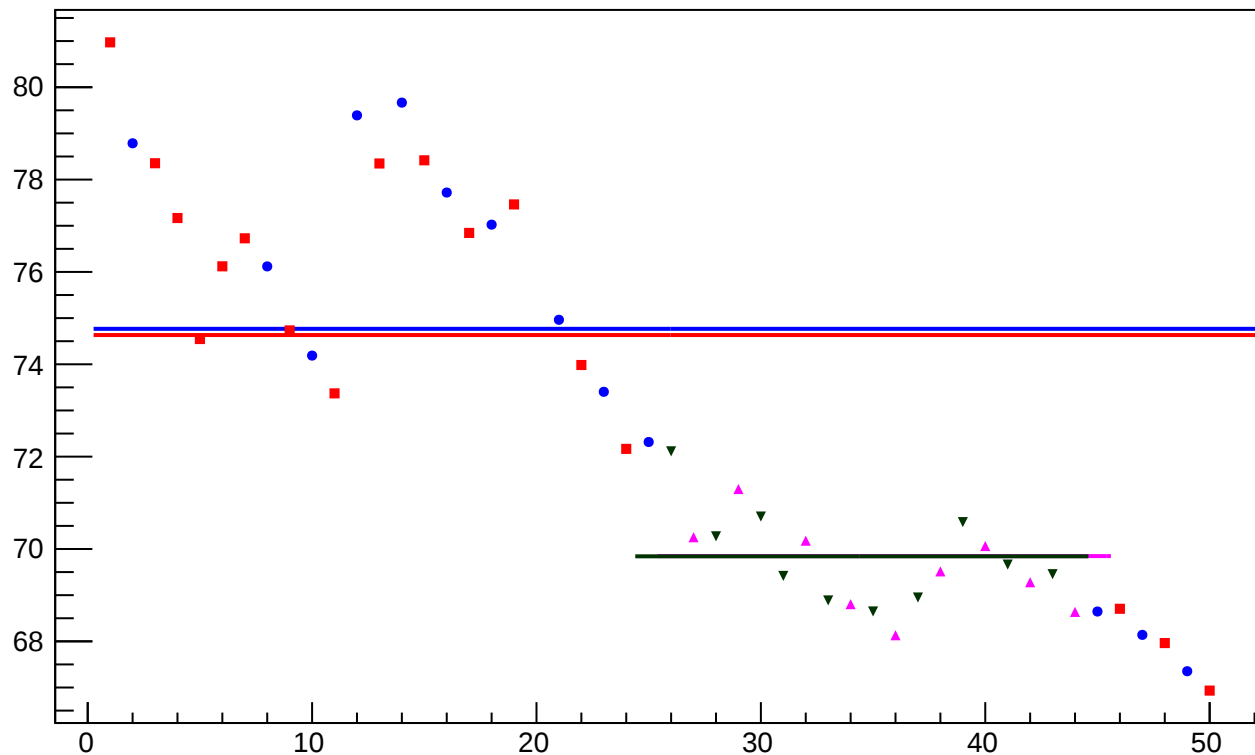


yield_usl_mean vs slug



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: 74.633+/-0.000

χ^2/NDF : 5772470750.8/16

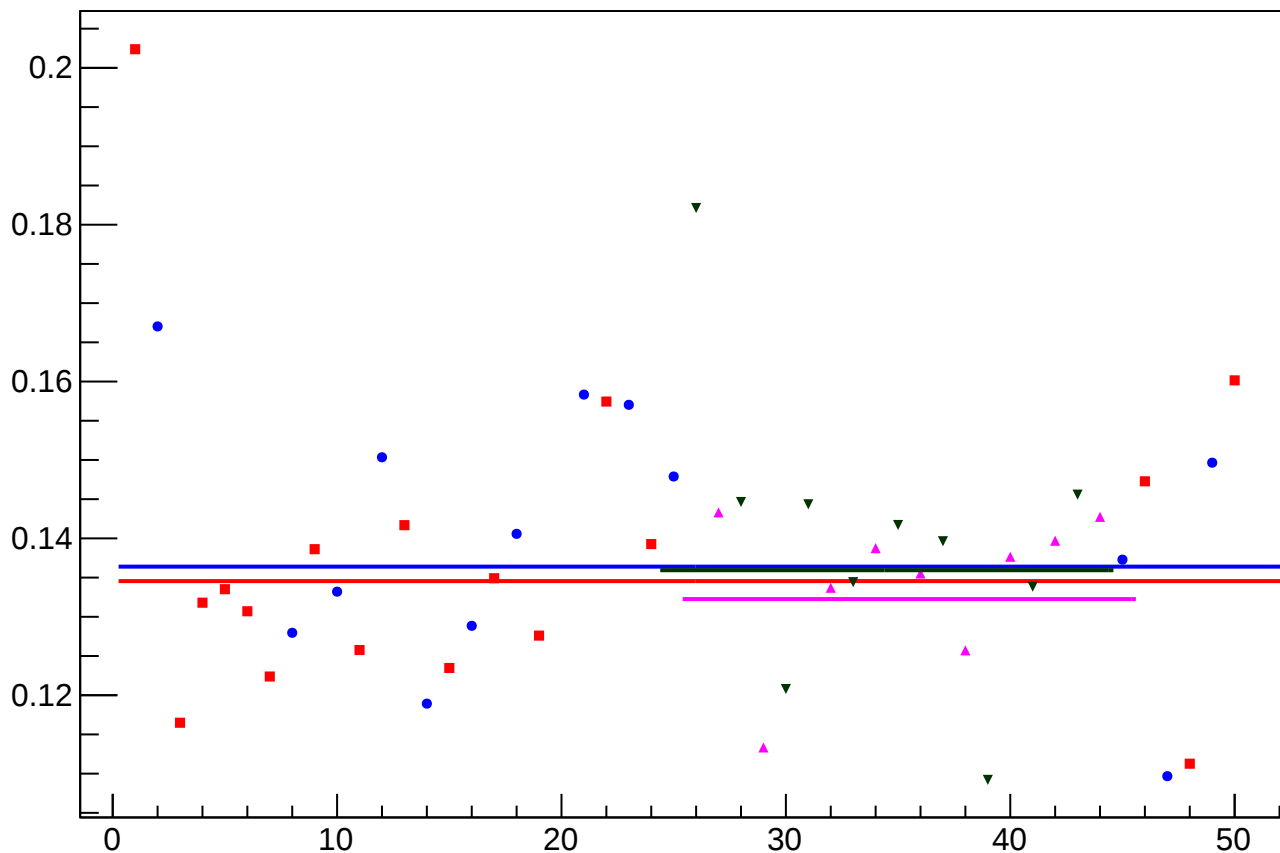
72.765+/-0.000

χ^2/NDF : 22719027153.3/48

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

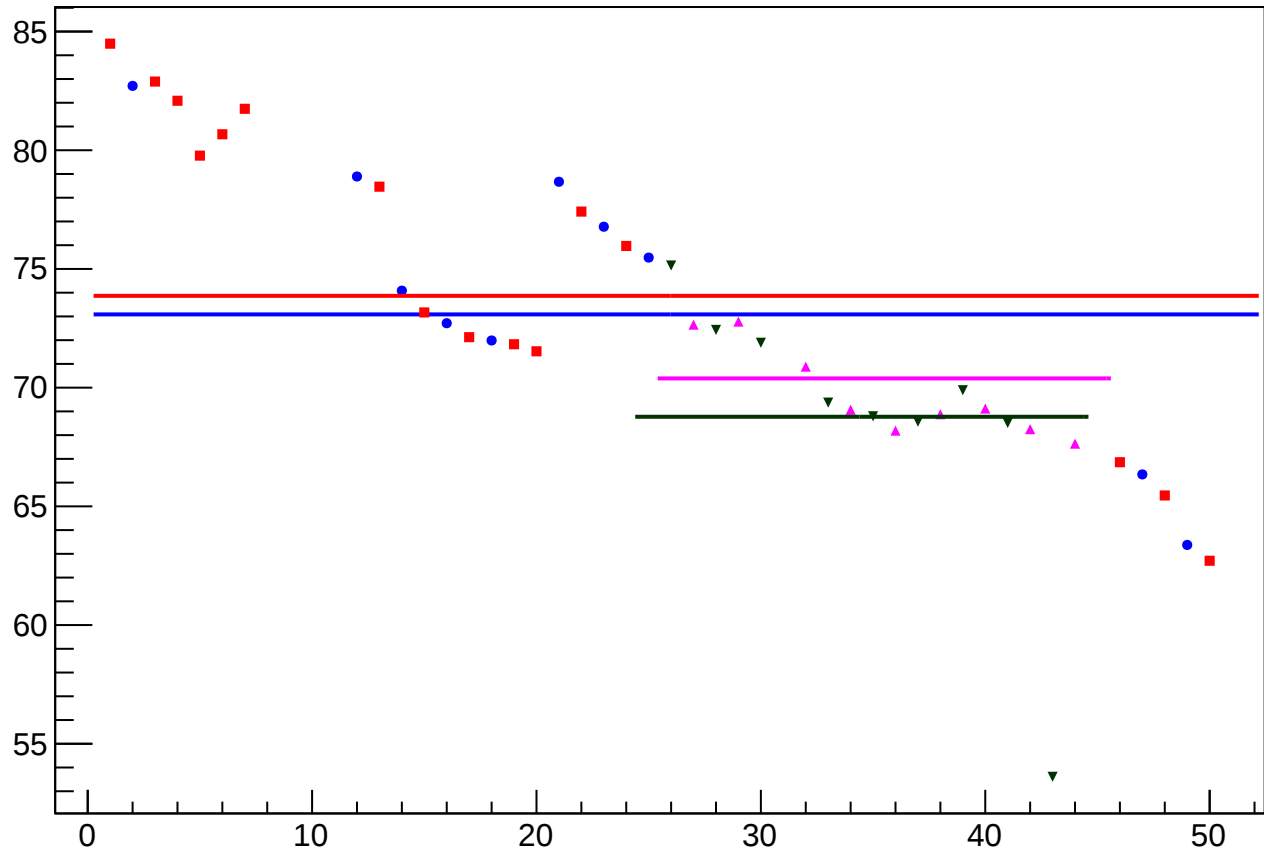
Left Out: 0.136+/-0.000 χ^2/NDF : 142177.4/9

Right Out: 0.135+/-0.000 χ^2/NDF : 256400.5/16

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

0.135+/-0.000 χ^2/NDF : 711231.8/48

yield_usr_mean vs slug



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

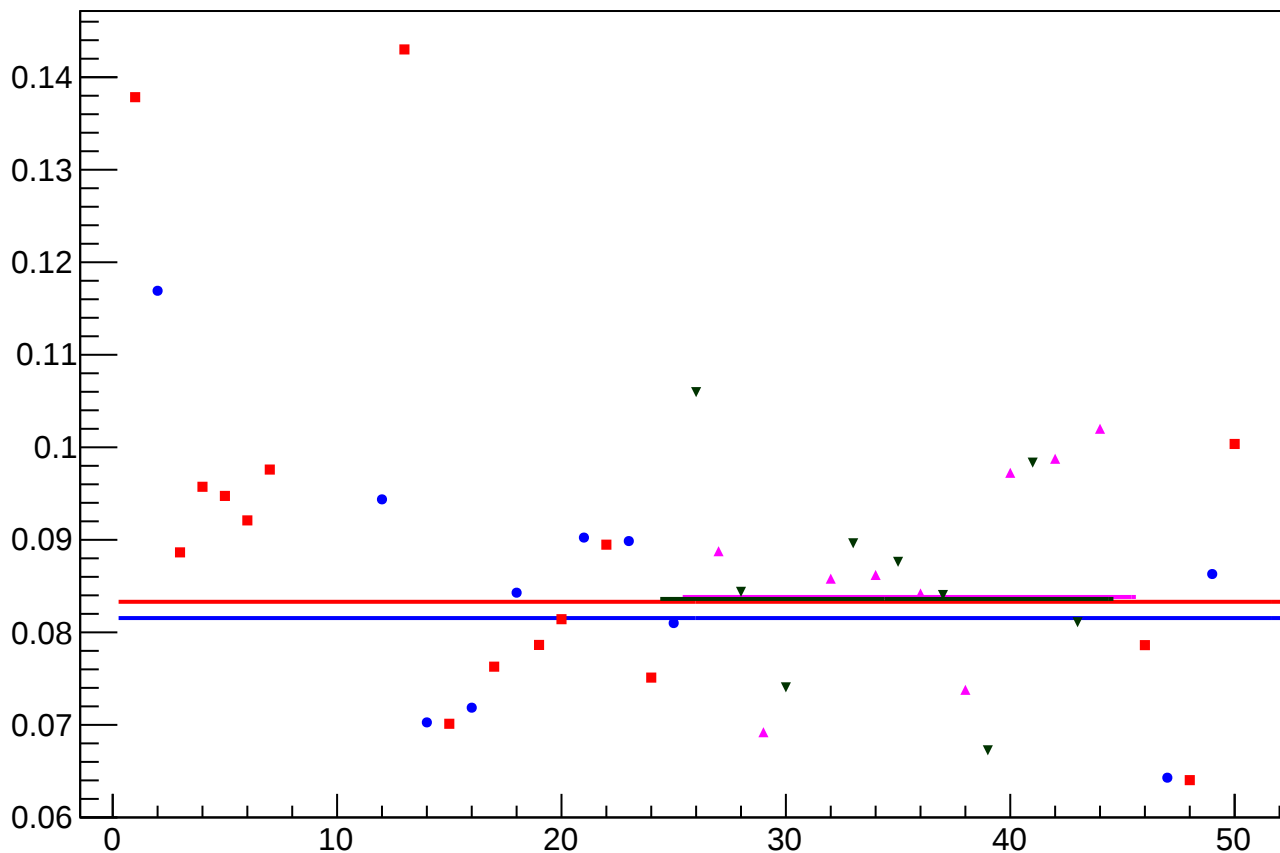
Left Out: 68.774+/-0.000 χ^2/NDF : 18384925742.4/8

71.828+/-0.000 χ^2/NDF : 92707655973.9/43

Right Out: 73.868+/-0.000 χ^2/NDF : 32319358579.2/15

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

yield_usr_rms vs slug



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

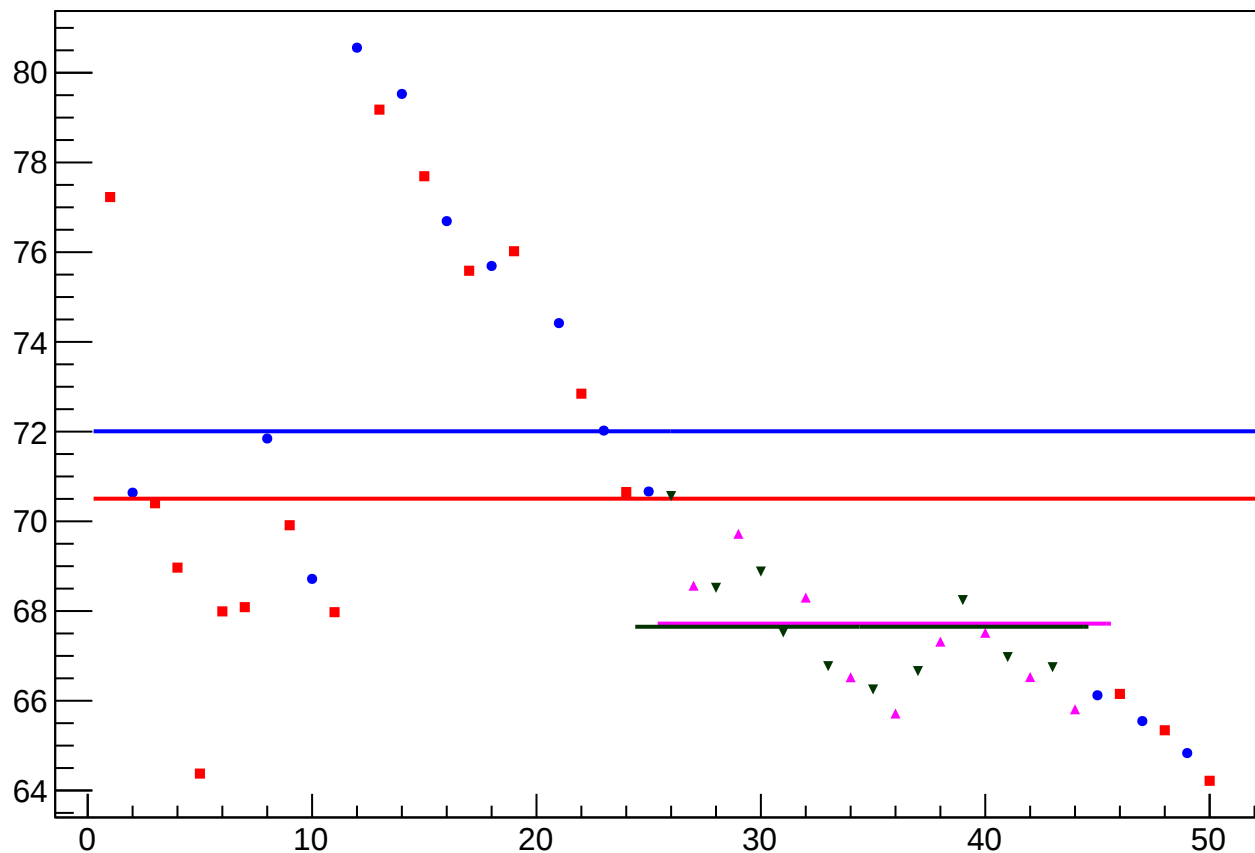
Left Out: 0.084+/-0.000 χ^2/NDF :137218.0/8

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

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

0.083+/-0.000 χ^2/NDF : 1114717.4/43

yield_dsl_mean vs slug



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

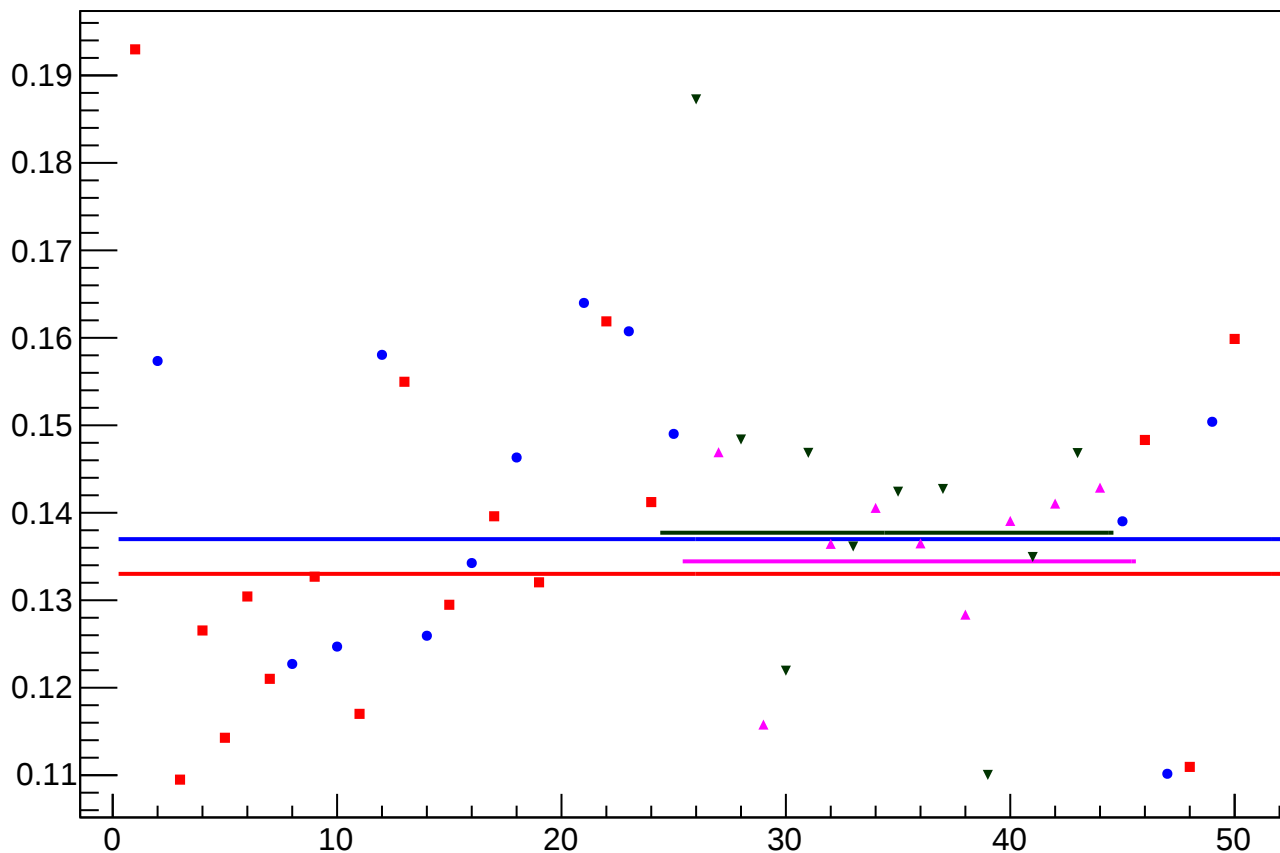
Left Out: 67.650+/-0.000 χ^2/NDF : 329789627.8/9

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

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

69.866+/-0.000 χ^2/NDF : 24982524434.1/48

yield_dsl_rms vs slug



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

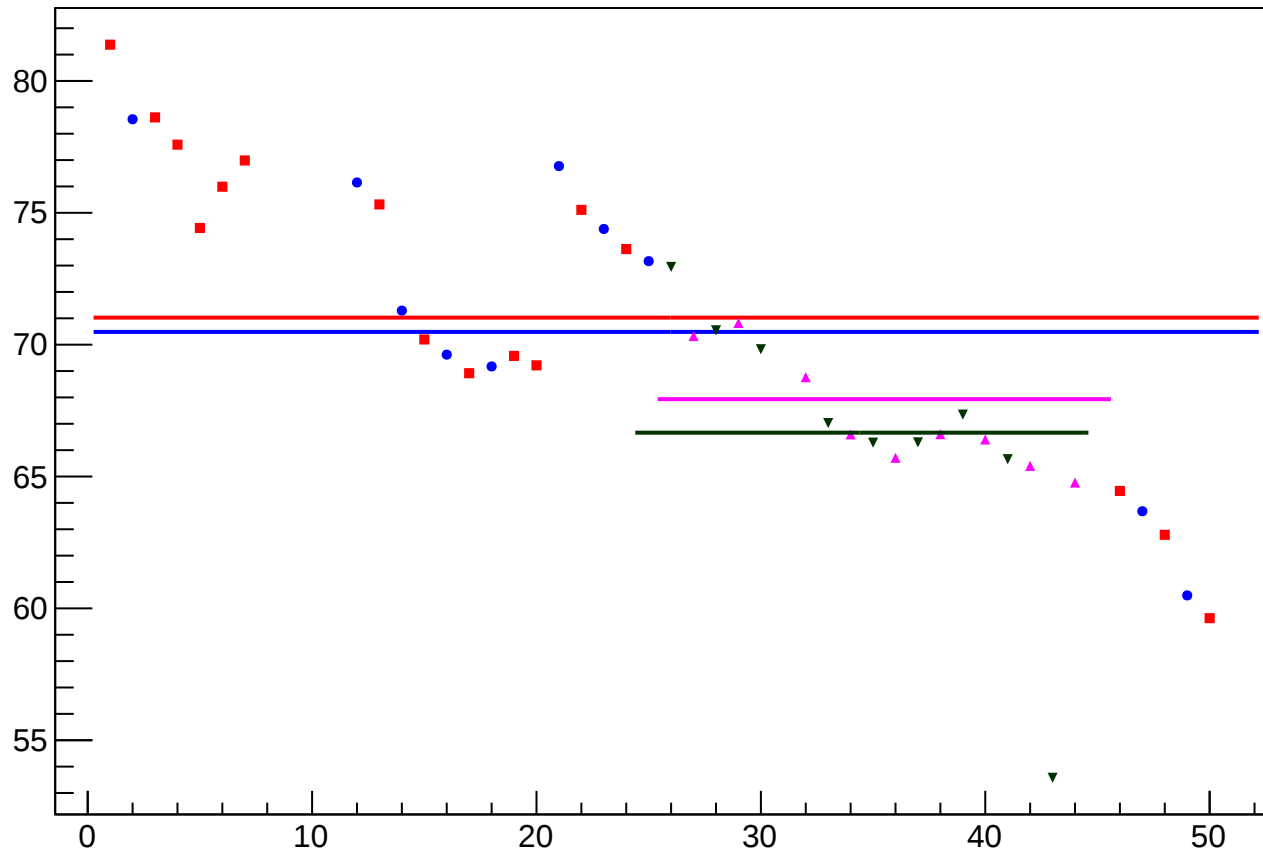
Left Out: 0.138+/-0.000 χ^2/NDF : 153609.8/9

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

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

0.135+/-0.000 χ^2/NDF : 756132.6/48

yield_dsr_mean vs slug



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

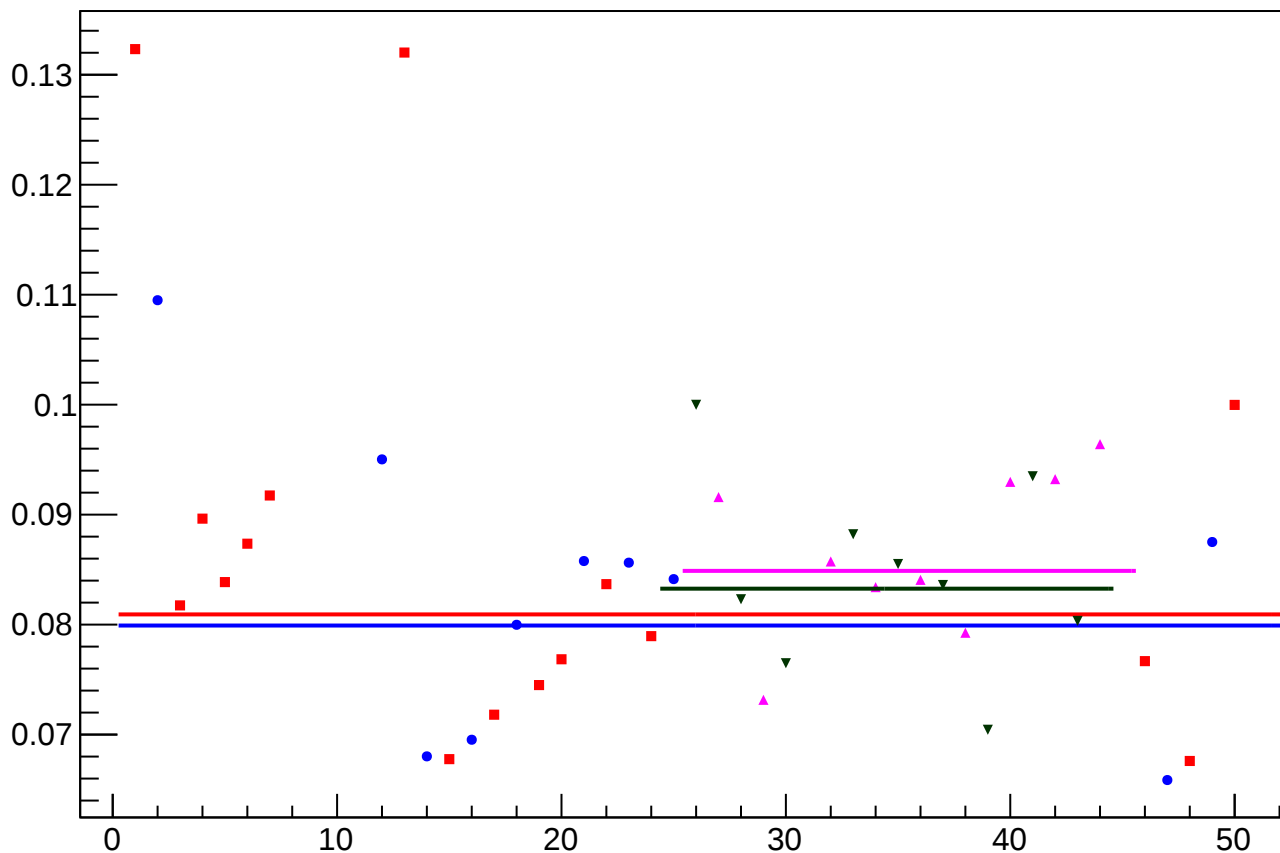
Left Out: 66.663+/-0.000 χ^2 /NDF: 15457516618.3/8

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

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

69.334+/-0.000 χ^2 /NDF: 84761277083.7/43

yield_dsr_rms vs slug



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

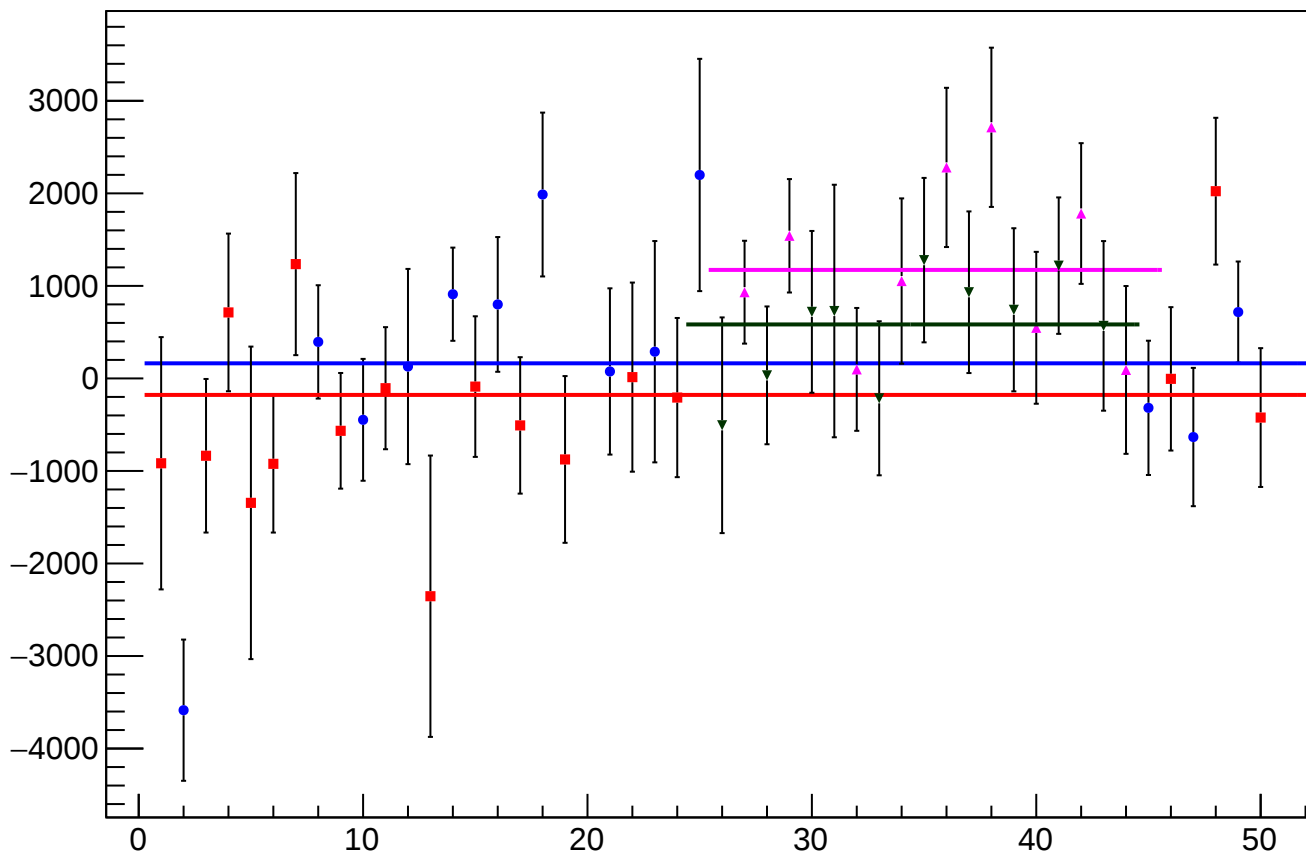
Left Out: 0.083 $\pm$ 0.000 χ^2/NDF : 78459.0/8

Right Out: 0.081 $\pm$ 0.000 χ^2/NDF : 392099.2/15

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

0.082 $\pm$ 0.000 χ^2/NDF : 880302.4/43

asym_usl_mean vs slug



Right In: 163.211+/-202.830 χ^2/NDF : 37.6/12

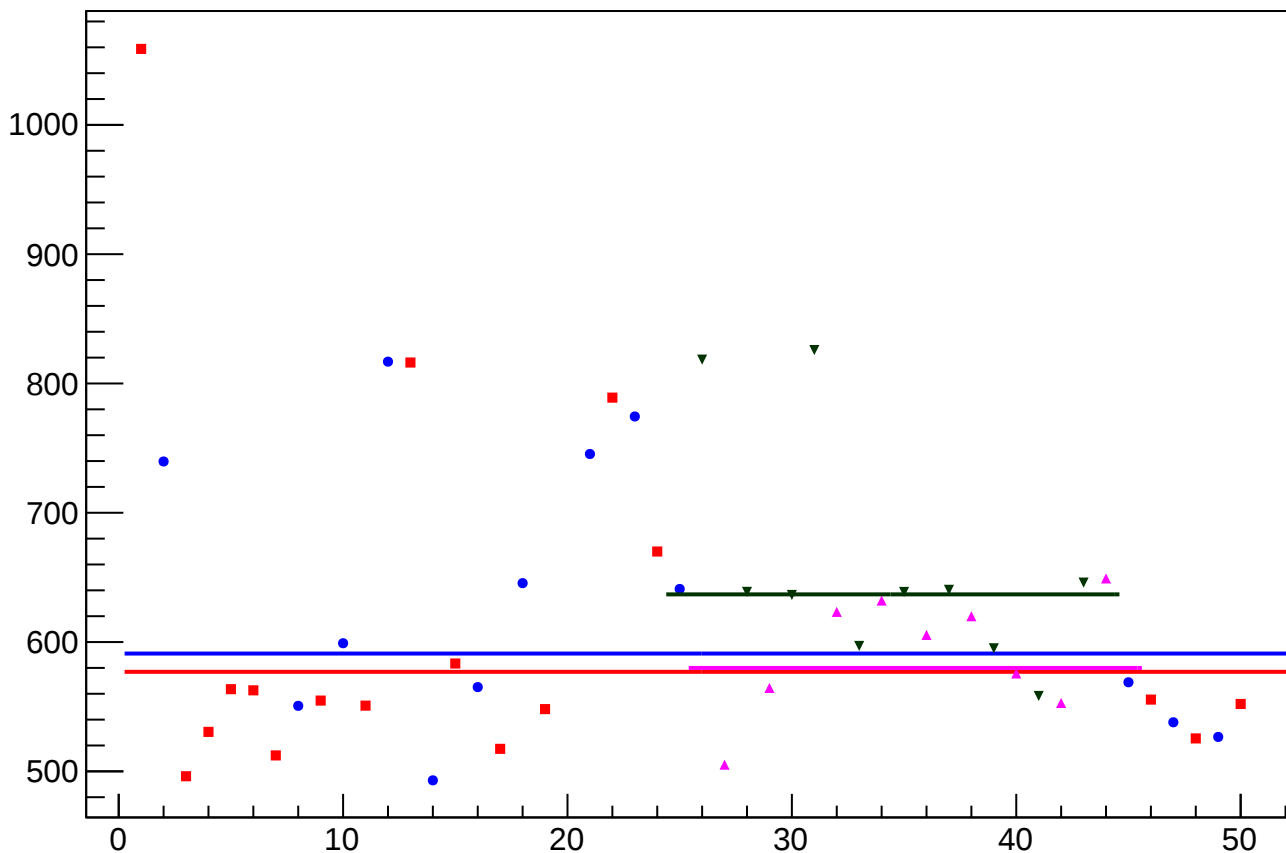
Left Out: 583.462+/-280.347 χ^2/NDF : 3.9/9

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

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

341.881+/-113.532 χ^2/NDF : 88.4/48

asym_usl_rms vs slug



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

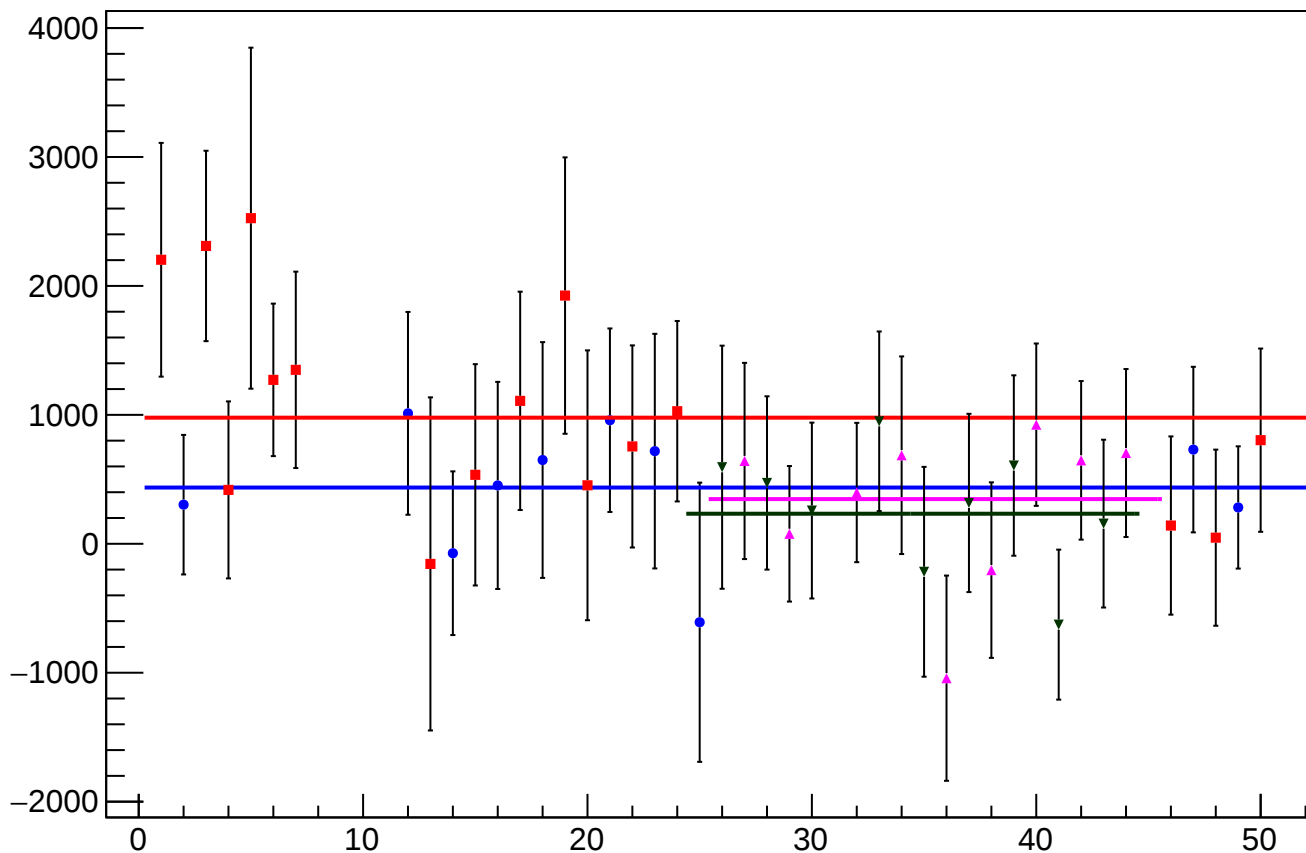
Left Out: 636.880+/-0.198 χ^2/NDF : 118921.2/9

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

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

591.868+/-0.080 χ^2/NDF : 1146790.3/48

asym_usr_mean vs slug



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

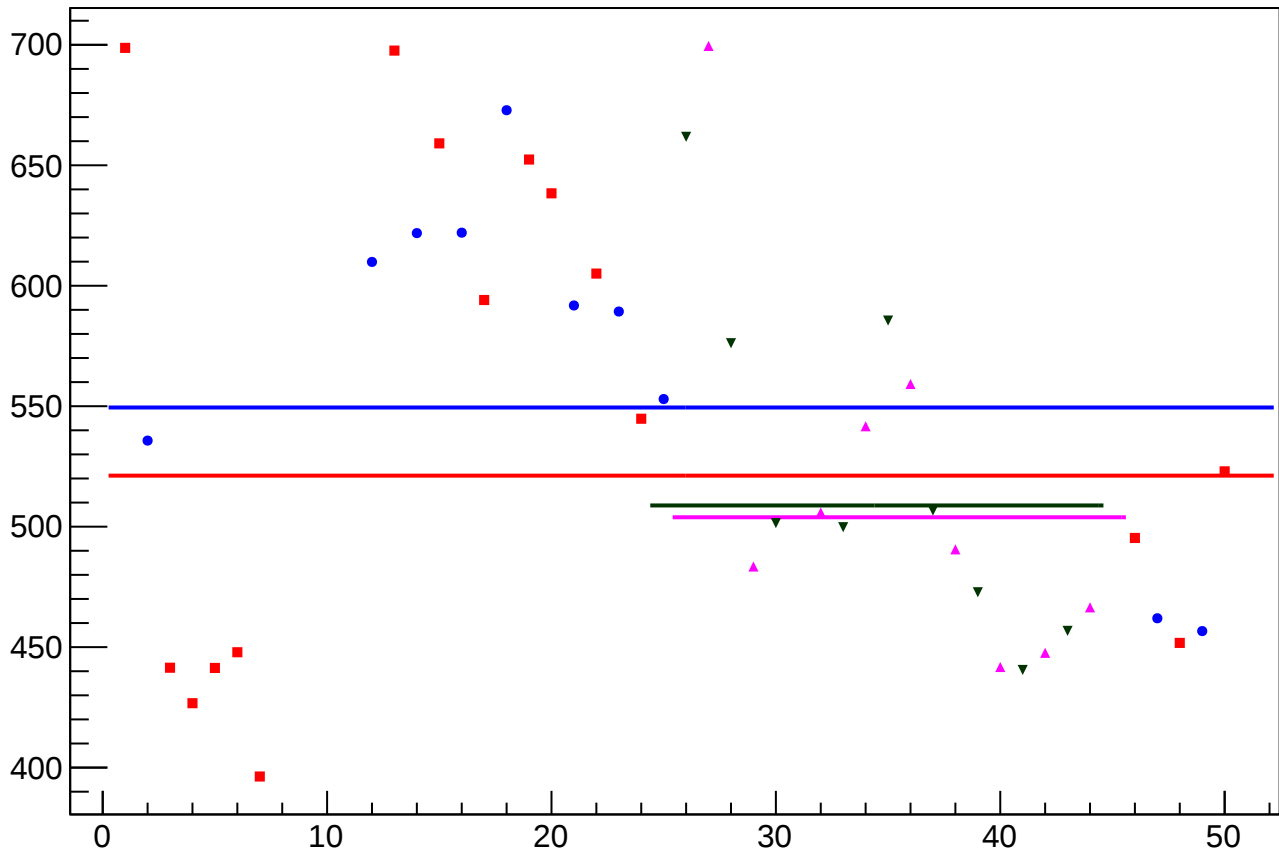
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF: 4.1/8

Right Out: 978.184 $\pm$ 198.610 χ^2 /NDF: 13.2/15

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

528.853 $\pm$ 107.356 χ^2 /NDF: 33.8/43

asym_usr_rms vs slug



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

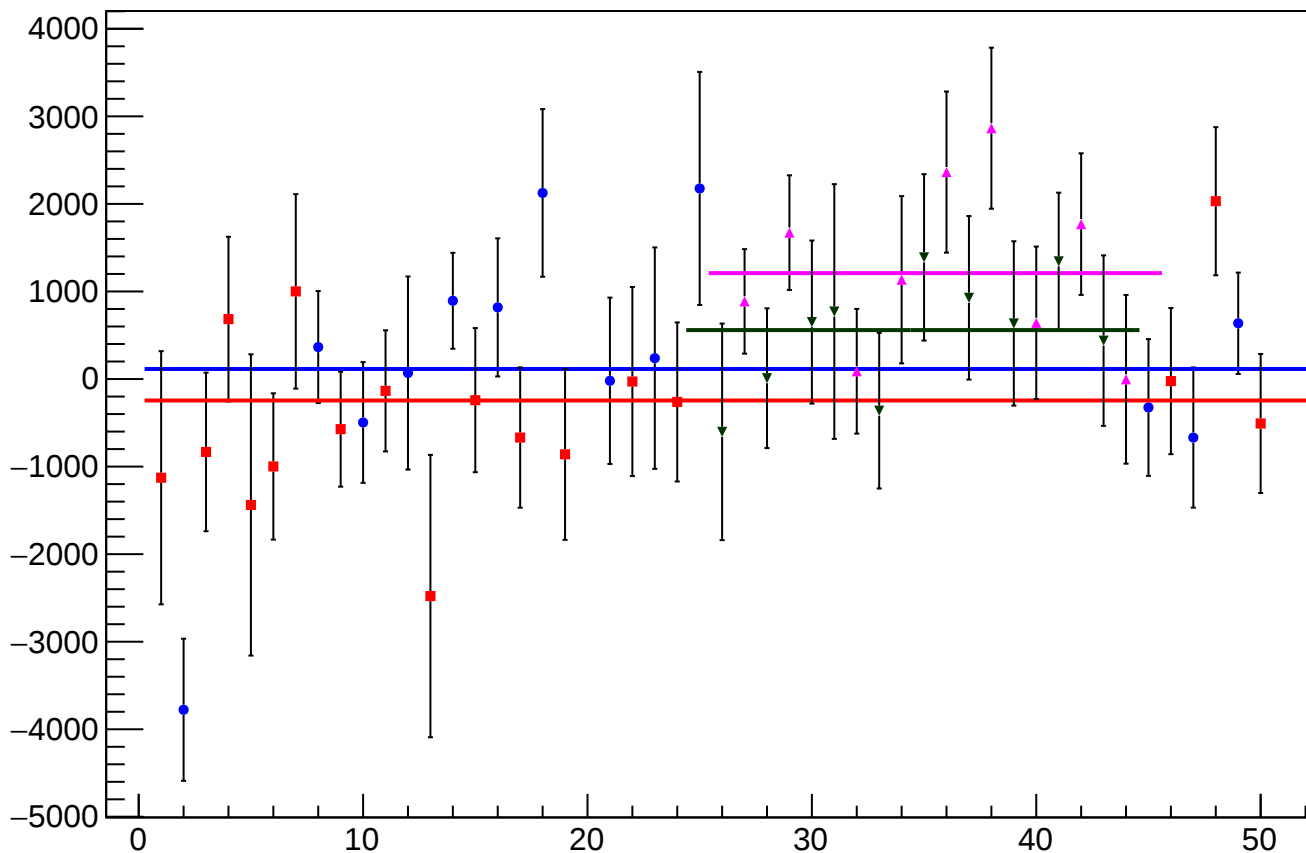
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

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

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

521.116+/-0.076 χ^2/NDF : 1036385.4/43

asym_dsl_mean vs slug



Right In: 114.930 ± 216.143 $\chi^2/\text{NDF}: 35.7/12$

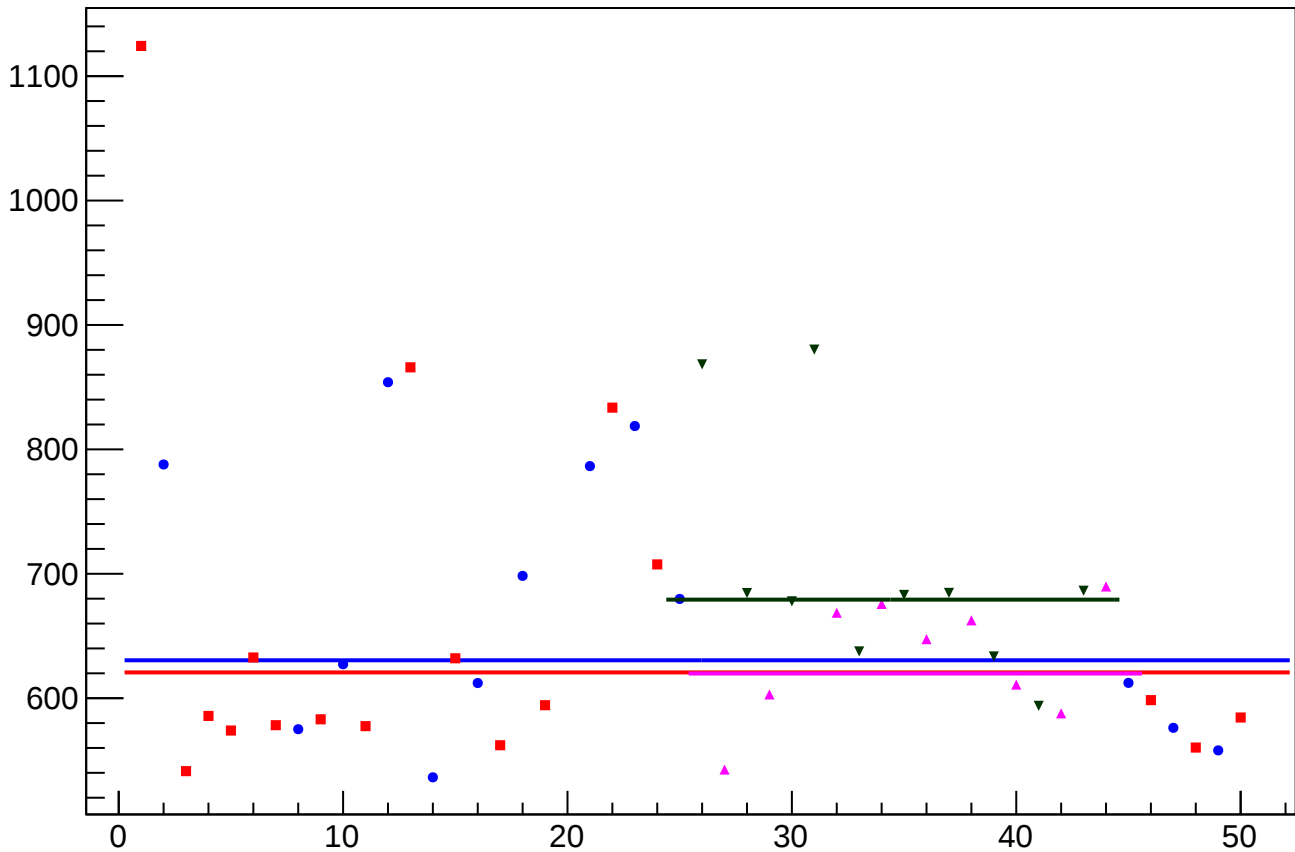
Left Out: 558.792 ± 298.984 $\chi^2/\text{NDF}: 4.4/9$

Right Out: -244.998 ± 219.403 $\chi^2/\text{NDF}: 14.7/16$

Left In: 1209.630 ± 262.642 $\chi^2/\text{NDF}: 10.6/8$

311.769 ± 121.391 $\chi^2/\text{NDF}: 85.0/48$

asym_dsl_rms vs slug



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

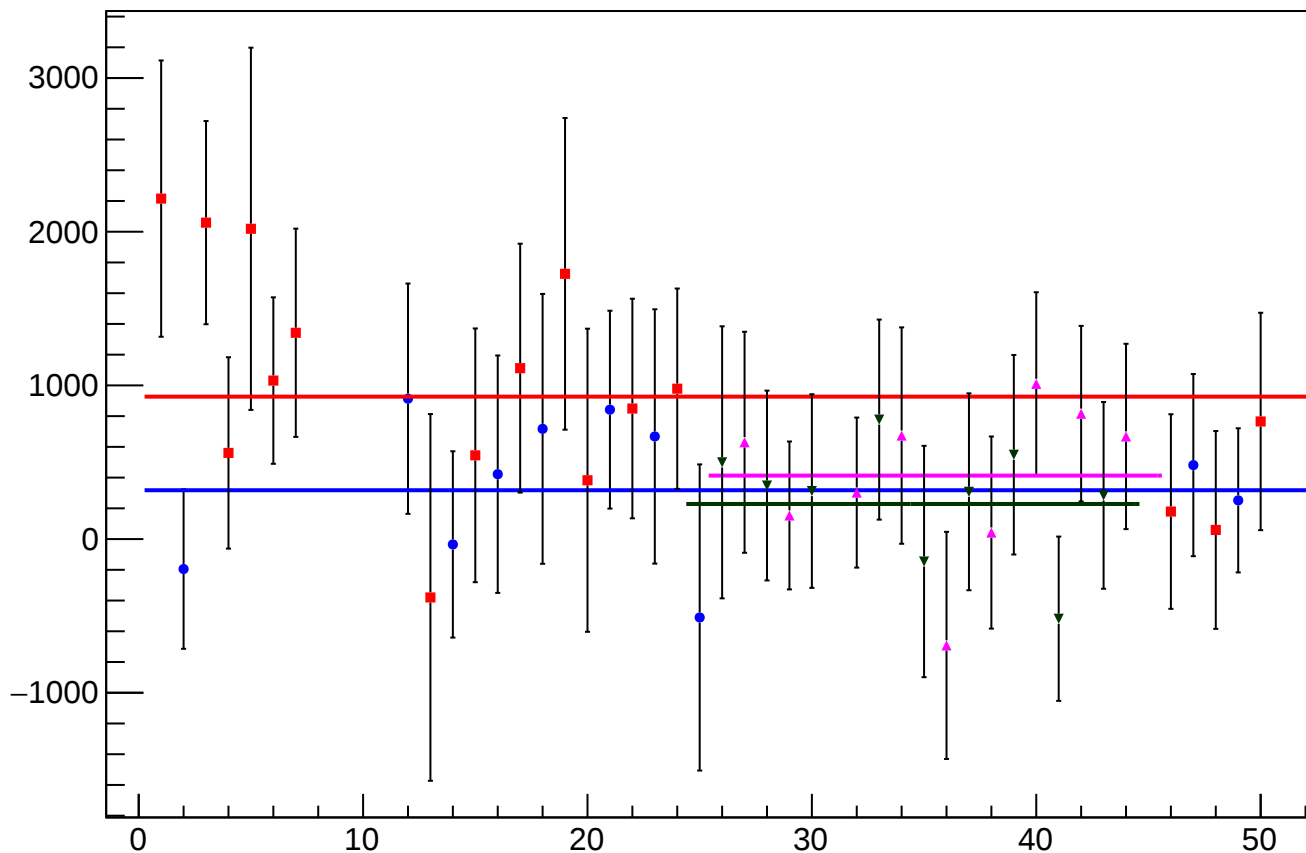
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

633.248+/-0.086 χ^2/NDF : 1084252.0/48

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

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

asym_dsr_mean vs slug



Right In: 317.773 ± 206.458 $\chi^2/\text{NDF}: 3.8/9$

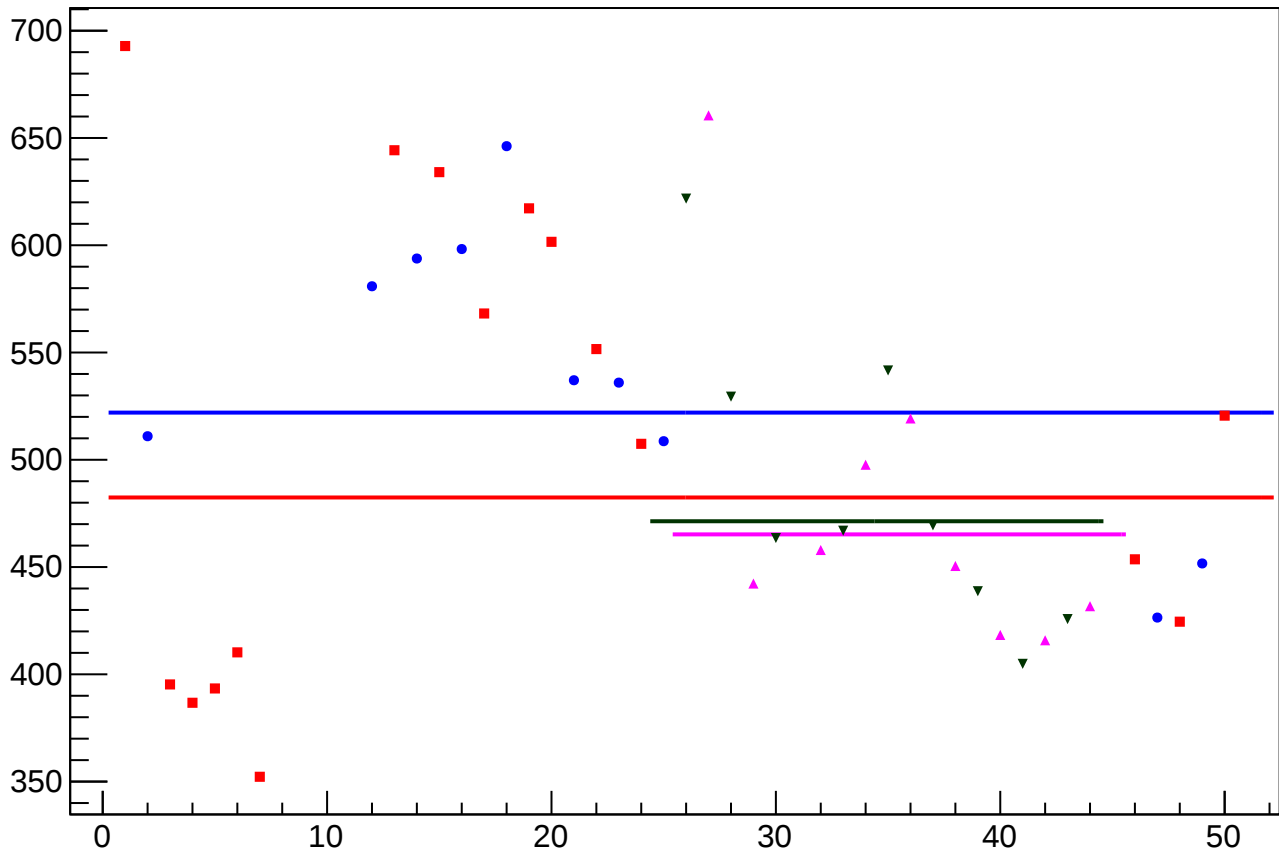
Left Out: 228.398 ± 215.357 $\chi^2/\text{NDF}: 3.3/8$

Right Out: 926.851 ± 184.659 $\chi^2/\text{NDF}: 12.3/15$

Left In: 413.135 ± 198.102 $\chi^2/\text{NDF}: 4.8/8$

501.736 ± 100.085 $\chi^2/\text{NDF}: 32.1/43$

asym_dsr_rms vs slug



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

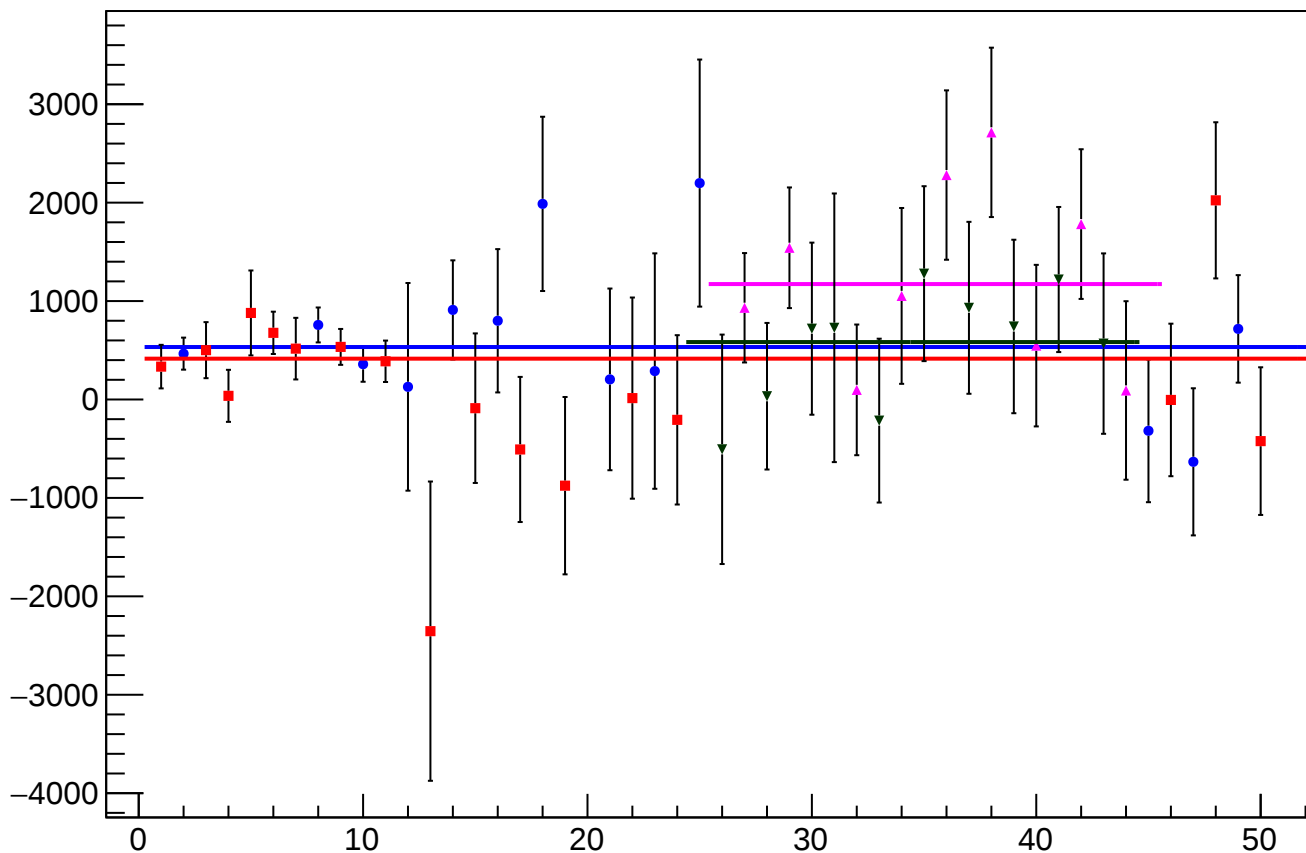
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

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

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

484.941+/-0.071 χ^2/NDF : 1186315.6/43

cor_usl_mean vs slug



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

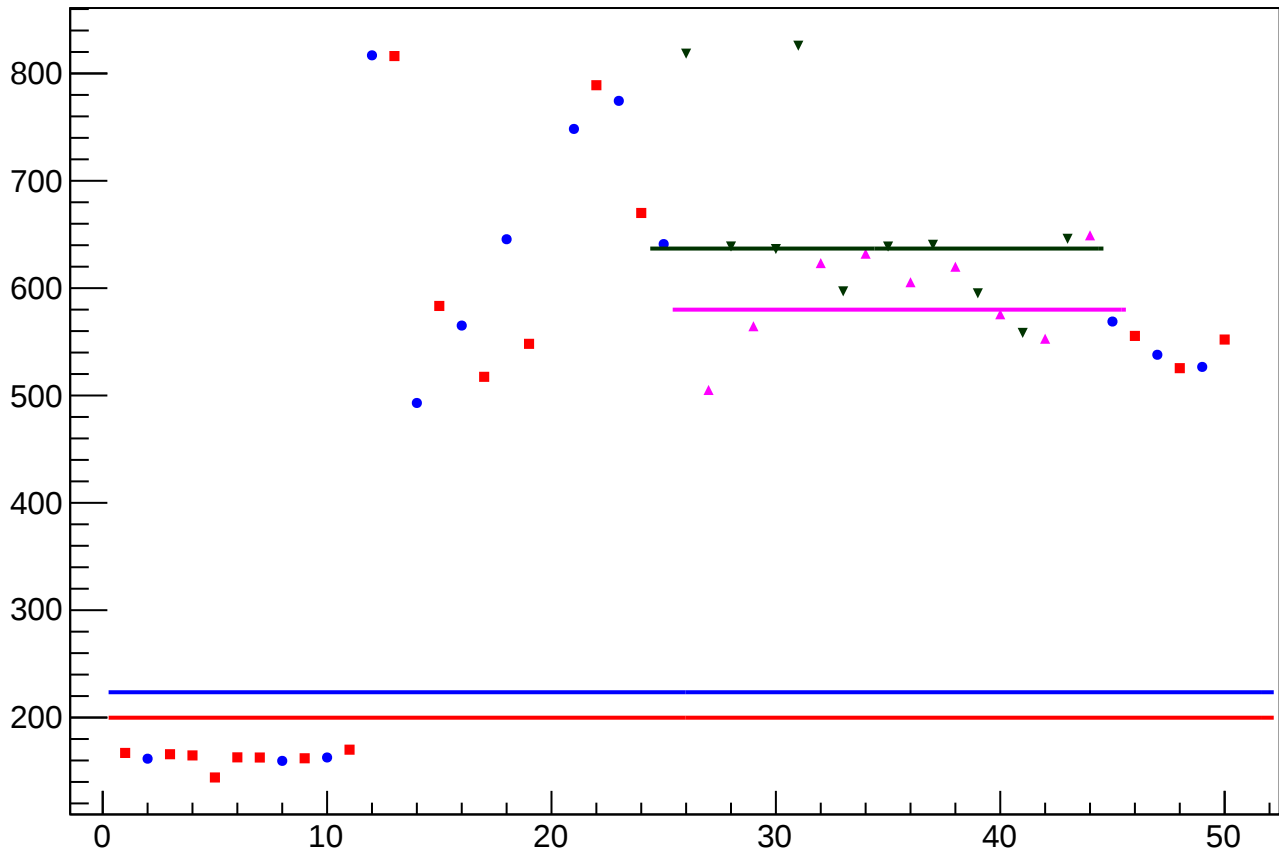
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

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

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

511.365 $\pm$ 57.995 χ^2 /NDF: 54.7/48

cor_usl_rms vs slug



Right In: 223.563 $\pm$ 0.065 χ^2 /NDF: 5595976.9/12

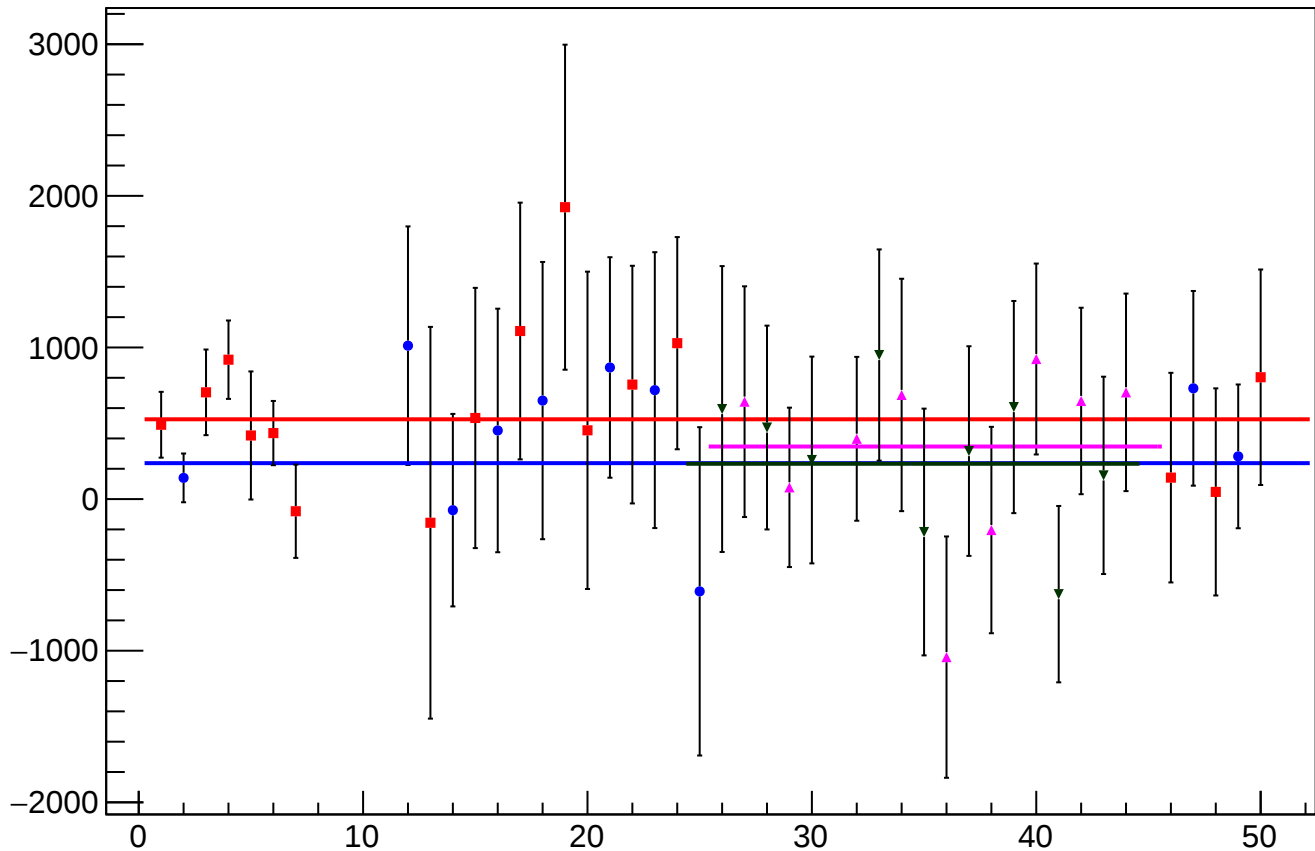
Left Out: 636.880 $\pm$ 0.198 χ^2 /NDF: 118921.2/9

Right Out: 199.851 $\pm$ 0.058 χ^2 /NDF: 4324254.9/16

249.169 $\pm$ 0.041 χ^2 /NDF: 18443022.3/48

Left In: 579.969 $\pm$ 0.174 χ^2 /NDF: 73201.0/8

cor_usr_mean vs slug



Right In: 237.062 ± 133.214 $\chi^2/\text{NDF}: 4.1/9$

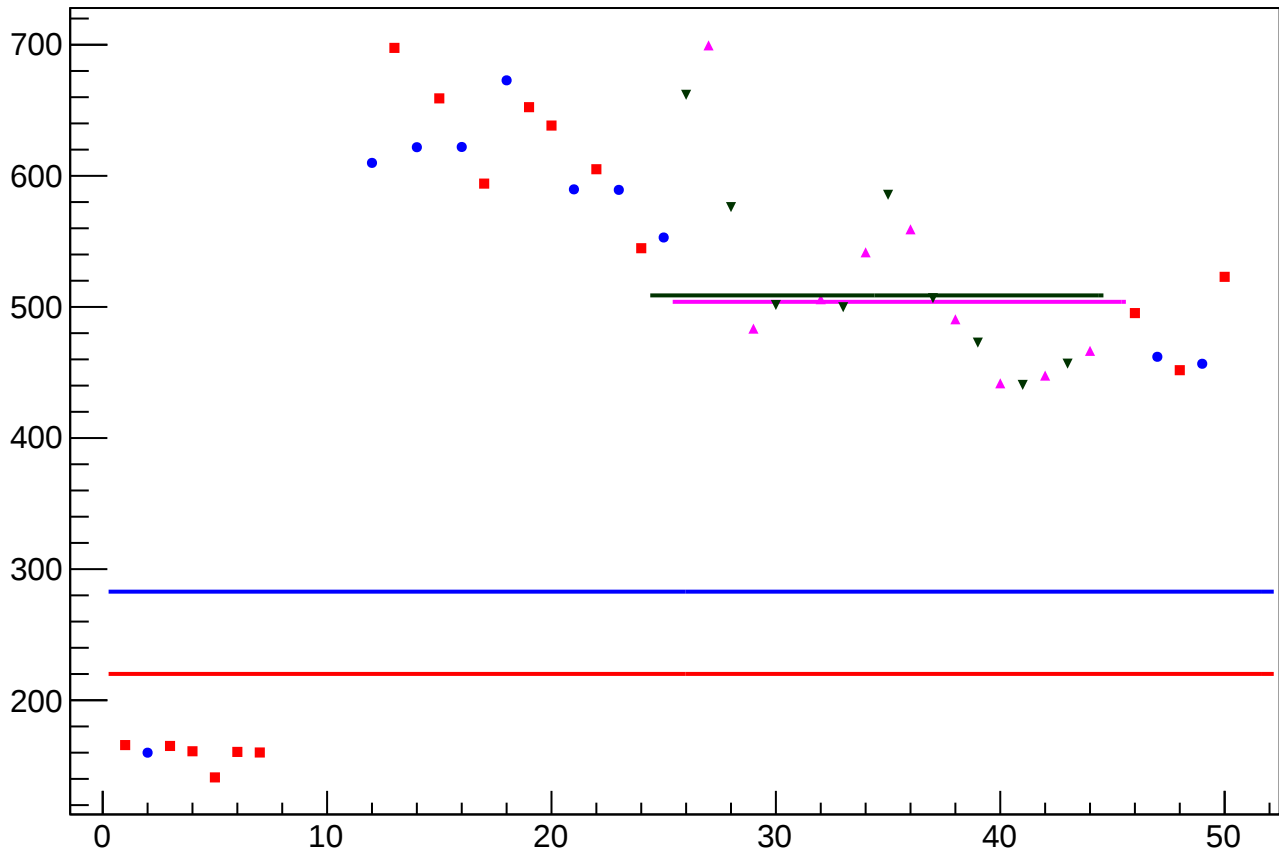
Left Out: 233.170 ± 232.417 $\chi^2/\text{NDF}: 4.1/8$

Right Out: 526.284 ± 98.924 $\chi^2/\text{NDF}: 10.9/15$

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

397.367 ± 70.926 $\chi^2/\text{NDF}: 28.5/43$

cor_usr_rms vs slug



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

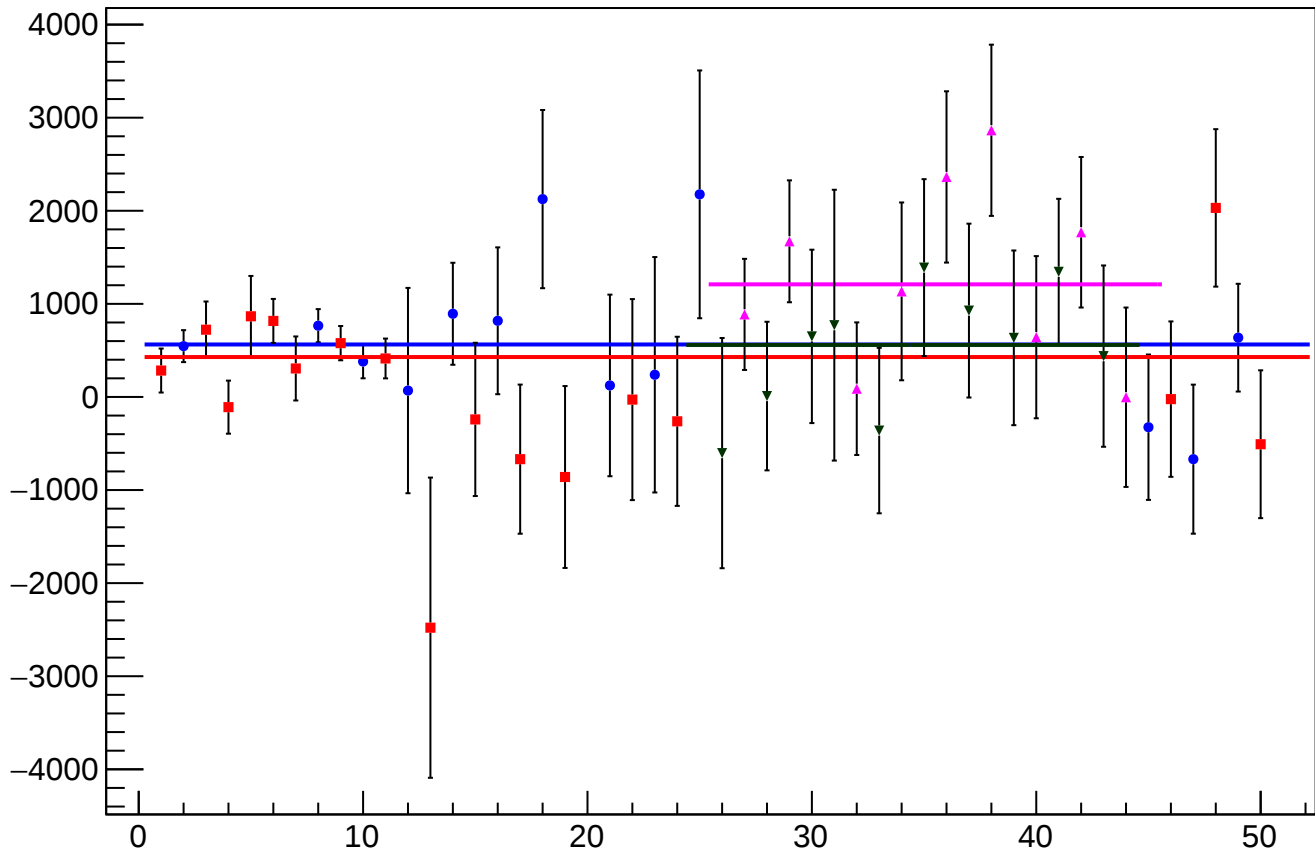
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

295.784+/-0.050 χ^2/NDF : 13283802.2/43

Right Out: 220.074+/-0.070 χ^2/NDF : 4264009.5/15

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

cor_dsl_mean vs slug



Right In: 563.690 ± 94.716 $\chi^2/\text{NDF}: 11.1/12$

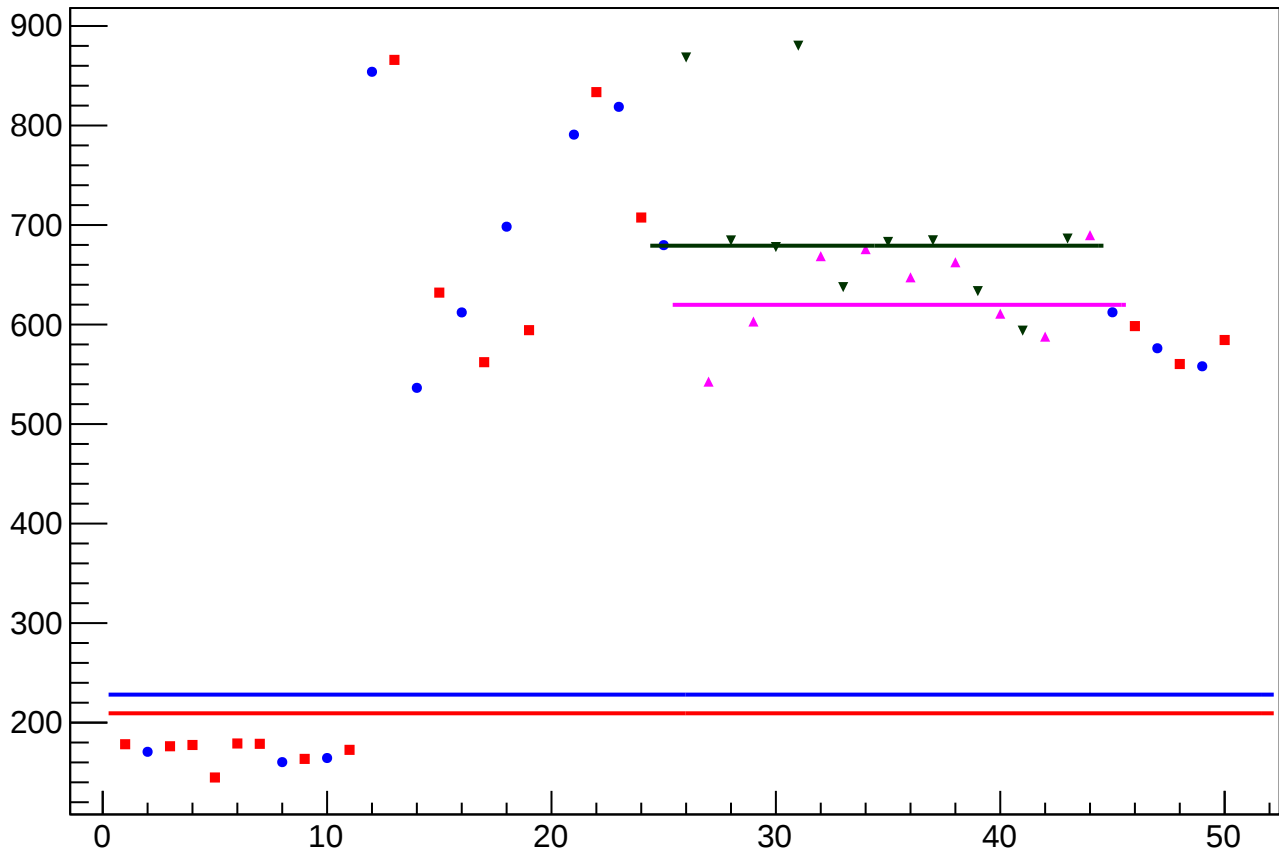
Left Out: 558.792 ± 298.984 $\chi^2/\text{NDF}: 4.4/9$

530.839 ± 60.595 $\chi^2/\text{NDF}: 57.2/48$

Right Out: 428.656 ± 86.003 $\chi^2/\text{NDF}: 23.0/16$

Left In: 1209.630 ± 262.642 $\chi^2/\text{NDF}: 10.6/8$

cor_dsl_rms vs slug



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

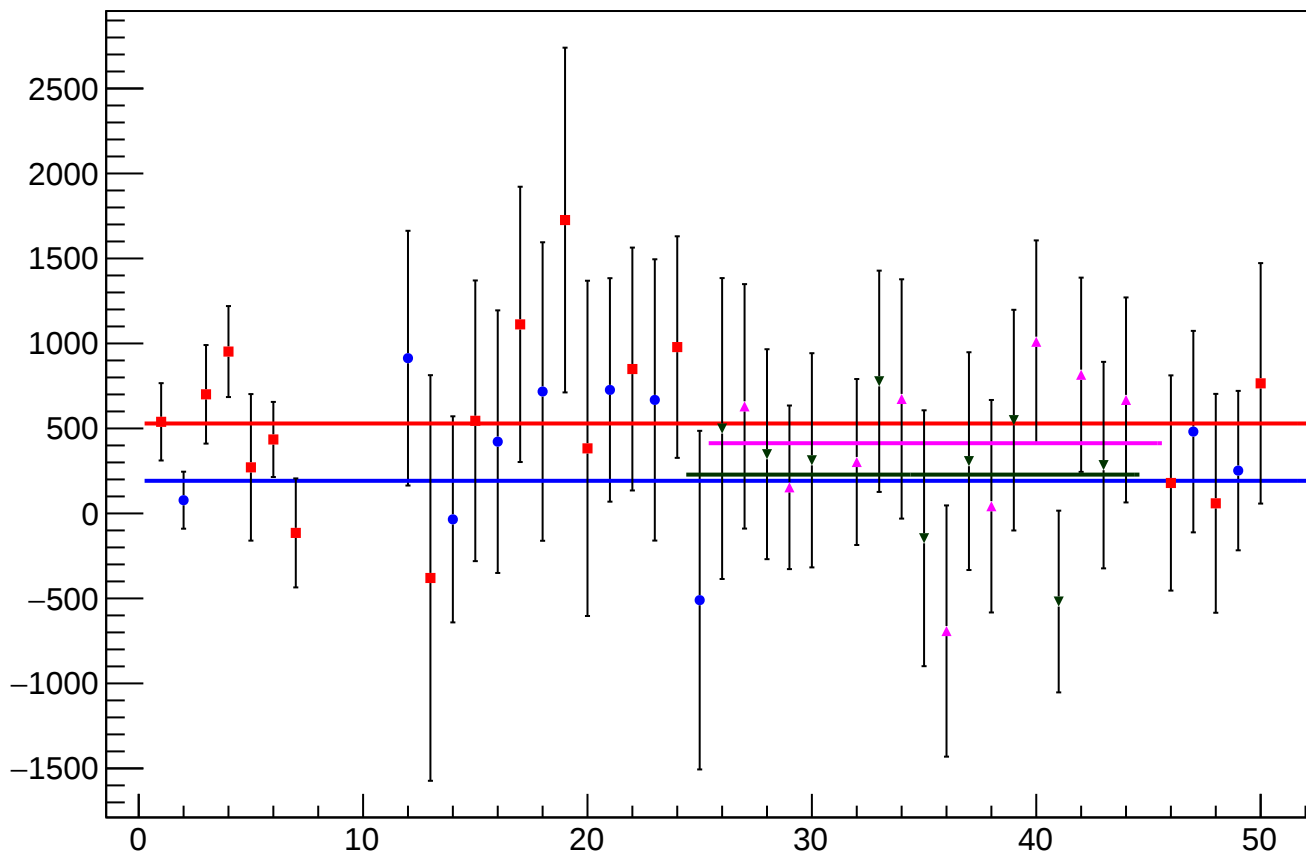
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

258.193+/-0.043 χ^2/NDF : 19047304.4/48

Right Out: 209.361+/-0.061 χ^2/NDF : 4412418.4/16

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

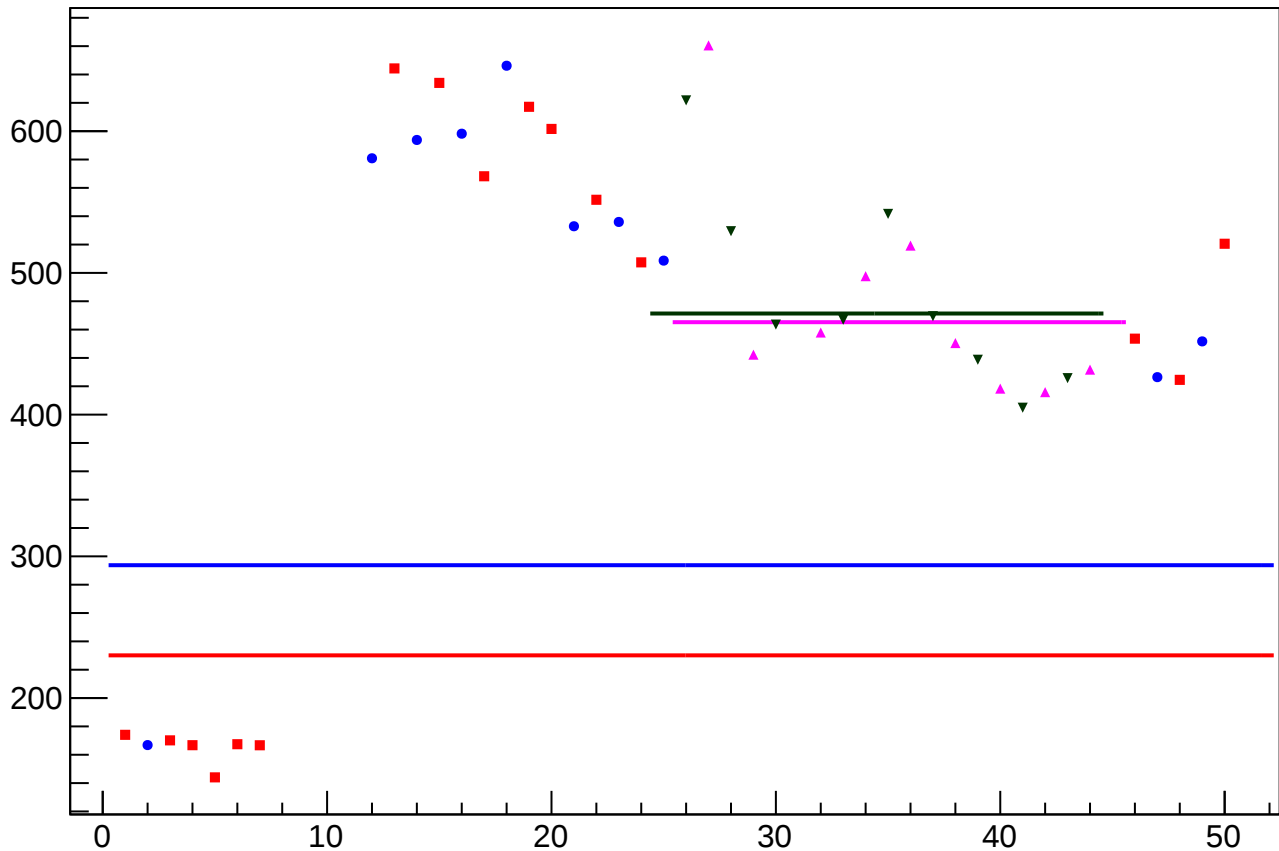
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

Right Out: 529.122 $\pm$ 101.175 χ^2 /NDF: 11.6/15

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

388.781 $\pm$ 70.718 χ^2 /NDF: 28.1/43

cor_dsr_rms vs slug



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

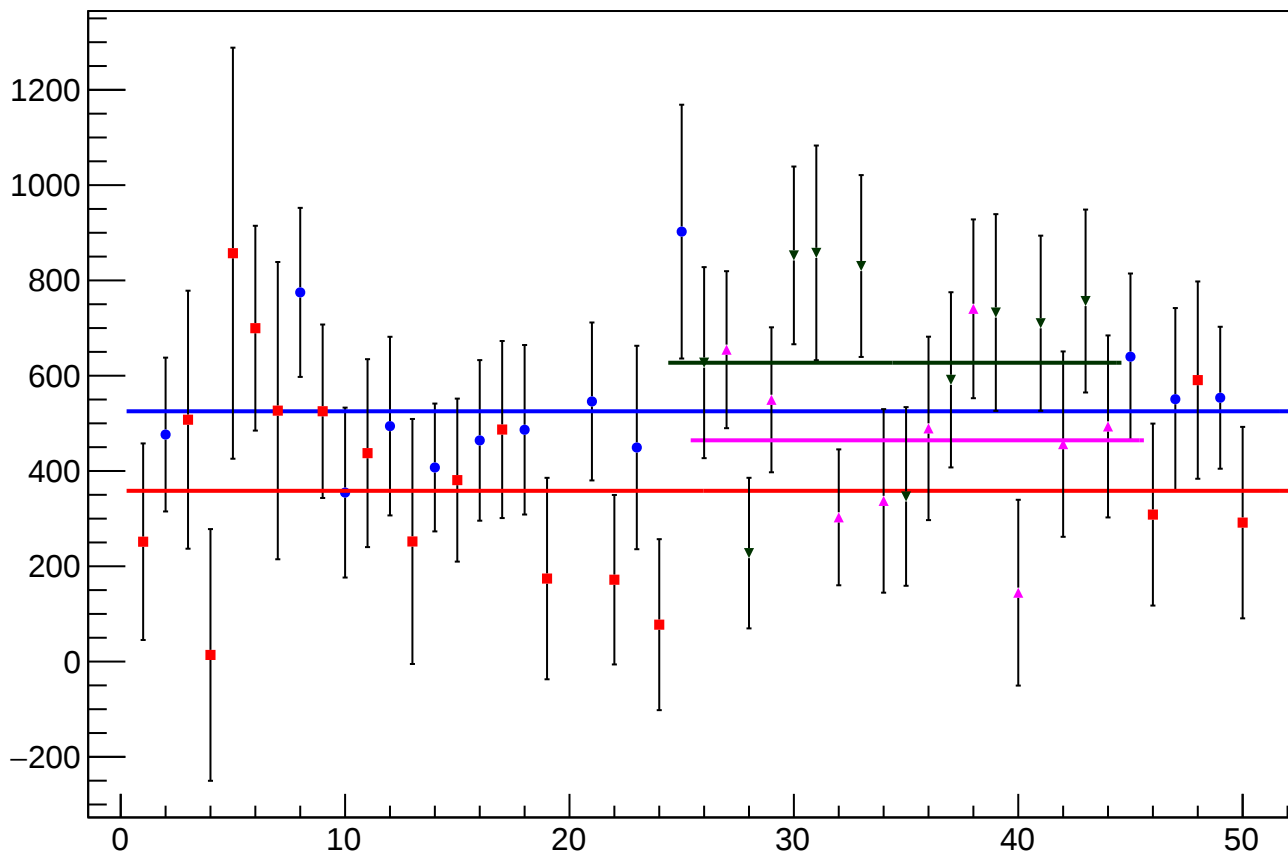
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

303.672+/-0.050 χ^2/NDF : 11188782.5/43

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

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

reg_asym_usl_mean vs slug



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

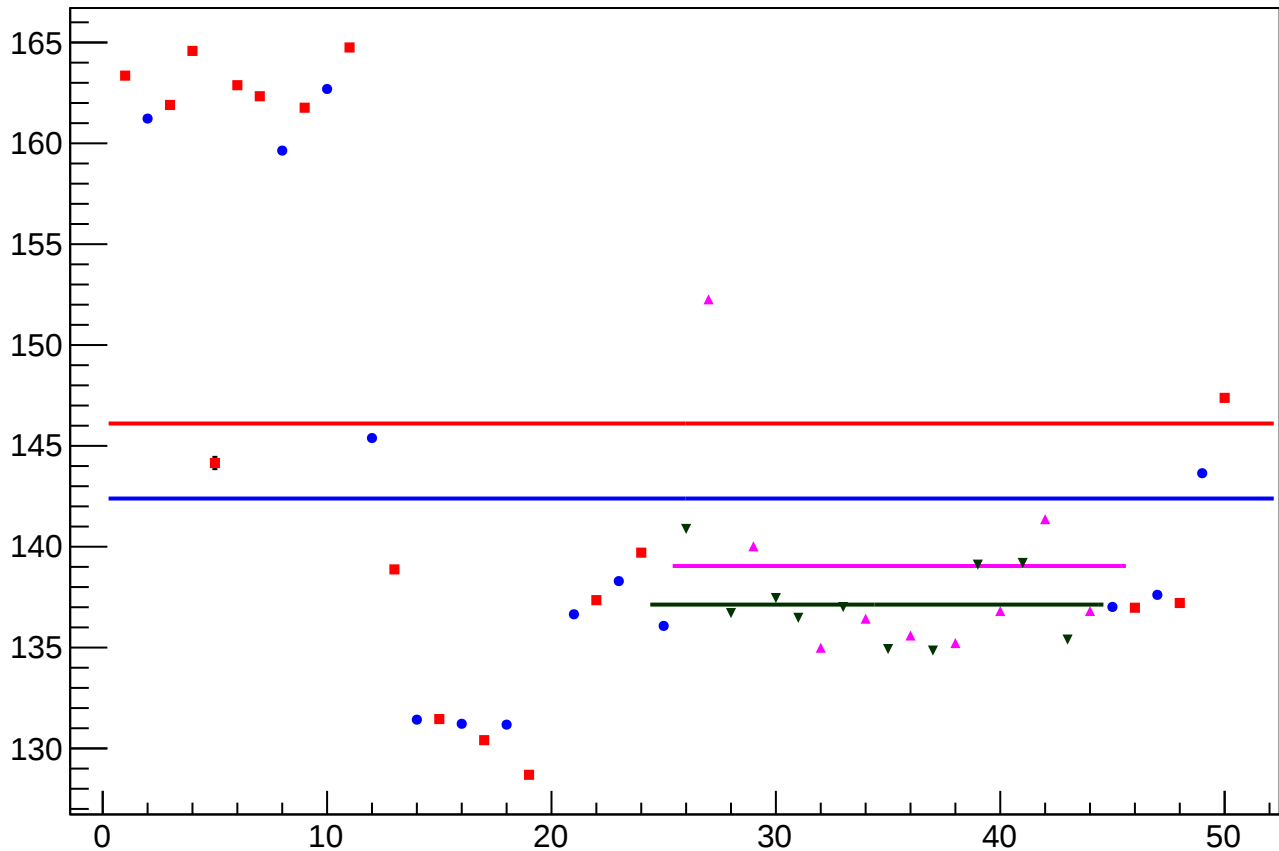
Left Out: 627.204 ± 59.866 $\chi^2/\text{NDF}: 13.2/9$

Right Out: 358.385 ± 51.067 $\chi^2/\text{NDF}: 13.8/16$

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

486.778 ± 26.878 $\chi^2/\text{NDF}: 54.5/48$

reg_asym_usl_rms vs slug



Right In: 142.390+/-0.034 χ^2/NDF : 110204.6/12

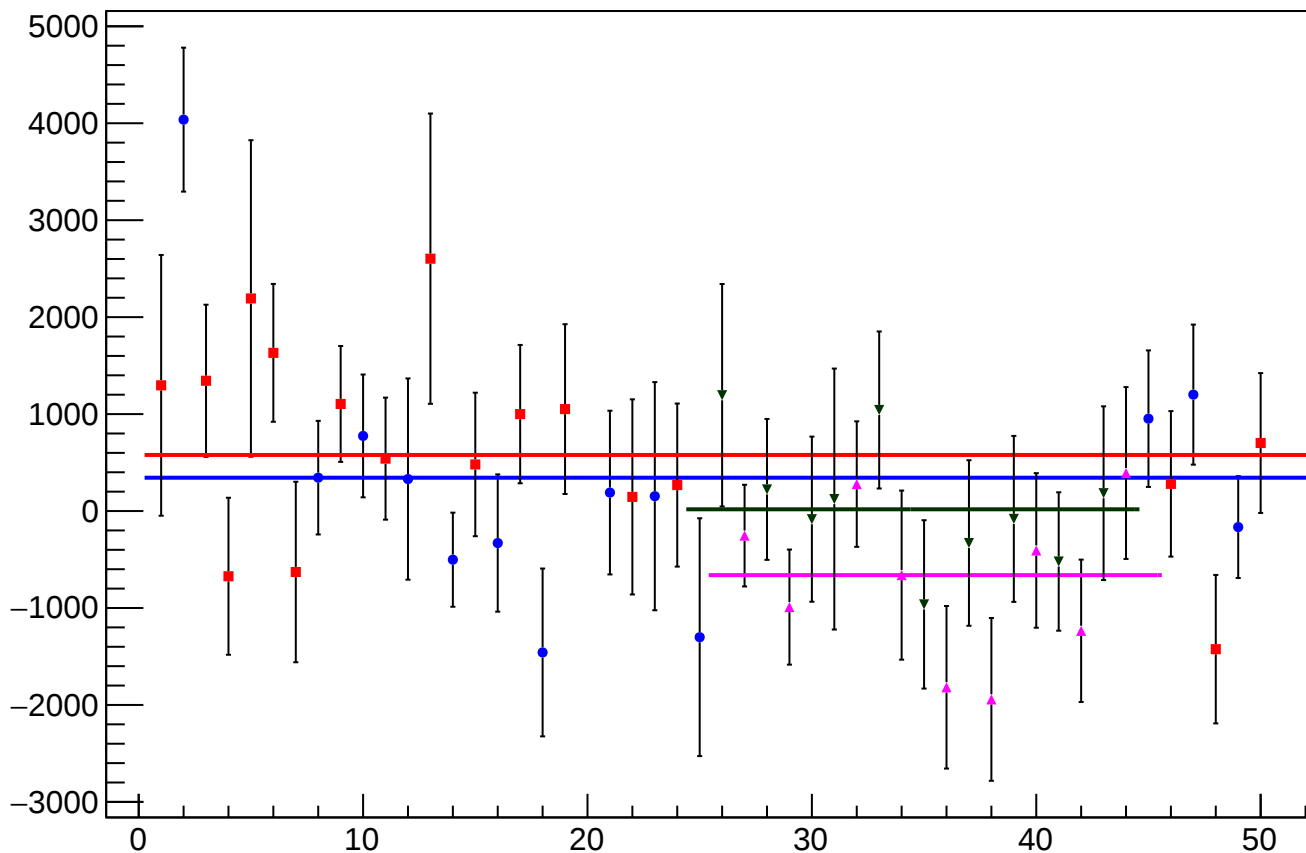
Left Out: 137.131+/-0.042 χ^2/NDF :1921.5/9

141.655+/-0.019 χ^2/NDF : 301147.4/48

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

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

asym_usl_correction_mean vs slug



Right In: 343.802 ± 195.833 χ^2/NDF : 38.4/12

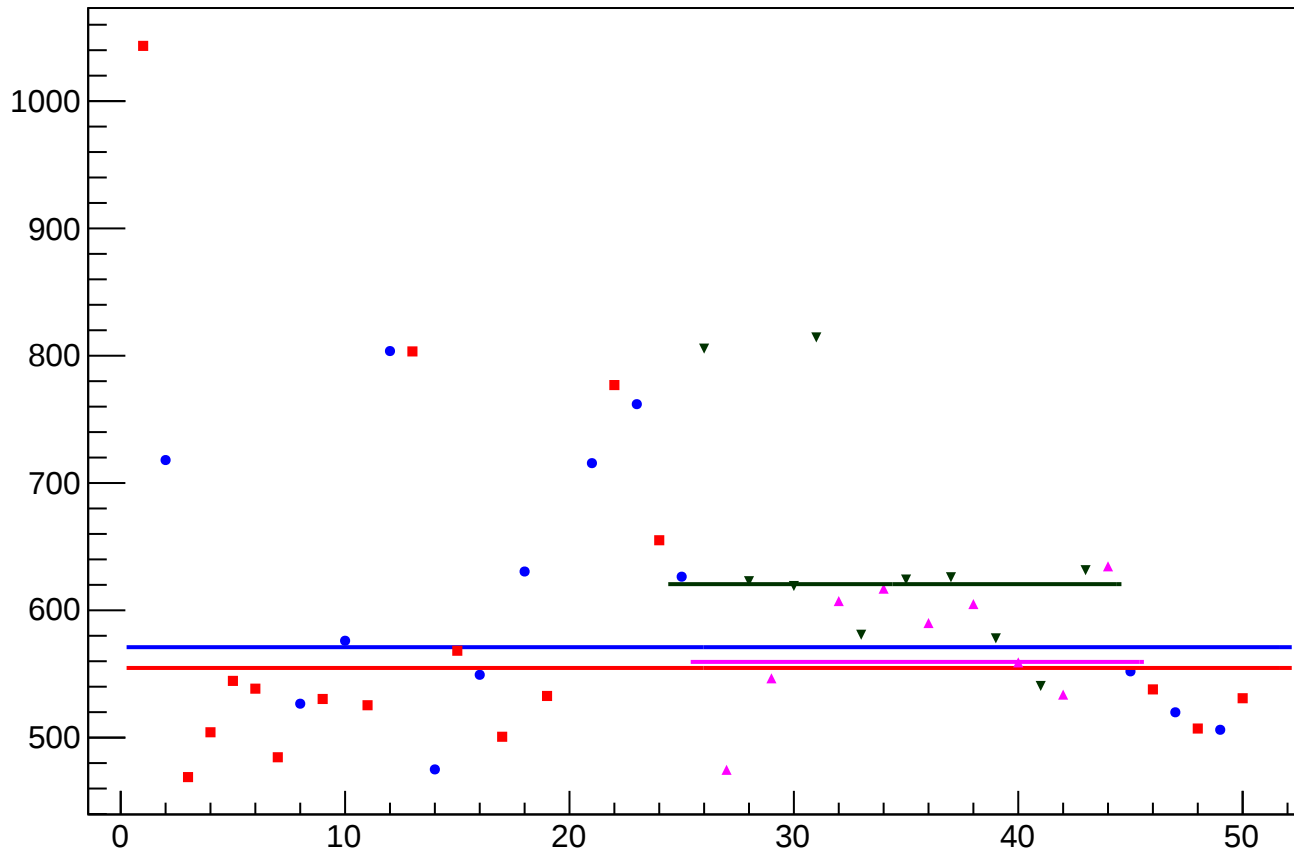
Left Out: 17.986 ± 273.379 χ^2/NDF : 4.8/9

150.096 ± 109.728 χ^2/NDF : 89.3/48

Right Out: 578.553 ± 196.568 χ^2/NDF : 19.1/16

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

asym_usl_correction_rms vs slug



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

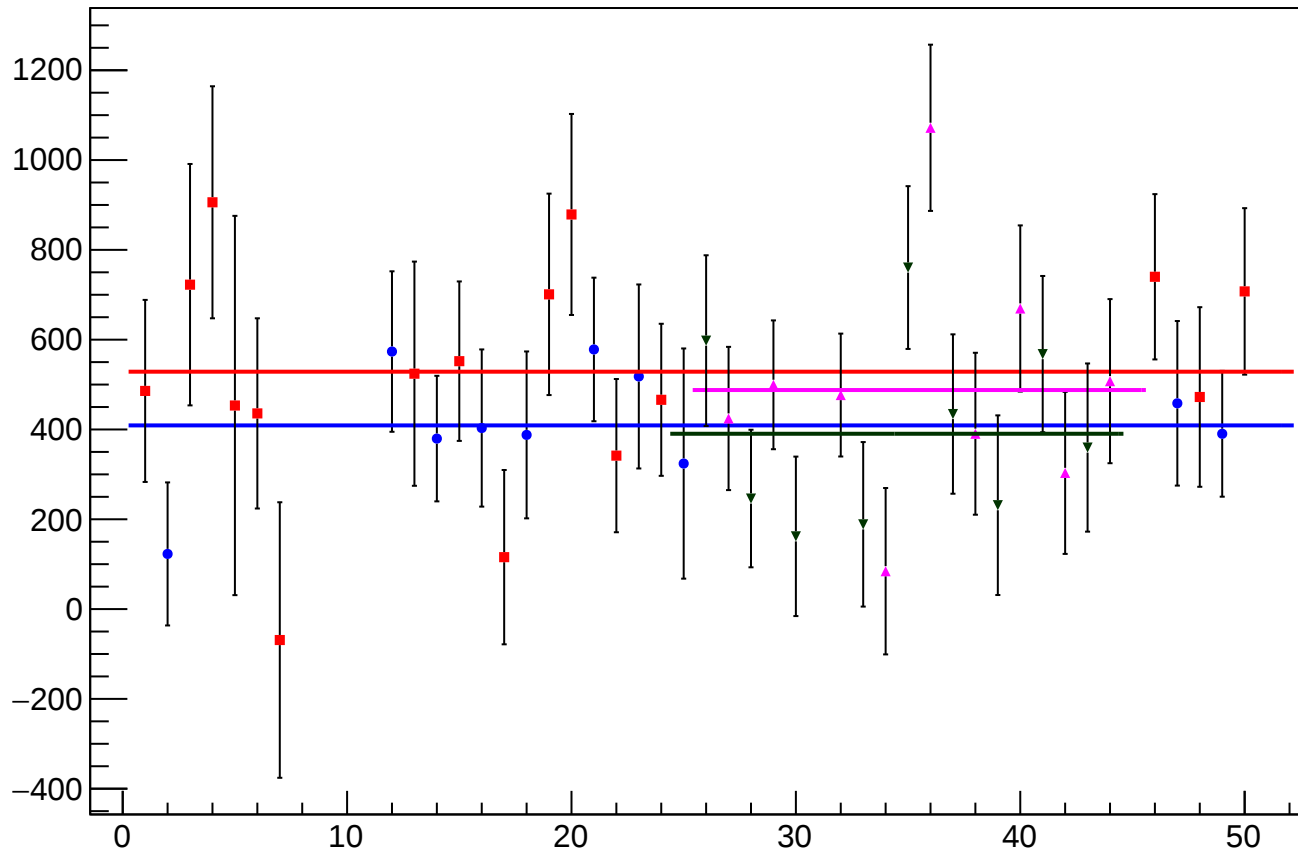
Left Out: 620.564+/-0.193 χ^2/NDF : 128801.5/9

571.467+/-0.078 χ^2/NDF : 1269917.1/48

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

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

reg_asym_usr_mean vs slug



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

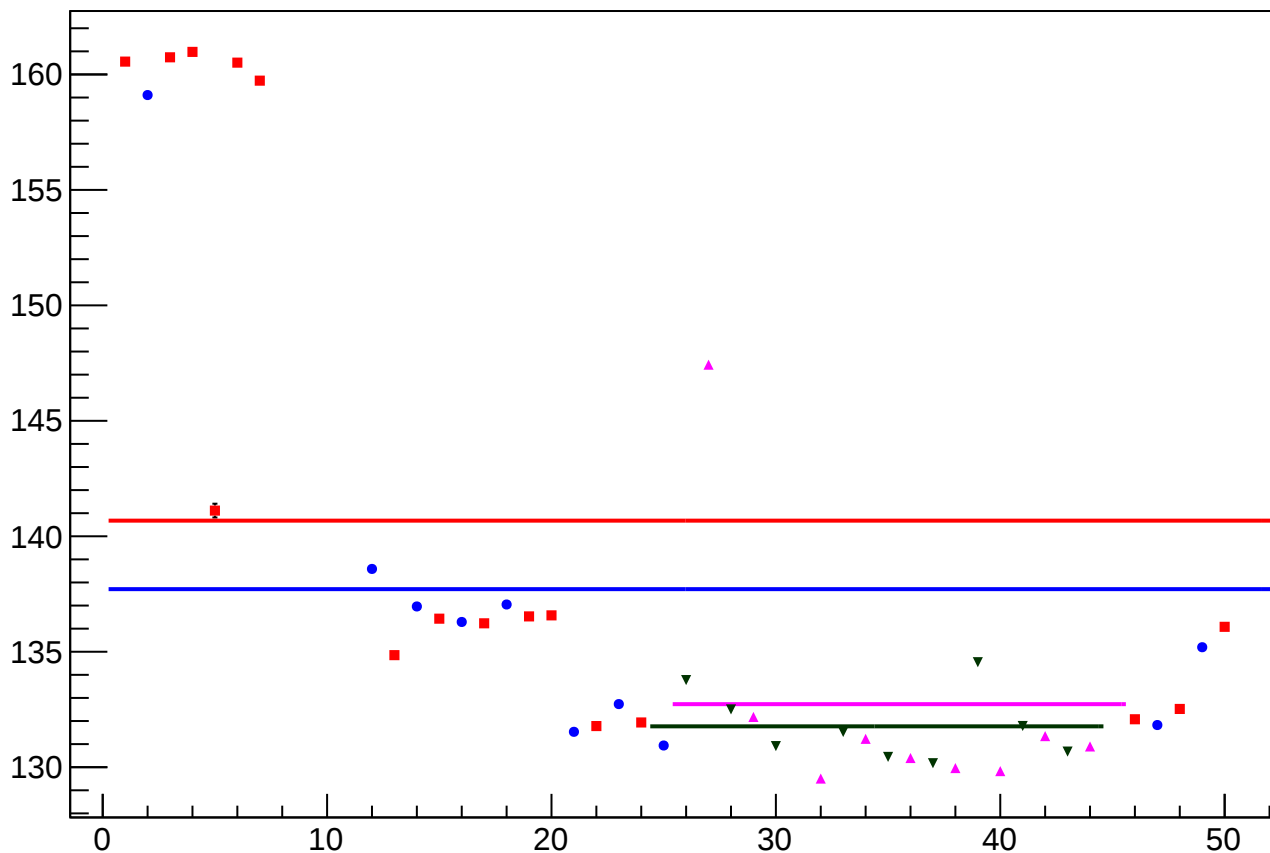
Left Out: 390.446 $\pm$ 59.706 χ^2 /NDF:10.9/8

Right Out: 528.681 $\pm$ 52.804 χ^2 /NDF: 18.0/15

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

457.383 $\pm$ 27.716 χ^2 /NDF: 55.9/43

reg_asym_usr_rms vs slug



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

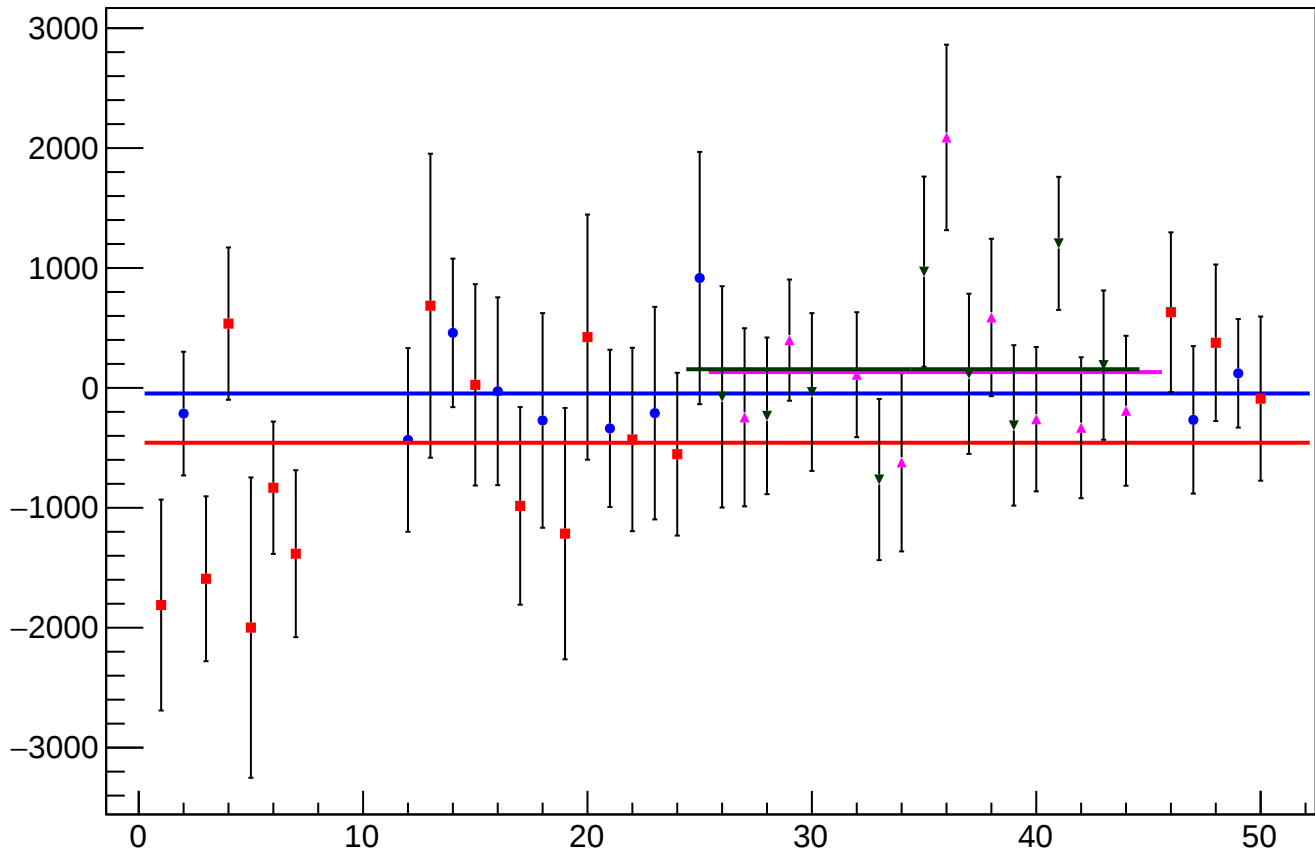
Left Out: 131.770 ± 0.042 χ^2/NDF : 1040.2/8

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

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

136.023 ± 0.020 χ^2/NDF : 192402.6/43

asym_usr_correction_mean vs slug



Right In: -46.474 $\pm$ 208.620 χ^2 /NDF: 2.4/9

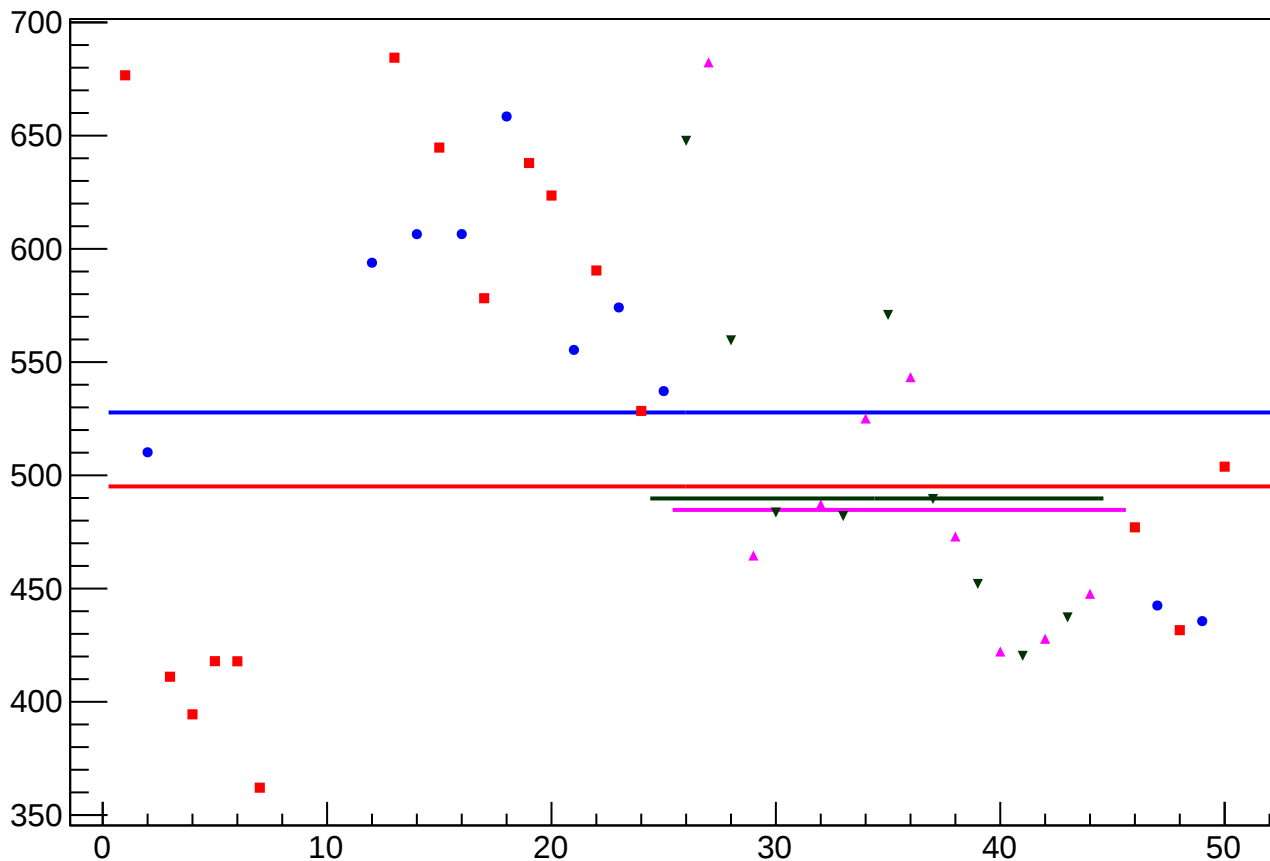
Left Out: 155.597 $\pm$ 223.964 χ^2 /NDF: 7.5/8

-80.948 $\pm$ 103.026 χ^2 /NDF: 44.6/43

Right Out: -457.279 $\pm$ 189.425 χ^2 /NDF: 18.7/15

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

asym_usr_correction_rms vs slug



Right In: 527.760 $\pm$ 0.148 χ^2/NDF : 242955.1/9

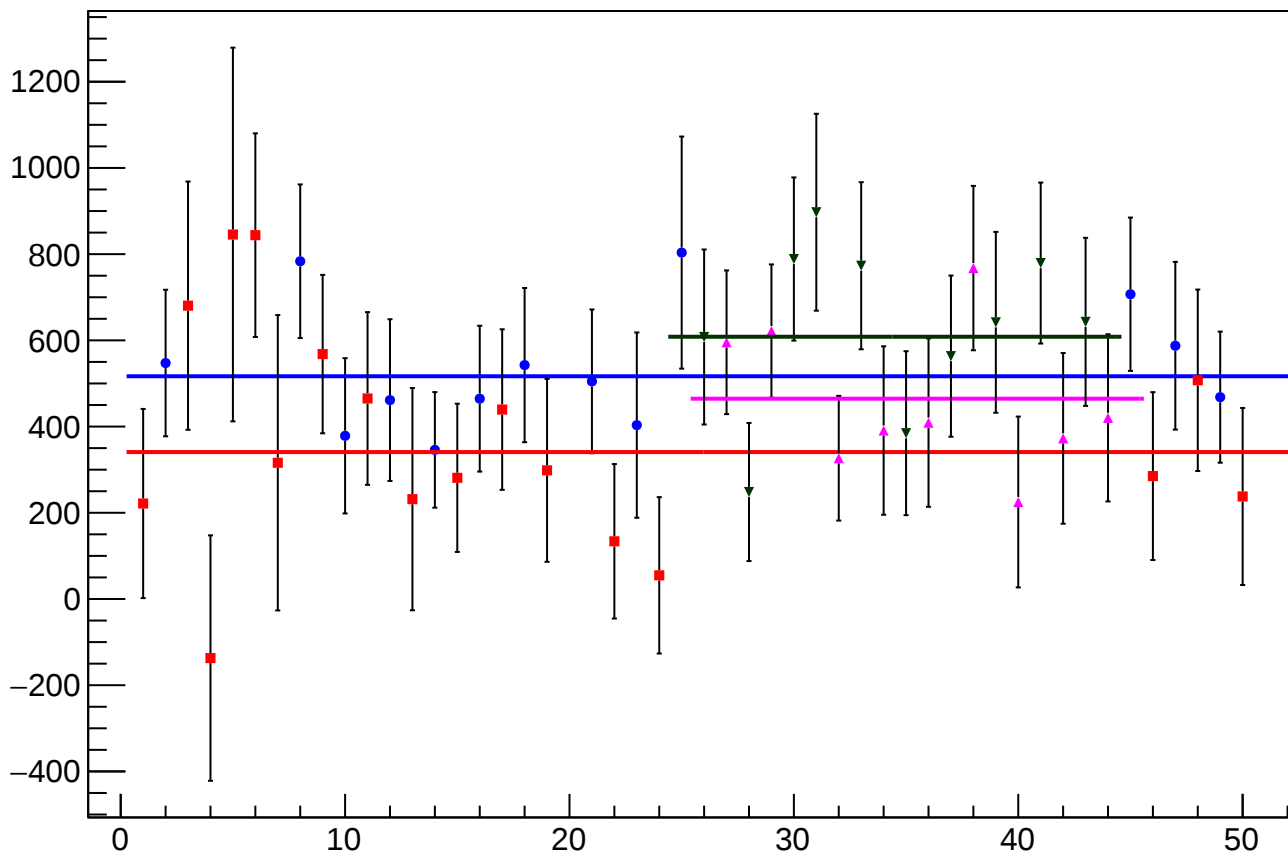
Left Out: 489.788 $\pm$ 0.158 χ^2/NDF : 154690.5/8

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

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

499.363 $\pm$ 0.073 χ^2/NDF : 1198419.1/43

reg_asym_dsl_mean vs slug



Right In: 516.708 ± 48.803 $\chi^2/\text{NDF}: 7.5/12$

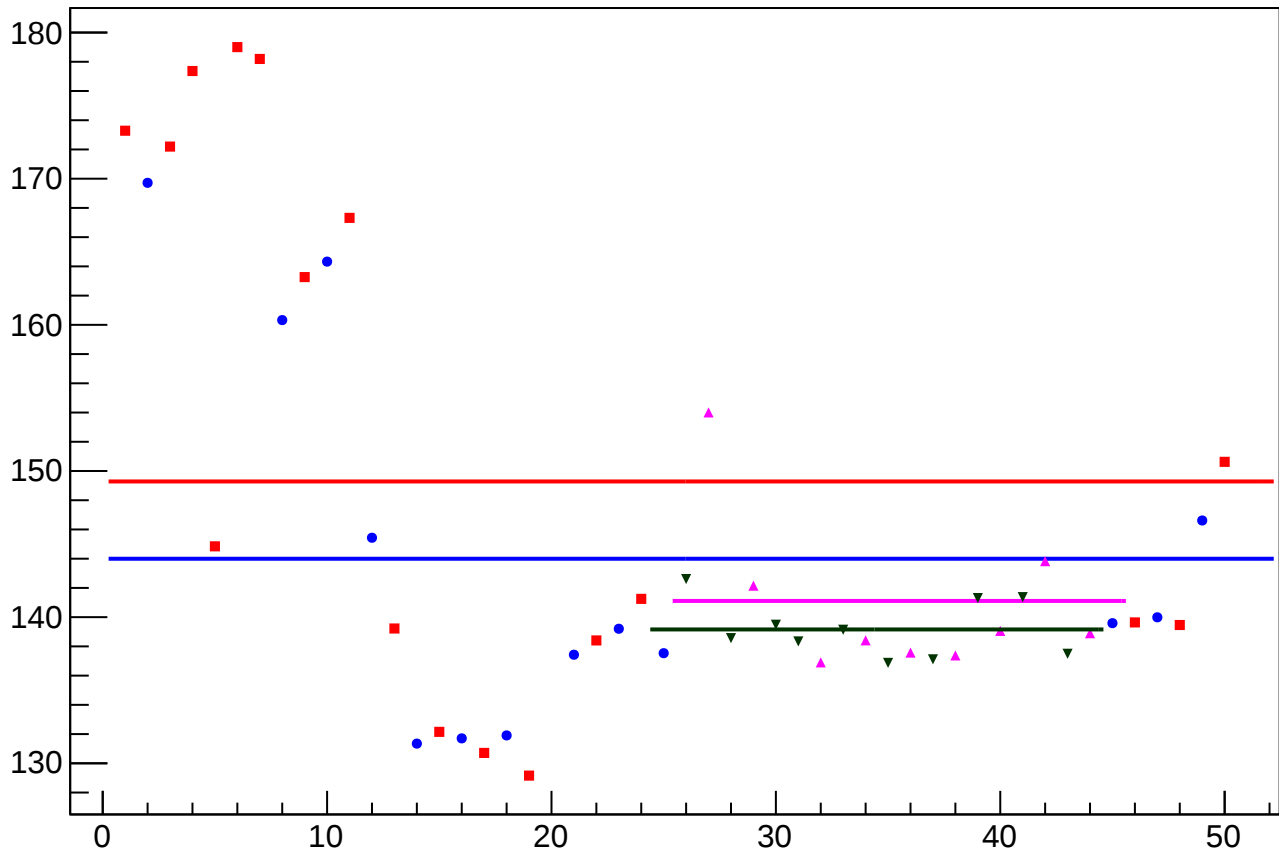
Left Out: 608.408 ± 60.755 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 340.837 ± 52.304 $\chi^2/\text{NDF}: 17.7/16$

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

476.262 ± 27.323 $\chi^2/\text{NDF}: 55.0/48$

reg_asym_dsl_rms vs slug



Right In: 143.996 $\pm$ 0.035 χ^2 /NDF: 133586.3/12

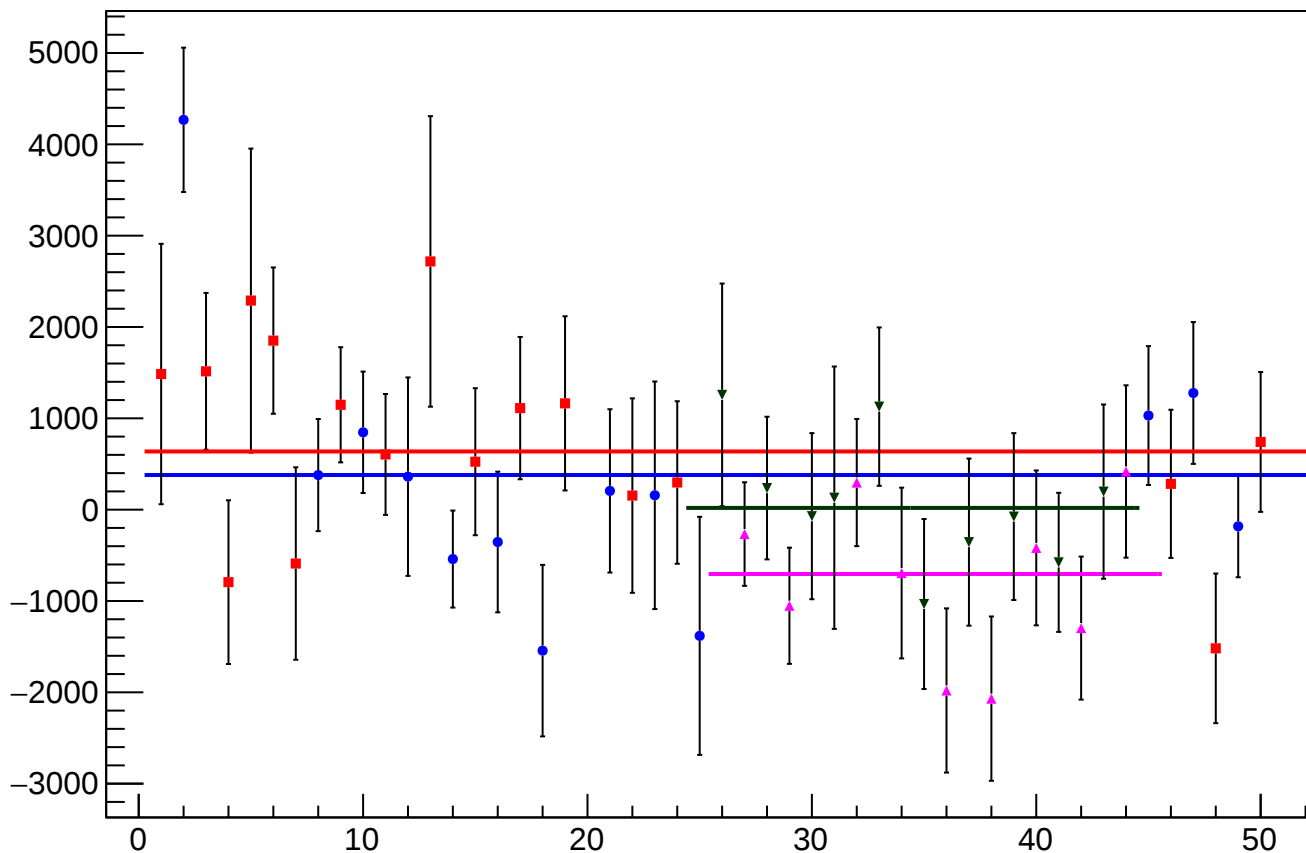
Left Out: 139.159 $\pm$ 0.043 χ^2 /NDF:1800.6/9

143.851 $\pm$ 0.019 χ^2 /NDF: 400943.4/48

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

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

asym_dsl_correction_mean vs slug



Right In: 379.508 ± 209.363 $\chi^2/\text{NDF}: 37.8/12$

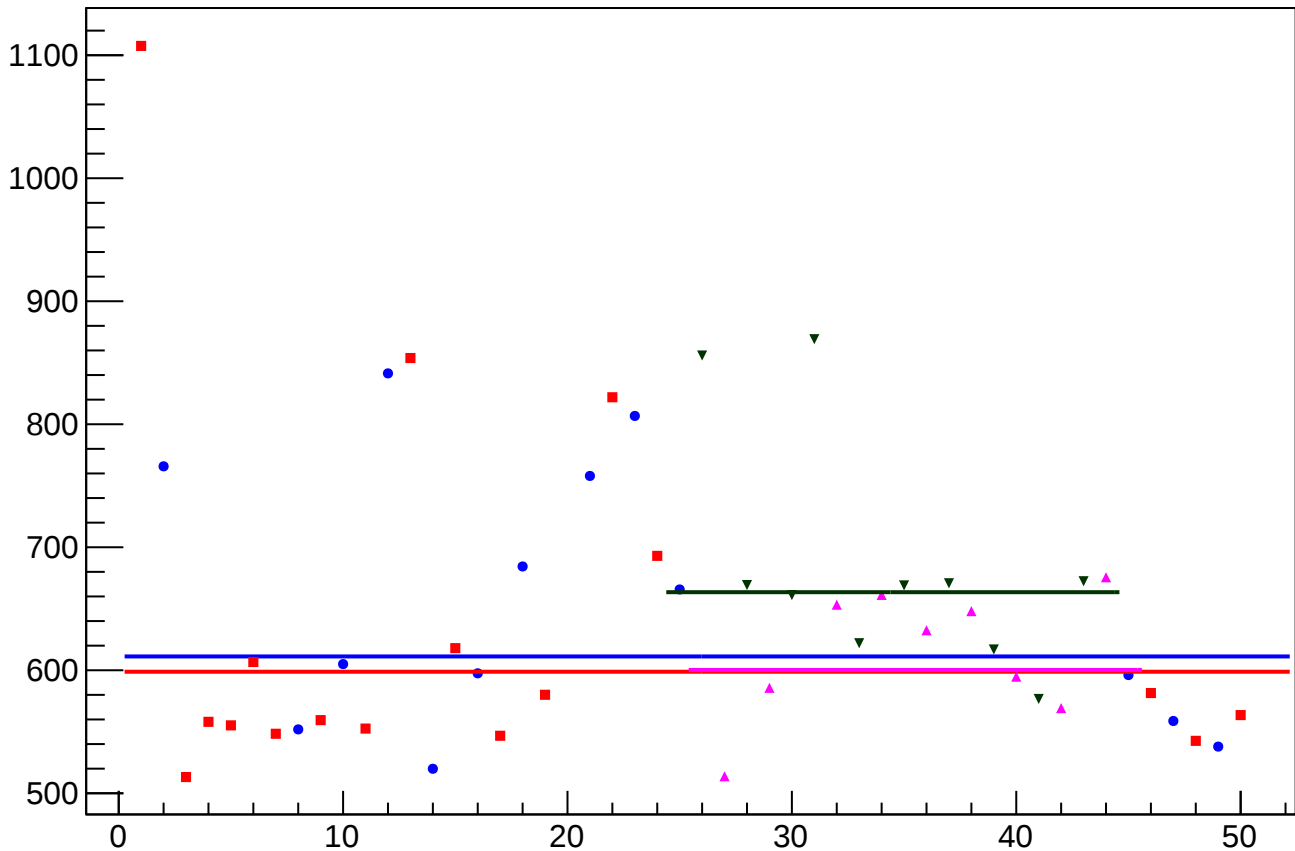
Left Out: 19.163 ± 292.256 $\chi^2/\text{NDF}: 4.9/9$

Right Out: 637.309 ± 211.945 $\chi^2/\text{NDF}: 19.1/16$

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

169.269 ± 117.696 $\chi^2/\text{NDF}: 89.1/48$

asym_dsl_correction_rms vs slug



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

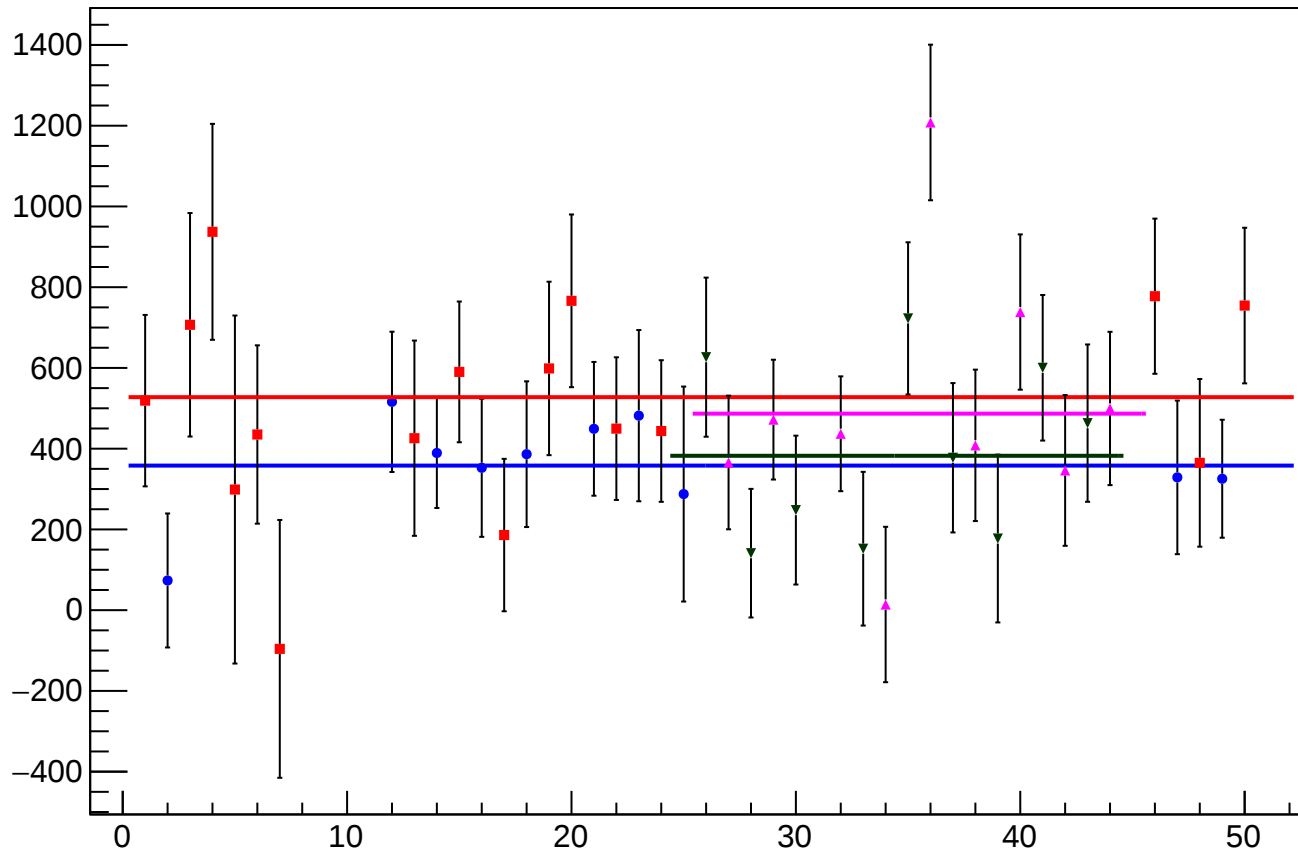
Left Out: 663.469+/-0.207 χ^2/NDF : 127083.8/9

613.530+/-0.083 χ^2/NDF : 1190175.5/48

Right Out: 598.799+/-0.150 χ^2/NDF : 489574.5/16

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

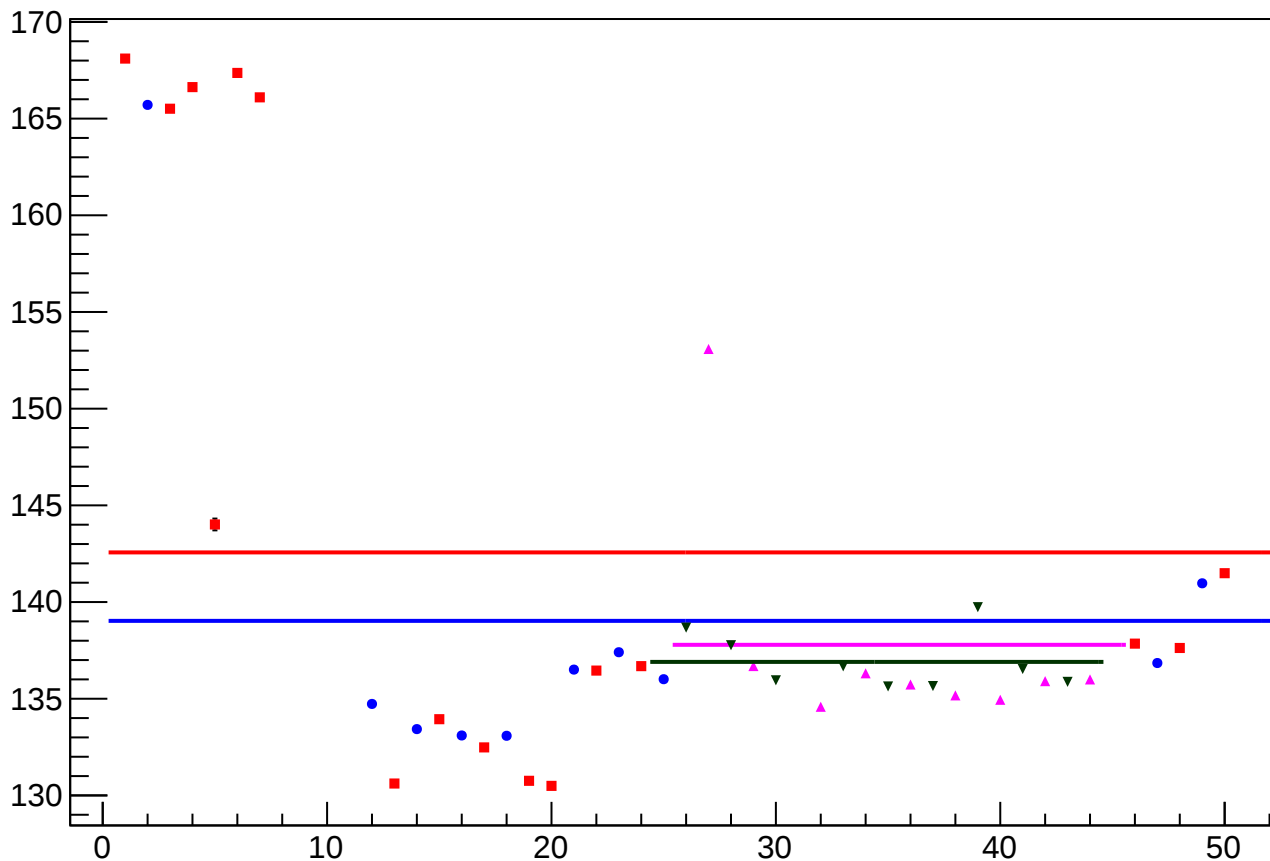
Left Out: 382.401 $\pm$ 62.041 χ^2 /NDF: 11.7/8

Right Out: 527.636 $\pm$ 53.588 χ^2 /NDF: 16.1/15

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

441.594 $\pm$ 28.390 χ^2 /NDF: 62.0/43

reg_asym_dsr_rms vs slug



Right In: 139.027 ± 0.039 $\chi^2/\text{NDF}: 62336.3/9$

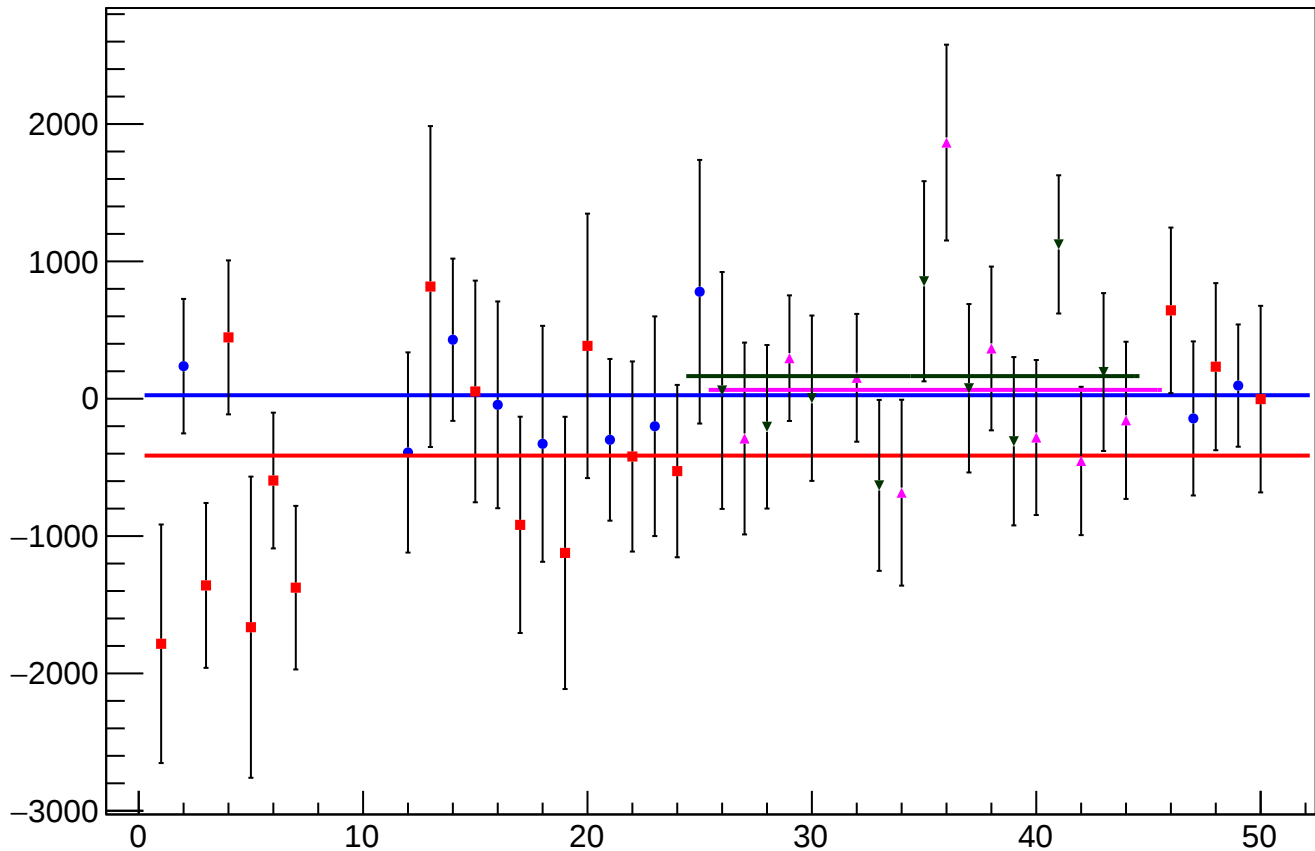
Left Out: 136.905 ± 0.044 $\chi^2/\text{NDF}: 893.7/8$

139.279 ± 0.020 $\chi^2/\text{NDF}: 224701.8/43$

Right Out: 142.567 ± 0.038 $\chi^2/\text{NDF}: 129903.6/15$

Left In: 137.788 ± 0.041 $\chi^2/\text{NDF}: 19747.2/8$

asym_dsr_correction_mean vs slug



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

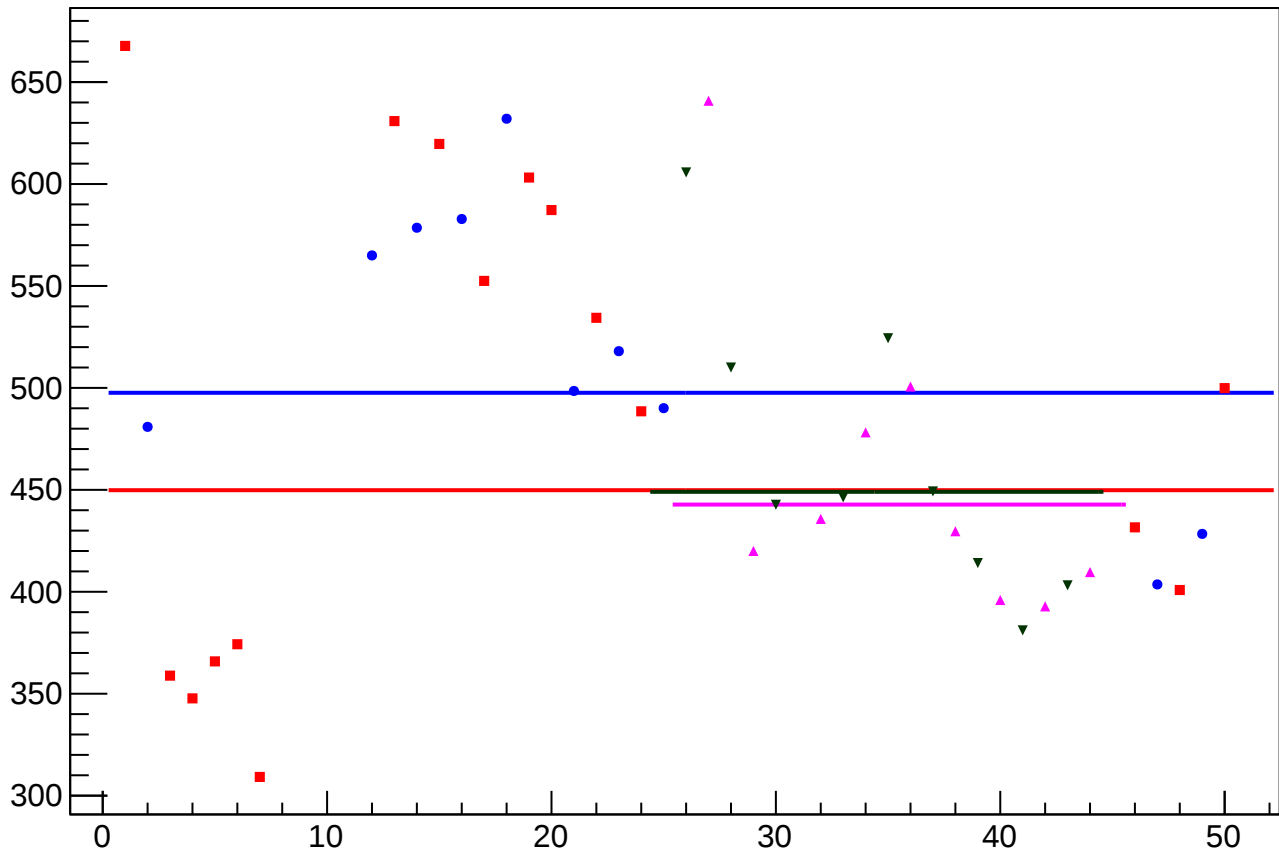
Left Out: 164.635 $\pm$ 205.449 χ^2 /NDF: 7.3/8

-66.848 $\pm$ 95.005 χ^2 /NDF: 44.4/43

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

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

asym_dsr_correction_rms vs slug



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

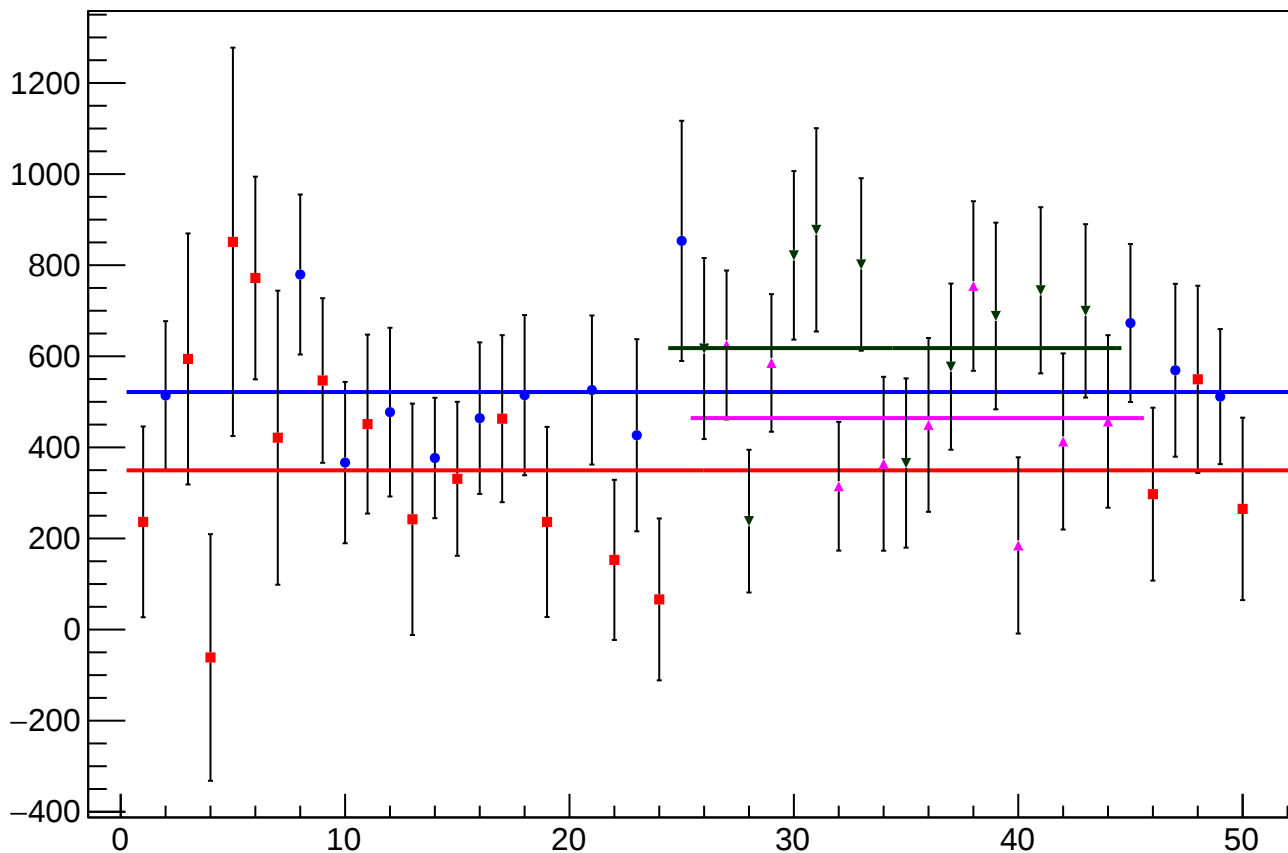
Left Out: 449.031+/-0.145 χ^2/NDF : 164300.9/8

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

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

458.998+/-0.067 χ^2/NDF : 1457903.8/43

reg_asym_left_avg_mean vs slug



Right In: 521.487 ± 47.813 $\chi^2/\text{NDF}: 6.9/12$

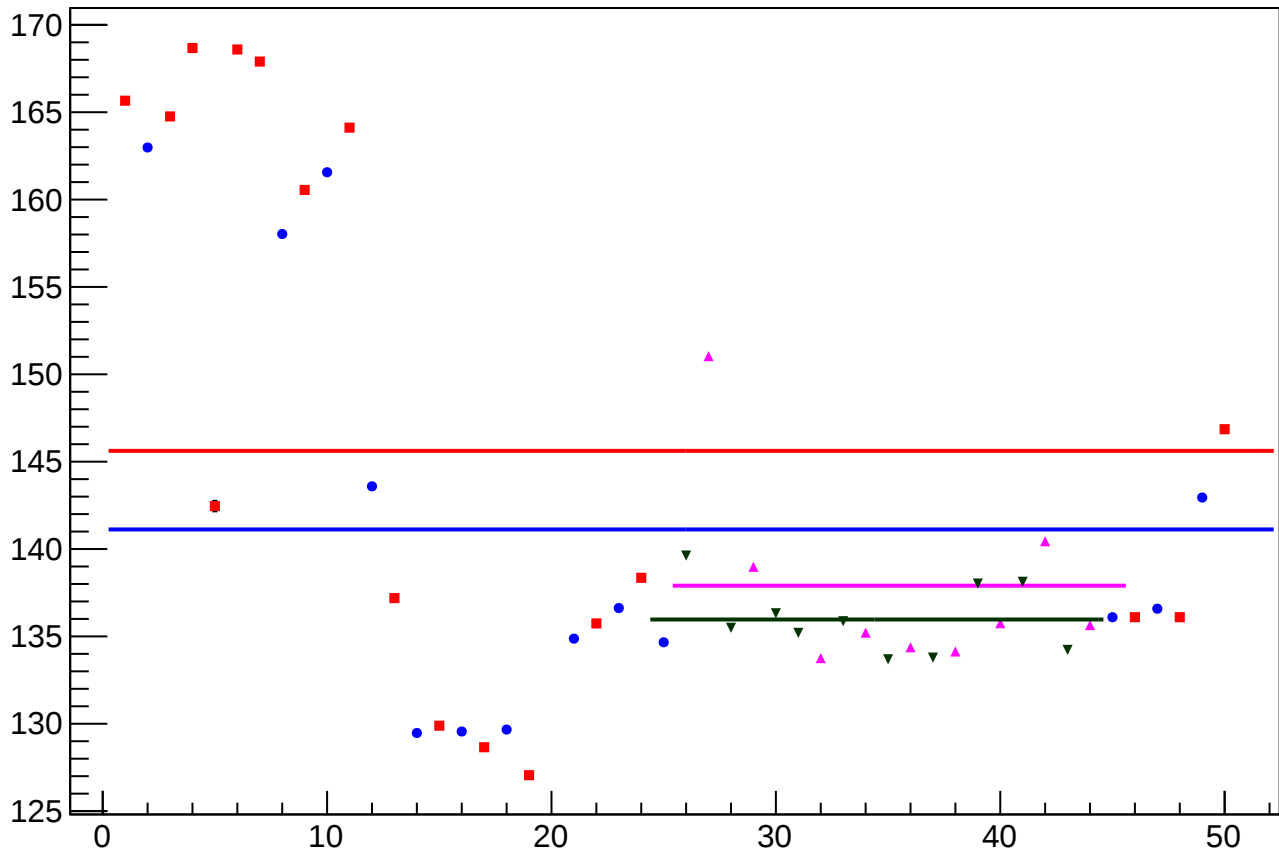
Left Out: 617.964 ± 59.362 $\chi^2/\text{NDF}: 12.1/9$

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

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

481.713 ± 26.700 $\chi^2/\text{NDF}: 55.1/48$

reg_asym_left_avg_rms vs slug



Right In: 141.122 $\pm$ 0.034 χ^2 /NDF: 123261.4/12

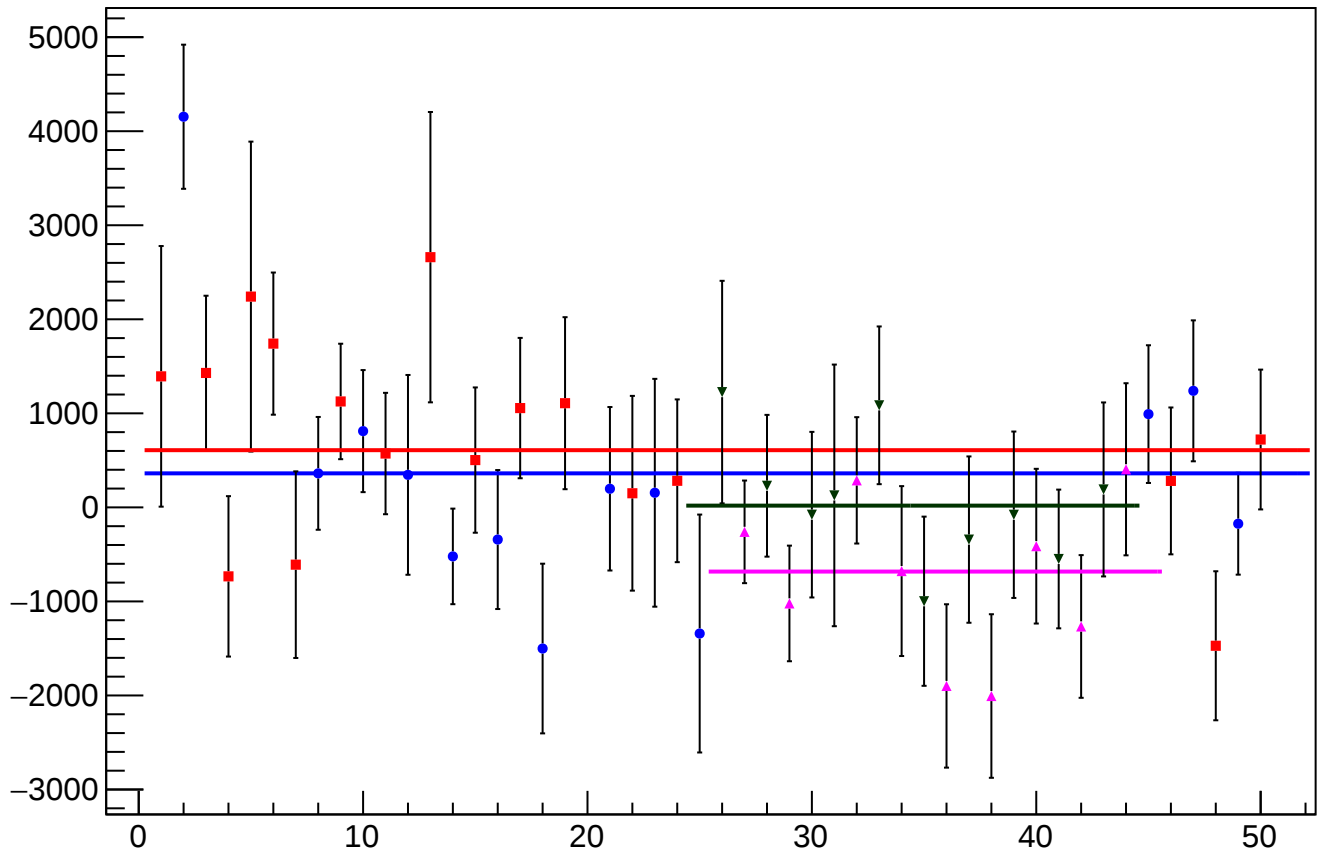
Left Out: 135.967 $\pm$ 0.042 χ^2 /NDF: 1963.3/9

140.633 $\pm$ 0.019 χ^2 /NDF: 355228.6/48

Right Out: 145.619 $\pm$ 0.036 χ^2 /NDF: 176357.1/16

Left In: 137.903 $\pm$ 0.041 χ^2 /NDF: 17512.3/8

asym_left_avg_correction_mean vs slug



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

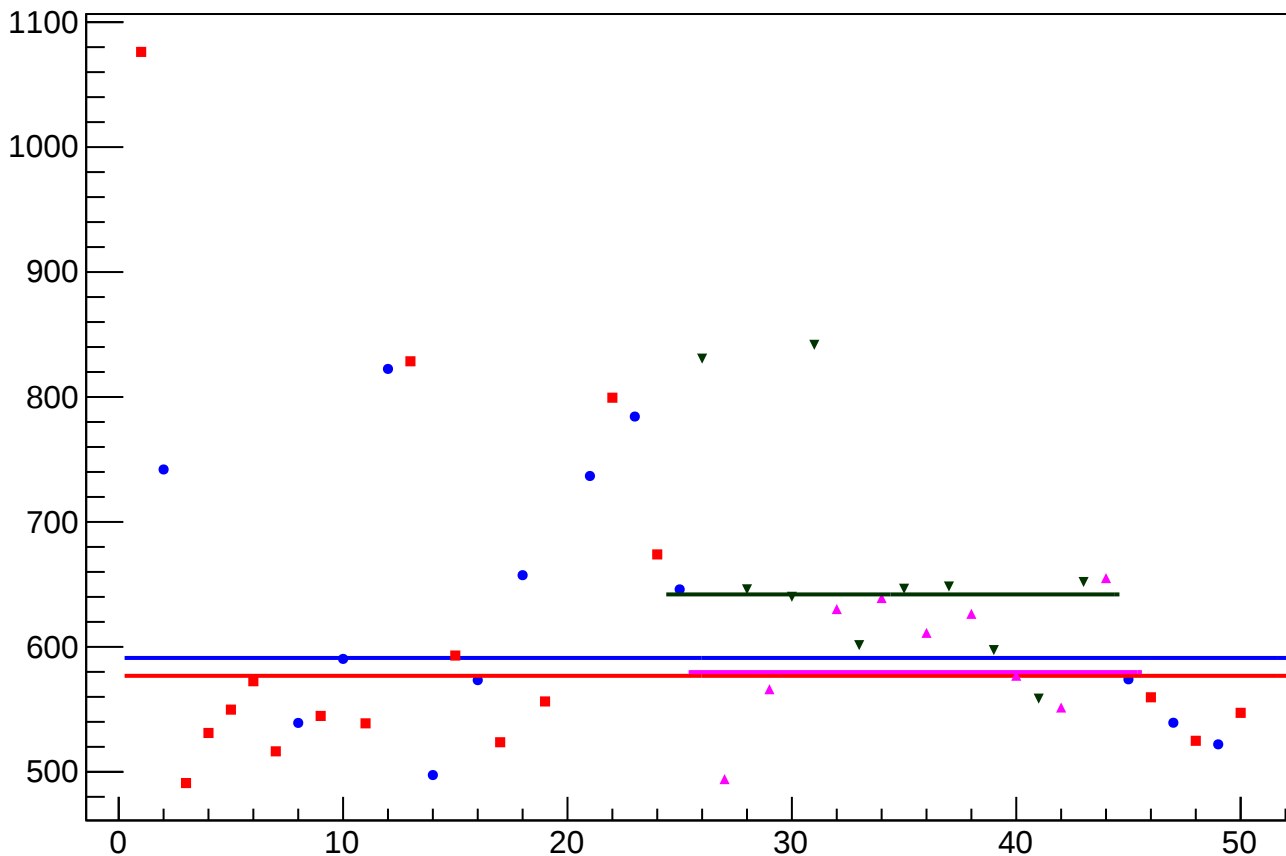
Left Out: 18.573 ± 282.811 $\chi^2/\text{NDF}: 4.8/9$

159.763 ± 113.714 $\chi^2/\text{NDF}: 89.2/48$

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

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

asym_left_avg_correction_rms vs slug



Right In: 591.161 $\pm$ 0.143 χ^2/NDF : 421387.3/12

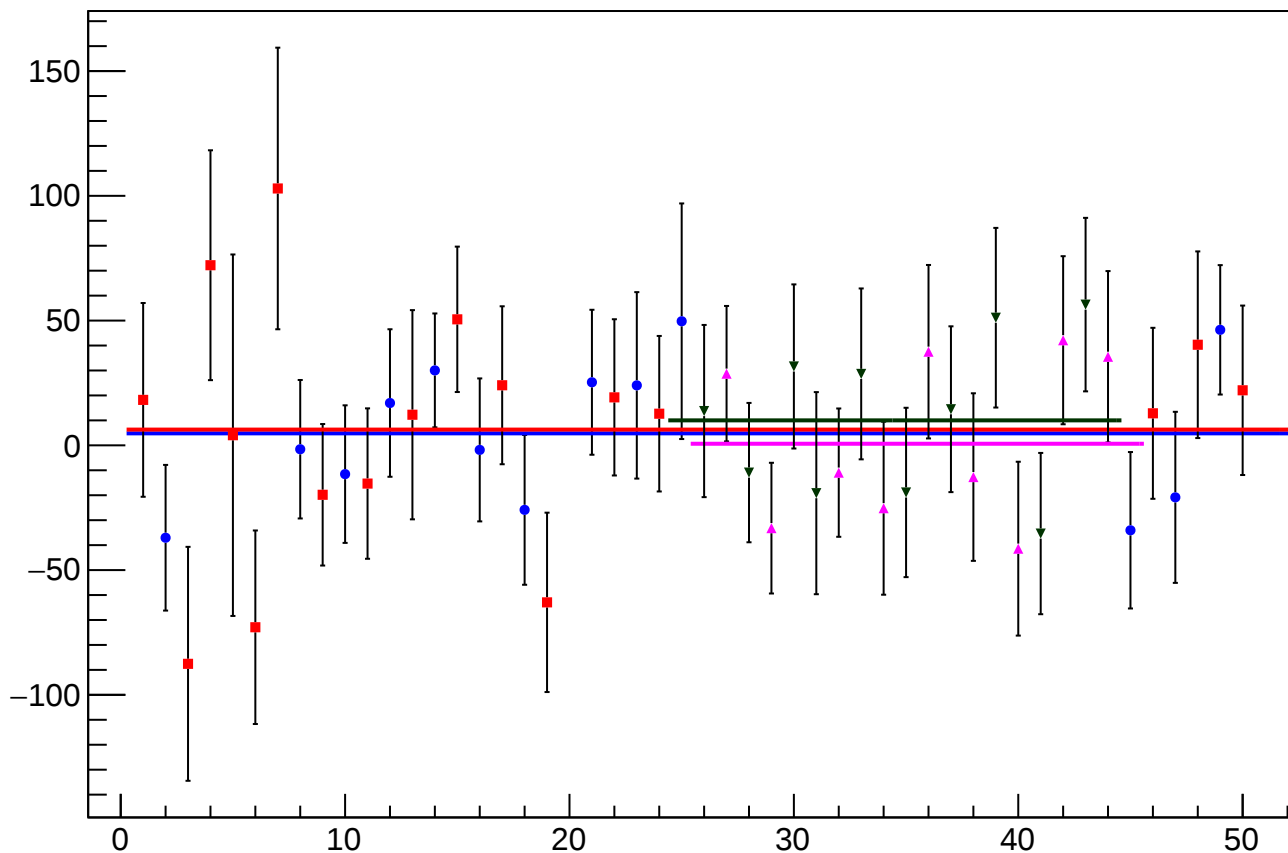
Left Out: 642.002 $\pm$ 0.200 χ^2/NDF :127900.5/9

Right Out: 576.847 $\pm$ 0.144 χ^2/NDF : 503356.7/16

Left In: 579.841 $\pm$ 0.174 χ^2/NDF :94876.2/8

592.529 $\pm$ 0.080 χ^2/NDF : 1225916.2/48

reg_asym_left_dd_mean vs slug



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

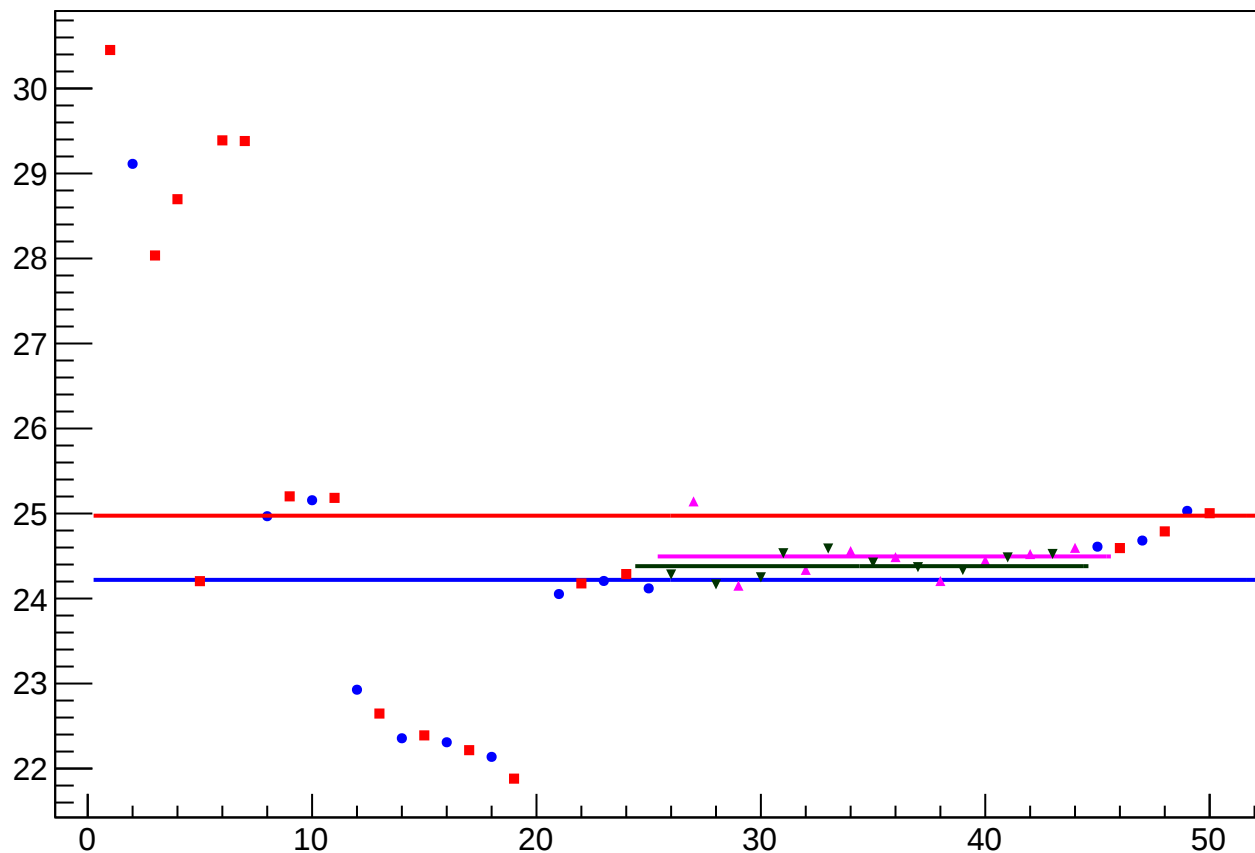
Left Out: 10.009 ± 10.637 χ^2/NDF : 7.6/9

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

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

5.375 ± 4.650 χ^2/NDF : 50.3/48

reg_asym_left_dd_rms vs slug



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

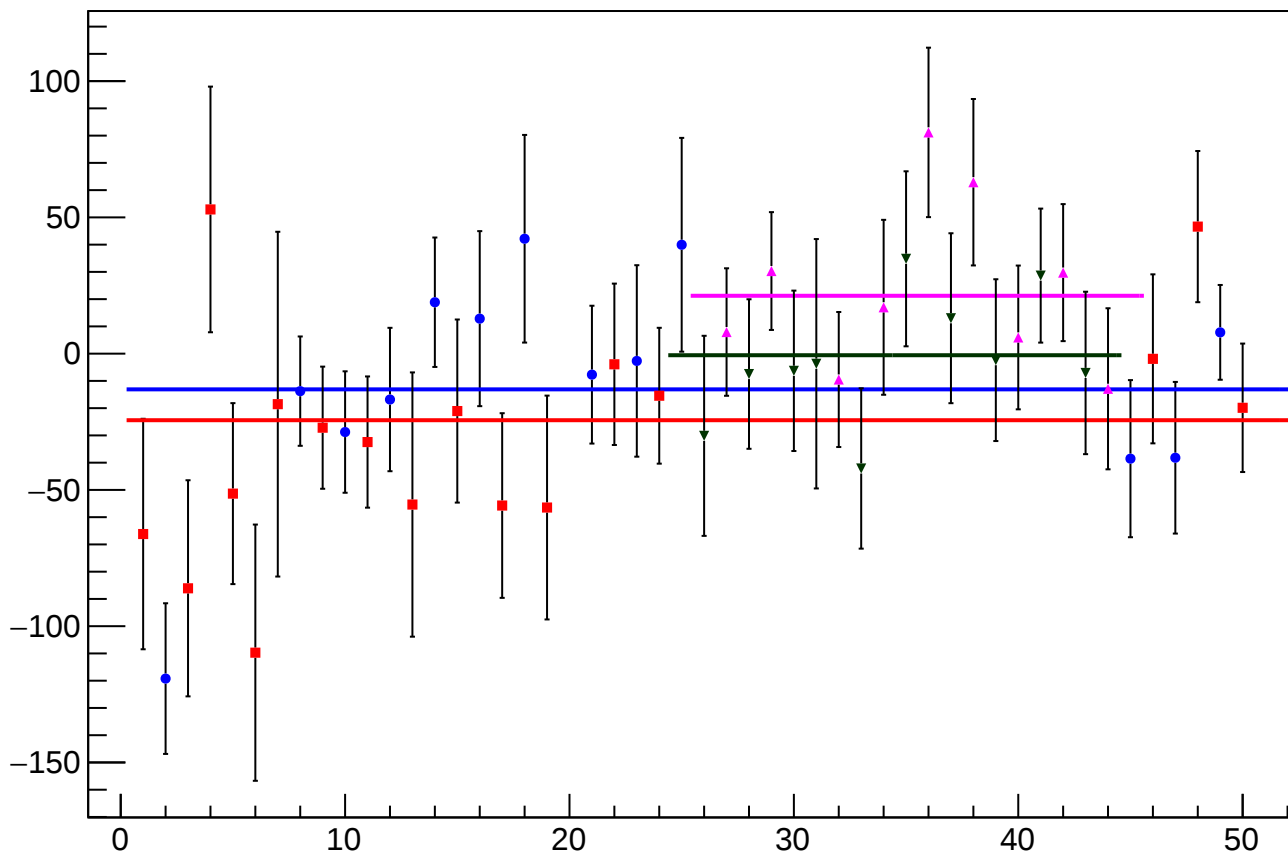
Left Out: 24.381 $\pm$ 0.008 χ^2 /NDF:328.3/9

Right Out: 24.975 $\pm$ 0.006 χ^2 /NDF: 154414.8/16

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

24.520 $\pm$ 0.003 χ^2 /NDF: 263283.6/48

asym_left_dd_correction_mean vs slug



Right In: -13.102 $\pm$ 7.159 χ^2 /NDF: 24.8/12

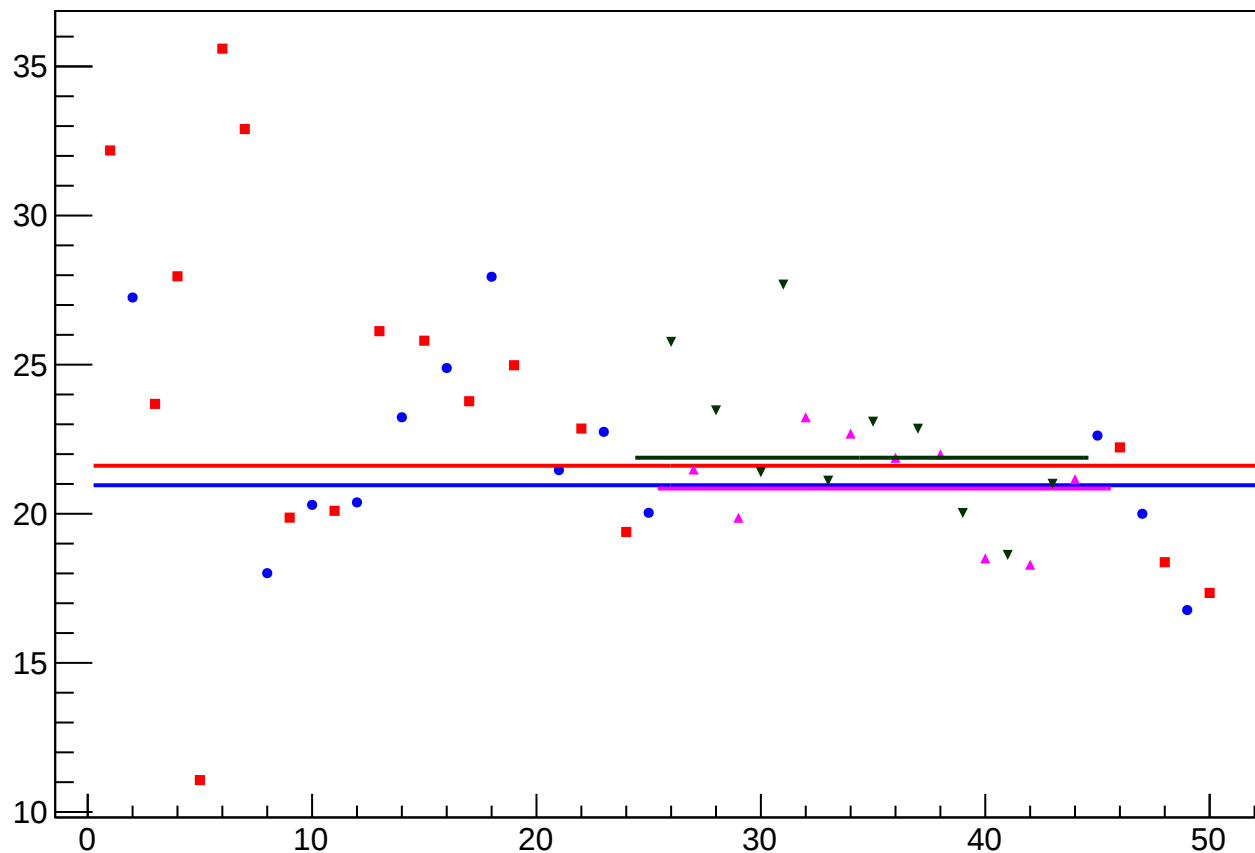
Left Out: -0.575 $\pm$ 9.634 χ^2 /NDF: 5.6/9

Right Out: -24.423 $\pm$ 7.743 χ^2 /NDF: 20.0/16

Left In: 21.238 $\pm$ 8.825 χ^2 /NDF: 9.4/8

-6.630 $\pm$ 4.089 χ^2 /NDF: 76.4/48

asym_left_dd_correction_rms vs slug



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

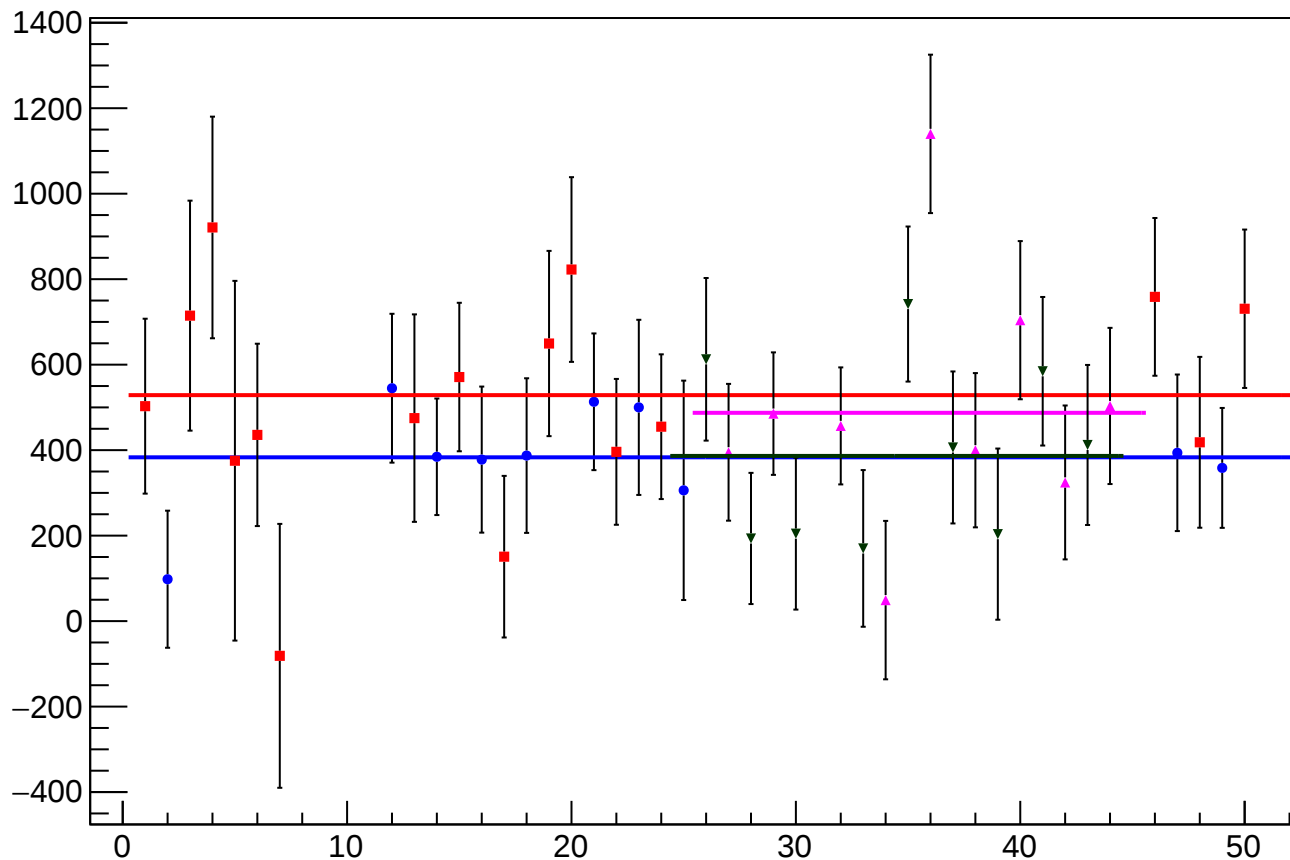
Left Out: 21.880+/-0.007 χ^2/NDF : 112645.4/9

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

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

21.282+/-0.003 χ^2/NDF : 1418155.0/48

reg_asym_right_avg_mean vs slug



Right In: 383.214 $\pm$ 53.511 χ^2 /NDF: 5.1/9

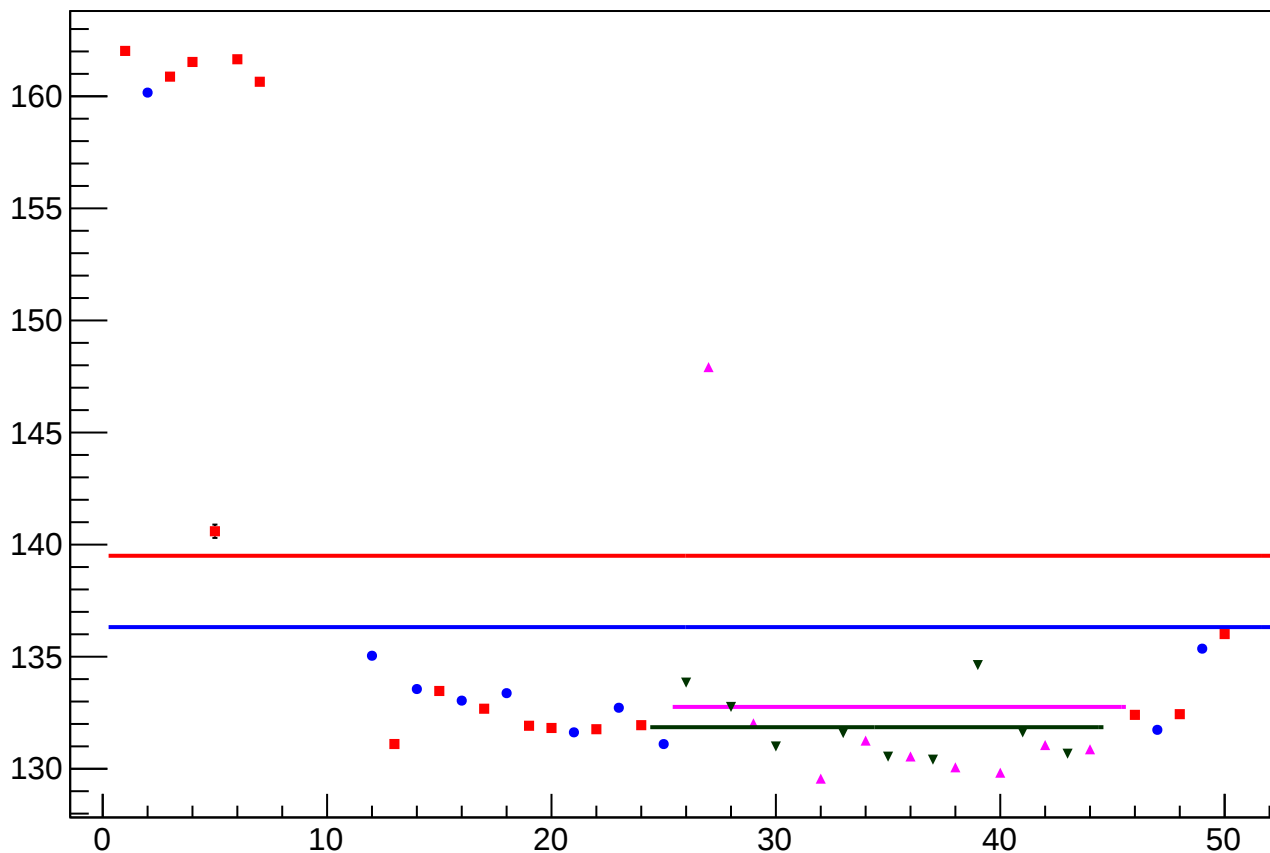
Left Out: 386.472 $\pm$ 59.748 χ^2 /NDF:11.4/8

Right Out: 528.701 $\pm$ 52.396 χ^2 /NDF: 17.1/15

Left In: 487.352 $\pm$ 55.895 χ^2 /NDF:20.8/8

449.622 $\pm$ 27.590 χ^2 /NDF: 59.9/43

reg_asym_right_avg_rms vs slug



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

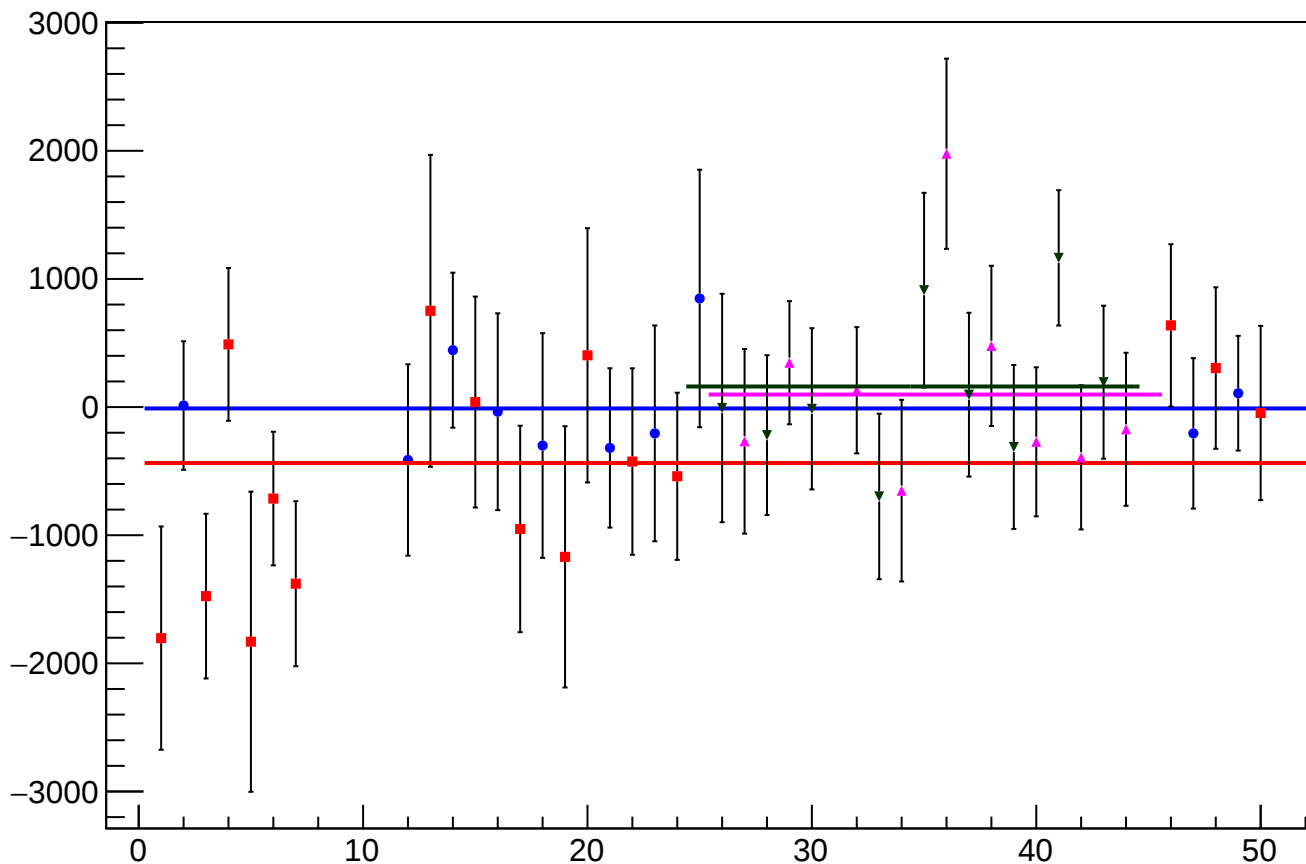
Left Out: 131.856+/-0.042 χ^2/NDF : 1042.7/8

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

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

135.383+/-0.020 χ^2/NDF : 206065.1/43

asym_right_avg_correction_mean vs slug



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

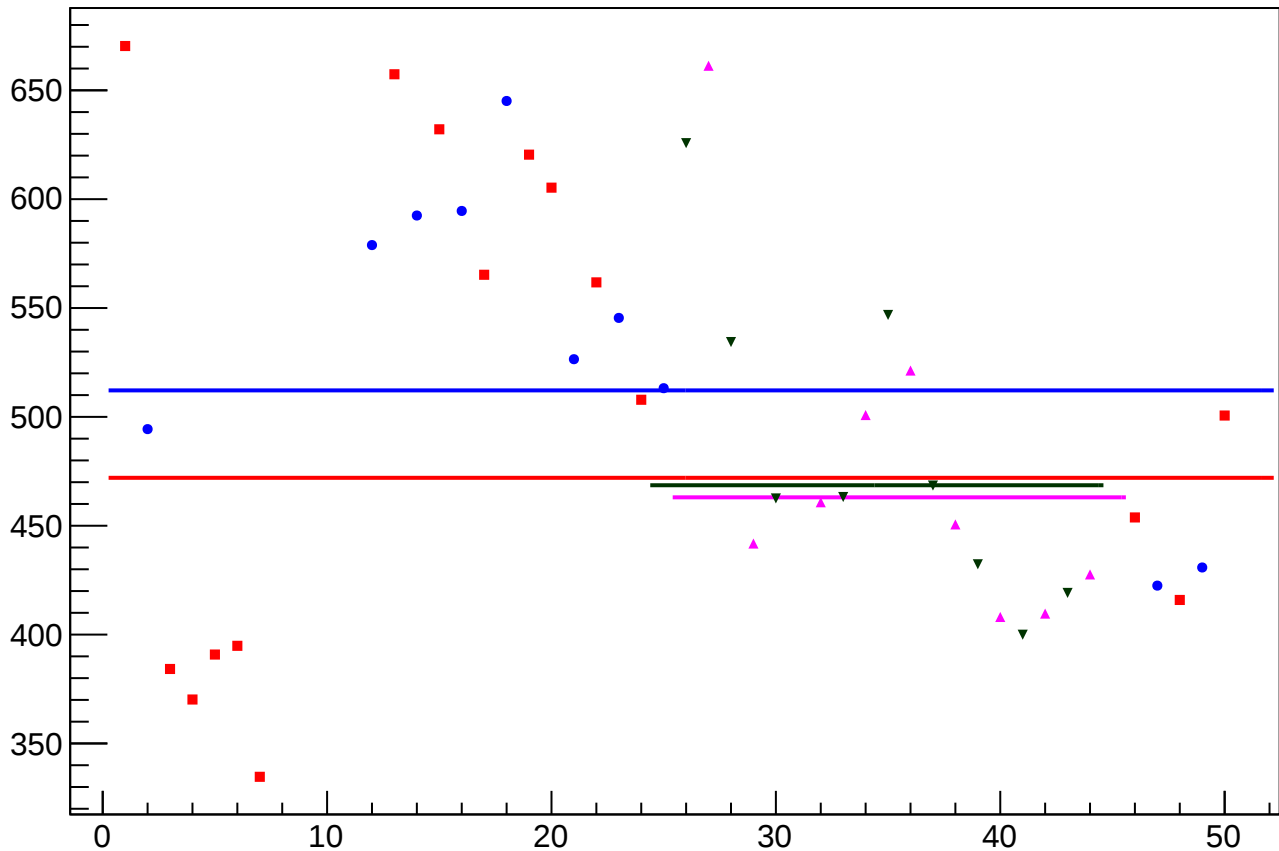
Left Out: 160.700 ± 214.338 χ^2/NDF : 7.4/8

-73.687 ± 98.892 χ^2/NDF : 44.3/43

Right Out: -436.320 ± 181.222 χ^2/NDF : 18.9/15

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

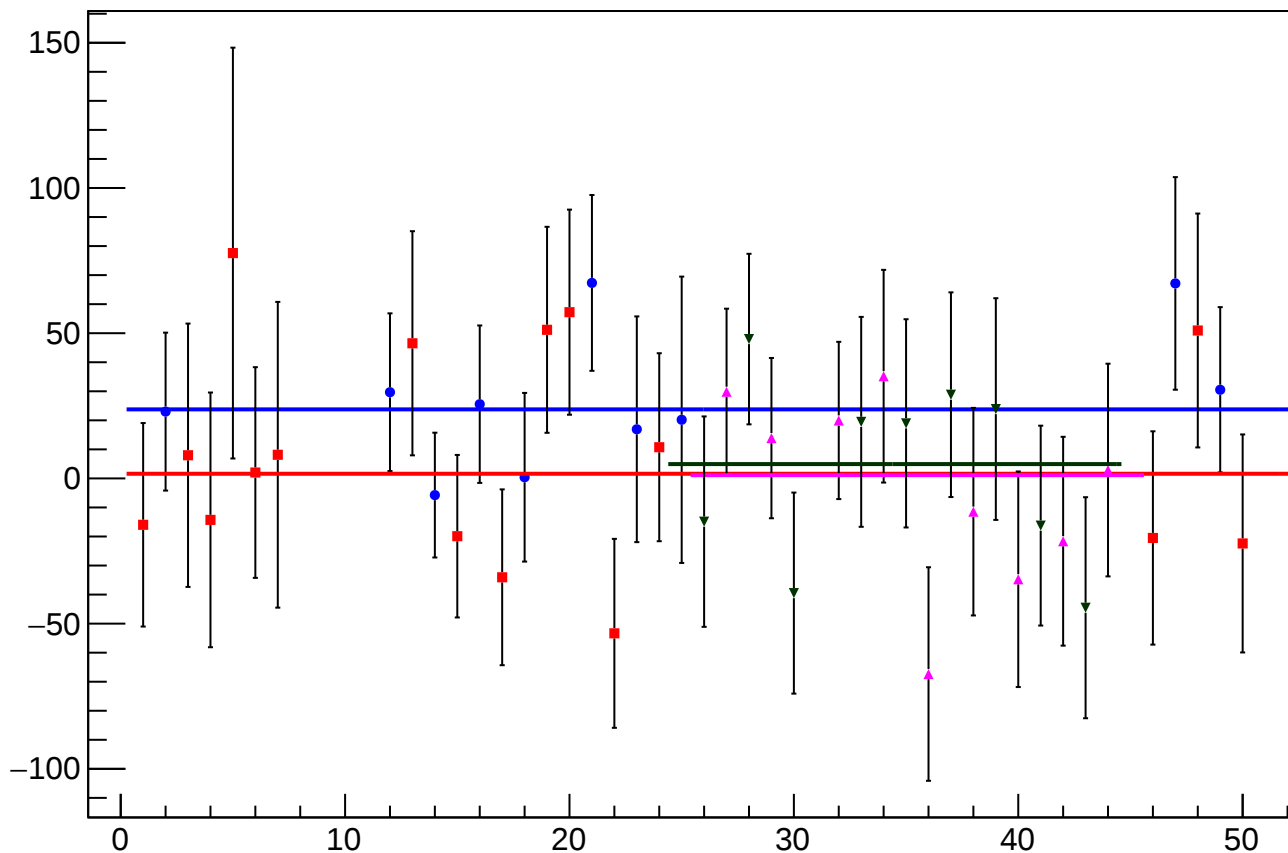
Left Out: 468.599+/-0.152 χ^2/NDF :159871.6/8

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

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

478.610+/-0.070 χ^2/NDF : 1319506.2/43

reg_asym_right_dd_mean vs slug



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

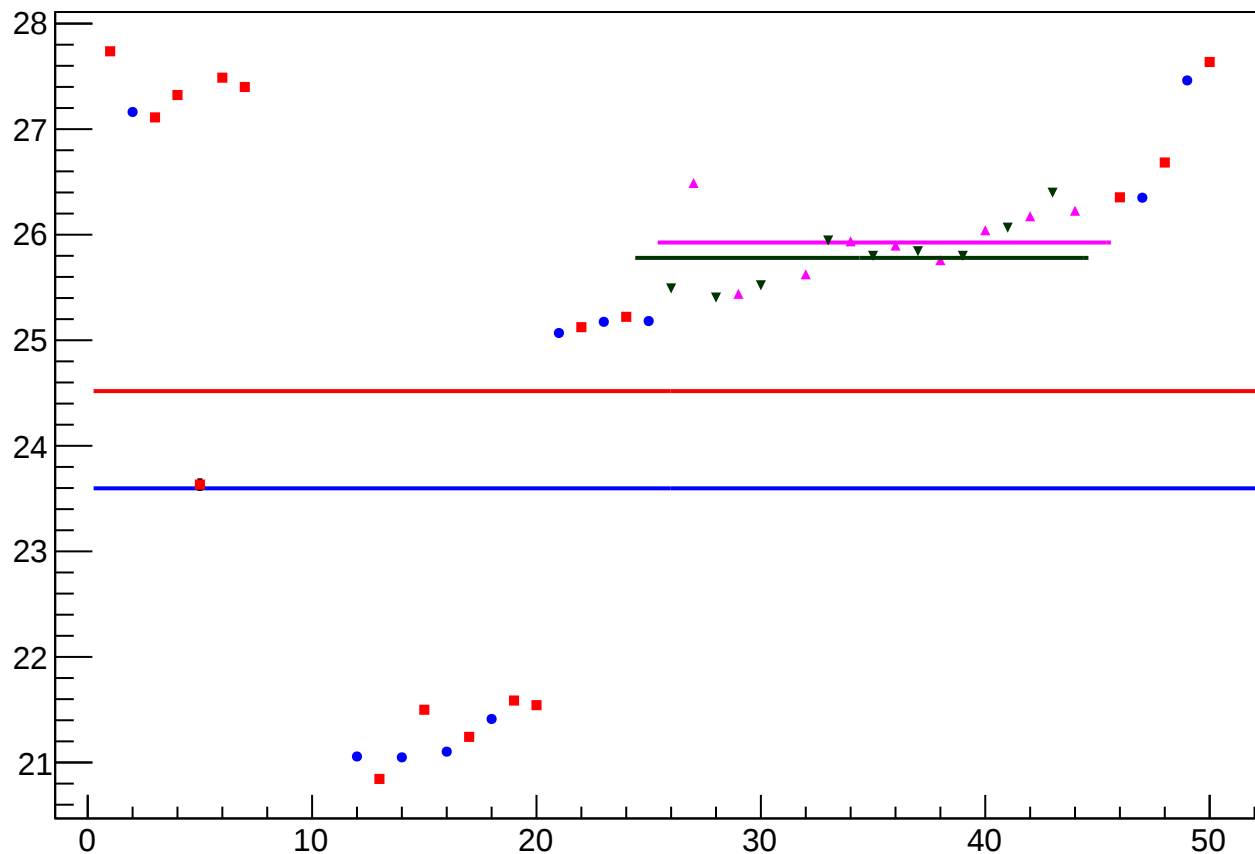
Left Out: 4.935 $\pm$ 11.682 χ^2 /NDF: 7.2/8

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

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

8.696 $\pm$ 5.060 χ^2 /NDF: 39.2/43

reg_asym_right_dd_rms vs slug



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

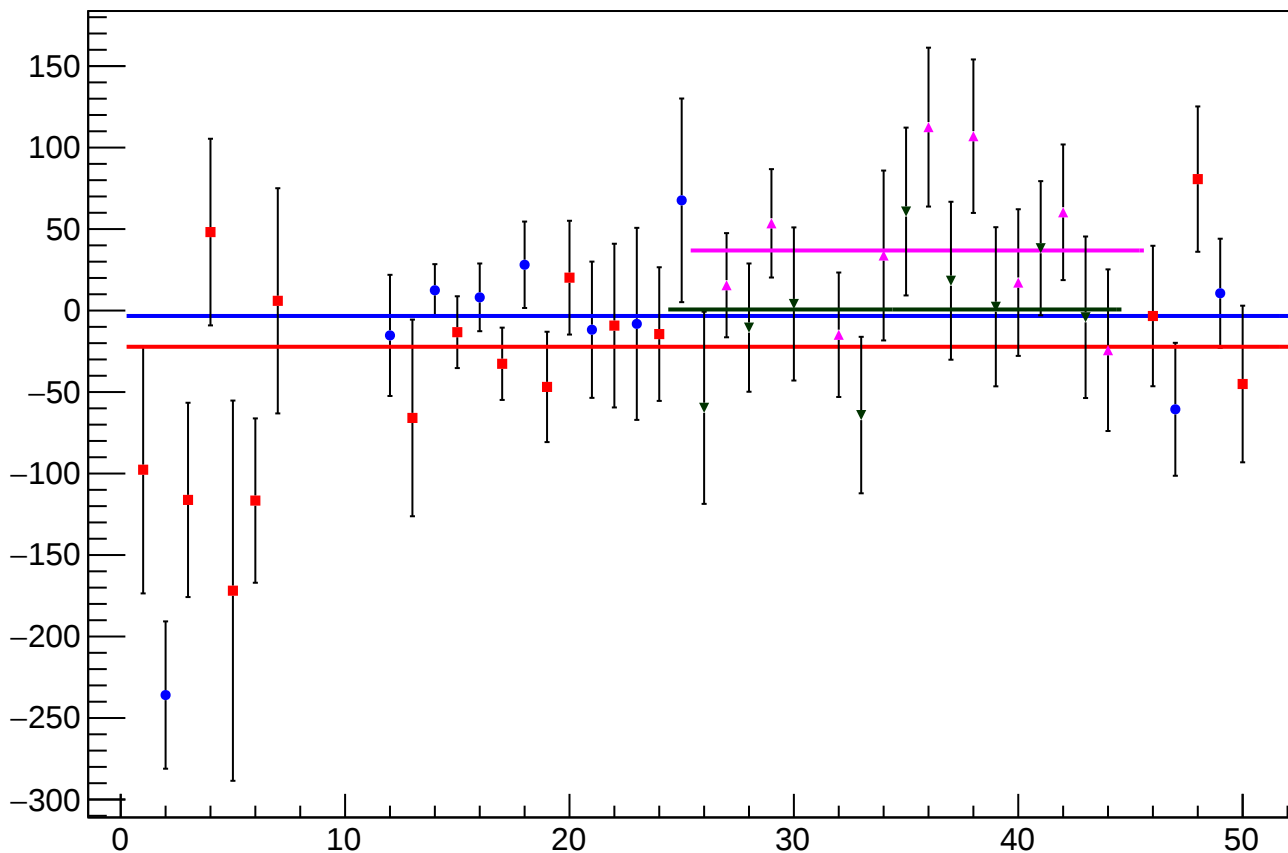
Left Out: 25.780 $\pm$ 0.008 χ^2 /NDF:1282.1/8

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

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

24.785 $\pm$ 0.004 χ^2 /NDF: 410808.0/43

asym_right_dd_correction_mean vs slug



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

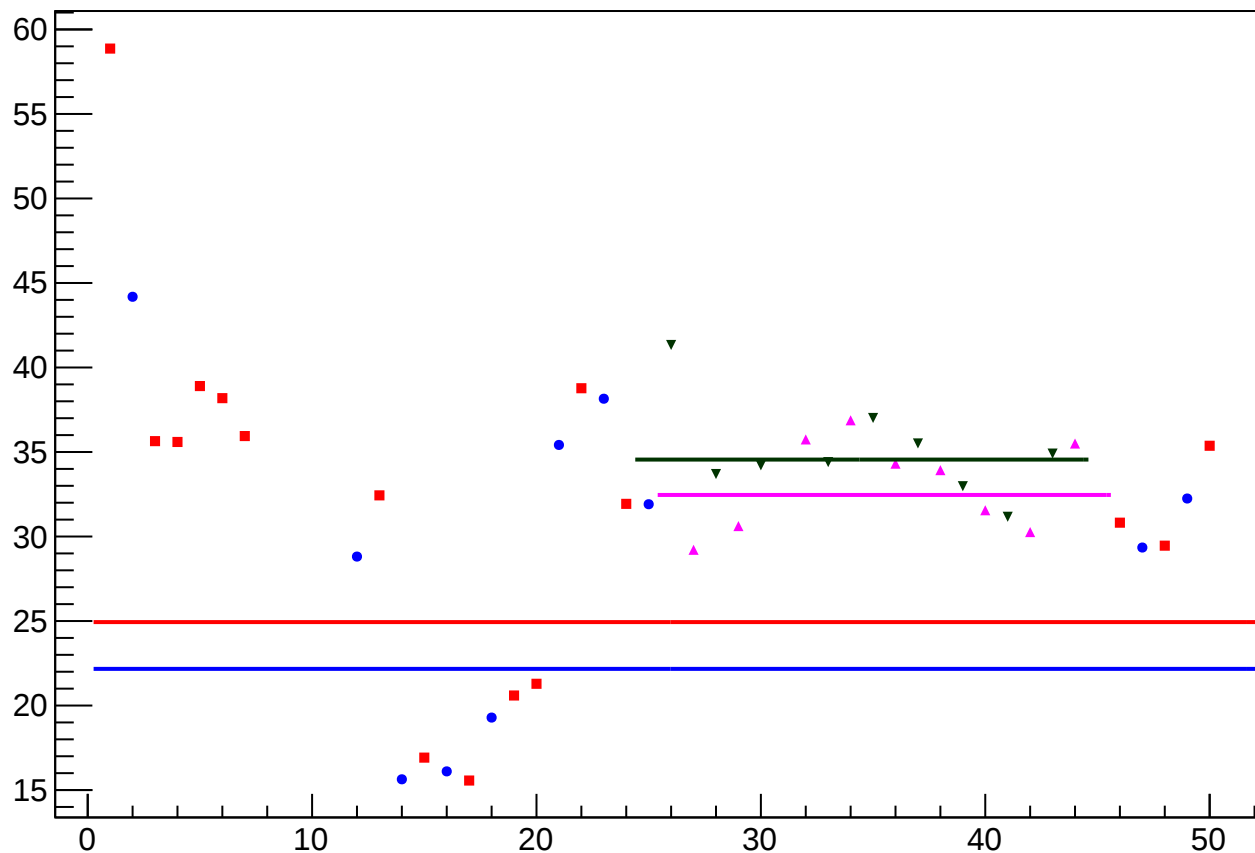
Left Out: 0.666 ± 15.731 χ^2/NDF : 5.3/8

Right Out: -22.215 ± 10.018 χ^2/NDF : 19.1/15

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

-2.007 ± 5.703 χ^2/NDF : 78.4/43

asym_right_dd_correction_rms vs slug



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

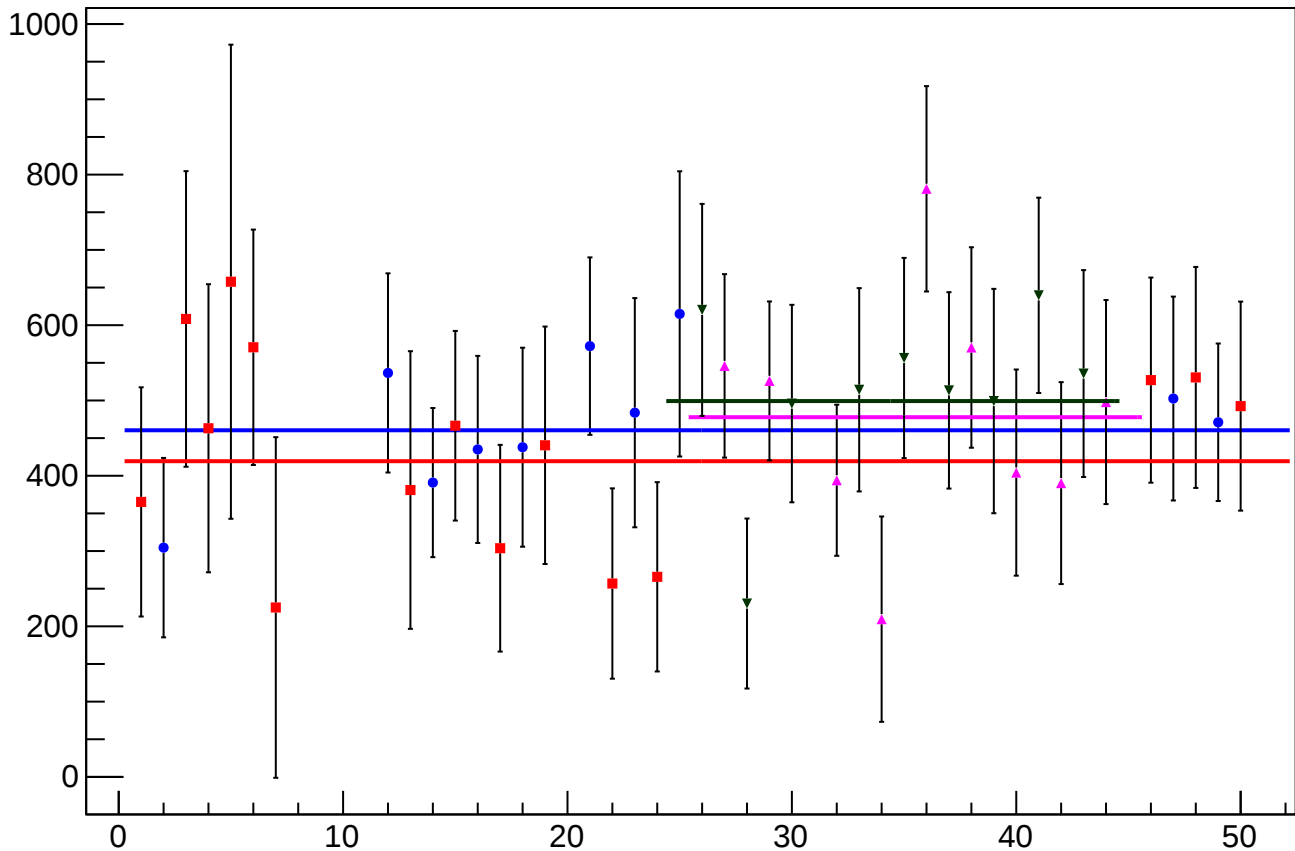
Left Out: 34.552+/-0.011 χ^2/NDF : 48582.2/8

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

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

26.463+/-0.004 χ^2/NDF : 5027059.0/43

reg_asym_us_avg_mean vs slug



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

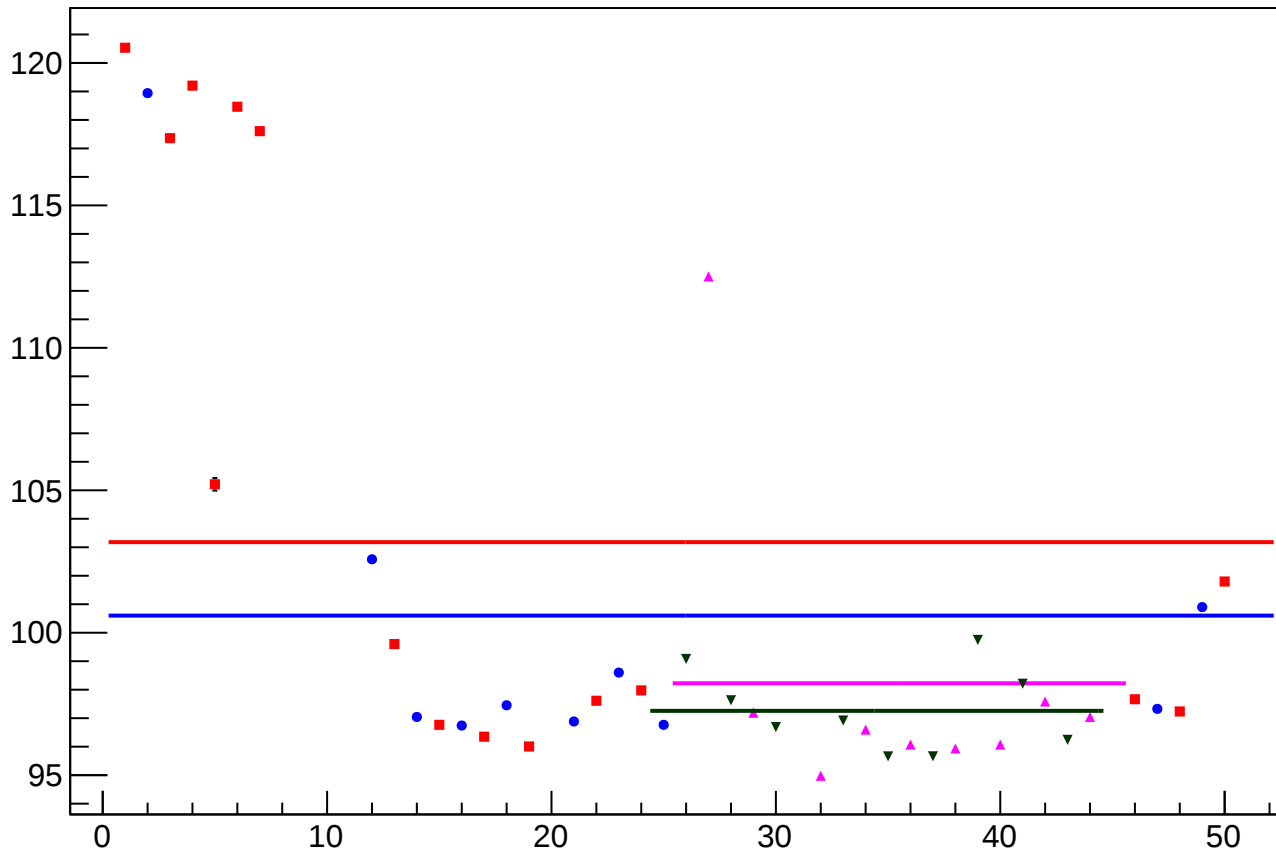
Left Out: 499.205 $\pm$ 44.079 χ^2 /NDF: 7.9/8

Right Out: 419.338 $\pm$ 39.818 χ^2 /NDF: 8.9/14

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

462.188 $\pm$ 20.543 χ^2 /NDF: 34.3/42

reg_asym_us_avg_rms vs slug



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

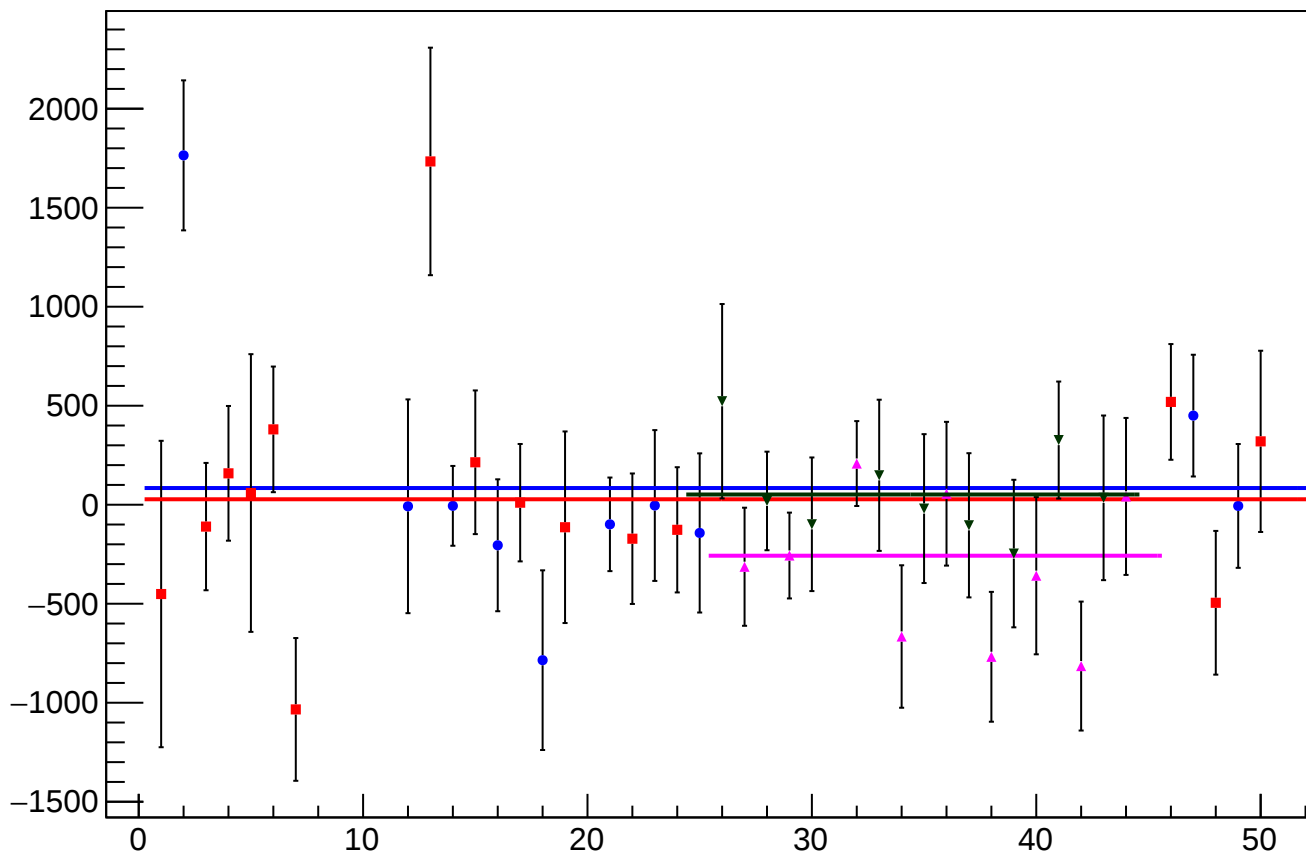
Left Out: 97.257+/-0.031 χ^2/NDF : 1771.7/8

99.976+/-0.015 χ^2/NDF : 222913.5/42

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

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

asym_us_avg_correction_mean vs slug



Right In: 84.289 $\pm$ 99.651 χ^2/NDF : 26.8/9

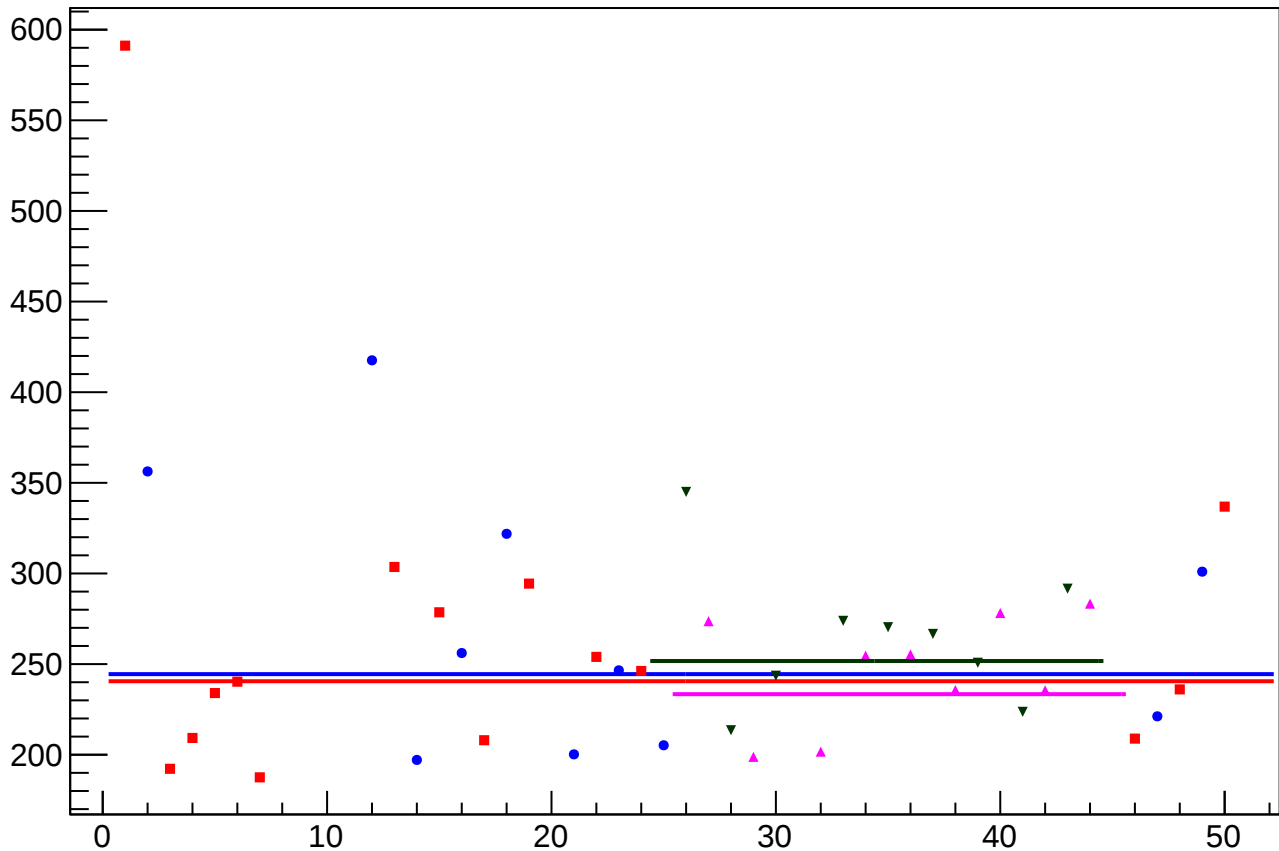
Left Out: 51.608 $\pm$ 115.473 χ^2/NDF : 2.9/8

Right Out: 27.541 $\pm$ 95.685 χ^2/NDF : 25.7/14

Left In: -257.473 $\pm$ 99.480 χ^2/NDF : 12.8/8

-27.594 $\pm$ 50.901 χ^2/NDF : 75.6/42

asym_us_avg_correction_rms vs slug



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

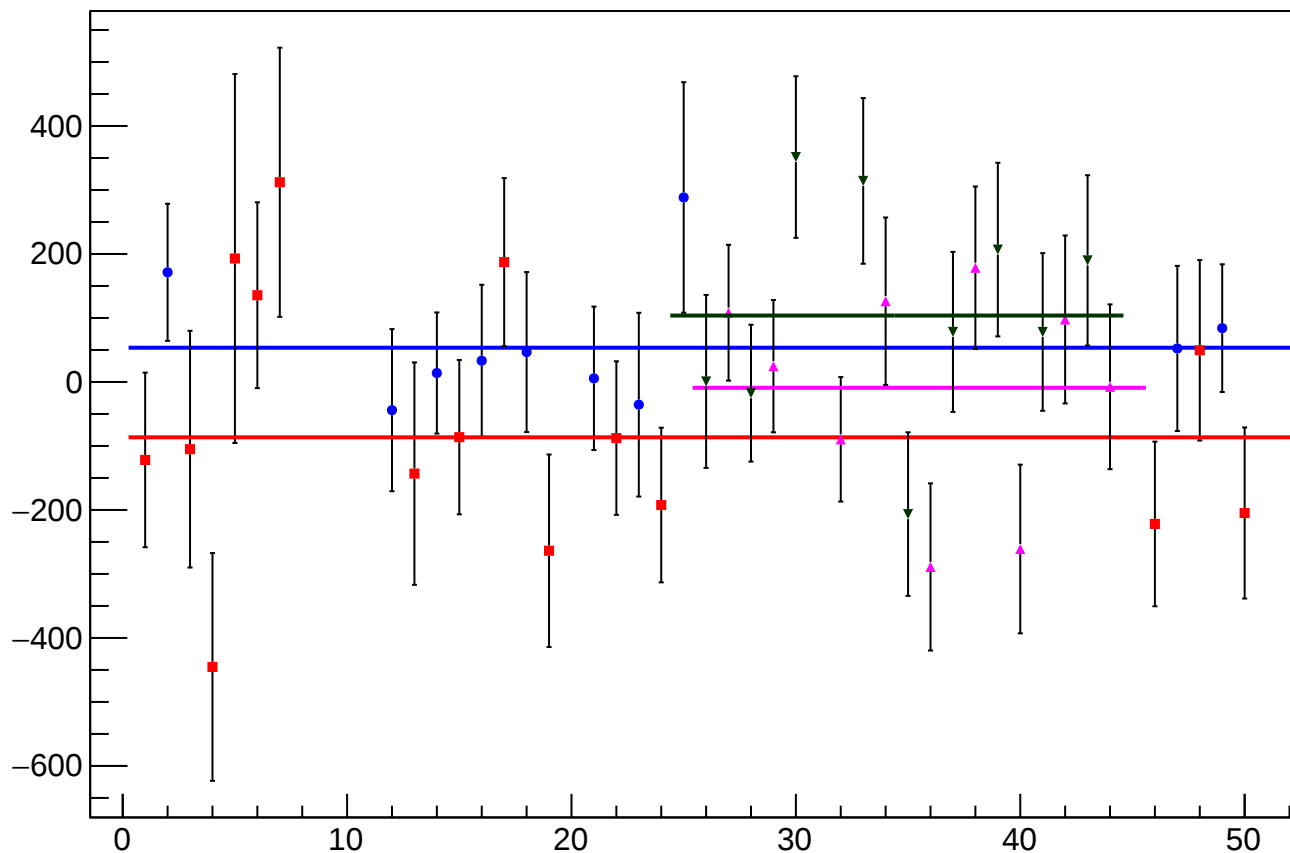
Left Out: 251.694+/-0.082 χ^2/NDF : 171994.2/8

241.867+/-0.036 χ^2/NDF : 1850034.4/42

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

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

reg_asym_us_dd_mean vs slug



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

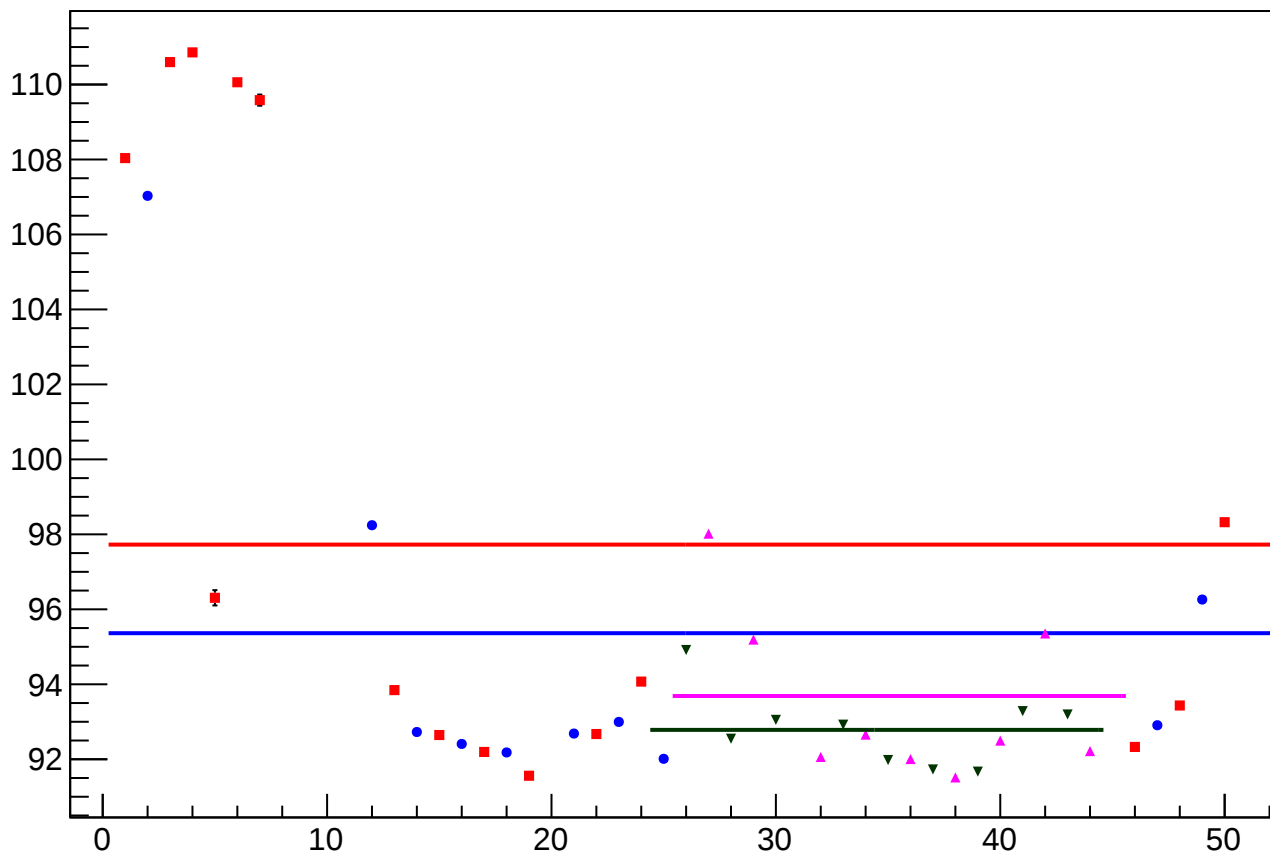
Left Out: 103.808+/-42.016 χ^2/NDF :15.3/8

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

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

11.508+/-19.498 χ^2/NDF : 67.4/42

reg_asym_us_dd_rms vs slug



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

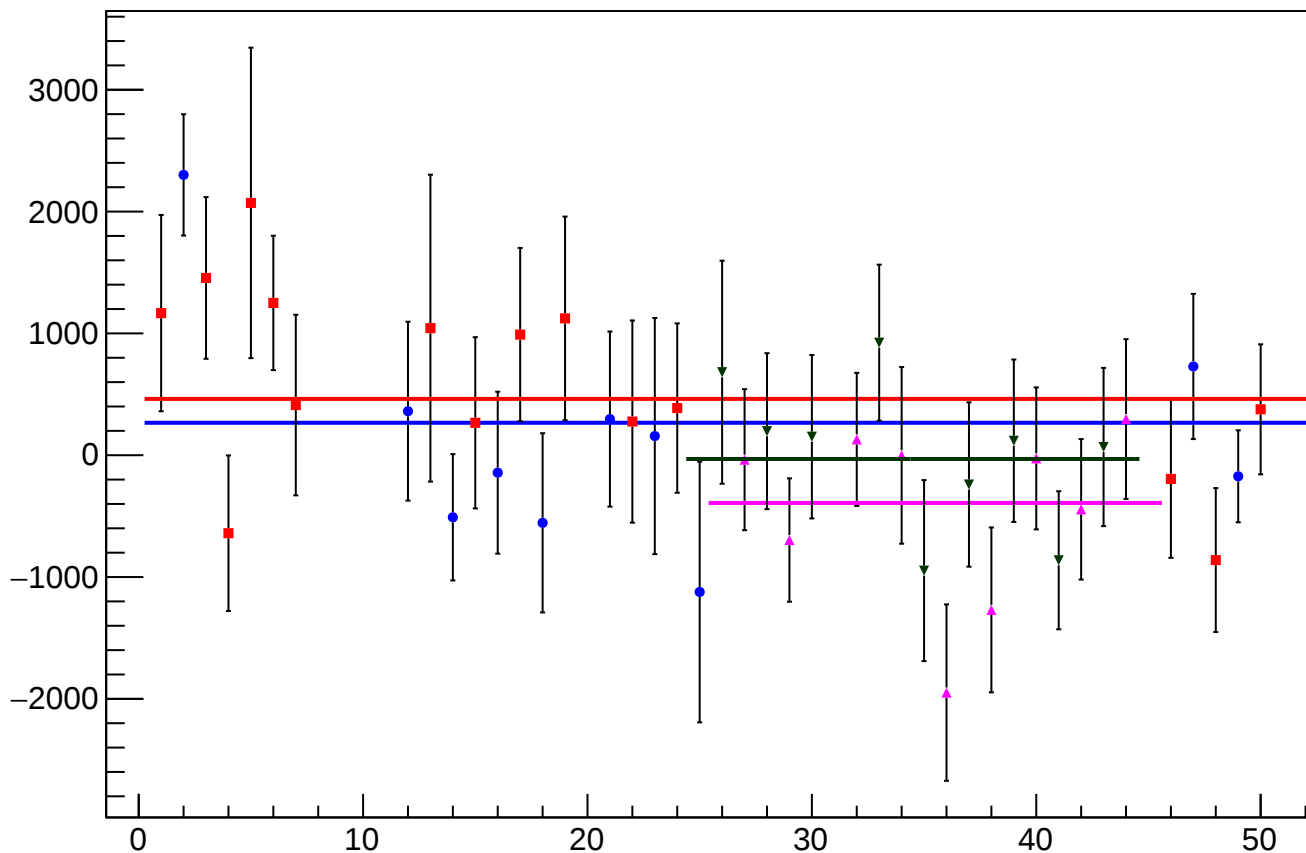
Left Out: 92.784+/-0.030 χ^2 /NDF: 926.8/8

95.032+/-0.014 χ^2 /NDF: 132668.1/42

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

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

asym_us_dd_correction_mean vs slug



Right In: 266.432 ± 190.964 $\chi^2/\text{NDF}: 24.2/9$

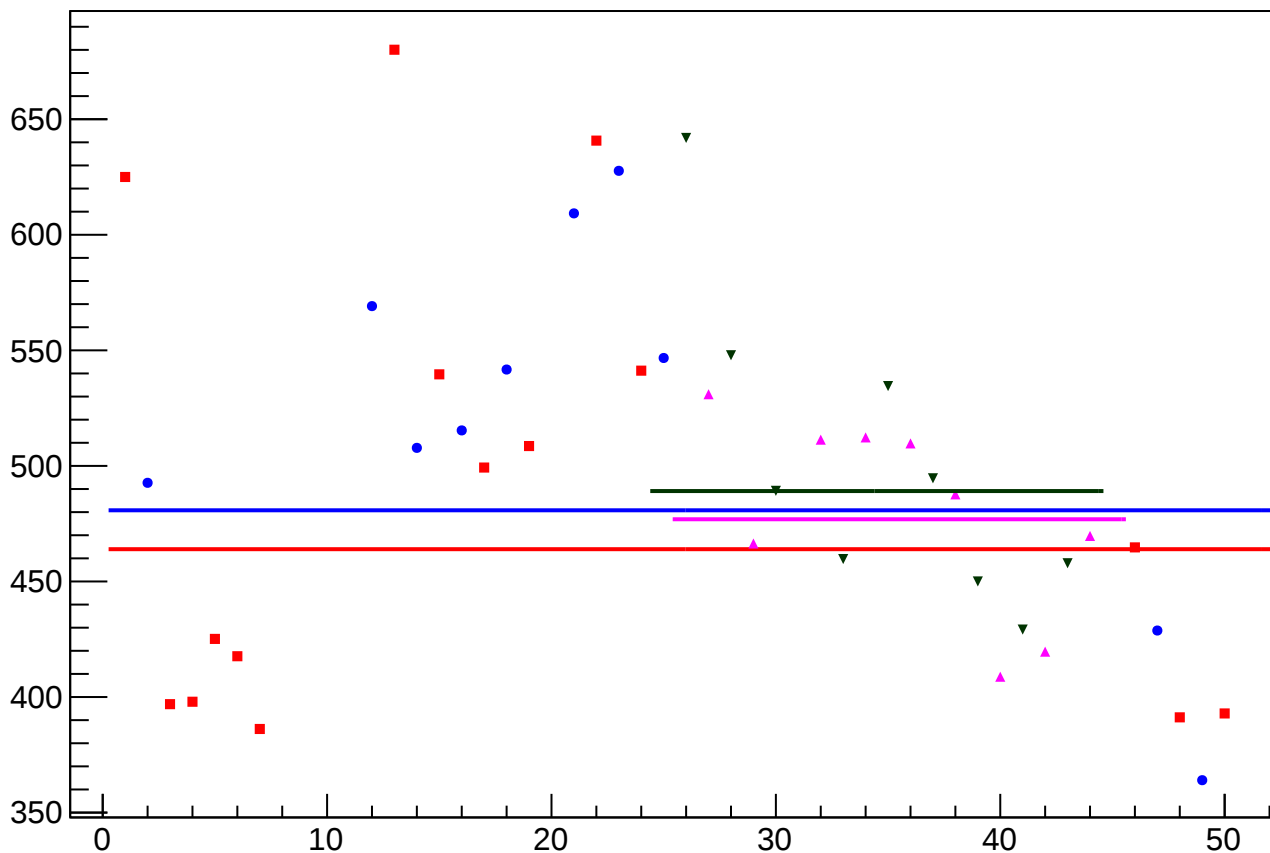
Left Out: -30.846 ± 223.404 $\chi^2/\text{NDF}: 6.9/8$

Right Out: 462.451 ± 181.611 $\chi^2/\text{NDF}: 17.2/14$

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

108.599 ± 98.878 $\chi^2/\text{NDF}: 69.1/42$

asym_us_dd_correction_rms vs slug



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

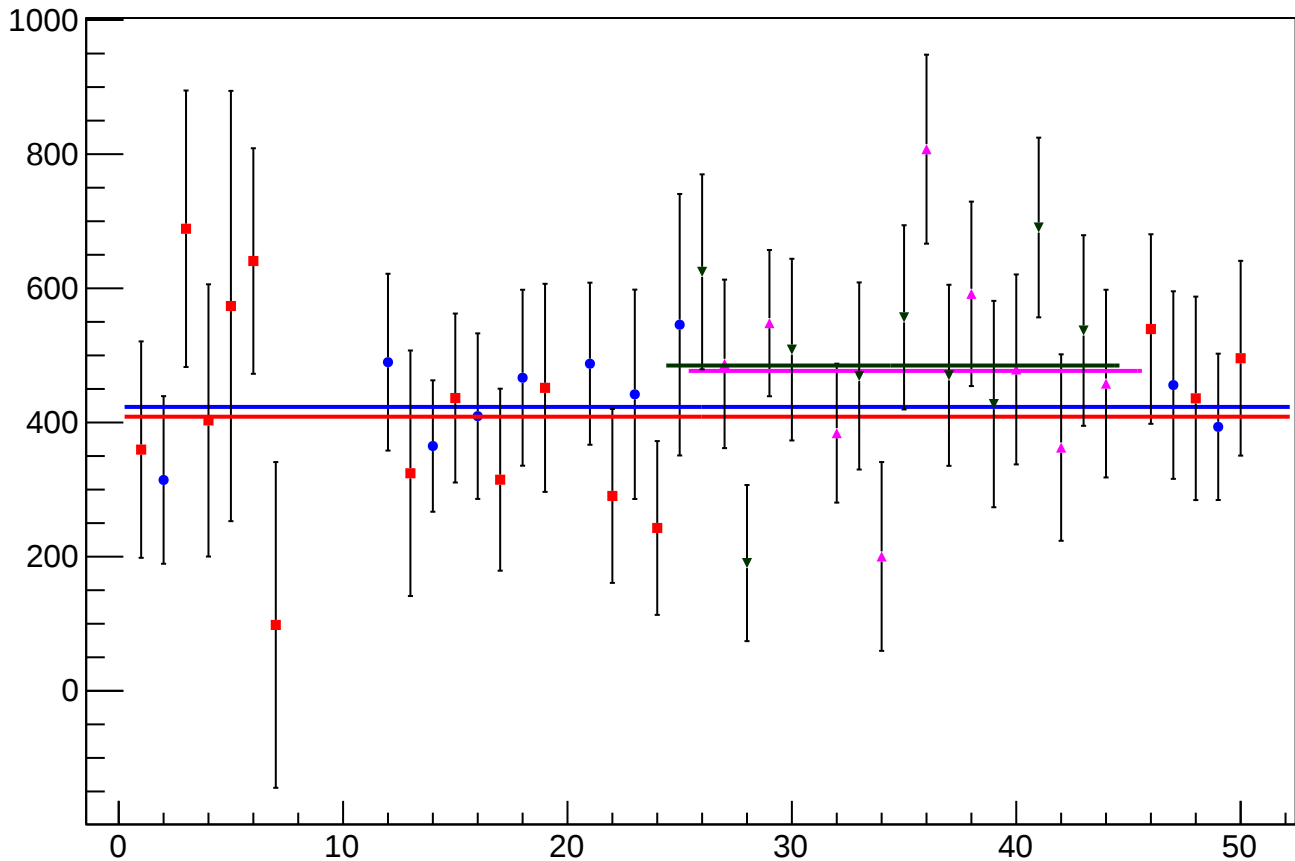
Left Out: 489.117 ± 0.158 χ^2/NDF : 118259.2/8

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

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

476.506 ± 0.070 χ^2/NDF : 1030191.4/42

reg_asym_ds_avg_mean vs slug



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

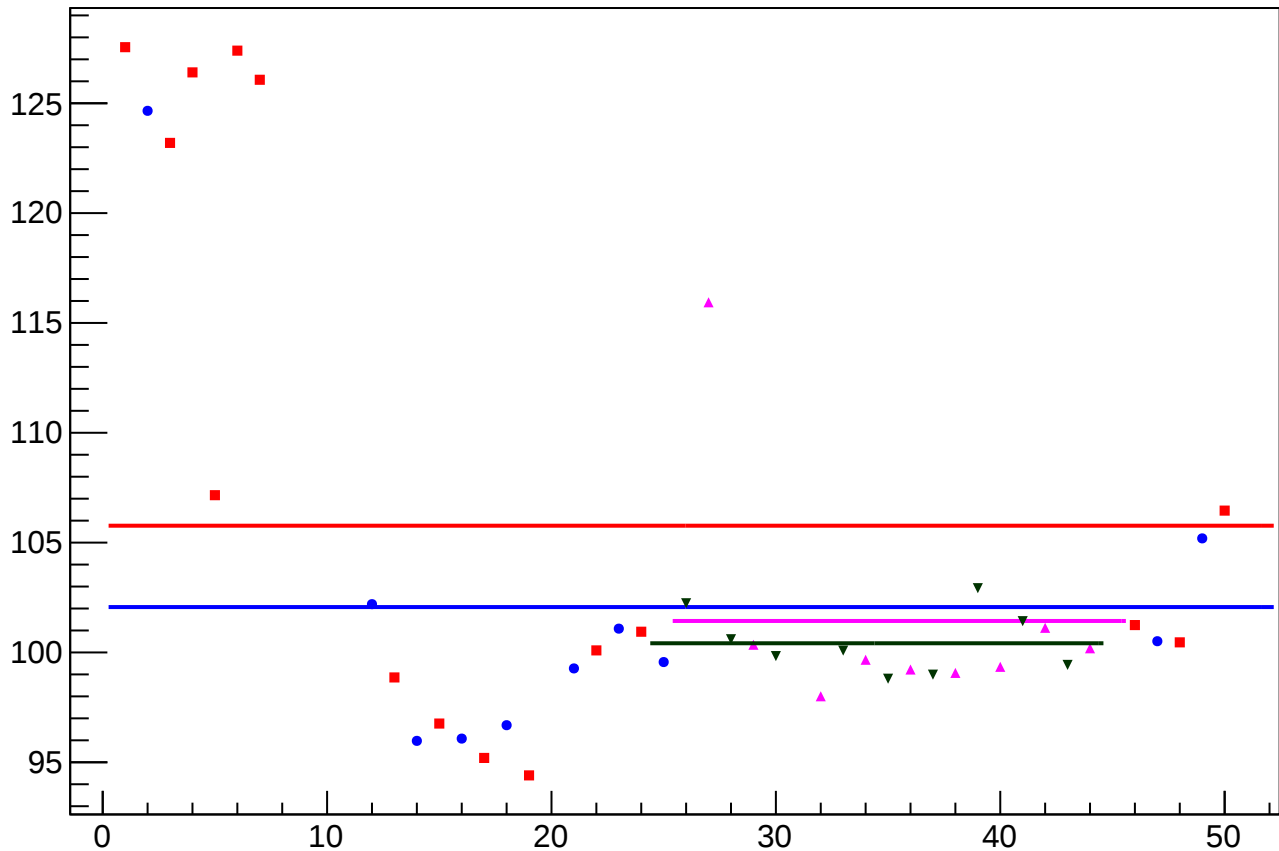
Left Out: 484.931 ± 45.520 χ^2/NDF : 10.3/8

Right Out: 408.654 ± 40.916 χ^2/NDF : 10.3/14

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

445.672 ± 21.091 χ^2/NDF : 37.3/42

reg_asym_ds_avg_rms vs slug



Right In: 102.066 ± 0.028 $\chi^2/\text{NDF}: 84565.1/9$

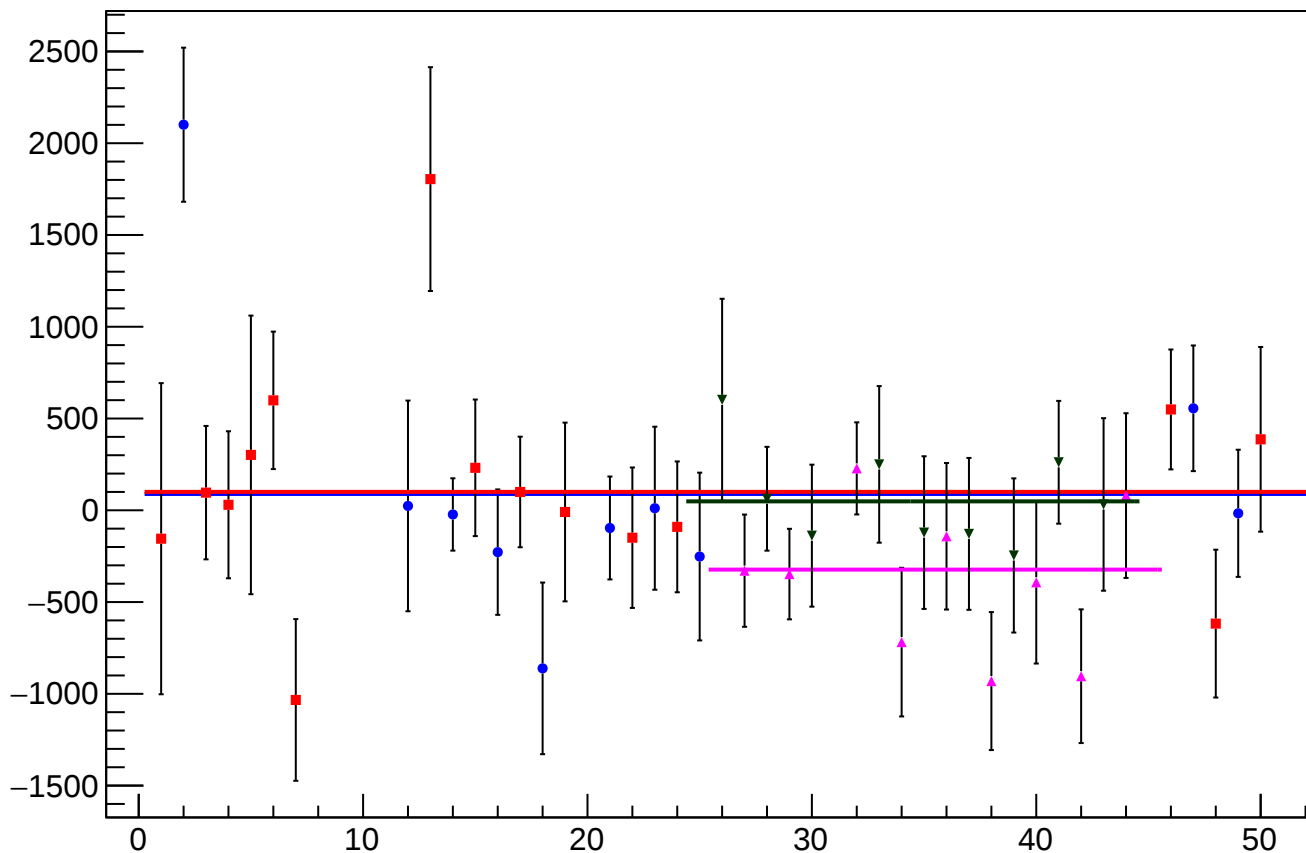
Left Out: 100.418 ± 0.032 $\chi^2/\text{NDF}: 1608.4/8$

Right Out: 105.770 ± 0.029 $\chi^2/\text{NDF}: 165706.3/14$

Left In: 101.433 ± 0.030 $\chi^2/\text{NDF}: 31082.9/8$

102.542 ± 0.015 $\chi^2/\text{NDF}: 301391.6/42$

asym_ds_avg_correction_mean vs slug



Right In: 88.960+/-107.180 χ^2/NDF : 31.3/9

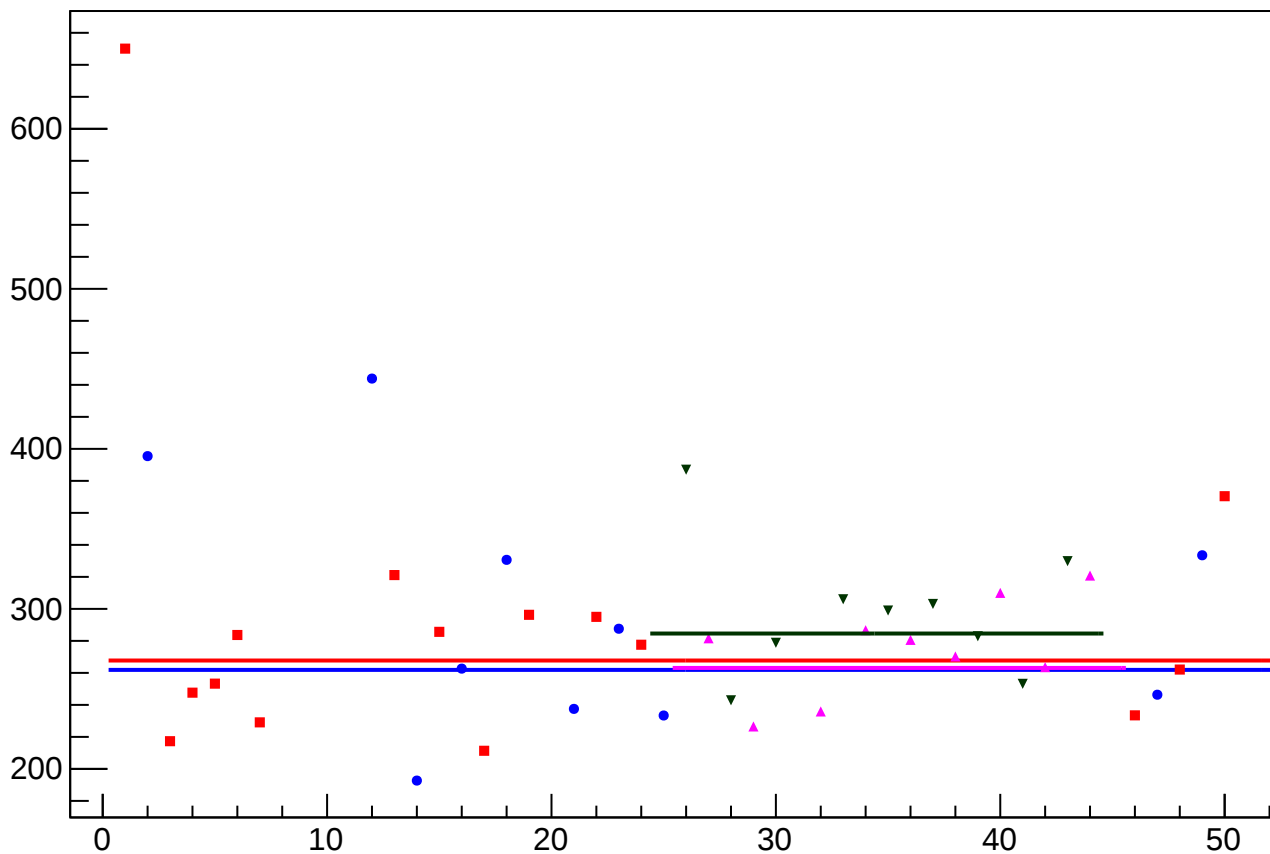
Left Out: 48.612+/-130.479 χ^2/NDF : 2.7/8

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

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

-20.329+/-56.395 χ^2/NDF : 78.6/42

asym_ds_avg_correction_rms vs slug



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

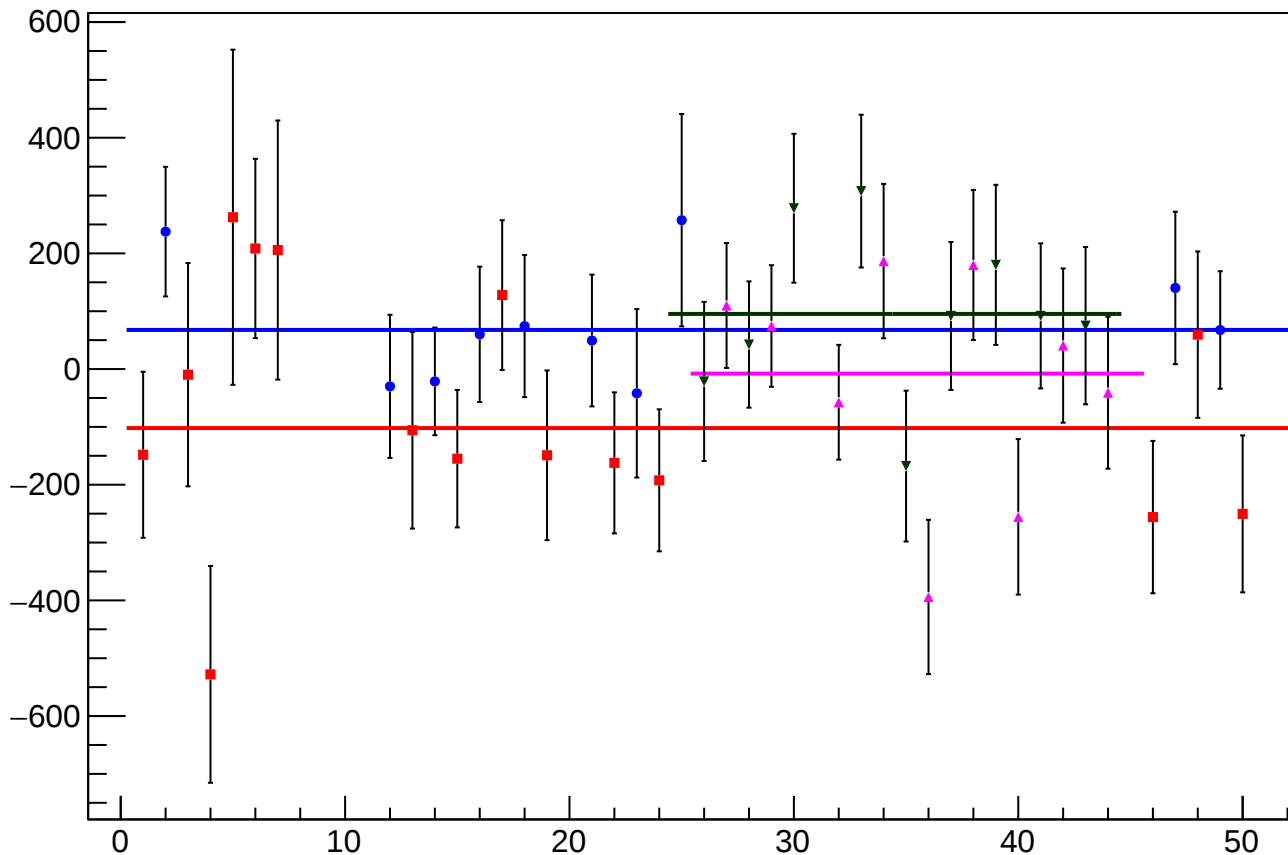
Left Out: 284.597+/-0.092 χ^2/NDF :160790.3/8

268.080+/-0.040 χ^2/NDF : 1842740.9/42

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

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 $\chi^2/\text{NDF}: 5.8/9$

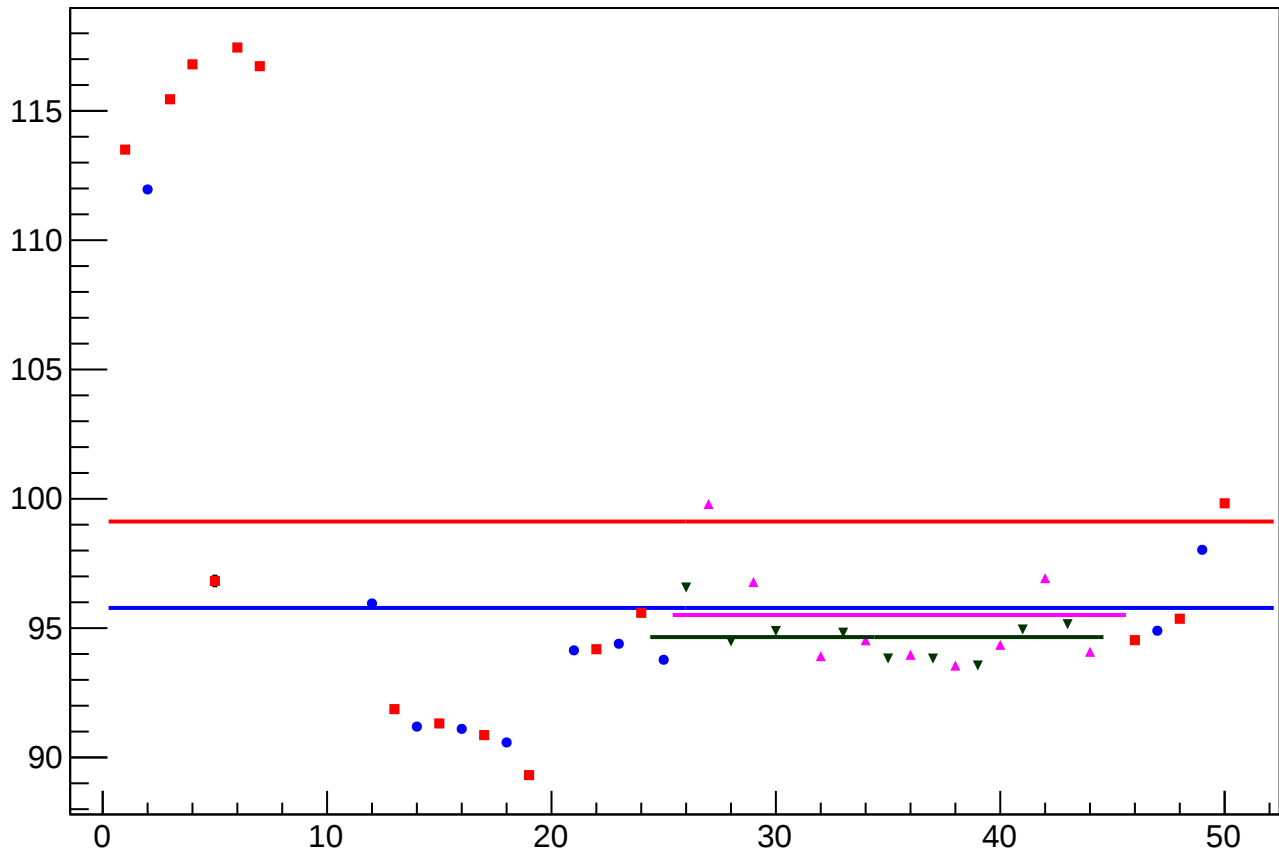
Left Out: 95.335 ± 42.864 $\chi^2/\text{NDF}: 10.0/8$

Right Out: -102.038 ± 38.277 $\chi^2/\text{NDF}: 21.0/14$

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

9.901 ± 19.788 $\chi^2/\text{NDF}: 70.2/42$

reg_asym_ds_dd_rms vs slug



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

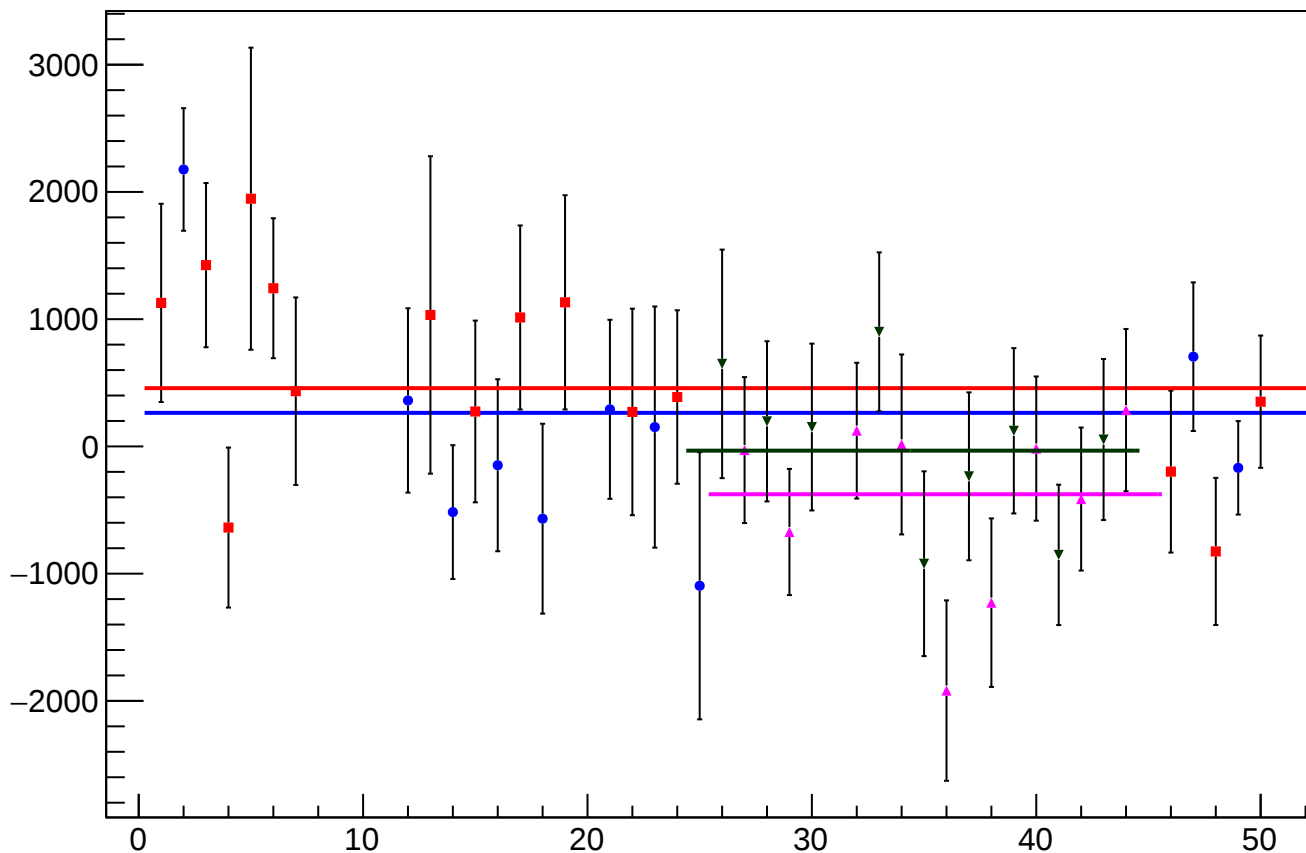
Left Out: 94.654 $\pm$ 0.030 χ^2 /NDF: 732.0/8

96.367 $\pm$ 0.014 χ^2 /NDF: 207065.1/42

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

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

asym_ds_dd_correction_mean vs slug



Right In: 263.883 $\pm$ 188.306 χ^2 /NDF: 23.2/9

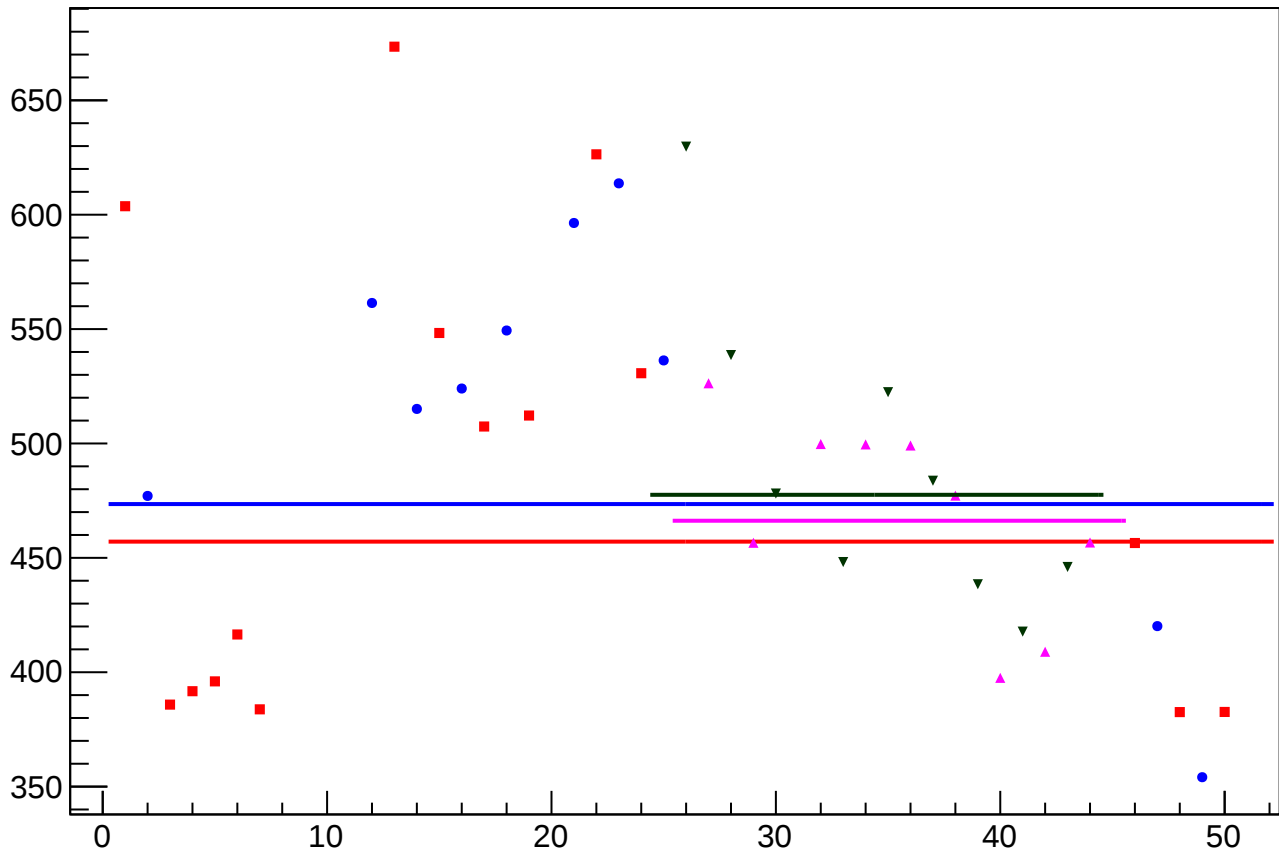
Left Out: -33.276 $\pm$ 218.199 χ^2 /NDF: 6.9/8

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

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

107.459 $\pm$ 97.115 χ^2 /NDF: 68.1/42

asym_ds_dd_correction_rms vs slug



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

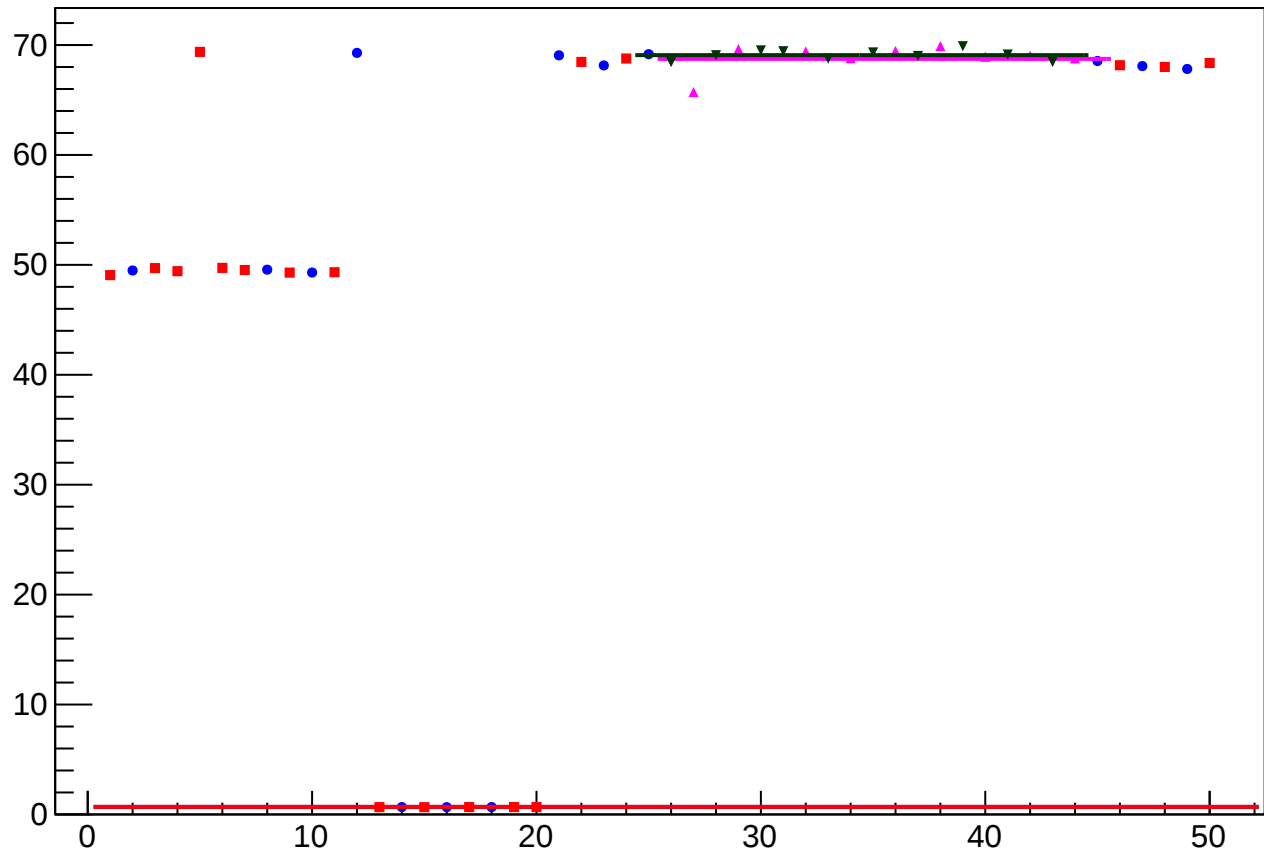
Left Out: 477.560+/-0.154 χ^2/NDF :124255.1/8

467.720+/-0.069 χ^2/NDF : 1090292.6/42

Right Out: 457.090+/-0.127 χ^2/NDF : 448538.0/14

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

yield_bcm_an_ds_mean vs slug



Right In: 0.686 $\pm$ 0.000 χ^2 /NDF: 798563820946.1/12

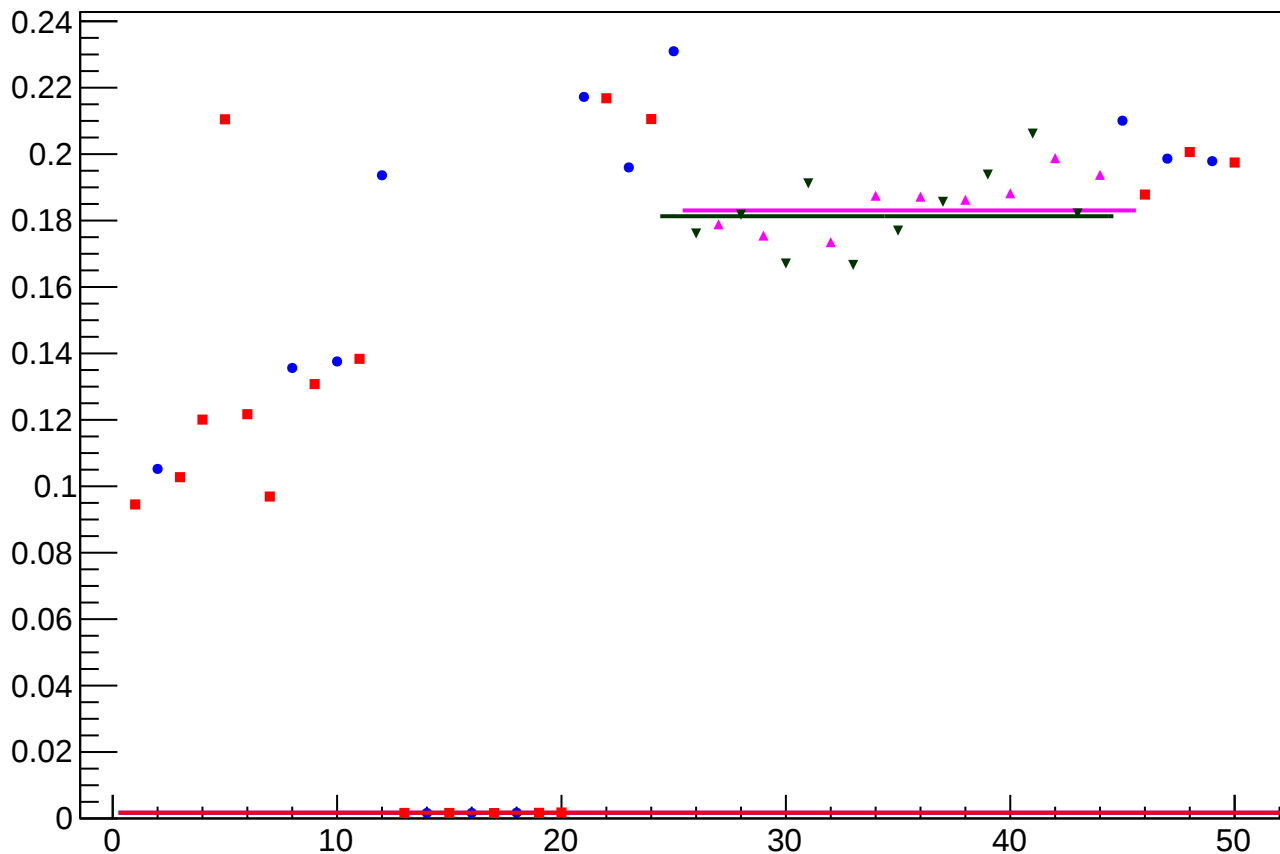
Left Out: 69.080 $\pm$ 0.000 χ^2 /NDF: 27261217.3/9

Right Out: 0.690 $\pm$ 0.000 χ^2 /NDF: 879121747194.7/17

Left In: 68.740 $\pm$ 0.000 χ^2 /NDF: 294554053.4/8

0.703 $\pm$ 0.000 χ^2 /NDF: 3143036563928.1/49

yield_bcm_an_ds_rms vs slug



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

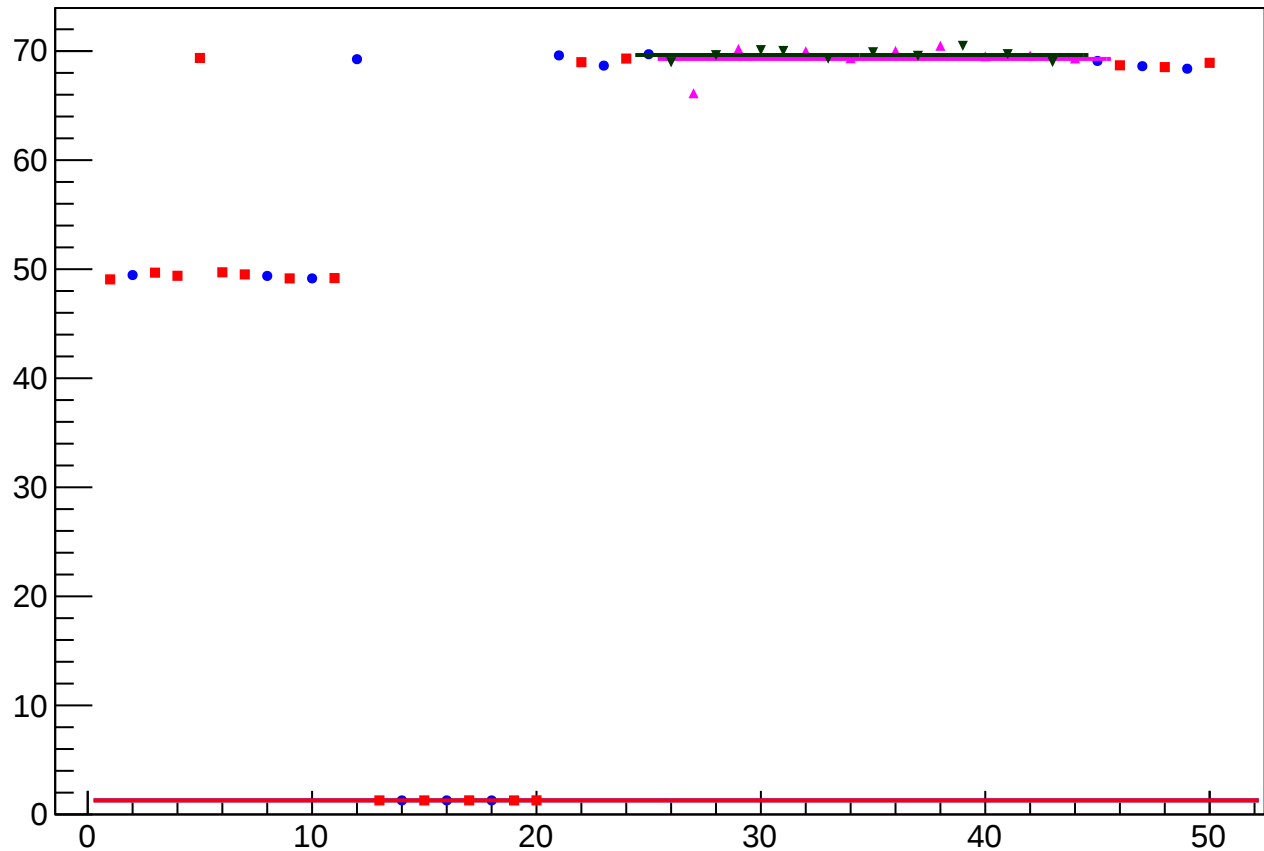
Left Out: 0.181+/-0.000 χ^2/NDF : 38932.5/9

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

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

0.002+/-0.000 χ^2/NDF : 44413818.8/49

yield_bcm_an_ds3_mean vs slug



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

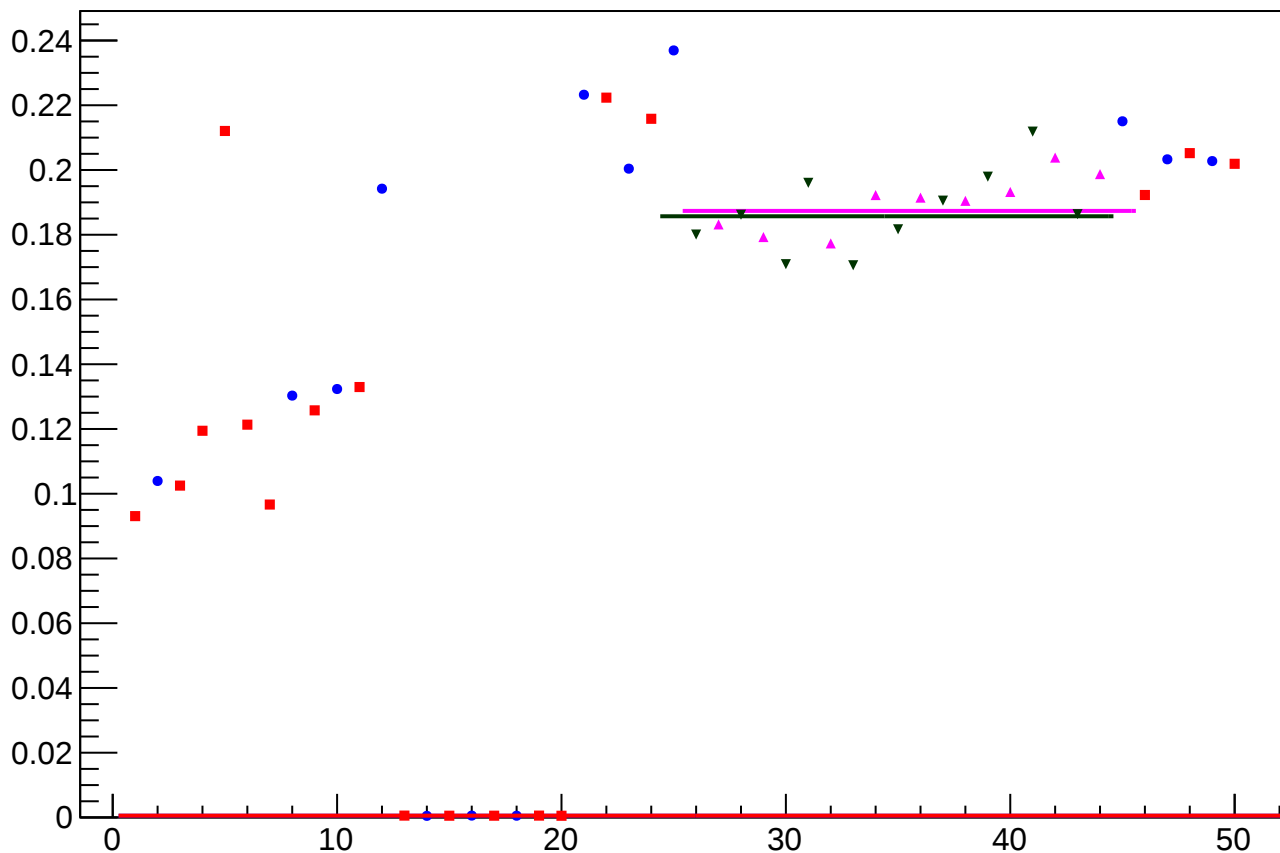
Left Out: 69.640+/-0.000 χ^2/NDF : 28182710.7/9

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

1.292+/-0.000 χ^2/NDF : 3052377941299.0/49

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

yield_bcm_an_ds3_rms vs slug



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

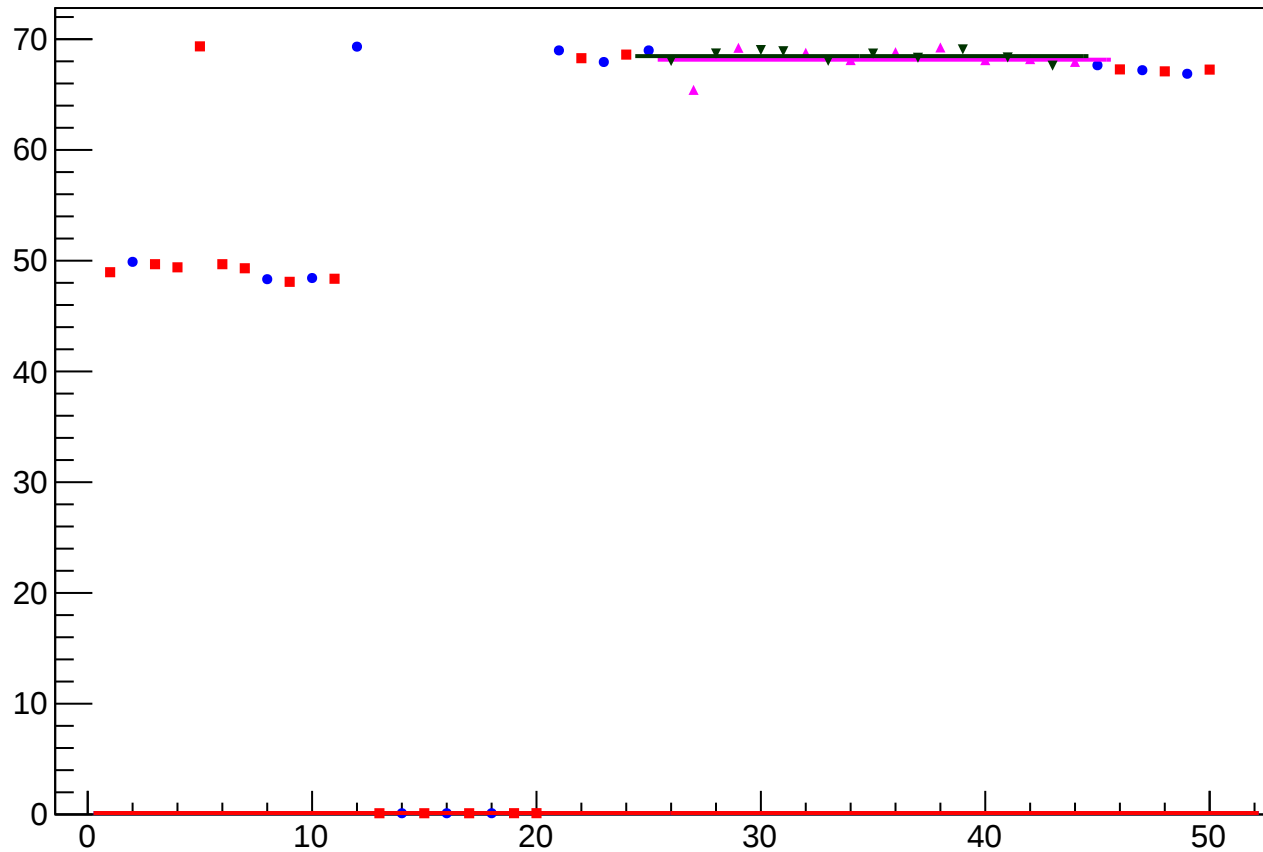
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.6/9

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

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

0.001+/-0.000 χ^2/NDF : 45071197.7/49

yield_bcm_an_us_mean vs slug



Right In: 0.125+/-0.000 χ^2/NDF : 802527208473.5/12

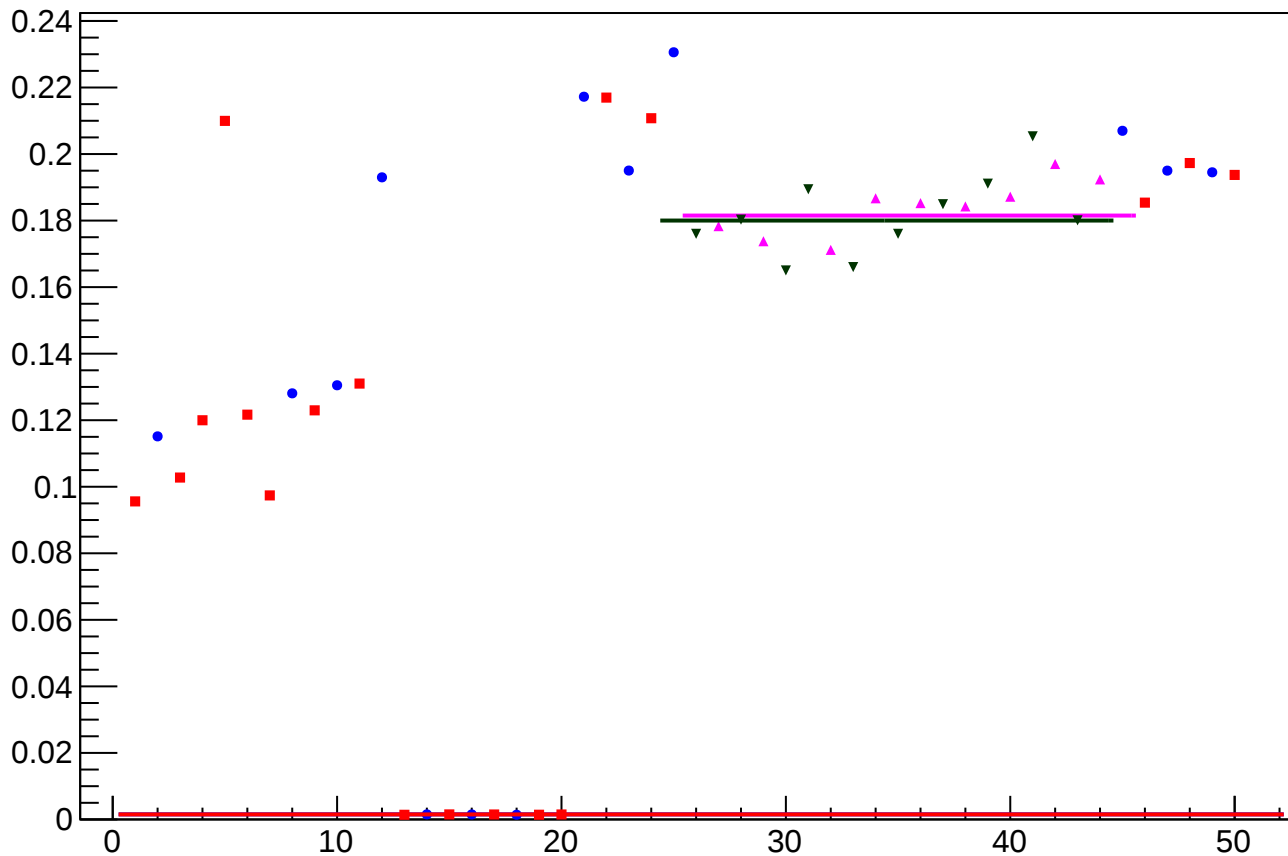
Left Out: 68.471+/-0.000 χ^2/NDF : 31933437.0/9

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

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

0.138+/-0.000 χ^2/NDF : 3194270503203.7/49

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2 /NDF: 12206952.7/12

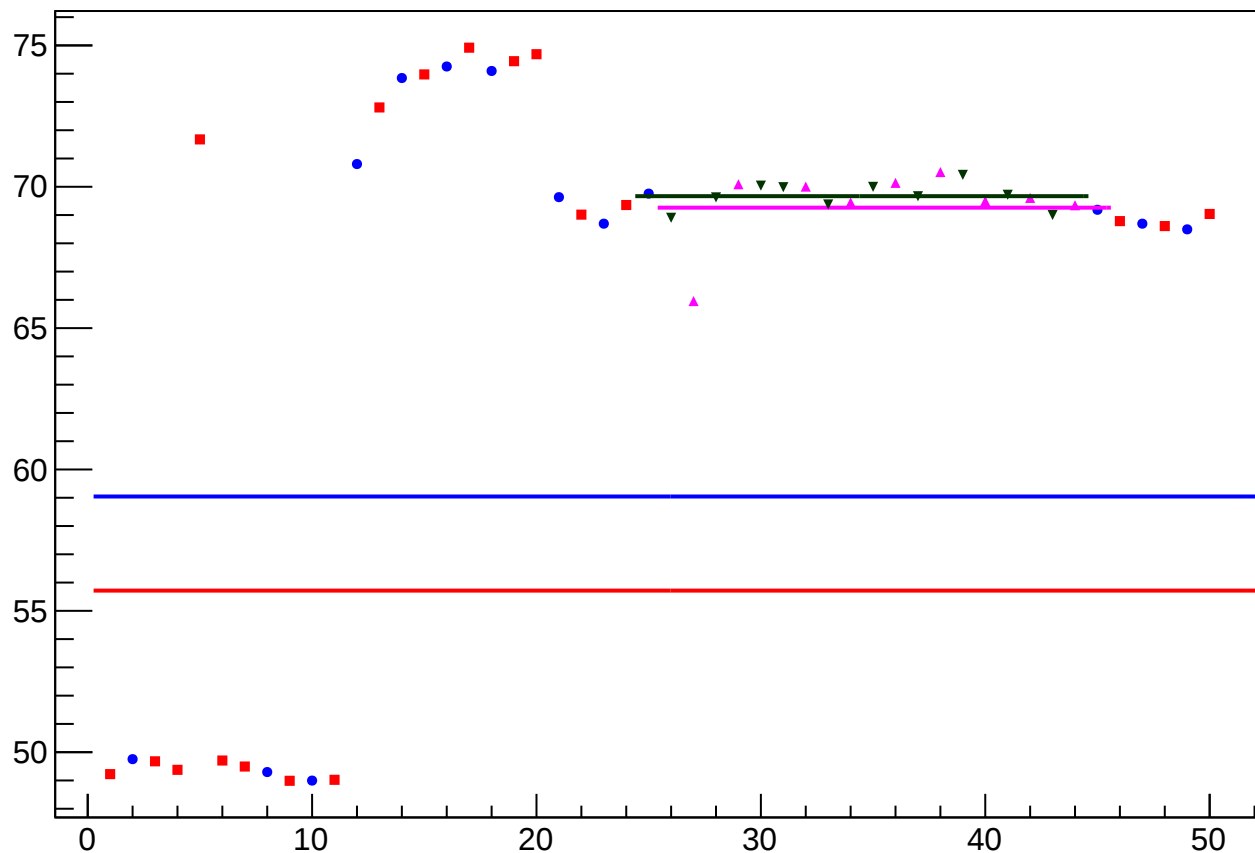
Left Out: 0.180+/-0.000 χ^2 /NDF:38902.7/9

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

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

0.002+/-0.000 χ^2 /NDF: 44486408.5/49

yield_bcm_dg_us_mean vs slug



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

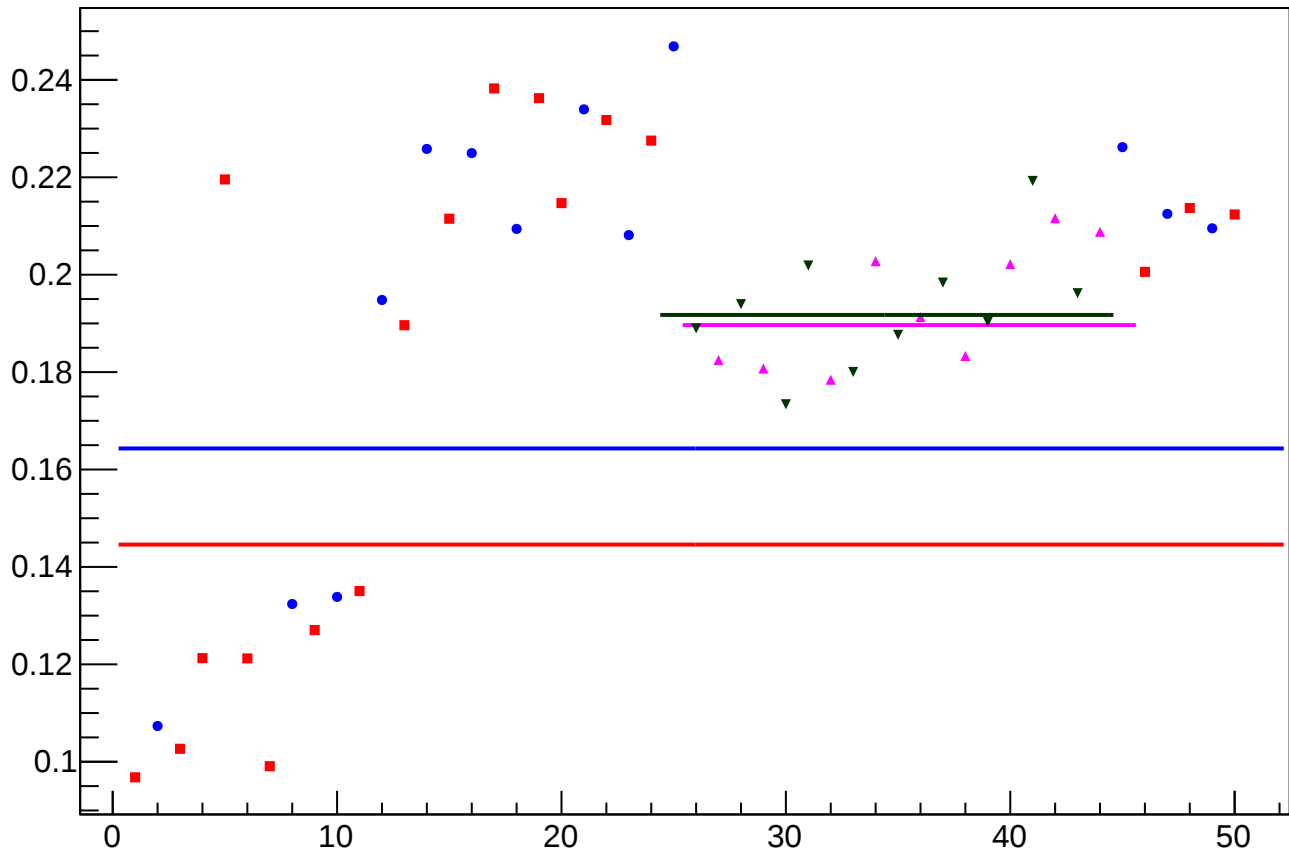
Left Out: 69.668 $\pm$ 0.000 χ^2 /NDF: 26498235.4/9

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

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

61.060 $\pm$ 0.000 χ^2 /NDF: 99336737635.0/49

yield_bcm_dg_us_rms vs slug



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

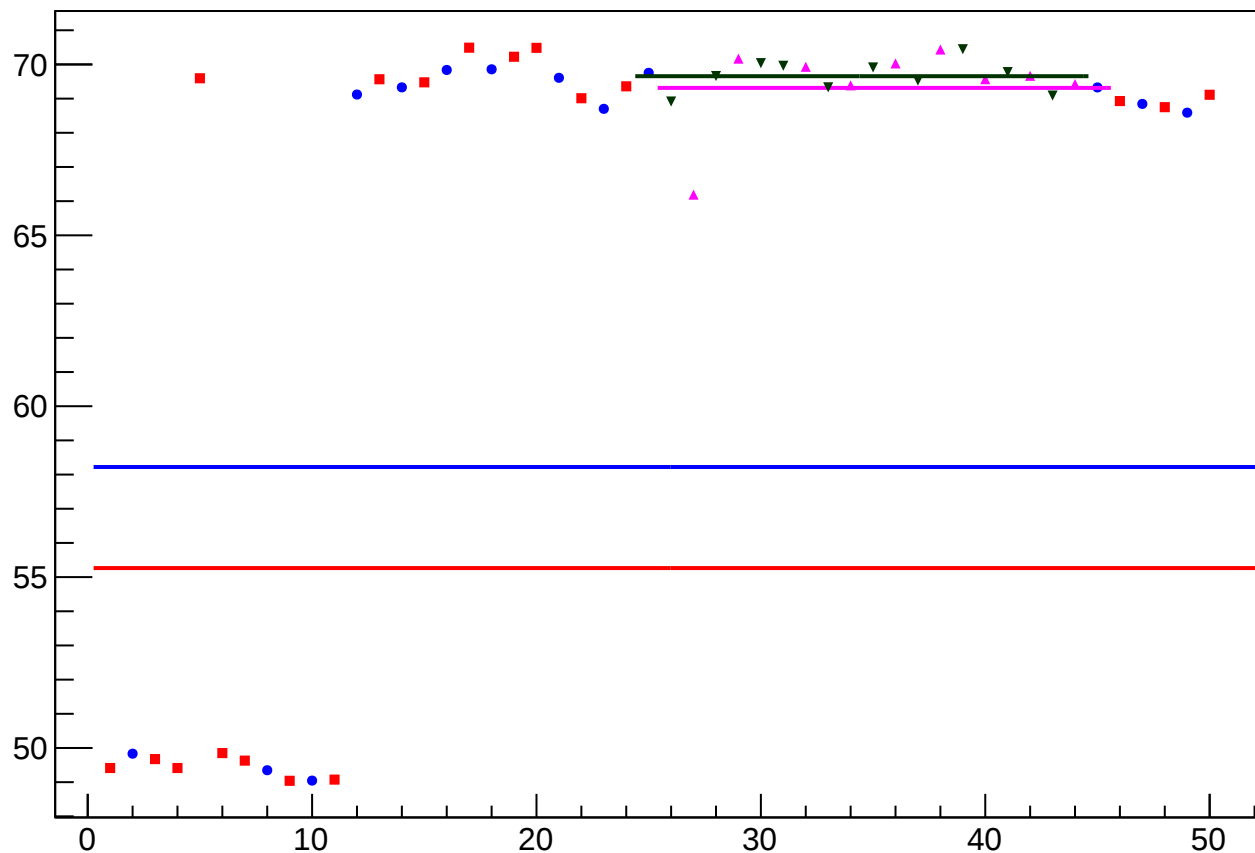
Left Out: 0.192+/-0.000 χ^2/NDF : 37638.8/9

0.165+/-0.000 χ^2/NDF : 3729325.2/49

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

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

yield_bcm_dg_ds_mean vs slug



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

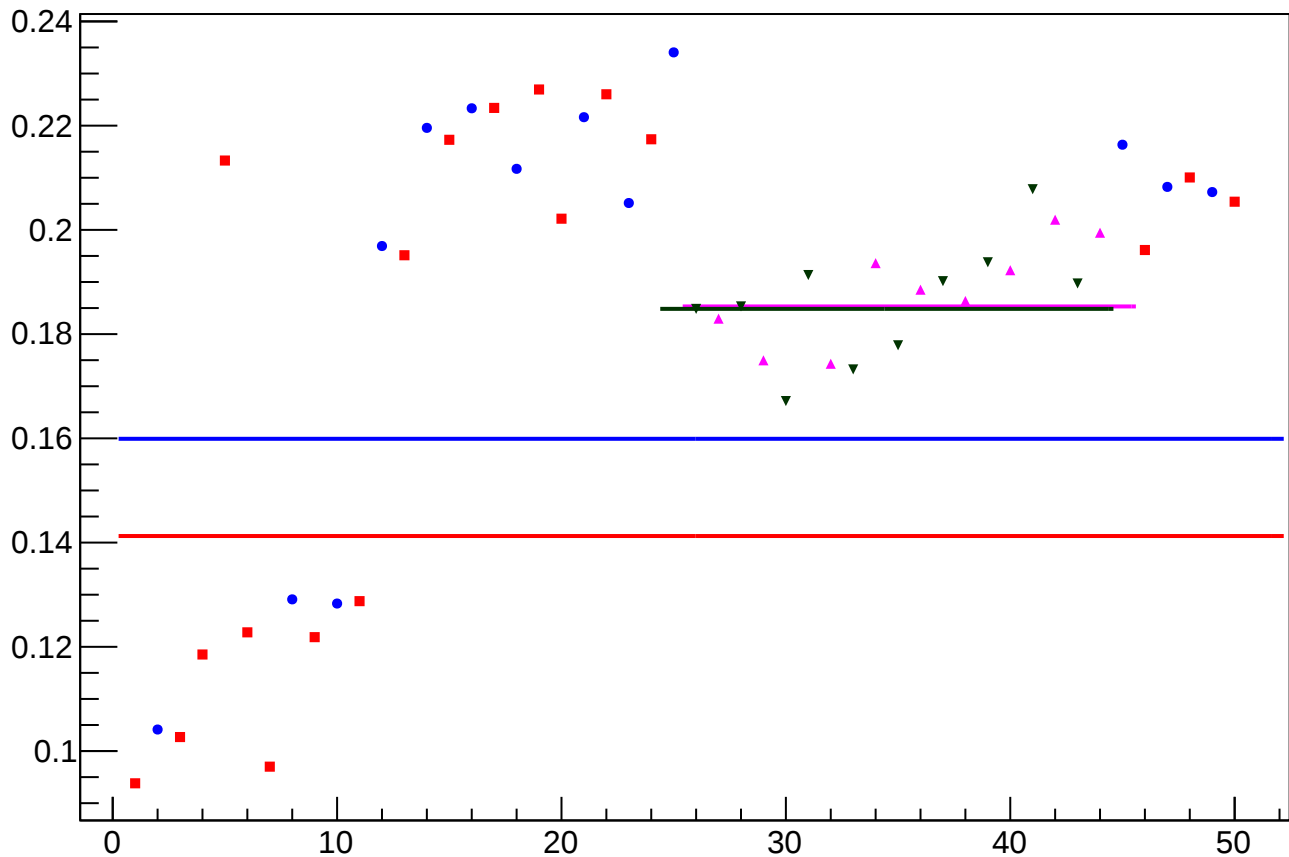
Left Out: 69.656+/-0.000 χ^2/NDF : 26123075.2/9

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

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

60.678+/-0.000 χ^2/NDF : 95118699605.5/49

yield_bcm_dg_ds_rms vs slug



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

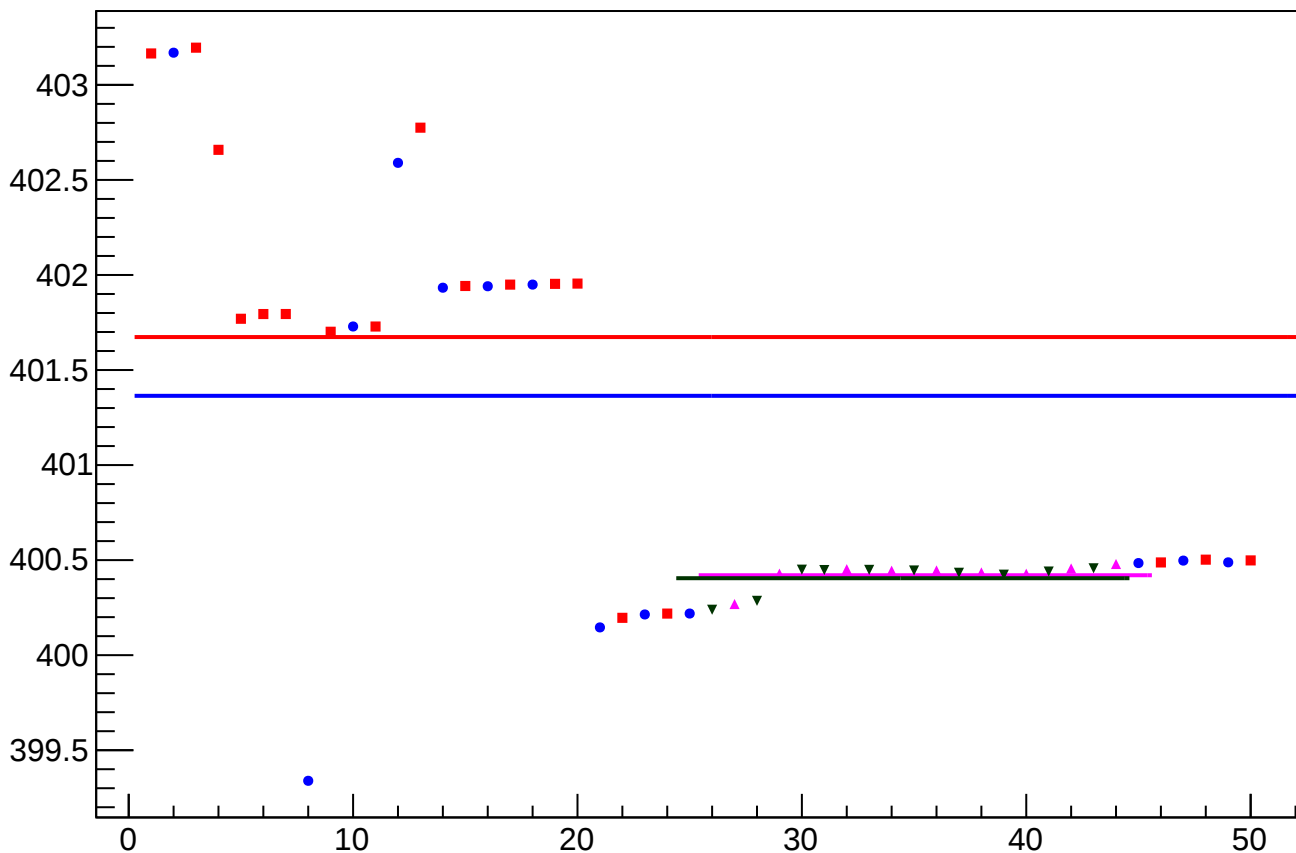
Left Out: 0.185 $\pm$ 0.000 χ^2/NDF : 35256.7/9

Right Out: 0.141 $\pm$ 0.000 χ^2/NDF : 1612673.3/17

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

0.161 $\pm$ 0.000 χ^2/NDF : 3705962.6/49

yield_cav4bQ_mean vs slug



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

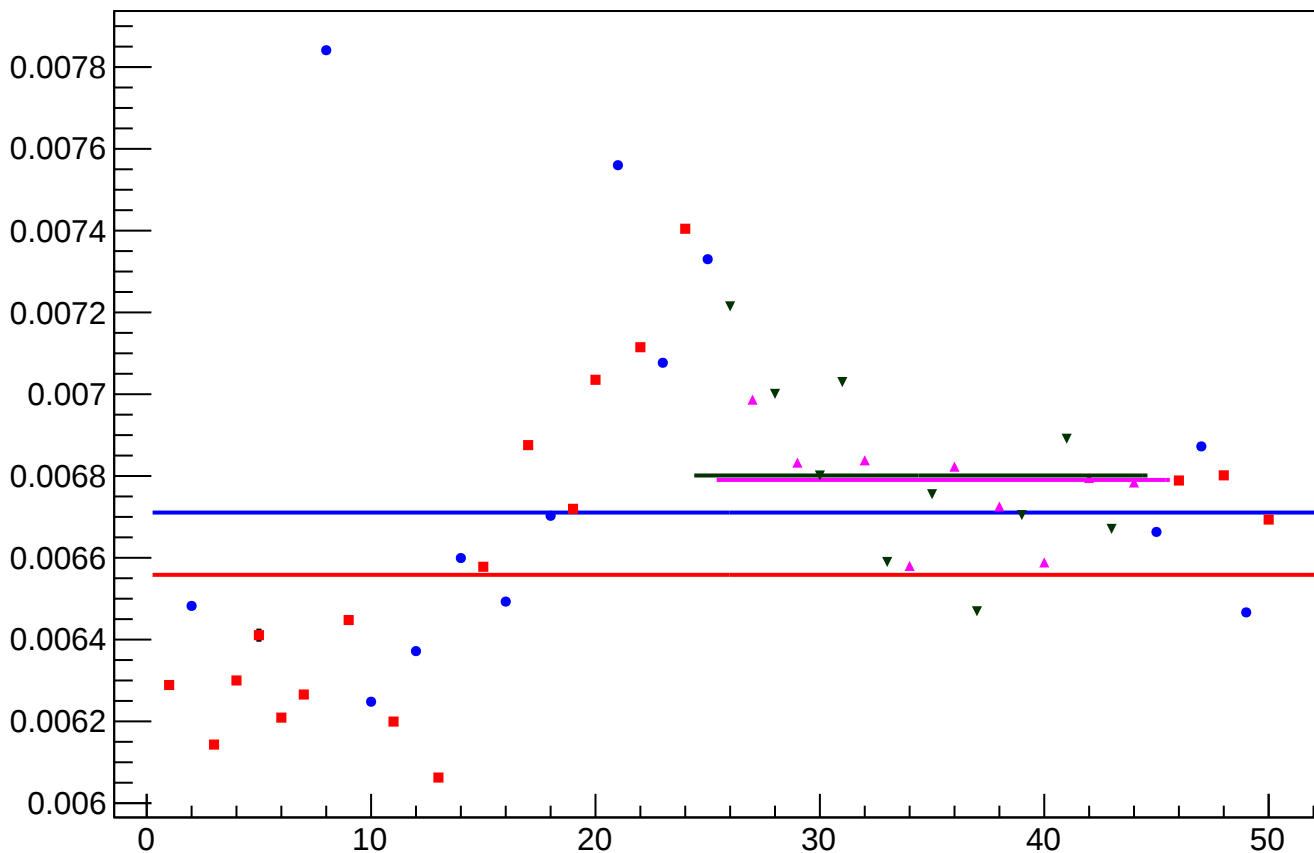
Left Out: 400.405+/-0.000 χ^2/NDF : 614714141.0/9

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

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

401.105+/-0.000 χ^2/NDF : 606238109904.9/49

yield_cav4bQ_rms vs slug



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

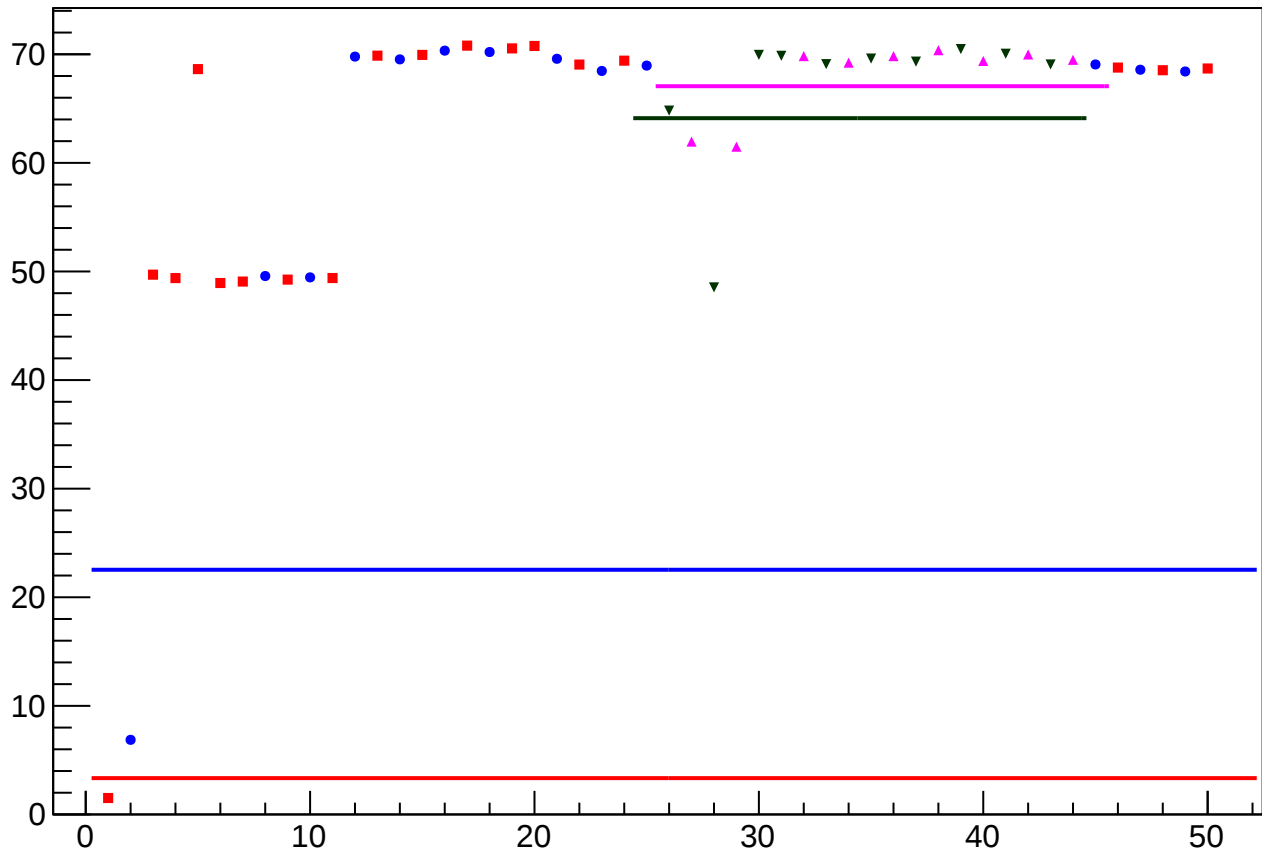
Left Out: 0.007+/-0.000 χ^2/NDF : 9934.2/9

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

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

0.007+/-0.000 χ^2/NDF : 153820.3/49

yield_cav4cQ_mean vs slug



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

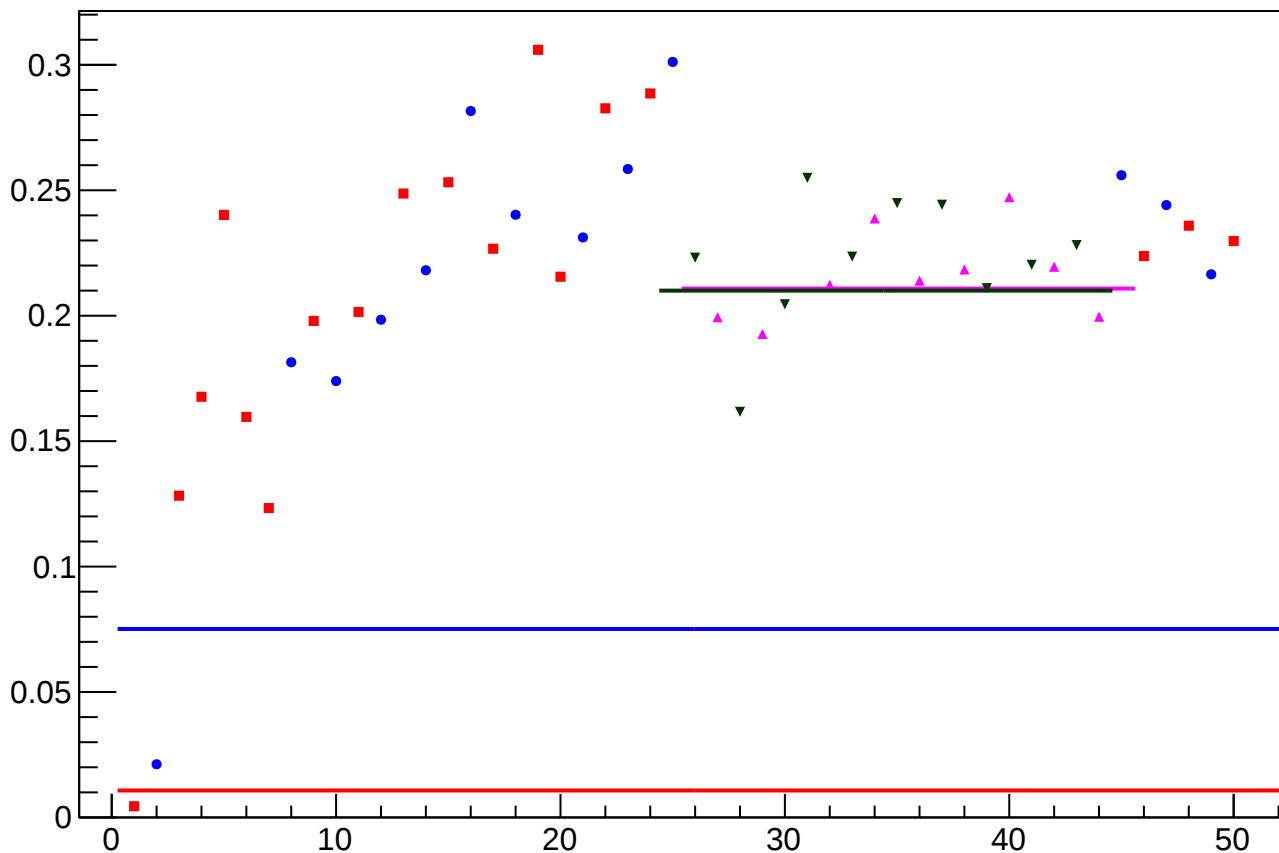
Left Out: 64.116+/-0.000 χ^2/NDF : 8524365591.2/9

7.365+/-0.000 χ^2/NDF : 1861765827641.0/49

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

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

yield_cav4cQ_rms vs slug



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

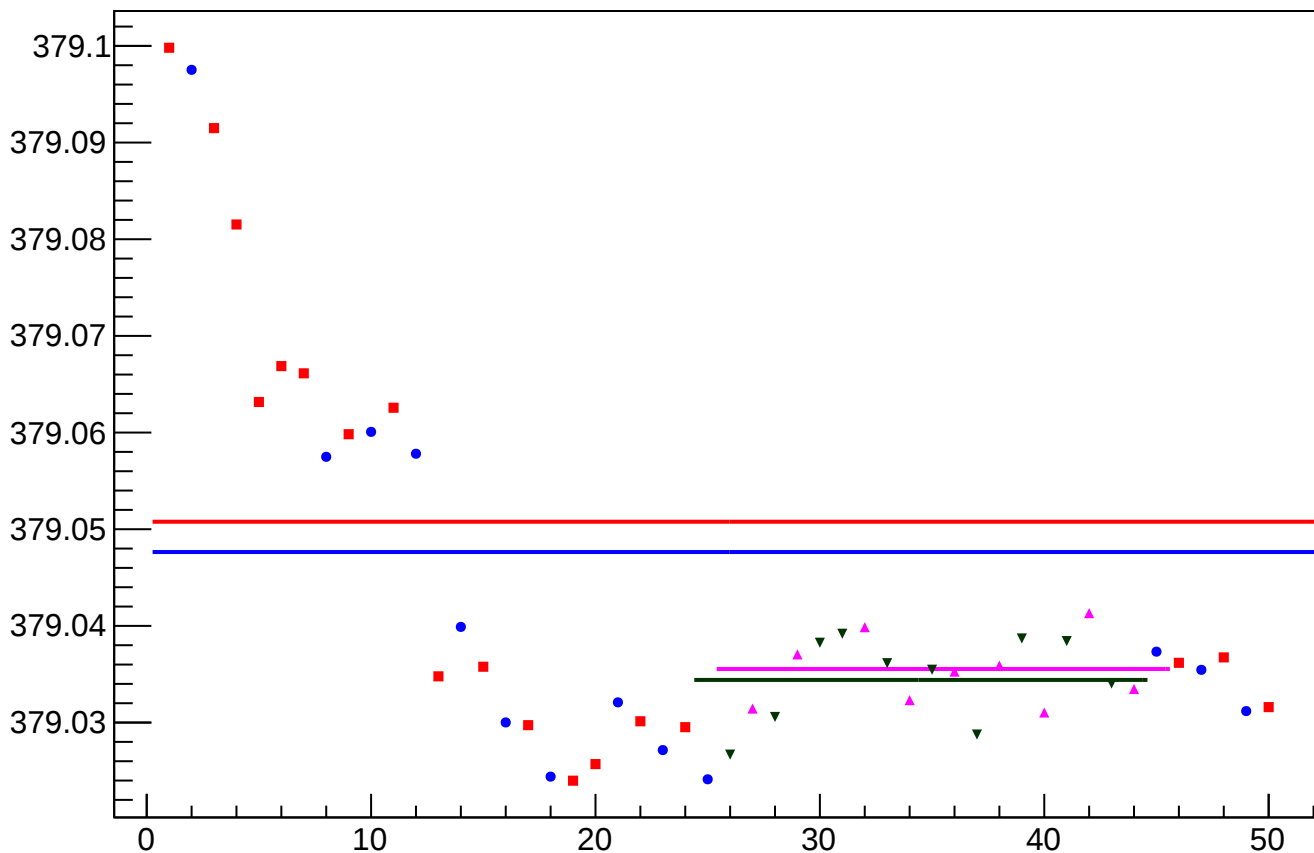
Left Out: 0.210+/-0.000 χ^2/NDF :195506.9/9

0.024+/-0.000 χ^2/NDF : 41841238.6/49

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

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

yield_cav4dQ_mean vs slug



Right In: 379.048 $\pm$ 0.000 χ^2 /NDF: 95406712.5/12

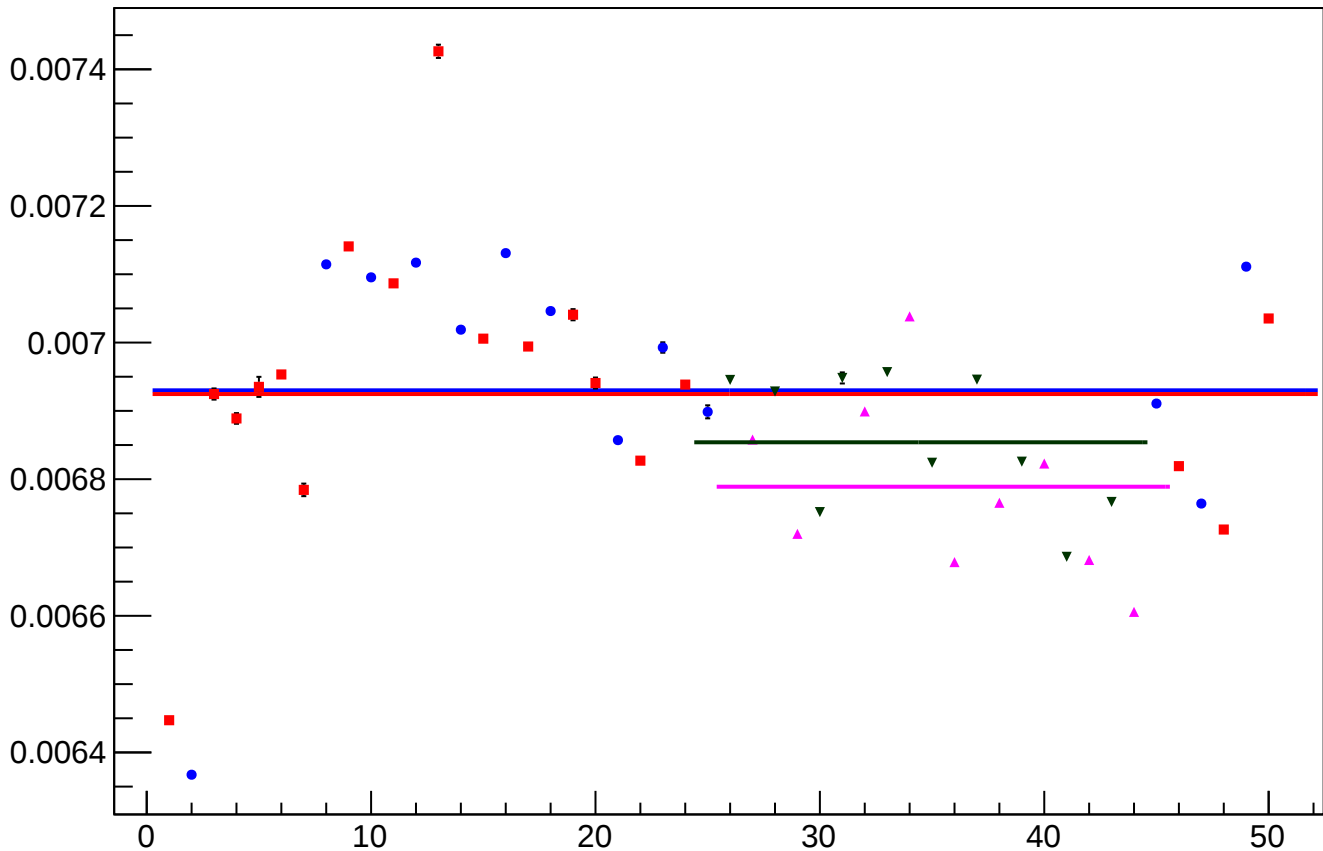
Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF: 1980028.6/9

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

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

379.044 $\pm$ 0.000 χ^2 /NDF: 231093144.3/49

yield_cav4dQ_rms vs slug



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

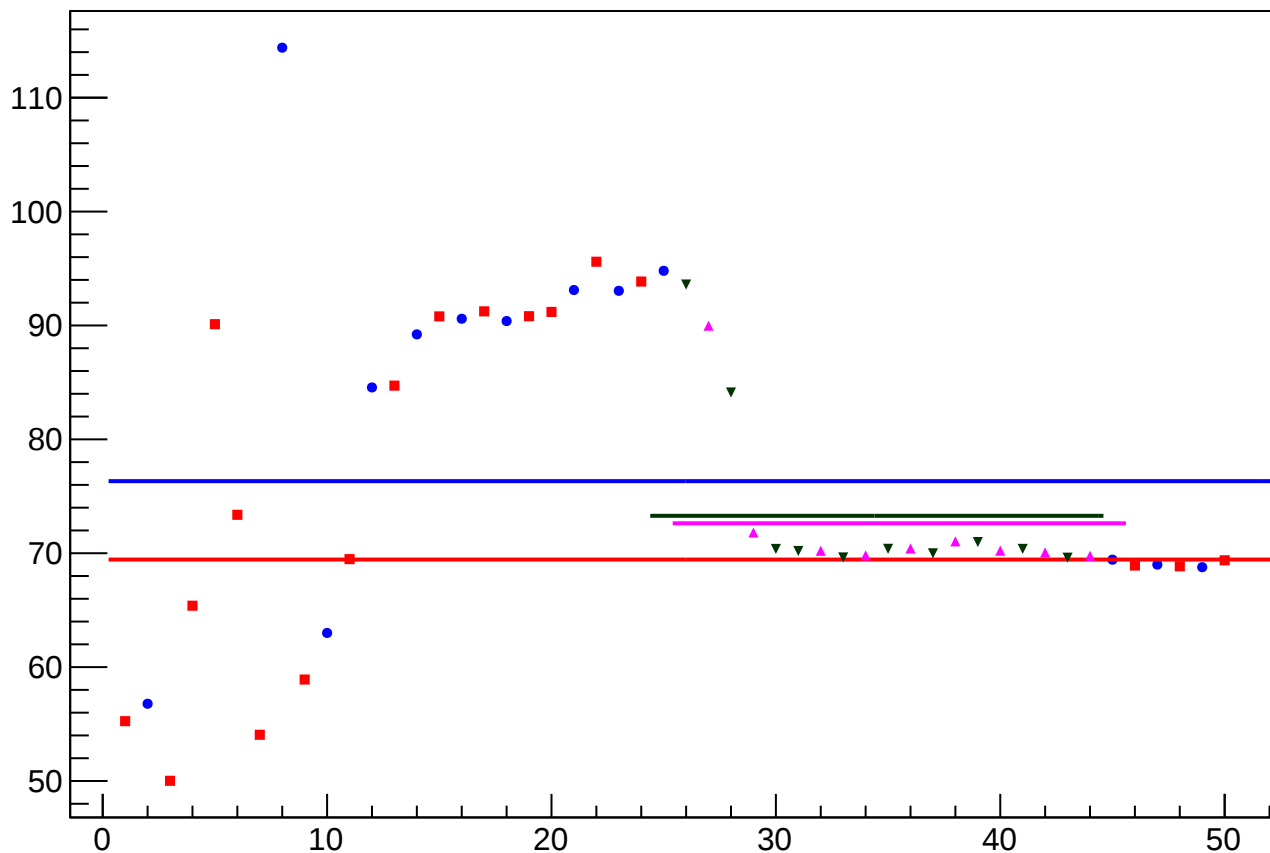
Left Out: 0.007+/-0.000 χ^2/NDF : 2061.8/9

0.007+/-0.000 χ^2/NDF : 45303.5/49

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

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

yield_bcm0l02_mean vs slug



Right In: 76.330+/-0.000 χ^2/NDF : 25847390855.5/12

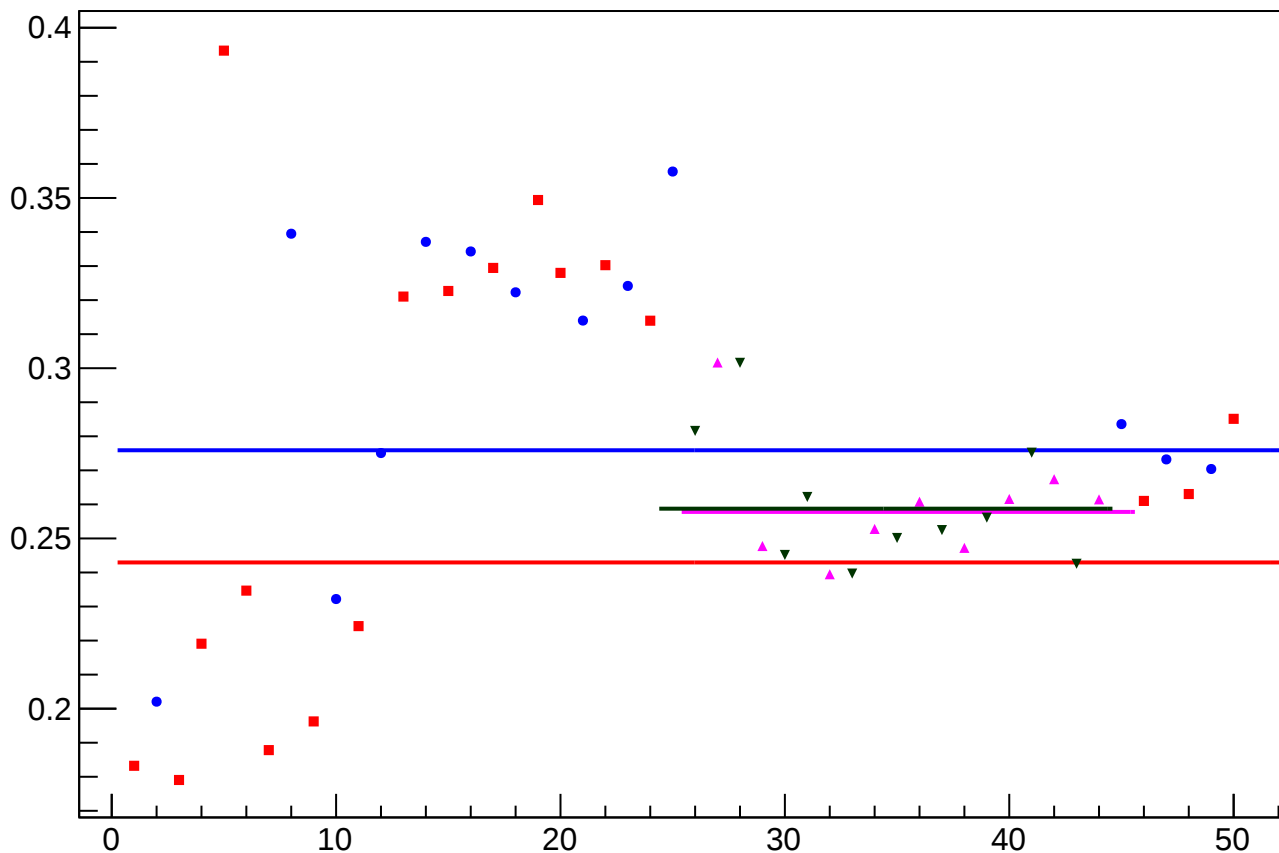
Left Out: 73.286+/-0.000 χ^2/NDF : 3720782967.4/9

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

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

72.704+/-0.000 χ^2/NDF : 59533491751.4/49

yield_bcm0l02_rms vs slug



Right In: 0.276 $\pm$ 0.000 χ^2/NDF : 464034.7/12

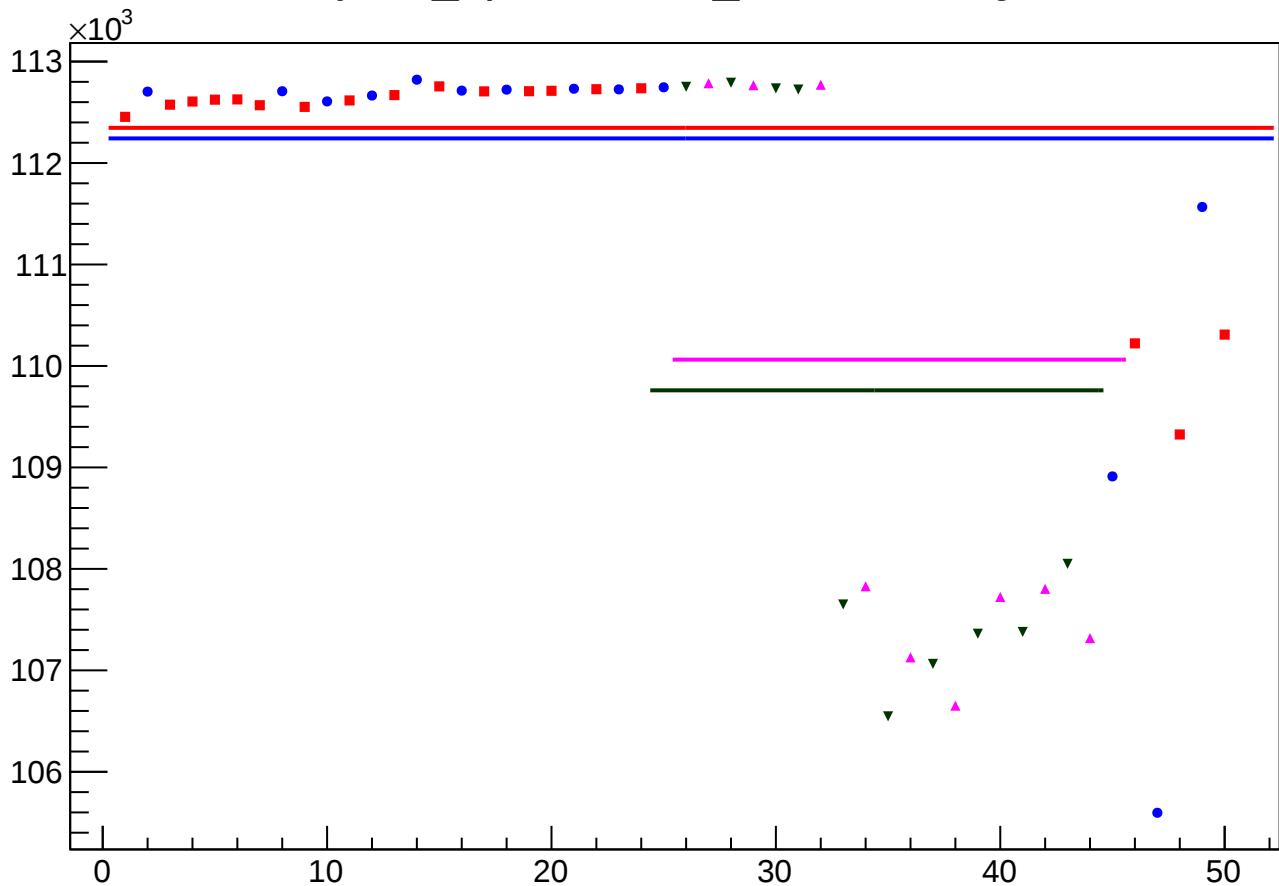
Left Out: 0.259 $\pm$ 0.000 χ^2/NDF : 48388.8/9

Right Out: 0.243 $\pm$ 0.000 χ^2/NDF : 764820.9/17

Left In: 0.258 $\pm$ 0.000 χ^2/NDF : 49223.4/8

0.258 $\pm$ 0.000 χ^2/NDF : 1445609.3/49

yield_bpm2i01WS_mean vs slug



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

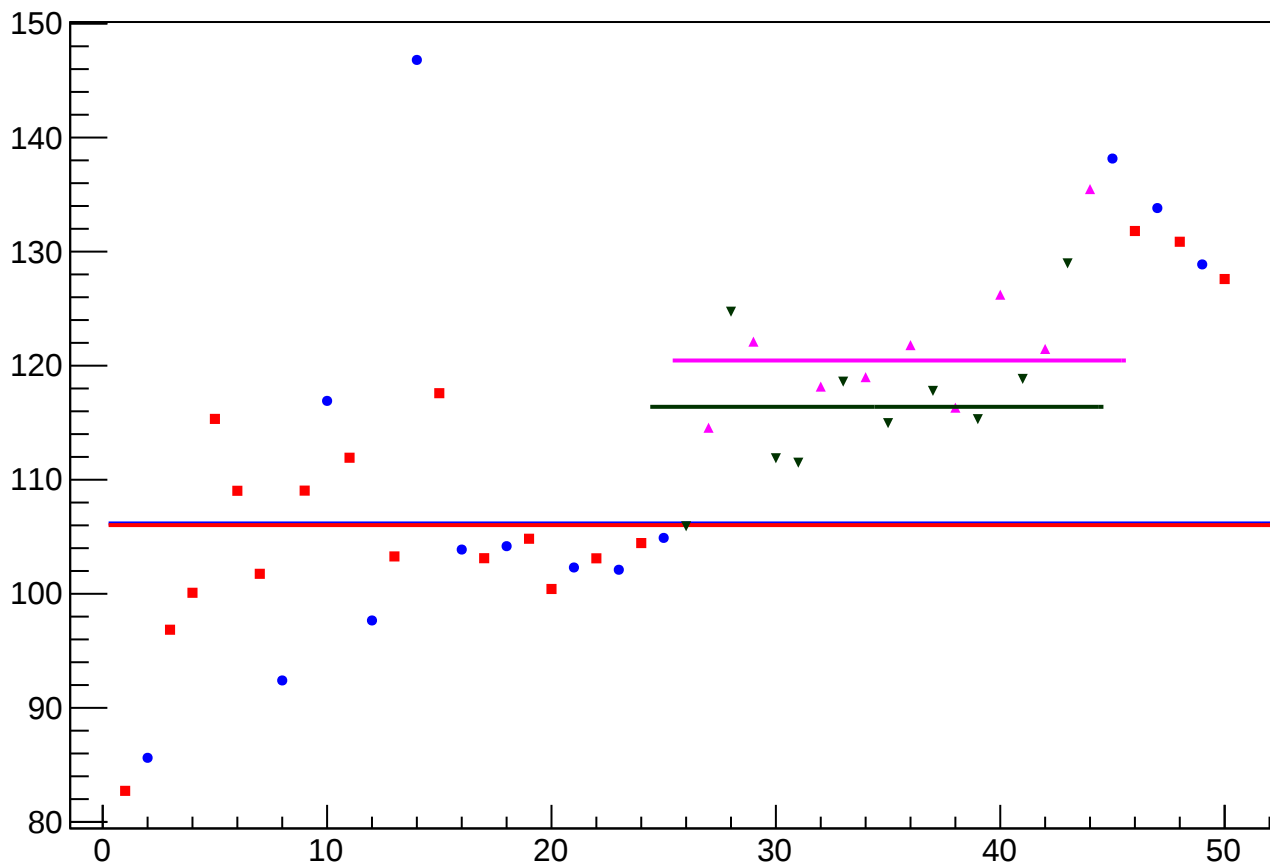
Left Out: 109759.766 $\pm$ 0.054 χ^2/NDF : 2587692520.9/9

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

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

111499.433 $\pm$ 0.022 χ^2/NDF : 9840969270.2/49

yield_bpm2i01WS_rms vs slug



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

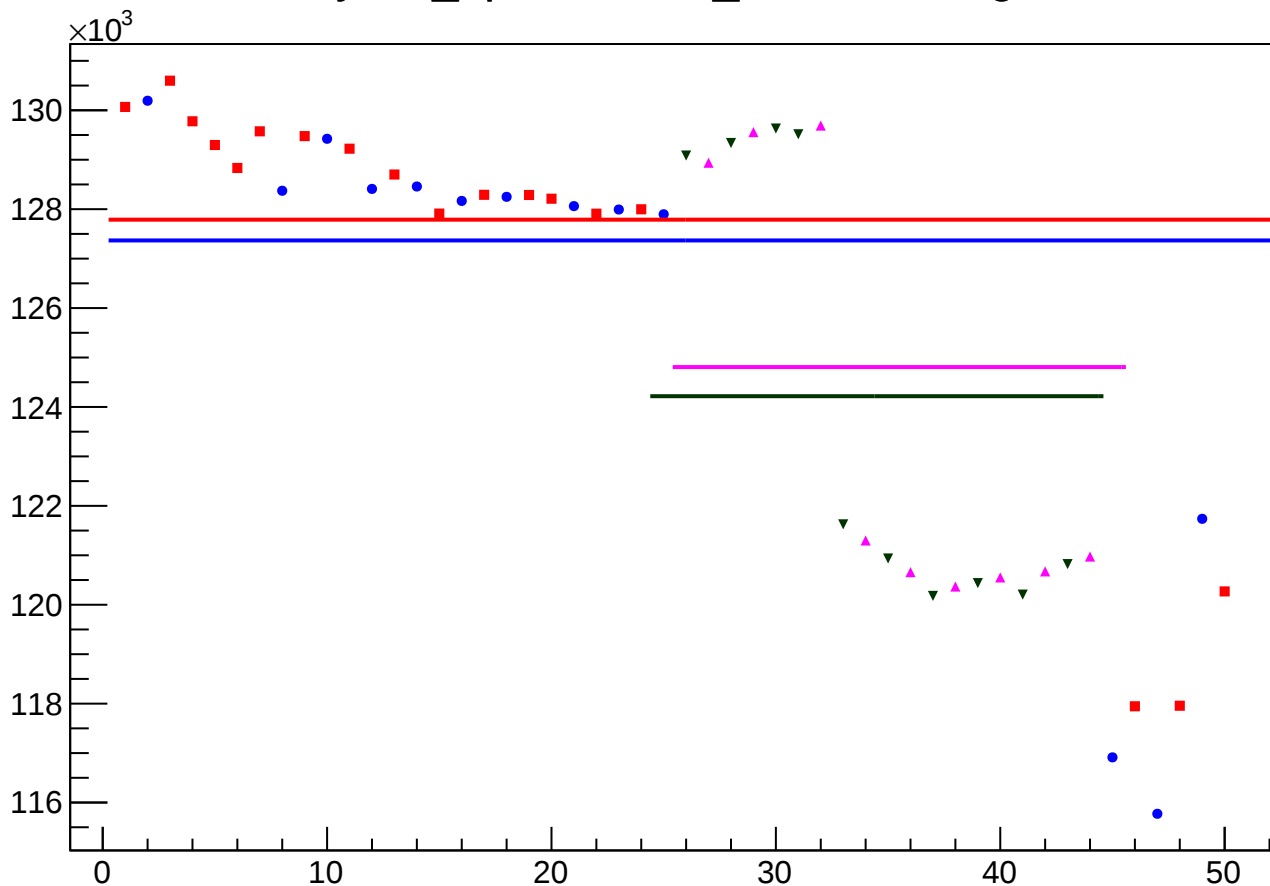
Left Out: 116.393 $\pm$ 0.038 χ^2 /NDF: 27352.1/9

110.215 $\pm$ 0.015 χ^2 /NDF: 837221.8/49

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

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

yield_bpm0i07WS_mean vs slug



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

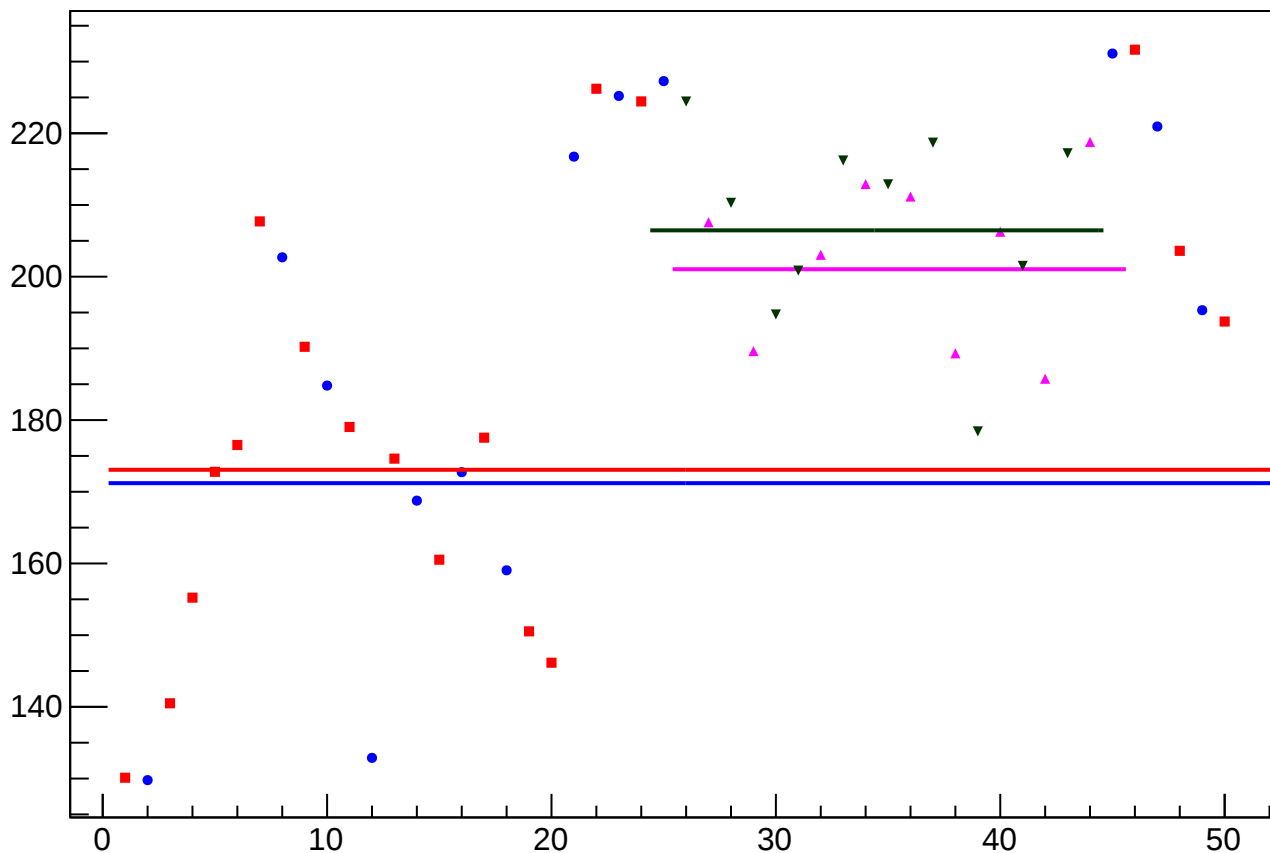
Left Out: 124217.458 $\pm$ 0.091 χ^2 /NDF:2222612678.1/9

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

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

126583.716 $\pm$ 0.036 χ^2 /NDF: 13113569298.4/4

yield_bpm0i07WS_rms vs slug



Right In: 171.203 $\pm$ 0.043 χ^2 /NDF: 624087.5/12

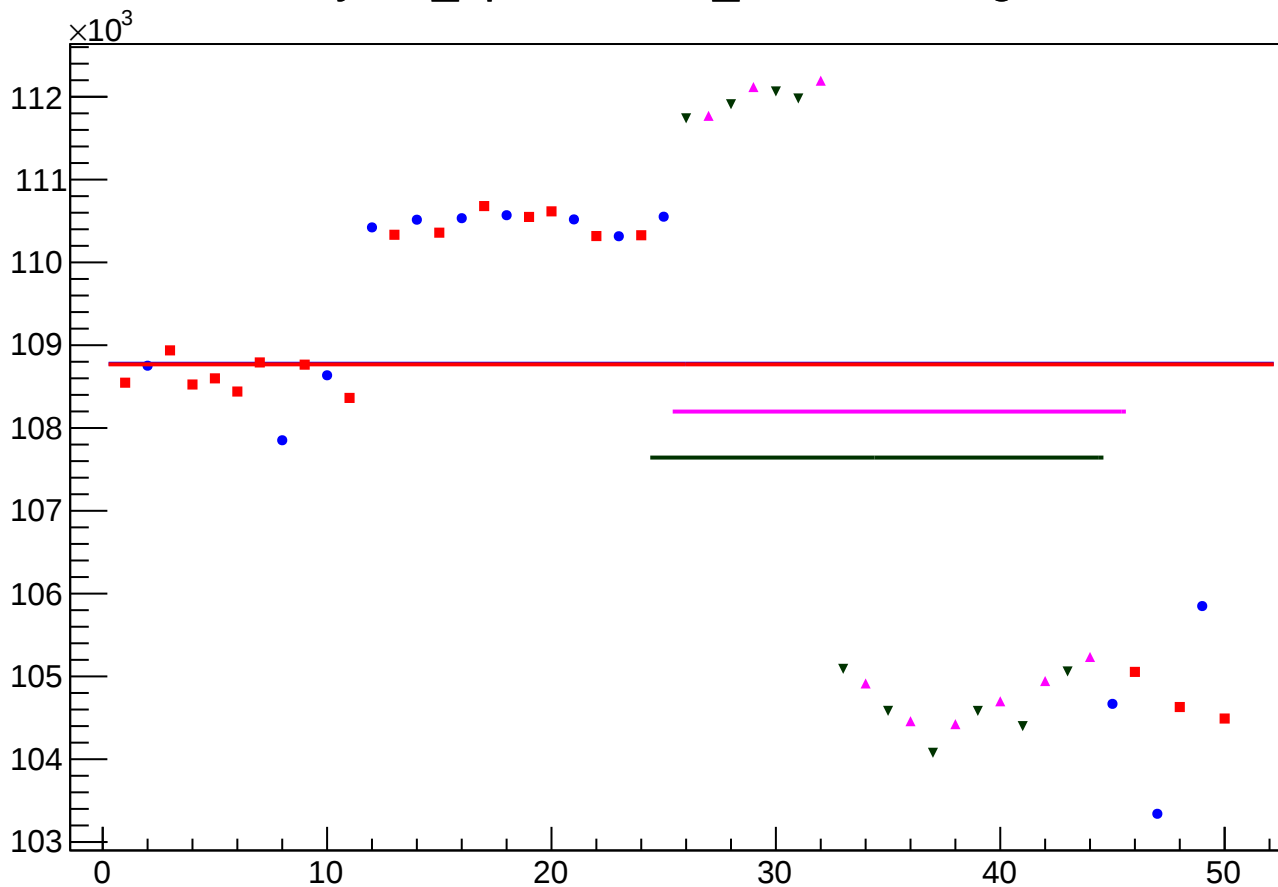
Left Out: 206.461 $\pm$ 0.065 χ^2 /NDF: 41468.1/9

182.325 $\pm$ 0.025 χ^2 /NDF: 1470629.4/49

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

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

yield_bpm0l01WS_mean vs slug



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

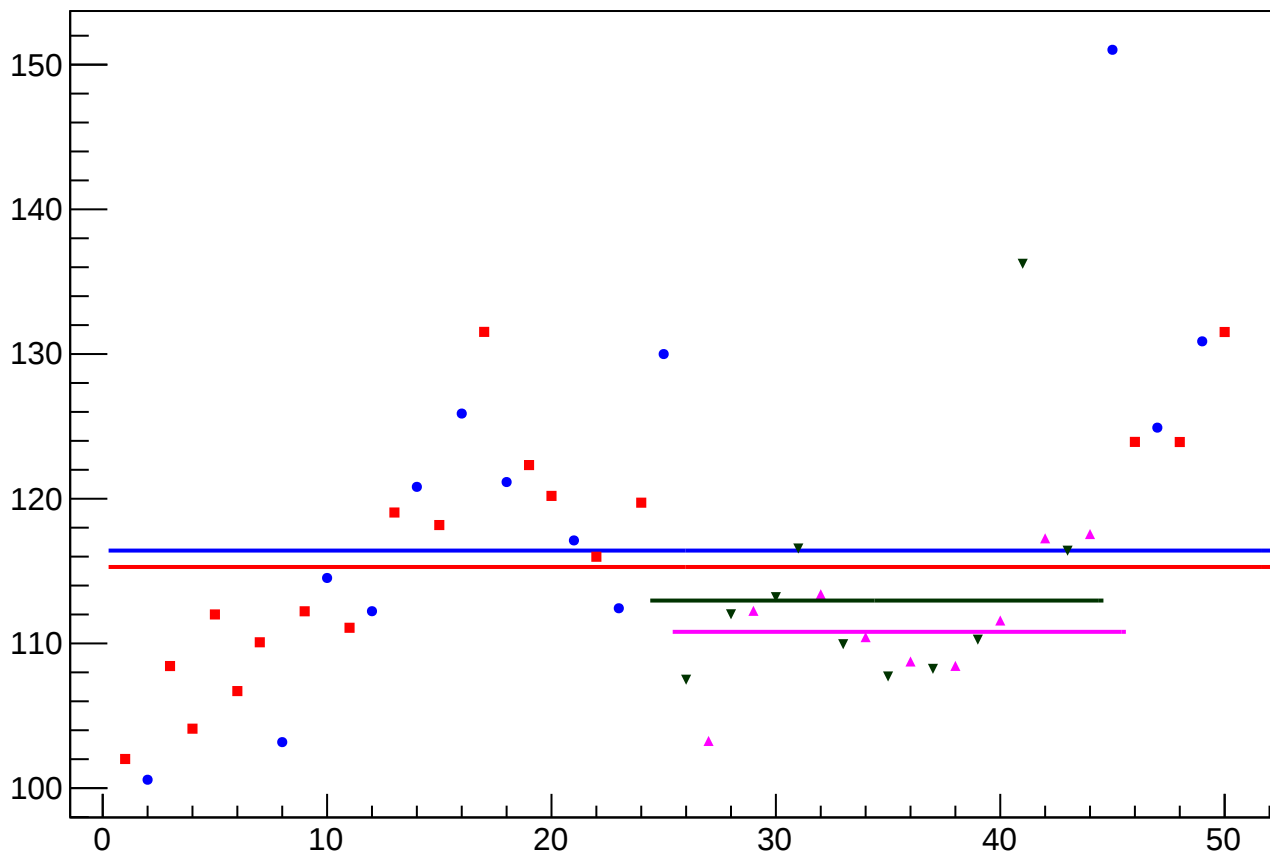
Left Out: 107642.924 $\pm$ 0.050 χ^2 /NDF: 5150705476.1/9

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

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

108428.227 $\pm$ 0.022 χ^2 /NDF: 16084072508.5/4

yield_bpm0l01WS_rms vs slug



Right In: 116.417 ± 0.029 $\chi^2/\text{NDF}: 173758.9/12$

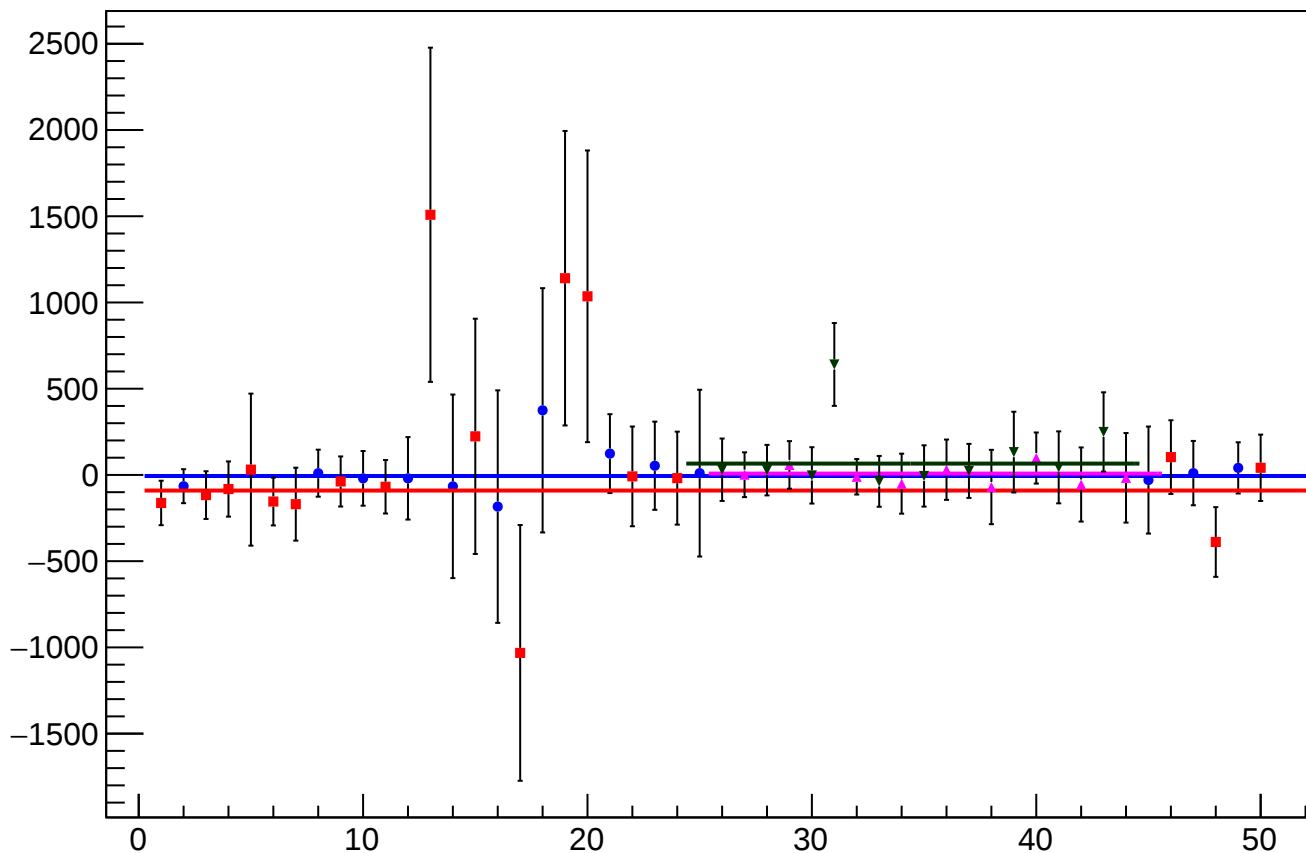
Left Out: 112.963 ± 0.036 $\chi^2/\text{NDF}: 43064.1/9$

Right Out: 115.283 ± 0.029 $\chi^2/\text{NDF}: 82382.1/17$

Left In: 110.801 ± 0.033 $\chi^2/\text{NDF}: 17507.6/8$

114.184 ± 0.016 $\chi^2/\text{NDF}: 335863.3/49$

asym_bcm_an_ds_mean vs slug



Right In: -6.160+/-53.828 χ^2/NDF : 1.2/12

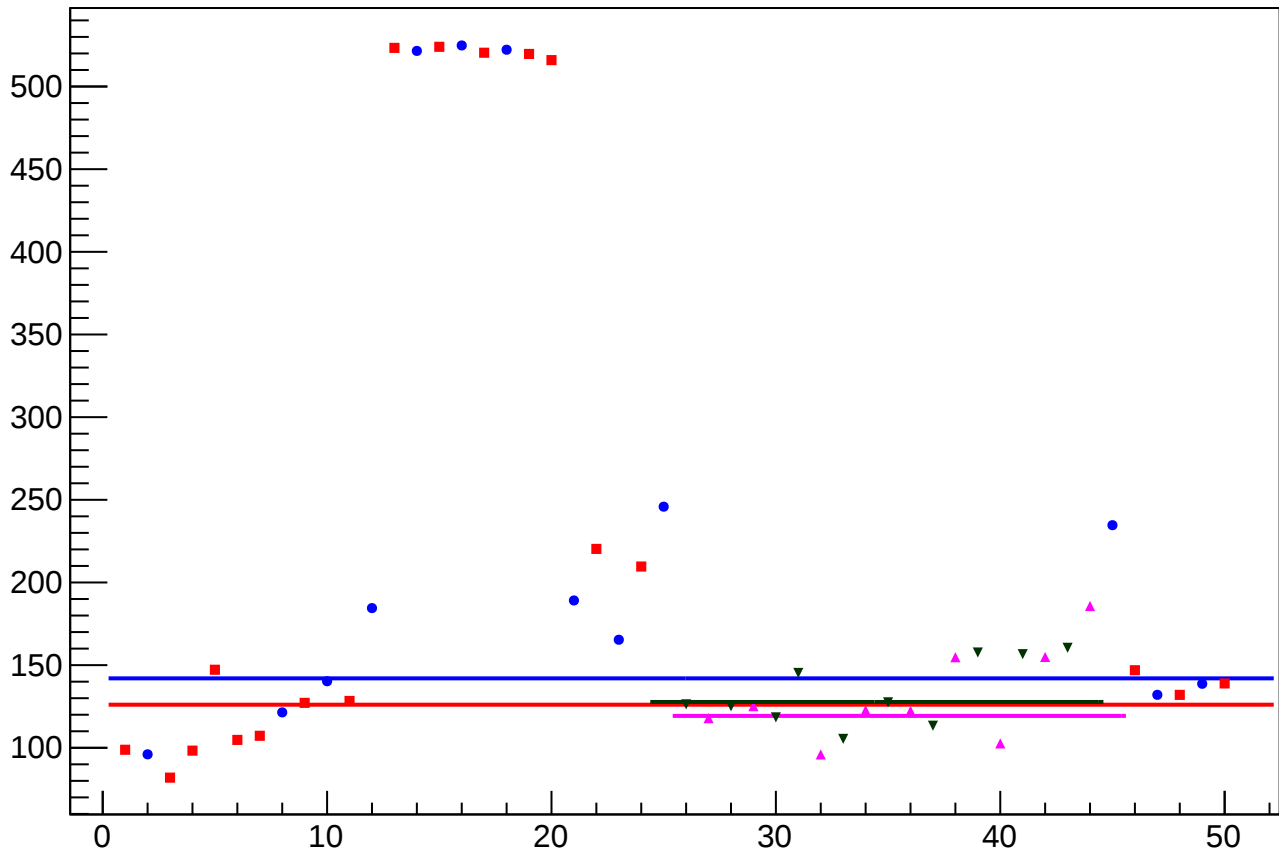
Left Out: 65.780+/-56.744 χ^2/NDF : 7.5/9

