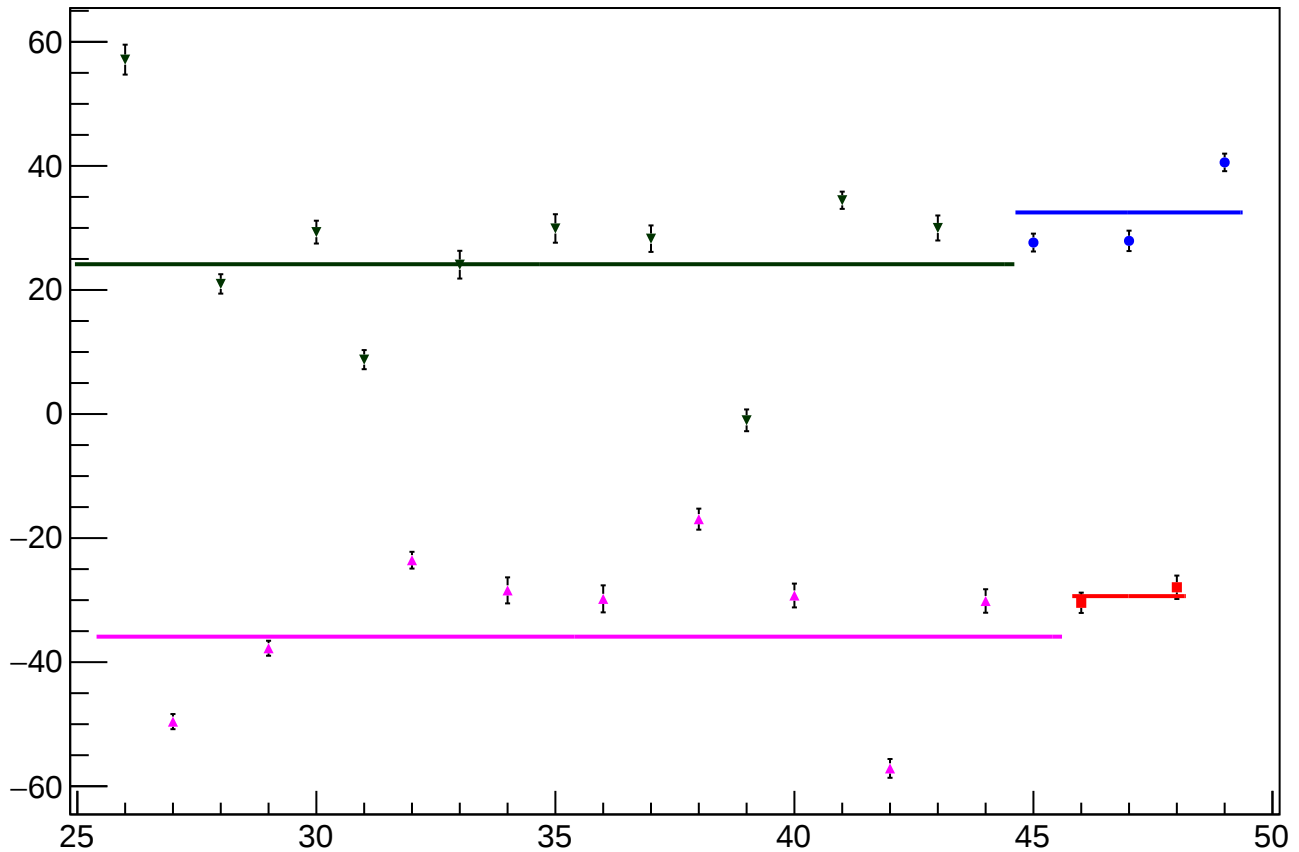
Left Out: -27.970 ± 0.765 $\chi^2/\text{NDF}: 4906.6/9$

Right Out: 92.706 ± 1.587 $\chi^2/\text{NDF}: 206.6/1$

Left In: 37.121 ± 0.714 $\chi^2/\text{NDF}: 5219.8/8$

-6.781 ± 0.452 $\chi^2/\text{NDF}: 28980.2/23$

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 32.499+/-0.860 χ^2/NDF : 51.7/2

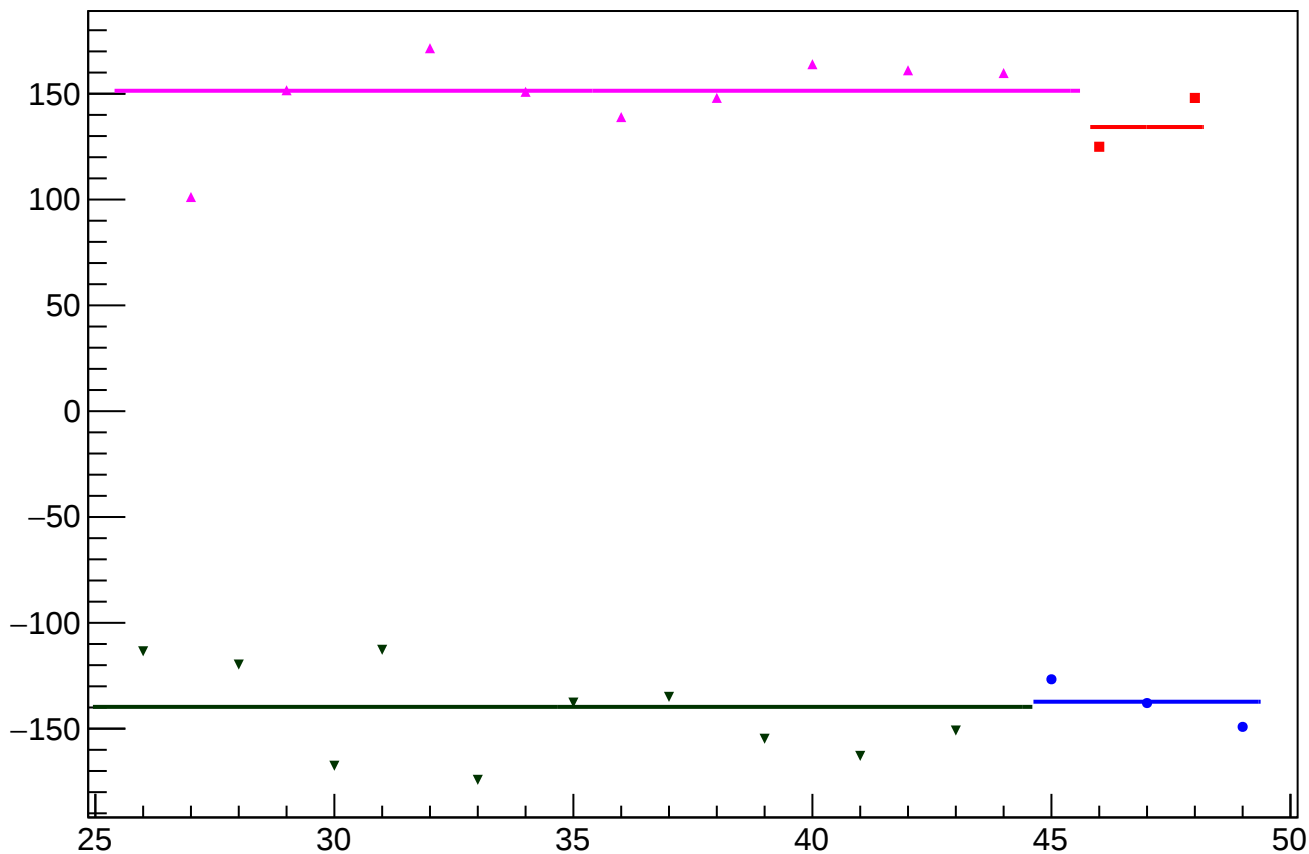
Left Out: 24.152+/-0.578 χ^2/NDF : 577.8/9

Right Out: -29.354+/-1.237 χ^2/NDF : 1.0/1

Left In: -35.889+/-0.522 χ^2/NDF : 574.5/8

-4.014+/-0.339 χ^2/NDF : 9537.8/23

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -137.275+/-0.194 χ^2/NDF : 2282.6/2

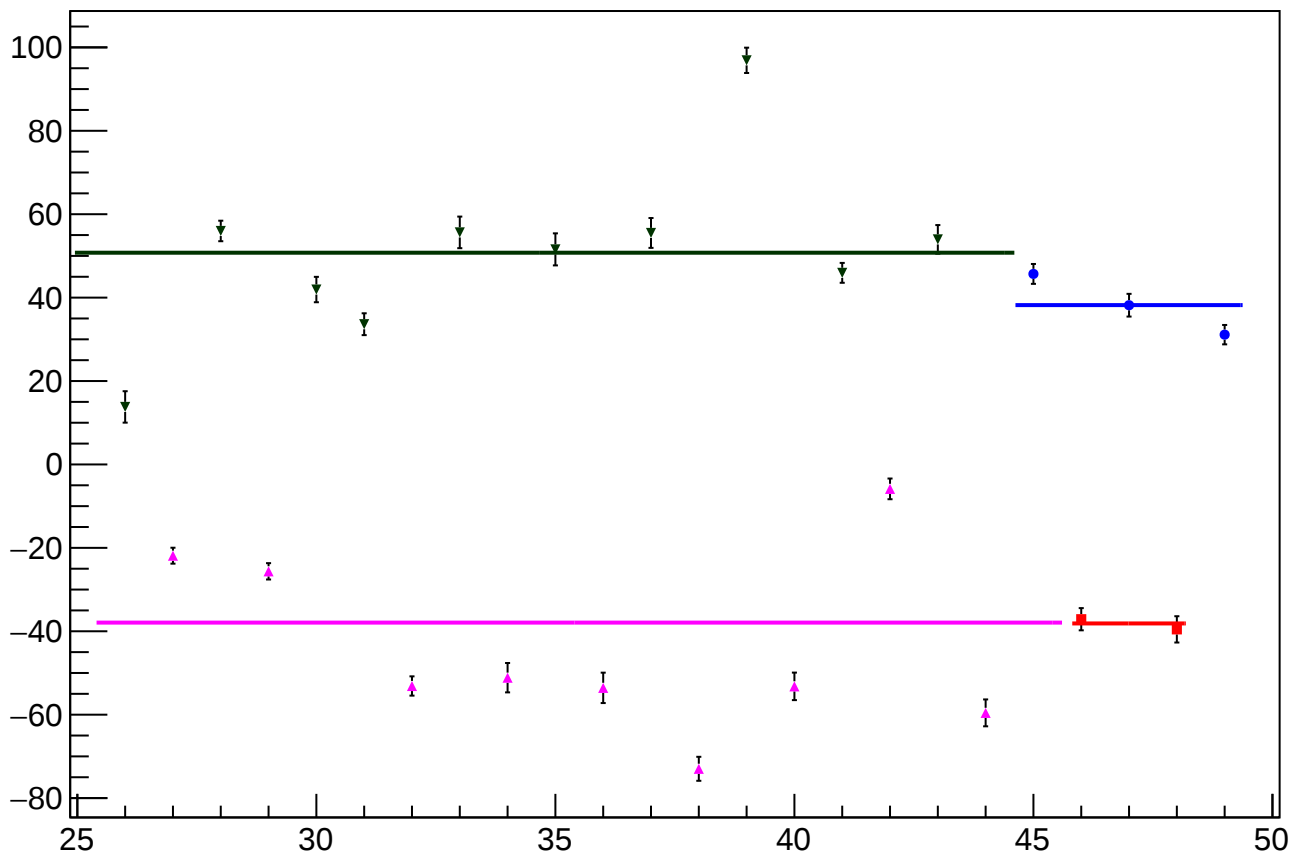
Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

Right Out: 134.269+/-0.258 χ^2/NDF : 1917.7/1

Left In: 151.402+/-0.122 χ^2/NDF : 30317.9/8

-4.815+/-0.075 χ^2/NDF : 3684943.5/23

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 38.206+/-1.420 χ^2/NDF : 19.1/2

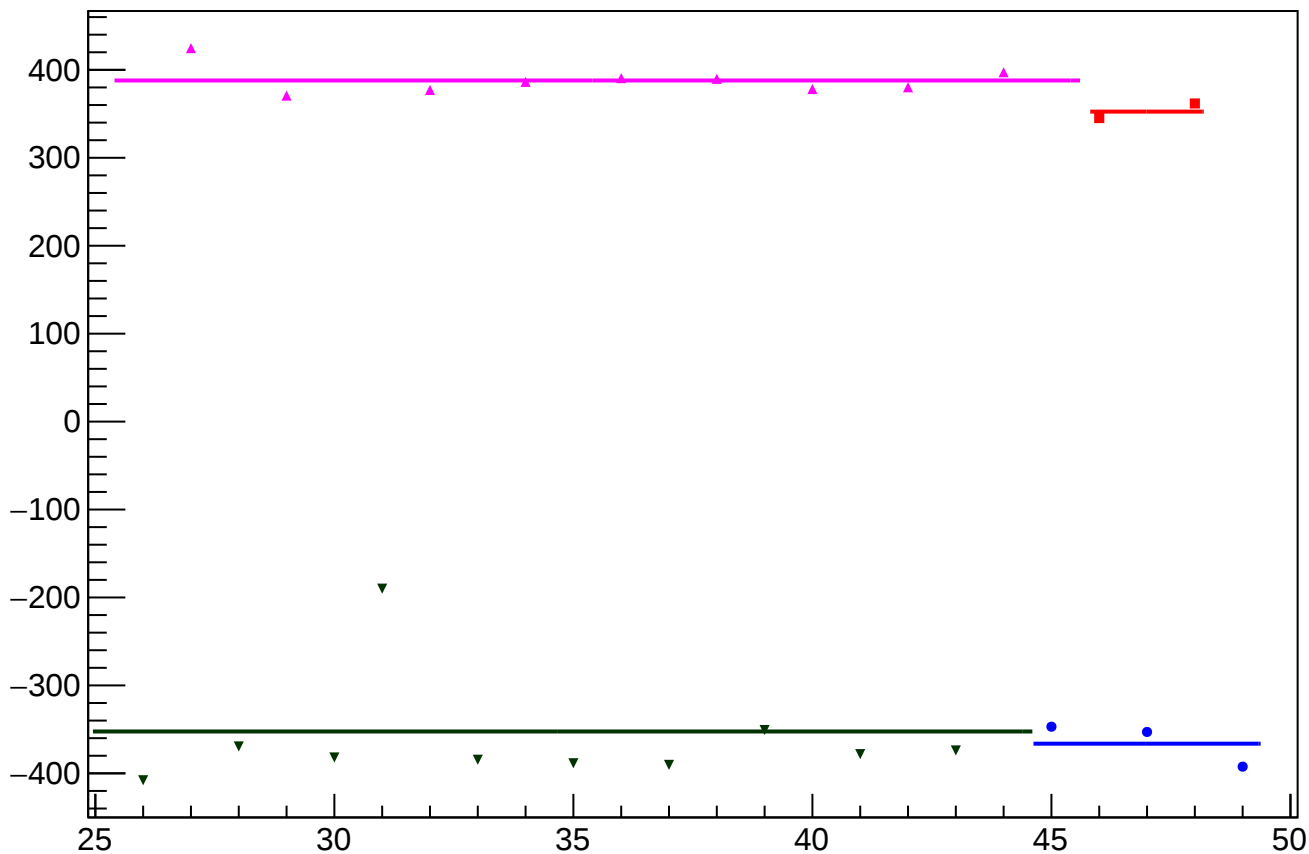
Left Out: 50.768+/-0.965 χ^2/NDF : 391.5/9

4.148+/-0.562 χ^2/NDF : 6709.6/23

Right Out: -38.123+/-2.035 χ^2/NDF : 0.3/1

Left In: -37.922+/-0.861 χ^2/NDF : 567.8/8

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -366.264+/-0.277 χ^2/NDF : 5743.3/2

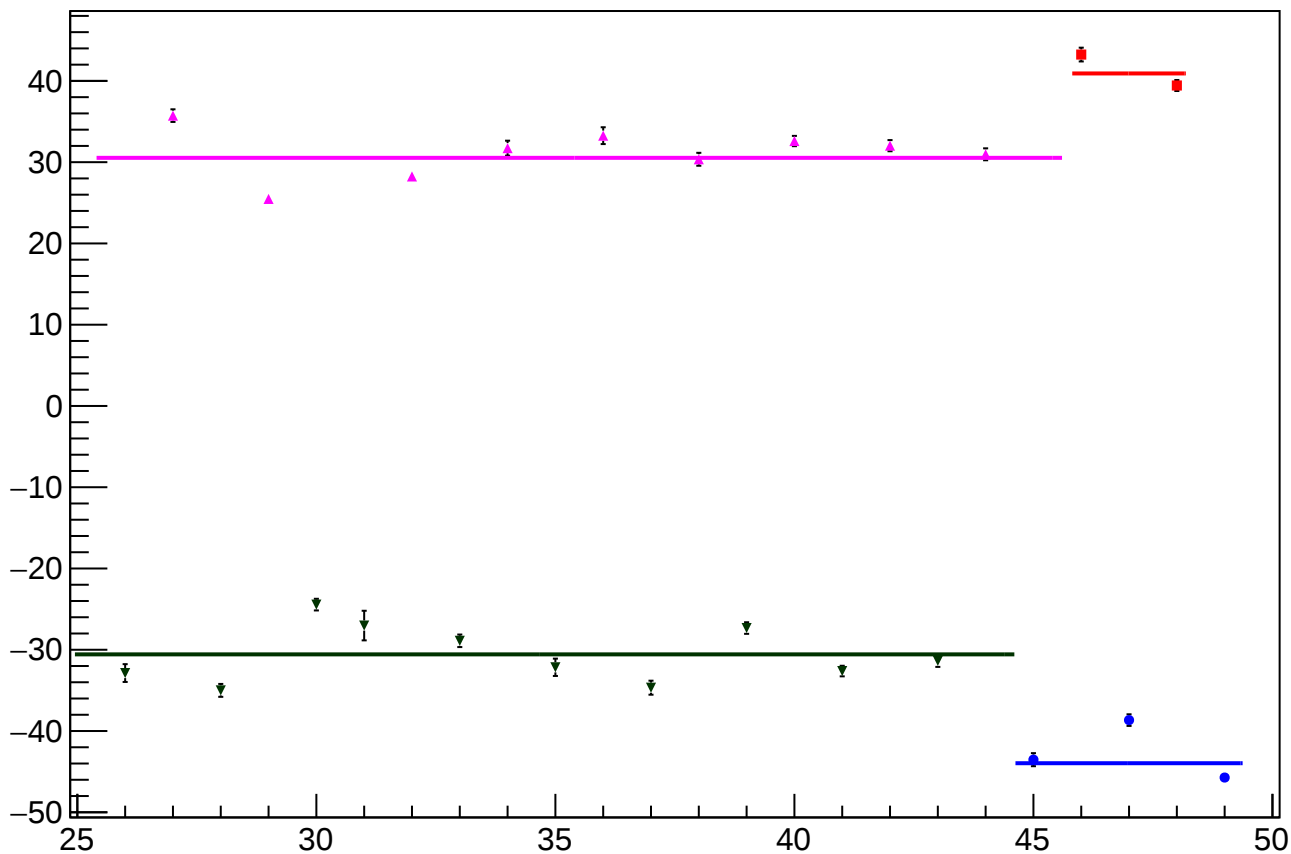
Left Out: -352.385+/-0.178 χ^2/NDF : 145038.2/9

-23.802+/-0.111 χ^2/NDF : 11096277.8/23

Right Out: 352.510+/-0.392 χ^2/NDF : 442.8/1

Left In: 387.911+/-0.183 χ^2/NDF : 8311.7/8

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -43.962 $\pm$ 0.320 χ^2 /NDF: 74.6/2

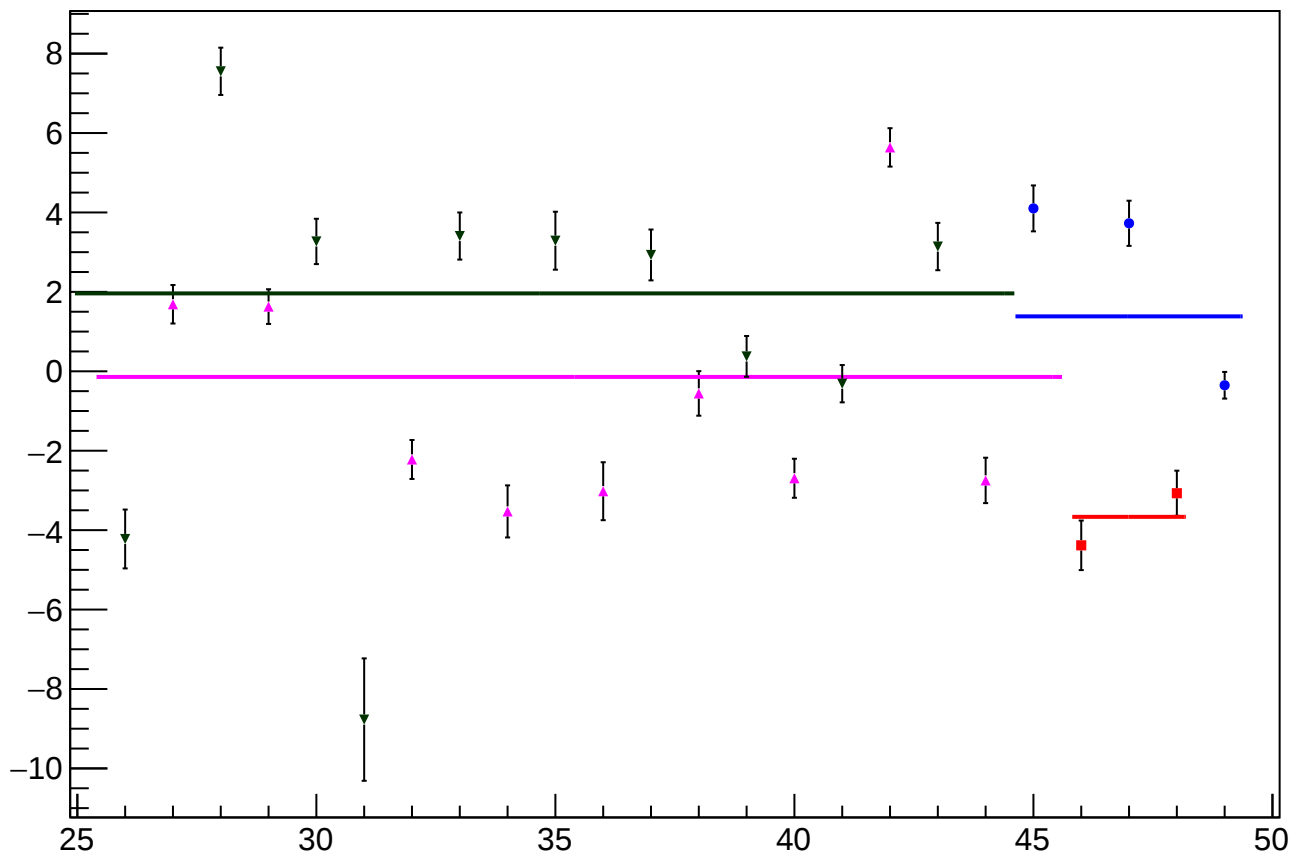
Left Out: -30.568 $\pm$ 0.261 χ^2 /NDF: 173.1/9

Right Out: 40.919 $\pm$ 0.529 χ^2 /NDF: 12.3/1

Left In: 30.535 $\pm$ 0.239 χ^2 /NDF: 159.3/8

-4.264 $\pm$ 0.148 χ^2 /NDF: 54508.9/23

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.383 $\pm$ 0.259 χ^2/NDF : 65.8/2

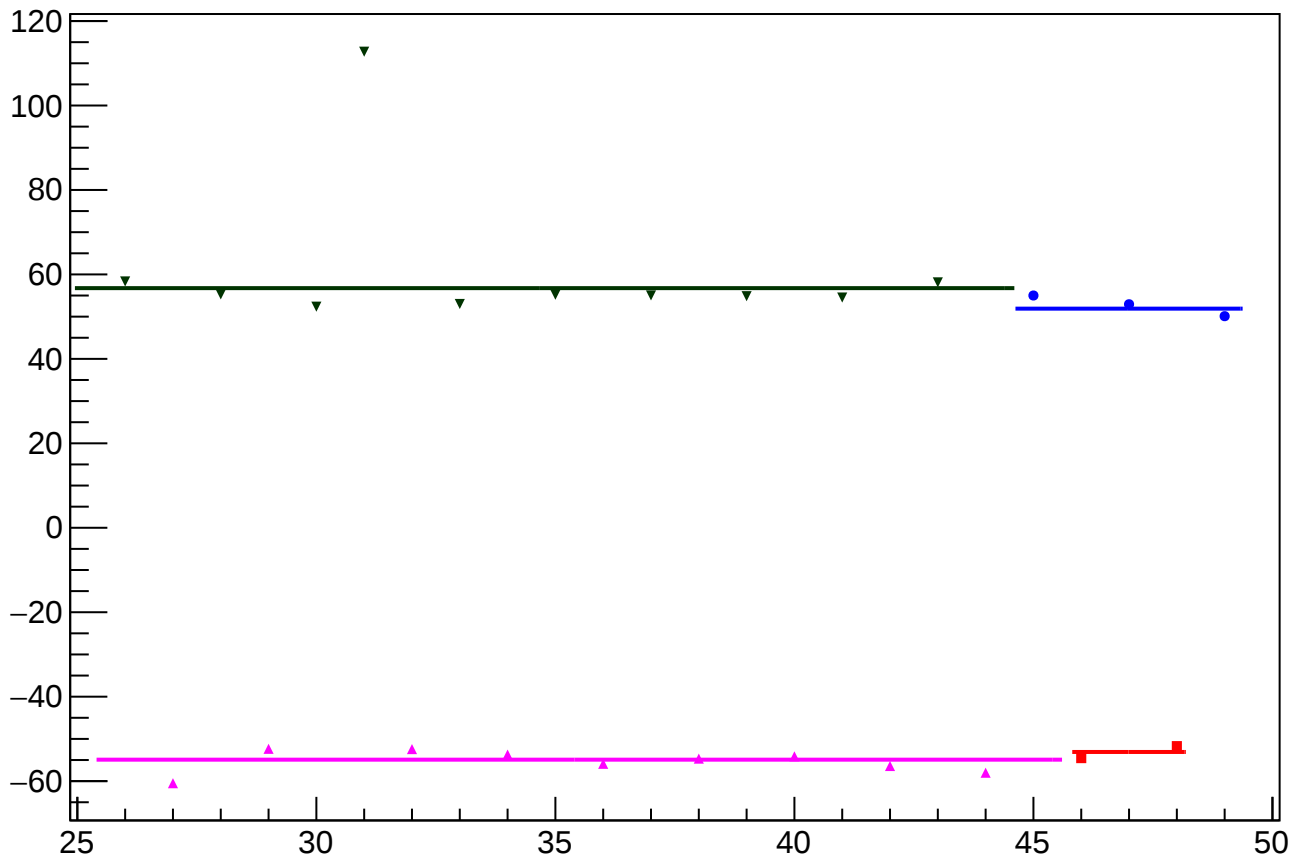
Left Out: 1.962 $\pm$ 0.195 χ^2/NDF : 260.0/9

Right Out: -3.665 $\pm$ 0.420 χ^2/NDF : 2.4/1

Left In: -0.142 $\pm$ 0.175 χ^2/NDF : 282.0/8

0.592 $\pm$ 0.112 χ^2/NDF : 789.3/23

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.894+/-0.060 χ^2/NDF : 1133.7/2

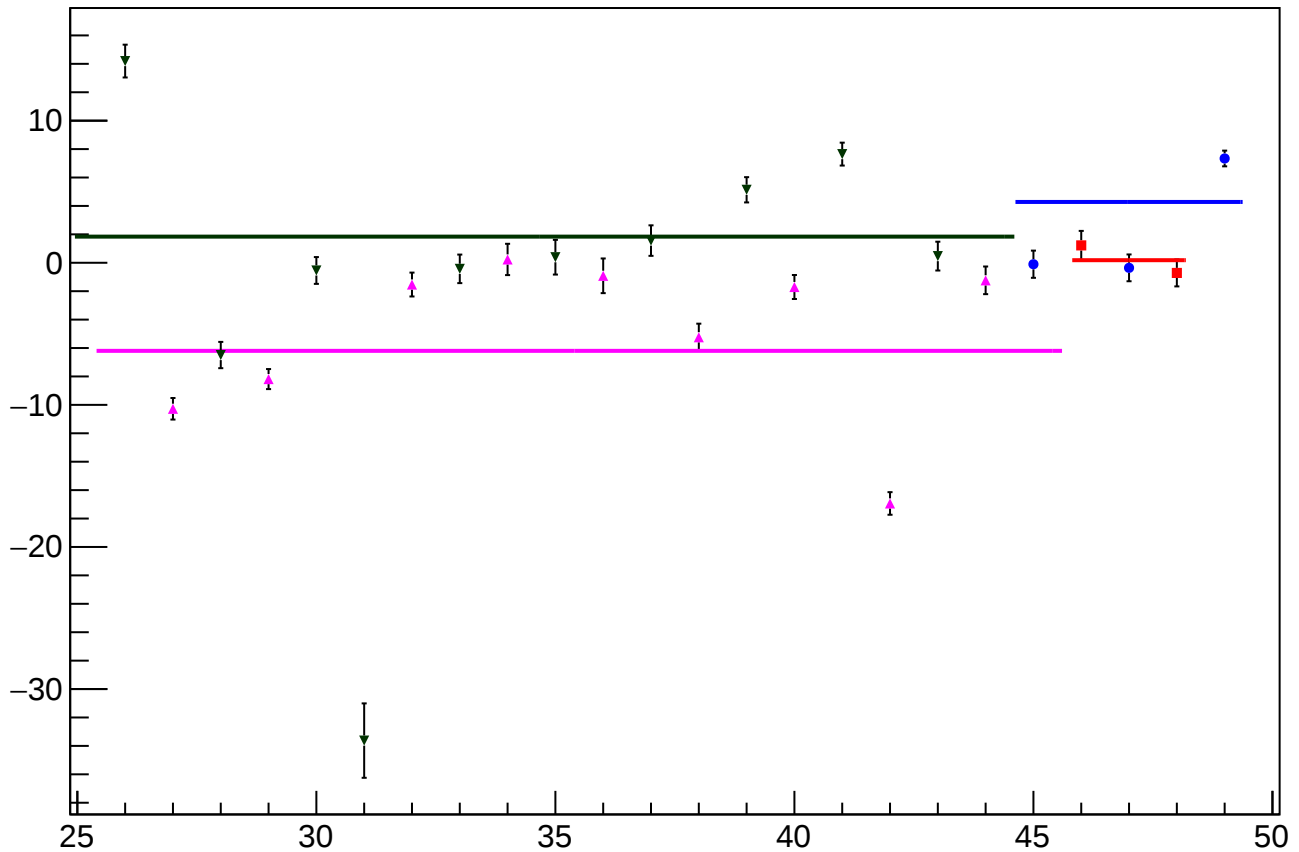
Left Out: 56.751+/-0.043 χ^2/NDF : 56417.9/9

Right Out: -53.093+/-0.089 χ^2/NDF : 255.4/1

Left In: -54.917+/-0.041 χ^2/NDF : 3795.7/8

3.275+/-0.025 χ^2/NDF : 4678350.5/23

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.280 ± 0.427 $\chi^2/\text{NDF}: 75.8/2$

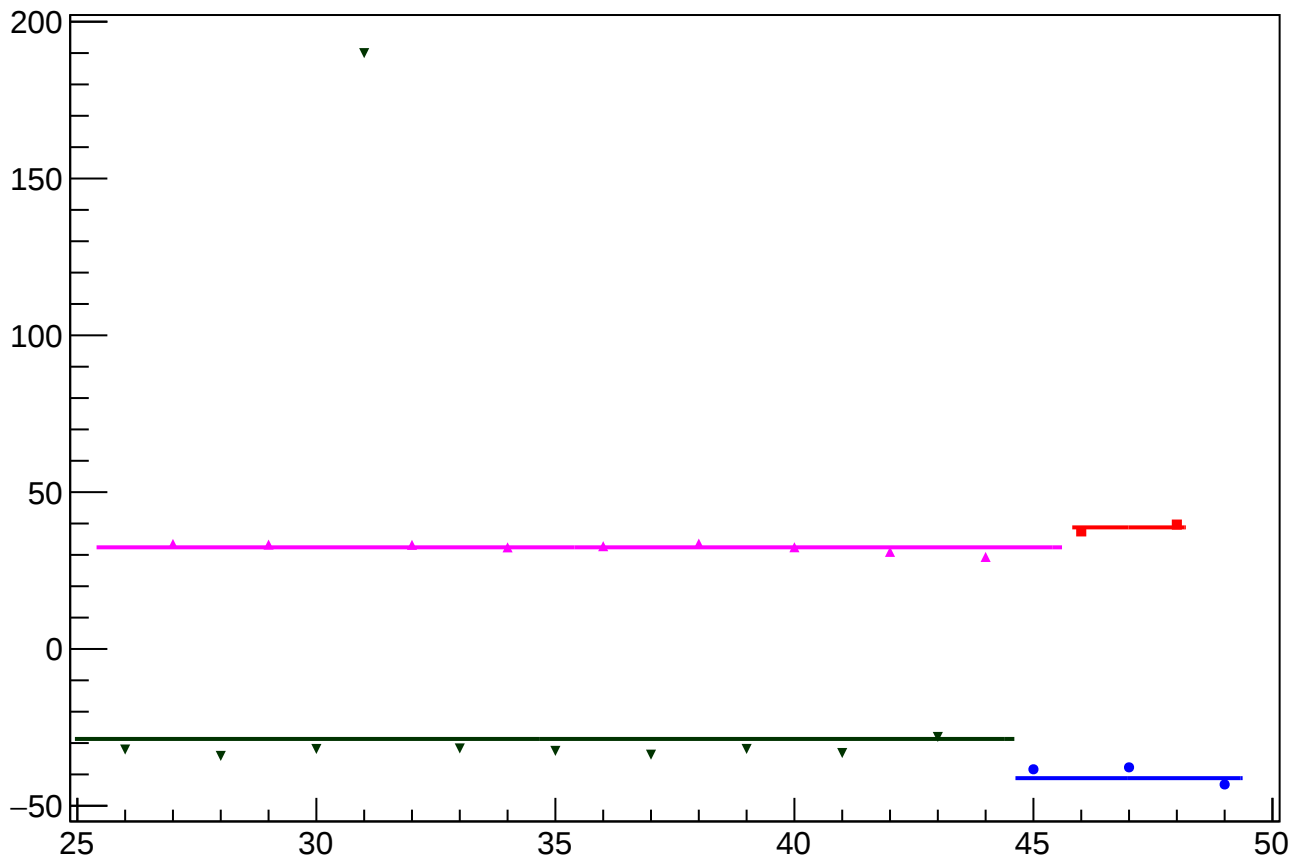
Left Out: 1.840 ± 0.325 $\chi^2/\text{NDF}: 459.7/9$

Right Out: 0.181 ± 0.694 $\chi^2/\text{NDF}: 1.9/1$

Left In: -6.199 ± 0.291 $\chi^2/\text{NDF}: 358.1/8$

-1.102 ± 0.186 $\chi^2/\text{NDF}: 1446.5/23$

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.190 ± 0.082 $\chi^2/\text{NDF}: 941.5/2$

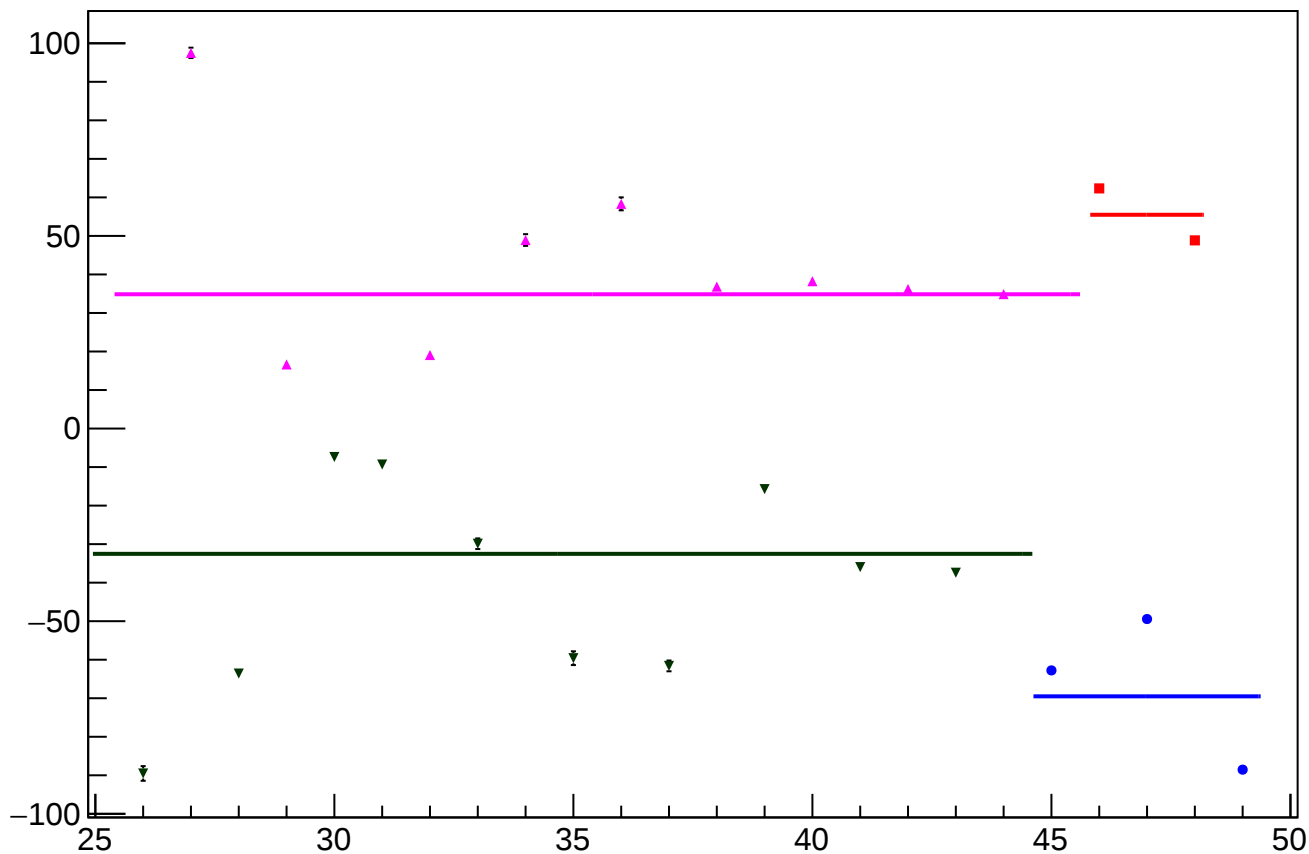
Left Out: -28.687 ± 0.059 $\chi^2/\text{NDF}: 220527.8/9$

Right Out: 38.767 ± 0.128 $\chi^2/\text{NDF}: 69.2/1$

Left In: 32.407 ± 0.060 $\chi^2/\text{NDF}: 448.5/8$

-3.826 ± 0.036 $\chi^2/\text{NDF}: 1085343.8/23$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -69.505 $\pm$ 0.535 χ^2 /NDF: 992.3/2

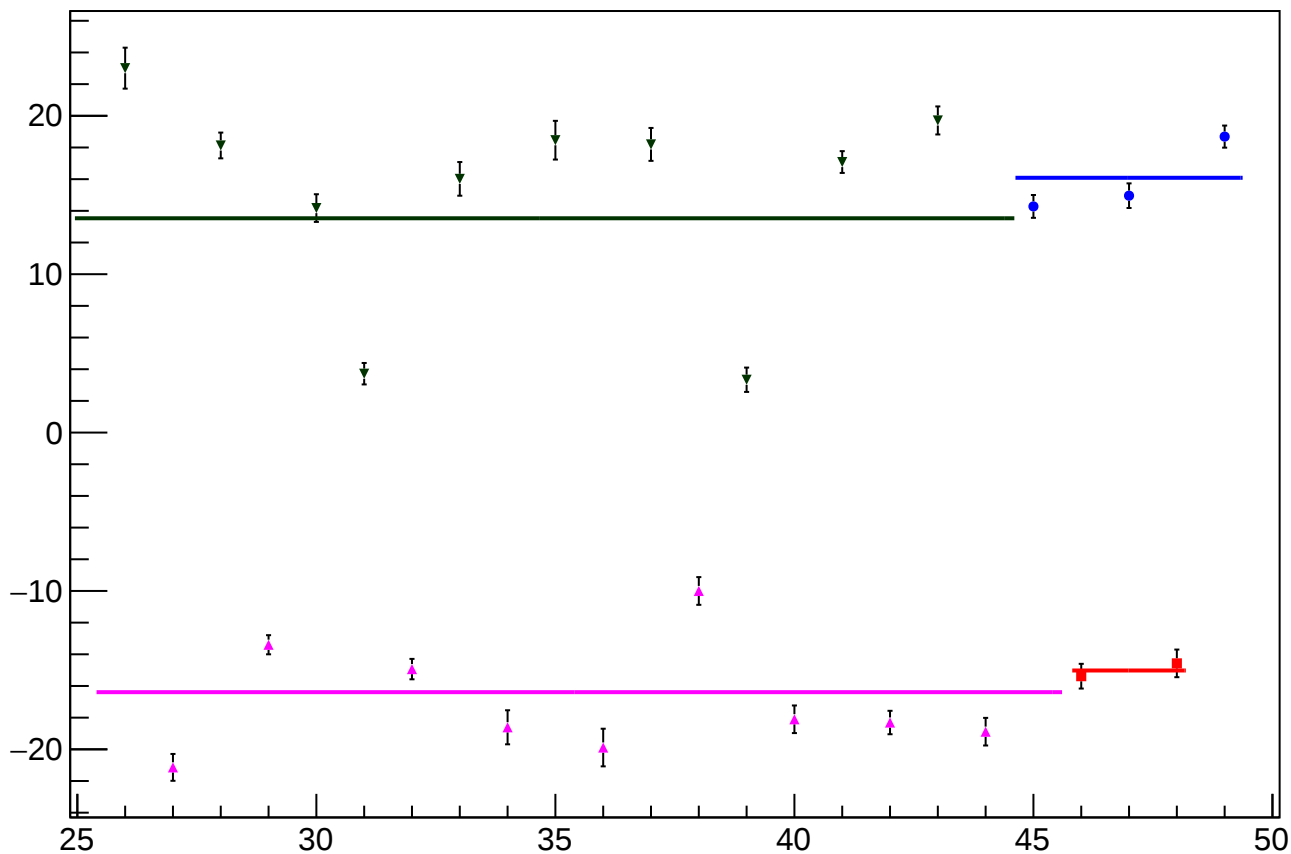
Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

Right Out: 55.489 $\pm$ 0.745 χ^2 /NDF: 81.9/1

Left In: 34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

-6.023 $\pm$ 0.220 χ^2 /NDF: 47556.7/23

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.087 ± 0.421 $\chi^2/\text{NDF}: 22.3/2$

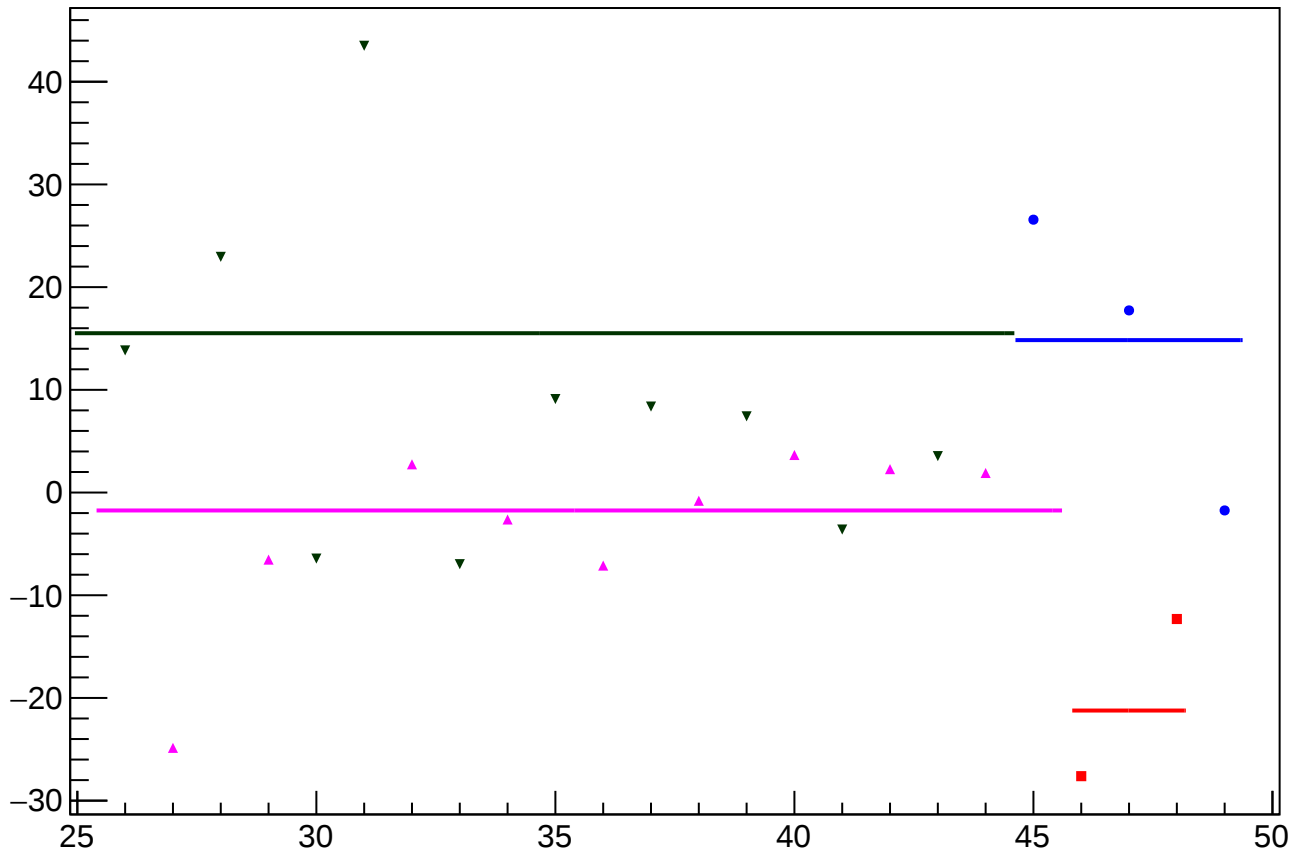
Left Out: 13.531 ± 0.276 $\chi^2/\text{NDF}: 589.5/9$

Right Out: -15.022 ± 0.582 $\chi^2/\text{NDF}: 0.5/1$

Left In: -16.391 ± 0.268 $\chi^2/\text{NDF}: 146.0/8$

-0.088 ± 0.168 $\chi^2/\text{NDF}: 9022.6/23$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 14.842 $\pm$ 0.095 χ^2 /NDF: 15111.4/2

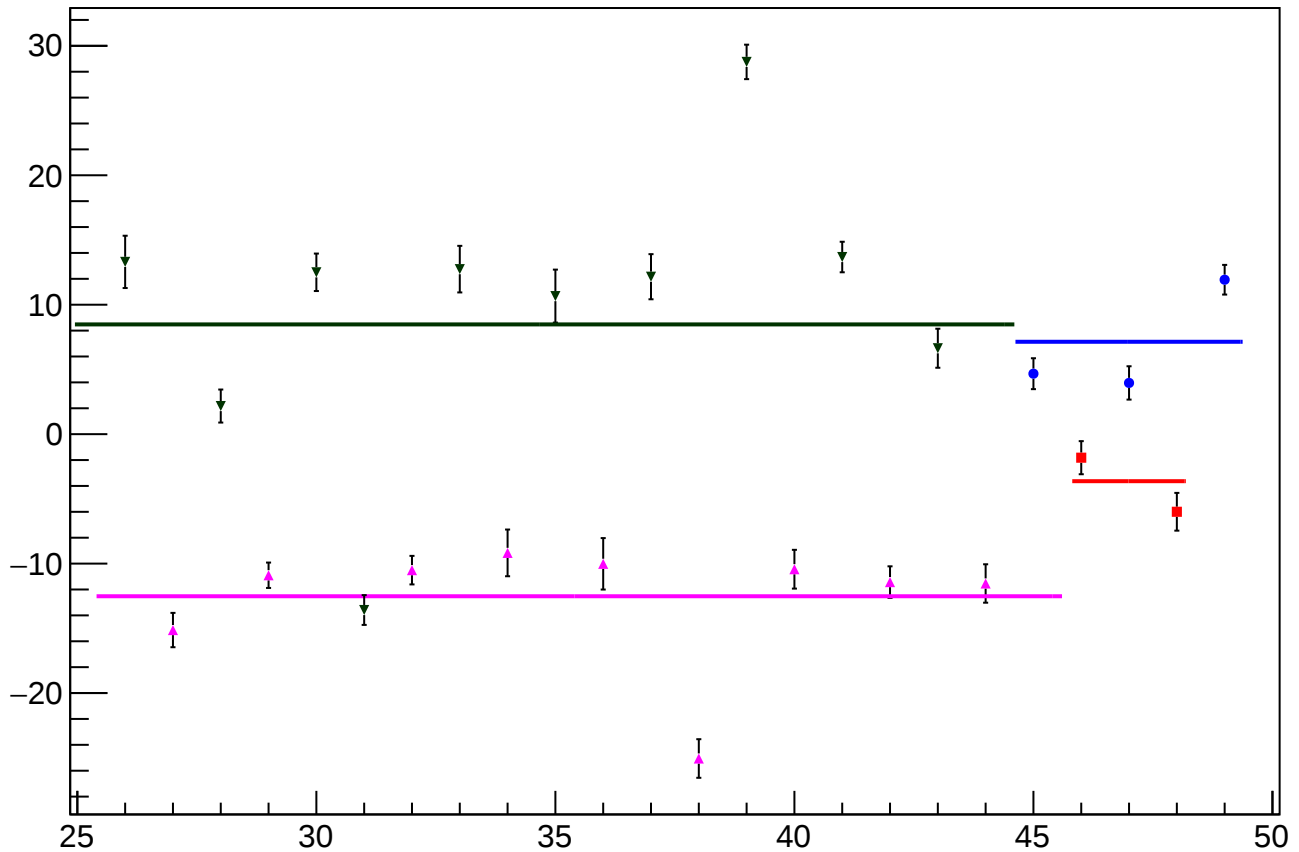
Left Out: 15.514 $\pm$ 0.057 χ^2 /NDF: 116500.8/9

5.990 $\pm$ 0.037 χ^2 /NDF: 251948.9/23

Right Out: -21.226 $\pm$ 0.121 χ^2 /NDF: 3870.1/1

Left In: -1.745 $\pm$ 0.061 χ^2 /NDF: 13830.4/8

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 7.137 ± 0.696 $\chi^2/\text{NDF}: 27.8/2$

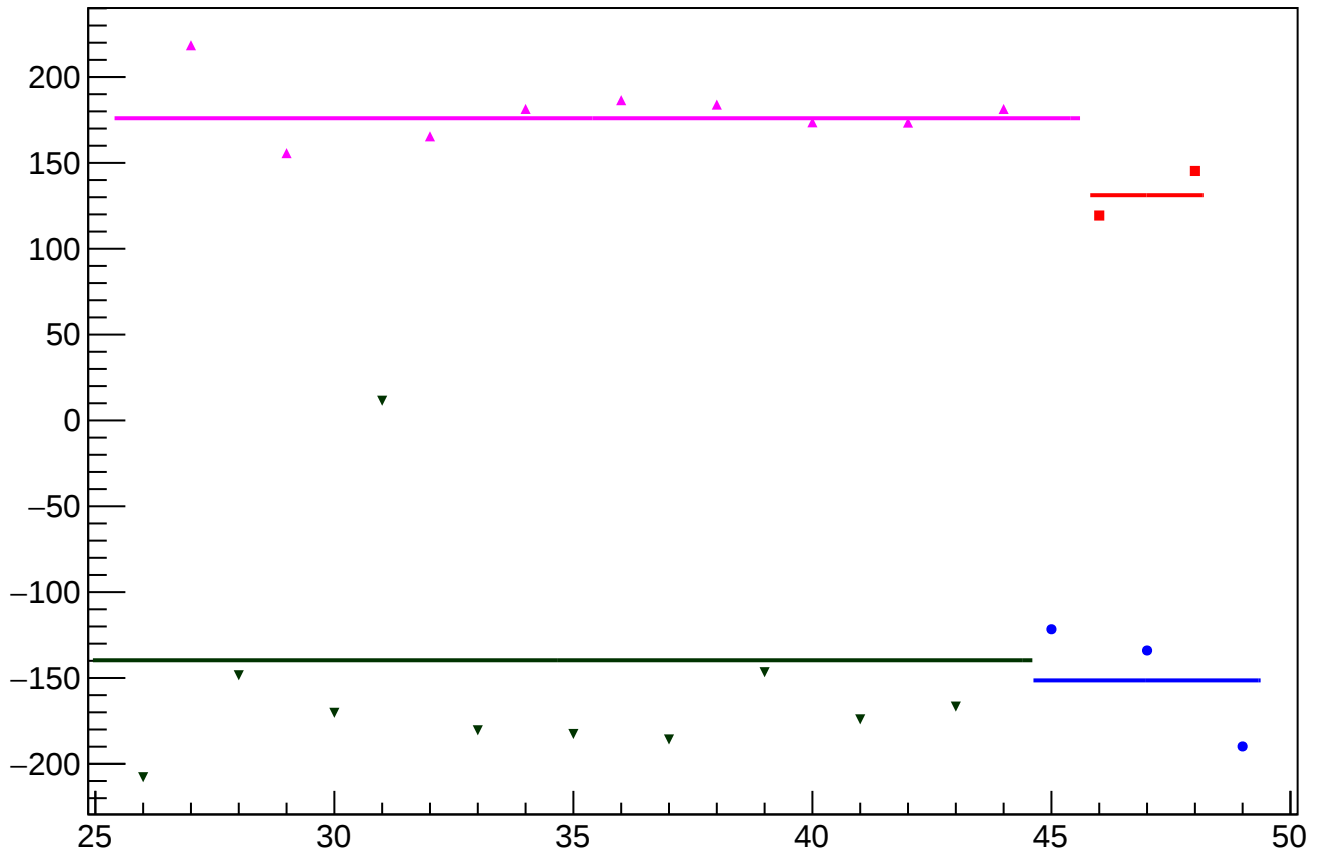
Left Out: 8.478 ± 0.462 $\chi^2/\text{NDF}: 669.8/9$

Right Out: -3.633 ± 0.961 $\chi^2/\text{NDF}: 4.6/1$

Left In: -12.522 ± 0.447 $\chi^2/\text{NDF}: 88.8/8$

-0.948 ± 0.279 $\chi^2/\text{NDF}: 2022.5/23$

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -151.403+/-0.136 χ^2/NDF : 51225.3/2

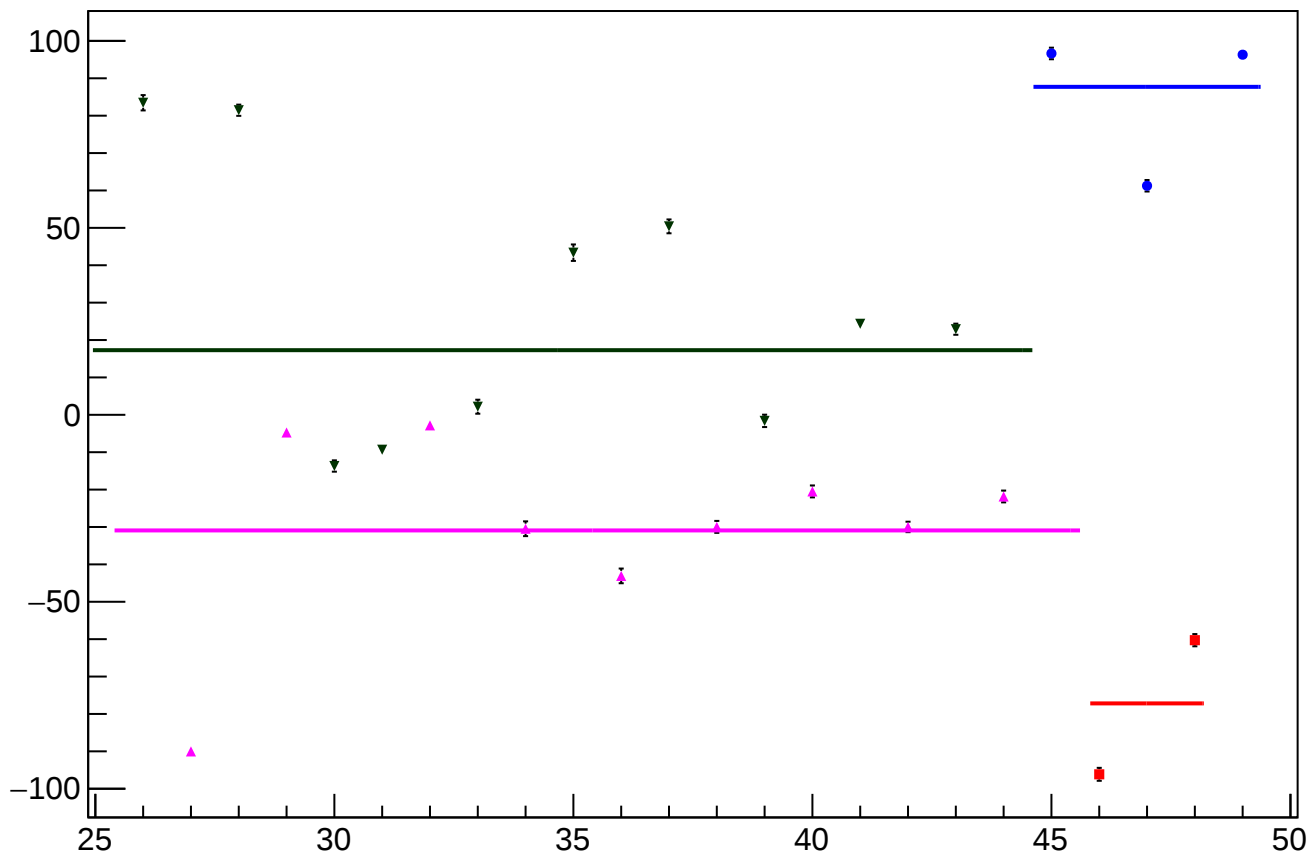
Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

Right Out: 131.181+/-0.185 χ^2/NDF : 4876.7/1

Left In: 176.005+/-0.093 χ^2/NDF : 29134.4/8

-9.453+/-0.054 χ^2/NDF : 8762107.9/23

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 87.715 $\pm$ 0.767 χ^2 /NDF: 391.8/2

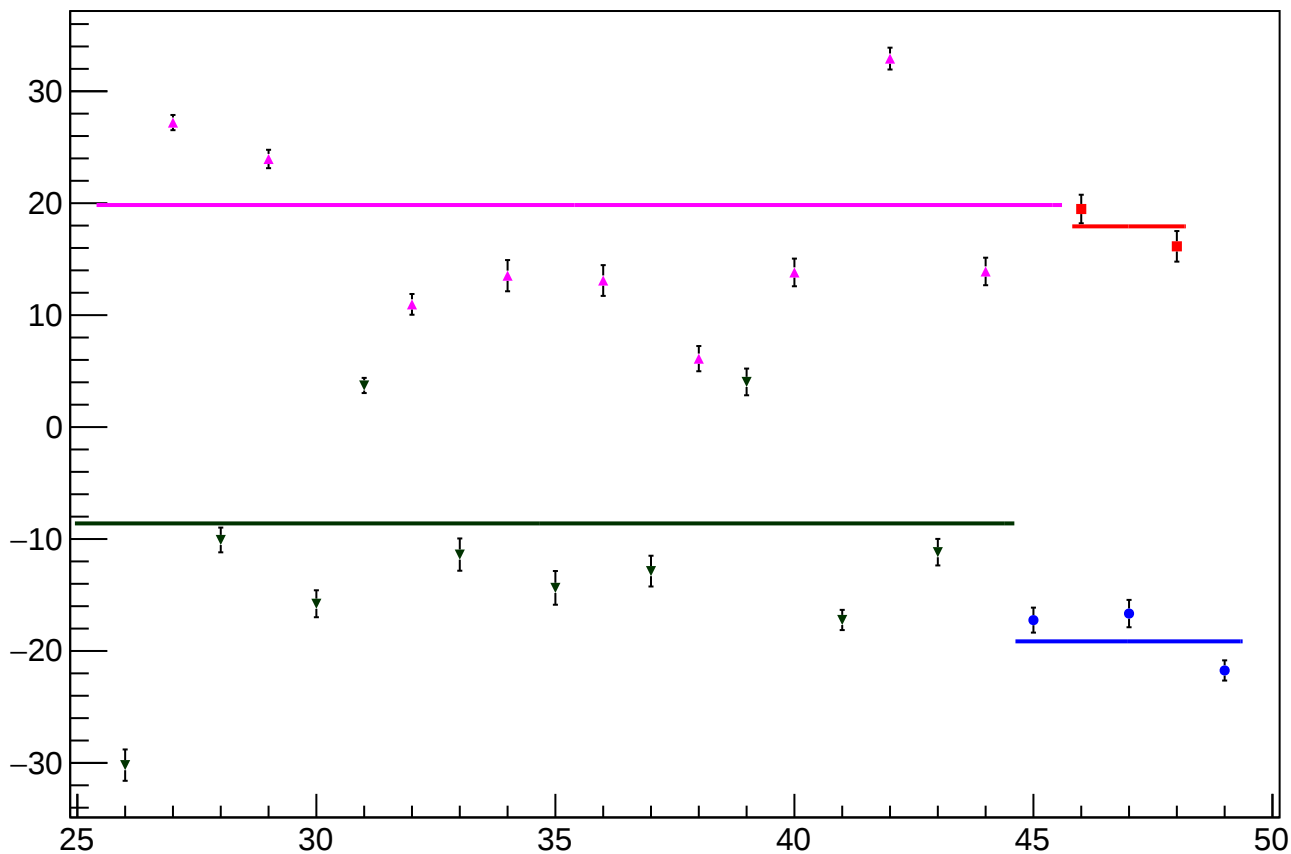
Left Out: 17.287 $\pm$ 0.451 χ^2 /NDF: 5099.2/9

2.945 $\pm$ 0.289 χ^2 /NDF: 33085.3/23

Right Out: -77.180 $\pm$ 1.190 χ^2 /NDF: 226.6/1

Left In: -30.920 $\pm$ 0.463 χ^2 /NDF: 4232.7/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.141 ± 0.609 $\chi^2/\text{NDF}: 15.3/2$

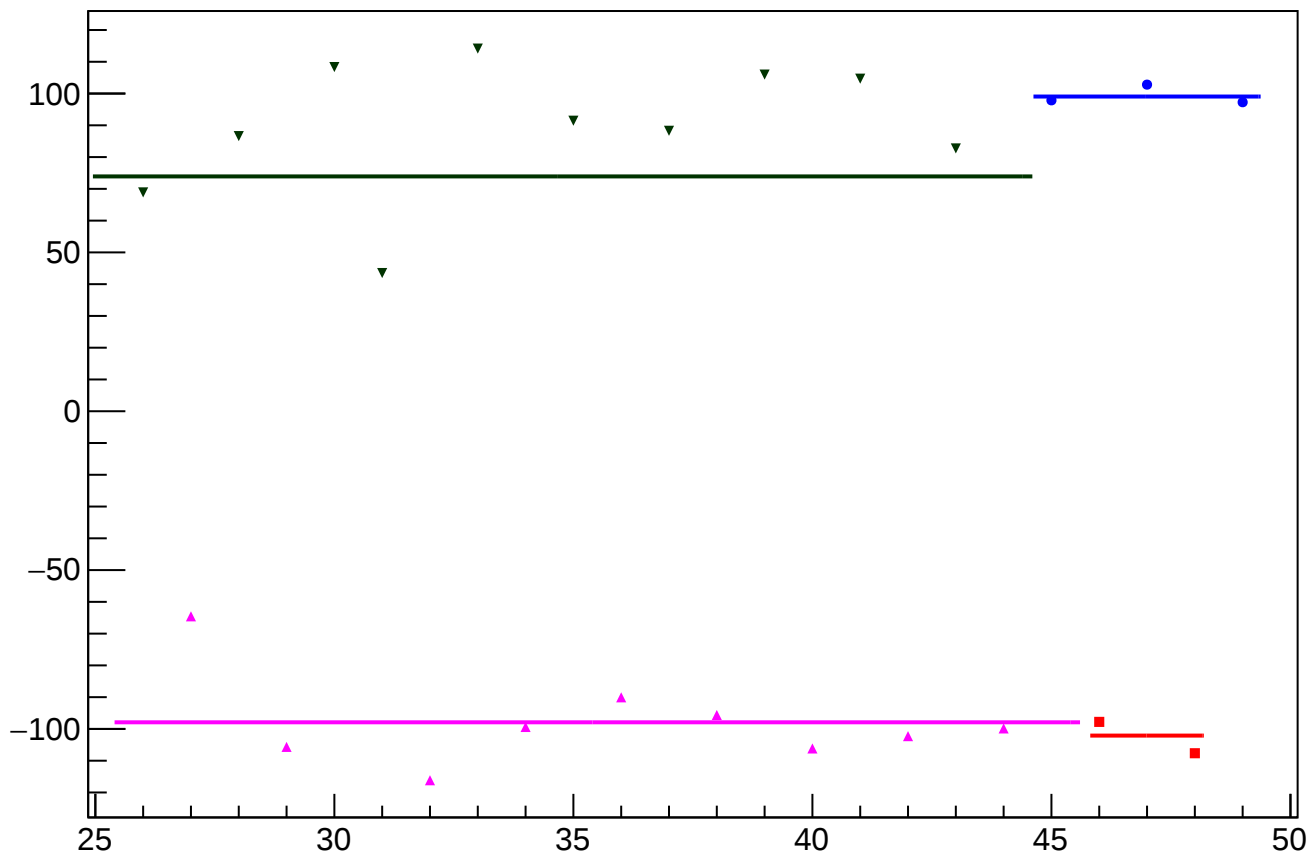
Left Out: -8.606 ± 0.347 $\chi^2/\text{NDF}: 842.3/9$

Right Out: 17.930 ± 0.932 $\chi^2/\text{NDF}: 3.2/1$

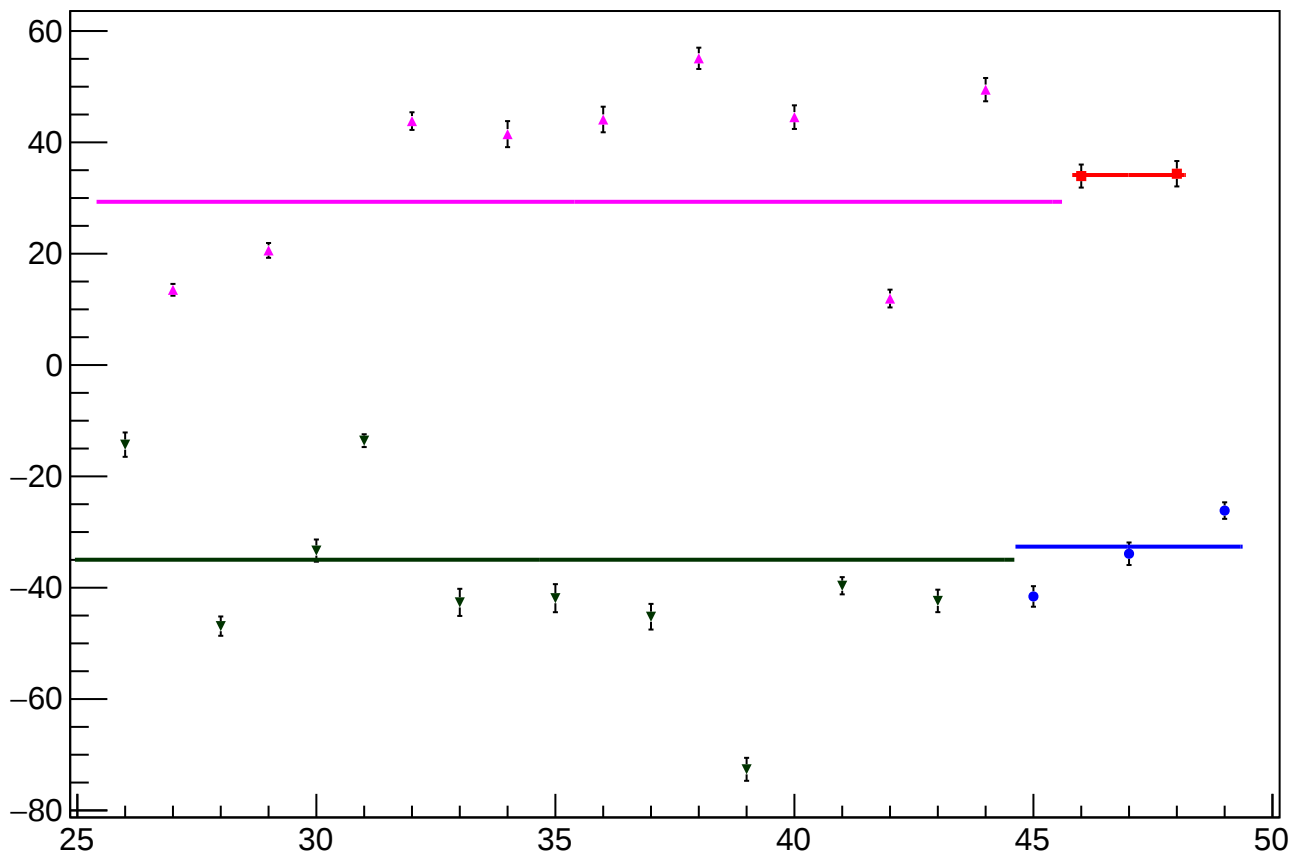
Left In: 19.837 ± 0.333 $\chi^2/\text{NDF}: 654.2/8$

3.610 ± 0.217 $\chi^2/\text{NDF}: 6758.8/23$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -32.622 ± 1.005 χ^2/NDF : 42.9/2

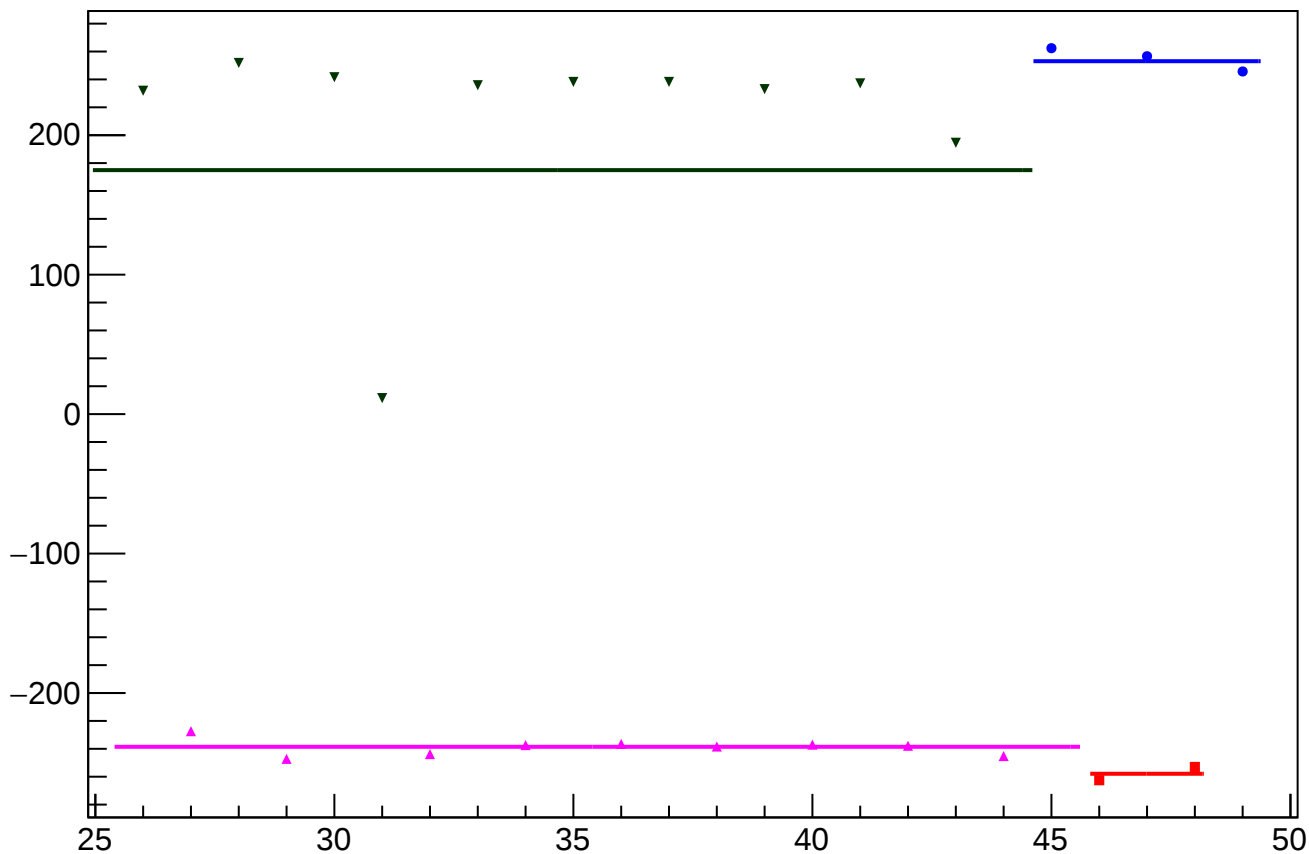
Left Out: -34.973 ± 0.581 χ^2/NDF : 875.4/9

Right Out: 34.134 ± 1.534 χ^2/NDF : 0.0/1

Left In: 29.322 ± 0.547 χ^2/NDF : 861.1/8

-3.033 ± 0.360 χ^2/NDF : 9749.7/23

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 253.064 $\pm$ 0.195 χ^2 /NDF: 1398.0/2