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

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

-11.944+/-26.183 χ^2/NDF : 27.2/49

asym_bcm_an_ds_rms vs slug



Right In: 142.003+/-0.038 χ^2/NDF : 3162080.2/12

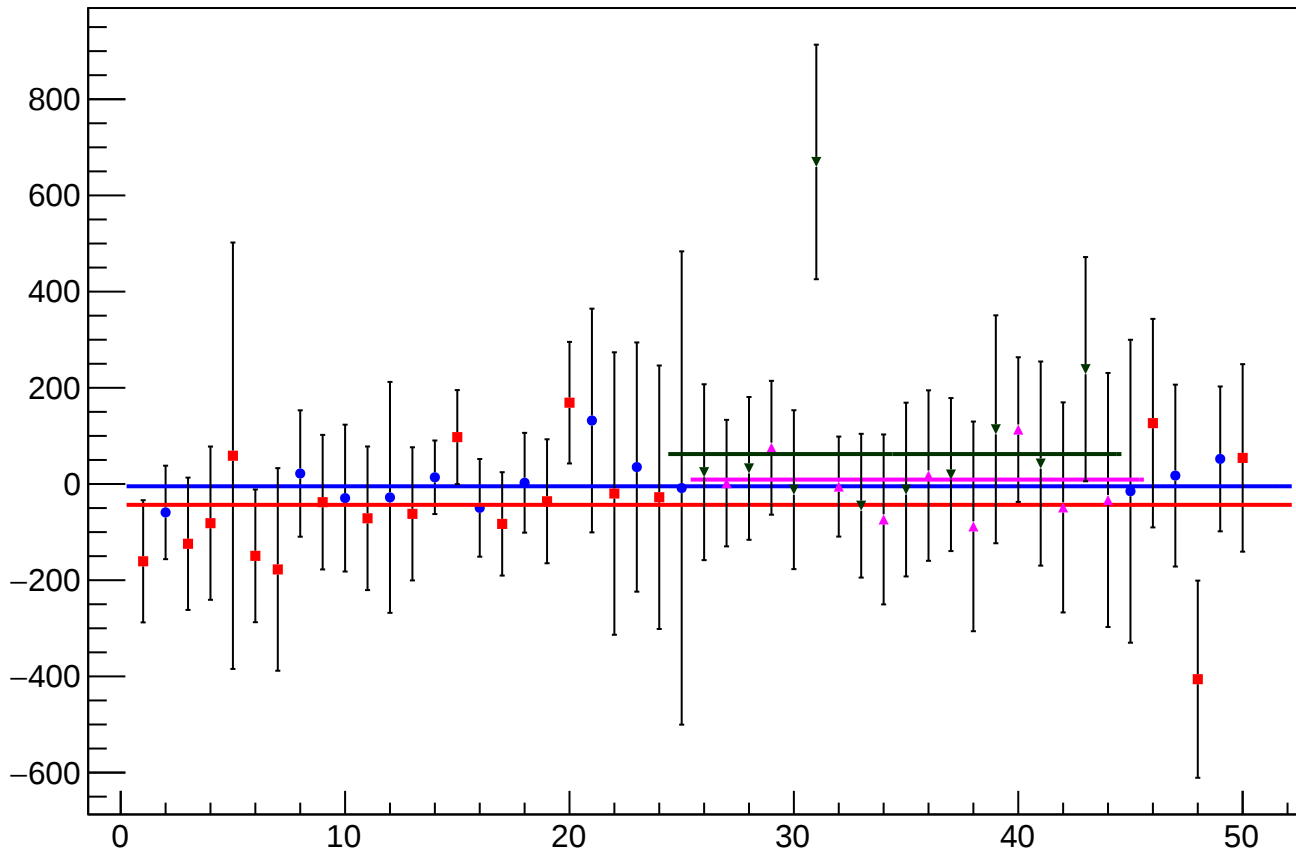
Left Out: 127.722+/-0.040 χ^2/NDF :192416.0/9

128.448+/-0.019 χ^2/NDF : 7212044.5/49

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

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

asym_bcm_an_ds3_mean vs slug



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

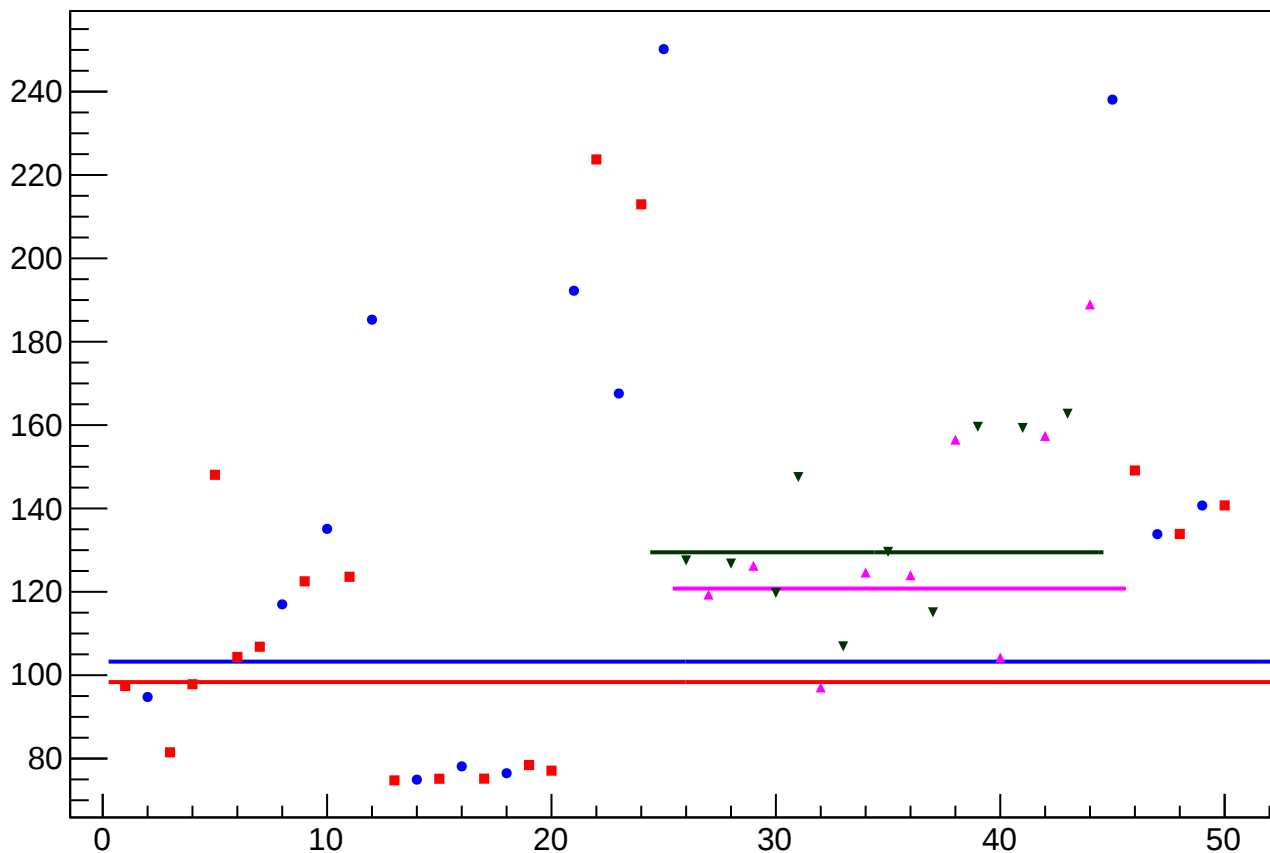
Left Out: 62.264 ± 57.532 $\chi^2/\text{NDF}: 7.9/9$

-7.159 ± 21.488 $\chi^2/\text{NDF}: 24.3/49$

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

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

asym_bcm_an_ds3_rms vs slug



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

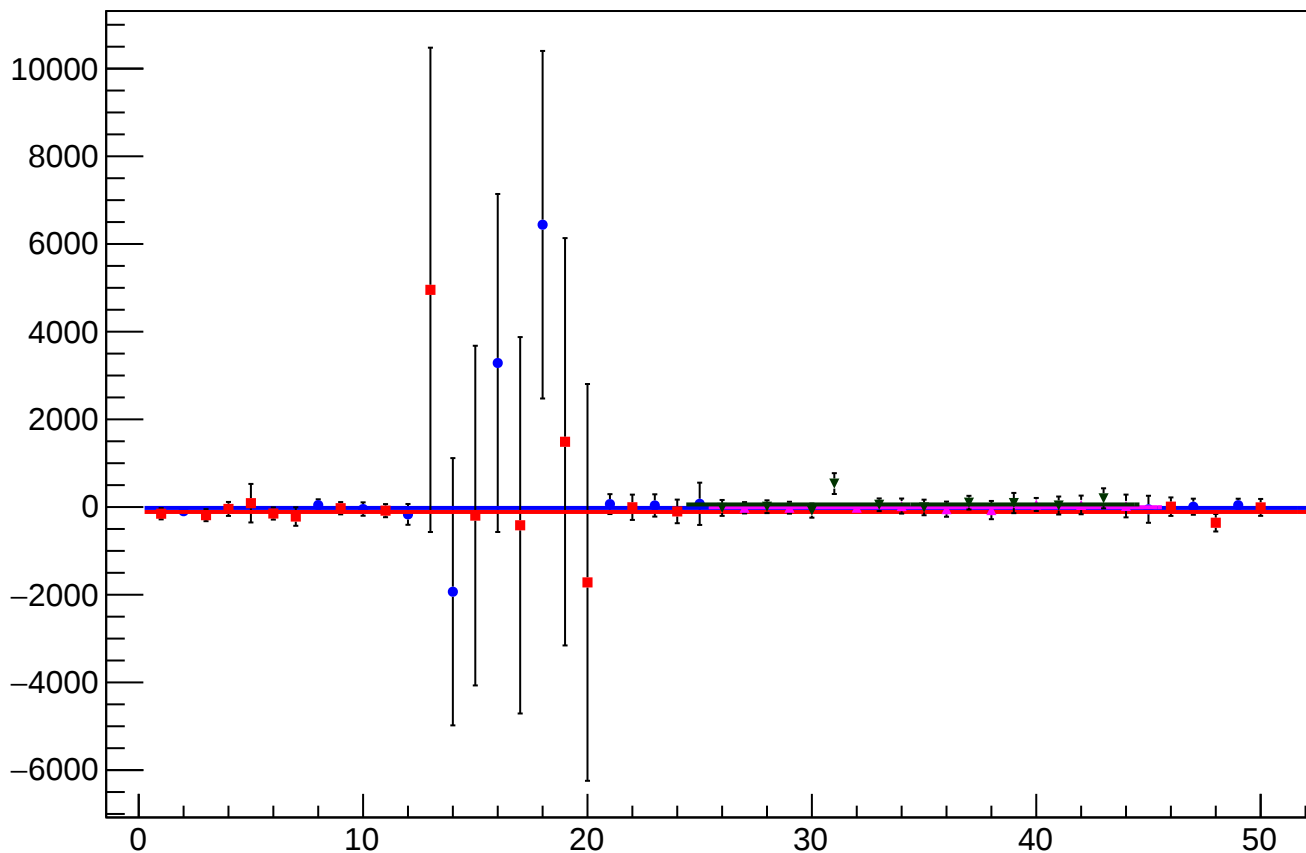
Left Out: 129.483+/-0.041 χ^2/NDF :193272.5/9

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

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

108.082+/-0.015 χ^2/NDF : 4698296.9/49

asym_bcm_an_us_mean vs slug



Right In: -20.118 $\pm$ 54.607 χ^2 /NDF: 5.4/12

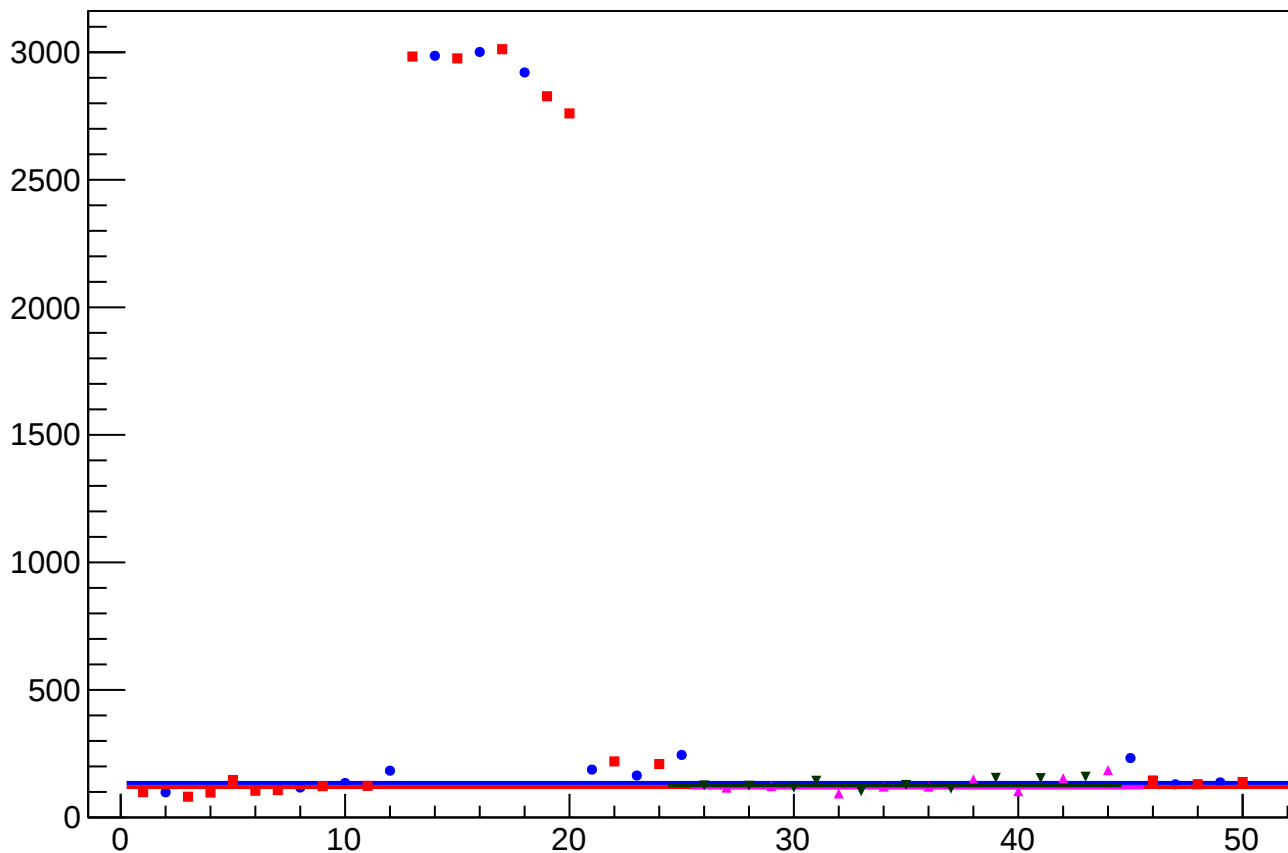
Left Out: 59.322 $\pm$ 56.217 χ^2 /NDF: 5.7/9

Right Out: -112.055 $\pm$ 48.317 χ^2 /NDF: 4.9/17

Left In: -4.192 $\pm$ 50.903 χ^2 /NDF: 0.5/8

-25.642 $\pm$ 26.117 χ^2 /NDF: 22.1/49

asym_bcm_an_us_rms vs slug



Right In: 135.401+/-0.039 χ^2/NDF : 4648853.7/12

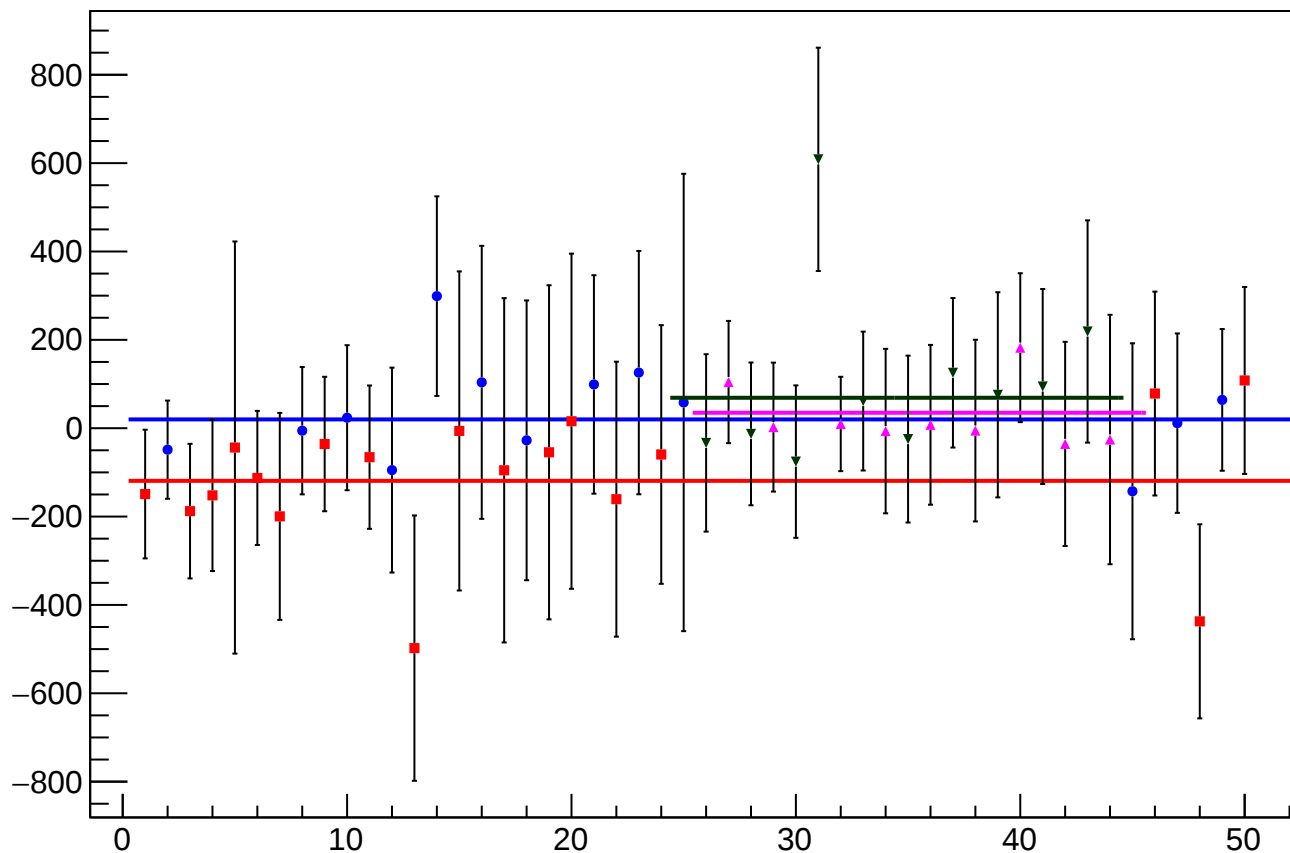
Left Out: 126.427+/-0.040 χ^2/NDF :196342.9/9

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

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

124.065+/-0.018 χ^2/NDF : 10055980.7/49

asym_bcm_dg_us_mean vs slug



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

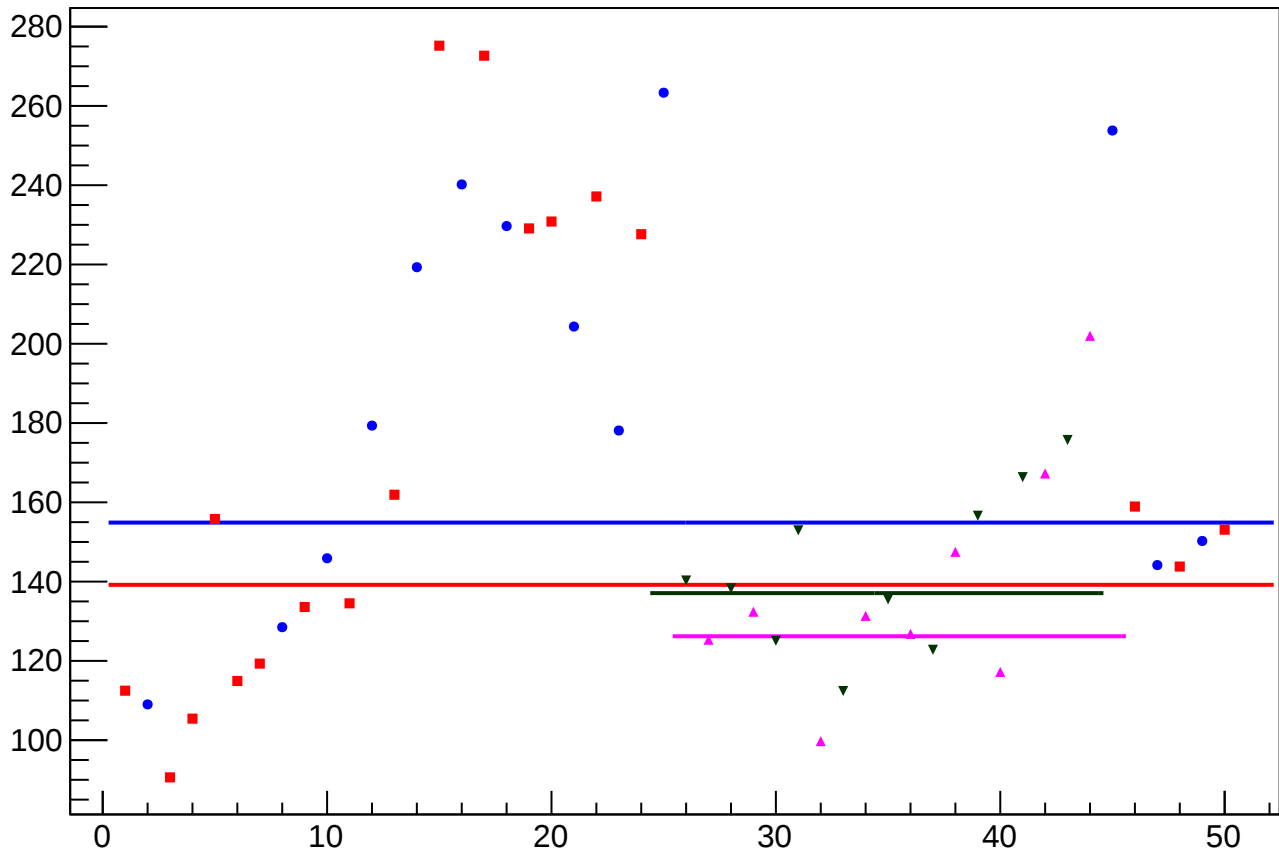
Left Out: 68.904 ± 60.779 χ^2/NDF : 6.5/9

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

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

-7.537 ± 27.398 χ^2/NDF : 24.8/49

asym_bcm_dg_us_rms vs slug



Right In: 154.890+/-0.039 χ^2/NDF : 1226391.6/12

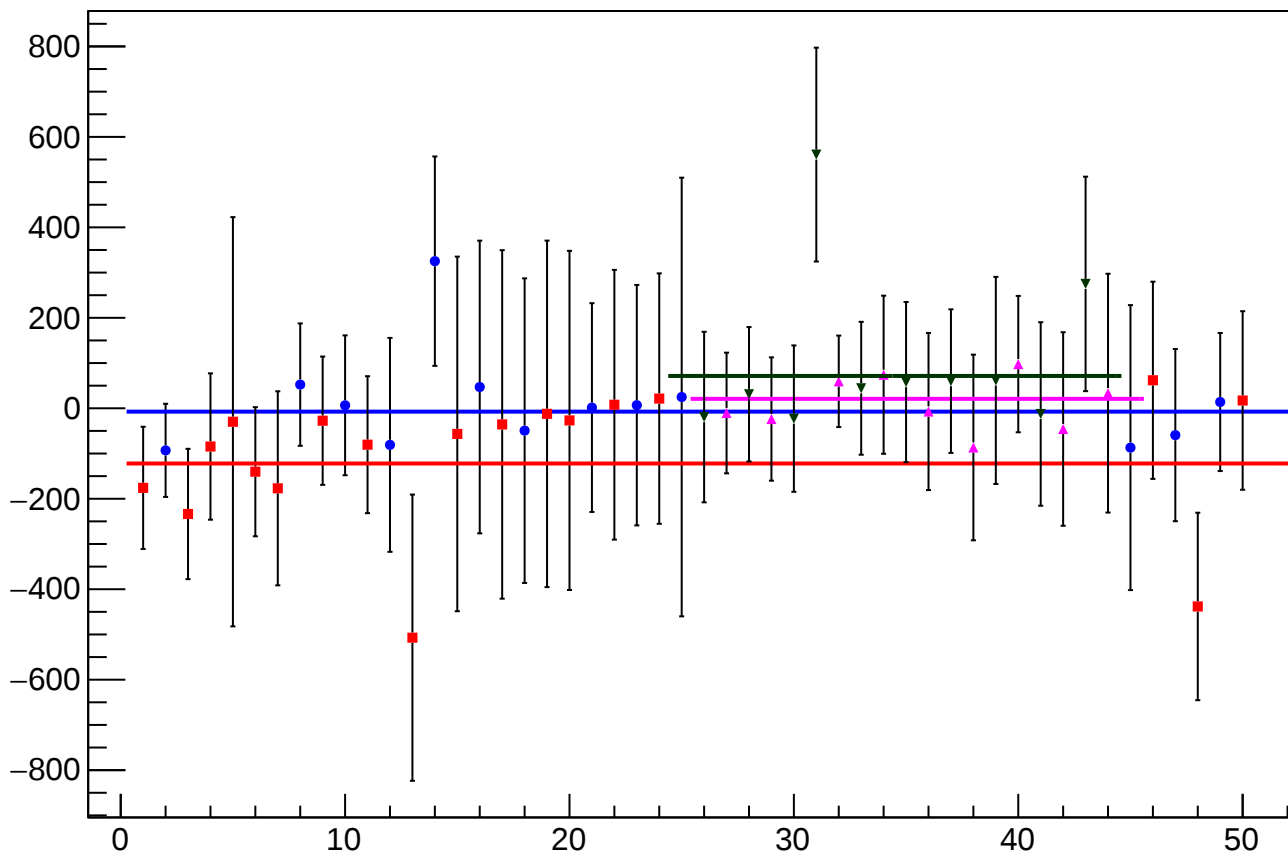
Left Out: 137.095+/-0.043 χ^2/NDF : 178426.5/9

139.378+/-0.019 χ^2/NDF : 3630938.6/49

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

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

asym_bcm_dg_ds_mean vs slug



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

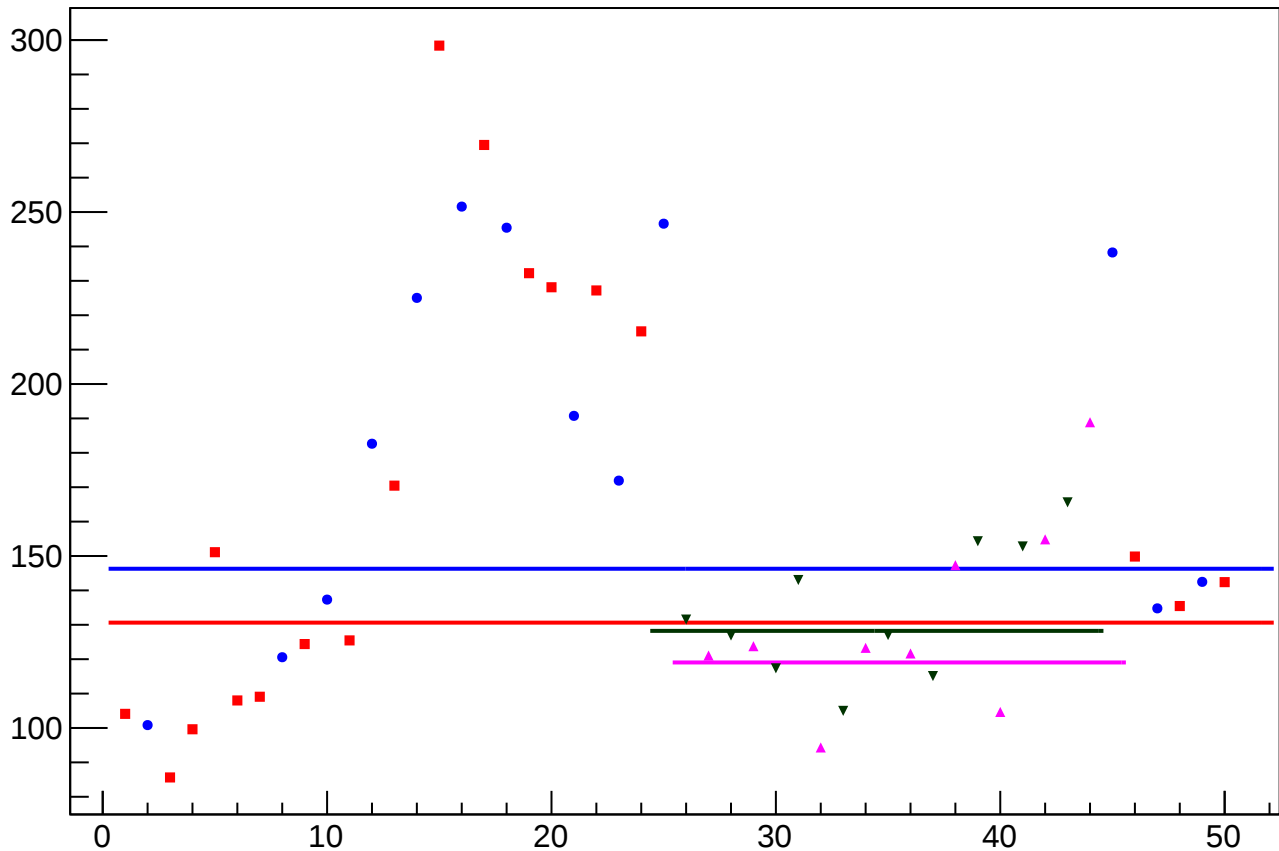
Left Out: 71.515 ± 56.917 $\chi^2/\text{NDF}: 5.9/9$

-17.862 ± 25.892 $\chi^2/\text{NDF}: 25.2/49$

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

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

asym_bcm_dg_ds_rms vs slug



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

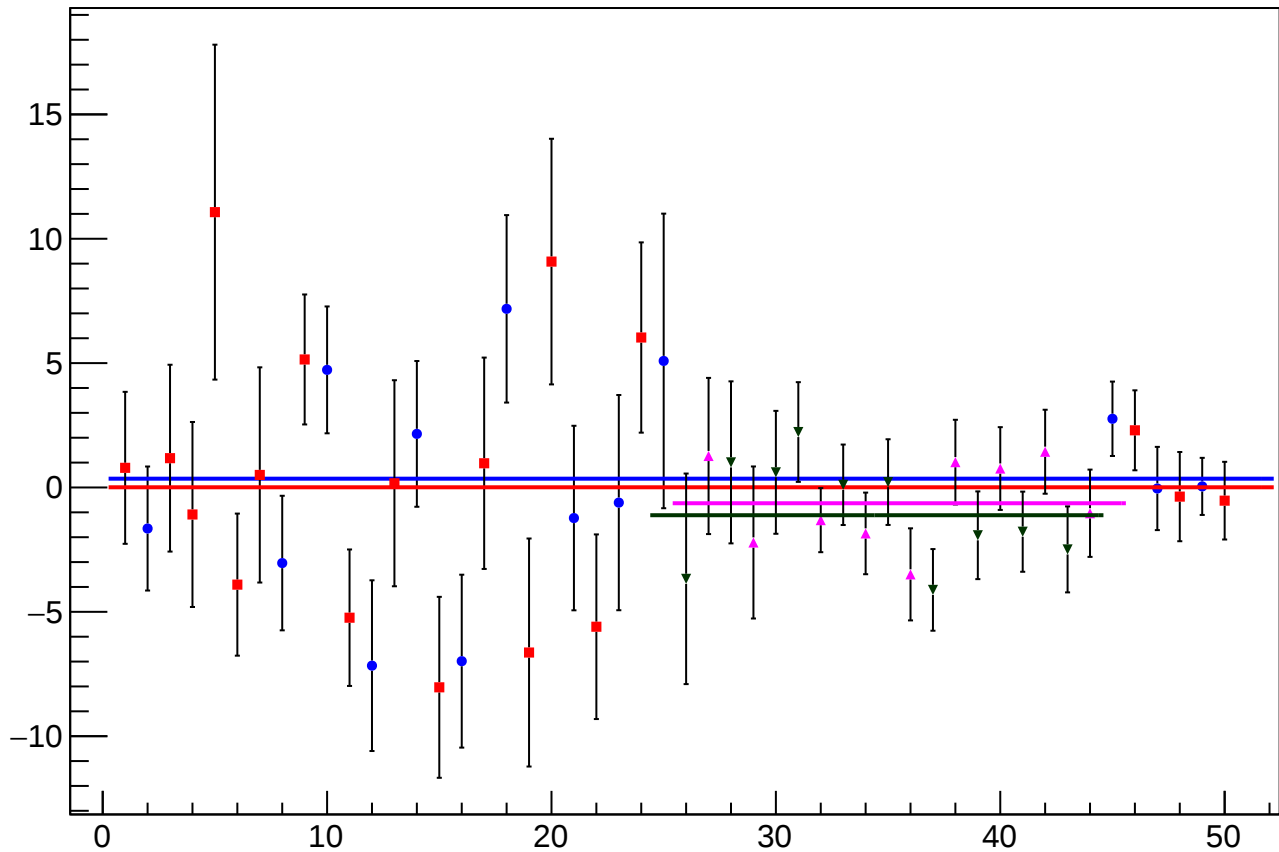
Left Out: 128.233+/-0.040 χ^2/NDF :186477.9/9

131.019+/-0.018 χ^2/NDF : 4117031.1/49

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

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

asym_cav4bQ_mean vs slug



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

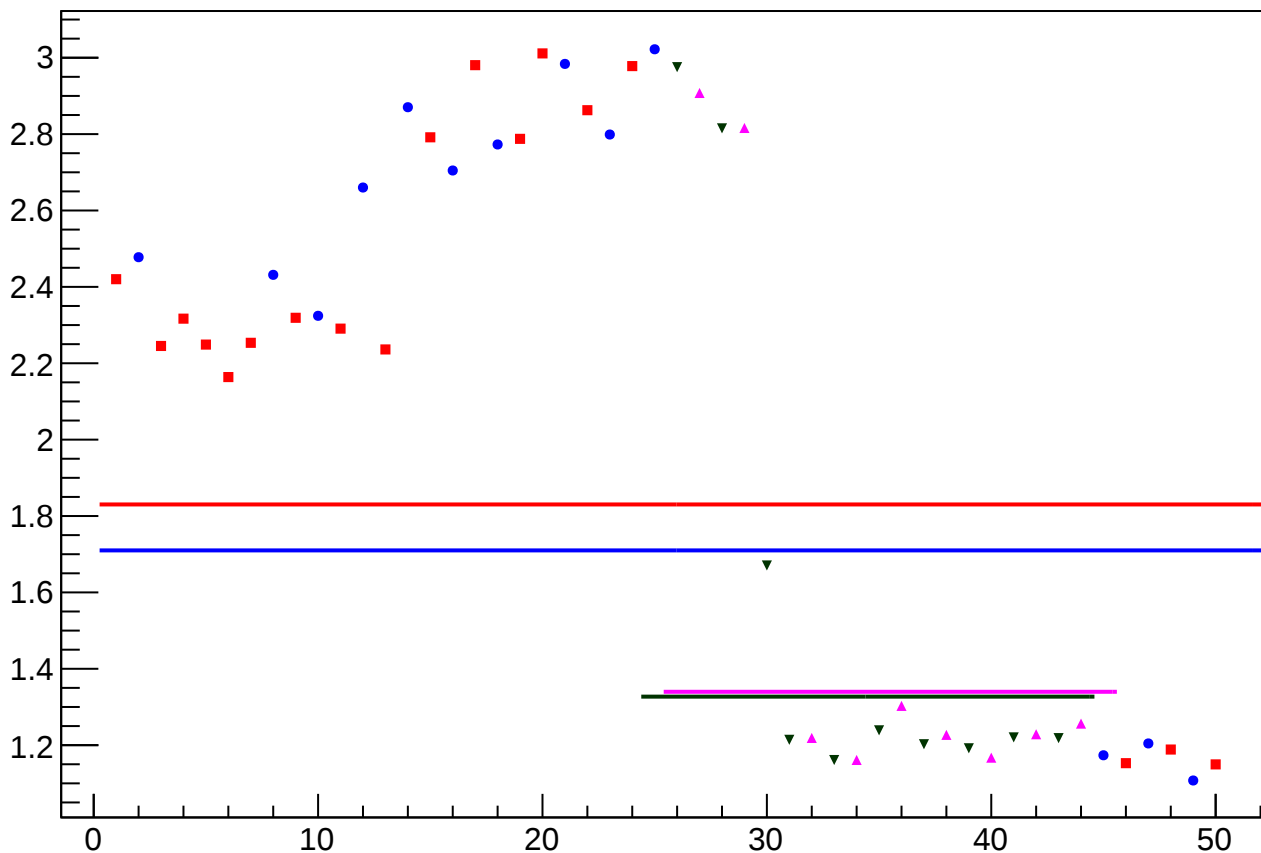
Left Out: -1.116 ± 0.609 χ^2/NDF : 9.6/9

Right Out: 0.007 ± 0.666 χ^2/NDF : 29.7/17

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

-0.378 ± 0.311 χ^2/NDF : 71.4/49

asym_cav4bQ_rms vs slug



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

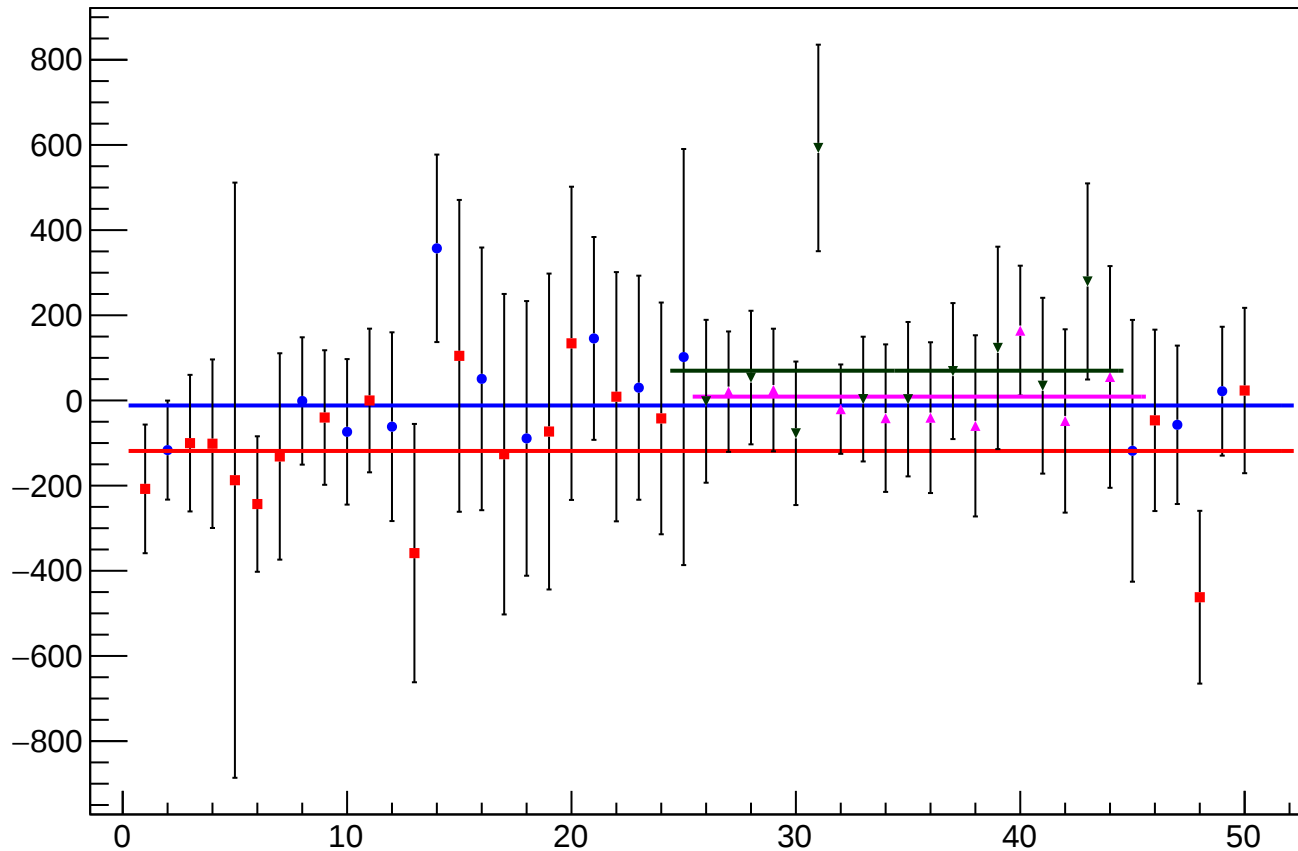
Left Out: 1.327+/-0.000 χ^2/NDF :831904.3/9

1.534+/-0.000 χ^2/NDF : 7717019.8/49

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

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

asym_cav4cQ_mean vs slug



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

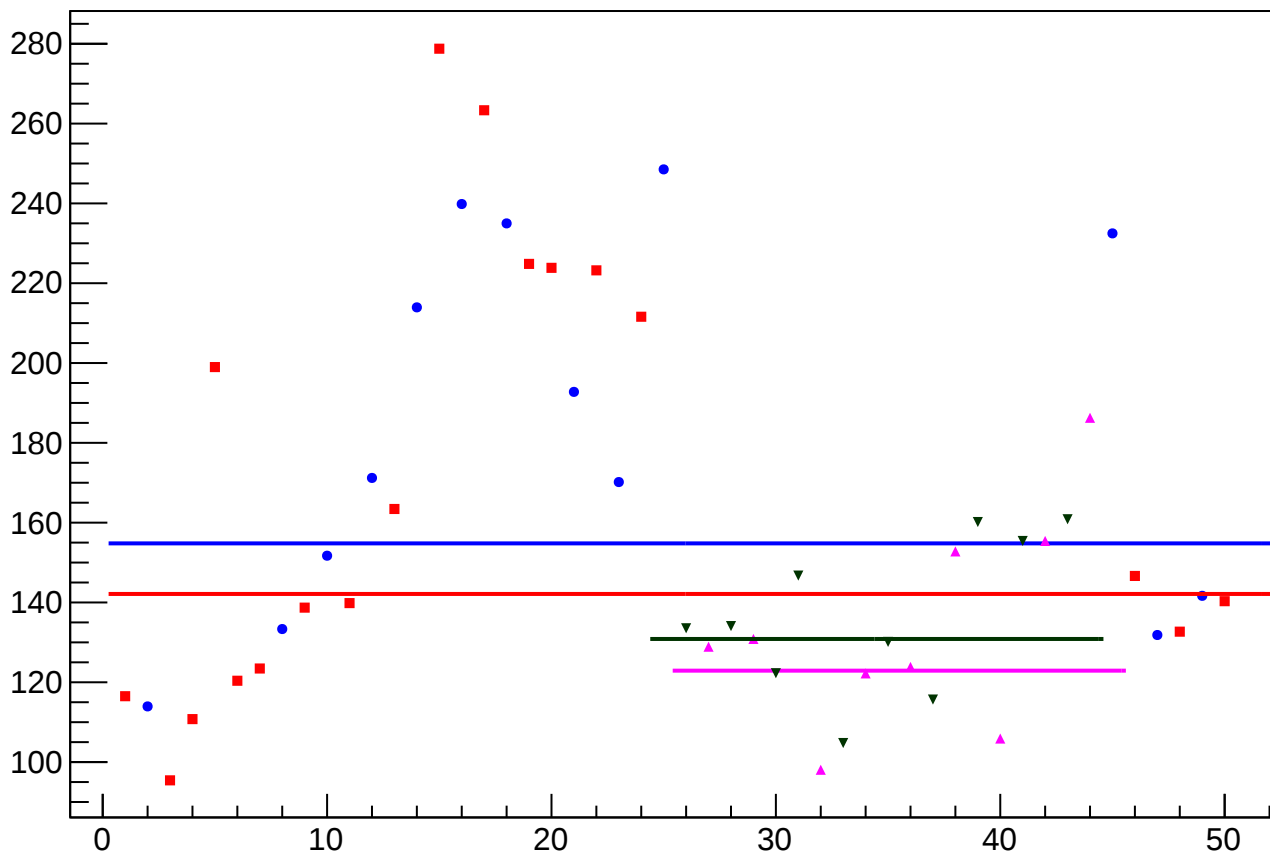
Left Out: 69.857 ± 58.074 $\chi^2/\text{NDF}: 6.8/9$

-18.389 ± 27.058 $\chi^2/\text{NDF}: 26.4/49$

Right Out: -118.612 ± 51.291 $\chi^2/\text{NDF}: 7.0/17$

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

asym_cav4cQ_rms vs slug



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

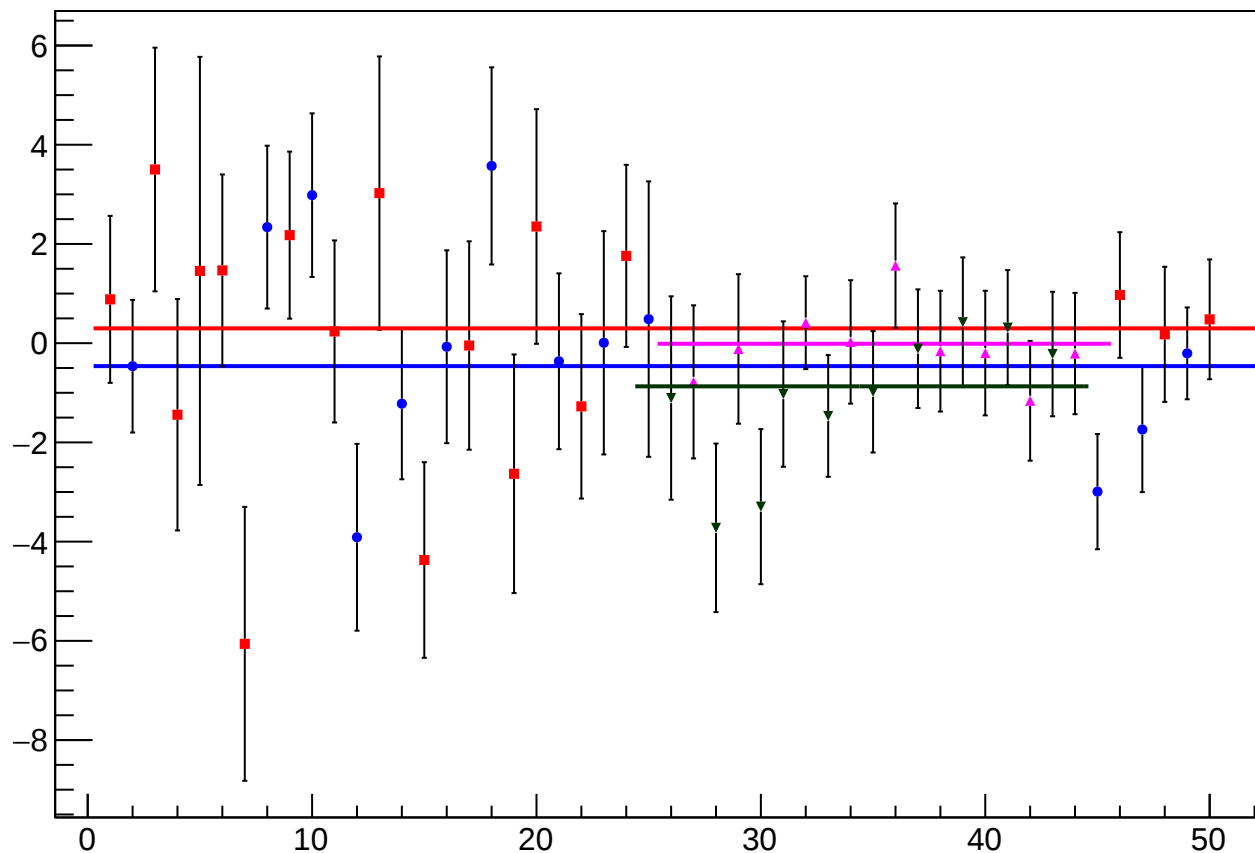
Left Out: 130.853+/-0.041 χ^2/NDF :189147.6/9

137.772+/-0.019 χ^2/NDF : 3281693.8/49

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

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

asym_cav4dQ_mean vs slug



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

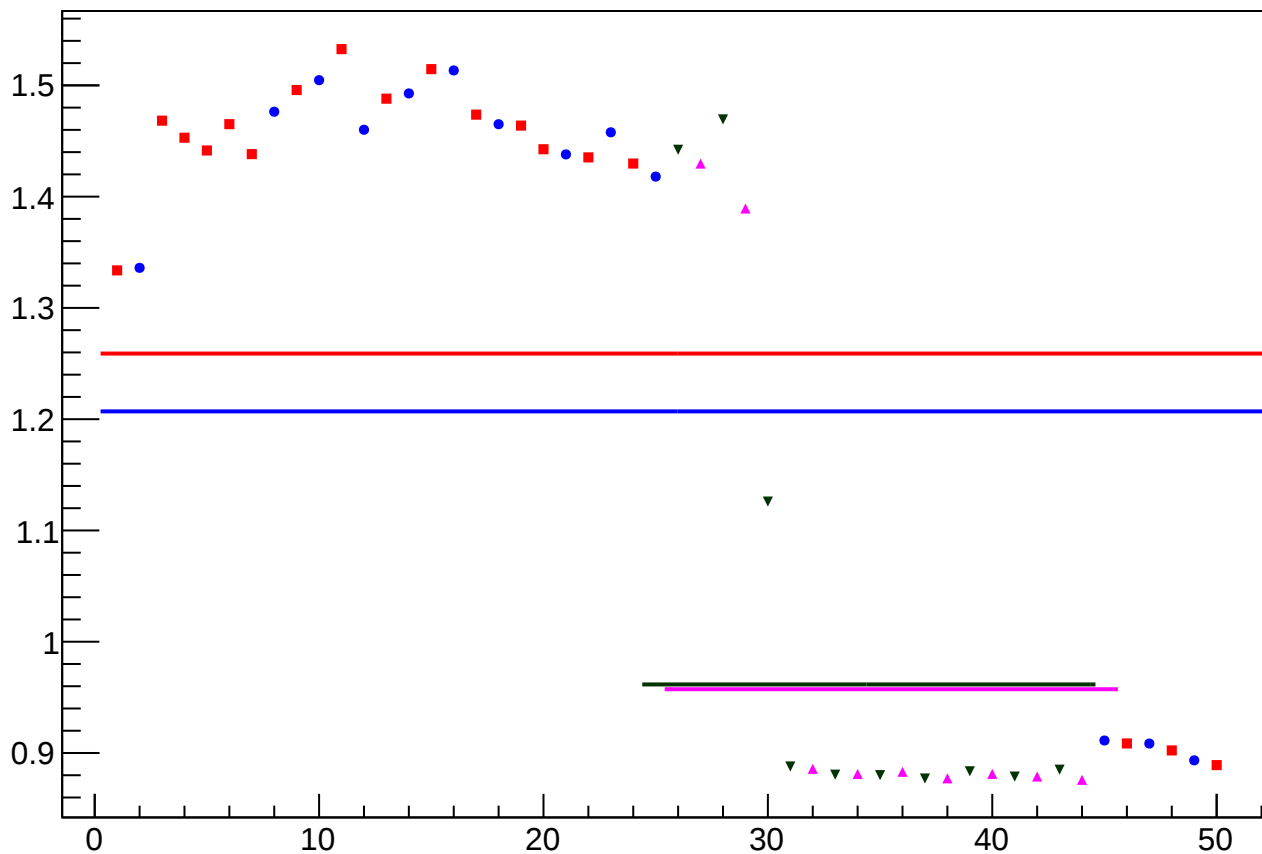
Left Out: -0.870 ± 0.428 $\chi^2/\text{NDF}: 8.2/9$

Right Out: 0.299 ± 0.438 $\chi^2/\text{NDF}: 19.9/17$

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

-0.264 ± 0.212 $\chi^2/\text{NDF}: 56.4/49$

asym_cav4dQ_rms vs slug



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

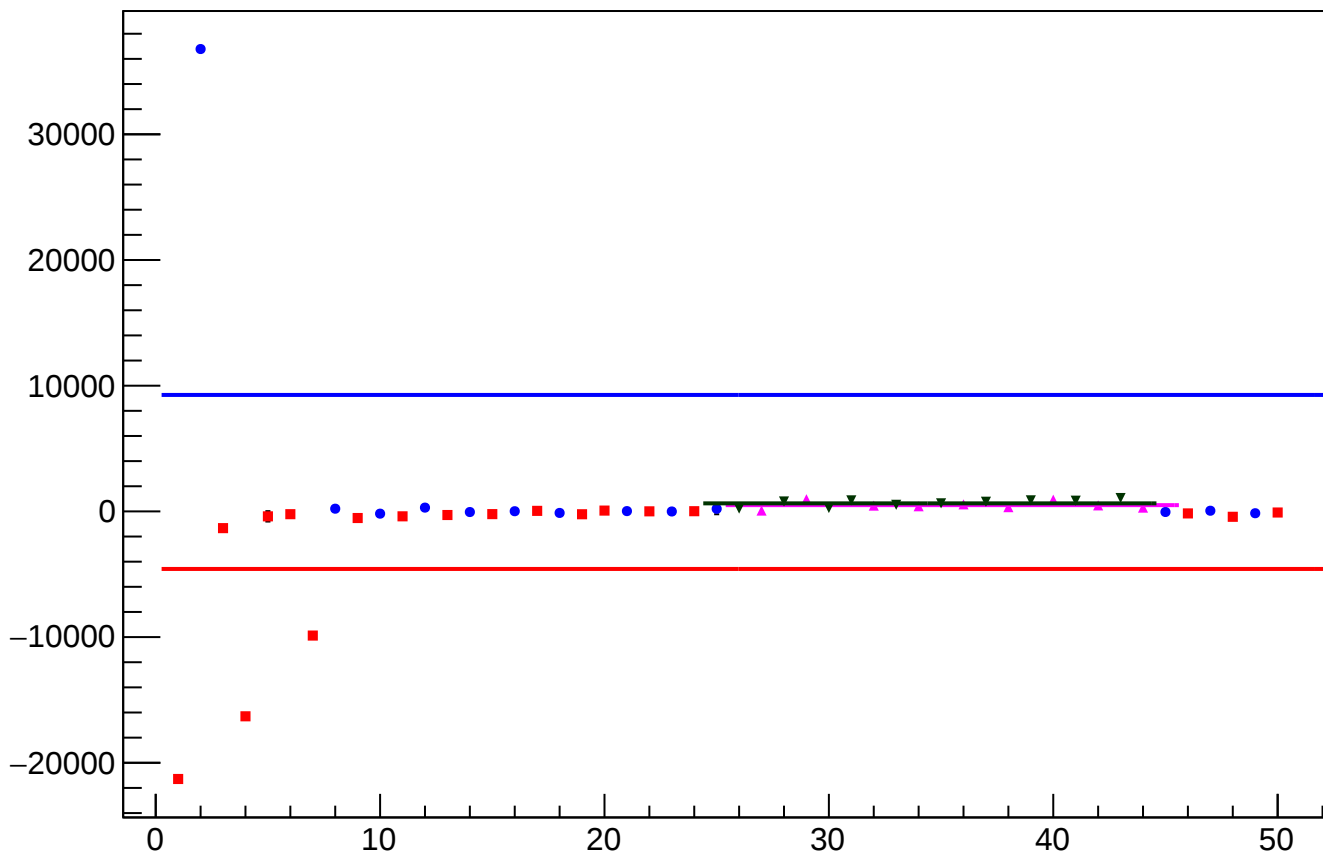
Left Out: 0.962+/-0.000 χ^2/NDF : 368279.6/9

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

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

1.093+/-0.000 χ^2/NDF : 3251126.6/49

asym_bcm0l02_mean vs slug



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

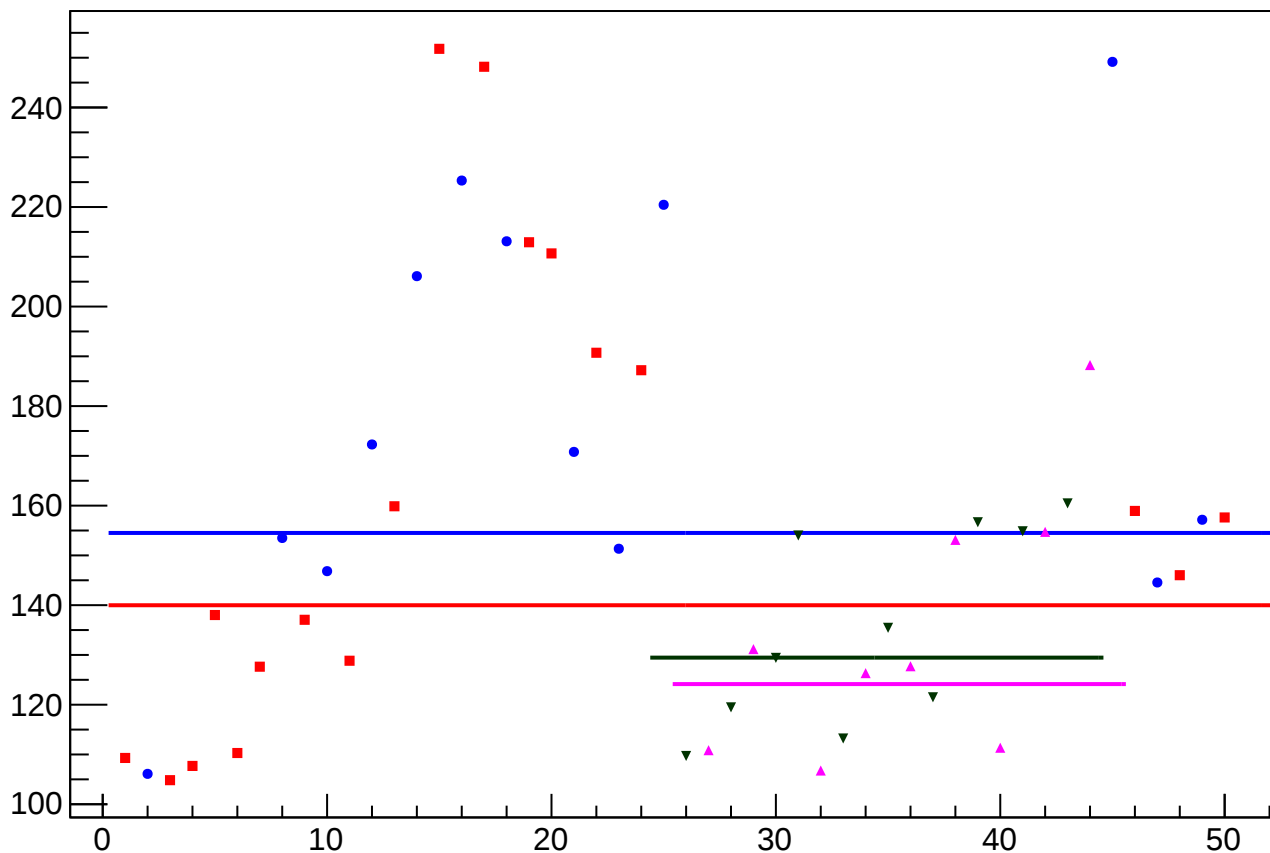
Left Out: 639.239+/-57.504 χ^2/NDF : 20.2/9

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

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

1192.731+/-26.815 χ^2/NDF : 145180.0/49

asym_bcm0l02_rms vs slug



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

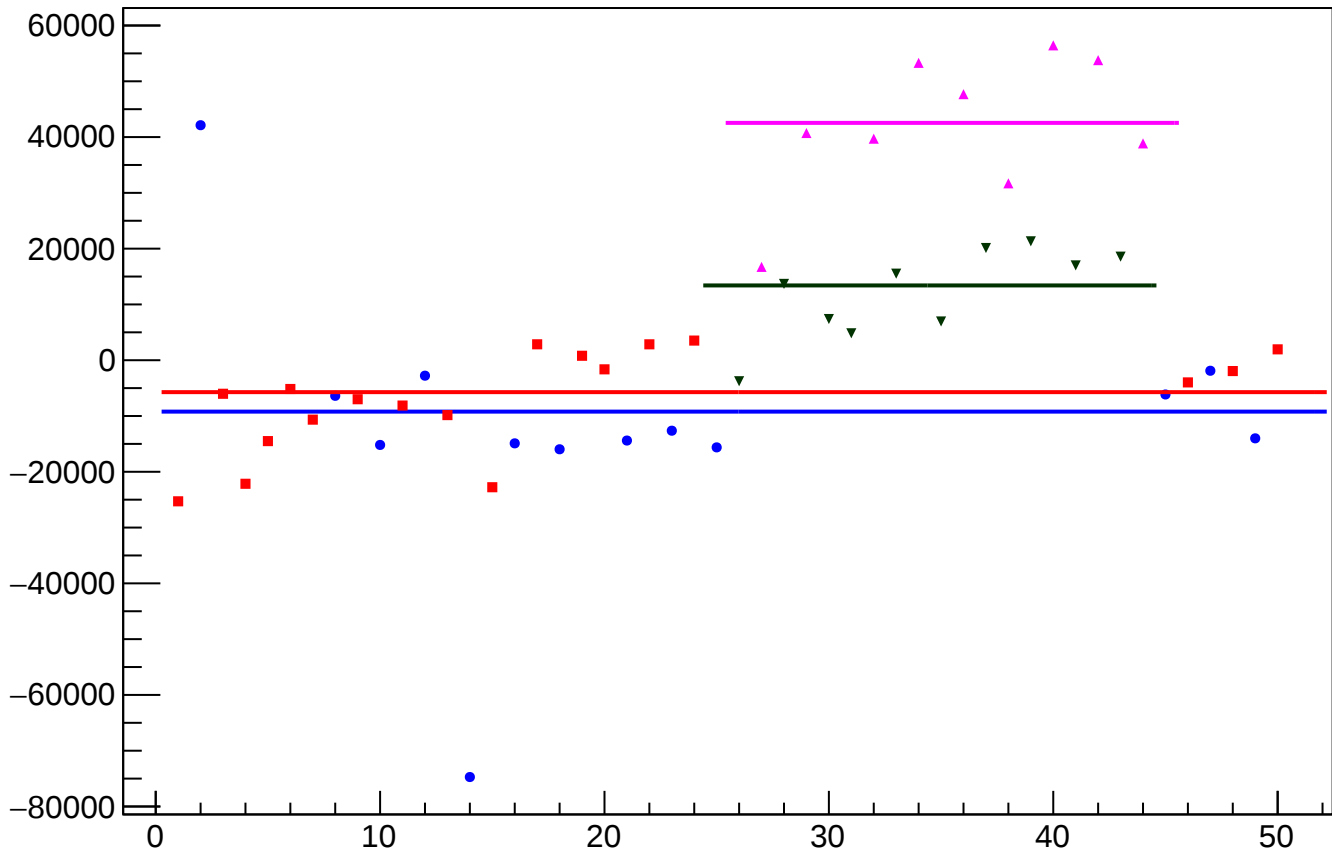
Left Out: 129.459+/-0.041 χ^2/NDF : 182455.9/9

137.201+/-0.019 χ^2/NDF : 2908669.4/49

Right Out: 139.985+/-0.035 χ^2/NDF : 1113950.7/17

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

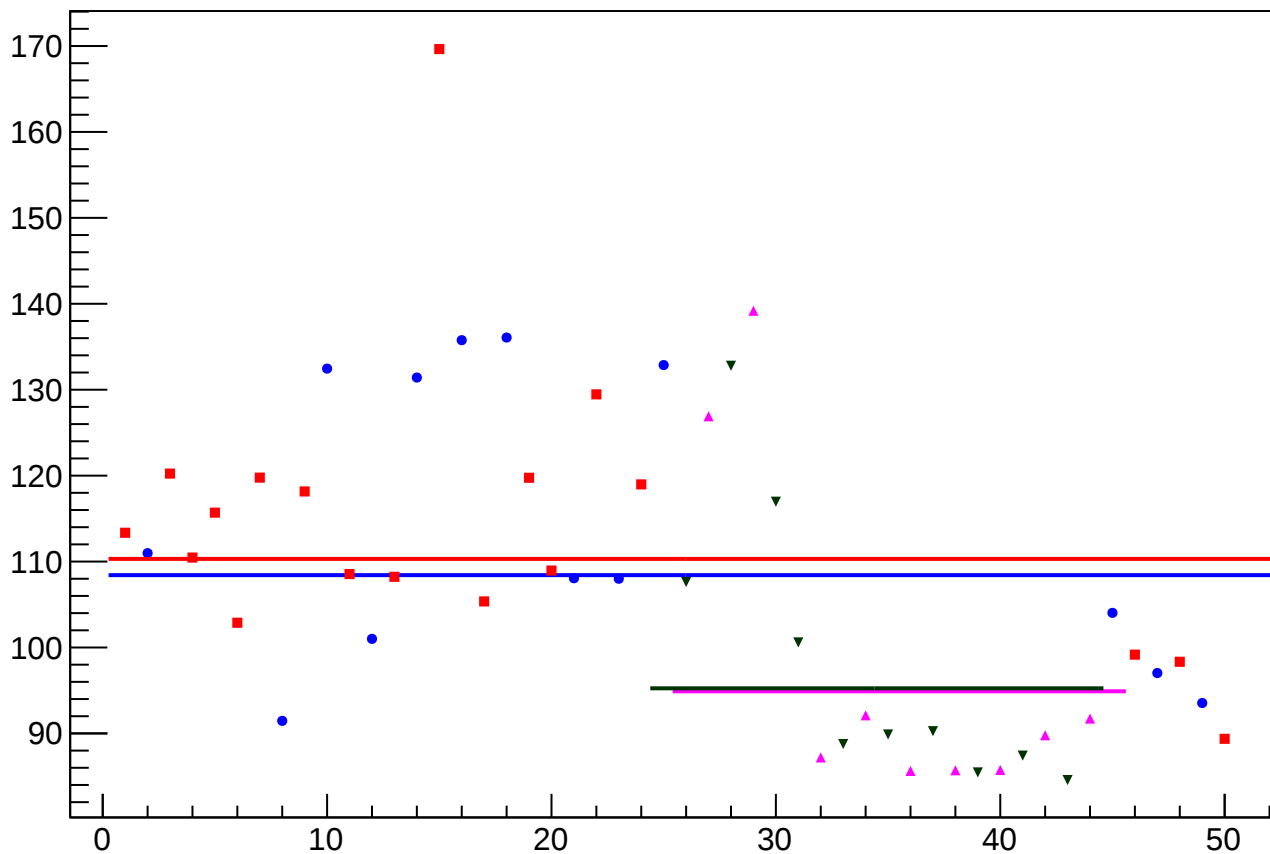
Left Out: 13405.362+/-42.893 χ^2/NDF : 28720.4/9

8810.514+/-20.066 χ^2/NDF : 1632389.4/49

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

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

asym_bpm2i01WS_rms vs slug



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

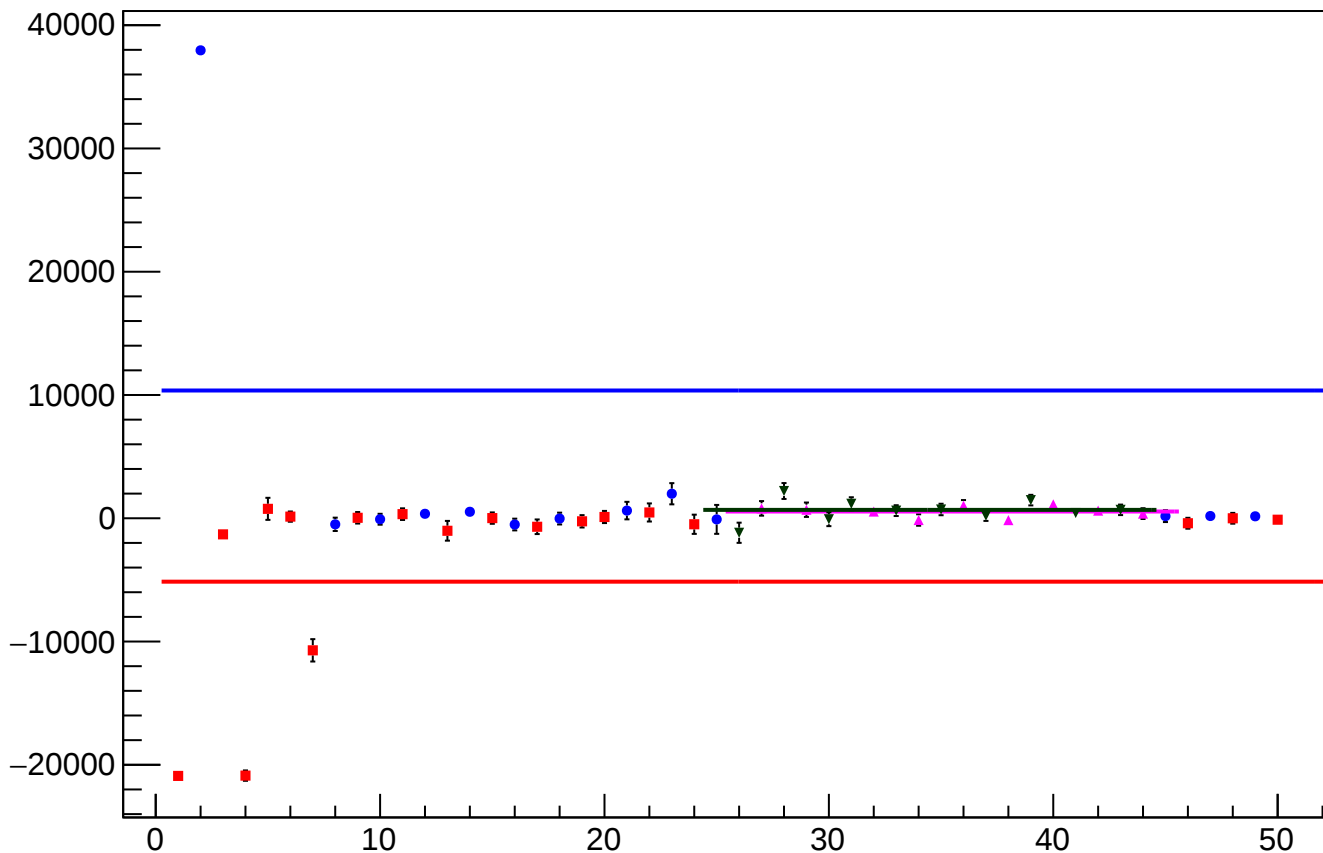
Left Out: 95.249+/-0.030 χ^2/NDF :204901.3/9

102.866+/-0.014 χ^2/NDF : 1378764.8/49

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

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

asym_bpm0i07WS_mean vs slug



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

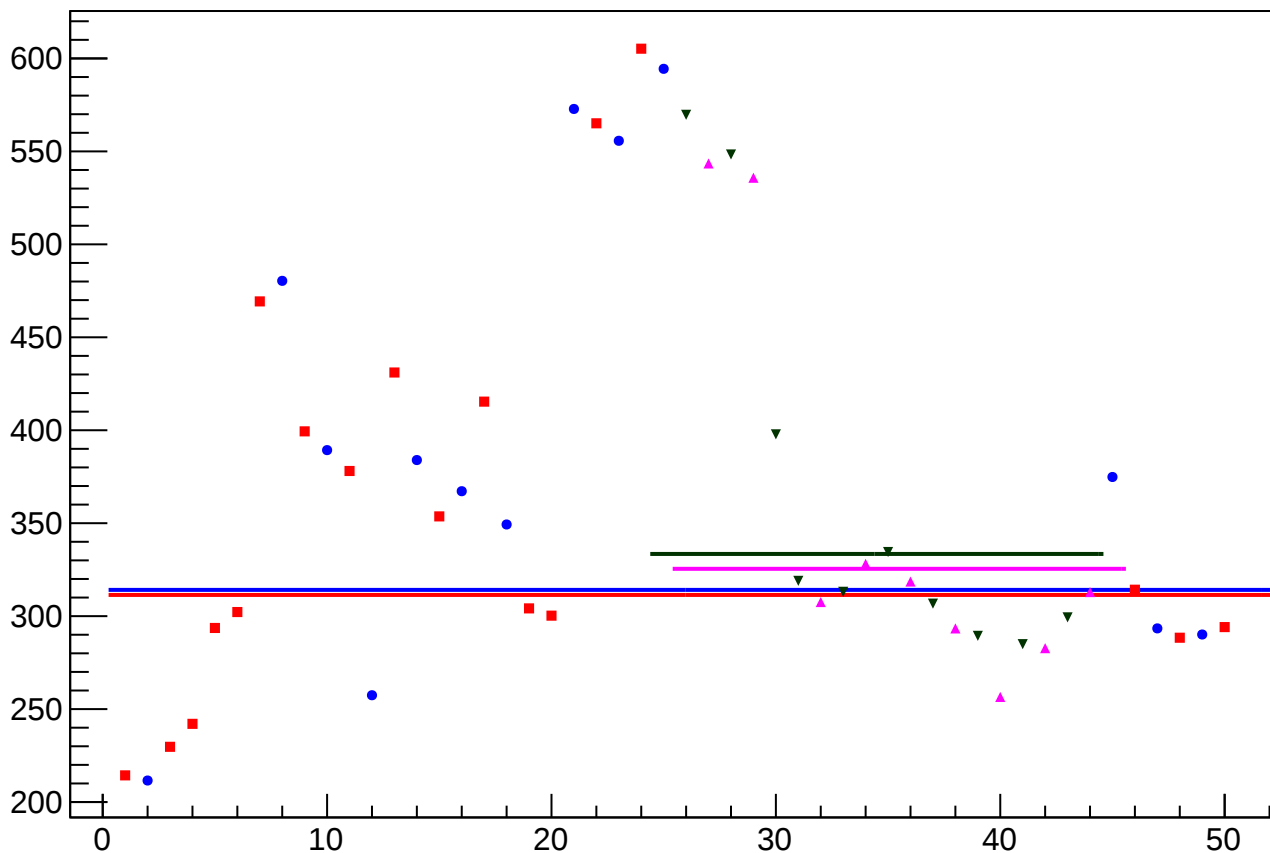
Left Out: 679.433+/-150.483 χ^2 /NDF:18.7/9

Right Out: -5144.003+/-112.090 χ^2 /NDF: 6084.0/17

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

1864.745+/-62.840 χ^2 /NDF: 38308.3/49

asym_bpm0i07WS_rms vs slug



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

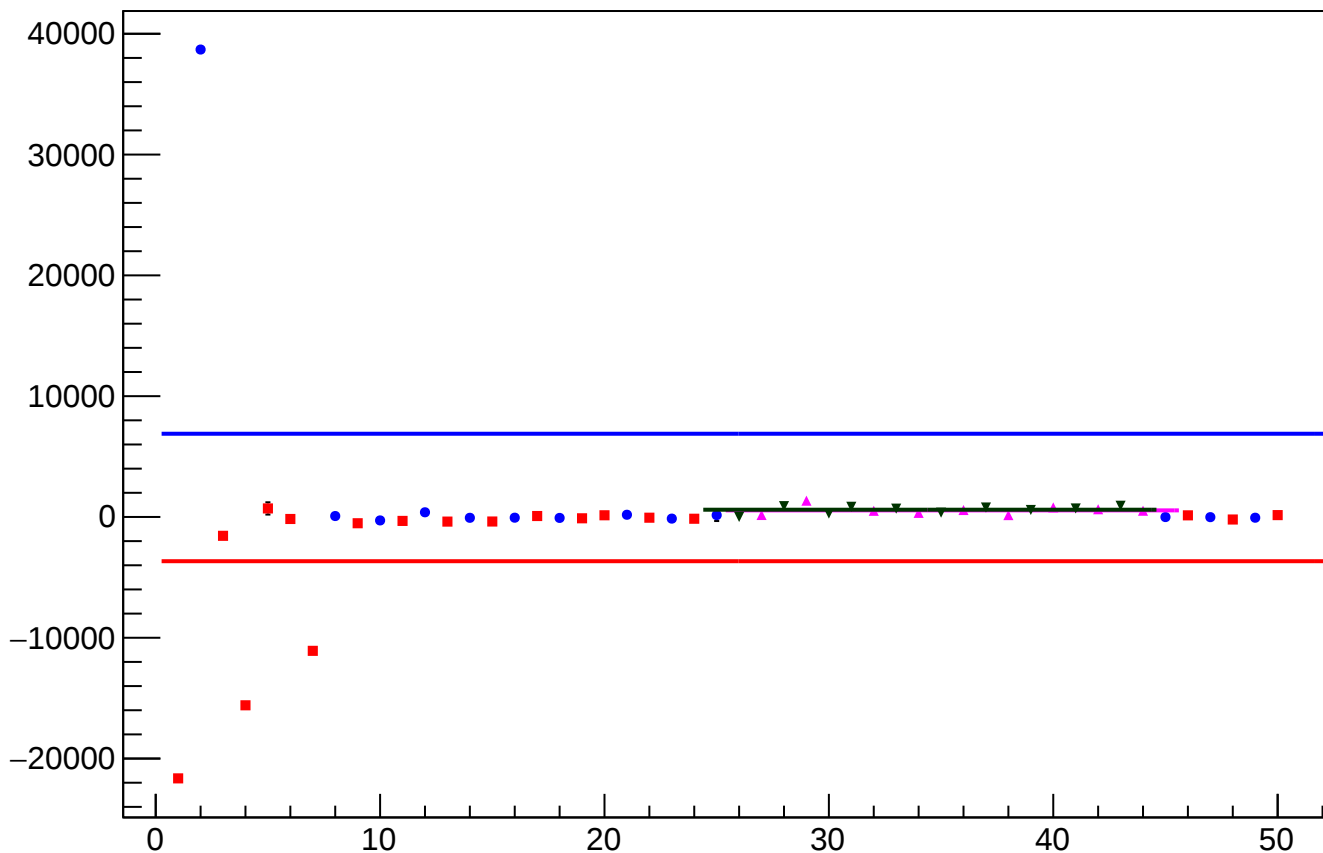
Left Out: 333.460+/-0.106 χ^2/NDF : 496634.9/9

318.881+/-0.044 χ^2/NDF : 3832359.0/49

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

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

asym_bpm0l01WS_mean vs slug



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

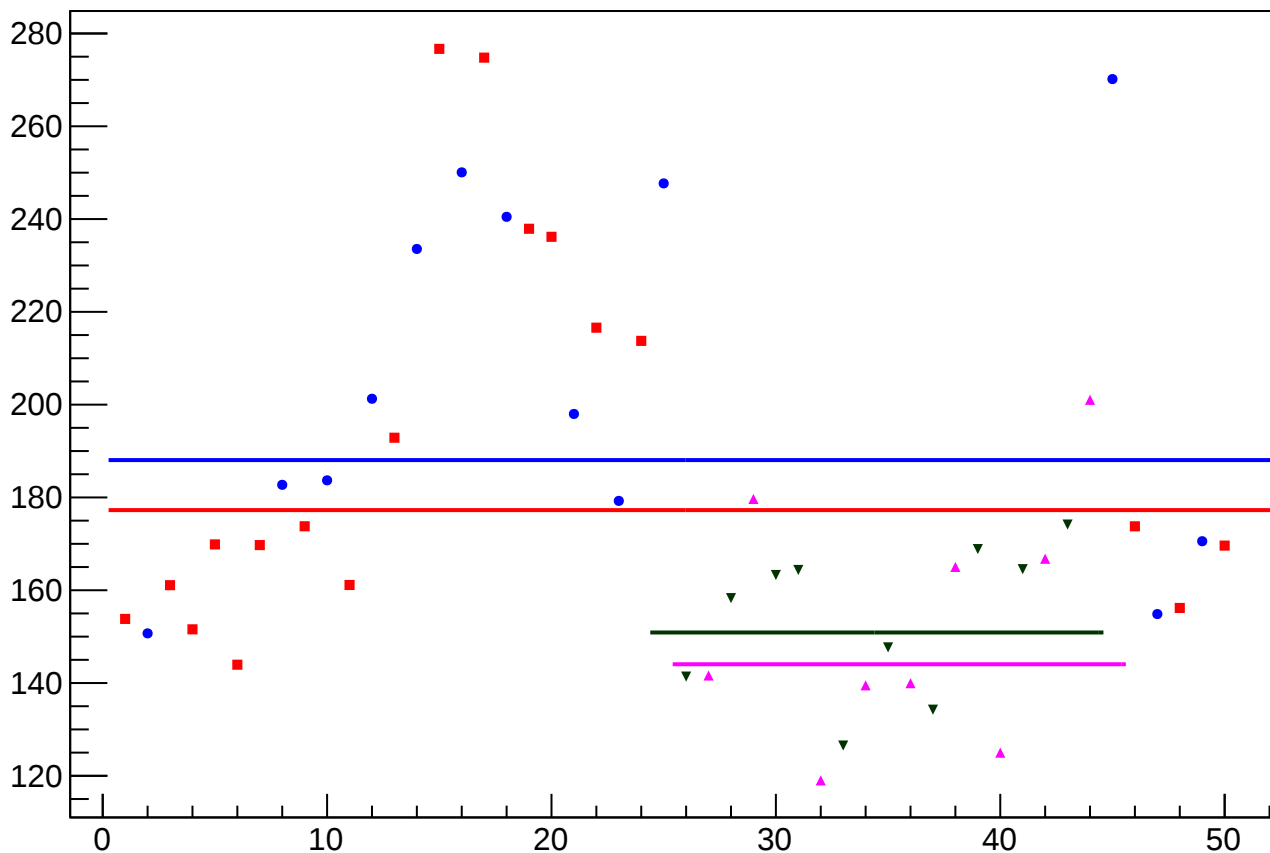
Left Out: 599.867+/-66.829 χ^2/NDF : 18.7/9

965.103+/-31.969 χ^2/NDF : 78525.1/49

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

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

asym_bpm0l01WS_rms vs slug



Right In: 188.052 $\pm$ 0.046 χ^2 /NDF: 529171.3/12

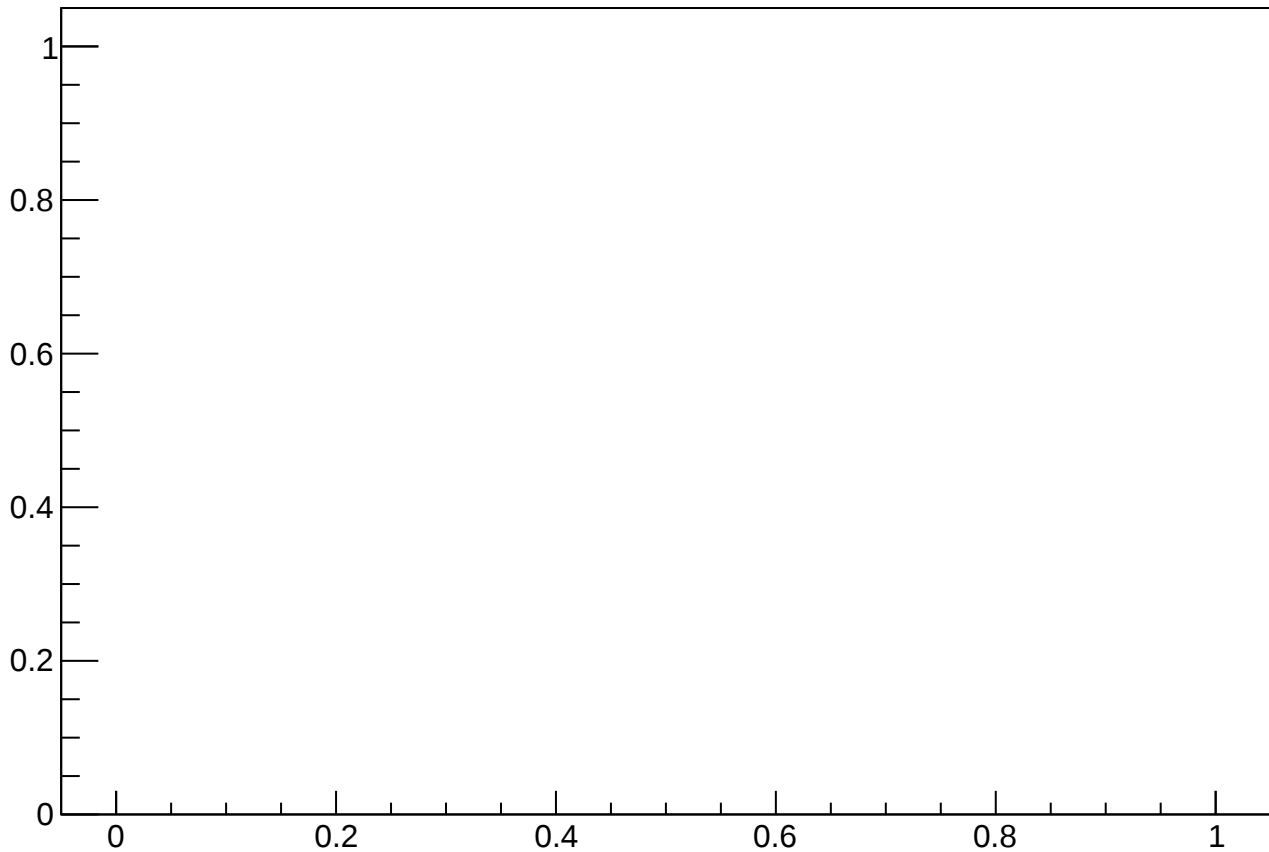
Left Out: 150.893 $\pm$ 0.047 χ^2 /NDF: 108919.3/9

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

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

164.896 $\pm$ 0.023 χ^2 /NDF: 2165592.4/49

bcm_an_us_ds_avg_mean vs slug



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

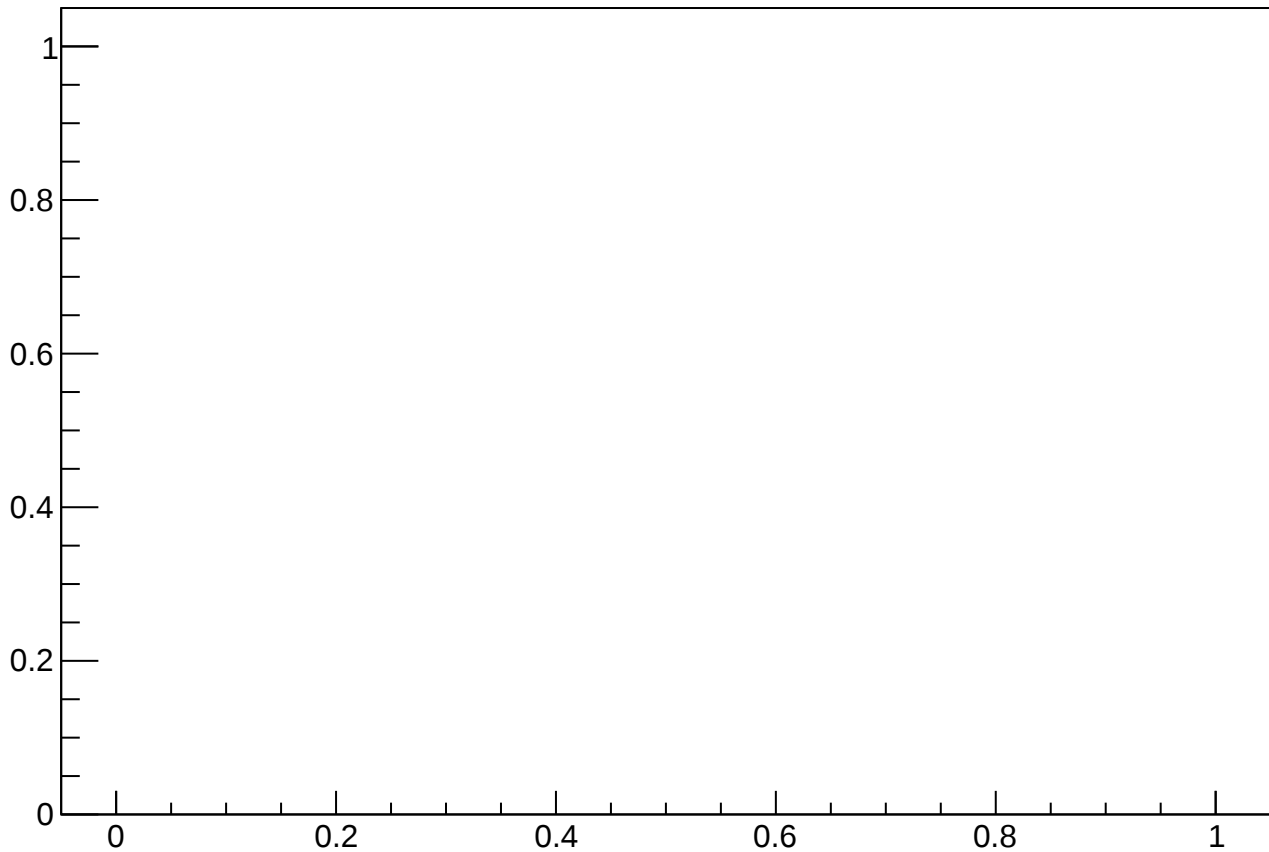
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

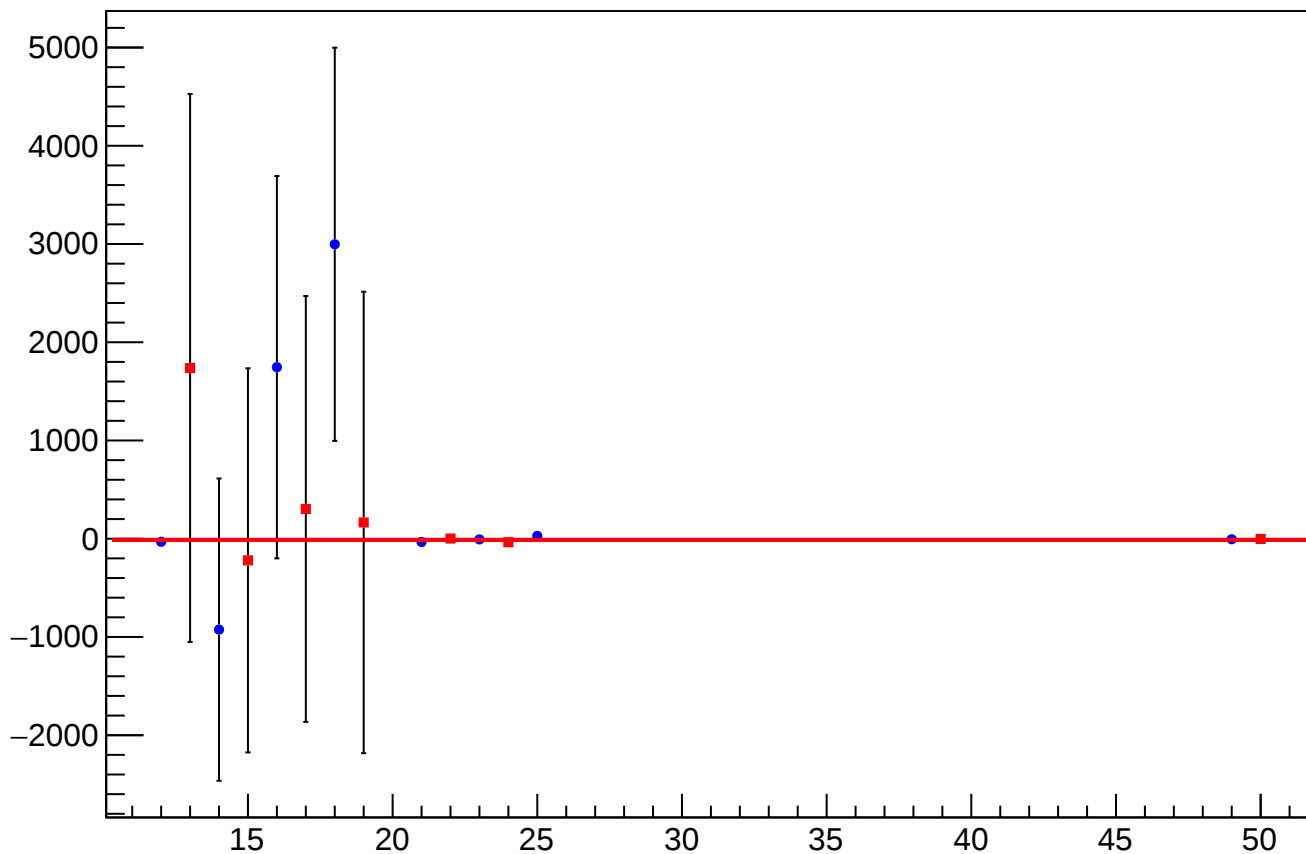
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

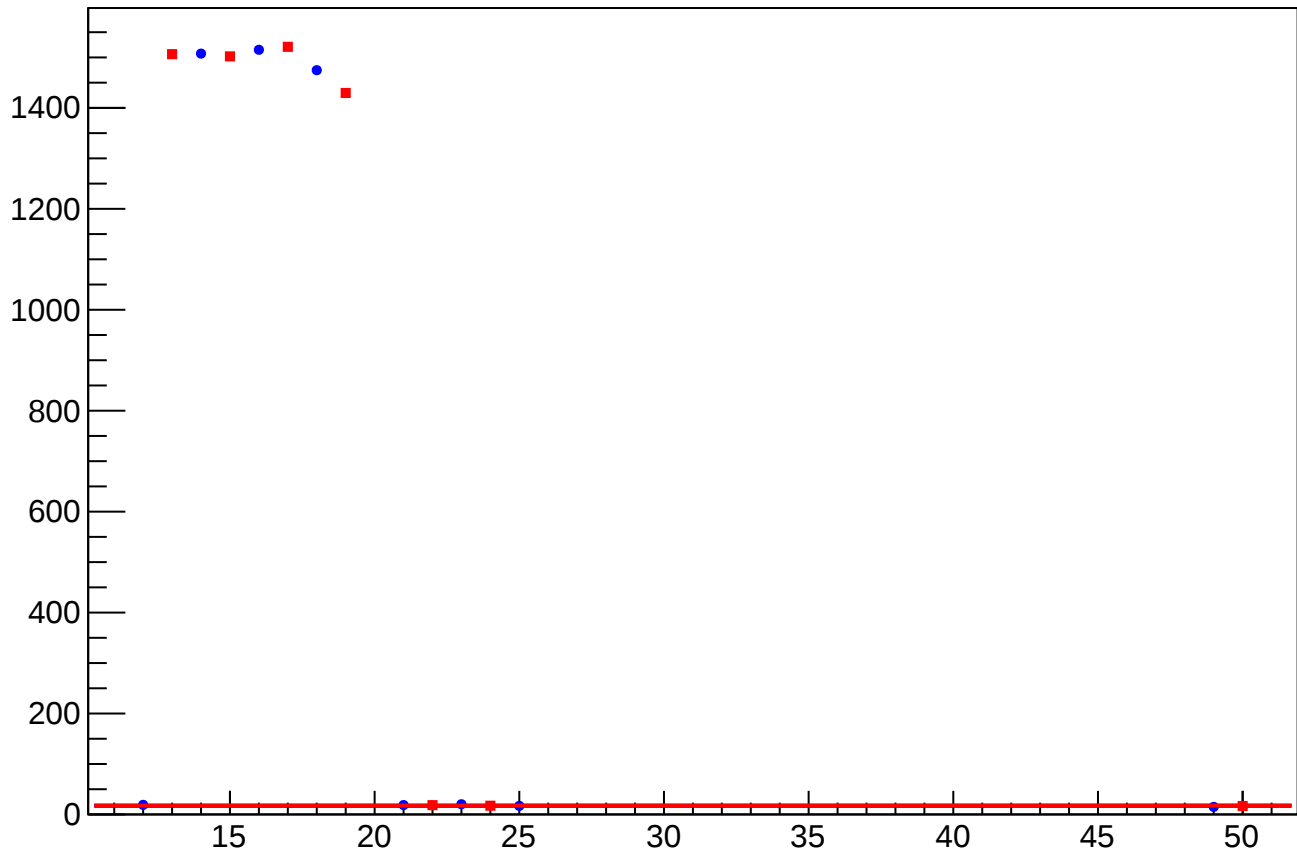
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

-11.743+/-8.393 χ^2 /NDF: 8.3/14

bcm_an_us_ds_dd_rms vs slug



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

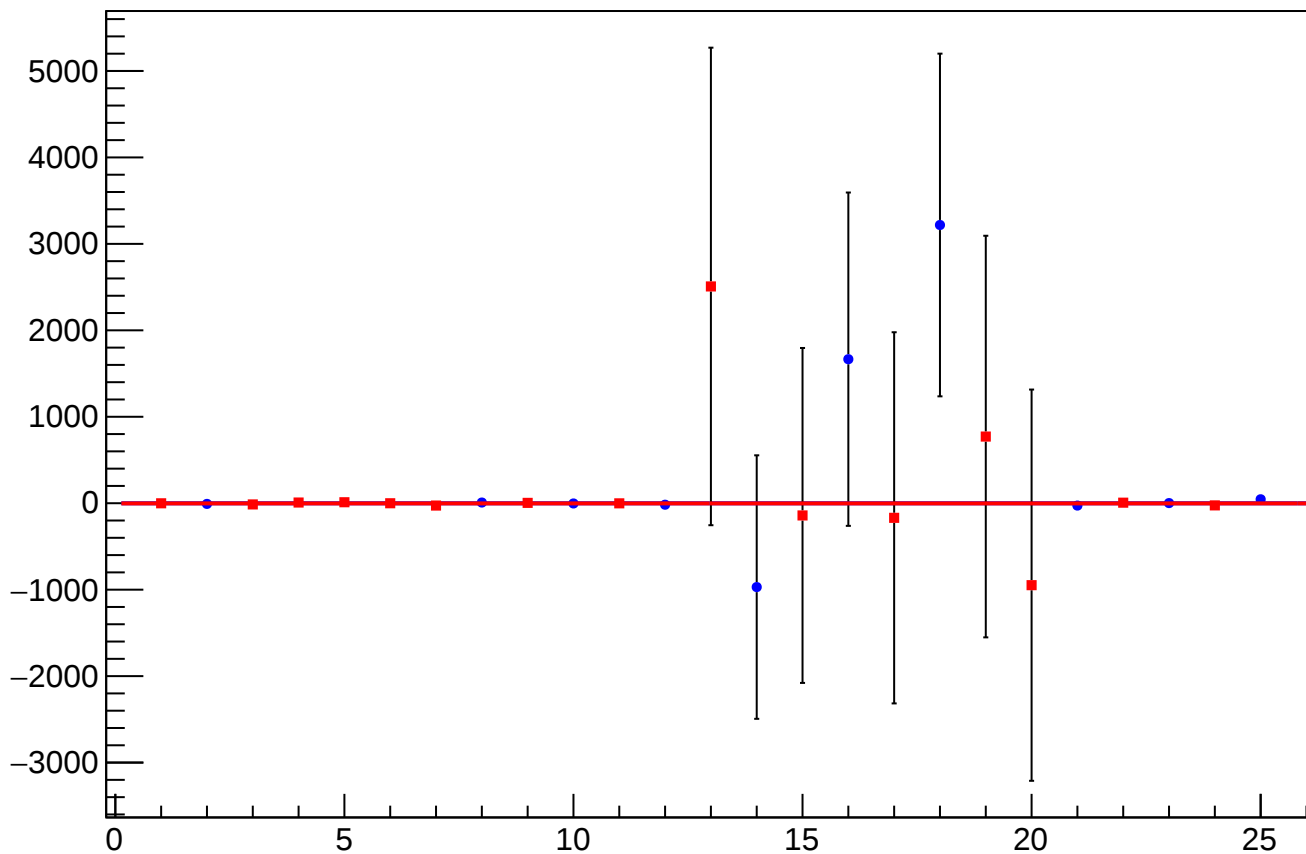
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

17.381+/-0.006 χ^2/NDF : 7608619.6/14

bcm_an_us_ds3_dd_mean vs slug



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

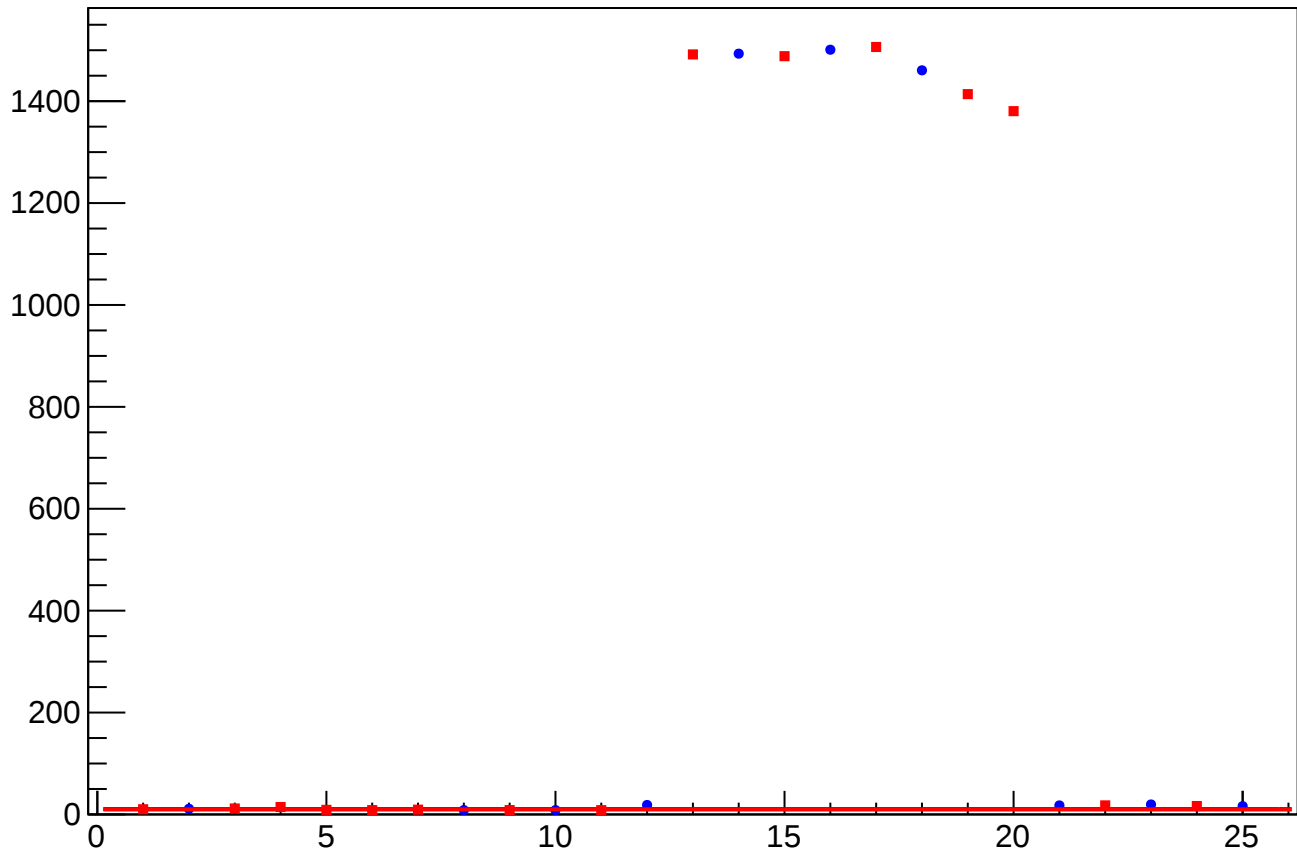
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

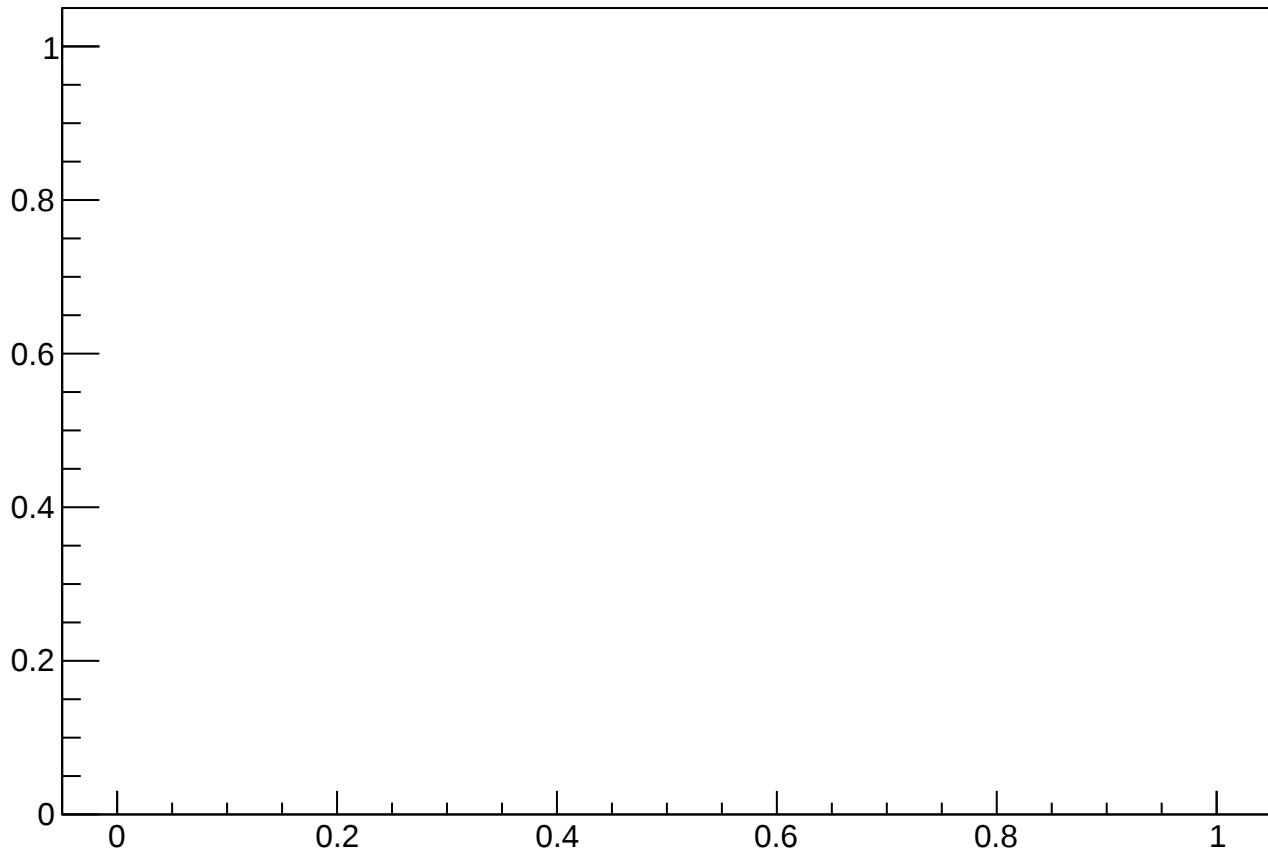
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

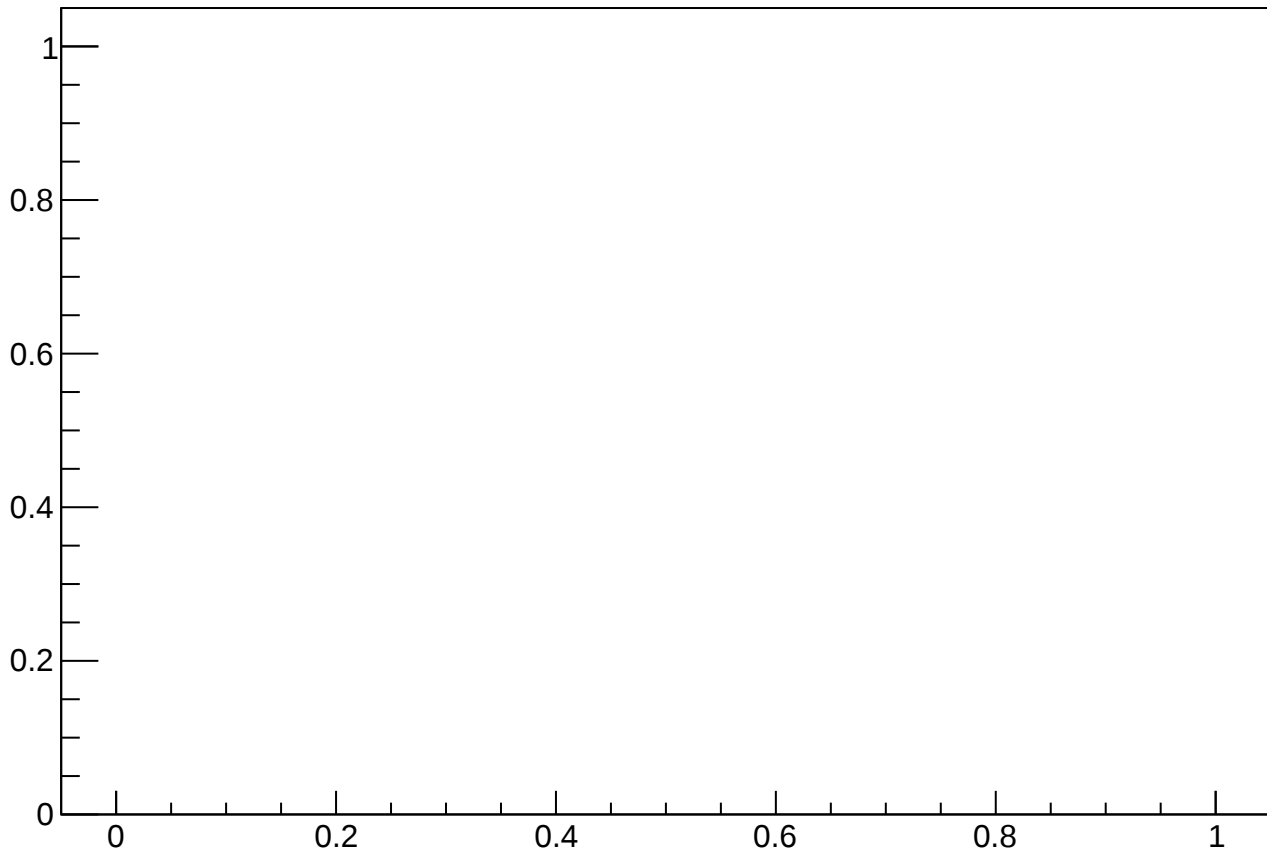
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

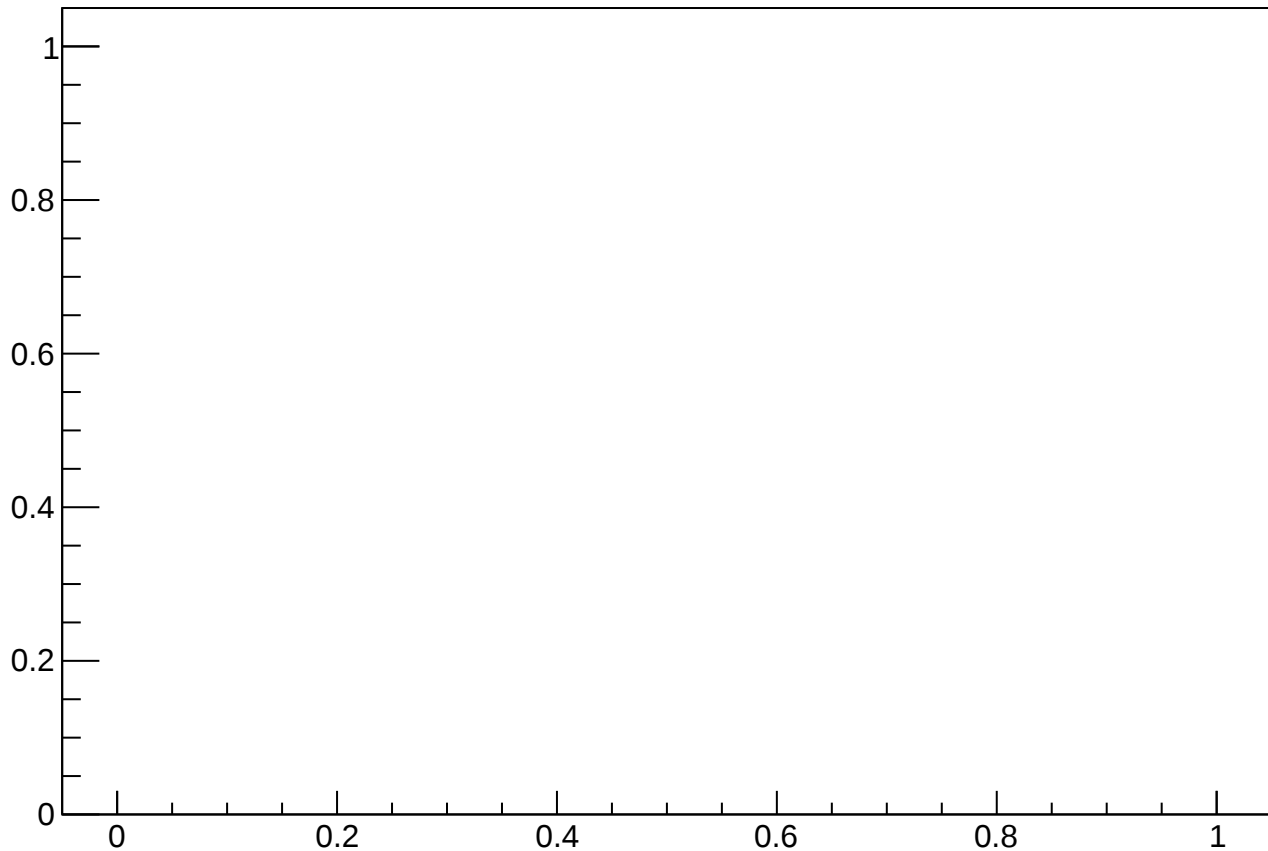
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

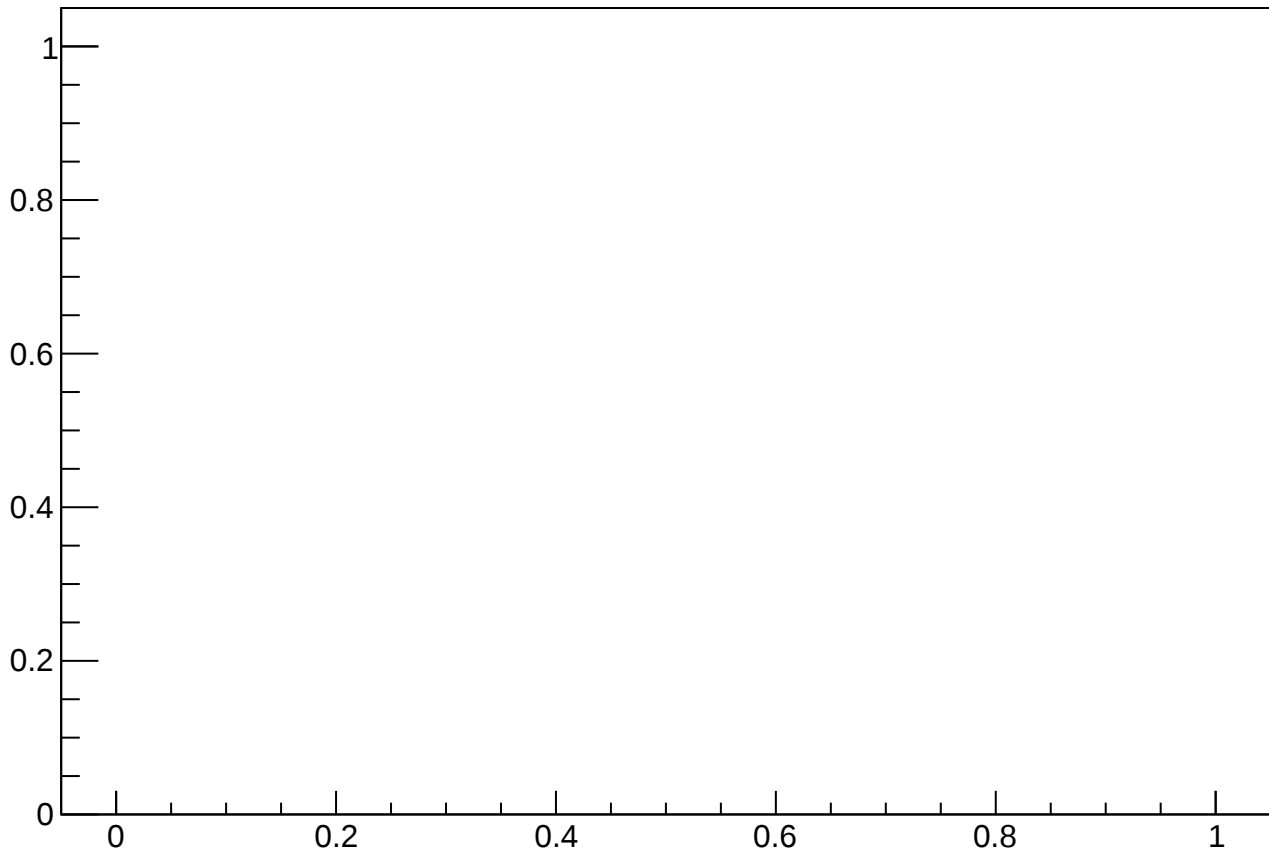
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

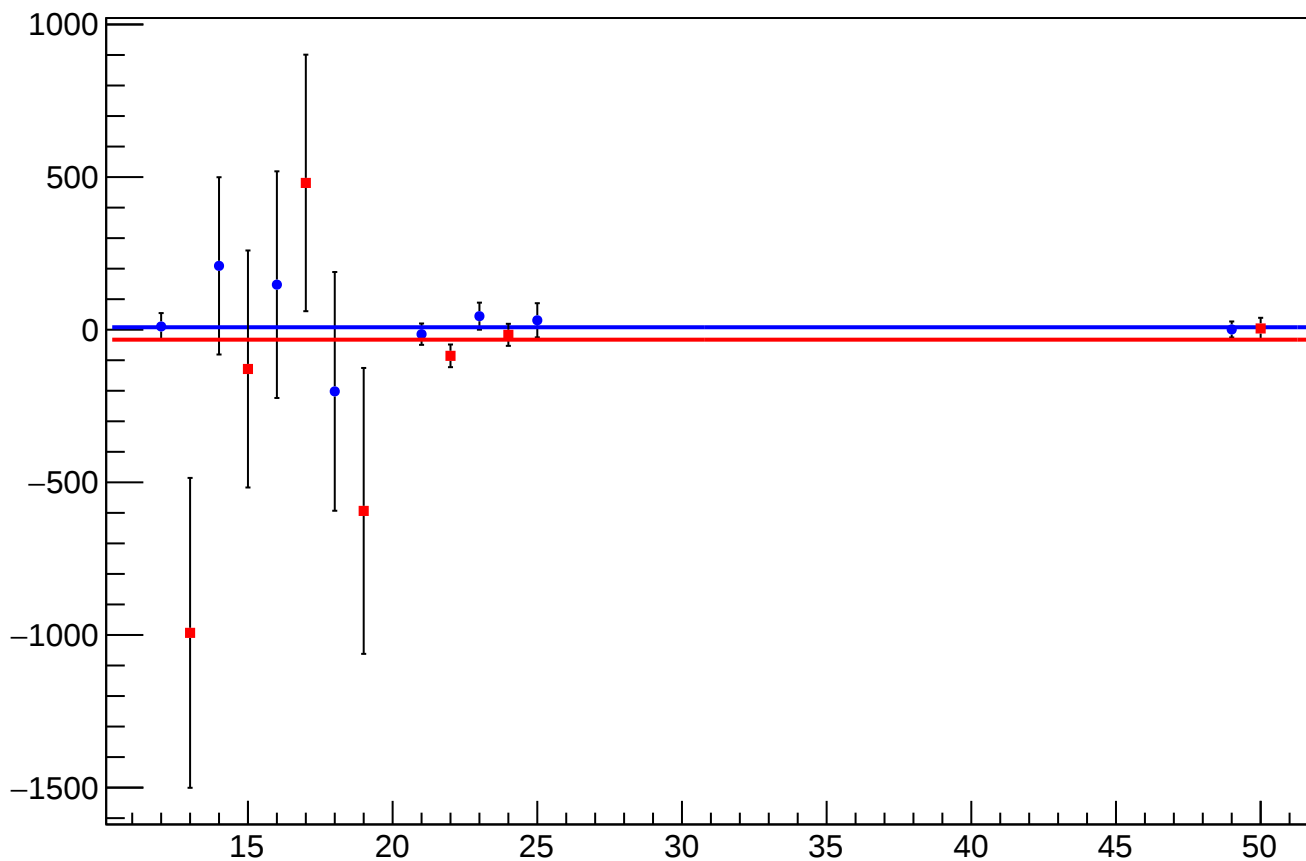
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_dg_us_ds_dd_mean vs slug



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

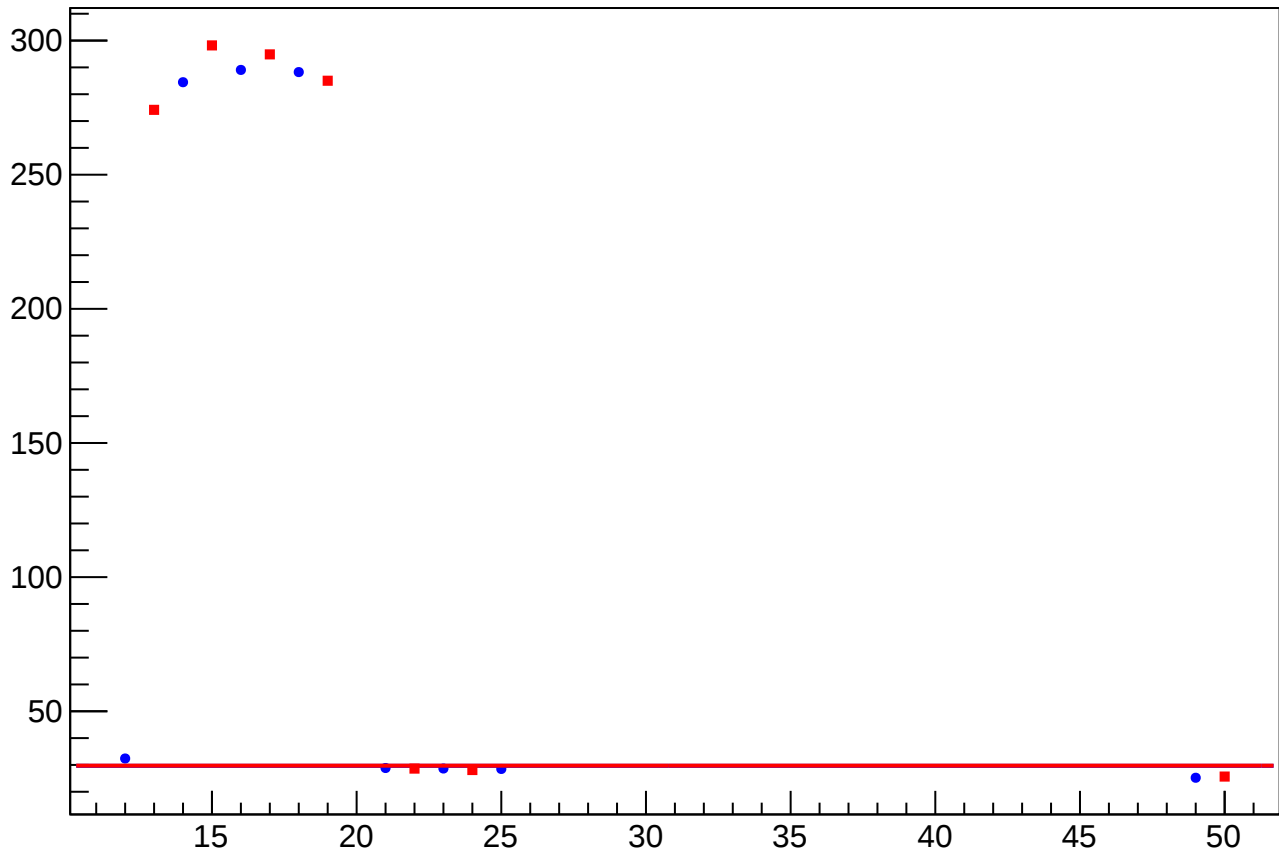
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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

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

-7.790 ± 12.926 χ^2/NDF : 14.5/14

bcm_dg_us_ds_dd _rms vs slug



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

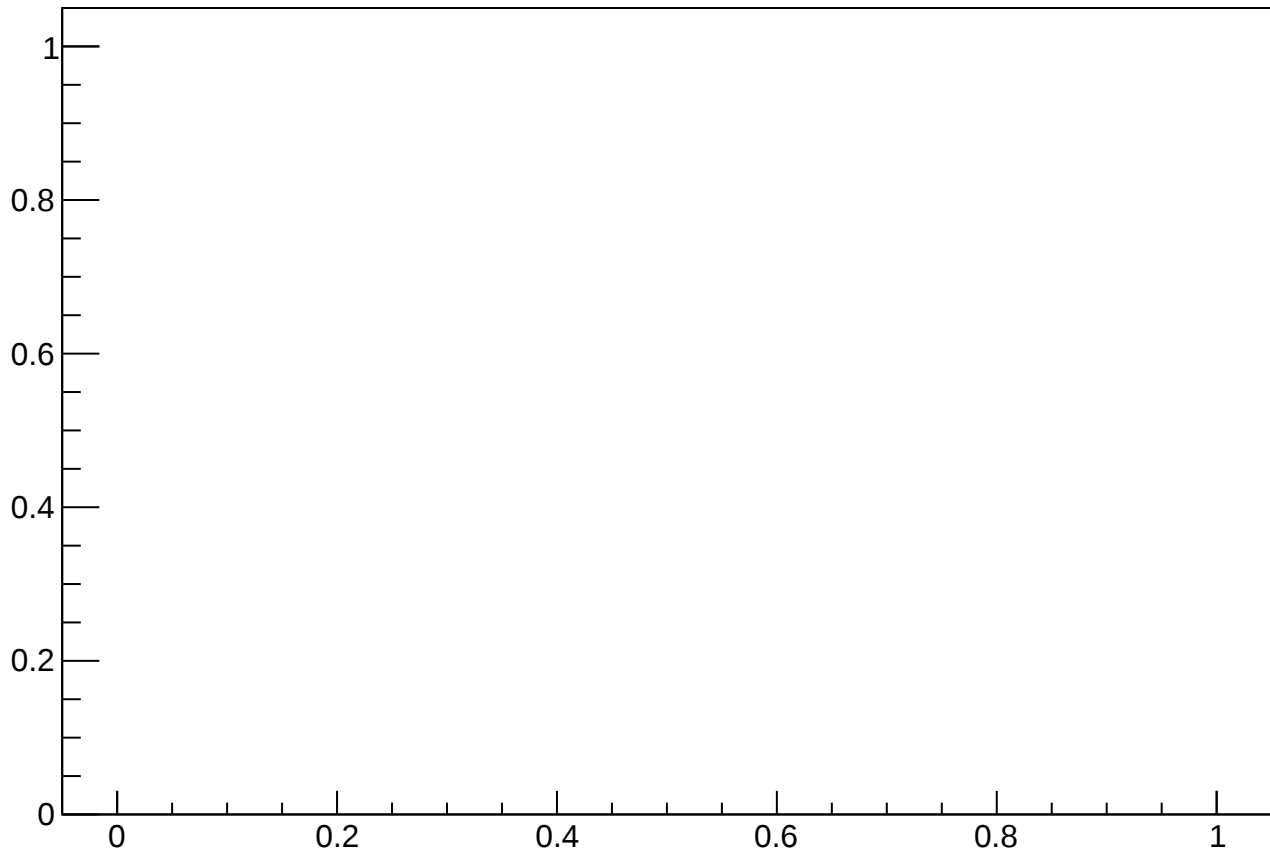
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

29.690+/-0.009 χ^2/NDF : 6303370.0/14

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

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

bcm_dg_us_ds3_dd_mean vs slug



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

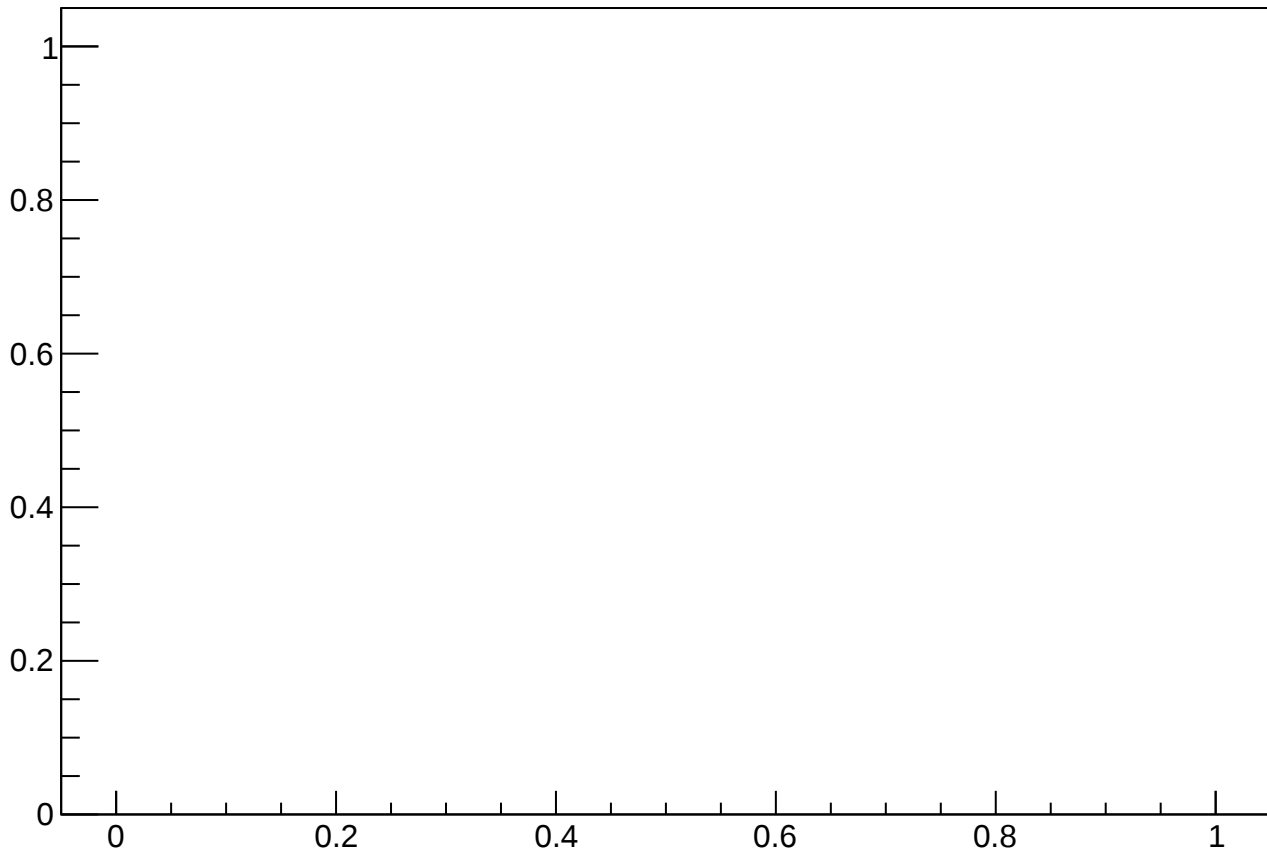
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

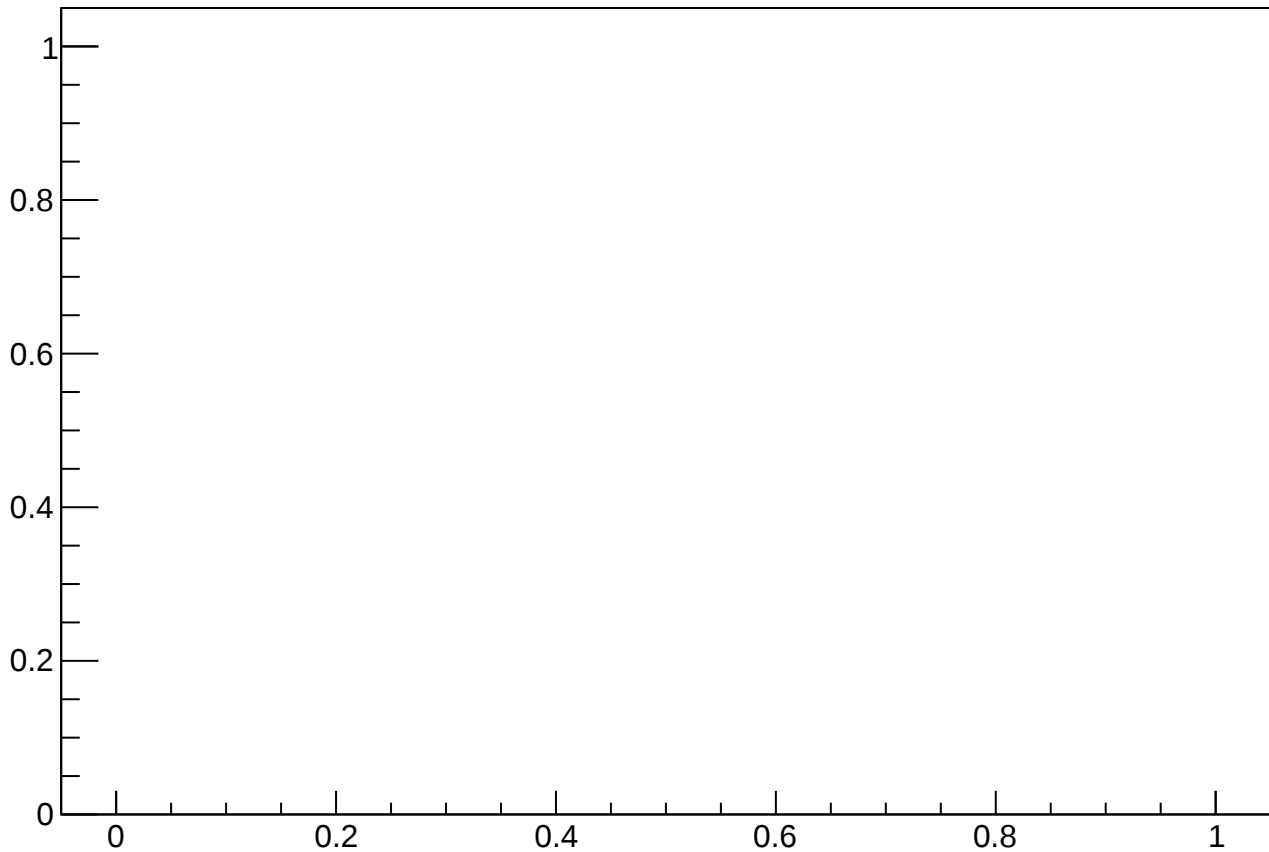
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

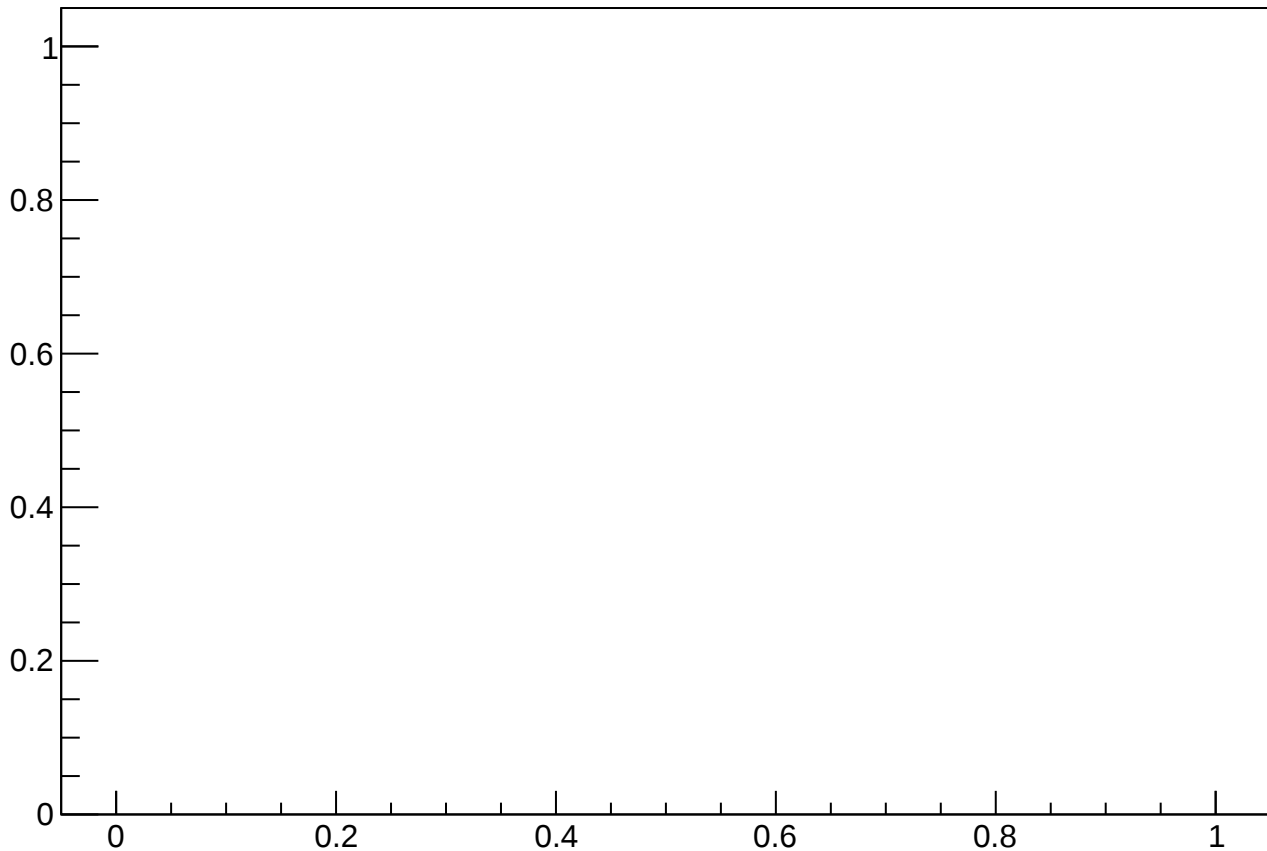
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

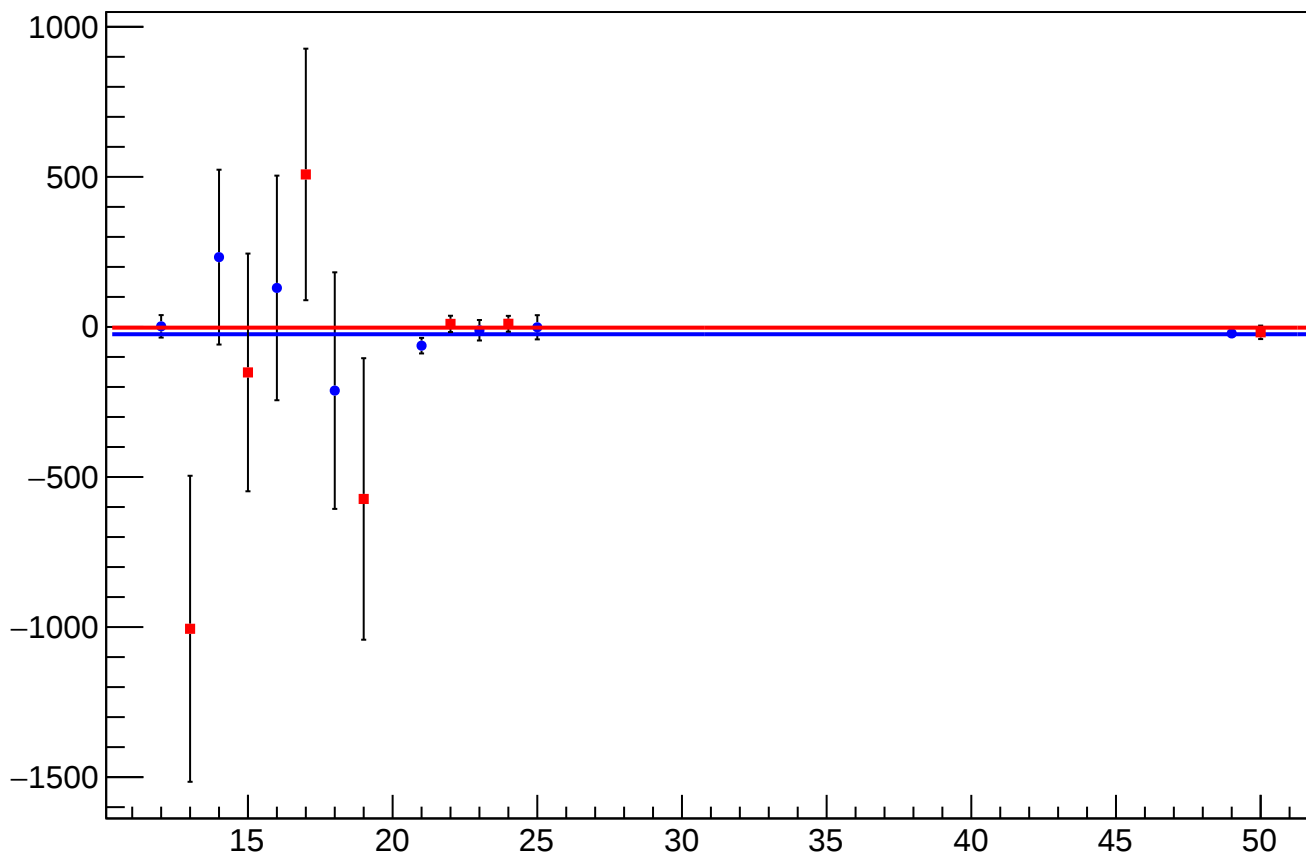
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -24.310 $\pm$ 11.740 χ^2 /NDF: 4.3/7

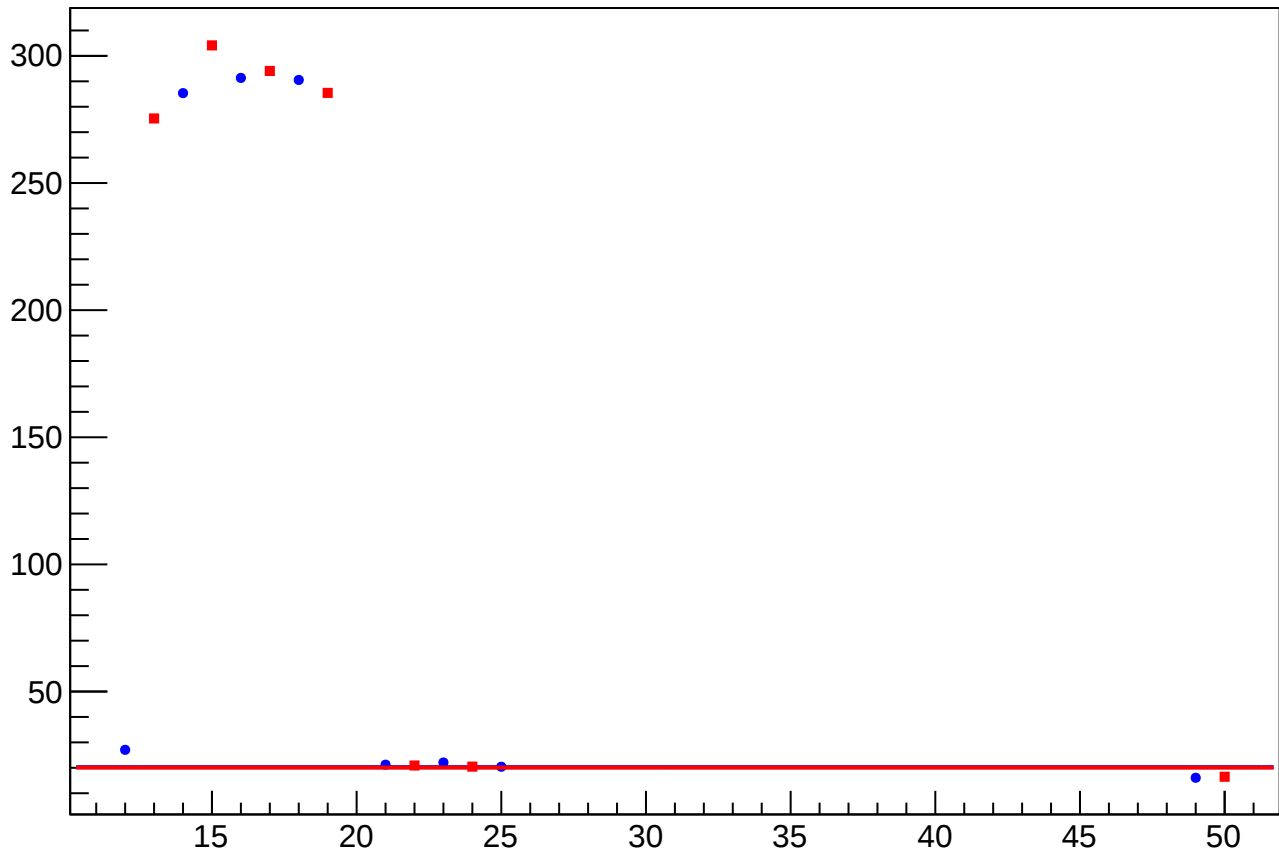
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

-15.561 $\pm$ 9.107 χ^2 /NDF: 13.6/14

bcm_dg_ds_ds_dd_rms vs slug



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

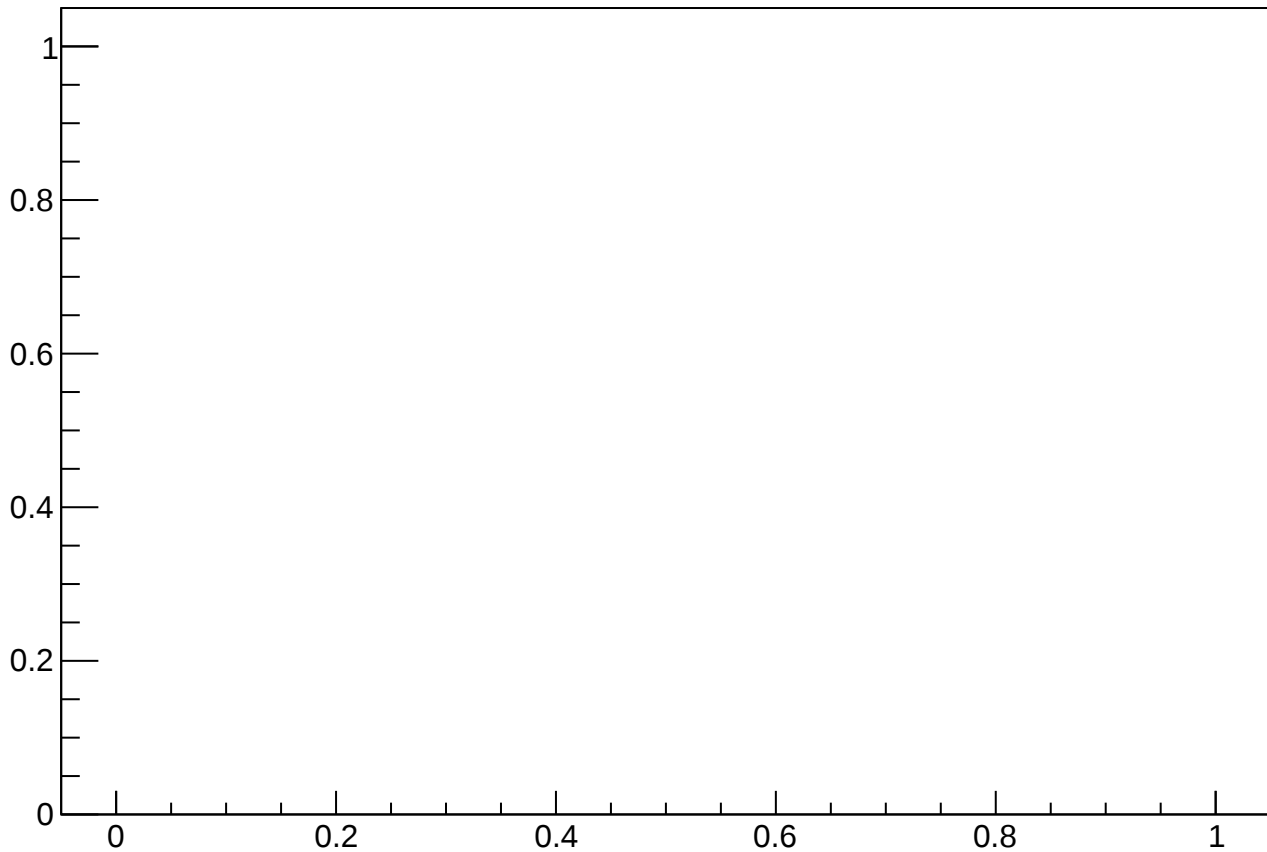
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.185+/-0.006 χ^2/NDF : 6925328.1/14

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

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

bcm_dg_ds_ds3_avg_mean vs slug



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

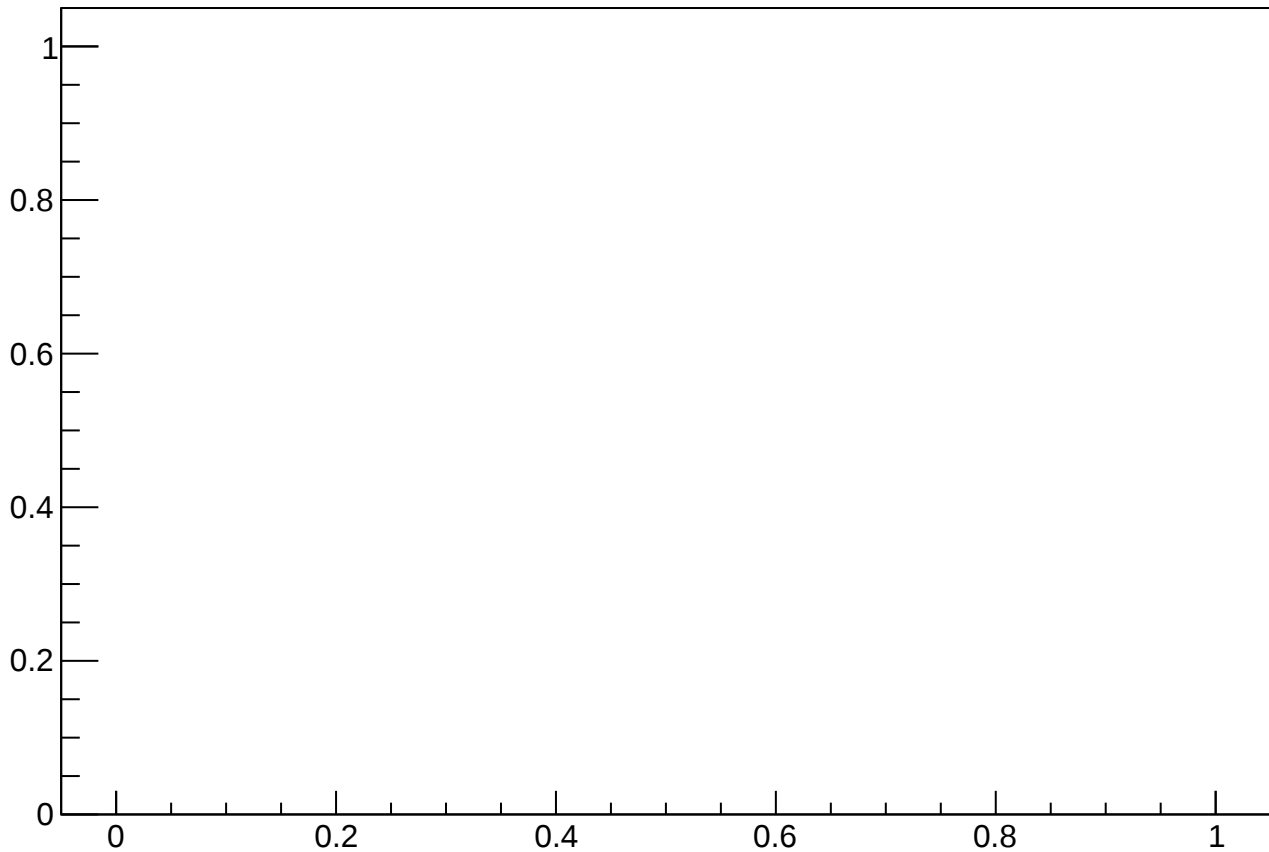
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_avg_rms vs slug



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

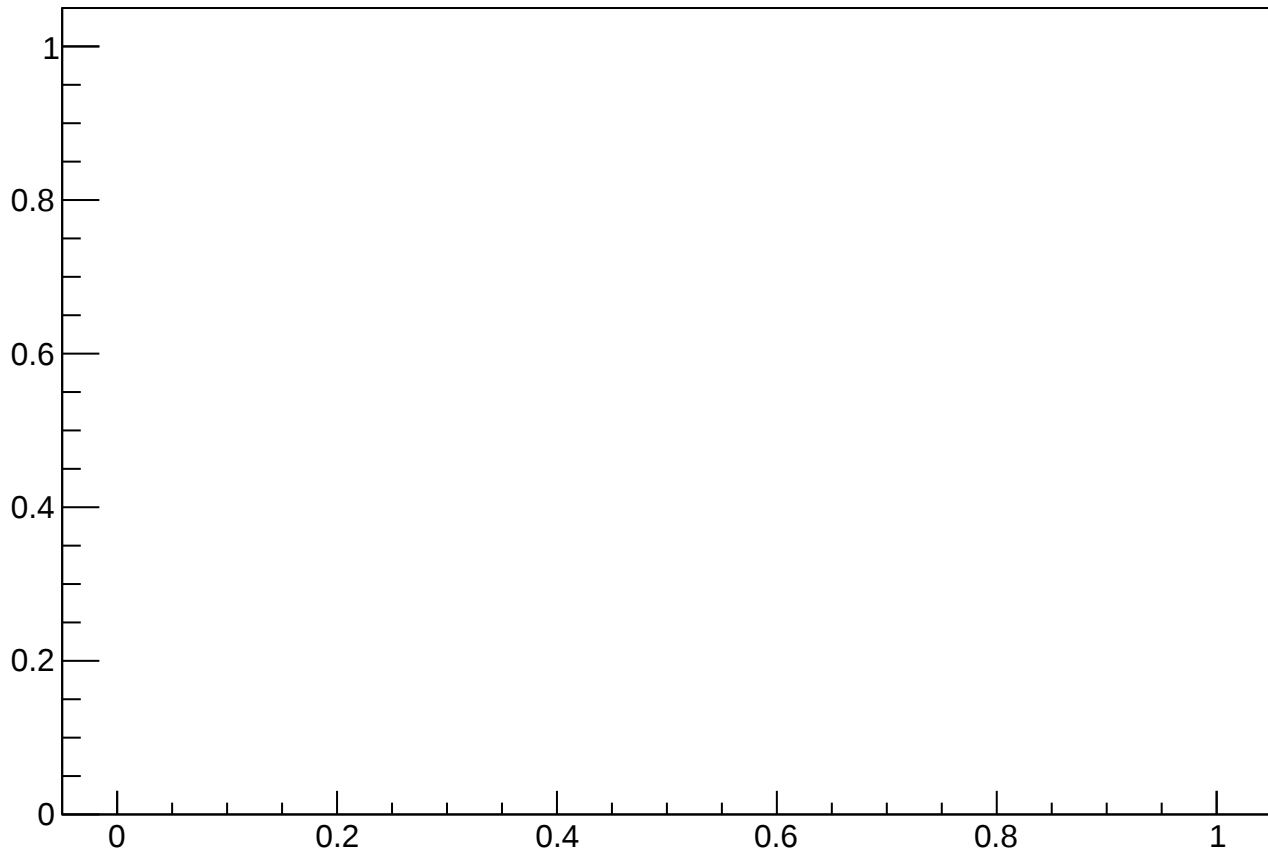
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

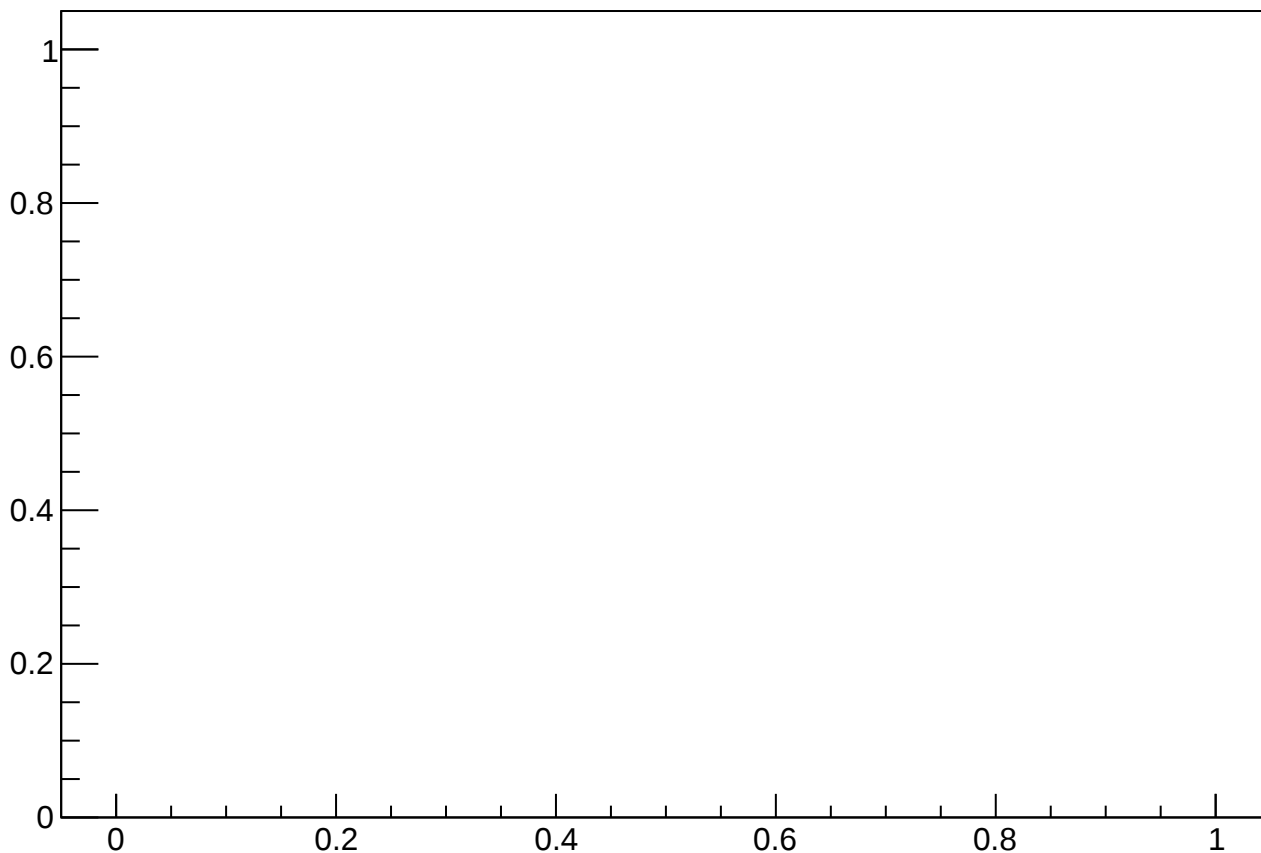
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

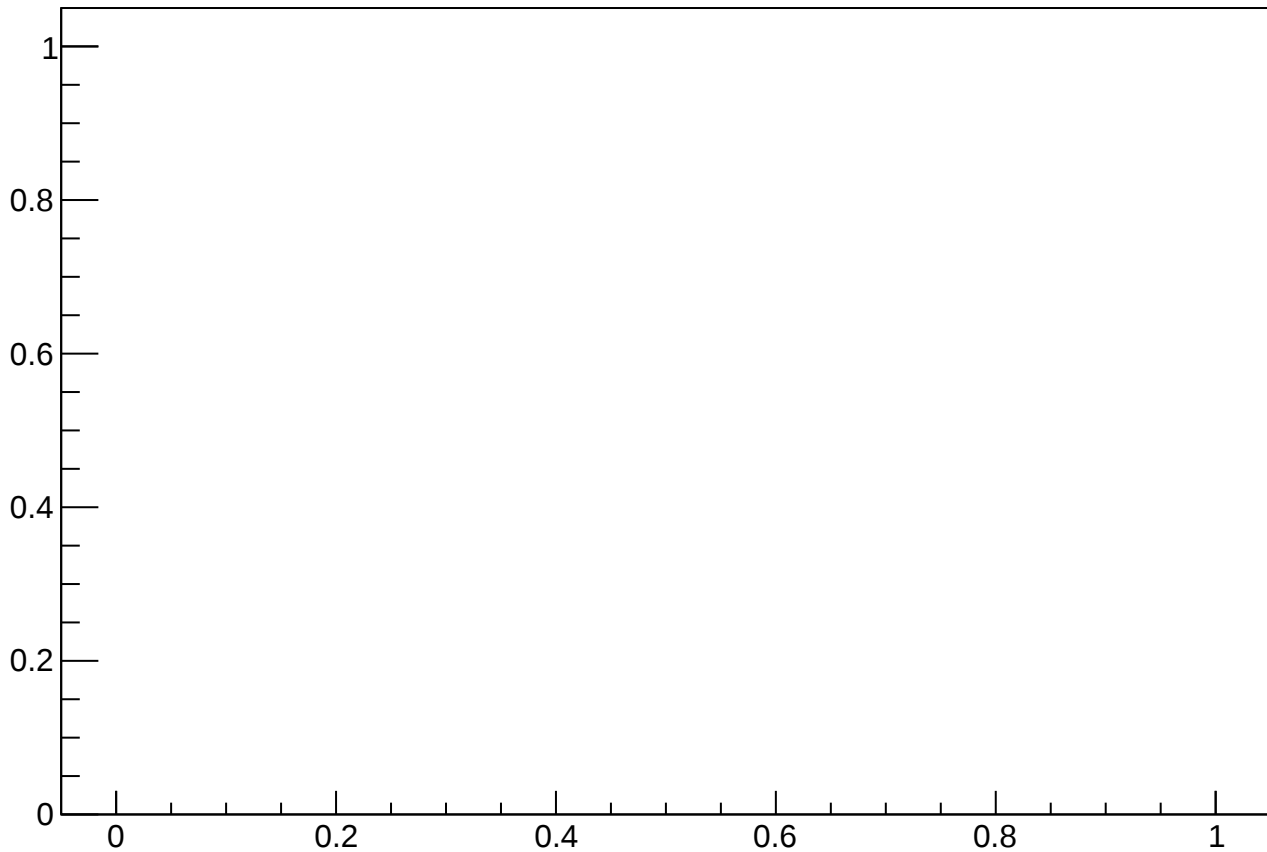
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

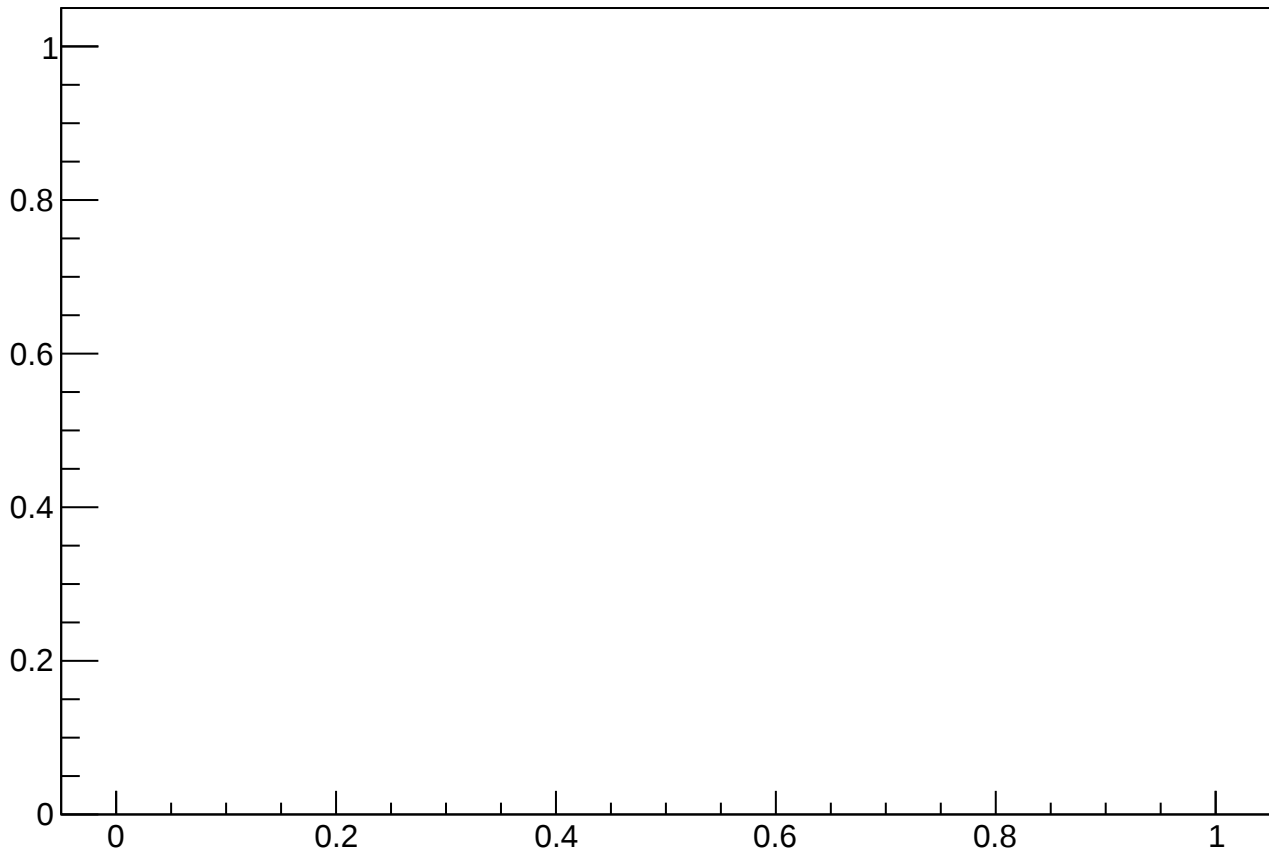
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

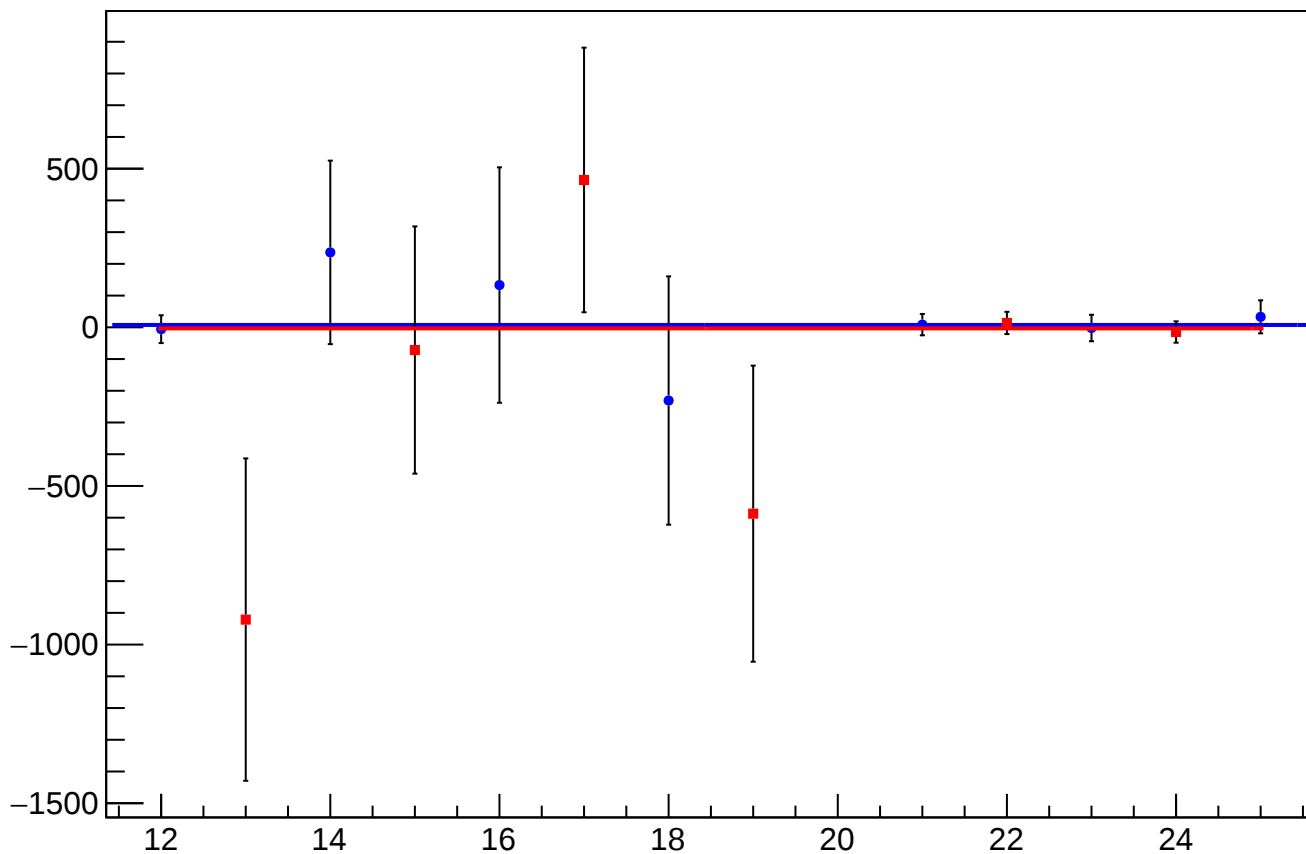
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



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

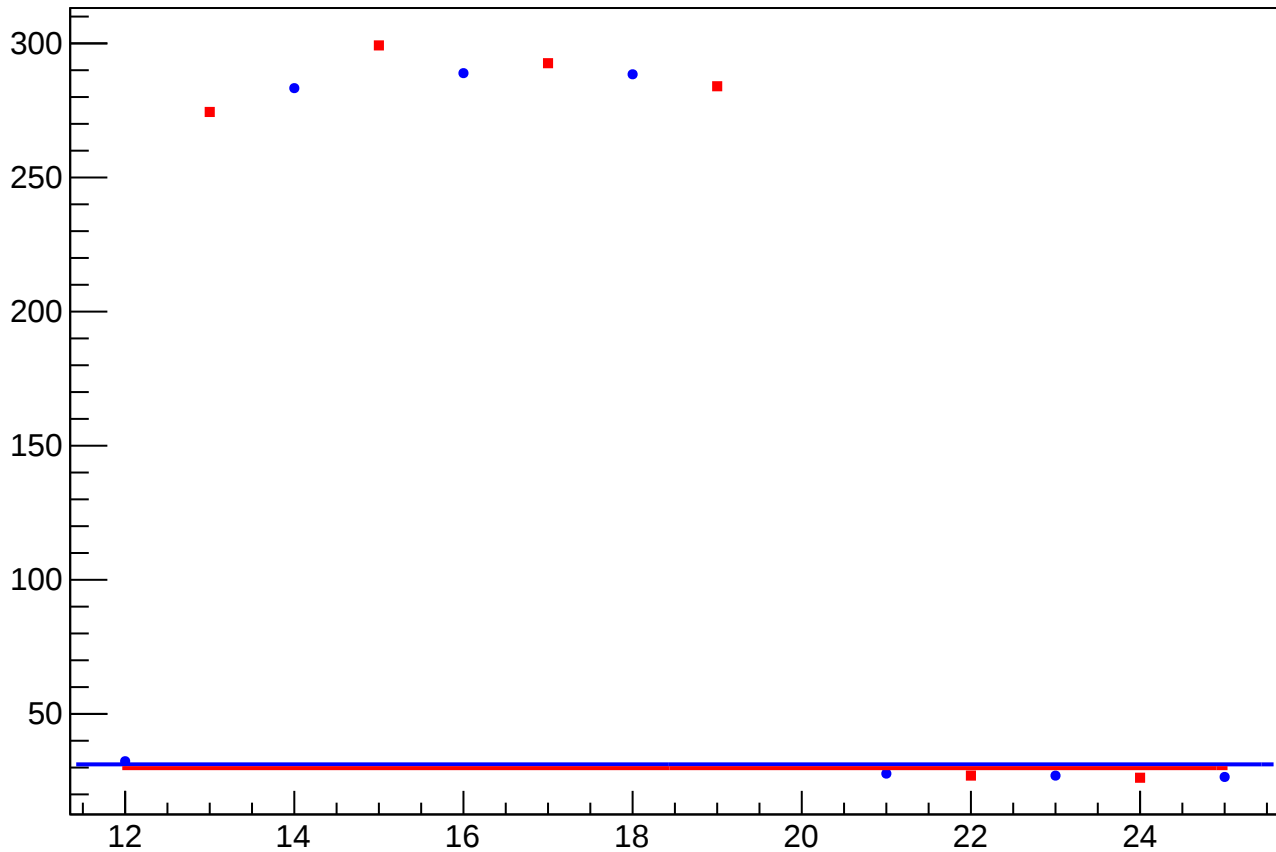
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd _rms vs slug



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

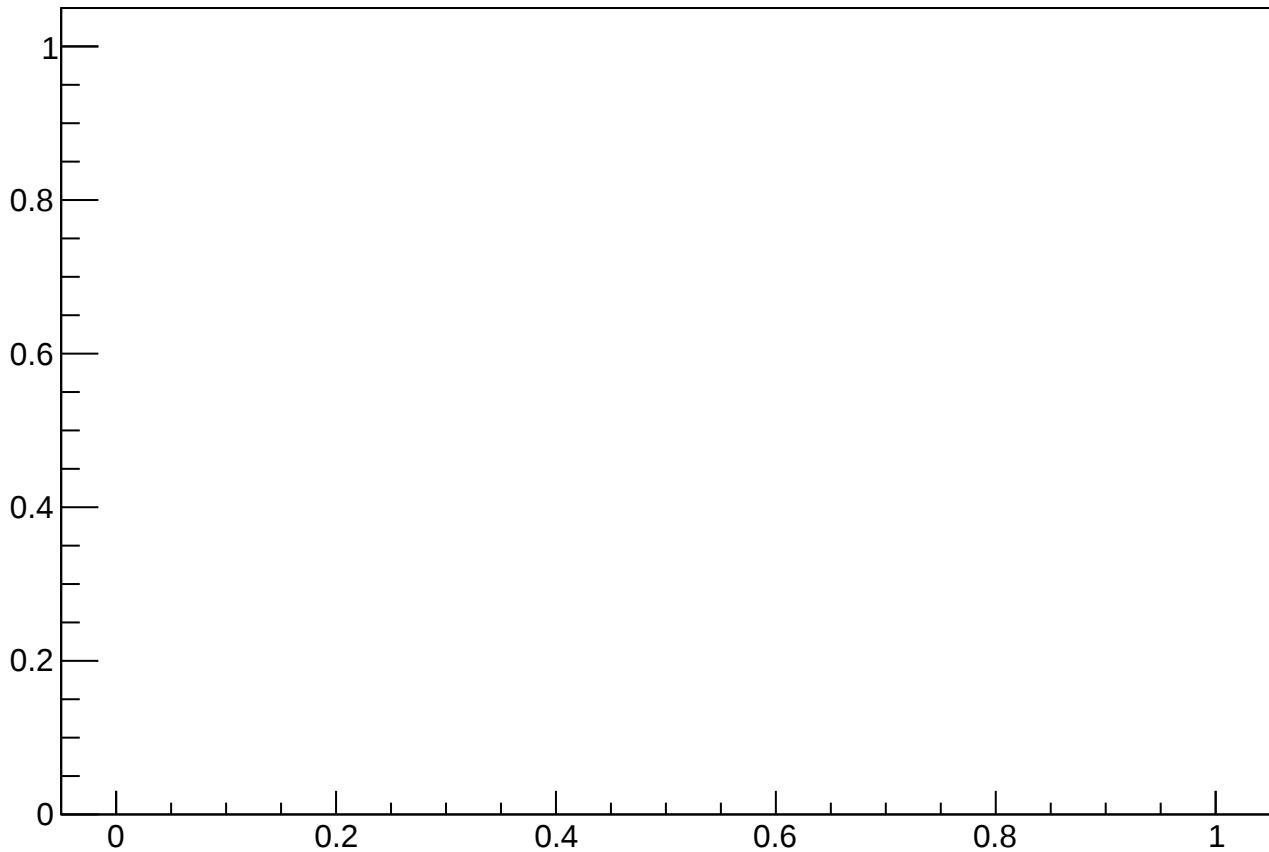
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

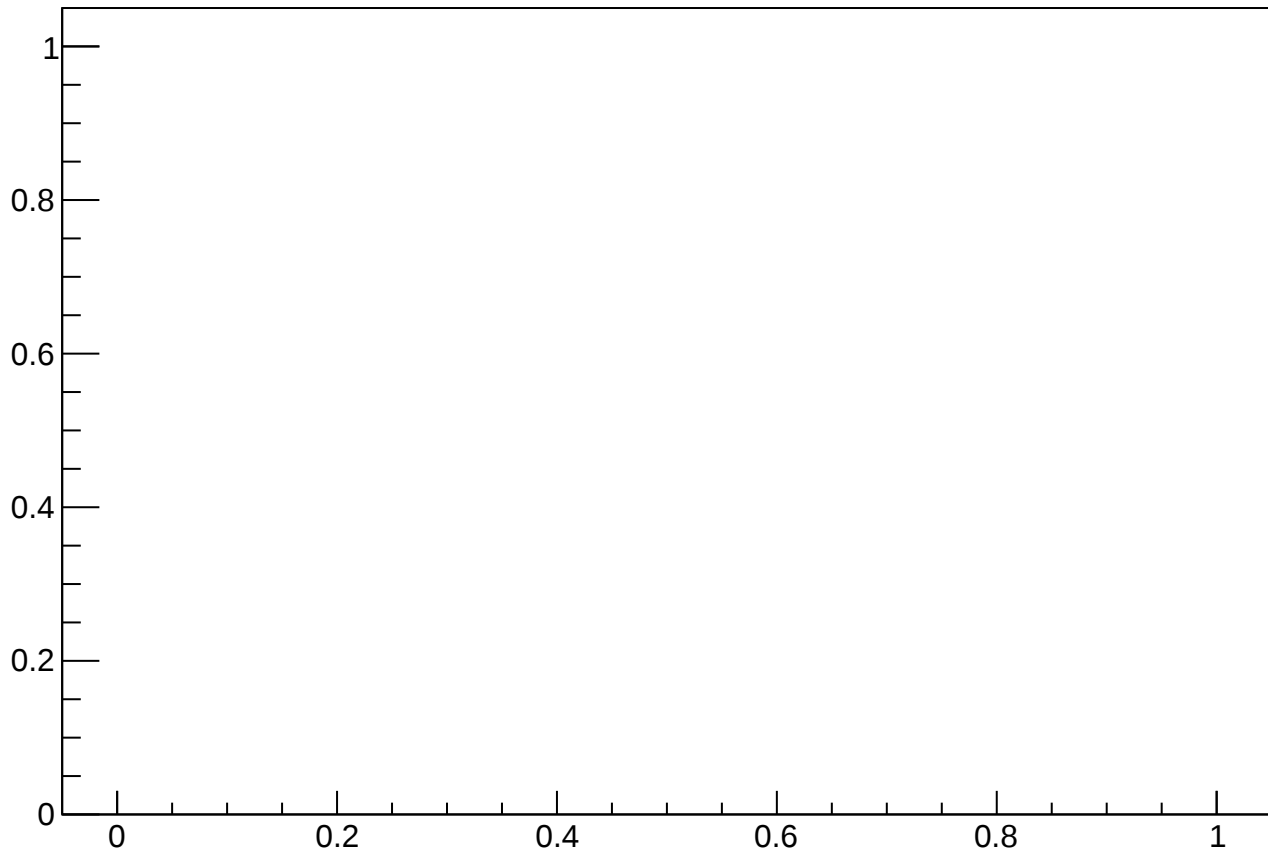
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

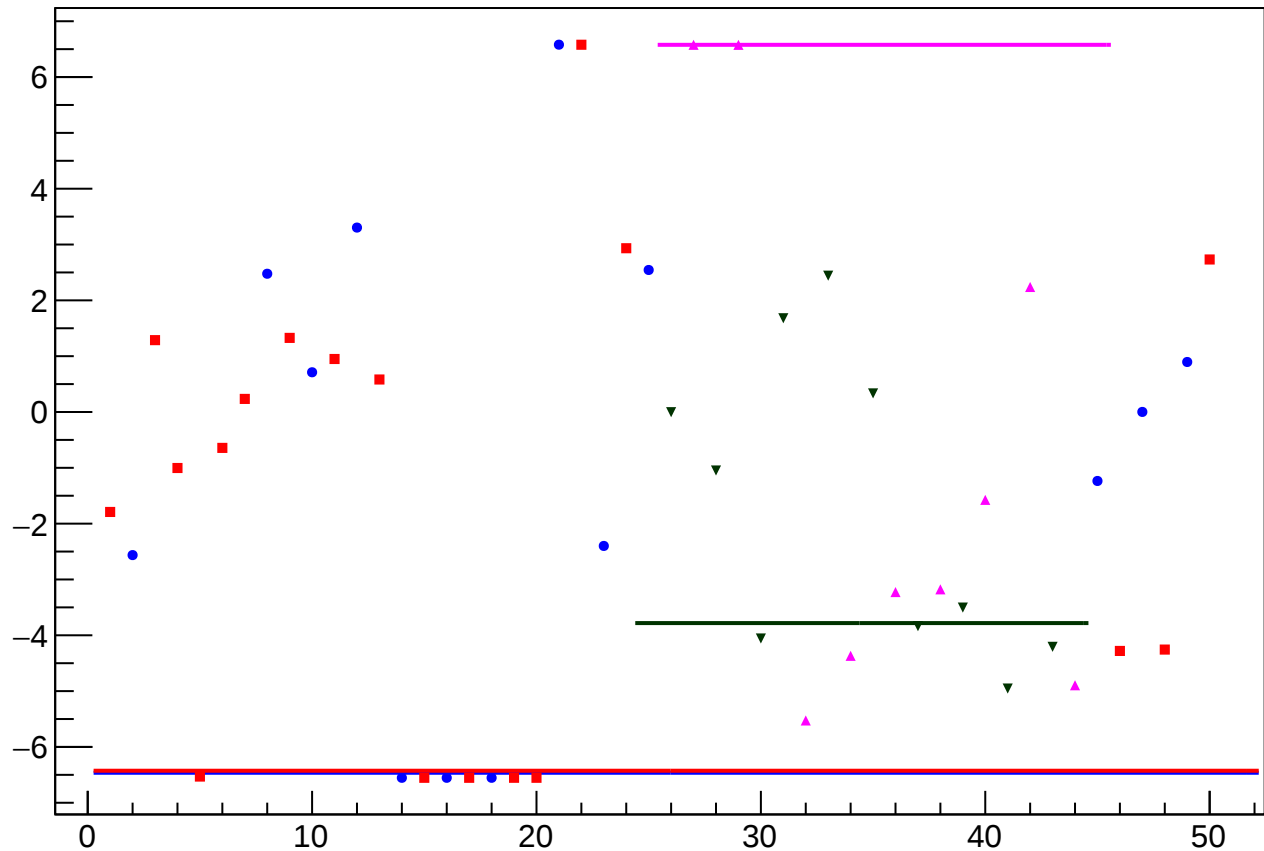
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

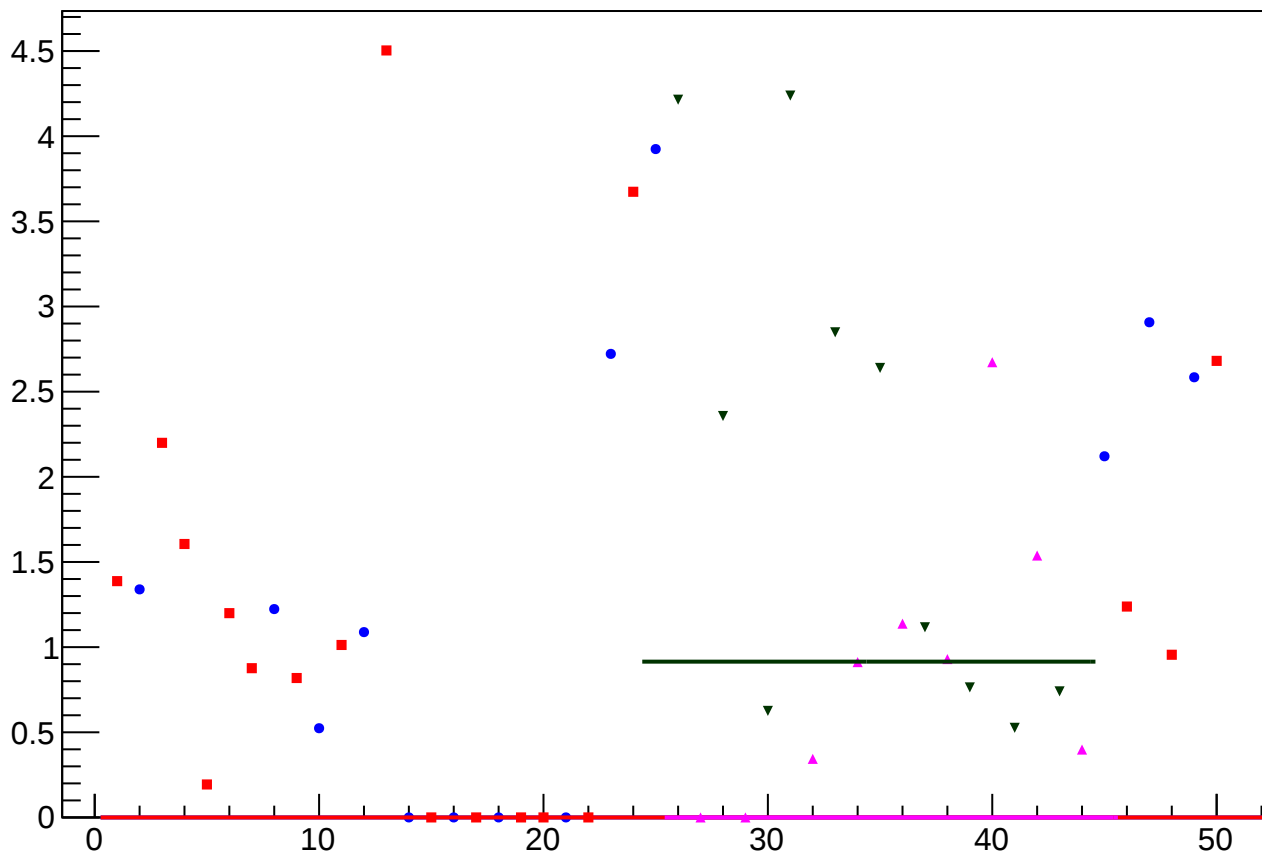
Left Out: -3.781+/-0.001 χ^2/NDF : 5647760.8/9

Right Out: -6.426+/-0.000 χ^2/NDF : 150783933175444.0/17

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

-6.389+/-0.000 χ^2/NDF : 425855772376823.3/4

yield_cav4bX_rms vs slug



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

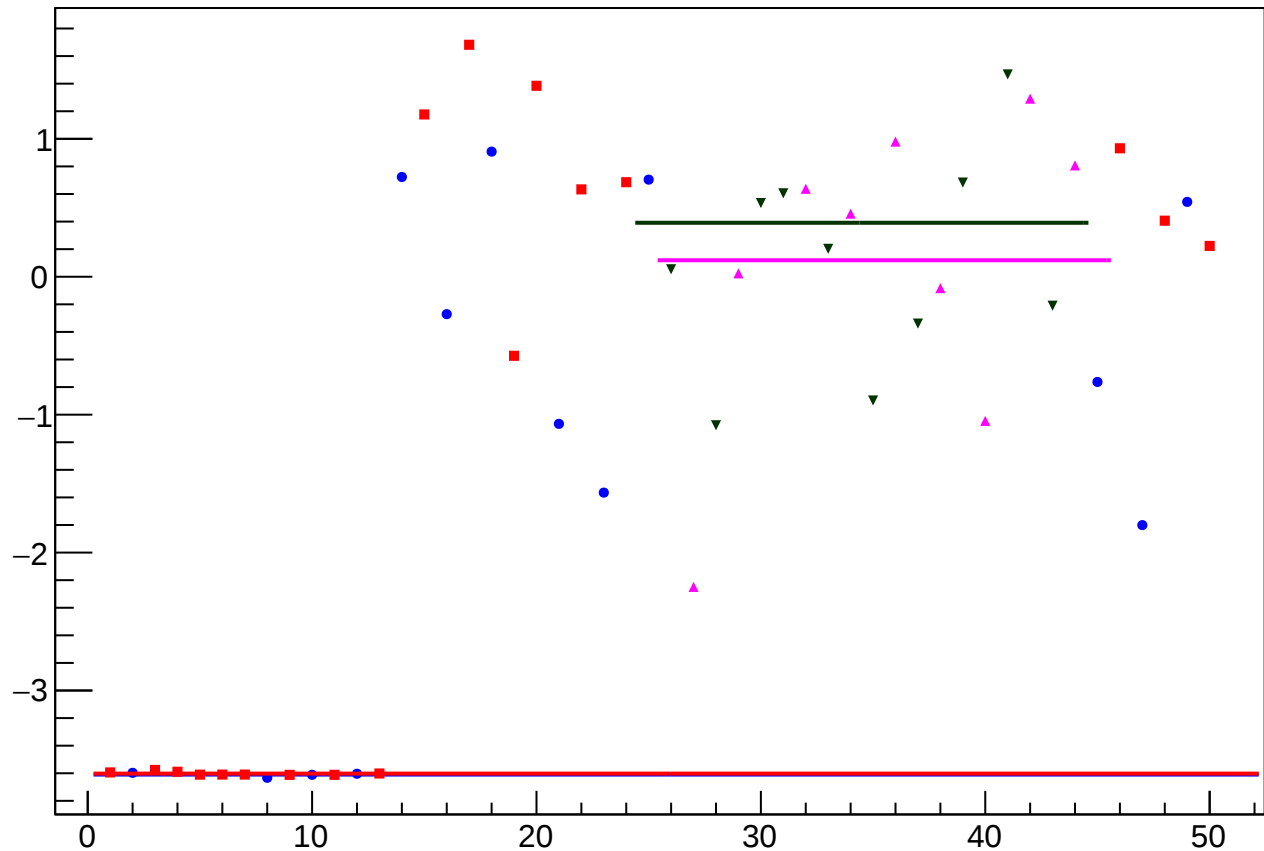
Left Out: 0.915+/-0.000 χ^2/NDF :2495147.4/9

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

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

0.000+/-0.000 χ^2/NDF : 27541936.7/49

yield_cav4bY_mean vs slug



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

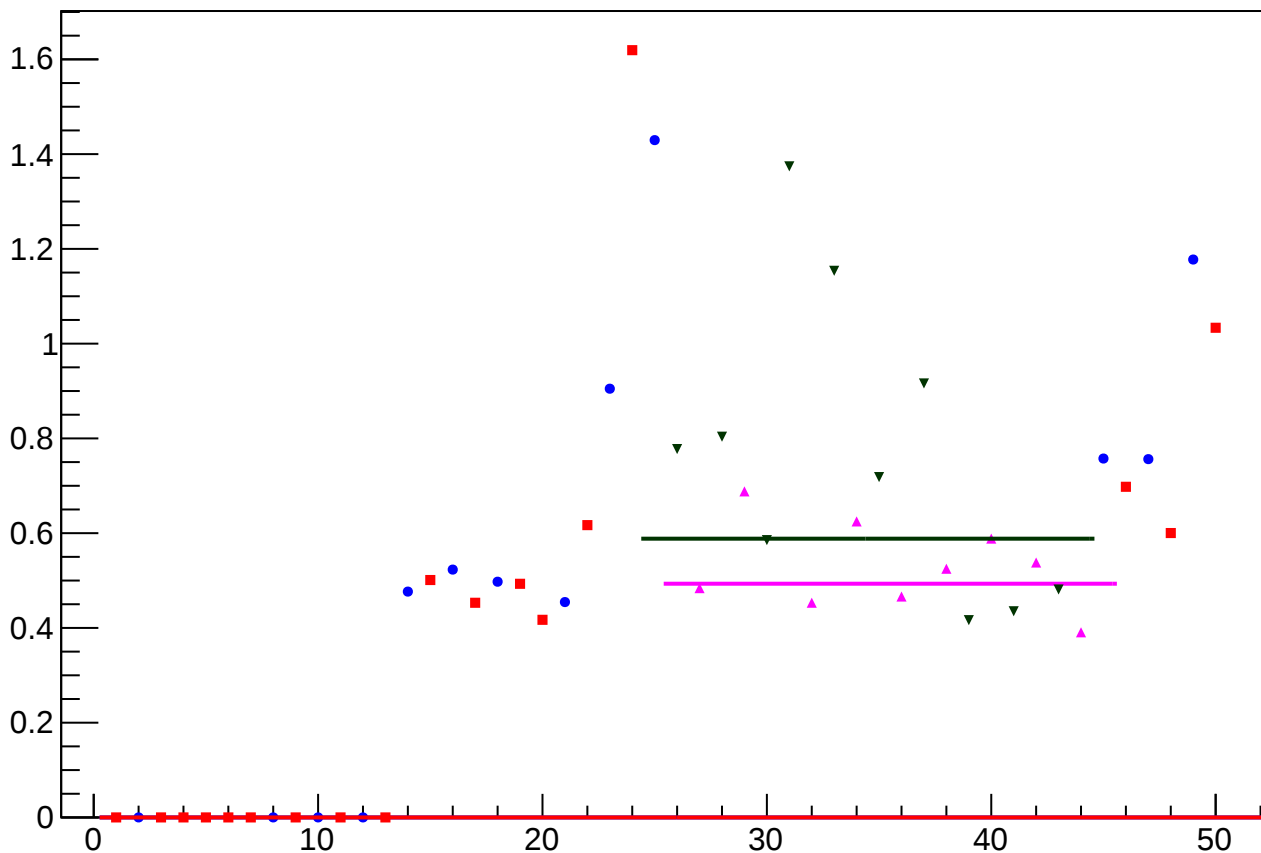
Left Out: 0.391+/-0.000 χ^2/NDF : 6900205.6/9

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

-3.605+/-0.000 χ^2/NDF : 236686704142.0/49

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

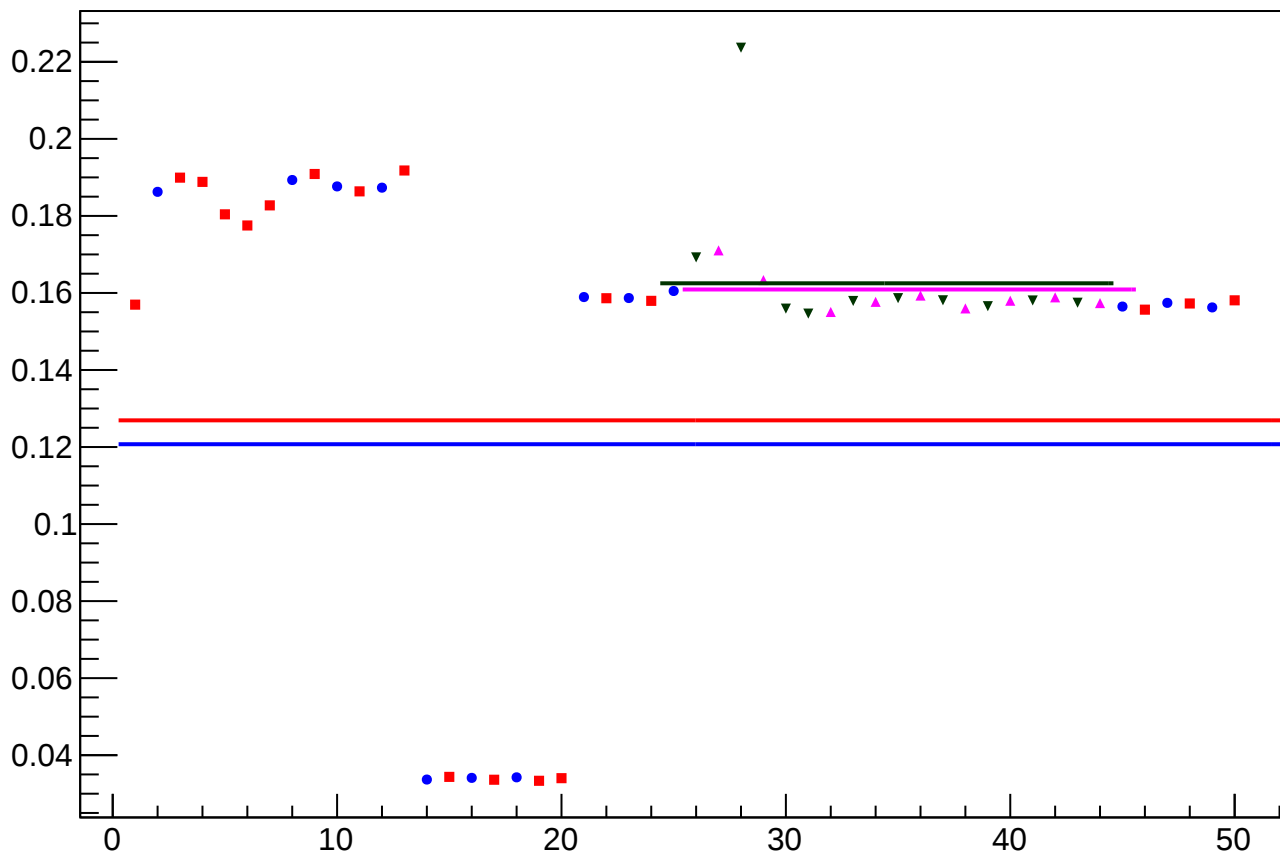
Left Out: 0.588+/-0.000 χ^2/NDF : 893896.5/9

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

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

0.000+/-0.000 χ^2/NDF : 30112443.7/49

yield_cav4cX_mean vs slug



Right In: 0.121+/-0.000 χ^2/NDF : 4896141155.2/12

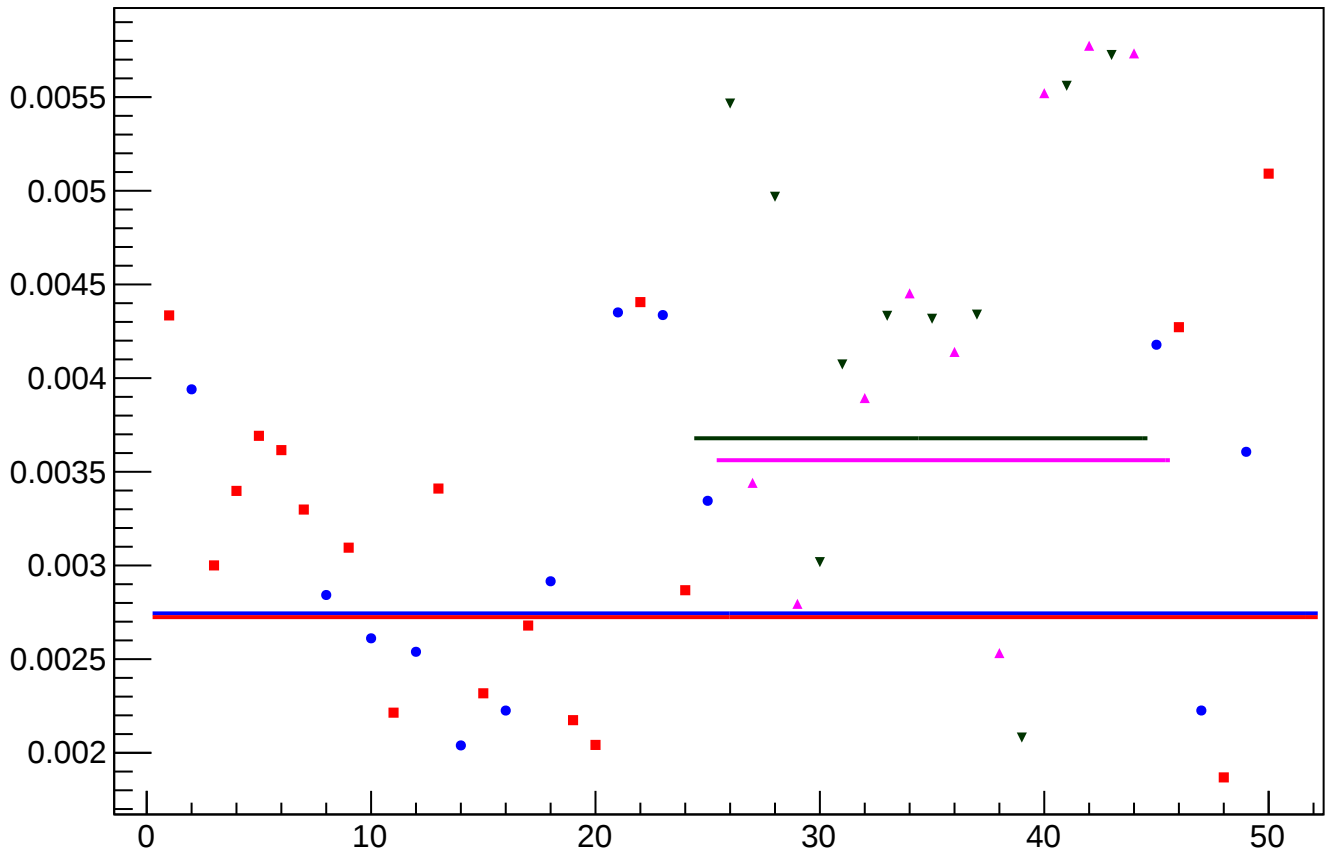
Left Out: 0.163+/-0.000 χ^2/NDF : 101856913.5/9

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

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

0.134+/-0.000 χ^2/NDF : 10233900464.0/49

yield_cav4cX_rms vs slug



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

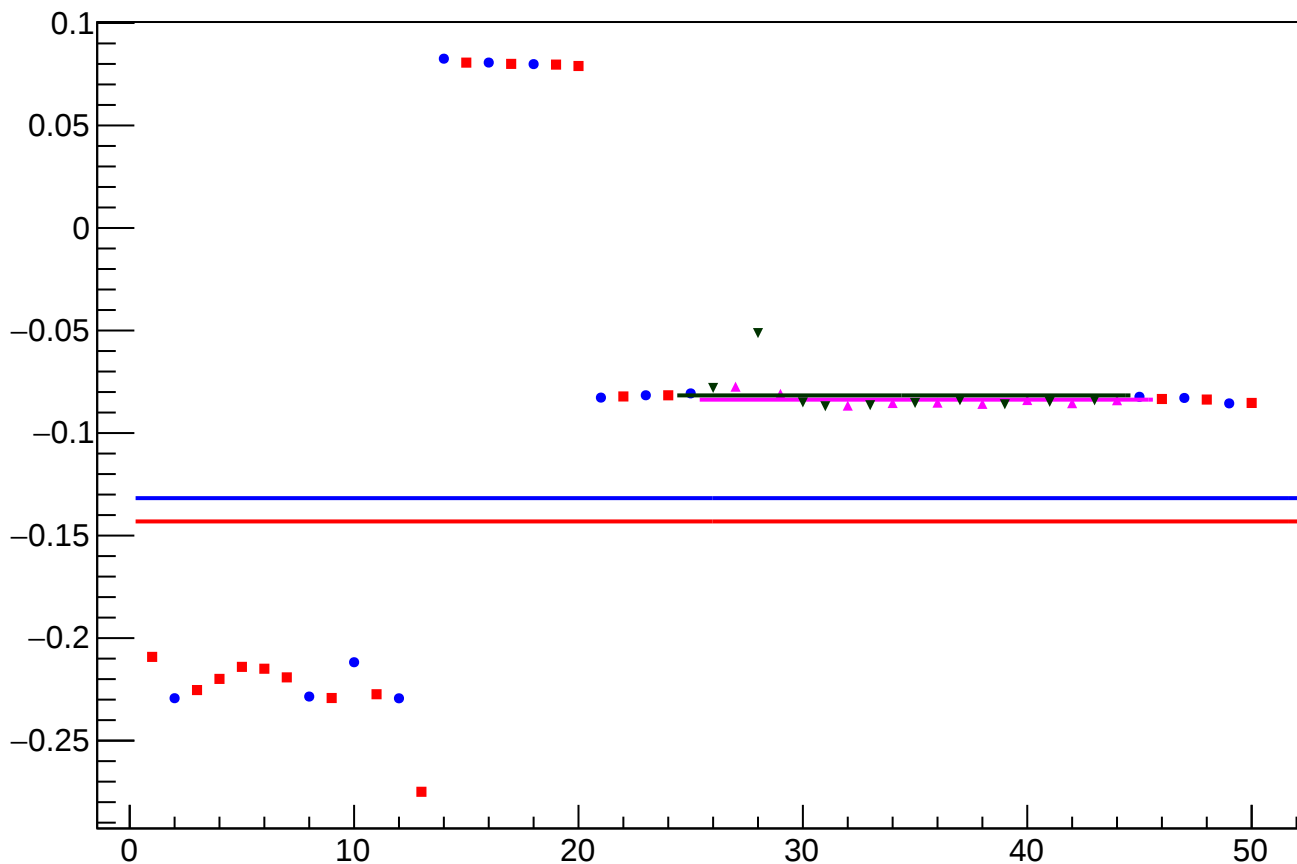
Left Out: 0.004+/-0.000 χ^2/NDF :1048834.3/9

0.003+/-0.000 χ^2/NDF : 4856695.5/49

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

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

yield_cav4cY_mean vs slug



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

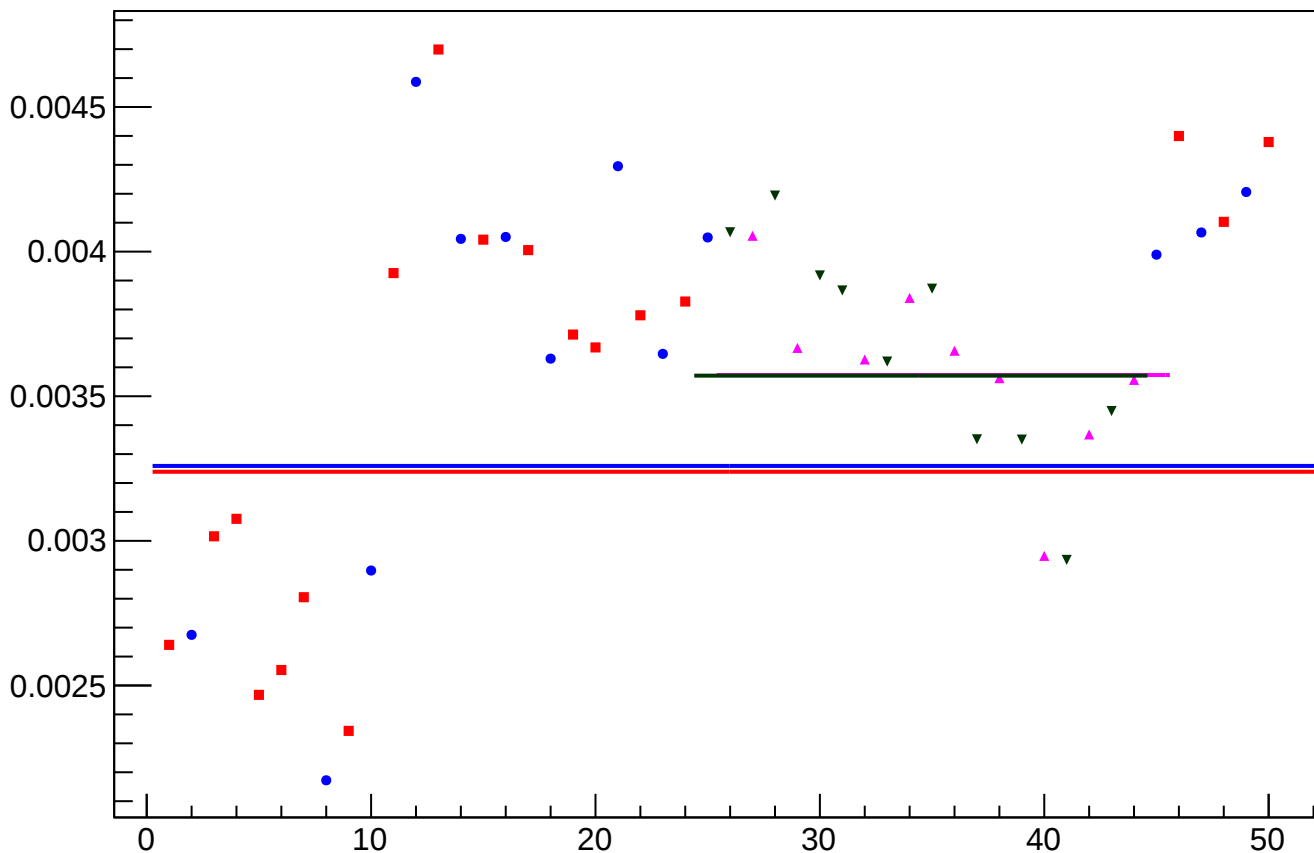
Left Out: -0.082+/-0.000 χ^2 /NDF: 35920699.2/9

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

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

-0.118+/-0.000 χ^2 /NDF: 21052081704.3/49

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 989001.9/12

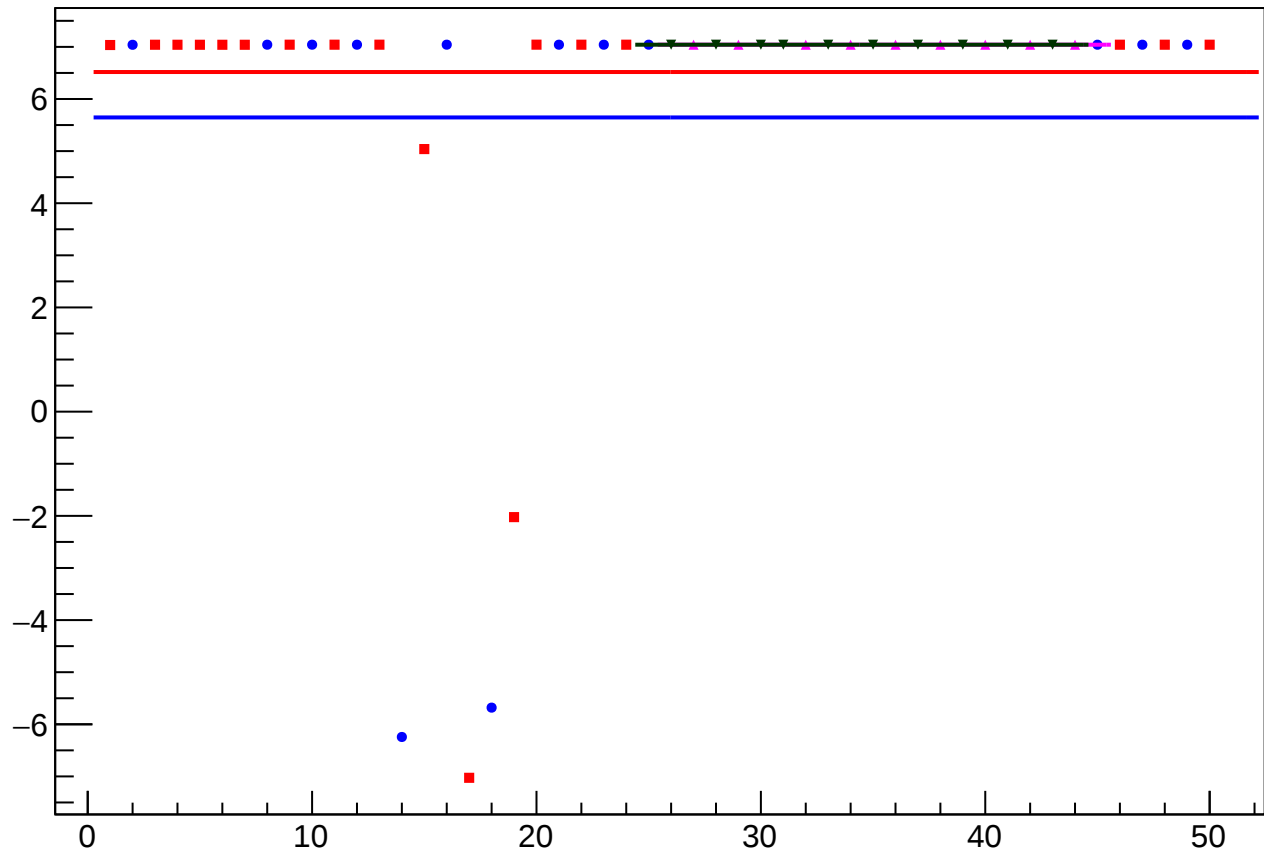
Left Out: 0.004+/-0.000 χ^2/NDF :121987.1/9

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

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

0.003+/-0.000 χ^2/NDF : 2086424.4/49

yield_cav4dX_mean vs slug



Right In: 5.646 $\pm$ 0.000 χ^2 /NDF: 4545617743947142.0/12

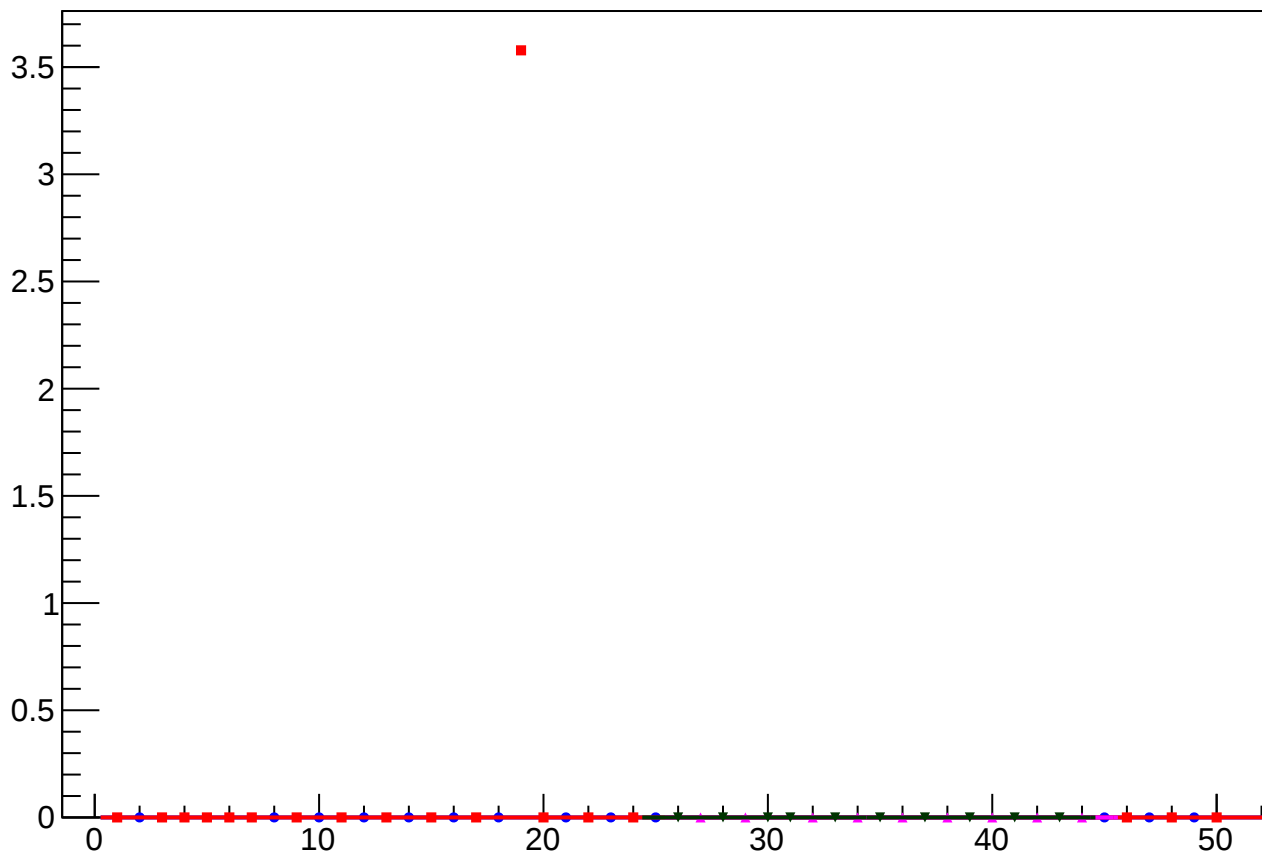
Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 815895.3/9

6.493 $\pm$ 0.000 χ^2 /NDF: 6716342491456116.0/4

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

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

yield_cav4dX_rms vs slug



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

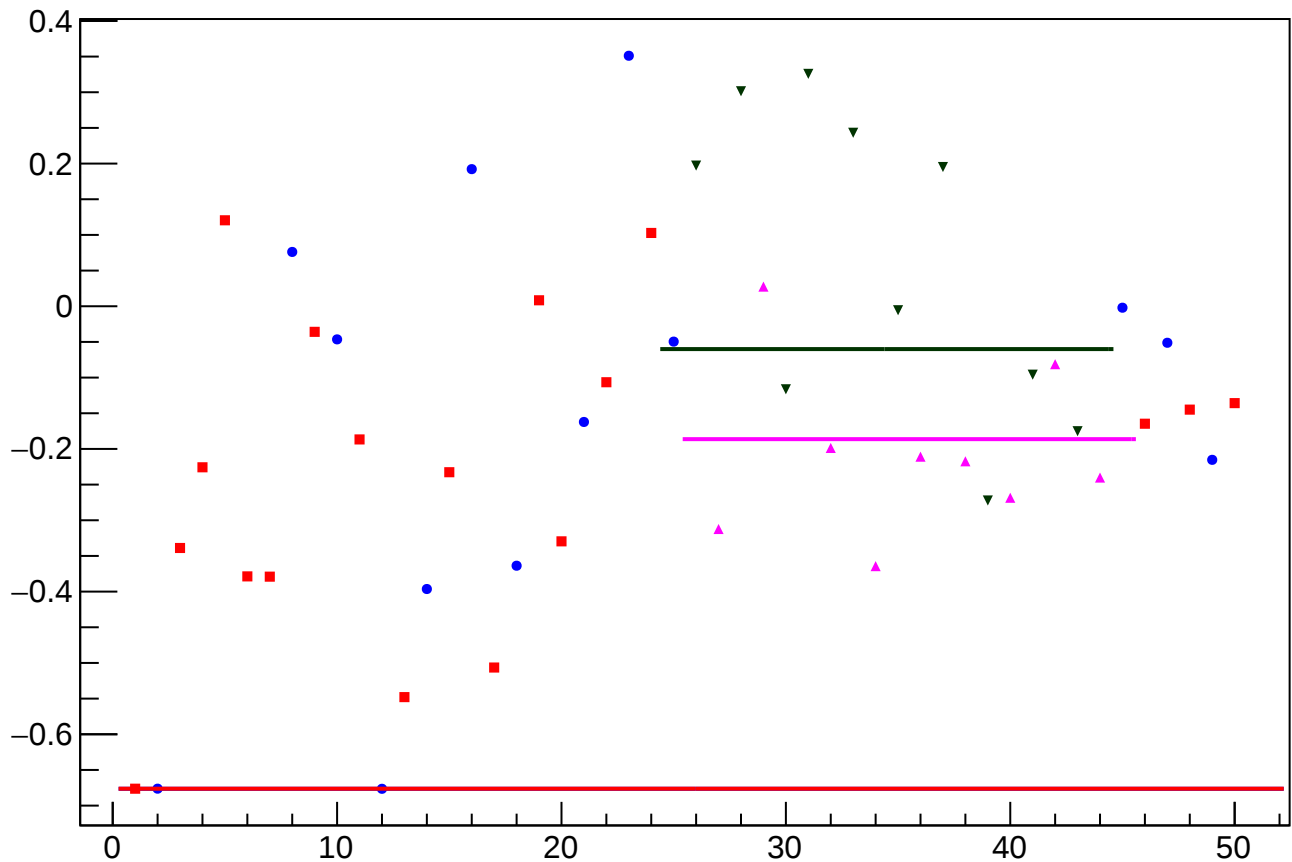
Left Out: 0.000+/-0.000 χ^2 /NDF:1393.7/9

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

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

0.000+/-0.000 χ^2 /NDF: 707074.0/49

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 248941421.0/12

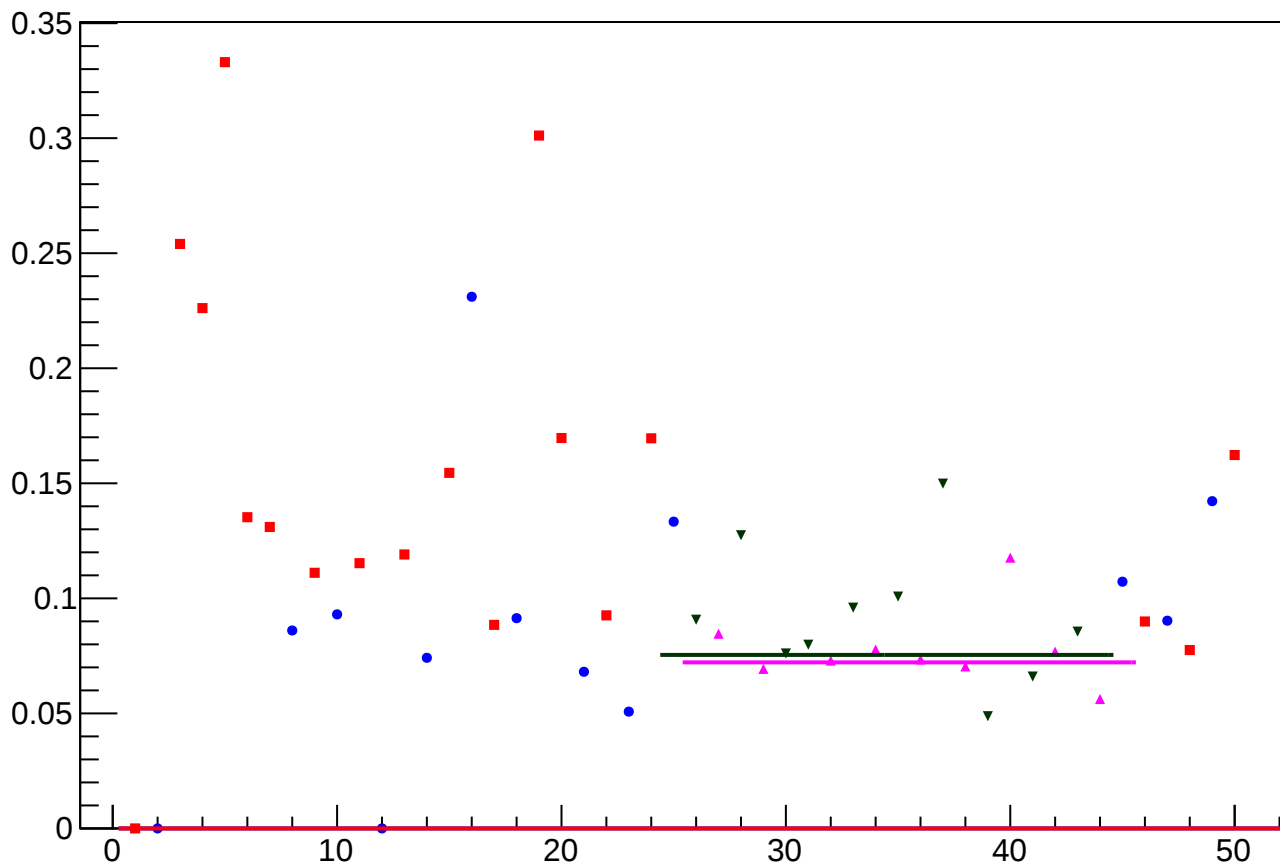
Left Out: -0.060+/-0.000 χ^2/NDF : 19519965.9/9

-0.676+/-0.000 χ^2/NDF : 716214903.0/49

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

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

yield_cav4dY_rms vs slug



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

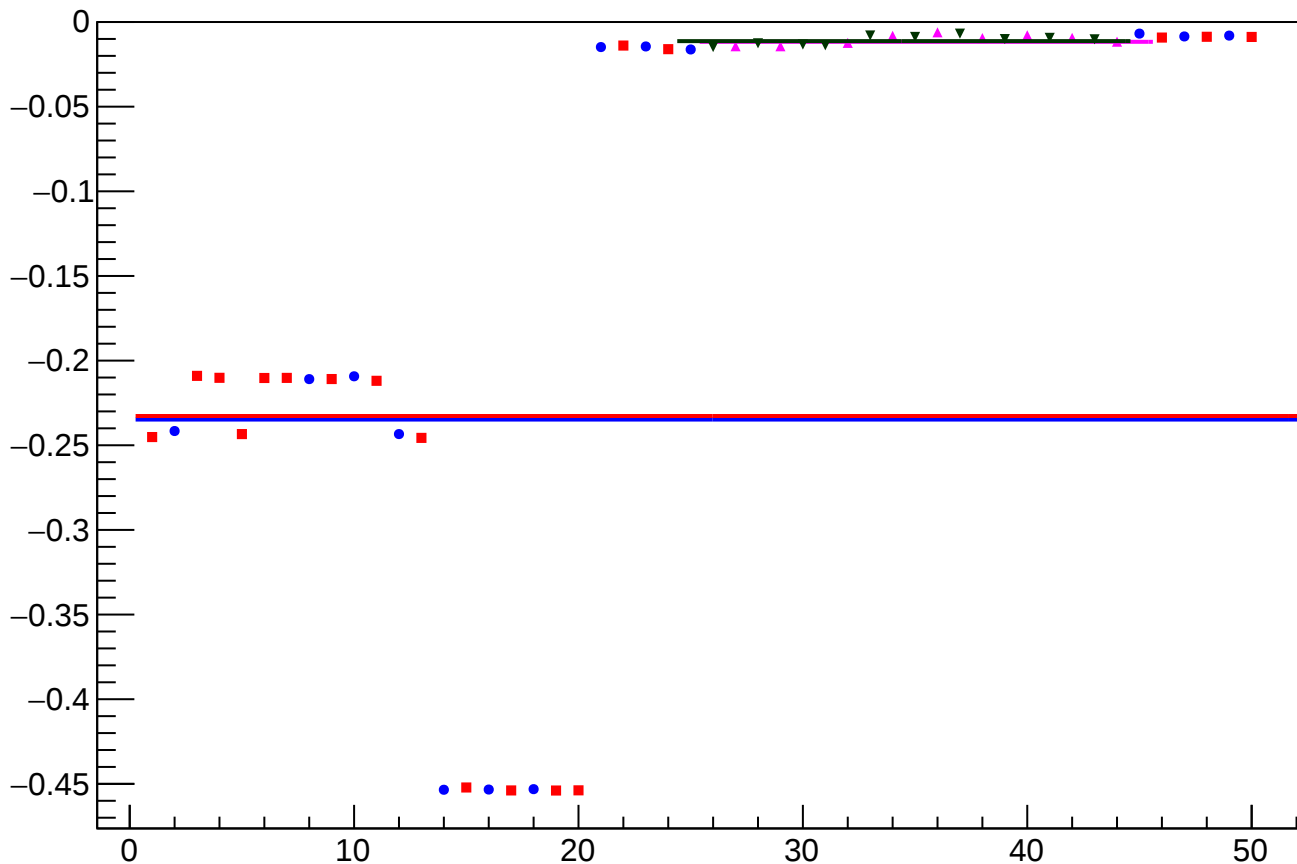
Left Out: 0.075+/-0.000 χ^2/NDF : 583441.6/9

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

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

0.000+/-0.000 χ^2/NDF : 34674602.1/49

yield_bpm4aX_mean vs slug



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

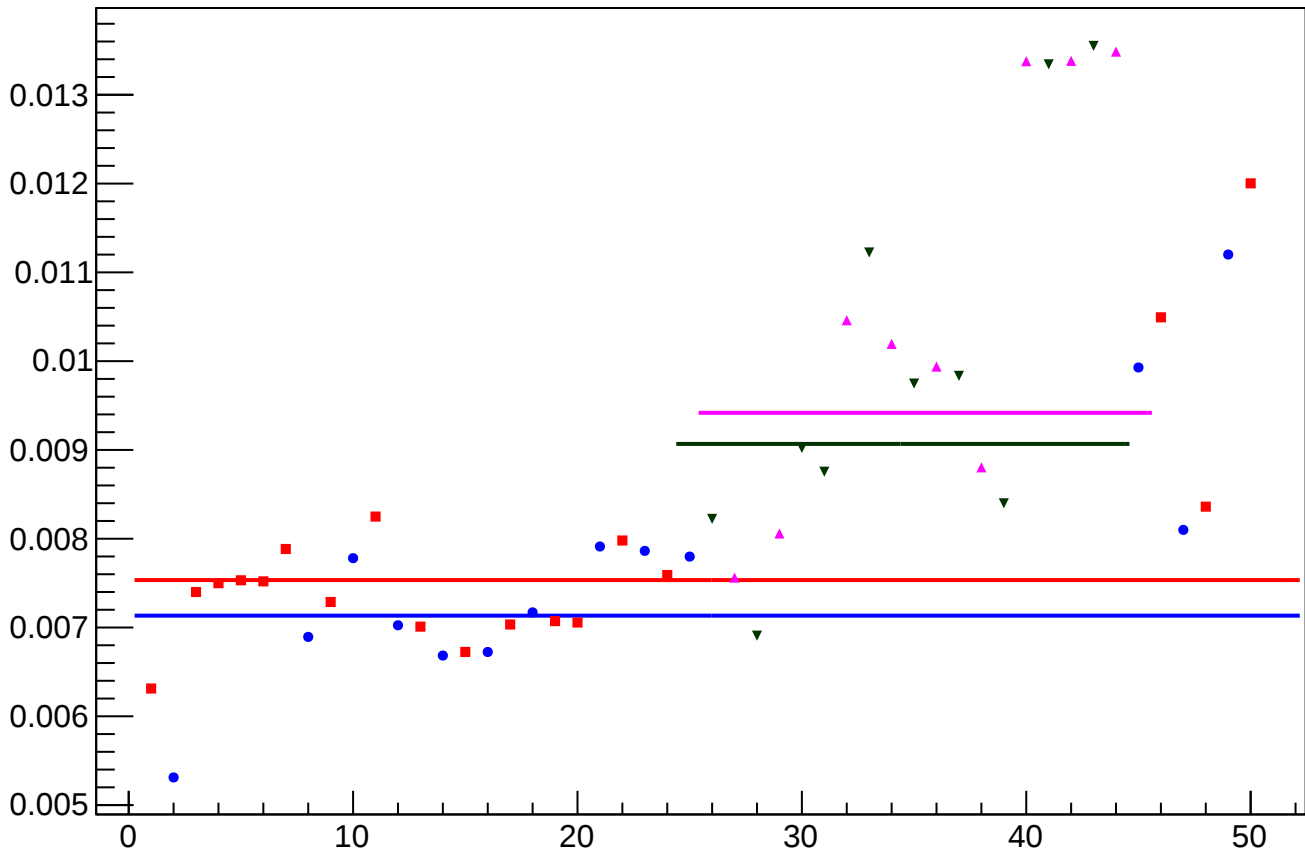
Left Out: -0.011+/-0.000 χ^2/NDF : 378273.8/9

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

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

-0.171+/-0.000 χ^2/NDF : 12017711528.7/49

yield_bpm4aX_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 601843.6/12

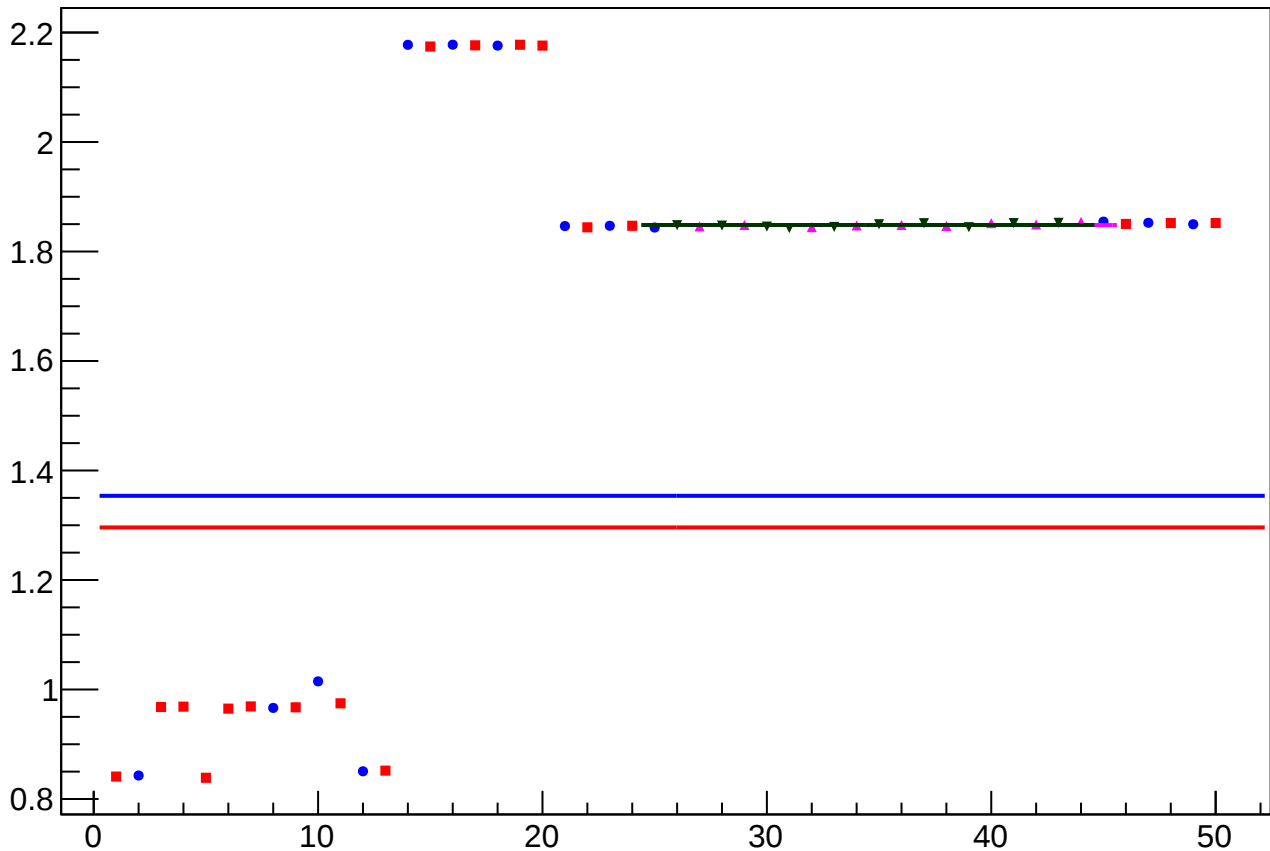
Left Out: 0.009 ± 0.000 χ^2/NDF : 422810.1/9

0.008 ± 0.000 χ^2/NDF : 2457422.1/49

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

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

yield_bpm4aY_mean vs slug



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

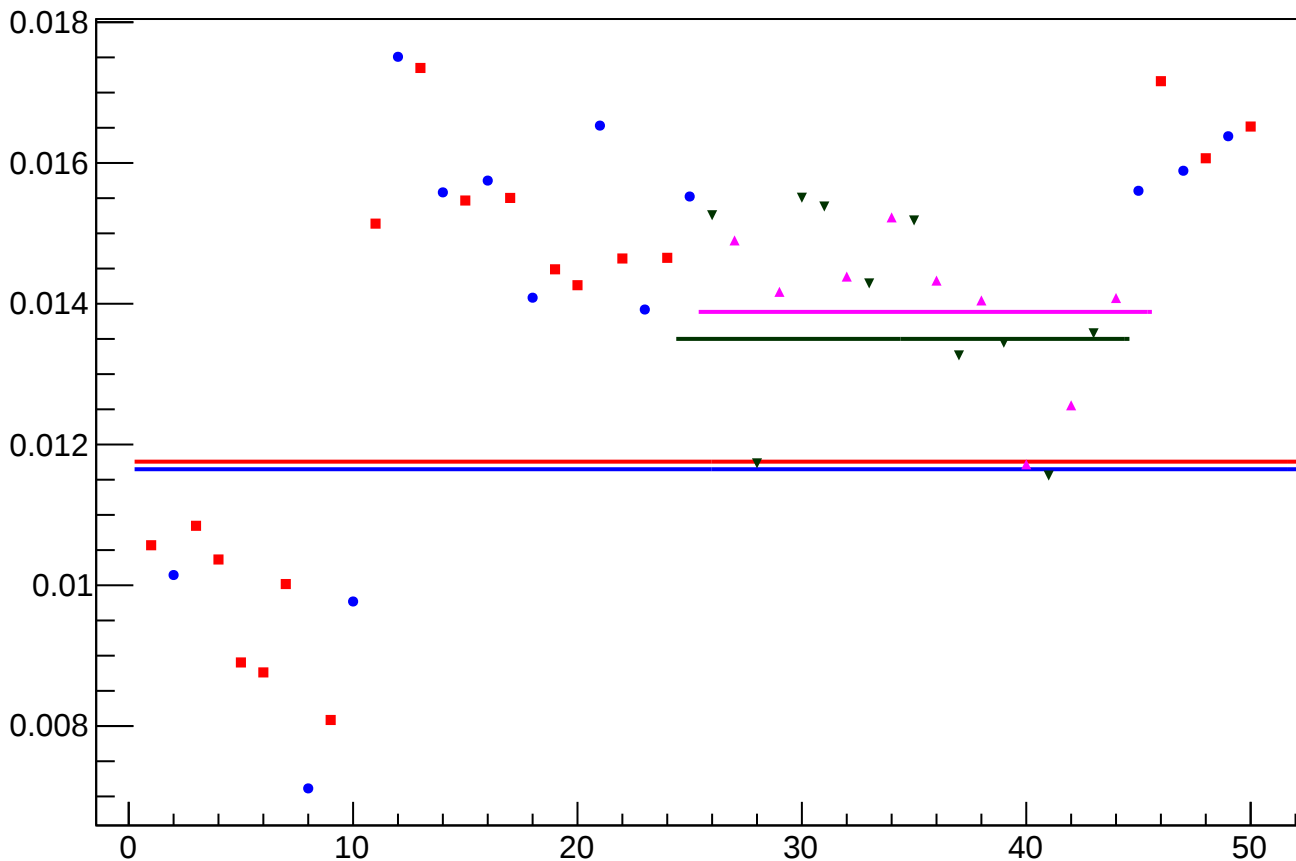
Left Out: 1.848+/-0.000 χ^2/NDF : 275256.1/9

1.500+/-0.000 χ^2/NDF : 39291122457.4/49

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

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

yield_bpm4aY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 1539425.4/12

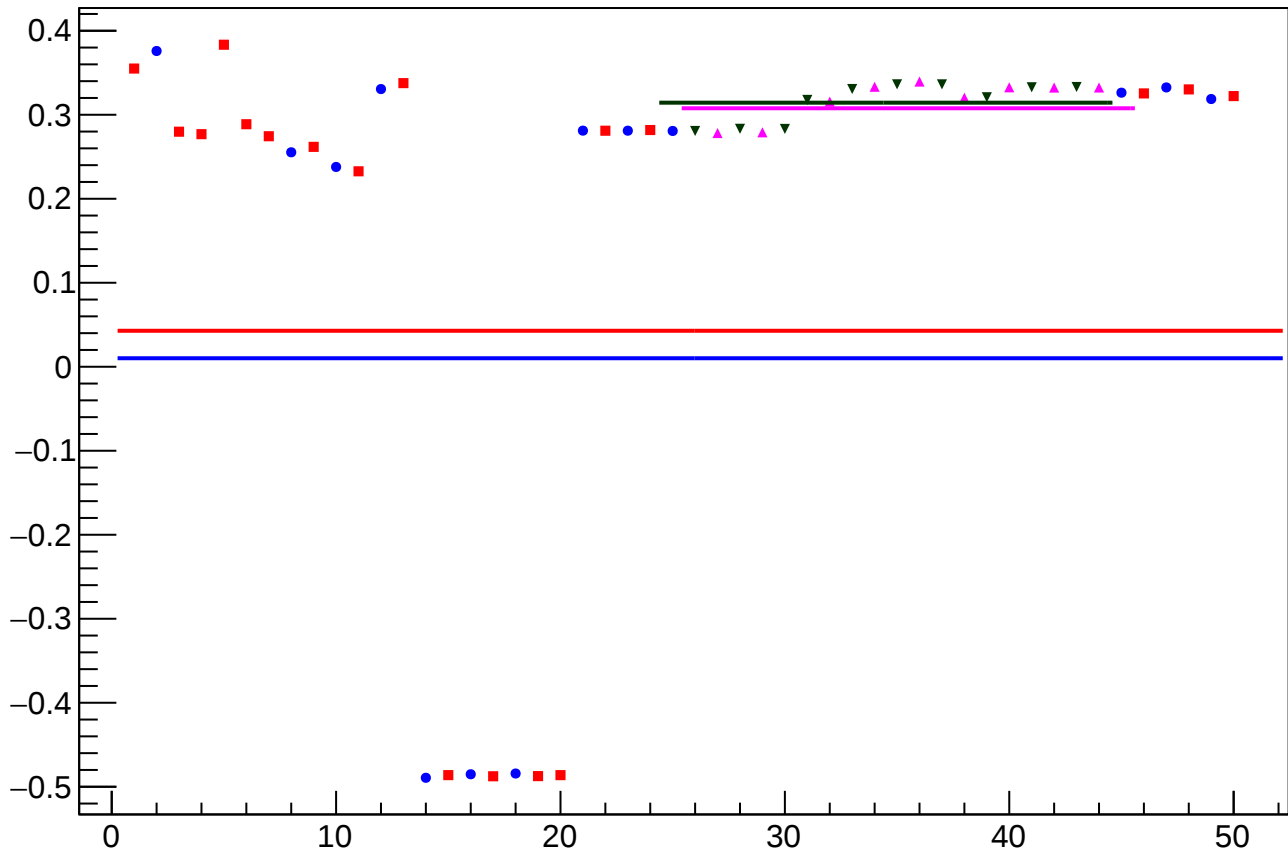
Left Out: 0.014+/-0.000 χ^2/NDF : 115034.4/9

0.012+/-0.000 χ^2/NDF : 3129181.0/49

Right Out: 0.012+/-0.000 χ^2/NDF : 1113451.1/17

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

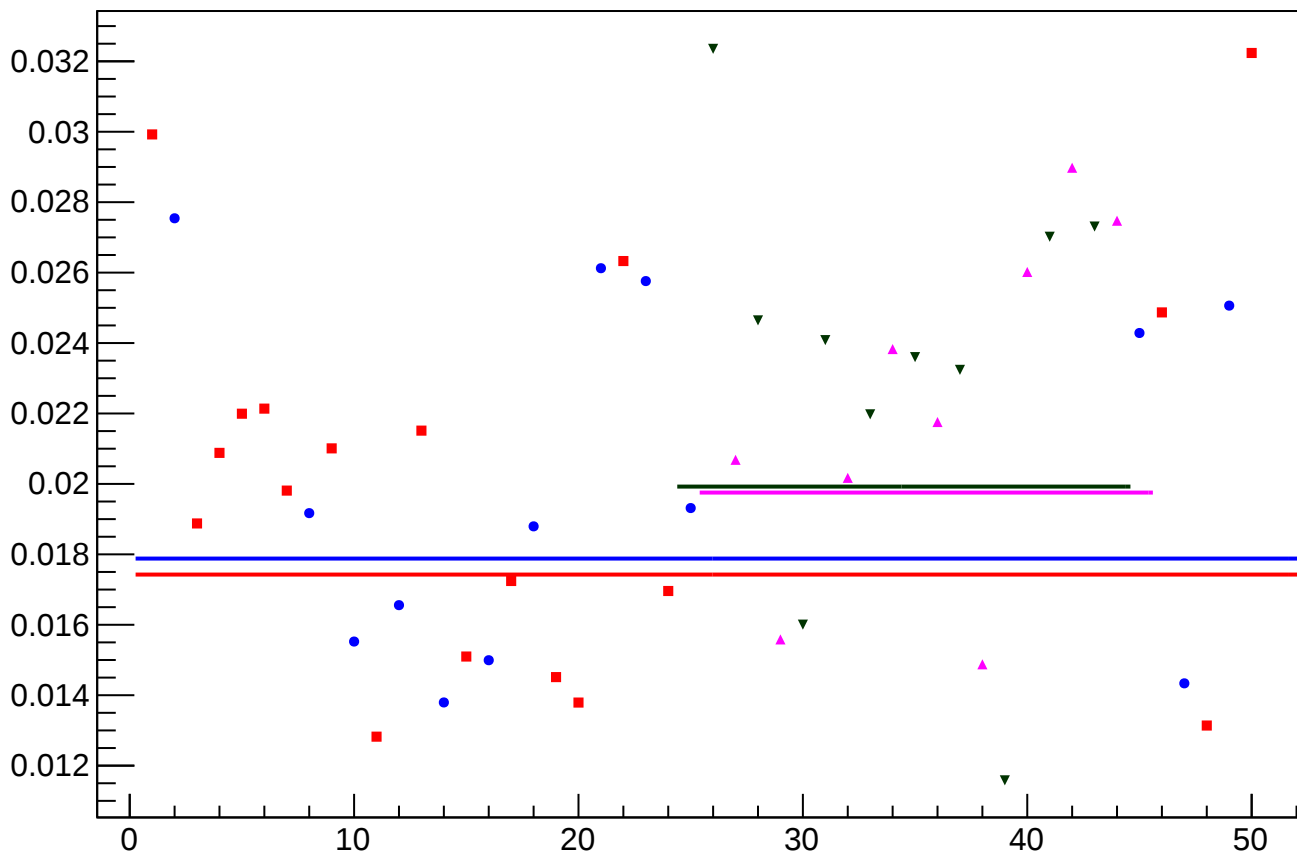
Left Out: 0.314 $\pm$ 0.000 χ^2 /NDF: 5139756.1/9

0.121 $\pm$ 0.000 χ^2 /NDF: 7945956689.6/49

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

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

yield_bpm4eX_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 955386.2/12

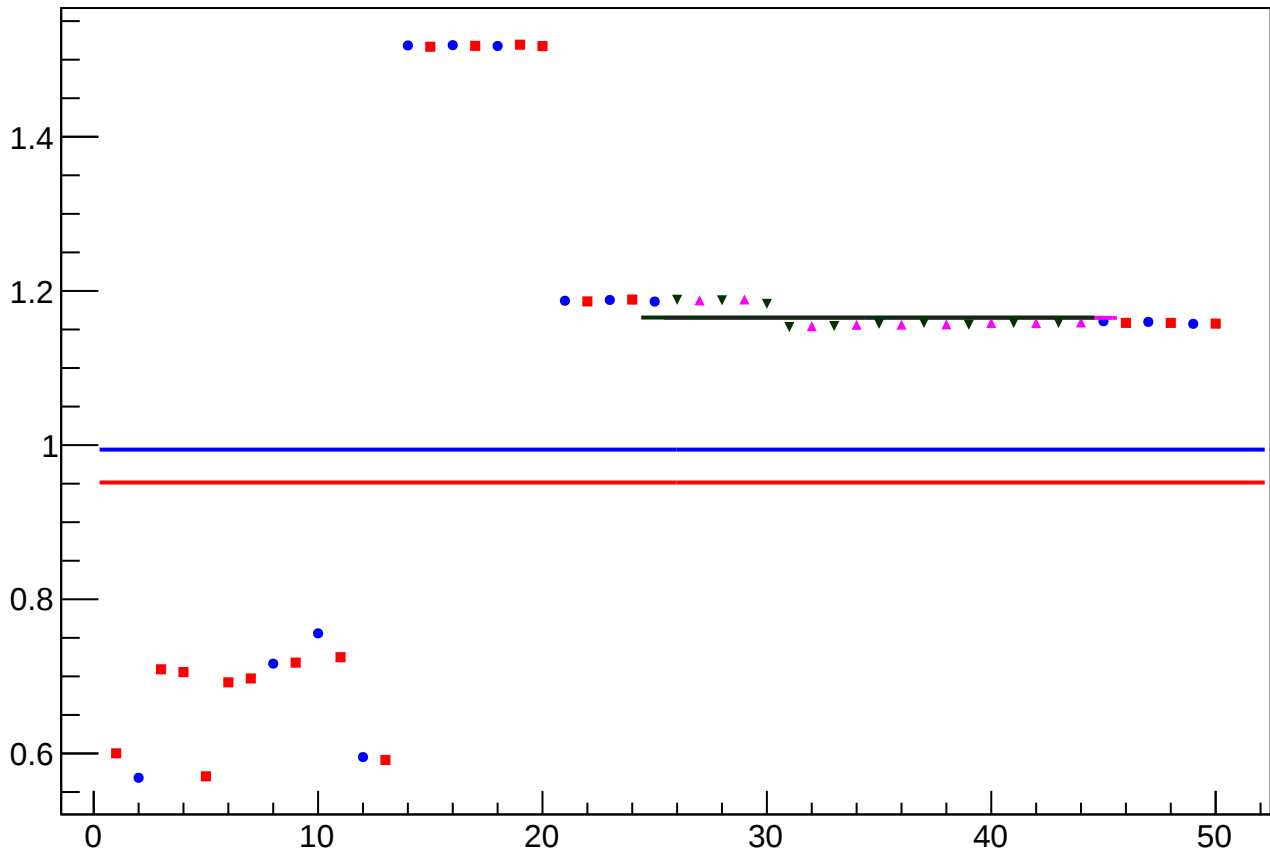
Left Out: 0.020+/-0.000 χ^2/NDF : 889086.3/9

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

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

0.018+/-0.000 χ^2/NDF : 3603217.3/49

yield_bpm4eY_mean vs slug



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

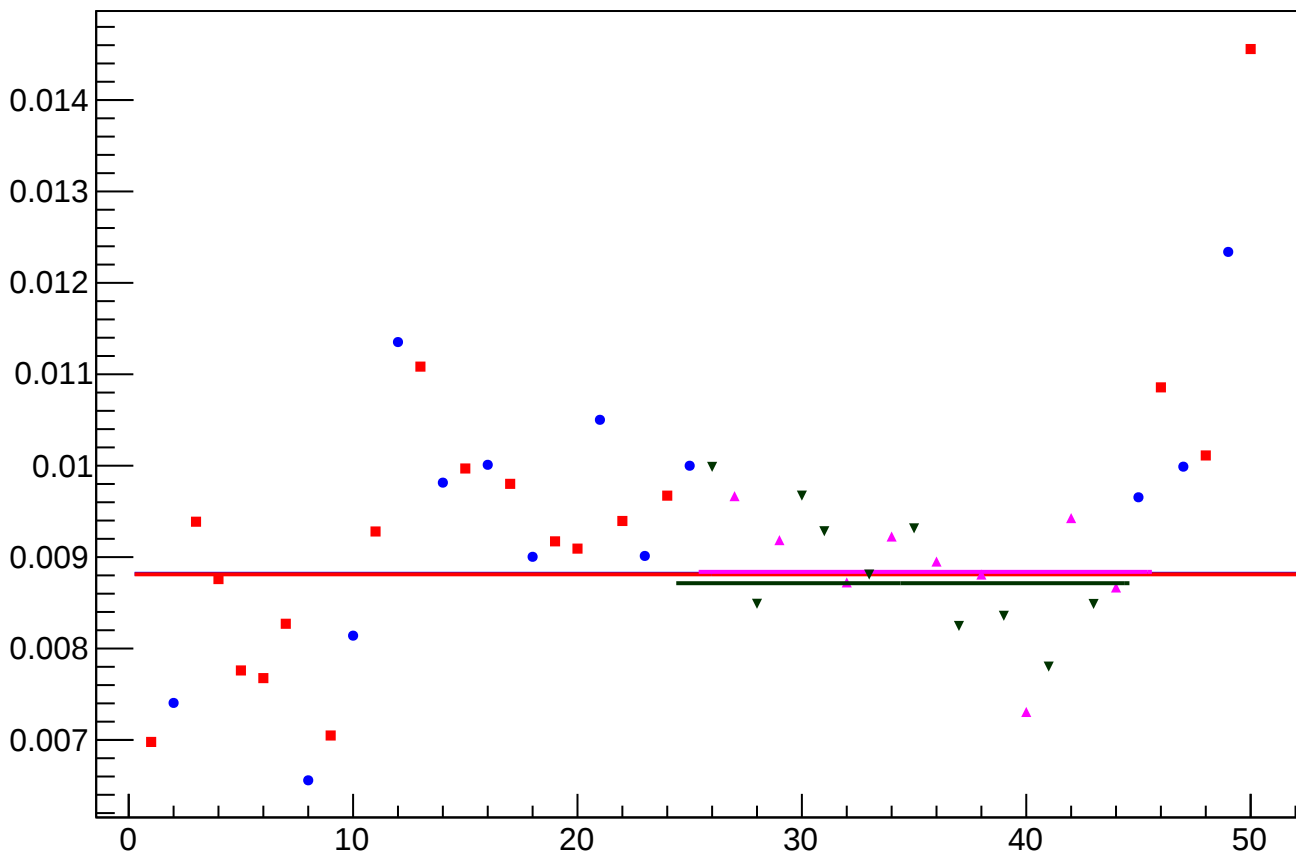
Left Out: 1.166+/-0.000 χ^2/NDF : 12042647.5/9

1.049+/-0.000 χ^2/NDF : 27918619438.1/49

Right Out: 0.951+/-0.000 χ^2/NDF : 11940546894.9/17

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

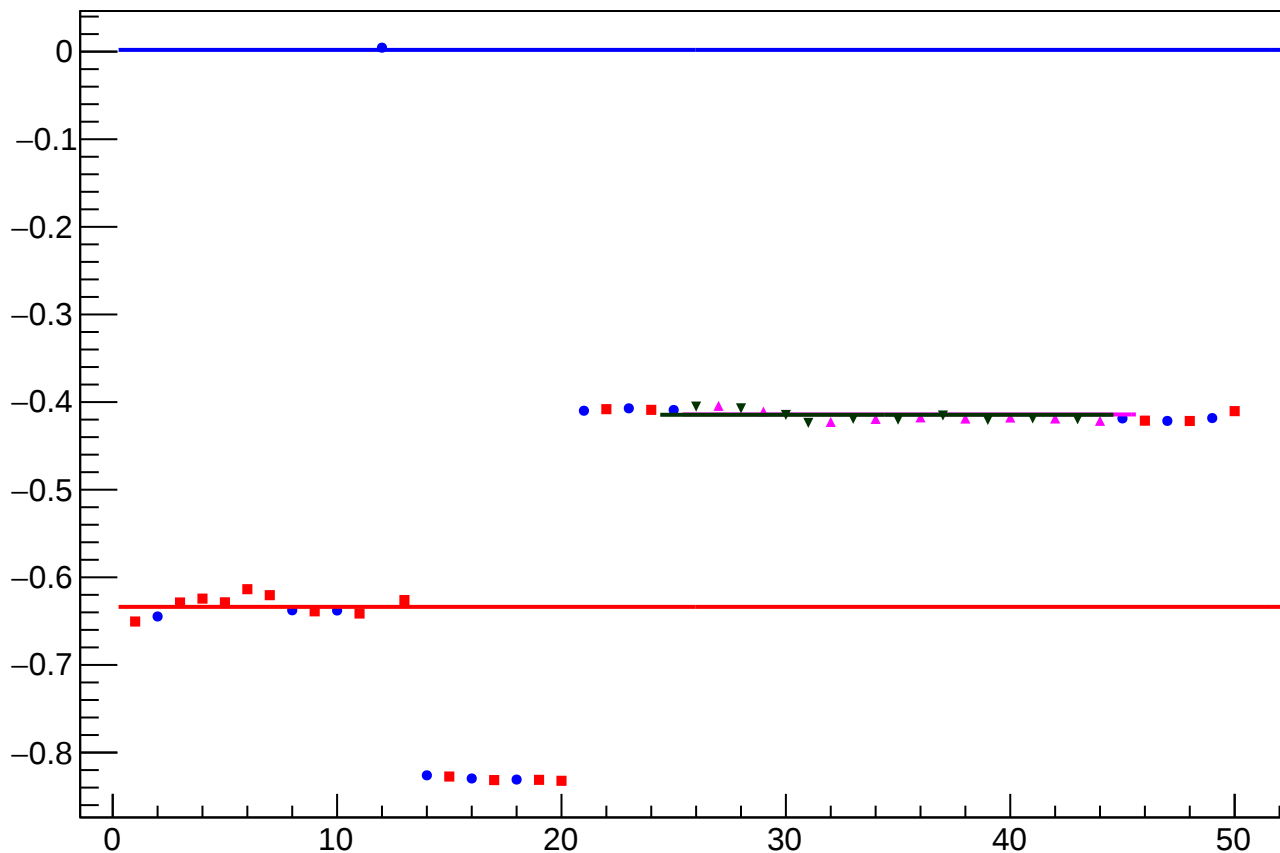
Left Out: 0.009+/-0.000 χ^2/NDF : 53949.8/9

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

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

0.009+/-0.000 χ^2/NDF : 1130042.2/49

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 63278686830.7/12

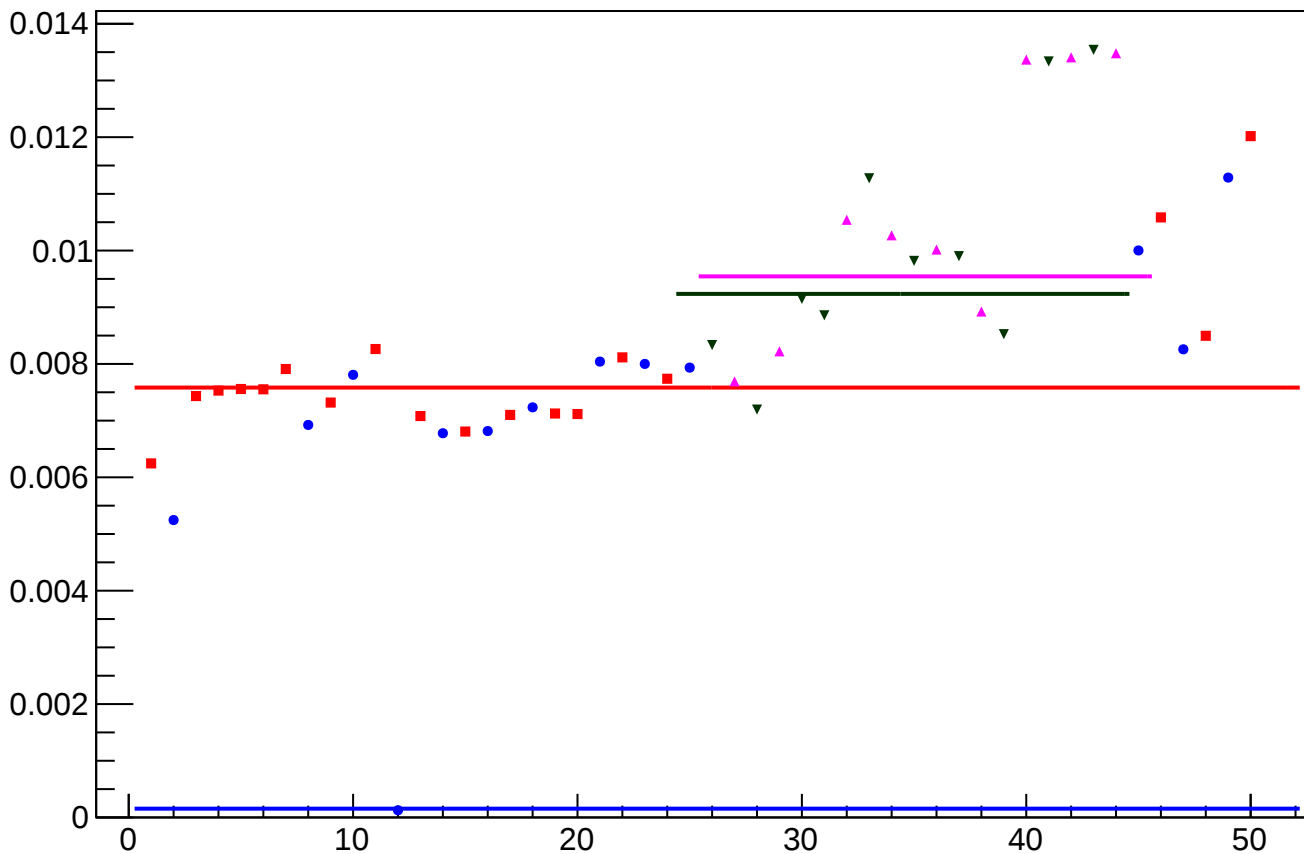
Left Out: -0.414 $\pm$ 0.000 χ^2 /NDF: 2323331.2/9

Right Out: -0.634 $\pm$ 0.000 χ^2 /NDF: 3046477746.3/17

Left In: -0.414 $\pm$ 0.000 χ^2 /NDF: 2652469.0/8

-0.002 $\pm$ 0.000 χ^2 /NDF: 144024120242.7/49

yield_bpm4acX_rms vs slug



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

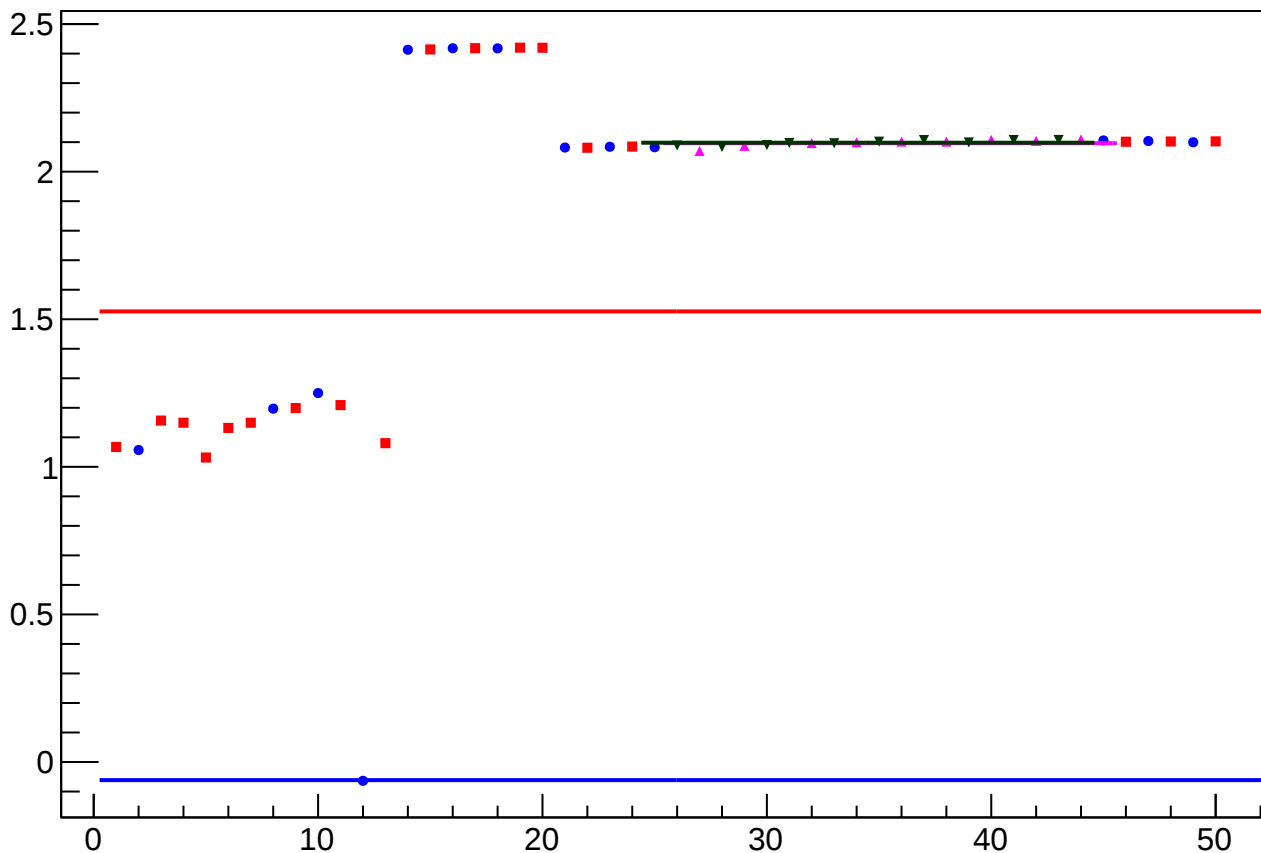
Left Out: 0.009+/-0.000 χ^2 /NDF:378139.6/9

0.000+/-0.000 χ^2 /NDF: 51764331.8/49

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

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

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2 /NDF: 158205210618.5/12

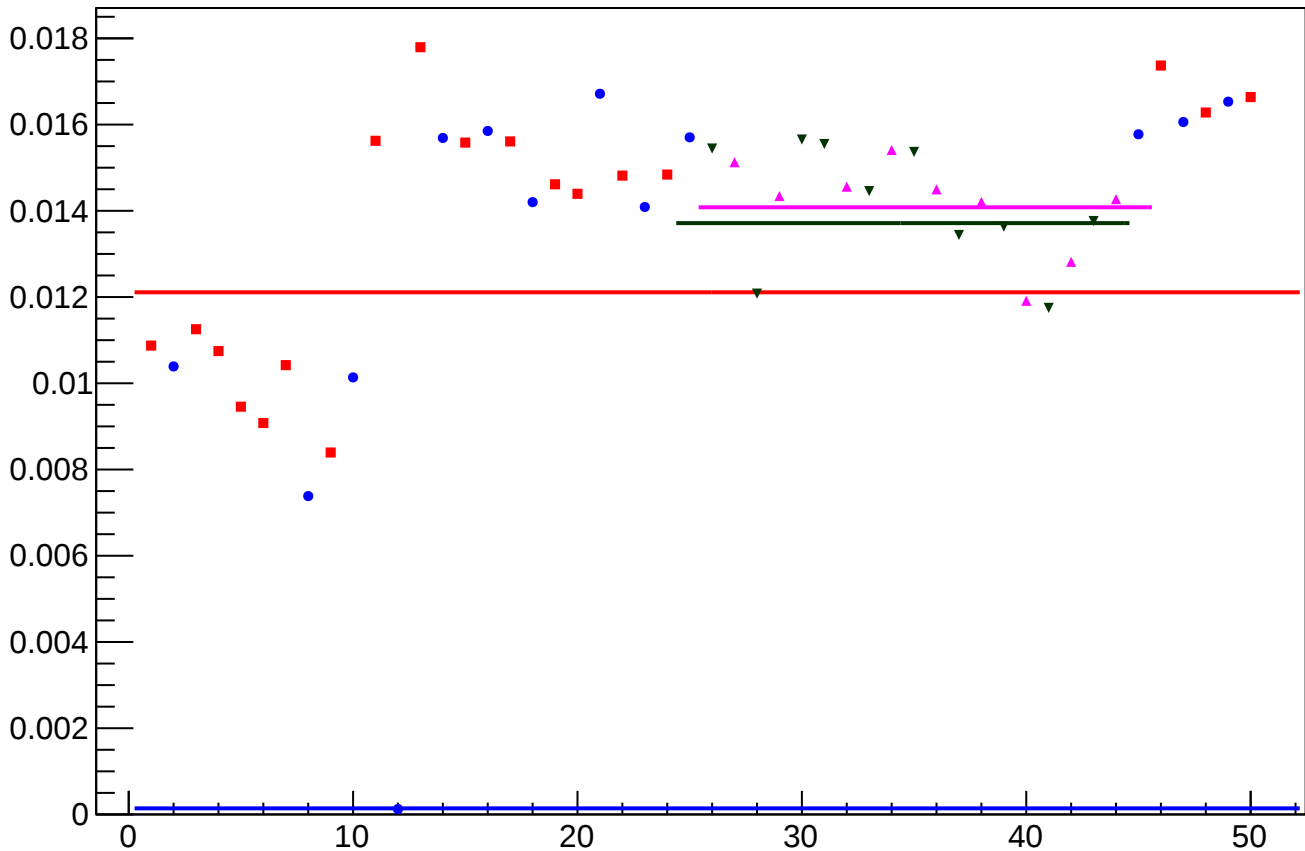
Left Out: 2.098+/-0.000 χ^2 /NDF:1989190.8/9

-0.056+/-0.000 χ^2 /NDF: 552519670743.6/49

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

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

yield_bpm4acY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15027726.7/12

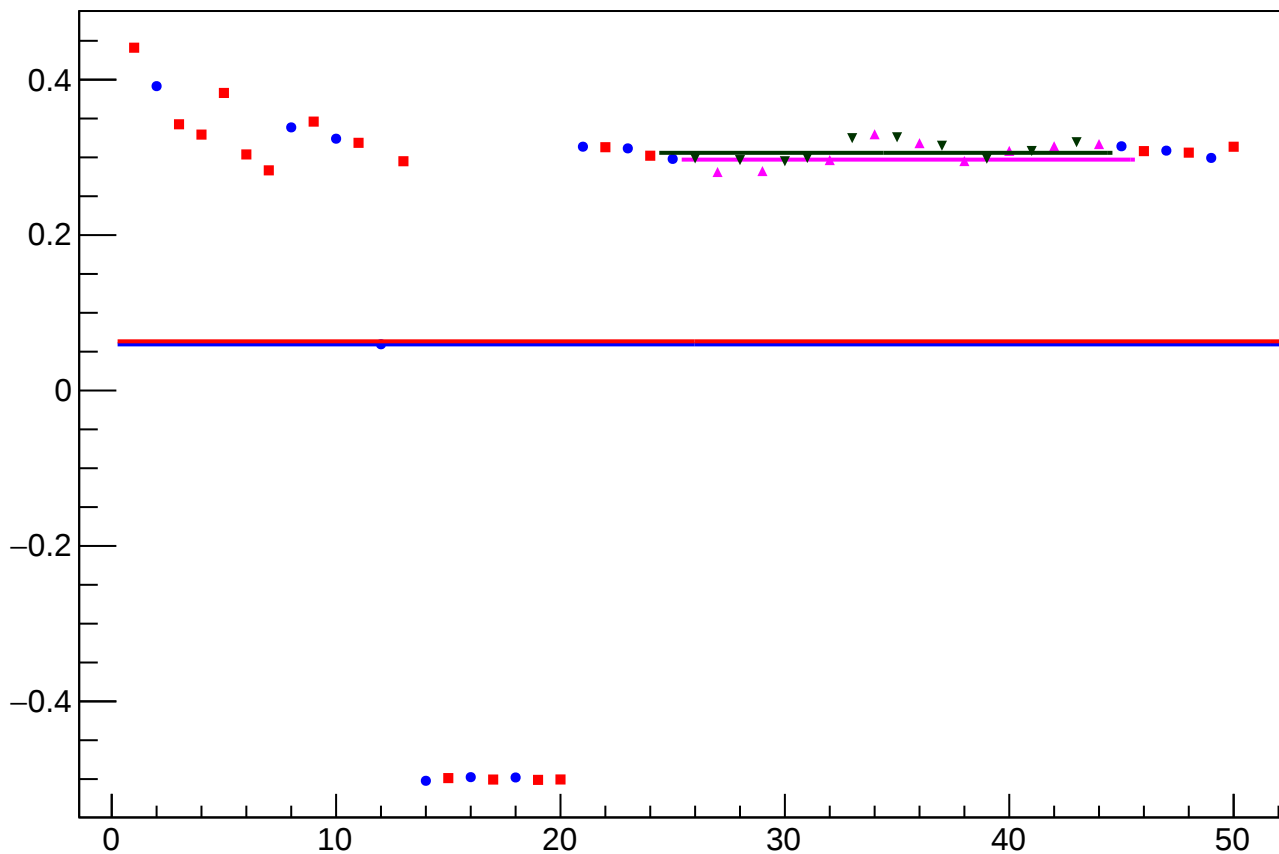
Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF:105900.8/9

0.000 $\pm$ 0.000 χ^2 /NDF: 51335223.8/49

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 1023931.9/17

Left In: 0.014 $\pm$ 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

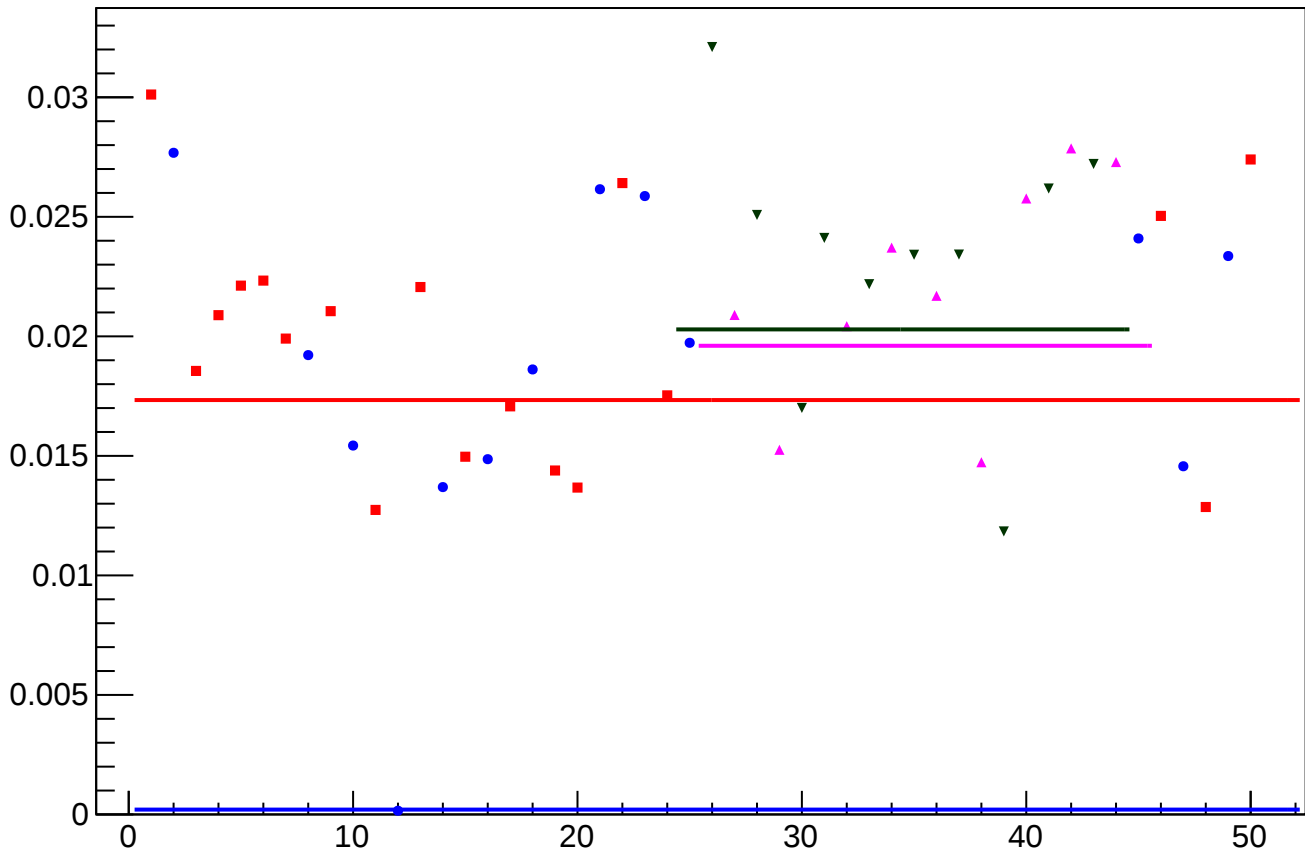
Left Out: 0.306+/-0.000 χ^2/NDF :1442244.8/9

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

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

0.060+/-0.000 χ^2/NDF : 8786524949.7/49

yield_bpm4ecX_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14969276.1/12

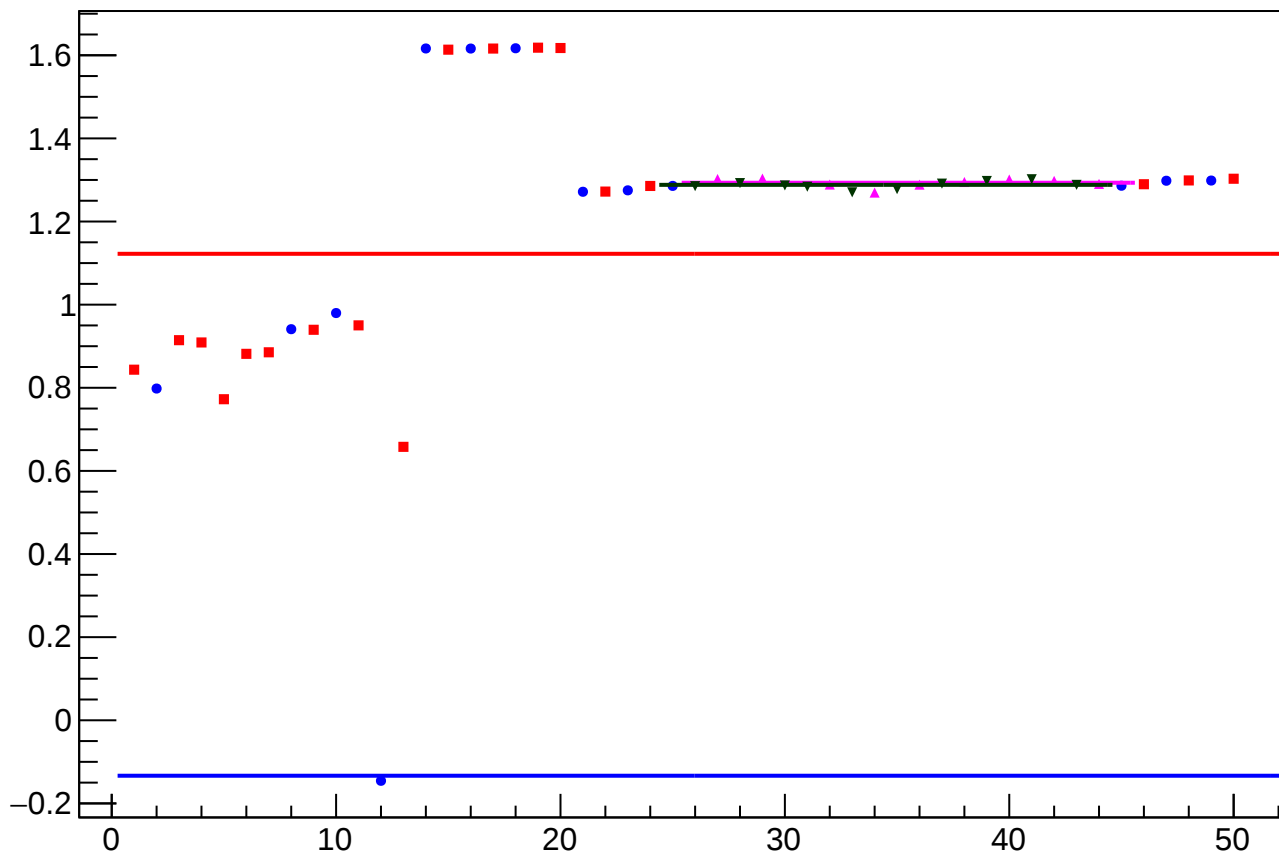
Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 809735.4/9

0.000 $\pm$ 0.000 χ^2 /NDF: 50572669.3/49

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

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

yield_bpm4ecY_mean vs slug



Right In: -0.133+/-0.000 χ^2/NDF : 156469030149.0/12

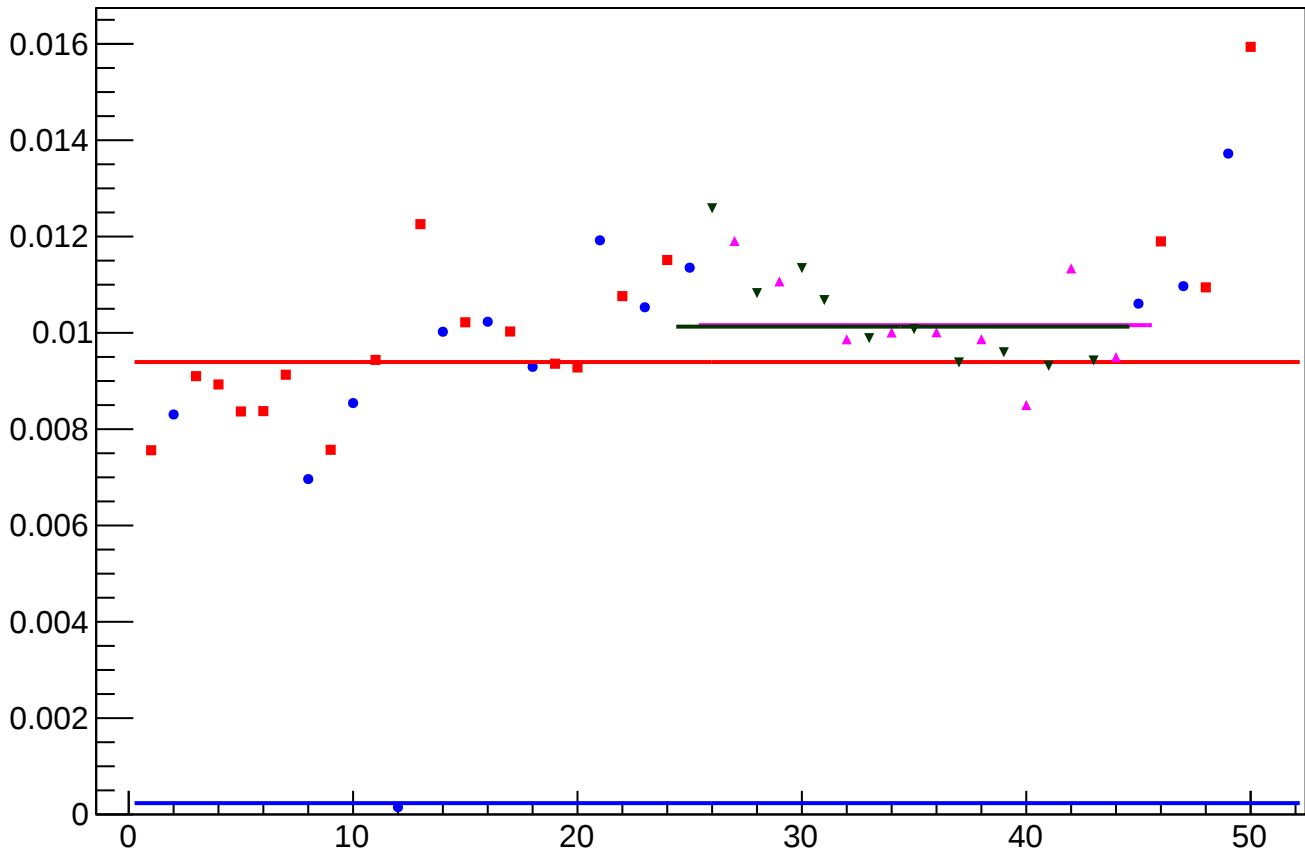
Left Out: 1.288+/-0.000 χ^2/NDF : 3975612.3/9

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

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

-0.106+/-0.000 χ^2/NDF : 502838327717.8/49

yield_bpm4ecY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14789142.2/12

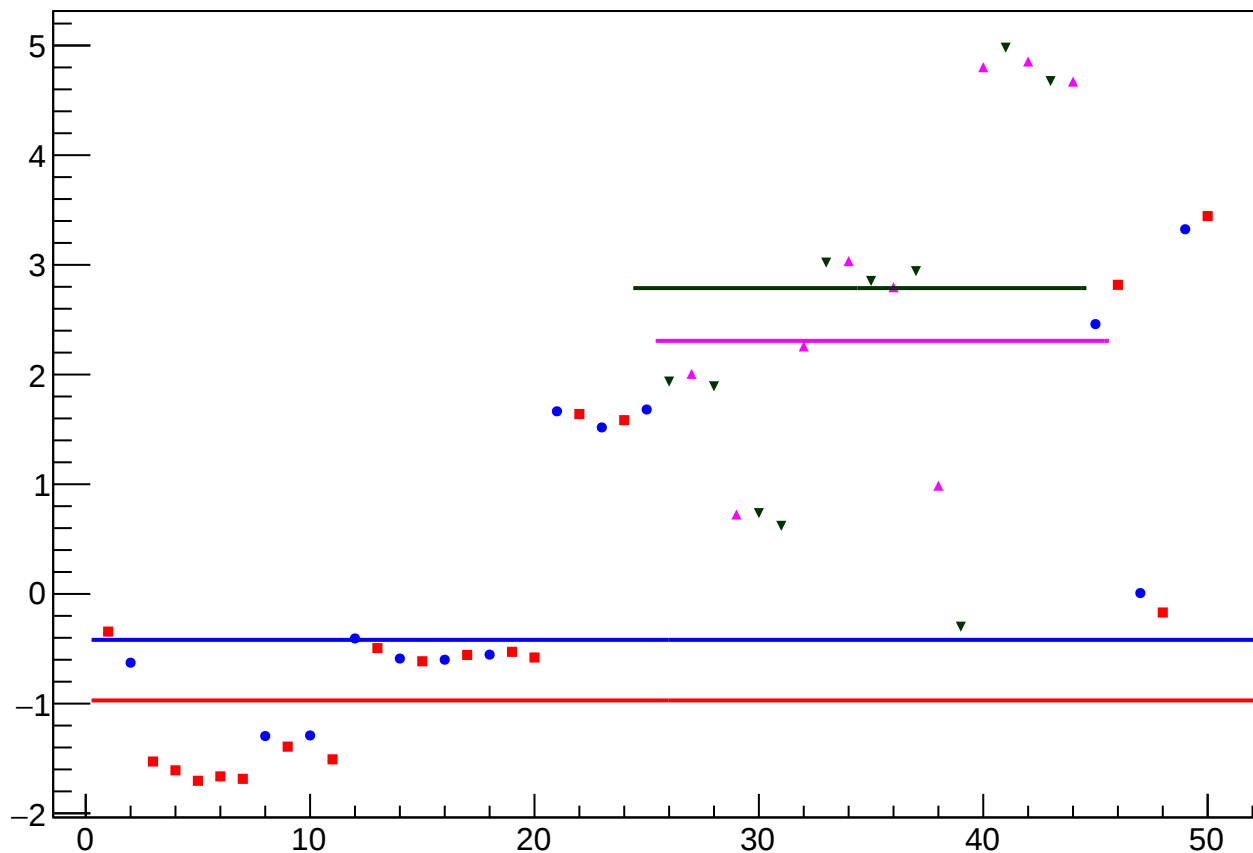
Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 78195.0/9

0.000 $\pm$ 0.000 χ^2 /NDF: 49541156.8/49

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

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

yield_bpm1X_mean vs slug



Right In: -0.419 ± 0.000 $\chi^2/\text{NDF}: 4209073799.1/12$

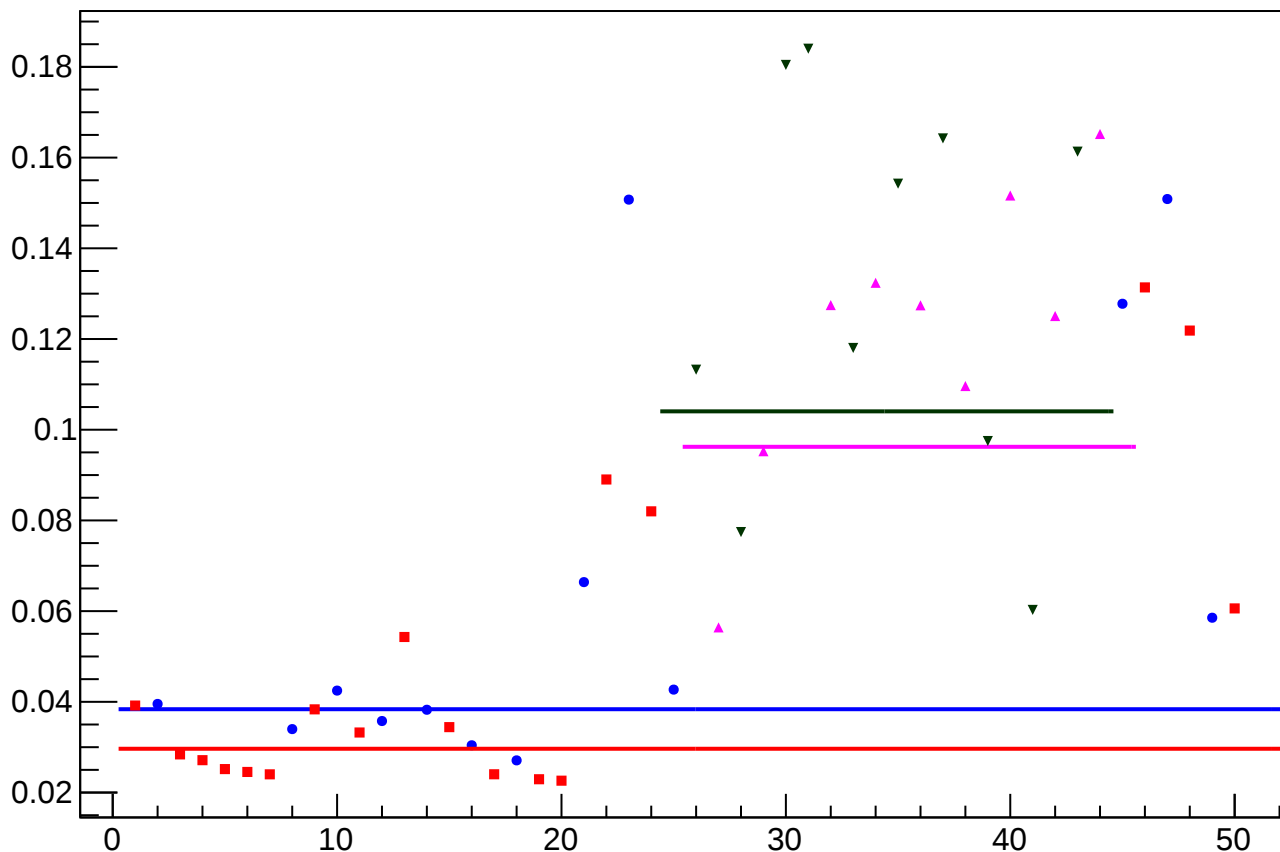
Left Out: 2.788 ± 0.000 $\chi^2/\text{NDF}: 939335767.4/9$

Right Out: -0.971 ± 0.000 $\chi^2/\text{NDF}: 4837675748.8/17$

Left In: 2.307 ± 0.000 $\chi^2/\text{NDF}: 636943051.6/8$

-0.550 ± 0.000 $\chi^2/\text{NDF}: 18794498601.8/49$

yield_bpm1X_rms vs slug



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

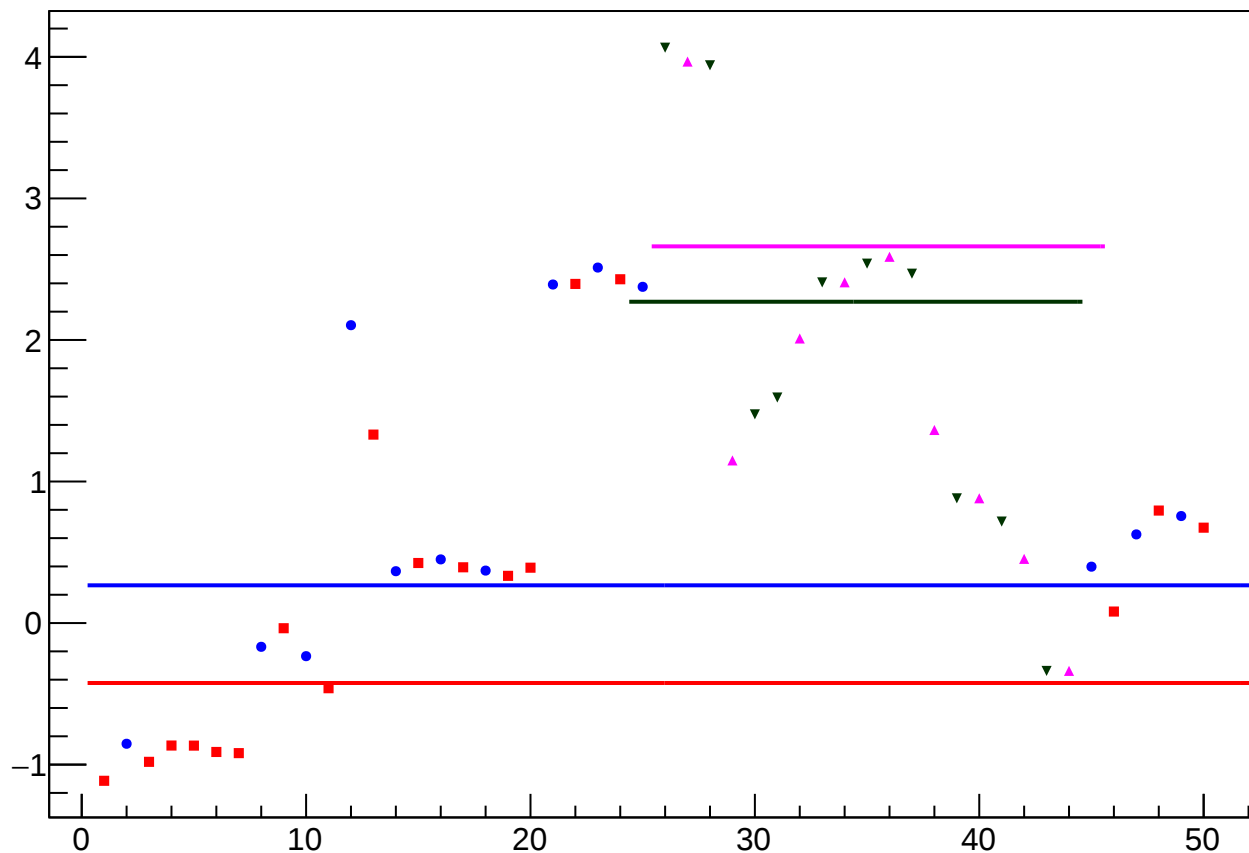
Left Out: 0.104+/-0.000 χ^2/NDF : 1080558.8/9

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

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

0.037+/-0.000 χ^2/NDF : 12748987.5/49

yield_bpm1Y_mean vs slug



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

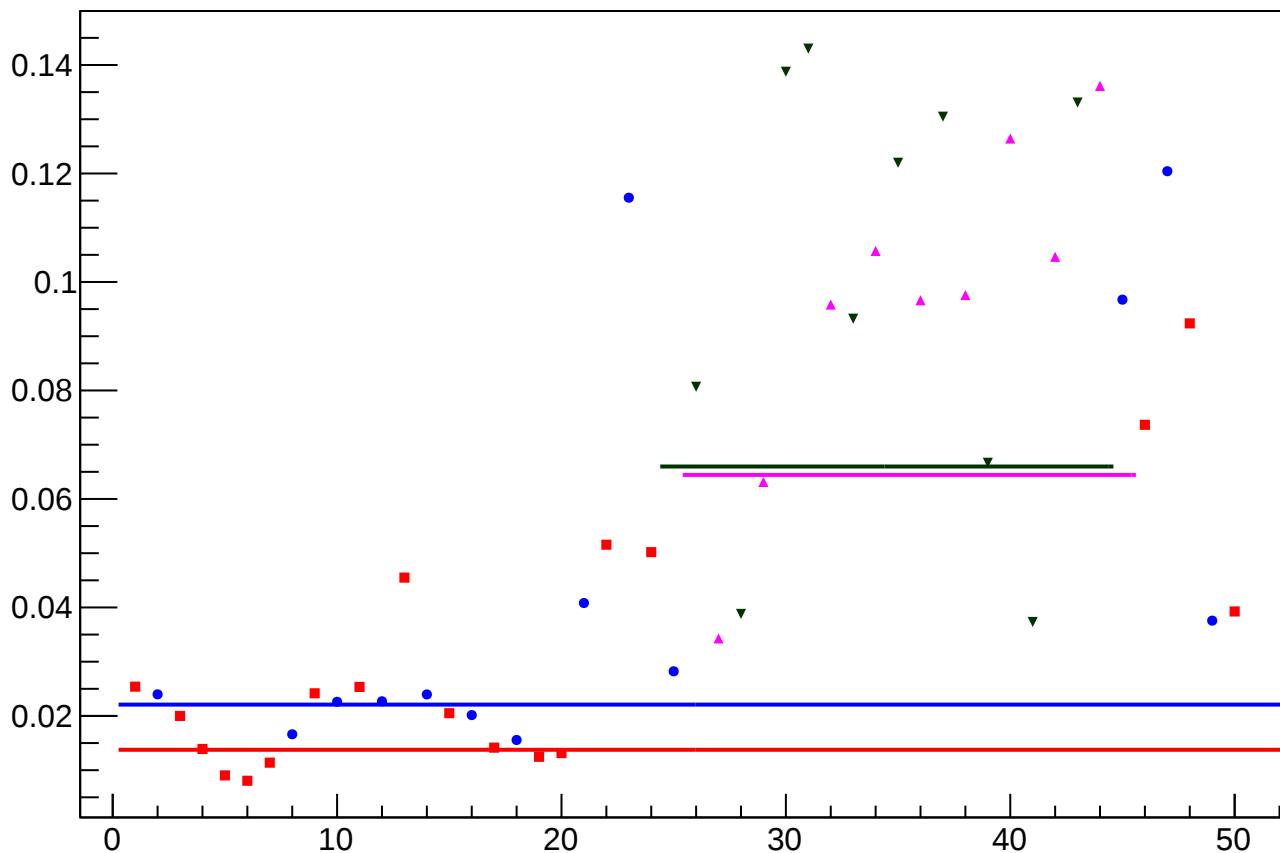
Left Out: 2.270+/-0.000 χ^2/NDF :1464784442.9/9

Right Out: -0.423+/-0.000 χ^2/NDF : 10676640812.6/17

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

-0.112+/-0.000 χ^2/NDF : 34125479320.0/49

yield_bpm1Y_rms vs slug



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

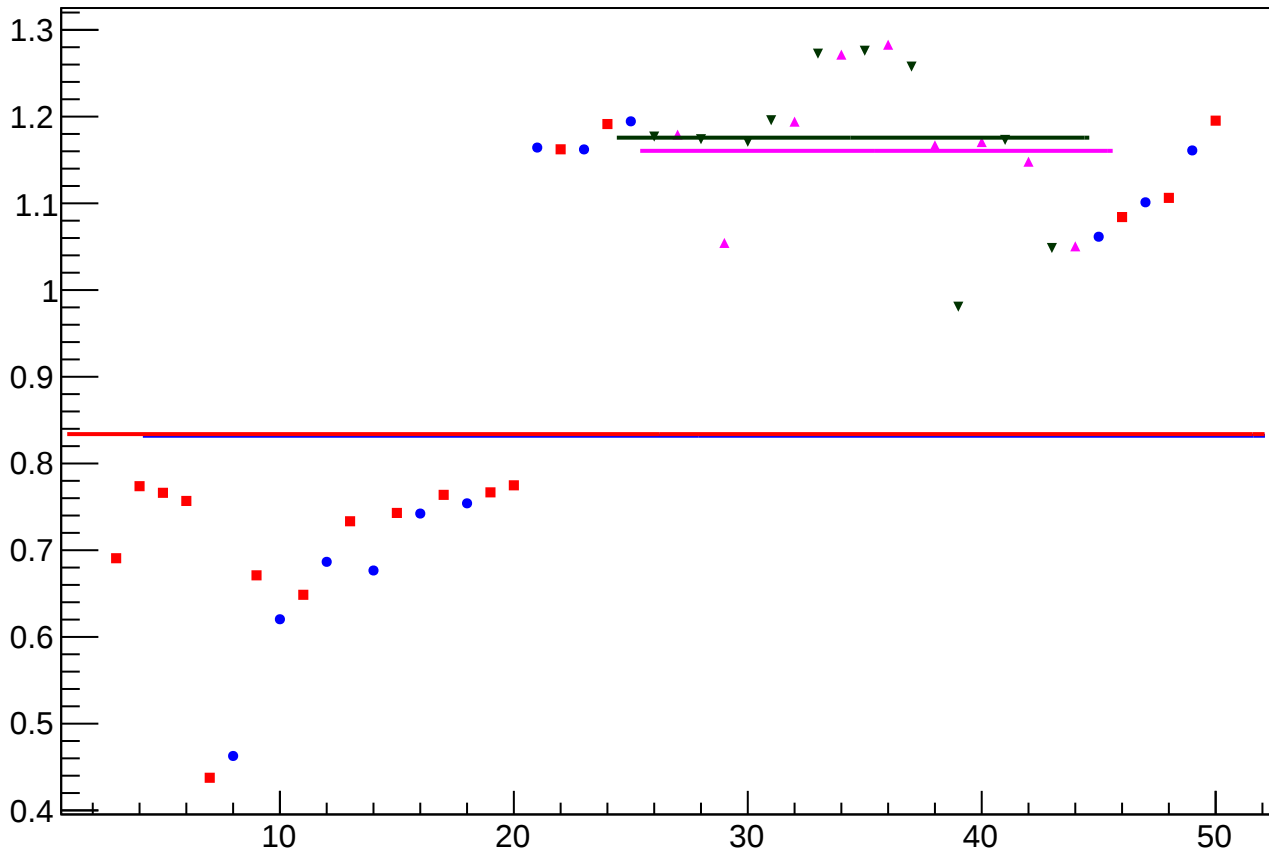
Left Out: 0.066+/-0.000 χ^2/NDF :1793503.7/9

0.018+/-0.000 χ^2/NDF : 16944133.1/49

Right Out: 0.014+/-0.000 χ^2/NDF : 3297681.5/17

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

yield_bpm11X_mean vs slug



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

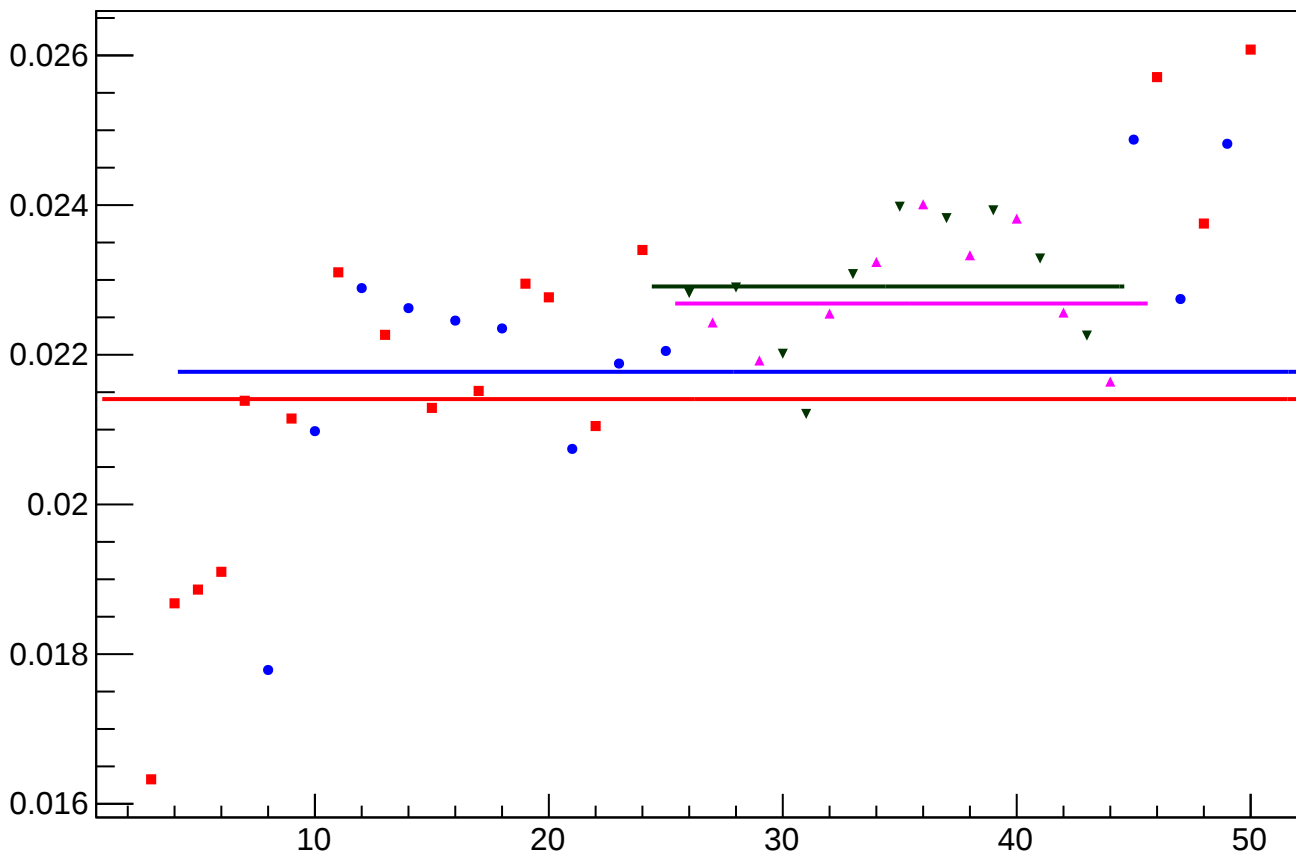
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66957643.7/9

0.962 $\pm$ 0.000 χ^2 /NDF: 3327344930.2/47

Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 712401463.0/16

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

yield_bpm11X_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 138353.6/11

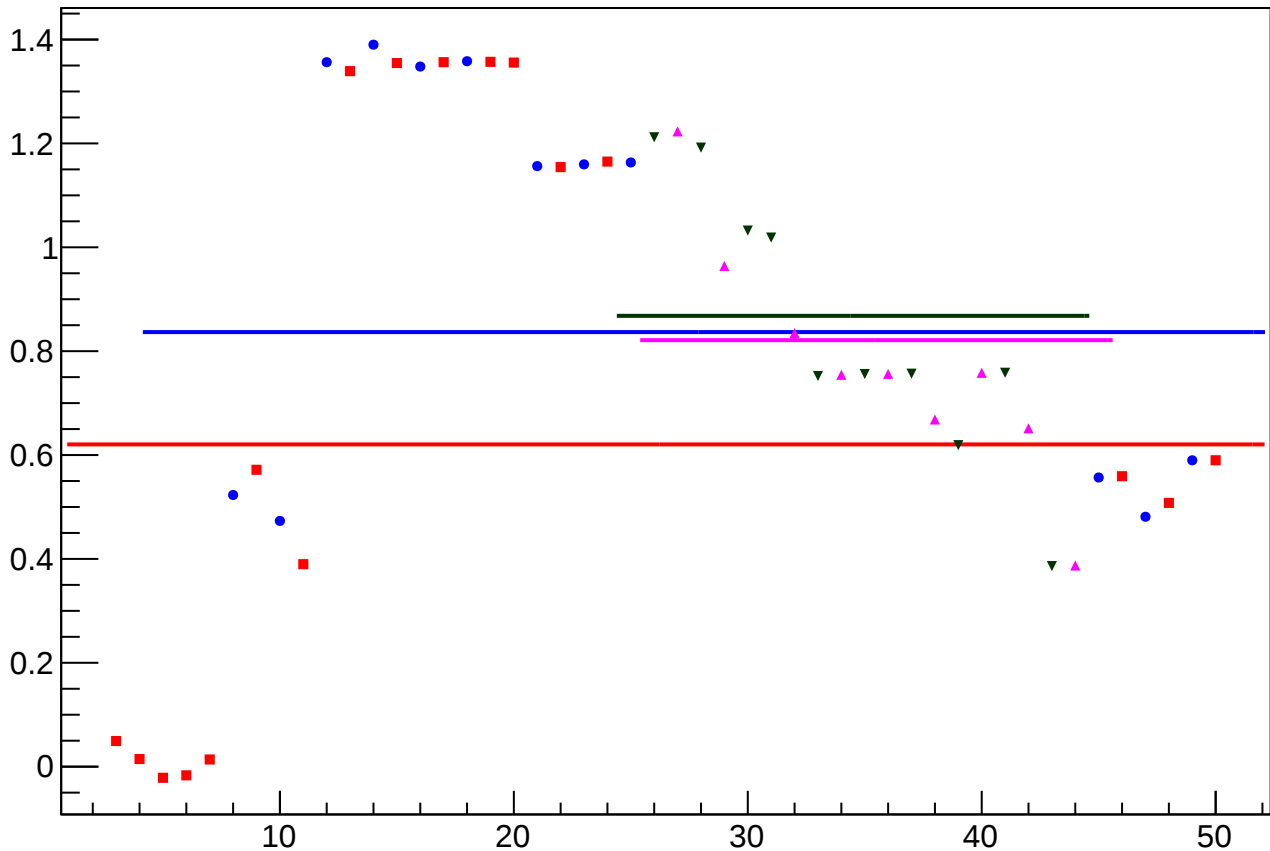
Left Out: 0.023+/-0.000 χ^2/NDF :12595.5/9

Right Out: 0.021+/-0.000 χ^2/NDF : 191515.0/16

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

0.022+/-0.000 χ^2/NDF : 392145.2/47

yield_bpm11Y_mean vs slug



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

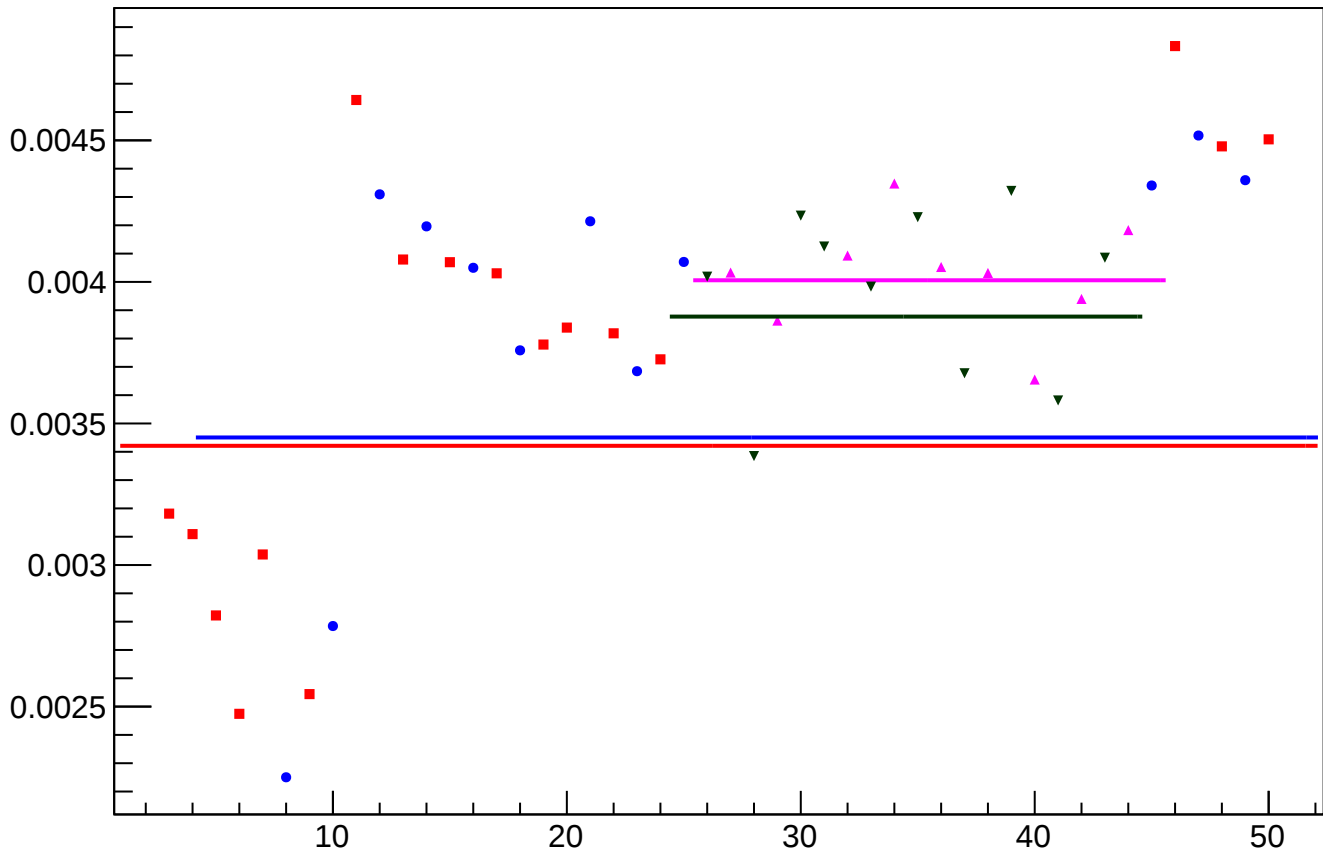
Left Out: 0.868 $\pm$ 0.000 χ^2 /NDF: 20106418581.2/9

0.767 $\pm$ 0.000 χ^2 /NDF: 319079527061.9/47

Right Out: 0.620 $\pm$ 0.000 χ^2 /NDF: 173204601422.8/16

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

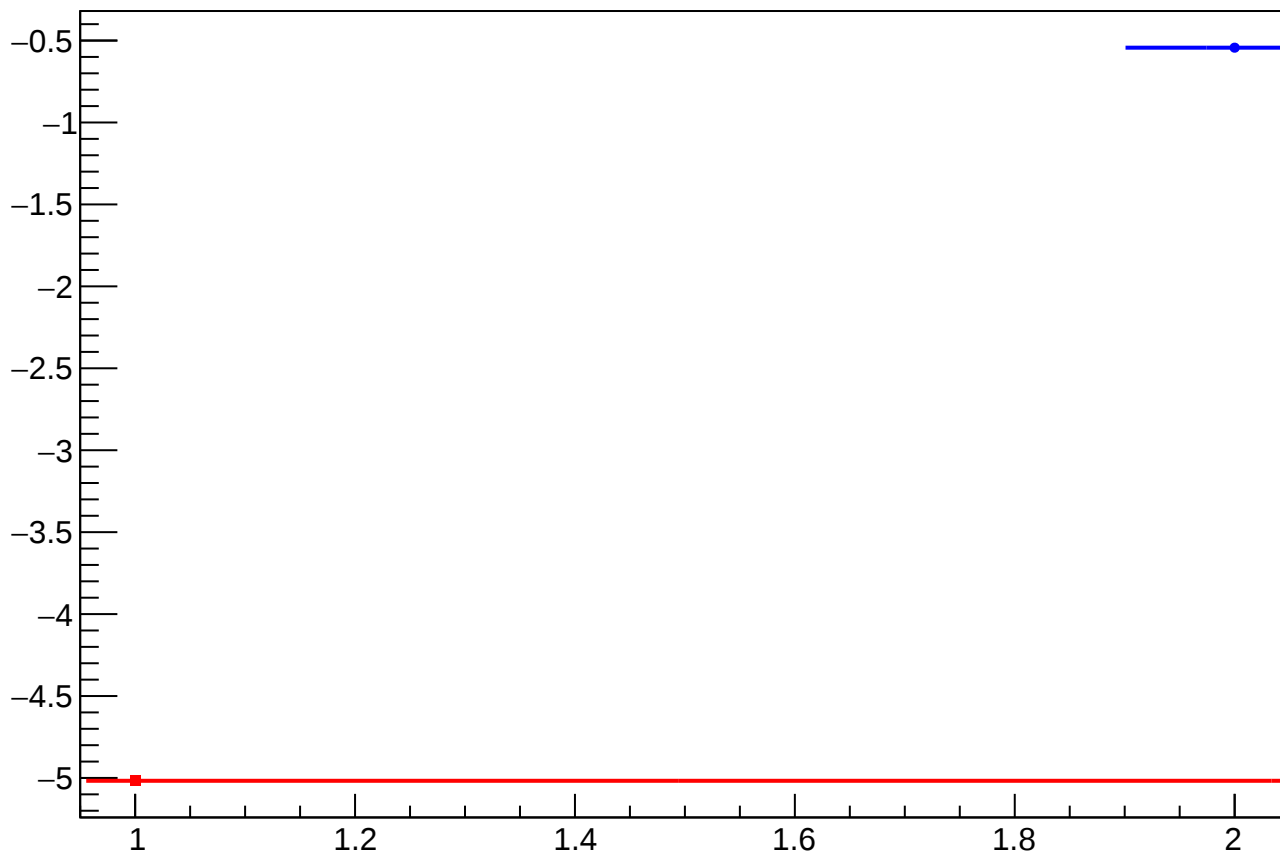
Left Out: 0.004+/-0.000 χ^2/NDF : 65302.6/9

Right Out: 0.003+/-0.000 χ^2/NDF : 748808.0/16

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

0.004+/-0.000 χ^2/NDF : 1960166.2/47

yield_bpm14X_mean vs slug



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

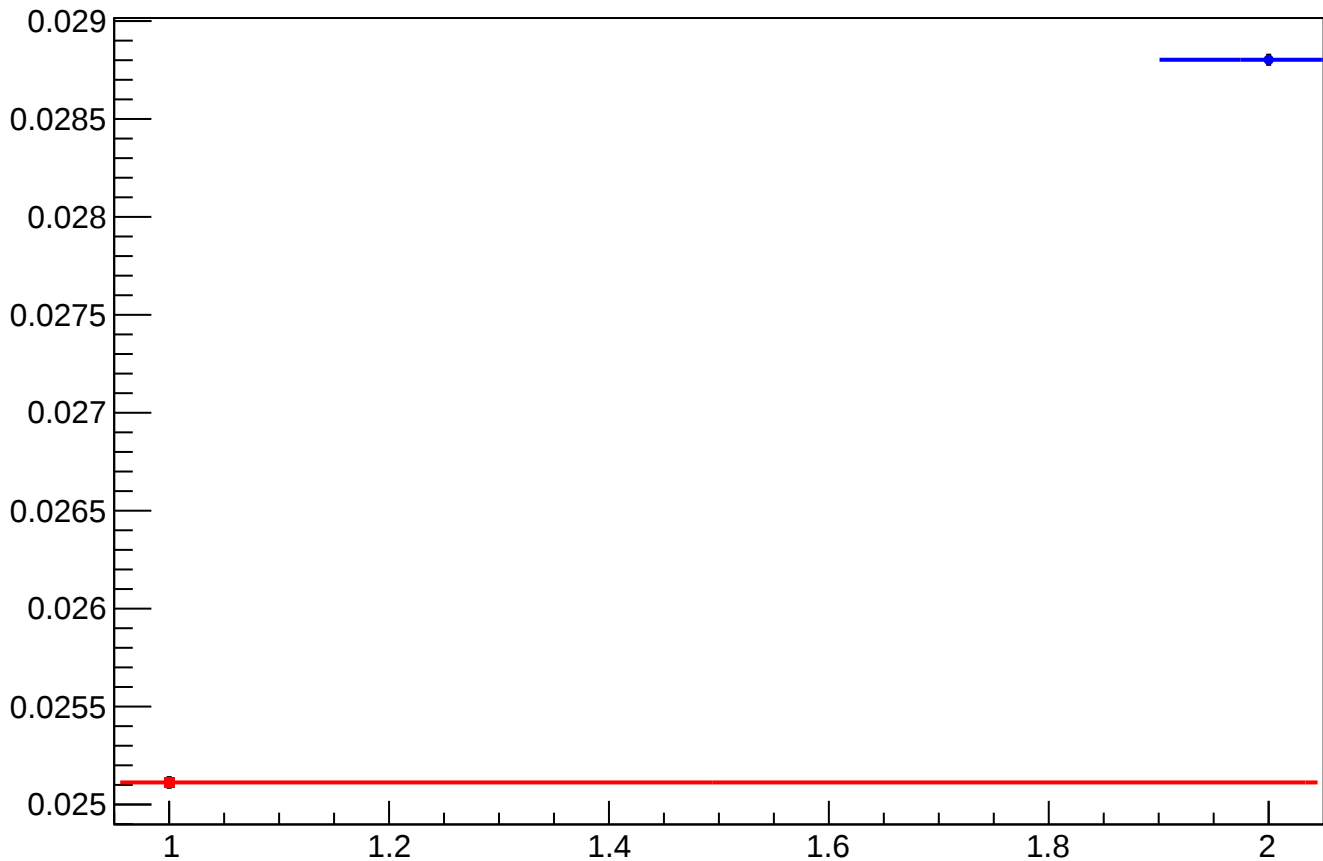
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

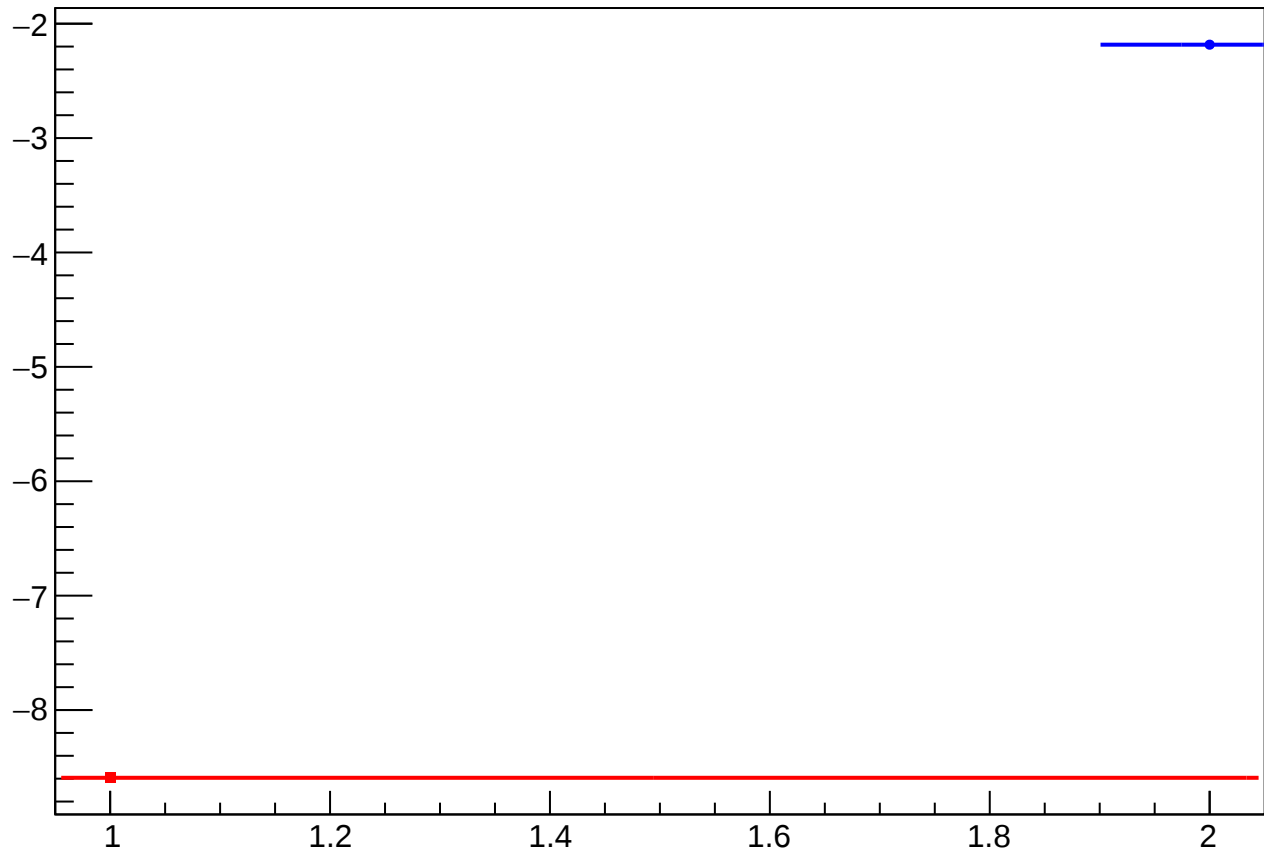
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

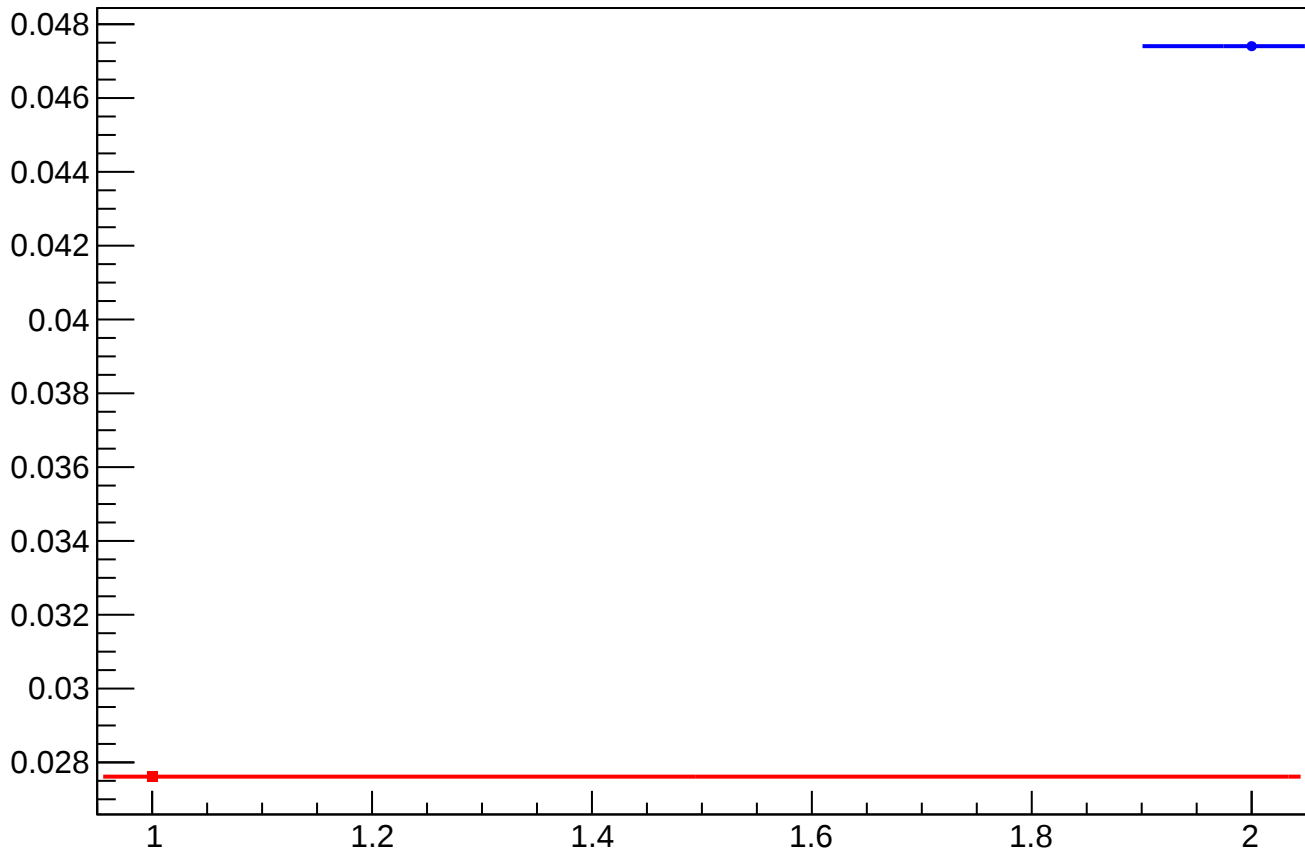
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

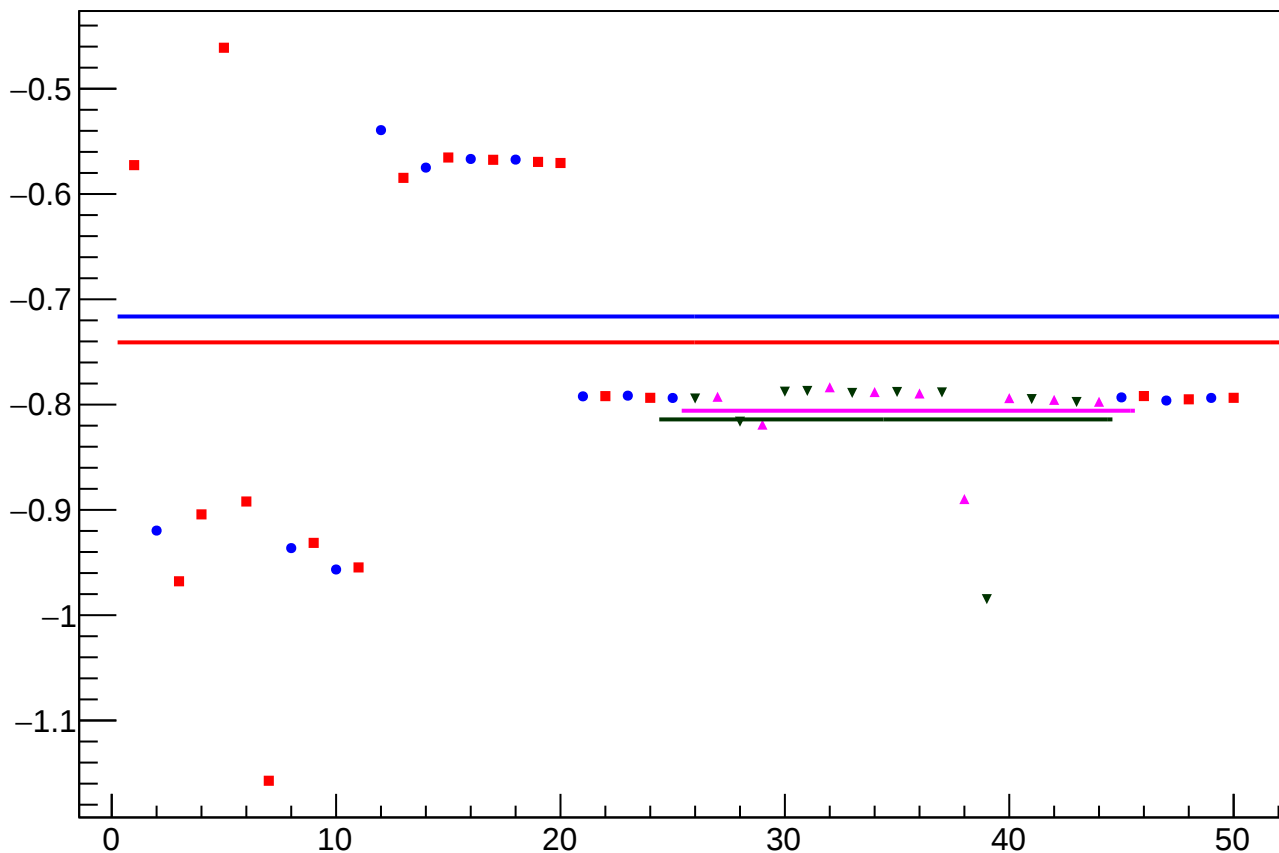
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.035 $\pm$ 0.000 χ^2 /NDF: 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.716 ± 0.000 $\chi^2/\text{NDF}: 2039360596.9/12$

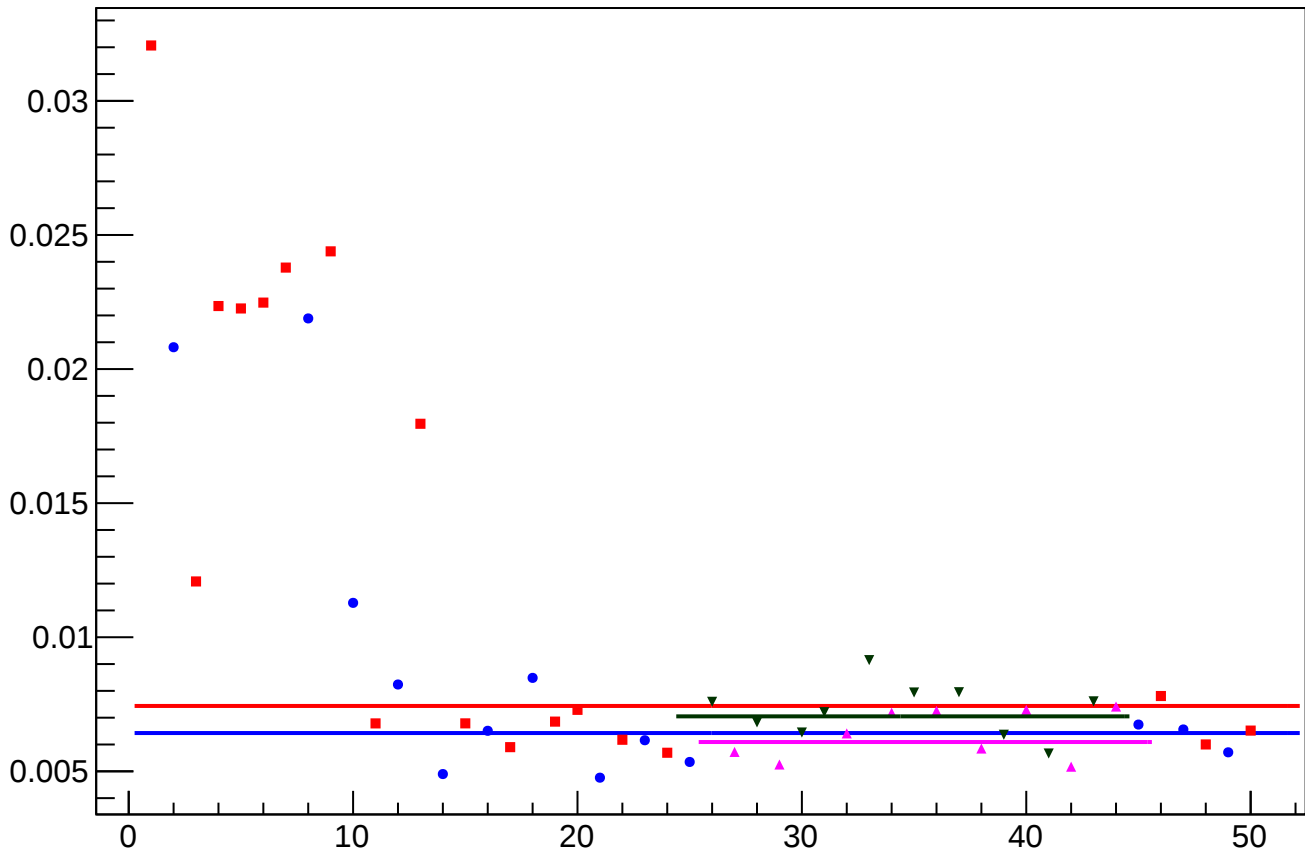
Left Out: -0.814 ± 0.000 $\chi^2/\text{NDF}: 256464104.9/9$

-0.763 ± 0.000 $\chi^2/\text{NDF}: 5076533877.7/49$

Right Out: -0.741 ± 0.000 $\chi^2/\text{NDF}: 1942966796.6/17$

Left In: -0.806 ± 0.000 $\chi^2/\text{NDF}: 95420570.3/8$

yield_bpm12X_rms vs slug



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

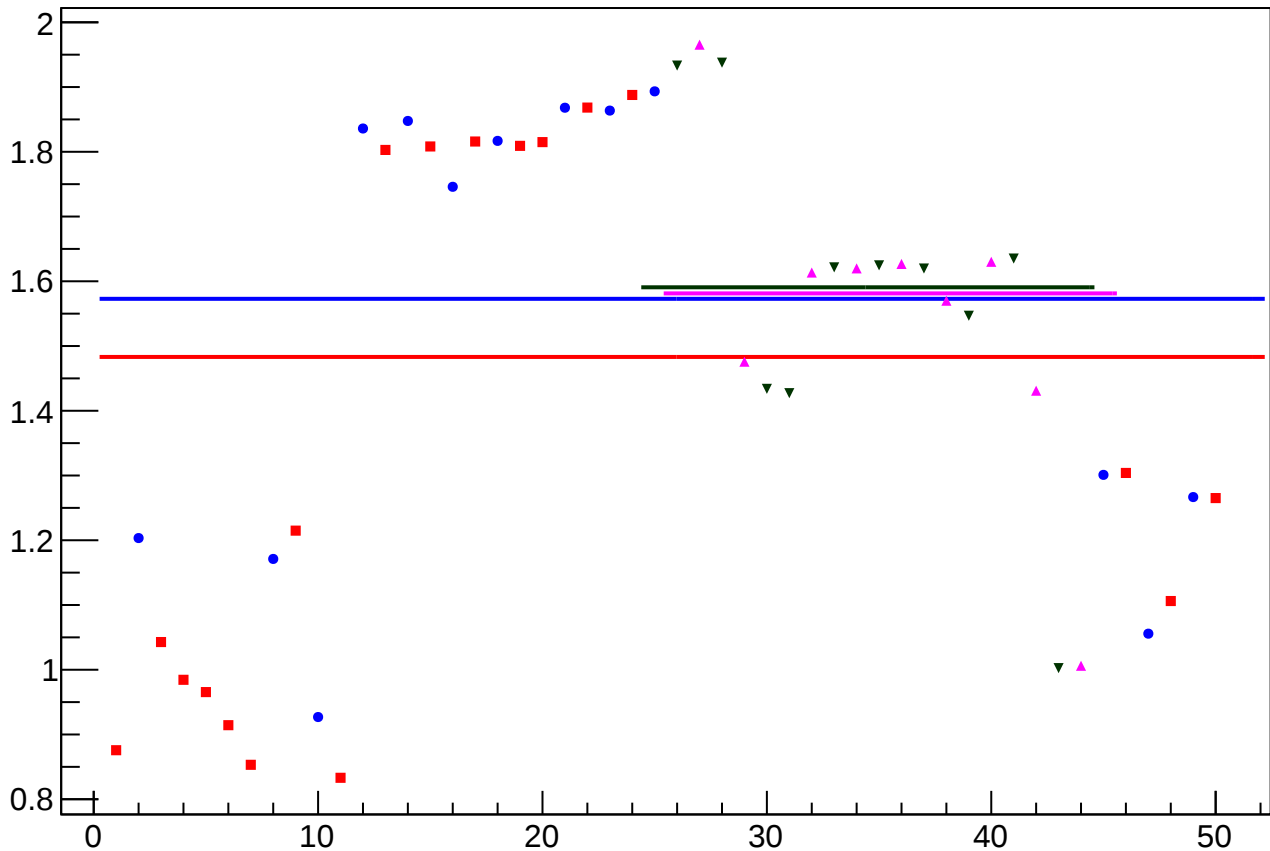
Left Out: 0.007+/-0.000 χ^2/NDF :135734.7/9

0.007+/-0.000 χ^2/NDF : 5751199.9/49

Right Out: 0.007+/-0.000 χ^2/NDF : 3068678.5/17

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

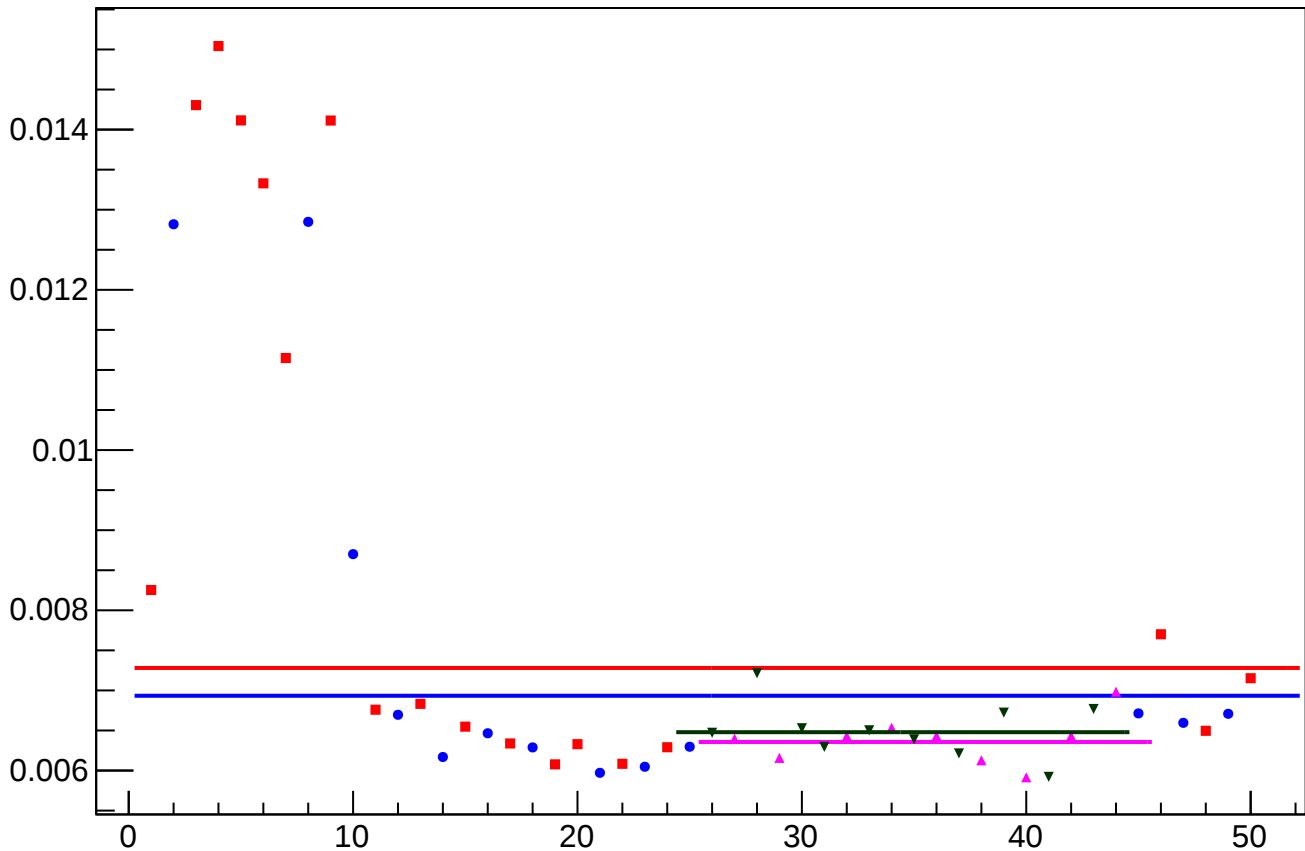
Left Out: 1.591+/-0.000 χ^2/NDF : 6915023790.1/9

1.556+/-0.000 χ^2/NDF : 55652375013.3/49

Right Out: 1.483+/-0.000 χ^2/NDF : 23064363224.6/17

Left In: 1.581+/-0.000 χ^2/NDF : 6756144675.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 848581.9/12

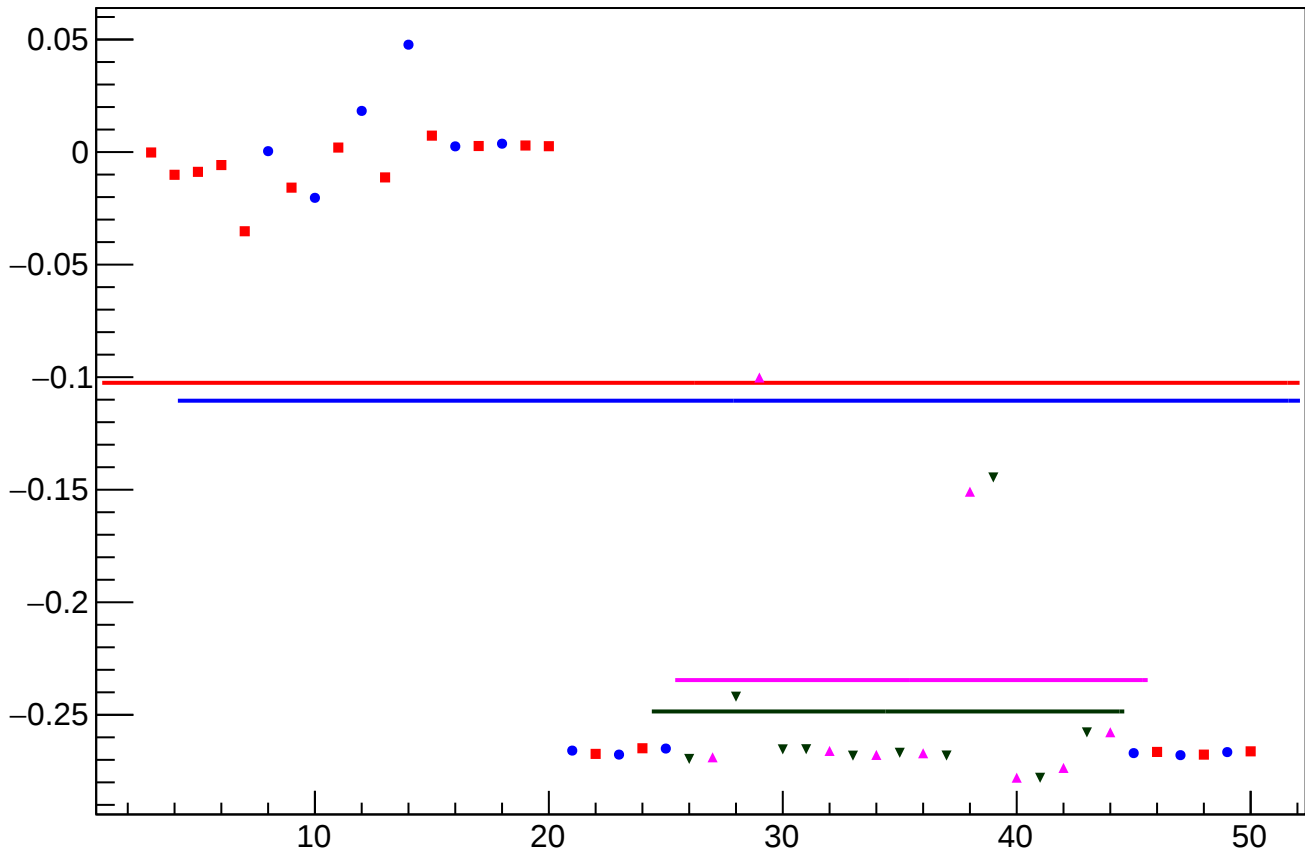
Left Out: 0.006+/-0.000 χ^2/NDF : 27614.9/9

Right Out: 0.007+/-0.000 χ^2/NDF : 1220428.5/17

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

0.007+/-0.000 χ^2/NDF : 2255259.6/49

yield_bpm16X_mean vs slug



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

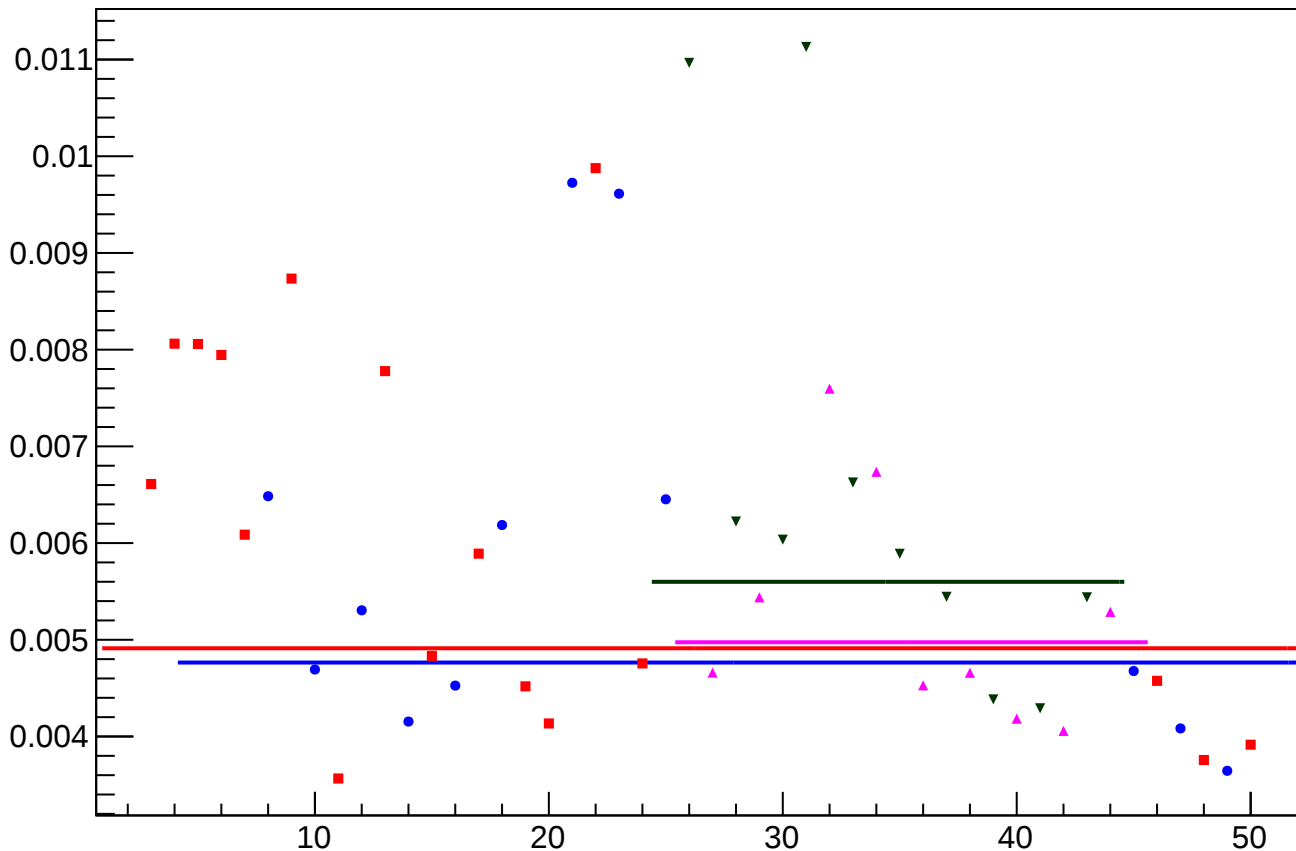
Left Out: -0.249+/-0.000 χ^2/NDF : 259520156.5/9

Right Out: -0.103+/-0.000 χ^2/NDF : 4535877980.8/16

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

-0.157+/-0.000 χ^2/NDF : 15005349733.7/47

yield_bpm16X_rms vs slug



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

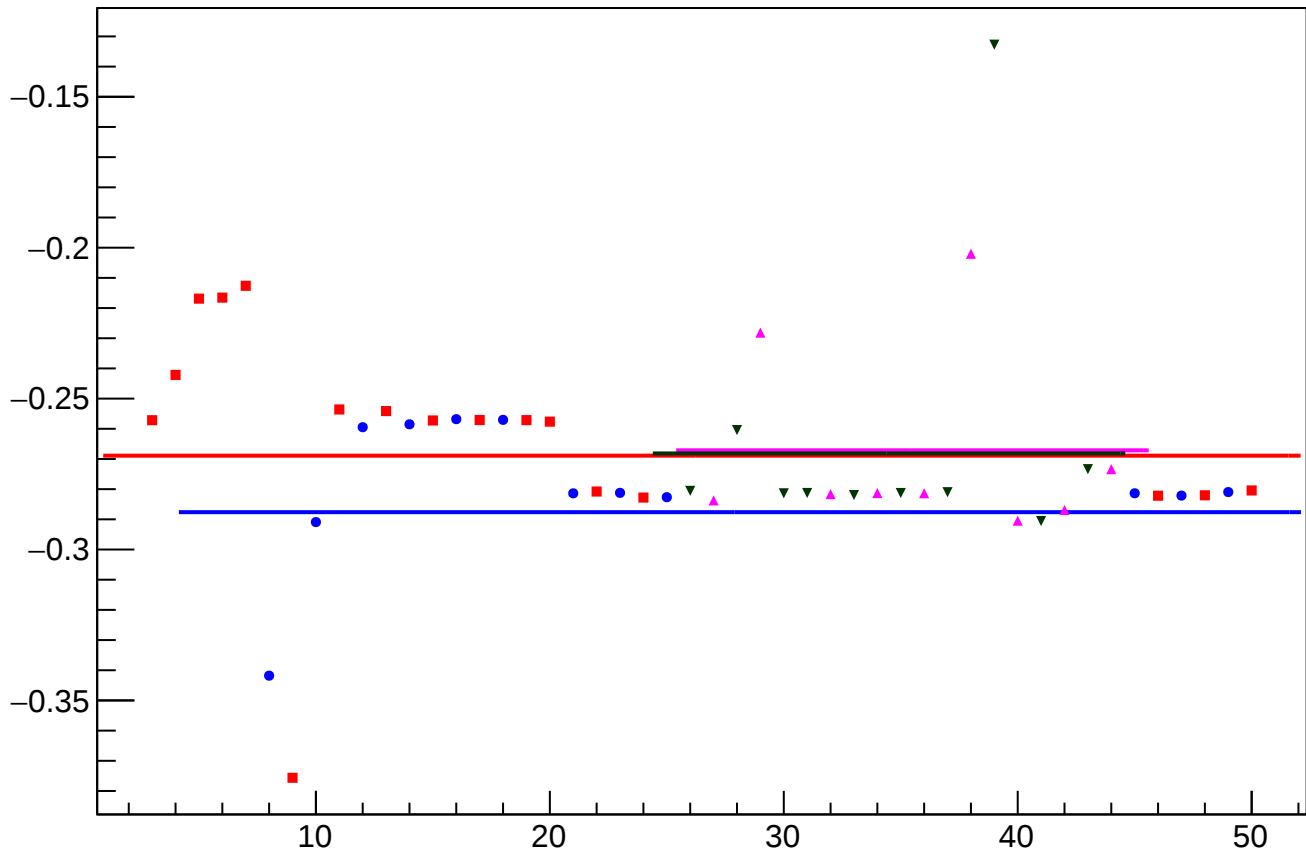
Left Out: 0.006+/-0.000 χ^2/NDF : 602668.6/9

Right Out: 0.005+/-0.000 χ^2/NDF : 1391153.6/16

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

0.005+/-0.000 χ^2/NDF : 3454864.9/47

yield_bpm16Y_mean vs slug



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

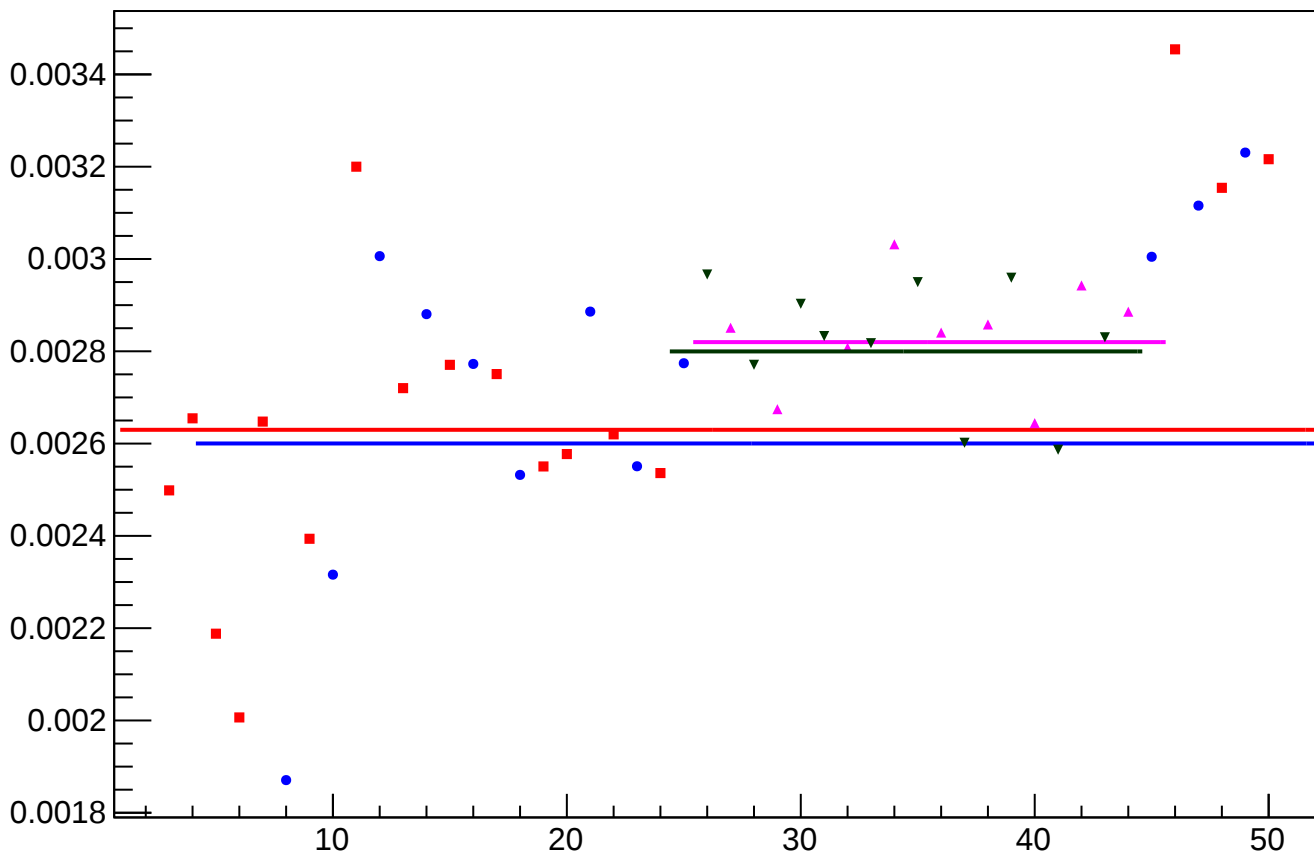
Left Out: -0.268+/-0.000 χ^2/NDF : 960541280.3/9

-0.274+/-0.000 χ^2/NDF : 4828939489.3/47

Right Out: -0.269+/-0.000 χ^2/NDF : 2074061809.6/16

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

yield_bpm16Y_rms vs slug



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

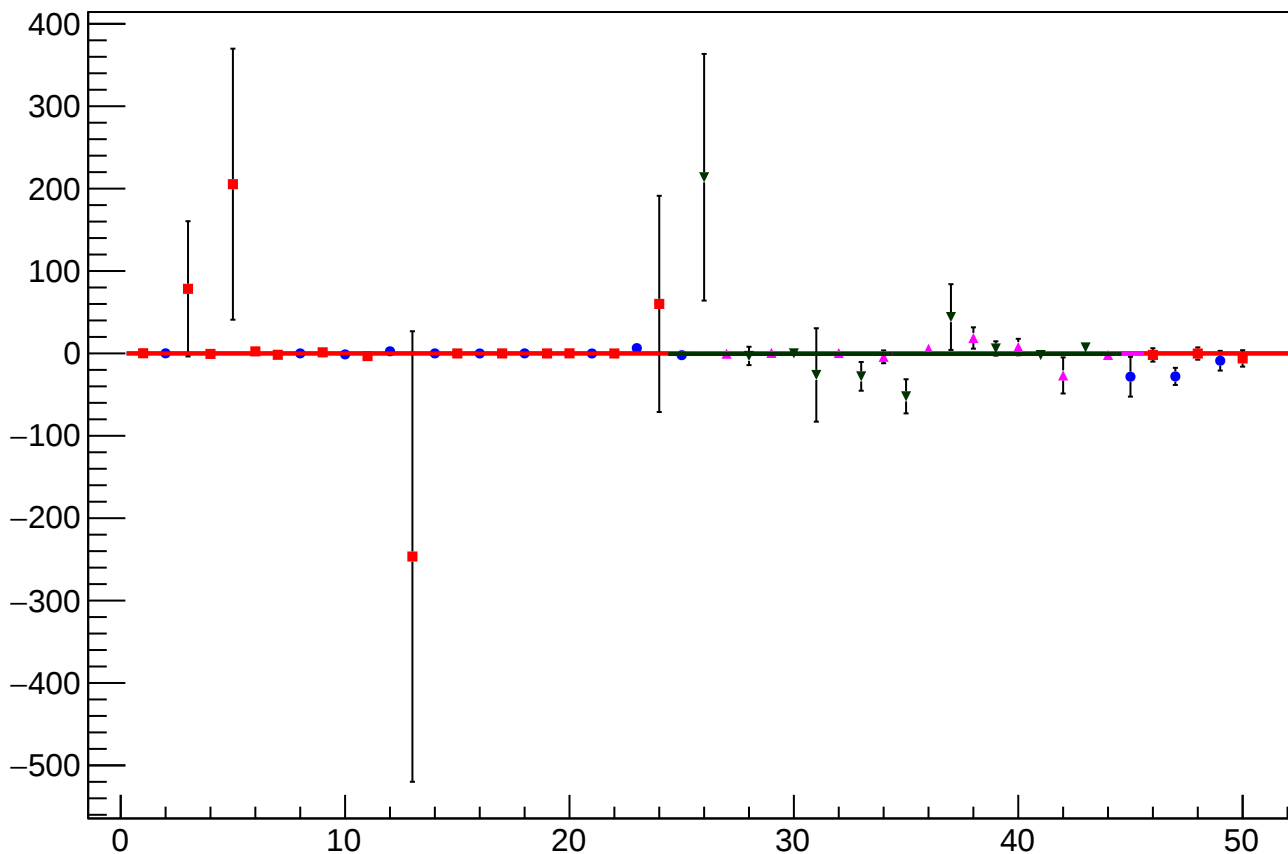
Left Out: 0.003+/-0.000 χ^2/NDF :23634.3/9

0.003+/-0.000 χ^2/NDF : 832684.7/47

Right Out: 0.003+/-0.000 χ^2/NDF : 294726.6/16

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

diff_cav4bX_mean vs slug



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

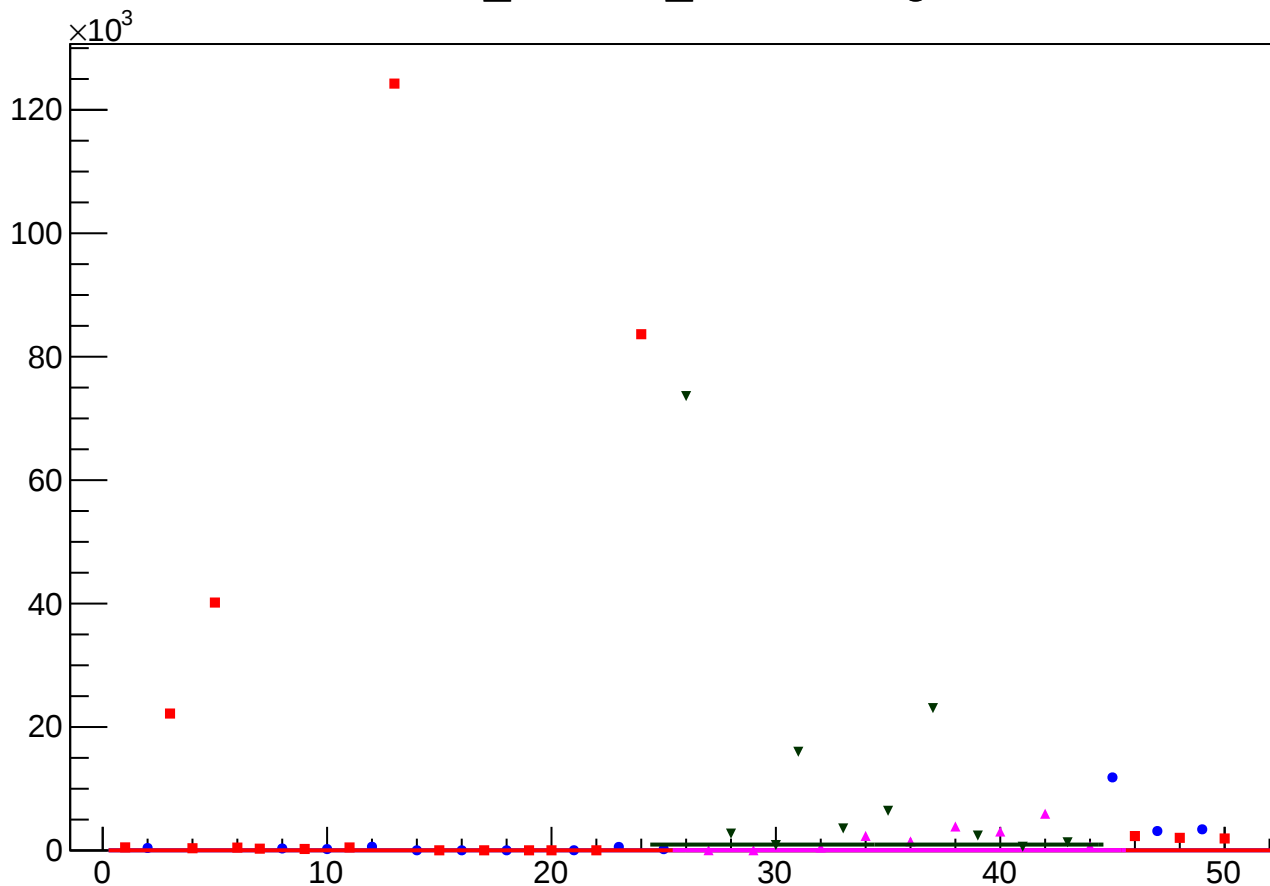
Left Out: -0.739 ± 1.551 χ^2/NDF : 15.8/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 22.4/17

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

-0.013 ± 0.011 χ^2/NDF : 81.6/49

diff_cav4bX_rms vs slug



Right In: 22.472 ± 0.011 χ^2/NDF : 1582725.9/12

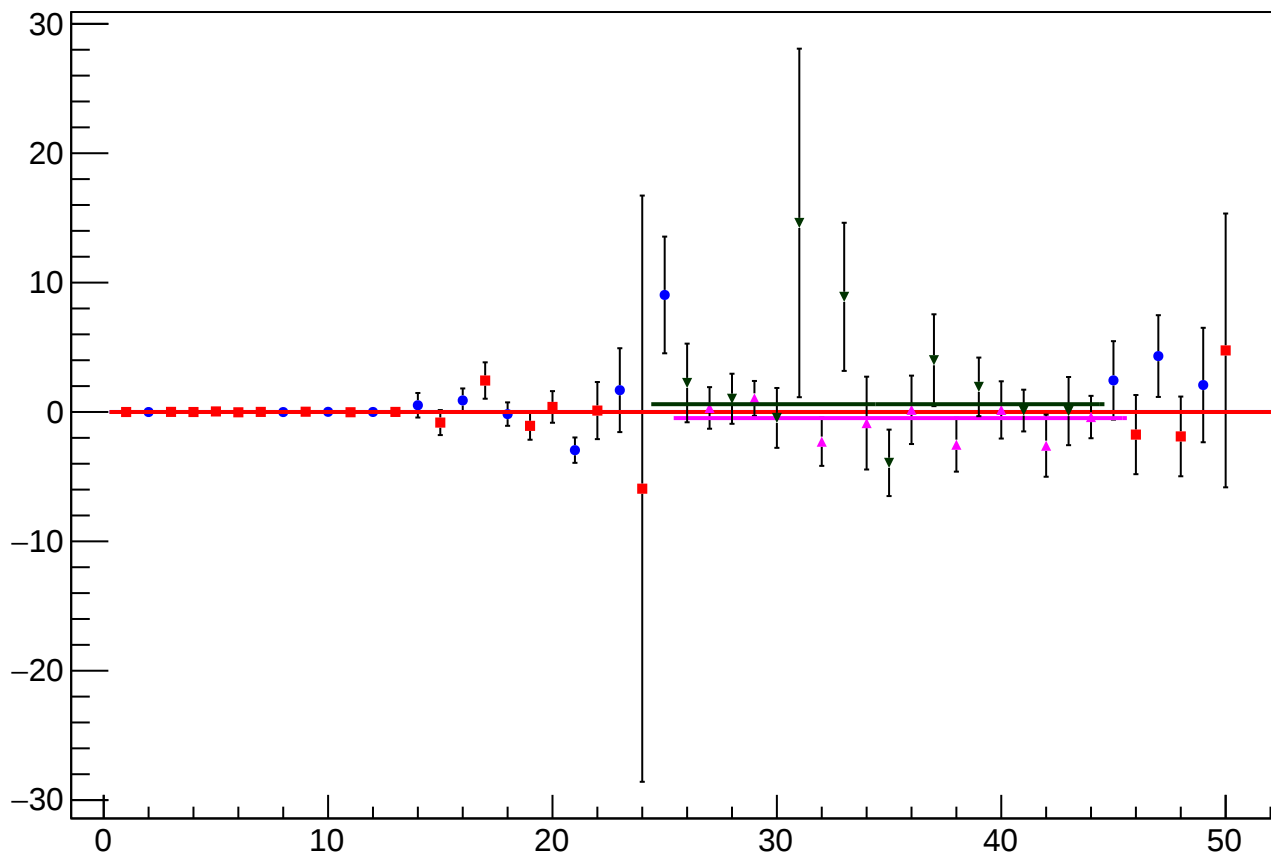
Left Out: 952.852 ± 1.097 χ^2/NDF : 1588574.2/9

22.883 ± 0.008 χ^2/NDF : 8045934.2/49

Right Out: 22.890 ± 0.012 χ^2/NDF : 2475806.8/17

Left In: 61.509 ± 0.119 χ^2/NDF : 1573017.7/8

diff_cav4bY_mean vs slug



Right In: 0.000 $\pm$ 0.006 χ^2 /NDF: 19.0/12

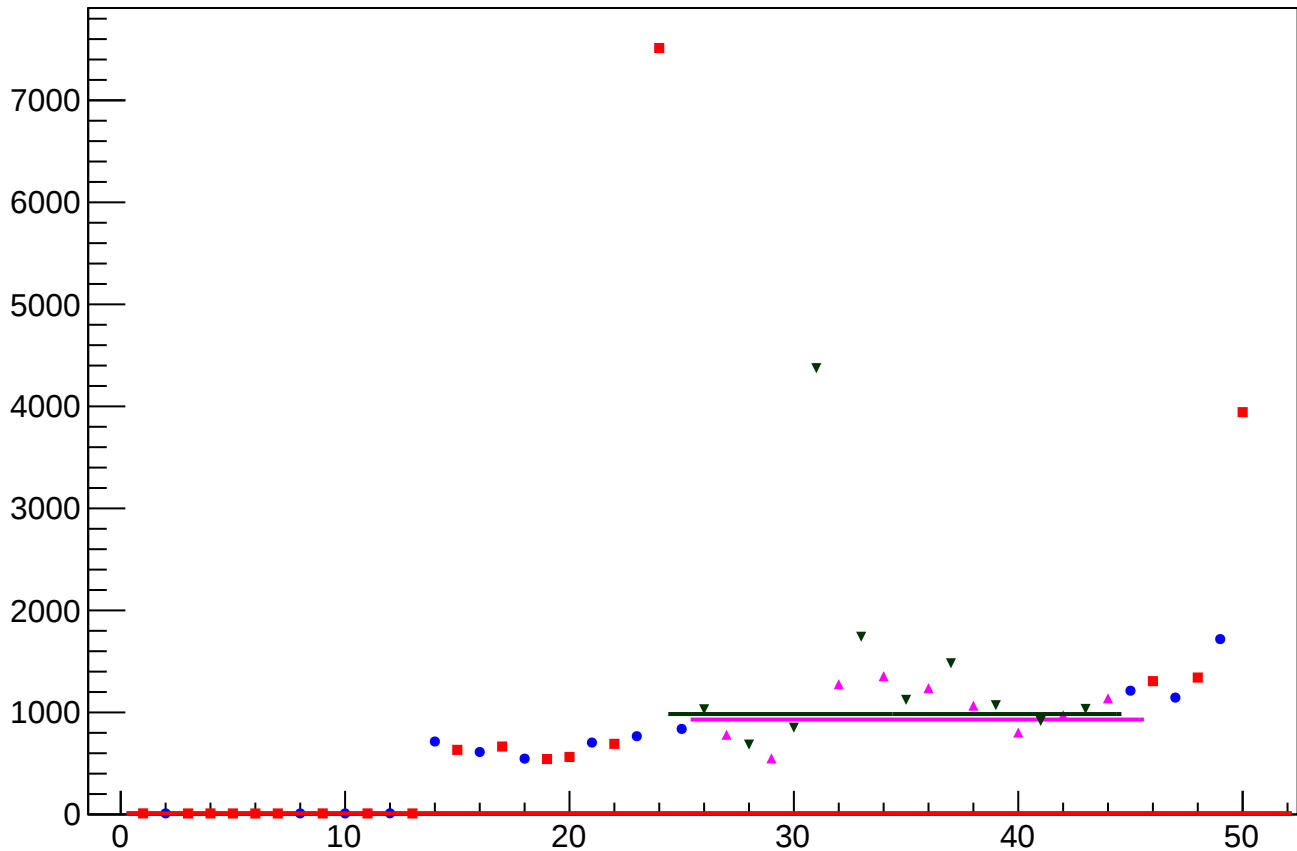
Left Out: 0.601 $\pm$ 0.803 χ^2 /NDF: 8.3/9

Right Out: -0.002 $\pm$ 0.005 χ^2 /NDF: 18.3/17

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

-0.001 $\pm$ 0.004 χ^2 /NDF: 51.1/49

diff_cav4bY_rms vs slug



Right In: 10.609+/-0.004 χ^2/NDF : 4711957.2/12

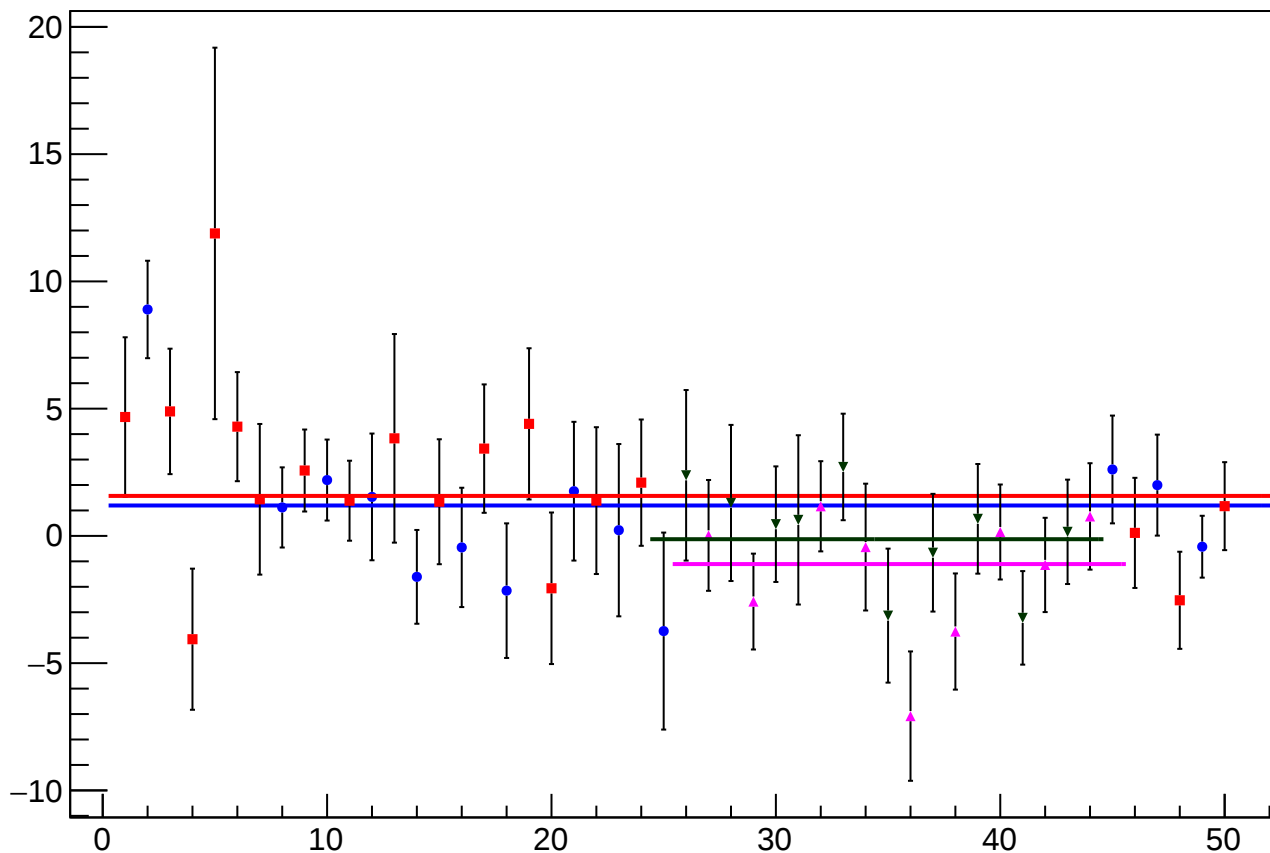
Left Out: 984.448+/-0.567 χ^2/NDF : 269152.2/9

10.285+/-0.003 χ^2/NDF : 15995264.3/49

Right Out: 9.971+/-0.003 χ^2/NDF : 3599084.2/17

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

diff_cav4cX_mean vs slug



Right In: 1.195 $\pm$ 0.551 χ^2 /NDF: 25.1/12

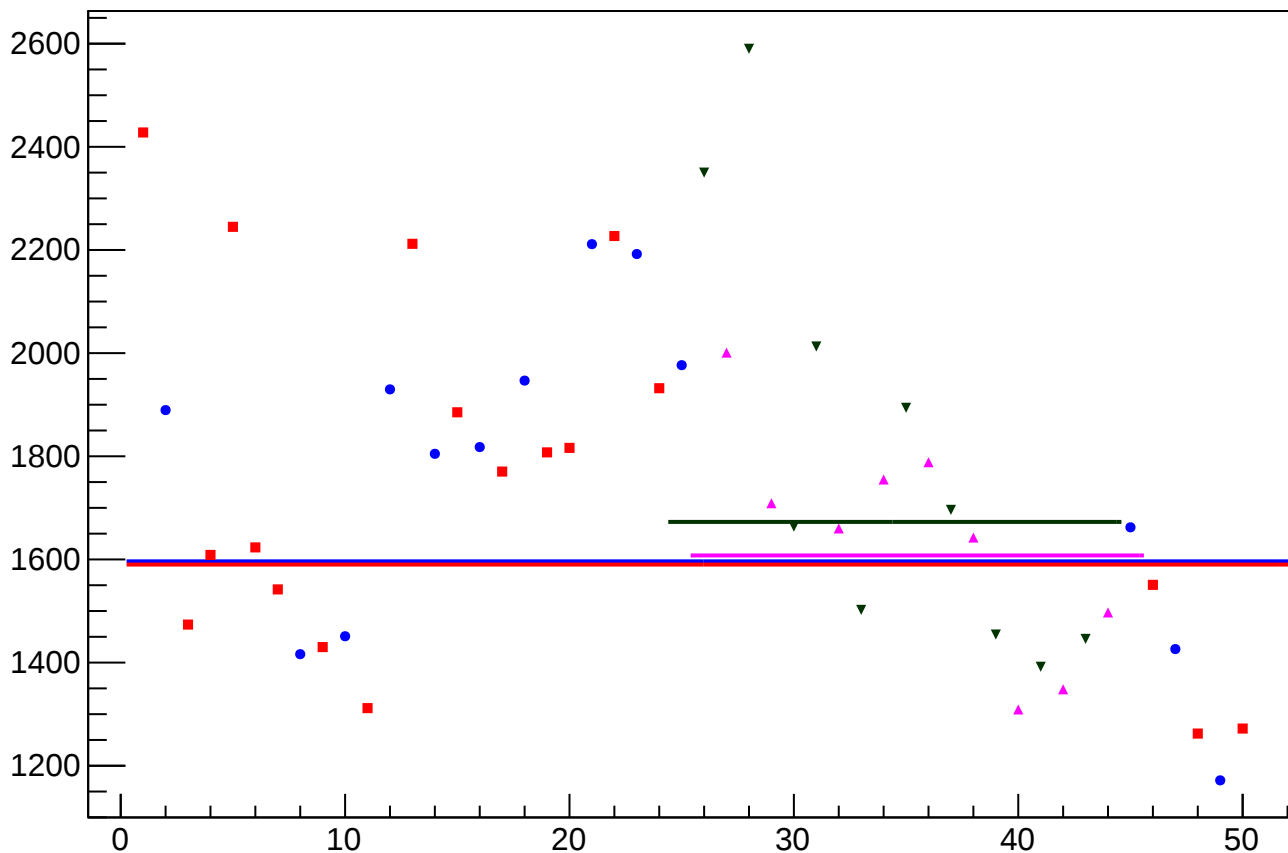
Left Out: -0.130 $\pm$ 0.748 χ^2 /NDF: 7.1/9

Right Out: 1.571 $\pm$ 0.555 χ^2 /NDF: 19.4/17

Left In: -1.107 $\pm$ 0.686 χ^2 /NDF: 10.7/8

0.618 $\pm$ 0.309 χ^2 /NDF: 73.7/49

diff_cav4cX_rms vs slug



Right In: 1596.280+/-0.390 χ^2/NDF : 648051.8/12

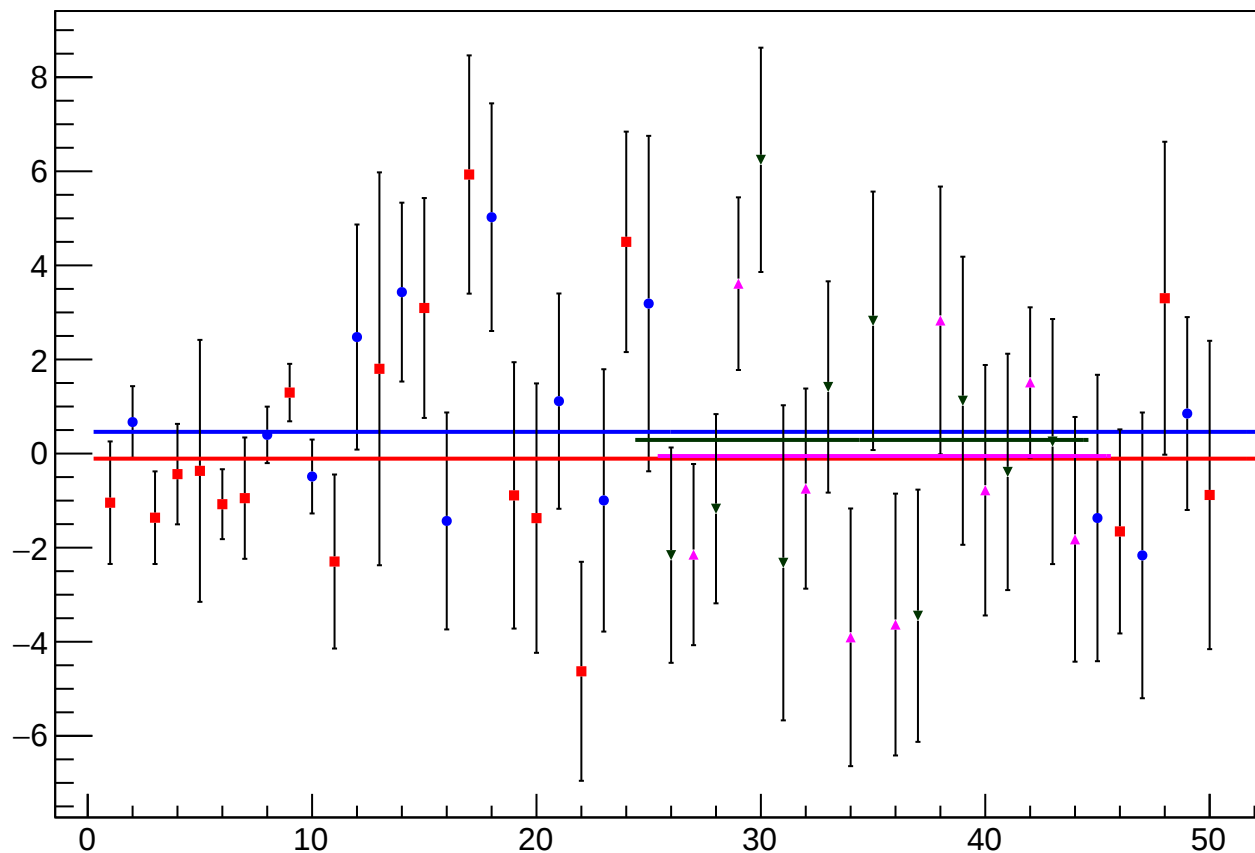
Left Out: 1672.764+/-0.529 χ^2/NDF : 400876.3/9

Right Out: 1590.087+/-0.392 χ^2/NDF : 617485.6/17

Left In: 1607.719+/-0.485 χ^2/NDF : 186347.4/8

1609.757+/-0.219 χ^2/NDF : 1870693.1/49

diff_cav4cY_mean vs slug



Right In: 0.462 ± 0.358 χ^2/NDF : 11.0/12

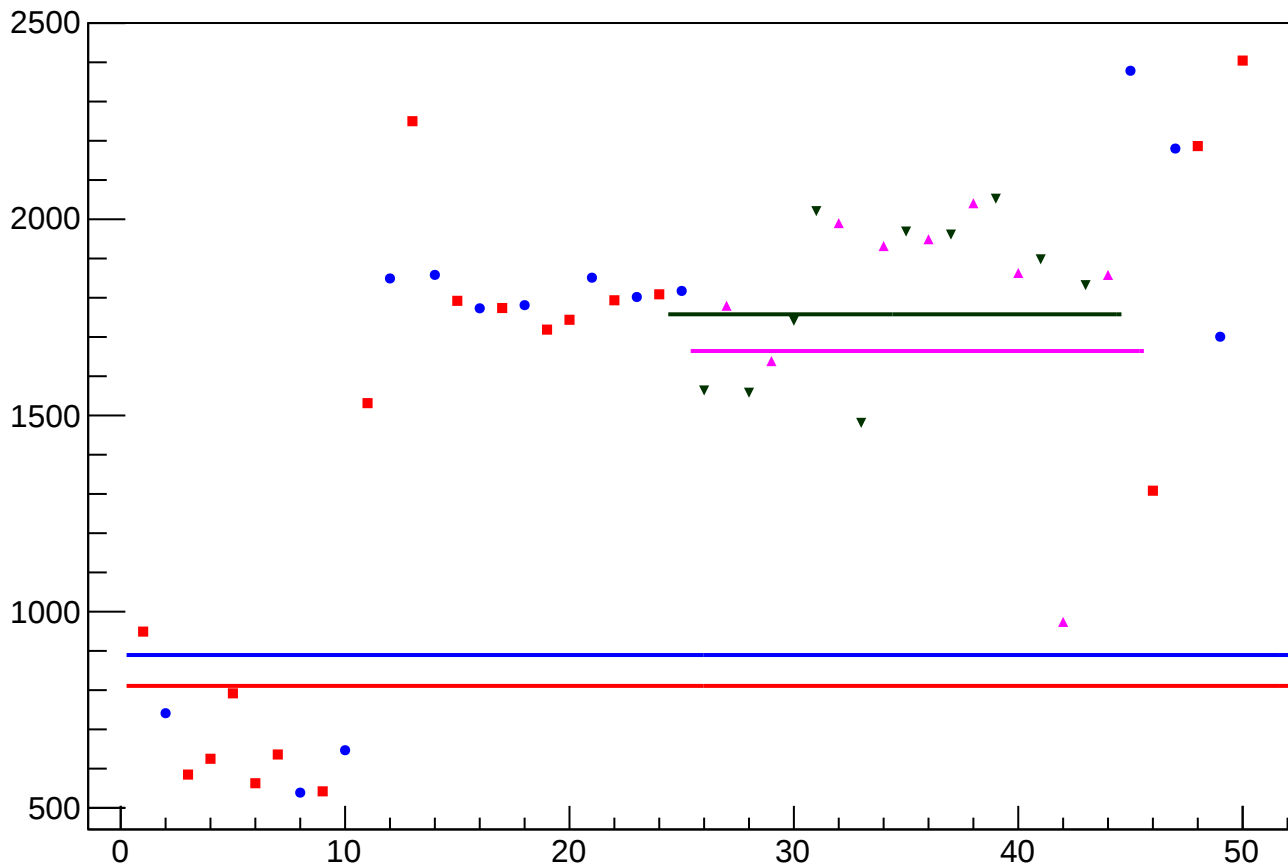
Left Out: 0.290 ± 0.794 χ^2/NDF : 11.7/9

Right Out: -0.108 ± 0.326 χ^2/NDF : 28.4/17

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

0.142 ± 0.220 χ^2/NDF : 64.0/49

diff_cav4cY_rms vs slug



Right In: 889.496+/-0.253 χ^2/NDF : 4211985.7/12

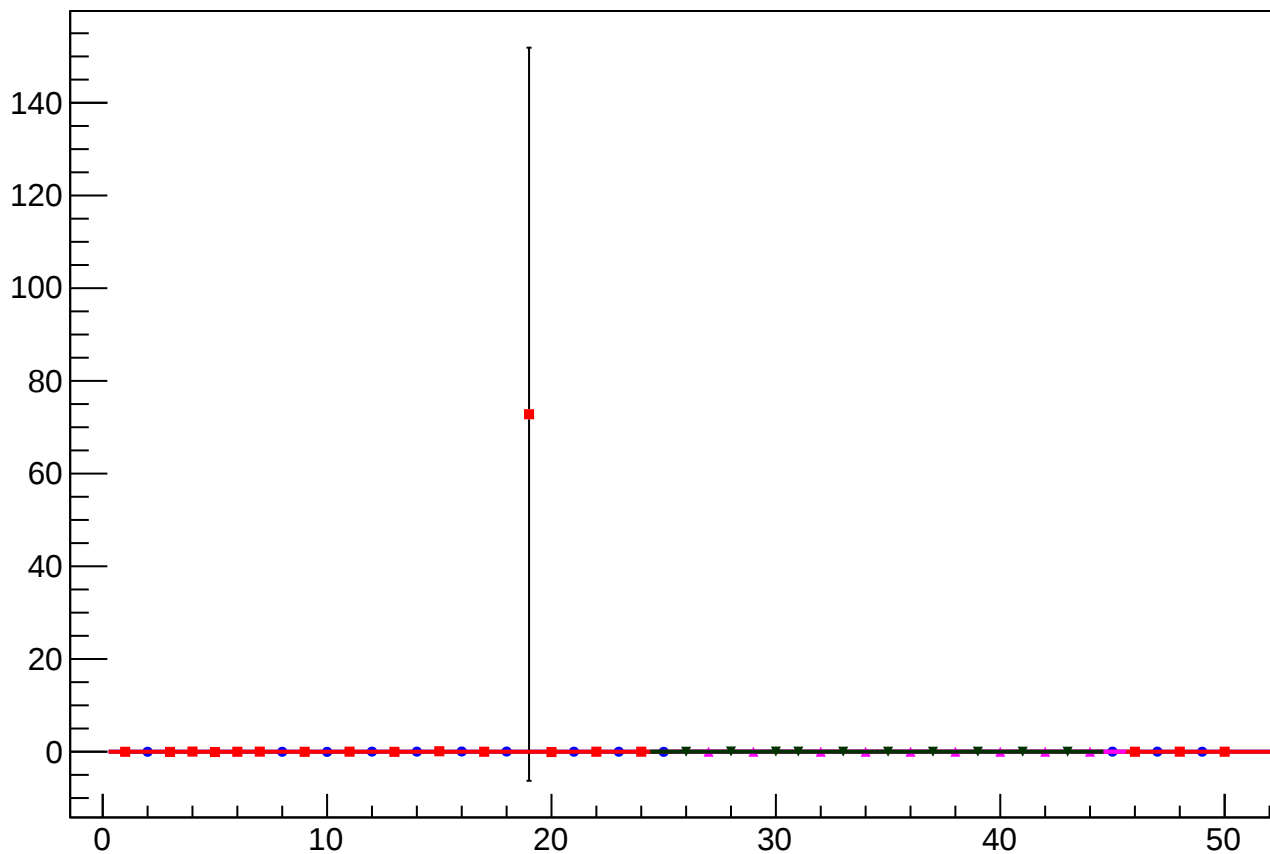
Left Out: 1757.817+/-0.562 χ^2/NDF :126542.7/9

Right Out: 810.816+/-0.230 χ^2/NDF : 4076546.2/17

Left In: 1664.274+/-0.519 χ^2/NDF :526261.8/8

989.933+/-0.156 χ^2/NDF : 13260253.2/49

diff_cav4dX_mean vs slug



Right In: 0.001 $\pm$ 0.005 χ^2 /NDF: 10.1/12

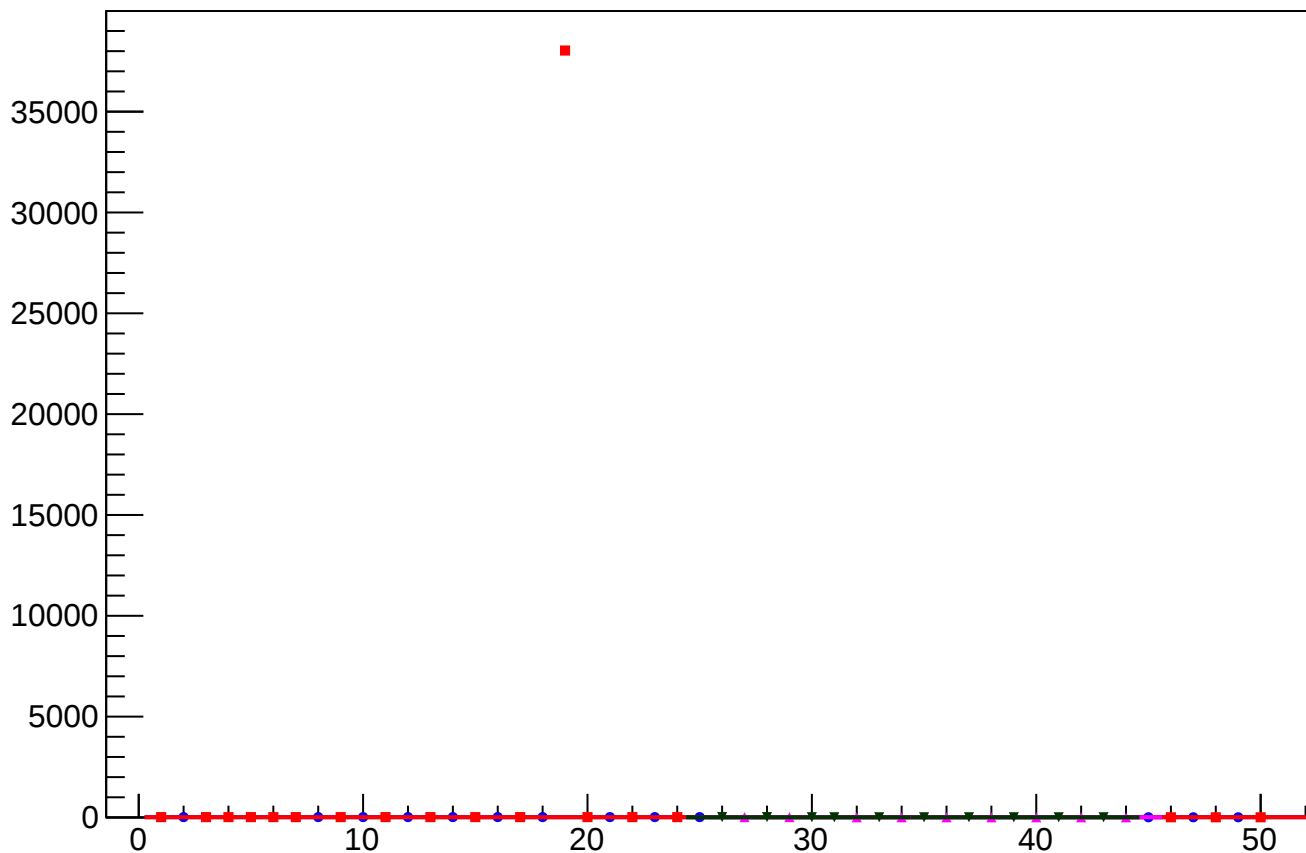
Left Out: 0.000 $\pm$ 0.004 χ^2 /NDF: 8.9/9

Right Out: -0.006 $\pm$ 0.005 χ^2 /NDF: 12.0/17

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

0.000 $\pm$ 0.002 χ^2 /NDF: 34.0/49

diff_cav4dX_rms vs slug



Right In: 12.295+/-0.003 χ^2 /NDF: 1605799.7/12

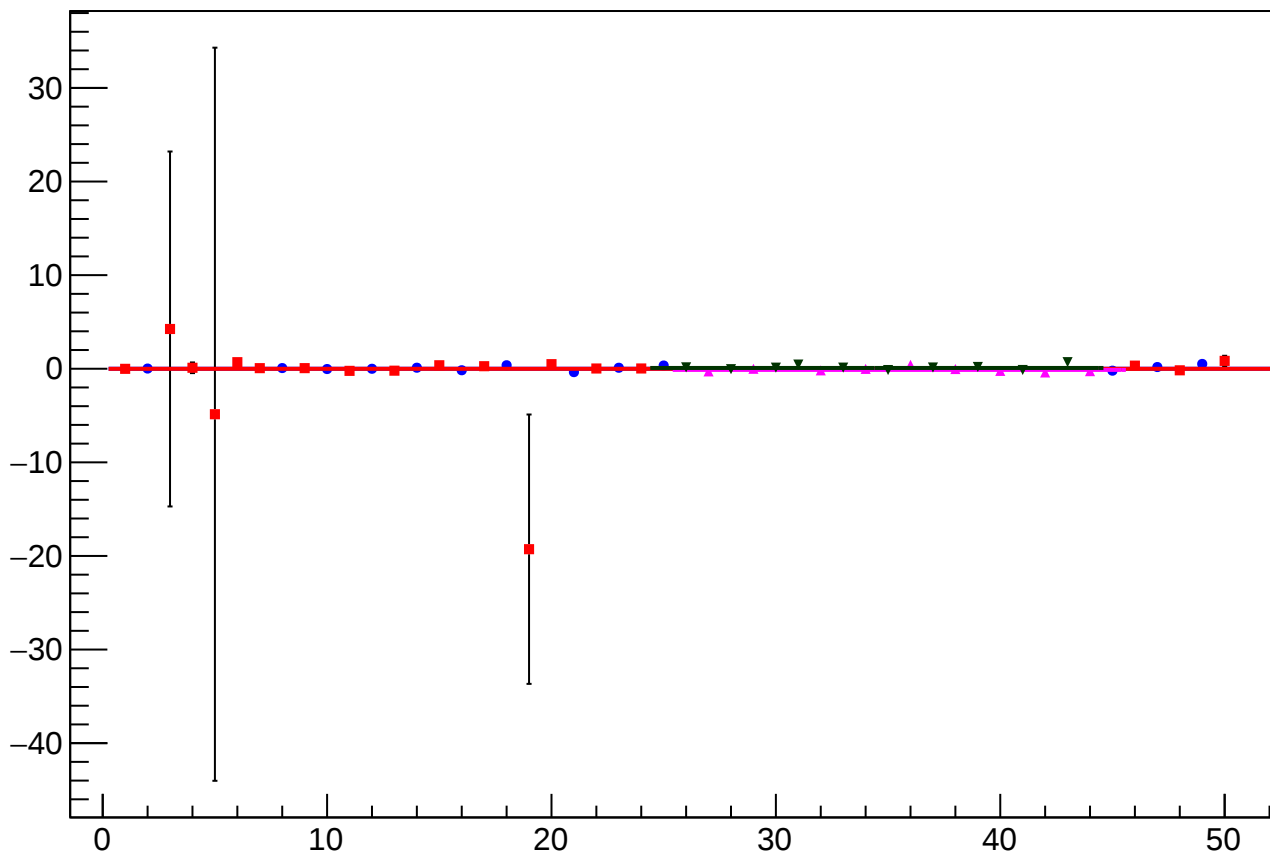
Left Out: 9.367+/-0.003 χ^2 /NDF: 590012.0/9

Right Out: 13.066+/-0.004 χ^2 /NDF: 1876906.6/17

Left In: 9.361+/-0.003 χ^2 /NDF: 755354.4/8

10.732+/-0.002 χ^2 /NDF: 5866989.5/49

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 19.2/12

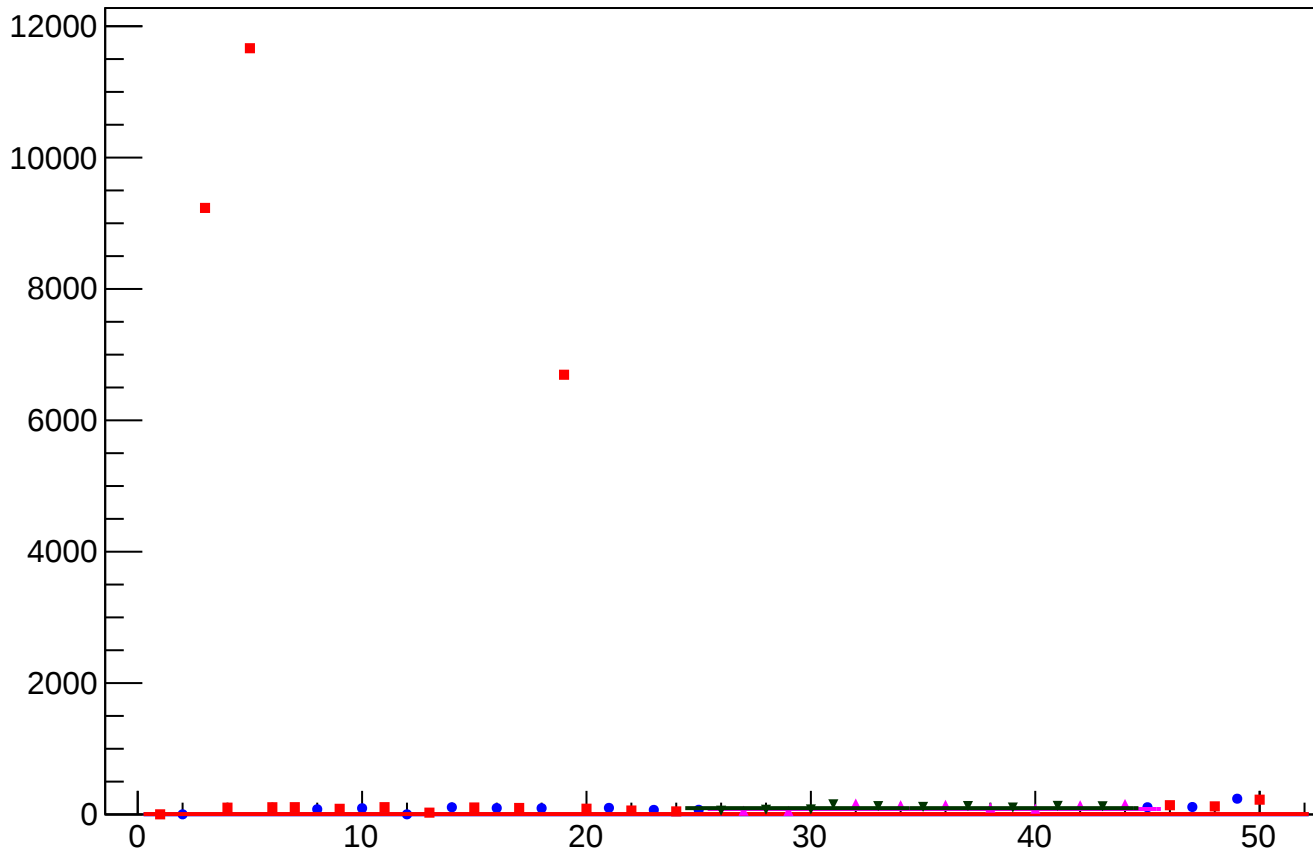
Left Out: 0.083 ± 0.059 χ^2/NDF : 11.4/9

Right Out: -0.008 ± 0.012 χ^2/NDF : 15.7/17

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

-0.002 ± 0.003 χ^2/NDF : 63.8/49

diff_cav4dY_rms vs slug



Right In: 2.169+/-0.002 χ^2/NDF : 7466505.2/12

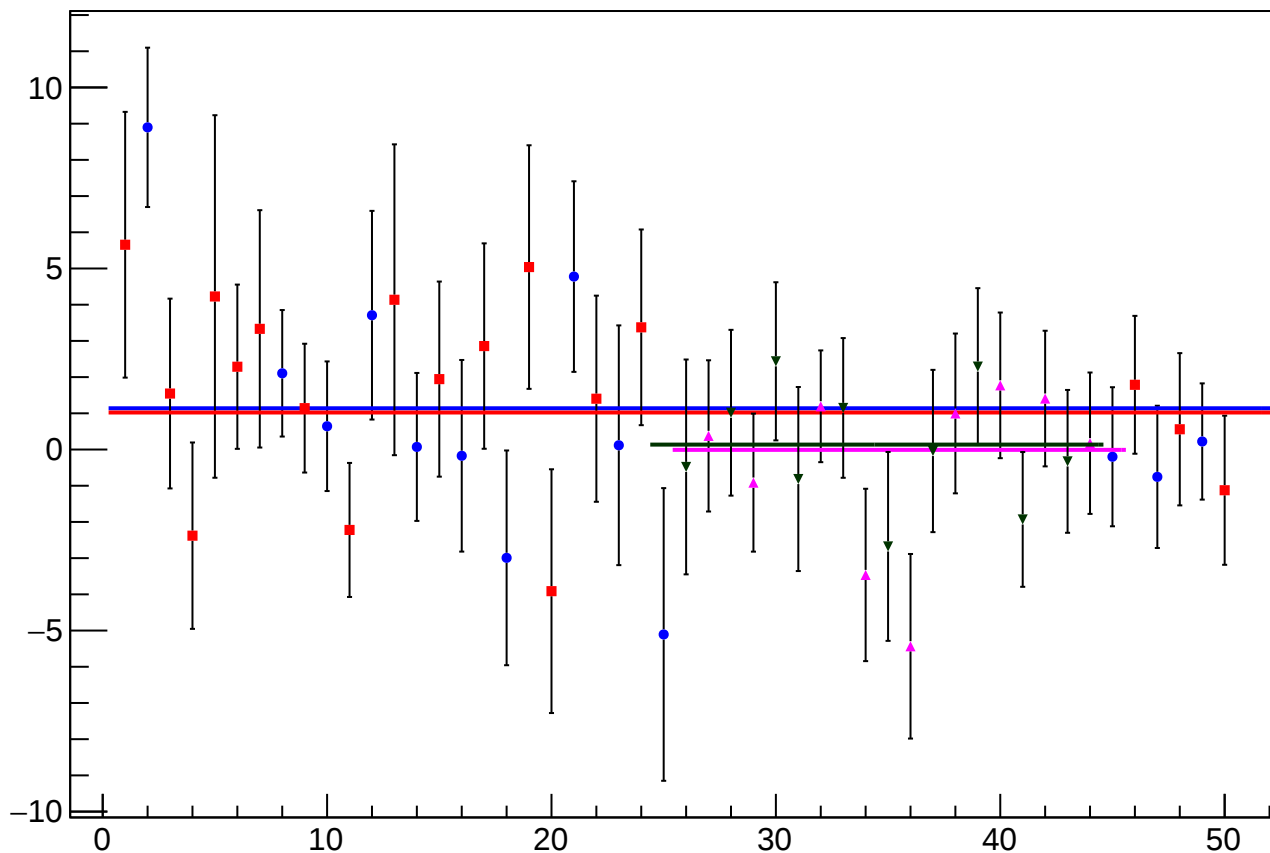
Left Out: 96.008+/-0.042 χ^2/NDF : 447968.4/9

2.869+/-0.002 χ^2/NDF : 24583435.4/49

Right Out: 6.104+/-0.009 χ^2/NDF : 5877302.0/17

Left In: 82.932+/-0.038 χ^2/NDF : 1078957.9/8

diff_bpm4aX_mean vs slug



Right In: 1.139 $\pm$ 0.611 χ^2 /NDF: 22.2/12

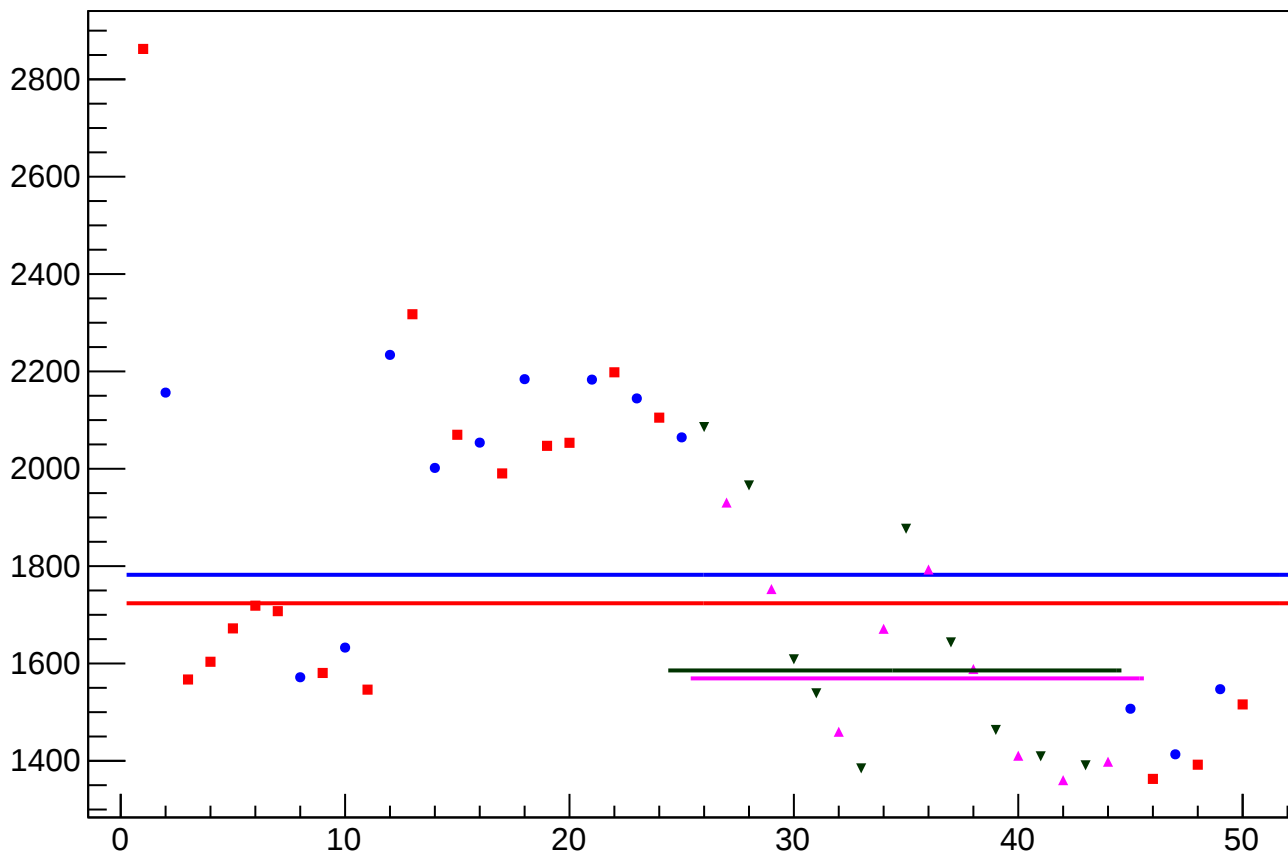
Left Out: 0.136 $\pm$ 0.700 χ^2 /NDF: 5.2/9

Right Out: 1.023 $\pm$ 0.598 χ^2 /NDF: 14.4/17

Left In: -0.010 $\pm$ 0.666 χ^2 /NDF: 9.1/8

0.631 $\pm$ 0.320 χ^2 /NDF: 53.4/49

diff_bpm4aX_rms vs slug



Right In: 1782.192+/-0.432 χ^2/NDF : 465389.4/12

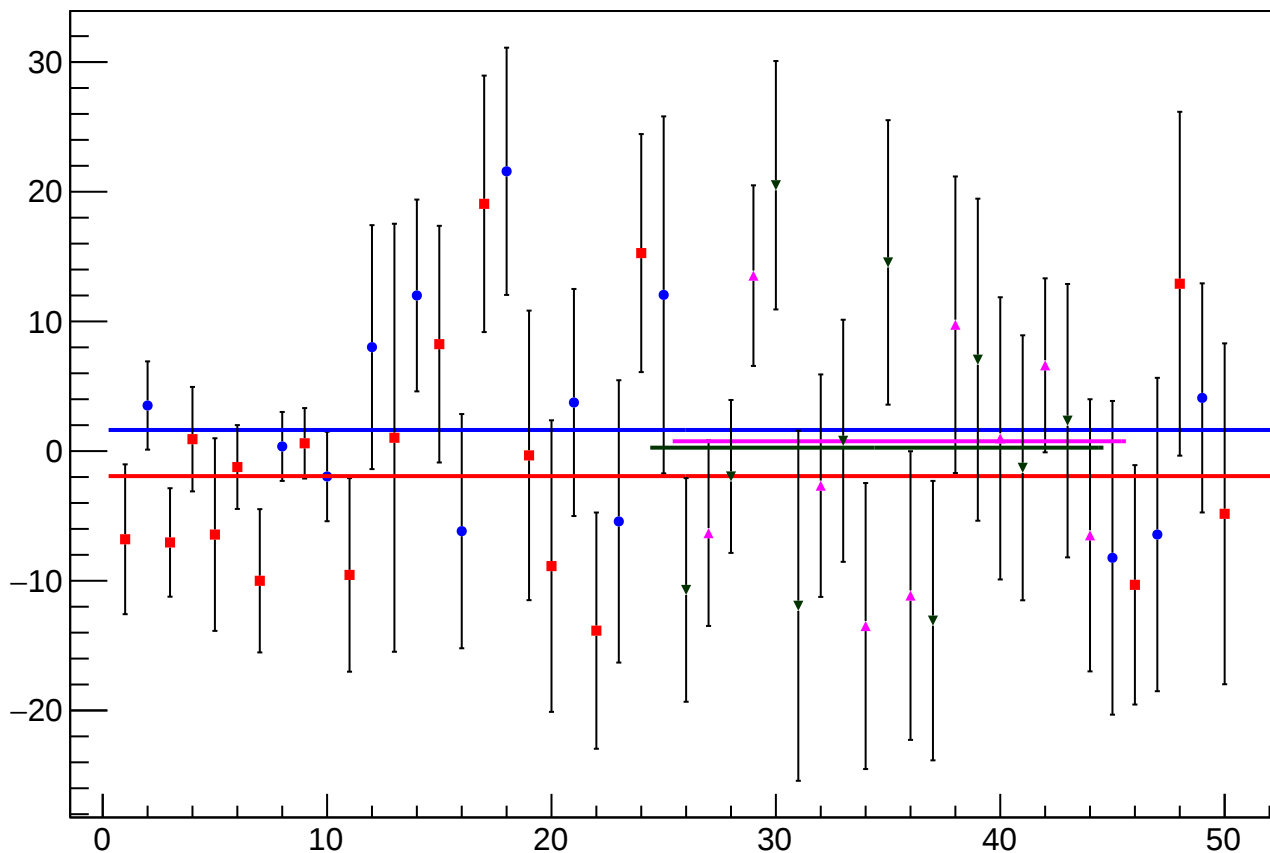
Left Out: 1585.705+/-0.495 χ^2/NDF : 204665.3/9

Right Out: 1723.709+/-0.423 χ^2/NDF : 599594.2/17

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

1675.282+/-0.226 χ^2/NDF : 1587770.9/49

diff_bpm4aY_mean vs slug



Right In: 1.629 ± 1.547 χ^2/NDF : 11.4/12

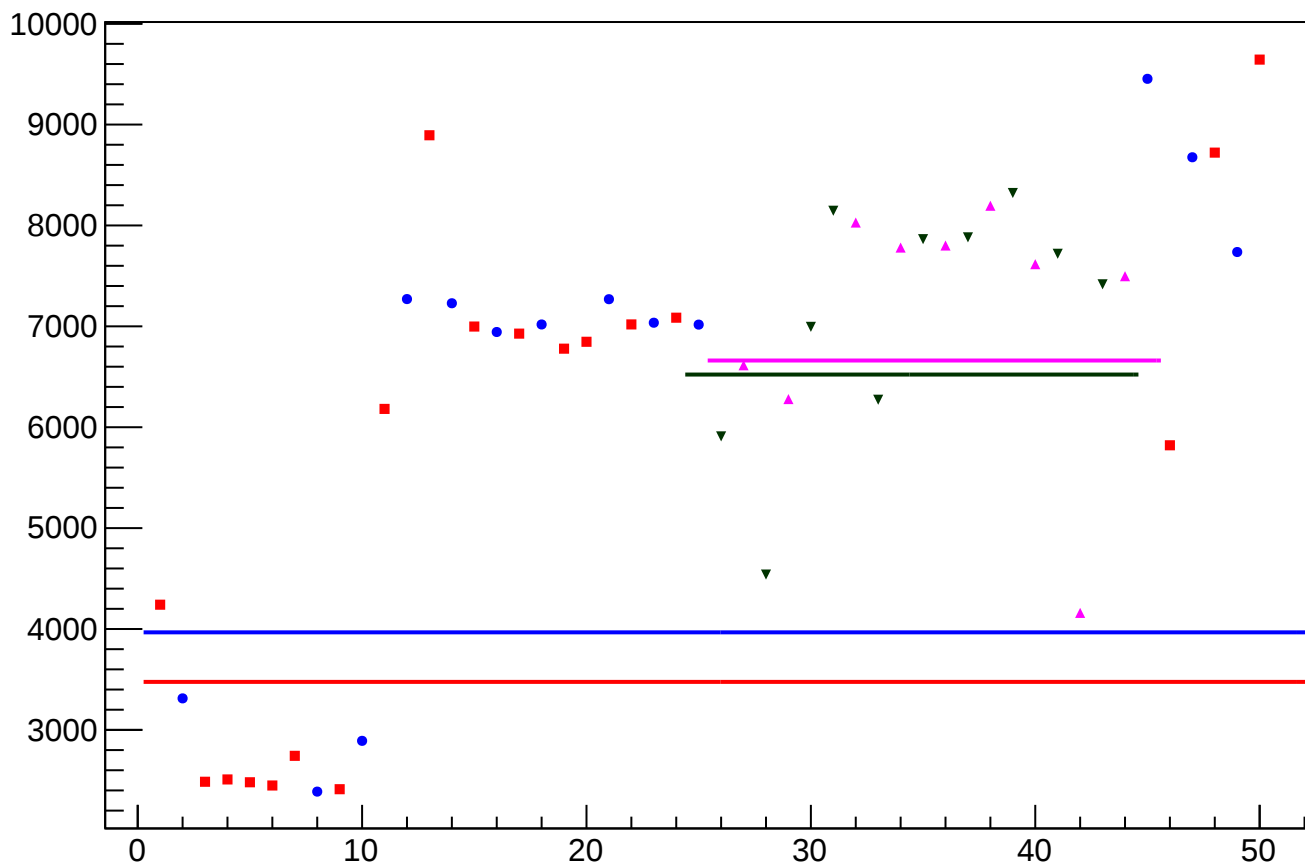
Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

Right Out: -1.929 ± 1.363 χ^2/NDF : 20.7/17

Left In: 0.758 ± 2.918 χ^2/NDF : 9.2/8

-0.201 ± 0.919 χ^2/NDF : 55.1/49

diff_bpm4aY_rms vs slug



Right In: 3966.890+/-1.094 χ^2/NDF : 3652610.7/12

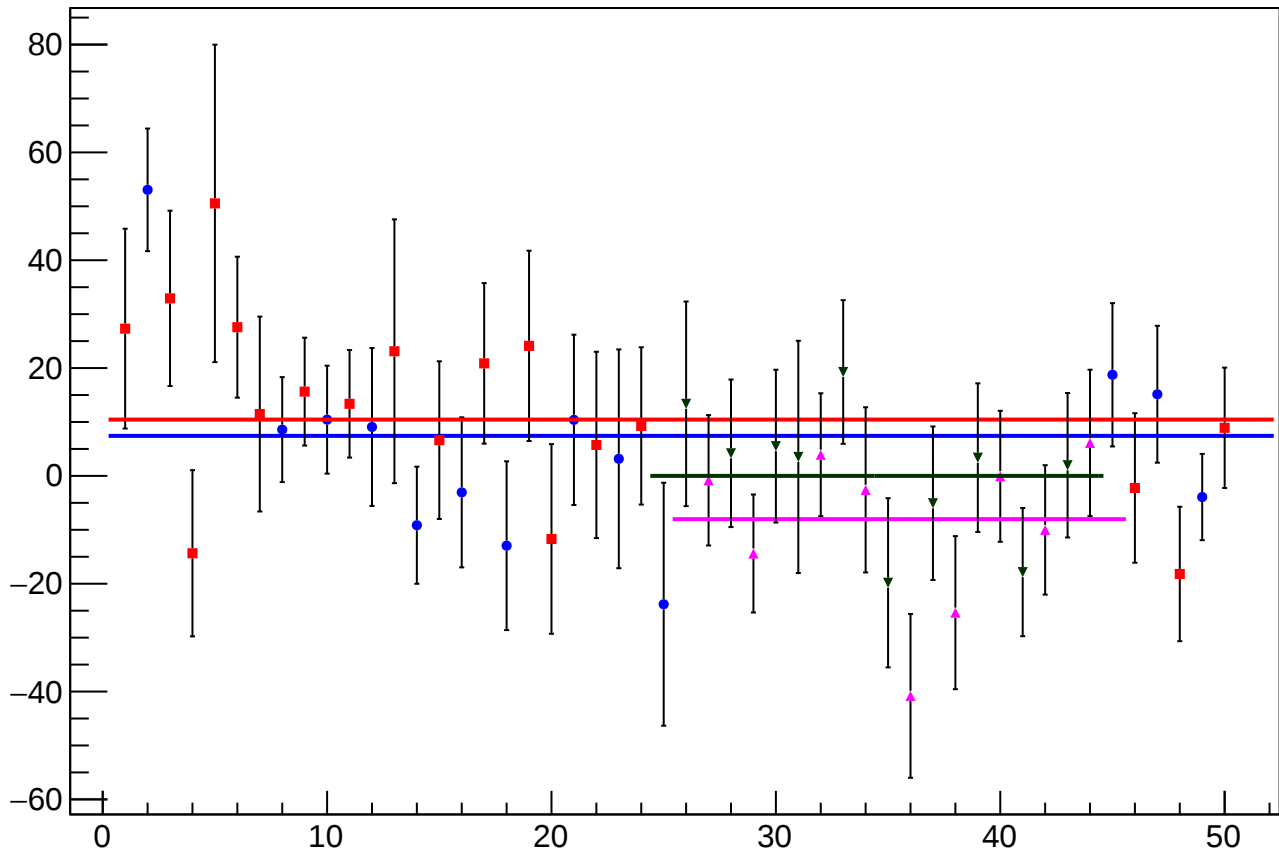
Left Out: 6522.149+/-2.112 χ^2/NDF : 417038.9/9

Right Out: 3475.837+/-0.964 χ^2/NDF : 3711851.0/17

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

4252.569+/-0.649 χ^2/NDF : 11456509.4/49

diff_bpm4eX_mean vs slug



Right In: 7.424 ± 3.399 χ^2/NDF : 25.9/12

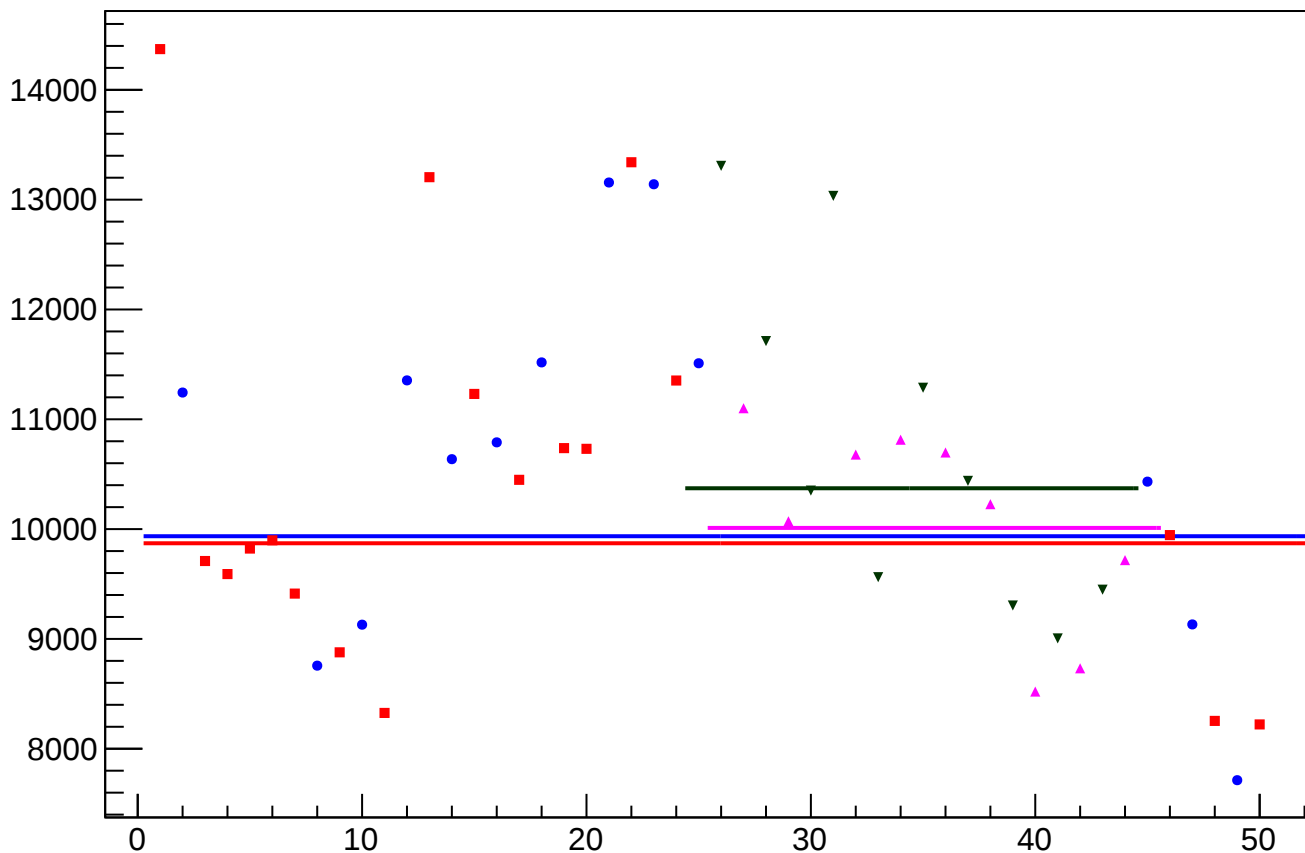
Left Out: 0.003 ± 4.574 χ^2/NDF : 6.9/9

3.968 ± 1.904 χ^2/NDF : 74.3/49

Right Out: 10.445 ± 3.410 χ^2/NDF : 18.5/17

Left In: -8.023 ± 4.241 χ^2/NDF : 9.6/8

diff_bpm4eX_rms vs slug



Right In: 9935.154 $\pm$ 2.404 χ^2/NDF : 431793.3/12

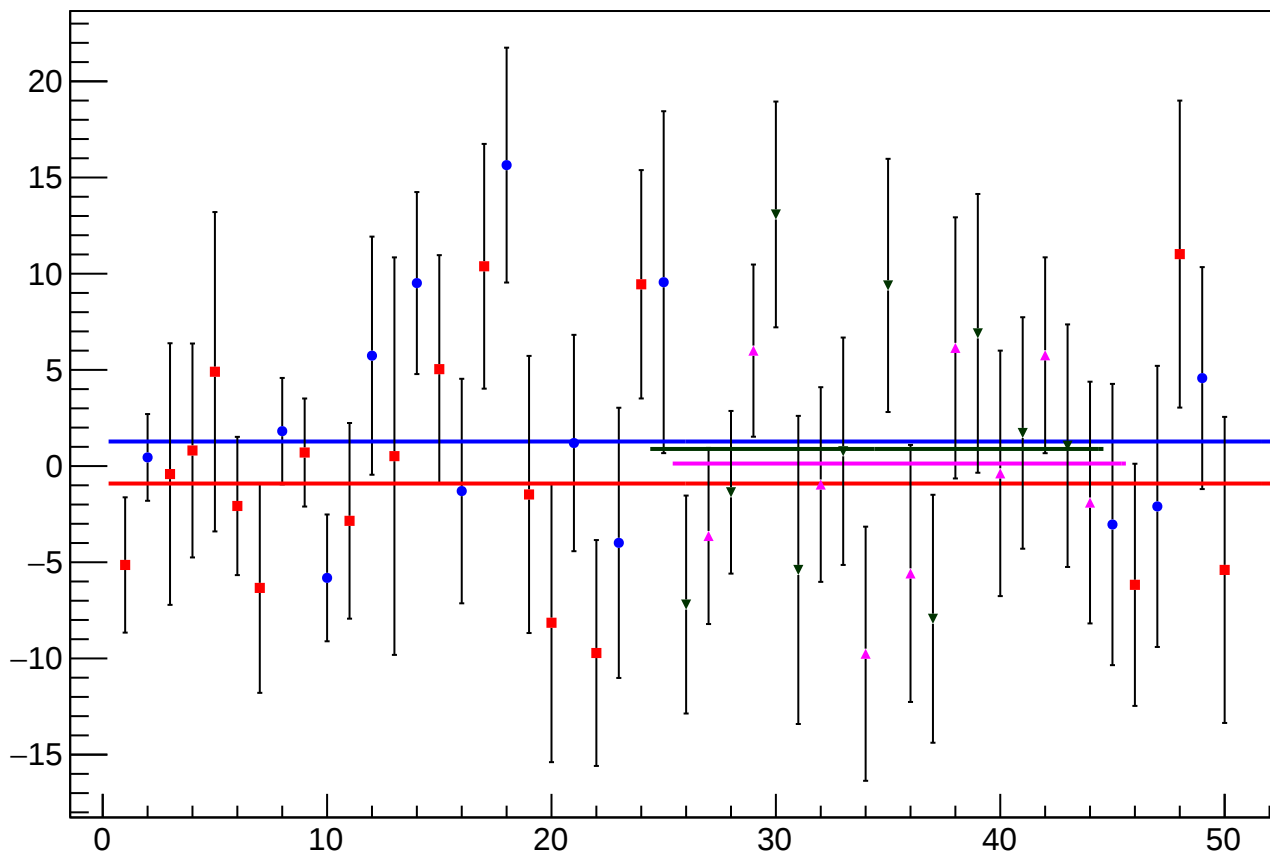
Left Out: 10371.917 $\pm$ 3.234 χ^2/NDF :159833.9/9

Right Out: 9871.077 $\pm$ 2.411 χ^2/NDF : 433504.0/17

Left In: 10010.878 $\pm$ 2.999 χ^2/NDF :86966.5/8

10006.082 $\pm$ -1.346 χ^2/NDF : 1128900.6/49

diff_bpm4eY_mean vs slug



Right In: 1.277 ± 1.214 χ^2/NDF : 16.4/12

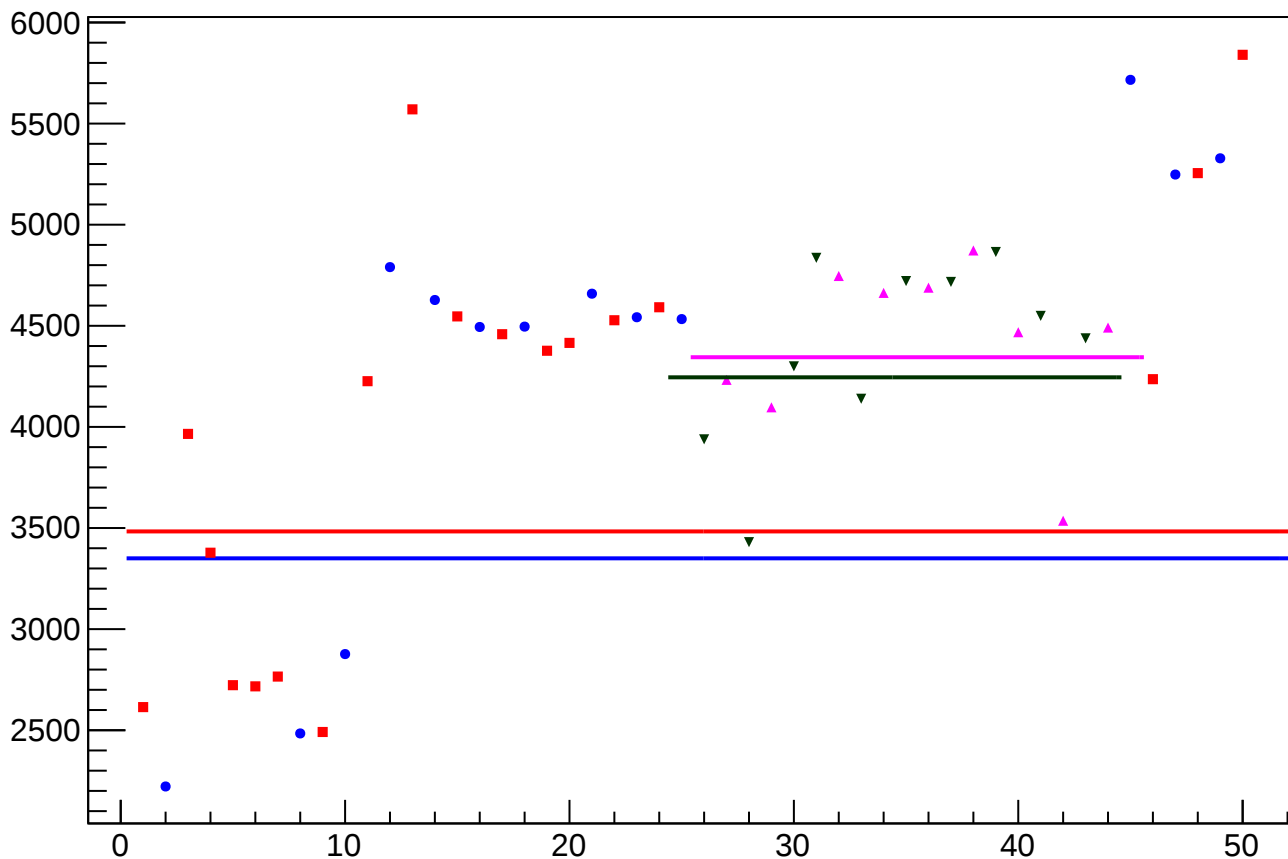
Left Out: 0.889 ± 1.892 χ^2/NDF : 11.5/9

Right Out: -0.908 ± 1.249 χ^2/NDF : 17.3/17

Left In: 0.131 ± 1.850 χ^2/NDF : 7.5/8

0.302 ± 0.727 χ^2/NDF : 54.5/49

diff_bpm4eY_rms vs slug



Right In: 3350.081+/-0.858 χ^2/NDF : 1920819.3/12

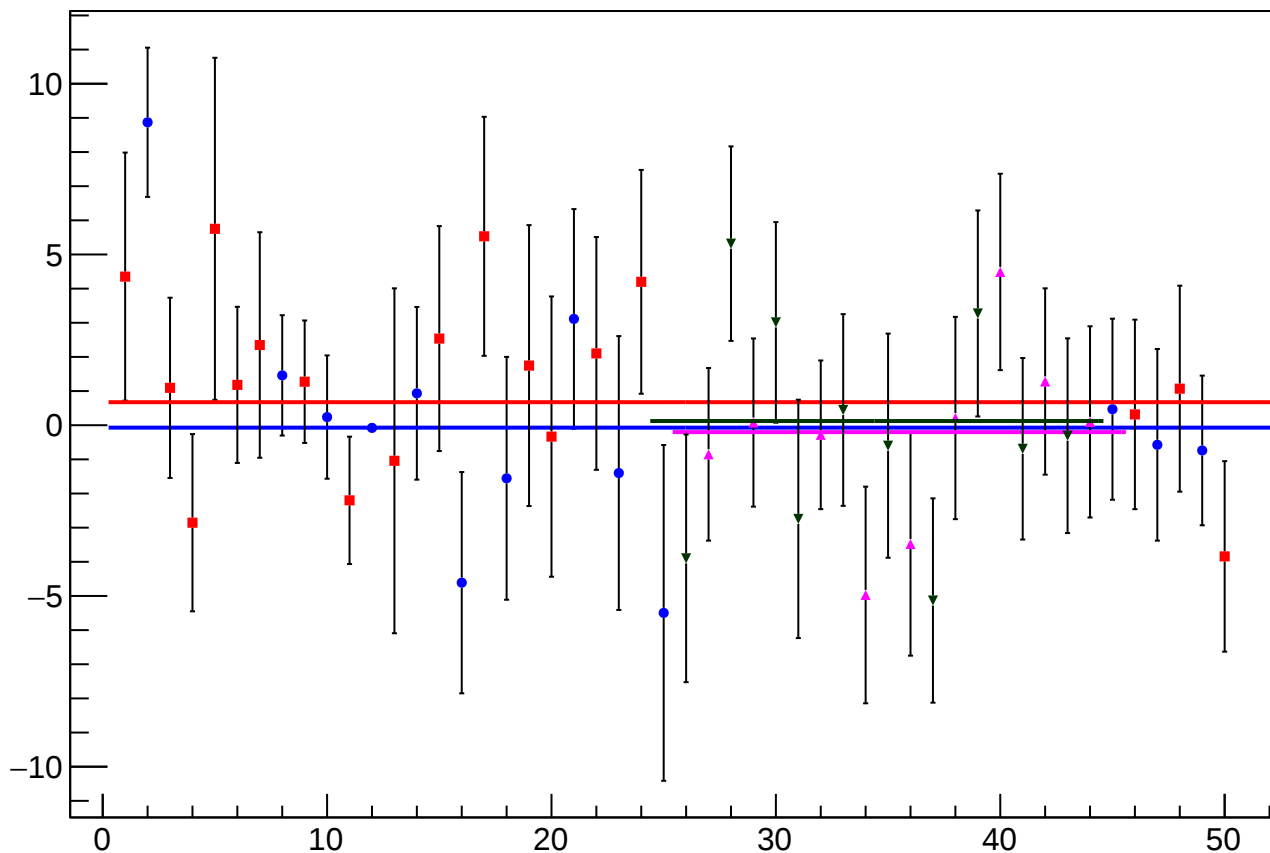
Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

Right Out: 3483.175+/-0.883 χ^2/NDF : 1259995.9/17

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

3681.096+/-0.514 χ^2/NDF : 4043798.7/49

diff_bpm4acX_mean vs slug



Right In: -0.071 ± 0.060 χ^2/NDF : 22.3/12

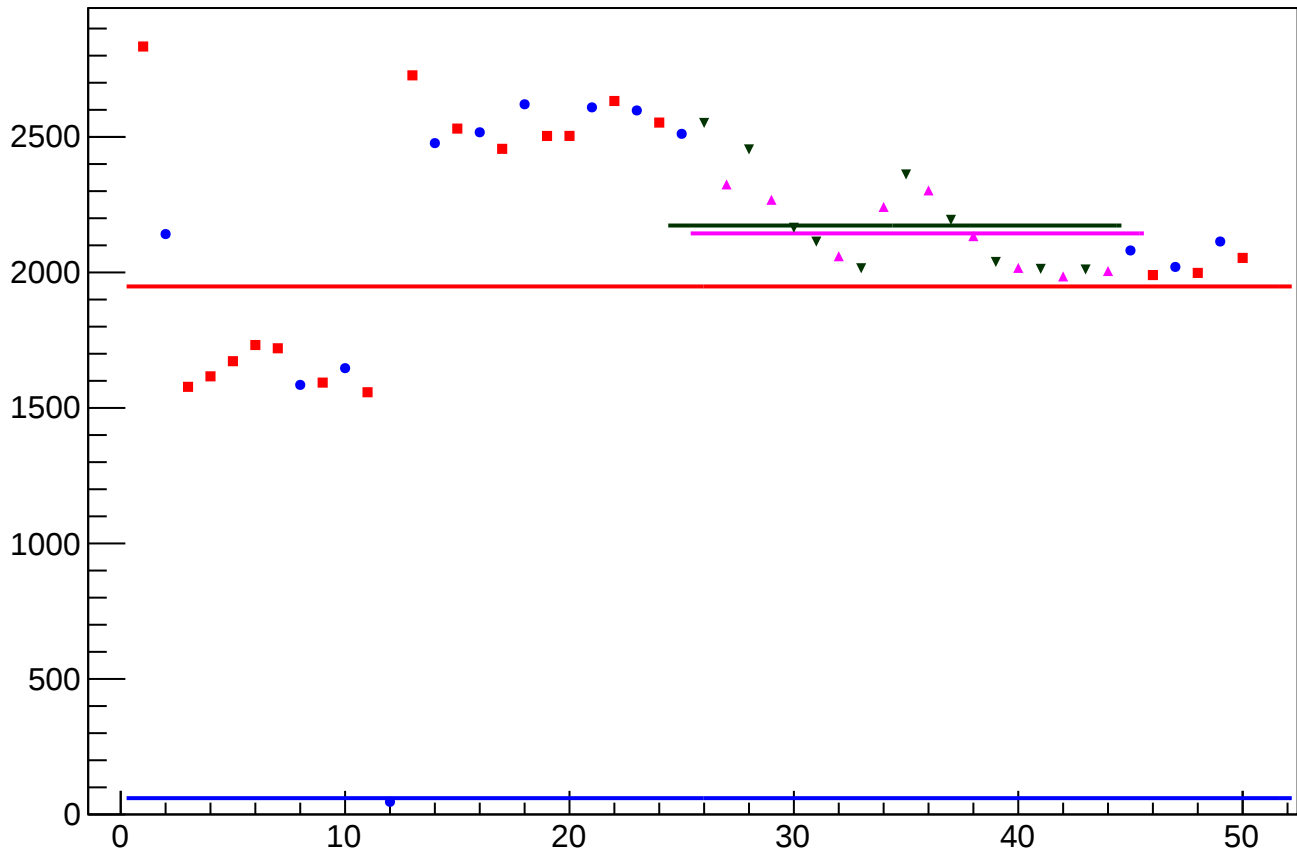
Left Out: 0.122 ± 0.952 χ^2/NDF : 10.6/9

Right Out: 0.675 ± 0.679 χ^2/NDF : 13.2/17

Left In: -0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.065 ± 0.060 χ^2/NDF : 53.7/49

diff_bpm4acX_rms vs slug



Right In: 60.162+/-0.043 χ^2 /NDF: 15420348.3/12

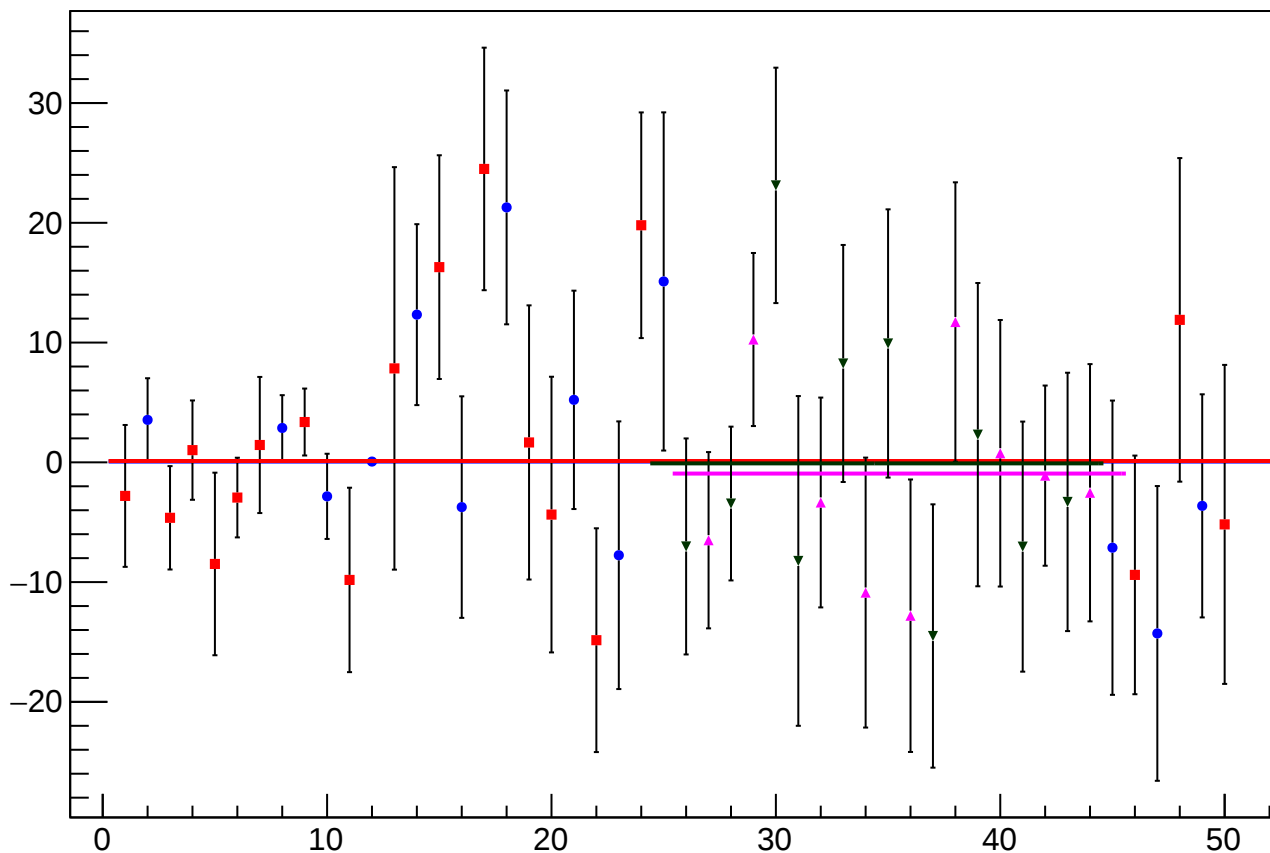
Left Out: 2173.150+/-0.673 χ^2 /NDF: 72524.5/9

92.069+/-0.042 χ^2 /NDF: 51656718.9/49

Right Out: 1948.314+/-0.480 χ^2 /NDF: 768149.6/17

Left In: 2144.060+/-0.640 χ^2 /NDF: 40535.6/8

diff_bpm4acY_mean vs slug



Right In: 0.066 ± 0.052 χ^2/NDF : 14.1/12

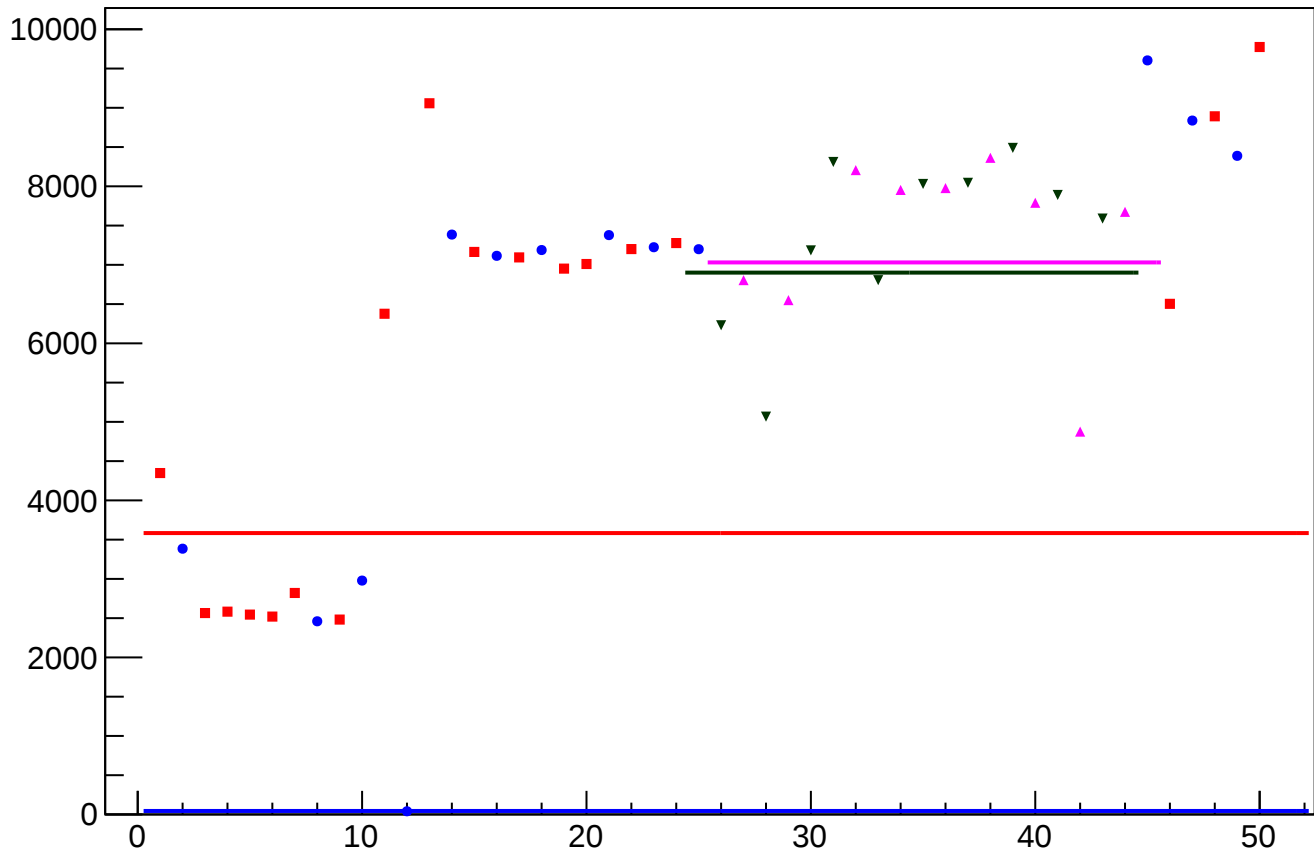
Left Out: -0.087 ± 3.121 χ^2/NDF : 10.6/9

Right Out: 0.111 ± 1.404 χ^2/NDF : 24.6/17

Left In: -0.938 ± 3.043 χ^2/NDF : 6.1/8

0.066 ± 0.052 χ^2/NDF : 55.5/49

diff_bpm4acY_rms vs slug



Right In: 44.465+/-0.037 χ^2/NDF : 15372266.8/12

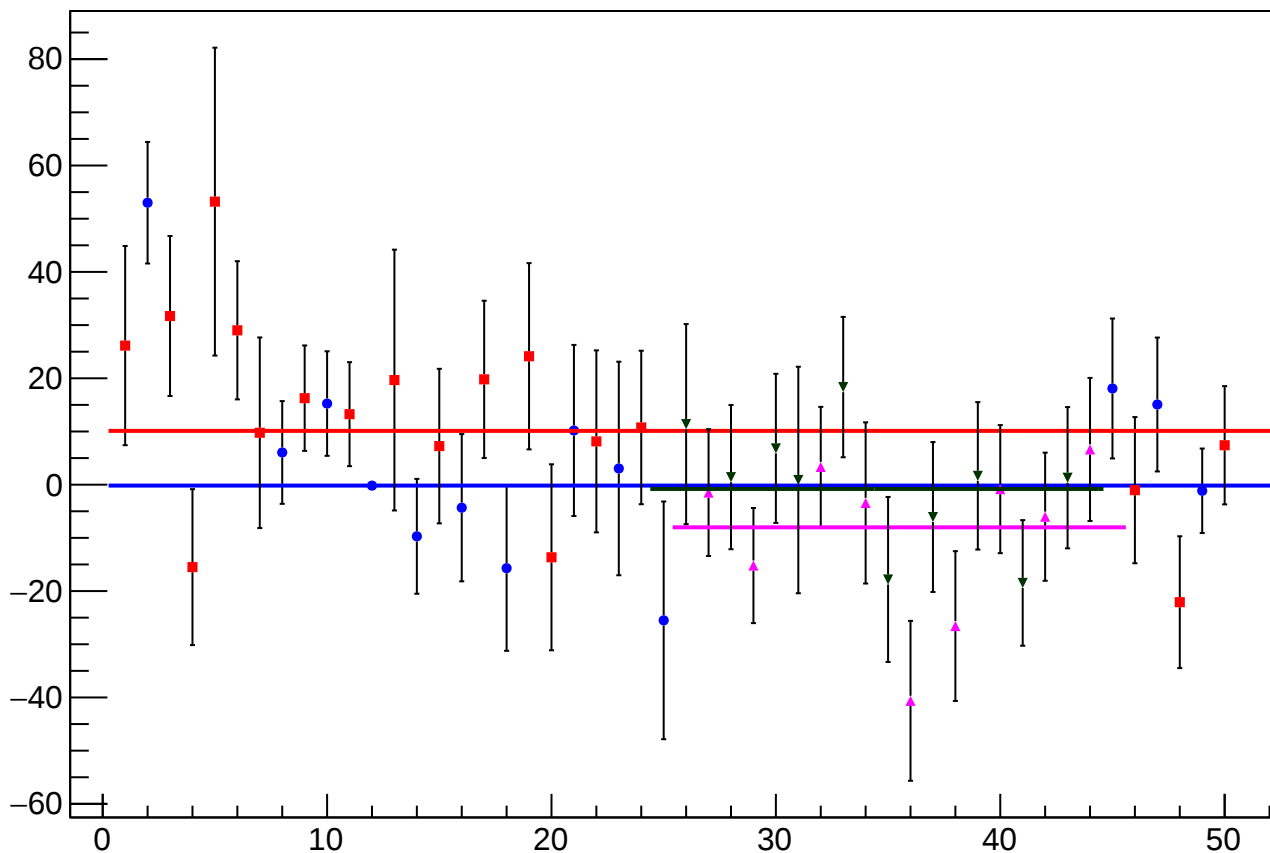
Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

53.281+/-0.037 χ^2/NDF : 52533815.5/49

Right Out: 3583.690+/-0.992 χ^2/NDF : 3729652.8/17

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: -0.170 ± 0.107 χ^2/NDF : 31.6/12

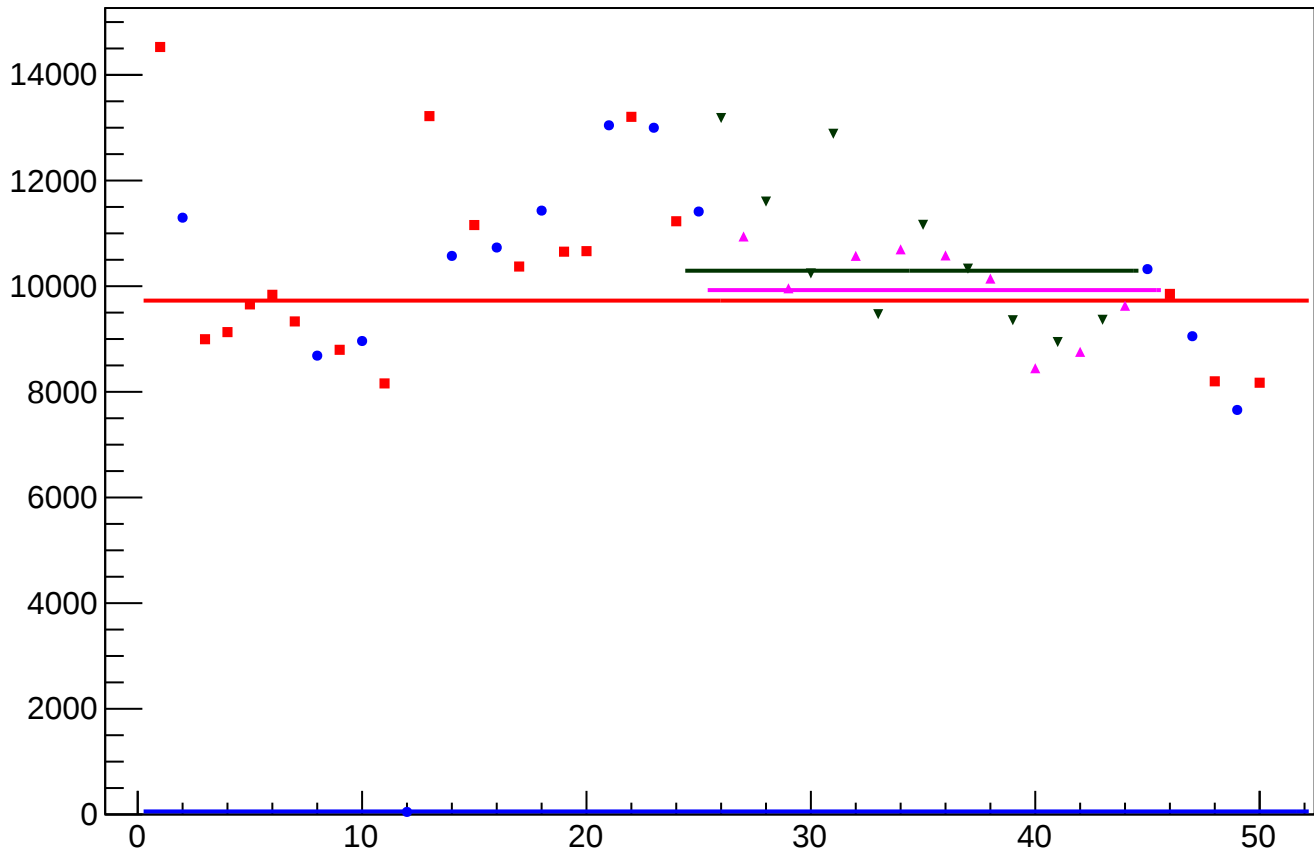
Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

Right Out: 10.116 ± 3.362 χ^2/NDF : 21.3/17

Left In: -8.016 ± 4.204 χ^2/NDF : 9.9/8

-0.165 ± 0.106 χ^2/NDF : 82.0/49

diff_bpm4ecX_rms vs slug



Right In: 57.172+/-0.075 χ^2/NDF : 16074379.2/12

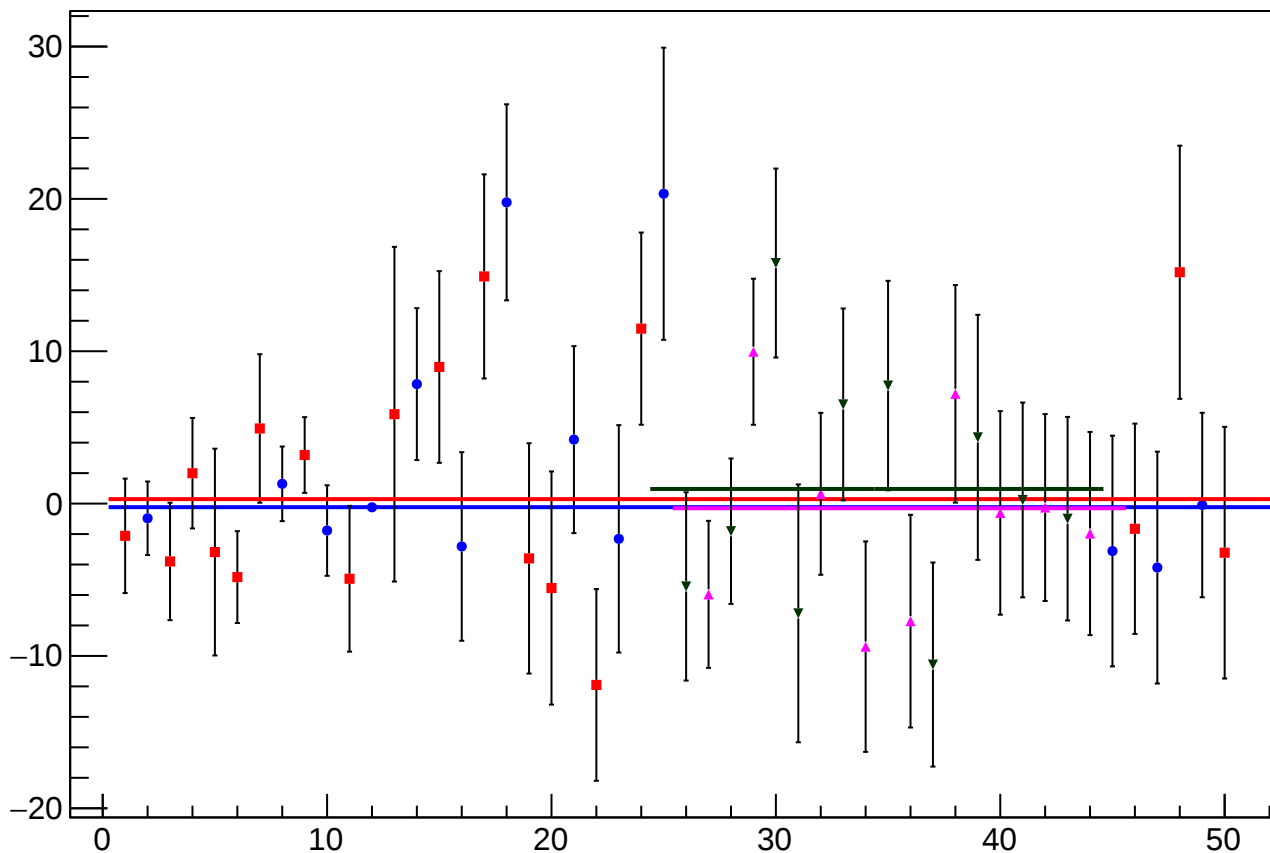
Left Out: 10292.914+/-3.209 χ^2/NDF : 154725.3/9

78.798+/-0.075 χ^2/NDF : 54424705.9/49

Right Out: 9727.248+/-2.377 χ^2/NDF : 459025.3/17

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

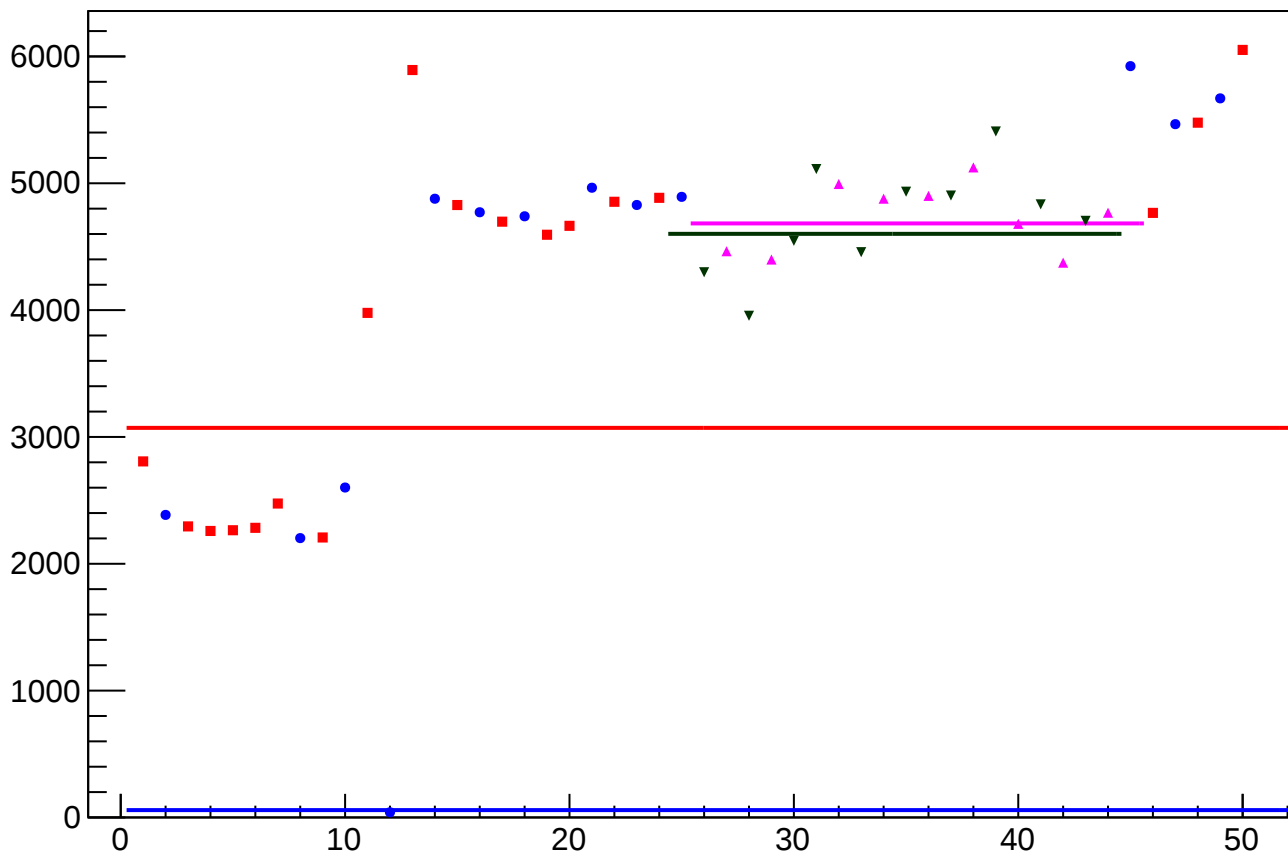
Left Out: 0.960 ± 2.037 χ^2/NDF : 13.0/9

Right Out: 0.293 ± 1.129 χ^2/NDF : 26.5/17

Left In: -0.307 ± 1.982 χ^2/NDF : 10.0/8

-0.230 ± 0.089 χ^2/NDF : 69.0/49

diff_bpm4ecY_rms vs slug



Right In: 57.962+/-0.064 χ^2 /NDF: 15552032.8/12

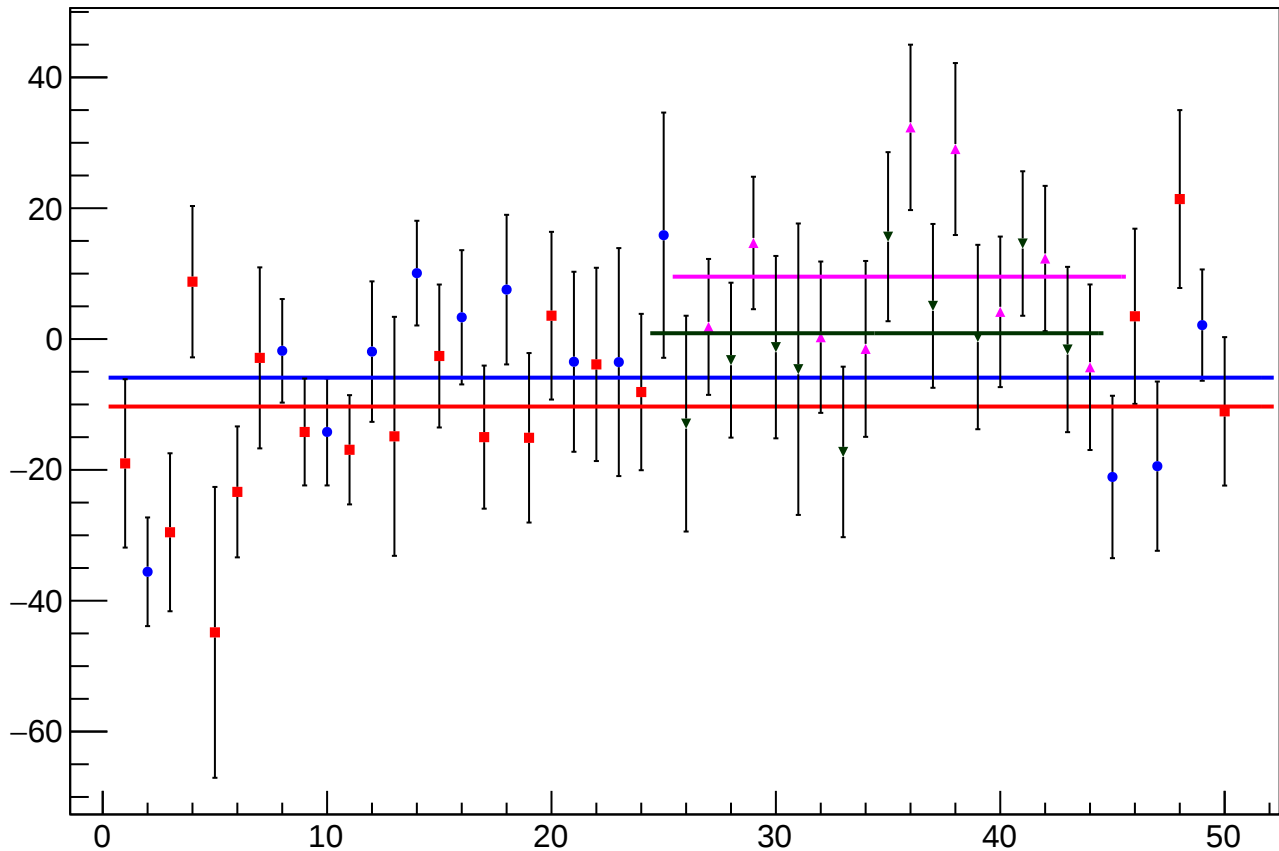
Left Out: 4601.382+/-1.440 χ^2 /NDF:81907.0/9

Right Out: 3071.593+/-0.798 χ^2 /NDF: 2148173.3/17

Left In: 4683.549+/-1.402 χ^2 /NDF:34623.2/8

95.072+/-0.063 χ^2 /NDF: 52562031.6/49

diff_bpm1X_mean vs slug



Right In: -5.901 ± 2.834 χ^2/NDF : 25.3/12

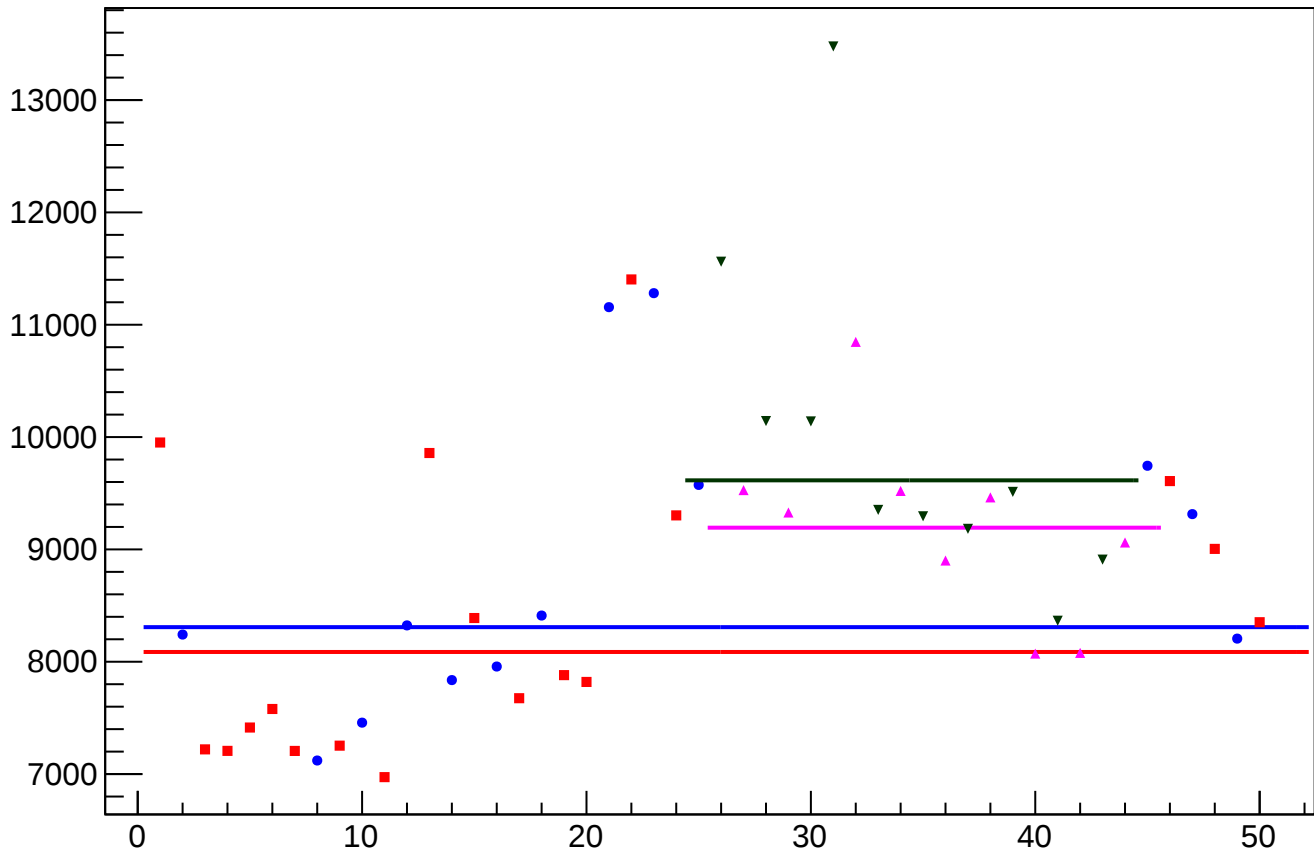
Left Out: 0.888 ± 4.236 χ^2/NDF : 5.8/9

-3.698 ± 1.632 χ^2/NDF : 78.9/49

Right Out: -10.318 ± 2.784 χ^2/NDF : 19.7/17

Left In: 9.535 ± 3.893 χ^2/NDF : 9.1/8

diff_bpm1X_rms vs slug



Right In: 8307.978+/-2.004 χ^2/NDF : 268407.9/12

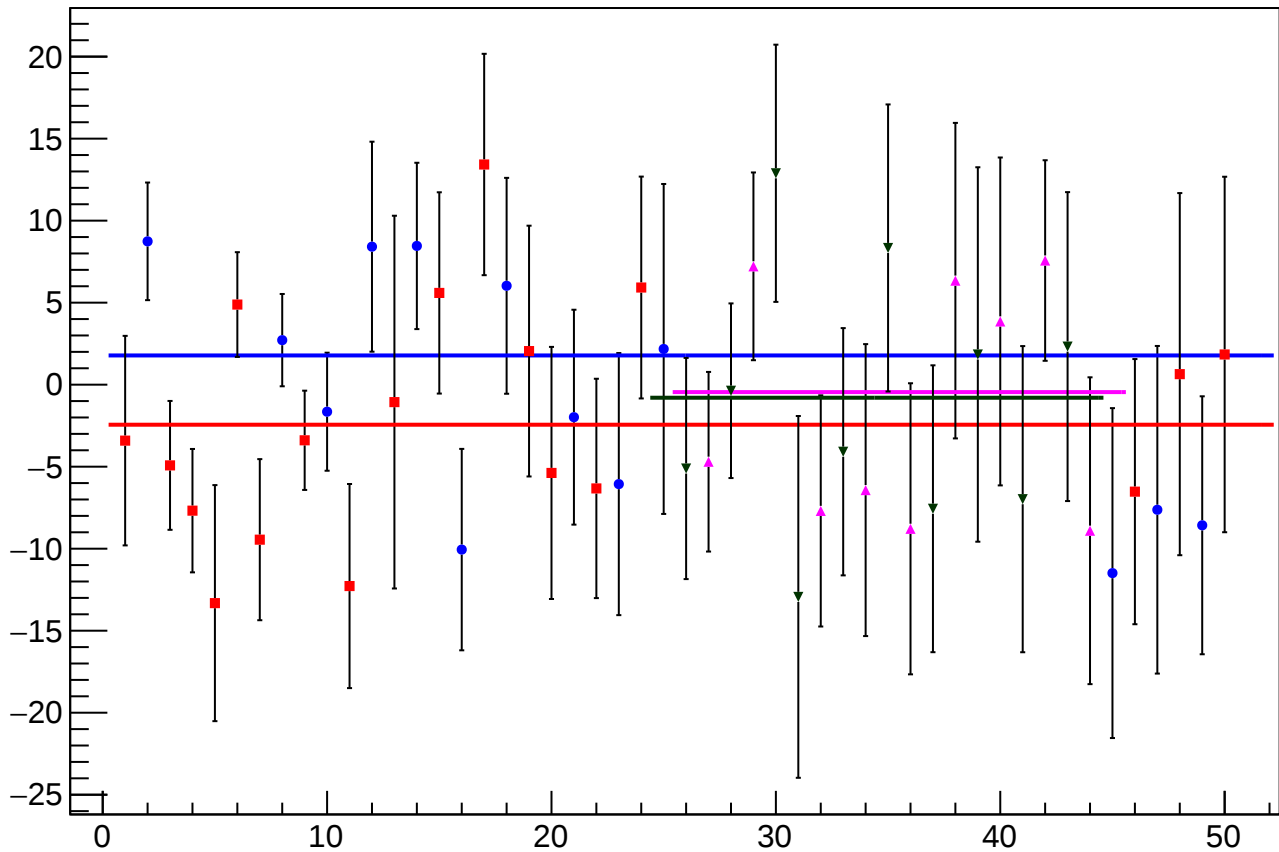
Left Out: 9614.809+/-2.996 χ^2/NDF : 131171.7/9

Right Out: 8086.952+/-1.968 χ^2/NDF : 317465.5/17

Left In: 9193.398+/-2.753 χ^2/NDF : 85779.5/8

8581.692+/-1.154 χ^2/NDF : 1052970.1/49

diff_bpm1Y_mean vs slug



Right In: 1.782 ± 1.445 χ^2/NDF : 17.4/12

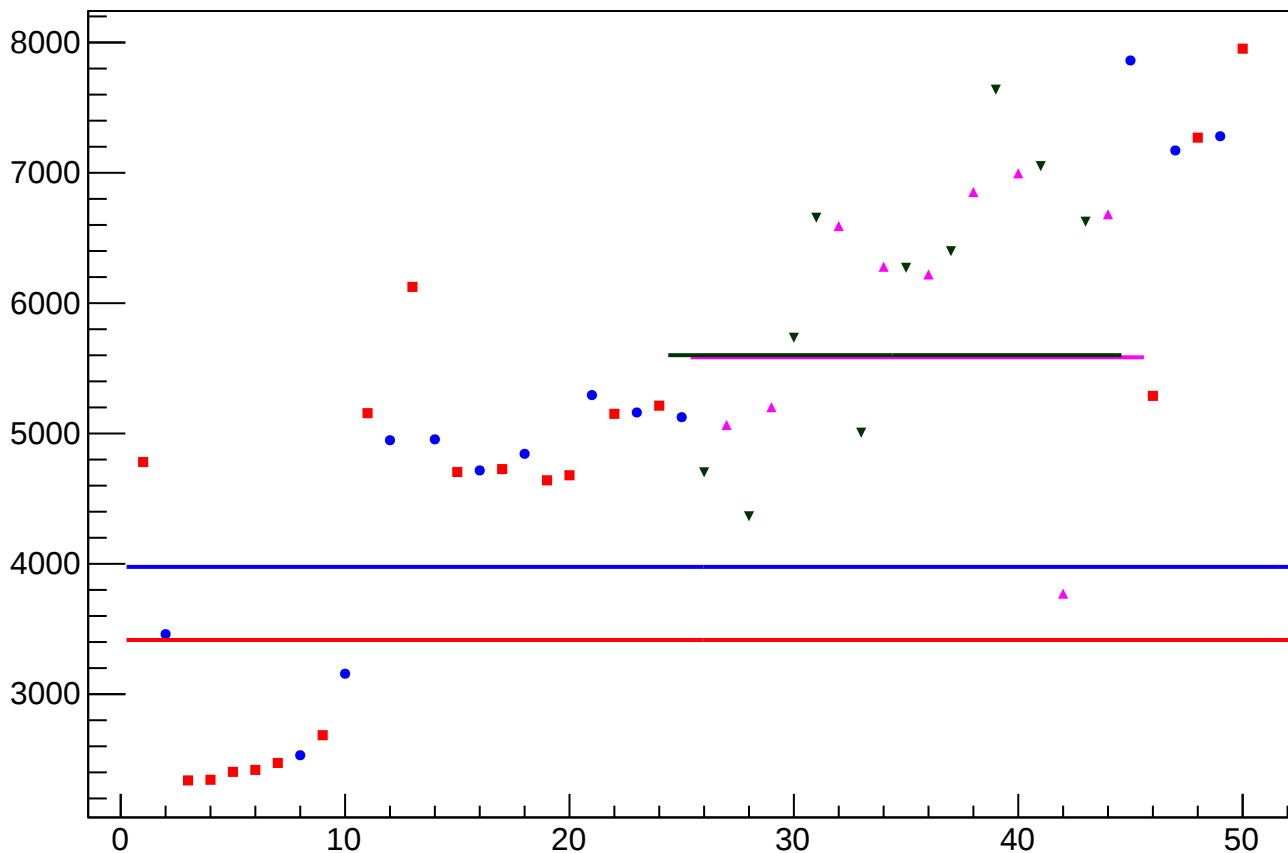
Left Out: -0.796 ± 2.532 χ^2/NDF : 7.2/9

-0.605 ± 0.838 χ^2/NDF : 62.0/49

Right Out: -2.442 ± 1.270 χ^2/NDF : 24.6/17

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

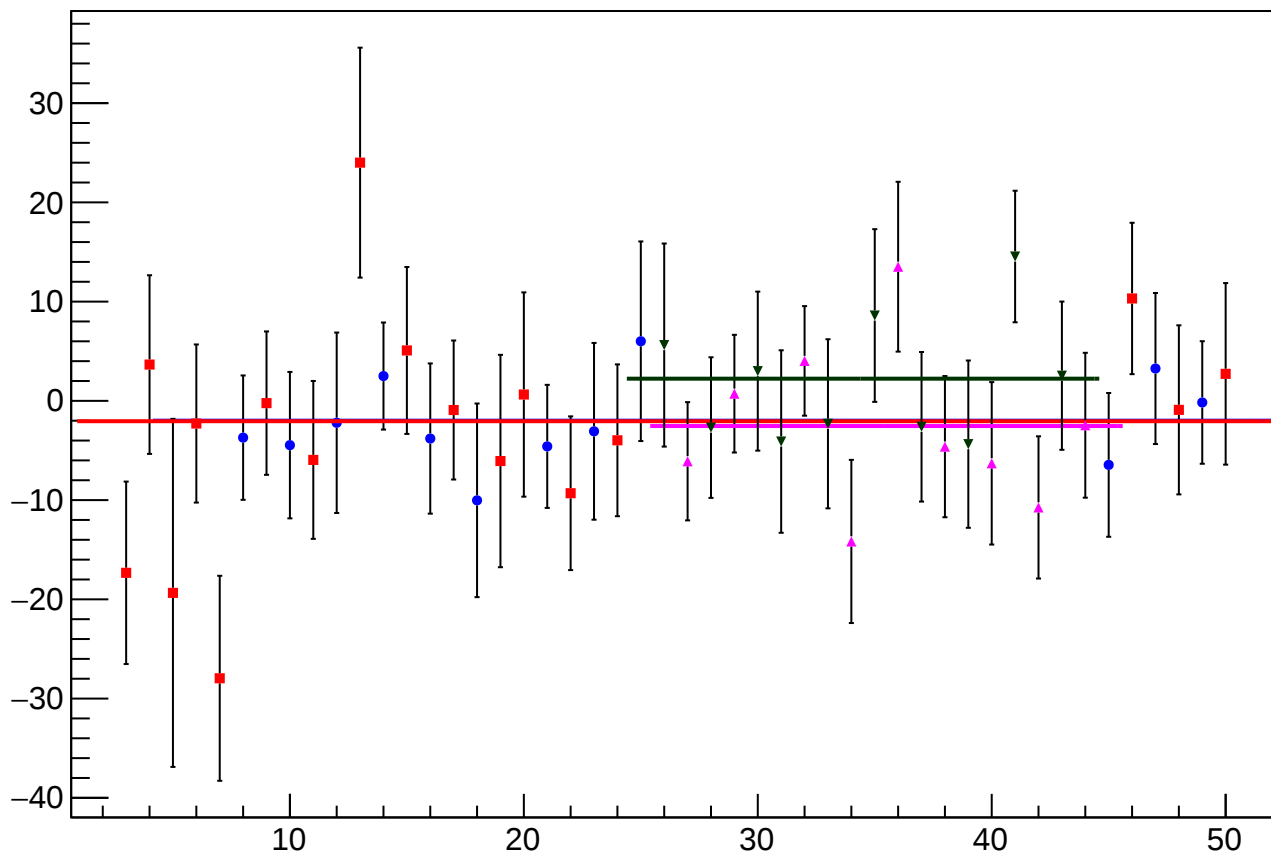
Left Out: 5600.895+/-1.791 χ^2 /NDF:338726.9/9

Right Out: 3415.823+/-0.898 χ^2 /NDF: 2346022.7/17

Left In: 5584.684+/-1.723 χ^2 /NDF:368294.9/8

4100.242+/-0.593 χ^2 /NDF: 6957543.4/49

diff_bpm11X_mean vs slug



Right In: -1.999 ± 2.088 χ^2/NDF : 3.4/11

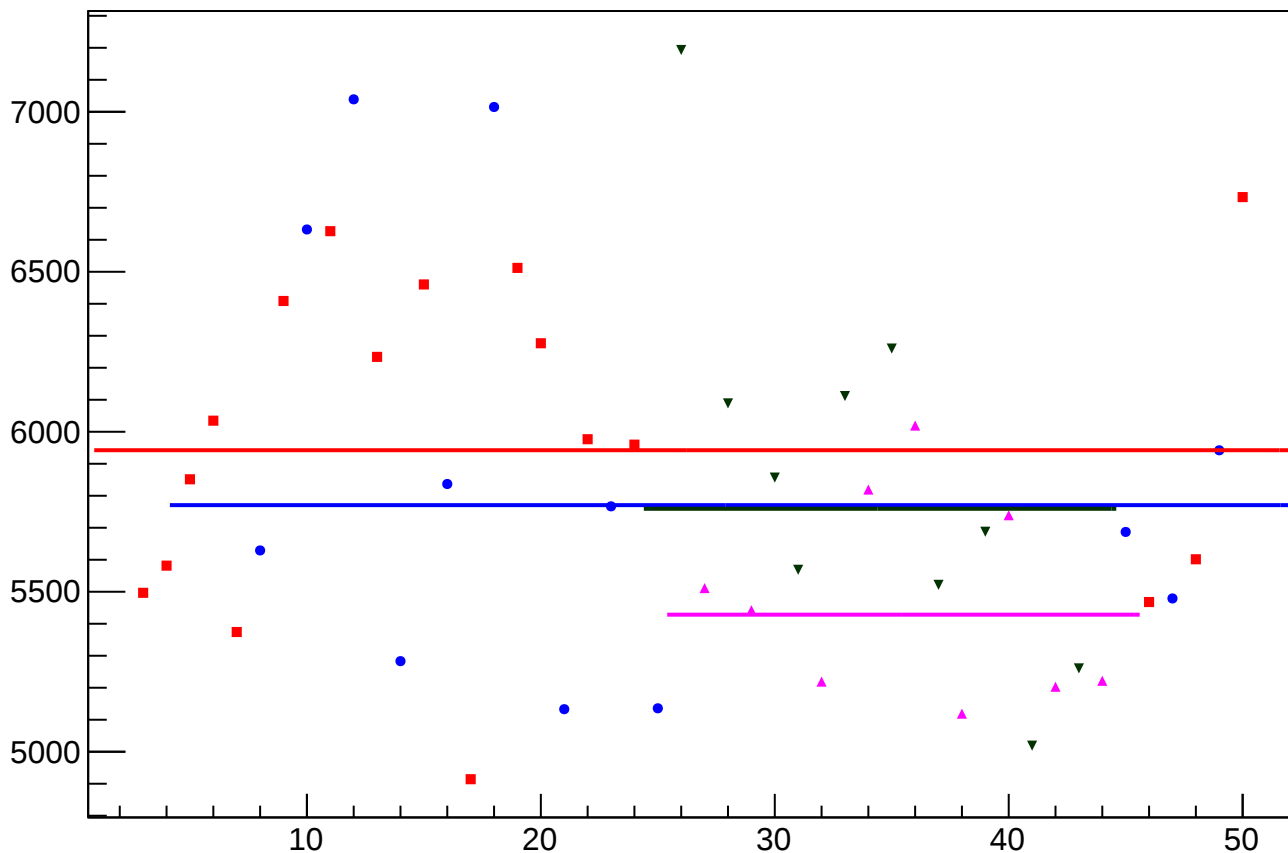
Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

Right Out: -2.051 ± 2.111 χ^2/NDF : 20.6/16

Left In: -2.537 ± 2.289 χ^2/NDF : 9.2/8

-1.316 ± 1.118 χ^2/NDF : 42.0/47

diff_bpm11X_rms vs slug



Right In: 5770.686+/-1.477 χ^2/NDF : 150128.3/11

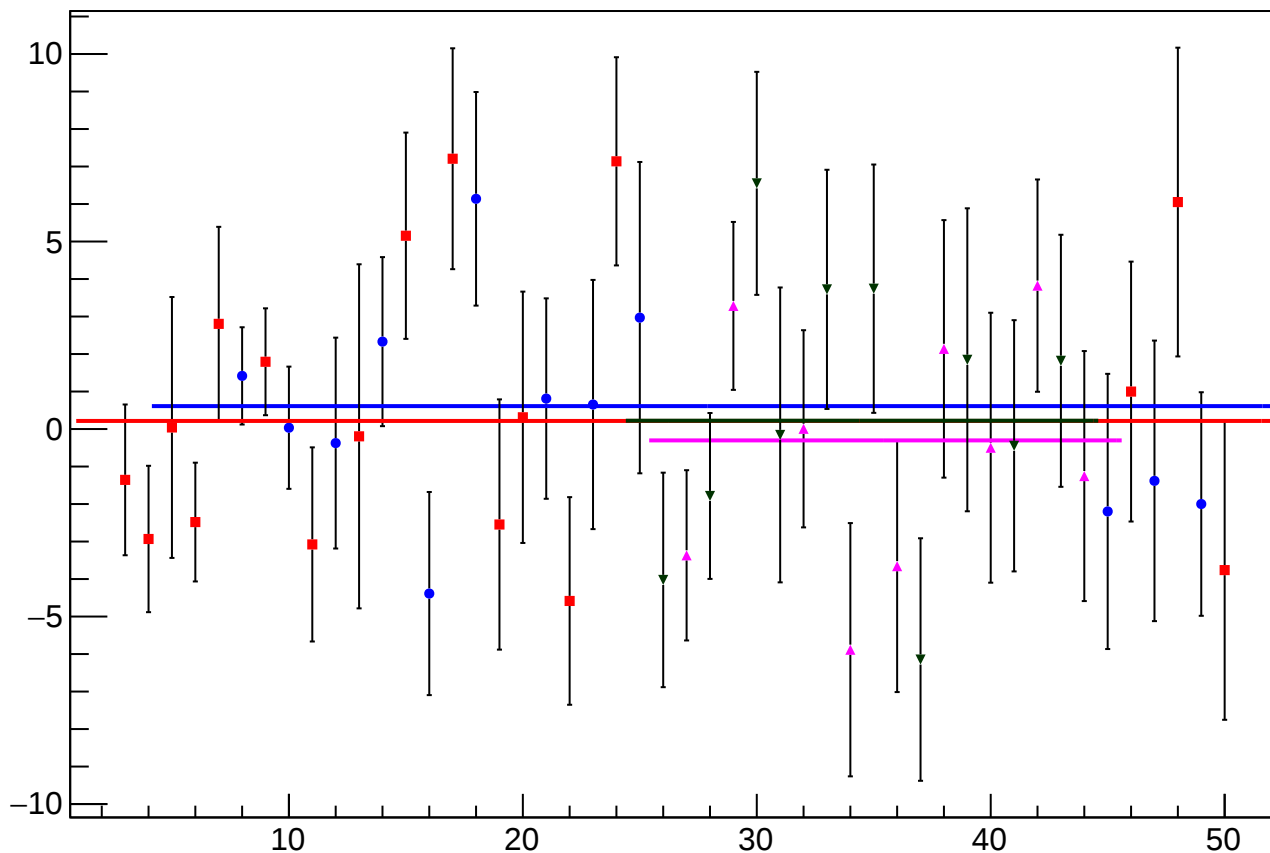
Left Out: 5759.309+/-1.789 χ^2/NDF : 90824.6/9

Right Out: 5942.311+/-1.493 χ^2/NDF : 123129.2/16

Left In: 5428.343+/-1.619 χ^2/NDF : 27583.1/8

5734.960+/-0.790 χ^2/NDF : 447610.6/47

diff_bpm11Y_mean vs slug



Right In: 0.611 ± 0.690 $\chi^2/\text{NDF}: 10.4/11$

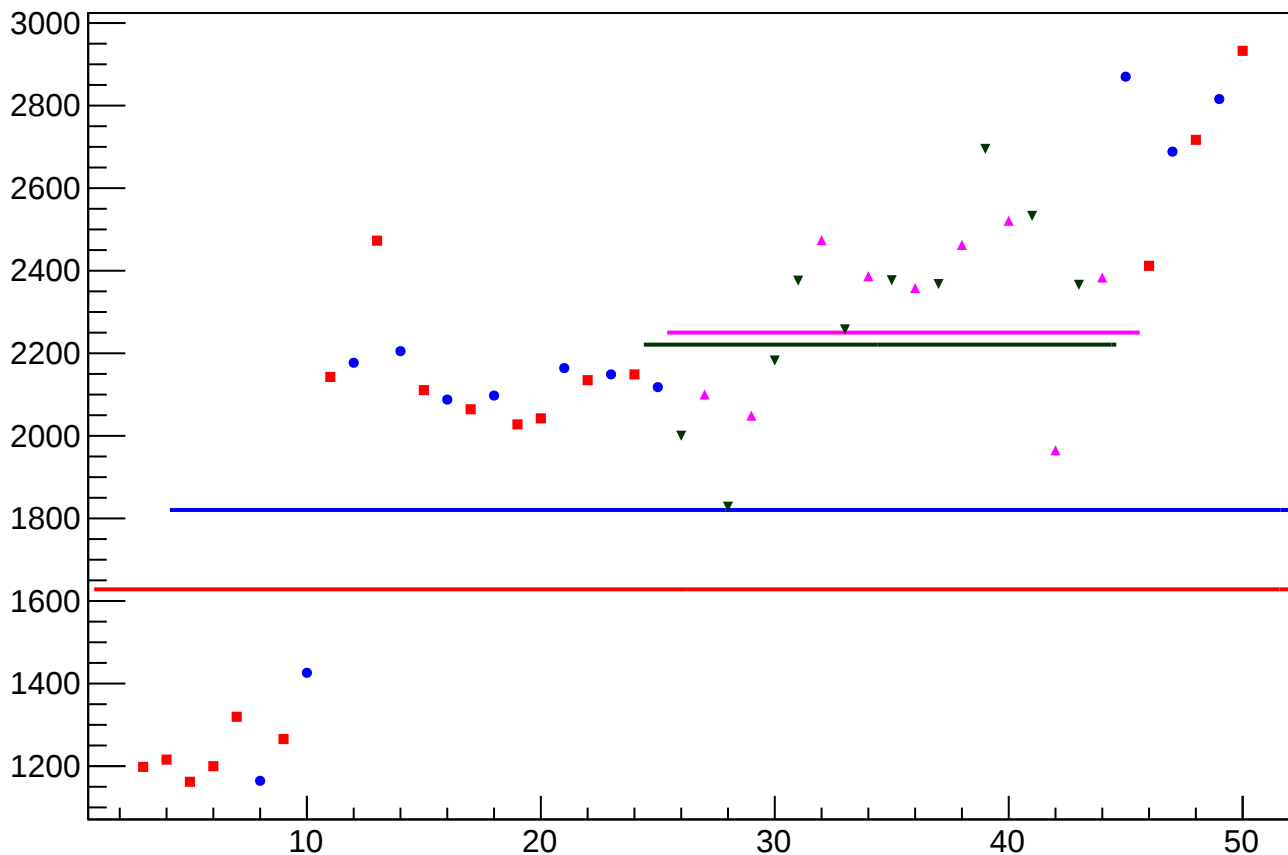
Left Out: 0.222 ± 0.986 $\chi^2/\text{NDF}: 14.2/9$

Right Out: 0.216 ± 0.606 $\chi^2/\text{NDF}: 31.8/16$

Left In: -0.303 ± 0.957 $\chi^2/\text{NDF}: 10.8/8$

0.255 ± 0.379 $\chi^2/\text{NDF}: 67.8/47$

diff_bpm11Y_rms vs slug



Right In: 1820.456 $\pm$ 0.488 χ^2 /NDF: 1315296.9/11

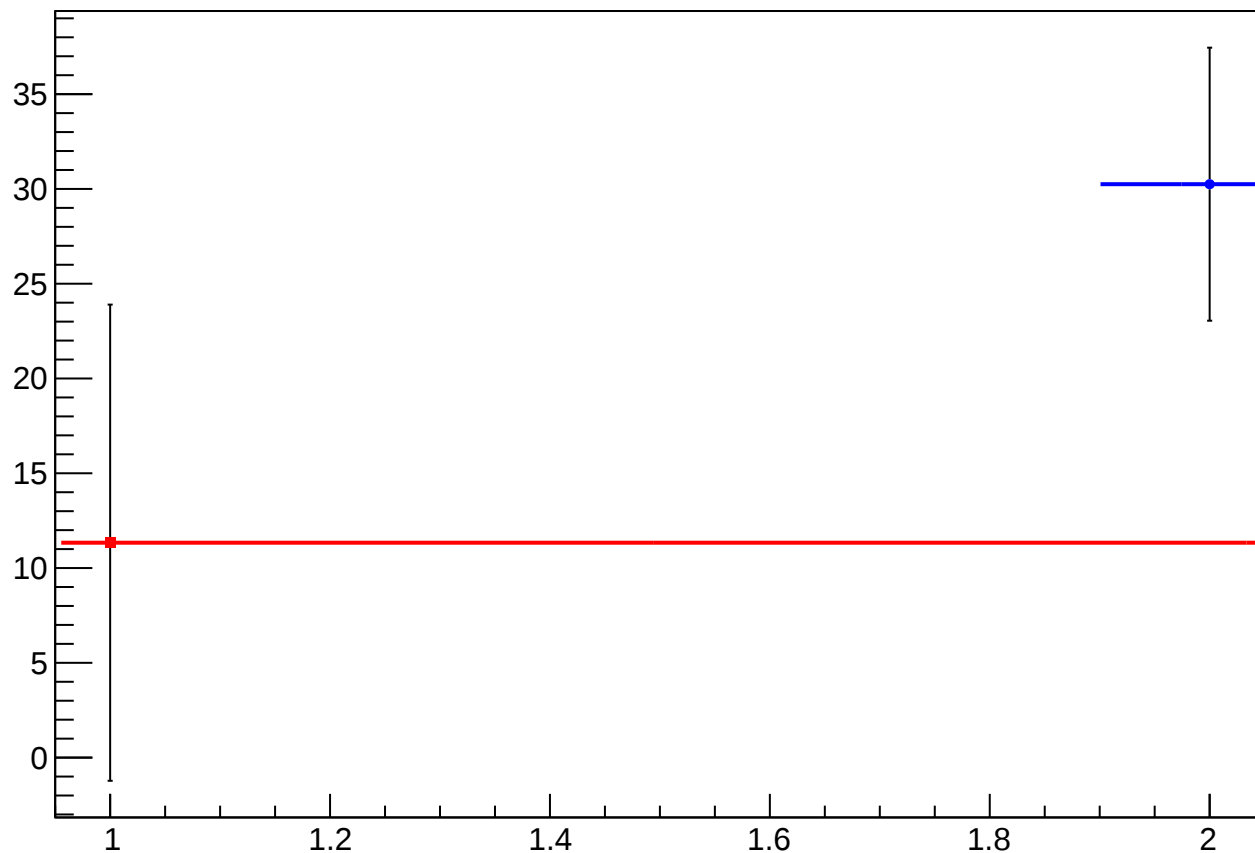
Left Out: 2220.975 $\pm$ 0.697 χ^2 /NDF:135802.0/9

Right Out: 1628.246 $\pm$ 0.429 χ^2 /NDF: 1425764.6/16

Left In: 2250.180 $\pm$ 0.677 χ^2 /NDF:87194.0/8

1871.993 $\pm$ 0.268 χ^2 /NDF: 3861435.2/47

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

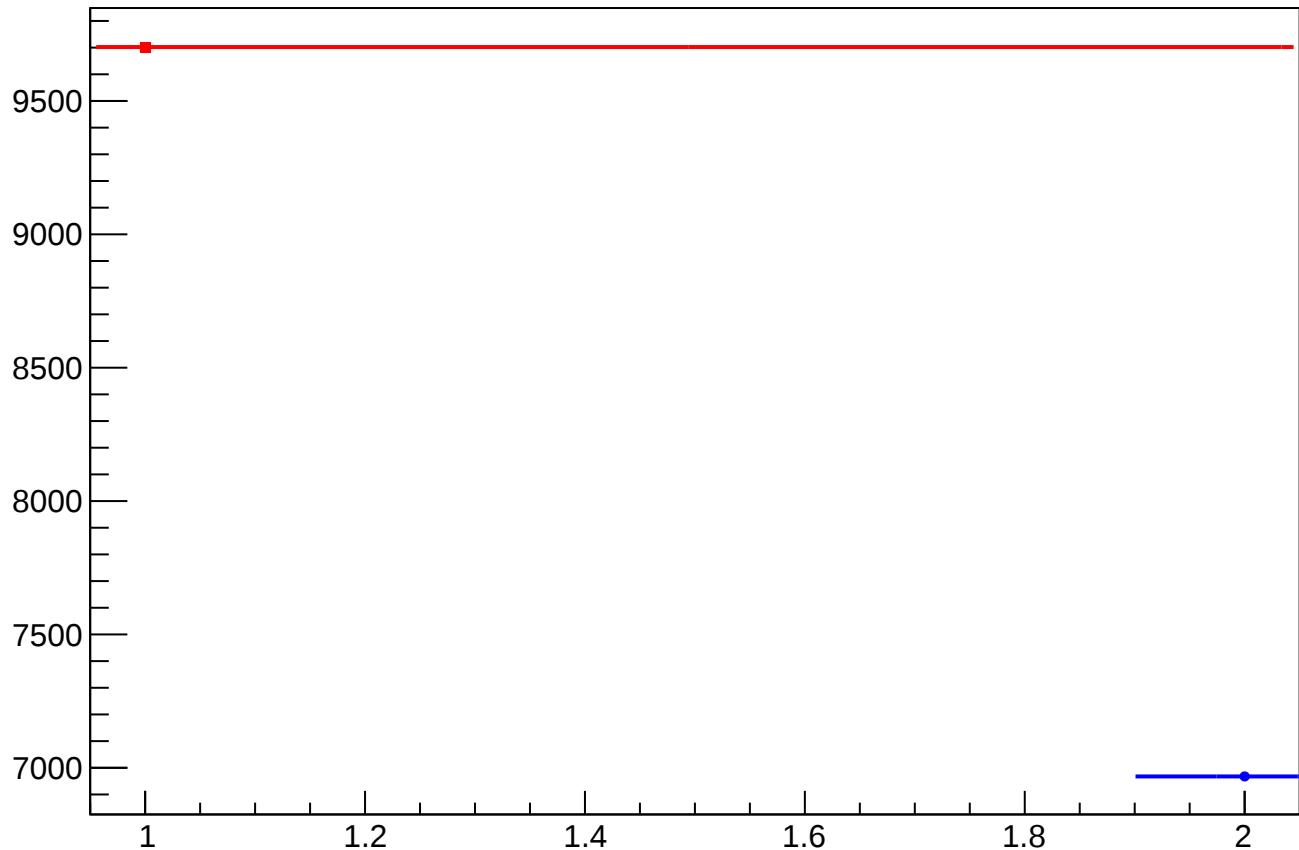
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.337 $\pm$ 12.561 χ^2 /NDF: 0.0/0

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

25.571 $\pm$ 6.248 χ^2 /NDF: 1.7/1

diff_bpm14X_rms vs slug



Right In: 6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

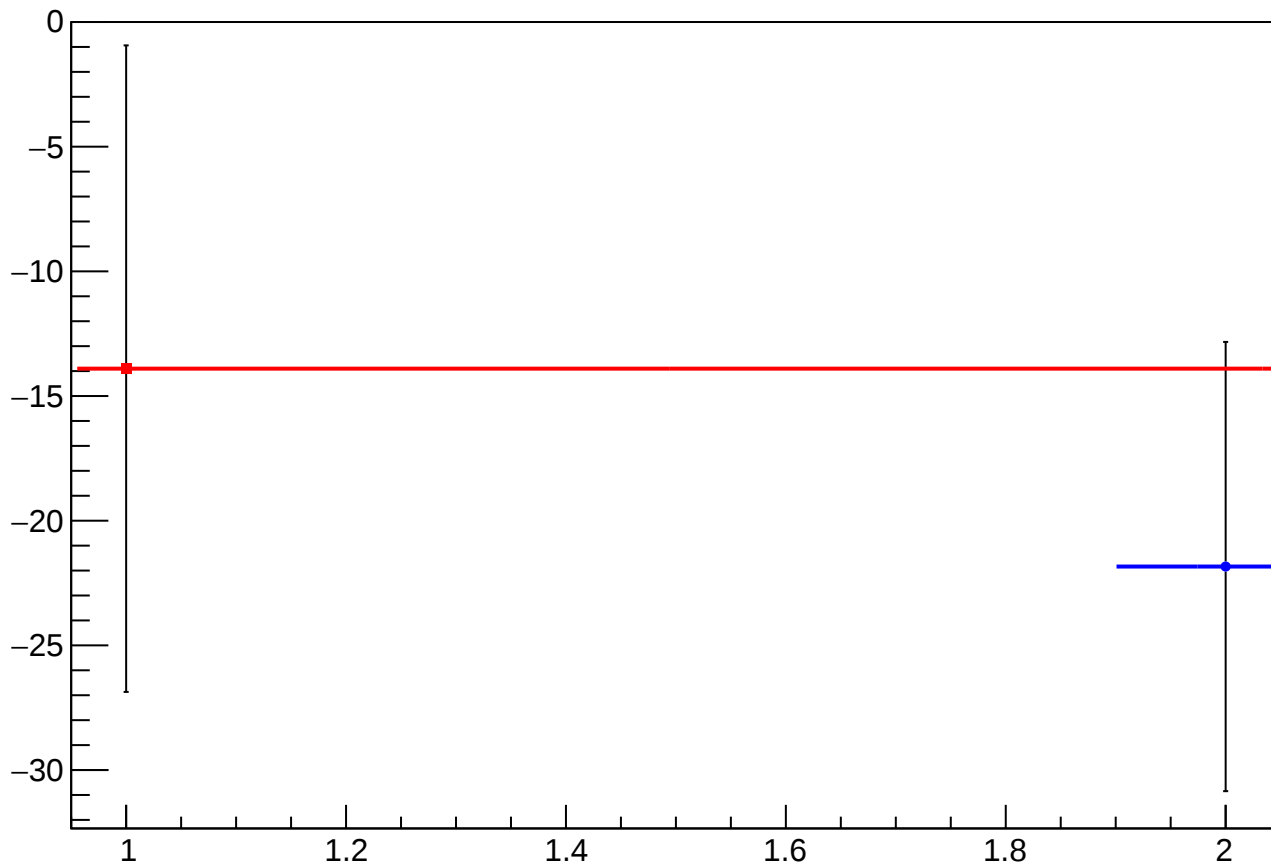
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

7644.206 $\pm$ 4.418 χ^2/NDF : 71341.6/1

diff_bpm14Y_mean vs slug



Right In: -21.839 $\pm$ 9.009 χ^2/NDF : 0.0/0

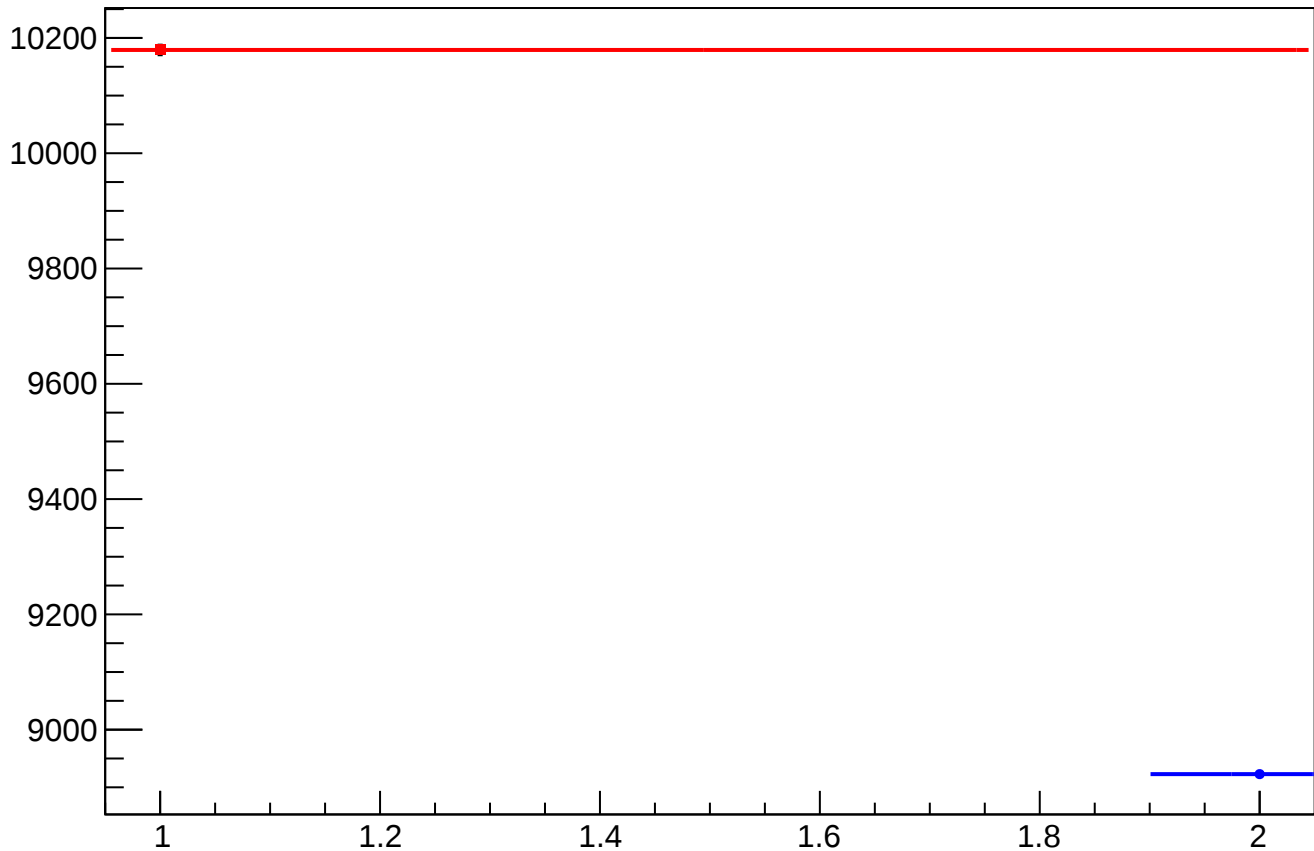
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -13.902 $\pm$ 12.965 χ^2/NDF : 0.0/0

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

-19.255 $\pm$ 7.398 χ^2/NDF : 0.3/1

diff_bpm14Y_rms vs slug



Right In: 8922.874 $\pm$ 6.370 χ^2/NDF : 0.0/0

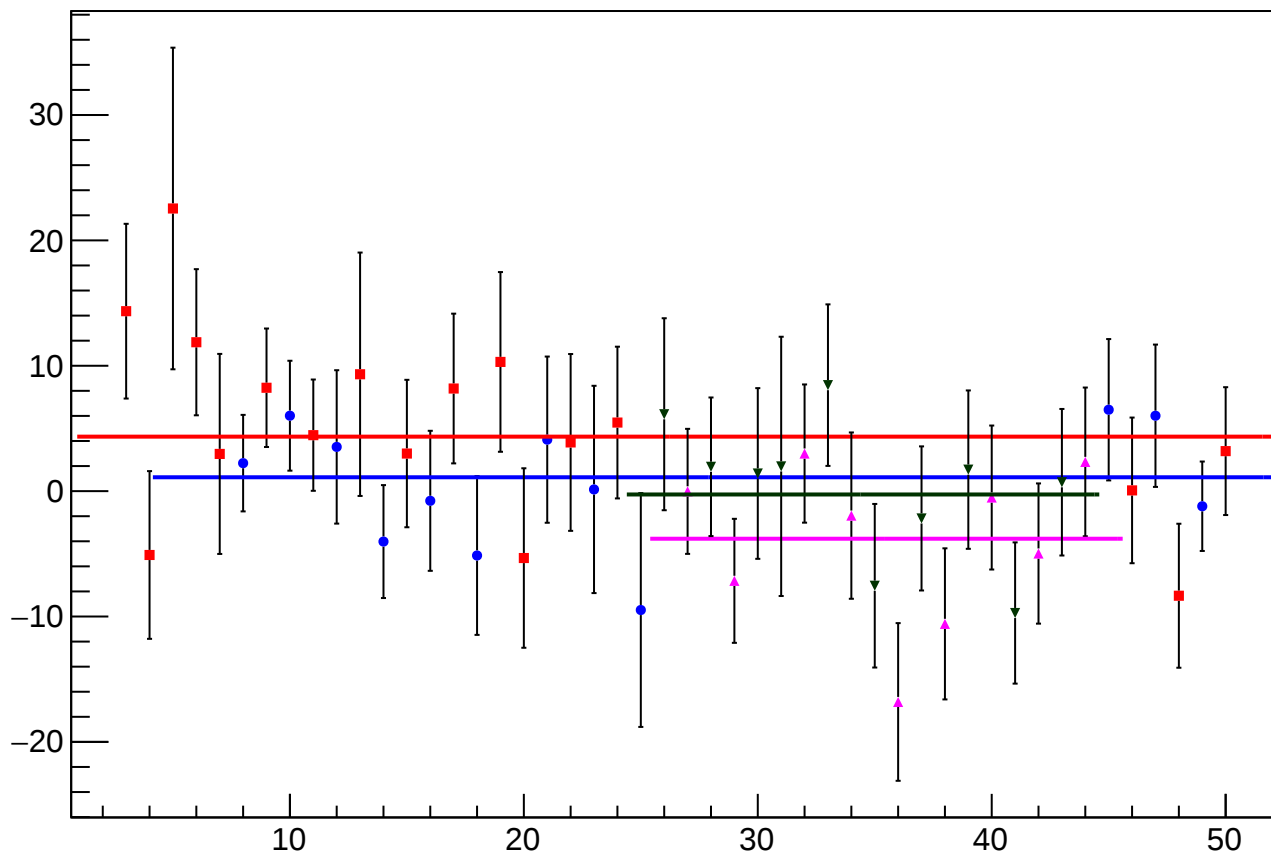
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10179.165 $\pm$ 9.168 χ^2/NDF : 0.0/0

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

9331.930 $\pm$ 5.231 χ^2/NDF : 12664.4/1

diff_bpm16X_mean vs slug



Right In: 1.106 ± 1.503 χ^2/NDF : 7.5/11

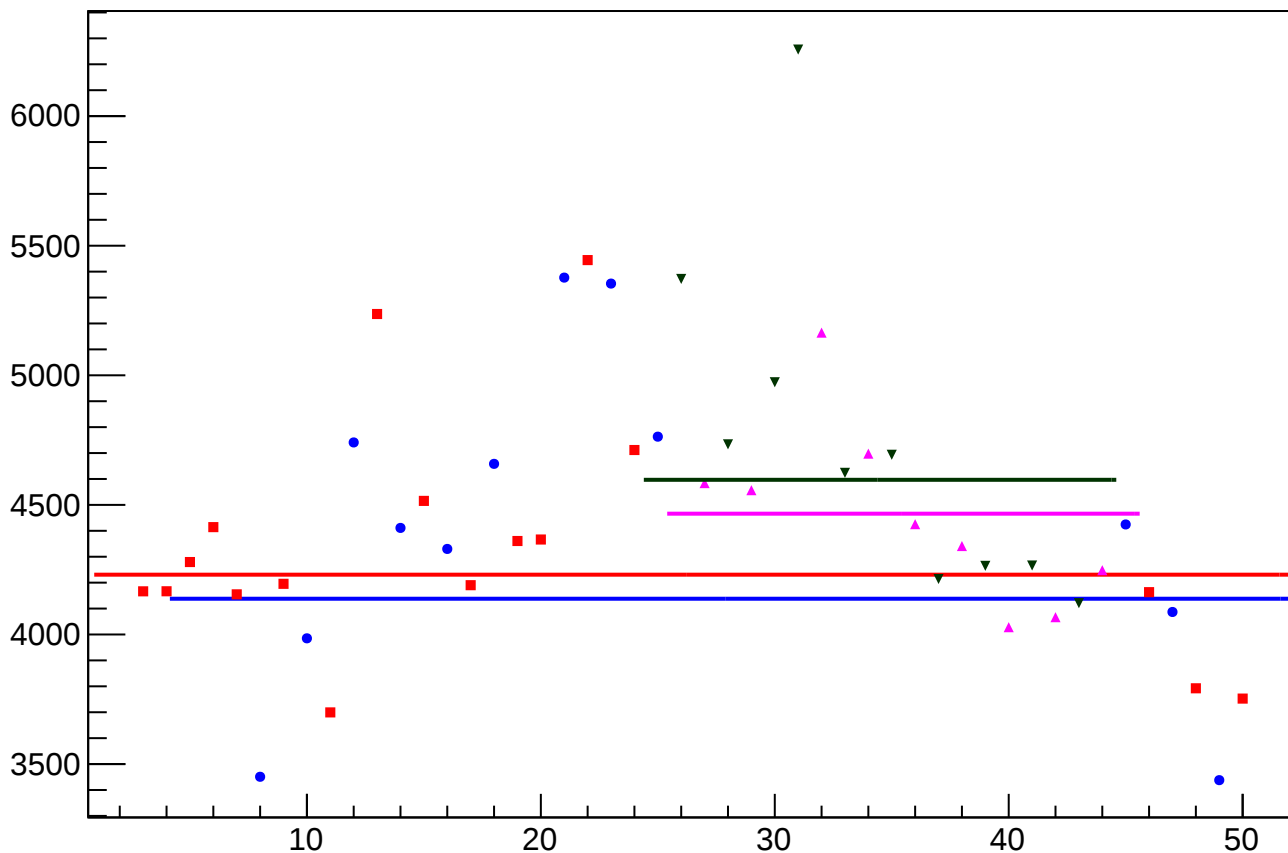
Left Out: -0.266 ± 2.022 χ^2/NDF : 7.1/9

Right Out: 4.346 ± 1.504 χ^2/NDF : 17.2/16

Left In: -3.796 ± 1.889 χ^2/NDF : 9.6/8

0.910 ± 0.842 χ^2/NDF : 53.2/47

diff_bpm16X_rms vs slug



Right In: 4137.933 ± 1.063 $\chi^2/\text{NDF}: 313313.4/11$

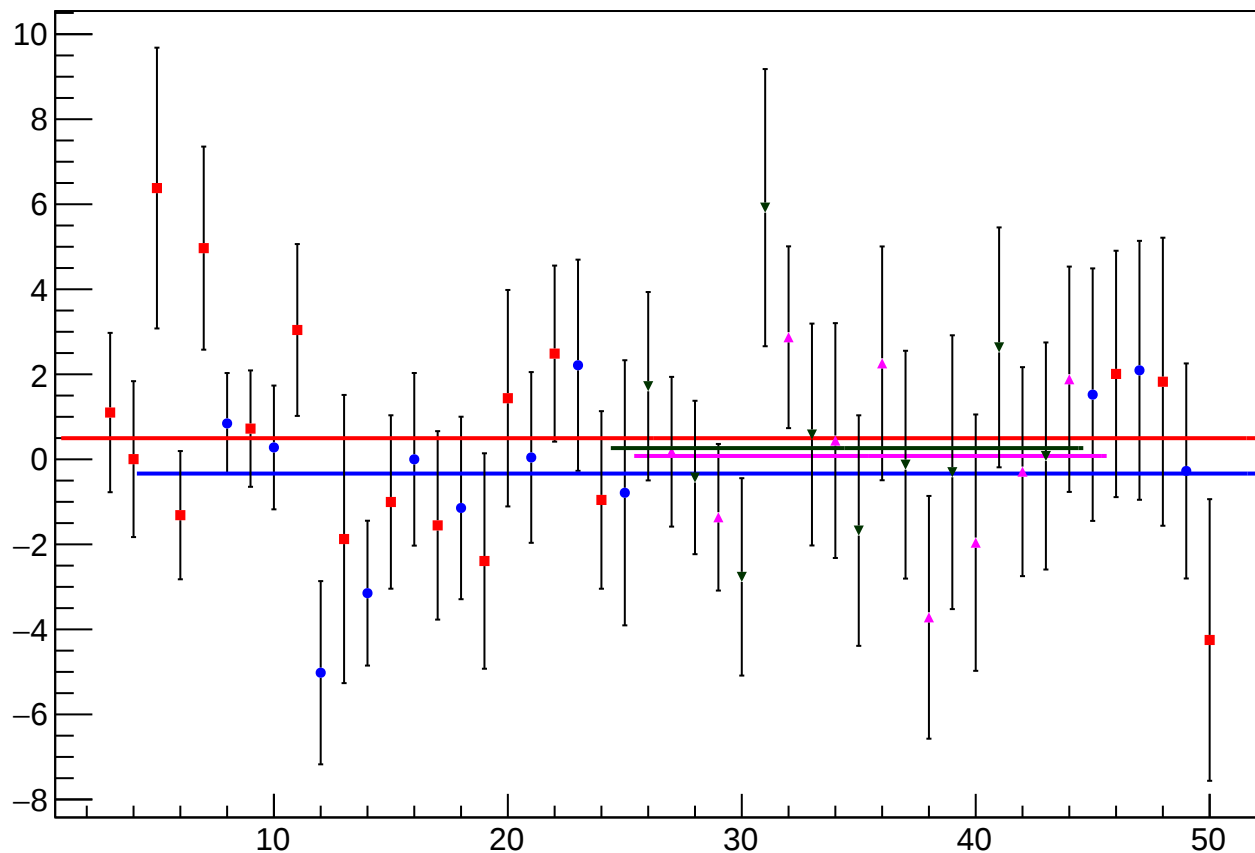
Left Out: 4596.789 ± 1.430 $\chi^2/\text{NDF}: 114406.0/9$

4311.888 ± 0.596 $\chi^2/\text{NDF}: 735540.1/47$

Right Out: 4230.743 ± 1.063 $\chi^2/\text{NDF}: 160354.9/16$

Left In: 4466.082 ± 1.336 $\chi^2/\text{NDF}: 61839.9/8$

diff_bpm16Y_mean vs slug



Right In: -0.335 ± 0.569 χ^2/NDF : 10.9/11

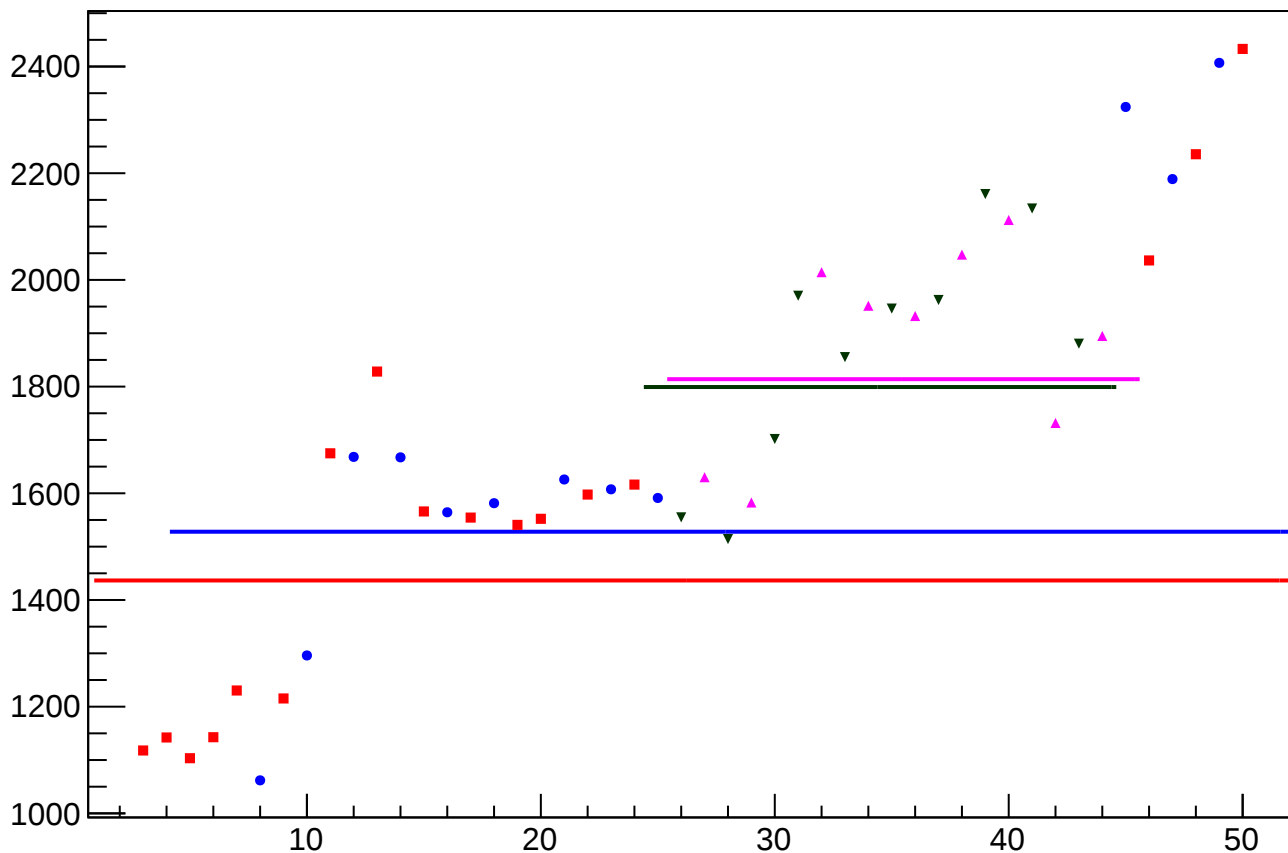
Left Out: 0.264 ± 0.797 χ^2/NDF : 6.6/9

Right Out: 0.497 ± 0.522 χ^2/NDF : 17.1/16

Left In: 0.079 ± 0.771 χ^2/NDF : 5.8/8

0.134 ± 0.316 χ^2/NDF : 41.6/47

diff_bpm16Y_rms vs slug



Right In: 1527.973+/-0.402 χ^2/NDF : 871030.5/11

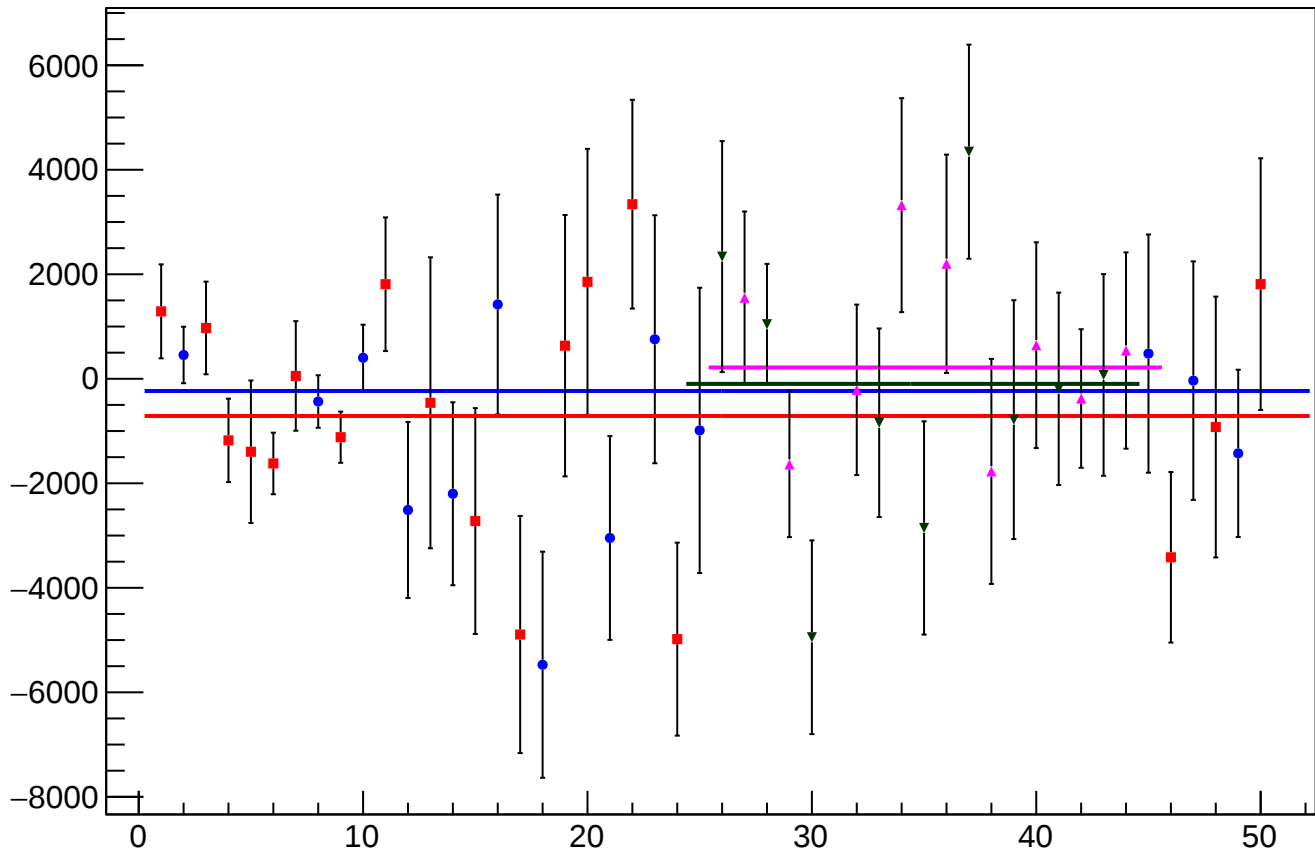
Left Out: 1799.198+/-0.563 χ^2/NDF :152718.9/9

Right Out: 1436.585+/-0.369 χ^2/NDF : 753430.6/16

Left In: 1813.912+/-0.545 χ^2/NDF :121077.4/8

1585.141+/-0.223 χ^2/NDF : 2400738.3/47

asym_sam1_mean vs slug



Right In: -233.438+/-284.625 χ^2/NDF : 15.4/12

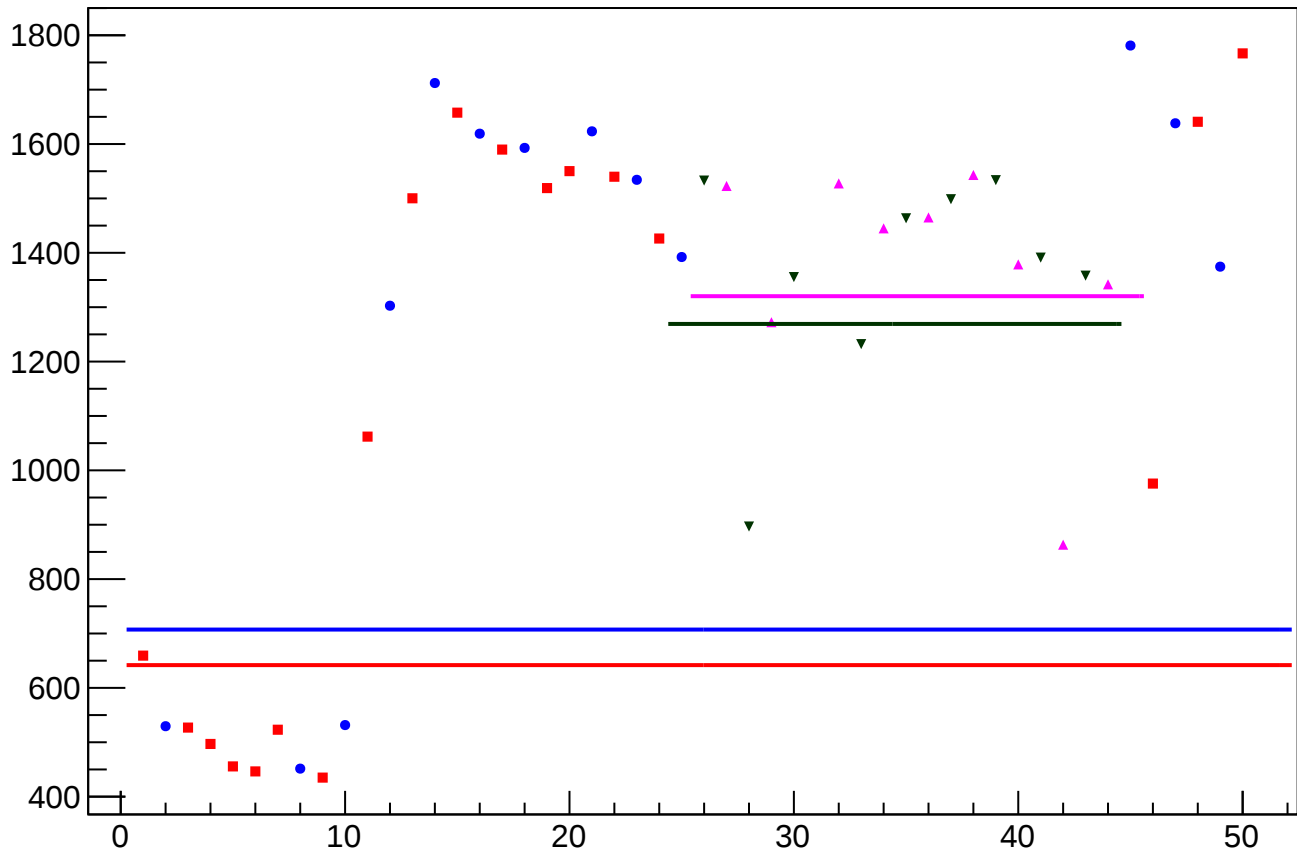
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

-399.486+/-172.849 χ^2/NDF : 76.8/48

Right Out: -711.663+/-255.756 χ^2/NDF : 35.6/17

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

asym_sam1_rms vs slug



Right In: 707.226 $\pm$ 0.201 χ^2 /NDF: 4442388.1/12

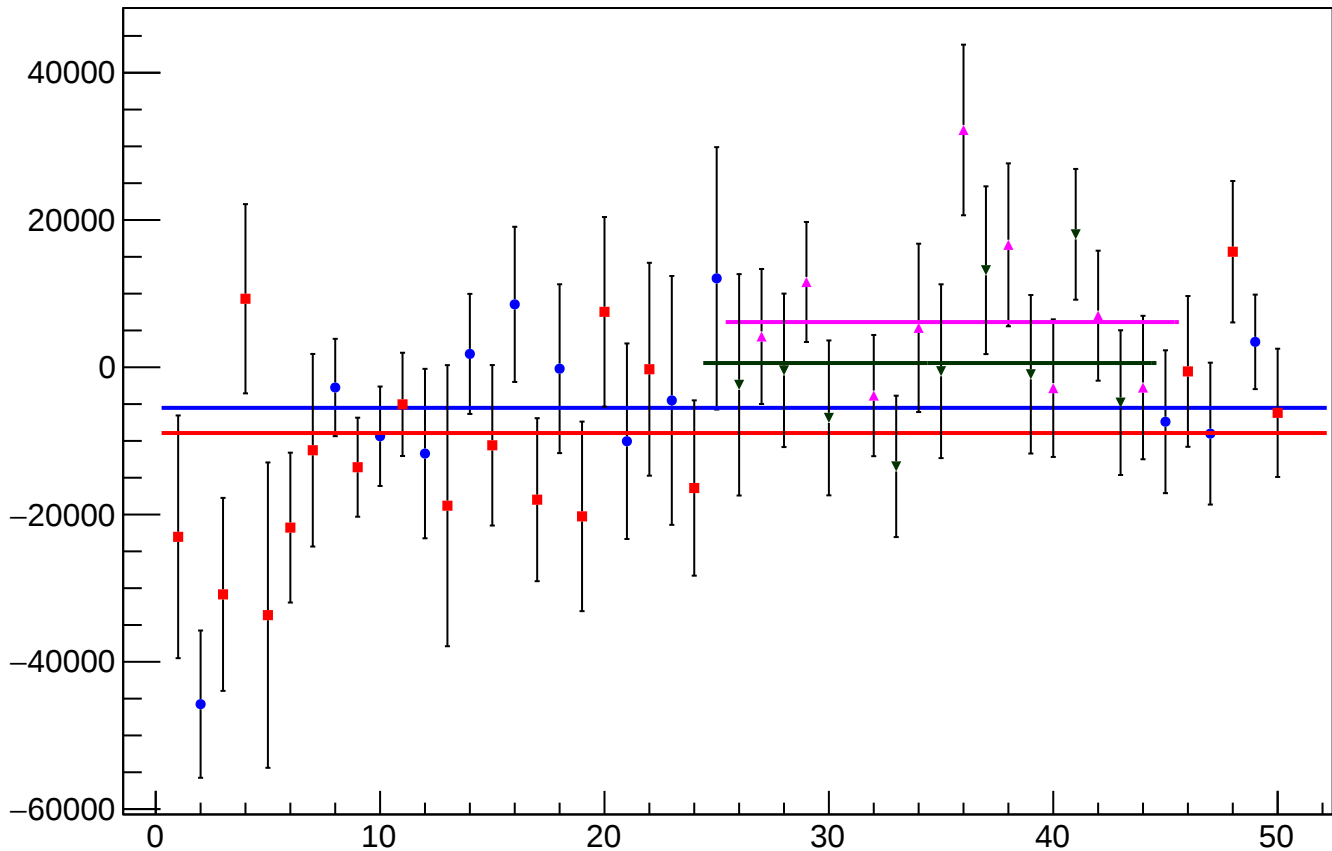
Left Out: 1269.198 $\pm$ 0.424 χ^2 /NDF: 324708.5/8

780.054 $\pm$ 0.122 χ^2 /NDF: 12983354.2/48

Right Out: 641.853 $\pm$ 0.181 χ^2 /NDF: 4043881.4/17

Left In: 1320.225 $\pm$ 0.405 χ^2 /NDF: 342760.5/8

asym_sam2_mean vs slug



Right In: -5511.217+/-2564.585 χ^2/NDF : 23.0/12

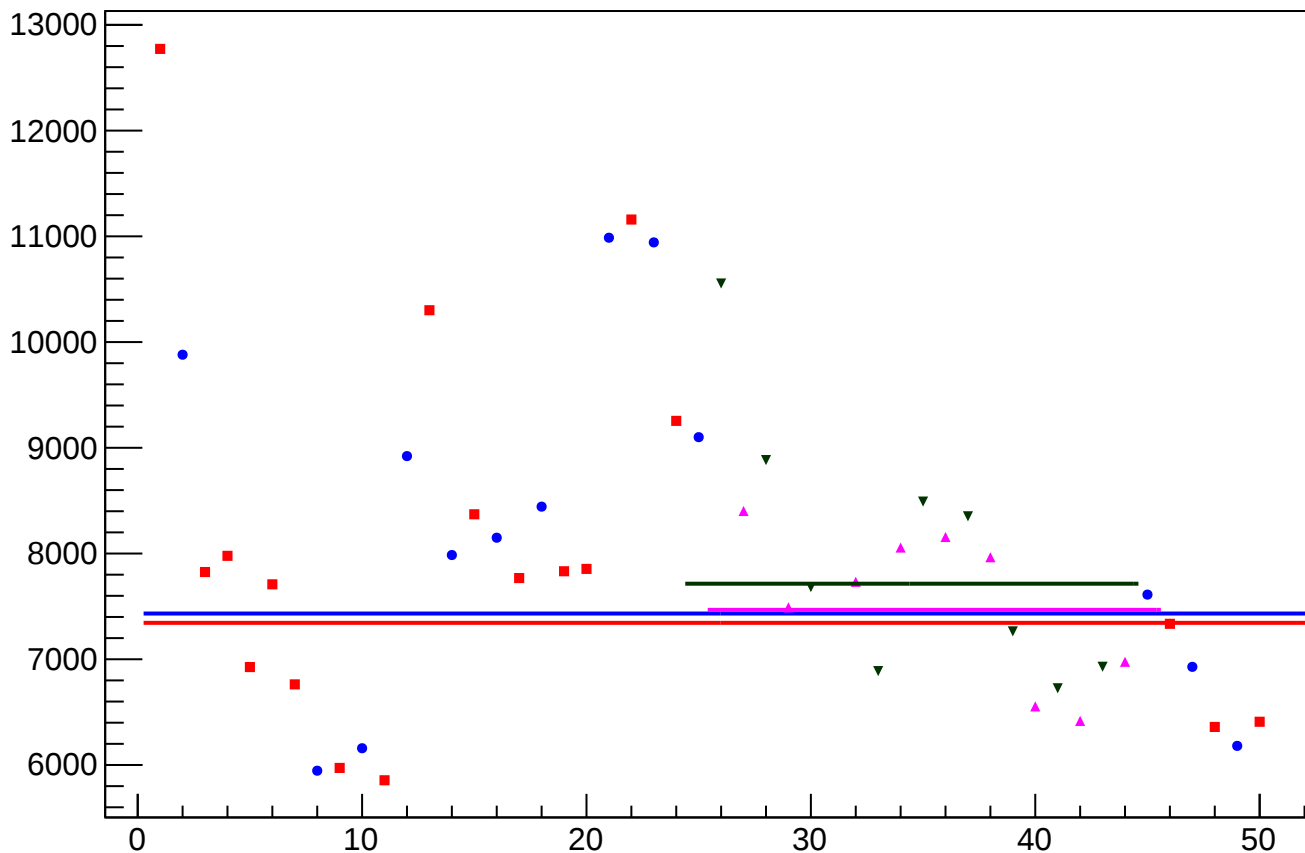
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

-3182.323+/-1436.508 χ^2/NDF : 77.3/48

Right Out: -8929.480+/-2559.371 χ^2/NDF : 20.8/17

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

asym_sam2_rms vs slug



Right In: 7432.581+/-1.813 χ^2/NDF : 689075.1/12

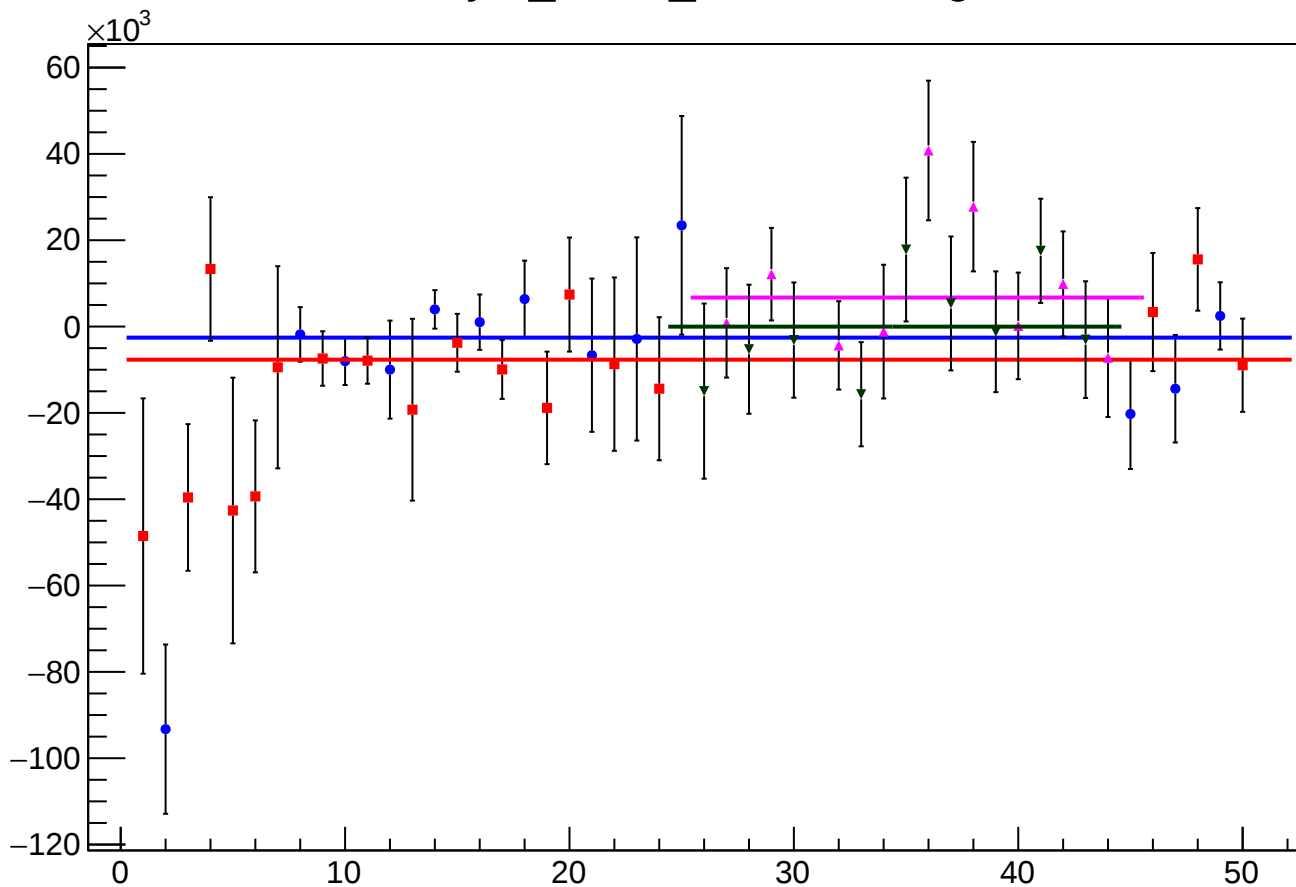
Left Out: 7714.631+/-2.499 χ^2/NDF : 167394.8/8

Right Out: 7344.491+/-1.810 χ^2/NDF : 714945.8/17

Left In: 7467.205+/-2.238 χ^2/NDF : 91846.7/8

7458.571+/-1.016 χ^2/NDF : 1677957.5/48

asym_sam3_mean vs slug



Right In: -2561.833+/-2289.456 χ^2/NDF : 30.6/12

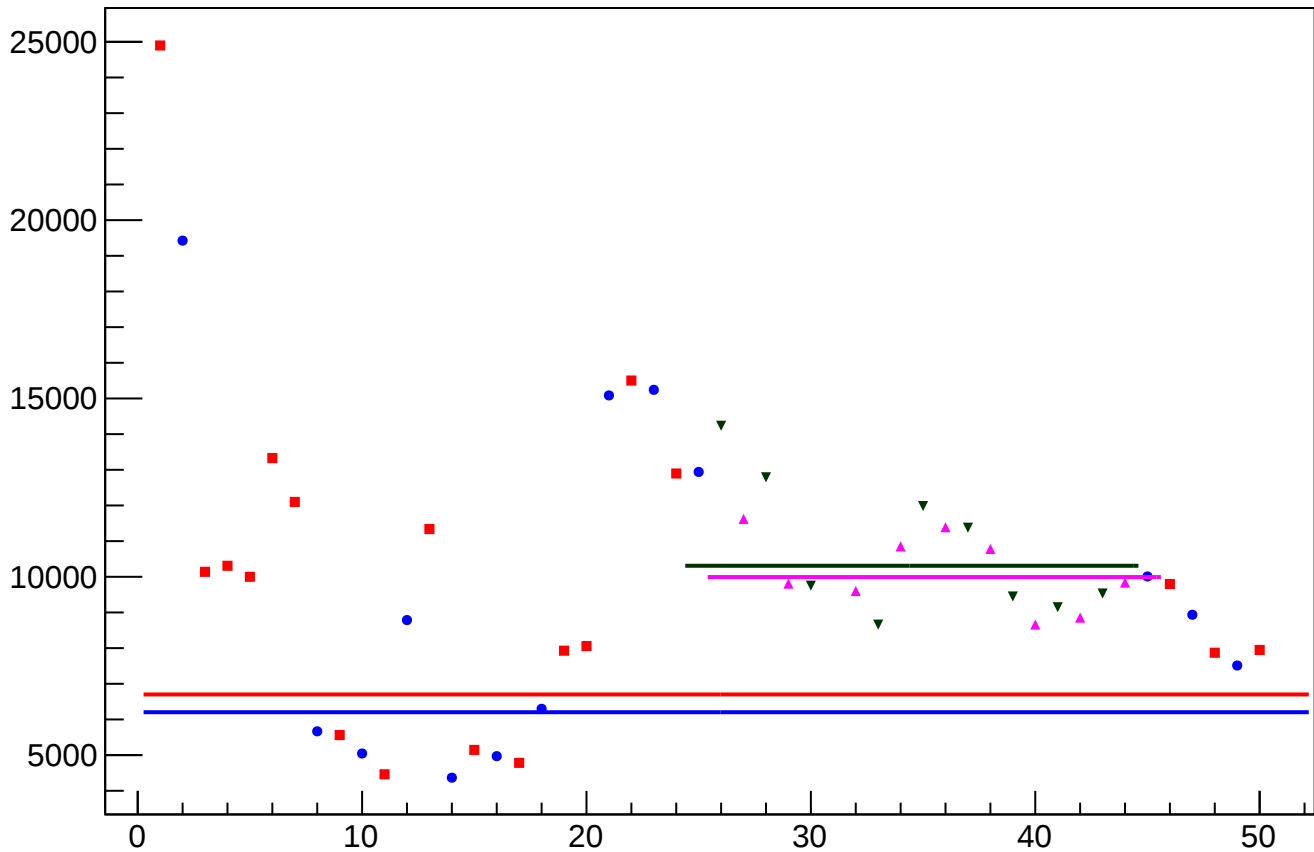
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

-2970.869+/-1490.736 χ^2/NDF : 74.1/48

Right Out: -7671.025+/-2507.025 χ^2/NDF : 18.8/17

Left In: 6722.901+/-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

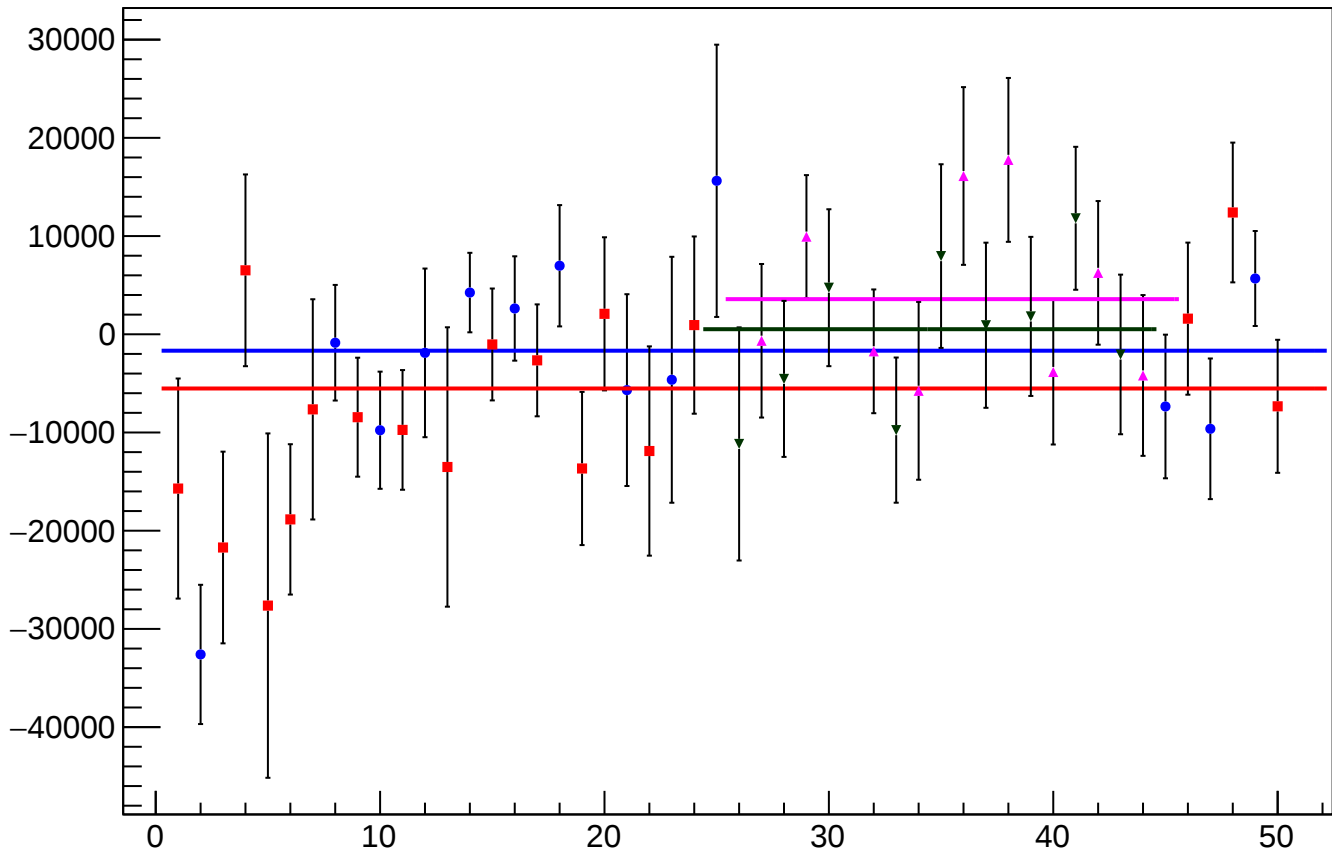
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

7253.422+/-1.054 χ^2/NDF : 8188139.8/48

Right Out: 6701.024+/-1.773 χ^2/NDF : 2870623.3/17

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -1672.000 ± 1778.399 $\chi^2/\text{NDF}: 31.6/12$

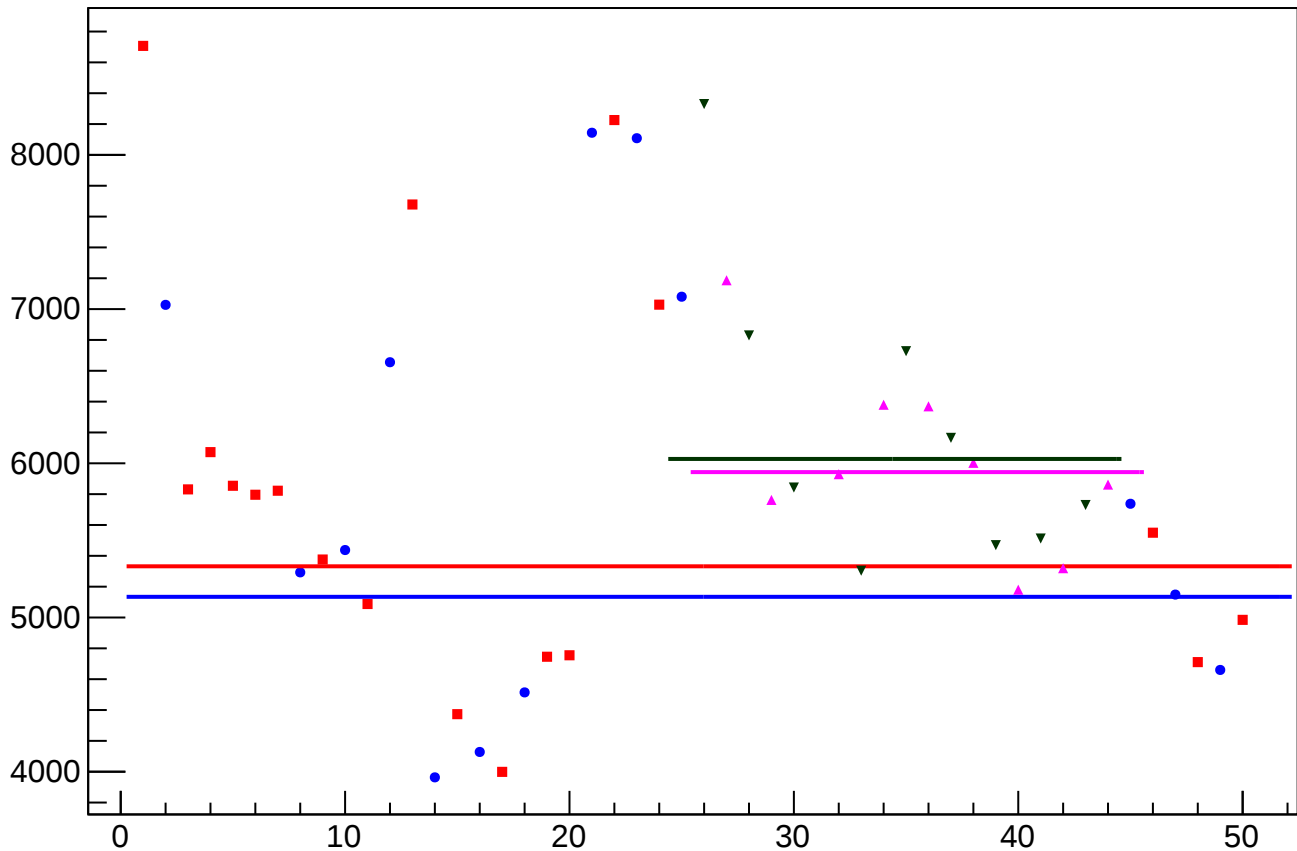
Left Out: 516.734 ± 2754.718 $\chi^2/\text{NDF}: 6.8/8$

-1672.351 ± 1056.492 $\chi^2/\text{NDF}: 79.4/48$

Right Out: -5520.432 ± 1856.314 $\chi^2/\text{NDF}: 21.8/17$

Left In: 3577.200 ± 2517.750 $\chi^2/\text{NDF}: 10.0/8$

asym_sam4_rms vs slug



Right In: 5134.137+/-1.258 χ^2/NDF : 846487.6/12

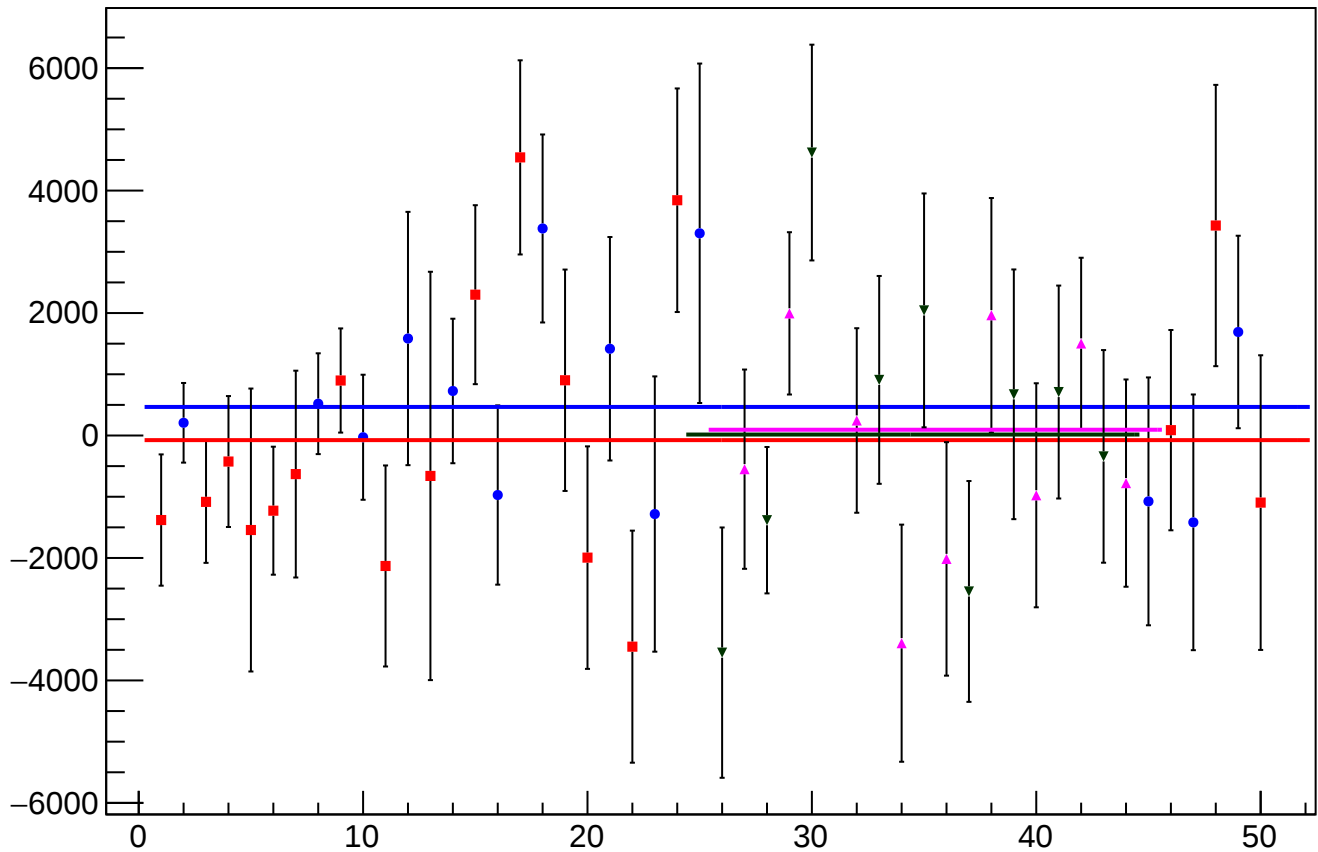
Left Out: 6028.268+/-1.948 χ^2/NDF :149820.8/8

5472.153+/-0.747 χ^2/NDF : 2026518.7/48

Right Out: 5332.020+/-1.313 χ^2/NDF : 697587.0/17

Left In: 5942.882+/-1.780 χ^2/NDF :97554.4/8

asym_sam5_mean vs slug



Right In: 466.538+/-350.339 χ^2/NDF : 9.2/12

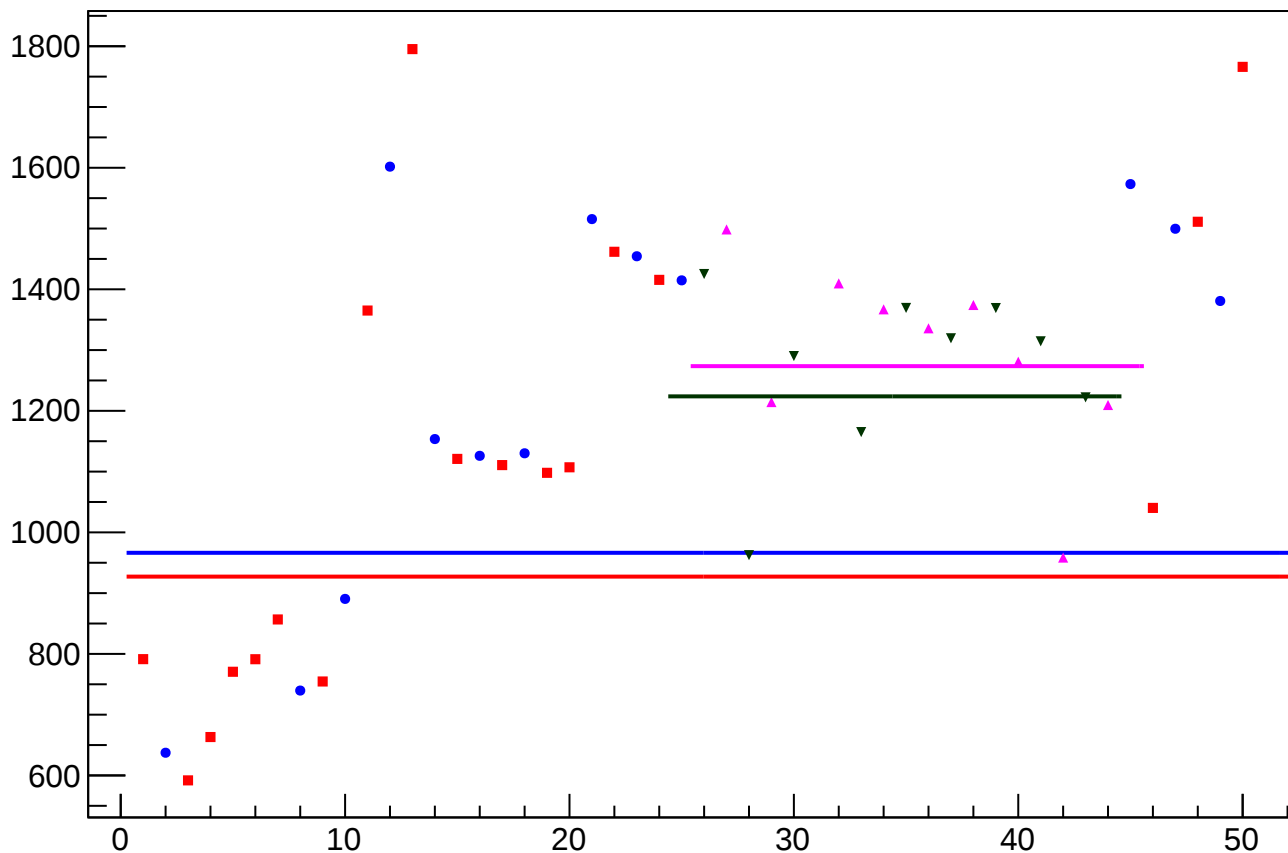
Left Out: 15.632+/-568.606 χ^2/NDF :15.0/8

Right Out: -75.482+/-336.366 χ^2/NDF : 30.1/17

Left In: 94.301+/-545.541 χ^2/NDF :9.3/8

149.289+/-206.553 χ^2/NDF : 64.9/48

asym_sam5_rms vs slug



Right In: 966.377+/-0.248 χ^2/NDF : 1736966.8/12

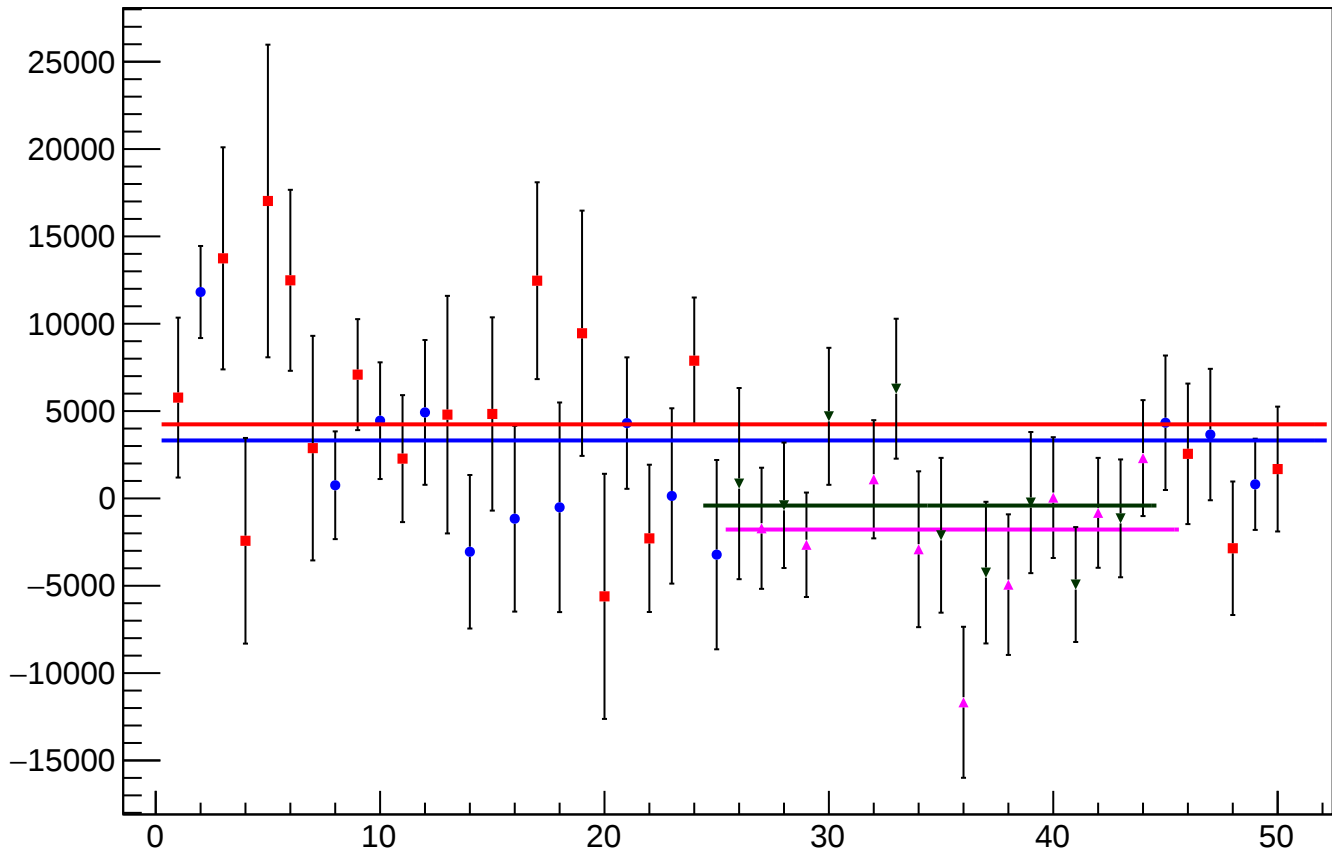
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 927.202+/-0.238 χ^2/NDF : 1570926.1/17

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

1029.609+/-0.146 χ^2/NDF : 4519640.0/48

asym_sam6_mean vs slug



Right In: 3318.246+/-1030.805 χ^2/NDF : 17.5/12

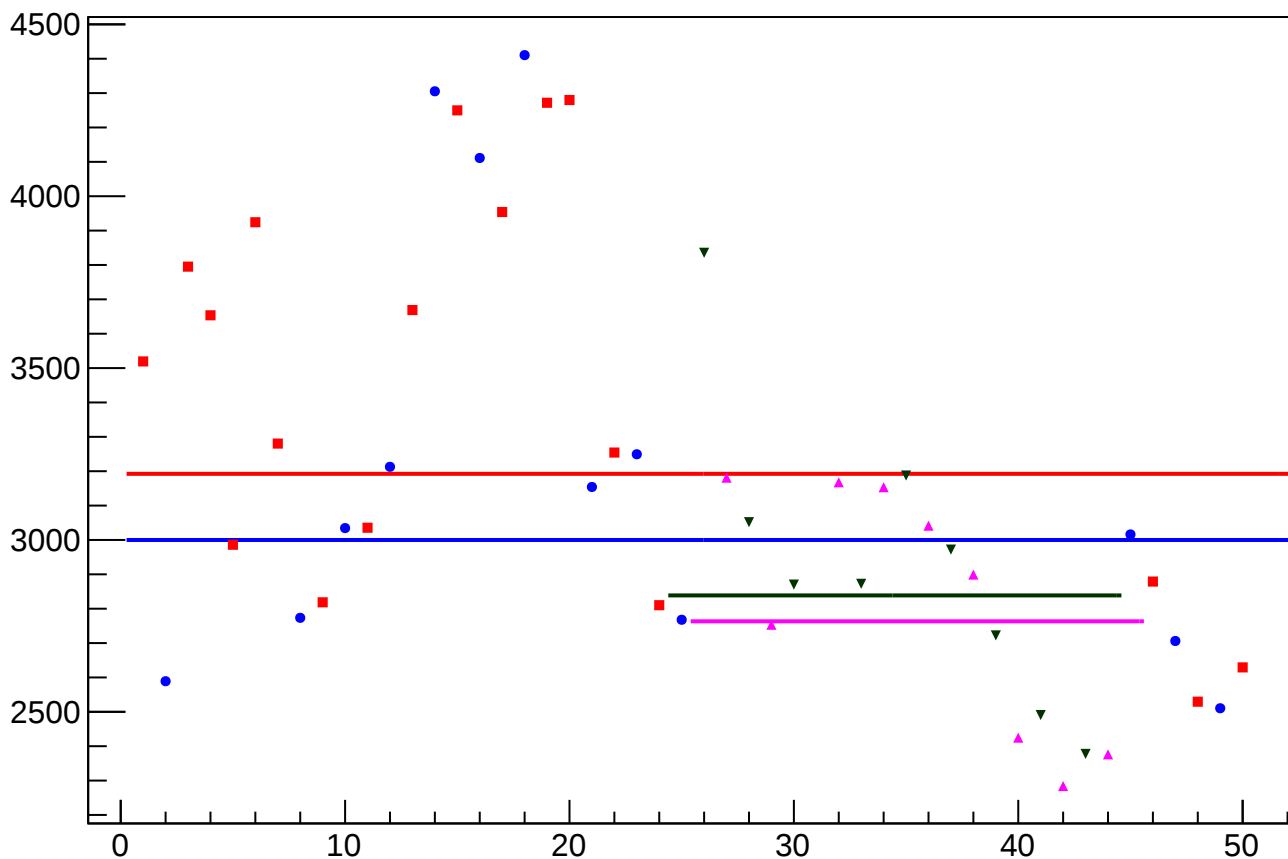
Left Out: -408.383+/-1299.964 χ^2/NDF : 7.5/8

1646.181+/-570.355 χ^2/NDF : 74.3/48

Right Out: 4240.759+/-1105.828 χ^2/NDF : 21.6/17

Left In: -1781.426+/-1175.729 χ^2/NDF : 8.6/8

asym_sam6_rms vs slug



Right In: 2999.923+/-0.729 χ^2/NDF : 533703.5/12

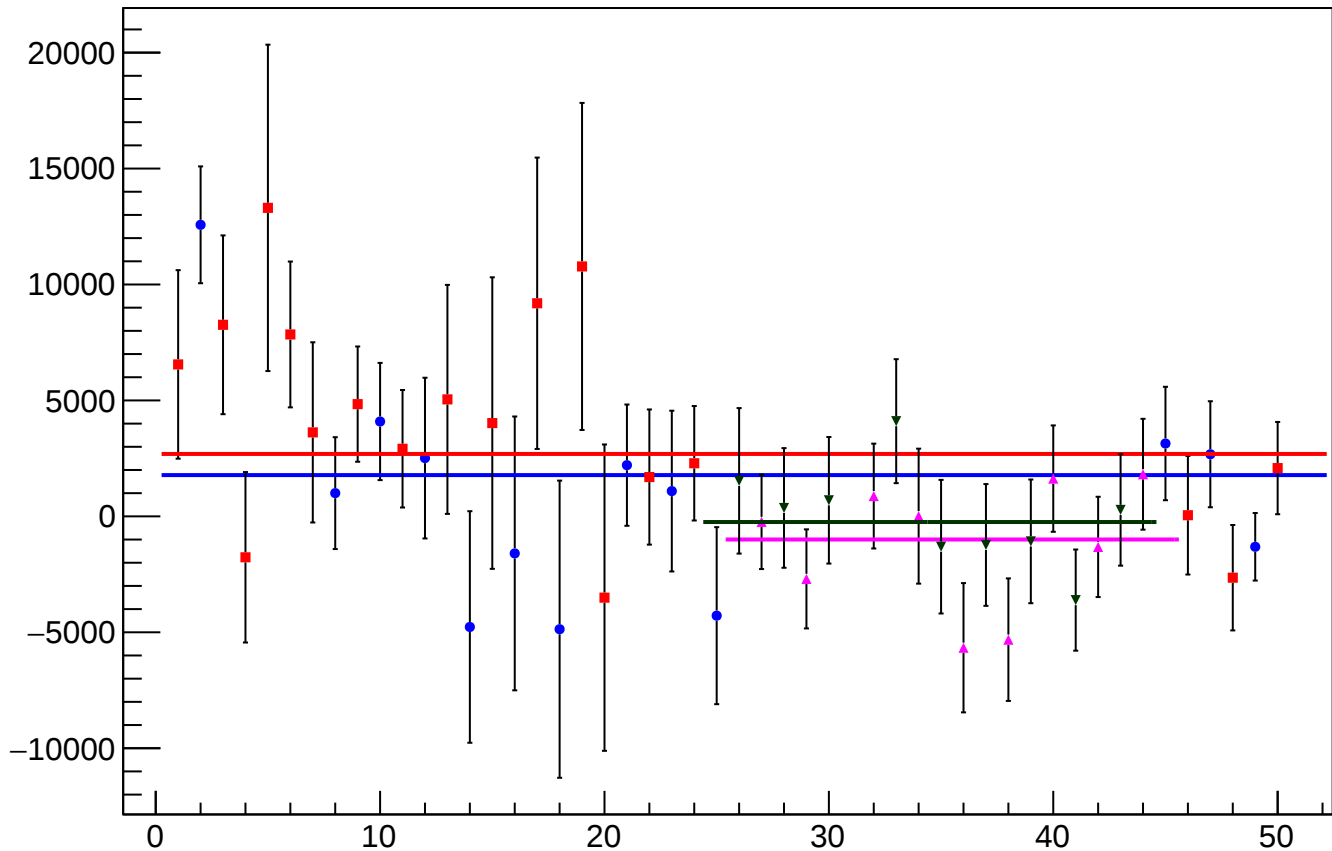
Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

Right Out: 3192.391+/-0.782 χ^2/NDF : 472766.8/17

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

2964.411+/-0.403 χ^2/NDF : 1497006.7/48

asym_sam7_mean vs slug



Right In: 1779.837 $\pm$ 747.393 χ^2 /NDF: 30.0/12

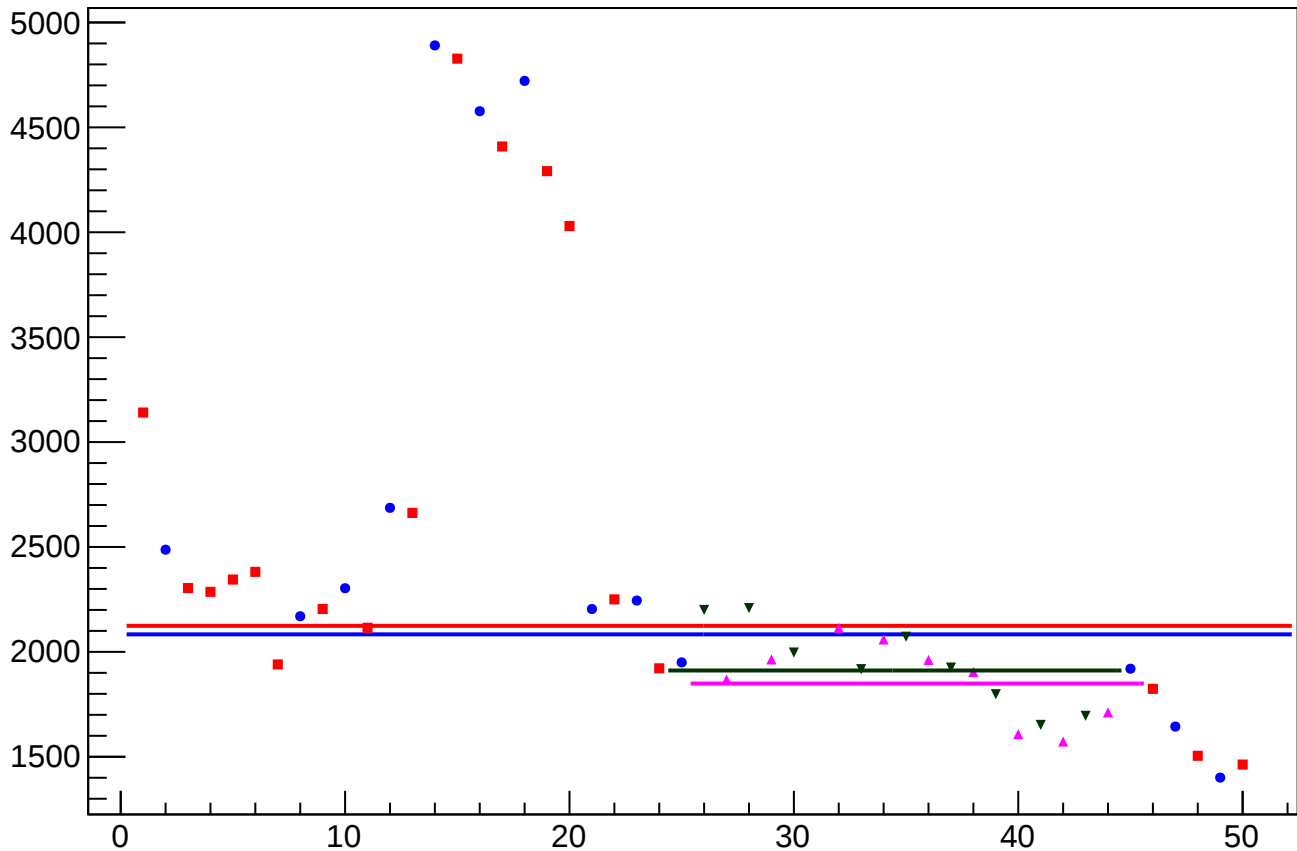
Left Out: -244.491 $\pm$ 871.961 χ^2 /NDF:5.9/8

911.185 $\pm$ 393.664 χ^2 /NDF: 80.8/48

Right Out: 2691.601 $\pm$ 761.986 χ^2 /NDF: 20.6/17

Left In: -997.335 $\pm$ 784.451 χ^2 /NDF:9.8/8

asym_sam7_rms vs slug



Right In: 2083.536+/-0.528 χ^2/NDF : 1990375.4/12

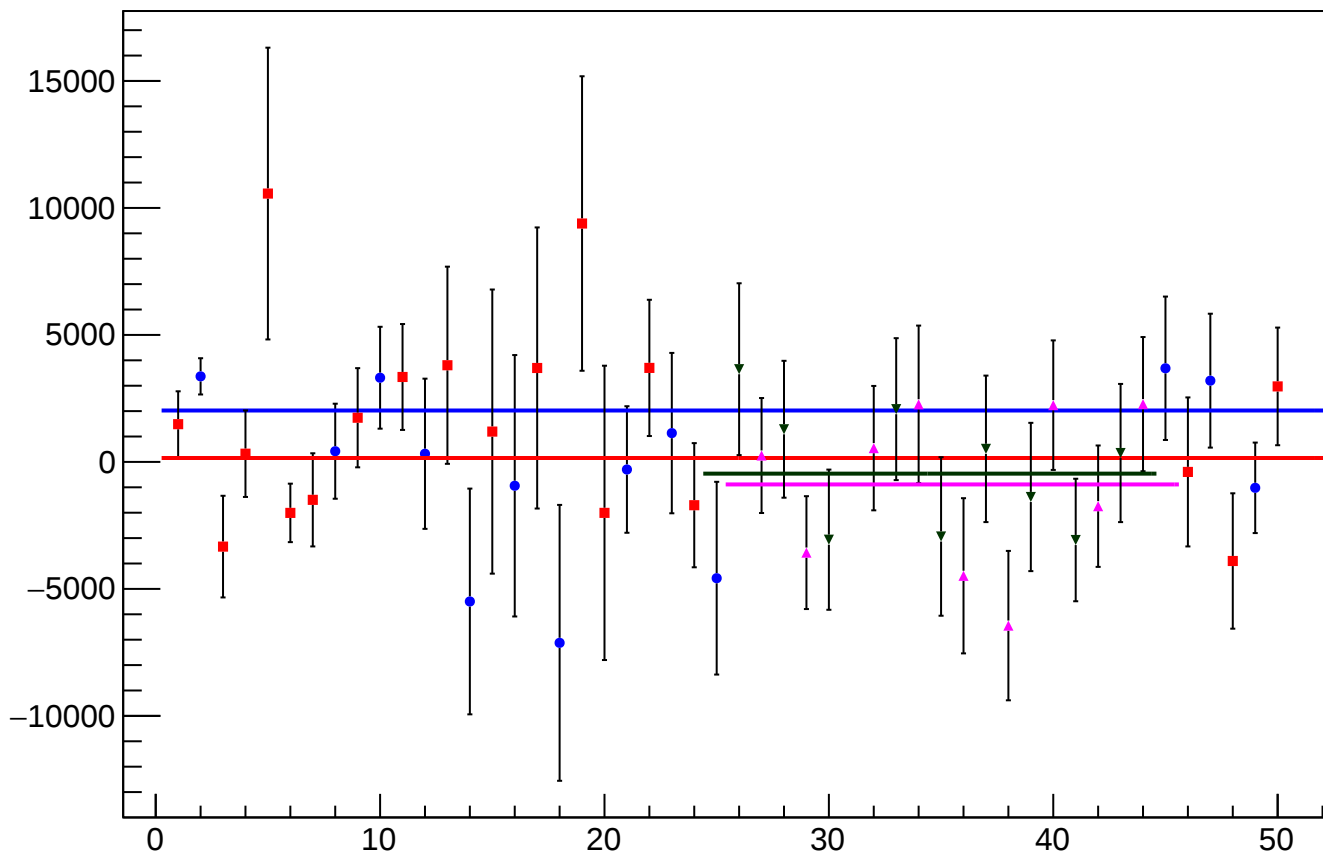
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

2000.218+/-0.278 χ^2/NDF : 3954961.1/48

Right Out: 2124.144+/-0.539 χ^2/NDF : 1582496.2/17

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

asym_sam8_mean vs slug



Right In: 2024.412 ± 523.529 χ^2/NDF : 18.5/12

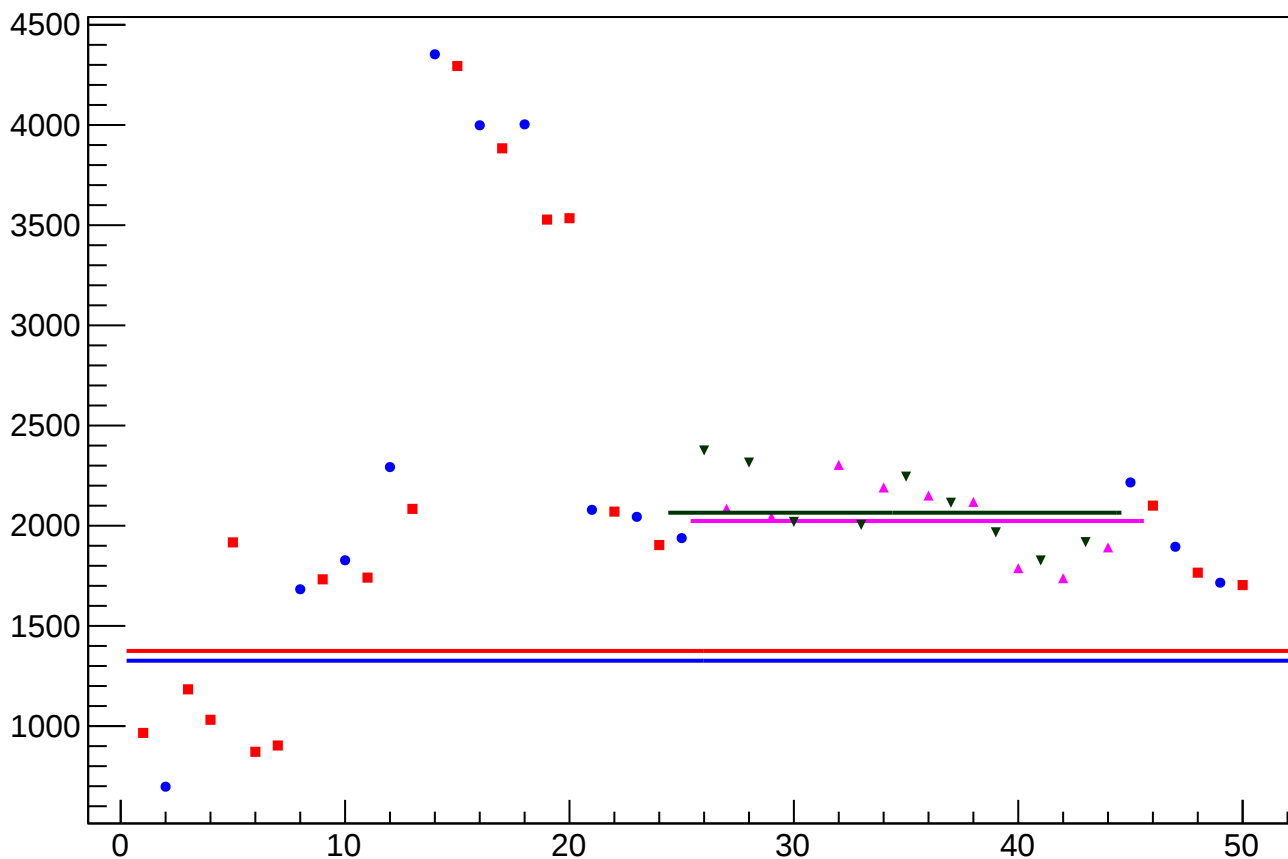
Left Out: -461.681 ± 939.996 χ^2/NDF : 5.7/8

Right Out: 154.312 ± 519.493 χ^2/NDF : 24.9/17

Left In: -886.546 ± 856.447 χ^2/NDF : 11.1/8

632.221 ± 318.642 χ^2/NDF : 72.6/48

asym_sam8_rms vs slug



Right In: 1326.259+/-0.370 χ^2/NDF : 4640767.2/12

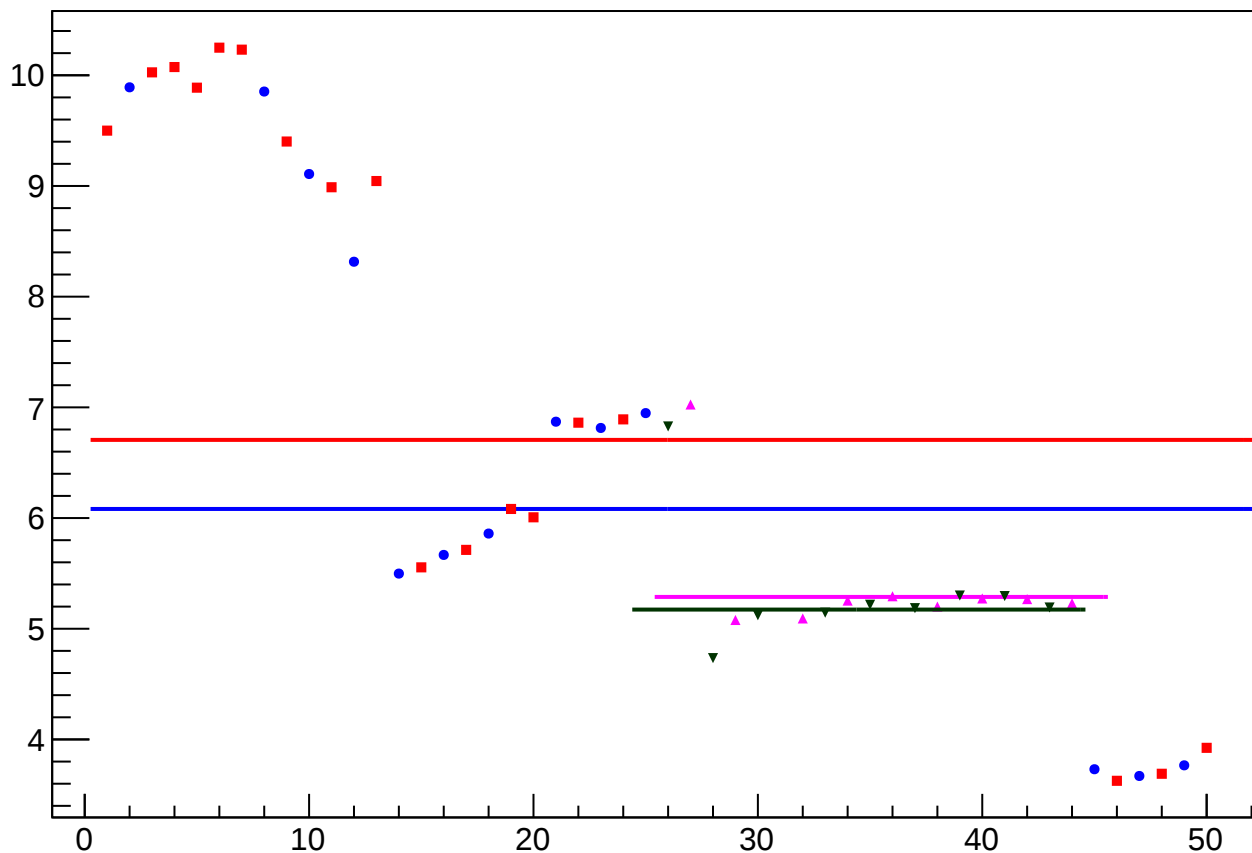
Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

Right Out: 1375.094+/-0.367 χ^2/NDF : 2970254.0/17

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

1526.030+/-0.225 χ^2/NDF : 9563505.9/48

yield_sam1_mean vs slug



Right In: 6.082+/-0.000 χ^2/NDF : 140618718891.8/12

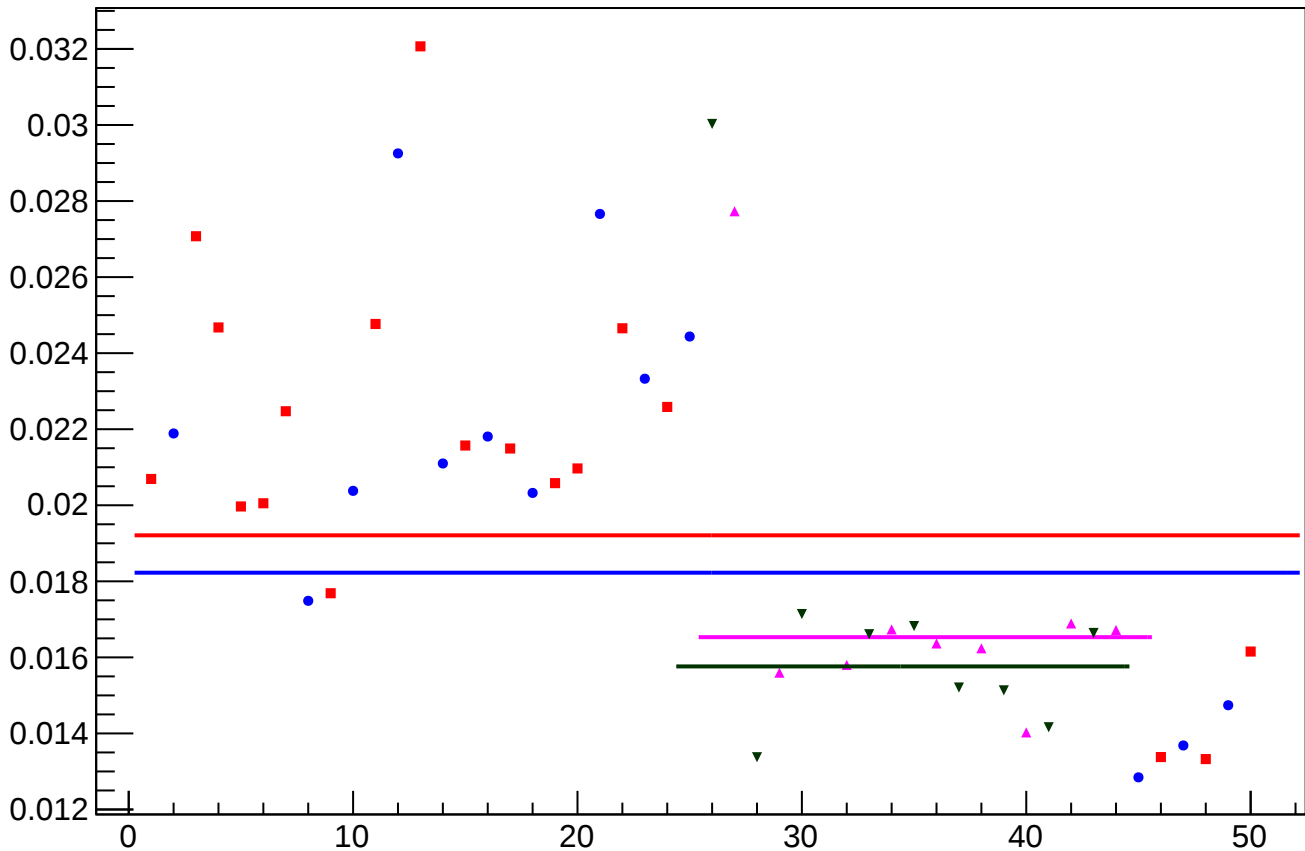
Left Out: 5.173+/-0.000 χ^2/NDF : 2171910592.0/8

Right Out: 6.706+/-0.000 χ^2/NDF : 133905830418.9/17

Left In: 5.287+/-0.000 χ^2/NDF : 3281290033.8/8

5.855+/-0.000 χ^2/NDF : 310662895920.0/48

yield_sam1_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 940646.8/12

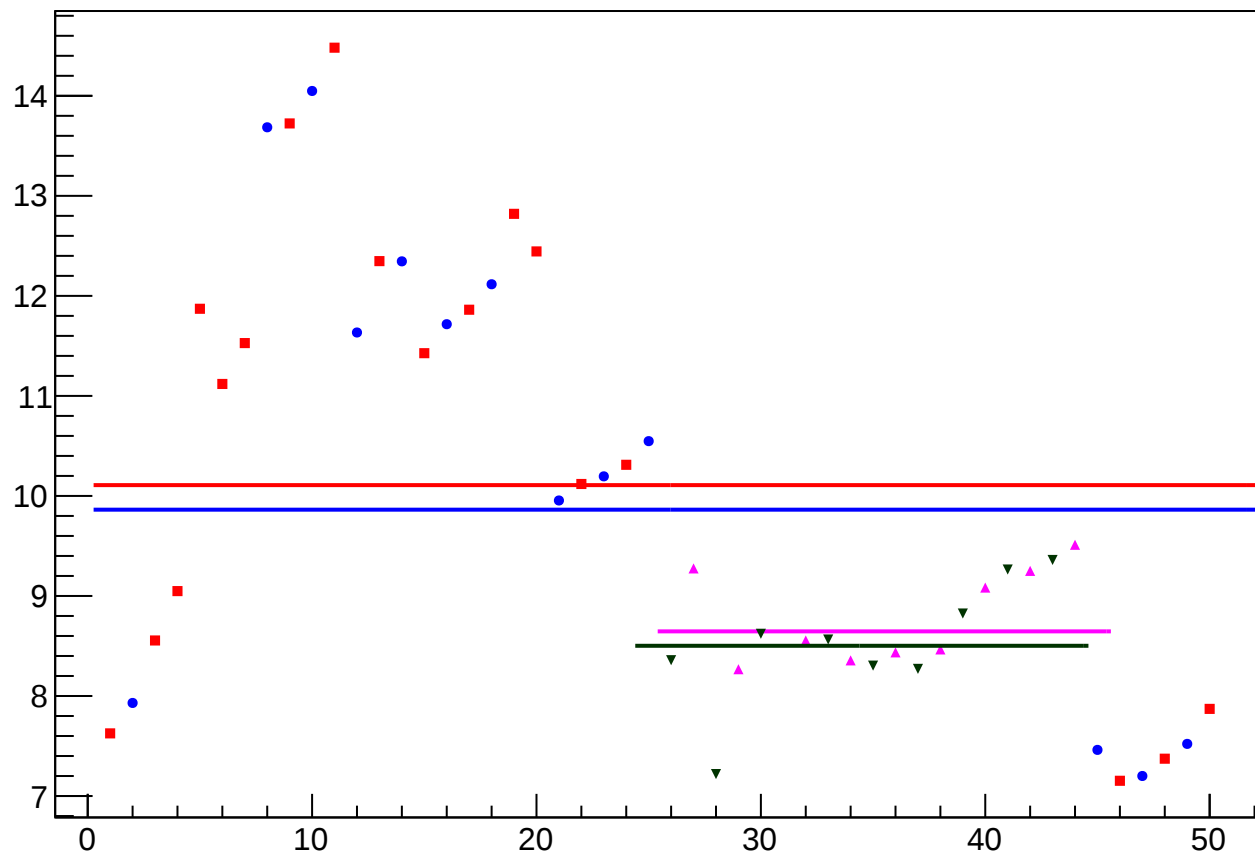
Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

0.018+/-0.000 χ^2/NDF : 2565391.0/48

Right Out: 0.019+/-0.000 χ^2/NDF : 759898.1/17

Left In: 0.017+/-0.000 χ^2/NDF : 288822.9/8

yield_sam2_mean vs slug



Right In: 9.863+/-0.000 χ^2/NDF : 2307612496.9/12

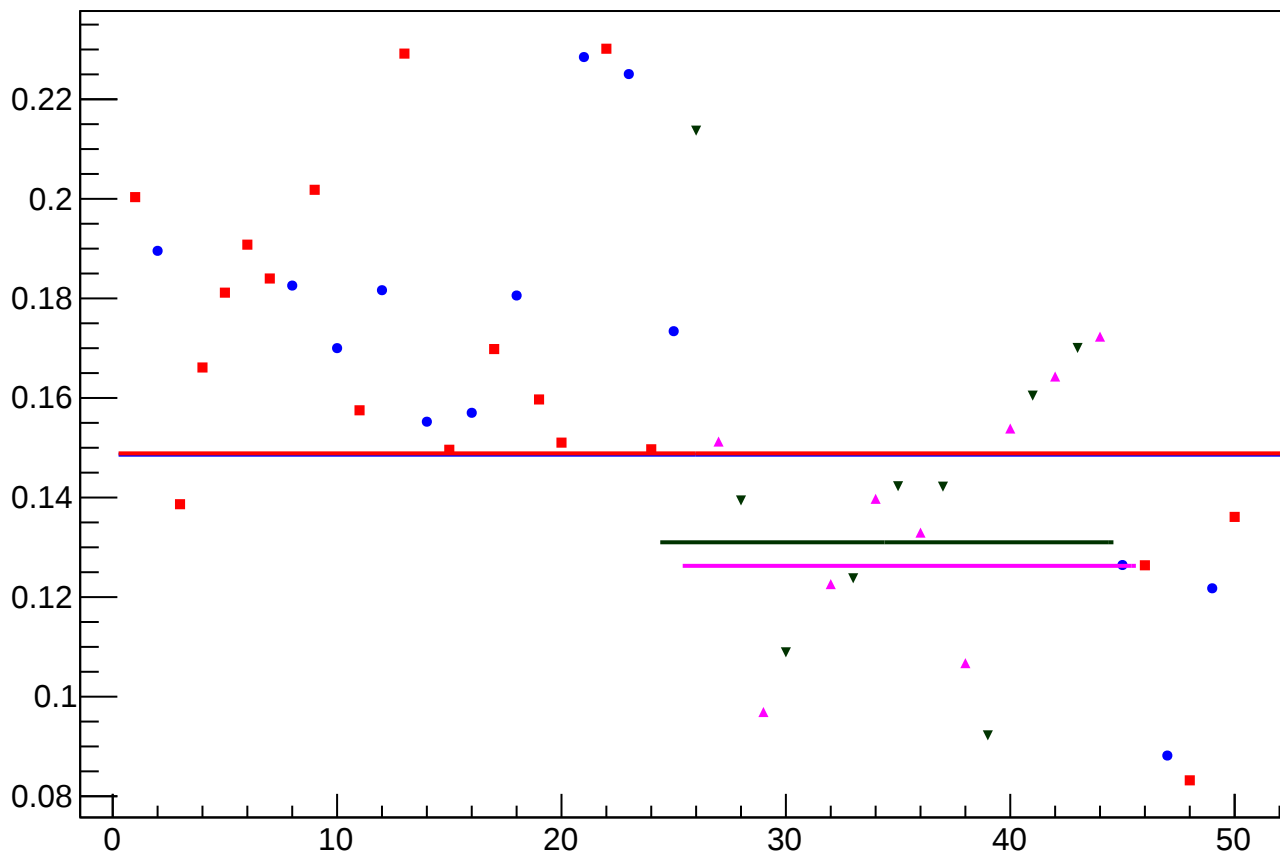
Left Out: 8.502+/-0.000 χ^2/NDF : 87030324.5/8

Right Out: 10.108+/-0.000 χ^2/NDF : 2065172048.1/17

Left In: 8.646+/-0.000 χ^2/NDF : 53831868.3/8

9.349+/-0.000 χ^2/NDF : 5143955993.1/48

yield_sam2_rms vs slug



Right In: 0.149+/-0.000 χ^2/NDF : 1048836.1/12

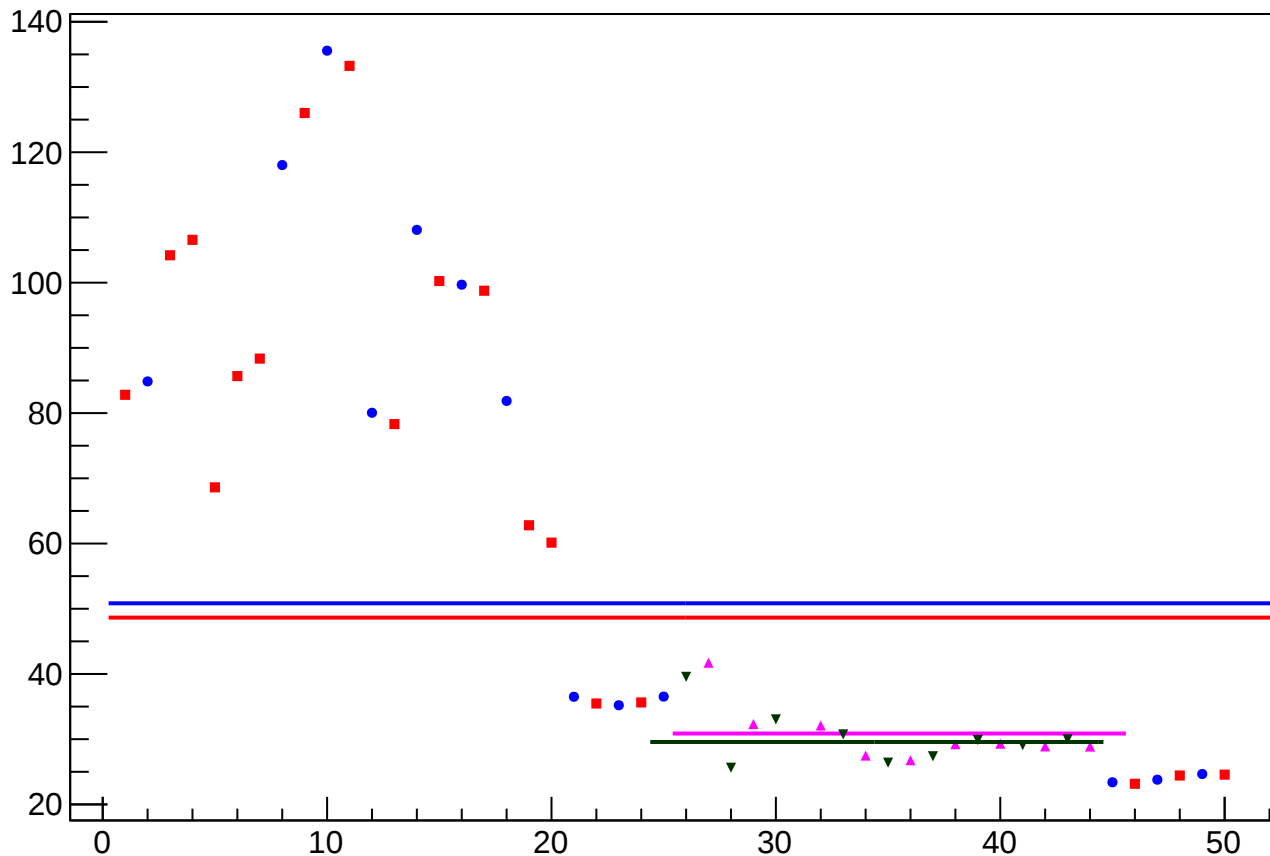
Left Out: 0.131+/-0.000 χ^2/NDF : 439839.4/8

Right Out: 0.149+/-0.000 χ^2/NDF : 1044749.7/17

Left In: 0.126+/-0.000 χ^2/NDF : 385330.3/8

0.140+/-0.000 χ^2/NDF : 3185658.1/48

yield_sam3_mean vs slug



Right In: 50.836+/-0.000 χ^2 /NDF: 20650977365.4/12

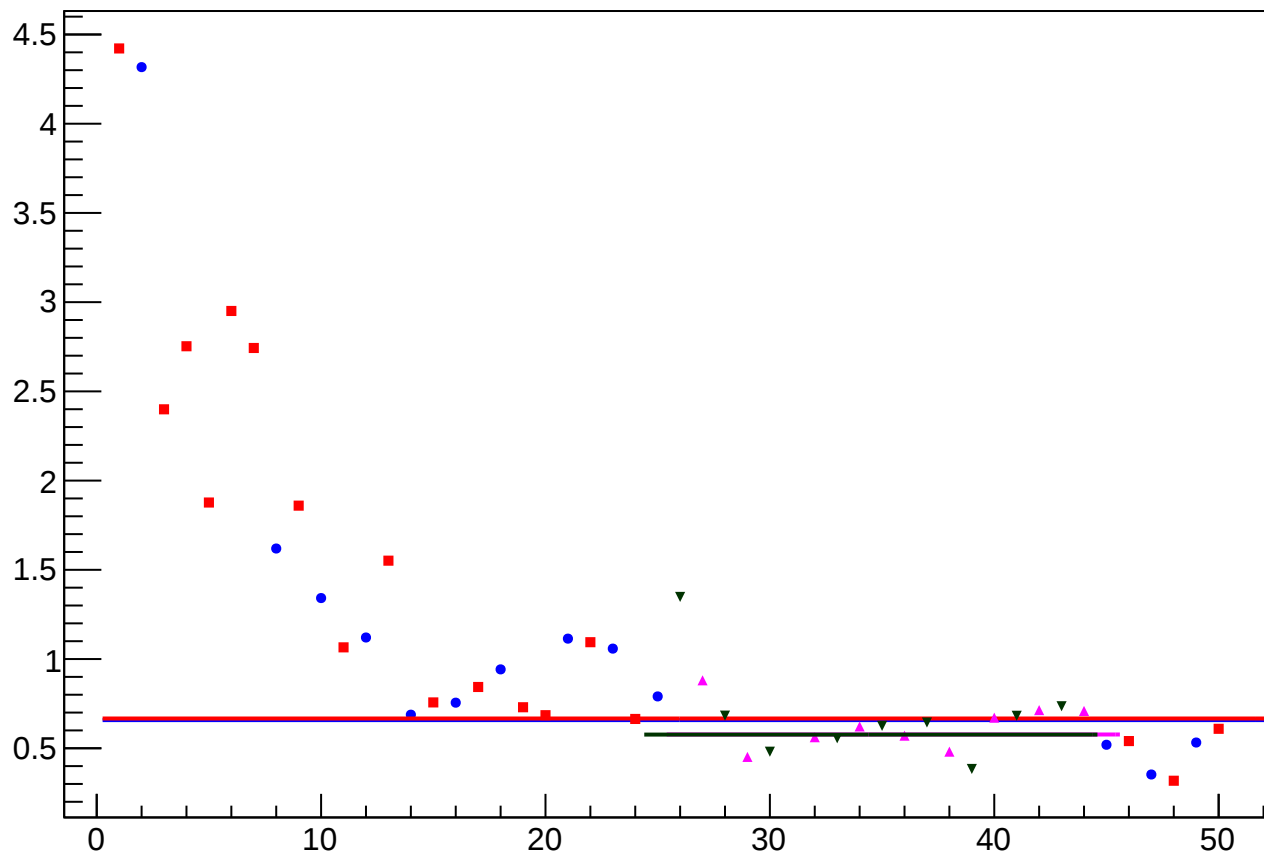
Left Out: 29.571+/-0.000 χ^2 /NDF:93290313.8/8

Right Out: 48.643+/-0.000 χ^2 /NDF: 15100438091.8/17

Left In: 30.869+/-0.000 χ^2 /NDF:179537266.9/8

39.982+/-0.000 χ^2 /NDF: 41324134412.9/48

yield_sam3_rms vs slug



Right In: 0.658+/-0.000 χ^2/NDF : 3808085.6/12

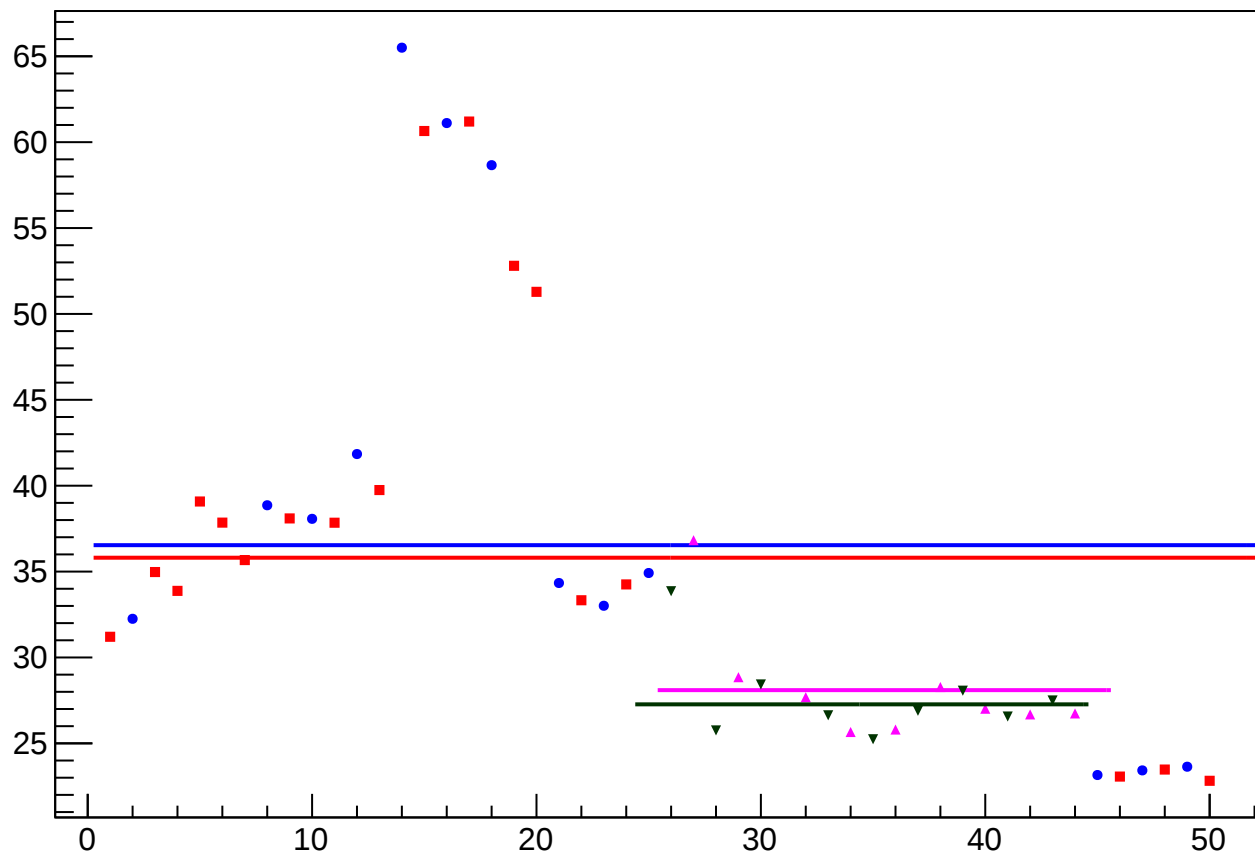
Left Out: 0.577+/-0.000 χ^2/NDF : 676625.4/8

Right Out: 0.667+/-0.000 χ^2/NDF : 4770517.1/17

Left In: 0.577+/-0.000 χ^2/NDF : 428935.9/8

0.619+/-0.000 χ^2/NDF : 9884328.9/48

yield_sam4_mean vs slug



Right In: 36.538+/-0.000 χ^2/NDF : 13811671998.3/12

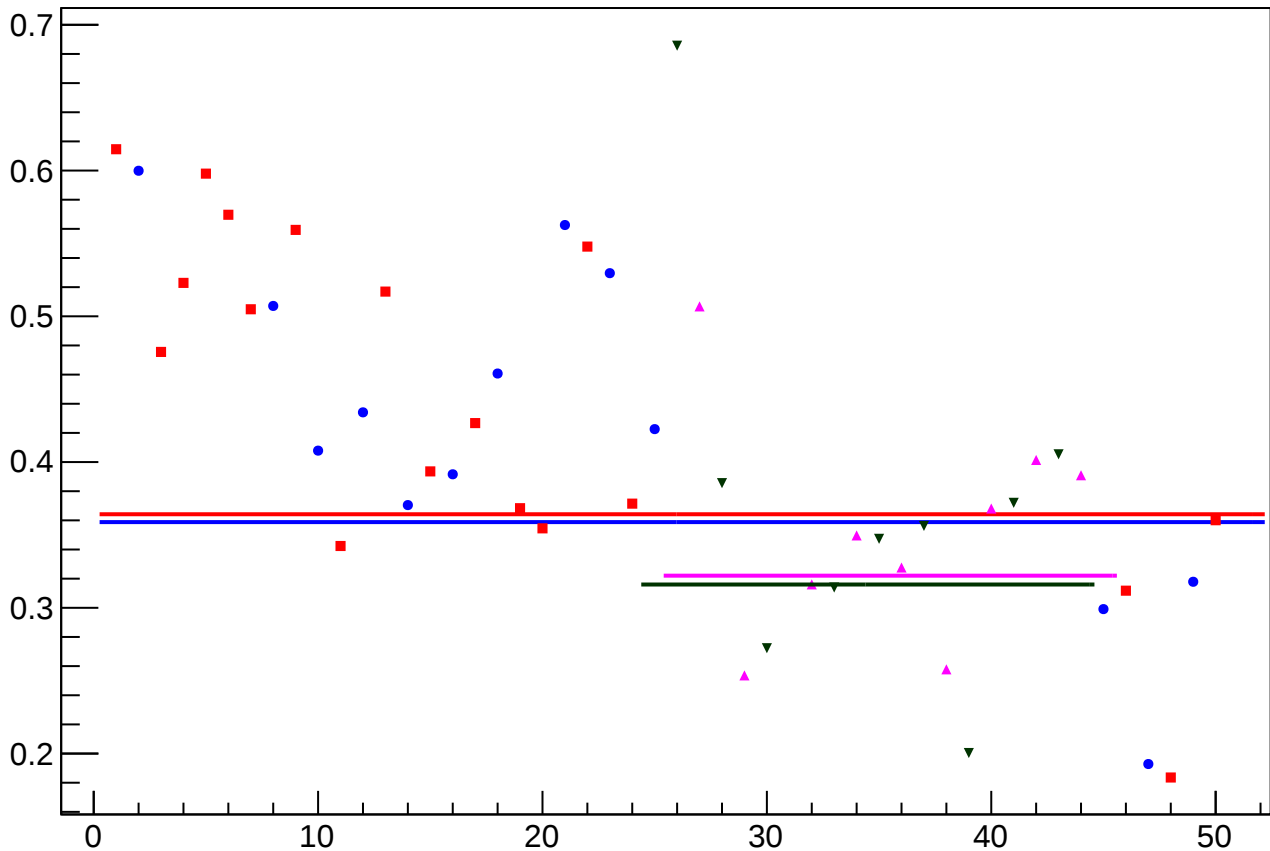
Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

Right Out: 35.808+/-0.000 χ^2/NDF : 8705836003.7/17

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

32.377+/-0.000 χ^2/NDF : 26539121869.3/48

yield_sam4_rms vs slug



Right In: 0.359+/-0.000 χ^2/NDF : 1564227.1/12

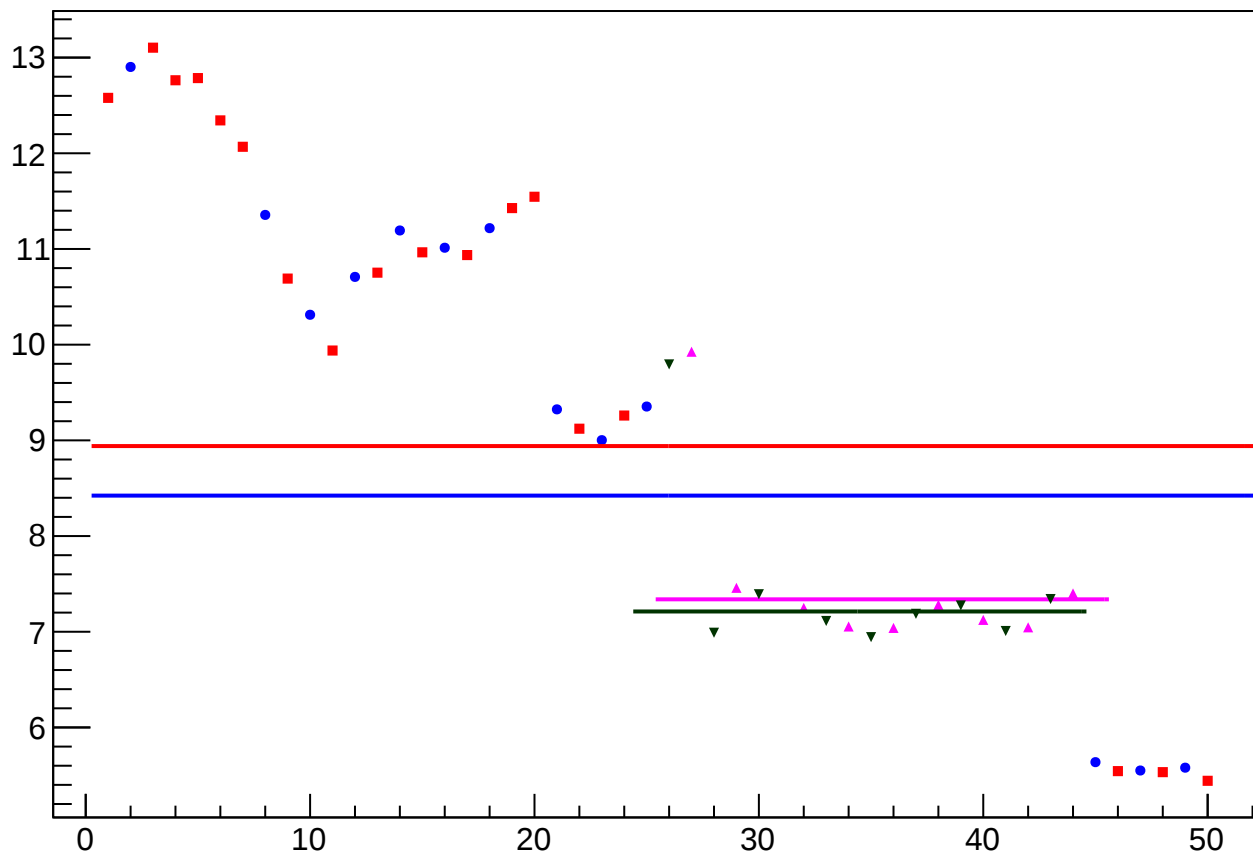
Left Out: 0.316+/-0.000 χ^2/NDF : 714939.2/8

0.342+/-0.000 χ^2/NDF : 4617321.7/48

Right Out: 0.364+/-0.000 χ^2/NDF : 1694480.4/17

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

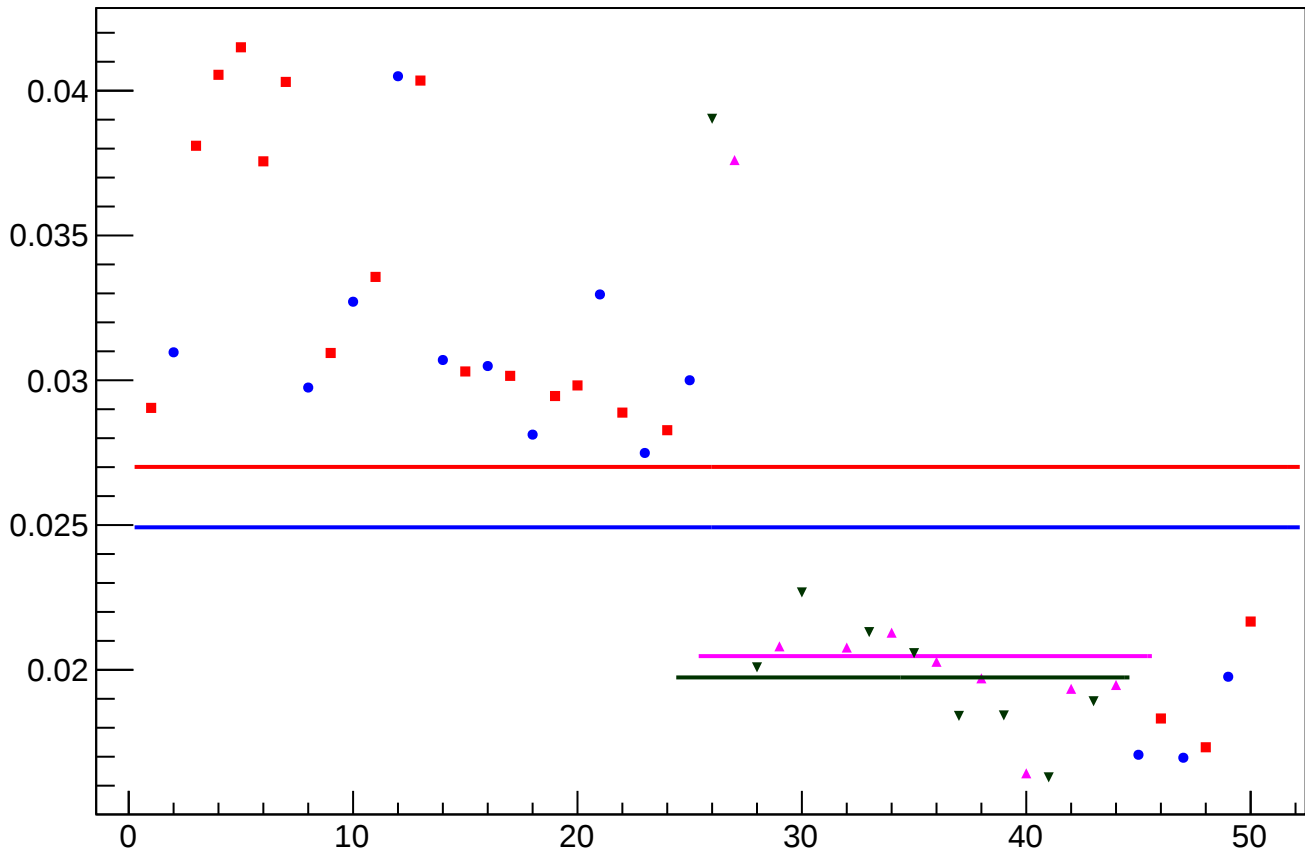
Left Out: 7.212+/-0.000 χ^2/NDF : 2423843108.1/8

Right Out: 8.940+/-0.000 χ^2/NDF : 80748211897.4/17

Left In: 7.339+/-0.000 χ^2/NDF : 4002198010.6/8

7.953+/-0.000 χ^2/NDF : 206318777636.5/48

yield_sam5_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 1159261.3/12

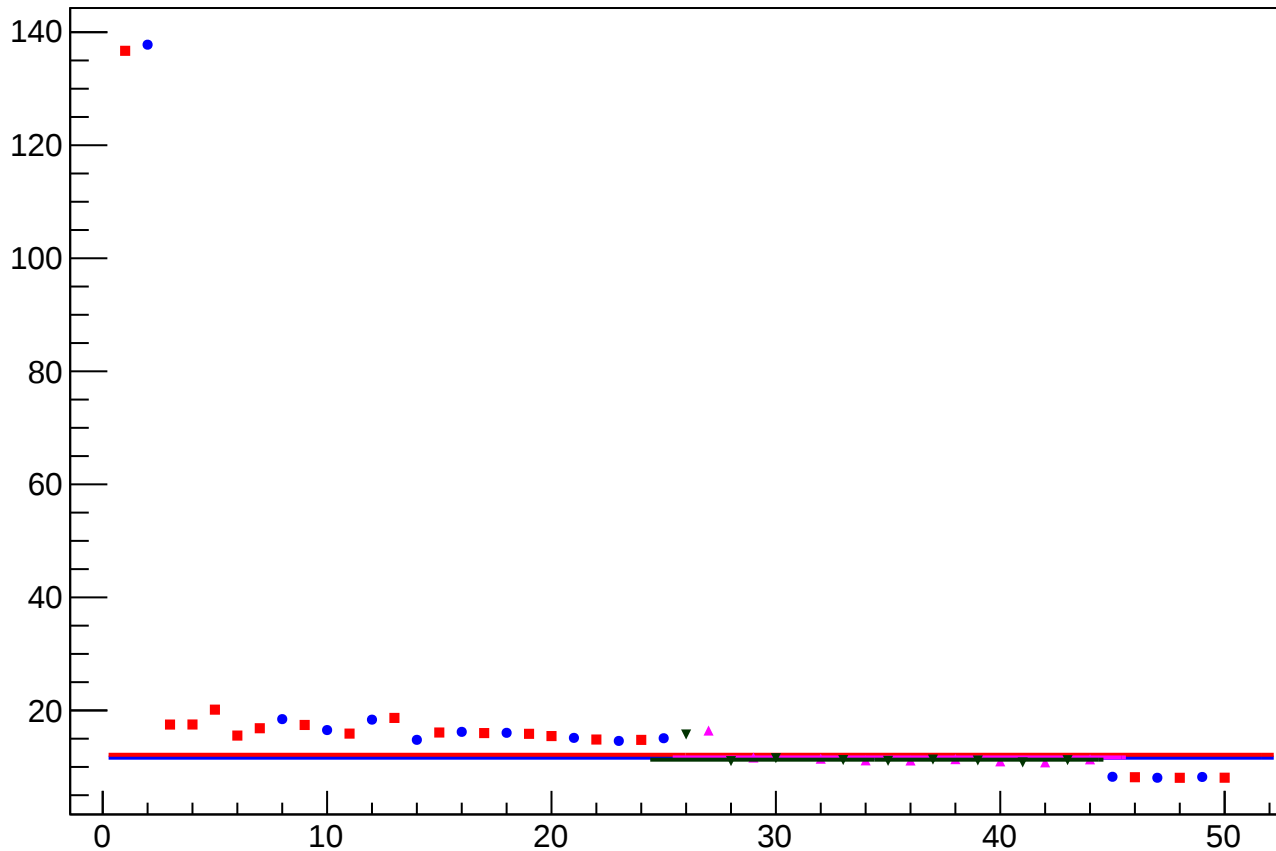
Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

Right Out: 0.027+/-0.000 χ^2/NDF : 1016256.0/17

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

0.023+/-0.000 χ^2/NDF : 3701177.8/48

yield_sam6_mean vs slug



Right In: 11.637+/-0.000 χ^2/NDF : 38461152990.4/12

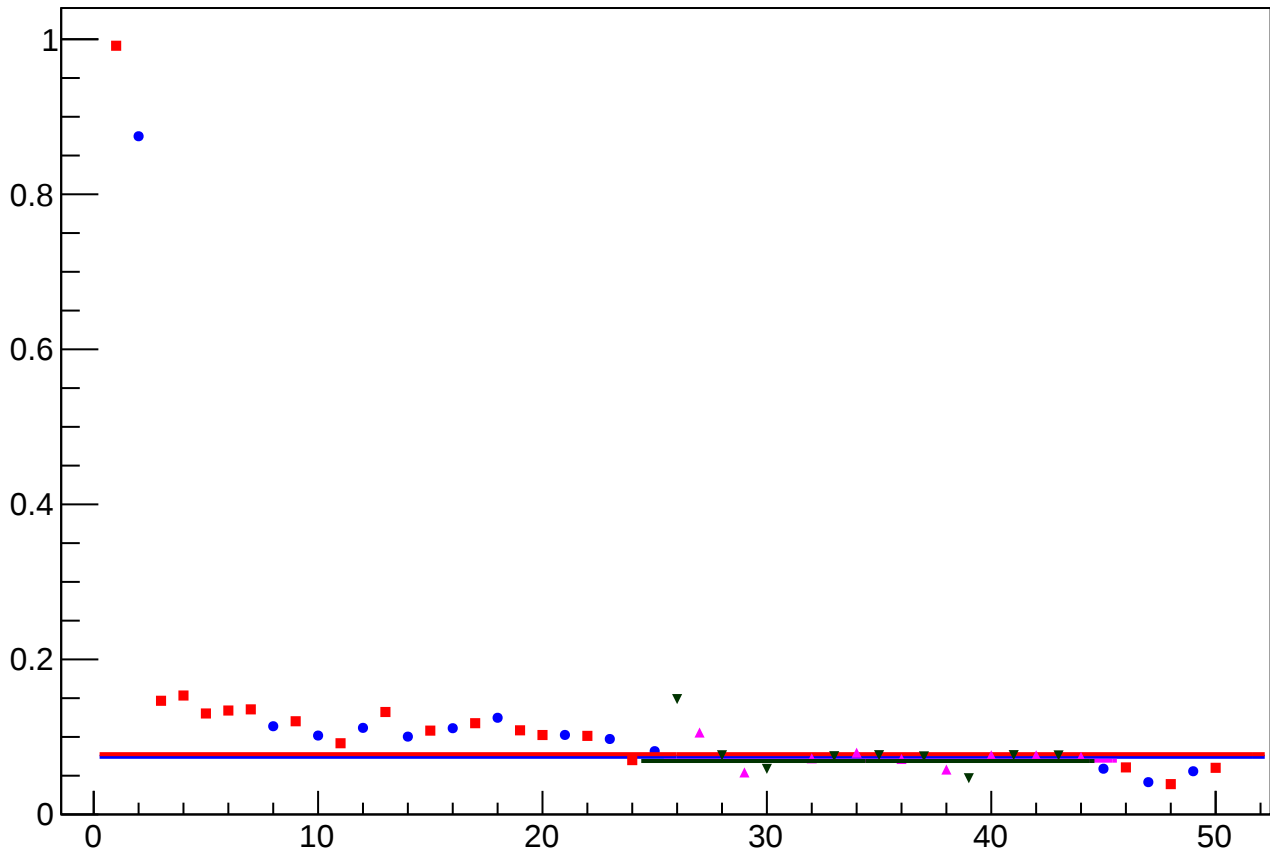
Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

11.706+/-0.000 χ^2/NDF : 66120194080.9/48

Right Out: 12.156+/-0.000 χ^2/NDF : 25041127081.7/17

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

yield_sam6_rms vs slug



Right In: 0.074+/-0.000 χ^2/NDF : 3379384.2/12

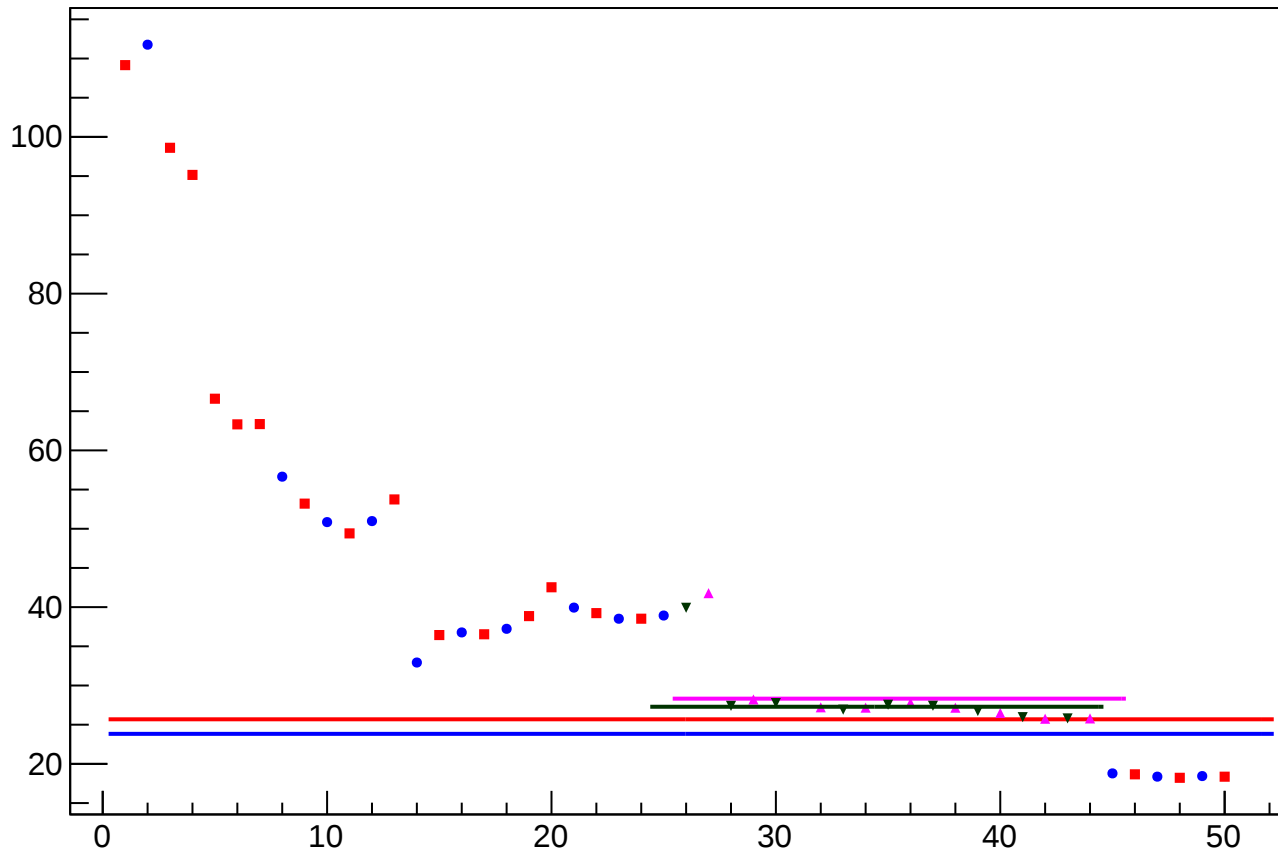
Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

0.073+/-0.000 χ^2/NDF : 7559154.8/48

Right Out: 0.078+/-0.000 χ^2/NDF : 3142205.0/17

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

yield_sam7_mean vs slug



Right In: 23.832+/-0.000 χ^2/NDF : 70544986185.3/12

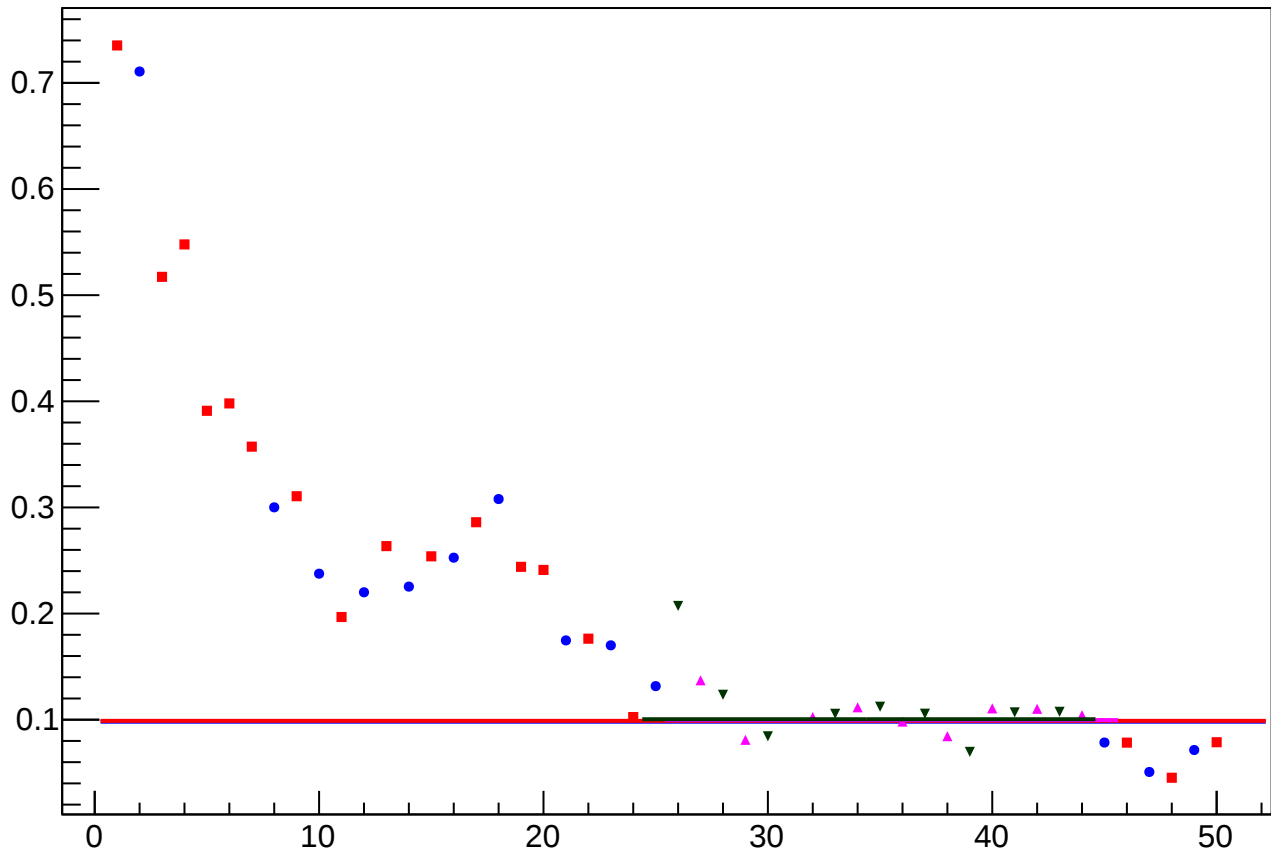
Left Out: 27.289+/-0.000 χ^2/NDF :1982133147.3/8

Right Out: 25.687+/-0.000 χ^2/NDF : 81301709884.1/17

Left In: 28.322+/-0.000 χ^2/NDF :8116600744.9/8

26.206+/-0.000 χ^2/NDF : 167913329914.8/48

yield_sam7_rms vs slug



Right In: 0.098+/-0.000 χ^2/NDF : 5982161.1/12

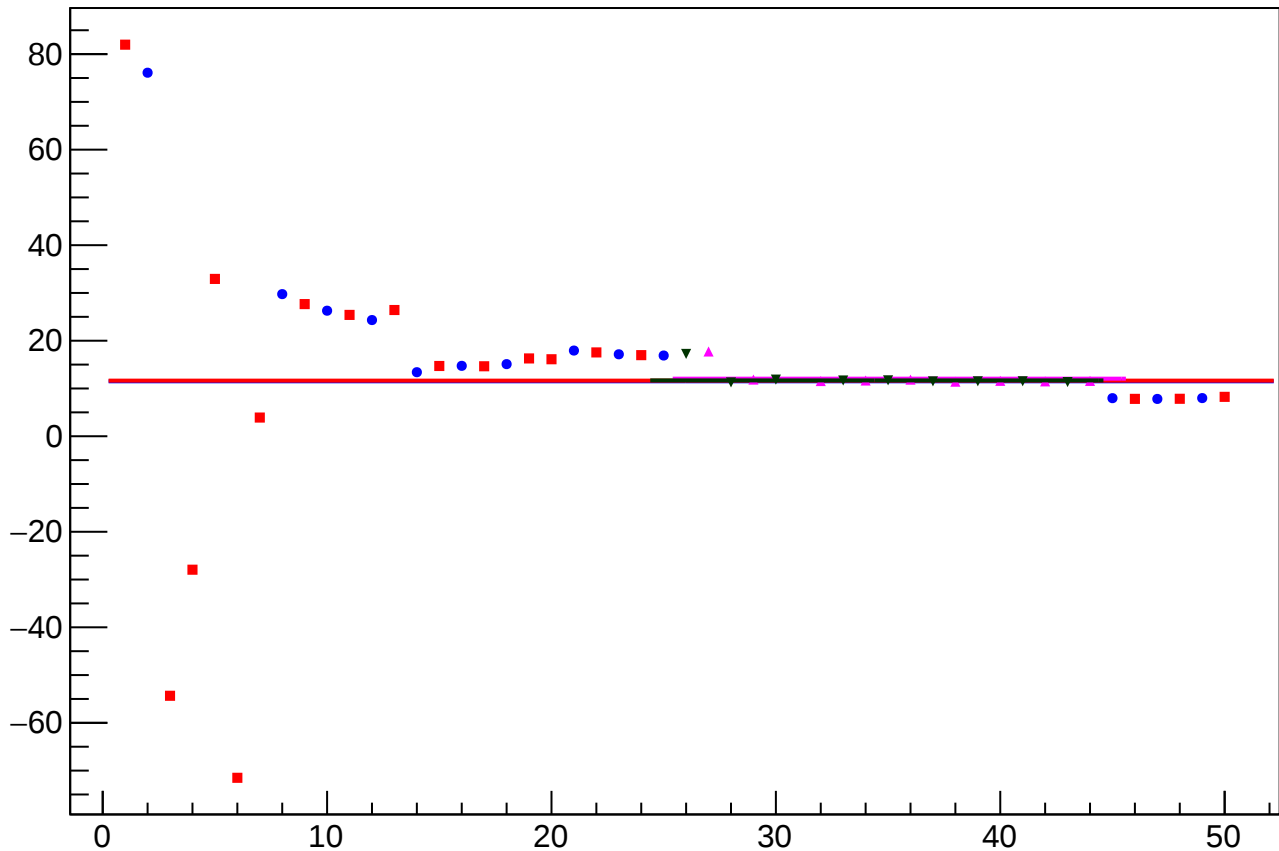
Left Out: 0.100+/-0.000 χ^2/NDF : 510789.5/8

Right Out: 0.099+/-0.000 χ^2/NDF : 6702352.6/17

Left In: 0.100+/-0.000 χ^2/NDF : 255423.8/8

0.099+/-0.000 χ^2/NDF : 13453592.1/48

yield_sam8_mean vs slug



Right In: 11.501+/-0.000 χ^2/NDF : 161565474705.3/12

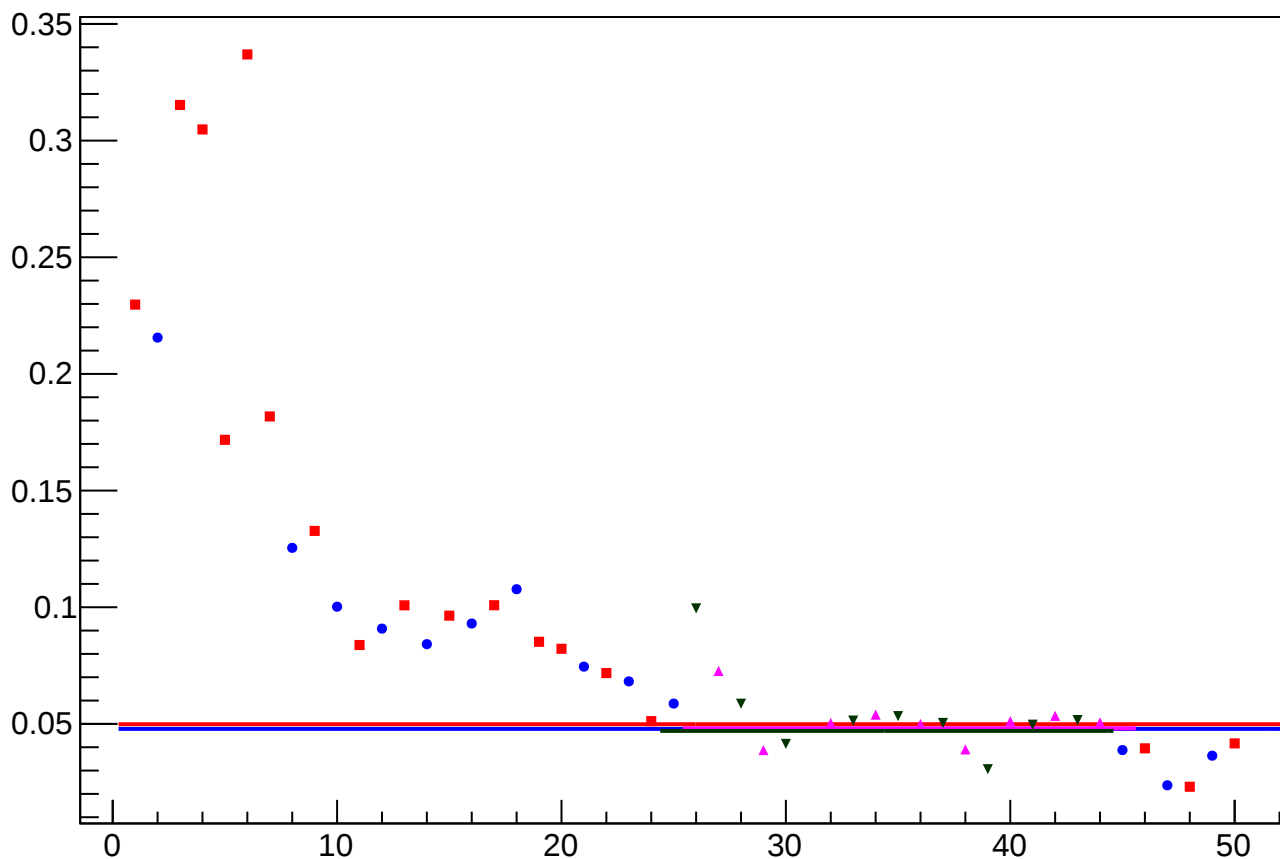
Left Out: 11.692+/-0.000 χ^2/NDF : 1573980124.5/8

Right Out: 11.644+/-0.000 χ^2/NDF : 166424892526.4/17

Left In: 12.055+/-0.000 χ^2/NDF : 5109211939.8/8

11.716+/-0.000 χ^2/NDF : 335055417455.8/48

yield_sam8_rms vs slug



Right In: 0.048+/-0.000 χ^2/NDF : 4753335.6/12

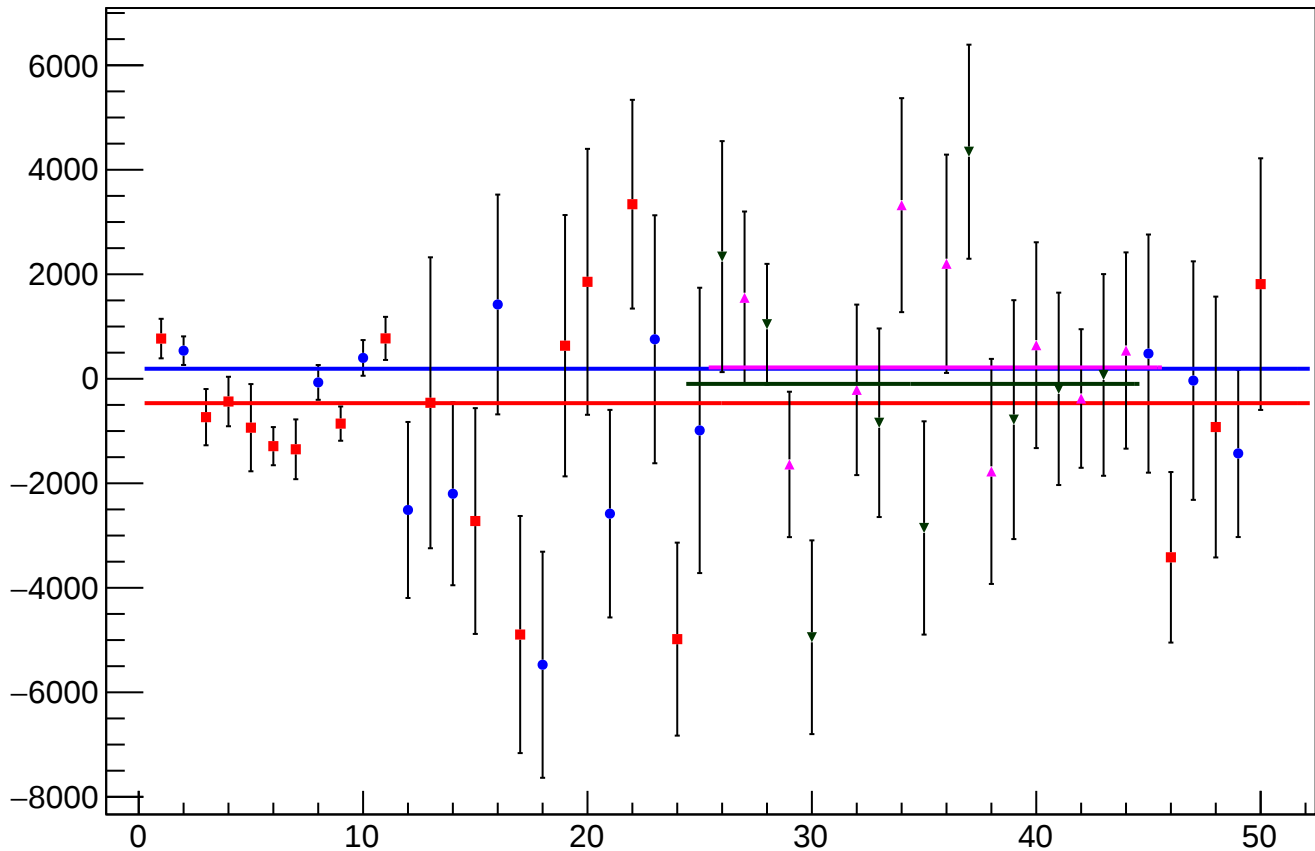
Left Out: 0.047+/-0.000 χ^2/NDF : 613205.8/8

Right Out: 0.050+/-0.000 χ^2/NDF : 5635653.9/17

Left In: 0.048+/-0.000 χ^2/NDF : 348771.4/8

0.048+/-0.000 χ^2/NDF : 11368430.8/48

cor_sam1_mean vs slug



Right In: 192.074+/-172.950 χ^2/NDF : 17.5/12

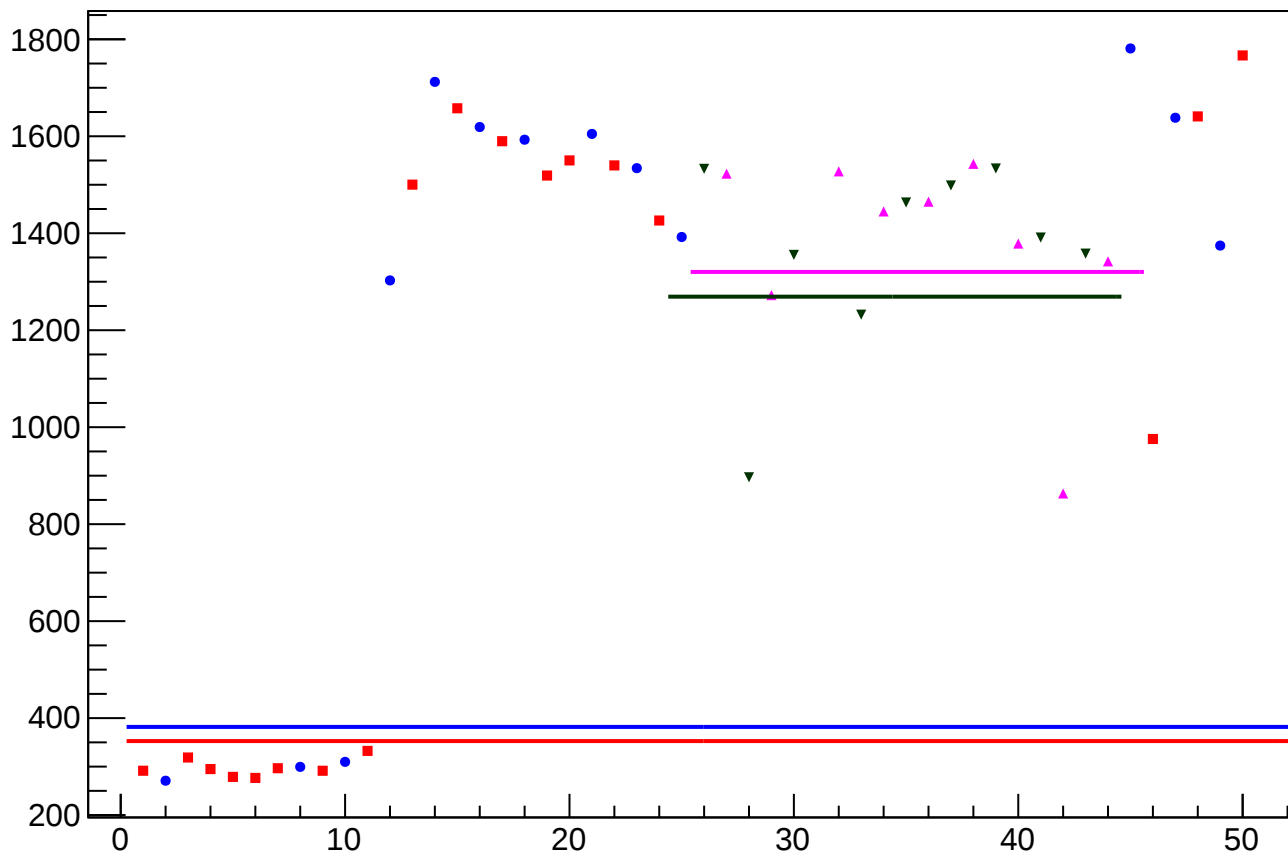
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

-165.265+/-109.472 χ^2/NDF : 97.8/48

Right Out: -466.397+/-150.461 χ^2/NDF : 48.9/17

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

cor_sam1_rms vs slug



Right In: 381.870+/-0.122 χ^2/NDF : 7244810.9/12

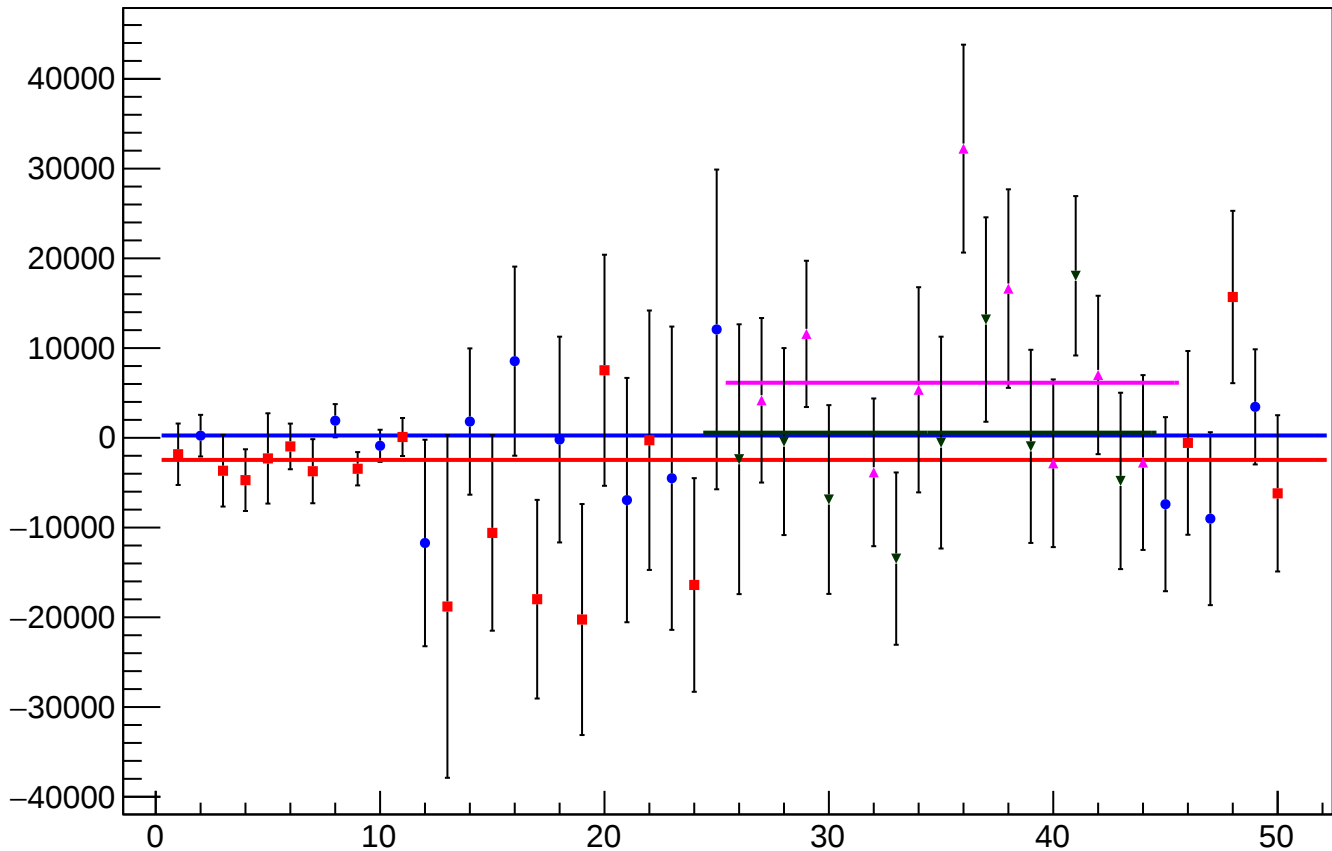
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 352.659+/-0.106 χ^2/NDF : 5724852.2/17

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

430.363+/-0.077 χ^2/NDF : 23083265.5/48

cor_sam2_mean vs slug



Right In: 260.610+/-1061.133 χ^2/NDF : 5.5/12

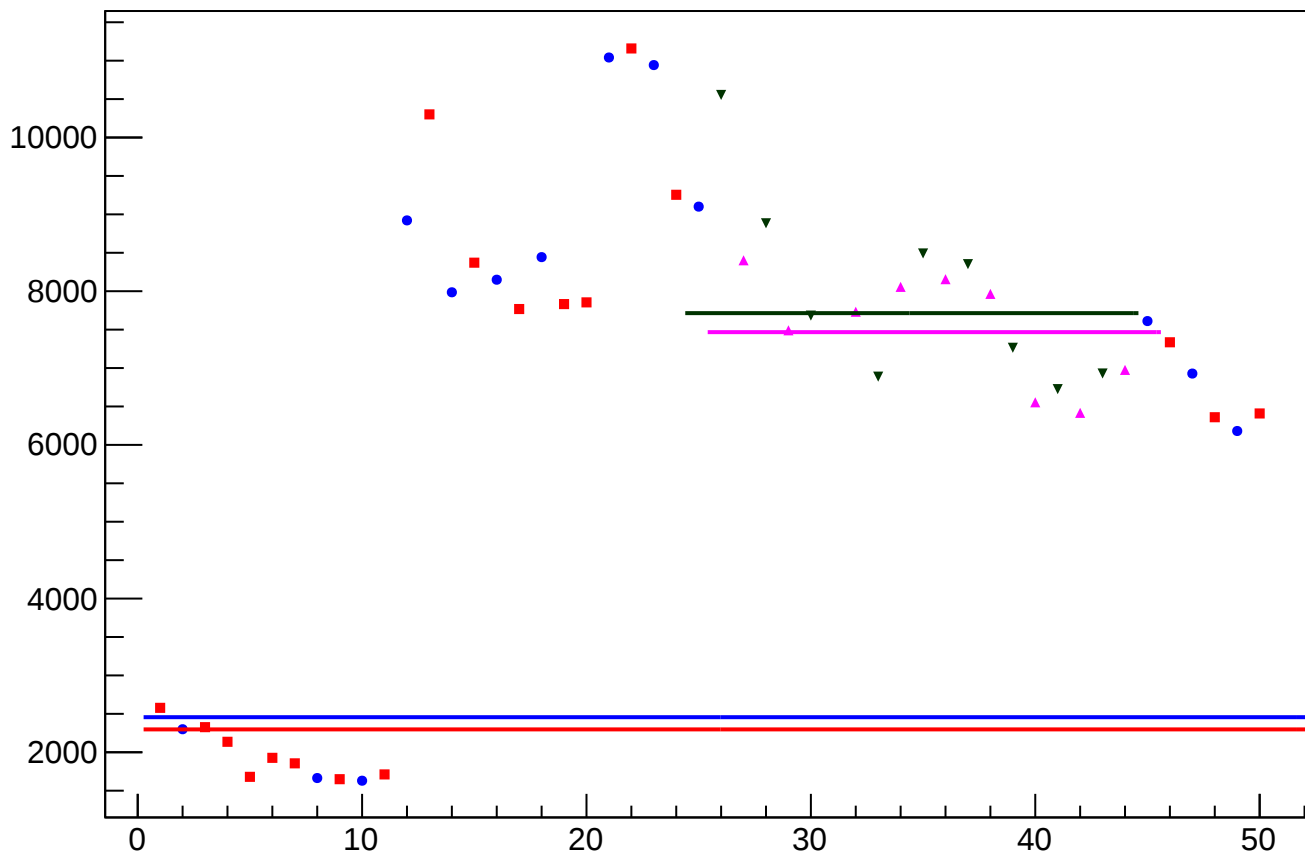
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

-833.768+/-679.979 χ^2/NDF : 46.0/48

Right Out: -2460.494+/-955.737 χ^2/NDF : 13.7/17

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

cor_sam2_rms vs slug



Right In: 2456.360+/-0.750 χ^2/NDF : 6731750.4/12

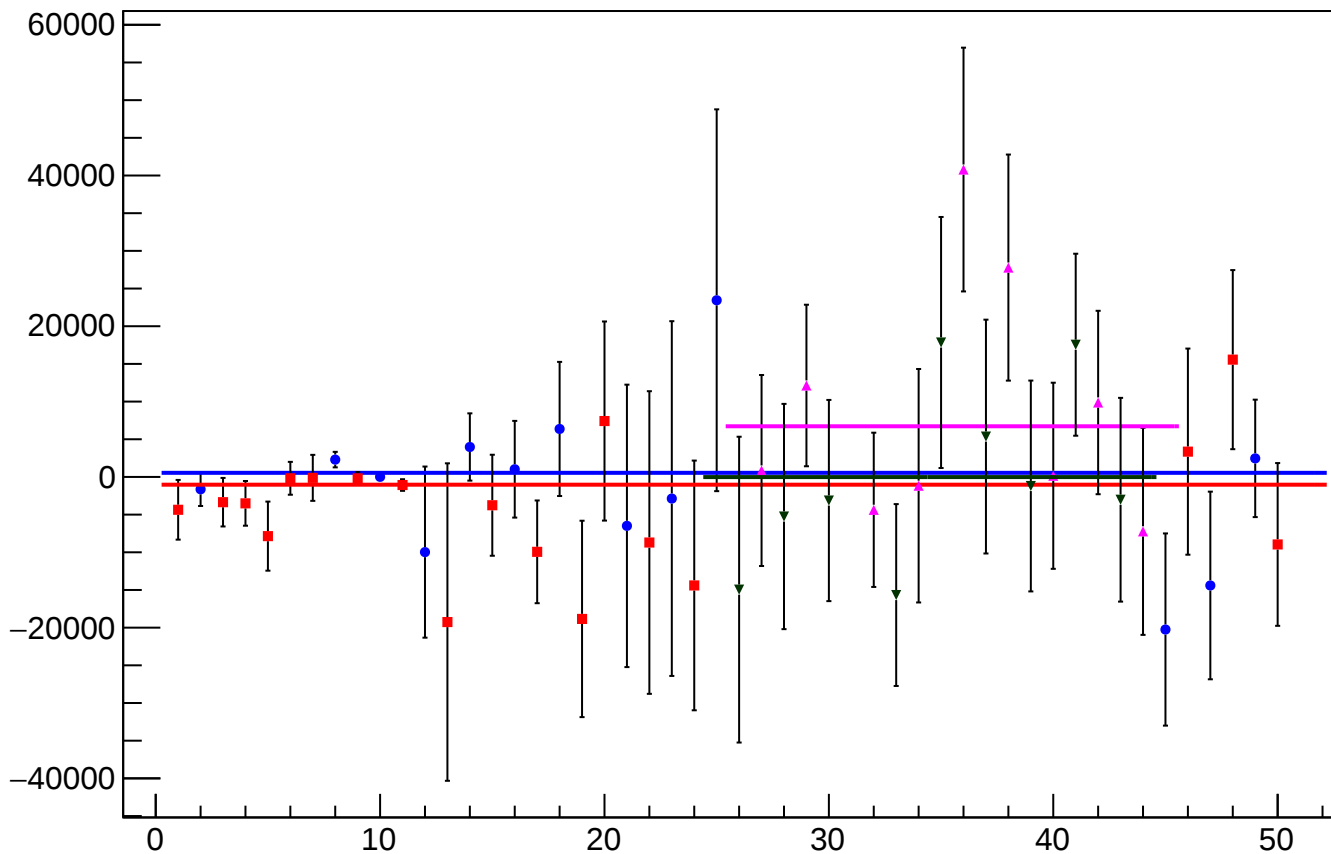
Left Out: 7714.631+/-2.499 χ^2/NDF : 167394.8/8

Right Out: 2297.513+/-0.676 χ^2/NDF : 5444362.9/17

Left In: 7467.205+/-2.238 χ^2/NDF : 91846.7/8

2801.908+/-0.481 χ^2/NDF : 21414870.7/48

cor_sam3_mean vs slug



Right In: 546.137+/-531.980 χ^2/NDF : 11.5/12

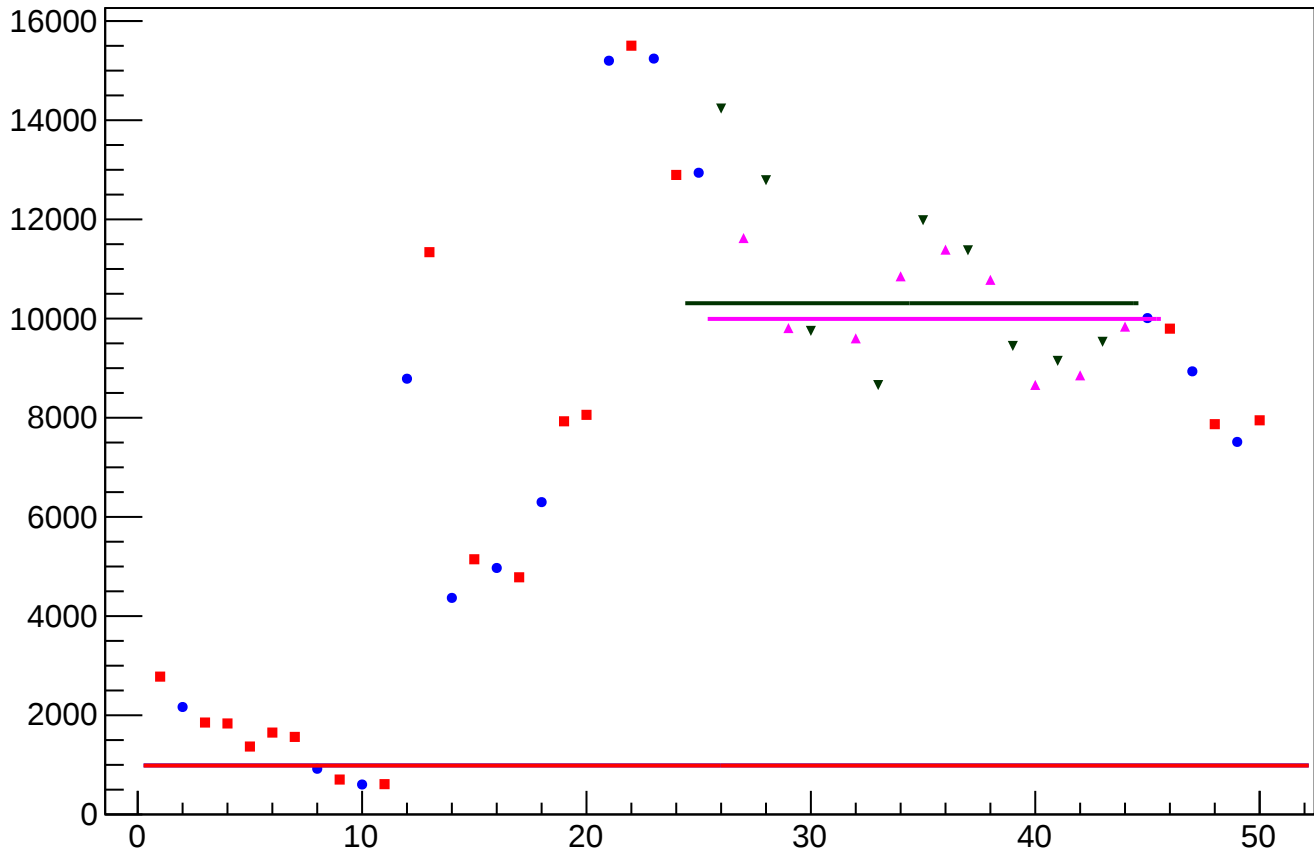
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

-217.888+/-366.488 χ^2/NDF : 48.0/48

Right Out: -1029.592+/-512.206 χ^2/NDF : 13.7/17

Left In: 6722.901+/-4244.094 χ^2/NDF : 9.7/8

cor_sam3_rms vs slug



Right In: 988.921+/-0.376 χ^2/NDF : 10358559.3/12

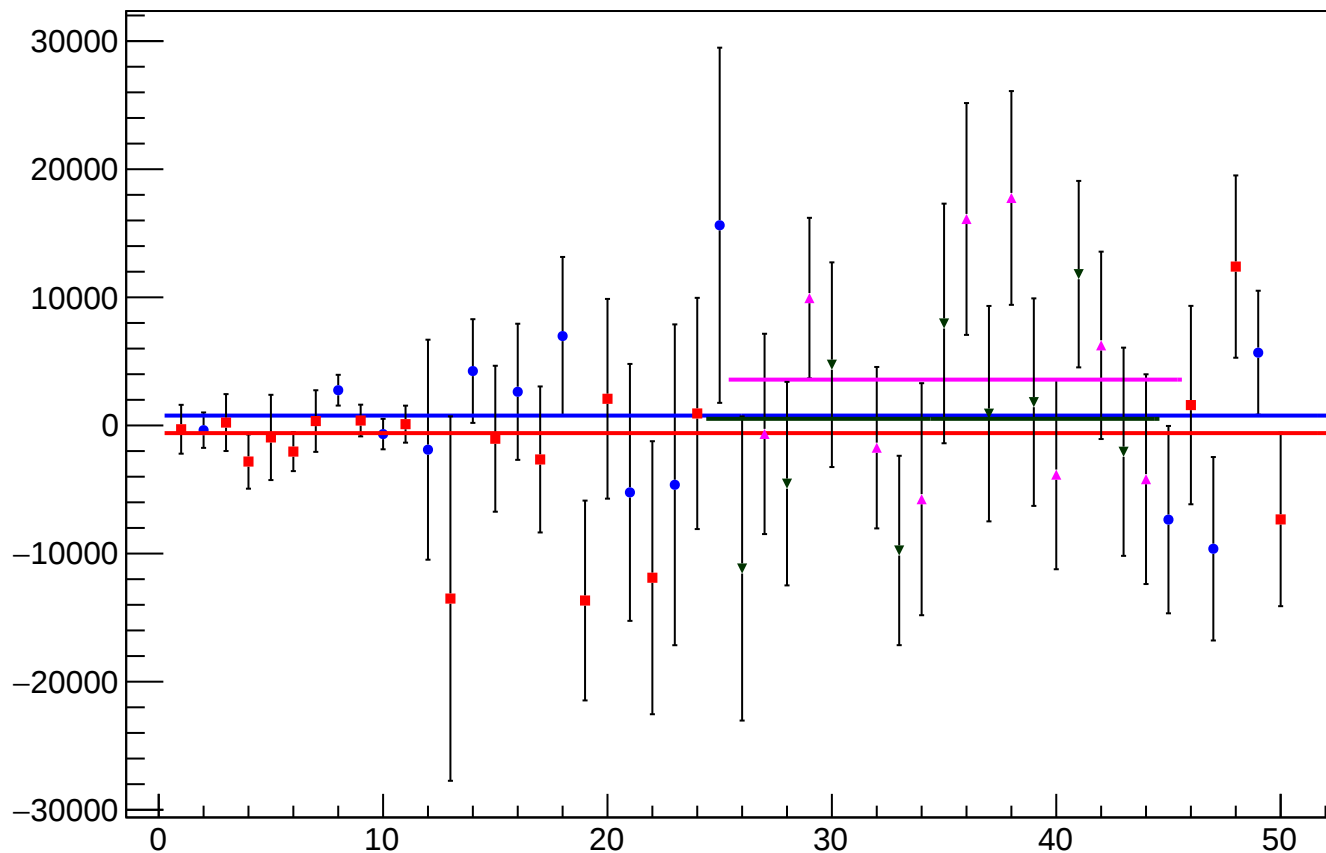
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

1110.556+/-0.259 χ^2/NDF : 36337180.1/48

Right Out: 986.346+/-0.362 χ^2/NDF : 9113354.6/17

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: 770.266+/-679.863 $\chi^2/\text{NDF}: 12.9/12$

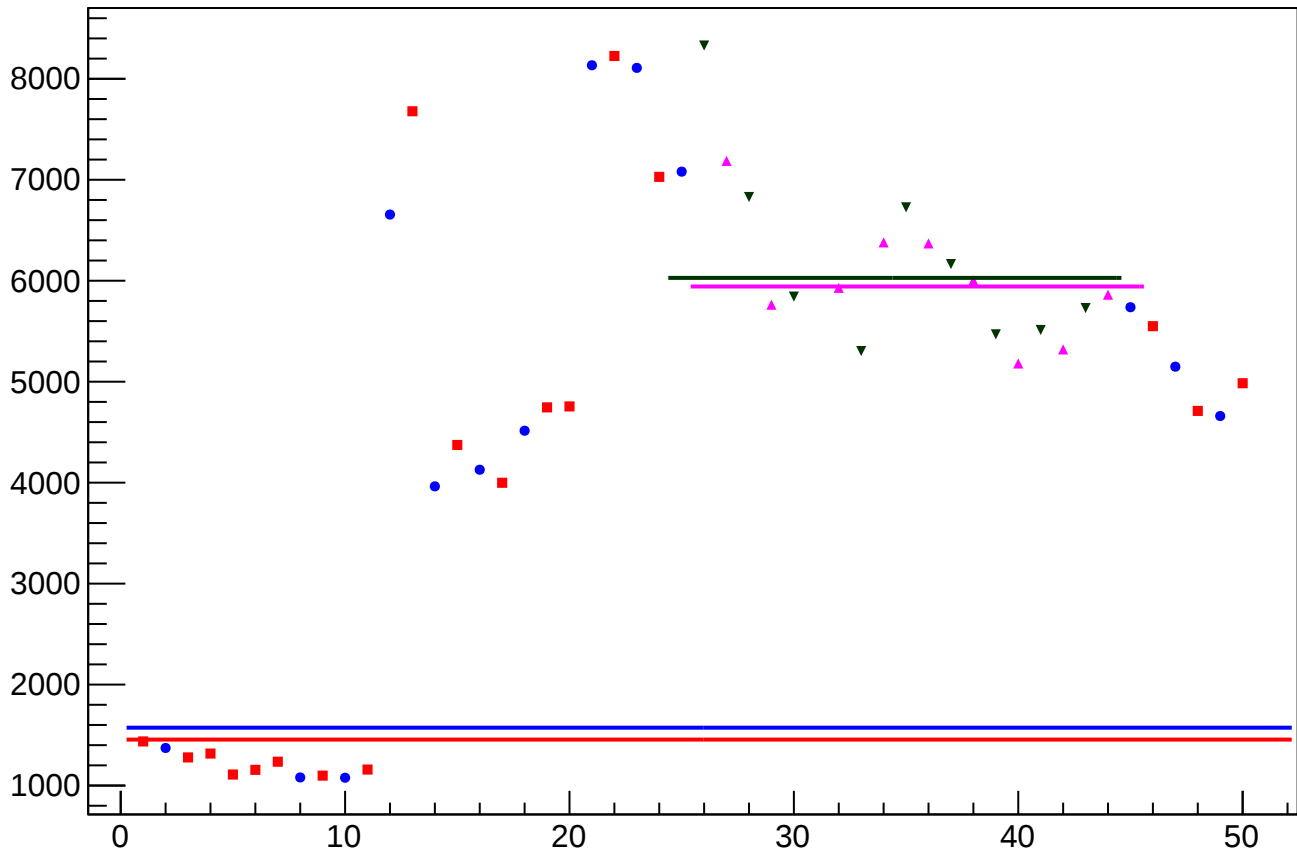
Left Out: 516.734+/-2754.718 $\chi^2/\text{NDF}: 6.8/8$

Right Out: -598.272+/-608.001 $\chi^2/\text{NDF}: 12.6/17$

Left In: 3577.200+/-2517.750 $\chi^2/\text{NDF}: 10.0/8$

131.918+/-440.303 $\chi^2/\text{NDF}: 46.5/48$

cor_sam4_rms vs slug



Right In: 1573.178+/-0.481 χ^2 /NDF: 6720557.4/12

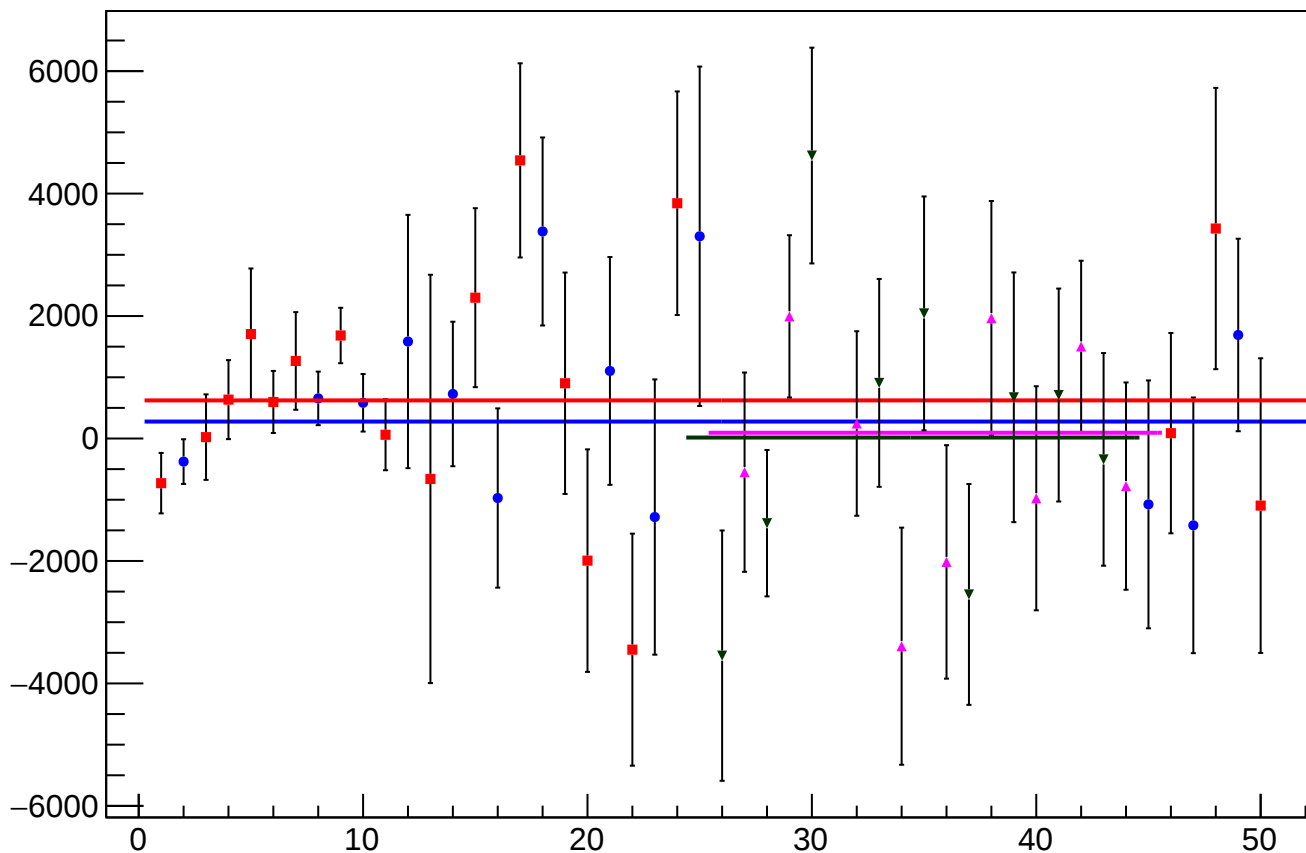
Left Out: 6028.268+/-1.948 χ^2 /NDF: 149820.8/8

1758.813+/-0.311 χ^2 /NDF: 23442835.5/48

Right Out: 1455.300+/-0.430 χ^2 /NDF: 5499853.6/17

Left In: 5942.882+/-1.780 χ^2 /NDF: 97554.4/8

cor_sam5_mean vs slug



Right In: 276.750 $\pm$ 220.307 χ^2 /NDF: 13.5/12

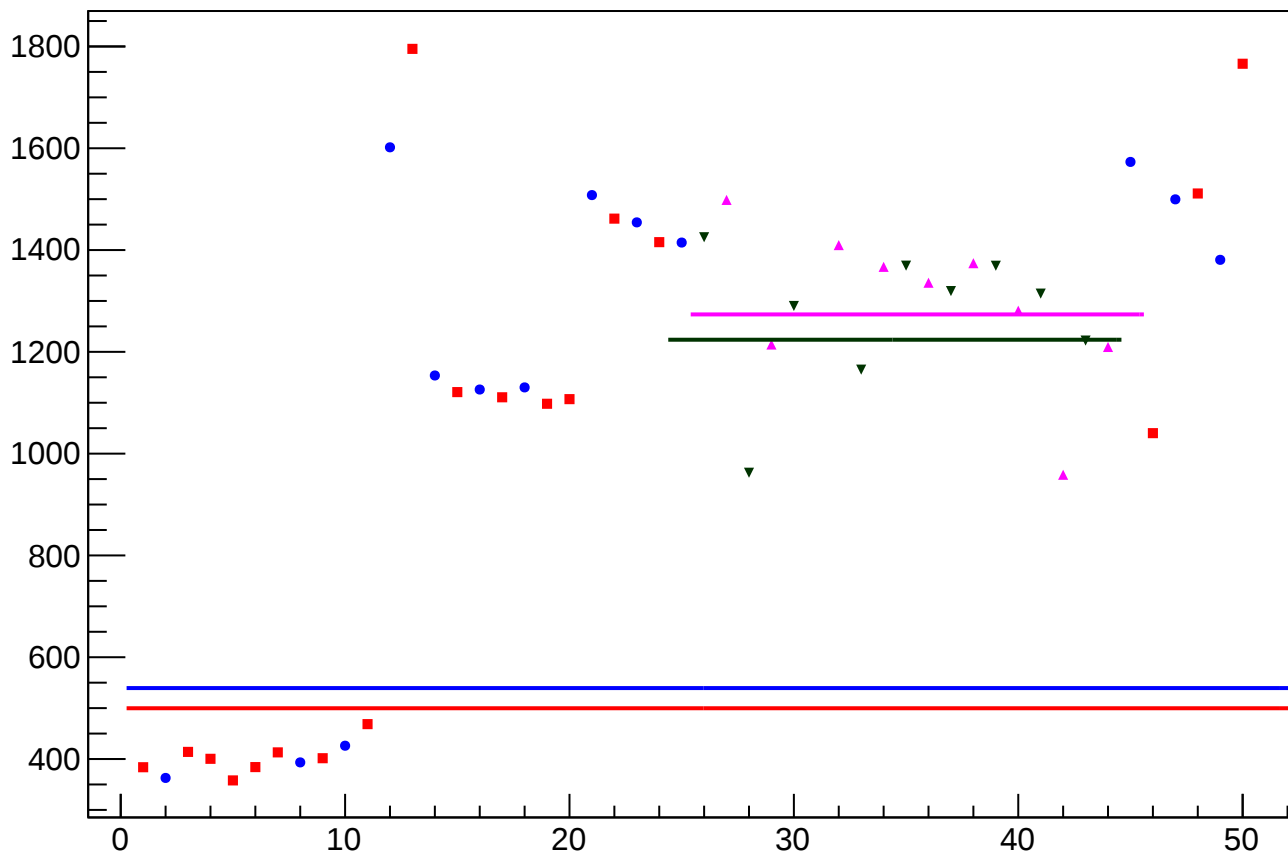
Left Out: 15.632 $\pm$ 568.606 χ^2 /NDF:15.0/8

Right Out: 622.461 $\pm$ 197.492 χ^2 /NDF: 35.9/17

Left In: 94.301 $\pm$ 545.541 χ^2 /NDF:9.3/8

417.995 $\pm$ 137.757 χ^2 /NDF: 76.0/48

cor_sam5_rms vs slug



Right In: 539.395 $\pm$ 0.156 χ^2 /NDF: 5084436.5/12

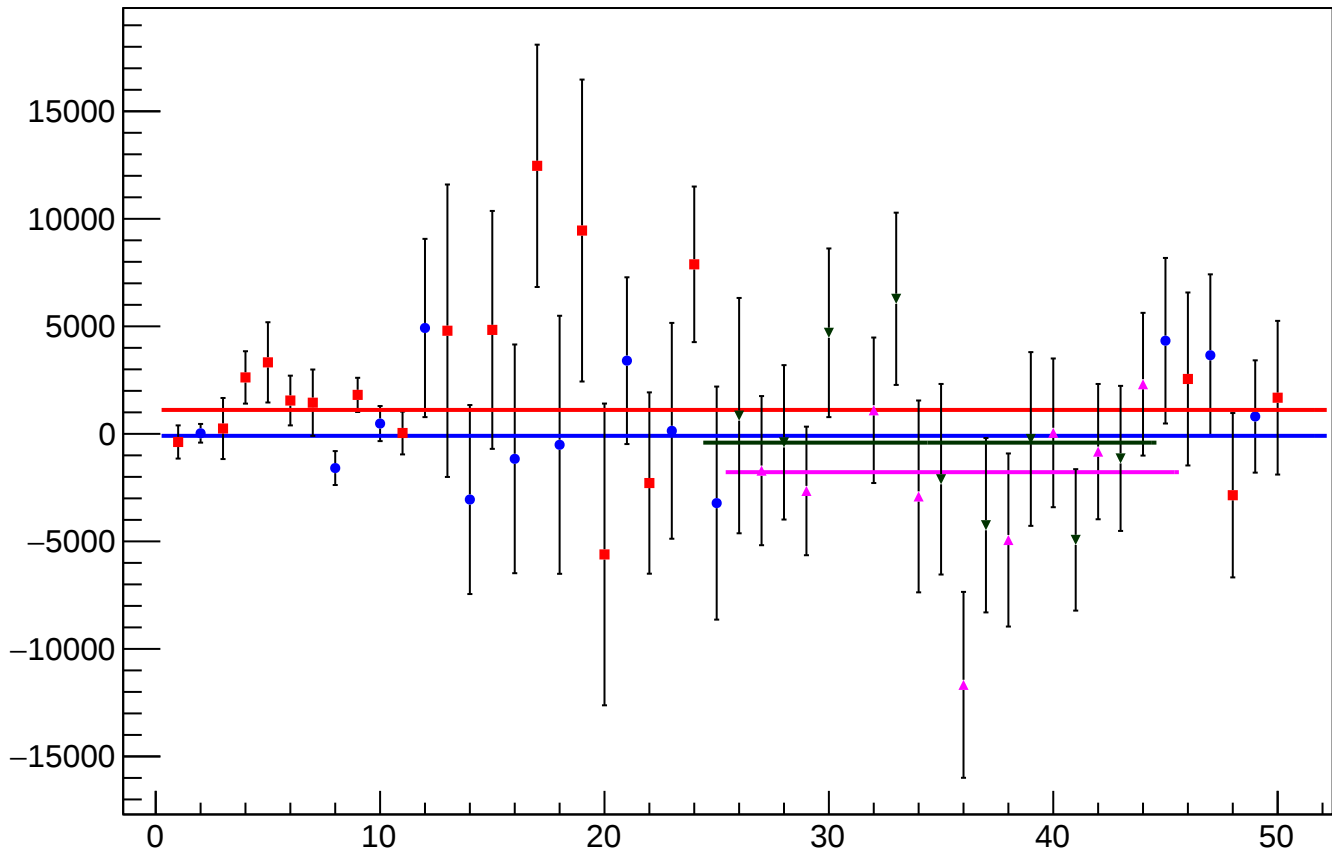
Left Out: 1223.816 $\pm$ 0.402 χ^2 /NDF: 153031.9/8

Right Out: 499.749 $\pm$ 0.140 χ^2 /NDF: 4031828.3/17

Left In: 1273.545 $\pm$ 0.386 χ^2 /NDF: 174989.1/8

607.089 $\pm$ 0.097 χ^2 /NDF: 15561608.4/48

cor_sam6_mean vs slug



Right In: -91.625 ± 333.053 χ^2/NDF : 9.7/12

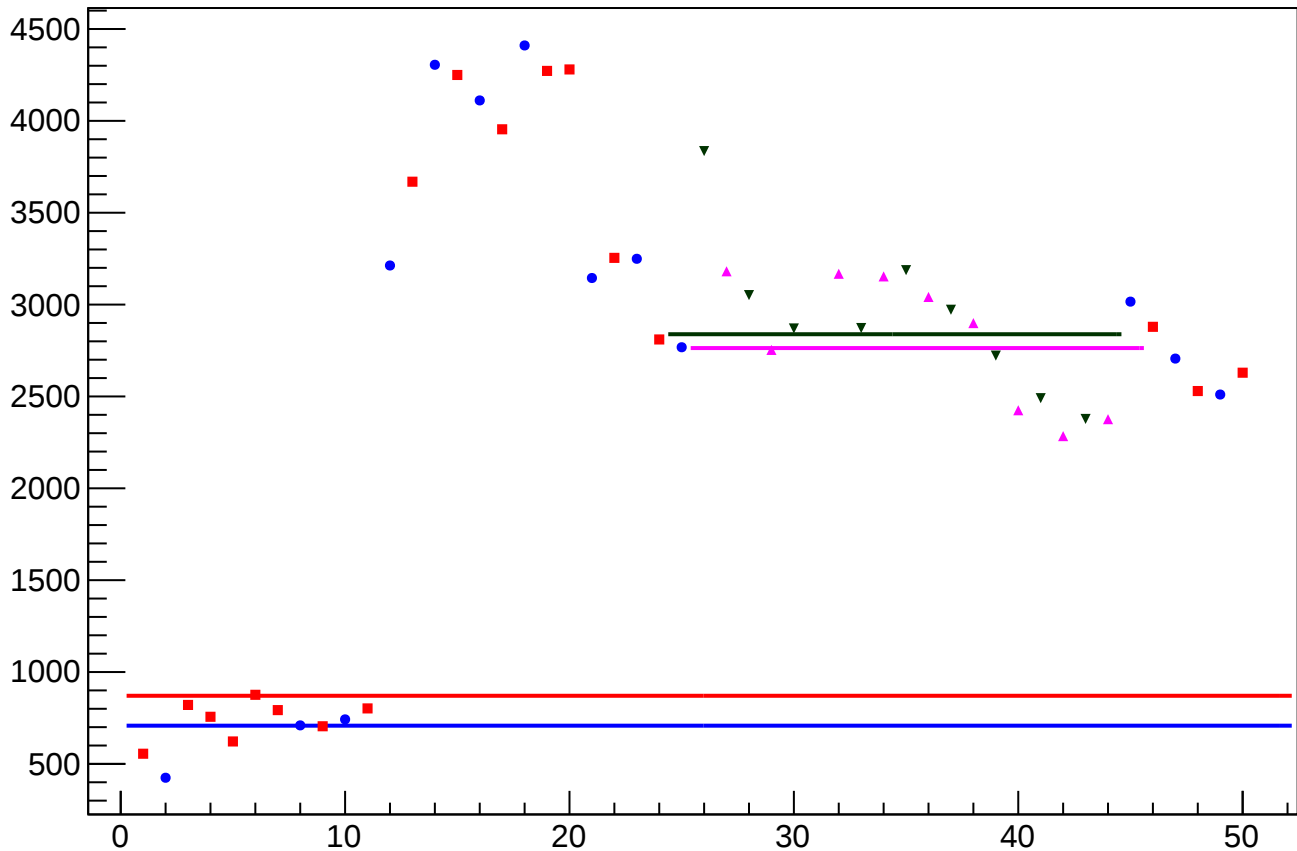
Left Out: -408.383 ± 1299.964 χ^2/NDF : 7.5/8

329.995 ± 237.733 χ^2/NDF : 57.2/48

Right Out: 1112.953 ± 368.517 χ^2/NDF : 21.7/17

Left In: -1781.426 ± 1175.729 χ^2/NDF : 8.6/8

cor_sam6_rms vs slug



Right In: 708.042+/-0.236 χ^2/NDF : 8334713.3/12

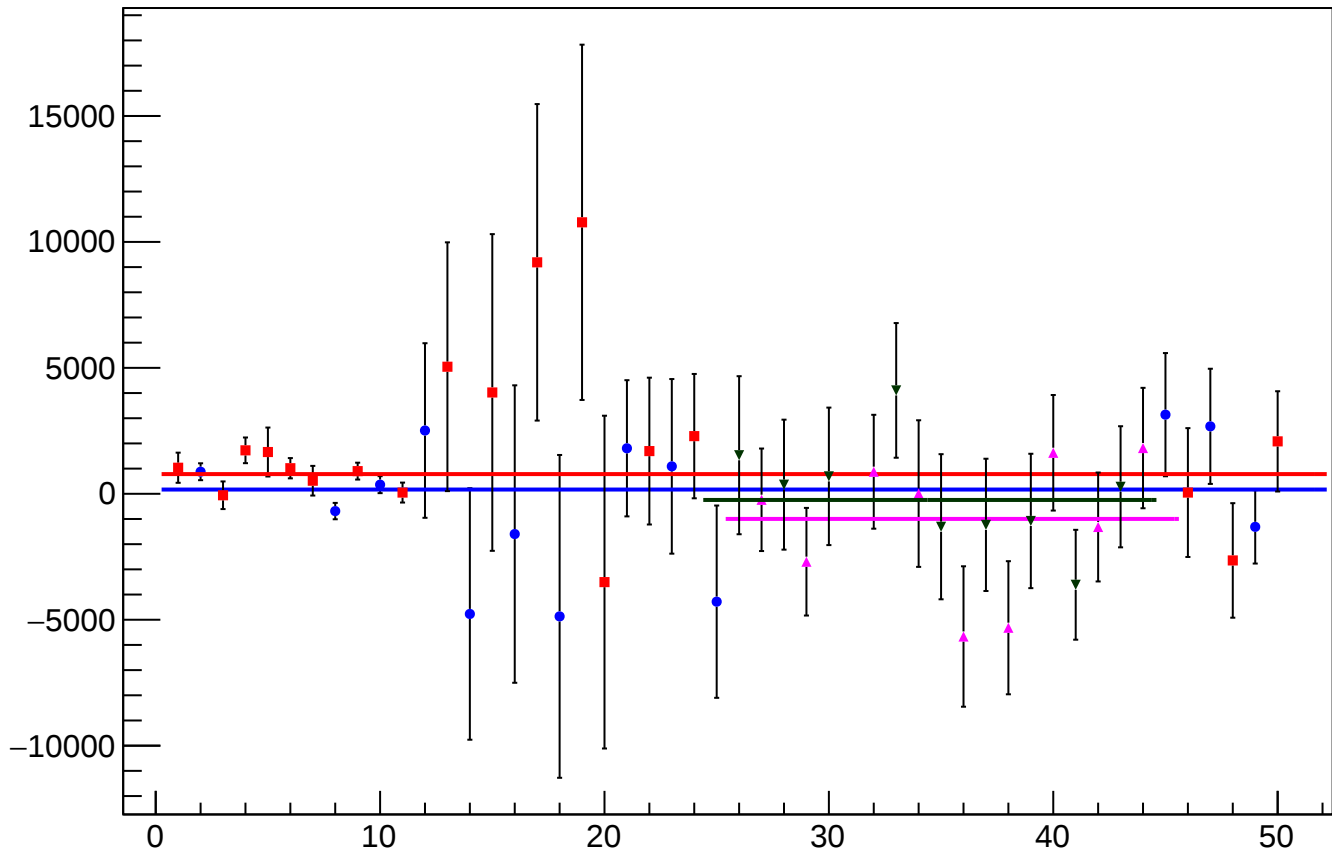
Left Out: 2838.681+/-0.919 χ^2/NDF : 149660.0/8

931.066+/-0.168 χ^2/NDF : 24465755.7/48

Right Out: 870.806+/-0.261 χ^2/NDF : 5690693.9/17

Left In: 2763.346+/-0.831 χ^2/NDF : 176297.5/8

cor_sam7_mean vs slug



Right In: 168.983 ± 187.287 $\chi^2/\text{NDF}: 19.4/12$

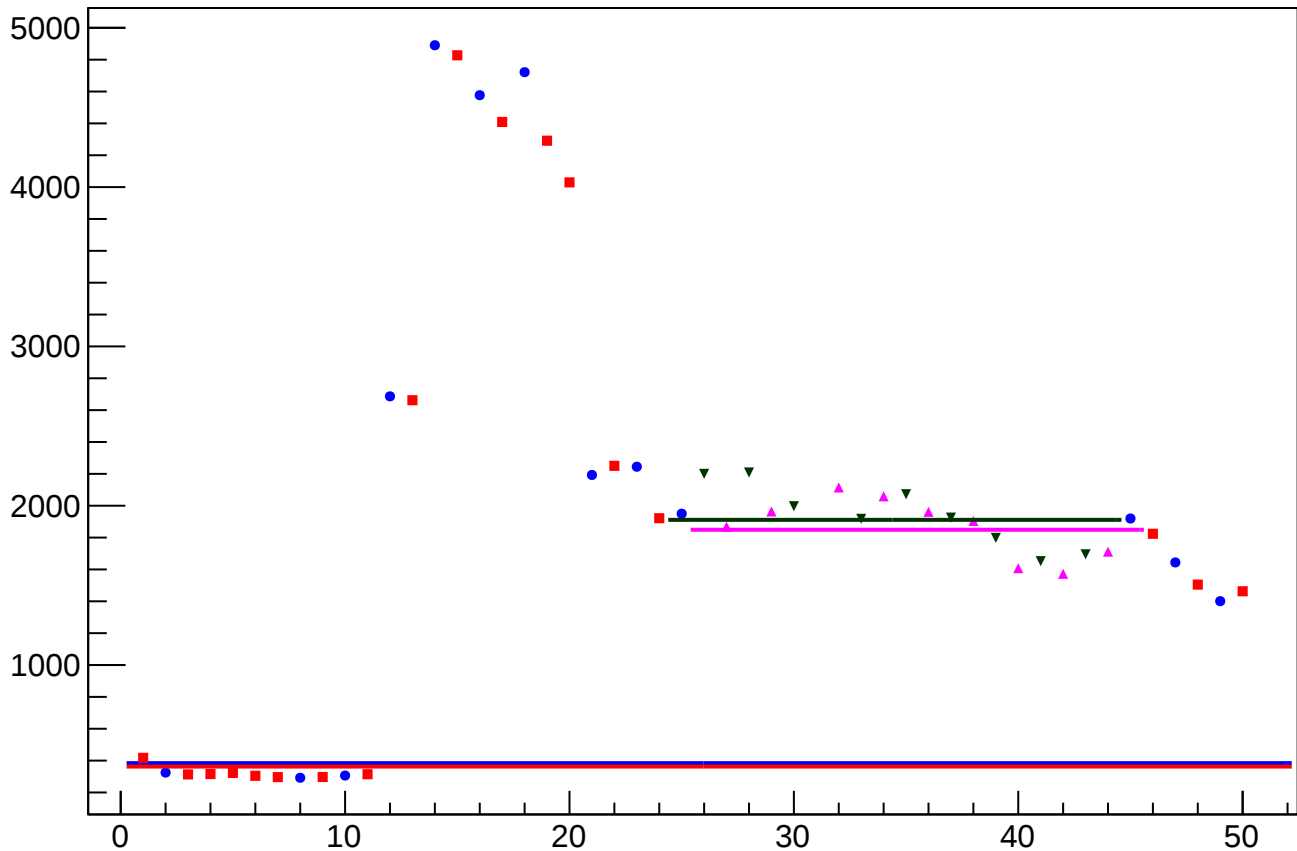
Left Out: -244.491 ± 871.961 $\chi^2/\text{NDF}: 5.9/8$

462.054 ± 121.412 $\chi^2/\text{NDF}: 64.7/48$

Right Out: 782.375 ± 165.774 $\chi^2/\text{NDF}: 19.3/17$

Left In: -997.335 ± 784.451 $\chi^2/\text{NDF}: 9.8/8$

cor_sam7_rms vs slug



Right In: 384.127 ± 0.132 χ^2/NDF : 8943630.7/12

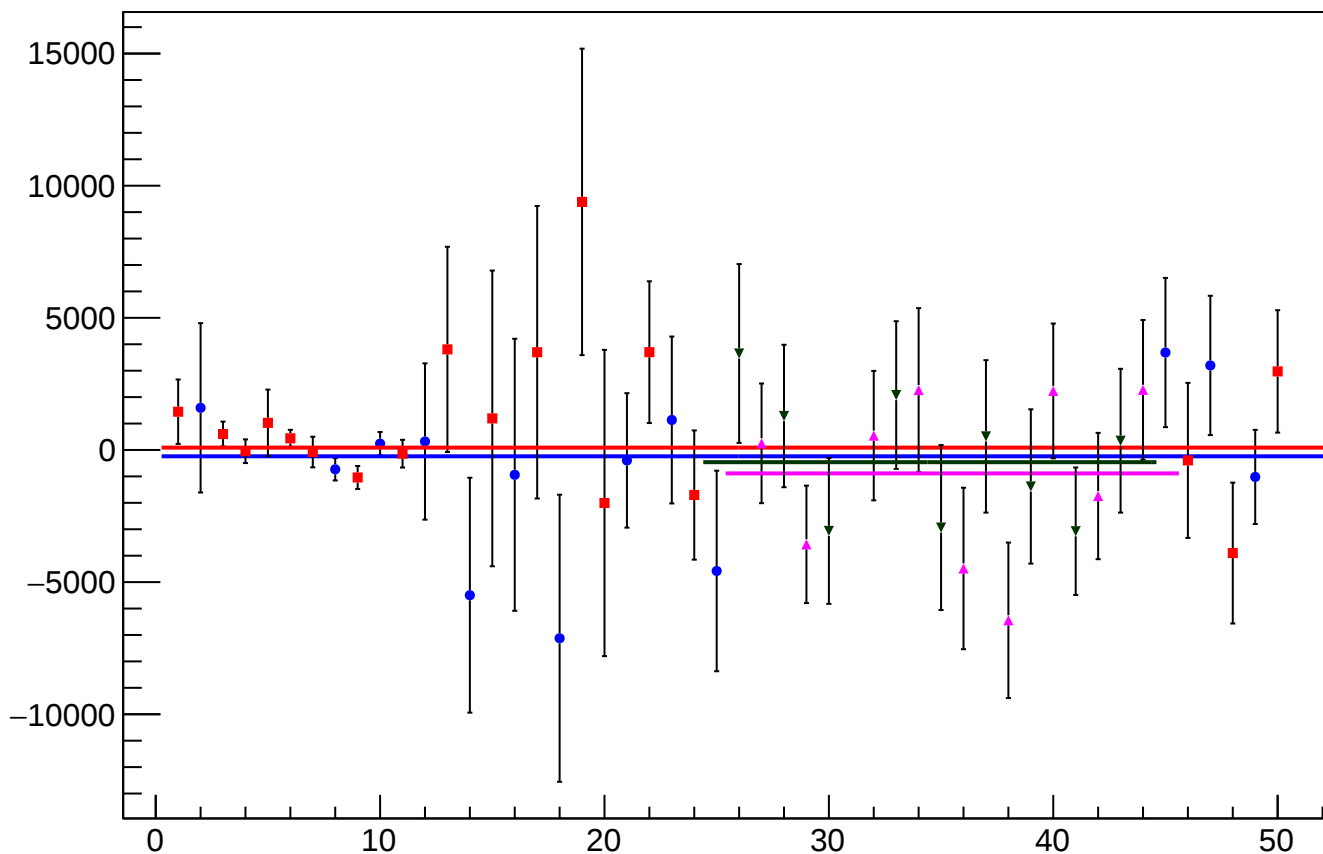
Left Out: 1911.248 ± 0.617 χ^2/NDF : 99791.7/8

437.279 ± 0.086 χ^2/NDF : 29053627.9/48

Right Out: 362.597 ± 0.117 χ^2/NDF : 7140477.9/17

Left In: 1849.101 ± 0.555 χ^2/NDF : 109499.9/8

cor_sam8_mean vs slug



Right In: -239.278 ± 288.609 $\chi^2/\text{NDF}: 11.3/12$

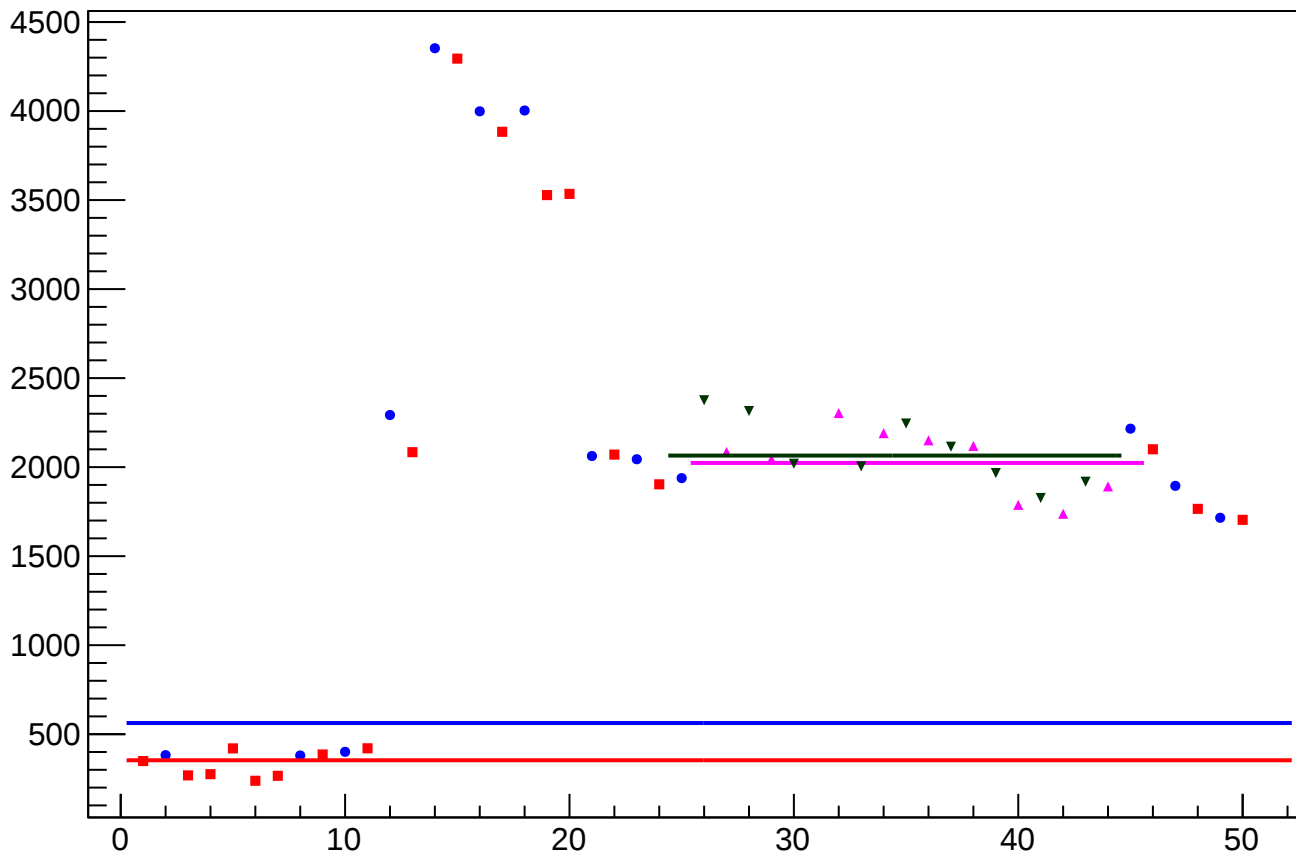
Left Out: -461.681 ± 939.996 $\chi^2/\text{NDF}: 5.7/8$

Right Out: 89.870 ± 172.948 $\chi^2/\text{NDF}: 21.6/17$

Left In: -886.546 ± 856.447 $\chi^2/\text{NDF}: 11.1/8$

-33.363 ± 144.438 $\chi^2/\text{NDF}: 51.9/48$

cor_sam8_rms vs slug



Right In: 562.783+/-0.204 χ^2/NDF : 7914285.6/12

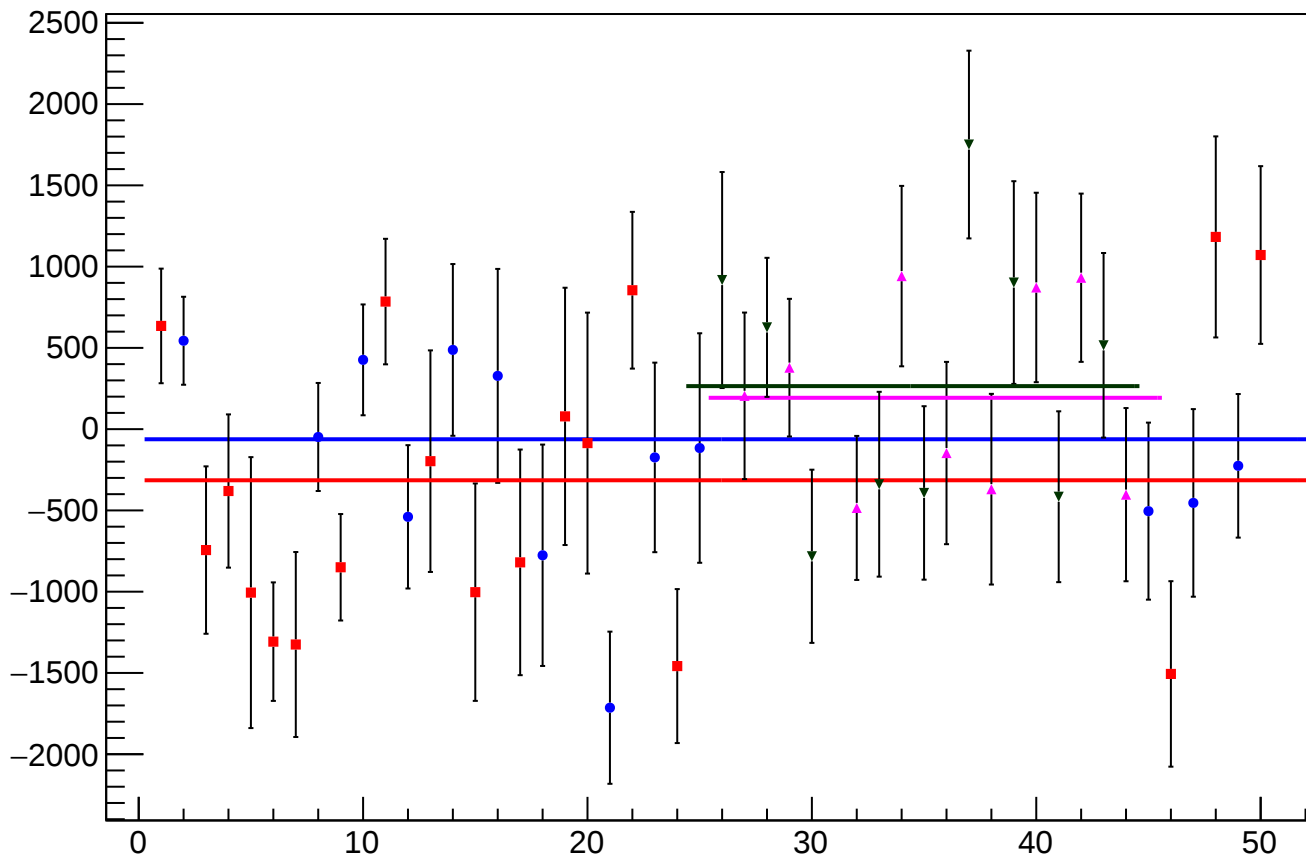
Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

Right Out: 353.446+/-0.122 χ^2/NDF : 7459678.5/17

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

493.788+/-0.102 χ^2/NDF : 28933519.0/48

reg_asym_sam1_mean vs slug



Right In: -62.212 $\pm$ 123.561 χ^2 /NDF: 24.5/12

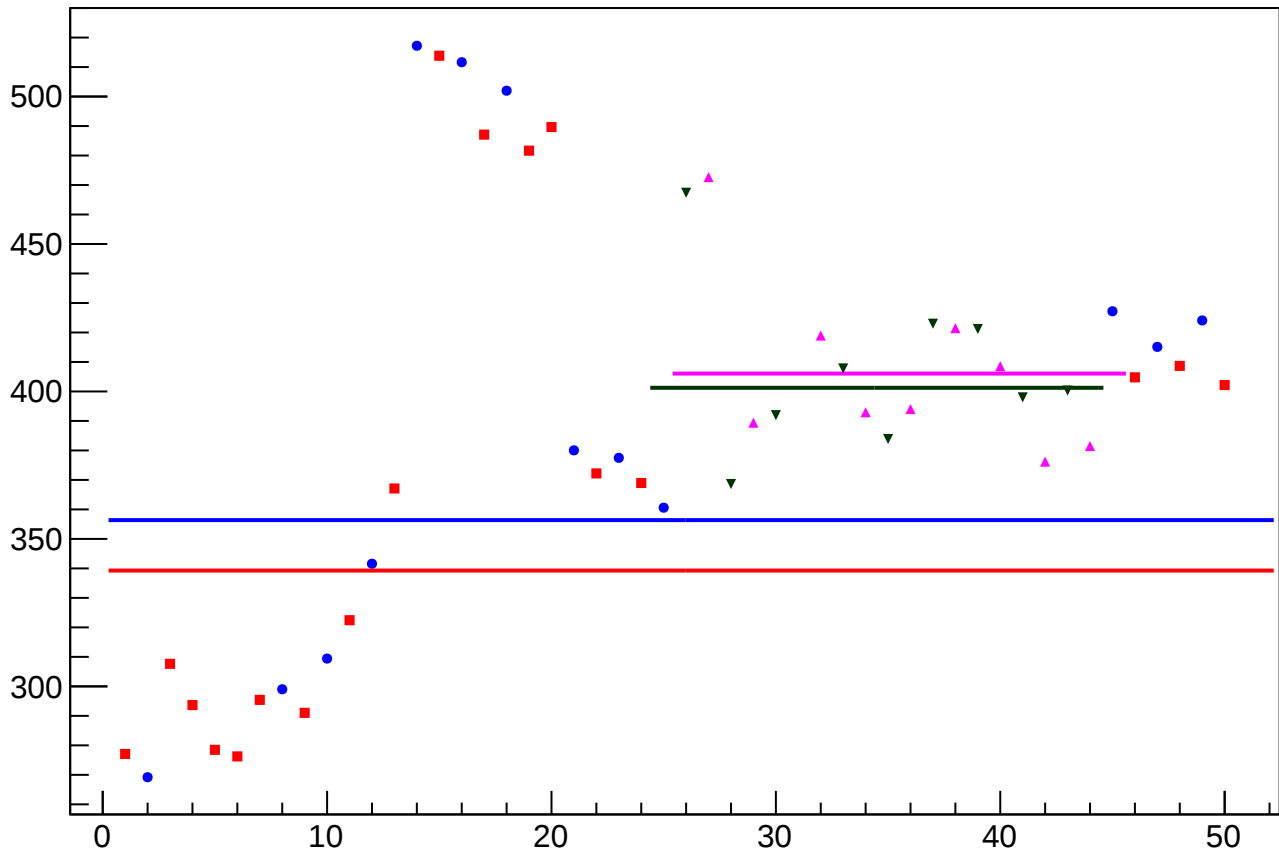
Left Out: 264.755 $\pm$ 182.132 χ^2 /NDF:17.7/8

Right Out: -314.588 $\pm$ 118.023 χ^2 /NDF: 60.3/17

Left In: 192.929 $\pm$ 171.479 χ^2 /NDF:10.3/8

-60.150 $\pm$ -70.457 χ^2 /NDF: 122.8/48

reg_asym_sam1_rms vs slug



Right In: 356.373+/-0.087 χ^2/NDF : 804607.0/12

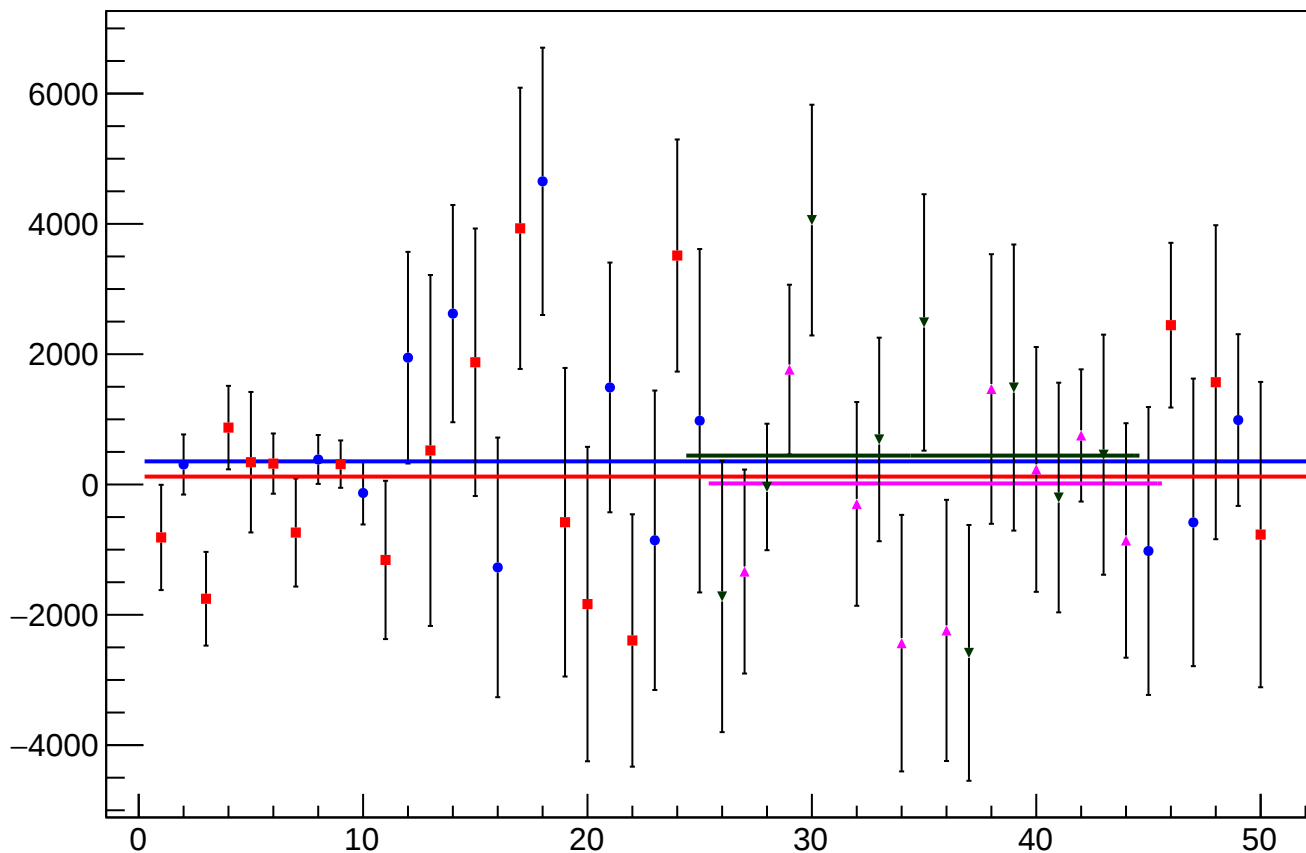
Left Out: 401.241+/-0.129 χ^2/NDF : 39393.7/8

Right Out: 339.272+/-0.083 χ^2/NDF : 678314.6/17

Left In: 406.067+/-0.121 χ^2/NDF : 52950.3/8

365.382+/-0.050 χ^2/NDF : 1873892.3/48

asym_sam1_correction_mean vs slug



Right In: 354.940 $\pm$ 230.001 χ^2 /NDF: 10.4/12

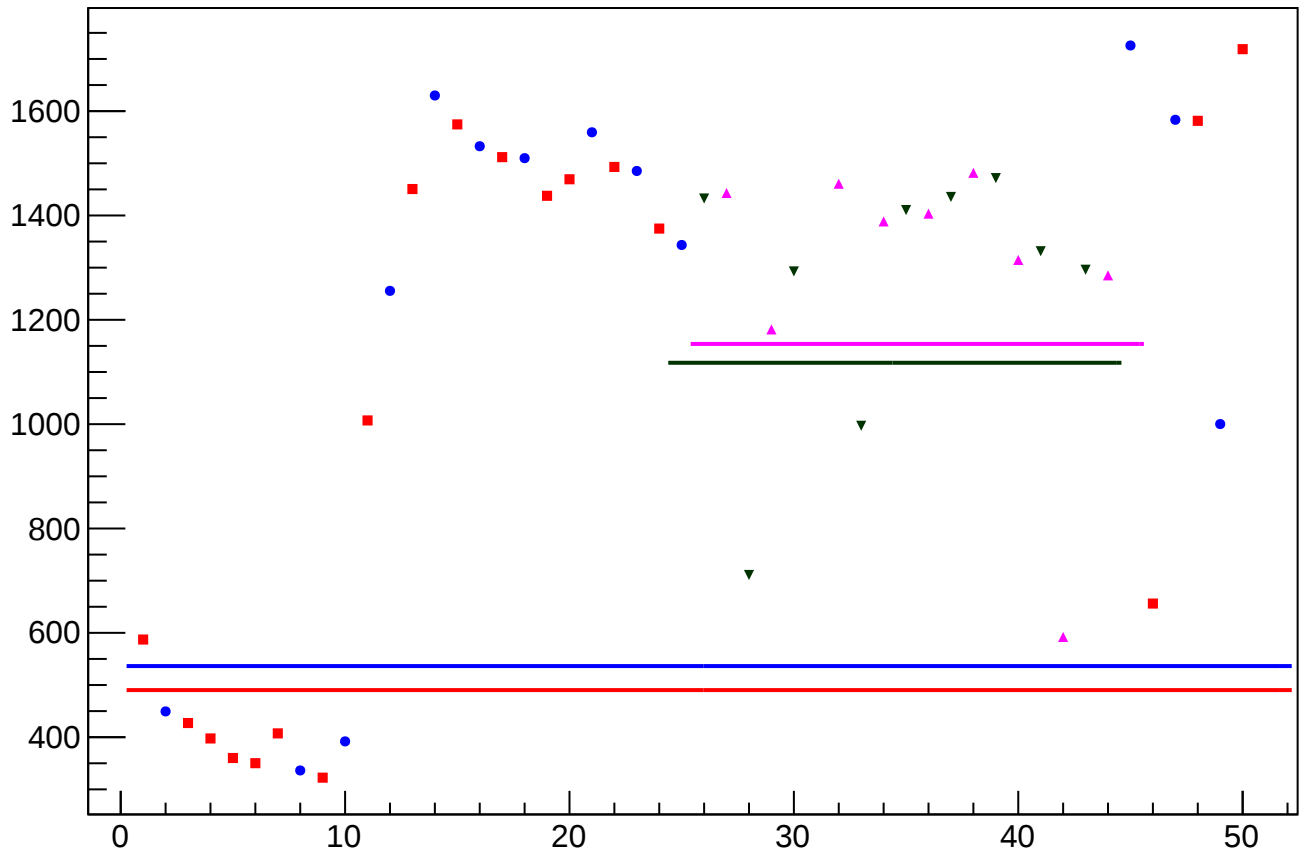
Left Out: 443.599 $\pm$ 545.326 χ^2 /NDF: 9.3/8

Right Out: 121.383 $\pm$ 205.664 χ^2 /NDF: 26.0/17

Left In: 16.228 $\pm$ 519.142 χ^2 /NDF: 6.7/8

224.336 $\pm$ 141.964 χ^2 /NDF: 53.3/48

asym_sam1_correction_rms vs slug



Right In: 536.332+/-0.163 χ^2/NDF : 5398290.0/12

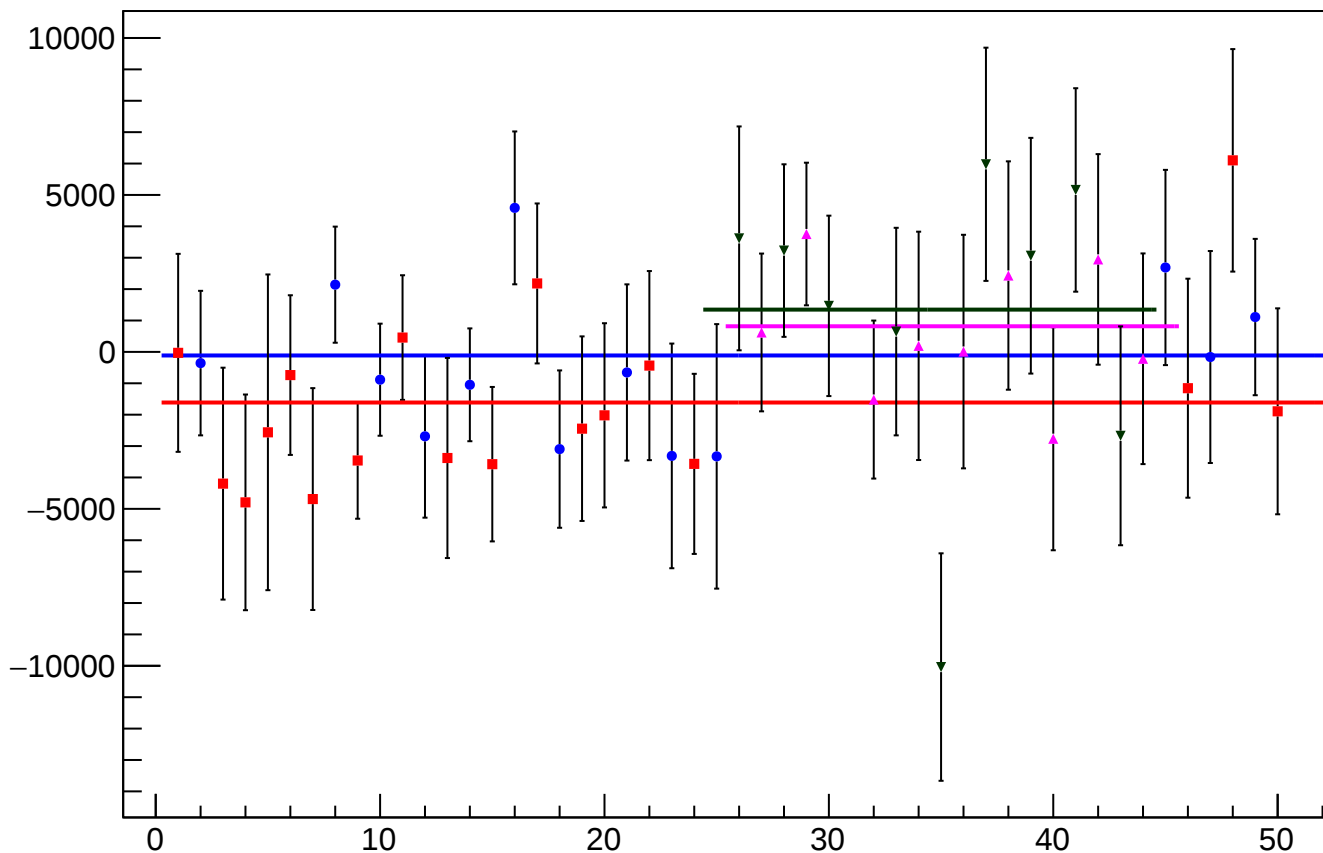
Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

599.961+/-0.100 χ^2/NDF : 16759186.7/48

Right Out: 490.281+/-0.145 χ^2/NDF : 5040553.0/17

Left In: 1153.785+/-0.367 χ^2/NDF : 894423.1/8

reg_asym_sam2_mean vs slug



Right In: -113.804+/-674.974 χ^2/NDF : 10.6/12

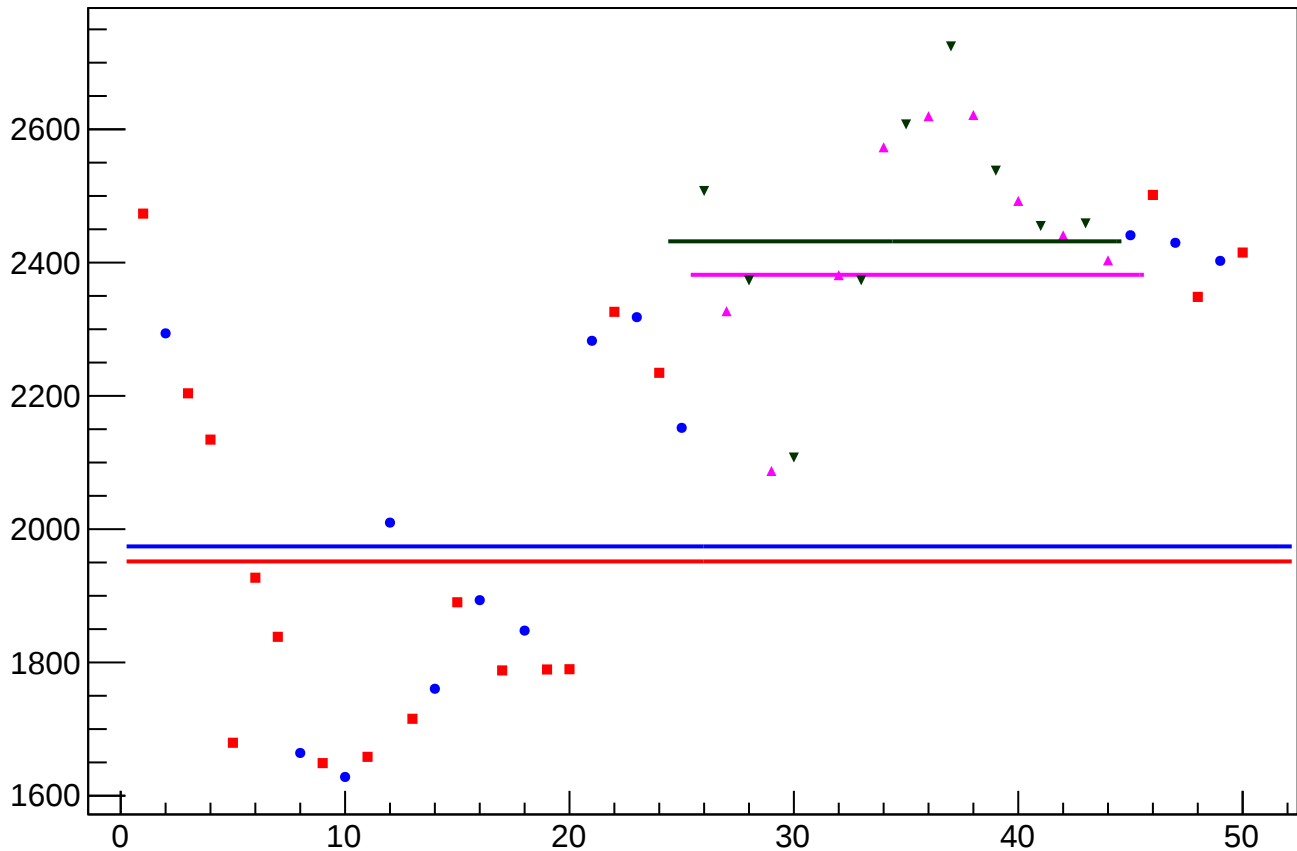
Left Out: 1347.049+/-1103.859 χ^2/NDF : 15.3/8