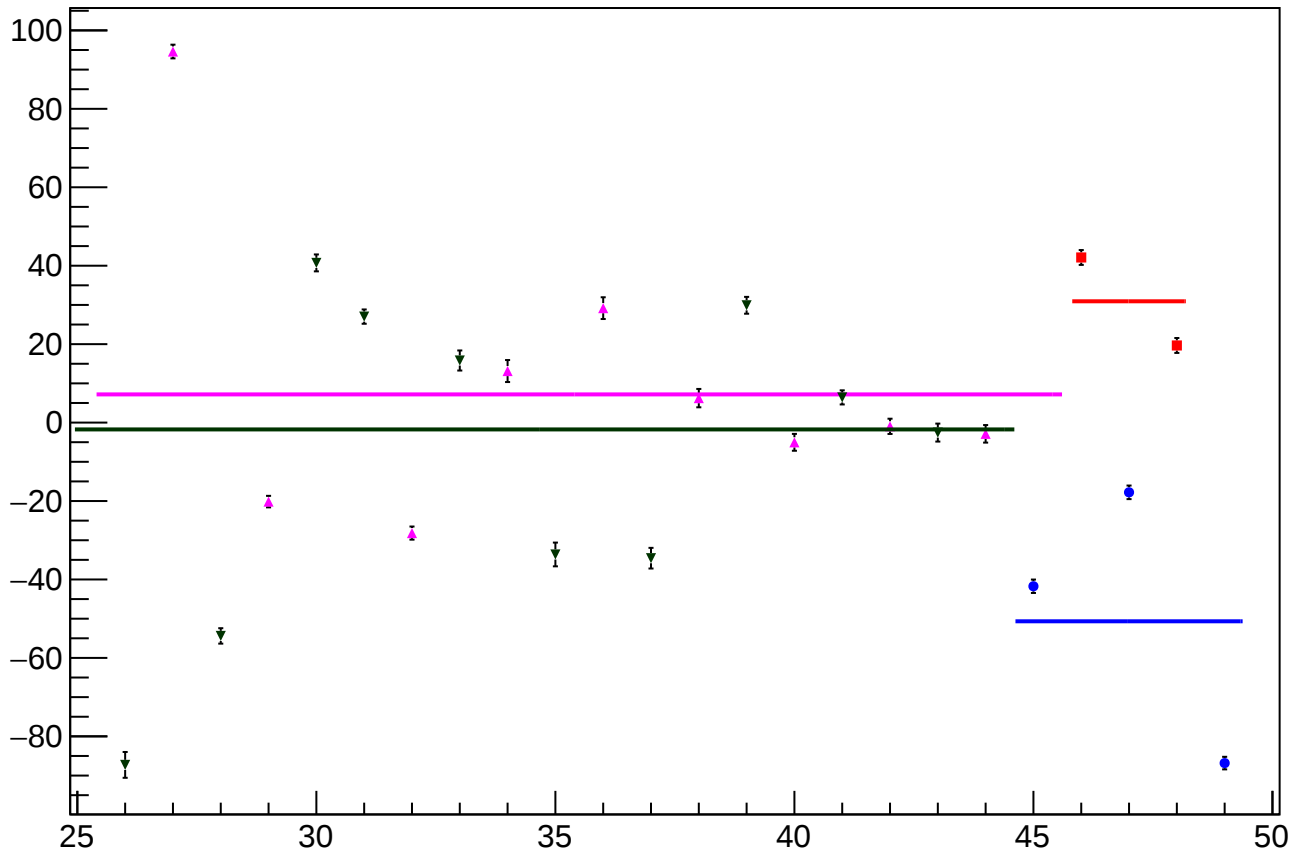
Left Out: 174.958 $\pm$ 0.106 χ^2 /NDF: 866358.0/9

Right Out: -257.888 $\pm$ 0.293 χ^2 /NDF: 265.6/1

Left In: -238.557 $\pm$ 0.118 χ^2 /NDF: 3005.9/8

9.672 $\pm$ 0.071 χ^2 /NDF: 10124851.2/23

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -50.664 ± 0.969 χ^2/NDF : 896.2/2

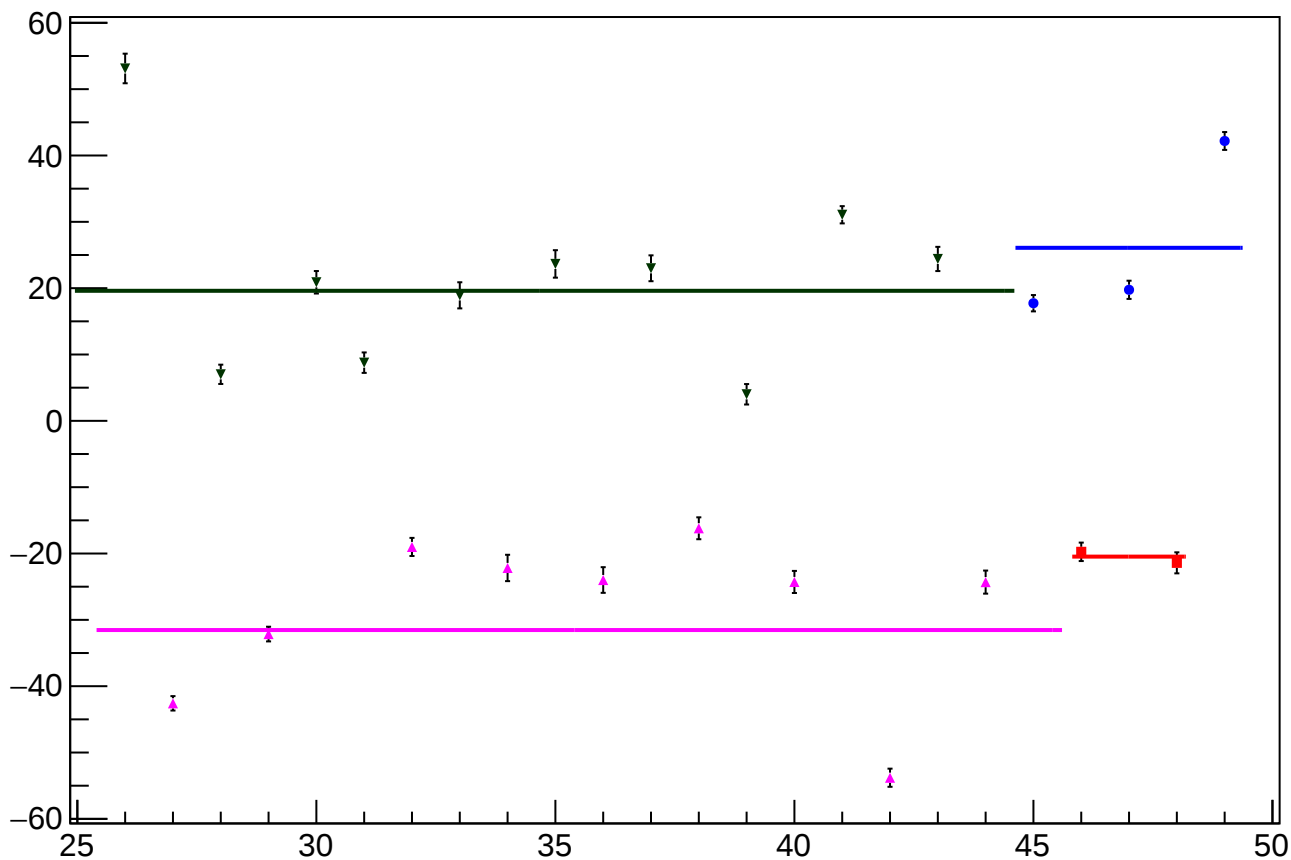
Left Out: -1.743 ± 0.709 χ^2/NDF : 2580.4/9

-4.074 ± 0.413 χ^2/NDF : 10271.1/23

Right Out: 30.927 ± 1.342 χ^2/NDF : 69.8/1

Left In: 7.188 ± 0.664 χ^2/NDF : 3435.5/8

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 26.084+/-0.757 χ^2/NDF : 210.4/2

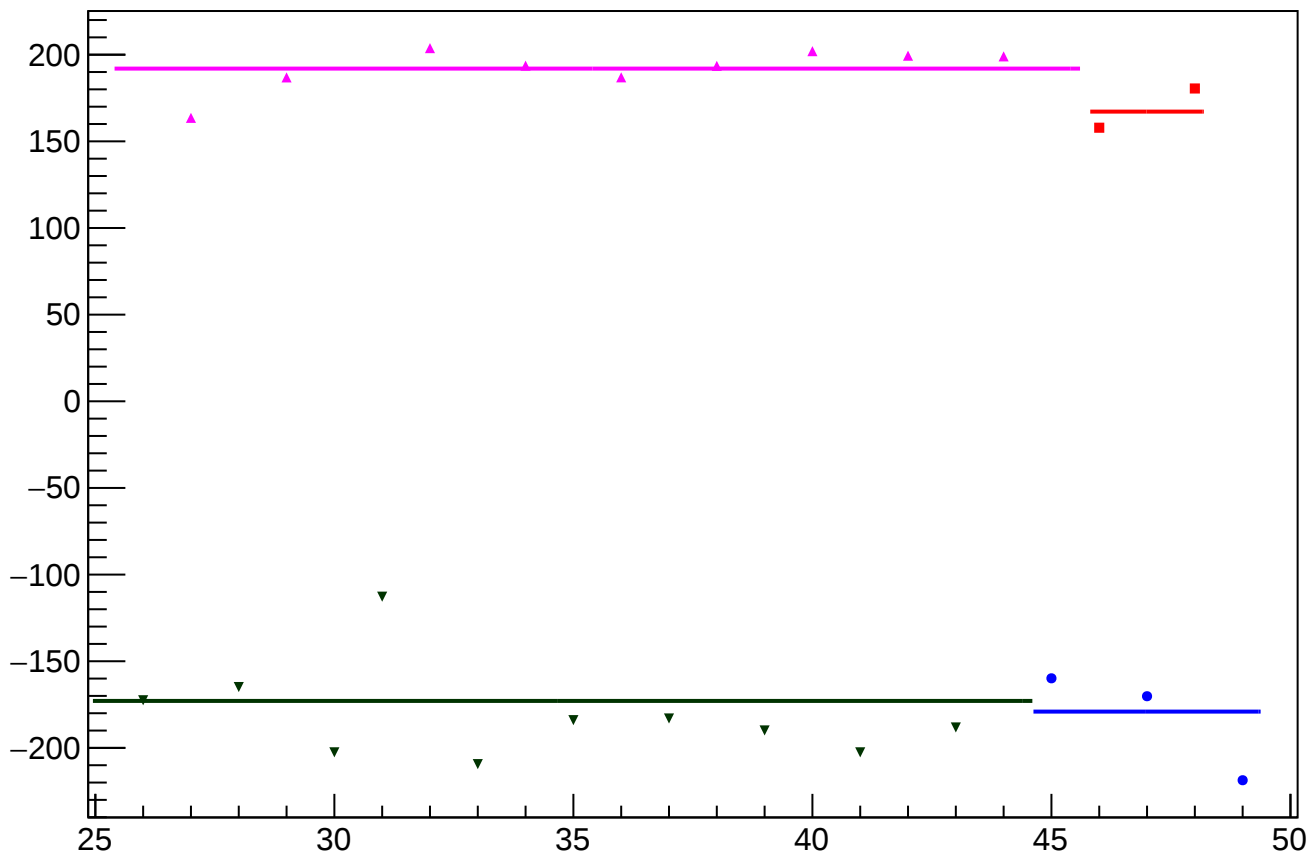
Left Out: 19.603+/-0.534 χ^2/NDF : 544.7/9

Right Out: -20.466+/-1.046 χ^2/NDF : 0.6/1

Left In: -31.535+/-0.482 χ^2/NDF : 612.9/8

-3.861+/-0.309 χ^2/NDF : 8419.2/23

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -179.057+/-0.170 χ^2/NDF : 20288.1/2

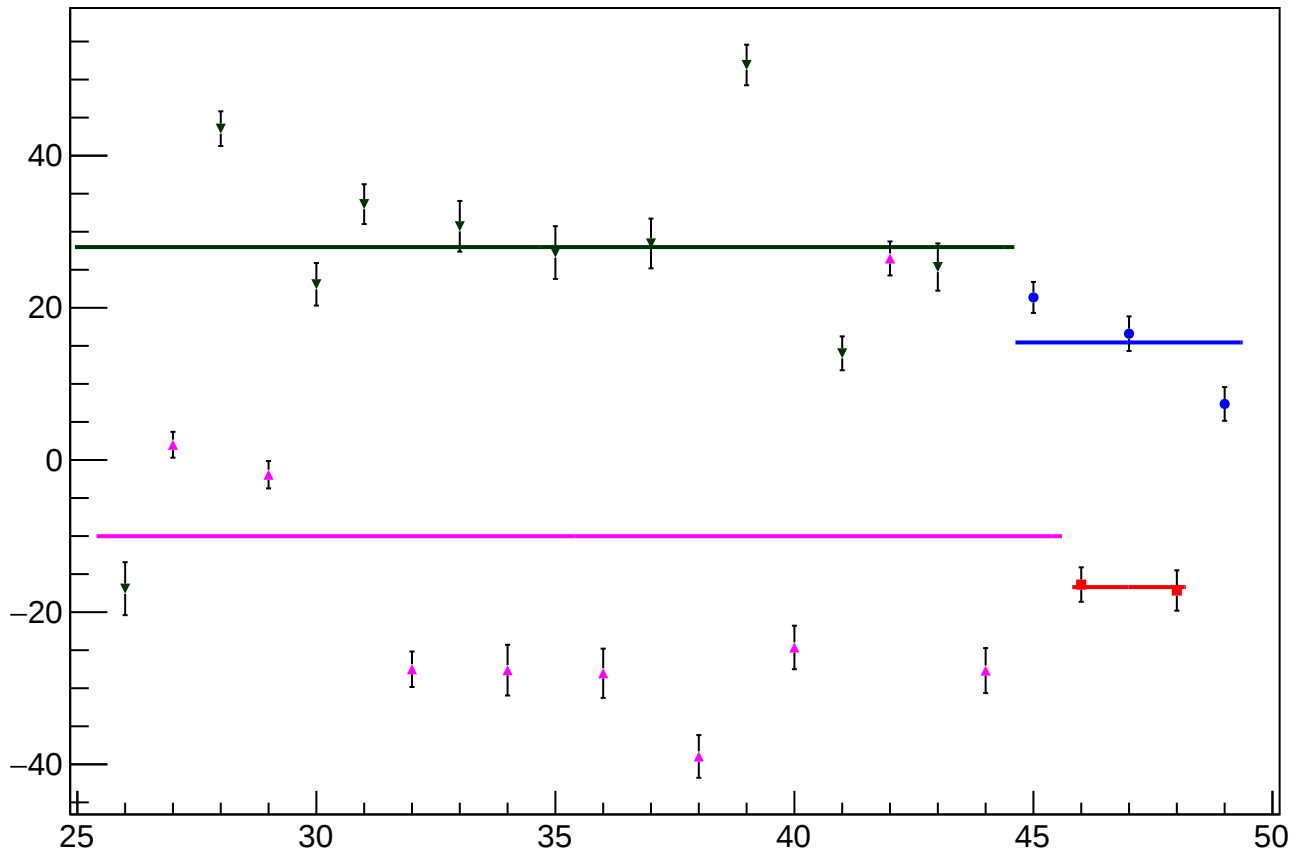
Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

Right Out: 167.157+/-0.219 χ^2/NDF : 2595.9/1

Left In: 191.976+/-0.115 χ^2/NDF : 12393.0/8

-6.326+/-0.069 χ^2/NDF : 6912155.9/23

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 15.448 $\pm$ 1.252 χ^2/NDF : 22.0/2

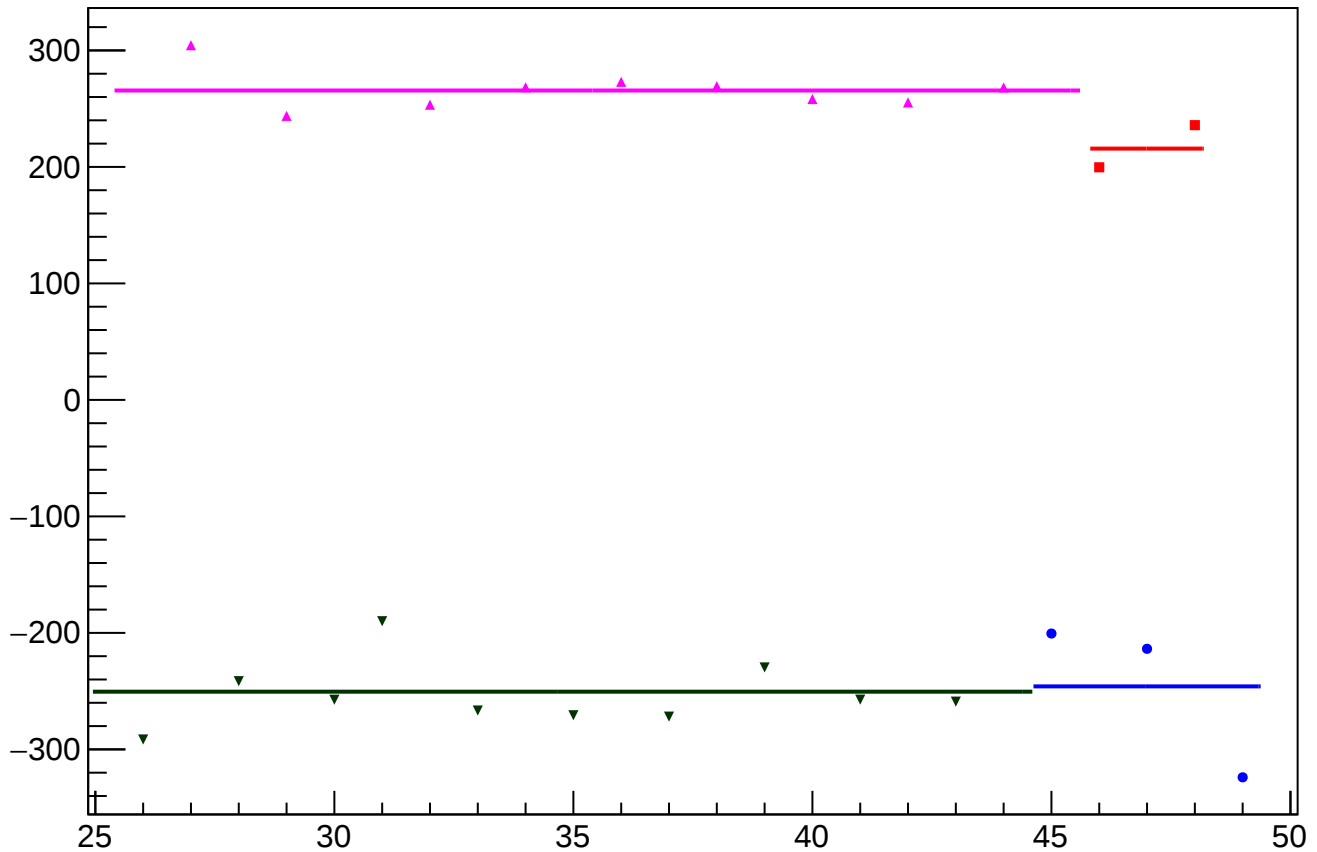
Left Out: 27.983 $\pm$ 0.890 χ^2/NDF : 341.9/9

Right Out: -16.703 $\pm$ 1.723 χ^2/NDF : 0.0/1

Left In: -10.018 $\pm$ 0.793 χ^2/NDF : 620.8/8

6.168 $\pm$ 0.511 χ^2/NDF : 2232.6/23

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -245.919+/-0.244 χ^2/NDF : 52019.7/2

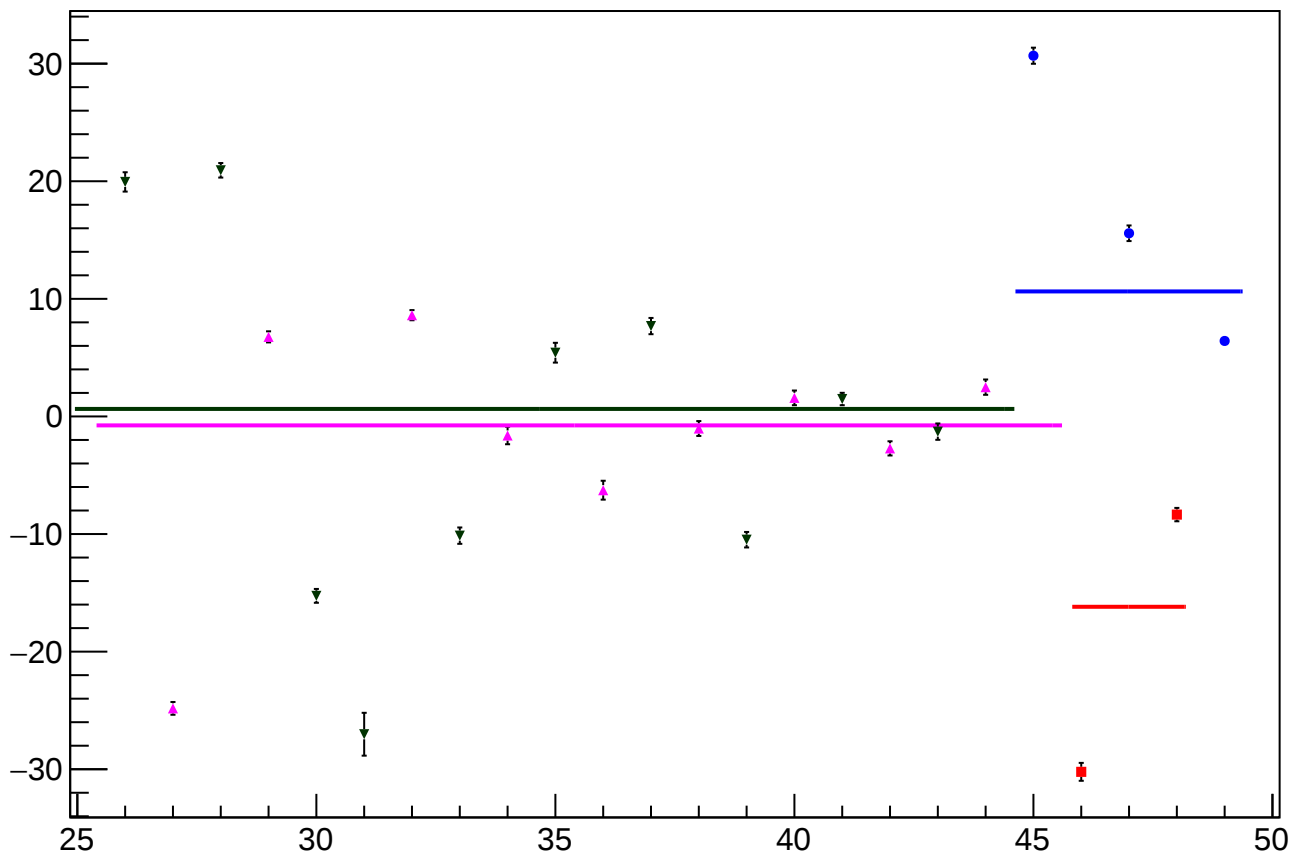
Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

Right Out: 215.723+/-0.333 χ^2/NDF : 2916.8/1

Left In: 265.603+/-0.168 χ^2/NDF : 12152.3/8

-21.375+/-0.101 χ^2/NDF : 6321595.3/23

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 10.631 ± 0.241 χ^2/NDF : 1140.0/2

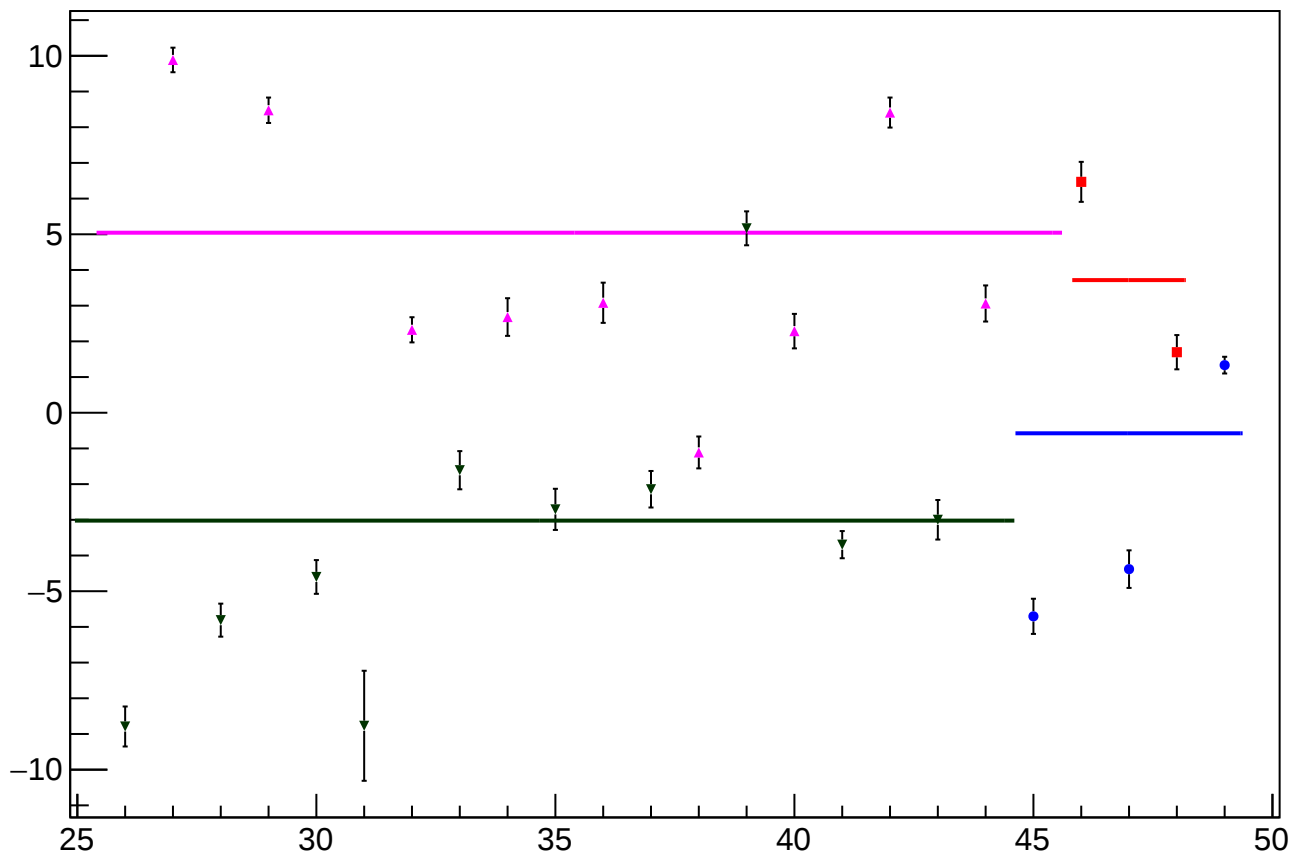
Left Out: 0.639 ± 0.219 χ^2/NDF : 3258.0/9

Right Out: -16.186 ± 0.456 χ^2/NDF : 529.3/1

Left In: -0.761 ± 0.193 χ^2/NDF : 2789.0/8

1.410 ± 0.120 χ^2/NDF : 10808.3/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -0.576 ± 0.196 $\chi^2/\text{NDF}: 227.2/2$

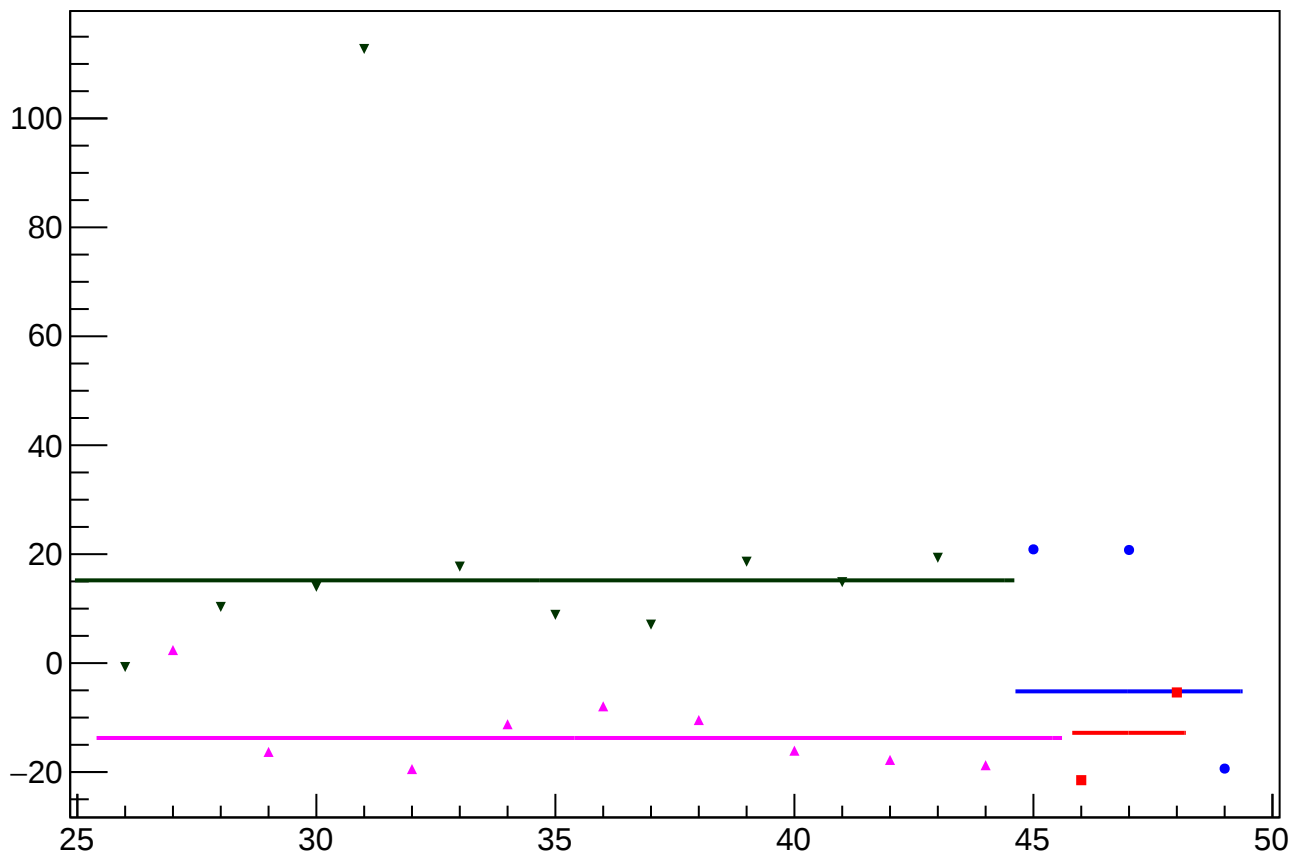
Left Out: -3.022 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

Right Out: 3.716 ± 0.365 $\chi^2/\text{NDF}: 41.8/1$

Left In: 5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

1.249 ± 0.091 $\chi^2/\text{NDF}: 2969.9/23$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -5.188+/-0.046 χ^2/NDF : 173025.4/2

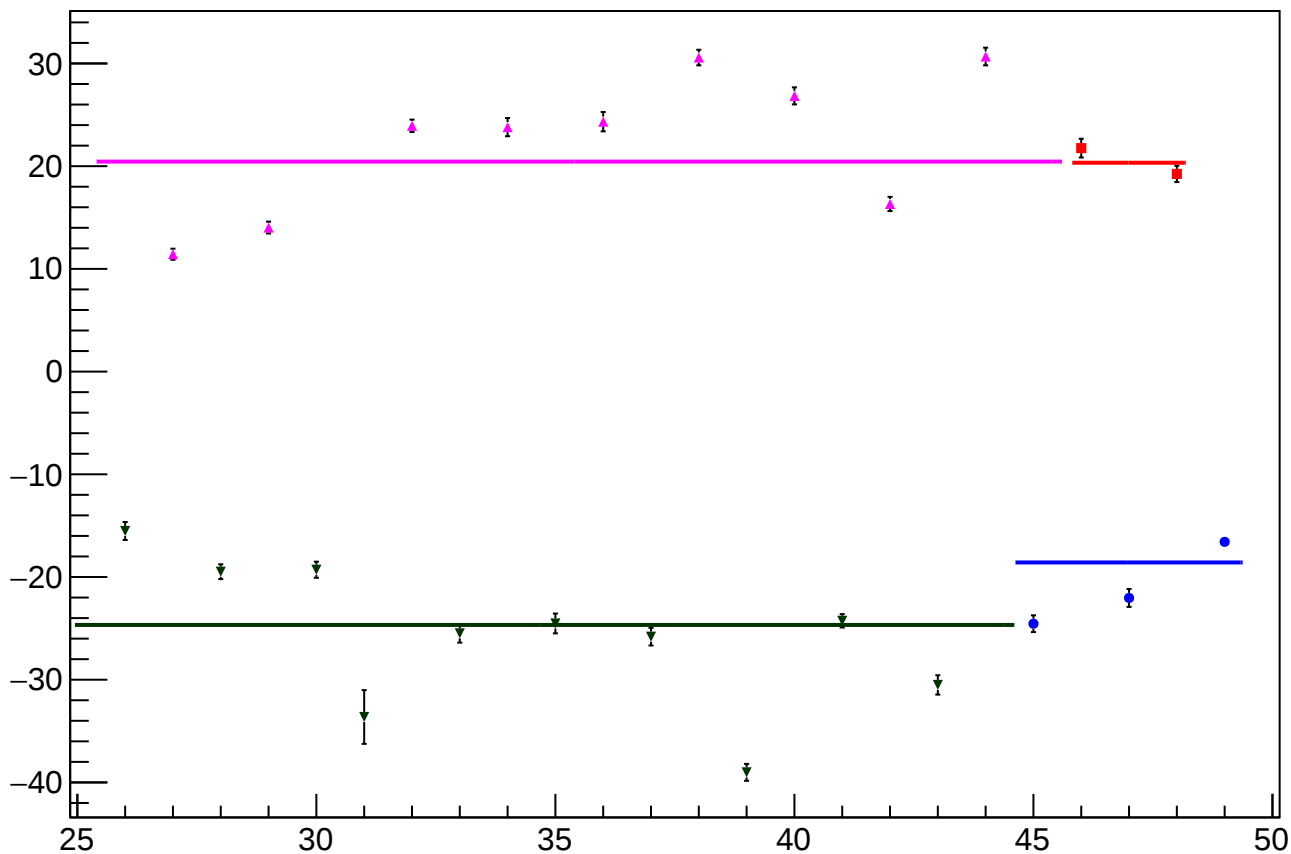
Left Out: 15.193+/-0.036 χ^2/NDF :187459.6/9

-2.475+/-0.021 χ^2/NDF : 793925.3/23

Right Out: -12.801+/-0.078 χ^2/NDF : 10695.1/1

Left In: -13.747+/-0.033 χ^2/NDF :44234.8/8

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.583 ± 0.324 χ^2/NDF : 96.3/2

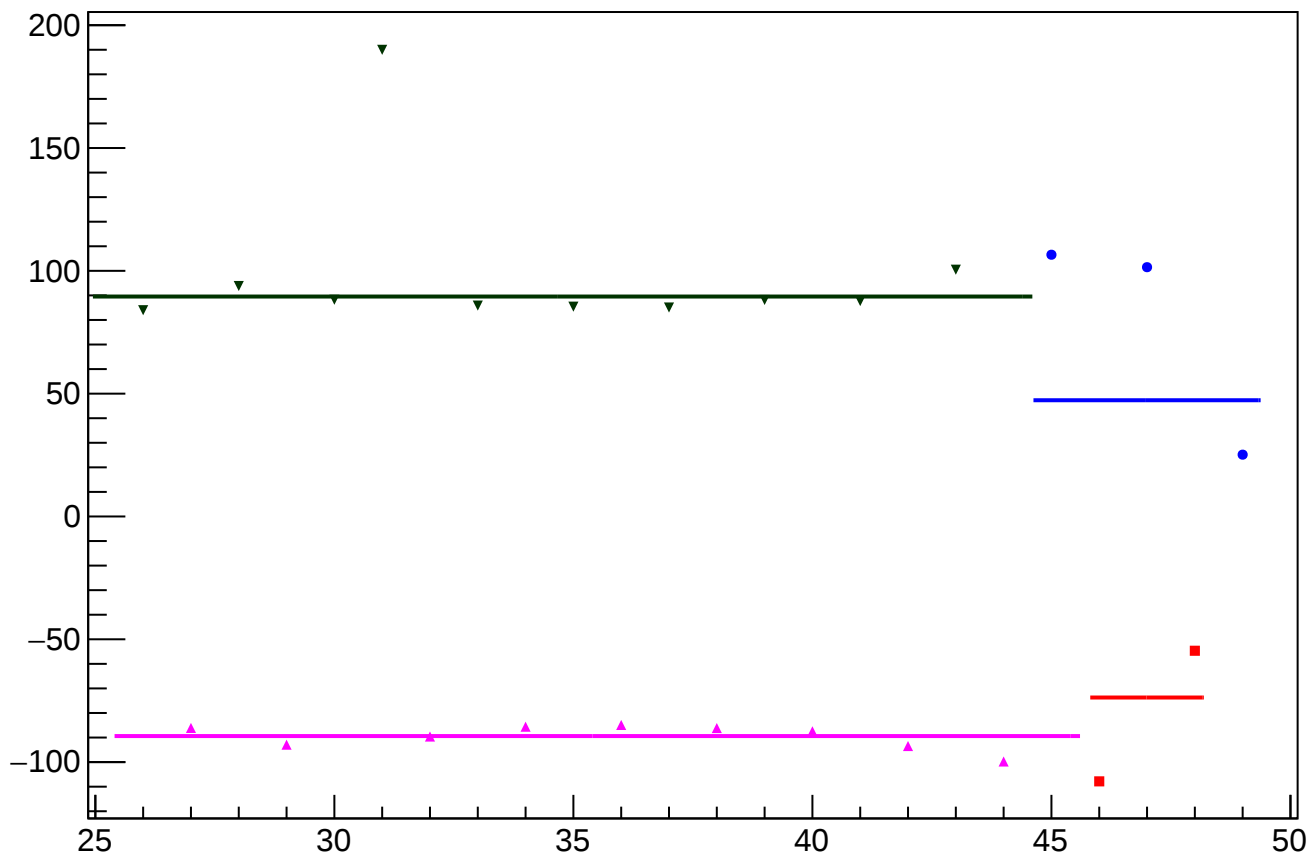
Left Out: -24.666 ± 0.271 χ^2/NDF : 565.7/9

Right Out: 20.336 ± 0.601 χ^2/NDF : 4.3/1

Left In: 20.445 ± 0.234 χ^2/NDF : 882.4/8

-1.905 ± 0.151 χ^2/NDF : 21718.3/23

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 47.318±/0.062 χ^2 /NDF: 327196.2/2

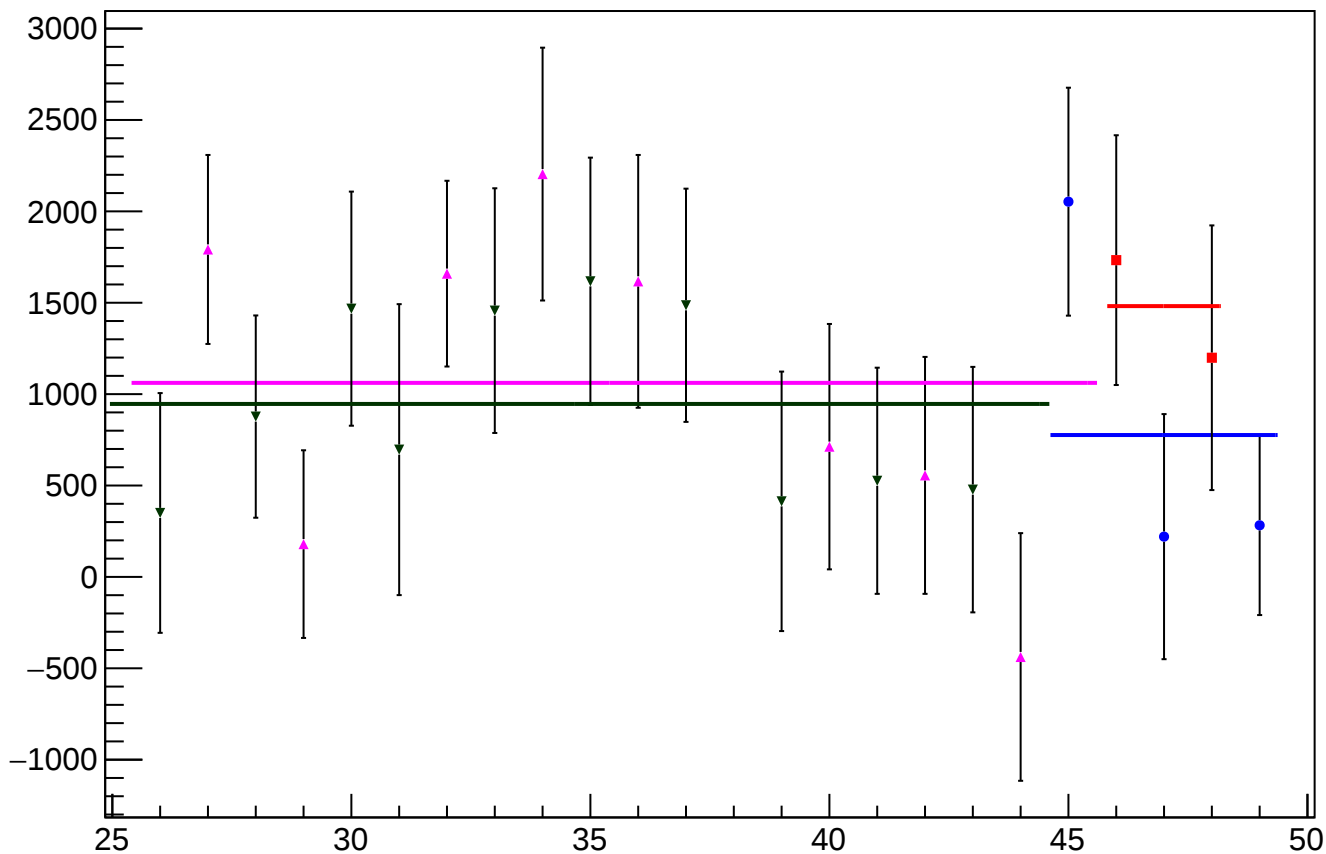
Left Out: 89.539±/0.050 χ^2 /NDF: 54620.6/9

Right Out: -73.704±/0.107 χ^2 /NDF: 56285.5/1

Left In: -89.397±/0.049 χ^2 /NDF: 7803.1/8

4.336±/0.029 χ^2 /NDF: 8073039.4/23

reg_asym_atl1_mean vs slug



Right In: 776.253 $\pm$ 334.424 χ^2 /NDF: 5.9/2

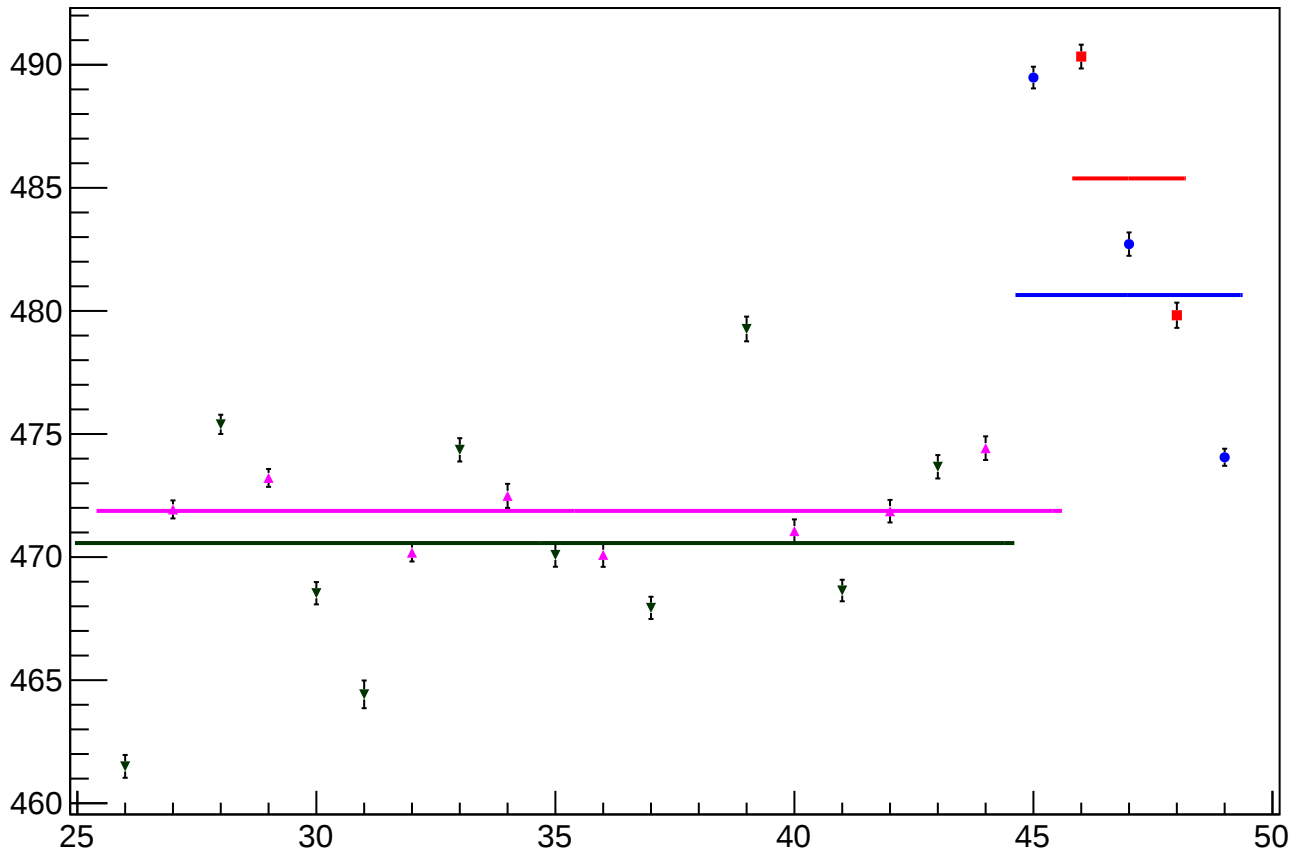
Left Out: 946.340 $\pm$ 207.194 χ^2 /NDF: 5.4/9

Right Out: 1481.575 $\pm$ 496.921 χ^2 /NDF: 0.3/1

Left In: 1061.666 $\pm$ 211.442 χ^2 /NDF: 15.5/7

1001.347 $\pm$ 130.574 χ^2 /NDF: 28.6/22

reg_asym_atl1_rms vs slug



Right In: 480.646 ± 0.236 χ^2/NDF : 780.7/2

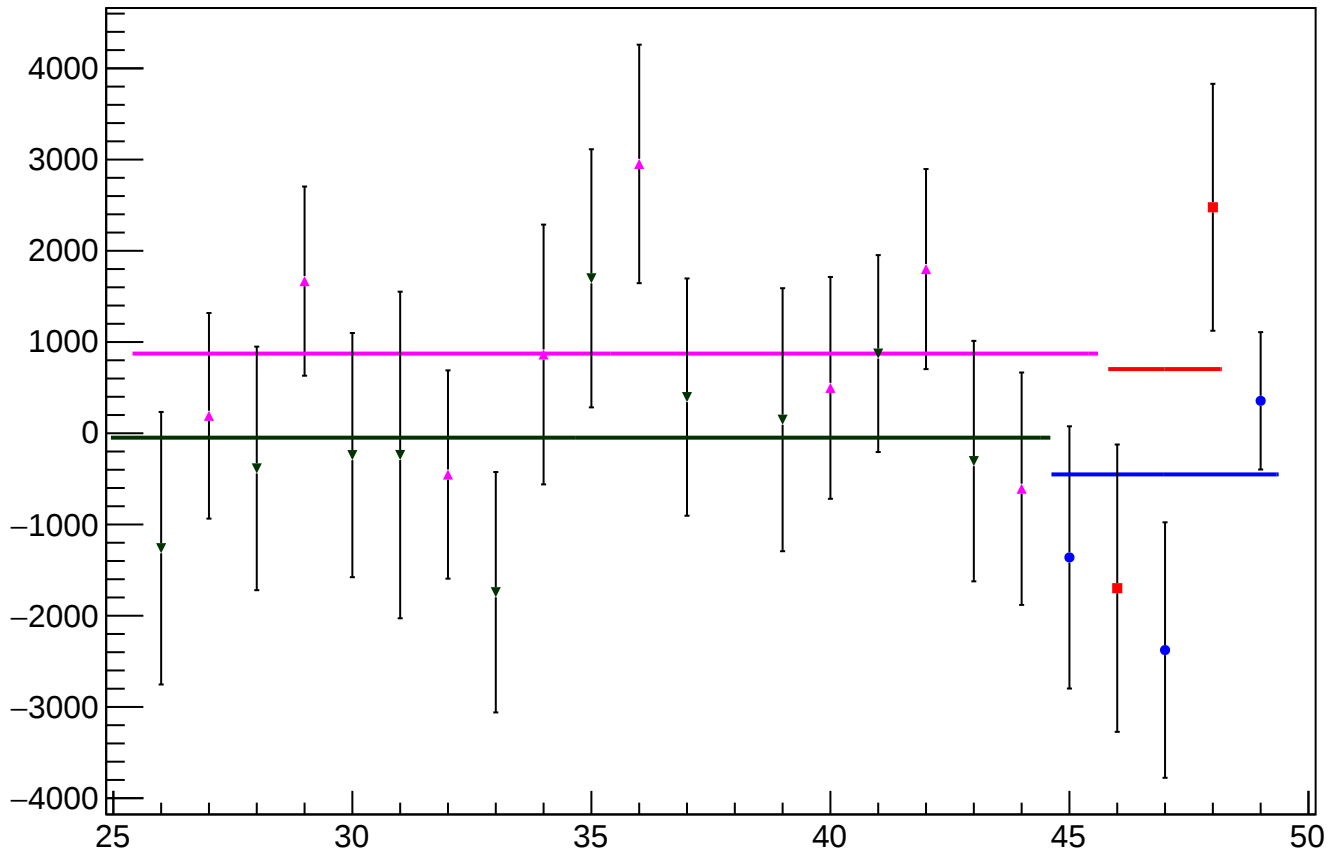
Left Out: 470.570 ± 0.147 χ^2/NDF : 1135.4/9

Right Out: 485.383 ± 0.351 χ^2/NDF : 222.9/1

Left In: 471.876 ± 0.150 χ^2/NDF : 82.1/7

473.627 ± 0.092 χ^2/NDF : 4794.1/22

asym_atl1_correction_mean vs slug



Right In: -451.023+/-602.178 χ^2/NDF : 3.4/2

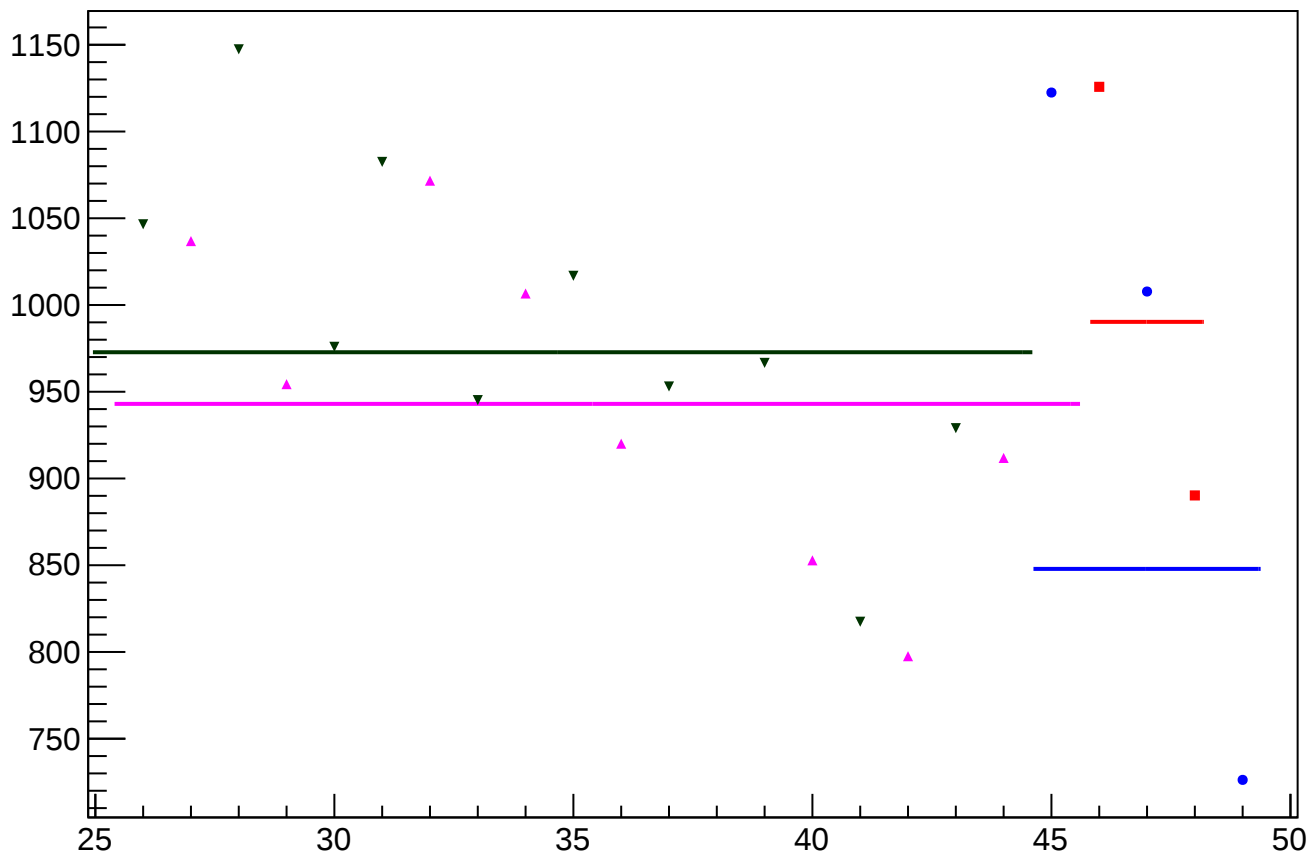
Left Out: -48.293+/-427.890 χ^2/NDF : 4.8/9

277.855+/-259.442 χ^2/NDF : 23.5/22

Right Out: 703.483+/-1026.437 χ^2/NDF : 4.0/1

Left In: 873.395+/-419.297 χ^2/NDF : 7.0/7

asym_atl1_correction_rms vs slug



Right In: 847.885 $\pm$ 0.426 χ^2 /NDF: 151241.8/2

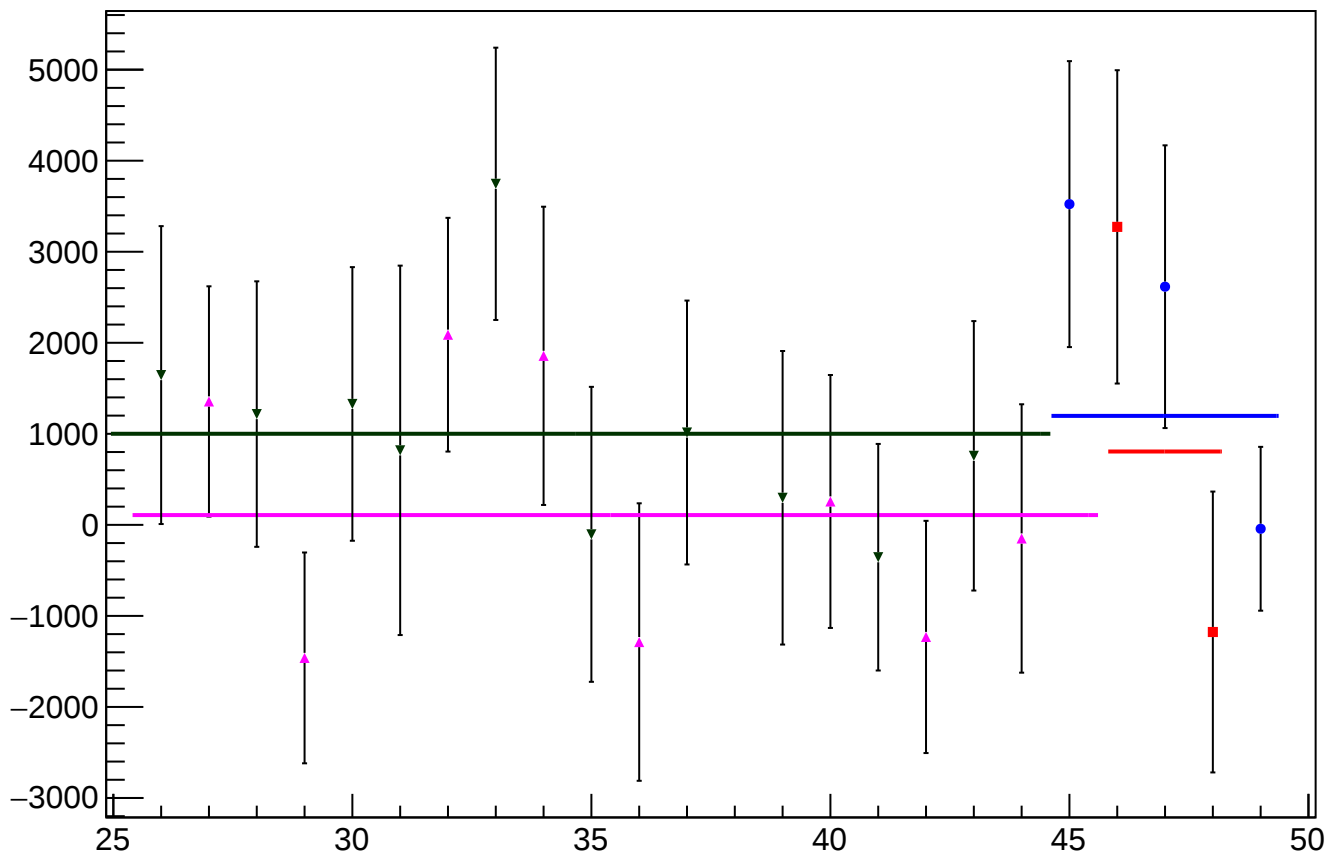
Left Out: 972.778 $\pm$ 0.303 χ^2 /NDF: 93572.5/9

Right Out: 990.283 $\pm$ 0.726 χ^2 /NDF: 25732.0/1

Left In: 943.004 $\pm$ 0.296 χ^2 /NDF: 91510.1/7

939.314 $\pm$ 0.183 χ^2 /NDF: 425479.9/22

asym_atl1_mean vs slug



Right In: 1197.031 $\pm$ 697.535 χ^2 /NDF: 4.9/2

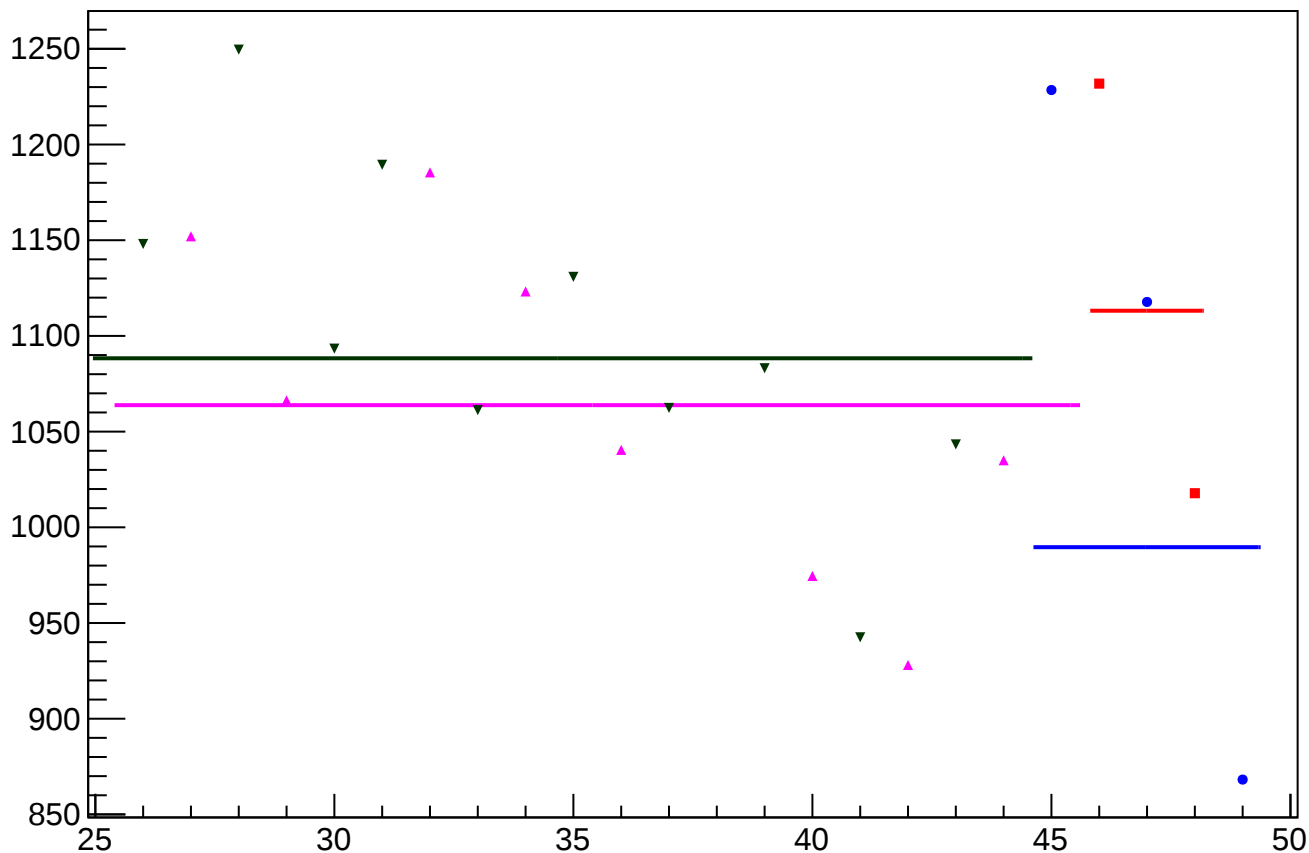
Left Out: 1000.567 $\pm$ 481.078 χ^2 /NDF: 5.5/9

Right Out: 805.773 $\pm$ 1148.619 χ^2 /NDF: 3.7/1

Left In: 107.491 $\pm$ 478.124 χ^2 /NDF: 8.3/7

683.363 $\pm$ 294.775 χ^2 /NDF: 24.9/22

asym_atl1_rms vs slug



Right In: 989.621+/-0.493 χ^2/NDF : 96292.6/2

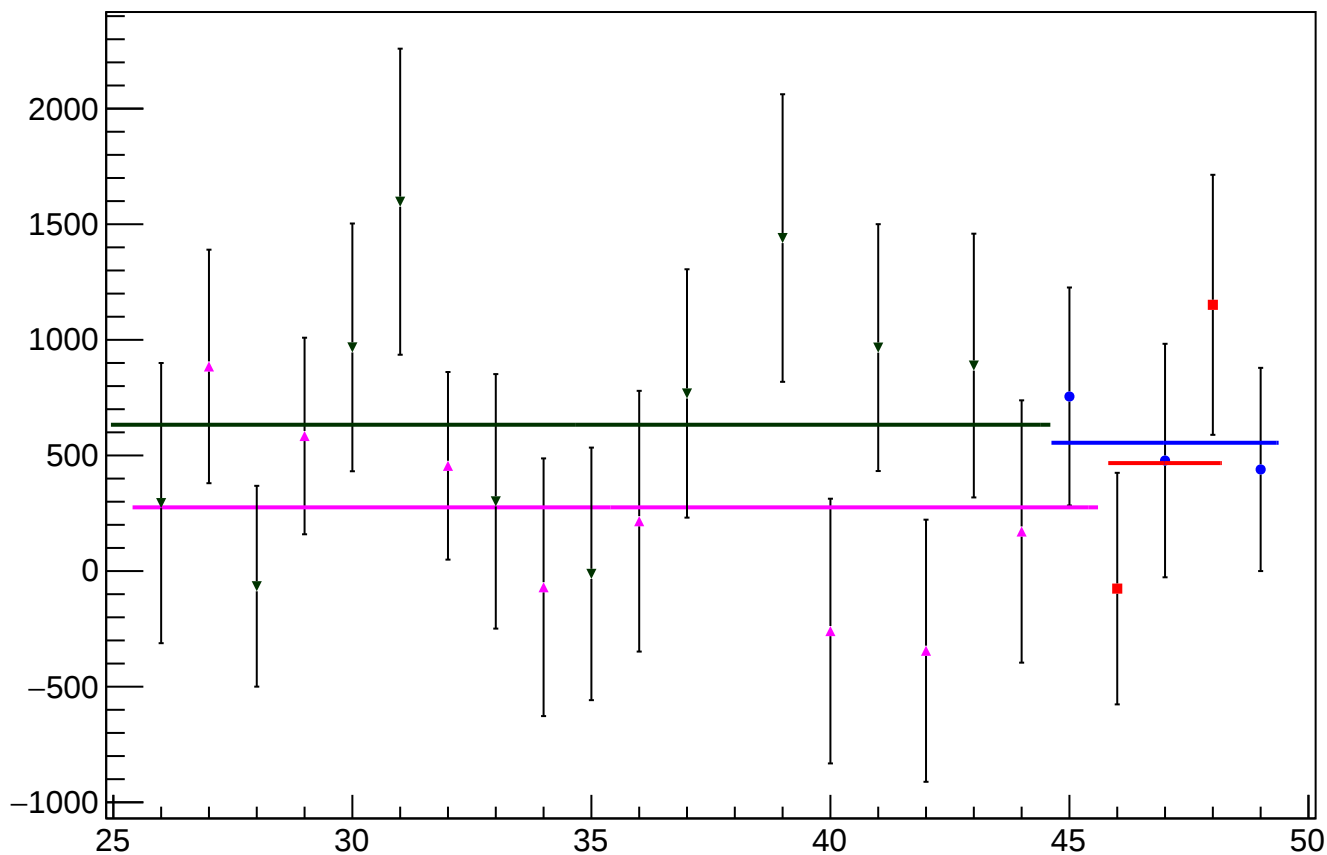
Left Out: 1088.314+/-0.340 χ^2/NDF : 64102.3/9

Right Out: 1113.163+/-0.812 χ^2/NDF : 17151.0/1

Left In: 1063.822+/-0.338 χ^2/NDF : 62470.9/7

1063.016+/-0.208 χ^2/NDF : 271508.3/22

reg_asym_atl2_mean vs slug



Right In: 554.917 $\pm$ 271.171 χ^2/NDF : 0.3/2

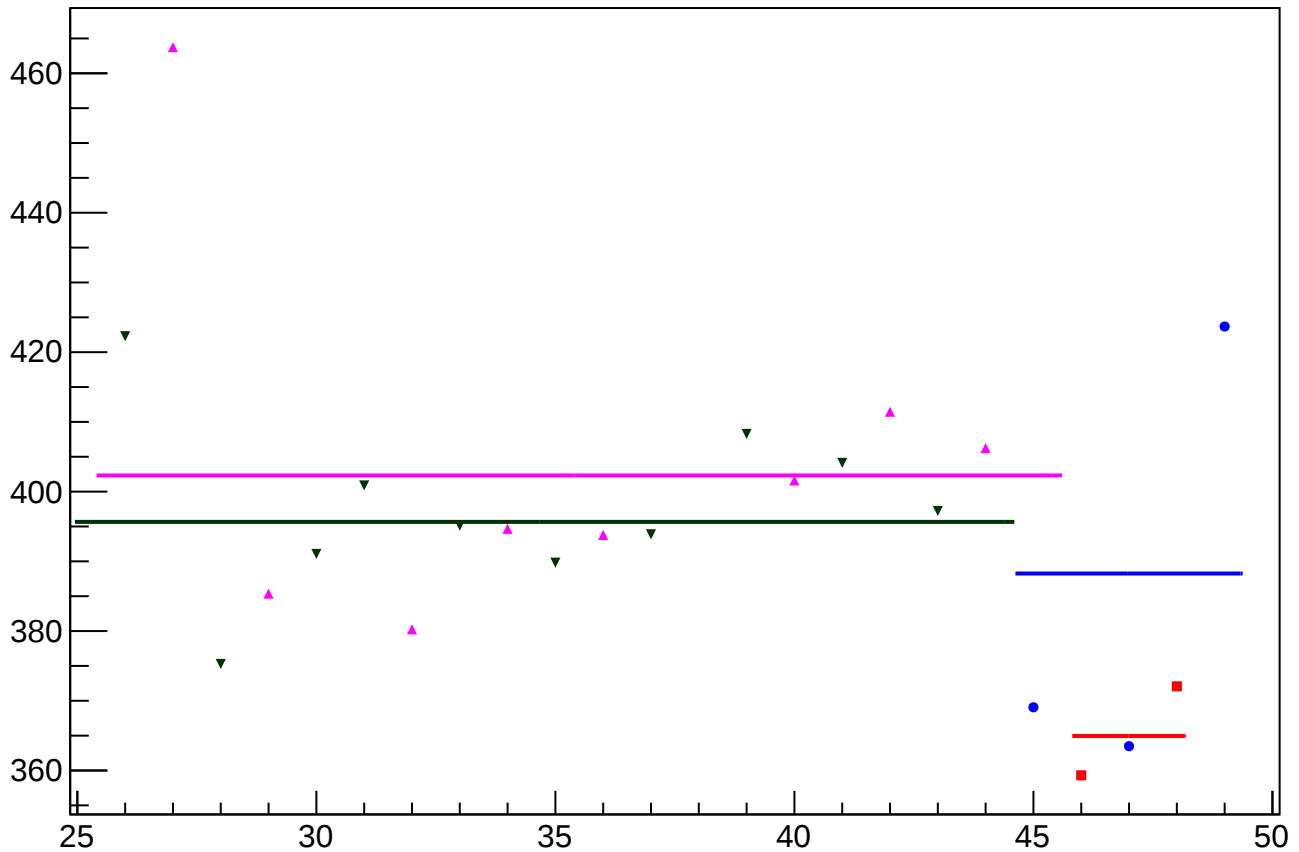
Left Out: 632.818 $\pm$ 173.856 χ^2/NDF : 9.5/9

Right Out: 466.993 $\pm$ 373.946 χ^2/NDF : 2.7/1

Left In: 275.571 $\pm$ 179.114 χ^2/NDF : 4.7/7

475.407 $\pm$ 108.462 χ^2/NDF : 19.3/22

reg_asym_atl2_rms vs slug



Right In: 388.254 ± 0.192 χ^2/NDF : 21119.8/2

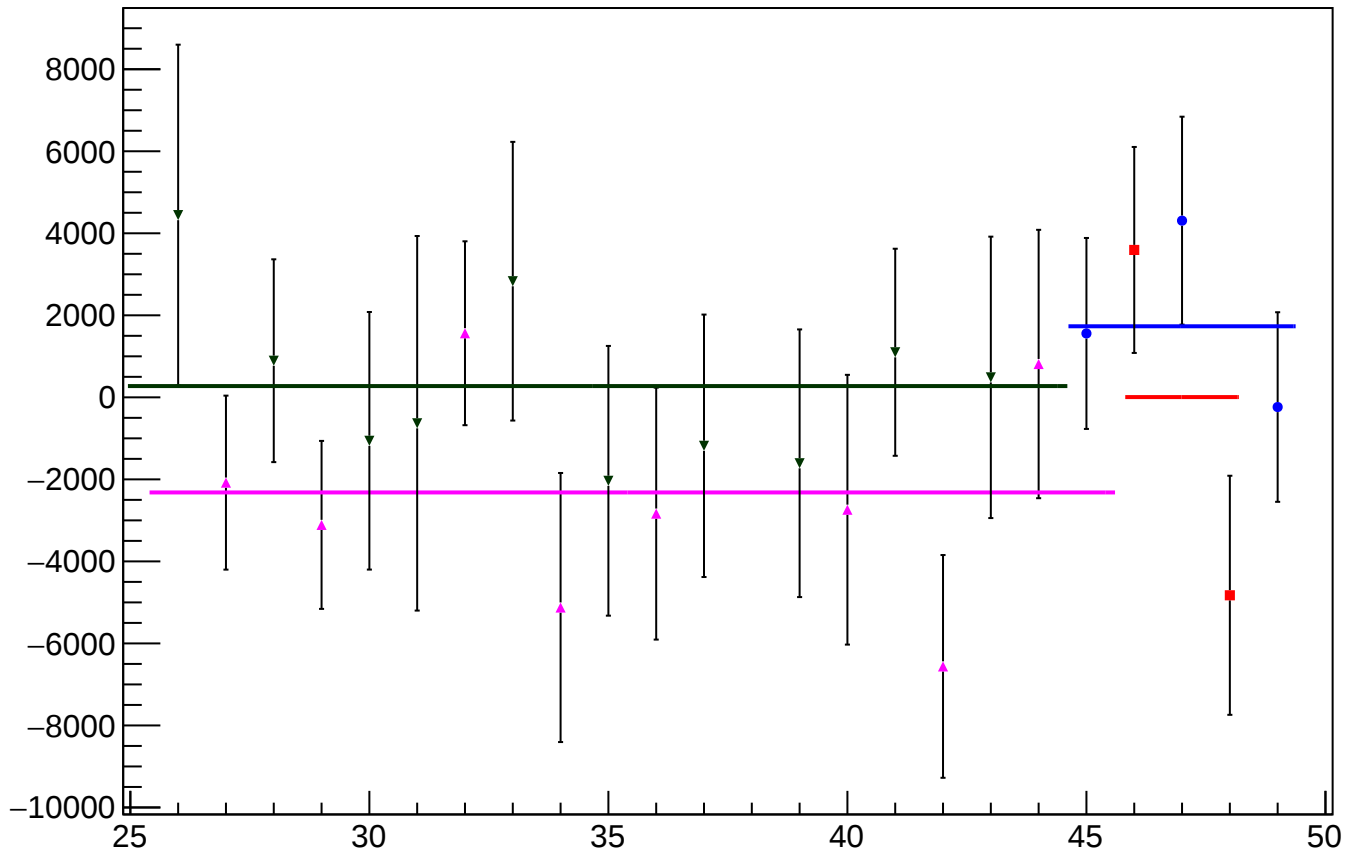
Left Out: 395.658 ± 0.123 χ^2/NDF : 10135.9/9

Right Out: 364.951 ± 0.264 χ^2/NDF : 574.6/1

Left In: 402.320 ± 0.127 χ^2/NDF : 40146.6/7

394.333 ± 0.077 χ^2/NDF : 89421.9/22

asym_atl2_correction_mean vs slug



Right In: 1732.466+/-1377.098 χ^2/NDF : 1.8/2

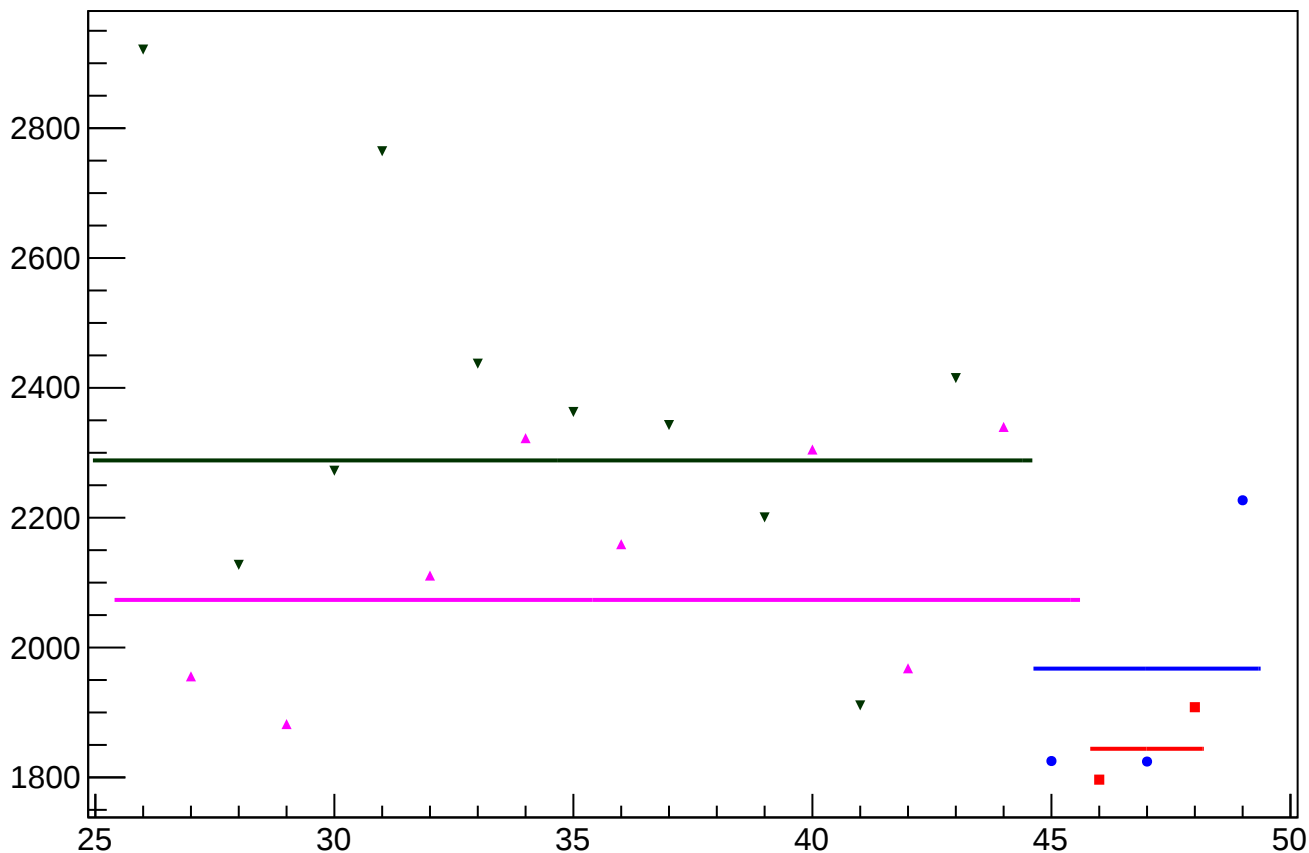
Left Out: 274.802+/-1008.389 χ^2/NDF : 3.0/9