Right Out: -1612.596+/-672.217 χ^2/NDF : 13.2/17

Left In: 816.318+/-1004.864 χ^2/NDF : 4.3/8

-306.247+/-400.996 χ^2/NDF : 50.7/48

reg_asym_sam2_rms vs slug



Right In: 1974.134+/-0.477 χ^2/NDF : 392703.8/12

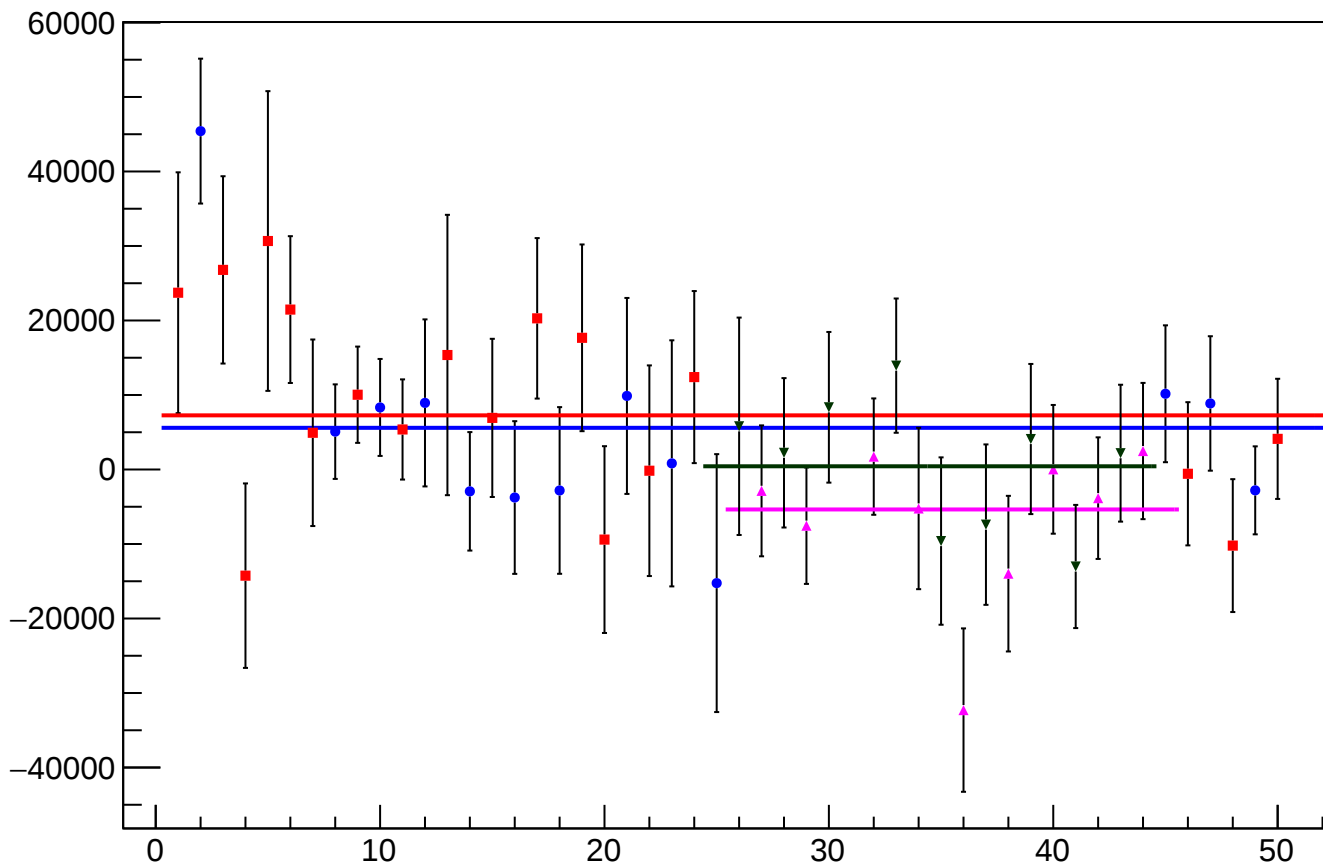
Left Out: 2431.909+/-0.781 χ^2/NDF : 46832.9/8

2091.425+/-0.284 χ^2/NDF : 1375668.2/48

Right Out: 1951.588+/-0.475 χ^2/NDF : 372420.9/17

Left In: 2381.708+/-0.711 χ^2/NDF : 59588.7/8

asym_sam2_correction_mean vs slug



Right In: 5593.806 ± 2455.135 $\chi^2/\text{NDF}: 23.6/12$

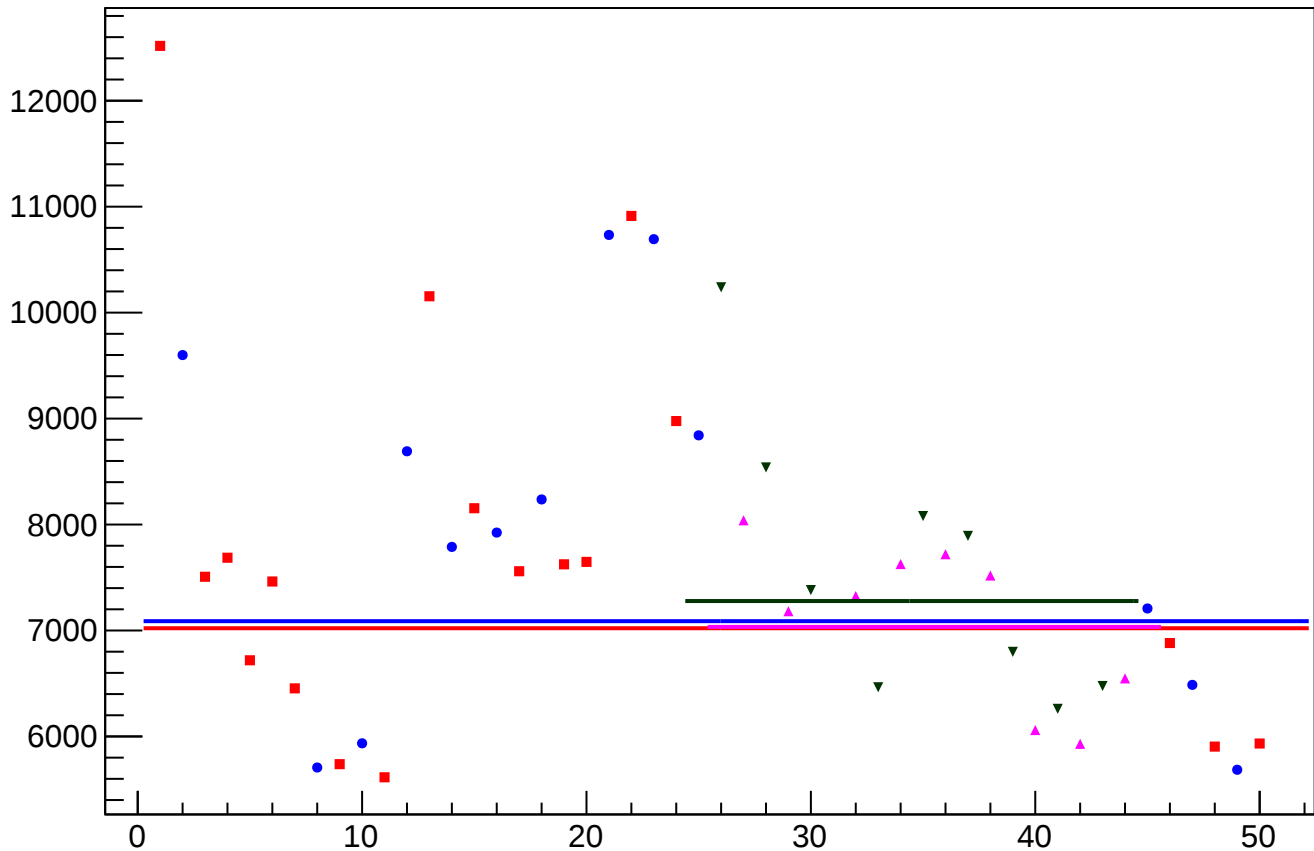
Left Out: 430.700 ± 3340.198 $\chi^2/\text{NDF}: 7.2/8$

Right Out: 7266.922 ± 2452.568 $\chi^2/\text{NDF}: 19.4/17$

Left In: -5364.101 ± 2986.755 $\chi^2/\text{NDF}: 8.9/8$

2947.164 ± 1368.607 $\chi^2/\text{NDF}: 71.7/48$

asym_sam2_correction_rms vs slug



Right In: 7088.147 $\pm$ 1.736 χ^2/NDF : 773285.0/12

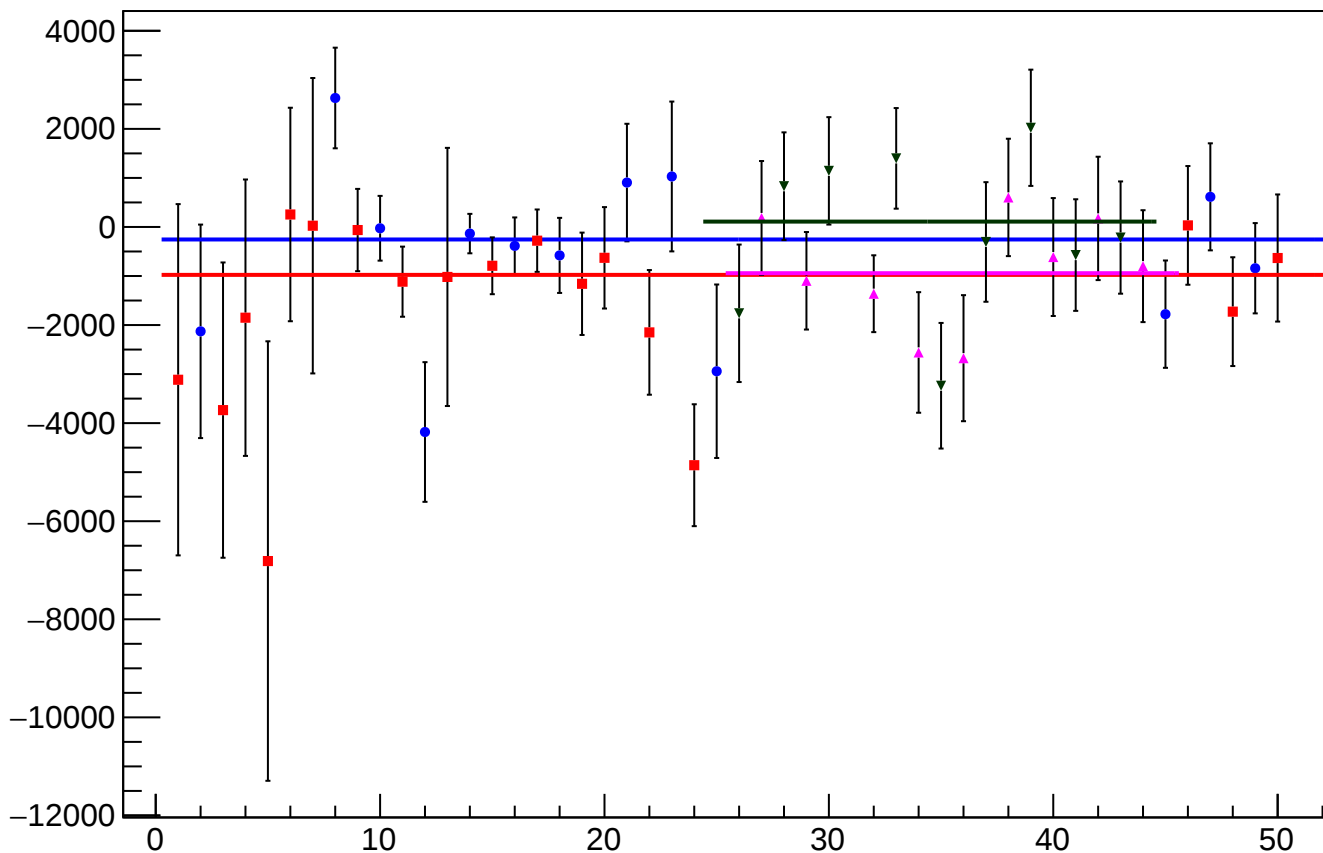
Left Out: 7278.054 $\pm$ 2.362 χ^2/NDF : 197341.3/8

Right Out: 7021.305 $\pm$ 1.734 χ^2/NDF : 785004.2/17

Left In: 7034.039 $\pm$ 2.112 χ^2/NDF : 115475.0/8

7087.854 $\pm$ 0.968 χ^2/NDF : 1879712.4/48

reg_asym_sam3_mean vs slug



Right In: -255.140 ± 228.766 χ^2/NDF : 23.6/12

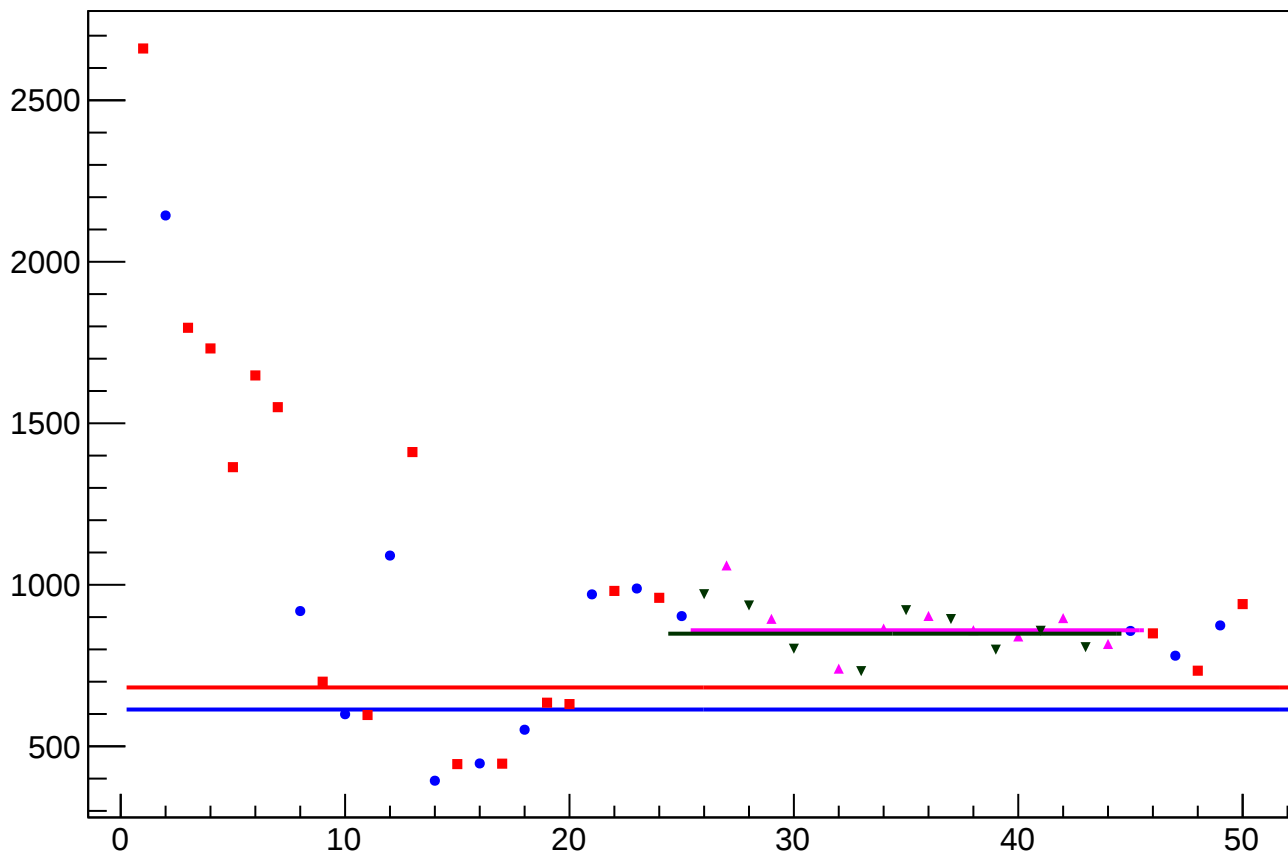
Left Out: 109.468 ± 387.723 χ^2/NDF : 14.7/8

Right Out: -976.999 ± 259.353 χ^2/NDF : 17.9/17

Left In: -942.699 ± 366.632 χ^2/NDF : 7.3/8

-534.366 ± 144.238 χ^2/NDF : 72.0/48

reg_asym_sam3_rms vs slug



Right In: 613.872 $\pm$ 0.162 χ^2 /NDF: 2824941.2/12

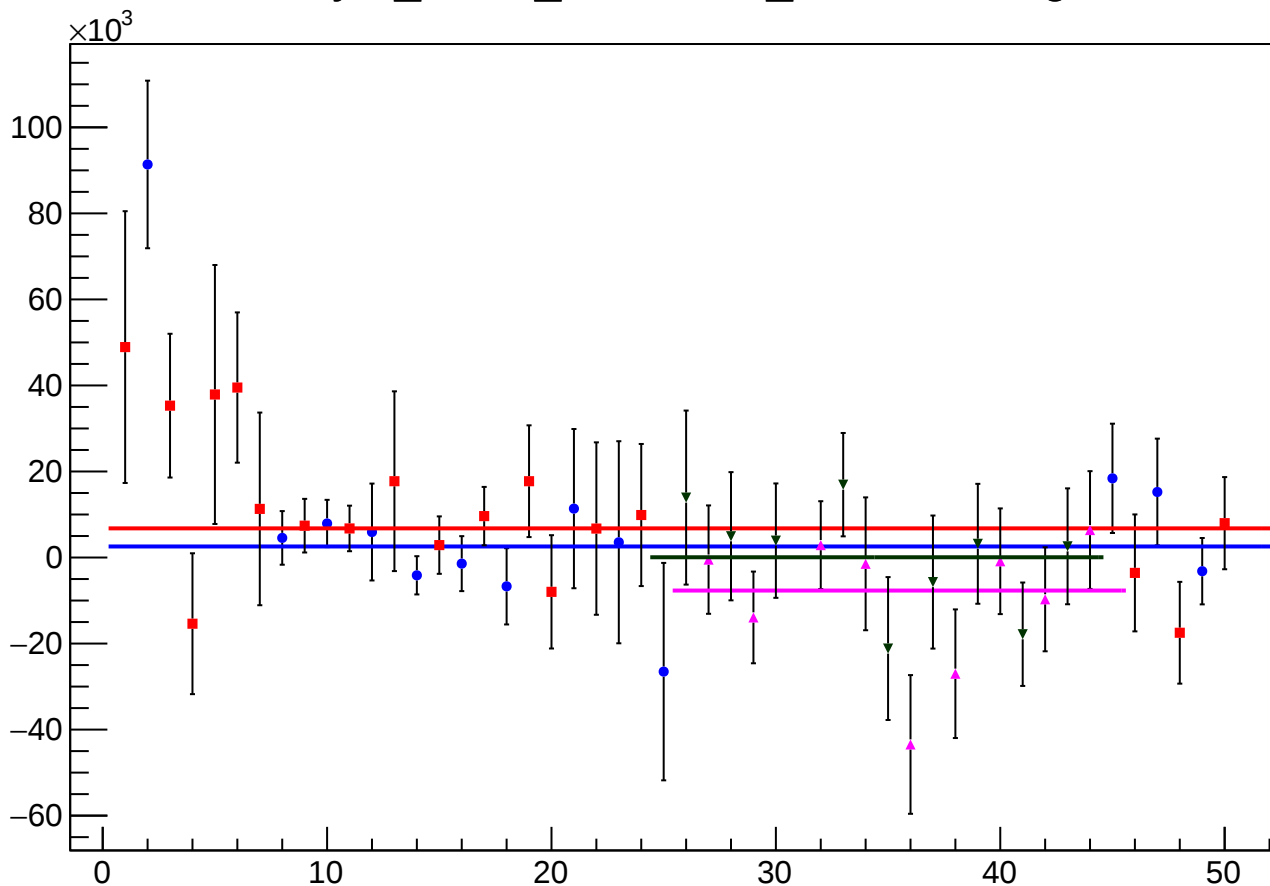
Left Out: 848.692 $\pm$ 0.274 χ^2 /NDF: 72527.0/8

Right Out: 682.190 $\pm$ 0.183 χ^2 /NDF: 2901778.9/17

Left In: 859.214 $\pm$ 0.259 χ^2 /NDF: 115718.5/8

705.473 $\pm$ 0.102 χ^2 /NDF: 6876318.8/48

asym_sam3_correction_mean vs slug



Right In: 2568.726 $\pm$ 2275.913 χ^2 /NDF: 30.4/12

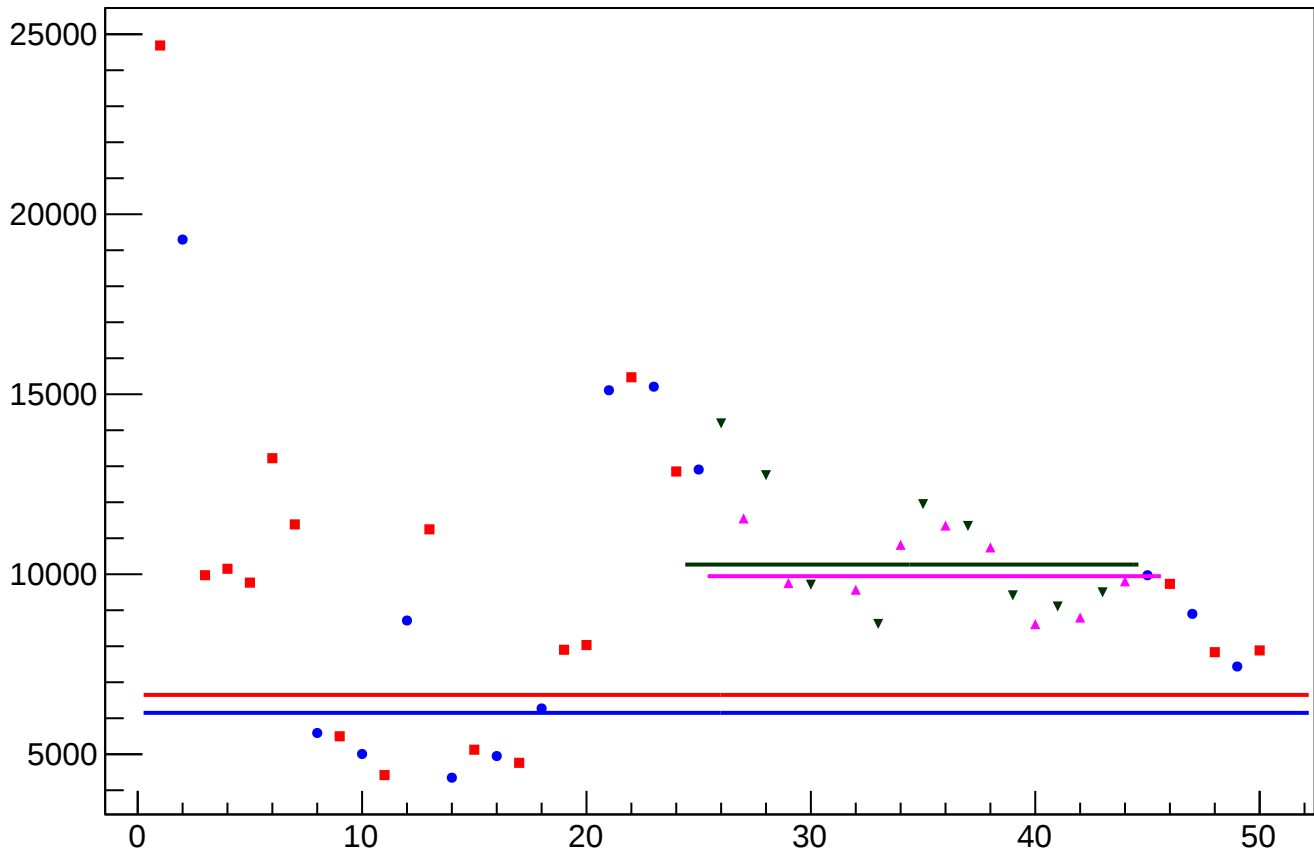
Left Out: 59.920 $\pm$ 4718.227 χ^2 /NDF: 6.7/8

2554.619 $\pm$ 1481.425 χ^2 /NDF: 74.8/48

Right Out: 6777.291 $\pm$ 2487.179 χ^2 /NDF: 18.8/17

Left In: -7677.411 $\pm$ 4224.746 χ^2 /NDF: 9.9/8

asym_sam3_correction_rms vs slug



Right In: 6149.775+/-1.609 χ^2/NDF : 2761544.7/12

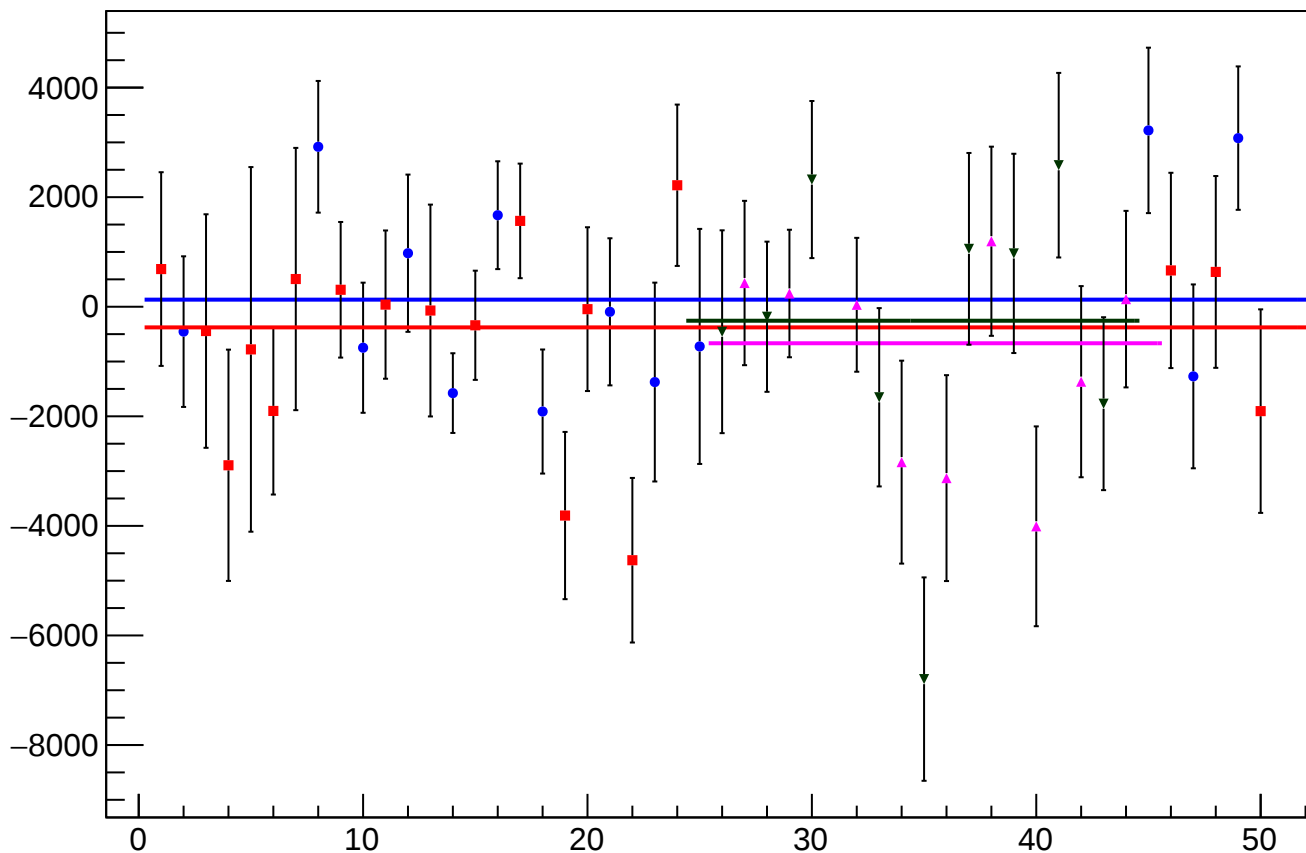
Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8

7199.669+/-1.048 χ^2/NDF : 8172538.1/48

Right Out: 6648.410+/-1.759 χ^2/NDF : 2855282.2/17

Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 129.474+/-341.562 χ^2/NDF : 28.5/12

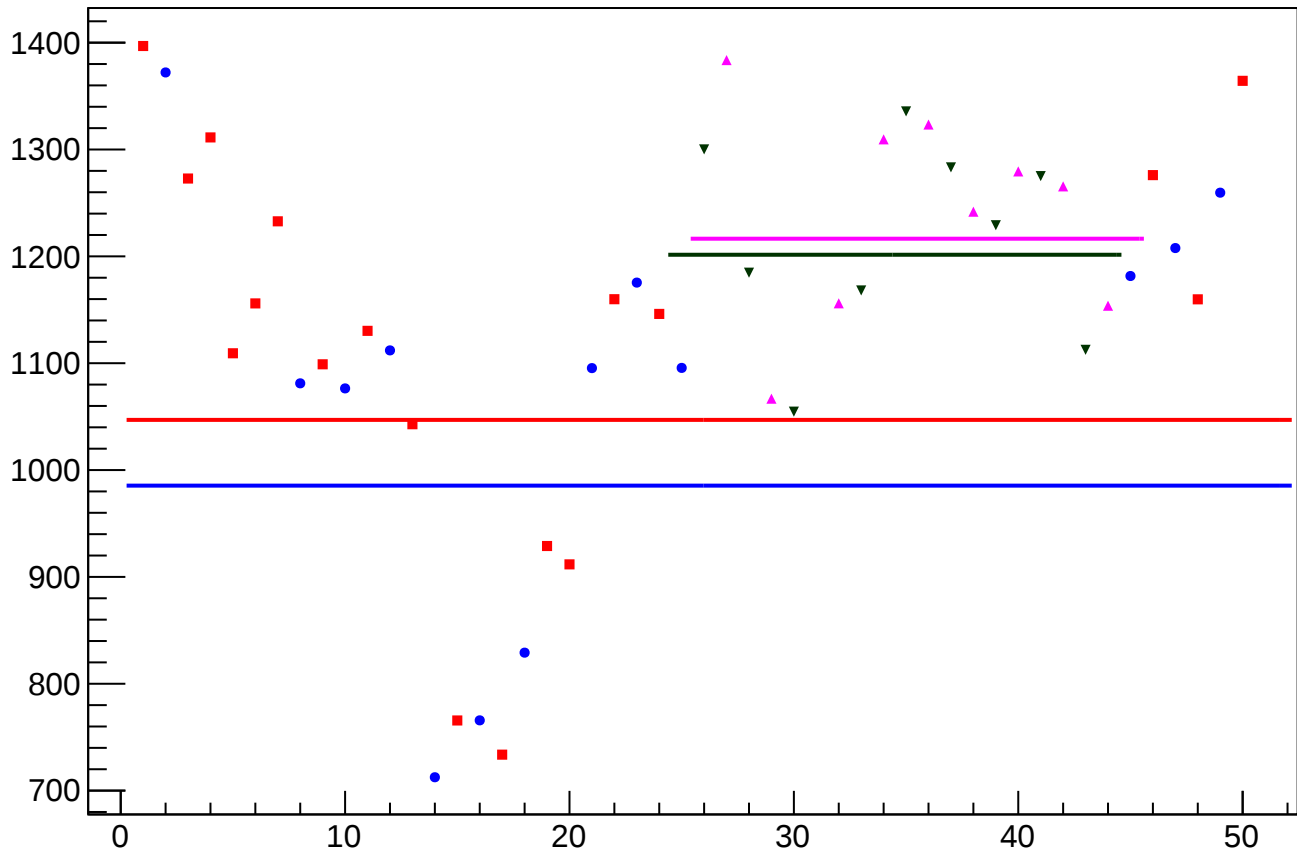
Left Out: -255.316+/-545.443 χ^2/NDF : 21.2/8

Right Out: -376.851+/-363.722 χ^2/NDF : 24.4/17

Left In: -666.576+/-514.516 χ^2/NDF : 9.5/8

-219.816+/-207.305 χ^2/NDF : 85.6/48

reg_asym_sam4_rms vs slug



Right In: 985.427+/-0.242 χ^2/NDF : 814810.7/12

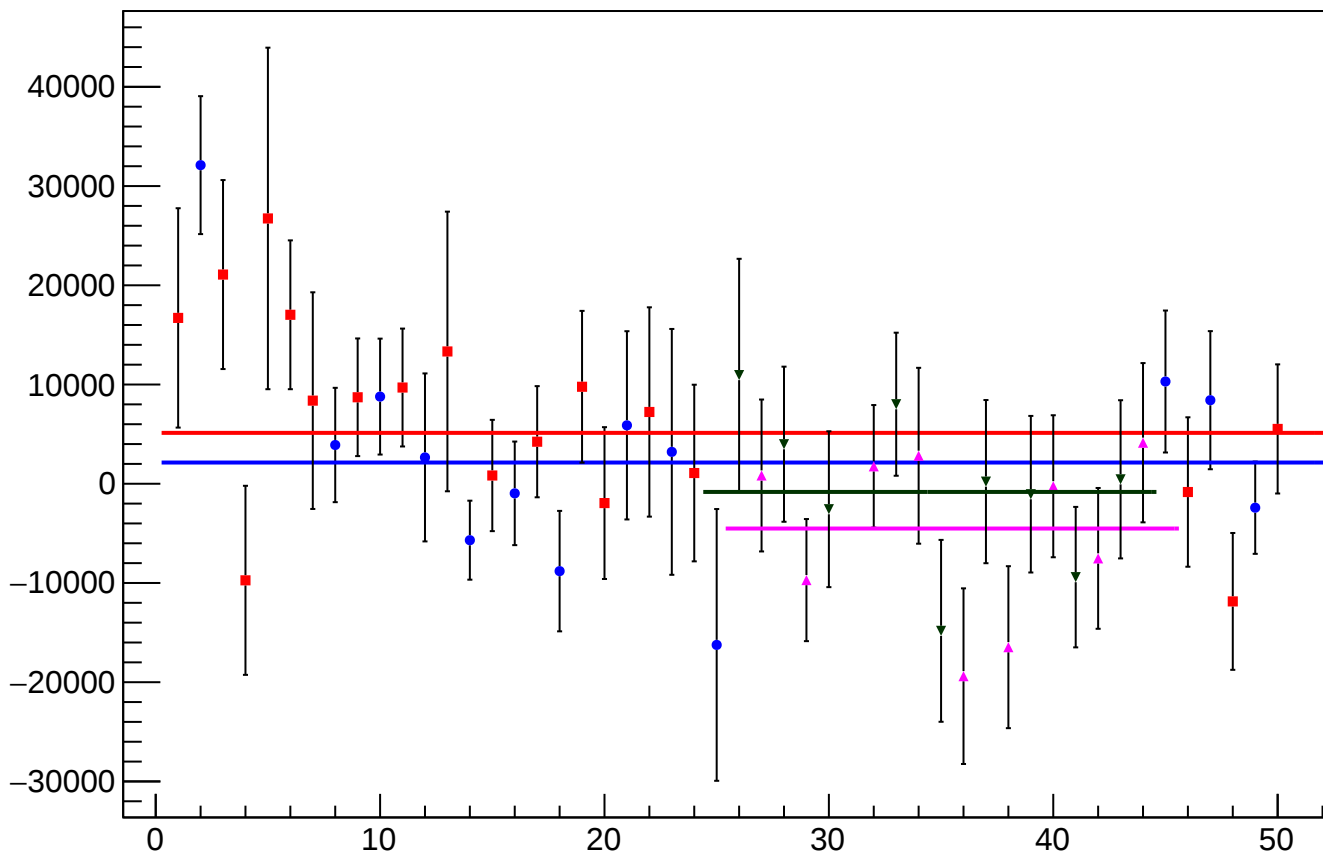
Left Out: 1201.502+/-0.386 χ^2/NDF : 53243.4/8

1074.141+/-0.147 χ^2/NDF : 2011751.1/48

Right Out: 1046.953+/-0.257 χ^2/NDF : 653626.2/17

Left In: 1216.522+/-0.364 χ^2/NDF : 81773.0/8

asym_sam4_correction_mean vs slug



Right In: 2138.728 ± 1739.582 $\chi^2/\text{NDF}: 32.5/12$

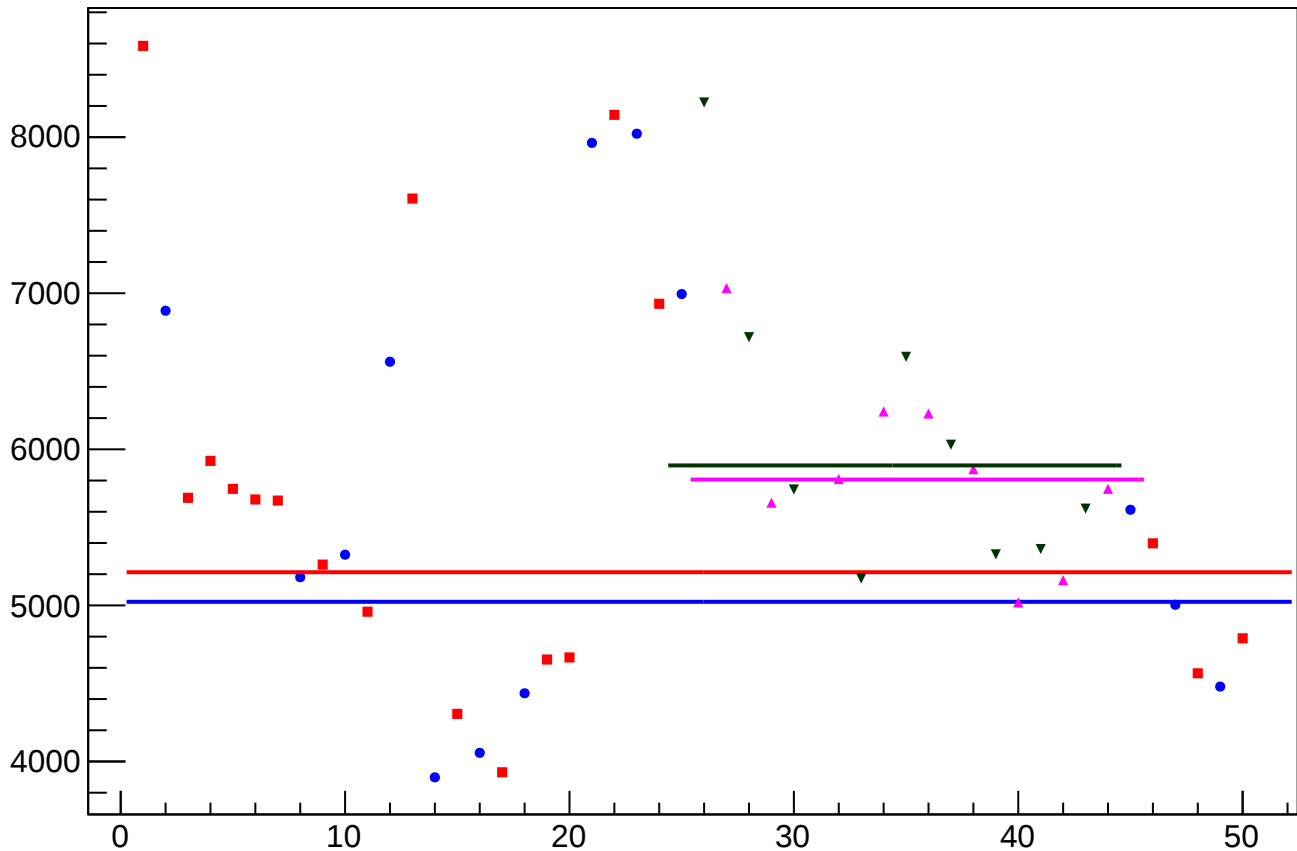
Left Out: -824.542 ± 2696.175 $\chi^2/\text{NDF}: 6.8/8$

Right Out: 5128.030 ± 1815.627 $\chi^2/\text{NDF}: 20.6/17$

Left In: -4513.128 ± 2460.890 $\chi^2/\text{NDF}: 9.6/8$

1498.872 ± 1033.350 $\chi^2/\text{NDF}: 80.3/48$

asym_sam4_correction_rms vs slug



Right In: 5023.078+/-1.230 χ^2 /NDF: 855683.1/12

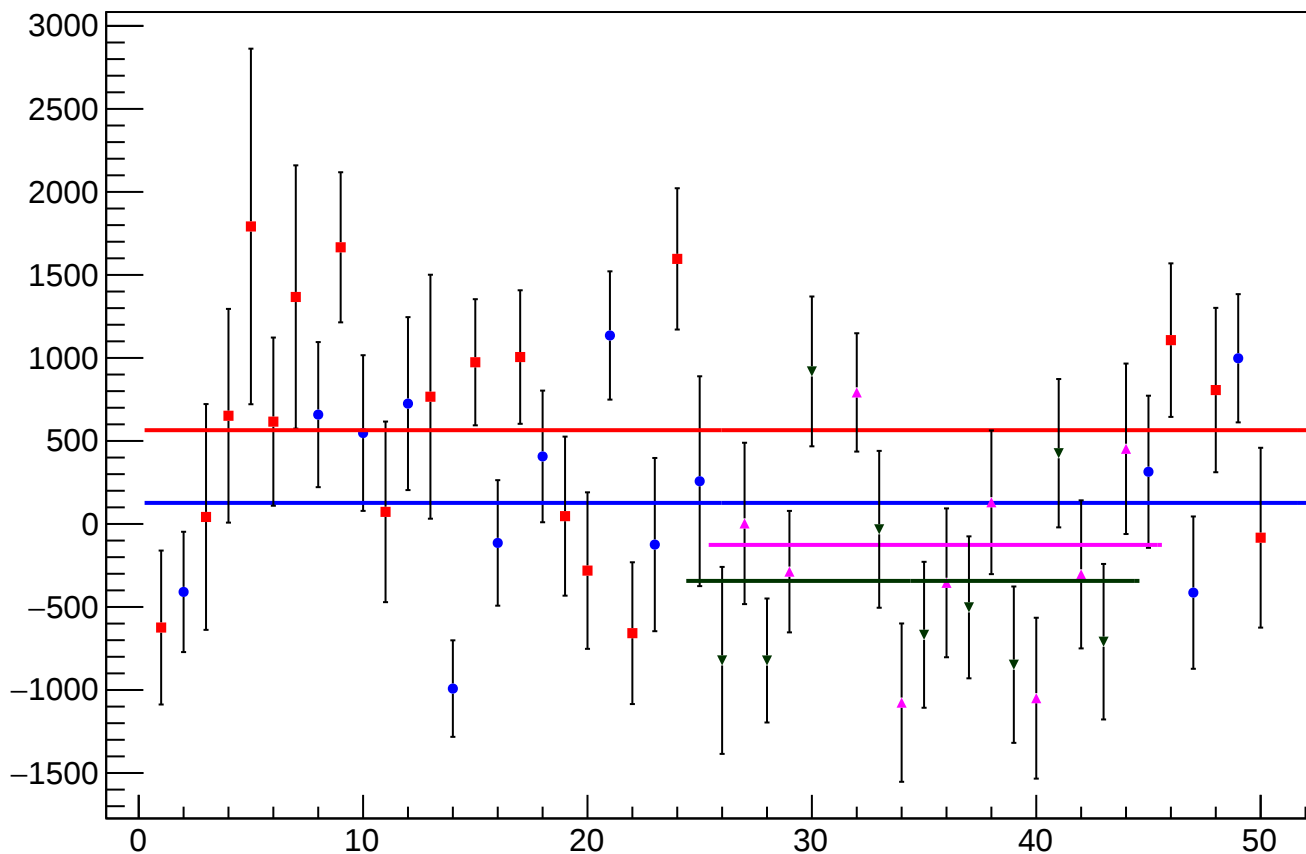
Left Out: 5896.806+/-1.906 χ^2 /NDF:158167.8/8

5350.910+/-0.731 χ^2 /NDF: 2061230.8/48

Right Out: 5212.623+/-1.284 χ^2 /NDF: 711428.9/17

Left In: 5806.242+/-1.740 χ^2 /NDF:102860.0/8

reg_asym_sam5_mean vs slug



Right In: 126.904 $\pm$ 115.179 χ^2 /NDF: 35.2/12

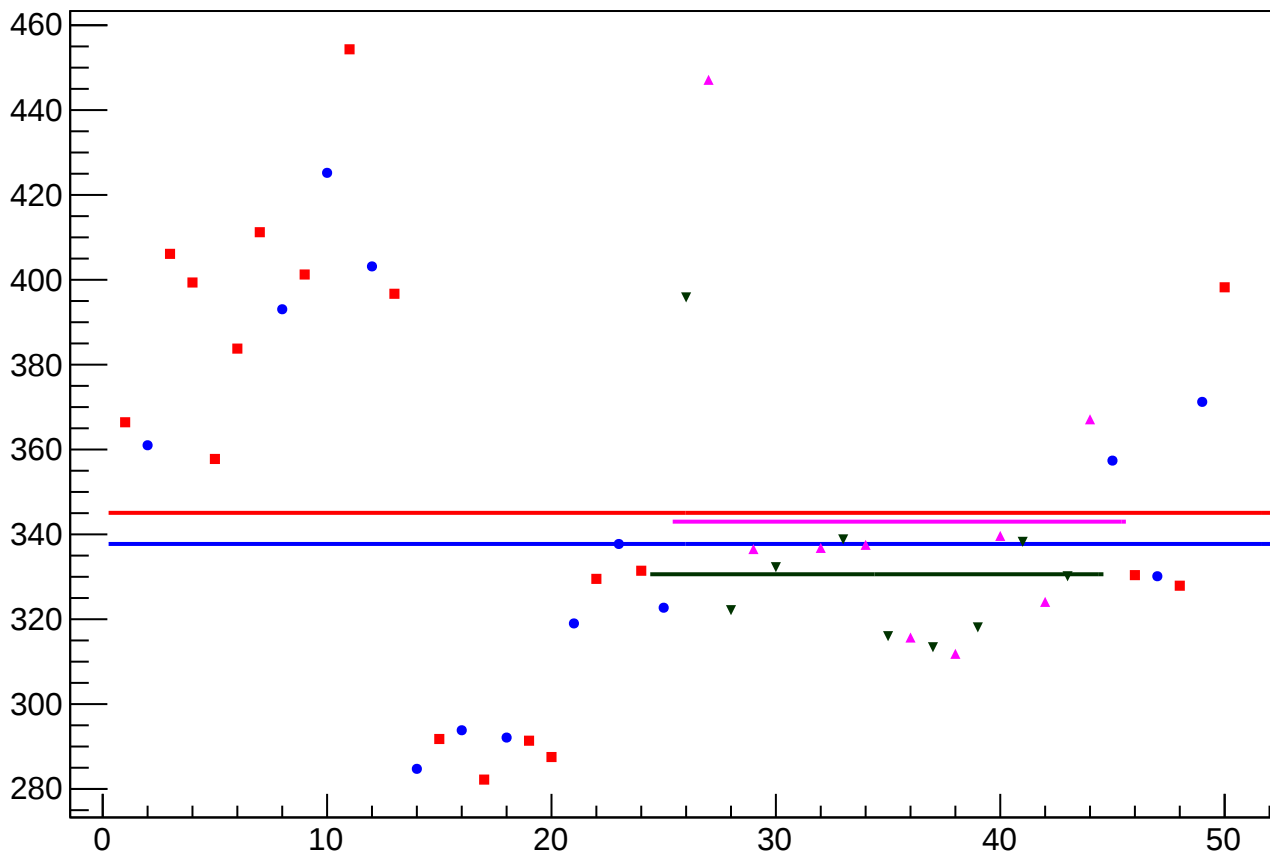
Left Out: -342.981 $\pm$ 150.000 χ^2 /NDF:16.0/8

Right Out: 564.825 $\pm$ 118.796 χ^2 /NDF: 40.2/17

Left In: -126.114 $\pm$ 145.287 χ^2 /NDF:16.5/8

119.176 $\pm$ 64.813 χ^2 /NDF: 134.5/48

reg_asym_sam5_rms vs slug



Right In: 337.743+/-0.081 χ^2/NDF : 286491.9/12

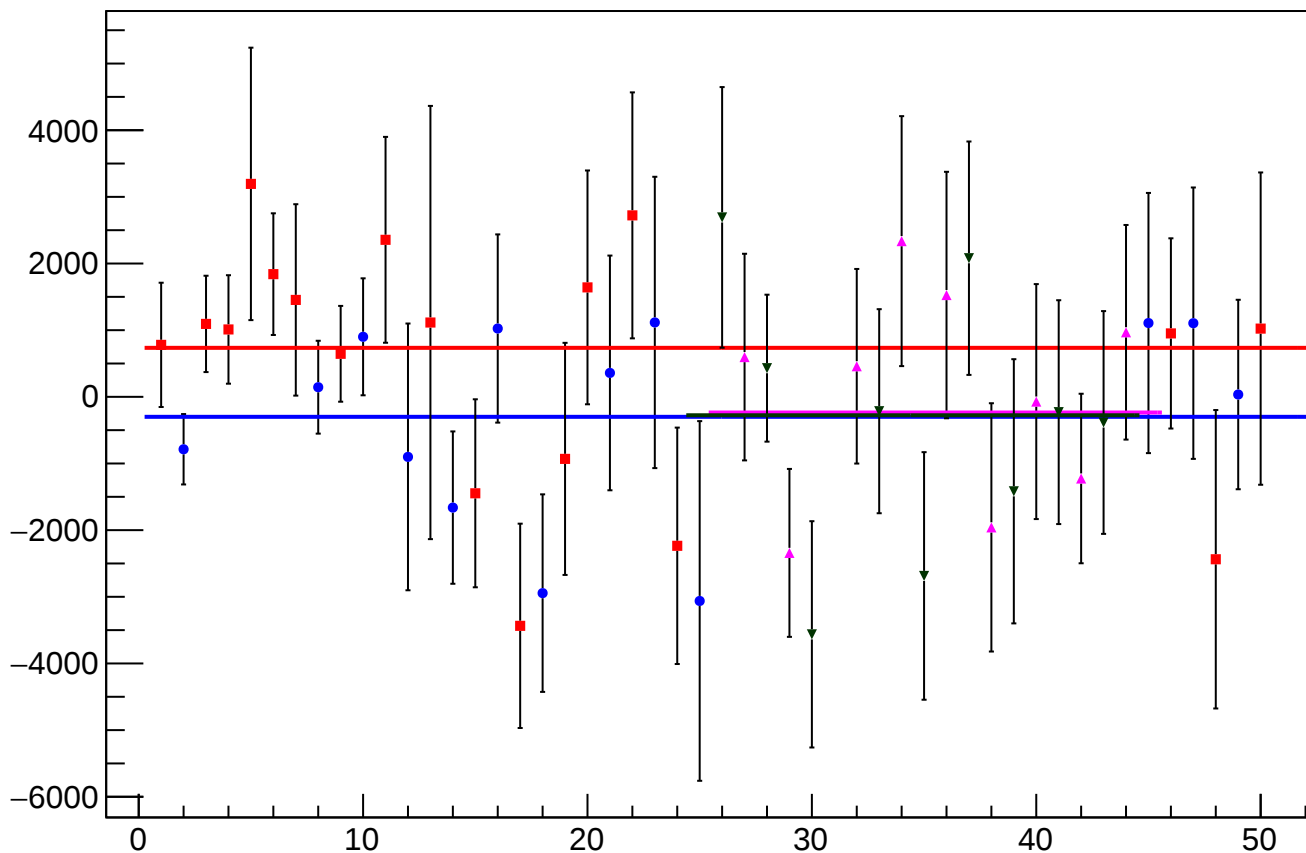
Left Out: 330.601+/-0.106 χ^2/NDF : 35957.8/8

Right Out: 345.075+/-0.084 χ^2/NDF : 353498.8/17

Left In: 342.998+/-0.103 χ^2/NDF : 119222.4/8

339.638+/-0.046 χ^2/NDF : 808230.3/48

asym_sam5_correction_mean vs slug



Right In: -299.922 ± 307.320 $\chi^2/\text{NDF}: 11.4/12$

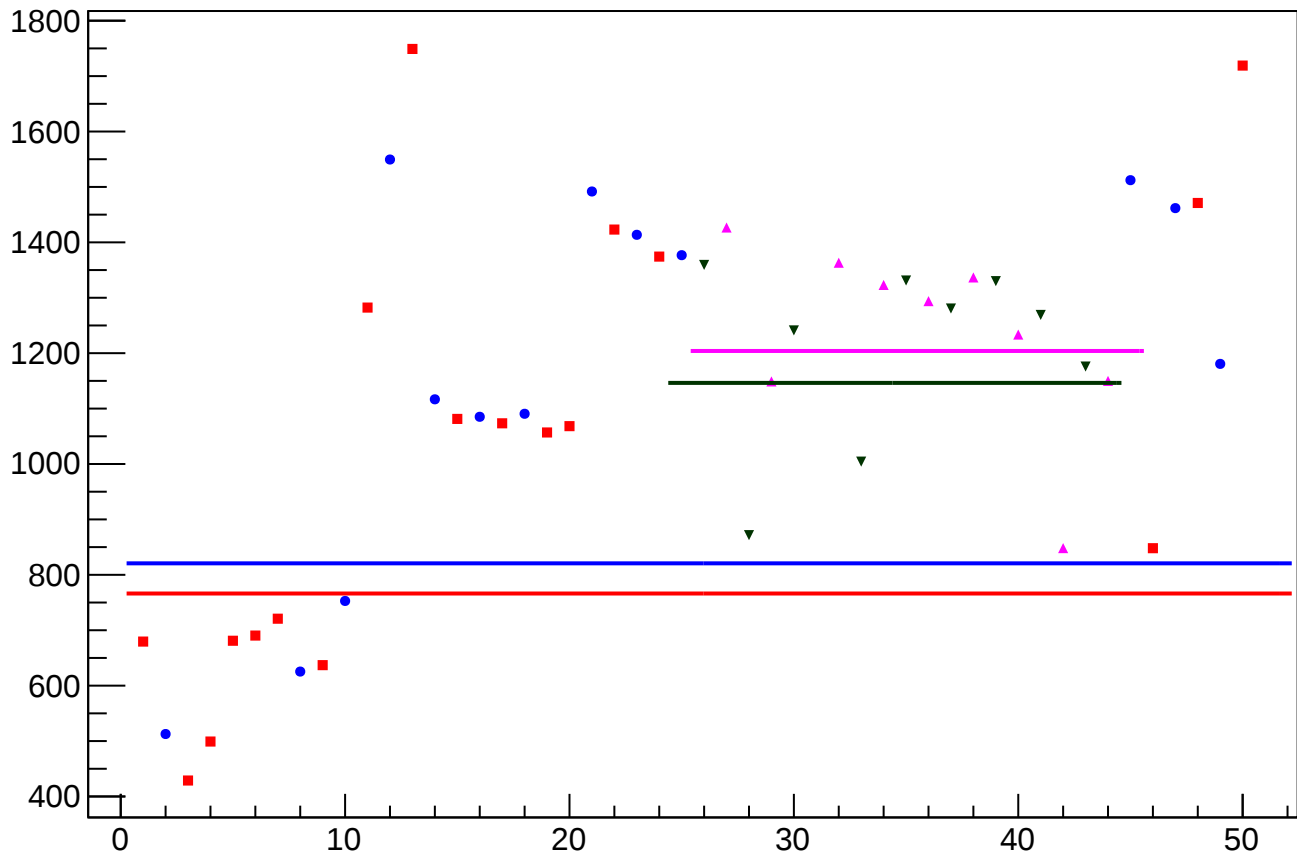
Left Out: -276.488 ± 539.013 $\chi^2/\text{NDF}: 10.3/8$

Right Out: 735.074 ± 288.443 $\chi^2/\text{NDF}: 21.7/17$

Left In: -235.272 ± 519.379 $\chi^2/\text{NDF}: 8.1/8$

128.902 ± 183.320 $\chi^2/\text{NDF}: 58.9/48$

asym_sam5_correction_rms vs slug



Right In: 820.732+/-0.217 χ^2/NDF : 2486155.3/12

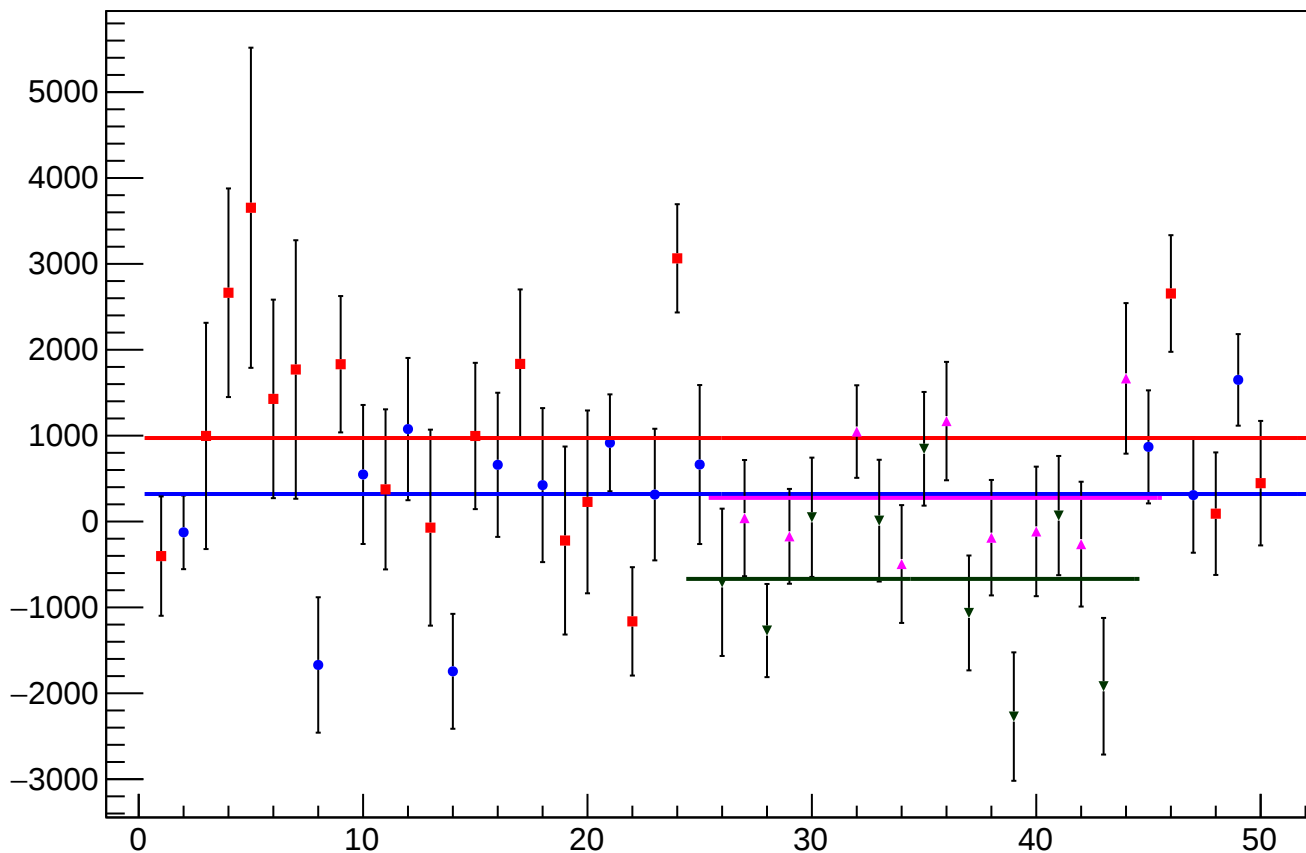
Left Out: 1146.369+/-0.381 χ^2/NDF : 231446.2/8

Right Out: 766.277+/-0.204 χ^2/NDF : 2478543.5/17

Left In: 1203.975+/-0.367 χ^2/NDF : 251275.8/8

884.148+/-0.130 χ^2/NDF : 7098282.7/48

reg_asym_sam6_mean vs slug



Right In: 320.405+/-185.767 χ^2/NDF : 26.2/12

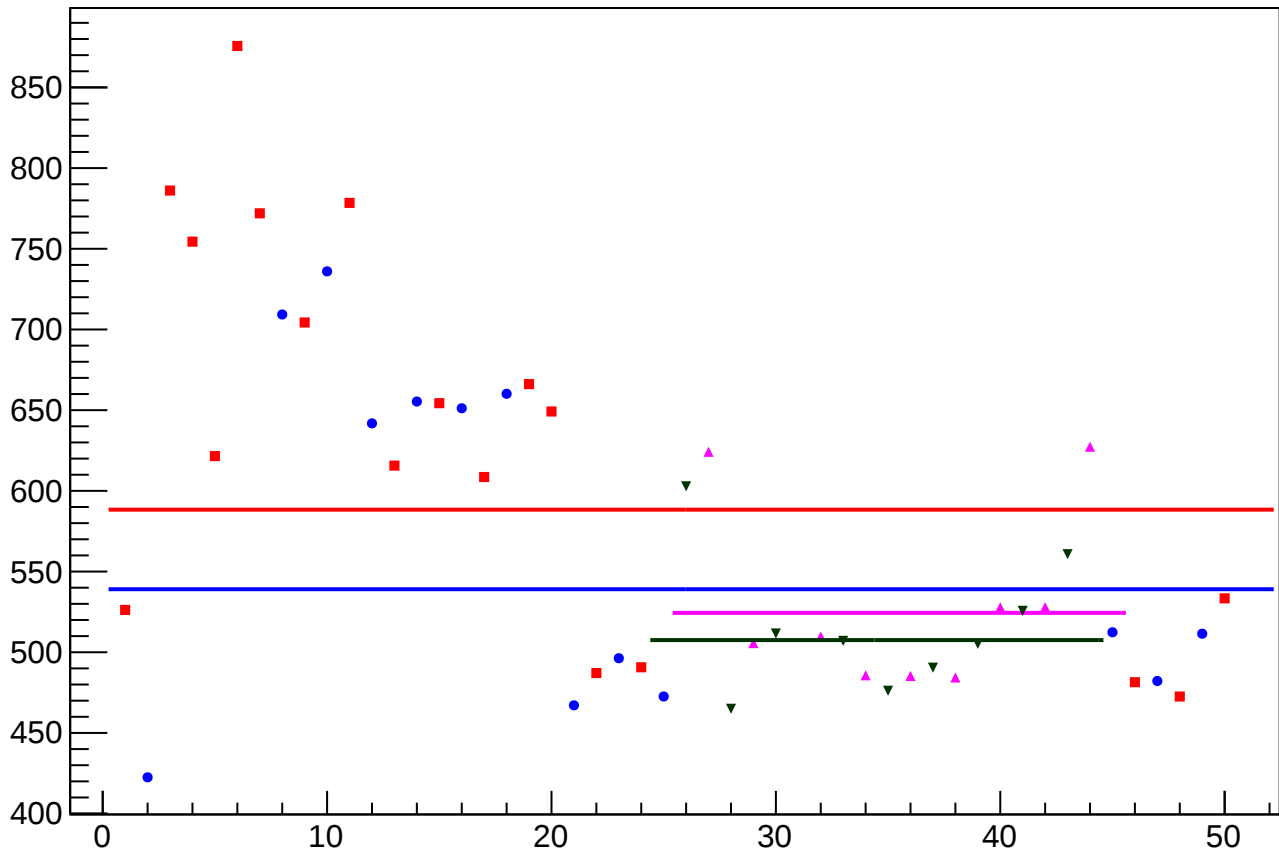
Left Out: -668.141+/-230.723 χ^2/NDF : 17.0/8

Right Out: 972.417+/-204.984 χ^2/NDF : 44.1/17

Left In: 275.250+/-221.925 χ^2/NDF : 9.6/8

277.194+/-104.333 χ^2/NDF : 125.3/48

reg_asym_sam6_rms vs slug



Right In: 539.054+/-0.131 χ^2/NDF : 594586.5/12

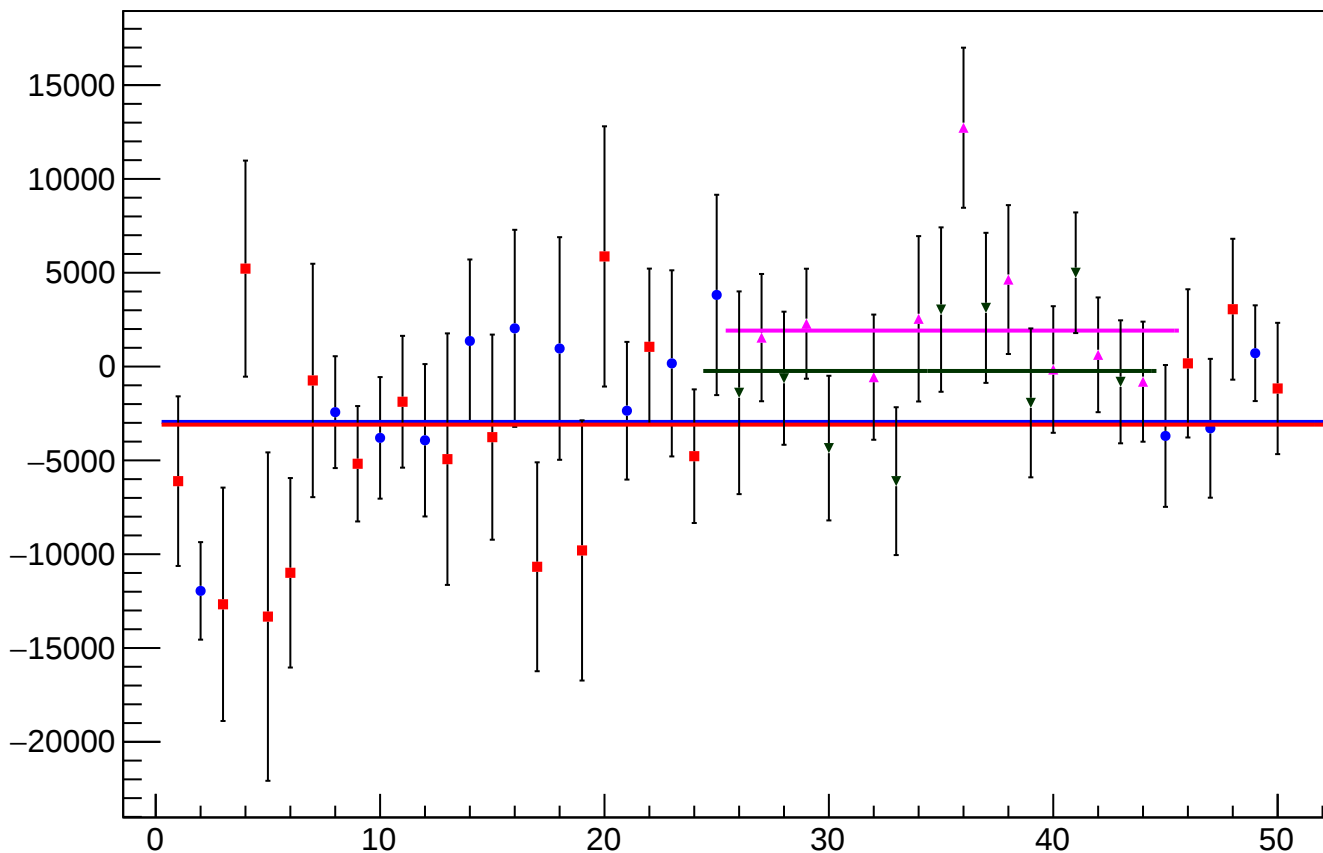
Left Out: 507.540+/-0.163 χ^2/NDF : 53222.5/8

Right Out: 588.356+/-0.145 χ^2/NDF : 622437.5/17

Left In: 524.413+/-0.157 χ^2/NDF : 94852.7/8

542.146+/-0.074 χ^2/NDF : 1525055.1/48

asym_sam6_correction_mean vs slug



Right In: -2950.897 $\pm$ 1009.699 χ^2 /NDF: 18.6/12

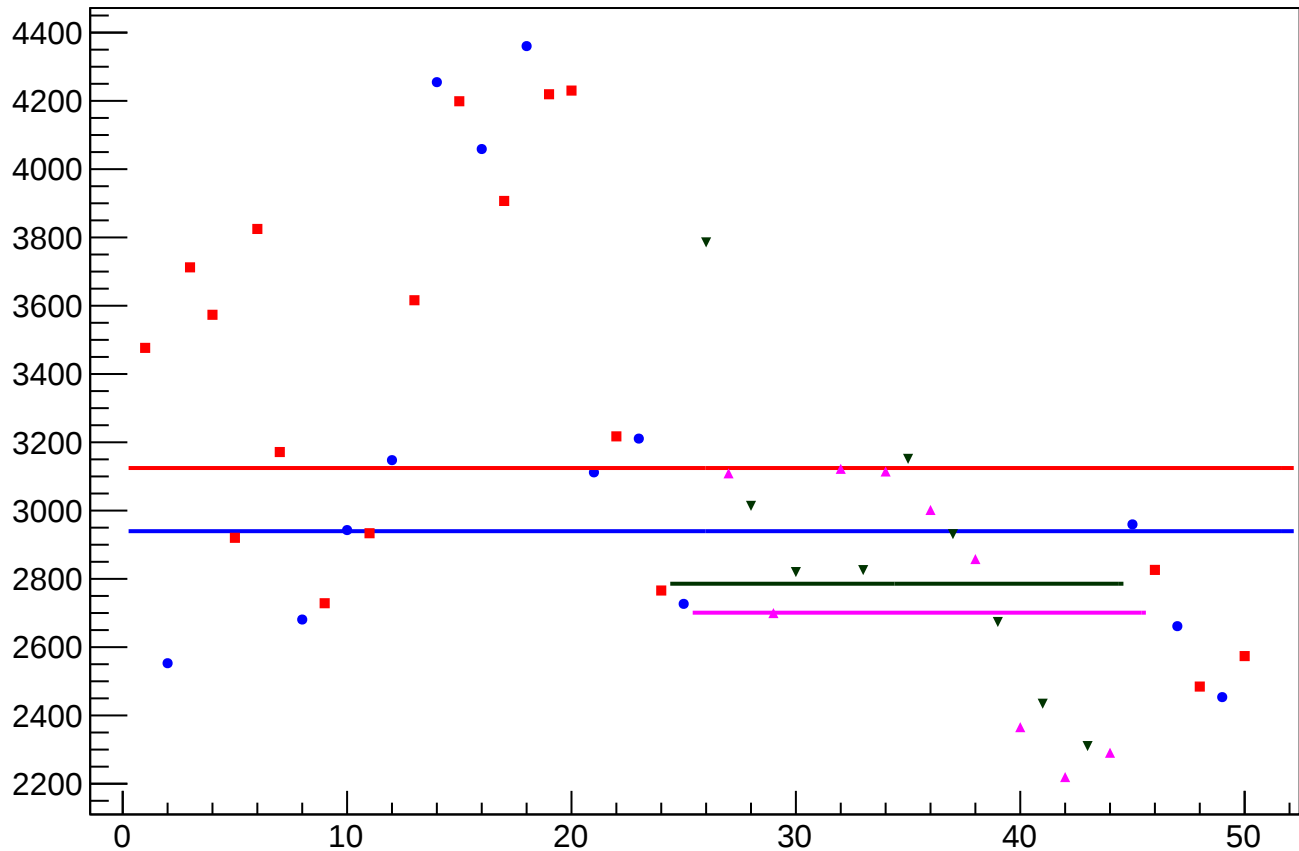
Left Out: -235.020 $\pm$ 1276.692 χ^2 /NDF: 7.5/8

-1320.434 $\pm$ 558.779 χ^2 /NDF: 67.7/48

Right Out: -3094.784 $\pm$ 1082.966 χ^2 /NDF: 18.9/17

Left In: 1916.764 $\pm$ 1150.358 χ^2 /NDF: 8.8/8

asym_sam6_correction_rms vs slug



Right In: 2939.688+/-0.714 χ^2/NDF : 551061.0/12

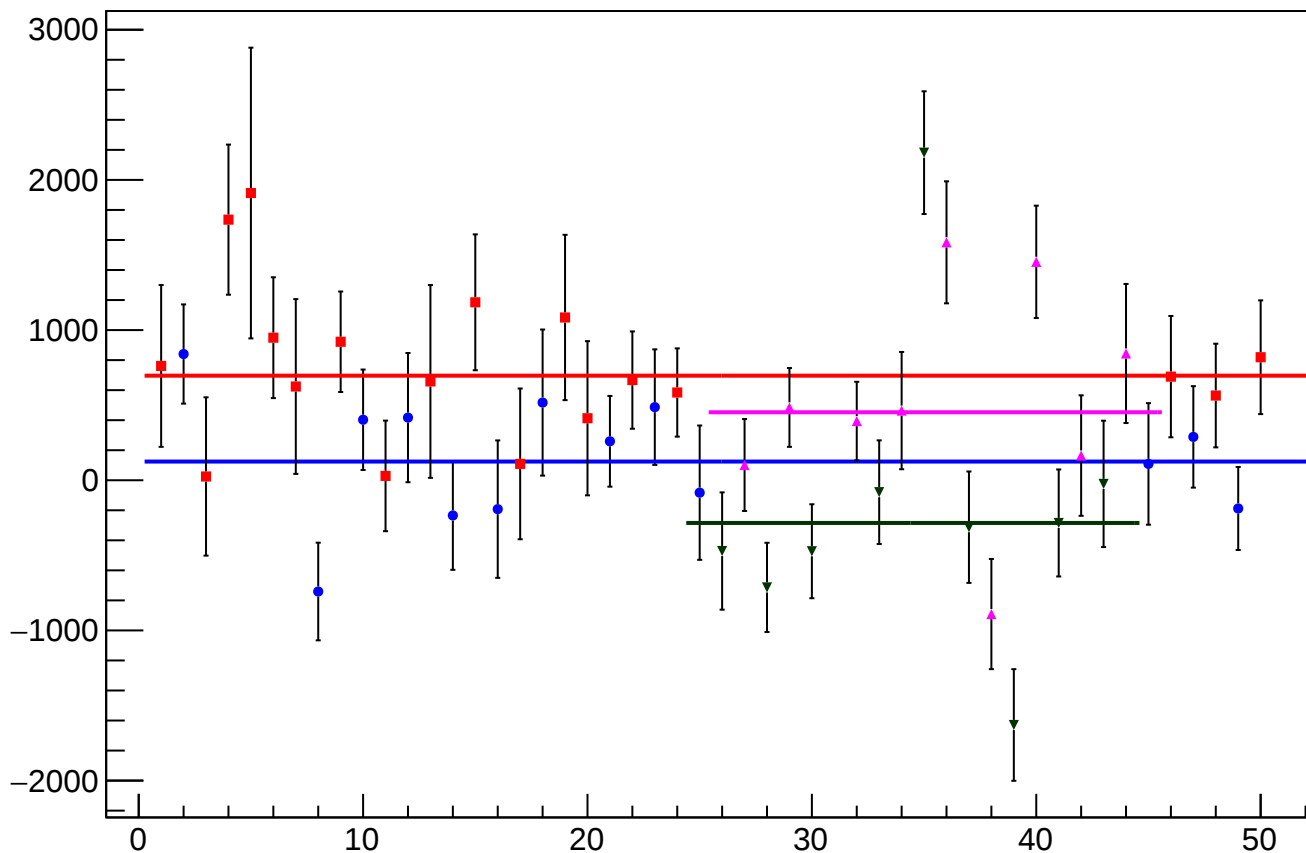
Left Out: 2785.776+/-0.903 χ^2/NDF : 161309.1/8

2903.119+/-0.395 χ^2/NDF : 1560594.8/48

Right Out: 3124.654+/-0.766 χ^2/NDF : 489461.0/17

Left In: 2700.958+/-0.813 χ^2/NDF : 193784.6/8

reg_asym_sam7_mean vs slug



Right In: 124.521 $\pm$ 99.864 χ^2 /NDF: 17.9/12

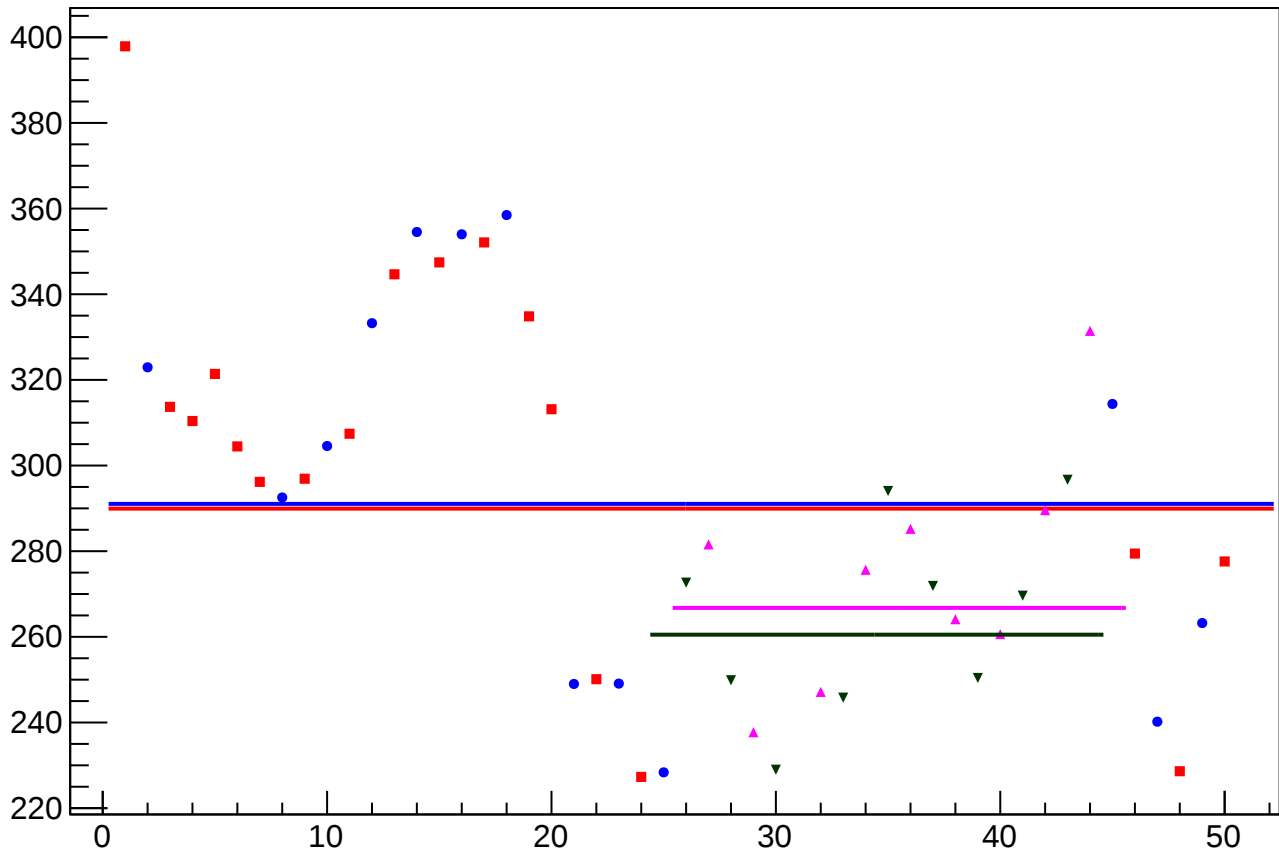
Left Out: -284.306 $\pm$ 119.075 χ^2 /NDF: 52.9/8

Right Out: 696.411 $\pm$ 100.741 χ^2 /NDF: 15.4/17

Left In: 452.715 $\pm$ 113.322 χ^2 /NDF: 31.0/8

277.381 $\pm$ 53.667 χ^2 /NDF: 161.5/48

reg_asym_sam7_rms vs slug



Right In: 291.049 $\pm$ 0.071 χ^2 /NDF: 353044.3/12

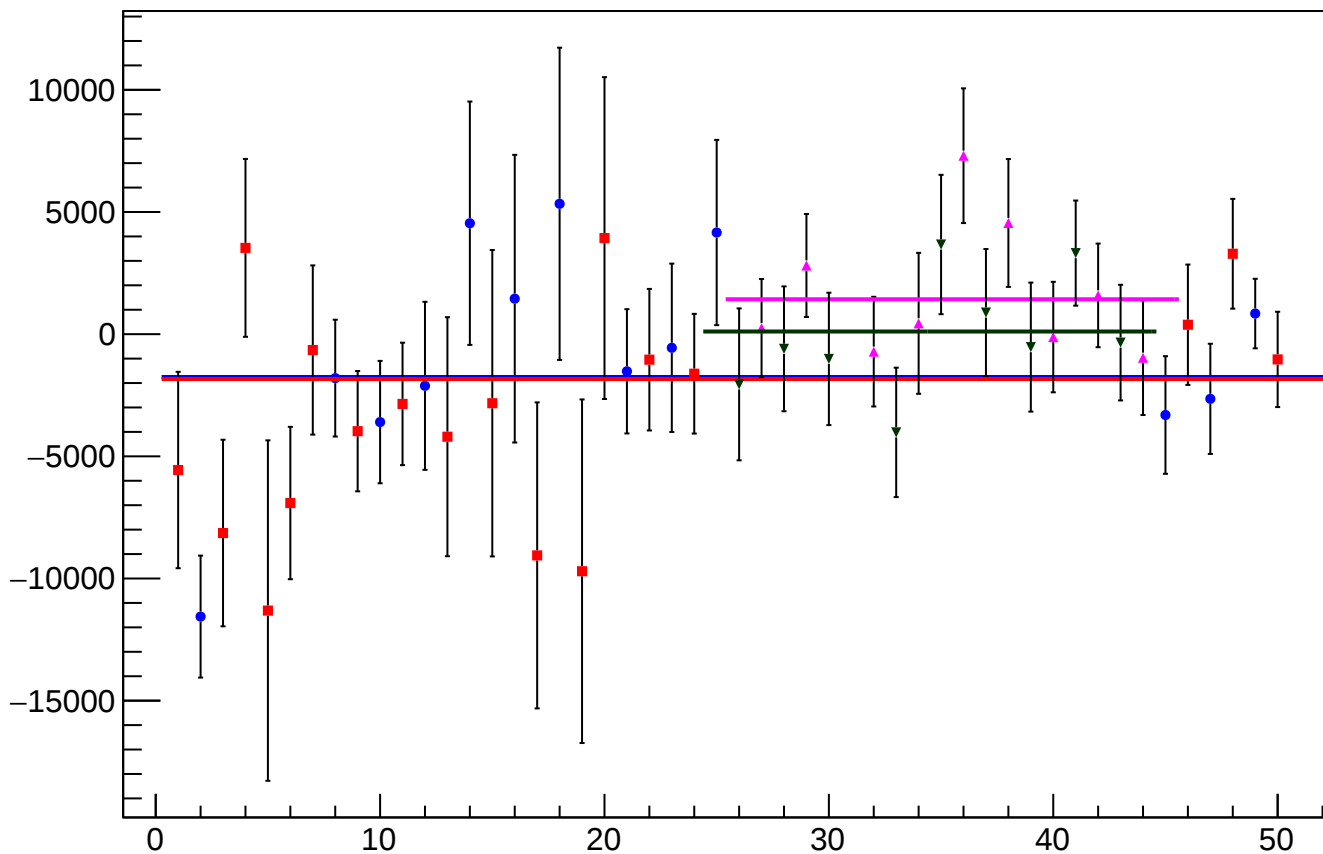
Left Out: 260.507 $\pm$ 0.084 χ^2 /NDF: 61380.6/8

Right Out: 289.939 $\pm$ 0.071 χ^2 /NDF: 380648.3/17

Left In: 266.764 $\pm$ 0.080 χ^2 /NDF: 91725.0/8

279.083 $\pm$ 0.038 χ^2 /NDF: 1011046.0/48

asym_sam7_correction_mean vs slug



Right In: -1752.876+/-736.193 χ^2/NDF : 25.6/12

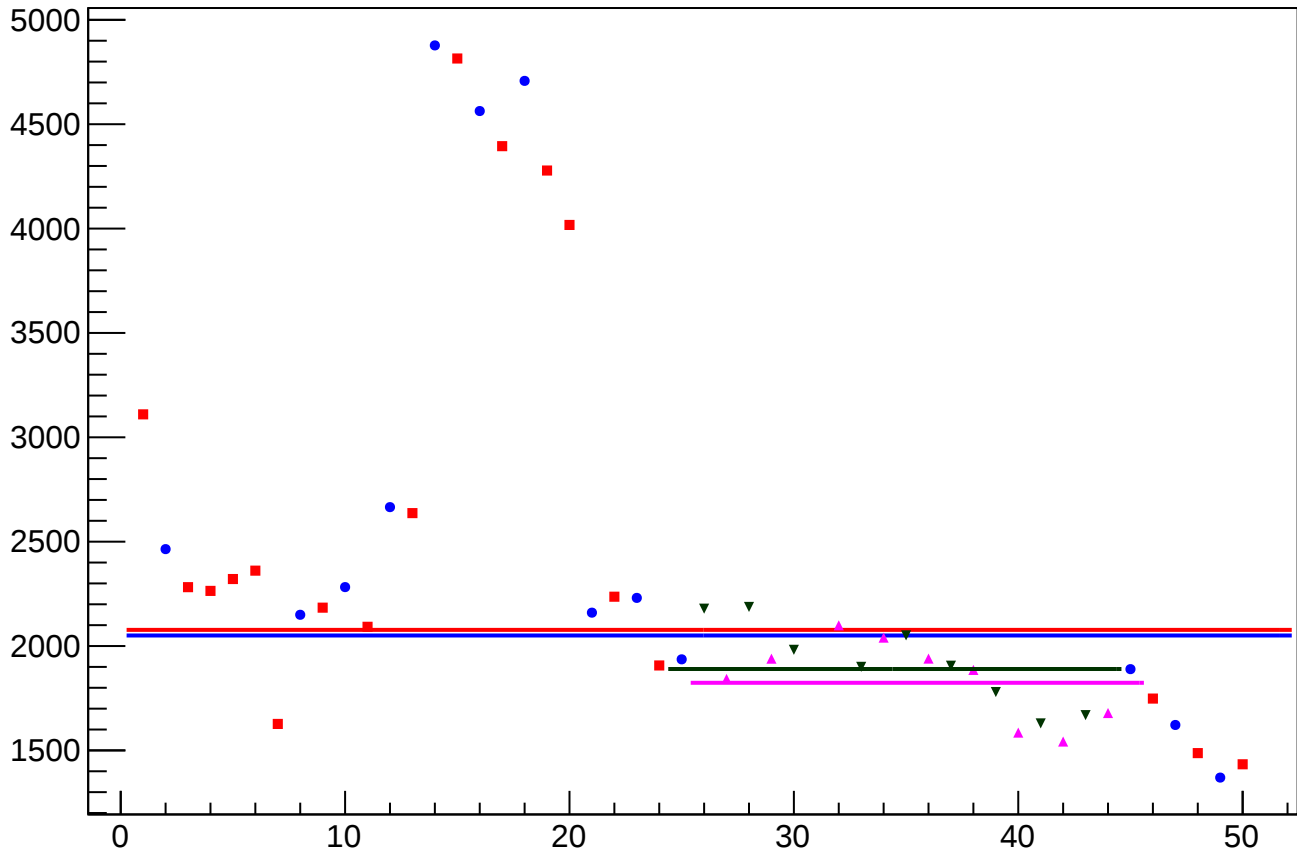
Left Out: 108.894+/-862.435 χ^2/NDF : 7.1/8

-598.778+/-387.970 χ^2/NDF : 75.9/48

Right Out: -1836.340+/-748.584 χ^2/NDF : 21.2/17

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

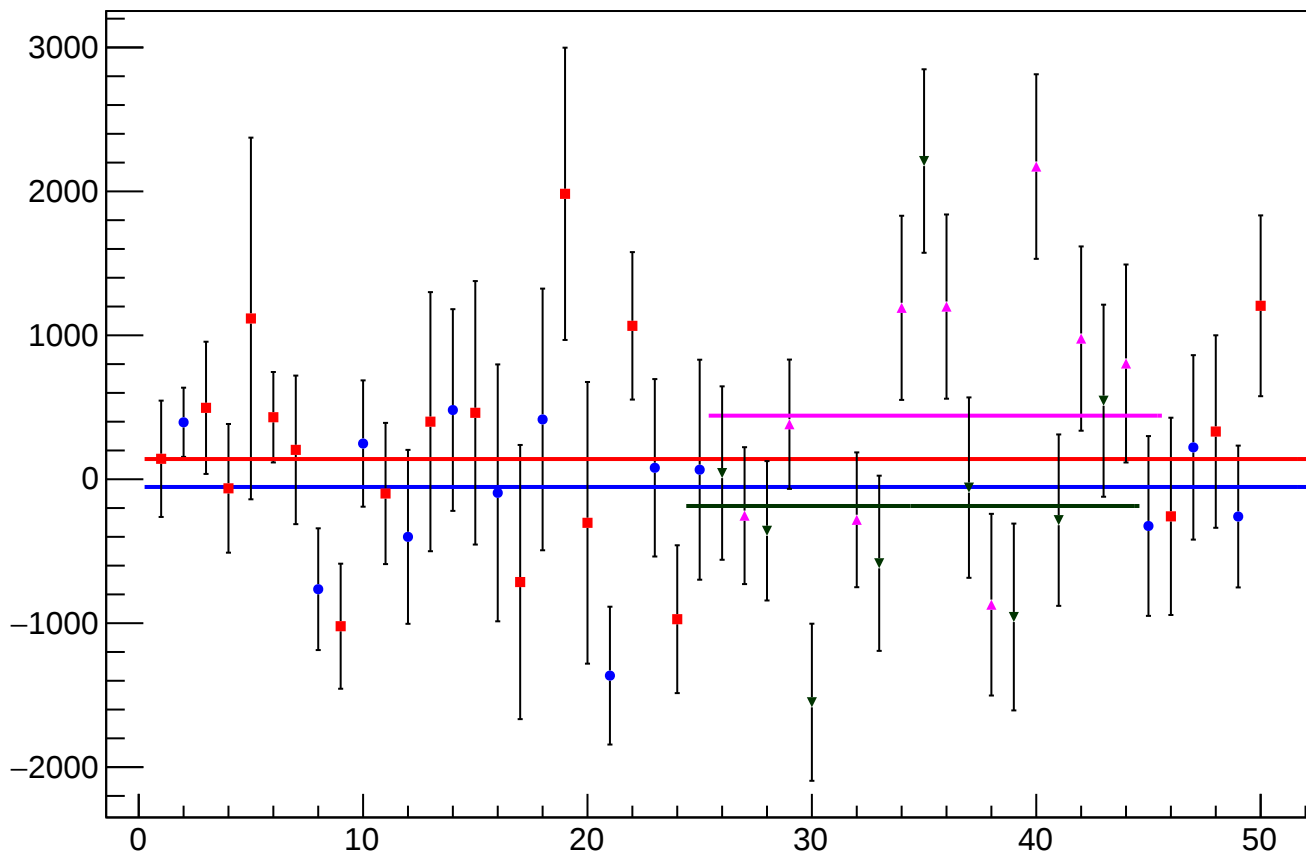
Left Out: 1889.978+/-0.610 χ^2 /NDF:103461.4/8

1968.315+/-0.274 χ^2 /NDF: 4076521.0/48

Right Out: 2077.436+/-0.529 χ^2 /NDF: 1657770.6/17

Left In: 1823.910+/-0.547 χ^2 /NDF:117312.7/8

reg_asym_sam8_mean vs slug



Right In: -53.614 ± 137.155 $\chi^2/\text{NDF}: 16.1/12$

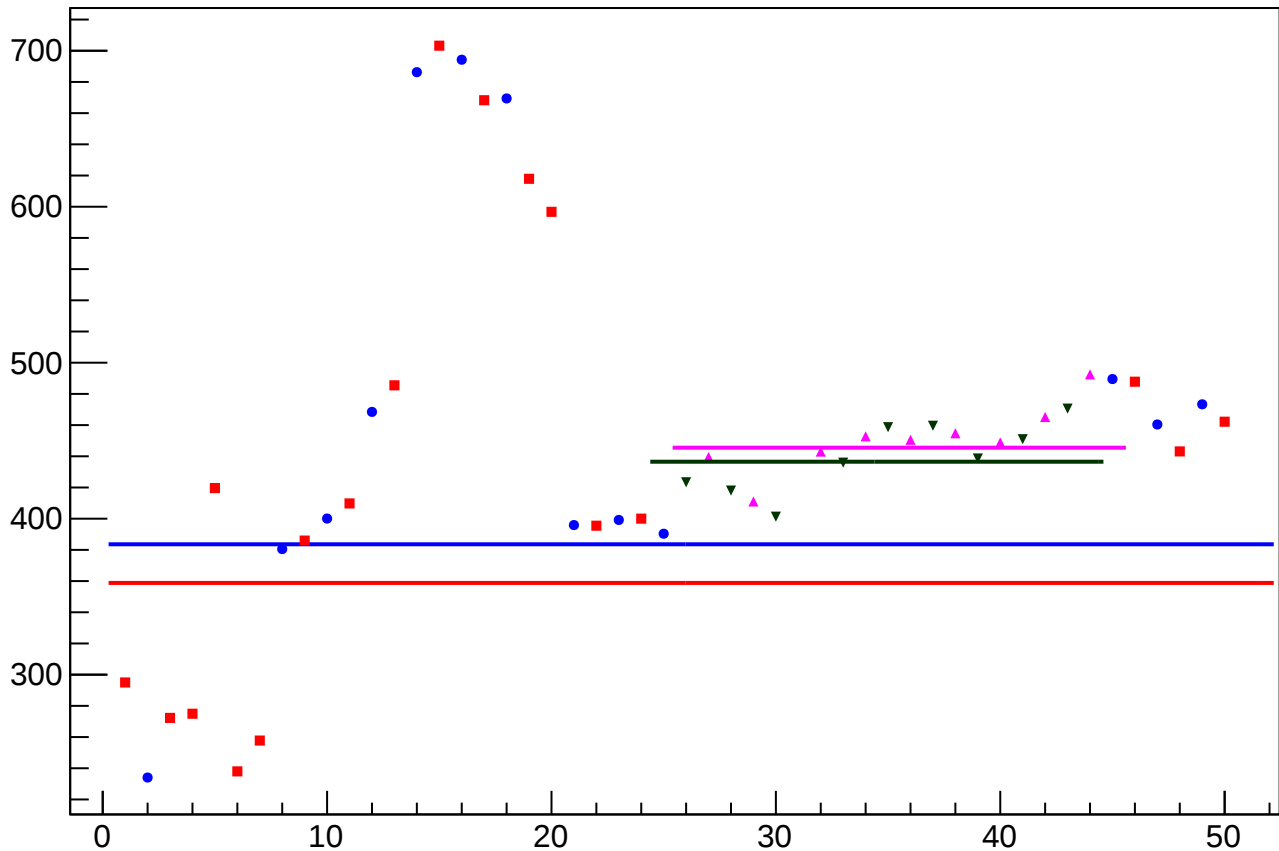
Left Out: -185.734 ± 197.924 $\chi^2/\text{NDF}: 23.8/8$

Right Out: 140.529 ± 129.223 $\chi^2/\text{NDF}: 25.4/17$

Left In: 441.886 ± 187.906 $\chi^2/\text{NDF}: 19.9/8$

79.927 ± 77.407 $\chi^2/\text{NDF}: 91.8/48$

reg_asym_sam8_rms vs slug



Right In: 383.591+/-0.097 χ^2/NDF : 1785094.5/12

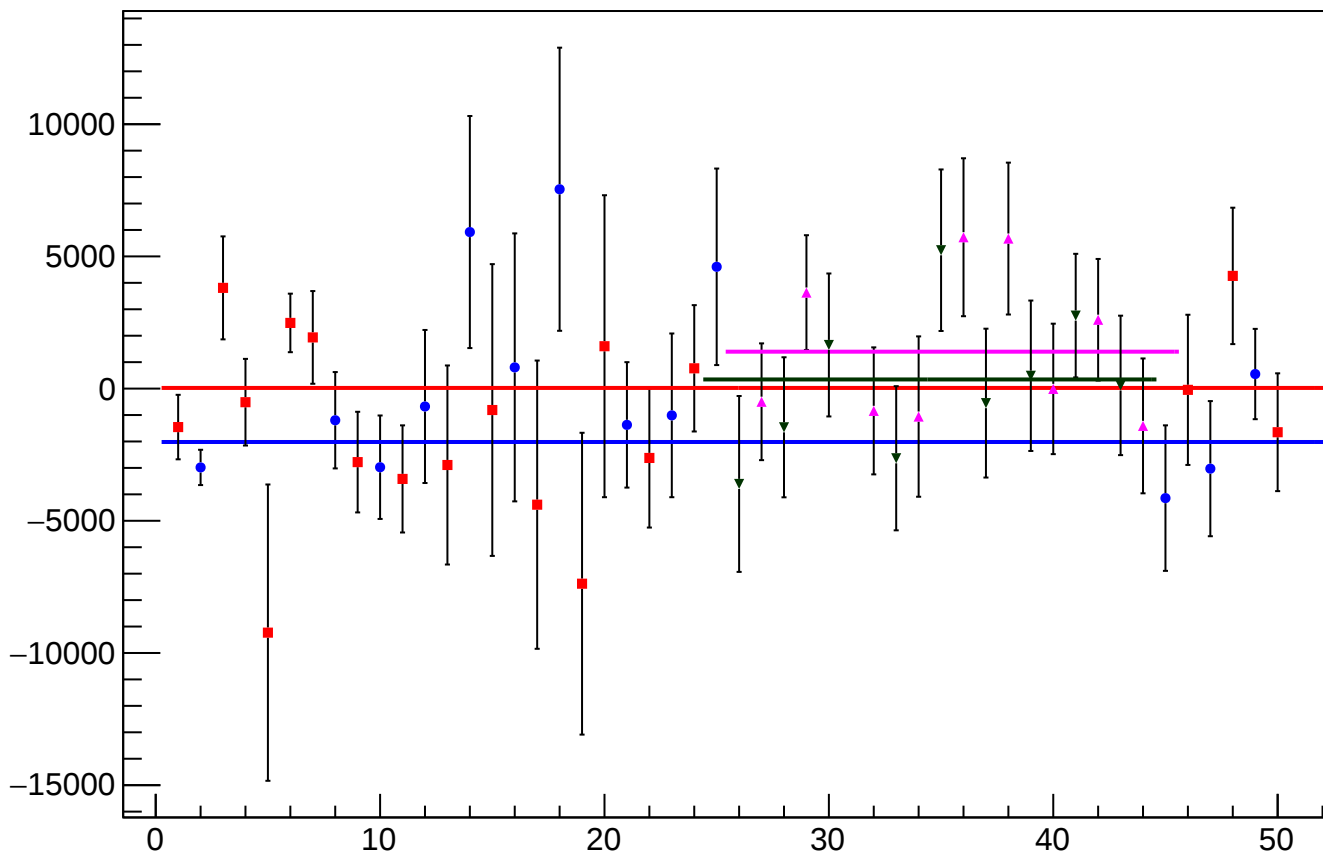
Left Out: 436.530+/-0.140 χ^2/NDF :23739.6/8

393.310+/-0.055 χ^2/NDF : 3795564.1/48

Right Out: 358.818+/-0.091 χ^2/NDF : 1560122.0/17

Left In: 445.529+/-0.133 χ^2/NDF :24251.7/8

asym_sam8_correction_mean vs slug



Right In: -2019.674 ± 497.780 $\chi^2/\text{NDF}: 15.9/12$

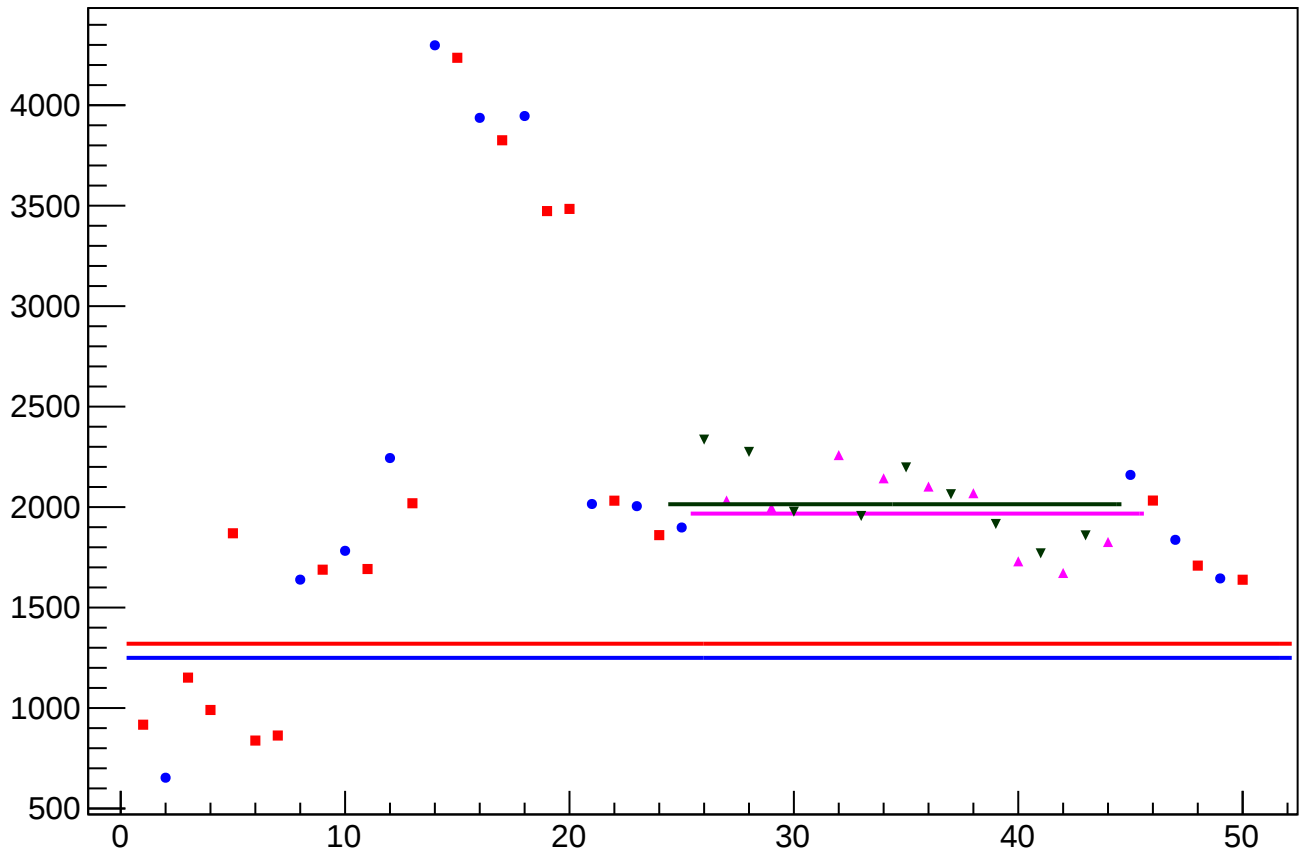
Left Out: 345.867 ± 917.400 $\chi^2/\text{NDF}: 7.0/8$

Right Out: 24.892 ± 500.333 $\chi^2/\text{NDF}: 26.7/17$

Left In: 1396.281 ± 833.383 $\chi^2/\text{NDF}: 9.5/8$

-528.230 ± 306.304 $\chi^2/\text{NDF}: 75.5/48$

asym_sam8_correction_rms vs slug



Right In: 1249.693+/-0.352 χ^2/NDF : 4927930.8/12

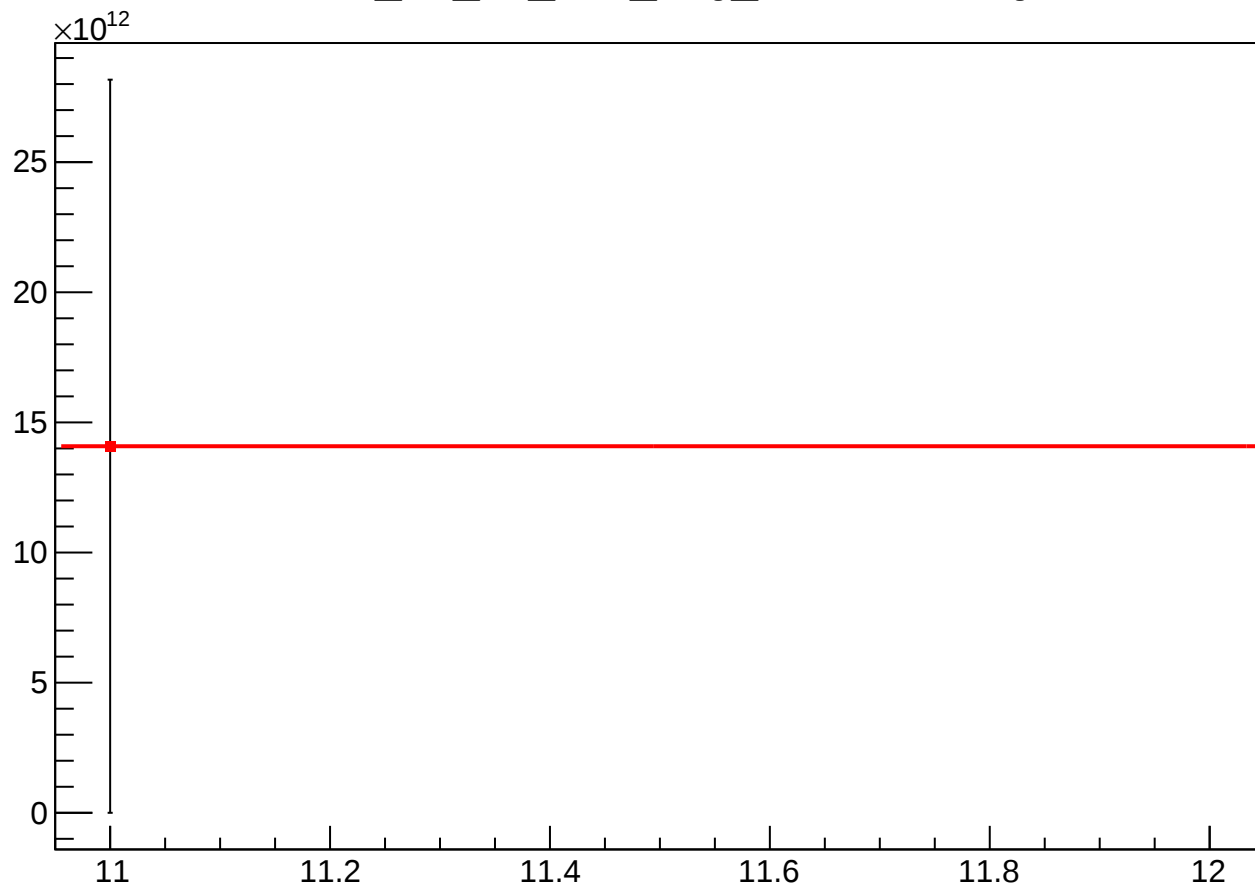
Left Out: 2014.180+/-0.649 χ^2/NDF : 78312.3/8

Right Out: 1320.022+/-0.354 χ^2/NDF : 3072987.2/17

Left In: 1967.588+/-0.589 χ^2/NDF : 102441.7/8

1458.254+/-0.217 χ^2/NDF : 10166891.3/48

bcm_an_us_ds3_avg_mean vs slug



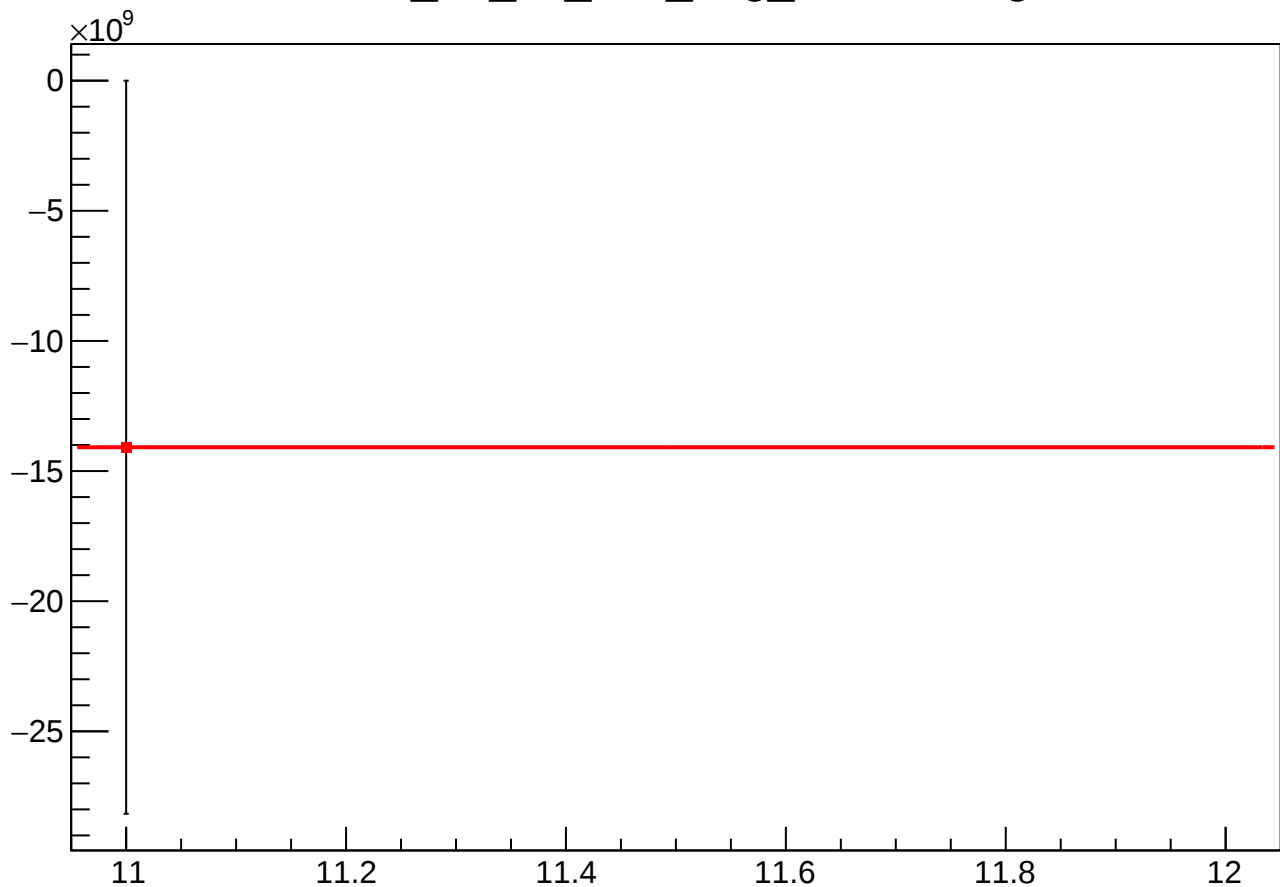
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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



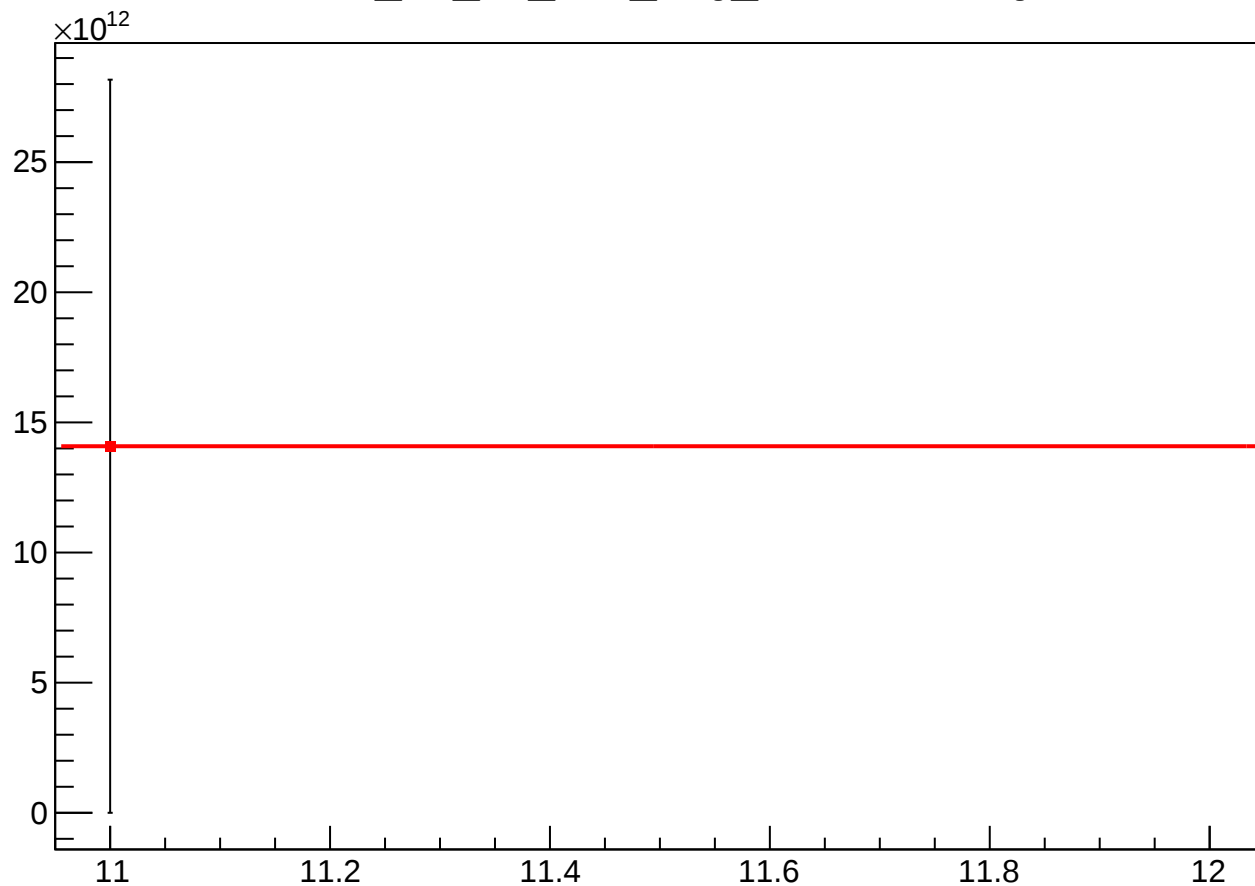
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



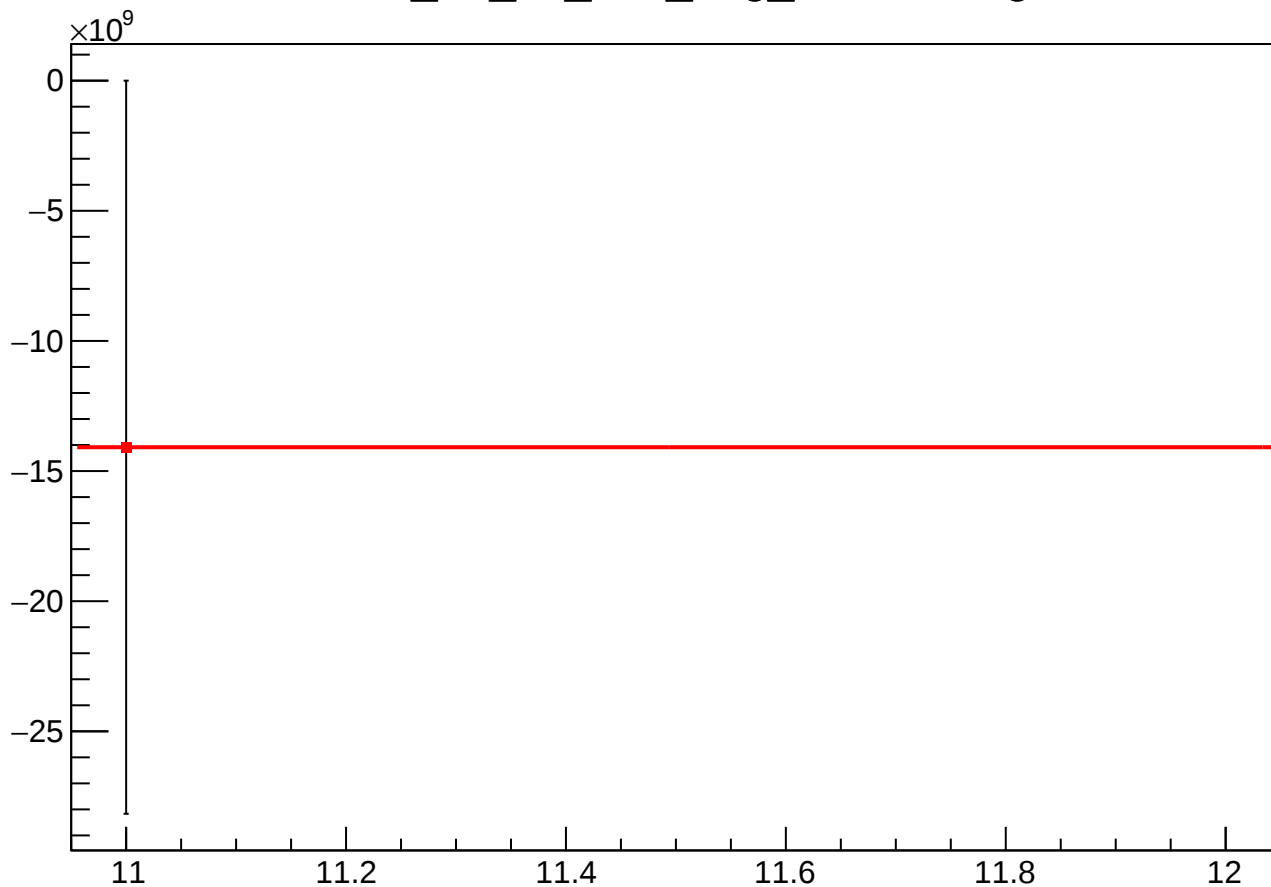
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



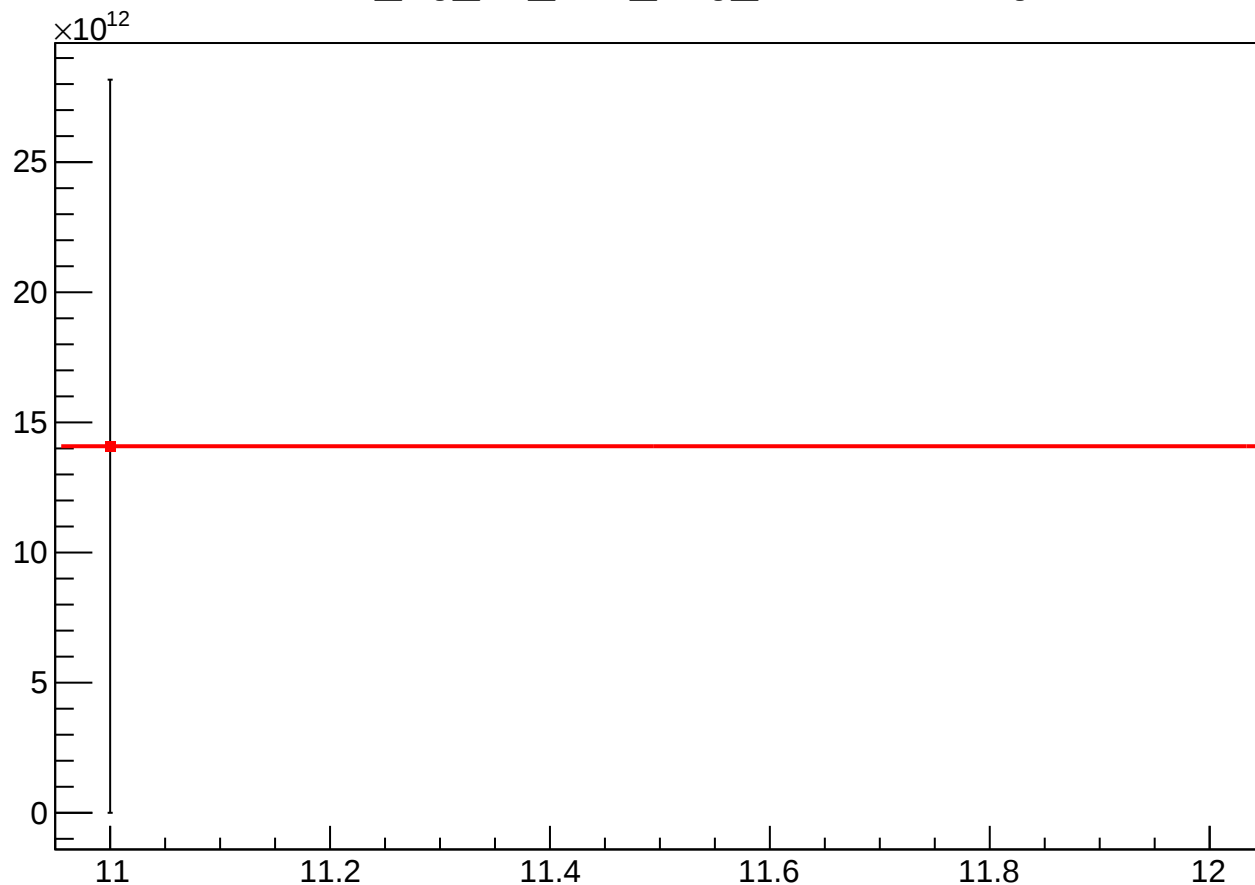
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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



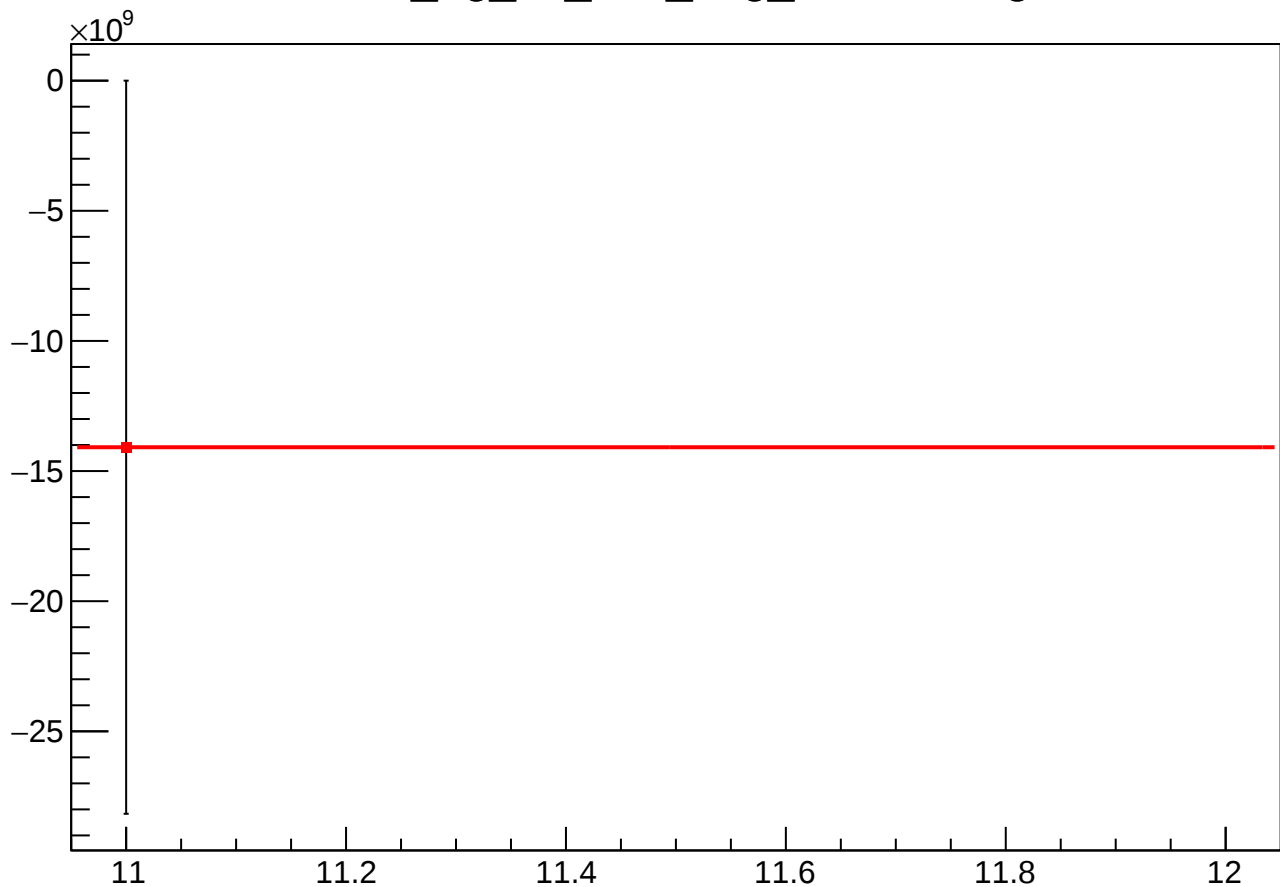
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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



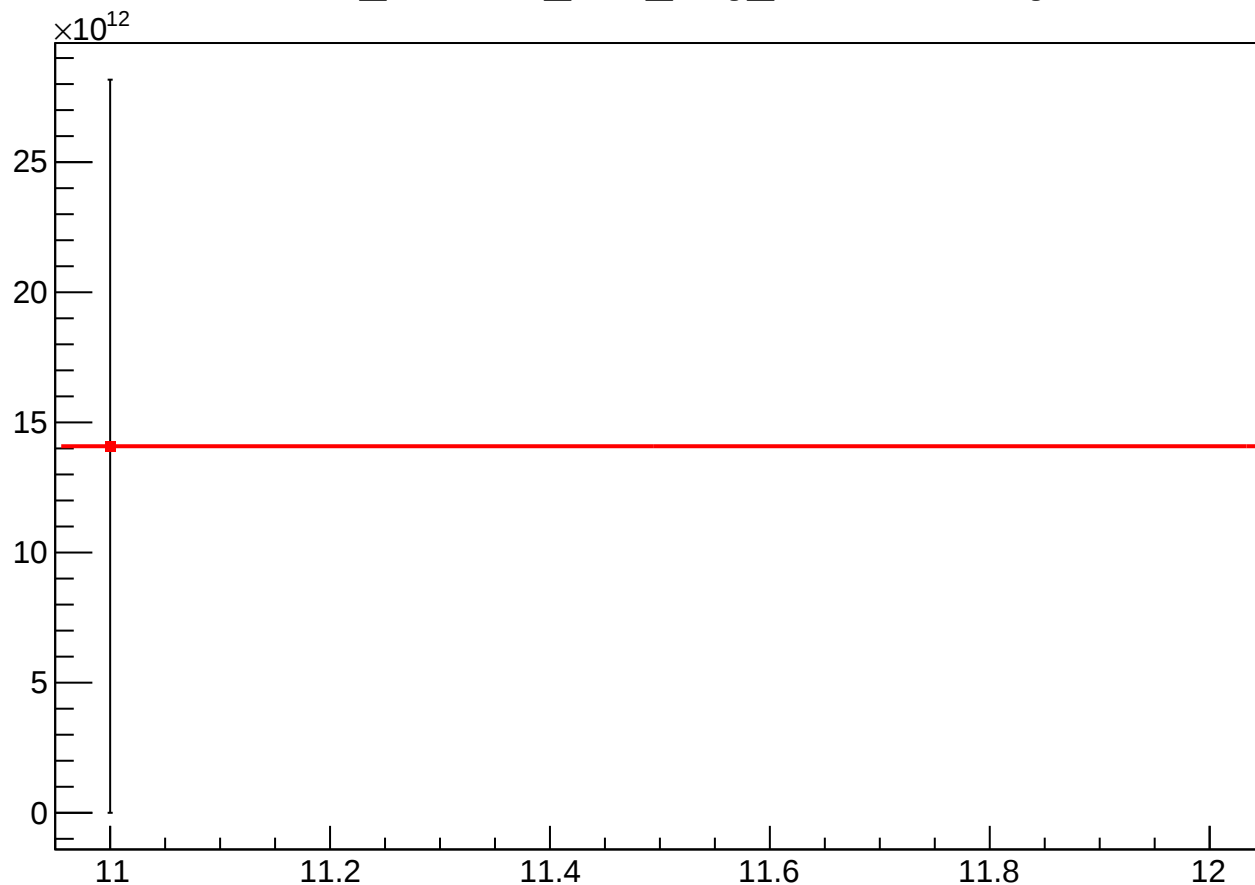
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



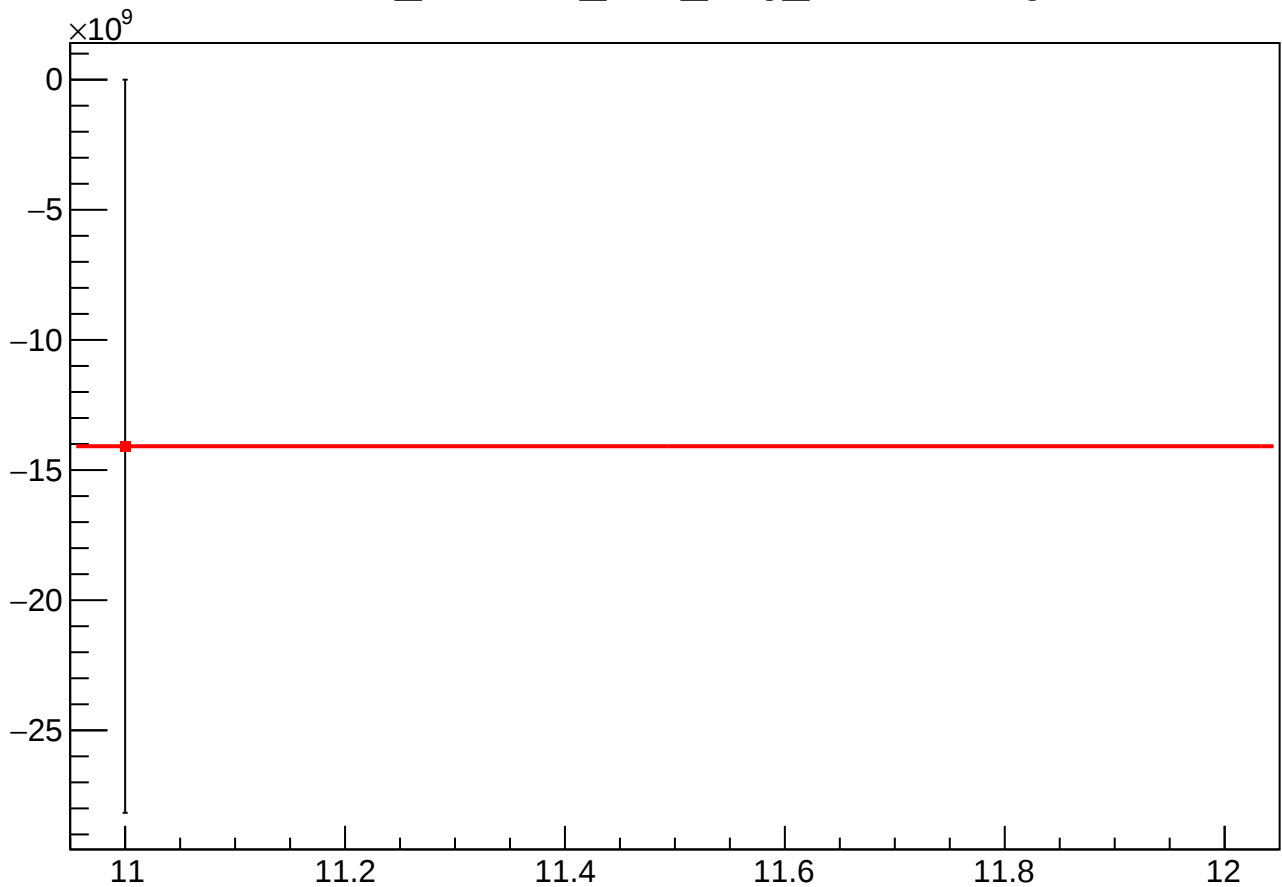
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



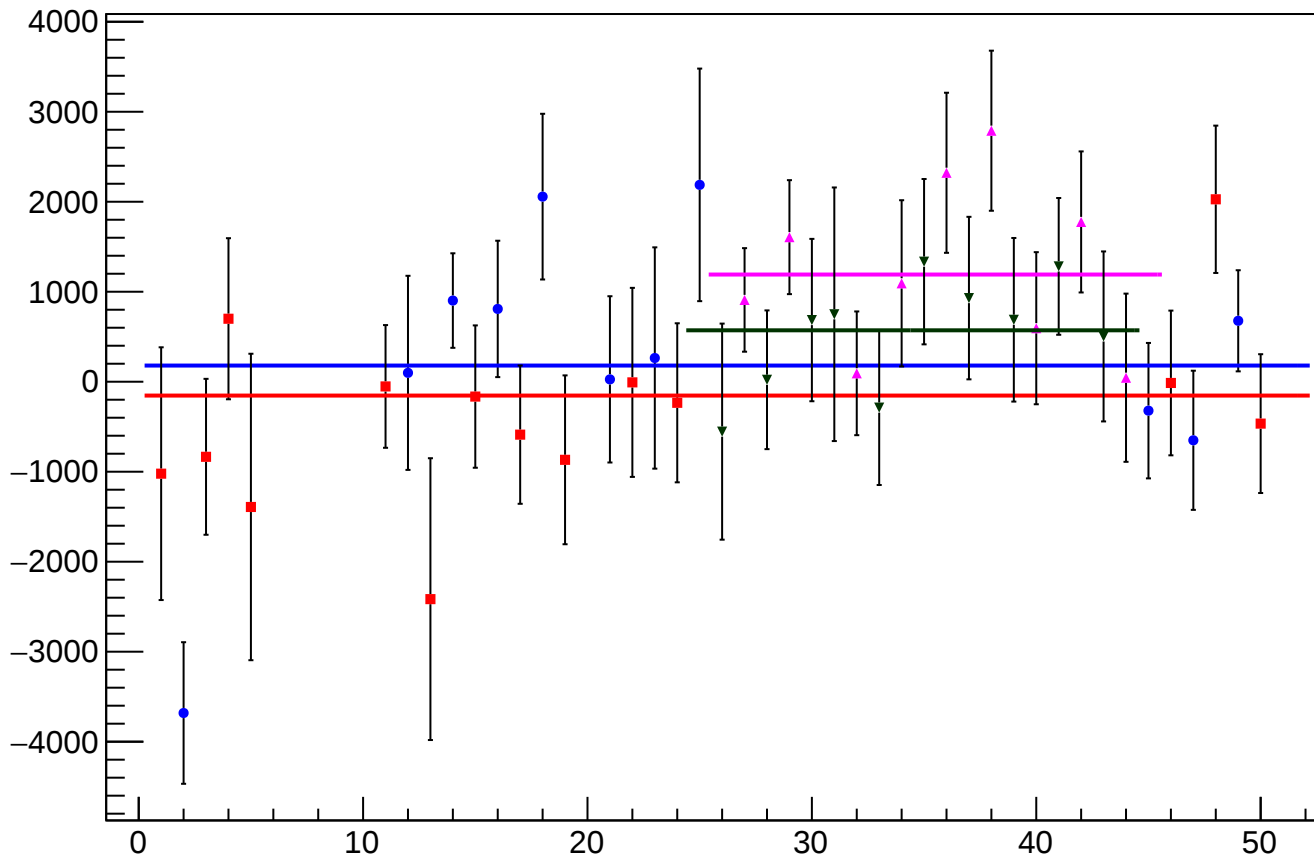
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 235.301 χ^2 /NDF: 35.7/10

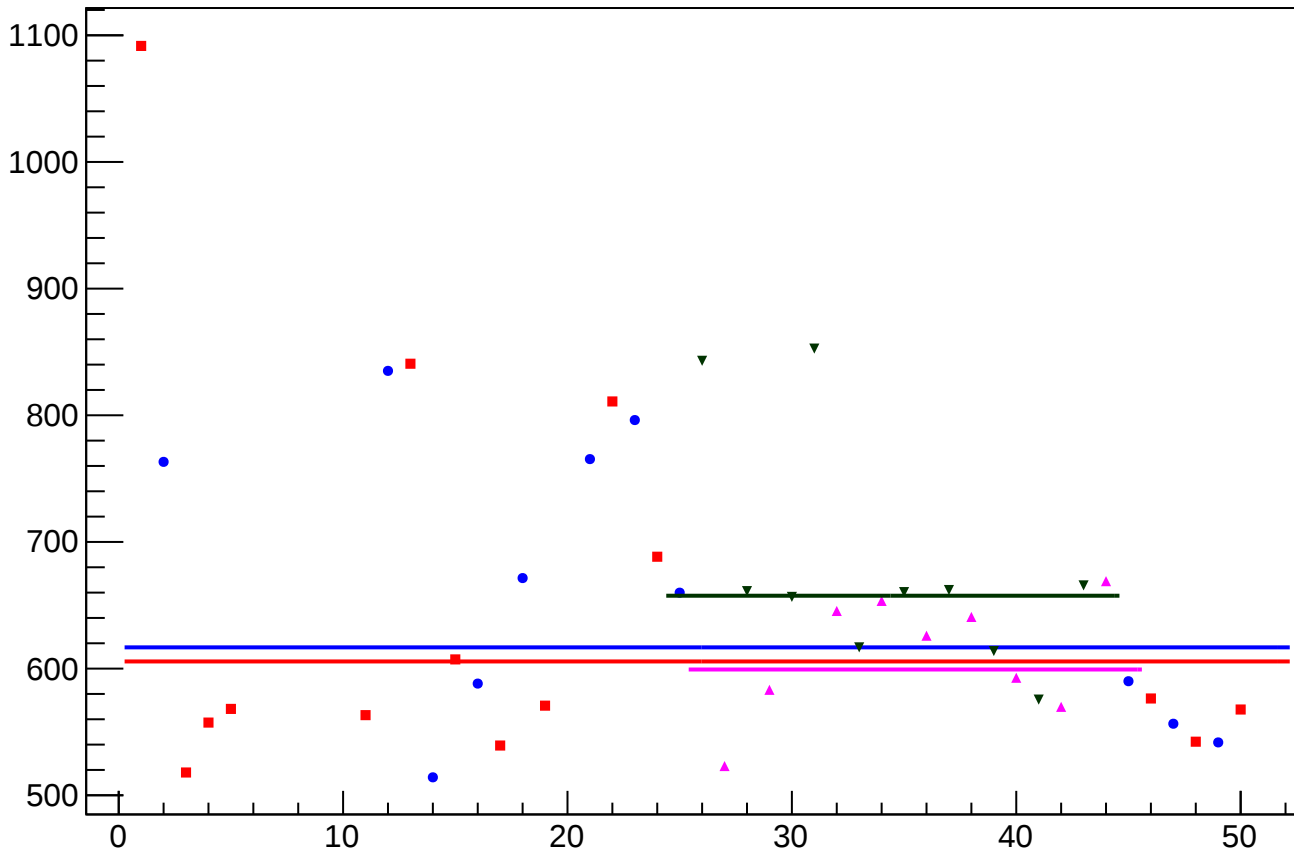
Left Out: 571.316 $\pm$ 289.447 χ^2 /NDF: 4.2/9

411.679 $\pm$ 126.160 χ^2 /NDF: 79.5/43

Right Out: -153.828 $\pm$ 240.233 χ^2 /NDF: 12.8/13

Left In: 1191.089 $\pm$ 253.972 χ^2 /NDF: 10.6/8

asym_left_avg_rms vs slug



Right In: 616.774 ± 0.166 χ^2/NDF : 384494.1/10

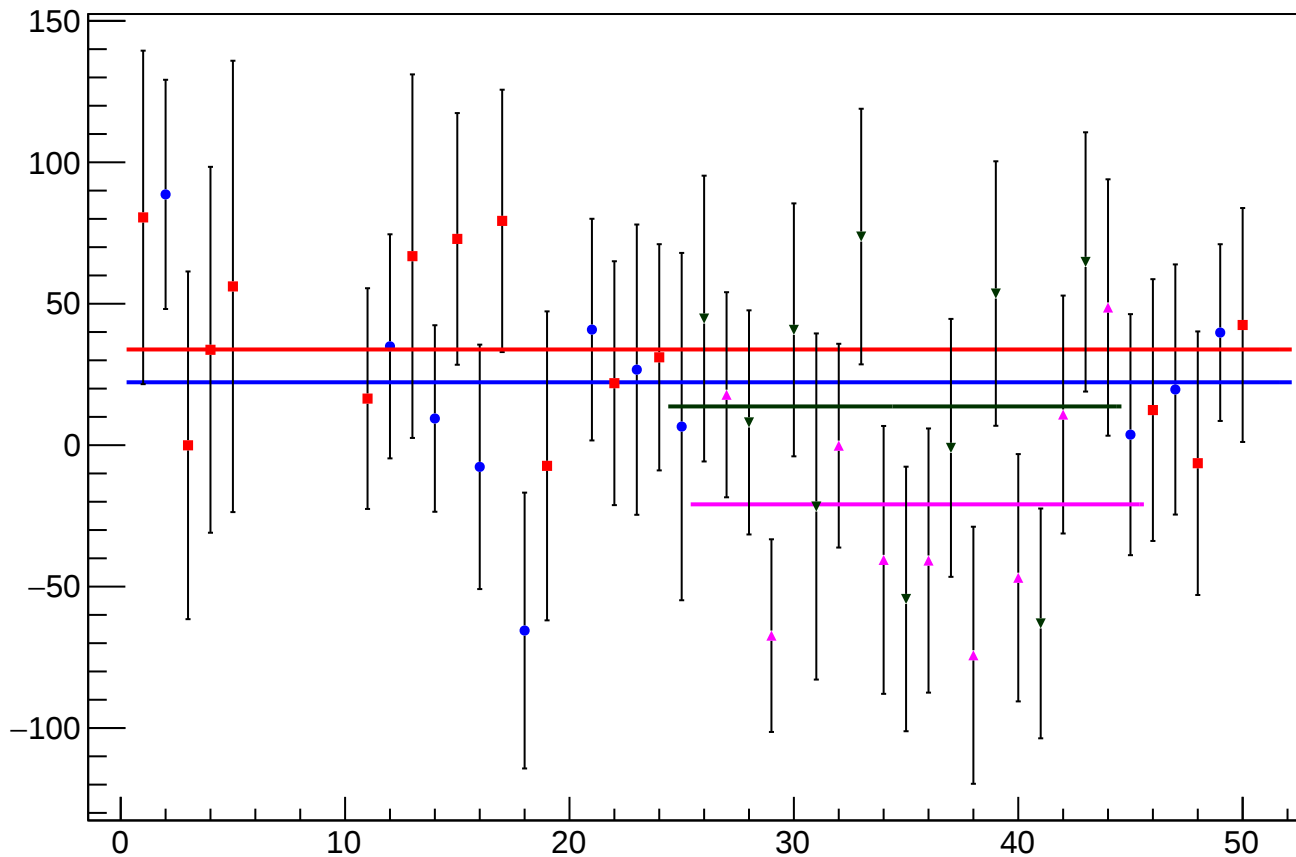
Left Out: 657.542 ± 0.205 χ^2/NDF : 118756.6/9

Right Out: 605.652 ± 0.170 χ^2/NDF : 450619.2/13

Left In: 599.294 ± 0.180 χ^2/NDF : 72539.4/8

617.138 ± 0.089 χ^2/NDF : 1079830.8/43

asym_left_dd_mean vs slug



Right In: 22.237 ± 12.398 χ^2/NDF : 7.5/10

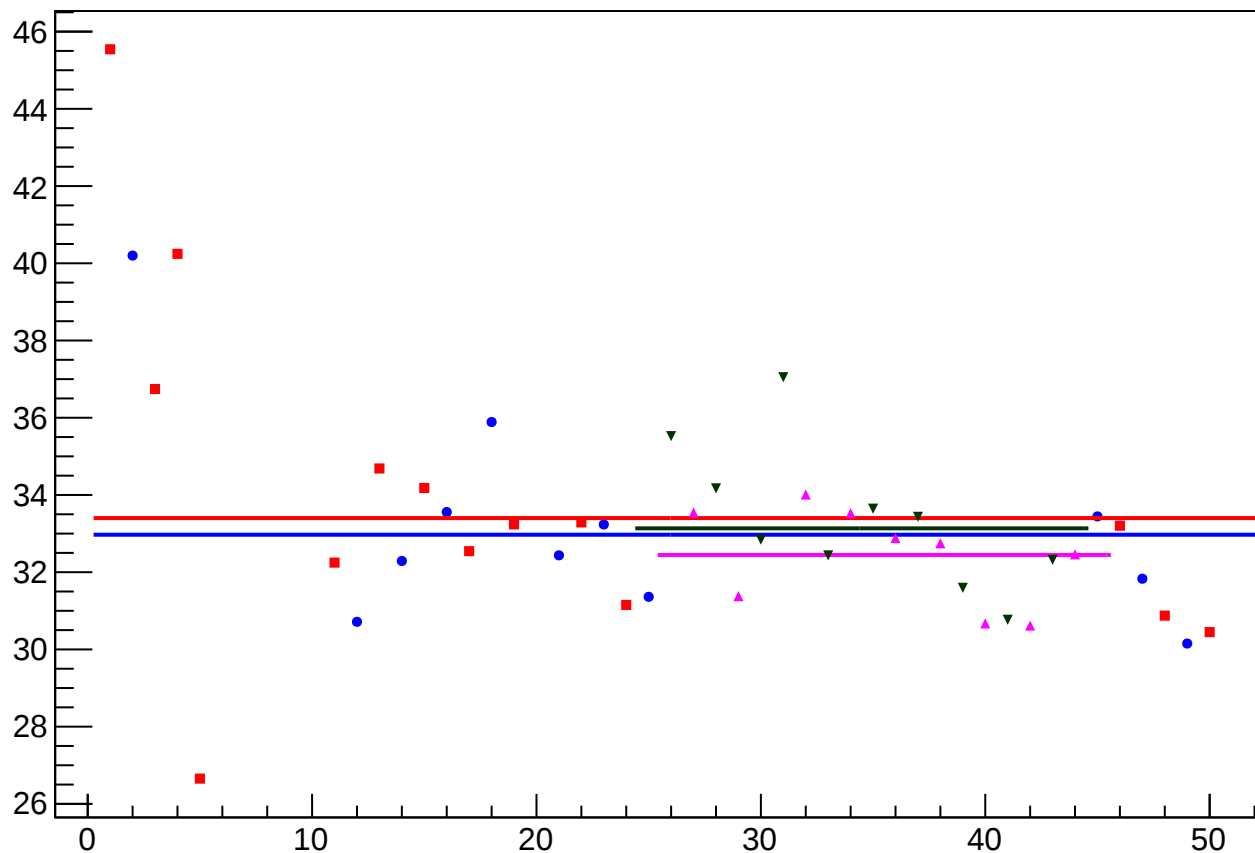
Left Out: 13.695 ± 14.488 χ^2/NDF : 10.6/9

Right Out: 33.833 ± 13.098 χ^2/NDF : 4.9/13

Left In: -20.919 ± 13.661 χ^2/NDF : 8.3/8

13.138 ± 6.673 χ^2/NDF : 40.5/43

asym_left_dd_rms vs slug



Right In: 32.971+/-0.009 χ^2/NDF : 98183.0/10

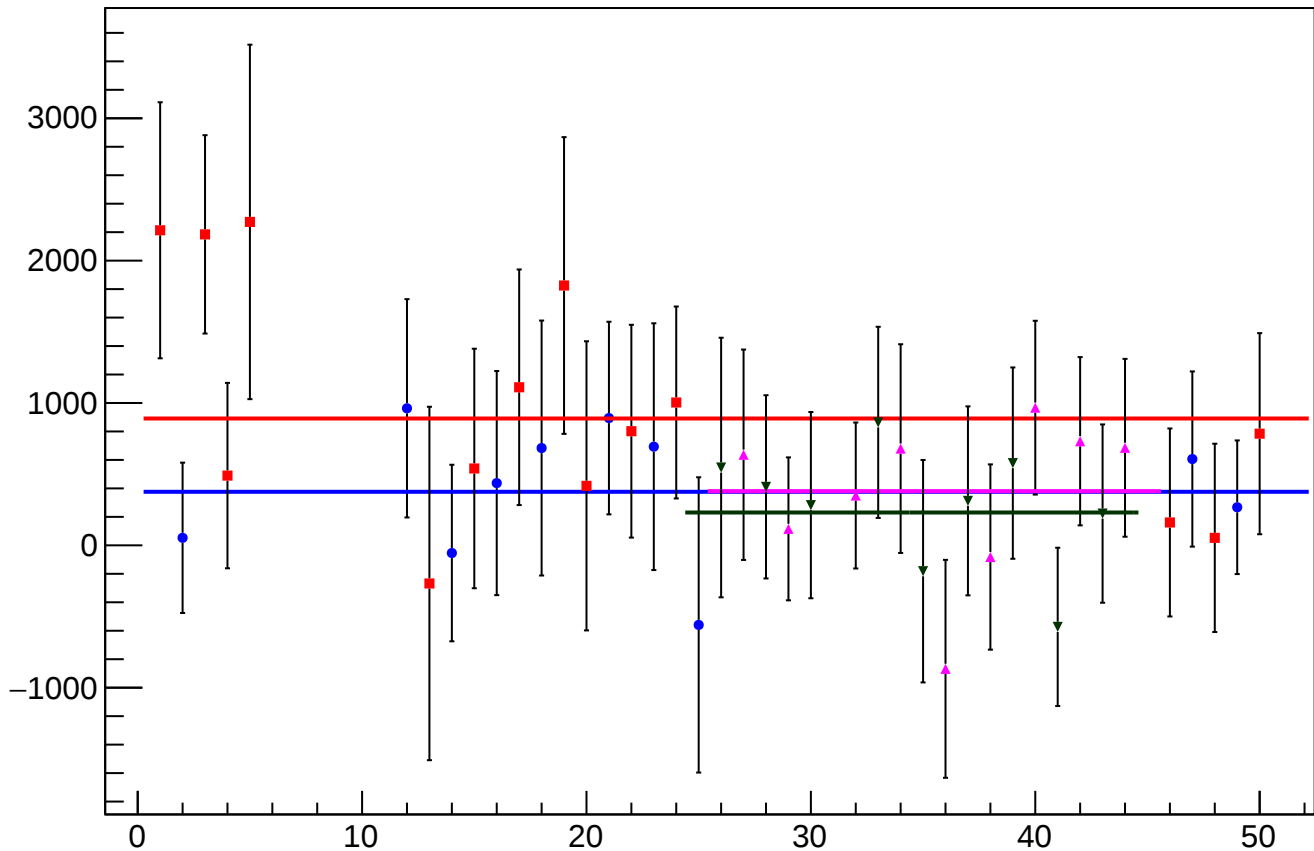
Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

Right Out: 33.401+/-0.009 χ^2/NDF : 153773.5/13

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.992+/-0.005 χ^2/NDF : 297767.7/43

asym_right_avg_mean vs slug



Right In: 376.177 ± 211.433 $\chi^2/\text{NDF}: 3.3/9$

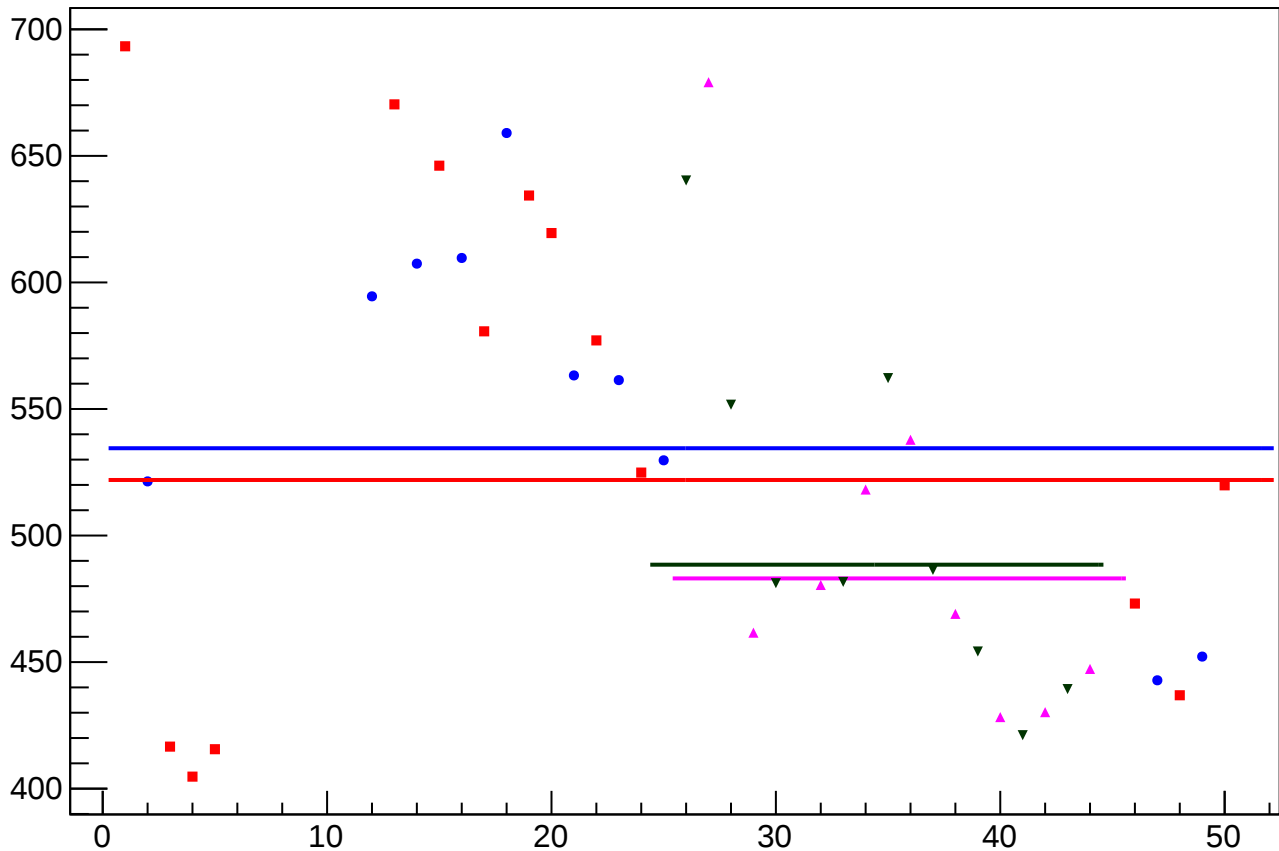
Left Out: 230.682 ± 223.170 $\chi^2/\text{NDF}: 3.7/8$

Right Out: 891.025 ± 211.841 $\chi^2/\text{NDF}: 12.2/13$

Left In: 380.345 ± 205.678 $\chi^2/\text{NDF}: 5.2/8$

474.058 ± 106.377 $\chi^2/\text{NDF}: 30.0/41$

asym_right_avg_rms vs slug



Right In: 534.496+/-0.150 χ^2/NDF : 209525.7/9

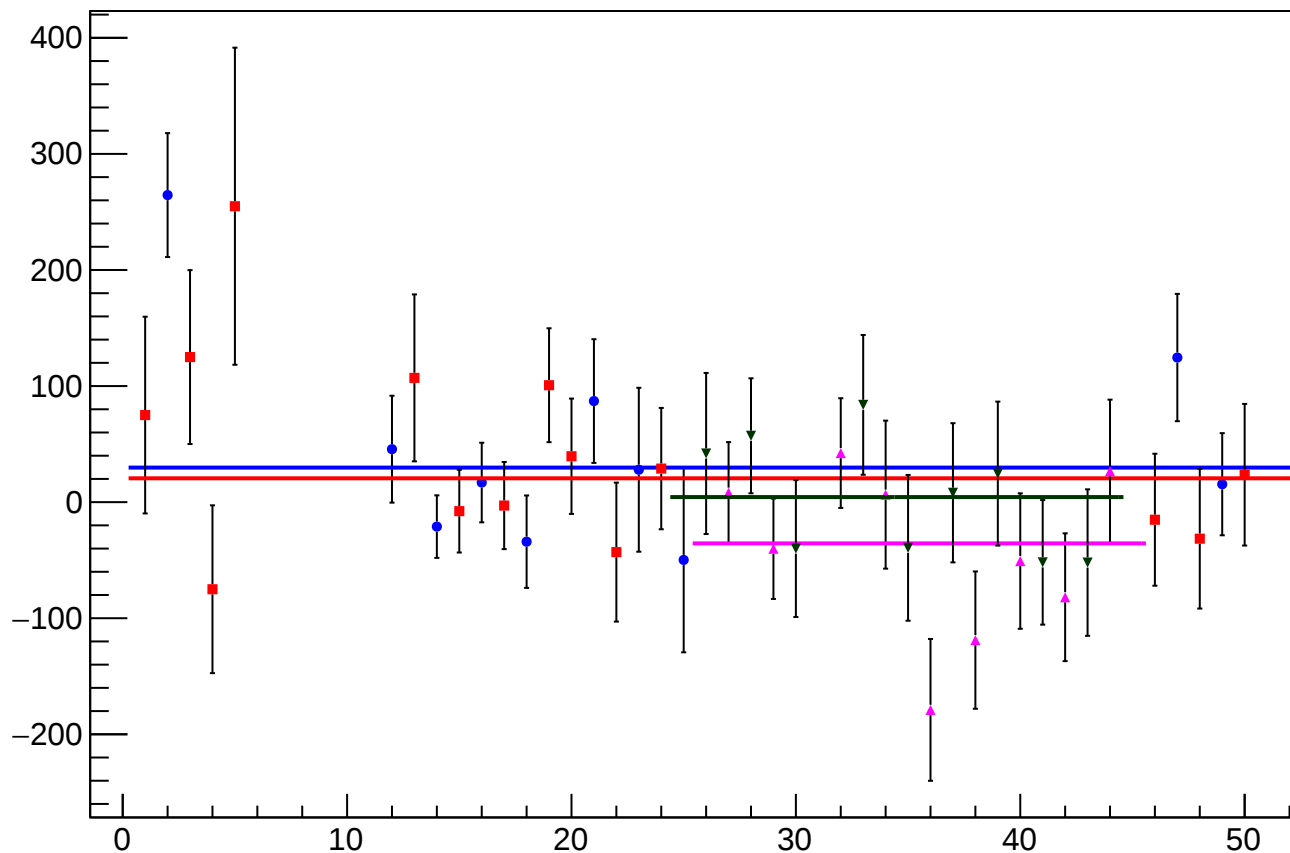
Left Out: 488.486+/-0.158 χ^2/NDF :139883.7/8

507.119+/-0.075 χ^2/NDF : 1009458.9/41

Right Out: 521.950+/-0.150 χ^2/NDF : 376545.9/13

Left In: 483.060+/-0.145 χ^2/NDF :198862.0/8

asym_right_dd_mean vs slug



Right In: 29.759 $\pm$ 13.811 χ^2 /NDF: 31.0/9

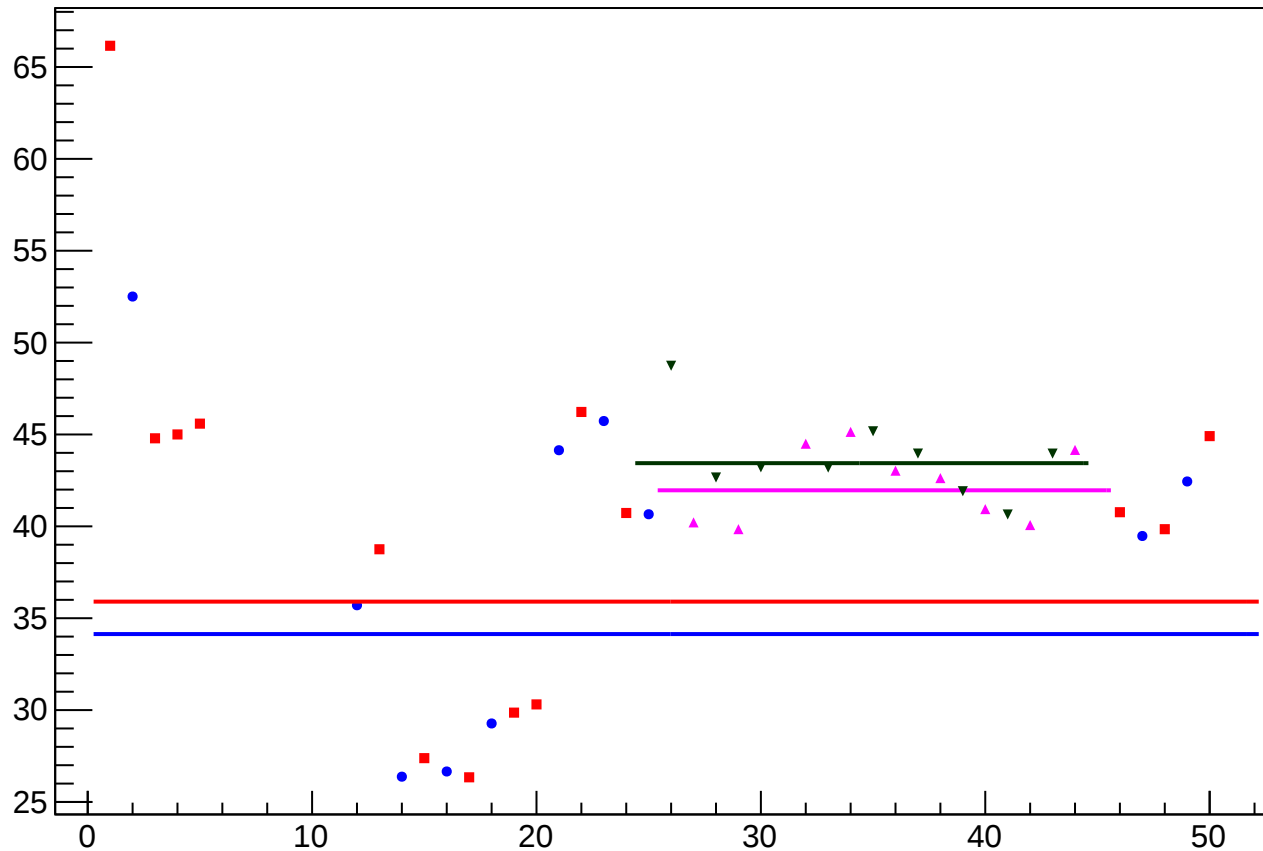
Left Out: 4.356 $\pm$ 19.730 χ^2 /NDF: 6.2/8

Right Out: 20.544 $\pm$ 14.789 χ^2 /NDF: 14.6/13

Left In: -35.527 $\pm$ 17.692 χ^2 /NDF: 13.4/8

9.477 $\pm$ 8.012 χ^2 /NDF: 74.5/41

asym_right_dd_rms vs slug



Right In: 34.138+/-0.010 χ^2/NDF : 758423.8/9

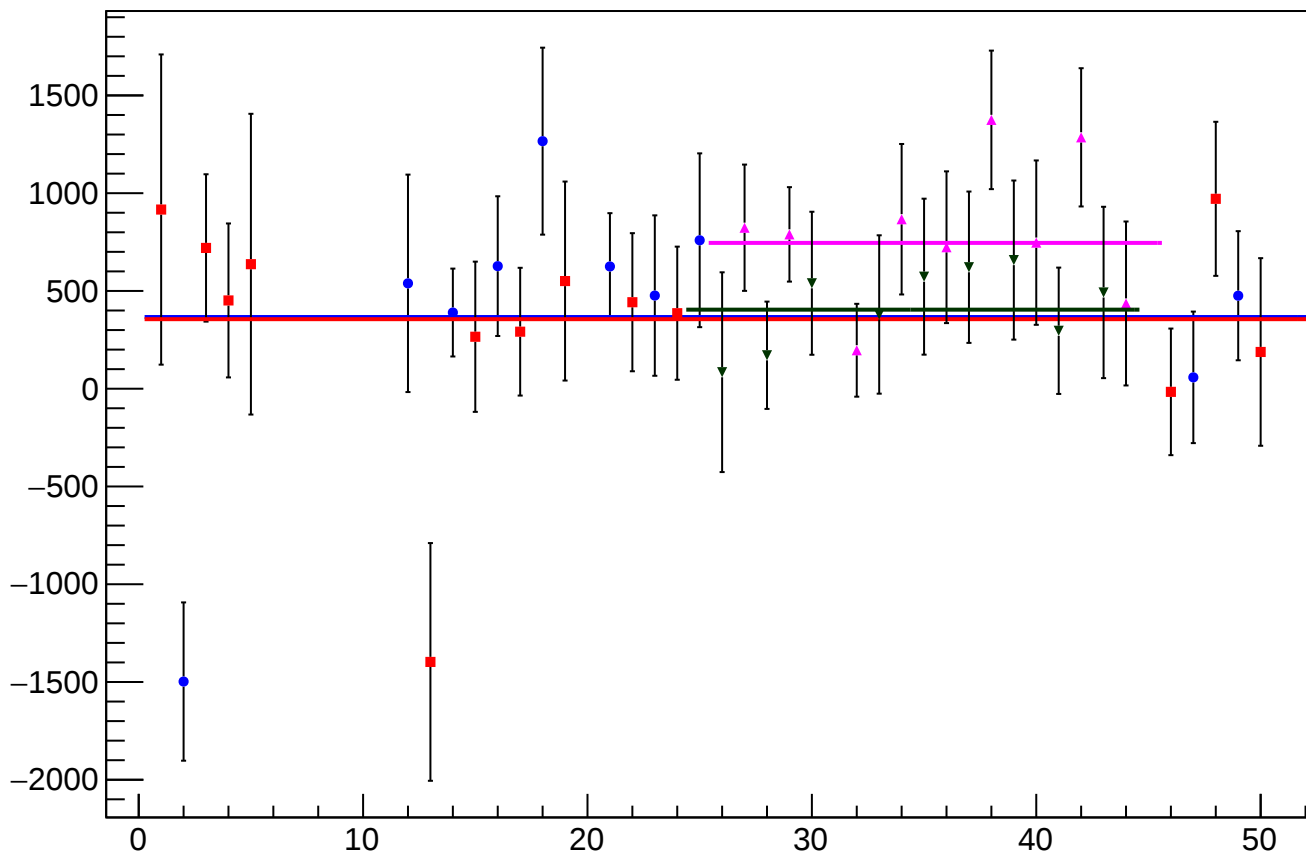
Left Out: 43.439+/-0.014 χ^2/NDF : 20677.6/8

37.794+/-0.006 χ^2/NDF : 2022773.5/41

Right Out: 35.903+/-0.010 χ^2/NDF : 770992.3/13

Left In: 41.961+/-0.013 χ^2/NDF : 25099.4/8

asym_us_avg_mean vs slug



Right In: 366.618 $\pm$ 109.226 χ^2 /NDF: 28.1/9

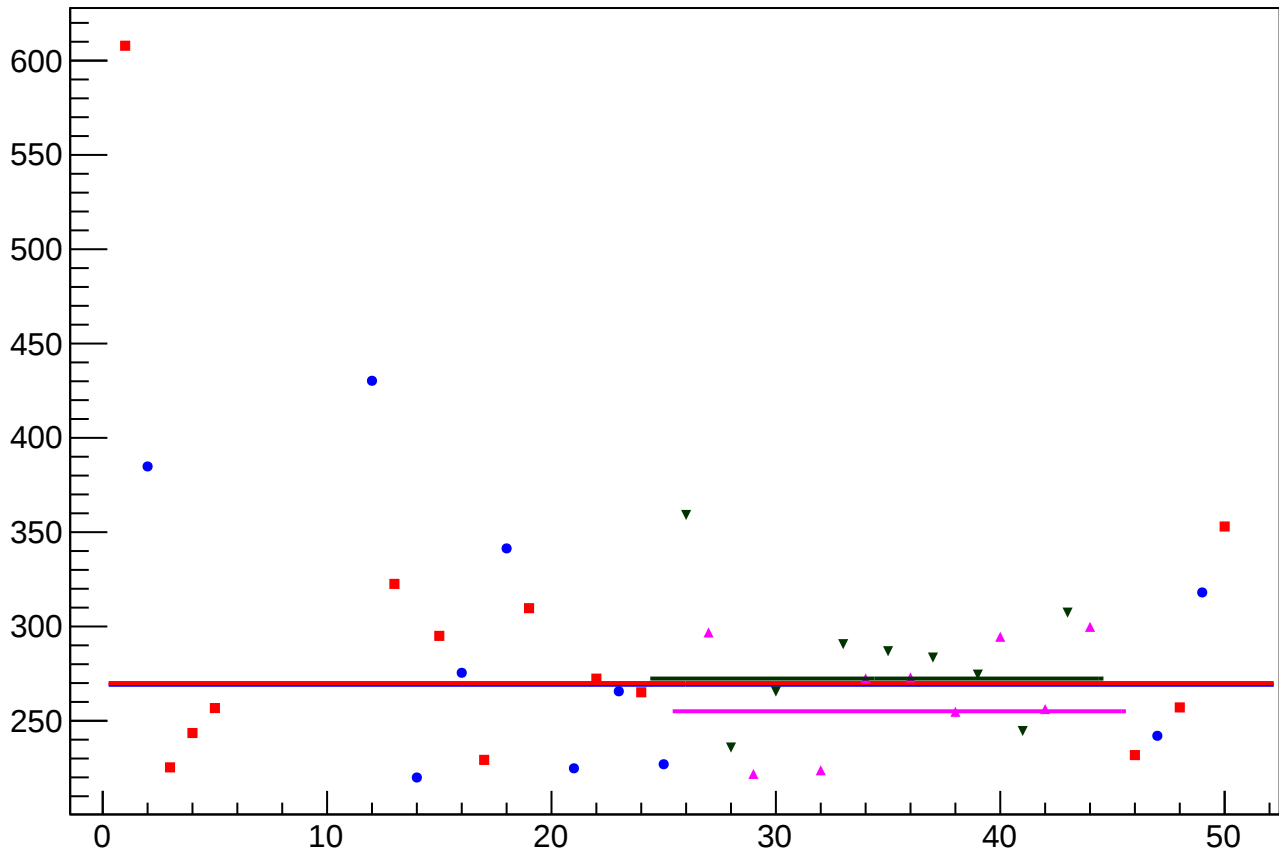
Left Out: 404.336 $\pm$ 124.534 χ^2 /NDF: 2.3/8

Right Out: 355.658 $\pm$ 114.361 χ^2 /NDF: 14.1/12

Left In: 745.763 $\pm$ 108.353 χ^2 /NDF: 11.6/8

475.957 $\pm$ 56.802 χ^2 /NDF: 64.7/40

asym_us_avg_rms vs slug



Right In: 269.101+/-0.077 χ^2/NDF : 601387.4/9

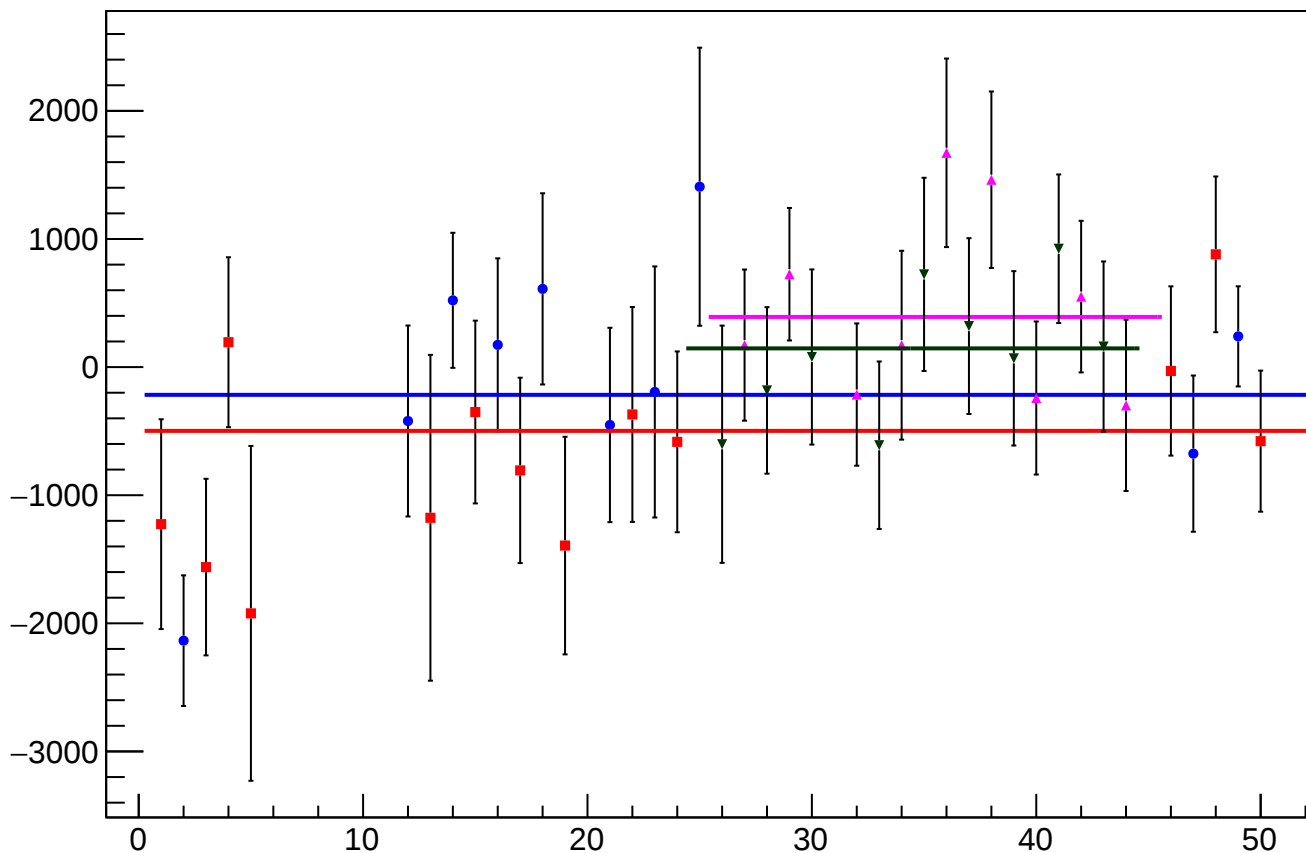
Left Out: 272.390+/-0.088 χ^2/NDF :129813.8/8

Right Out: 270.031+/-0.081 χ^2/NDF : 557609.2/12

Left In: 255.044+/-0.077 χ^2/NDF :154924.7/8

266.152+/-0.040 χ^2/NDF : 1473533.4/40

asym_us_dd_mean vs slug



Right In: -216.585 ± 195.740 $\chi^2/\text{NDF}: 22.0/9$

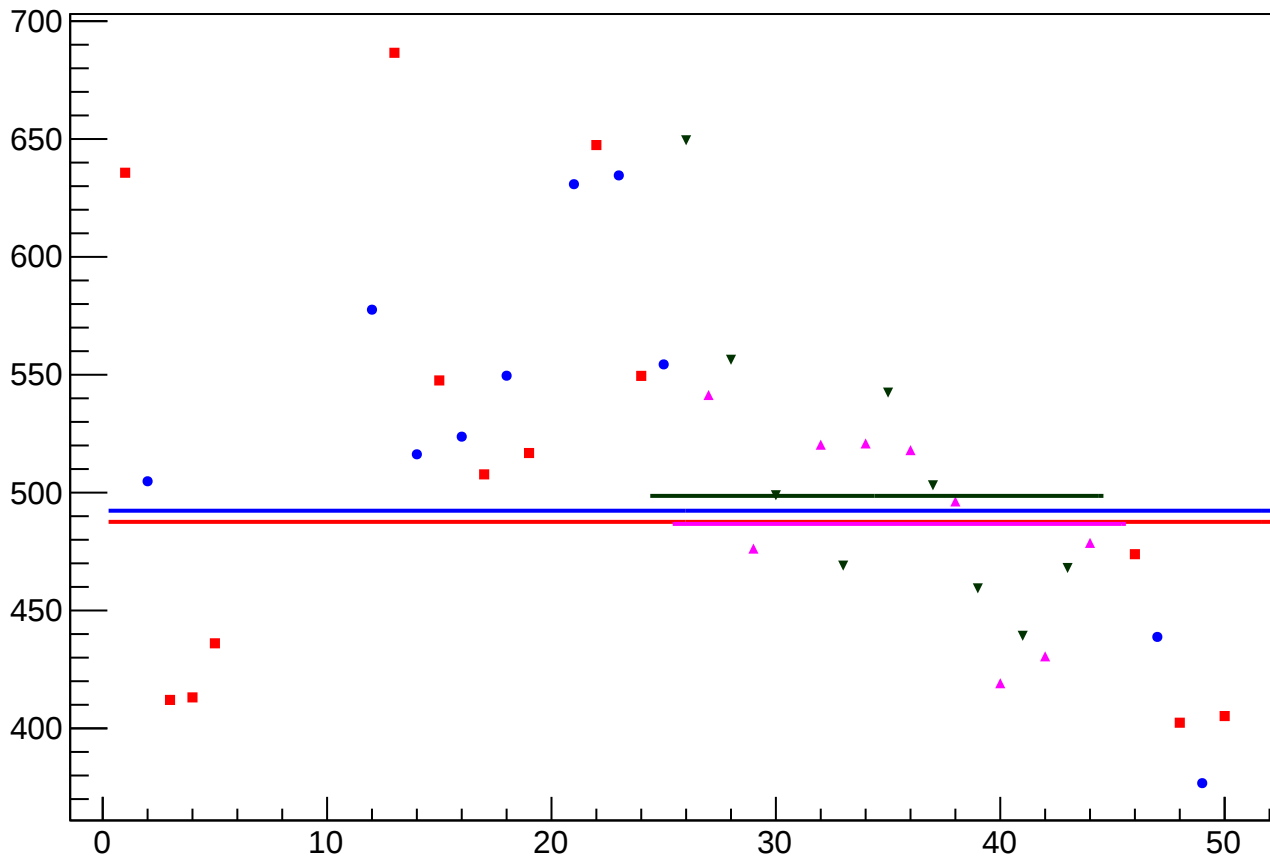
Left Out: 146.103 ± 227.629 $\chi^2/\text{NDF}: 4.7/8$

Right Out: -497.764 ± 203.854 $\chi^2/\text{NDF}: 12.8/12$

Left In: 391.655 ± 206.066 $\chi^2/\text{NDF}: 9.5/8$

-60.075 ± 103.688 $\chi^2/\text{NDF}: 59.9/40$

asym_us_dd_rms vs slug



Right In: 492.325+/-0.138 χ^2/NDF : 353348.6/9

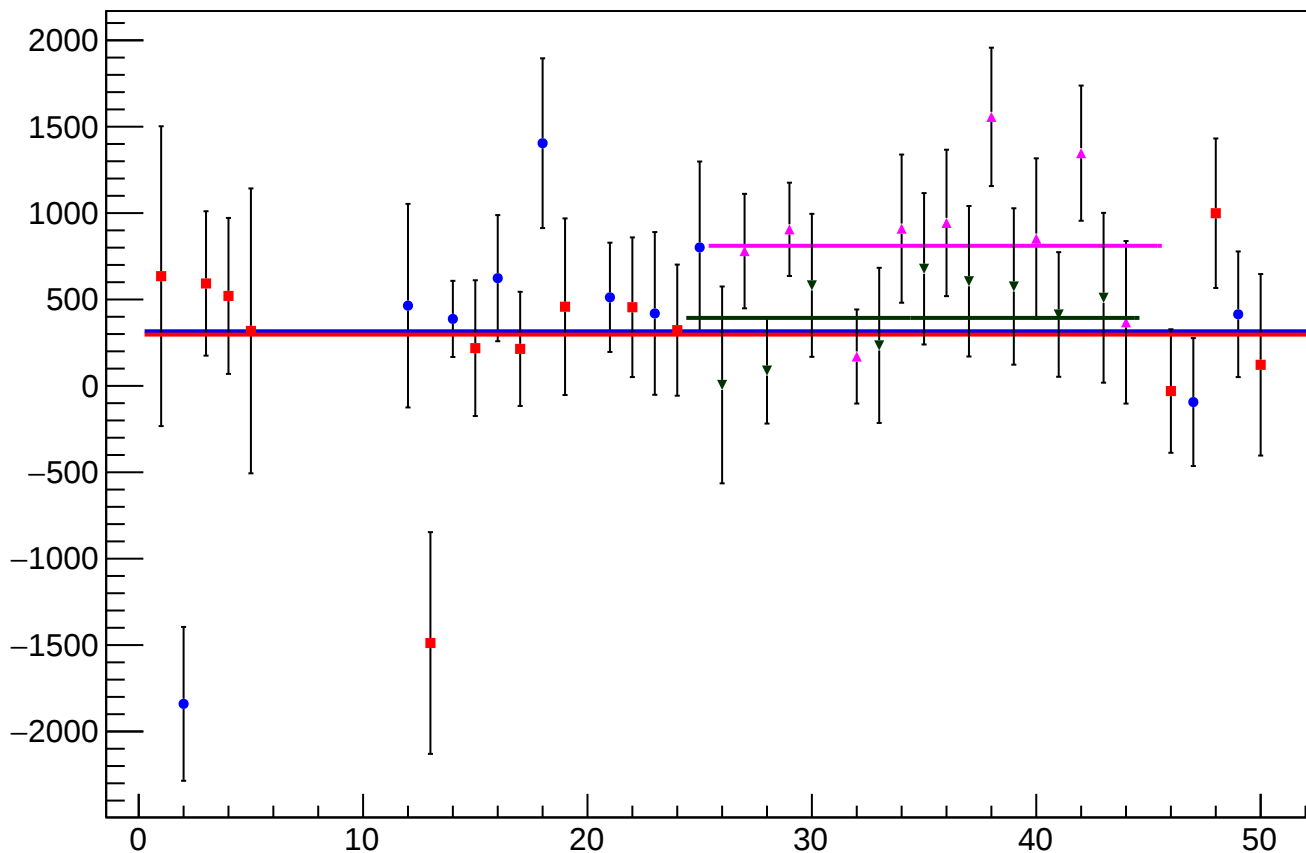
Left Out: 498.620+/-0.161 χ^2/NDF : 111631.8/8

490.991+/-0.073 χ^2/NDF : 904037.8/40

Right Out: 487.597+/-0.144 χ^2/NDF : 357775.0/12

Left In: 486.730+/-0.146 χ^2/NDF : 77533.5/8

asym_ds_avg_mean vs slug



Right In: 315.980 $\pm$ 116.561 χ^2 /NDF: 31.9/9

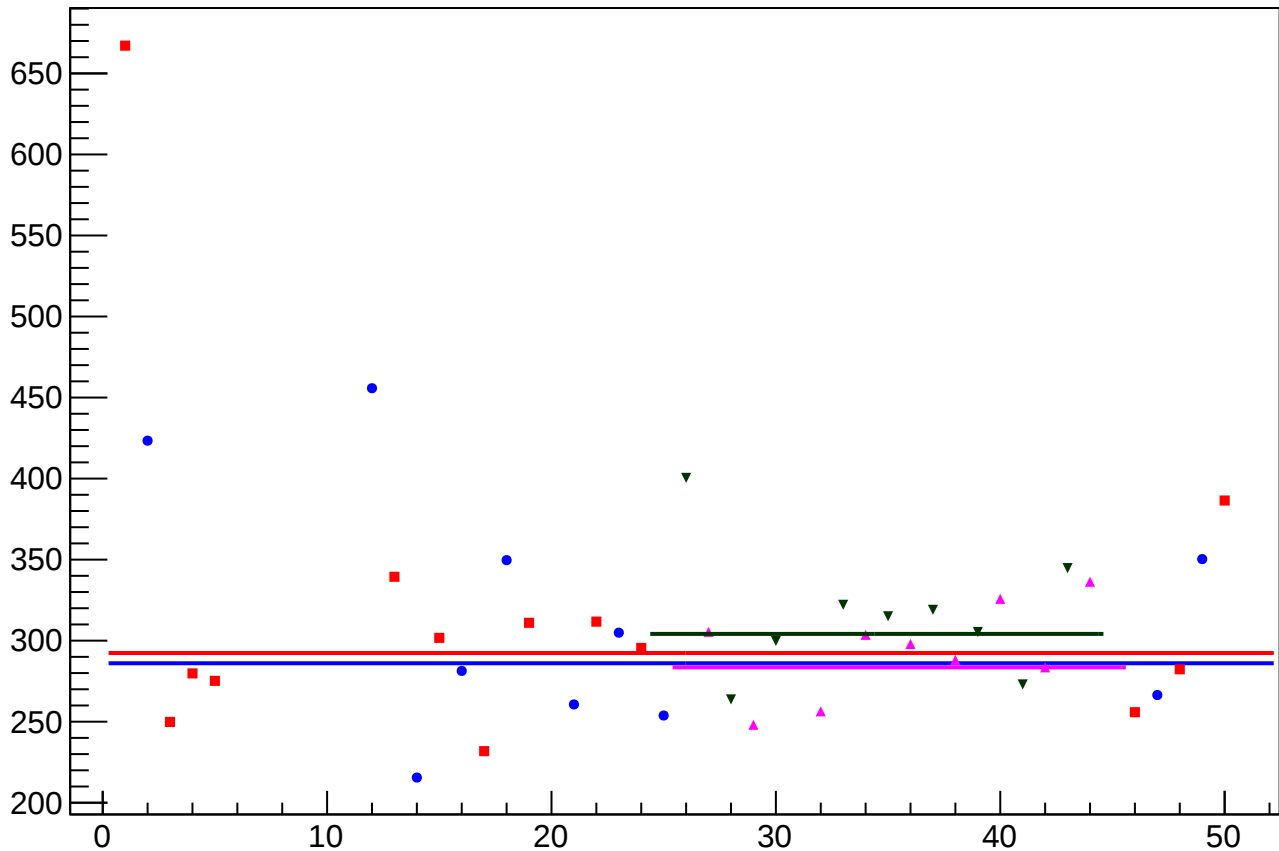
Left Out: 393.410 $\pm$ 139.060 χ^2 /NDF: 2.7/8

Right Out: 296.877 $\pm$ 123.846 χ^2 /NDF: 12.6/12

Left In: 810.762 $\pm$ 120.173 χ^2 /NDF: 12.1/8

458.496 $\pm$ 62.046 χ^2 /NDF: 71.2/40

asym_ds_avg_rms vs slug



Right In: 286.056+/-0.082 χ^2/NDF : 687714.4/9

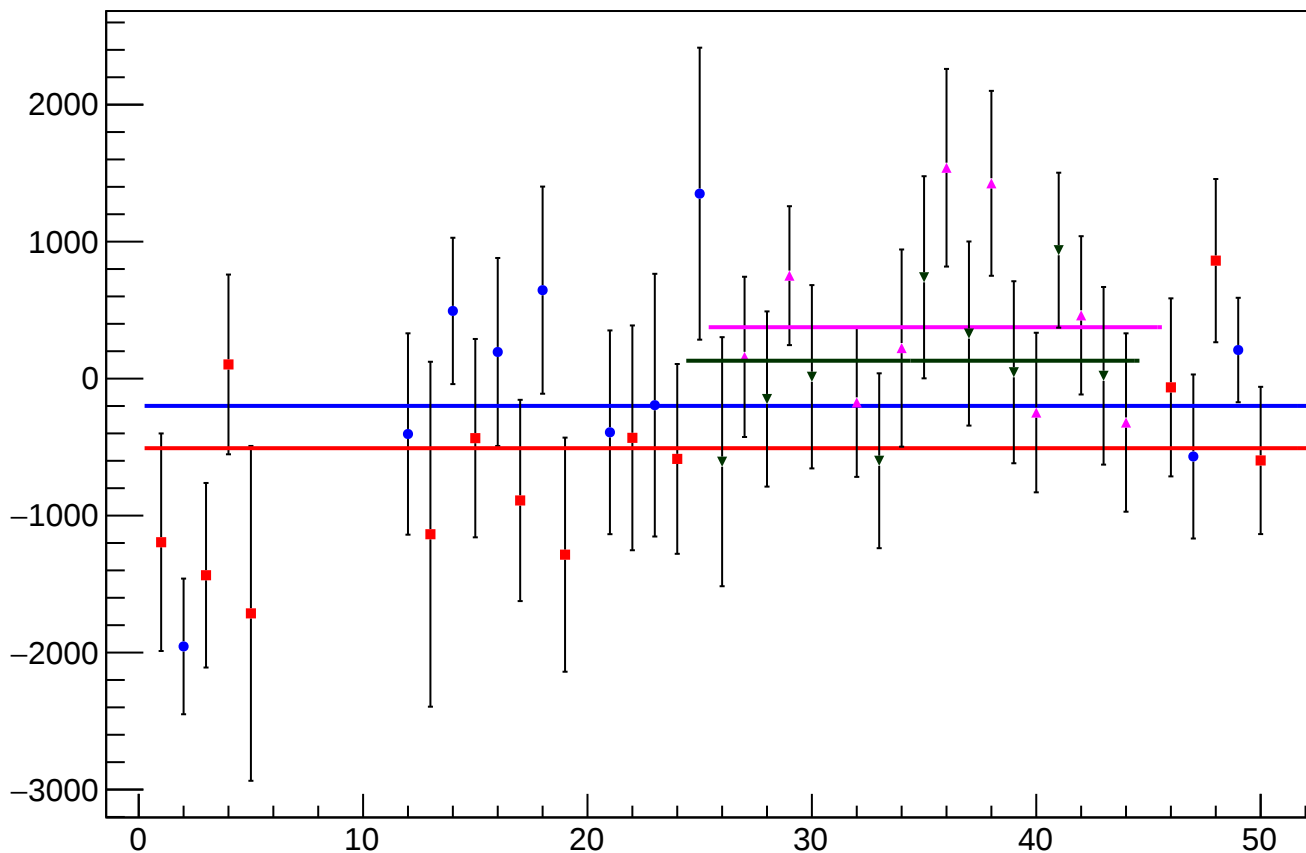
Left Out: 304.167+/-0.098 χ^2/NDF : 127437.9/8

290.576+/-0.044 χ^2/NDF : 1525201.3/40

Right Out: 292.381+/-0.088 χ^2/NDF : 568872.0/12

Left In: 283.531+/-0.085 χ^2/NDF : 111768.2/8

asym_ds_dd_mean vs slug



Right In: -199.165+/-193.345 χ^2 /NDF: 19.6/9

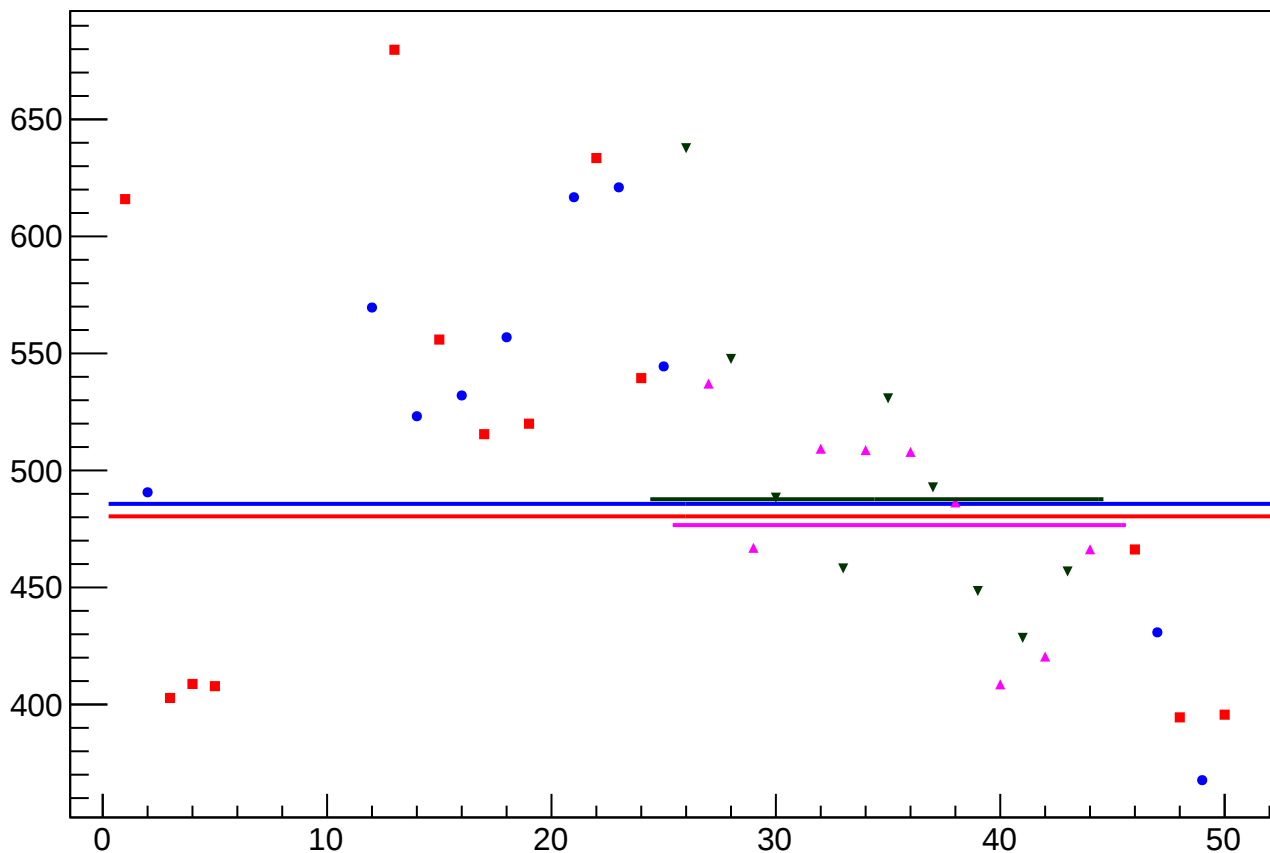
Left Out: 130.578+/-222.704 χ^2 /NDF: 5.0/8

Right Out: -507.943+/-200.985 χ^2 /NDF: 11.6/12

Left In: 375.302+/-201.841 χ^2 /NDF: 9.1/8

-62.956+/-101.948 χ^2 /NDF: 56.2/40

asym_ds_dd_rms vs slug



Right In: 485.717+/-0.137 χ^2/NDF : 379404.1/9

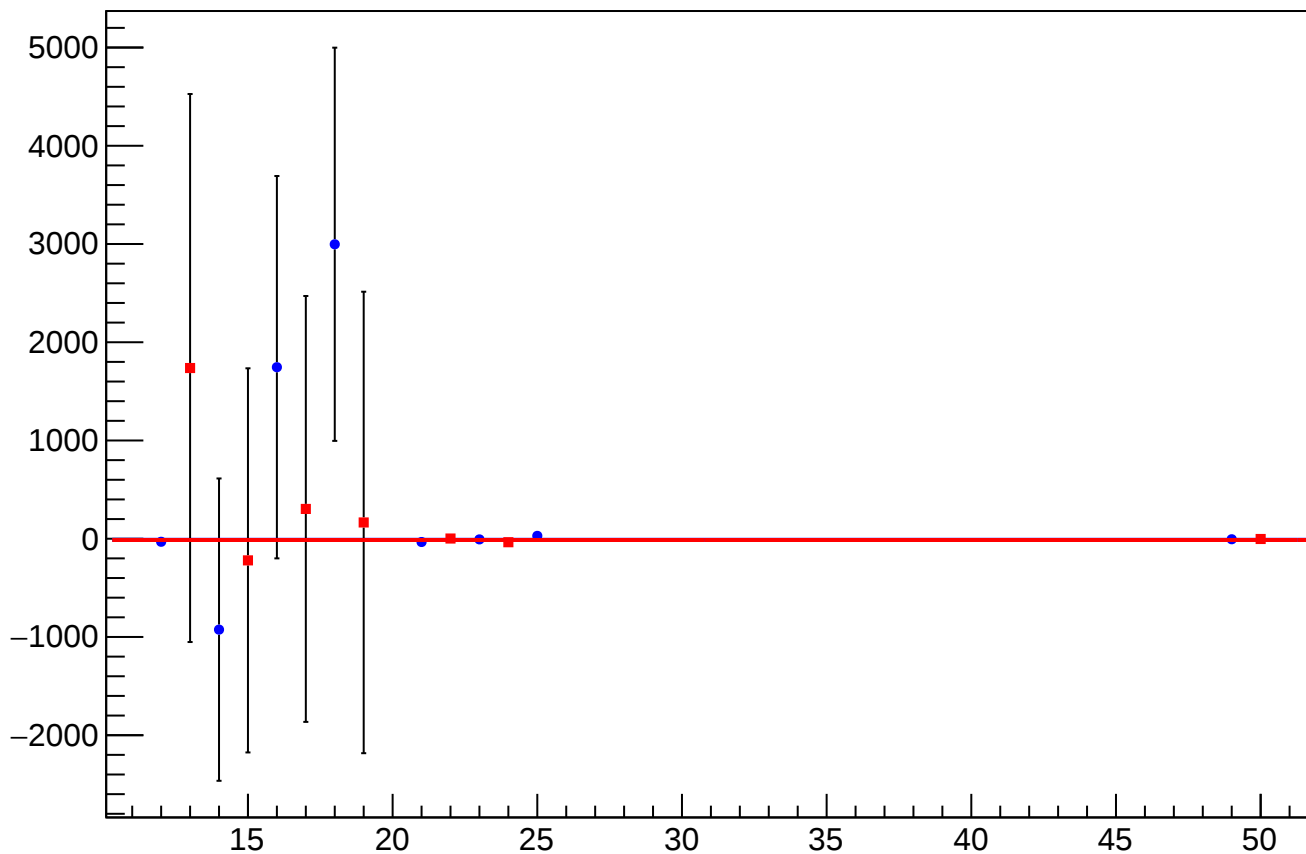
Left Out: 487.691+/-0.157 χ^2/NDF :116664.7/8

Right Out: 480.375+/-0.142 χ^2/NDF : 372826.3/12

Left In: 476.643+/-0.143 χ^2/NDF :84135.2/8

482.442+/-0.072 χ^2/NDF : 956577.9/40

bcm_an_us_ds_dd_mean vs slug



Right In: -11.036+/-10.722 χ^2 /NDF: 6.3/7

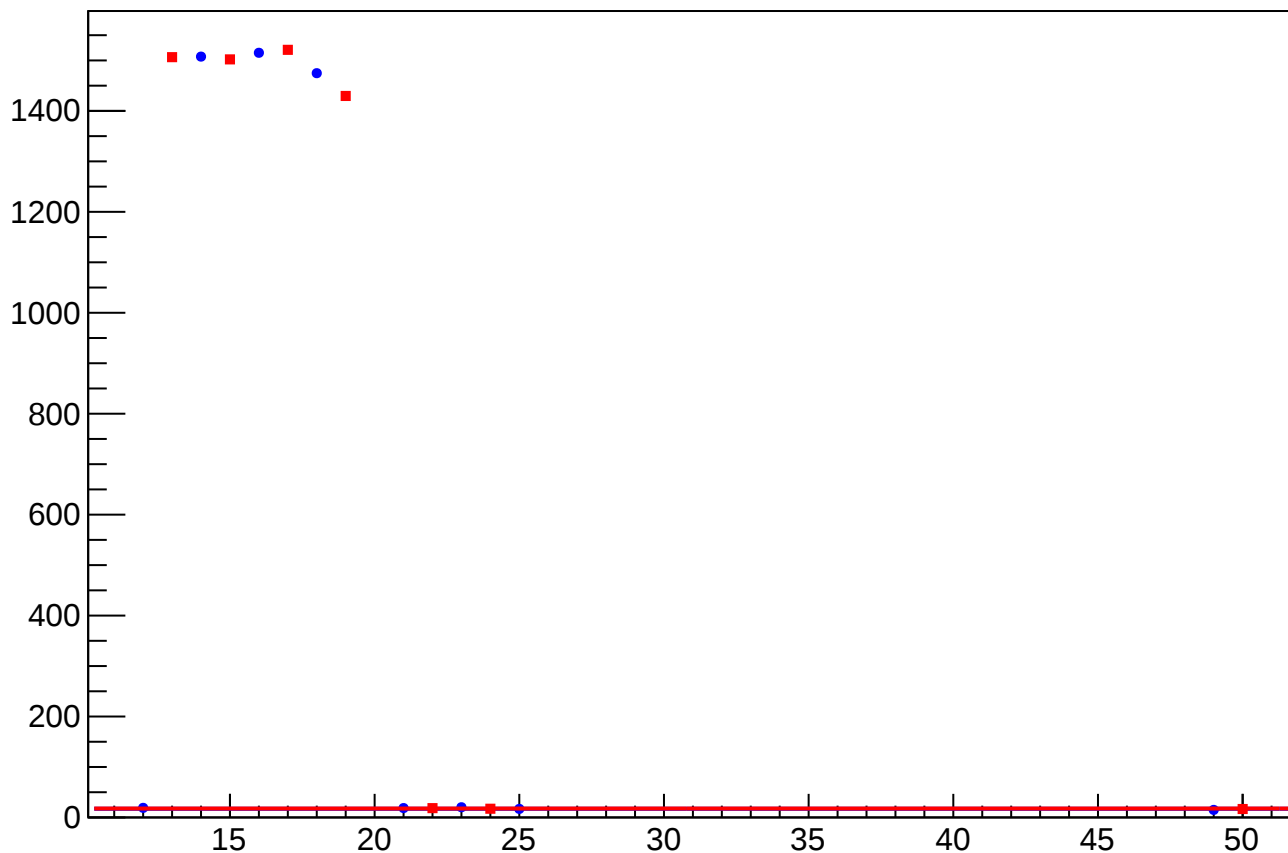
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

-11.743+/-8.393 χ^2 /NDF: 8.3/14

bcm_an_us_ds_dd_rms vs slug



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

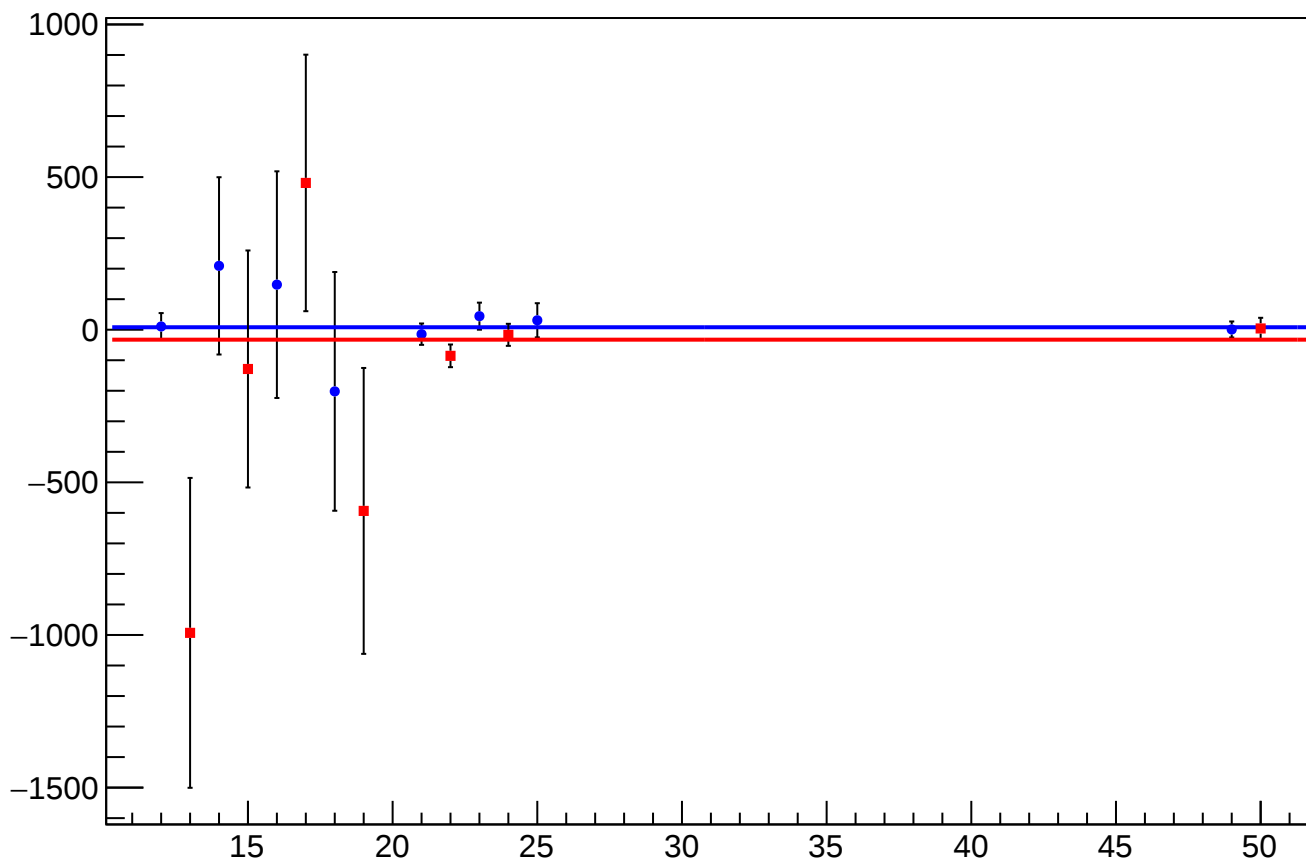
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

17.381+/-0.006 χ^2/NDF : 7608619.6/14

bcm_dg_us_ds_dd_mean vs slug



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

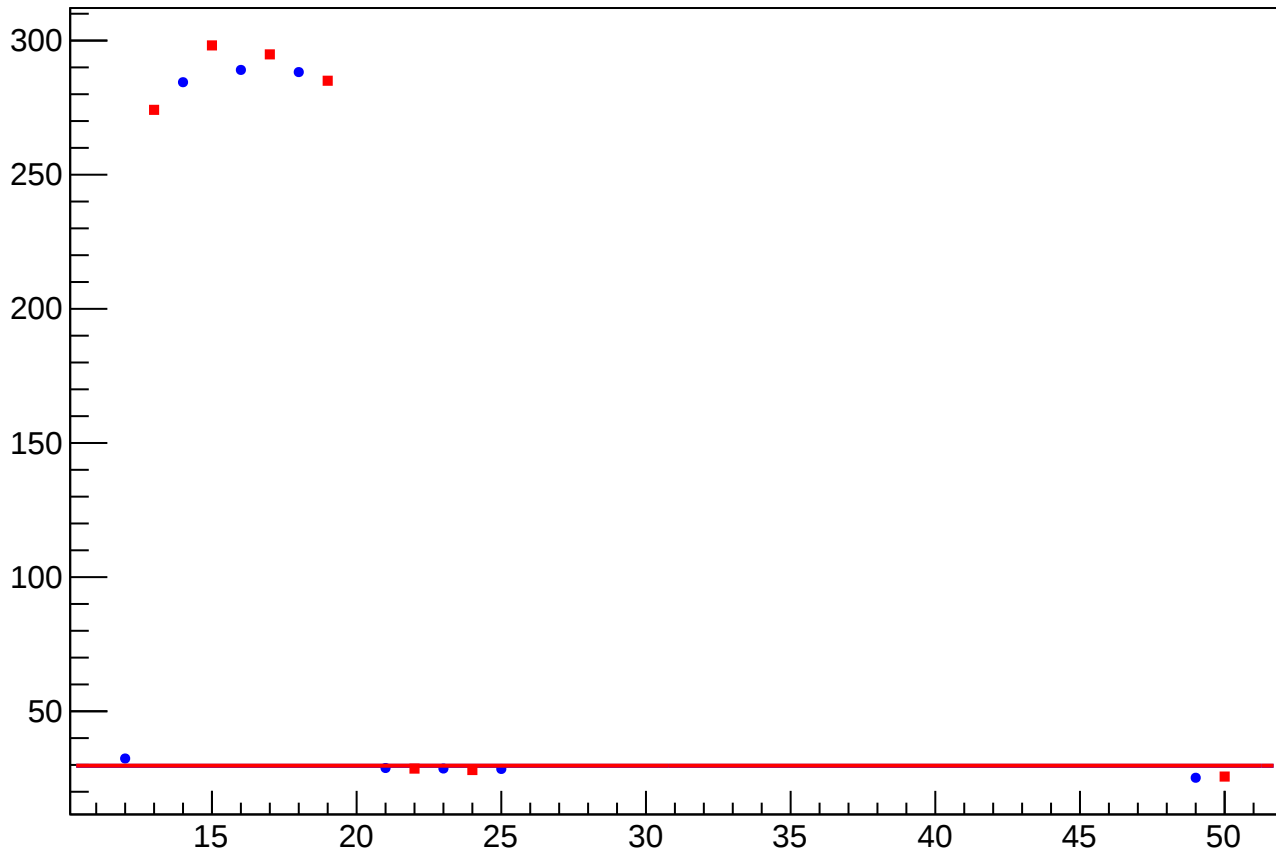
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

-7.790+/-12.926 χ^2 /NDF: 14.5/14

bcm_dg_us_ds_dd_rms vs slug



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

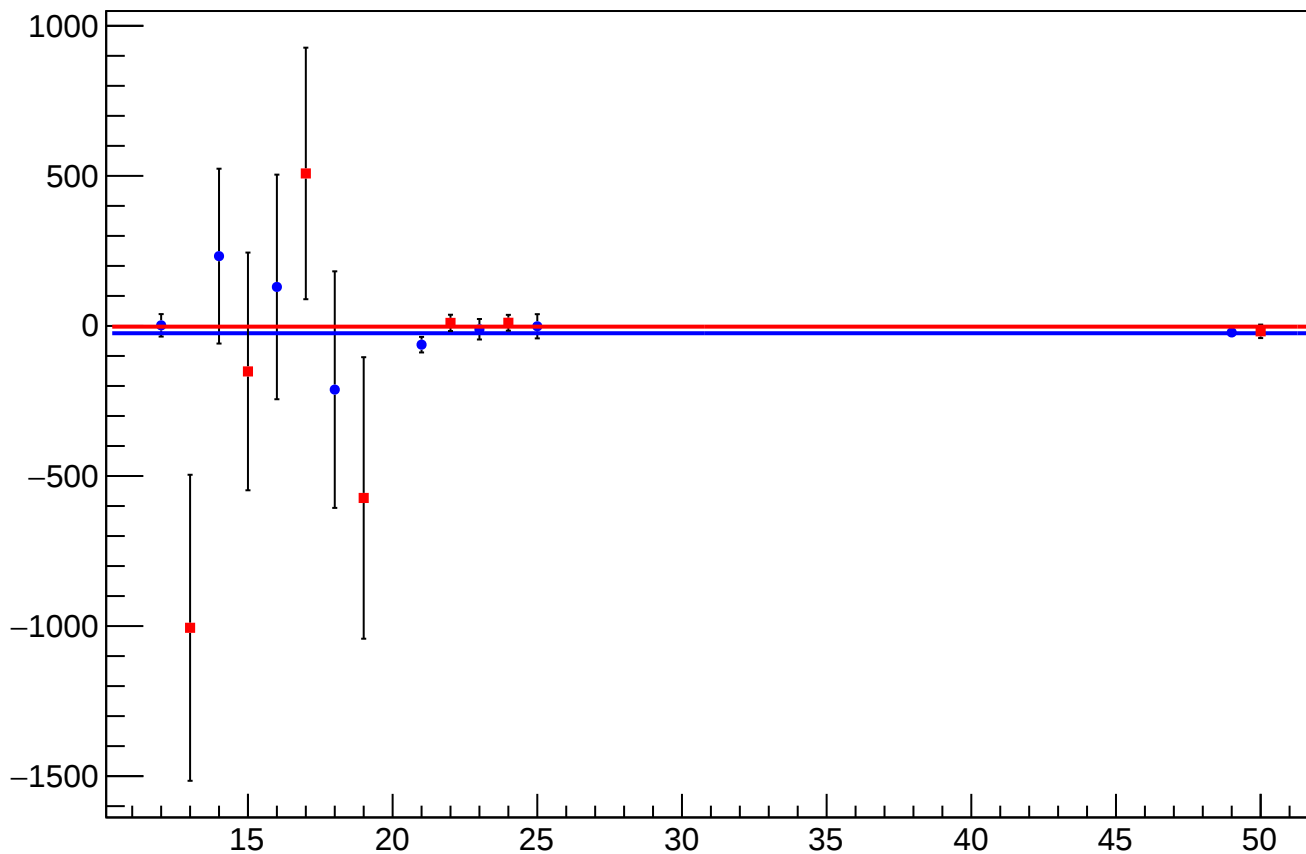
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

29.690+/-0.009 χ^2/NDF : 6303370.0/14

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

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

bcm_dg_ds_ds_dd_mean vs slug



Right In: -24.310 $\pm$ 11.740 χ^2 /NDF: 4.3/7

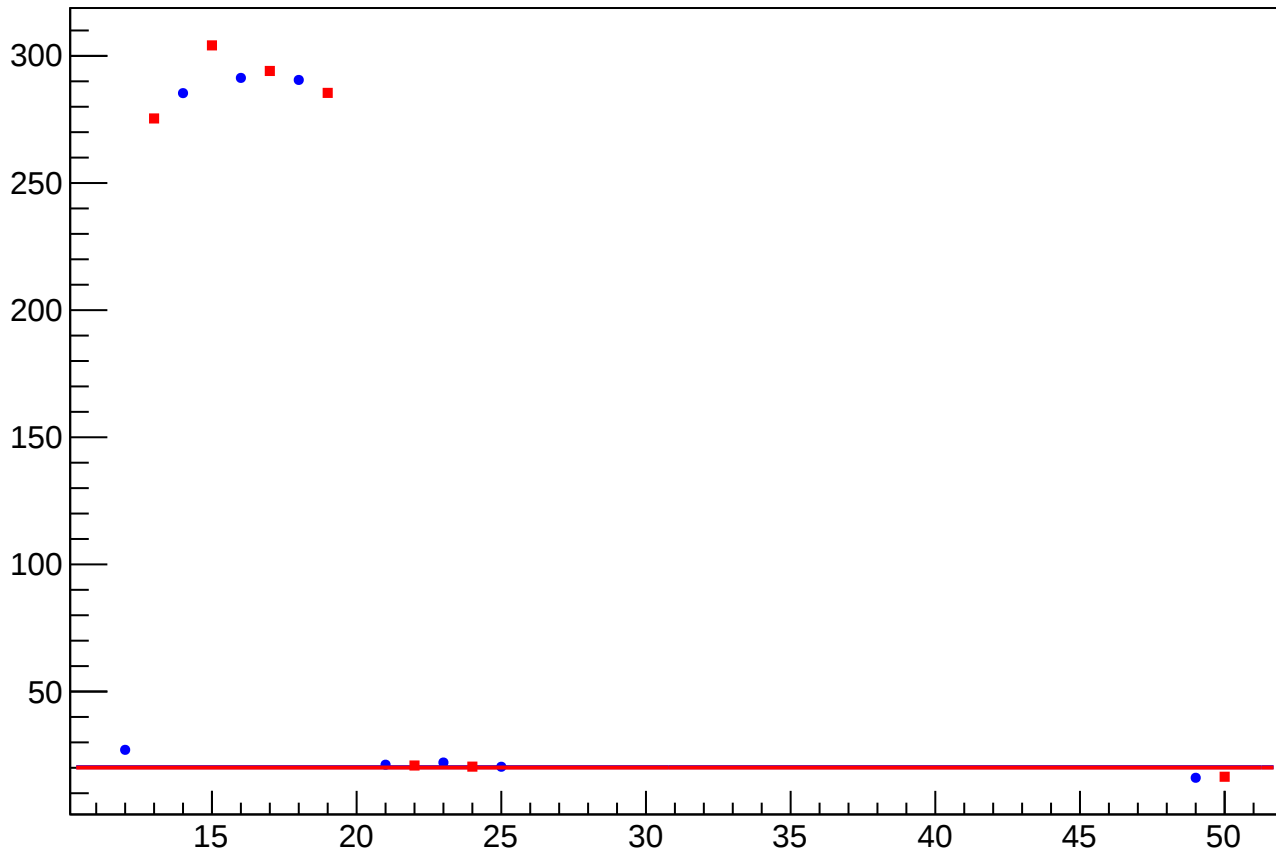
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

-15.561 $\pm$ 9.107 χ^2 /NDF: 13.6/14

bcm_dg_ds_ds_dd_rms vs slug



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

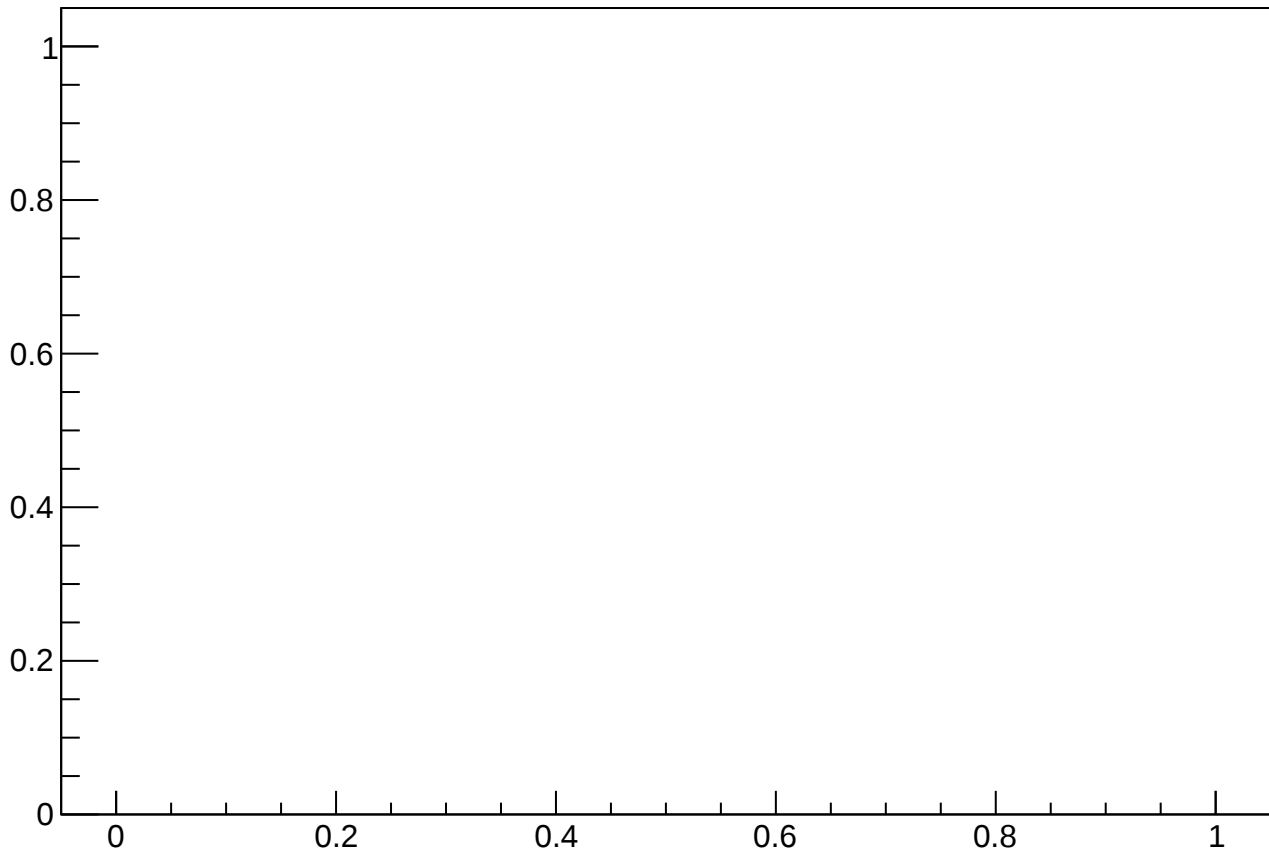
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.185+/-0.006 χ^2/NDF : 6925328.1/14

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

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

bcm_dg_ds_ds3_dd_mean vs slug



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

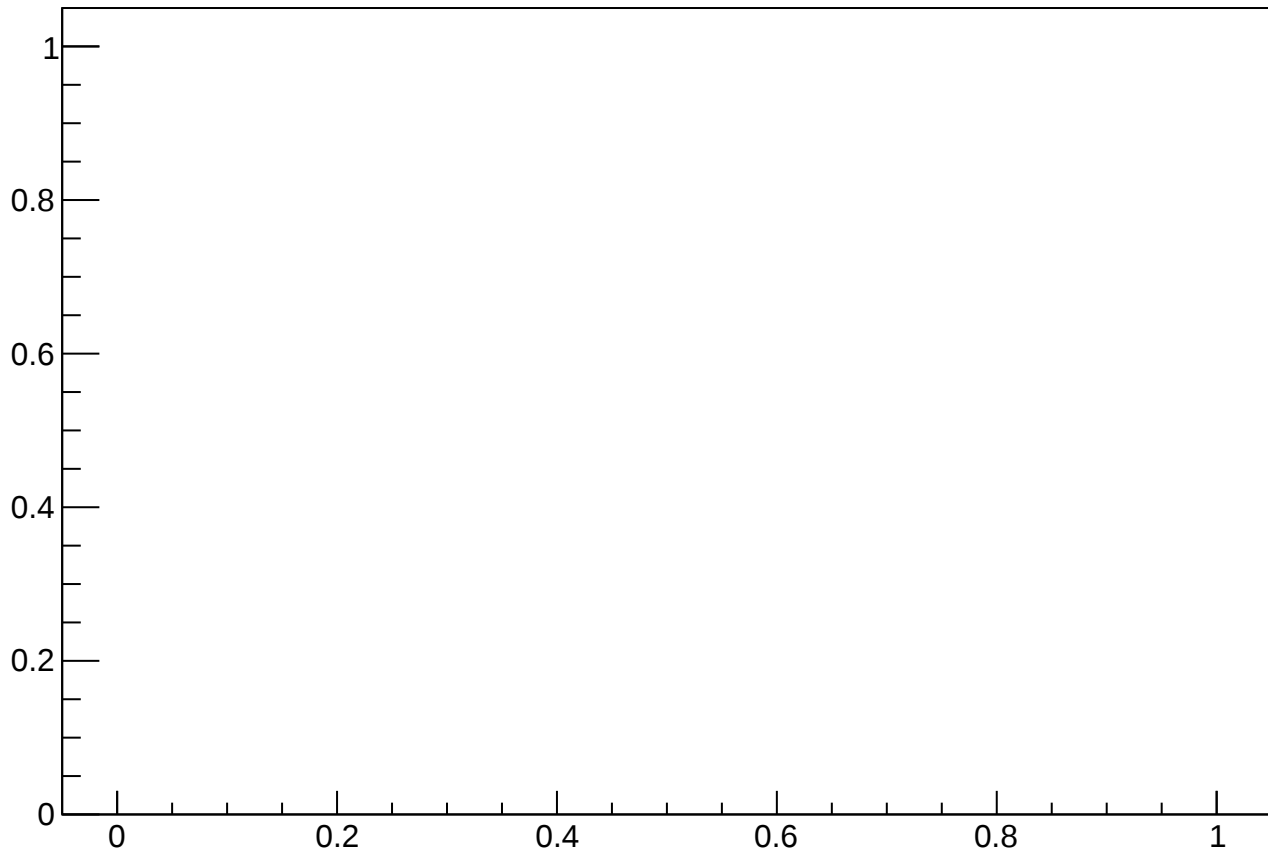
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

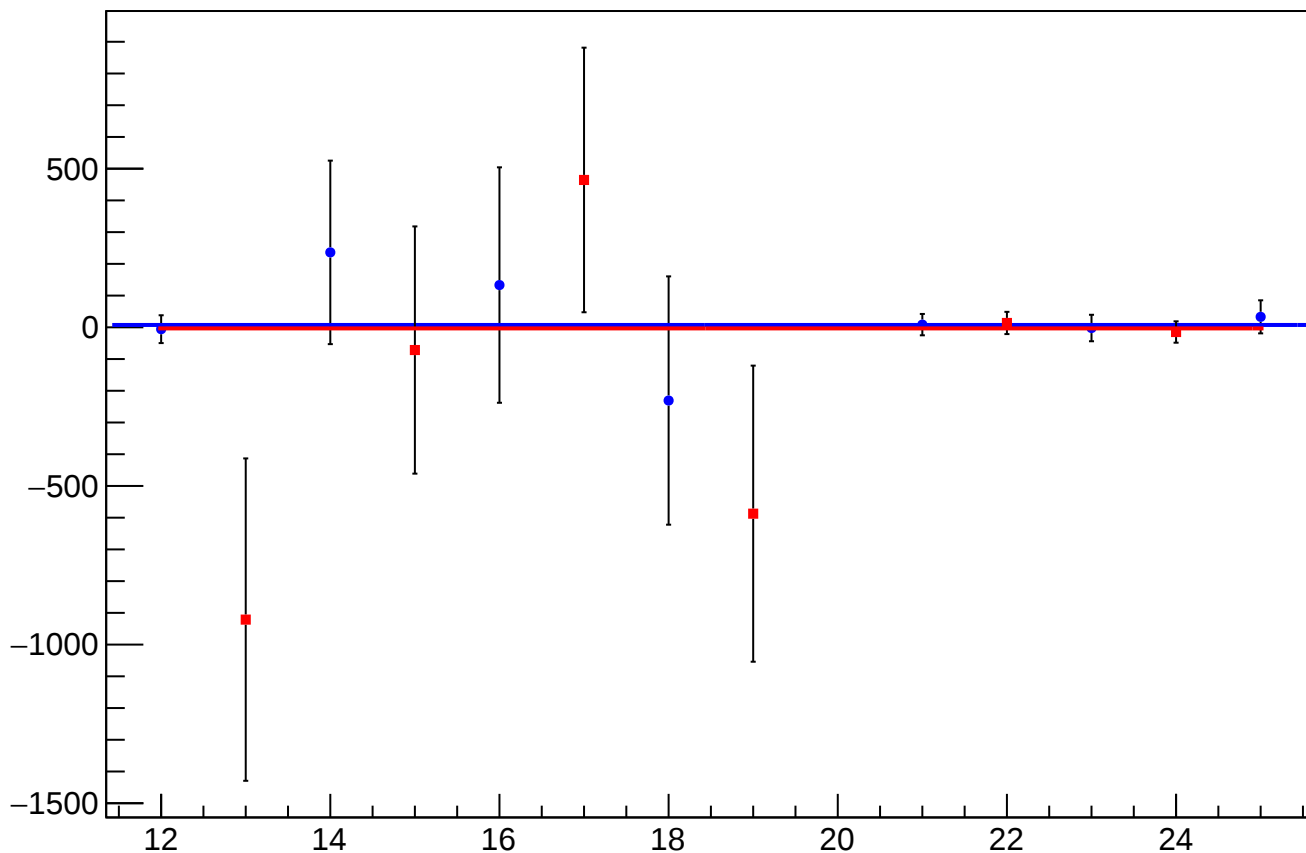
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

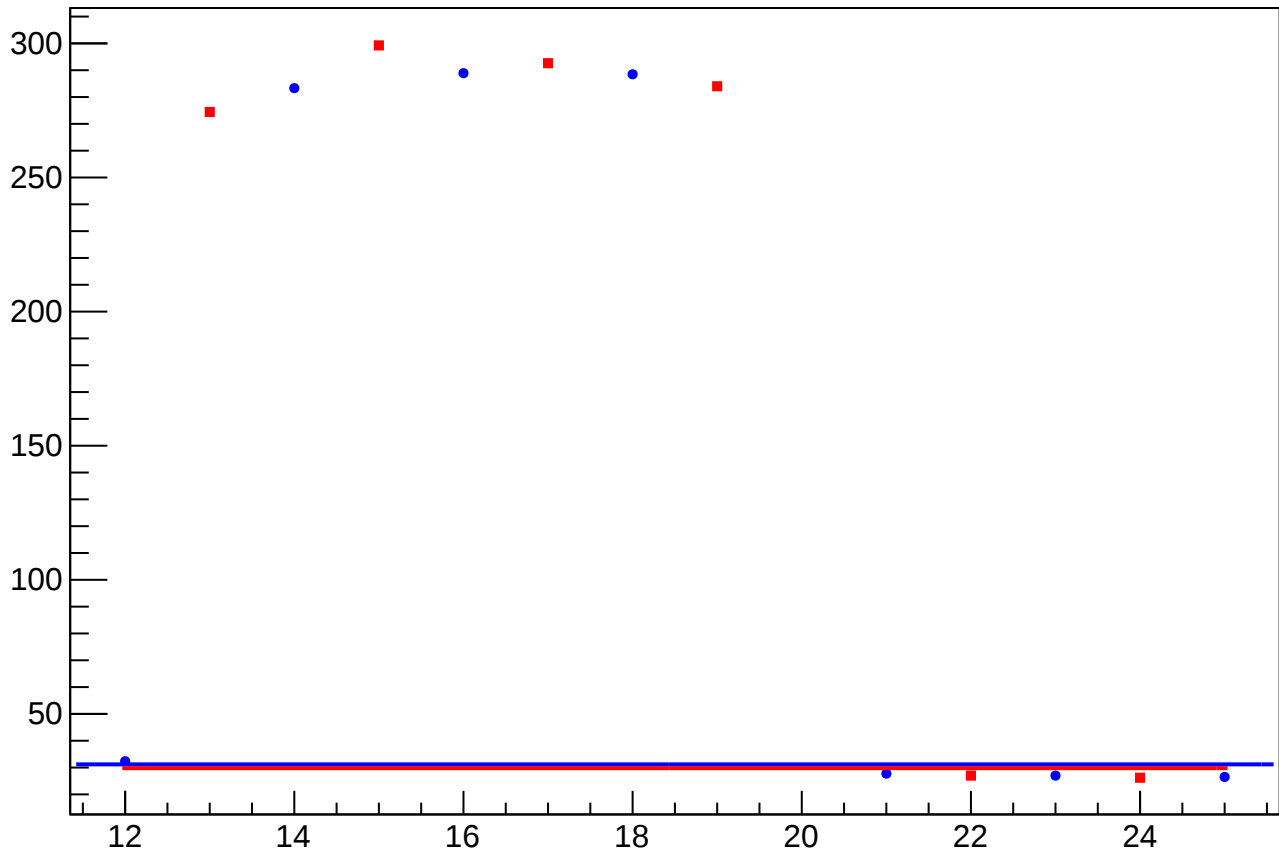
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.015 χ^2 /NDF: 3408382.3/6

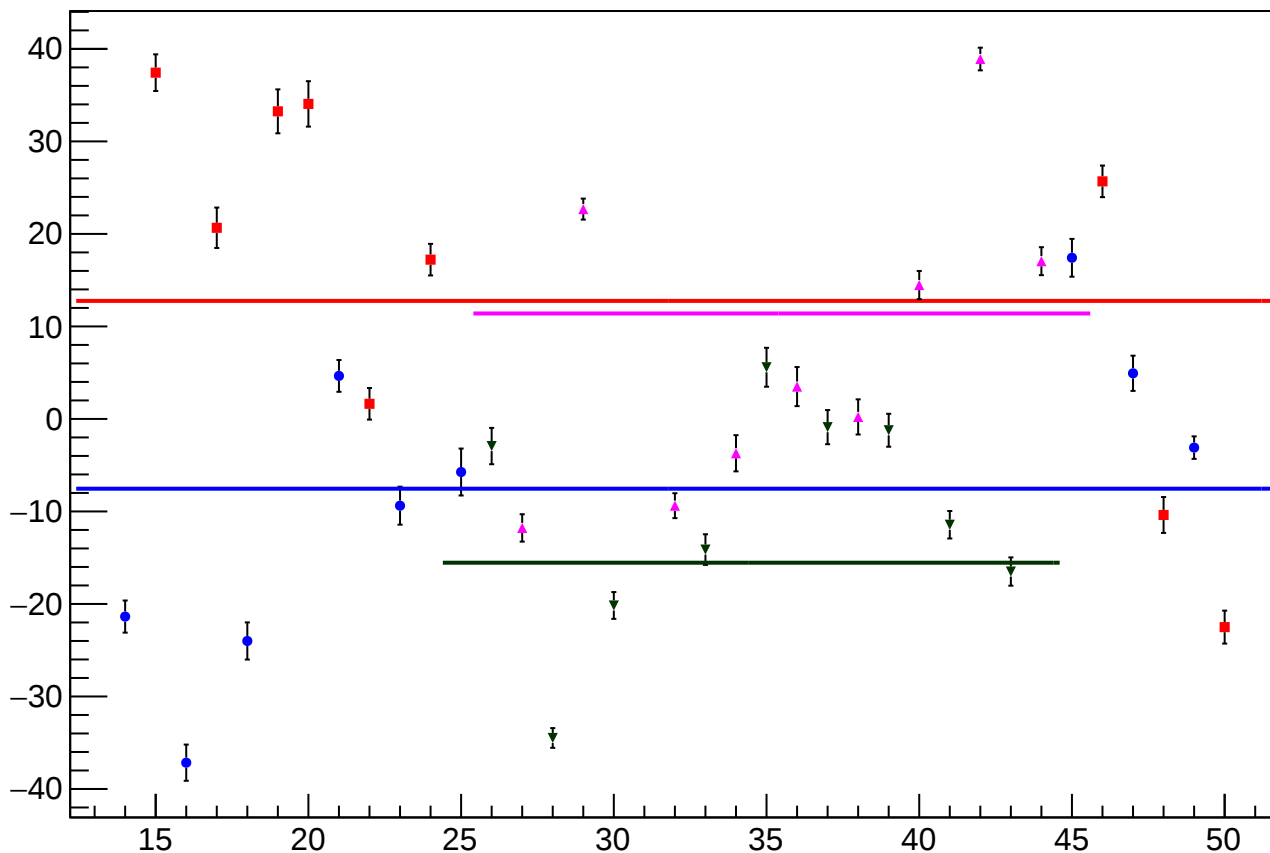
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.598 $\pm$ 0.011 χ^2 /NDF: 6256207.0/12

Right Out: 29.778 $\pm$ 0.017 χ^2 /NDF: 2843835.9/5

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -7.541 ± 0.601 χ^2/NDF : 616.6/8

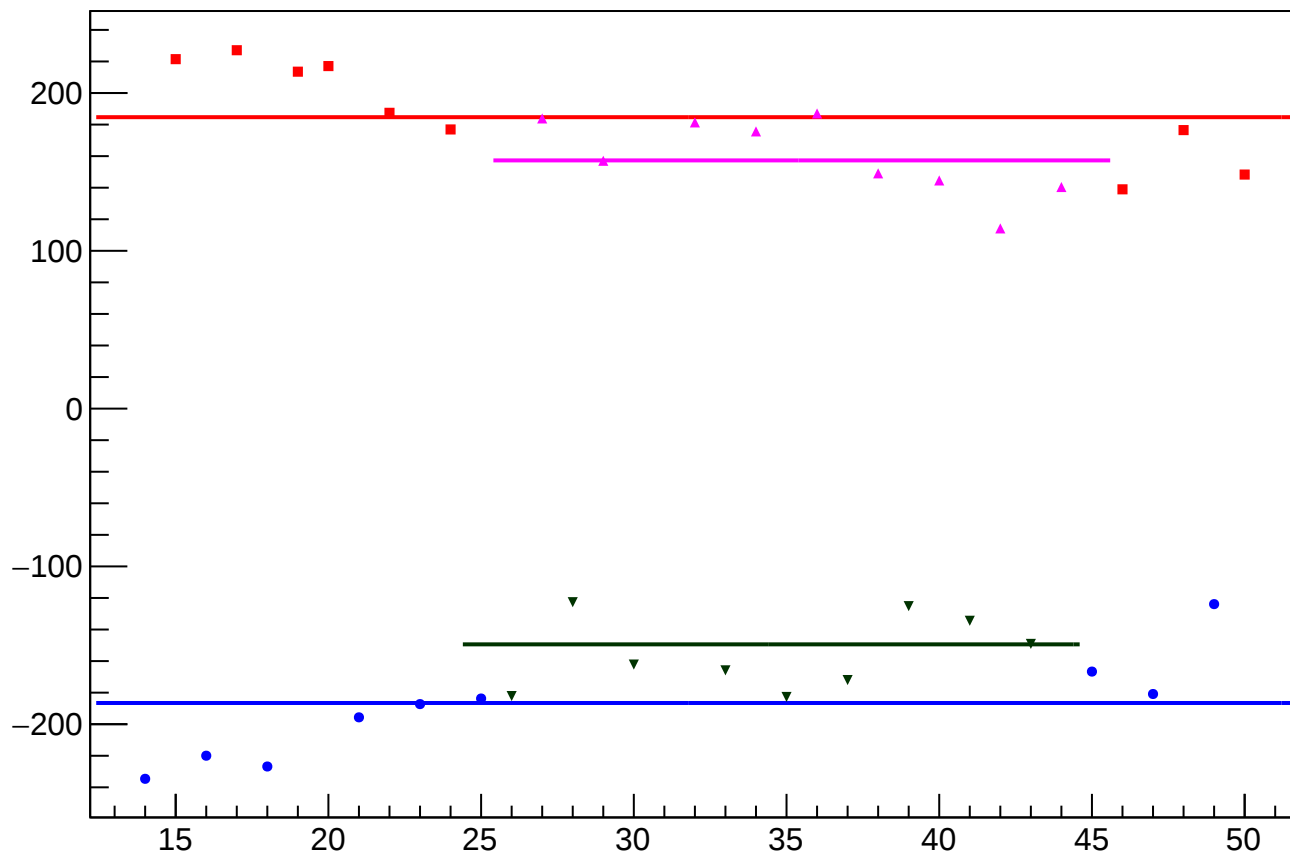
Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

Right Out: 12.760 ± 0.643 χ^2/NDF : 958.8/8

Left In: 11.401 ± 0.495 χ^2/NDF : 1211.6/8

-0.069 ± 0.278 χ^2/NDF : 5365.0/35

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -186.550 ± 0.476 $\chi^2/\text{NDF}: 6323.7/8$

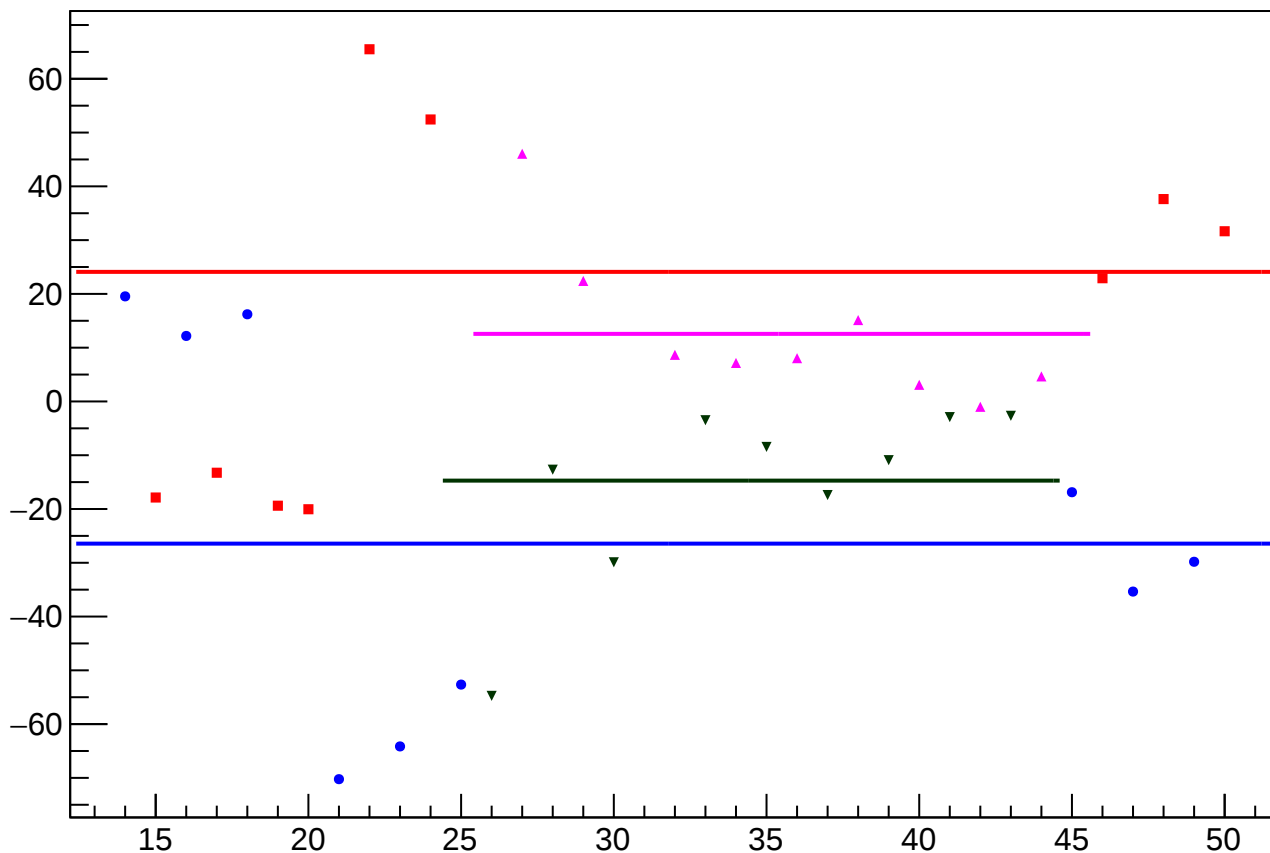
Left Out: -149.395 ± 0.395 $\chi^2/\text{NDF}: 3200.8/8$

Right Out: 184.689 ± 0.497 $\chi^2/\text{NDF}: 3751.6/8$

Left In: 157.299 ± 0.365 $\chi^2/\text{NDF}: 4330.1/8$

6.353 ± 0.211 $\chi^2/\text{NDF}: 636940.9/35$

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -26.440 $\pm$ 0.111 χ^2 /NDF: 78505.5/8

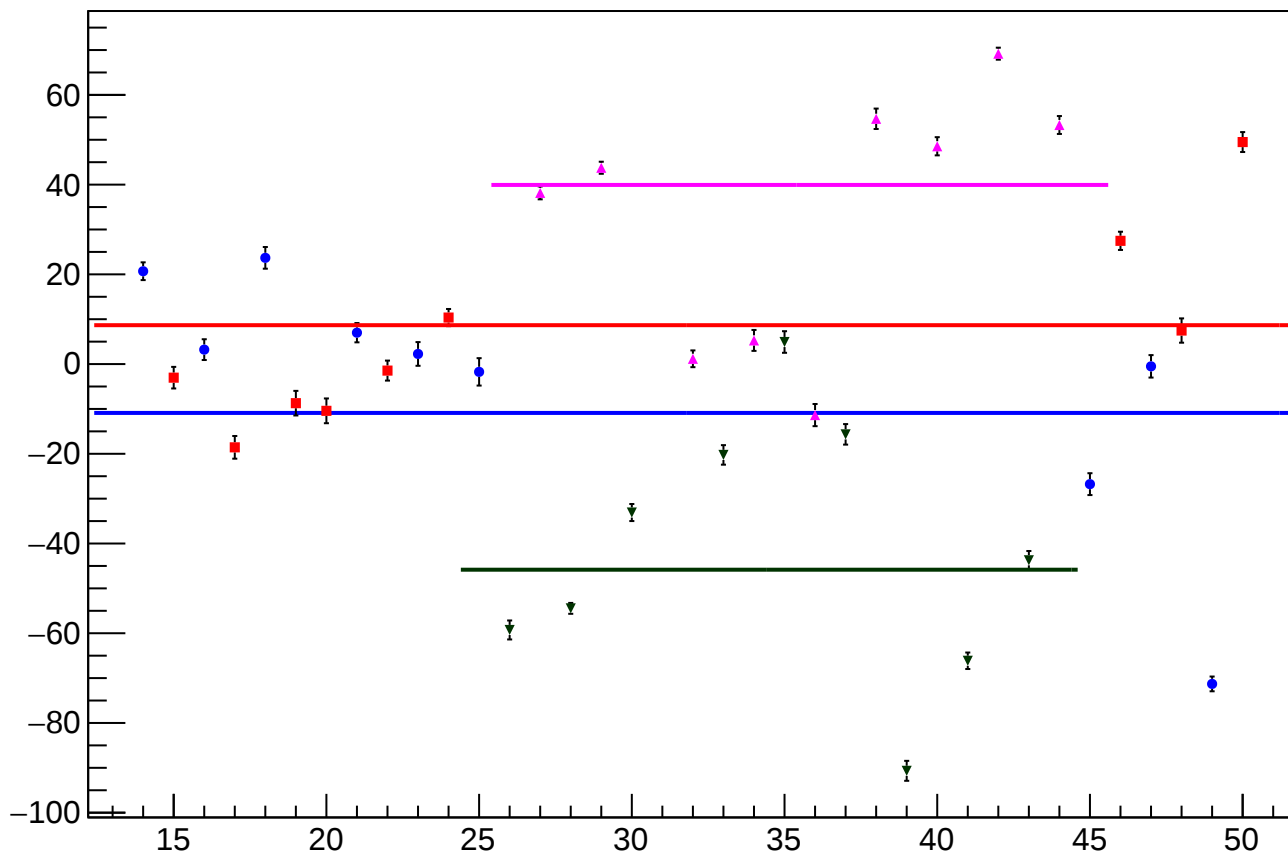
Left Out: -14.722 $\pm$ 0.088 χ^2 /NDF: 26364.3/8

Right Out: 24.096 $\pm$ 0.117 χ^2 /NDF: 66056.4/8

Left In: 12.566 $\pm$ 0.085 χ^2 /NDF: 25284.4/8

-1.321 $\pm$ 0.049 χ^2 /NDF: 345023.1/35

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -10.889 ± 0.750 χ^2/NDF : 2008.2/8

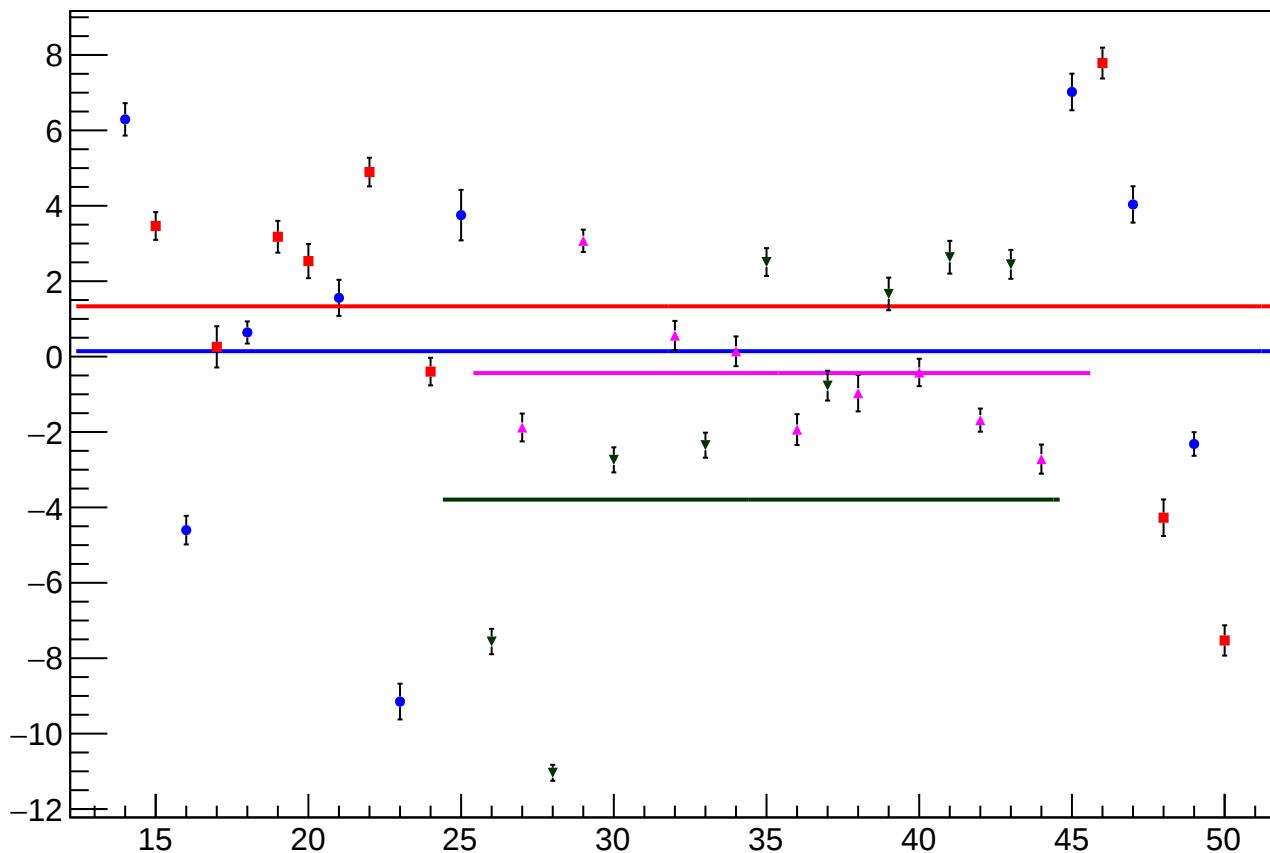
Left Out: -45.838 ± 0.634 χ^2/NDF : 1422.1/8

Right Out: 8.668 ± 0.779 χ^2/NDF : 672.5/8

Left In: 39.932 ± 0.586 χ^2/NDF : 1674.4/8

-0.301 ± 0.337 χ^2/NDF : 15983.4/35

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 0.143+/-0.136 χ^2/NDF : 1113.6/8

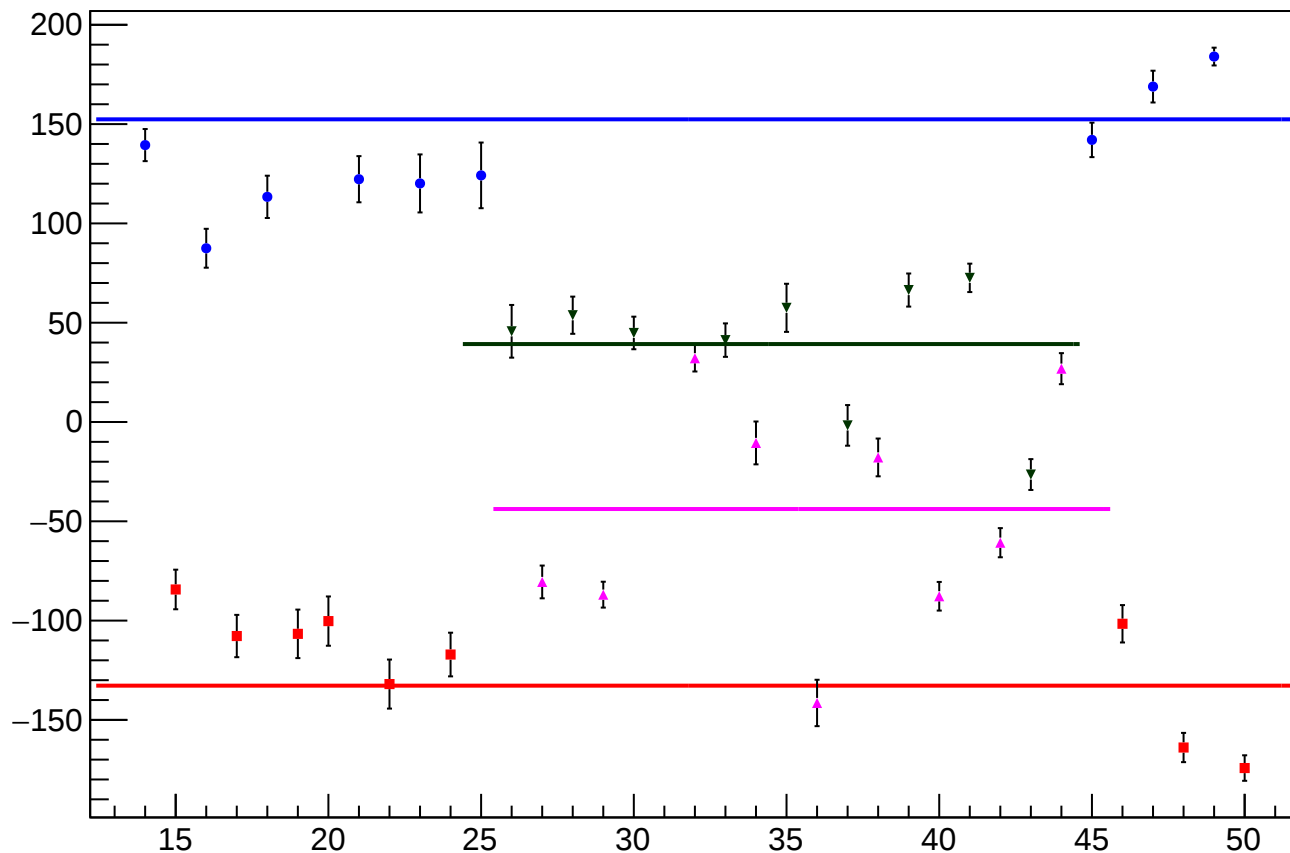
Left Out: -3.793+/-0.112 χ^2/NDF : 2310.3/8

Right Out: 1.334+/-0.139 χ^2/NDF : 1043.5/8

Left In: -0.437+/-0.122 χ^2/NDF : 230.2/8

-1.015+/-0.063 χ^2/NDF : 5699.1/35

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 152.403 ± 2.783 $\chi^2/\text{NDF}: 130.0/8$

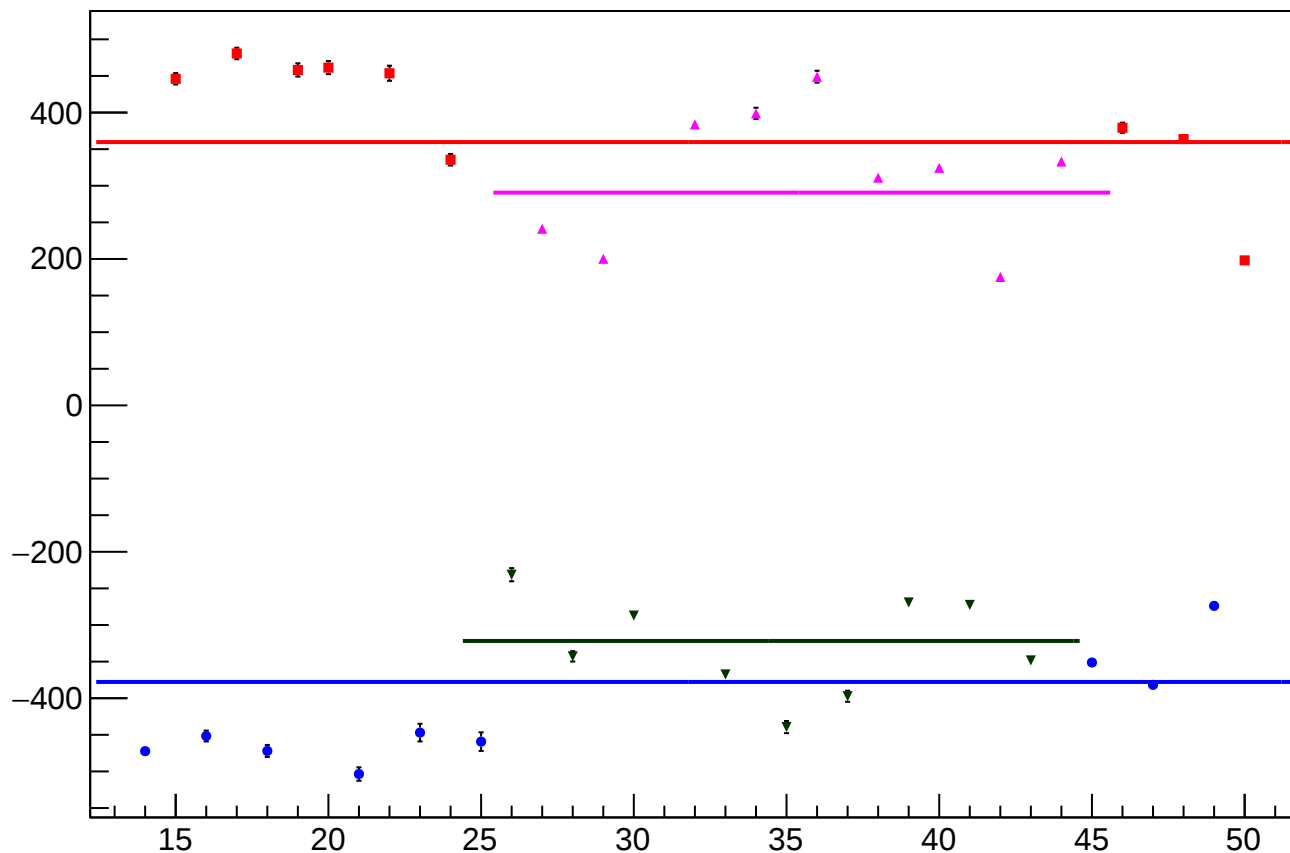
Left Out: 39.246 ± 2.976 $\chi^2/\text{NDF}: 125.4/8$

Right Out: -132.756 ± 3.149 $\chi^2/\text{NDF}: 113.1/8$

Left In: -43.812 ± 2.656 $\chi^2/\text{NDF}: 403.9/8$

9.290 ± 1.436 $\chi^2/\text{NDF}: 5952.5/35$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -377.784 +/- 2.192 χ^2/NDF : 1536.5/8

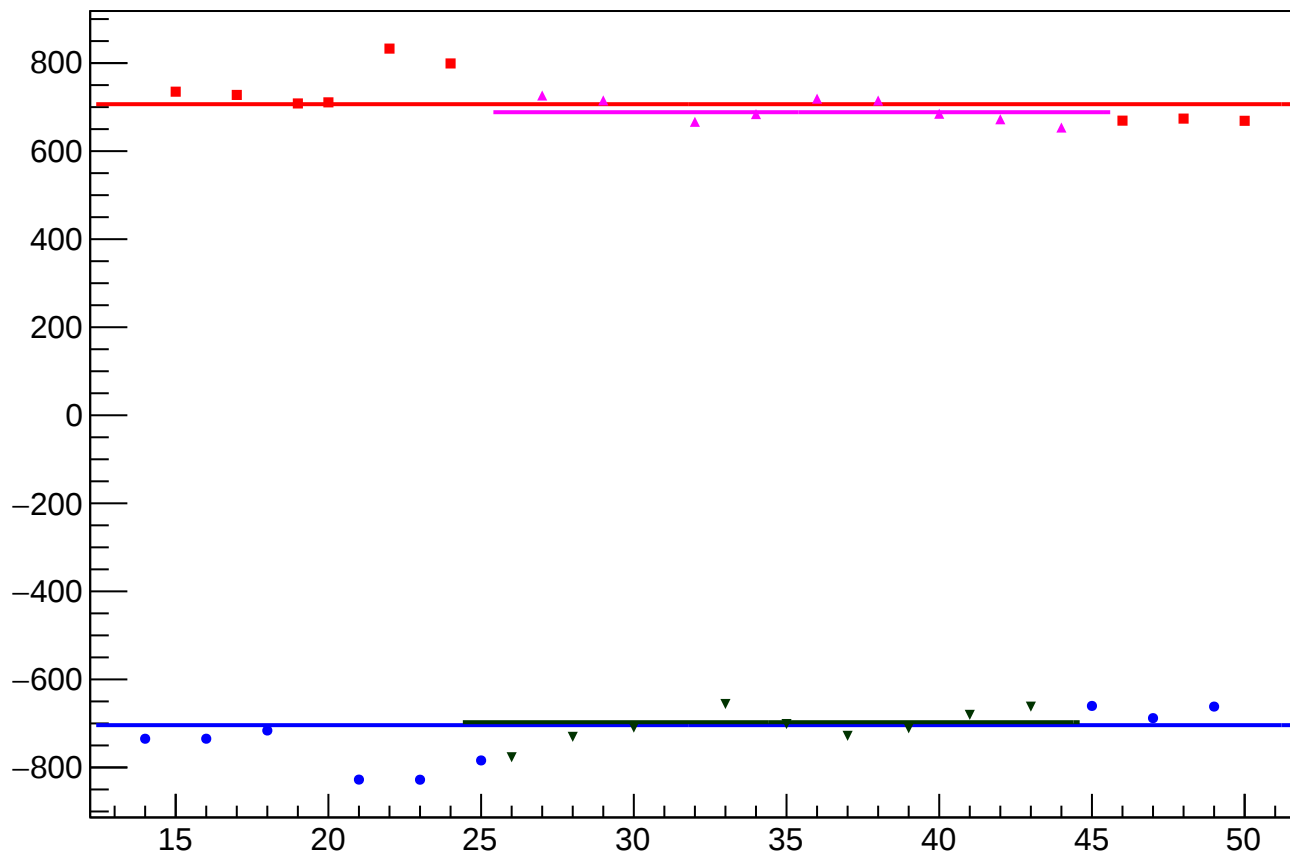
Left Out: -321.773 +/- 2.219 χ^2/NDF : 673.9/8

Right Out: 359.683 +/- 2.414 χ^2/NDF : 1808.0/8

Left In: 290.641 +/- 1.943 χ^2/NDF : 1886.9/8

-6.277 +/- 1.086 χ^2/NDF : 101183.5/35

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -703.927+/-0.521 χ^2/NDF : 10723.1/8

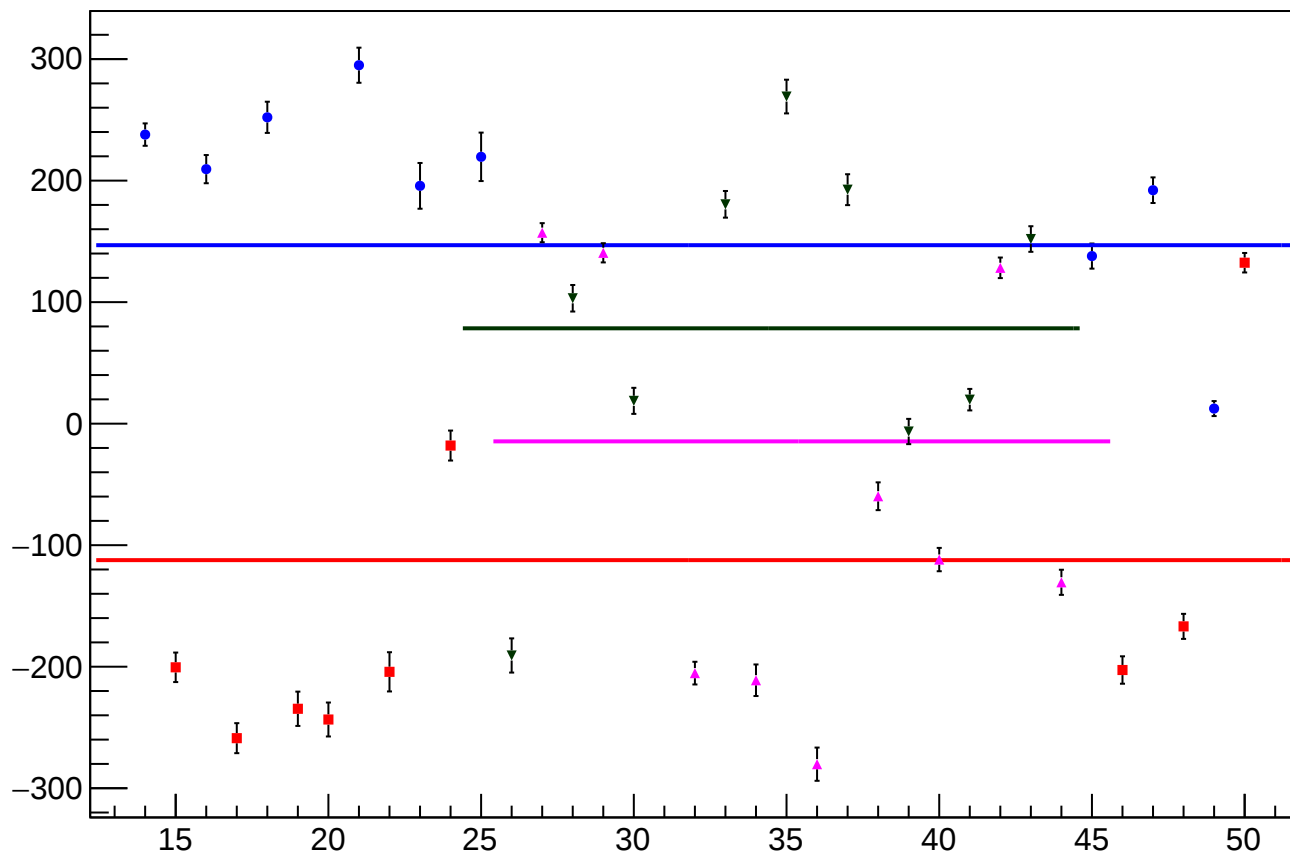
Left Out: -697.208+/-0.498 χ^2/NDF : 4232.4/8

Right Out: 706.652+/-0.577 χ^2/NDF : 7945.8/8

Left In: 688.430+/-0.456 χ^2/NDF : 2965.5/8

1.651+/-0.254 χ^2/NDF : 7593241.8/35

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 146.868 ± 3.535 $\chi^2/\text{NDF}: 812.7/8$

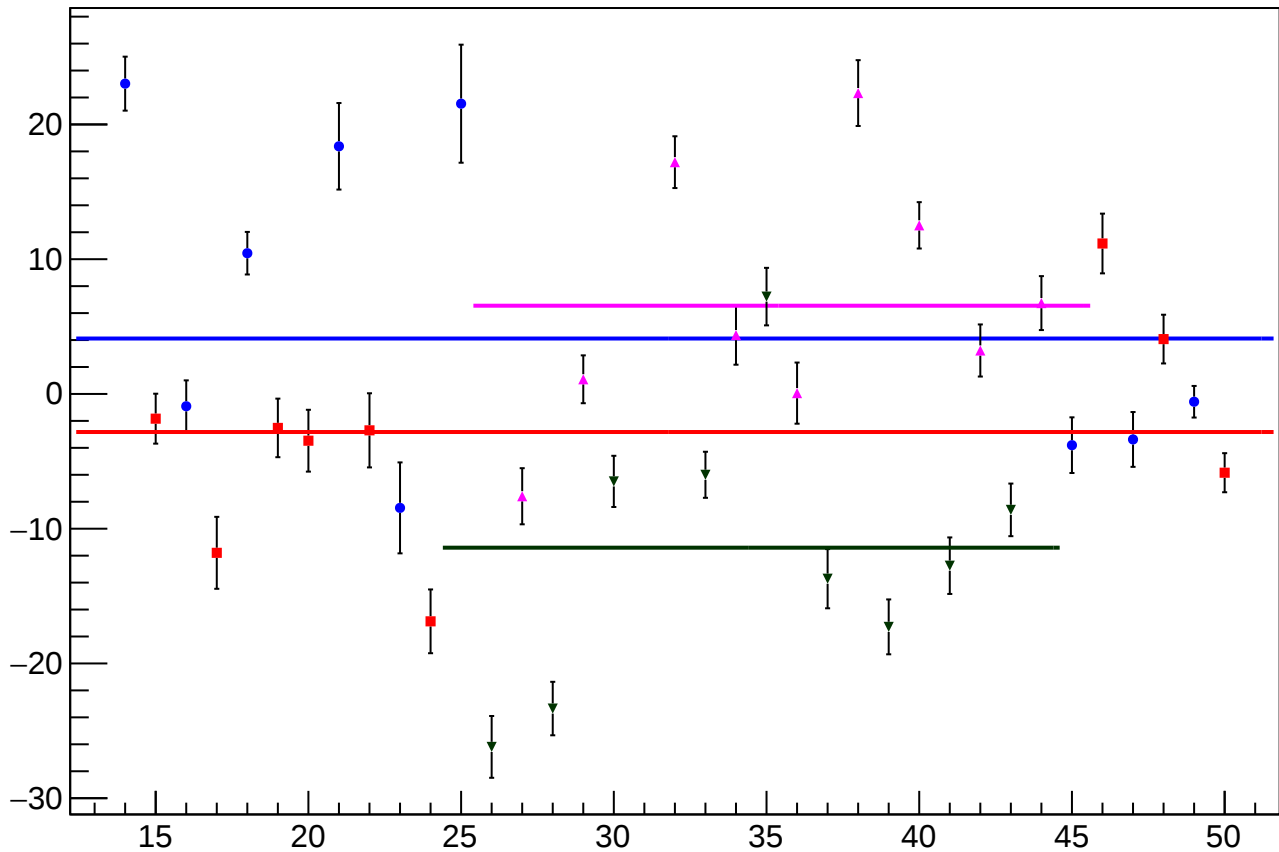
Left Out: 78.457 ± 3.704 $\chi^2/\text{NDF}: 917.8/8$

Right Out: -112.305 ± 3.872 $\chi^2/\text{NDF}: 1470.6/8$

Left In: -14.576 ± 3.215 $\chi^2/\text{NDF}: 2415.6/8$

27.080 ± 1.778 $\chi^2/\text{NDF}: 8421.2/35$

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 4.114 ± 0.651 $\chi^2/\text{NDF}: 205.8/8$

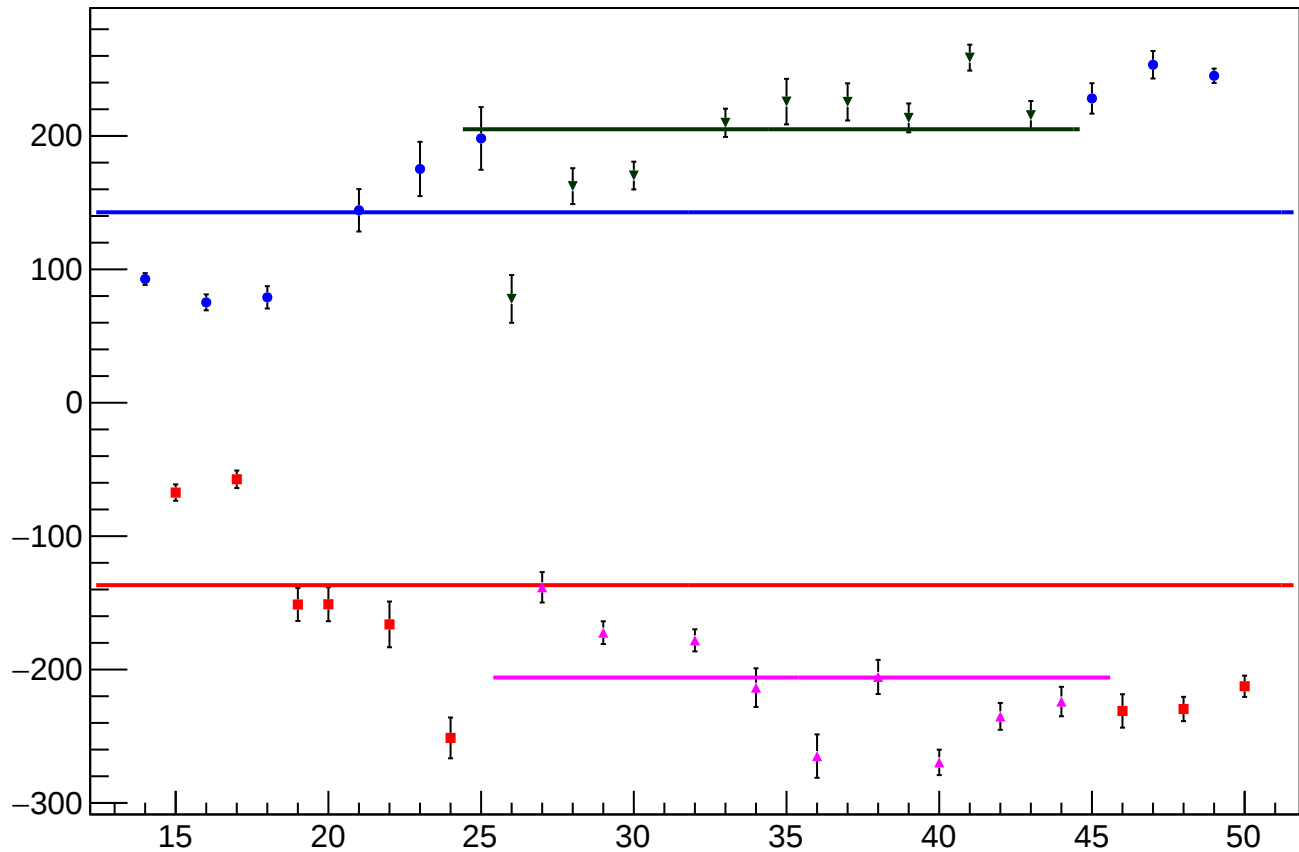
Left Out: -11.409 ± 0.671 $\chi^2/\text{NDF}: 182.6/8$

Right Out: -2.825 ± 0.685 $\chi^2/\text{NDF}: 105.6/8$

Left In: 6.549 ± 0.668 $\chi^2/\text{NDF}: 152.2/8$

-0.777 ± 0.334 $\chi^2/\text{NDF}: 1082.9/35$

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 142.781 $\pm$ 2.558 χ^2 /NDF: 849.8/8

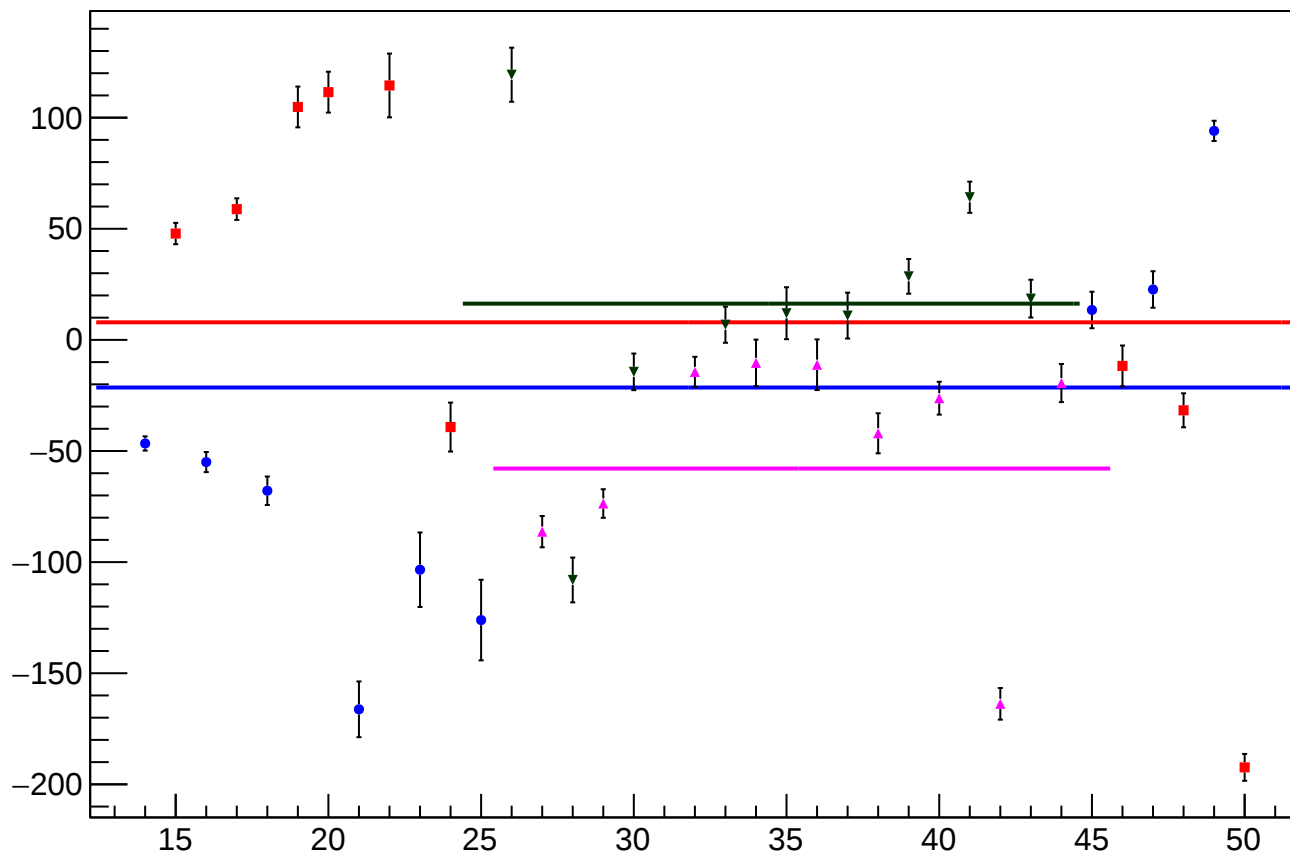
Left Out: 205.016 $\pm$ 3.976 χ^2 /NDF:107.5/8

Right Out: -136.748 $\pm$ 3.094 χ^2 /NDF: 587.6/8

Left In: -205.989 $\pm$ 3.539 χ^2 /NDF:131.2/8

10.127 $\pm$ 1.580 χ^2 /NDF: 12749.6/35

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -21.443 ± 1.956 $\chi^2/\text{NDF}: 1050.4/8$

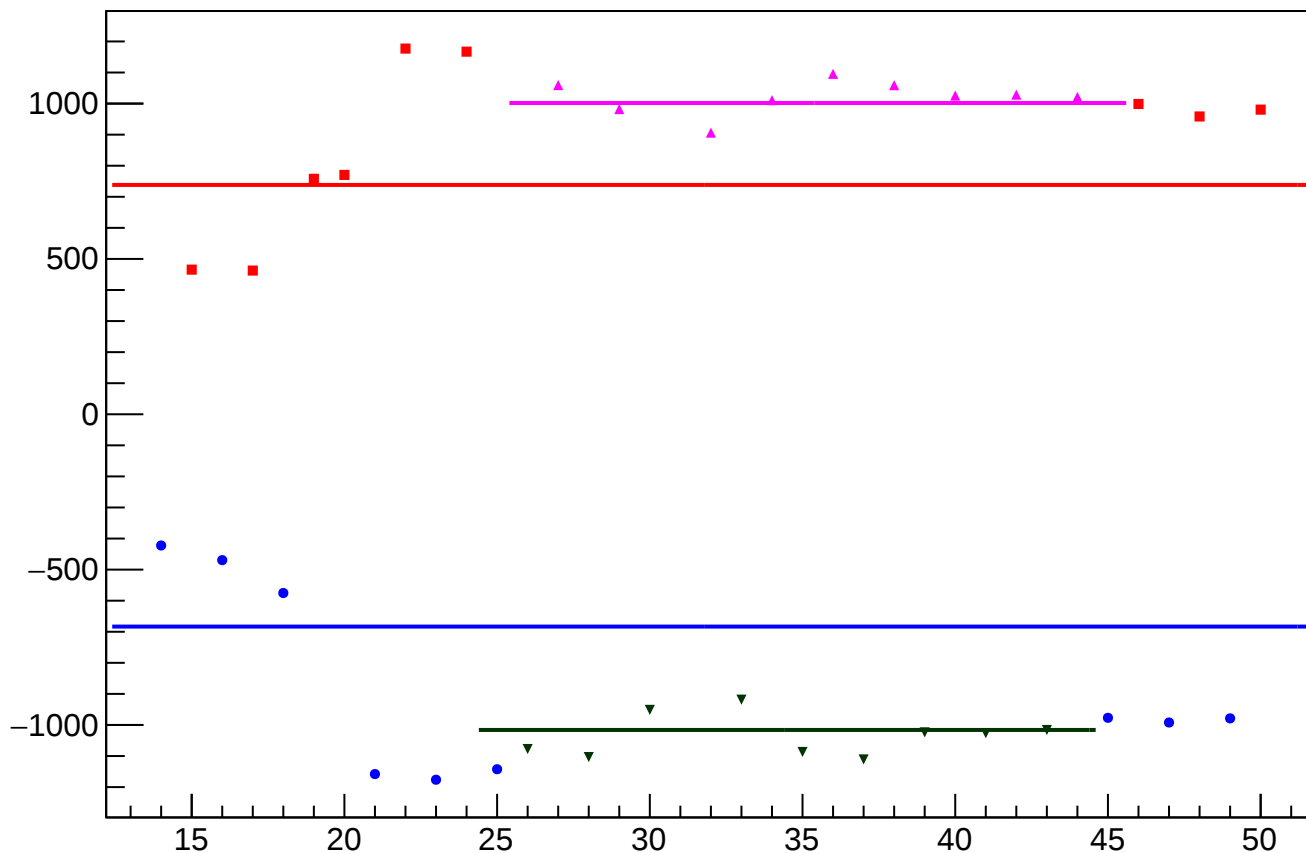
Left Out: 16.311 ± 2.966 $\chi^2/\text{NDF}: 288.5/8$

Right Out: 7.904 ± 2.366 $\chi^2/\text{NDF}: 1618.2/8$

Left In: -57.884 ± 2.609 $\chi^2/\text{NDF}: 363.4/8$

-15.474 ± 1.195 $\chi^2/\text{NDF}: 3806.5/35$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -683.350+/-0.489 χ^2/NDF : 318976.9/8

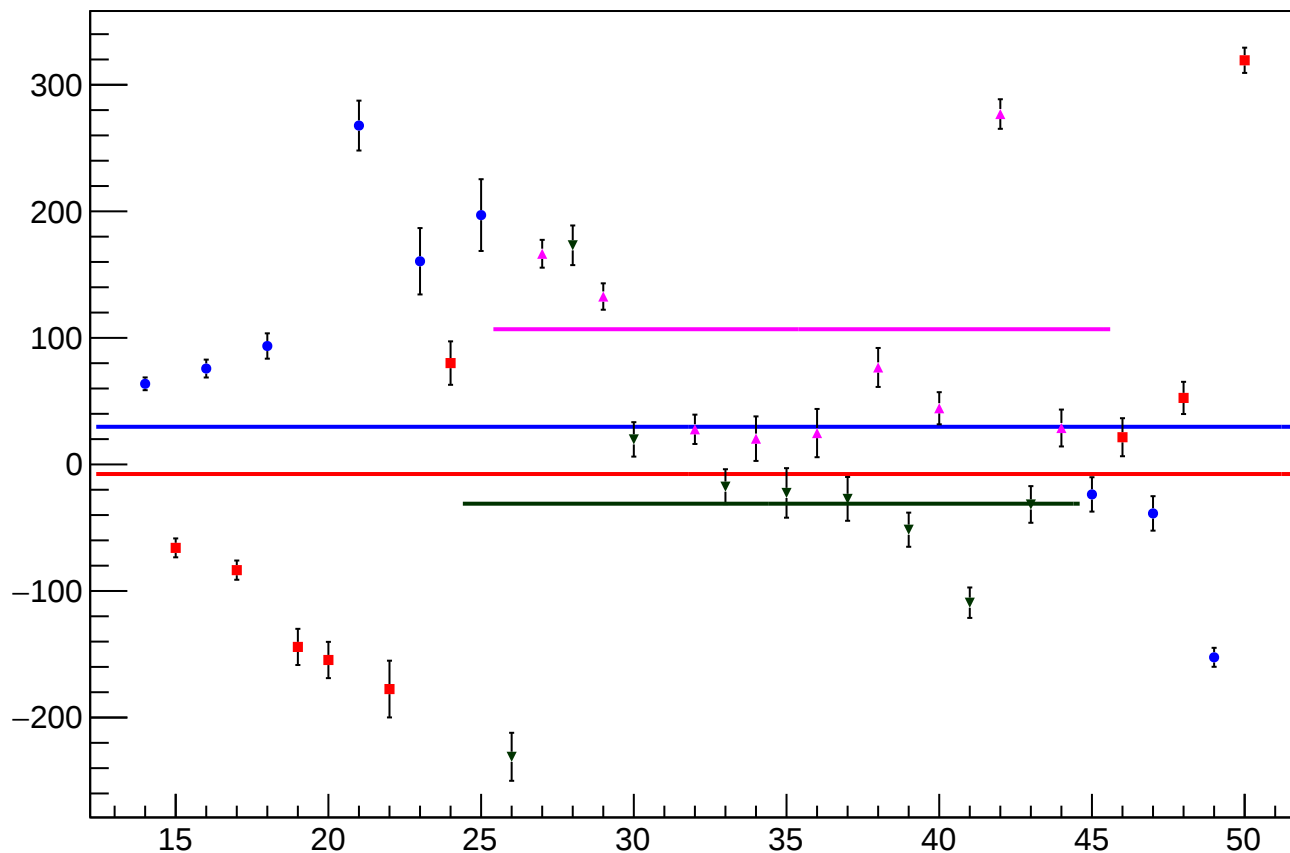
Left Out: -1016.038+/-0.663 χ^2/NDF : 9076.6/8

Right Out: 738.181+/-0.581 χ^2/NDF : 204693.7/8

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-20.929+/-0.287 χ^2/NDF : 9176659.3/35

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 29.750 ± 3.113 $\chi^2/\text{NDF}: 965.7/8$

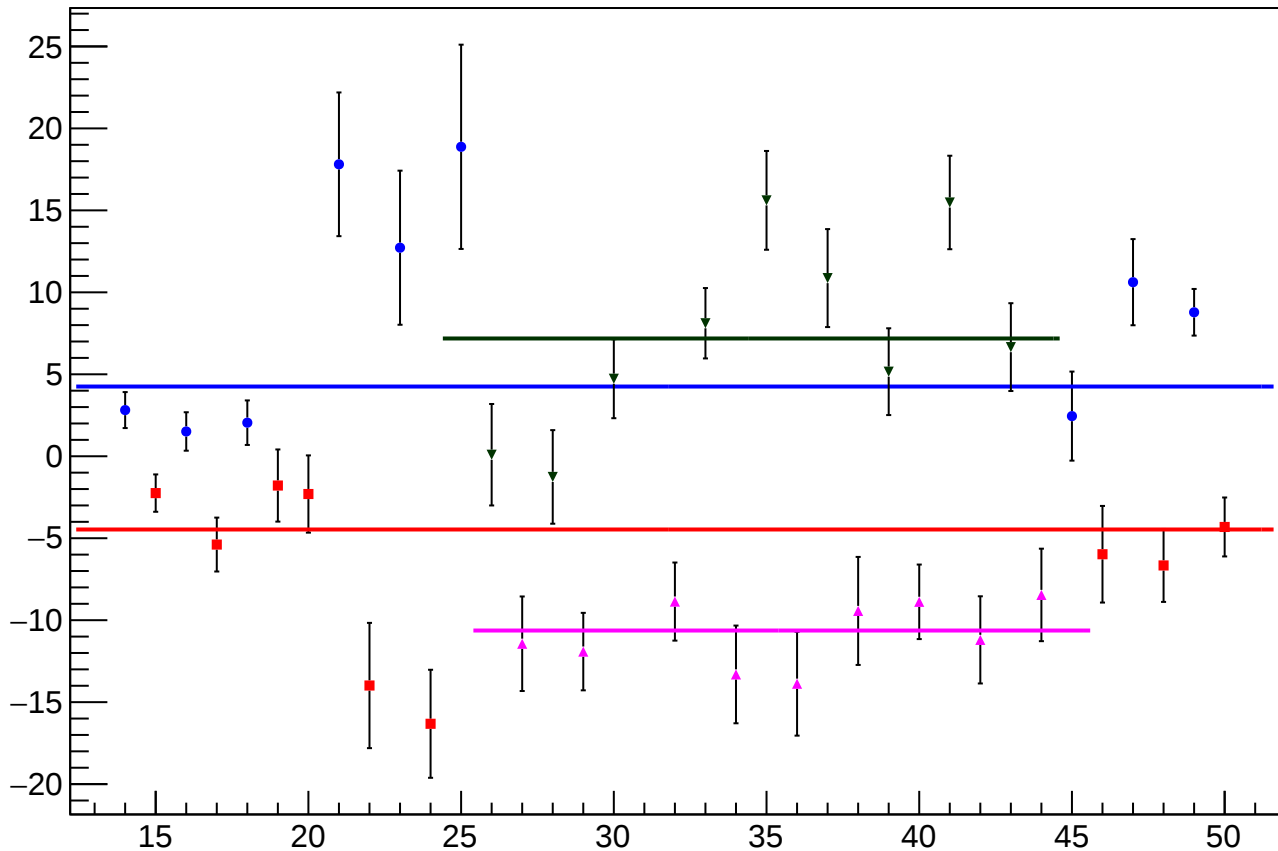
Left Out: -31.022 ± 4.960 $\chi^2/\text{NDF}: 340.9/8$

Right Out: -7.572 ± 3.752 $\chi^2/\text{NDF}: 1541.0/8$

Left In: 106.845 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

25.990 ± 1.931 $\chi^2/\text{NDF}: 3803.1/35$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 4.254 $\pm$ 0.578 χ^2 /NDF: 44.6/8

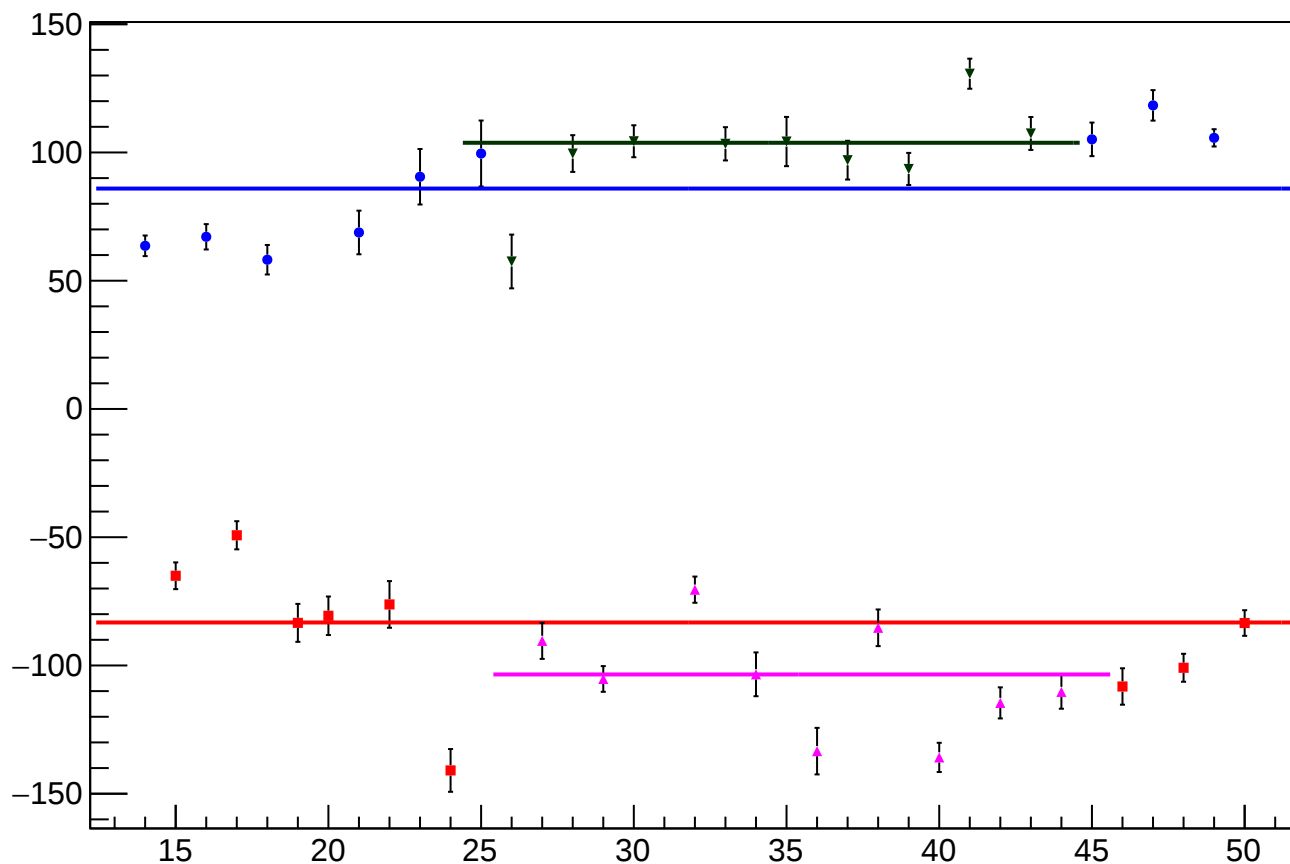
Left Out: 7.185 $\pm$ 0.897 χ^2 /NDF: 33.7/8

Right Out: -4.467 $\pm$ 0.657 χ^2 /NDF: 26.8/8

Left In: -10.630 $\pm$ 0.898 χ^2 /NDF: 4.1/8

-0.236 $\pm$ 0.358 χ^2 /NDF: 413.5/35

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 85.927 $\pm$ 1.822 χ^2 /NDF: 146.8/8

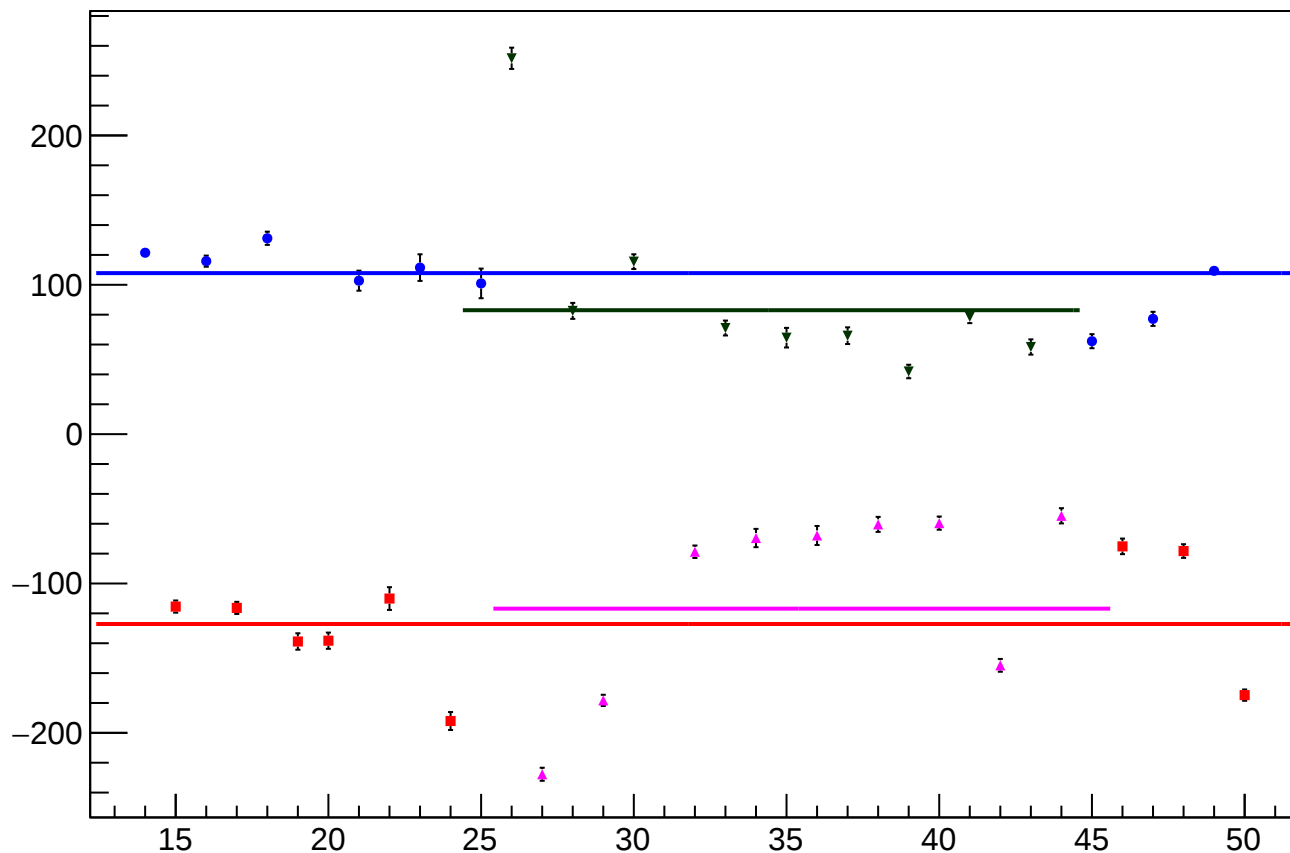
Left Out: 103.778 $\pm$ 2.323 χ^2 /NDF: 44.8/8

Right Out: -83.241 $\pm$ 2.103 χ^2 /NDF: 122.1/8

Left In: -103.505 $\pm$ 2.108 χ^2 /NDF: 99.4/8

3.214 $\pm$ 1.033 χ^2 /NDF: 8602.3/35

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 107.823 $\pm$ 1.414 χ^2 /NDF: 191.7/8

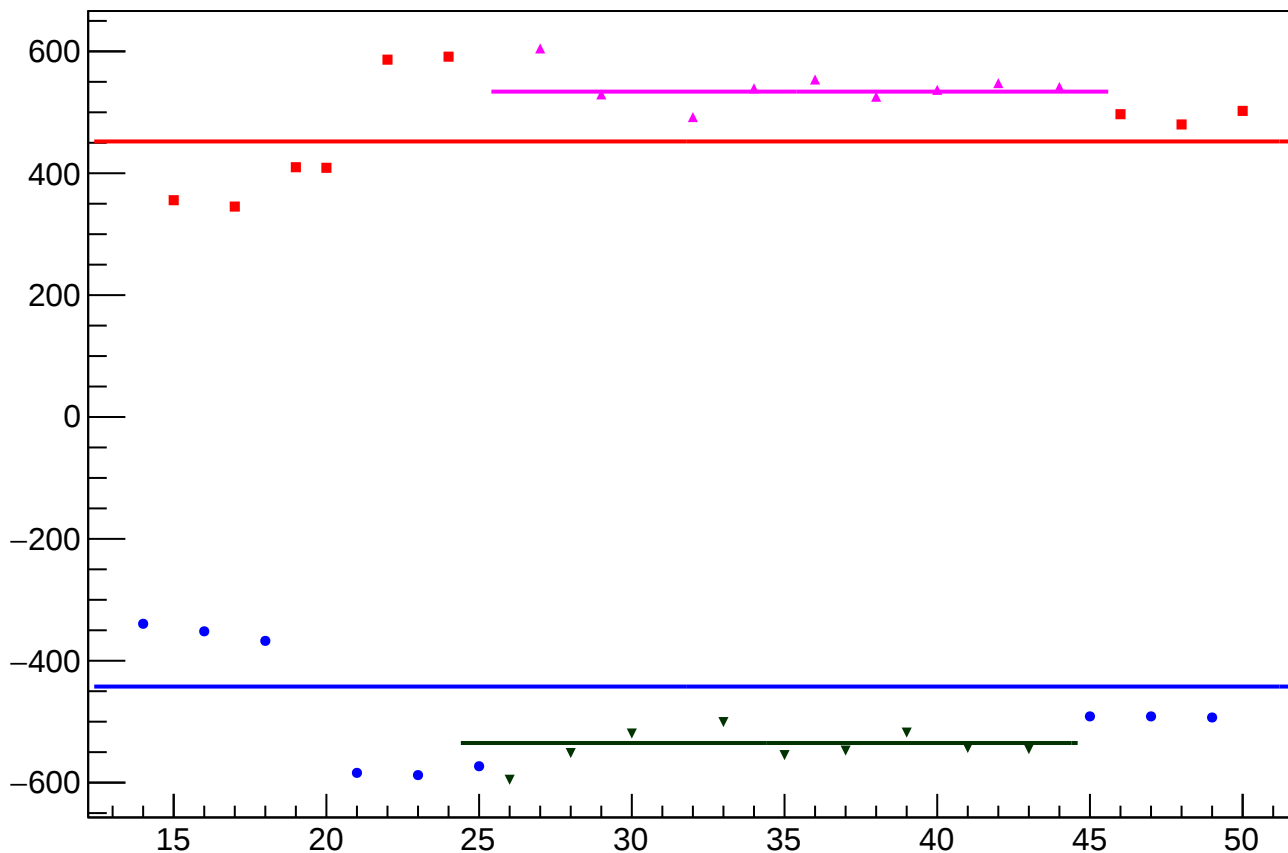
Left Out: 82.987 $\pm$ 1.731 χ^2 /NDF: 733.8/8

Right Out: -127.119 $\pm$ 1.608 χ^2 /NDF: 517.2/8

Left In: -116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

-9.769 $\pm$ 0.782 χ^2 /NDF: 22940.4/35

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -442.365+/-0.344 χ^2/NDF : 58982.0/8

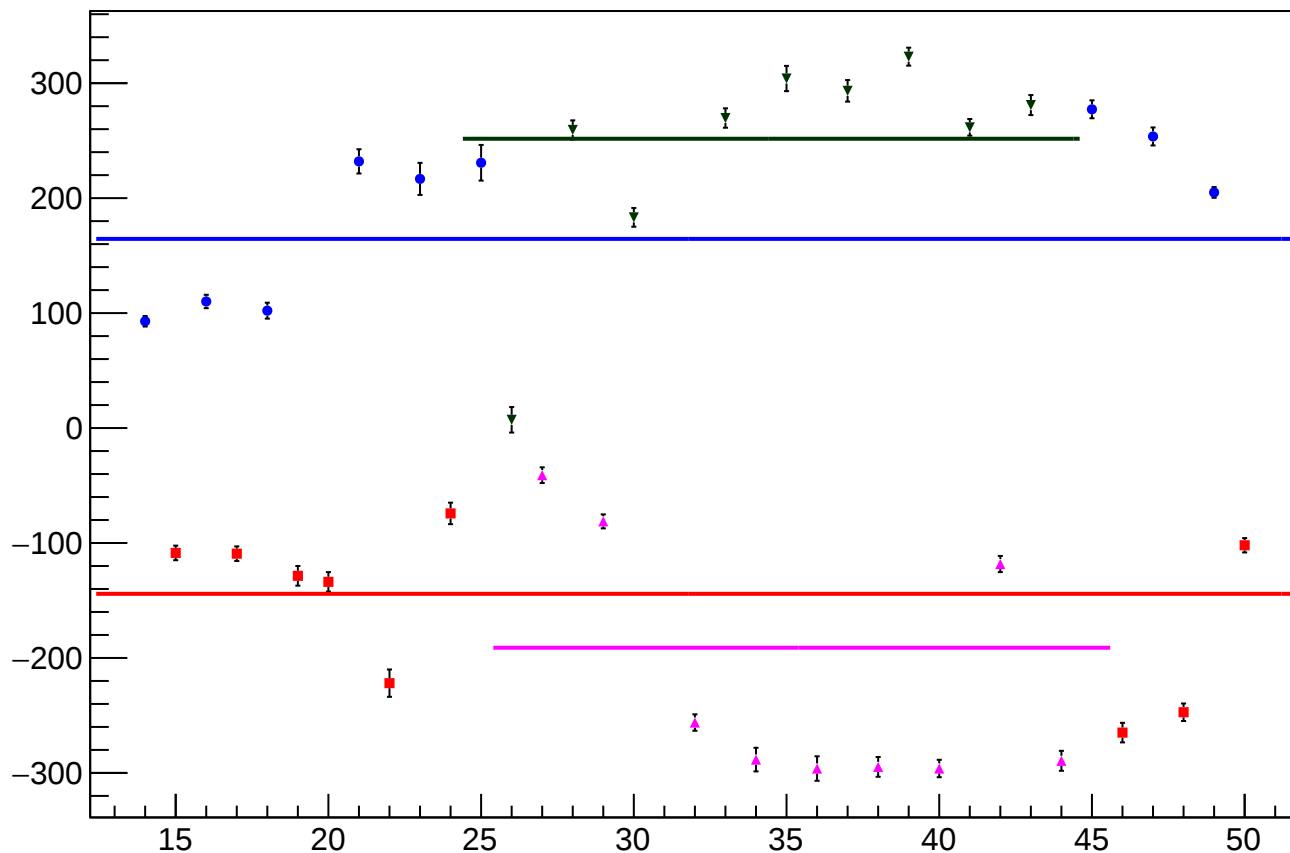
Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

Right Out: 452.180+/-0.390 χ^2/NDF : 40872.8/8

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-7.861+/-0.185 χ^2/NDF : 7199080.0/35

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 164.555 $\pm$ 2.264 χ^2 /NDF: 900.6/8

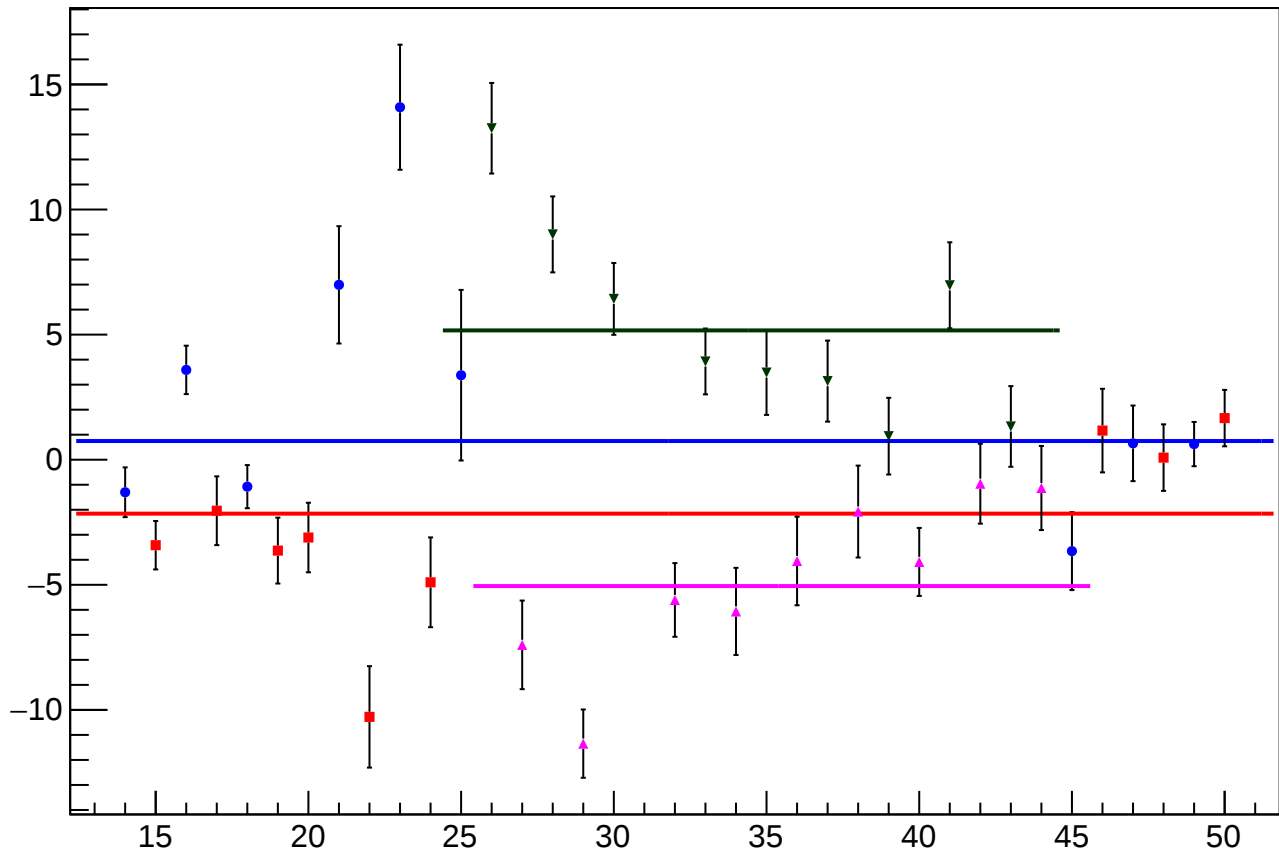
Left Out: 251.665 $\pm$ 2.888 χ^2 /NDF:700.3/8

Right Out: -144.210 $\pm$ 2.563 χ^2 /NDF: 594.2/8

Left In: -191.089 $\pm$ 2.577 χ^2 /NDF:1650.2/8

18.648 $\pm$ 1.272 χ^2 /NDF: 25169.8/35

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.747 ± 0.409 χ^2/NDF : 61.5/8

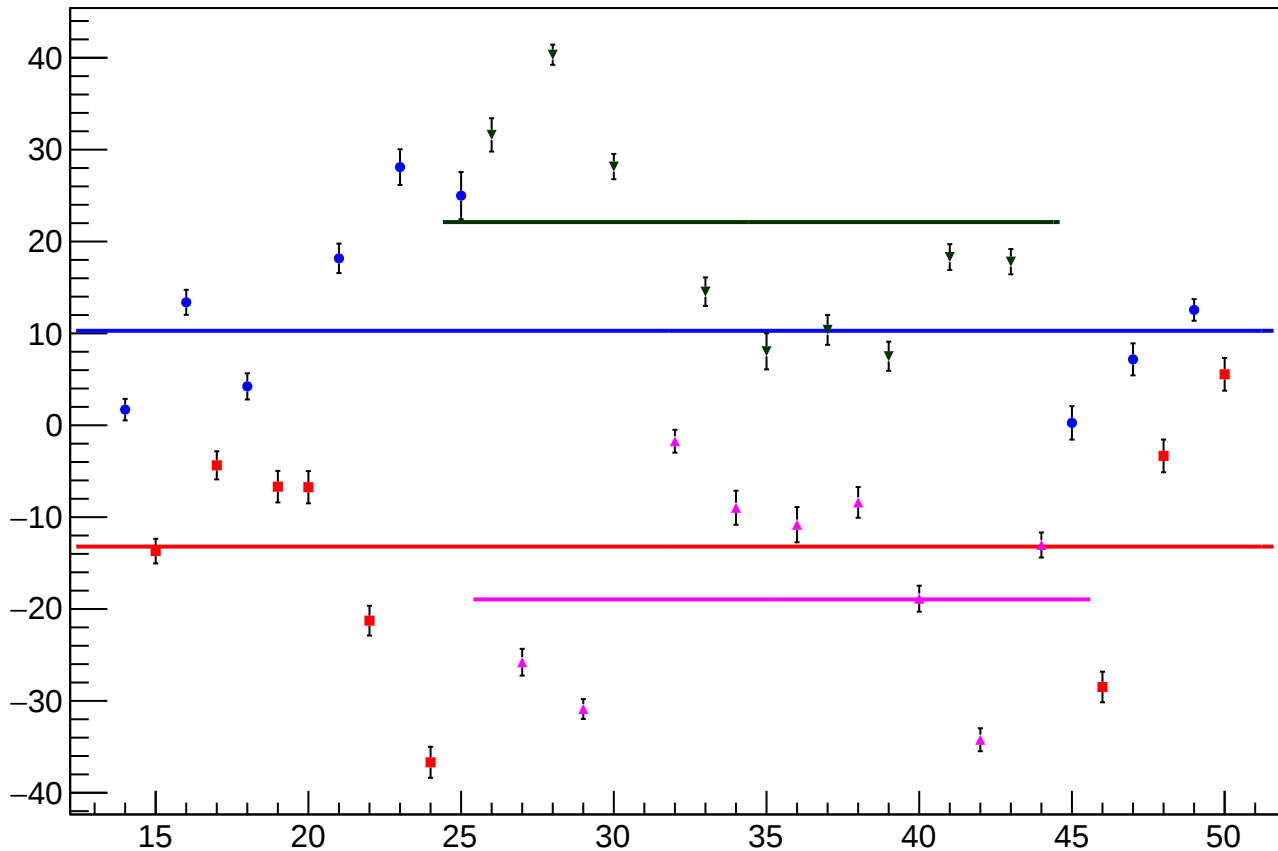
Left Out: 5.168 ± 0.521 χ^2/NDF : 44.9/8

Right Out: -2.155 ± 0.449 χ^2/NDF : 40.1/8

Left In: -5.051 ± 0.531 χ^2/NDF : 39.0/8

-0.281 ± 0.235 χ^2/NDF : 399.2/35

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 10.285 ± 0.505 χ^2/NDF : 255.1/8

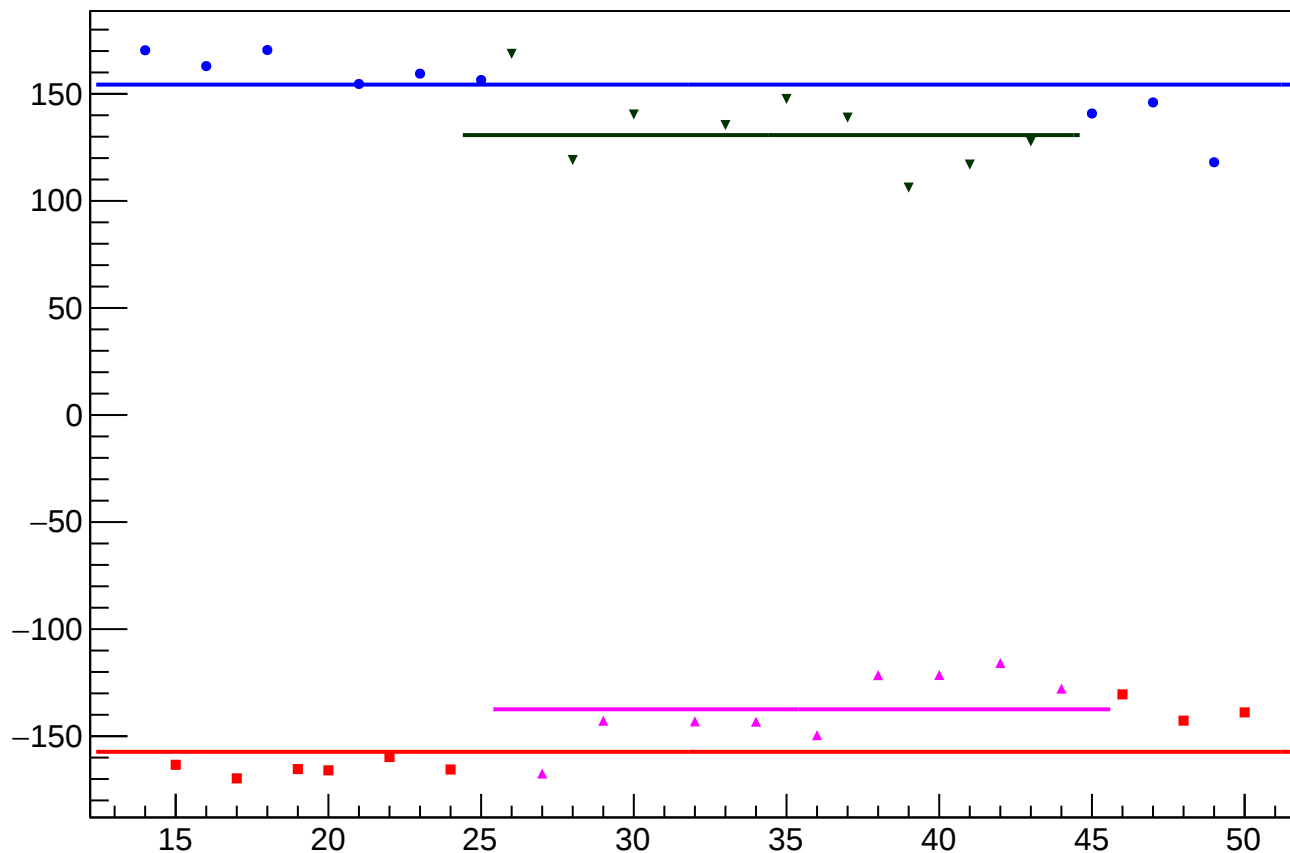
Left Out: 22.117 ± 0.491 χ^2/NDF : 551.8/8

Right Out: -13.202 ± 0.544 χ^2/NDF : 506.2/8

Left In: -18.949 ± 0.468 χ^2/NDF : 590.0/8

0.059 ± 0.250 χ^2/NDF : 6577.5/35

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 154.317 ± 0.393 $\chi^2/\text{NDF}: 2042.7/8$

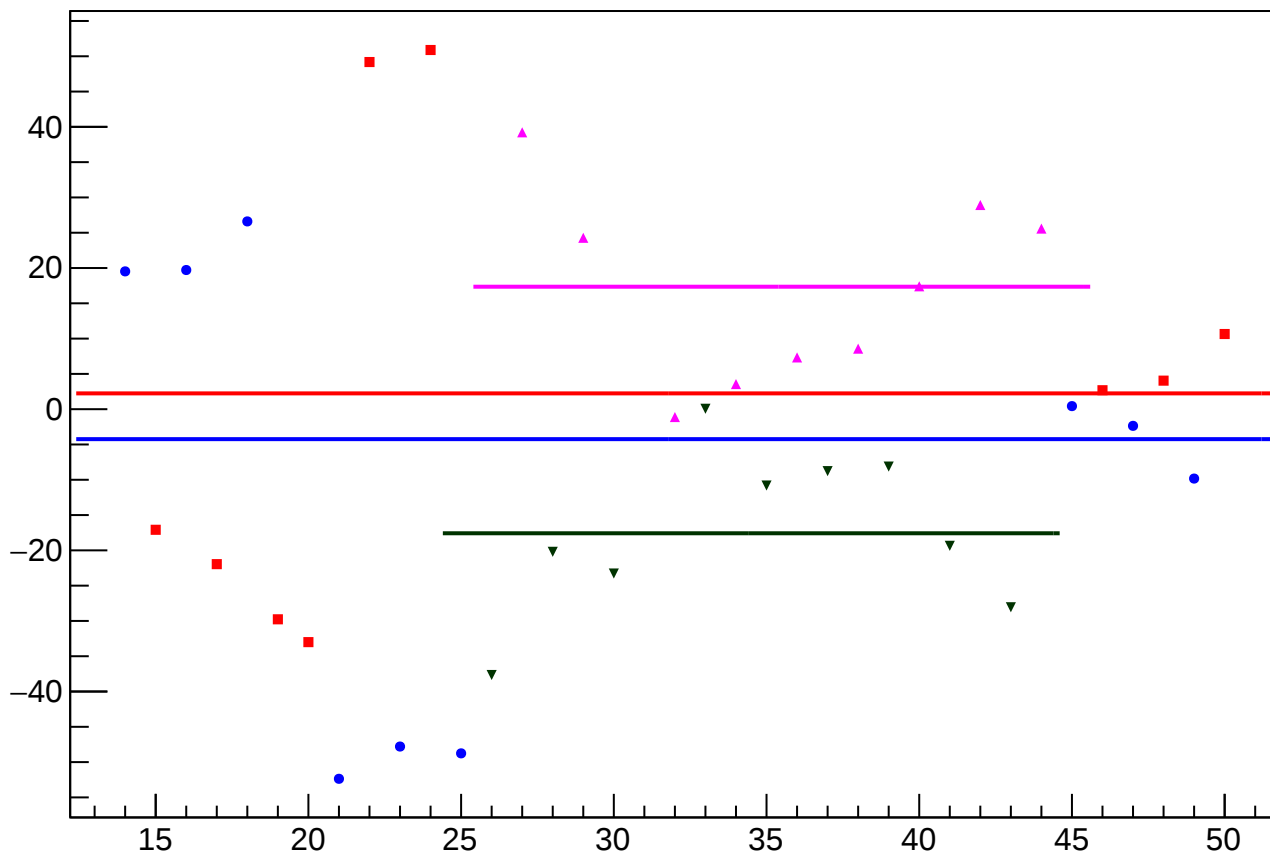
Left Out: 130.746 ± 0.370 $\chi^2/\text{NDF}: 2040.6/8$

Right Out: -157.290 ± 0.417 $\chi^2/\text{NDF}: 996.5/8$

Left In: -137.445 ± 0.345 $\chi^2/\text{NDF}: 2221.8/8$

-3.762 ± 0.189 $\chi^2/\text{NDF}: 585610.3/35$

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -4.244+/-0.094 χ^2/NDF : 87256.8/8

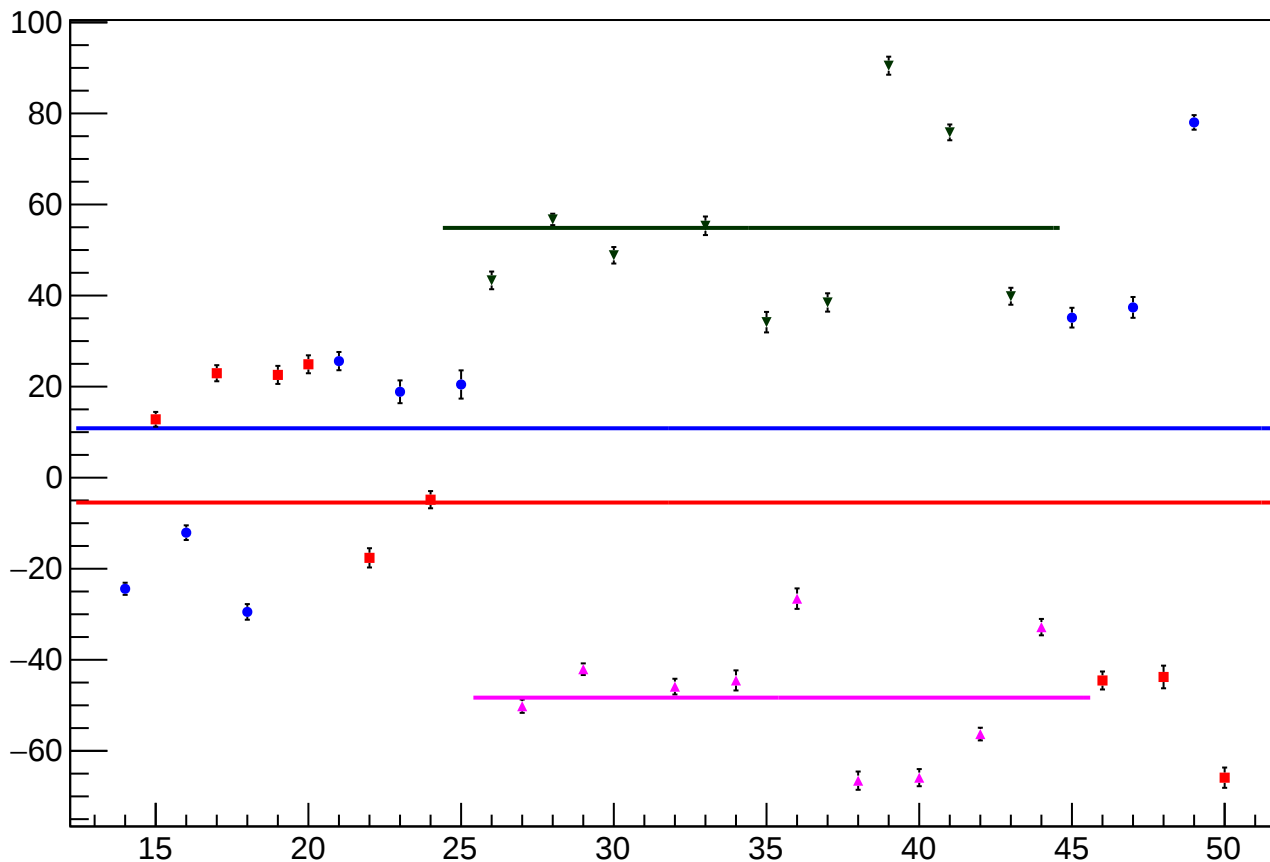
Left Out: -17.579+/-0.083 χ^2/NDF :15734.3/8

Right Out: 2.240+/-0.100 χ^2/NDF : 82575.9/8

Left In: 17.353+/-0.080 χ^2/NDF :25926.3/8

-0.276+/-0.044 χ^2/NDF : 306102.9/35

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 10.851 ± 0.621 $\chi^2/\text{NDF}: 3548.3/8$

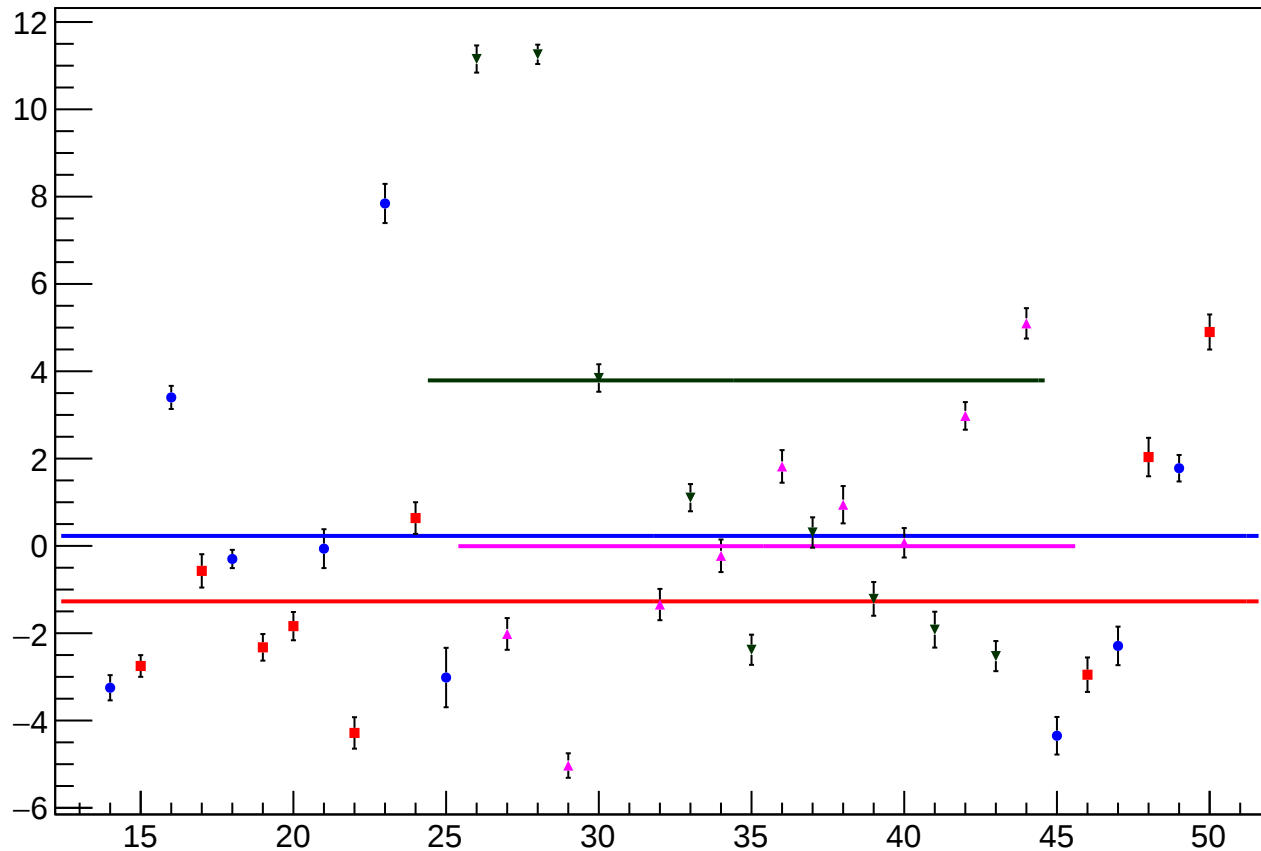
Left Out: 54.857 ± 0.602 $\chi^2/\text{NDF}: 733.3/8$

Right Out: -5.460 ± 0.655 $\chi^2/\text{NDF}: 2220.2/8$

Left In: -48.311 ± 0.562 $\chi^2/\text{NDF}: 400.4/8$

1.272 ± 0.303 $\chi^2/\text{NDF}: 22978.1/35$

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 0.229 ± 0.110 χ^2/NDF : 777.8/8

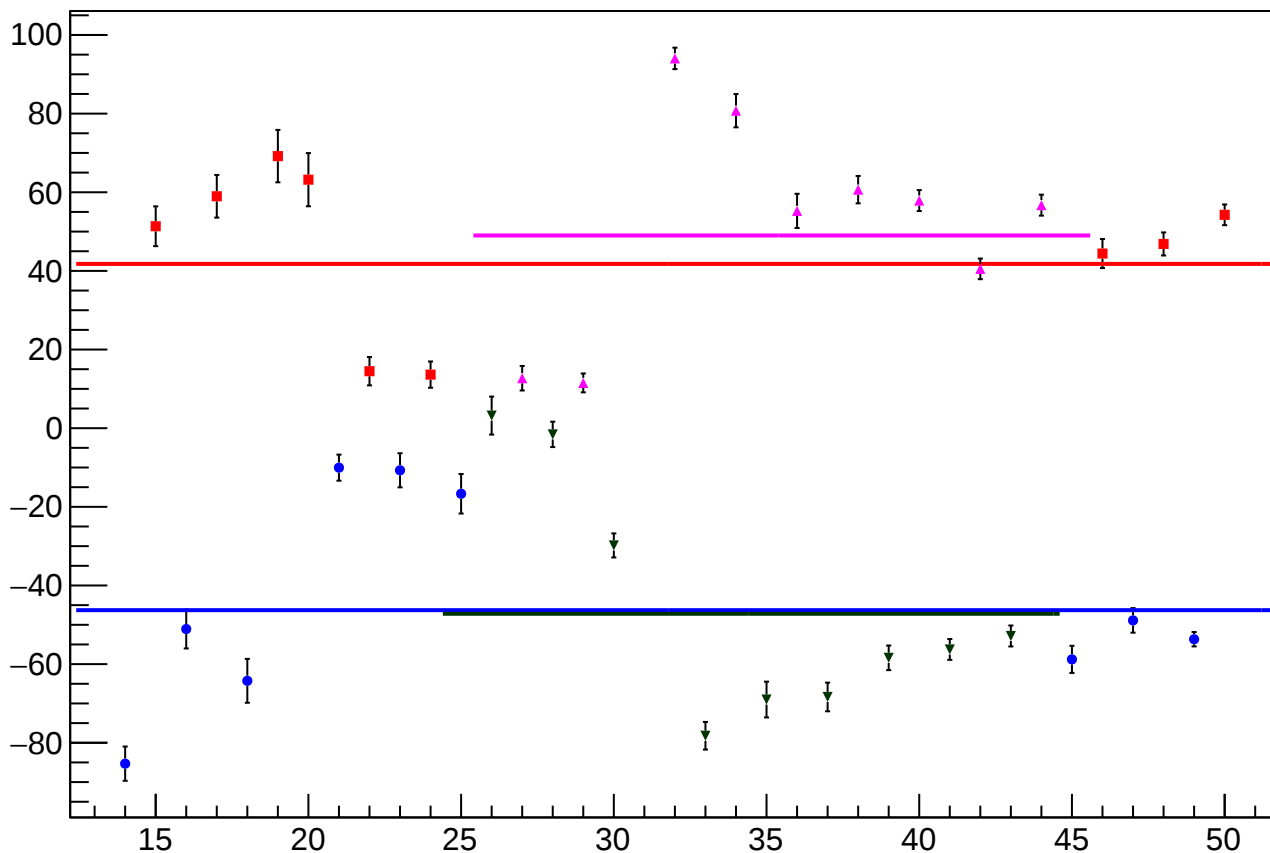
Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

Right Out: -1.271 ± 0.114 χ^2/NDF : 462.3/8

Left In: -0.006 ± 0.116 χ^2/NDF : 698.3/8

0.798 ± 0.056 χ^2/NDF : 6018.9/35

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -46.280 ± 1.122 χ^2/NDF : 343.0/8

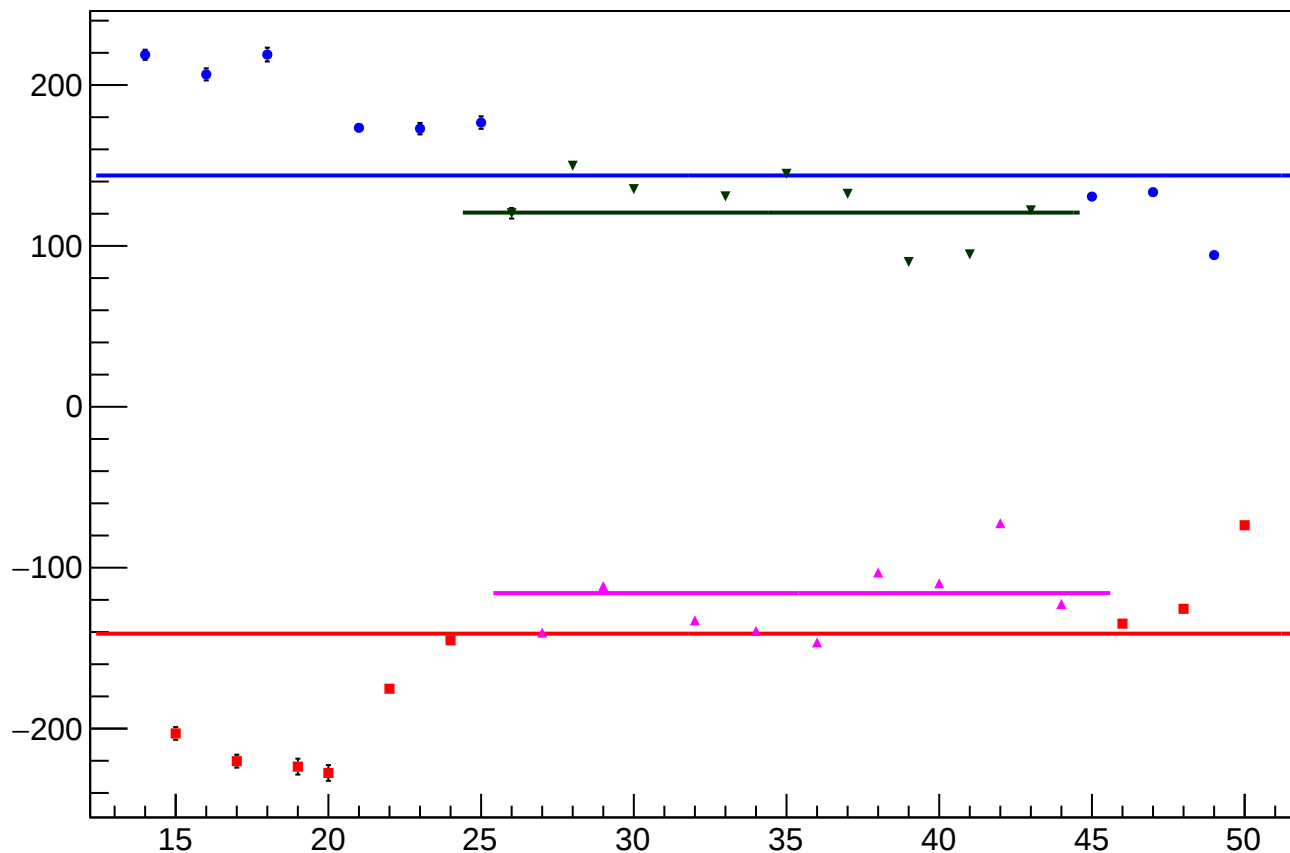
Left Out: -47.193 ± 1.094 χ^2/NDF : 504.1/8

Right Out: 41.784 ± 1.273 χ^2/NDF : 194.8/8

Left In: 49.009 ± 0.986 χ^2/NDF : 751.0/8

0.000 ± 0.553 χ^2/NDF : 8903.1/35

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 143.775 $\pm$ 0.890 χ^2 /NDF: 2498.1/8

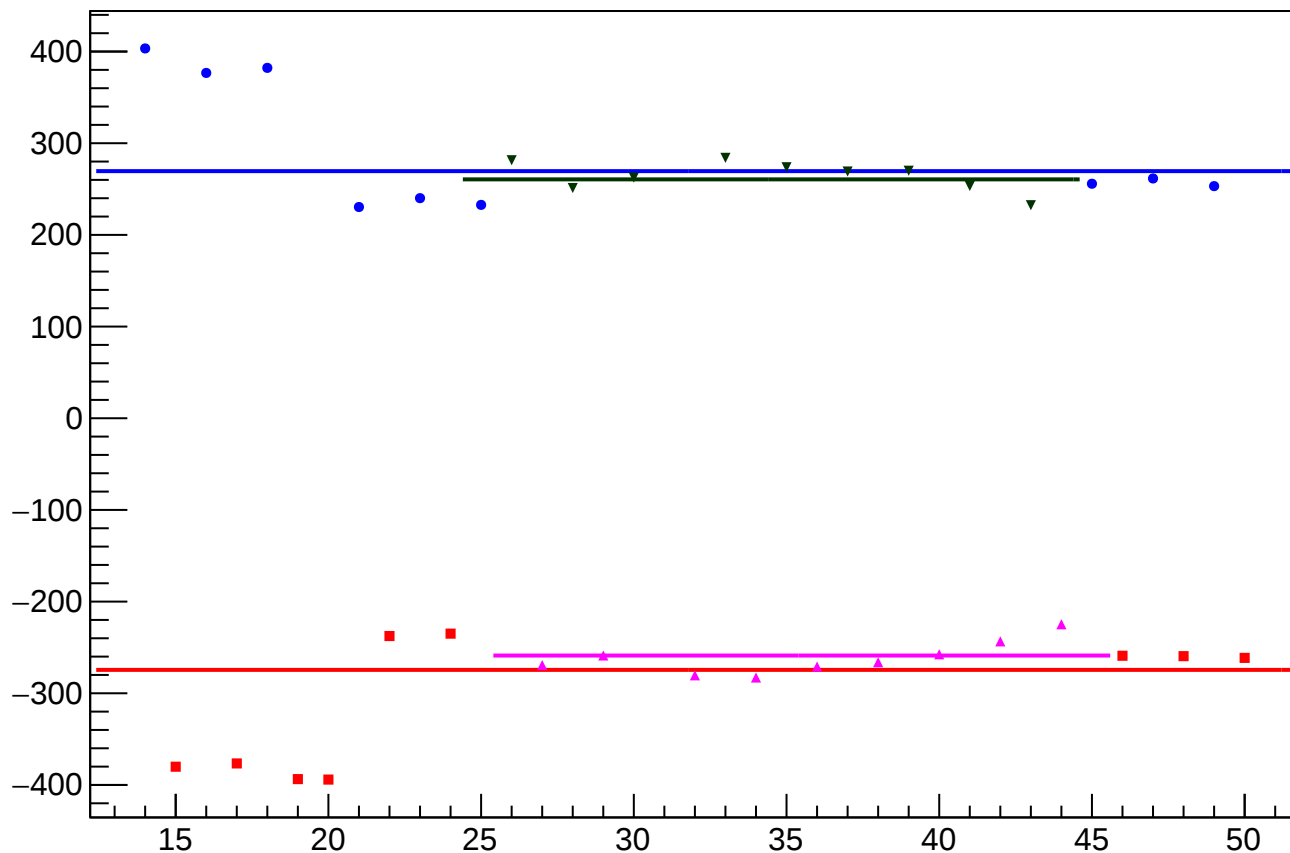
Left Out: 120.704 $\pm$ 0.817 χ^2 /NDF: 639.7/8

Right Out: -140.999 $\pm$ 0.979 χ^2 /NDF: 2544.4/8

Left In: -115.783 $\pm$ 0.721 χ^2 /NDF: 983.2/8

-1.227 $\pm$ 0.418 χ^2 /NDF: 101095.5/35

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 269.561 ± 0.207 χ^2/NDF : 58736.3/8

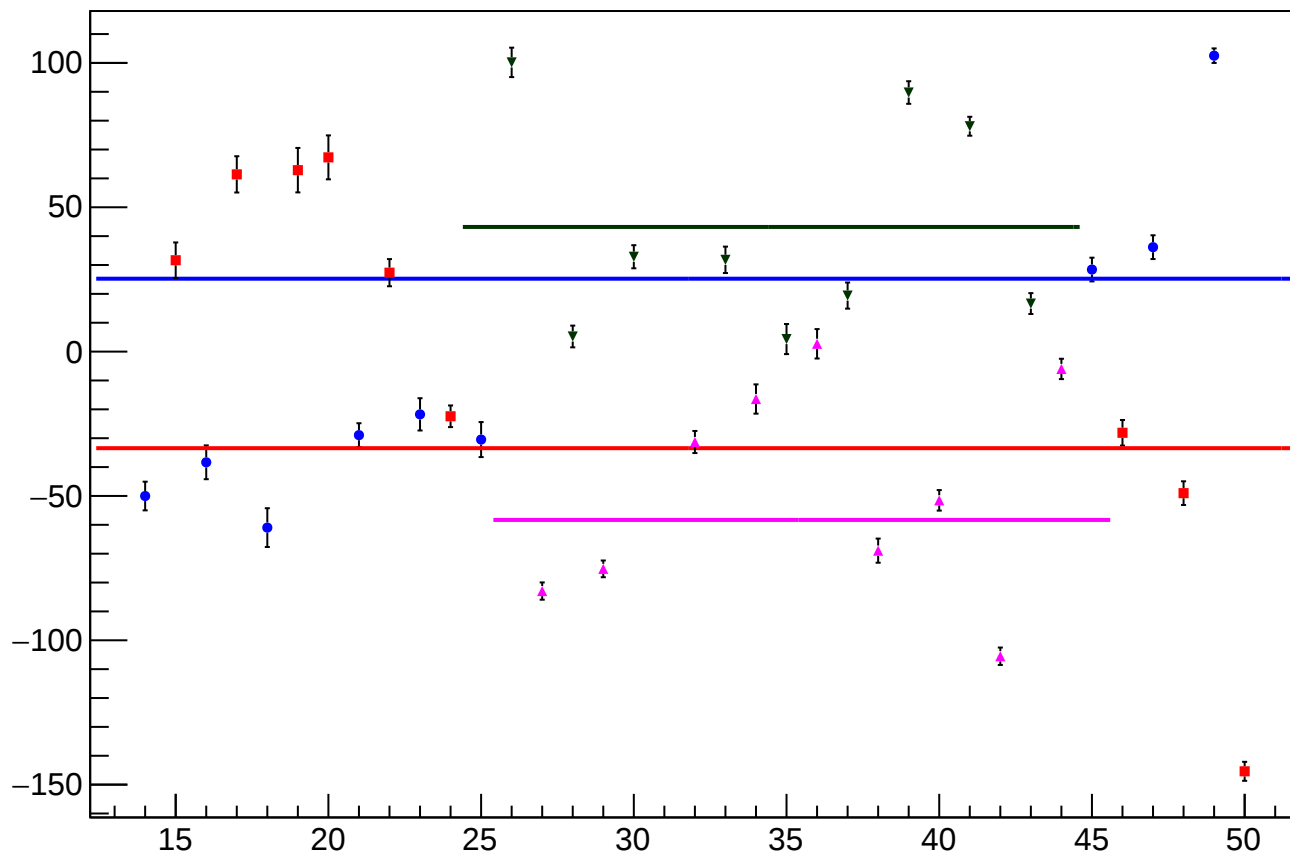
Left Out: 260.566 ± 0.183 χ^2/NDF : 7890.4/8

Right Out: -274.475 ± 0.231 χ^2/NDF : 47138.2/8

Left In: -258.829 ± 0.170 χ^2/NDF : 11543.7/8

-0.749 ± 0.097 χ^2/NDF : 7562351.8/35

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 25.254+/-1.435 χ^2 /NDF: 1788.9/8

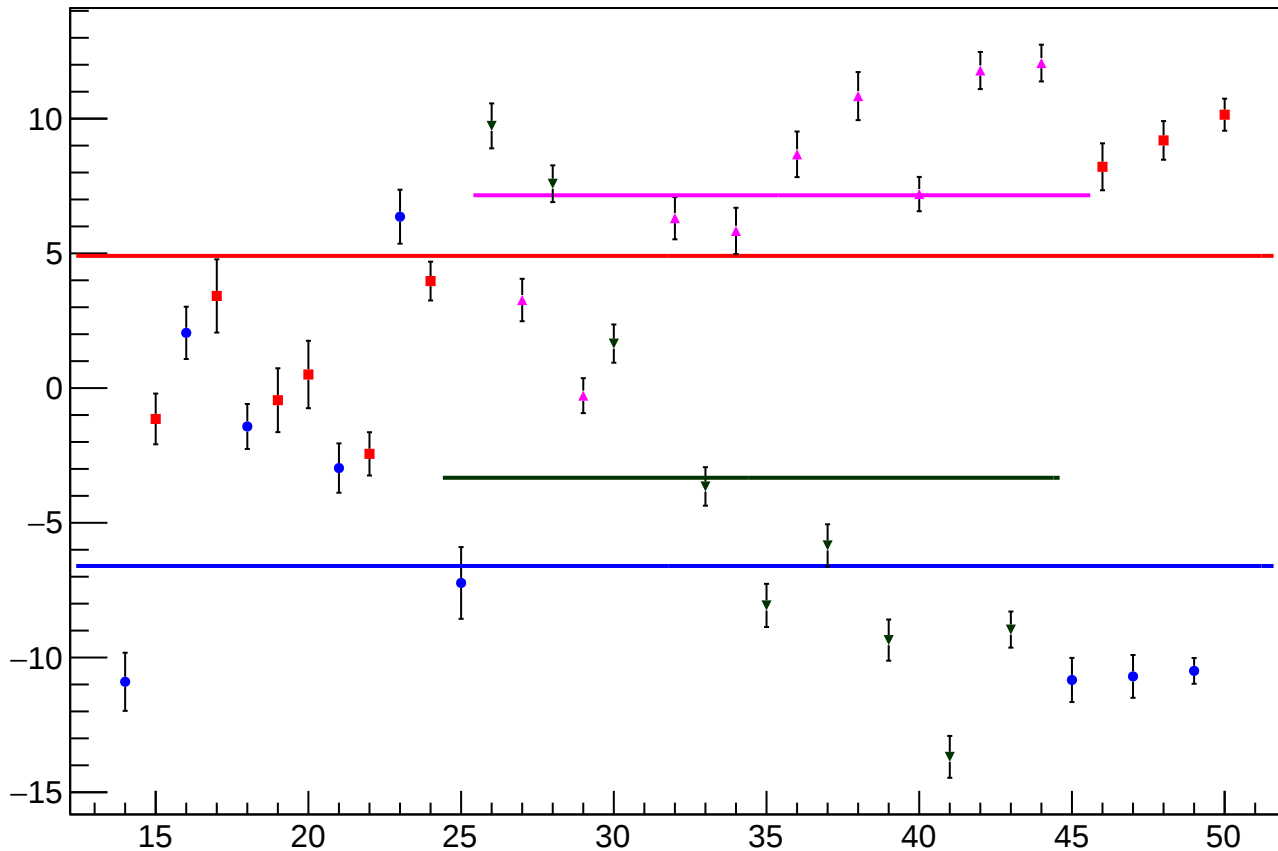
Left Out: 43.180+/-1.361 χ^2 /NDF: 631.7/8

Right Out: -33.453+/-1.572 χ^2 /NDF: 2021.7/8

Left In: -58.309+/-1.192 χ^2 /NDF: 839.2/8

-8.894+/-0.685 χ^2 /NDF: 9274.2/35

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -6.602 ± 0.272 $\chi^2/\text{NDF}: 436.9/8$

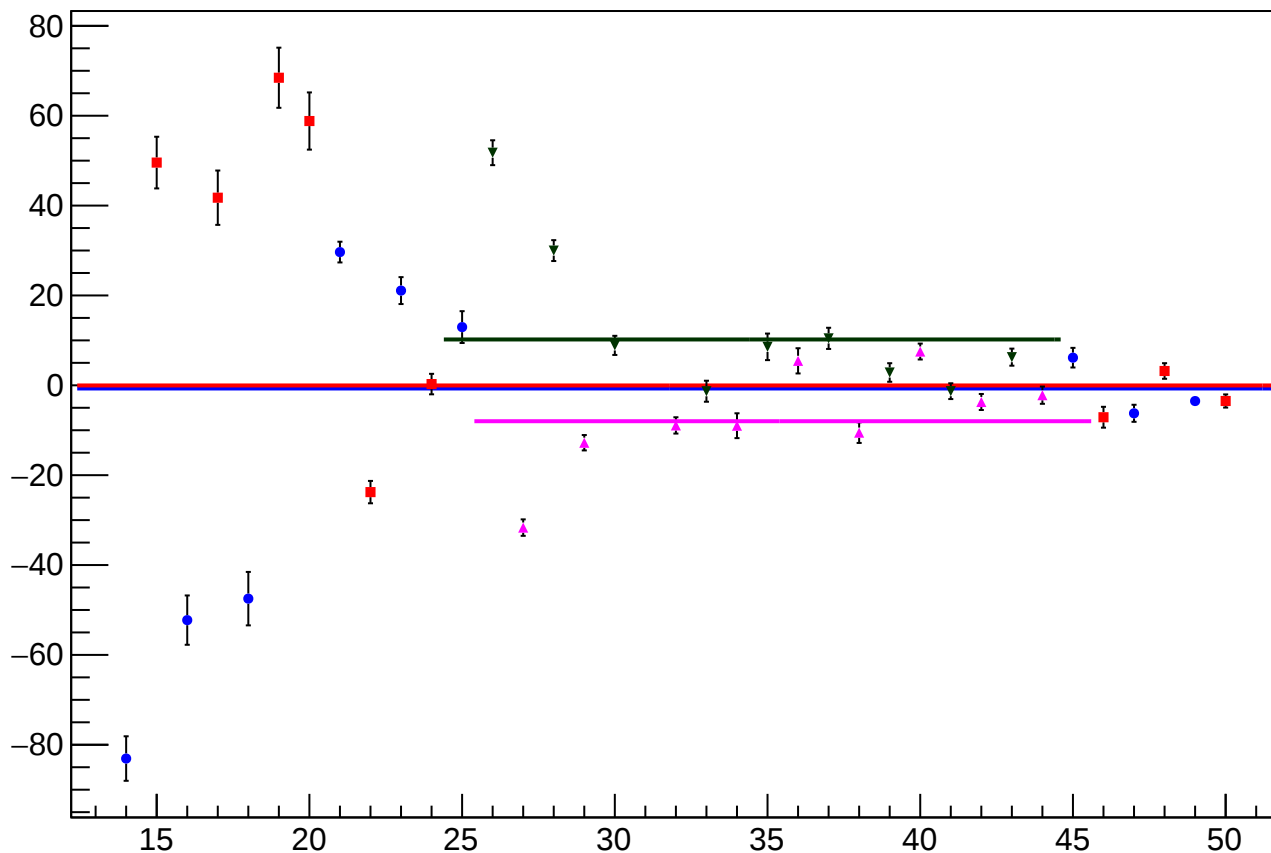
Left Out: -3.328 ± 0.248 $\chi^2/\text{NDF}: 906.6/8$

Right Out: 4.907 ± 0.282 $\chi^2/\text{NDF}: 288.3/8$

Left In: 7.157 ± 0.247 $\chi^2/\text{NDF}: 276.6/8$

0.594 ± 0.130 $\chi^2/\text{NDF}: 3800.1/35$

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.704 ± 0.717 χ^2/NDF : 693.3/8

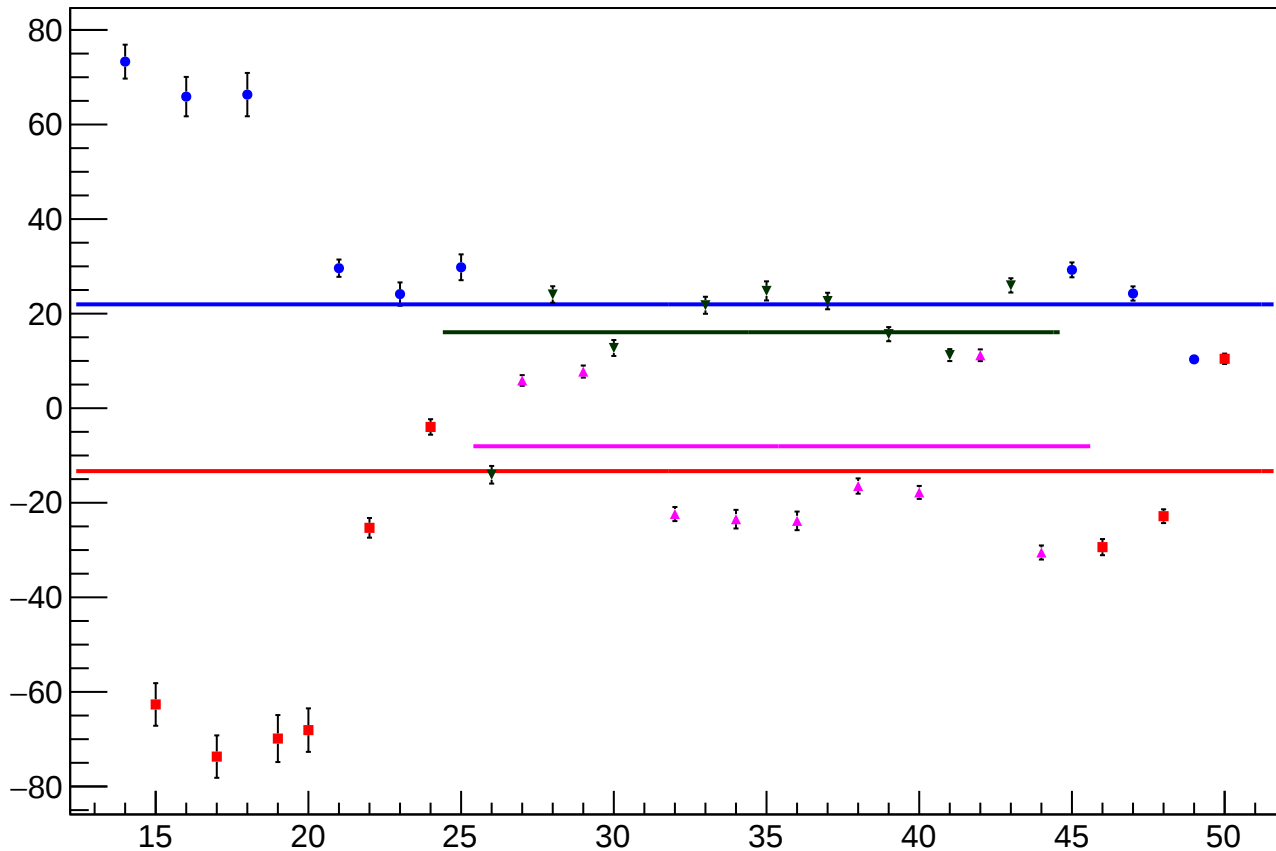
Left Out: 10.204 ± 0.735 χ^2/NDF : 382.8/8

Right Out: -0.033 ± 0.833 χ^2/NDF : 421.6/8

Left In: -7.990 ± 0.660 χ^2/NDF : 291.3/8

-0.119 ± 0.364 χ^2/NDF : 2129.1/35

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 21.965+/-0.575 χ^2/NDF : 649.2/8

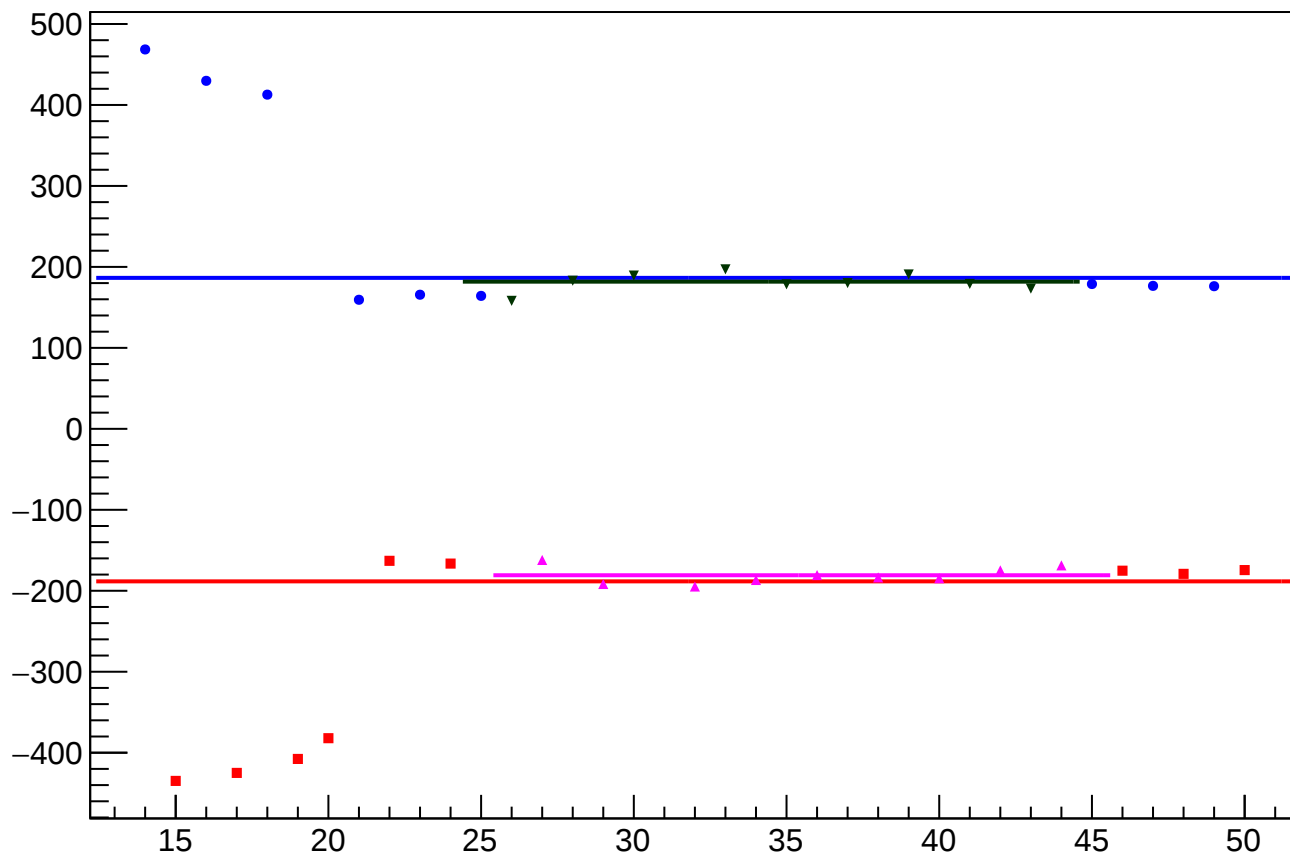
Left Out: 16.069+/-0.546 χ^2/NDF : 386.1/8

4.011+/-0.275 χ^2/NDF : 6164.5/35

Right Out: -13.303+/-0.642 χ^2/NDF : 1234.6/8

Left In: -8.048+/-0.478 χ^2/NDF : 1067.9/8

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 186.462+/-0.134 χ^2/NDF : 188308.6/8

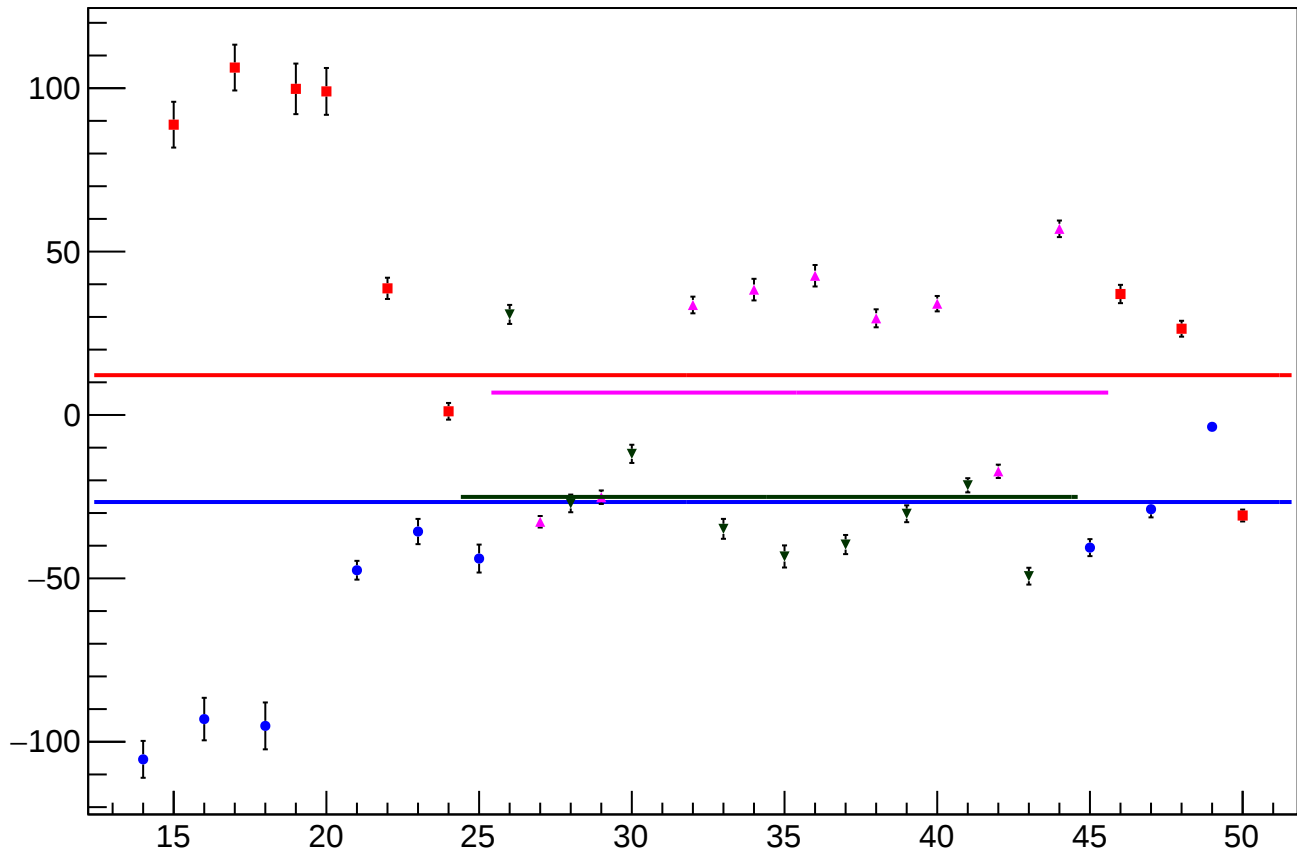
Left Out: 181.782+/-0.123 χ^2/NDF : 6553.1/8

Right Out: -188.385+/-0.151 χ^2/NDF : 153156.6/8

Left In: -180.835+/-0.114 χ^2/NDF : 8962.0/8

0.614+/-0.064 χ^2/NDF : 8591253.4/35

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -26.634 ± 0.936 χ^2/NDF : 767.4/8

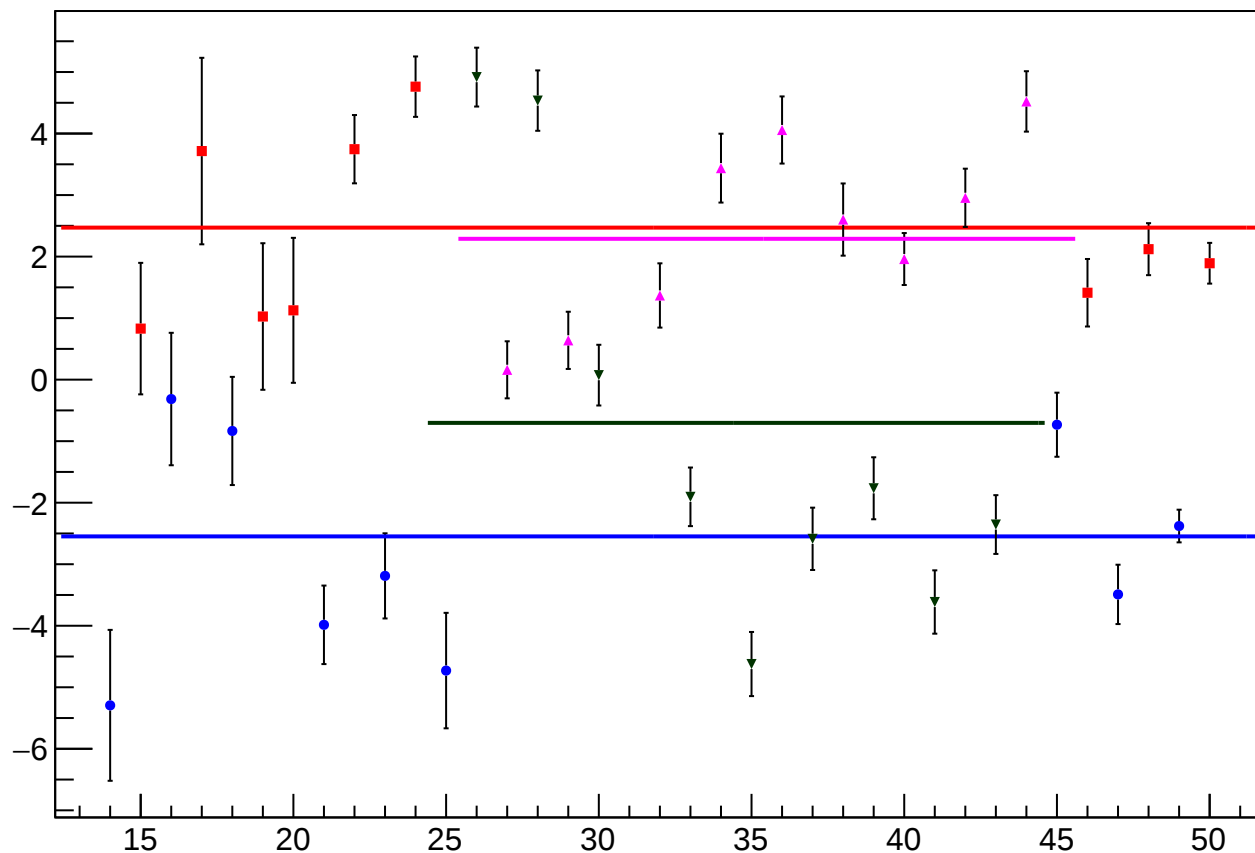
Left Out: -25.070 ± 0.909 χ^2/NDF : 550.5/8

Right Out: 12.182 ± 1.040 χ^2/NDF : 1332.5/8

Left In: 6.850 ± 0.790 χ^2/NDF : 1794.2/8

-7.890 ± 0.453 χ^2/NDF : 5922.8/35

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.548 ± 0.181 $\chi^2/\text{NDF}: 40.8/8$

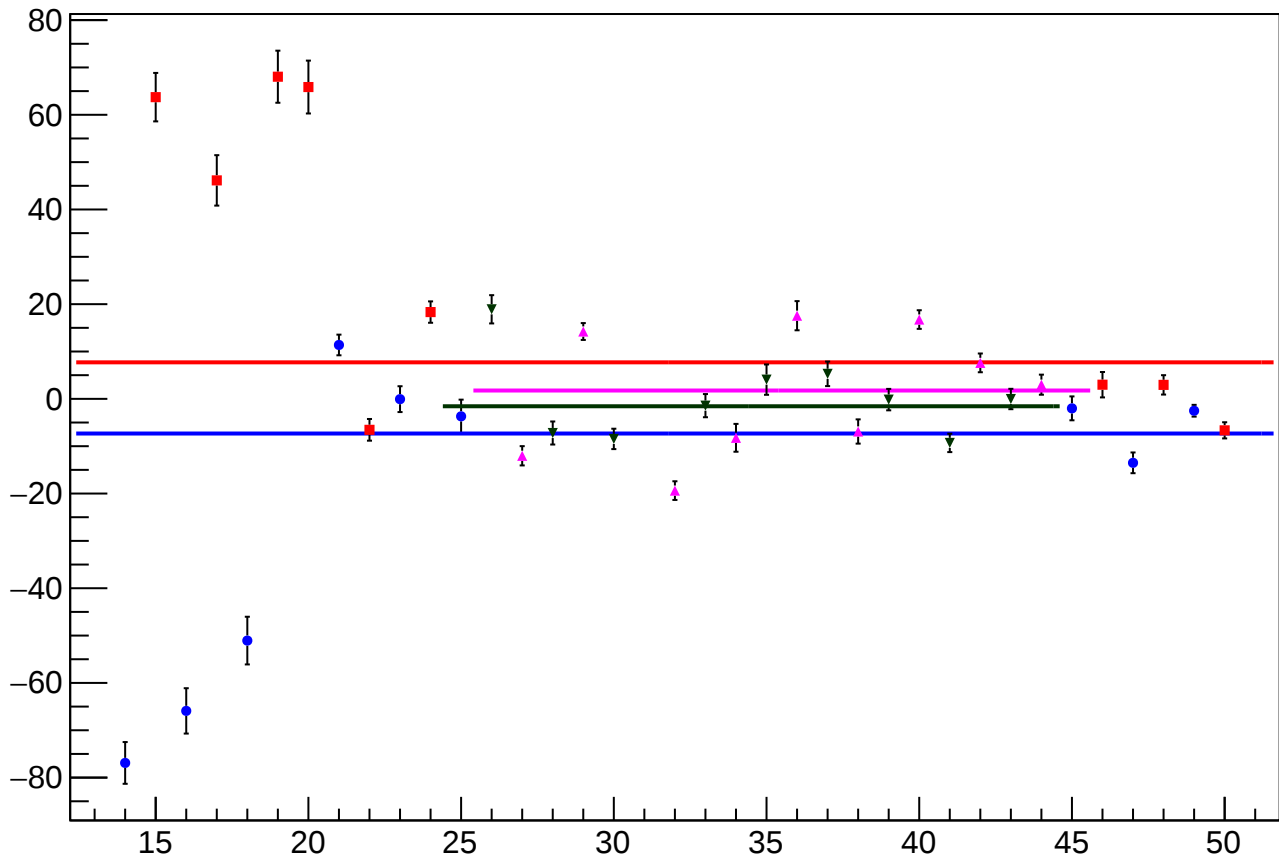
Left Out: -0.703 ± 0.165 $\chi^2/\text{NDF}: 379.5/8$

Right Out: 2.471 ± 0.188 $\chi^2/\text{NDF}: 40.3/8$

Left In: 2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

0.374 ± 0.087 $\chi^2/\text{NDF}: 1098.3/35$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -7.322 ± 0.797 $\chi^2/\text{NDF}: 583.2/8$

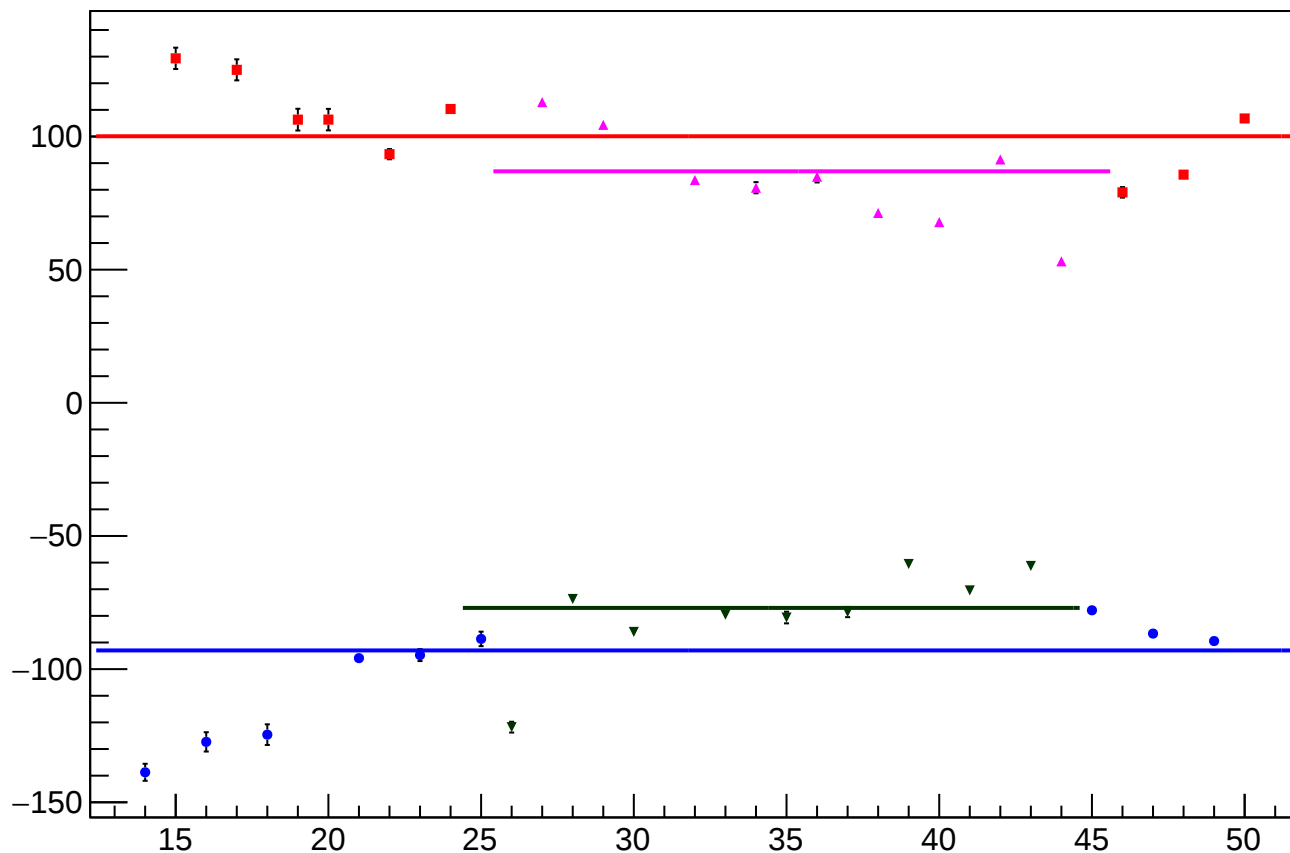
Left Out: -1.565 ± 0.794 $\chi^2/\text{NDF}: 89.6/8$

Right Out: 7.713 ± 0.896 $\chi^2/\text{NDF}: 540.6/8$

Left In: 1.762 ± 0.721 $\chi^2/\text{NDF}: 326.0/8$

-0.158 ± 0.398 $\chi^2/\text{NDF}: 1707.5/35$

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -92.981 ± 0.637 $\chi^2/\text{NDF}: 460.6/8$

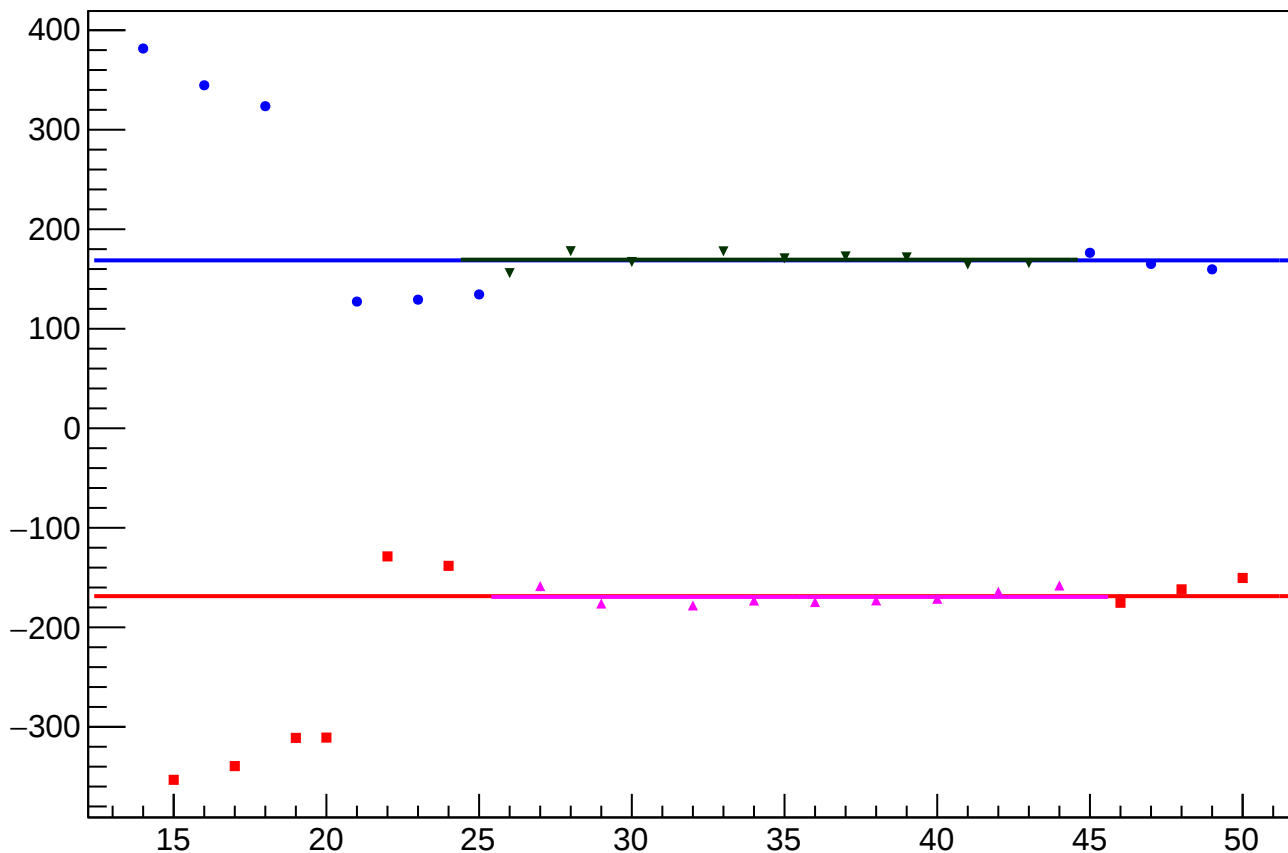
Left Out: -77.011 ± 0.590 $\chi^2/\text{NDF}: 732.4/8$

Right Out: 100.090 ± 0.690 $\chi^2/\text{NDF}: 360.8/8$

Left In: 86.926 ± 0.524 $\chi^2/\text{NDF}: 1272.9/8$

6.839 ± 0.300 $\chi^2/\text{NDF}: 89168.6/35$

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 168.720 ± 0.147 χ^2/NDF : 146517.1/8

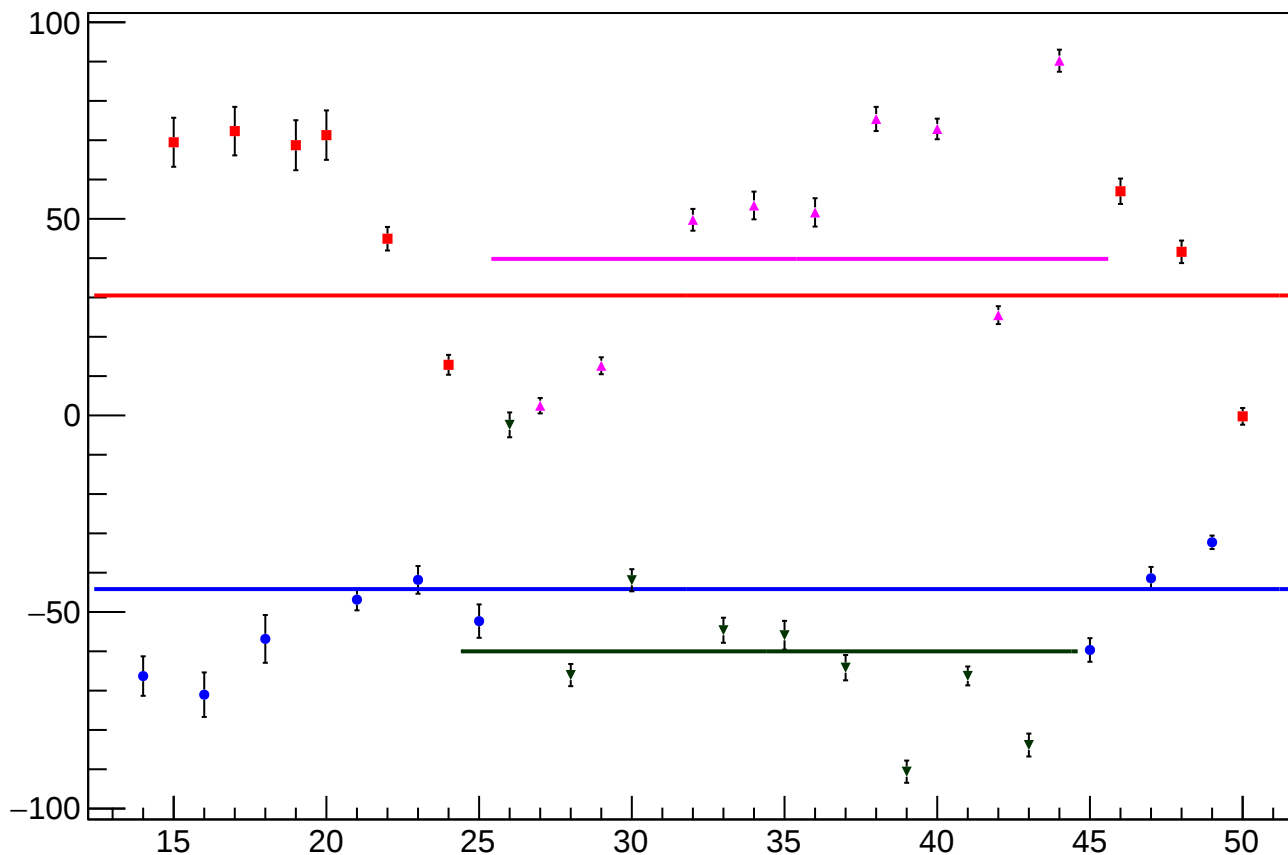
Left Out: 169.432 ± 0.133 χ^2/NDF : 2111.0/8

Right Out: -168.667 ± 0.162 χ^2/NDF : 115549.1/8

Left In: -169.441 ± 0.124 χ^2/NDF : 3580.2/8

0.083 ± 0.070 χ^2/NDF : 6154863.8/35

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -44.174 $\pm$ 1.030 χ^2/NDF : 127.2/8

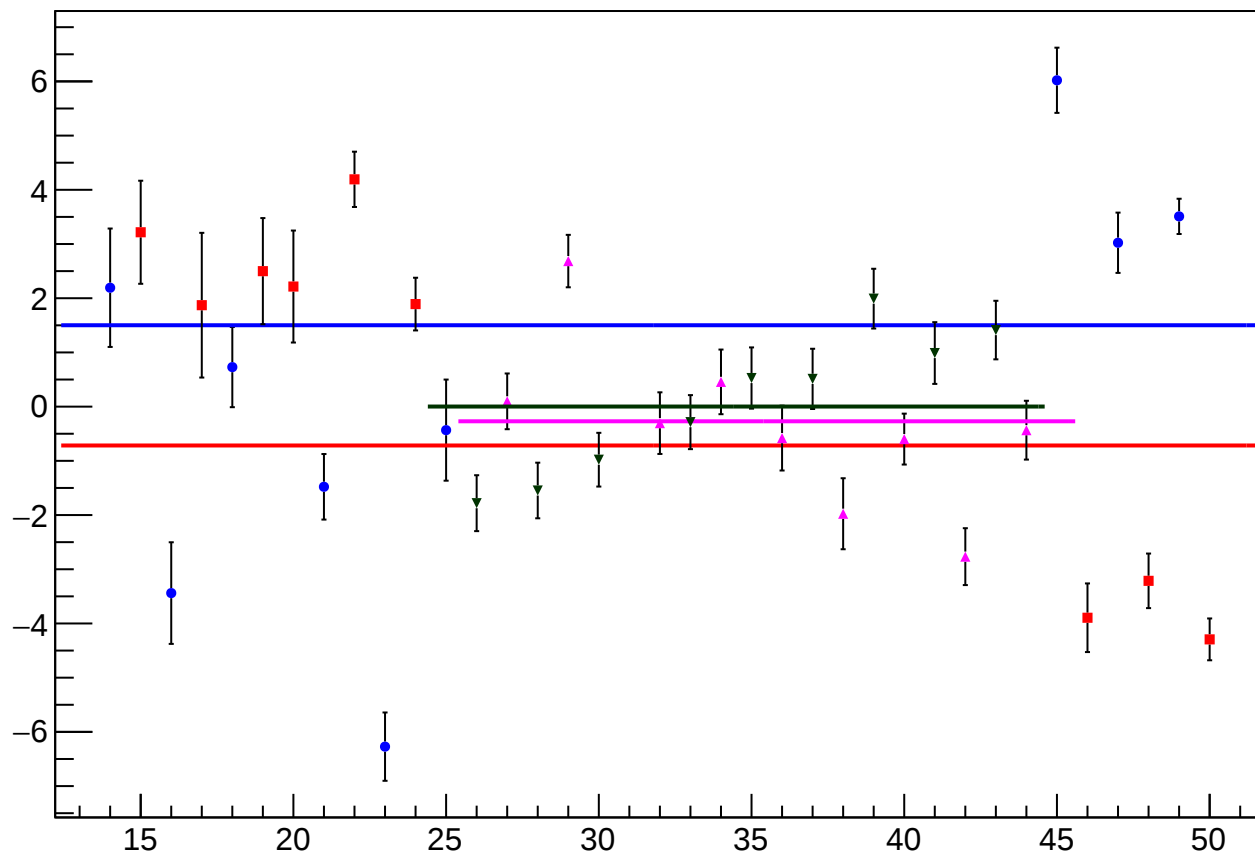
Left Out: -60.008 $\pm$ 0.982 χ^2/NDF : 574.8/8

Right Out: 30.511 $\pm$ 1.111 χ^2/NDF : 527.2/8

Left In: 39.813 $\pm$ 0.866 χ^2/NDF : 1214.8/8

-6.320 $\pm$ 0.492 χ^2/NDF : 10722.2/35

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 1.502 ± 0.197 χ^2/NDF : 312.1/8

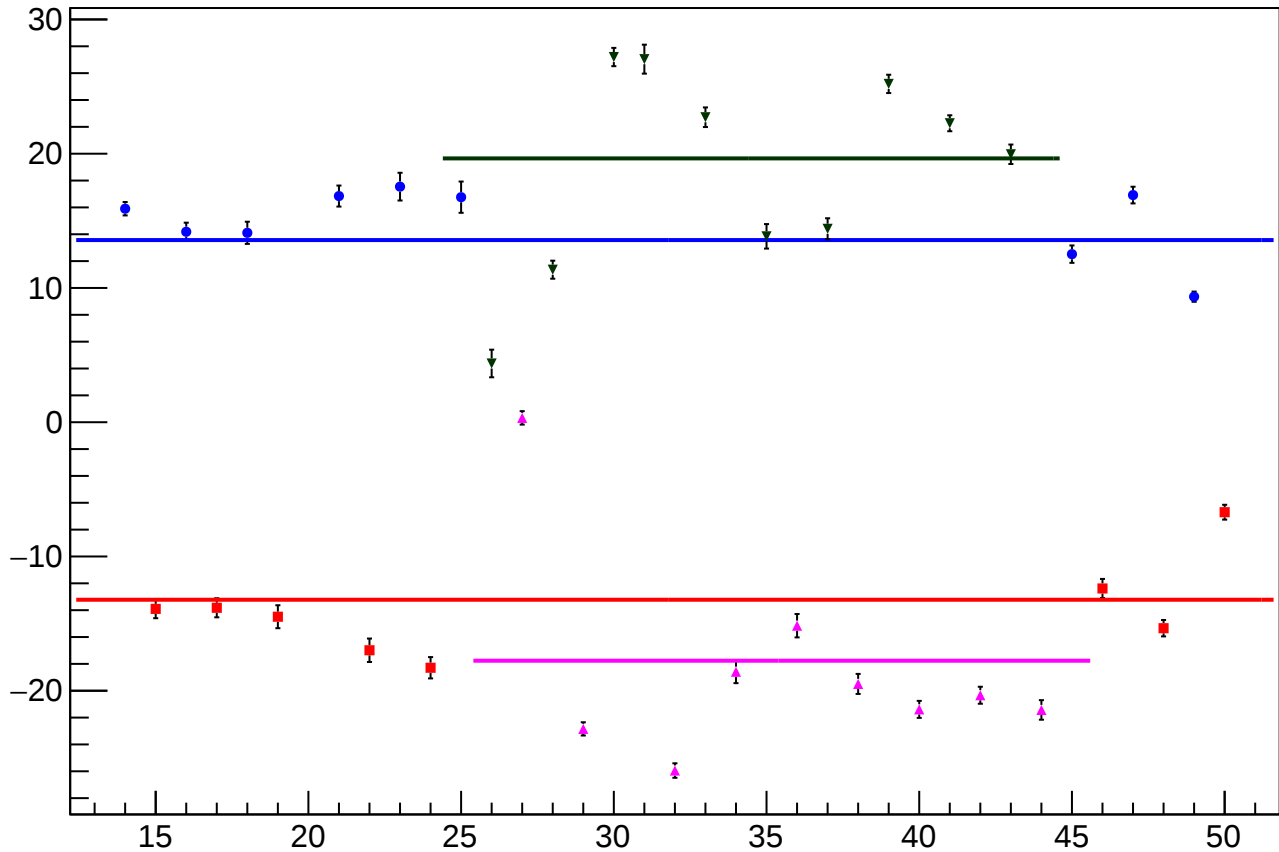
Left Out: 0.002 ± 0.177 χ^2/NDF : 49.9/8

Right Out: -0.717 ± 0.200 χ^2/NDF : 296.9/8

Left In: -0.270 ± 0.181 χ^2/NDF : 69.6/8

0.110 ± 0.094 χ^2/NDF : 800.1/35

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 13.567 $\pm$ 0.209 χ^2 /NDF: 217.3/8

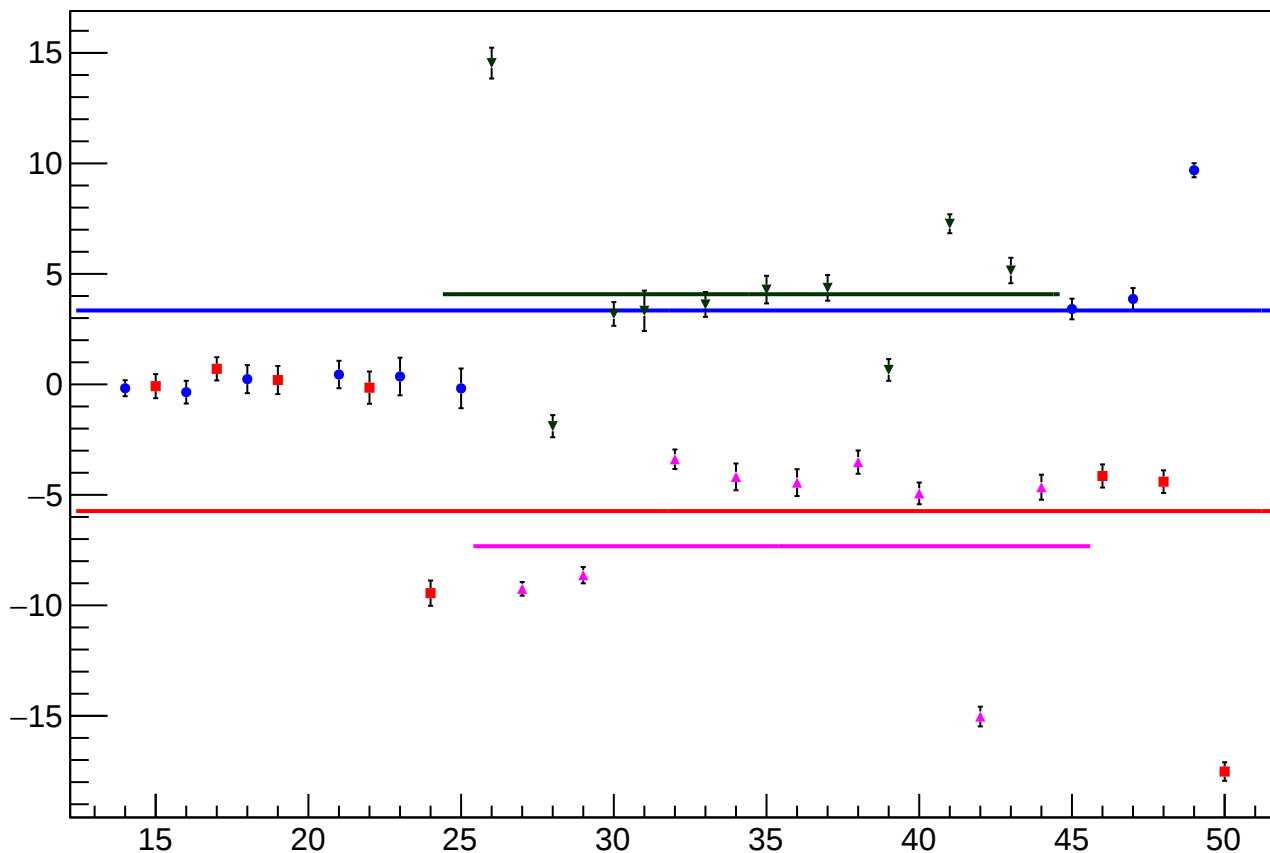
Left Out: 19.649 $\pm$ 0.237 χ^2 /NDF: 731.4/9

Right Out: -13.223 $\pm$ 0.248 χ^2 /NDF: 215.5/7

Left In: -17.765 $\pm$ 0.209 χ^2 /NDF: 1728.2/8

0.465 $\pm$ 0.112 χ^2 /NDF: 23999.1/35

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 3.345 ± 0.163 χ^2/NDF : 615.8/8

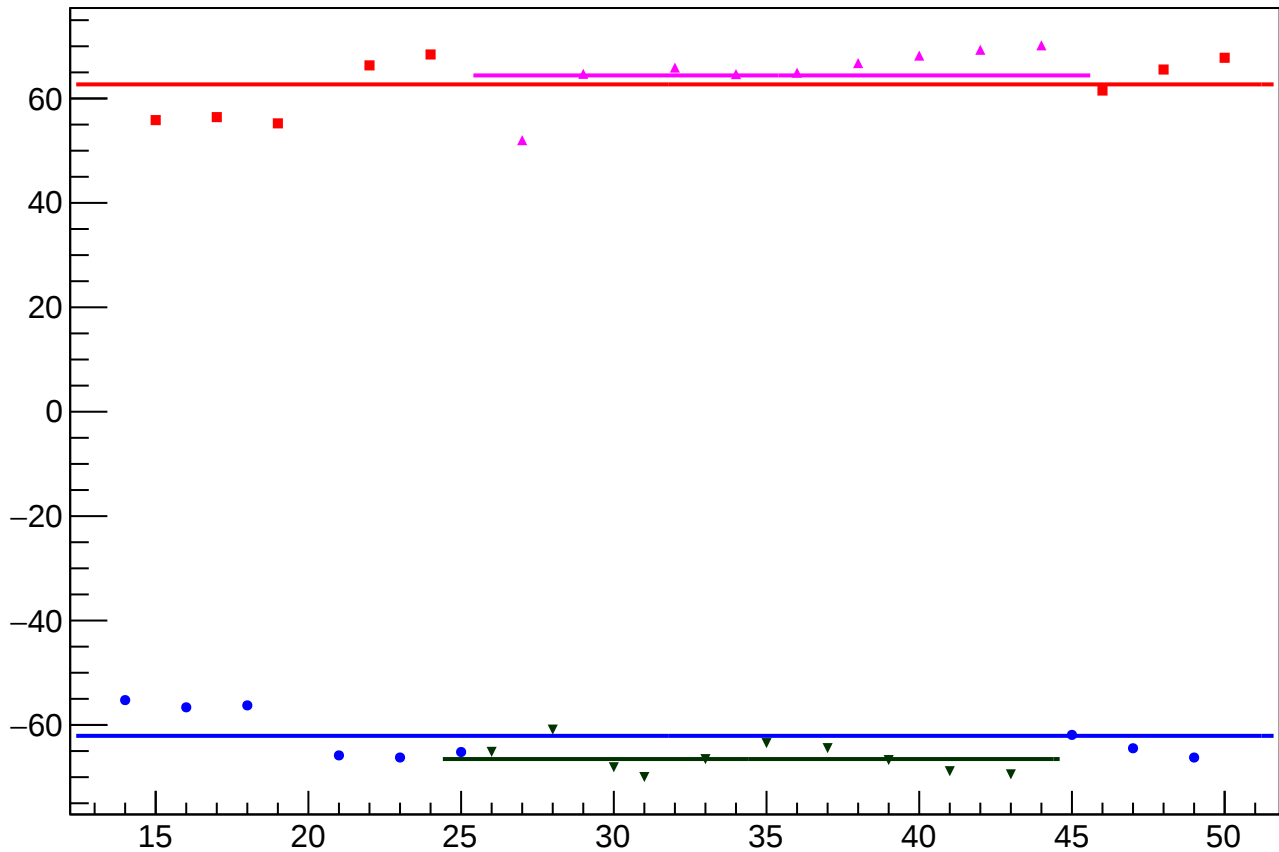
Left Out: 4.080 ± 0.177 χ^2/NDF : 478.1/9

-1.599 ± 0.084 χ^2/NDF : 6797.6/35

Right Out: -5.734 ± 0.190 χ^2/NDF : 1251.7/7

Left In: -7.322 ± 0.150 χ^2/NDF : 577.1/8

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -62.088 ± 0.039 $\chi^2/\text{NDF}: 12893.9/8$

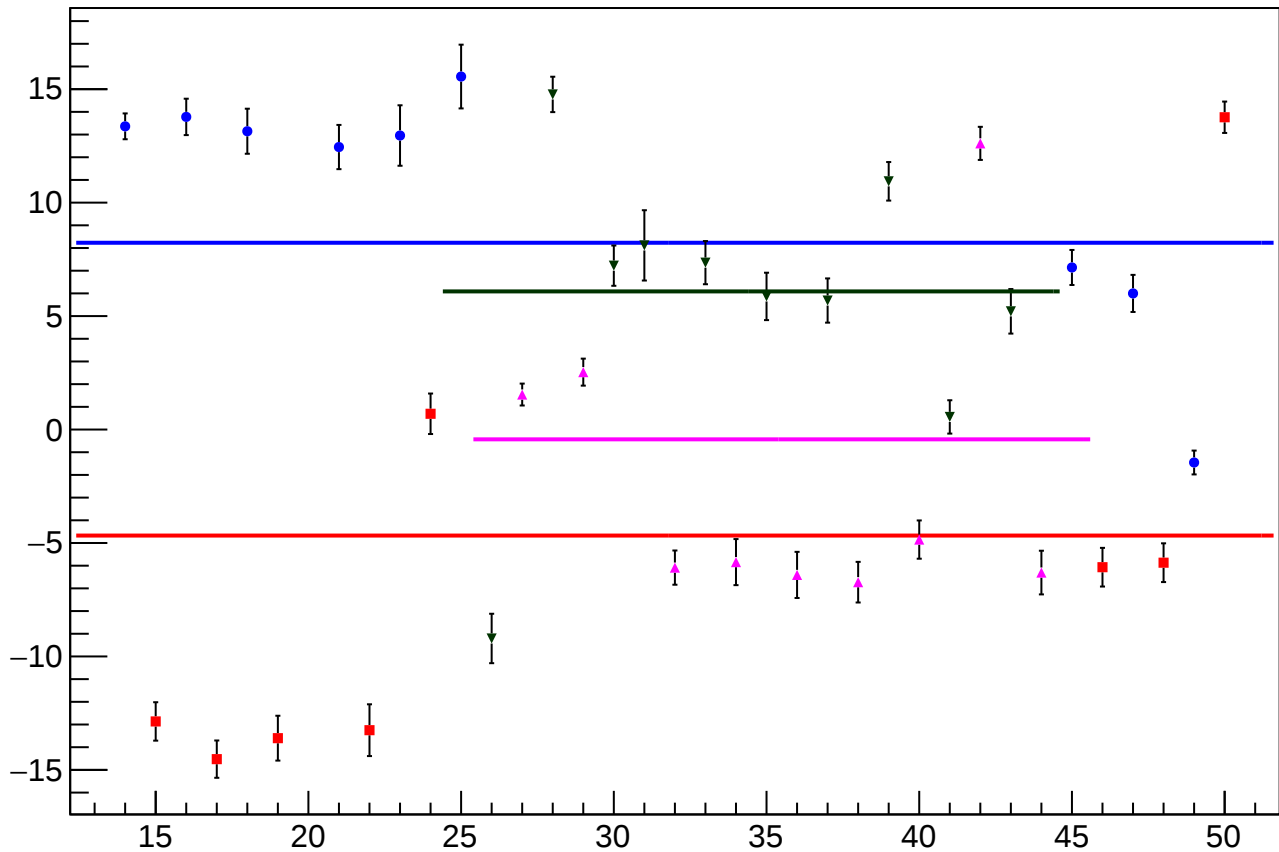
Left Out: -66.529 ± 0.039 $\chi^2/\text{NDF}: 4841.9/9$

Right Out: 62.699 ± 0.045 $\chi^2/\text{NDF}: 11725.4/7$

Left In: 64.419 ± 0.036 $\chi^2/\text{NDF}: 25021.8/8$

-1.569 ± 0.020 $\chi^2/\text{NDF}: 10564417.9/35$

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 8.232 ± 0.262 $\chi^2/\text{NDF}: 561.3/8$

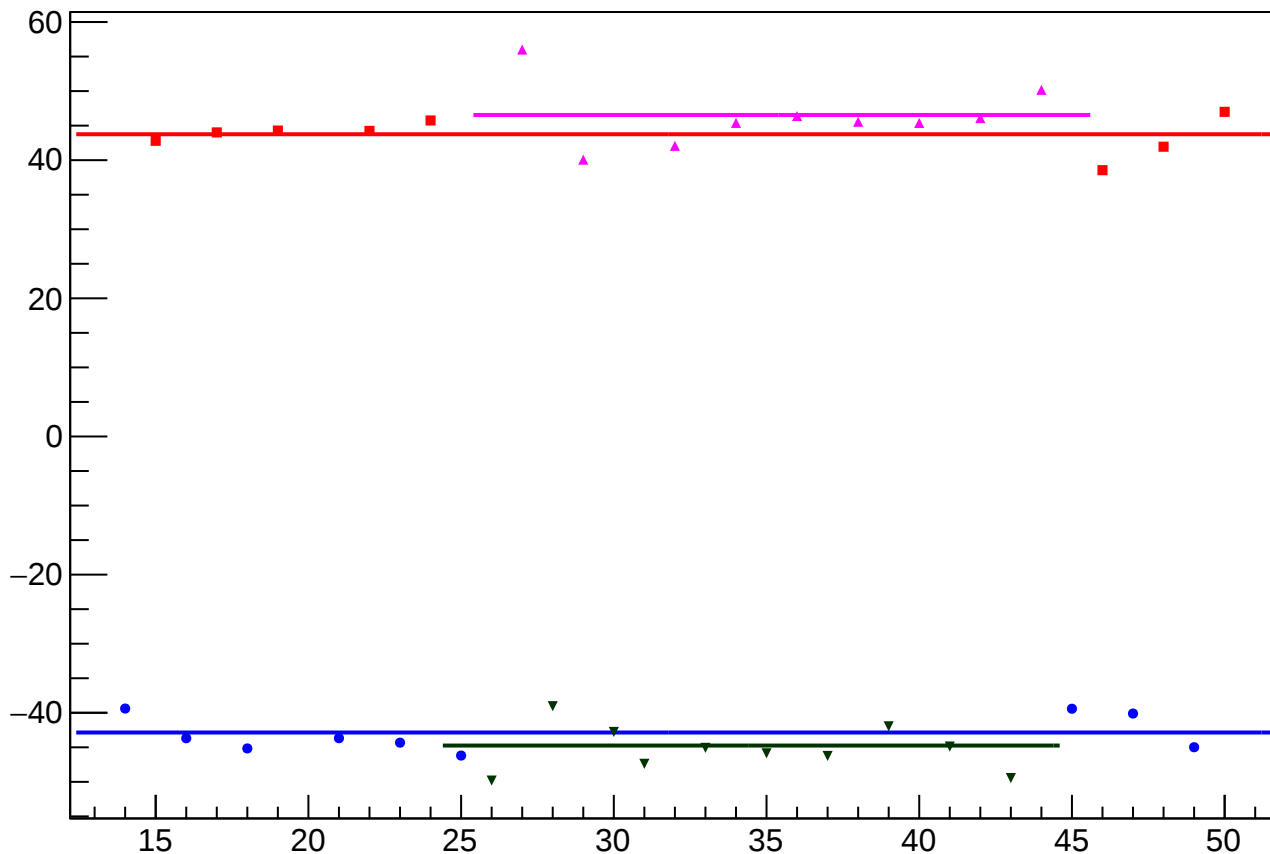
Left Out: 6.087 ± 0.295 $\chi^2/\text{NDF}: 416.6/9$

2.491 ± 0.137 $\chi^2/\text{NDF}: 4021.5/35$

Right Out: -4.672 ± 0.305 $\chi^2/\text{NDF}: 1126.9/7$

Left In: -0.432 ± 0.247 $\chi^2/\text{NDF}: 594.6/8$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.855+/-0.049 χ^2/NDF : 2571.3/8

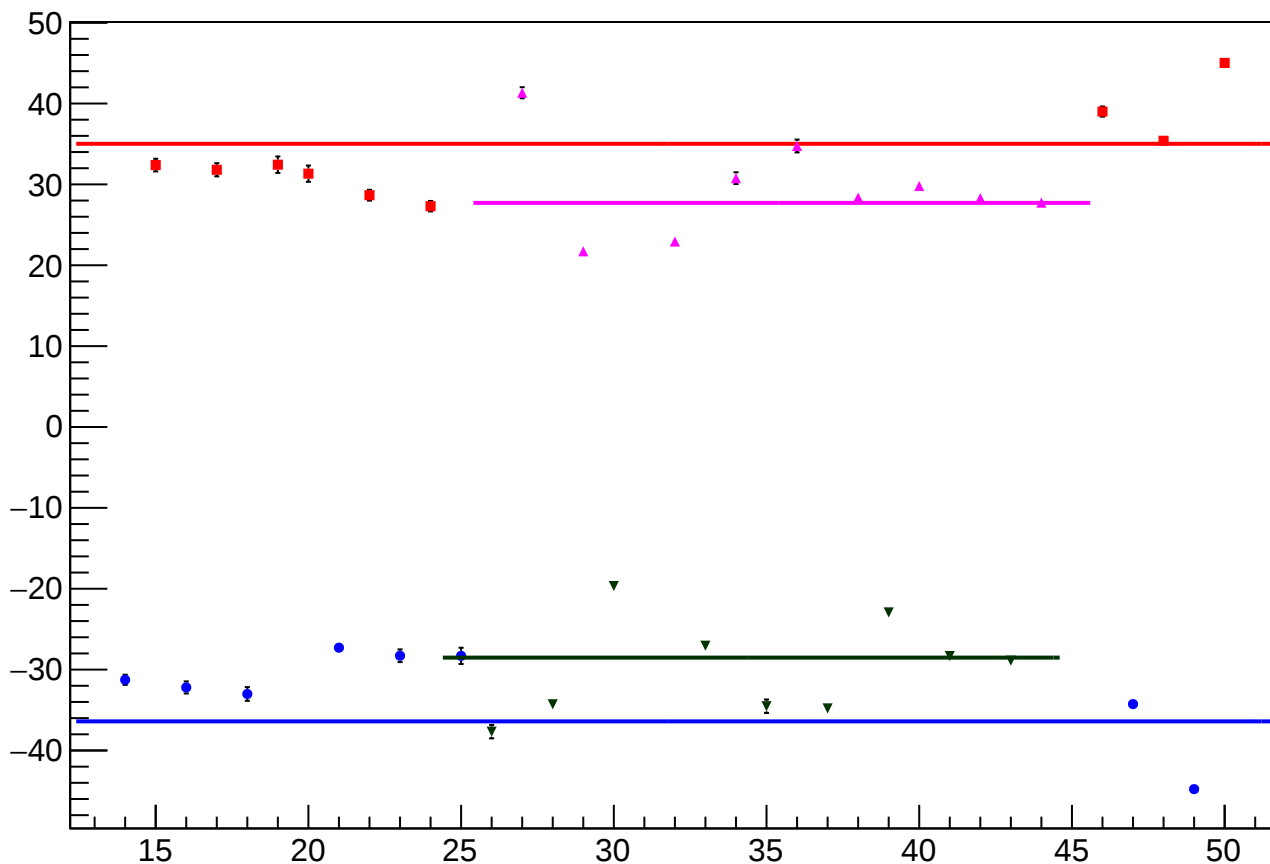
Left Out: -44.743+/-0.053 χ^2/NDF : 3703.9/9

Right Out: 43.754+/-0.054 χ^2/NDF : 1991.2/7

Left In: 46.543+/-0.052 χ^2/NDF : 9214.0/8

-1.134+/-0.026 χ^2/NDF : 2910322.1/35

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -36.400 ± 0.206 $\chi^2/\text{NDF}: 1165.0/7$

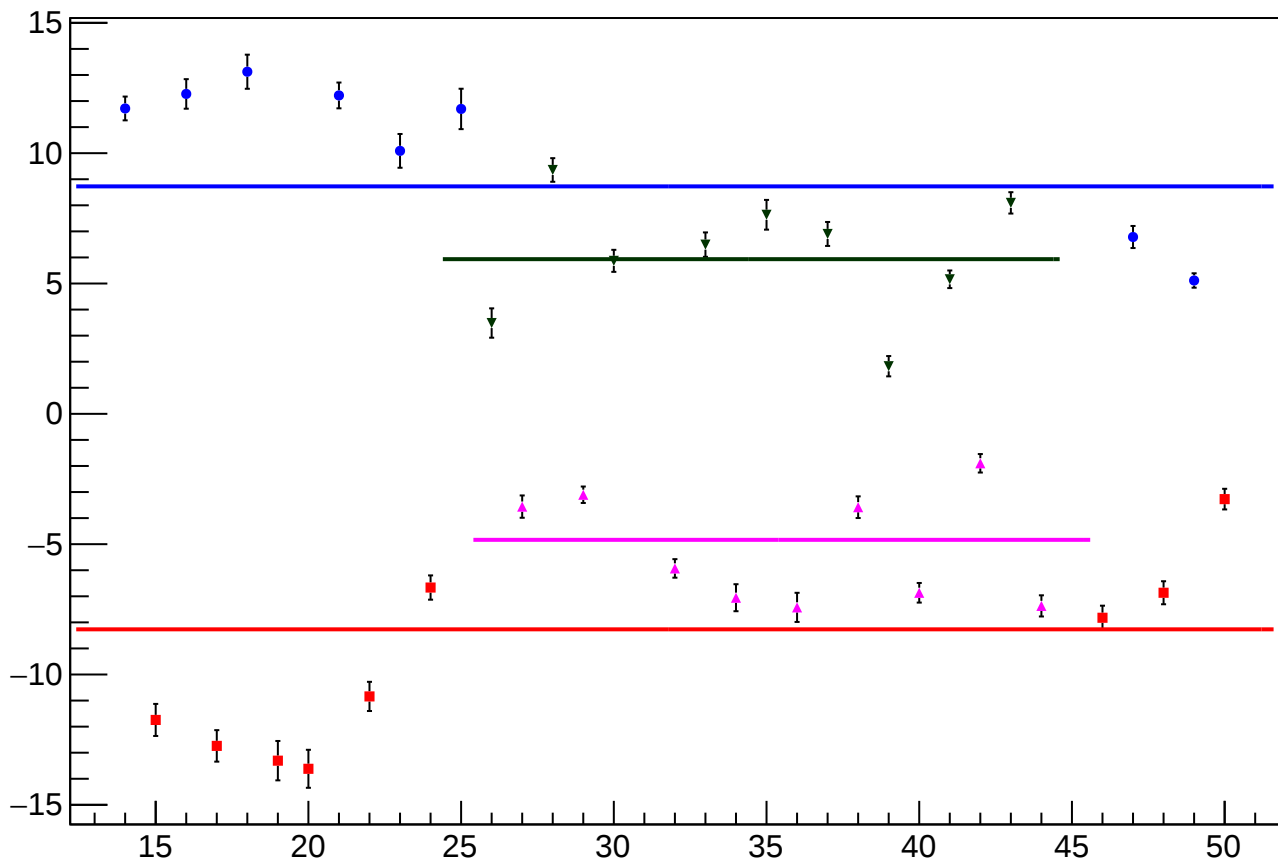
Left Out: -28.516 ± 0.195 $\chi^2/\text{NDF}: 758.8/8$

Right Out: 35.021 ± 0.227 $\chi^2/\text{NDF}: 685.4/8$

Left In: 27.712 ± 0.179 $\chi^2/\text{NDF}: 841.0/8$

-0.586 ± 0.100 $\chi^2/\text{NDF}: 104055.3/34$

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 8.726 ± 0.164 $\chi^2/\text{NDF}: 387.9/7$

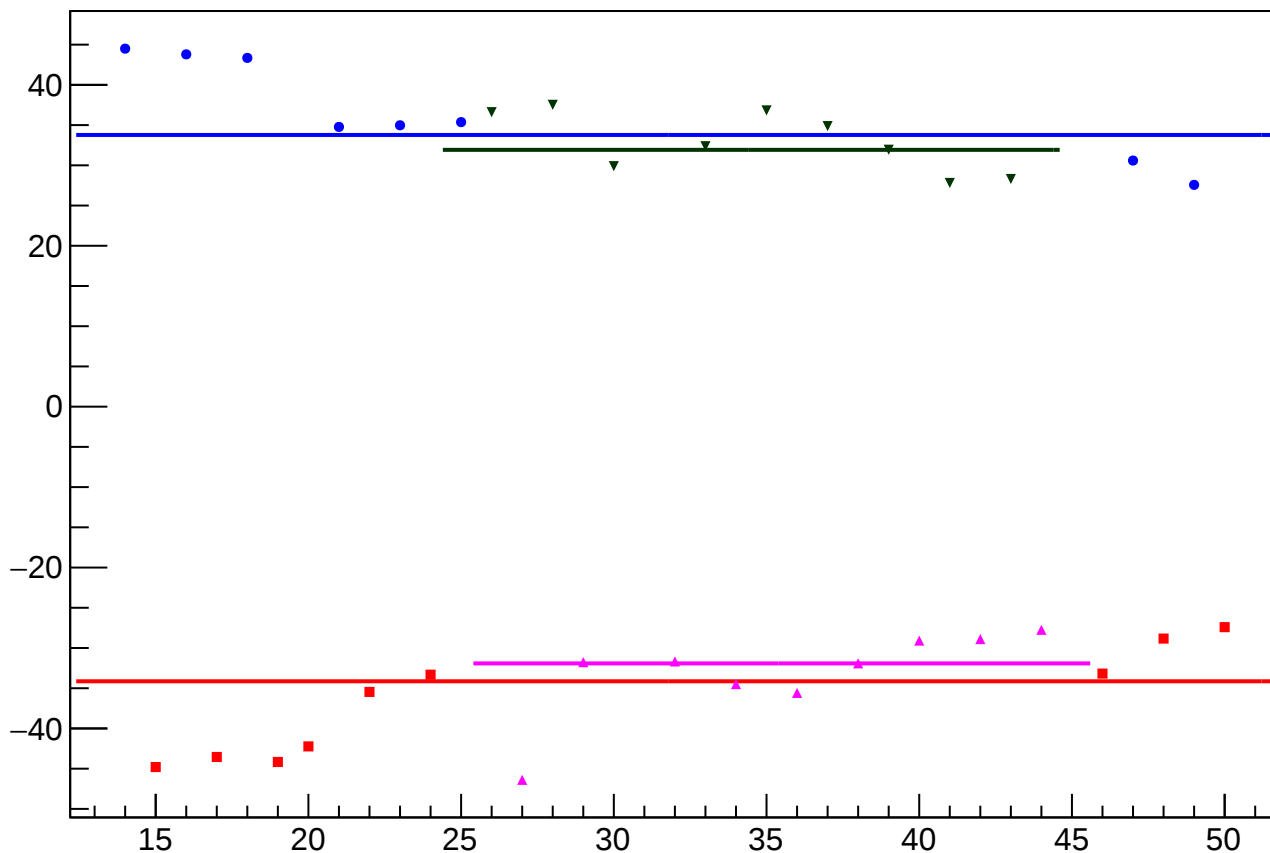
Left Out: 5.934 ± 0.145 $\chi^2/\text{NDF}: 234.9/8$

0.315 ± 0.076 $\chi^2/\text{NDF}: 9306.7/34$

Right Out: -8.267 ± 0.174 $\chi^2/\text{NDF}: 388.3/8$

Left In: -4.834 ± 0.132 $\chi^2/\text{NDF}: 234.0/8$

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 33.776+/-0.039 χ^2 /NDF: 25761.3/7

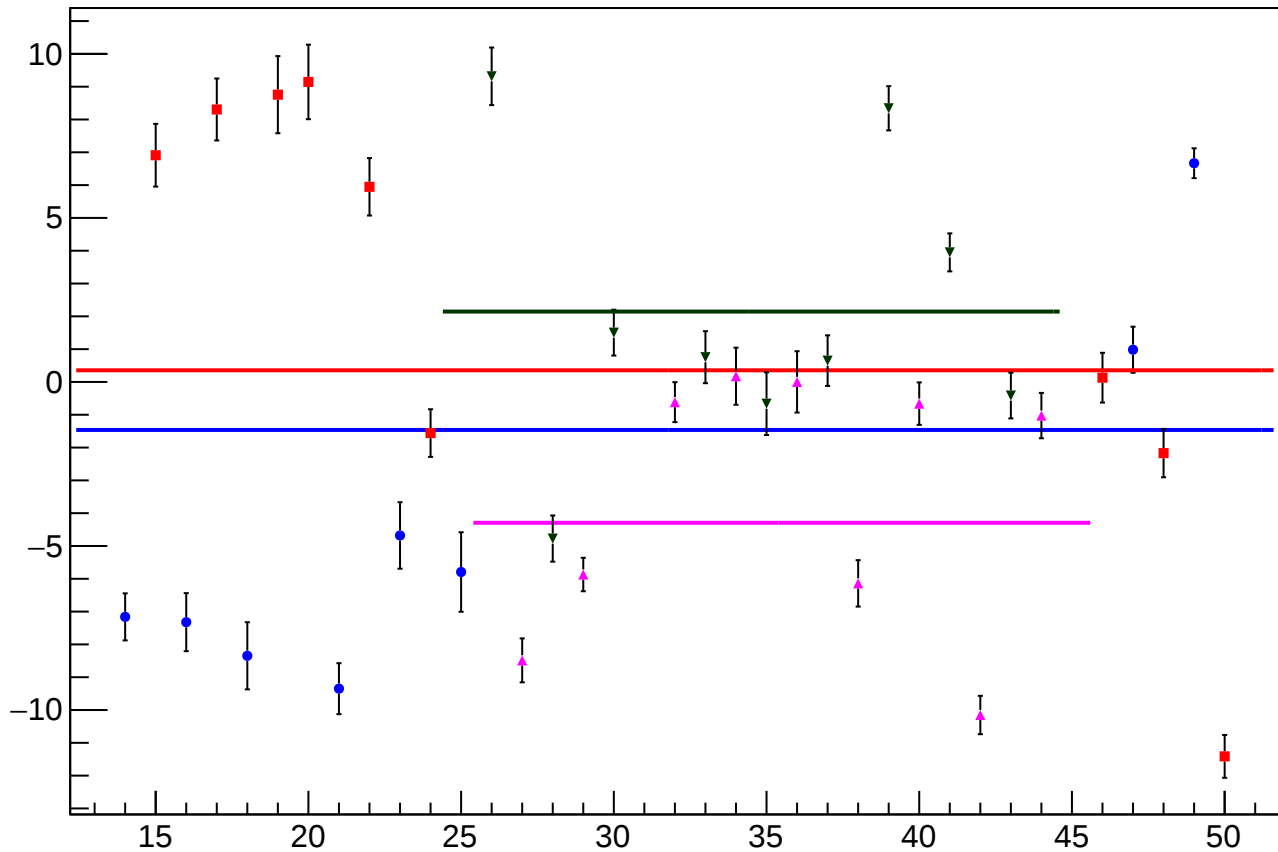
Left Out: 31.923+/-0.033 χ^2 /NDF:10913.1/8

Right Out: -34.137+/-0.041 χ^2 /NDF: 20603.6/8

Left In: -31.913+/-0.031 χ^2 /NDF:20132.9/8

-0.596+/-0.017 χ^2 /NDF: 3574890.3/34

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -1.463 ± 0.264 $\chi^2/\text{NDF}: 609.7/7$

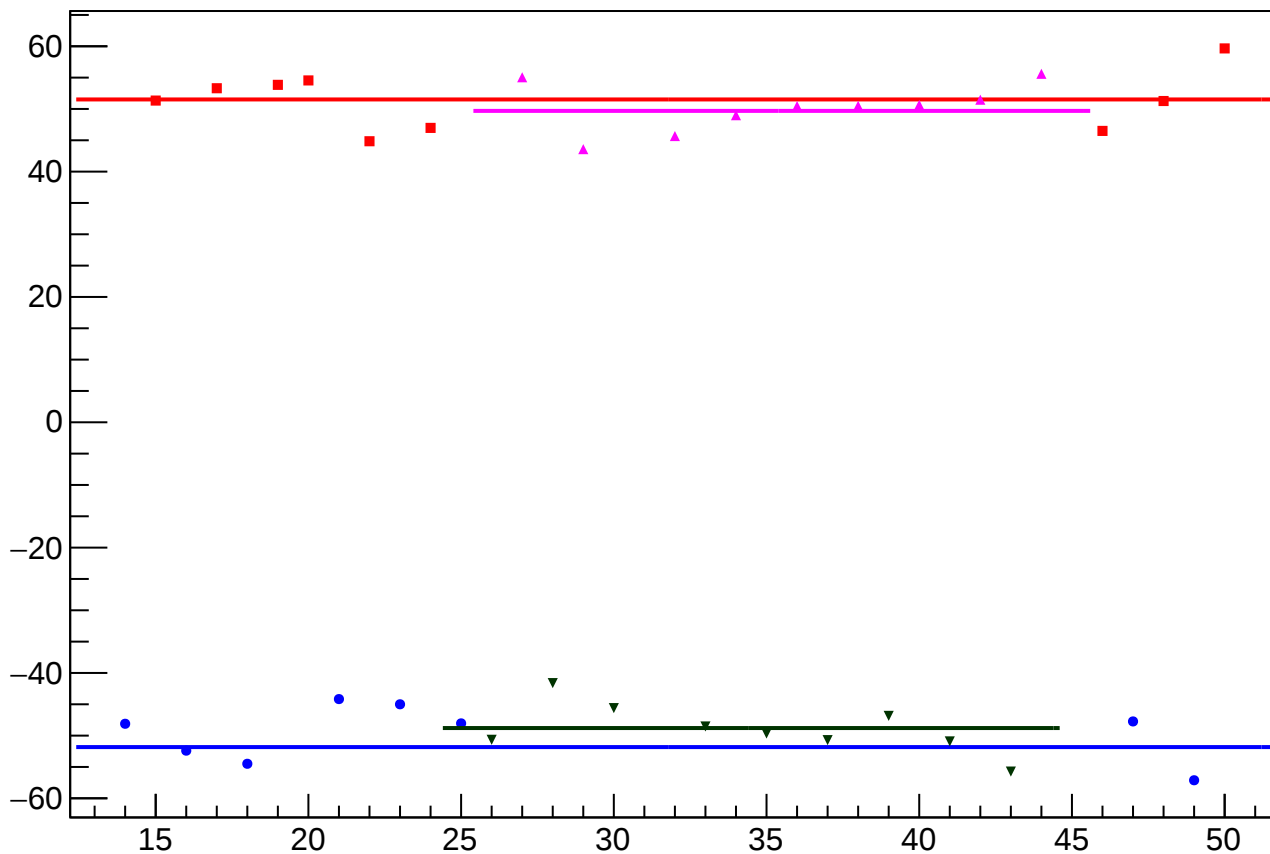
Left Out: 2.145 ± 0.243 $\chi^2/\text{NDF}: 287.5/8$

Right Out: 0.355 ± 0.279 $\chi^2/\text{NDF}: 613.3/8$

Left In: -4.293 ± 0.220 $\chi^2/\text{NDF}: 293.8/8$

-1.059 ± 0.124 $\chi^2/\text{NDF}: 2222.4/34$

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -51.829 $\pm$ 0.049 χ^2 /NDF: 9232.6/7

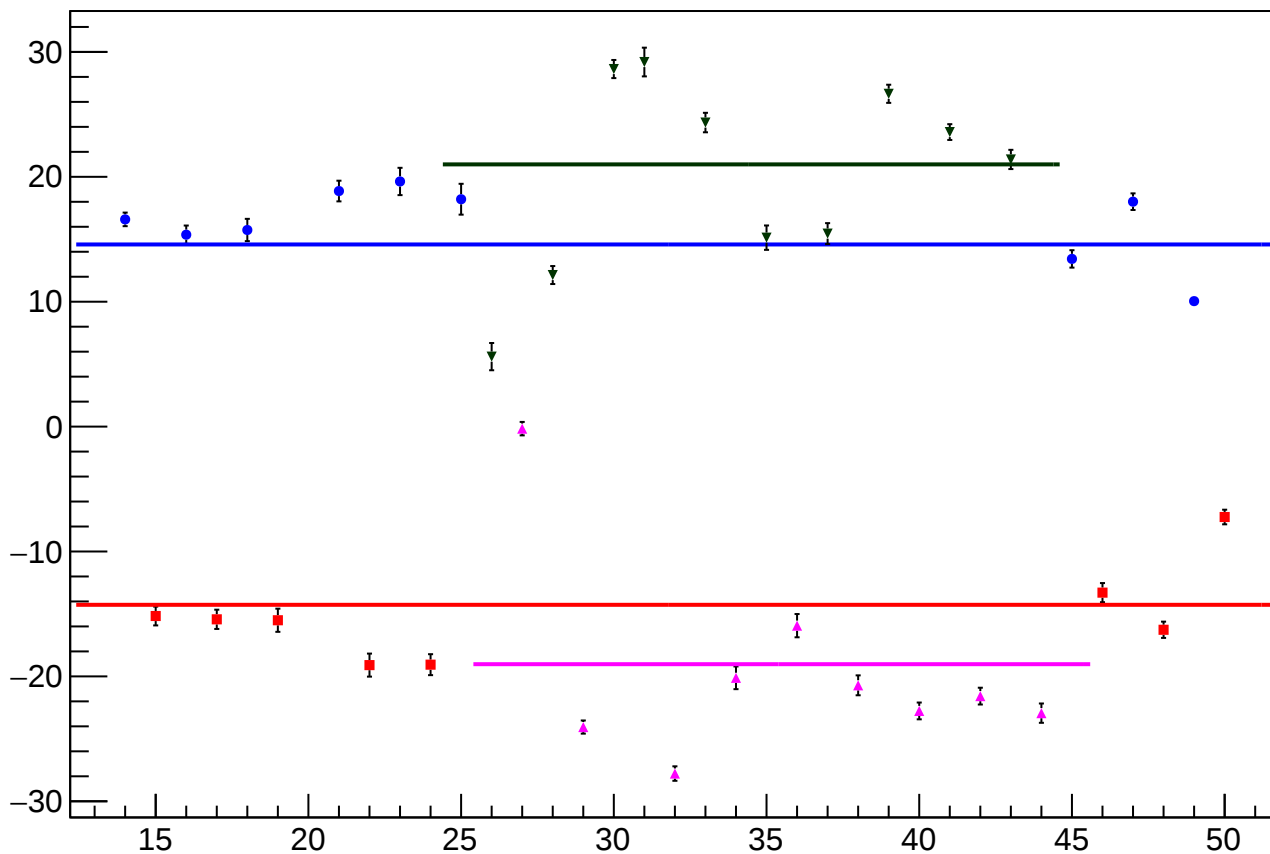
Left Out: -48.791 $\pm$ 0.044 χ^2 /NDF: 7464.7/8

Right Out: 51.516 $\pm$ 0.050 χ^2 /NDF: 9457.8/8

Left In: 49.690 $\pm$ 0.045 χ^2 /NDF: 7145.5/8

-0.712 $\pm$ 0.023 χ^2 /NDF: 4634101.2/34

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 14.584 $\pm$ 0.224 χ^2/NDF : 228.8/8

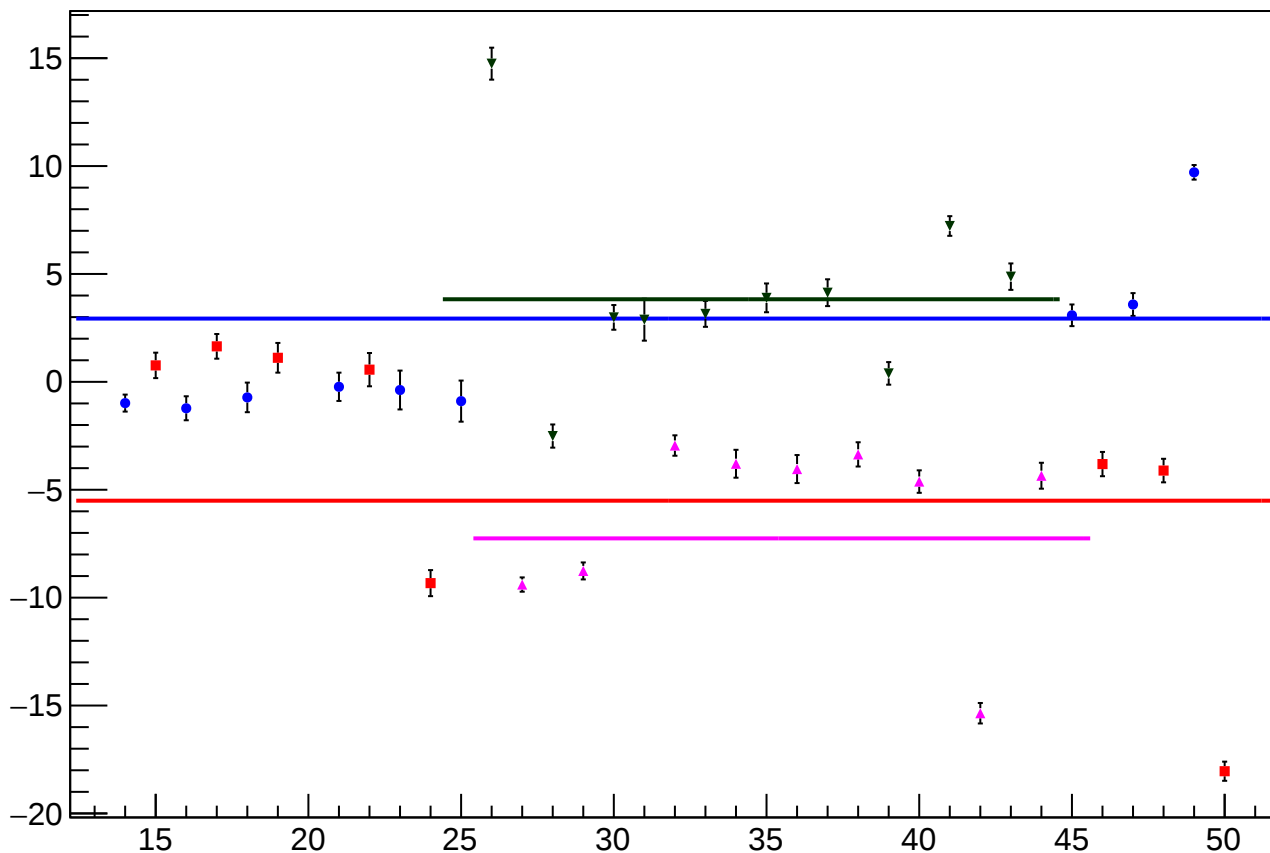
Left Out: 20.996 $\pm$ 0.253 χ^2/NDF : 688.0/9

Right Out: -14.269 $\pm$ 0.266 χ^2/NDF : 220.7/7

Left In: -19.023 $\pm$ 0.223 χ^2/NDF : 1636.4/8

0.490 $\pm$ 0.120 χ^2/NDF : 24030.5/35

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 2.932+/-0.175 χ^2/NDF : 638.8/8

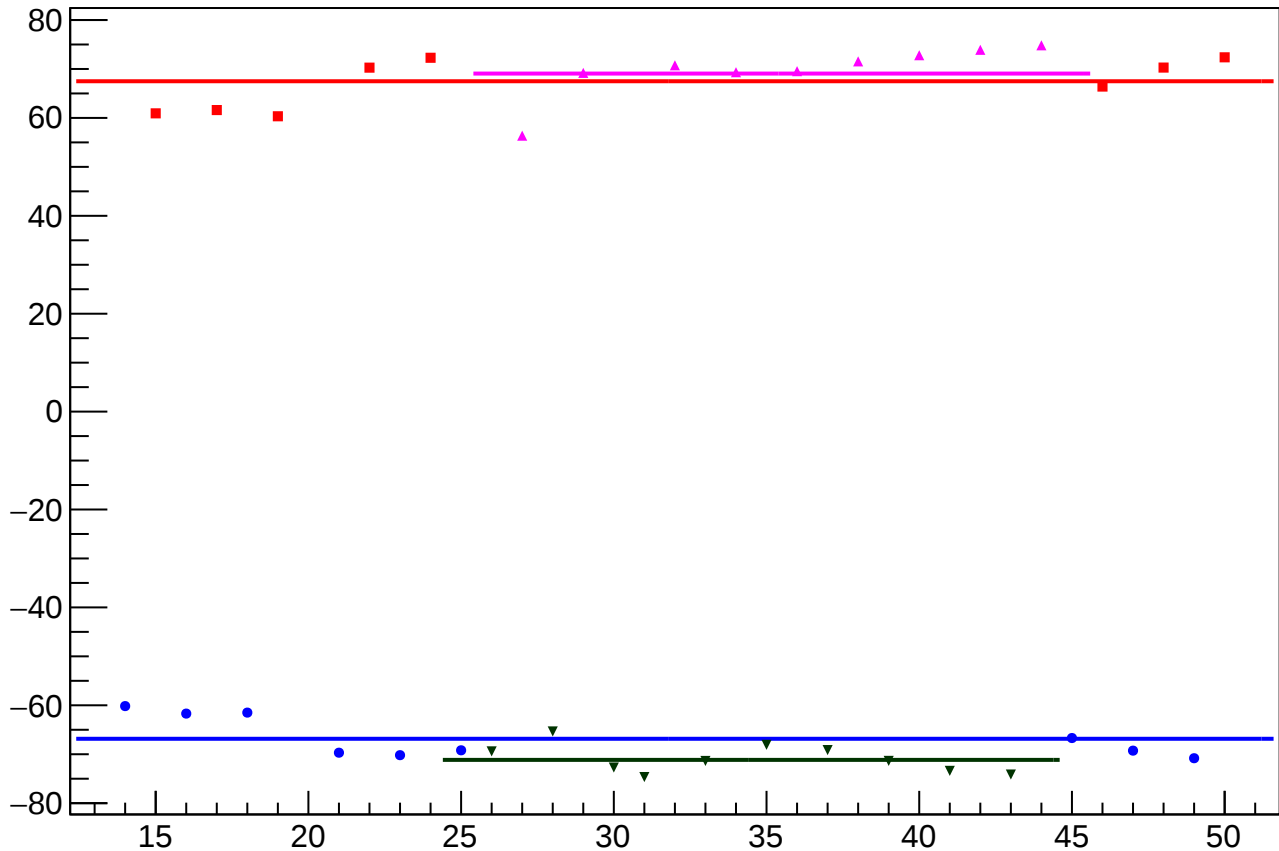
Left Out: 3.828+/-0.189 χ^2/NDF :462.3/9

Right Out: -5.507 ± 0.204 χ^2/NDF : 1277.4/7

Left In: -7.254+/-0.160 χ^2/NDF :580.6/8

-1.701+/-0.090 χ^2/NDF : 6068.3/35

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -66.841 ± 0.042 $\chi^2/\text{NDF}: 9860.6/8$

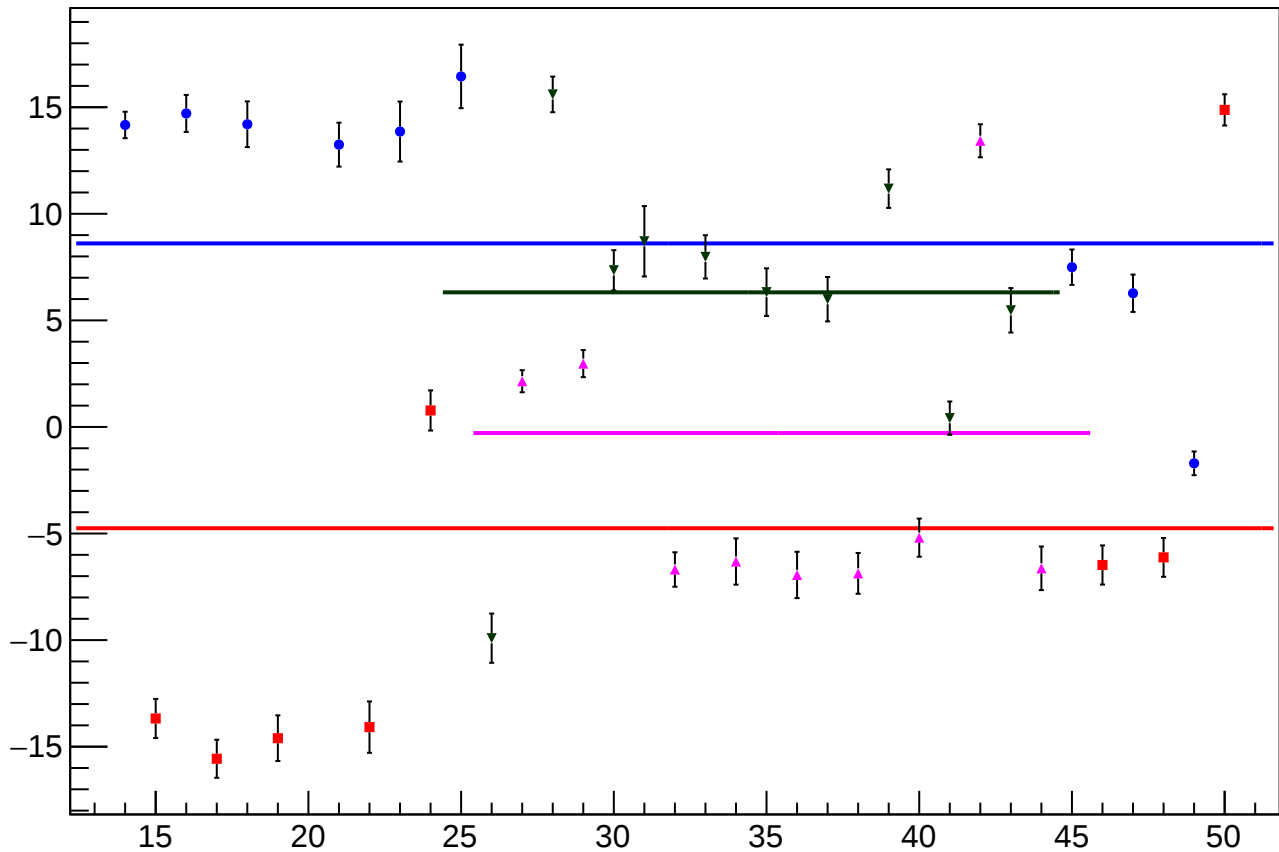
Left Out: -71.152 ± 0.042 $\chi^2/\text{NDF}: 4395.4/9$

Right Out: 67.493 ± 0.048 $\chi^2/\text{NDF}: 8863.3/7$

Left In: 69.062 ± 0.039 $\chi^2/\text{NDF}: 22617.7/8$

-1.691 ± 0.021 $\chi^2/\text{NDF}: 10645294.9/35$

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 8.610 ± 0.281 $\chi^2/\text{NDF}: 571.2/8$

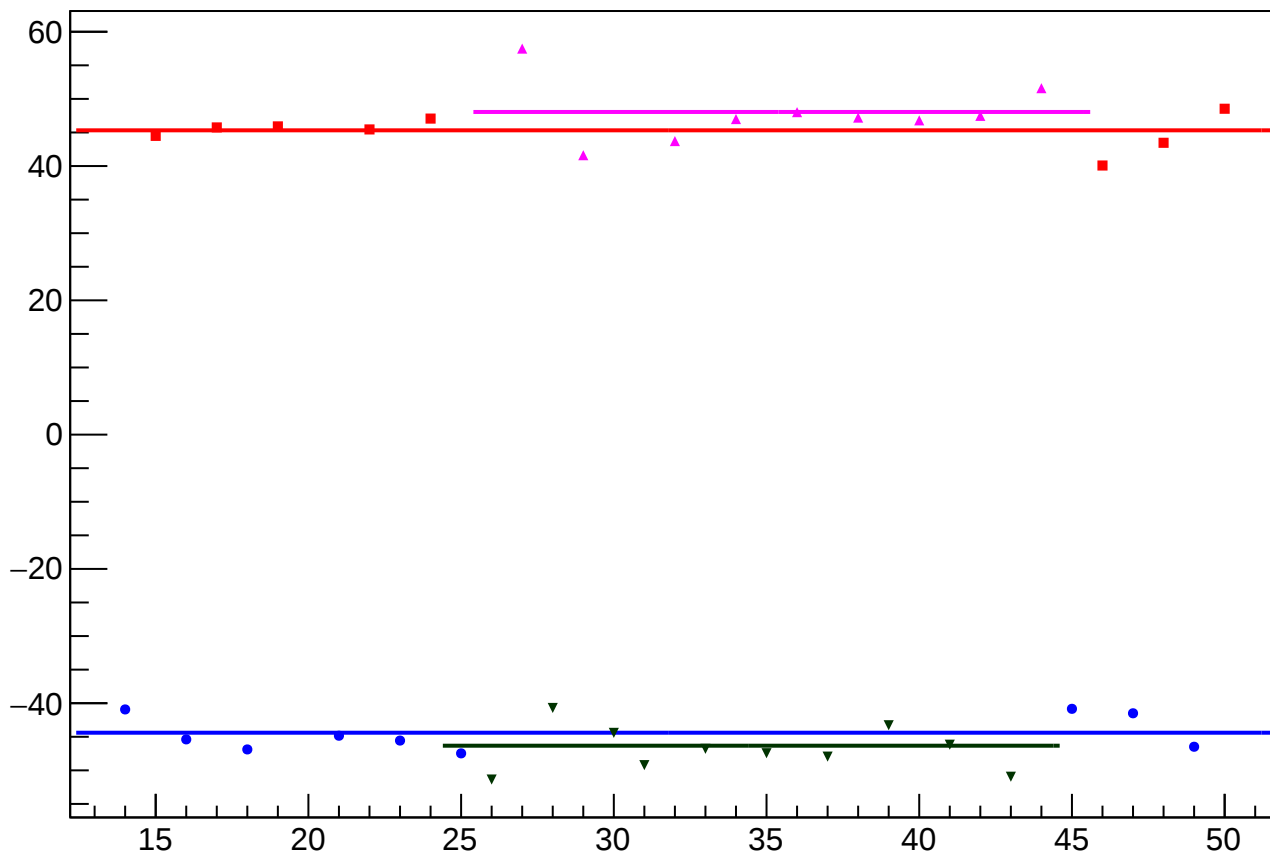
Left Out: 6.315 ± 0.314 $\chi^2/\text{NDF}: 413.3/9$

2.672 ± 0.147 $\chi^2/\text{NDF}: 3961.8/35$

Right Out: -4.752 ± 0.326 $\chi^2/\text{NDF}: 1144.7/7$

Left In: -0.285 ± 0.264 $\chi^2/\text{NDF}: 608.0/8$

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.394+/-0.053 χ^2/NDF : 2288.4/8

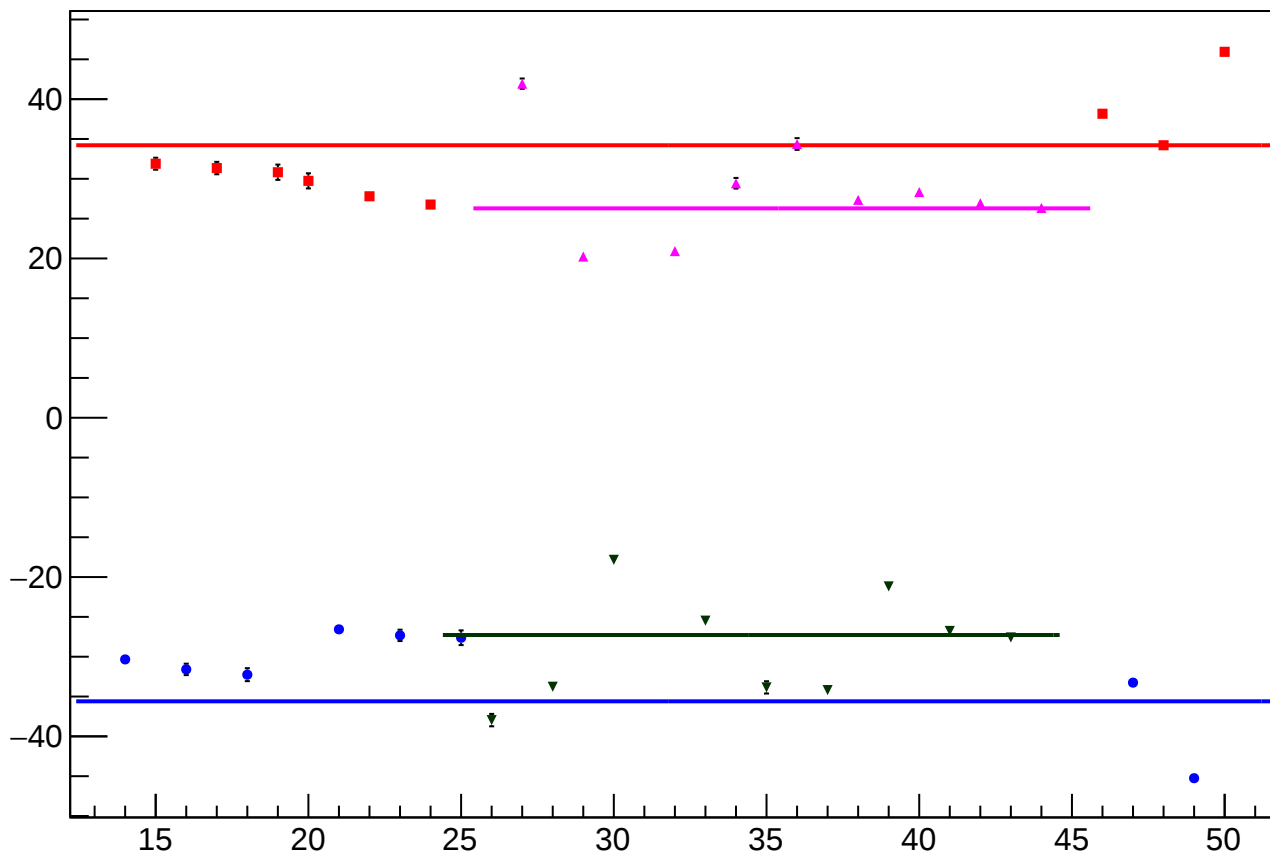
Left Out: -46.329+/-0.057 χ^2/NDF : 3263.4/9

Right Out: 45.320+/-0.058 χ^2/NDF : 1713.0/7

Left In: 48.054+/-0.056 χ^2/NDF : 7913.0/8

-1.207+/-0.028 χ^2/NDF : 2723830.7/35

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -35.600 $\pm$ 0.196 χ^2 /NDF: 1492.6/7

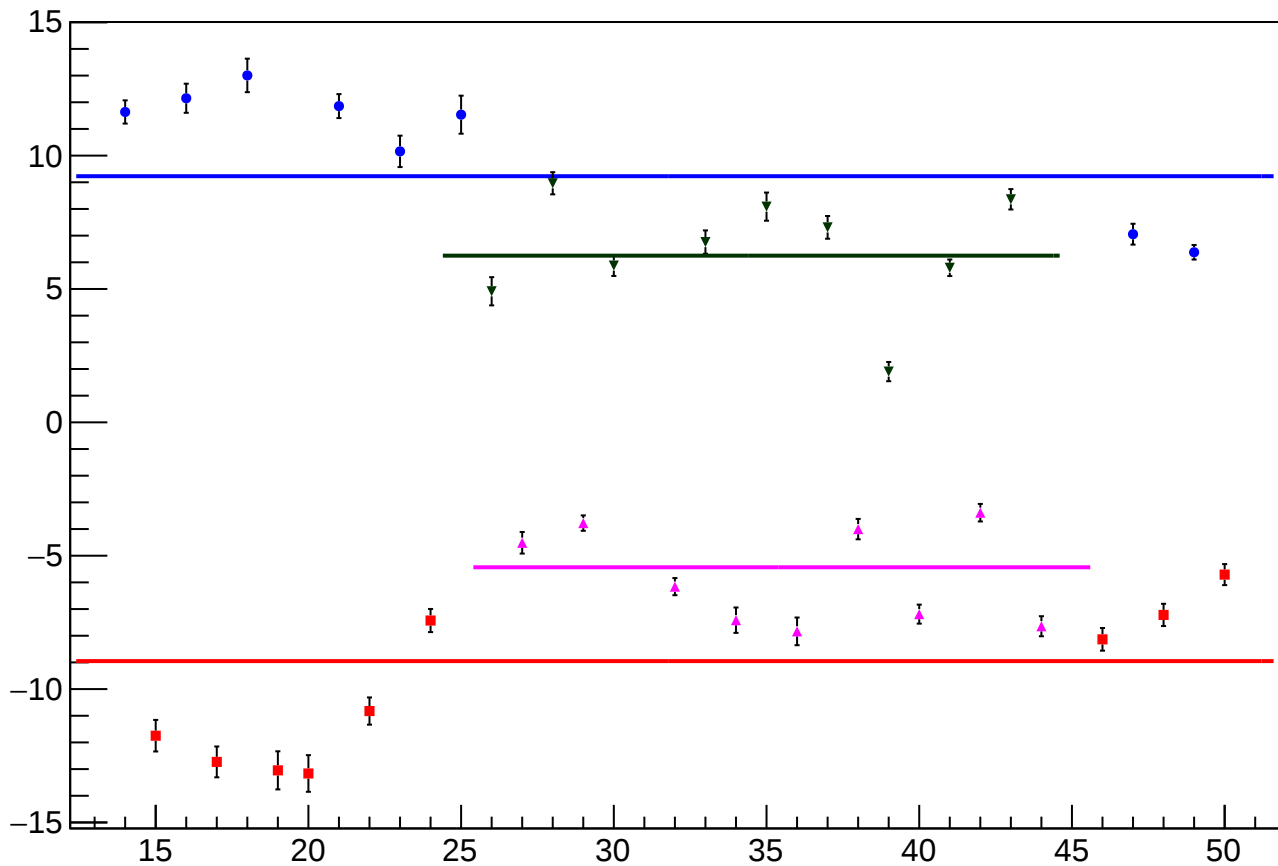
Left Out: -27.275 $\pm$ 0.181 χ^2 /NDF:1073.3/8

Right Out: 34.211 $\pm$ 0.214 χ^2 /NDF: 875.2/8

Left In: 26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-0.449 $\pm$ 0.093 χ^2 /NDF: 111245.9/34

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 9.228 ± 0.156 $\chi^2/\text{NDF}: 282.3/7$

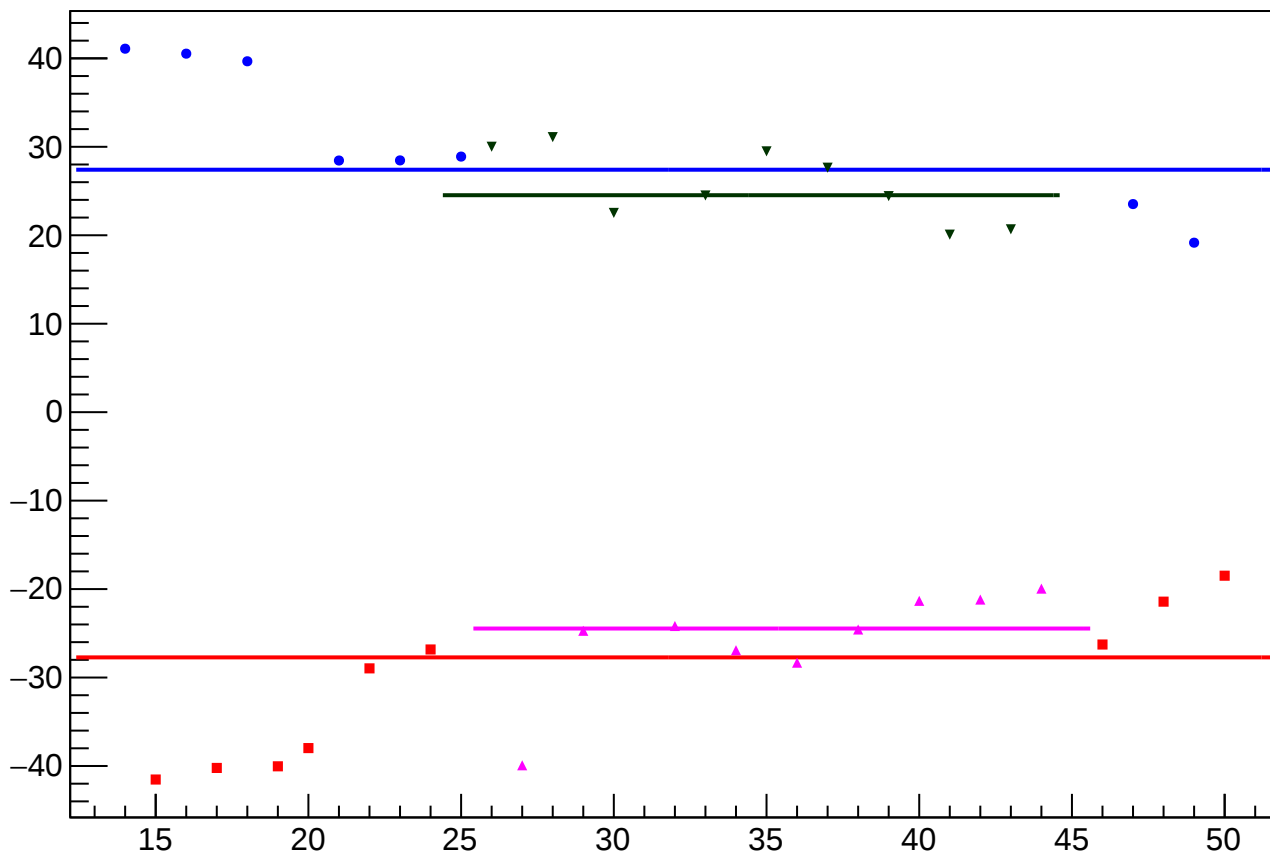
Left Out: 6.249 ± 0.135 $\chi^2/\text{NDF}: 247.2/8$

0.144 ± 0.071 $\chi^2/\text{NDF}: 11530.5/34$

Right Out: -8.951 ± 0.165 $\chi^2/\text{NDF}: 249.9/8$

Left In: -5.433 ± 0.122 $\chi^2/\text{NDF}: 193.5/8$

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 27.410+/-0.037 χ^2/NDF : 46239.9/7

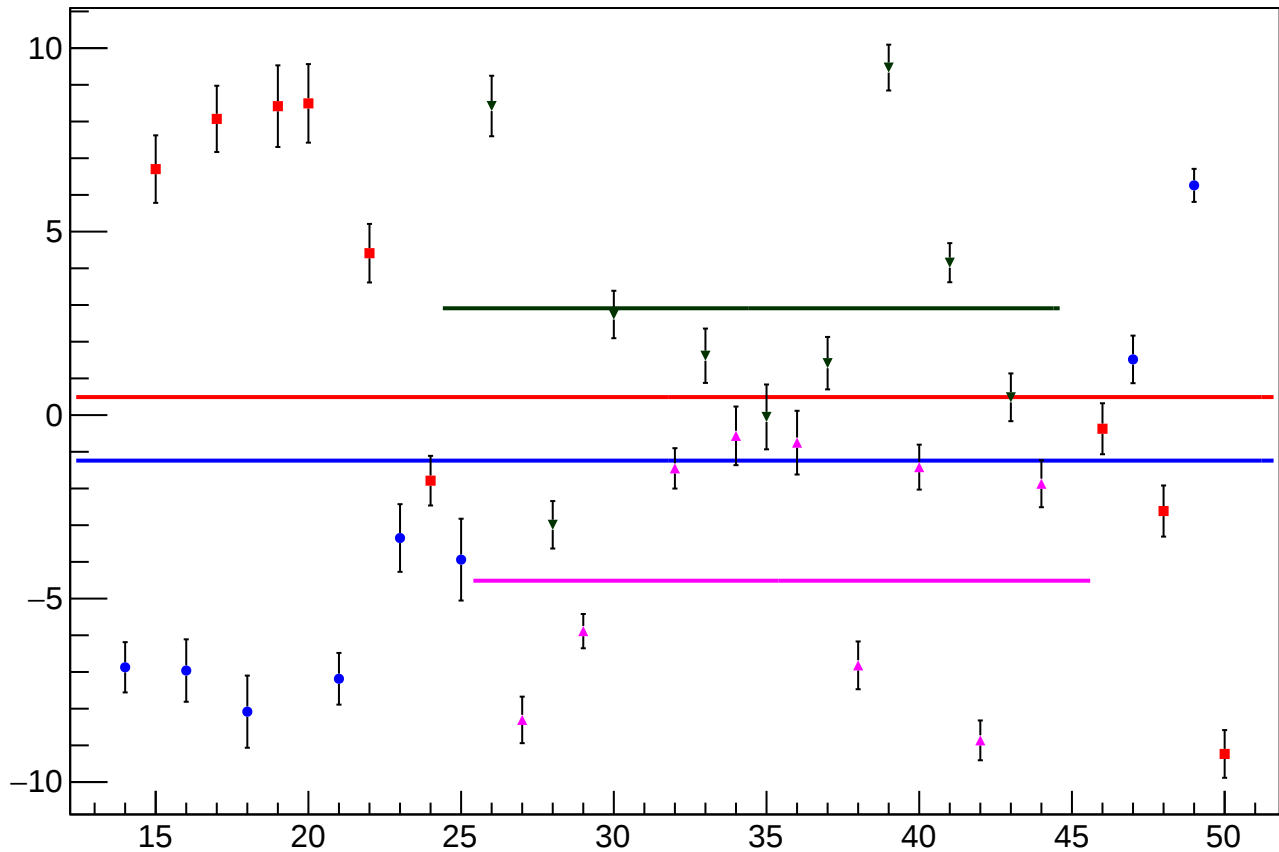
Left Out: 24.528+/-0.030 χ^2/NDF :15447.7/8

-0.556+/-0.016 χ^2/NDF : 2606713.4/34

Right Out: -27.722+/-0.039 χ^2/NDF : 37084.9/8

Left In: -24.460+/-0.028 χ^2/NDF :26092.2/8

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: -1.240 ± 0.251 χ^2/NDF : 539.4/7

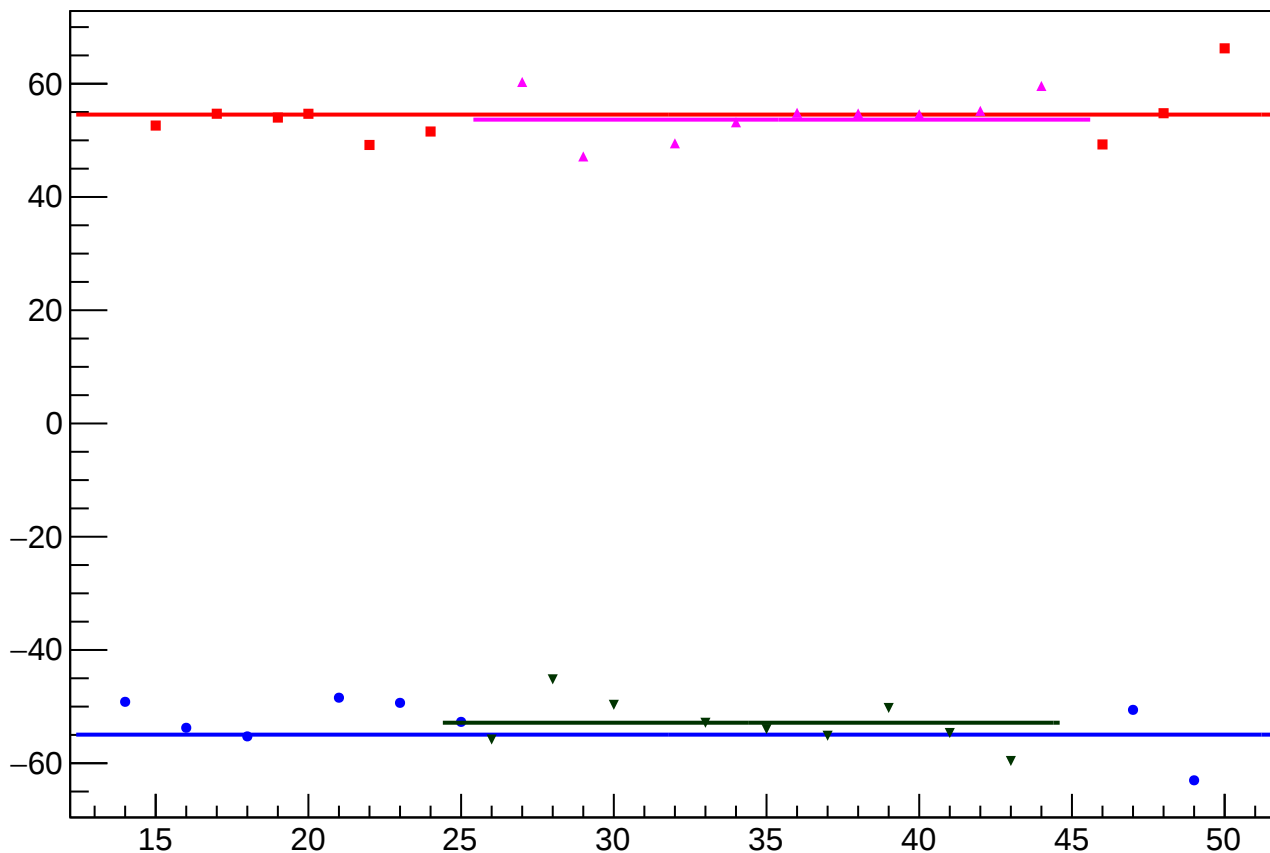
Left Out: 2.911 ± 0.225 χ^2/NDF : 276.3/8

Right Out: 0.491 ± 0.264 χ^2/NDF : 503.5/8

Left In: -4.513 ± 0.204 χ^2/NDF : 238.0/8

-0.863 ± 0.116 χ^2/NDF : 2188.7/34

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -54.953±/0.047 χ^2/NDF : 14589.3/7

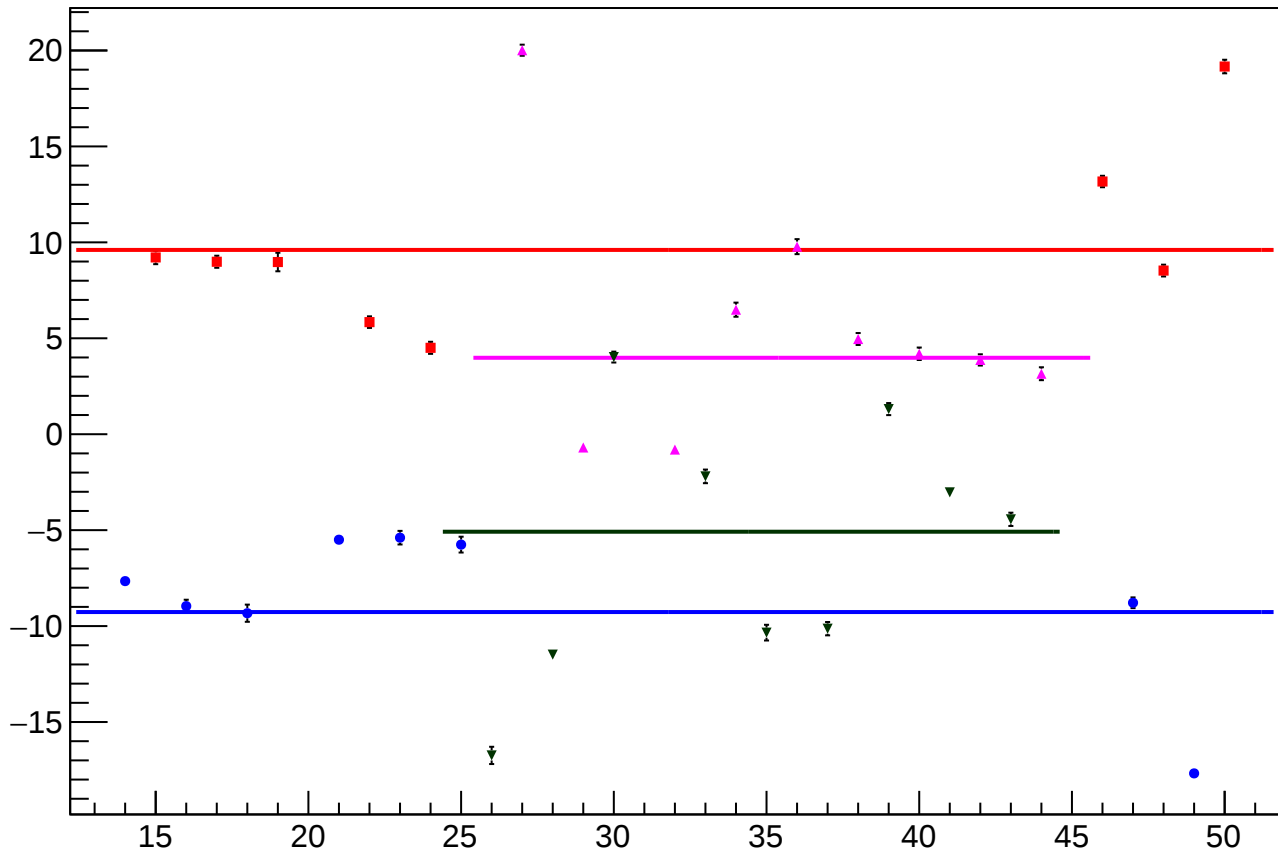
Left Out: -52.846±/0.041 χ^2/NDF : 9528.4/8

Right Out: 54.550±/0.047 χ^2/NDF : 13671.8/8

Left In: 53.657±/0.042 χ^2/NDF : 9586.0/8

-0.565±/0.022 χ^2/NDF : 6044302.3/34

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -9.269 ± 0.101 χ^2/NDF : 1836.0/7

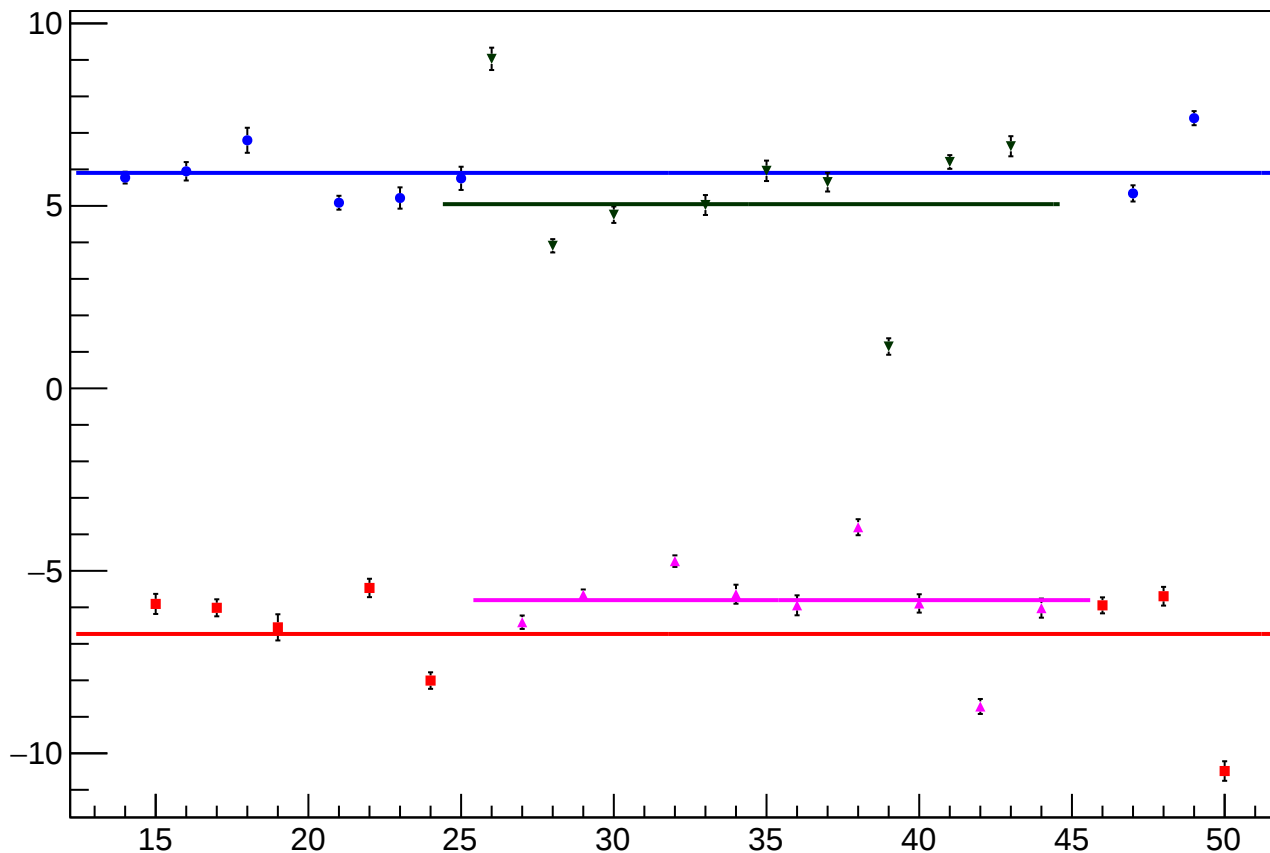
Left Out: -5.082 ± 0.106 χ^2/NDF : 3296.2/8

Right Out: 9.605 ± 0.117 χ^2/NDF : 1310.8/7

Left In: 3.984 ± 0.091 χ^2/NDF : 4557.3/8

-0.458 ± 0.051 χ^2/NDF : 30244.2/33

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.904 ± 0.079 $\chi^2/\text{NDF}: 98.3/7$

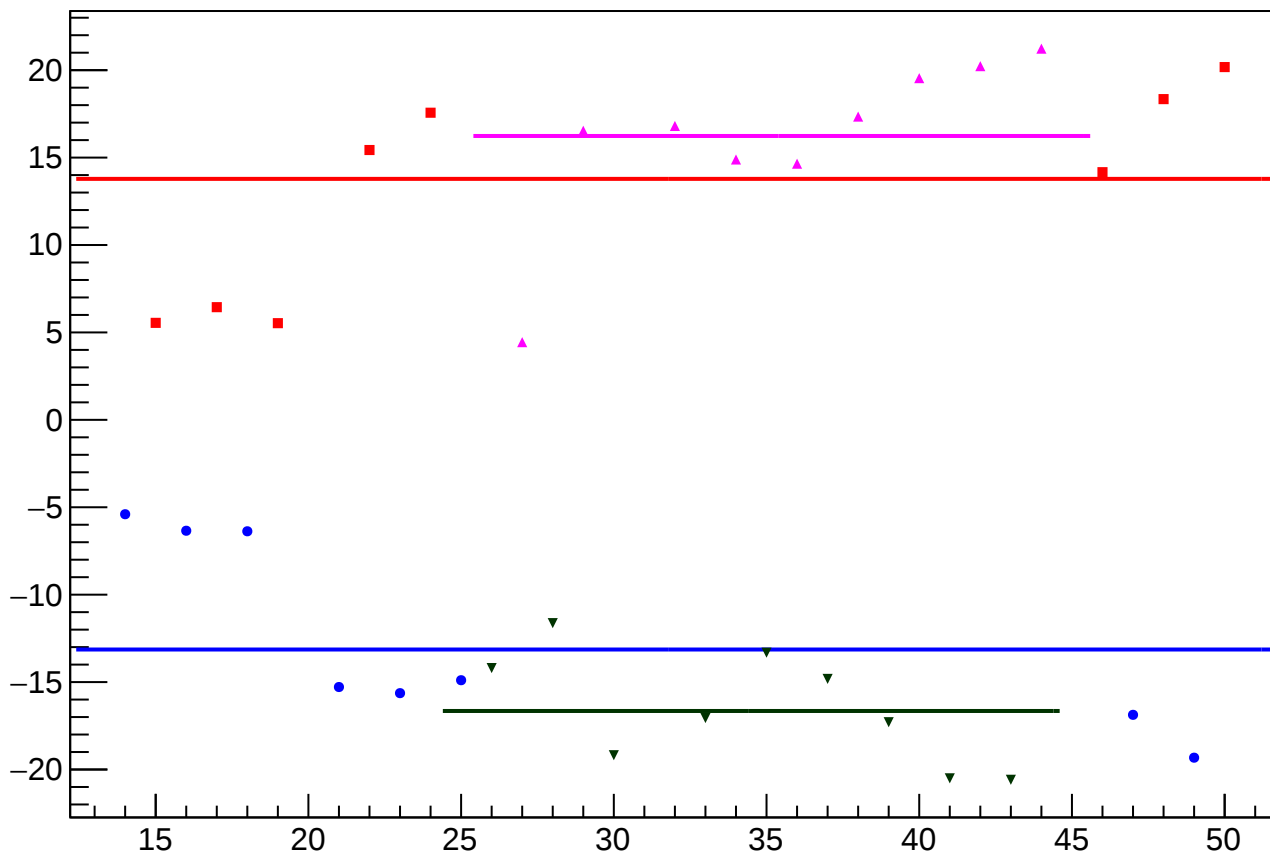
Left Out: 5.047 ± 0.078 $\chi^2/\text{NDF}: 595.4/8$

Right Out: -6.729 ± 0.090 $\chi^2/\text{NDF}: 301.0/7$

Left In: -5.803 ± 0.067 $\chi^2/\text{NDF}: 343.0/8$

-0.530 ± 0.039 $\chi^2/\text{NDF}: 23862.0/33$

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -13.137 $\pm$ 0.019 χ^2 /NDF: 77501.8/7

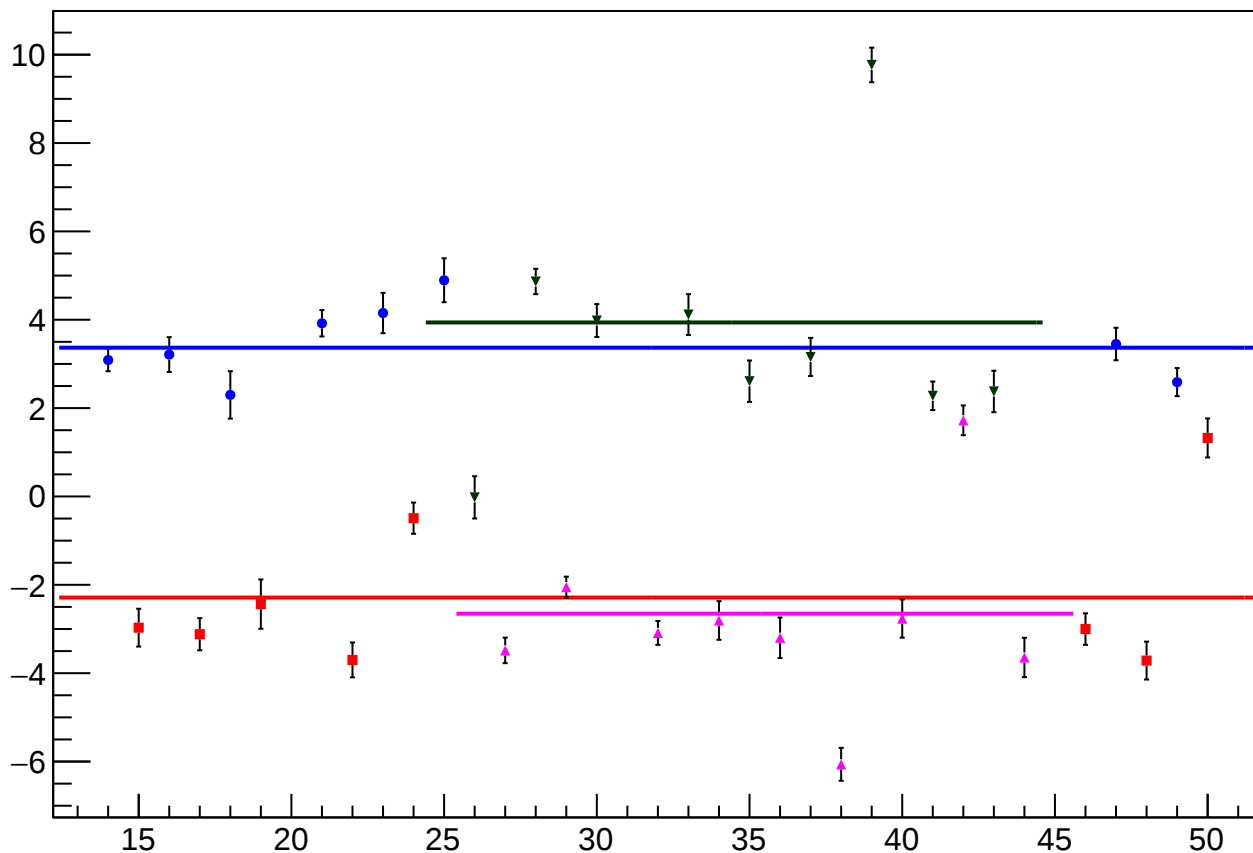
Left Out: -16.652 $\pm$ 0.018 χ^2 /NDF: 33114.0/8

Right Out: 13.783 $\pm$ 0.021 χ^2 /NDF: 57500.0/7

Left In: 16.236 $\pm$ 0.016 χ^2 /NDF: 73668.6/8

0.676 $\pm$ 0.009 χ^2 /NDF: 3130318.7/33

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.367 ± 0.126 $\chi^2/\text{NDF}: 27.2/7$

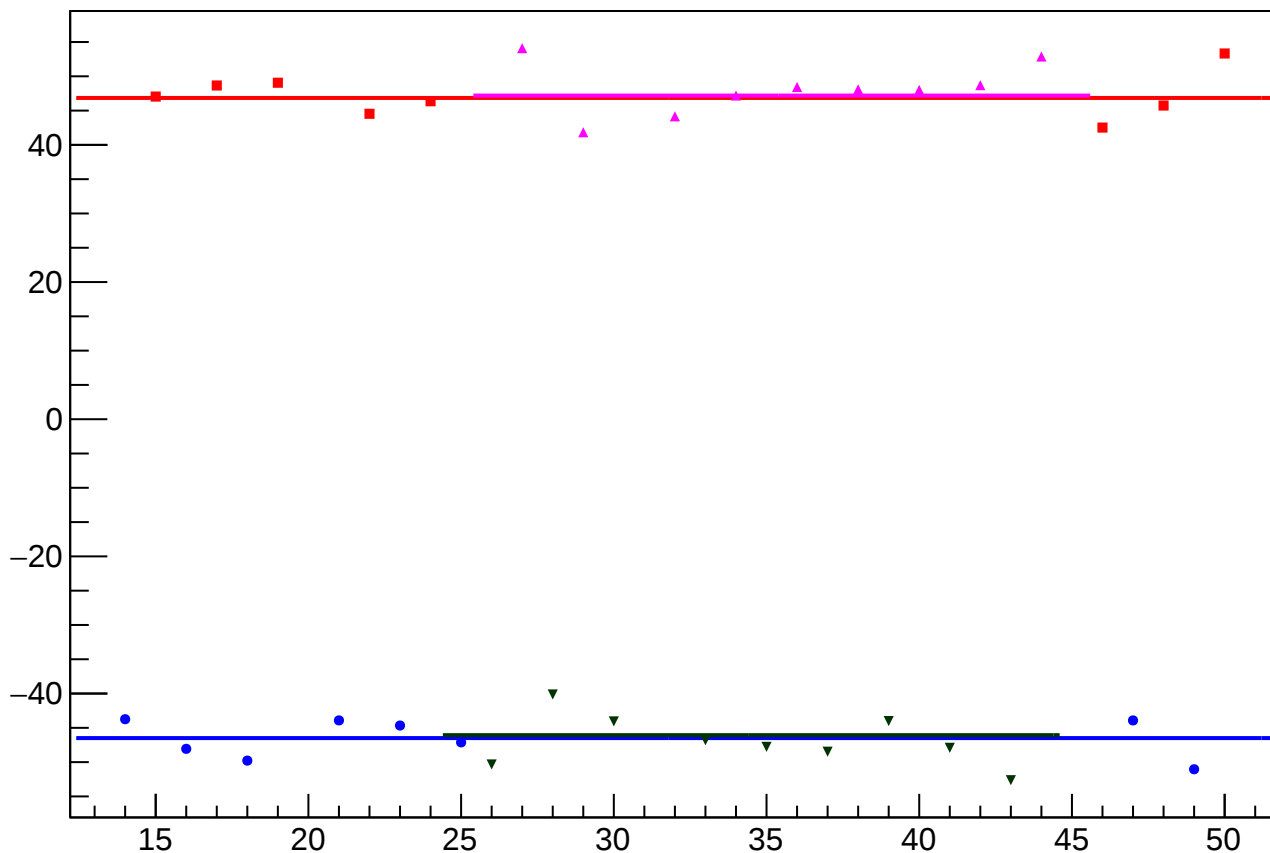
Left Out: 3.939 ± 0.130 $\chi^2/\text{NDF}: 350.7/8$

Right Out: -2.288 ± 0.143 $\chi^2/\text{NDF}: 128.4/7$

Left In: -2.653 ± 0.112 $\chi^2/\text{NDF}: 276.7/8$

0.475 ± 0.063 $\chi^2/\text{NDF}: 3174.0/33$

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -46.495+/-0.025 χ^2/NDF : 14030.1/7

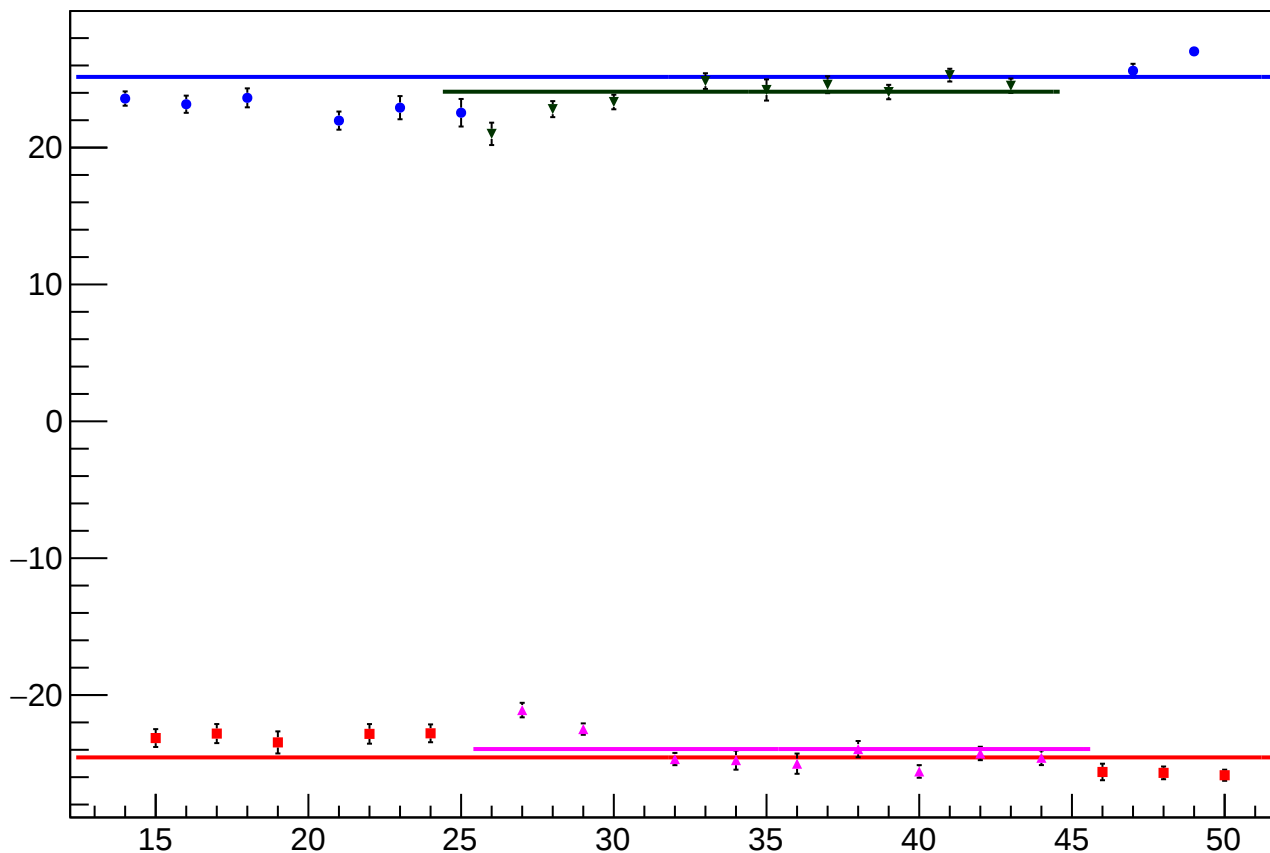
Left Out: -46.065+/-0.024 χ^2/NDF : 24343.4/8

Right Out: 46.845+/-0.026 χ^2/NDF : 12968.9/7

Left In: 47.193+/-0.023 χ^2/NDF : 27379.6/8

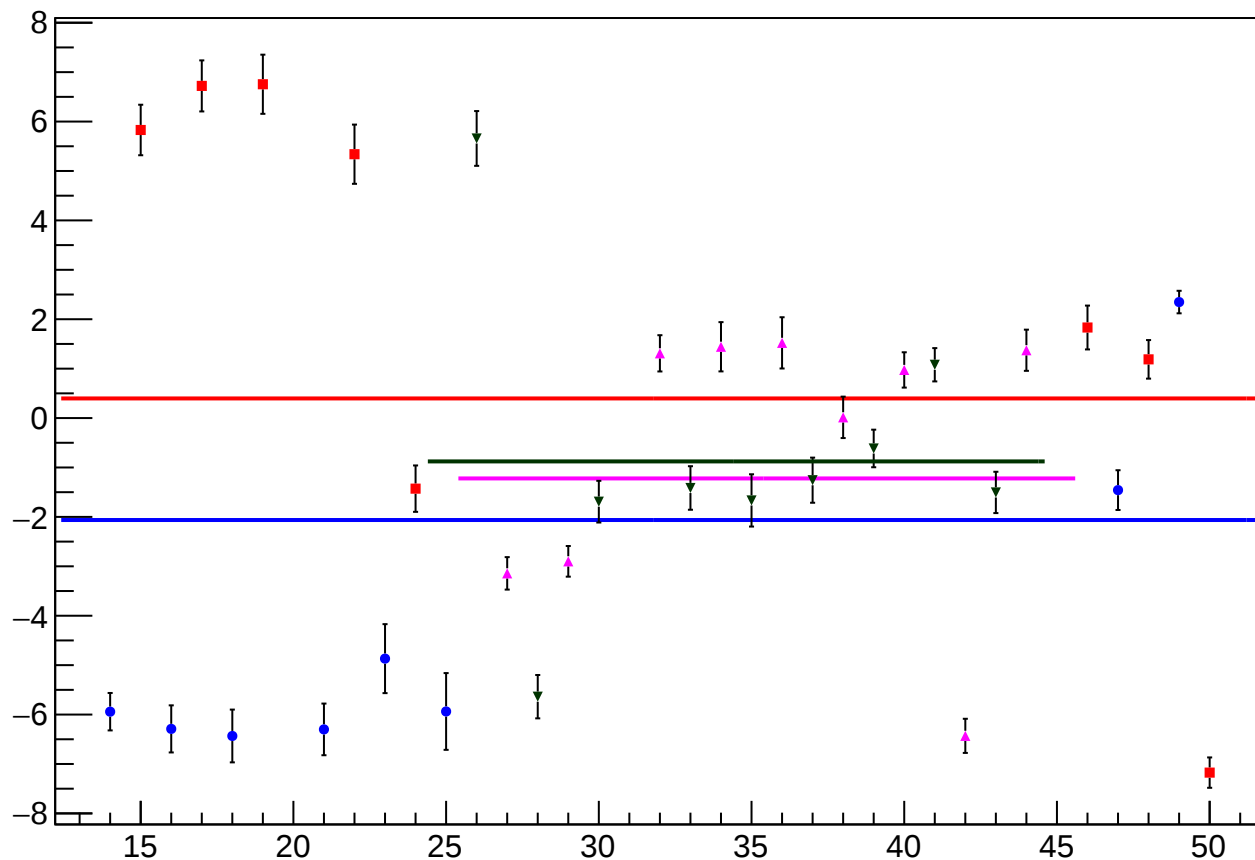
-0.226+/-0.012 χ^2/NDF : 14666585.4/33

reg_asym_us_dd_diff_bpm4aX_slope vs slug



0.308 $\pm$ 0.093 χ^2/NDF : 68655.3/33

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -2.063 ± 0.145 χ^2/NDF : 734.1/7

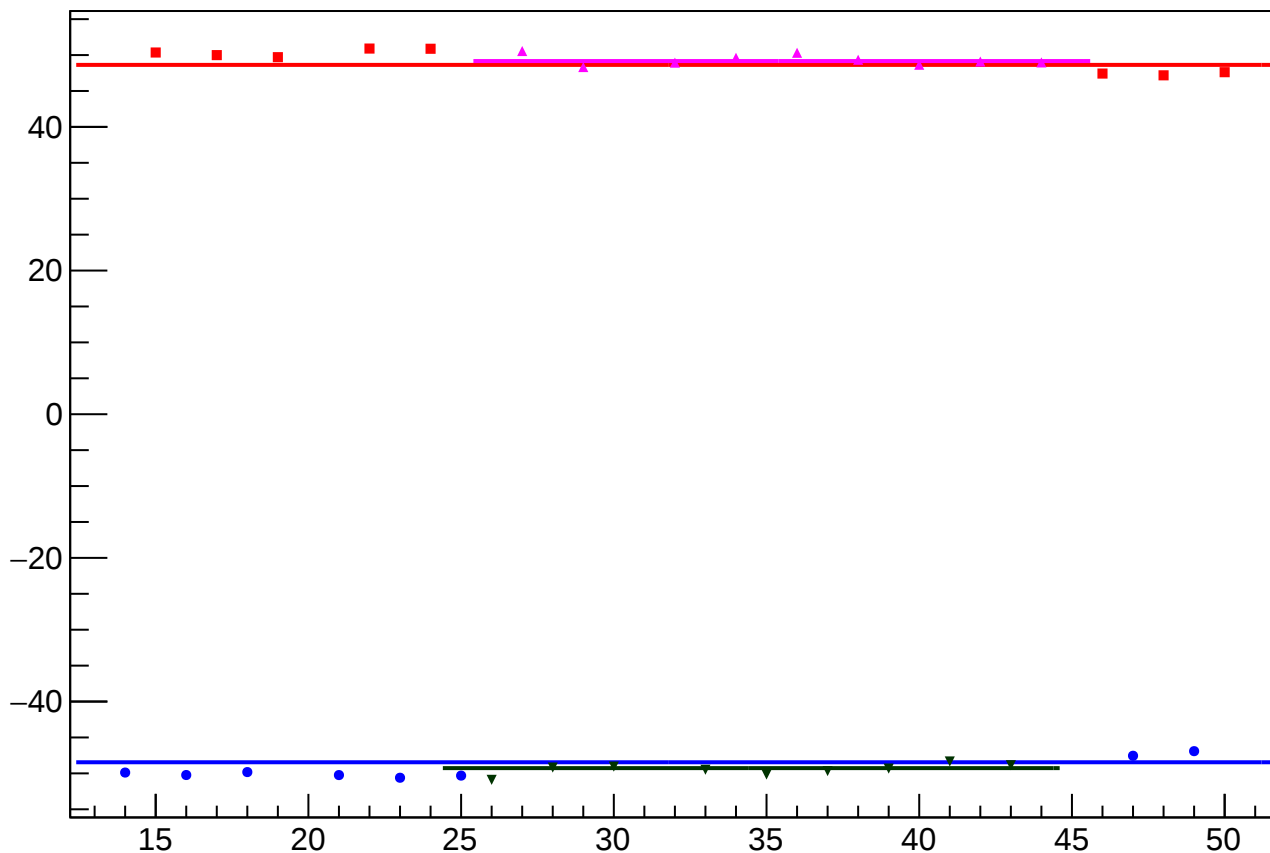
Left Out: -0.877 ± 0.143 χ^2/NDF : 301.4/8

Right Out: 0.397 ± 0.158 χ^2/NDF : 1080.9/7

Left In: -1.222 ± 0.126 χ^2/NDF : 480.3/8

-1.014 ± 0.071 χ^2/NDF : 2732.3/33

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -48.453+/-0.035 χ^2/NDF : 1945.1/7

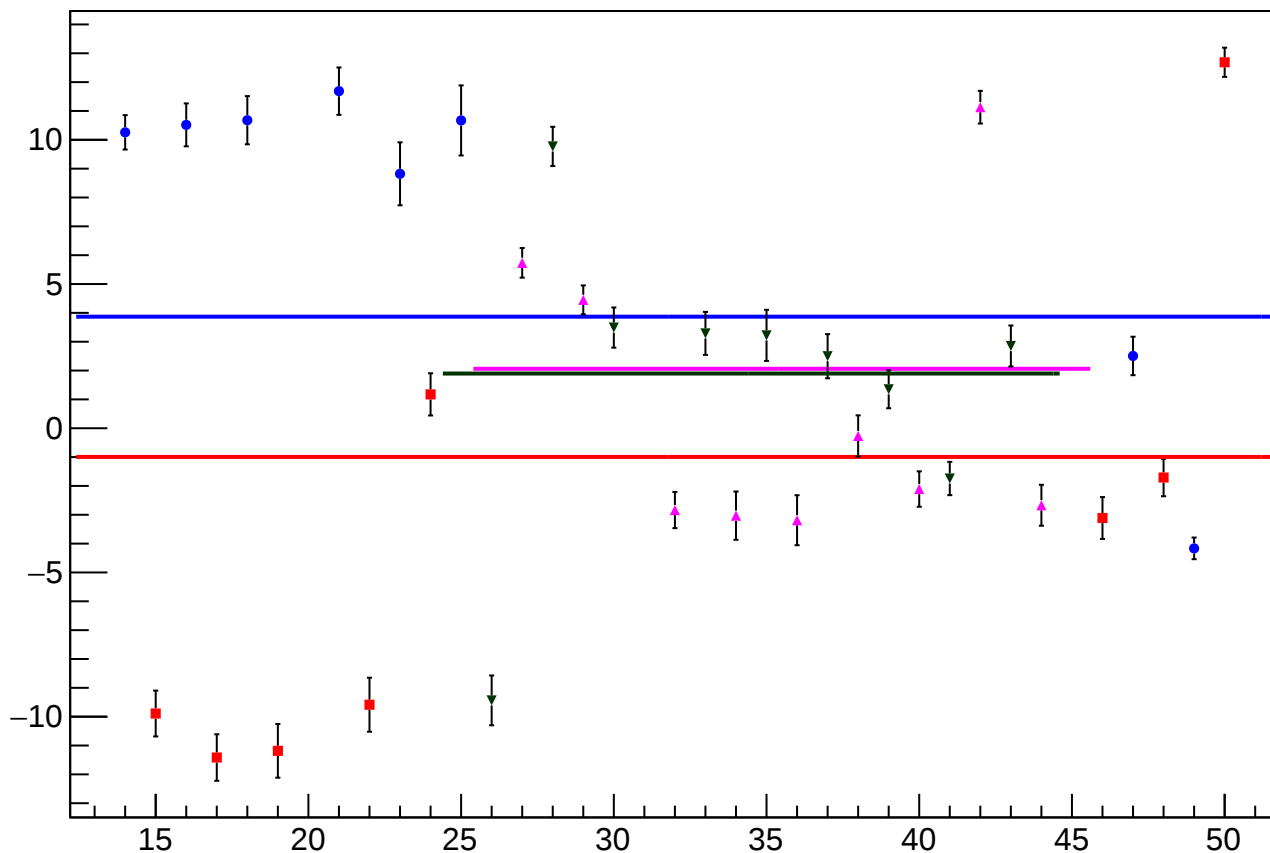
Left Out: -49.268+/-0.032 χ^2/NDF : 377.7/8

Right Out: 48.633+/-0.037 χ^2/NDF : 1627.7/7

Left In: 49.168+/-0.030 χ^2/NDF : 481.7/8

0.628+/-0.017 χ^2/NDF : 8709878.1/33

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 3.868 ± 0.233 χ^2/NDF : 866.8/7

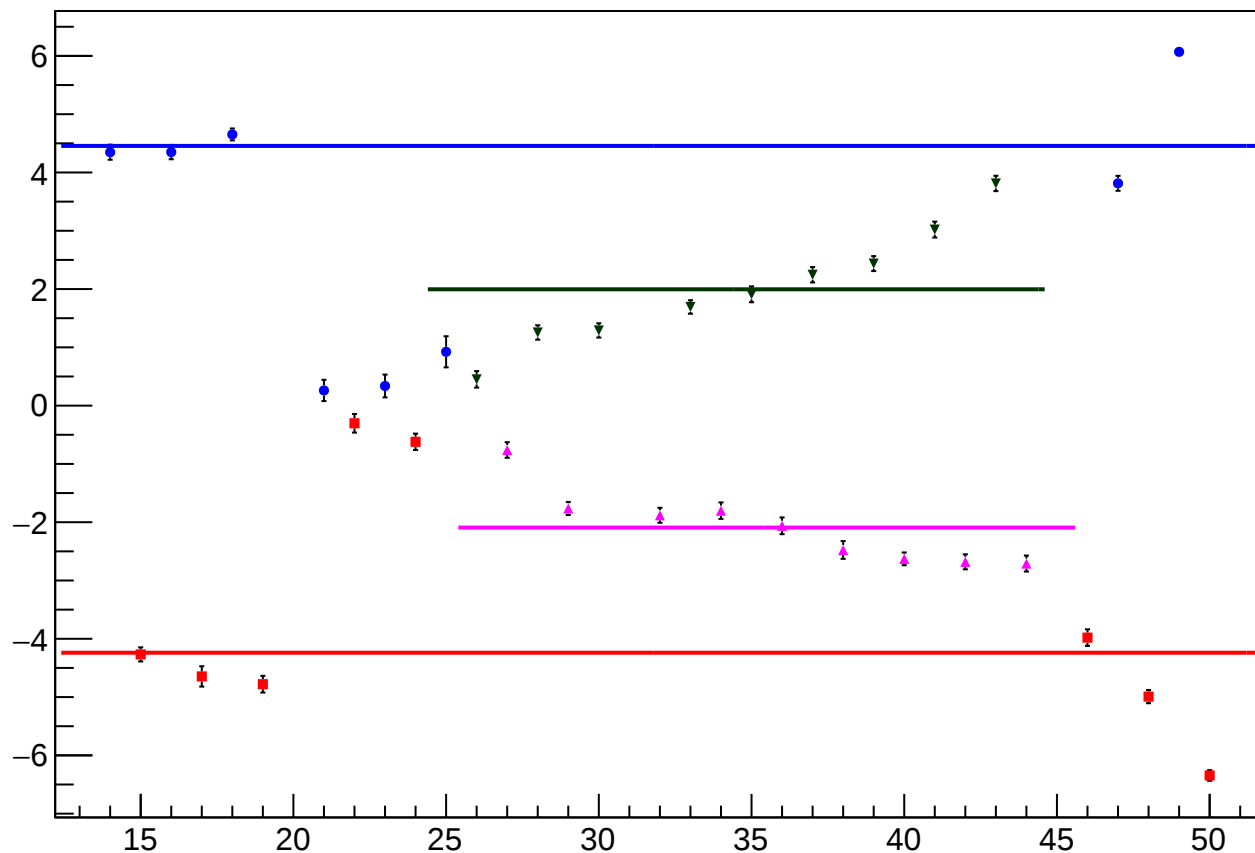
Left Out: 1.897 ± 0.238 χ^2/NDF : 359.8/8

Right Out: -0.995 ± 0.255 χ^2/NDF : 1243.4/7

Left In: 2.062 ± 0.209 χ^2/NDF : 565.8/8

1.835 ± 0.116 χ^2/NDF : 3236.7/33

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 4.456+/-0.043 χ^2/NDF : 1687.4/7

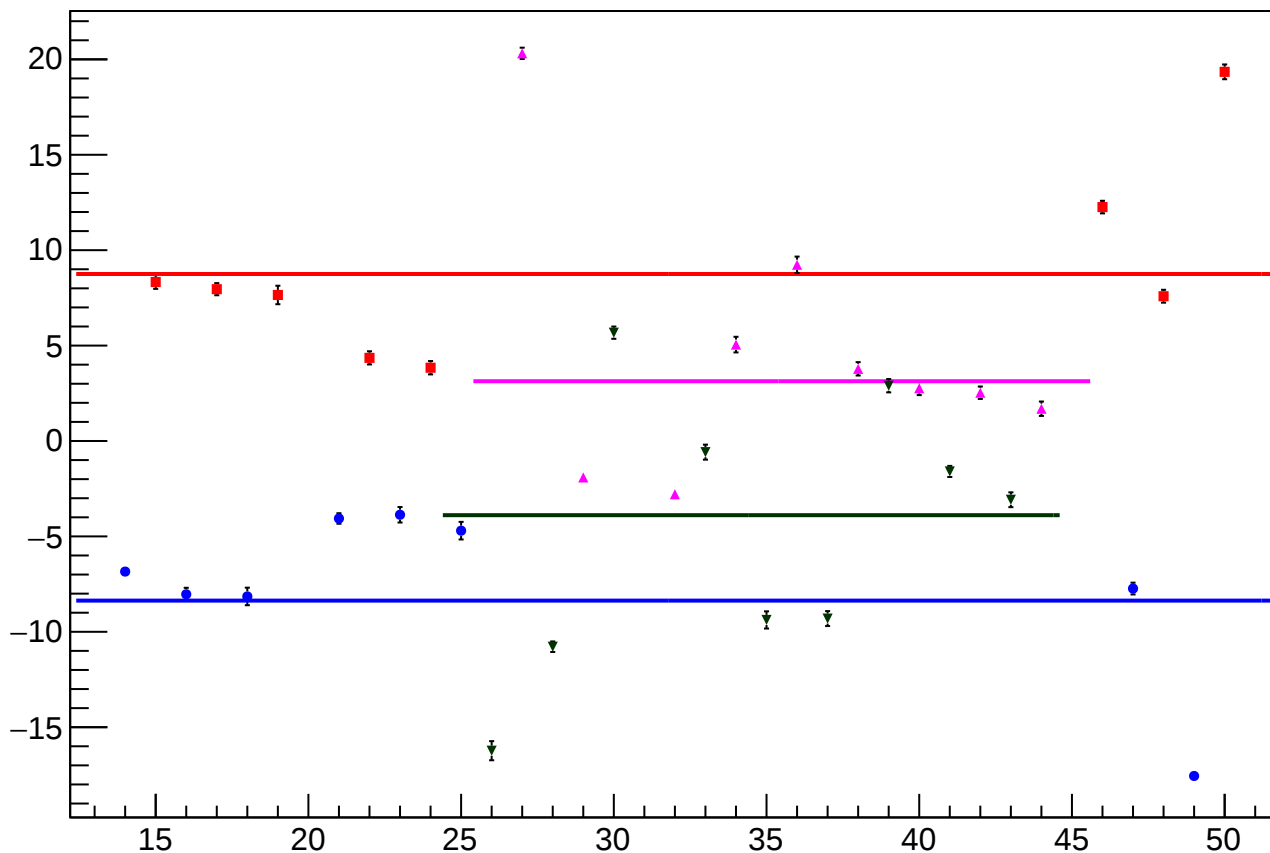
Left Out: 1.996+/-0.043 χ^2/NDF : 455.9/8

Right Out: -4.239+/-0.045 χ^2/NDF : 1869.6/7

Left In: -2.092+/-0.043 χ^2/NDF : 185.6/8

0.160+/-0.022 χ^2/NDF : 28226.6/33

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -8.365+/-0.109 χ^2/NDF : 1798.1/7

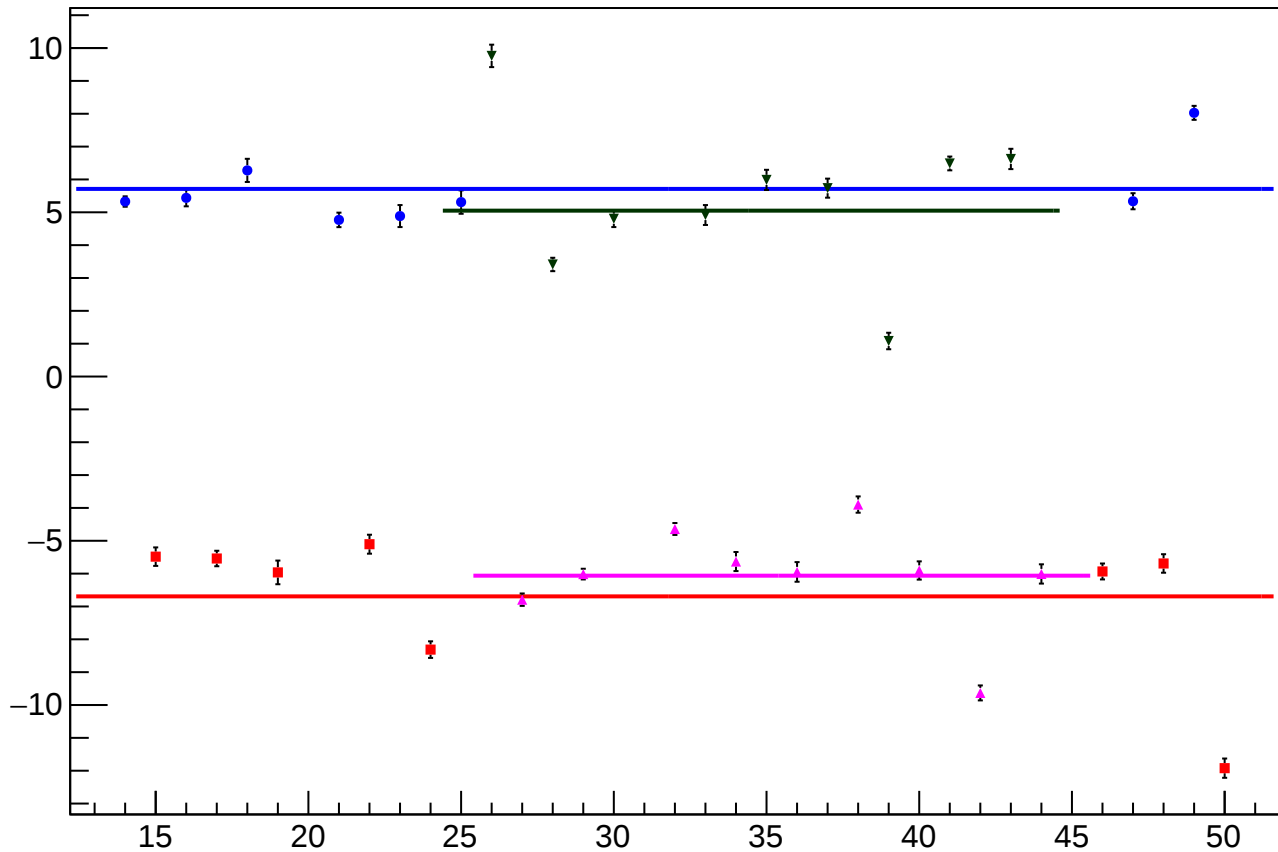
Left Out: -3.888+/-0.118 χ^2/NDF : 2967.8/8

Right Out: 8.752+/-0.126 χ^2/NDF : 1244.5/7

Left In: 3.132+/-0.102 χ^2/NDF : 4858.8/8

-0.406+/-0.056 χ^2/NDF : 23565.8/33

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.712 ± 0.085 $\chi^2/\text{NDF}: 156.0/7$

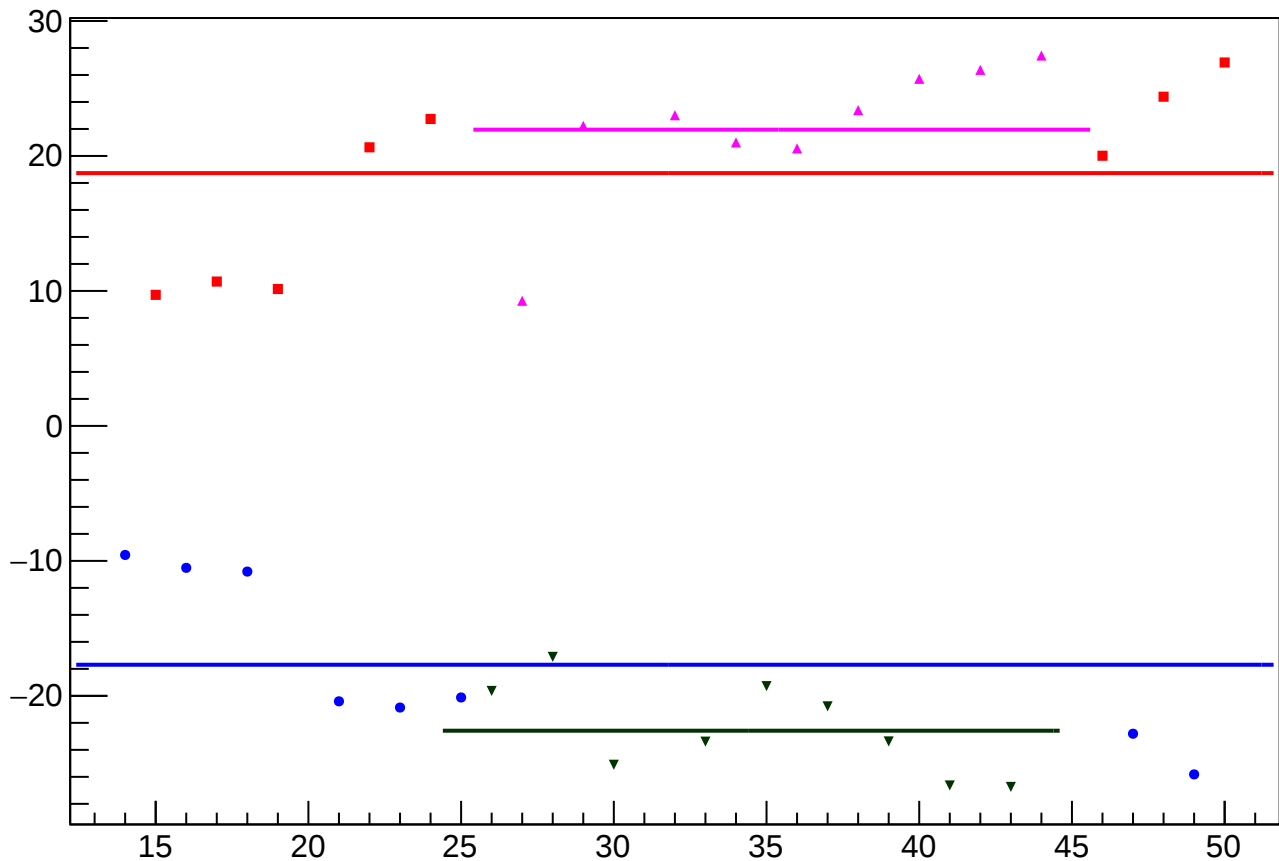
Left Out: 5.050 ± 0.088 $\chi^2/\text{NDF}: 593.0/8$

Right Out: -6.693 ± 0.097 $\chi^2/\text{NDF}: 458.3/7$

Left In: -6.062 ± 0.075 $\chi^2/\text{NDF}: 400.5/8$

-0.630 ± 0.042 $\chi^2/\text{NDF}: 20649.3/33$

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -17.695+/-0.020 χ^2/NDF : 94762.4/7

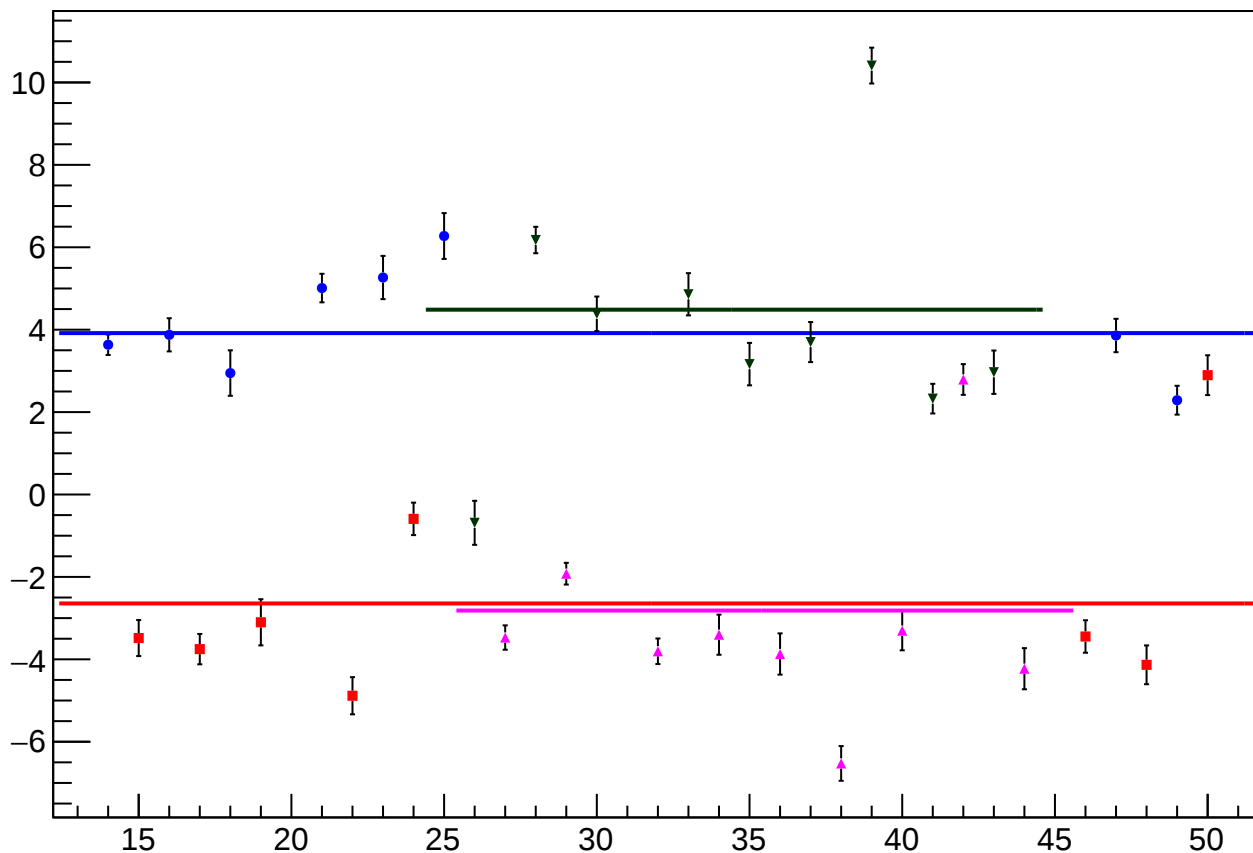
Left Out: -22.582+/-0.020 χ^2/NDF : 29955.2/8

Right Out: 18.730+/-0.023 χ^2/NDF : 68127.9/7

Left In: 21.949+/-0.017 χ^2/NDF : 78860.8/8

0.885+/-0.010 χ^2/NDF : 4597903.2/33

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 3.917 ± 0.135 χ^2/NDF : 60.6/7

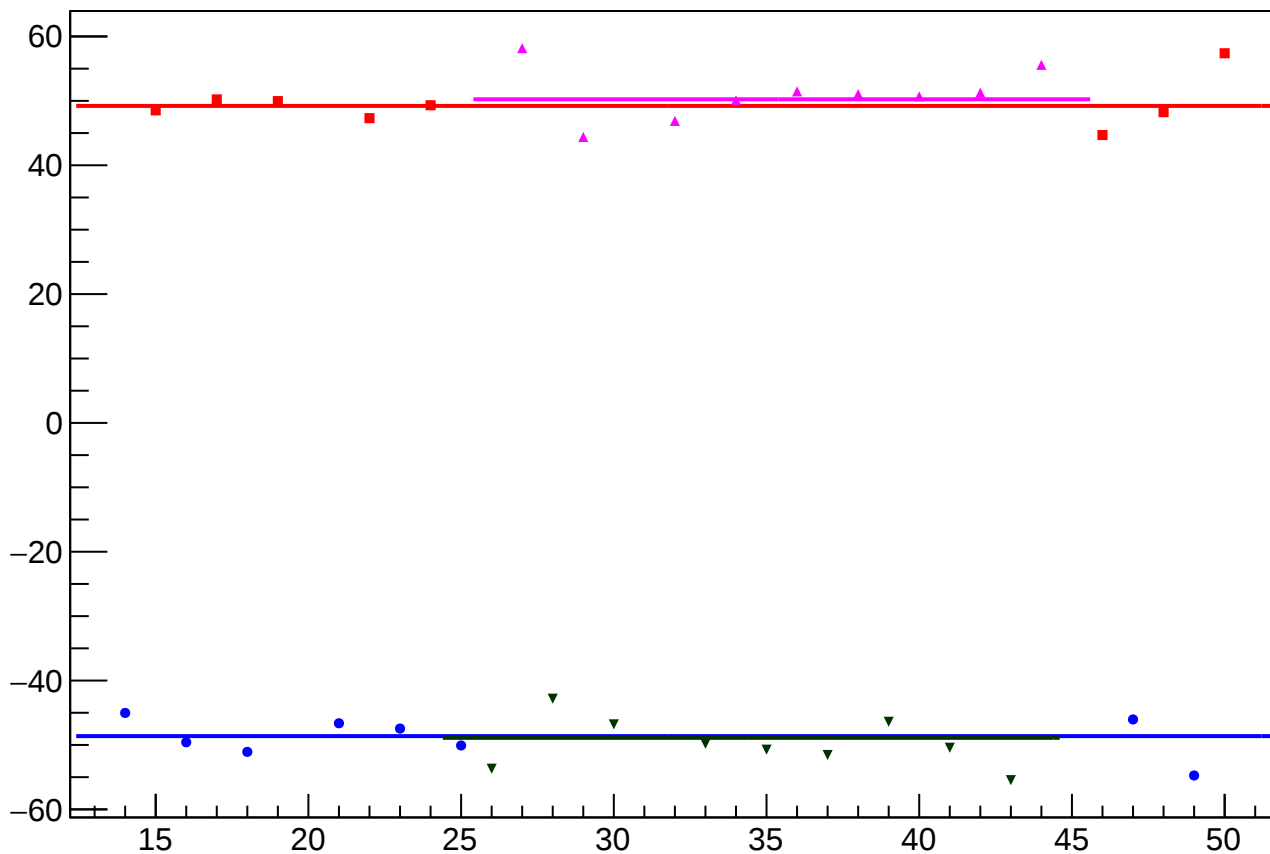
Left Out: 4.486 ± 0.145 χ^2/NDF : 361.5/8

Right Out: -2.644 ± 0.154 χ^2/NDF : 210.5/7

Left In: -2.816 ± 0.123 χ^2/NDF : 345.0/8

0.624 ± 0.069 χ^2/NDF : 3509.4/33

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -48.627+/-0.026 χ^2/NDF : 16097.1/7

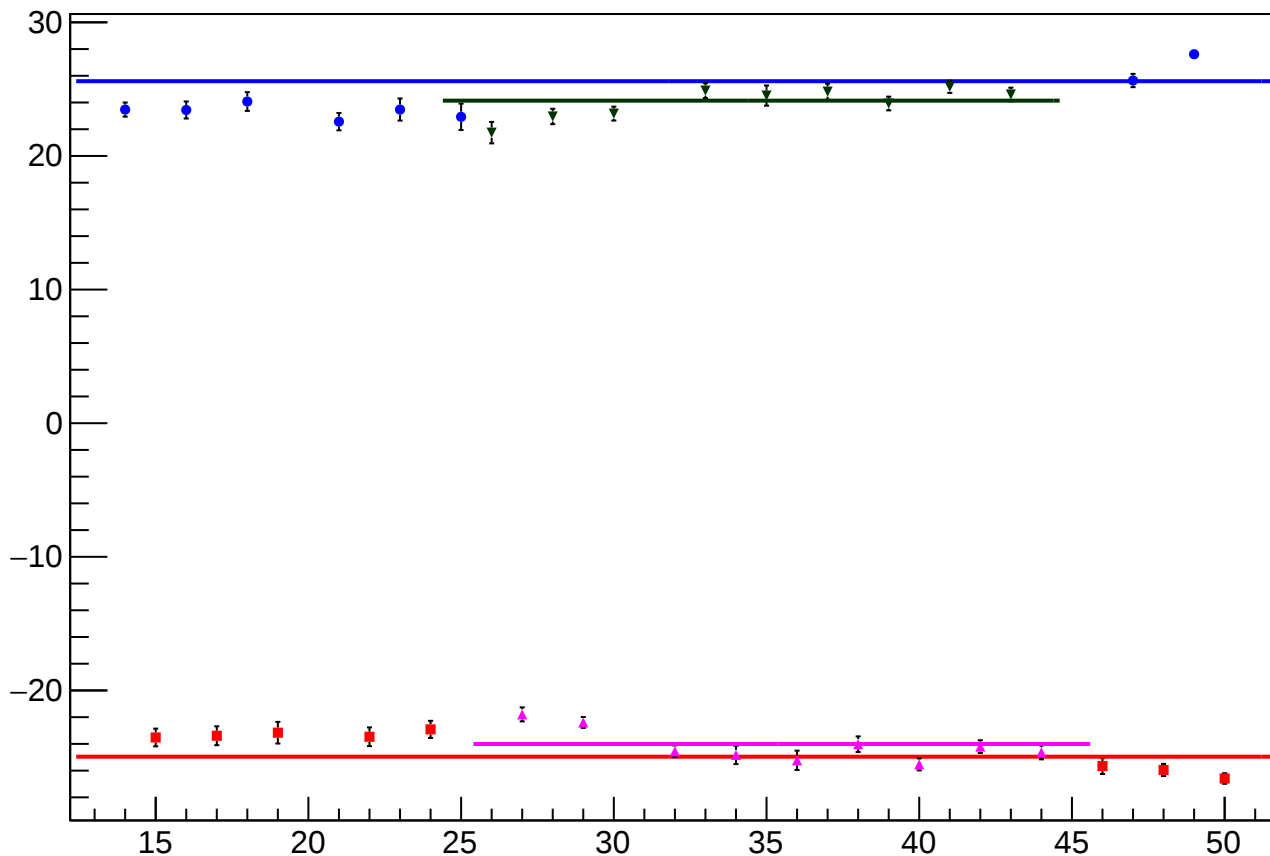
Left Out: -48.894+/-0.027 χ^2/NDF : 21073.6/8

Right Out: 49.216+/-0.028 χ^2/NDF : 13196.6/7

Left In: 50.244+/-0.026 χ^2/NDF : 27248.9/8

-0.230+/-0.013 χ^2/NDF : 13721165.6/33

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 25.595+/-0.179 χ^2/NDF : 125.8/7

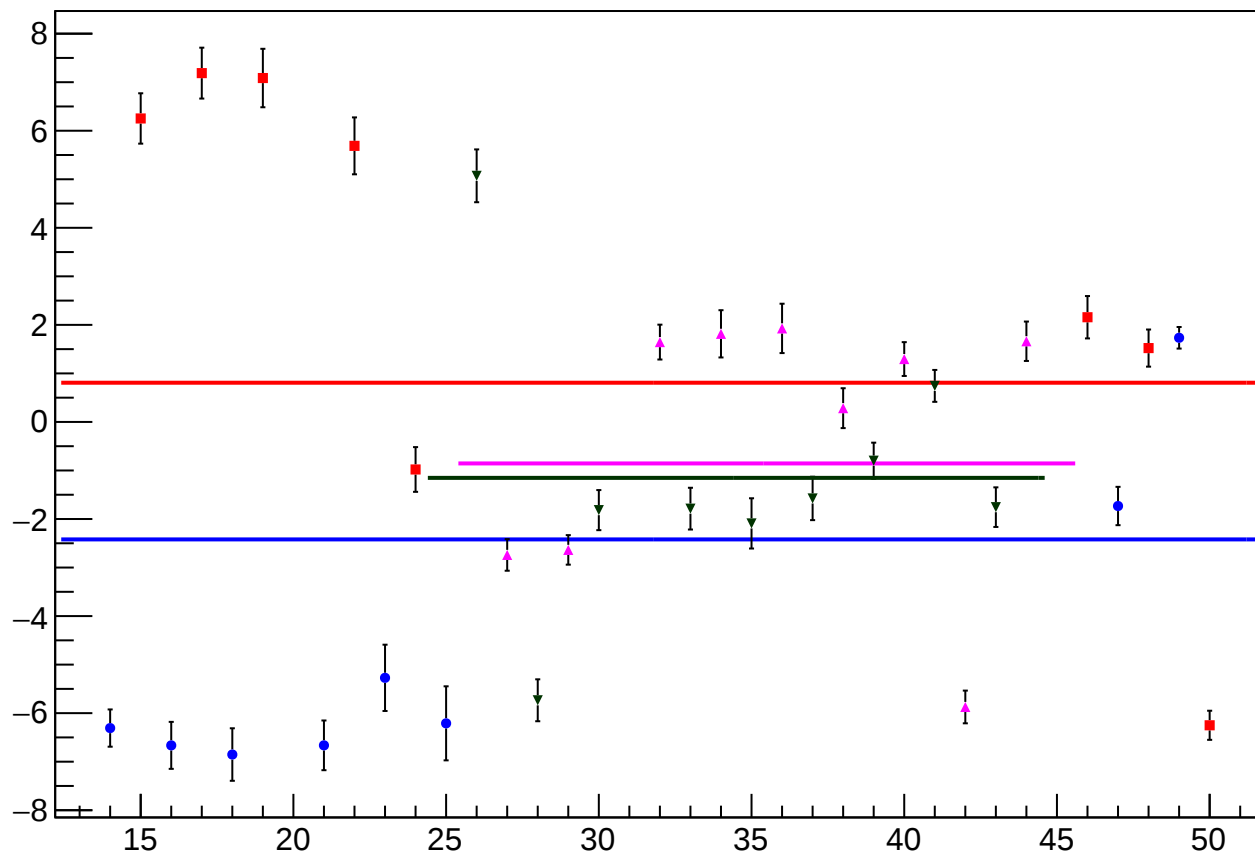
Left Out: 24.140+/-0.188 χ^2/NDF : 26.0/8

0.324+/-0.092 χ^2/NDF : 72421.1/33

Right Out: -24.959+/-0.203 χ^2/NDF : 52.4/7

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 $\chi^2/\text{NDF}: 709.4/7$

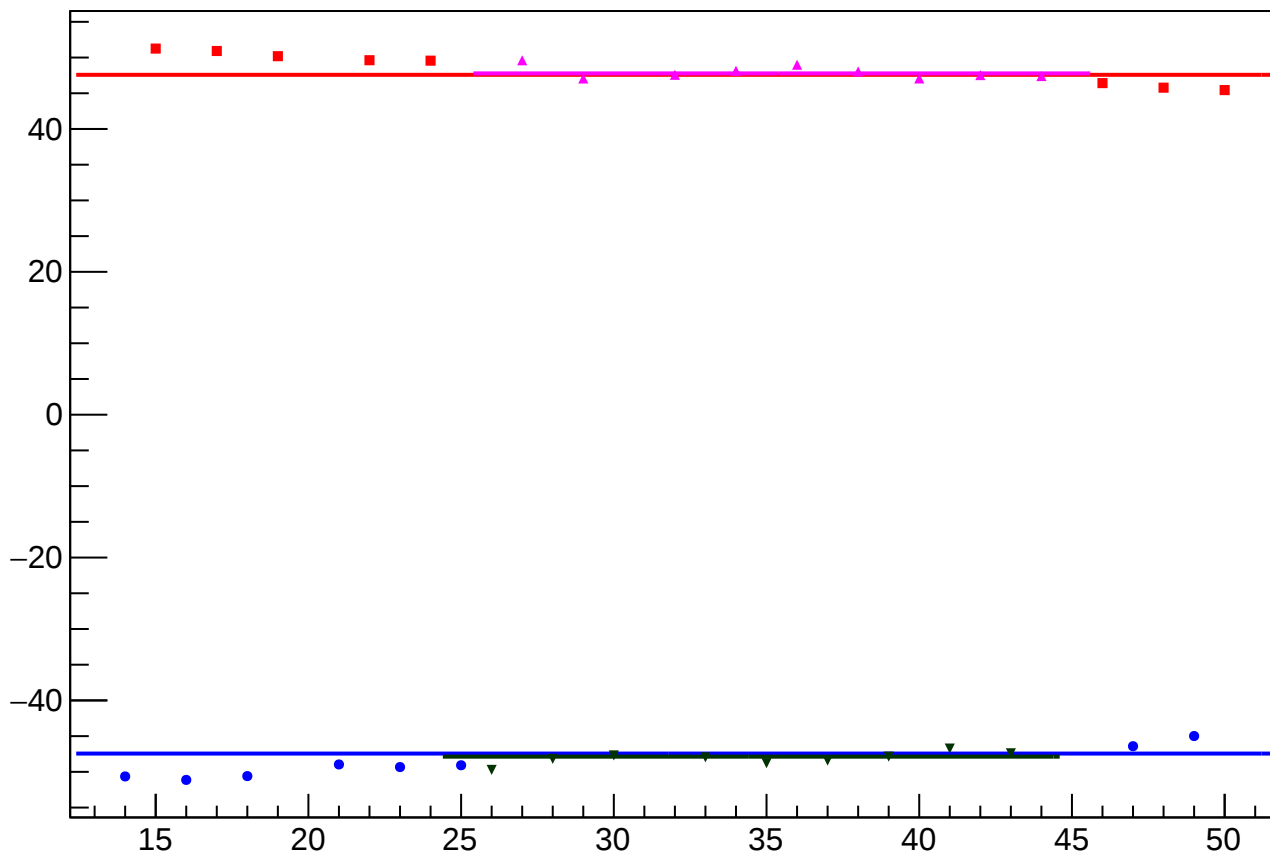
Left Out: -1.152 ± 0.140 $\chi^2/\text{NDF}: 288.7/8$

Right Out: 0.808 ± 0.156 $\chi^2/\text{NDF}: 1018.0/7$

Left In: -0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.969 ± 0.070 $\chi^2/\text{NDF}: 2732.8/33$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -47.440 $\pm$ 0.034 χ^2 /NDF: 5001.9/7

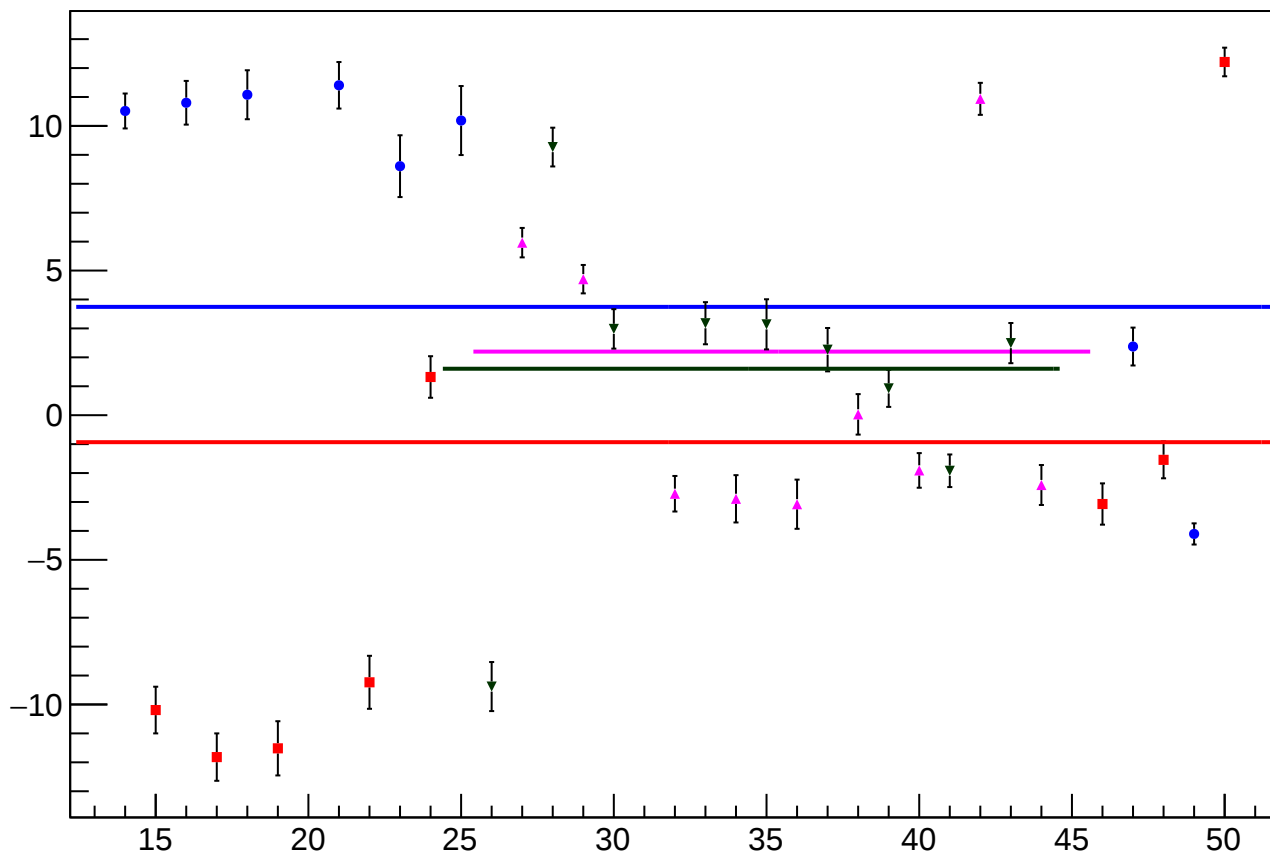
Left Out: -47.875 $\pm$ 0.031 χ^2 /NDF: 531.8/8

Right Out: 47.582 $\pm$ 0.037 χ^2 /NDF: 3656.4/7

Left In: 47.781 $\pm$ 0.029 χ^2 /NDF: 693.0/8

0.609 $\pm$ 0.016 χ^2 /NDF: 8585325.1/33

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 3.745 ± 0.231 χ^2/NDF : 892.9/7

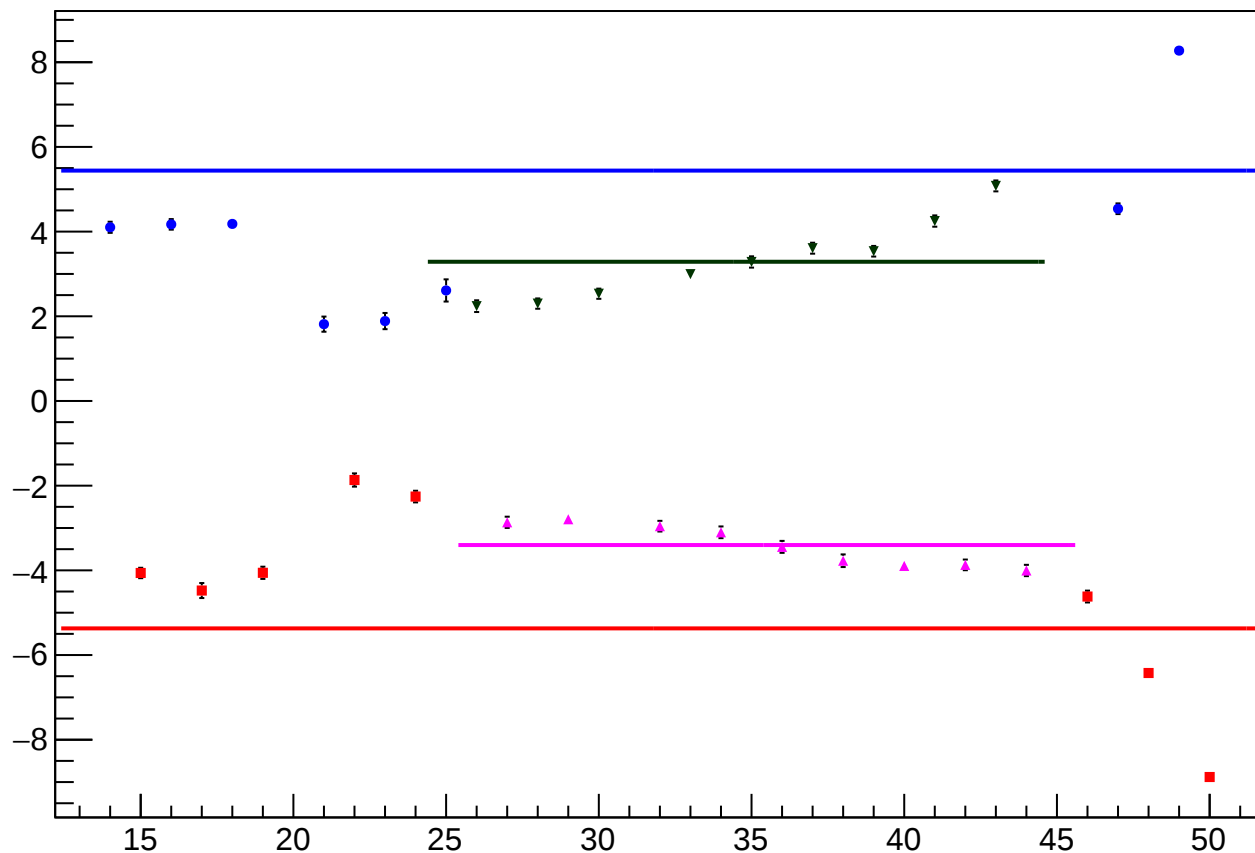
Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

Right Out: -0.933 ± 0.252 χ^2/NDF : 1243.4/7

Left In: 2.198 ± 0.205 χ^2/NDF : 572.5/8

1.791 ± 0.114 χ^2/NDF : 3255.8/33

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 5.441 $\pm$ 0.042 χ^2 /NDF: 2931.2/7

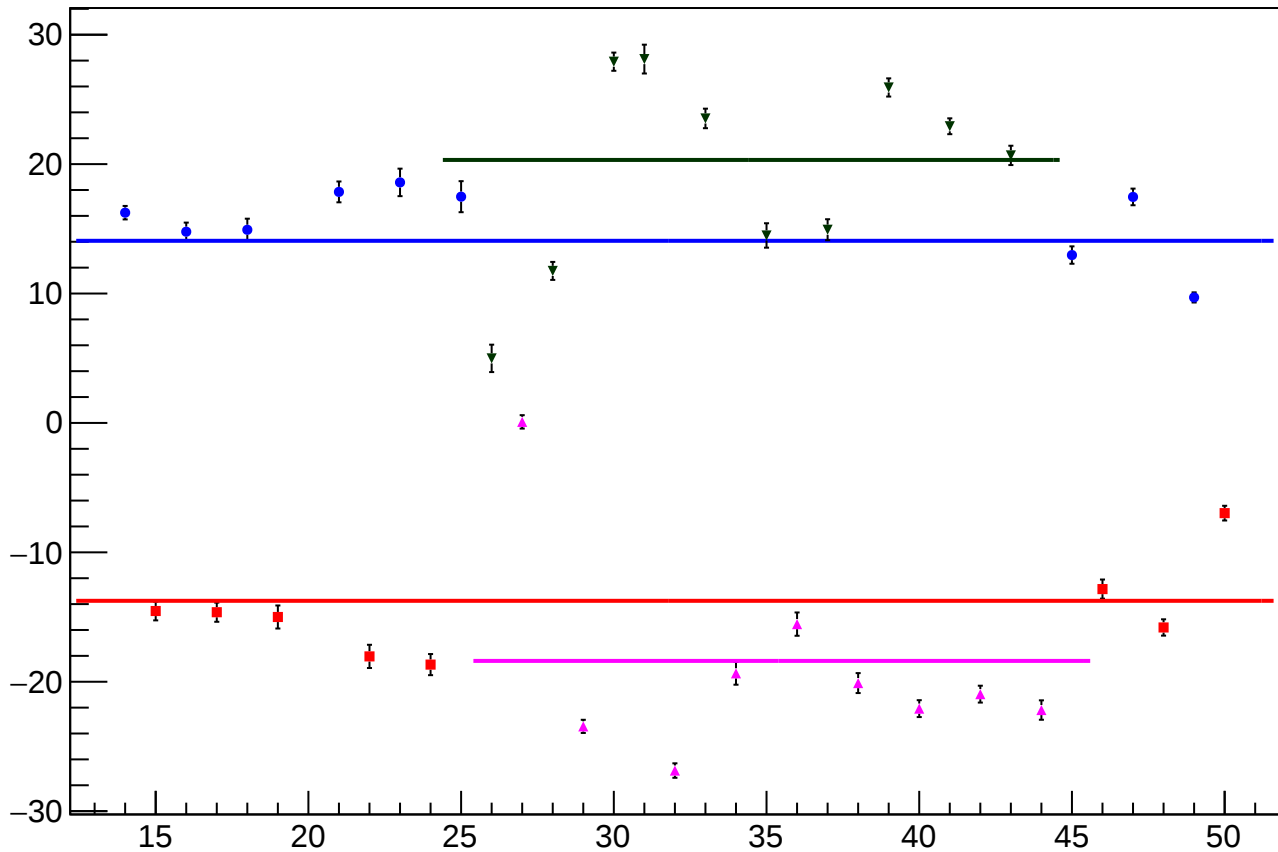
Left Out: 3.288 $\pm$ 0.042 χ^2 /NDF: 423.4/8

Right Out: -5.371 $\pm$ 0.045 χ^2 /NDF: 2895.3/7

Left In: -3.402 $\pm$ 0.042 χ^2 /NDF: 125.8/8

0.145 $\pm$ 0.021 χ^2 /NDF: 49640.9/33

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 14.074+/-0.217 χ^2/NDF : 222.8/8

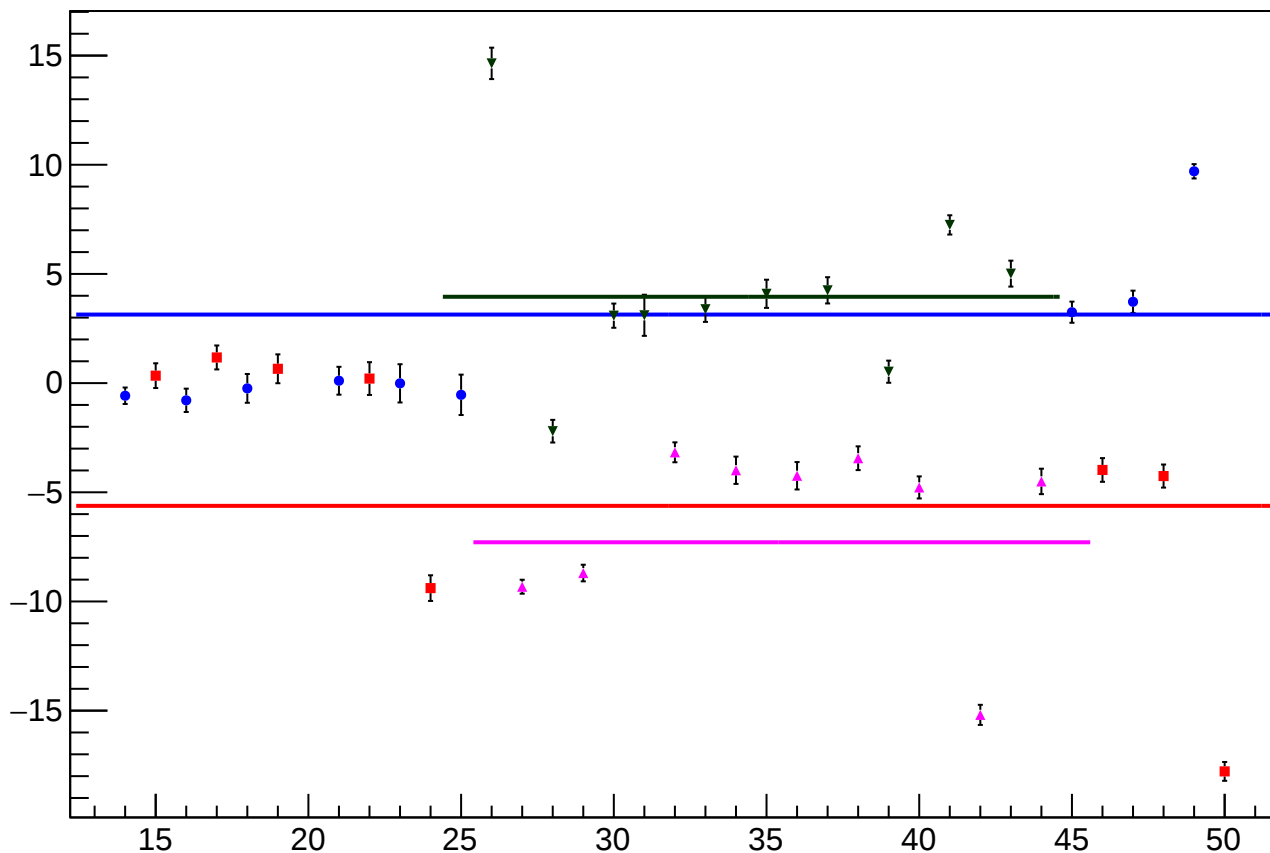
Left Out: 20.323+/-0.245 χ^2/NDF : 709.6/9

Right Out: -13.746+/-0.257 χ^2/NDF : 218.1/7

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.477+/-0.116 χ^2/NDF : 24052.3/35

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 3.139 ± 0.169 χ^2/NDF : 628.8/8

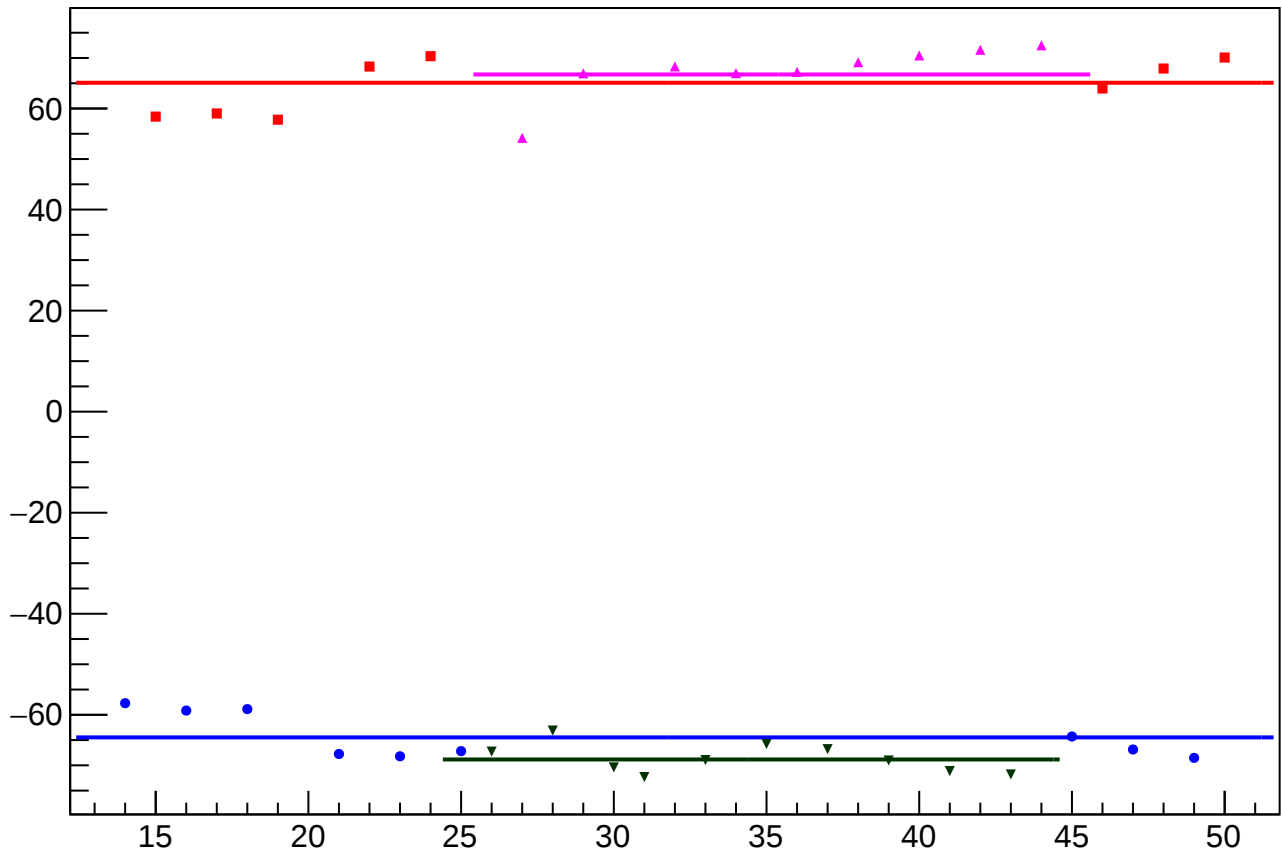
Left Out: 3.954 ± 0.183 χ^2/NDF : 470.5/9

Right Out: -5.621 ± 0.197 χ^2/NDF : 1267.3/7

Left In: -7.289 ± 0.155 χ^2/NDF : 579.9/8

-1.651 ± 0.087 χ^2/NDF : 6422.0/35

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -64.468 ± 0.040 $\chi^2/\text{NDF}: 11282.7/8$

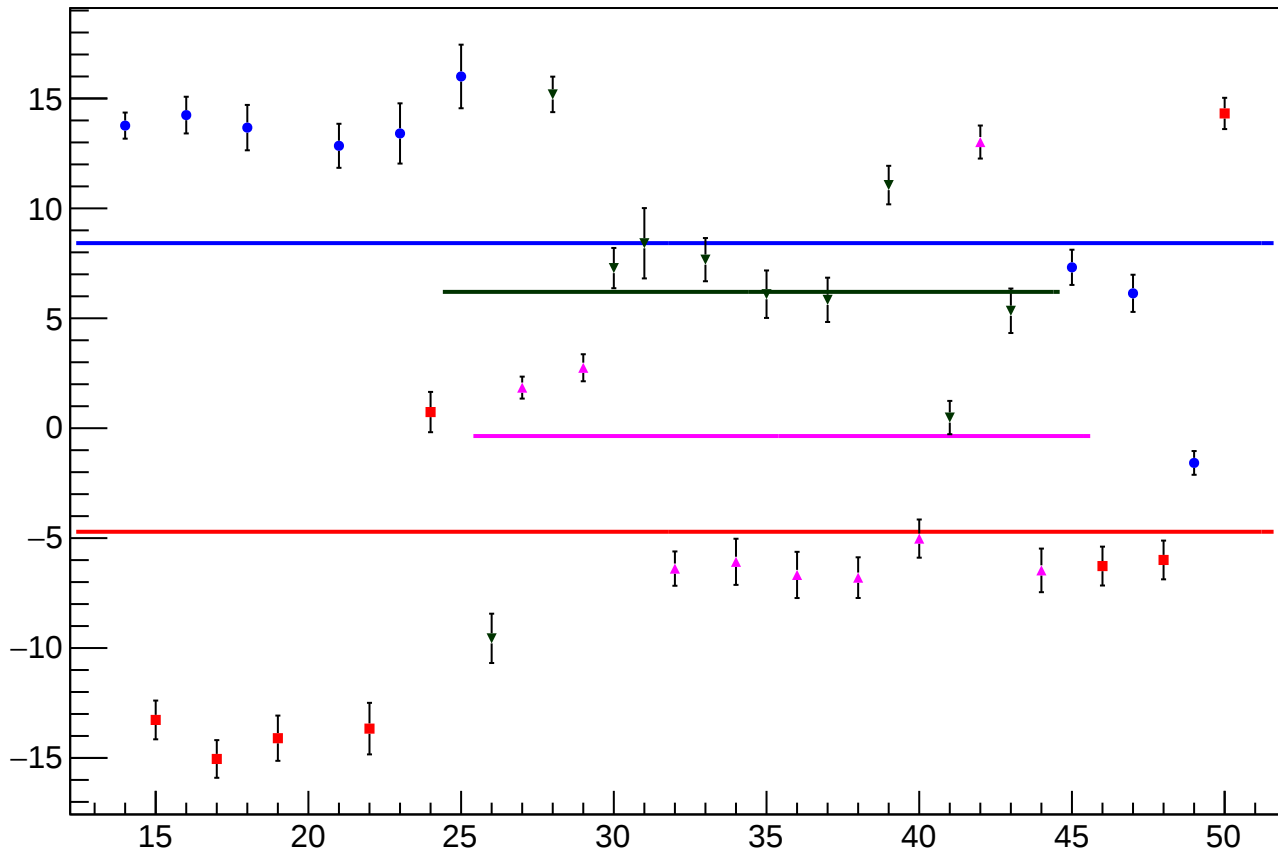
Left Out: -68.841 ± 0.040 $\chi^2/\text{NDF}: 4612.8/9$

Right Out: 65.099 ± 0.047 $\chi^2/\text{NDF}: 10204.8/7$

Left In: 66.738 ± 0.037 $\chi^2/\text{NDF}: 23839.1/8$

-1.625 ± 0.020 $\chi^2/\text{NDF}: 10624323.5/35$

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 8.419 ± 0.271 $\chi^2/\text{NDF}: 567.5/8$

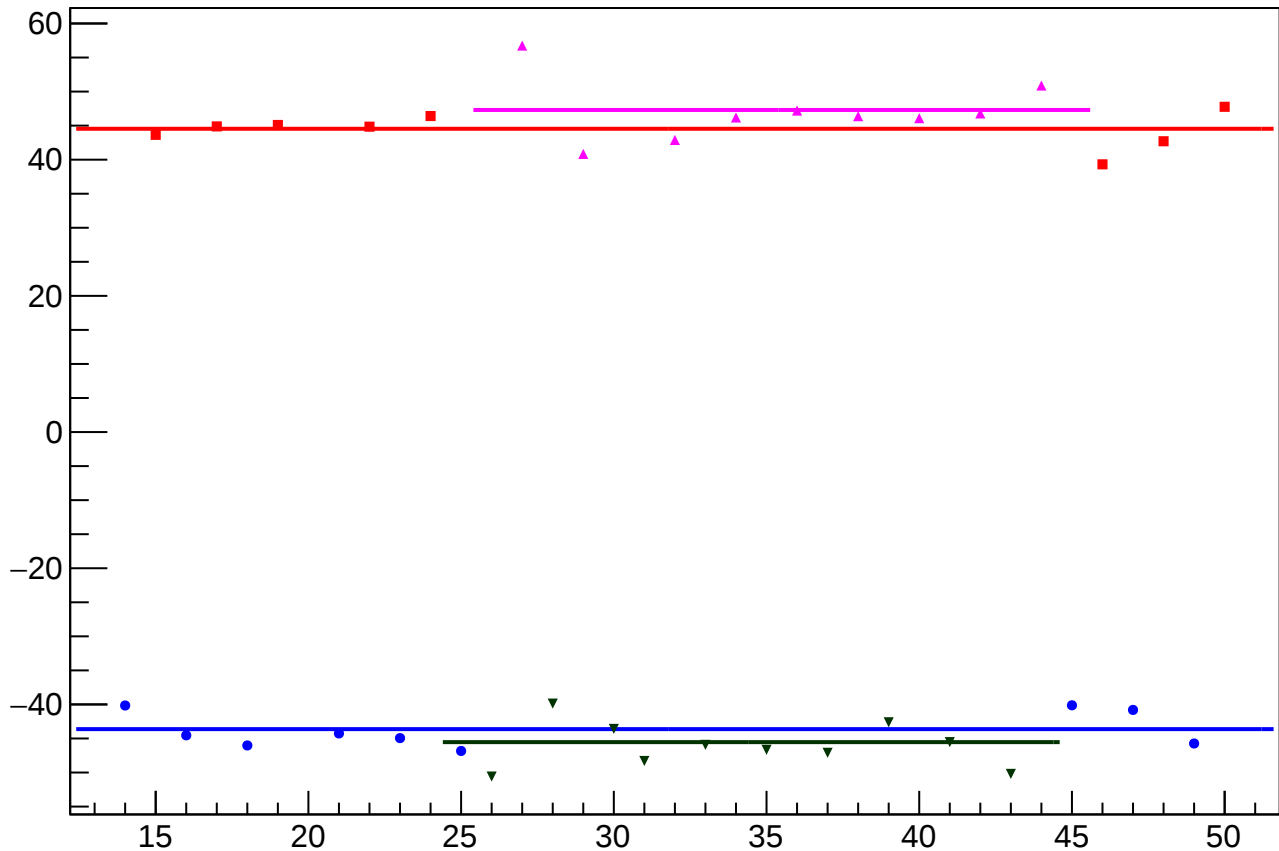
Left Out: 6.202 ± 0.304 $\chi^2/\text{NDF}: 415.3/9$

2.582 ± 0.142 $\chi^2/\text{NDF}: 3996.3/35$

Right Out: -4.711 ± 0.315 $\chi^2/\text{NDF}: 1138.2/7$

Left In: -0.356 ± 0.255 $\chi^2/\text{NDF}: 602.4/8$

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -43.625 $\pm$ 0.051 χ^2/NDF : 2425.3/8

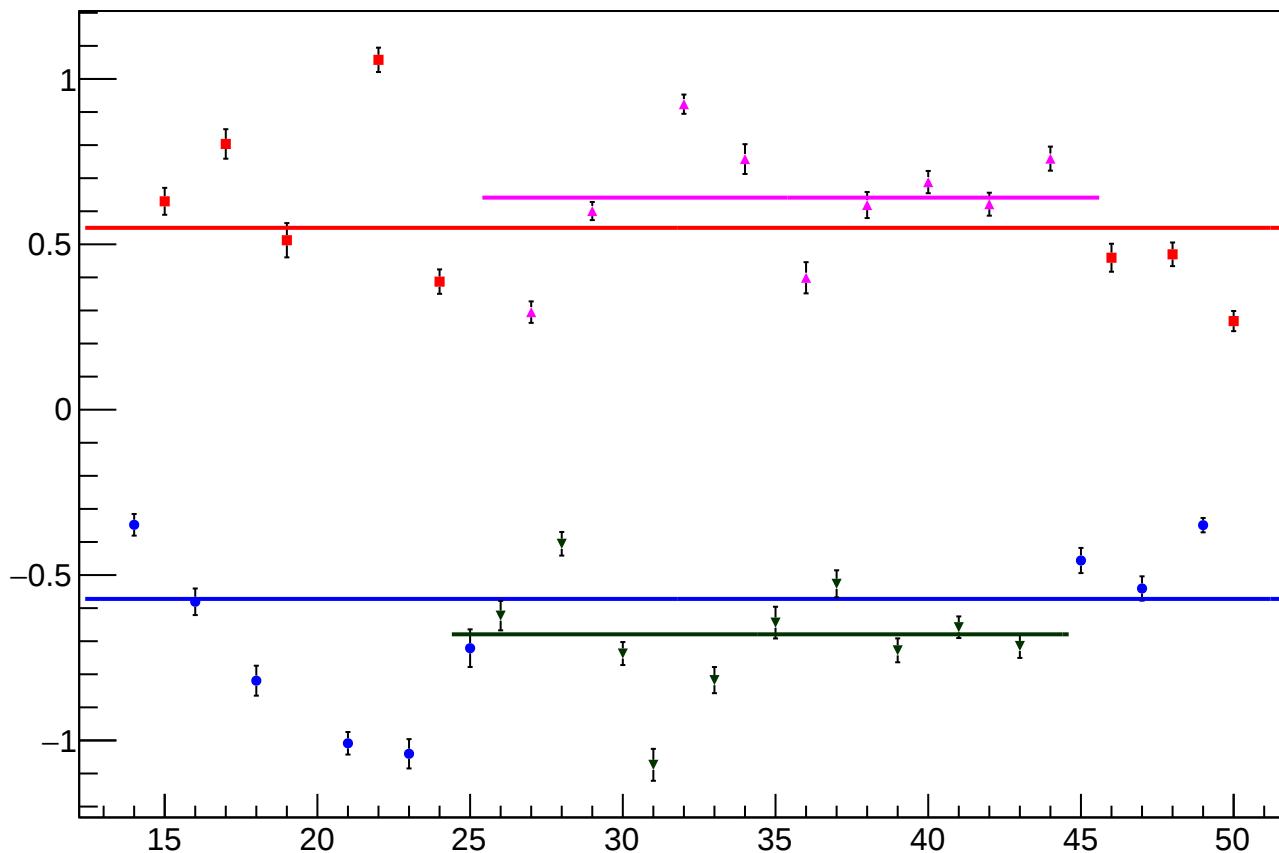
Left Out: -45.536 $\pm$ 0.055 χ^2/NDF : 3476.0/9

Right Out: 44.538 $\pm$ 0.056 χ^2/NDF : 1846.8/7

Left In: 47.301 $\pm$ 0.054 χ^2/NDF : 8552.3/8

-1.166 $\pm$ 0.027 χ^2/NDF : 2818036.4/35

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.572 ± 0.012 χ^2/NDF : 474.0/8

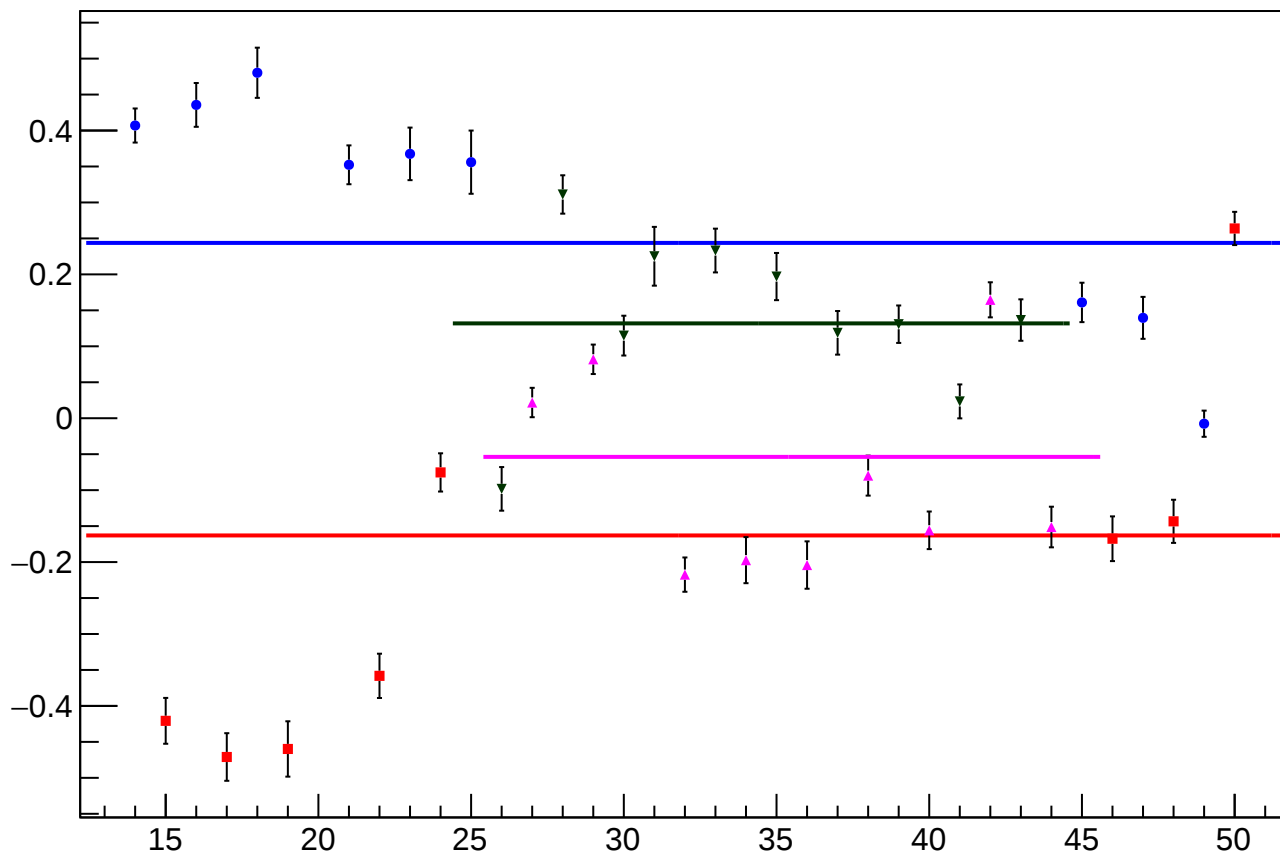
Left Out: -0.679 ± 0.012 χ^2/NDF : 159.8/9

Right Out: 0.550 ± 0.014 χ^2/NDF : 341.6/7

Left In: 0.641 ± 0.012 χ^2/NDF : 255.8/8

-0.034 ± 0.006 χ^2/NDF : 11367.1/35

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.244 ± 0.009 χ^2/NDF : 379.9/8

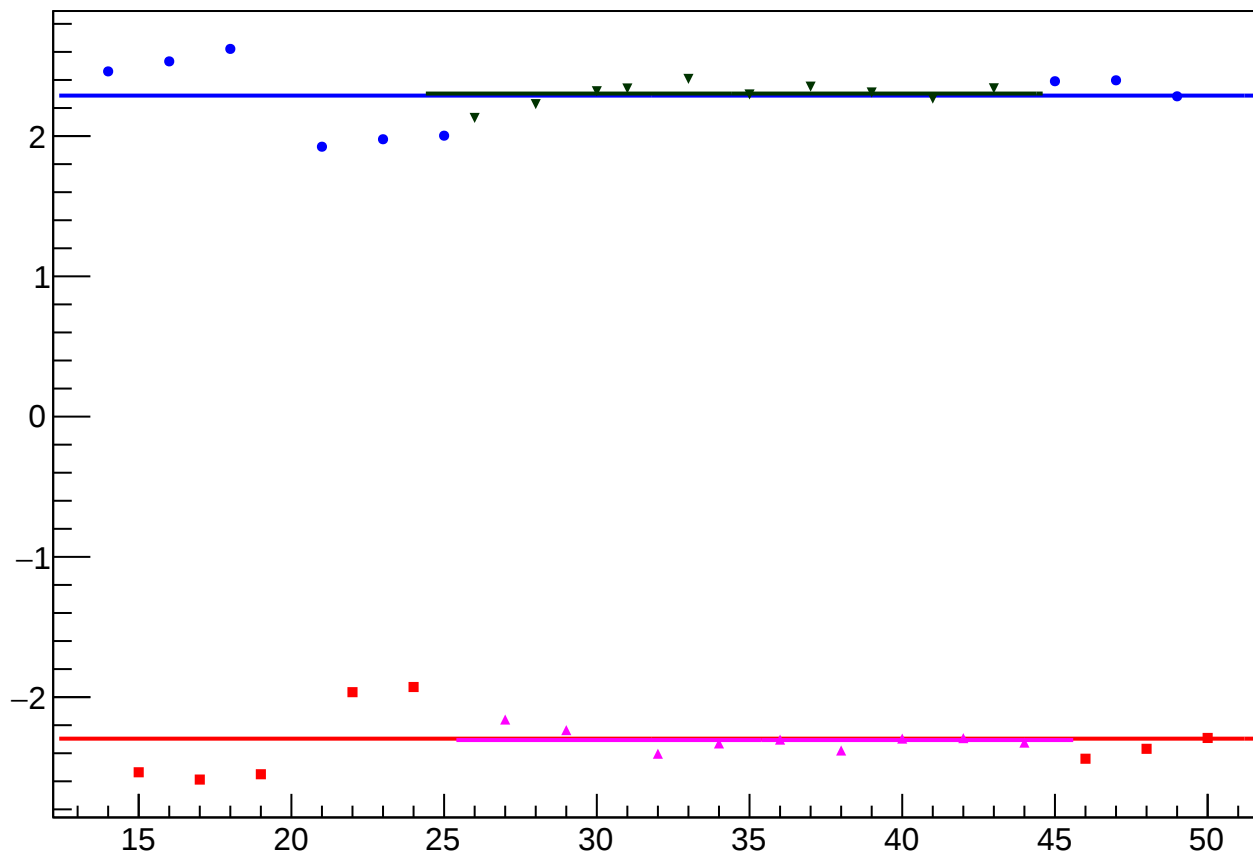
Left Out: 0.132 ± 0.009 χ^2/NDF : 144.7/9

Right Out: -0.163 ± 0.011 χ^2/NDF : 604.5/7

Left In: -0.054 ± 0.008 χ^2/NDF : 253.9/8

0.047 ± 0.005 χ^2/NDF : 2470.5/35

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.289 $\pm$ 0.002 χ^2/NDF : 9839.5/8

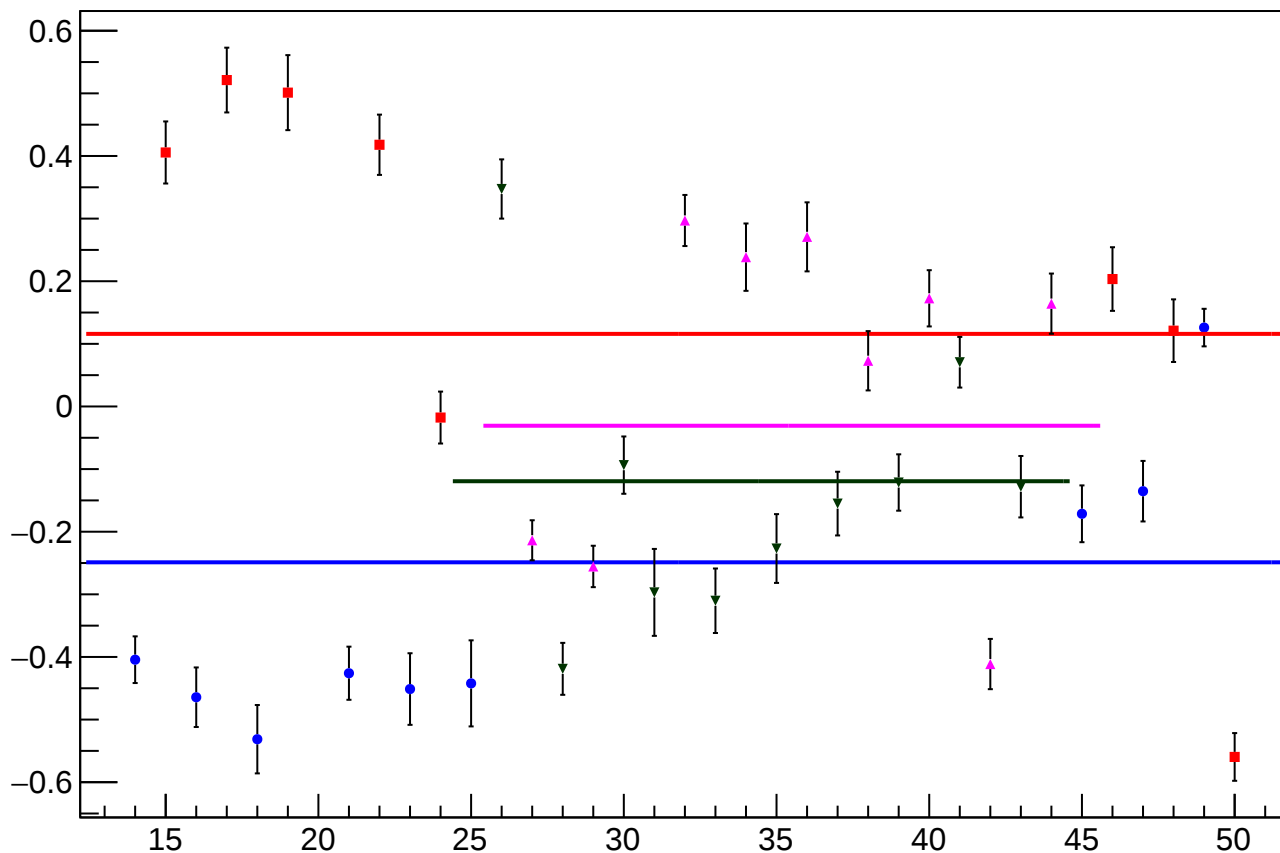
Left Out: 2.303 $\pm$ 0.002 χ^2/NDF : 1196.2/9

Right Out: -2.296 $\pm$ 0.002 χ^2/NDF : 8674.2/7

Left In: -2.306 $\pm$ 0.002 χ^2/NDF : 1460.0/8

0.111 $\pm$ 0.001 χ^2/NDF : 4650837.8/35

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.249 ± 0.015 χ^2/NDF : 267.3/8

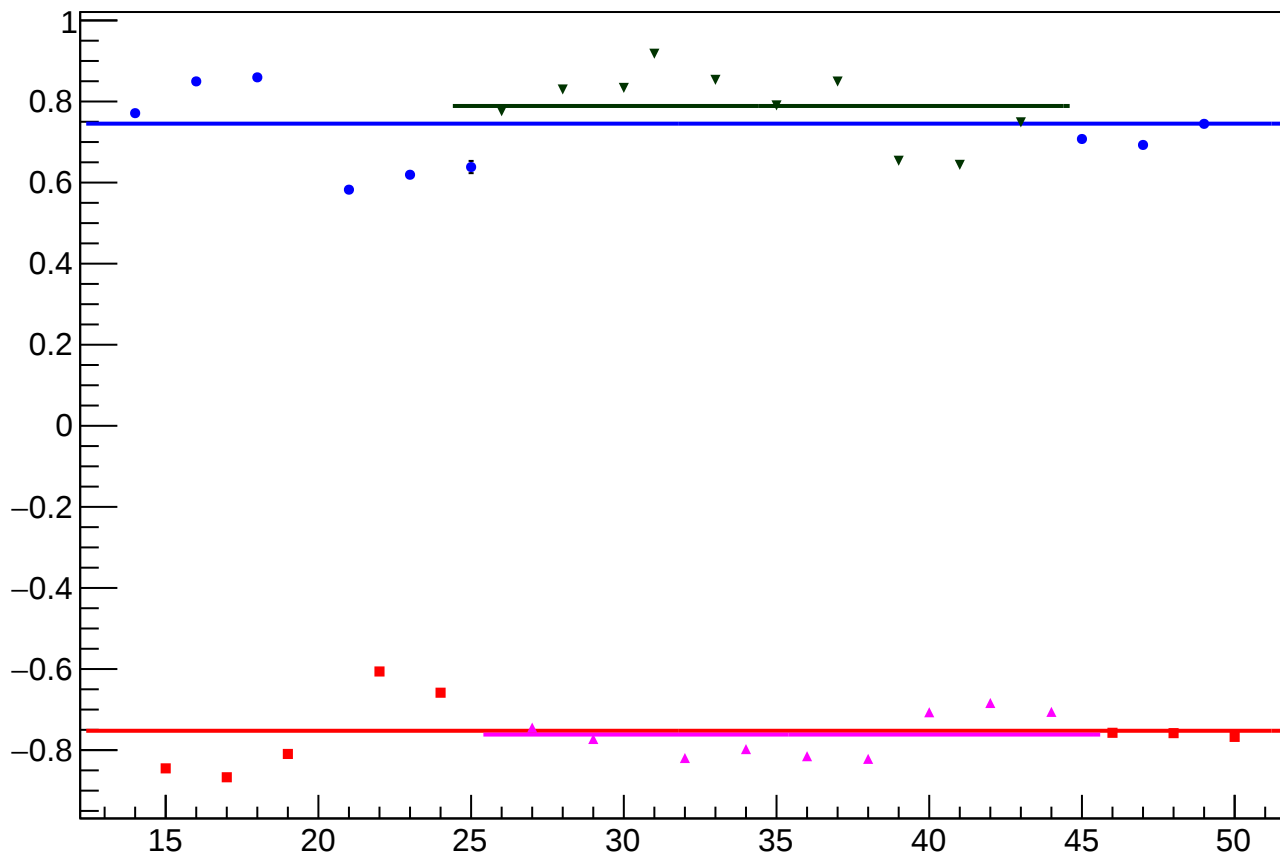
Left Out: -0.119 ± 0.015 χ^2/NDF : 196.5/9

Right Out: 0.116 ± 0.017 χ^2/NDF : 504.1/7

Left In: -0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.080 ± 0.008 χ^2/NDF : 1584.6/35

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.745 ± 0.003 $\chi^2/\text{NDF}: 1020.4/8$

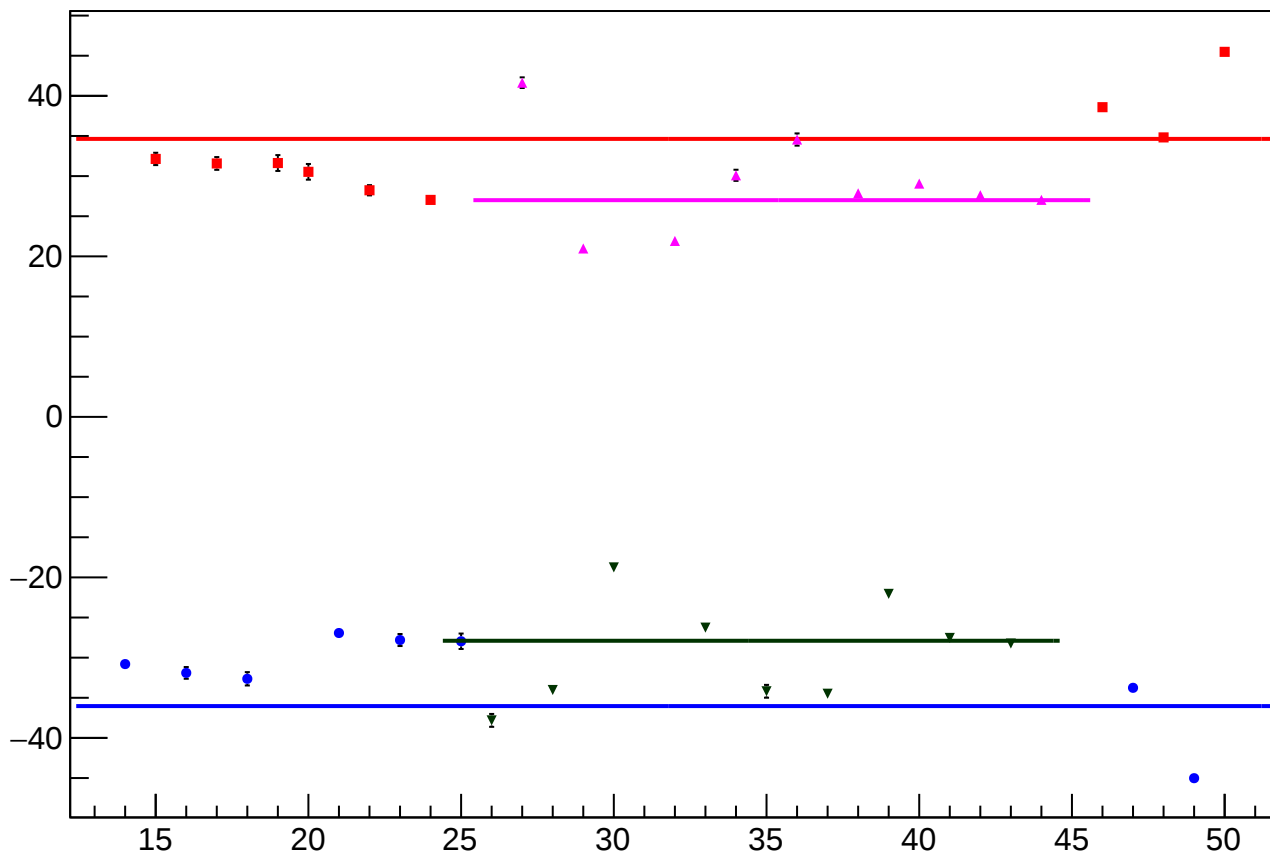
Left Out: 0.789 ± 0.003 $\chi^2/\text{NDF}: 762.0/9$

Right Out: -0.752 ± 0.003 $\chi^2/\text{NDF}: 755.8/7$

Left In: -0.762 ± 0.003 $\chi^2/\text{NDF}: 293.1/8$

0.059 ± 0.001 $\chi^2/\text{NDF}: 291349.7/35$

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -36.034 $\pm$ 0.200 χ^2 /NDF: 1329.1/7

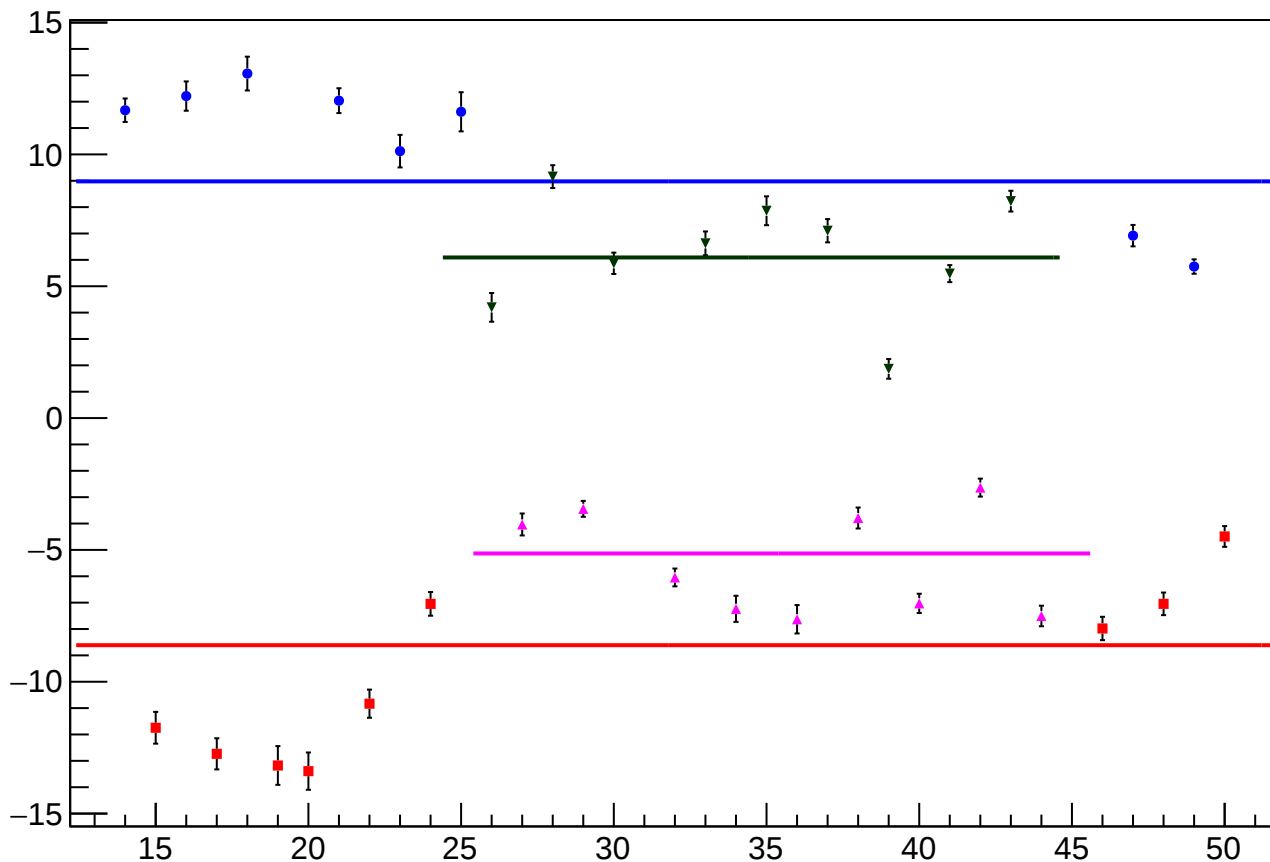
Left Out: -27.895 $\pm$ 0.187 χ^2 /NDF: 907.7/8

Right Out: 34.637 $\pm$ 0.220 χ^2 /NDF: 780.0/8

Left In: 27.002 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-0.526 $\pm$ 0.096 χ^2 /NDF: 108155.3/34

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 8.977 ± 0.160 $\chi^2/\text{NDF}: 334.6/7$

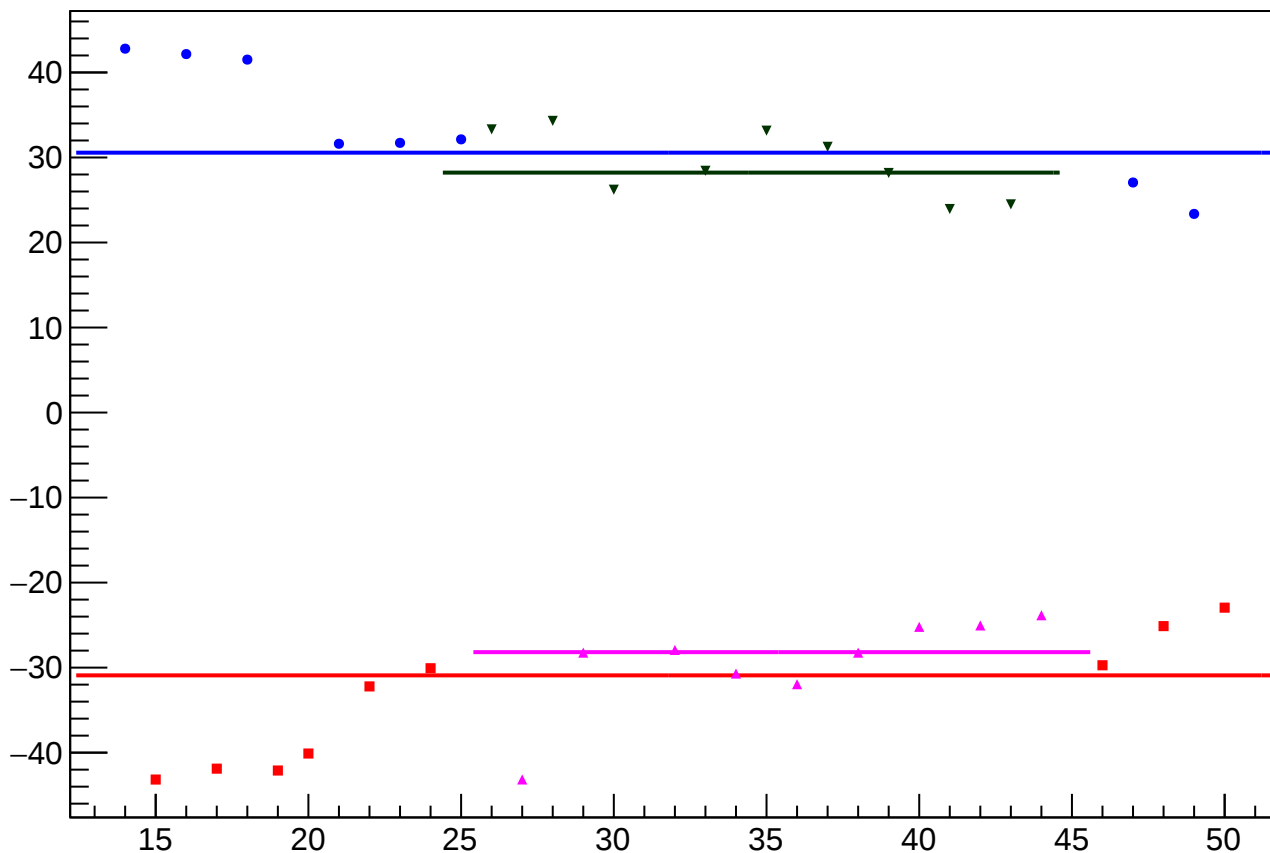
Left Out: 6.091 ± 0.140 $\chi^2/\text{NDF}: 240.2/8$

0.231 ± 0.073 $\chi^2/\text{NDF}: 10380.5/34$

Right Out: -8.614 ± 0.169 $\chi^2/\text{NDF}: 314.6/8$

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

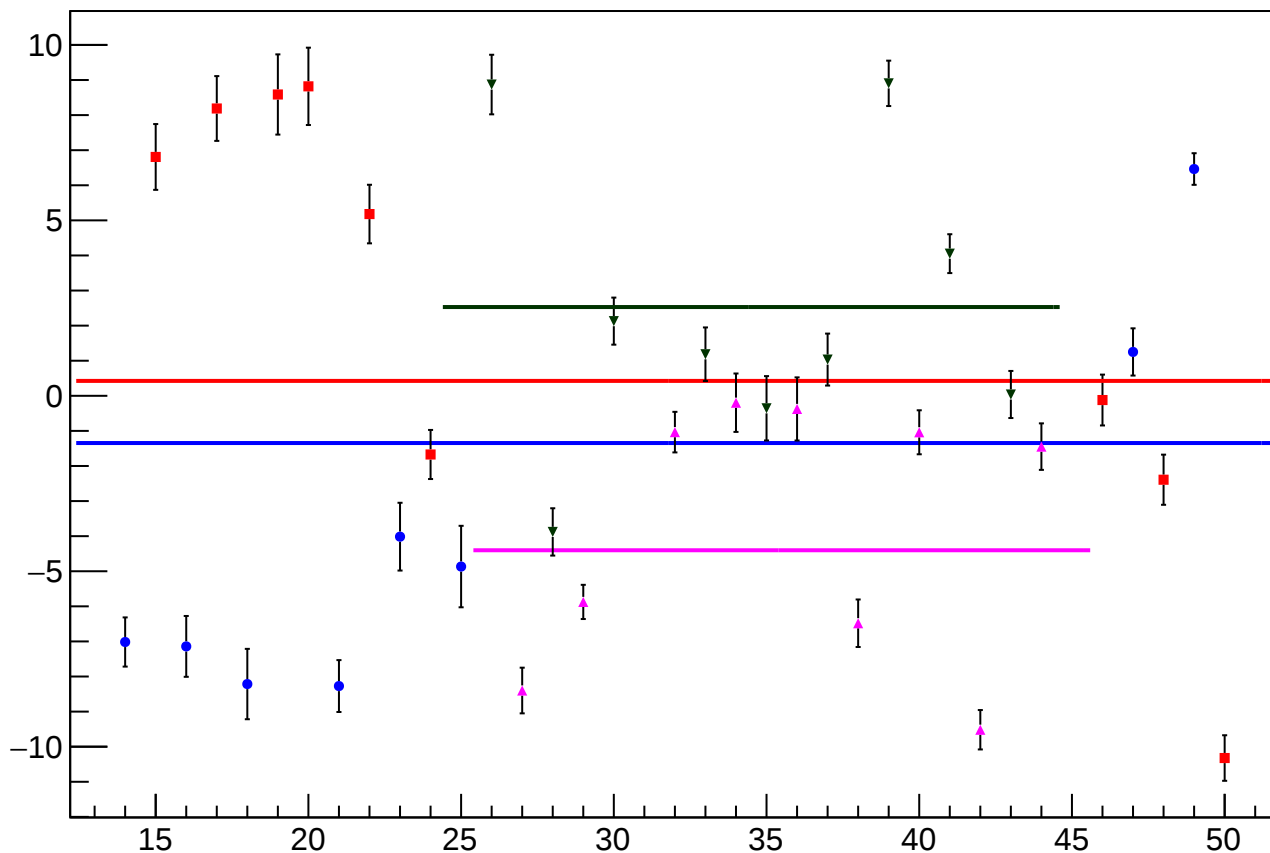
Left Out: 28.221+/-0.031 χ^2/NDF : 13048.6/8

-0.582+/-0.017 χ^2/NDF : 3099137.6/34

Right Out: -30.911+/-0.040 χ^2/NDF : 28184.6/8

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

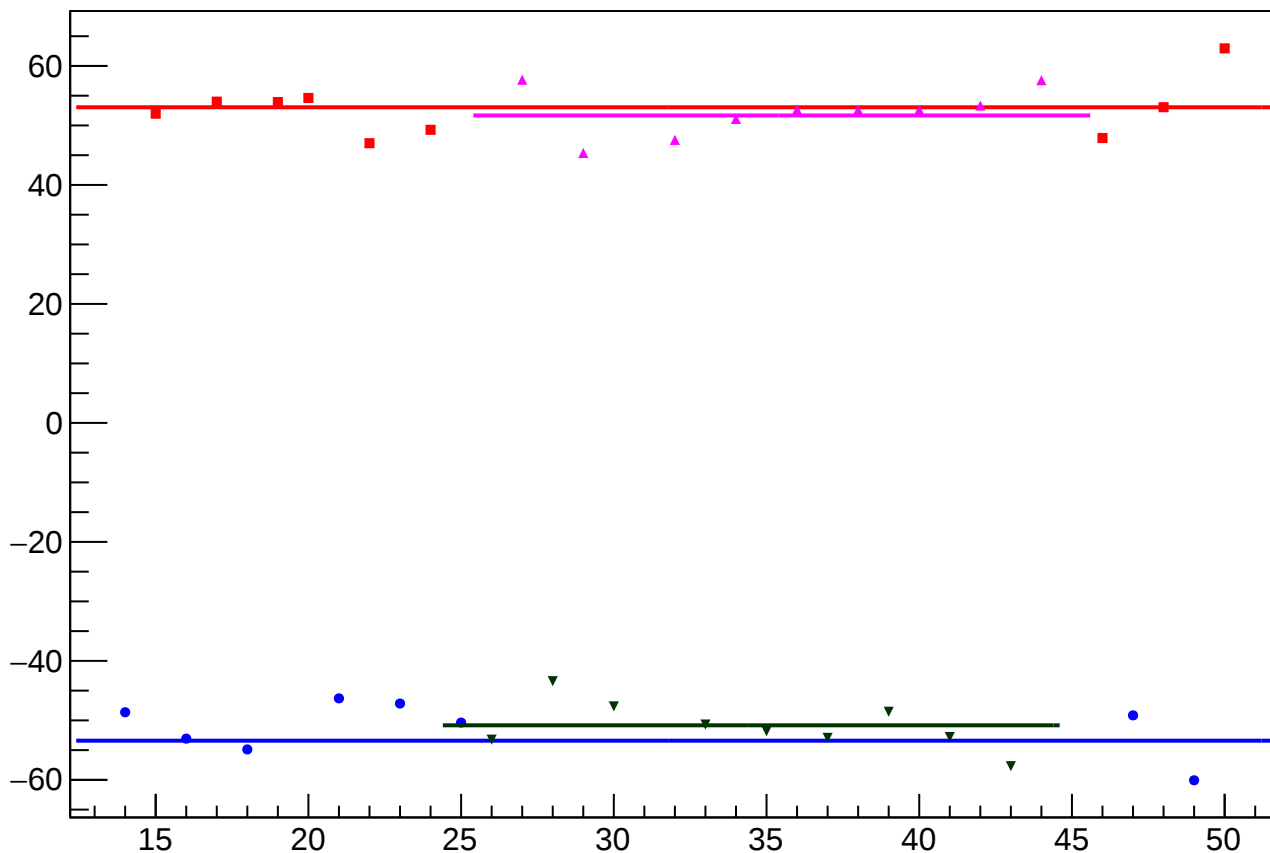
Left Out: 2.530 ± 0.233 χ^2/NDF : 282.1/8

-0.958 ± 0.120 χ^2/NDF : 2202.5/34

Right Out: 0.425 ± 0.271 χ^2/NDF : 557.8/8

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -53.413 $\pm$ 0.048 χ^2 /NDF: 11503.0/7

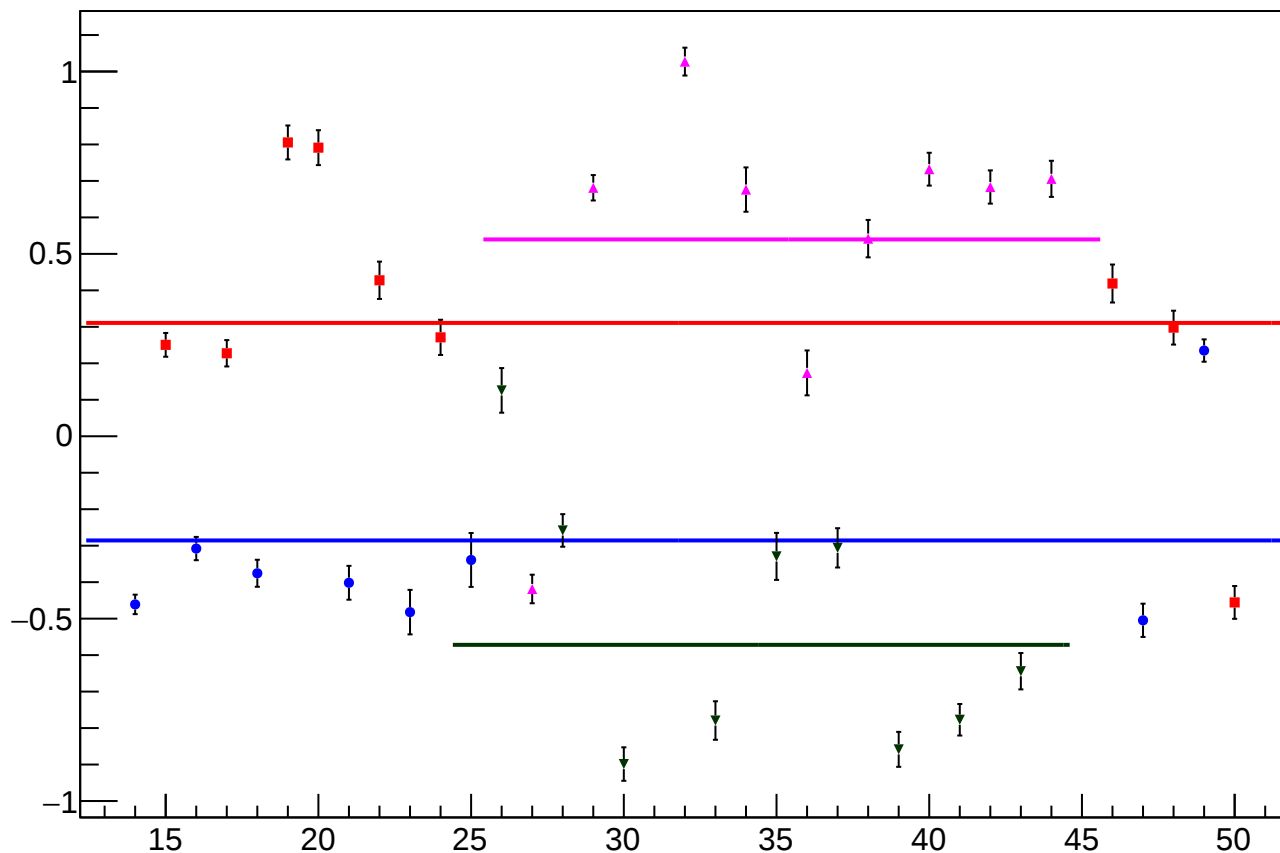
Left Out: -50.829 $\pm$ 0.043 χ^2 /NDF: 8463.4/8

Right Out: 53.055 $\pm$ 0.049 χ^2 /NDF: 11197.0/8

Left In: 51.678 $\pm$ 0.043 χ^2 /NDF: 8311.2/8

-0.653 $\pm$ 0.023 χ^2 /NDF: 5321627.7/34

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.286 ± 0.013 χ^2/NDF : 378.4/7

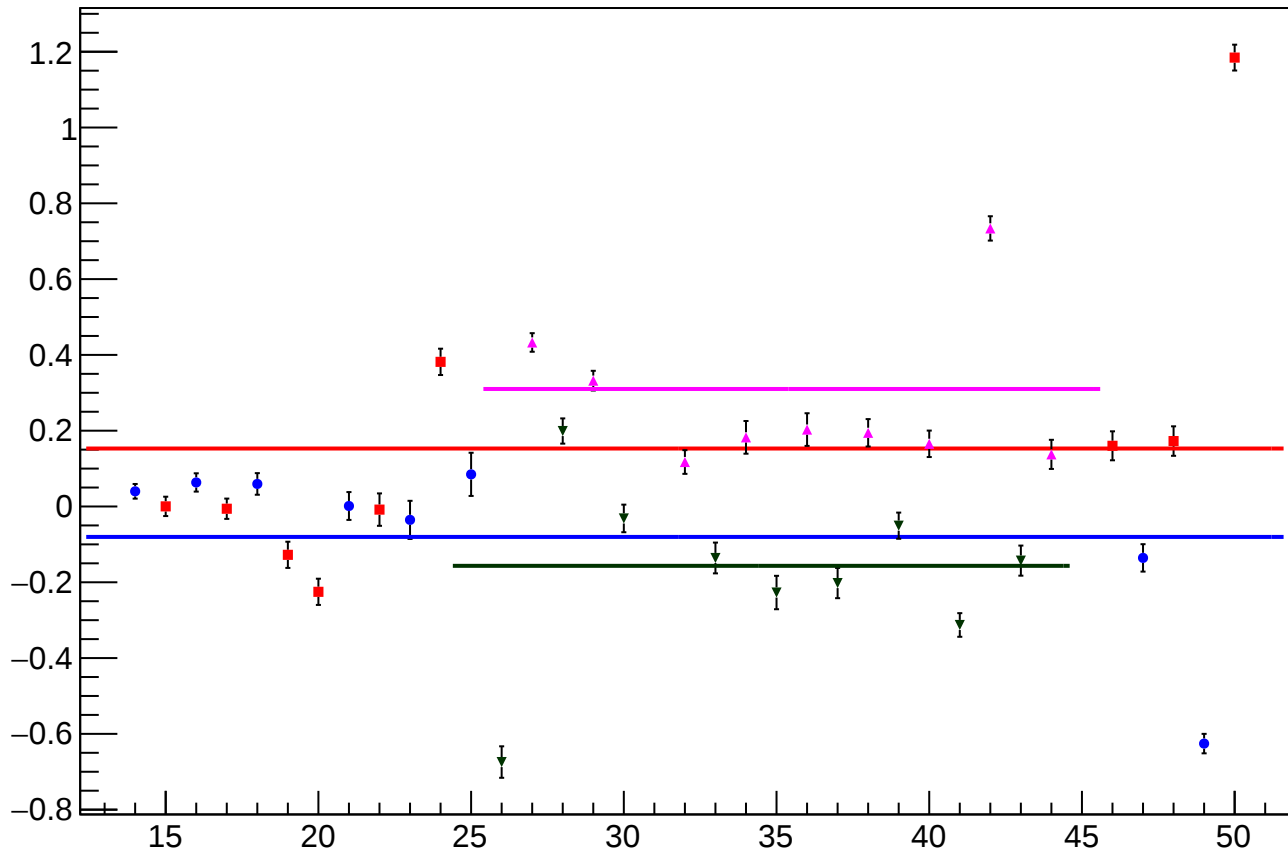
Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

Right Out: 0.311 ± 0.015 χ^2/NDF : 523.5/8

Left In: 0.540 ± 0.015 χ^2/NDF : 857.8/8

0.014 ± 0.007 χ^2/NDF : 5476.0/34

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.080 ± 0.010 χ^2/NDF : 565.5/7

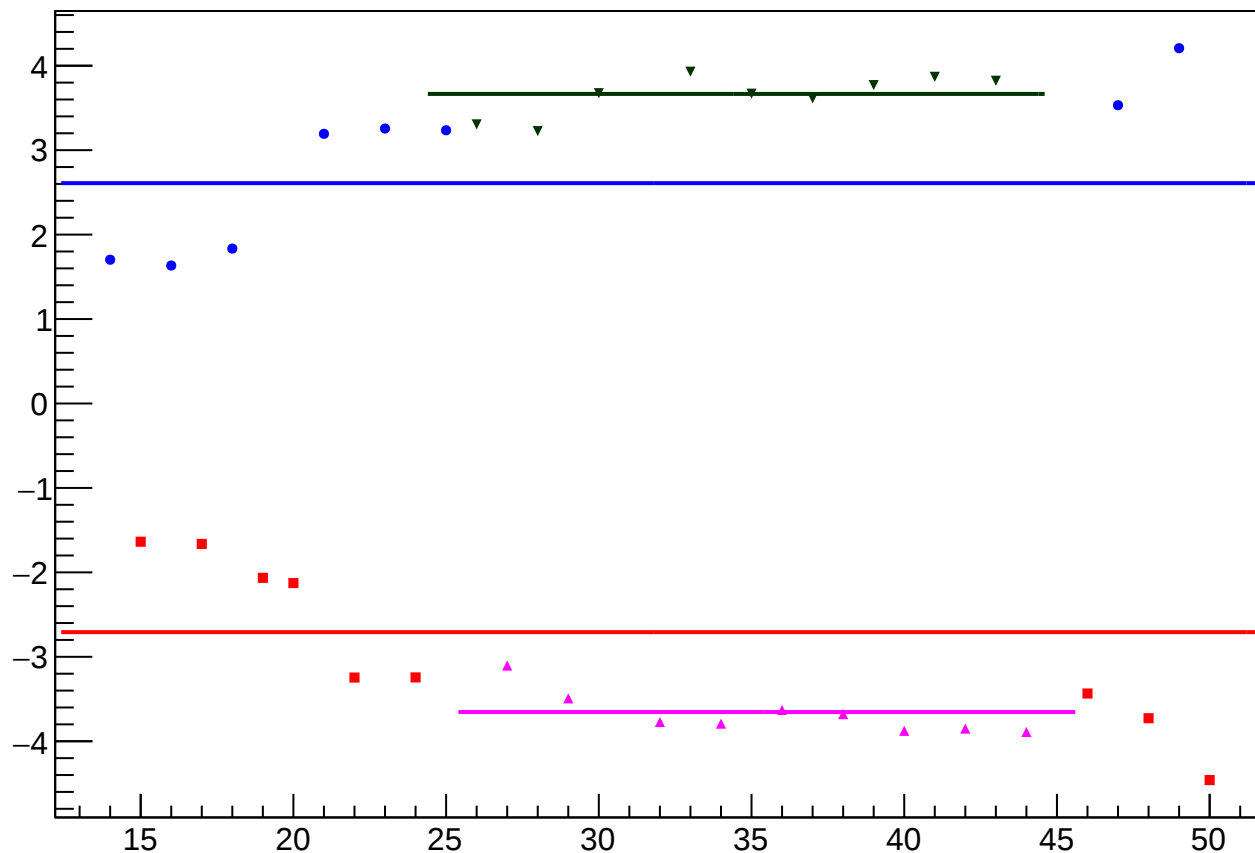
Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

Right Out: 0.153 ± 0.011 χ^2/NDF : 1228.5/8

Left In: 0.310 ± 0.011 χ^2/NDF : 300.2/8

0.065 ± 0.006 χ^2/NDF : 3502.1/34

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.609 ± 0.003 χ^2/NDF : 157027.1/7

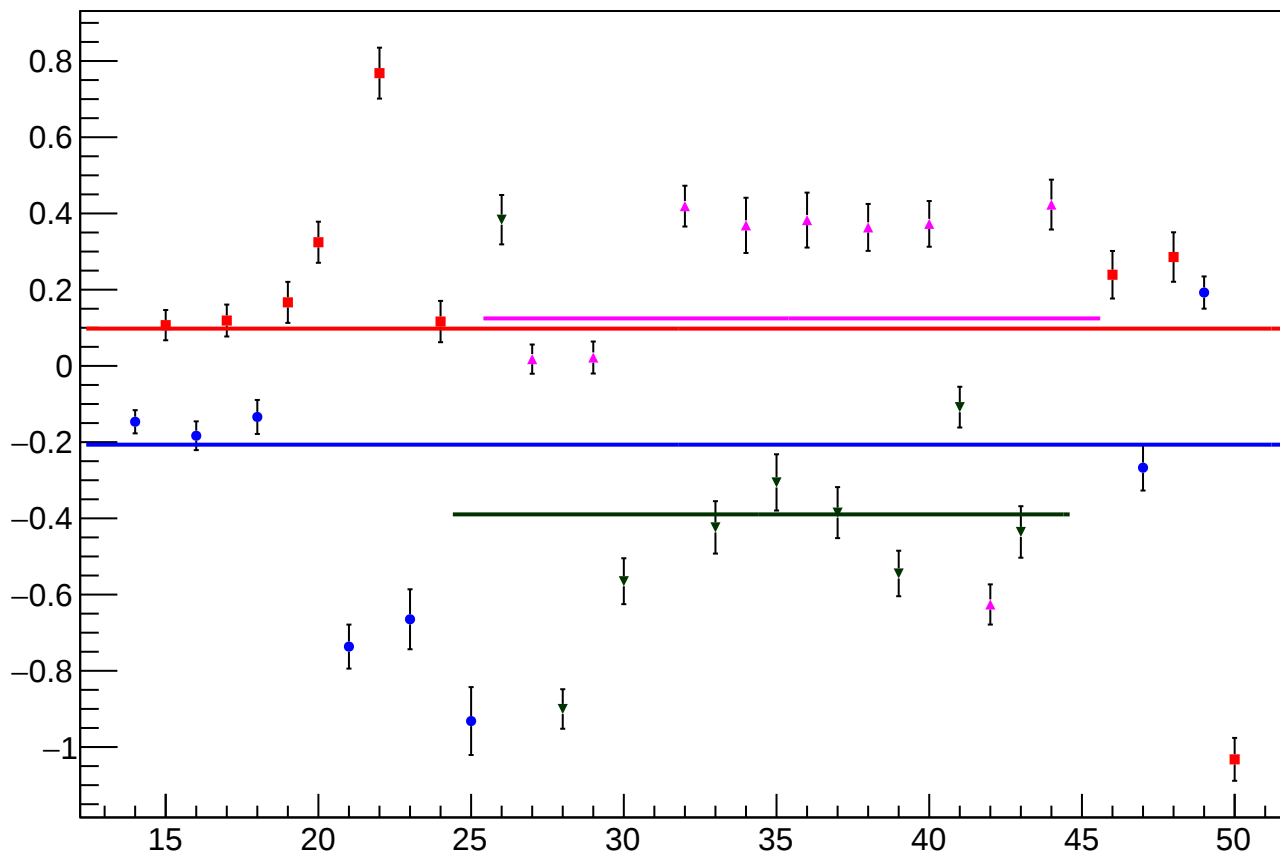
Left Out: 3.666 ± 0.003 χ^2/NDF : 6812.1/8

Right Out: -2.708 ± 0.003 χ^2/NDF : 131584.3/8

Left In: -3.654 ± 0.003 χ^2/NDF : 9614.0/8

-0.093 ± 0.001 χ^2/NDF : 6083897.3/34

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.207+/-0.016 χ^2/NDF : 281.6/7

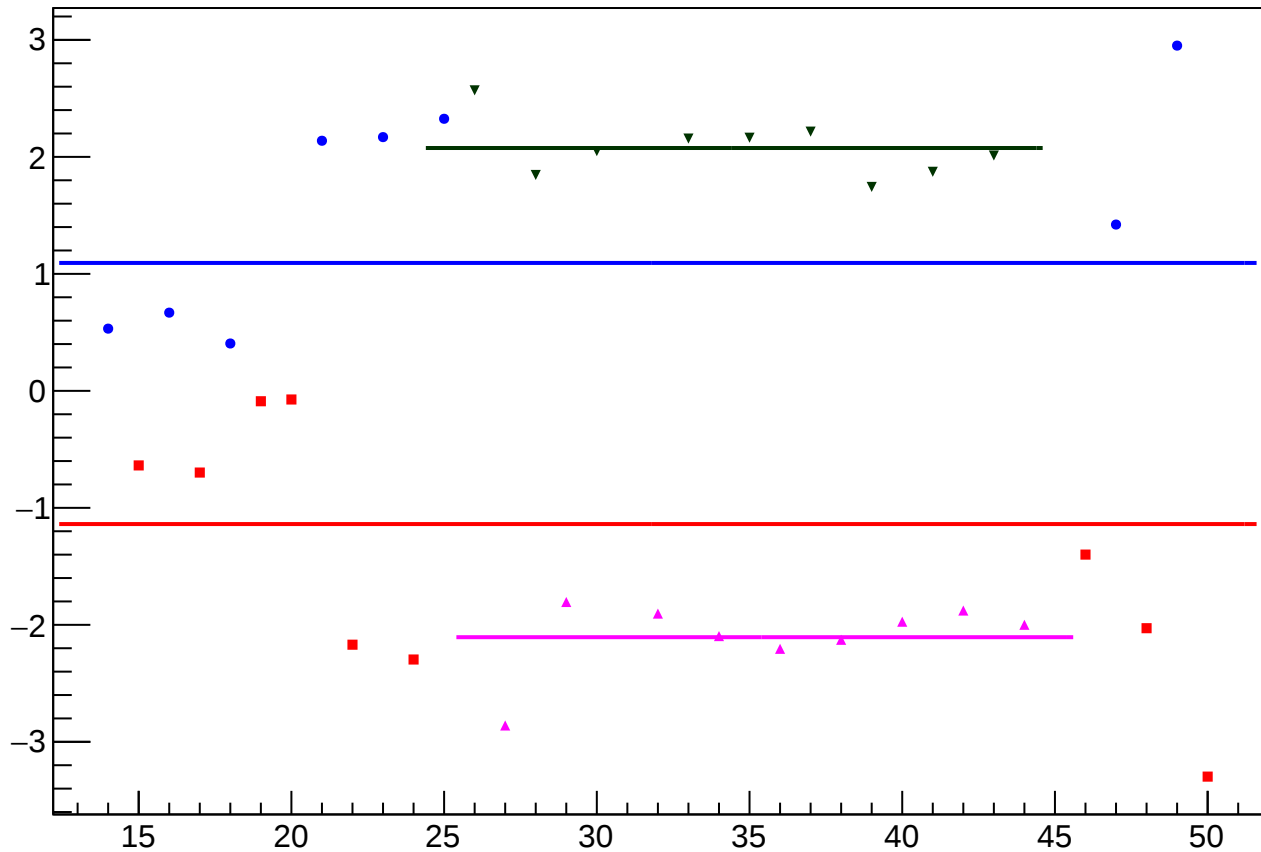
Left Out: -0.390+/-0.021 χ^2/NDF : 284.3/8

Right Out: 0.098+/-0.017 χ^2/NDF : 537.2/8

Left In: 0.125+/-0.018 χ^2/NDF : 323.9/8

-0.078+/-0.009 χ^2/NDF : 1945.8/34

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 1.093+/-0.003 χ^2/NDF : 98210.4/7

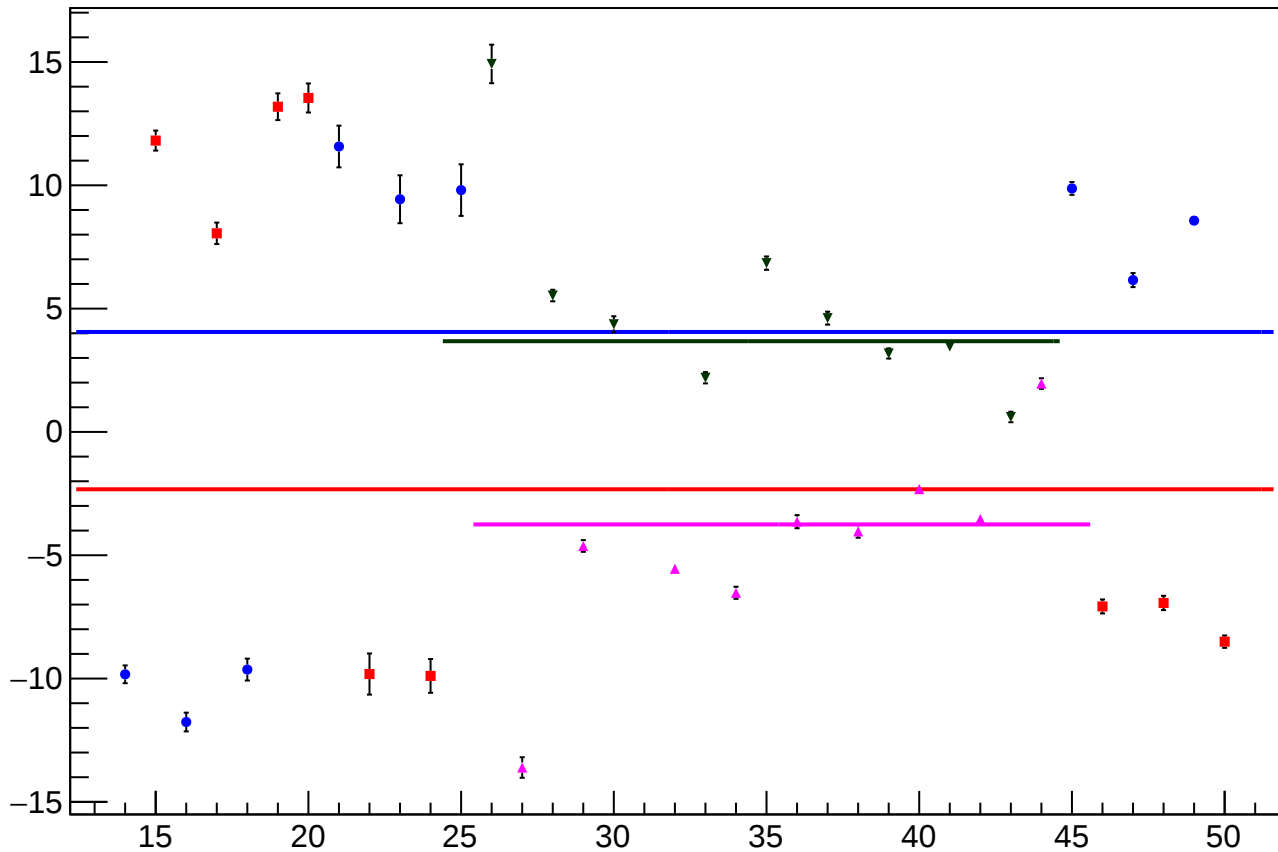
Left Out: 2.076+/-0.004 χ^2/NDF : 4099.9/8

0.018+/-0.002 χ^2/NDF : 1127713.9/34

Right Out: -1.139+/-0.003 χ^2/NDF : 111832.9/8

Left In: -2.106+/-0.004 χ^2/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

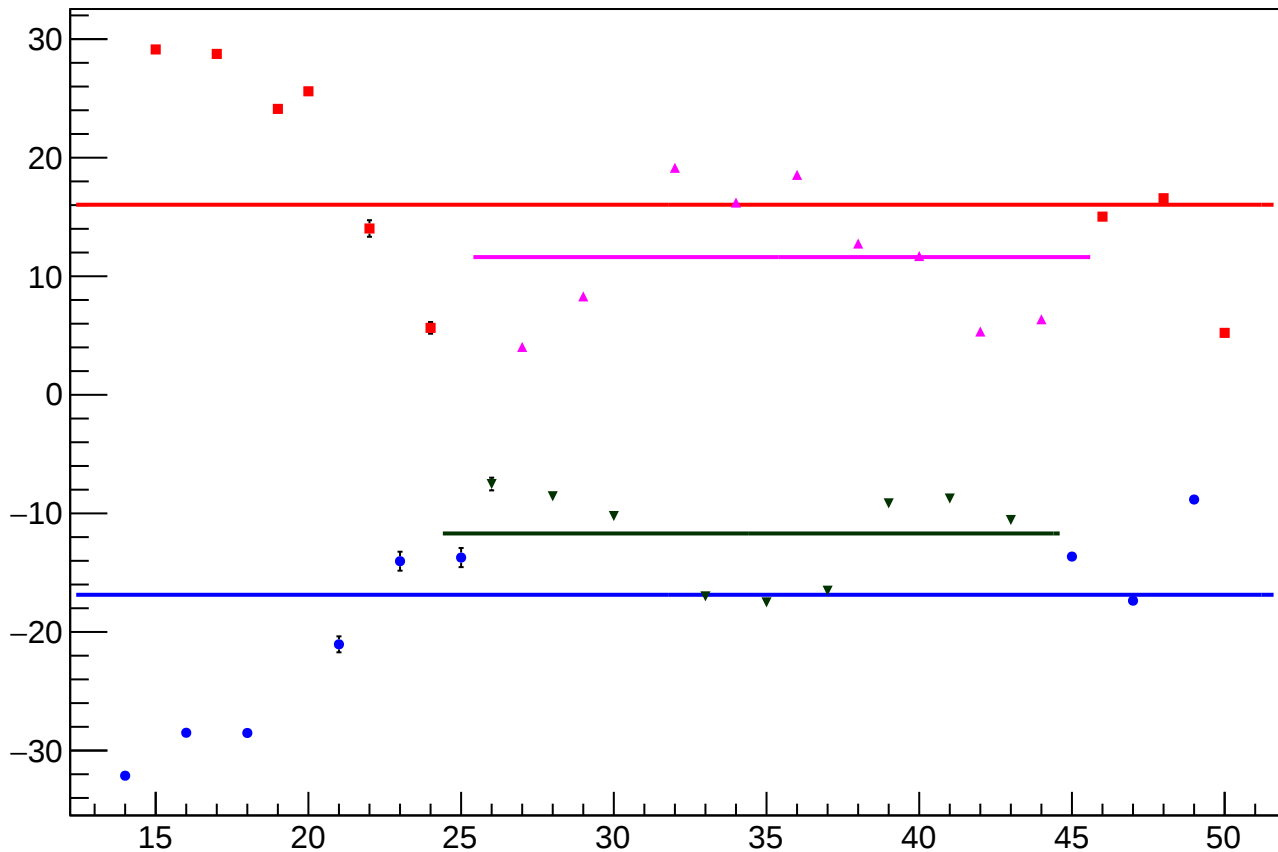
Left Out: 3.679+/-0.081 χ^2/NDF : 680.5/8

0.248+/-0.046 χ^2/NDF : 18600.6/35

Right Out: -2.325+/-0.128 χ^2/NDF : 4660.7/8

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

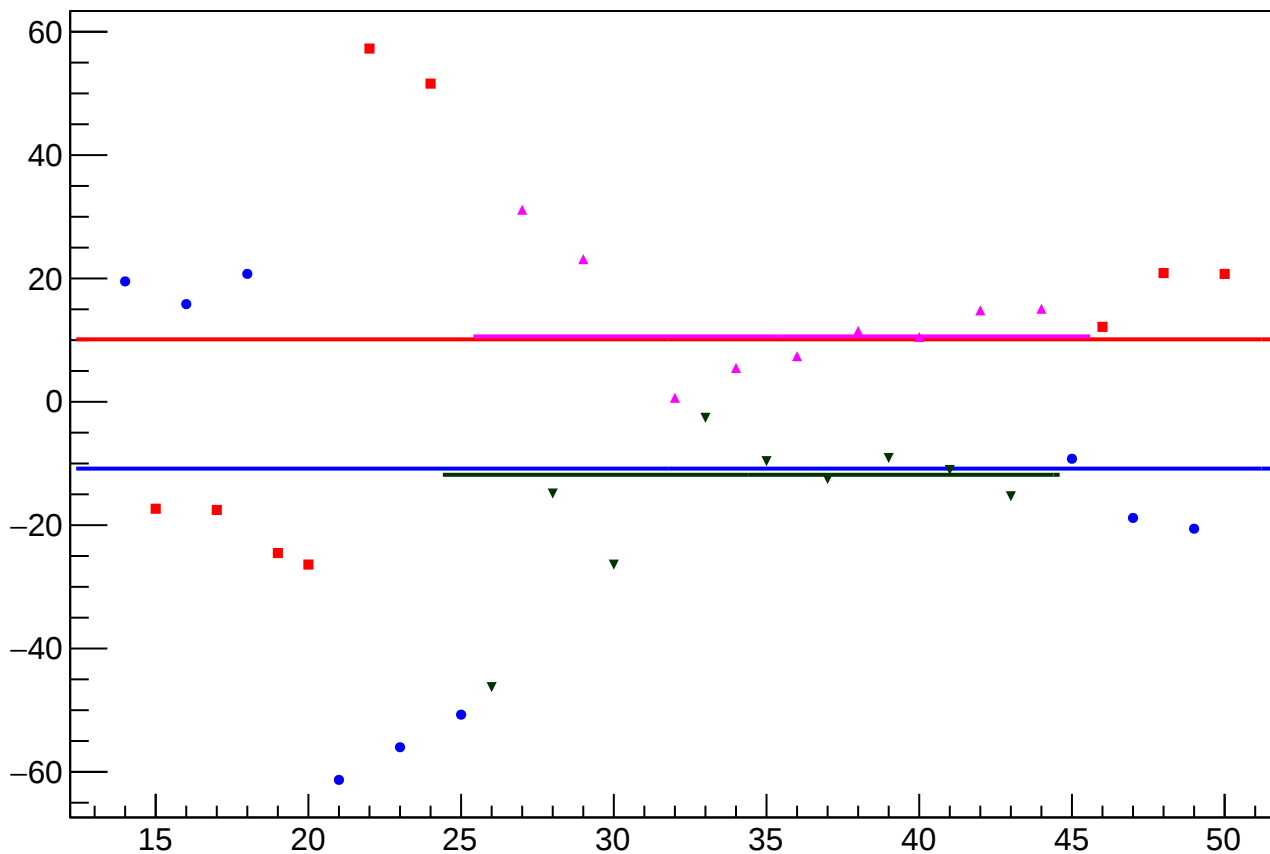
Left Out: -11.693 $\pm$ 0.060 χ^2 /NDF: 3755.5/8

Right Out: 16.032 $\pm$ 0.098 χ^2 /NDF: 7803.6/8

Left In: 11.617 $\pm$ 0.057 χ^2 /NDF: 8593.0/8

-0.291 $\pm$ 0.035 χ^2 /NDF: 175314.0/35

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -10.831 $\pm$ 0.020 χ^2/NDF : 788469.2/8

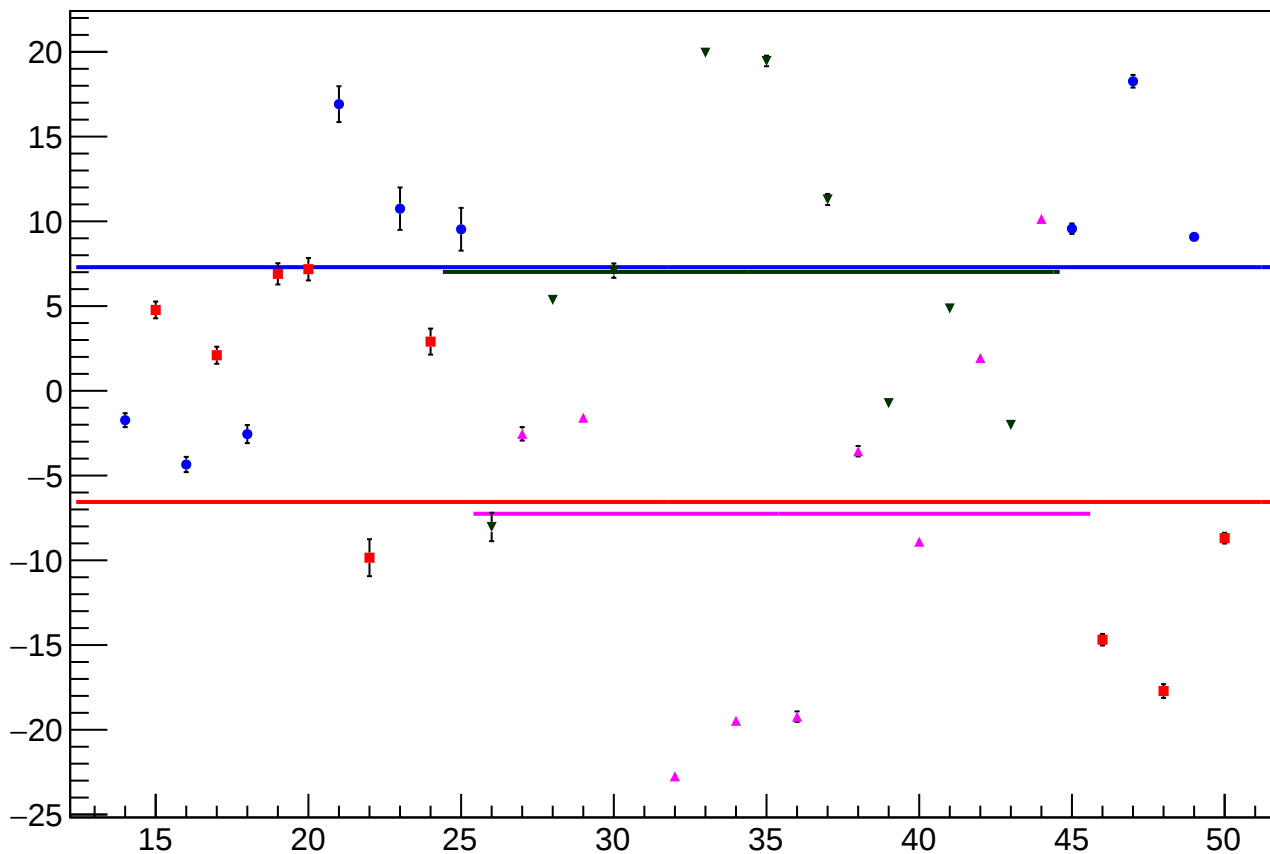
Left Out: -11.832 $\pm$ 0.014 χ^2/NDF : 233309.0/8

Right Out: 10.129 $\pm$ 0.023 χ^2/NDF : 733492.1/8

Left In: 10.602 $\pm$ 0.013 χ^2/NDF : 320496.8/8

-0.508 $\pm$ 0.008 χ^2/NDF : 3999785.7/35

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 7.296 ± 0.139 χ^2/NDF : 2552.7/8

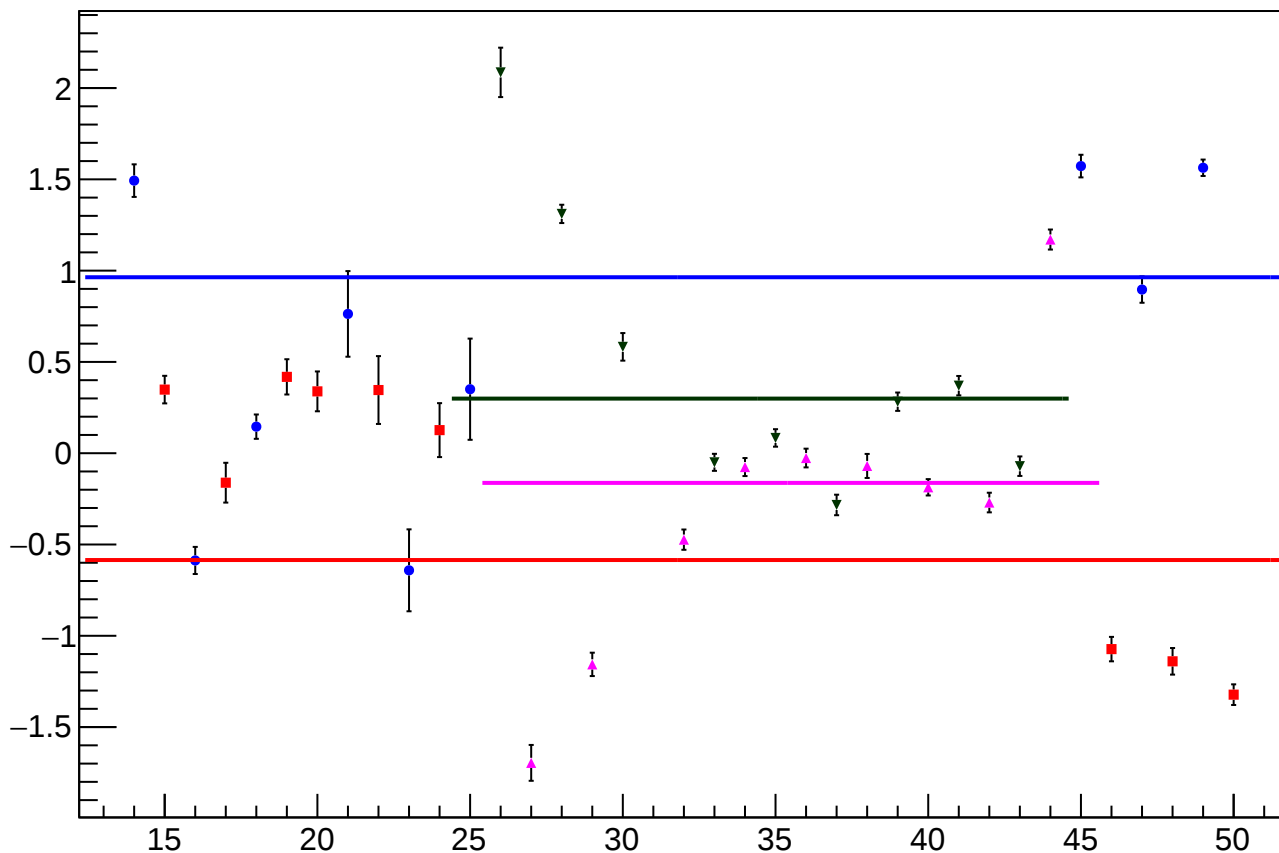
Left Out: 7.015 ± 0.101 χ^2/NDF : 6009.5/8

-0.013 ± 0.058 χ^2/NDF : 39633.9/35

Right Out: -6.557 ± 0.158 χ^2/NDF : 3241.2/8

Left In: -7.253 ± 0.095 χ^2/NDF : 12650.2/8

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.964 $\pm$ 0.026 χ^2 /NDF: 954.5/8

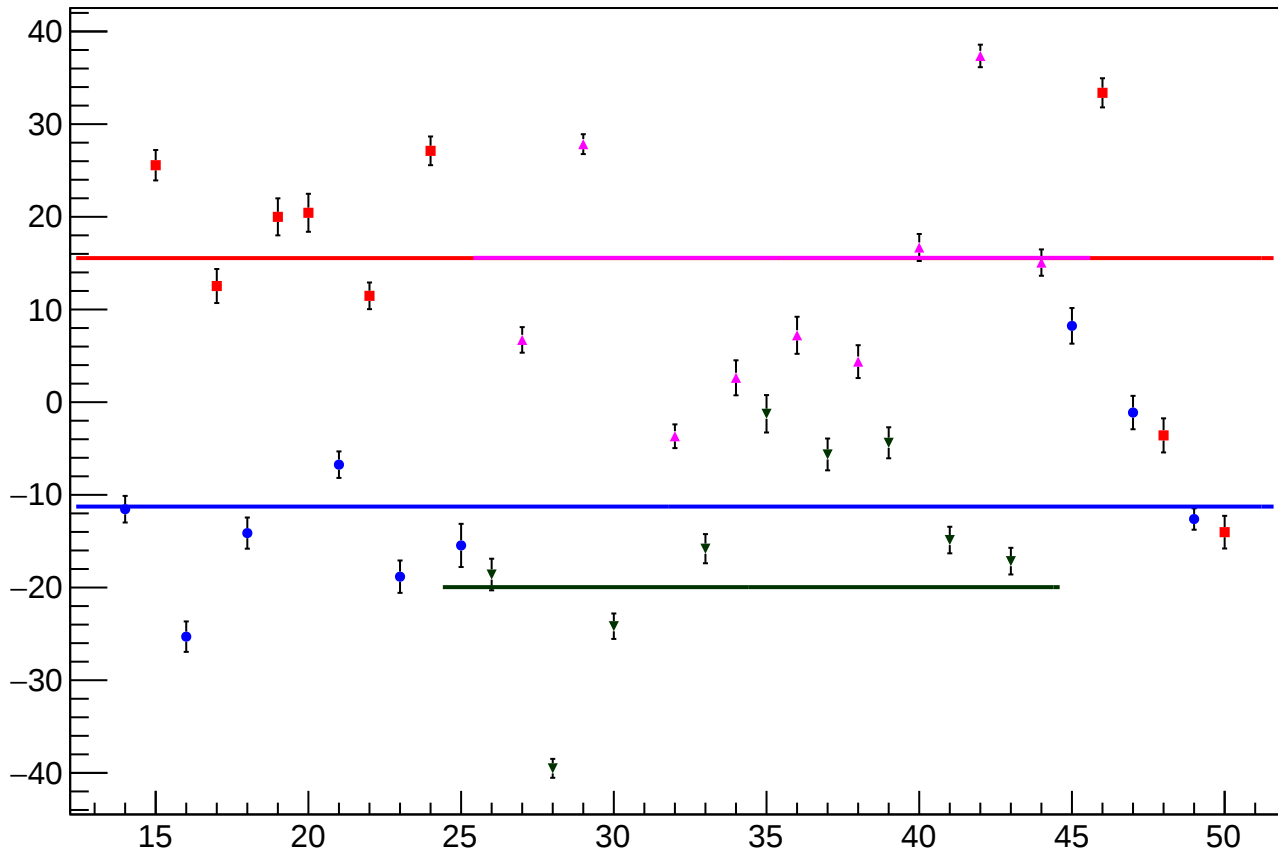
Left Out: 0.299 $\pm$ 0.018 χ^2 /NDF: 829.4/8

Right Out: -0.585 $\pm$ 0.028 χ^2 /NDF: 677.1/8

Left In: -0.163 $\pm$ 0.019 χ^2 /NDF: 1123.4/8

0.135 $\pm$ 0.011 χ^2 /NDF: 5617.3/35

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -11.264 ± 0.531 χ^2/NDF : 244.0/8

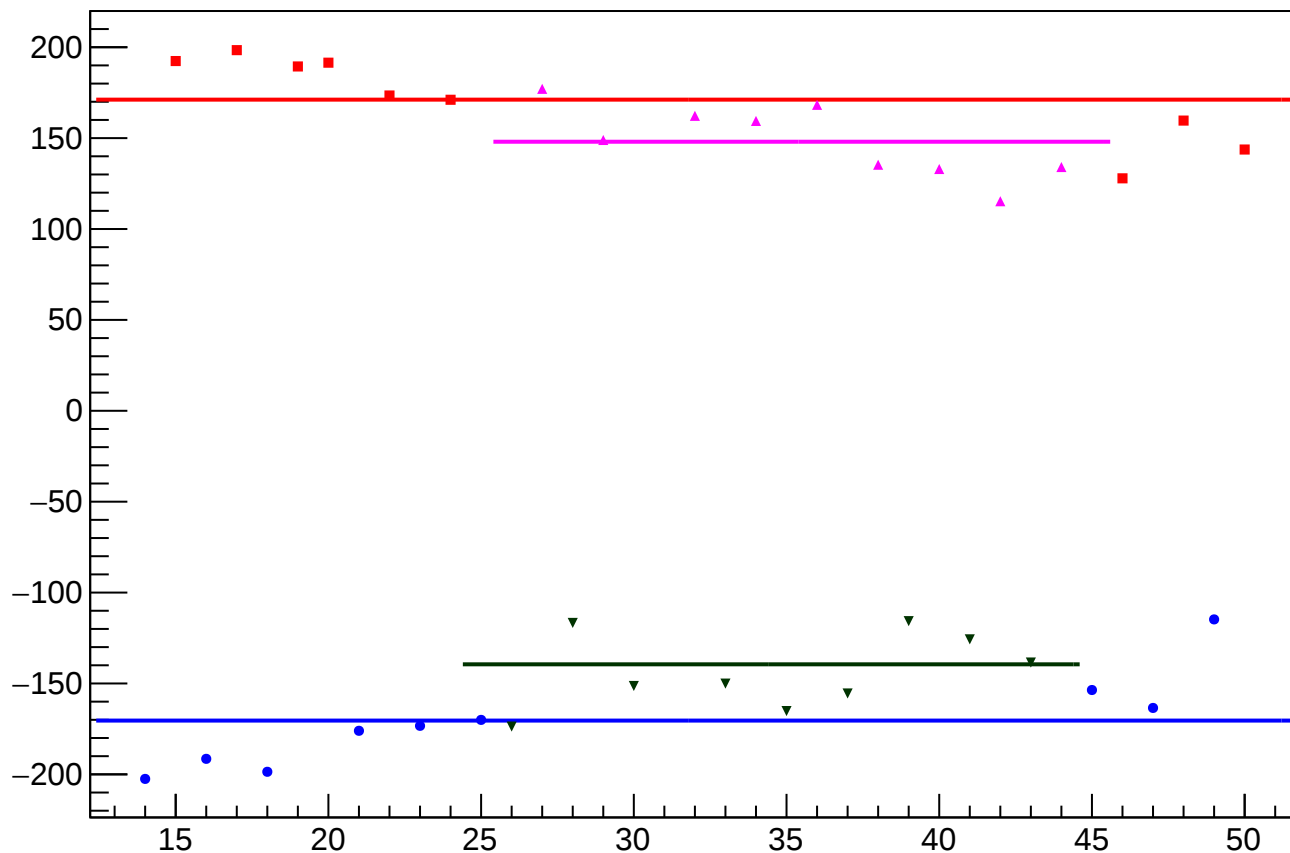
Left Out: -19.957 ± 0.491 χ^2/NDF : 641.8/8

Right Out: 15.545 ± 0.570 χ^2/NDF : 633.0/8

Left In: 15.574 ± 0.472 χ^2/NDF : 824.1/8

-0.316 ± 0.256 χ^2/NDF : 6277.8/35

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -170.416+/-0.419 χ^2/NDF : 4875.3/8

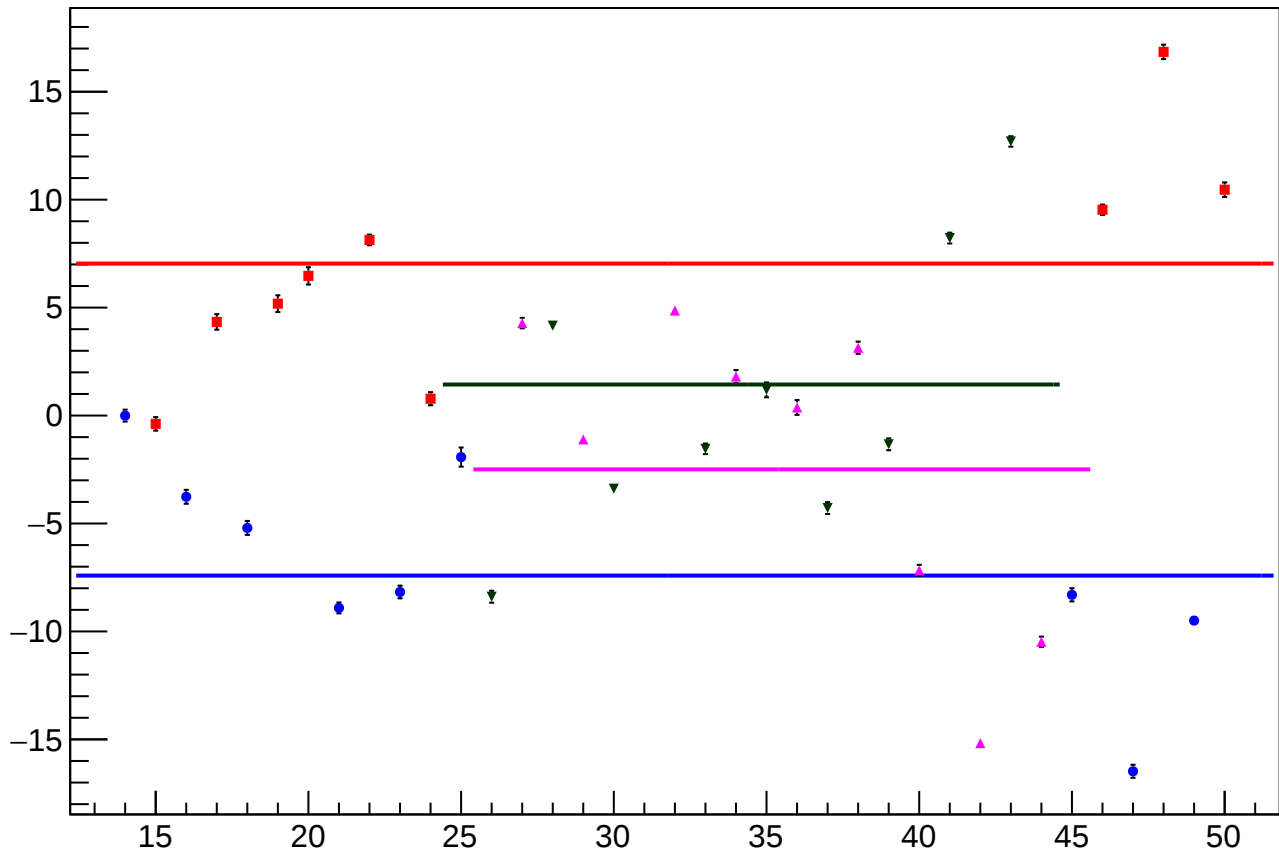
Left Out: -139.468+/-0.373 χ^2/NDF : 2867.0/8

Right Out: 171.168+/-0.441 χ^2/NDF : 2641.9/8

Left In: 148.012+/-0.348 χ^2/NDF : 3260.5/8

4.886+/-0.195 χ^2/NDF : 650091.8/35

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -7.414+/-0.098 χ^2/NDF : 2074.2/8

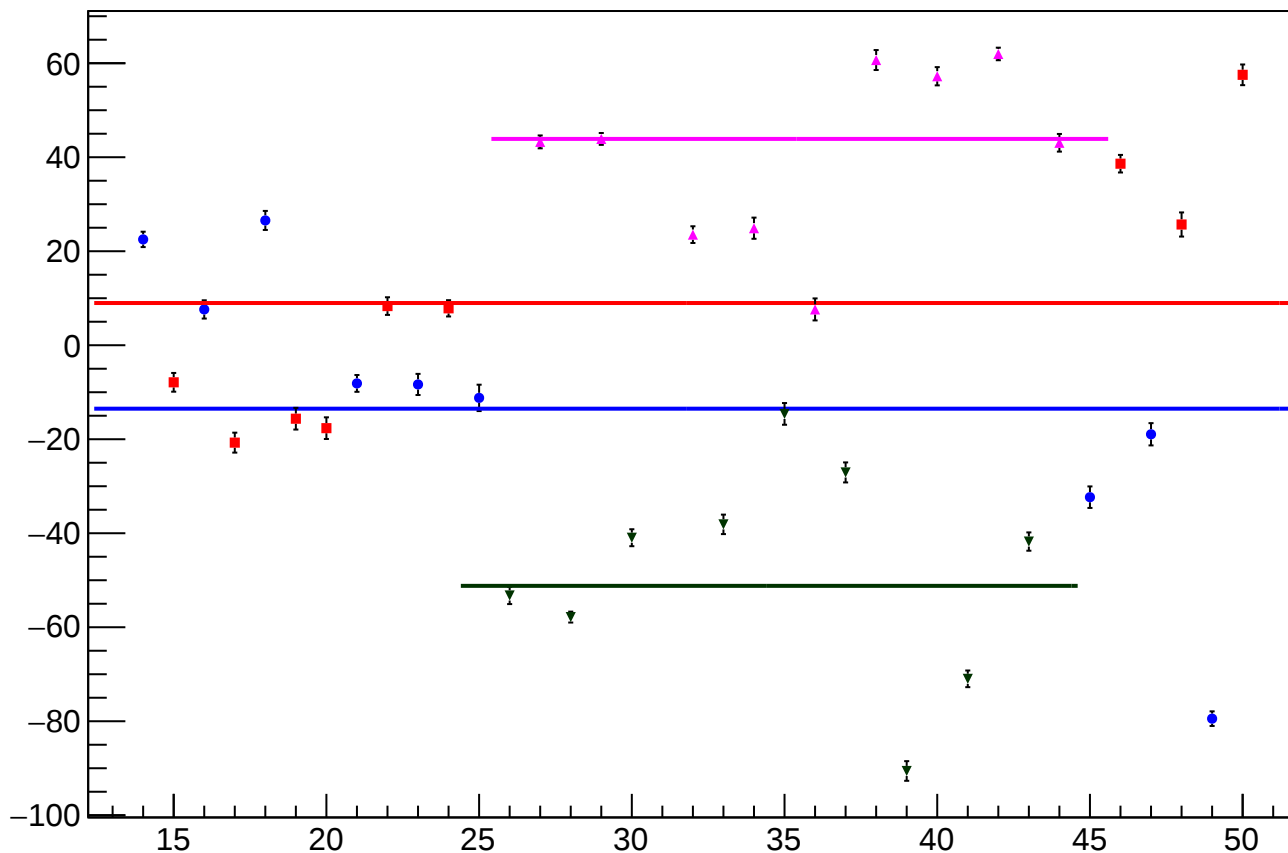
Left Out: 1.438+/-0.083 χ^2/NDF : 5473.4/8

Right Out: 7.039+/-0.104 χ^2/NDF : 2157.9/8

Left In: -2.493+/-0.081 χ^2/NDF : 7773.3/8

-0.588+/-0.045 χ^2/NDF : 28930.0/35

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -13.499 $\pm$ 0.659 χ^2 /NDF: 2880.3/8

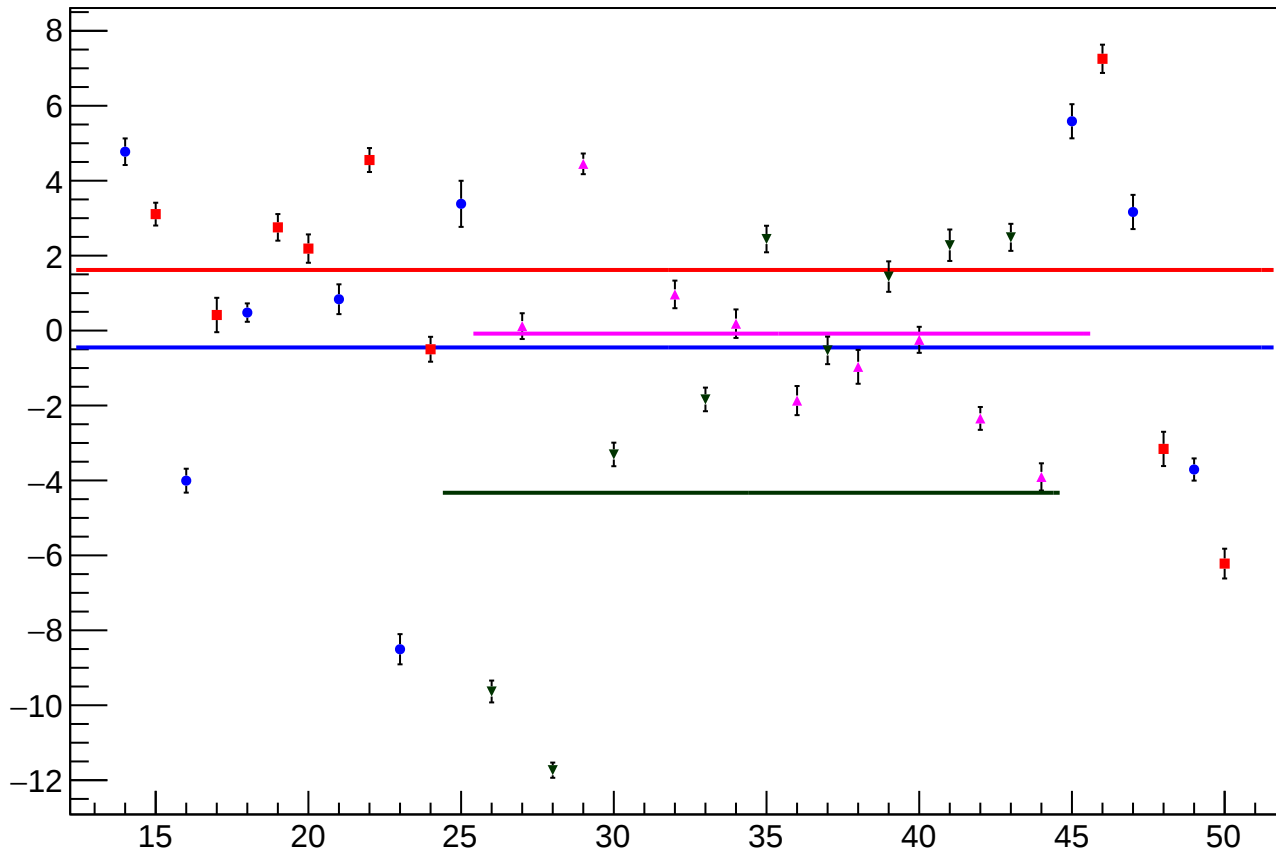
Left Out: -51.194 $\pm$ 0.598 χ^2 /NDF: 988.3/8

Right Out: 8.982 $\pm$ 0.688 χ^2 /NDF: 1296.0/8

Left In: 43.896 $\pm$ 0.560 χ^2 /NDF: 735.5/8

-1.477 $\pm$ 0.310 χ^2 /NDF: 19944.2/35

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -0.450+/-0.119 χ^2/NDF : 1163.2/8

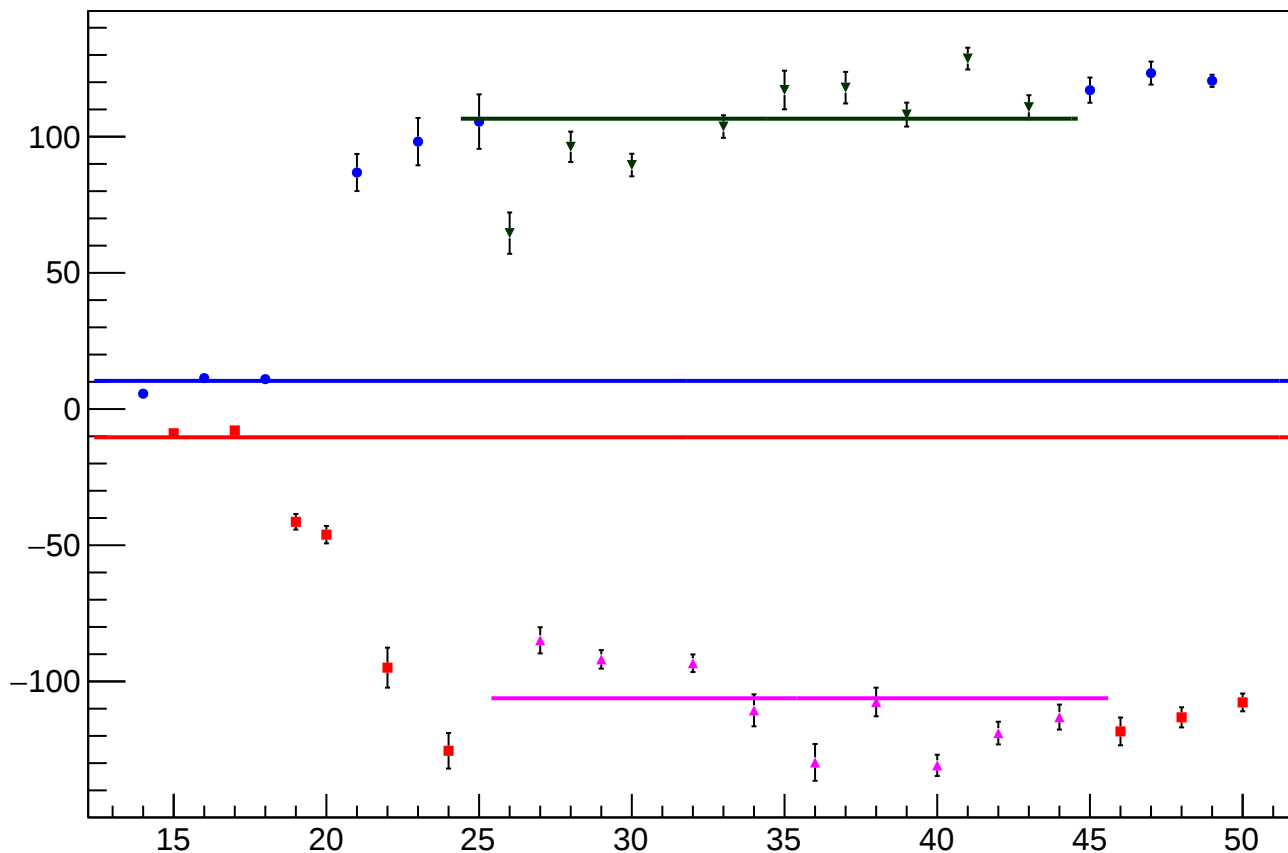
Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

Right Out: 1.618+/-0.122 χ^2/NDF : 889.4/8

Left In: -0.081+/-0.116 χ^2/NDF : 470.0/8

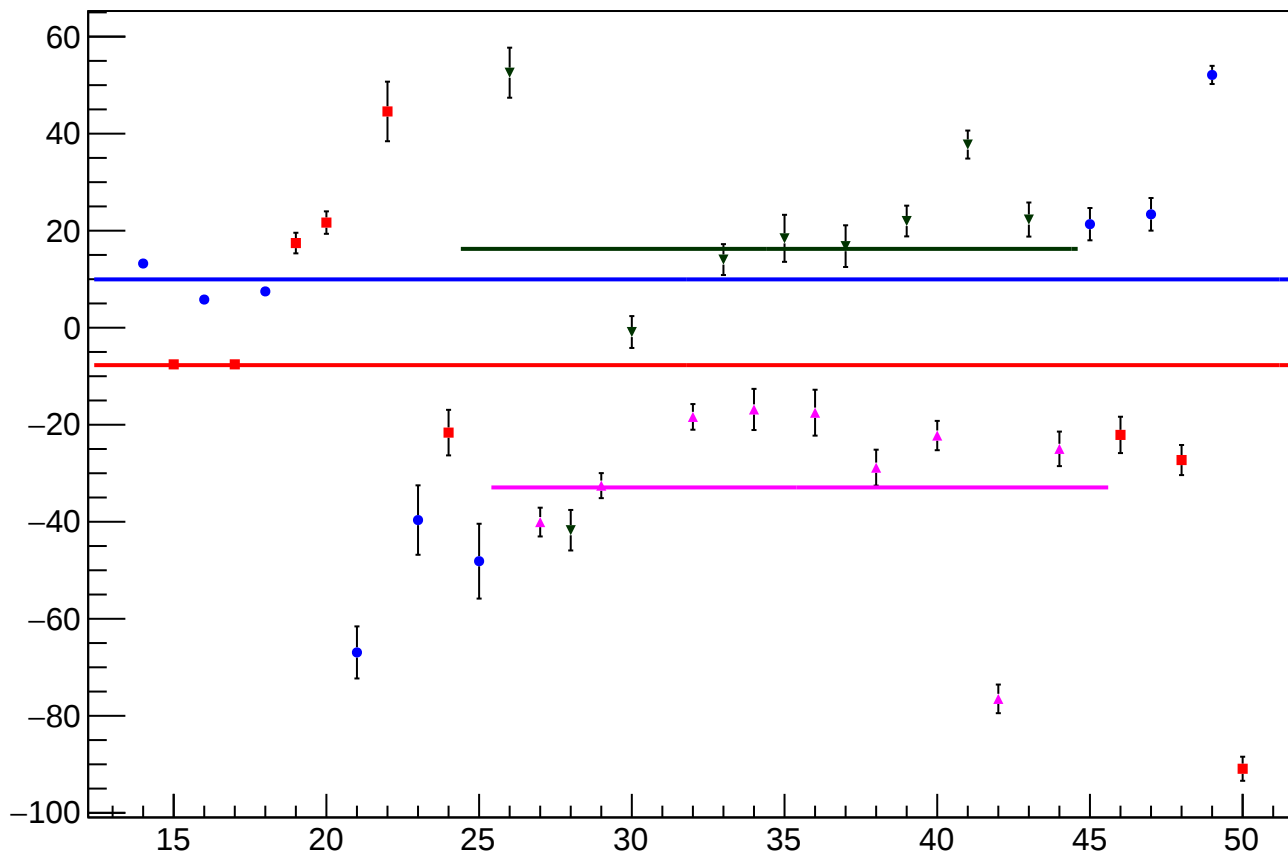
-1.065+/-0.057 χ^2/NDF : 7089.2/35

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



0.751 ± 0.158 $\chi^2/\text{NDF}: 21292.8/35$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 9.961 ± 0.160 $\chi^2/\text{NDF}: 1335.7/8$

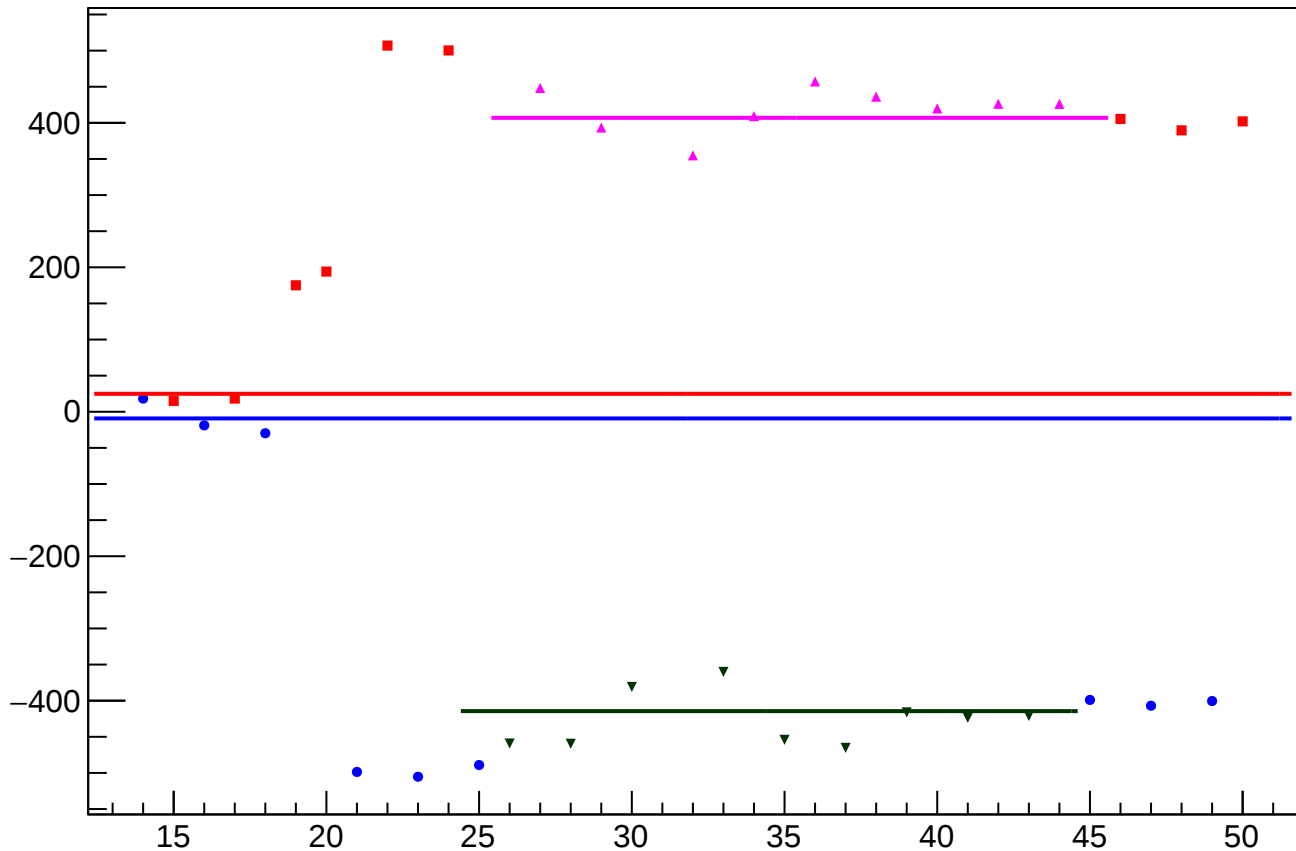
Left Out: 16.249 ± 1.210 $\chi^2/\text{NDF}: 332.0/8$

Right Out: -7.716 ± 0.182 $\chi^2/\text{NDF}: 1562.2/8$

Left In: -32.924 ± 1.064 $\chi^2/\text{NDF}: 297.8/8$

1.960 ± 0.119 $\chi^2/\text{NDF}: 10053.3/35$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -9.223+/-0.042 χ^2/NDF : 1919964.1/8

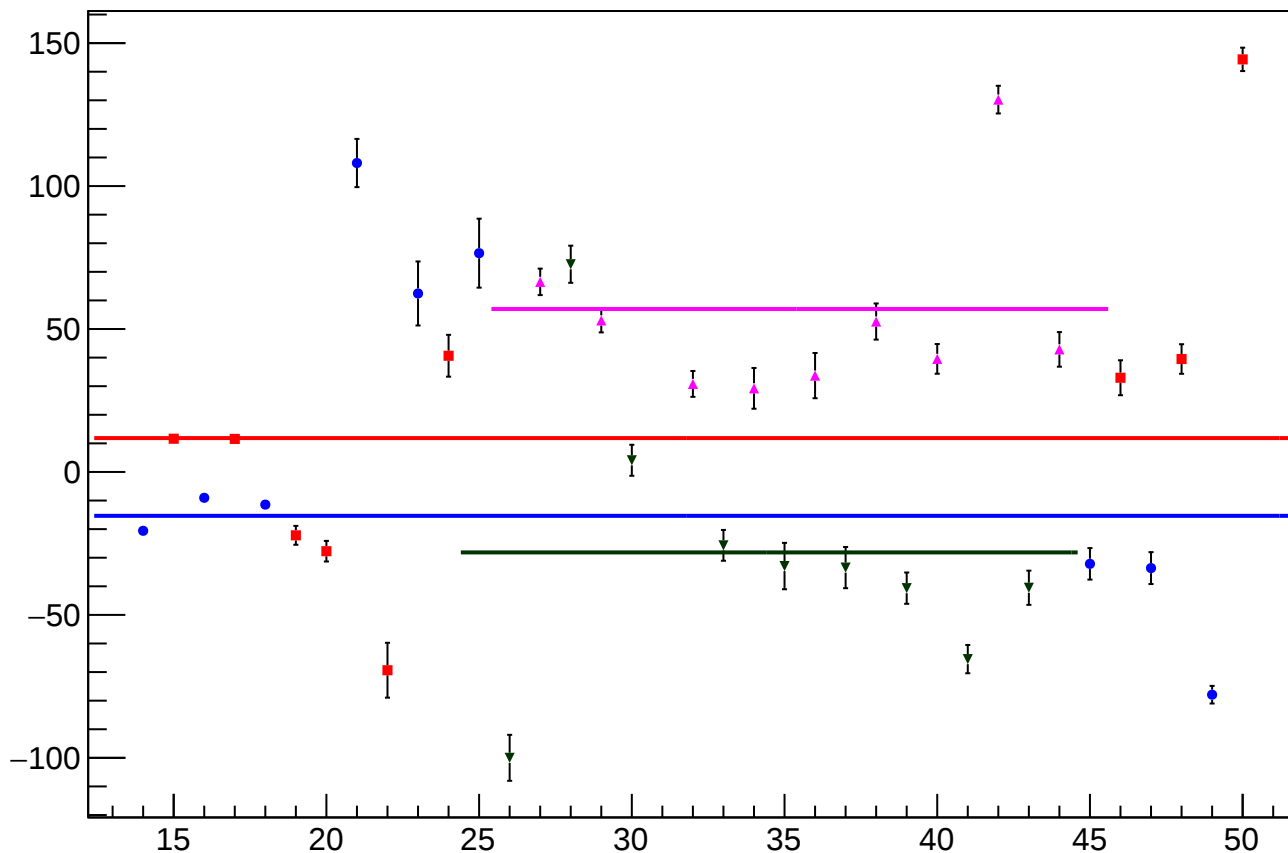
Left Out: -414.439+/-0.270 χ^2/NDF : 17107.4/8

7.025+/-0.031 χ^2/NDF : 8703881.2/35

Right Out: 24.873+/-0.046 χ^2/NDF : 1367693.6/8

Left In: 406.947+/-0.246 χ^2/NDF : 18132.7/8

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -15.344 $\pm$ 0.251 χ^2 /NDF: 1236.6/8

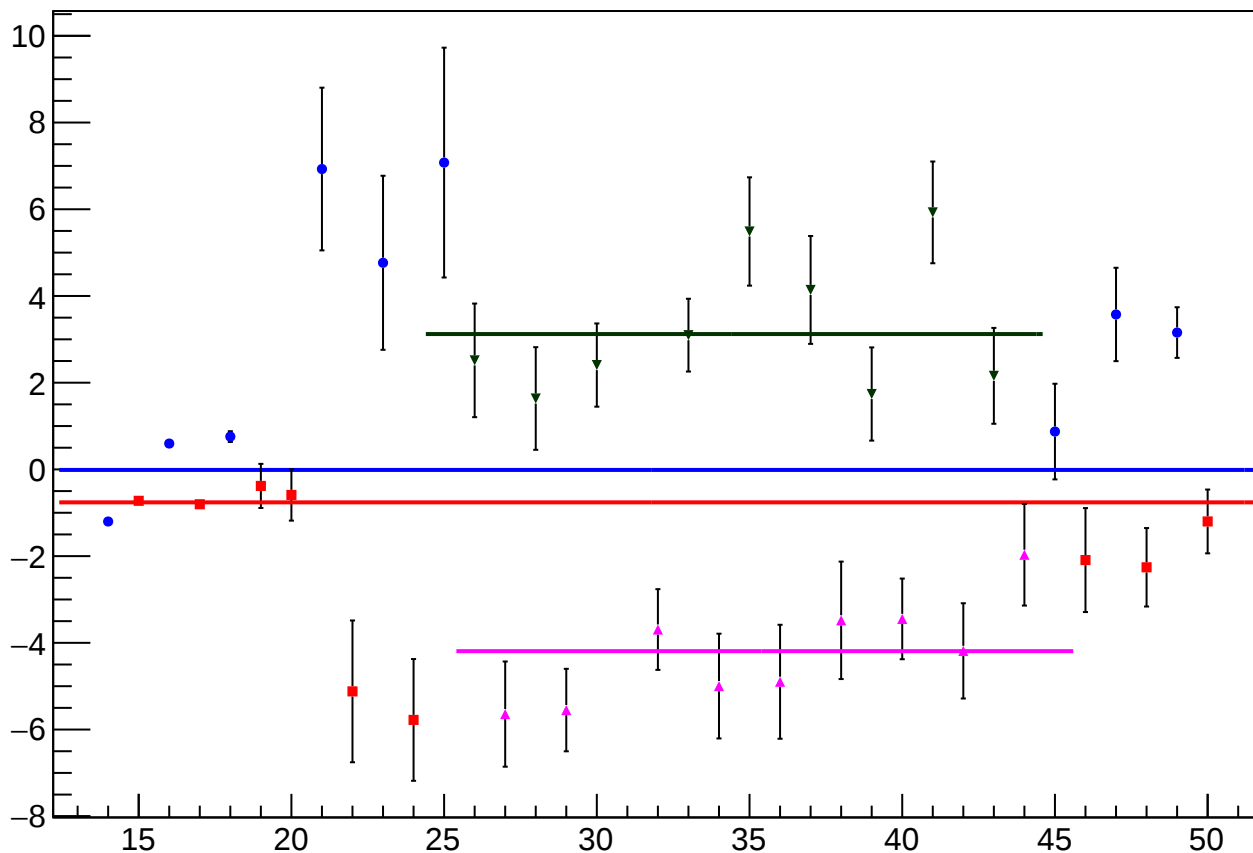
Left Out: -28.145 $\pm$ 2.024 χ^2 /NDF:423.8/8

Right Out: 11.848 $\pm$ 0.284 χ^2 /NDF: 1402.0/8

Left In: 56.997 $\pm$ 1.767 χ^2 /NDF:308.5/8

-2.963 $\pm$ 0.186 χ^2 /NDF: 9817.9/35

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.012 ± 0.047 χ^2/NDF : 425.3/8

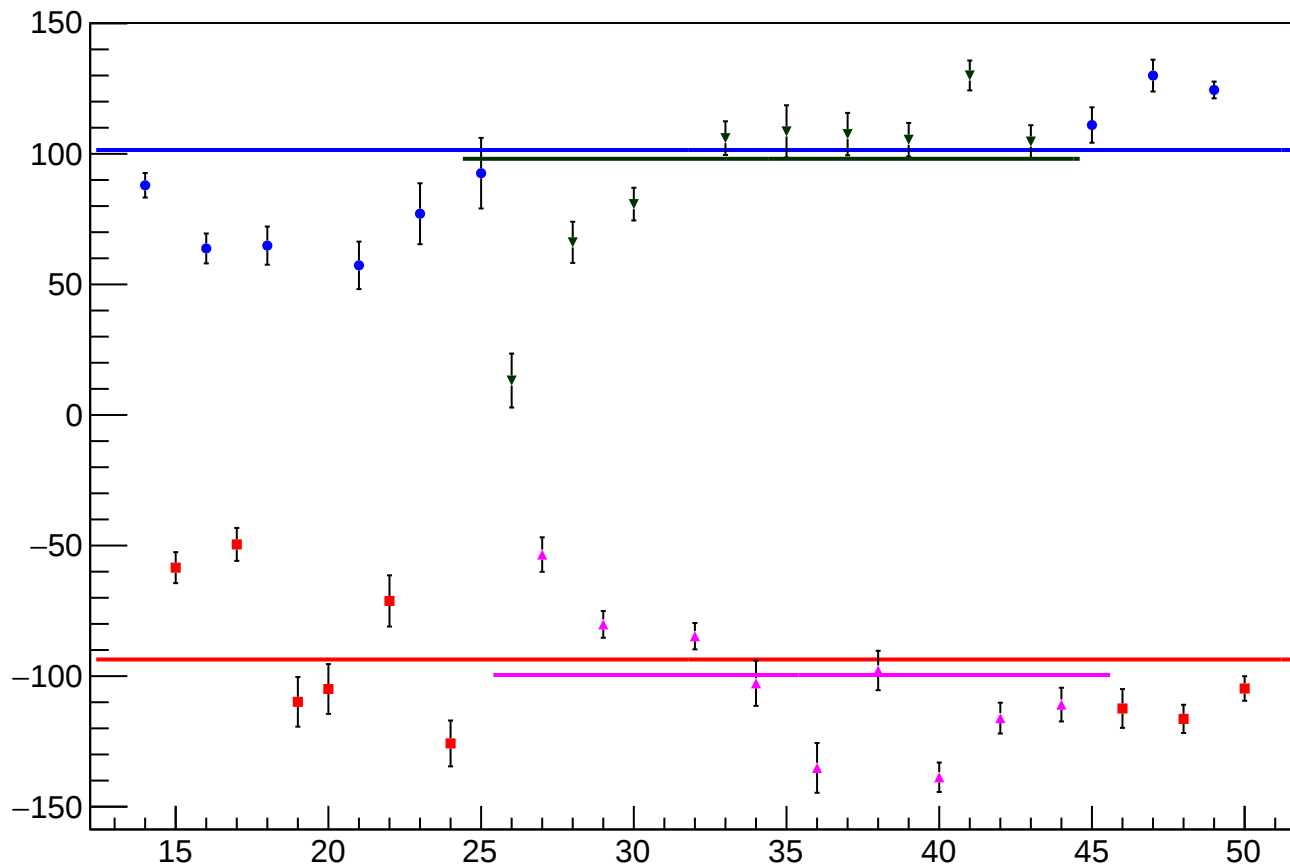
Left Out: 3.122 ± 0.365 χ^2/NDF : 14.7/8

Right Out: -0.760 ± 0.049 χ^2/NDF : 25.4/8

Left In: -4.192 ± 0.366 χ^2/NDF : 9.0/8

-0.371 ± 0.034 χ^2/NDF : 796.8/35

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 101.478+/-1.940 χ^2/NDF : 180.5/8

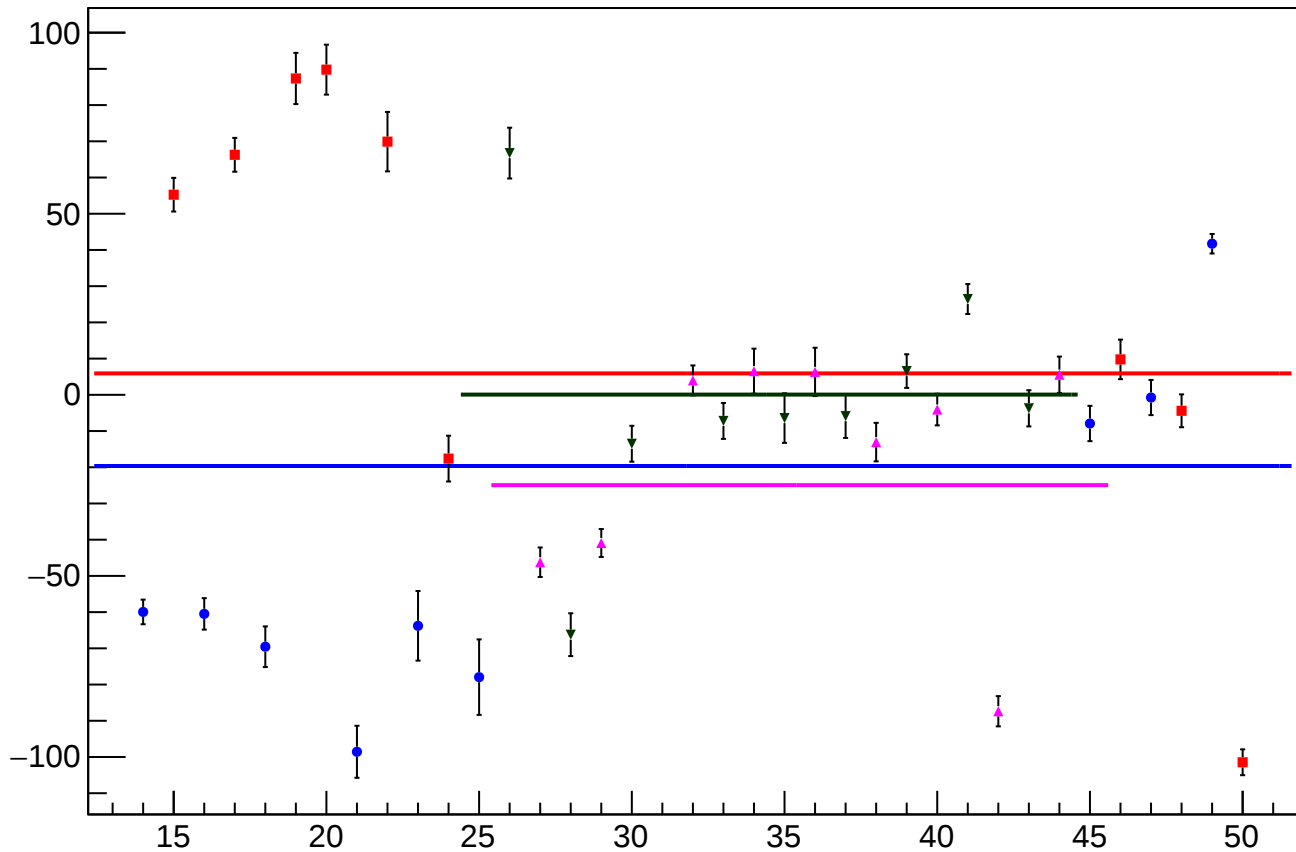
Left Out: 98.102+/-2.356 χ^2/NDF : 129.1/8

Right Out: -93.621+/-2.256 χ^2/NDF : 136.7/8

Left In: -99.563+/-2.101 χ^2/NDF : 145.0/8

4.236+/-1.073 χ^2/NDF : 9014.4/35

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -19.652 ± 1.518 $\chi^2/\text{NDF}: 1023.2/8$

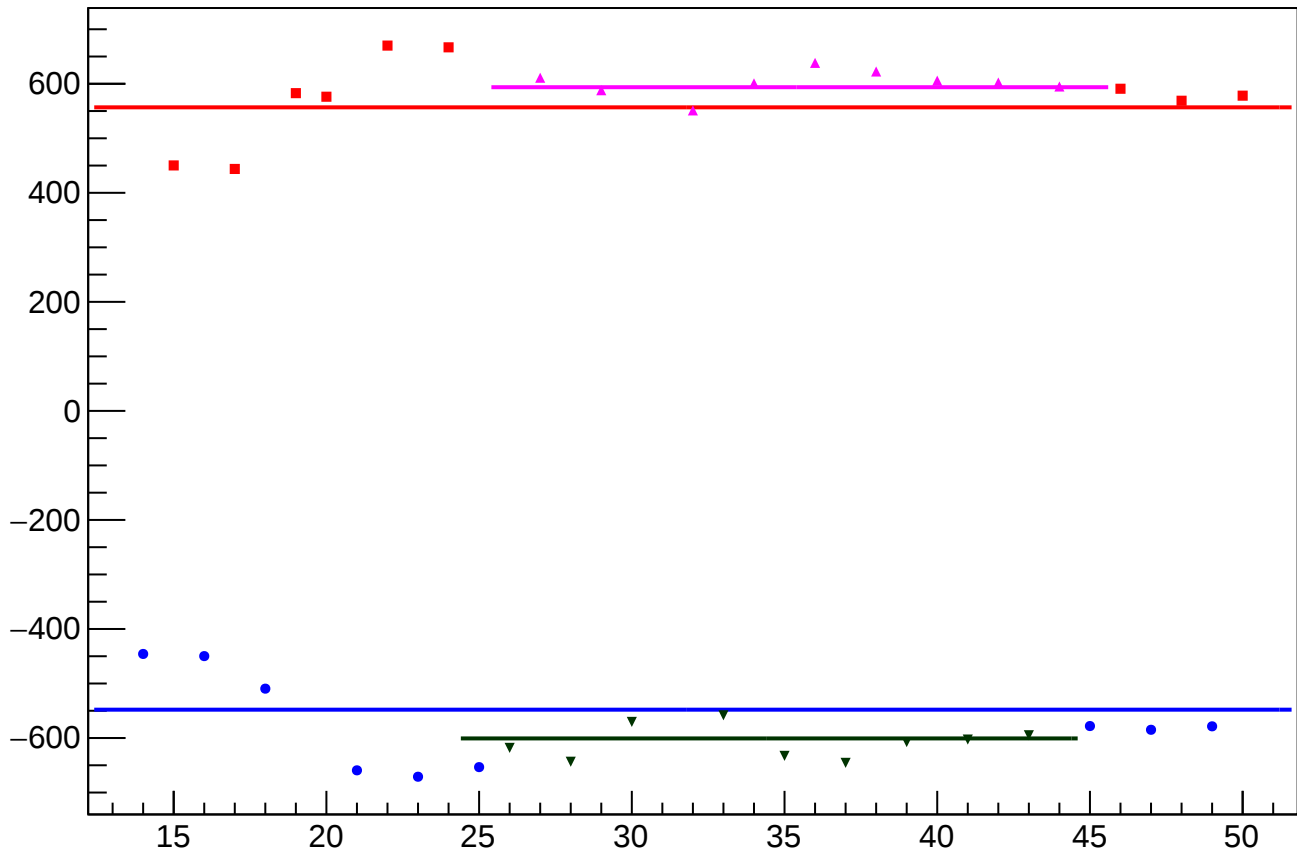
Left Out: 0.065 ± 1.757 $\chi^2/\text{NDF}: 271.1/8$

Right Out: 5.917 ± 1.731 $\chi^2/\text{NDF}: 1545.6/8$

Left In: -24.937 ± 1.545 $\chi^2/\text{NDF}: 429.3/8$

-11.241 ± 0.814 $\chi^2/\text{NDF}: 3518.2/35$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -548.014 $\pm$ 0.367 χ^2 /NDF: 35745.0/8

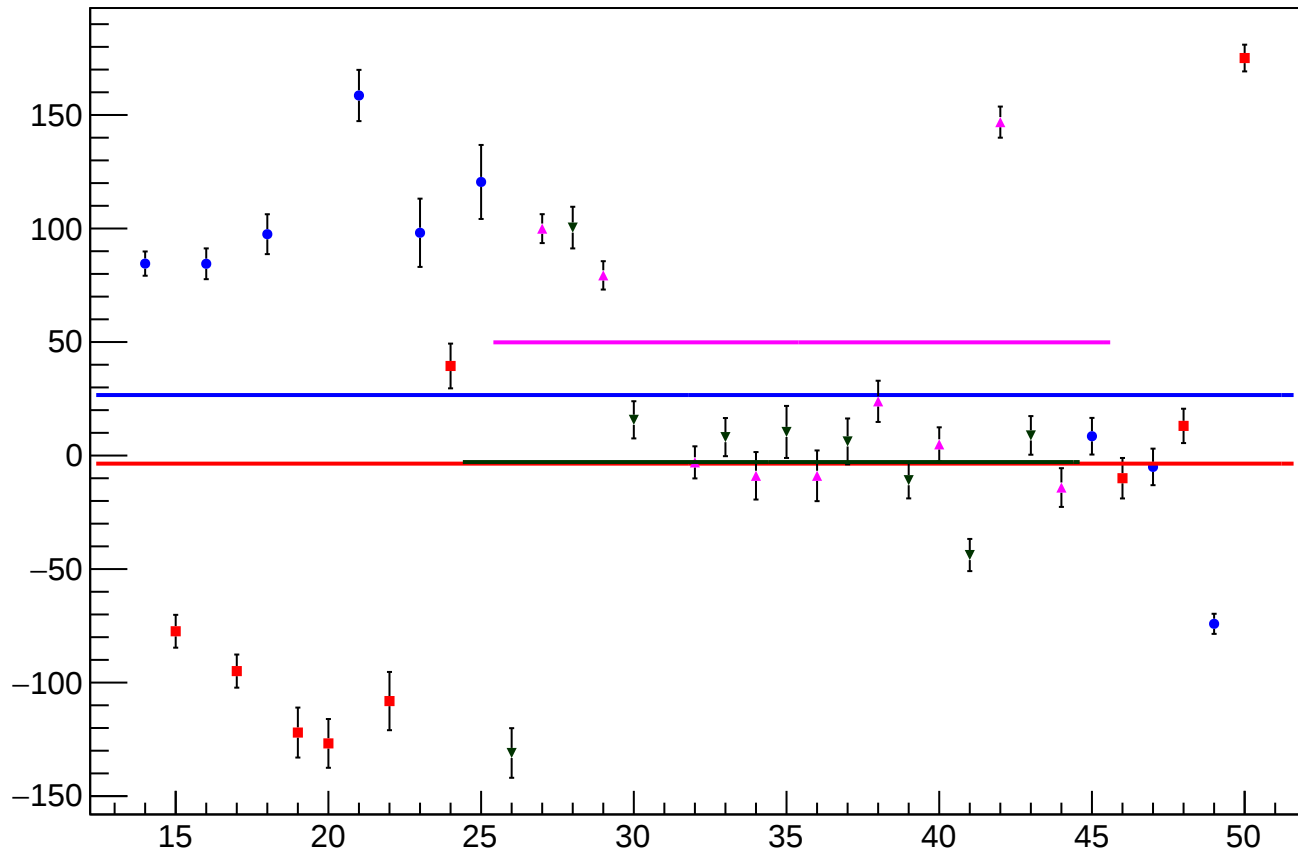
Left Out: -600.749 $\pm$ 0.393 χ^2 /NDF: 5250.8/8

Right Out: 556.787 $\pm$ 0.417 χ^2 /NDF: 27732.1/8

Left In: 593.704 $\pm$ 0.360 χ^2 /NDF: 4731.8/8

-6.375 $\pm$ 0.191 χ^2 /NDF: 9132554.0/35

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 26.650 $\pm$ 2.442 χ^2 /NDF: 986.5/8

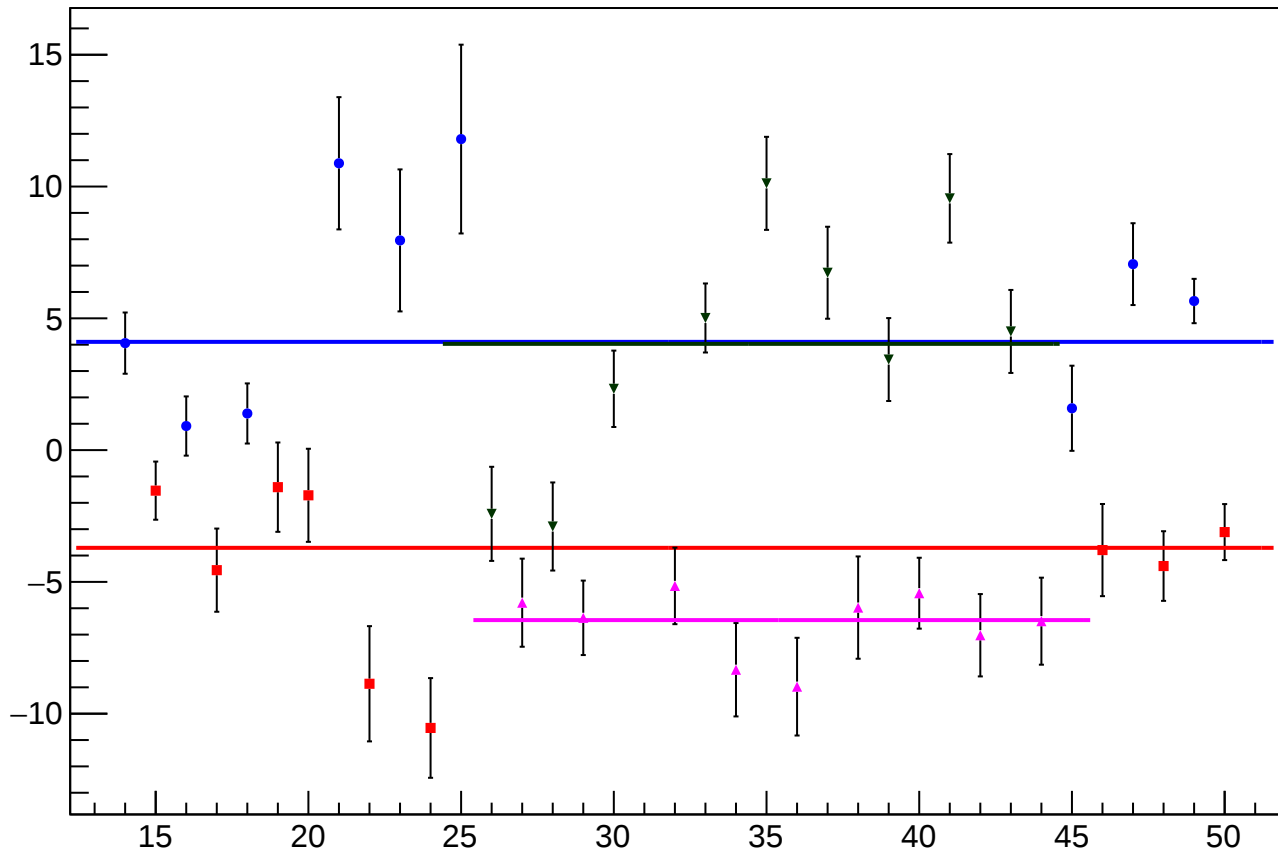
Left Out: -2.868 $\pm$ 2.936 χ^2 /NDF:309.5/8

Right Out: -3.560 $\pm$ 2.772 χ^2 /NDF: 1520.3/8

Left In: 49.858 $\pm$ 2.562 χ^2 /NDF:500.0/8

19.907 $\pm$ 1.329 χ^2 /NDF: 3592.3/35

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 4.107 ± 0.452 $\chi^2/\text{NDF}: 37.1/8$

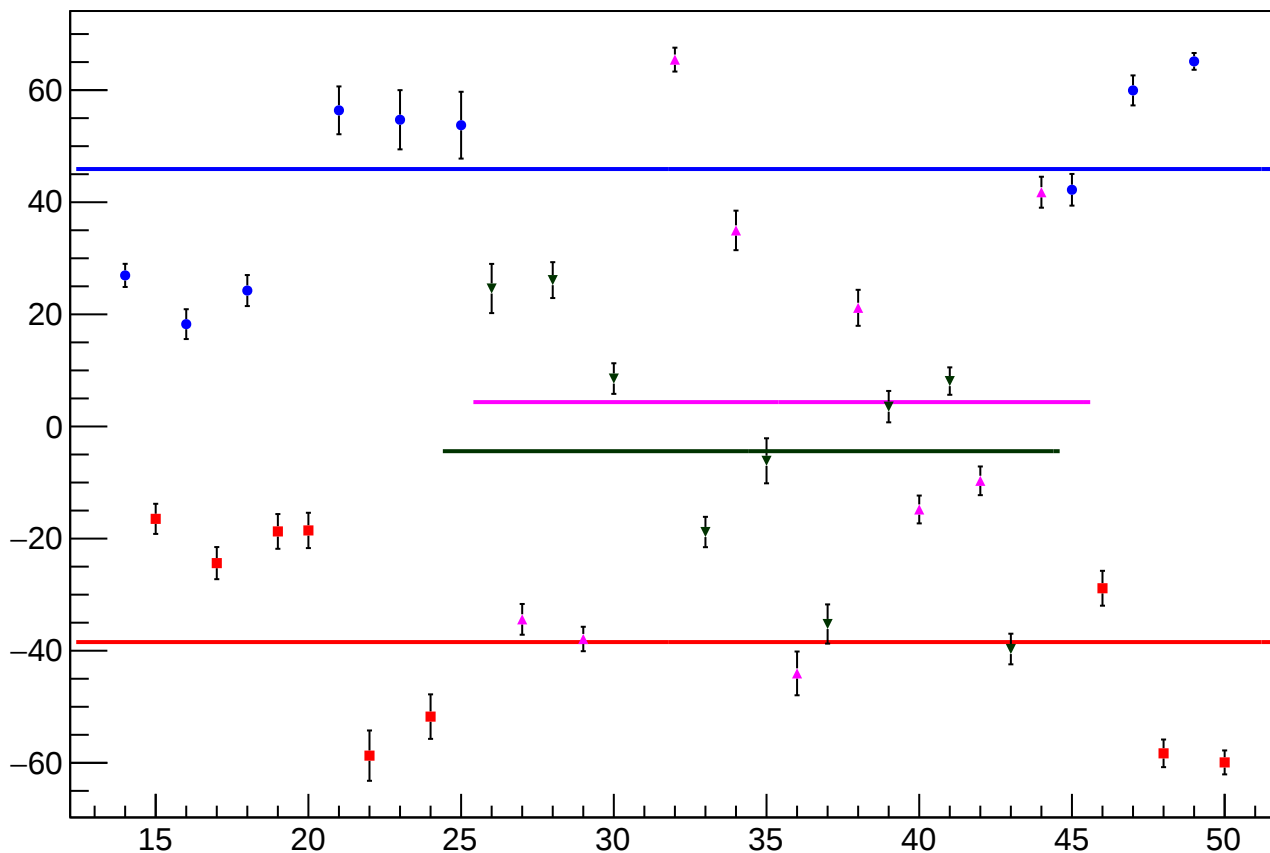
Left Out: 4.032 ± 0.531 $\chi^2/\text{NDF}: 57.5/8$

Right Out: -3.708 ± 0.490 $\chi^2/\text{NDF}: 26.5/8$

Left In: -6.449 ± 0.532 $\chi^2/\text{NDF}: 4.7/8$

-0.243 ± 0.249 $\chi^2/\text{NDF}: 469.4/35$

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 45.922+/-0.865 χ^2/NDF : 458.6/8

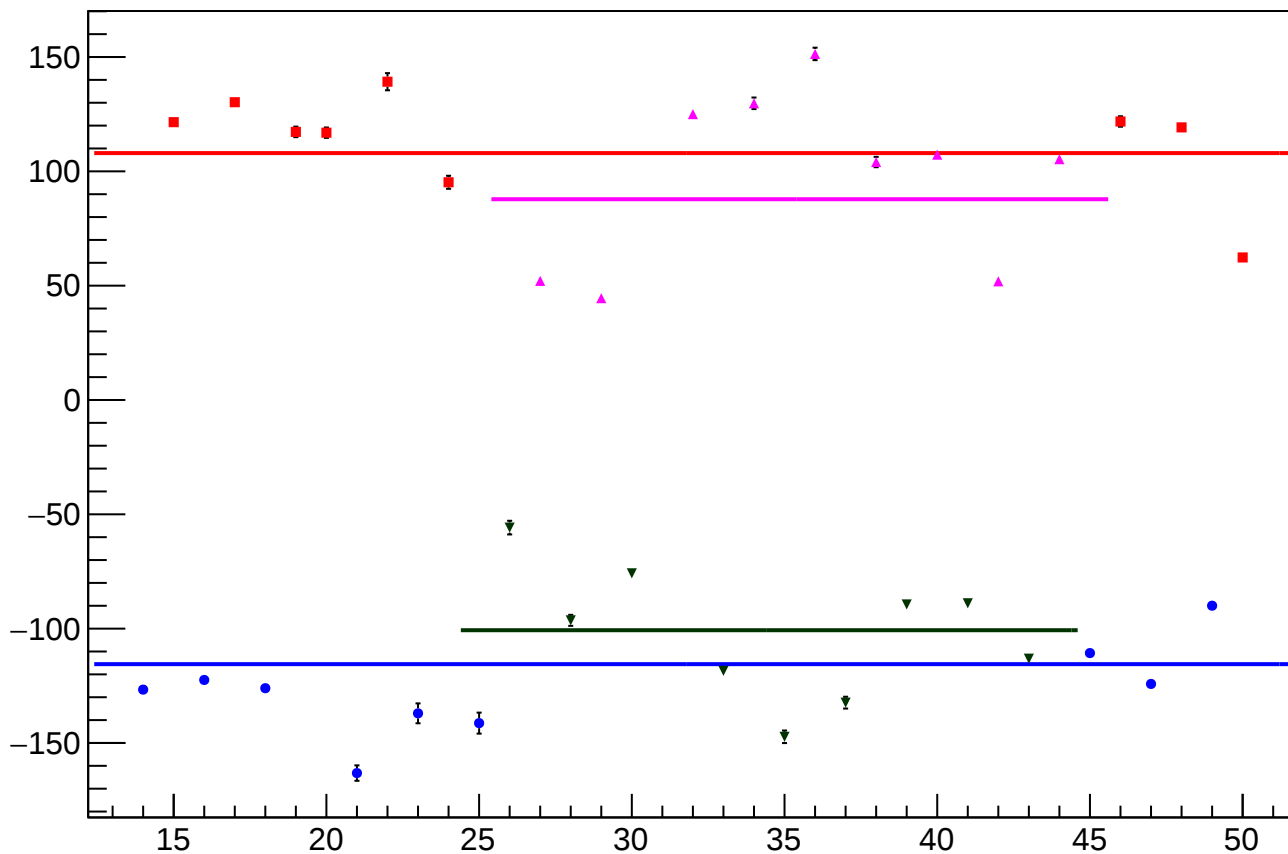
Left Out: -4.407+/-1.004 χ^2/NDF : 464.5/8

Right Out: -38.458+/-0.969 χ^2/NDF : 378.5/8

Left In: 4.347+/-0.893 χ^2/NDF : 1927.7/8

4.633+/-0.464 χ^2/NDF : 7569.3/35

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -115.534+/-0.674 χ^2/NDF : 784.1/8

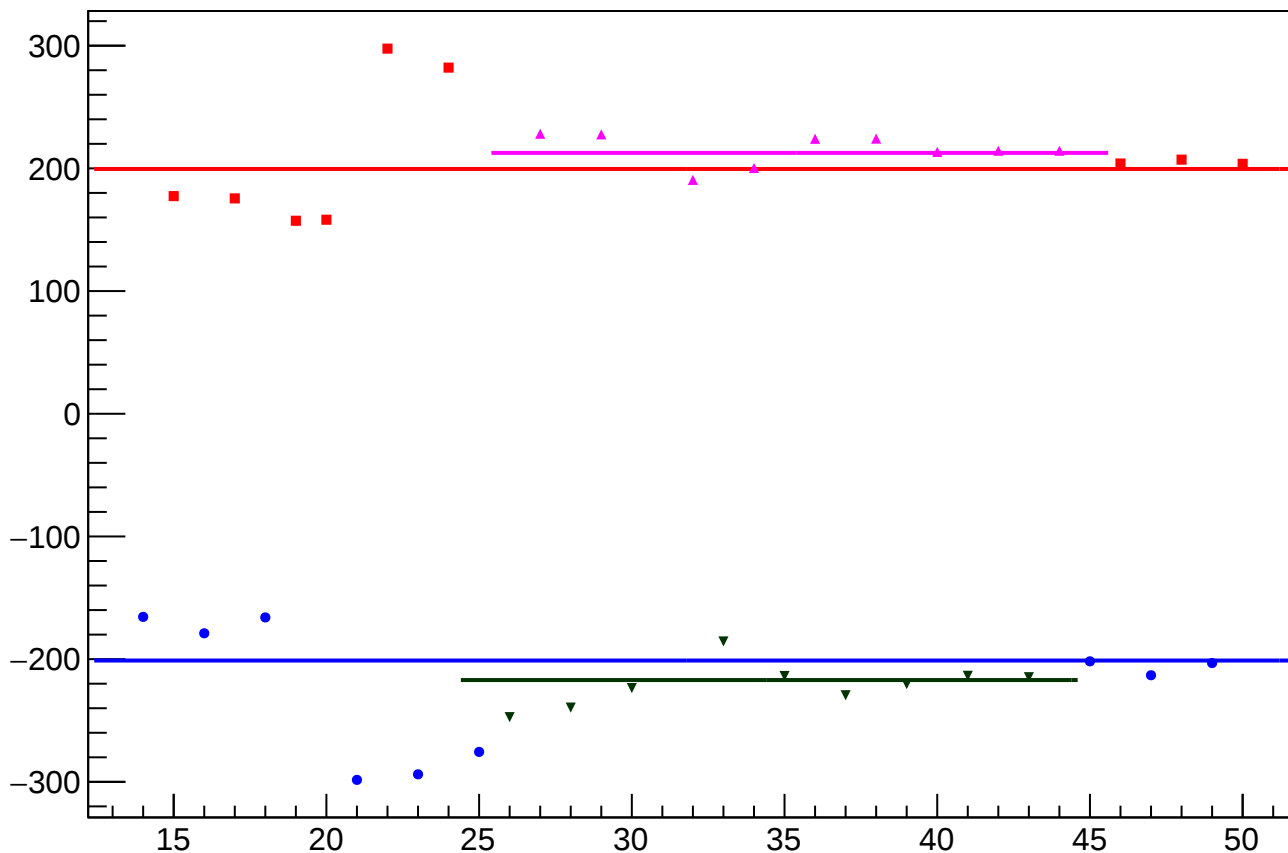
Left Out: -100.691+/-0.748 χ^2/NDF : 978.9/8

Right Out: 107.983+/-0.739 χ^2/NDF : 1131.5/8

Left In: 87.803+/-0.654 χ^2/NDF : 3037.1/8

-3.866+/-0.350 χ^2/NDF : 92602.7/35

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -201.125+/-0.163 χ^2/NDF : 46713.2/8

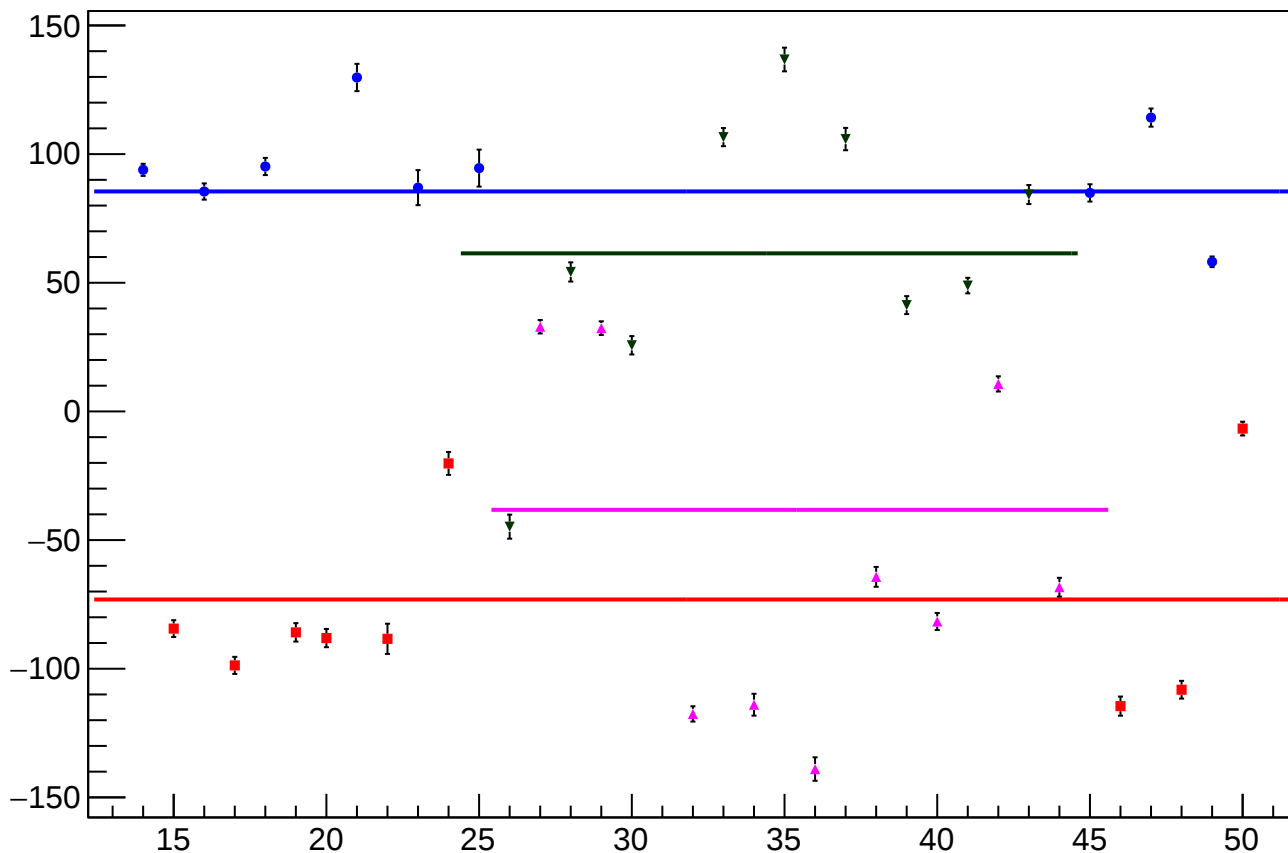
Left Out: -217.033+/-0.168 χ^2/NDF : 9889.6/8

Right Out: 199.522+/-0.179 χ^2/NDF : 41054.1/8

Left In: 212.625+/-0.153 χ^2/NDF : 8043.8/8

-0.091+/-0.082 χ^2/NDF : 6488060.0/35

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 85.491+/-1.084 χ^2/NDF : 334.4/8

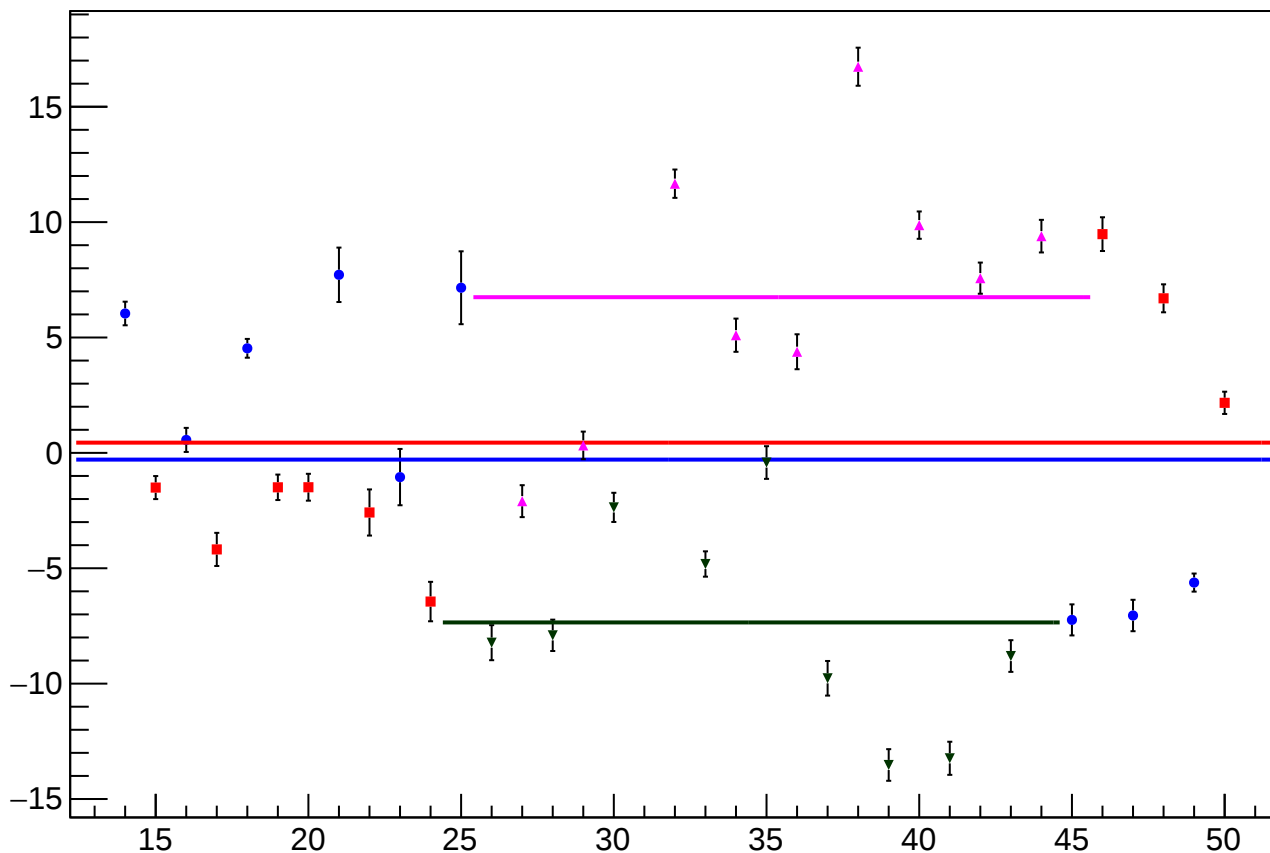
Left Out: 61.427+/-1.249 χ^2/NDF : 1247.3/8

Right Out: -73.081+/-1.181 χ^2/NDF : 1095.0/8

Left In: -38.244+/-1.083 χ^2/NDF : 3520.8/8

8.868+/-0.571 χ^2/NDF : 19676.3/35

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -0.292 ± 0.195 χ^2/NDF : 754.7/8

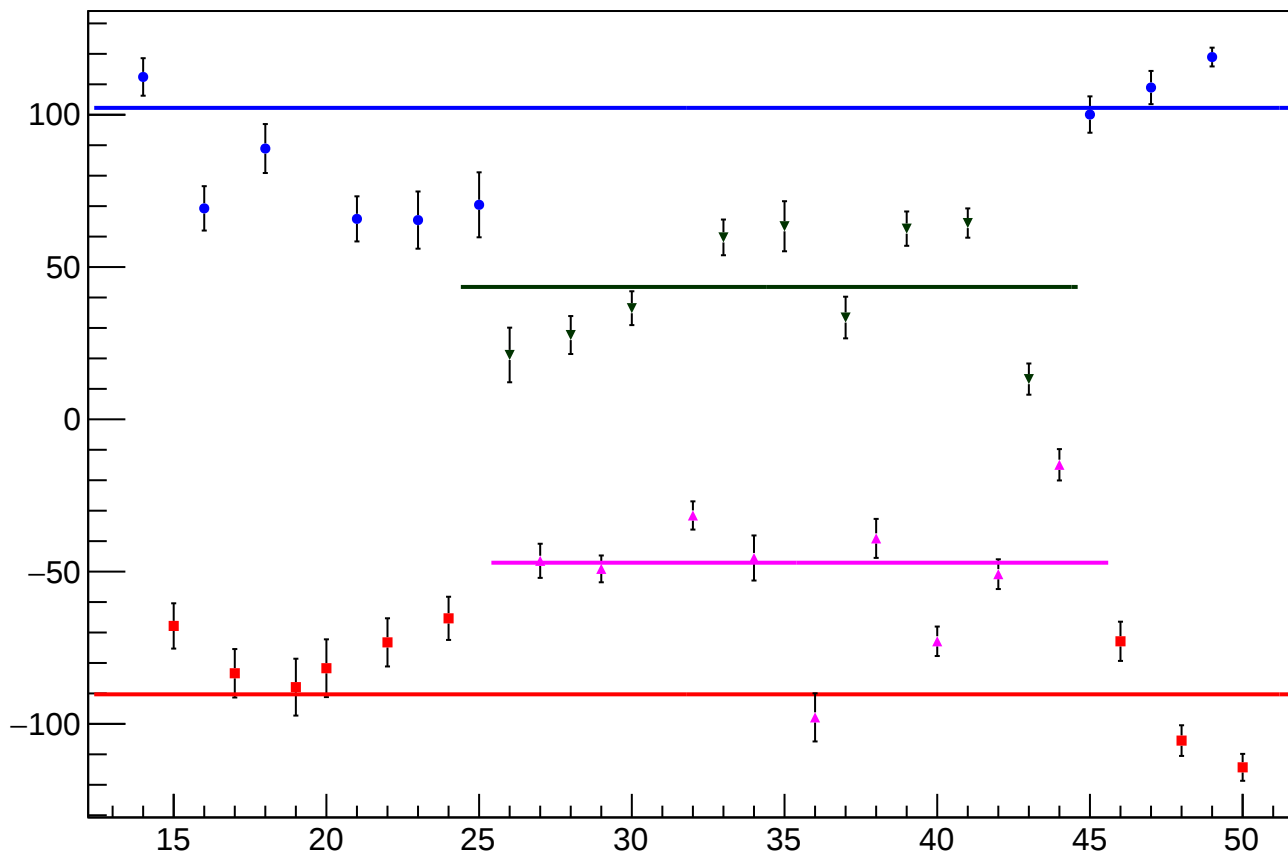
Left Out: -7.348 ± 0.225 χ^2/NDF : 344.7/8

Right Out: 0.443 ± 0.207 χ^2/NDF : 425.9/8

Left In: 6.747 ± 0.225 χ^2/NDF : 547.5/8

-0.098 ± 0.106 χ^2/NDF : 4039.6/35

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 102.266 $\pm$ 1.938 χ^2/NDF : 105.5/8

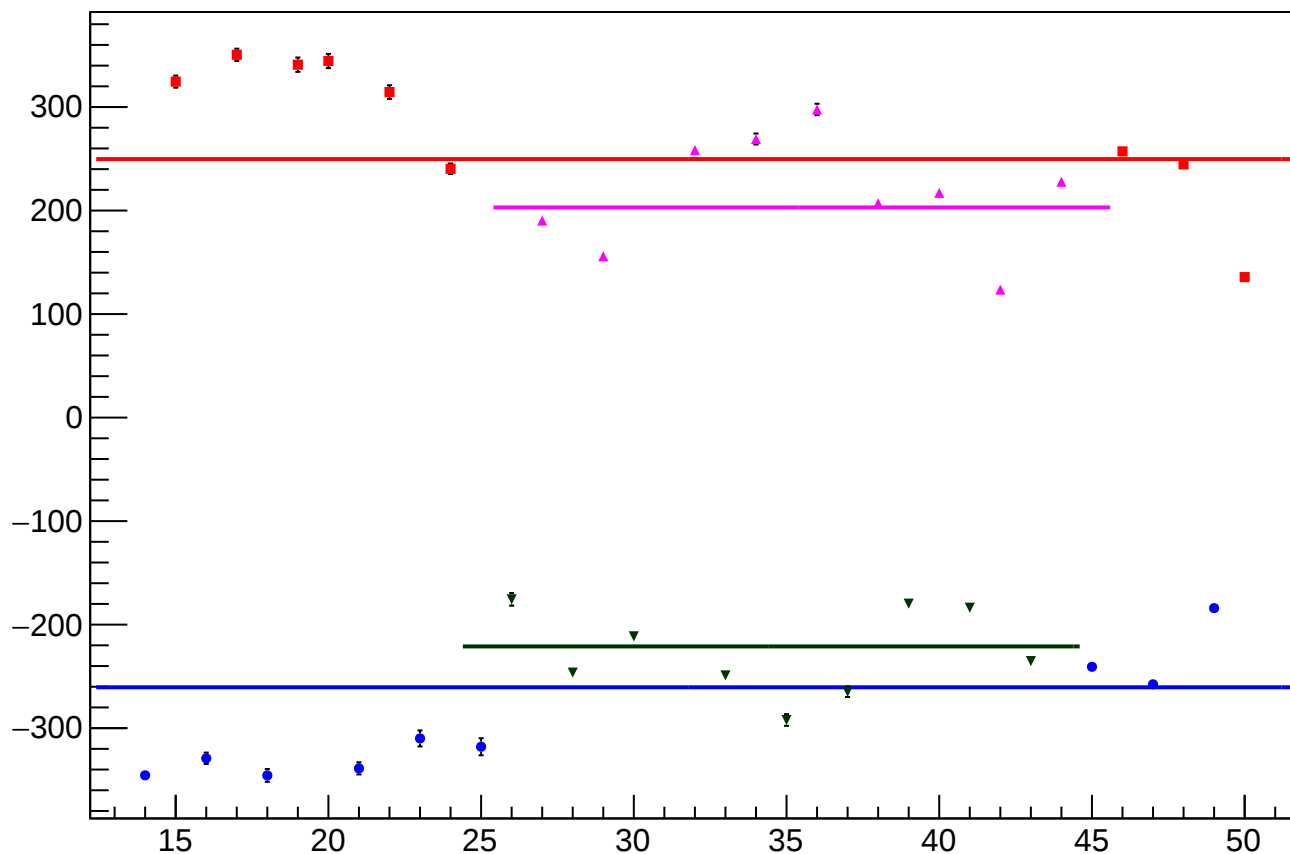
Left Out: 43.469 $\pm$ 2.005 χ^2/NDF : 95.4/8

Right Out: -90.297 $\pm$ 2.197 χ^2/NDF : 73.6/8

Left In: -47.079 $\pm$ 1.793 χ^2/NDF : 122.4/8

4.531 $\pm$ 0.984 χ^2/NDF : 6007.8/35

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -260.533+/-1.531 χ^2/NDF : 1871.5/8

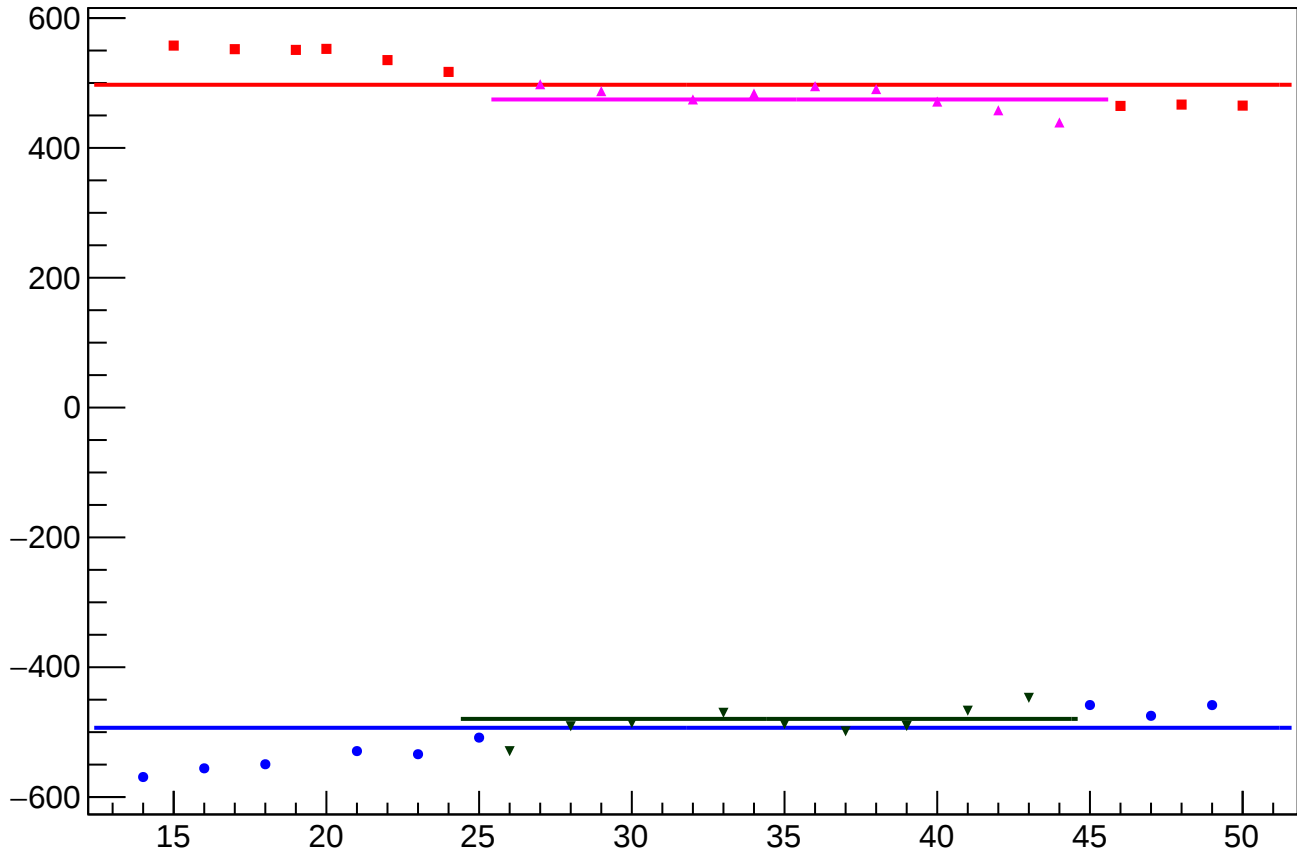
Left Out: -221.044+/-1.496 χ^2/NDF : 593.9/8

Right Out: 249.720+/-1.687 χ^2/NDF : 2085.0/8

Left In: 203.012+/-1.312 χ^2/NDF : 1461.2/8

-2.343+/-0.744 χ^2/NDF : 102677.1/35

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -493.286+/-0.362 χ^2/NDF : 13584.7/8

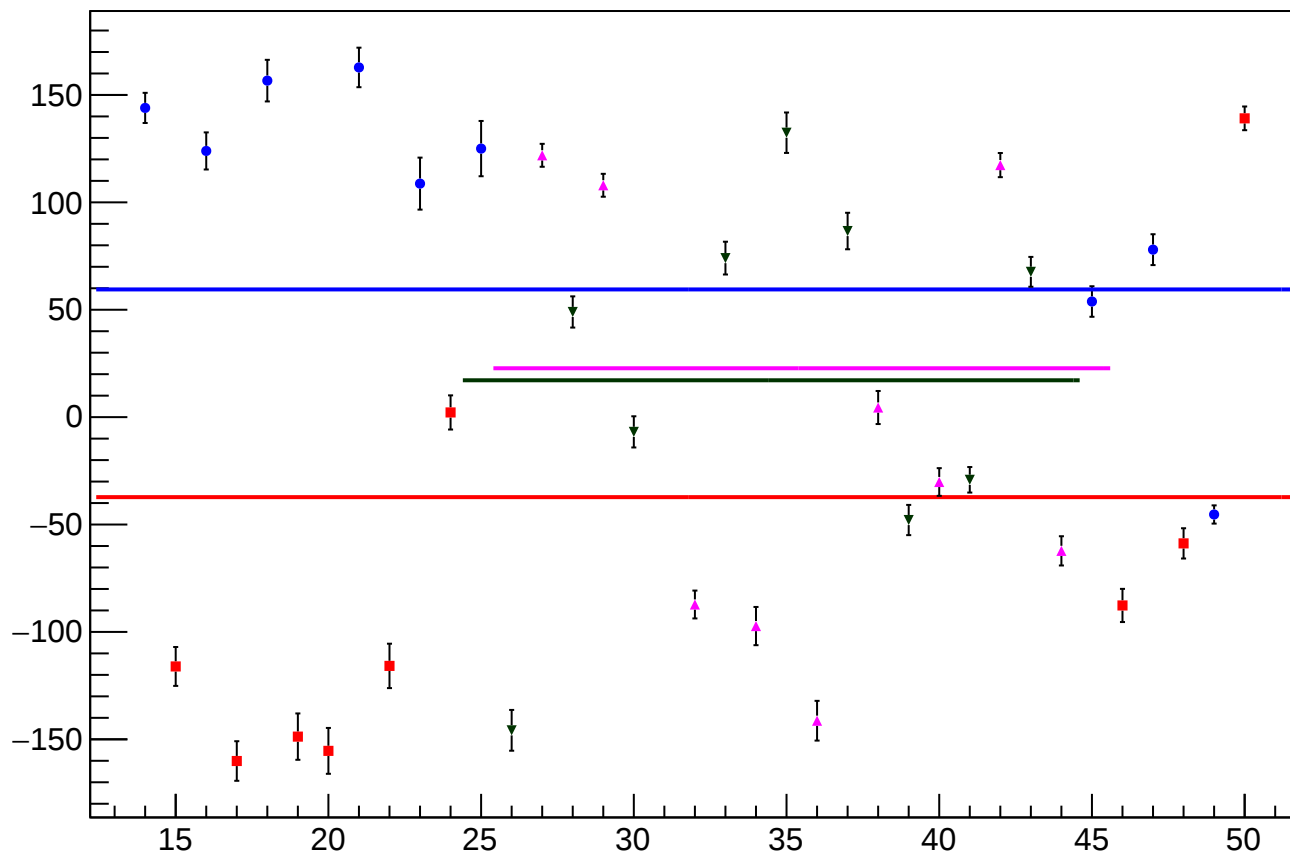
Left Out: -479.578+/-0.336 χ^2/NDF : 3549.6/8

Right Out: 497.257+/-0.402 χ^2/NDF : 9449.6/8

Left In: 474.603+/-0.308 χ^2/NDF : 3381.7/8

1.647+/-0.173 χ^2/NDF : 7837525.9/35

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 59.456+/-2.471 χ^2 /NDF: 1087.0/8

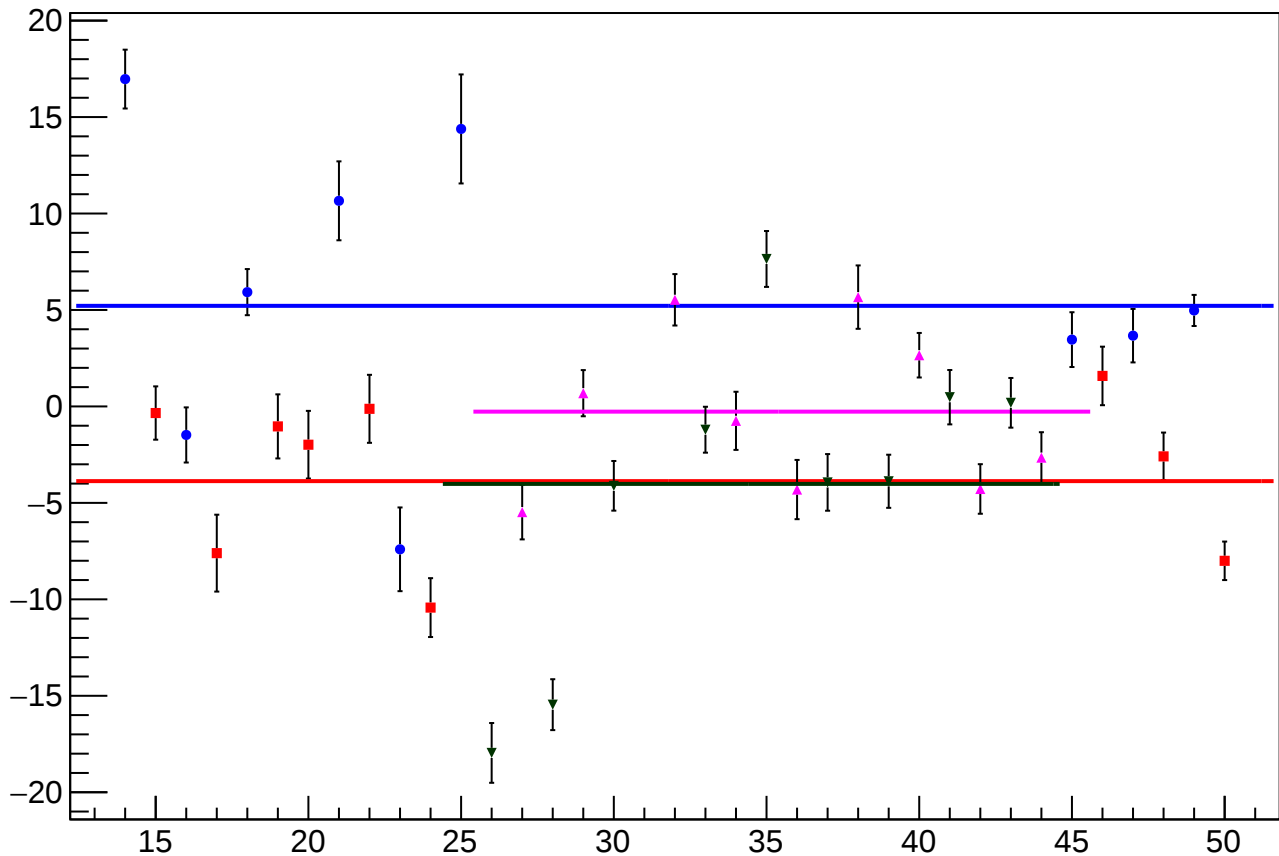
Left Out: 17.160+/-2.496 χ^2 /NDF:796.1/8

Right Out: -37.246+/-2.709 χ^2 /NDF: 1638.6/8

Left In: 22.755+/-2.169 χ^2 /NDF:1896.6/8

18.202+/-1.219 χ^2 /NDF: 6120.5/35

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 5.214 ± 0.459 χ^2/NDF : 136.0/8

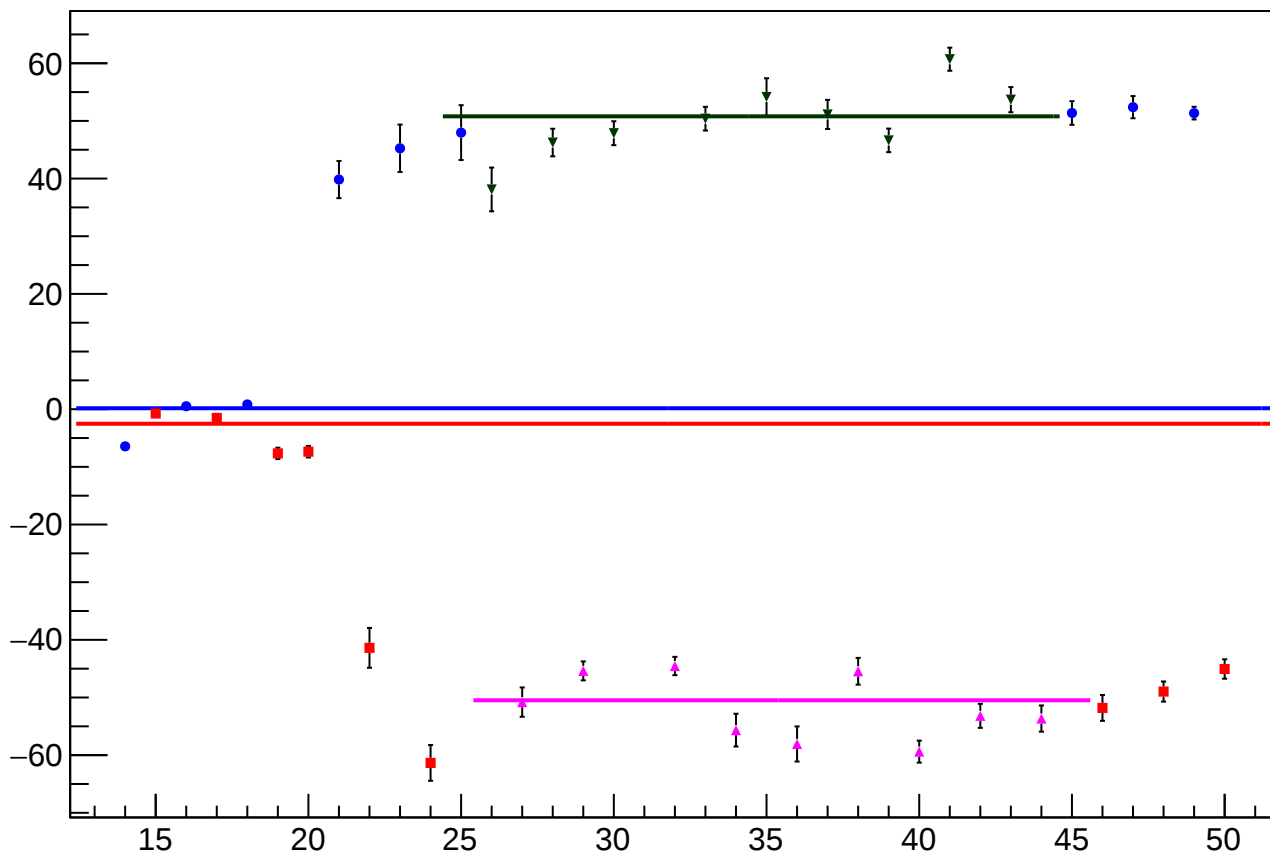
Left Out: -4.016 ± 0.453 χ^2/NDF : 247.5/8

Right Out: -3.872 ± 0.482 χ^2/NDF : 68.2/8

Left In: -0.270 ± 0.450 χ^2/NDF : 72.6/8

-0.680 ± 0.230 χ^2/NDF : 788.4/35

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 0.167+/-0.146 χ^2/NDF : 4528.7/8

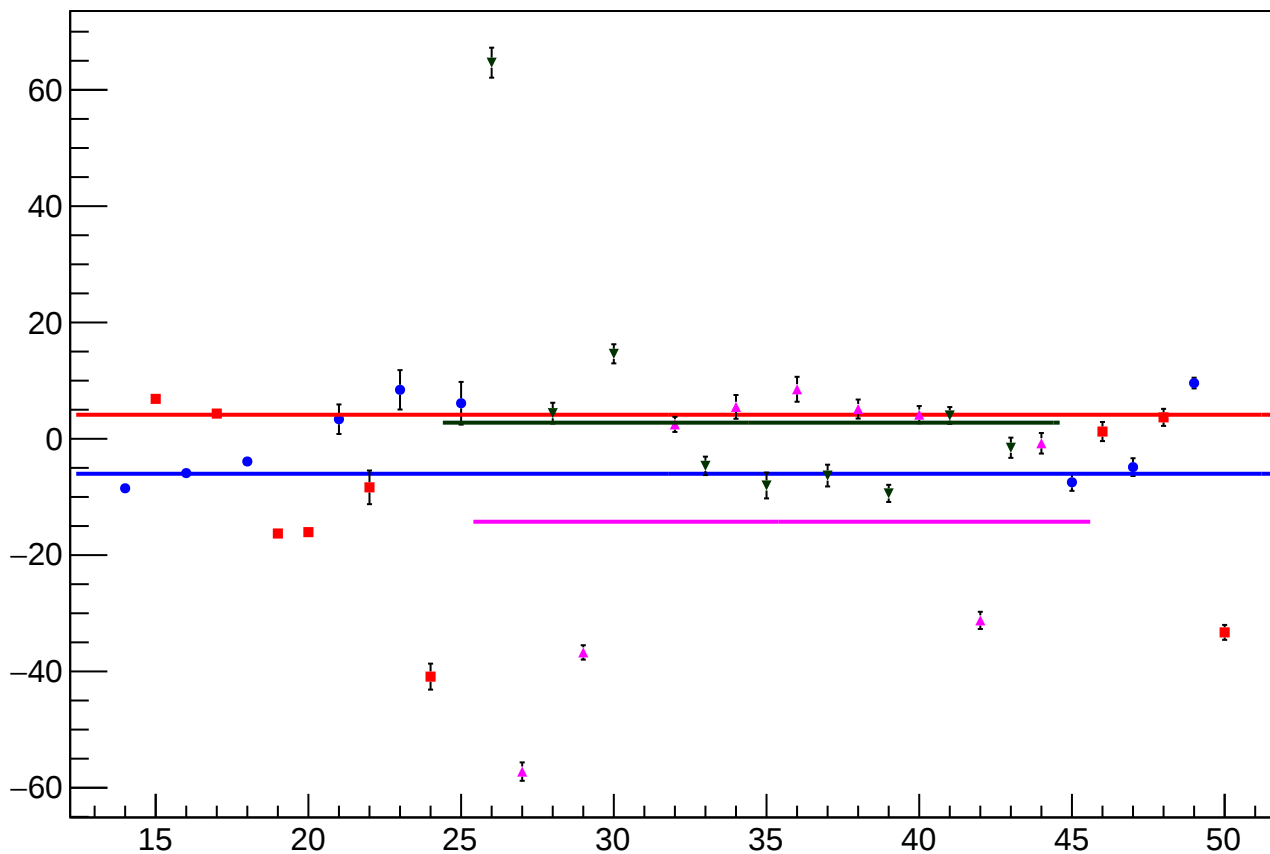
Left Out: 50.793+/-0.775 χ^2/NDF : 48.3/8