Right Out: 6.216+/-1902.532 χ^2/NDF : 4.8/1

Left In: -2318.997+/-920.578 χ^2/NDF : 7.3/7

-522.708+/-580.551 χ^2/NDF : 24.0/22

asym_atl2_correction_rms vs slug



Right In: 1967.556+/-0.974 χ^2/NDF : 39025.0/2

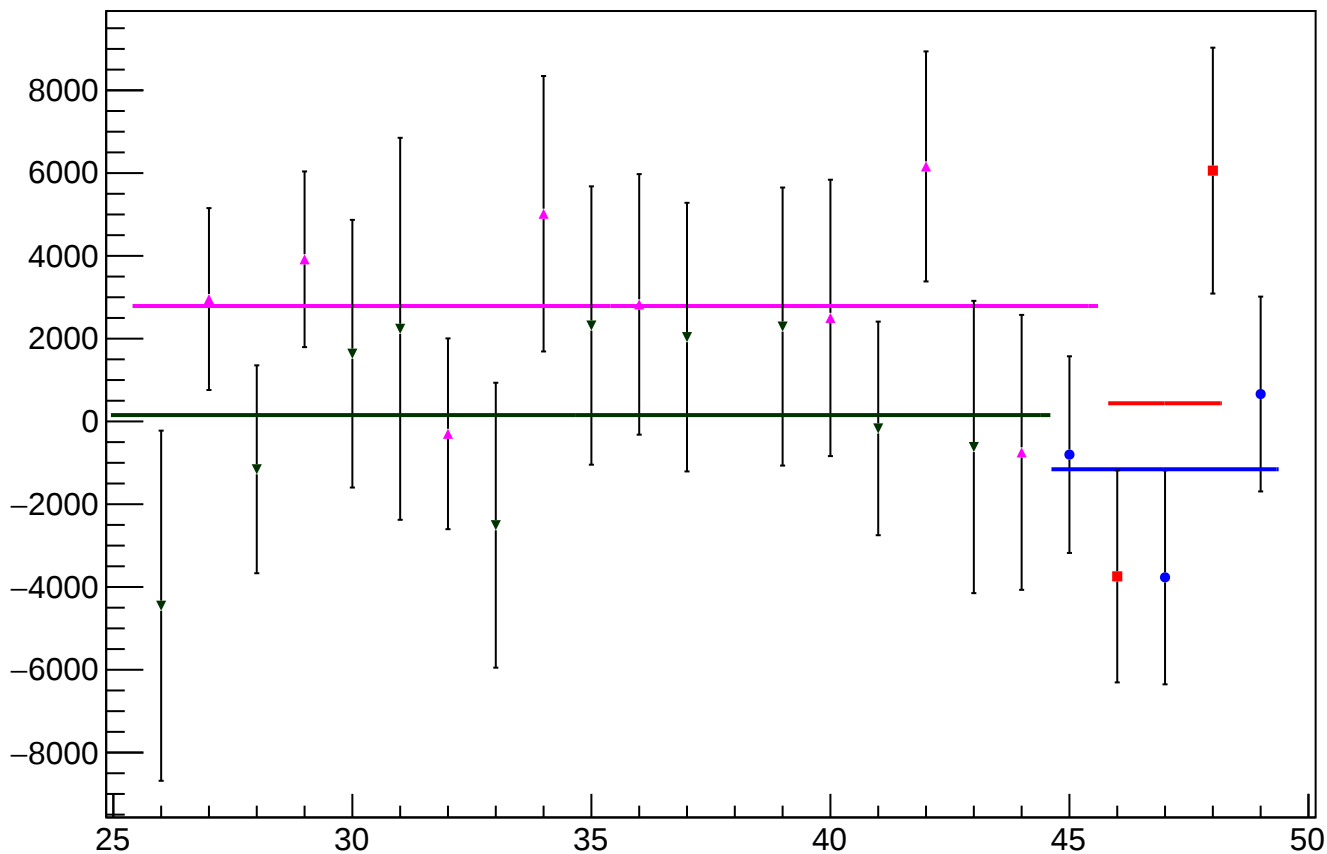
Left Out: 2288.236+/-0.713 χ^2/NDF : 130972.3/9

Right Out: 1844.077+/-1.345 χ^2/NDF : 1682.5/1

Left In: 2073.380+/-0.651 χ^2/NDF : 63452.8/7

2104.436+/-0.411 χ^2/NDF : 361069.3/22

asym_atl2_mean vs slug



Right In: -1155.484 $\pm$ 1403.900 χ^2/NDF : 1.6/2

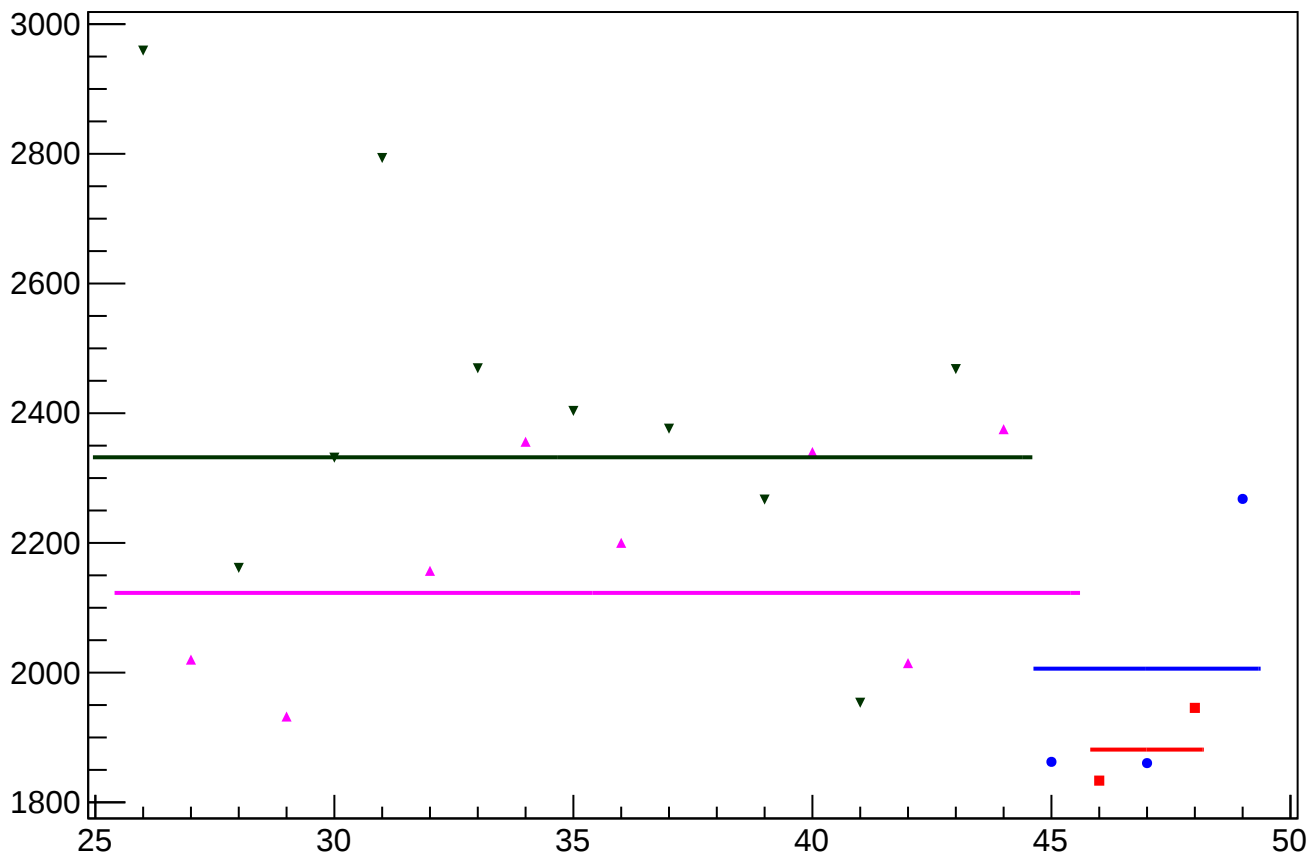
Left Out: 153.091 $\pm$ 1029.303 χ^2/NDF : 3.7/9

Right Out: 438.499 $\pm$ 1940.178 χ^2/NDF : 6.2/1

Left In: 2788.434 $\pm$ 945.564 χ^2/NDF : 5.1/7

985.225 $\pm$ 593.877 χ^2/NDF : 23.4/22

asym_atl2_rms vs slug



Right In: 2006.106+/-0.993 χ^2/NDF : 38407.1/2

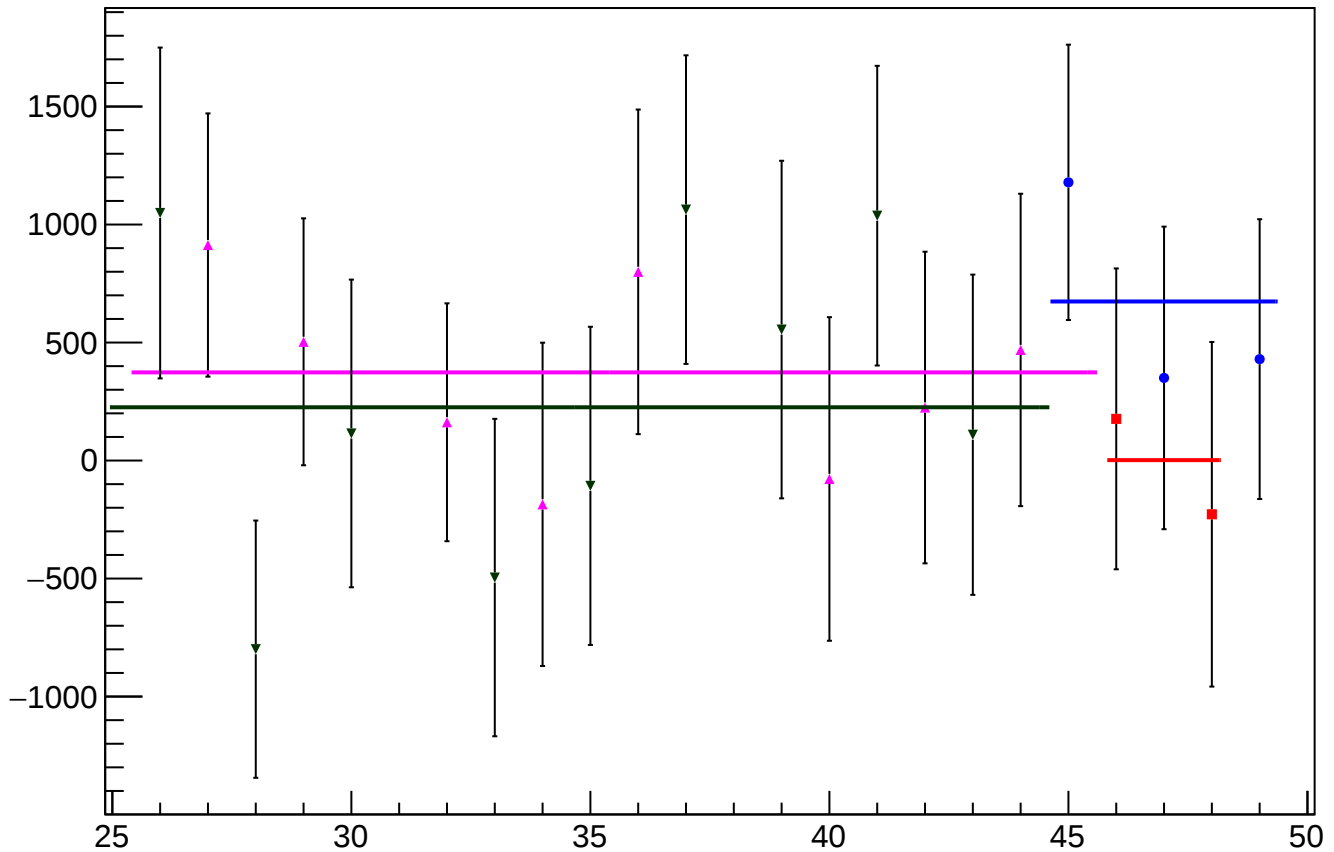
Left Out: 2332.054+/-0.728 χ^2/NDF : 124387.7/9

Right Out: 1881.302+/-1.372 χ^2/NDF : 1635.0/1

Left In: 2122.937+/-0.669 χ^2/NDF : 55033.1/7

2149.005+/-0.420 χ^2/NDF : 343033.2/22

reg_asym_atr1_mean vs slug



Right In: 673.993 ± 348.847 χ^2/NDF : 1.2/2

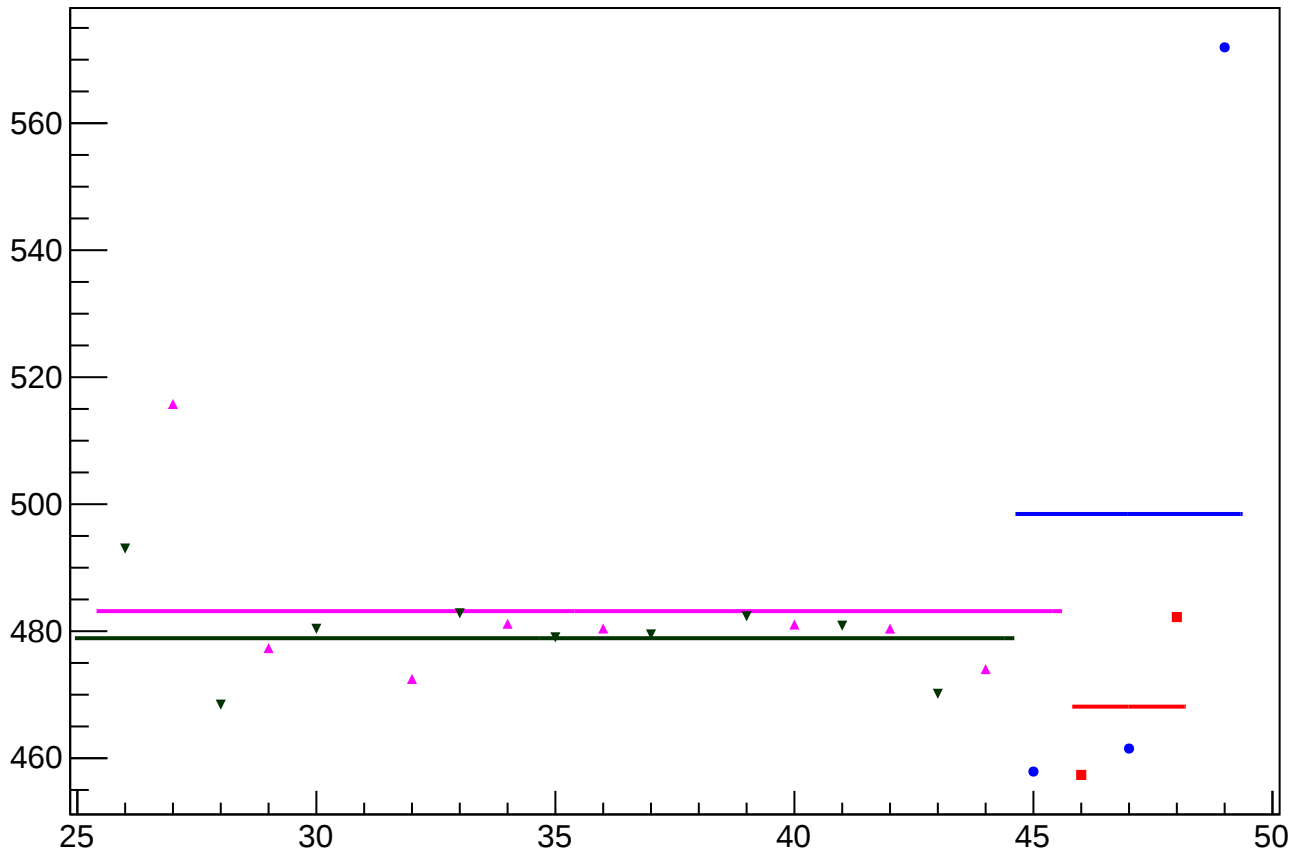
Left Out: 225.737 ± 217.621 χ^2/NDF : 9.9/8

Right Out: 1.735 ± 480.182 χ^2/NDF : 0.2/1

Left In: 373.555 ± 214.394 χ^2/NDF : 2.7/7

332.689 ± 134.321 χ^2/NDF : 15.6/21

reg_asym_atr1_rms vs slug



Right In: 498.462 ± 0.247 $\chi^2/\text{NDF}: 47042.6/2$

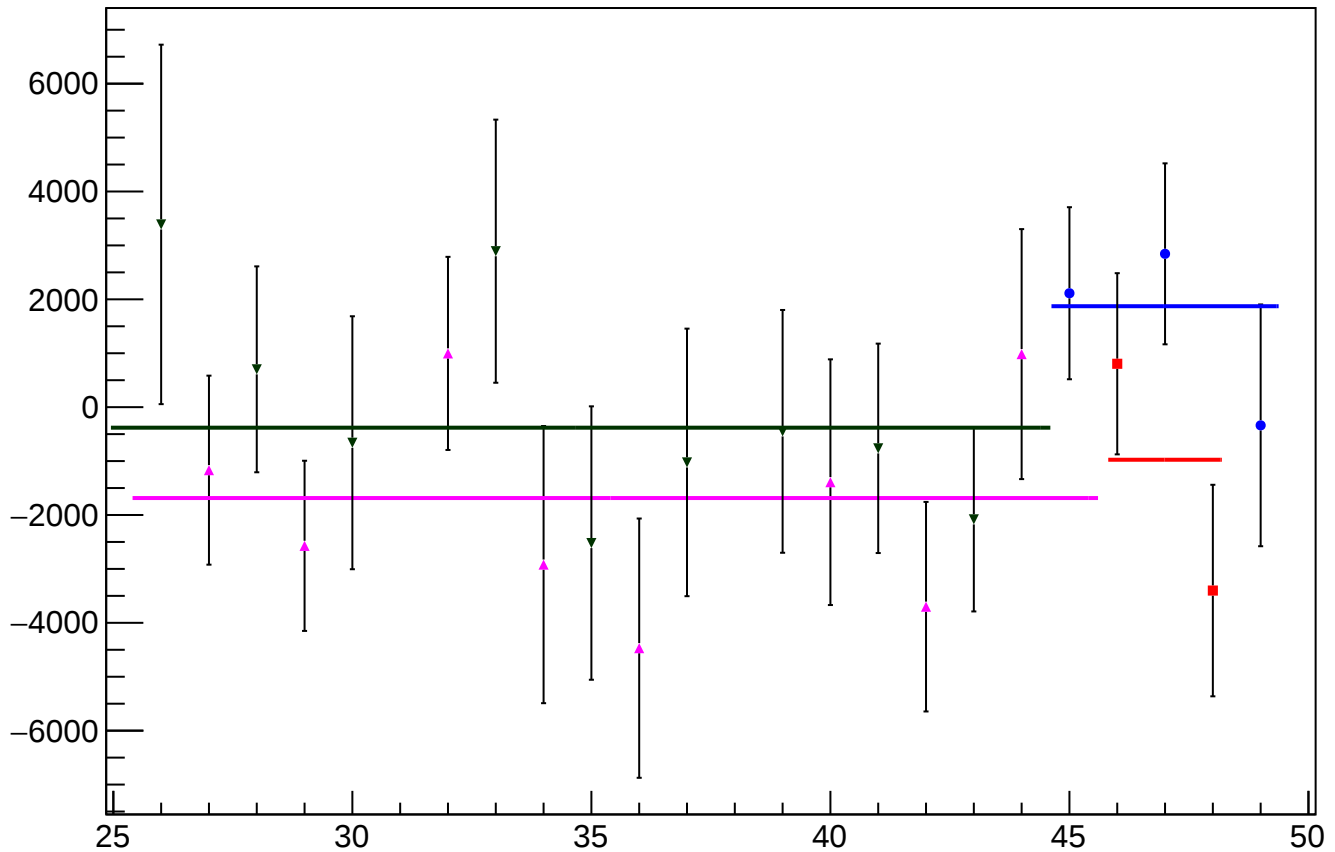
Left Out: 478.896 ± 0.154 $\chi^2/\text{NDF}: 2027.3/8$

Right Out: 468.120 ± 0.340 $\chi^2/\text{NDF}: 1316.1/1$

Left In: 483.160 ± 0.152 $\chi^2/\text{NDF}: 8470.4/7$

482.627 ± 0.095 $\chi^2/\text{NDF}: 65402.7/21$

asym_atr1_correction_mean vs slug



Right In: 1872.288 ± 1027.739 $\chi^2/\text{NDF}: 1.3/2$

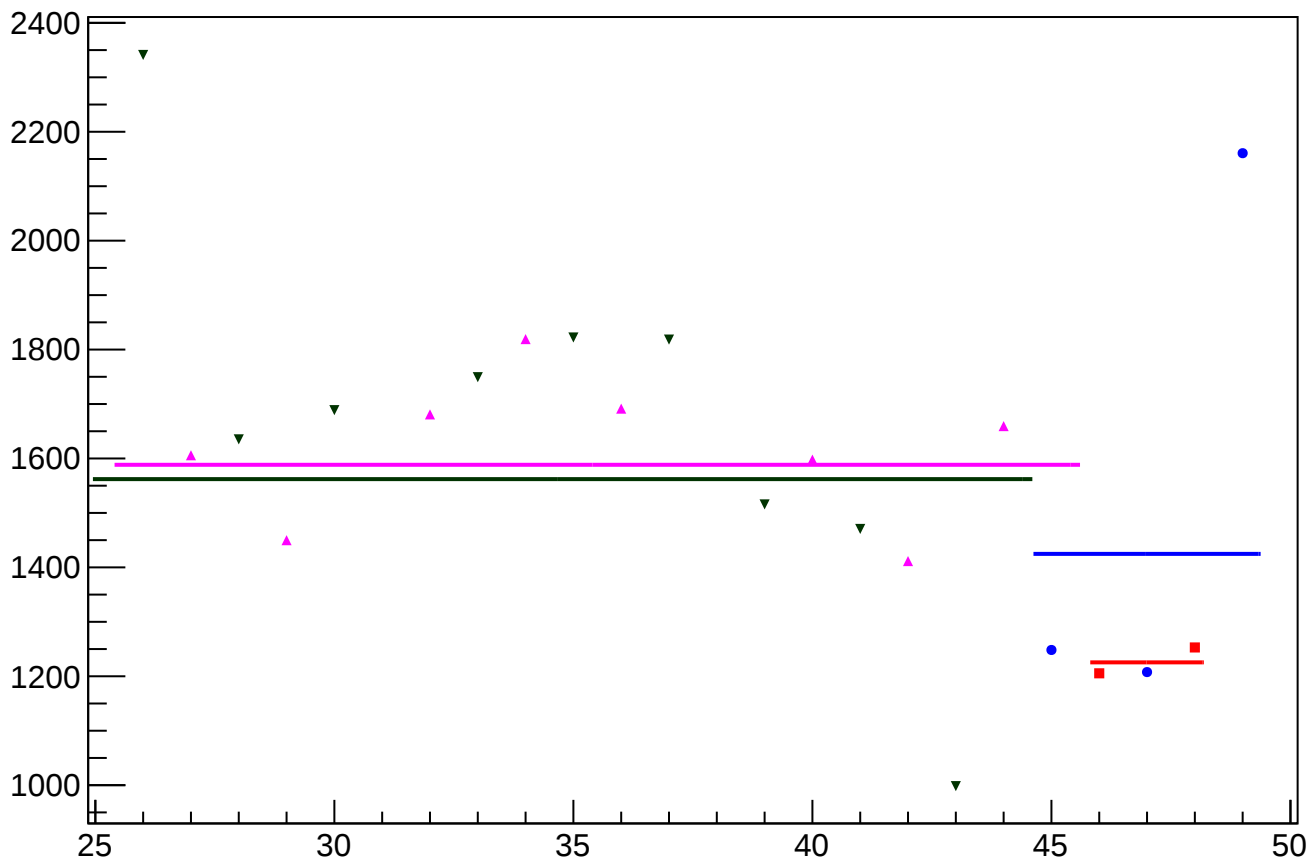
Left Out: -380.627 ± 737.802 $\chi^2/\text{NDF}: 5.2/8$

-538.053 ± 430.156 $\chi^2/\text{NDF}: 24.1/21$

Right Out: -975.333 ± 1276.152 $\chi^2/\text{NDF}: 2.7/1$

Left In: -1685.614 ± 705.946 $\chi^2/\text{NDF}: 6.6/7$

asym_atr1_correction_rms vs slug



Right In: 1424.778 $\pm$ 0.727 χ^2/NDF : 273359.9/2

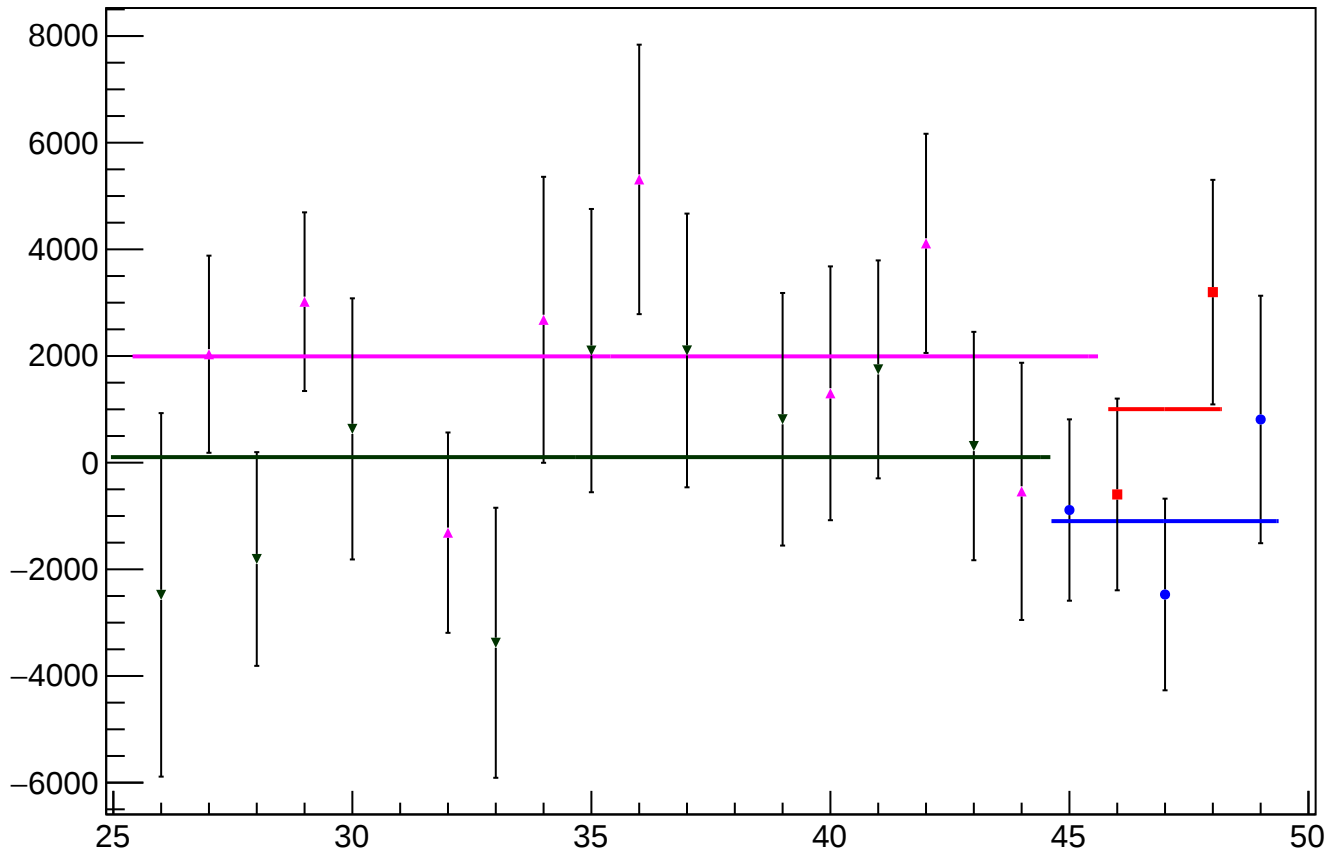
Left Out: 1562.083 $\pm$ 0.522 χ^2/NDF :395343.8/8

Right Out: 1225.540 $\pm$ 0.902 χ^2/NDF : 675.9/1

Left In: 1588.387 $\pm$ 0.499 χ^2/NDF :59225.5/7

1509.559 $\pm$ 0.304 χ^2/NDF : 876353.1/21

asym_atr1_mean vs slug



Right In: -1096.161+/-1090.233 χ^2 /NDF: 1.3/2

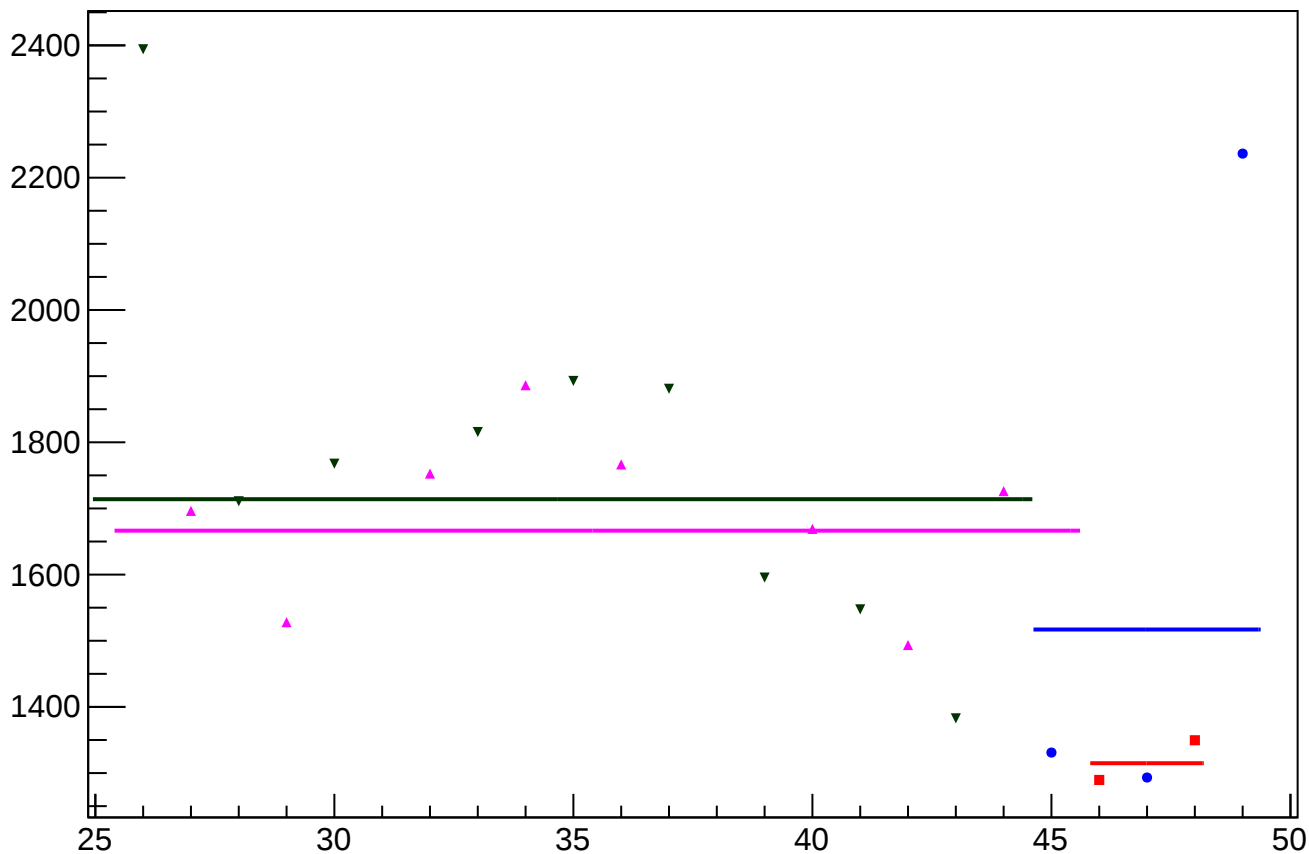
Left Out: 103.969+/-793.692 χ^2 /NDF: 5.3/8

710.496+/-457.513 χ^2 /NDF: 22.4/21

Right Out: 1003.537+/-1367.019 χ^2 /NDF: 1.9/1

Left In: 1993.066+/-742.569 χ^2 /NDF: 7.5/7

asym_atr1_rms vs slug



Right In: 1517.002+/-0.771 χ^2 /NDF: 247197.2/2

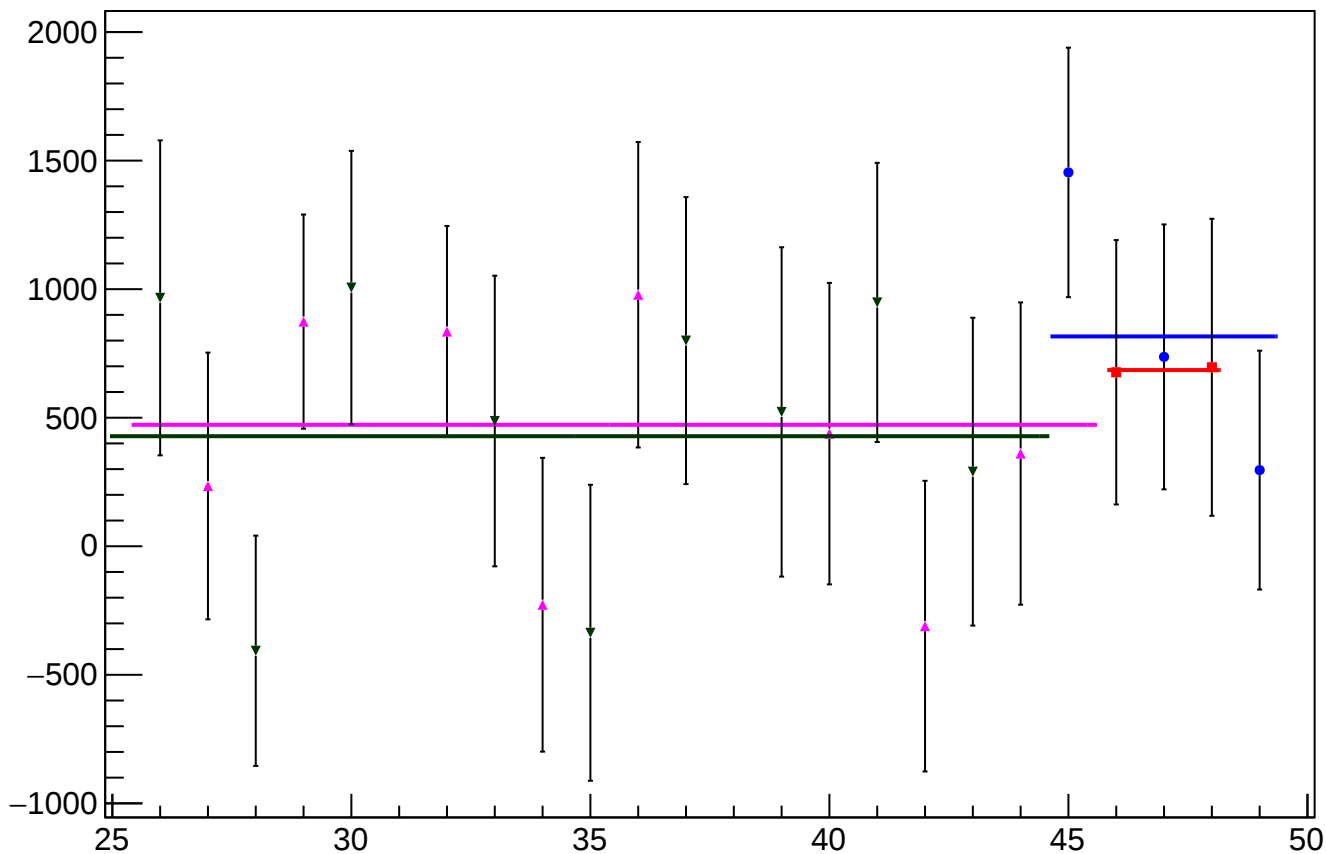
Left Out: 1713.999+/-0.561 χ^2 /NDF:167493.6/8

Right Out: 1314.898+/-0.967 χ^2 /NDF: 940.3/1

Left In: 1666.432+/-0.525 χ^2 /NDF:50356.8/7

1616.547+/-0.324 χ^2 /NDF: 619222.3/21

reg_asym_atr2_mean vs slug



Right In: 816.183 $\pm$ 281.185 χ^2 /NDF: 3.0/2

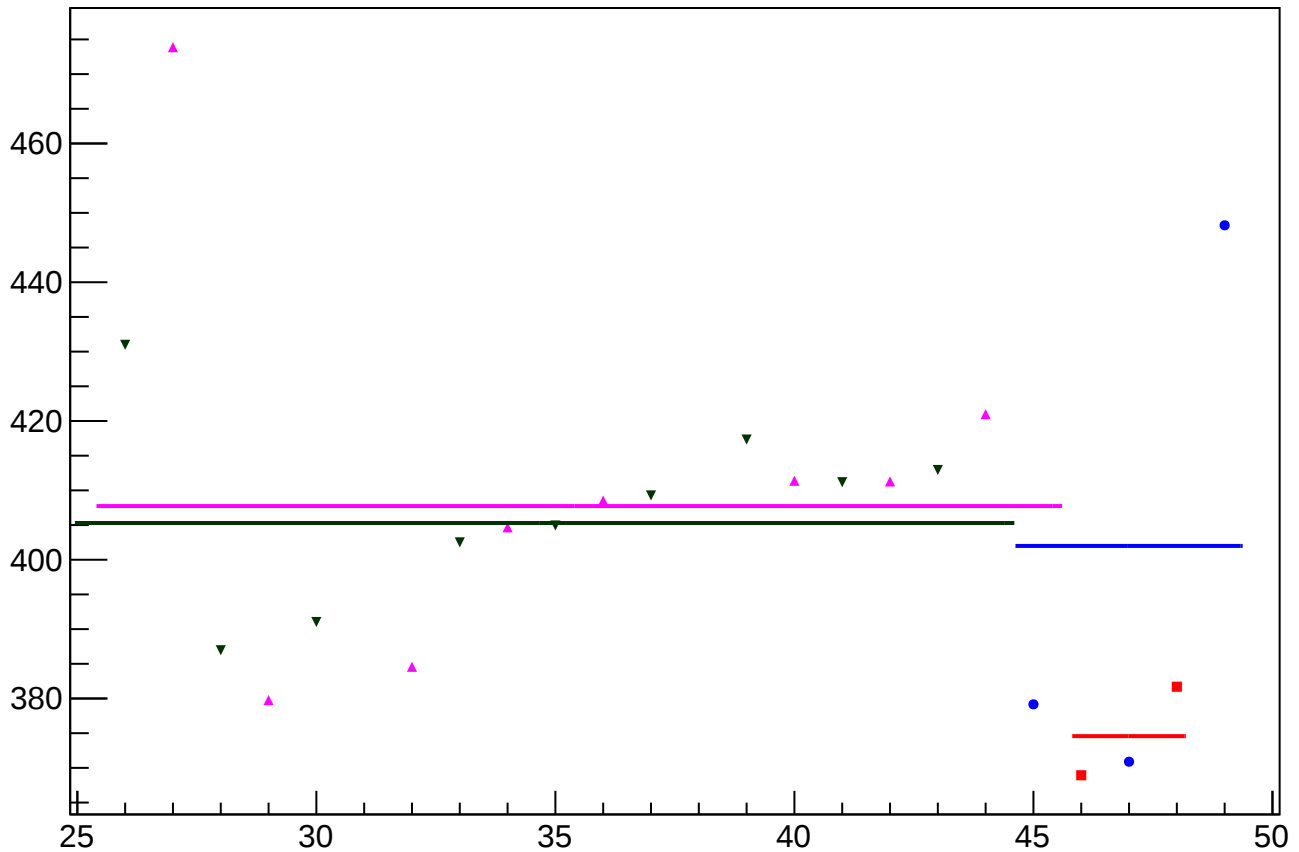
Left Out: 428.042 $\pm$ 185.168 χ^2 /NDF: 8.6/8

Right Out: 685.302 $\pm$ 384.068 χ^2 /NDF: 0.0/1

Left In: 472.346 $\pm$ 181.832 χ^2 /NDF: 6.1/7

529.429 $\pm$ 112.624 χ^2 /NDF: 19.4/21

reg_asym_atr2_rms vs slug



Right In: 401.992 ± 0.199 $\chi^2/\text{NDF}: 31510.8/2$

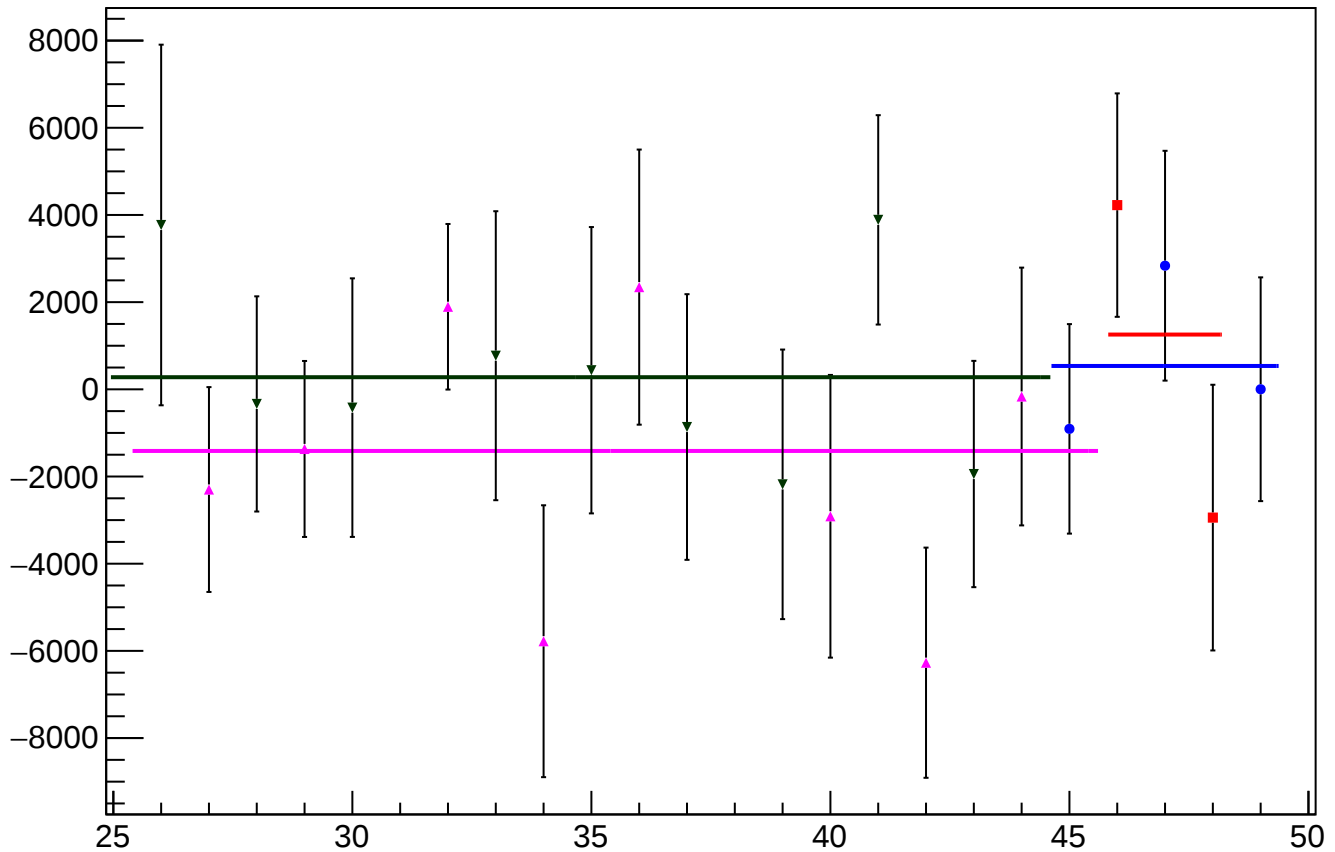
Left Out: 405.300 ± 0.131 $\chi^2/\text{NDF}: 9727.9/8$

Right Out: 374.575 ± 0.272 $\chi^2/\text{NDF}: 544.8/1$

Left In: 407.737 ± 0.129 $\chi^2/\text{NDF}: 49136.9/7$

403.062 ± 0.080 $\chi^2/\text{NDF}: 103566.1/21$

asym_atr2_correction_mean vs slug



Right In: 536.028 $\pm$ 1460.340 χ^2/NDF : 1.2/2

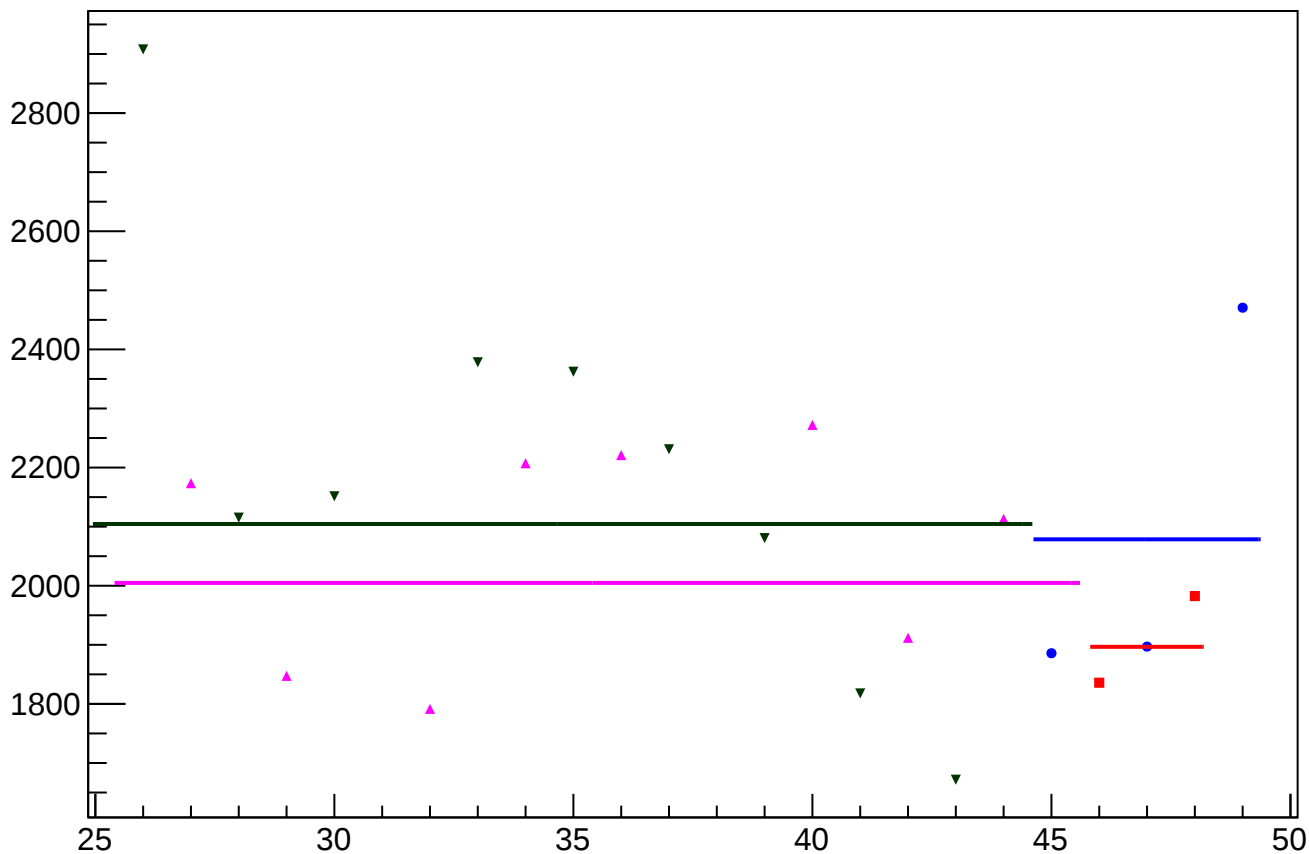
Left Out: 278.027 $\pm$ 973.990 χ^2/NDF : 4.6/8

-299.128 $\pm$ 573.267 χ^2/NDF : 22.2/21

Right Out: 1256.417 $\pm$ 1961.488 χ^2/NDF : 3.2/1

Left In: -1413.717 $\pm$ 890.892 χ^2/NDF : 10.3/7

asym_atr2_correction_rms vs slug



Right In: 2078.557+/-1.033 χ^2/NDF : 69025.8/2

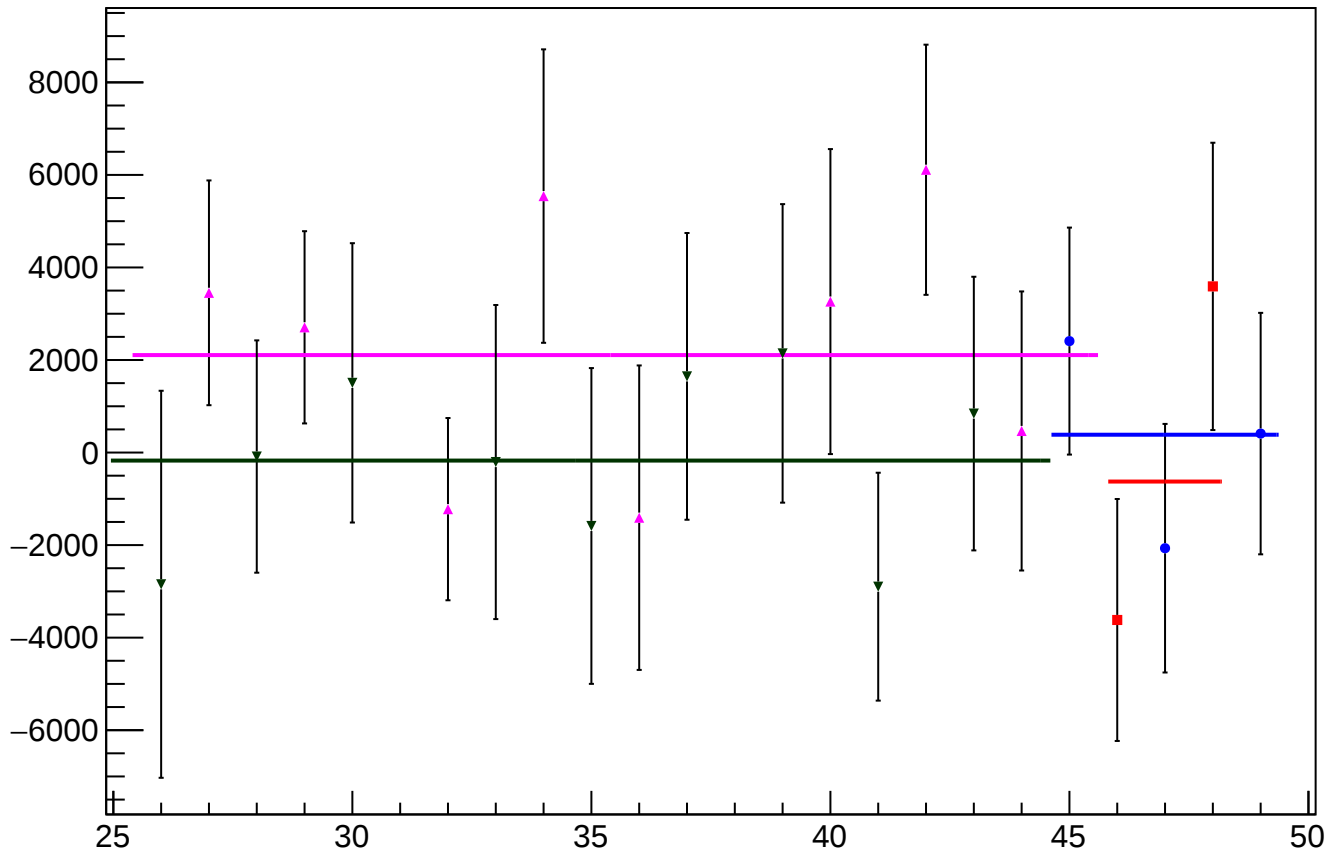
Left Out: 2104.508+/-0.689 χ^2/NDF : 189603.1/8

2041.448+/-0.405 χ^2/NDF : 369592.7/21

Right Out: 1896.624+/-1.387 χ^2/NDF : 2713.9/1

Left In: 2004.754+/-0.630 χ^2/NDF : 84279.2/7

asym_atr2_mean vs slug



Right In: 385.237 $\pm$ 1487.896 χ^2 /NDF: 1.5/2

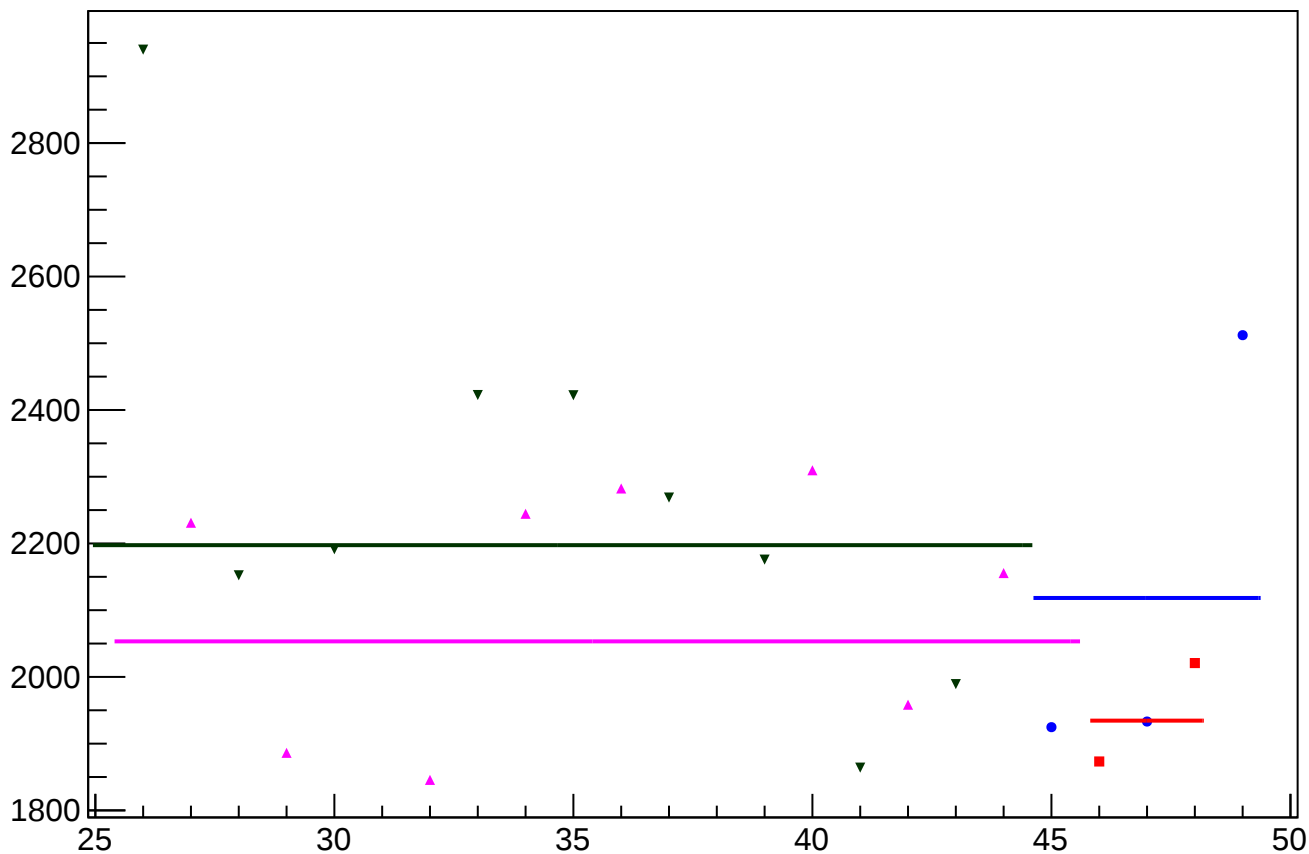
Left Out: -173.380 $\pm$ 1011.256 χ^2 /NDF: 3.1/8

820.384 $\pm$ 590.340 χ^2 /NDF: 19.5/21

Right Out: -626.701 $\pm$ 1999.882 χ^2 /NDF: 3.2/1

Left In: 2106.390 $\pm$ 916.762 χ^2 /NDF: 8.2/7

asym_atr2_rms vs slug



Right In: 2118.306 ± 1.052 χ^2/NDF : 67527.3/2

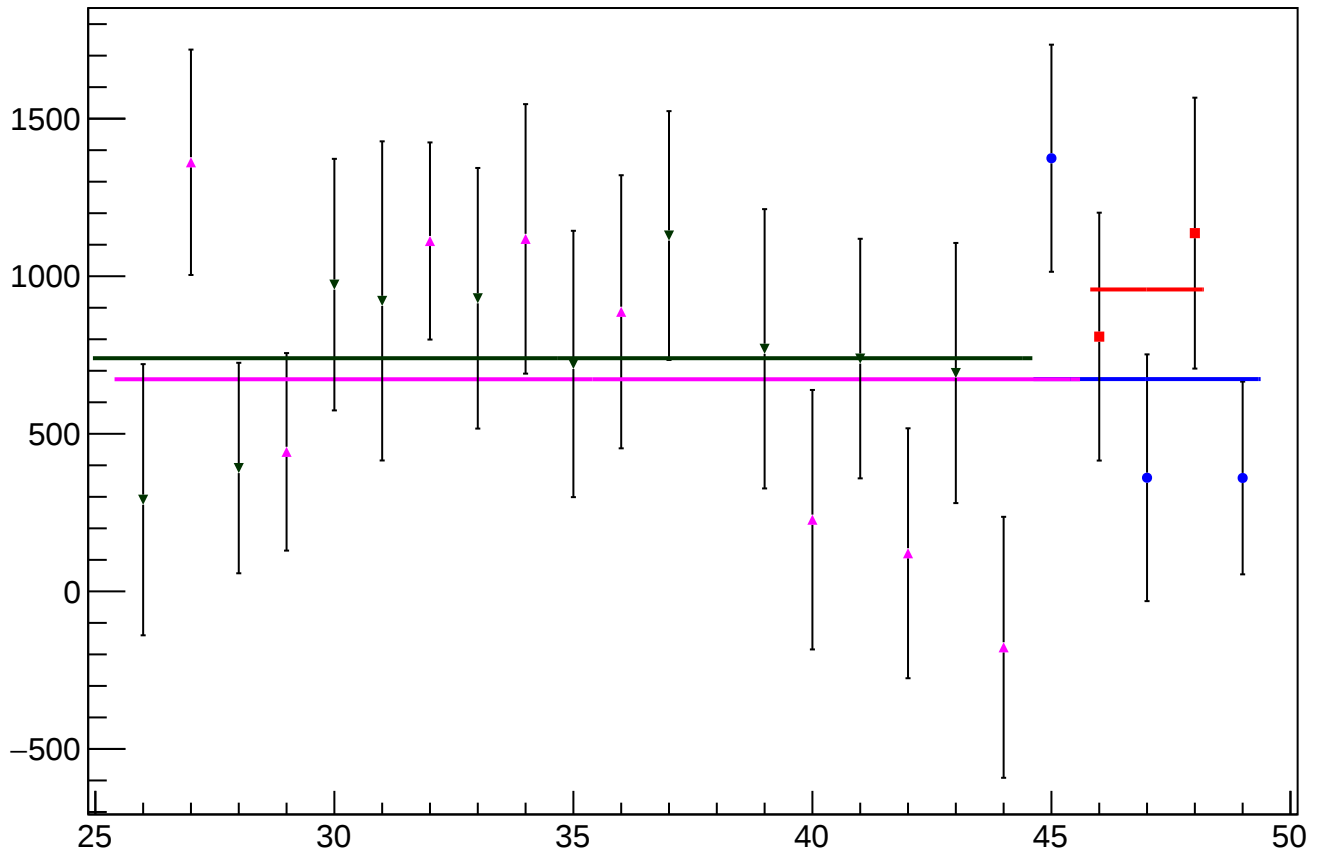
Left Out: 2197.439 ± 0.715 χ^2/NDF : 128896.8/8

Right Out: 1934.481 ± 1.414 χ^2/NDF : 2641.0/1

Left In: 2053.263 ± 0.648 χ^2/NDF : 79708.9/7

2102.285 ± 0.417 χ^2/NDF : 316513.0/21

reg_asym_atl_avg_mean vs slug



Right In: 673.625 ± 200.331 χ^2/NDF : 5.5/2

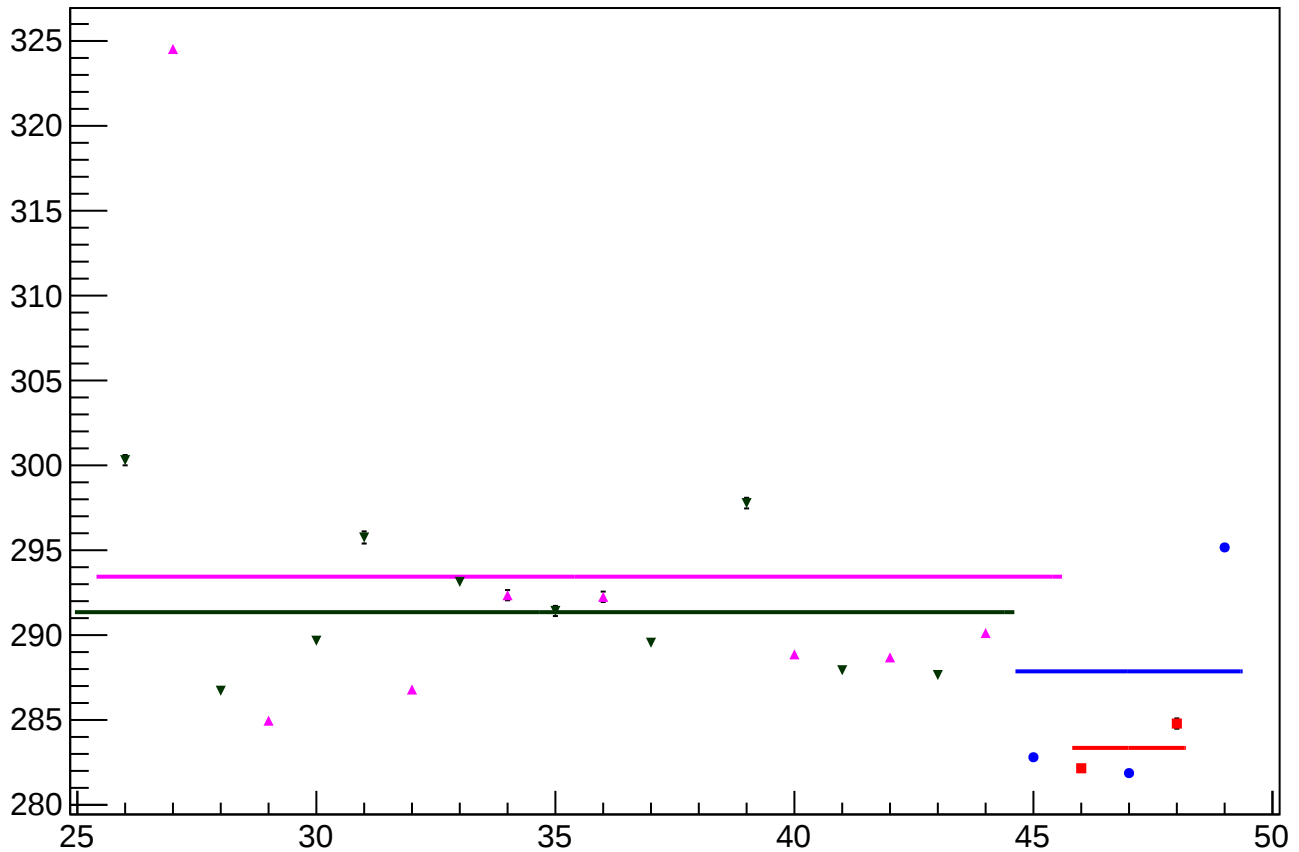
Left Out: 739.872 ± 128.784 χ^2/NDF : 3.9/9

721.228 ± 80.530 χ^2/NDF : 25.4/22

Right Out: 958.010 ± 290.157 χ^2/NDF : 0.3/1

Left In: 673.071 ± 132.323 χ^2/NDF : 14.9/7

reg_asym_atl_avg_rms vs slug



Right In: 287.864 ± 0.142 χ^2/NDF : 2003.1/2

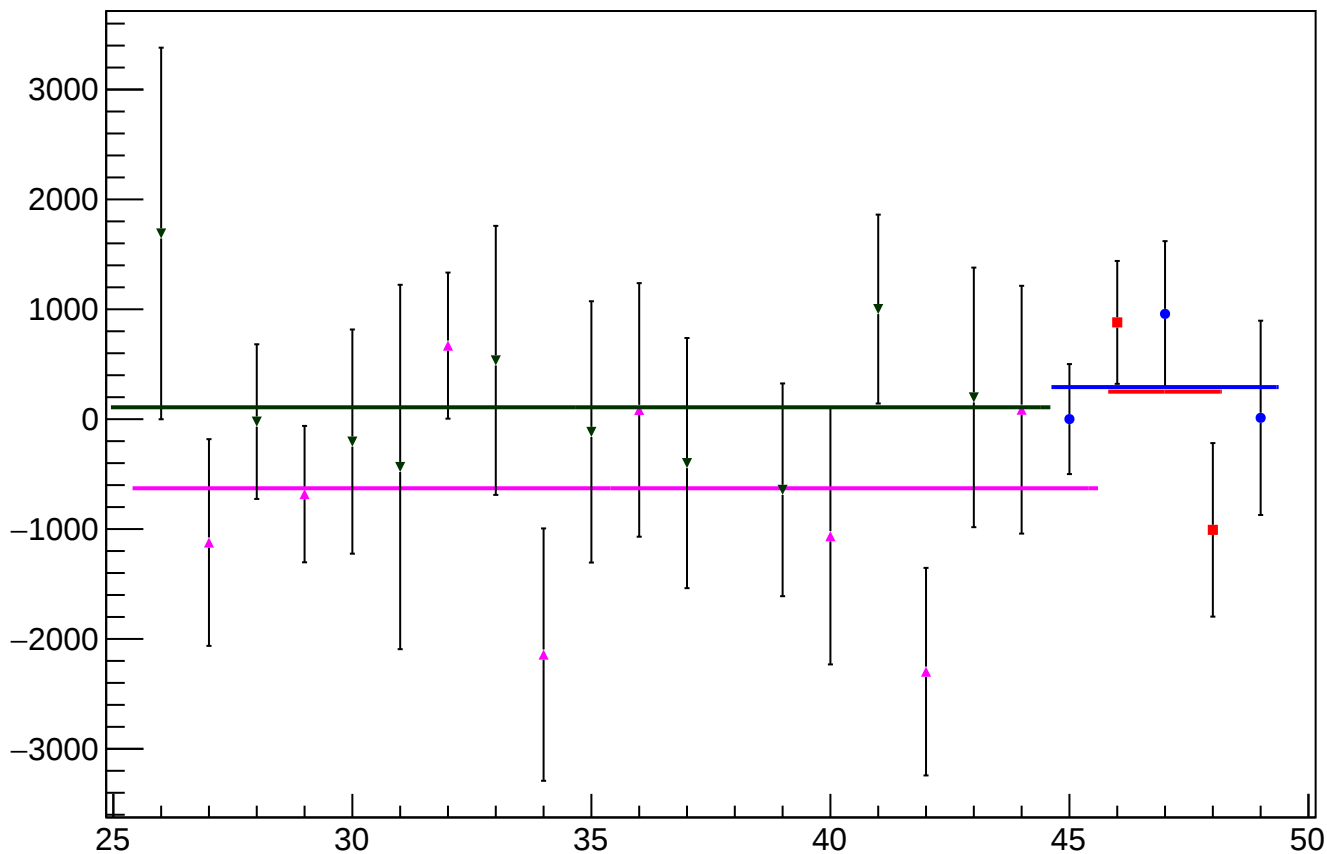
Left Out: 291.351 ± 0.091 χ^2/NDF : 2259.4/9

Right Out: 283.355 ± 0.205 χ^2/NDF : 40.9/1

Left In: 293.442 ± 0.094 χ^2/NDF : 18174.2/7

290.946 ± 0.057 χ^2/NDF : 25050.8/22

asym_atl_avg_correction_mean vs slug



Right In: 291.941 ± 363.906 χ^2/NDF : 1.5/2

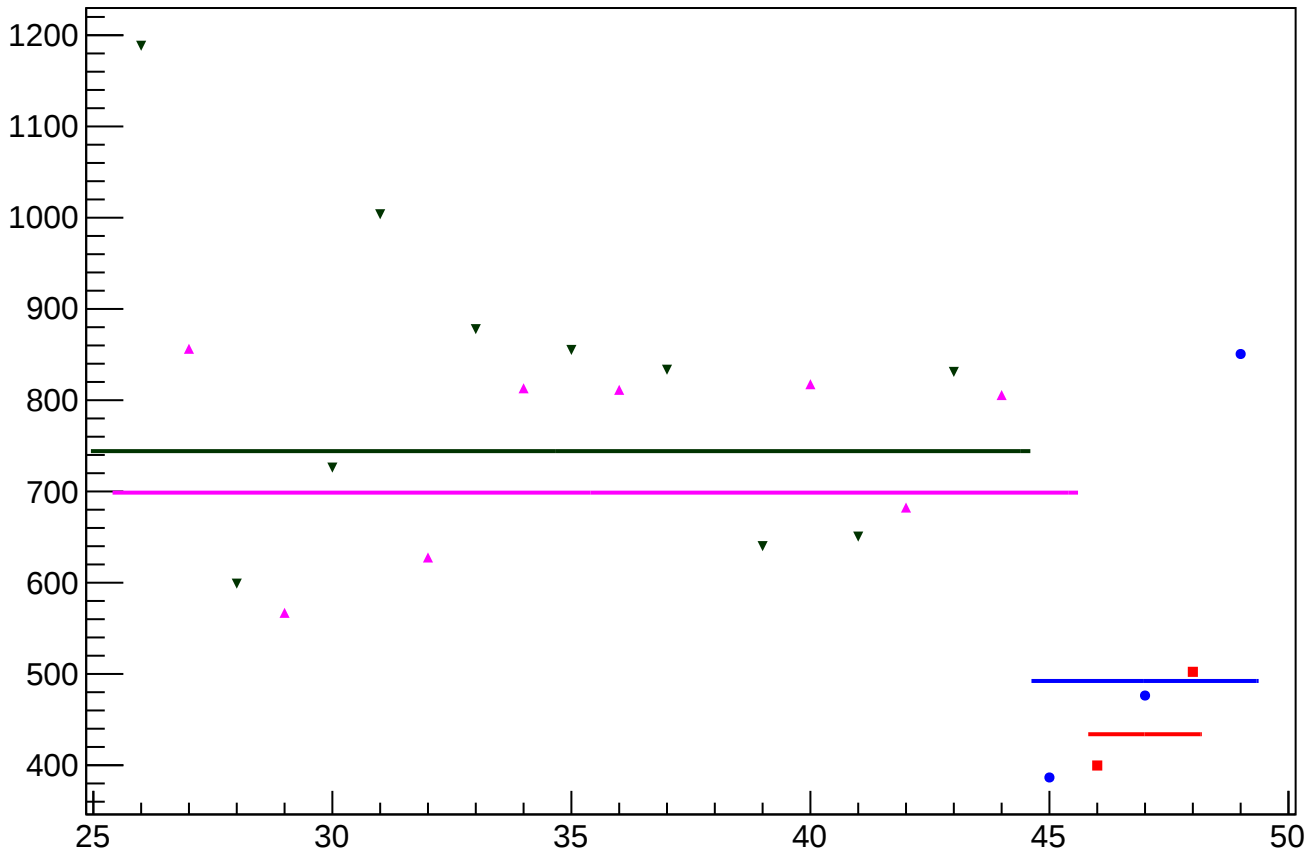
Left Out: 108.218 ± 333.765 χ^2/NDF : 3.2/9

-63.495 ± 178.257 χ^2/NDF : 23.2/22

Right Out: 250.260 ± 456.353 χ^2/NDF : 3.8/1

Left In: -628.735 ± 314.024 χ^2/NDF : 9.9/7

asym_atl_avg_correction_rms vs slug



Right In: 492.321+/-0.257 χ^2/NDF : 419000.2/2

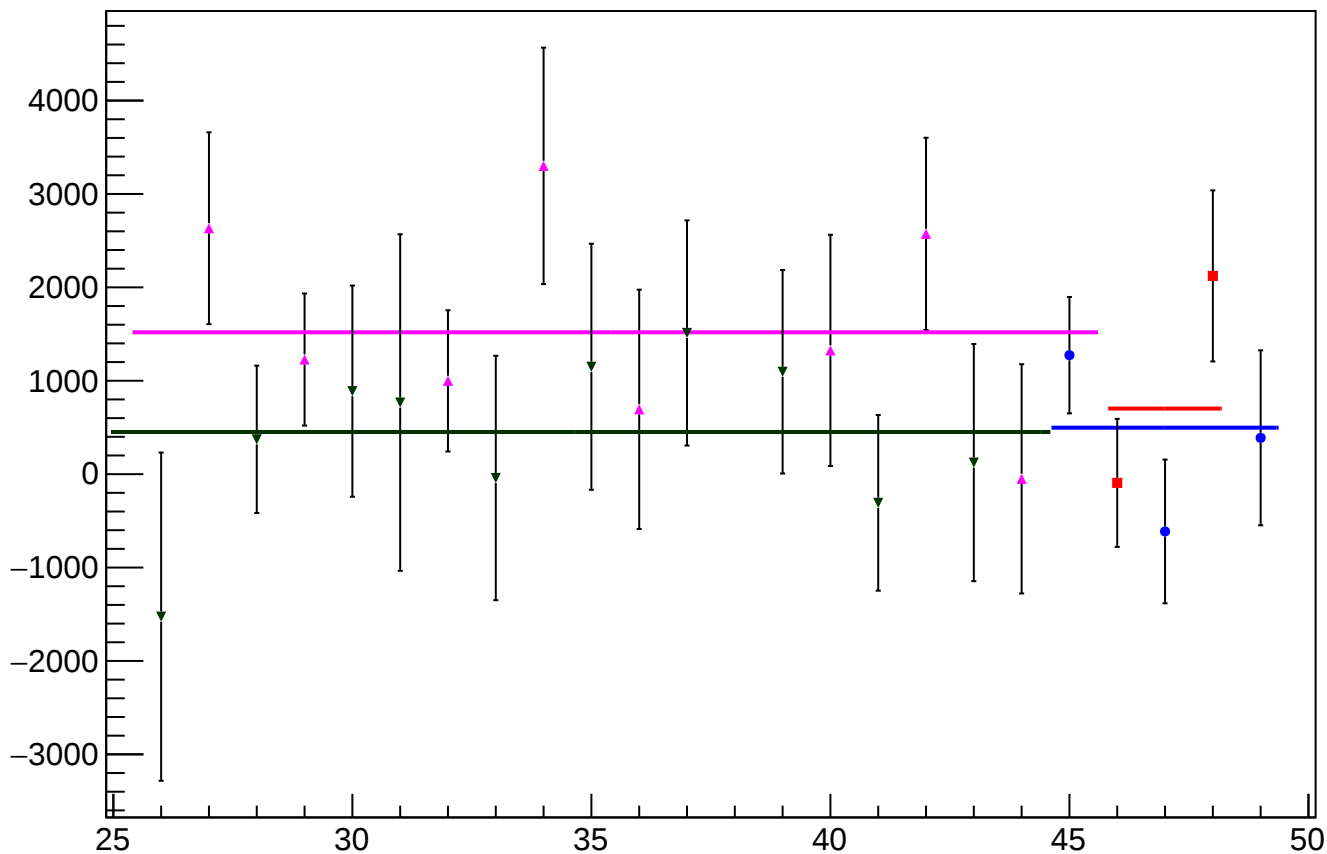
Left Out: 744.197+/-0.236 χ^2/NDF : 384053.8/9