Right Out: -2.521+/-0.150 χ^2/NDF : 2460.2/8

Left In: -50.488+/-0.701 χ^2/NDF : 63.2/8

-1.286+/-0.103 χ^2/NDF : 16709.9/35

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.011 ± 0.109 $\chi^2/\text{NDF}: 579.5/8$

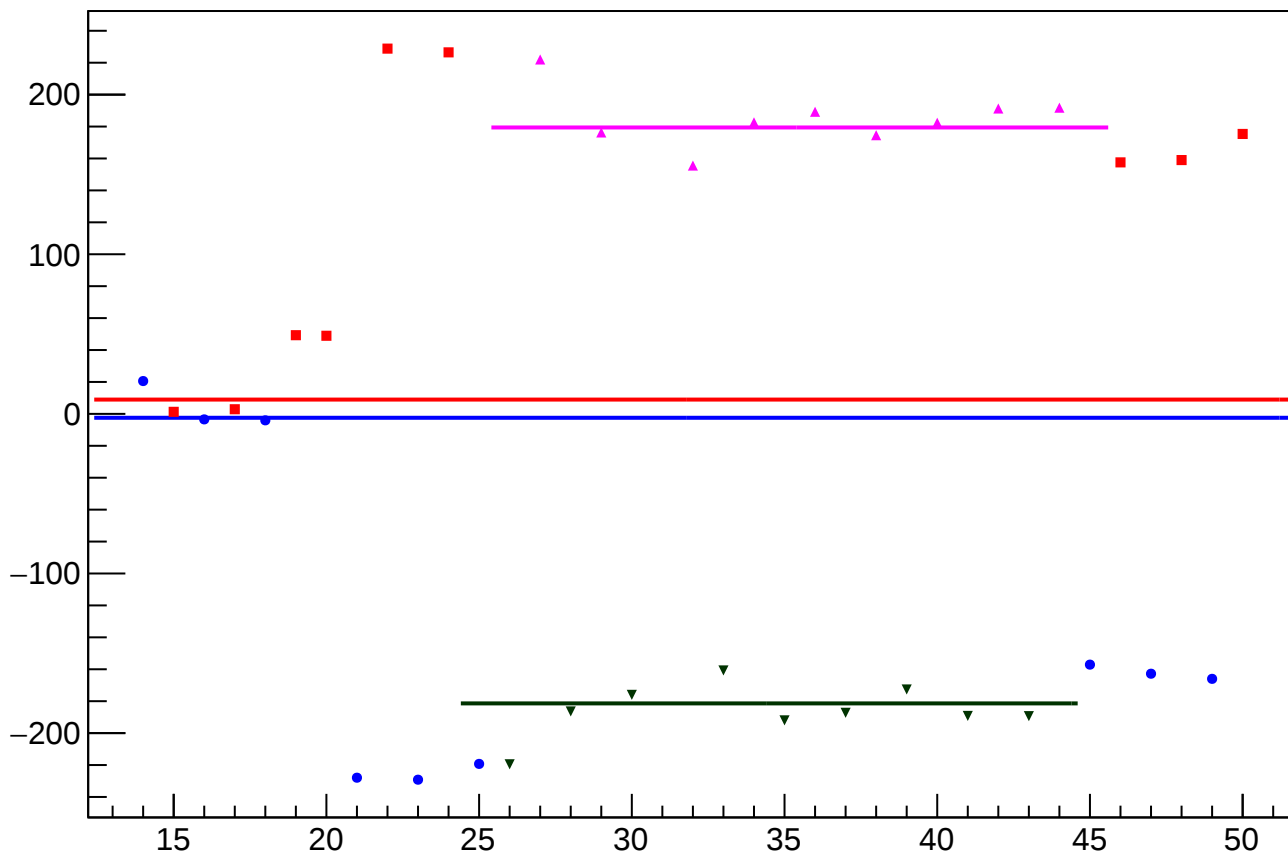
Left Out: 2.776 ± 0.578 $\chi^2/\text{NDF}: 772.4/8$

Right Out: 4.137 ± 0.115 $\chi^2/\text{NDF}: 3121.6/8$

Left In: -14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

-1.387 ± 0.078 $\chi^2/\text{NDF}: 11176.7/35$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -2.447+/-0.028 χ^2/NDF : 1519069.8/8

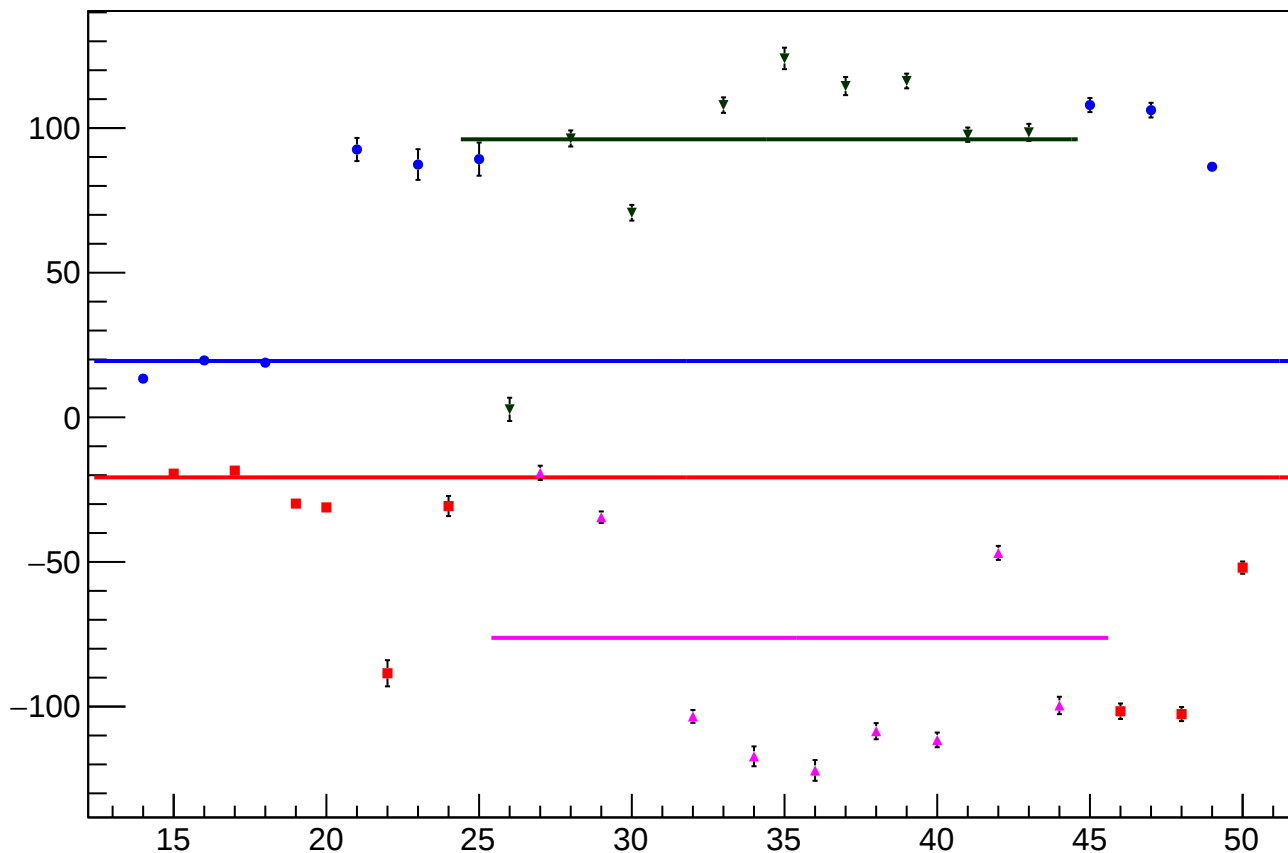
Left Out: -181.384+/-0.129 χ^2/NDF : 10642.5/8

Right Out: 8.957+/-0.029 χ^2/NDF : 1087420.0/8

Left In: 179.424+/-0.120 χ^2/NDF : 21031.0/8

3.649+/-0.020 χ^2/NDF : 6929404.9/35

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 19.465+/-0.172 χ^2/NDF : 5486.8/8

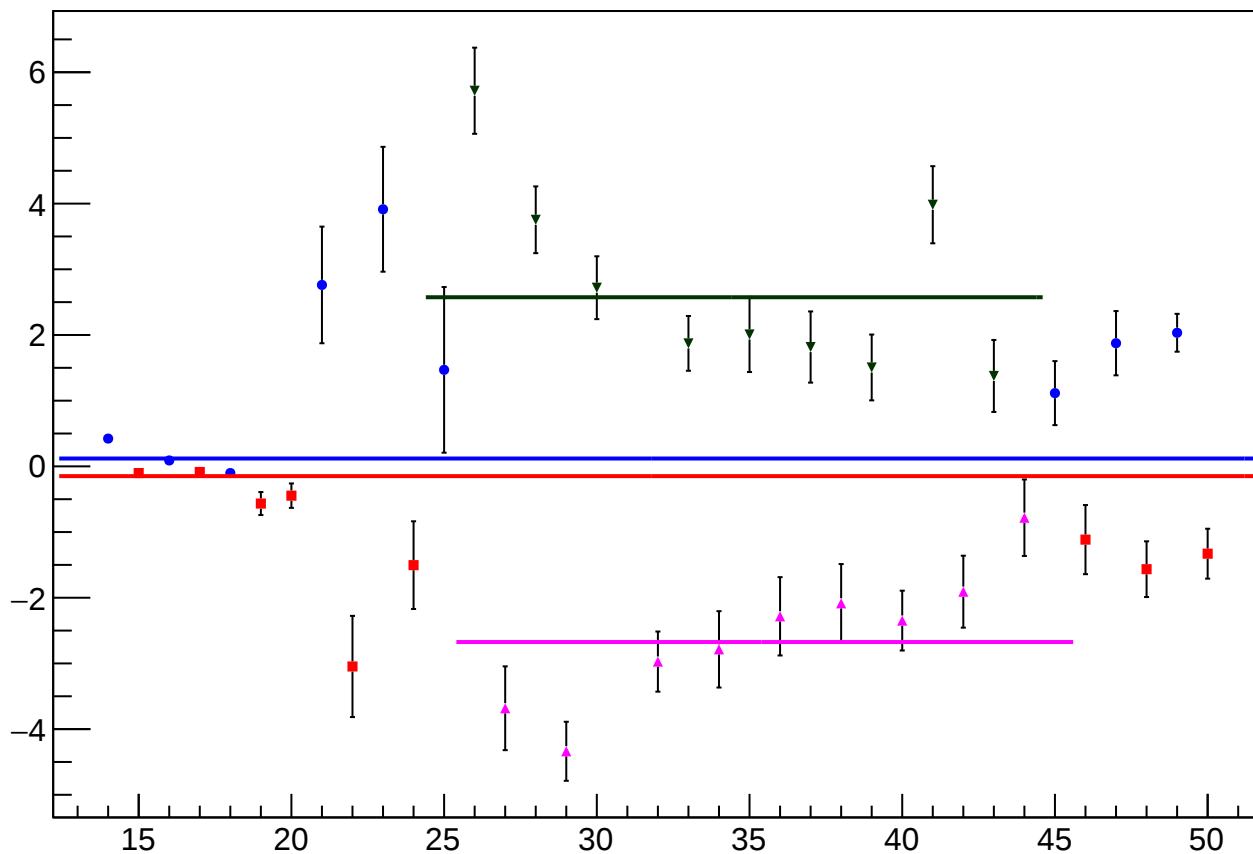
Left Out: 96.116+/-0.966 χ^2/NDF : 801.0/8

Right Out: -20.757+/-0.179 χ^2/NDF : 2729.5/8

Left In: -76.248+/-0.863 χ^2/NDF : 1954.9/8

0.165+/-0.122 χ^2/NDF : 55034.5/35

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.119+/-0.029 χ^2/NDF : 129.7/8

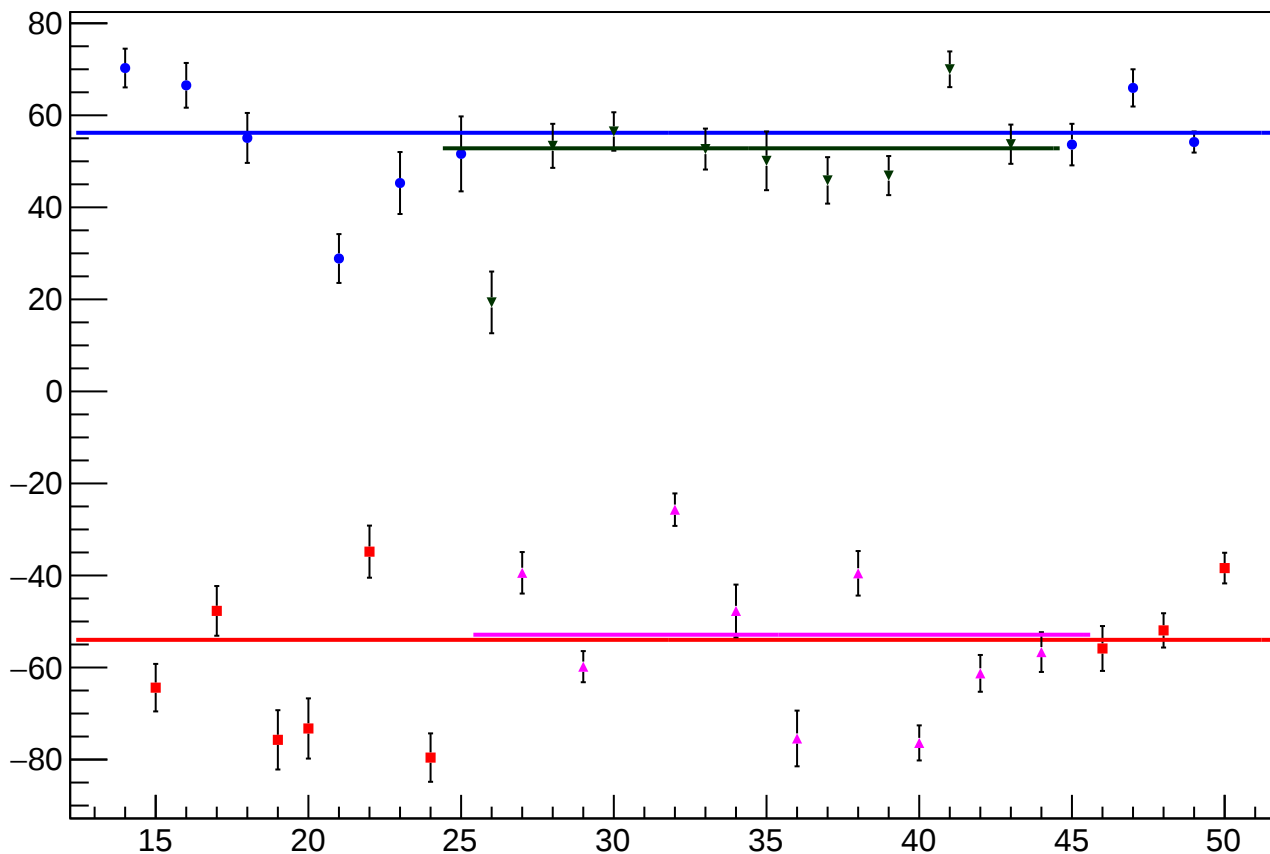
Left Out: 2.574+/-0.174 χ^2/NDF : 49.3/8

Right Out: -0.149+/-0.031 χ^2/NDF : 53.3/8

Left In: -2.674+/-0.177 χ^2/NDF : 31.1/8

-0.004+/-0.021 χ^2/NDF : 750.4/35

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 56.202 ± 1.406 χ^2/NDF : 52.1/8

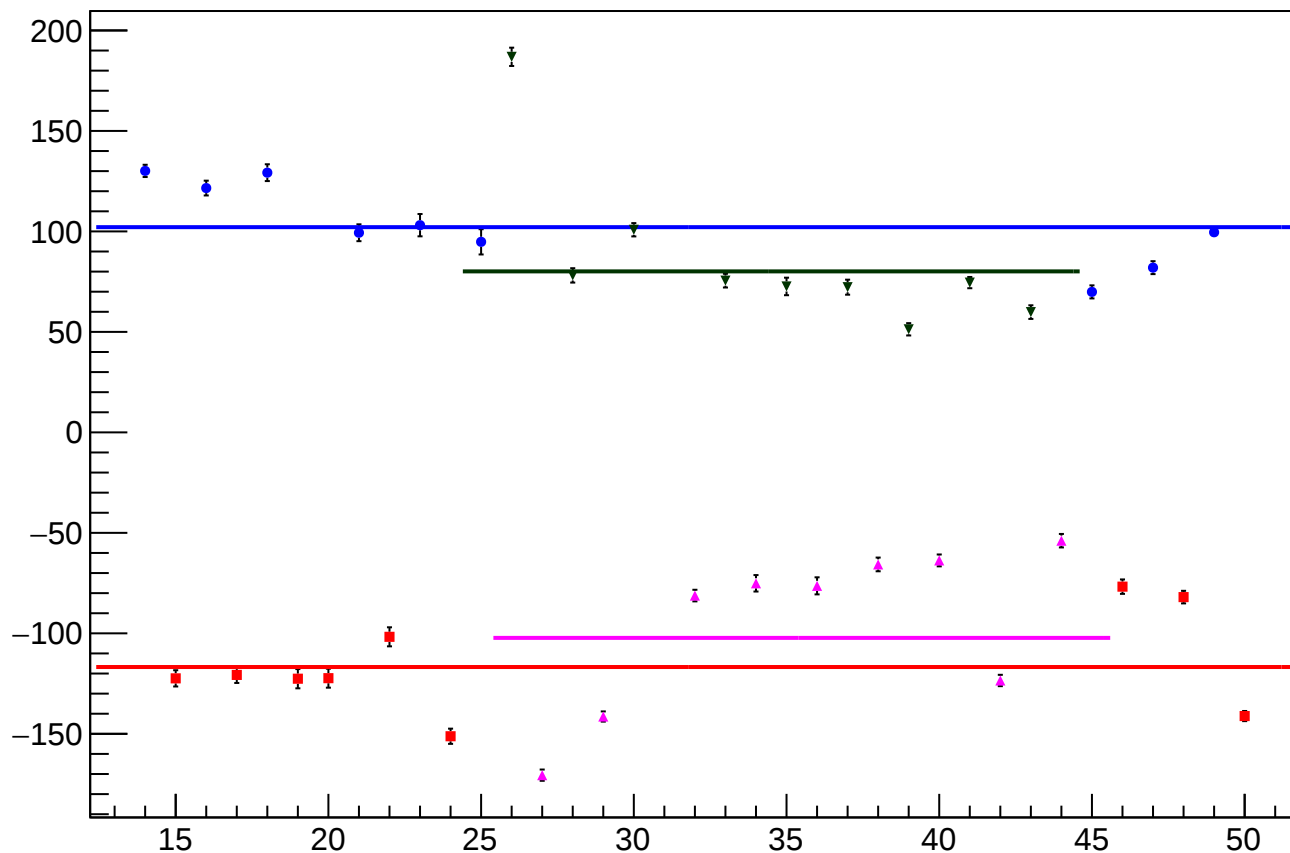
Left Out: 52.828 ± 1.553 χ^2/NDF : 49.4/8

Right Out: -53.987 ± 1.600 χ^2/NDF : 82.9/8

Left In: -52.873 ± 1.411 χ^2/NDF : 137.9/8

1.479 ± 0.743 χ^2/NDF : 5616.8/35

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 102.118+/-1.108 χ^2/NDF : 295.5/8

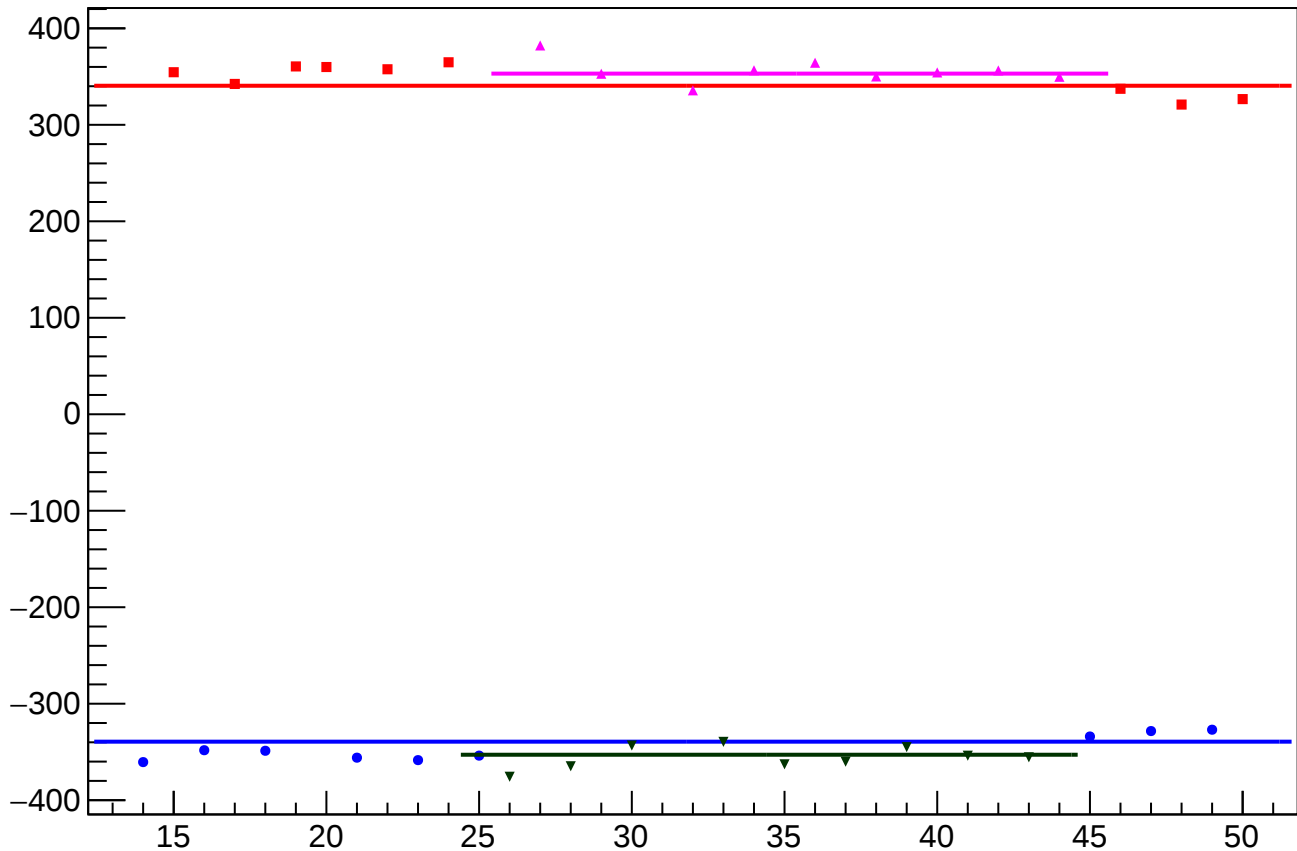
Left Out: 80.107+/-1.156 χ^2/NDF : 725.9/8

Right Out: -116.759+/-1.228 χ^2/NDF : 440.1/8

Left In: -102.262+/-1.036 χ^2/NDF : 1514.4/8

-9.369+/-0.563 χ^2/NDF : 34775.6/35

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -339.347+/-0.263 χ^2/NDF : 2541.3/8

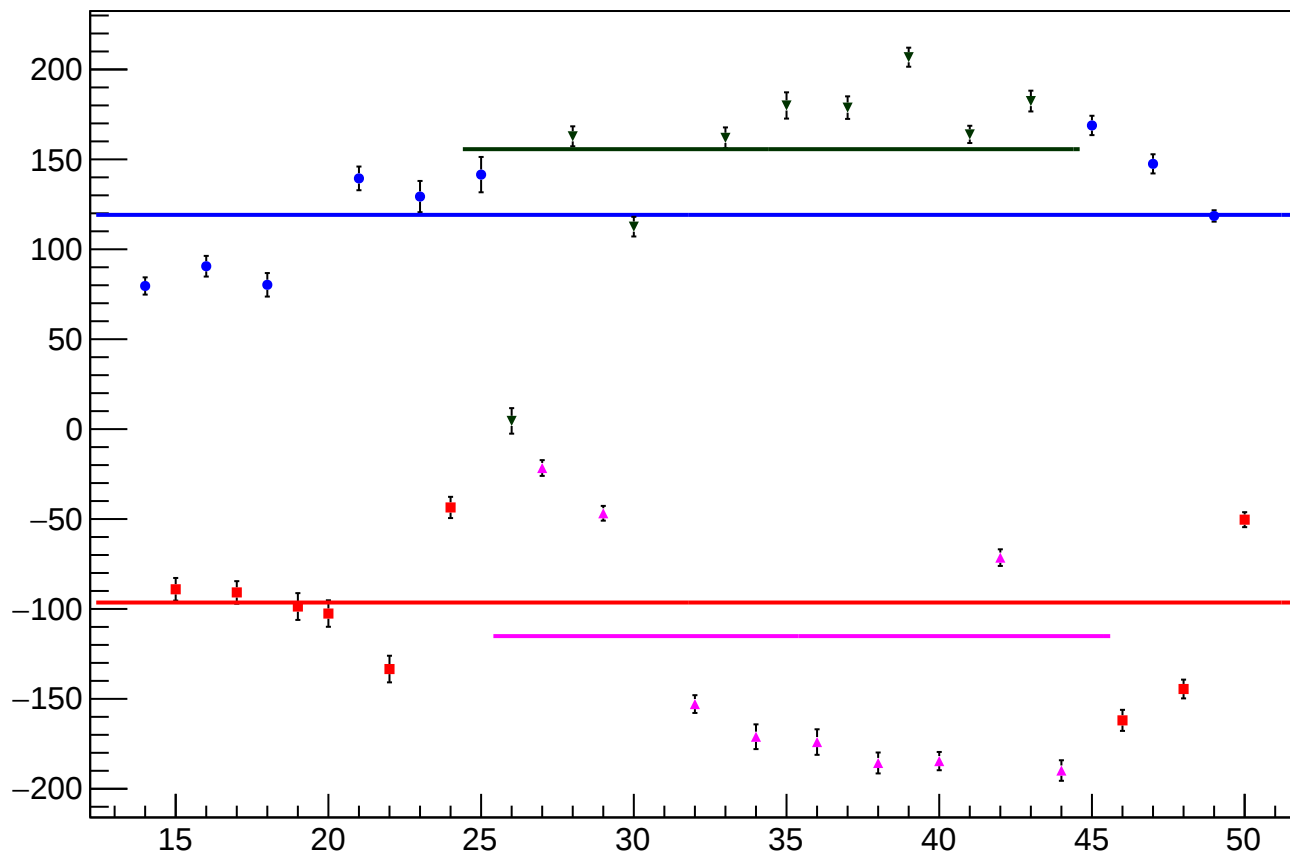
Left Out: -352.892+/-0.259 χ^2/NDF : 1502.2/8

Right Out: 340.490+/-0.293 χ^2/NDF : 2862.4/8

Left In: 353.066+/-0.242 χ^2/NDF : 2507.5/8

-2.869+/-0.131 χ^2/NDF : 7004413.0/35

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 119.137 $\pm$ 1.786 χ^2 /NDF: 258.0/8

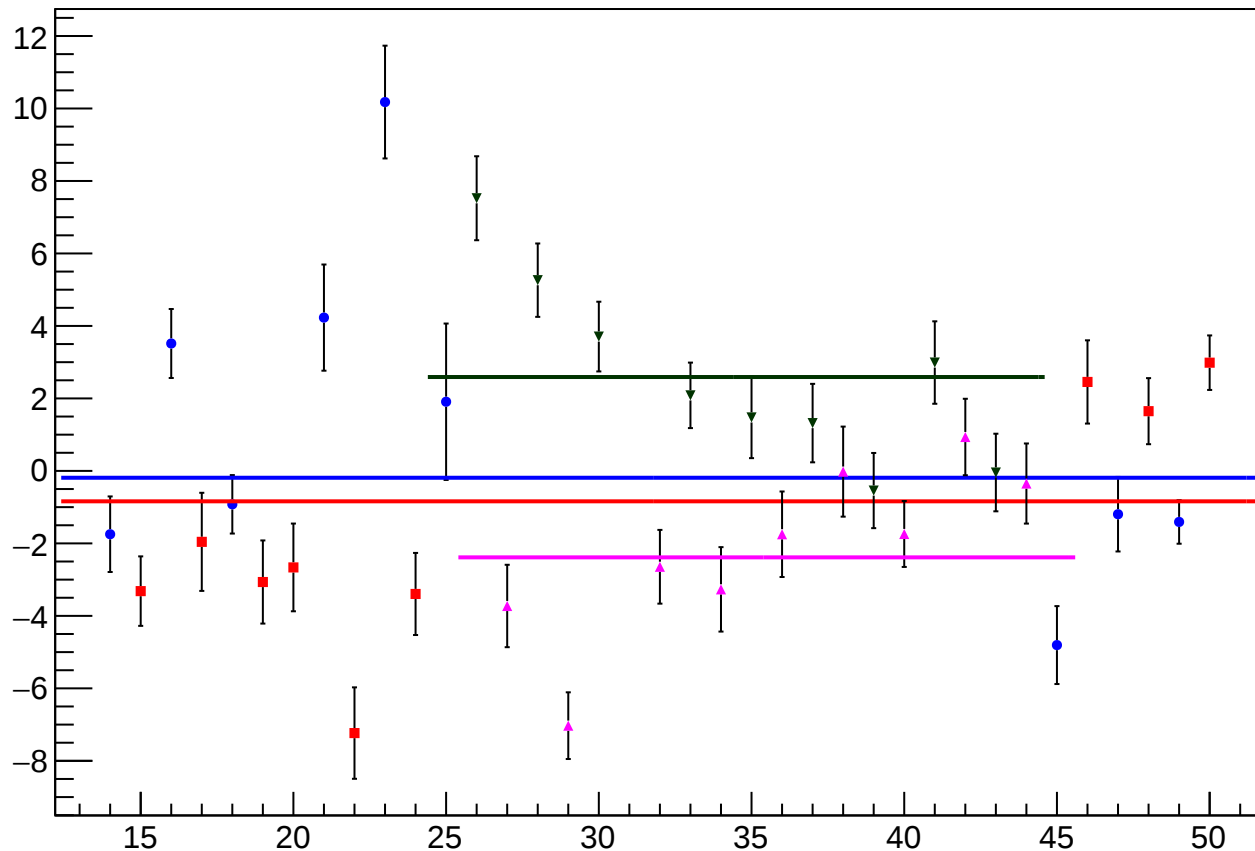
Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF: 660.3/8

Right Out: -96.429 $\pm$ 1.969 χ^2 /NDF: 441.1/8

Left In: -115.103 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

12.965 $\pm$ 0.921 χ^2 /NDF: 20533.5/35

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -0.189 ± 0.329 χ^2/NDF : 96.2/8

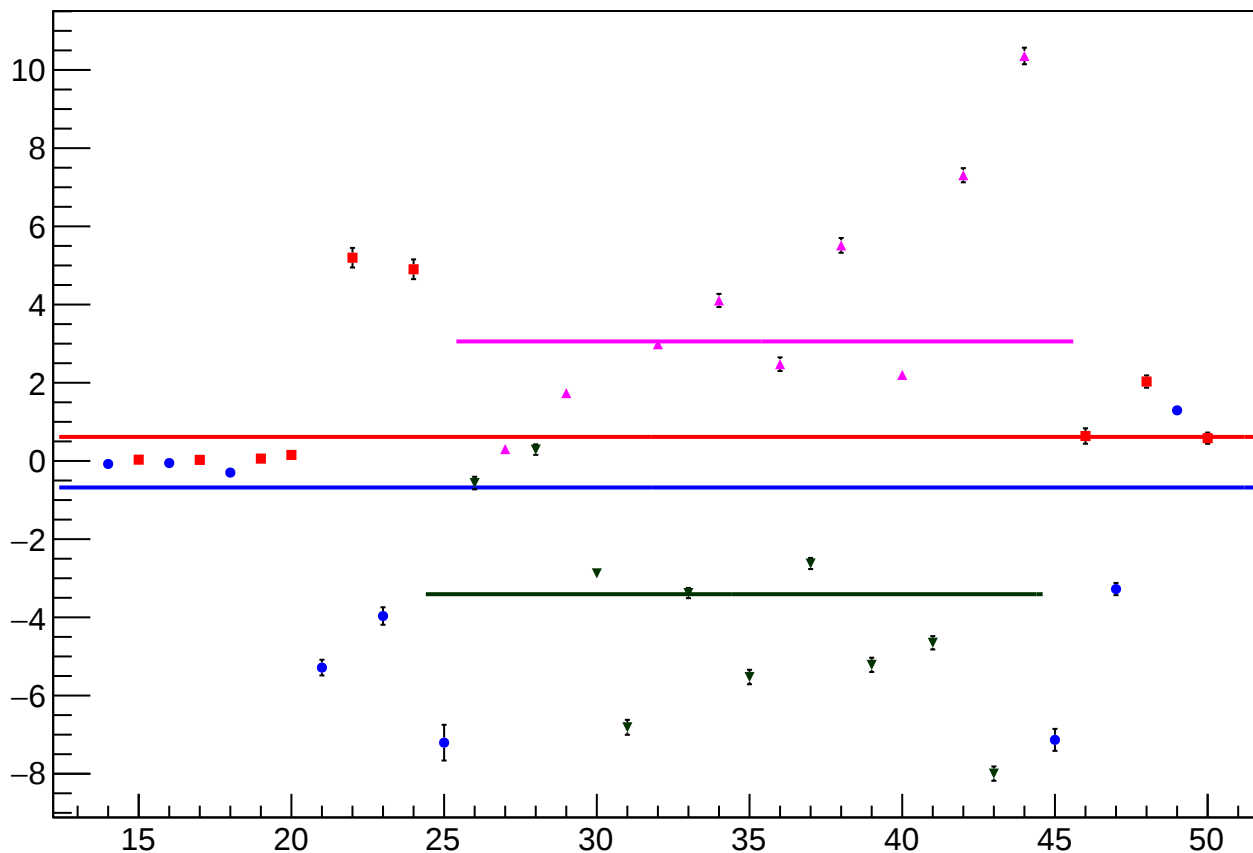
Left Out: 2.591 ± 0.348 χ^2/NDF : 44.4/8

Right Out: -0.839 ± 0.349 χ^2/NDF : 85.7/8

Left In: -2.386 ± 0.355 χ^2/NDF : 45.2/8

-0.186 ± 0.172 χ^2/NDF : 377.1/35

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.679+/-0.041 χ^2/NDF : 2229.9/8

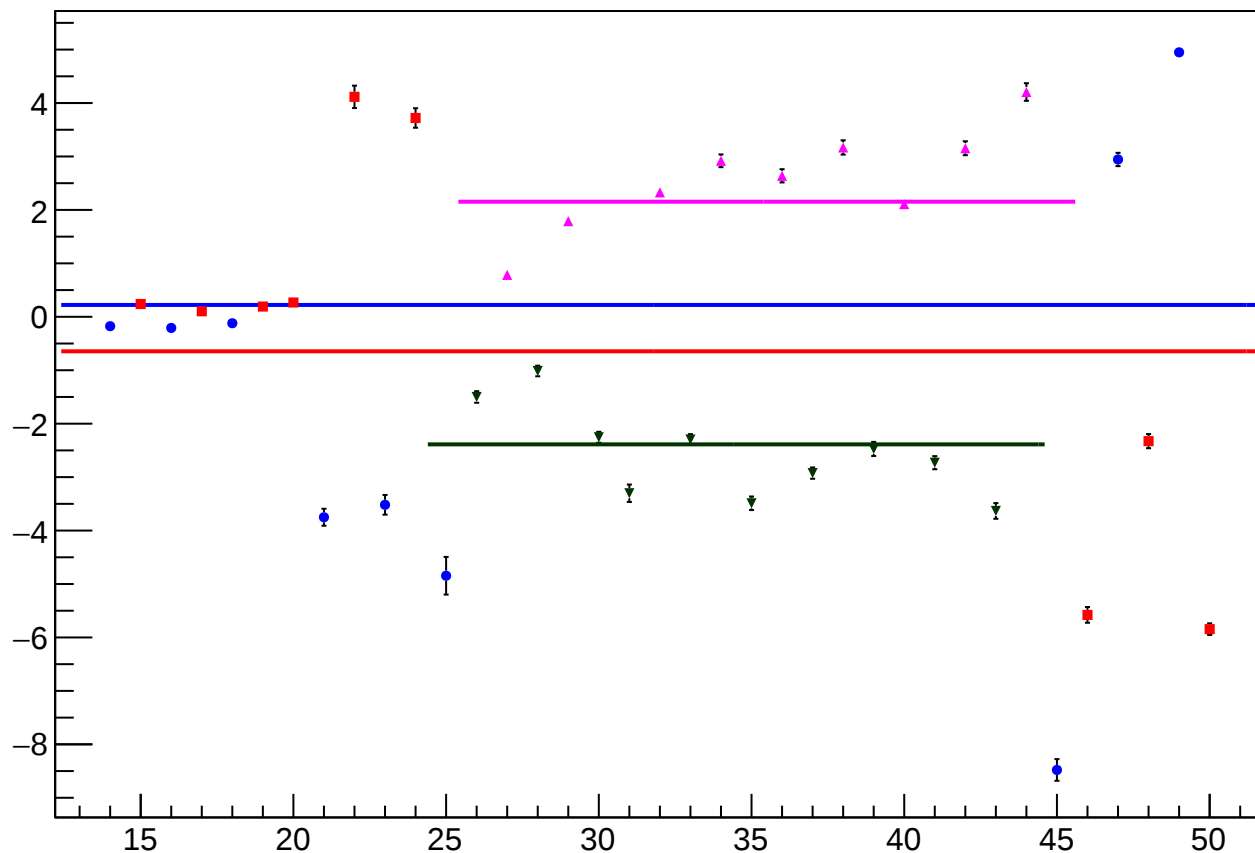
Left Out: -3.408+/-0.049 χ^2/NDF : 2336.5/9

Right Out: 0.615+/-0.045 χ^2/NDF : 811.1/8

Left In: 3.057+/-0.044 χ^2/NDF : 2696.0/8

0.040+/-0.022 χ^2/NDF : 18145.5/36

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 0.222 $\pm$ 0.032 χ^2 /NDF: 6611.4/8

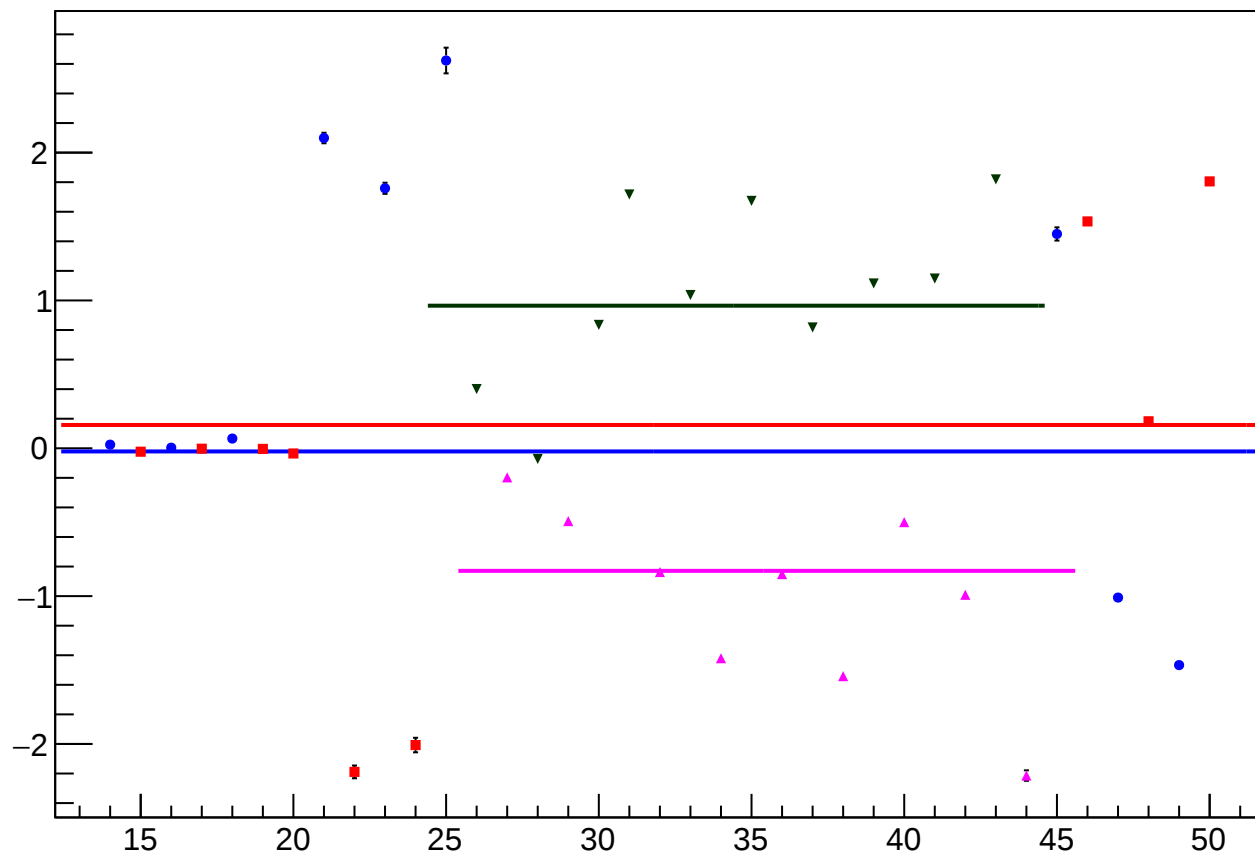
Left Out: -2.387 $\pm$ 0.037 χ^2 /NDF:474.3/9

Right Out: -0.646 $\pm$ 0.034 χ^2 /NDF: 5122.4/8

Left In: 2.154 $\pm$ 0.032 χ^2 /NDF:703.0/8

-0.016 $\pm$ 0.017 χ^2 /NDF: 21935.2/36

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -0.021 ± 0.008 χ^2/NDF : 13733.6/8

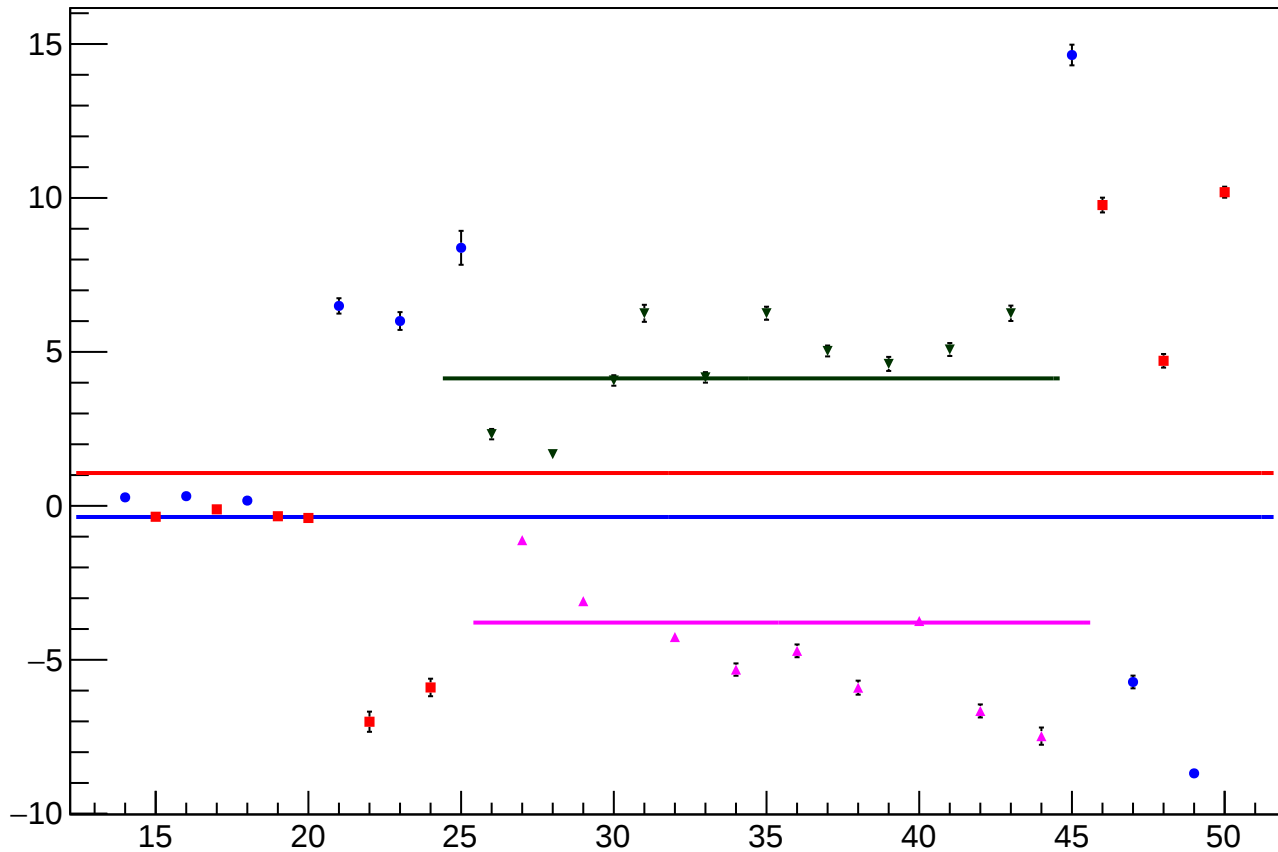
Left Out: 0.965 ± 0.008 χ^2/NDF : 4725.8/9

Right Out: 0.158 ± 0.008 χ^2/NDF : 10937.3/8

Left In: -0.829 ± 0.007 χ^2/NDF : 3974.8/8

0.033 ± 0.004 χ^2/NDF : 60682.4/36

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -0.362 ± 0.050 $\chi^2/\text{NDF}: 7620.3/8$

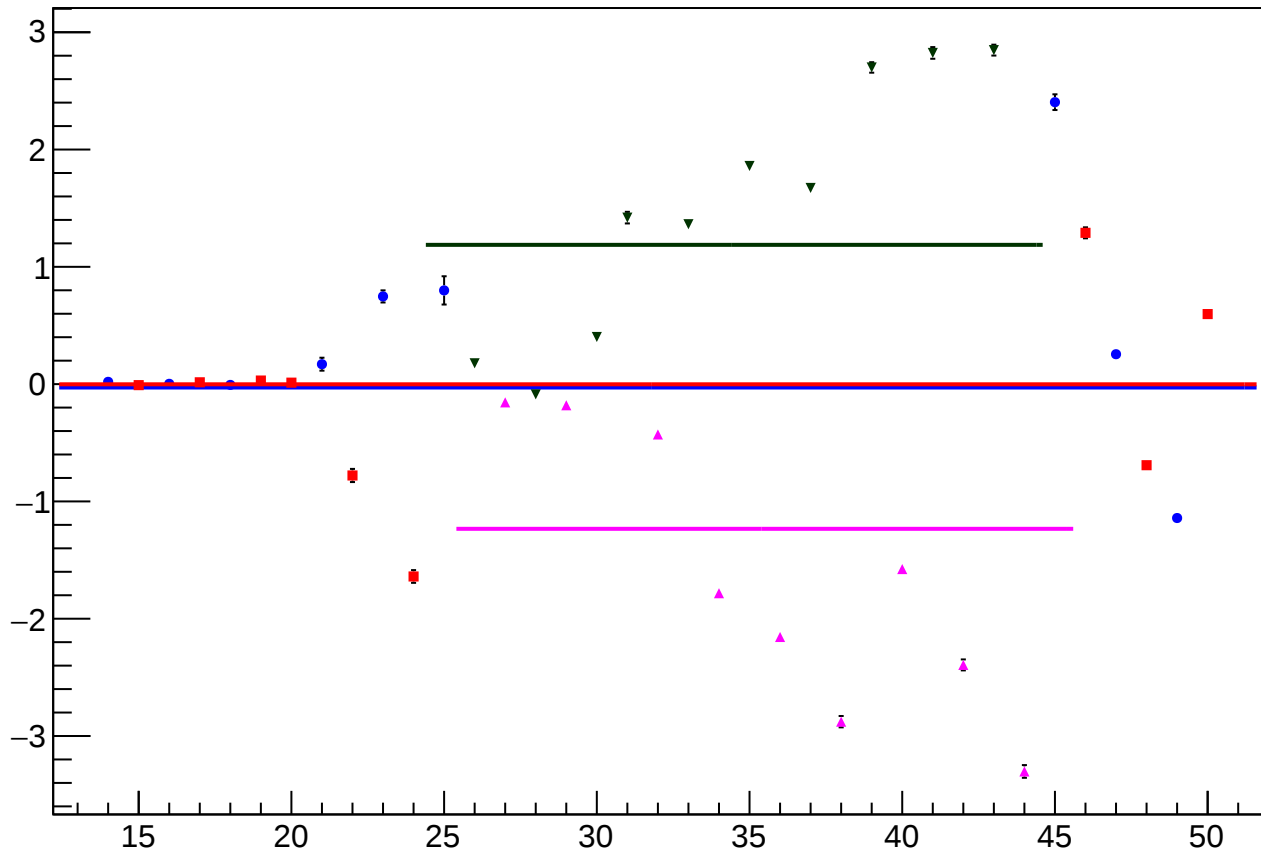
Left Out: 4.140 ± 0.061 $\chi^2/\text{NDF}: 645.5/9$

0.023 ± 0.027 $\chi^2/\text{NDF}: 25312.0/36$

Right Out: 1.066 ± 0.054 $\chi^2/\text{NDF}: 5872.9/8$

Left In: -3.791 ± 0.054 $\chi^2/\text{NDF}: 1110.1/8$

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -0.029 ± 0.009 χ^2/NDF : 3312.0/8

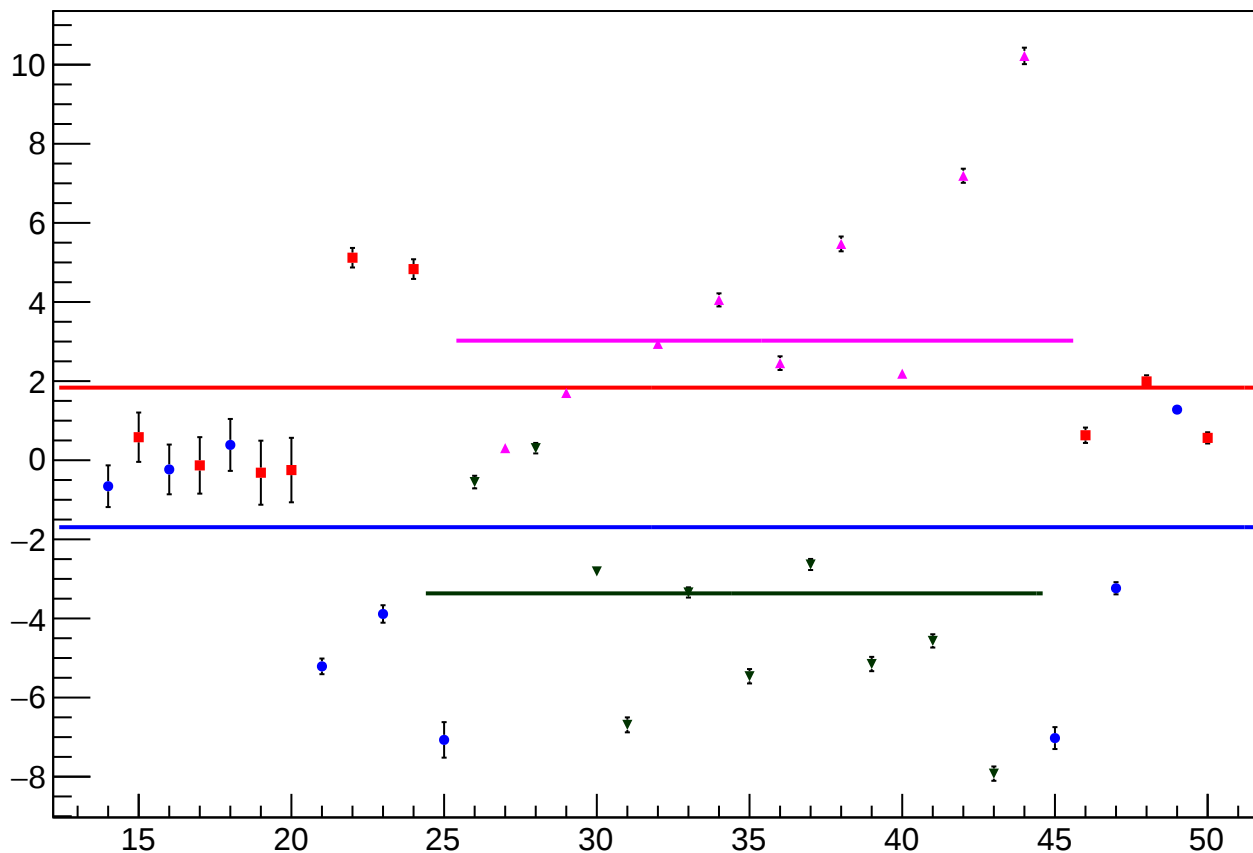
Left Out: 1.187 ± 0.011 χ^2/NDF : 8226.8/9

Right Out: -0.001 ± 0.009 χ^2/NDF : 2510.1/8

Left In: -1.234 ± 0.011 χ^2/NDF : 7863.3/8

0.002 ± 0.005 χ^2/NDF : 46530.7/36

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -1.693 ± 0.069 $\chi^2/\text{NDF}: 1891.2/8$

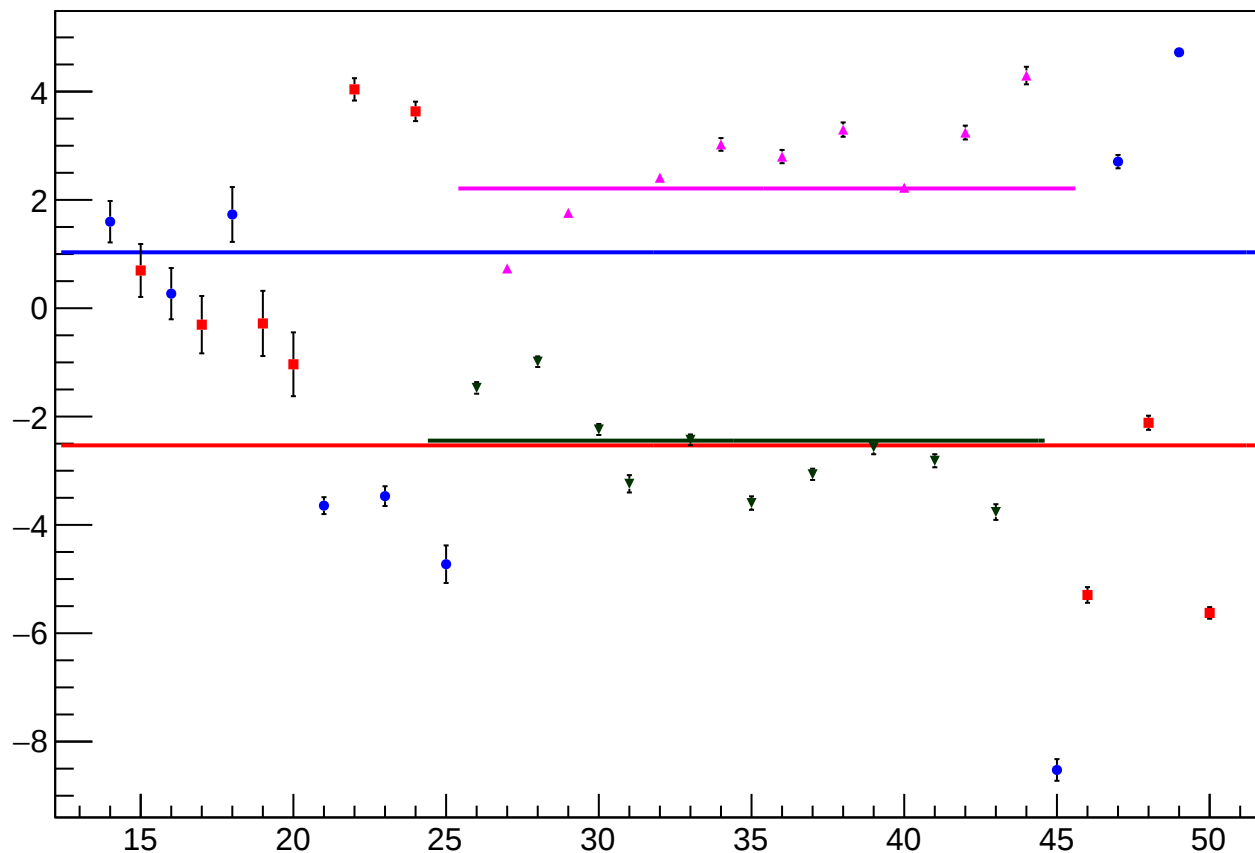
Left Out: -3.366 ± 0.049 $\chi^2/\text{NDF}: 2347.4/9$

Right Out: 1.835 ± 0.080 $\chi^2/\text{NDF}: 466.4/8$

Left In: 3.023 ± 0.043 $\chi^2/\text{NDF}: 2701.7/8$

0.082 ± 0.028 $\chi^2/\text{NDF}: 18174.2/36$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 1.032+/-0.056 χ^2/NDF : 6108.0/8

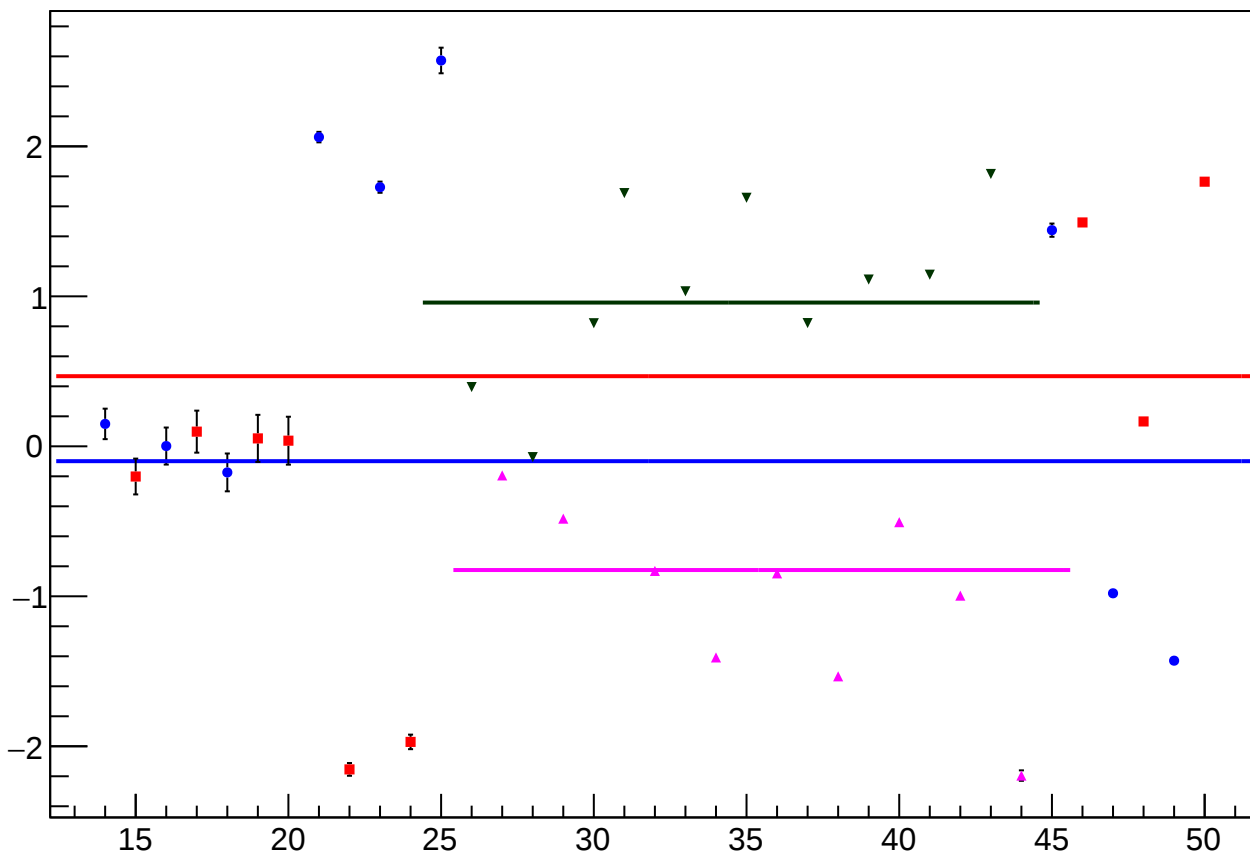
Left Out: -2.444+/-0.036 χ^2/NDF : 547.3/9

Right Out: -2.532+/-0.062 χ^2/NDF : 3483.4/8

Left In: 2.211+/-0.032 χ^2/NDF : 822.7/8

-0.017+/-0.021 χ^2/NDF : 22272.5/36

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -0.099 ± 0.013 χ^2/NDF : 13508.1/8

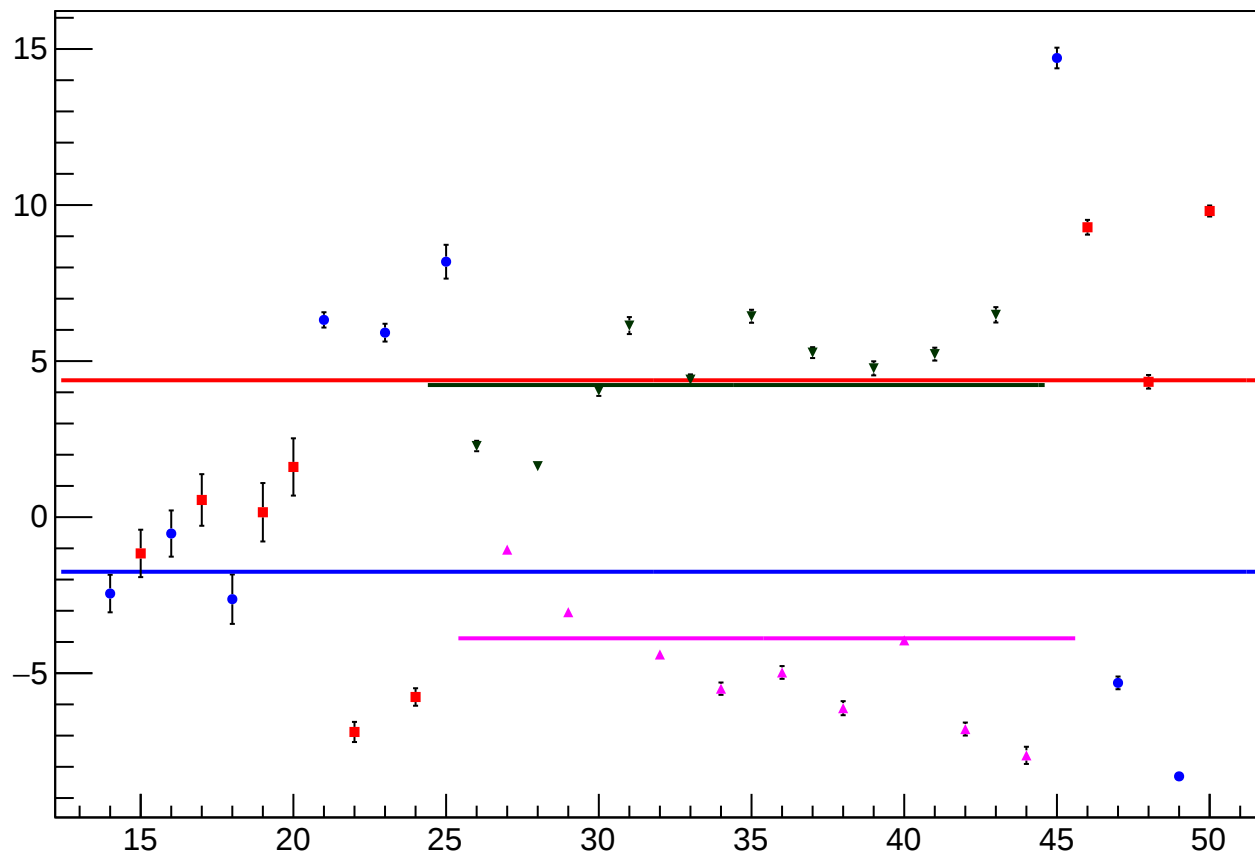
Left Out: 0.958 ± 0.008 χ^2/NDF : 4774.0/9

Right Out: 0.468 ± 0.014 χ^2/NDF : 10025.8/8

Left In: -0.825 ± 0.007 χ^2/NDF : 4028.8/8

0.043 ± 0.005 χ^2/NDF : 60833.7/36

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -1.750+/-0.091 χ^2/NDF : 7062.4/8

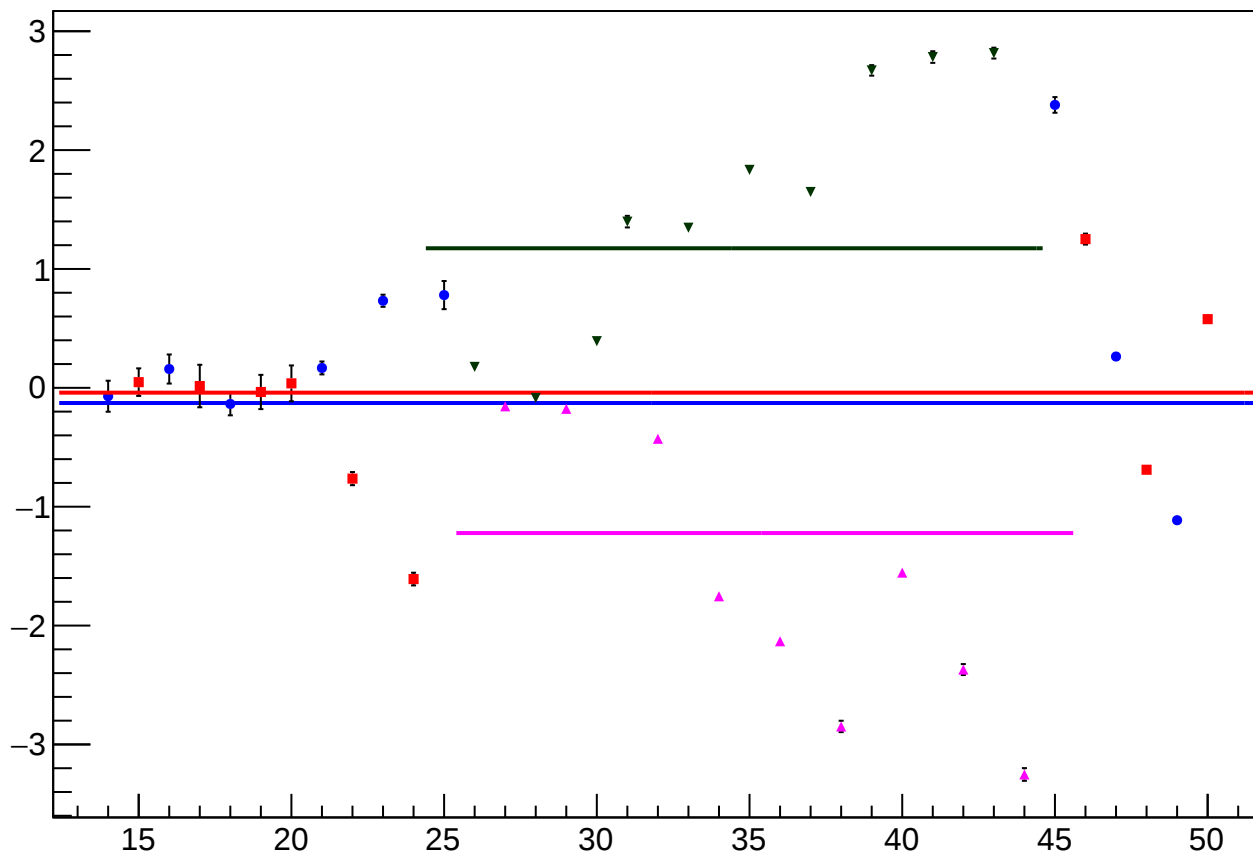
Left Out: 4.233+/-0.060 χ^2/NDF : 734.7/9

Right Out: 4.385+/-0.101 χ^2/NDF : 4009.3/8

Left In: -3.882+/-0.053 χ^2/NDF : 1264.0/8

0.021+/-0.034 χ^2/NDF : 25677.0/36

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -0.128 ± 0.017 $\chi^2/\text{NDF}: 3250.5/8$

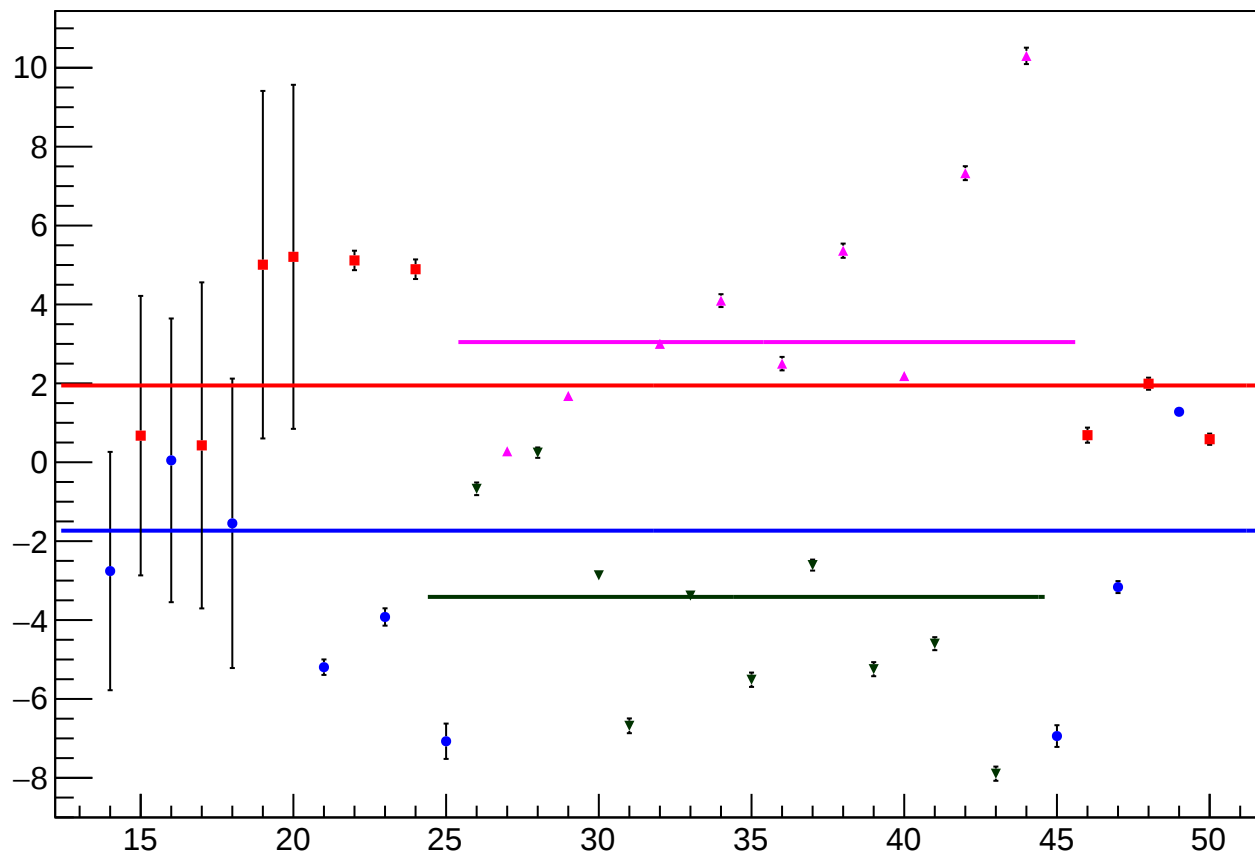
Left Out: 1.174 ± 0.011 $\chi^2/\text{NDF}: 8236.9/9$

Right Out: -0.041 ± 0.018 $\chi^2/\text{NDF}: 2464.6/8$

Left In: -1.222 ± 0.011 $\chi^2/\text{NDF}: 7856.5/8$

-0.002 ± 0.007 $\chi^2/\text{NDF}: 46613.0/36$

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -1.734 ± 0.070 χ^2/NDF : 1881.2/8

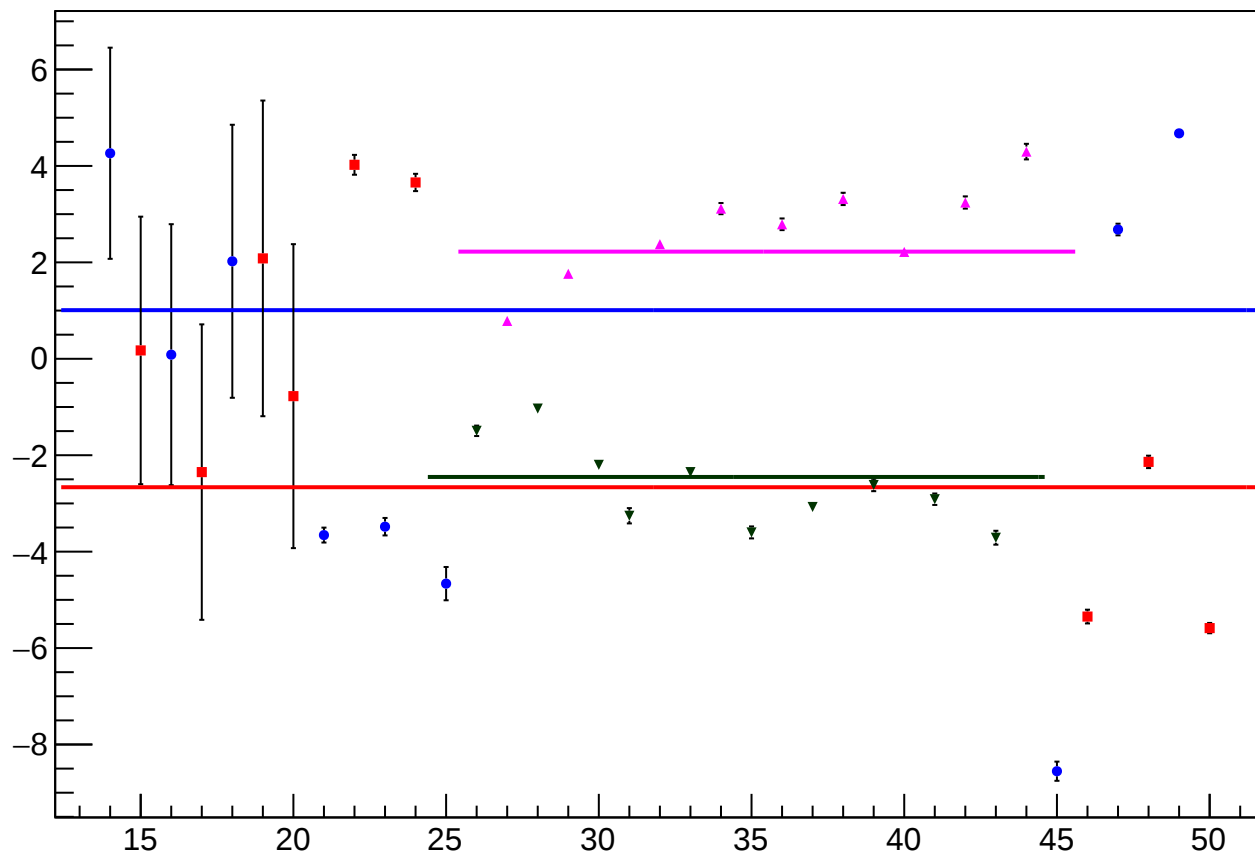
Left Out: -3.413 ± 0.048 χ^2/NDF : 2330.4/9

Right Out: 1.946 ± 0.081 χ^2/NDF : 442.3/8

Left In: 3.046 ± 0.043 χ^2/NDF : 2807.6/8

0.091 ± 0.027 χ^2/NDF : 18732.9/36

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 1.009+/-0.057 χ^2/NDF : 6155.2/8

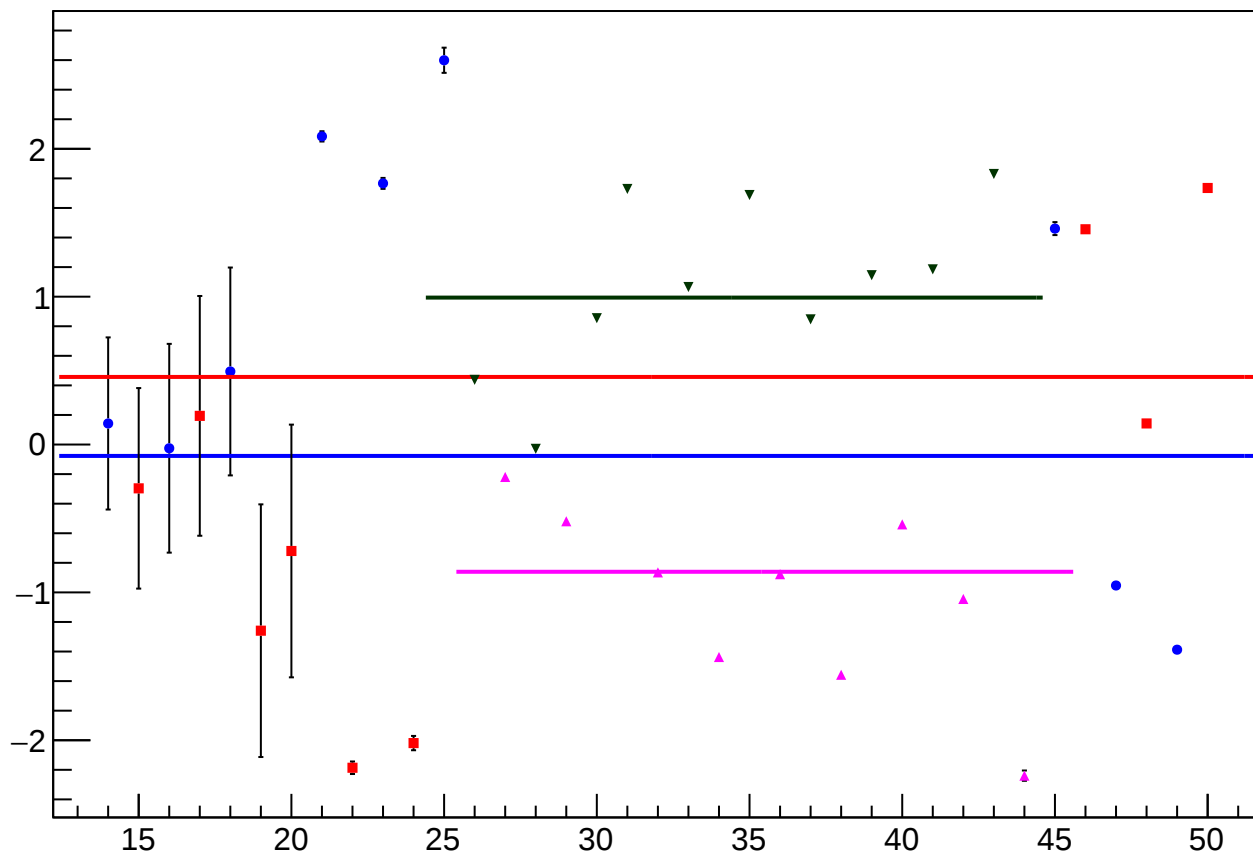
Left Out: -2.451+/-0.036 χ^2/NDF : 538.5/9

Right Out: -2.664+/-0.063 χ^2/NDF : 3414.6/8

Left In: 2.223+/-0.032 χ^2/NDF : 822.3/8

-0.014+/-0.021 χ^2/NDF : 22615.6/36

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -0.077+/-0.013 χ^2/NDF : 13631.8/8

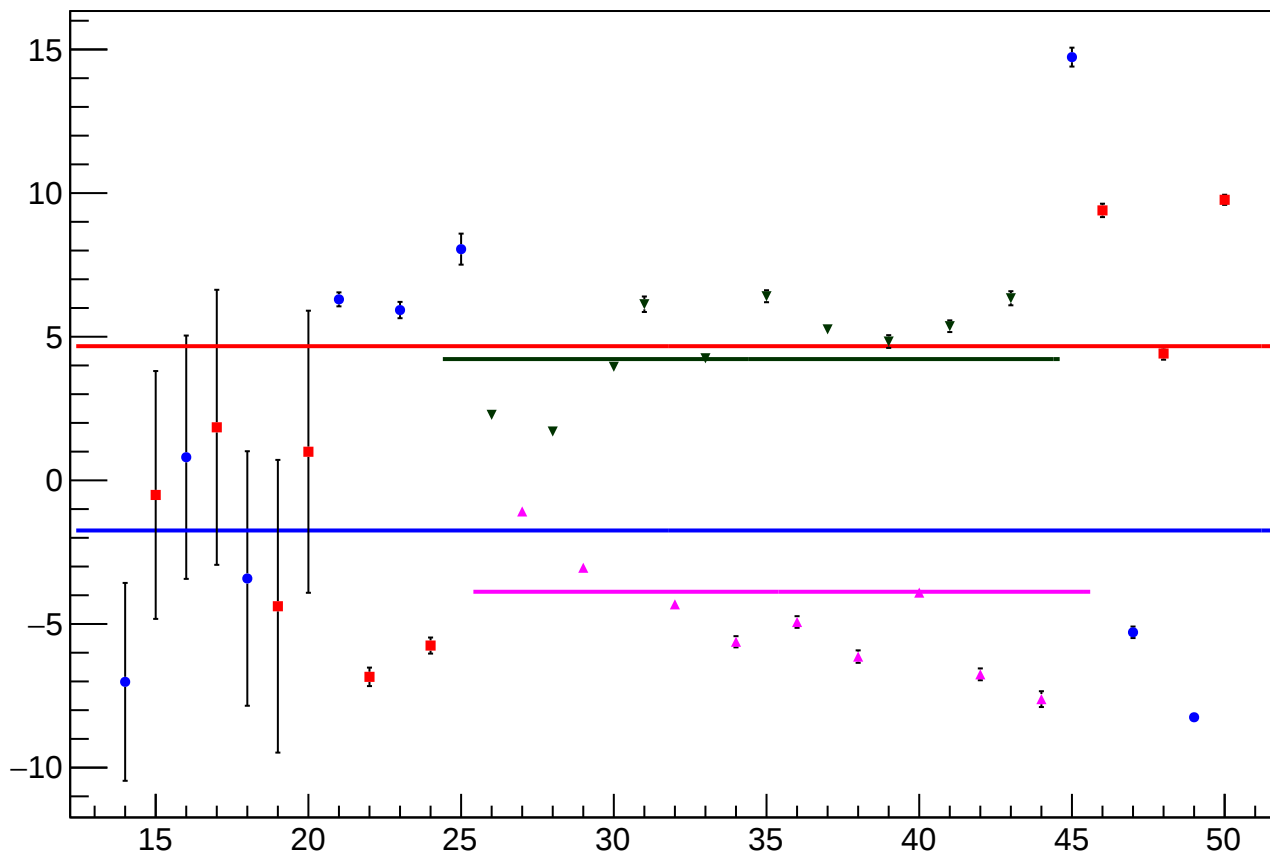
Left Out: 0.994+/-0.008 χ^2/NDF : 4757.6/9

Right Out: 0.457+/-0.014 χ^2/NDF : 10057.9/8

Left In: -0.861+/-0.007 χ^2/NDF : 4134.7/8

0.039+/-0.005 χ^2/NDF : 63933.4/36

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -1.745 ± 0.092 $\chi^2/\text{NDF}: 7118.3/8$

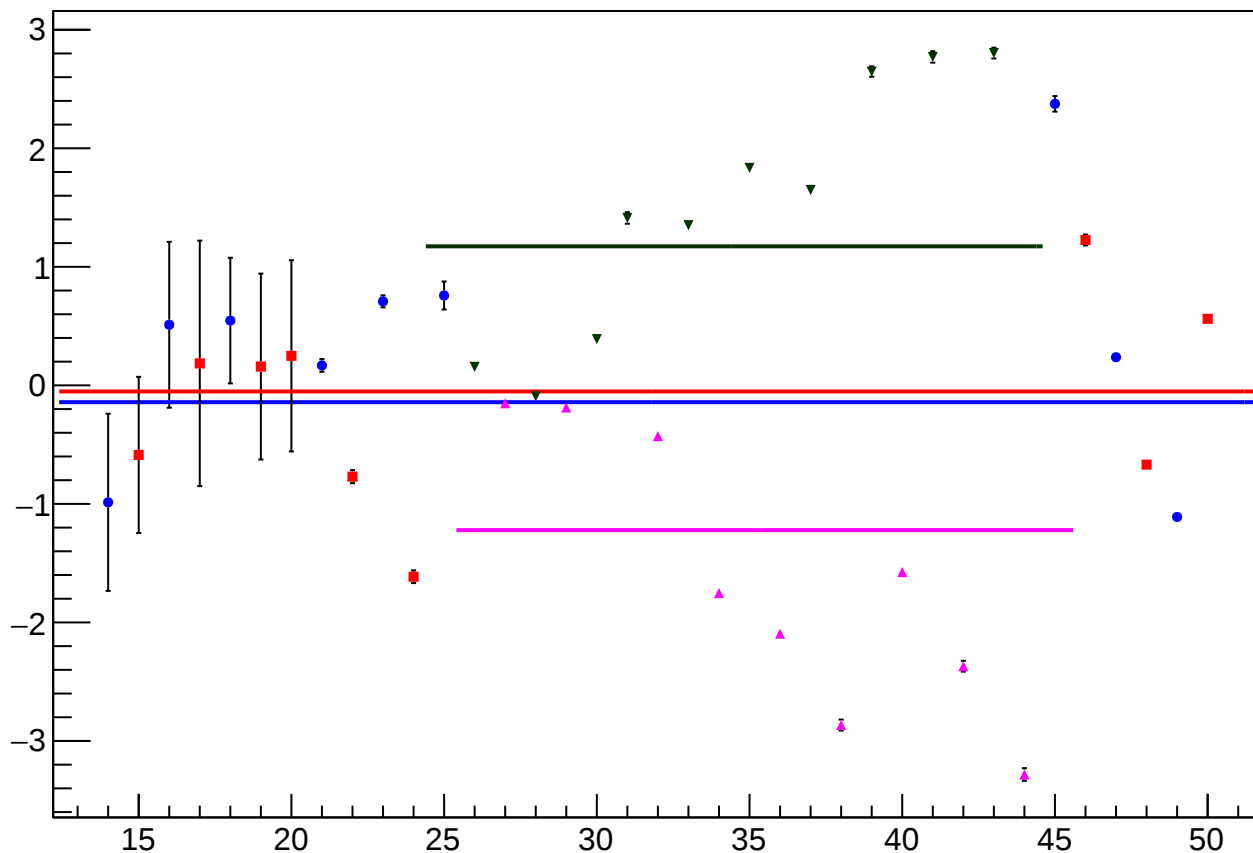
Left Out: 4.222 ± 0.059 $\chi^2/\text{NDF}: 718.8/9$

Right Out: 4.671 ± 0.103 $\chi^2/\text{NDF}: 3915.7/8$

Left In: -3.878 ± 0.052 $\chi^2/\text{NDF}: 1271.0/8$

0.018 ± 0.034 $\chi^2/\text{NDF}: 25971.5/36$

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -0.142 ± 0.018 χ^2/NDF : 3248.7/8

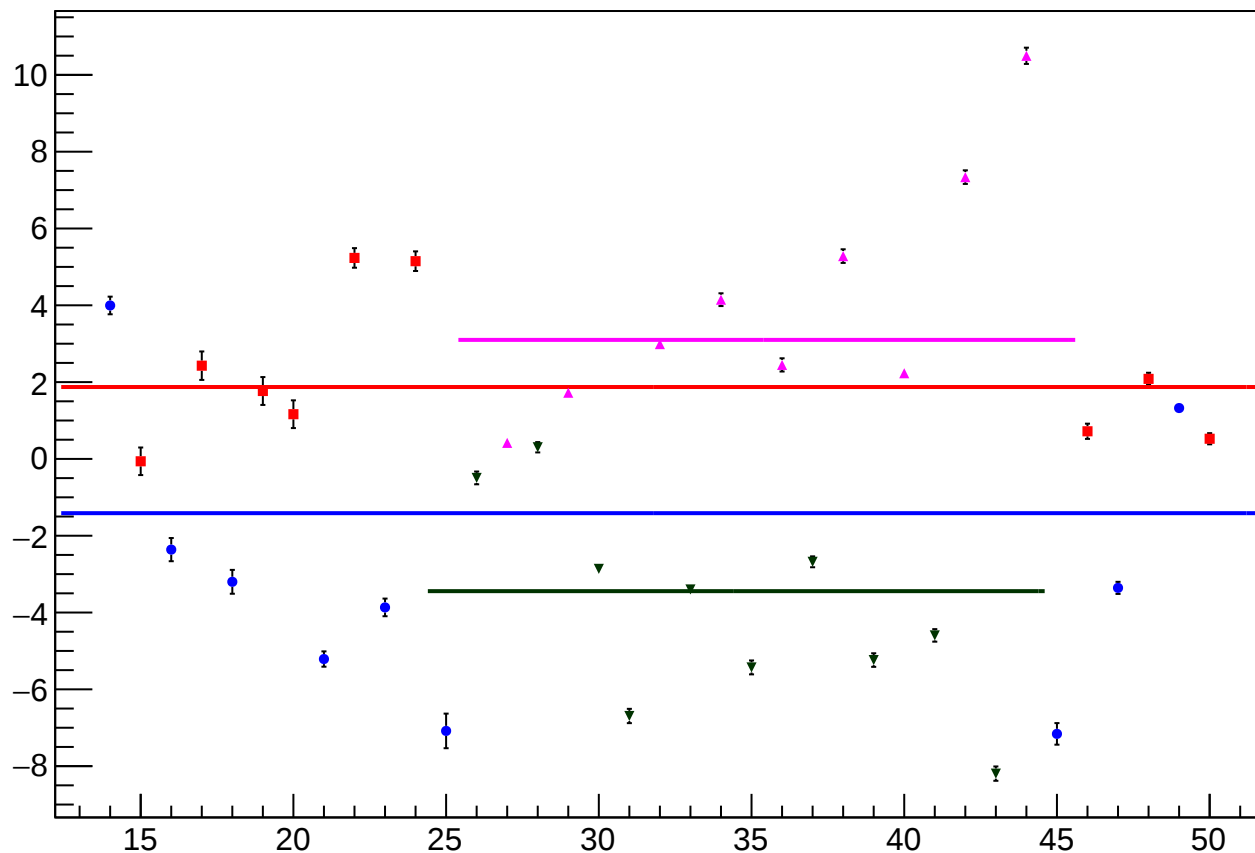
Left Out: 1.173 ± 0.010 χ^2/NDF : 8374.7/9

Right Out: -0.051 ± 0.019 χ^2/NDF : 2438.8/8

Left In: -1.221 ± 0.011 χ^2/NDF : 8099.0/8

-0.007 ± 0.007 χ^2/NDF : 47442.0/36

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -1.413+/-0.066 χ^2/NDF : 2480.1/8

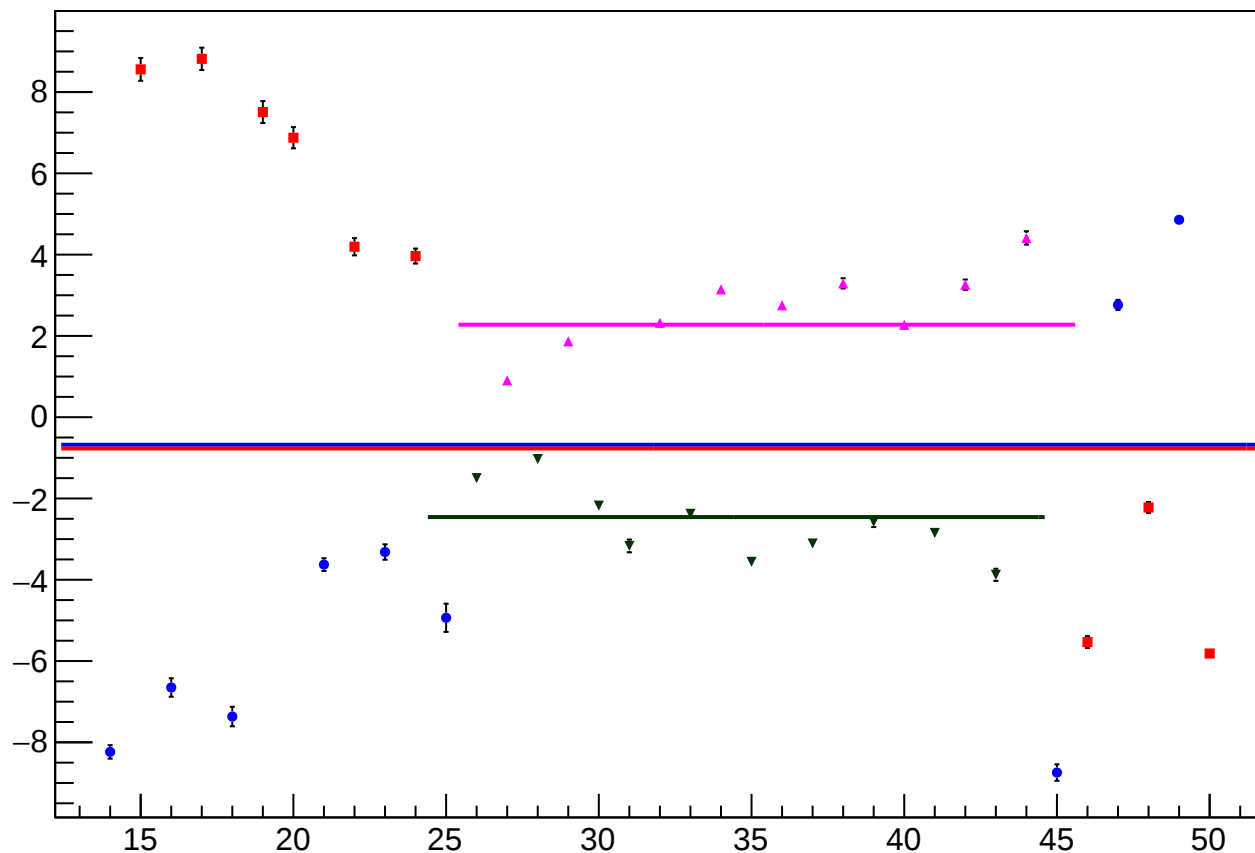
Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

Right Out: 1.872+/-0.076 χ^2/NDF : 494.9/8

Left In: 3.099+/-0.043 χ^2/NDF : 2713.8/8

0.142+/-0.027 χ^2/NDF : 19218.6/36

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -0.678 ± 0.052 $\chi^2/\text{NDF}: 10492.4/8$

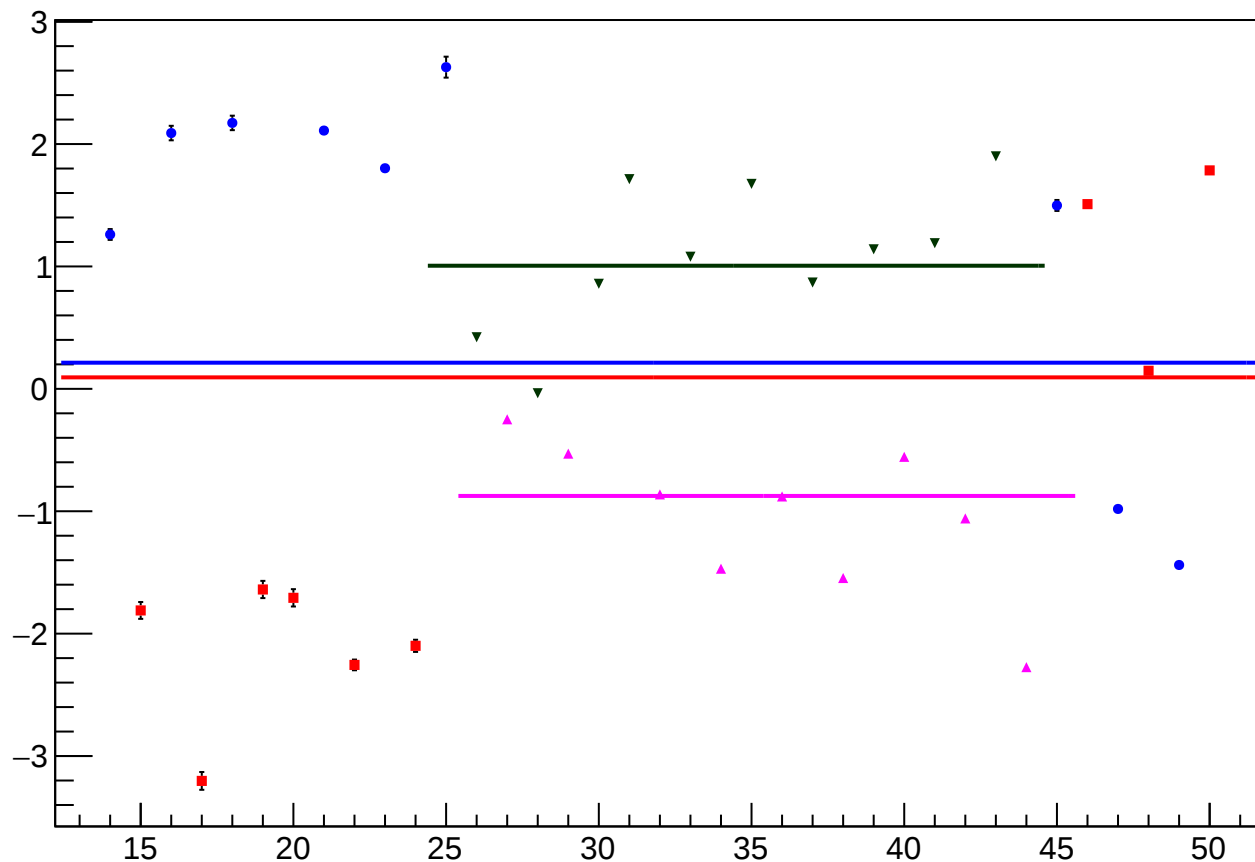
Left Out: -2.458 ± 0.036 $\chi^2/\text{NDF}: 528.1/9$

Right Out: -0.770 ± 0.059 $\chi^2/\text{NDF}: 8597.6/8$

Left In: 2.276 ± 0.032 $\chi^2/\text{NDF}: 728.7/8$

-0.047 ± 0.020 $\chi^2/\text{NDF}: 30298.2/36$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: 0.214+/-0.012 χ^2/NDF : 16617.4/8

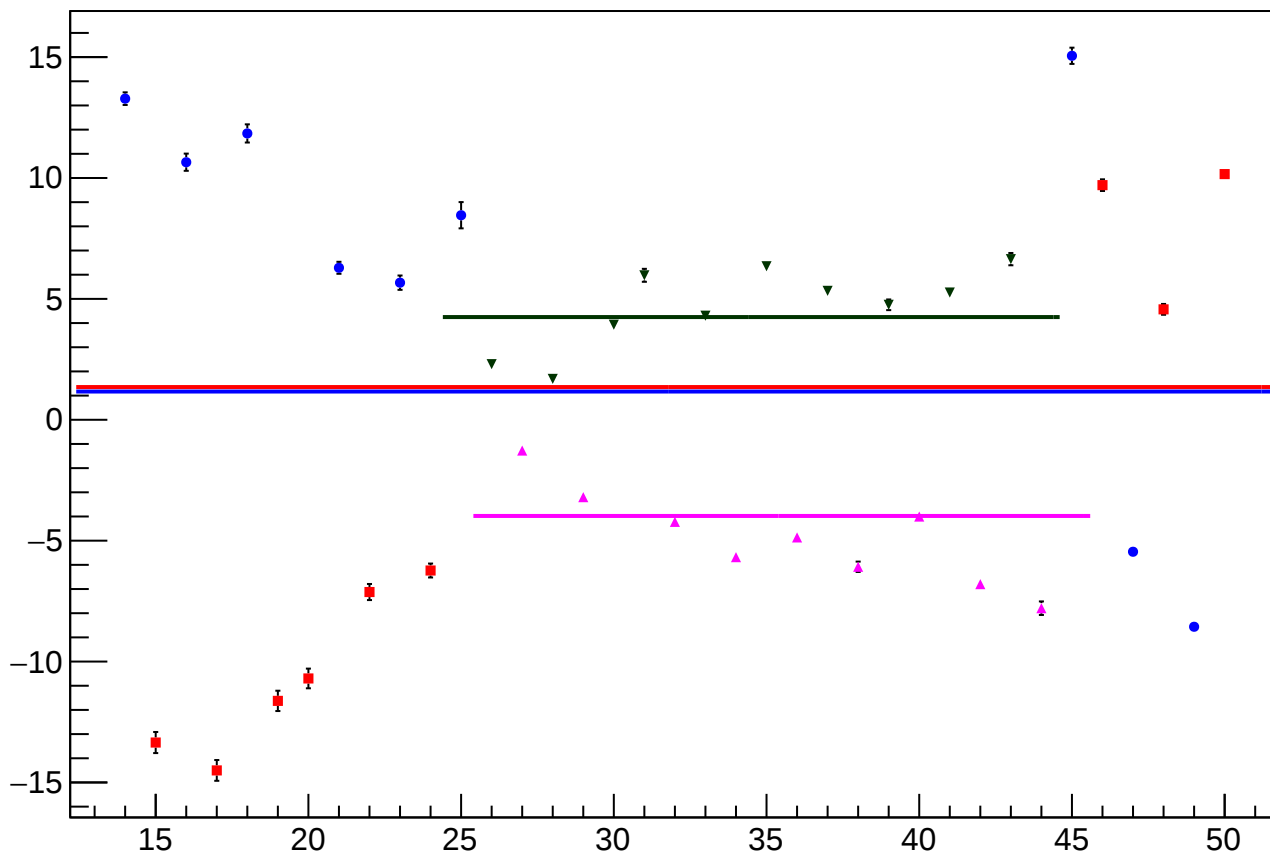
Left Out: 1.006+/-0.008 χ^2/NDF : 4706.2/9

Right Out: 0.094+/-0.014 χ^2/NDF : 14850.5/8

Left In: -0.875+/-0.007 χ^2/NDF : 3999.8/8

0.040+/-0.005 χ^2/NDF : 71030.1/36

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 1.168 $\pm$ 0.085 χ^2 /NDF: 11677.3/8

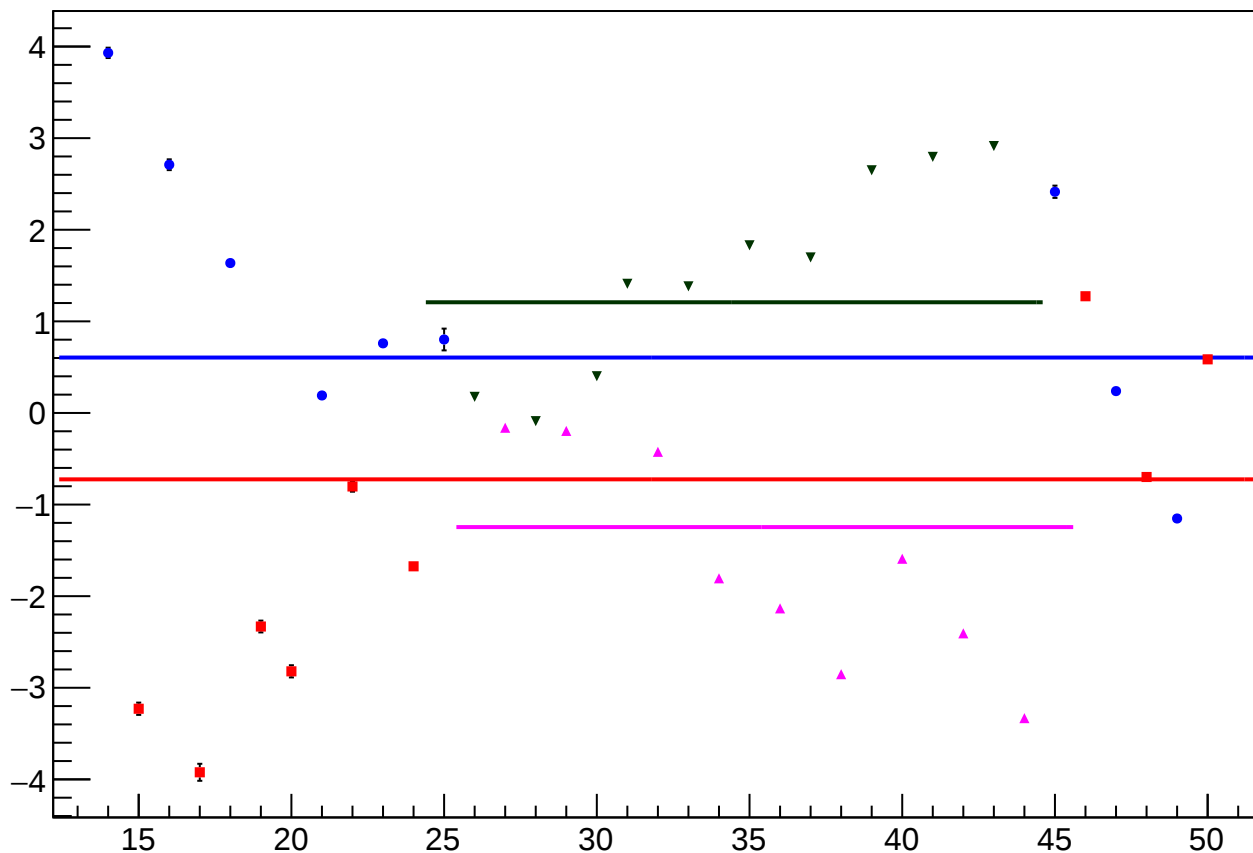
Left Out: 4.248 $\pm$ 0.060 χ^2 /NDF: 701.0/9

0.081 $\pm$ 0.034 χ^2 /NDF: 33967.4/36

Right Out: 1.353 $\pm$ 0.095 χ^2 /NDF: 9452.5/8

Left In: -3.978 $\pm$ 0.053 χ^2 /NDF: 1142.7/8

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 0.605 ± 0.016 $\chi^2/\text{NDF}: 10130.1/8$

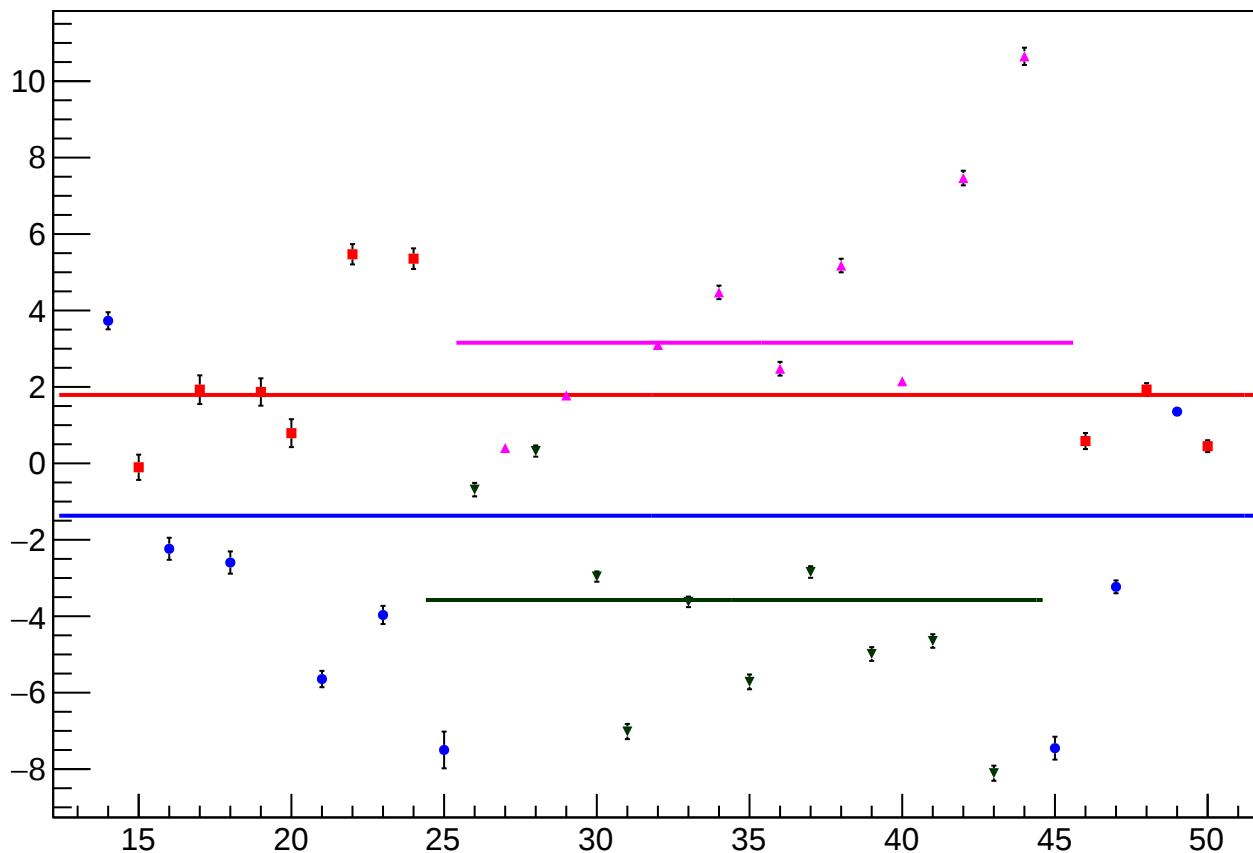
Left Out: 1.208 ± 0.011 $\chi^2/\text{NDF}: 8311.9/9$

Right Out: -0.725 ± 0.017 $\chi^2/\text{NDF}: 7879.1/8$

Left In: -1.246 ± 0.011 $\chi^2/\text{NDF}: 8116.3/8$

0.016 ± 0.006 $\chi^2/\text{NDF}: 63533.5/36$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -1.370+/-0.068 χ^2/NDF : 2369.6/8

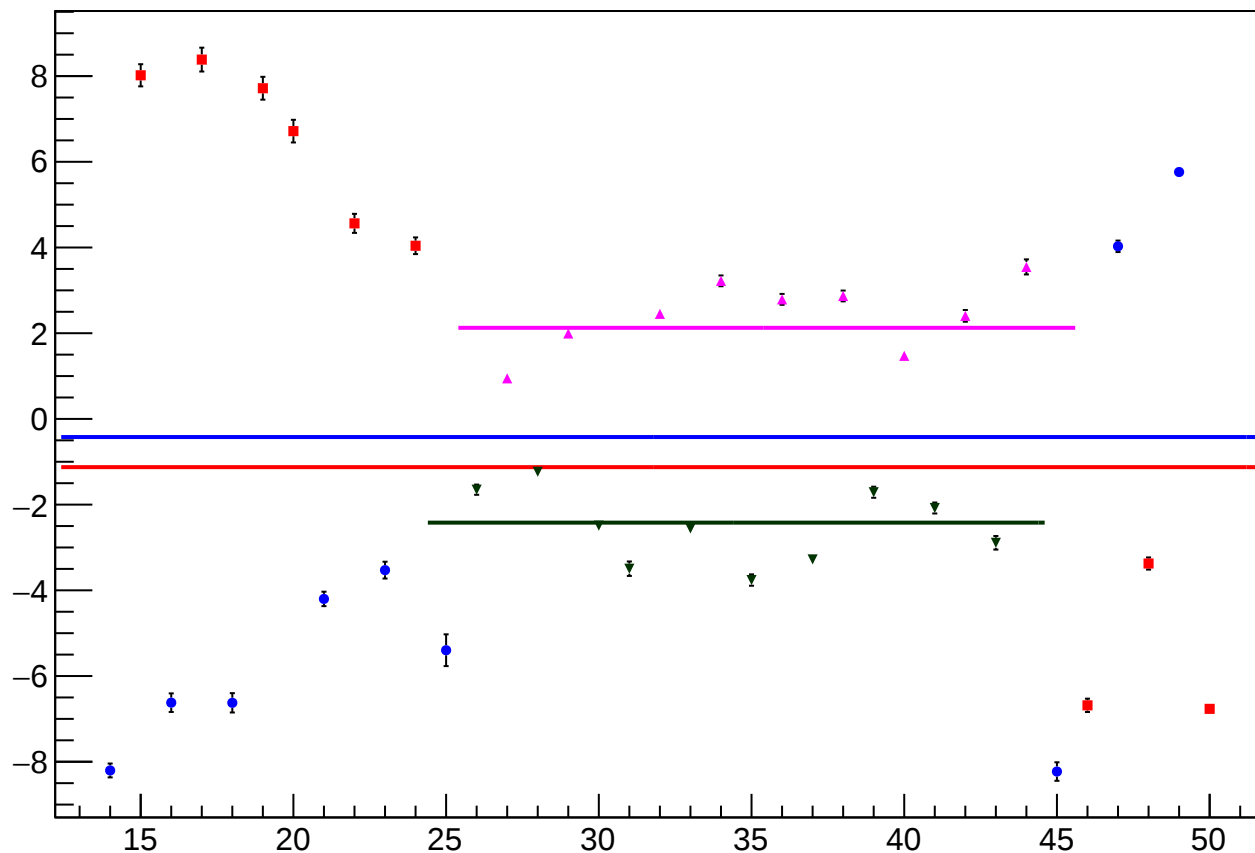
Left Out: -3.575+/-0.052 χ^2/NDF : 2062.7/9

Right Out: 1.790+/-0.079 χ^2/NDF : 513.7/8

Left In: 3.157+/-0.046 χ^2/NDF : 2491.7/8

0.124+/-0.029 χ^2/NDF : 17774.8/36

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: -0.423+/-0.054 χ^2 /NDF: 11664.4/8

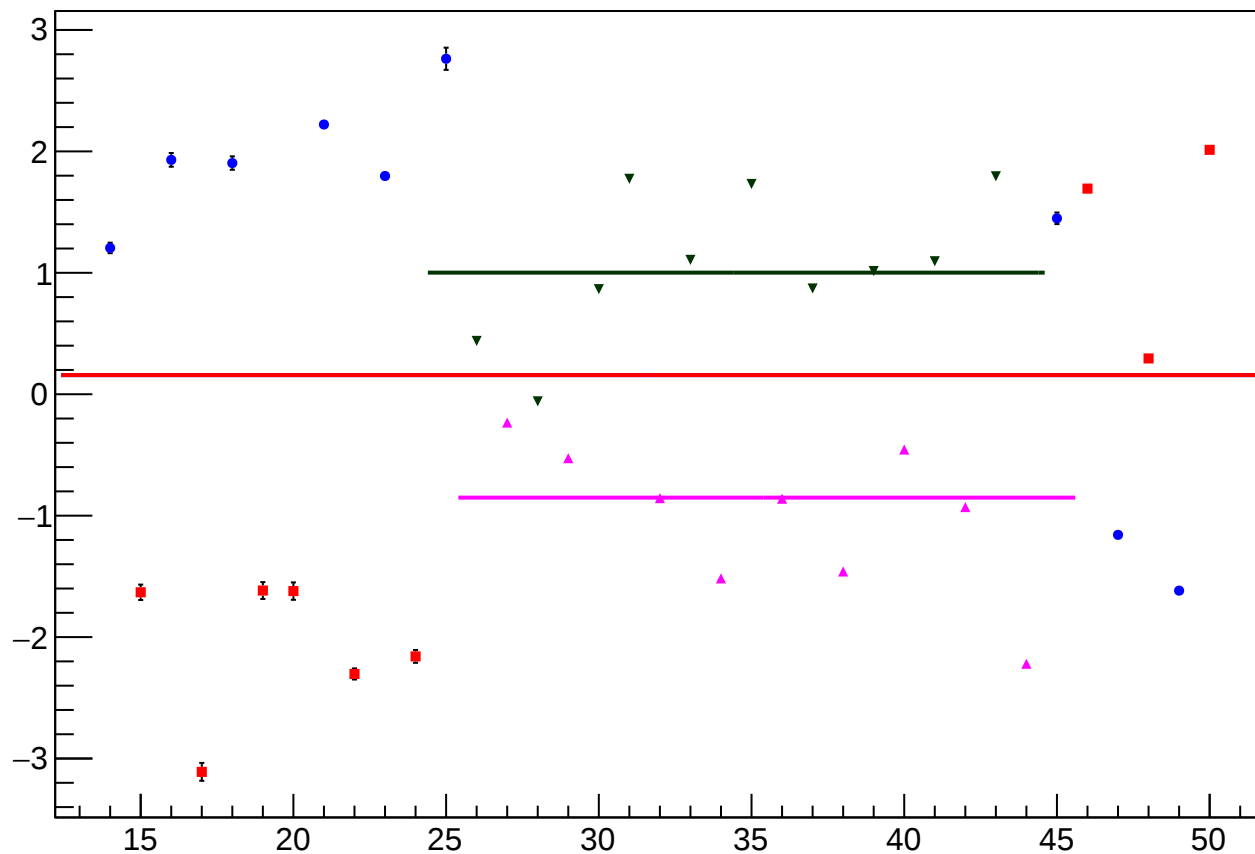
Left Out: -2.420+/-0.039 χ^2 /NDF:411.6/9

Right Out: -1.126+/-0.061 χ^2 /NDF: 9574.8/8

Left In: 2.126+/-0.034 χ^2 /NDF:510.2/8

-0.094+/-0.022 χ^2 /NDF: 30368.6/36

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: 0.157 ± 0.013 χ^2/NDF : 16920.4/8

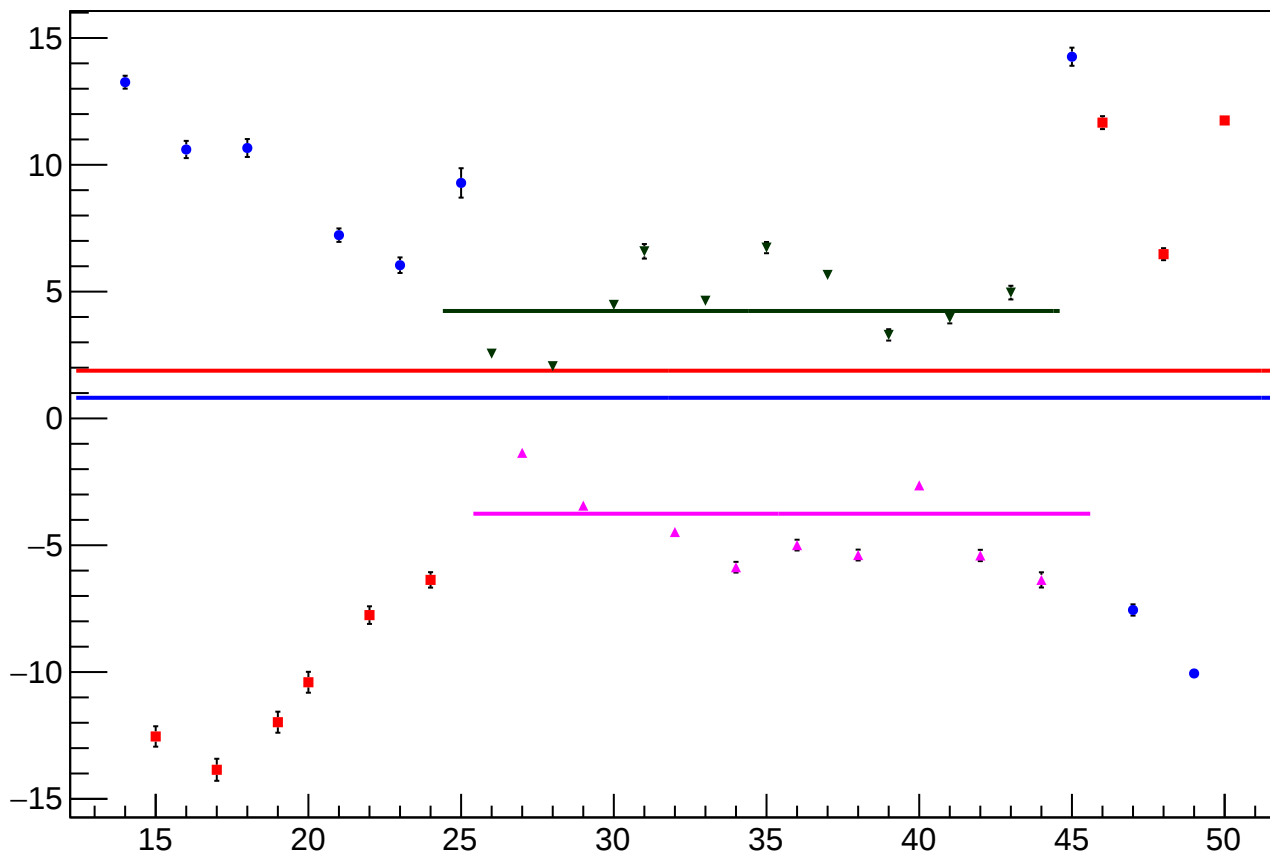
Left Out: 1.001 ± 0.008 χ^2/NDF : 4123.3/9

Right Out: 0.158 ± 0.014 χ^2/NDF : 15146.1/8

Left In: -0.851 ± 0.008 χ^2/NDF : 3579.2/8

0.044 ± 0.005 χ^2/NDF : 66173.9/36

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: 0.814+/-0.088 χ^2/NDF : 12949.3/8

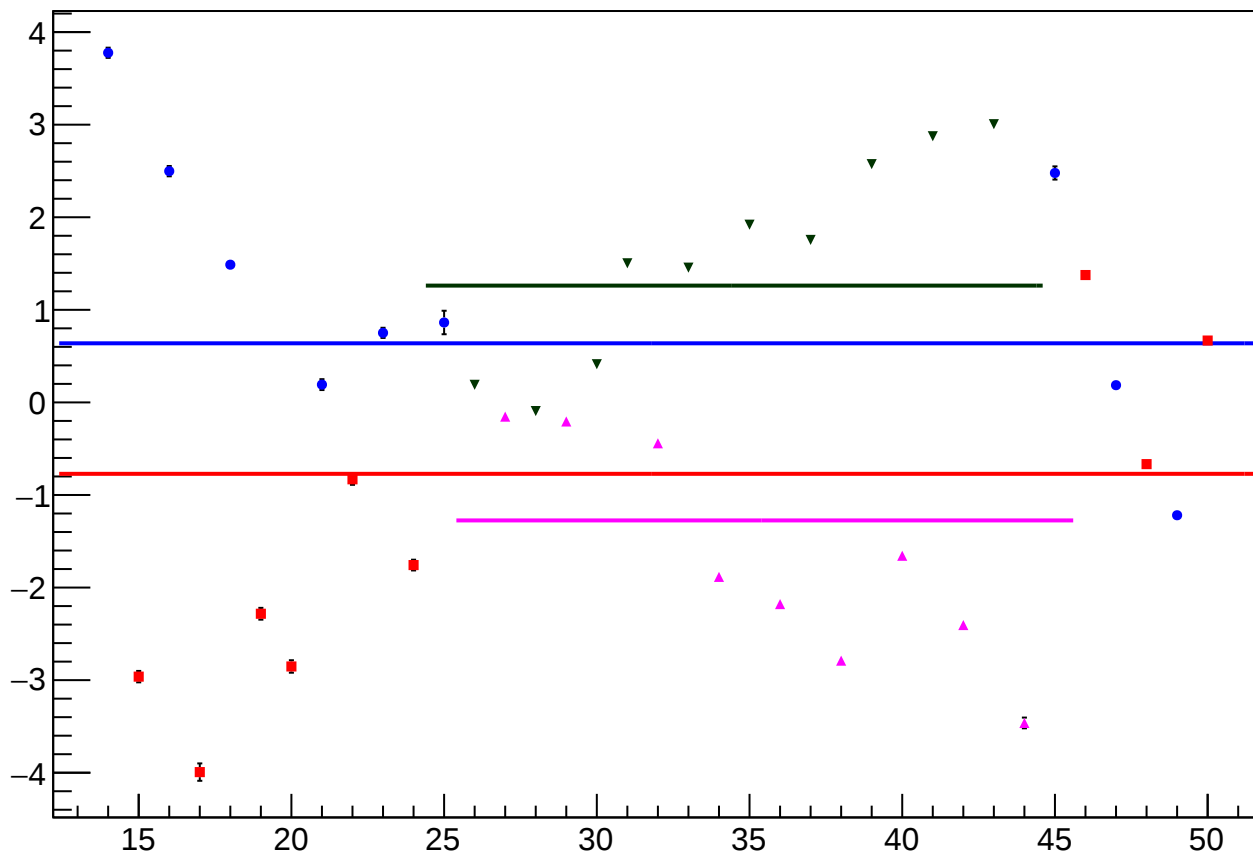
Left Out: 4.237+/-0.064 χ^2/NDF : 532.8/9

0.163+/-0.036 χ^2/NDF : 34096.5/36

Right Out: 1.882+/-0.099 χ^2/NDF : 10540.3/8

Left In: -3.757+/-0.056 χ^2/NDF : 807.9/8

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 0.638 ± 0.016 χ^2/NDF : 9654.6/8

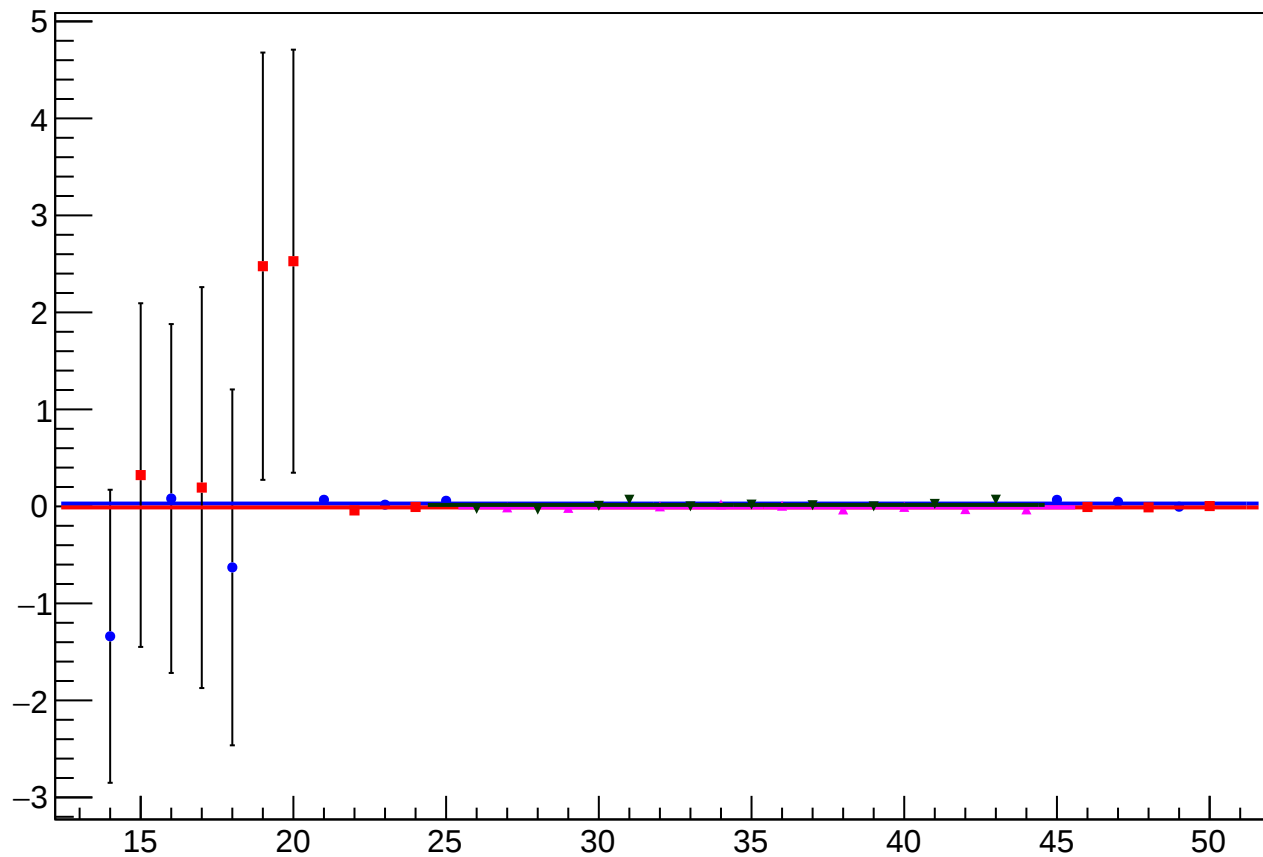
Left Out: 1.262 ± 0.011 χ^2/NDF : 7575.4/9

Right Out: -0.772 ± 0.018 χ^2/NDF : 7771.1/8

Left In: -1.275 ± 0.012 χ^2/NDF : 7555.9/8

0.023 ± 0.007 χ^2/NDF : 60313.6/36

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.029 ± 0.007 $\chi^2/\text{NDF}: 20.0/8$

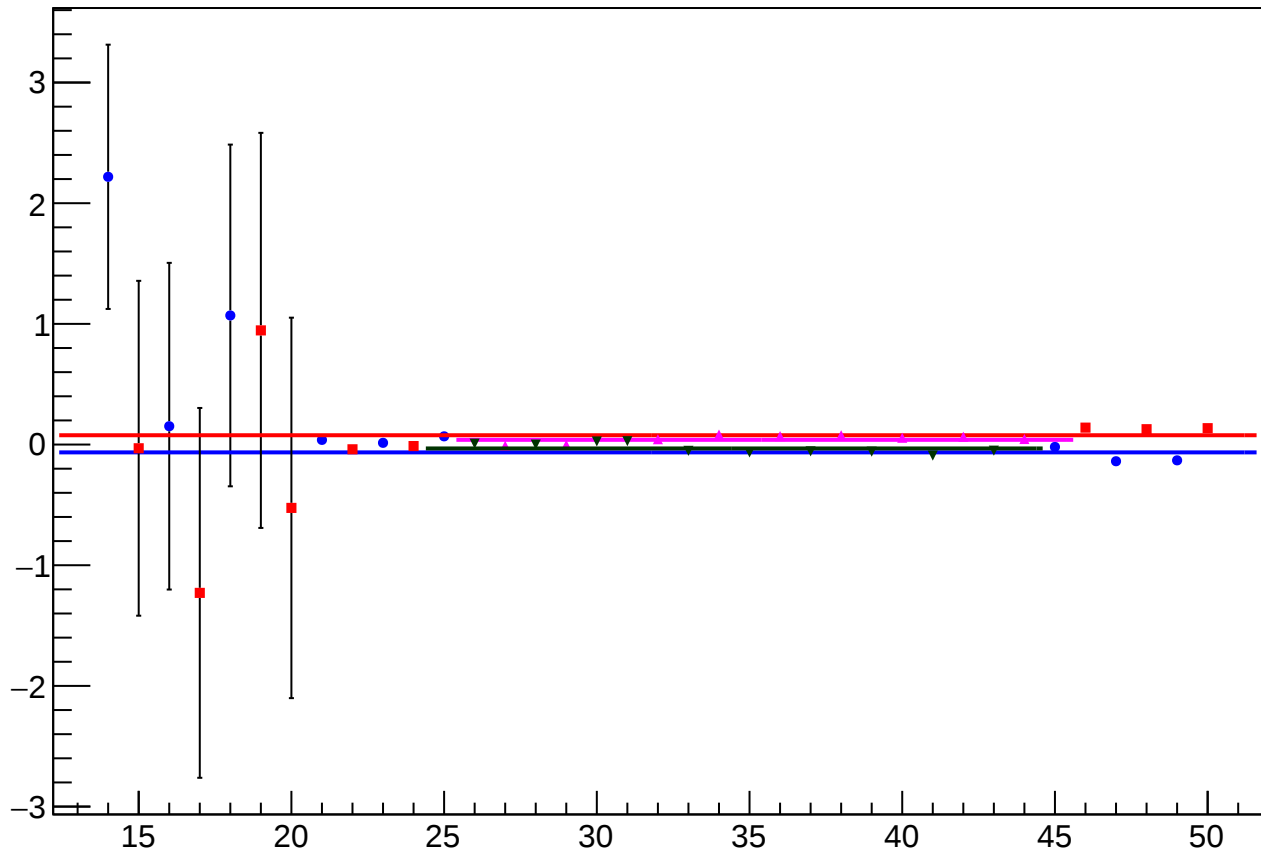
Left Out: 0.015 ± 0.006 $\chi^2/\text{NDF}: 28.5/9$

Right Out: -0.011 ± 0.009 $\chi^2/\text{NDF}: 5.9/8$

Left In: -0.010 ± 0.006 $\chi^2/\text{NDF}: 5.5/8$

0.006 ± 0.003 $\chi^2/\text{NDF}: 83.1/36$

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.065 ± 0.006 χ^2/NDF : 179.2/8

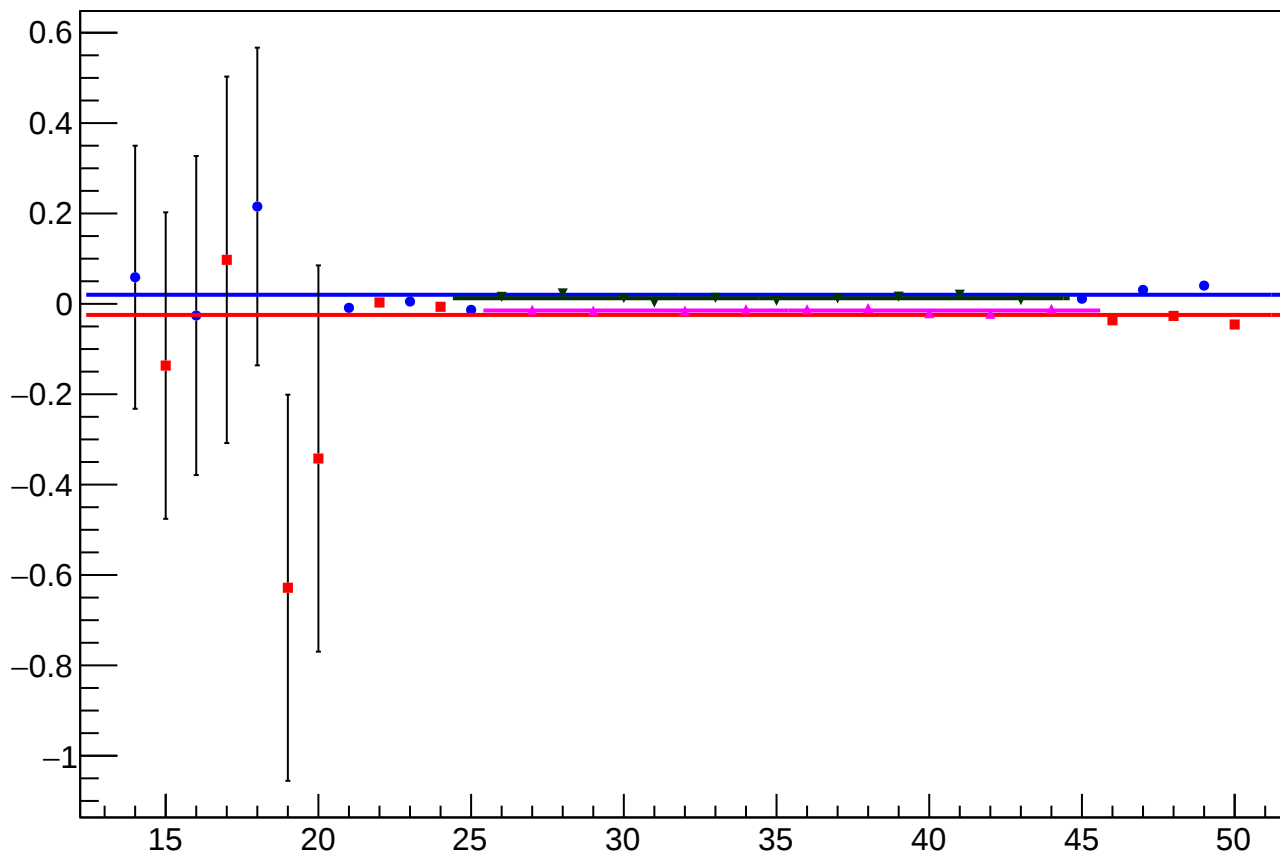
Left Out: -0.032 ± 0.005 χ^2/NDF : 66.2/9

Right Out: 0.077 ± 0.007 χ^2/NDF : 134.3/8

Left In: 0.039 ± 0.005 χ^2/NDF : 49.7/8

0.002 ± 0.003 χ^2/NDF : 811.1/36

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.020 ± 0.001 χ^2/NDF : 215.4/8

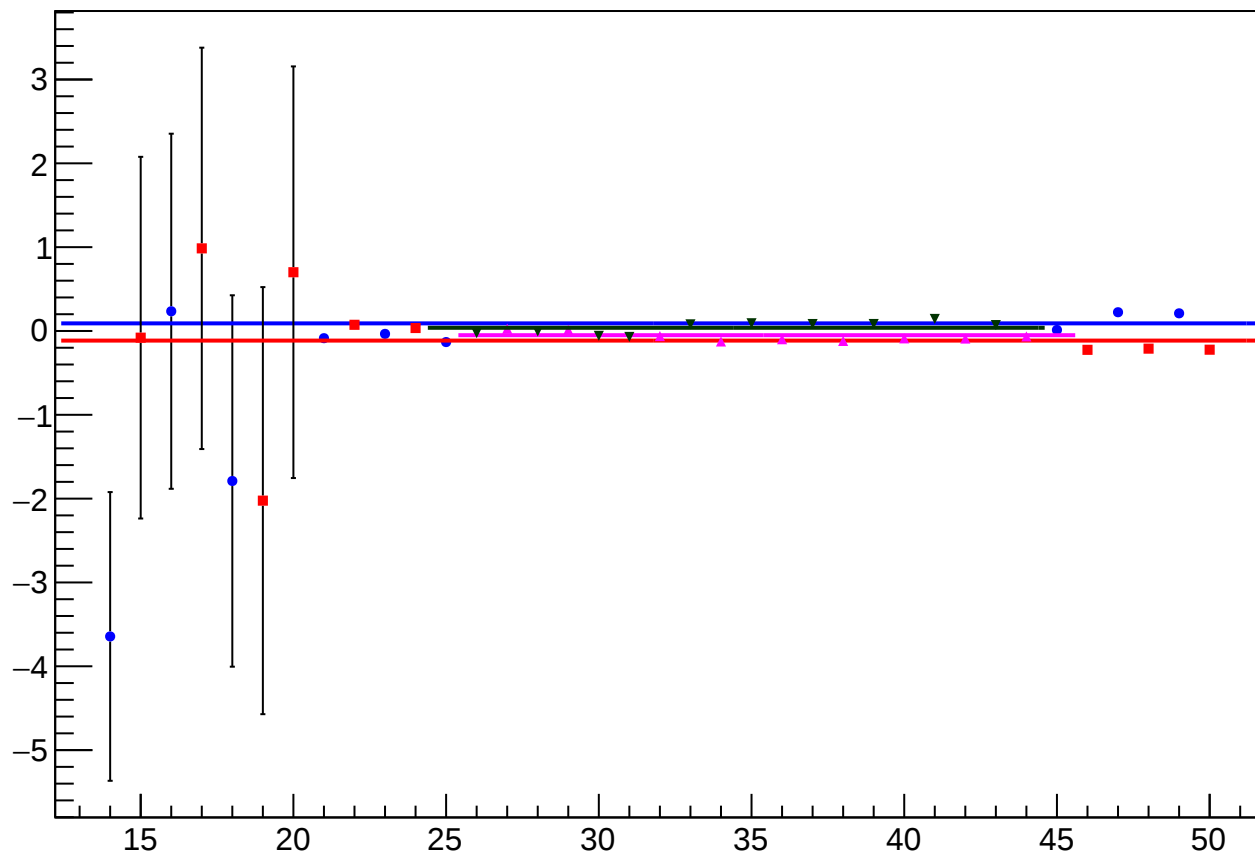
Left Out: 0.012 ± 0.001 χ^2/NDF : 32.8/9

Right Out: -0.024 ± 0.002 χ^2/NDF : 145.5/8

Left In: -0.015 ± 0.001 χ^2/NDF : 13.5/8

-0.000 ± 0.001 χ^2/NDF : 1247.5/36

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.091 ± 0.009 $\chi^2/\text{NDF}: 209.5/8$

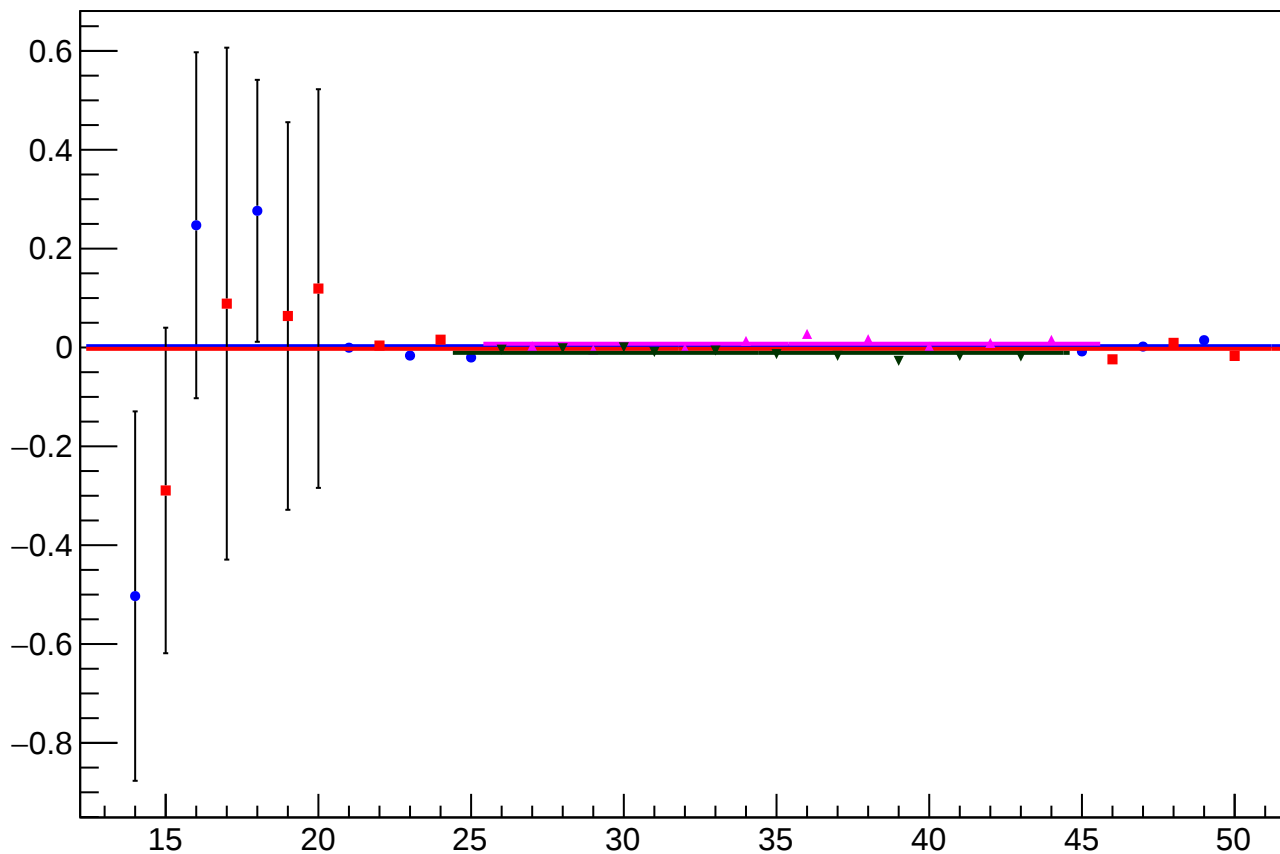
Left Out: 0.038 ± 0.008 $\chi^2/\text{NDF}: 68.8/9$

Right Out: -0.115 ± 0.011 $\chi^2/\text{NDF}: 154.4/8$

Left In: -0.050 ± 0.008 $\chi^2/\text{NDF}: 51.3/8$

-0.004 ± 0.004 $\chi^2/\text{NDF}: 758.1/36$

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.003+/-0.002 χ^2/NDF : 45.7/8

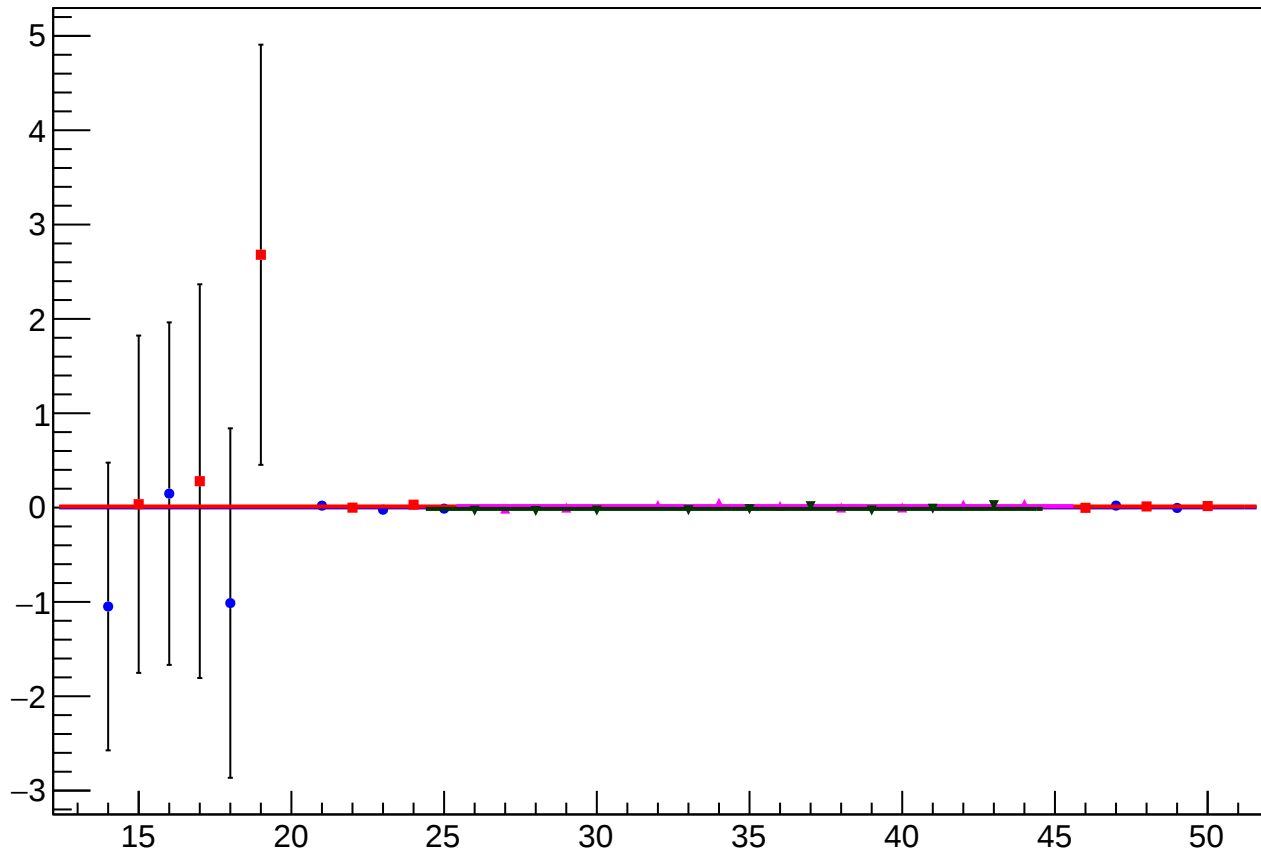
Left Out: -0.011+/-0.001 χ^2/NDF : 34.9/9

Right Out: -0.003+/-0.002 χ^2/NDF : 60.4/8

Left In: 0.008+/-0.002 χ^2/NDF : 44.0/8

-0.002+/-0.001 χ^2/NDF : 272.5/36

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 3.7/7

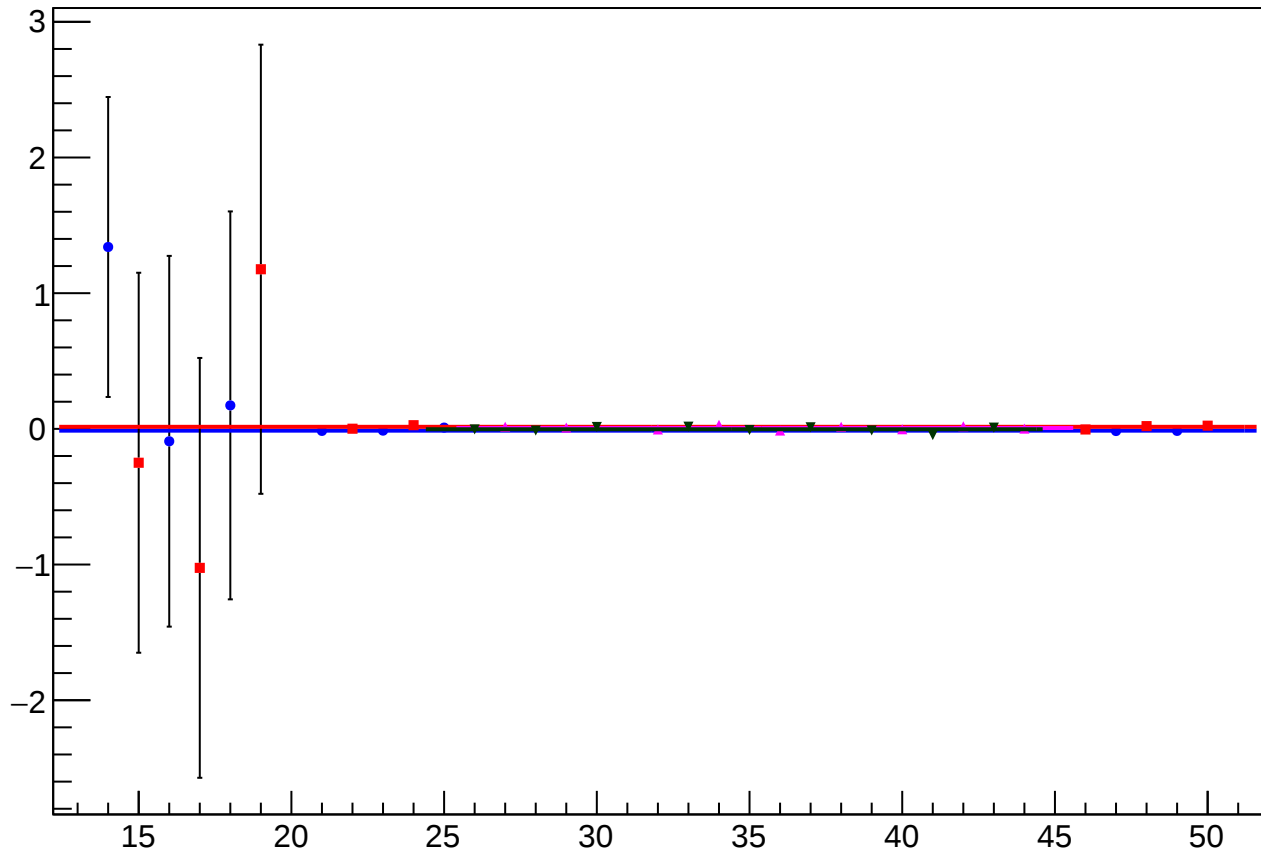
Left Out: -0.014 $\pm$ 0.007 χ^2 /NDF: 11.7/8

Right Out: 0.012 $\pm$ 0.009 χ^2 /NDF: 3.1/7

Left In: 0.015 $\pm$ 0.006 χ^2 /NDF: 8.7/8

0.003 $\pm$ 0.004 χ^2 /NDF: 38.7/33

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.013 ± 0.007 χ^2/NDF : 2.4/7

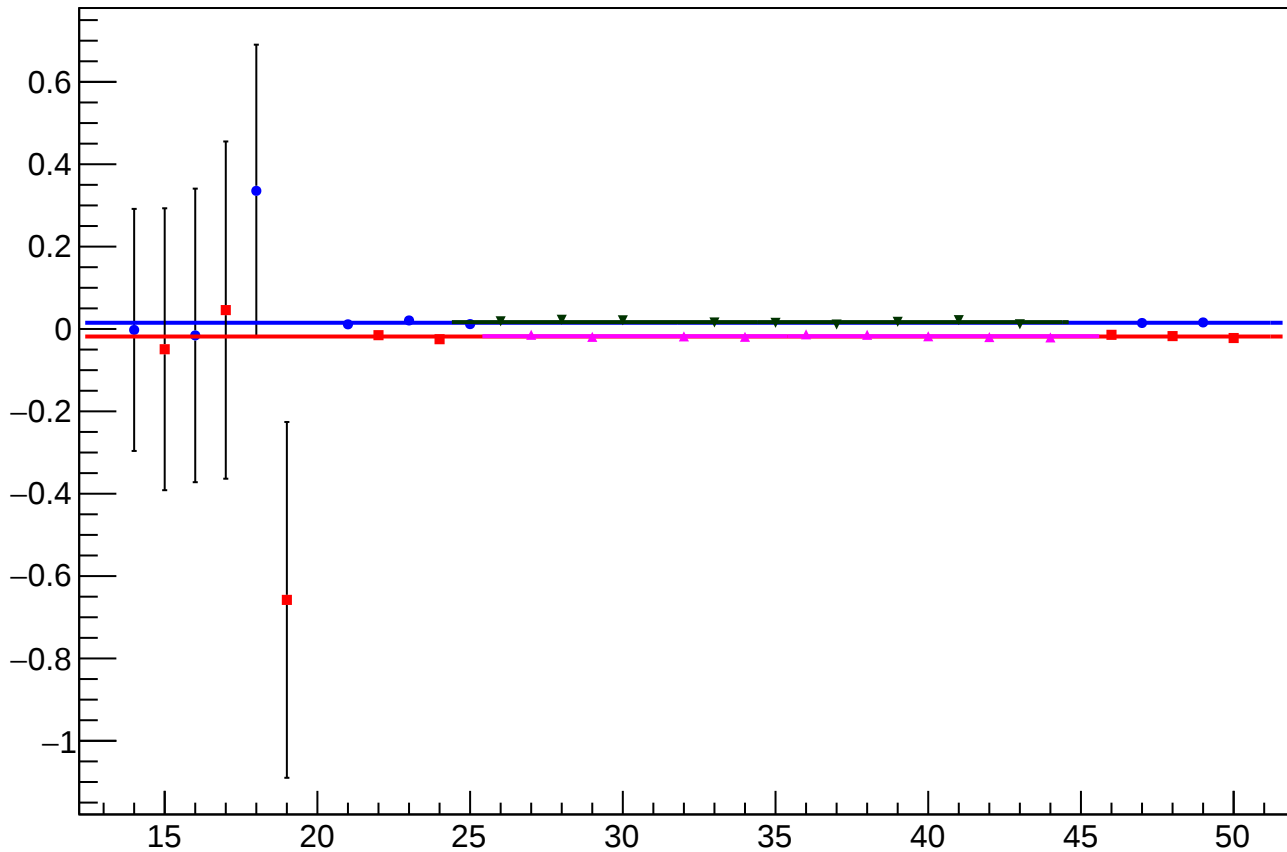
Left Out: -0.003 ± 0.005 χ^2/NDF : 10.9/8

Right Out: 0.015 ± 0.007 χ^2/NDF : 4.3/7

Left In: 0.006 ± 0.005 χ^2/NDF : 5.9/8

0.002 ± 0.003 χ^2/NDF : 34.2/33

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.015 $\pm$ 0.002 χ^2/NDF : 3.9/7

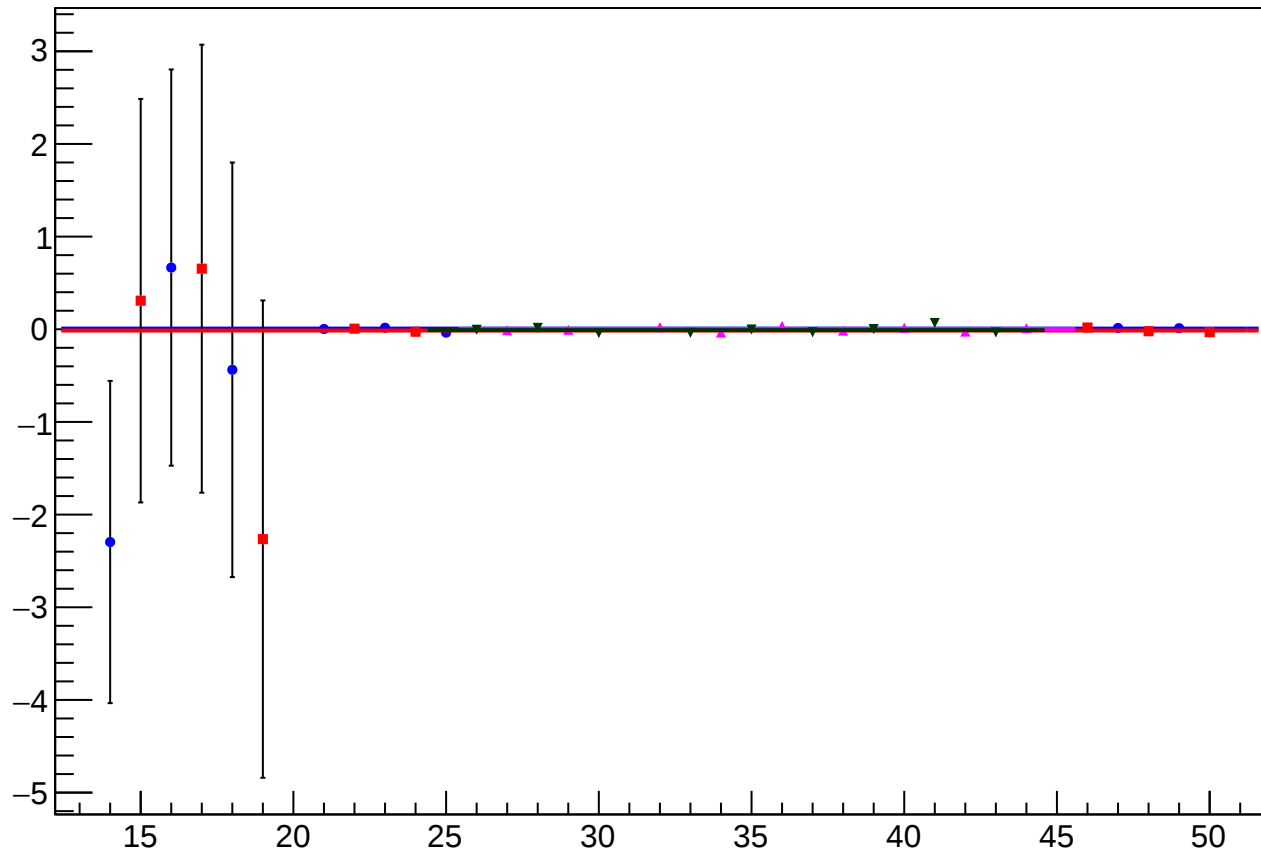
Left Out: 0.017 $\pm$ 0.001 χ^2/NDF : 13.9/8

-0.001 $\pm$ 0.001 χ^2/NDF : 756.2/33

Right Out: -0.018 $\pm$ 0.002 χ^2/NDF : 8.6/7

Left In: -0.017 $\pm$ 0.001 χ^2/NDF : 4.9/8

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.007 $\pm$ 0.011 χ^2 /NDF: 3.4/7

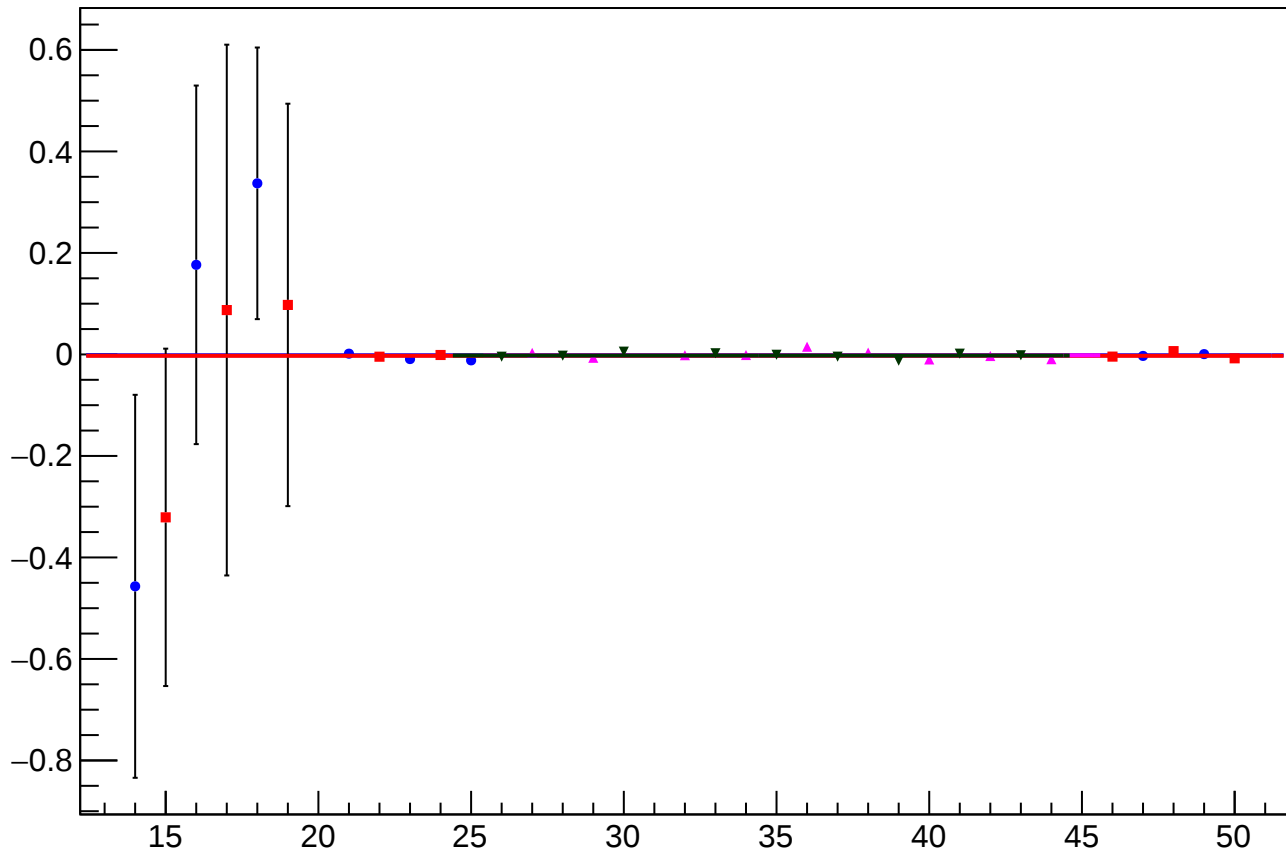
Left Out: -0.009 $\pm$ 0.008 χ^2 /NDF:12.7/8

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 4.0/7

Left In: 0.002 $\pm$ 0.008 χ^2 /NDF:6.6/8

-0.003 $\pm$ 0.005 χ^2 /NDF: 29.5/33

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.002 $\pm$ 0.002 χ^2 /NDF: 7.1/7

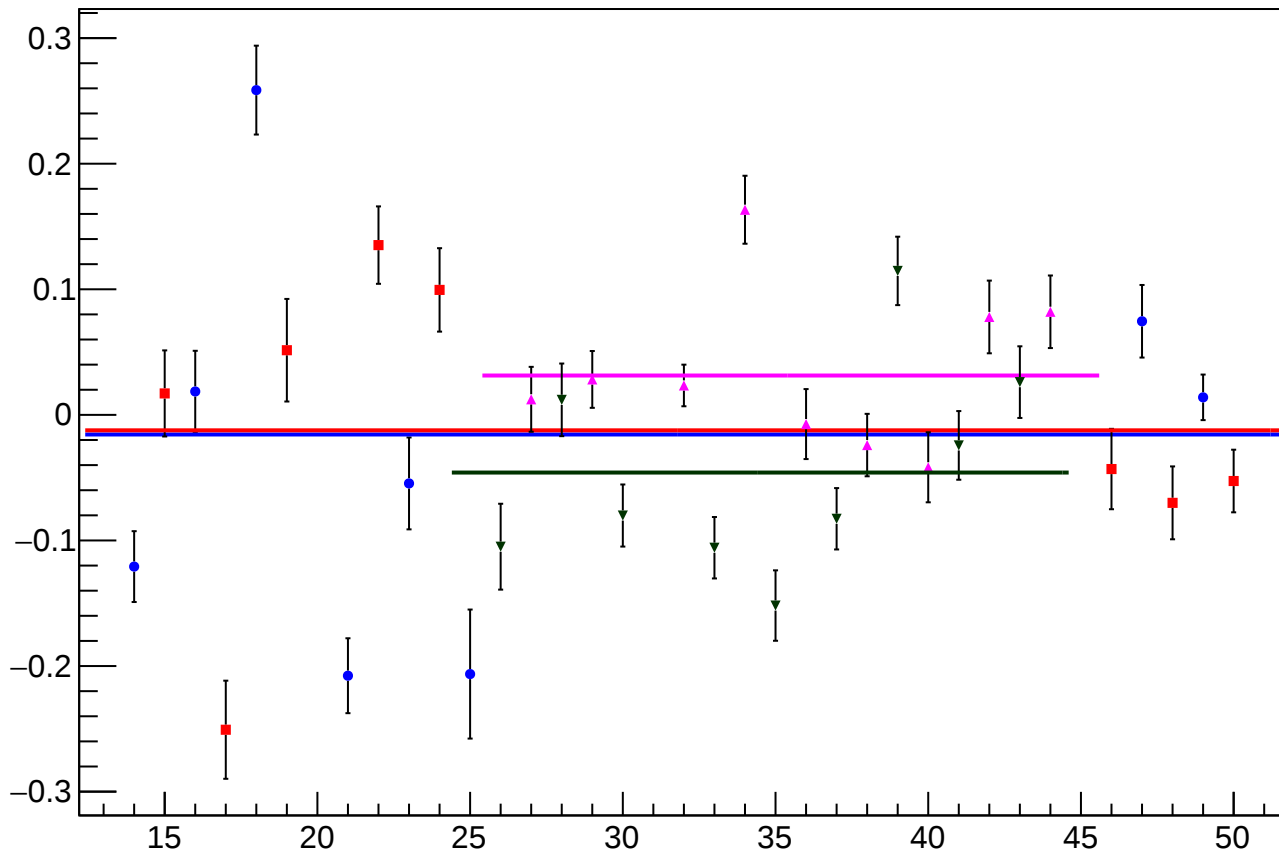
Left Out: -0.002 $\pm$ 0.001 χ^2 /NDF:9.3/8

Right Out: -0.003 $\pm$ 0.002 χ^2 /NDF: 6.7/7

Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:24.7/8

-0.002 $\pm$ 0.001 χ^2 /NDF: 48.1/33

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.016 ± 0.010 χ^2/NDF : 143.9/7

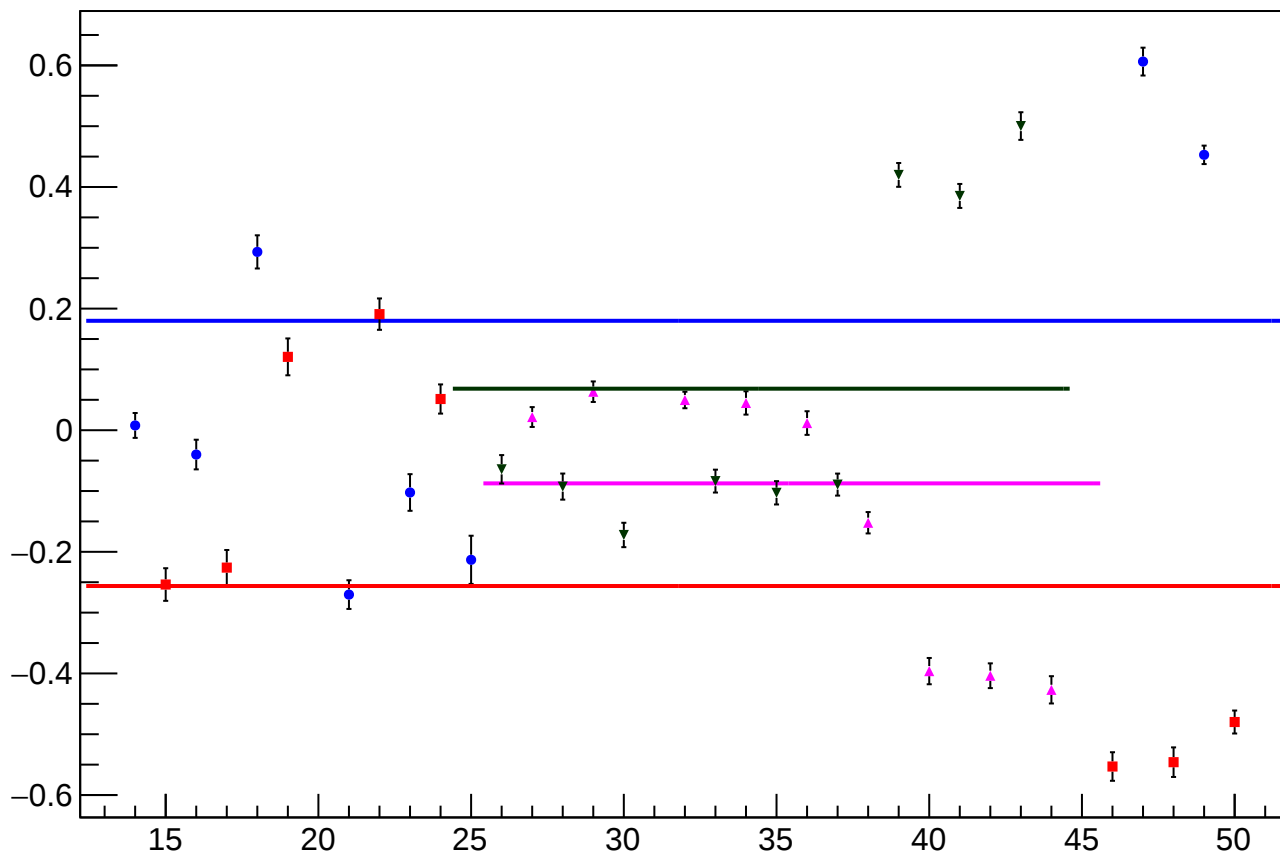
Left Out: -0.046 ± 0.009 χ^2/NDF : 73.2/8

-0.008 ± 0.005 χ^2/NDF : 384.8/33

Right Out: -0.012 ± 0.011 χ^2/NDF : 82.2/7

Left In: 0.031 ± 0.008 χ^2/NDF : 44.0/8

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.180 $\pm$ 0.008 χ^2 /NDF: 1389.7/7

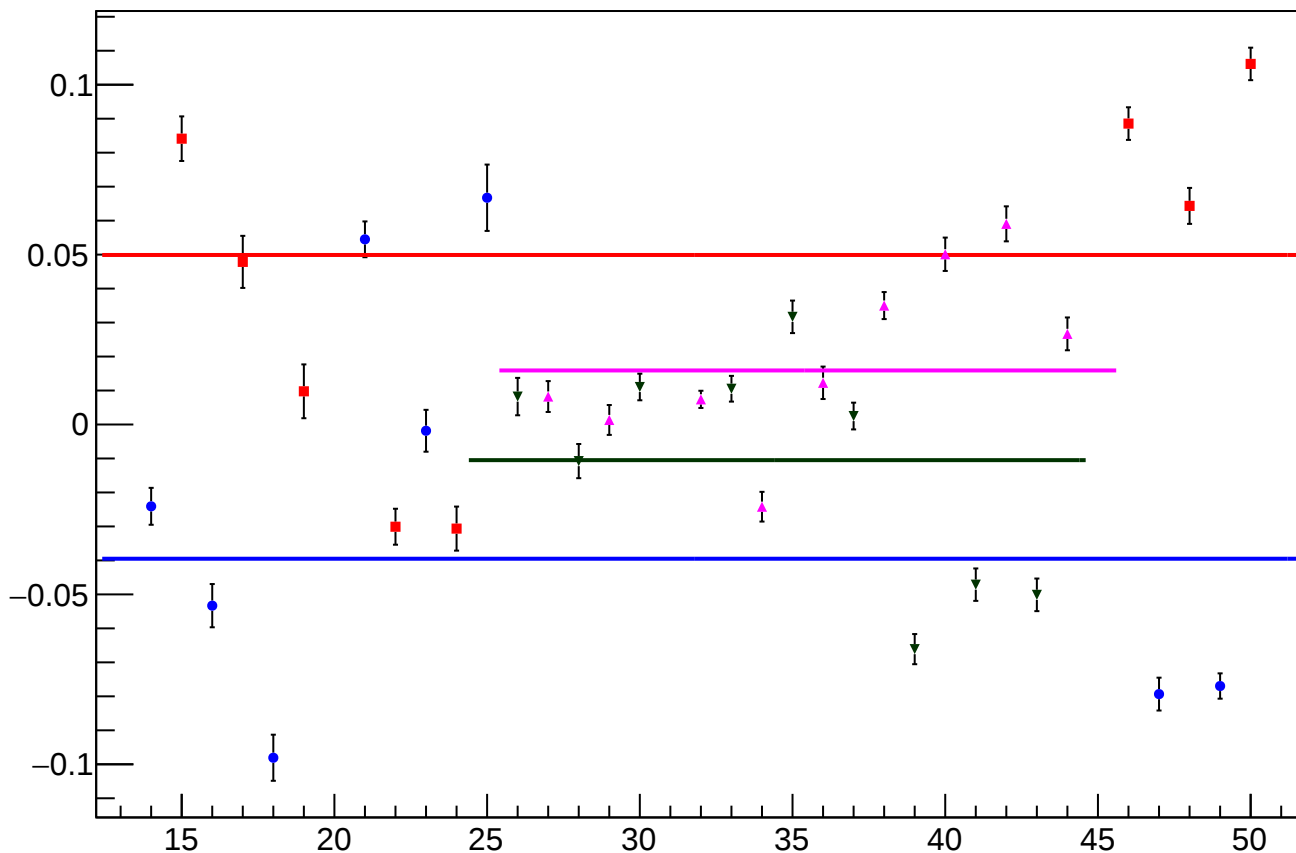
Left Out: 0.068 $\pm$ 0.007 χ^2 /NDF:1394.7/8

Right Out: -0.256 $\pm$ 0.009 χ^2 /NDF: 1061.8/7

Left In: -0.087 $\pm$ 0.006 χ^2 /NDF:988.6/8

-0.020 $\pm$ 0.004 χ^2 /NDF: 6479.1/33

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

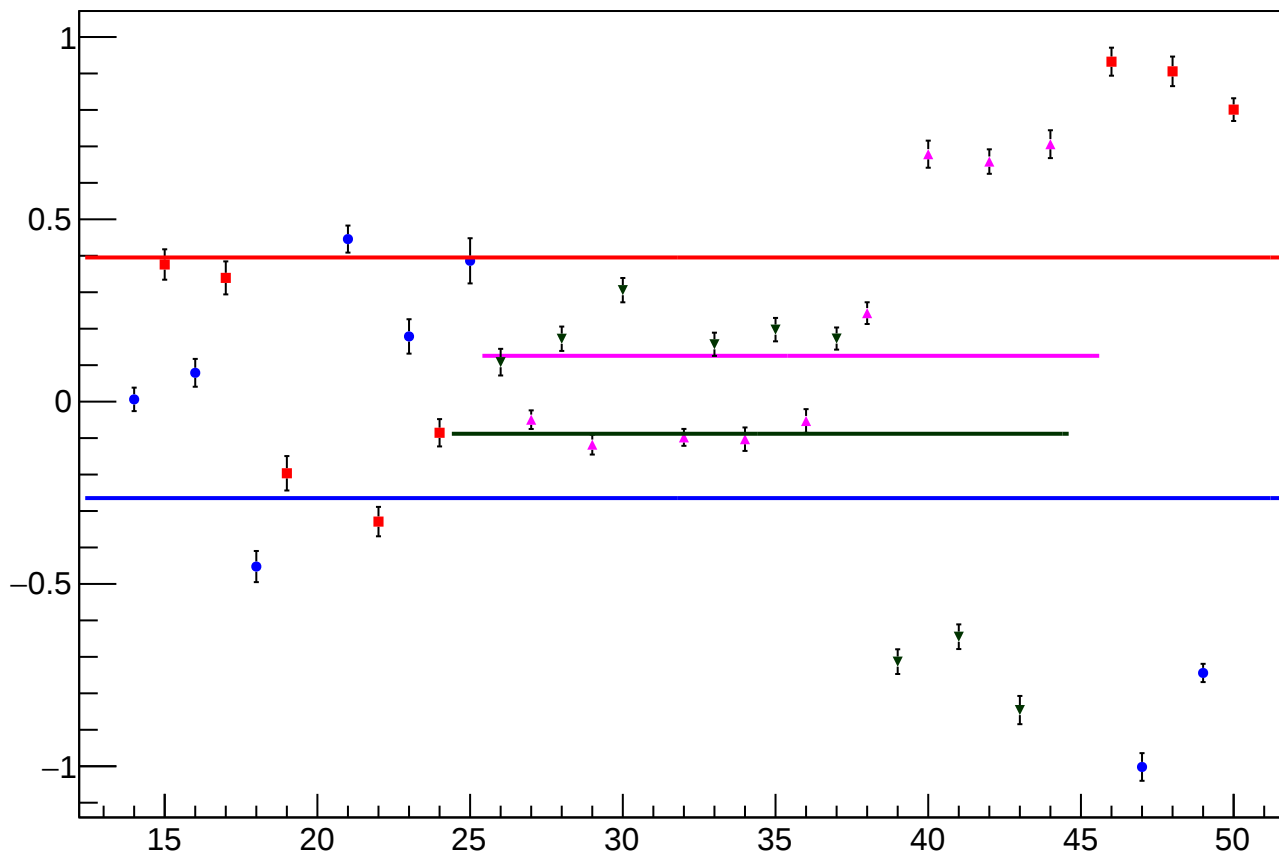
Left Out: -0.010 $\pm$ 0.001 χ^2 /NDF: 445.6/8

Right Out: 0.050 $\pm$ 0.002 χ^2 /NDF: 646.3/7

Left In: 0.016 $\pm$ 0.001 χ^2 /NDF: 256.5/8

0.003 $\pm$ 0.001 χ^2 /NDF: 3259.4/33

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.265 ± 0.013 χ^2/NDF : 1482.3/7

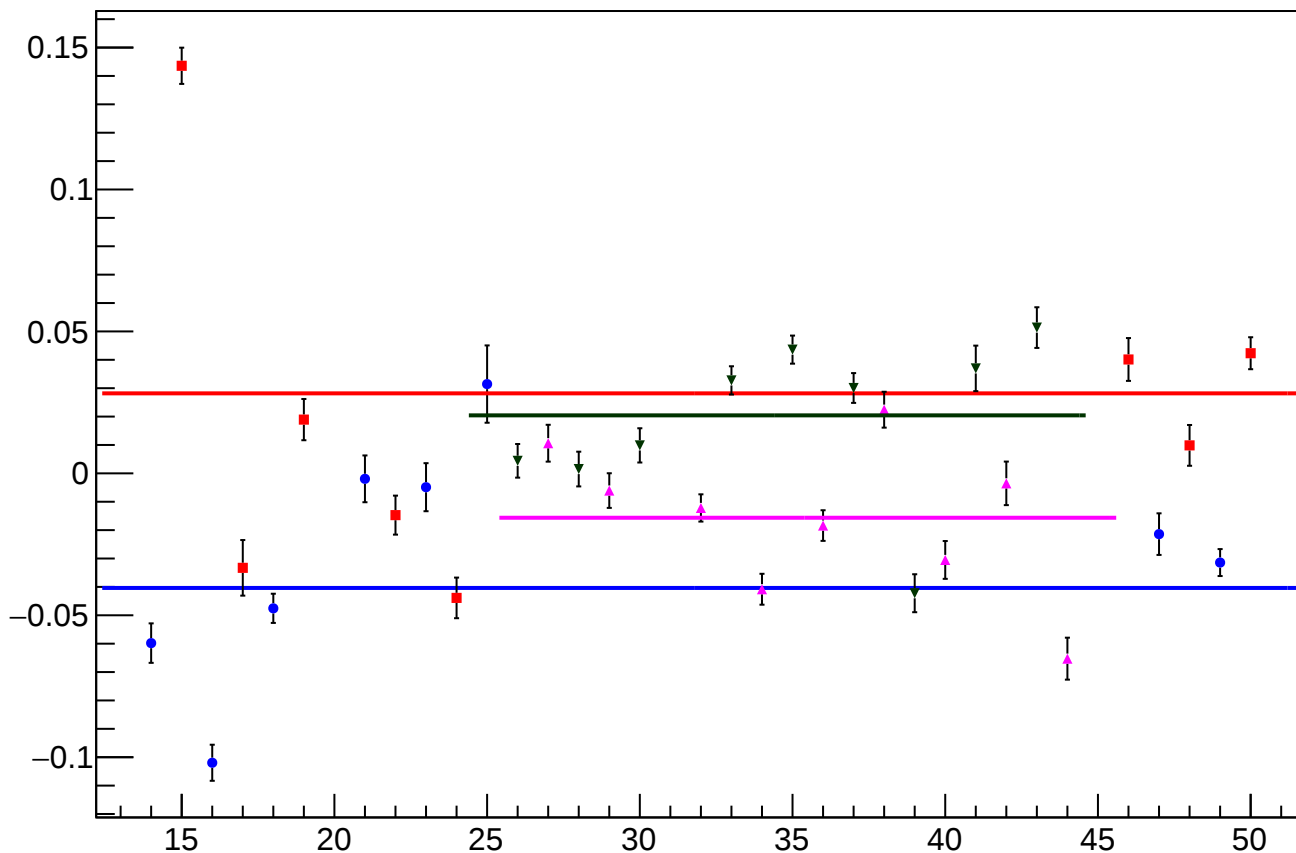
Left Out: -0.088 ± 0.011 χ^2/NDF : 1435.6/8

Right Out: 0.395 ± 0.014 χ^2/NDF : 1169.1/7

Left In: 0.126 ± 0.010 χ^2/NDF : 1020.5/8

0.035 ± 0.006 χ^2/NDF : 6513.1/33

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.040±/0.002 χ^2/NDF : 181.1/7

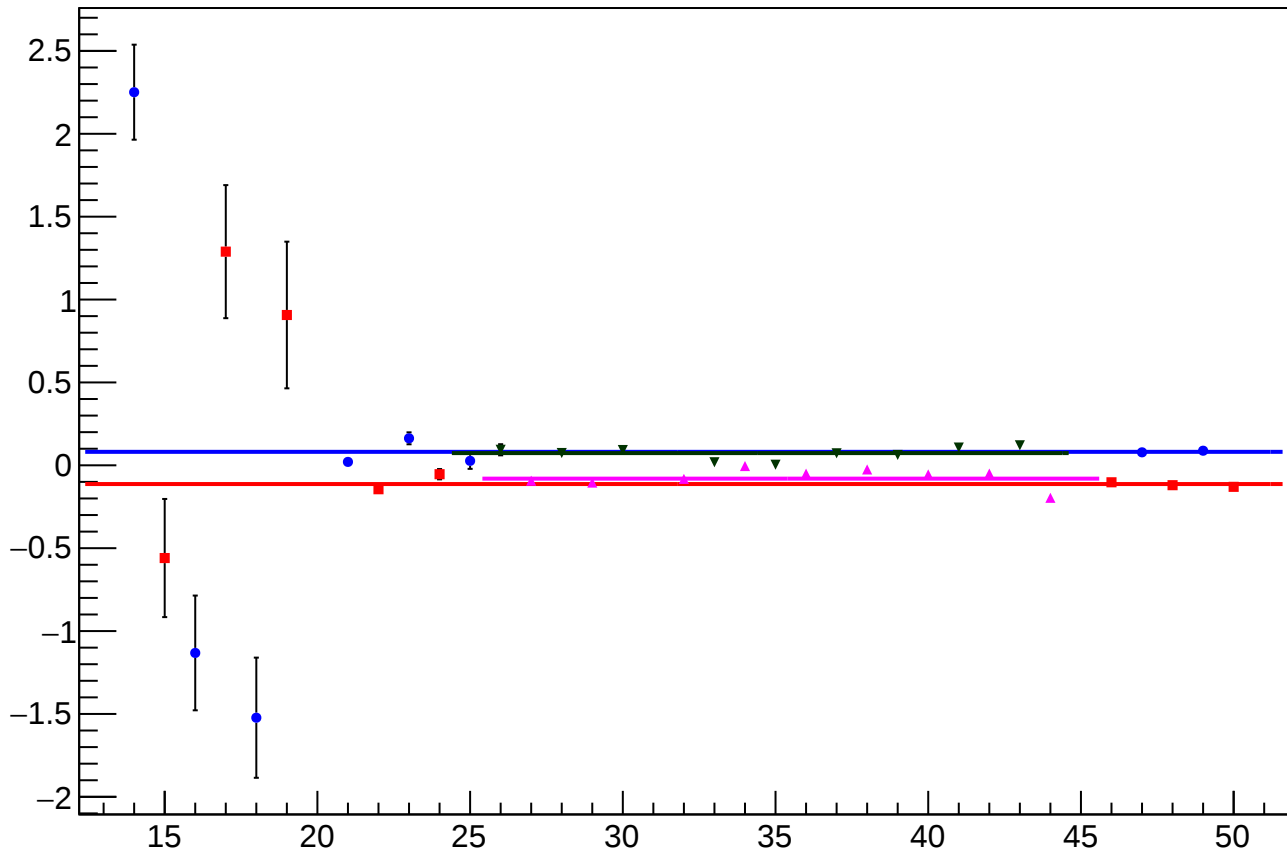
Left Out: 0.020±/0.002 χ^2/NDF :162.1/8

Right Out: 0.028±/0.002 χ^2/NDF : 523.5/7

Left In: -0.016±/0.002 χ^2/NDF :129.9/8

-0.001±/0.001 χ^2/NDF : 1585.5/33

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.081+/-0.011 χ^2/NDF : 100.1/7

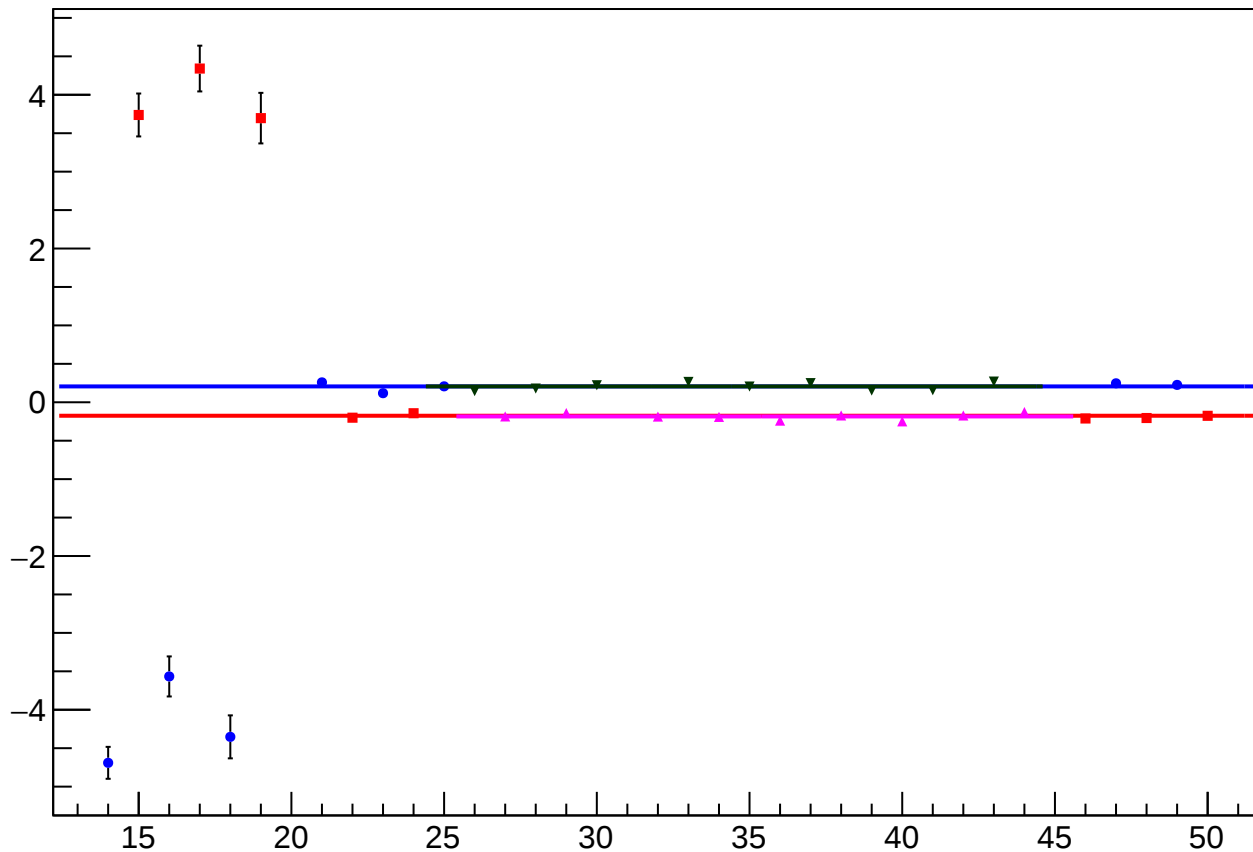
Left Out: 0.074+/-0.009 χ^2/NDF : 17.2/8

-0.010+/-0.005 χ^2/NDF : 494.4/33

Right Out: -0.113+/-0.012 χ^2/NDF : 24.7/7

Left In: -0.080+/-0.008 χ^2/NDF : 39.2/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.206+/-0.009 χ^2/NDF : 1051.7/7

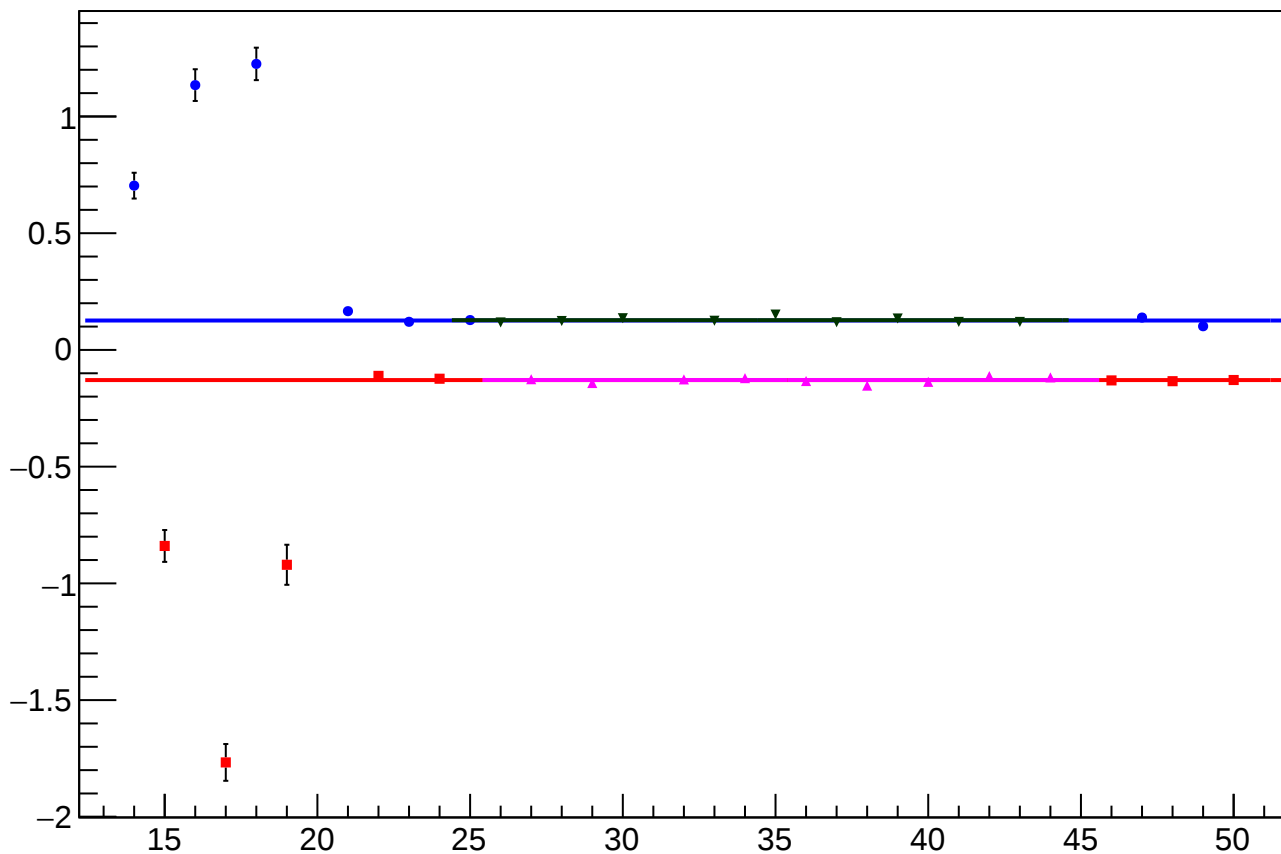
Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

Right Out: -0.175+/-0.009 χ^2/NDF : 573.8/7

Left In: -0.184+/-0.006 χ^2/NDF : 39.0/8

0.002+/-0.004 χ^2/NDF : 4545.5/33

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.126 ± 0.002 $\chi^2/\text{NDF}: 715.5/7$

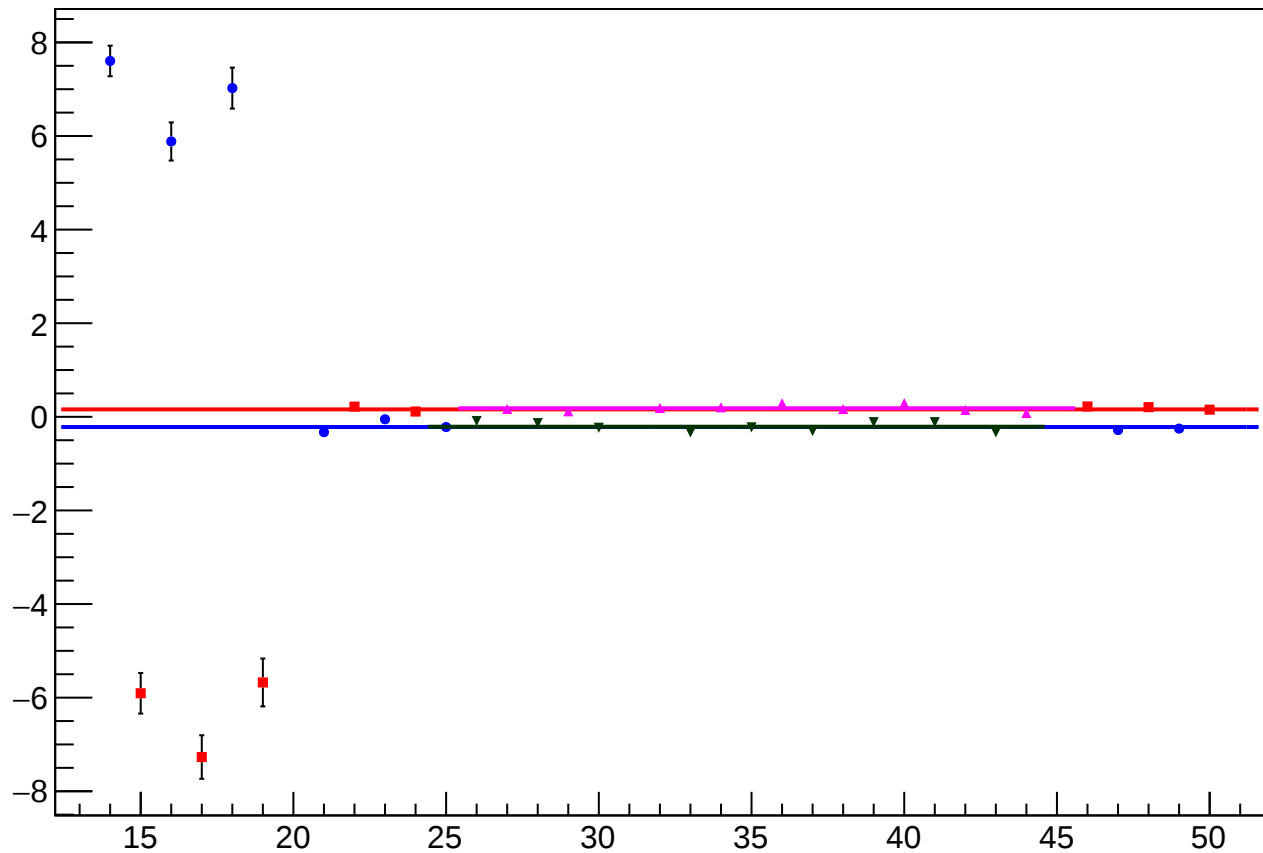
Left Out: 0.127 ± 0.001 $\chi^2/\text{NDF}: 47.7/8$

Right Out: -0.129 ± 0.002 $\chi^2/\text{NDF}: 640.4/7$

Left In: -0.129 ± 0.001 $\chi^2/\text{NDF}: 62.0/8$

-0.006 ± 0.001 $\chi^2/\text{NDF}: 25519.0/33$

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.217 ± 0.014 $\chi^2/\text{NDF}: 1099.3/7$

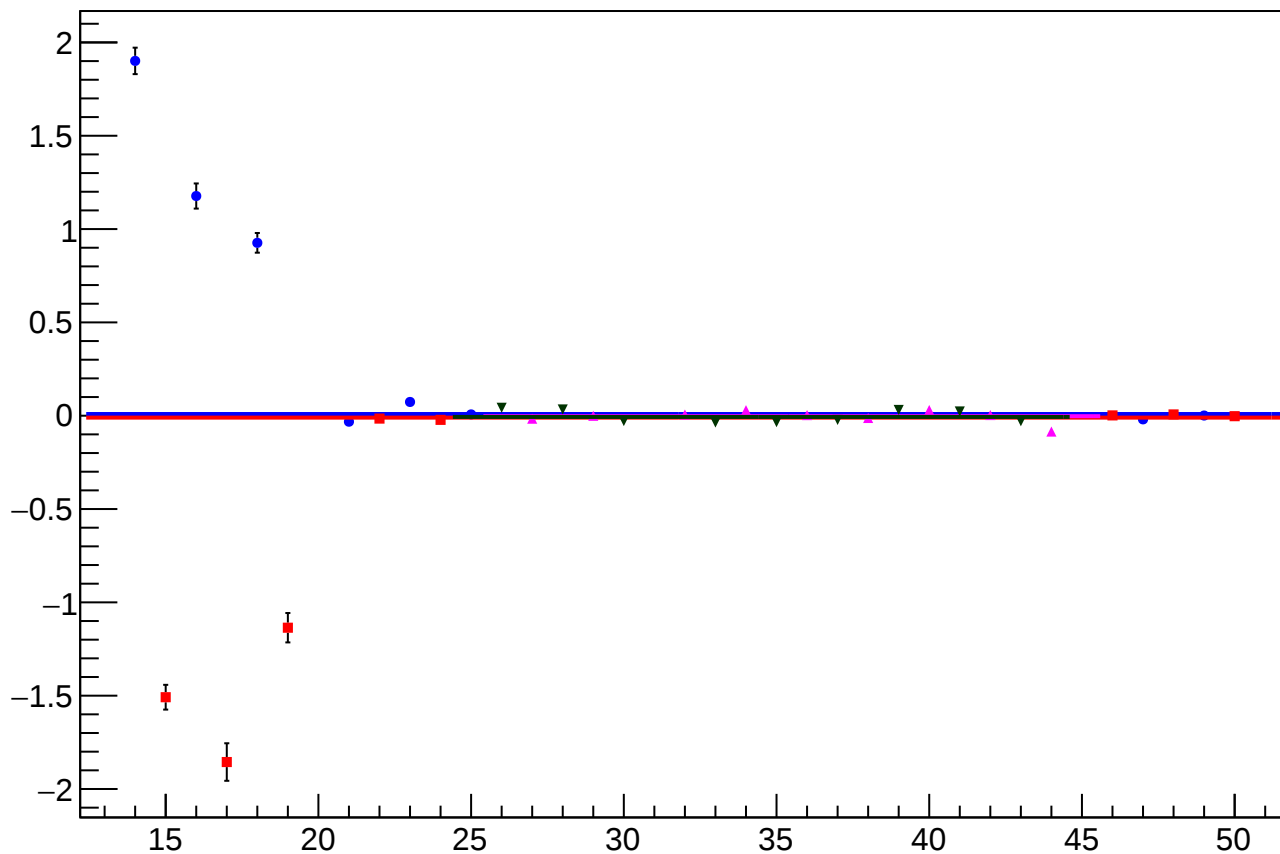
Left Out: -0.211 ± 0.011 $\chi^2/\text{NDF}: 72.0/8$

Right Out: 0.159 ± 0.015 $\chi^2/\text{NDF}: 590.1/7$

Left In: 0.183 ± 0.010 $\chi^2/\text{NDF}: 42.4/8$

-0.009 ± 0.006 $\chi^2/\text{NDF}: 2848.3/33$

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.009+/-0.003 χ^2/NDF : 1425.7/7

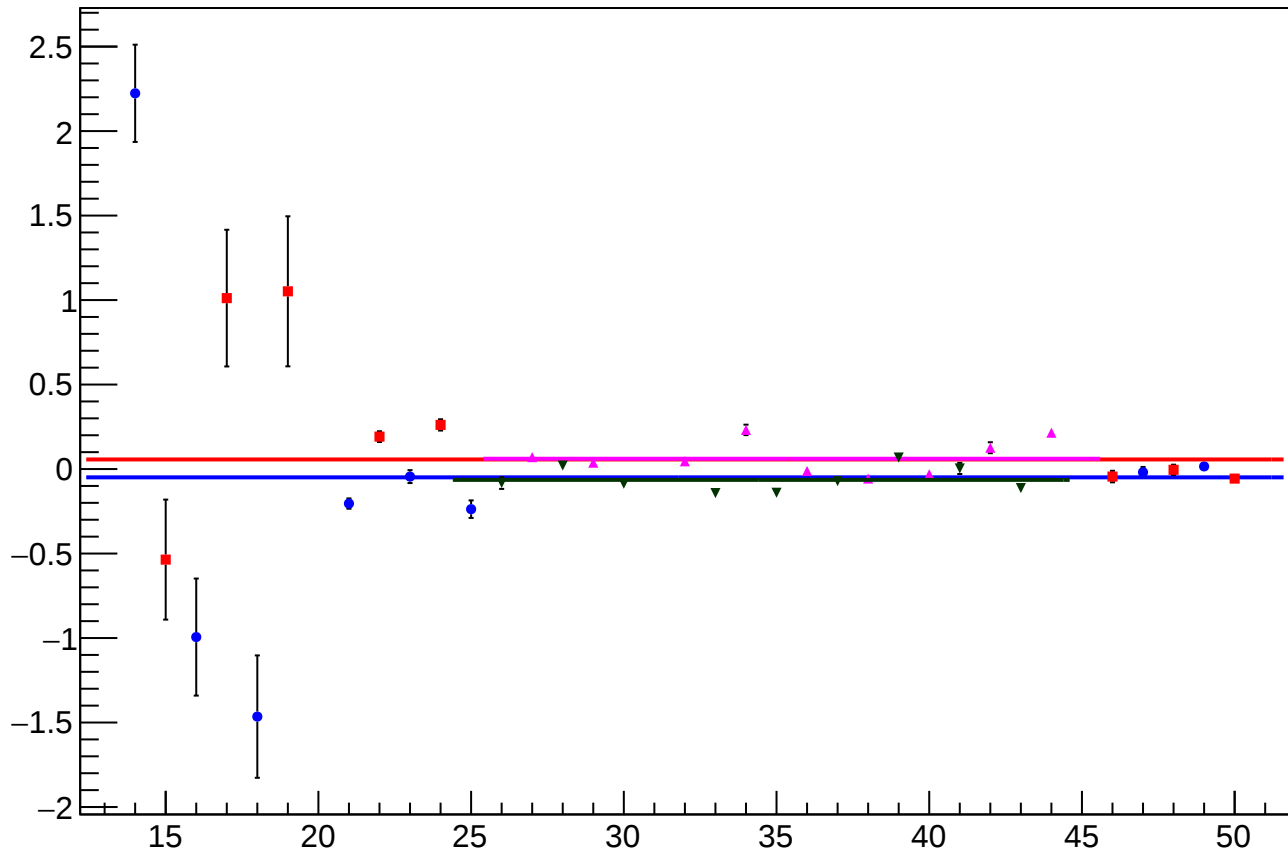
Left Out: -0.007+/-0.002 χ^2/NDF : 264.2/8

Right Out: -0.010+/-0.003 χ^2/NDF : 1068.9/7

Left In: -0.002+/-0.002 χ^2/NDF : 272.1/8

-0.003+/-0.001 χ^2/NDF : 3060.3/33

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.049 $\pm$ 0.013 χ^2/NDF : 137.7/7

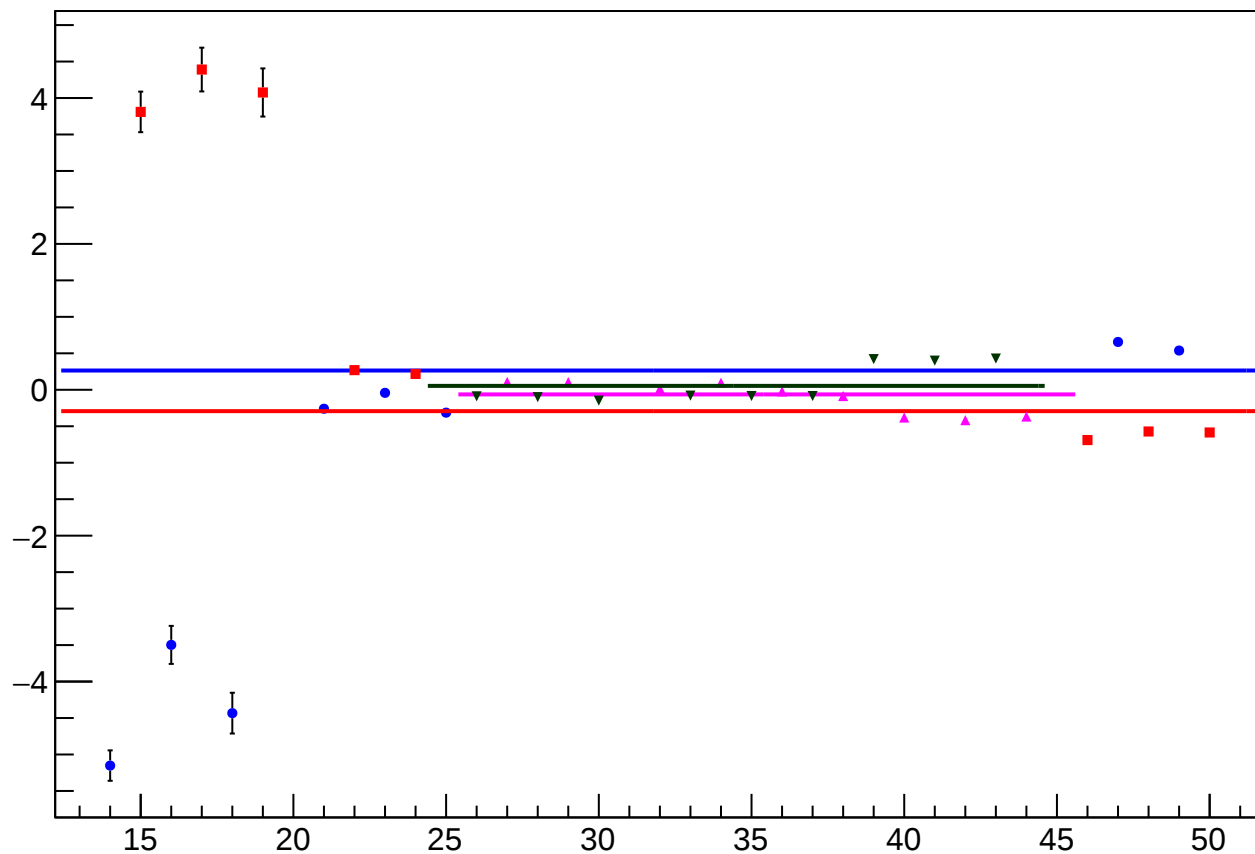
Left Out: -0.064 $\pm$ 0.009 χ^2/NDF : 53.3/8

0.003 $\pm$ 0.005 χ^2/NDF : 515.5/33

Right Out: 0.057 $\pm$ 0.014 χ^2/NDF : 101.5/7

Left In: 0.061 $\pm$ 0.009 χ^2/NDF : 96.3/8

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.264 ± 0.010 $\chi^2/\text{NDF}: 2510.4/7$

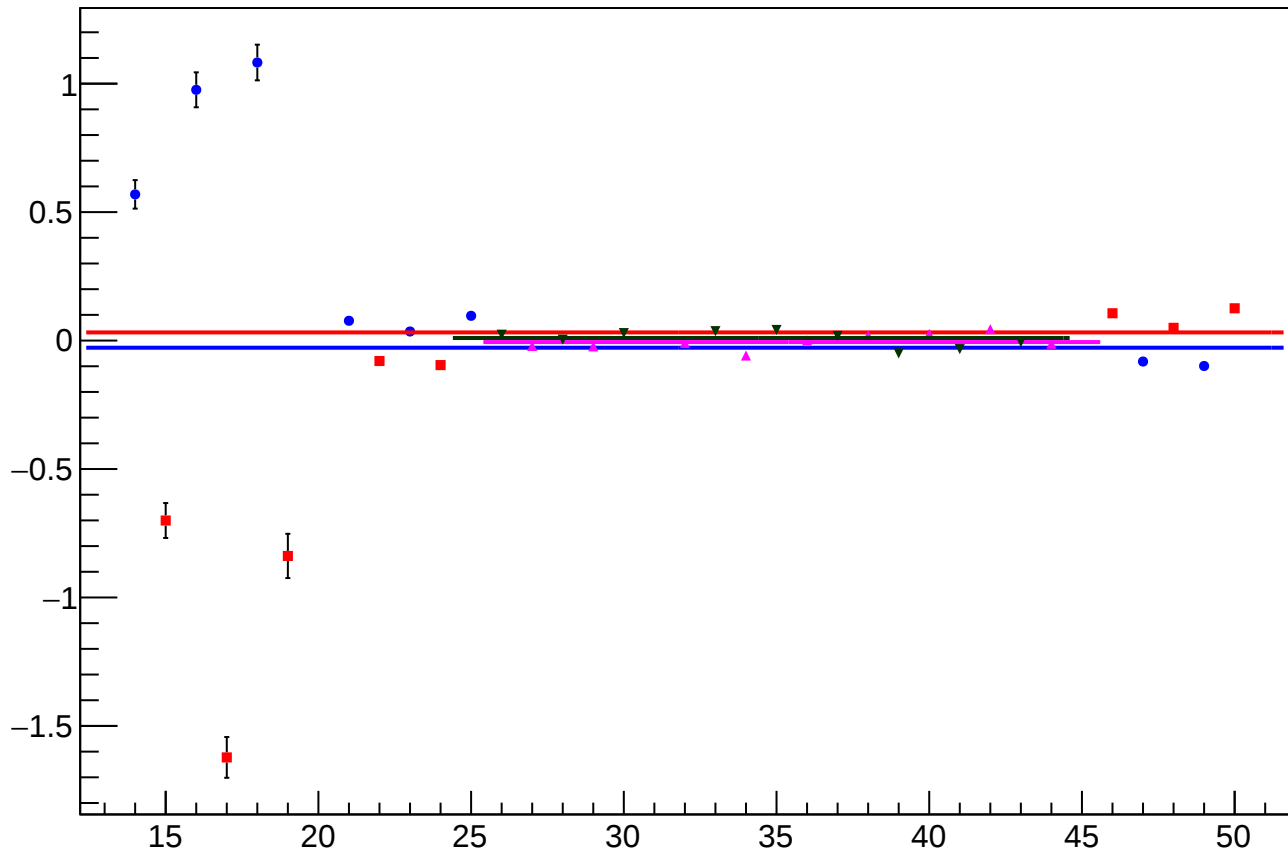
Left Out: 0.054 ± 0.007 $\chi^2/\text{NDF}: 1125.4/8$

Right Out: -0.293 ± 0.011 $\chi^2/\text{NDF}: 2127.6/7$

Left In: -0.063 ± 0.006 $\chi^2/\text{NDF}: 920.0/8$

-0.010 ± 0.004 $\chi^2/\text{NDF}: 8249.9/33$

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.028 ± 0.002 χ^2/NDF : 1689.8/7

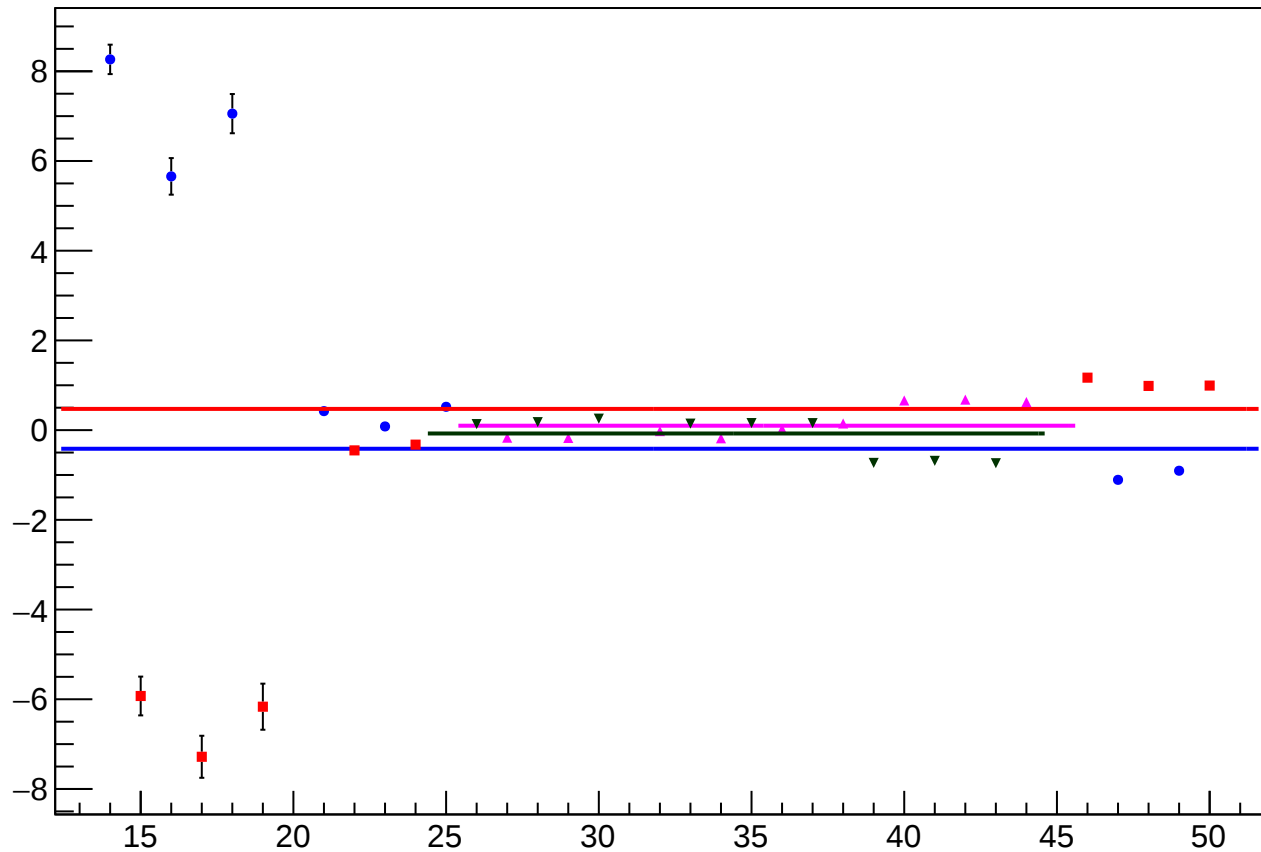
Left Out: 0.010 ± 0.002 χ^2/NDF : 343.2/8

Right Out: 0.032 ± 0.002 χ^2/NDF : 2039.4/7

Left In: -0.006 ± 0.001 χ^2/NDF : 288.3/8

0.002 ± 0.001 χ^2/NDF : 4724.3/33

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.415 ± 0.017 χ^2/NDF : 2692.5/7

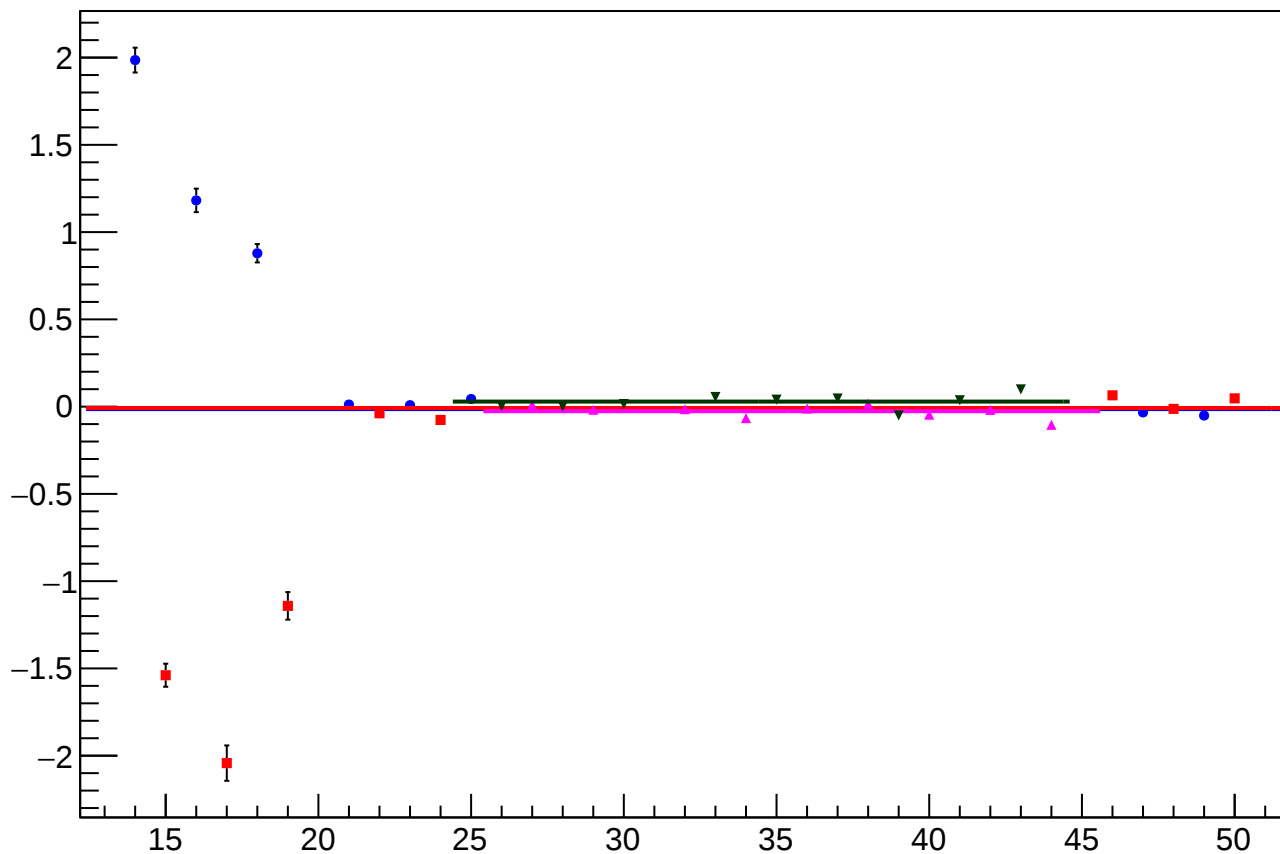
Left Out: -0.075 ± 0.012 χ^2/NDF : 1172.9/8

0.020 ± 0.007 χ^2/NDF : 8608.3/33

Right Out: 0.473 ± 0.017 χ^2/NDF : 2299.7/7

Left In: 0.099 ± 0.011 χ^2/NDF : 947.3/8

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.014 $\pm$ 0.003 χ^2/NDF : 1493.6/7

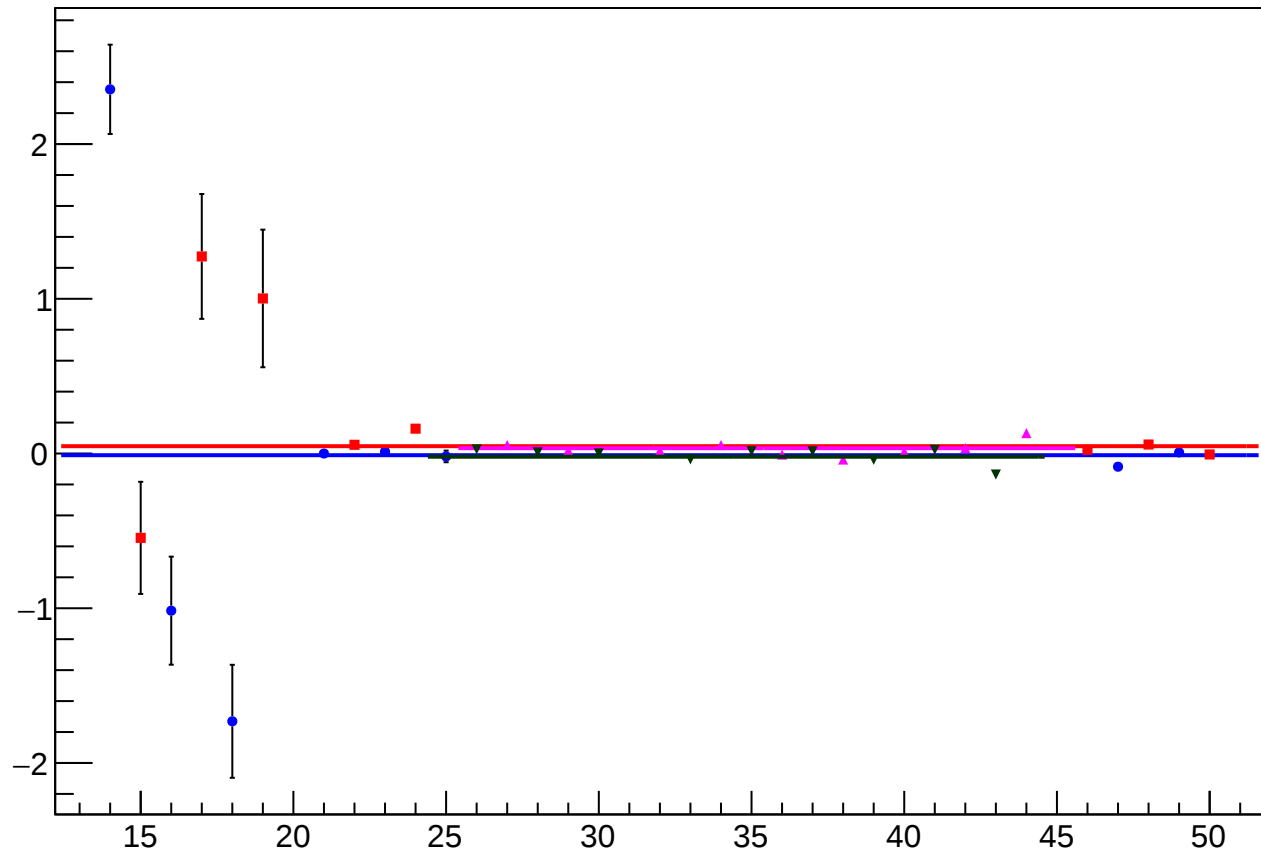
Left Out: 0.029 $\pm$ 0.002 χ^2/NDF : 298.0/8

Right Out: -0.008 $\pm$ 0.003 χ^2/NDF : 1426.8/7

Left In: -0.026 $\pm$ 0.002 χ^2/NDF : 232.0/8

-0.001 $\pm$ 0.001 χ^2/NDF : 3823.4/33

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.011 ± 0.009 χ^2/NDF : 114.0/7

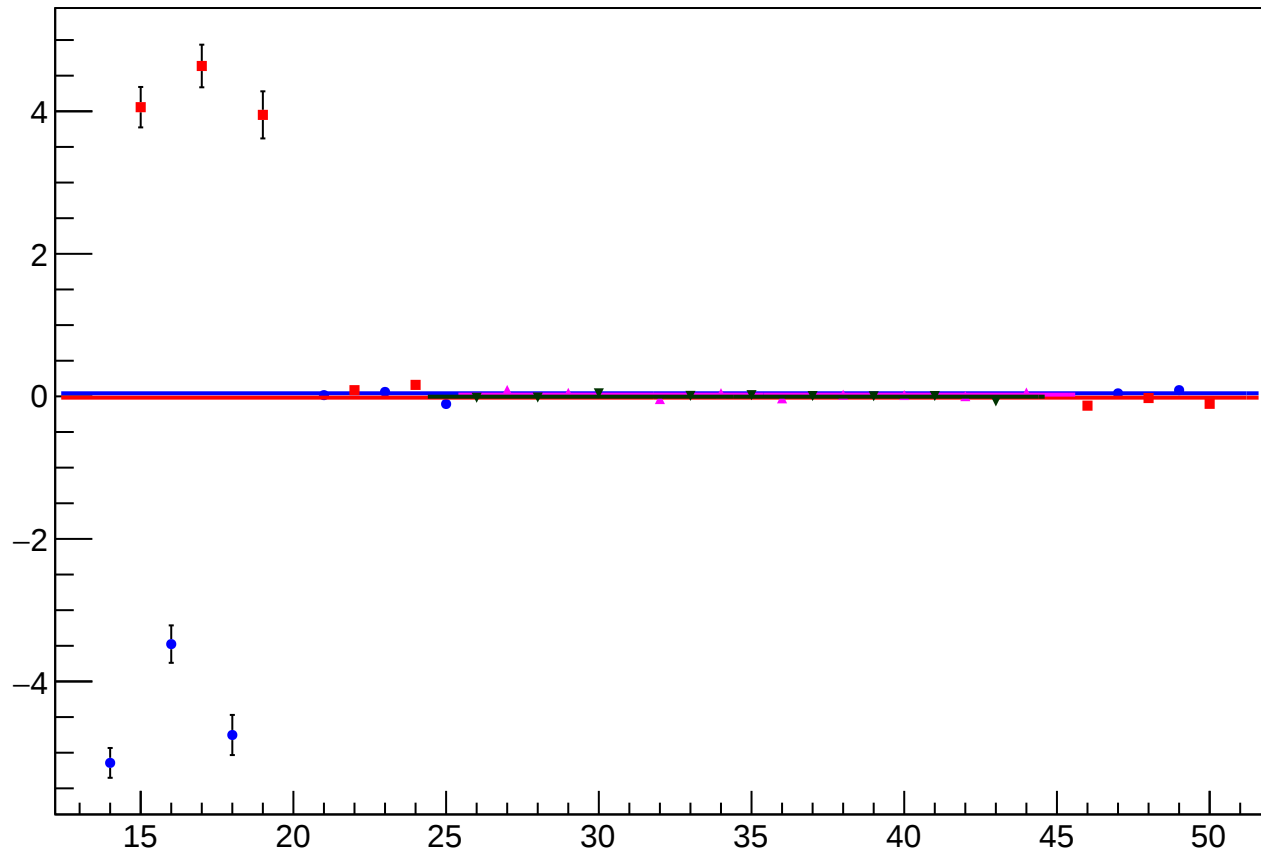
Left Out: -0.021 ± 0.007 χ^2/NDF : 59.1/8

Right Out: 0.047 ± 0.009 χ^2/NDF : 50.2/7

Left In: 0.034 ± 0.006 χ^2/NDF : 46.4/8

0.012 ± 0.004 χ^2/NDF : 325.9/33

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.043 ± 0.007 χ^2/NDF : 1133.6/7

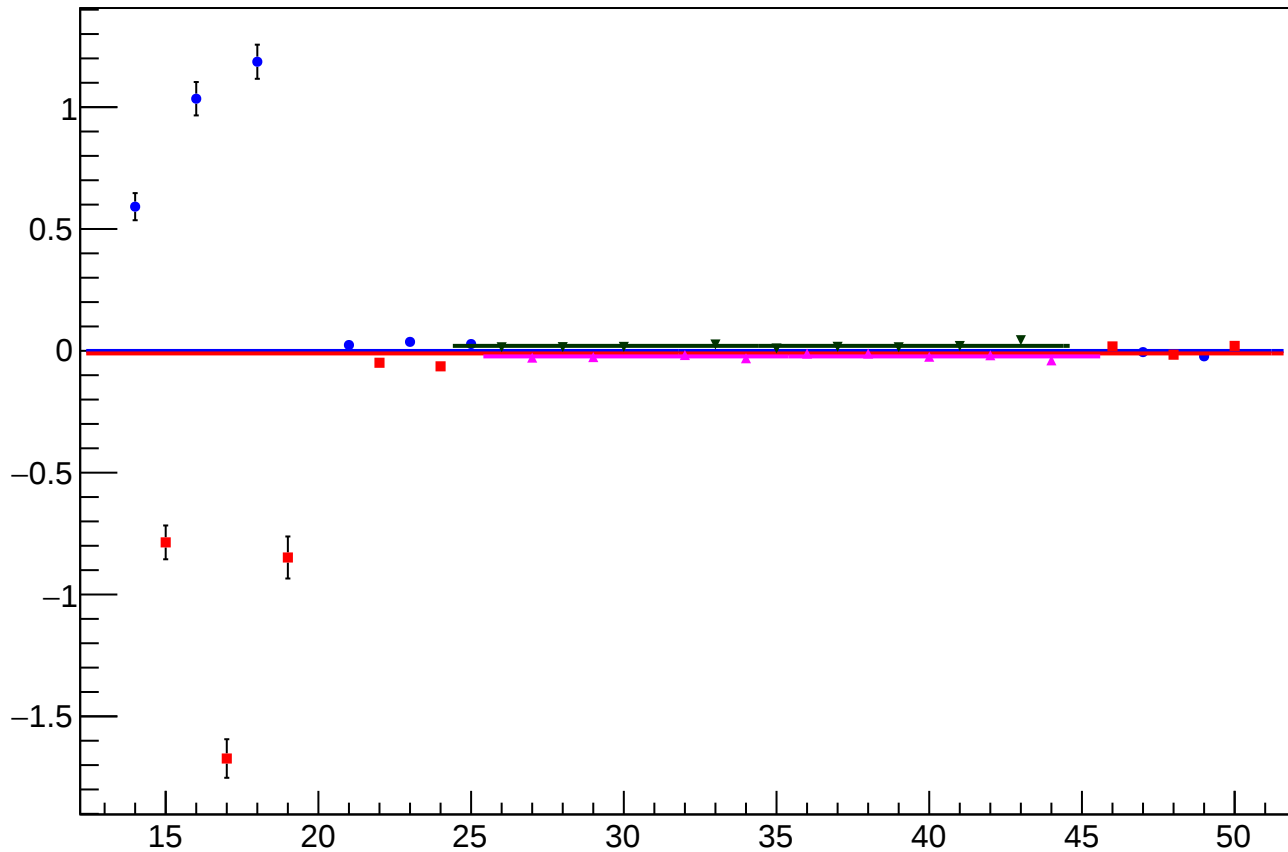
Left Out: -0.005 ± 0.005 χ^2/NDF : 34.9/8

0.012 ± 0.003 χ^2/NDF : 2117.8/33

Right Out: -0.018 ± 0.007 χ^2/NDF : 819.7/7

Left In: 0.024 ± 0.005 χ^2/NDF : 75.1/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.001 ± 0.002 χ^2/NDF : 825.2/7

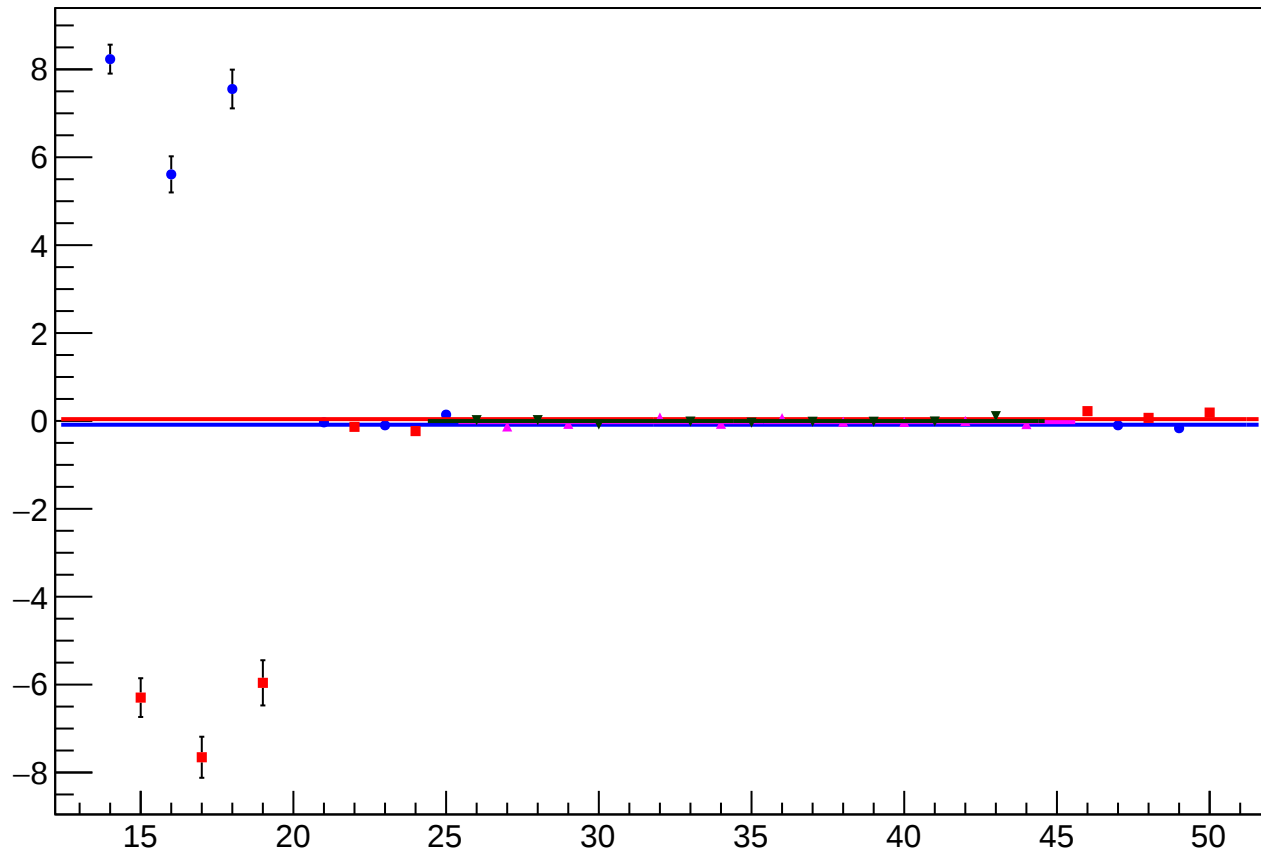
Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

-0.003 ± 0.001 χ^2/NDF : 2792.5/33

Right Out: -0.011 ± 0.002 χ^2/NDF : 1049.4/7

Left In: -0.023 ± 0.001 χ^2/NDF : 60.4/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.086 ± 0.011 χ^2/NDF : 1185.3/7

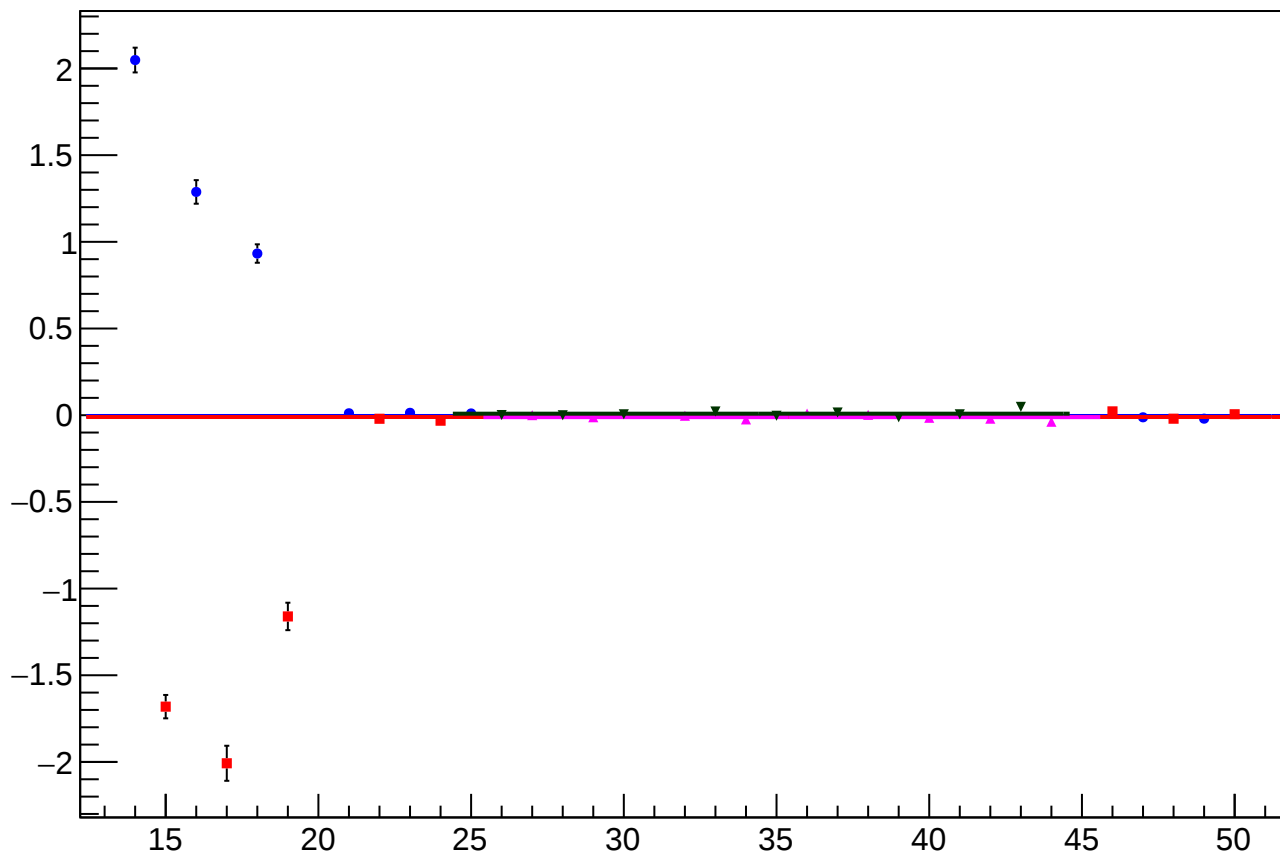
Left Out: -0.003 ± 0.009 χ^2/NDF : 34.3/8

-0.019 ± 0.005 χ^2/NDF : 2202.6/33

Right Out: 0.041 ± 0.012 χ^2/NDF : 844.3/7

Left In: -0.028 ± 0.008 χ^2/NDF : 72.1/8

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.004 ± 0.002 χ^2/NDF : 1542.2/7

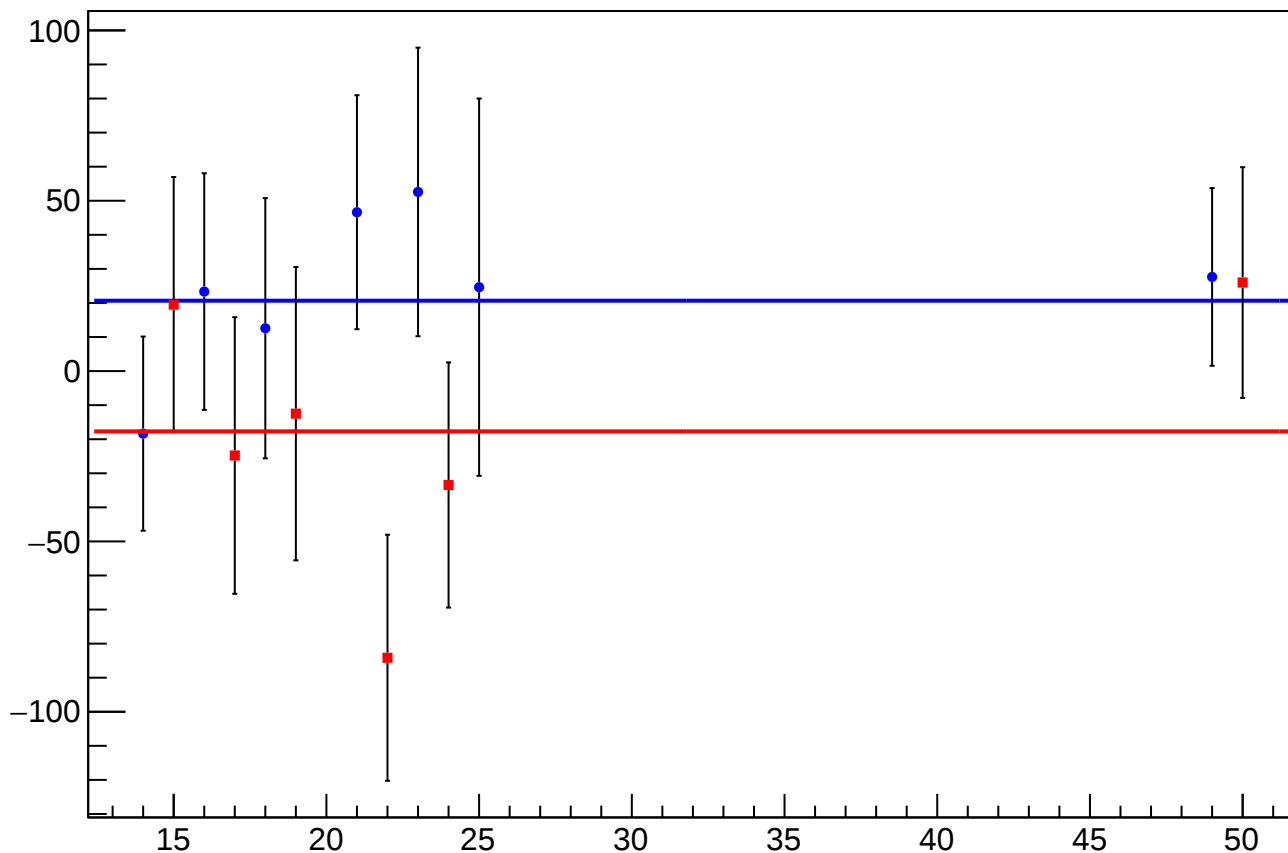
Left Out: 0.009 ± 0.002 χ^2/NDF : 124.4/8

Right Out: -0.010 ± 0.002 χ^2/NDF : 1296.8/7

Left In: -0.011 ± 0.002 χ^2/NDF : 77.3/8

-0.003 ± 0.001 χ^2/NDF : 3140.9/33

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 20.659+/-12.967 χ^2/NDF : 3.1/6

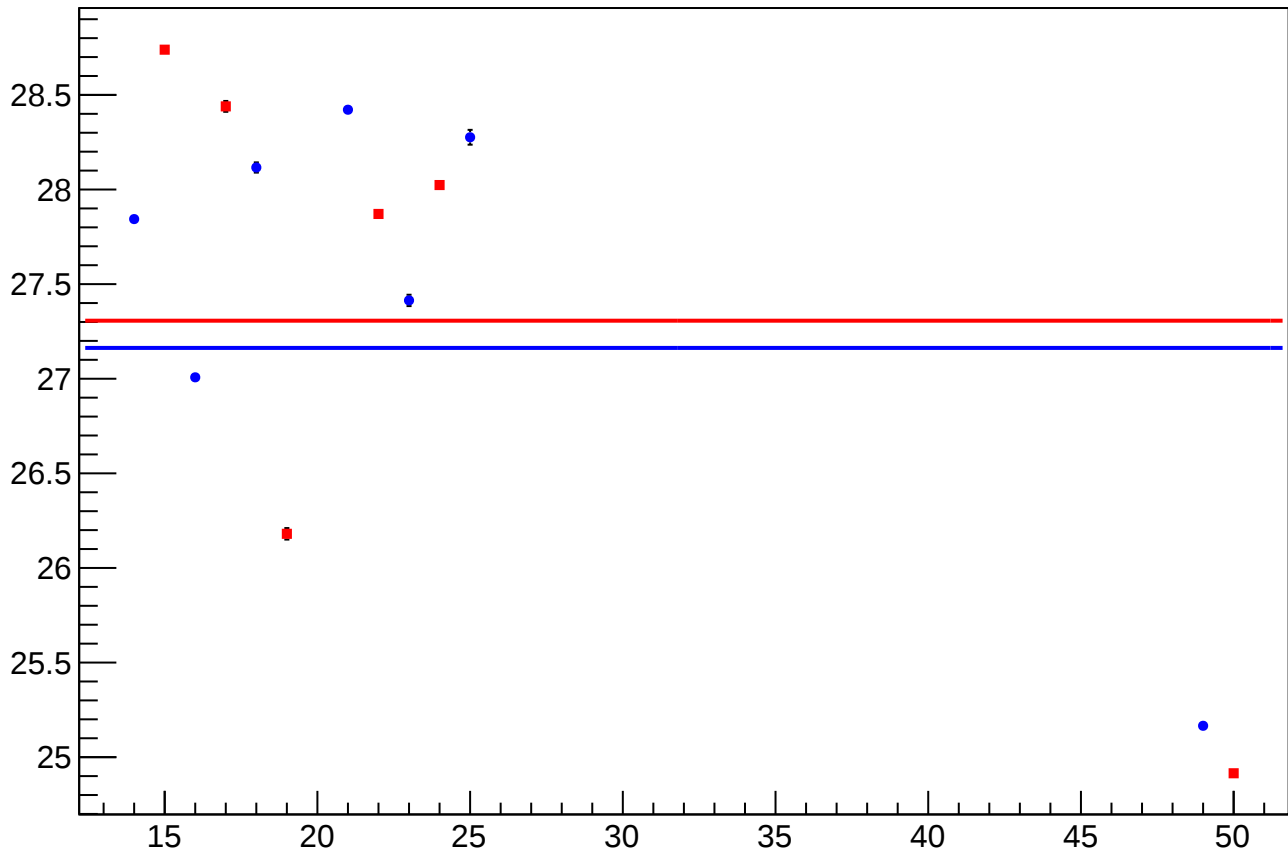
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.685+/-15.302 χ^2/NDF : 6.3/5

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

4.634+/-9.893 χ^2/NDF : 13.1/12

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 27.163 $\pm$ 0.009 χ^2 /NDF: 17714.1/6

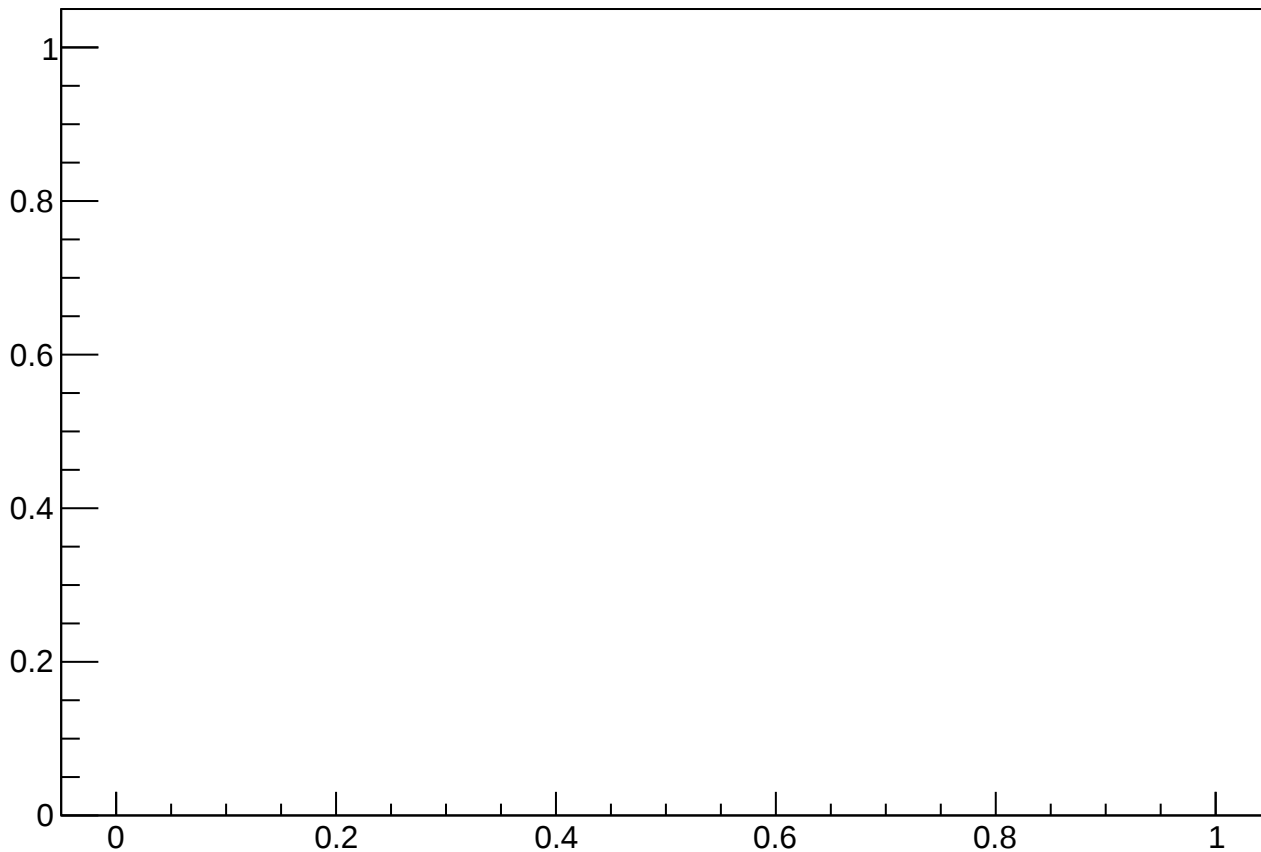
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.223 $\pm$ 0.007 χ^2 /NDF: 34931.2/12

Right Out: 27.307 $\pm$ 0.011 χ^2 /NDF: 17114.3/5

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

bcm_dg_us_dg_ds_avg_mean vs slug



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

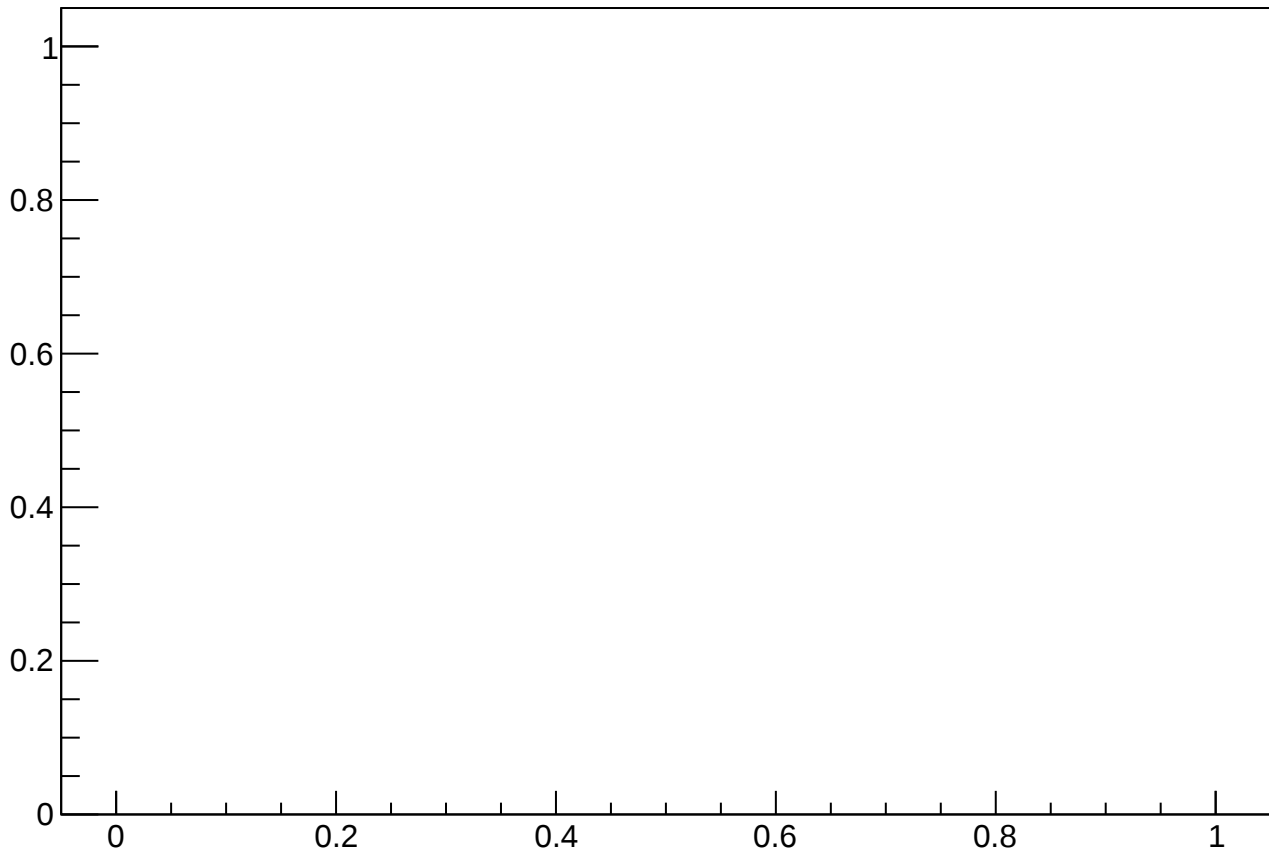
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

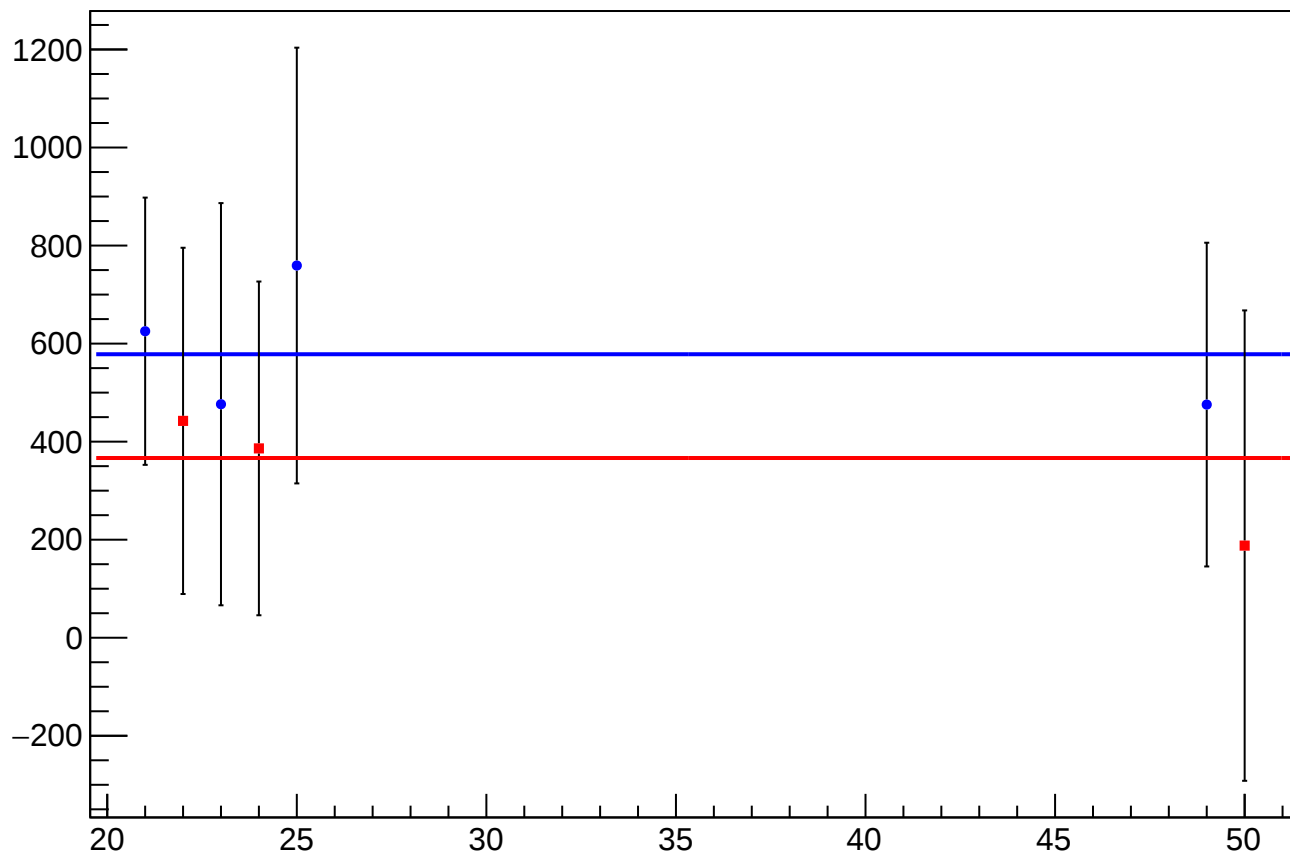
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_us_agg_avg_mean vs slug



Right In: 578.319+/-172.427 χ^2/NDF : 0.4/3

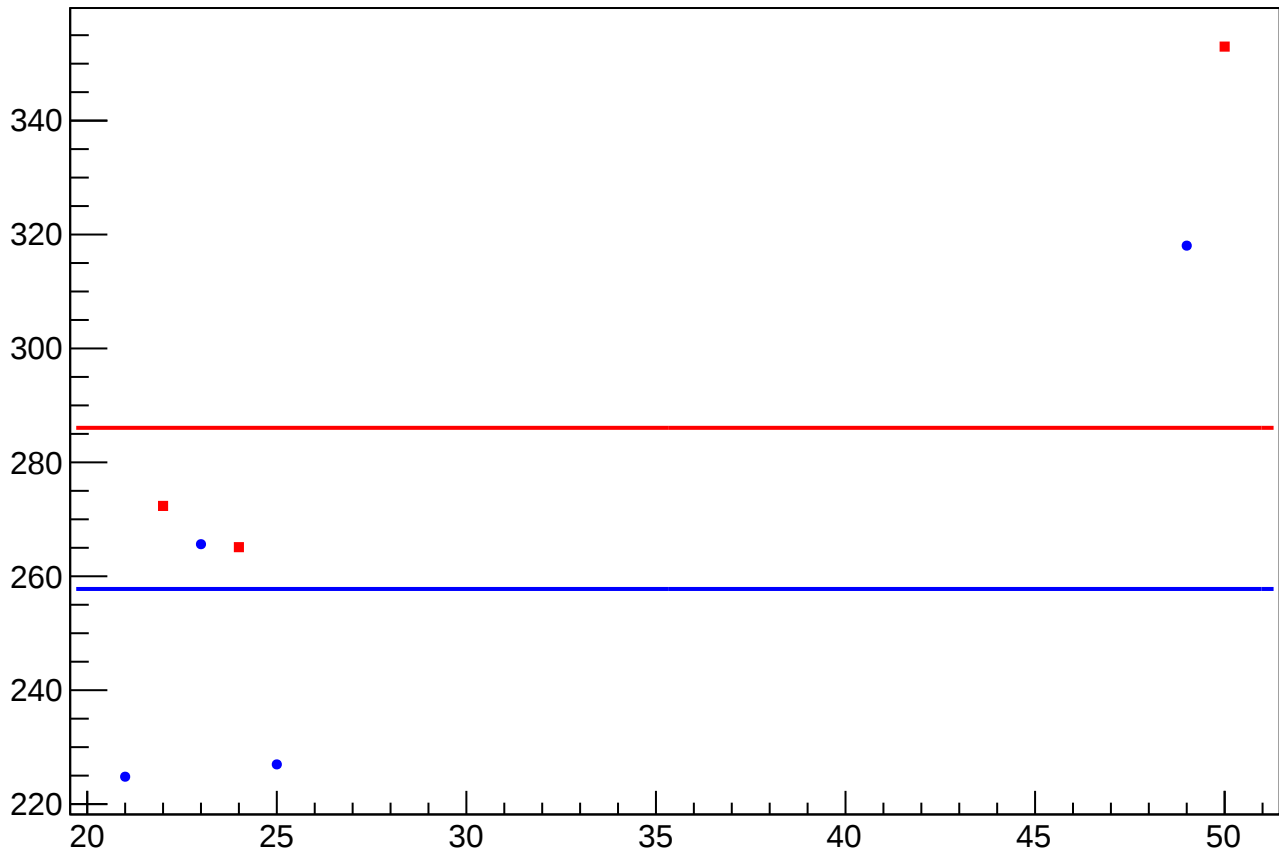
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.638+/-218.256 χ^2/NDF : 0.2/2

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

496.973+/-135.299 χ^2/NDF : 1.1/6

asym_us_agg_avg_rms vs slug



Right In: 257.772 $\pm$ 0.122 χ^2 /NDF: 106230.9/3

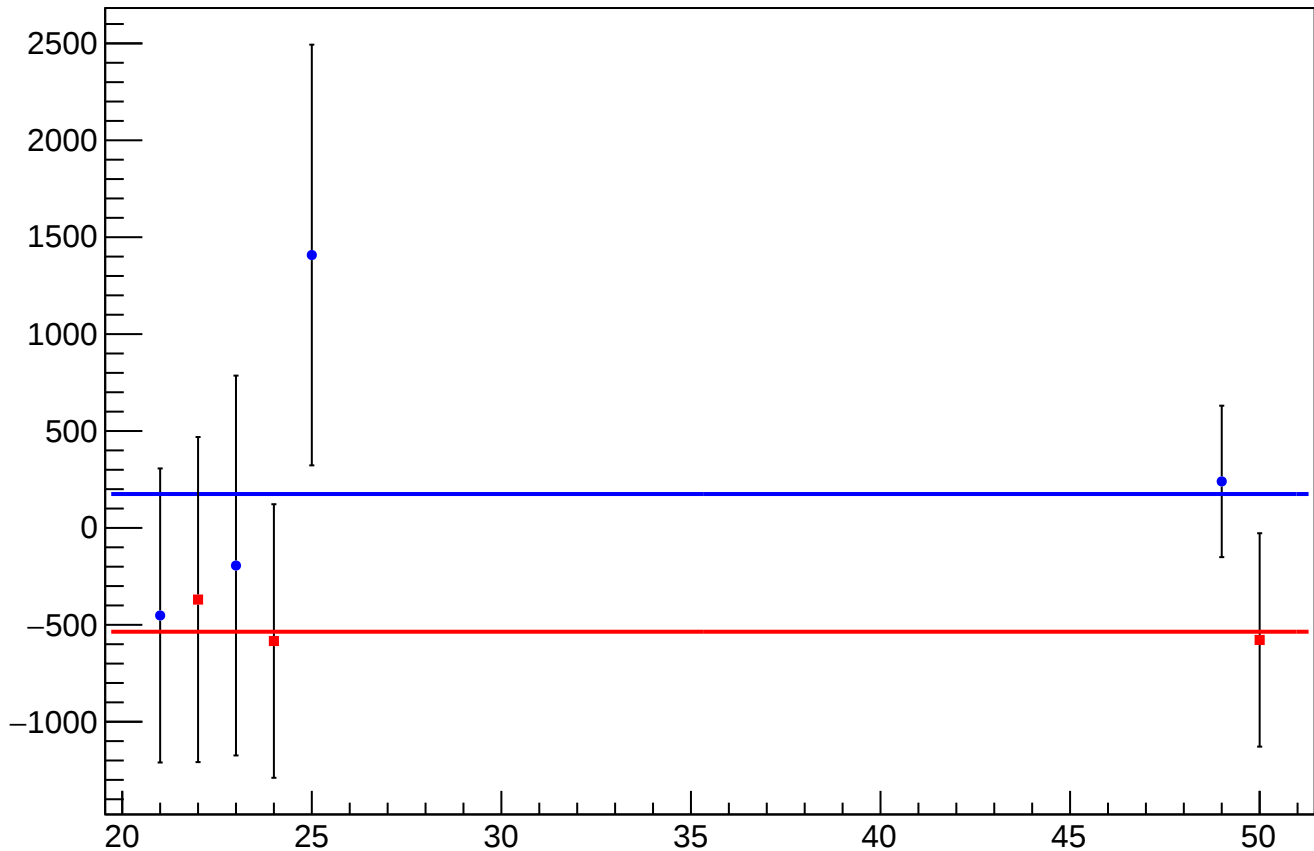
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

268.644 $\pm$ 0.096 χ^2 /NDF: 176438.9/6

Right Out: 286.064 $\pm$ 0.154 χ^2 /NDF: 49516.8/2

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

asym_us_agg_dd_mean vs slug



Right In: 174.923+/-313.446 χ^2/NDF : 2.1/3

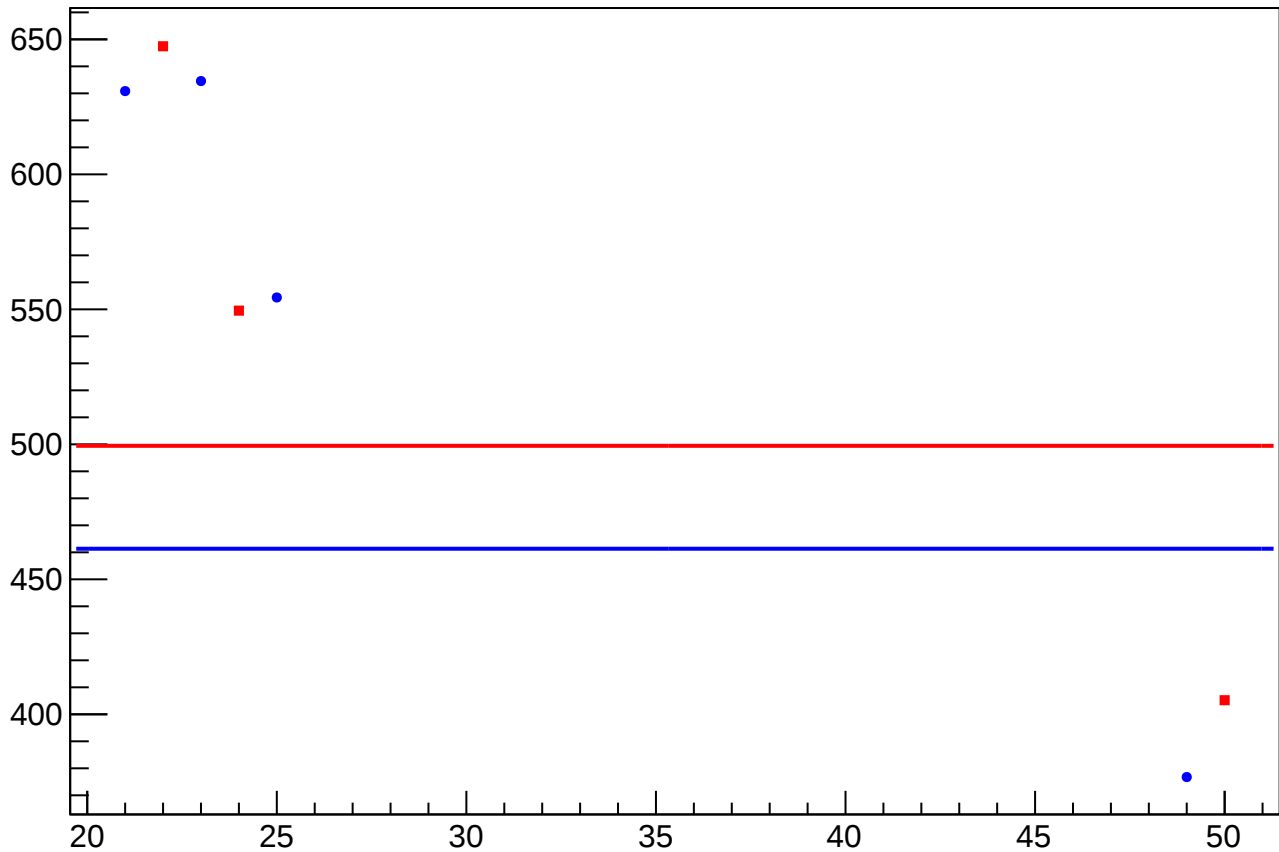
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-107.850+/-243.200 χ^2/NDF : 4.2/6

Right Out: -535.579+/-385.503 χ^2/NDF : 0.0/2

Left In: 0.000+/-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

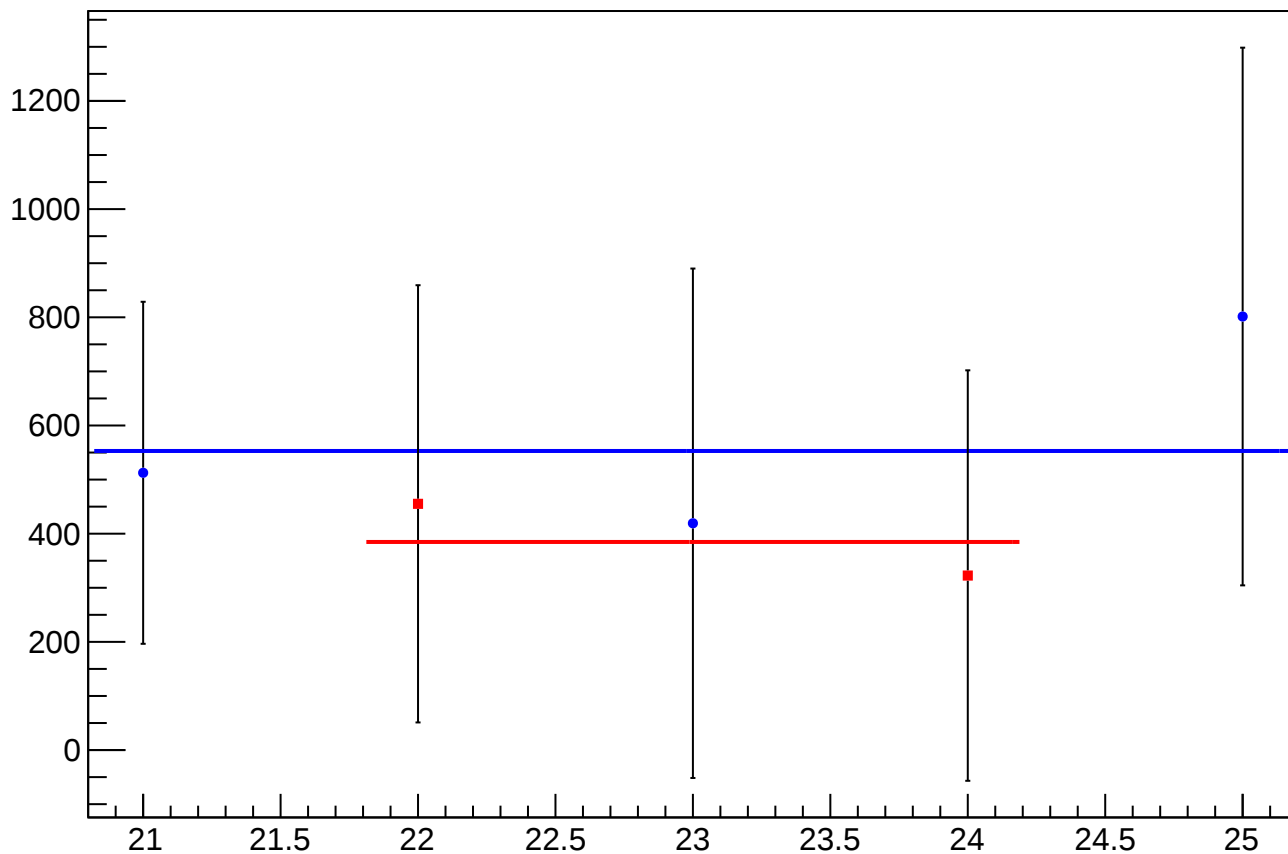
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

476.503 $\pm$ 0.172 χ^2 /NDF: 413482.9/6

Right Out: 499.452 $\pm$ 0.273 χ^2 /NDF: 130943.3/2

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

asym_ds_agg_avg_mean vs slug



Right In: 552.891+/-232.087 χ^2 /NDF: 0.3/2

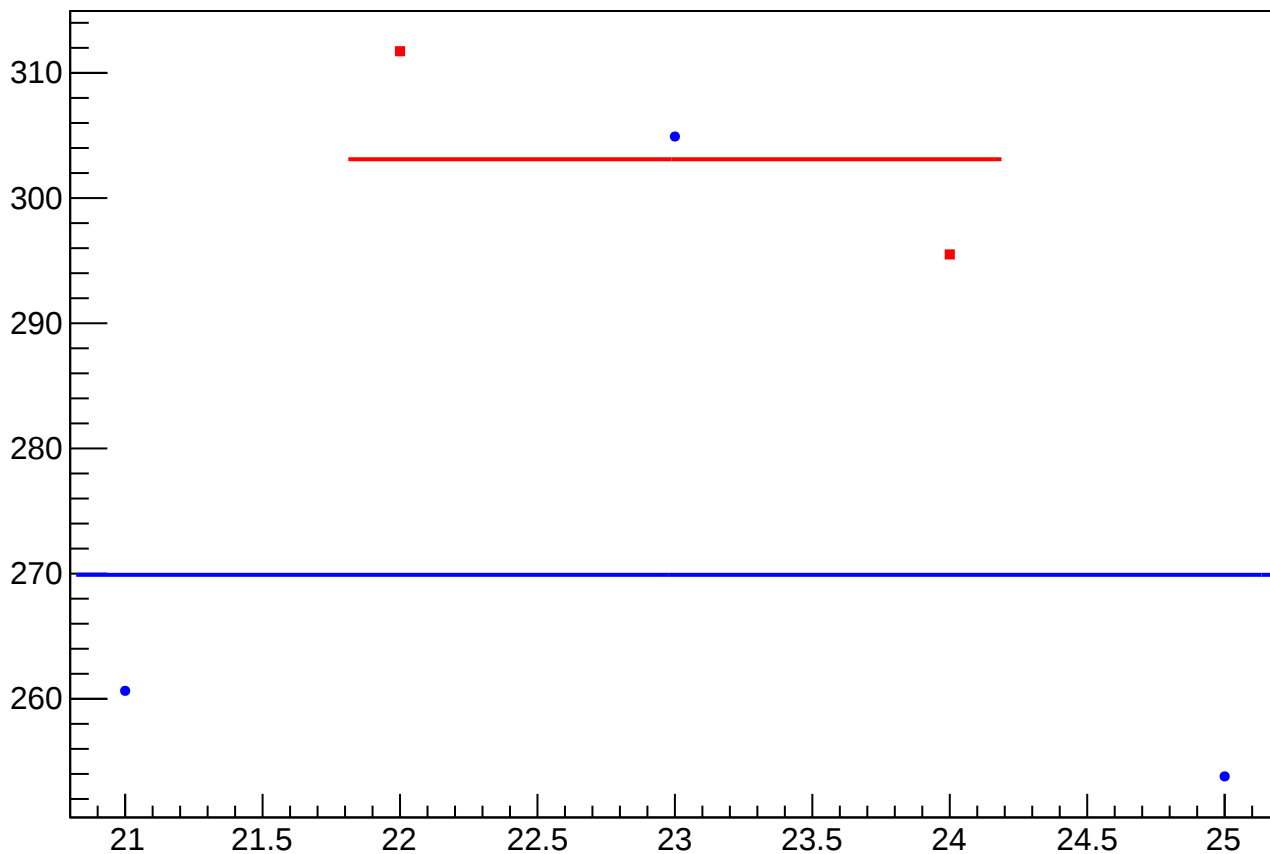
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

483.405+/-177.793 χ^2 /NDF: 0.6/4

Right Out: 384.707+/-276.605 χ^2 /NDF: 0.1/1

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

asym_ds_agg_avg_rms vs slug



Right In: 269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

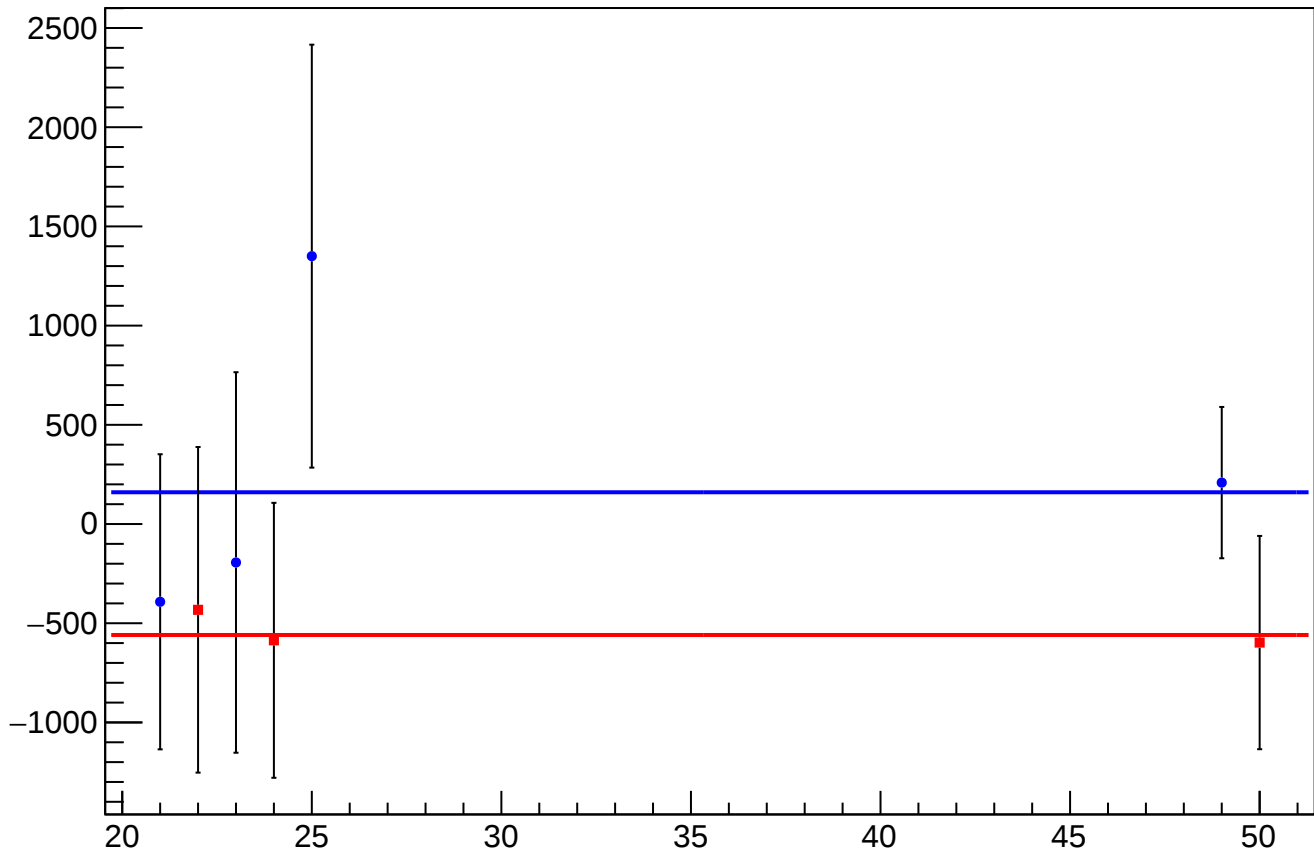
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.621 $\pm$ 0.126 χ^2 /NDF: 33496.2/4

Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

asym_ds_agg_dd_mean vs slug



Right In: 160.045+/-306.362 χ^2/NDF : 2.0/3

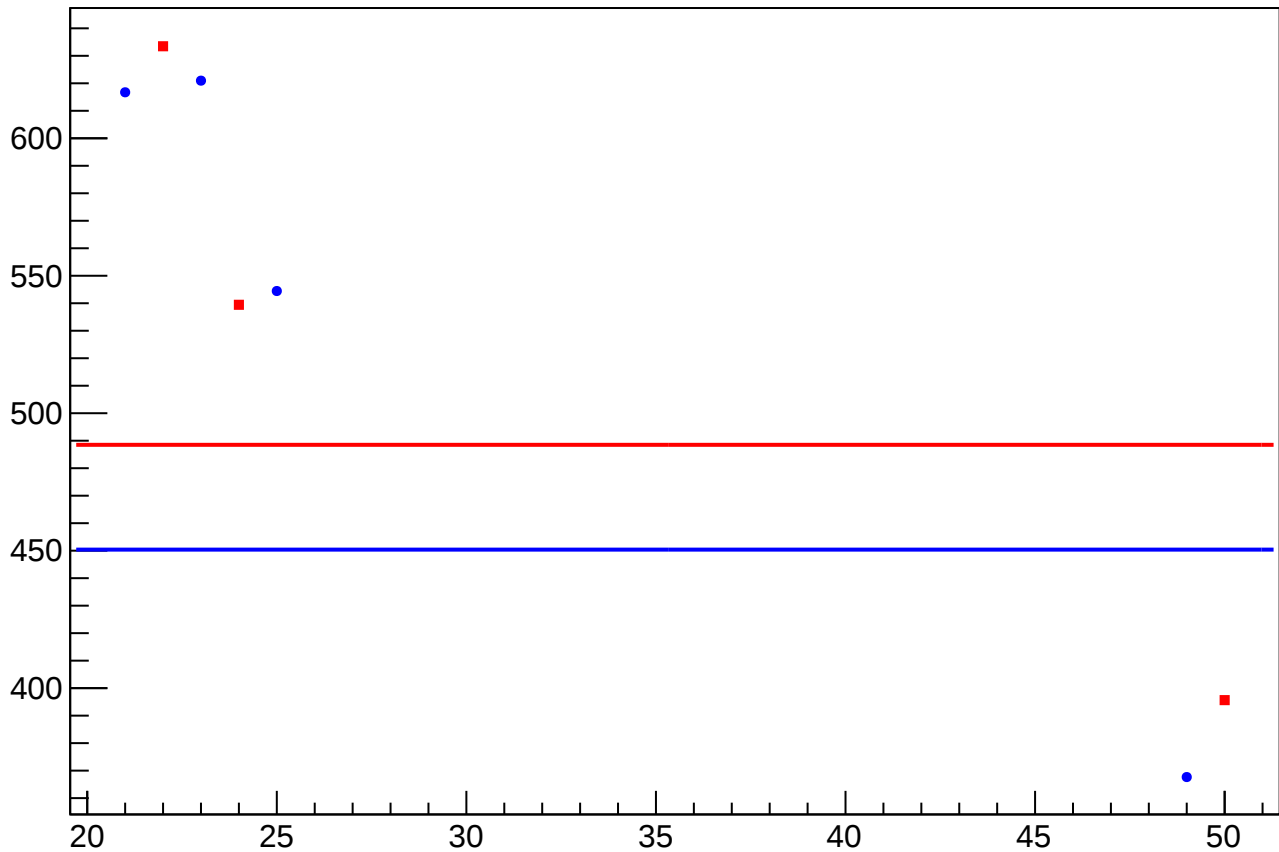
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-125.874+/-237.799 χ^2/NDF : 4.2/6

Right Out: -559.233+/-377.169 χ^2/NDF : 0.0/2

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

asym_ds_agg_dd_rms vs slug



Right In: 450.386 $\pm$ 0.217 χ^2 /NDF: 273068.4/3

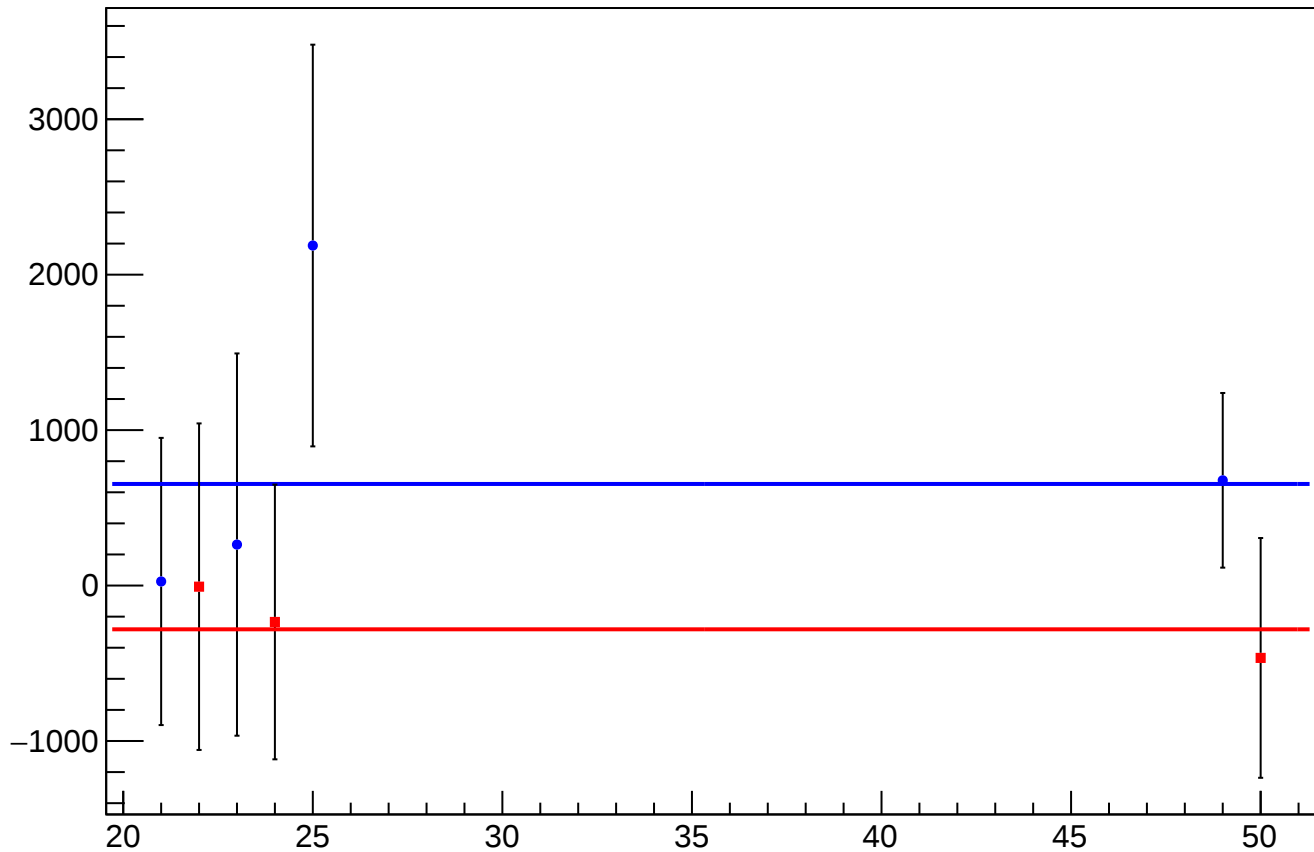
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

465.538 $\pm$ 0.168 χ^2 /NDF: 418306.2/6

Right Out: 488.504 $\pm$ 0.267 χ^2 /NDF: 132930.7/2

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

asym_left_agg_avg_mean vs slug



Right In: 653.551 $\pm$ 422.571 χ^2 /NDF: 2.0/3

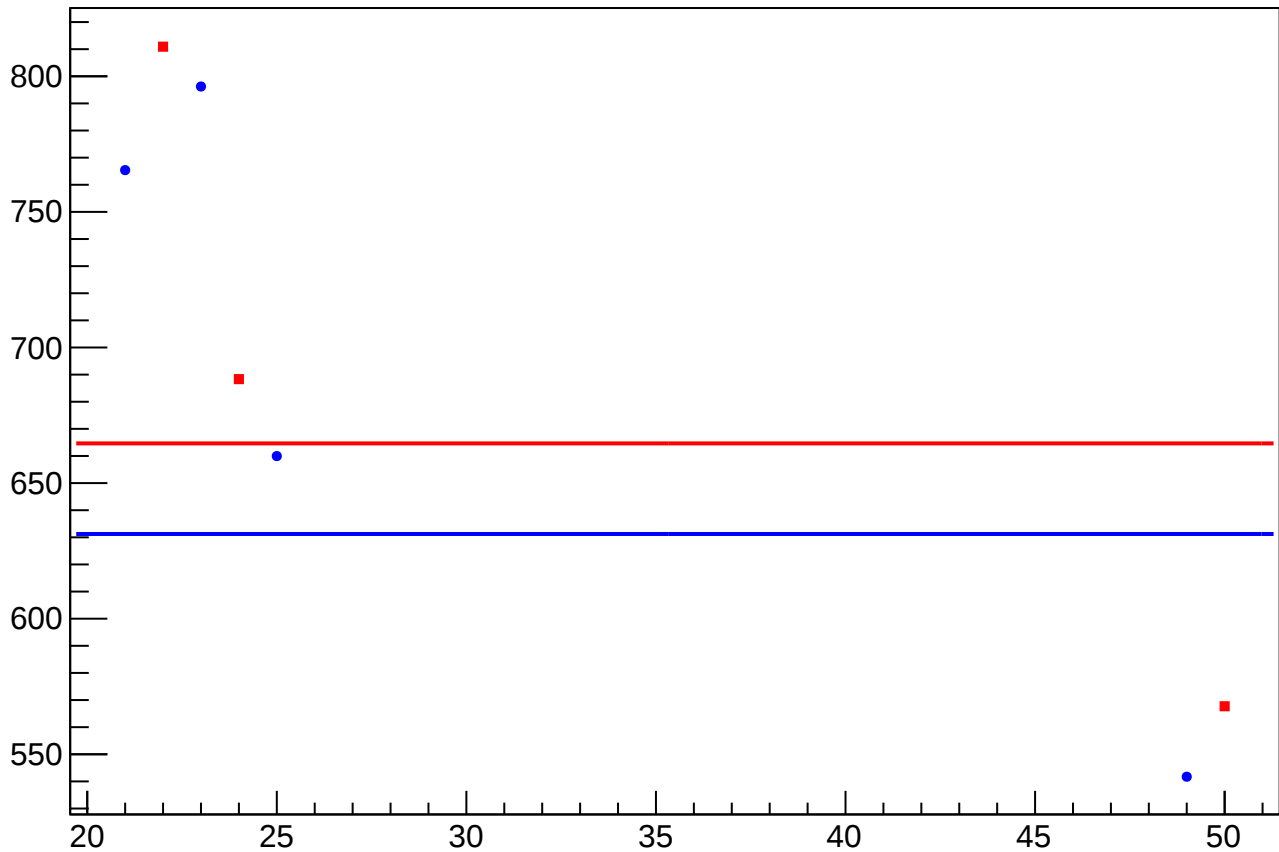
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

271.545 $\pm$ 324.989 χ^2 /NDF: 4.1/6

Right Out: -281.542 $\pm$ 508.465 χ^2 /NDF: 0.1/2

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

asym_left_agg_avg_rms vs slug



Right In: 631.236+/-0.299 χ^2/NDF : 129954.8/3

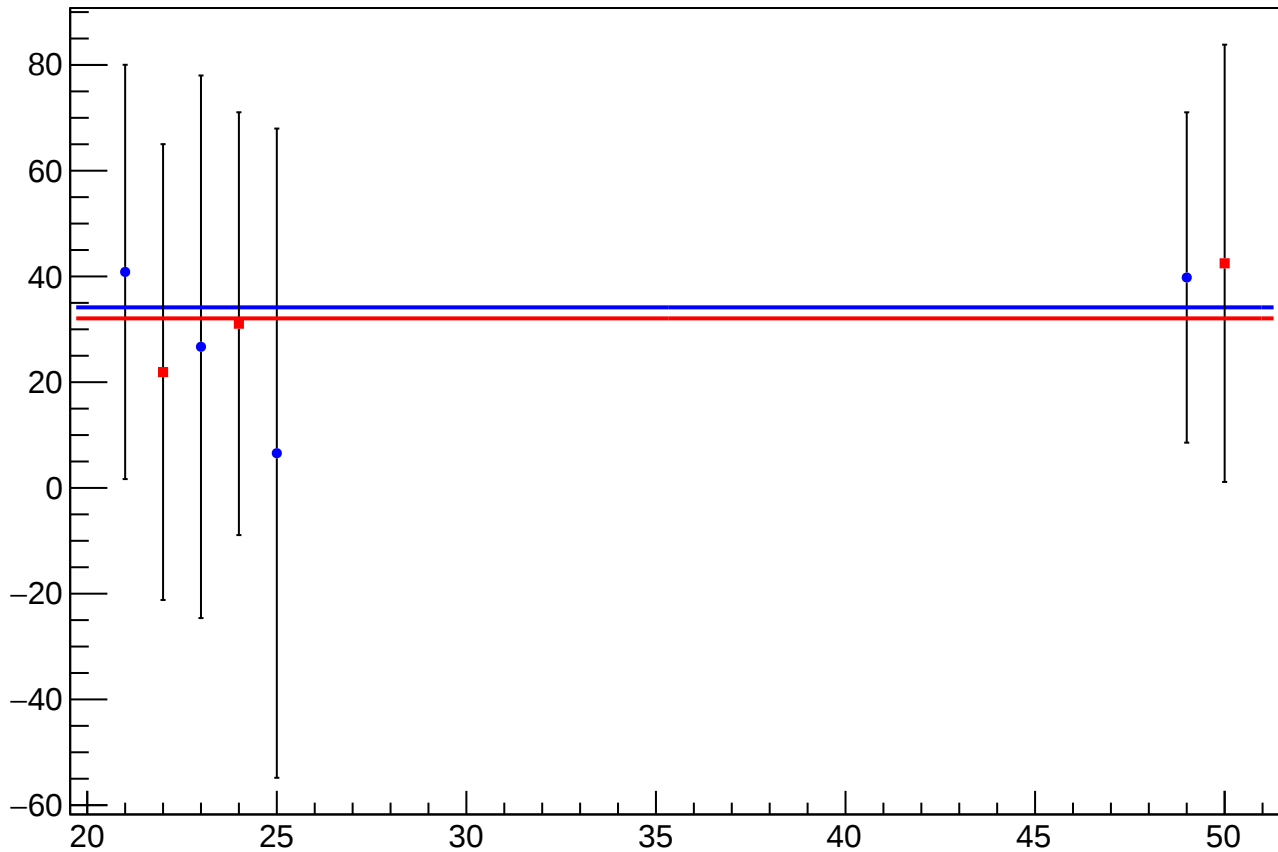
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

644.881+/-0.230 χ^2/NDF : 206878.4/6

Right Out: 664.636+/-0.360 χ^2/NDF : 71819.1/2

Left In: 0.000+/-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

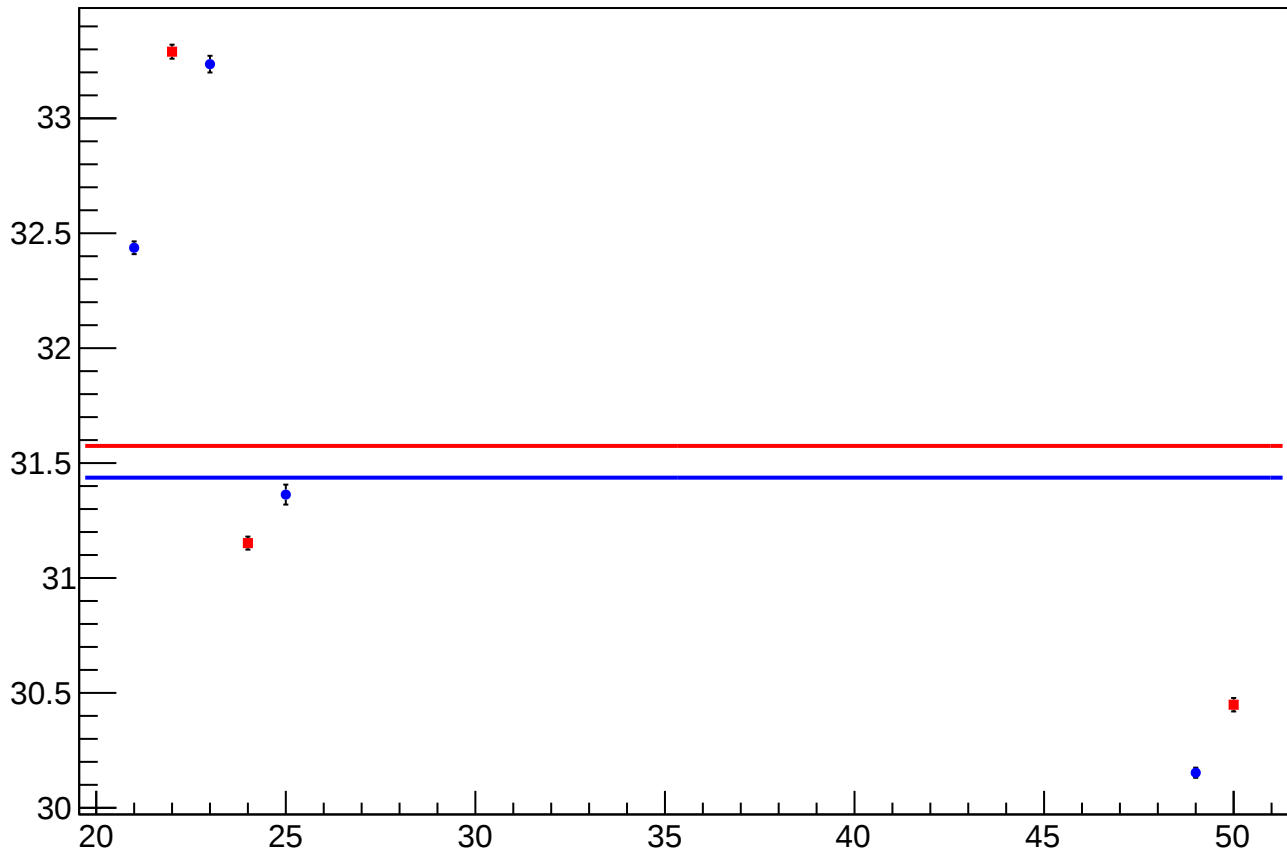
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.258+/-15.676 χ^2/NDF : 0.4/6

Right Out: 32.069+/-23.916 χ^2/NDF : 0.1/2

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

asym_left_agg_dd_rms vs slug



Right In: 31.437+/-0.015 χ^2 /NDF: 7143.1/3

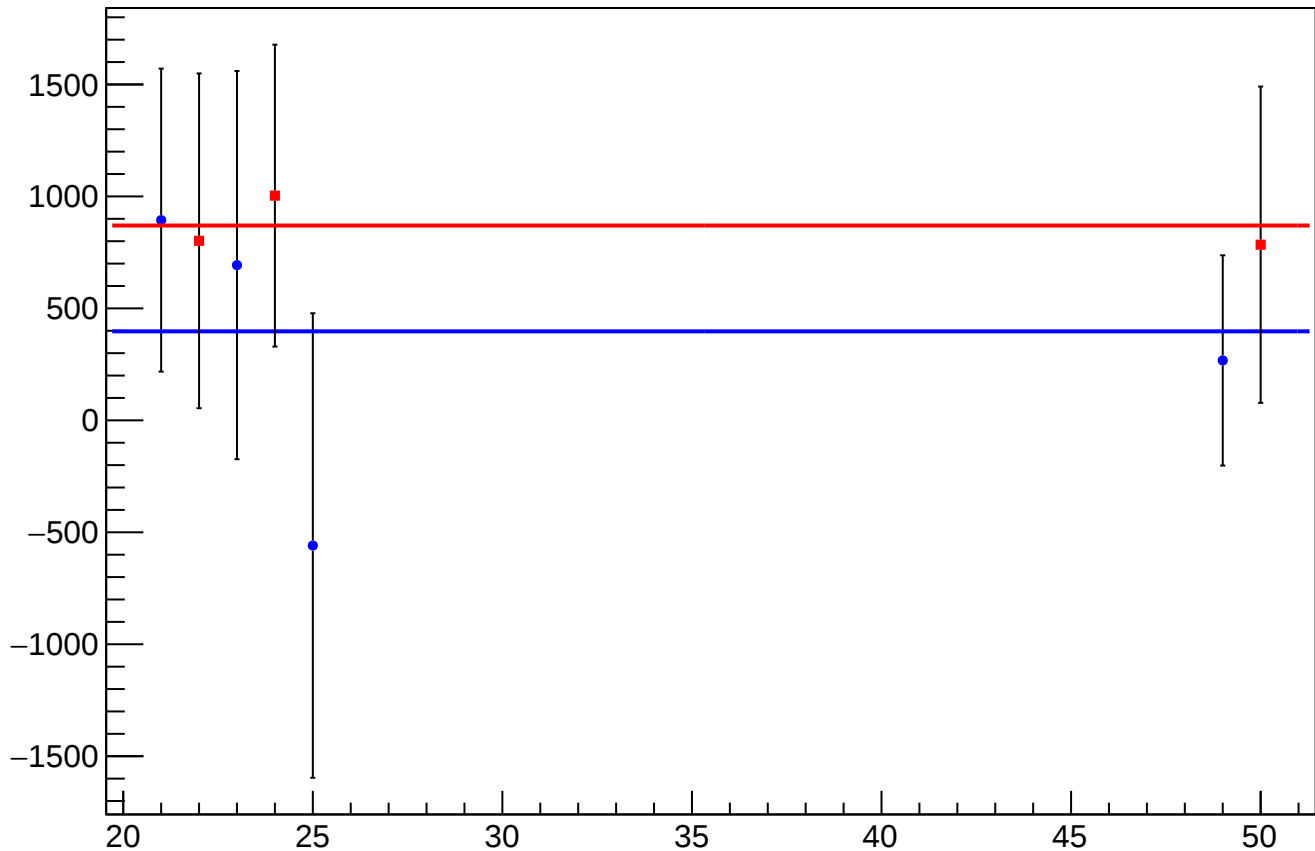
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

31.496+/-0.011 χ^2 /NDF: 12054.7/6

Right Out: 31.575+/-0.017 χ^2 /NDF: 4873.6/2

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

asym_right_agg_avg_mean vs slug



Right In: 397.456+/-333.671 χ^2/NDF : 1.6/3

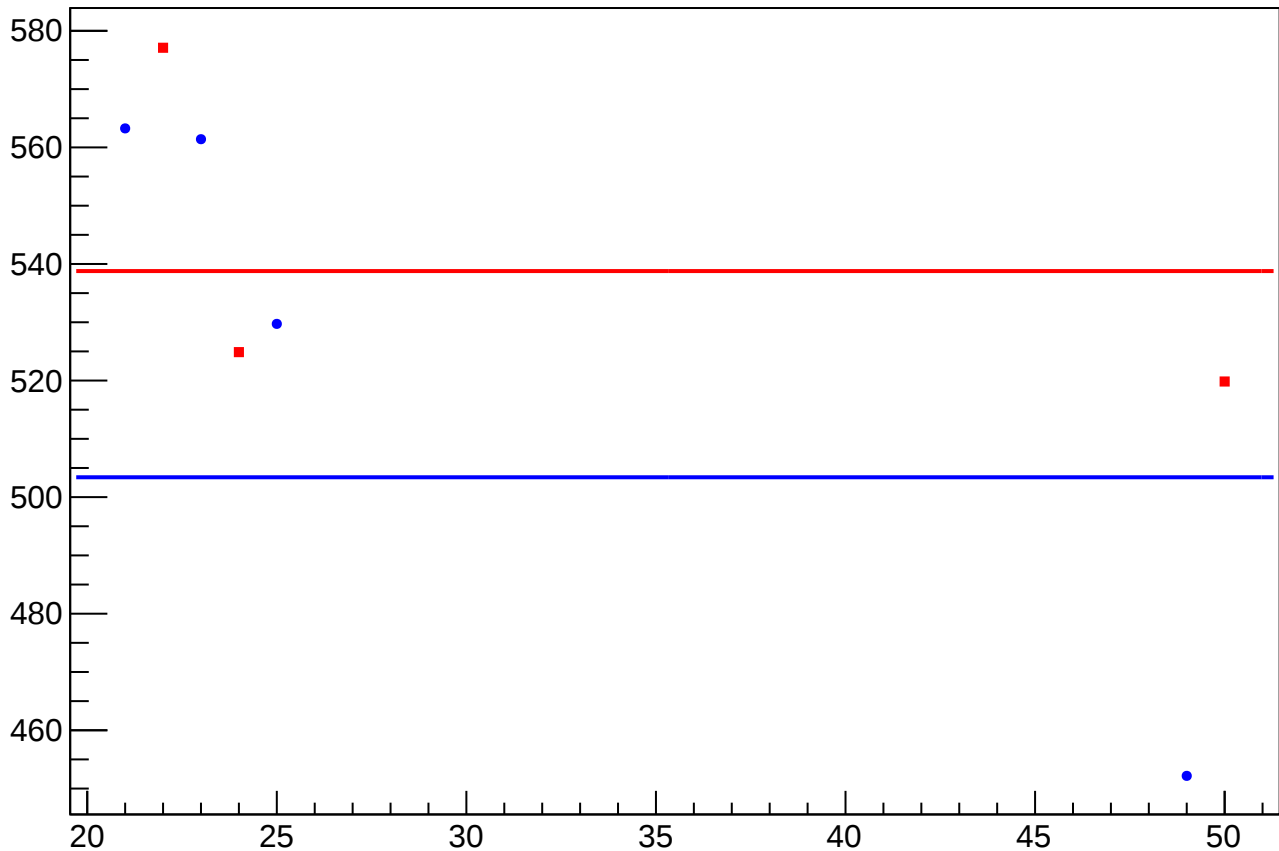
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

586.599+/-258.406 χ^2/NDF : 2.4/6

Right Out: 870.019+/-408.448 χ^2/NDF : 0.1/2

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

asym_right_agg_avg_rms vs slug



Right In: 503.406 $\pm$ 0.236 χ^2 /NDF: 49709.1/3

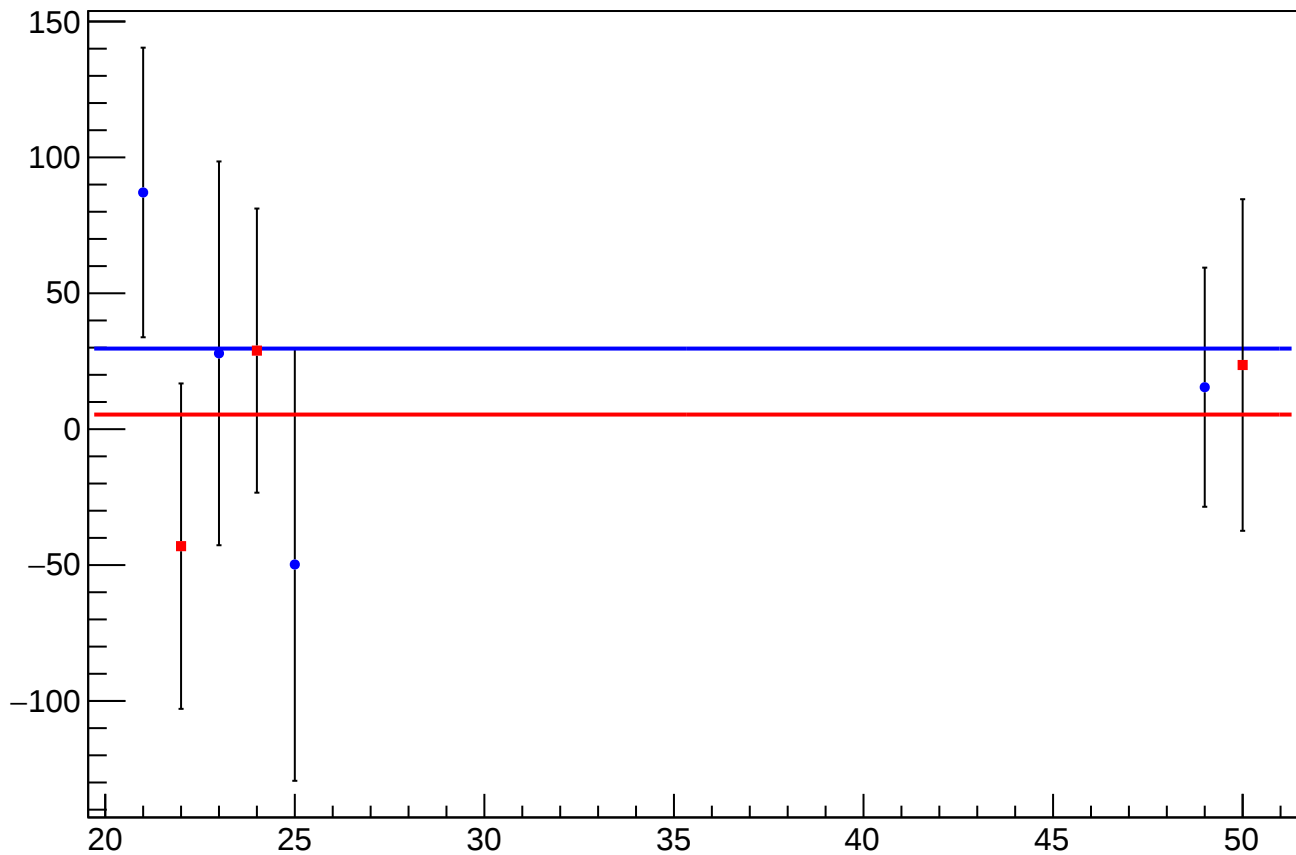
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

517.566 $\pm$ 0.183 χ^2 /NDF: 66252.1/6

Right Out: 538.784 $\pm$ 0.289 χ^2 /NDF: 7544.2/2

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

asym_right_agg_dd_mean vs slug



Right In: 29.657+/-28.543 χ^2/NDF : 2.3/3

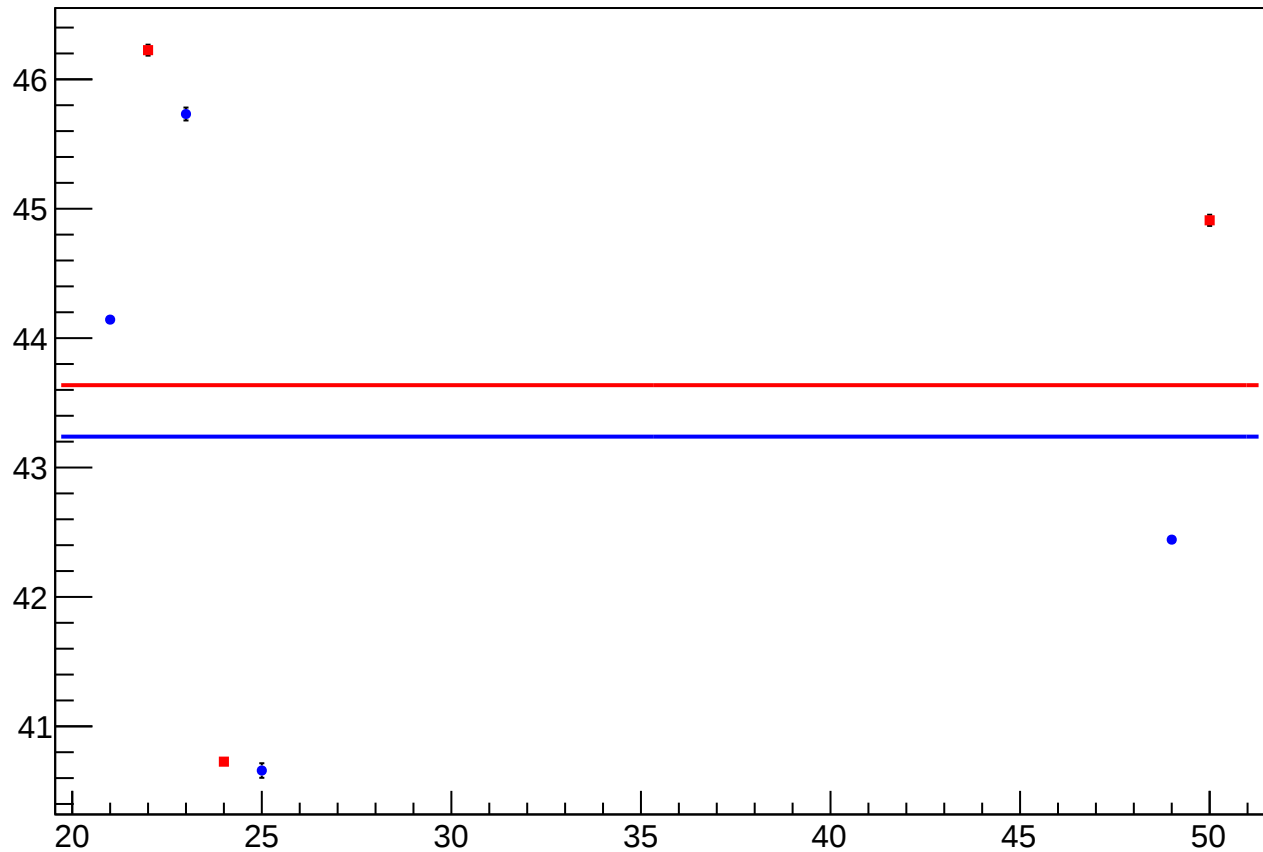
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.296+/-21.611 χ^2/NDF : 3.5/6

Right Out: 5.378+/-33.082 χ^2/NDF : 0.9/2

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

asym_right_agg_dd_rms vs slug



Right In: 43.239+/-0.020 χ^2 /NDF: 5826.6/3

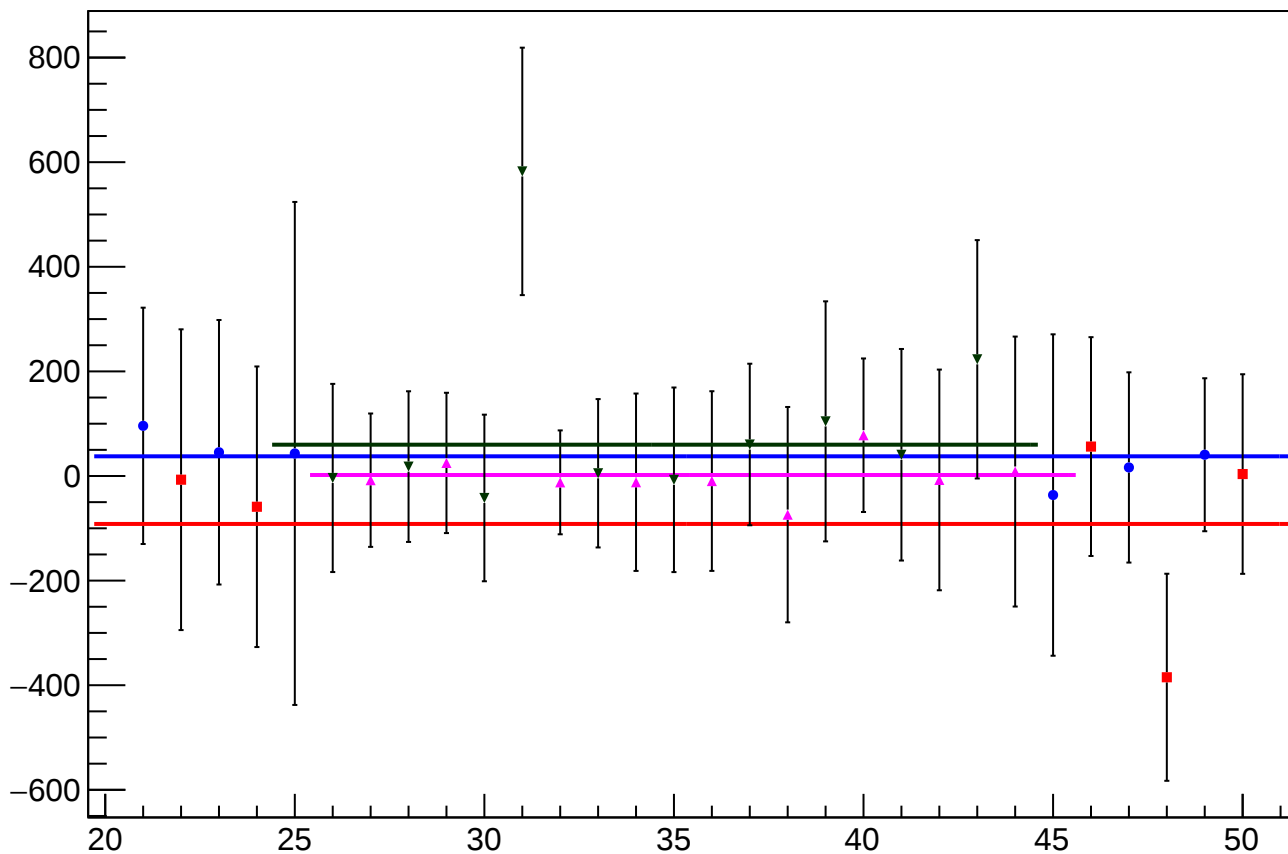
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

43.409+/-0.015 χ^2 /NDF: 16801.0/6

Right Out: 43.636+/-0.023 χ^2 /NDF: 10808.8/2

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

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 37.639 $\pm$ 88.687 χ^2/NDF : 0.1/5

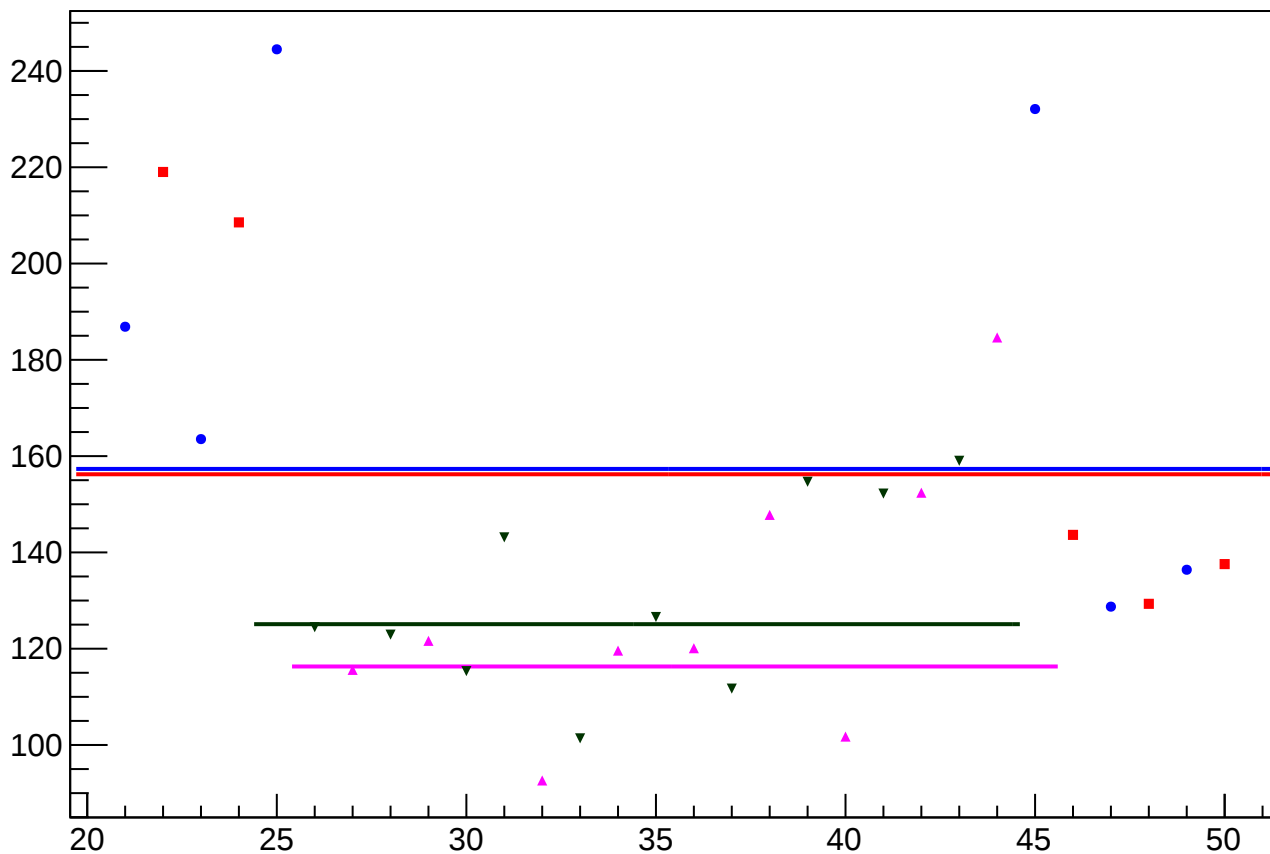
Left Out: 59.870 $\pm$ 55.655 χ^2/NDF : 6.4/9

16.416 $\pm$ 32.505 χ^2/NDF : 11.9/29

Right Out: -91.669 $\pm$ 99.093 χ^2/NDF : 3.0/4

Left In: 1.923 $\pm$ 50.339 χ^2/NDF : 0.5/8

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 157.342 ± 0.063 χ^2/NDF : 309957.0/5

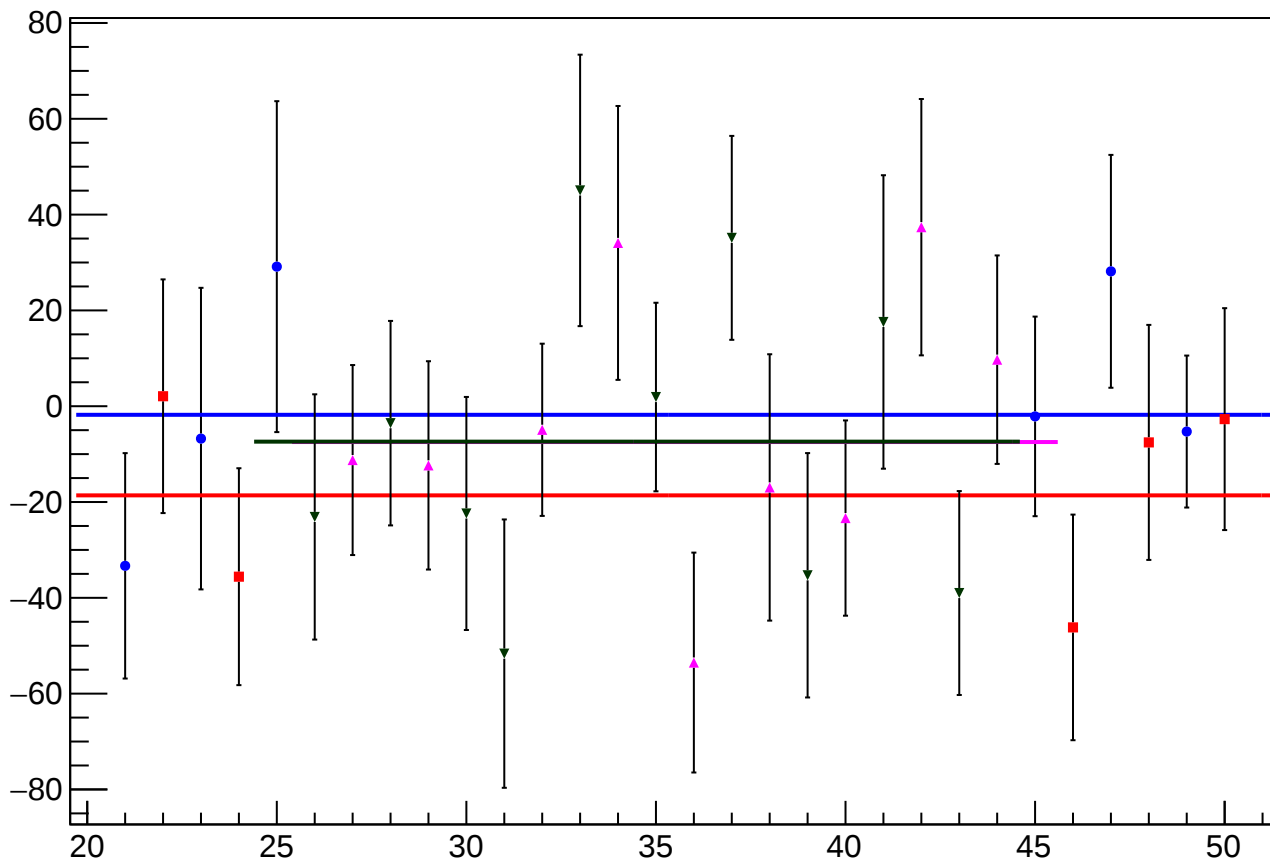
Left Out: 125.094 ± 0.039 χ^2/NDF : 204235.7/9

Right Out: 156.229 ± 0.070 χ^2/NDF : 234806.4/4

Left In: 116.306 ± 0.036 χ^2/NDF : 383847.2/8

129.112 ± 0.023 χ^2/NDF : 1625103.4/29

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.794 ± 9.275 χ^2/NDF : 4.2/5

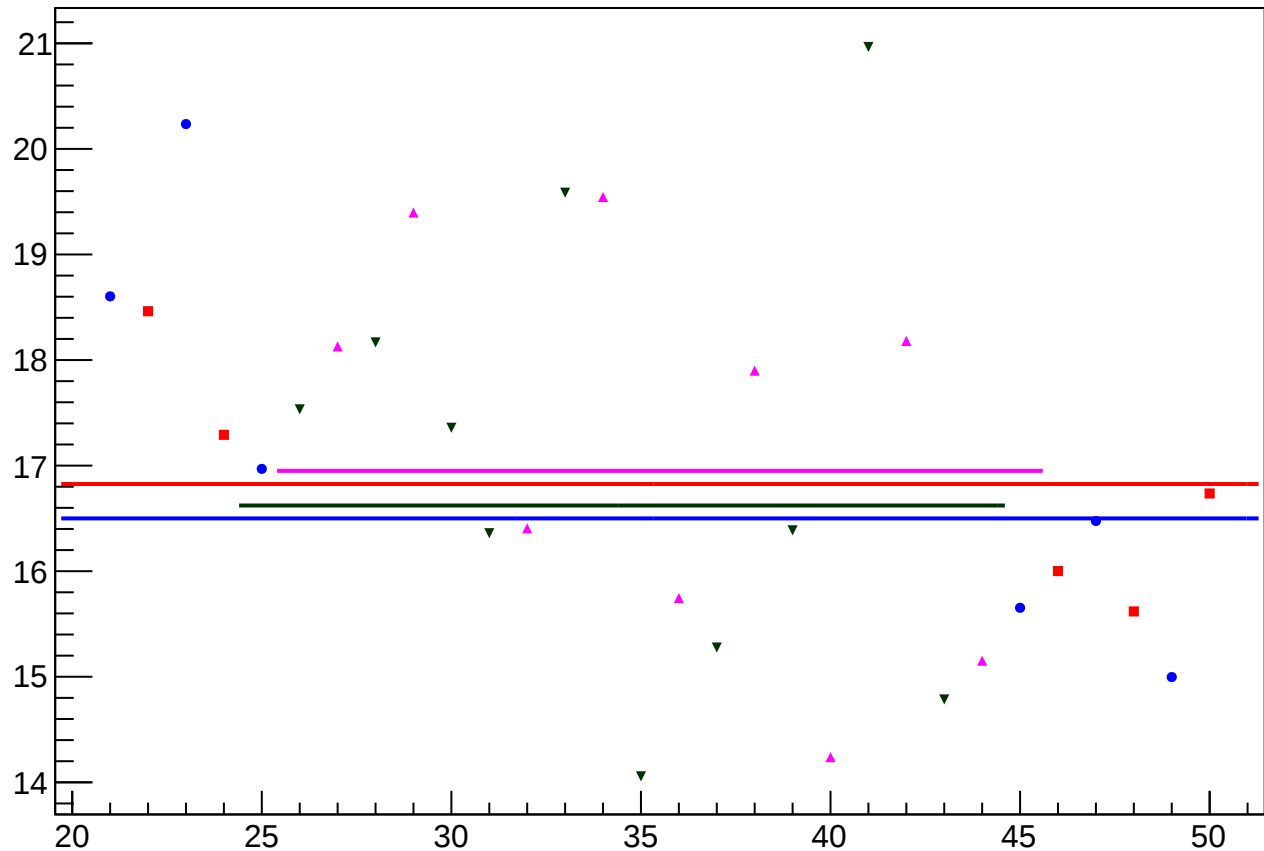
Left Out: -7.396 ± 7.553 χ^2/NDF : 15.0/9

Right Out: -18.611 ± 10.564 χ^2/NDF : 3.3/4

Left In: -7.478 ± 7.436 χ^2/NDF : 10.4/8

-8.052 ± 4.218 χ^2/NDF : 34.4/29

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.500+/-0.007 χ^2 /NDF: 65772.5/5

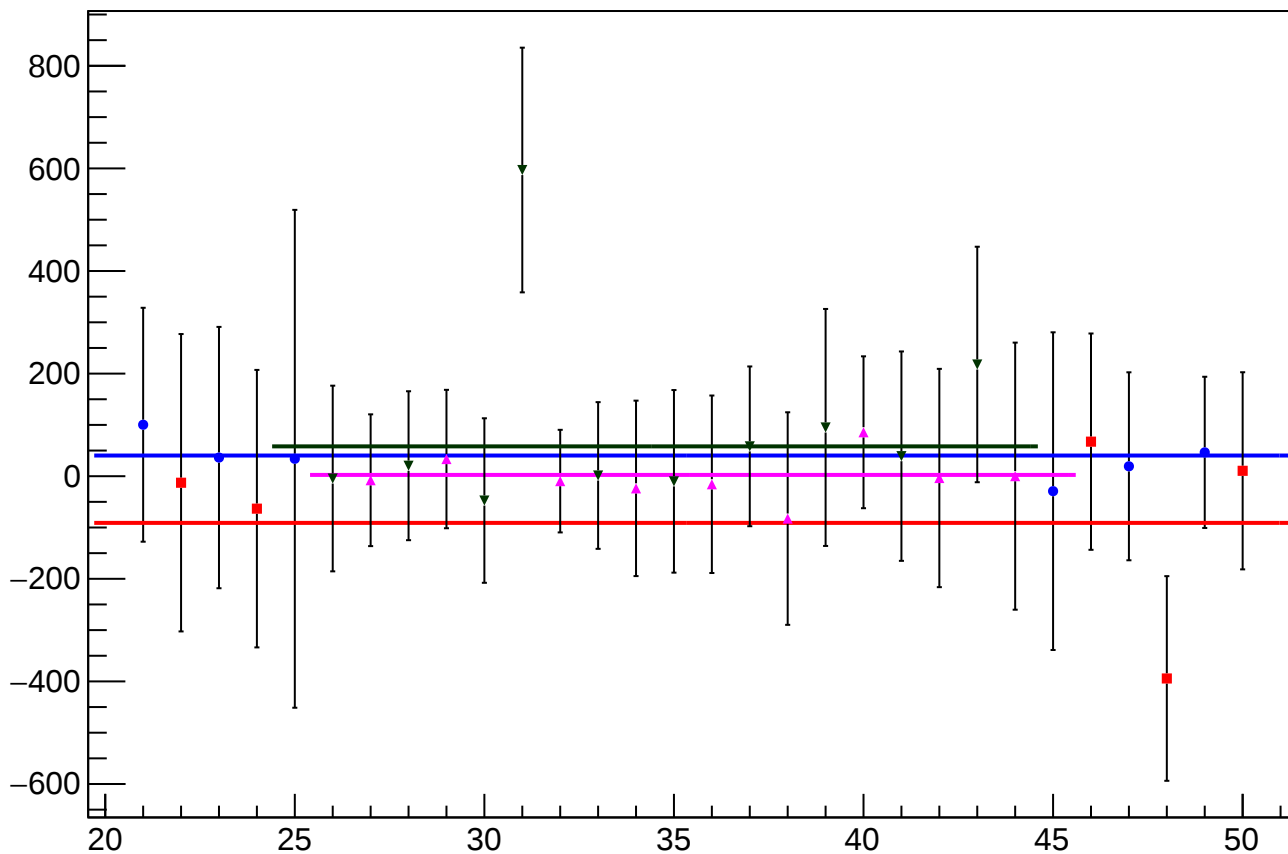
Left Out: 16.622+/-0.005 χ^2 /NDF:134157.6/9

Right Out: 16.826+/-0.007 χ^2 /NDF: 17177.3/4

Left In: 16.950+/-0.005 χ^2 /NDF:111827.8/8

16.735+/-0.003 χ^2 /NDF: 332488.3/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 40.313 ± 89.386 χ^2/NDF : 0.1/5

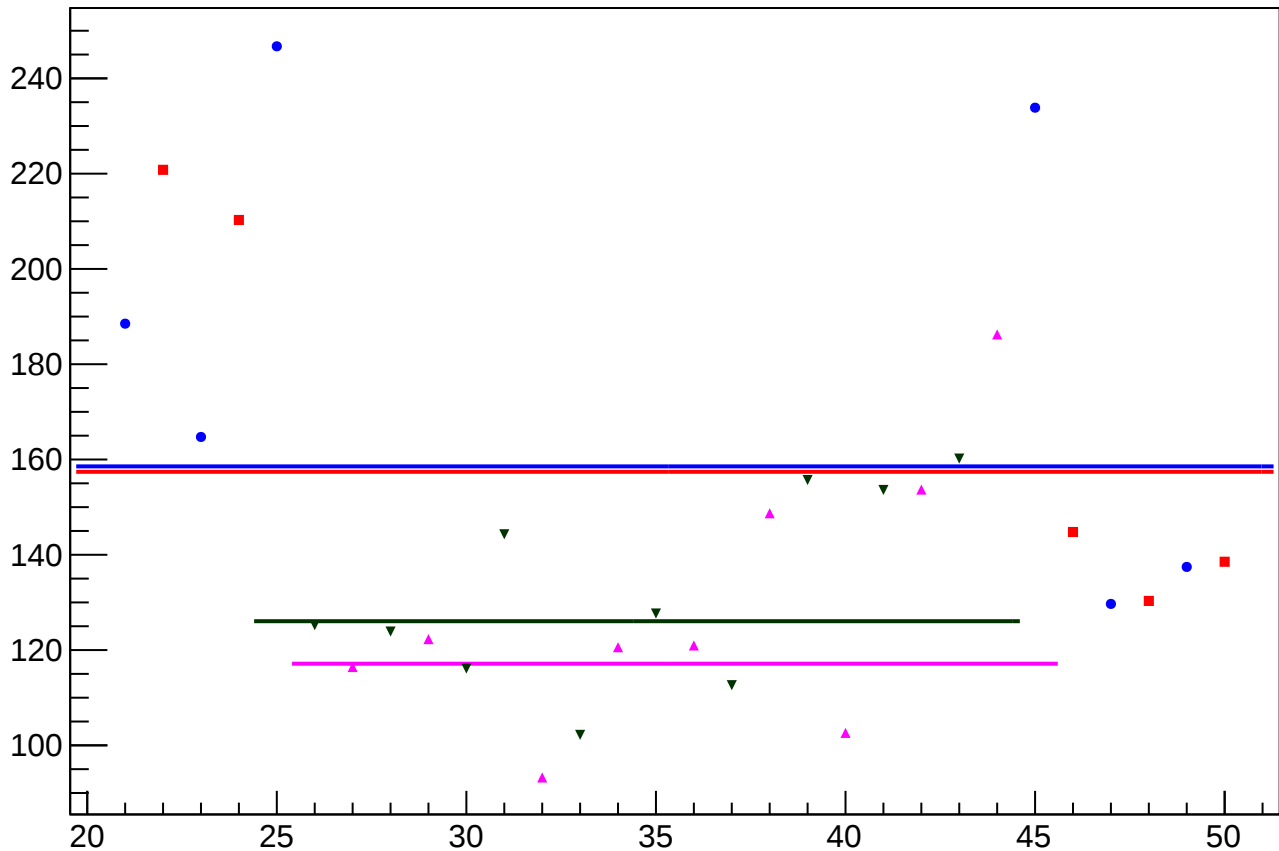
Left Out: 58.156 ± 56.085 χ^2/NDF : 6.5/9

16.502 ± 32.750 χ^2/NDF : 12.4/29

Right Out: -90.997 ± 99.855 χ^2/NDF : 3.2/4

Left In: 2.514 ± 50.703 χ^2/NDF : 0.6/8

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 158.554+/-0.063 χ^2/NDF : 310658.5/5

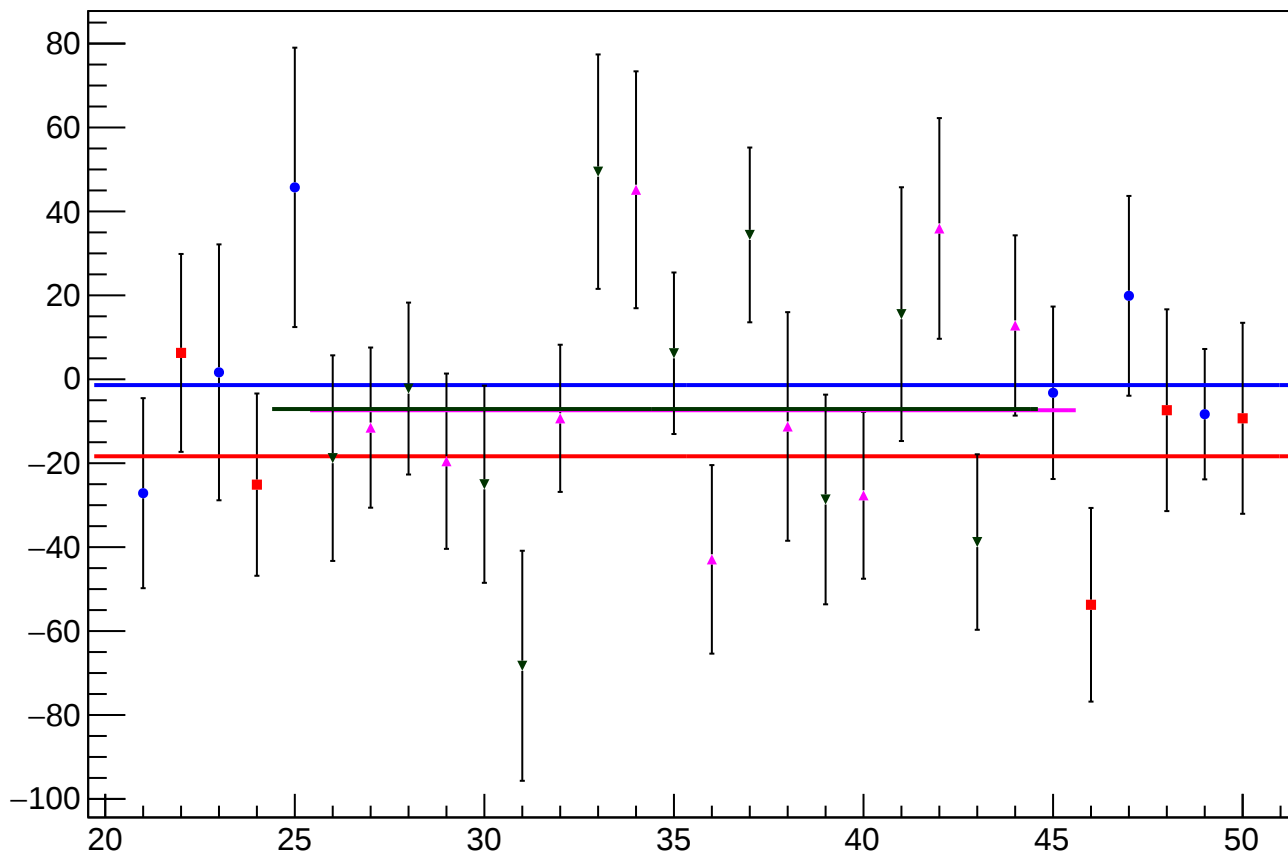
Left Out: 126.059+/-0.040 χ^2/NDF : 204192.9/9

Right Out: 157.420+/-0.071 χ^2/NDF : 235462.7/4

Left In: 117.138+/-0.036 χ^2/NDF : 384599.1/8

130.072+/-0.023 χ^2/NDF : 1628400.3/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -1.383 ± 9.052 $\chi^2/\text{NDF}: 4.3/5$

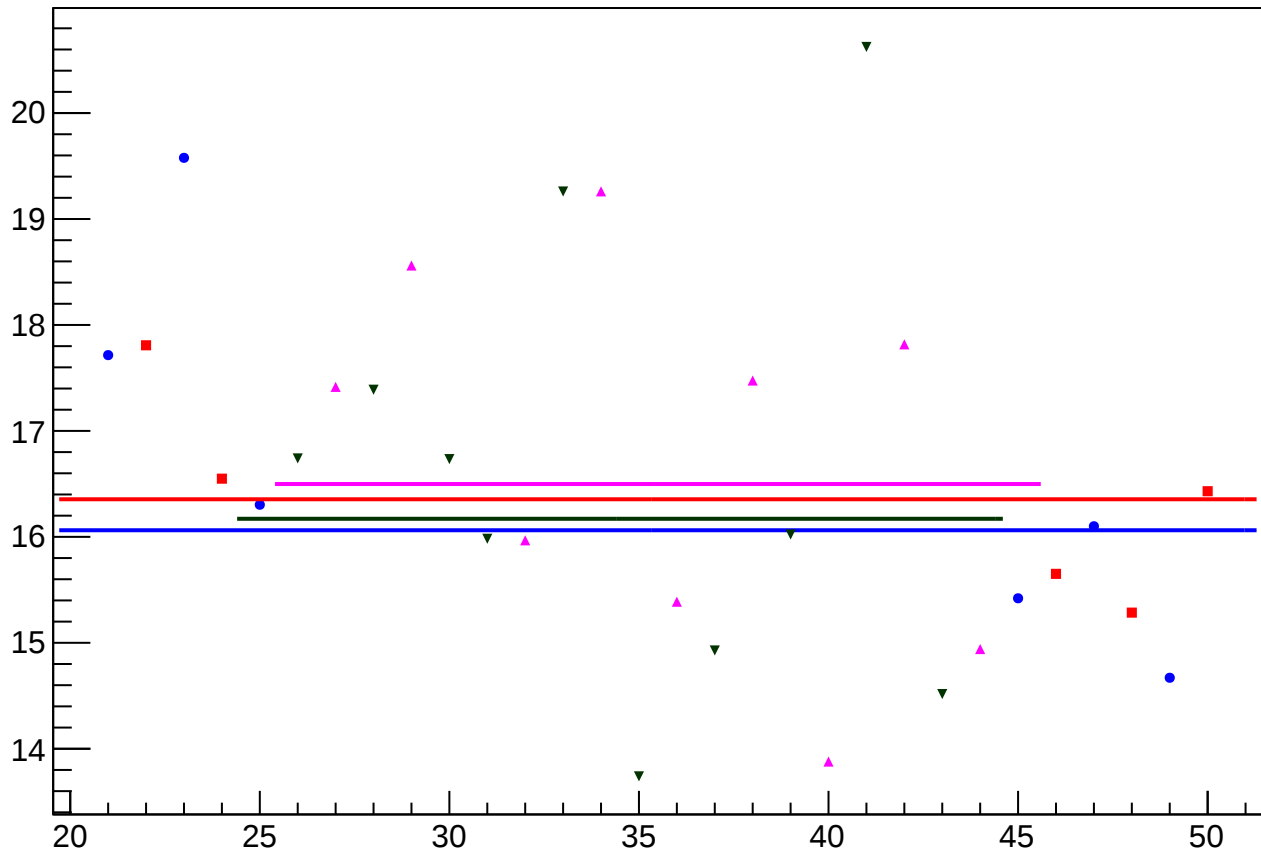
Left Out: -7.091 ± 7.359 $\chi^2/\text{NDF}: 18.0/9$

Right Out: -18.348 ± 10.283 $\chi^2/\text{NDF}: 3.9/4$

Left In: -7.378 ± 7.251 $\chi^2/\text{NDF}: 11.0/8$

-7.806 ± 4.112 $\chi^2/\text{NDF}: 38.8/29$

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

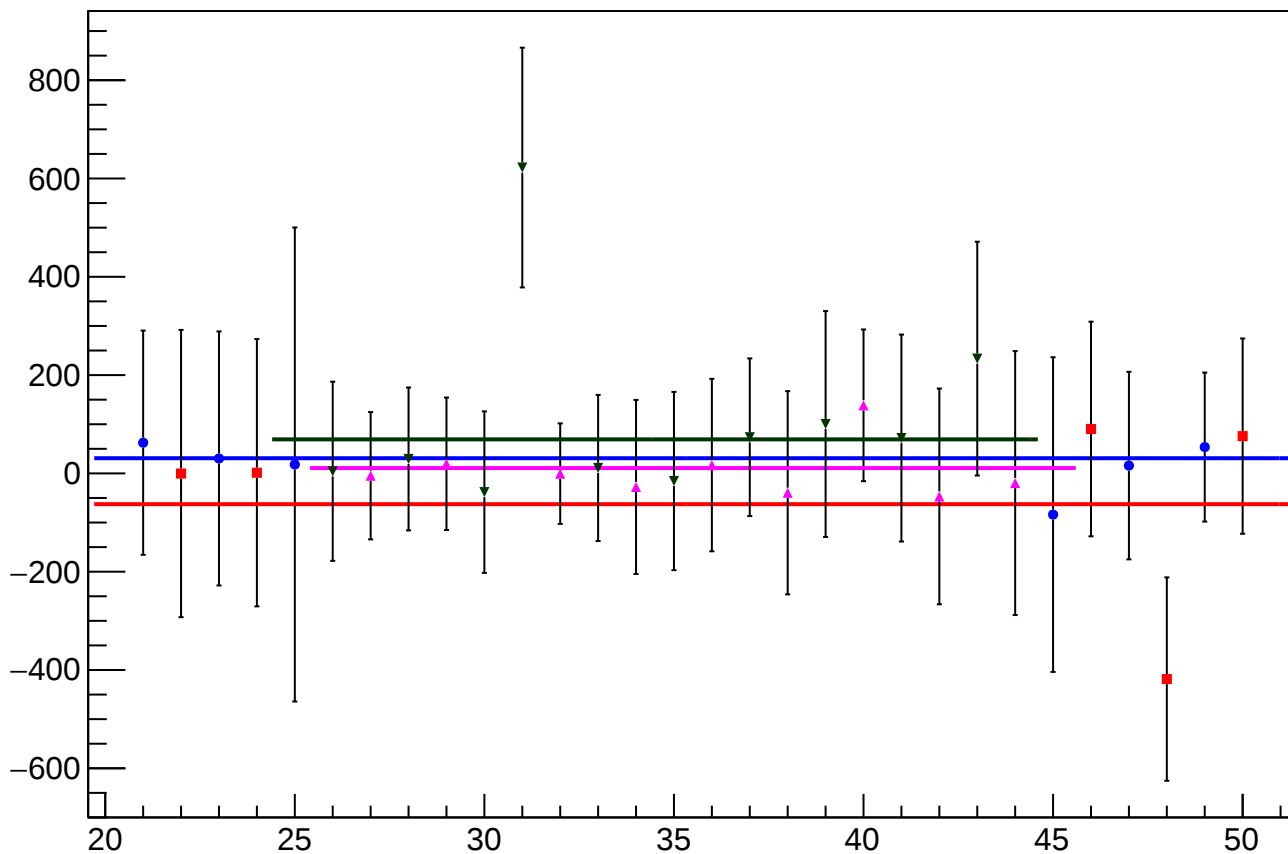
Left Out: 16.171 $\pm$ 0.005 χ^2 /NDF: 128877.5/9

Right Out: 16.355 $\pm$ 0.007 χ^2 /NDF: 13603.8/4

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102844.5/8

16.283 $\pm$ 0.003 χ^2 /NDF: 304212.3/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 30.880+/-91.586 χ^2/NDF : 0.2/5

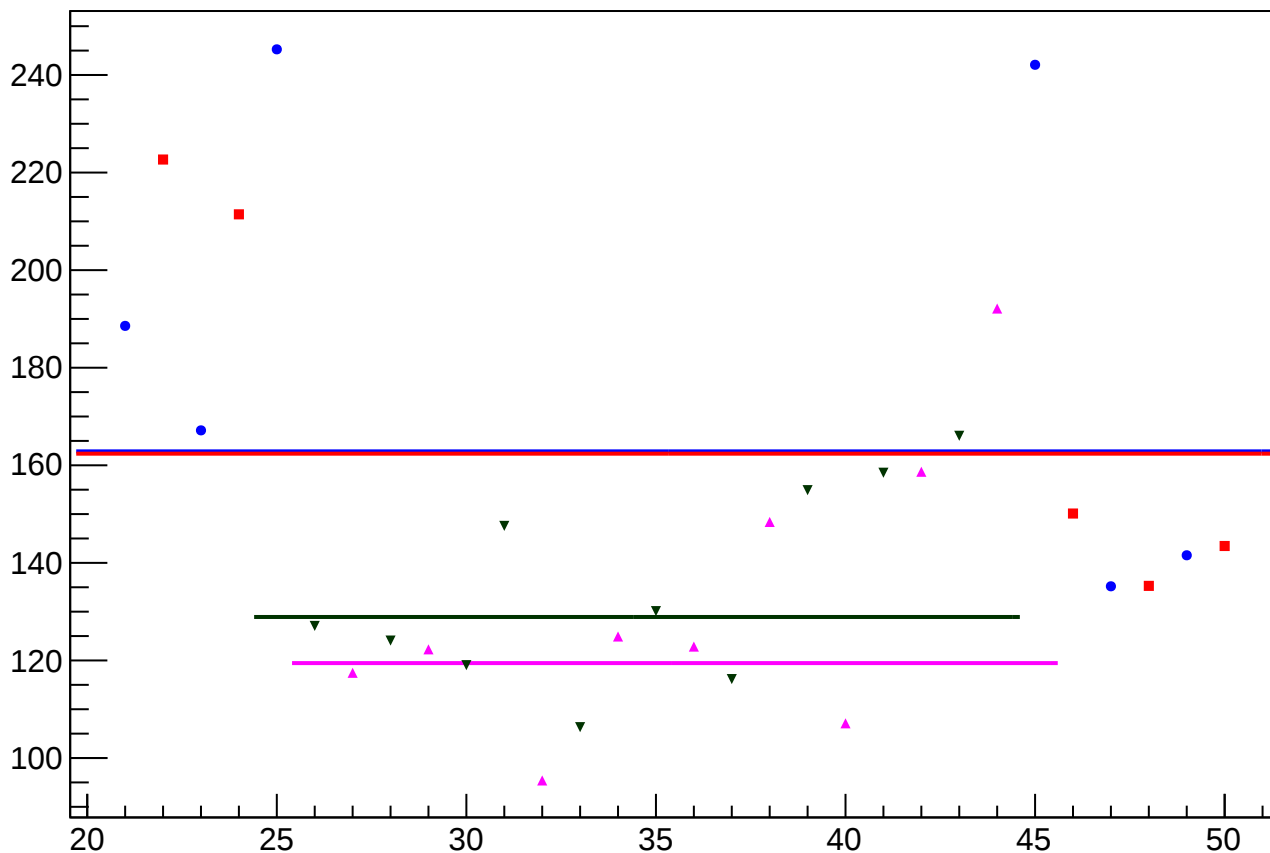
Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

25.634+/-33.450 χ^2/NDF : 13.2/29

Right Out: -62.627+/-102.659 χ^2/NDF : 4.0/4

Left In: 10.837+/-51.660 χ^2/NDF : 0.9/8

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 162.856+/-0.065 χ^2/NDF : 288367.9/5

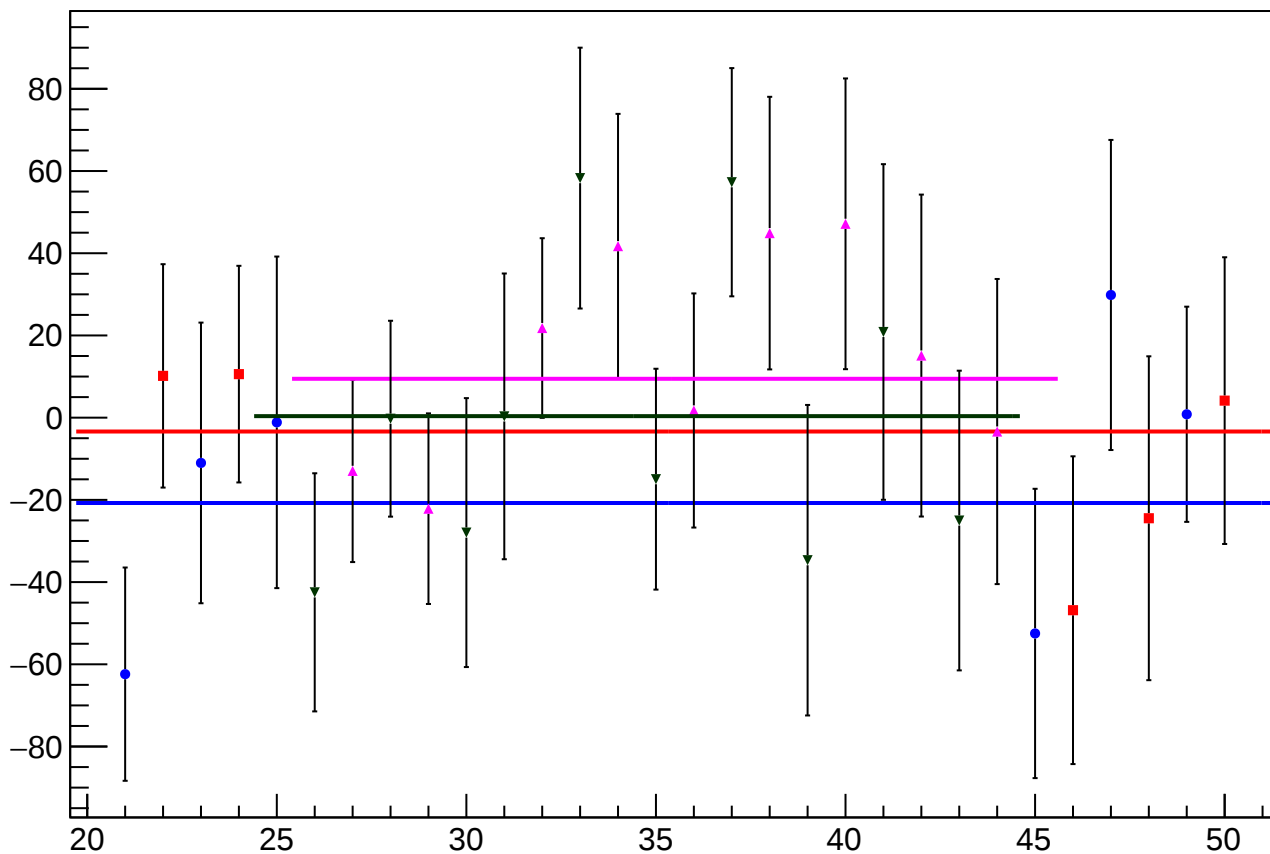
Left Out: 128.912+/-0.040 χ^2/NDF : 193953.6/9

Right Out: 162.382+/-0.073 χ^2/NDF : 208950.1/4

Left In: 119.459+/-0.037 χ^2/NDF : 376971.9/8

133.030+/-0.024 χ^2/NDF : 1592223.0/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -20.759 ± 12.987 χ^2/NDF : 6.2/5

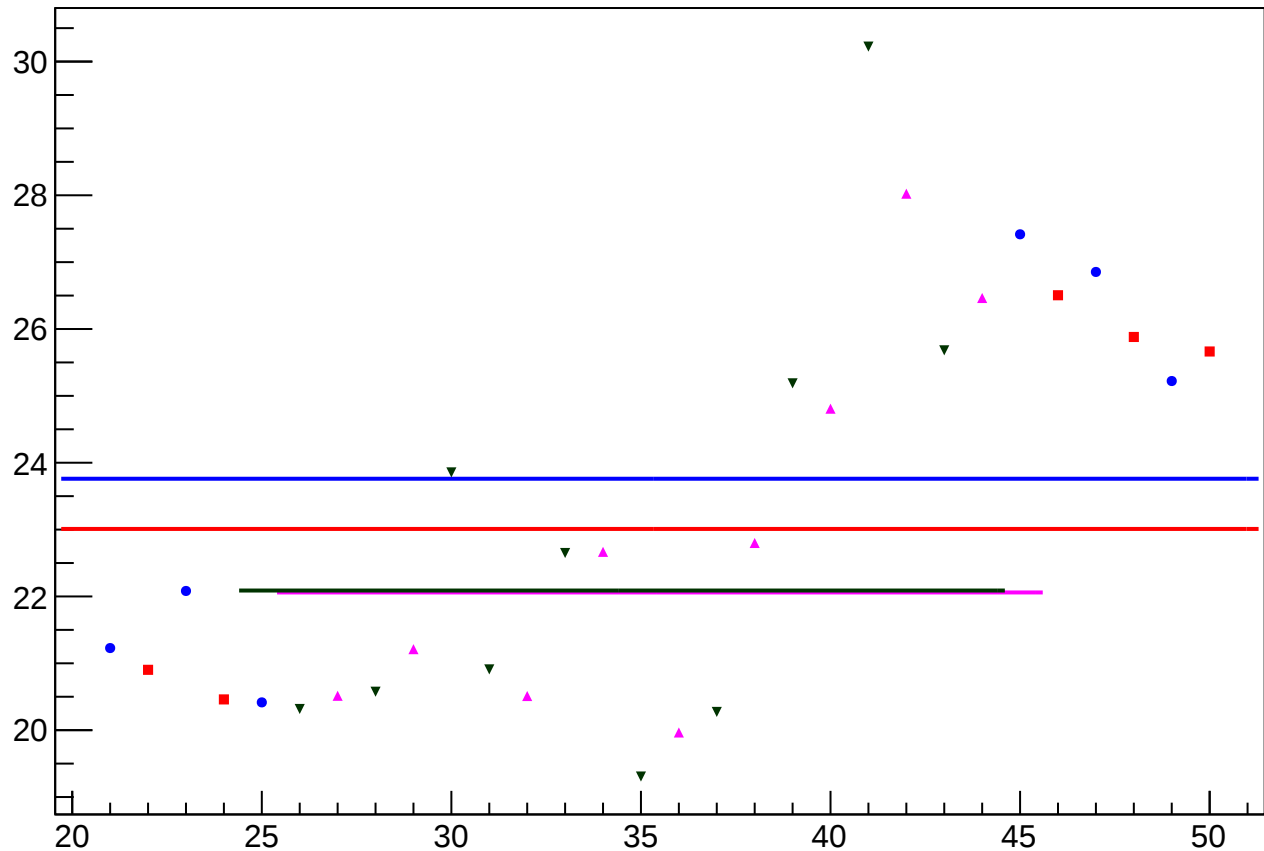
Left Out: 0.371 ± 9.784 χ^2/NDF : 12.4/9

Right Out: -3.369 ± 14.178 χ^2/NDF : 2.2/4

Left In: 9.455 ± 9.419 χ^2/NDF : 6.7/8

-0.900 ± 5.537 χ^2/NDF : 31.1/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.760+/-0.009 χ^2/NDF : 78916.9/5

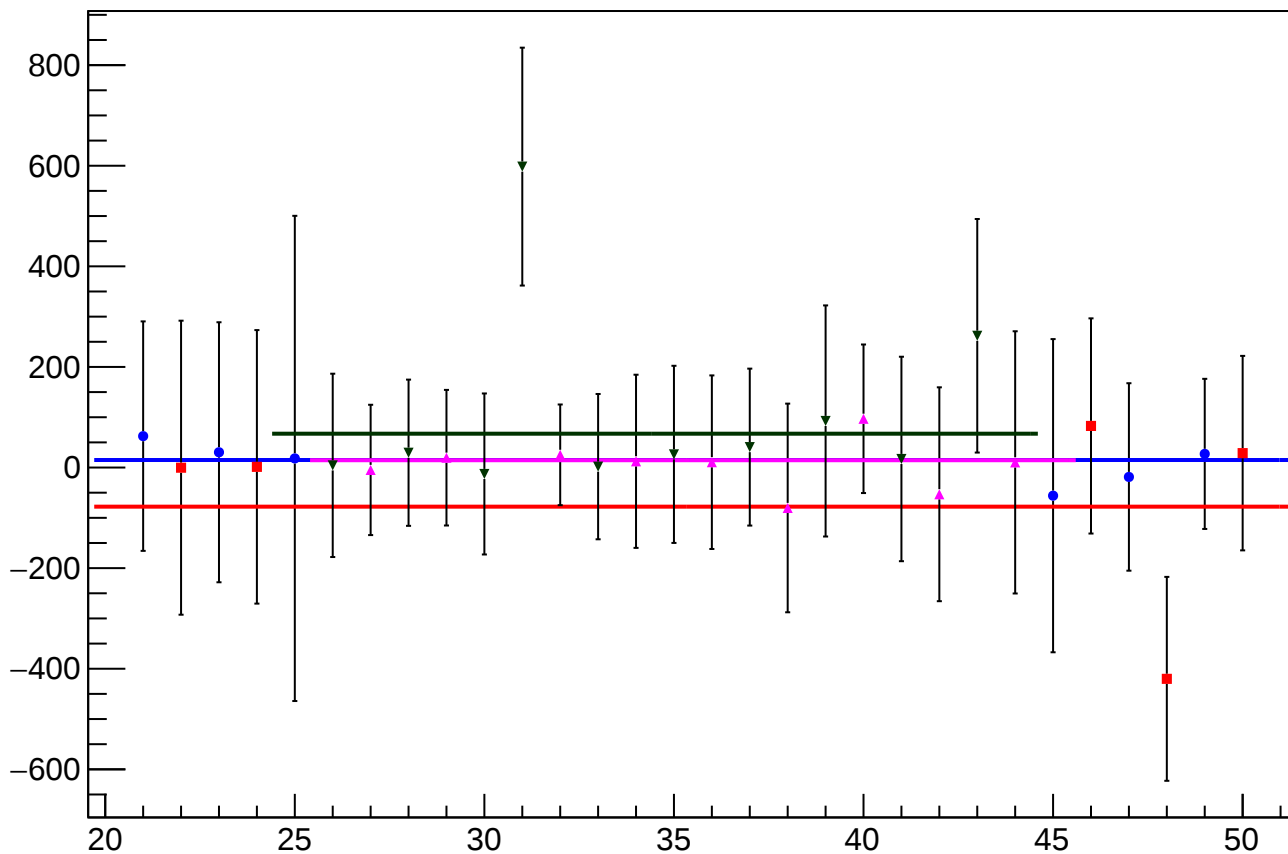
Left Out: 22.089+/-0.007 χ^2/NDF : 166634.7/9

Right Out: 23.010+/-0.010 χ^2/NDF : 70394.9/4

Left In: 22.060+/-0.007 χ^2/NDF : 121596.3/8

22.523+/-0.004 χ^2/NDF : 466839.5/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 14.971+/-90.347 χ^2/NDF : 0.1/5

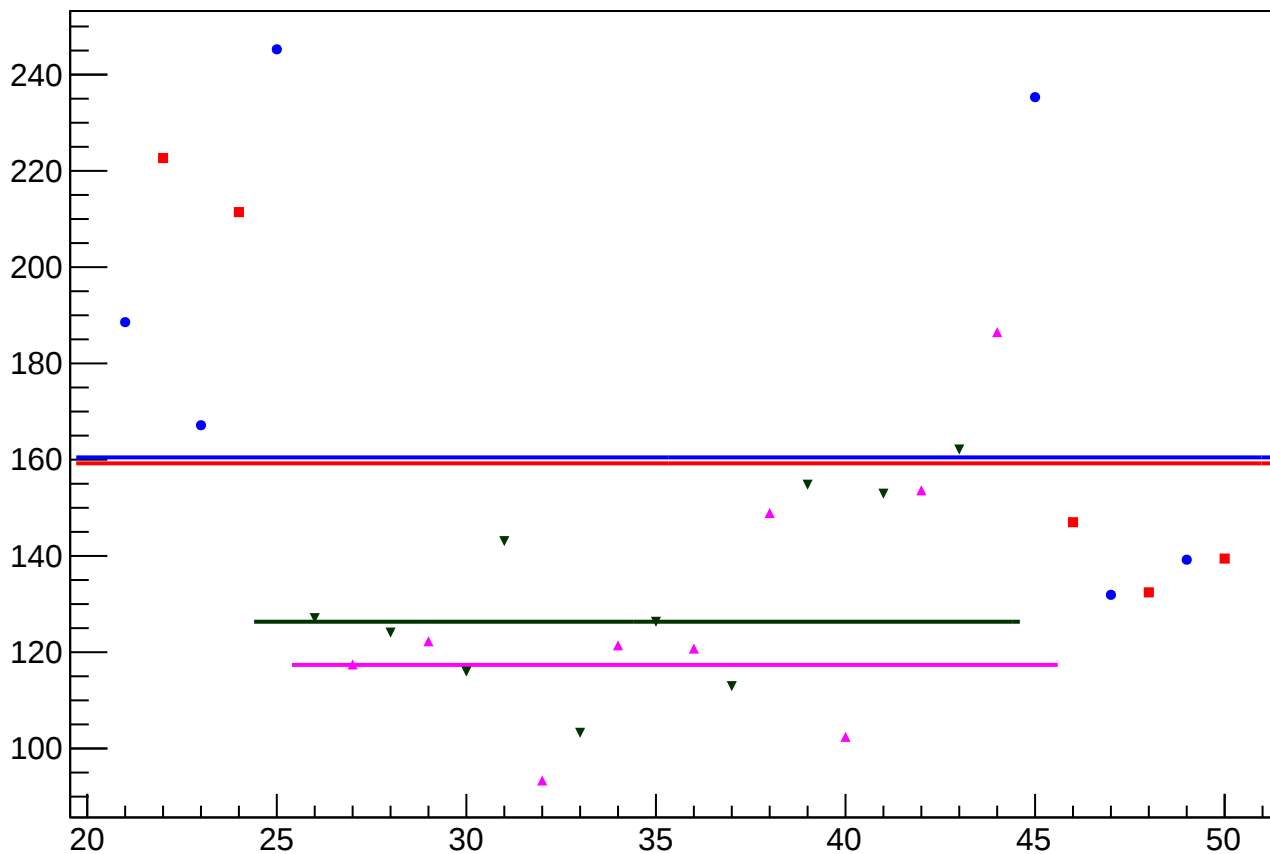
Left Out: 67.277+/-56.136 χ^2/NDF : 6.5/9

22.890+/-32.866 χ^2/NDF : 12.9/29

Right Out: -77.774+/-100.921 χ^2/NDF : 3.9/4

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 $\pm$ 0.064 χ^2 /NDF: 296624.4/5

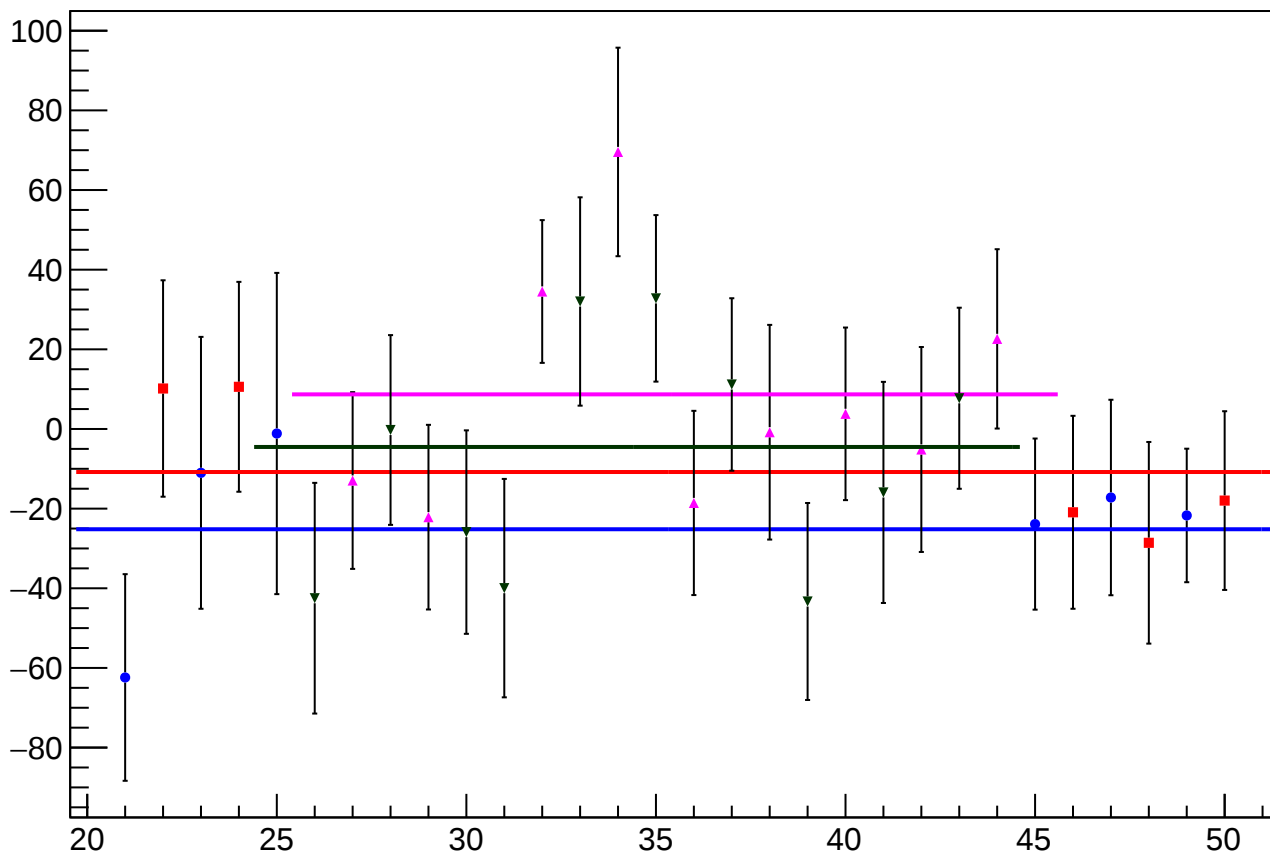
Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

Right Out: 159.238 $\pm$ 0.071 χ^2 /NDF: 230365.1/4

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

130.586 $\pm$ 0.023 χ^2 /NDF: 1636705.1/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -25.178 ± 9.832 χ^2/NDF : 2.7/5

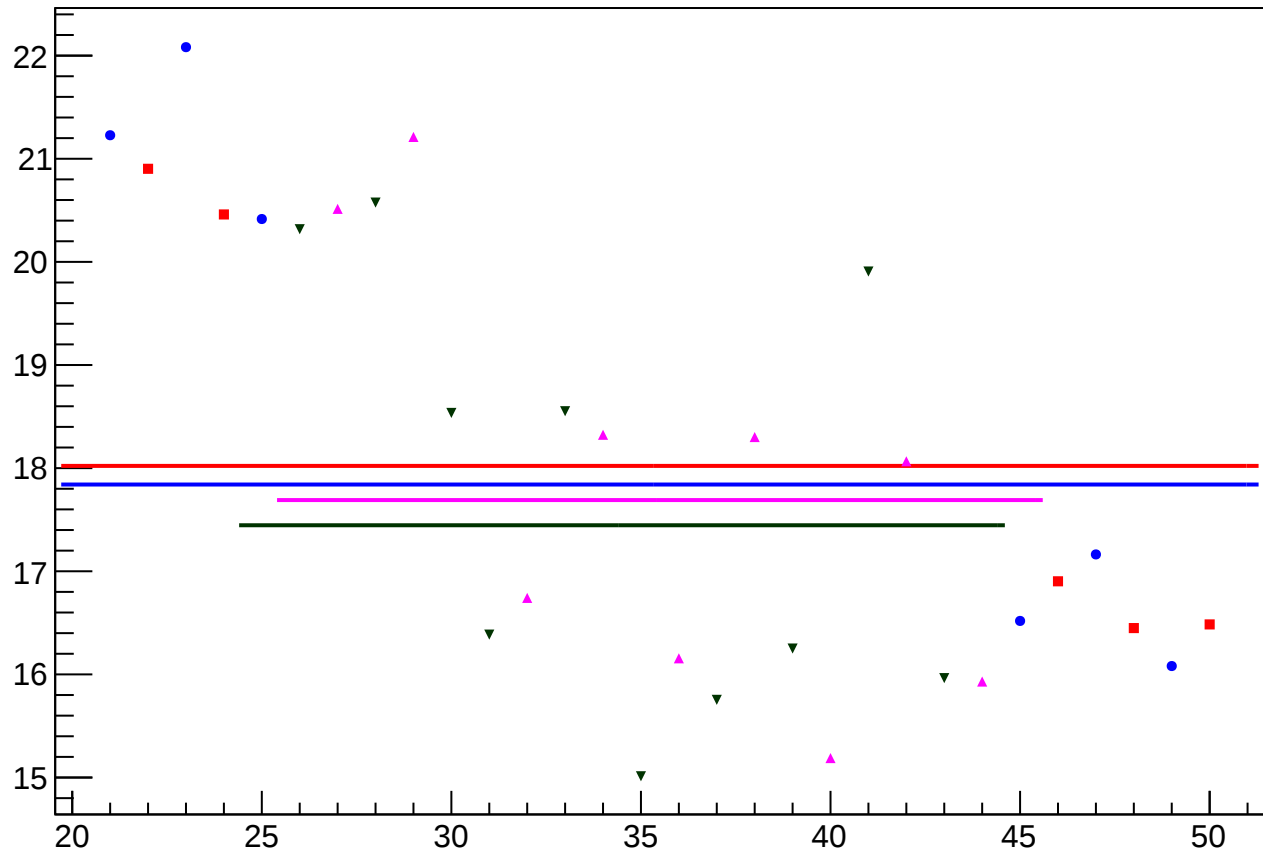
Left Out: -4.516 ± 7.770 χ^2/NDF : 12.7/9

Right Out: -10.805 ± 11.149 χ^2/NDF : 2.0/4

Left In: 8.691 ± 7.598 χ^2/NDF : 12.4/8

-5.196 ± 4.374 χ^2/NDF : 37.6/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.841+/-0.007 χ^2/NDF : 104262.2/5

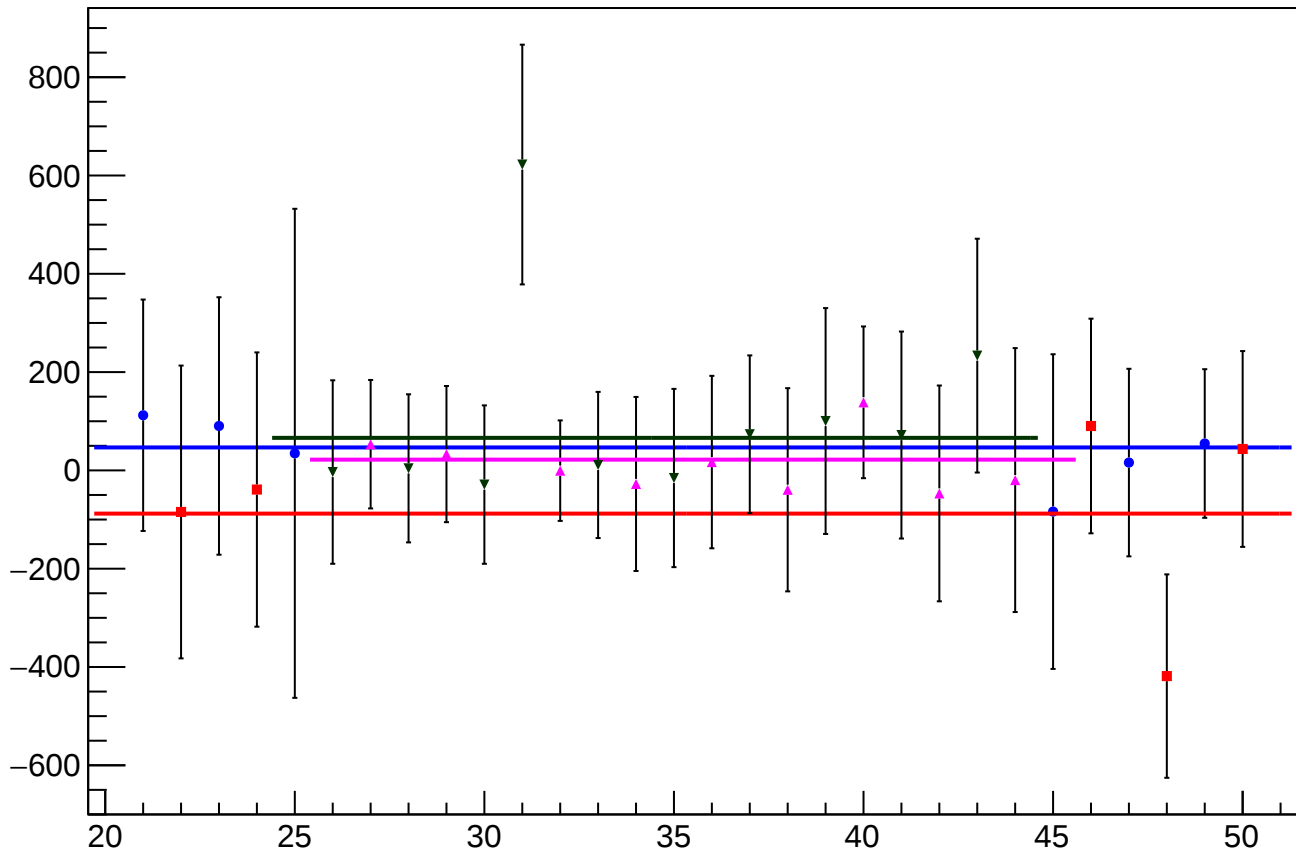
Left Out: 17.446+/-0.005 χ^2/NDF : 132564.7/9

Right Out: 18.022+/-0.008 χ^2/NDF : 60979.4/4

Left In: 17.690+/-0.005 χ^2/NDF : 134443.4/8

17.694+/-0.003 χ^2/NDF : 436462.1/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 46.707 $\pm$ 92.205 χ^2 /NDF: 0.3/5

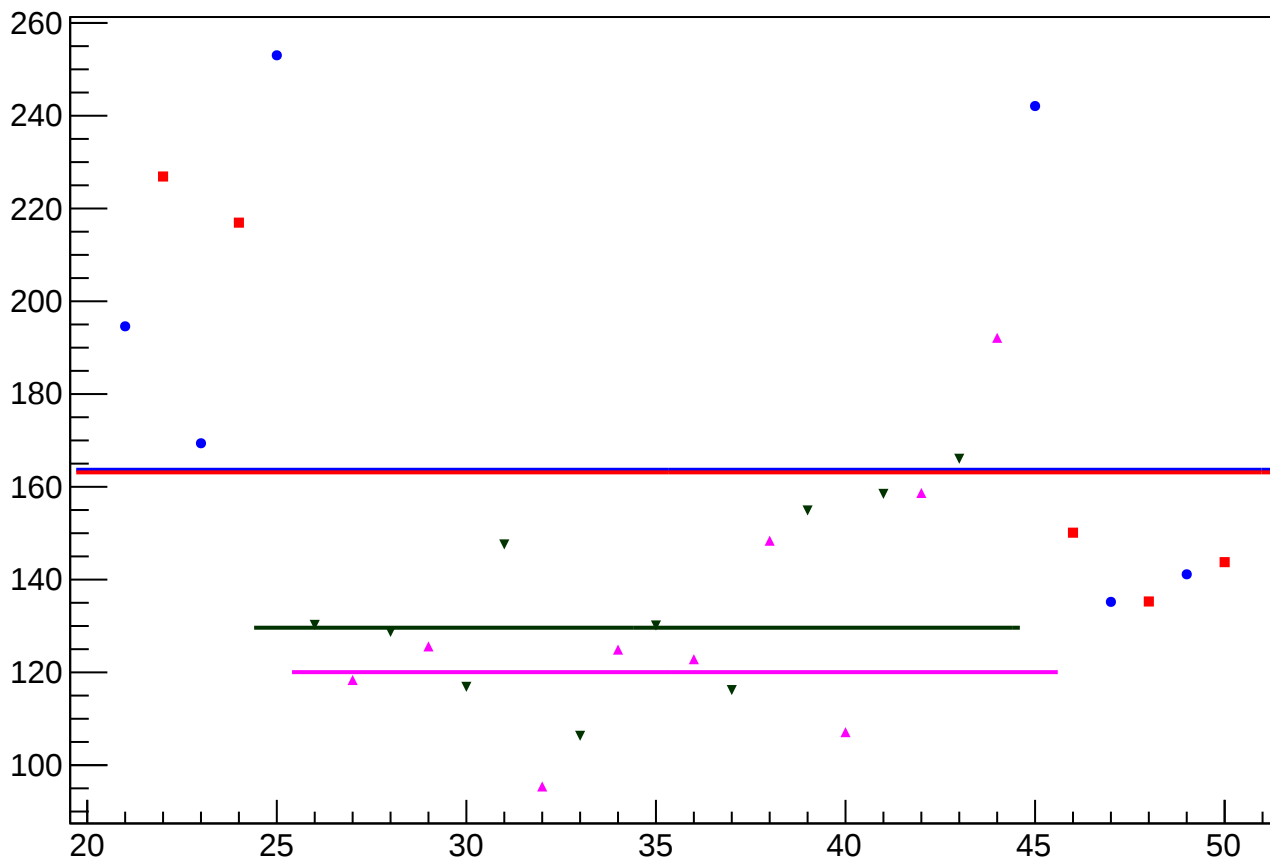
Left Out: 66.207 $\pm$ 57.570 χ^2 /NDF: 6.7/9

28.689 $\pm$ 33.640 χ^2 /NDF: 13.4/29

Right Out: -87.923 $\pm$ 103.340 χ^2 /NDF: 3.7/4

Left In: 21.892 $\pm$ 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

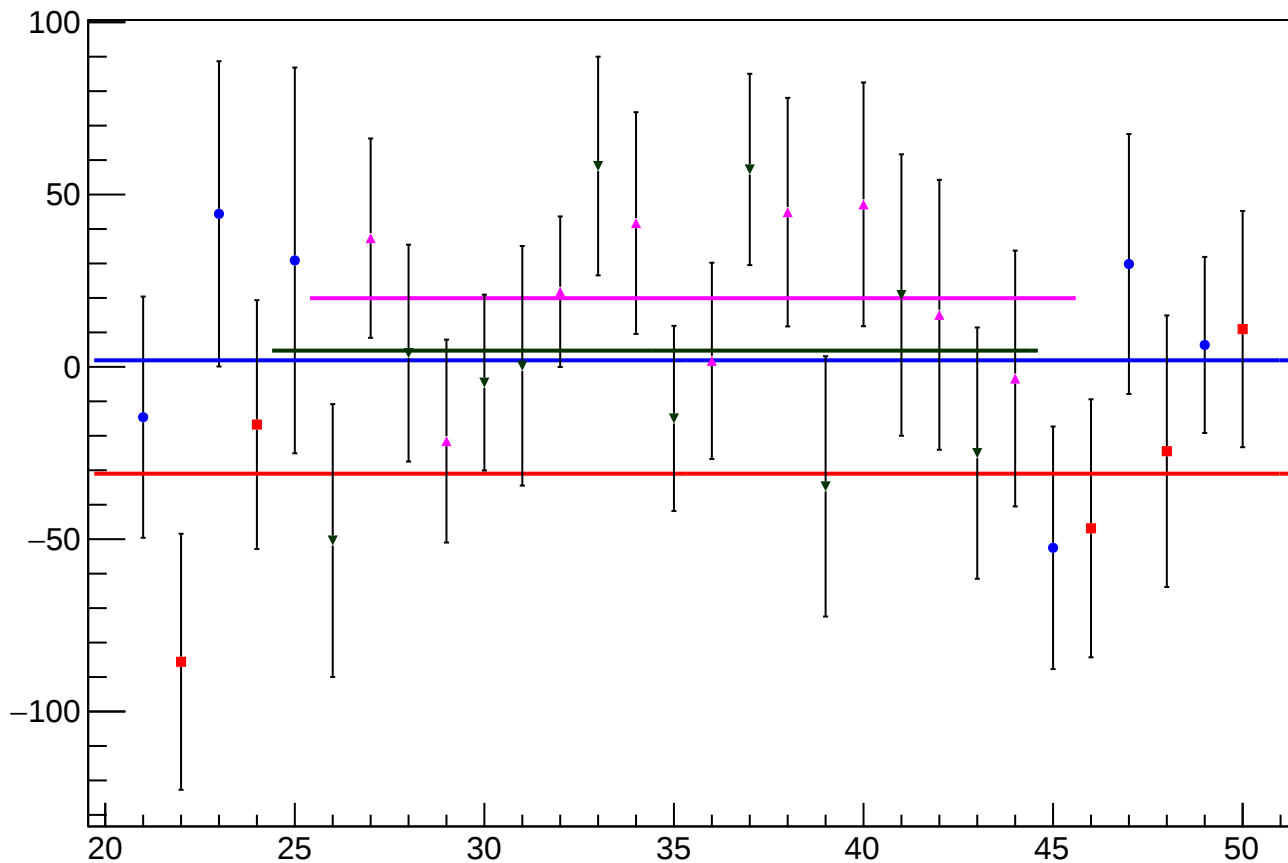
Left Out: 129.628+/-0.041 χ^2/NDF : 195251.2/9

Right Out: 163.117+/-0.073 χ^2/NDF : 228293.2/4

Left In: 120.050+/-0.037 χ^2/NDF : 379438.7/8

133.691+/-0.024 χ^2/NDF : 1633483.3/29

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 1.903 ± 14.604 $\chi^2/\text{NDF}: 4.4/5$

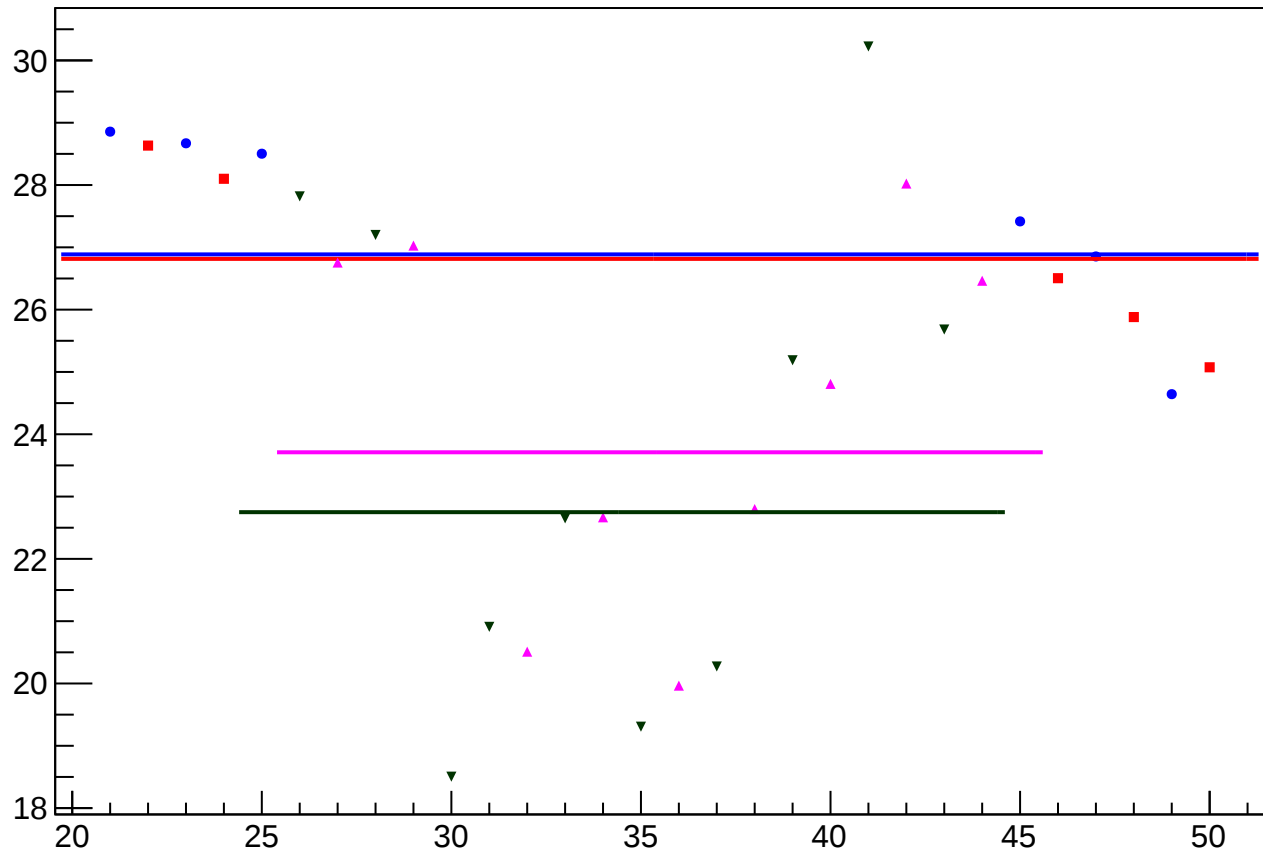
Left Out: 4.718 ± 10.131 $\chi^2/\text{NDF}: 11.0/9$

4.811 ± 5.991 $\chi^2/\text{NDF}: 31.2/29$

Right Out: -30.993 ± 16.436 $\chi^2/\text{NDF}: 4.0/4$

Left In: 19.927 ± 10.138 $\chi^2/\text{NDF}: 4.8/8$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 26.887+/-0.010 χ^2/NDF : 27127.7/5

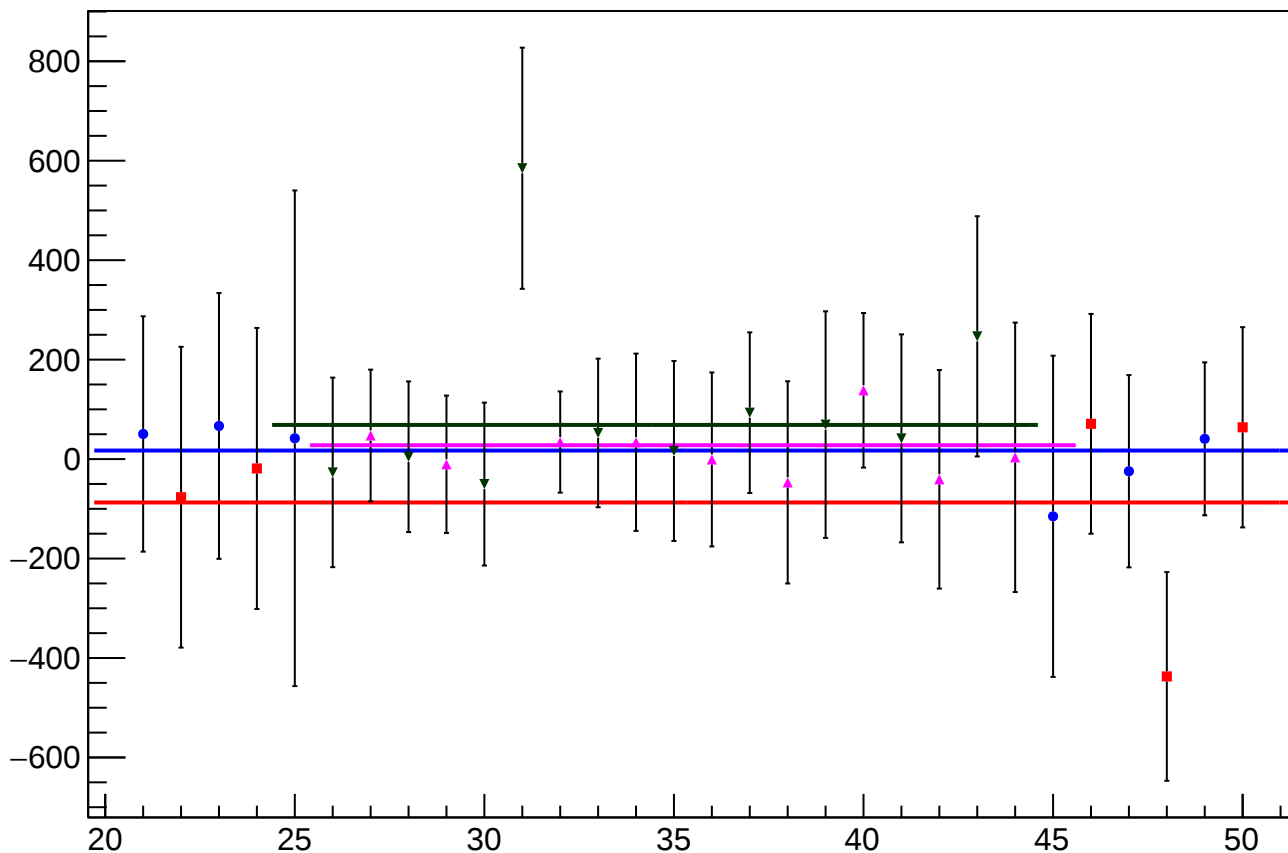
Left Out: 22.750+/-0.007 χ^2/NDF : 270884.7/9

Right Out: 26.815+/-0.012 χ^2/NDF : 13745.9/4

Left In: 23.711+/-0.007 χ^2/NDF : 165862.4/8

24.321+/-0.004 χ^2/NDF : 640759.4/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 17.215+/-93.444 χ^2/NDF : 0.3/5

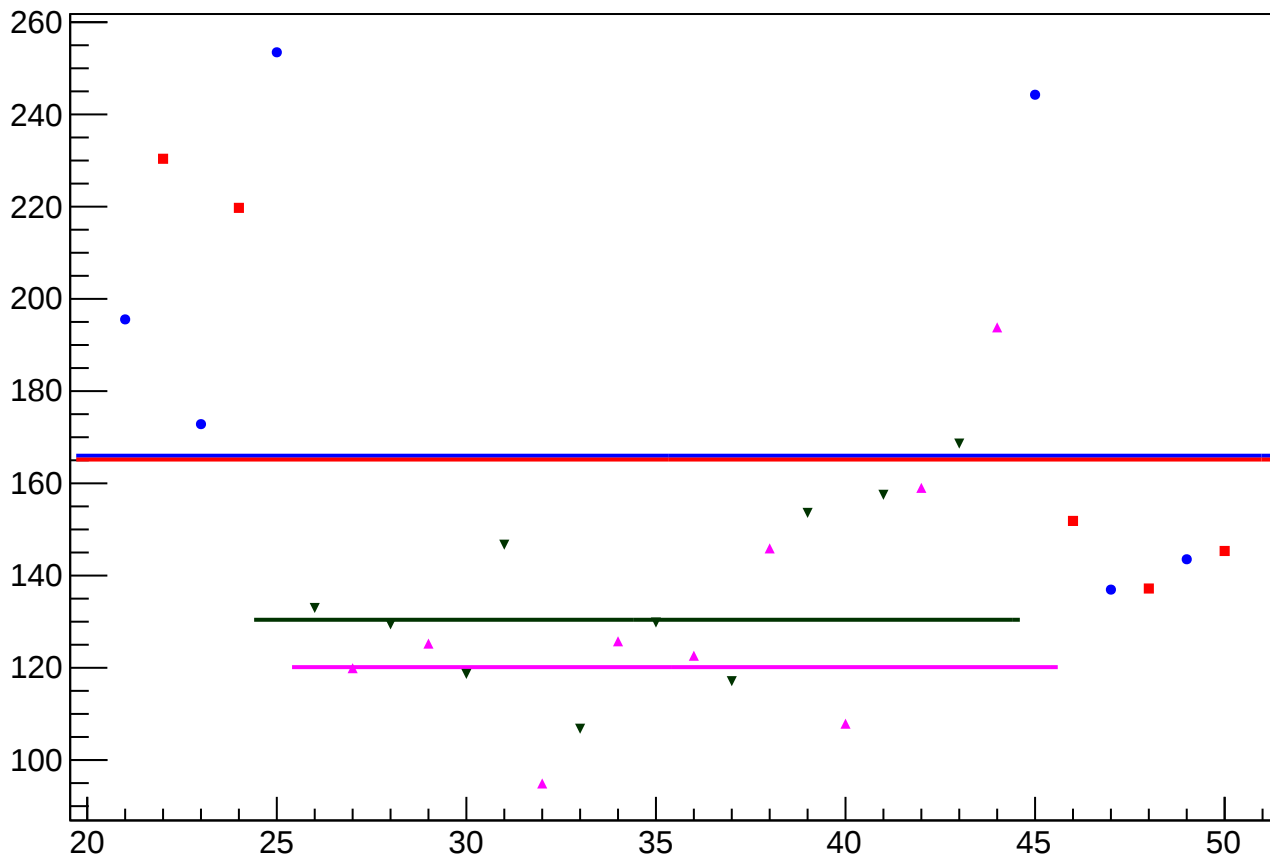
Left Out: 68.706+/-57.895 χ^2/NDF : 6.2/9

28.389+/-33.820 χ^2/NDF : 13.0/29

Right Out: -87.248+/-104.648 χ^2/NDF : 3.9/4

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 χ^2/NDF : 299423.3/5

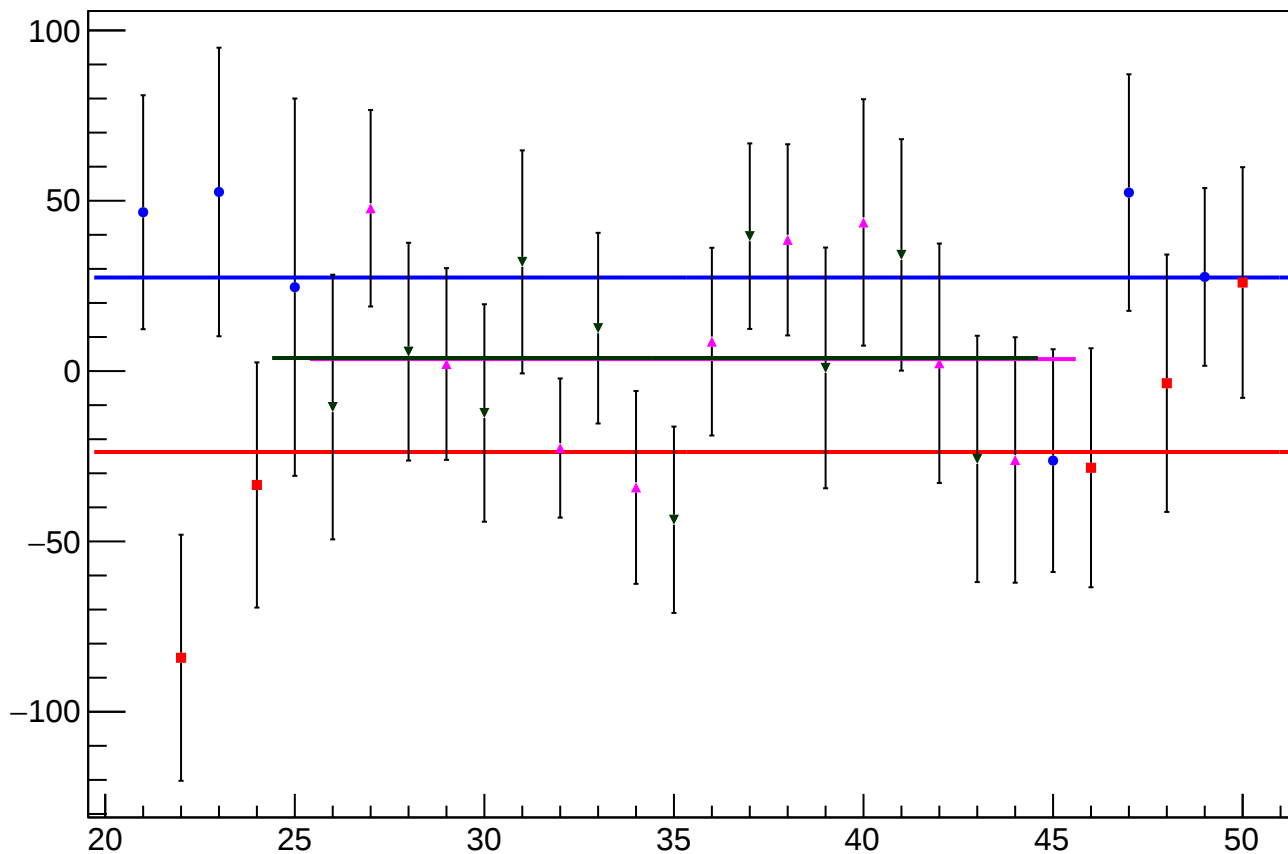
Left Out: 130.416 ± 0.041 χ^2/NDF : 187736.2/9

Right Out: 165.160 ± 0.074 χ^2/NDF : 229819.3/4

Left In: 120.144 ± 0.037 χ^2/NDF : 383139.4/8

134.357 ± 0.024 χ^2/NDF : 1661405.3/29

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

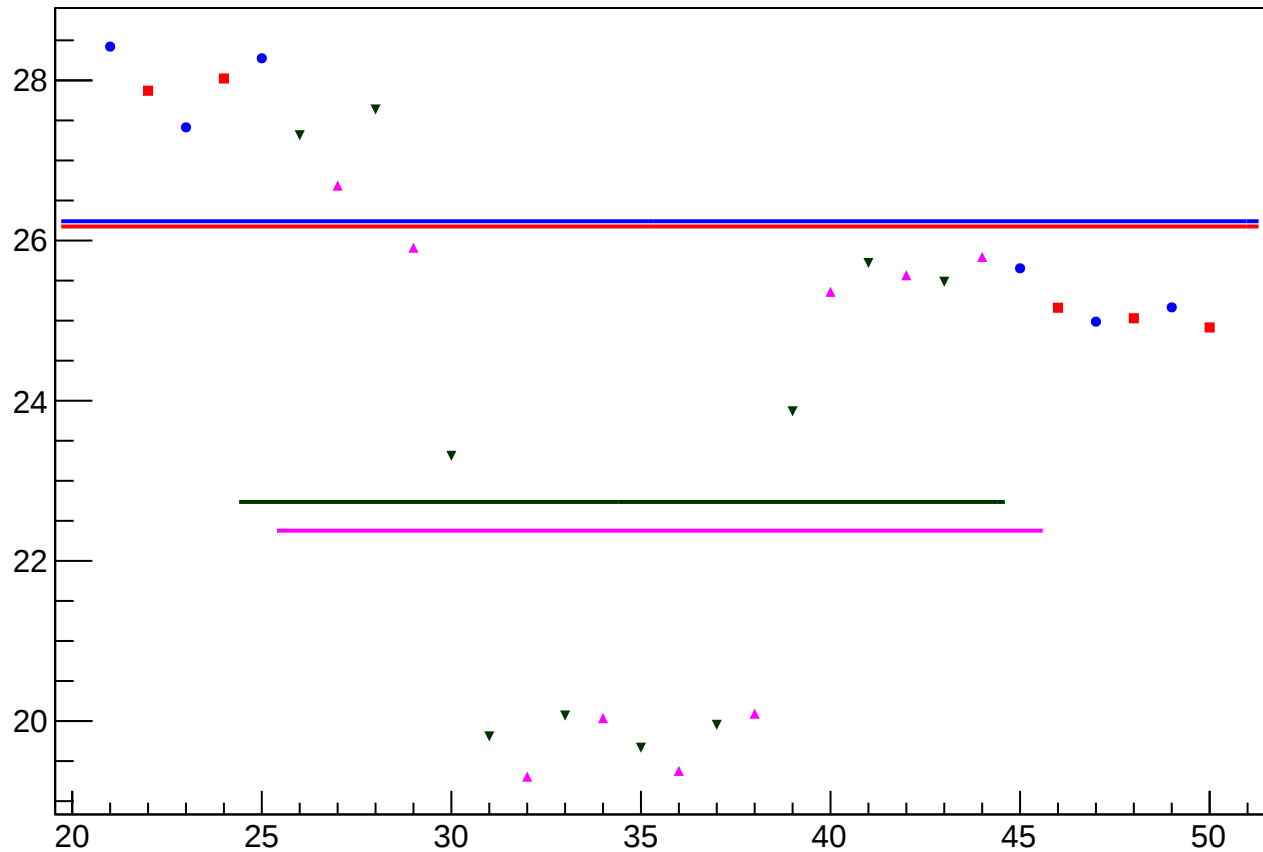
Left Out: 3.838 $\pm$ 10.024 χ^2 /NDF: 7.4/9

4.021 $\pm$ 5.784 χ^2 /NDF: 31.7/29

Right Out: -23.750 $\pm$ 15.962 χ^2 /NDF: 5.3/4

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+/-0.010 χ^2/NDF : 18951.0/5

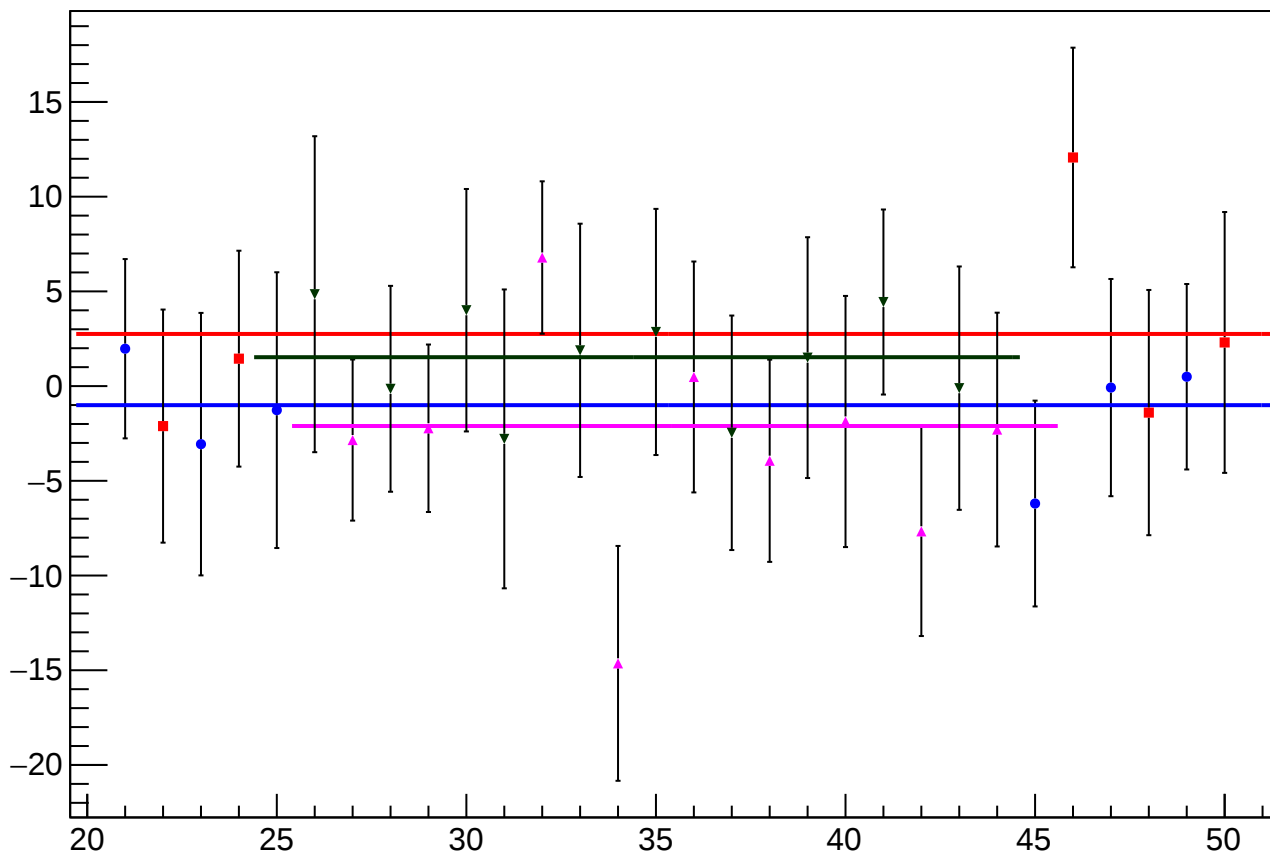
Left Out: 22.736+/-0.007 χ^2/NDF : 184730.7/9

Right Out: 26.176+/-0.011 χ^2/NDF : 15967.8/4

Left In: 22.378+/-0.007 χ^2/NDF : 220179.4/8

23.638+/-0.004 χ^2/NDF : 608926.3/29

diff_bpm12X_mean vs slug



Right In: -1.006 ± 2.292 χ^2/NDF : 1.5/5

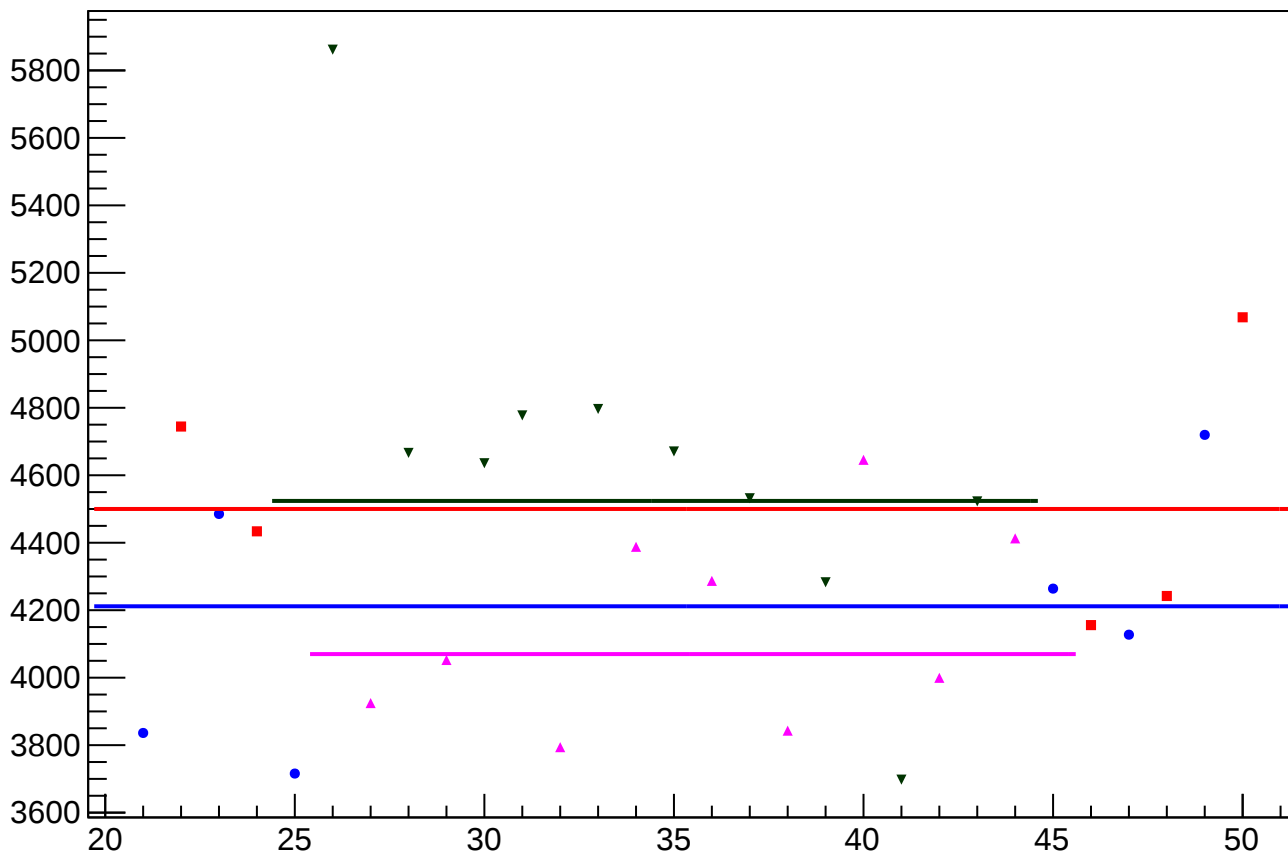
Left Out: 1.526 ± 1.993 χ^2/NDF : 1.6/9

Right Out: 2.753 ± 2.753 χ^2/NDF : 3.7/4

Left In: -2.107 ± 1.720 χ^2/NDF : 10.3/8

-0.171 ± 1.047 χ^2/NDF : 20.3/29

diff_bpm12X_rms vs slug



Right In: 4211.623+/-1.621 χ^2 /NDF: 47151.4/5

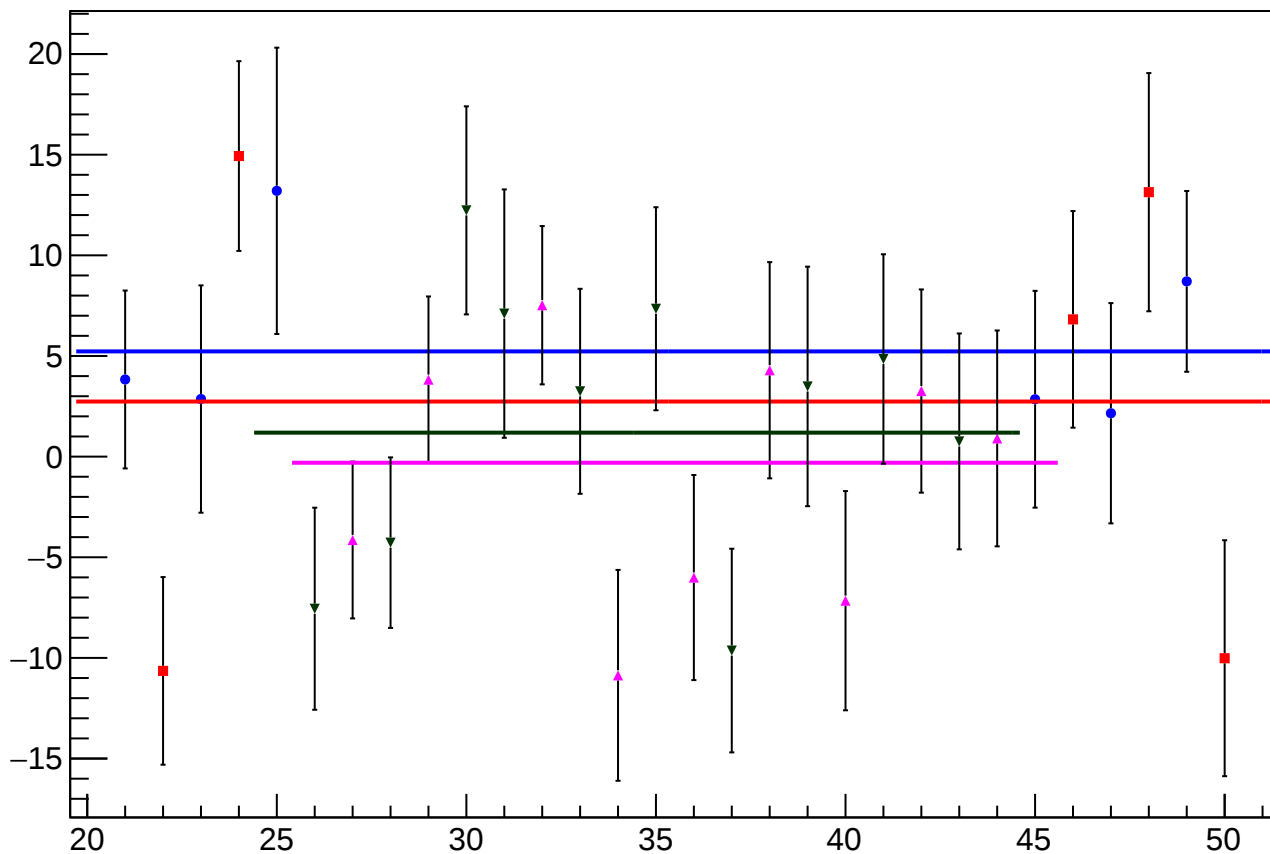
Left Out: 4523.929+/-1.409 χ^2 /NDF:119939.0/9

4287.055+/-0.740 χ^2 /NDF: 313403.8/29

Right Out: 4500.092+/-1.947 χ^2 /NDF: 27273.0/4

Left In: 4069.946+/-1.216 χ^2 /NDF:44775.6/8

diff_bpm12Y_mean vs slug



Right In: 5.227 ± 2.133 χ^2/NDF : 2.6/5

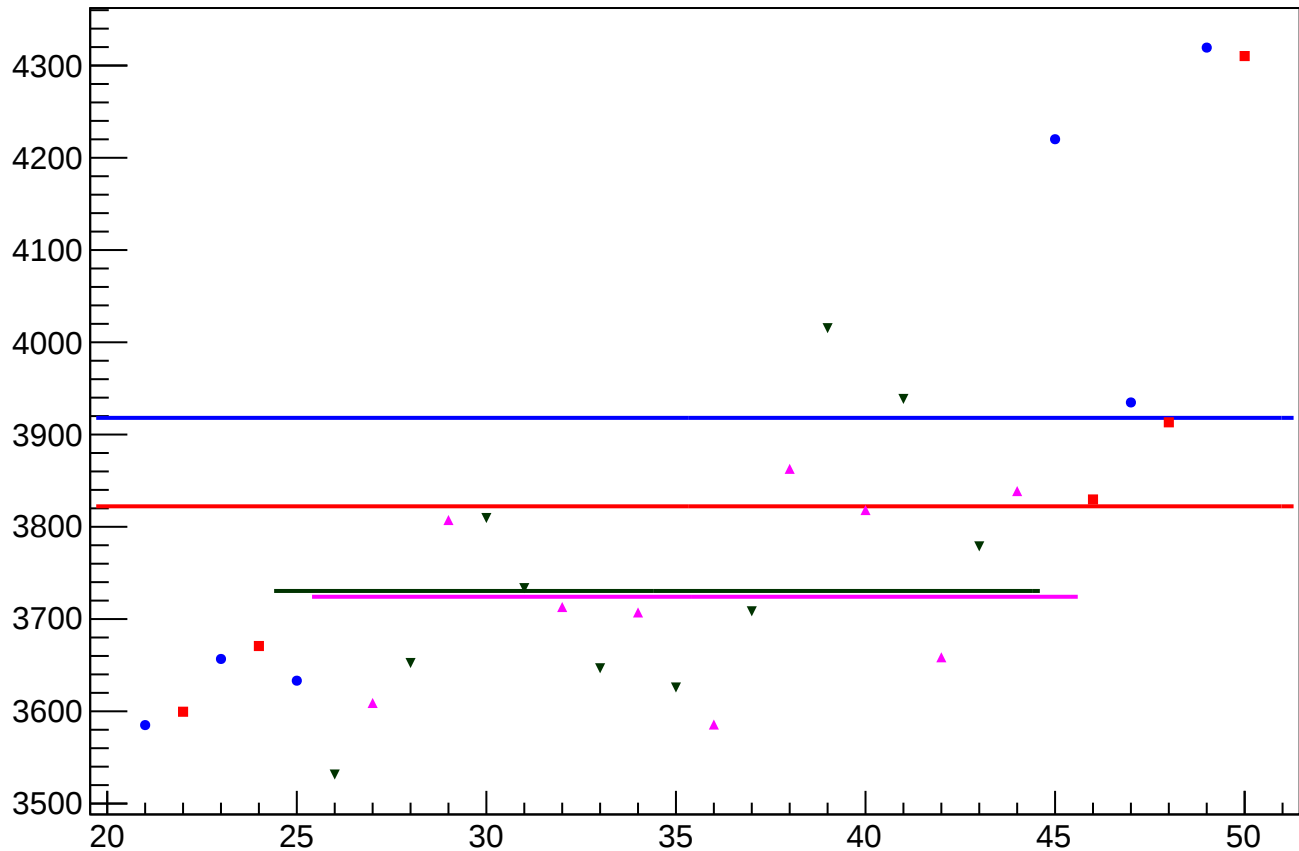
Left Out: 1.191 ± 1.631 χ^2/NDF : 17.1/9

Right Out: 2.736 ± 2.336 χ^2/NDF : 23.3/4

Left In: -0.304 ± 1.568 χ^2/NDF : 14.1/8

1.666 ± 0.918 χ^2/NDF : 61.8/29

diff_bpm12Y_rms vs slug



Right In: 3918.086+/-1.508 χ^2/NDF : 41140.0/5

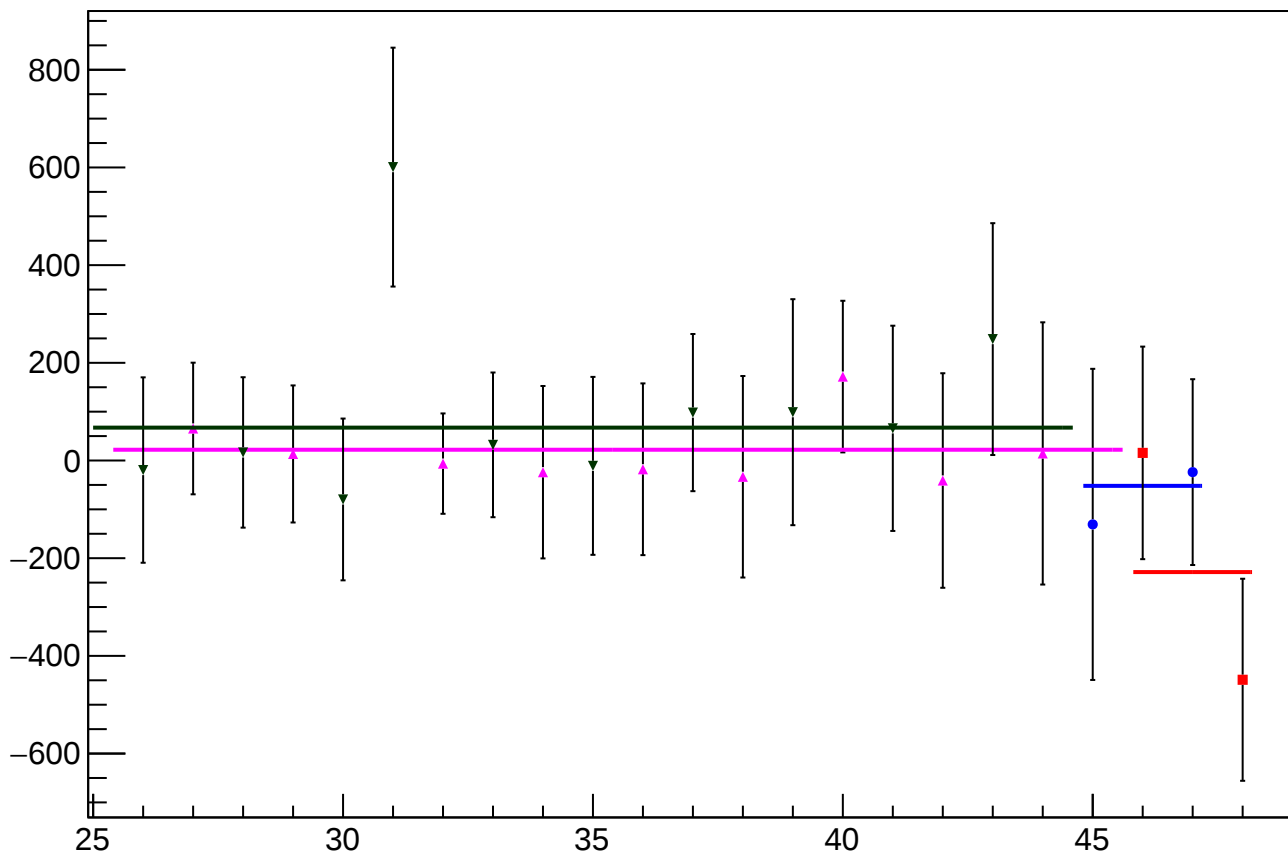
Left Out: 3730.451+/-1.153 χ^2/NDF :13680.1/9

Right Out: 3822.206+/-1.652 χ^2/NDF : 20972.1/4

Left In: 3724.161+/-1.109 χ^2/NDF :7251.9/8

3777.263+/-0.649 χ^2/NDF : 96443.3/29

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 $\pm$ 163.313 χ^2 /NDF: 0.1/1

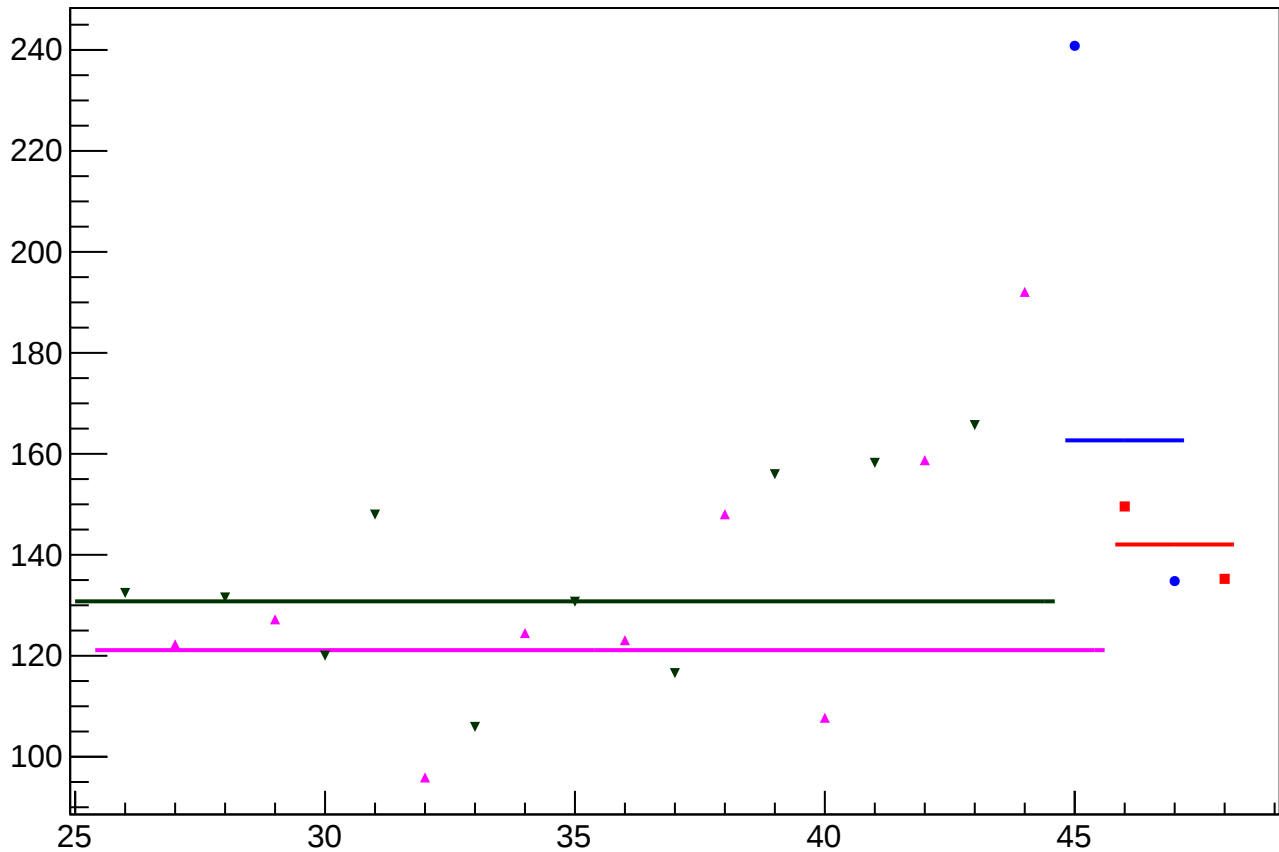
Left Out: 67.330 $\pm$ 58.072 χ^2 /NDF: 6.7/9

21.392 $\pm$ 36.682 χ^2 /NDF: 14.2/22

Right Out: -228.420 $\pm$ 149.918 χ^2 /NDF: 2.4/1

Left In: 22.052 $\pm$ 52.367 χ^2 /NDF: 1.4/8

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 162.670 $\pm$ 0.115 χ^2 /NDF: 163356.1/1

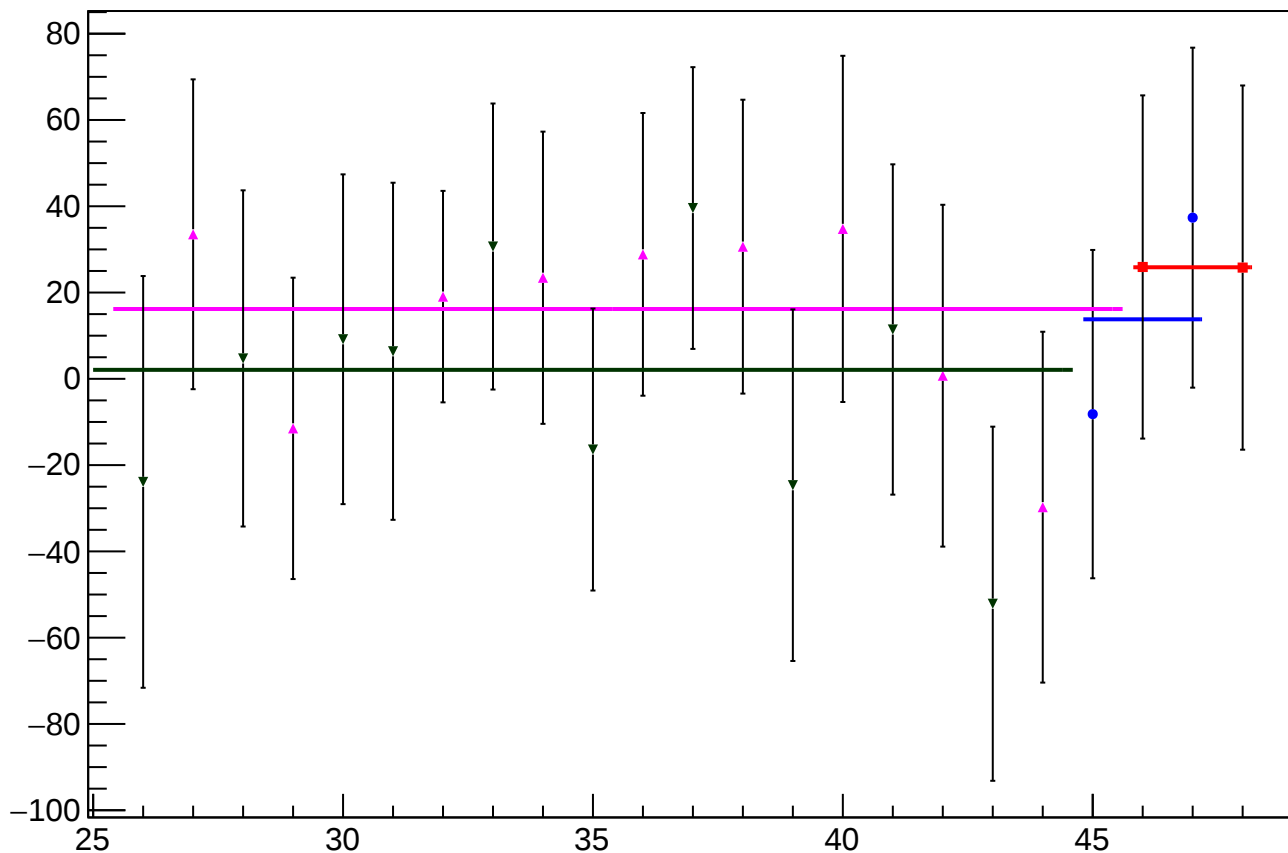
Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

Right Out: 142.046 $\pm$ 0.106 χ^2 /NDF: 4558.7/1

Left In: 121.118 $\pm$ 0.037 χ^2 /NDF: 372780.0/8

128.324 $\pm$ 0.026 χ^2 /NDF: 878974.5/22

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 13.794 $\pm$ 27.373 χ^2 /NDF: 0.7/1

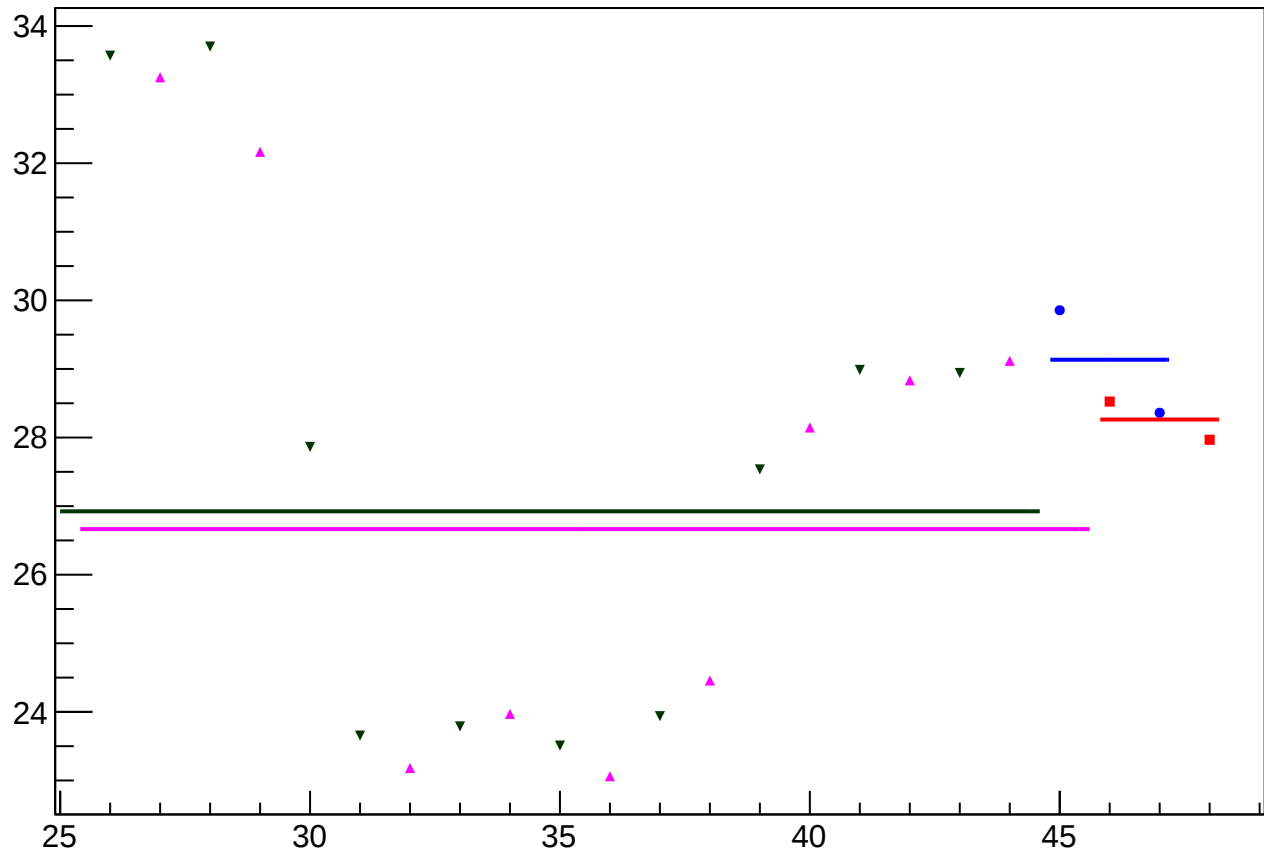
Left Out: 2.082 $\pm$ 11.868 χ^2 /NDF: 5.0/9

Right Out: 25.859 $\pm$ 28.950 χ^2 /NDF: 0.0/1

Left In: 16.185 $\pm$ 11.331 χ^2 /NDF: 2.9/8

10.915 $\pm$ 7.578 χ^2 /NDF: 9.6/22

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.135 ± 0.019 χ^2/NDF : 1488.9/1

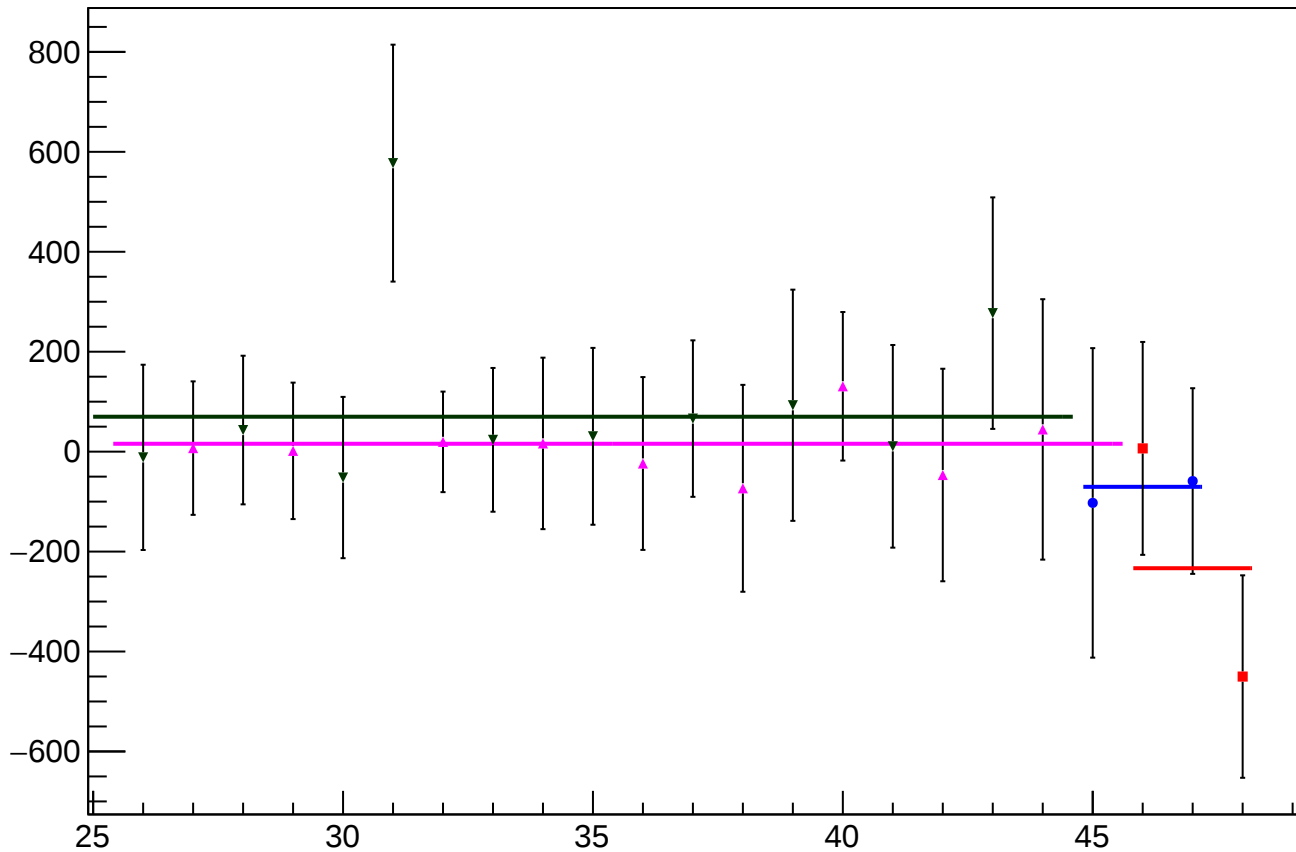
Left Out: 26.924 ± 0.008 χ^2/NDF : 182041.2/9

Right Out: 28.263 ± 0.020 χ^2/NDF : 184.5/1

Left In: 26.665 ± 0.008 χ^2/NDF : 218549.2/8

27.069 ± 0.005 χ^2/NDF : 419896.7/22

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -70.409 ± 159.306 χ^2/NDF : 0.0/1

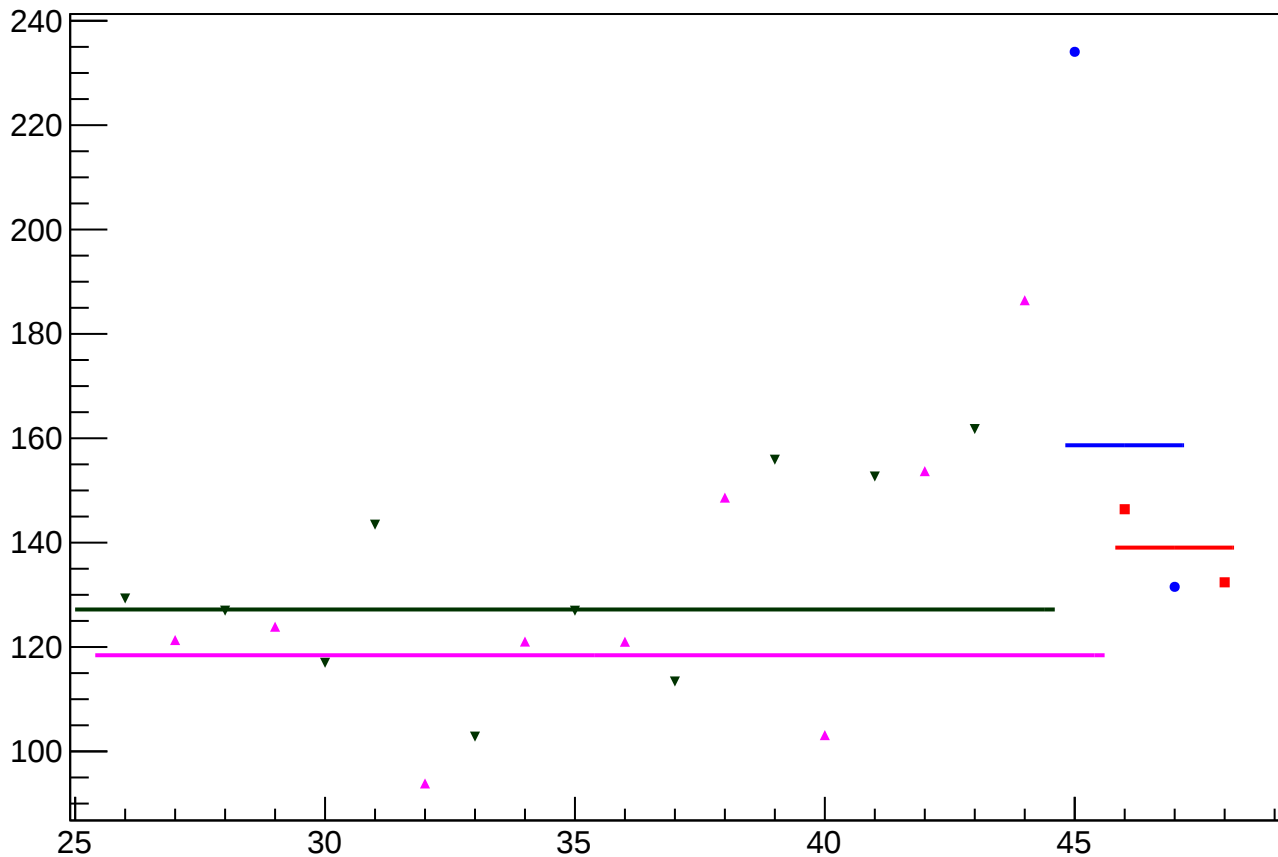
Left Out: 69.878 ± 56.508 χ^2/NDF : 6.4/9

18.319 ± 35.799 χ^2/NDF : 13.9/22

Right Out: -233.286 ± 146.812 χ^2/NDF : 2.4/1

Left In: 15.757 ± 51.209 χ^2/NDF : 1.0/8

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 158.659 $\pm$ 0.113 χ^2 /NDF: 161176.8/1

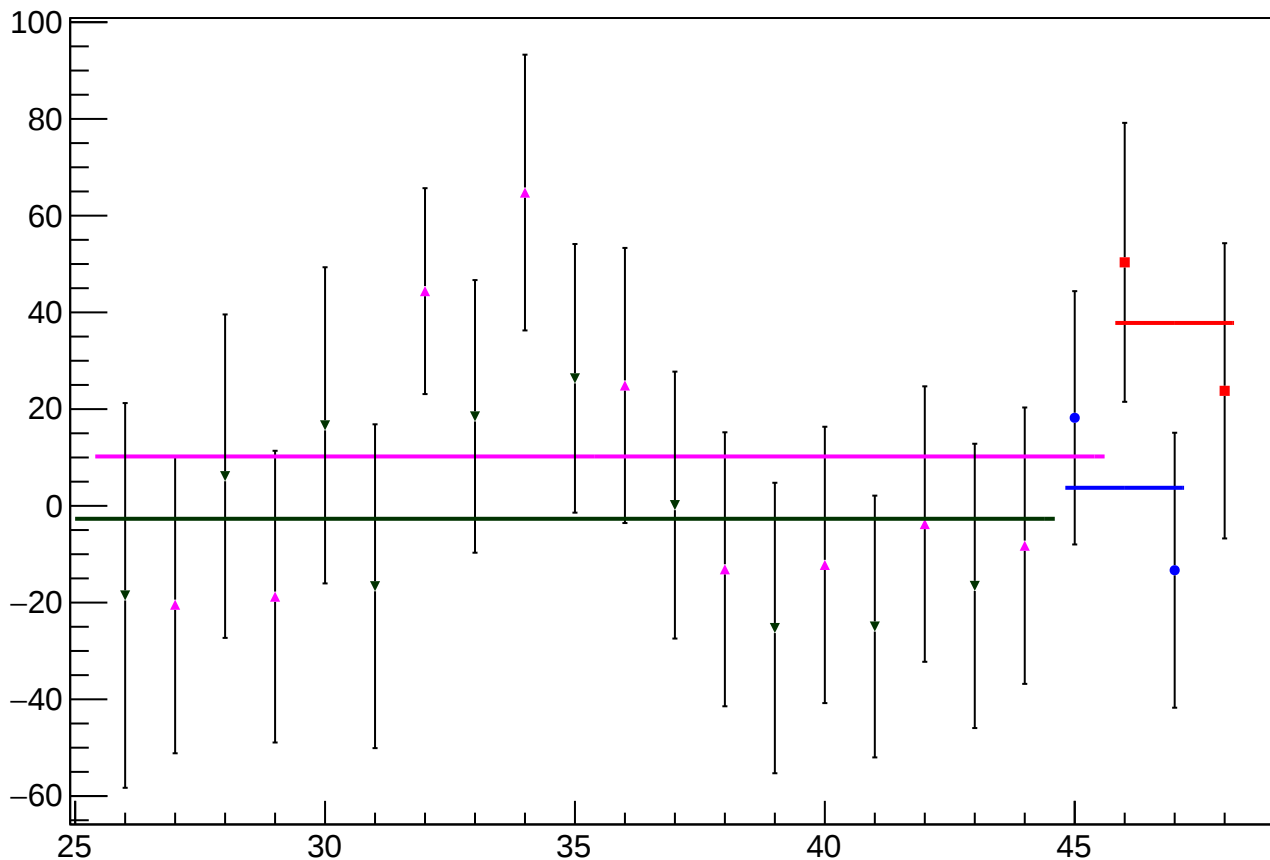
Left Out: 127.192 $\pm$ 0.040 χ^2 /NDF: 197485.8/9

Right Out: 139.049 $\pm$ 0.104 χ^2 /NDF: 4539.5/1

Left In: 118.423 $\pm$ 0.036 χ^2 /NDF: 379462.7/8

125.200 $\pm$ 0.025 χ^2 /NDF: 886199.1/22

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 3.735 +/- 19.260 χ^2/NDF : 0.7/1

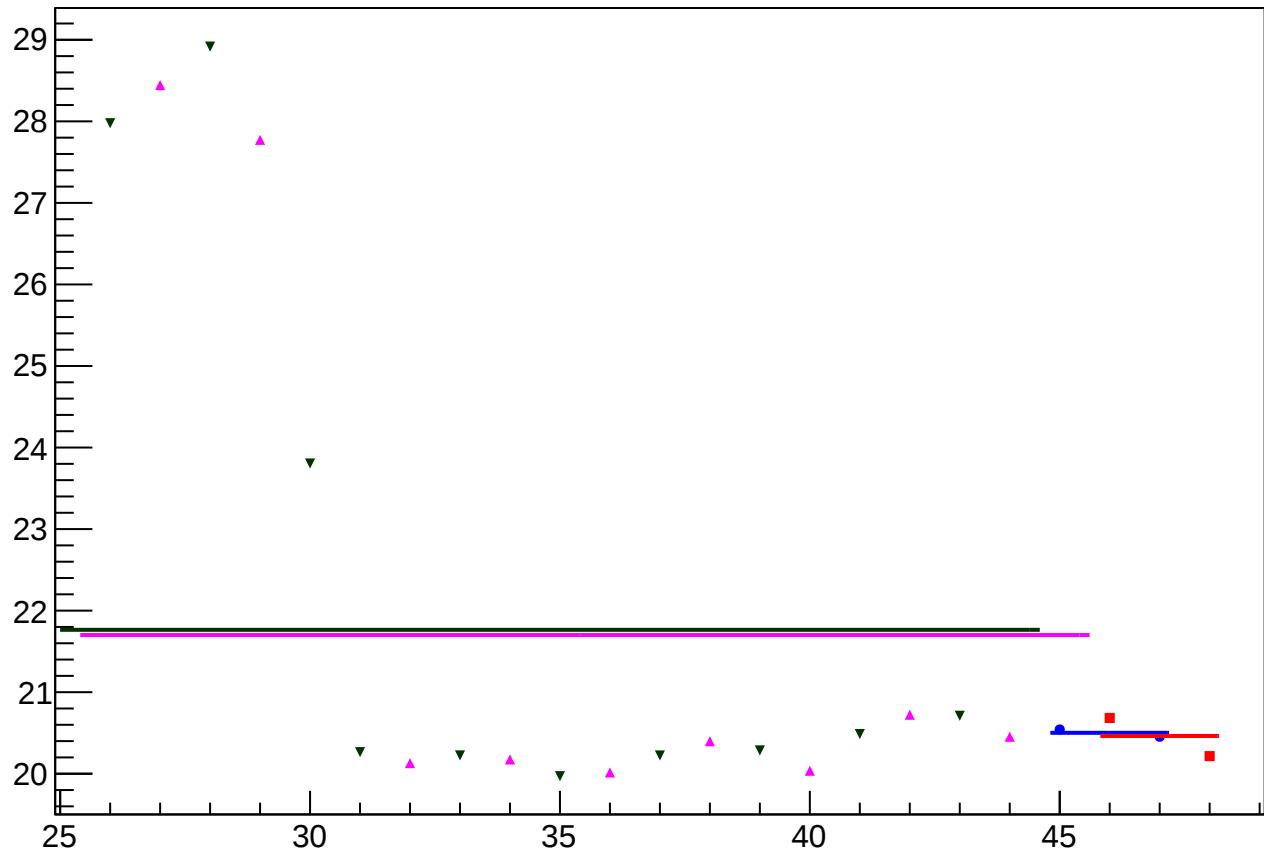
Left Out: -2.673 +/- 9.598 χ^2/NDF : 3.9/9

Right Out: 37.817 +/- 20.961 χ^2/NDF : 0.4/1

Left In: 10.212 +/- 9.220 χ^2/NDF : 10.4/8

6.786 +/- 6.020 χ^2/NDF : 18.7/22

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.502 $\pm$ 0.014 χ^2/NDF : 10.8/1

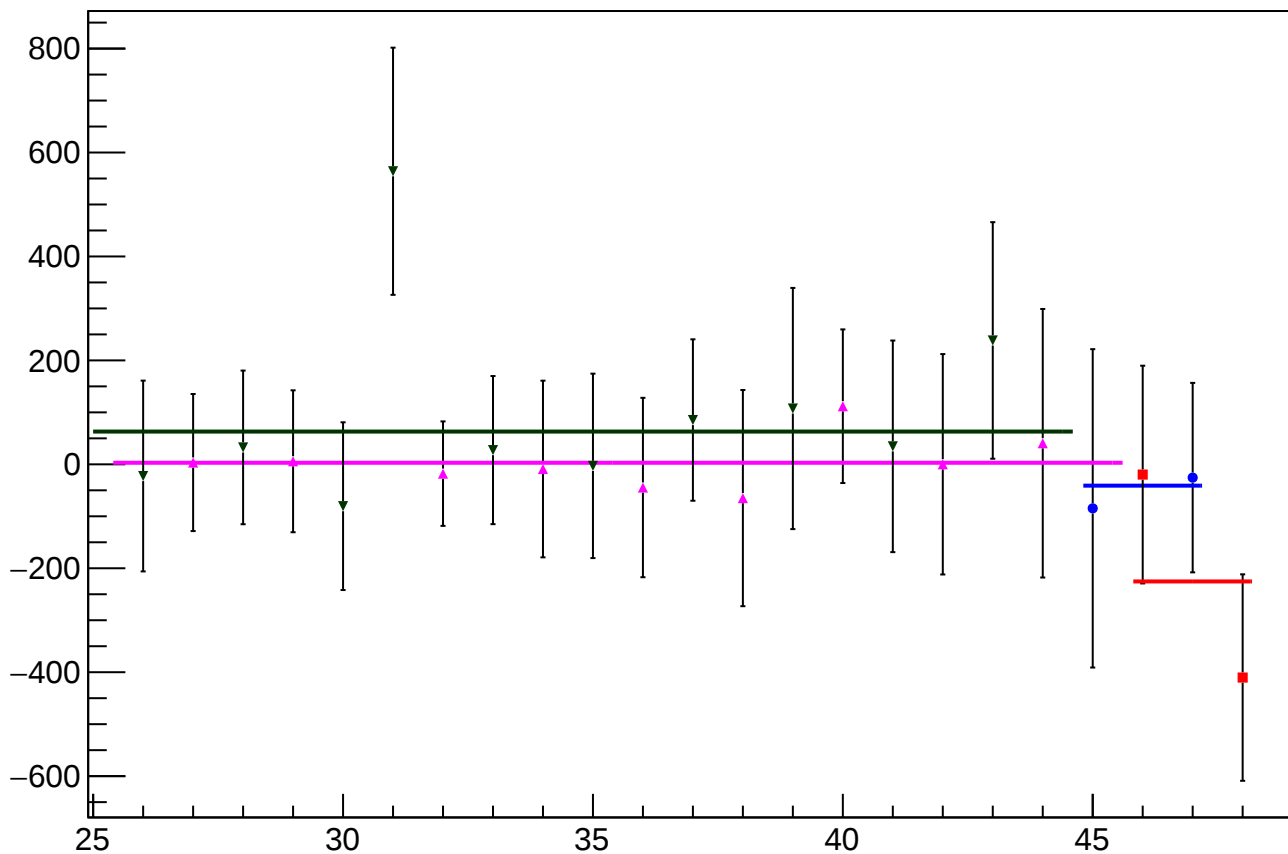
Left Out: 21.765 $\pm$ 0.007 χ^2/NDF : 184541.8/9

Right Out: 20.463 $\pm$ 0.015 χ^2/NDF : 248.8/1

Left In: 21.701 $\pm$ 0.007 χ^2/NDF : 218304.5/8

21.507 $\pm$ 0.004 χ^2/NDF : 415840.1/22

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -41.028 ± 156.650 χ^2/NDF : 0.0/1

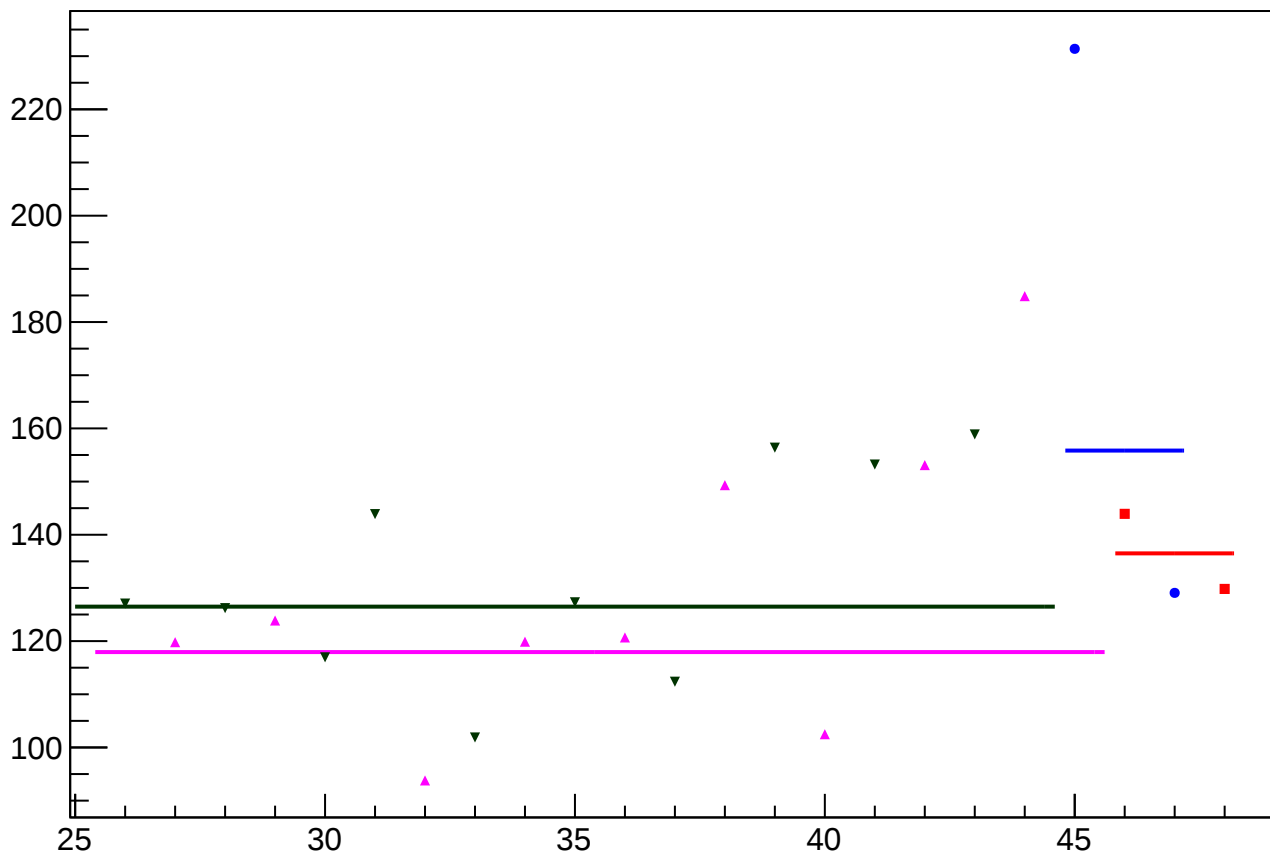
Left Out: 63.061 ± 56.257 χ^2/NDF : 6.4/9

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

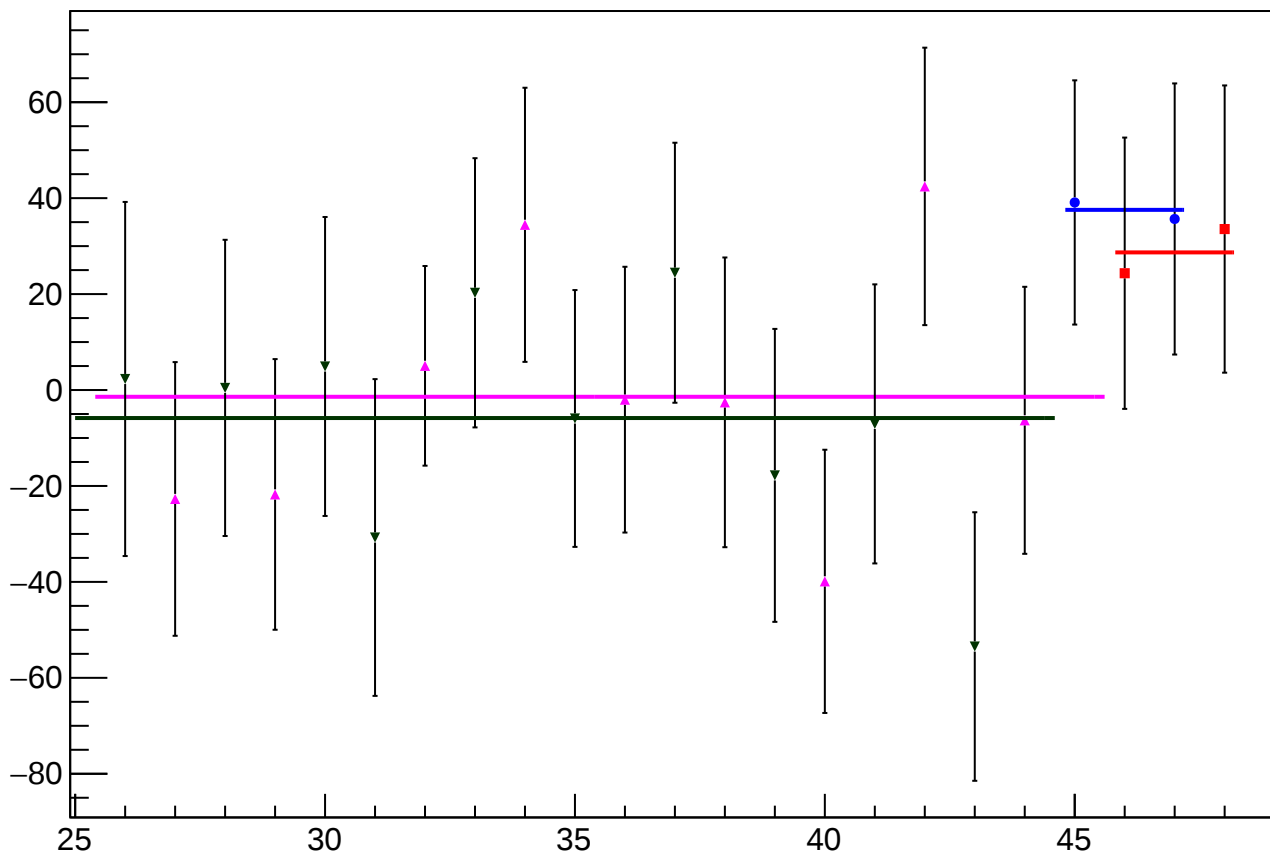
Left Out: 126.482+/-0.040 χ^2/NDF : 202065.4/9

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

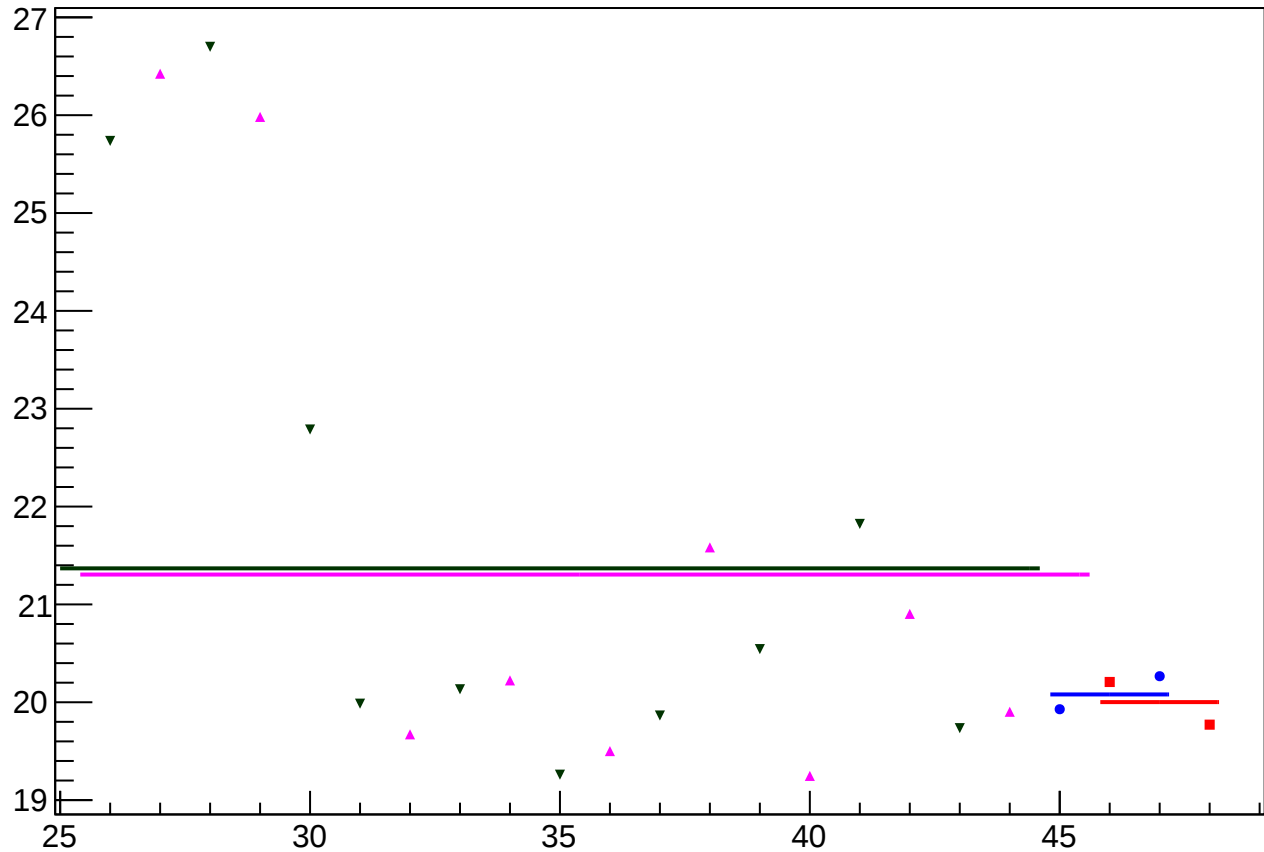
Left Out: -5.840+/-9.412 χ^2/NDF : 5.9/9

Right Out: 28.689+/-20.558 χ^2/NDF : 0.1/1

Left In: -1.409+/-9.041 χ^2/NDF : 7.0/8

3.128+/-5.905 χ^2/NDF : 19.1/22

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080 $\pm$ 0.013 χ^2 /NDF: 157.4/1

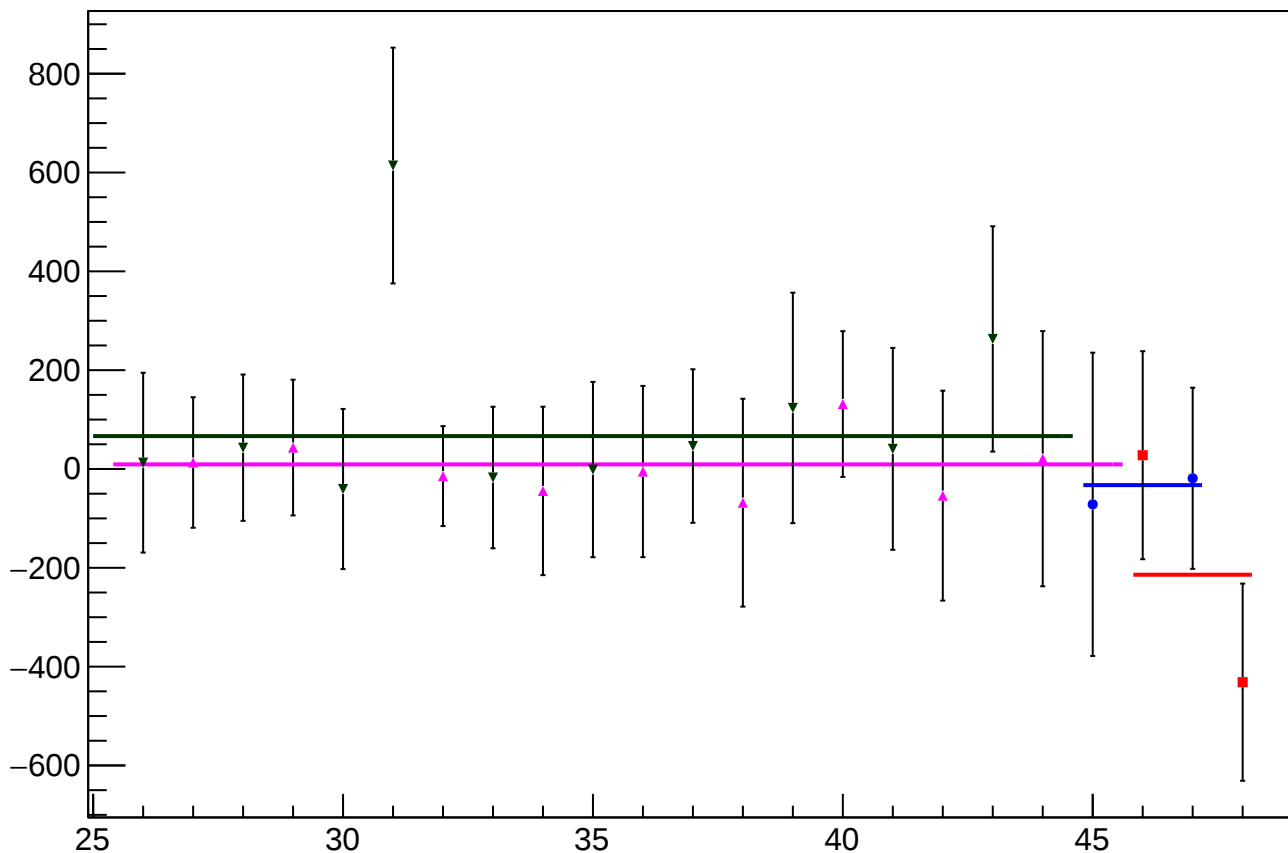
Left Out: 21.368 $\pm$ 0.007 χ^2 /NDF:126487.8/9

21.103 $\pm$ 0.004 χ^2 /NDF: 300969.5/22

Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 224.3/1

Left In: 21.305 $\pm$ 0.006 χ^2 /NDF:159917.2/8

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -32.650+/-157.363 χ^2/NDF : 0.0/1

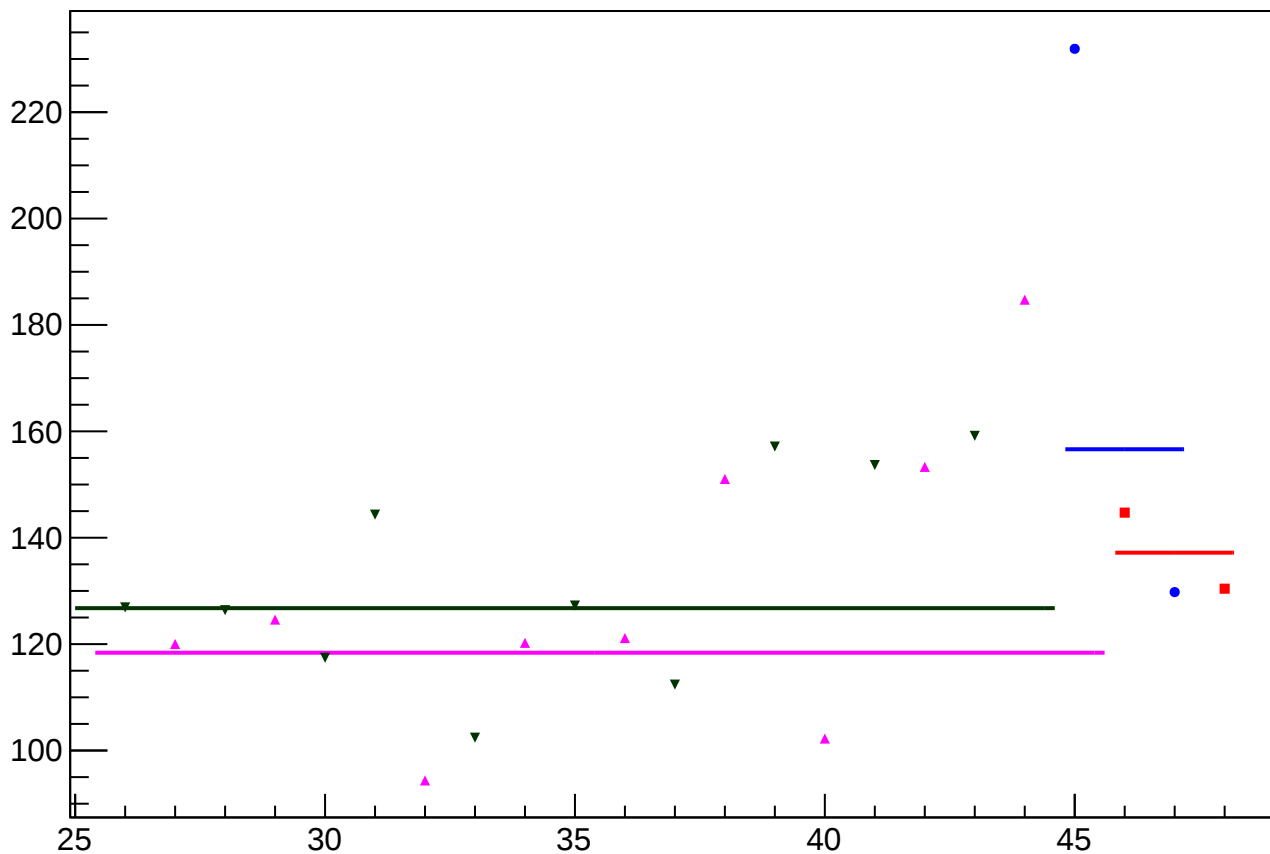
Left Out: 66.532+/-56.339 χ^2/NDF : 7.1/9

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

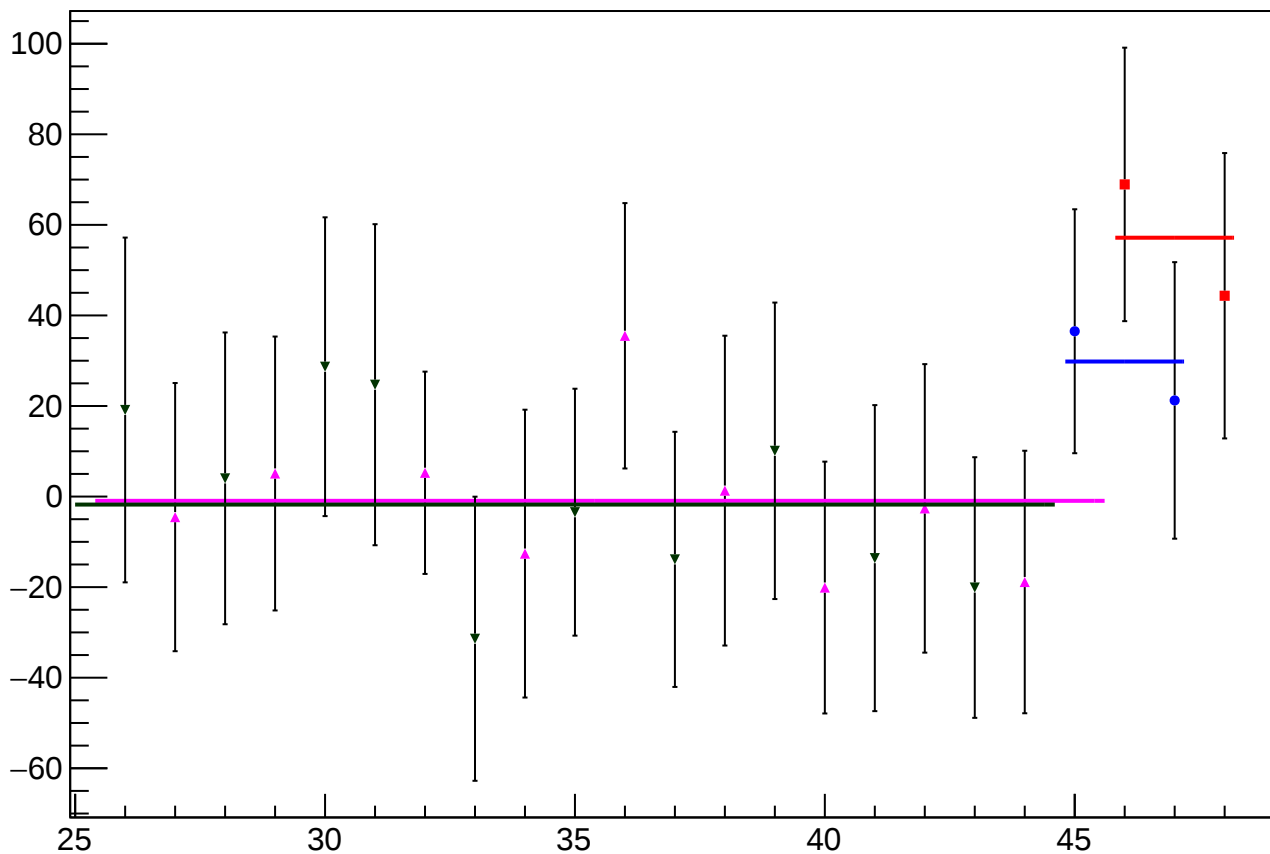
Left Out: 126.761+/-0.040 χ^2/NDF : 201460.1/9

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

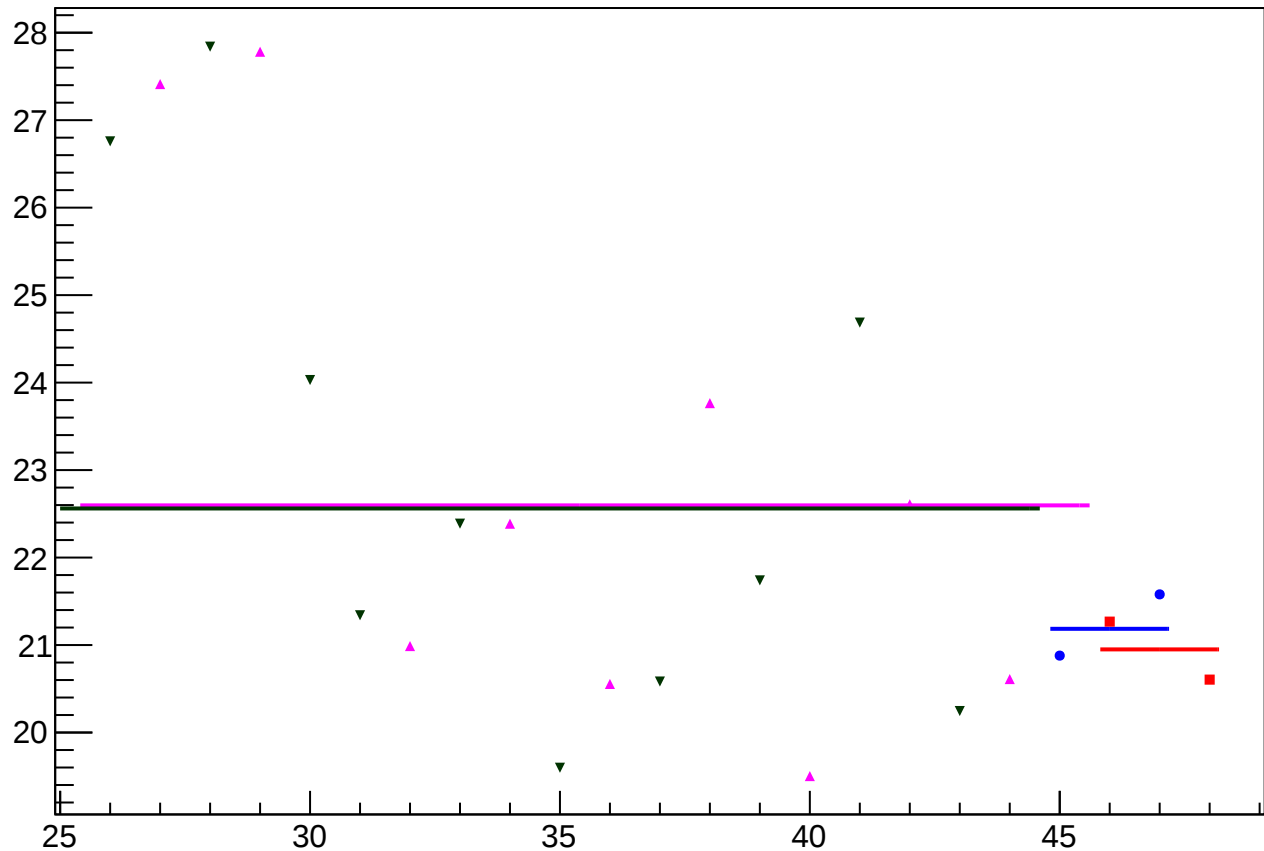
Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF: 3.5/9

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

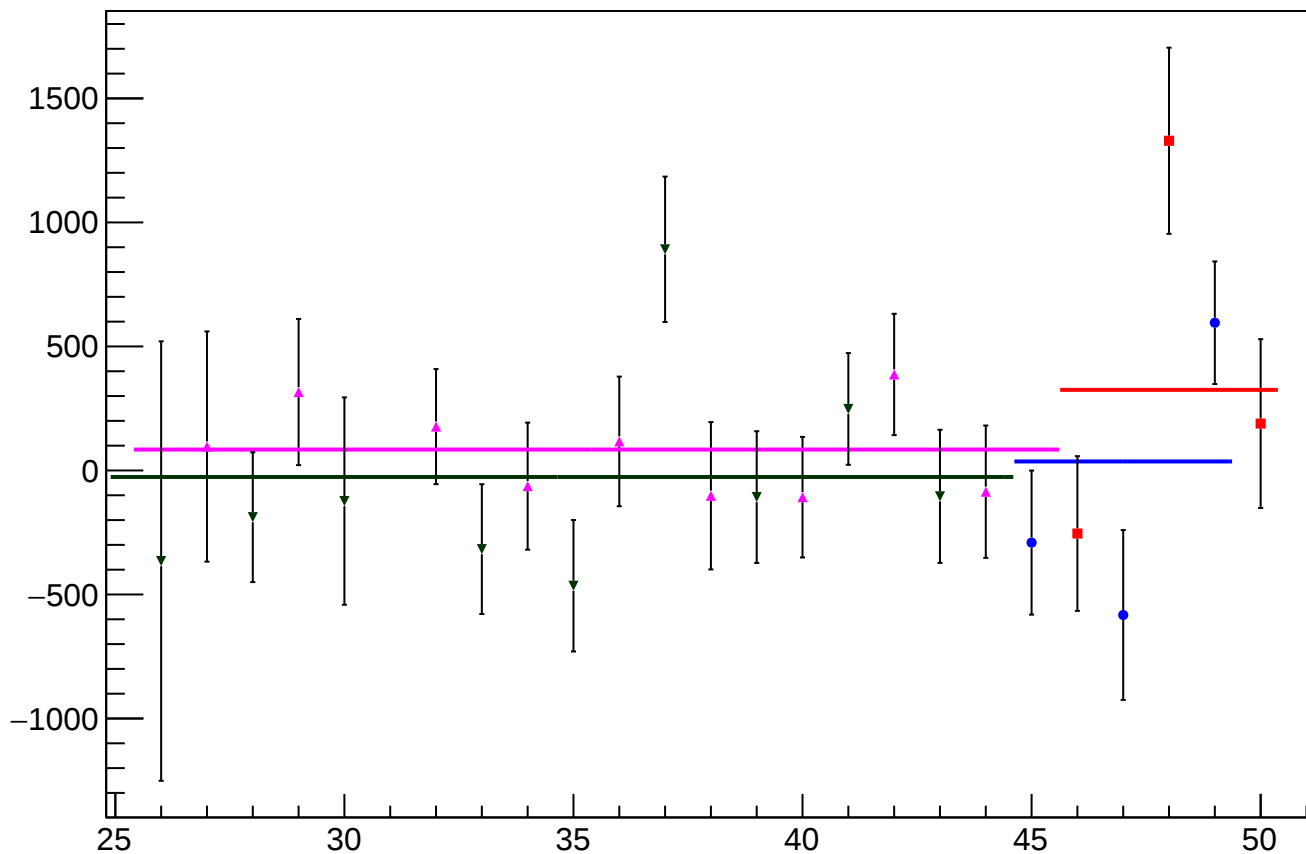
Left Out: 22.561 $\pm$ 0.007 χ^2 /NDF:140006.3/9

22.309 $\pm$ 0.004 χ^2 /NDF: 326404.5/22

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

asym_sam_15_avg_mean vs slug



Right In: 36.290+/-164.945 χ^2/NDF : 9.7/2

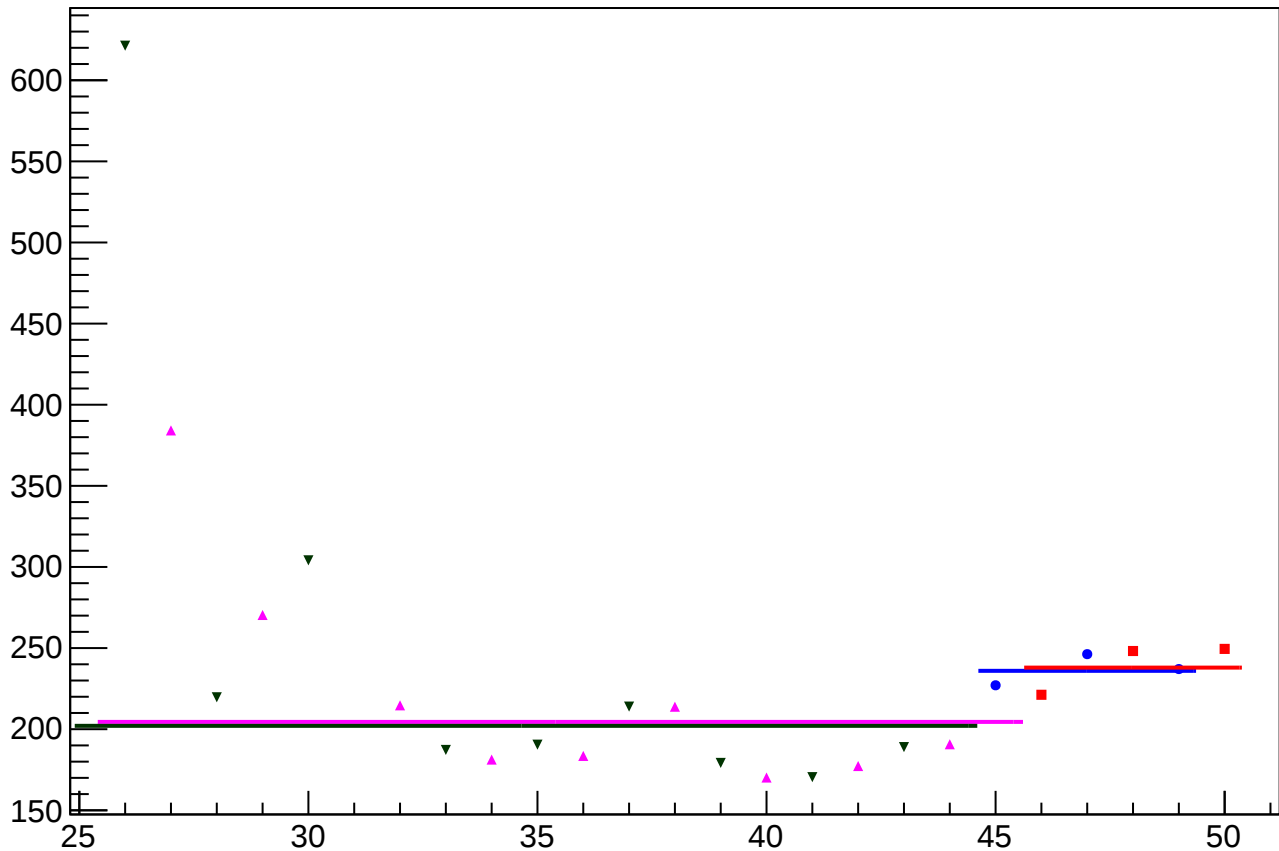
Left Out: -26.215+/-95.391 χ^2/NDF : 16.0/8

Right Out: 324.968+/-196.050 χ^2/NDF : 10.8/2

Left In: 84.239+/-89.930 χ^2/NDF : 4.1/8

58.464+/-58.092 χ^2/NDF : 43.3/23

asym_sam_15_avg_rms vs slug



Right In: 235.975+/-0.117 χ^2/NDF : 3725.9/2

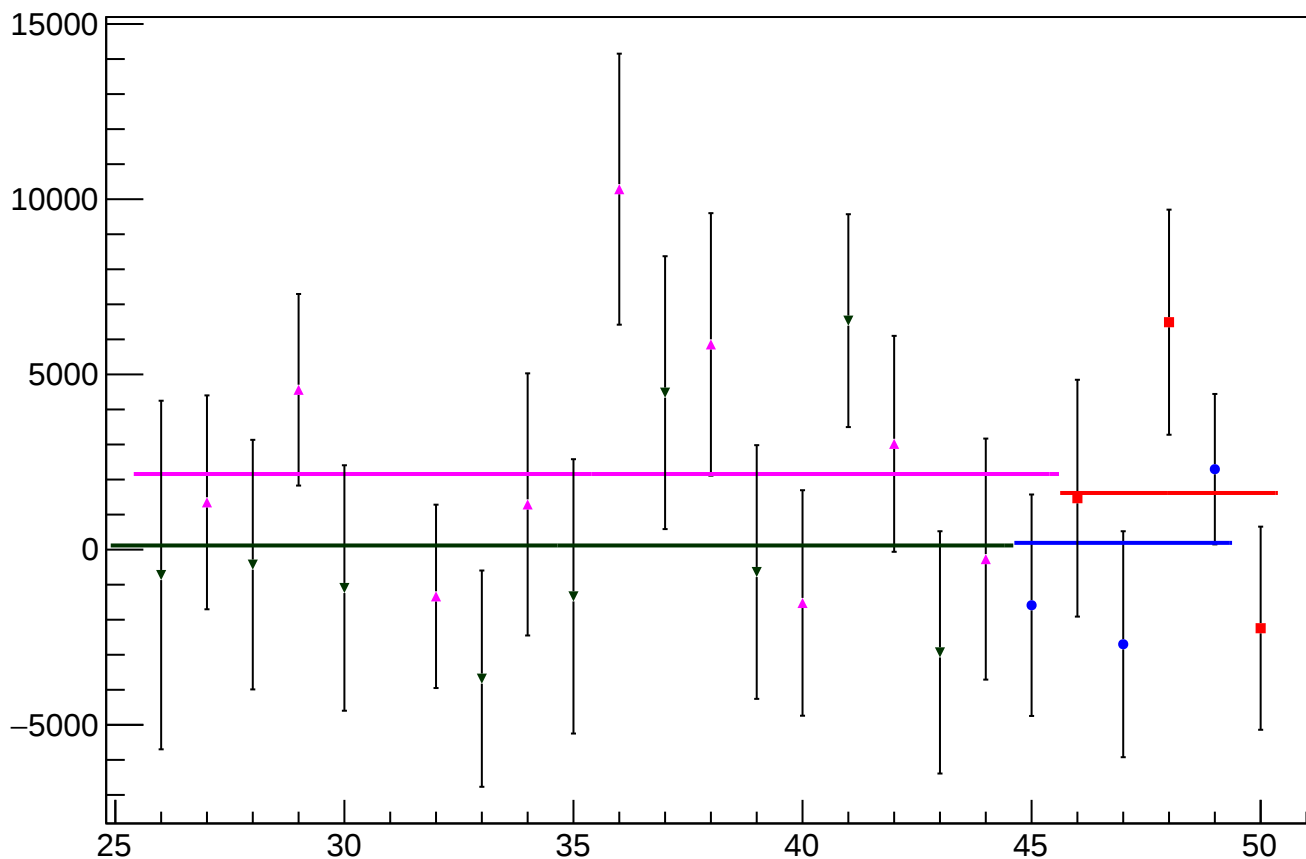
Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

210.442+/-0.041 χ^2/NDF : 1278266.9/23

Right Out: 237.961+/-0.139 χ^2/NDF : 9548.5/2

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

asym_sam_26_avg_mean vs slug



Right In: 193.011+/-1555.302 χ^2/NDF : 2.1/2

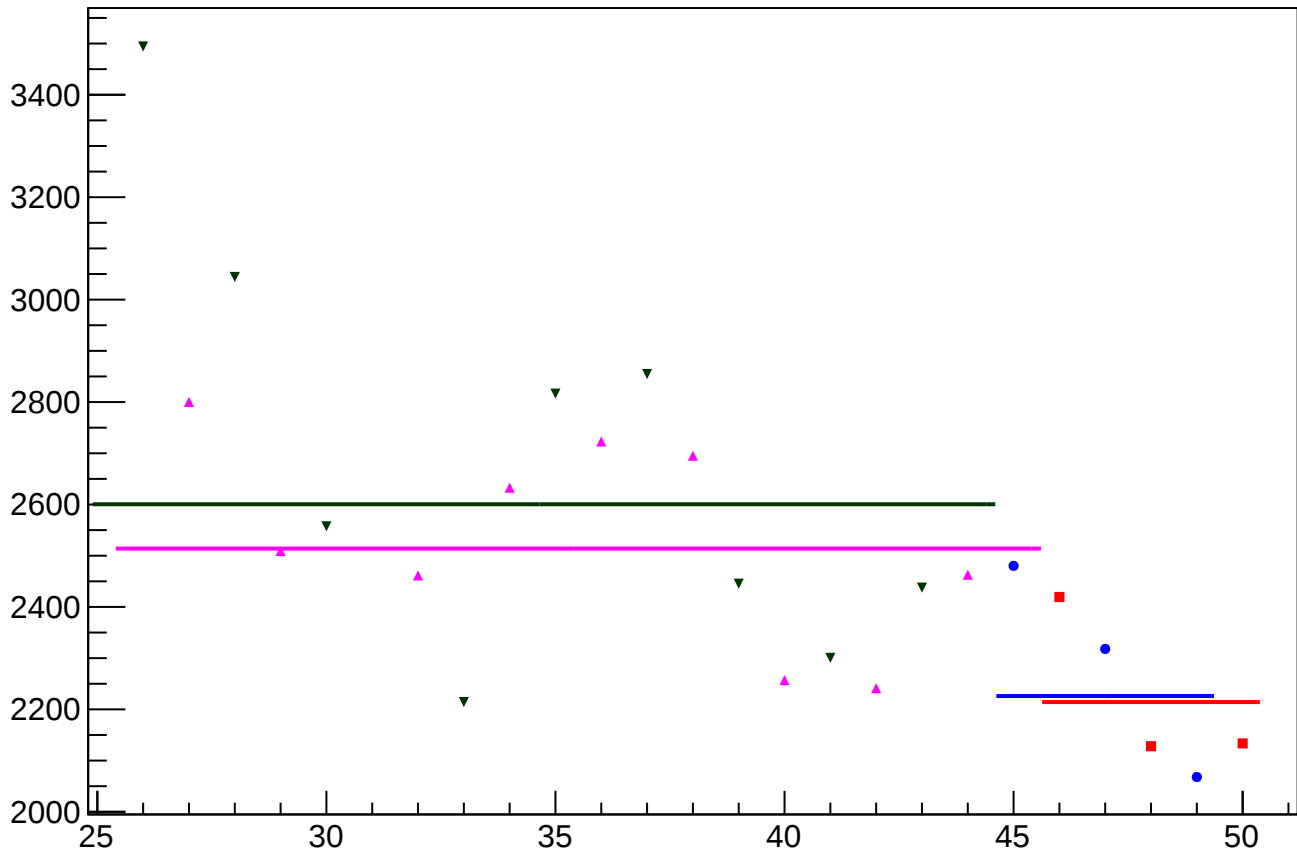
Left Out: 118.708+/-1190.644 χ^2/NDF : 8.4/8

Right Out: 1616.690+/-1815.041 χ^2/NDF : 4.1/2

Left In: 2158.051+/-1063.969 χ^2/NDF : 10.0/8

1110.554+/-658.563 χ^2/NDF : 26.6/23

asym_sam_26_avg_rms vs slug



Right In: 2225.989+/-1.100 χ^2/NDF : 25422.8/2

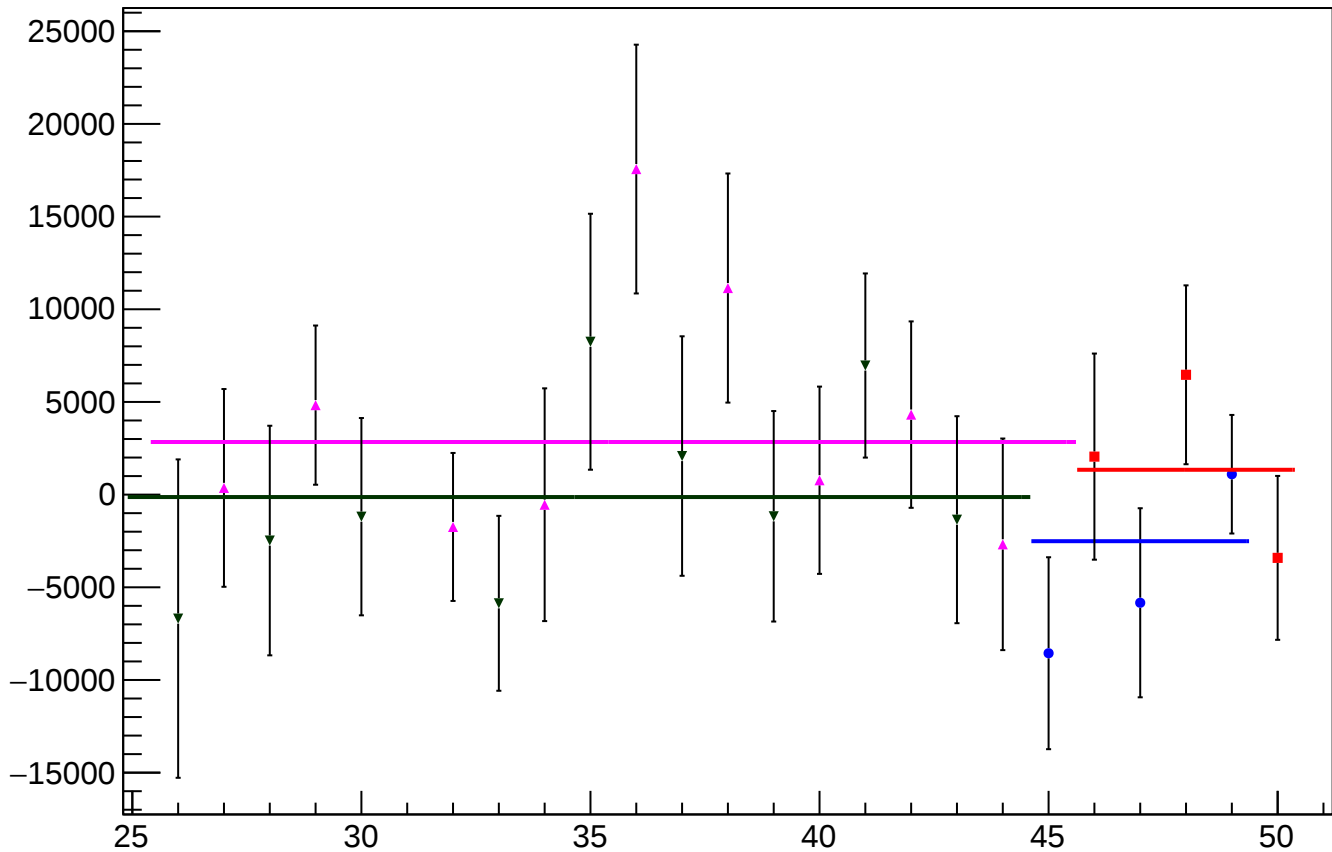
Left Out: 2600.445+/-0.842 χ^2/NDF :169500.1/8

2449.323+/-0.466 χ^2/NDF : 379489.3/23

Right Out: 2214.241+/-1.283 χ^2/NDF : 10364.1/2

Left In: 2513.944+/-0.752 χ^2/NDF :59815.8/8

asym_sam_37_avg_mean vs slug



Right In: -2512.371+/-2400.814 χ^2/NDF : 3.1/2

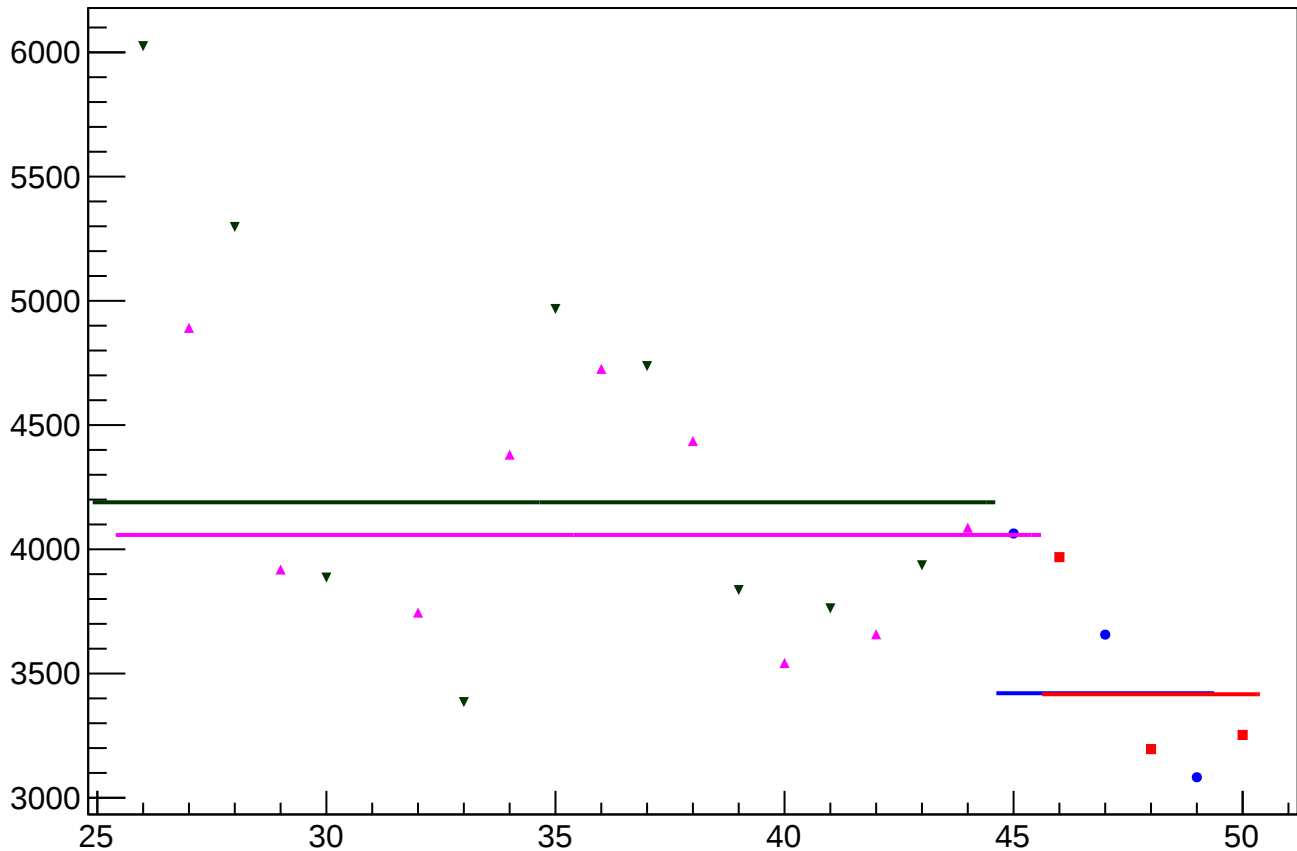
Left Out: -130.759+/-1930.273 χ^2/NDF : 6.0/8

719.684+/-1051.984 χ^2/NDF : 24.7/23

Right Out: 1340.146+/-2812.131 χ^2/NDF : 2.3/2

Left In: 2838.910+/-1727.020 χ^2/NDF : 9.8/8

asym_sam_37_avg_rms vs slug



Right In: 3420.795+/-1.698 χ^2/NDF : 57461.7/2

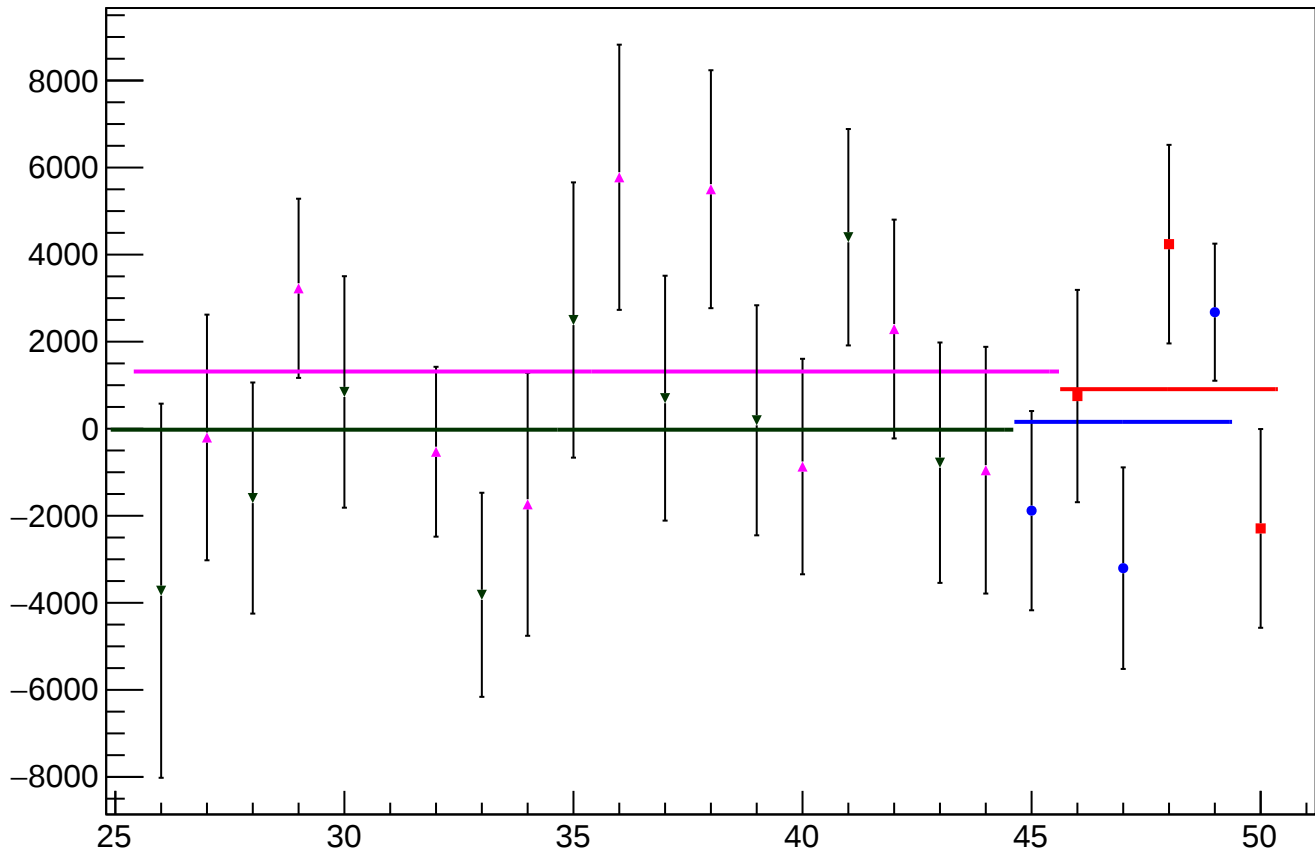
Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

3884.811+/-0.744 χ^2/NDF : 699650.7/23

Right Out: 3416.621+/-1.988 χ^2/NDF : 26619.5/2

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

asym_sam_48_avg_mean vs slug



Right In: 157.382 $\pm$ 1131.812 χ^2 /NDF: 5.5/2

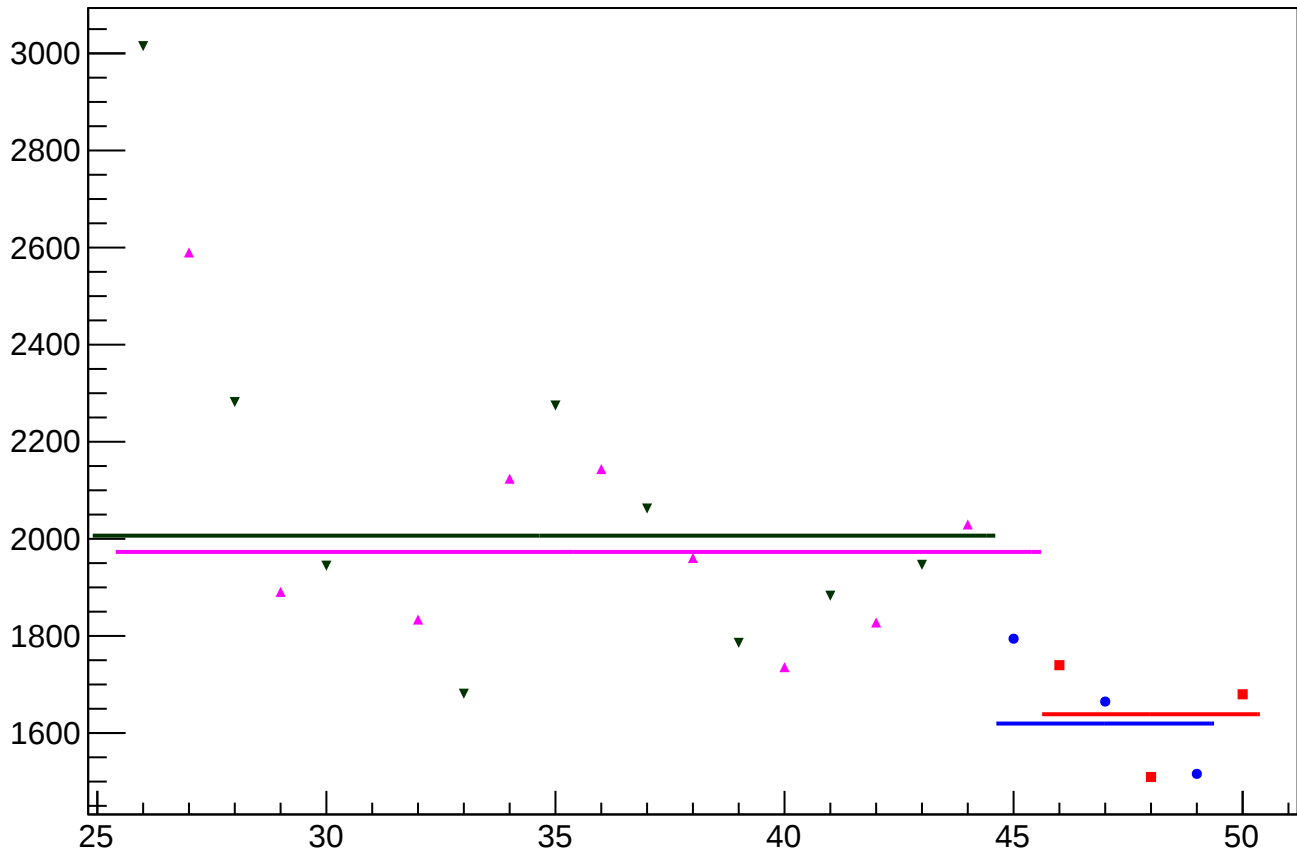
Left Out: -22.507 $\pm$ 919.850 χ^2 /NDF: 7.8/8

626.507 $\pm$ 504.048 χ^2 /NDF: 27.8/23

Right Out: 908.645 $\pm$ 1345.865 χ^2 /NDF: 4.1/2

Left In: 1314.189 $\pm$ 838.756 χ^2 /NDF: 9.1/8

asym_sam_48_avg_rms vs slug



Right In: 1619.534+/-0.800 χ^2/NDF : 21090.1/2

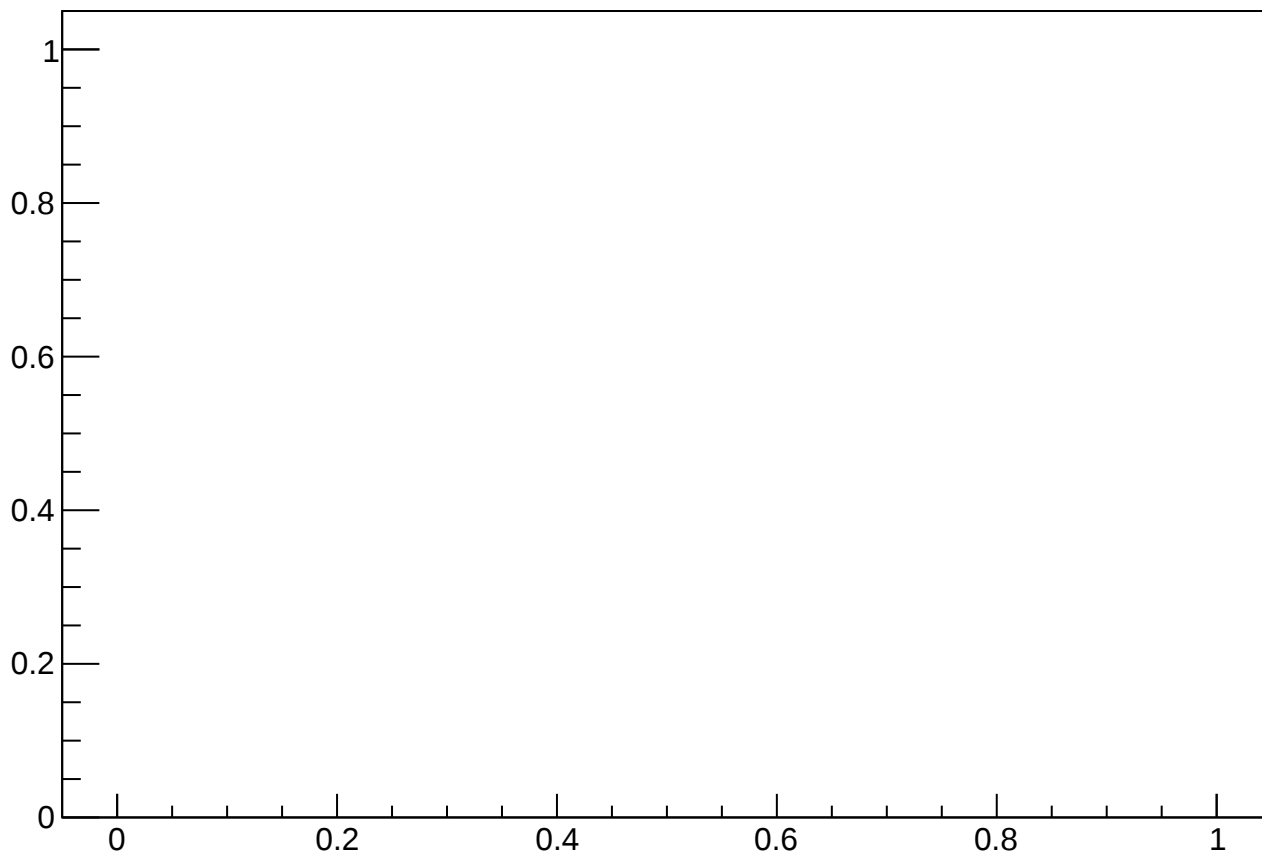
Left Out: 2006.587+/-0.650 χ^2/NDF : 206255.1/8

1866.125+/-0.356 χ^2/NDF : 615184.2/23

Right Out: 1638.744+/-0.952 χ^2/NDF : 10505.9/2

Left In: 1973.076+/-0.593 χ^2/NDF : 146156.0/8

yield_sam_15_avg_mean vs slug



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

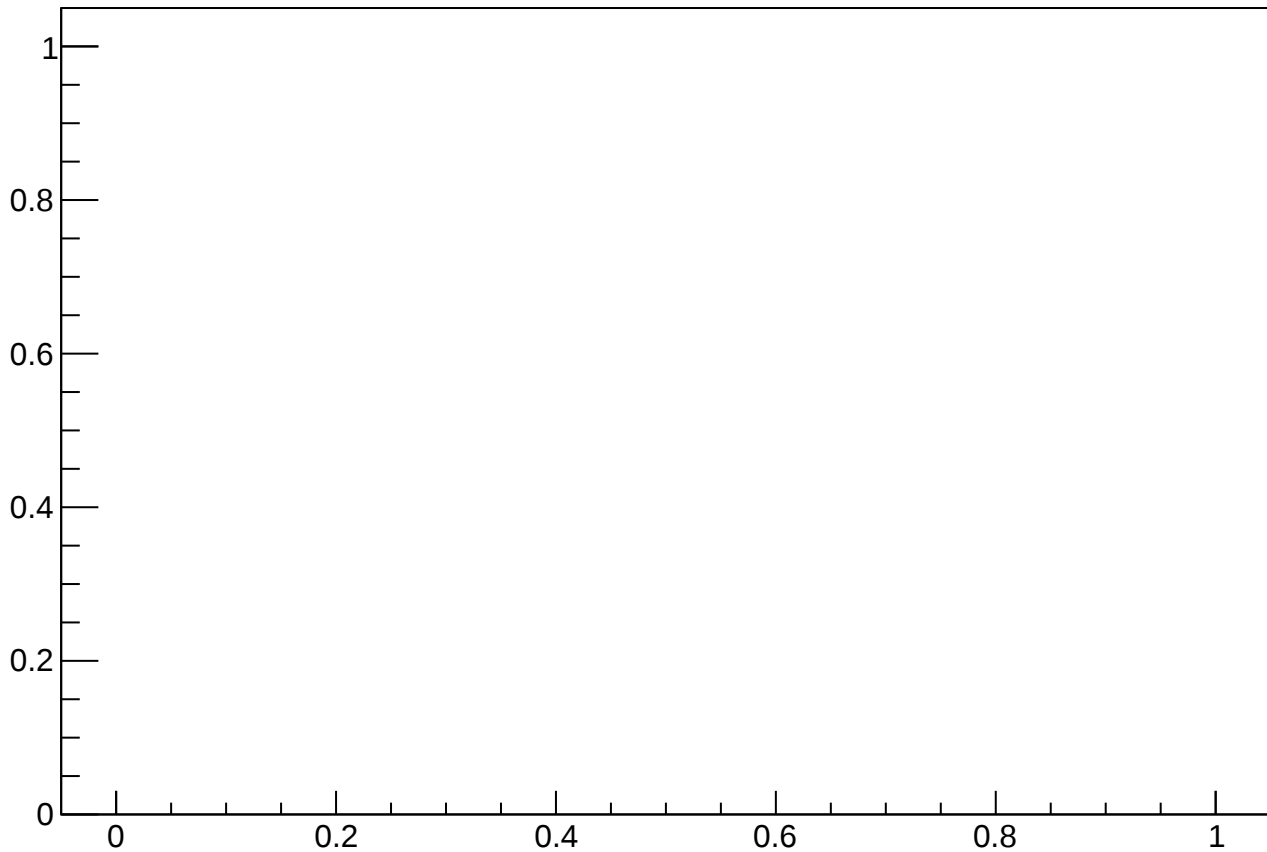
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

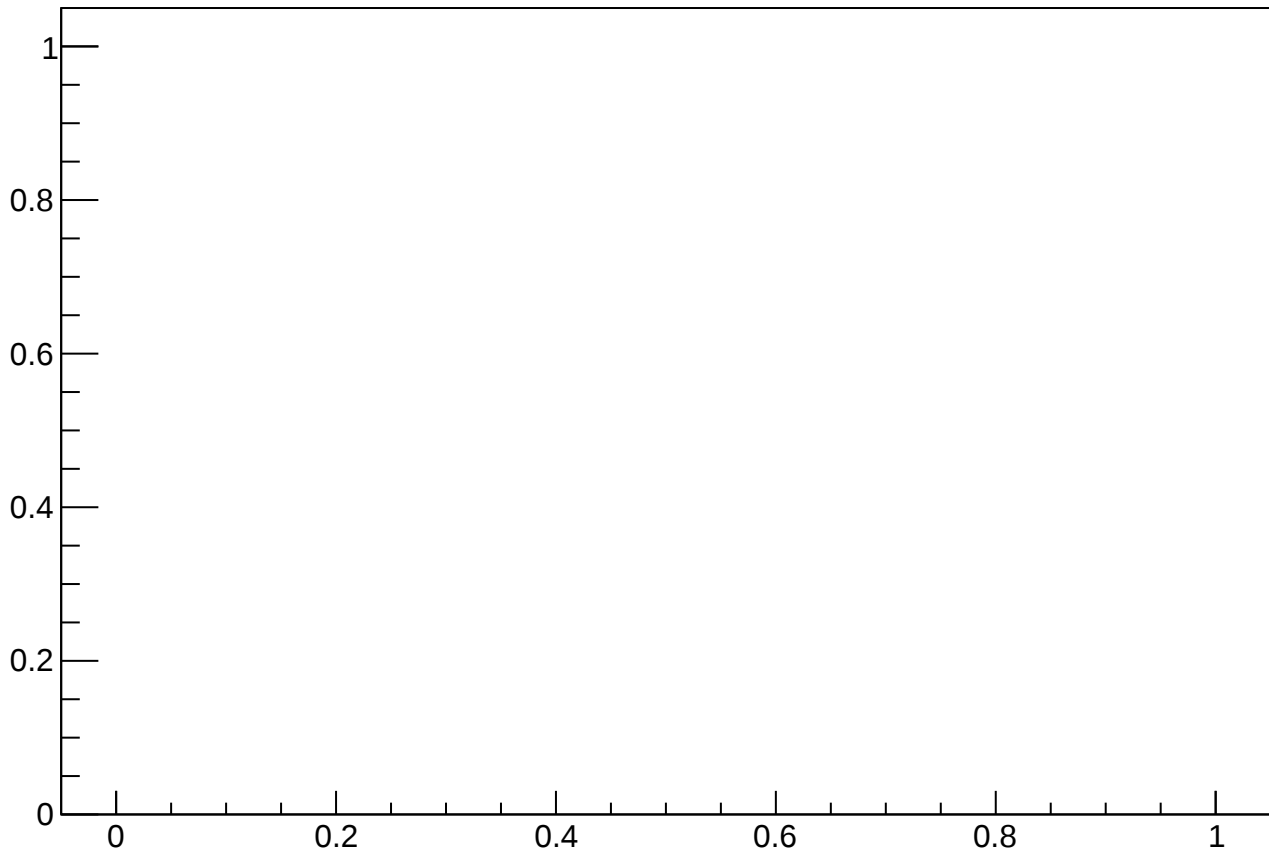
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_mean vs slug



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

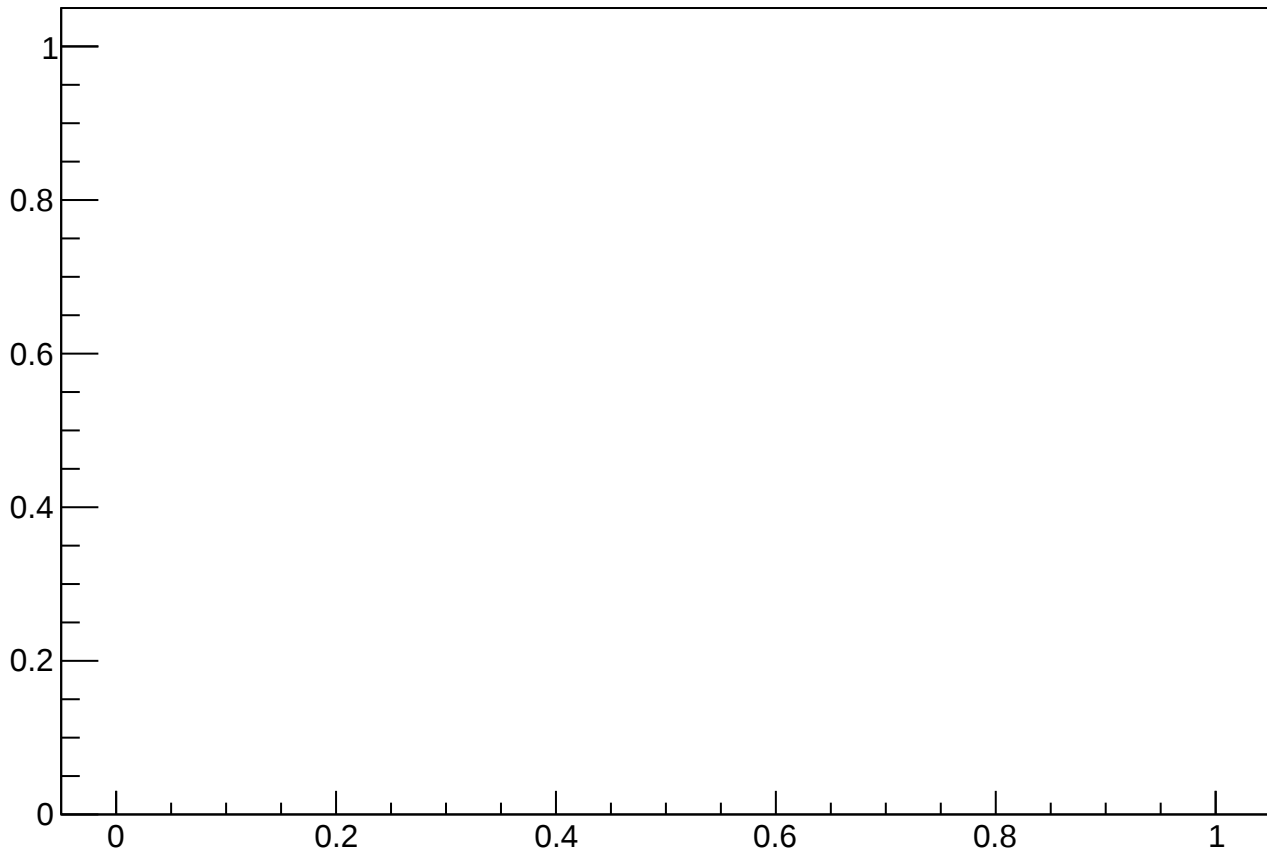
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_rms vs slug



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

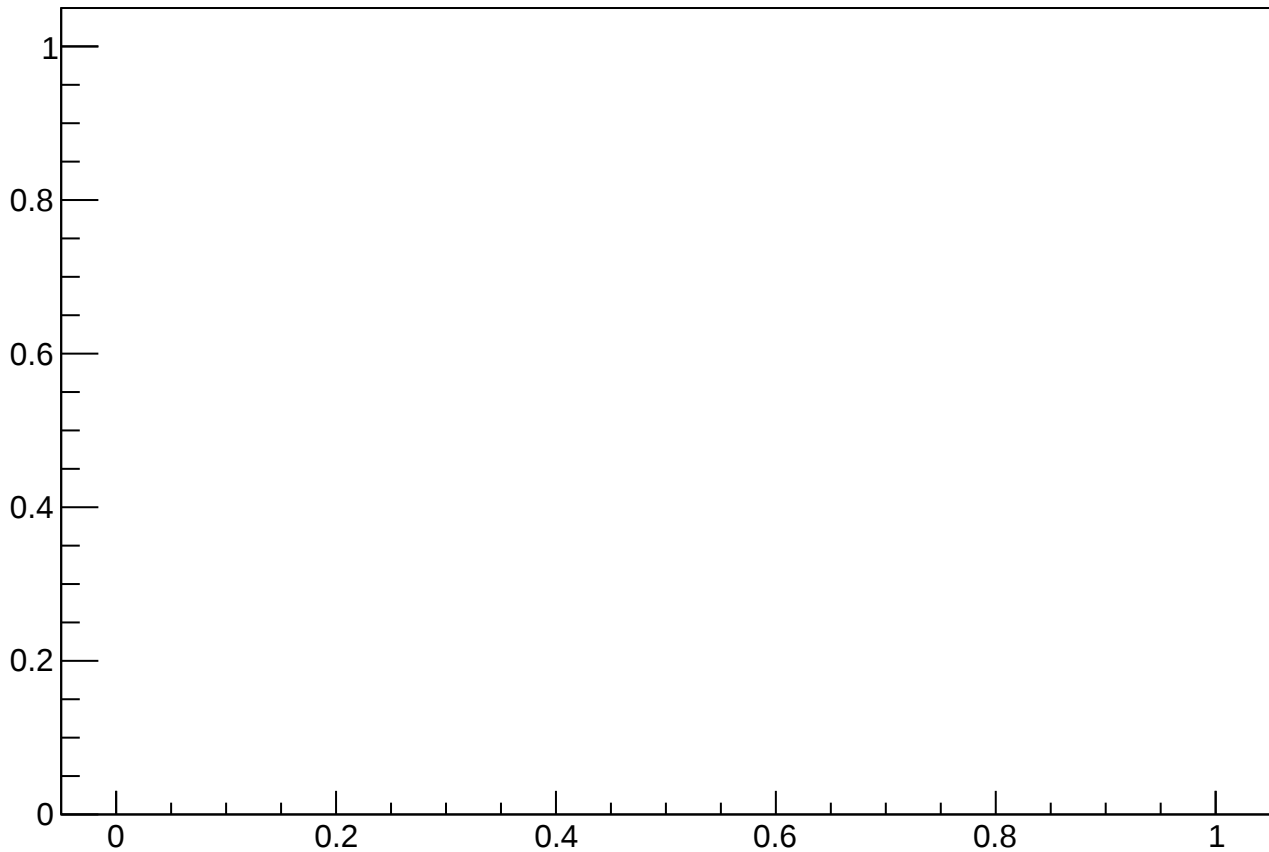
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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_avg_mean vs slug



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

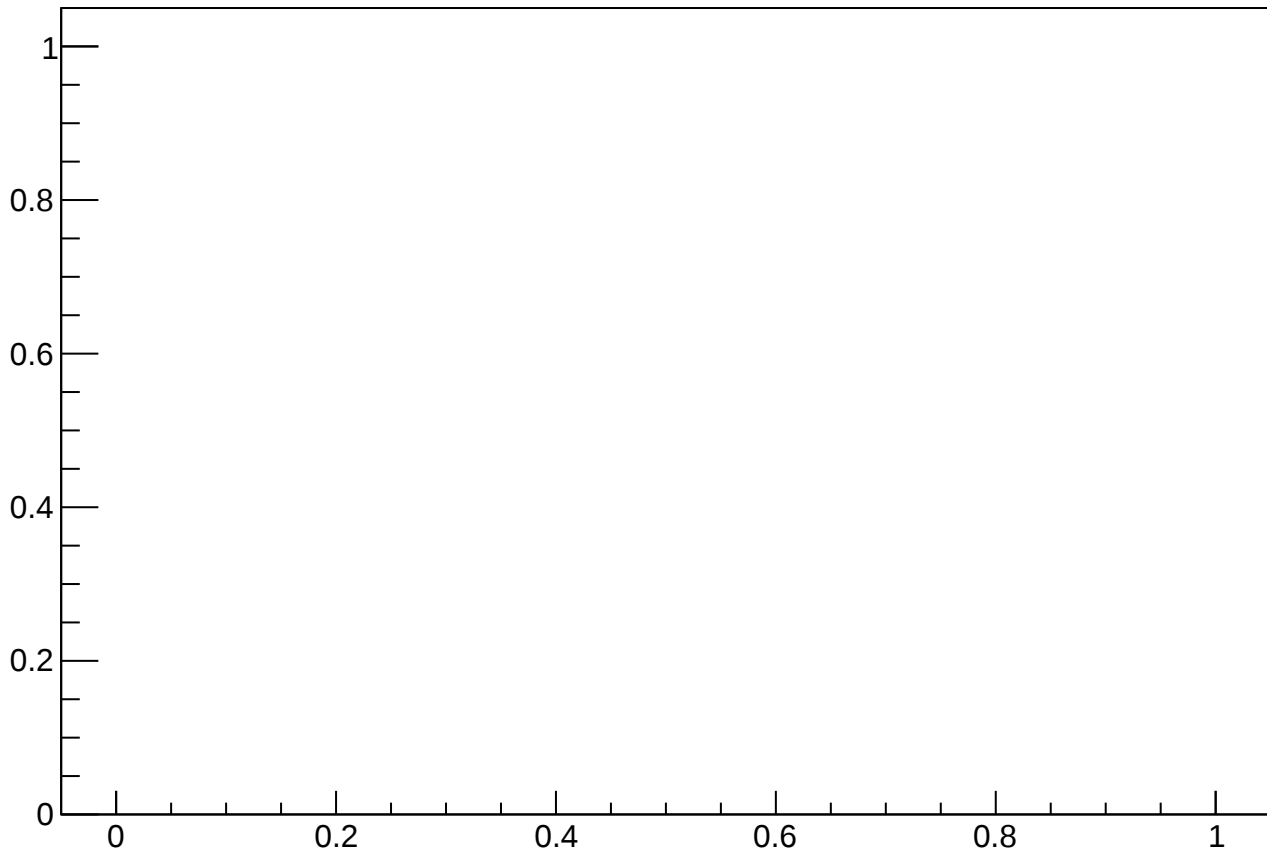
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_rms vs slug



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

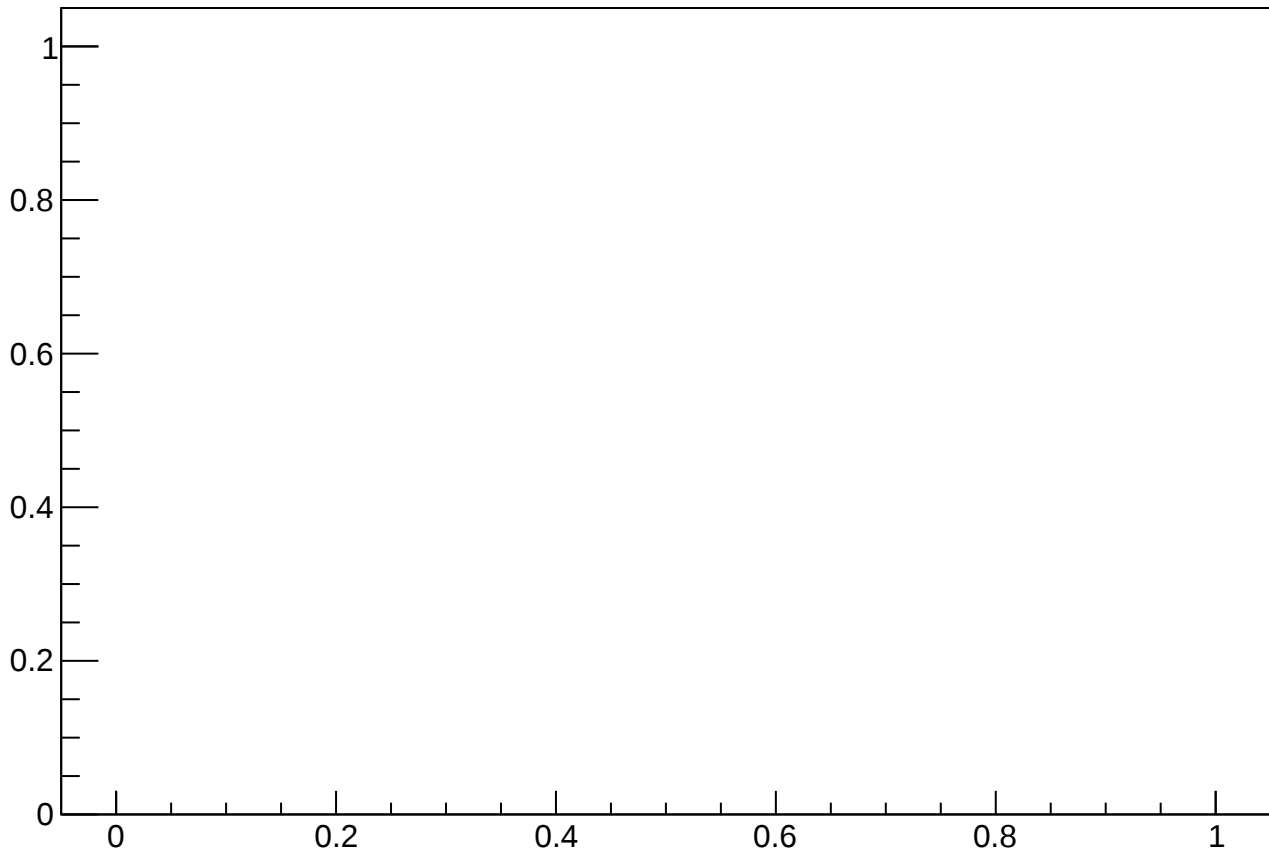
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_mean vs slug



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

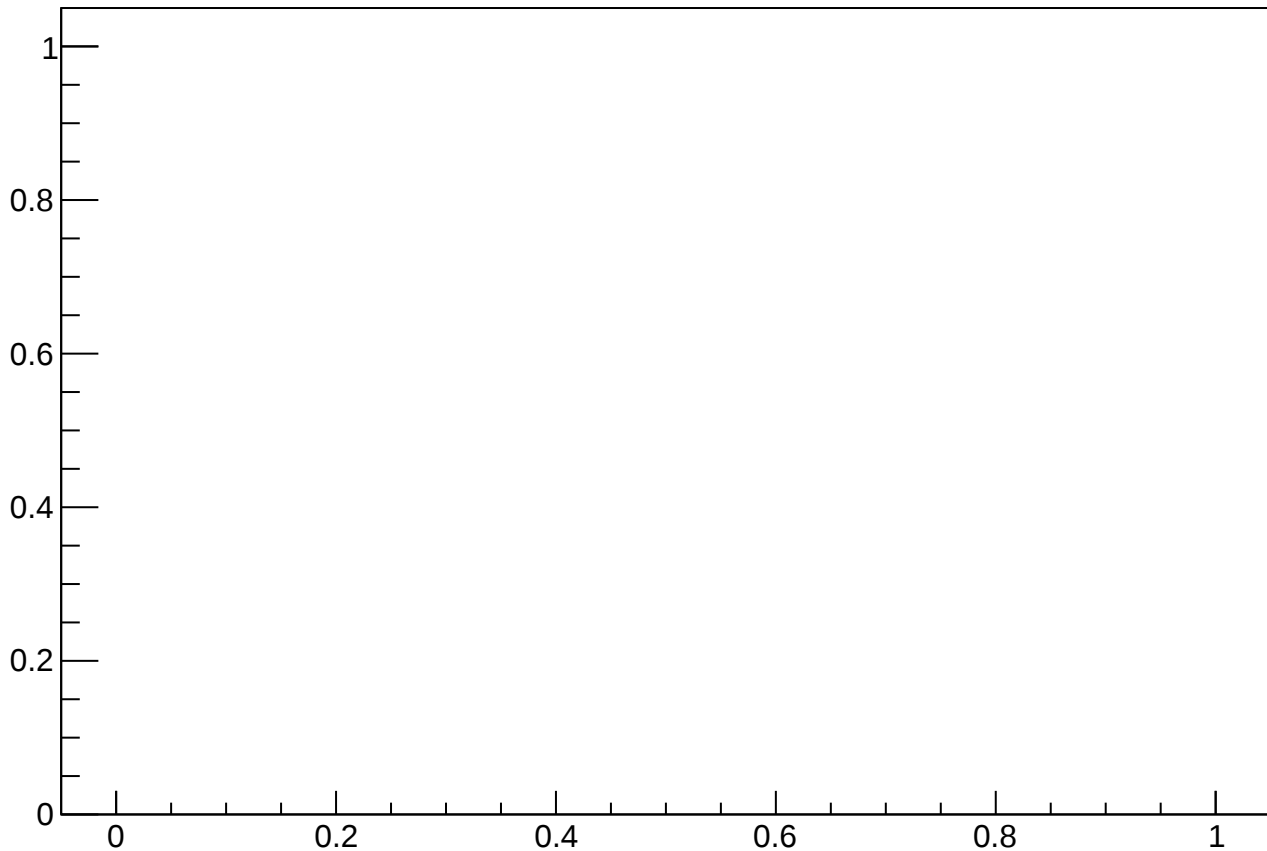
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_rms vs slug



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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_15_avg_mean vs slug



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

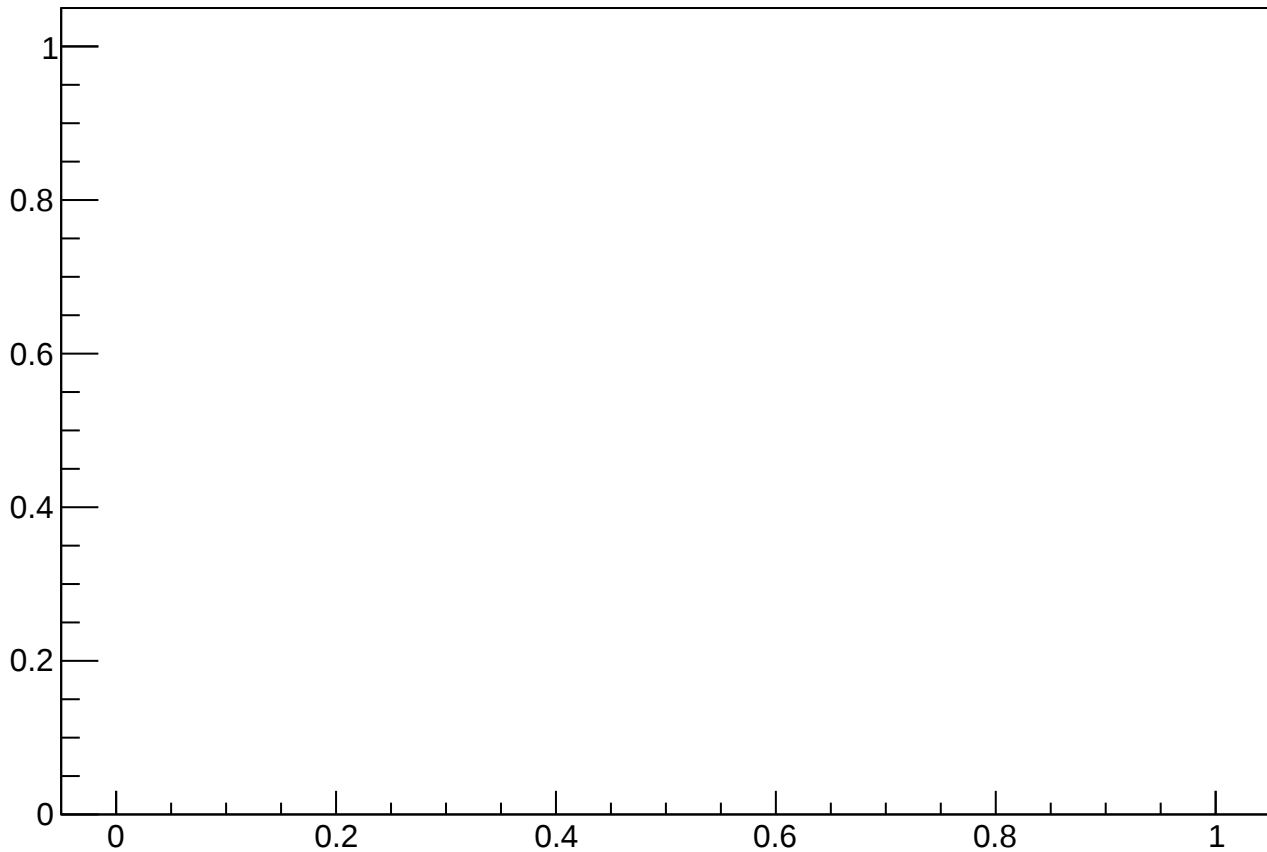
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_mean vs slug



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

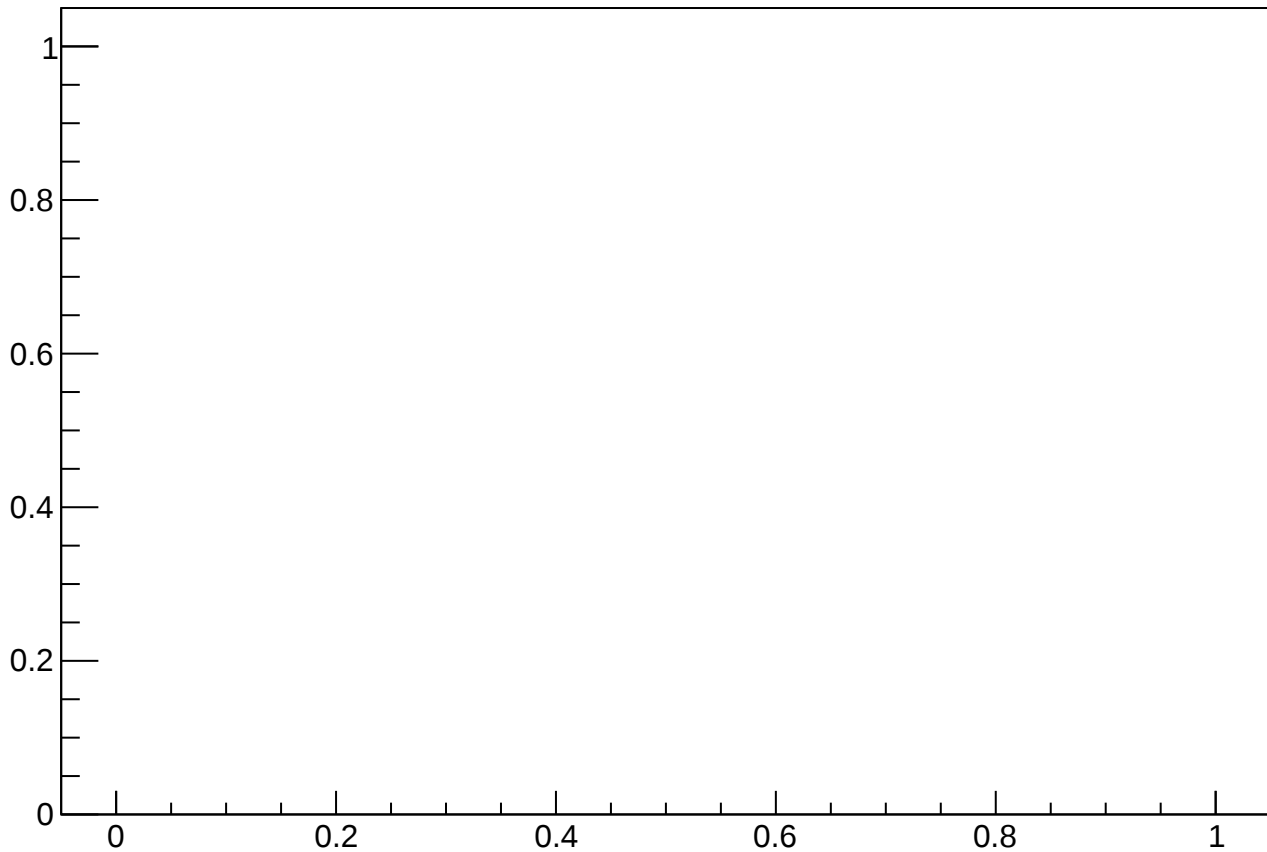
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

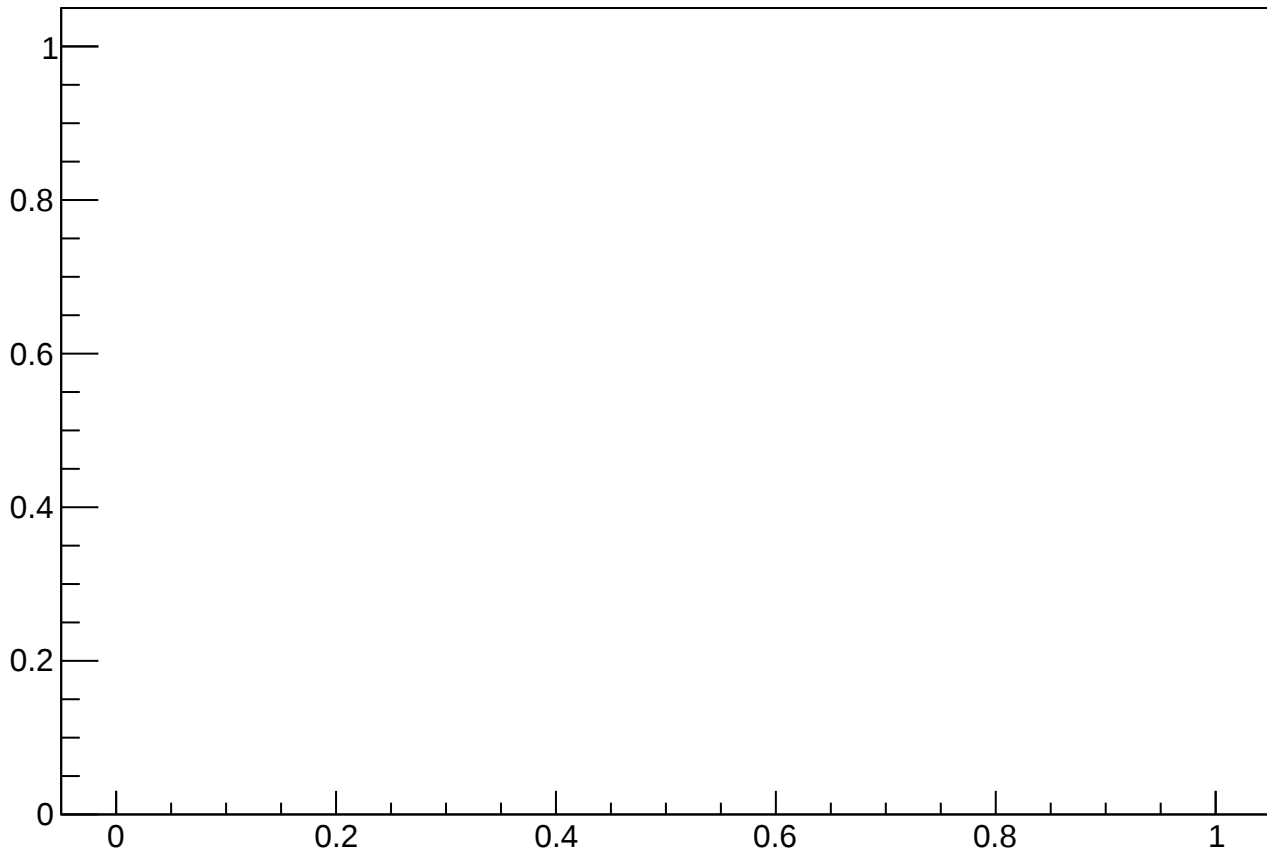
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2 /NDF: 0.0/0

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_mean vs slug



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

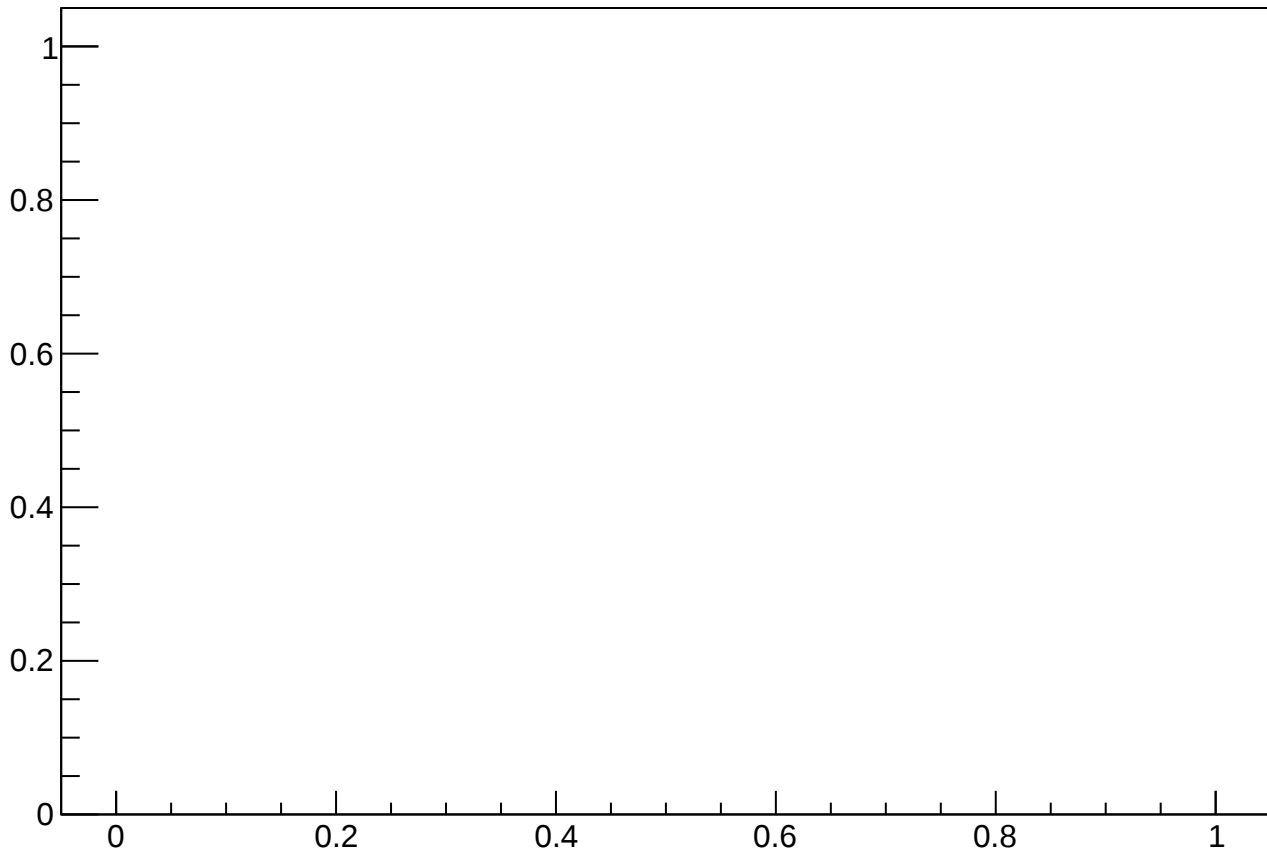
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_rms vs slug



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

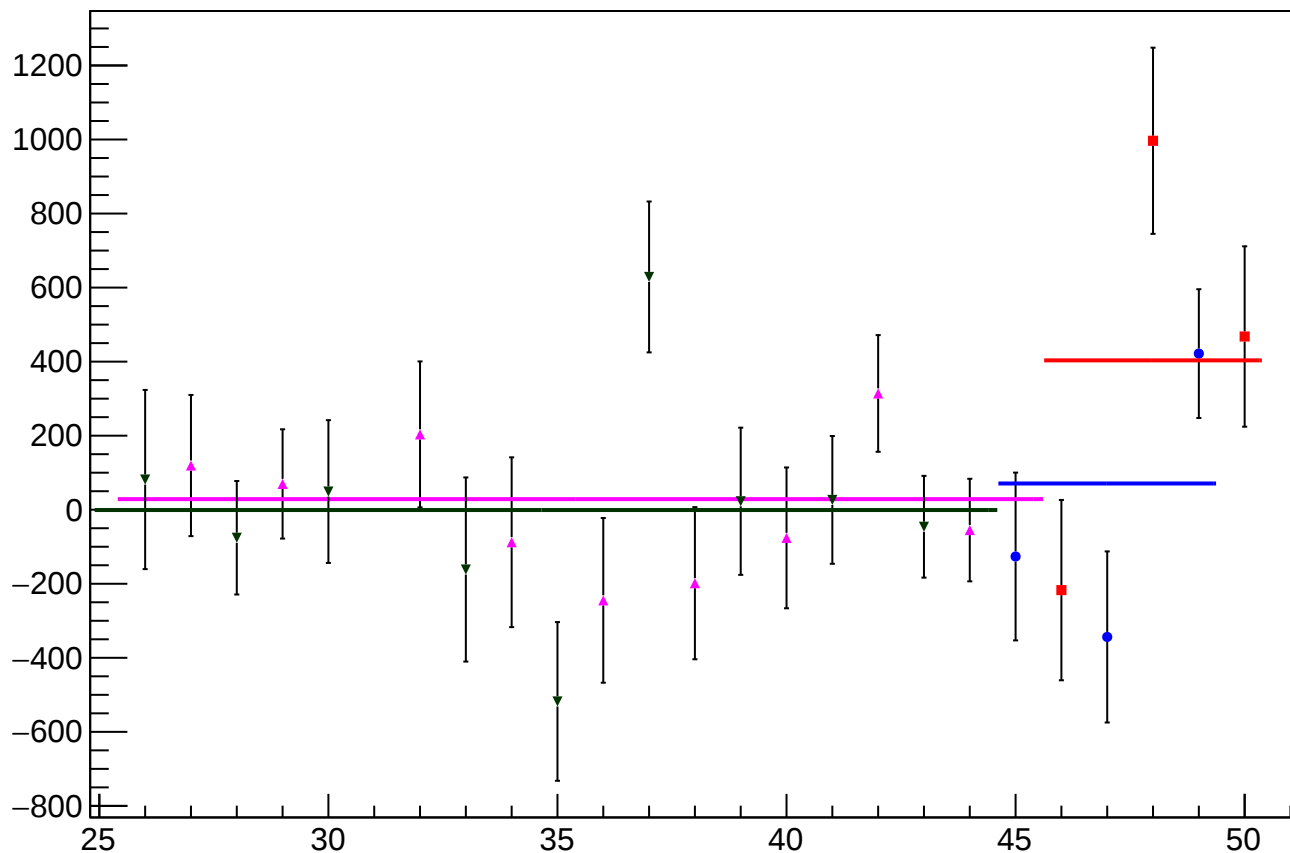
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: 70.863+/-118.454 χ^2/NDF : 8.0/2

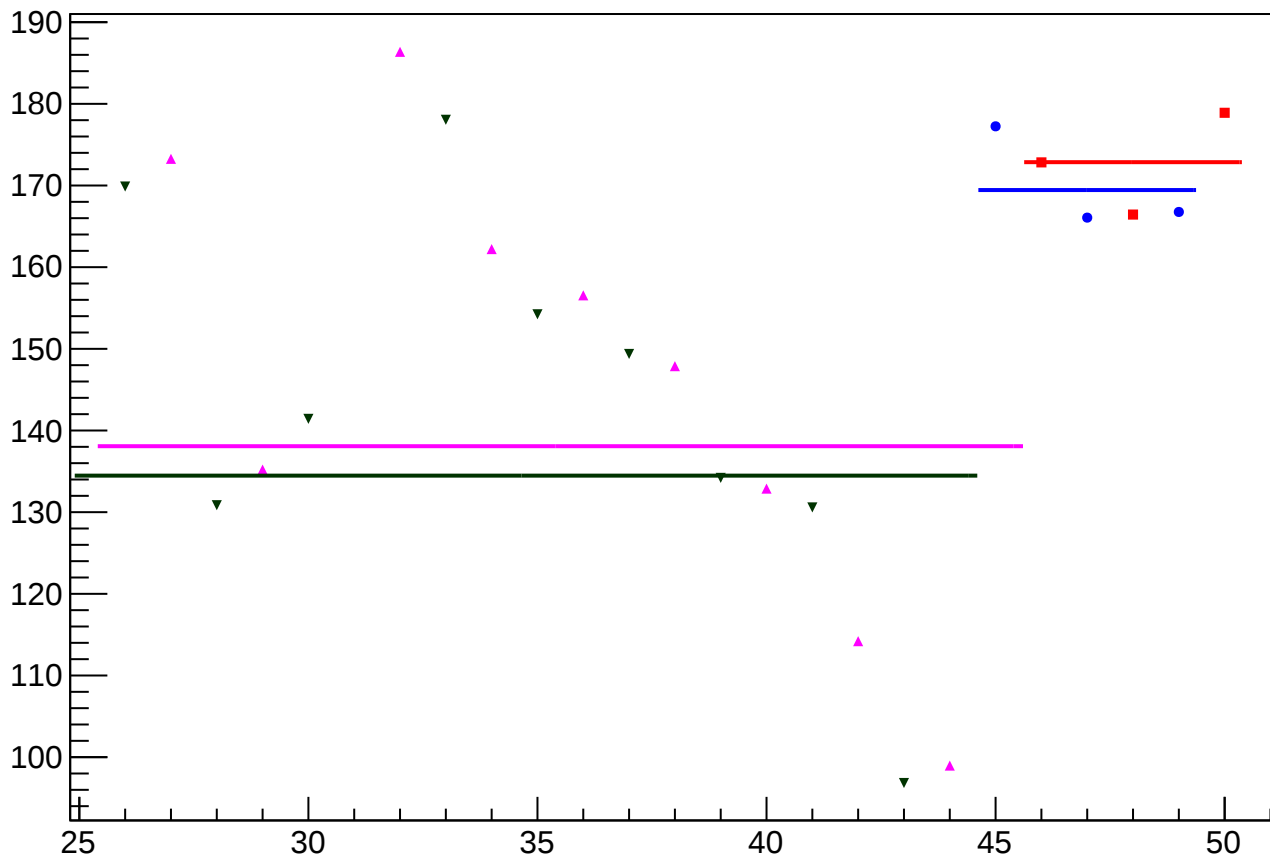
Left Out: -0.841+/-61.970 χ^2/NDF : 16.4/8

Right Out: 403.436+/-142.102 χ^2/NDF : 12.1/2

Left In: 28.630+/-59.539 χ^2/NDF : 8.0/8

49.581+/-38.828 χ^2/NDF : 51.6/23

reg_asym_sam_15_avg_rms vs slug



Right In: 169.444+/-0.084 χ^2/NDF : 3273.9/2

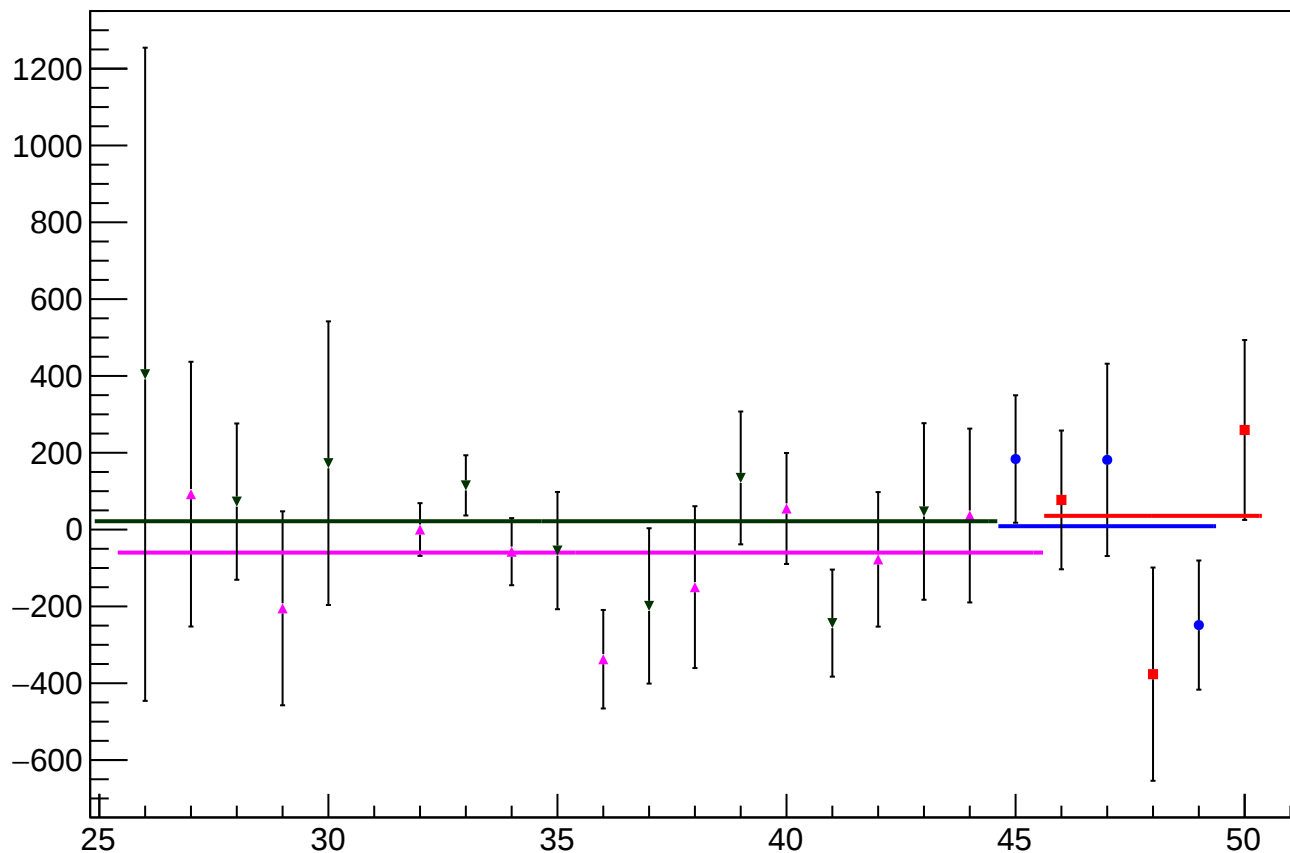
Left Out: 134.474+/-0.044 χ^2/NDF : 286634.1/8

Right Out: 172.858+/-0.100 χ^2/NDF : 2533.7/2

Left In: 138.078+/-0.042 χ^2/NDF : 436286.0/8

142.630+/-0.027 χ^2/NDF : 968044.9/23

asym_sam_15_avg_correction_mean vs slug



Right In: 8.817 ± 106.809 χ^2/NDF : 3.9/2

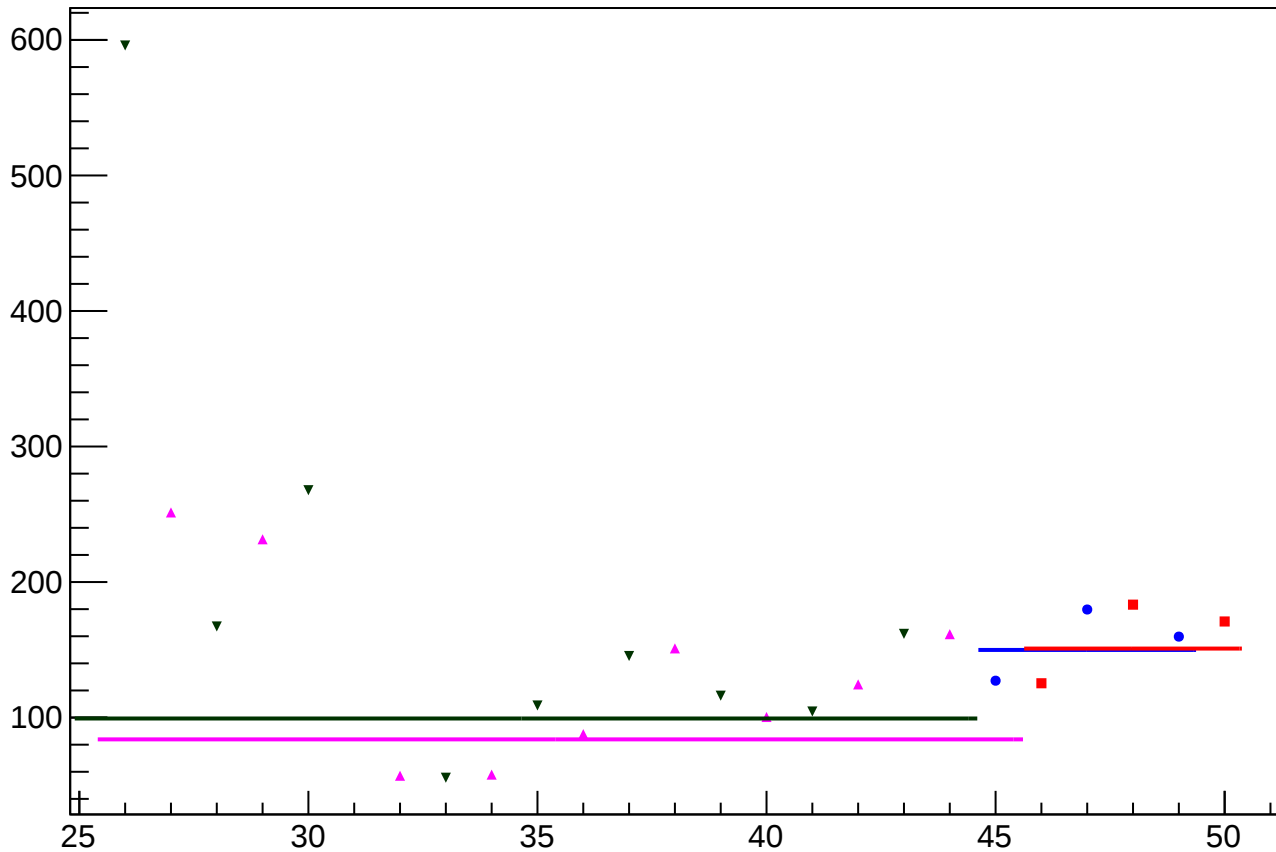
Left Out: 21.743 ± 52.206 χ^2/NDF : 7.4/8

Right Out: 35.744 ± 127.127 χ^2/NDF : 3.2/2

Left In: -59.919 ± 42.598 χ^2/NDF : 7.0/8

-20.663 ± 30.606 χ^2/NDF : 23.2/23

asym_sam_15_avg_correction_rms vs slug



Right In: 149.901 $\pm$ 0.076 χ^2 /NDF: 72630.9/2

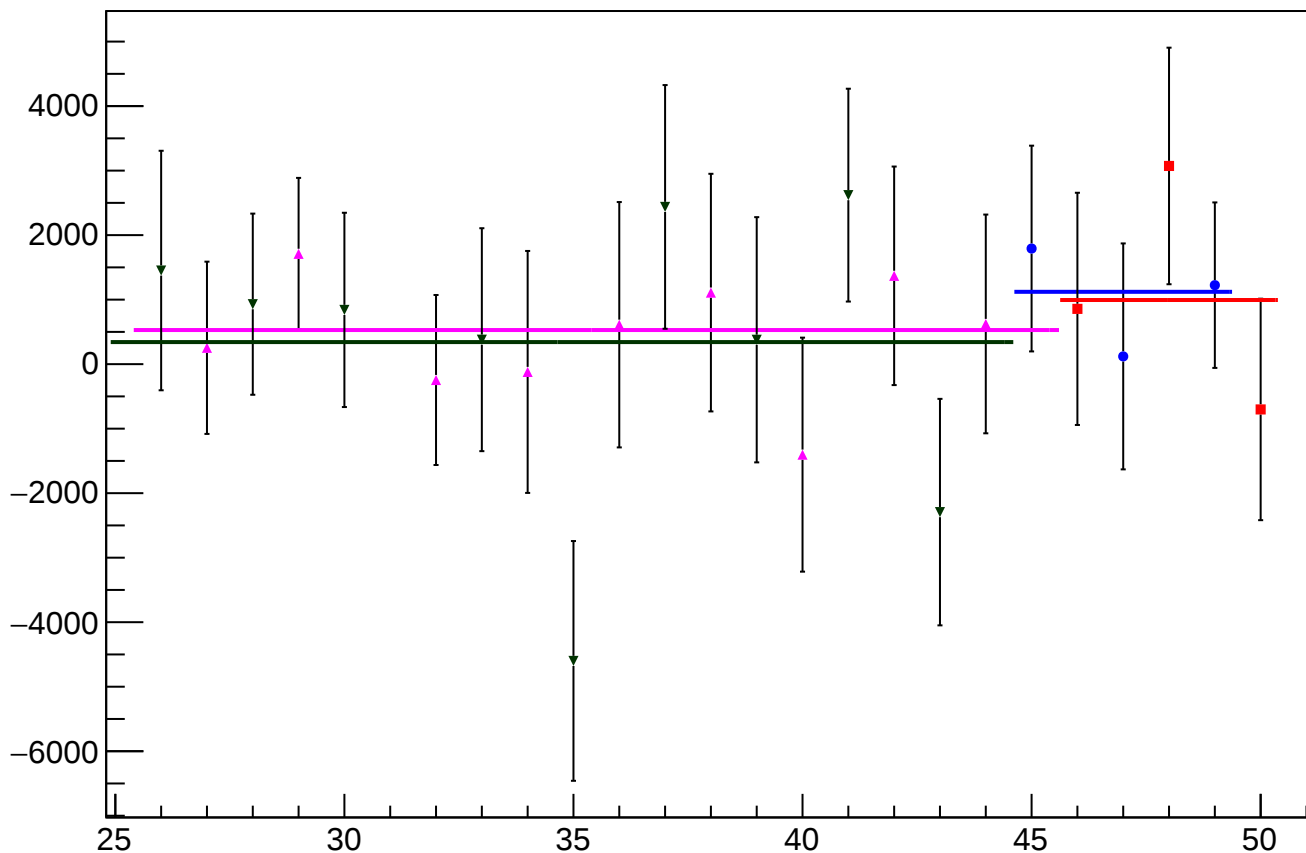
Left Out: 99.318 $\pm$ 0.037 χ^2 /NDF: 2224371.1/8

Right Out: 150.917 $\pm$ 0.090 χ^2 /NDF: 81996.2/2

Left In: 83.913 $\pm$ 0.030 χ^2 /NDF: 2212587.0/8

98.510 $\pm$ 0.022 χ^2 /NDF: 5629815.8/23

reg_asym_sam_26_avg_mean vs slug



Right In: 1121.227 $\pm$ 868.022 χ^2 /NDF: 0.5/2

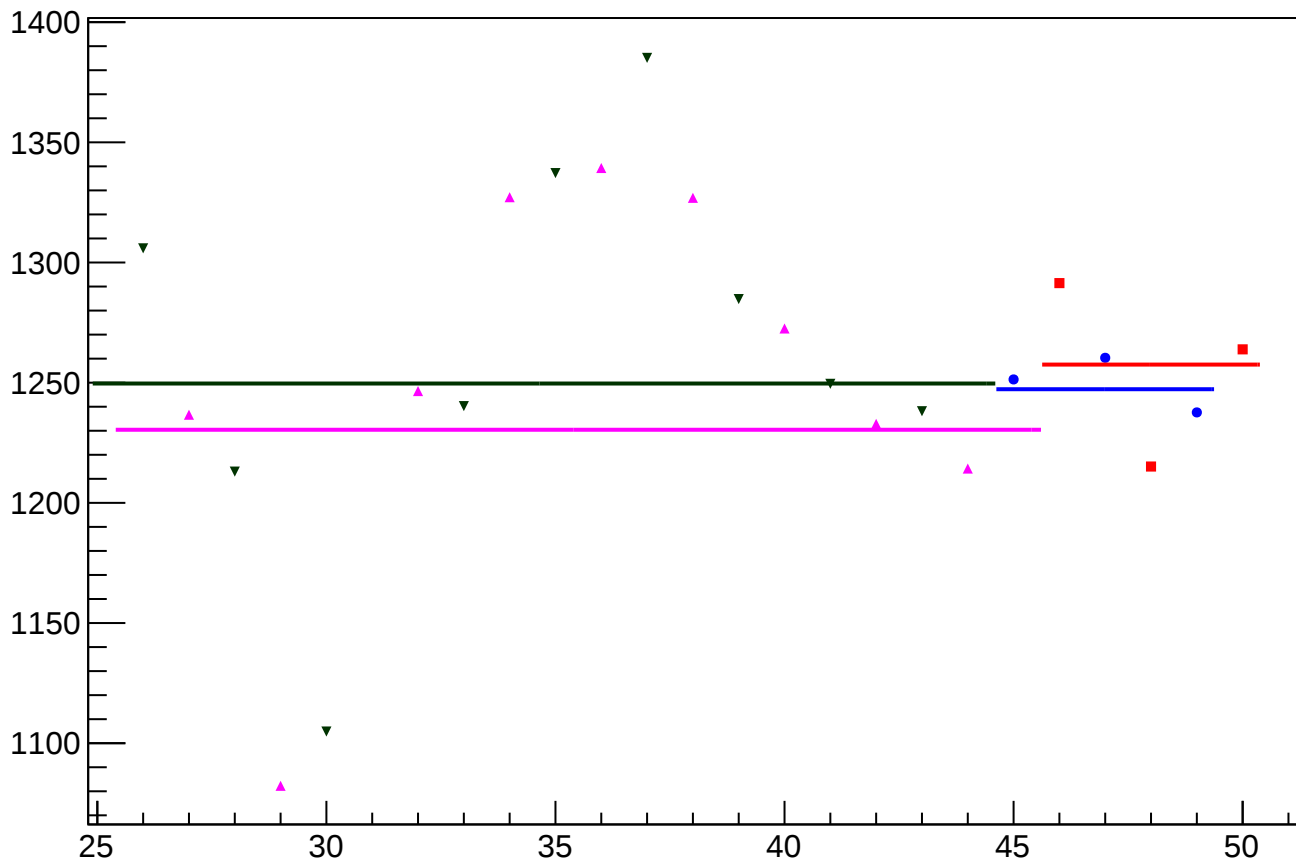
Left Out: 342.094 $\pm$ 566.846 χ^2 /NDF: 13.1/8

Right Out: 994.241 $\pm$ 1028.387 χ^2 /NDF: 2.3/2

Left In: 528.742 $\pm$ 518.835 χ^2 /NDF: 3.0/8

599.690 $\pm$ 331.500 χ^2 /NDF: 19.6/23

reg_asym_sam_26_avg_rms vs slug



Right In: 1247.281+/-0.614 χ^2/NDF : 237.6/2

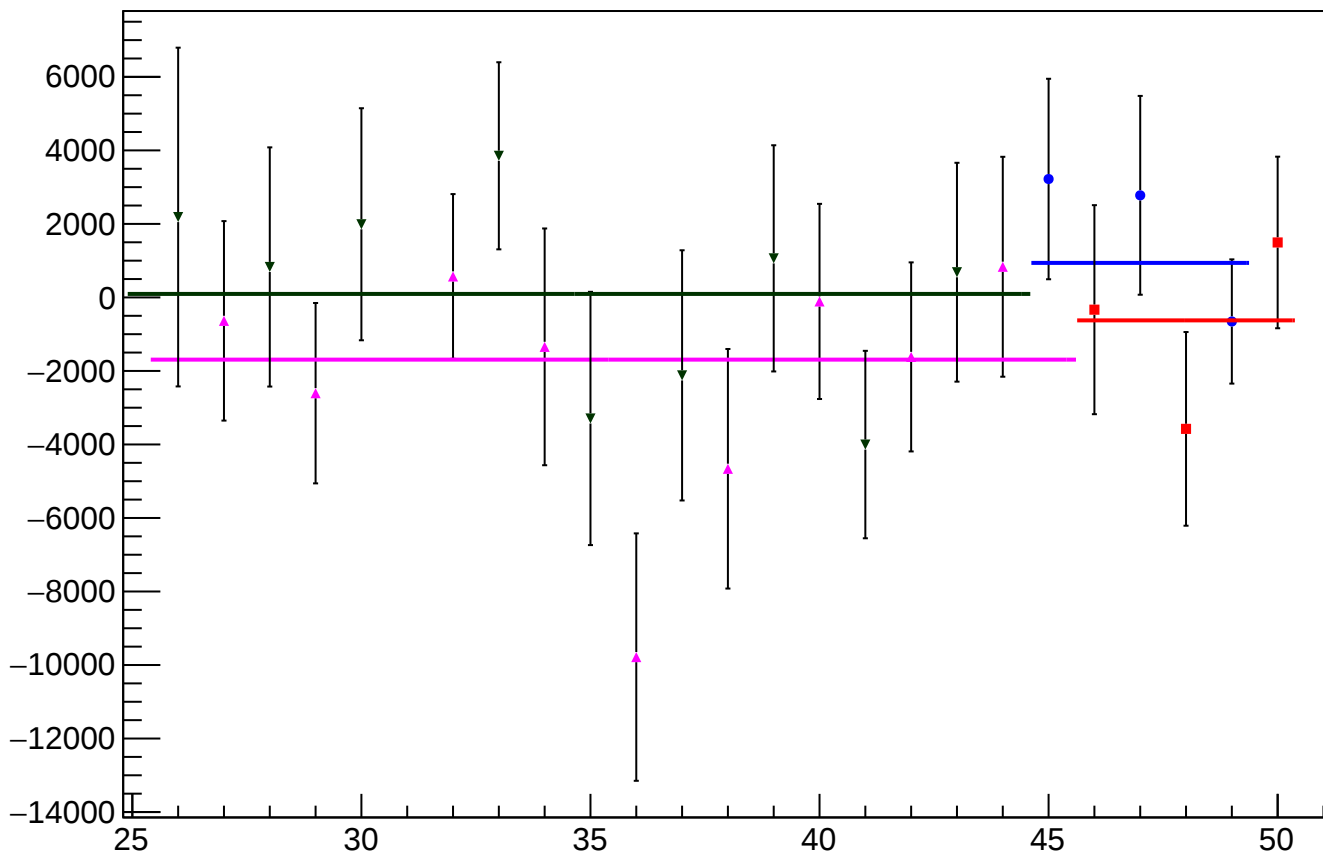
Left Out: 1249.652+/-0.401 χ^2/NDF : 37250.0/8

1242.271+/-0.234 χ^2/NDF : 91841.5/23

Right Out: 1257.530+/-0.727 χ^2/NDF : 1807.0/2

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.3/8

asym_sam_26_avg_correction_mean vs slug



Right In: 939.325 $\pm$ 1268.557 χ^2 /NDF: 2.1/2

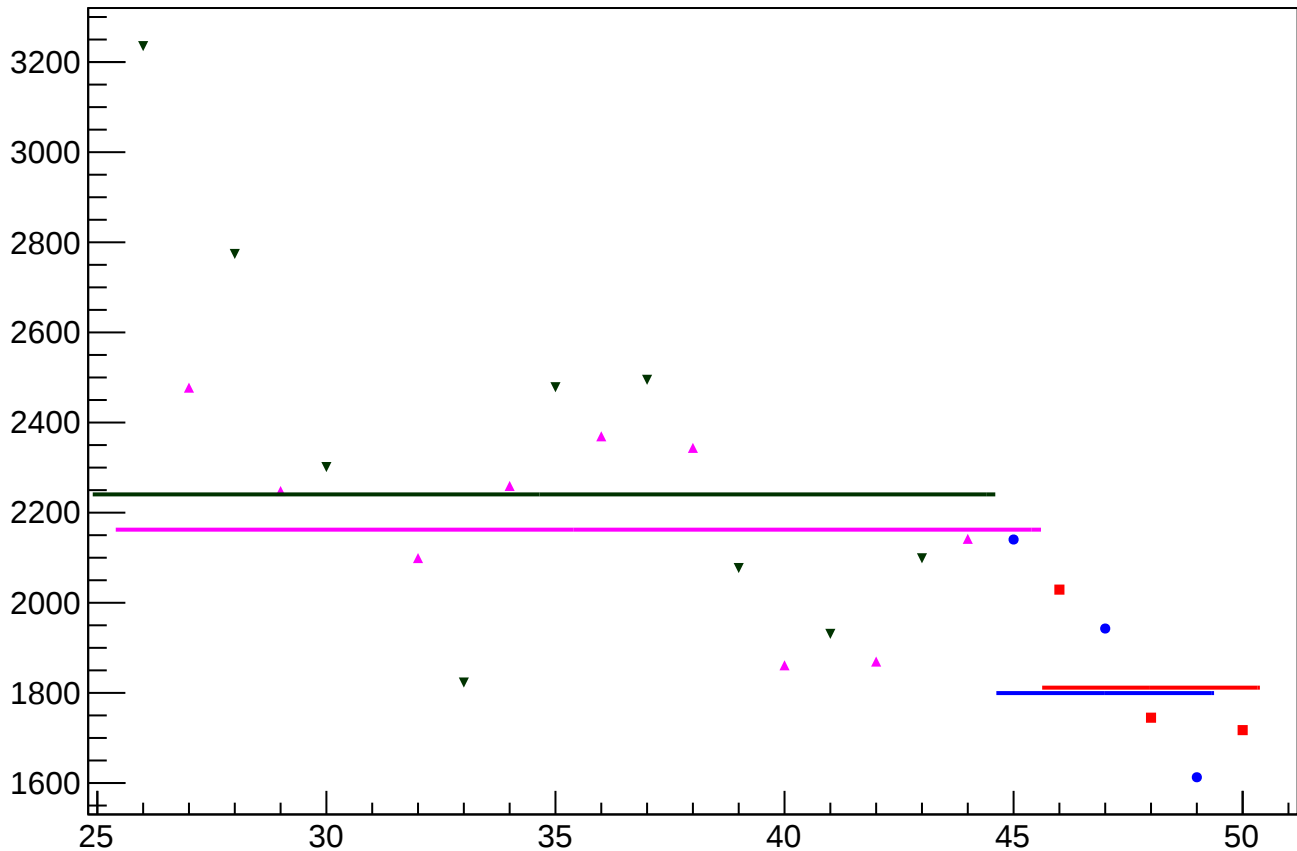
Left Out: 95.135 $\pm$ 1031.834 χ^2 /NDF: 6.9/8

-504.799 $\pm$ 559.291 χ^2 /NDF: 23.4/23

Right Out: -624.432 $\pm$ 1488.458 χ^2 /NDF: 2.1/2

Left In: -1692.209 $\pm$ 918.693 χ^2 /NDF: 9.0/8

asym_sam_26_avg_correction_rms vs slug



Right In: 1799.583+/-0.897 χ^2/NDF : 61295.9/2

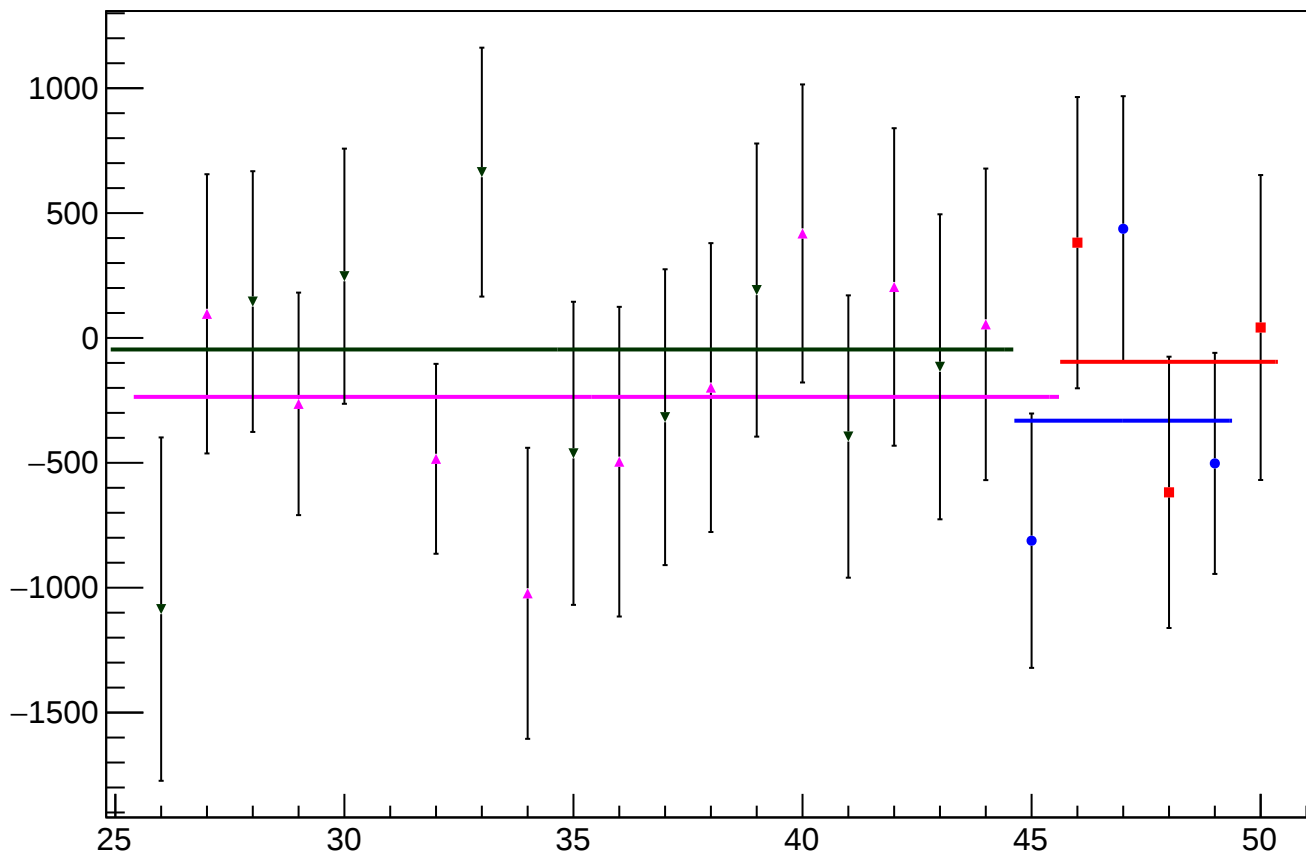
Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

2065.257+/-0.395 χ^2/NDF : 663617.5/23

Right Out: 1811.643+/-1.052 χ^2/NDF : 16251.9/2

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

reg_asym_sam_37_avg_mean vs slug



Right In: -331.282±/282.746 χ^2/NDF : 3.1/2

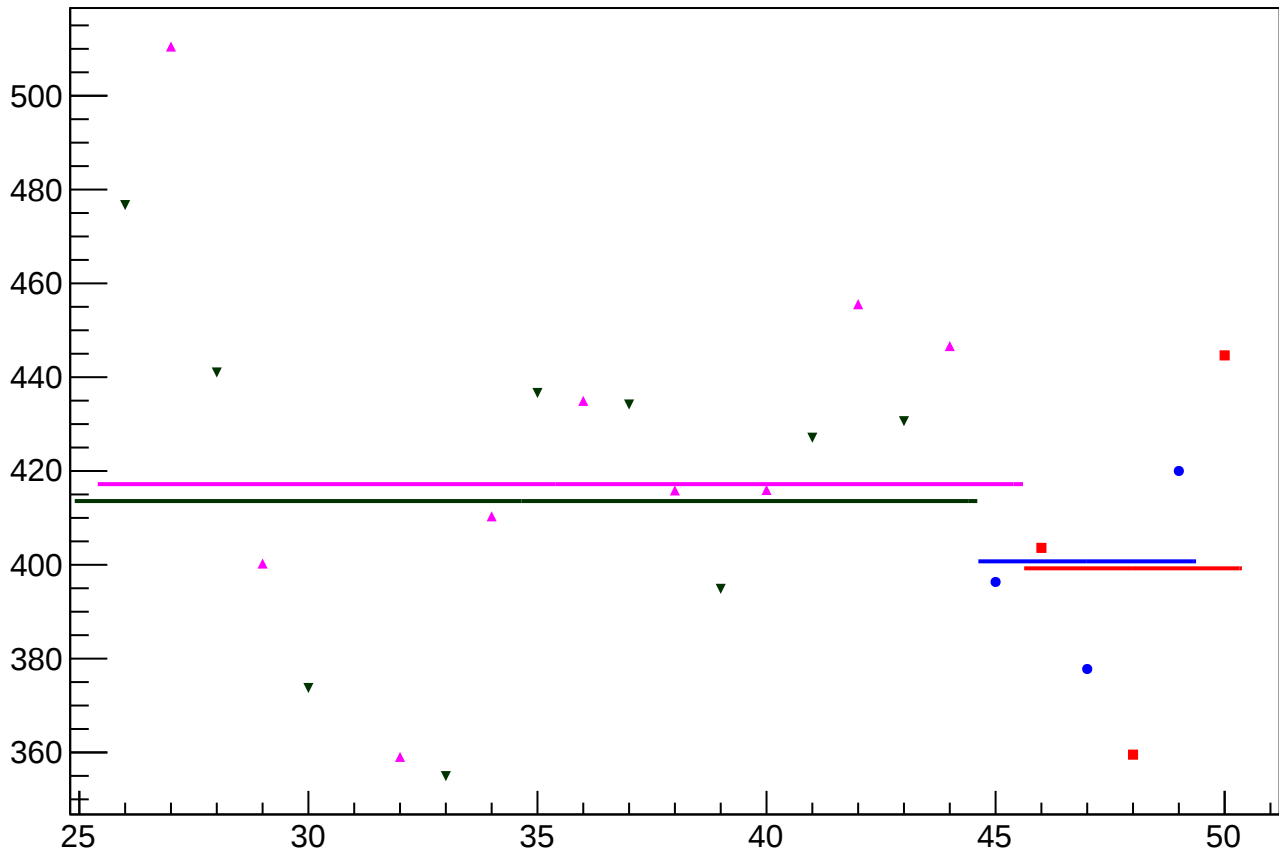
Left Out: -46.161±/189.227 χ^2/NDF : 6.0/8

Right Out: -95.550±/333.071 χ^2/NDF : 1.6/2

Left In: -235.930±/178.034 χ^2/NDF : 4.7/8

-169.603±/111.111 χ^2/NDF : 16.4/23

reg_asym_sam_37_avg_rms vs slug



Right In: 400.739+/-0.200 χ^2/NDF : 7676.1/2

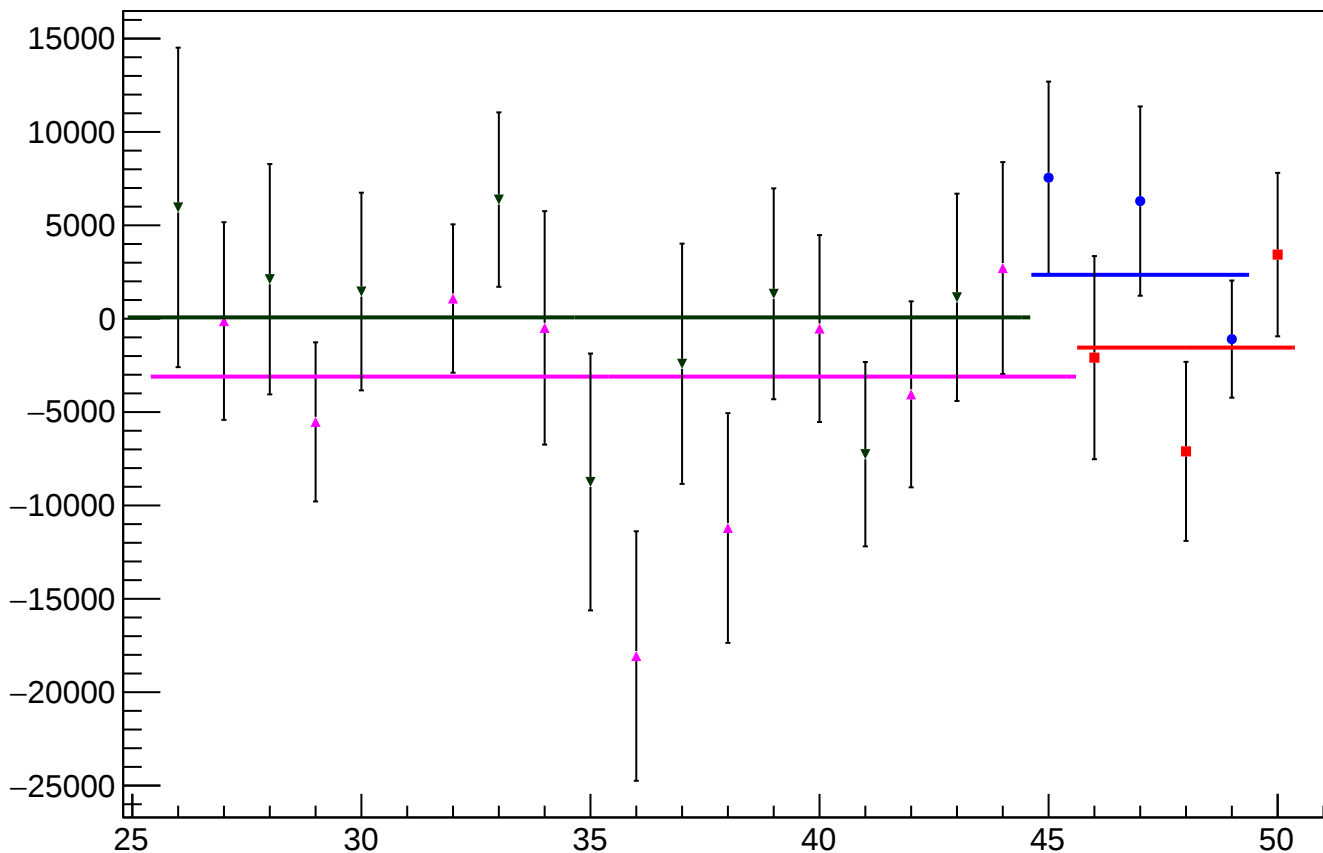
Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

411.417+/-0.079 χ^2/NDF : 228768.8/23

Right Out: 399.251+/-0.236 χ^2/NDF : 21866.4/2

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

asym_sam_37_avg_correction_mean vs slug



Right In: 2349.721+/-2368.372 χ^2/NDF : 2.8/2

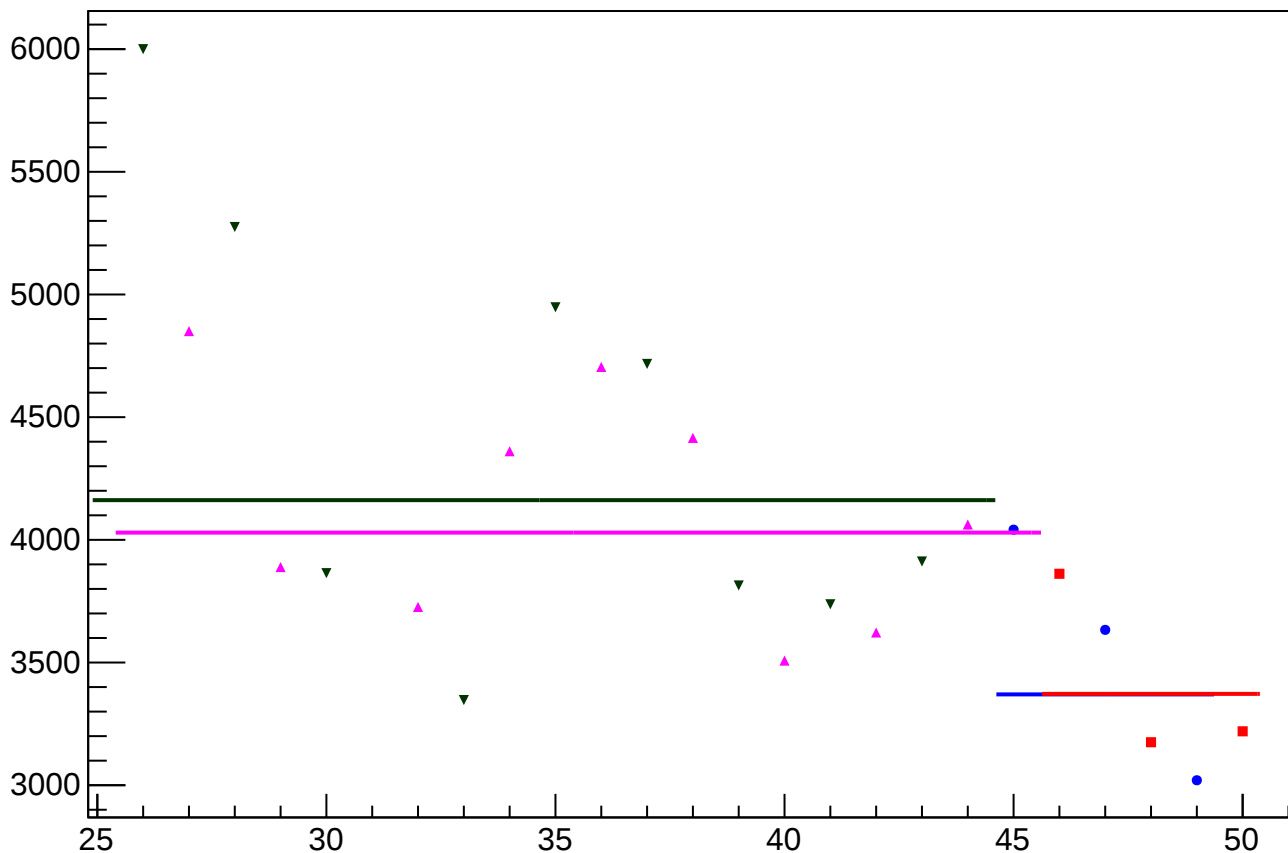
Left Out: 70.645+/-1918.480 χ^2/NDF : 6.6/8

-887.743+/-1042.897 χ^2/NDF : 25.9/23

Right Out: -1546.573+/-2778.369 χ^2/NDF : 2.6/2

Left In: -3100.761+/-1715.226 χ^2/NDF : 10.0/8

asym_sam_37_avg_correction_rms vs slug



Right In: 3370.136+/-1.675 χ^2/NDF : 64273.8/2

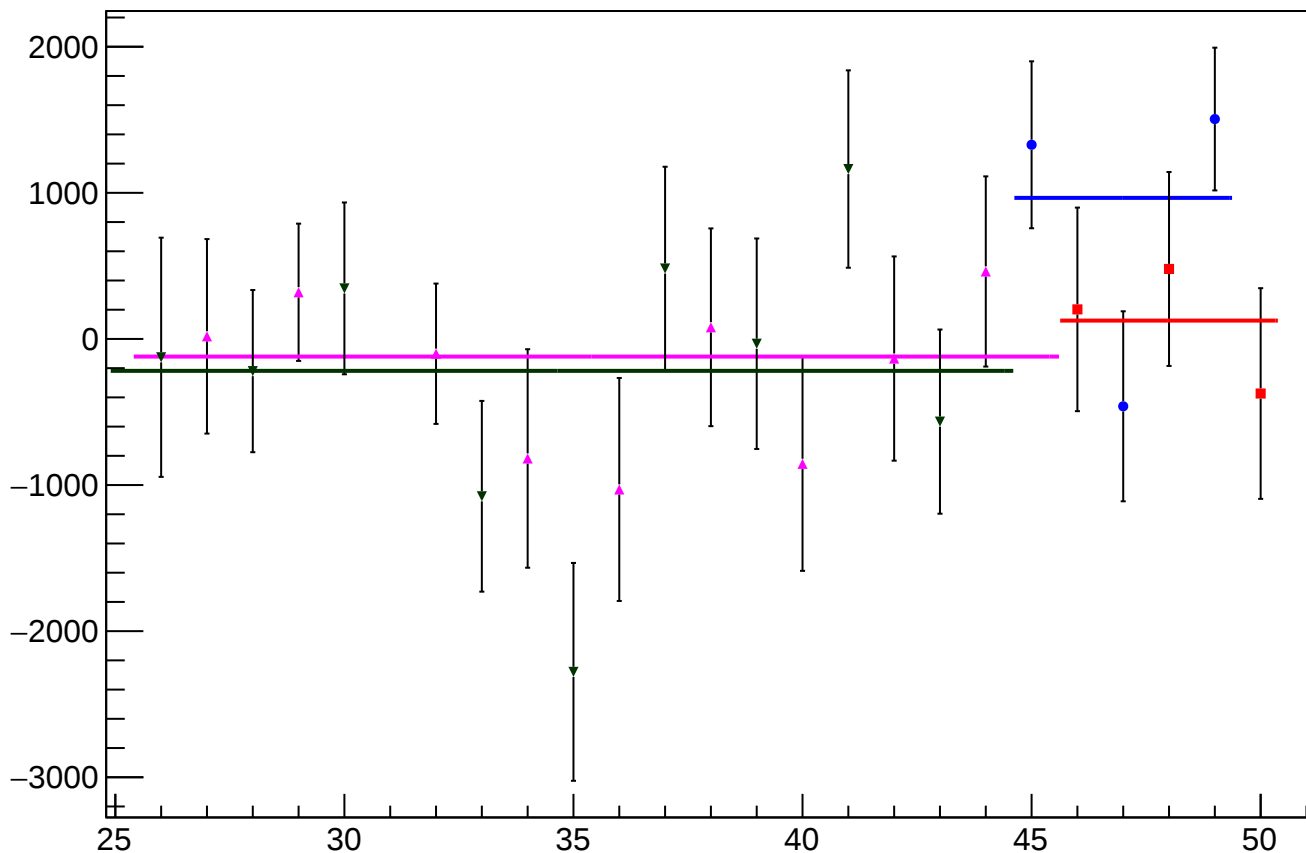
Left Out: 4161.804+/-1.357 χ^2/NDF : 292155.7/8

Right Out: 3372.250+/-1.965 χ^2/NDF : 22009.7/2

Left In: 4029.509+/-1.213 χ^2/NDF : 131051.5/8

3848.143+/-0.737 χ^2/NDF : 725460.3/23

reg_asym_sam_48_avg_mean vs slug



Right In: 965.553 $\pm$ 322.420 χ^2/NDF : 6.4/2

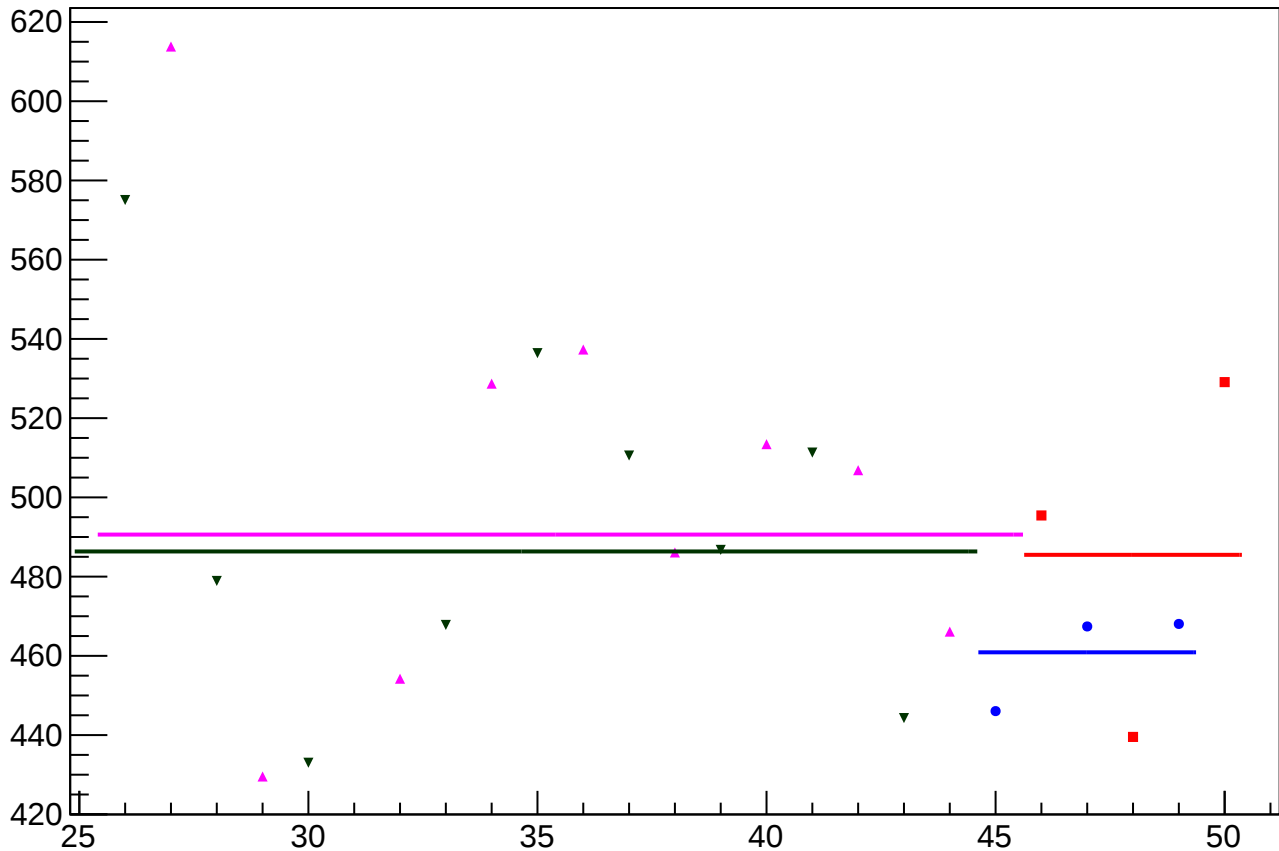
Left Out: -218.435 $\pm$ 220.998 χ^2/NDF : 15.9/8

Right Out: 125.599 $\pm$ 399.881 χ^2/NDF : 0.8/2

Left In: -120.677 $\pm$ 208.123 χ^2/NDF : 5.1/8

47.366 $\pm$ 129.712 χ^2/NDF : 38.4/23

reg_asym_sam_48_avg_rms vs slug



Right In: 460.892 ± 0.228 $\chi^2/\text{NDF}: 1981.5/2$

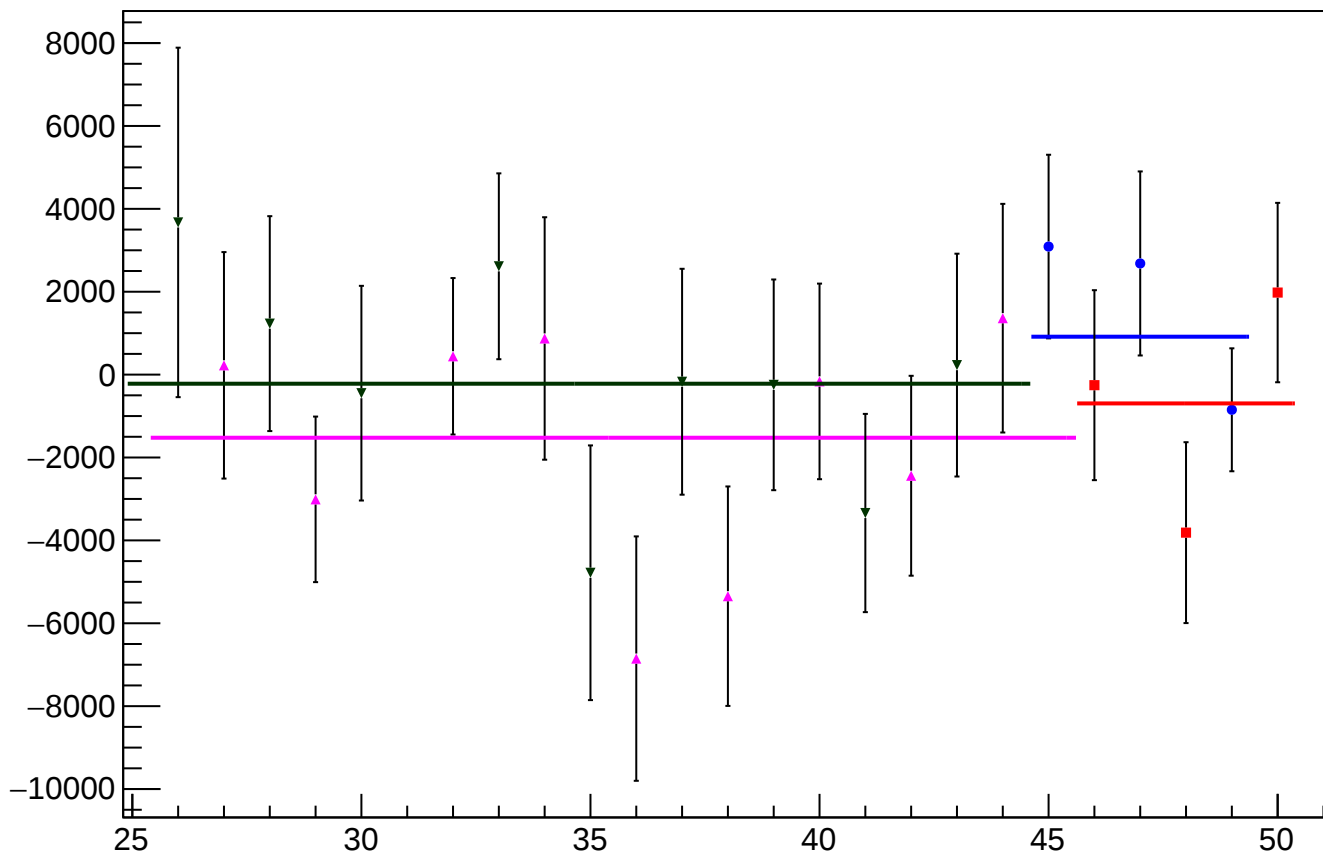
Left Out: 486.351 ± 0.156 $\chi^2/\text{NDF}: 64986.4/8$

Right Out: 485.499 ± 0.283 $\chi^2/\text{NDF}: 17311.1/2$

Left In: 490.611 ± 0.147 $\chi^2/\text{NDF}: 132414.1/8$

483.795 ± 0.092 $\chi^2/\text{NDF}: 229233.9/23$

asym_sam_48_avg_correction_mean vs slug



Right In: 914.845 $\pm$ 1077.610 χ^2/NDF : 3.0/2

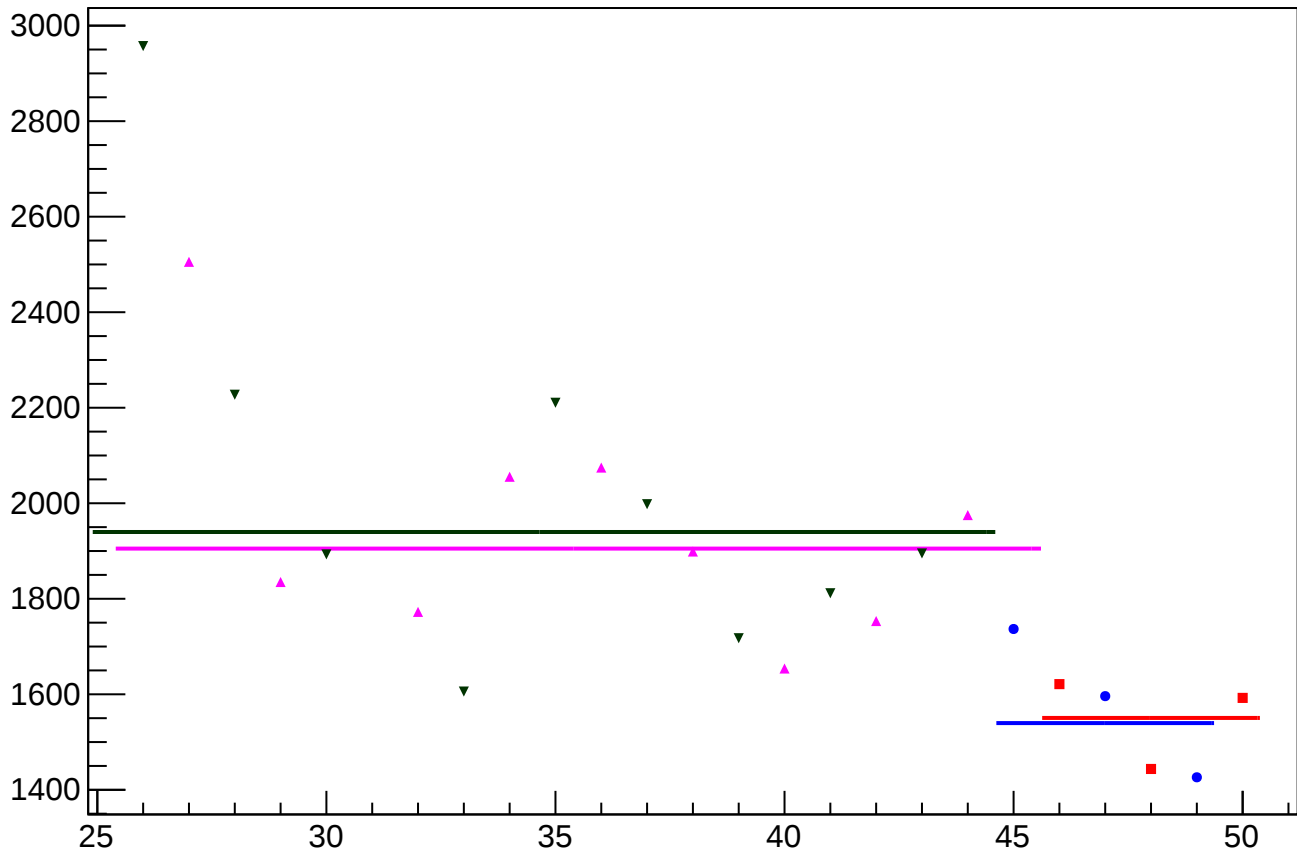
Left Out: -219.615 $\pm$ 890.368 χ^2/NDF : 6.7/8

Right Out: -695.010 $\pm$ 1276.356 χ^2/NDF : 3.6/2

Left In: -1523.165 $\pm$ 810.399 χ^2/NDF : 9.6/8

-524.785 $\pm$ 484.555 χ^2/NDF : 26.4/23

asym_sam_48_avg_correction_rms vs slug



Right In: 1539.724+/-0.762 χ^2/NDF : 28823.0/2

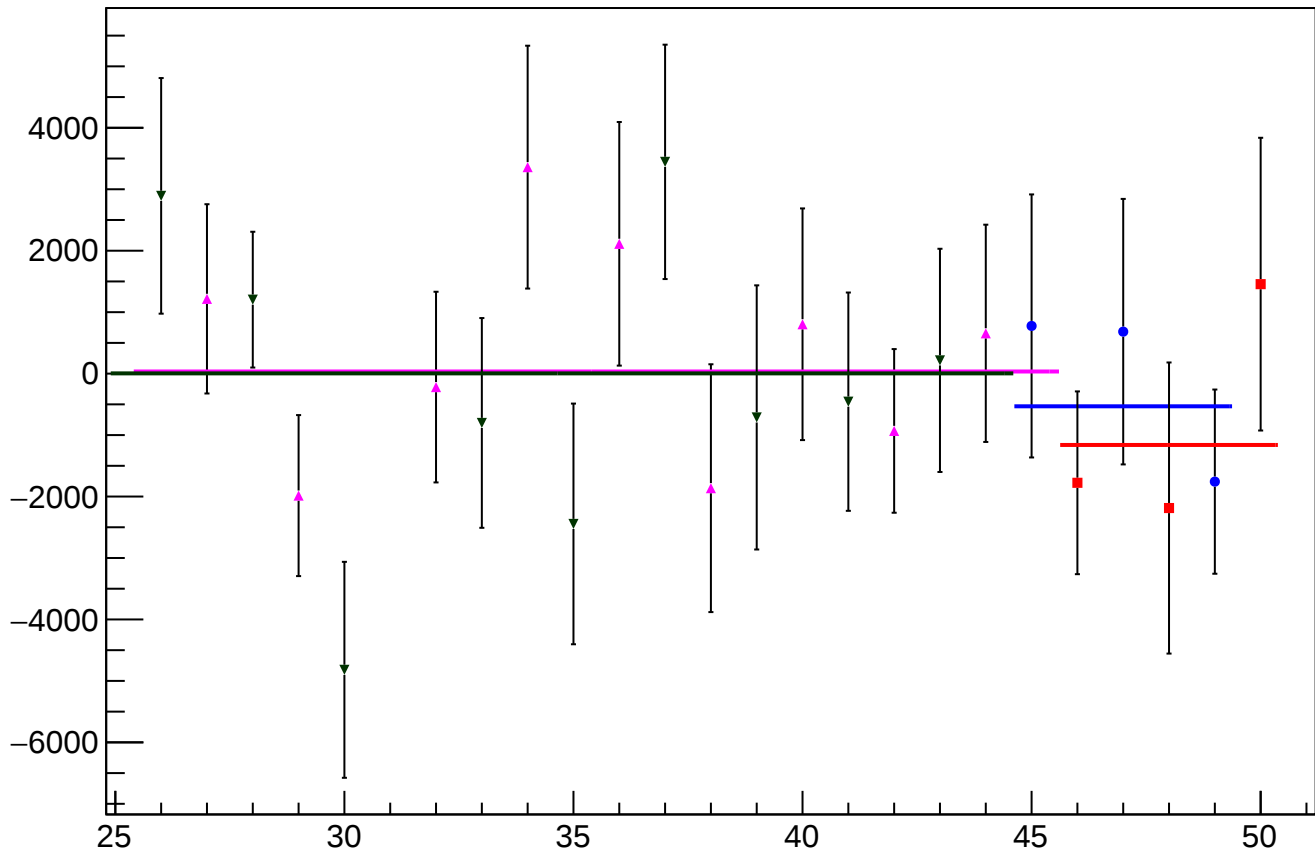
Left Out: 1939.826+/-0.630 χ^2/NDF : 224098.1/8

Right Out: 1550.506+/-0.903 χ^2/NDF : 7455.1/2

Left In: 1905.071+/-0.573 χ^2/NDF : 152641.8/8

1790.393+/-0.343 χ^2/NDF : 688270.6/23

asym_sam_15_dd_mean vs slug



Right In: -531.747+/-1067.280 χ^2/NDF : 1.4/2

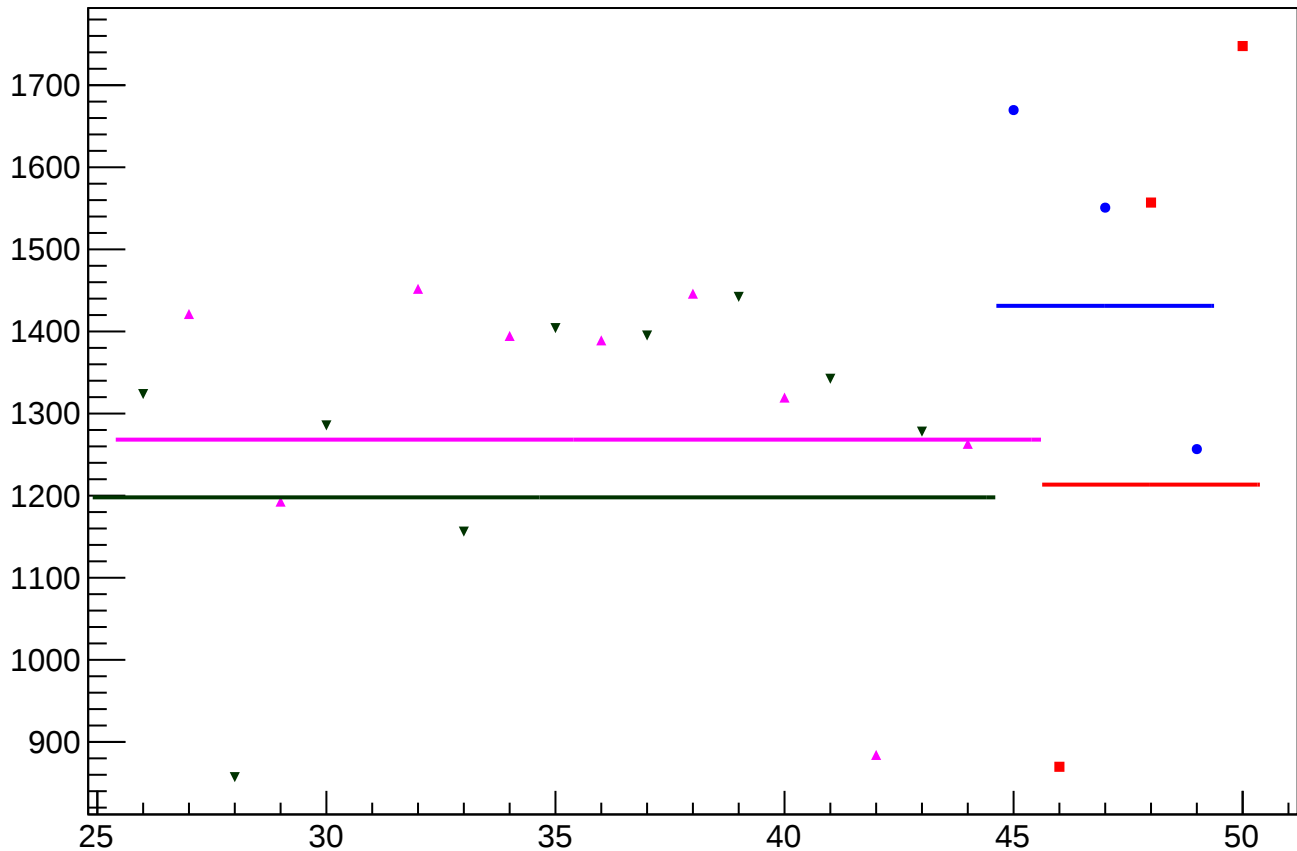
Left Out: 4.096+/-565.128 χ^2/NDF : 16.2/8

-156.252+/-350.110 χ^2/NDF : 28.9/23

Right Out: -1160.753+/-1113.313 χ^2/NDF : 1.6/2

Left In: 34.637+/-546.991 χ^2/NDF : 8.6/8

asym_sam_15_dd_rms vs slug



Right In: 1431.224+/-0.755 χ^2/NDF : 58084.8/2

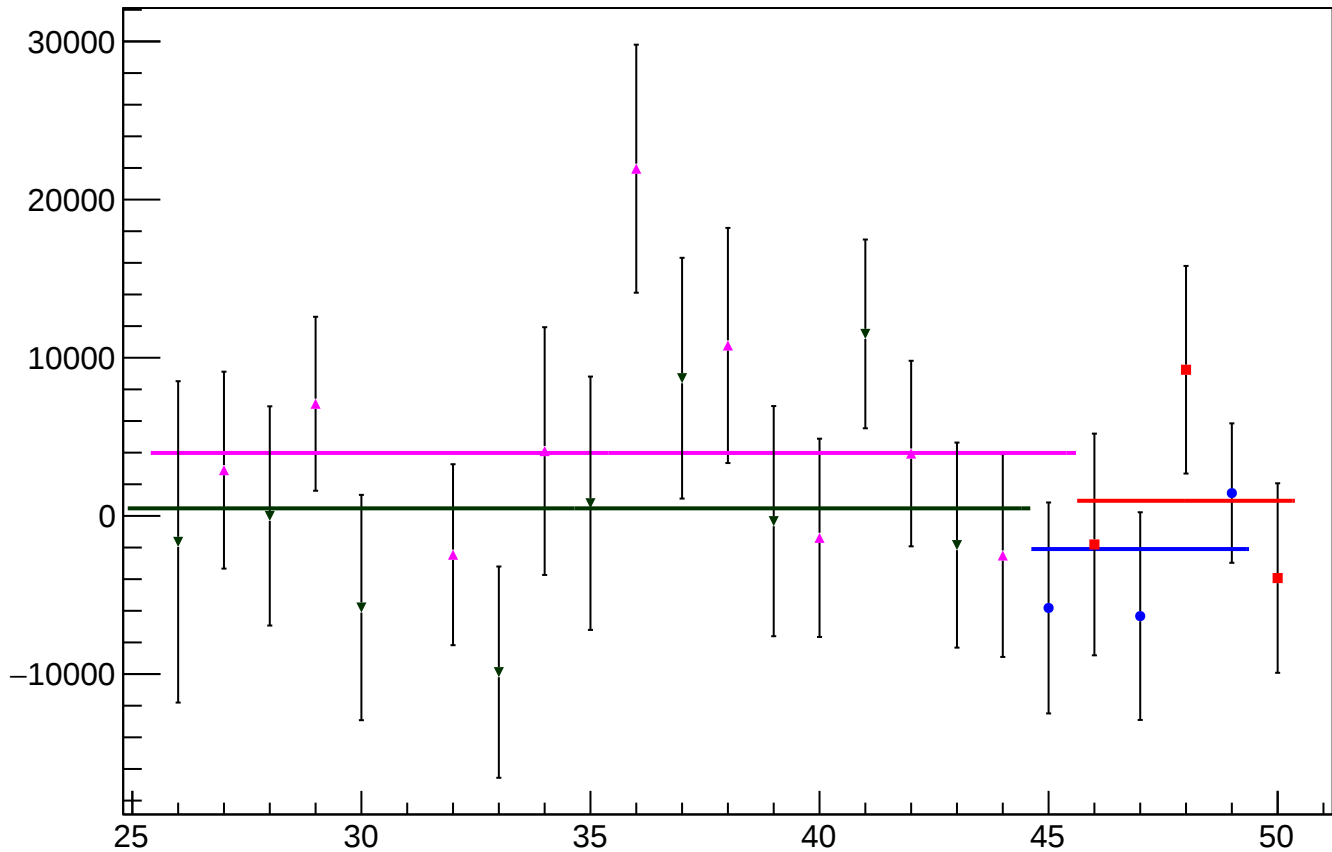
Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

1253.376+/-0.248 χ^2/NDF : 931601.5/23

Right Out: 1213.452+/-0.787 χ^2/NDF : 249562.3/2

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

asym_sam_26_dd_mean vs slug



Right In: -2095.907 $\pm$ 3208.593 χ^2/NDF : 1.4/2

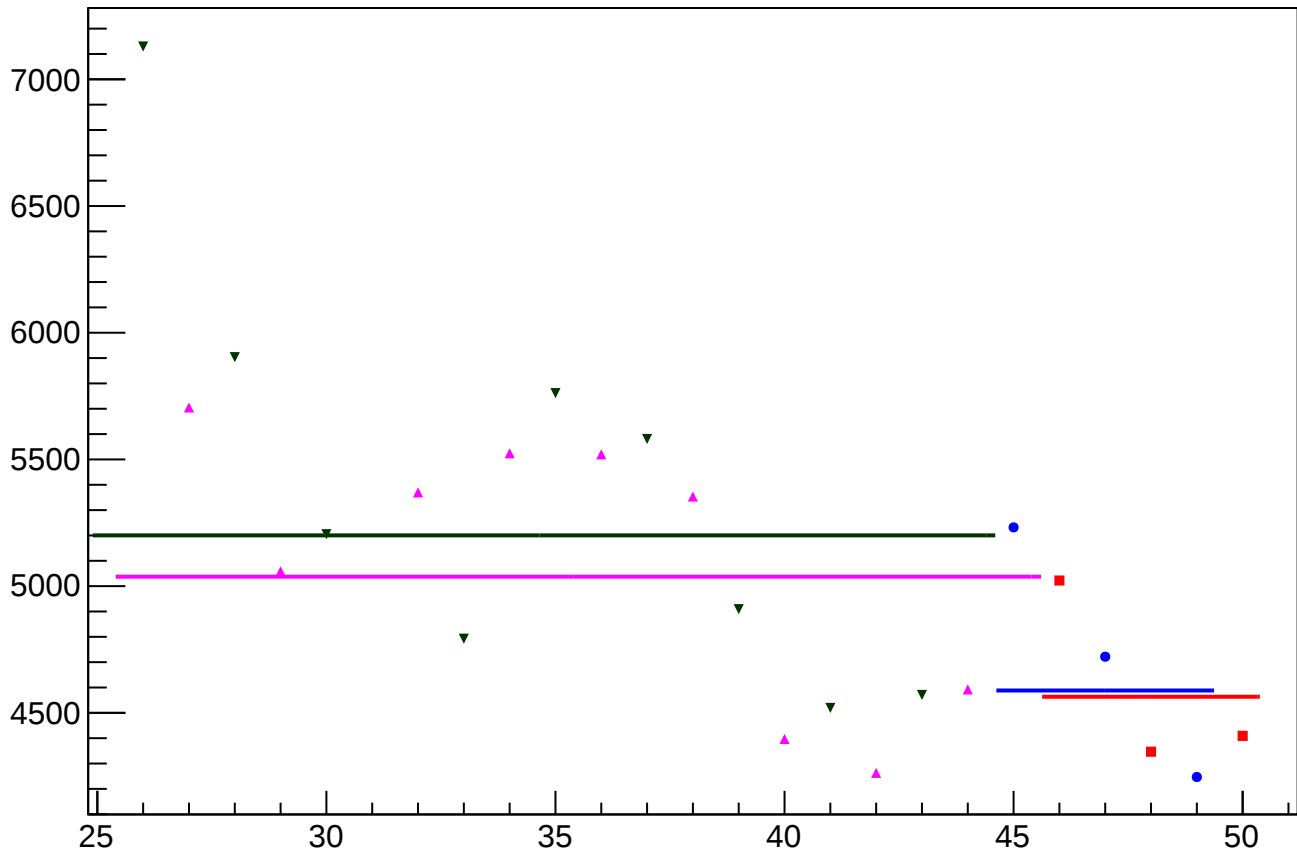
Left Out: 477.708 $\pm$ 2382.052 χ^2/NDF : 8.0/8

Right Out: 955.911 $\pm$ 3741.793 χ^2/NDF : 2.4/2

Left In: 3980.767 $\pm$ 2137.297 χ^2/NDF : 9.5/8

1455.224 $\pm$ 1331.906 χ^2/NDF : 24.0/23

asym_sam_26_dd_rms vs slug



Right In: 4588.225+/-2.269 χ^2/NDF : 31449.7/2

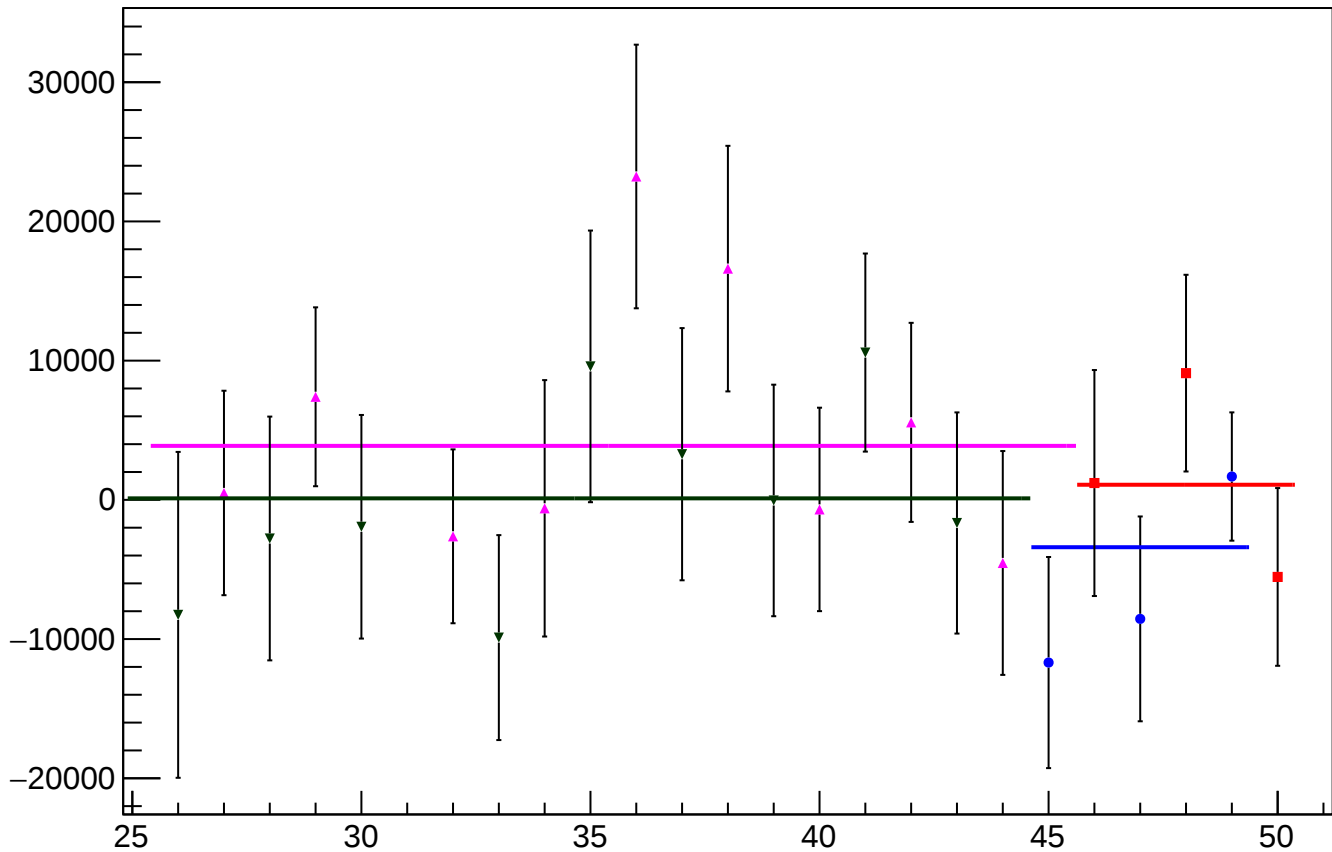
Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

4950.878+/-0.942 χ^2/NDF : 392893.1/23

Right Out: 4563.613+/-2.646 χ^2/NDF : 12075.6/2

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -3402.189 $\pm$ 3471.552 χ^2/NDF : 2.9/2

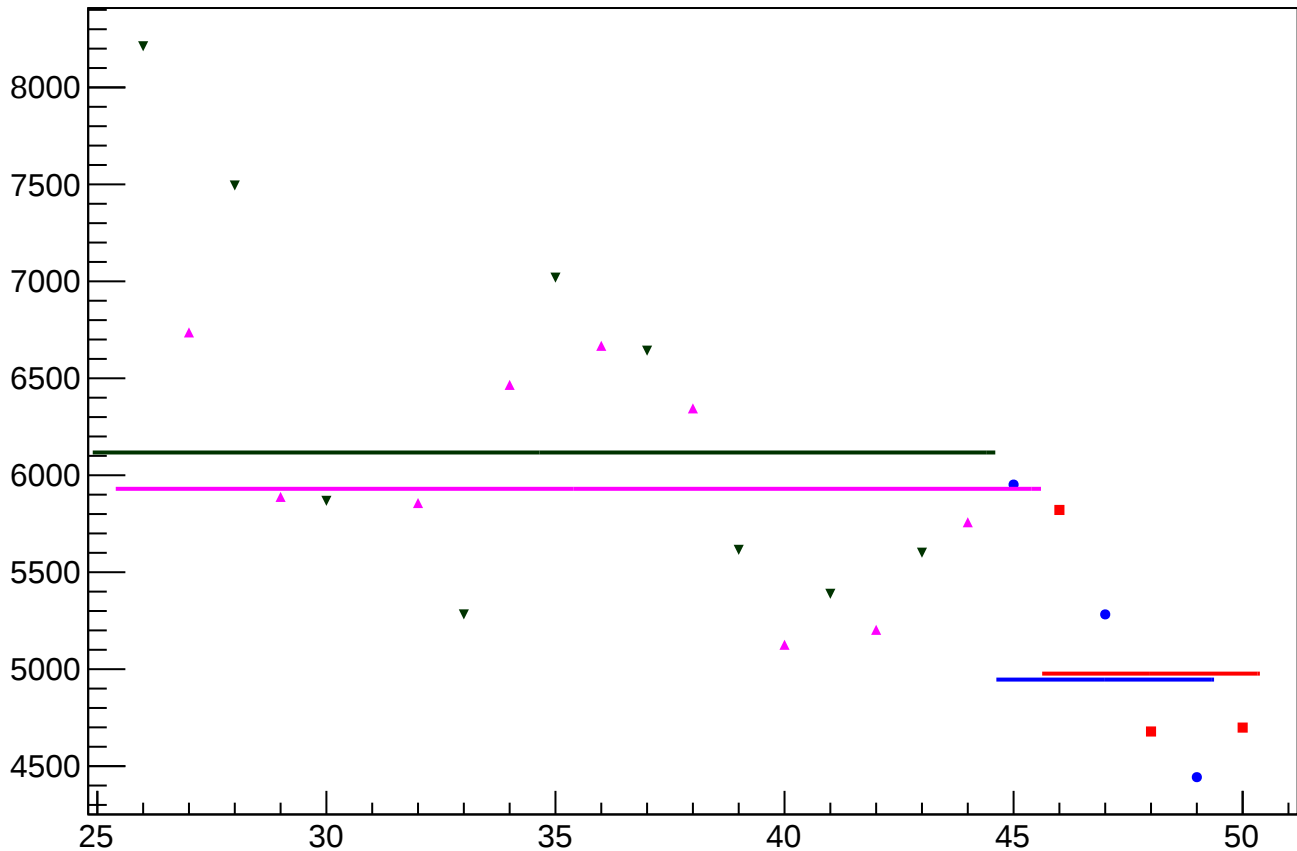
Left Out: 107.633 $\pm$ 2805.368 χ^2/NDF : 5.8/8

955.782 $\pm$ 1528.958 χ^2/NDF : 23.7/23

Right Out: 1084.967 $\pm$ 4090.905 χ^2/NDF : 2.4/2

Left In: 3878.107 $\pm$ 2515.966 χ^2/NDF : 9.6/8

asym_sam_37_dd_rms vs slug



Right In: 4946.347+/-2.455 χ^2/NDF : 63209.4/2

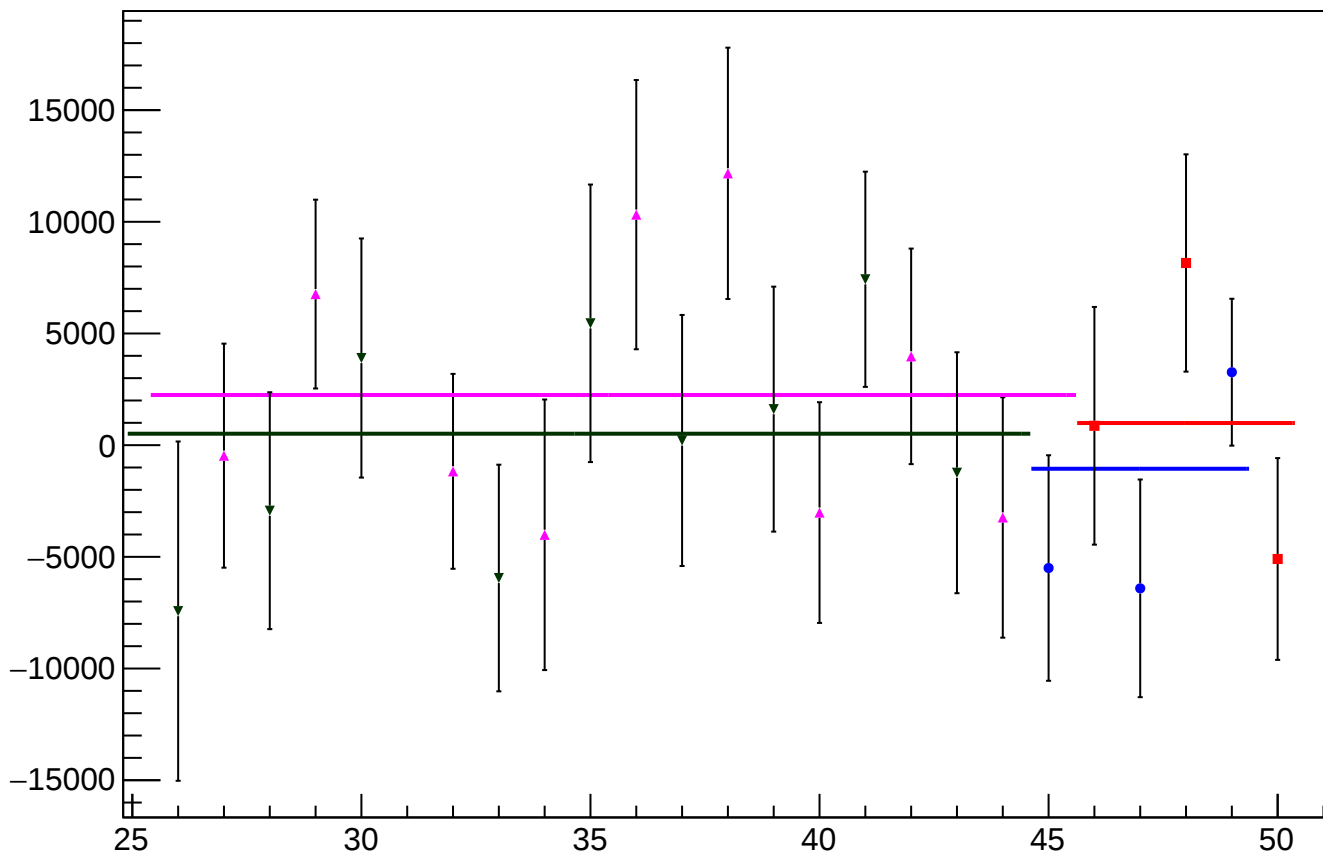
Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

5661.792+/-1.081 χ^2/NDF : 604023.0/23

Right Out: 4977.120+/-2.893 χ^2/NDF : 28994.3/2

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

asym_sam_48_dd_mean vs slug



Right In: -1056.020 $\pm$ 2398.273 χ^2/NDF : 3.7/2

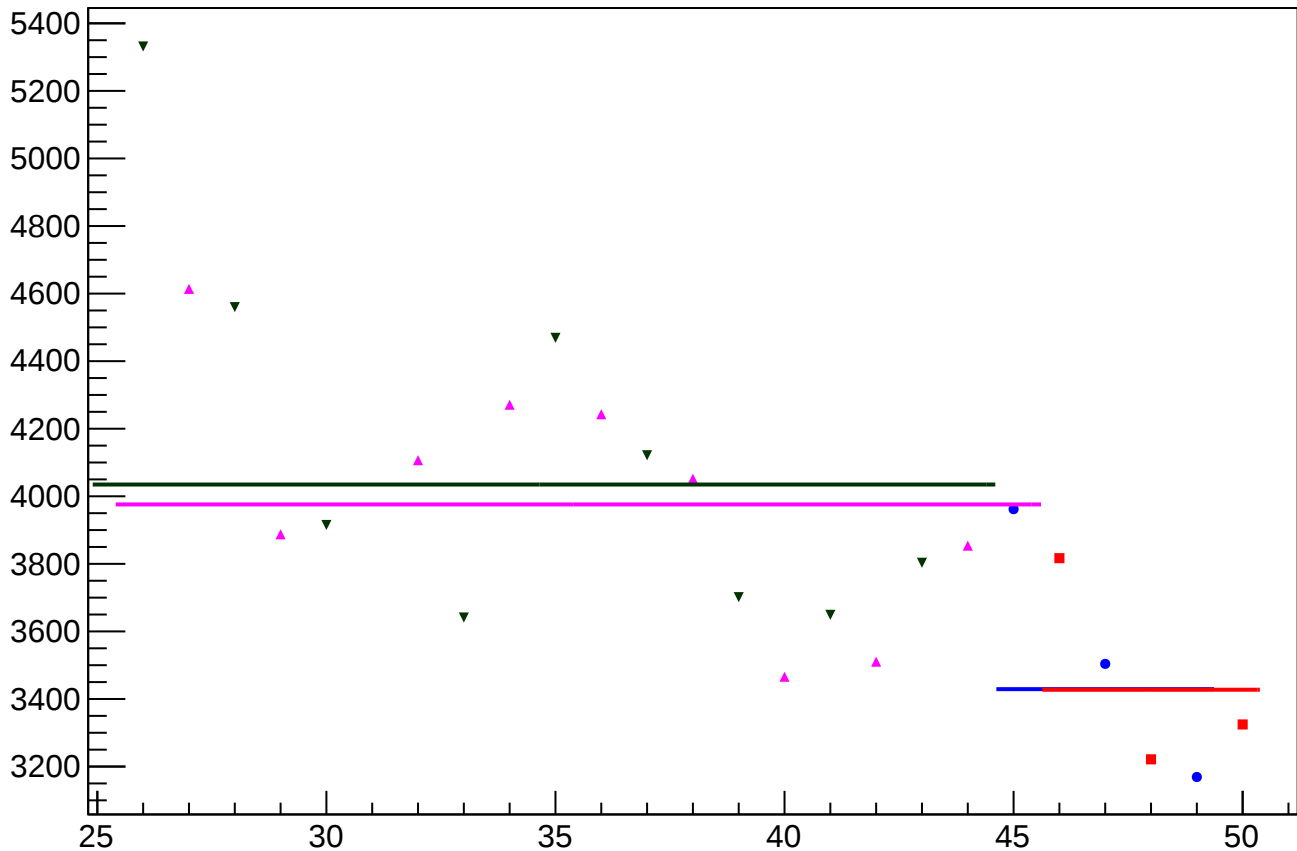
Left Out: 512.467 $\pm$ 1841.360 χ^2/NDF : 6.4/8

Right Out: 991.560 $\pm$ 2810.601 χ^2/NDF : 4.0/2

Left In: 2245.703 $\pm$ 1682.849 χ^2/NDF : 10.3/8

934.159 $\pm$ 1026.793 χ^2/NDF : 25.8/23

asym_sam_48_dd_rms vs slug



Right In: 3429.114+/-1.696 χ^2/NDF : 35265.2/2

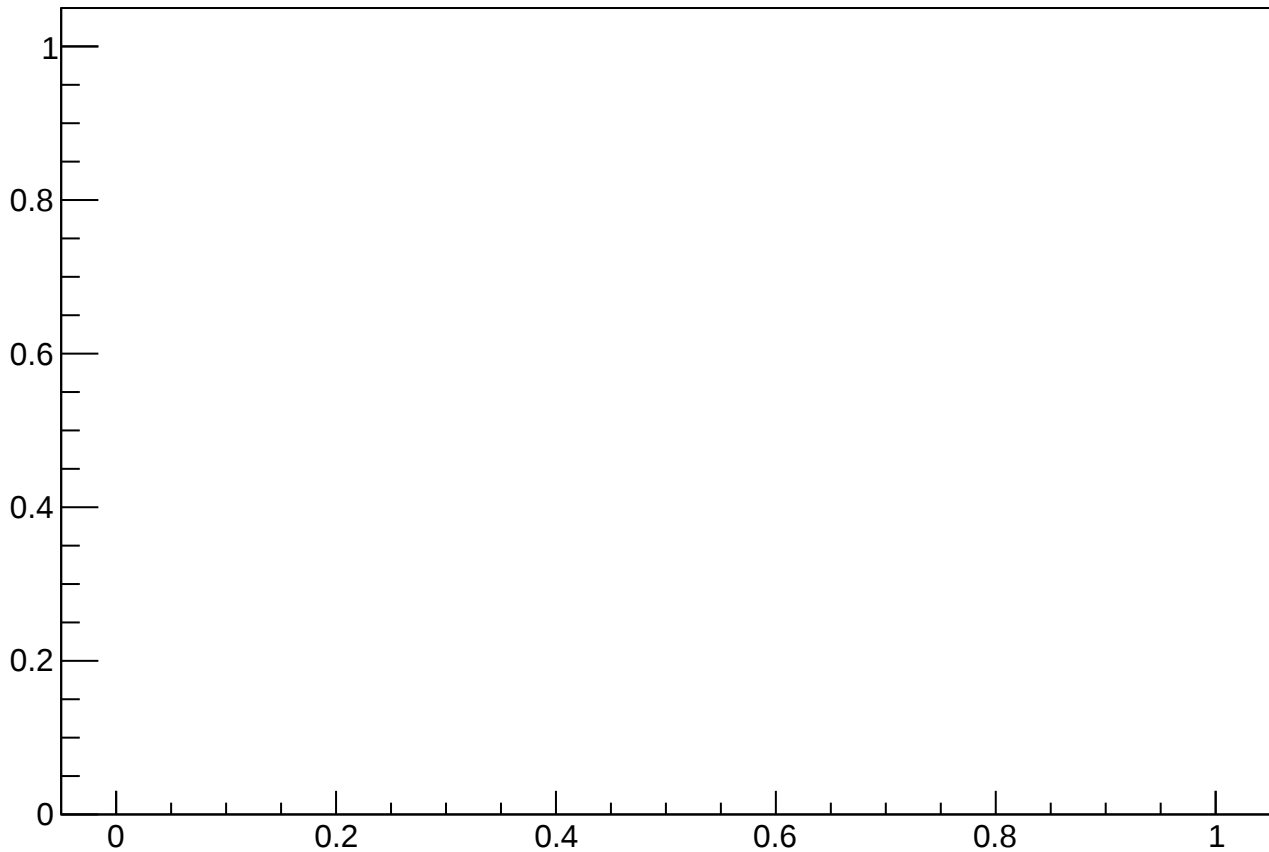
Left Out: 4034.807+/-1.302 χ^2/NDF :125083.3/8

3820.786+/-0.726 χ^2/NDF : 397249.0/23

Right Out: 3427.431+/-1.987 χ^2/NDF : 15333.9/2

Left In: 3975.894+/-1.190 χ^2/NDF :85039.8/8

yield_sam_15_dd_mean vs slug



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

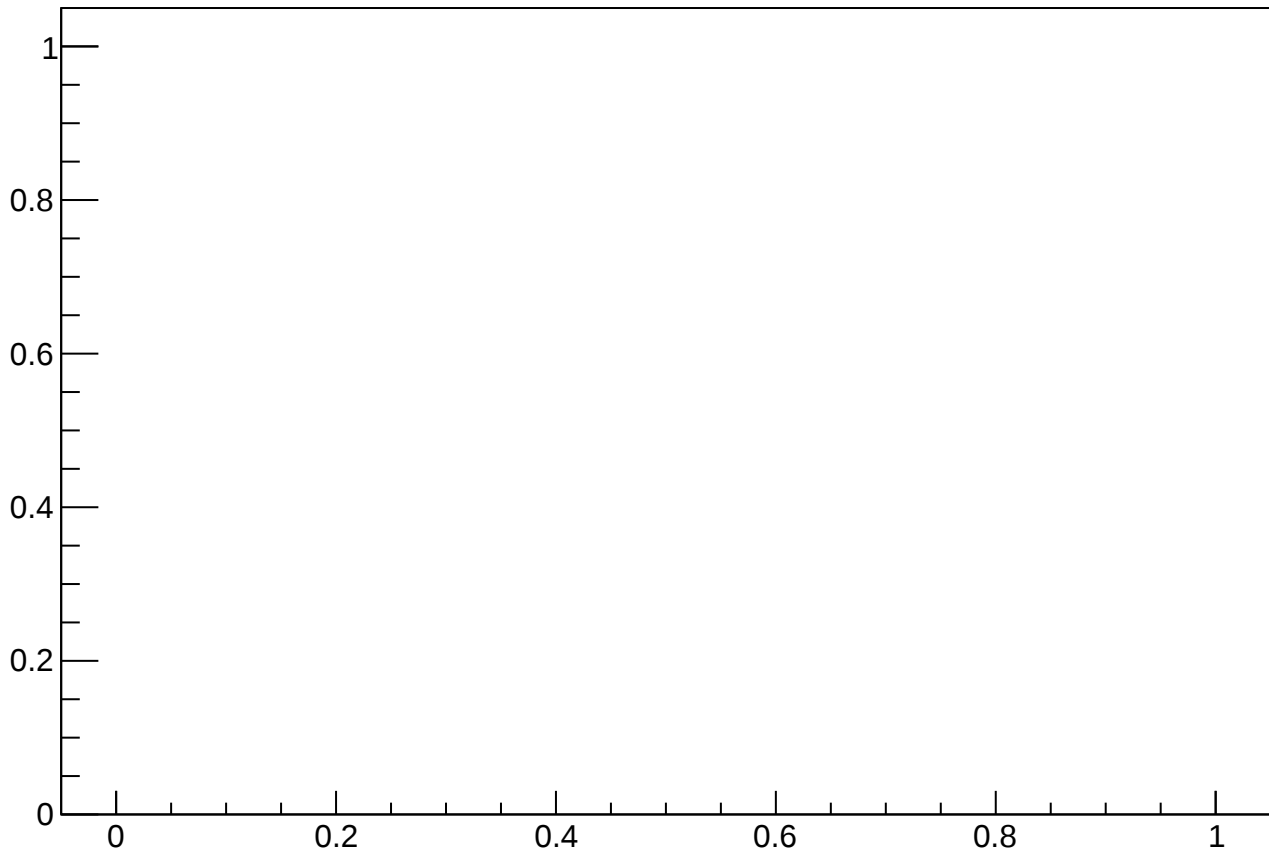
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_15_dd_rms vs slug



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

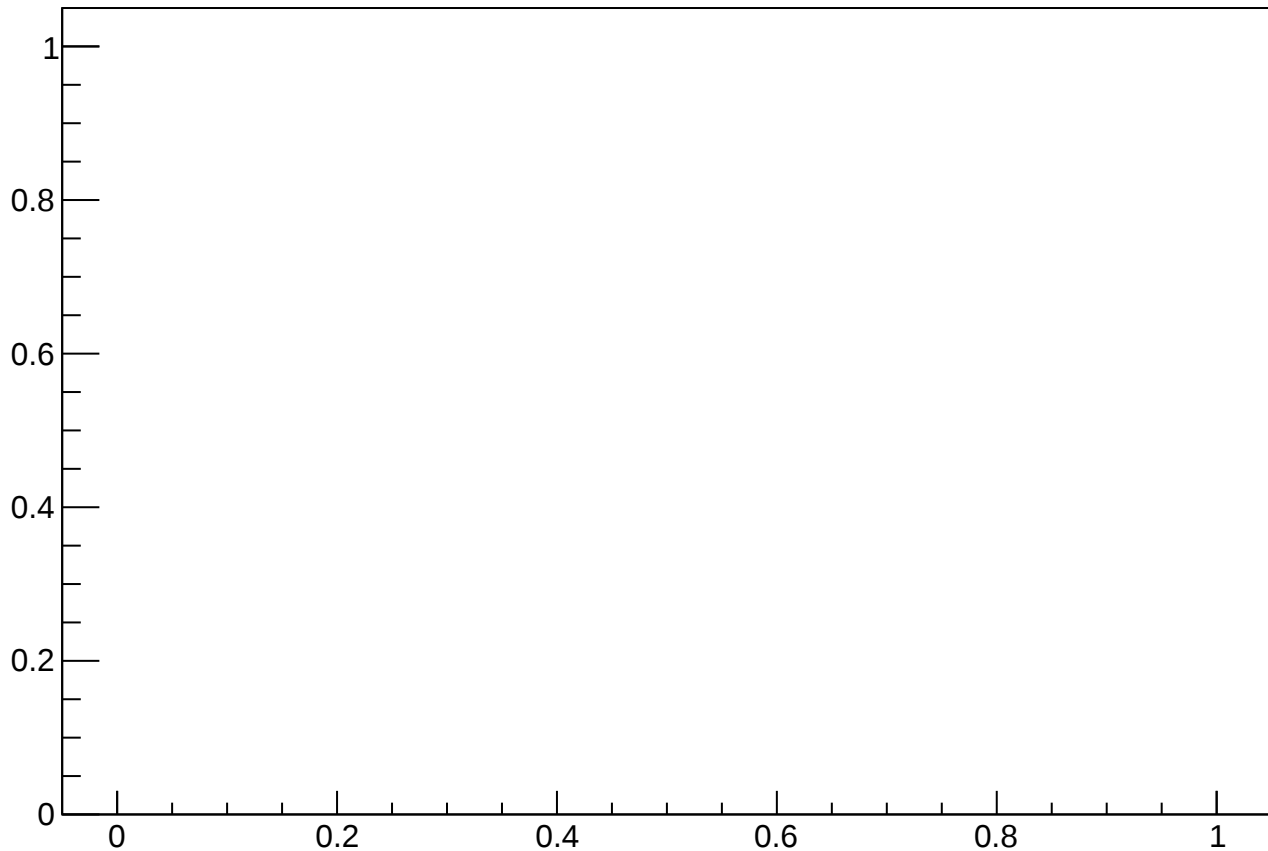
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

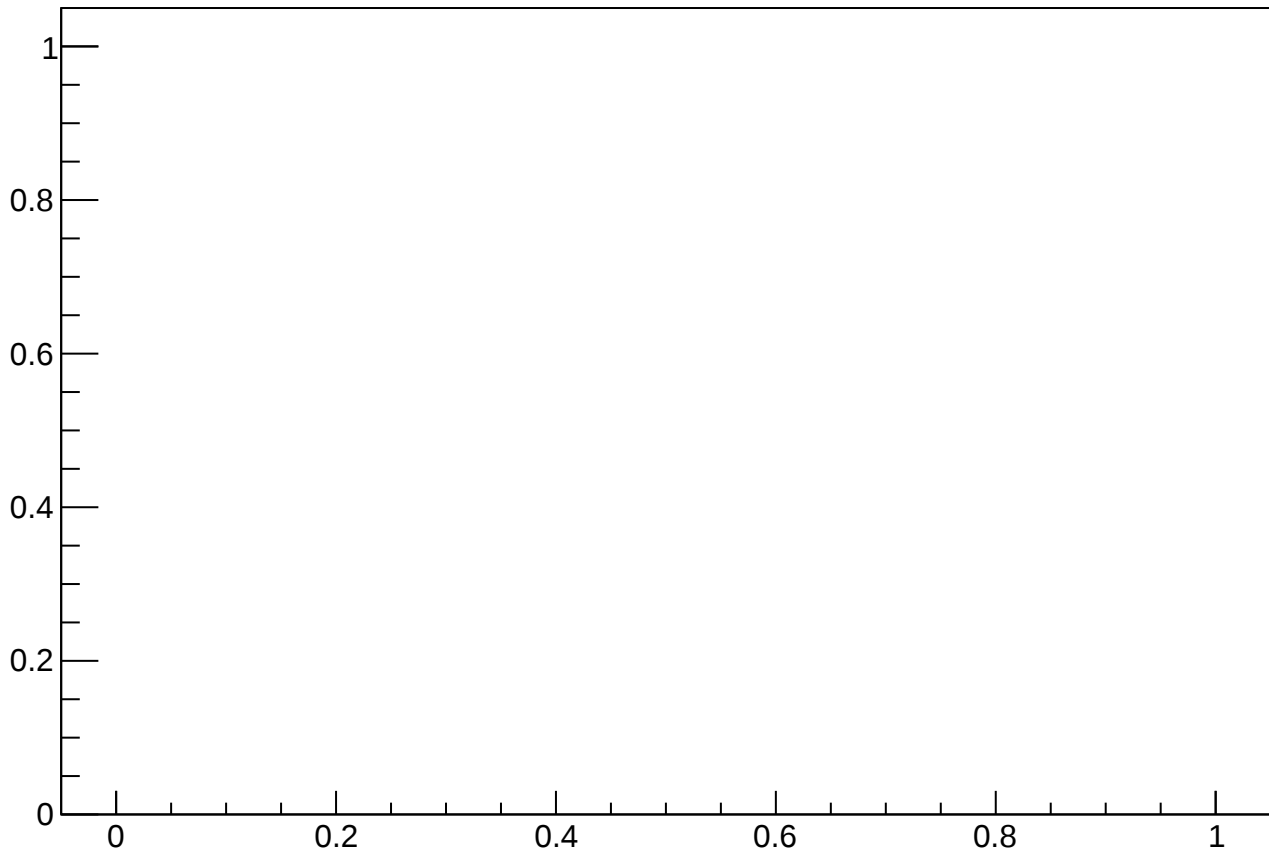
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_rms vs slug



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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

yield_sam_37_dd_mean vs slug



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

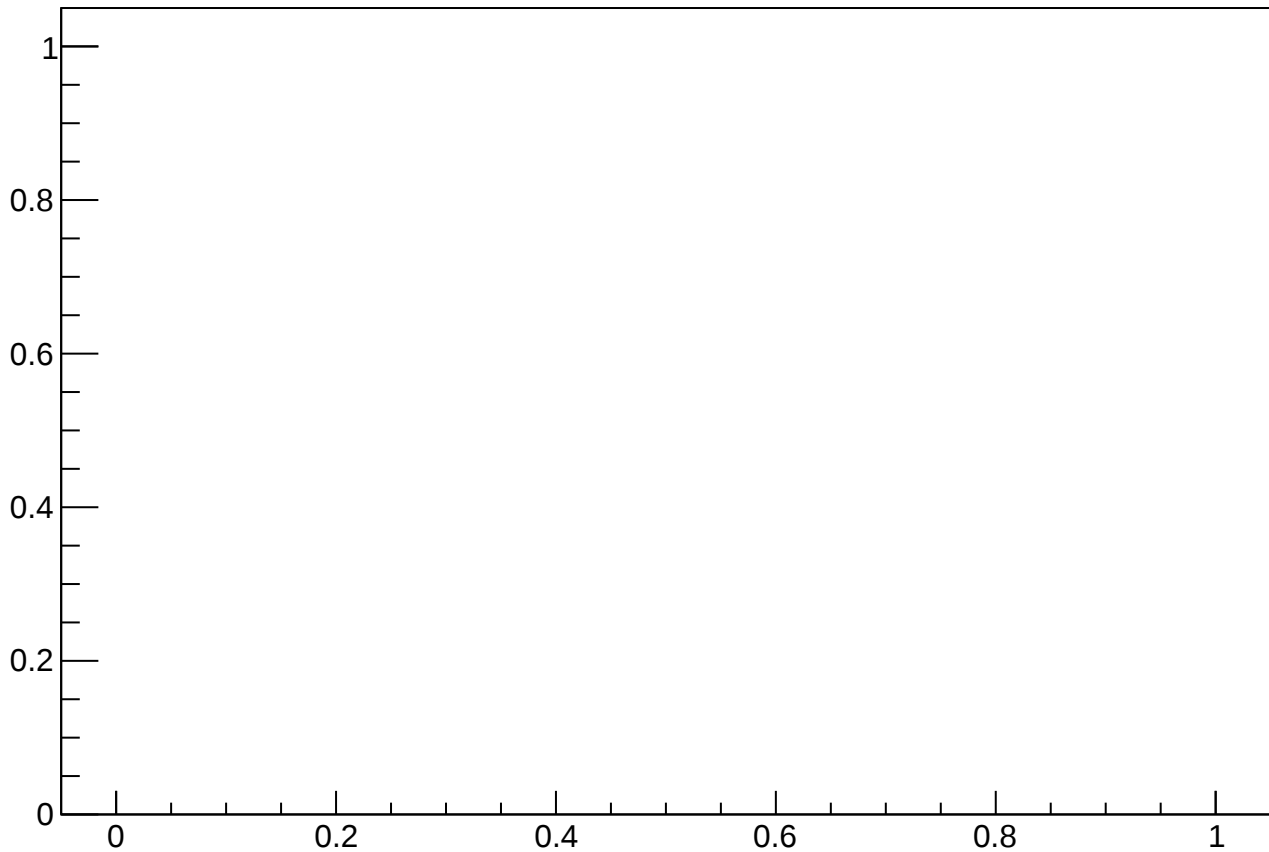
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_mean vs slug



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

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

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_dd_rms vs slug



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

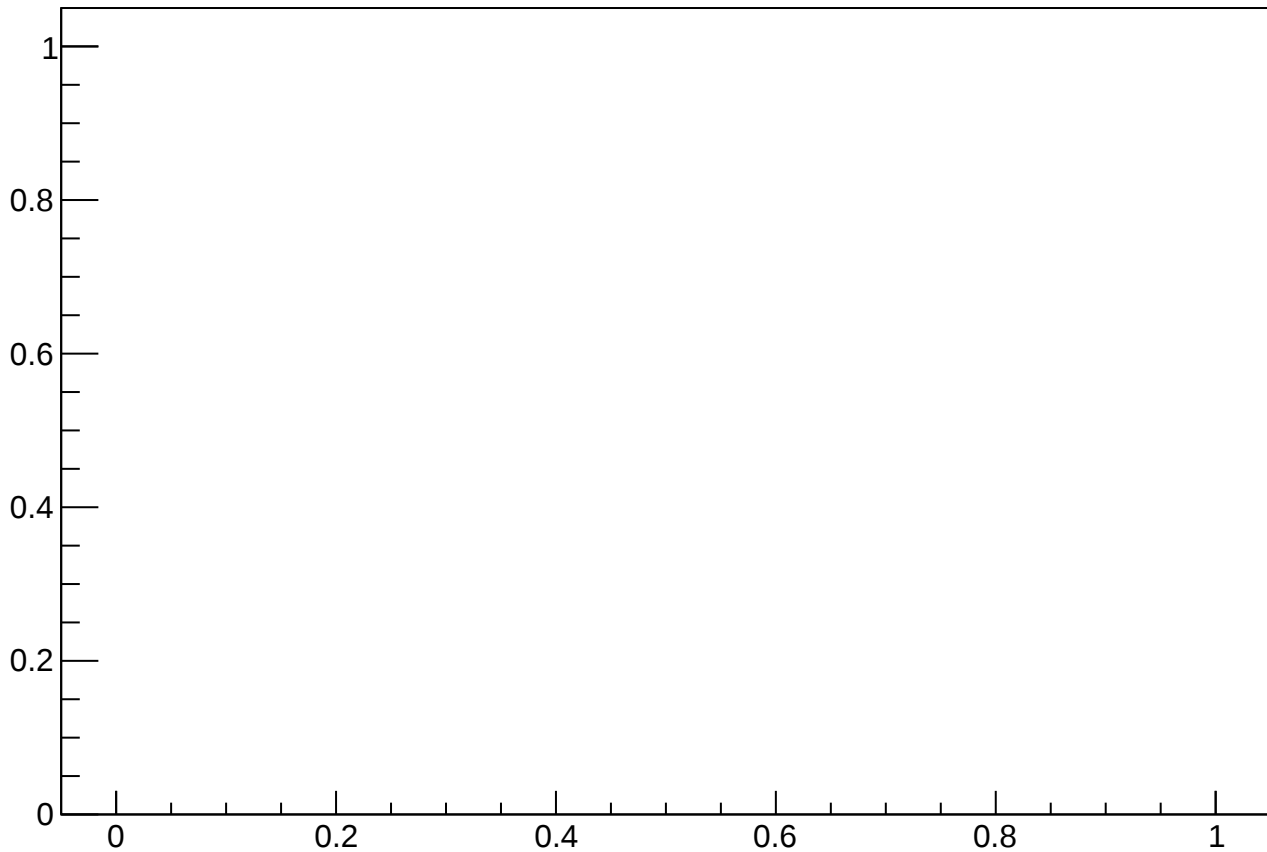
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_mean vs slug



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

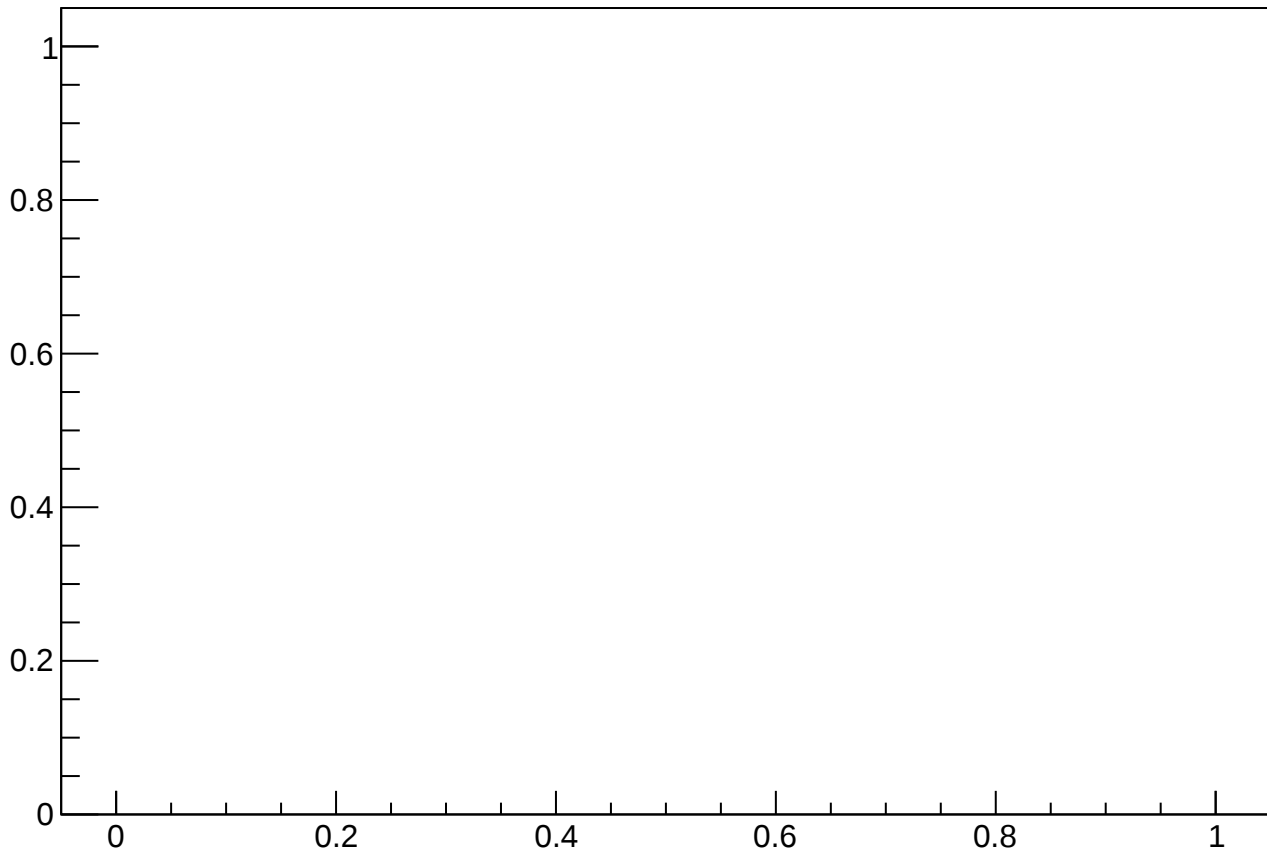
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



Right In: 0.000+/-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_mean vs slug



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

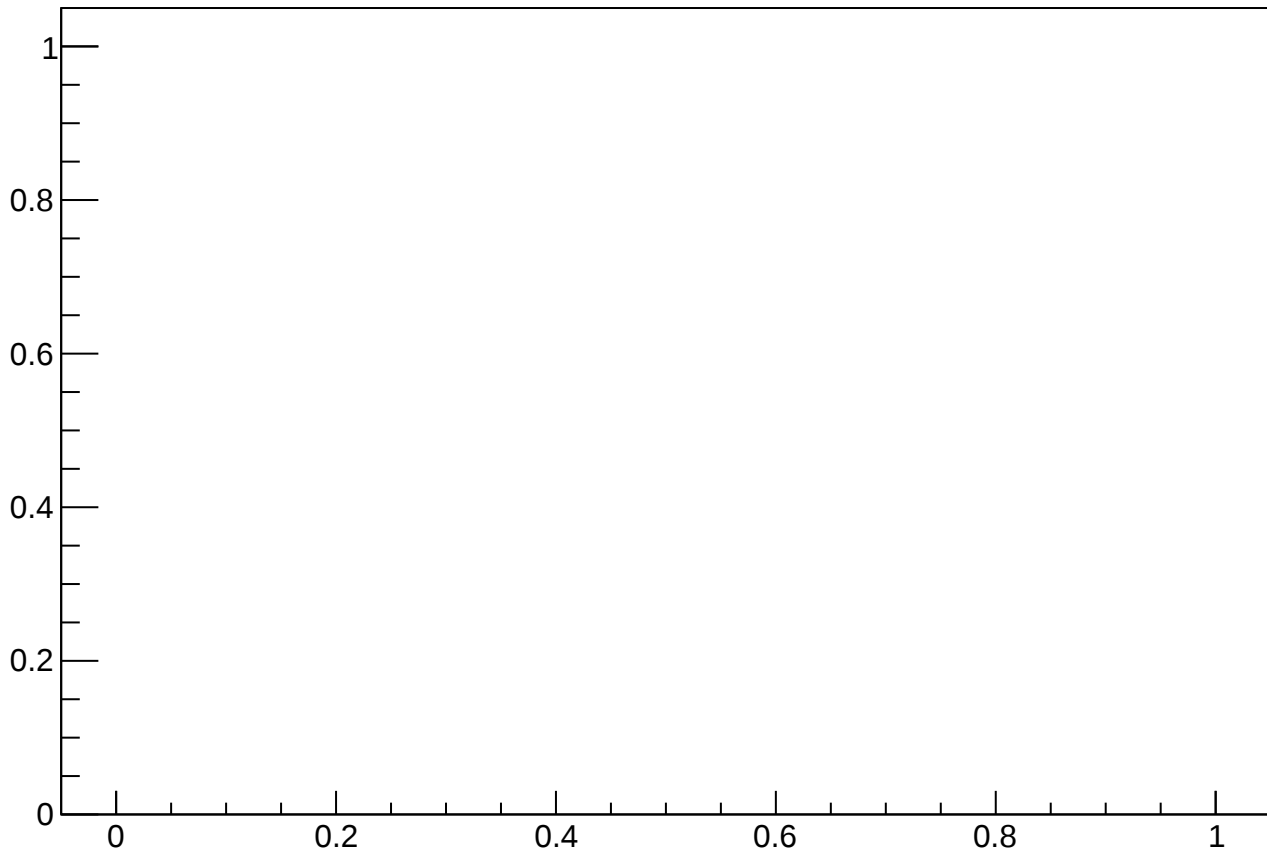
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



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

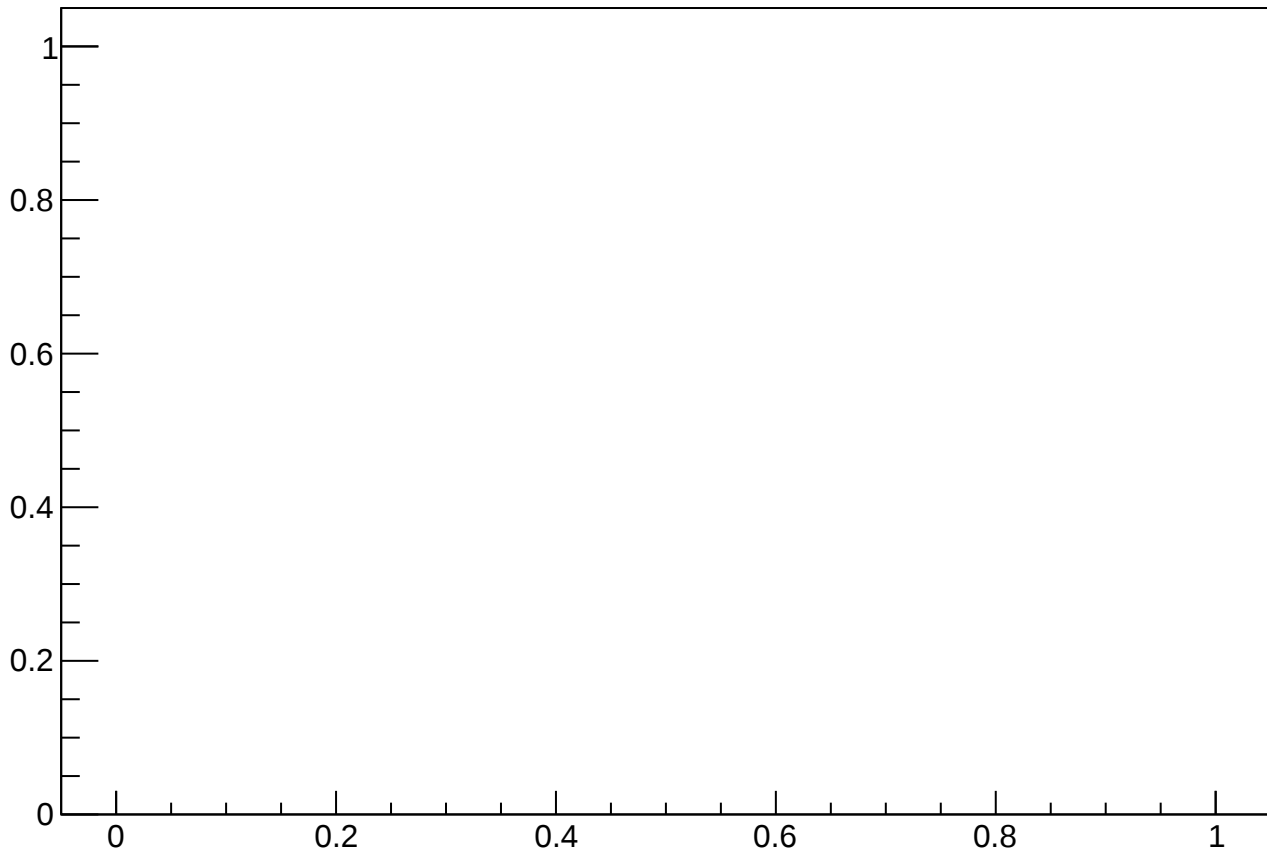
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



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

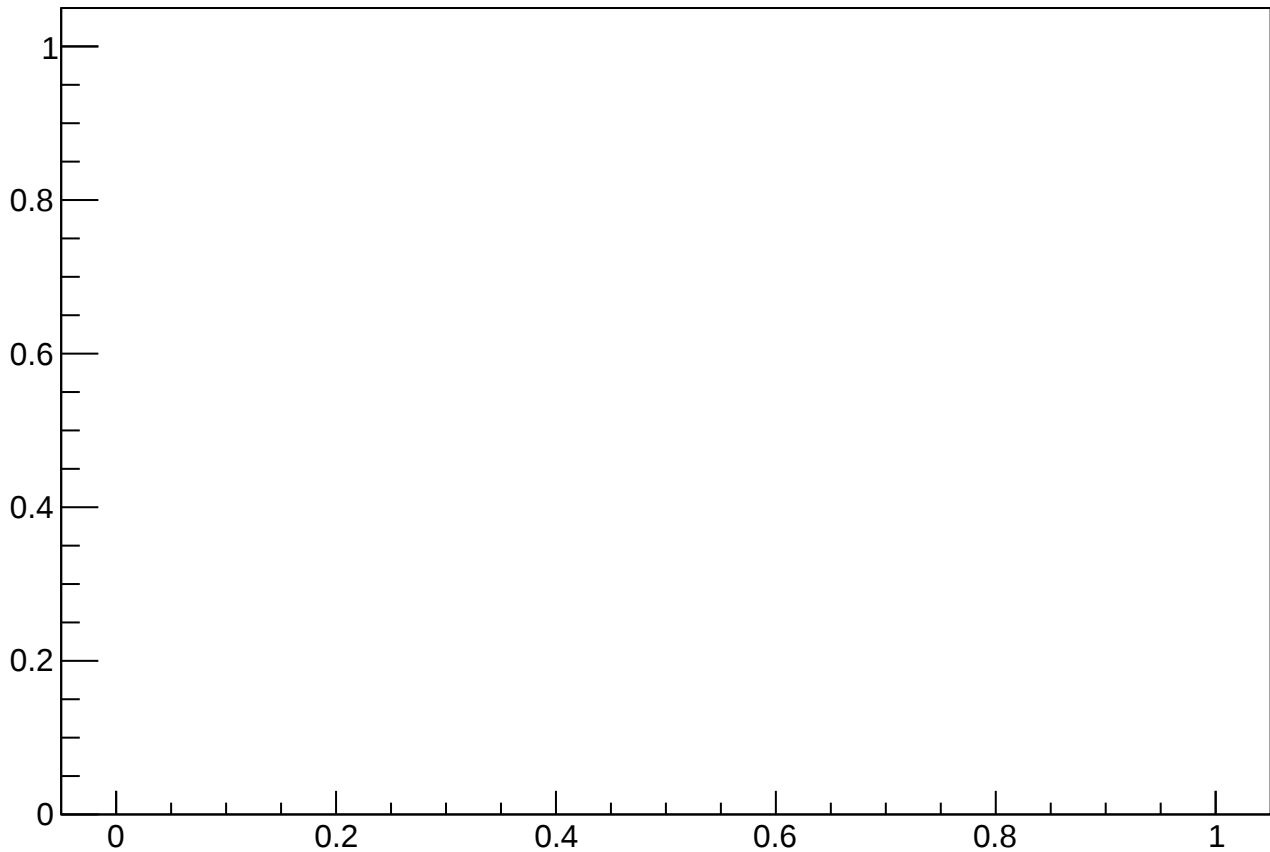
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_rms vs slug



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

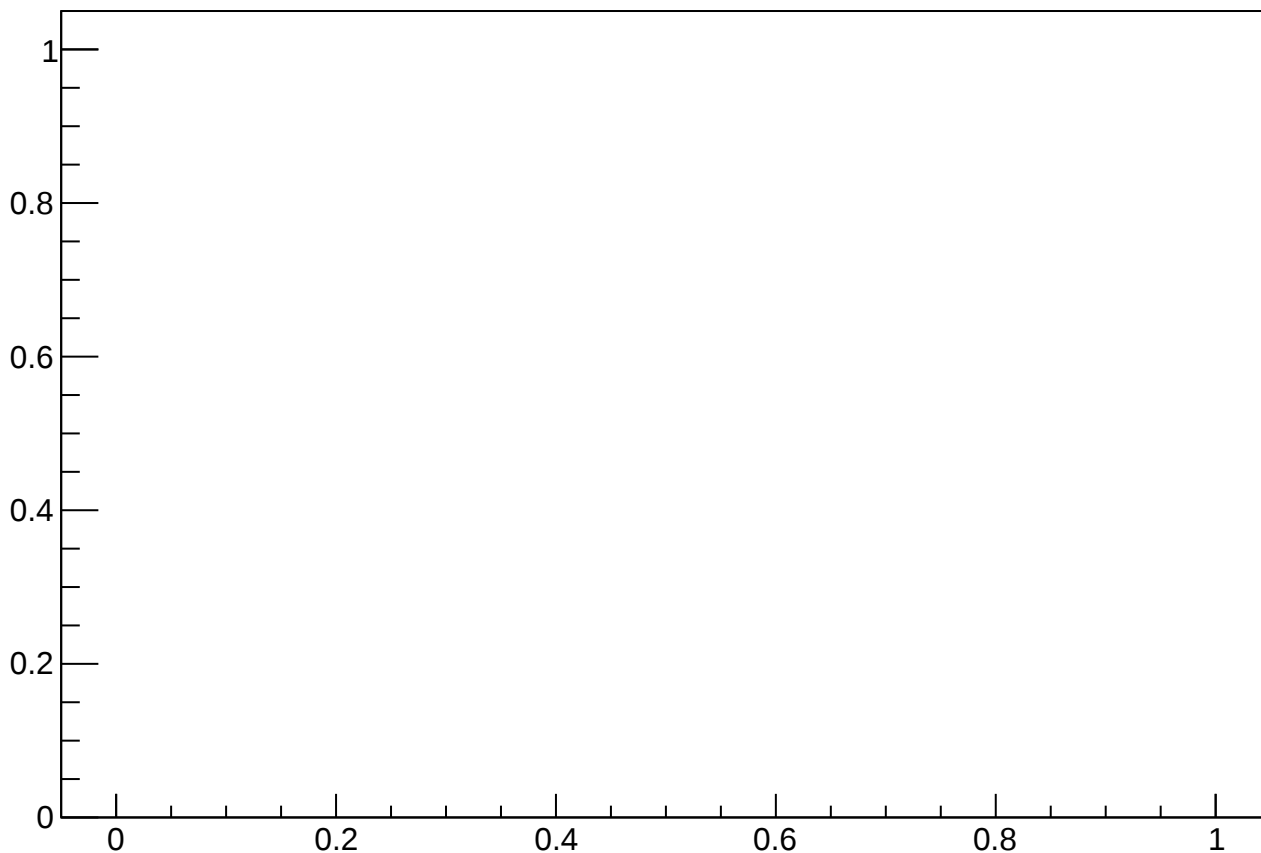
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



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

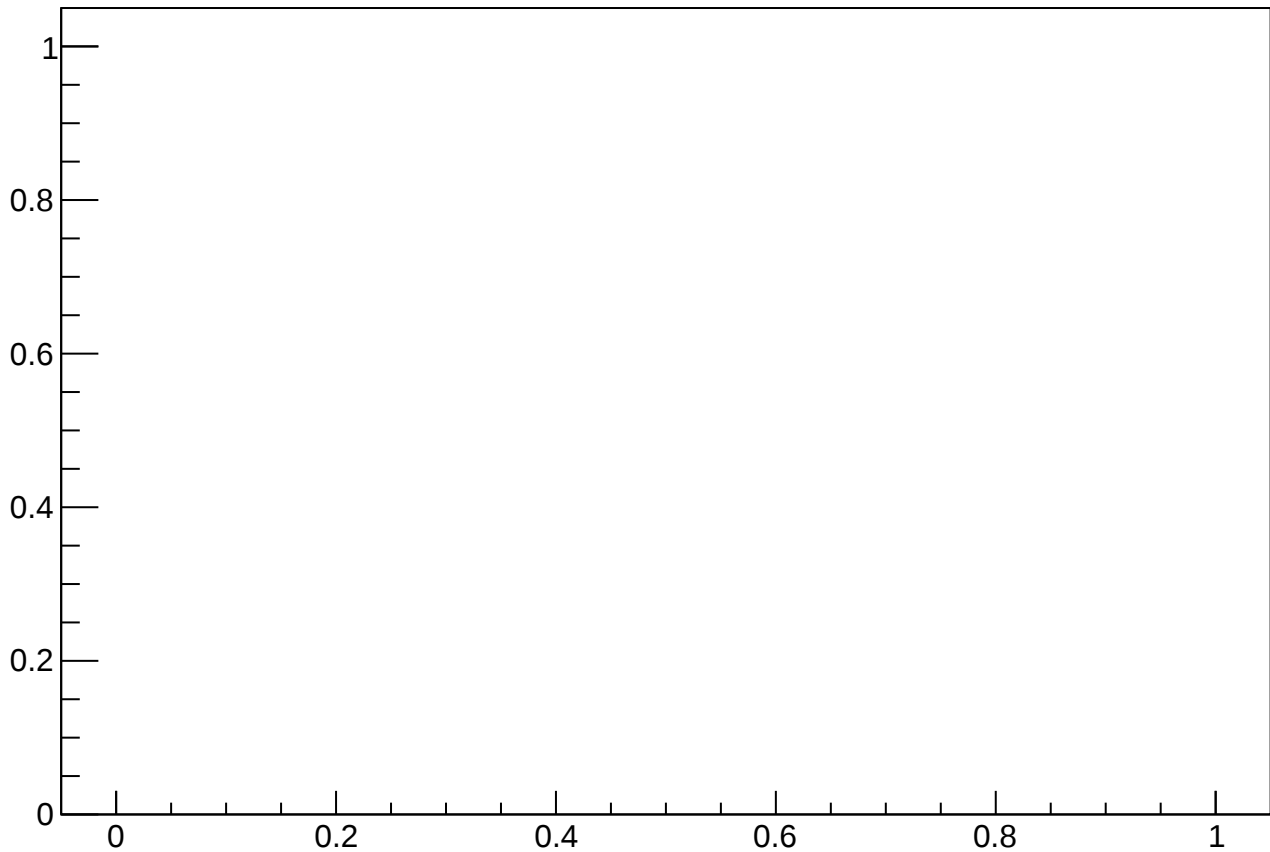
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_rms vs slug



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

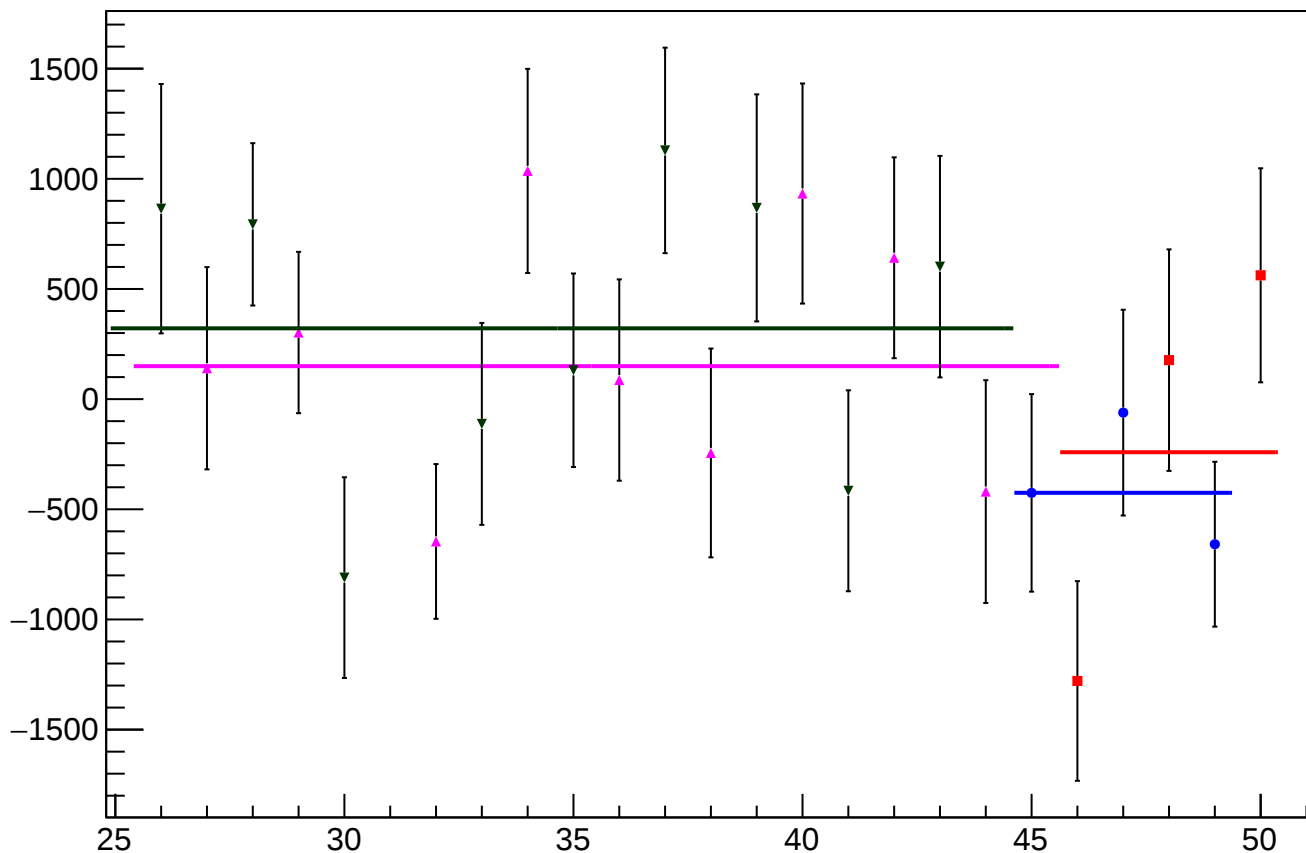
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

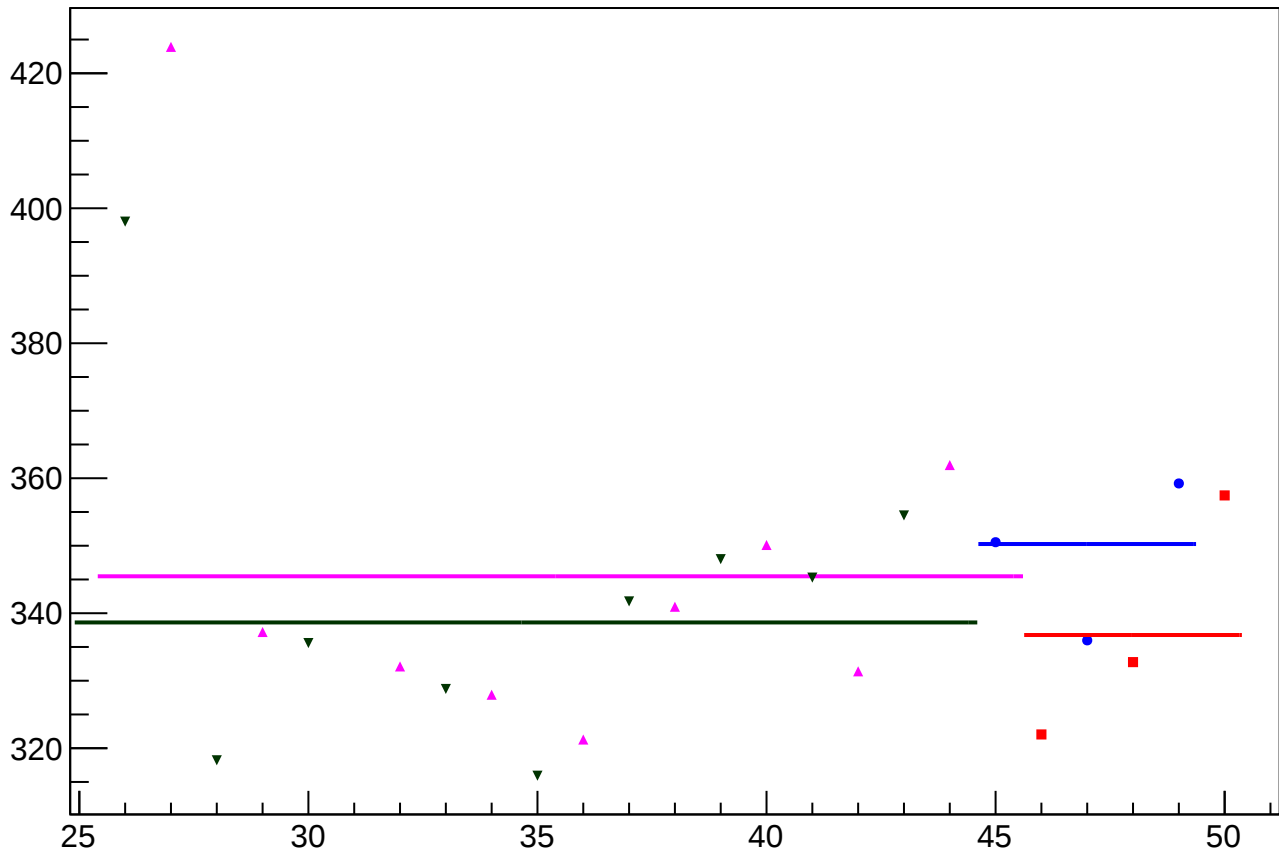
Left Out: 321.392+/-153.601 χ^2/NDF :16.9/8

Right Out: -241.003+/-276.660 χ^2/NDF : 8.7/2

Left In: 149.607+/-145.938 χ^2/NDF :14.6/8

87.276+/-91.628 χ^2/NDF : 49.4/23

reg_asym_sam_15_dd_rms vs slug



Right In: 350.253+/-0.173 χ^2/NDF : 3019.8/2

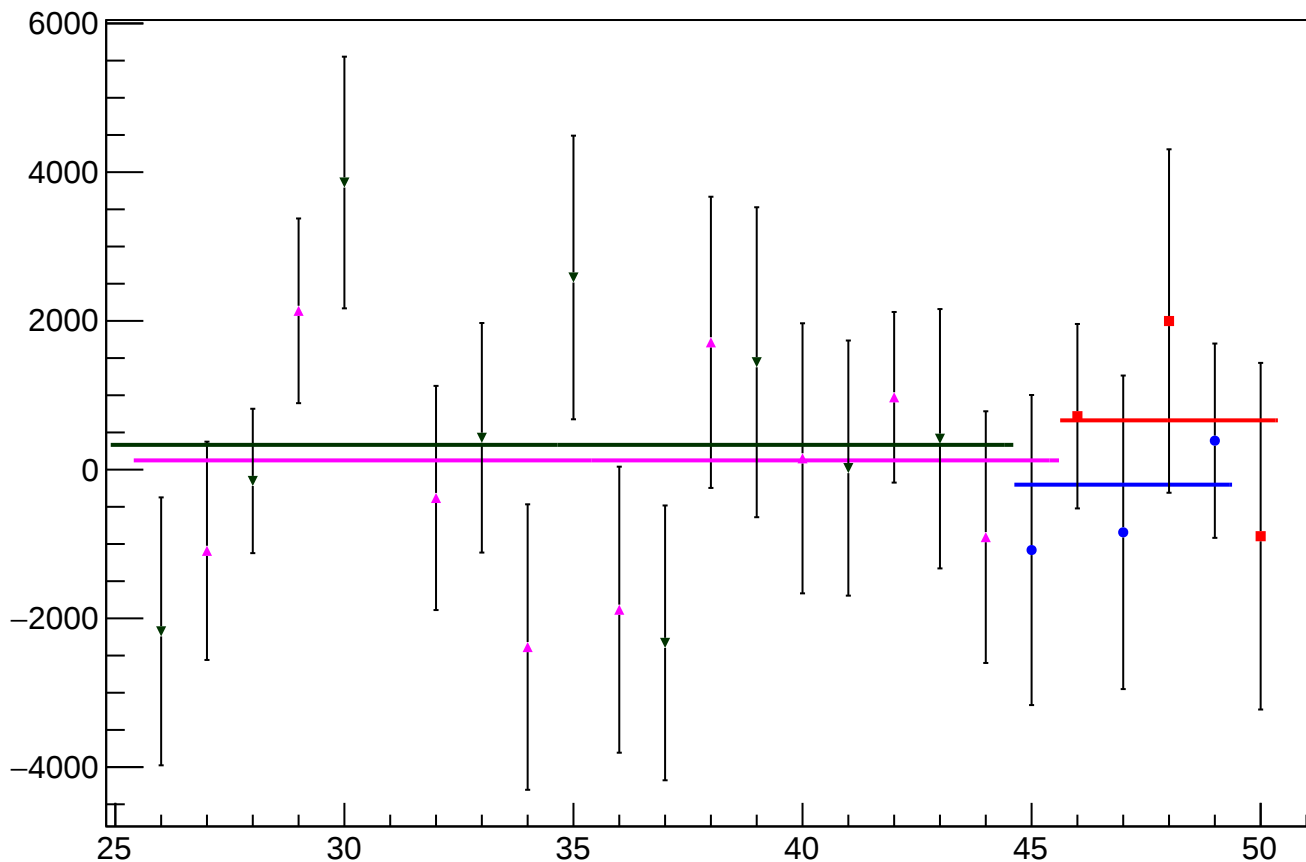
Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

Right Out: 336.773+/-0.196 χ^2/NDF : 5867.8/2

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

342.755+/-0.065 χ^2/NDF : 126697.9/23

asym_sam_15_dd_correction_mean vs slug



Right In: -202.175 $\pm$ 980.091 χ^2/NDF : 0.5/2

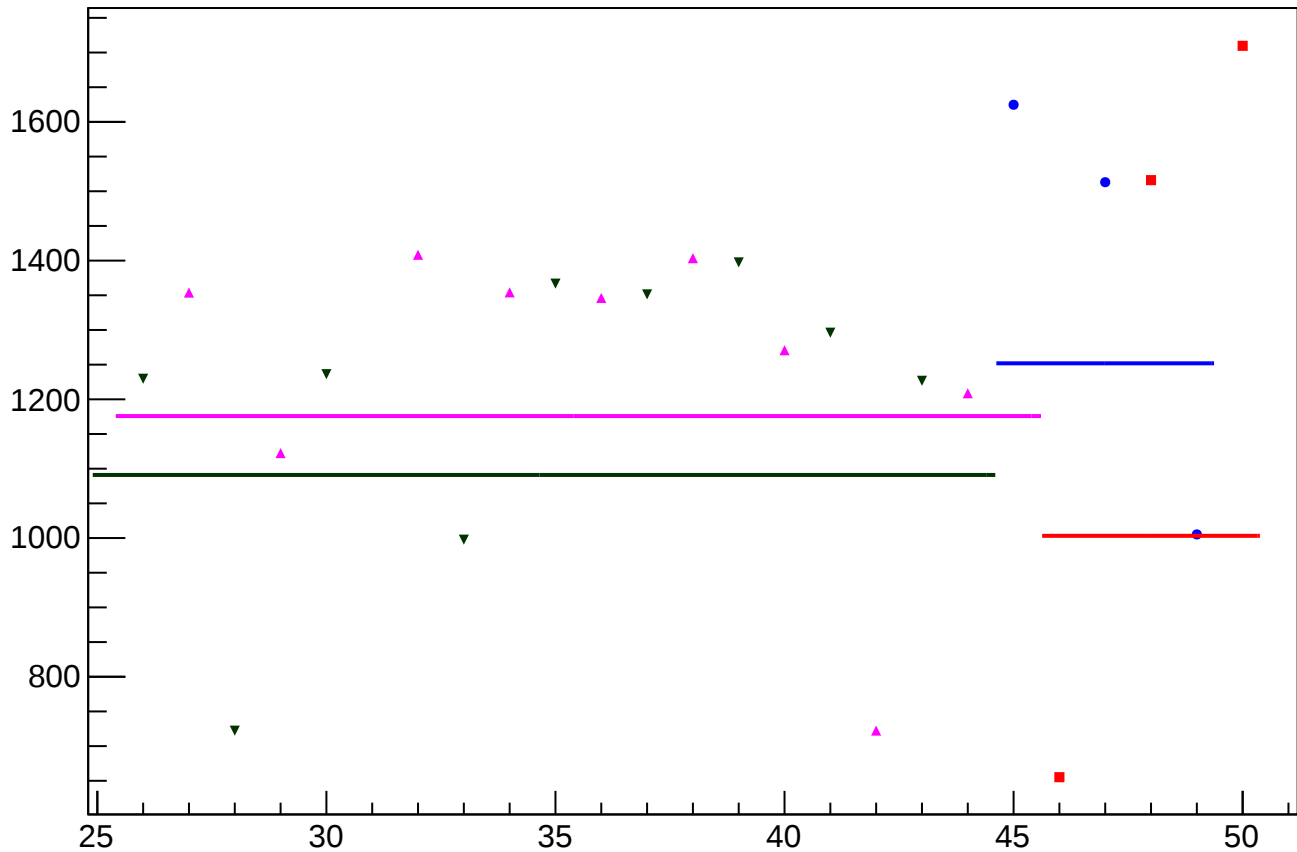
Left Out: 333.038 $\pm$ 526.643 χ^2/NDF : 10.3/8

Right Out: 662.619 $\pm$ 989.277 χ^2/NDF : 0.8/2

Left In: 124.264 $\pm$ 515.157 χ^2/NDF : 7.8/8

226.314 $\pm$ 325.534 χ^2/NDF : 19.8/23

asym_sam_15_dd_correction_rms vs slug



Right In: 1251.918 $\pm$ 0.693 χ^2 /NDF: 165961.1/2

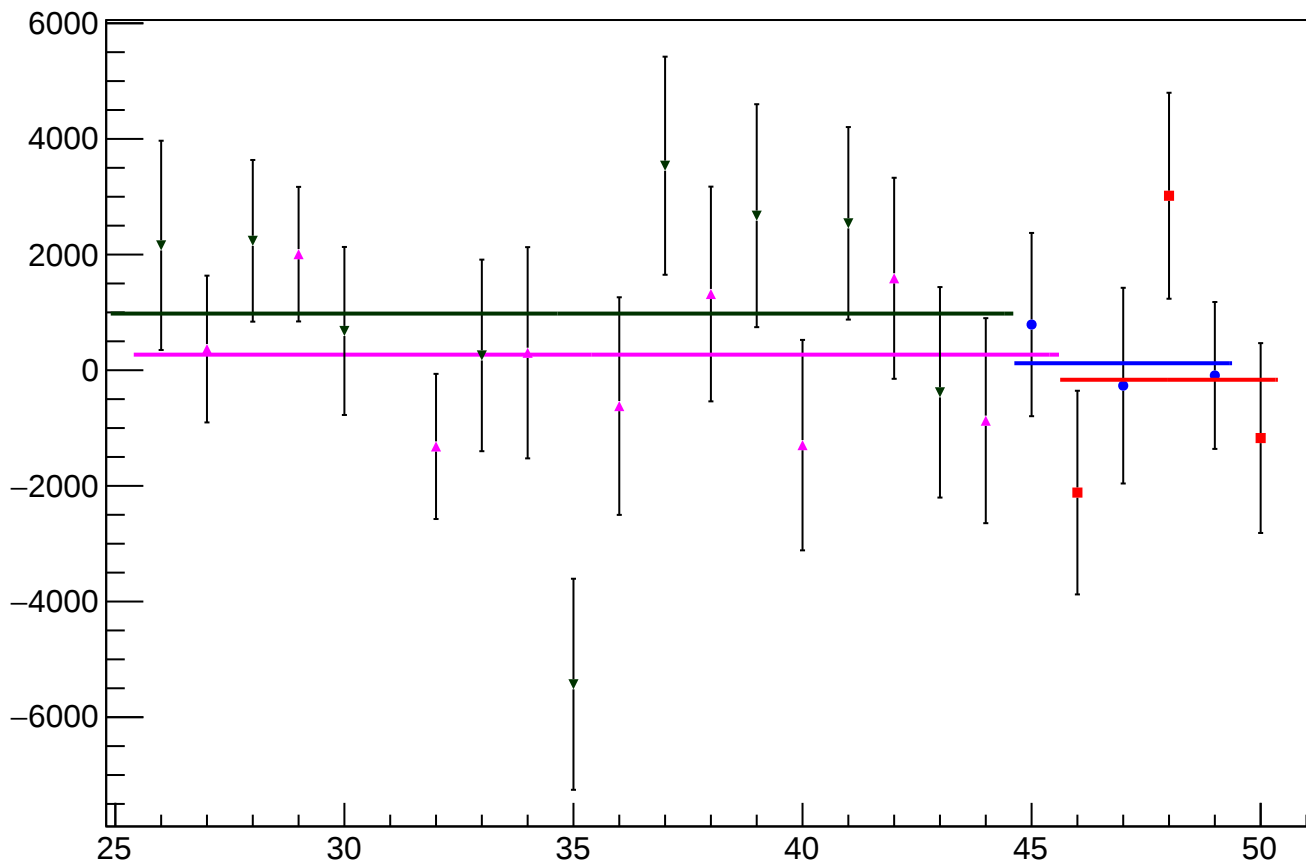
Left Out: 1090.976 $\pm$ 0.372 χ^2 /NDF: 488039.7/8

Right Out: 1003.208 $\pm$ 0.700 χ^2 /NDF: 439919.8/2

Left In: 1175.875 $\pm$ 0.364 χ^2 /NDF: 459477.1/8

1133.129 $\pm$ 0.230 χ^2 /NDF: 1643855.5/23

reg_asym_sam_26_dd_mean vs slug



Right In: 120.768 $\pm$ 855.179 χ^2 /NDF: 0.3/2

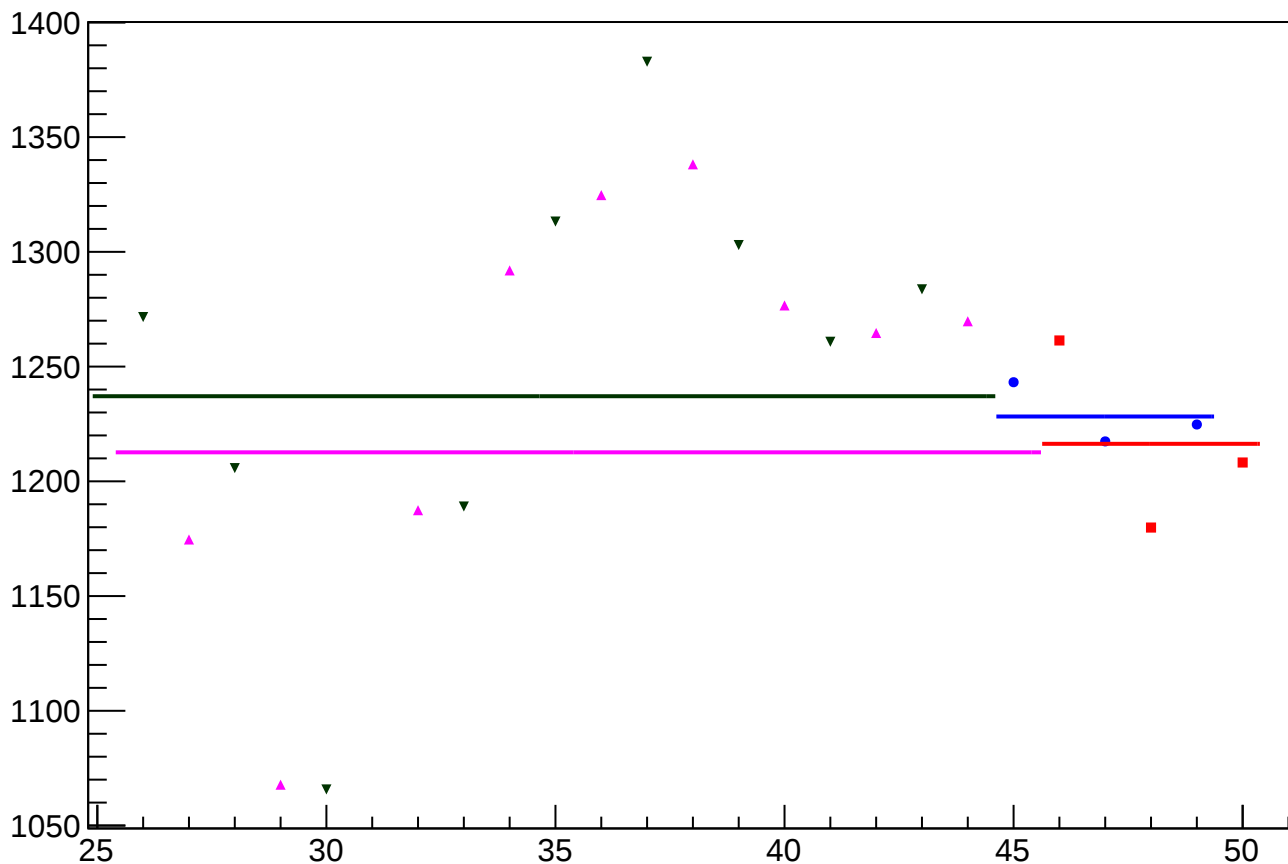
Left Out: 979.553 $\pm$ 561.753 χ^2 /NDF: 17.9/8

Right Out: -164.943 $\pm$ 995.604 χ^2 /NDF: 4.8/2

Left In: 269.305 $\pm$ 511.773 χ^2 /NDF: 6.1/8

441.203 $\pm$ 326.804 χ^2 /NDF: 30.6/23

reg_asym_sam_26_dd_rms vs slug



Right In: 1228.249+/-0.605 χ^2/NDF : 275.1/2

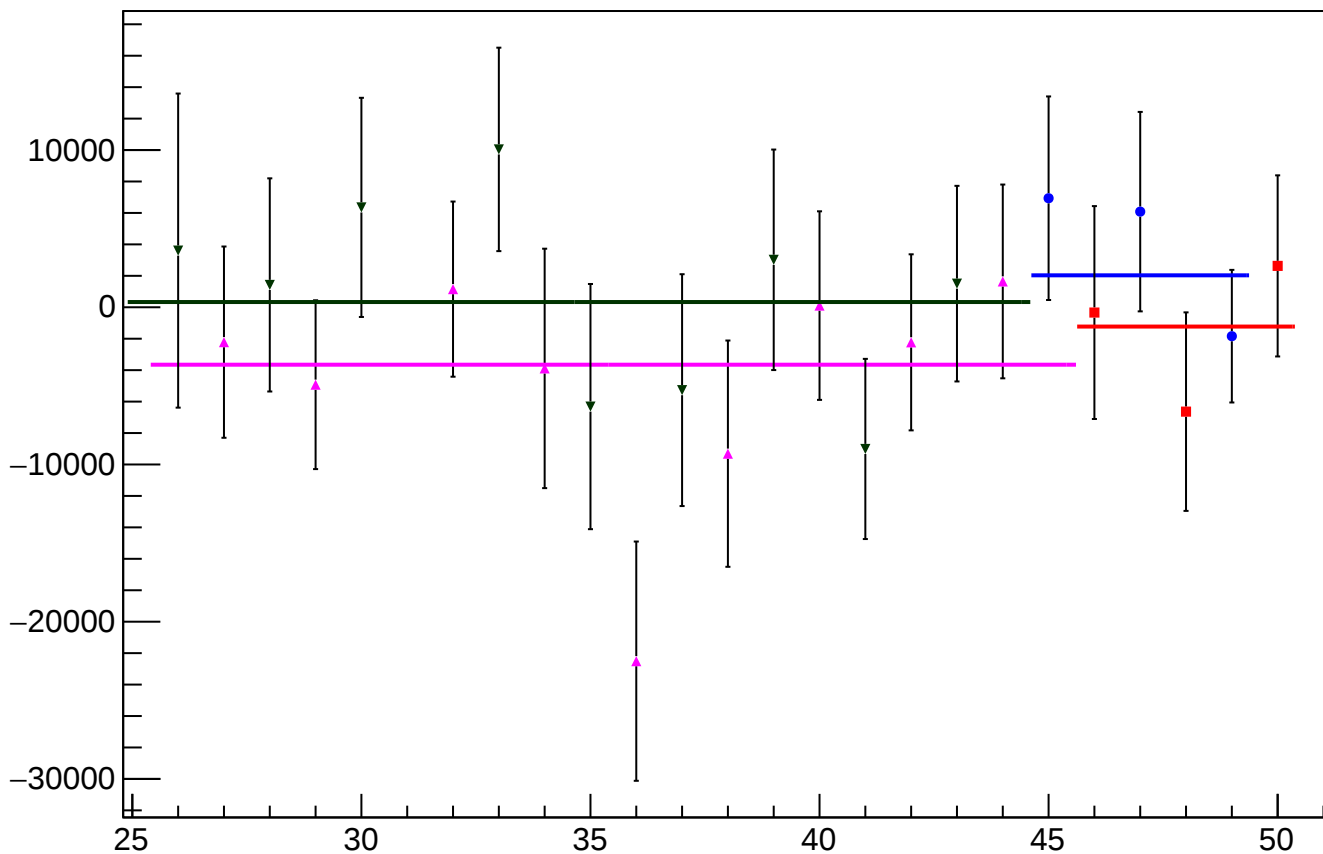
Left Out: 1237.088+/-0.397 χ^2/NDF : 50723.7/8

Right Out: 1216.343+/-0.704 χ^2/NDF : 2197.0/2

Left In: 1212.637+/-0.362 χ^2/NDF : 59937.0/8

1223.591+/-0.231 χ^2/NDF : 115368.9/23

asym_sam_26_dd_correction_mean vs slug



Right In: 2031.761 $\pm$ 3086.889 χ^2 /NDF: 1.8/2

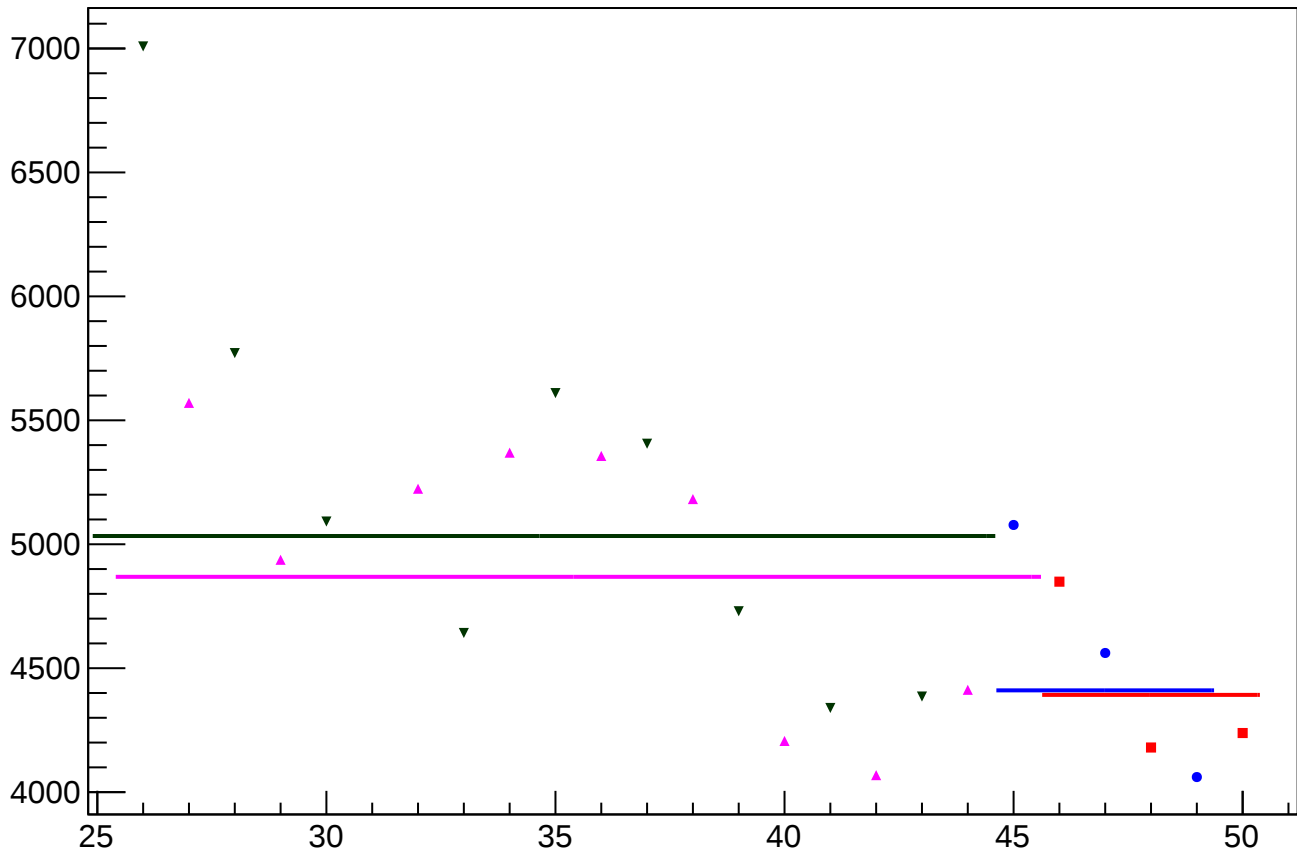
Left Out: 333.092 $\pm$ 2308.078 χ^2 /NDF: 7.3/8

Right Out: -1227.458 $\pm$ 3602.842 χ^2 /NDF: 1.2/2

Left In: -3653.482 $\pm$ 2068.125 χ^2 /NDF: 8.8/8

-1115.167 $\pm$ 1287.247 χ^2 /NDF: 22.1/23

asym_sam_26_dd_correction_rms vs slug



Right In: 4410.628+/-2.183 χ^2/NDF : 36132.2/2

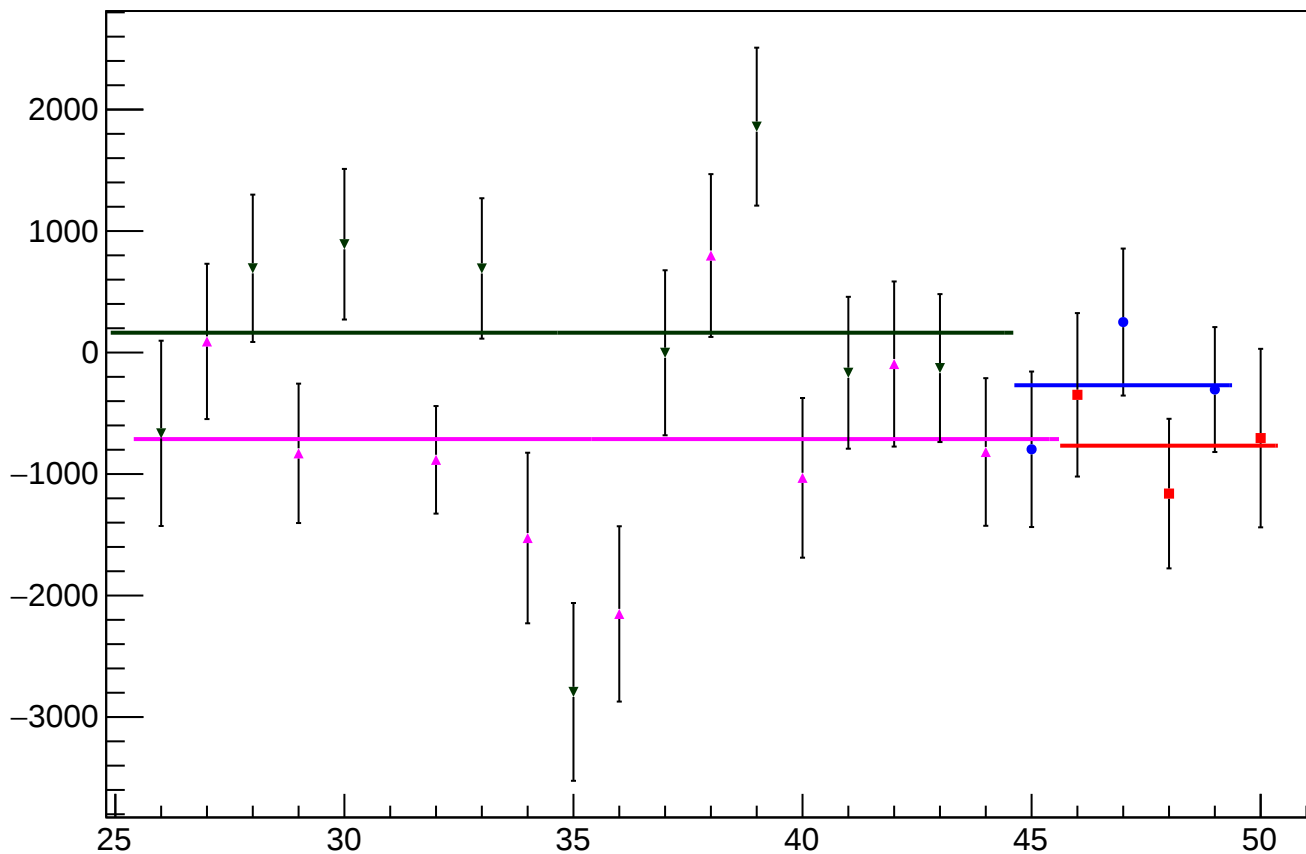
Left Out: 5033.309+/-1.632 χ^2/NDF :180086.7/8

Right Out: 4392.366+/-2.548 χ^2/NDF : 12789.2/2

Left In: 4868.659+/-1.462 χ^2/NDF :131897.8/8

4779.424+/-0.910 χ^2/NDF : 440458.6/23

reg_asym_sam_37_dd_mean vs slug



Right In: -269.179 $\pm$ 334.129 χ^2/NDF : 1.4/2

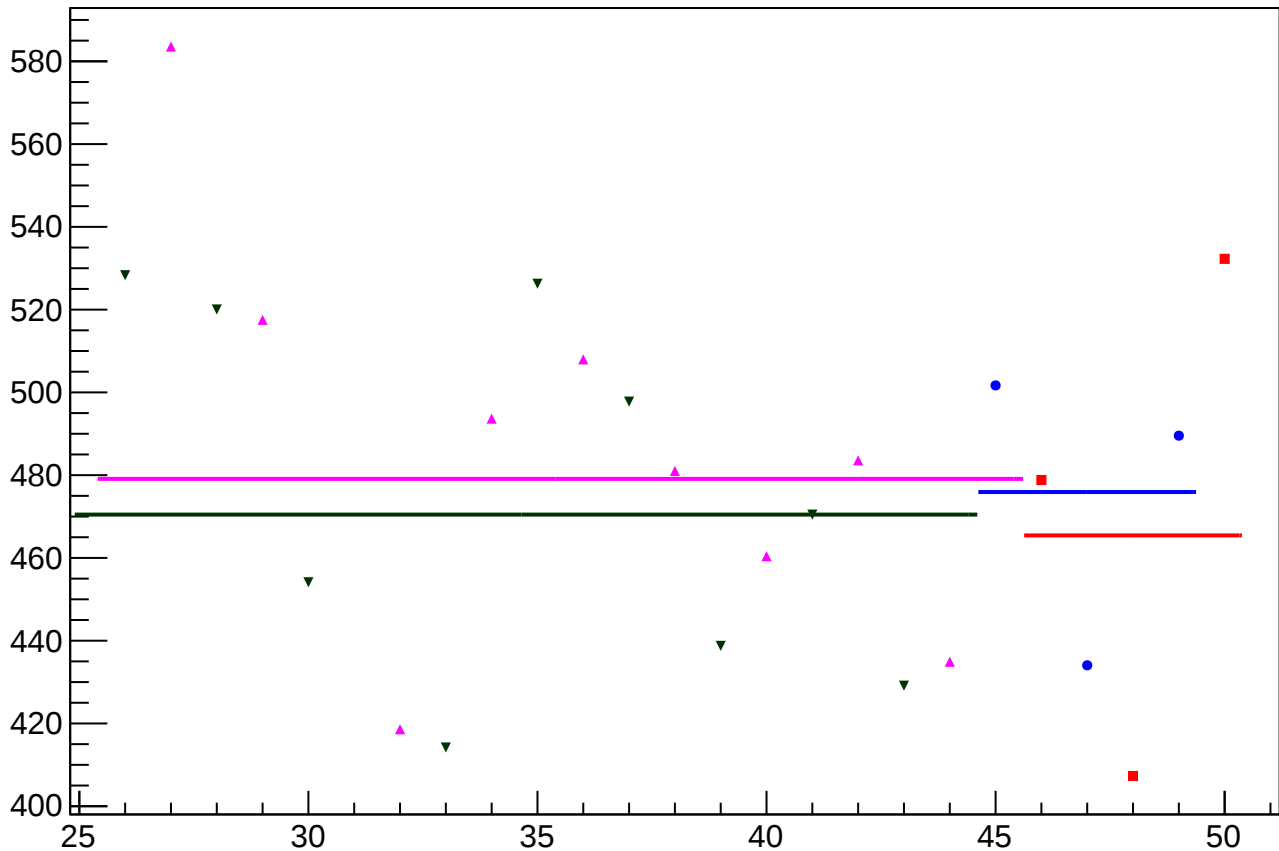
Left Out: 163.244 $\pm$ 214.677 χ^2/NDF : 27.9/8

Right Out: -766.519 $\pm$ 386.278 χ^2/NDF : 0.8/2

Left In: -712.252 $\pm$ 204.302 χ^2/NDF : 13.3/8

-343.639 $\pm$ 127.707 χ^2/NDF : 53.4/23

reg_asym_sam_37_dd_rms vs slug



Right In: 475.927 ± 0.236 $\chi^2/\text{NDF}: 14222.6/2$

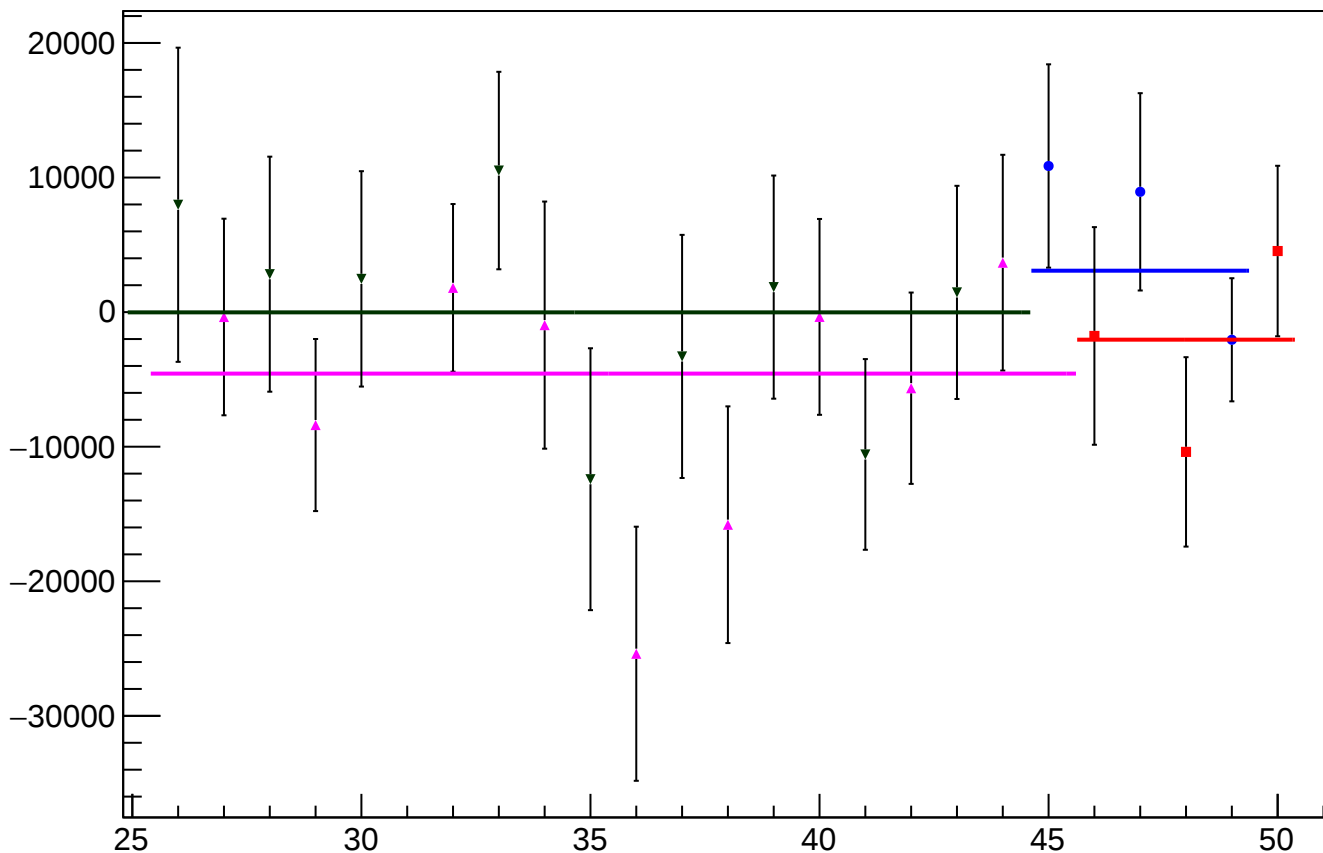
Left Out: 470.470 ± 0.152 $\chi^2/\text{NDF}: 74080.1/8$

Right Out: 465.440 ± 0.273 $\chi^2/\text{NDF}: 35181.9/2$

Left In: 479.100 ± 0.144 $\chi^2/\text{NDF}: 116132.1/8$

474.090 ± 0.090 $\chi^2/\text{NDF}: 242451.5/23$

asym_sam_37_dd_correction_mean vs slug



Right In: 3078.042 $\pm$ 3451.967 χ^2/NDF : 3.0/2

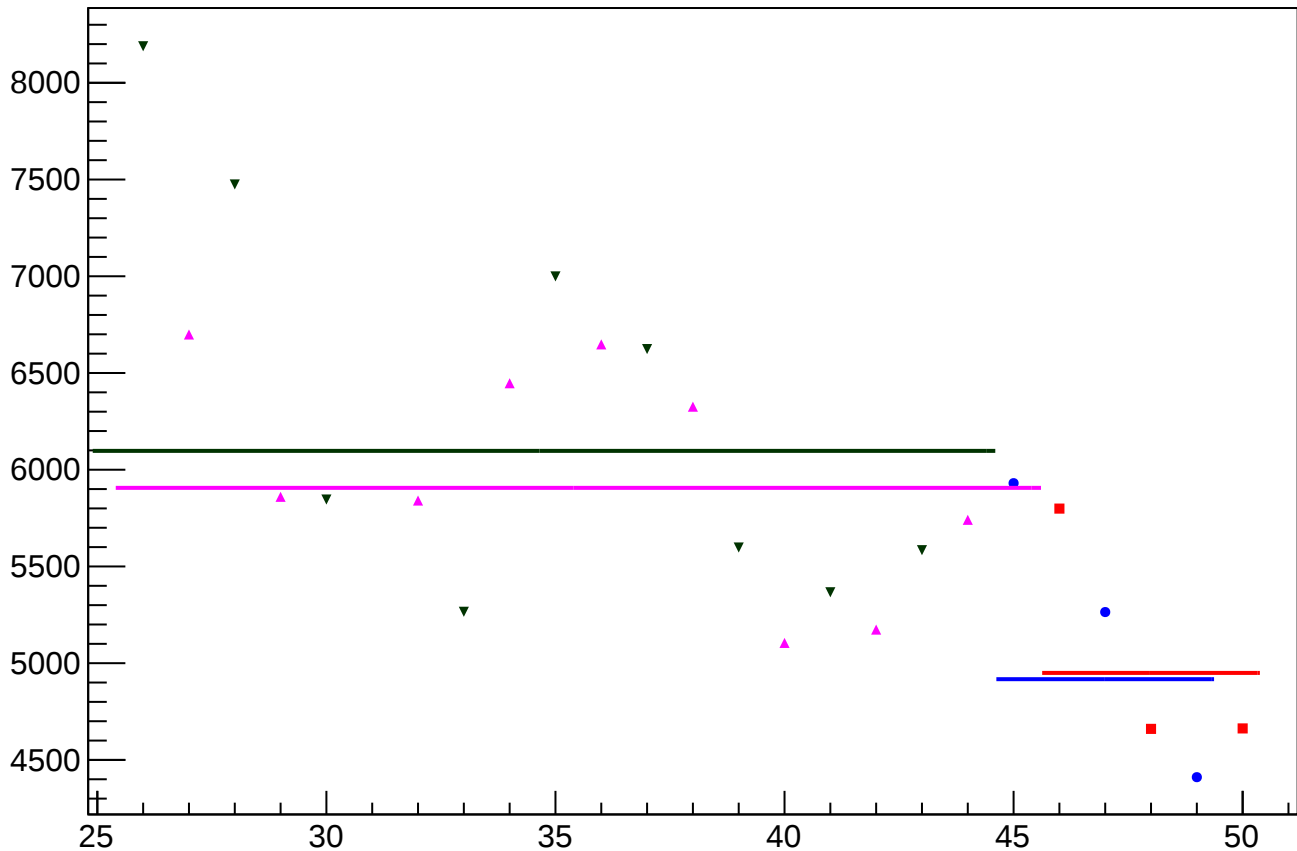
Left Out: -17.487 $\pm$ 2796.410 χ^2/NDF : 6.8/8