Right Out: 433.952+/-0.323 χ^2/NDF : 22509.9/1

Left In: 698.706+/-0.222 χ^2/NDF : 247337.3/7

621.765+/-0.126 χ^2/NDF : 2053888.9/22

asym_atl_avg_mean vs slug



Right In: 497.595+/-430.203 χ^2/NDF : 3.7/2

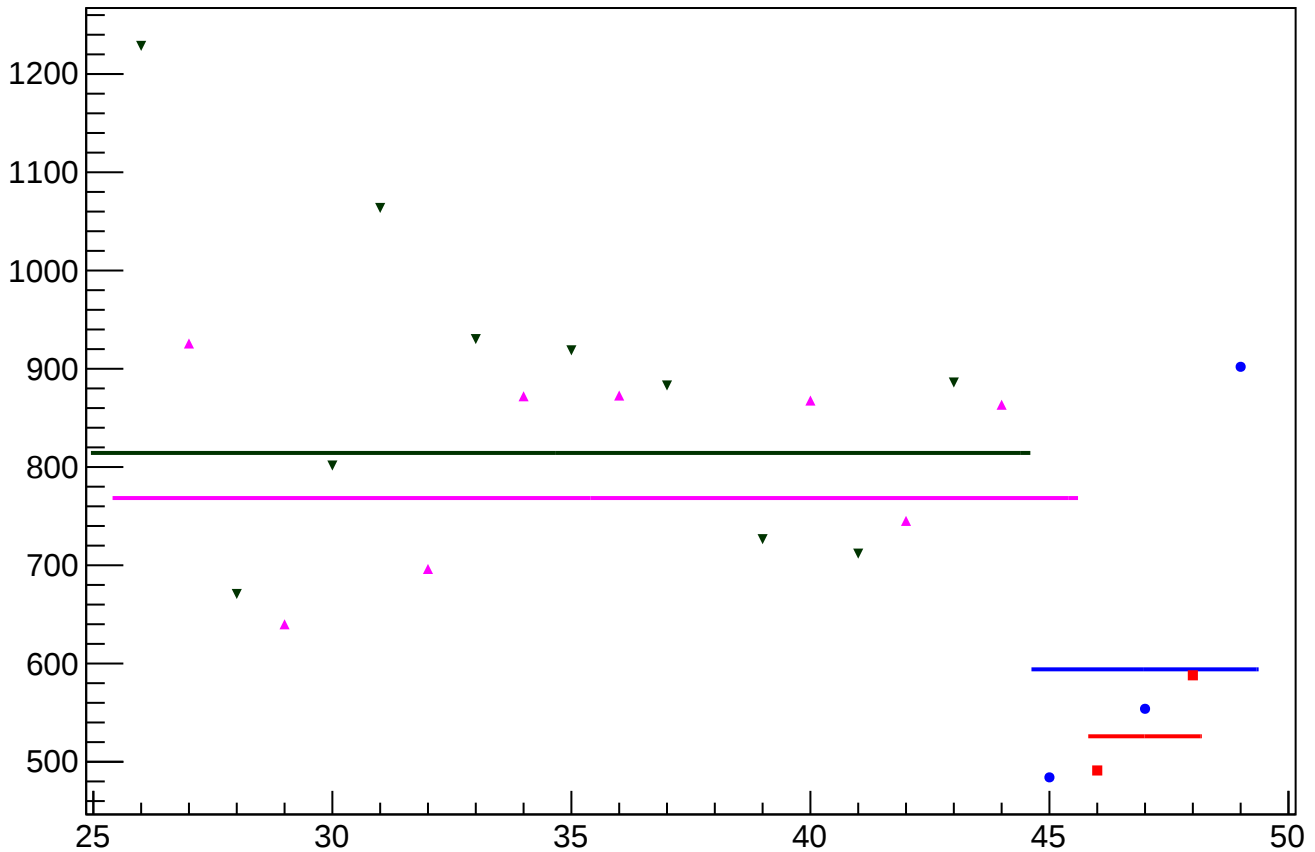
Left Out: 451.381+/-366.058 χ^2/NDF : 3.7/9

Right Out: 702.222+/-548.921 χ^2/NDF : 3.8/1

Left In: 1519.039+/-349.401 χ^2/NDF : 6.9/7

854.551+/-202.543 χ^2/NDF : 23.6/22

asym_atl_avg_rms vs slug



Right In: 594.083+/-0.304 χ^2/NDF : 283832.5/2

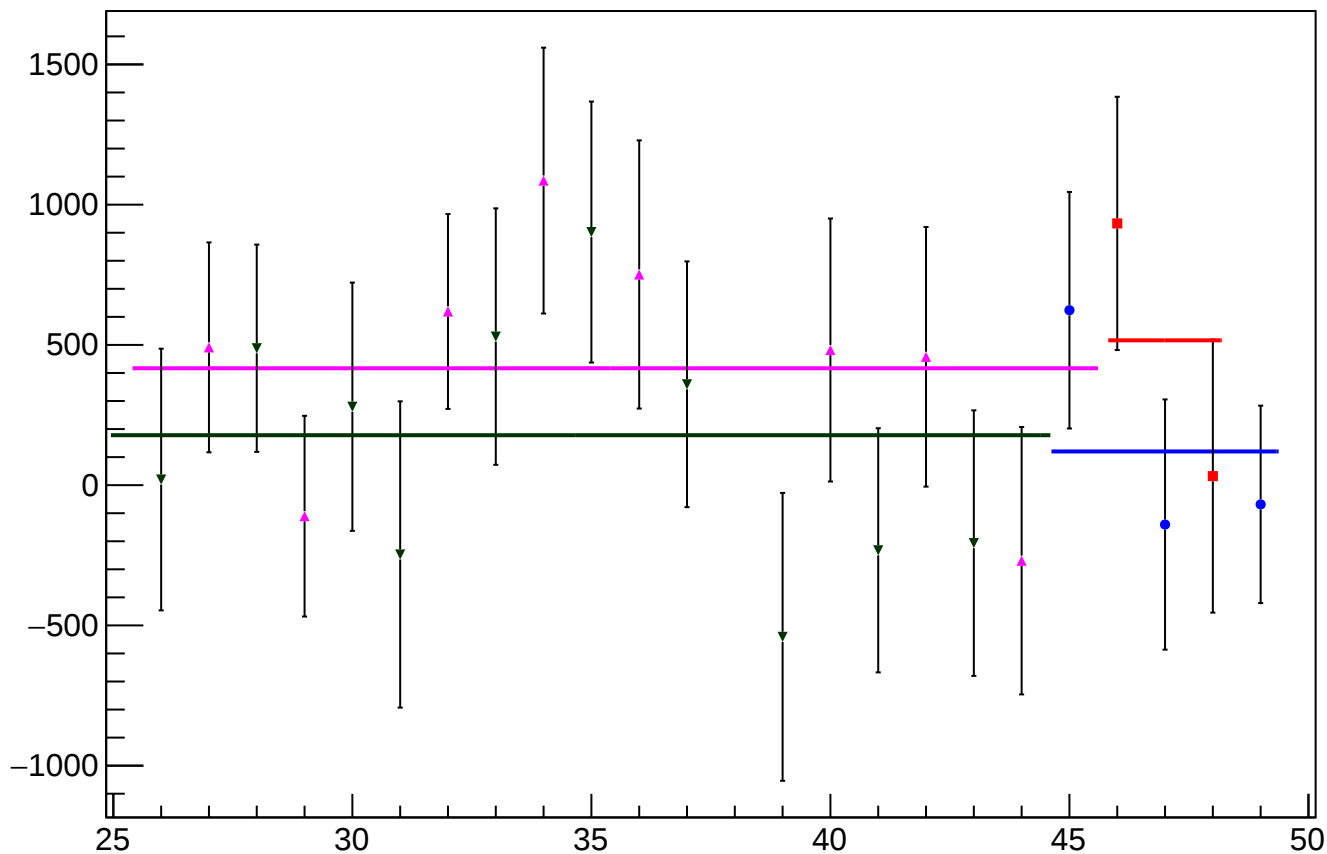
Left Out: 814.342+/-0.259 χ^2/NDF : 293767.4/9

Right Out: 525.938+/-0.388 χ^2/NDF : 14333.3/1

Left In: 768.425+/-0.247 χ^2/NDF : 183671.3/7

710.823+/-0.143 χ^2/NDF : 1364066.9/22

reg_asym_atl_dd_mean vs slug



Right In: 120.159 $\pm$ 231.095 χ^2 /NDF: 2.1/2

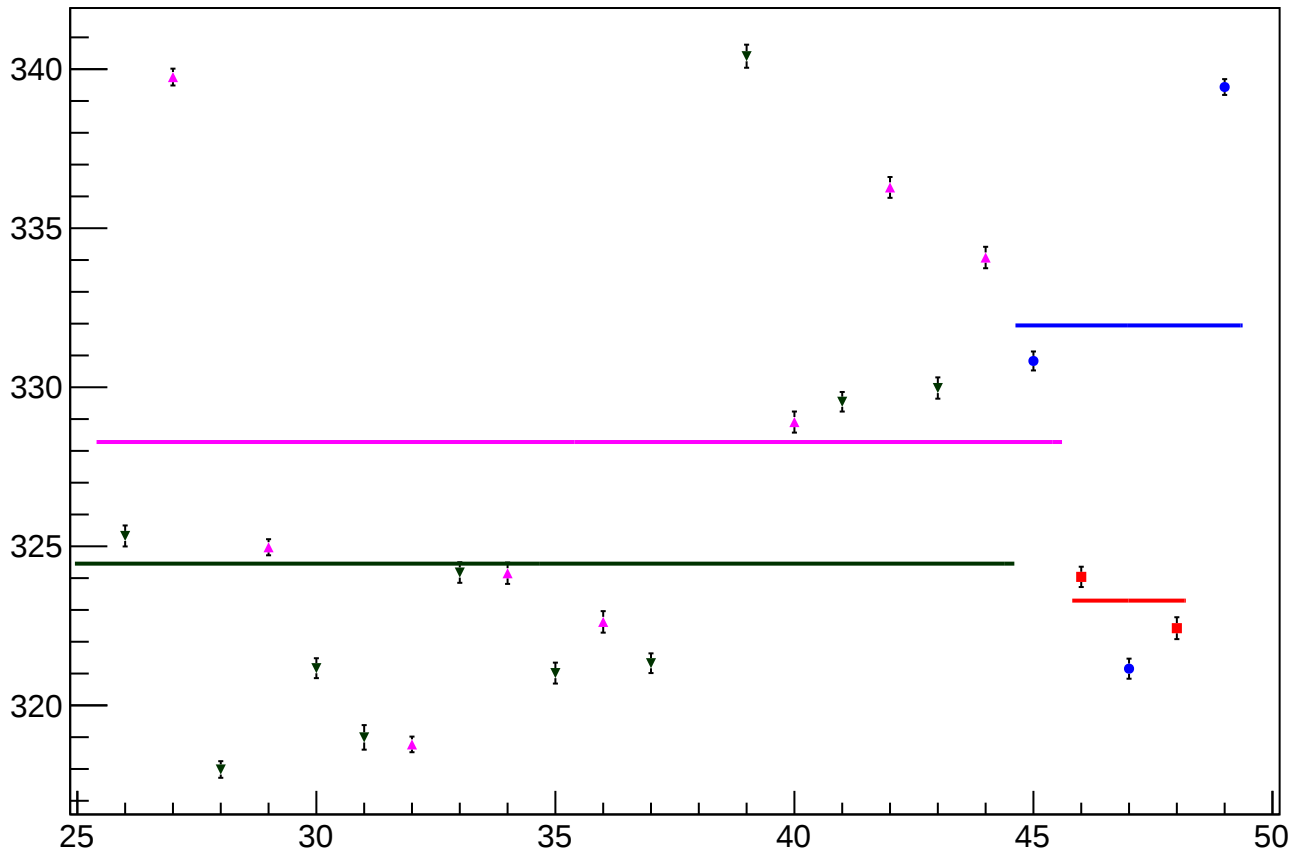
Left Out: 178.098 $\pm$ 143.538 χ^2 /NDF:8.2/9

Right Out: 516.315 $\pm$ 330.975 χ^2 /NDF: 1.8/1

Left In: 416.758 $\pm$ 147.940 χ^2 /NDF:7.1/7

283.824 $\pm$ 90.506 χ^2 /NDF: 21.6/22

reg_asym_atl_dd_rms vs slug



Right In: 331.944 ± 0.163 $\chi^2/\text{NDF}: 2091.5/2$

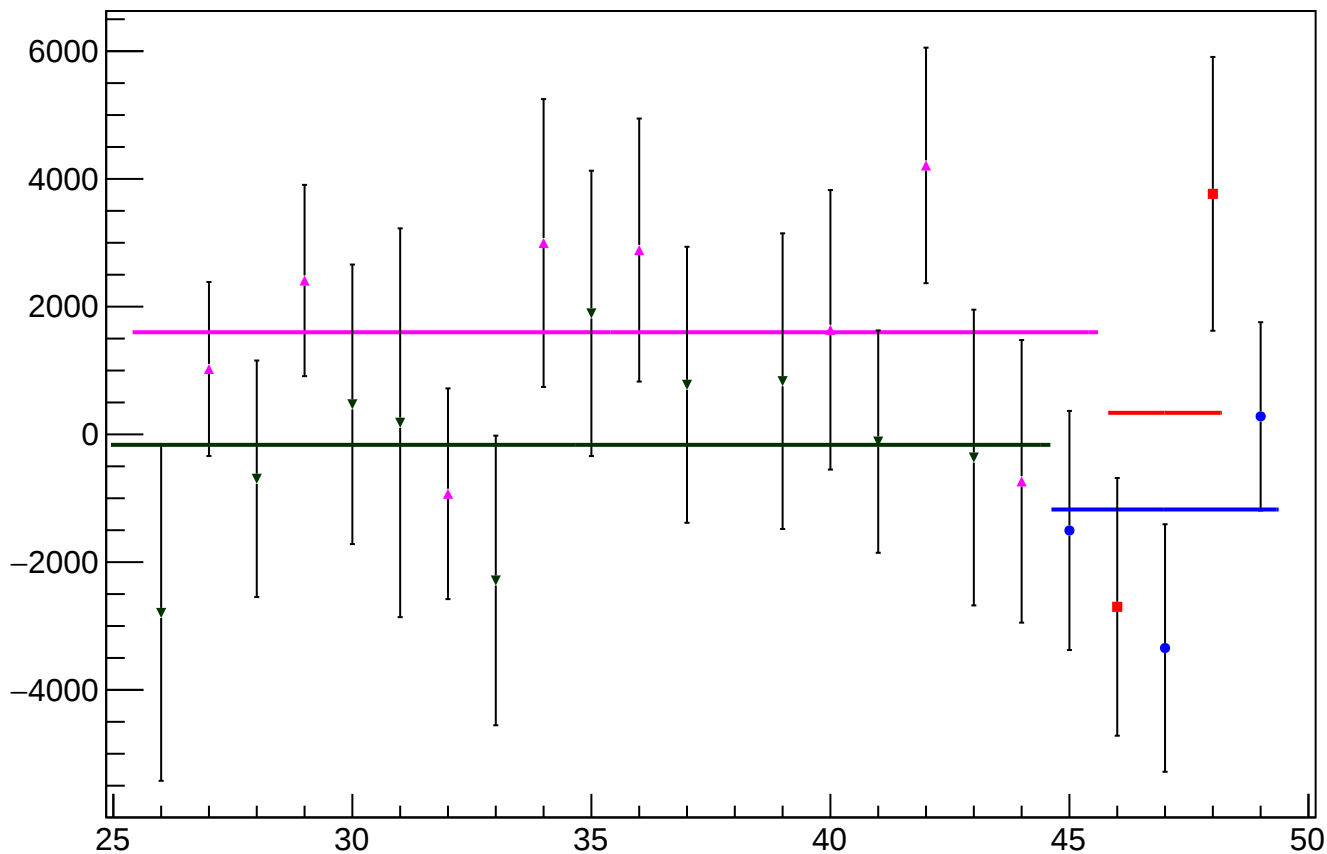
Left Out: 324.455 ± 0.101 $\chi^2/\text{NDF}: 3621.0/9$

Right Out: 323.293 ± 0.234 $\chi^2/\text{NDF}: 11.8/1$

Left In: 328.279 ± 0.105 $\chi^2/\text{NDF}: 4878.6/7$

326.948 ± 0.064 $\chi^2/\text{NDF}: 12546.6/22$

asym_atl_dd_correction_mean vs slug



Right In: -1175.813+/-994.068 χ^2/NDF : 2.3/2

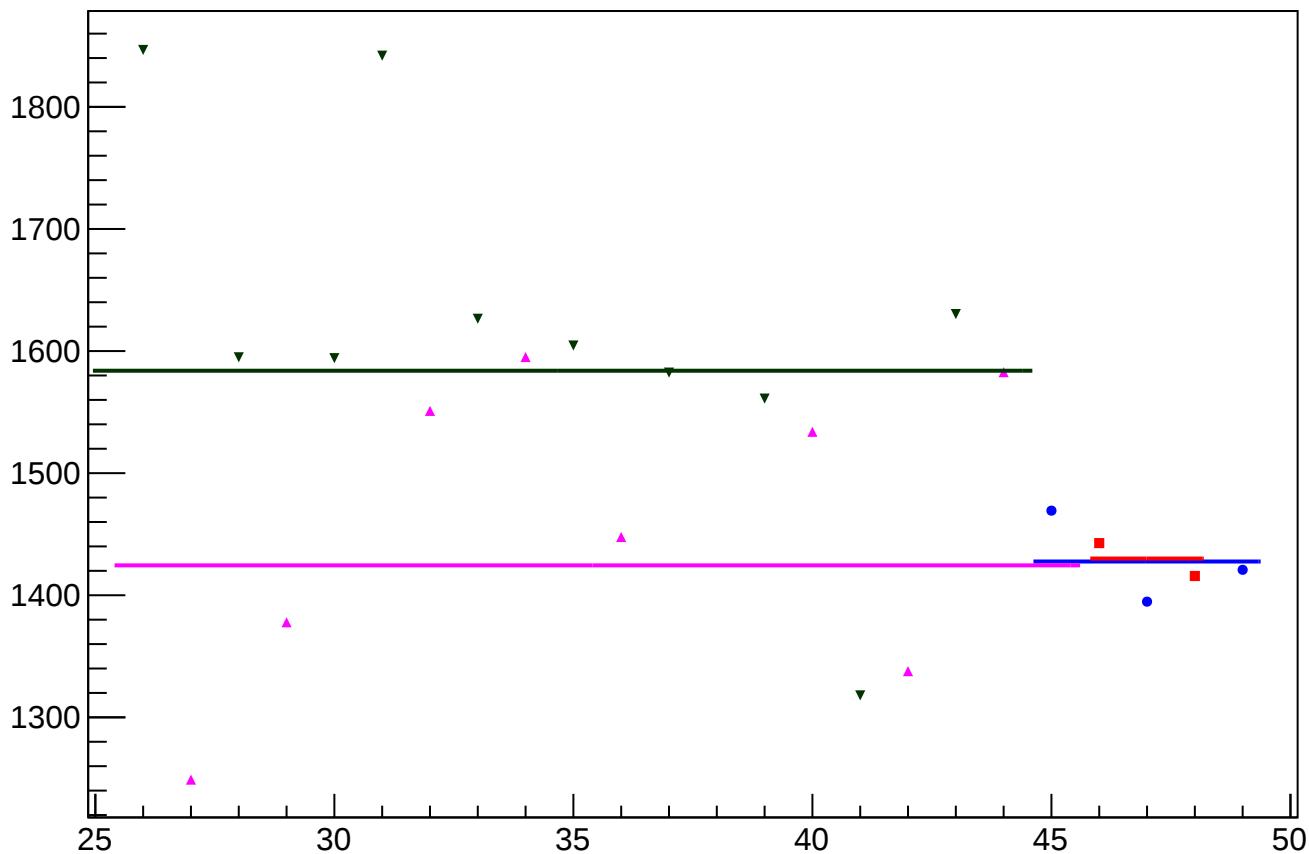
Left Out: -163.511+/-695.796 χ^2/NDF : 3.3/9

Right Out: 338.198+/-1469.146 χ^2/NDF : 4.8/1

Left In: 1599.395+/-633.470 χ^2/NDF : 6.7/7

433.420+/-407.136 χ^2/NDF : 23.8/22

asym_atl_dd_correction_rms vs slug



Right In: 1427.646+/-0.703 χ^2/NDF : 1608.5/2

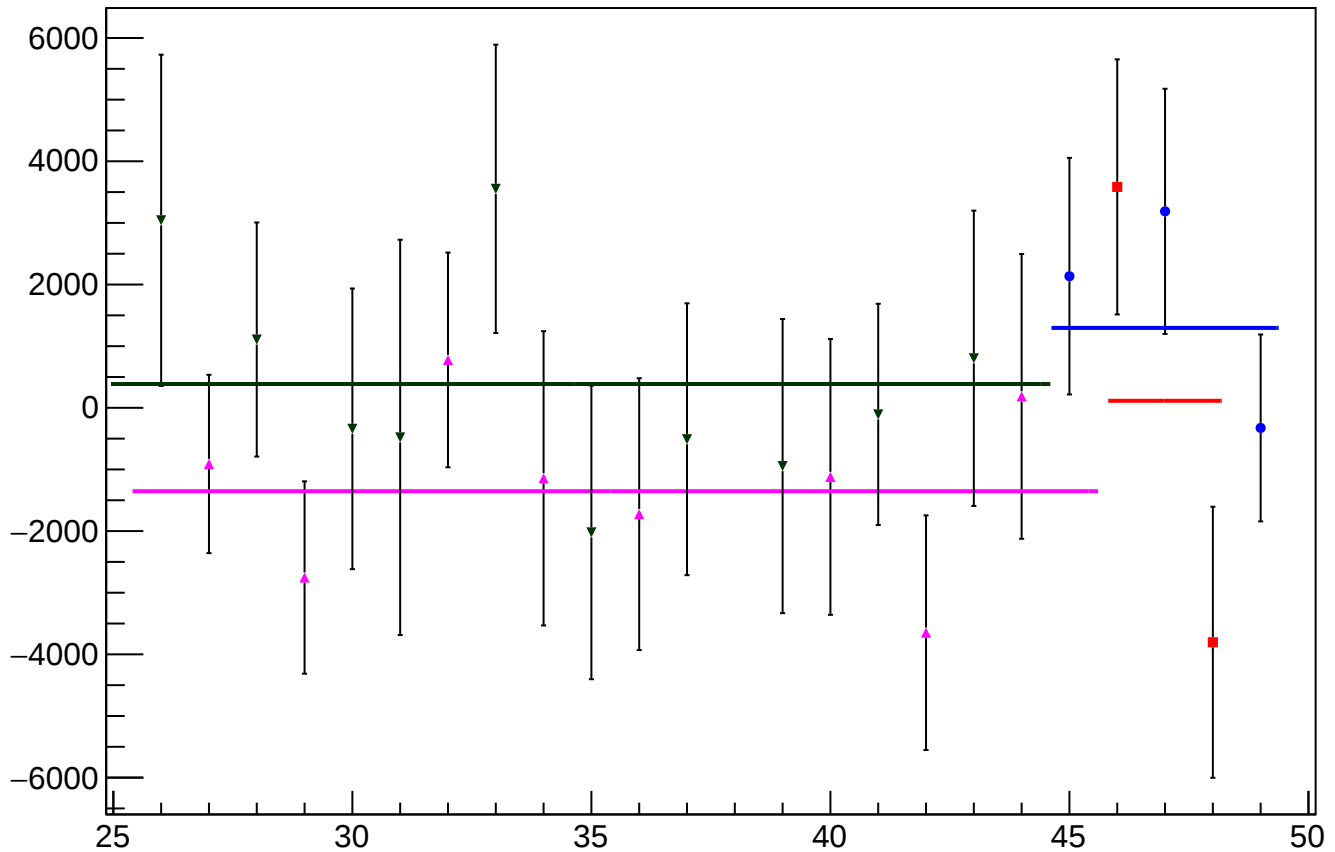
Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

Right Out: 1430.058+/-1.039 χ^2/NDF : 167.6/1

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1480.028+/-0.288 χ^2/NDF : 230857.0/22

asym_atl_dd_mean vs slug



Right In: 1296.274 ± 1020.915 $\chi^2/\text{NDF}: 2.2/2$

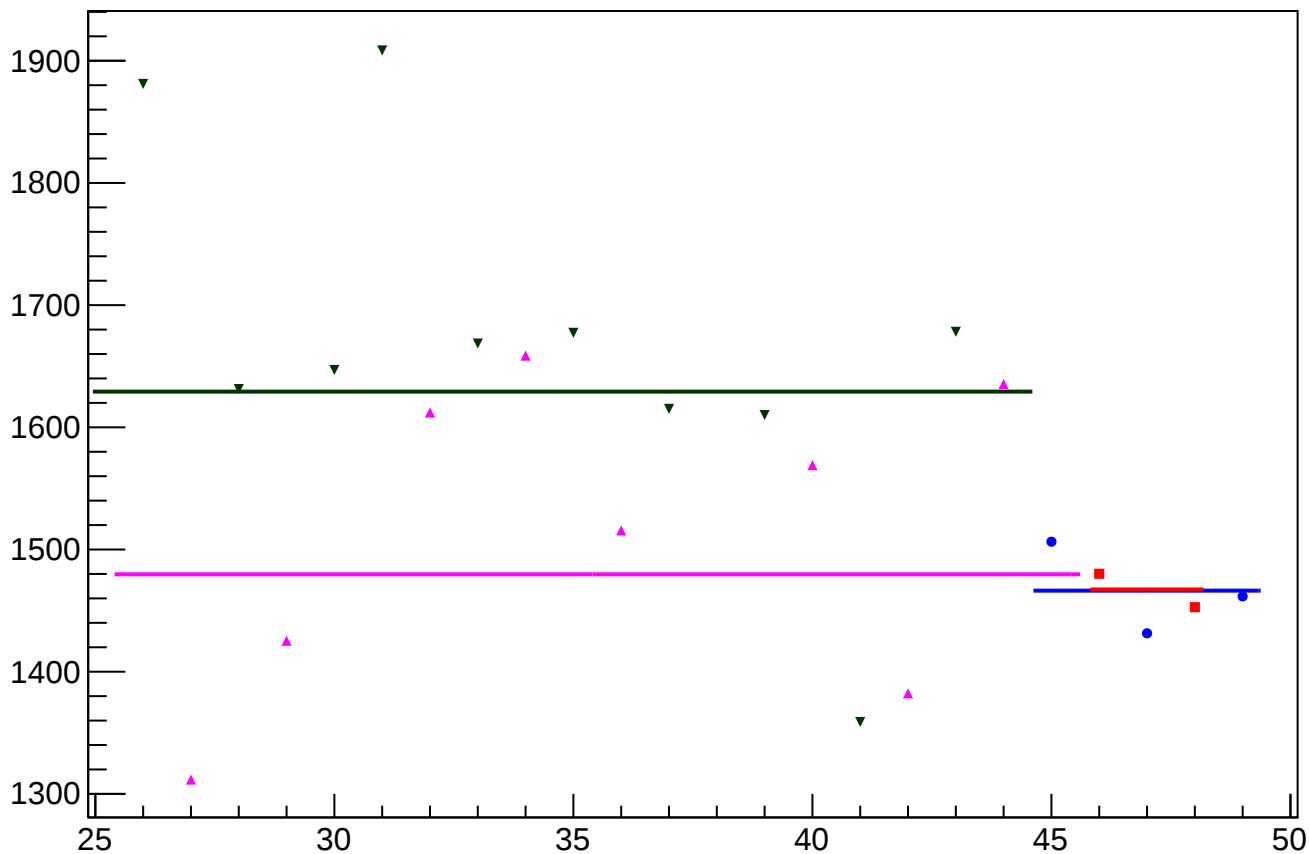
Left Out: 386.051 ± 719.673 $\chi^2/\text{NDF}: 4.7/9$

-182.795 ± 422.844 $\chi^2/\text{NDF}: 23.2/22$

Right Out: 114.095 ± 1506.897 $\chi^2/\text{NDF}: 6.0/1$

Left In: -1353.325 ± 664.845 $\chi^2/\text{NDF}: 4.3/7$

asym_atl_dd_rms vs slug



Right In: 1466.338+/-0.722 χ^2/NDF : 1507.1/2

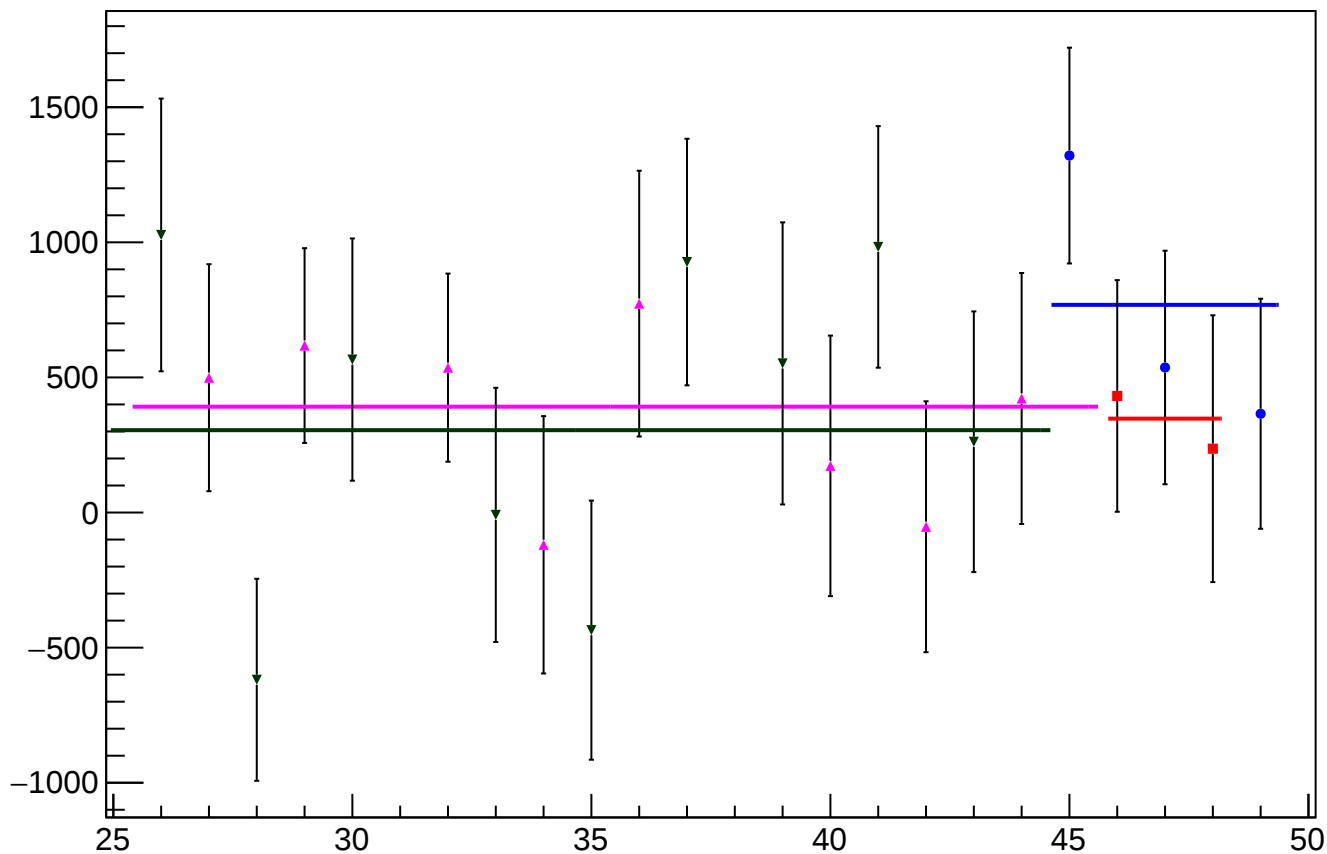
Left Out: 1629.236+/-0.509 χ^2/NDF : 80669.5/9

Right Out: 1467.311+/-1.066 χ^2/NDF : 164.2/1

Left In: 1479.724+/-0.470 χ^2/NDF : 70261.1/7

1528.064+/-0.299 χ^2/NDF : 213262.8/22

reg_asym_atr_avg_mean vs slug



Right In: 768.597 ± 241.521 χ^2/NDF : 3.1/2

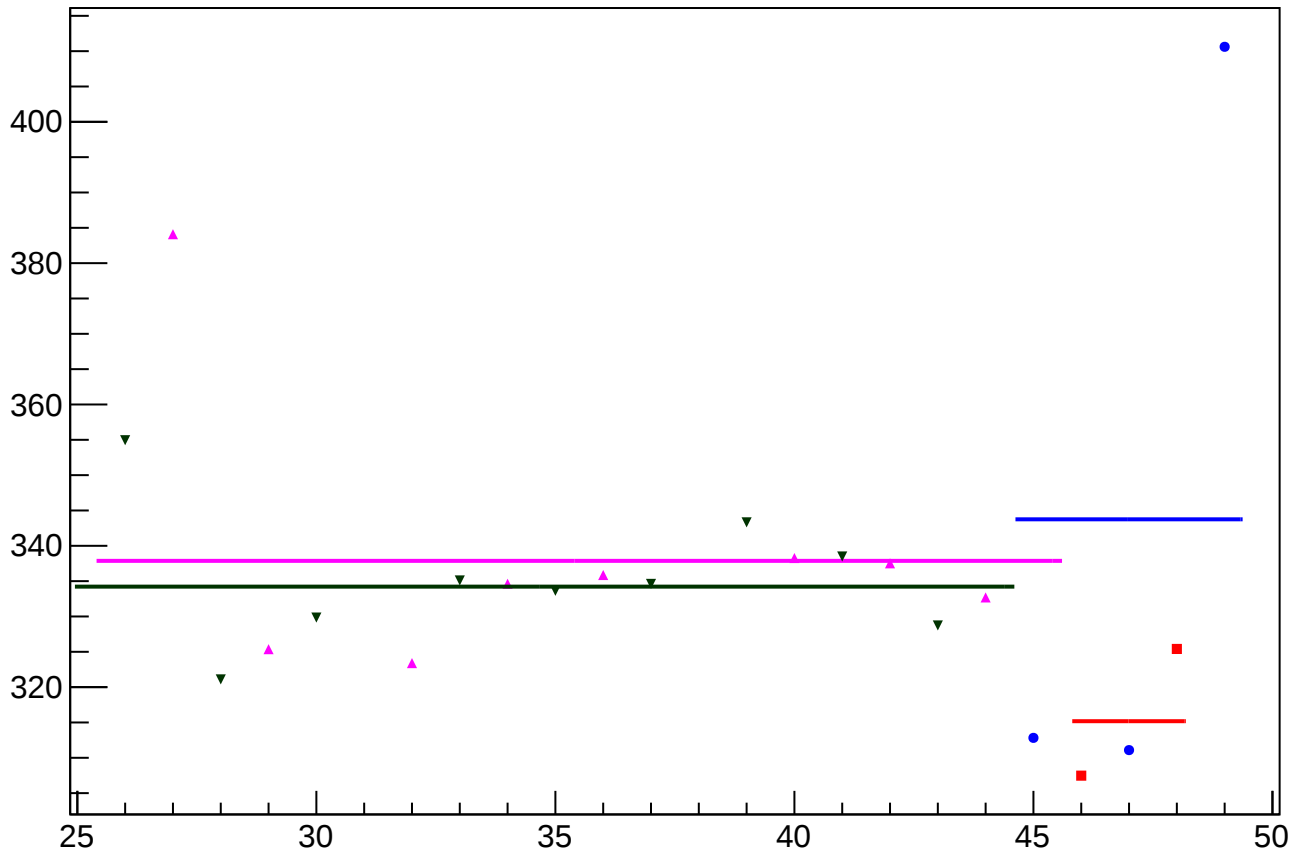
Left Out: 304.753 ± 153.029 χ^2/NDF : 15.7/8

Right Out: 347.564 ± 323.680 χ^2/NDF : 0.1/1

Left In: 391.742 ± 151.210 χ^2/NDF : 3.5/7

412.287 ± 94.019 χ^2/NDF : 25.1/21

reg_asym_atr_avg_rms vs slug



Right In: 343.749 $\pm$ 0.171 χ^2 /NDF: 72752.2/2

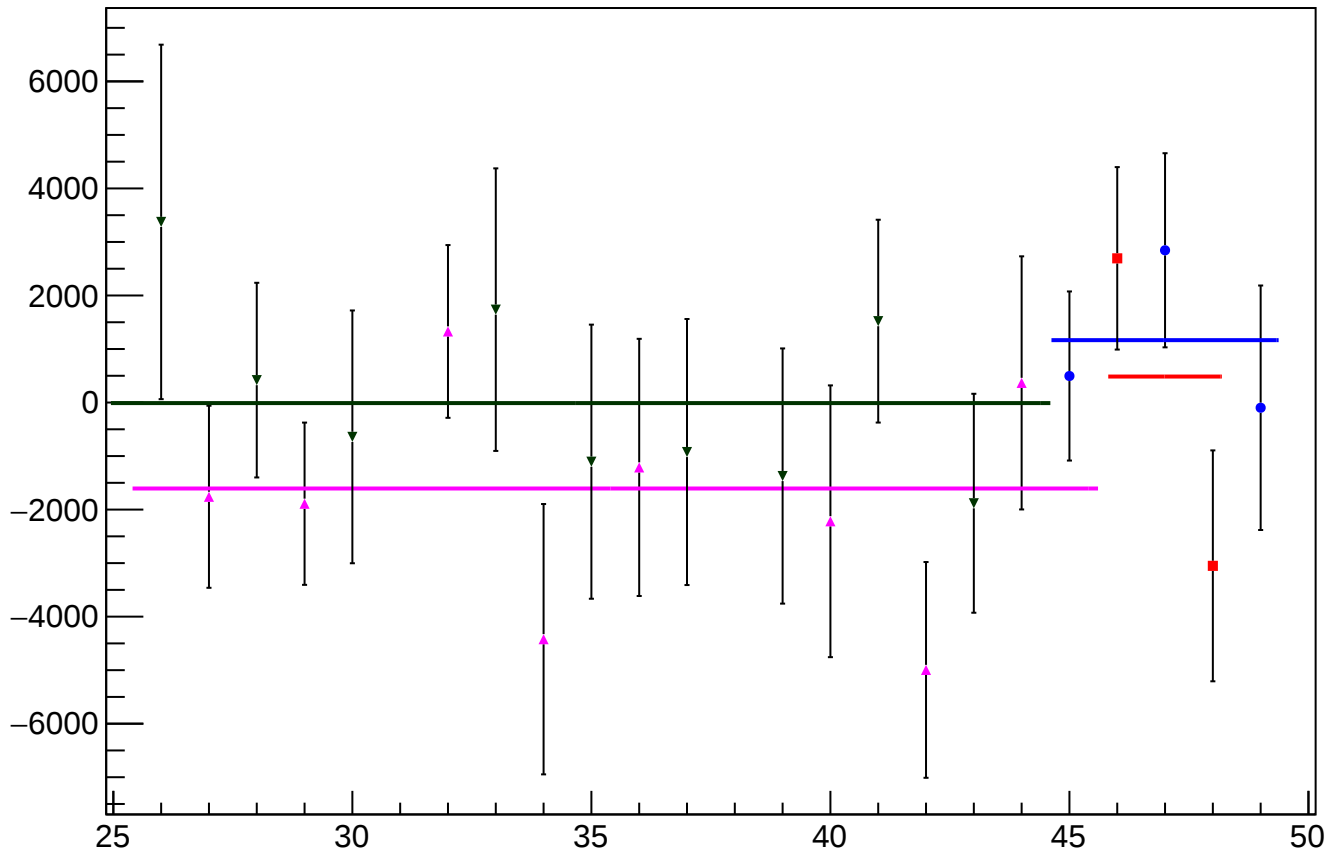
Left Out: 334.224 $\pm$ 0.108 χ^2 /NDF: 7088.3/8

Right Out: 315.180 $\pm$ 0.229 χ^2 /NDF: 1504.2/1

Left In: 337.871 $\pm$ 0.107 χ^2 /NDF: 30461.2/7

335.470 $\pm$ 0.066 χ^2 /NDF: 122651.6/21

asym_atr_avg_correction_mean vs slug



Right In: 1165.518 $\pm$ 1056.112 χ^2 /NDF: 1.3/2

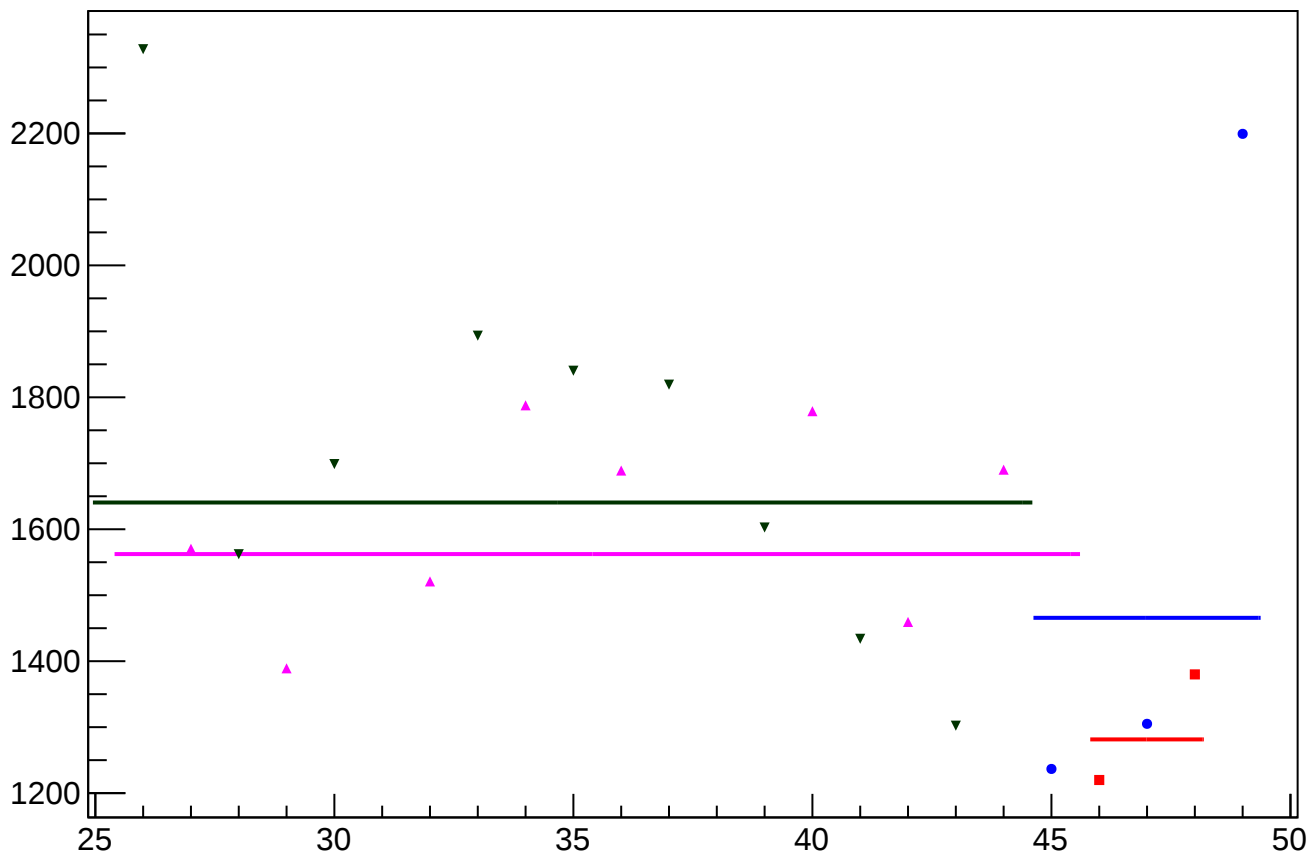
Left Out: -10.269 $\pm$ 761.494 χ^2 /NDF: 3.7/8

-387.075 $\pm$ 436.212 χ^2 /NDF: 23.6/21

Right Out: 485.557 $\pm$ 1337.334 χ^2 /NDF: 4.4/1

Left In: -1606.123 $\pm$ 694.183 χ^2 /NDF: 8.2/7

asym_atr_avg_correction_rms vs slug



Right In: 1465.735+/-0.747 χ^2/NDF : 264131.6/2

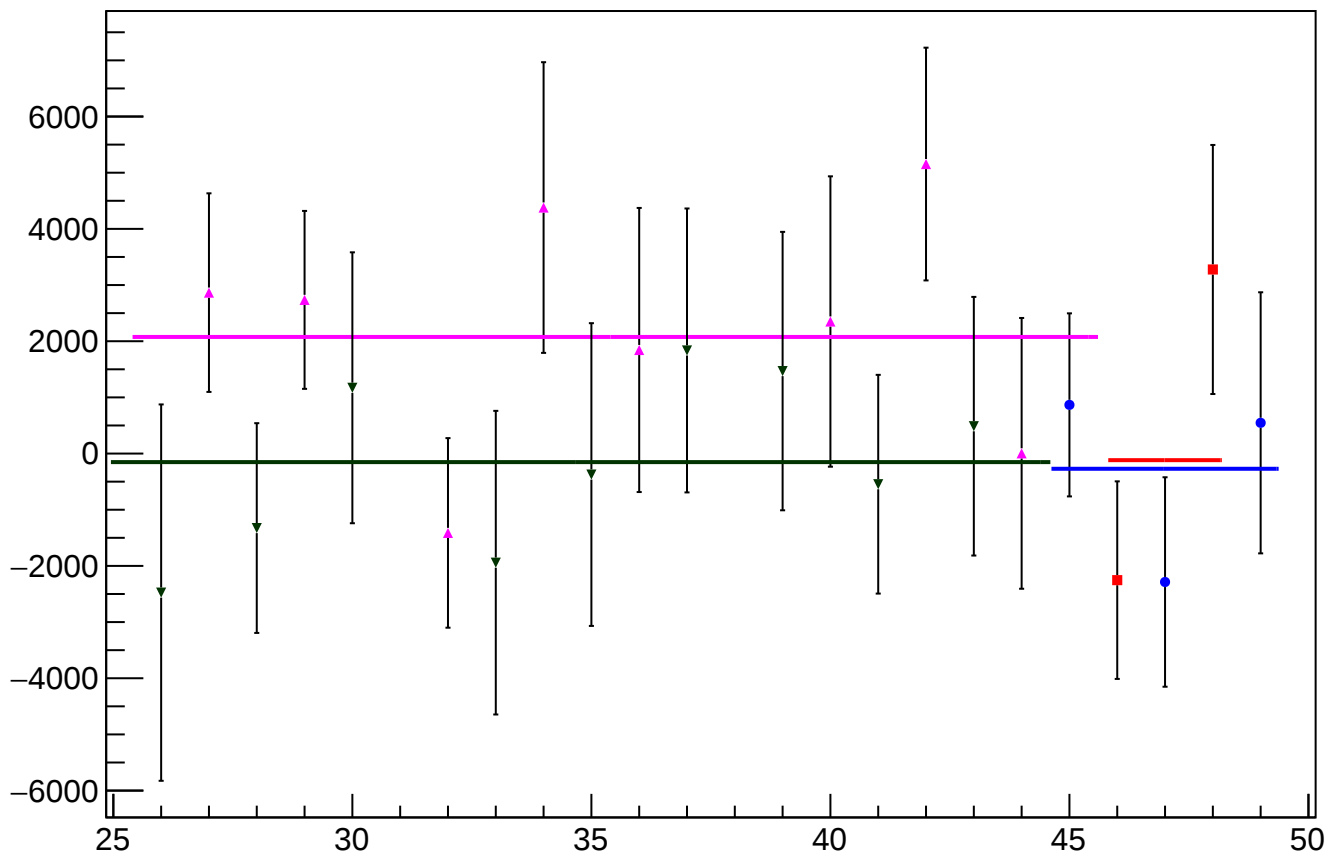
Left Out: 1640.545+/-0.538 χ^2/NDF : 210924.6/8

Right Out: 1281.437+/-0.946 χ^2/NDF : 6780.8/1

Left In: 1562.373+/-0.491 χ^2/NDF : 74594.6/7

1541.649+/-0.308 χ^2/NDF : 677999.8/21

asym_atr_avg_mean vs slug



Right In: -270.841+/-1085.024 χ^2/NDF : 1.8/2

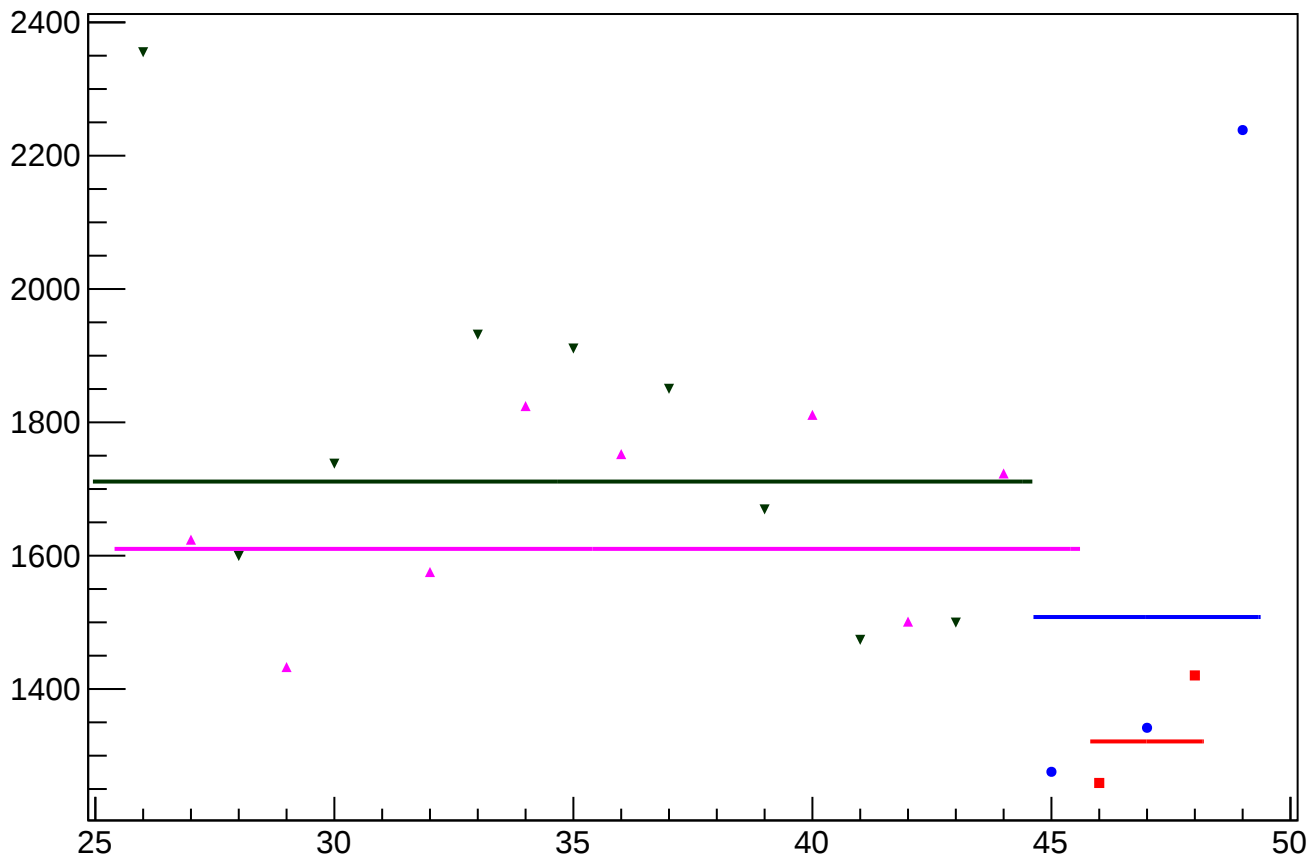
Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

Right Out: -117.542+/-1377.800 χ^2/NDF : 3.8/1

Left In: 2075.972+/-719.755 χ^2/NDF : 8.4/7

708.582+/-451.714 χ^2/NDF : 22.8/21

asym_atr_avg_rms vs slug



Right In: 1507.988+/-0.767 χ^2/NDF : 254060.5/2

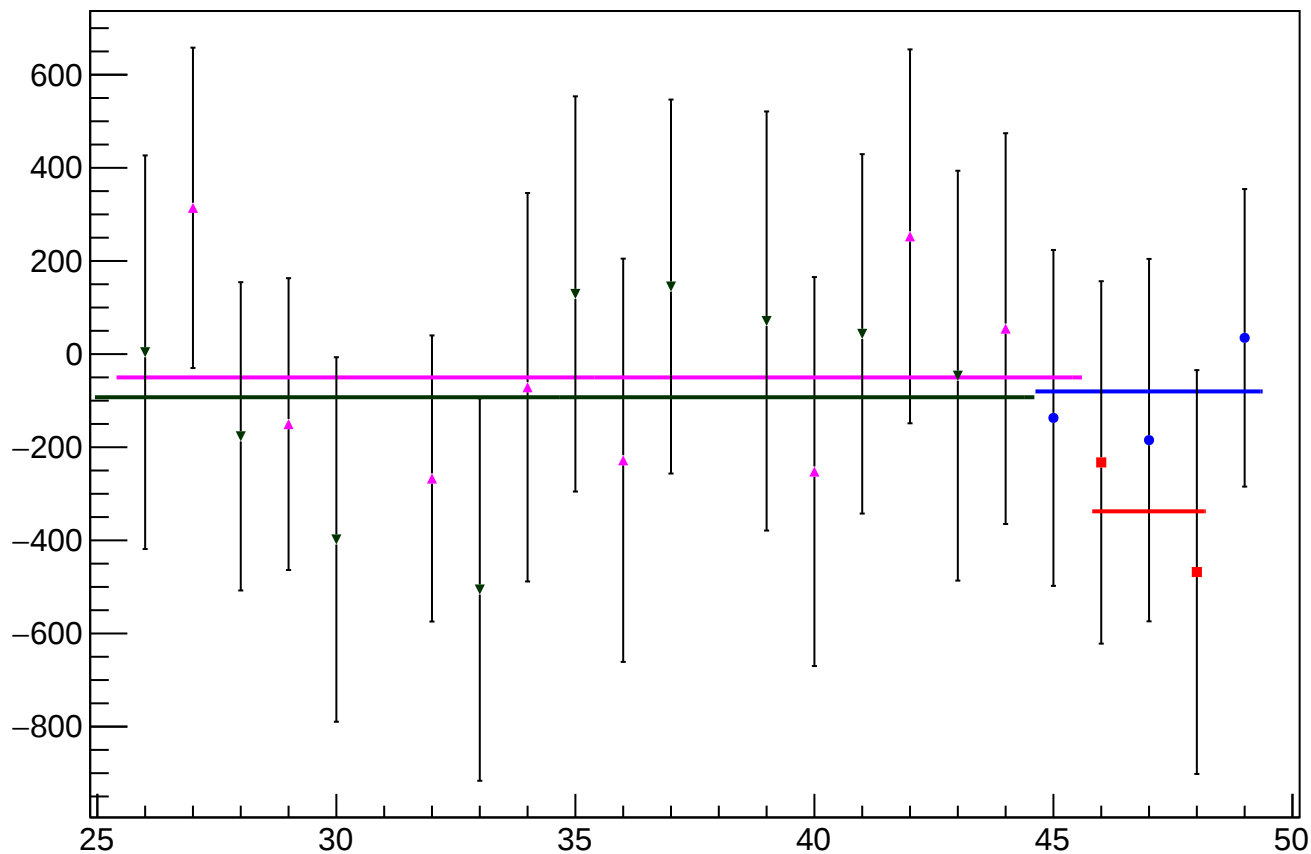
Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

Right Out: 1321.362+/-0.974 χ^2/NDF : 6498.1/1

Left In: 1610.194+/-0.509 χ^2/NDF :68104.2/7

1594.290+/-0.319 χ^2/NDF : 623167.3/21

reg_asym_atr_dd_mean vs slug



Right In: -80.172 ± 203.766 $\chi^2/\text{NDF}: 0.2/2$

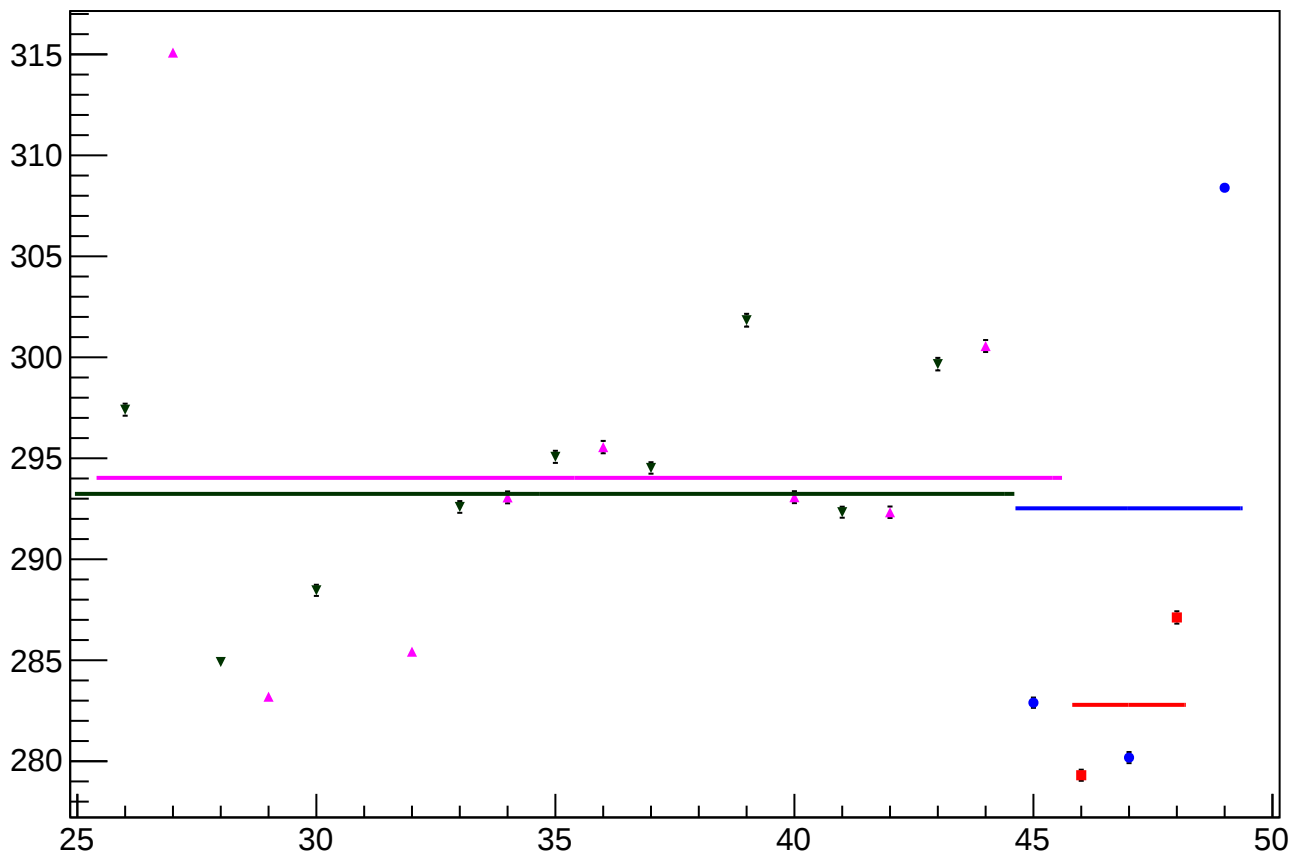
Left Out: -92.623 ± 133.933 $\chi^2/\text{NDF}: 2.6/8$

Right Out: -337.652 ± 289.637 $\chi^2/\text{NDF}: 0.2/1$

Left In: -50.044 ± 131.389 $\chi^2/\text{NDF}: 2.8/7$

-93.655 ± 81.737 $\chi^2/\text{NDF}: 6.6/21$

reg_asym_atr_dd_rms vs slug



Right In: 292.523+/-0.144 χ^2/NDF : 8371.1/2

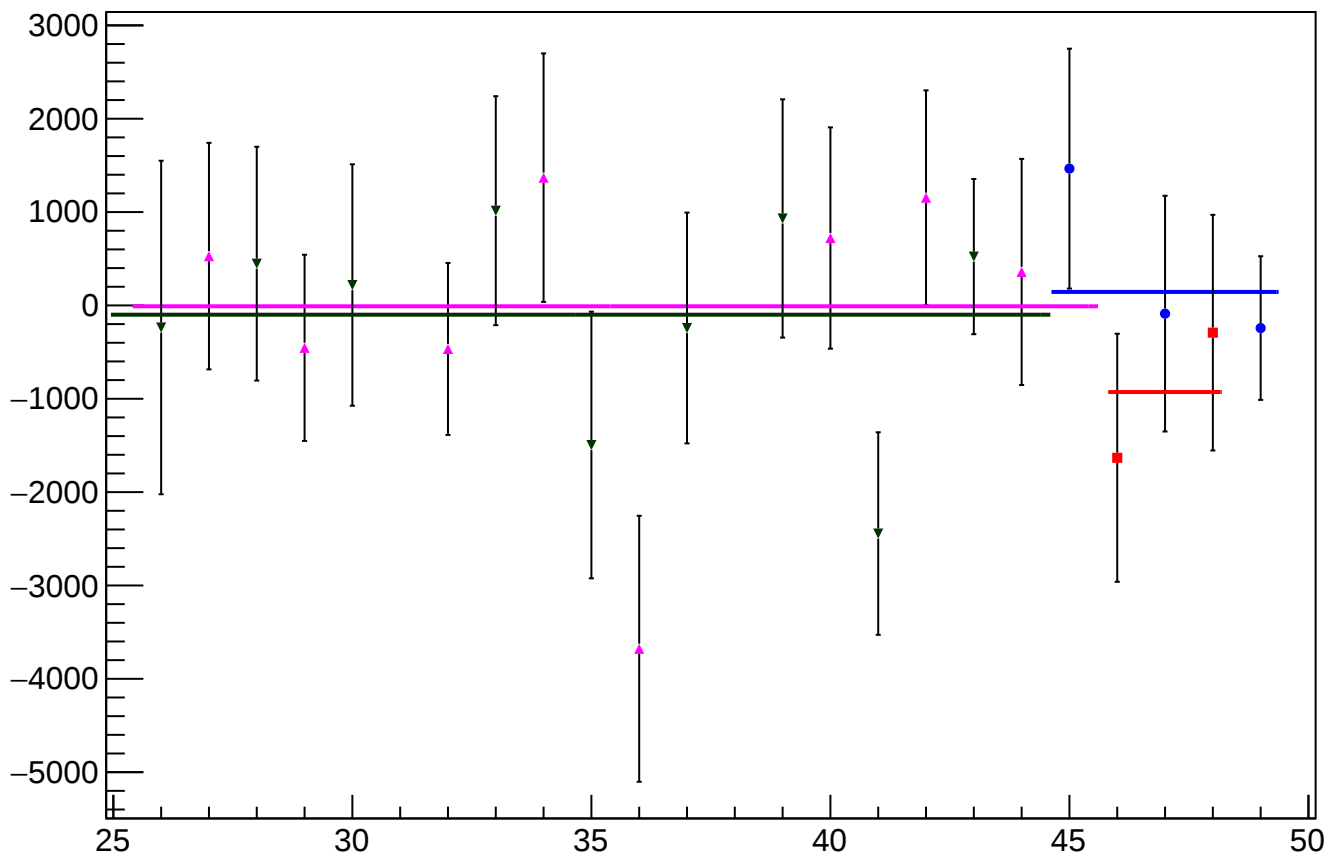
Left Out: 293.238+/-0.095 χ^2/NDF : 2987.1/8

Right Out: 282.792+/-0.205 χ^2/NDF : 359.6/1

Left In: 294.031+/-0.093 χ^2/NDF : 12021.0/7

292.598+/-0.058 χ^2/NDF : 26315.3/21

asym_atr_dd_correction_mean vs slug



Right In: 144.582 $\pm$ 584.960 χ^2 /NDF: 1.3/2

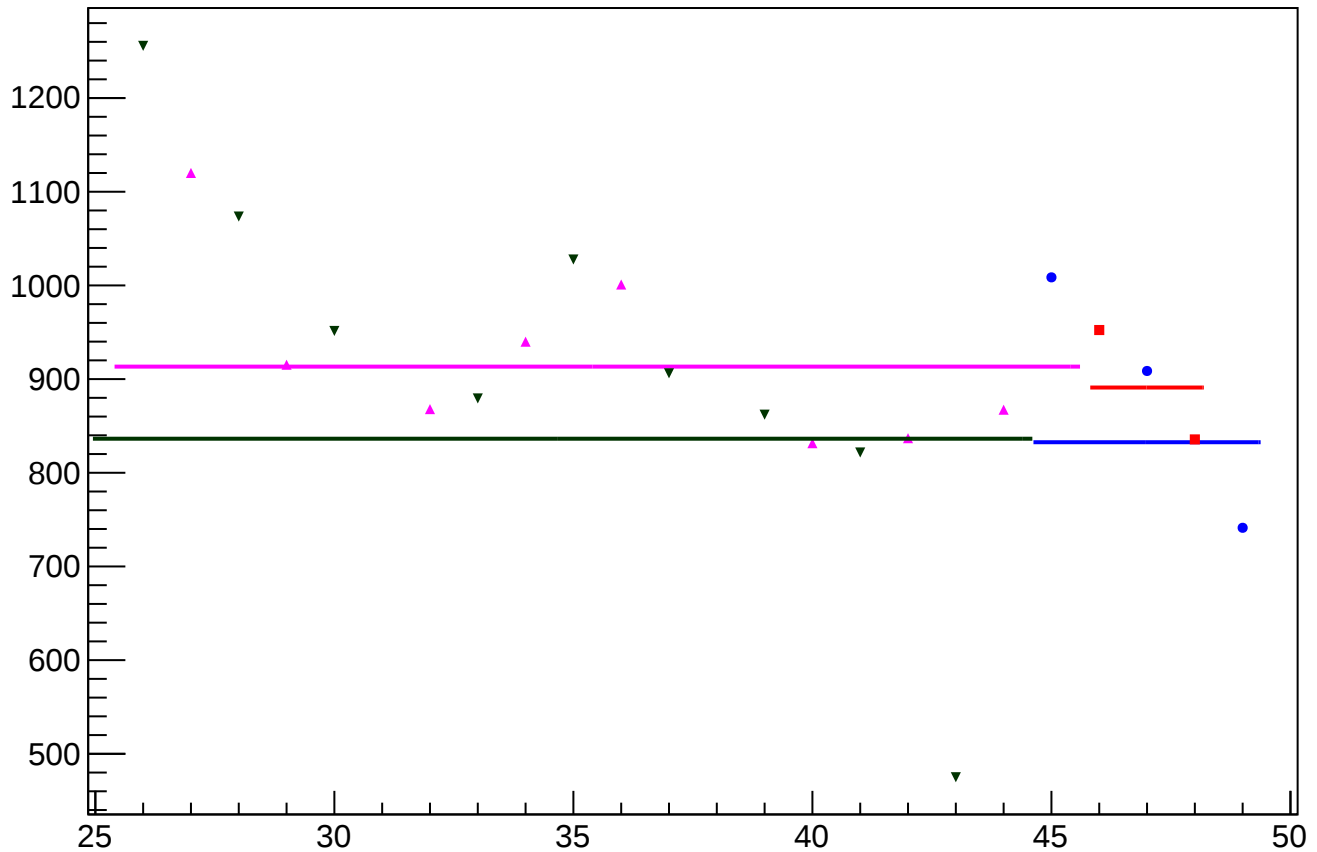
Left Out: -99.338 $\pm$ 399.387 χ^2 /NDF: 7.9/8

Right Out: -927.730 $\pm$ 915.140 χ^2 /NDF: 0.5/1

Left In: -9.316 $\pm$ 405.898 χ^2 /NDF: 9.8/7

-82.924 $\pm$ 246.516 χ^2 /NDF: 20.7/21

asym_atr_dd_correction_rms vs slug



Right In: 832.615 ± 0.414 χ^2/NDF : 72966.8/2

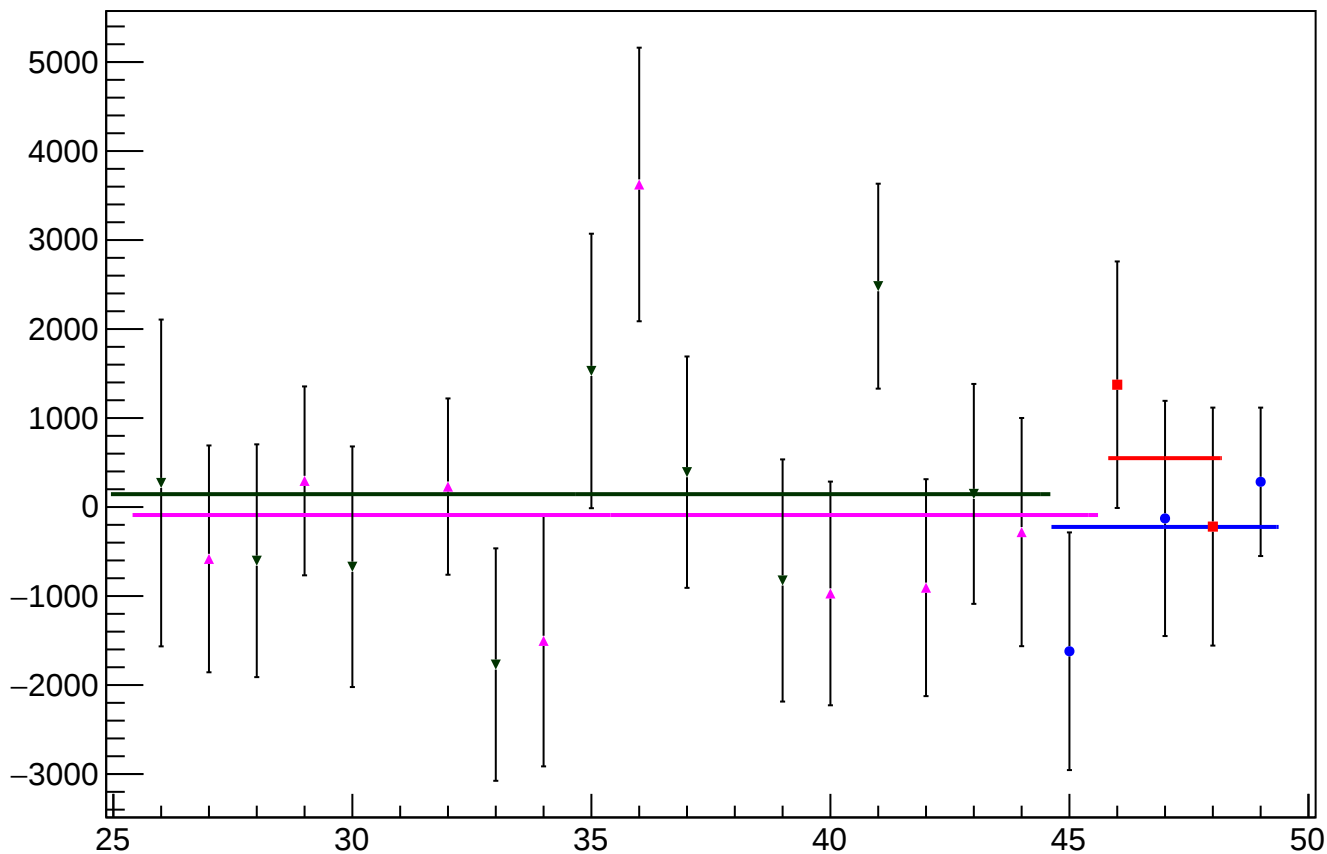
Left Out: 836.361 ± 0.282 χ^2/NDF : 621502.5/8

Right Out: 891.004 ± 0.647 χ^2/NDF : 8119.7/1

Left In: 913.324 ± 0.287 χ^2/NDF : 92509.5/7

868.049 ± 0.174 χ^2/NDF : 841169.3/21

asym_atr_dd_mean vs slug



Right In: -223.472+/-623.554 χ^2/NDF : 1.5/2

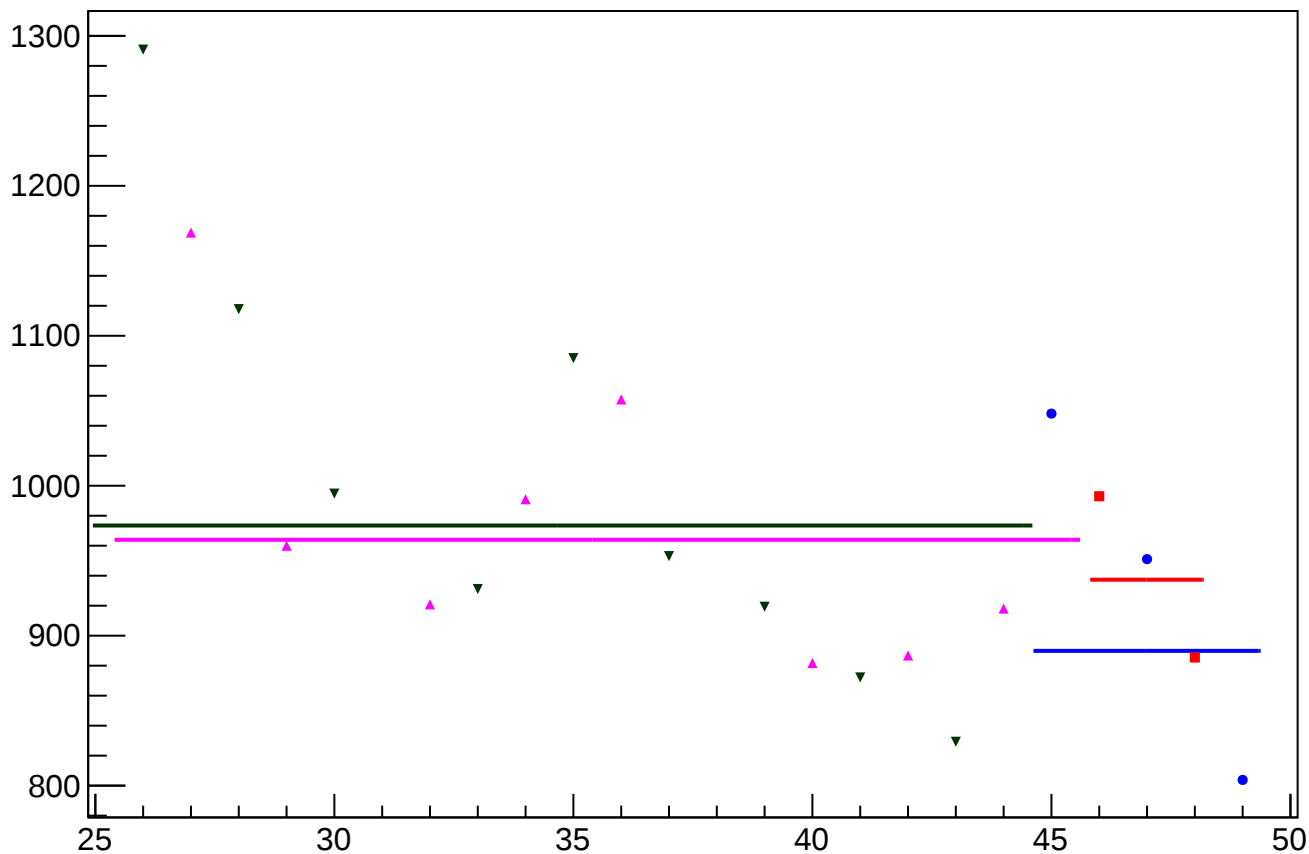
Left Out: 144.740+/-448.245 χ^2/NDF : 8.3/8

Right Out: 549.274+/-961.937 χ^2/NDF : 0.7/1

Left In: -89.559+/-431.788 χ^2/NDF : 8.2/7

18.500+/-267.326 χ^2/NDF : 19.3/21

asym_atr_dd_rms vs slug



Right In: 889.881+/-0.441 χ^2/NDF : 53676.3/2

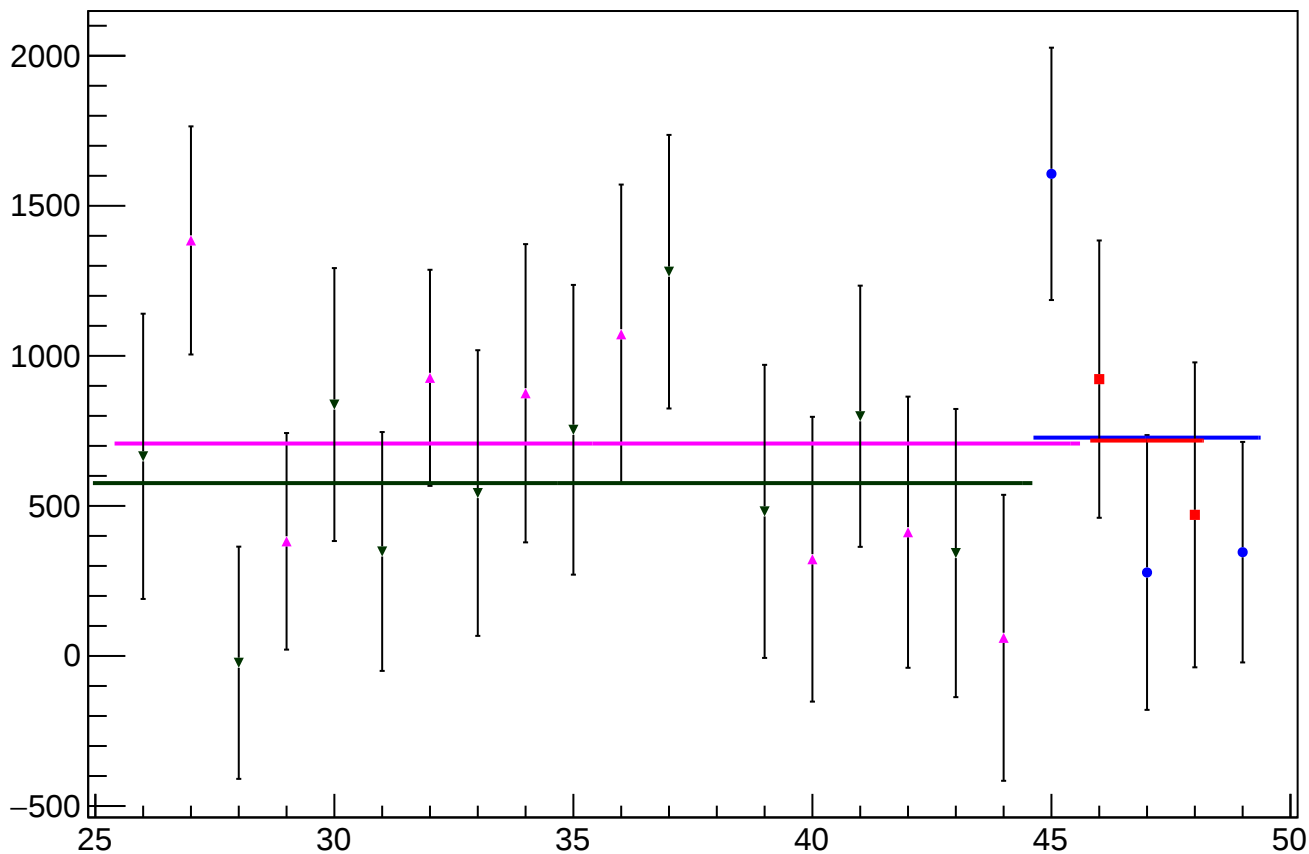
Left Out: 973.478+/-0.317 χ^2/NDF : 143582.3/8

Right Out: 937.331+/-0.680 χ^2/NDF : 6238.7/1

Left In: 963.964+/-0.305 χ^2/NDF : 82771.8/7

951.675+/-0.189 χ^2/NDF : 312706.9/21

reg_asym_at1_avg_mean vs slug



Right In: 727.534 $\pm$ 236.789 χ^2 /NDF: 6.4/2

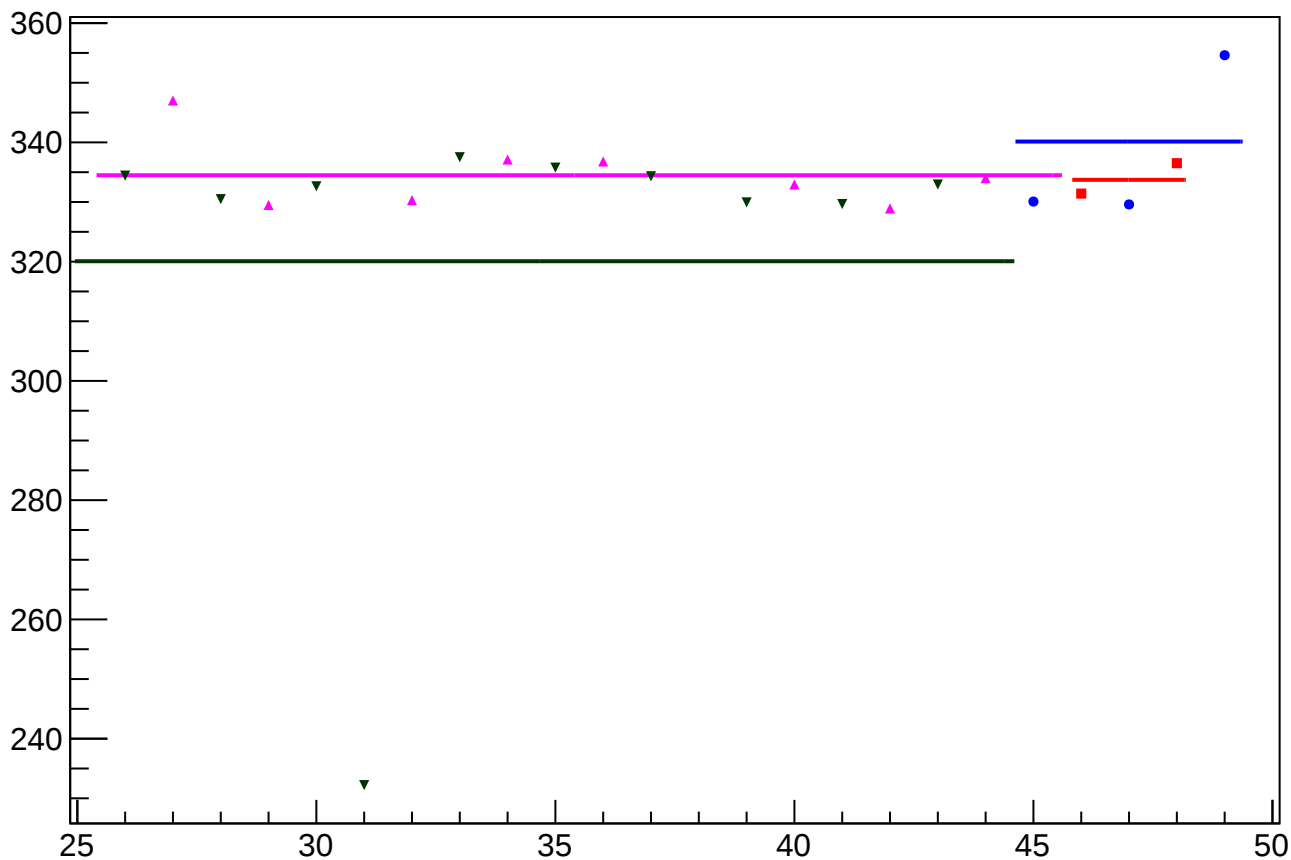
Left Out: 575.997 $\pm$ 142.011 χ^2 /NDF: 6.2/9

Right Out: 717.749 $\pm$ 341.828 χ^2 /NDF: 0.4/1

Left In: 707.882 $\pm$ 150.536 χ^2 /NDF: 7.9/7

657.056 $\pm$ 91.246 χ^2 /NDF: 21.5/22

reg_asym_at1_avg_rms vs slug



Right In: 340.140+/-0.167 χ^2/NDF : 5312.3/2

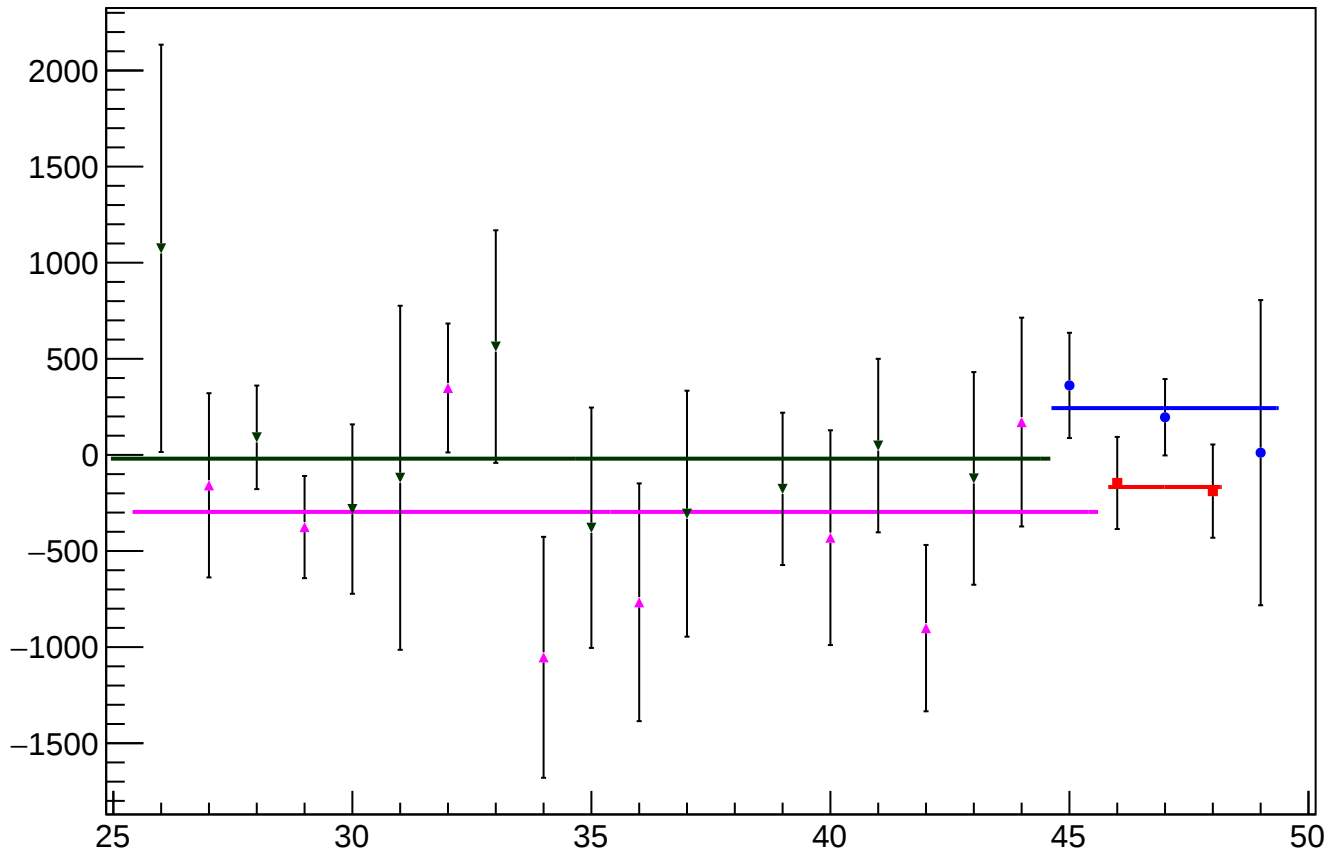
Left Out: 320.067+/-0.100 χ^2/NDF : 112253.2/9

Right Out: 333.721+/-0.242 χ^2/NDF : 110.3/1

Left In: 334.490+/-0.106 χ^2/NDF : 3253.4/7

329.320+/-0.065 χ^2/NDF : 136286.1/22

asym_at1_avg_correction_mean vs slug



Right In: 243.562±157.615 χ^2/NDF : 0.3/2

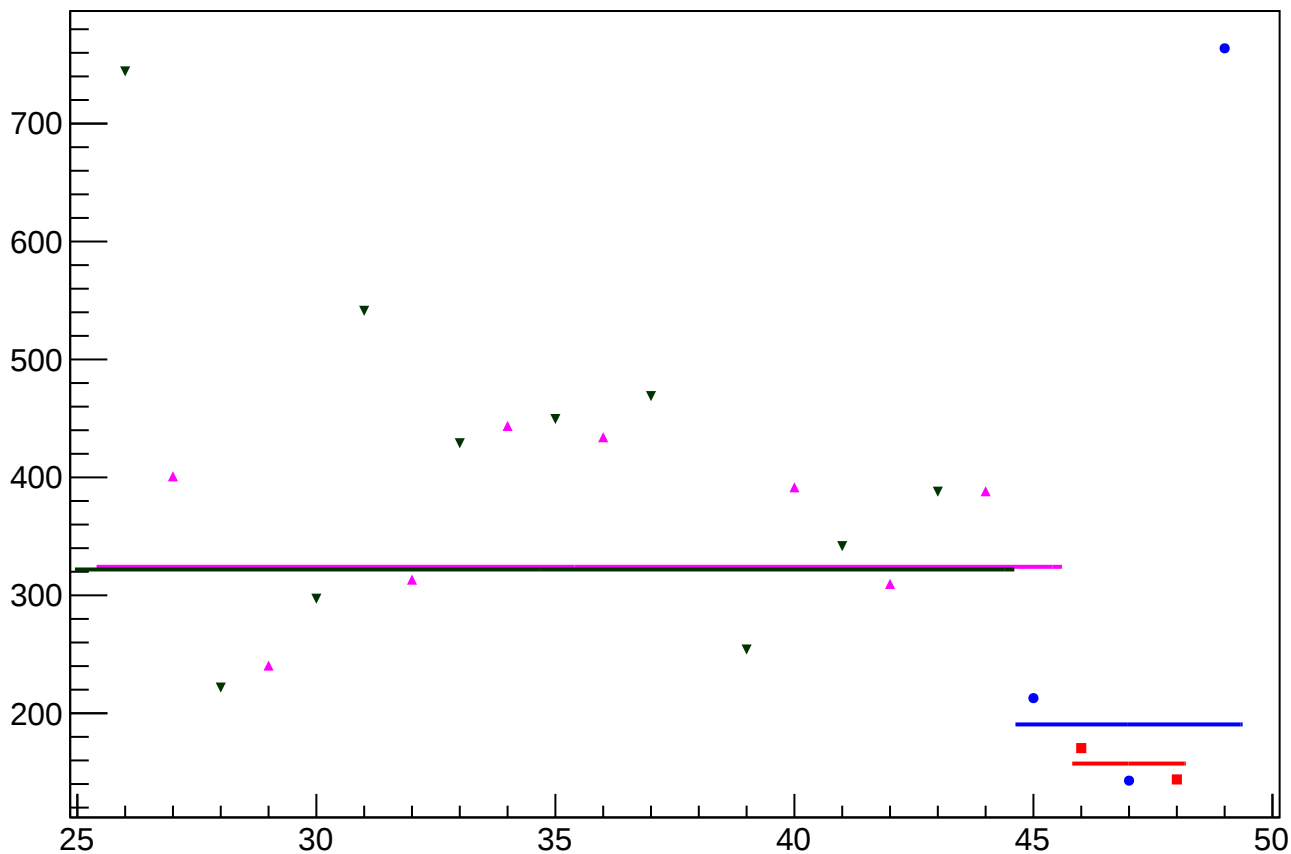
Left Out: -19.517±151.896 χ^2/NDF : 3.3/9

-61.451±78.446 χ^2/NDF : 18.9/22

Right Out: -166.950±170.464 χ^2/NDF : 0.0/1

Left In: -296.652±149.919 χ^2/NDF : 8.7/7

asym_at1_avg_correction_rms vs slug



Right In: 190.530 ± 0.111 χ^2/NDF : 1171165.7/2

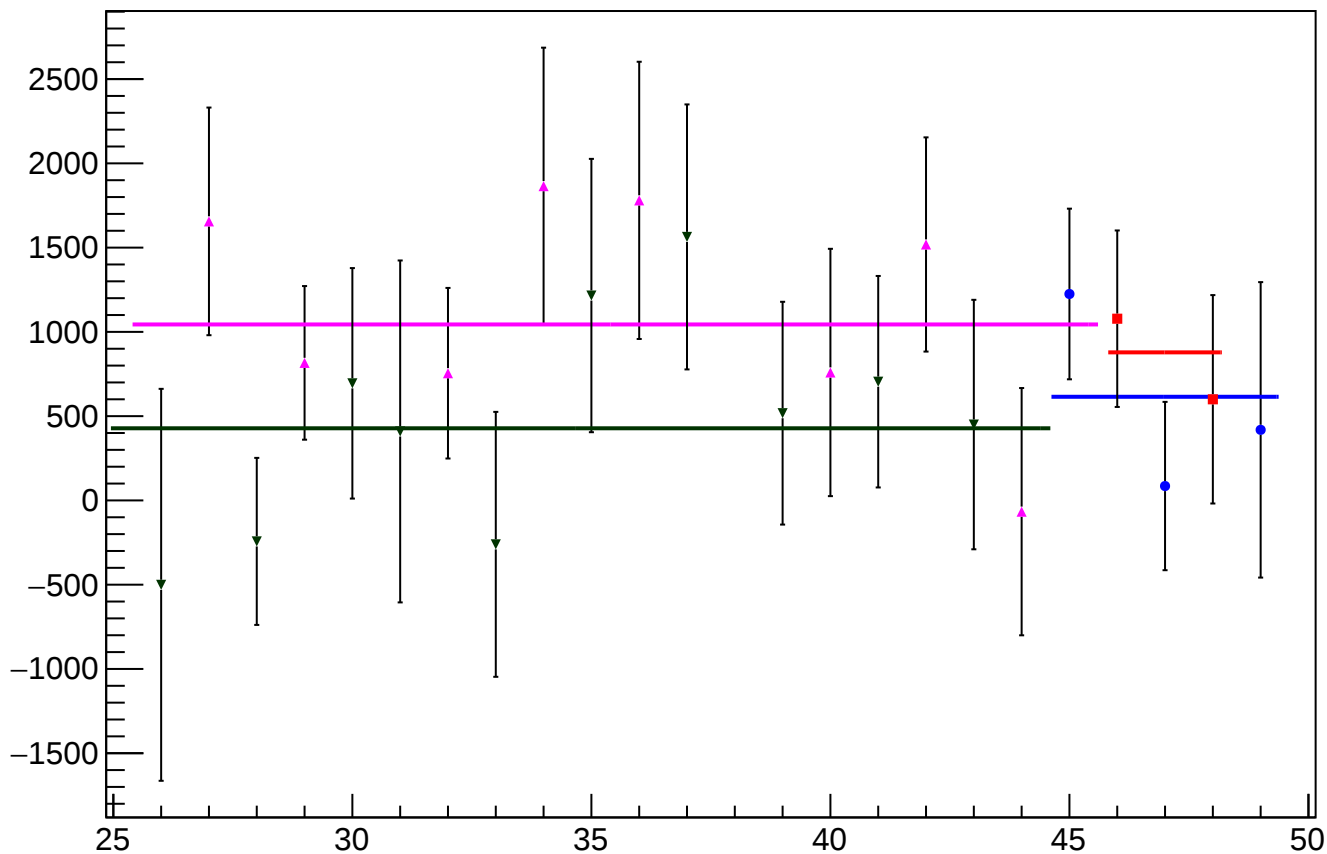
Left Out: 321.920 ± 0.107 χ^2/NDF : 1062719.8/9

Right Out: 157.342 ± 0.121 χ^2/NDF : 12153.4/1

Left In: 324.181 ± 0.106 χ^2/NDF : 446819.9/7

255.139 ± 0.055 χ^2/NDF : 4497962.7/22

asym_at1_avg_mean vs slug



Right In: 614.962 $\pm$ 329.462 χ^2 /NDF: 2.6/2

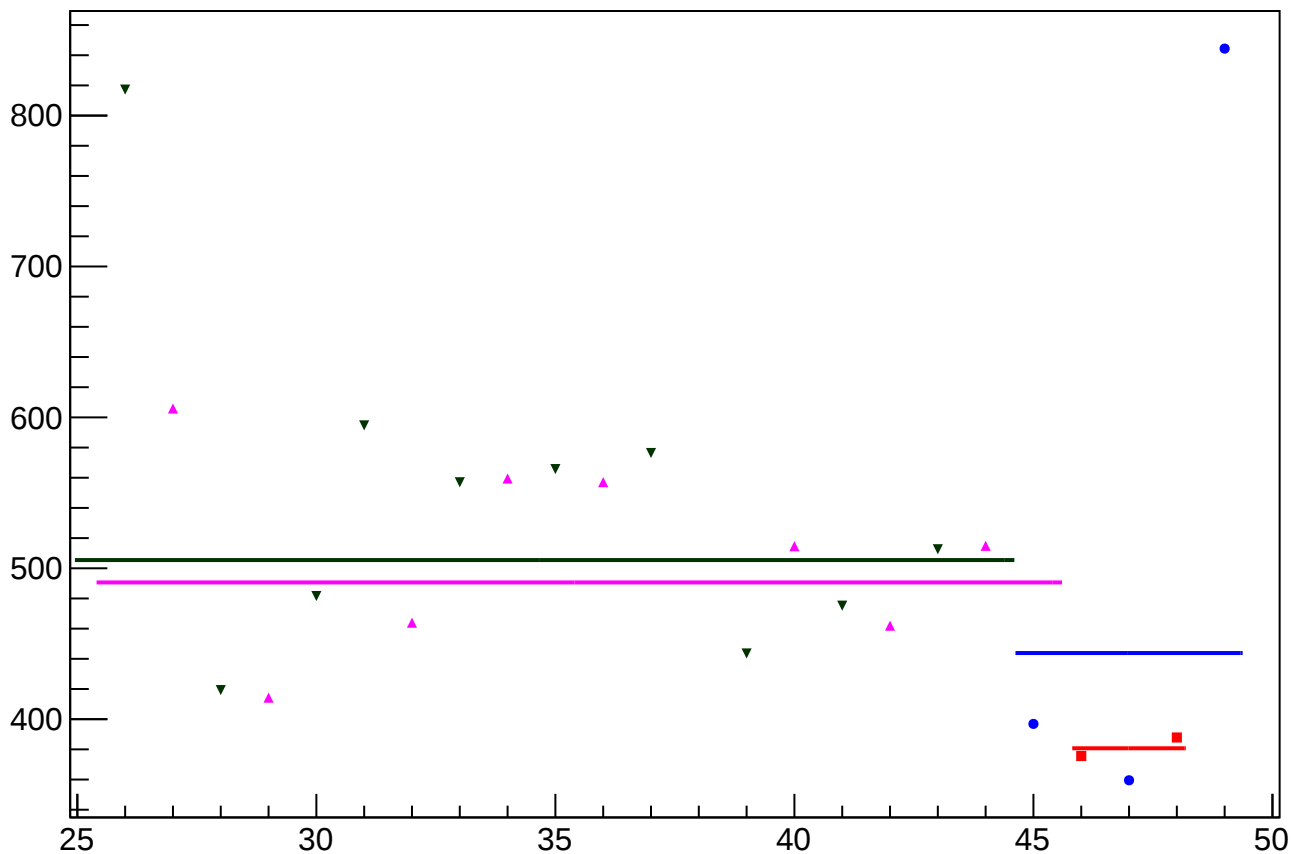
Left Out: 427.989 $\pm$ 227.432 χ^2 /NDF: 6.6/9

Right Out: 878.450 $\pm$ 399.596 χ^2 /NDF: 0.3/1

Left In: 1044.099 $\pm$ 223.260 χ^2 /NDF: 6.2/7

736.062 $\pm$ 134.999 χ^2 /NDF: 19.8/22

asym_at1_avg_rms vs slug



Right In: 443.834+/-0.233 χ^2/NDF : 491844.8/2

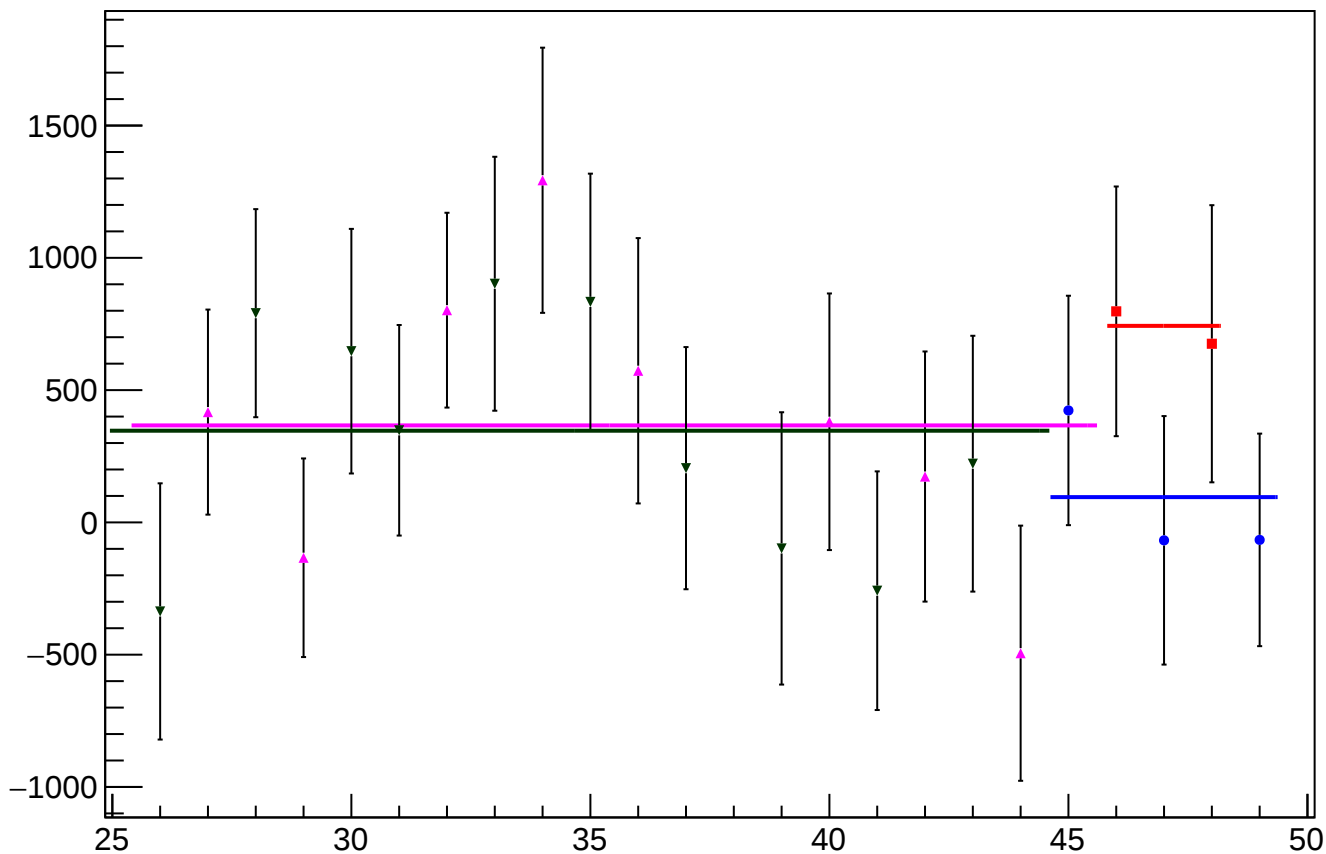
Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

Right Out: 380.721+/-0.283 χ^2/NDF : 458.0/1

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

475.448+/-0.095 χ^2/NDF : 1103098.9/22

reg_asym_at1_dd_mean vs slug



Right In: 95.558 $\pm$ 249.606 χ^2 /NDF: 0.9/2

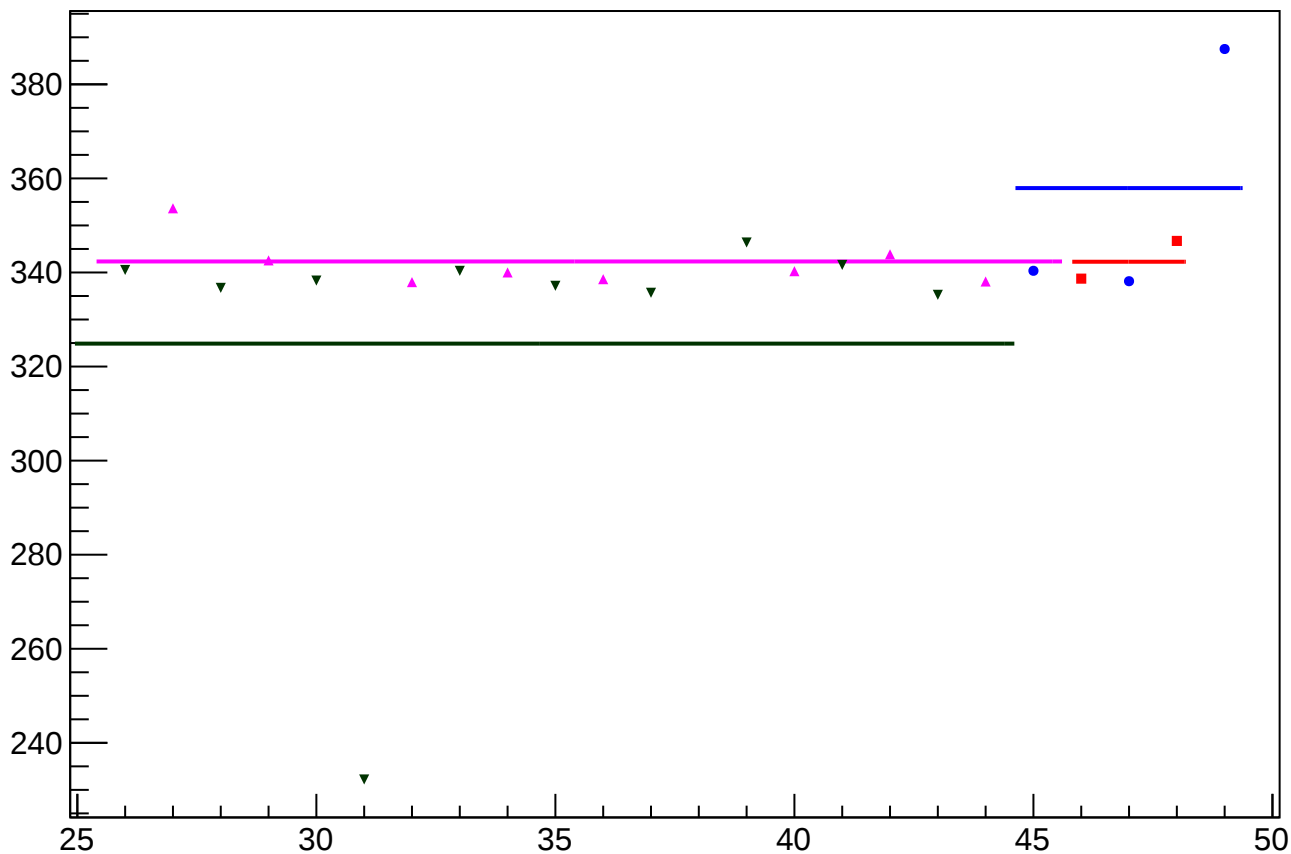
Left Out: 346.550 $\pm$ 144.244 χ^2 /NDF:8.7/9

346.901 $\pm$ 93.509 χ^2 /NDF: 22.1/22

Right Out: 742.874 $\pm$ 350.592 χ^2 /NDF: 0.0/1

Left In: 366.596 $\pm$ 154.091 χ^2 /NDF:10.1/7

reg_asym_at1_dd_rms vs slug



Right In: 357.941 $\pm$ 0.176 χ^2 /NDF: 17679.9/2

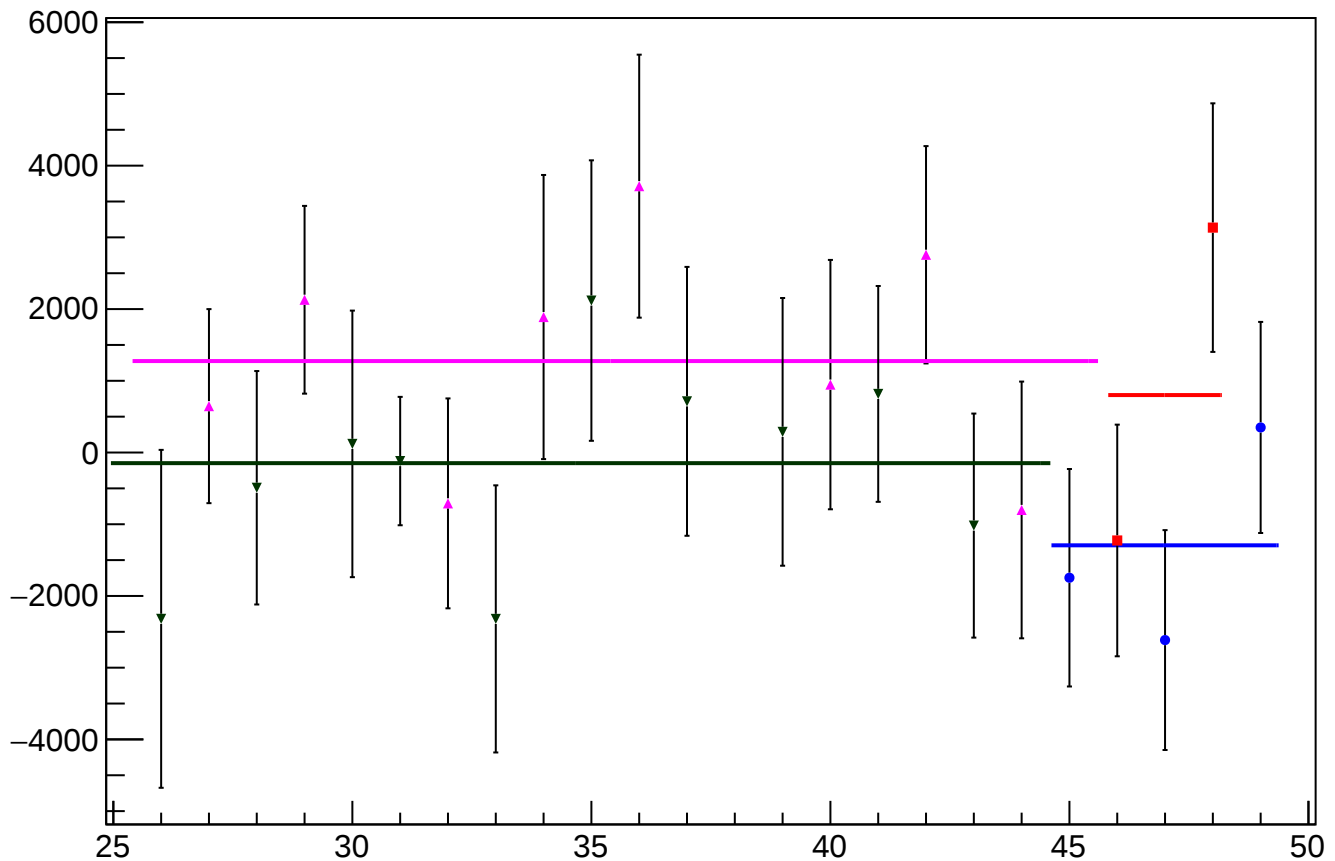
Left Out: 324.874 $\pm$ 0.102 χ^2 /NDF: 125663.8/9

Right Out: 342.283 $\pm$ 0.248 χ^2 /NDF: 258.7/1

Left In: 342.341 $\pm$ 0.109 χ^2 /NDF: 2355.7/7

337.186 $\pm$ 0.066 χ^2 /NDF: 177018.2/22

asym_at1_dd_correction_mean vs slug



Right In: -1293.944 ± 869.627 χ^2/NDF : 2.1/2

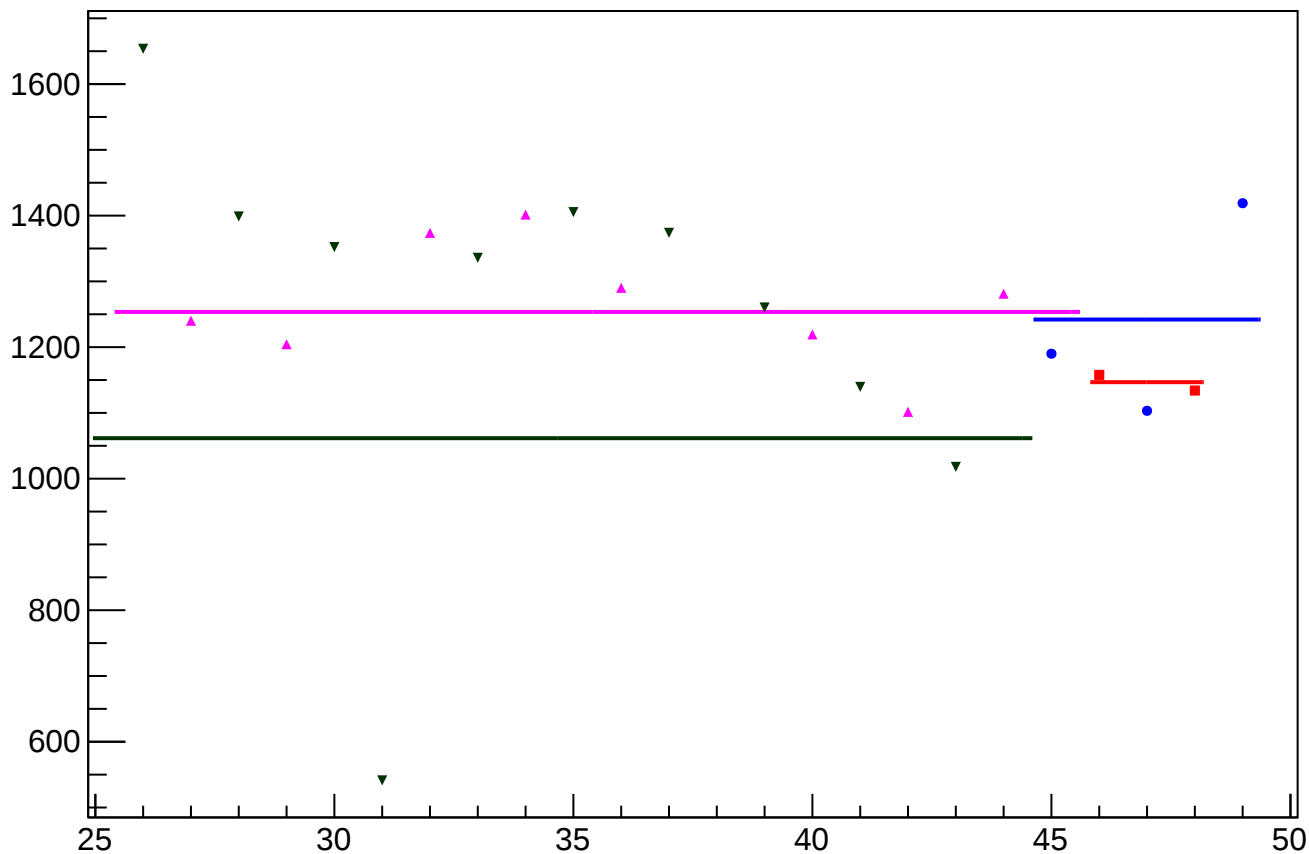
Left Out: -148.157 ± 495.767 χ^2/NDF : 4.6/9

Right Out: 801.126 ± 1181.511 χ^2/NDF : 3.4/1

Left In: 1275.202 ± 556.603 χ^2/NDF : 6.7/7

254.546 ± 327.296 χ^2/NDF : 24.2/22

asym_at1_dd_correction_rms vs slug



Right In: 1241.995 $\pm$ 0.615 χ^2 /NDF: 47630.3/2

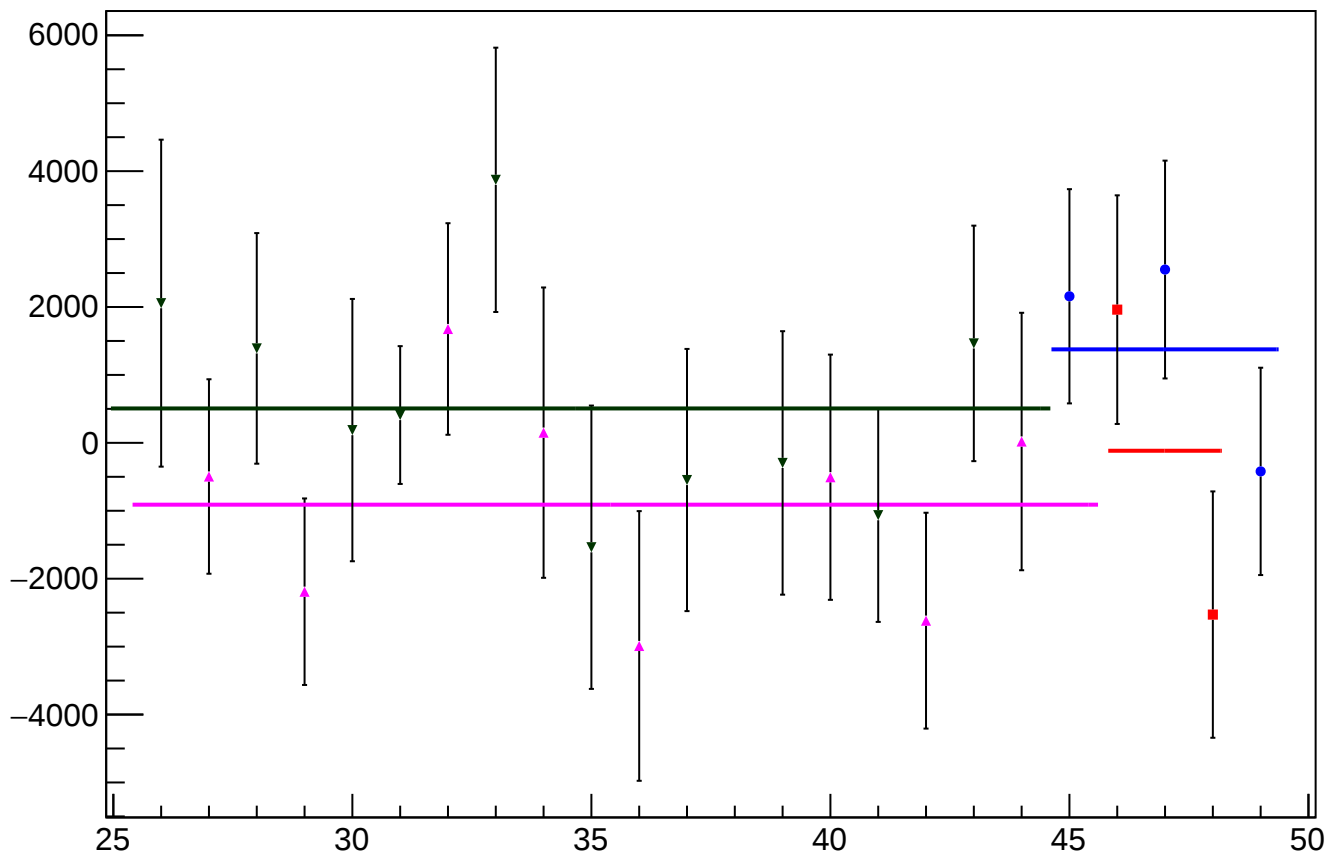
Left Out: 1061.572 $\pm$ 0.351 χ^2 /NDF:1127322.8/9

Right Out: 1146.747 $\pm$ 0.835 χ^2 /NDF: 201.1/1

Left In: 1253.572 $\pm$ 0.394 χ^2 /NDF:49831.2/7

1160.053 $\pm$ 0.231 χ^2 /NDF: 1378375.3/22

asym_at1_dd_mean vs slug



Right In: 1376.273+/-905.228 χ^2/NDF : 2.2/2

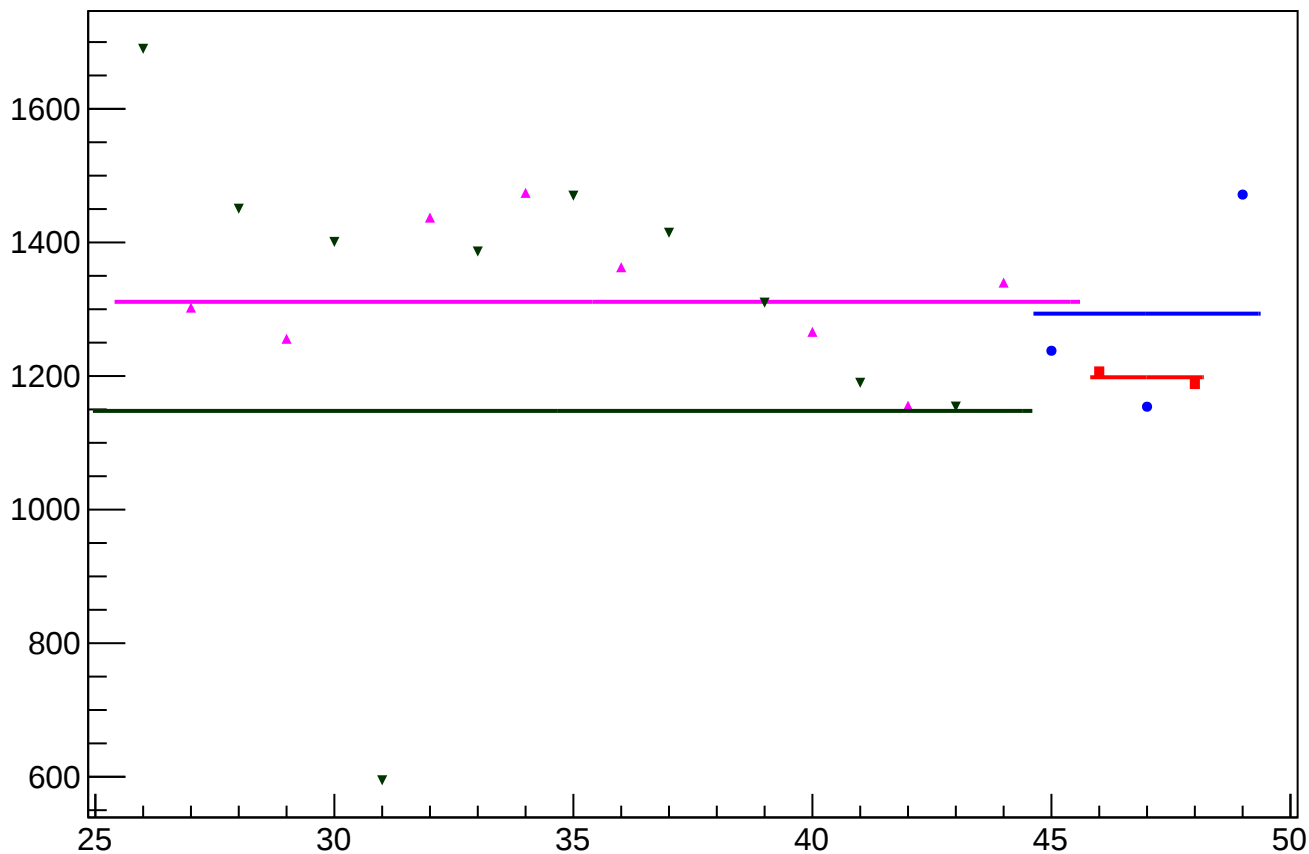
Left Out: 506.383+/-532.571 χ^2/NDF : 6.4/9

Right Out: -116.482+/-1233.665 χ^2/NDF : 3.3/1

Left In: -910.298+/-588.767 χ^2/NDF : 6.5/7

91.982+/-347.359 χ^2/NDF : 24.0/22

asym_at1_dd_rms vs slug



Right In: 1293.404+/-0.640 χ^2/NDF : 44864.3/2

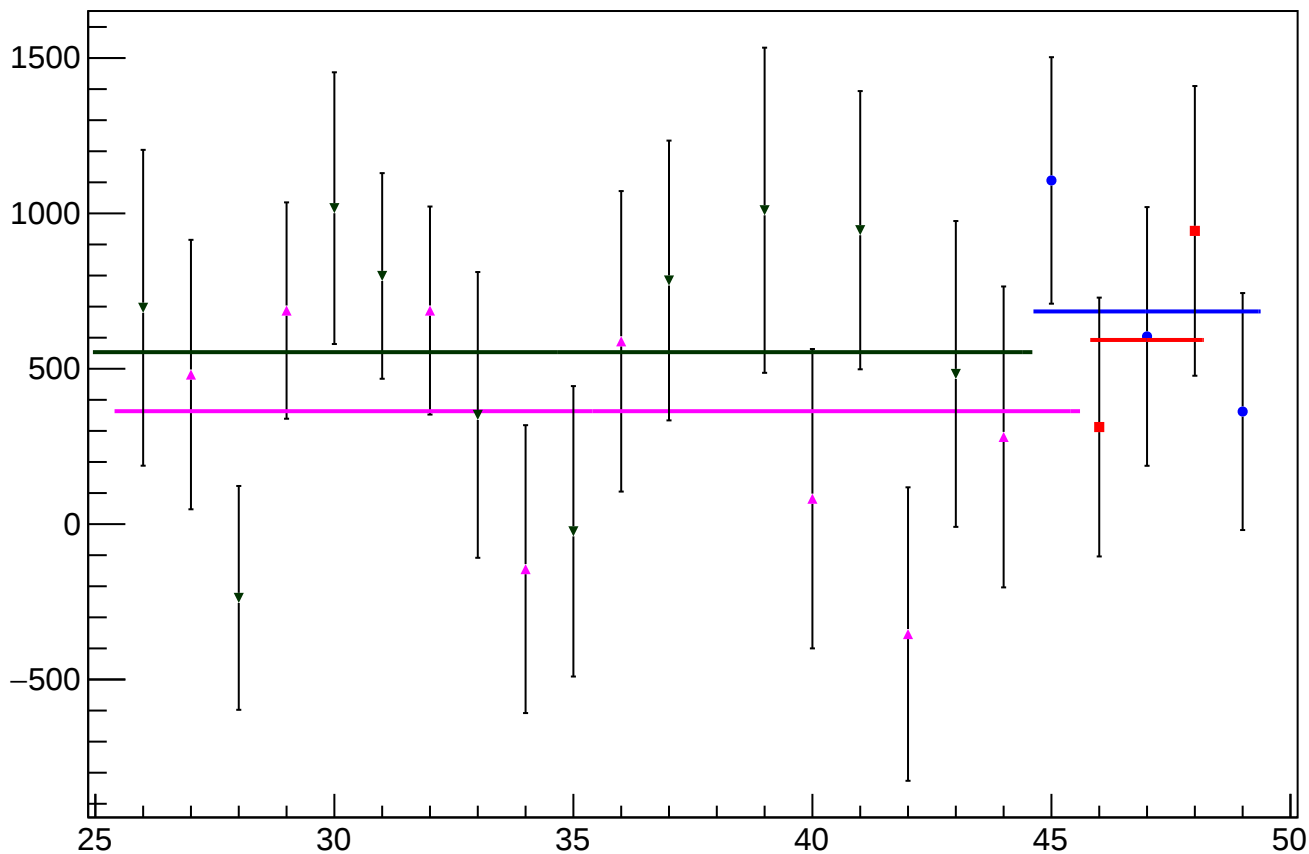
Left Out: 1147.792+/-0.377 χ^2/NDF : 925332.5/9

Right Out: 1198.151+/-0.872 χ^2/NDF : 115.2/1

Left In: 1311.120+/-0.416 χ^2/NDF : 50316.6/7

1230.075+/-0.246 χ^2/NDF : 1117393.6/22

reg_asym_at2_avg_mean vs slug



Right In: 684.478 ± 229.399 χ^2/NDF : 1.9/2

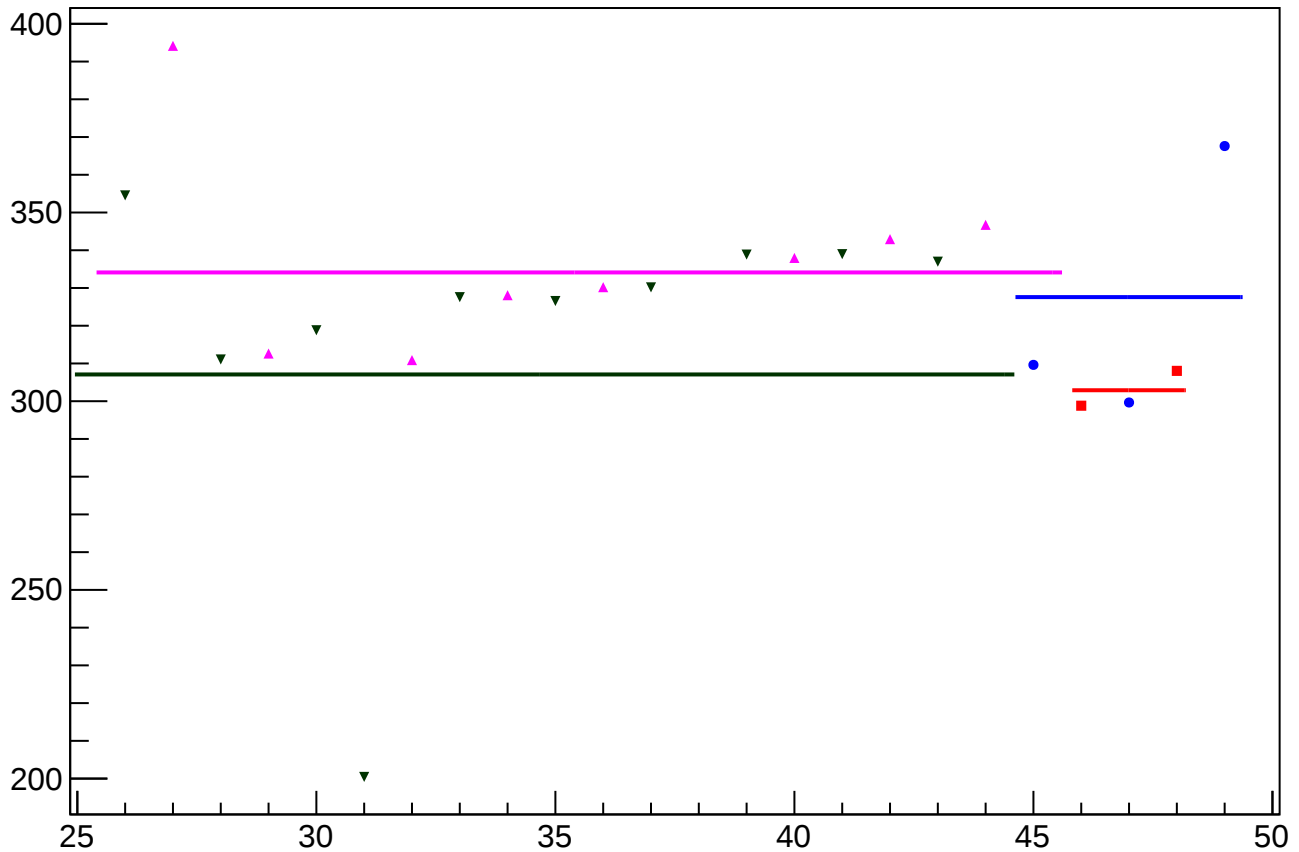
Left Out: 553.456 ± 137.422 χ^2/NDF : 10.1/9

Right Out: 592.679 ± 310.600 χ^2/NDF : 1.0/1

Left In: 363.466 ± 149.927 χ^2/NDF : 6.0/7

509.643 ± 88.803 χ^2/NDF : 20.7/22

reg_asym_at2_avg_rms vs slug



Right In: 327.585 ± 0.162 χ^2/NDF : 35135.4/2

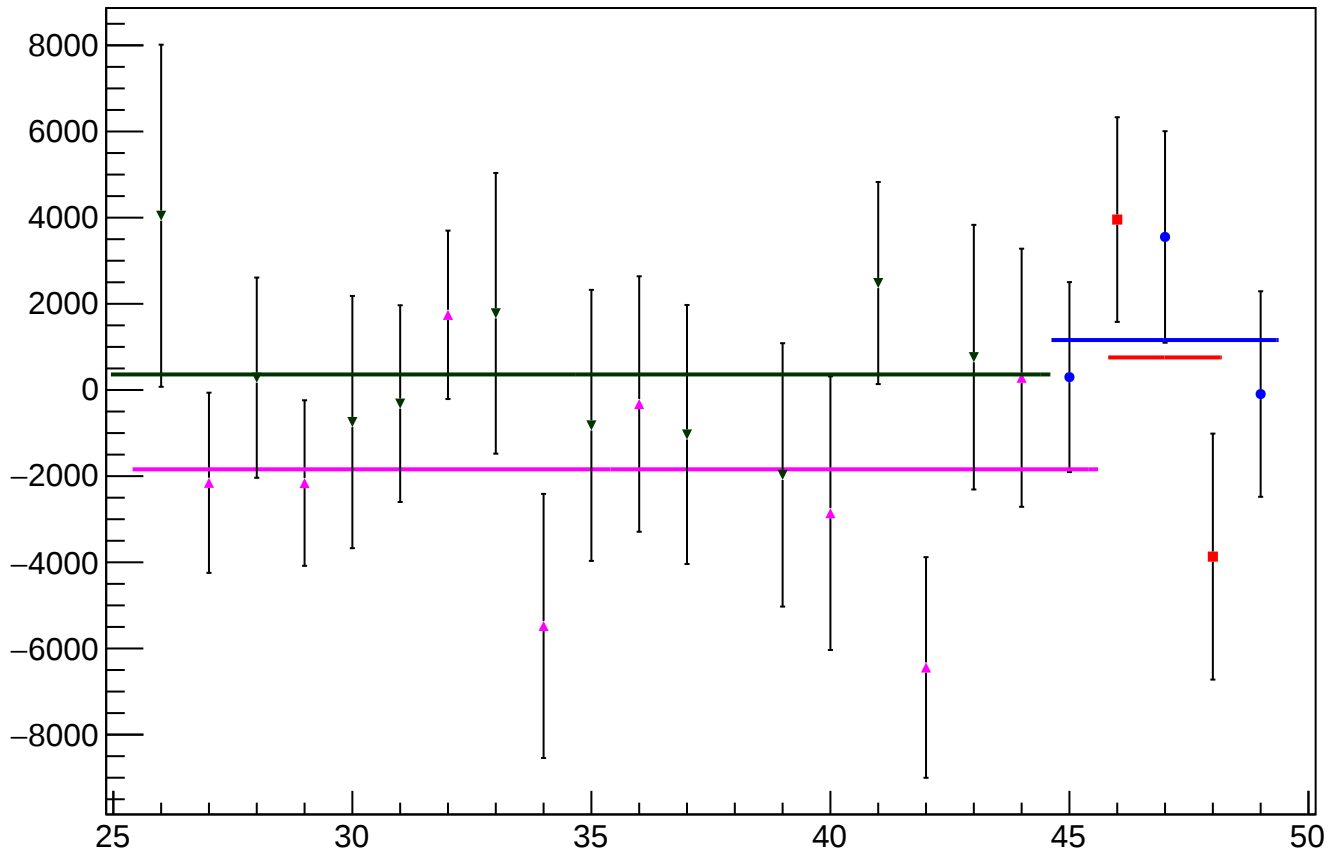
Left Out: 307.088 ± 0.097 χ^2/NDF : 264389.0/9

Right Out: 302.904 ± 0.220 χ^2/NDF : 436.1/1

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

319.301 ± 0.063 χ^2/NDF : 401740.8/22

asym_at2_avg_correction_mean vs slug



Right In: 1159.184+/-1351.654 χ^2/NDF : 1.4/2

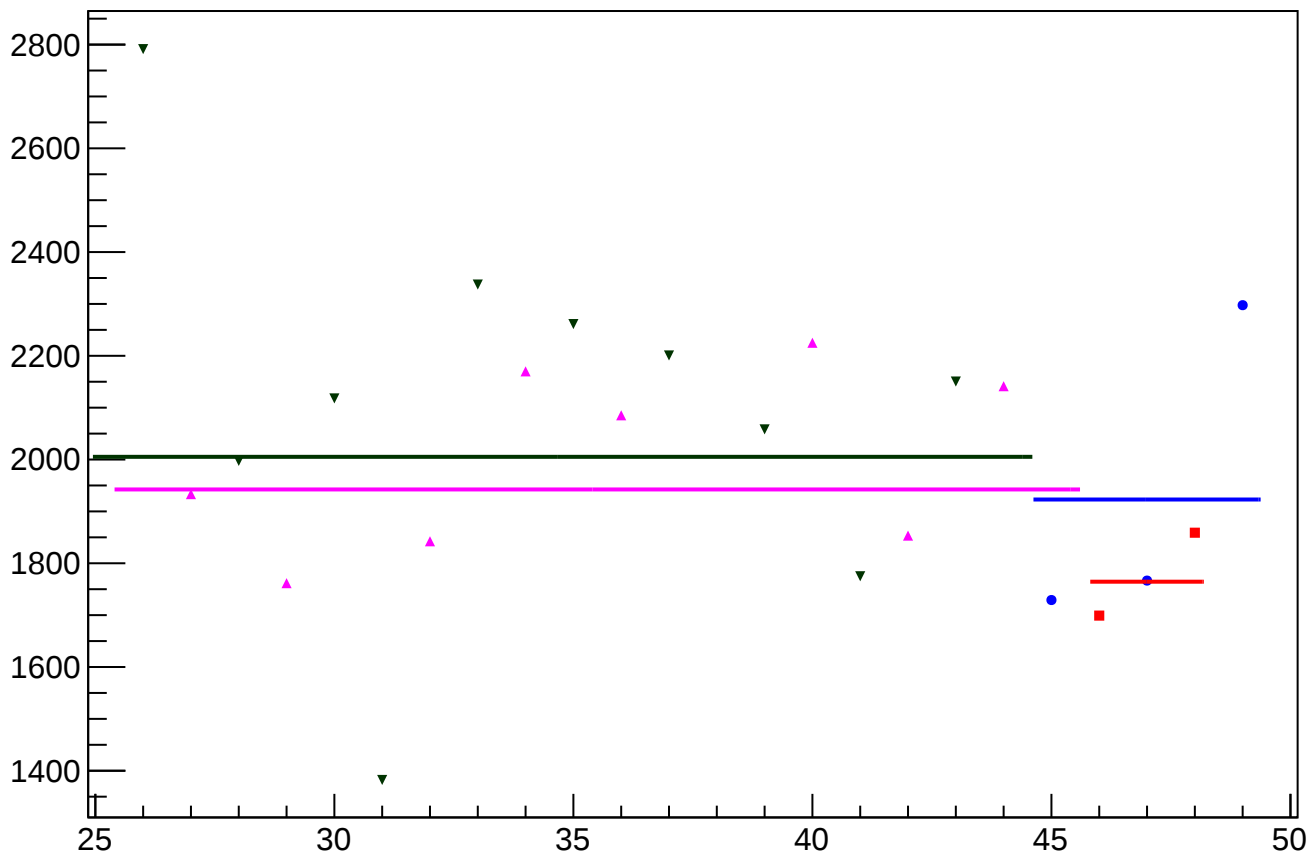
Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

-336.537+/-538.393 χ^2/NDF : 23.0/22

Right Out: 755.569+/-1825.743 χ^2/NDF : 4.4/1

Left In: -1841.139+/-862.403 χ^2/NDF : 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1922.932+/-0.956 χ^2/NDF : 72887.3/2

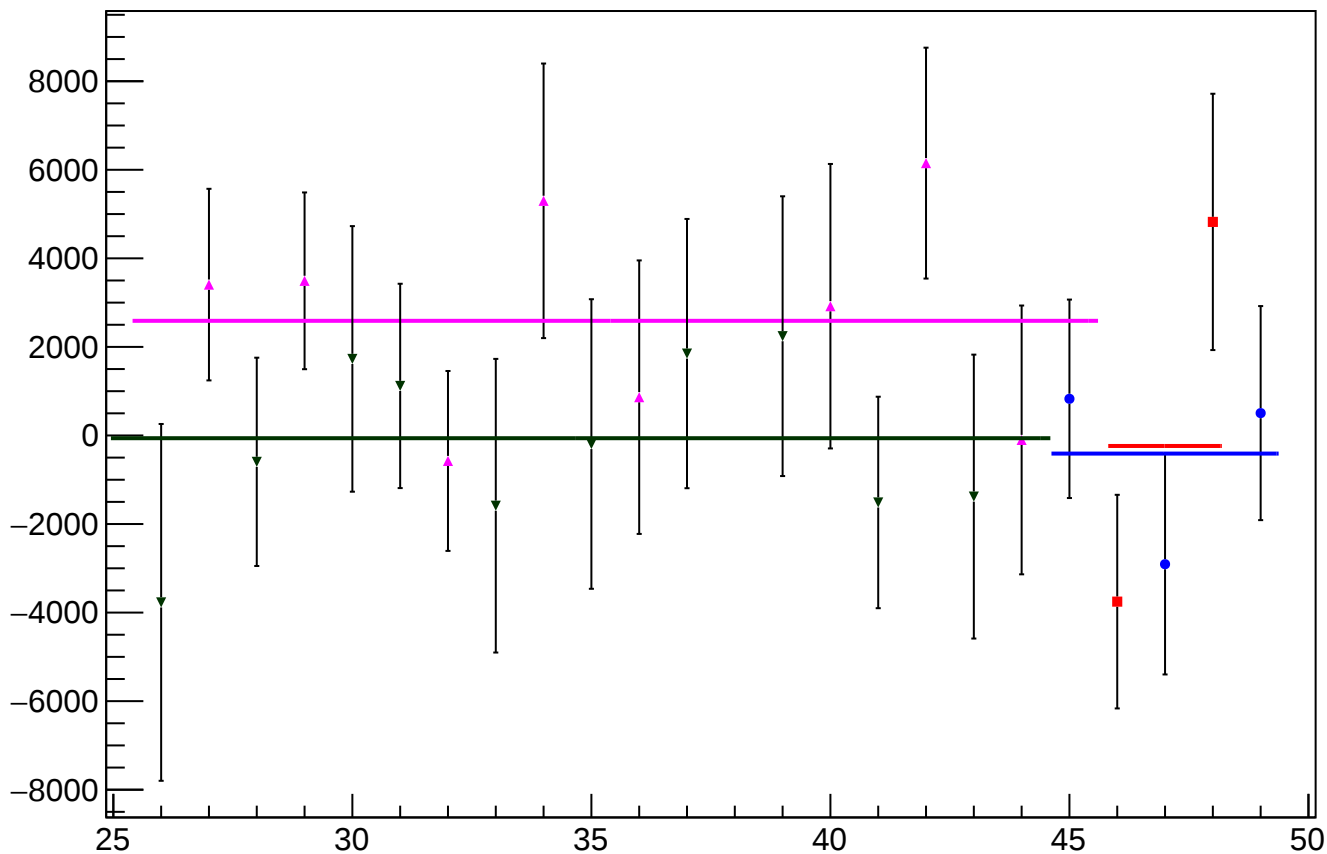
Left Out: 2005.233+/-0.630 χ^2/NDF : 297094.3/9

Right Out: 1764.479+/-1.291 χ^2/NDF : 3704.5/1

Left In: 1942.323+/-0.610 χ^2/NDF : 65741.6/7

1946.721+/-0.381 χ^2/NDF : 468639.9/22

asym_at2_avg_mean vs slug



Right In: -409.171+/-1371.543 χ^2/NDF : 1.5/2

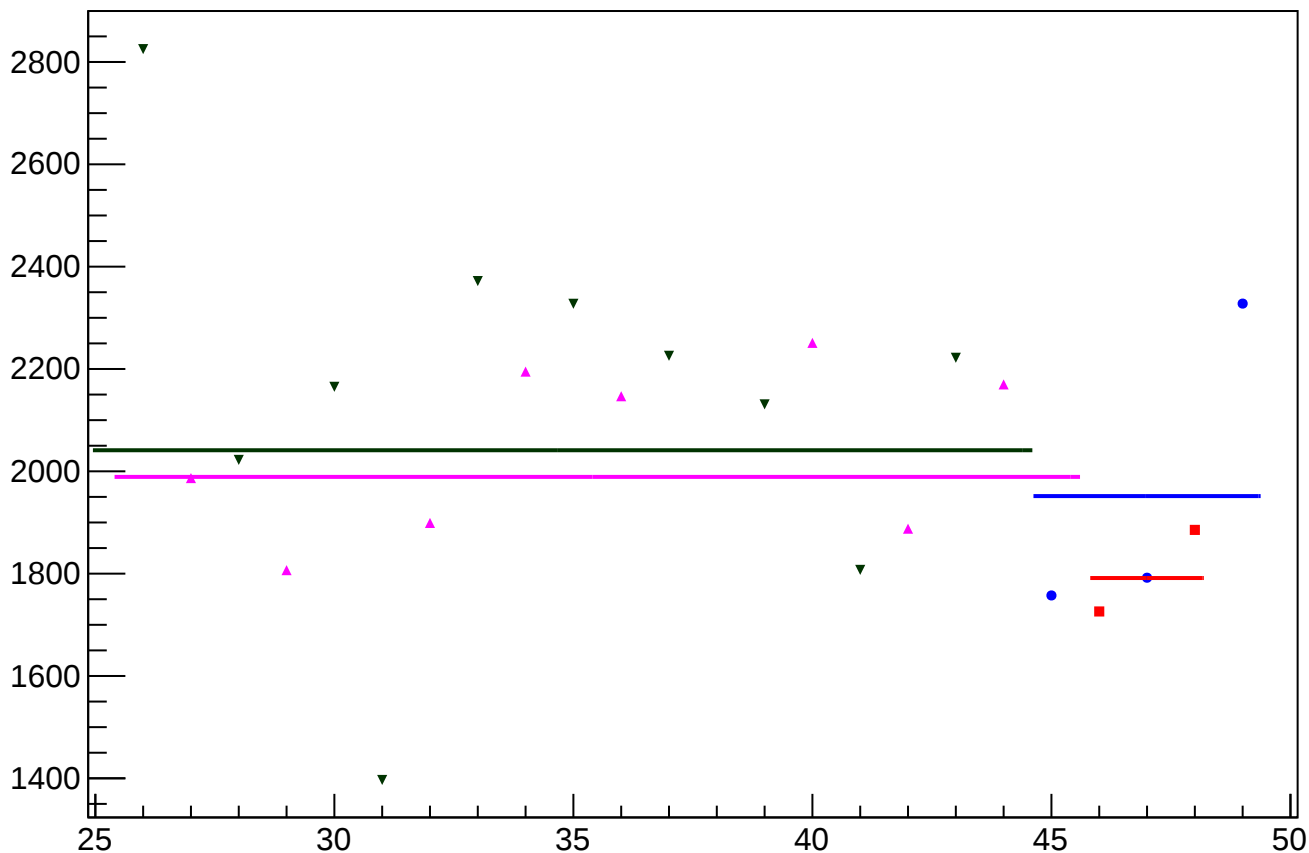
Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

Right Out: -237.281+/-1852.996 χ^2/NDF : 5.2/1

Left In: 2588.988+/-887.904 χ^2/NDF : 6.5/7

886.118+/-550.631 χ^2/NDF : 22.4/22

asym_at2_avg_rms vs slug



Right In: 1951.580+/-0.970 χ^2/NDF : 71684.3/2

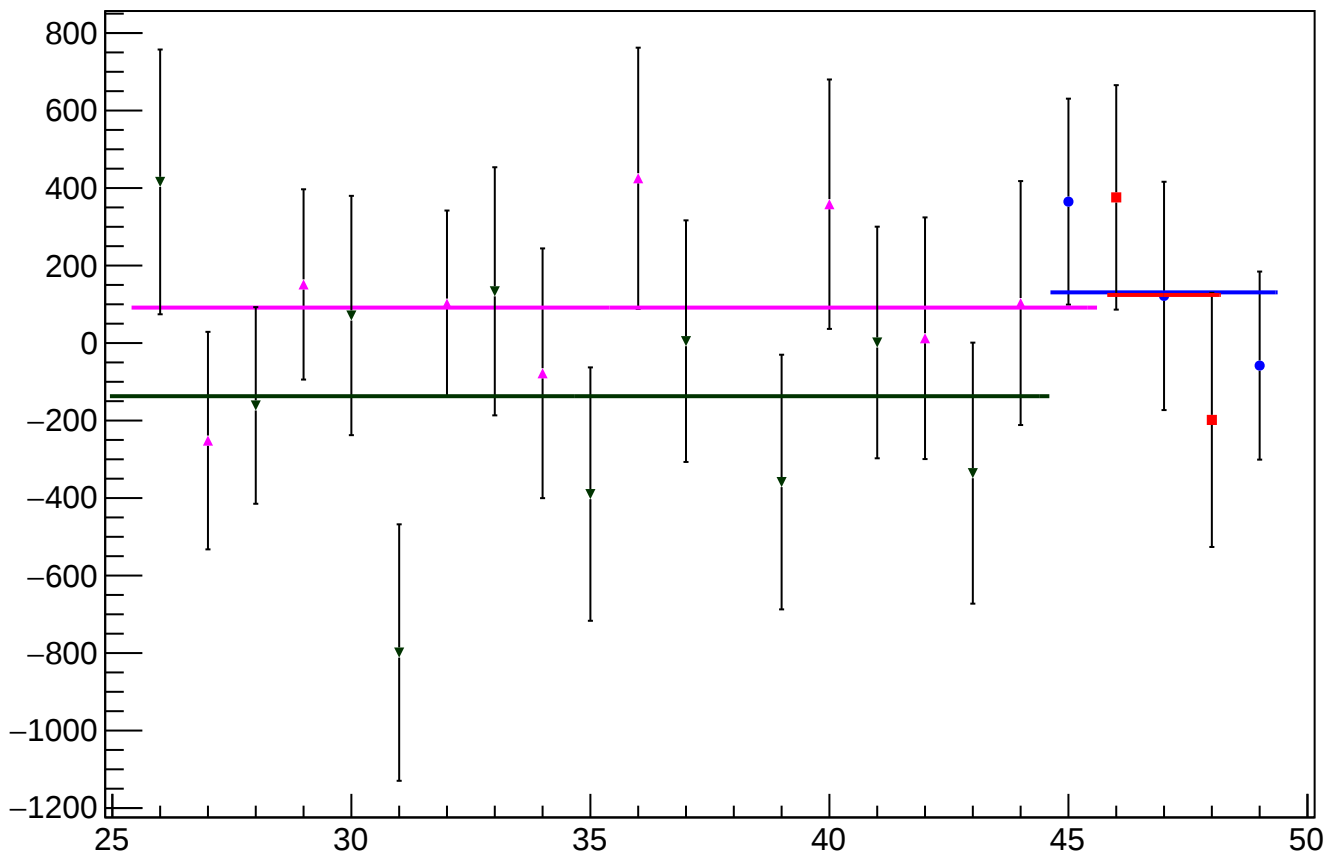
Left Out: 2041.174+/-0.644 χ^2/NDF : 305006.8/9

Right Out: 1791.437+/-1.310 χ^2/NDF : 3580.9/1

Left In: 1989.103+/-0.628 χ^2/NDF : 58029.8/7

1984.656+/-0.389 χ^2/NDF : 468971.9/22

reg_asym_at2_dd_mean vs slug



Right In: 130.797 $\pm$ 153.093 χ^2 /NDF: 1.4/2

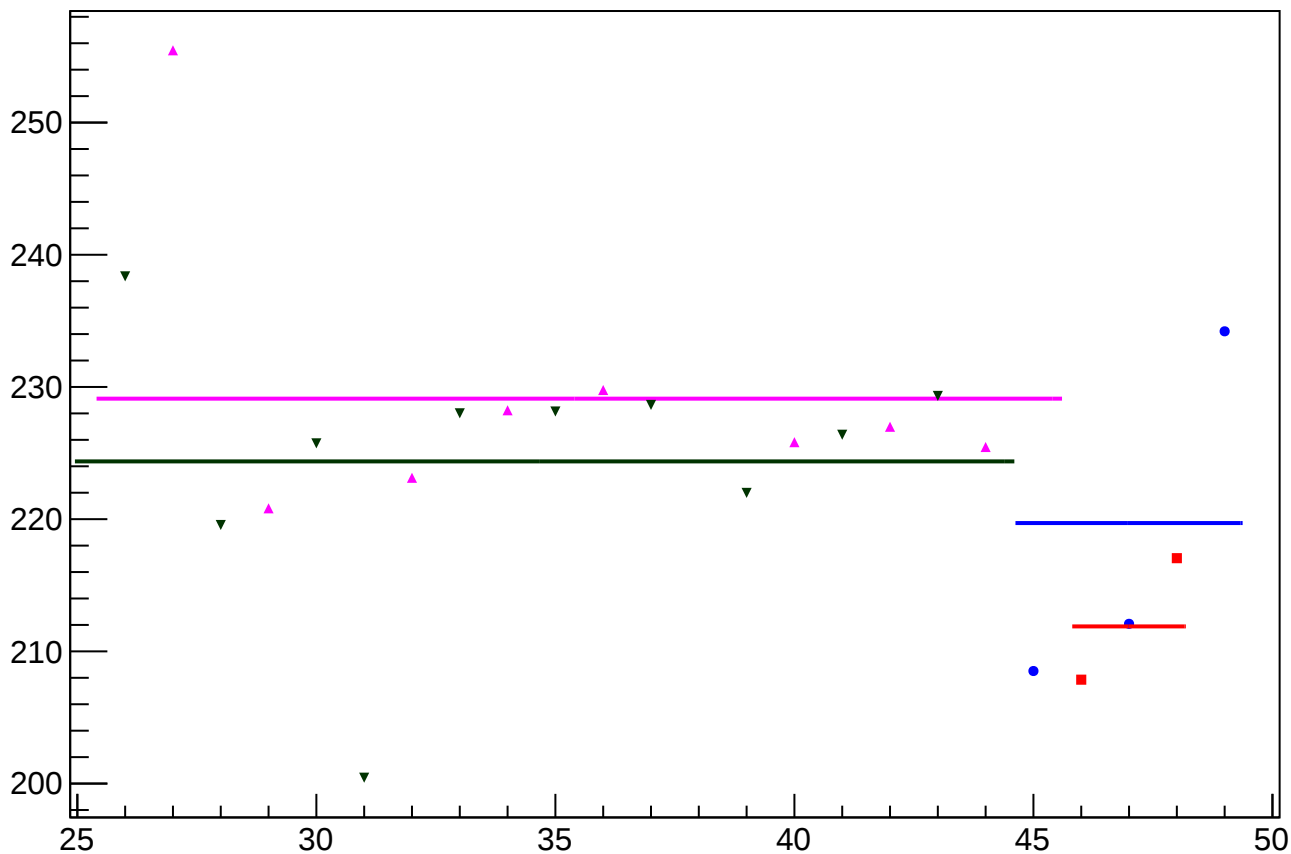
Left Out: -137.146 $\pm$ 98.824 χ^2 /NDF:9.6/9

Right Out: 124.159 $\pm$ 217.056 χ^2 /NDF: 1.7/1

Left In: 91.498 $\pm$ 102.557 χ^2 /NDF:3.6/7

10.990 $\pm$ 61.856 χ^2 /NDF: 20.0/22

reg_asym_at2_dd_rms vs slug



Right In: 219.706 ± 0.108 χ^2/NDF : 12031.5/2

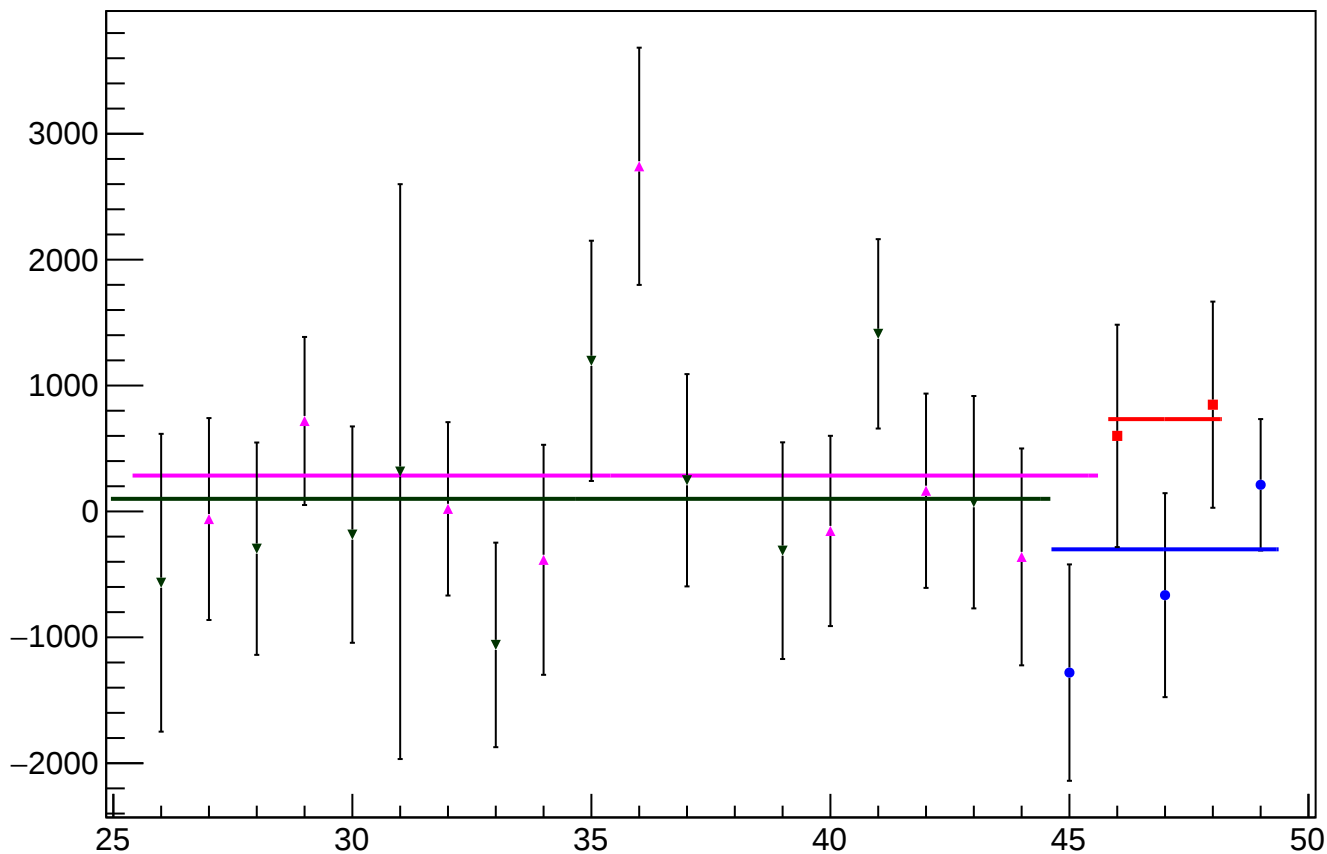
Left Out: 224.370 ± 0.070 χ^2/NDF : 16099.6/9

Right Out: 211.888 ± 0.153 χ^2/NDF : 882.8/1

Left In: 229.116 ± 0.073 χ^2/NDF : 21747.0/7

224.321 ± 0.044 χ^2/NDF : 63512.8/22

asym_at2_dd_correction_mean vs slug



Right In: -301.012 $\pm$ 390.855 χ^2/NDF : 2.5/2

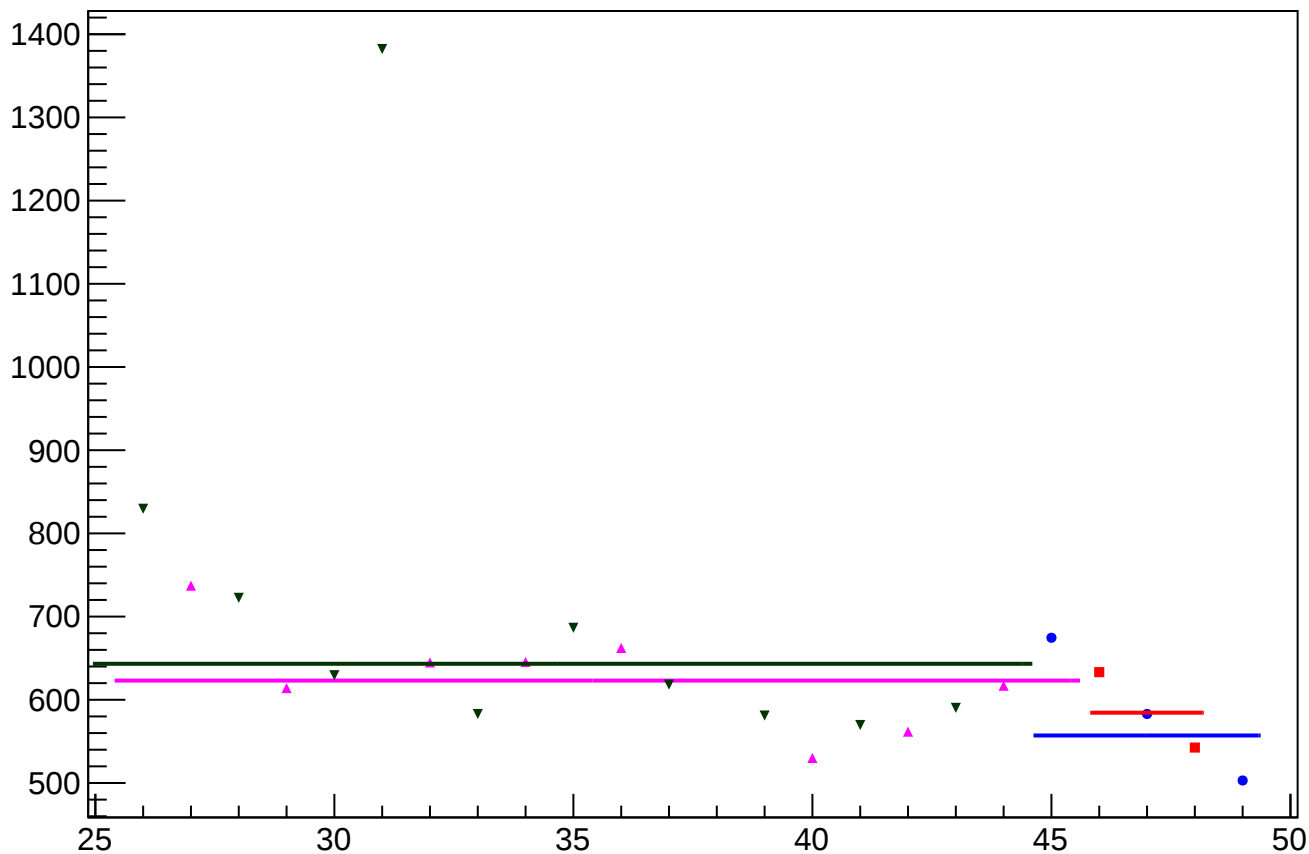
Left Out: 100.061 $\pm$ 286.186 χ^2/NDF : 7.3/9

Right Out: 733.274 $\pm$ 600.481 χ^2/NDF : 0.0/1

Left In: 284.973 $\pm$ 277.238 χ^2/NDF : 9.0/7

144.547 $\pm$ 170.154 χ^2/NDF : 21.4/22

asym_at2_dd_correction_rms vs slug



Right In: 557.094+/-0.276 χ^2/NDF : 60877.0/2

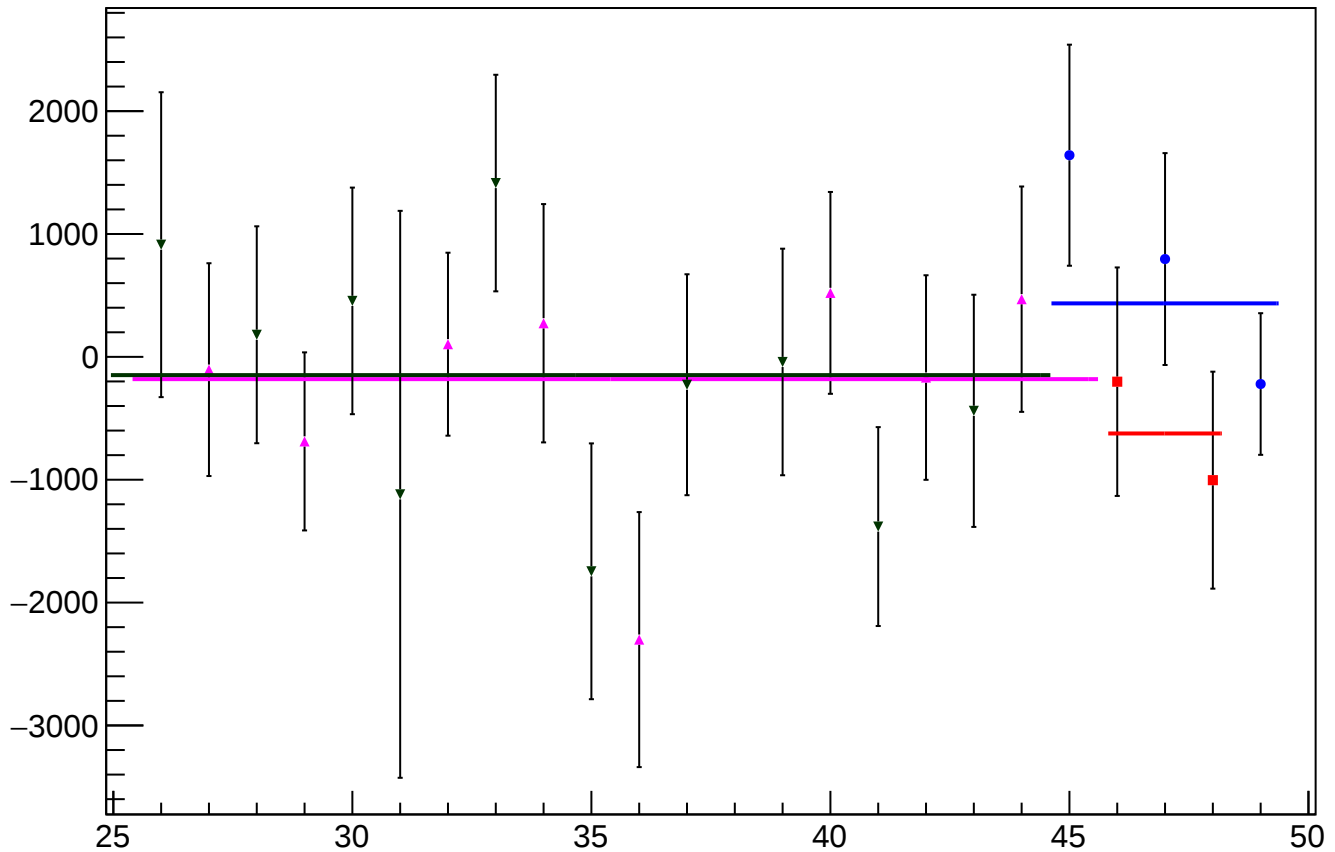
Left Out: 643.291+/-0.202 χ^2/NDF : 331702.9/9

Right Out: 584.494+/-0.425 χ^2/NDF : 11332.8/1

Left In: 623.079+/-0.196 χ^2/NDF : 90546.3/7

614.621+/-0.120 χ^2/NDF : 564753.3/22

asym_at2_dd_mean vs slug



Right In: 435.274+/-422.948 χ^2/NDF : 3.3/2

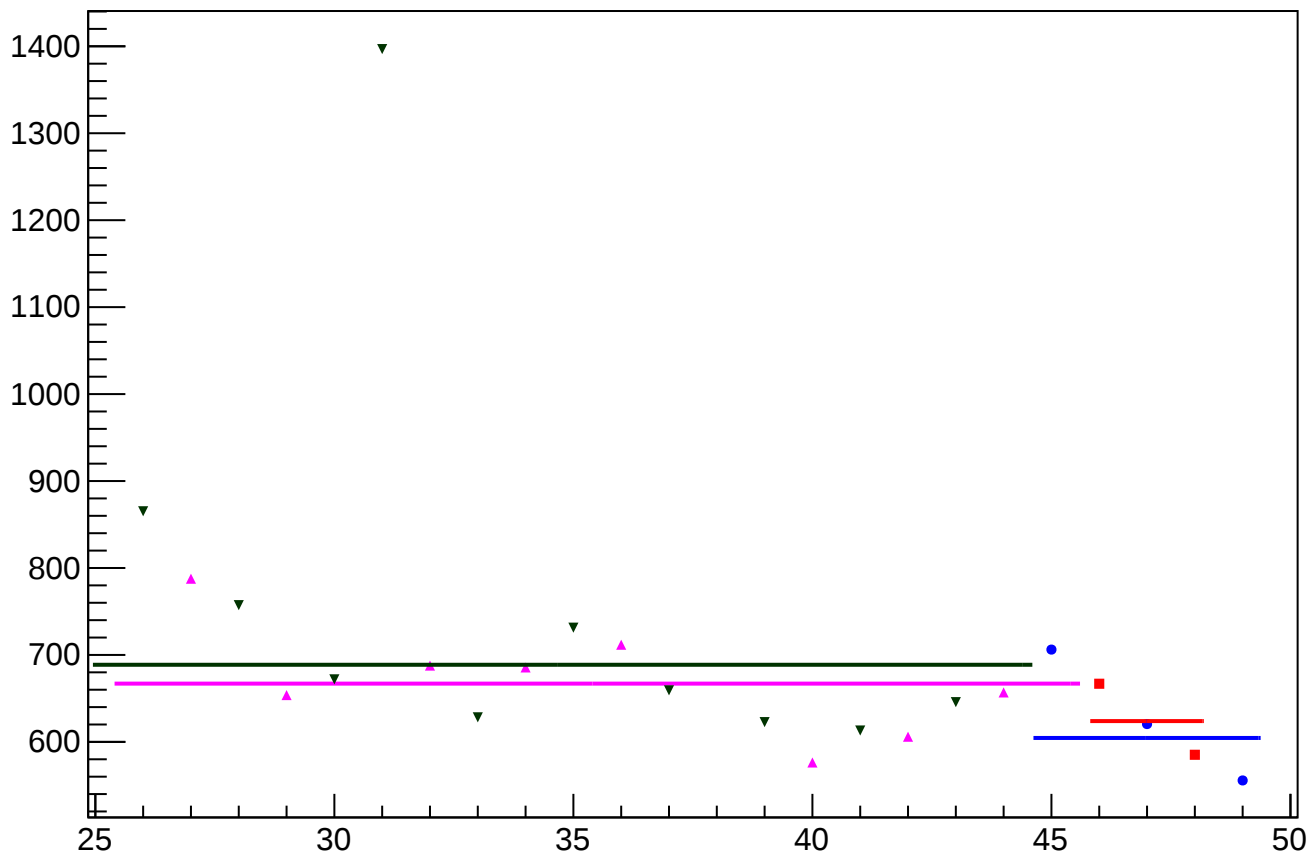
Left Out: -148.570+/-307.642 χ^2/NDF : 9.4/9

-90.072+/-183.367 χ^2/NDF : 21.7/22

Right Out: -623.572+/-640.329 χ^2/NDF : 0.4/1

Left In: -181.362+/-299.528 χ^2/NDF : 6.3/7

asym_at2_dd_rms vs slug



Right In: 604.528+/-0.299 χ^2/NDF : 40579.2/2

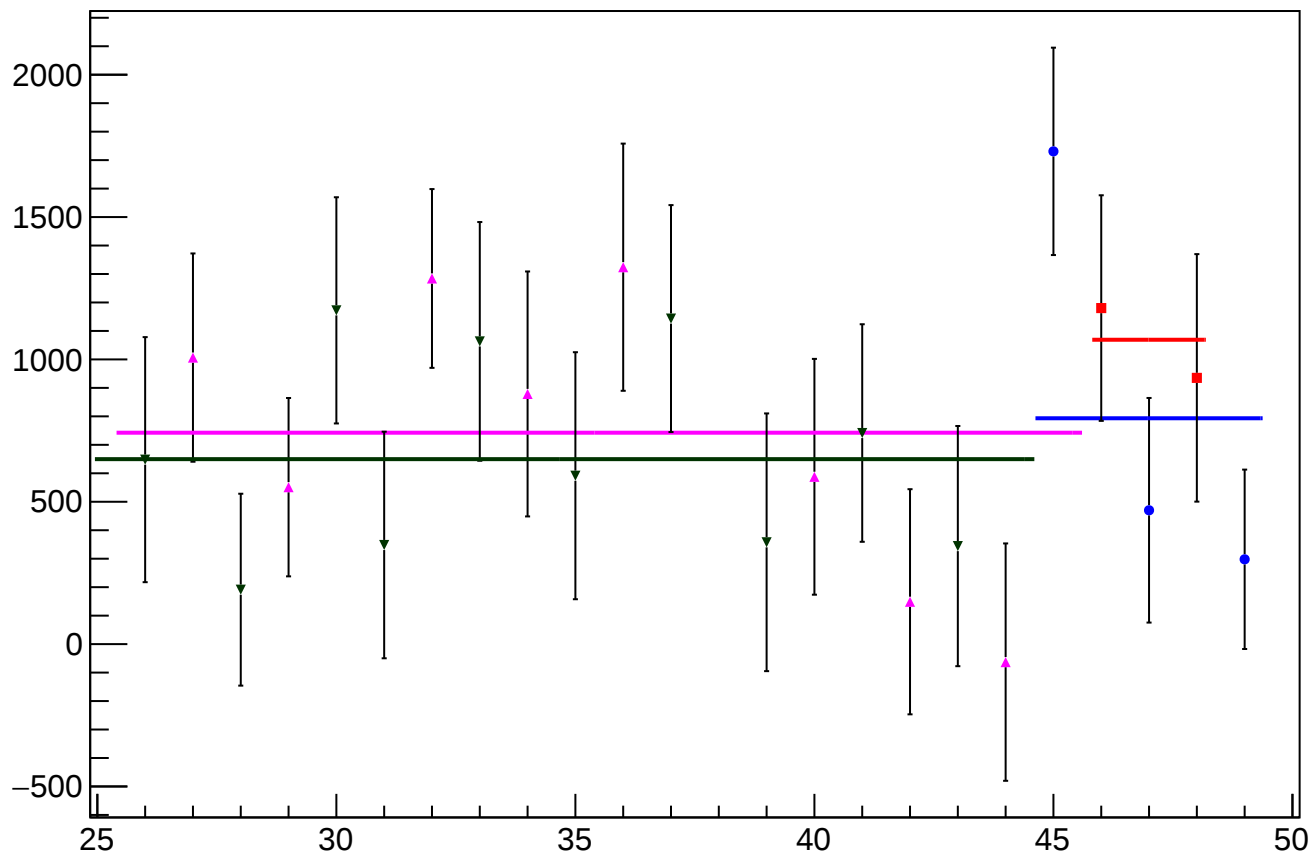
Left Out: 688.695+/-0.218 χ^2/NDF :288286.6/9

Right Out: 623.926+/-0.453 χ^2/NDF : 8117.3/1

Left In: 667.019+/-0.212 χ^2/NDF :80872.1/7

659.440+/-0.130 χ^2/NDF : 477087.1/22

reg_asym_atl1r2_avg_mean vs slug



Right In: 793.287 $\pm$ 203.952 χ^2 /NDF: 9.8/2

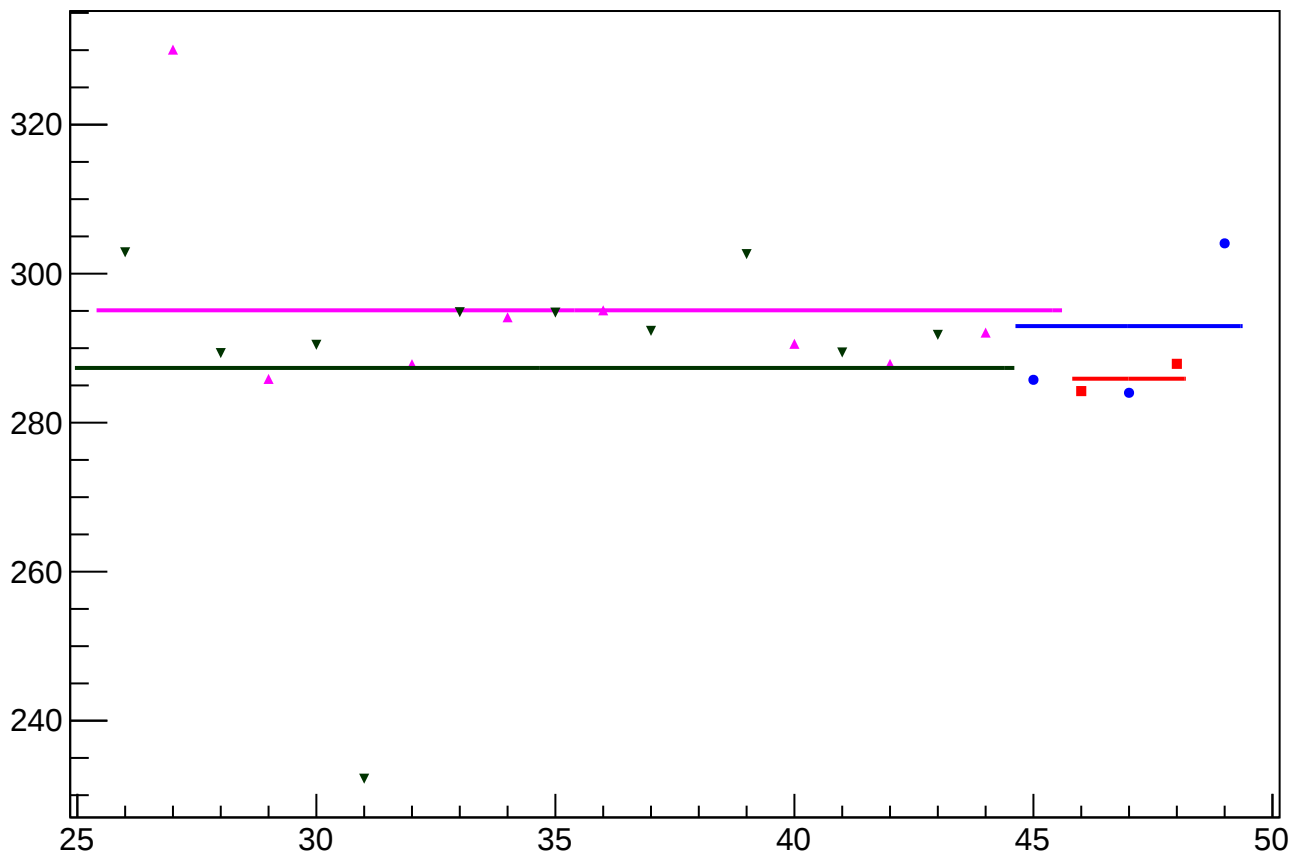
Left Out: 649.704 $\pm$ 127.513 χ^2 /NDF: 7.7/9

Right Out: 1069.064 $\pm$ 292.827 χ^2 /NDF: 0.2/1

Left In: 742.570 $\pm$ 133.039 χ^2 /NDF: 11.9/7

738.116 $\pm$ 80.660 χ^2 /NDF: 31.4/22

reg_asym_atl1r2_avg_rms vs slug



Right In: 292.962 $\pm$ 0.144 χ^2/NDF : 4300.0/2

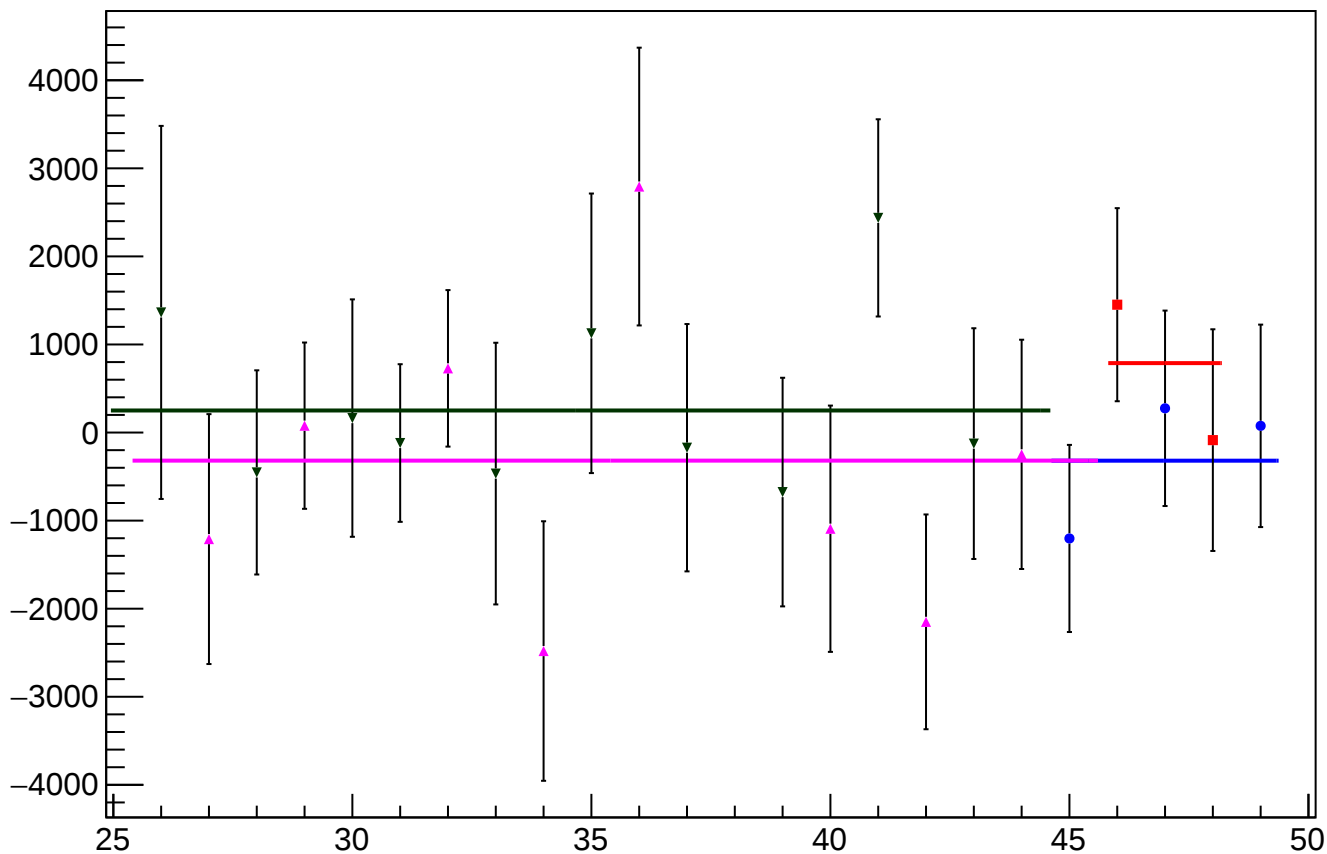
Left Out: 287.345 $\pm$ 0.090 χ^2/NDF : 45272.0/9

Right Out: 285.899 $\pm$ 0.207 χ^2/NDF : 77.4/1

Left In: 295.081 $\pm$ 0.094 χ^2/NDF : 22103.3/7

290.958 $\pm$ 0.057 χ^2/NDF : 76068.7/22

asym_atl1r2_avg_correction_mean vs slug



Right In: -319.500+/-638.172 χ^2/NDF : 1.1/2

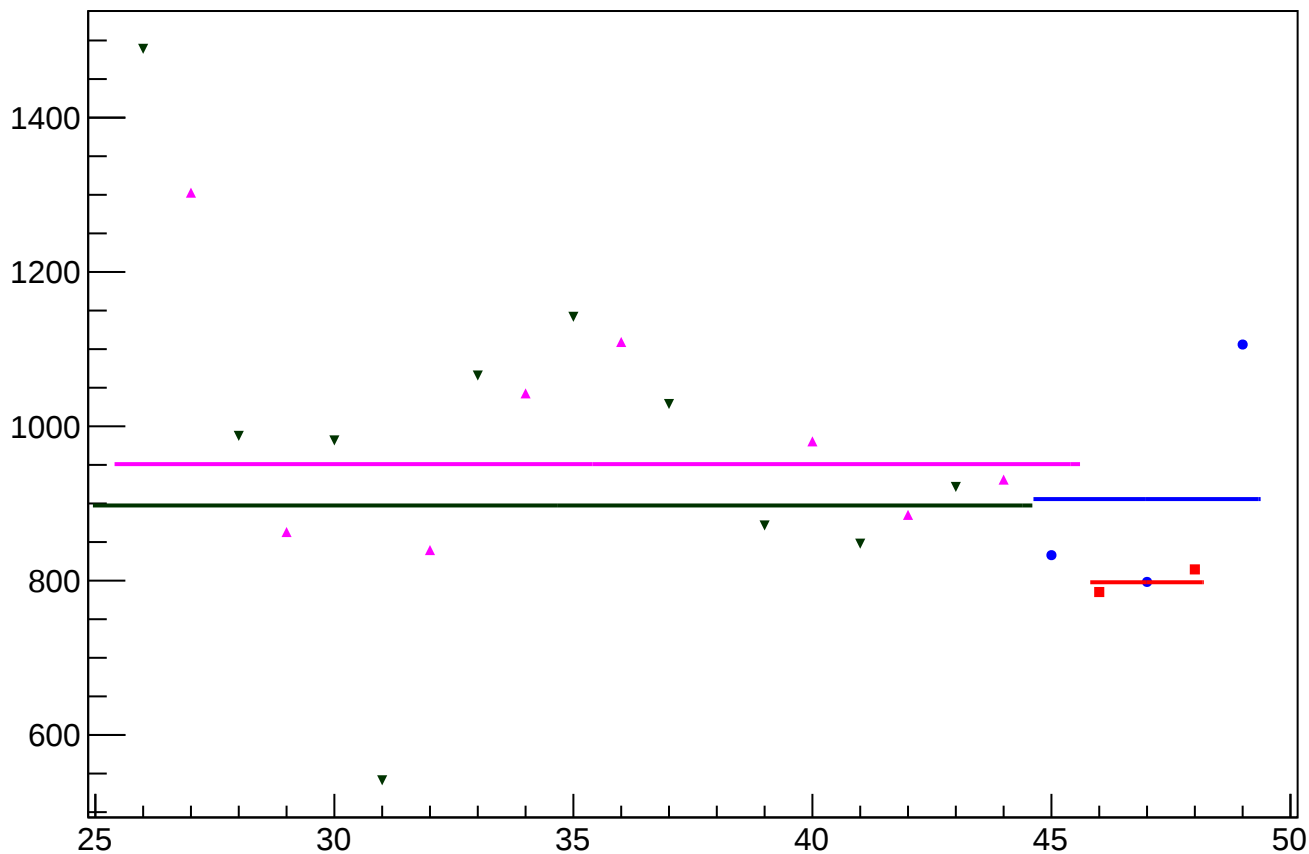
Left Out: 250.509+/-404.977 χ^2/NDF : 5.9/9

Right Out: 788.283+/-826.612 χ^2/NDF : 0.8/1

Left In: -318.803+/-425.542 χ^2/NDF : 10.6/7

8.758+/-253.685 χ^2/NDF : 20.5/22

asym_atl1r2_avg_correction_rms vs slug



Right In: 905.693 $\pm$ 0.451 χ^2 /NDF: 88807.8/2

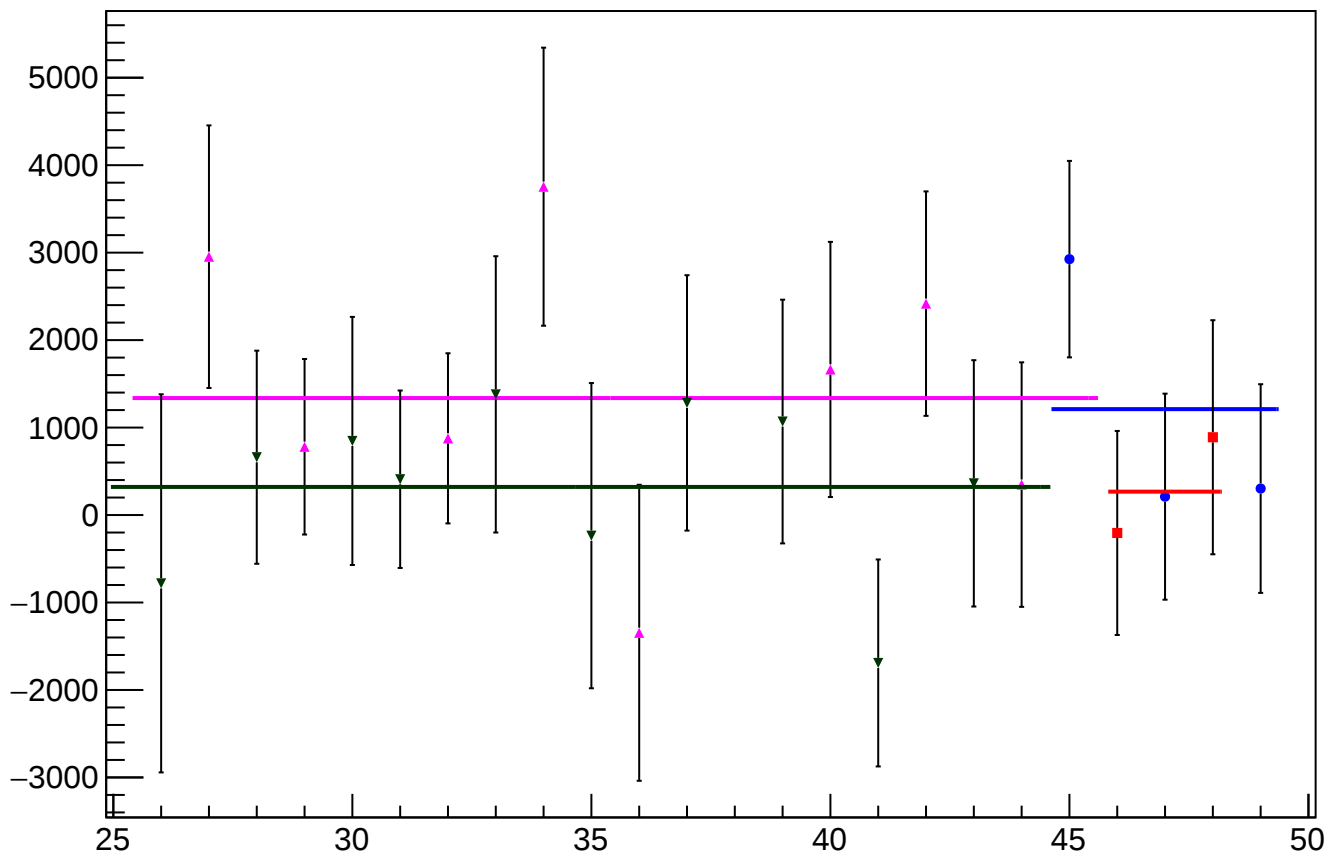
Left Out: 897.406 $\pm$ 0.286 χ^2 /NDF: 588848.0/9

Right Out: 797.896 $\pm$ 0.585 χ^2 /NDF: 617.1/1

Left In: 950.988 $\pm$ 0.301 χ^2 /NDF: 206850.7/7

908.386 $\pm$ 0.179 χ^2 /NDF: 942407.4/22

asym_atl1r2_avg_mean vs slug



Right In: 1210.779+/-671.694 χ^2/NDF : 3.6/2

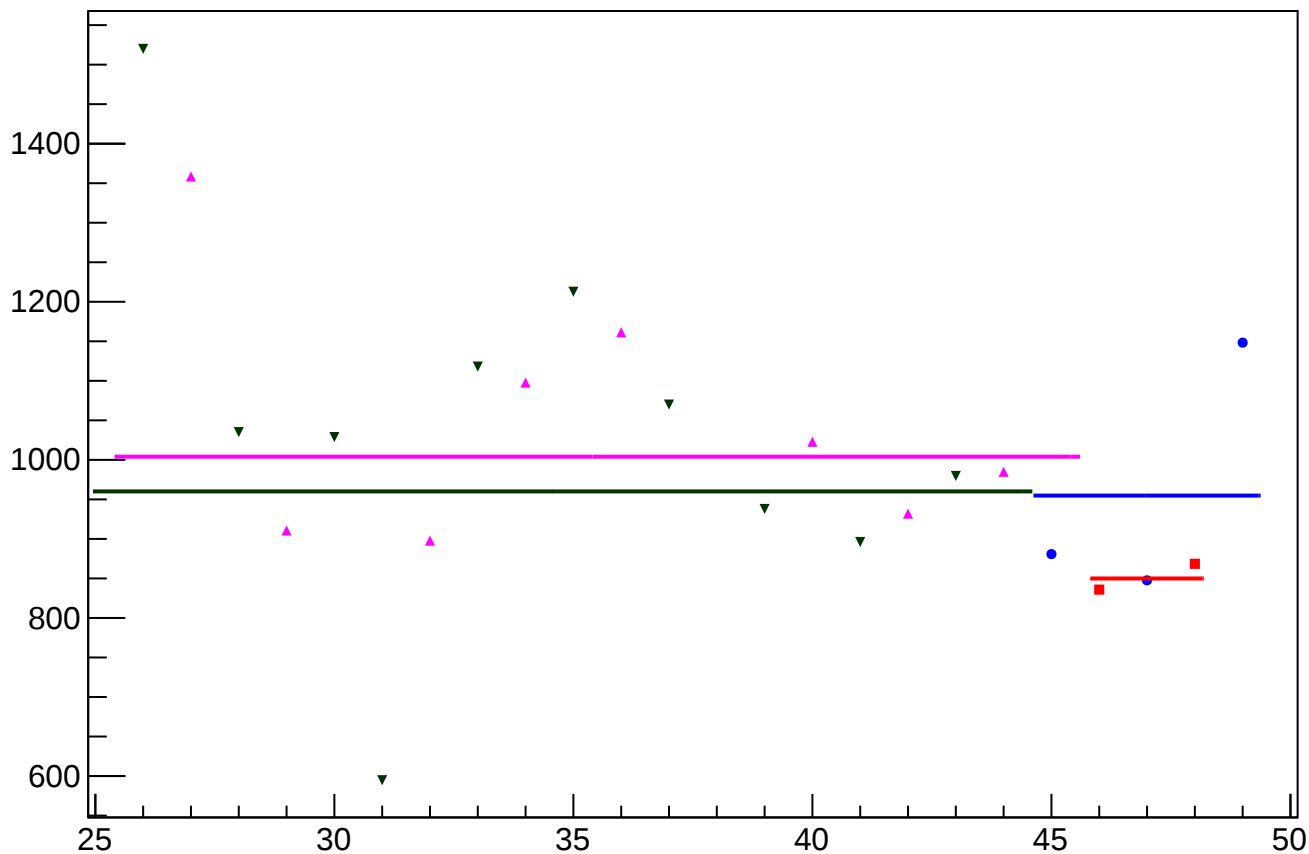
Left Out: 321.331+/-434.827 χ^2/NDF : 4.6/9

Right Out: 267.470+/-879.267 χ^2/NDF : 0.4/1

Left In: 1337.462+/-455.096 χ^2/NDF : 7.8/7

820.917+/-270.893 χ^2/NDF : 19.8/22

asym_atl1r2_avg_rms vs slug



Right In: 954.810 $\pm$ 0.475 χ^2 /NDF: 77884.9/2

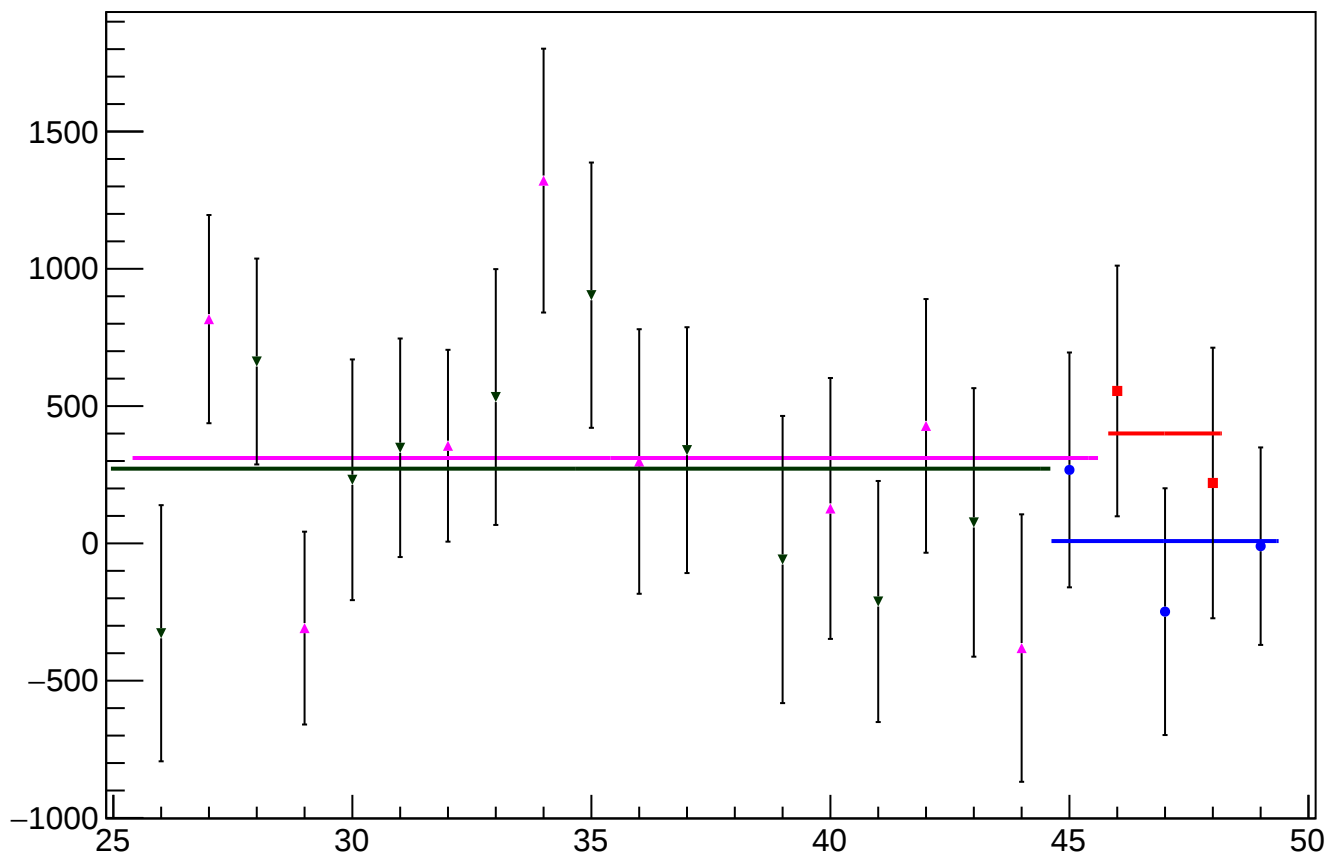
Left Out: 960.100 $\pm$ 0.307 χ^2 /NDF: 485899.3/9

Right Out: 849.914 $\pm$ 0.622 χ^2 /NDF: 676.8/1

Left In: 1003.988 $\pm$ 0.322 χ^2 /NDF: 183940.1/7

964.331 $\pm$ 0.192 χ^2 /NDF: 798045.0/22

reg_asym_atl1r2_dd_mean vs slug



Right In: 8.448 $\pm$ 234.714 χ^2 /NDF: 0.7/2

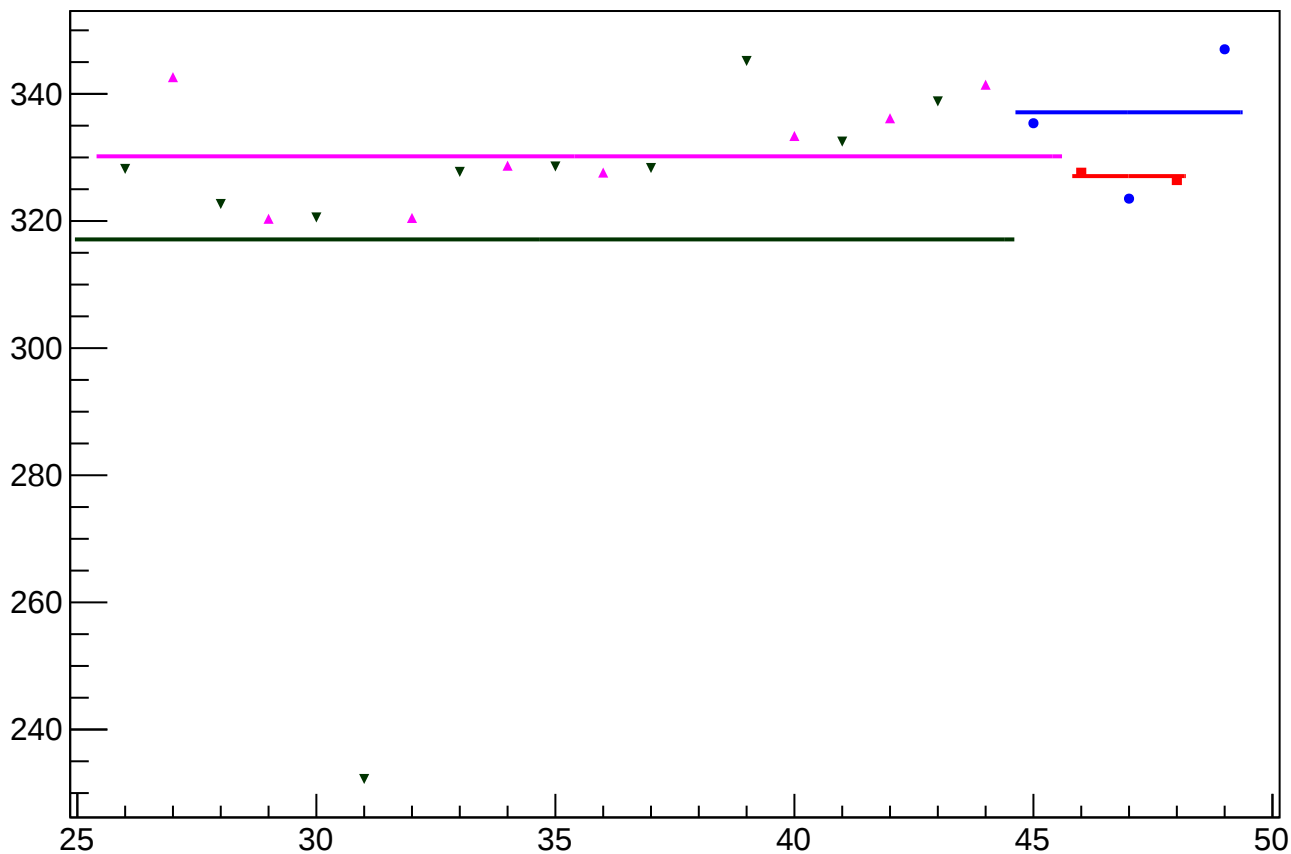
Left Out: 272.098 $\pm$ 141.223 χ^2 /NDF: 6.6/9

Right Out: 400.337 $\pm$ 334.852 χ^2 /NDF: 0.2/1

Left In: 310.926 $\pm$ 148.691 χ^2 /NDF: 11.6/7

256.696 $\pm$ 90.372 χ^2 /NDF: 20.6/22

reg_asym_atl1r2_dd_rms vs slug



Right In: 337.102 $\pm$ 0.166 χ^2 /NDF: 3379.8/2

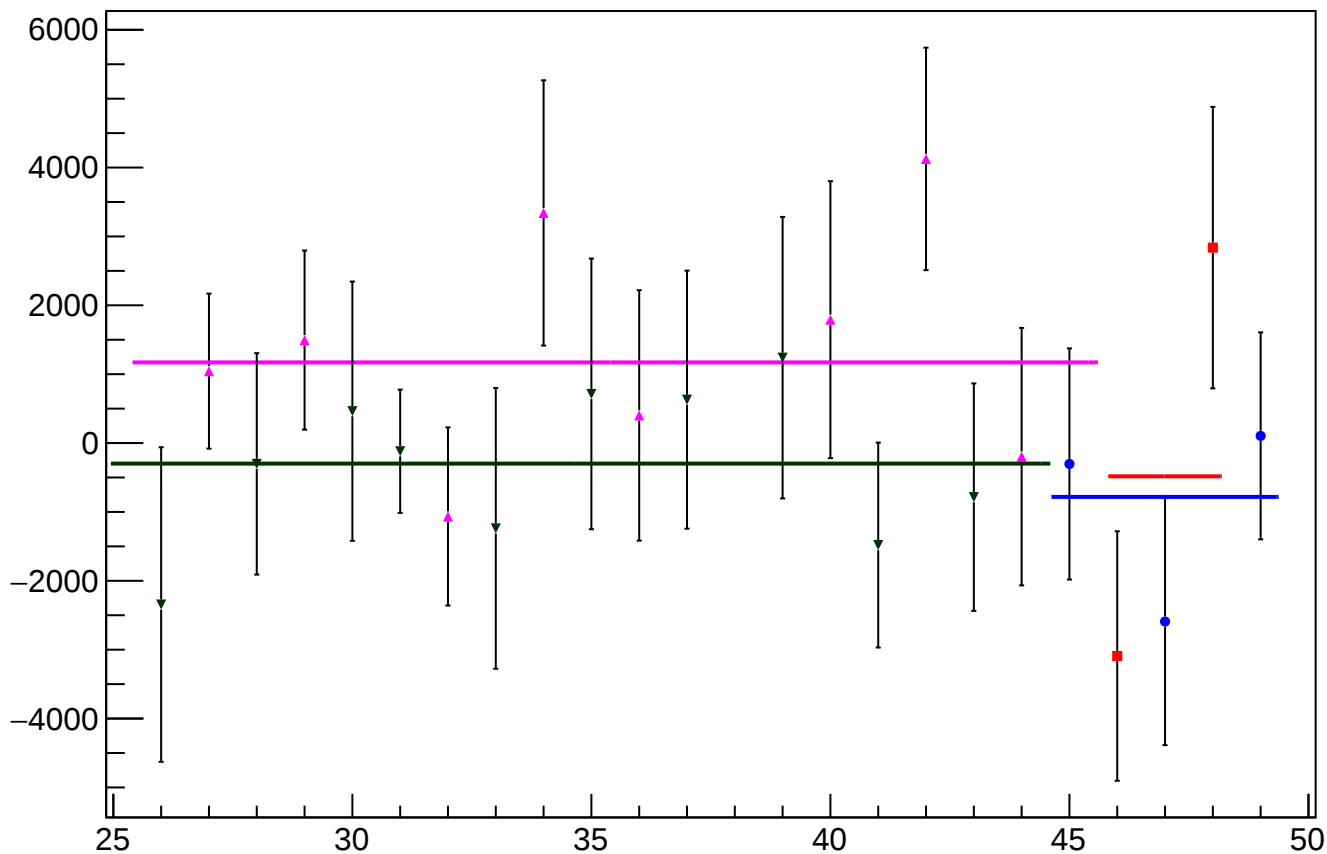
Left Out: 317.105 $\pm$ 0.100 χ^2 /NDF: 108292.1/9

Right Out: 327.065 $\pm$ 0.237 χ^2 /NDF: 5.8/1

Left In: 330.176 $\pm$ 0.105 χ^2 /NDF: 6835.5/7

325.623 $\pm$ 0.064 χ^2 /NDF: 132485.2/22

asym_atl1r2_dd_correction_mean vs slug



Right In: -781.540+/-949.807 χ^2/NDF : 1.4/2

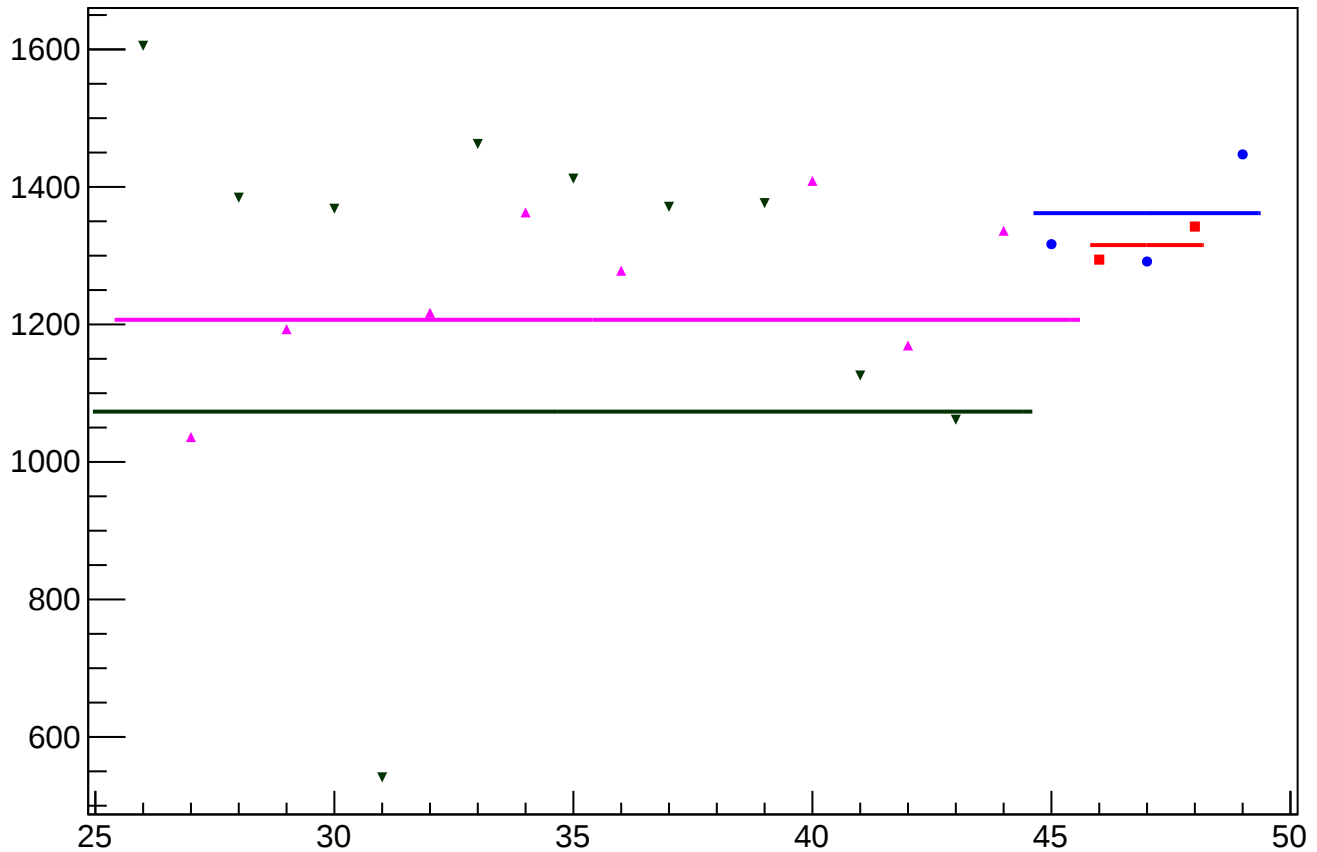
Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

Right Out: -482.976+/-1355.589 χ^2/NDF : 4.7/1

Left In: 1171.342+/-536.997 χ^2/NDF : 8.5/7

193.294+/-331.999 χ^2/NDF : 23.2/22

asym_atl1r2_dd_correction_rms vs slug



Right In: 1361.851+/-0.672 χ^2/NDF : 10983.7/2

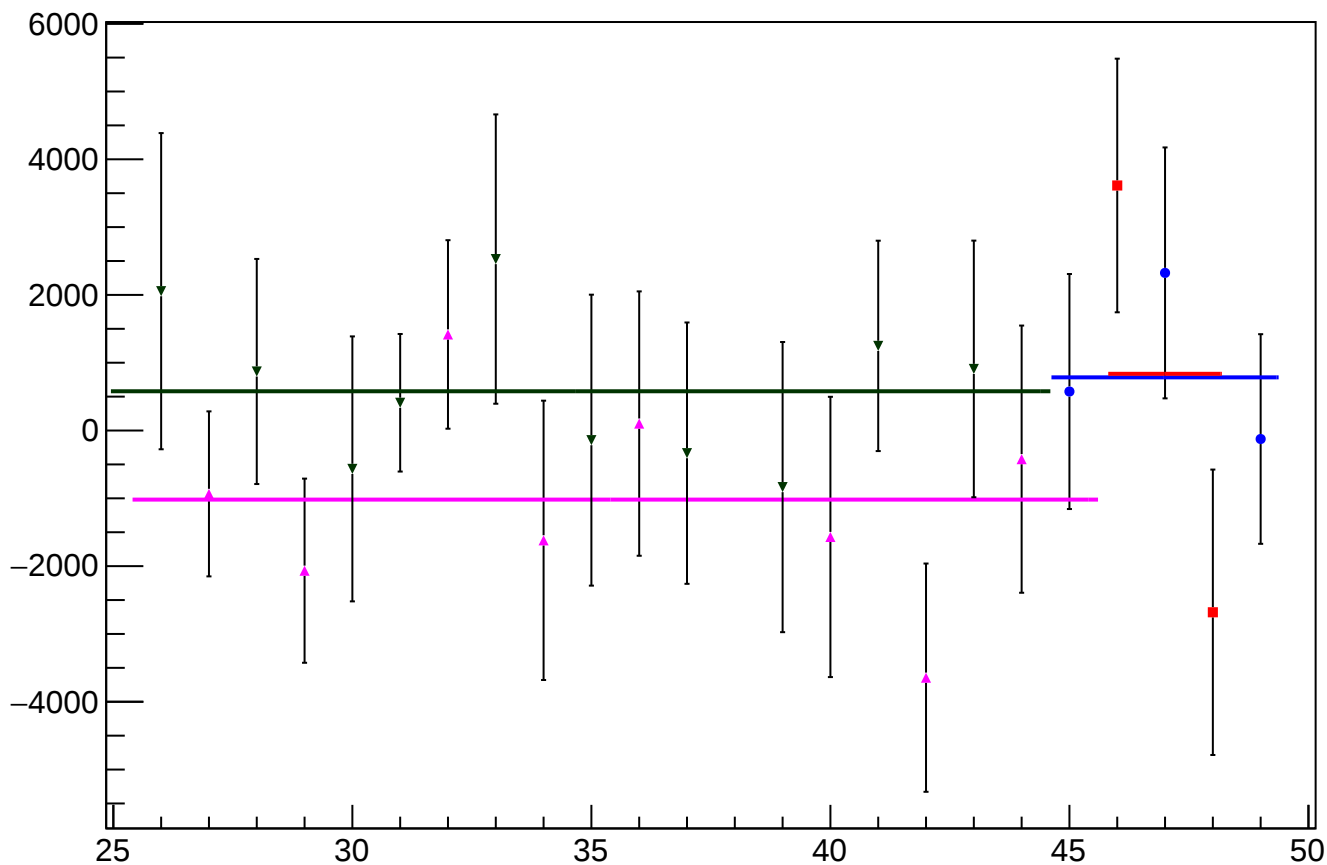
Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9

1174.045+/-0.235 χ^2/NDF : 1461537.1/22

Right Out: 1315.426+/-0.959 χ^2/NDF : 620.2/1

Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

asym_atl1r2_dd_mean vs slug



Right In: 784.049 $\pm$ 978.917 χ^2/NDF : 1.1/2

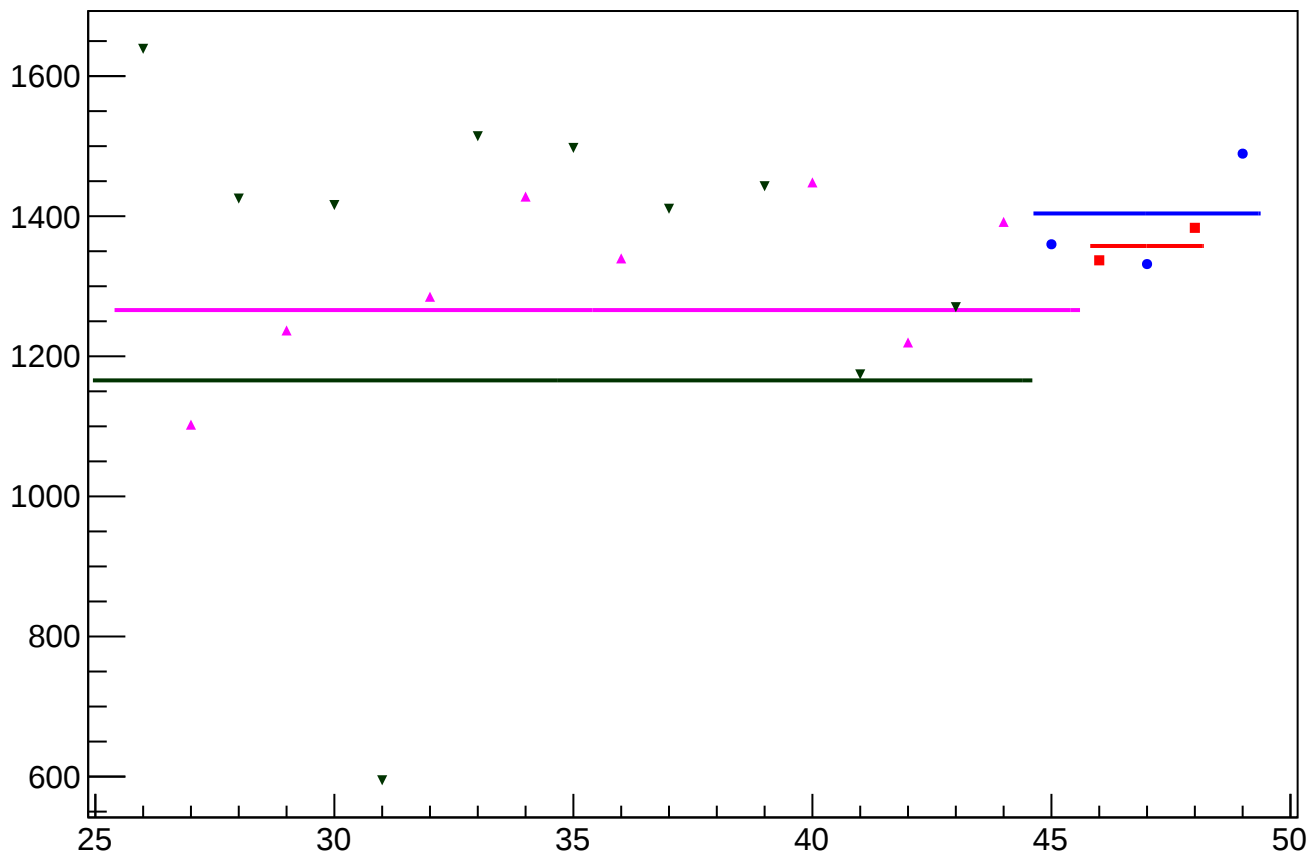
Left Out: 579.001 $\pm$ 542.319 χ^2/NDF : 2.6/9

Right Out: 836.523 $\pm$ 1397.998 χ^2/NDF : 5.0/1

Left In: -1018.709 $\pm$ 569.922 χ^2/NDF : 6.7/7

9.777 $\pm$ 352.804 χ^2/NDF : 20.7/22

asym_atl1r2_dd_rms vs slug



Right In: 1403.912 $\pm$ 0.692 χ^2 /NDF: 10441.4/2

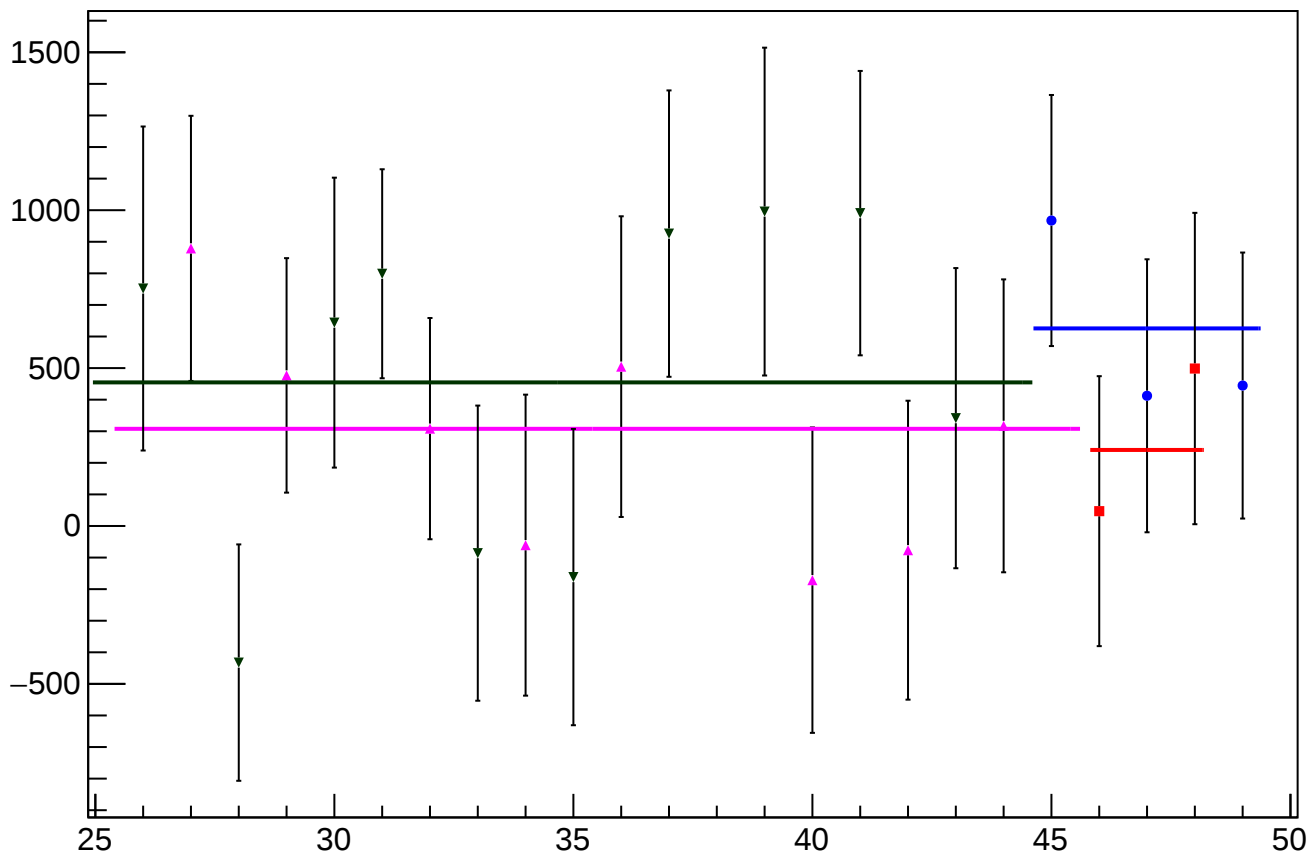
Left Out: 1165.616 $\pm$ 0.383 χ^2 /NDF: 970870.7/9

Right Out: 1357.492 $\pm$ 0.989 χ^2 /NDF: 542.1/1

Left In: 1265.999 $\pm$ 0.403 χ^2 /NDF: 77911.6/7

1247.256 $\pm$ 0.249 χ^2 /NDF: 1170906.8/22

reg_asym_atr1l2_avg_mean vs slug



Right In: 625.651 $\pm$ 240.300 χ^2 /NDF: 1.2/2

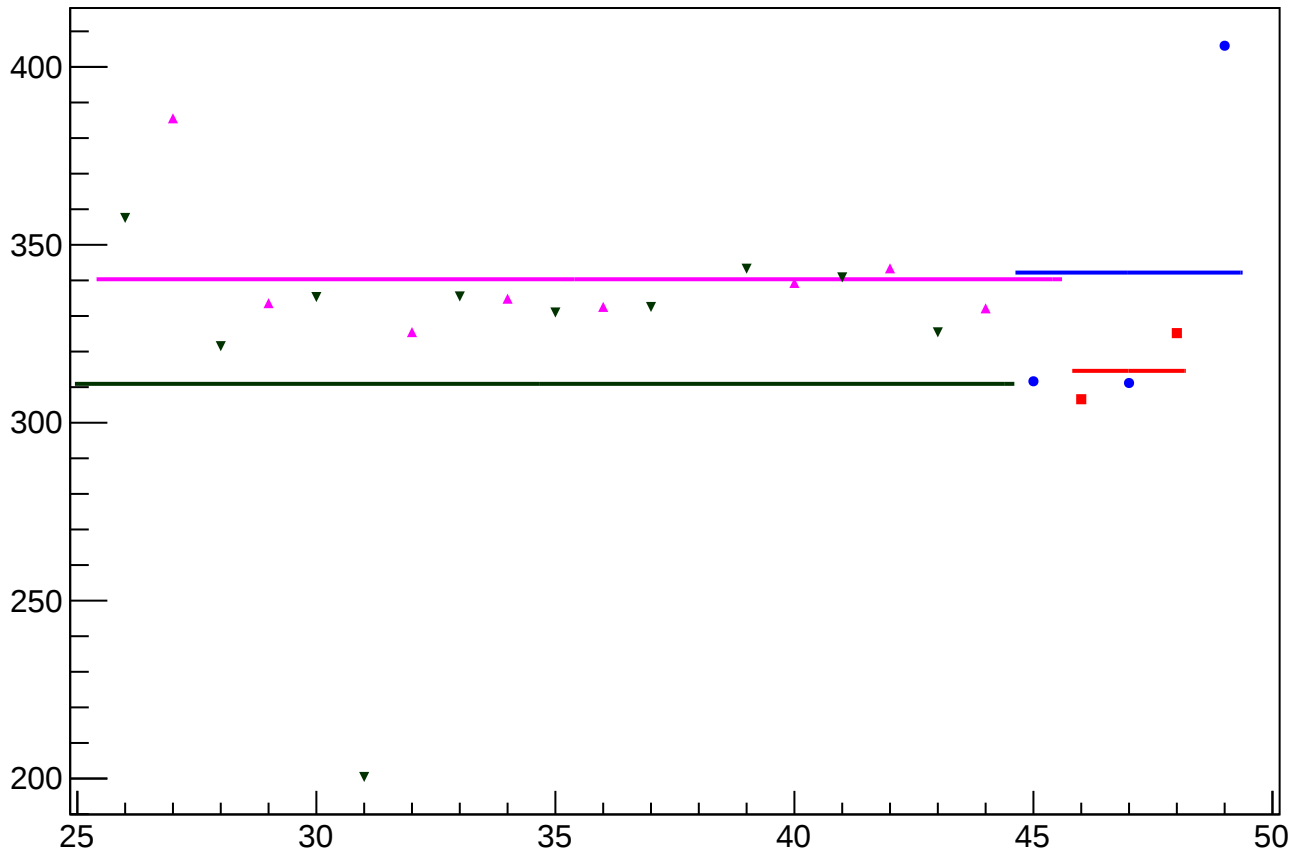
Left Out: 454.702 $\pm$ 138.846 χ^2 /NDF:13.9/9

Right Out: 240.779 $\pm$ 322.946 χ^2 /NDF: 0.5/1

Left In: 307.710 $\pm$ 151.999 χ^2 /NDF:4.5/7

410.028 $\pm$ 90.513 χ^2 /NDF: 21.7/22

reg_asym_atr1l2_avg_rms vs slug



Right In: 342.200 $\pm$ 0.170 χ^2 /NDF: 67950.4/2

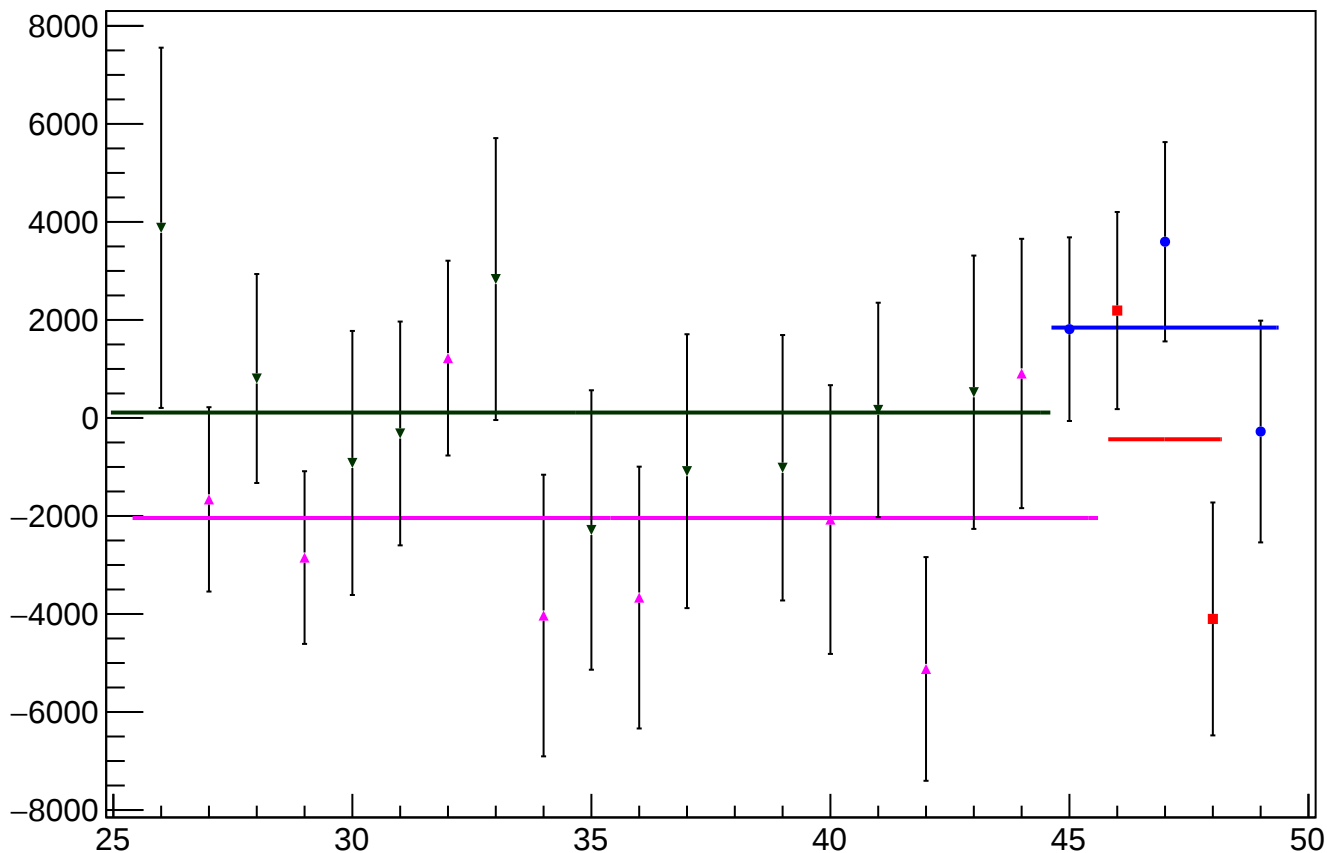
Left Out: 310.928 $\pm$ 0.098 χ^2 /NDF: 278877.1/9

Right Out: 314.579 $\pm$ 0.228 χ^2 /NDF: 1621.5/1

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.9/7

326.075 $\pm$ 0.064 χ^2 /NDF: 430344.8/22

asym_atr1l2_avg_correction_mean vs slug



Right In: 1844.149+/-1176.813 χ^2/NDF : 1.6/2

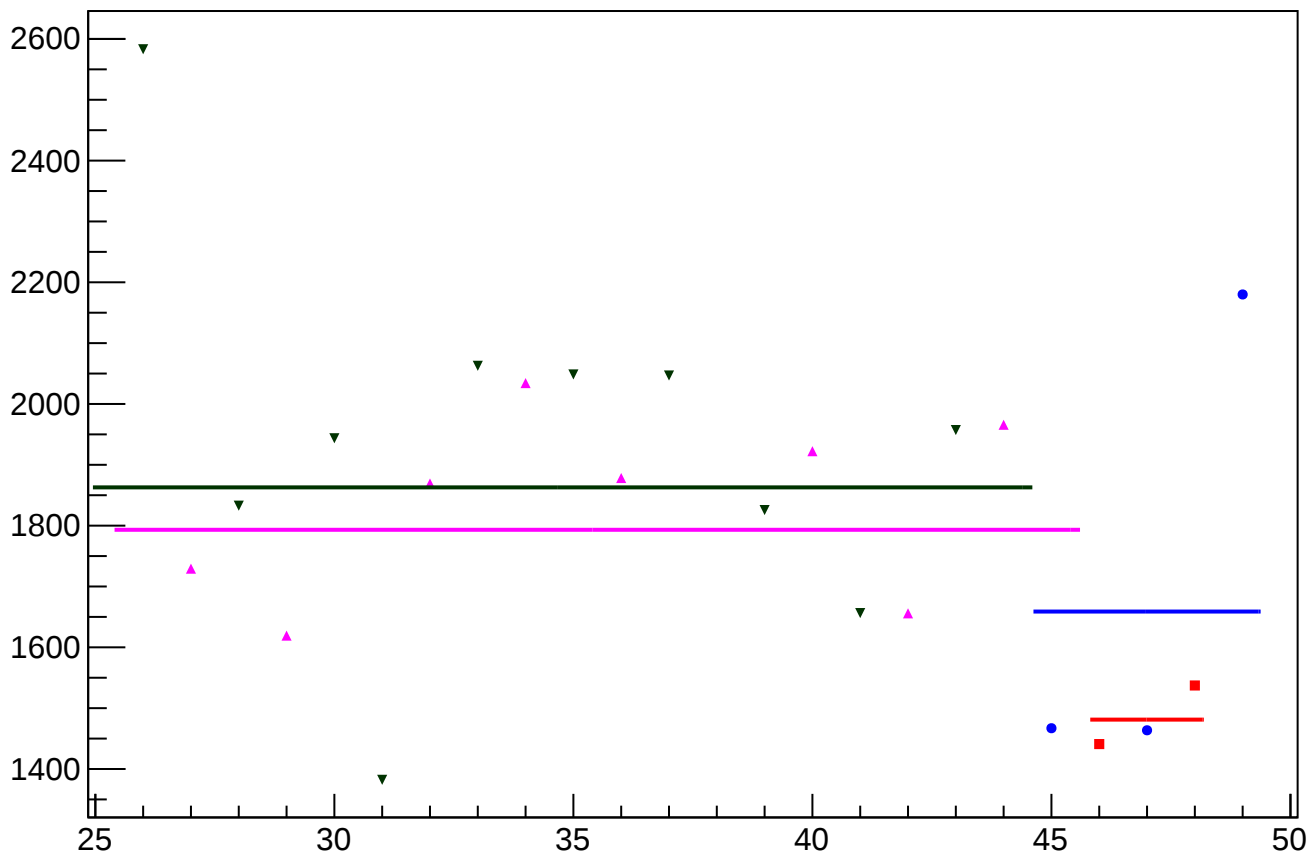
Left Out: 110.611+/-824.937 χ^2/NDF : 3.3/9

Right Out: -434.664+/-1535.168 χ^2/NDF : 4.1/1

Left In: -2041.346+/-796.392 χ^2/NDF : 6.8/7

-455.294+/-488.384 χ^2/NDF : 24.1/22

asym_atr1l2_avg_correction_rms vs slug



Right In: 1658.799+/-0.832 χ^2/NDF : 145514.0/2

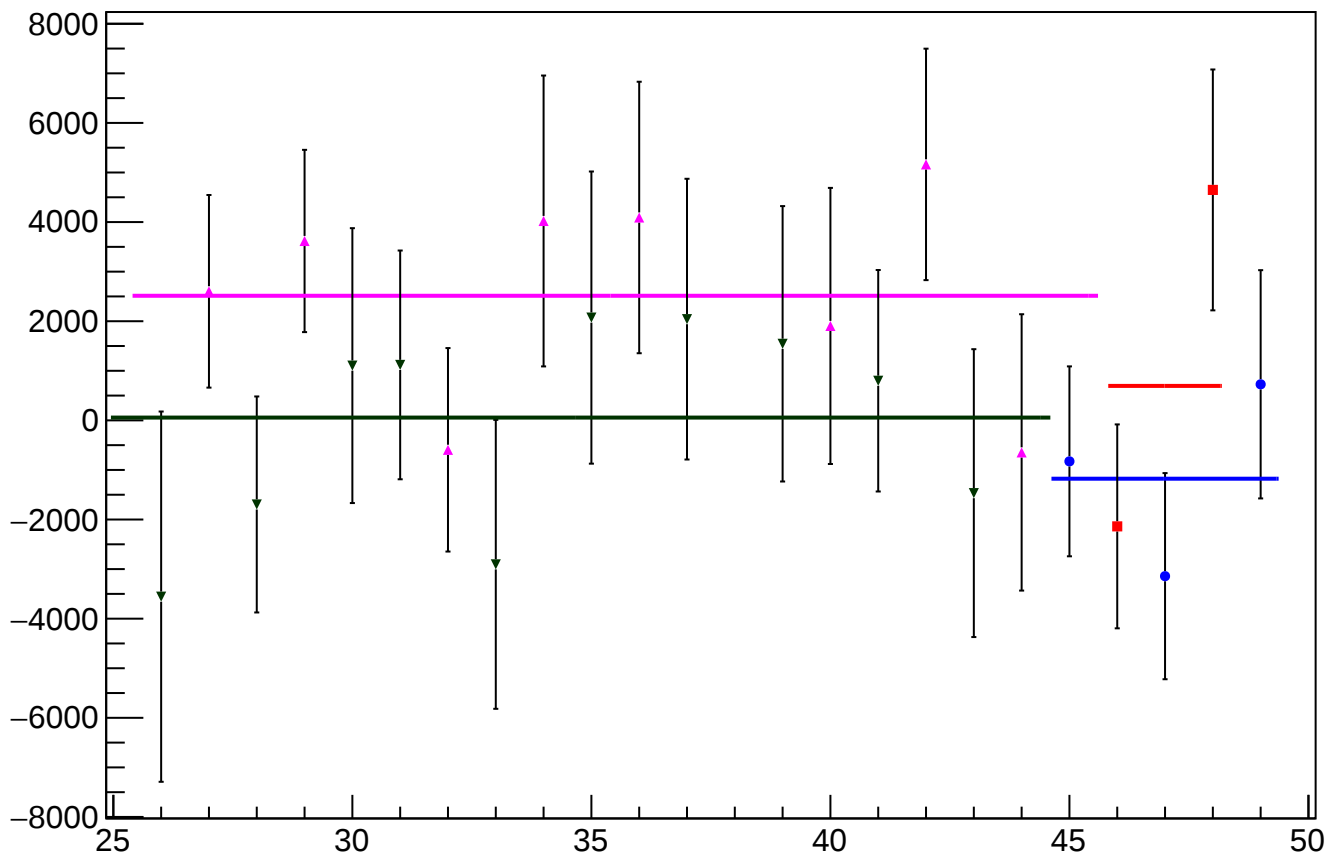
Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

1762.899+/-0.345 χ^2/NDF : 538042.7/22

Right Out: 1481.170+/-1.086 χ^2/NDF : 1913.6/1

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

asym_atr1l2_avg_mean vs slug



Right In: -1176.747 $\pm$ 1201.606 χ^2/NDF : 1.6/2

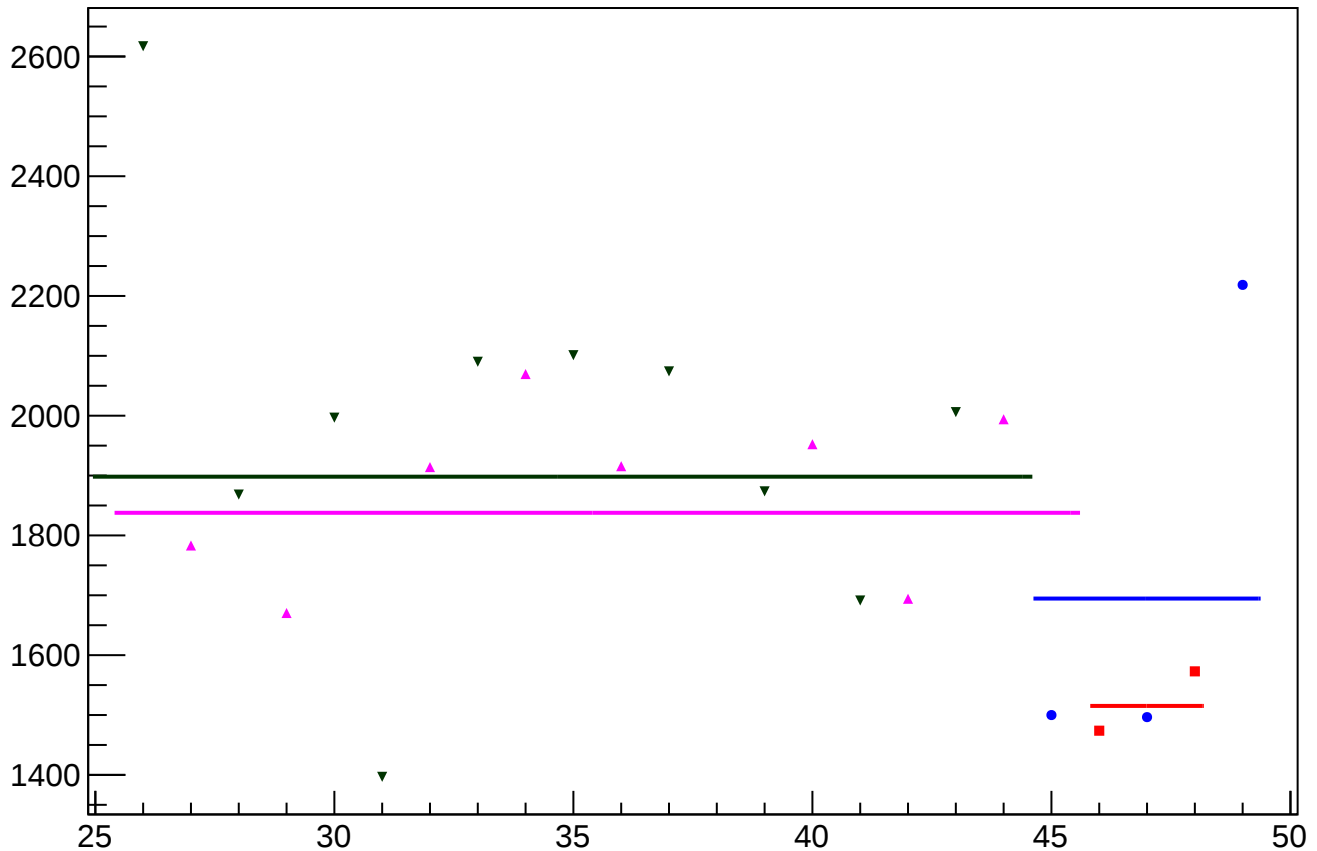
Left Out: 56.371 $\pm$ 843.149 χ^2/NDF : 4.6/9

Right Out: 695.220 $\pm$ 1569.753 χ^2/NDF : 4.5/1

Left In: 2513.421 $\pm$ 819.489 χ^2/NDF : 5.9/7

823.474 $\pm$ 500.366 χ^2/NDF : 24.5/22

asym_atr1l2_avg_rms vs slug



Right In: 1694.543+/-0.850 χ^2/NDF : 142392.2/2

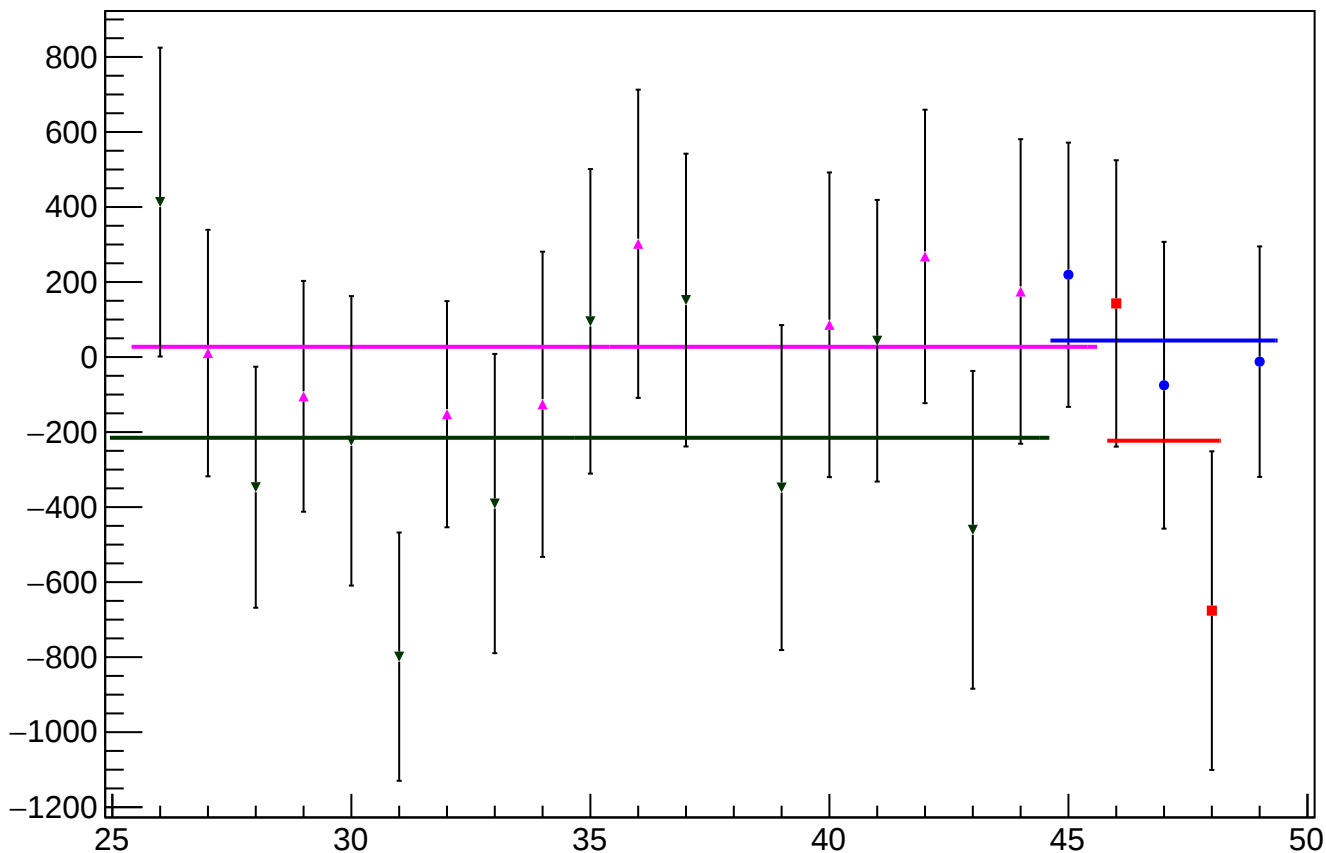
Left Out: 1898.125+/-0.596 χ^2/NDF : 217407.8/9

1801.428+/-0.354 χ^2/NDF : 526566.8/22

Right Out: 1515.206+/-1.110 χ^2/NDF : 1938.8/1

Left In: 1837.803+/-0.579 χ^2/NDF : 52264.8/7

reg_asym_atr1l2_dd_mean vs slug



Right In: 44.109+/-198.034 χ^2/NDF : 0.4/2

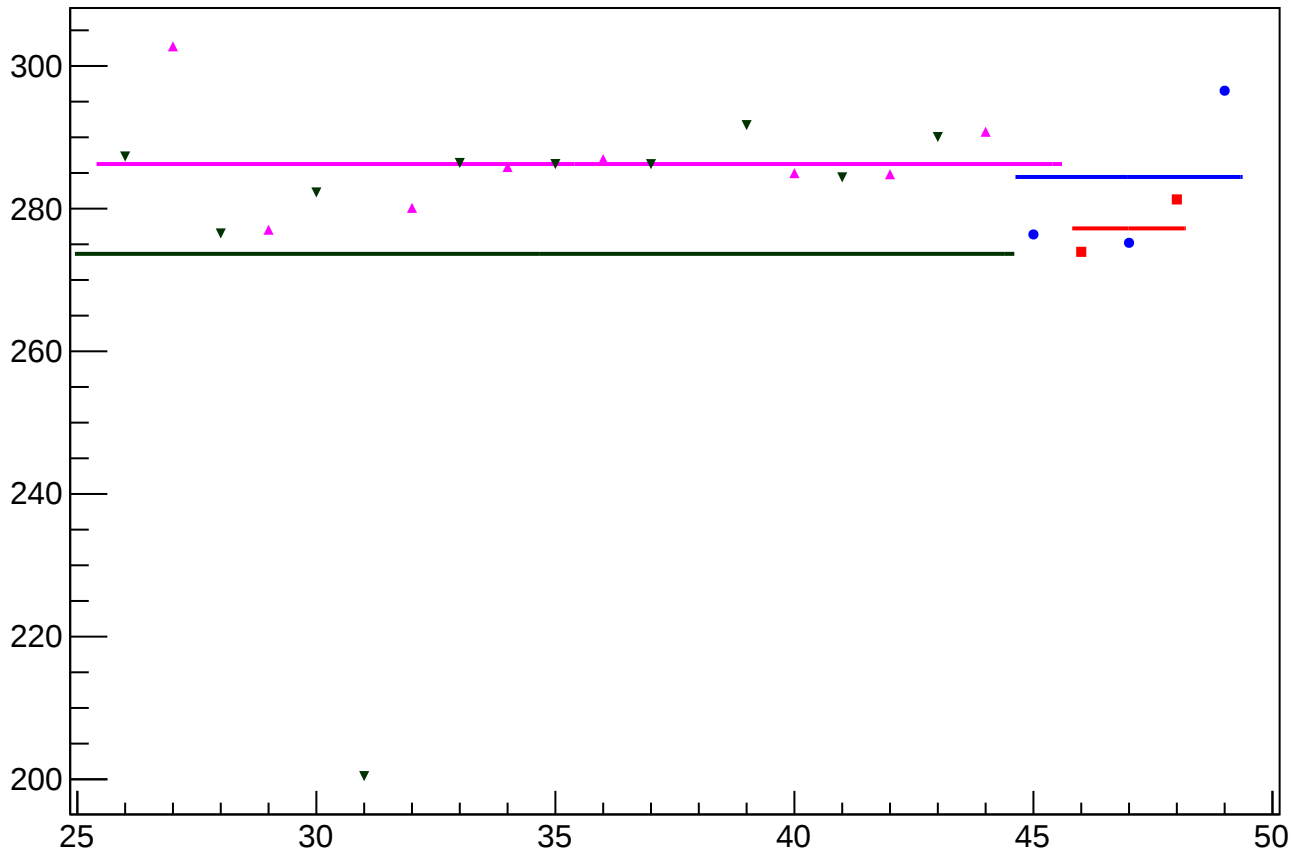
Left Out: -215.198+/-120.951 χ^2/NDF : 8.2/9

Right Out: -222.950+/-283.888 χ^2/NDF : 2.1/1

Left In: 27.345+/-127.553 χ^2/NDF : 1.7/7

-87.471+/-77.214 χ^2/NDF : 14.9/22

reg_asym_atr1l2_dd_rms vs slug



Right In: 284.440 ± 0.140 χ^2/NDF : 5312.1/2

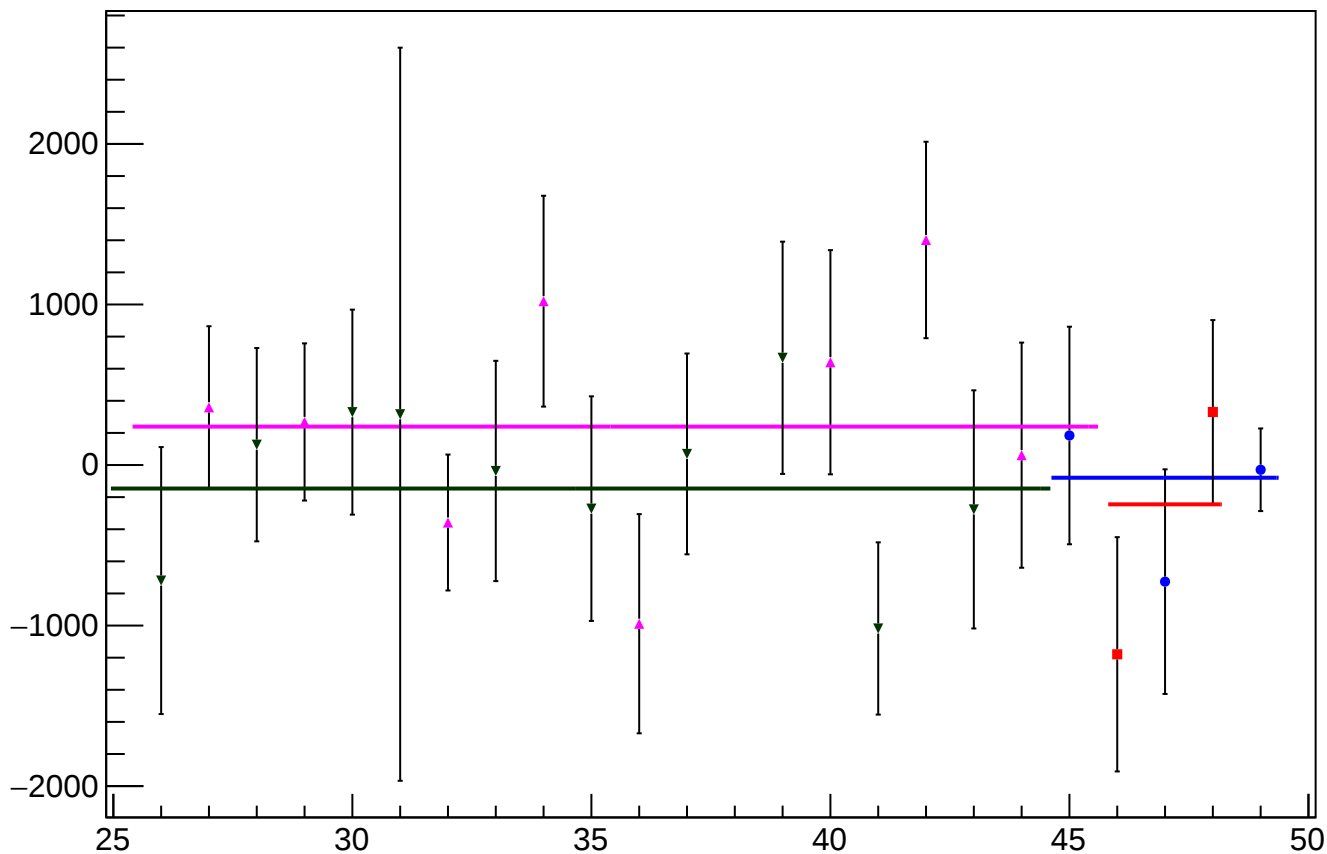
Left Out: 273.662 ± 0.086 χ^2/NDF : 115390.2/9

Right Out: 277.228 ± 0.201 χ^2/NDF : 331.0/1

Left In: 286.254 ± 0.090 χ^2/NDF : 7968.5/7

280.179 ± 0.055 χ^2/NDF : 140487.1/22

asym_atr1l2_dd_correction_mean vs slug



Right In: -79.181+/-227.524 χ^2/NDF : 1.0/2

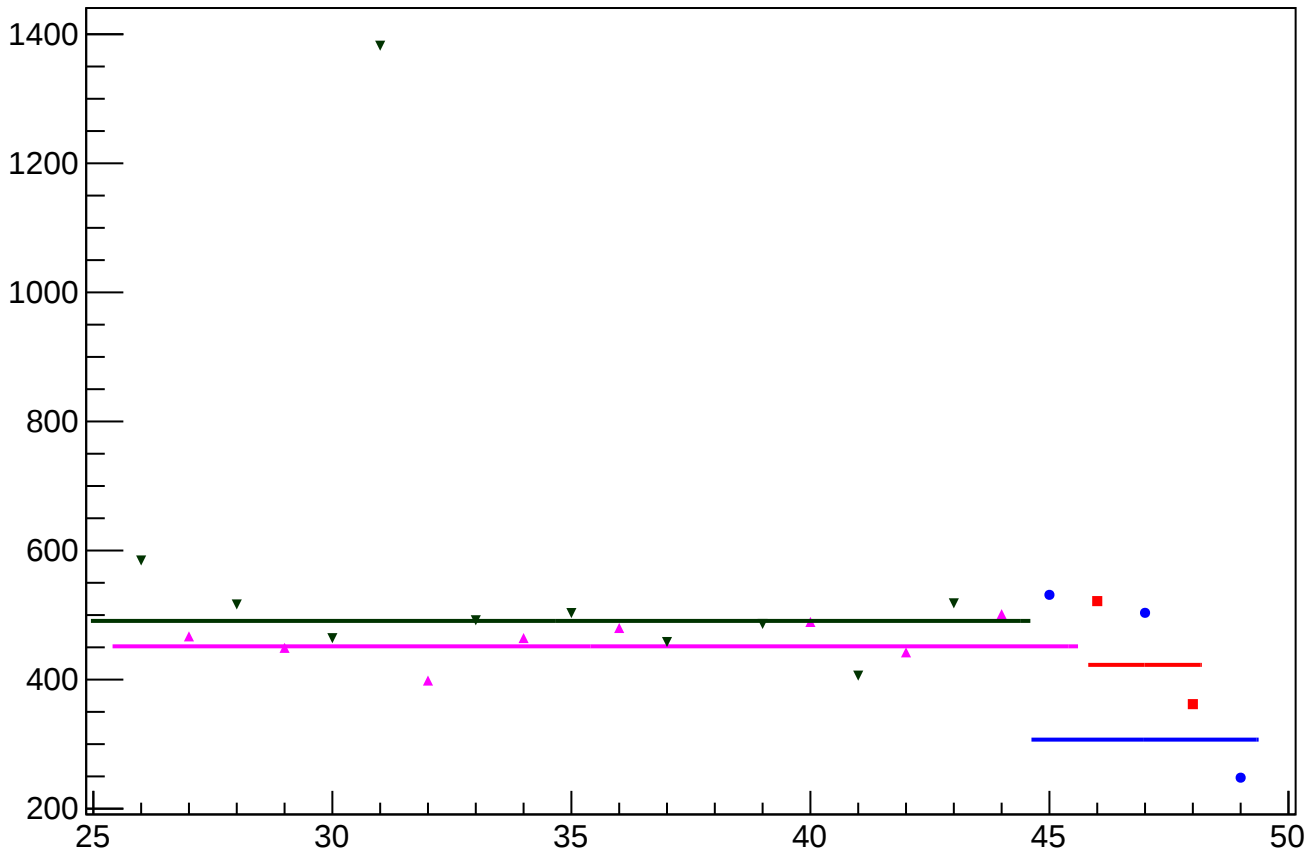
Left Out: -146.460+/-219.375 χ^2/NDF : 5.4/9

Right Out: -244.955+/-450.452 χ^2/NDF : 2.6/1

Left In: 239.342+/-200.411 χ^2/NDF : 10.7/7

2.560+/-119.589 χ^2/NDF : 22.1/22

asym_atr1l2_dd_correction_rms vs slug



Right In: 306.993+/-0.161 χ^2/NDF : 481994.8/2

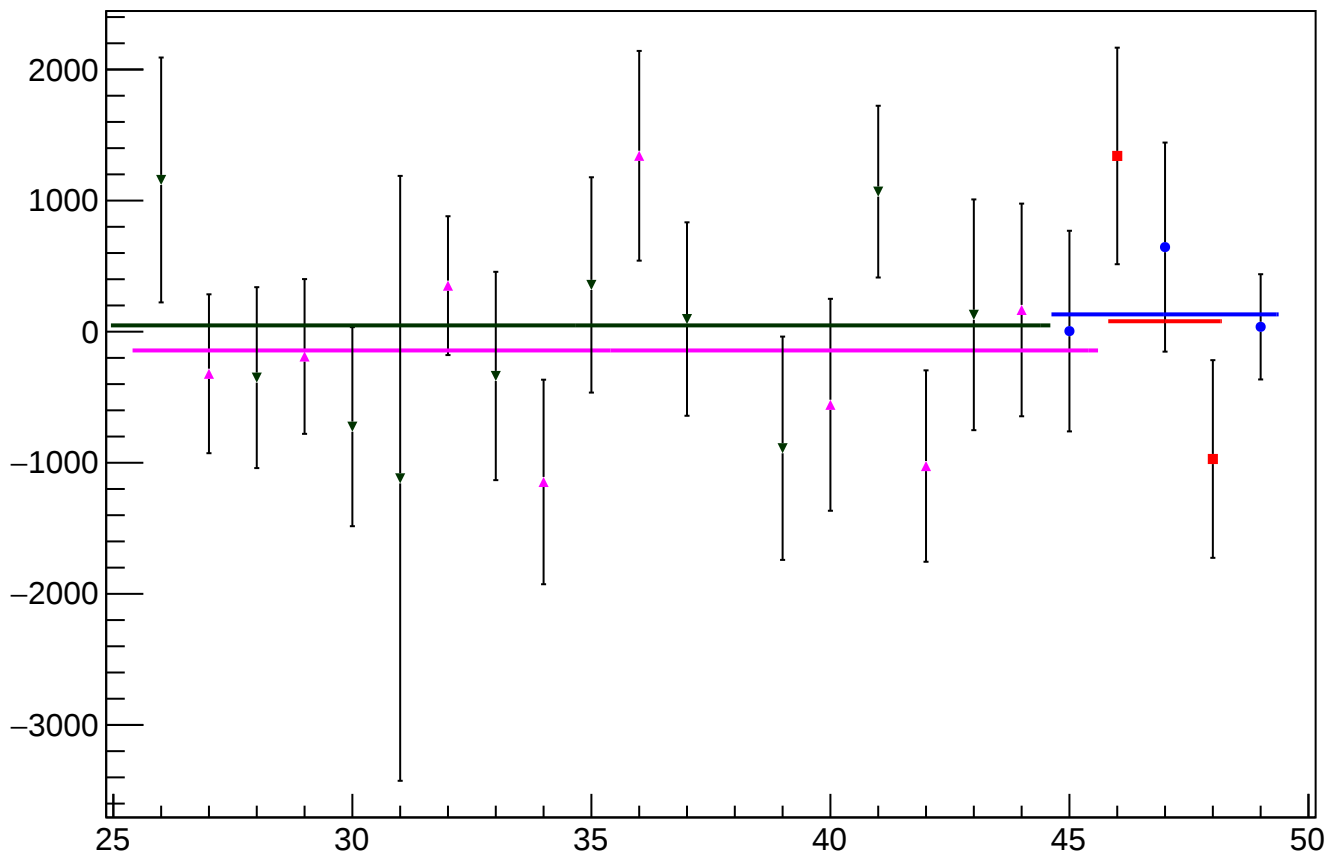
Left Out: 490.946+/-0.155 χ^2/NDF : 396061.5/9

Right Out: 422.830+/-0.319 χ^2/NDF : 59253.7/1

Left In: 451.550+/-0.142 χ^2/NDF : 53985.5/7

421.297+/-0.085 χ^2/NDF : 1743261.9/22

asym_atr1l2_dd_mean vs slug



Right In: 131.925 ± 324.695 χ^2/NDF : 0.5/2

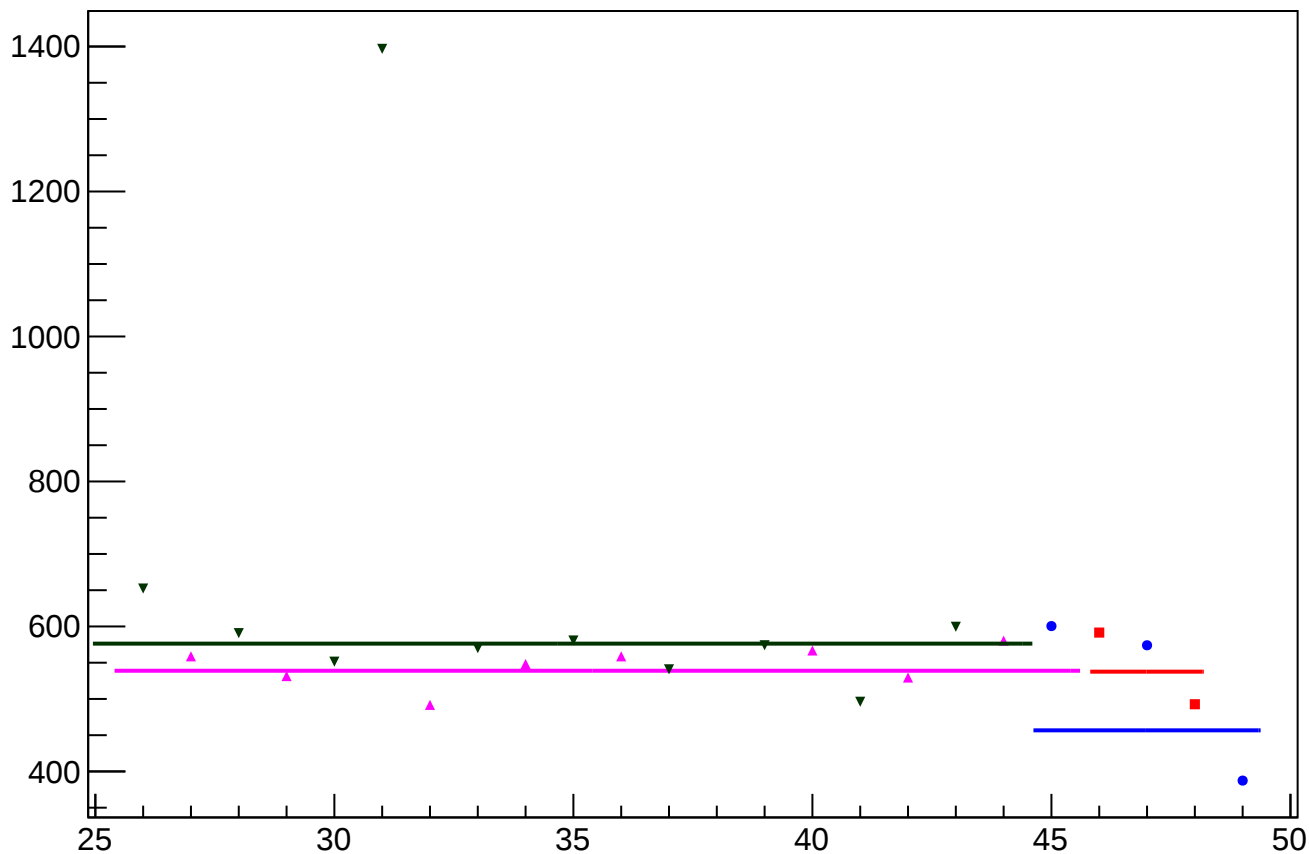
Left Out: 47.962 ± 257.579 χ^2/NDF : 7.1/9

Right Out: 79.539 ± 556.872 χ^2/NDF : 4.3/1

Left In: -143.227 ± 240.493 χ^2/NDF : 7.9/7

-5.451 ± 148.952 χ^2/NDF : 20.3/22

asym_atr1l2_dd_rms vs slug



Right In: 456.687 $\pm$ 0.230 χ^2/NDF : 173575.1/2

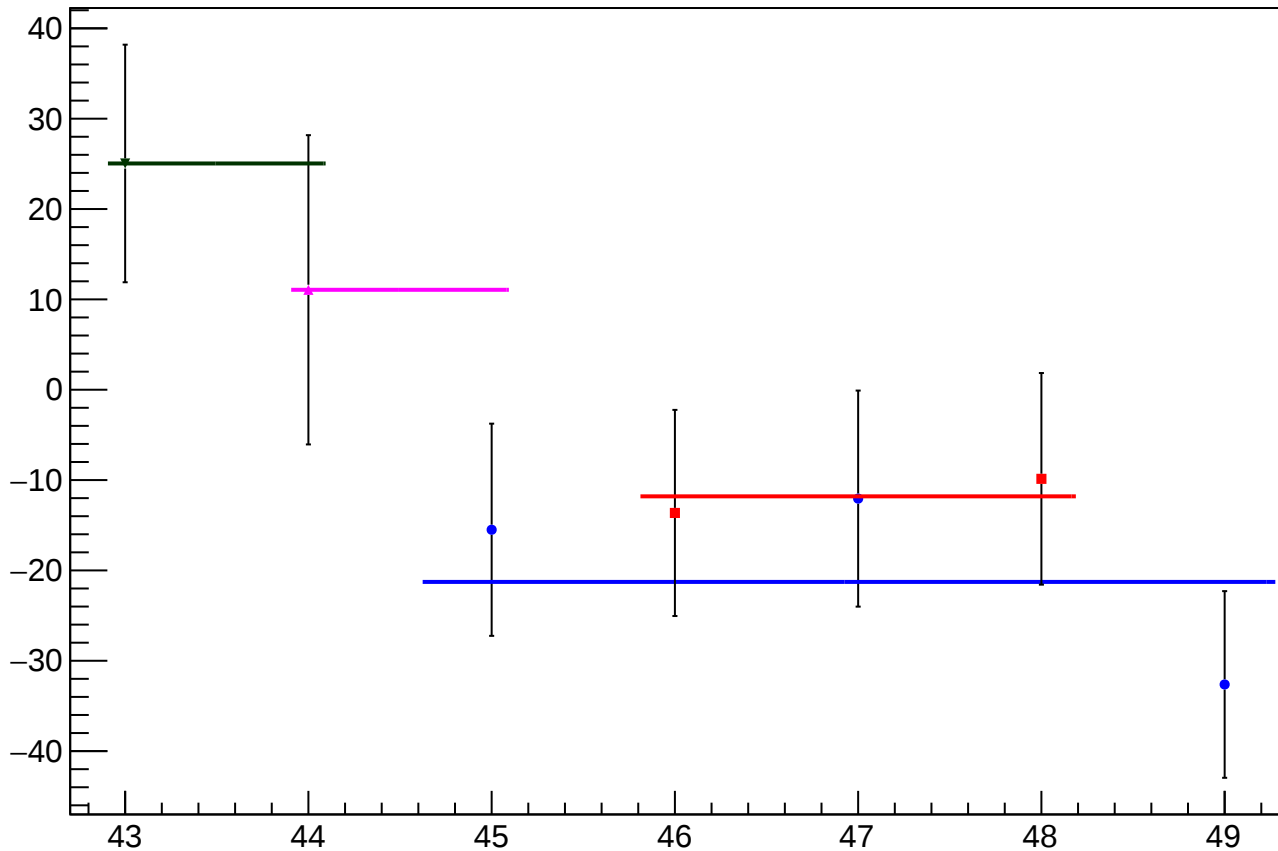
Left Out: 576.304 $\pm$ 0.182 χ^2/NDF : 305346.9/9

Right Out: 537.629 $\pm$ 0.394 χ^2/NDF : 15629.3/1

Left In: 538.892 $\pm$ 0.170 χ^2/NDF : 27750.6/7

534.012 $\pm$ 0.105 χ^2/NDF : 690554.8/22

diff_bpm0l01X_mean vs slug



Right In: -21.273 $\pm$ 6.507 χ^2 /NDF: 2.0/2

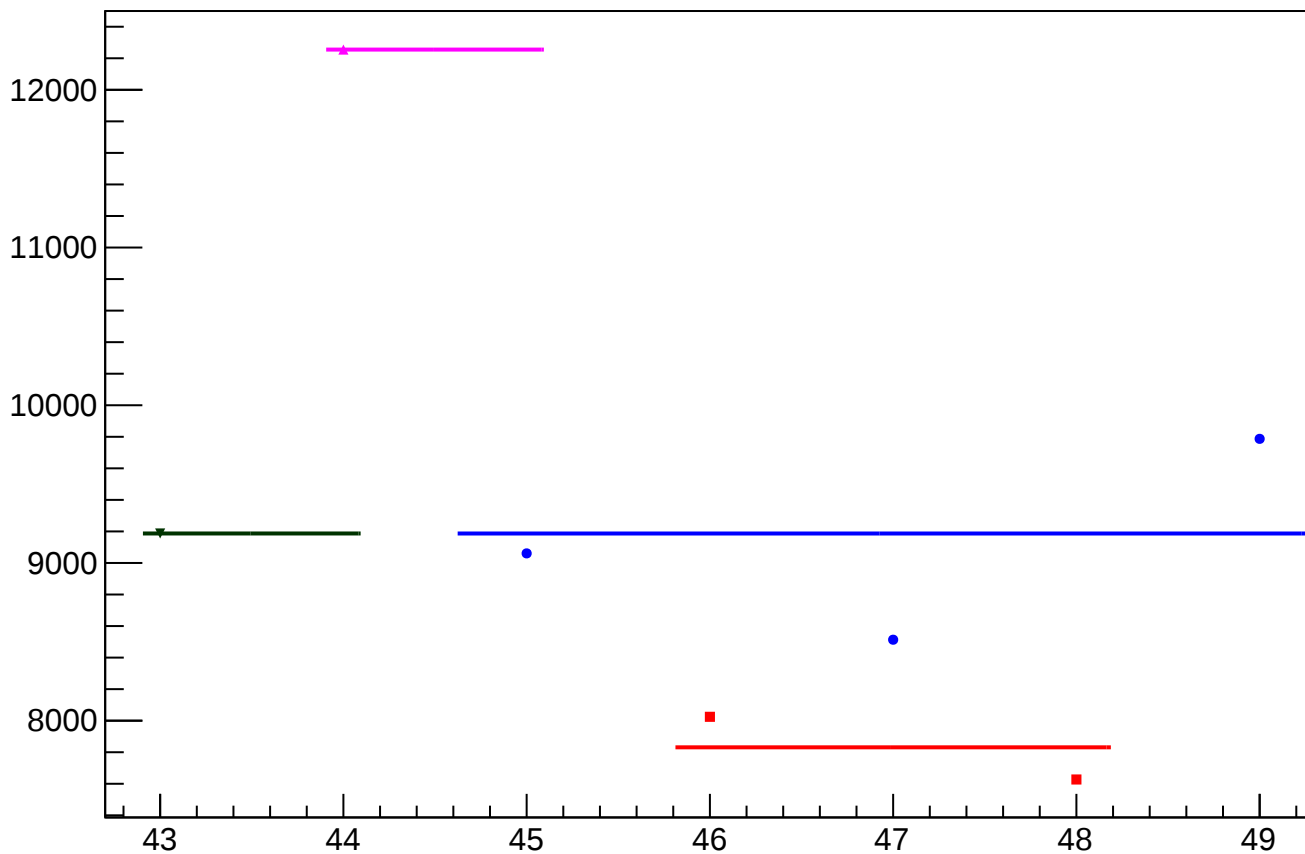
Left Out: 25.043 $\pm$ 13.149 χ^2 /NDF: 0.0/0

Right Out: -11.801 $\pm$ 8.172 χ^2 /NDF: 0.1/1

Left In: 11.060 $\pm$ 17.116 χ^2 /NDF: 0.0/0

-10.389 $\pm$ 4.574 χ^2 /NDF: 13.8/6

diff_bpm0l01X_rms vs slug



Right In: 9186.836+/-4.601 χ^2/NDF : 13325.6/2

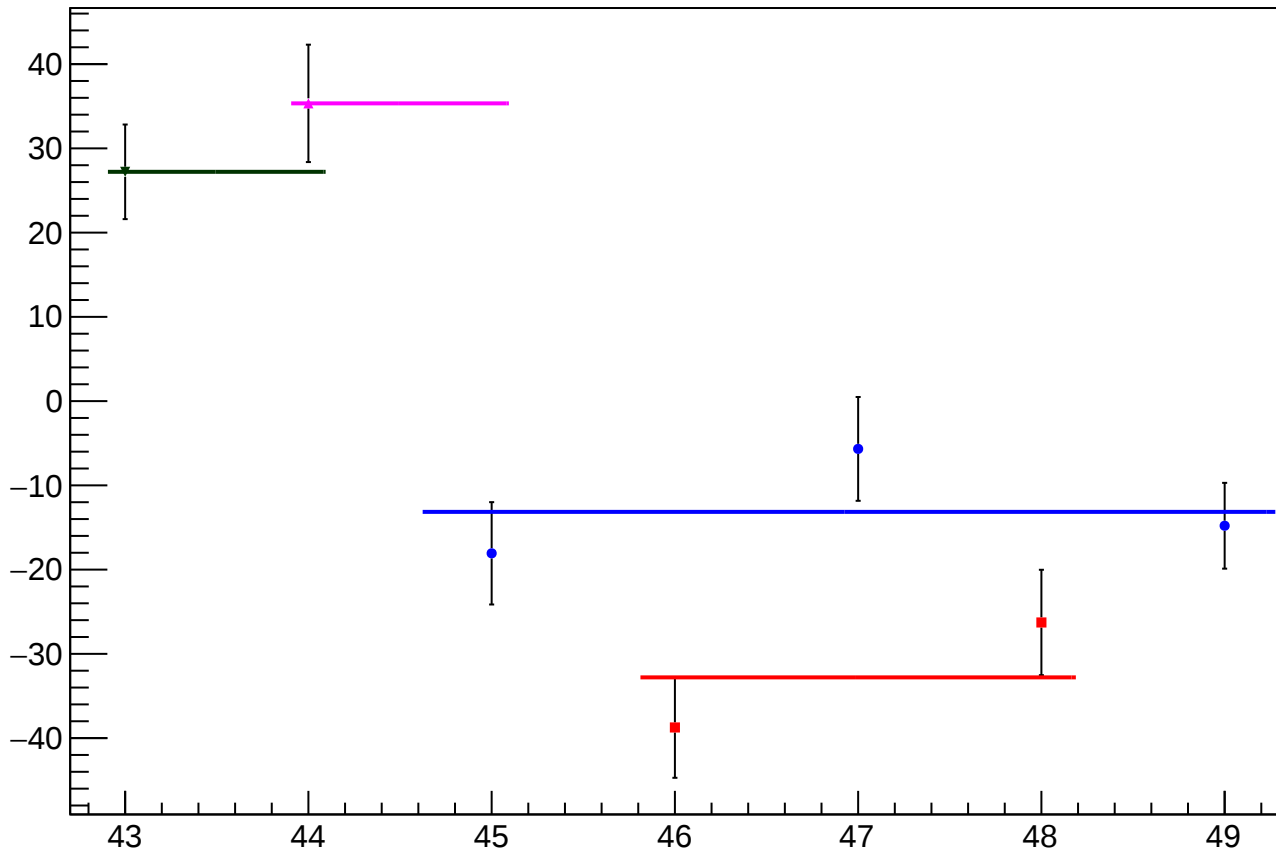
Left Out: 9187.011+/-9.298 χ^2/NDF : 0.0/0

Right Out: 7831.113+/-5.778 χ^2/NDF : 1182.1/1

Left In: 12255.114+/-12.103 χ^2/NDF : 0.0/0

8981.179+/-3.235 χ^2/NDF : 129788.8/6

diff_bpm0l01Y_mean vs slug



Right In: -13.147 $\pm$ 3.297 χ^2 /NDF: 2.2/2

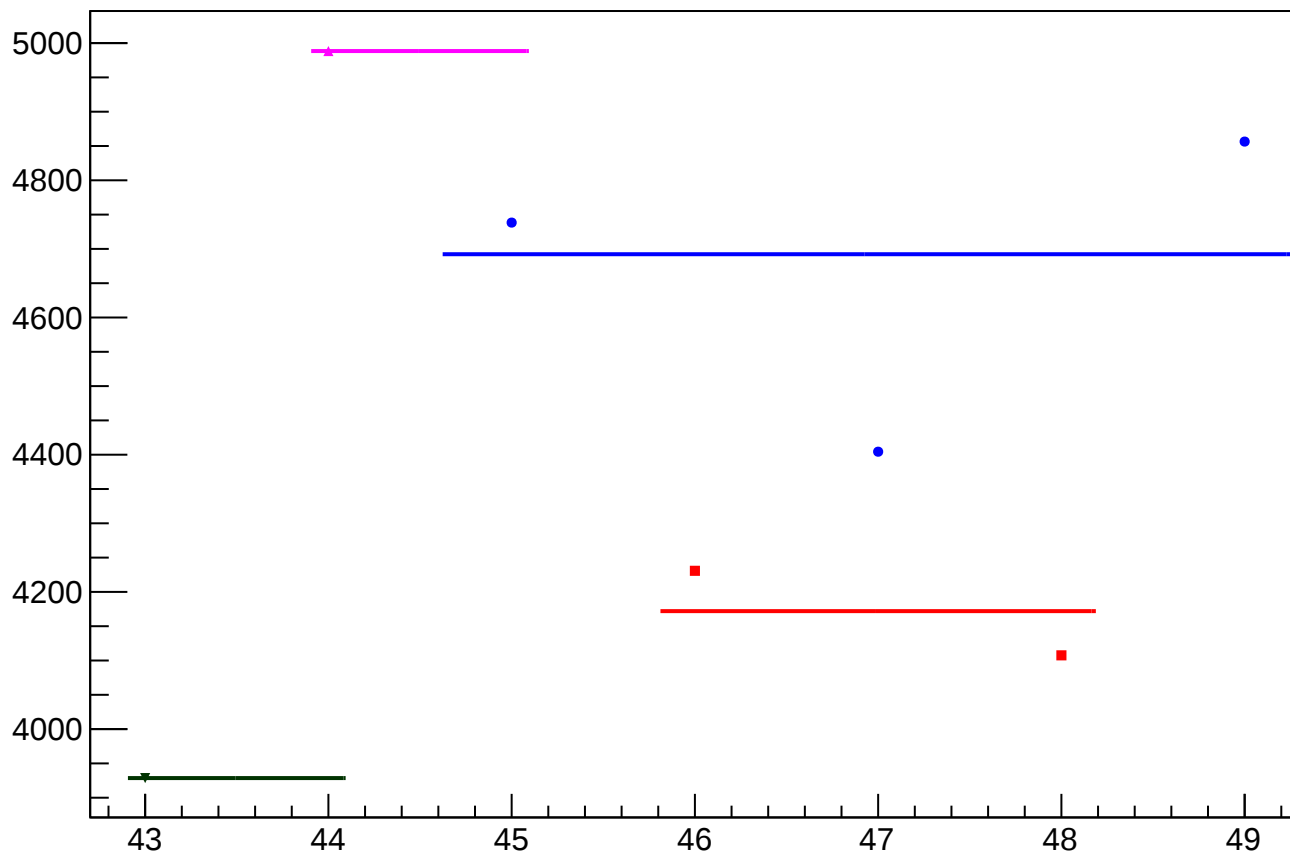
Left Out: 27.217 $\pm$ 5.615 χ^2 /NDF: 0.0/0

Right Out: -32.792 $\pm$ 4.321 χ^2 /NDF: 2.1/1

Left In: 35.342 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-6.949 $\pm$ 2.248 χ^2 /NDF: 117.5/6

diff_bpm0l01Y_rms vs slug



Right In: 4692.249+/-2.331 χ^2/NDF : 6560.6/2

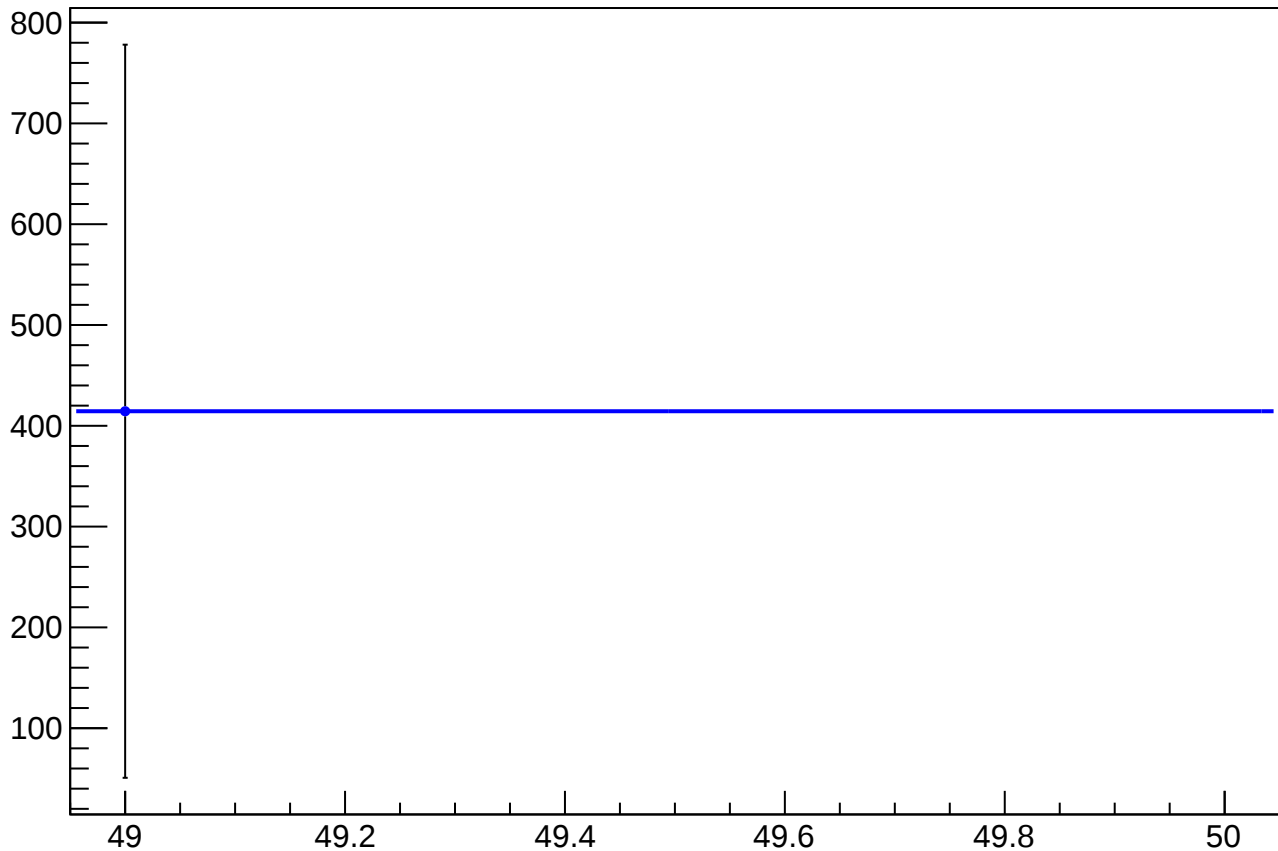
Left Out: 3928.623+/-3.970 χ^2/NDF : 0.0/0

Right Out: 4171.976+/-3.055 χ^2/NDF : 405.9/1

Left In: 4988.411+/-4.927 χ^2/NDF : 0.0/0

4459.861+/-1.589 χ^2/NDF : 55197.0/6

asym_ds_agg_av_mean vs slug



Right In: 414.444+/-363.657 χ^2/NDF : 0.0/0

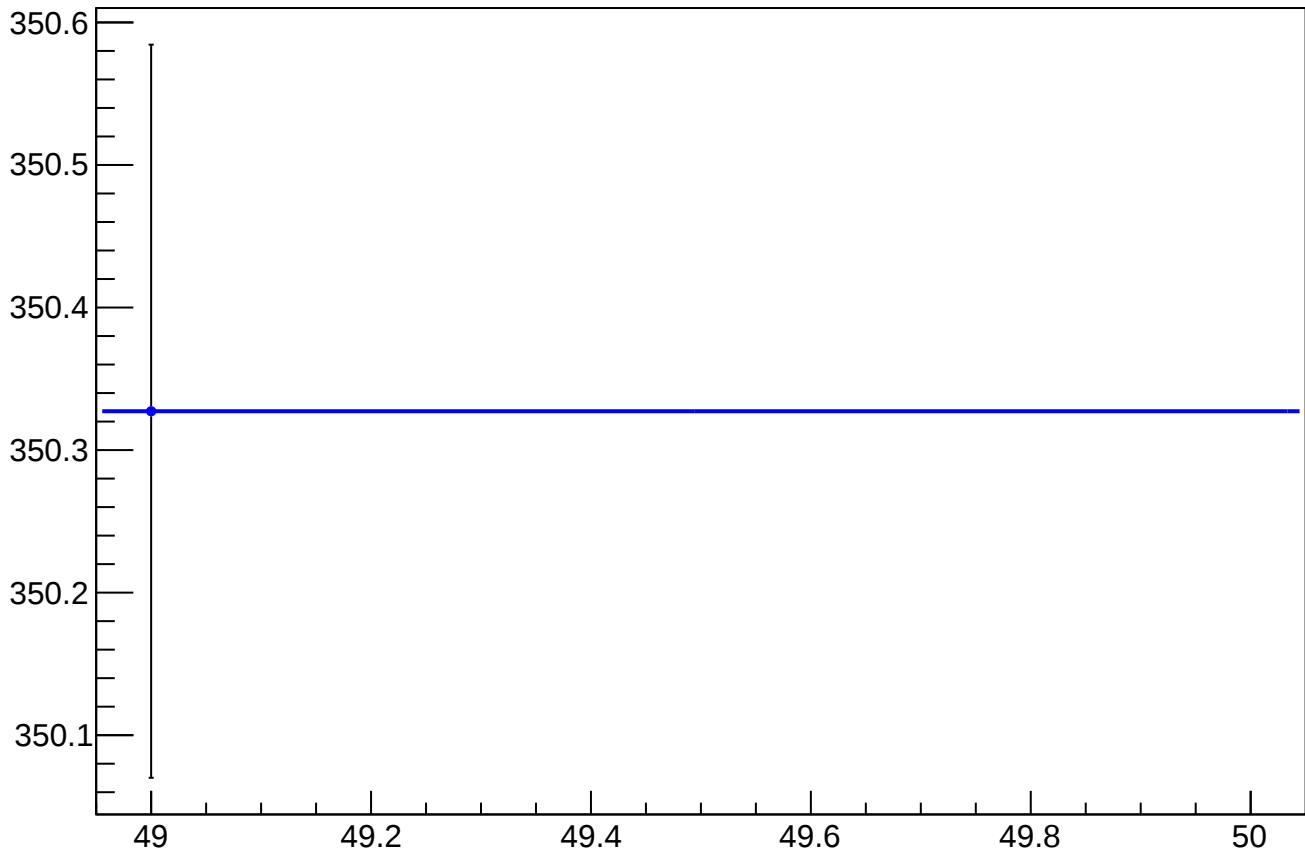
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

414.444+/-363.657 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

asym_ds_agg_av_rms vs slug



Right In: 350.327+/-0.257 χ^2 /NDF: 0.0/0

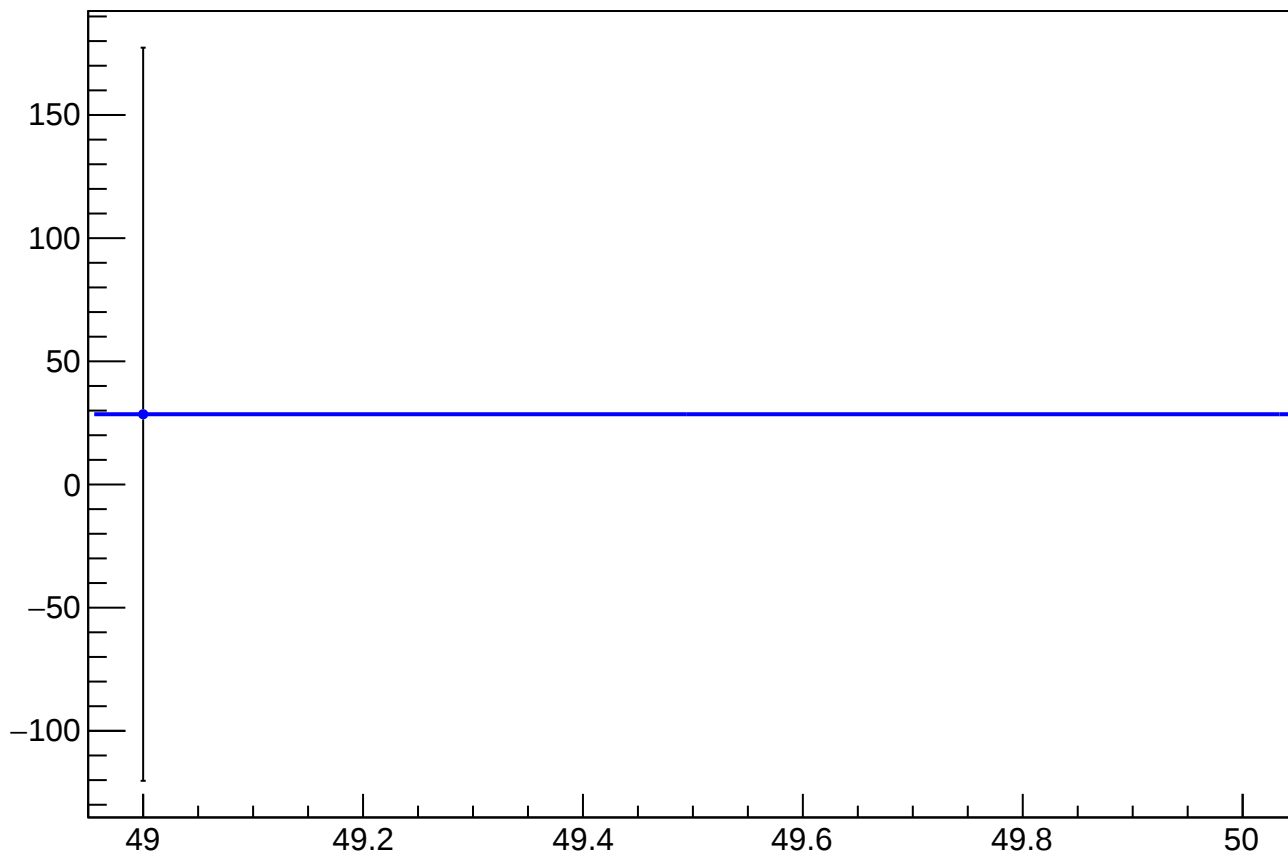
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

350.327+/-0.257 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 28.525+/-148.803 χ^2/NDF : 0.0/0

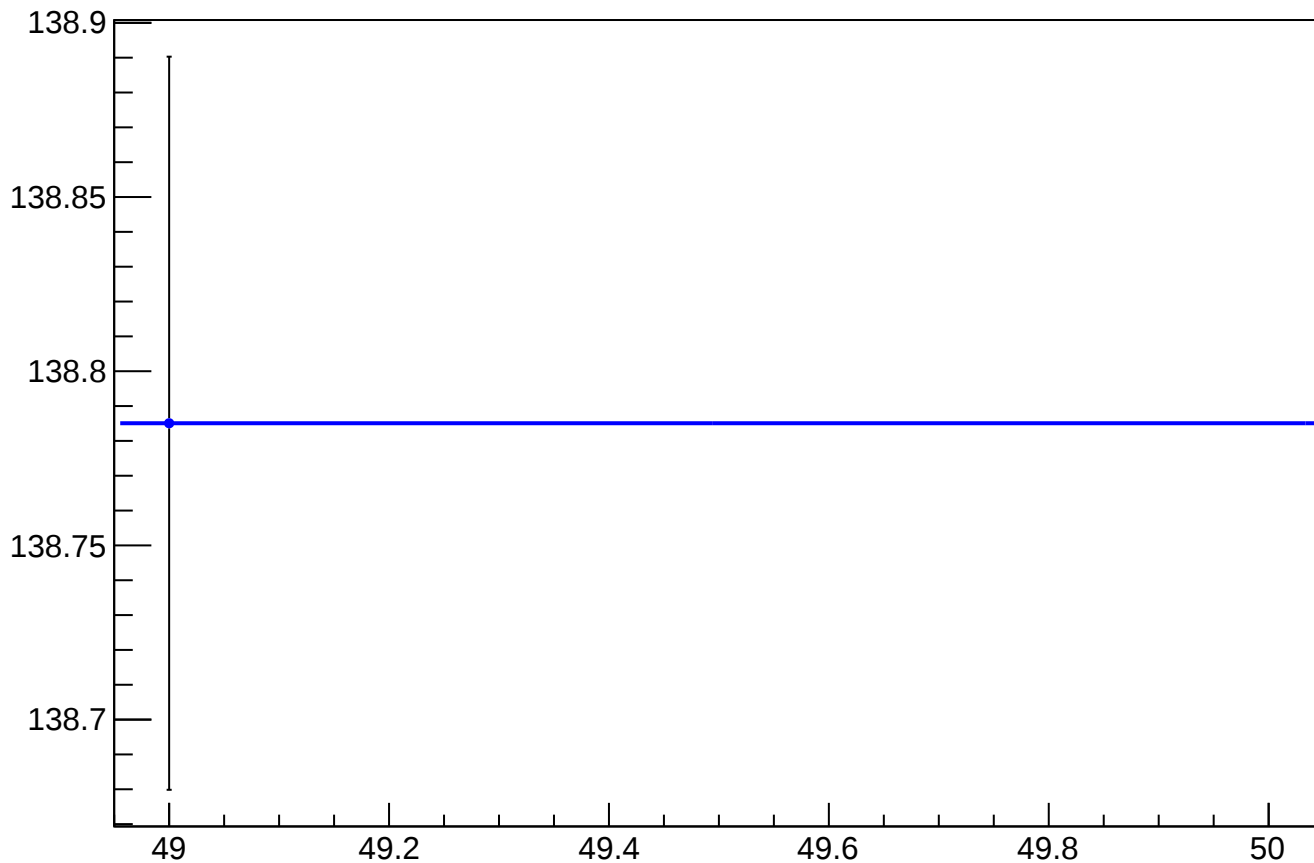
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

28.525+/-148.803 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 138.785+/-0.105 χ^2/NDF : 0.0/0

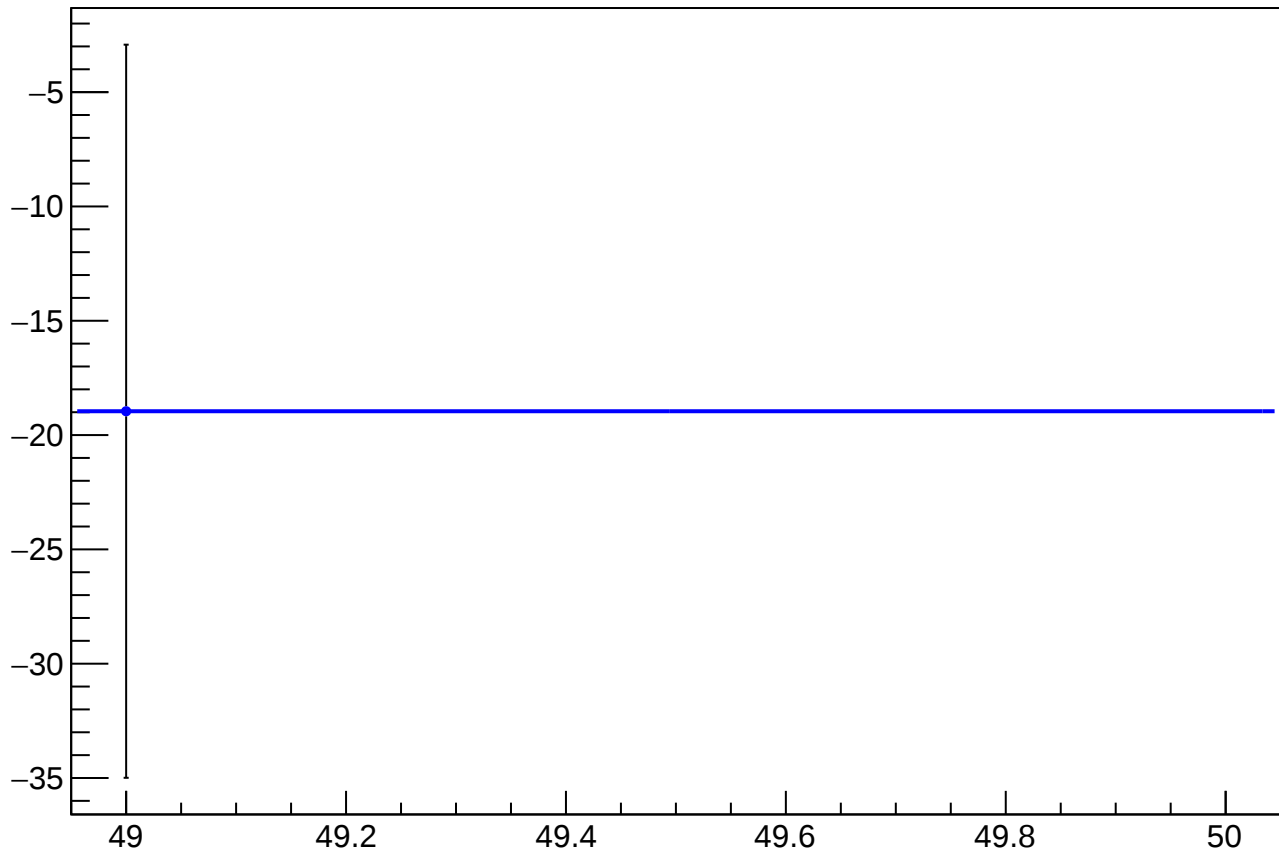
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

138.785+/-0.105 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -18.957 $\pm$ 16.034 χ^2 /NDF: 0.0/0

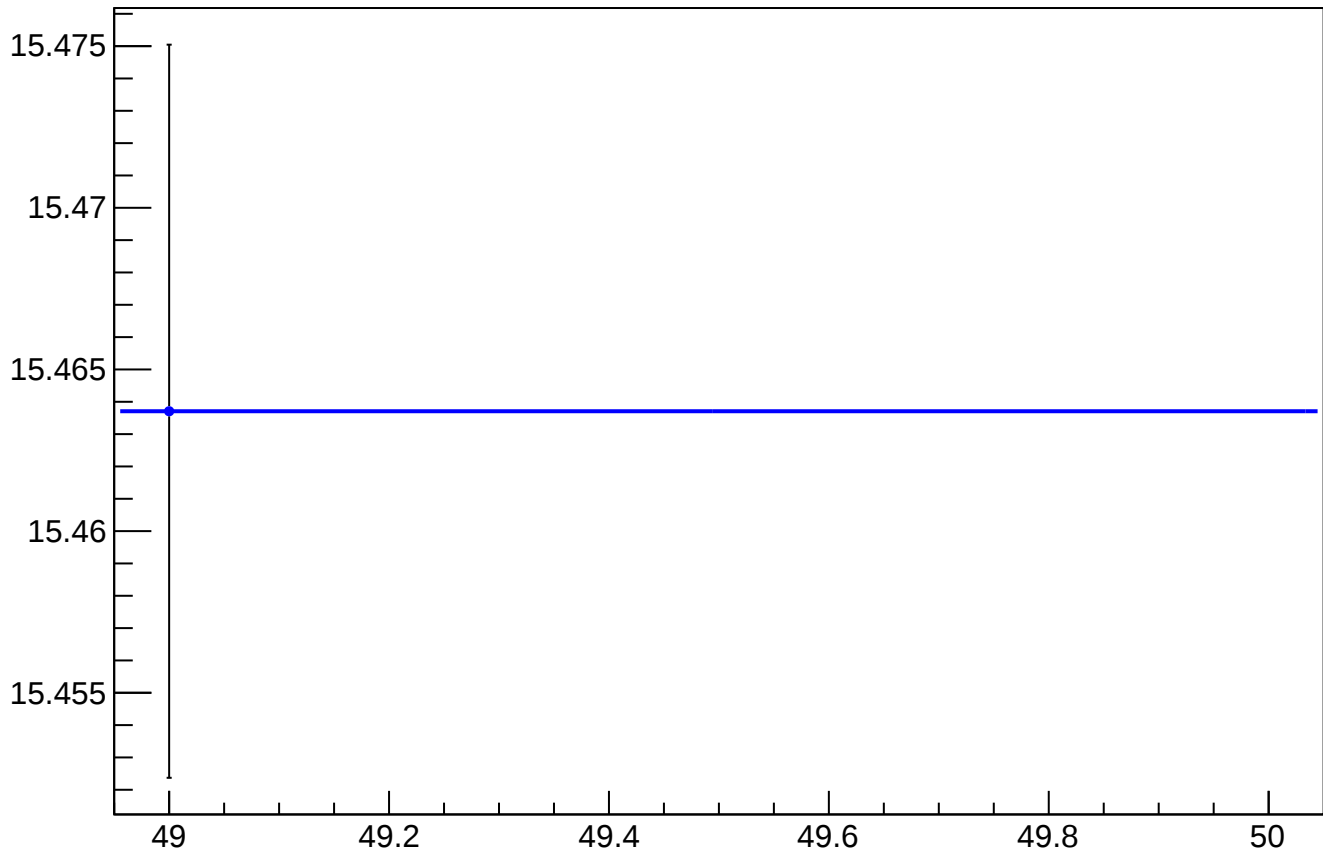
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-18.957 $\pm$ 16.034 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.464 $\pm$ 0.011 χ^2 /NDF: 0.0/0

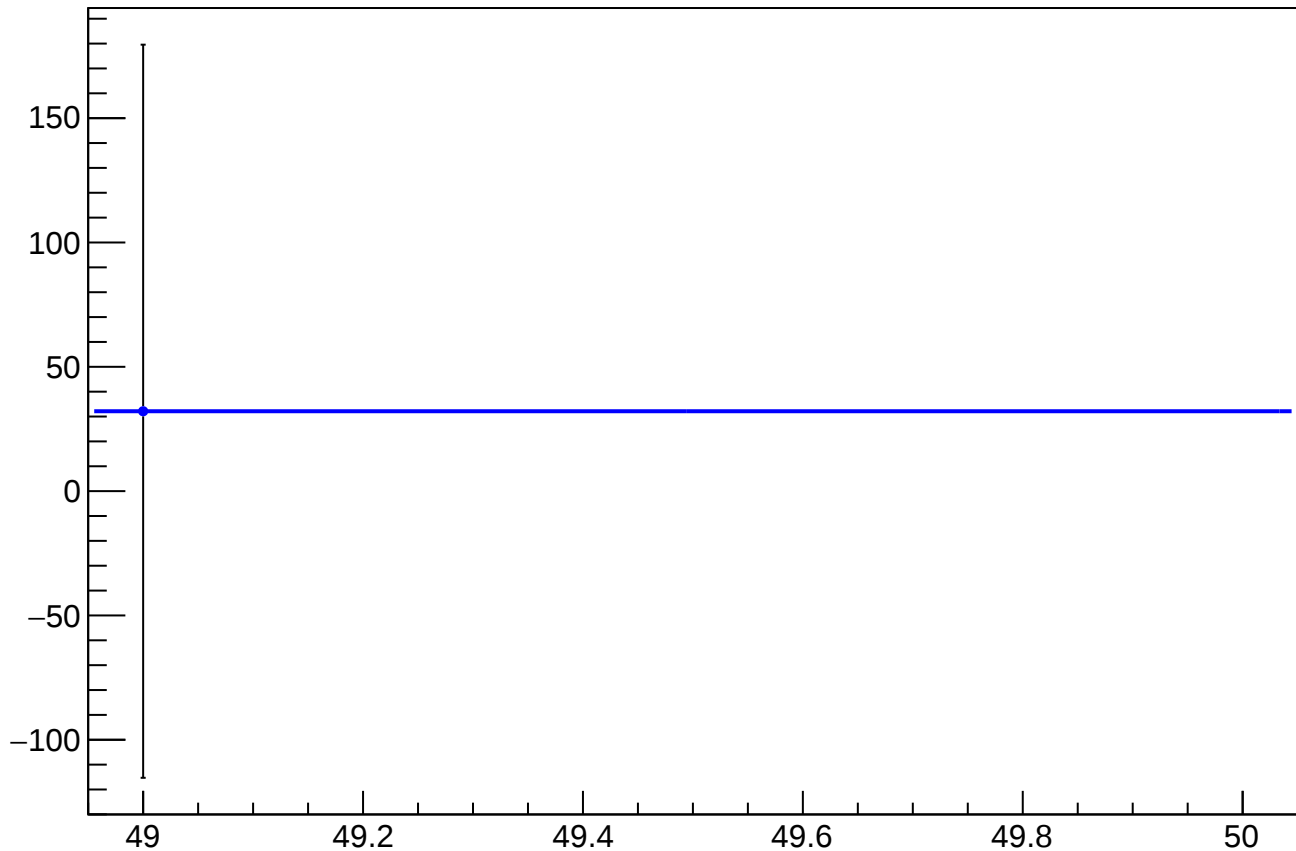
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

15.464 $\pm$ 0.011 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 32.133+/-147.430 χ^2/NDF : 0.0/0

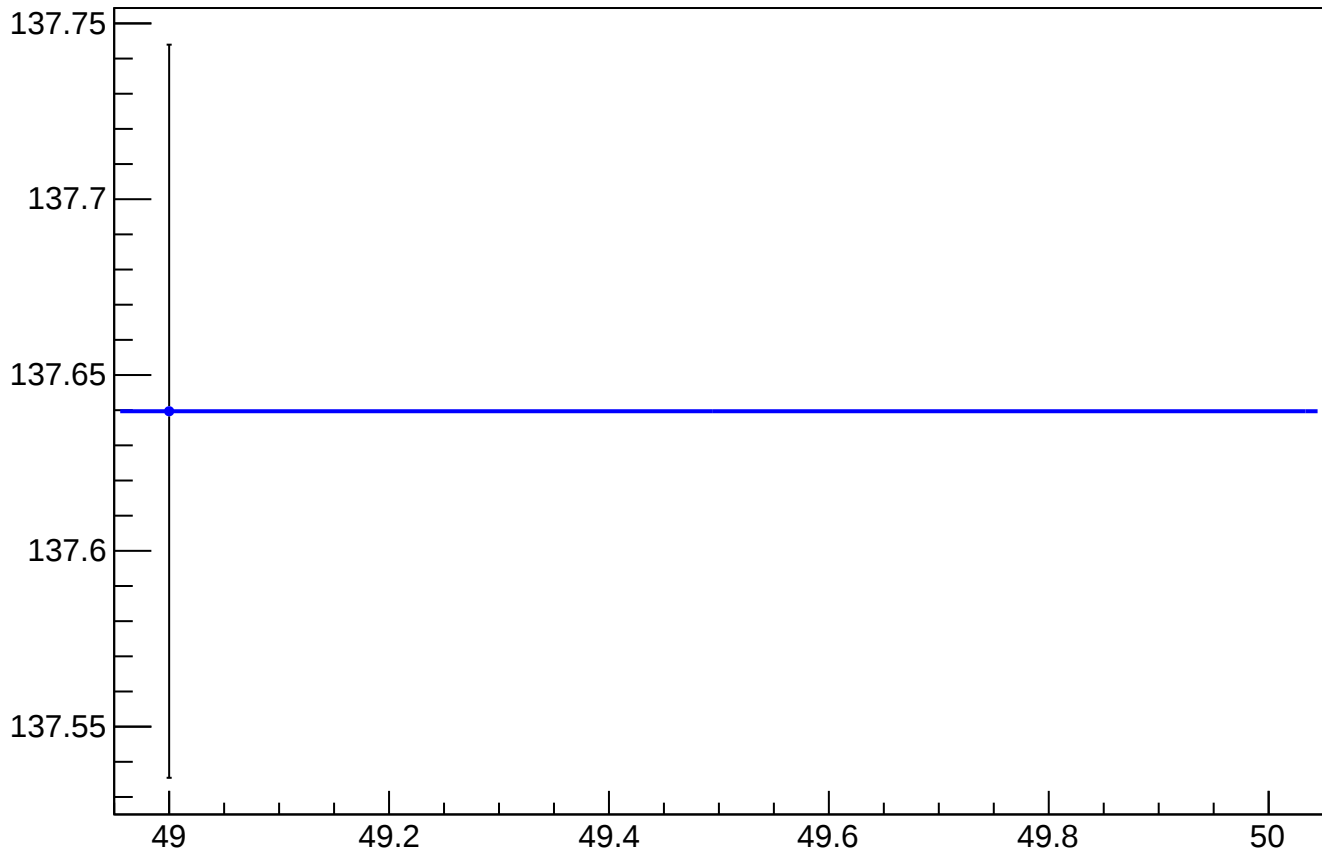
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.133+/-147.430 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

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 137.640 $\pm$ 0.104 χ^2 /NDF: 0.0/0

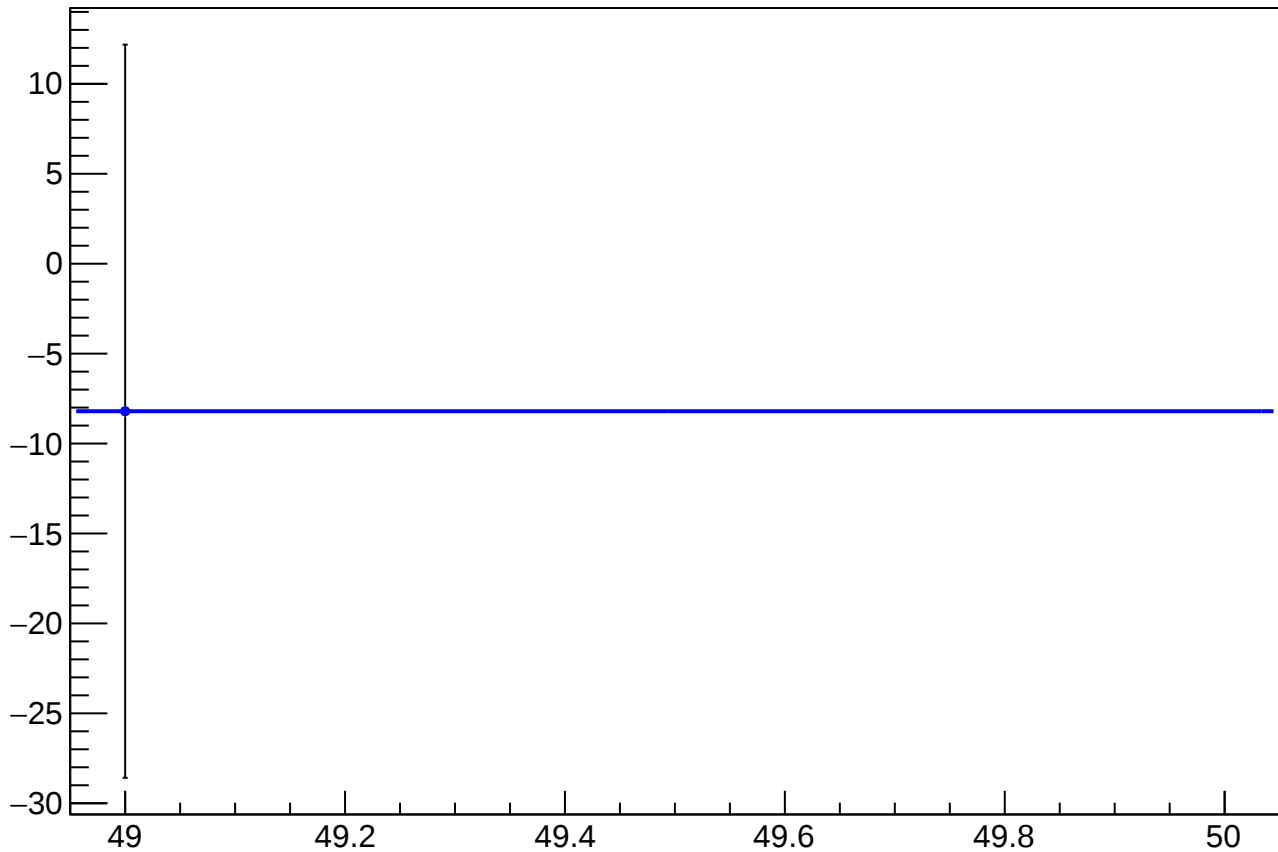
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

137.640 $\pm$ 0.104 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -8.203+/-20.381 χ^2/NDF : 0.0/0

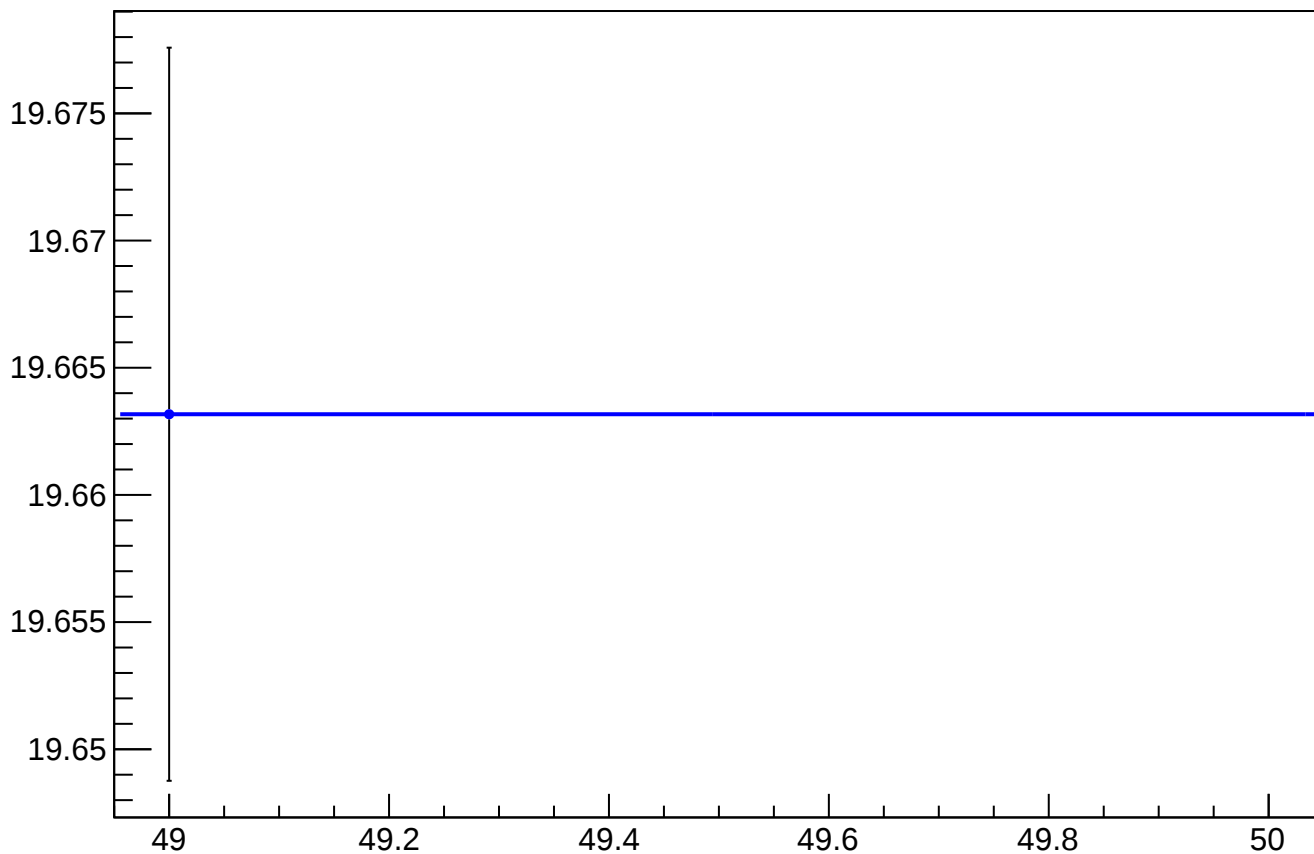
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

-8.203+/-20.381 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.663+/-0.014 χ^2/NDF : 0.0/0

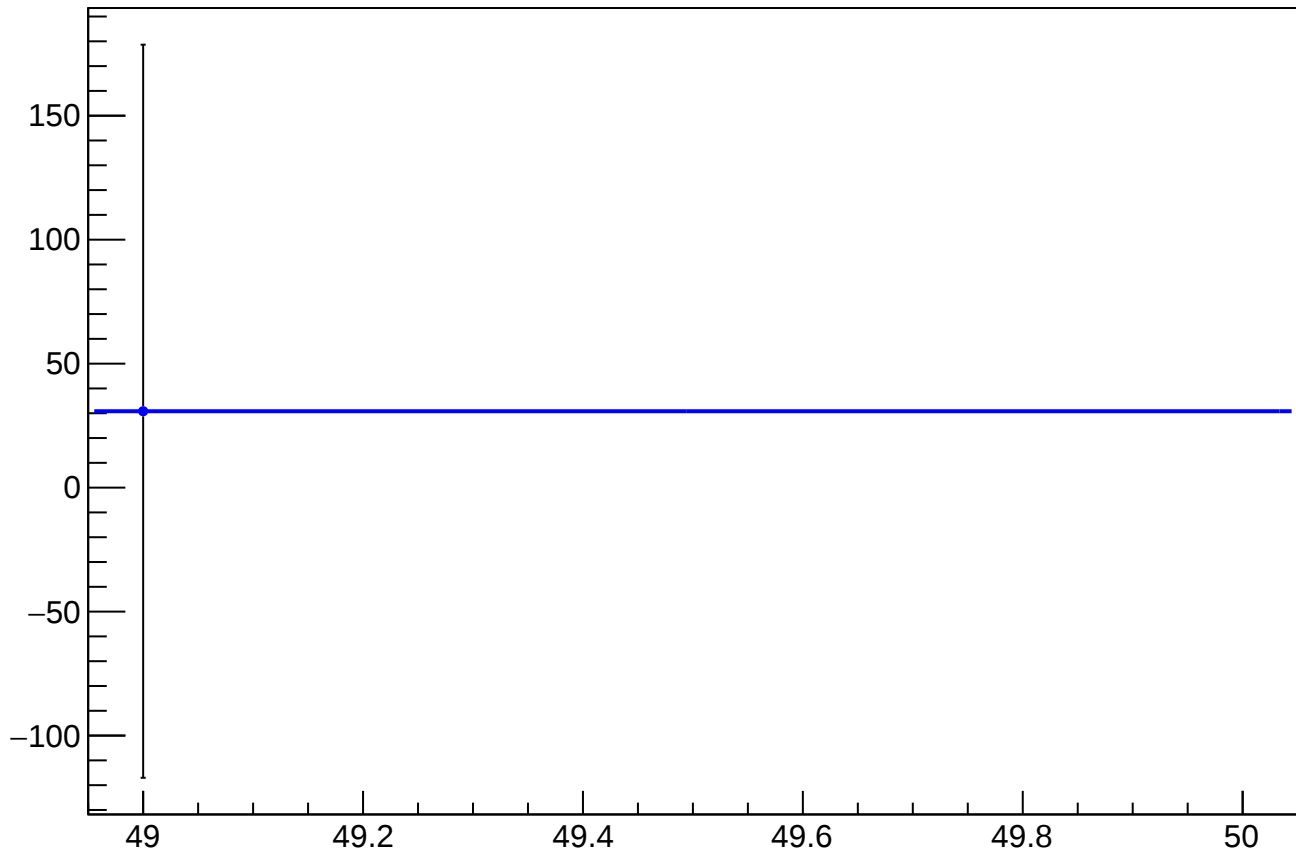
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

19.663+/-0.014 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 30.810+/-147.836 χ^2/NDF : 0.0/0

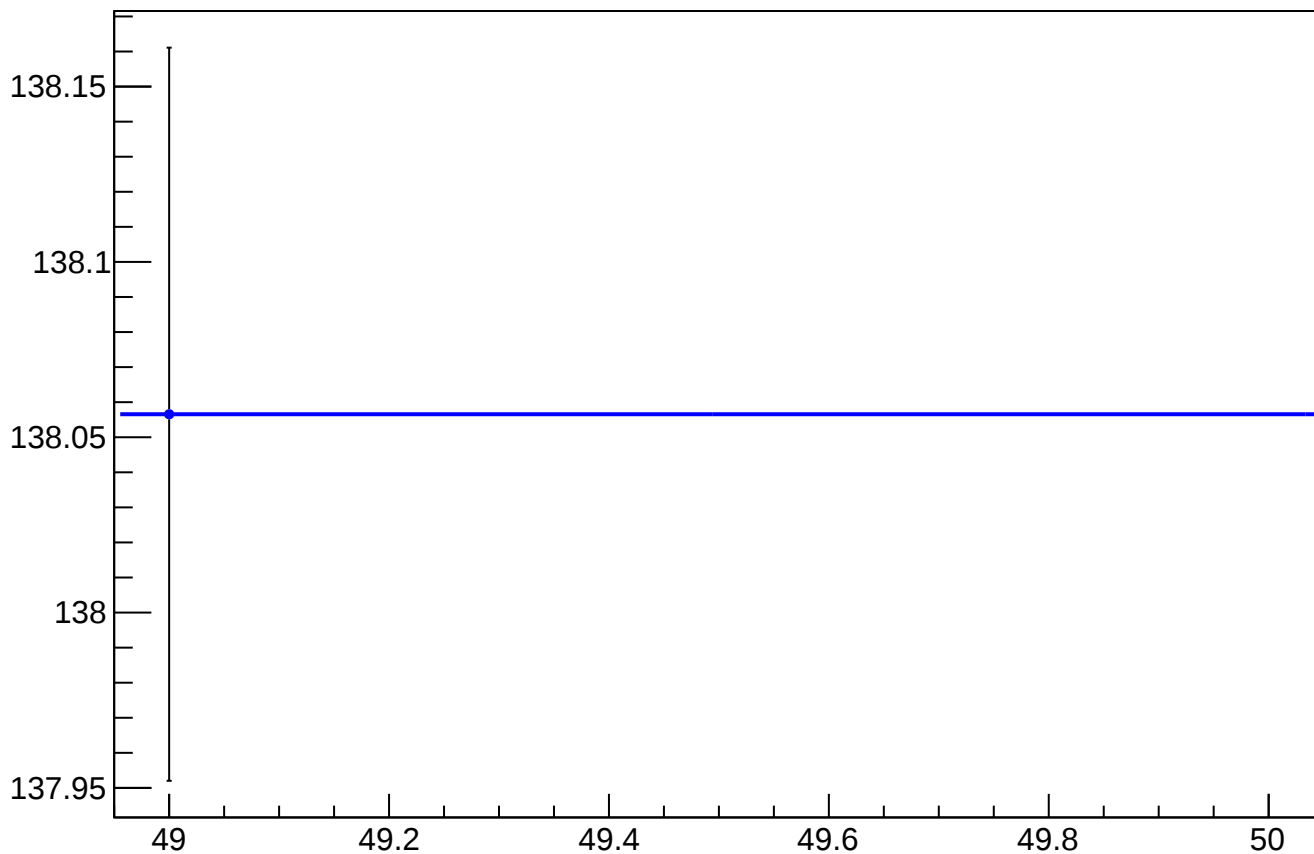
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.810+/-147.836 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

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 138.057+/-0.105 χ^2/NDF : 0.0/0

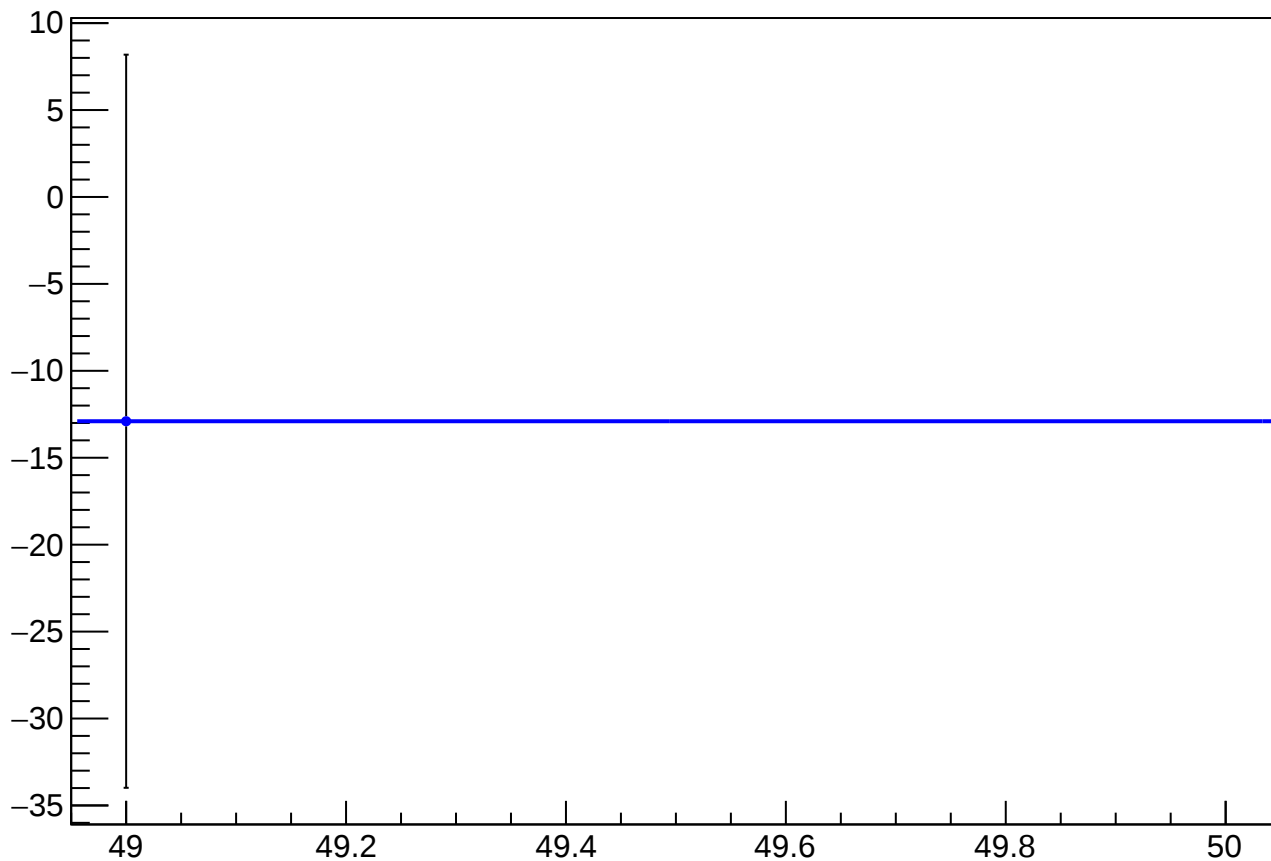
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

138.057+/-0.105 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.900 $\pm$ 21.085 χ^2 /NDF: 0.0/0

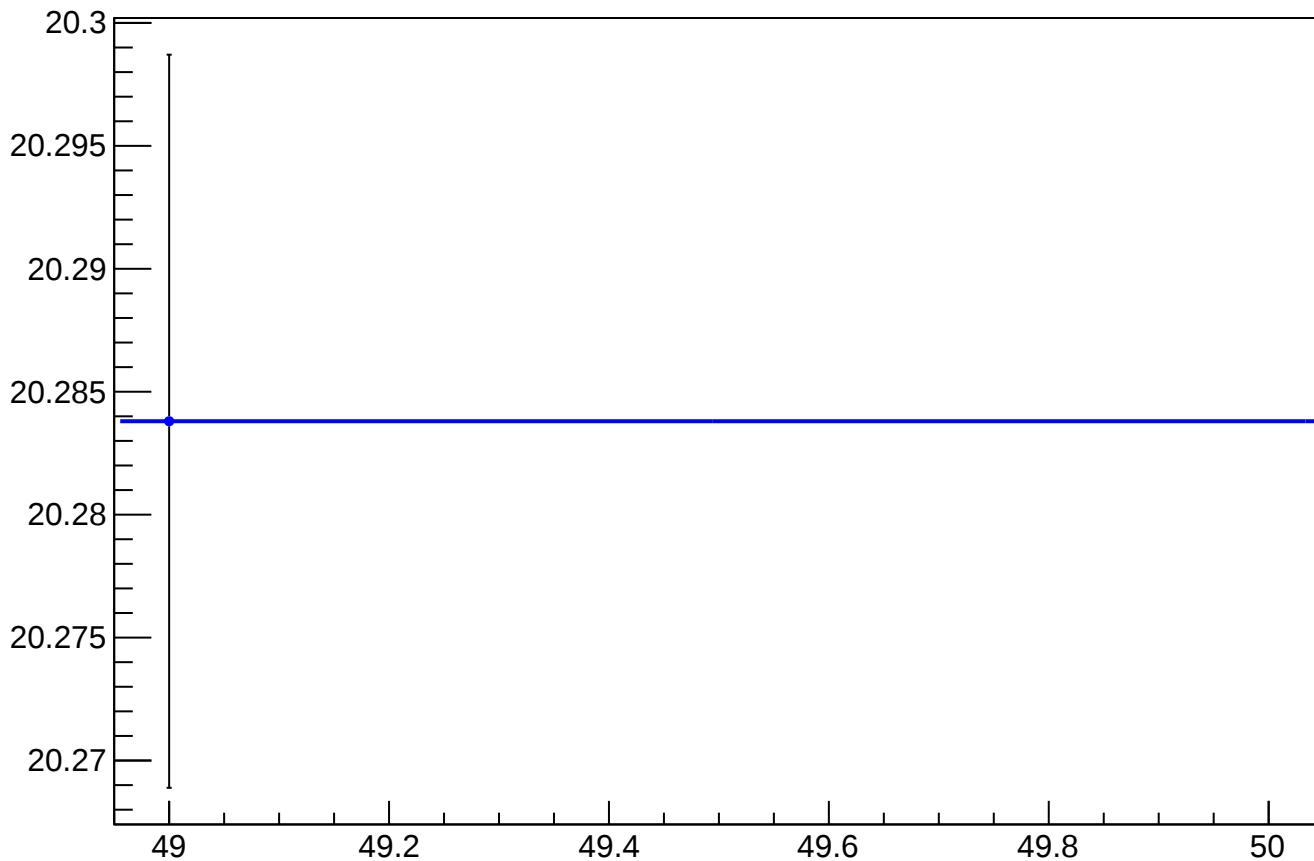
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-12.900 $\pm$ 21.085 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.284+/-0.015 χ^2/NDF : 0.0/0

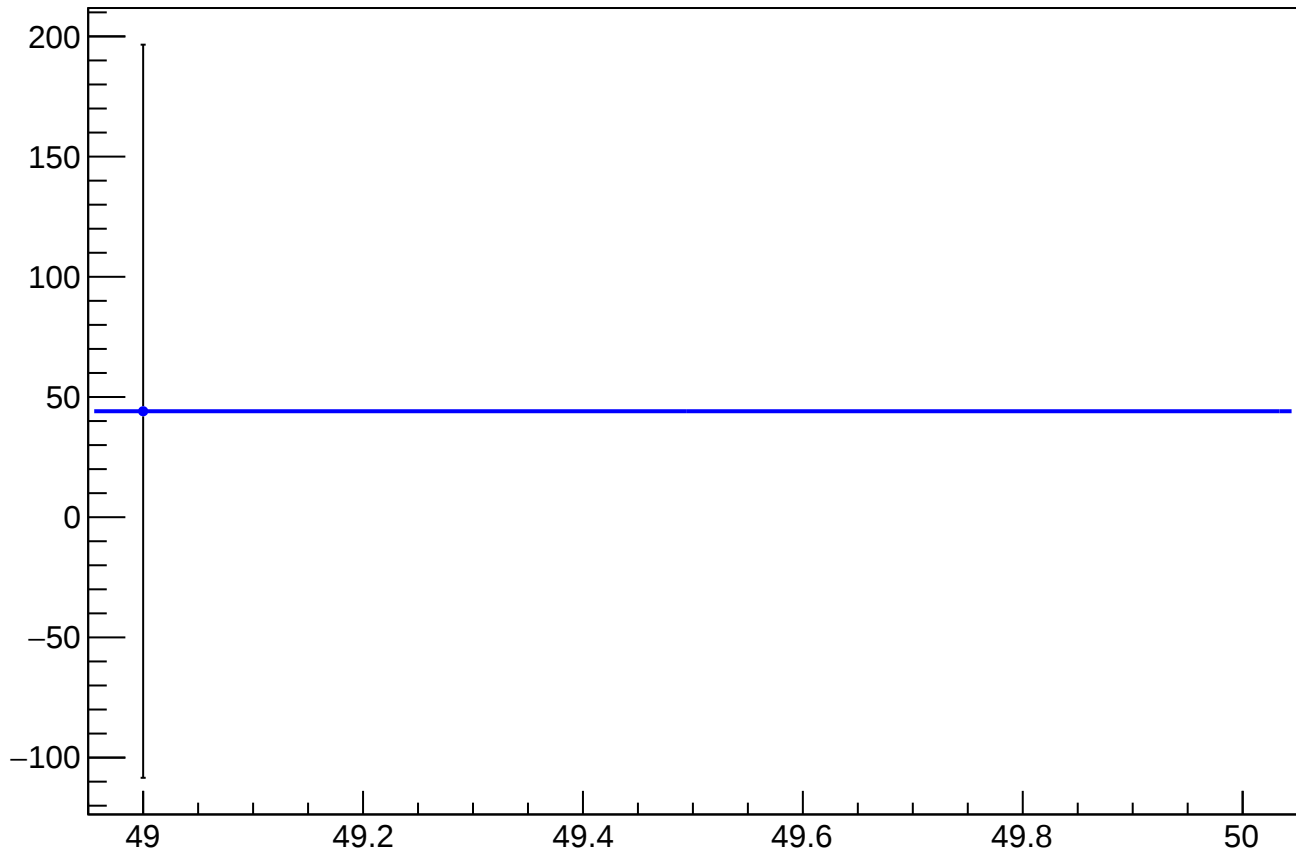
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

20.284+/-0.015 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 44.081+/-152.480 χ^2/NDF : 0.0/0

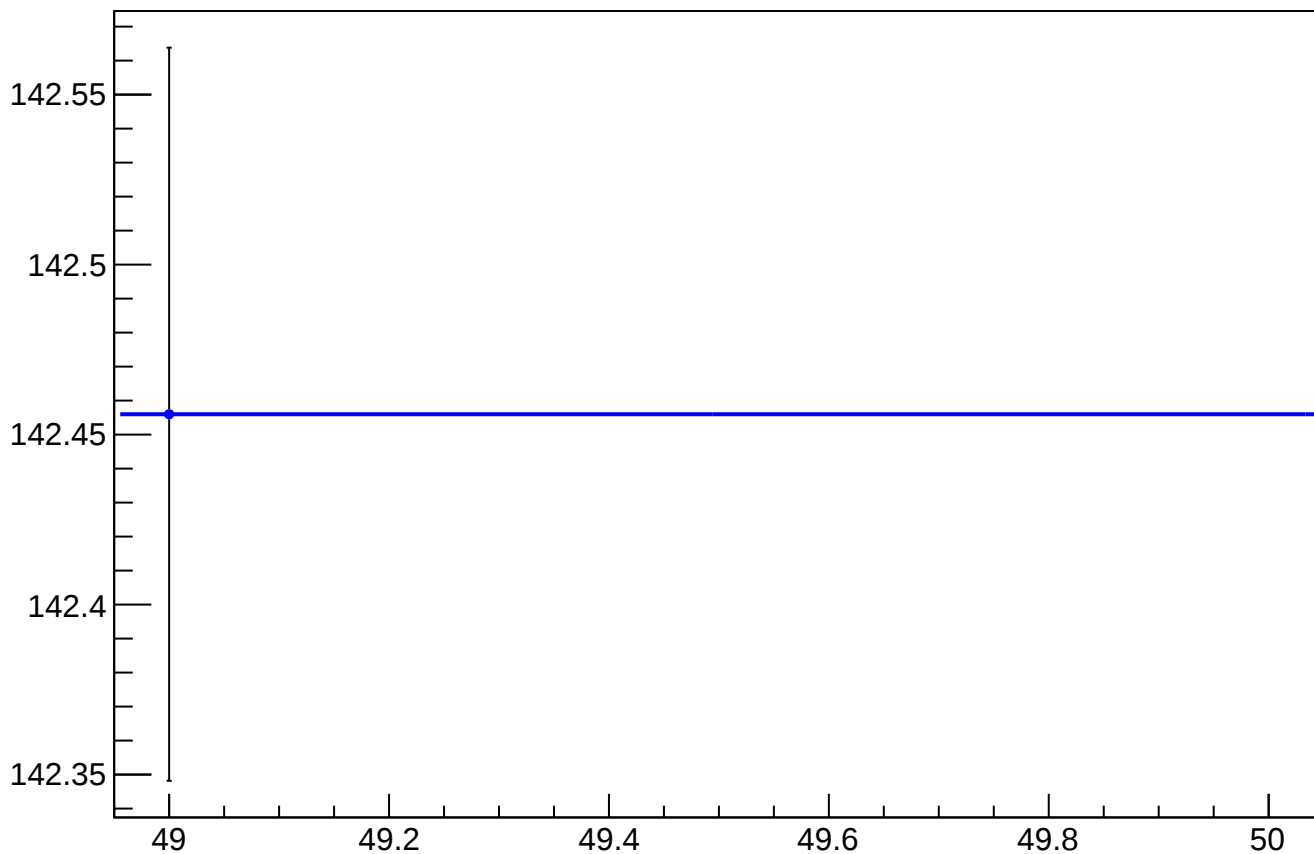
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

44.081+/-152.480 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

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 142.456+/-0.108 χ^2/NDF : 0.0/0

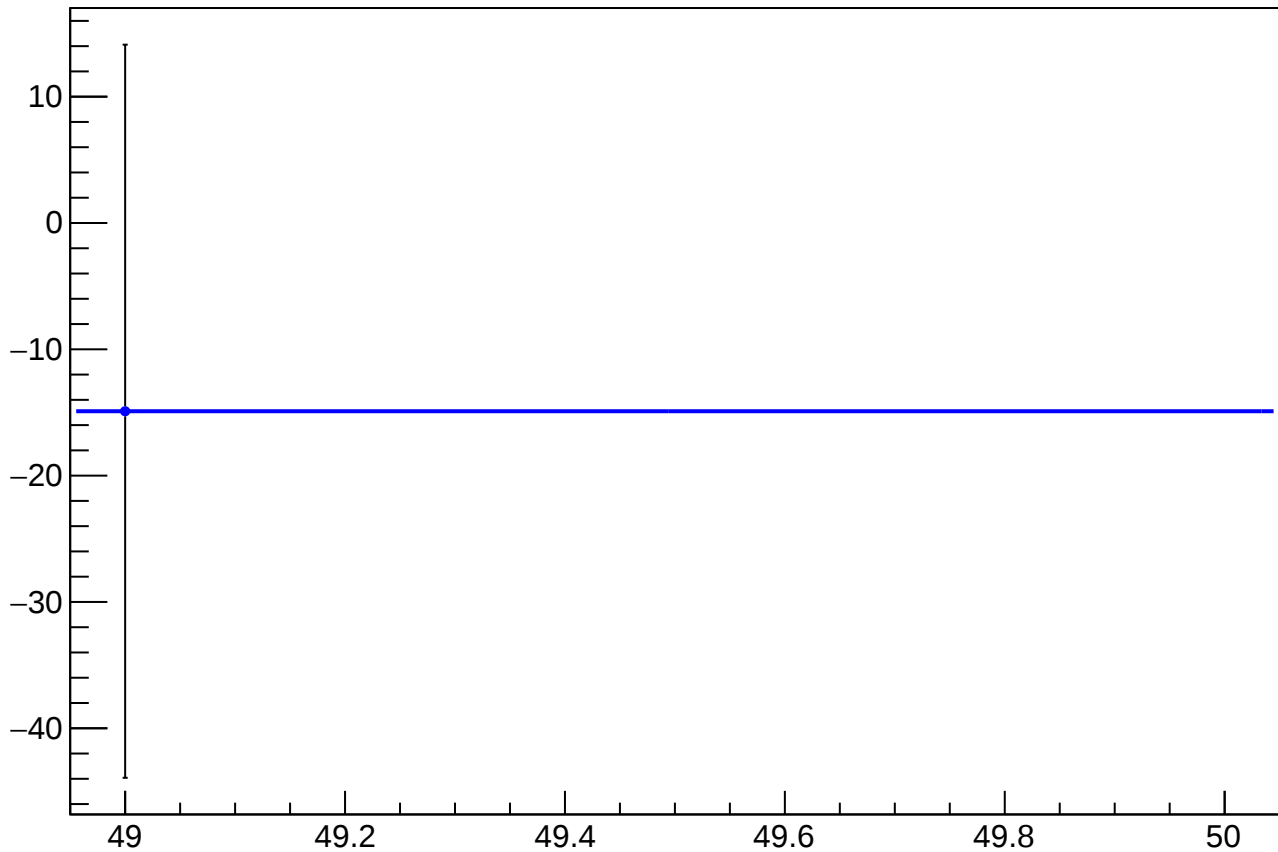
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

142.456+/-0.108 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -14.902 $\pm$ 29.019 χ^2 /NDF: 0.0/0

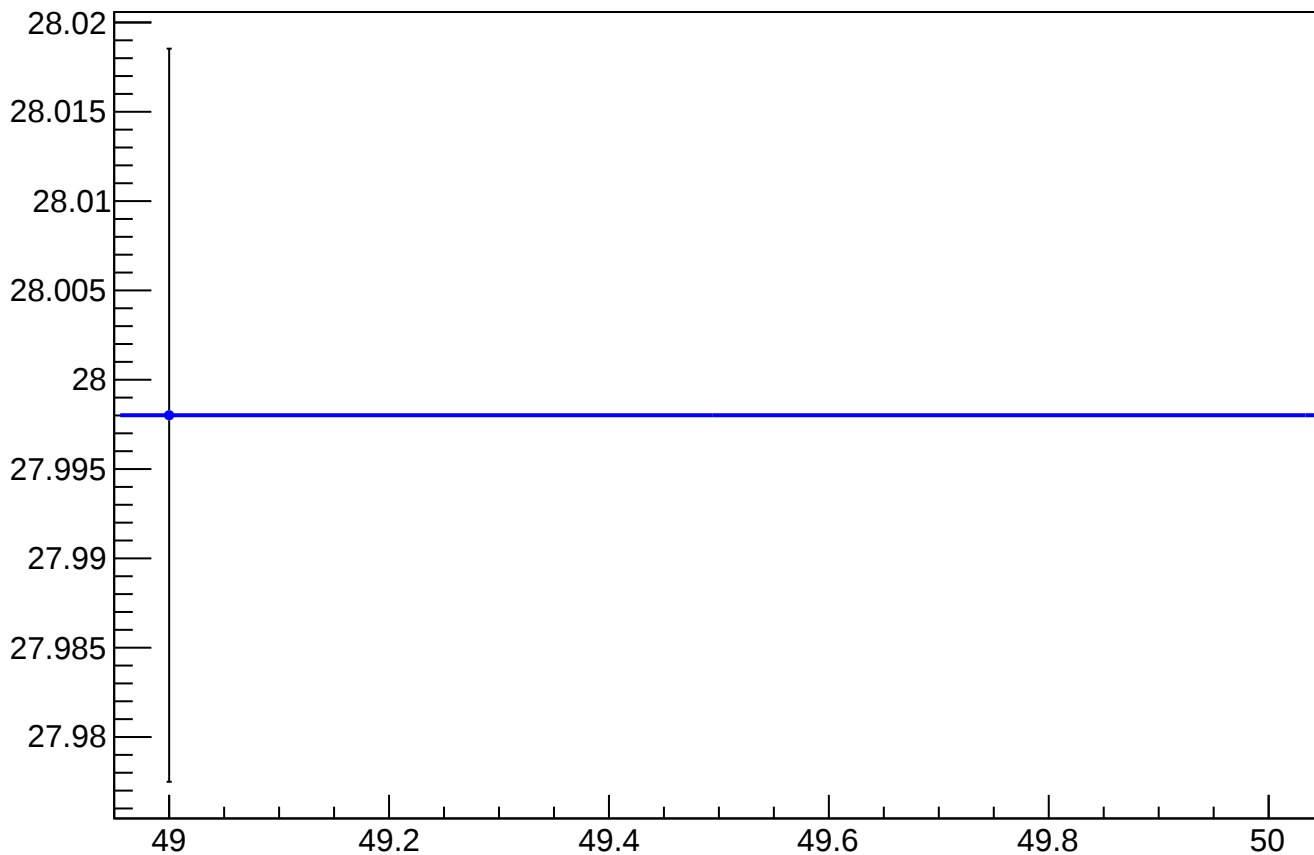
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-14.902 $\pm$ 29.019 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

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 27.998+/-0.021 χ^2 /NDF: 0.0/0

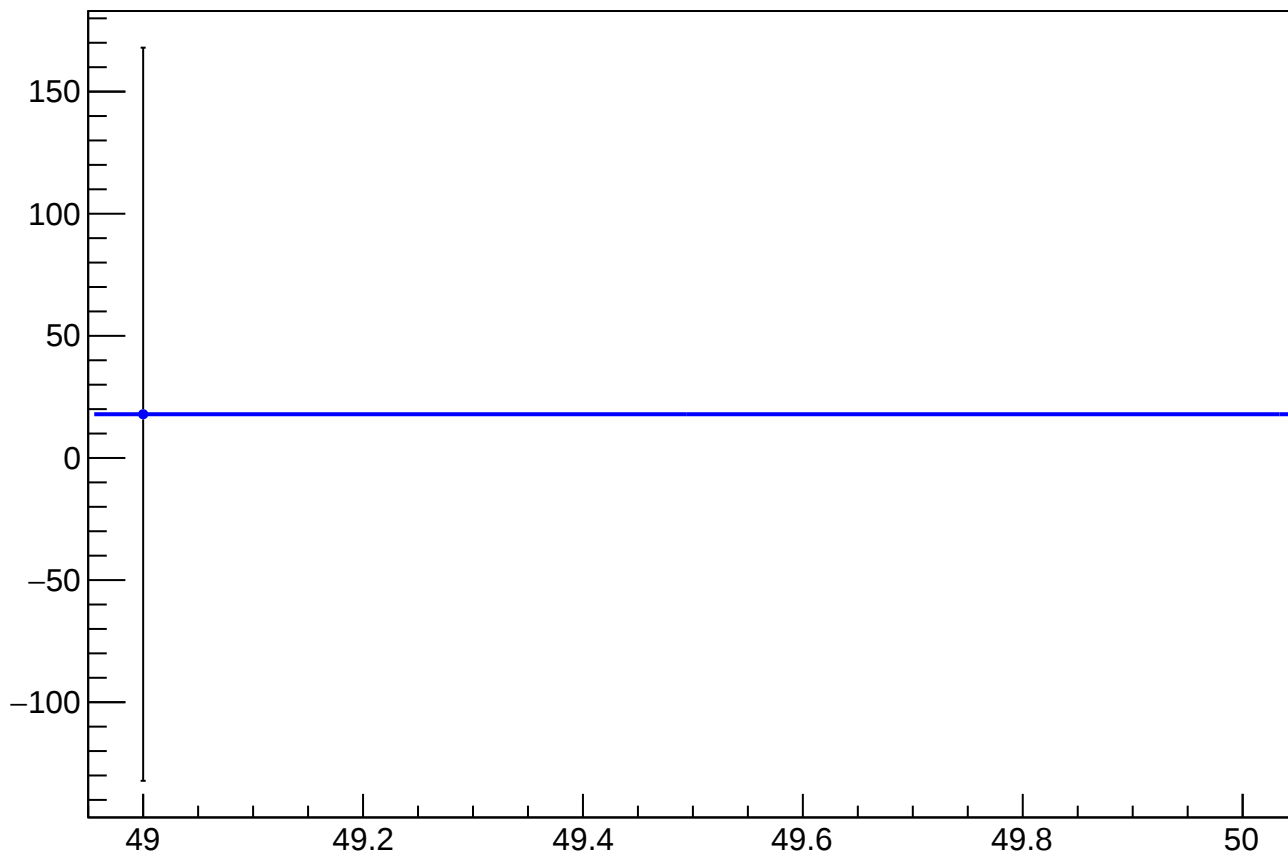
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

27.998+/-0.021 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 17.907 $\pm$ 150.083 χ^2 /NDF: 0.0/0

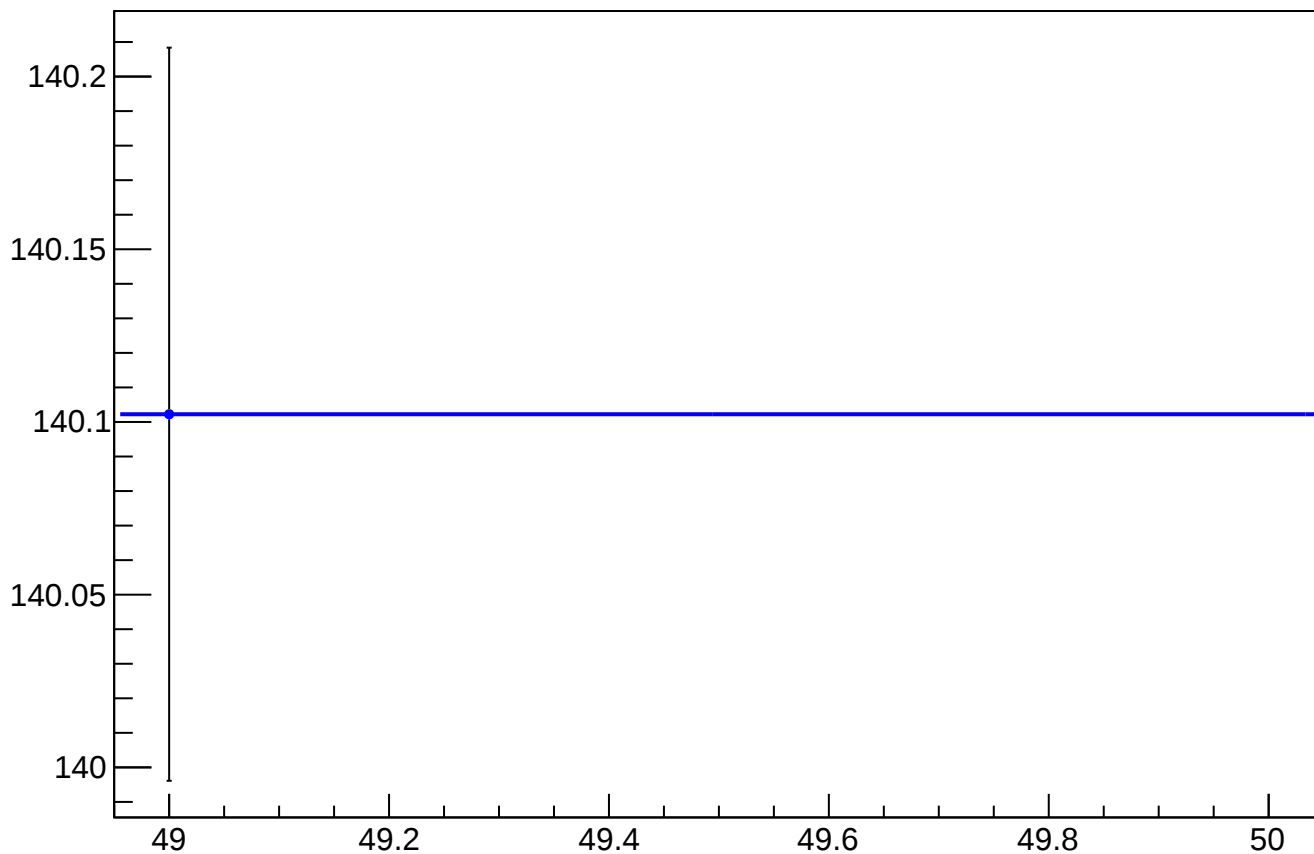
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.907 $\pm$ 150.083 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

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 140.102+/-0.106 χ^2/NDF : 0.0/0

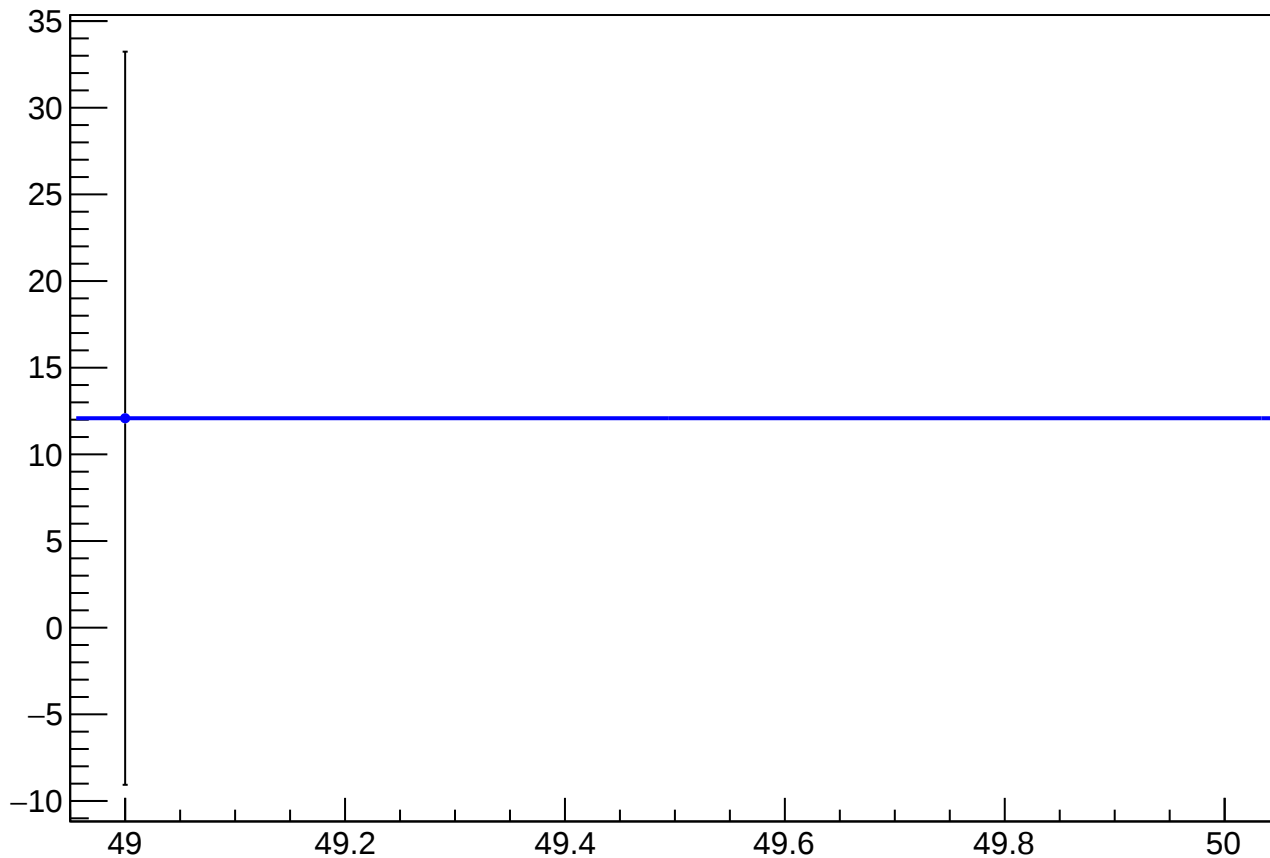
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

140.102+/-0.106 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 12.084+/-21.150 χ^2/NDF : 0.0/0

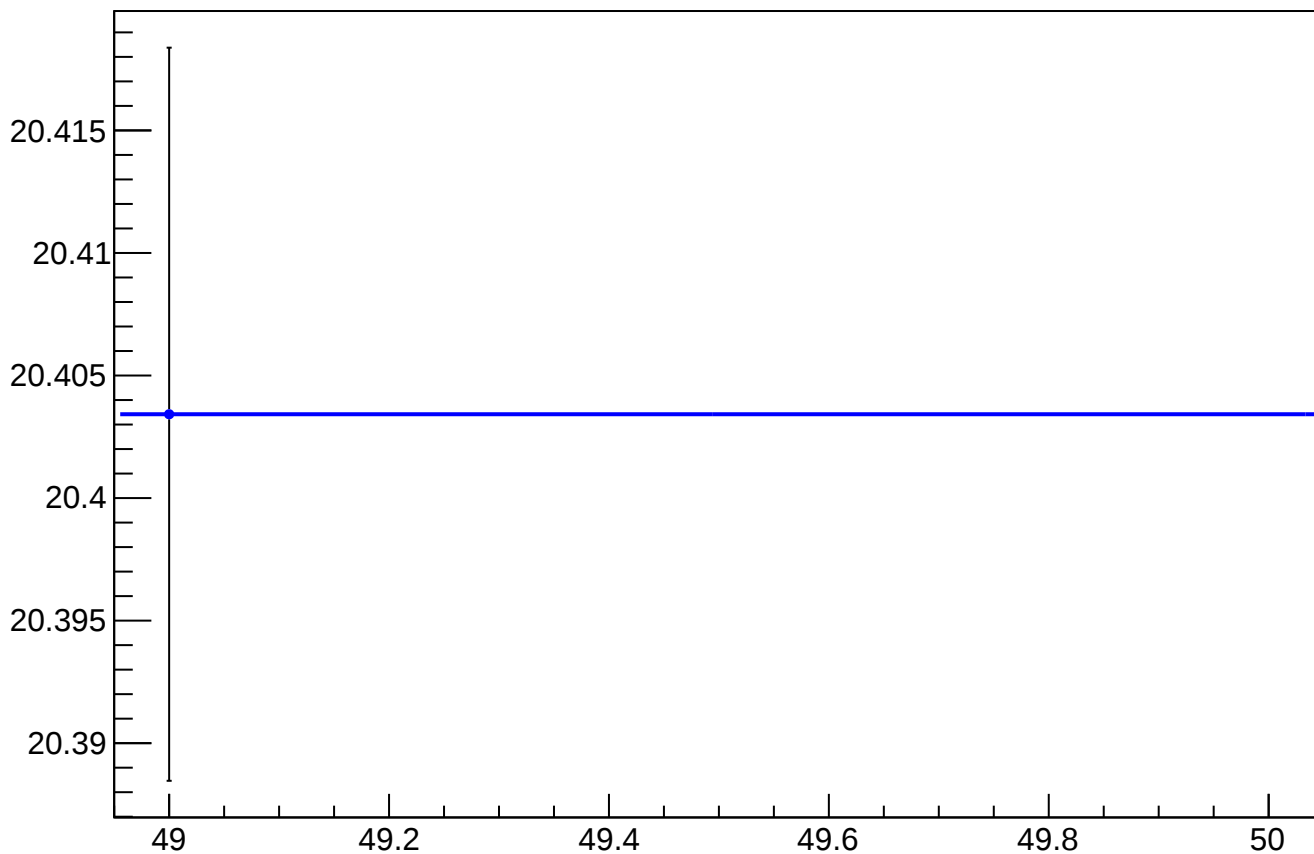
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

12.084+/-21.150 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.403+/-0.015 χ^2/NDF : 0.0/0

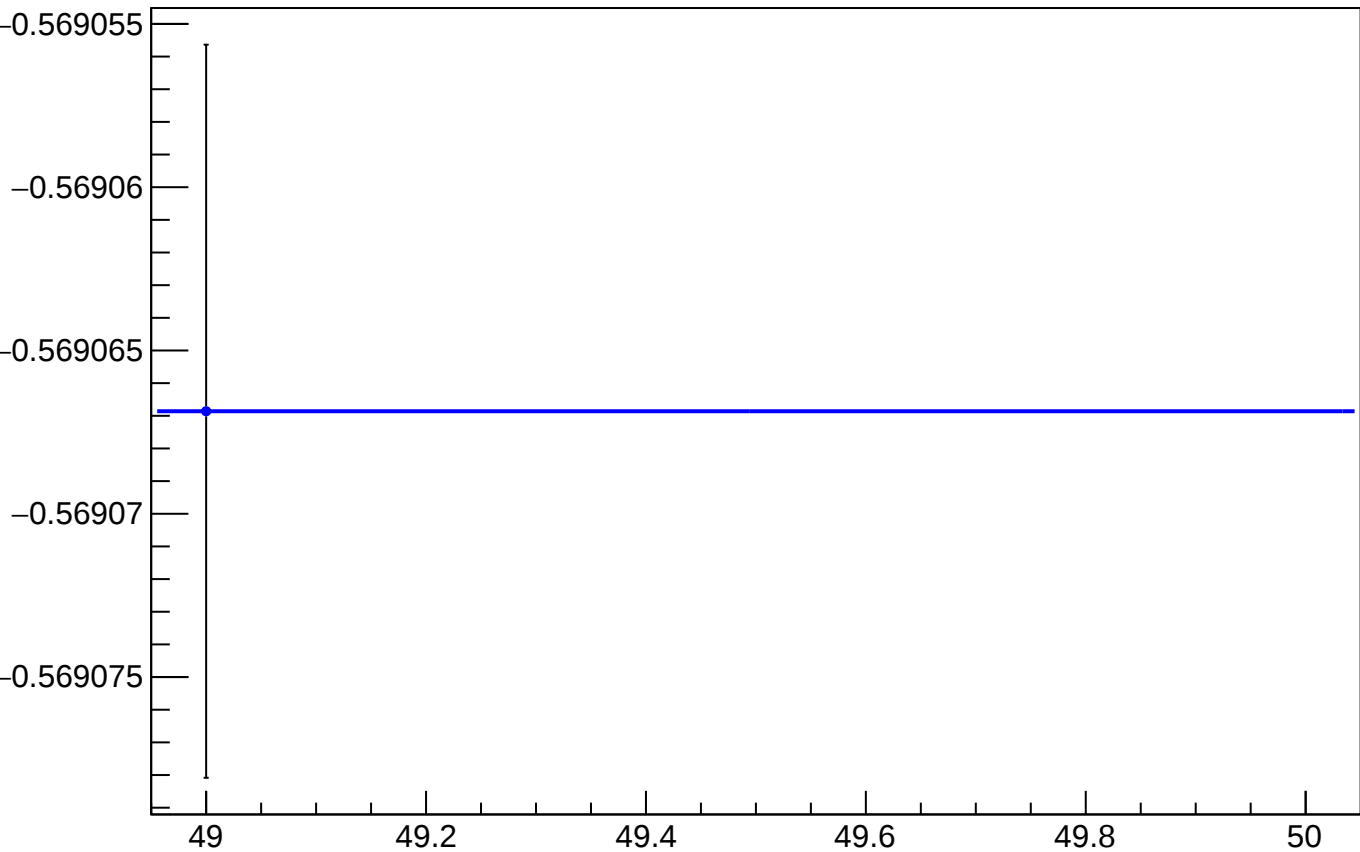
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

20.403+/-0.015 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs slug



Right In: -0.569+/-0.000 χ^2 /NDF: 0.0/0

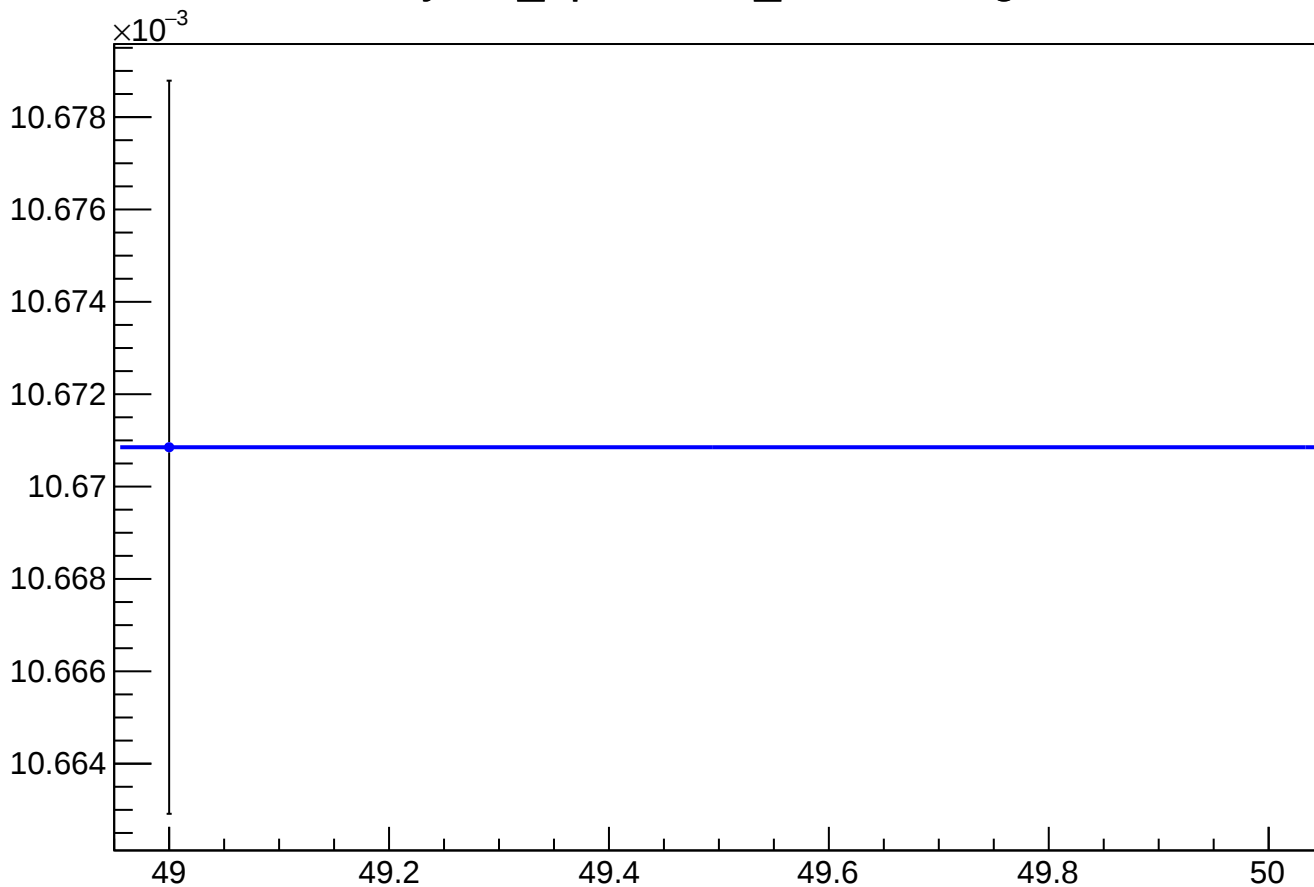
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.569+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 0.0/0

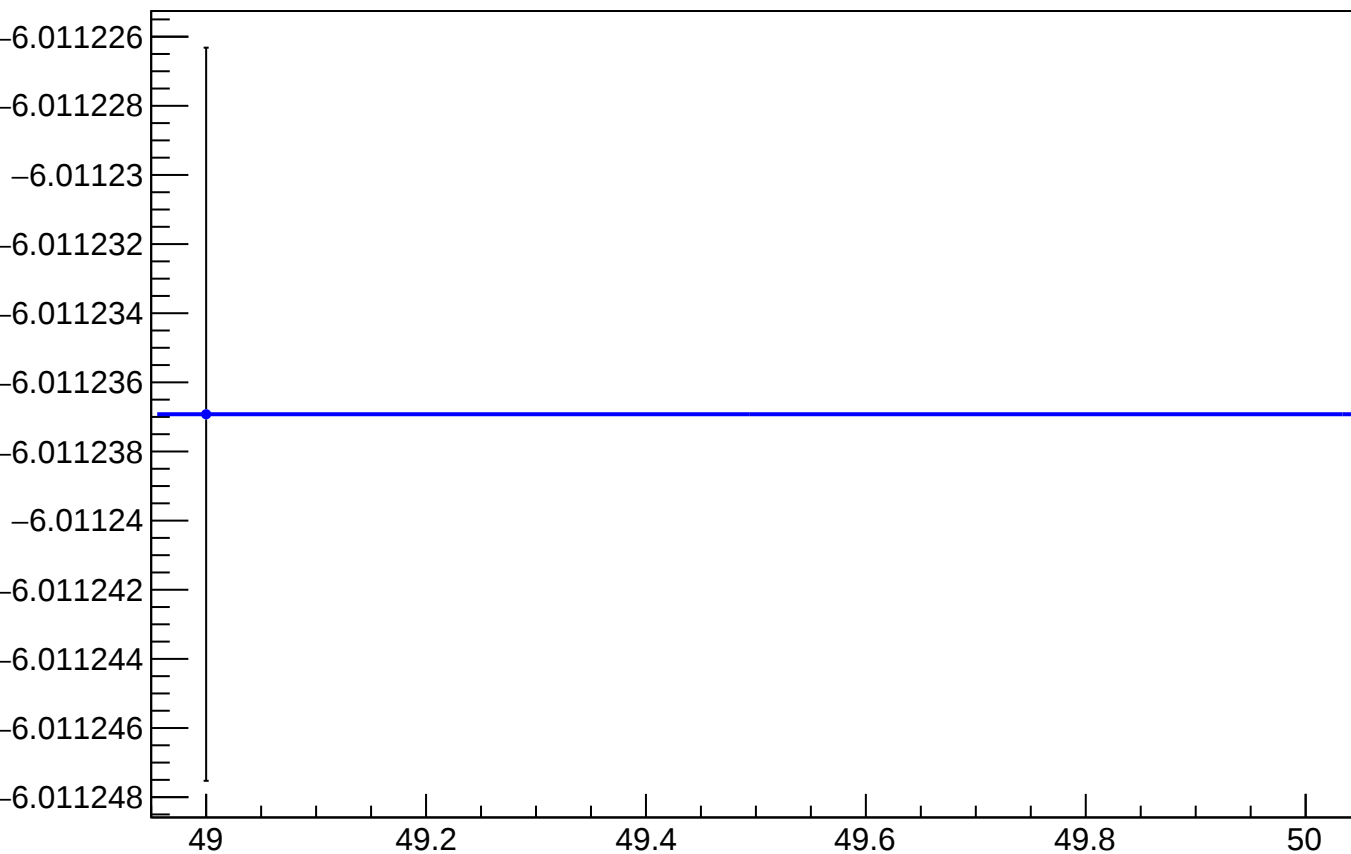
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.011+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs slug



Right In: -6.011+/-0.000 χ^2 /NDF: 0.0/0

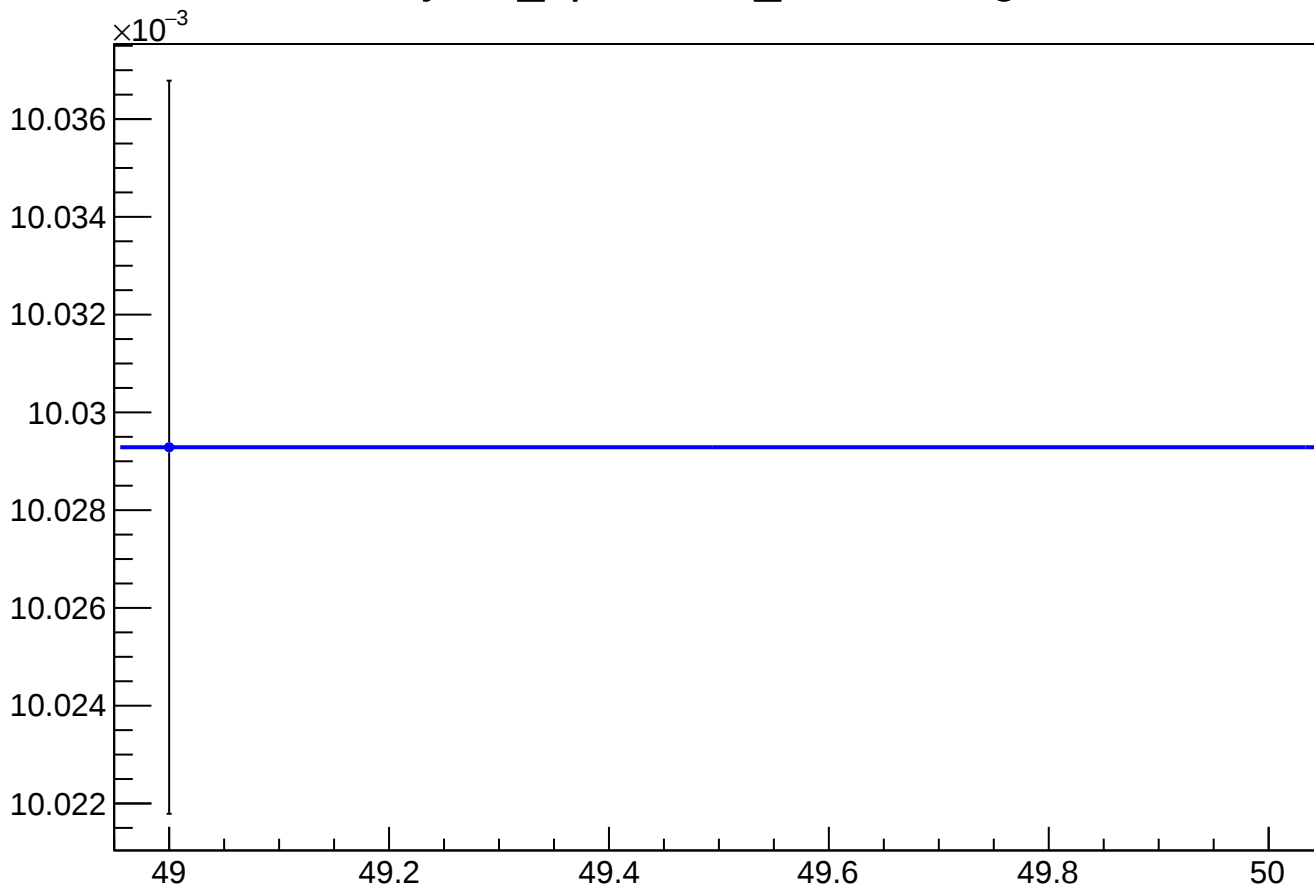
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.011+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01Y_rms vs slug



Right In: 0.010 $\pm$ 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

0.010 $\pm$ 0.000 χ^2/NDF : 0.0/0