Right Out: -2046.930 $\pm$ 4068.763 χ^2/NDF : 2.5/2

Left In: -4568.467 $\pm$ 2506.032 χ^2/NDF : 9.8/8

-1379.146 $\pm$ 1522.448 χ^2/NDF : 25.6/23

asym_sam_37_dd_correction_rms vs slug



Right In: 4917.306+/-2.441 χ^2 /NDF: 64976.1/2

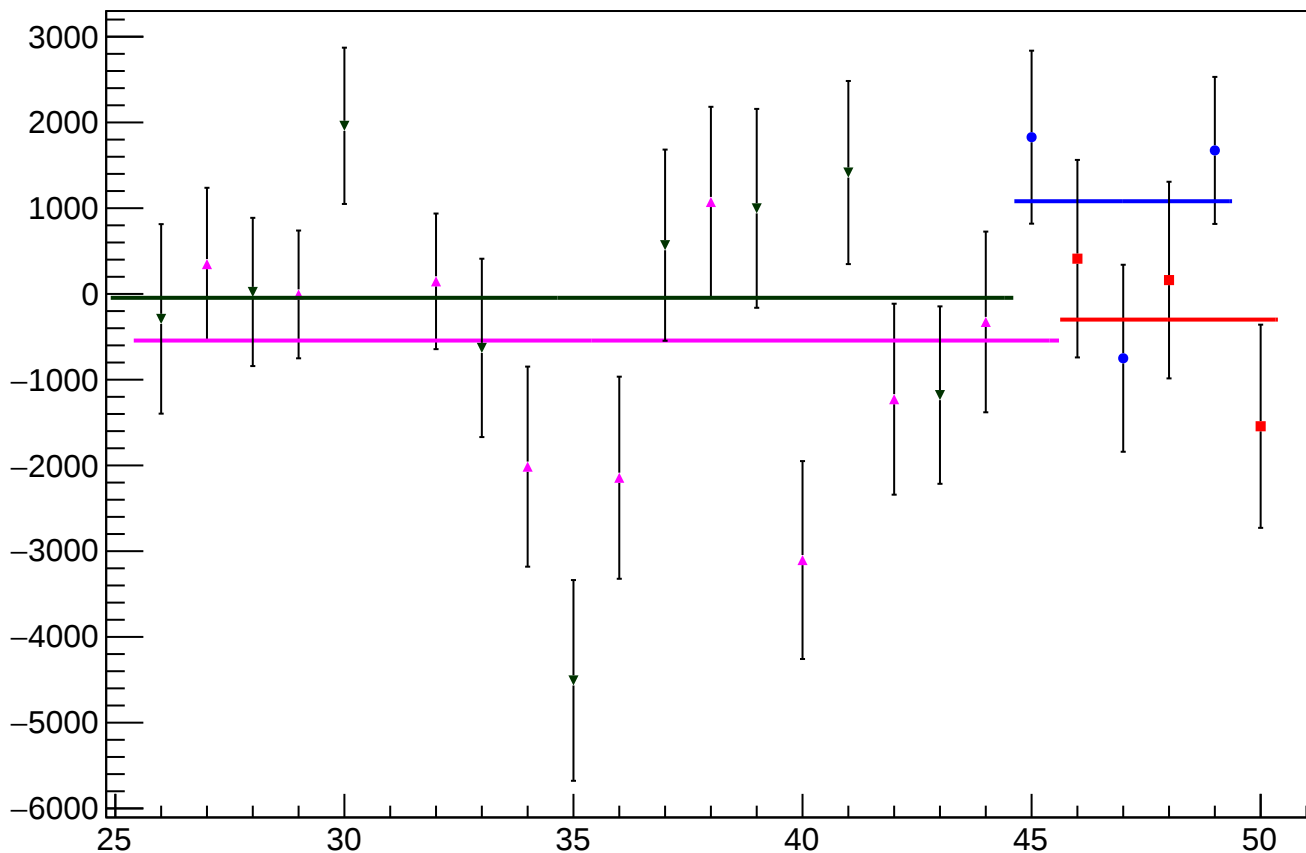
Left Out: 6097.446+/-1.977 χ^2 /NDF:202537.0/8

5636.649+/-1.077 χ^2 /NDF: 612446.9/23

Right Out: 4949.716+/-2.877 χ^2 /NDF: 29547.9/2

Left In: 5906.293+/-1.772 χ^2 /NDF:94067.7/8

reg_asym_sam_48_dd_mean vs slug



Right In: 1081.224+/-560.414 χ^2/NDF : 3.8/2

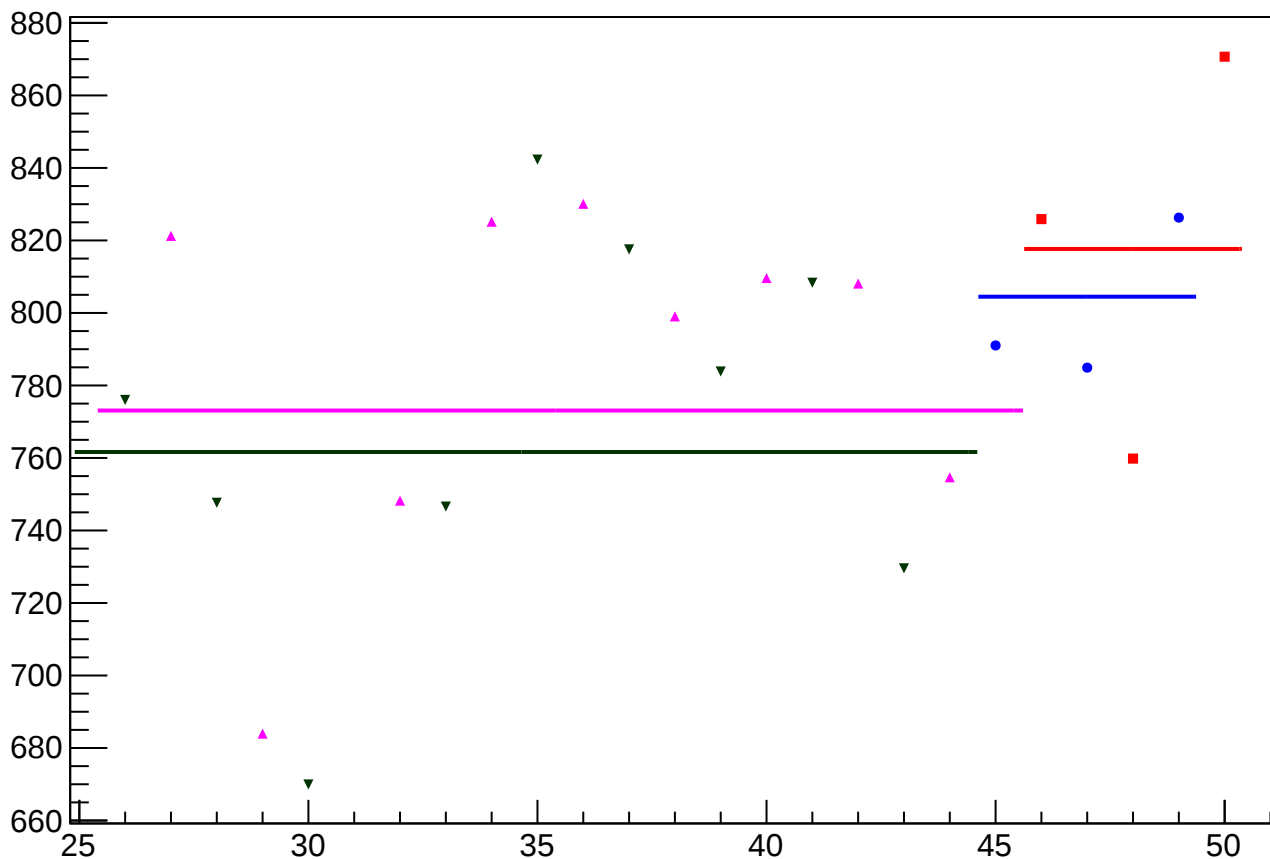
Left Out: -45.235+/-345.547 χ^2/NDF : 23.9/8

Right Out: -299.259+/-670.135 χ^2/NDF : 1.6/2

Left In: -543.555+/-326.377 χ^2/NDF : 13.2/8

-116.740+/-207.732 χ^2/NDF : 49.0/23

reg_asym_sam_48_dd_rms vs slug



Right In: 804.484+/-0.396 χ^2/NDF : 2294.0/2

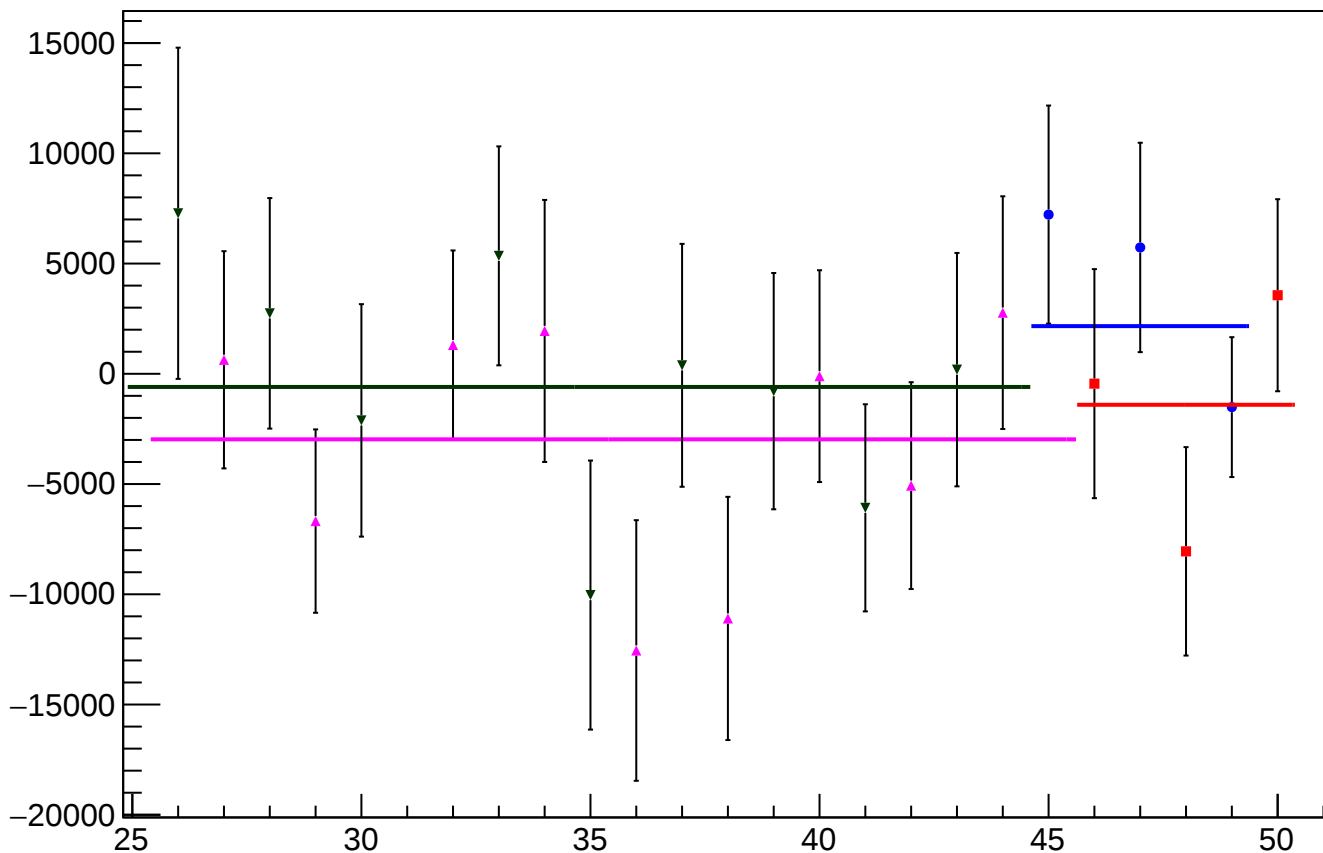
Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

Right Out: 817.653+/-0.474 χ^2/NDF : 9194.0/2

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

777.550+/-0.147 χ^2/NDF : 121221.0/23

asym_sam_48_dd_correction_mean vs slug



Right In: 2161.796+/-2327.411 χ^2/NDF : 3.0/2

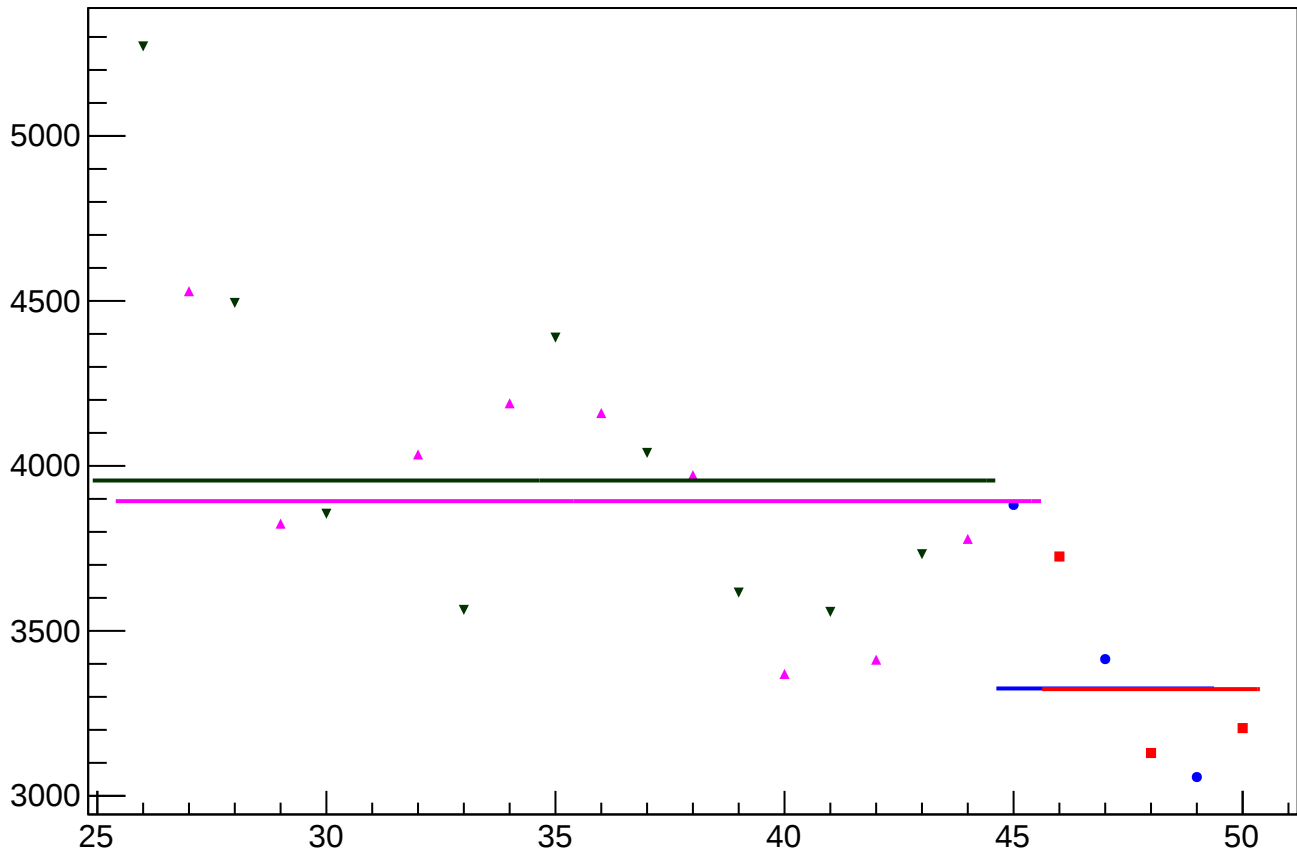
Left Out: -596.718+/-1806.172 χ^2/NDF : 6.8/8

-1073.389+/-1003.189 χ^2/NDF : 26.0/23

Right Out: -1405.353+/-2726.203 χ^2/NDF : 3.3/2

Left In: -2972.241+/-1648.547 χ^2/NDF : 9.5/8

asym_sam_48_dd_correction_rms vs slug



Right In: 3325.448 ± 1.646 χ^2/NDF : 40329.3/2

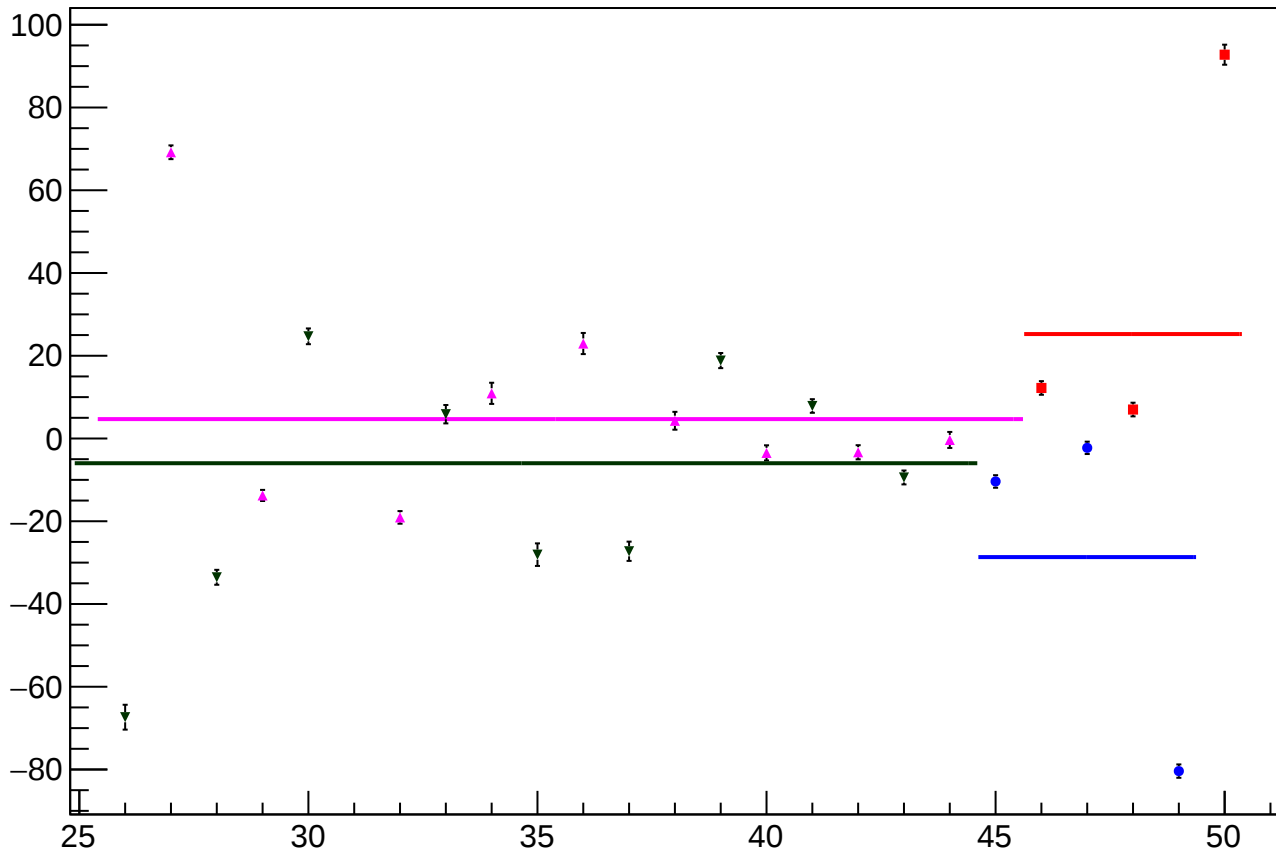
Left Out: 3955.749 ± 1.277 χ^2/NDF : 132278.2/8

Right Out: 3323.484 ± 1.928 χ^2/NDF : 16801.2/2

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.8/8

3729.850 ± 0.709 χ^2/NDF : 436384.5/23

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -28.663 ± 0.889 χ^2/NDF : 1480.7/2

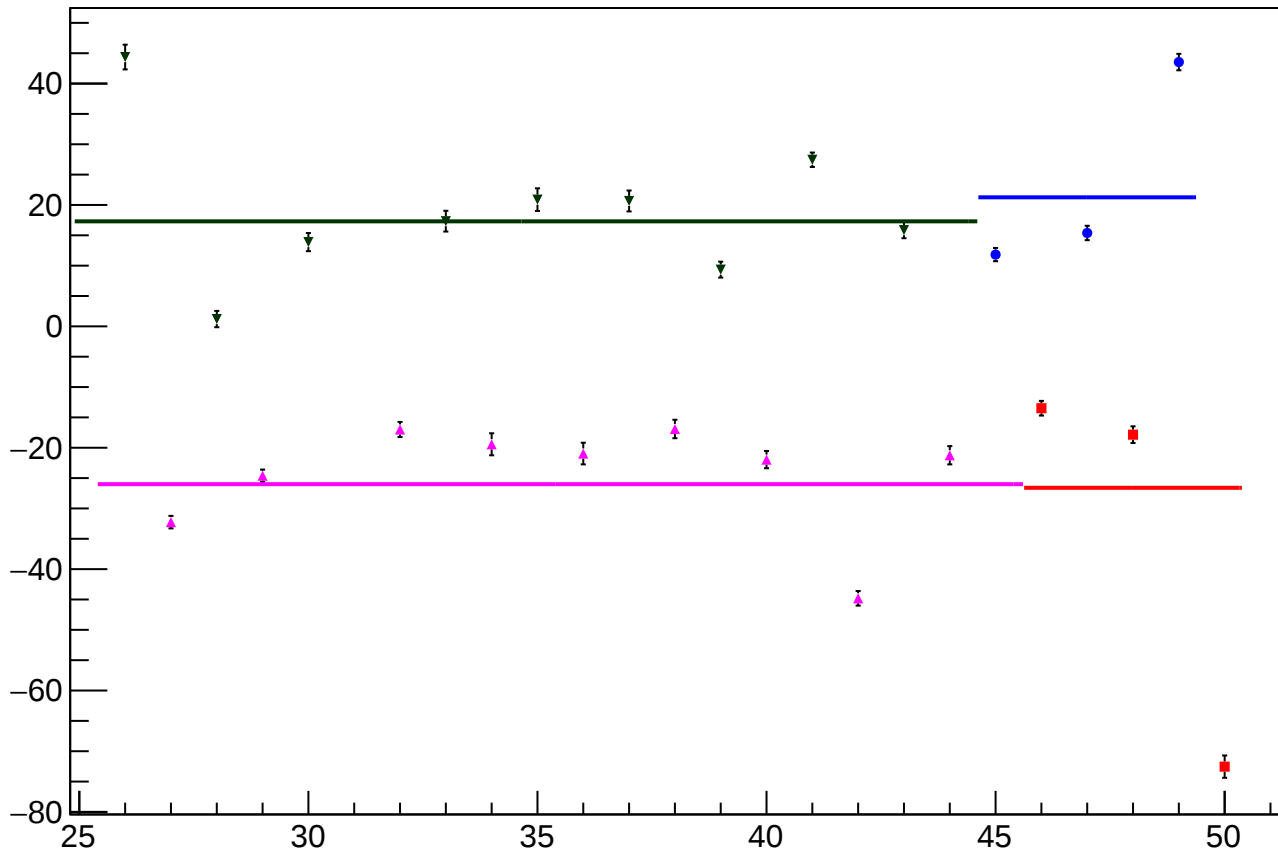
Left Out: -5.976 ± 0.669 χ^2/NDF : 1346.2/8

Right Out: 25.244 ± 1.051 χ^2/NDF : 960.2/2

Left In: 4.687 ± 0.600 χ^2/NDF : 2042.2/8

-1.917 ± 0.373 χ^2/NDF : 7560.2/23

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 21.260+/-0.691 χ^2/NDF : 368.9/2

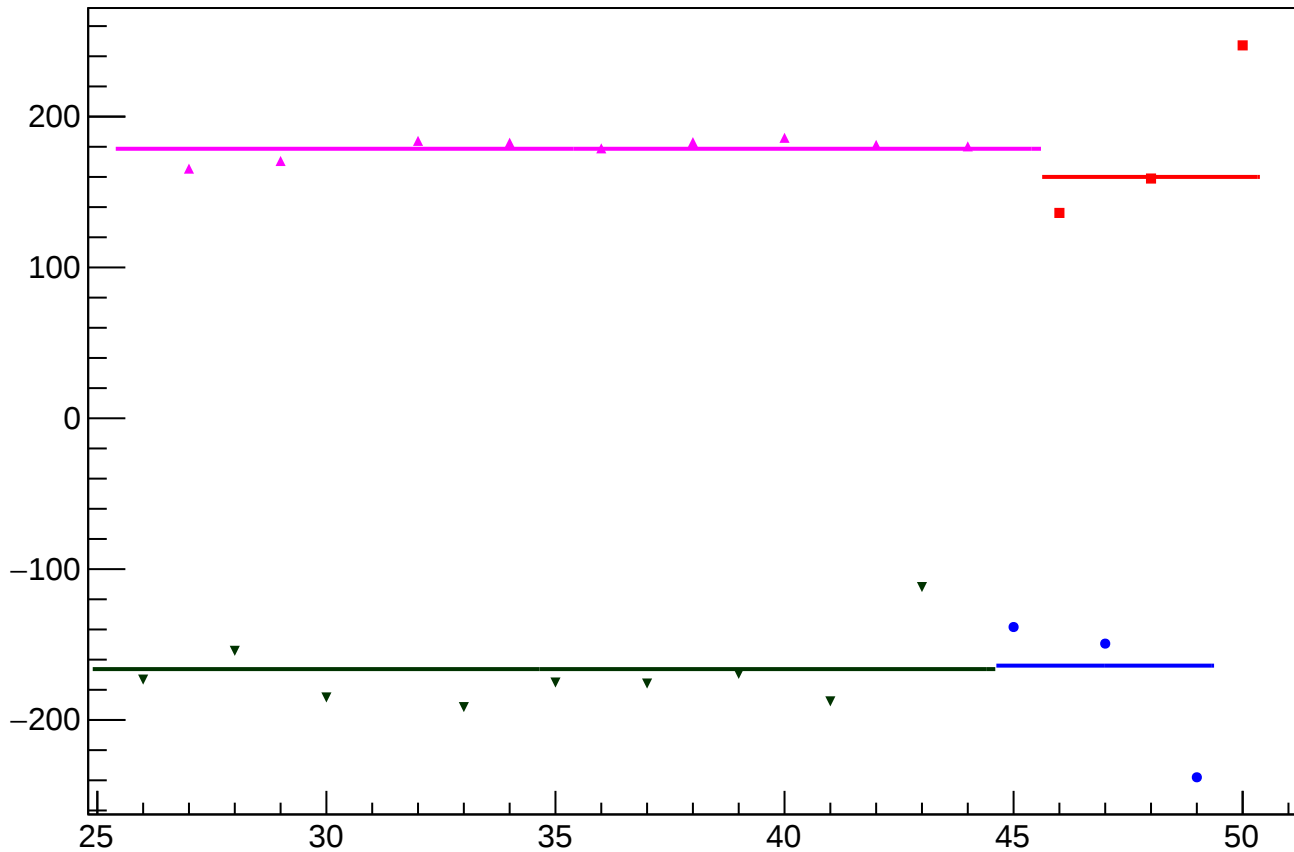
Left Out: 17.301+/-0.497 χ^2/NDF : 443.8/8

-4.789+/-0.278 χ^2/NDF : 8481.9/23

Right Out: -26.599+/-0.814 χ^2/NDF : 783.0/2

Left In: -26.003+/-0.437 χ^2/NDF : 409.3/8

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -163.976±/0.154 χ^2 /NDF: 64113.4/2

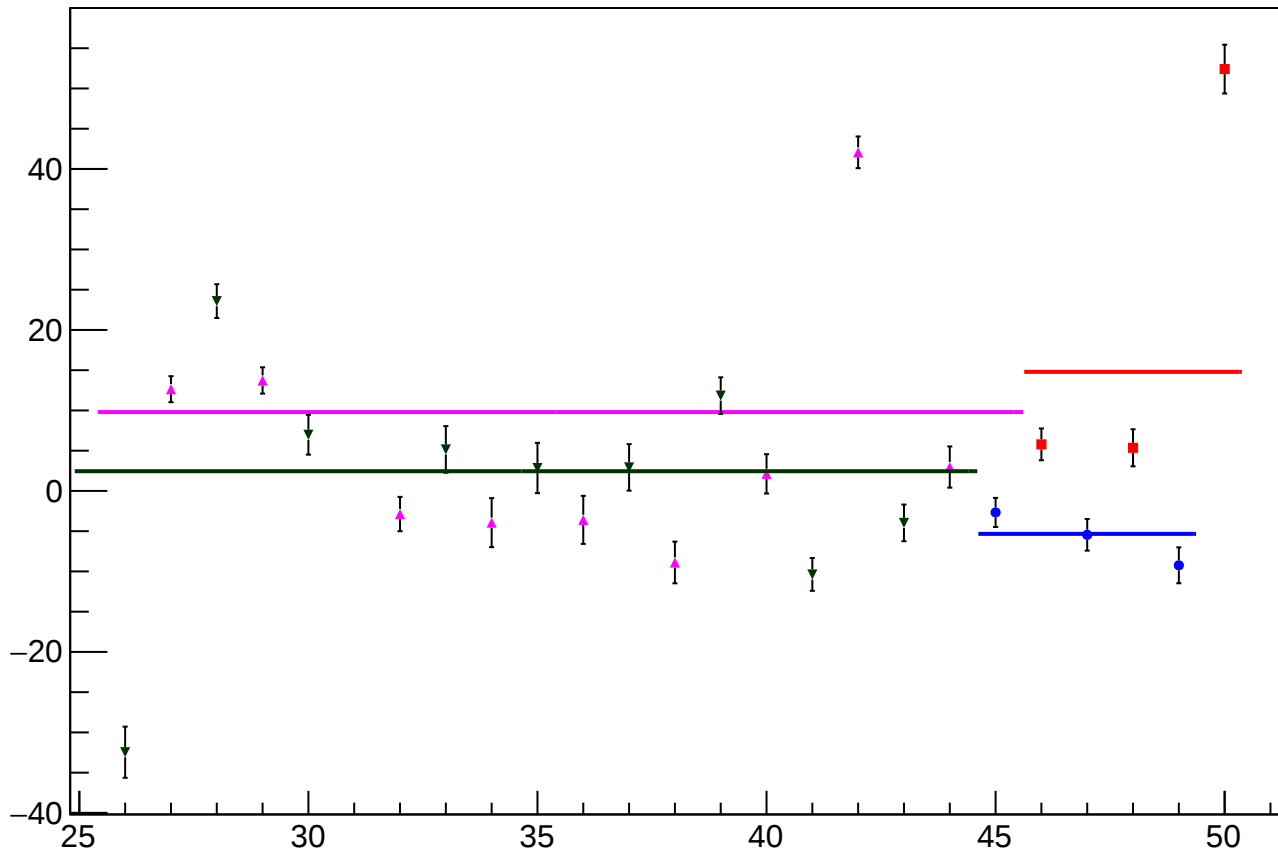
Left Out: -166.272±/0.112 χ^2 /NDF:54572.5/8

Right Out: 160.021±/0.175 χ^2 /NDF: 44547.9/2

Left In: 178.677±/0.104 χ^2 /NDF:4273.4/8

6.919±/0.064 χ^2 /NDF: 7288565.3/23

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -5.334 ± 1.143 $\chi^2/\text{NDF}: 5.2/2$

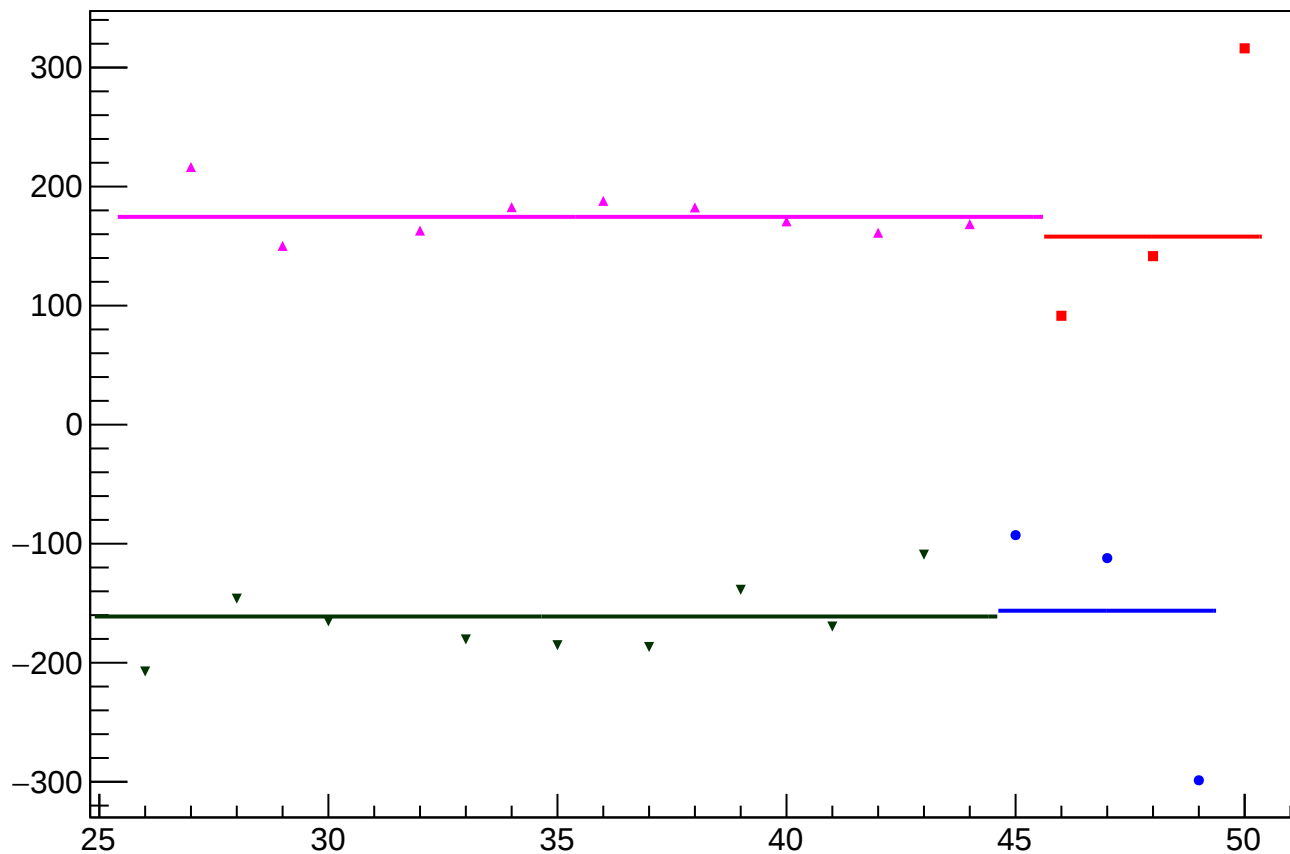
Left Out: 2.449 ± 0.828 $\chi^2/\text{NDF}: 291.1/8$

5.644 ± 0.461 $\chi^2/\text{NDF}: 1097.0/23$

Right Out: 14.796 ± 1.343 $\chi^2/\text{NDF}: 191.6/2$

Left In: 9.799 ± 0.721 $\chi^2/\text{NDF}: 422.2/8$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -156.301 ± 0.223 $\chi^2/\text{NDF}: 156818.5/2$

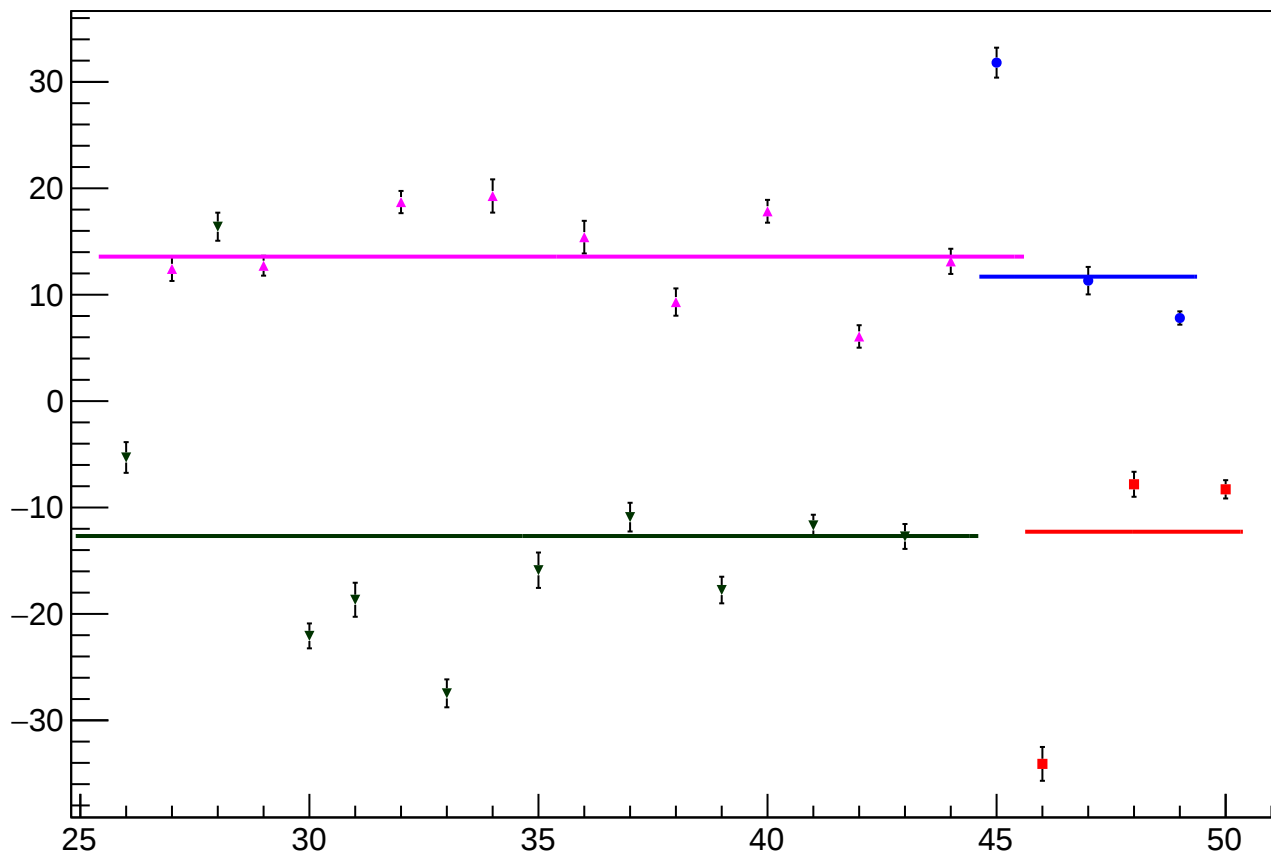
Left Out: -161.152 ± 0.151 $\chi^2/\text{NDF}: 35710.6/8$

-1.601 ± 0.090 $\chi^2/\text{NDF}: 3653496.7/23$

Right Out: 157.974 ± 0.257 $\chi^2/\text{NDF}: 114278.0/2$

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

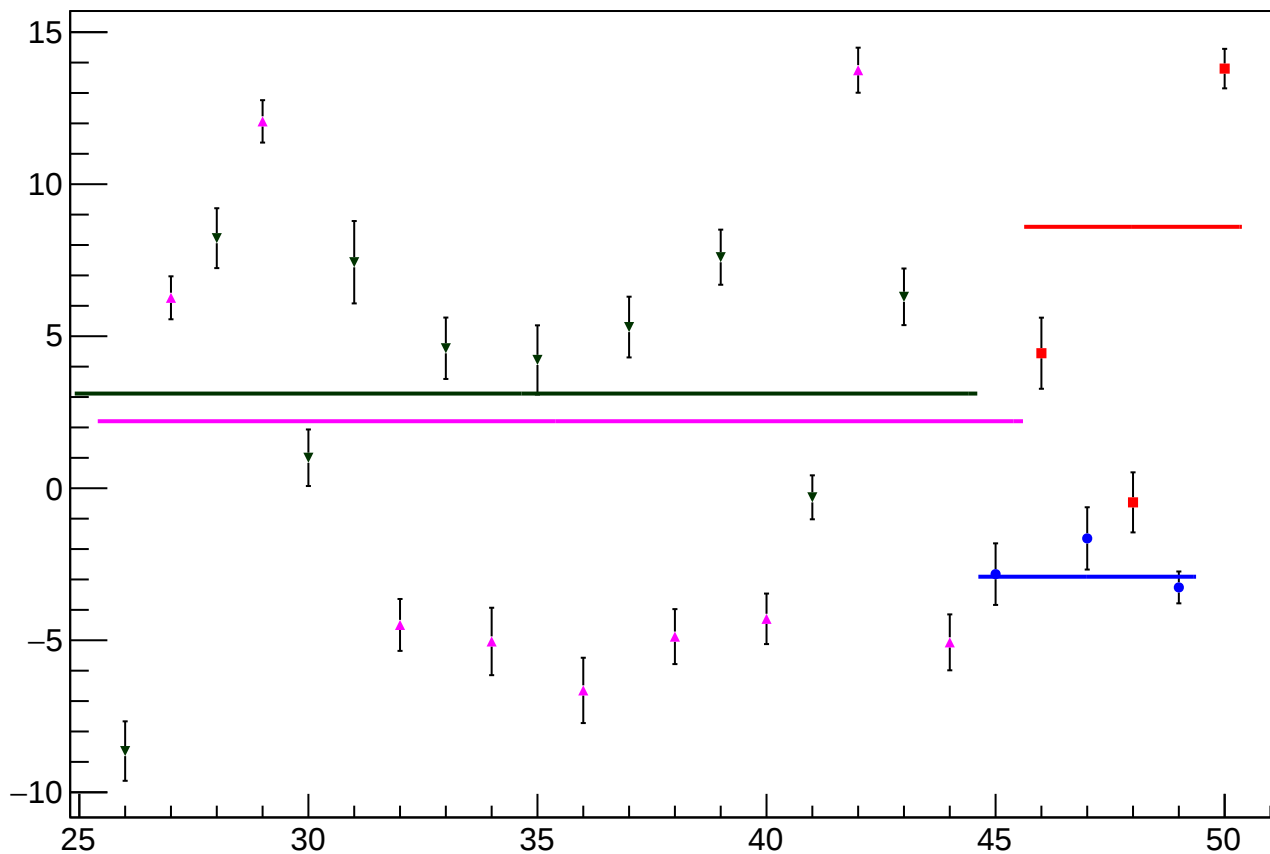
Left Out: -12.678+/-0.407 χ^2/NDF : 739.7/9

Right Out: -12.275+/-0.636 χ^2/NDF : 224.2/2

Left In: 13.580+/-0.384 χ^2/NDF : 118.2/8

1.470+/-0.230 χ^2/NDF : 4374.5/24

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.910 ± 0.424 $\chi^2/\text{NDF}: 2.0/2$

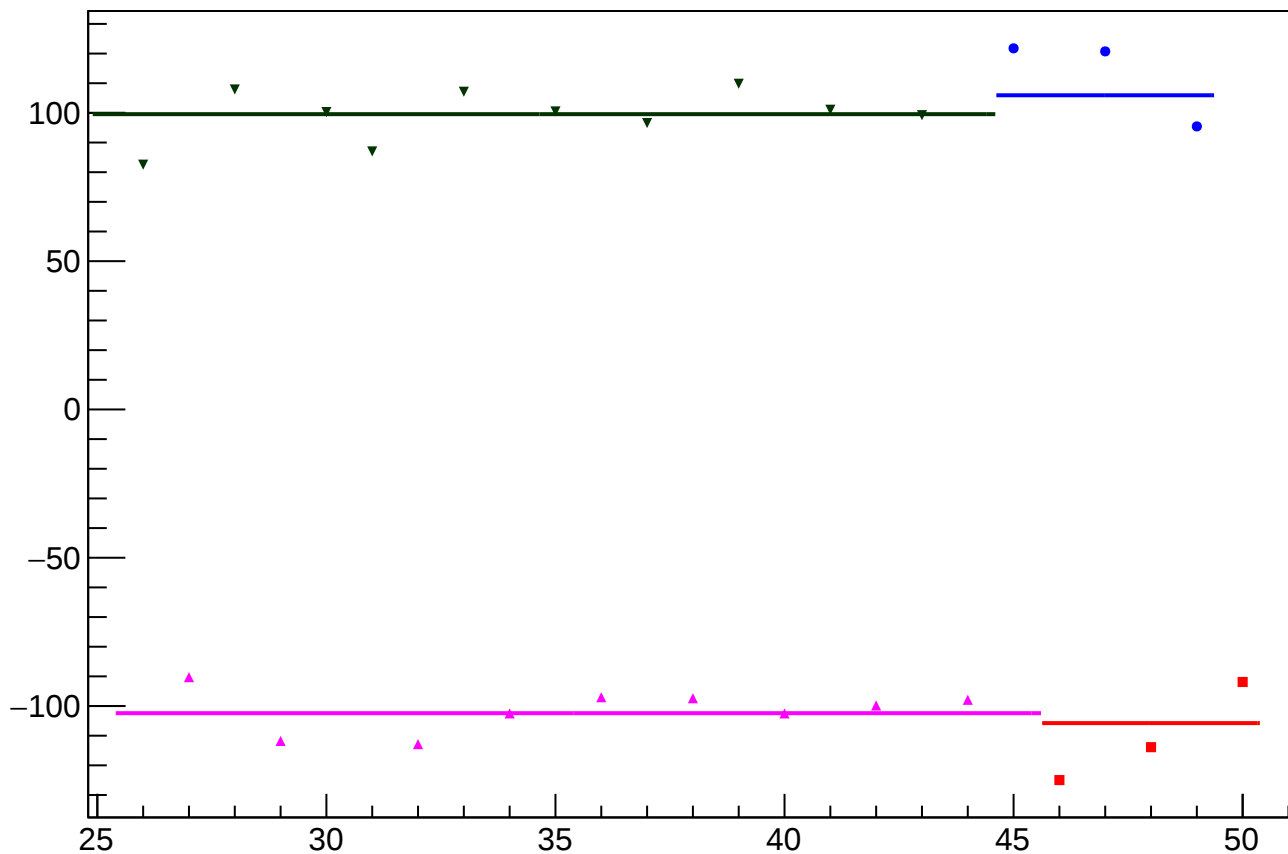
Left Out: 3.114 ± 0.304 $\chi^2/\text{NDF}: 253.2/9$

2.436 ± 0.173 $\chi^2/\text{NDF}: 1570.8/24$

Right Out: 8.598 ± 0.492 $\chi^2/\text{NDF}: 161.0/2$

Left In: 2.204 ± 0.280 $\chi^2/\text{NDF}: 833.1/8$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 105.938 $\pm$ 0.099 χ^2/NDF : 16373.9/2

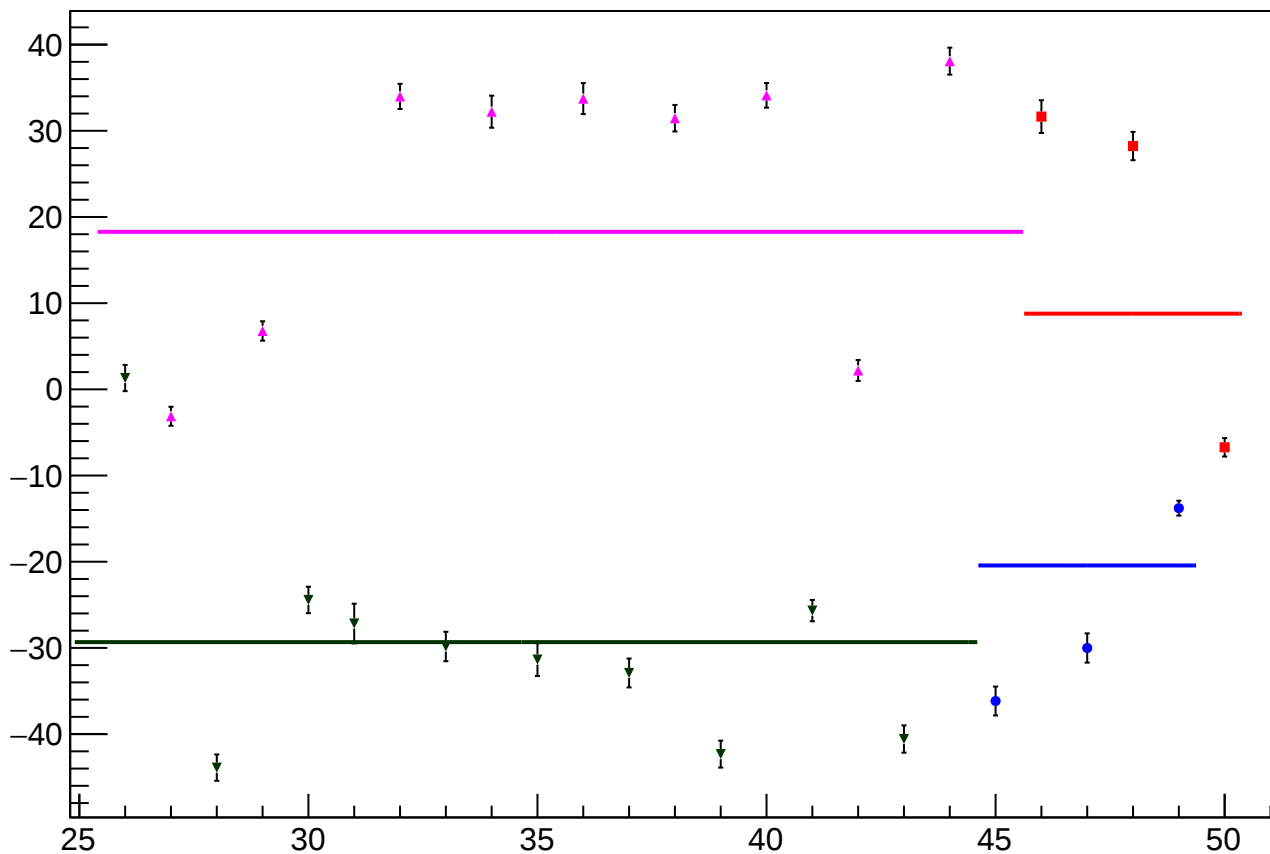
Left Out: 99.566 $\pm$ 0.067 χ^2/NDF : 14211.8/9

2.636 $\pm$ 0.040 χ^2/NDF : 6666925.7/24

Right Out: -105.759 $\pm$ 0.115 χ^2/NDF : 14941.5/2

Left In: -102.409 $\pm$ 0.066 χ^2/NDF : 12175.8/8

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -20.433 ± 0.699 $\chi^2/\text{NDF}: 179.3/2$

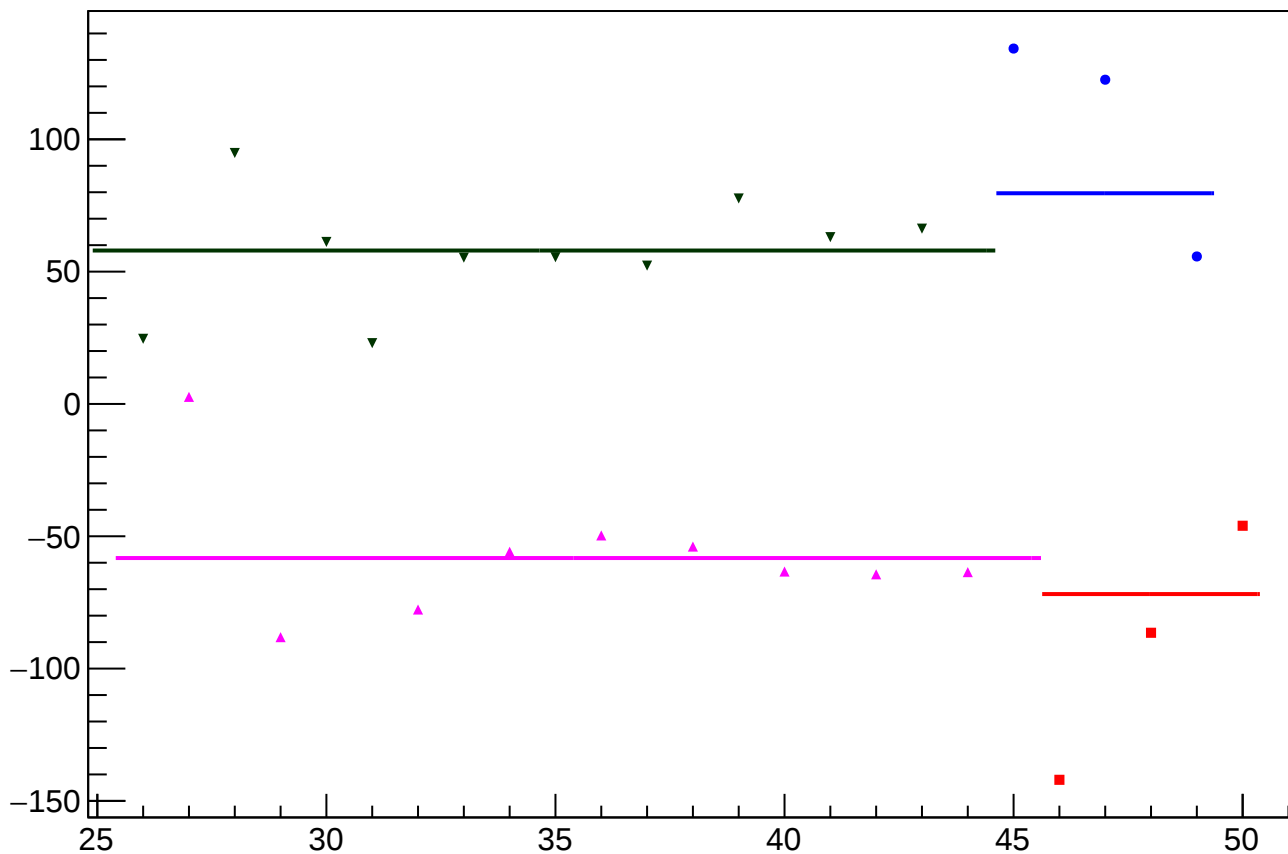
Left Out: -29.328 ± 0.506 $\chi^2/\text{NDF}: 640.3/9$

Right Out: 8.782 ± 0.812 $\chi^2/\text{NDF}: 494.0/2$

Left In: 18.278 ± 0.462 $\chi^2/\text{NDF}: 1258.8/8$

-4.729 ± 0.287 $\chi^2/\text{NDF}: 8194.4/24$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 79.615+/-0.134 χ^2/NDF : 65137.7/2

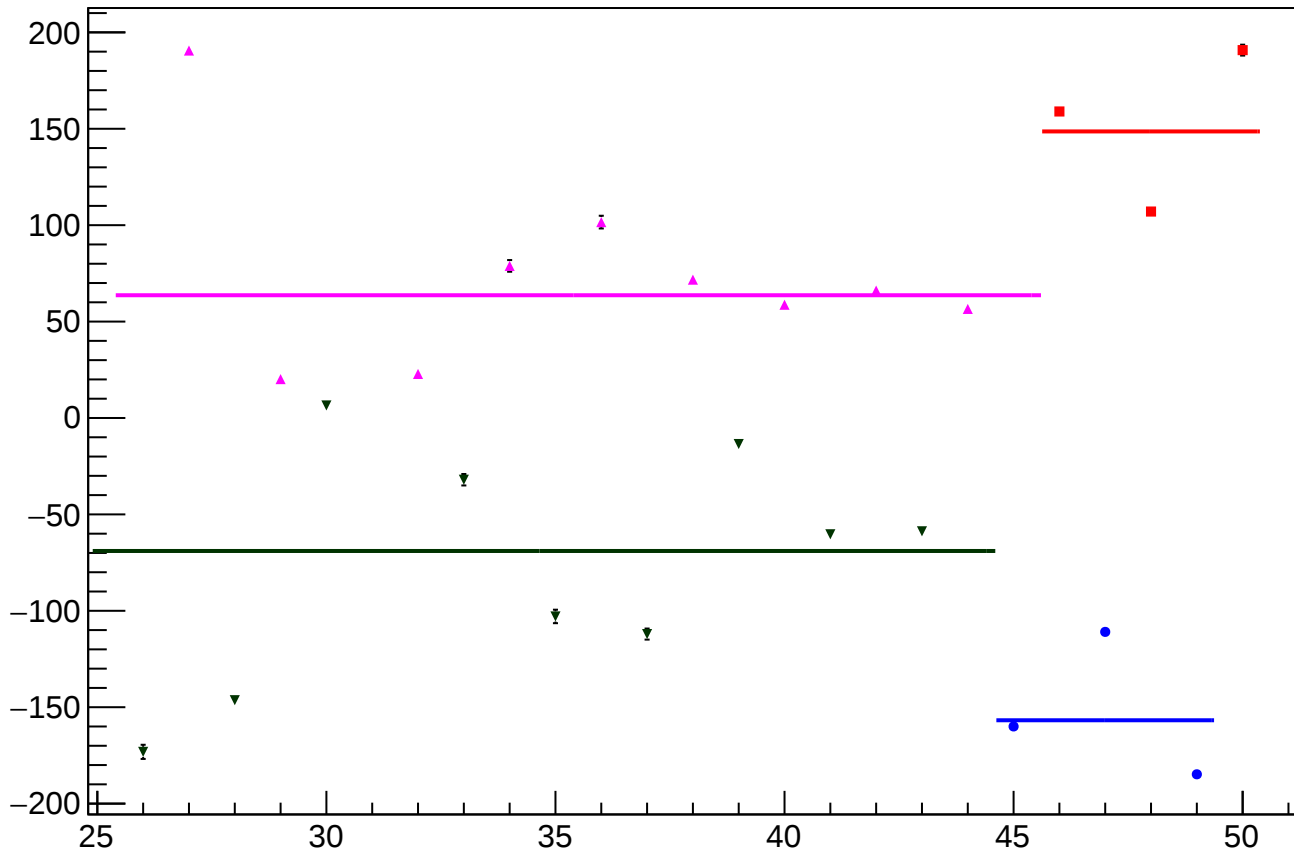
Left Out: 57.976+/-0.092 χ^2/NDF : 48326.9/9

5.185+/-0.055 χ^2/NDF : 1584180.0/24

Right Out: -71.840+/-0.147 χ^2/NDF : 55512.1/2

Left In: -58.229+/-0.096 χ^2/NDF : 65783.8/8

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -156.772 ± 1.185 $\chi^2/\text{NDF}: 661.0/2$

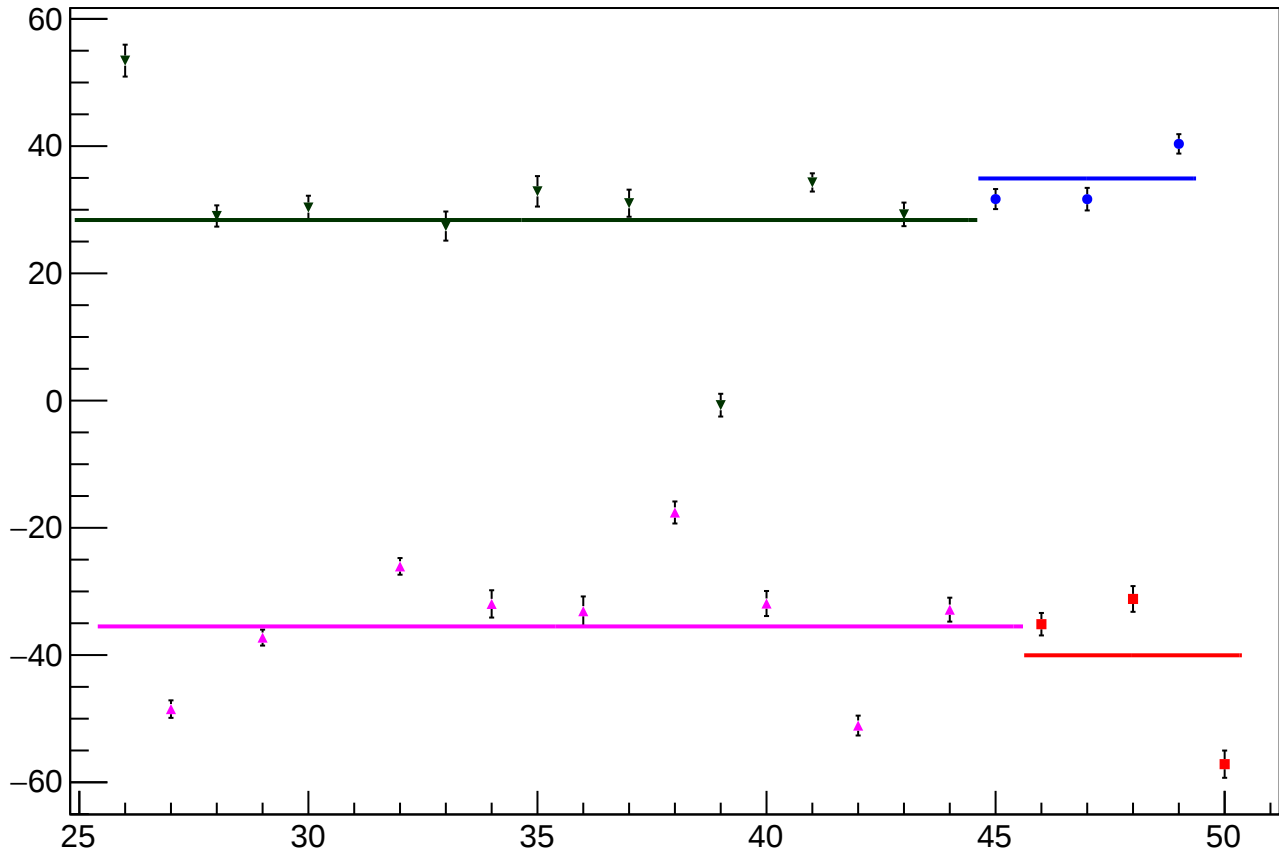
Left Out: -68.974 ± 0.854 $\chi^2/\text{NDF}: 4033.6/8$

Right Out: 148.620 ± 1.462 $\chi^2/\text{NDF}: 534.4/2$

Left In: 63.663 ± 0.734 $\chi^2/\text{NDF}: 4921.5/8$

-4.157 ± 0.476 $\chi^2/\text{NDF}: 51959.6/23$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 34.917+/-0.932 χ^2/NDF : 20.3/2

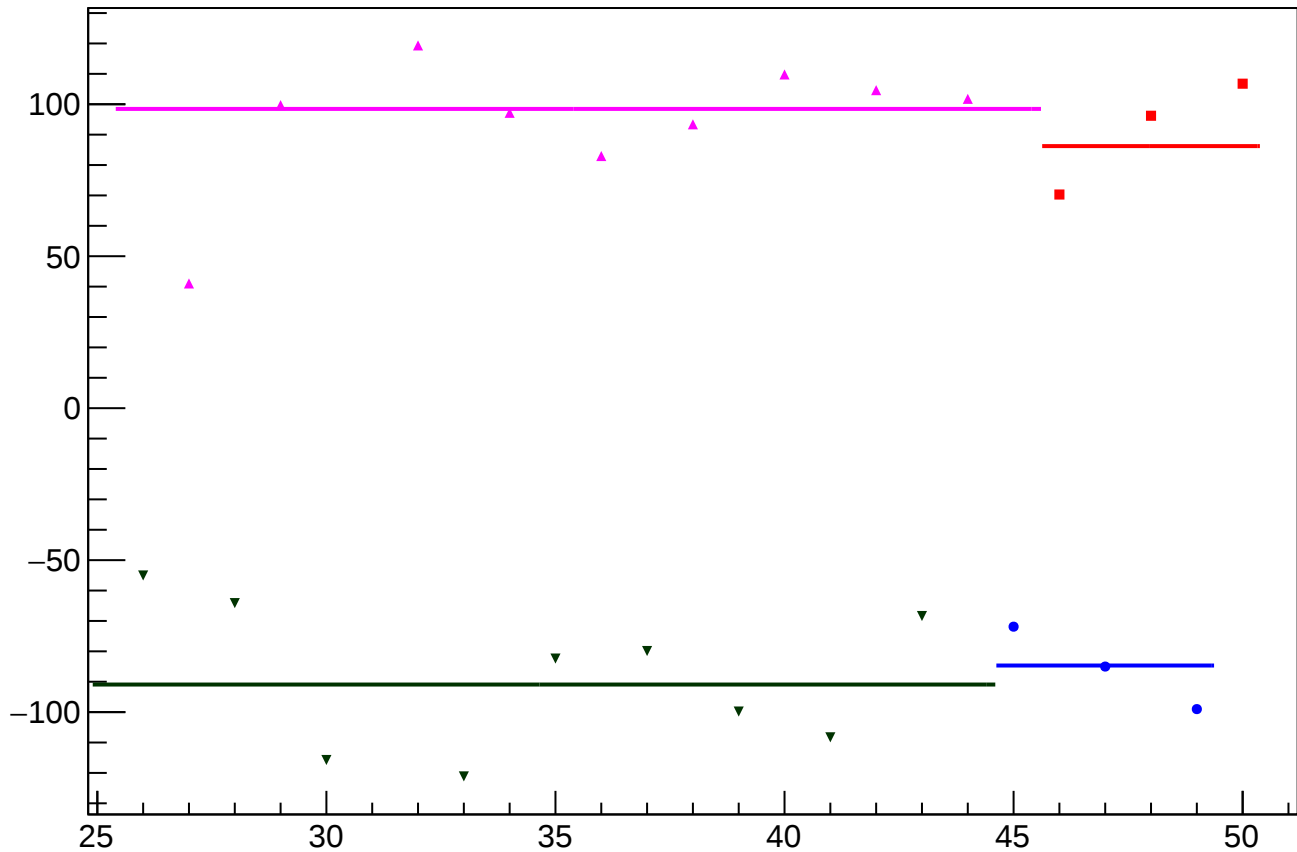
Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

-5.428+/-0.357 χ^2/NDF : 9612.0/23

Right Out: -40.038+/-1.130 χ^2/NDF : 90.7/2

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -84.666 $\pm$ 0.211 χ^2 /NDF: 2811.6/2

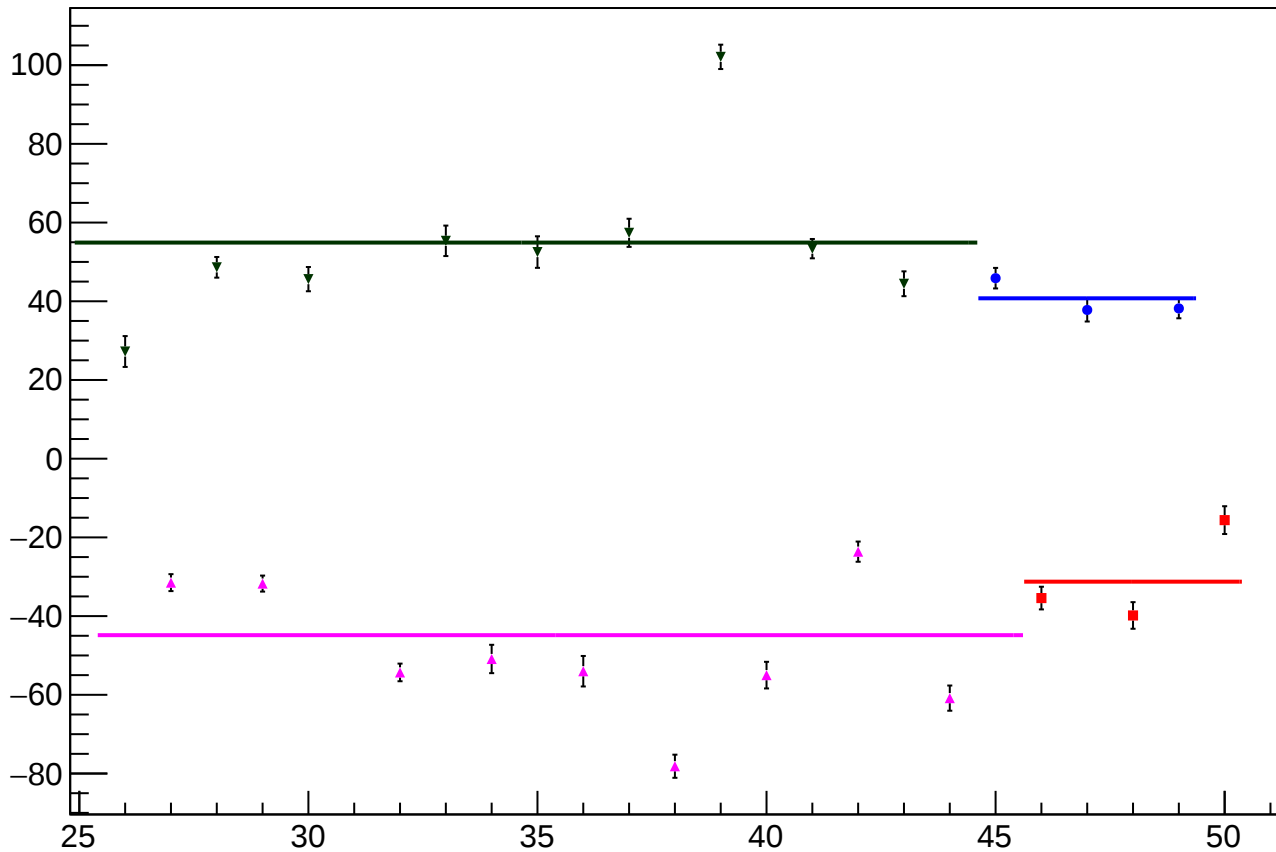
Left Out: -90.923 $\pm$ 0.142 χ^2 /NDF: 23966.6/8

Right Out: 86.228 $\pm$ 0.247 χ^2 /NDF: 3907.3/2

Left In: 98.464 $\pm$ 0.125 χ^2 /NDF: 31724.1/8

8.925 $\pm$ 0.081 χ^2 /NDF: 1365612.6/23

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 40.753+/-1.540 χ^2/NDF : 5.9/2

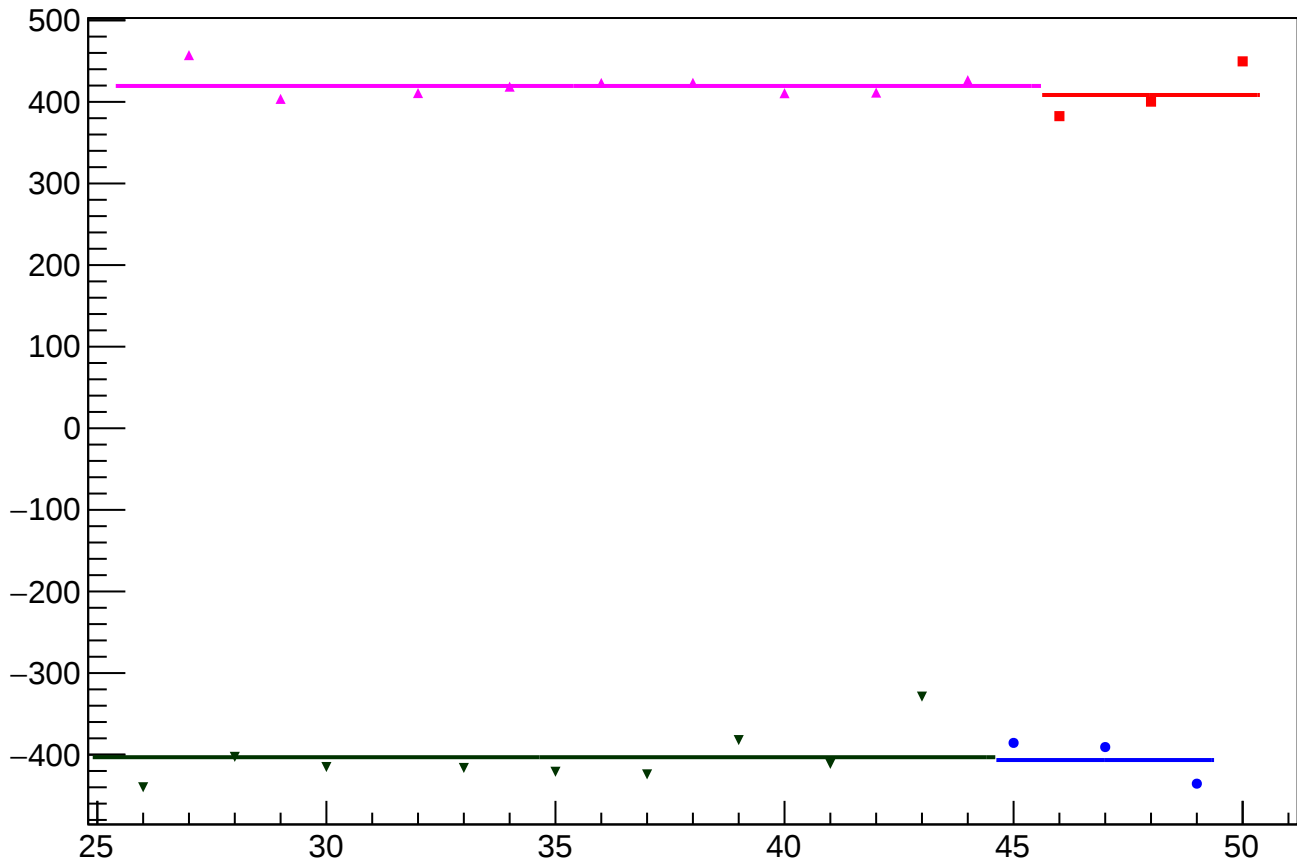
Left Out: 54.915+/-1.058 χ^2/NDF : 309.2/8

0.369+/-0.592 χ^2/NDF : 6873.8/23

Right Out: -31.249+/-1.863 χ^2/NDF : 28.1/2

Left In: -44.844+/-0.893 χ^2/NDF : 337.0/8

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -406.584+/-0.300 χ^2/NDF : 6055.9/2

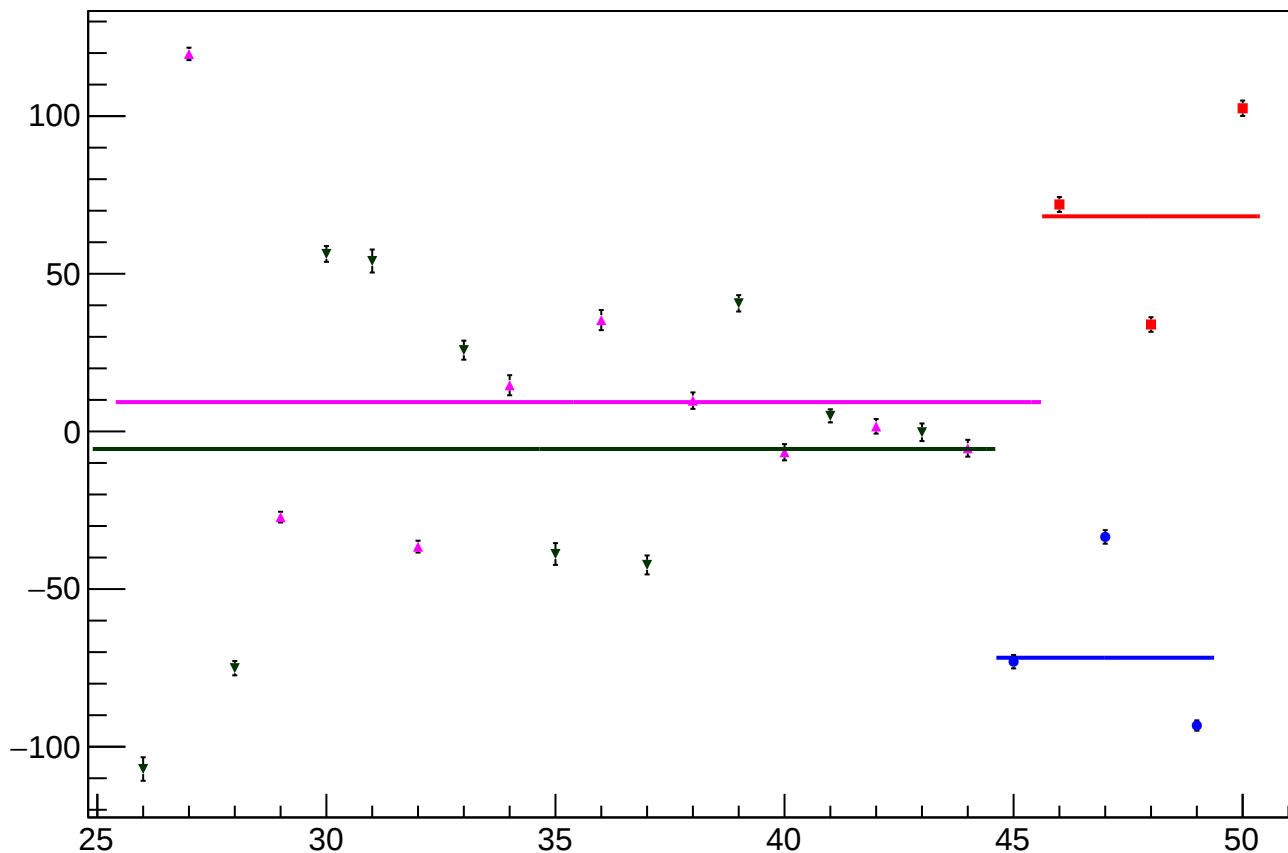
Left Out: -403.123+/-0.196 χ^2/NDF : 24564.7/8

Right Out: 408.449+/-0.352 χ^2/NDF : 6410.4/2

Left In: 419.518+/-0.188 χ^2/NDF : 6841.4/8

1.364+/-0.117 χ^2/NDF : 12413156.5/23

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -71.777 ± 1.111 $\chi^2/\text{NDF}: 489.0/2$

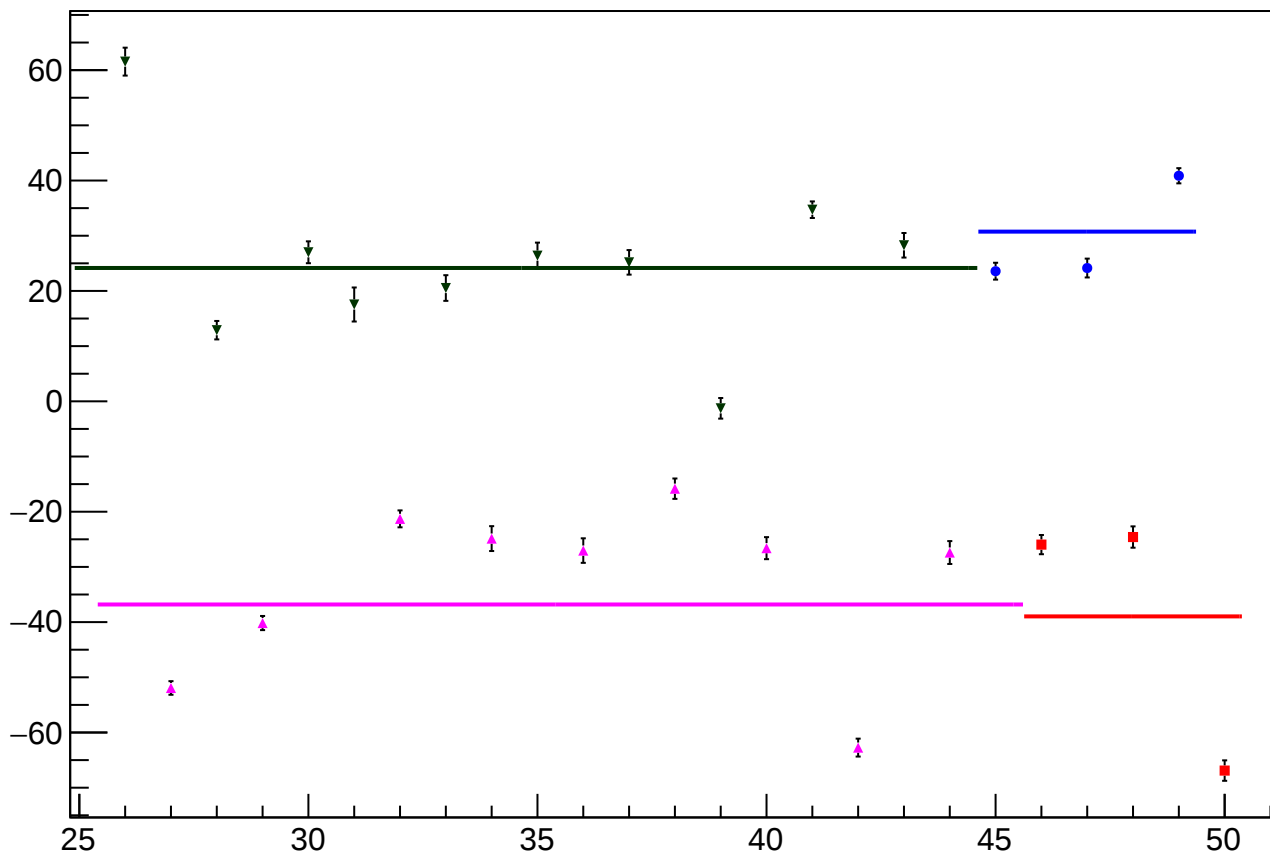
Left Out: -5.564 ± 0.873 $\chi^2/\text{NDF}: 3249.0/9$

Right Out: 68.221 ± 1.371 $\chi^2/\text{NDF}: 418.7/2$

Left In: 9.304 ± 0.765 $\chi^2/\text{NDF}: 4334.5/8$

-3.033 ± 0.479 $\chi^2/\text{NDF}: 15287.3/24$

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 30.745+/-0.877 χ^2/NDF : 91.0/2

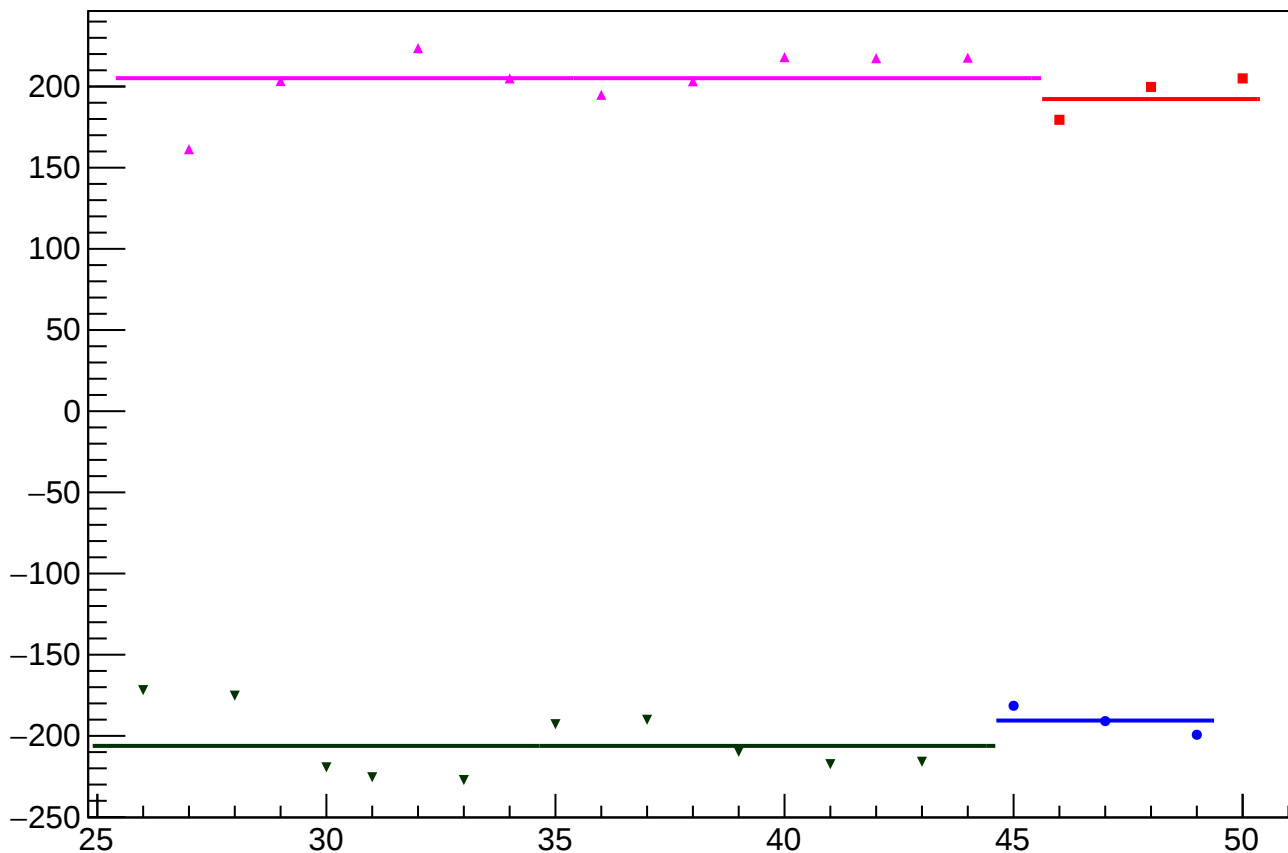
Left Out: 24.159+/-0.649 χ^2/NDF : 512.4/9

-7.293+/-0.358 χ^2/NDF : 9630.2/24

Right Out: -38.966+/-1.060 χ^2/NDF : 338.6/2

Left In: -36.807+/-0.555 χ^2/NDF : 738.6/8

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -190.558 $\pm$ 0.199 χ^2 /NDF: 1397.1/2

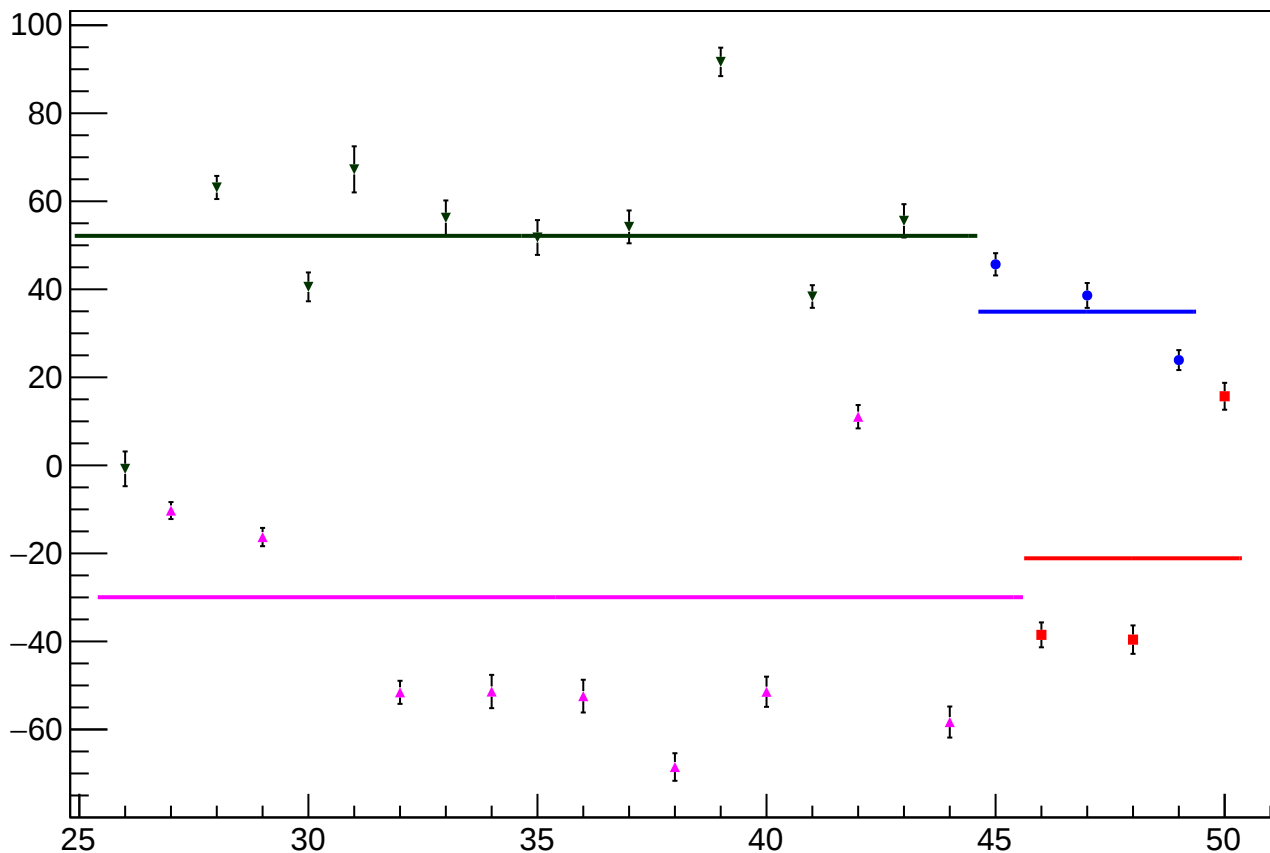
Left Out: -206.170 $\pm$ 0.144 χ^2 /NDF: 16992.5/9

Right Out: 192.273 $\pm$ 0.235 χ^2 /NDF: 2343.8/2

Left In: 205.134 $\pm$ 0.132 χ^2 /NDF: 22564.1/8

4.085 $\pm$ 0.082 χ^2 /NDF: 6106048.3/24

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 34.917+/-1.448 χ^2 /NDF: 43.4/2

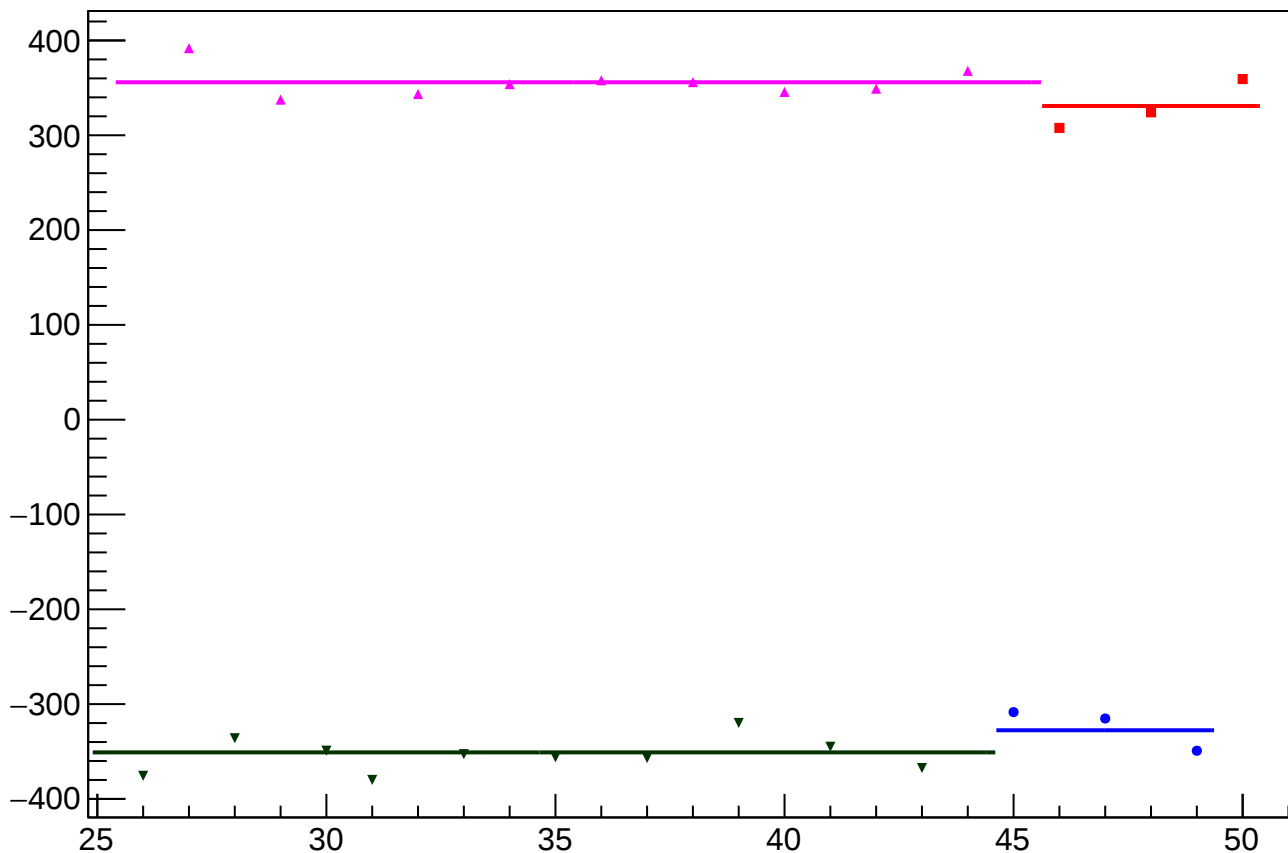
Left Out: 52.148+/-1.081 χ^2 /NDF:398.7/9

6.452+/-0.591 χ^2 /NDF: 5448.6/24

Right Out: -21.112+/-1.746 χ^2 /NDF: 215.7/2

Left In: -29.954+/-0.913 χ^2 /NDF:779.2/8

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -327.590+/-0.281 χ^2/NDF : 4458.7/2

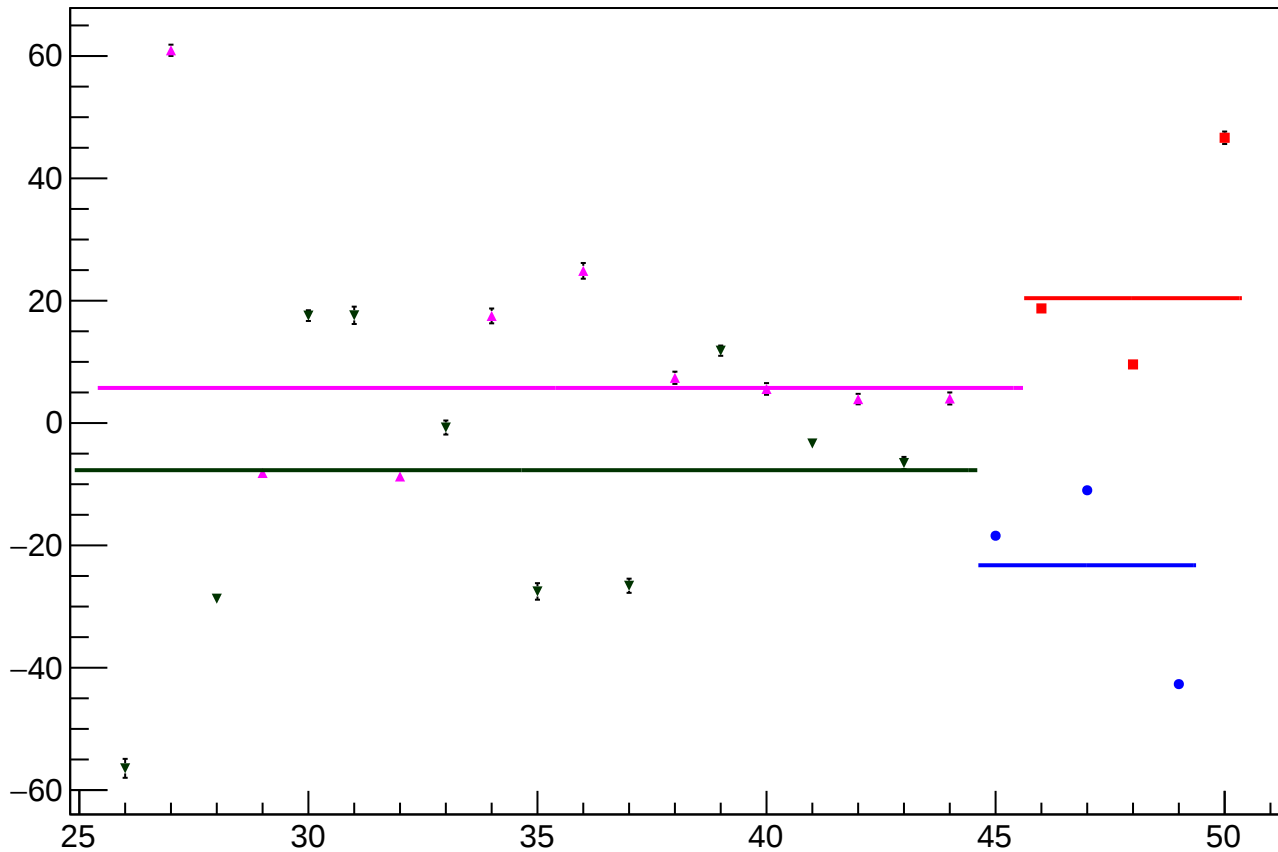
Left Out: -350.928+/-0.200 χ^2/NDF : 6500.1/9

Right Out: 330.893+/-0.328 χ^2/NDF : 4491.7/2

Left In: 355.932+/-0.194 χ^2/NDF : 7933.3/8

-5.592+/-0.117 χ^2/NDF : 8850437.7/24

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -23.249 $\pm$ 0.353 χ^2/NDF : 1327.1/2

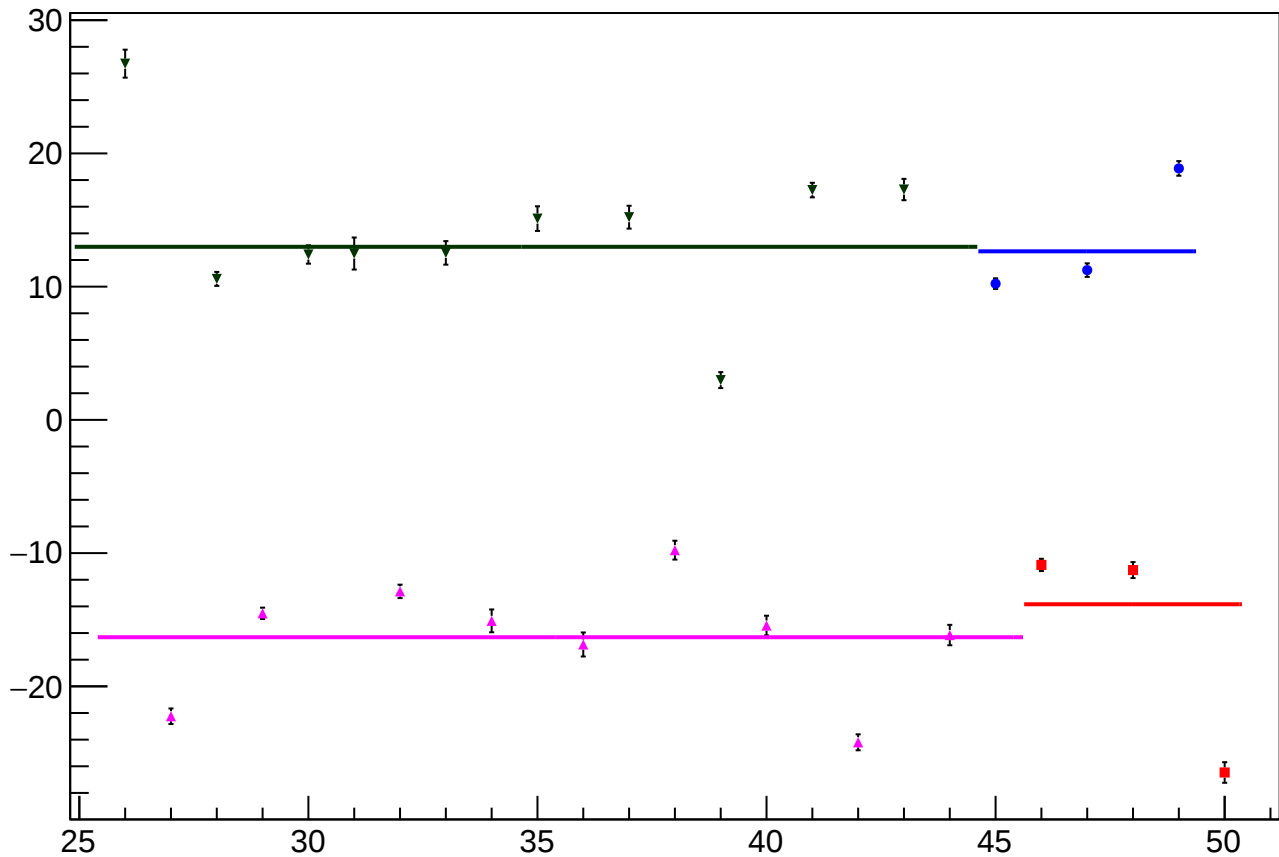
Left Out: -7.705 $\pm$ 0.310 χ^2/NDF : 4119.2/9

Right Out: 20.413 $\pm$ 0.429 χ^2/NDF : 895.2/2

Left In: 5.740 $\pm$ 0.280 χ^2/NDF : 5095.7/8

-2.259 $\pm$ 0.165 χ^2/NDF : 18893.5/24

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 12.651+/-0.273 χ^2/NDF : 173.2/2

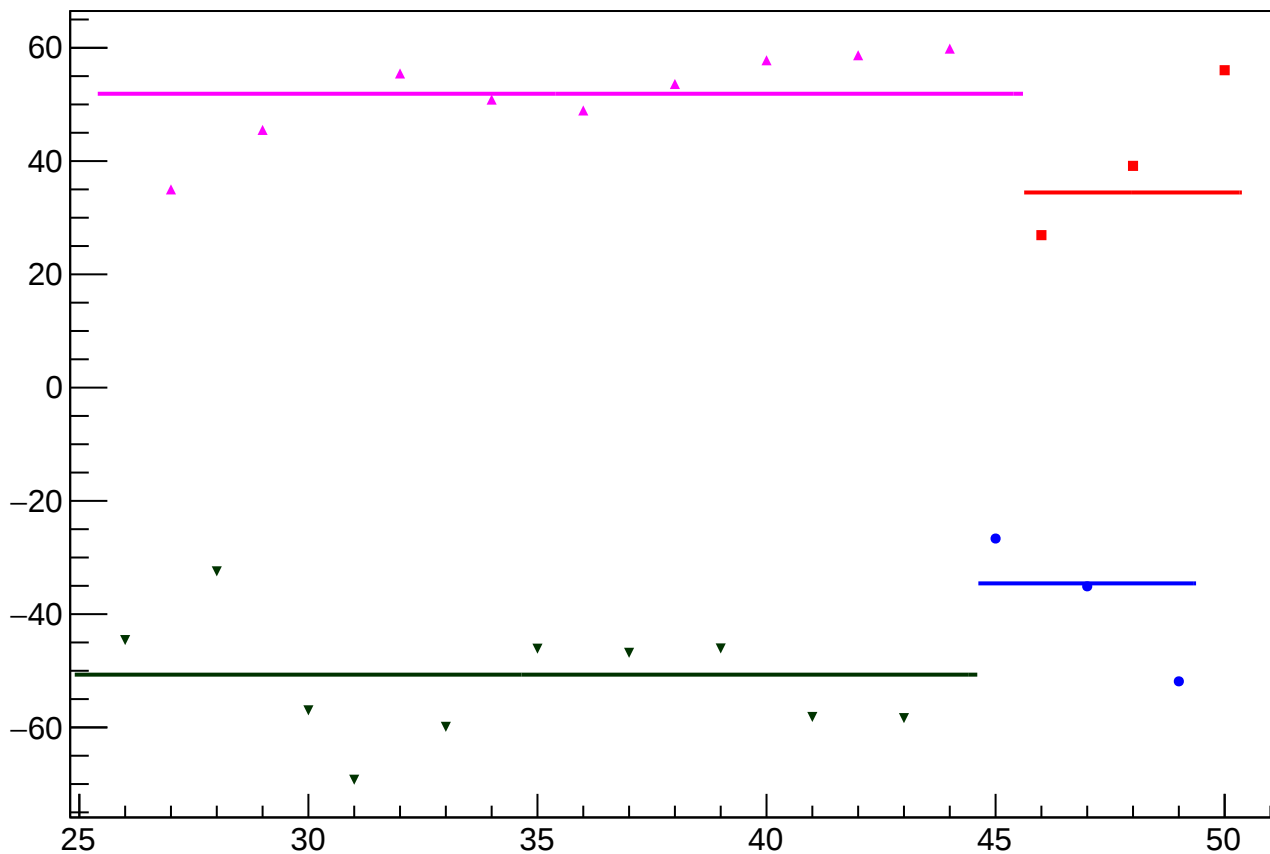
Left Out: 12.989+/-0.230 χ^2/NDF : 575.2/9

-1.420+/-0.124 χ^2/NDF : 14669.3/24

Right Out: -13.839+/-0.330 χ^2/NDF : 326.1/2

Left In: -16.313+/-0.207 χ^2/NDF : 430.4/8

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.569 $\pm$ 0.061 χ^2 /NDF: 24541.9/2

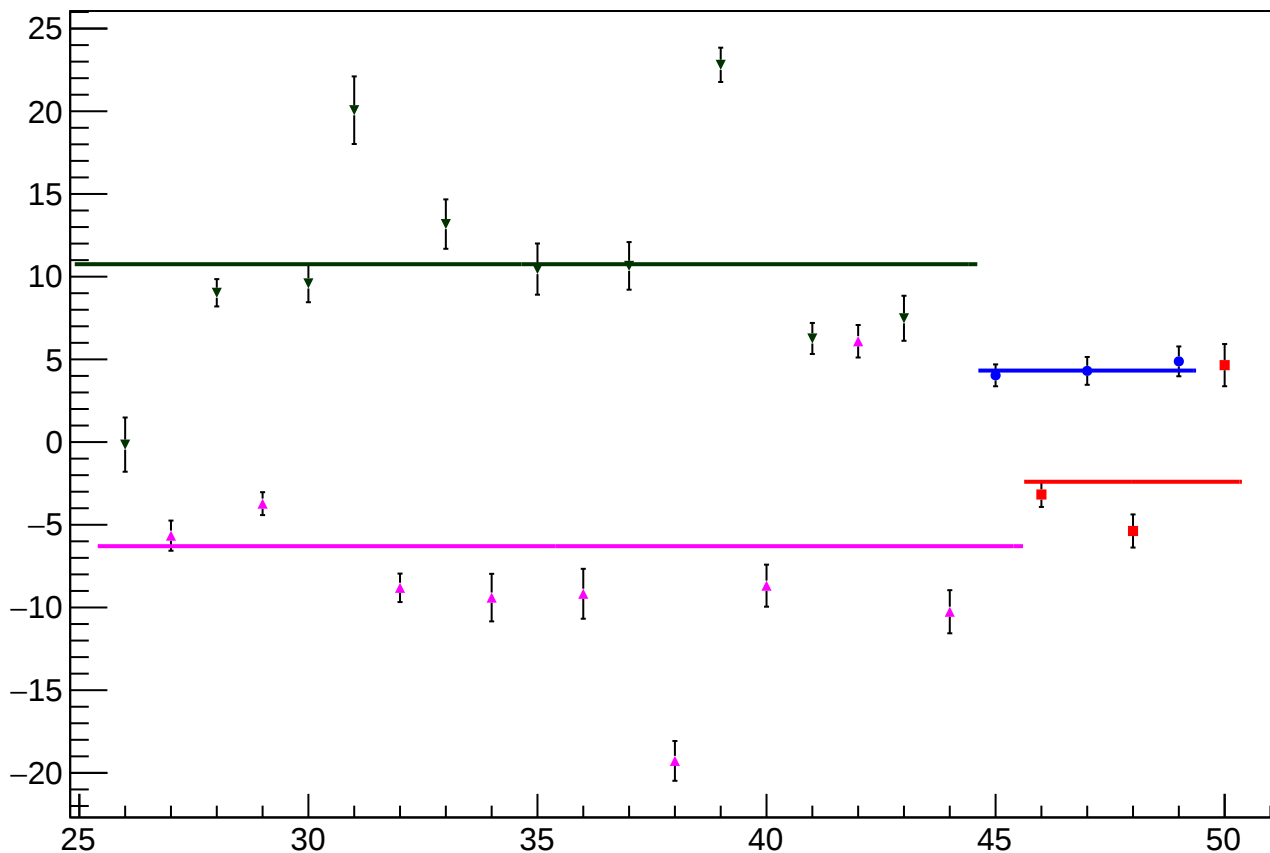
Left Out: -50.683 $\pm$ 0.051 χ^2 /NDF: 44365.5/9

Right Out: 34.457 $\pm$ 0.071 χ^2 /NDF: 19921.5/2

Left In: 51.889 $\pm$ 0.048 χ^2 /NDF: 21653.9/8

0.662 $\pm$ 0.028 χ^2 /NDF: 2817335.7/24

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.323+/-0.451 χ^2/NDF : 0.6/2

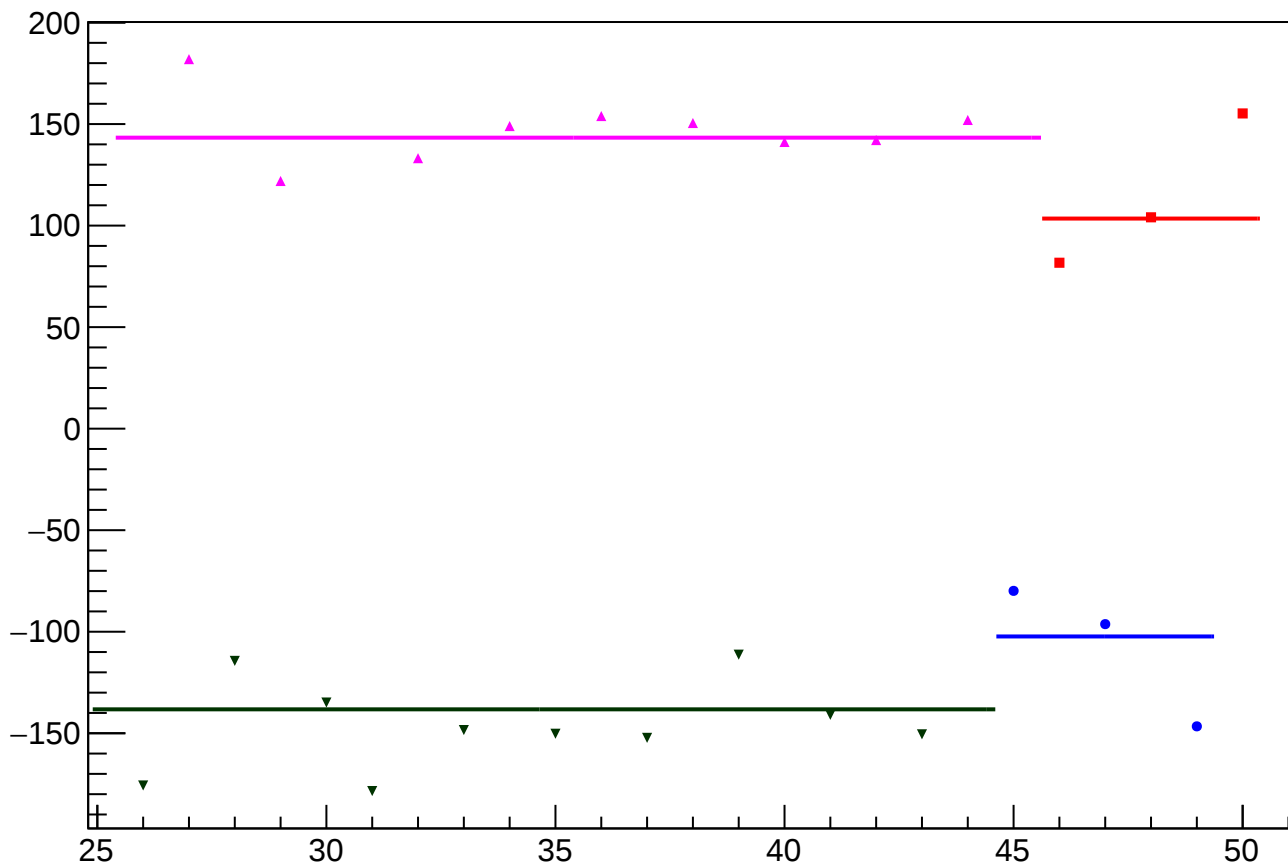
Left Out: 10.754+/-0.383 χ^2/NDF : 236.9/9

1.393+/-0.206 χ^2/NDF : 1786.3/24

Right Out: -2.399+/-0.544 χ^2/NDF : 40.4/2

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

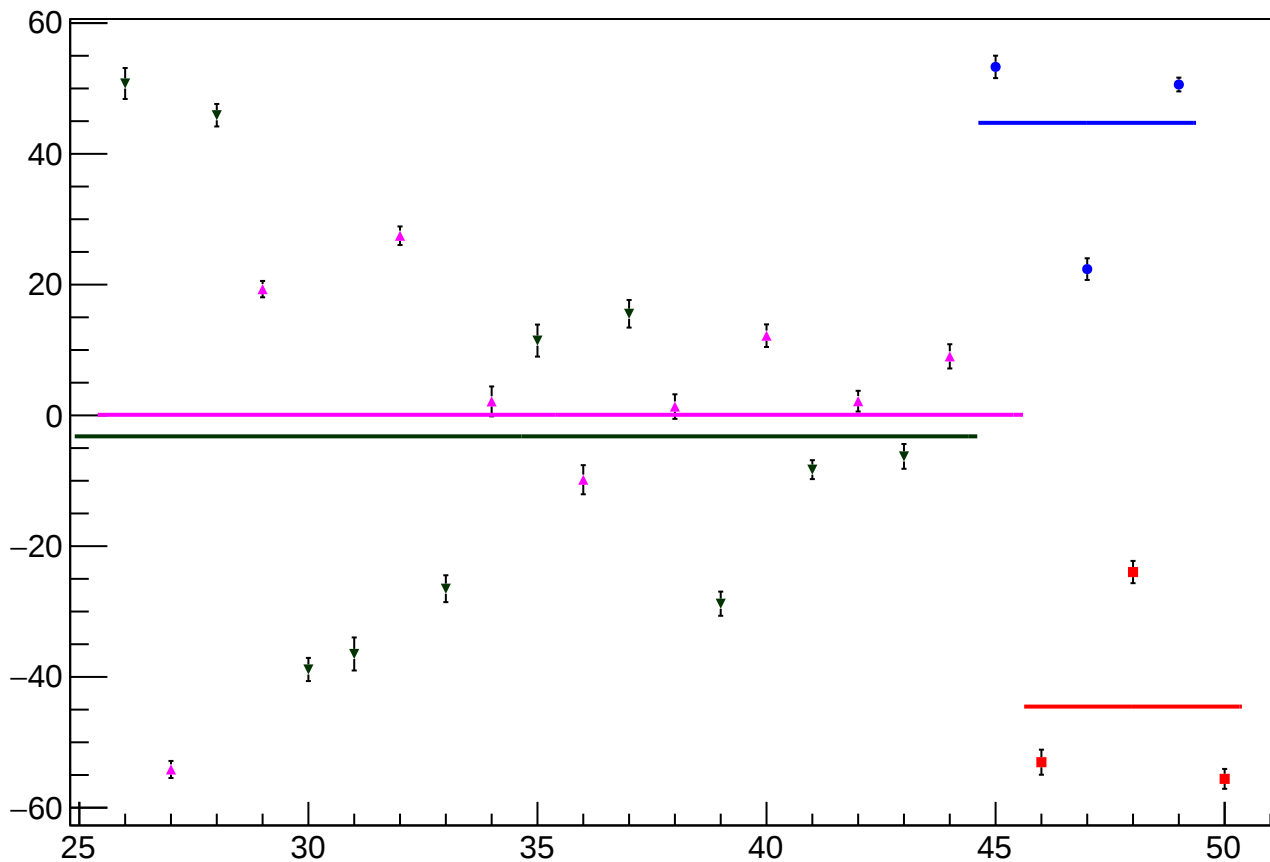
Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

Right Out: 103.464+/-0.104 χ^2/NDF : 72145.8/2

Left In: 143.304+/-0.072 χ^2/NDF : 54954.0/8

-4.856+/-0.041 χ^2/NDF : 10292438.9/24

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 44.743+/-0.790 χ^2/NDF : 238.2/2

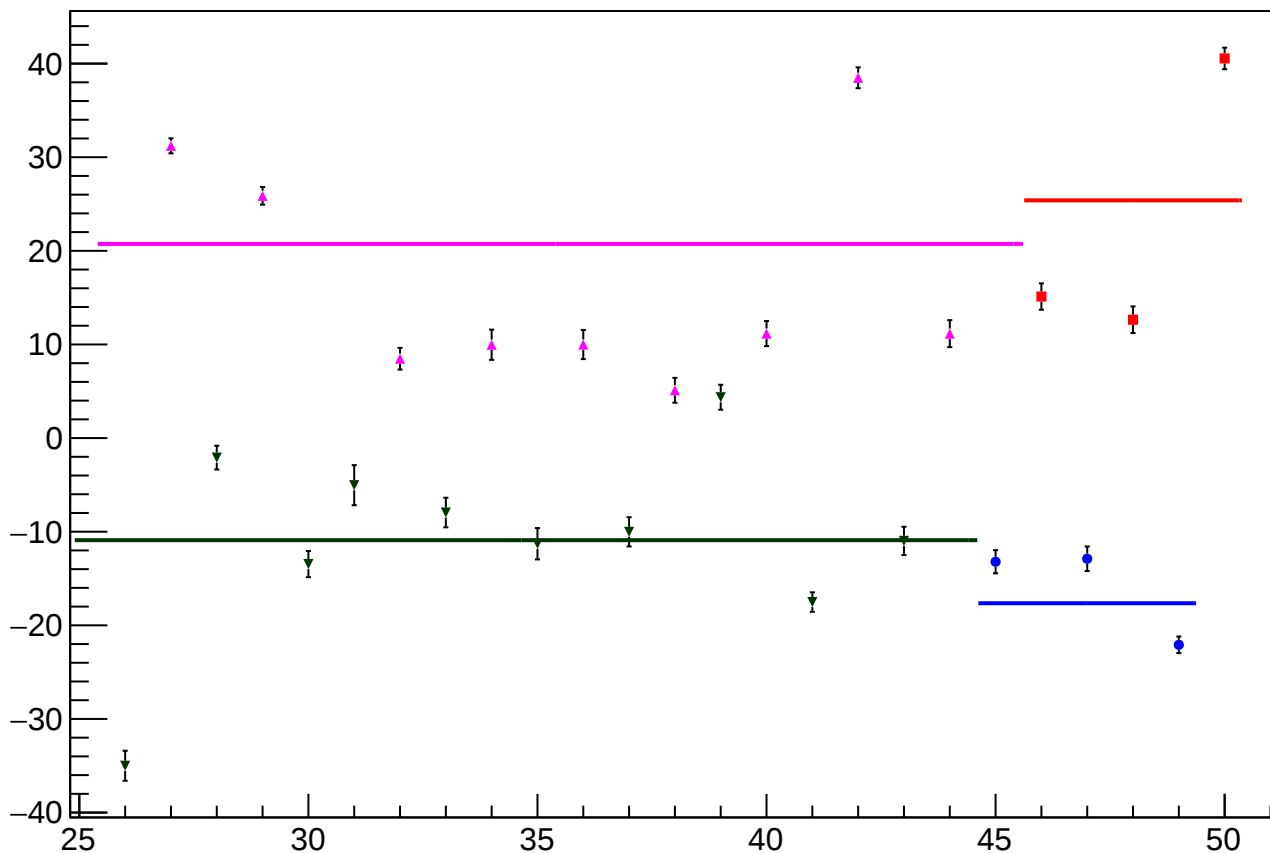
Left Out: -3.205+/-0.612 χ^2/NDF : 2363.4/9

1.897+/-0.338 χ^2/NDF : 10545.3/24

Right Out: -44.536+/-0.975 χ^2/NDF : 218.9/2

Left In: 0.090+/-0.541 χ^2/NDF : 2438.4/8

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -17.642 ± 0.631 χ^2/NDF : 51.1/2

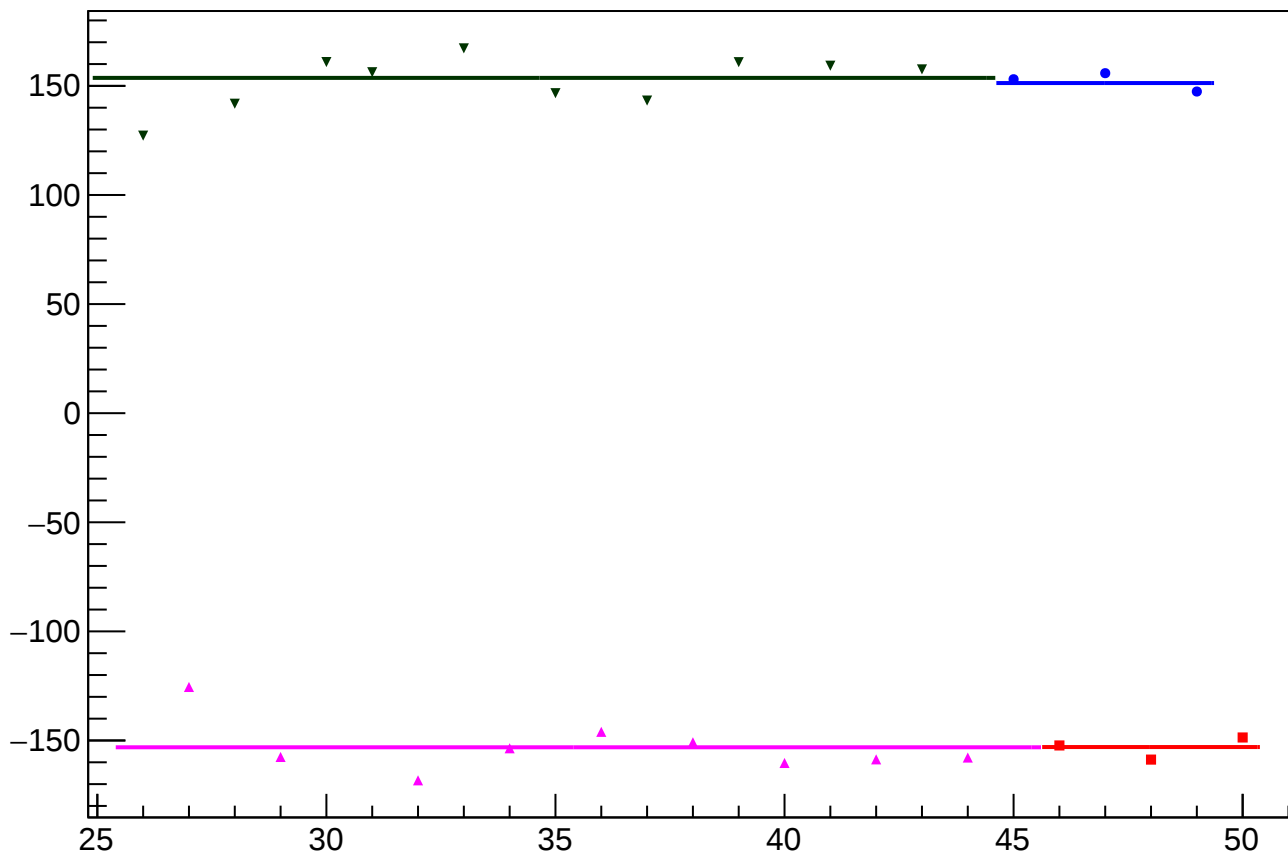
Left Out: -10.905 ± 0.455 χ^2/NDF : 459.2/9

Right Out: 25.393 ± 0.755 χ^2/NDF : 307.1/2

Left In: 20.737 ± 0.388 χ^2/NDF : 894.2/8

5.429 ± 0.252 χ^2/NDF : 6589.9/24

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 151.299+/-0.145 χ^2/NDF : 628.0/2

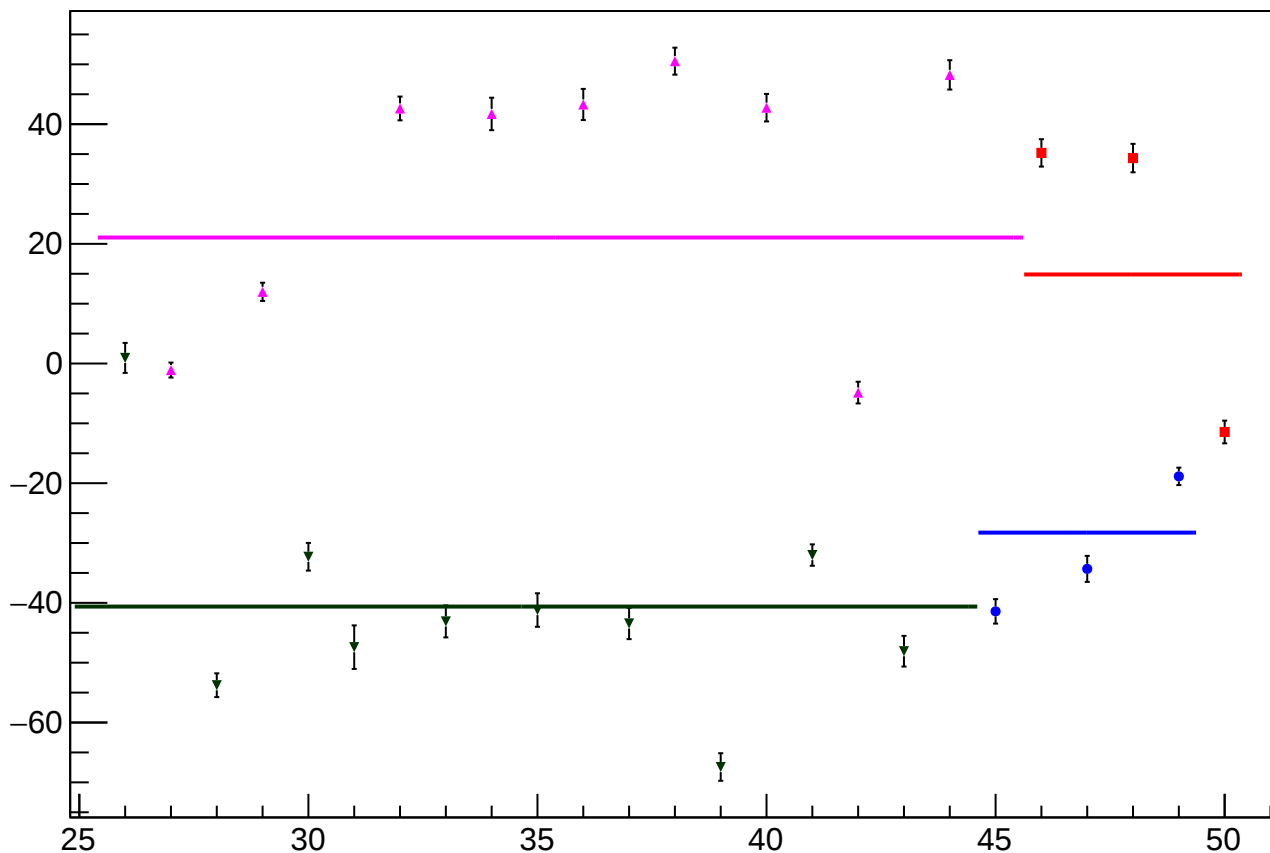
Left Out: 153.667+/-0.101 χ^2/NDF : 11177.1/9

Right Out: -153.009+/-0.171 χ^2/NDF : 580.0/2

Left In: -153.122+/-0.093 χ^2/NDF : 20788.9/8

-1.880+/-0.058 χ^2/NDF : 6941313.5/24

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -28.261 ± 1.041 χ^2/NDF : 90.9/2

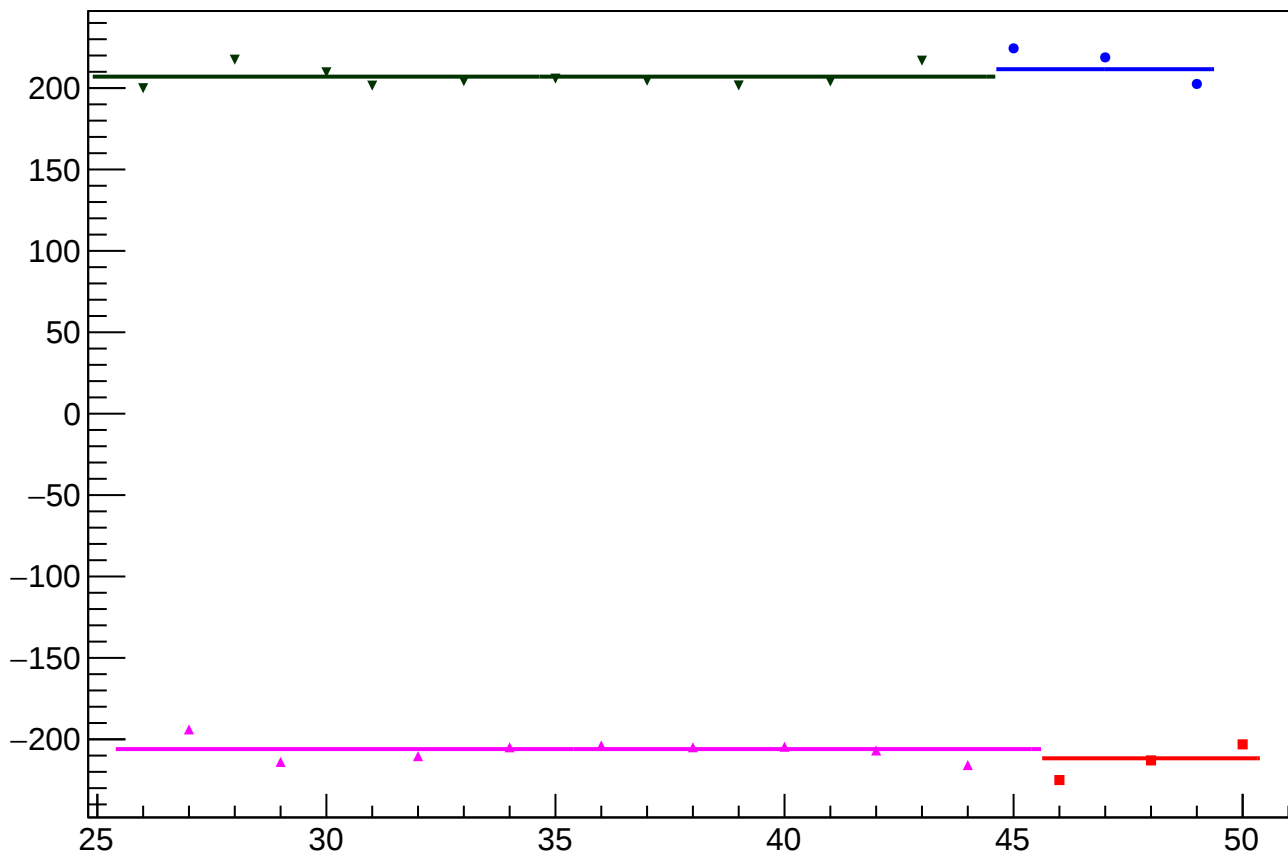
Left Out: -40.620 ± 0.758 χ^2/NDF : 504.2/9

Right Out: 14.883 ± 1.244 χ^2/NDF : 338.6/2

Left In: 21.059 ± 0.637 χ^2/NDF : 1185.8/8

-6.099 ± 0.416 χ^2/NDF : 6748.9/24

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 211.593 $\pm$ 0.201 χ^2/NDF : 2347.7/2

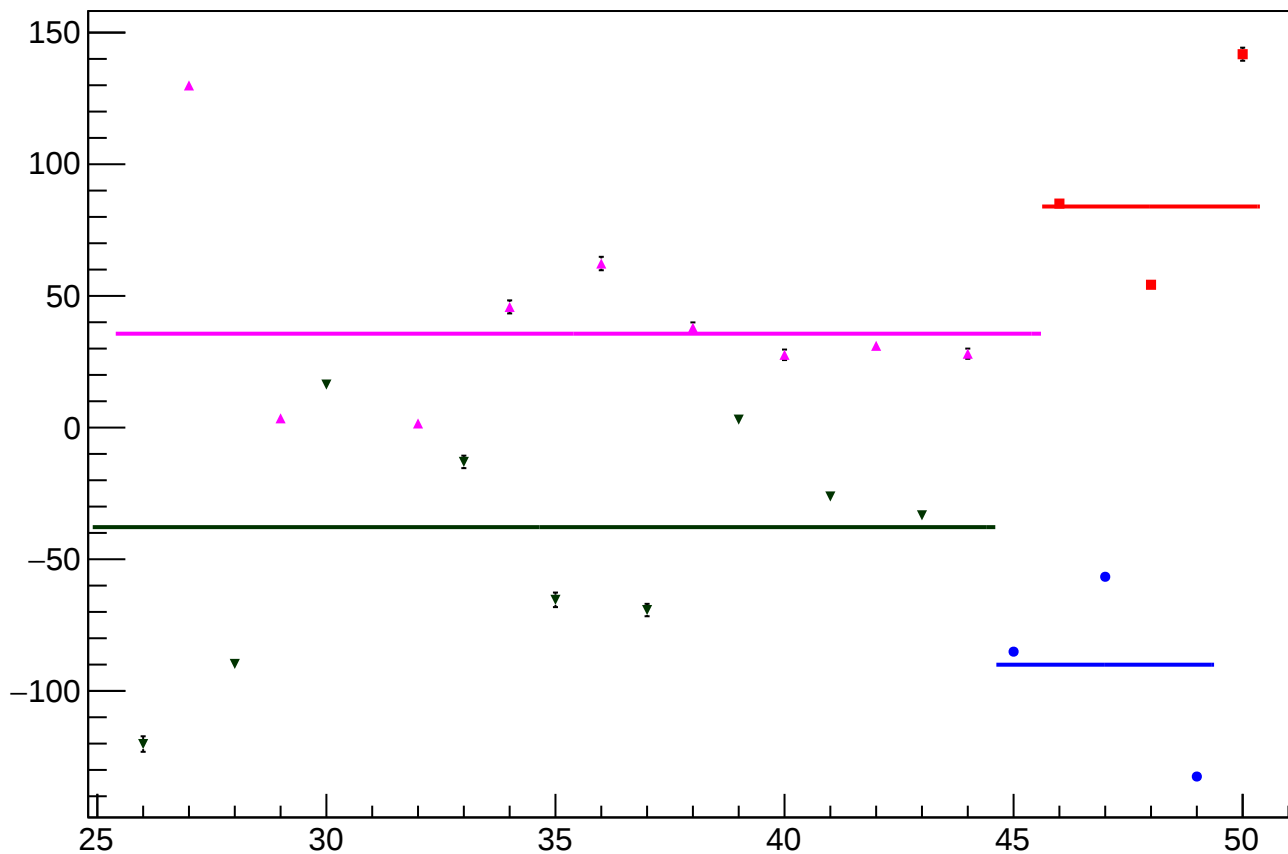
Left Out: 207.026 $\pm$ 0.139 χ^2/NDF :1900.0/9

Right Out: -211.677 $\pm$ 0.230 χ^2/NDF : 1508.5/2

Left In: -206.013 $\pm$ 0.136 χ^2/NDF :2446.5/8

5.821 $\pm$ 0.082 χ^2/NDF : 6446134.2/24

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -90.043+/-0.887 χ^2/NDF : 1162.8/2

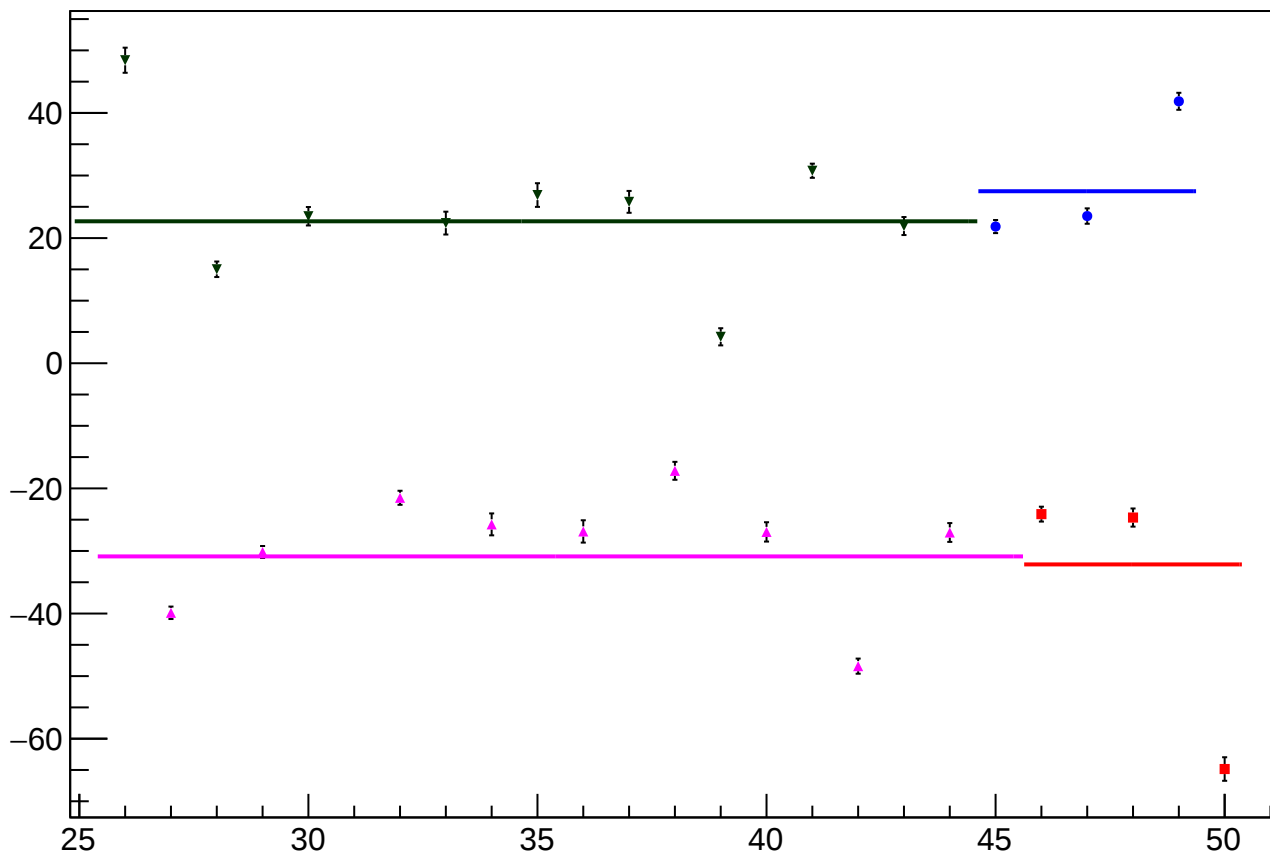
Left Out: -37.802+/-0.670 χ^2/NDF : 3472.1/8

-2.663+/-0.369 χ^2/NDF : 33770.5/23

Right Out: 83.951+/-1.071 χ^2/NDF : 834.2/2

Left In: 35.653+/-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

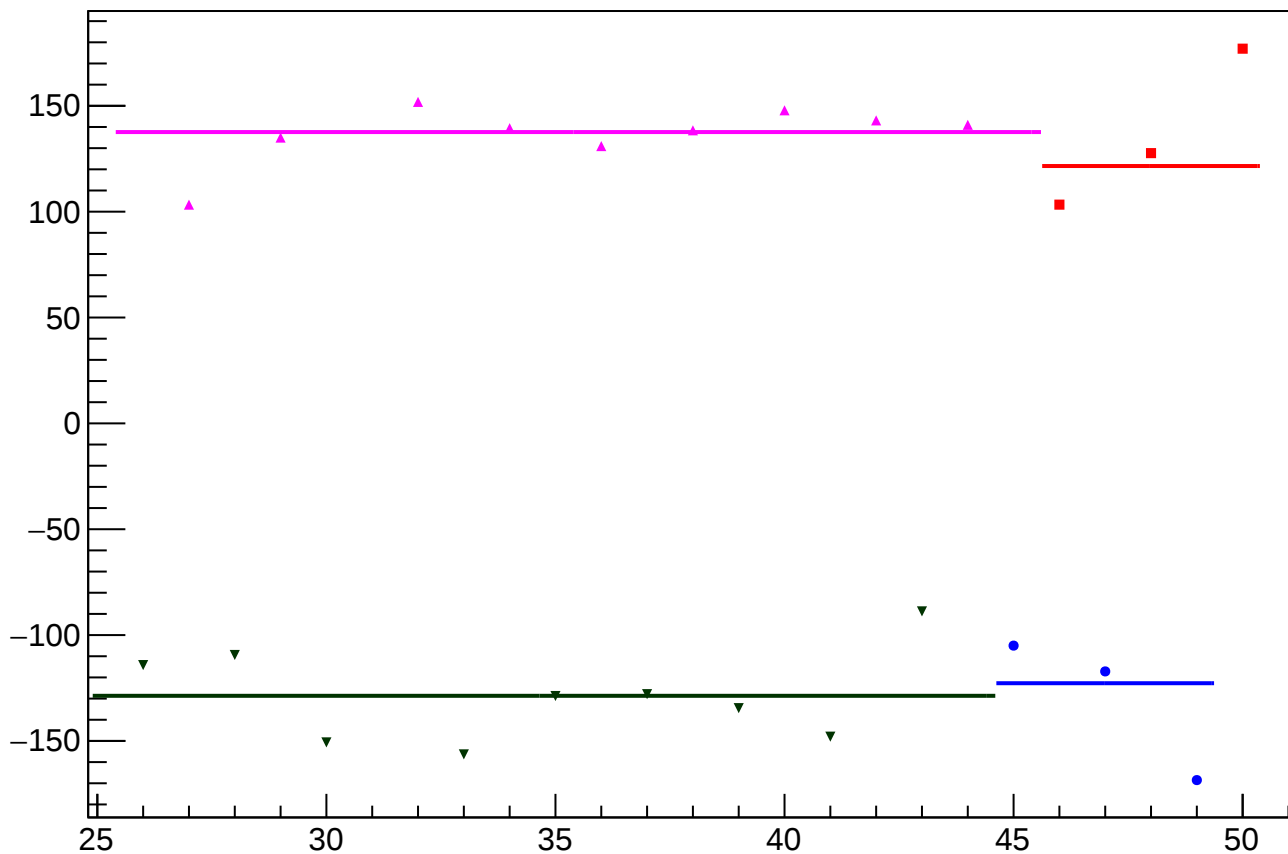
Left Out: 22.684+/-0.496 χ^2/NDF : 443.3/8

Right Out: -32.149+/-0.827 χ^2/NDF : 374.2/2

Left In: -30.869+/-0.424 χ^2/NDF : 480.3/8

-5.215+/-0.275 χ^2/NDF : 11597.9/23

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -122.738+/-0.154 χ^2/NDF : 25169.5/2

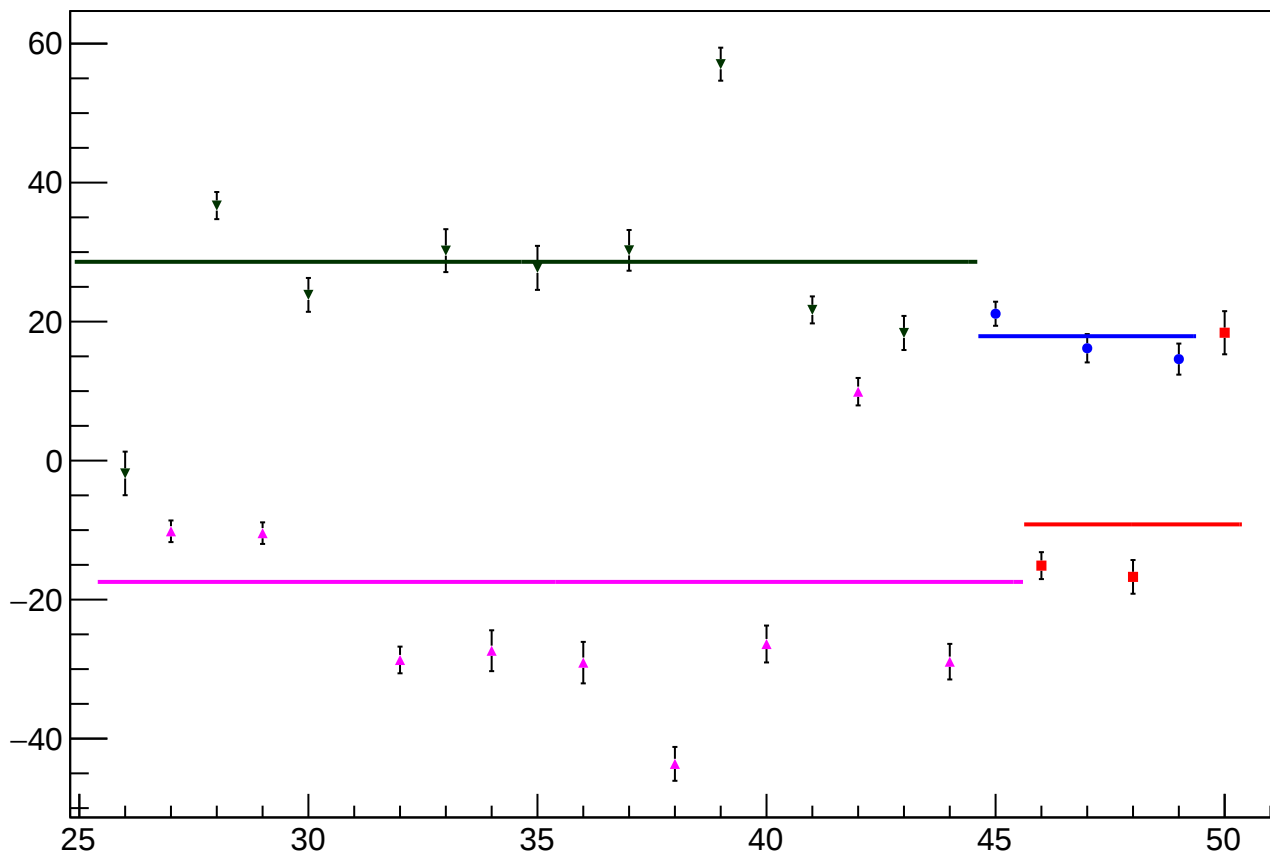
Left Out: -128.683+/-0.112 χ^2/NDF : 38450.4/8

Right Out: 121.561+/-0.178 χ^2/NDF : 19541.7/2

Left In: 137.605+/-0.100 χ^2/NDF : 21119.1/8

9.036+/-0.063 χ^2/NDF : 4408301.0/23

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 17.900+/-1.137 χ^2/NDF : 6.4/2

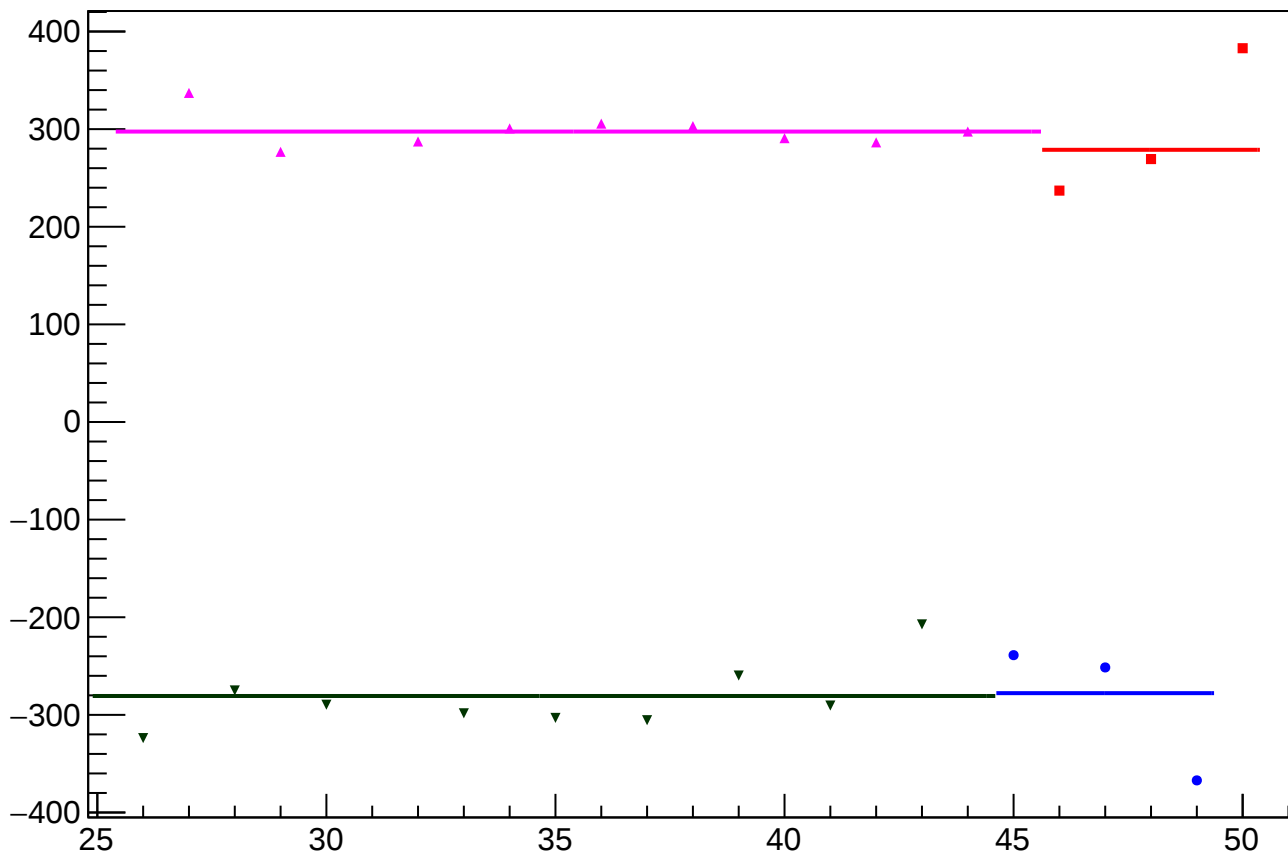
Left Out: 28.605+/-0.827 χ^2/NDF : 289.4/8

Right Out: -9.177+/-1.361 χ^2/NDF : 98.0/2

Left In: -17.453+/-0.699 χ^2/NDF : 441.8/8

3.111+/-0.455 χ^2/NDF : 2902.0/23

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -277.753+/-0.222 χ^2/NDF : 60969.3/2

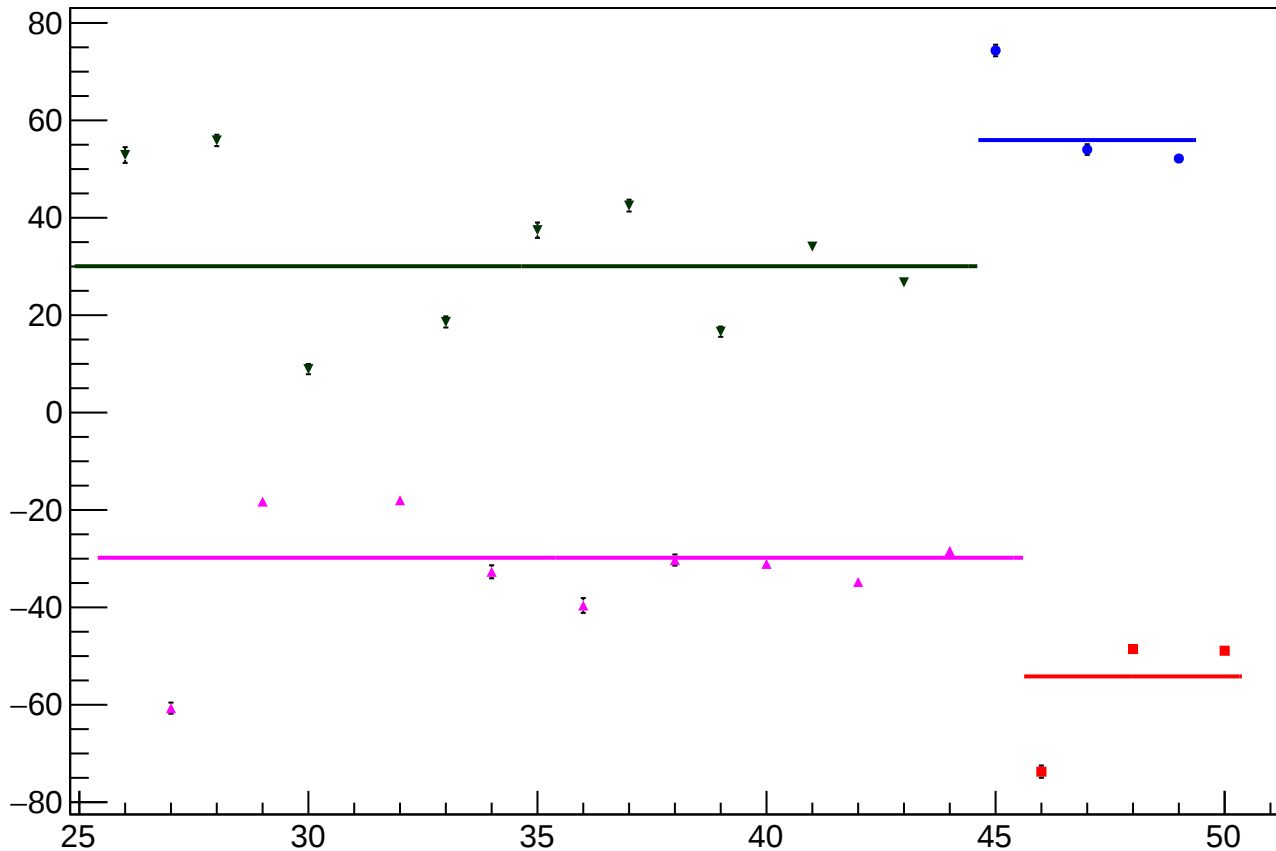
Left Out: -280.656+/-0.153 χ^2/NDF : 43963.5/8

Right Out: 278.829+/-0.261 χ^2/NDF : 46799.5/2

Left In: 297.504+/-0.148 χ^2/NDF : 15085.1/8

0.422+/-0.090 χ^2/NDF : 10240707.5/23

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.955+/-0.471 χ^2/NDF : 283.8/2

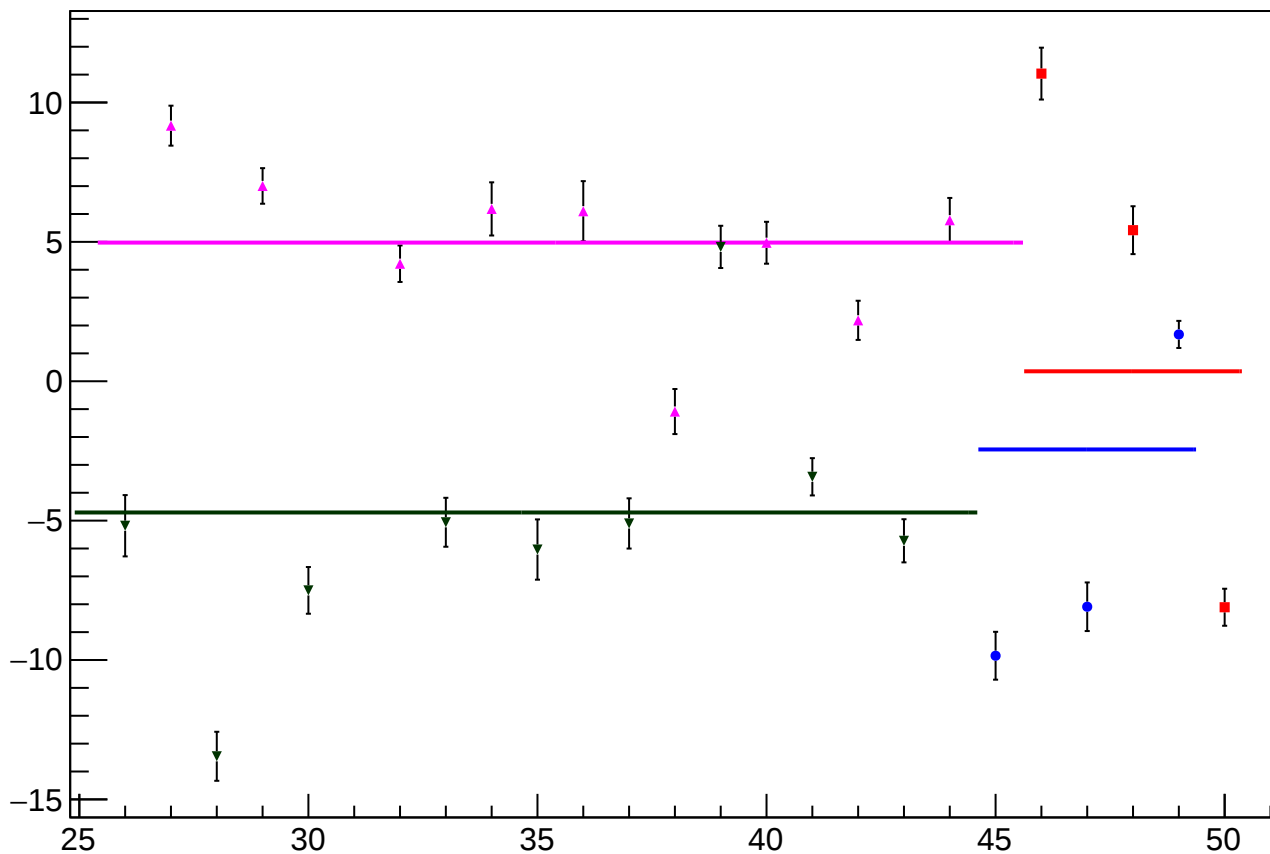
Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

2.351+/-0.209 χ^2/NDF : 39624.8/23

Right Out: -54.175+/-0.589 χ^2/NDF : 305.5/2

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 χ^2/NDF : 188.3/2

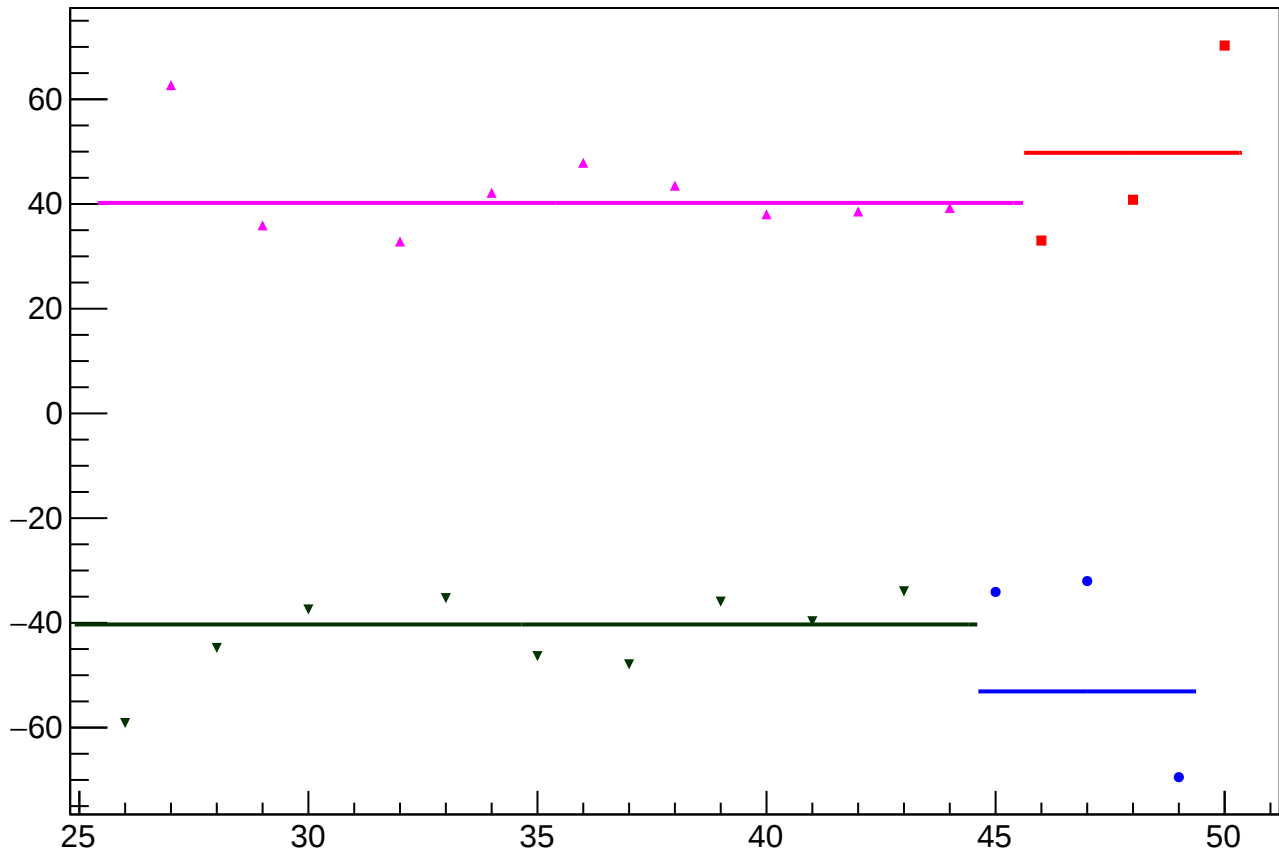
Left Out: -4.708 ± 0.282 χ^2/NDF : 275.7/8

Right Out: 0.357 ± 0.457 χ^2/NDF : 328.9/2

Left In: 4.974 ± 0.253 χ^2/NDF : 121.4/8

0.078 ± 0.158 χ^2/NDF : 1620.4/23

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -53.091 $\pm$ 0.089 χ^2 /NDF: 41992.1/2

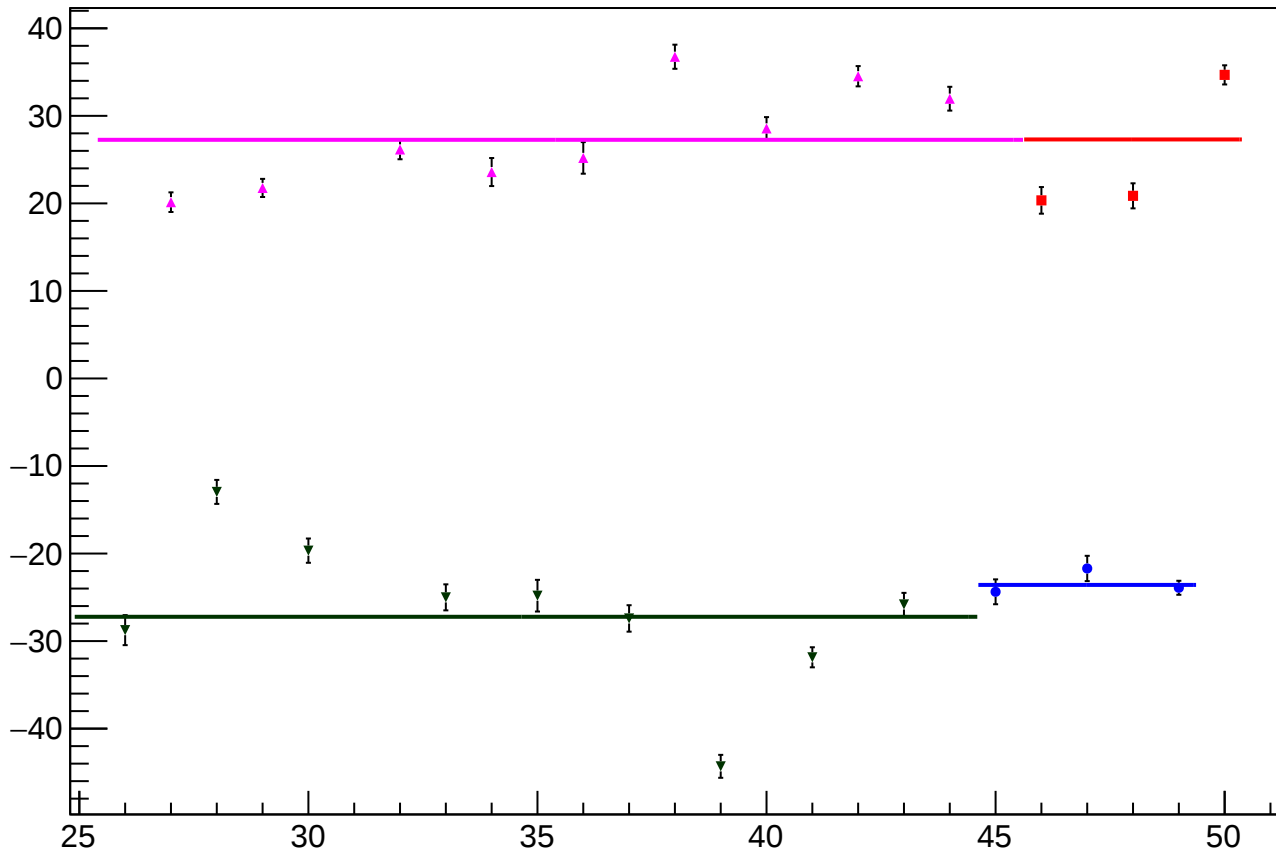
Left Out: -40.306 $\pm$ 0.063 χ^2 /NDF:10954.8/8

Right Out: 49.779 $\pm$ 0.104 χ^2 /NDF: 24918.4/2

Left In: 40.209 $\pm$ 0.058 χ^2 /NDF:18072.5/8

-0.873 $\pm$ 0.036 χ^2 /NDF: 1566837.3/23

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.584 ± 0.628 χ^2/NDF : 2.2/2

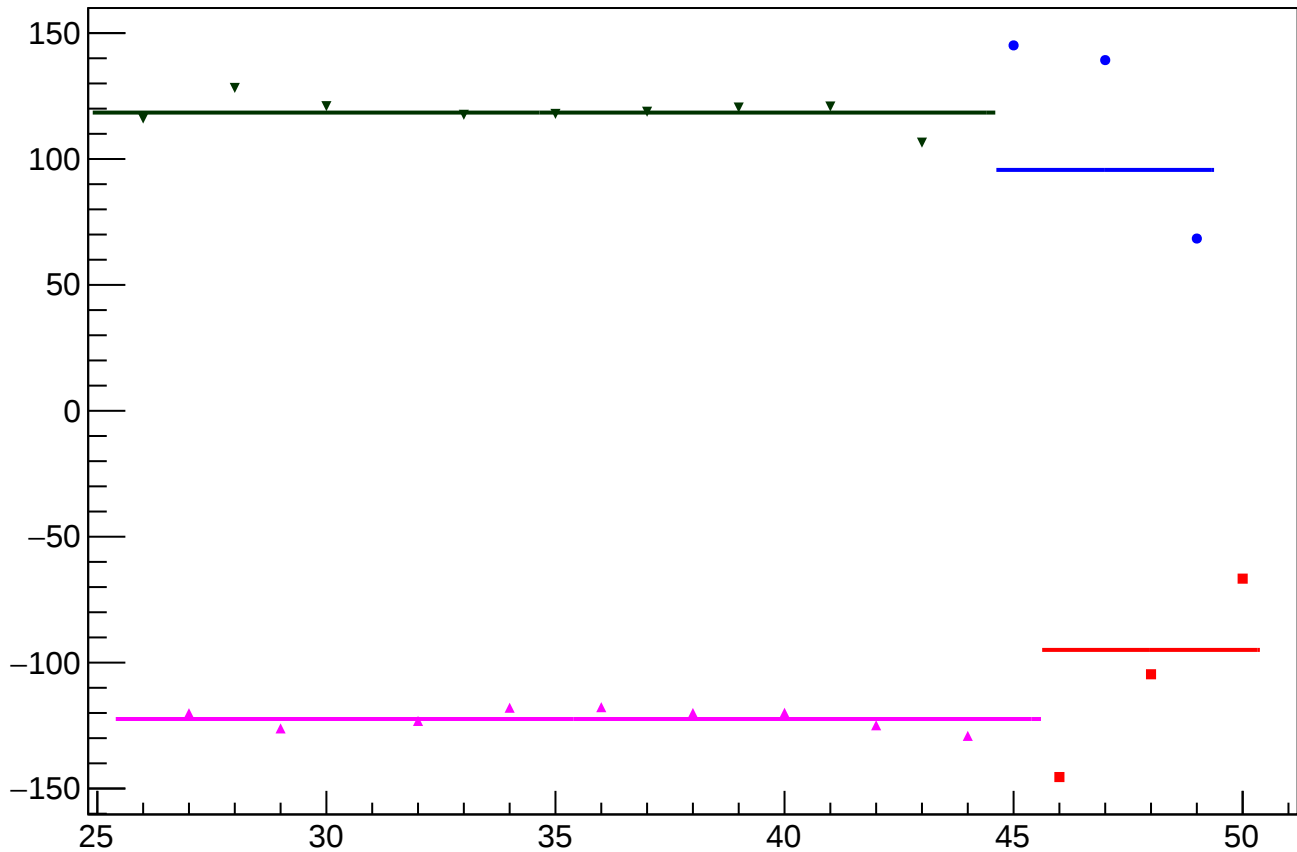
Left Out: -27.224 ± 0.471 χ^2/NDF : 330.4/8

Right Out: 27.303 ± 0.755 χ^2/NDF : 86.5/2

Left In: 27.262 ± 0.421 χ^2/NDF : 175.8/8

1.314 ± 0.263 χ^2/NDF : 10814.4/23

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 95.669+/-0.121 χ^2/NDF : 86601.0/2

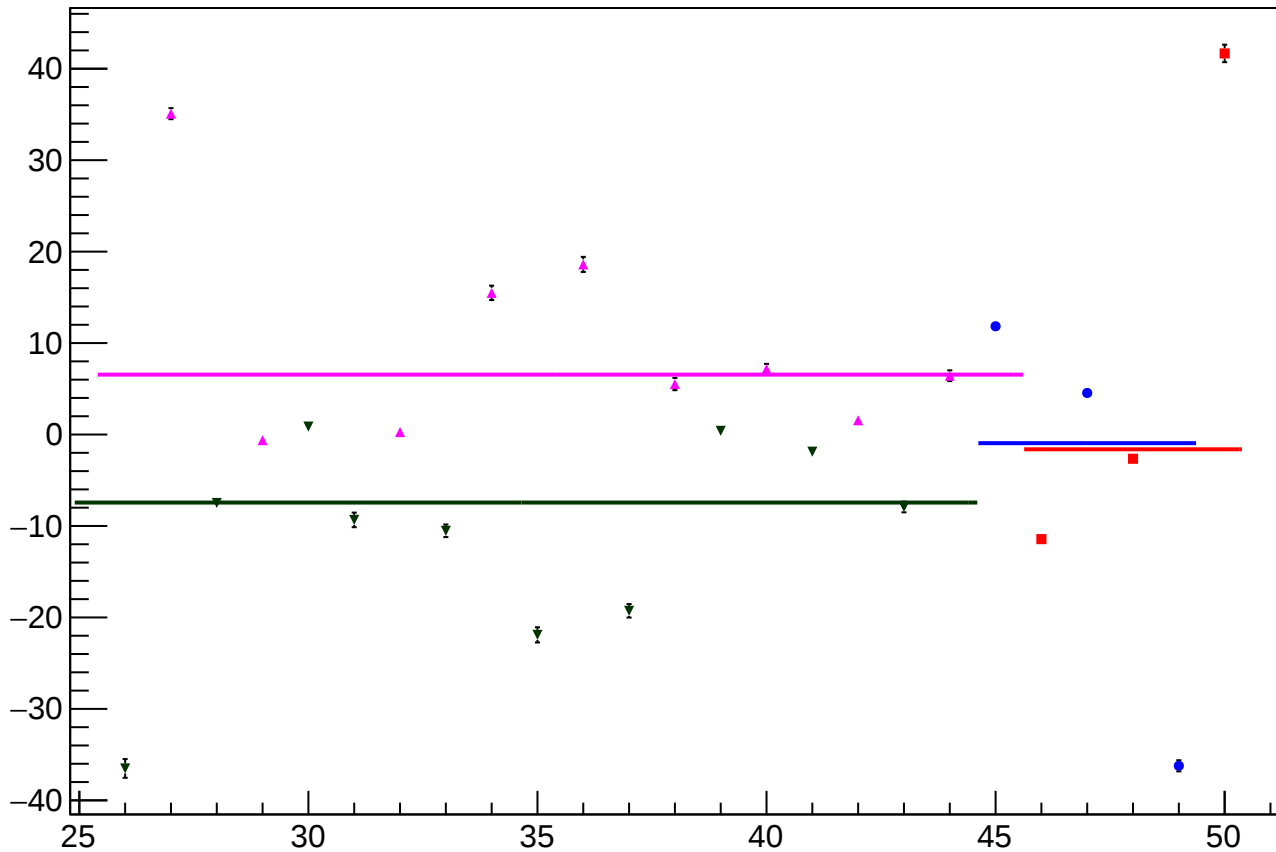
Left Out: 118.438+/-0.086 χ^2/NDF : 4307.2/8

3.781+/-0.051 χ^2/NDF : 5128625.0/23

Right Out: -94.952+/-0.138 χ^2/NDF : 50461.9/2

Left In: -122.391+/-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

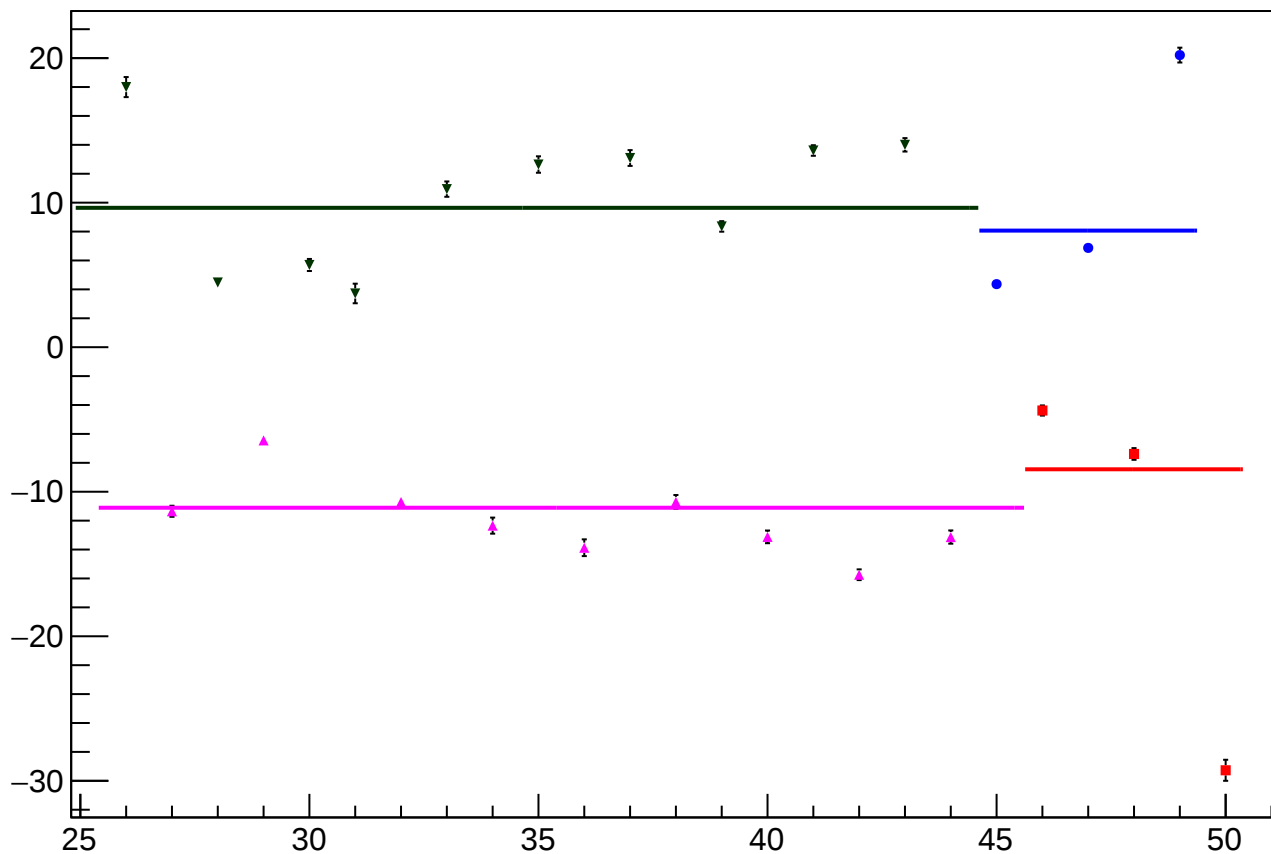
Left Out: -7.437 ± 0.192 χ^2/NDF : 1995.0/9

Right Out: -1.616 ± 0.322 χ^2/NDF : 2466.3/2

Left In: 6.550 ± 0.179 χ^2/NDF : 3282.1/8

-0.329 ± 0.111 χ^2/NDF : 14915.4/24

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.067 ± 0.211 $\chi^2/\text{NDF}: 701.9/2$

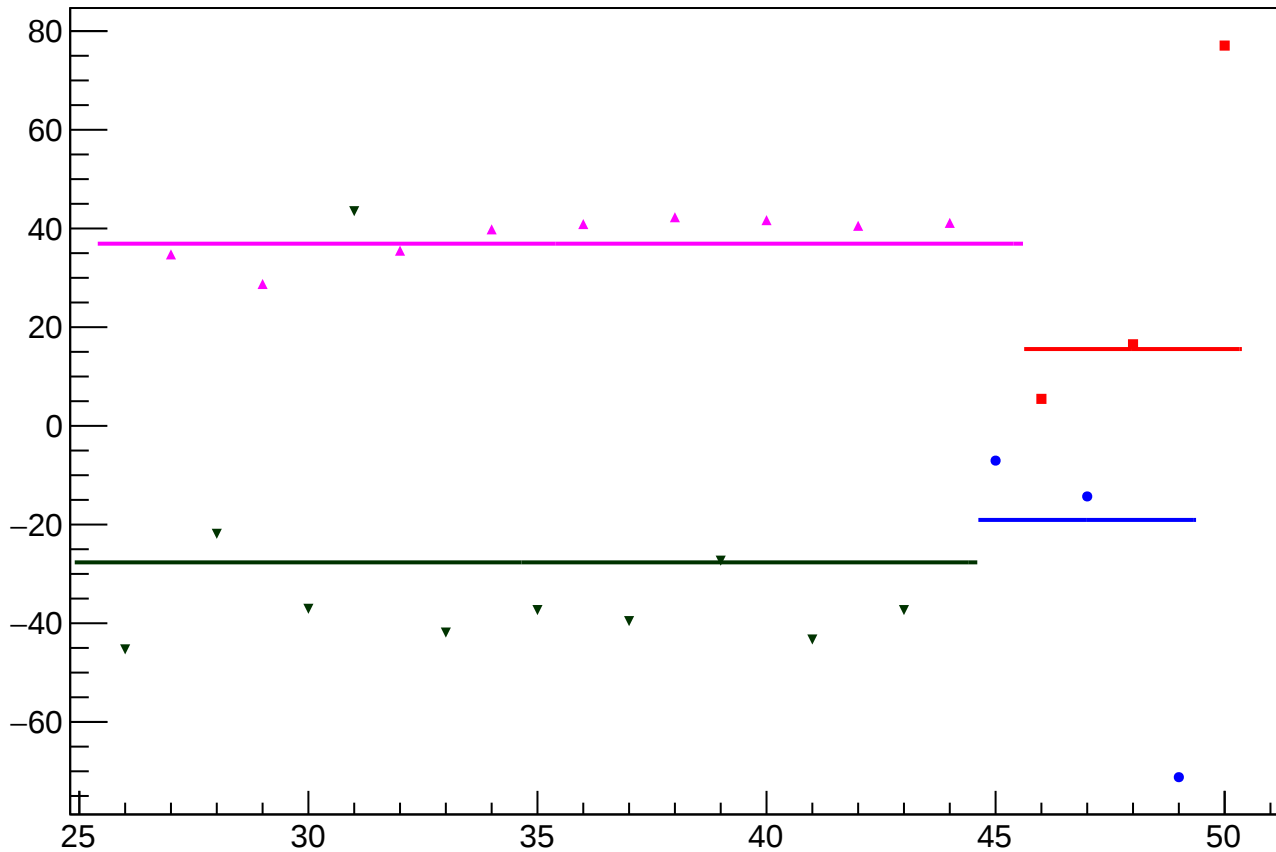
Left Out: 9.643 ± 0.143 $\chi^2/\text{NDF}: 847.5/9$

Right Out: -8.448 ± 0.249 $\chi^2/\text{NDF}: 960.3/2$

Left In: -11.107 ± 0.133 $\chi^2/\text{NDF}: 517.7/8$

-0.804 ± 0.083 $\chi^2/\text{NDF}: 17110.0/24$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -19.059 ± 0.046 χ^2/NDF : 204466.5/2

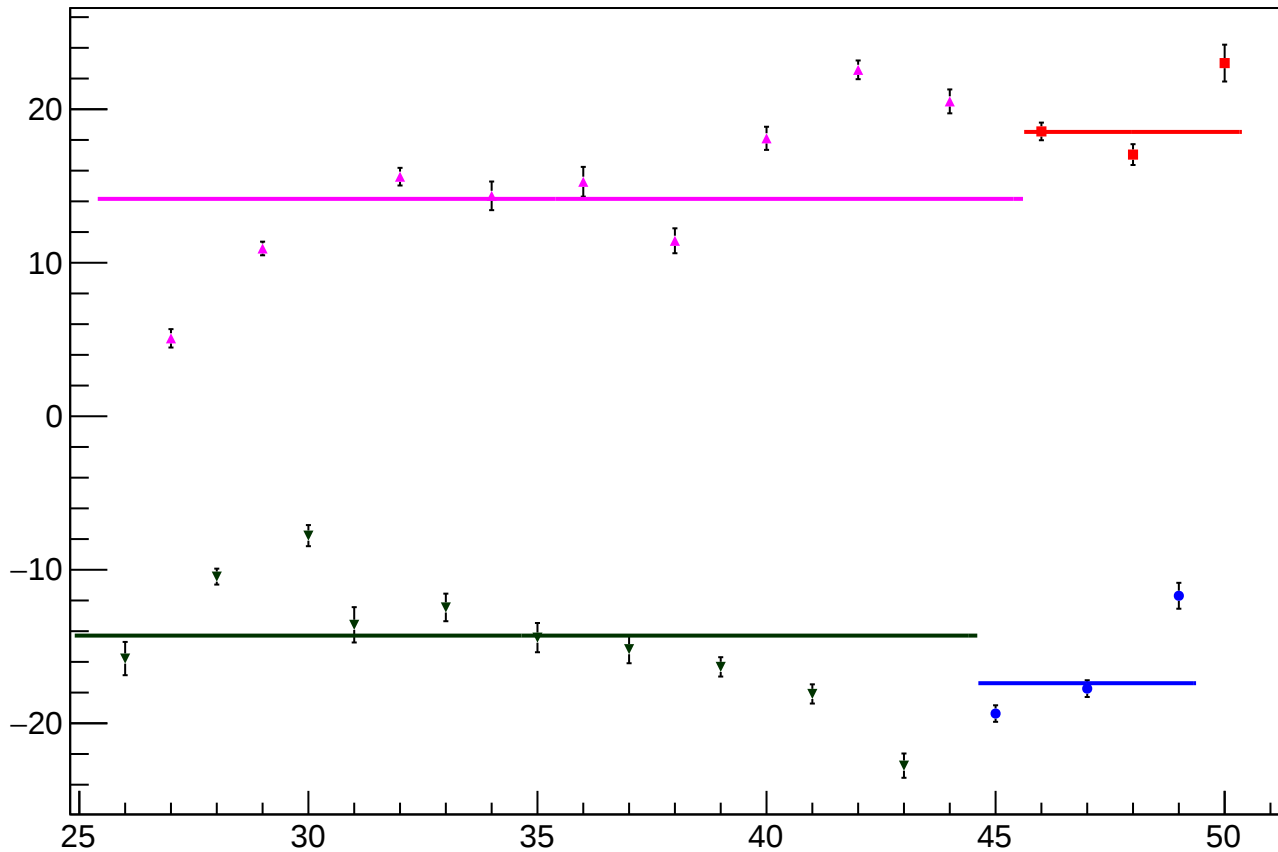
Left Out: -27.661 ± 0.032 χ^2/NDF : 544702.9/9

Right Out: 15.569 ± 0.053 χ^2/NDF : 131981.4/2

Left In: 36.920 ± 0.031 χ^2/NDF : 23590.7/8

2.816 ± 0.019 χ^2/NDF : 3328358.5/24

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -17.389 ± 0.349 $\chi^2/\text{NDF}: 59.5/2$

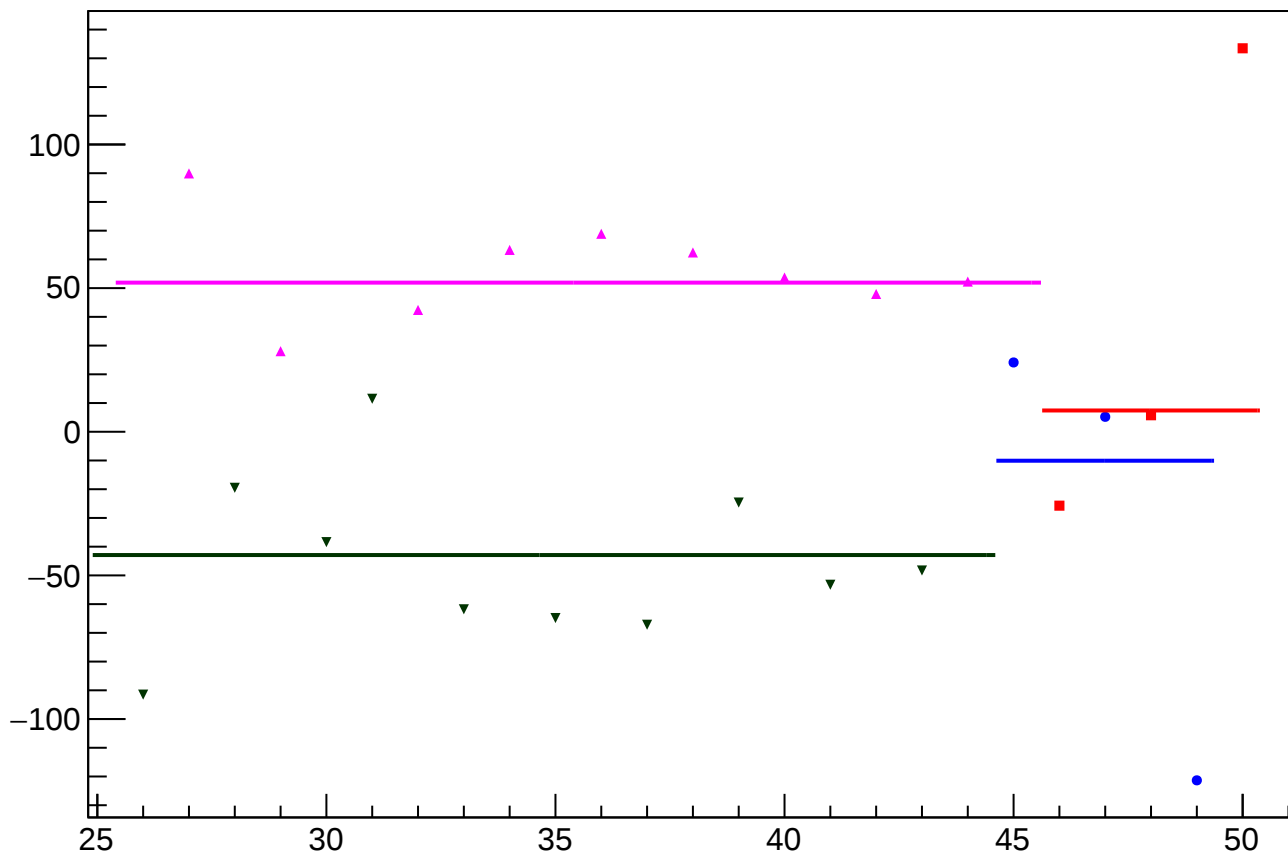
Left Out: -14.288 ± 0.238 $\chi^2/\text{NDF}: 313.7/9$

Right Out: 18.523 ± 0.412 $\chi^2/\text{NDF}: 18.7/2$

Left In: 14.162 ± 0.220 $\chi^2/\text{NDF}: 585.9/8$

0.149 ± 0.138 $\chi^2/\text{NDF}: 13237.1/24$

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -10.081 ± 0.068 χ^2/NDF : 601486.8/2

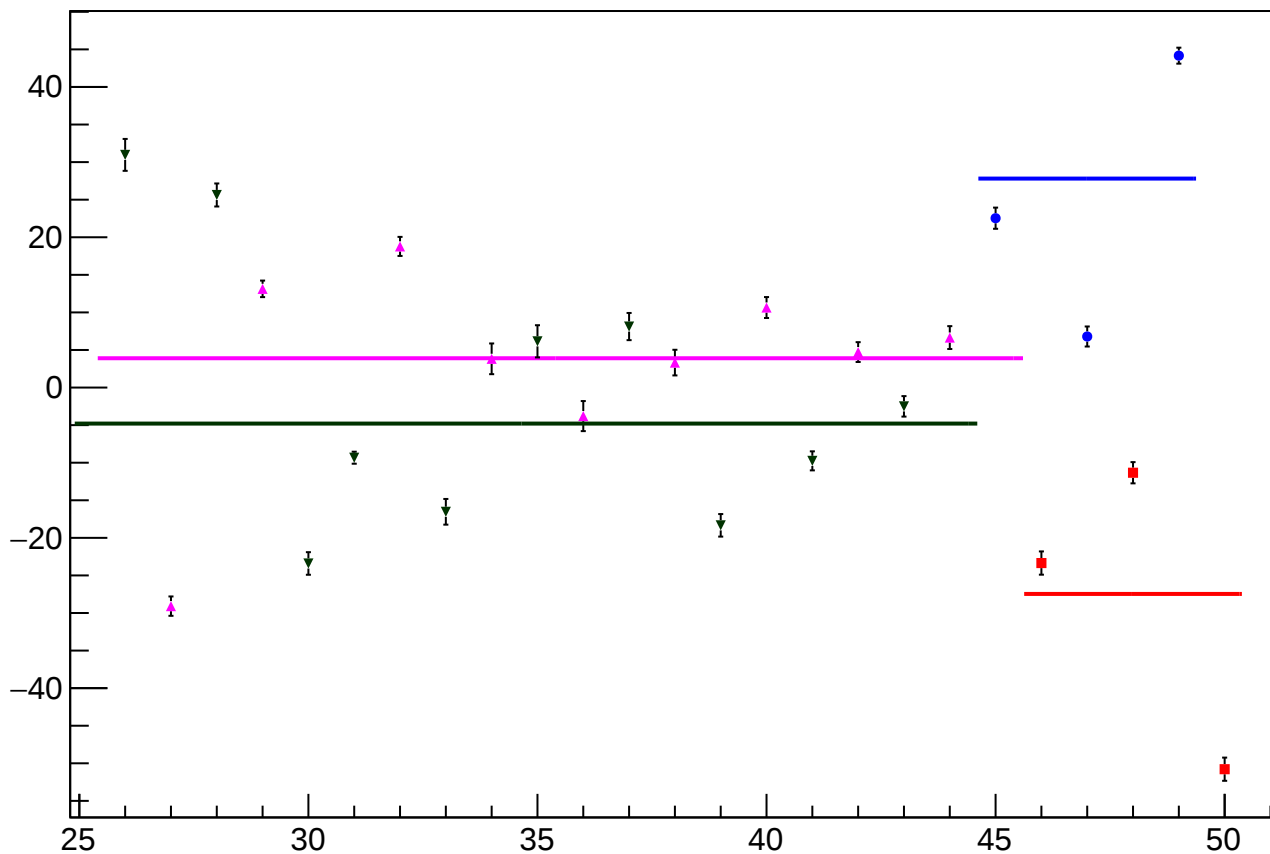
Left Out: -42.913 ± 0.044 χ^2/NDF : 295110.7/9

Right Out: 7.410 ± 0.080 χ^2/NDF : 426088.8/2

Left In: 51.914 ± 0.046 χ^2/NDF : 149065.3/8

1.155 ± 0.027 χ^2/NDF : 3735525.5/24

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 27.808+/-0.716 χ^2/NDF : 499.2/2

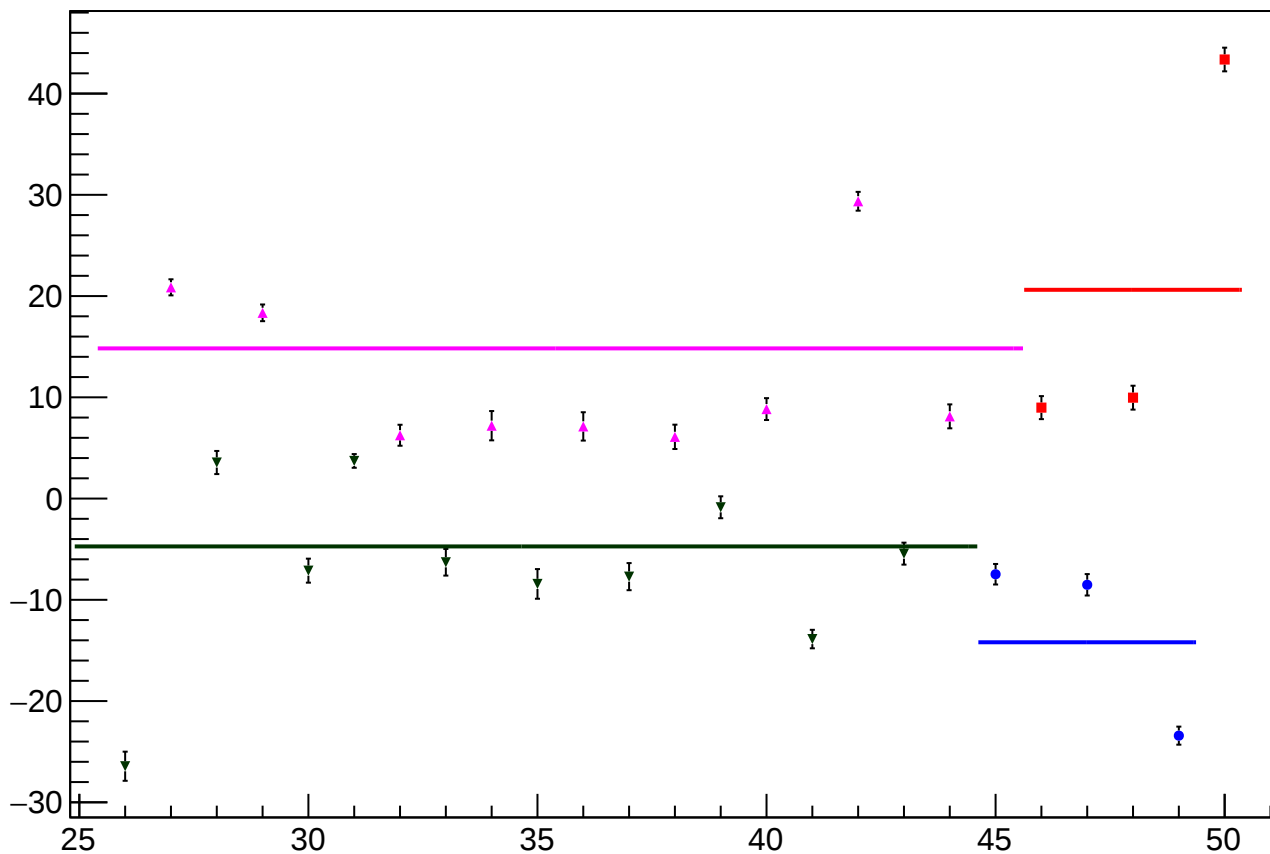
Left Out: -4.793+/-0.442 χ^2/NDF : 1087.2/9

Right Out: -27.462+/-0.864 χ^2/NDF : 365.8/2

Left In: 3.900+/-0.476 χ^2/NDF : 906.0/8

0.788+/-0.279 χ^2/NDF : 5553.0/24

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -14.194 ± 0.566 $\chi^2/\text{NDF}: 179.7/2$

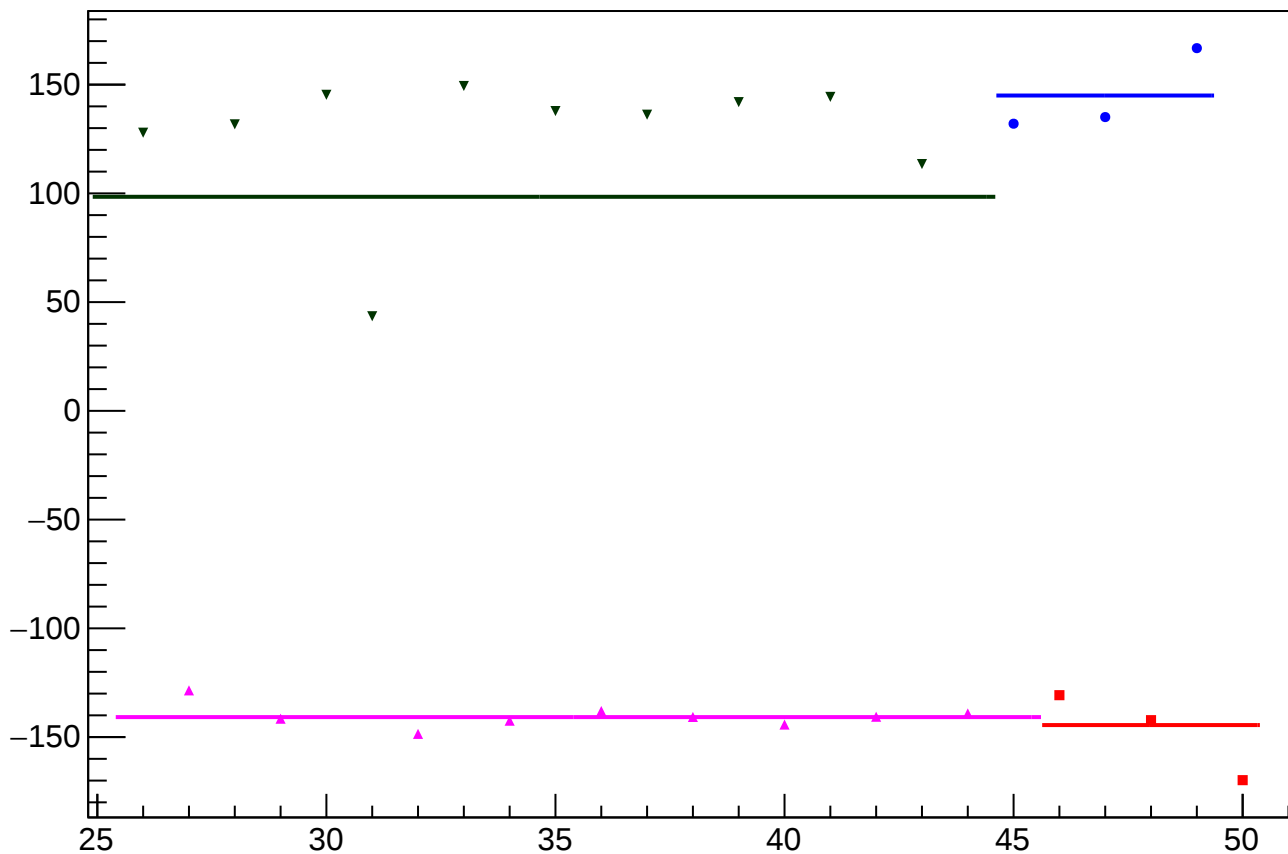
Left Out: -4.727 ± 0.340 $\chi^2/\text{NDF}: 566.1/9$

Right Out: 20.619 ± 0.671 $\chi^2/\text{NDF}: 565.0/2$

Left In: 14.832 ± 0.345 $\chi^2/\text{NDF}: 563.0/8$

3.805 ± 0.211 $\chi^2/\text{NDF}: 5165.1/24$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 144.990 $\pm$ 0.128 χ^2 /NDF: 15231.2/2

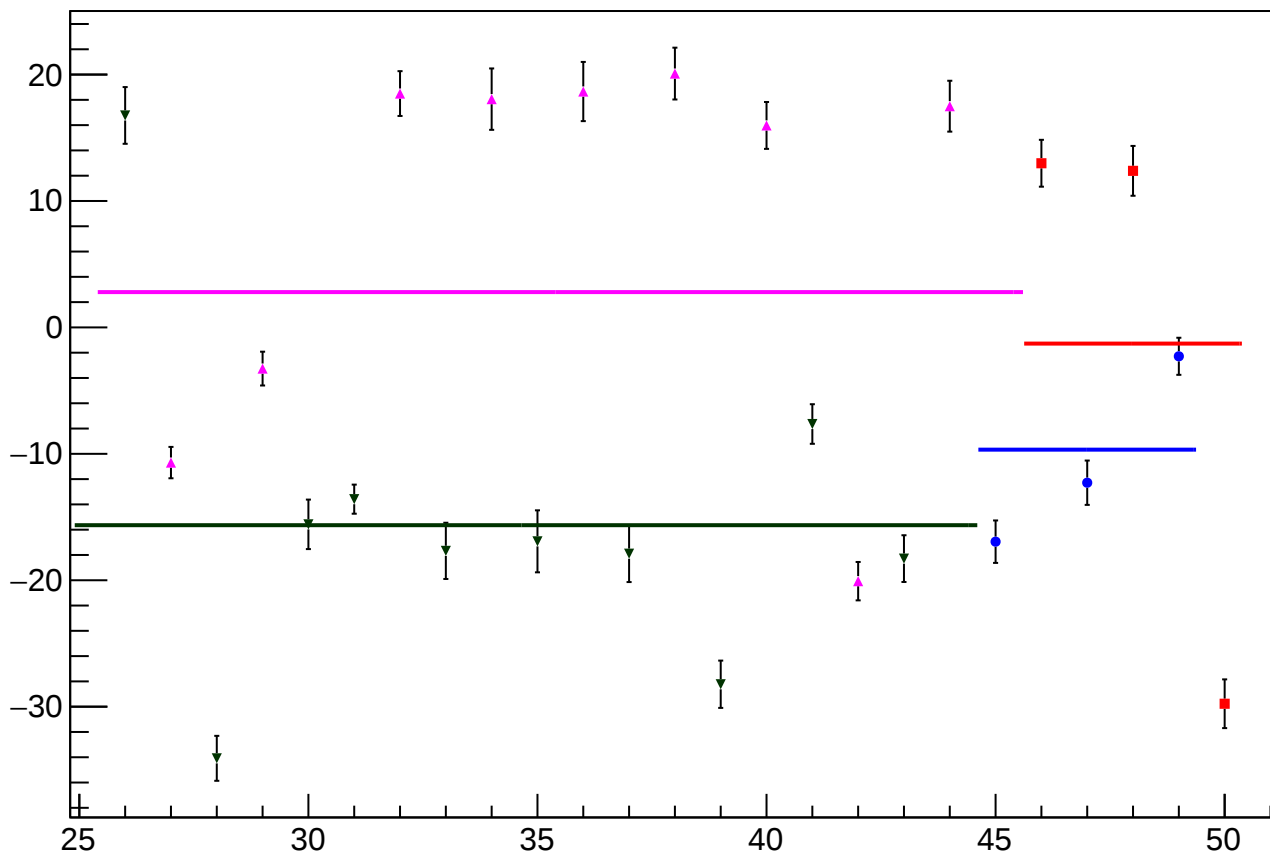
Left Out: 98.427 $\pm$ 0.068 χ^2 /NDF: 464189.2/9

5.567 $\pm$ 0.046 χ^2 /NDF: 7711250.3/24

Right Out: -144.473 $\pm$ 0.148 χ^2 /NDF: 10895.3/2

Left In: -140.810 $\pm$ 0.082 χ^2 /NDF: 4715.0/8

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -9.669 ± 0.934 $\chi^2/\text{NDF}: 46.4/2$

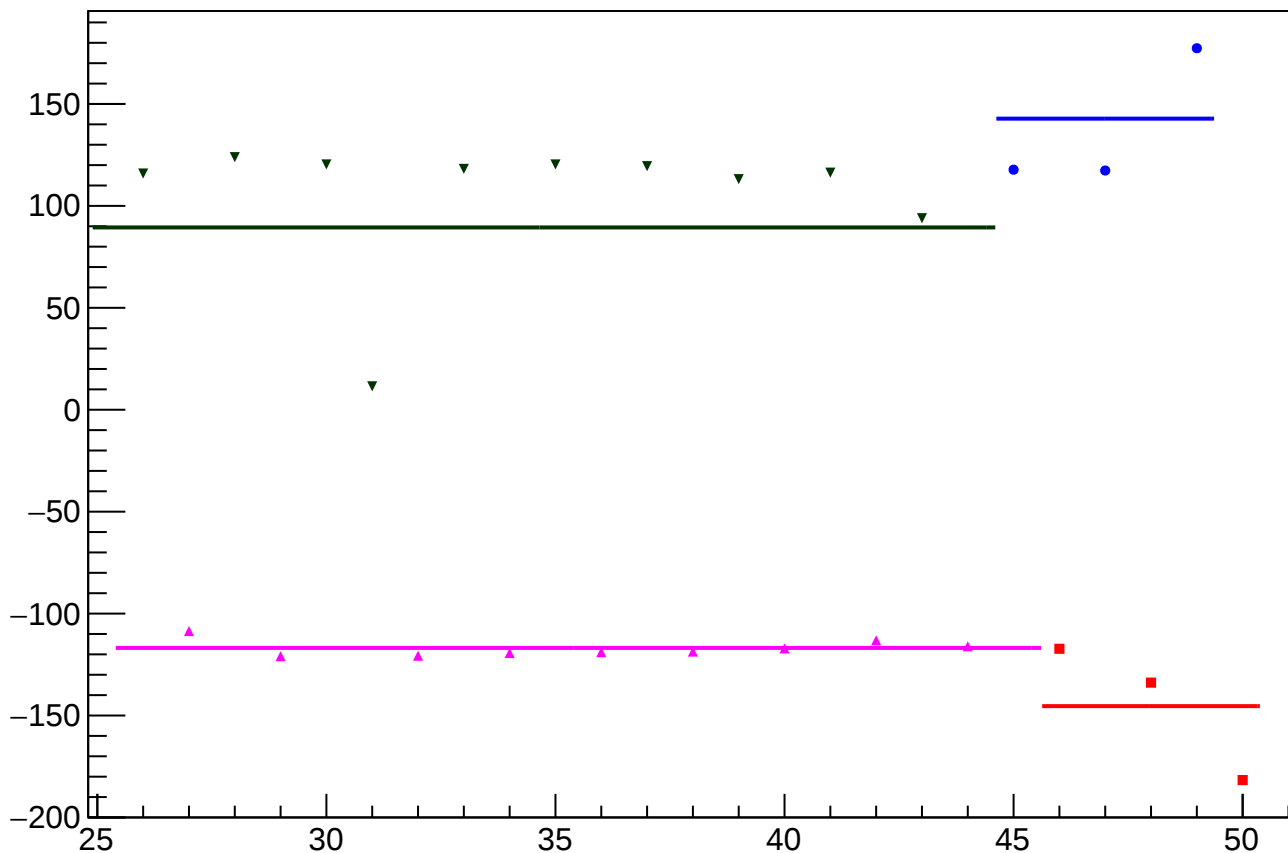
Left Out: -15.644 ± 0.569 $\chi^2/\text{NDF}: 395.1/9$

Right Out: -1.280 ± 1.106 $\chi^2/\text{NDF}: 325.8/2$

Left In: 2.793 ± 0.569 $\chi^2/\text{NDF}: 704.4/8$

-6.360 ± 0.351 $\chi^2/\text{NDF}: 2029.9/24$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 142.800 $\pm$ 0.181 χ^2 /NDF: 26539.1/2

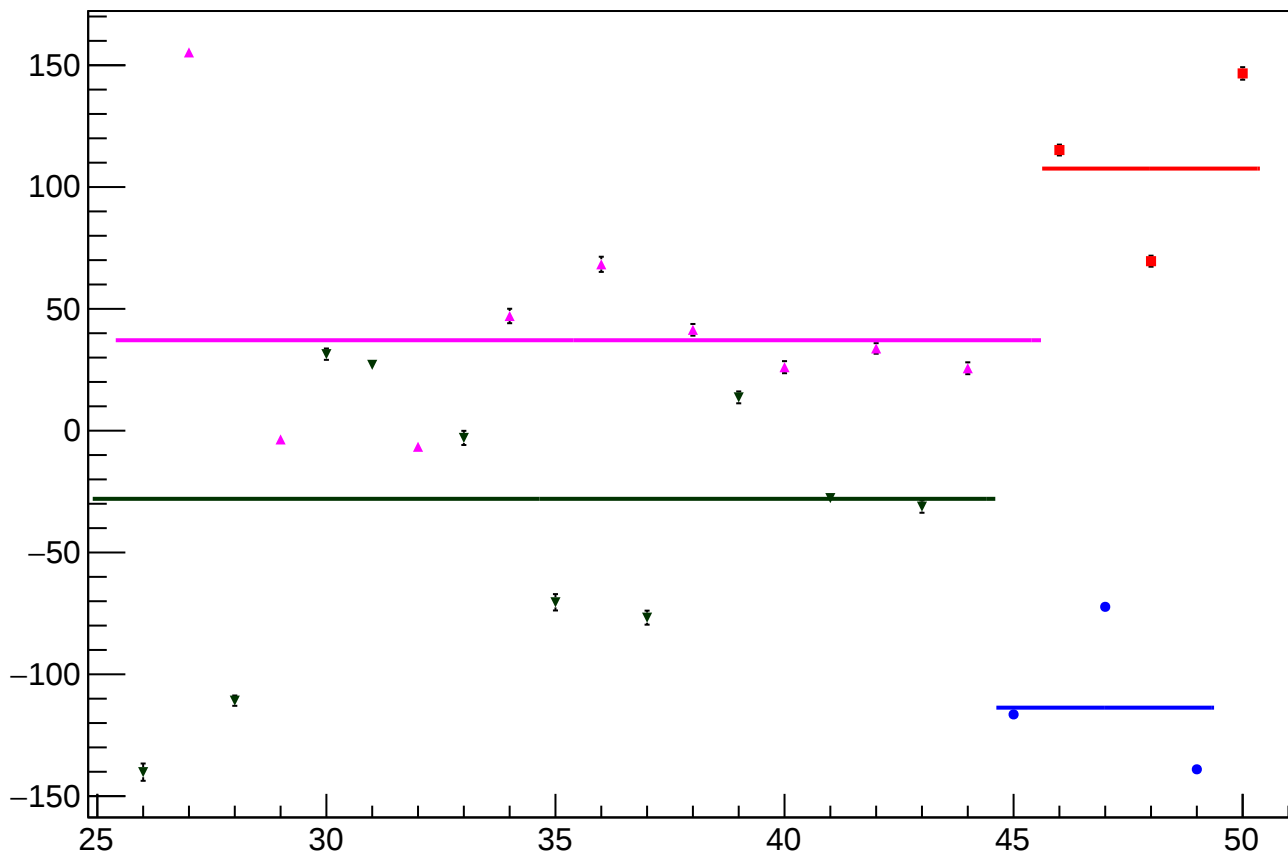
Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF: 195054.4/9

5.657 $\pm$ 0.068 χ^2 /NDF: 3041968.1/24

Right Out: -145.395 $\pm$ 0.207 χ^2 /NDF: 17792.8/2

Left In: -116.836 $\pm$ 0.120 χ^2 /NDF: 1138.7/8

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -113.687 ± 1.094 $\chi^2/\text{NDF}: 626.5/2$

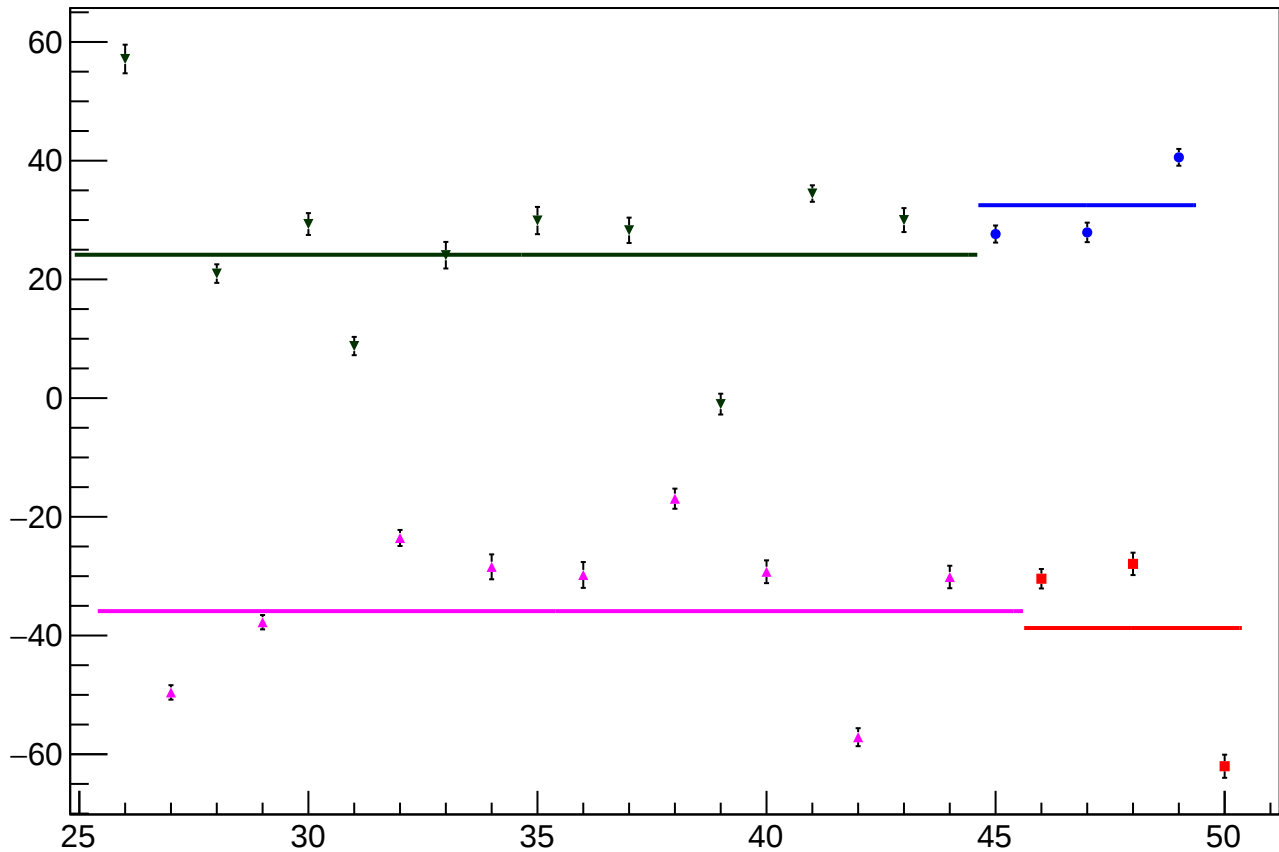
Left Out: -27.970 ± 0.765 $\chi^2/\text{NDF}: 4906.6/9$

-2.191 ± 0.445 $\chi^2/\text{NDF}: 32431.9/24$

Right Out: 107.579 ± 1.351 $\chi^2/\text{NDF}: 525.0/2$

Left In: 37.121 ± 0.714 $\chi^2/\text{NDF}: 5219.8/8$

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 32.499+/-0.860 χ^2/NDF : 51.7/2

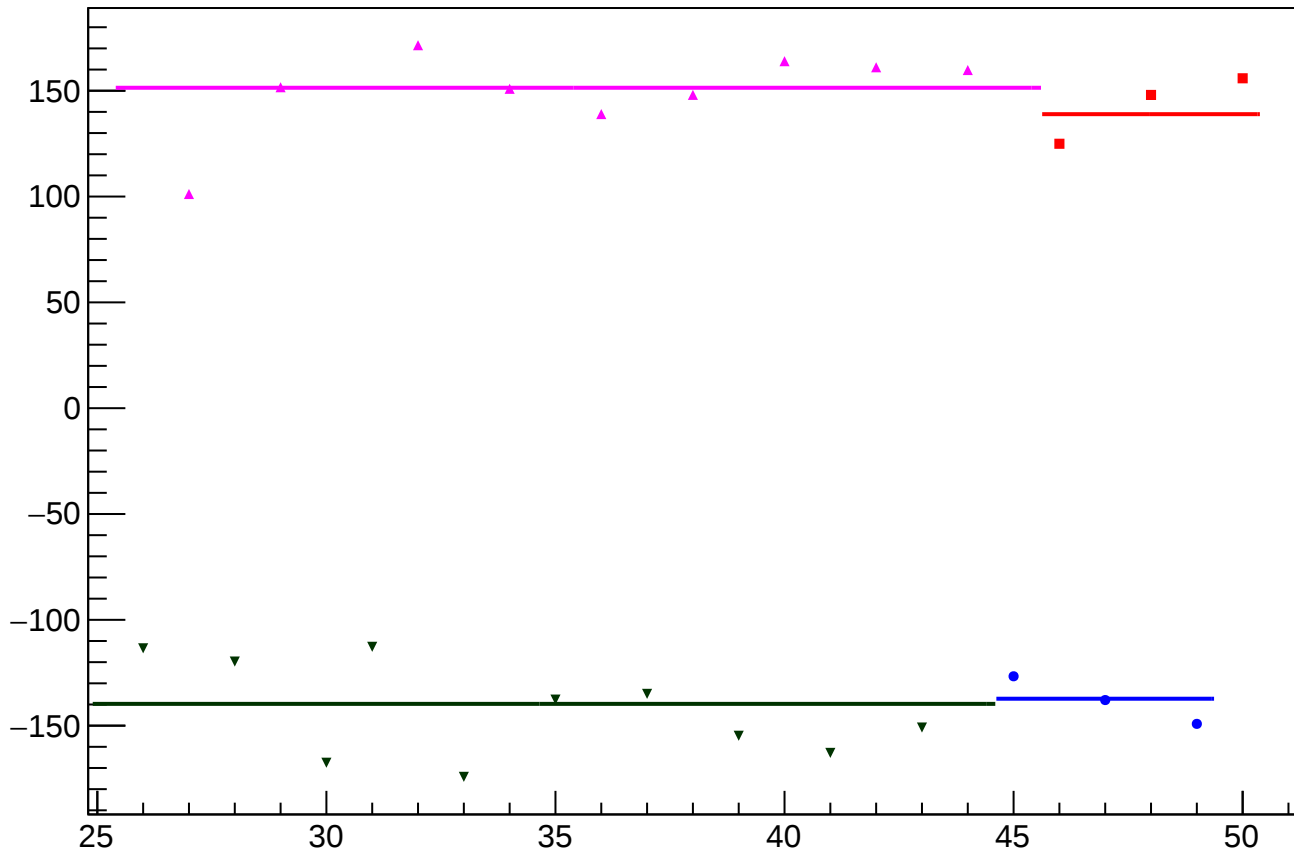
Left Out: 24.152+/-0.578 χ^2/NDF : 577.8/9

Right Out: -38.734+/-1.044 χ^2/NDF : 201.4/2

Left In: -35.889+/-0.522 χ^2/NDF : 574.5/8

-5.724+/-0.334 χ^2/NDF : 10398.0/24

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -137.275+/-0.194 χ^2/NDF : 2282.6/2

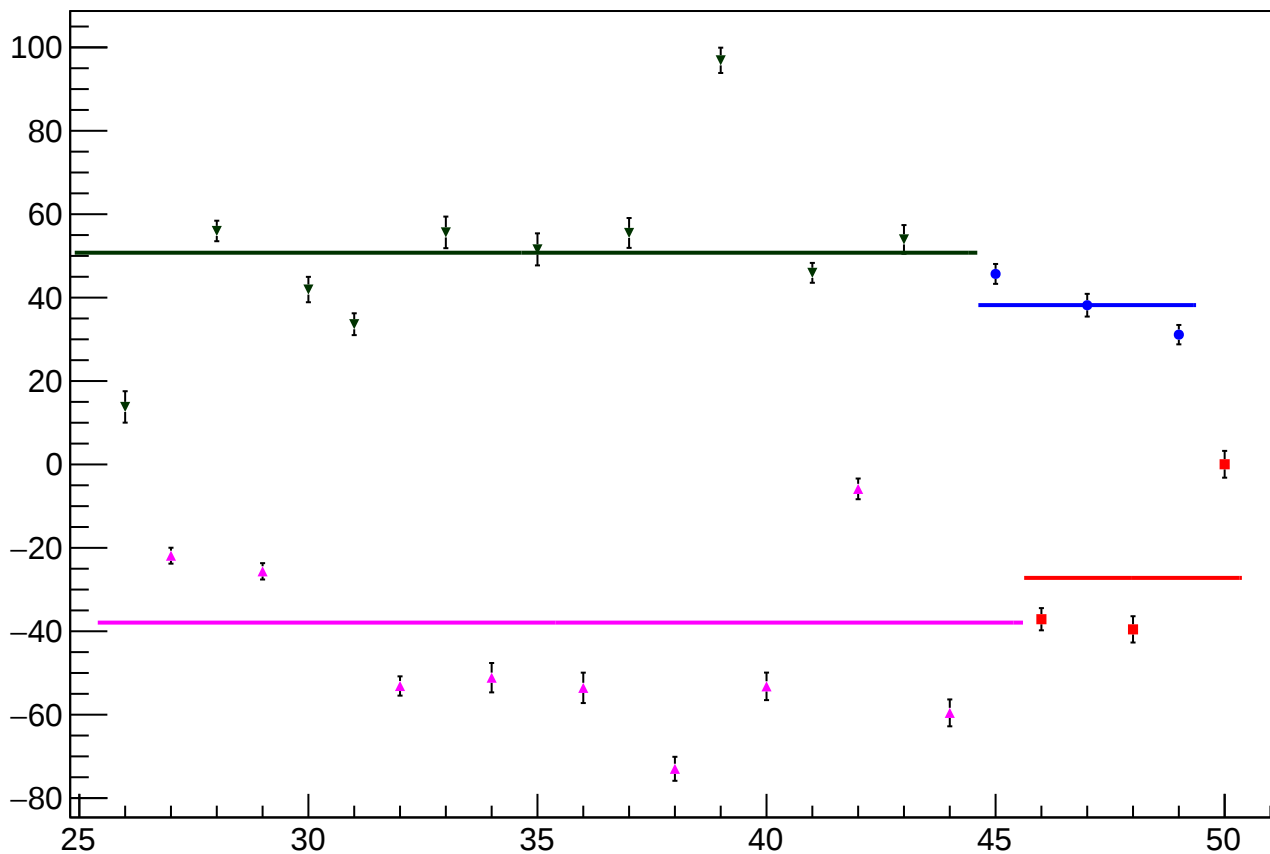
Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

Right Out: 138.926+/-0.229 χ^2/NDF : 3423.8/2

Left In: 151.402+/-0.122 χ^2/NDF : 30317.9/8

-1.143+/-0.075 χ^2/NDF : 3788671.0/24

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 38.206 ± 1.420 $\chi^2/\text{NDF}: 19.1/2$

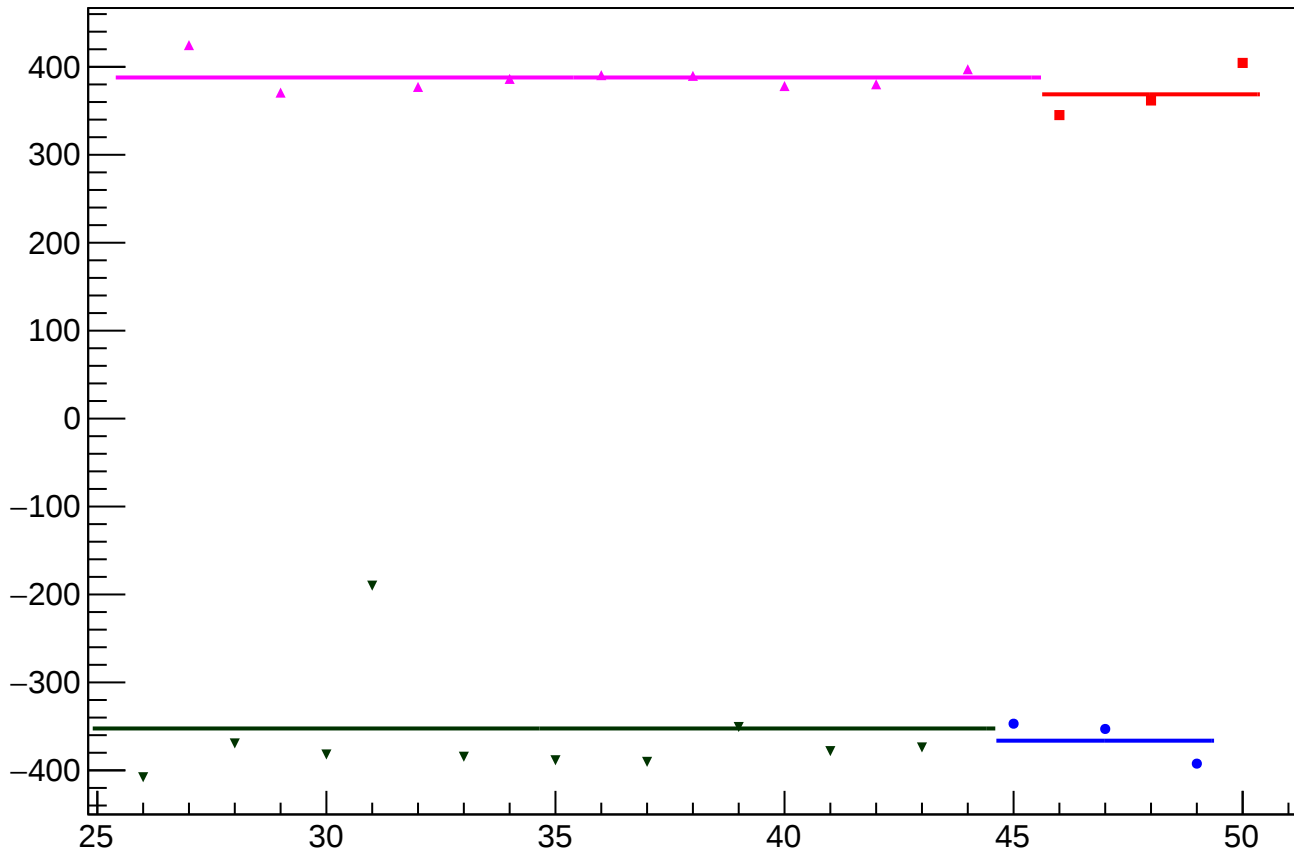
Left Out: 50.768 ± 0.965 $\chi^2/\text{NDF}: 391.5/9$

Right Out: -27.202 ± 1.719 $\chi^2/\text{NDF}: 101.0/2$

Left In: -37.922 ± 0.861 $\chi^2/\text{NDF}: 567.8/8$

4.025 ± 0.554 $\chi^2/\text{NDF}: 6711.2/24$

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -366.264+/-0.277 χ^2/NDF : 5743.3/2

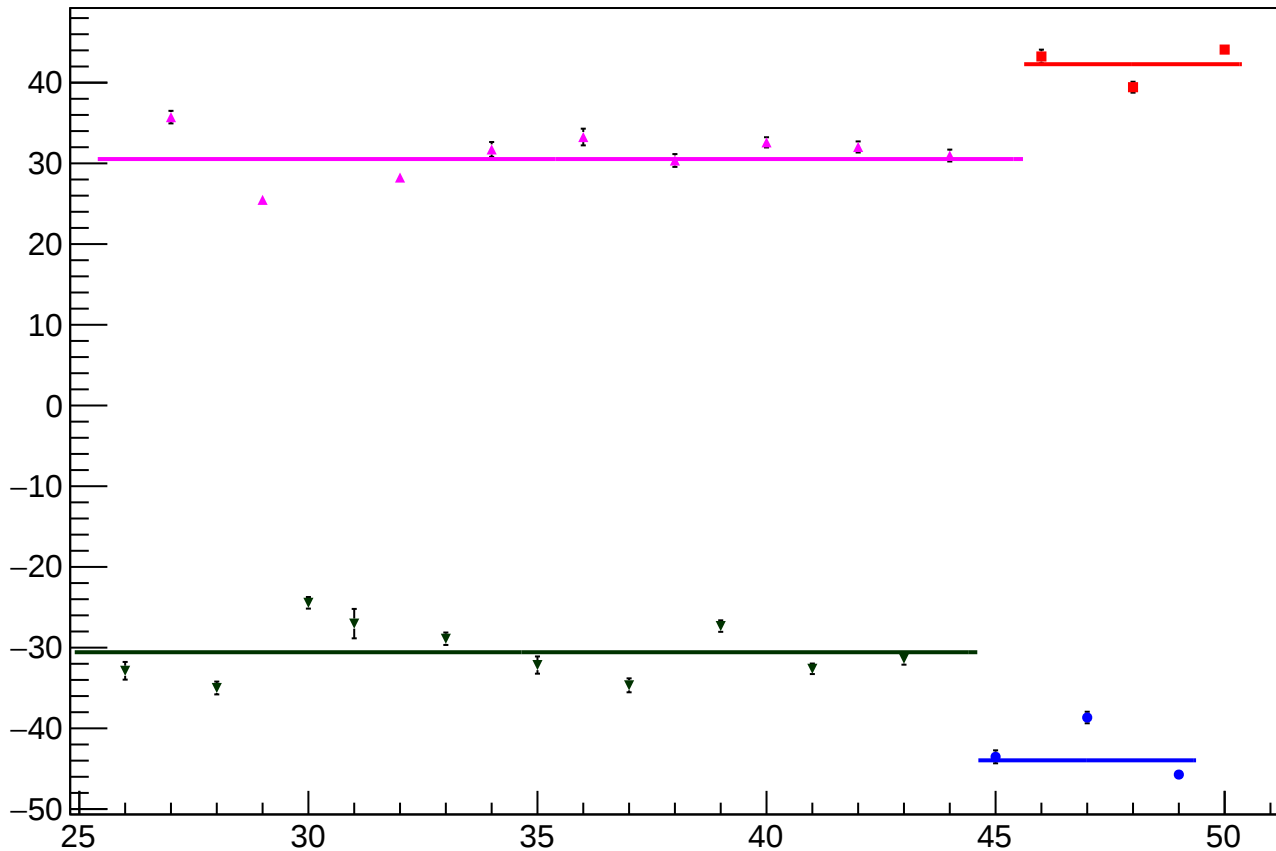
Left Out: -352.385+/-0.178 χ^2/NDF : 145038.2/9

-8.704+/-0.109 χ^2/NDF : 11620244.7/24

Right Out: 368.763+/-0.325 χ^2/NDF : 5936.2/2

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 ± 0.320 $\chi^2/\text{NDF}: 74.6/2$

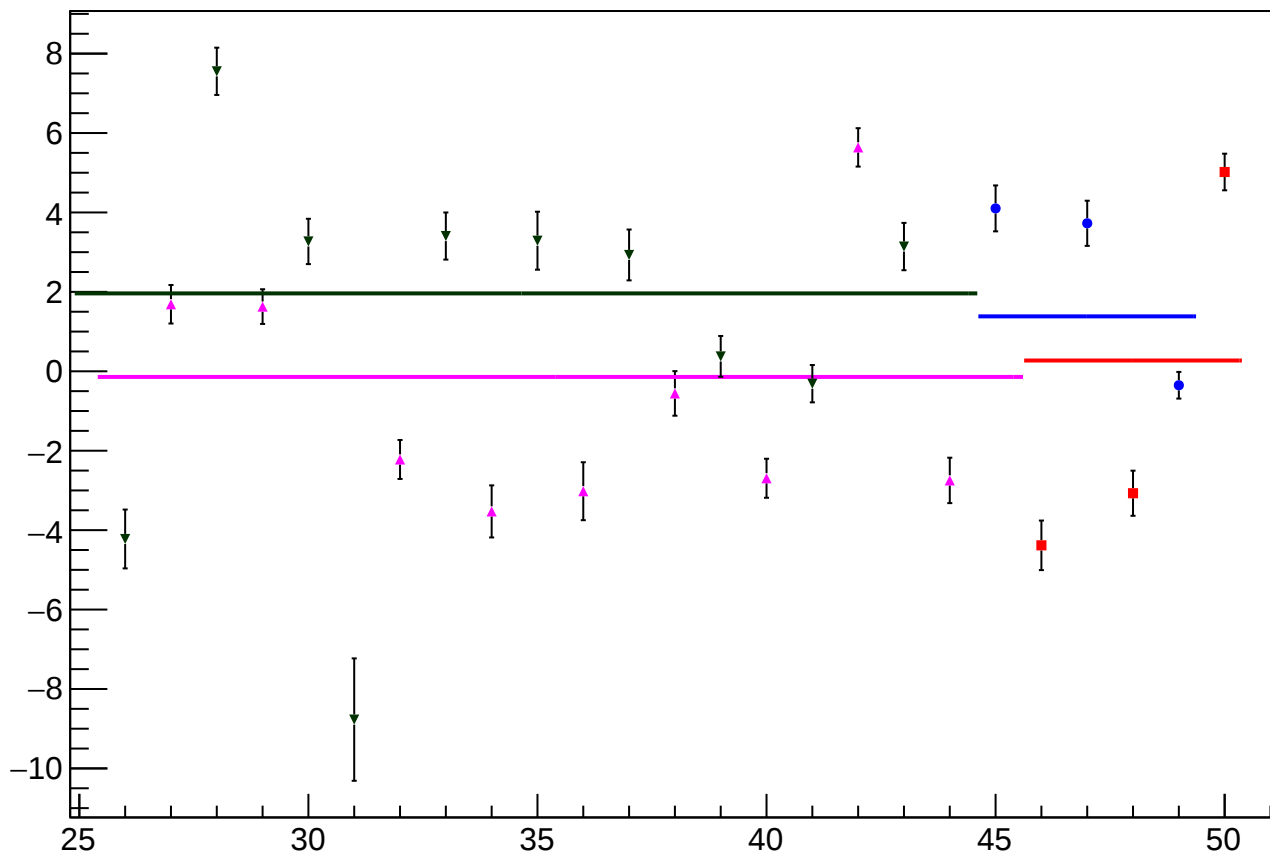
Left Out: -30.568 ± 0.261 $\chi^2/\text{NDF}: 173.1/9$

Right Out: 42.286 ± 0.399 $\chi^2/\text{NDF}: 27.8/2$

Left In: 30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-1.562 ± 0.144 $\chi^2/\text{NDF}: 60464.6/24$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.383 ± 0.259 χ^2/NDF : 65.8/2

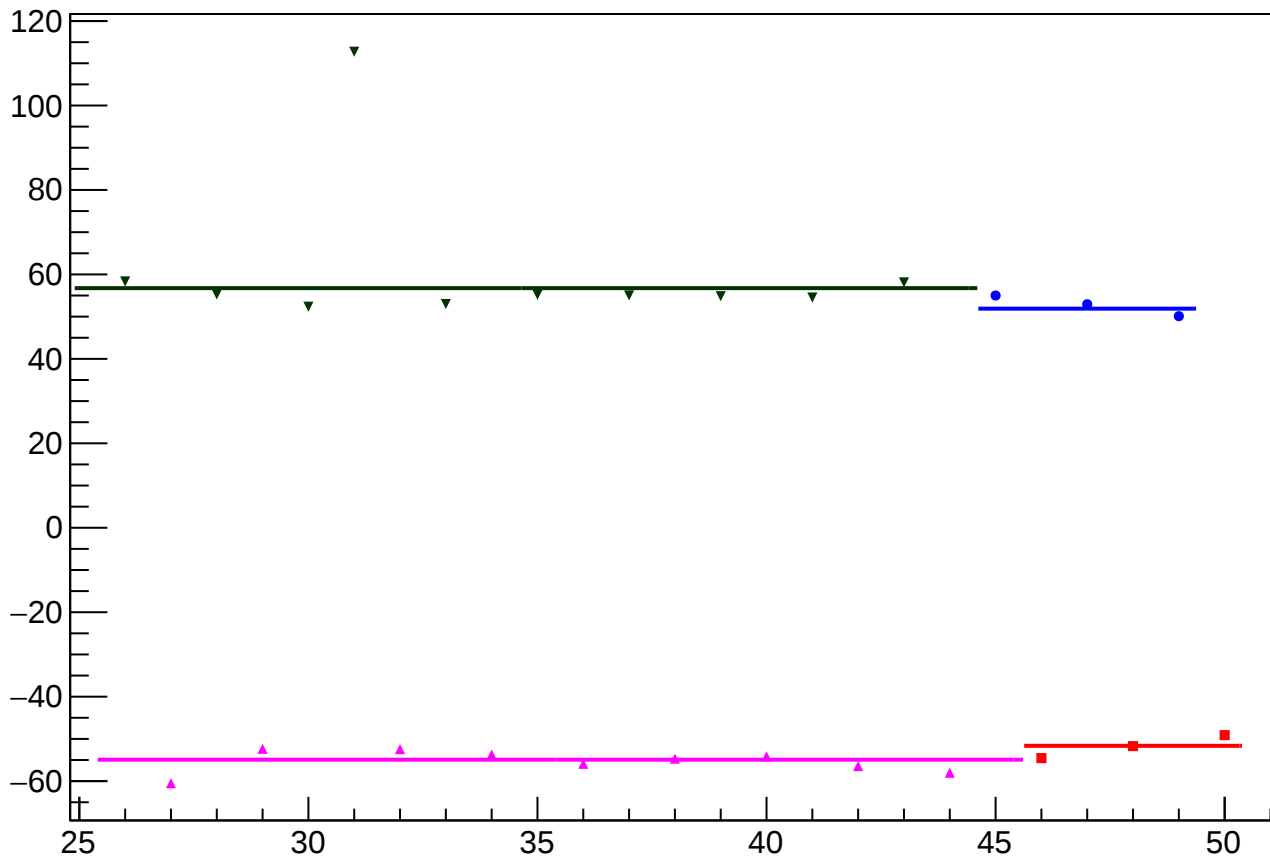
Left Out: 1.962 ± 0.195 χ^2/NDF : 260.0/9

Right Out: 0.272 ± 0.310 χ^2/NDF : 196.3/2

Left In: -0.142 ± 0.175 χ^2/NDF : 282.0/8

0.839 ± 0.109 χ^2/NDF : 876.3/24

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.894+/-0.060 χ^2/NDF : 1133.7/2

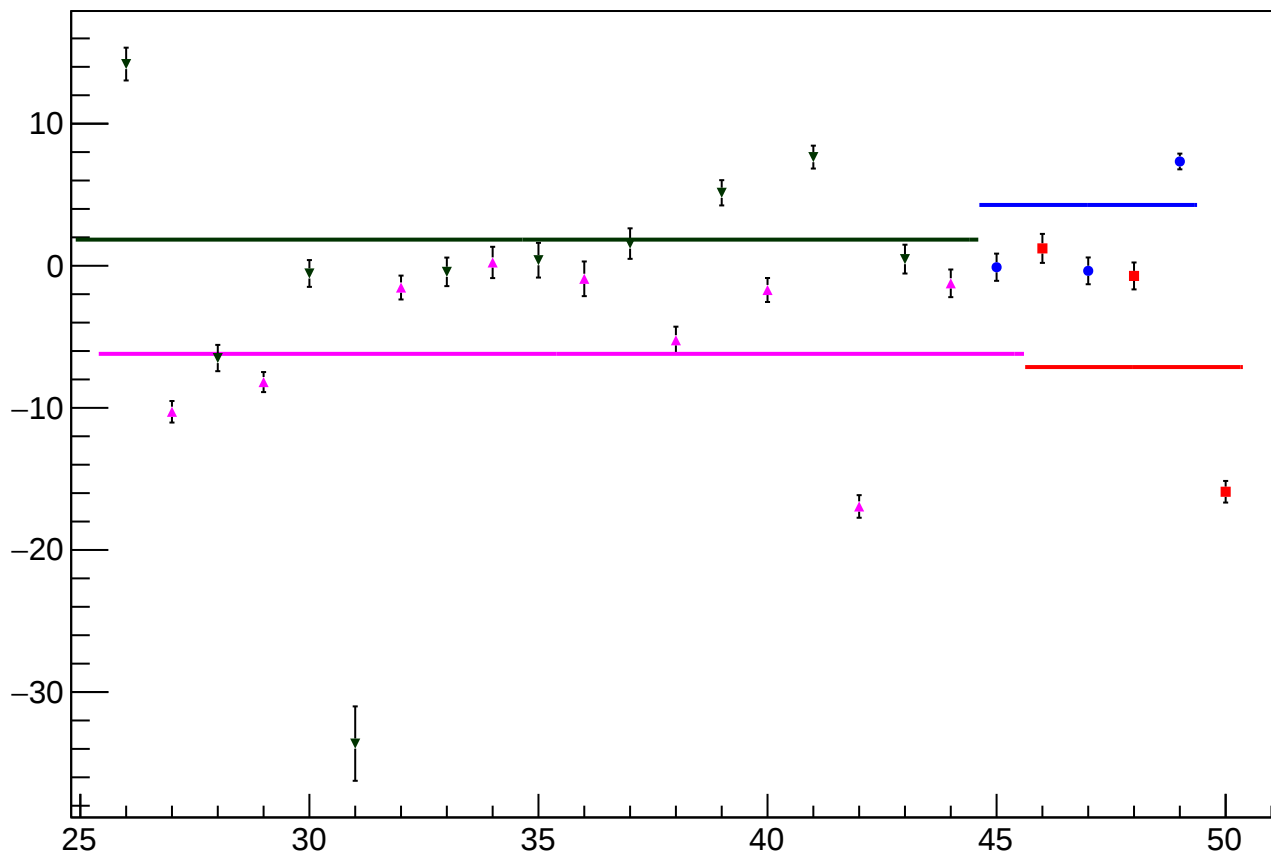
Left Out: 56.751+/-0.043 χ^2/NDF : 56417.9/9

Right Out: -51.638+/-0.071 χ^2/NDF : 993.8/2

Left In: -54.917+/-0.041 χ^2/NDF : 3795.7/8

0.896+/-0.025 χ^2/NDF : 4870024.2/24

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.280 ± 0.427 χ^2/NDF : 75.8/2

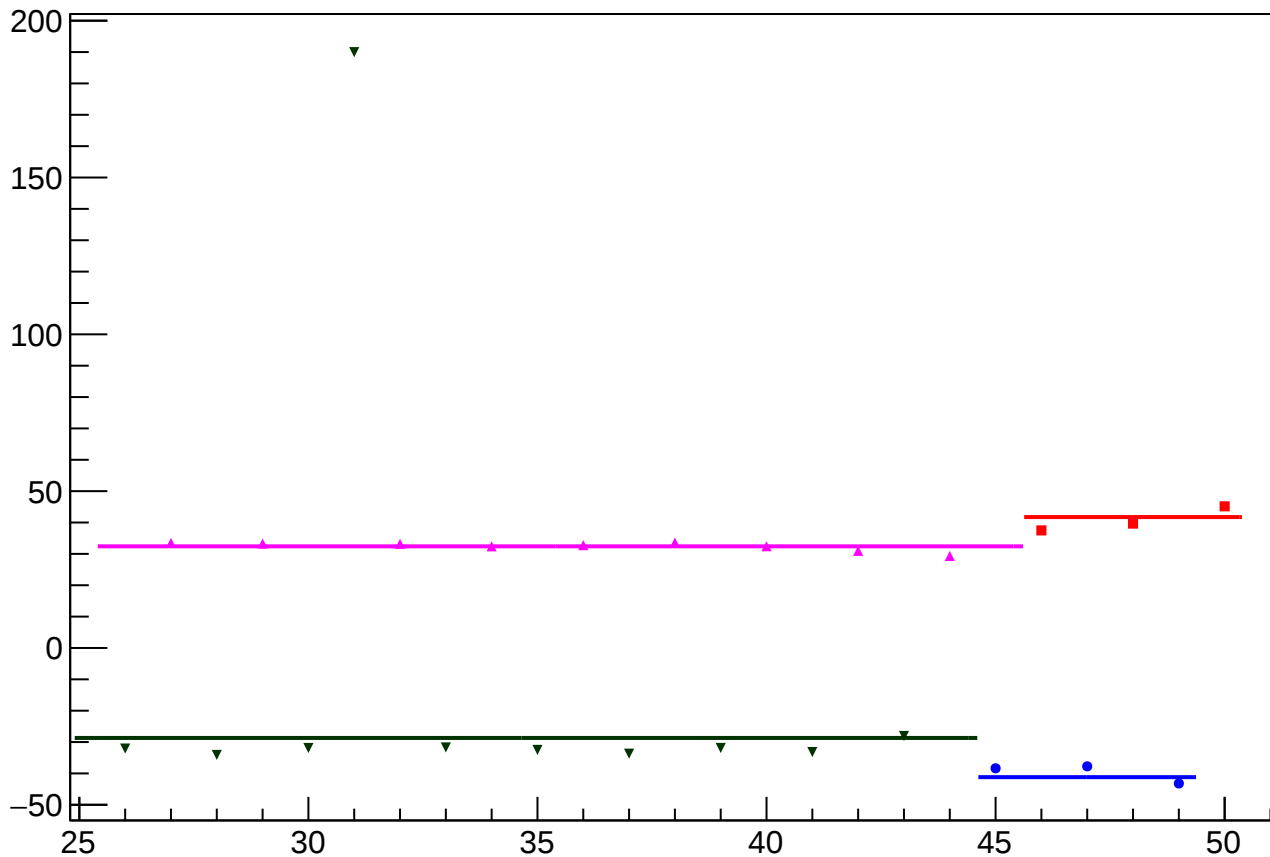
Left Out: 1.840 ± 0.325 χ^2/NDF : 459.7/9

Right Out: -7.128 ± 0.513 χ^2/NDF : 245.9/2

Left In: -6.199 ± 0.291 χ^2/NDF : 358.1/8

-1.938 ± 0.181 χ^2/NDF : 1803.9/24

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.190 ± 0.082 $\chi^2/\text{NDF}: 941.5/2$

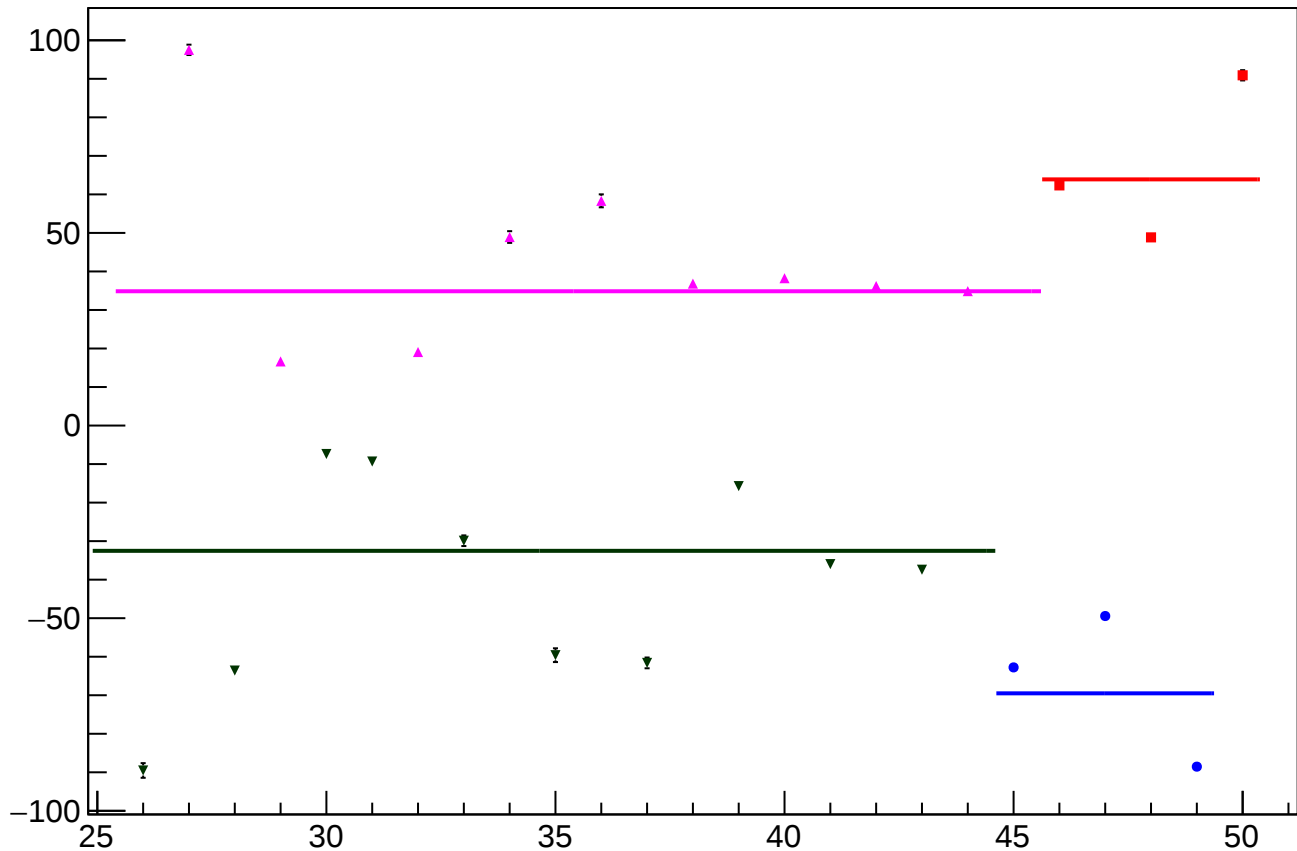
Left Out: -28.687 ± 0.059 $\chi^2/\text{NDF}: 220527.8/9$

Right Out: 41.736 ± 0.094 $\chi^2/\text{NDF}: 1225.1/2$

Left In: 32.407 ± 0.060 $\chi^2/\text{NDF}: 448.5/8$

-0.716 ± 0.035 $\chi^2/\text{NDF}: 1204009.5/24$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -69.505 $\pm$ 0.535 χ^2 /NDF: 992.3/2

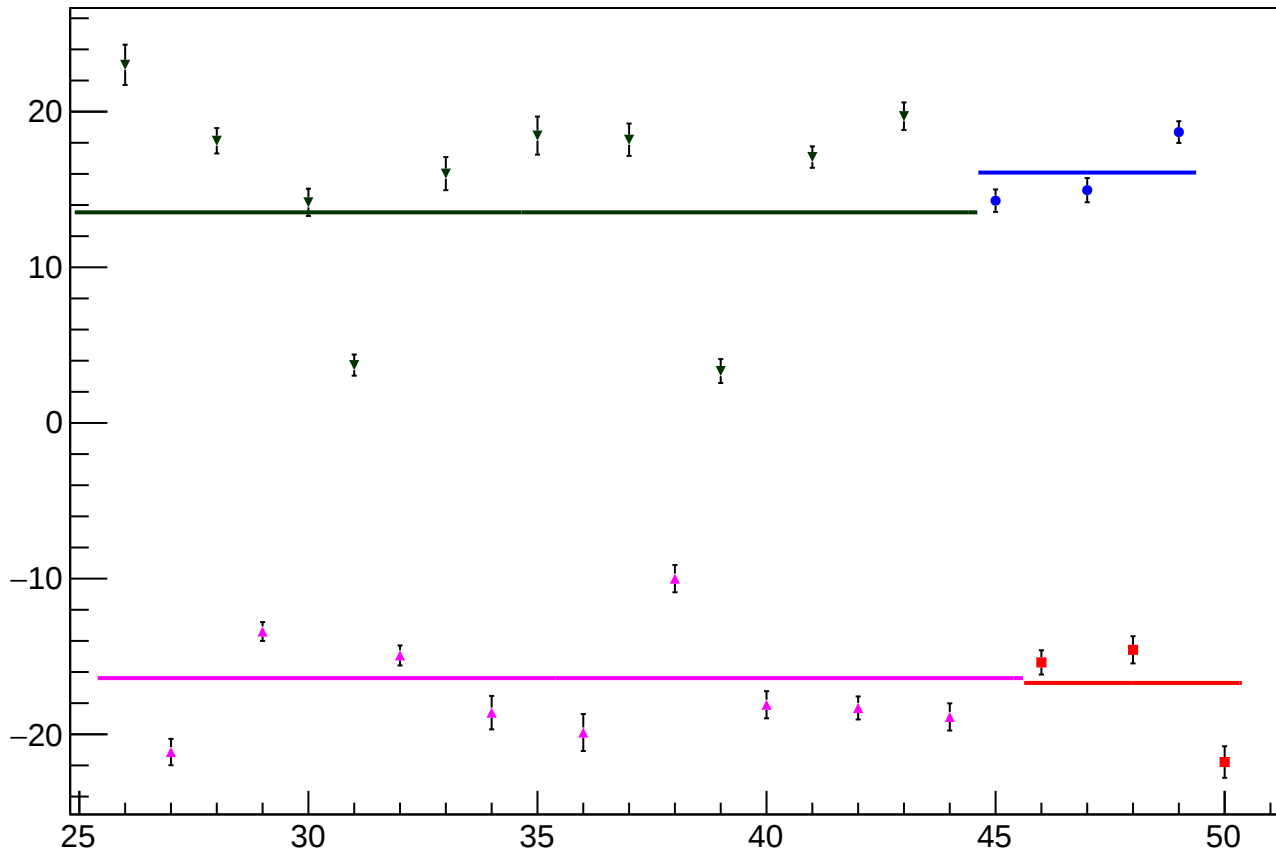
Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

Right Out: 63.897 $\pm$ 0.651 χ^2 /NDF: 618.4/2

Left In: 34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

-3.455 $\pm$ 0.217 χ^2 /NDF: 52685.4/24

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 16.087+/-0.421 χ^2/NDF : 22.3/2

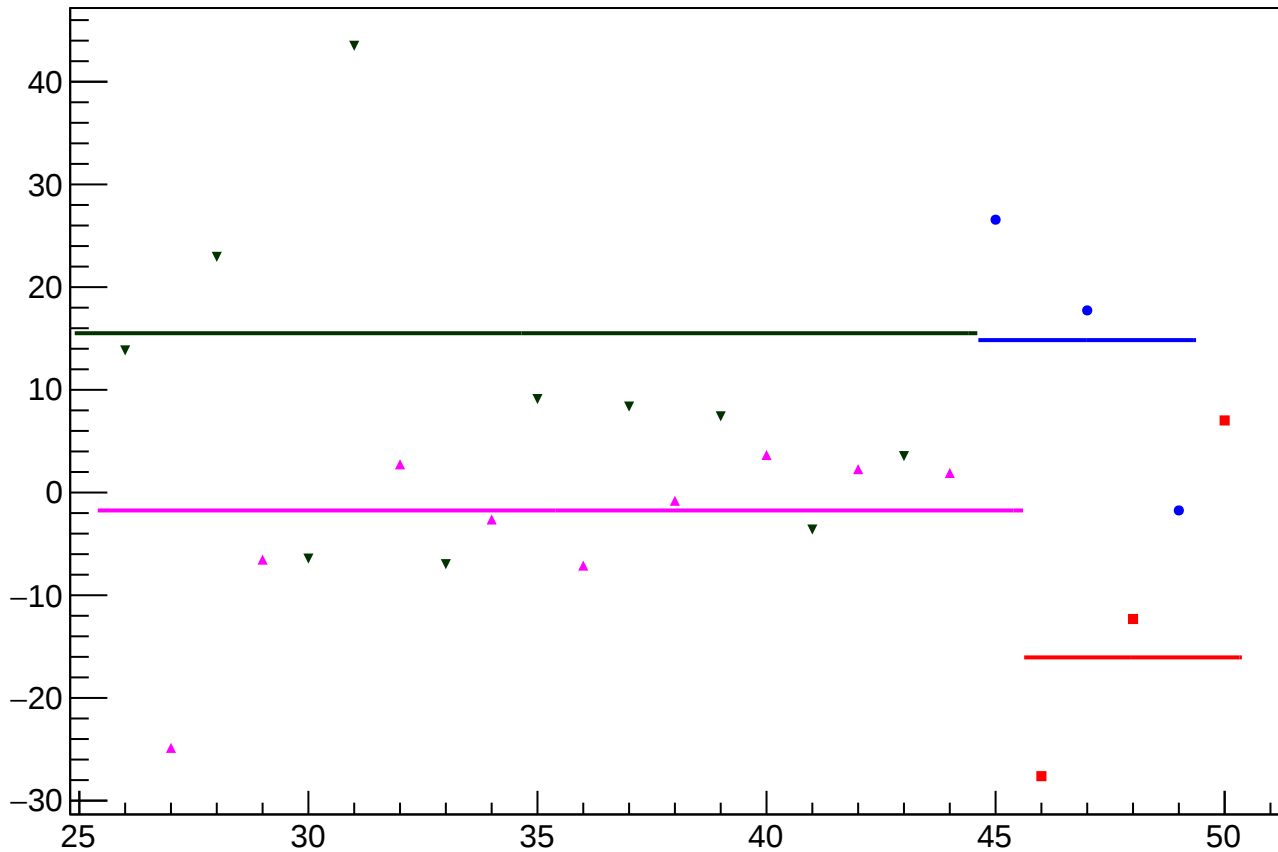
Left Out: 13.531+/-0.276 χ^2/NDF : 589.5/9

Right Out: -16.700+/-0.504 χ^2/NDF : 34.0/2

Left In: -16.391+/-0.268 χ^2/NDF : 146.0/8

-0.666+/-0.165 χ^2/NDF : 9469.7/24

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 14.842 $\pm$ 0.095 χ^2 /NDF: 15111.4/2

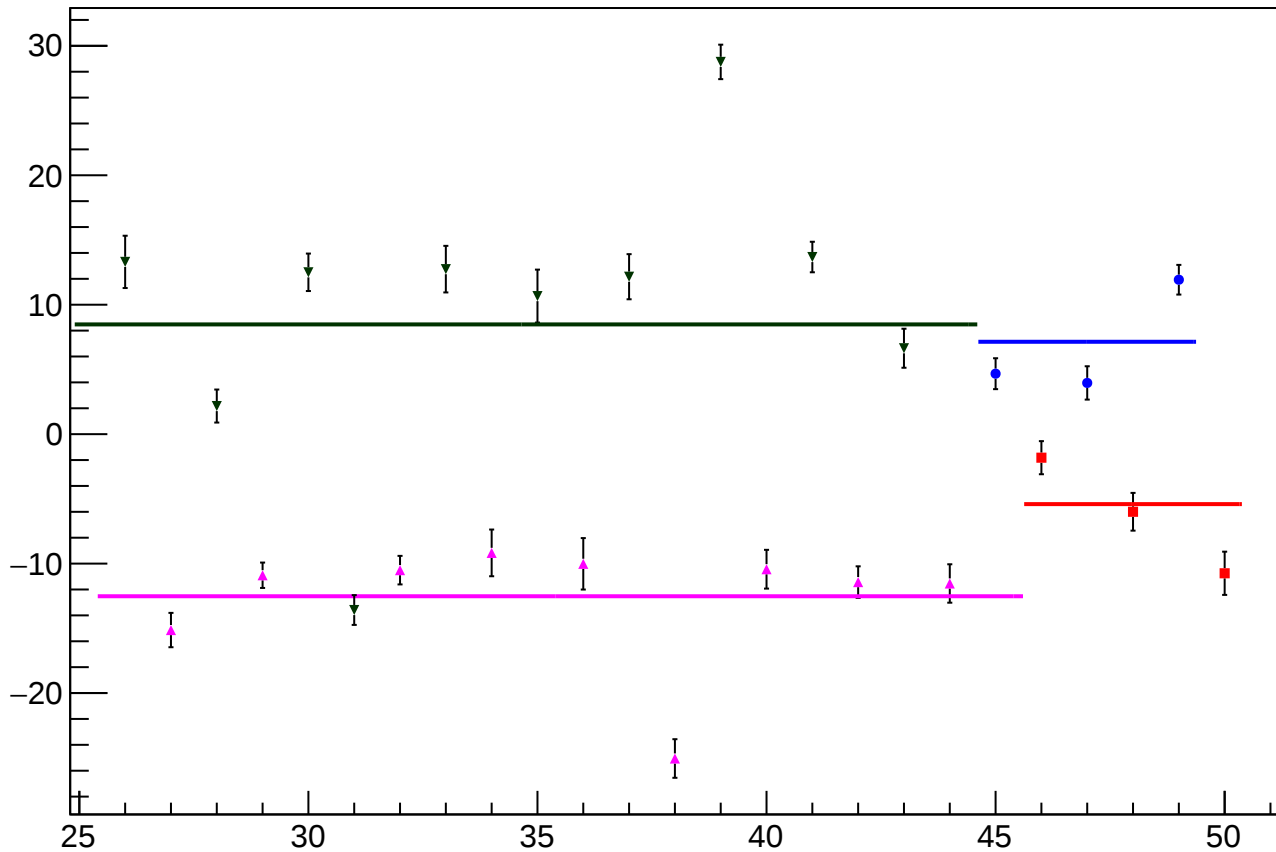
Left Out: 15.514 $\pm$ 0.057 χ^2 /NDF: 116500.8/9

Right Out: -16.052 $\pm$ 0.110 χ^2 /NDF: 13801.2/2

Left In: -1.745 $\pm$ 0.061 χ^2 /NDF: 13830.4/8

6.010 $\pm$ 0.036 χ^2 /NDF: 251964.8/24

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 7.137 $\pm$ 0.696 χ^2/NDF : 27.8/2

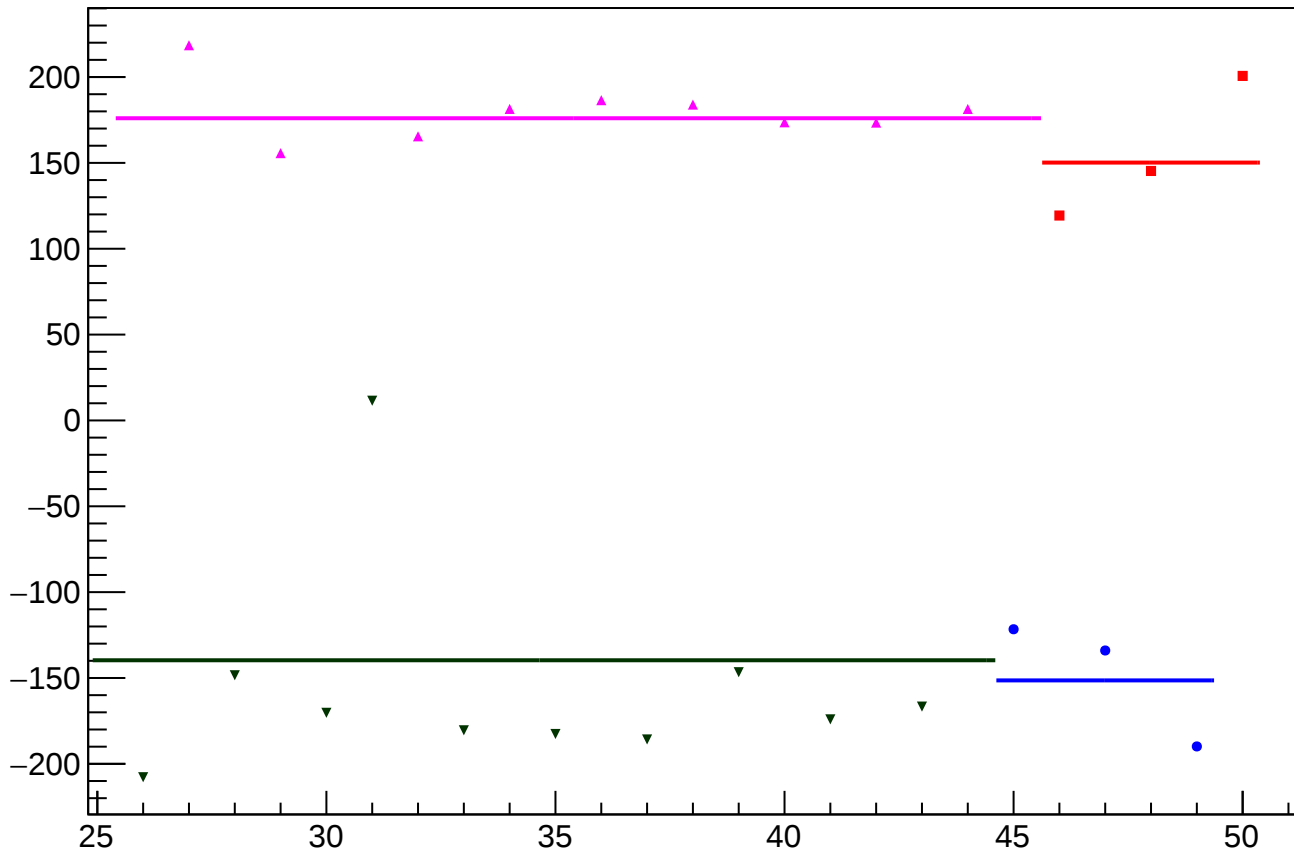
Left Out: 8.478 $\pm$ 0.462 χ^2/NDF : 669.8/9

-1.214 $\pm$ 0.275 χ^2/NDF : 2056.0/24

Right Out: -5.404 $\pm$ 0.833 χ^2/NDF : 18.3/2

Left In: -12.522 $\pm$ 0.447 χ^2/NDF : 88.8/8

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -151.403+/-0.136 χ^2/NDF : 51225.3/2

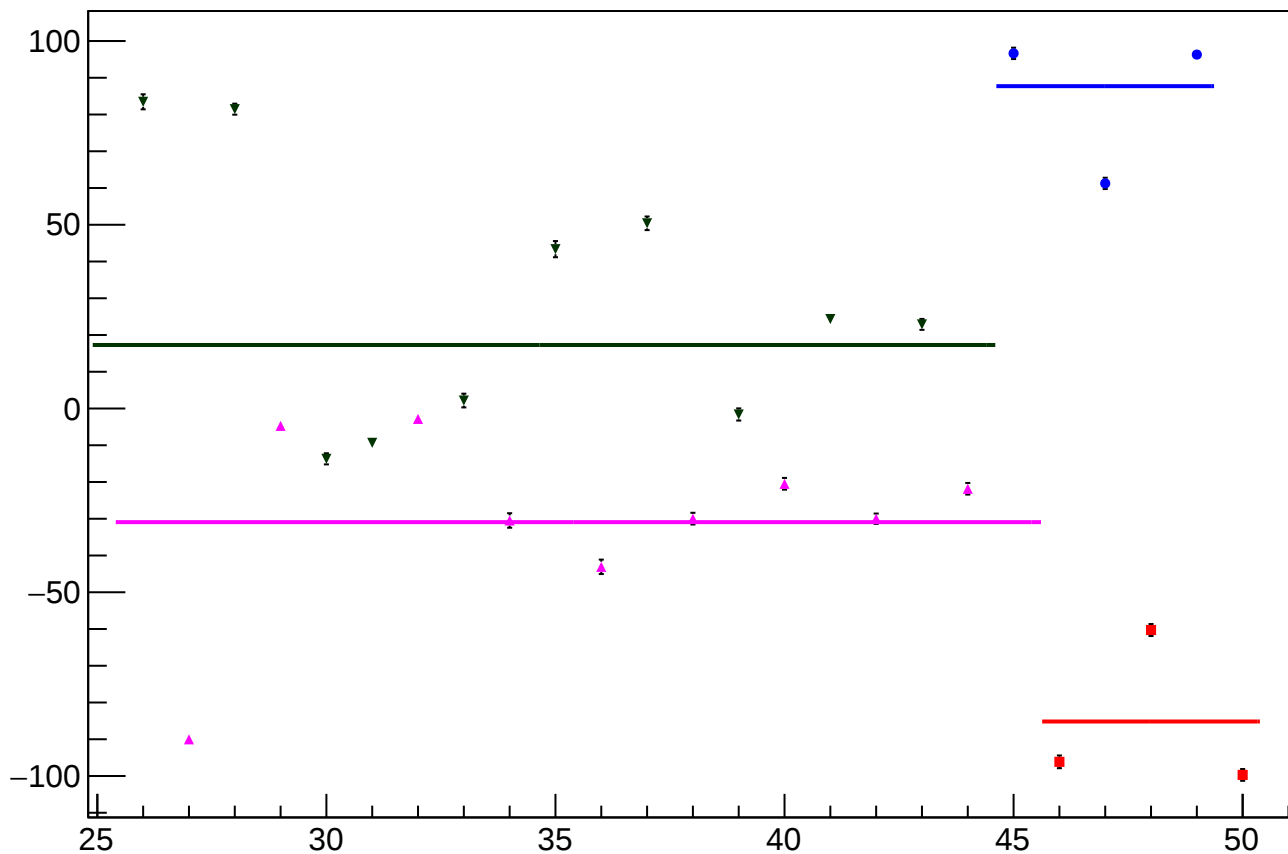
Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

Right Out: 150.179+/-0.158 χ^2/NDF : 43394.9/2

Left In: 176.005+/-0.093 χ^2/NDF : 29134.4/8

-2.825+/-0.054 χ^2/NDF : 9231665.7/24

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 87.715+/-0.767 χ^2/NDF : 391.8/2

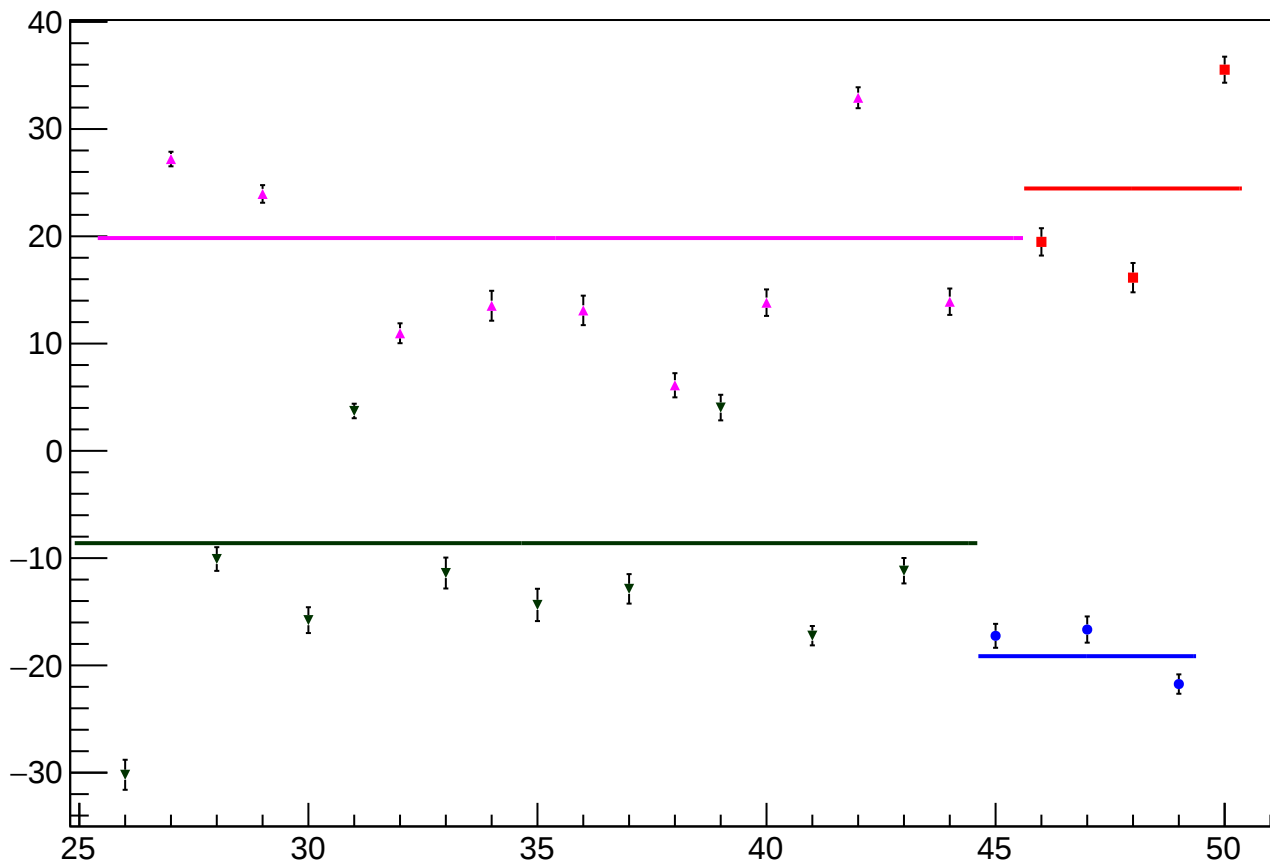
Left Out: 17.287+/-0.451 χ^2/NDF : 5099.2/9

Right Out: -85.171+/-0.955 χ^2/NDF : 353.8/2

Left In: -30.920+/-0.463 χ^2/NDF : 4232.7/8

-0.275+/-0.284 χ^2/NDF : 37051.8/24

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -19.141 ± 0.609 $\chi^2/\text{NDF}: 15.3/2$

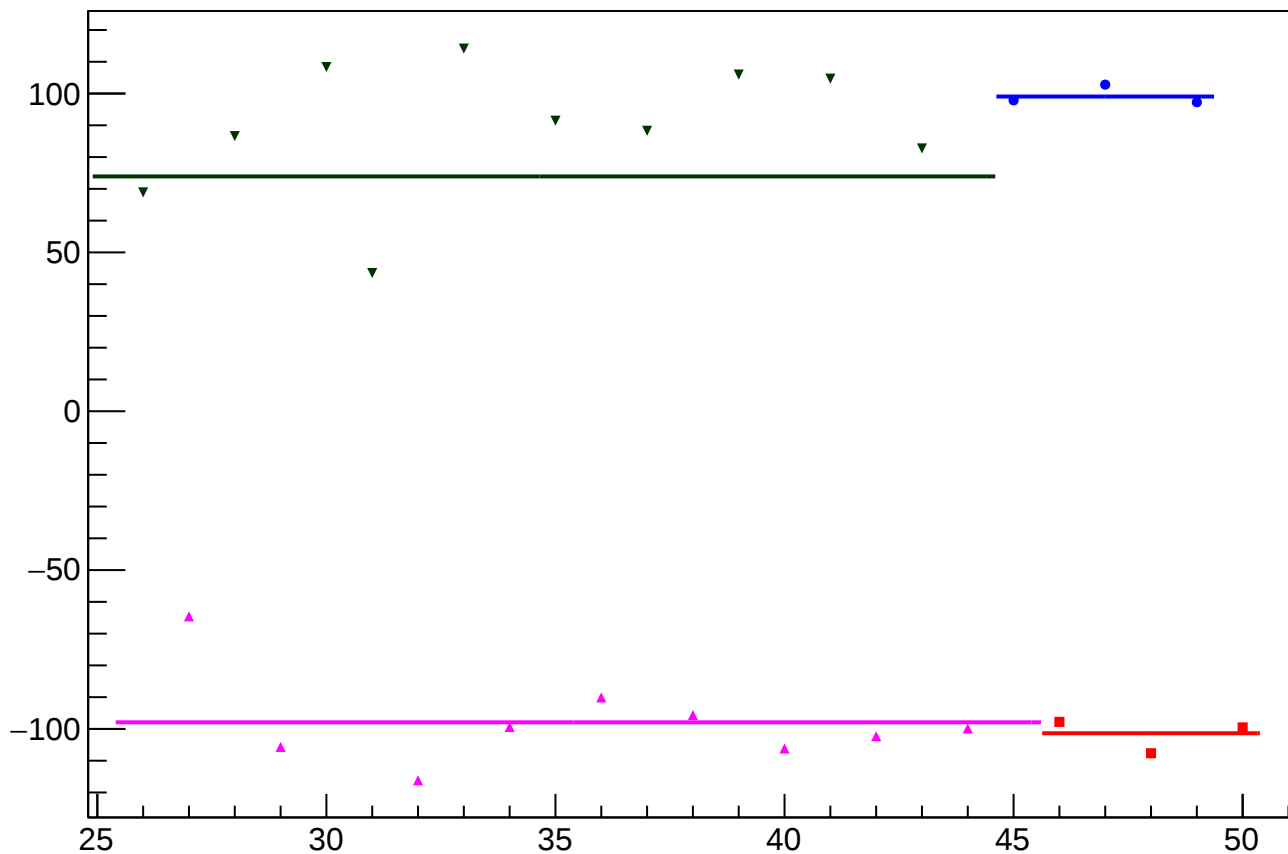
Left Out: -8.606 ± 0.347 $\chi^2/\text{NDF}: 842.3/9$

Right Out: 24.458 ± 0.739 $\chi^2/\text{NDF}: 135.4/2$

Left In: 19.837 ± 0.333 $\chi^2/\text{NDF}: 654.2/8$

4.601 ± 0.214 $\chi^2/\text{NDF}: 7428.5/24$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 99.060 $\pm$ 0.139 χ^2 /NDF: 300.2/2

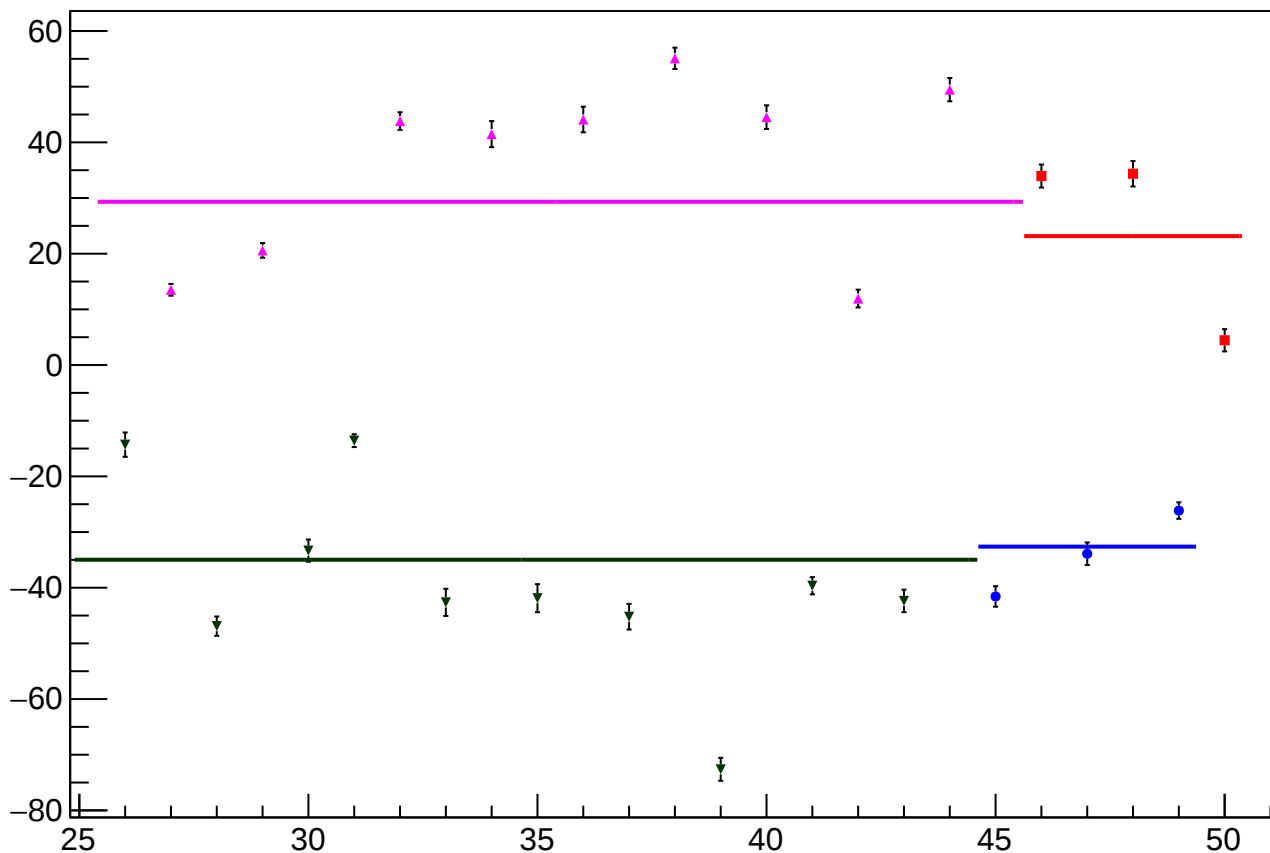
Left Out: 73.915 $\pm$ 0.069 χ^2 /NDF:161181.8/9

2.672 $\pm$ 0.047 χ^2 /NDF: 3753515.3/24

Right Out: -101.355 $\pm$ 0.165 χ^2 /NDF: 677.6/2

Left In: -97.913 $\pm$ 0.079 χ^2 /NDF:43937.6/8

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -32.622 ± 1.005 $\chi^2/\text{NDF}: 42.9/2$

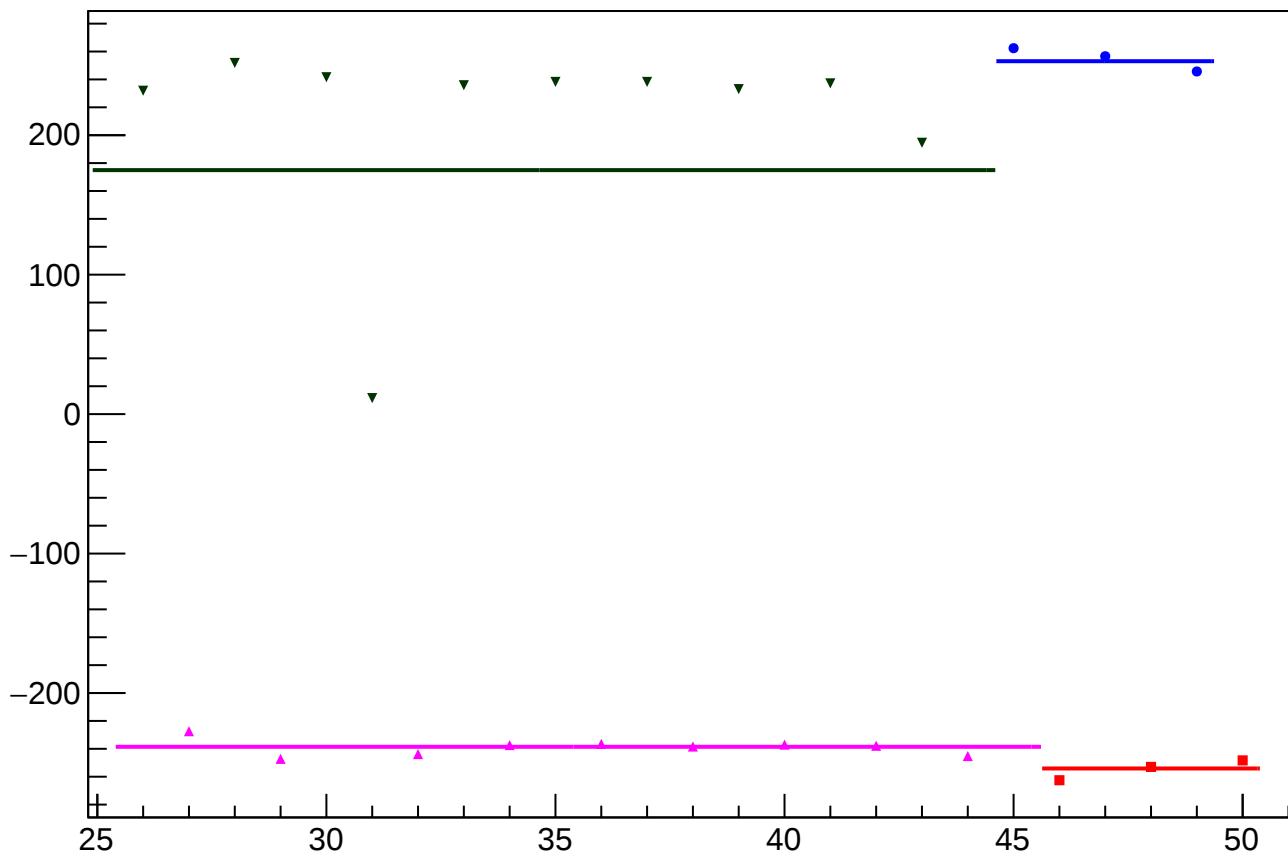
Left Out: -34.973 ± 0.581 $\chi^2/\text{NDF}: 875.4/9$

Right Out: 23.158 ± 1.217 $\chi^2/\text{NDF}: 138.6/2$

Left In: 29.322 ± 0.547 $\chi^2/\text{NDF}: 861.1/8$

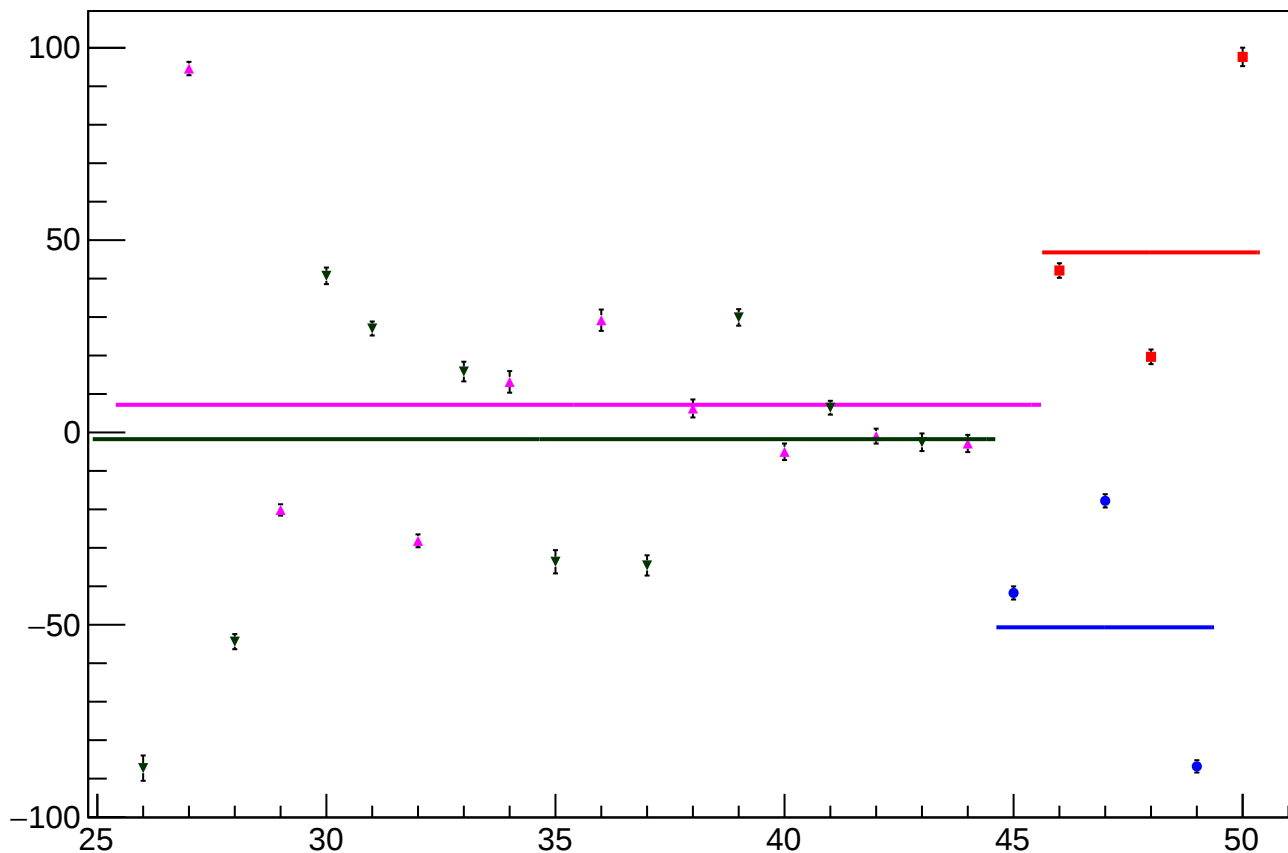
-2.799 ± 0.354 $\chi^2/\text{NDF}: 9763.2/24$

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



0.151 ± 0.070 $\chi^2/\text{NDF}: 10612387.8/24$

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -50.664 +/- 0.969 χ^2/NDF : 896.2/2

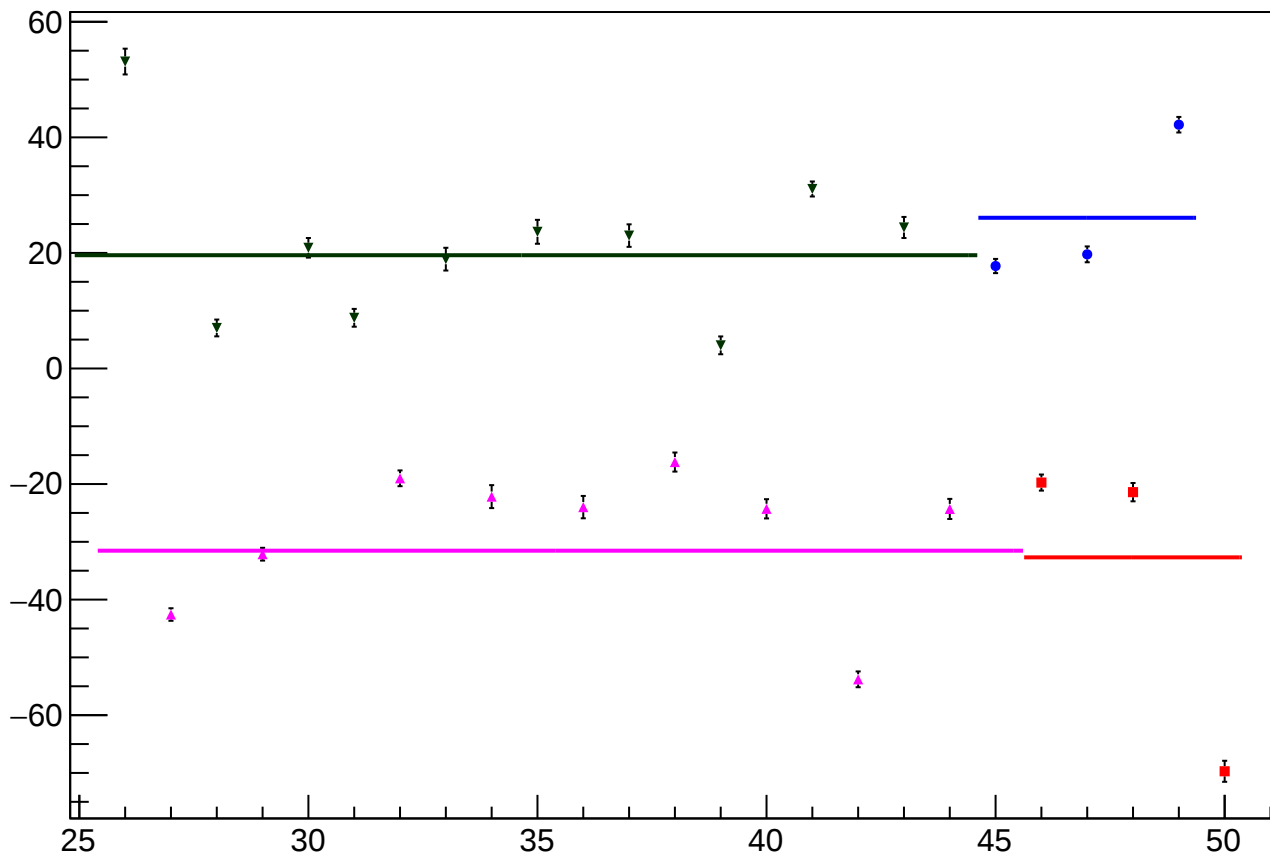
Left Out: -1.743 +/- 0.709 χ^2/NDF : 2580.4/9

Right Out: 46.810 +/- 1.172 χ^2/NDF : 657.8/2

Left In: 7.188 +/- 0.664 χ^2/NDF : 3435.5/8

-1.159 +/- 0.407 χ^2/NDF : 12013.4/24

reg_asym atr1l2 avg_diff bpm4aY_slope vs slug



Right In: 26.084+/-0.757 χ^2/NDF : 210.4/2

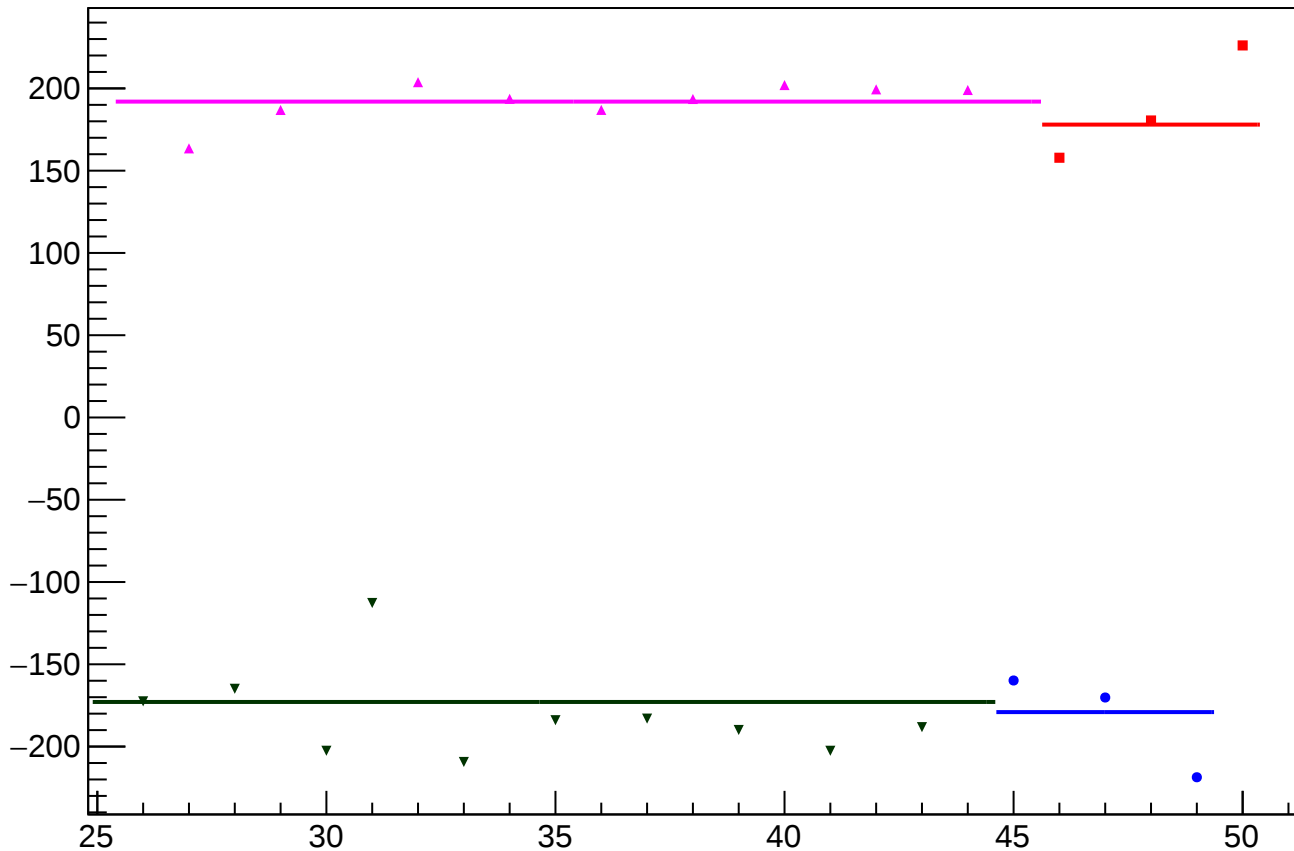
Left Out: 19.603+/-0.534 χ^2/NDF :544.7/9

-5.705+/-0.305 χ^2/NDF : 9691.7/24

Right Out: -32.690 ± 0.907 χ^2/NDF : 551.0/2

Left In: -31.535+/-0.482 χ^2/NDF :612.9/8

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -179.057 $\pm$ 0.170 χ^2/NDF : 20288.1/2

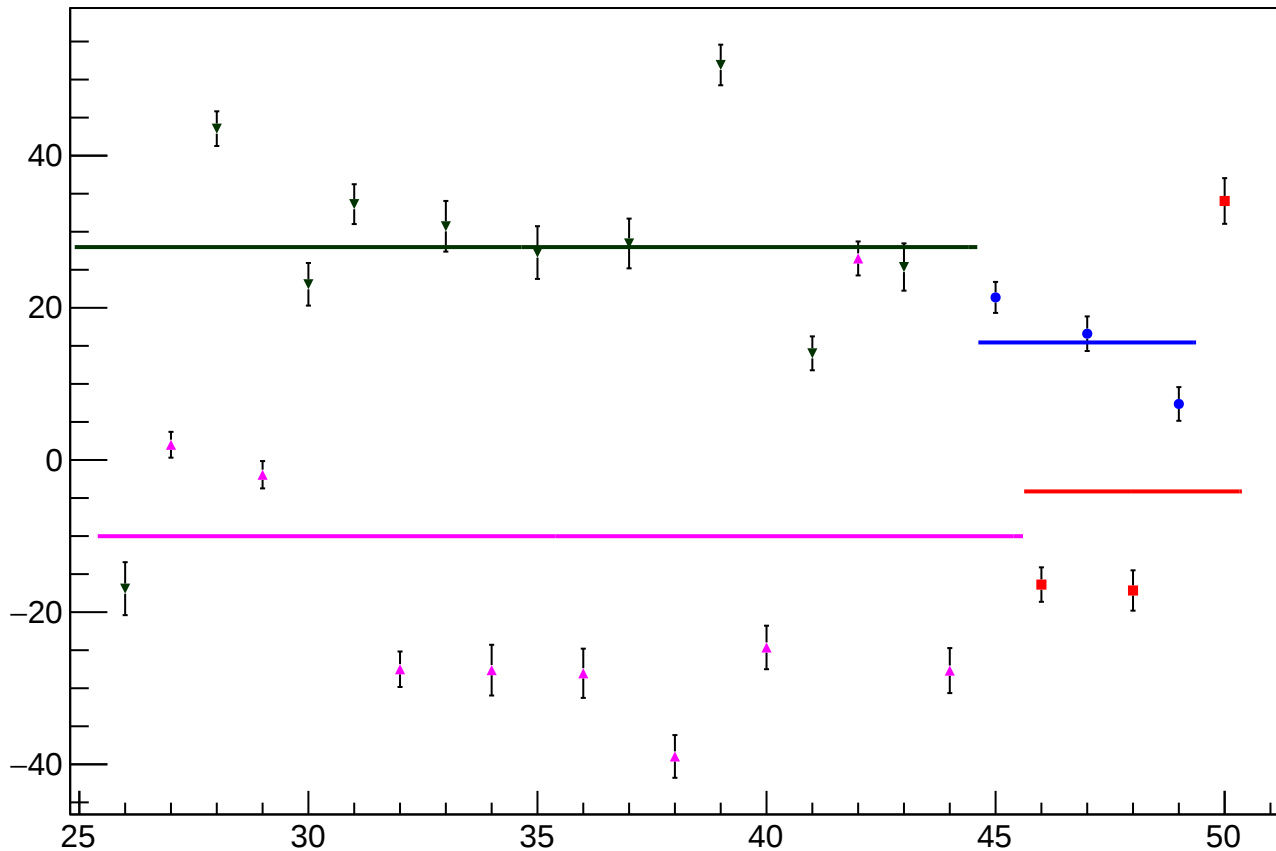
Left Out: -172.896 $\pm$ 0.114 χ^2/NDF : 90309.1/9

Right Out: 178.001 $\pm$ 0.197 χ^2/NDF : 15975.6/2

Left In: 191.976 $\pm$ 0.115 χ^2/NDF : 12393.0/8

-1.182 $\pm$ 0.068 χ^2/NDF : 7161321.9/24

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 15.448 $\pm$ 1.252 χ^2 /NDF: 22.0/2

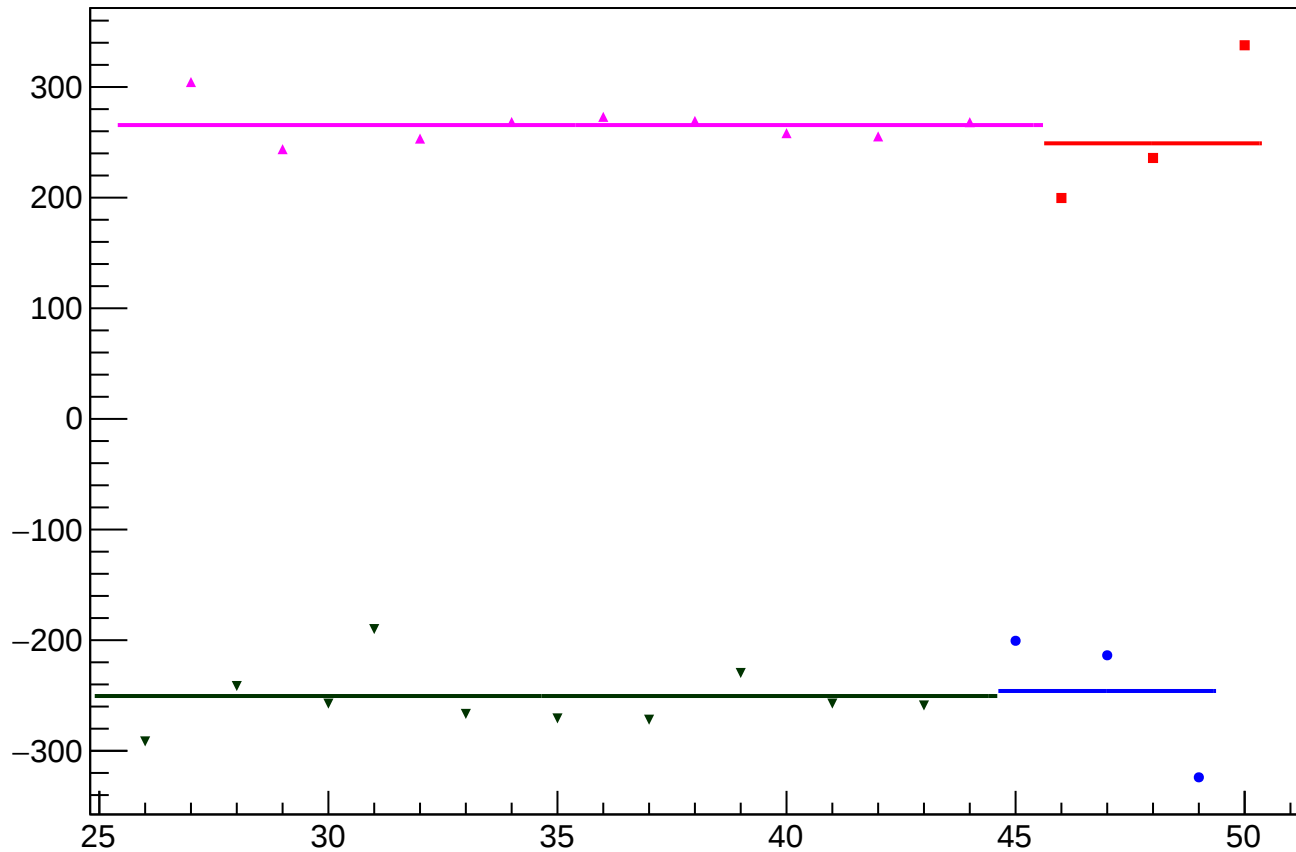
Left Out: 27.983 $\pm$ 0.890 χ^2 /NDF:341.9/9

Right Out: -4.133 $\pm$ 1.494 χ^2 /NDF: 215.0/2

Left In: -10.018 $\pm$ 0.793 χ^2 /NDF:620.8/8

6.954 $\pm$ 0.504 χ^2 /NDF: 2316.4/24

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -245.919+/-0.244 χ^2/NDF : 52019.7/2

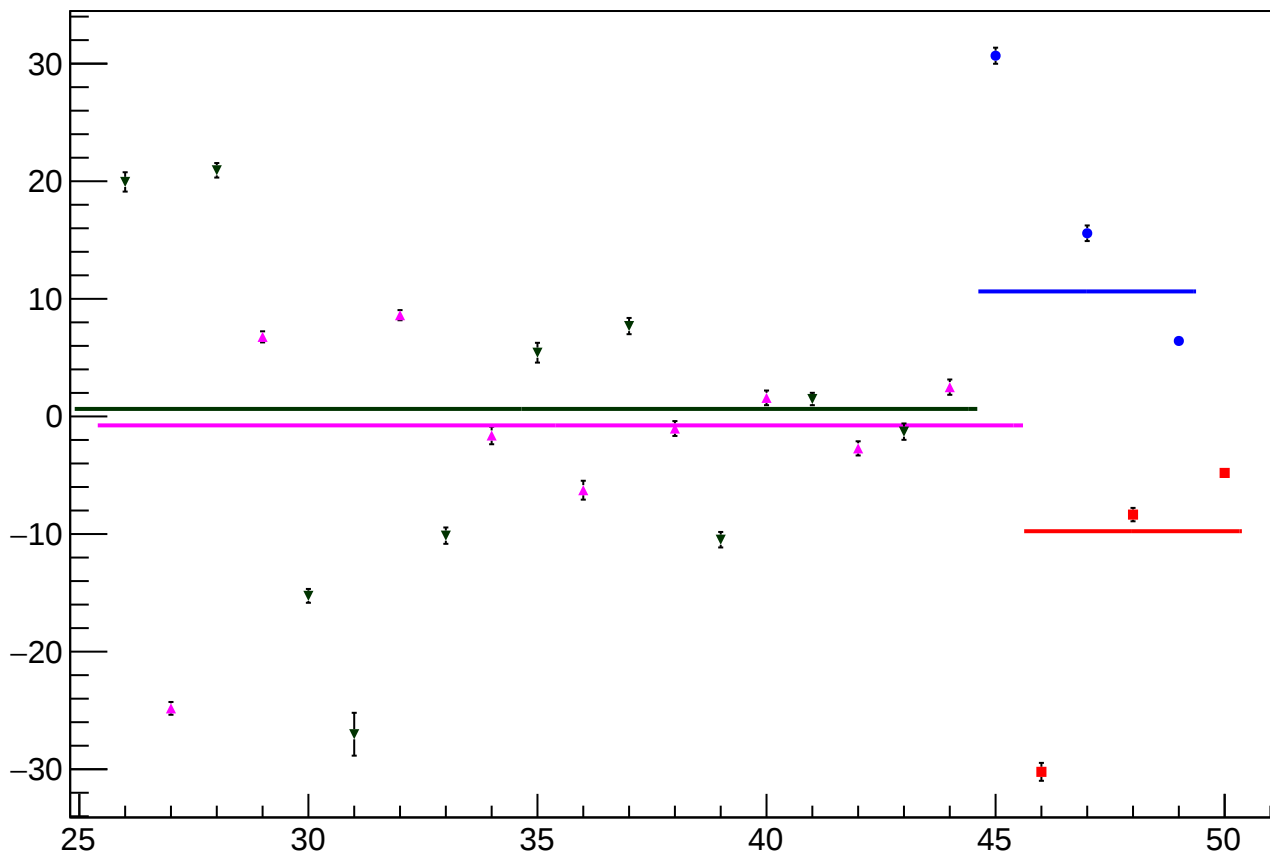
Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

Right Out: 249.086+/-0.284 χ^2/NDF : 39672.8/2

Left In: 265.603+/-0.168 χ^2/NDF : 12152.3/8

-9.396+/-0.099 χ^2/NDF : 6745267.1/24

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 10.631 ± 0.241 χ^2/NDF : 1140.0/2

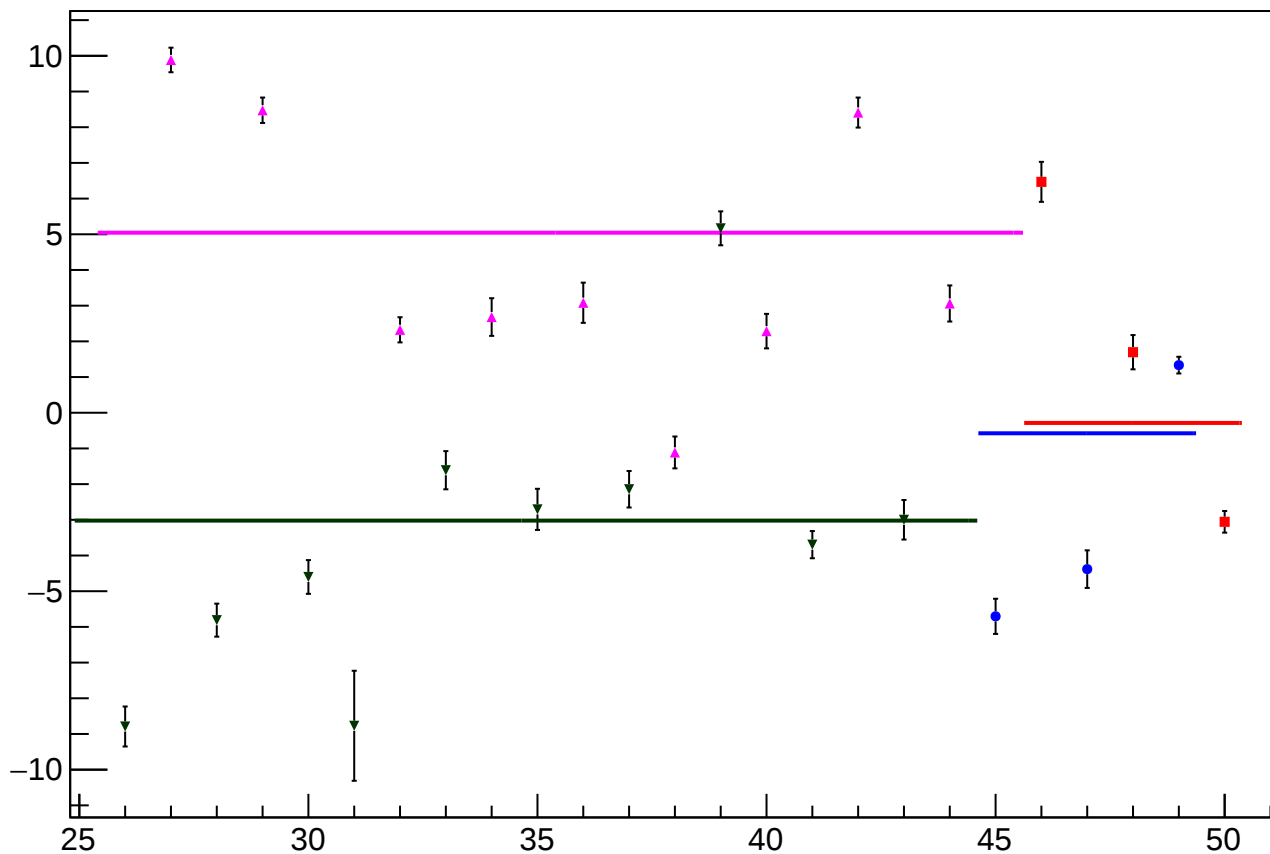
Left Out: 0.639 ± 0.219 χ^2/NDF : 3258.0/9

Right Out: -9.759 ± 0.301 χ^2/NDF : 881.1/2

Left In: -0.761 ± 0.193 χ^2/NDF : 2789.0/8

0.899 ± 0.115 χ^2/NDF : 11029.4/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -0.576 ± 0.196 $\chi^2/\text{NDF}: 227.2/2$

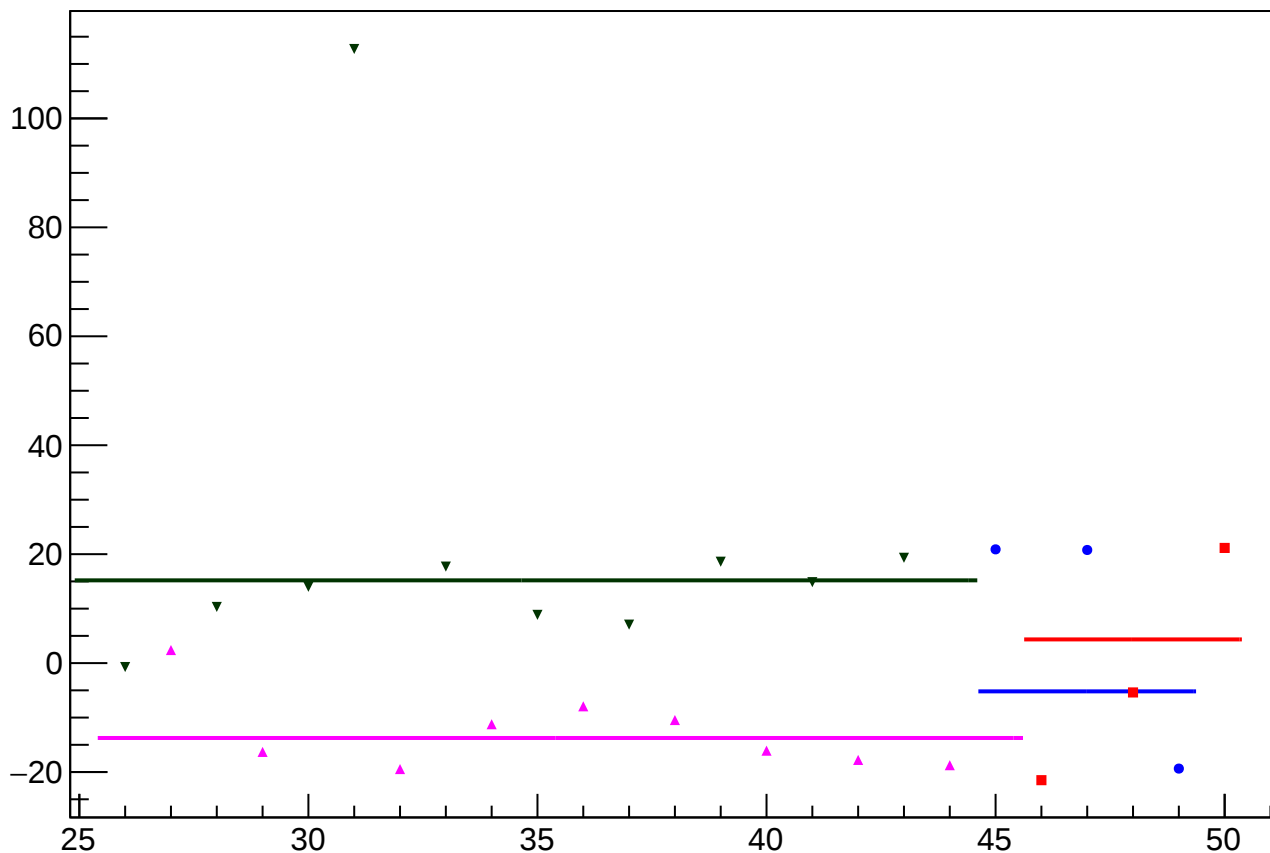
Left Out: -3.022 ± 0.163 $\chi^2/\text{NDF}: 477.3/9$

Right Out: -0.285 ± 0.233 $\chi^2/\text{NDF}: 245.8/2$

Left In: 5.044 ± 0.141 $\chi^2/\text{NDF}: 684.5/8$

0.895 ± 0.087 $\chi^2/\text{NDF}: 3154.8/24$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -5.188+/-0.046 χ^2/NDF : 173025.4/2

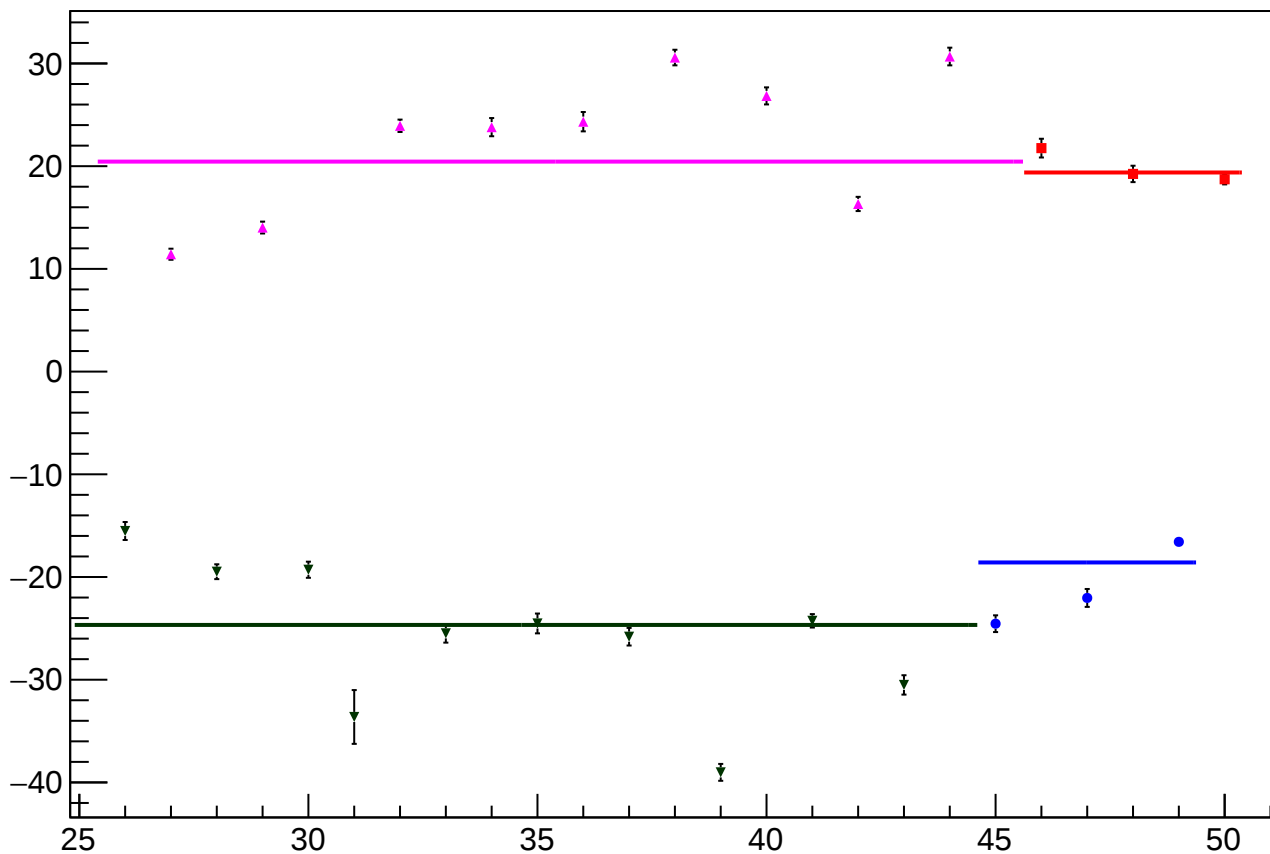
Left Out: 15.193+/-0.036 χ^2/NDF : 187459.6/9

Right Out: 4.350+/-0.055 χ^2/NDF : 107318.0/2

Left In: -13.747+/-0.033 χ^2/NDF : 44234.8/8

-0.876+/-0.020 χ^2/NDF : 882078.1/24

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.583+/-0.324 χ^2/NDF : 96.3/2

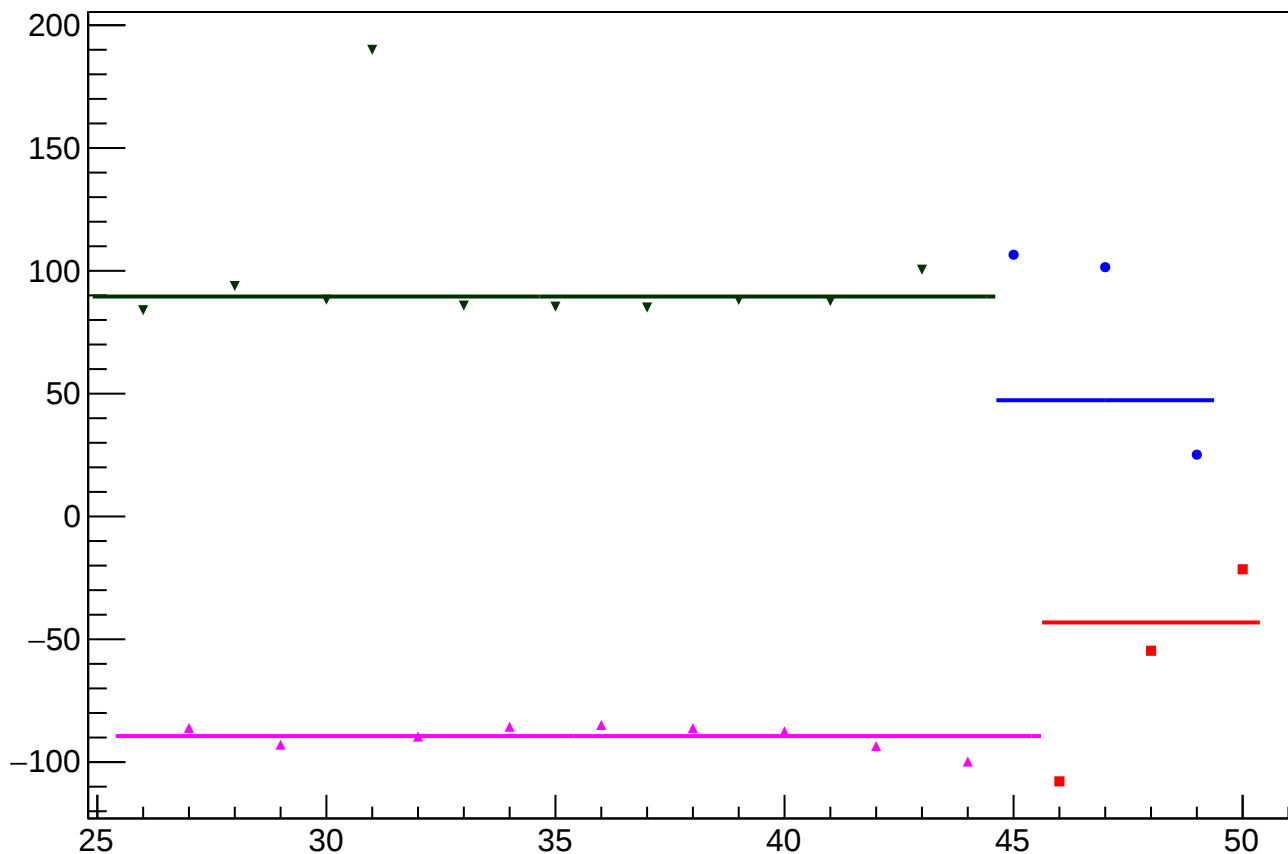
Left Out: -24.666+/-0.271 χ^2/NDF : 565.7/9

-0.192+/-0.144 χ^2/NDF : 23278.0/24

Right Out: 19.386+/-0.384 χ^2/NDF : 8.5/2

Left In: 20.445+/-0.234 χ^2/NDF : 882.4/8

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 47.318+/-0.062 χ^2/NDF : 327196.2/2

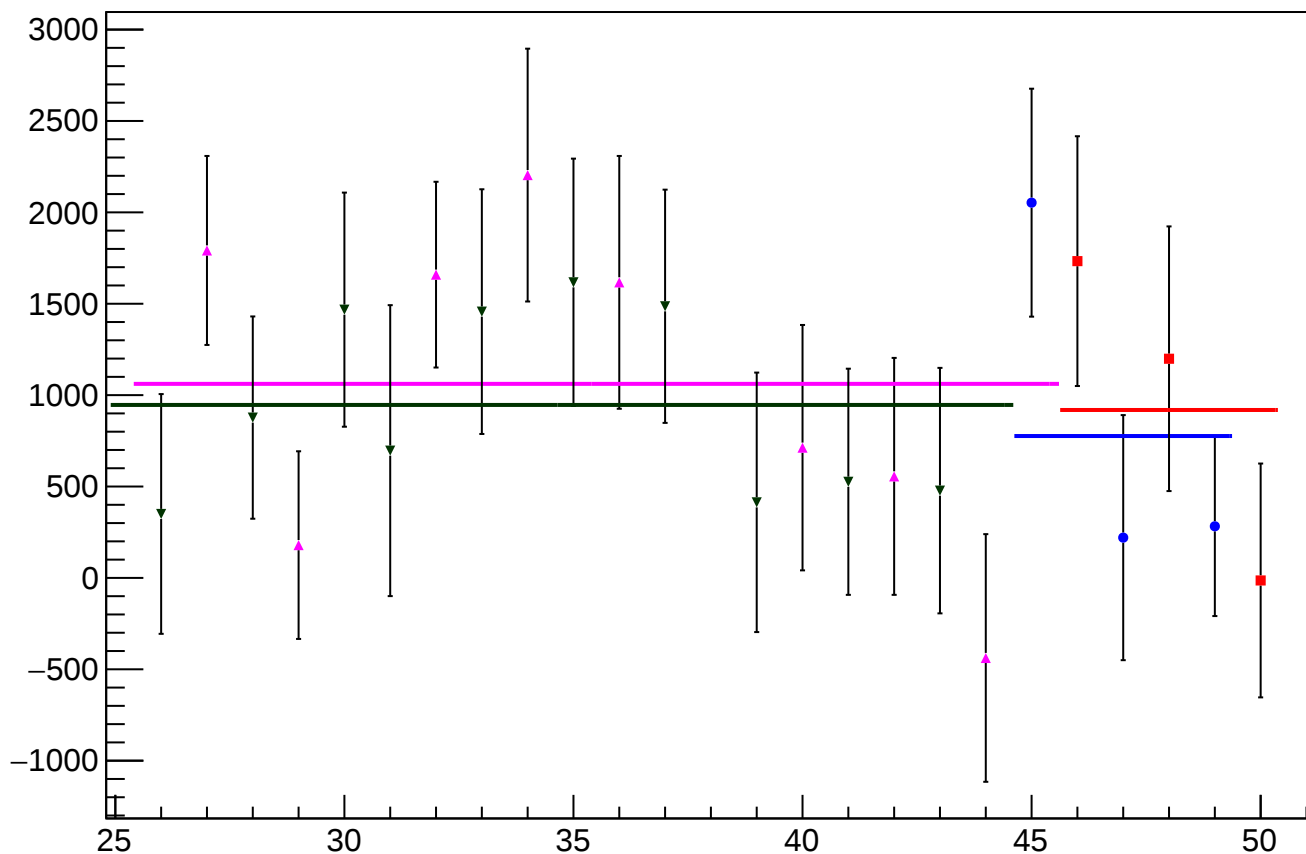
Left Out: 89.539+/-0.050 χ^2/NDF : 54620.6/9

1.892+/-0.028 χ^2/NDF : 8146929.6/24

Right Out: -43.149+/-0.069 χ^2/NDF : 194434.1/2

Left In: -89.397+/-0.049 χ^2/NDF : 7803.1/8

reg_asym_atl1_mean vs slug



Right In: 776.253 ± 334.424 χ^2/NDF : 5.9/2

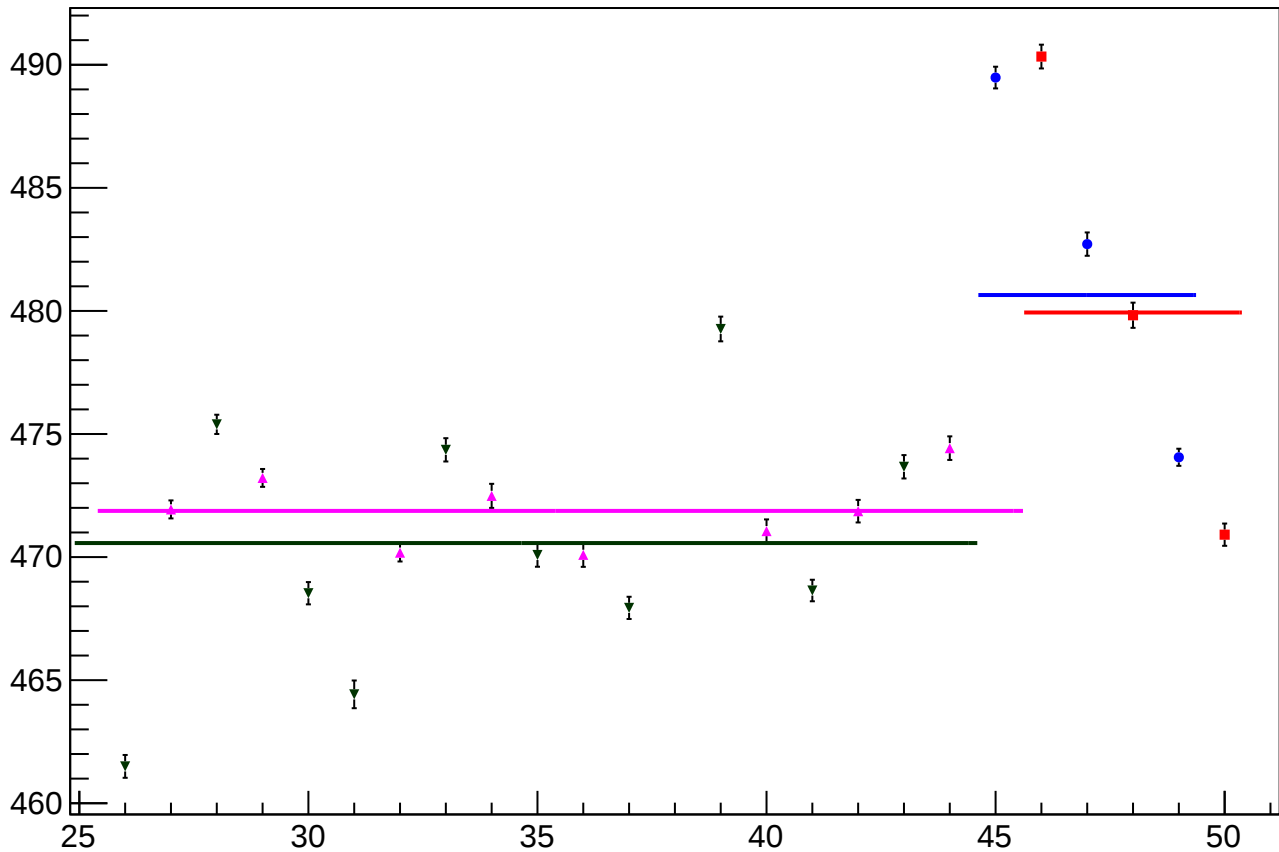
Left Out: 946.340 ± 207.194 χ^2/NDF : 5.4/9

Right Out: 918.757 ± 392.431 χ^2/NDF : 3.7/2

Left In: 1061.666 ± 211.442 χ^2/NDF : 15.5/7

960.737 ± 127.936 χ^2/NDF : 31.0/23

reg_asym_atl1_rms vs slug



Right In: 480.646 $\pm$ 0.236 χ^2 /NDF: 780.7/2

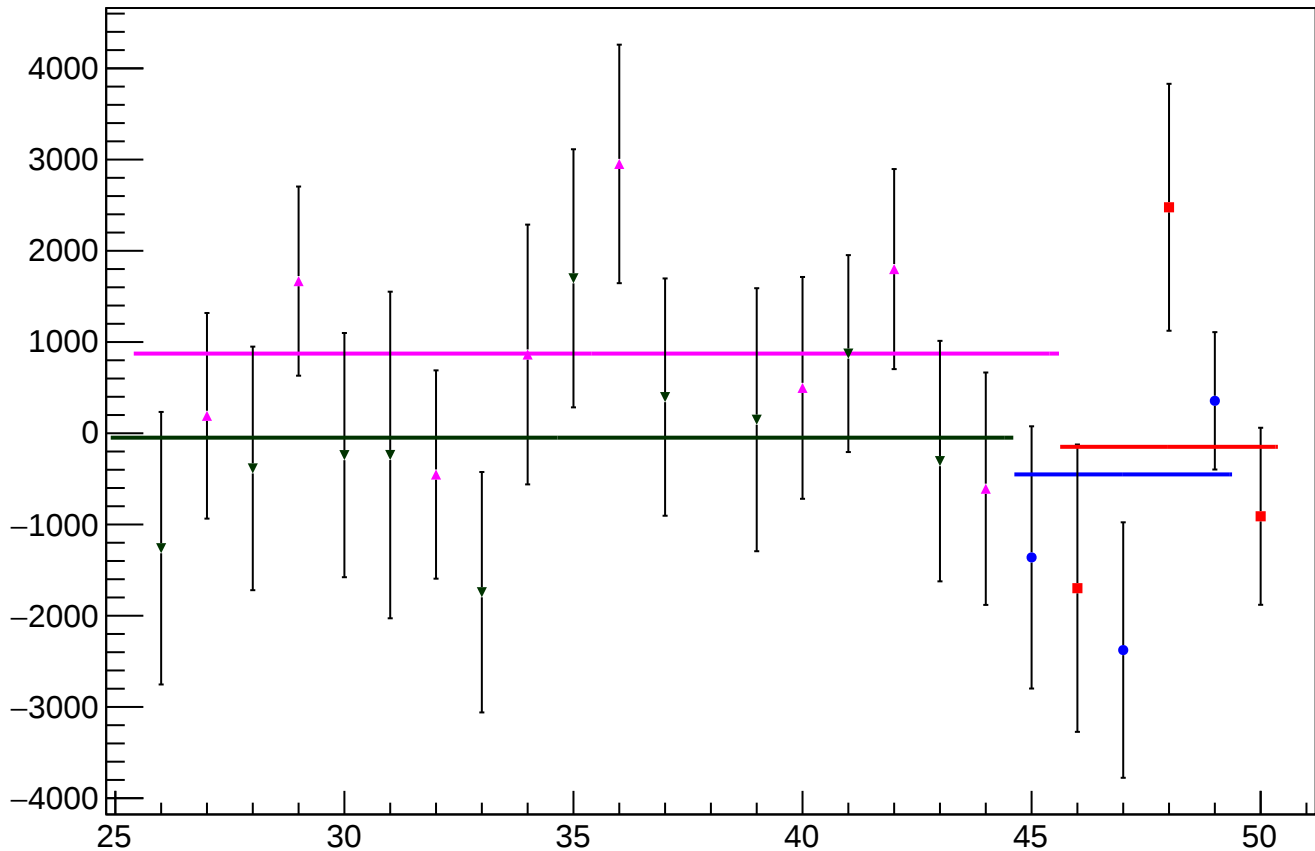
Left Out: 470.570 $\pm$ 0.147 χ^2 /NDF: 1135.4/9

473.519 $\pm$ 0.090 χ^2 /NDF: 4828.7/23

Right Out: 479.937 $\pm$ 0.277 χ^2 /NDF: 861.4/2

Left In: 471.876 $\pm$ 0.150 χ^2 /NDF: 82.1/7

asym_atl1_correction_mean vs slug



Right In: -451.023+/-602.178 χ^2/NDF : 3.4/2

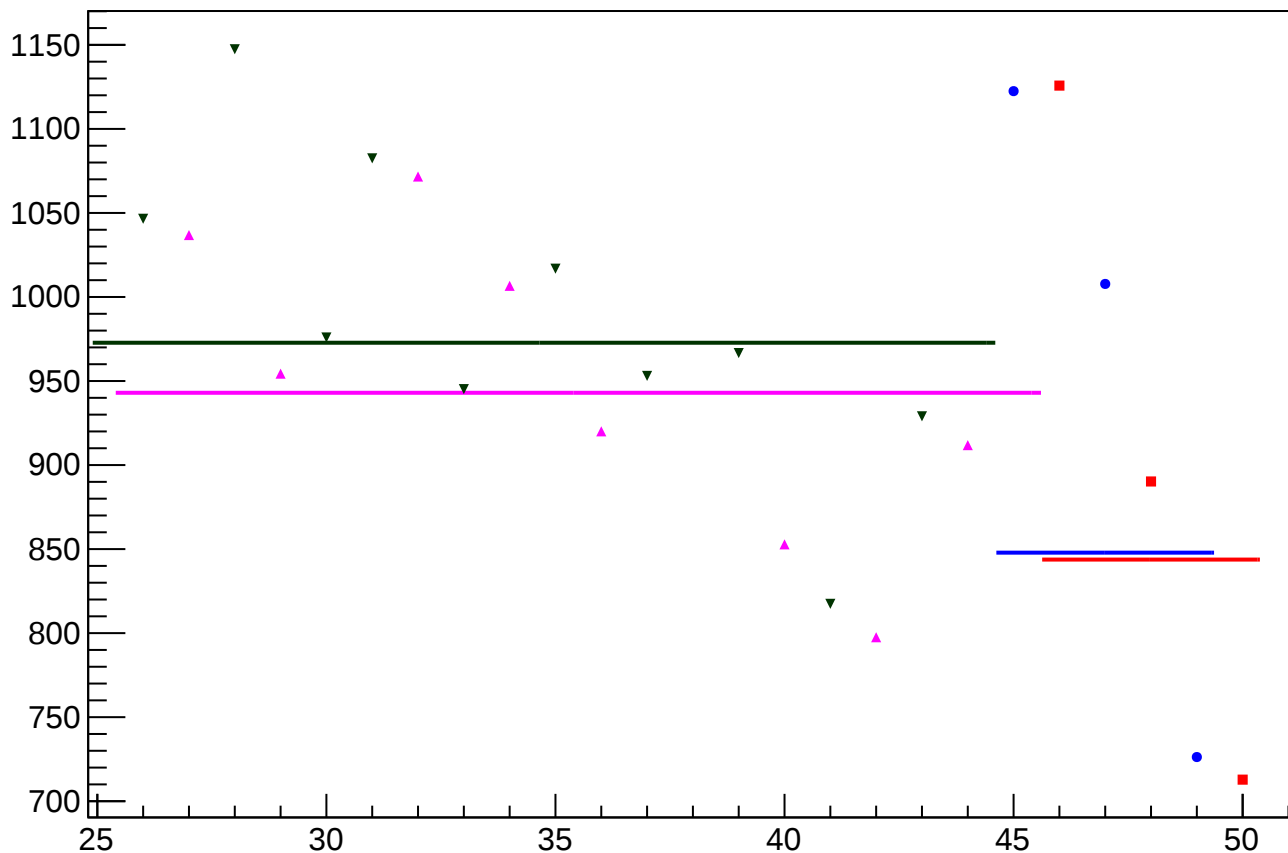
Left Out: -48.293+/-427.890 χ^2/NDF : 4.8/9

198.599+/-250.637 χ^2/NDF : 24.9/23

Right Out: -148.576+/-705.126 χ^2/NDF : 5.3/2

Left In: 873.395+/-419.297 χ^2/NDF : 7.0/7

asym_atl1_correction_rms vs slug



Right In: 847.885+/-0.426 χ^2/NDF : 151241.8/2

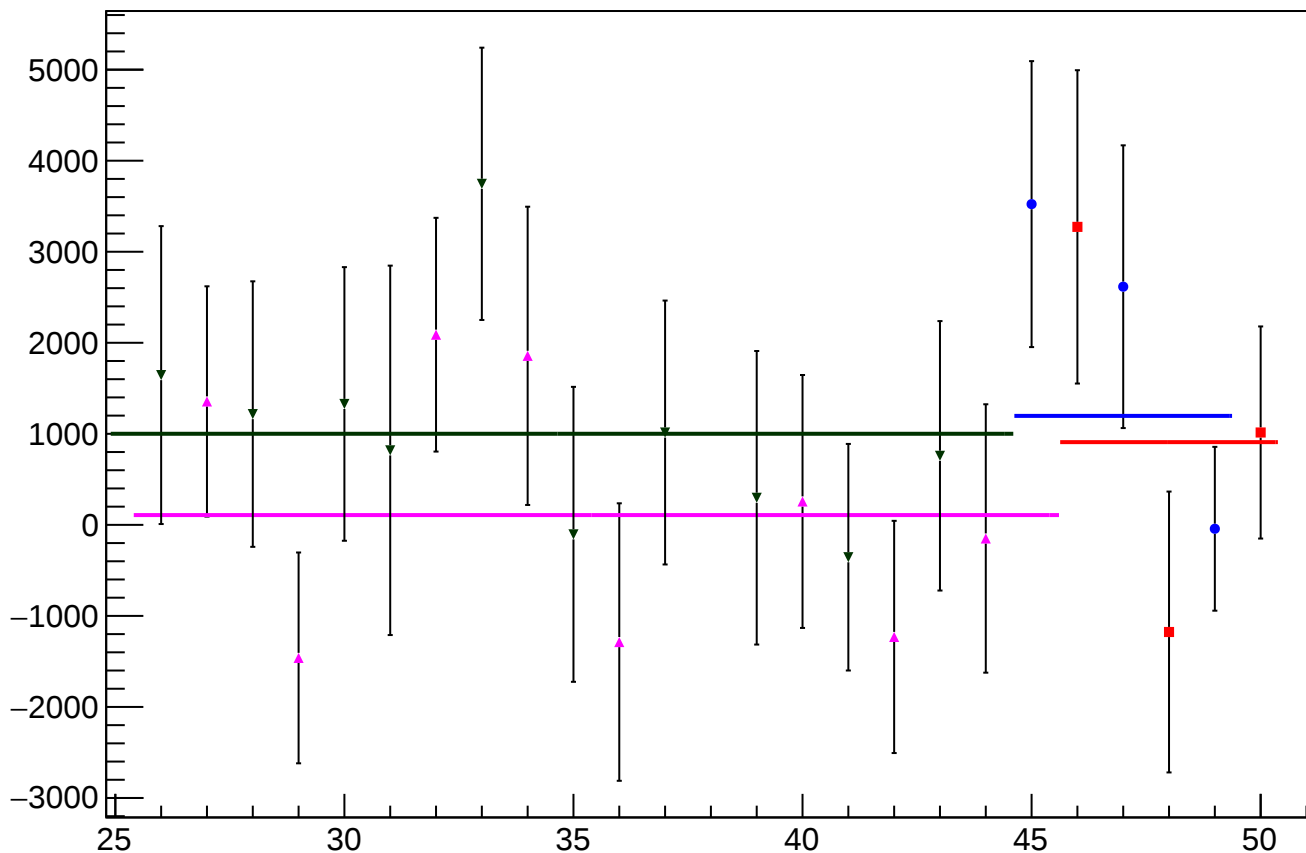
Left Out: 972.778+/-0.303 χ^2/NDF : 93572.5/9

Right Out: 843.764+/-0.499 χ^2/NDF : 102902.9/2

Left In: 943.004+/-0.296 χ^2/NDF : 91510.1/7

924.203+/-0.177 χ^2/NDF : 527173.9/23

asym_atl1_mean vs slug



Right In: 1197.031 $\pm$ 697.535 χ^2 /NDF: 4.9/2

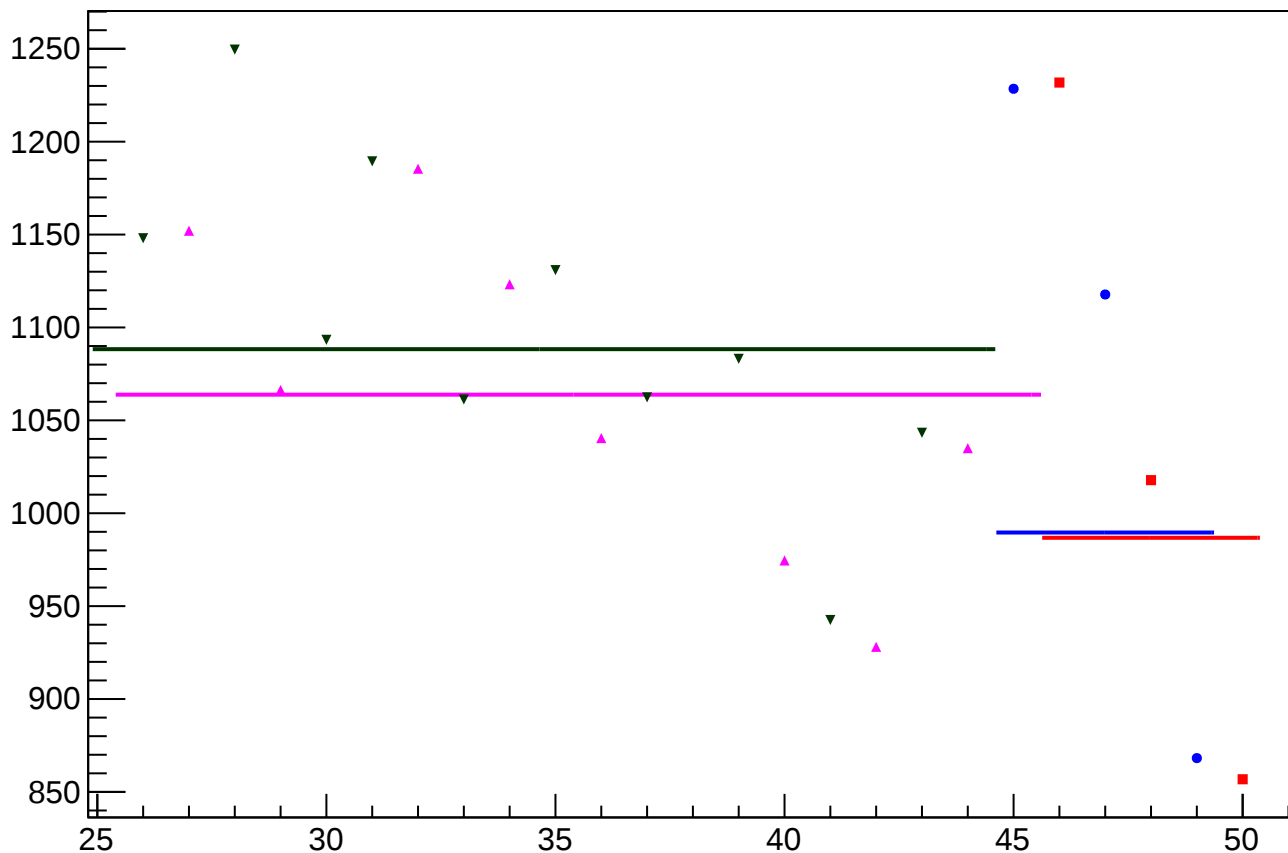
Left Out: 1000.567 $\pm$ 481.078 χ^2 /NDF: 5.5/9

Right Out: 908.687 $\pm$ 817.898 χ^2 /NDF: 3.7/2

Left In: 107.491 $\pm$ 478.124 χ^2 /NDF: 8.3/7

703.293 $\pm$ 285.768 χ^2 /NDF: 24.9/23

asym_atl1_rms vs slug



Right In: 989.621+/-0.493 χ^2/NDF : 96292.6/2

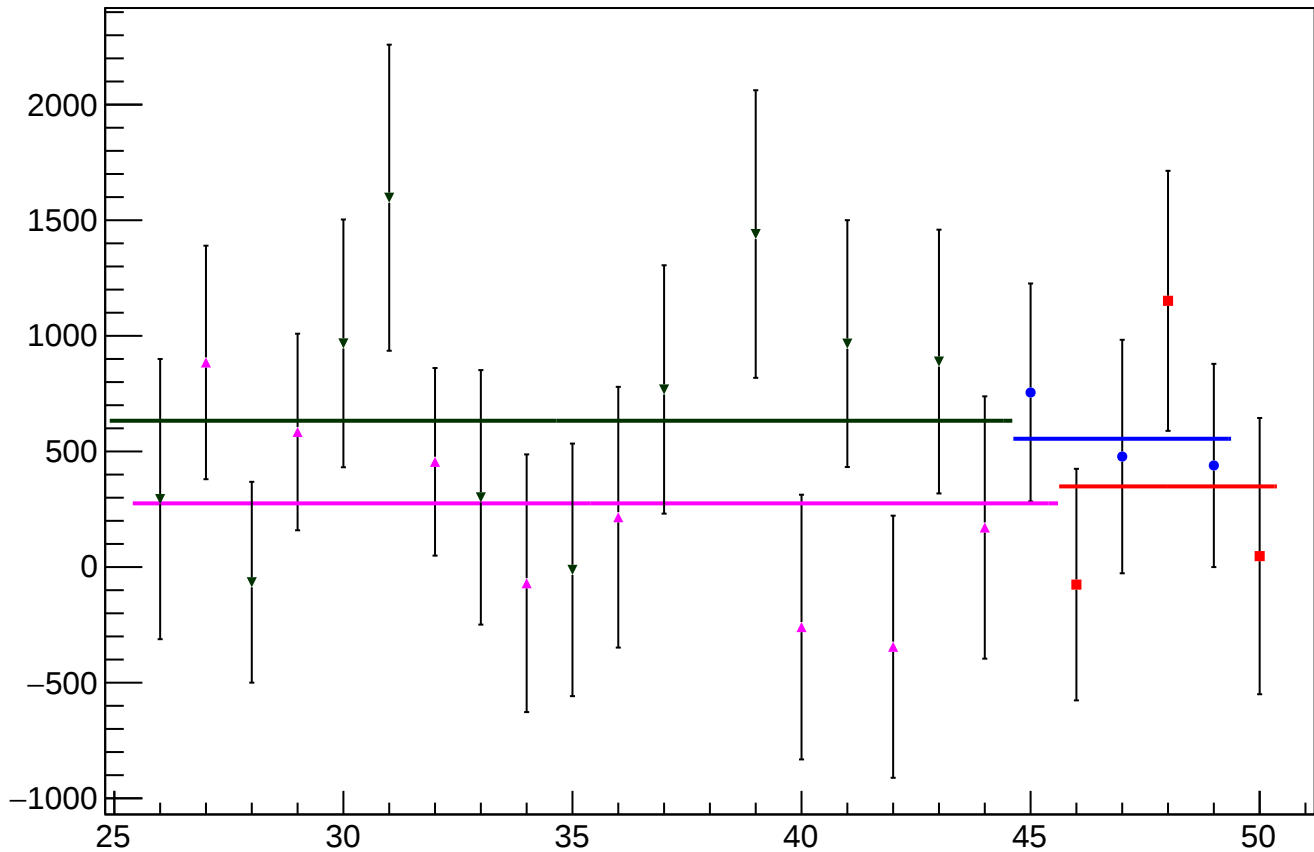
Left Out: 1088.314+/-0.340 χ^2/NDF : 64102.3/9

Right Out: 986.791+/-0.578 χ^2/NDF : 66261.8/2

Left In: 1063.822+/-0.338 χ^2/NDF : 62470.9/7

1050.607+/-0.202 χ^2/NDF : 330406.8/23

reg_asym_atl2_mean vs slug



Right In: 554.917 $\pm$ 271.171 χ^2 /NDF: 0.3/2

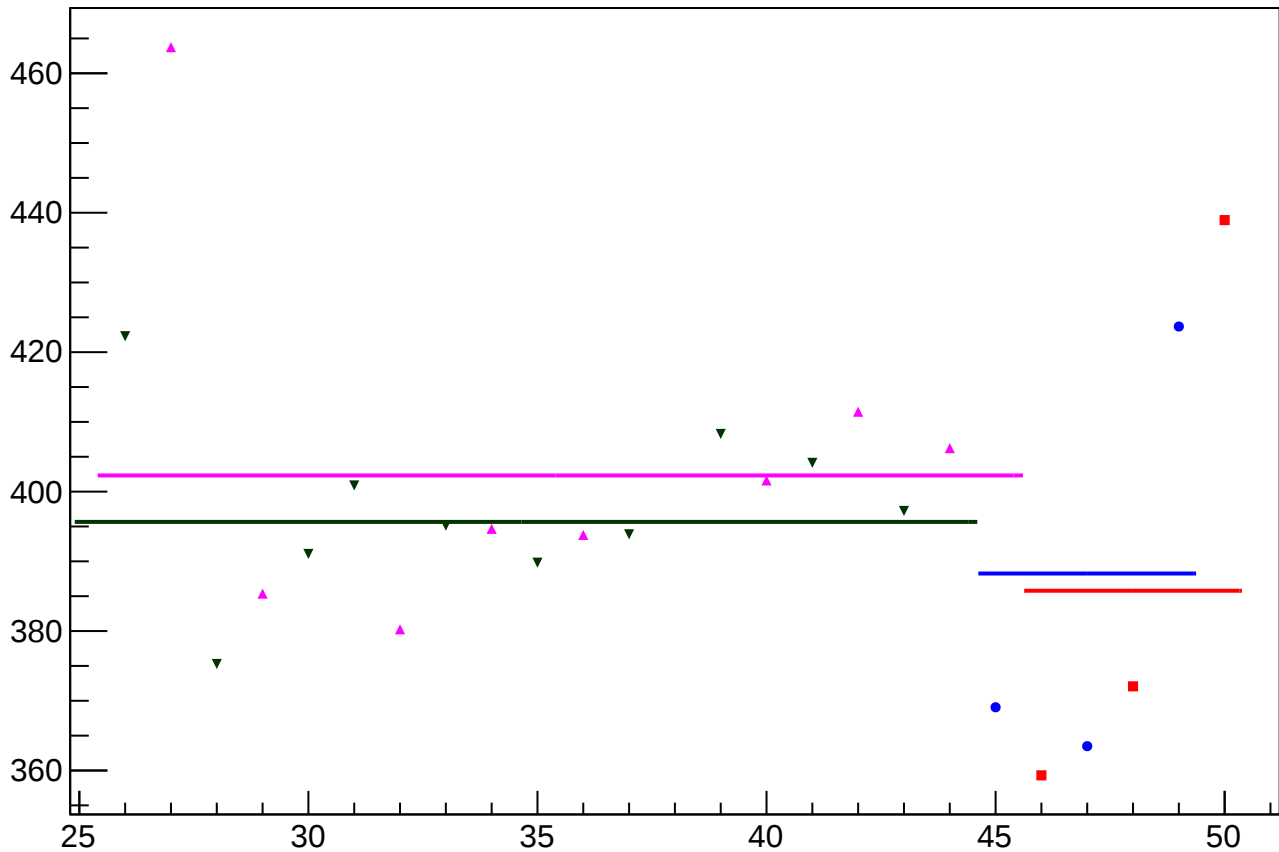
Left Out: 632.818 $\pm$ 173.856 χ^2 /NDF: 9.5/9

461.745 $\pm$ 106.717 χ^2 /NDF: 19.8/23

Right Out: 348.846 $\pm$ 316.961 χ^2 /NDF: 3.0/2

Left In: 275.571 $\pm$ 179.114 χ^2 /NDF: 4.7/7

reg_asym_atl2_rms vs slug



Right In: 388.254+/-0.192 χ^2/NDF : 21119.8/2

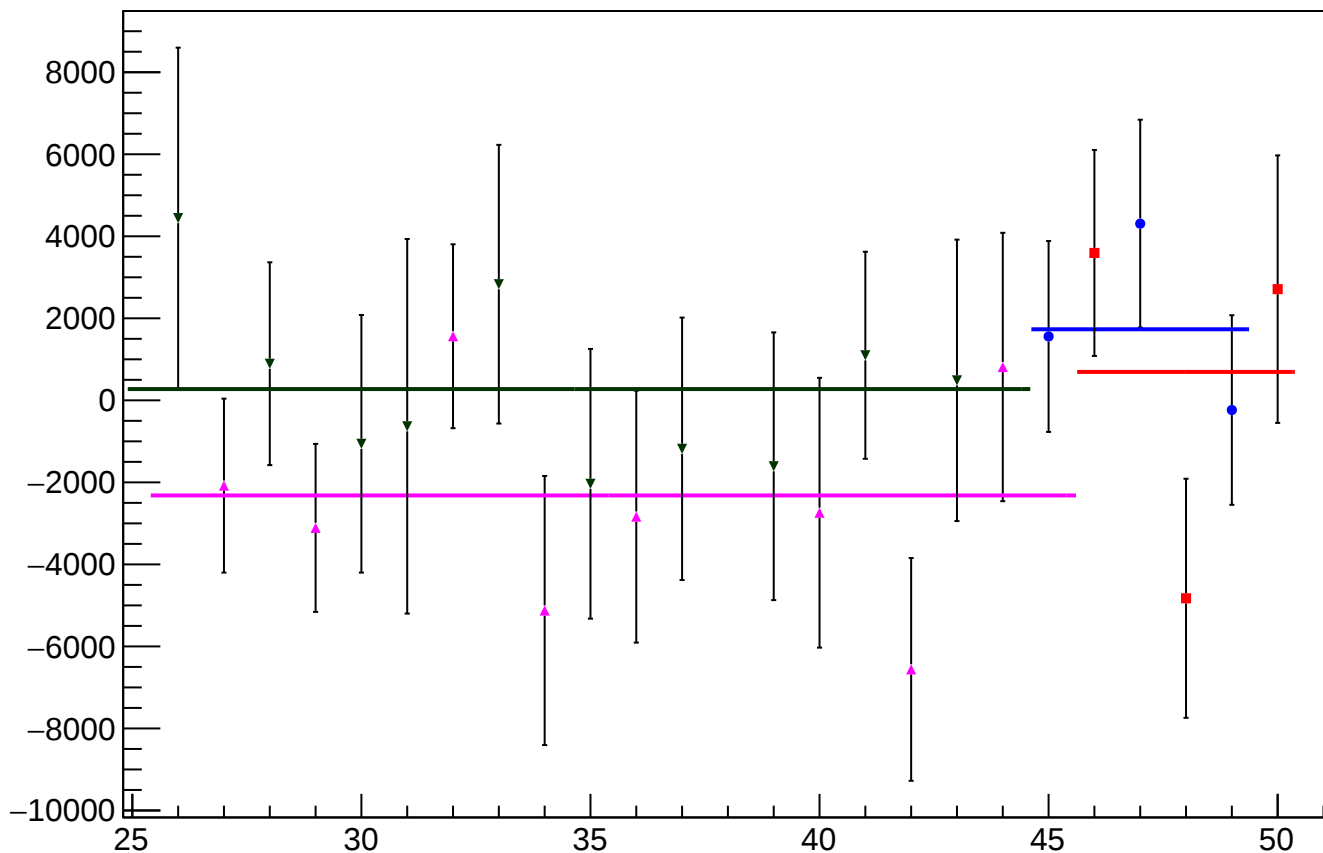
Left Out: 395.658+/-0.123 χ^2/NDF : 10135.9/9

Right Out: 385.785+/-0.224 χ^2/NDF : 22622.6/2

Left In: 402.320+/-0.127 χ^2/NDF : 40146.6/7

395.757+/-0.075 χ^2/NDF : 100221.5/23

asym_atl2_correction_mean vs slug



Right In: 1732.466+/-1377.098 χ^2/NDF : 1.8/2

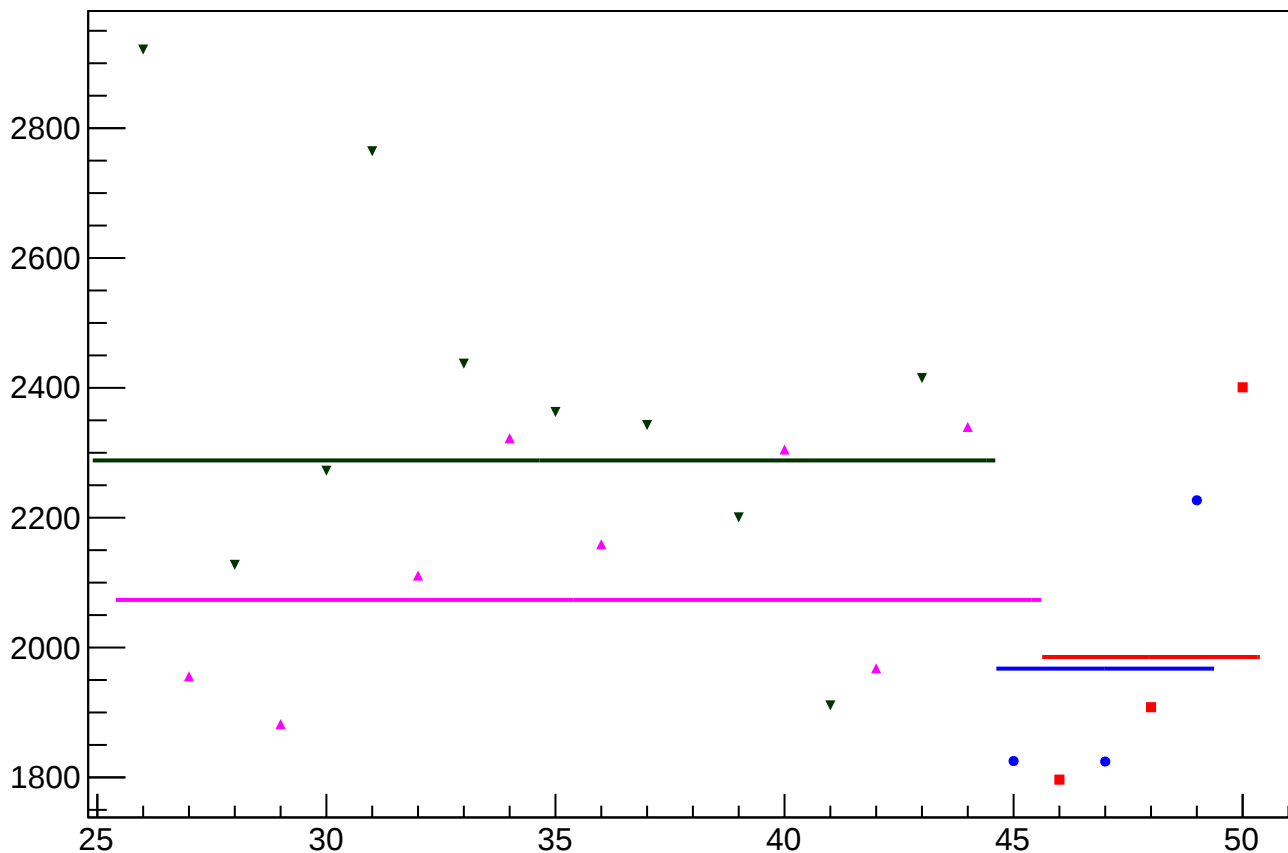
Left Out: 274.802+/-1008.389 χ^2/NDF : 3.0/9

Right Out: 692.995+/-1643.358 χ^2/NDF : 5.3/2

Left In: -2318.997+/-920.578 χ^2/NDF : 7.3/7

-423.385+/-571.566 χ^2/NDF : 25.0/23

asym_atl2_correction_rms vs slug



Right In: 1967.556 $\pm$ 0.974 χ^2 /NDF: 39025.0/2

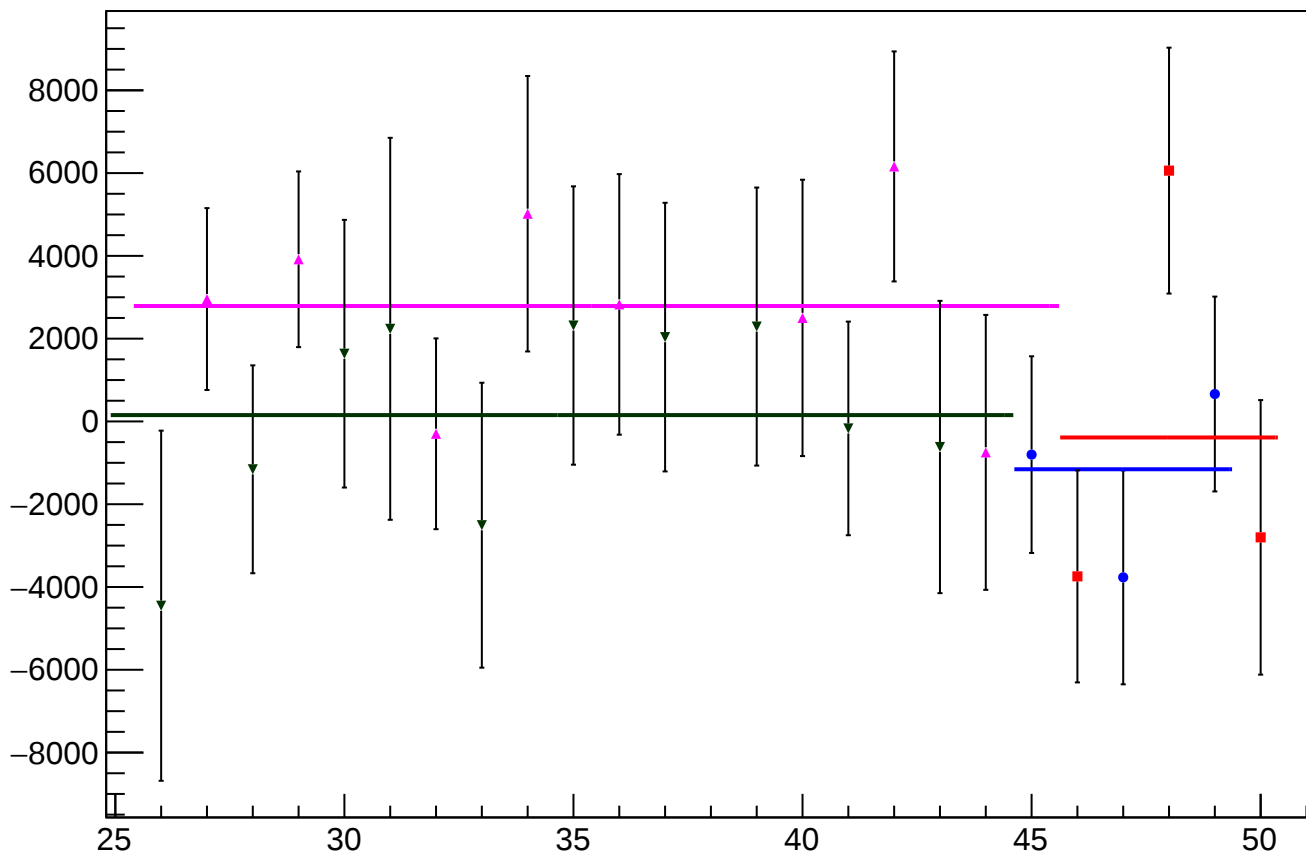
Left Out: 2288.236 $\pm$ 0.713 χ^2 /NDF: 130972.3/9

Right Out: 1985.434 $\pm$ 1.162 χ^2 /NDF: 45168.2/2

Left In: 2073.380 $\pm$ 0.651 χ^2 /NDF: 63452.8/7

2113.539 $\pm$ 0.404 χ^2 /NDF: 377080.0/23

asym_atl2_mean vs slug



Right In: -1155.484+/-1403.900 χ^2/NDF : 1.6/2

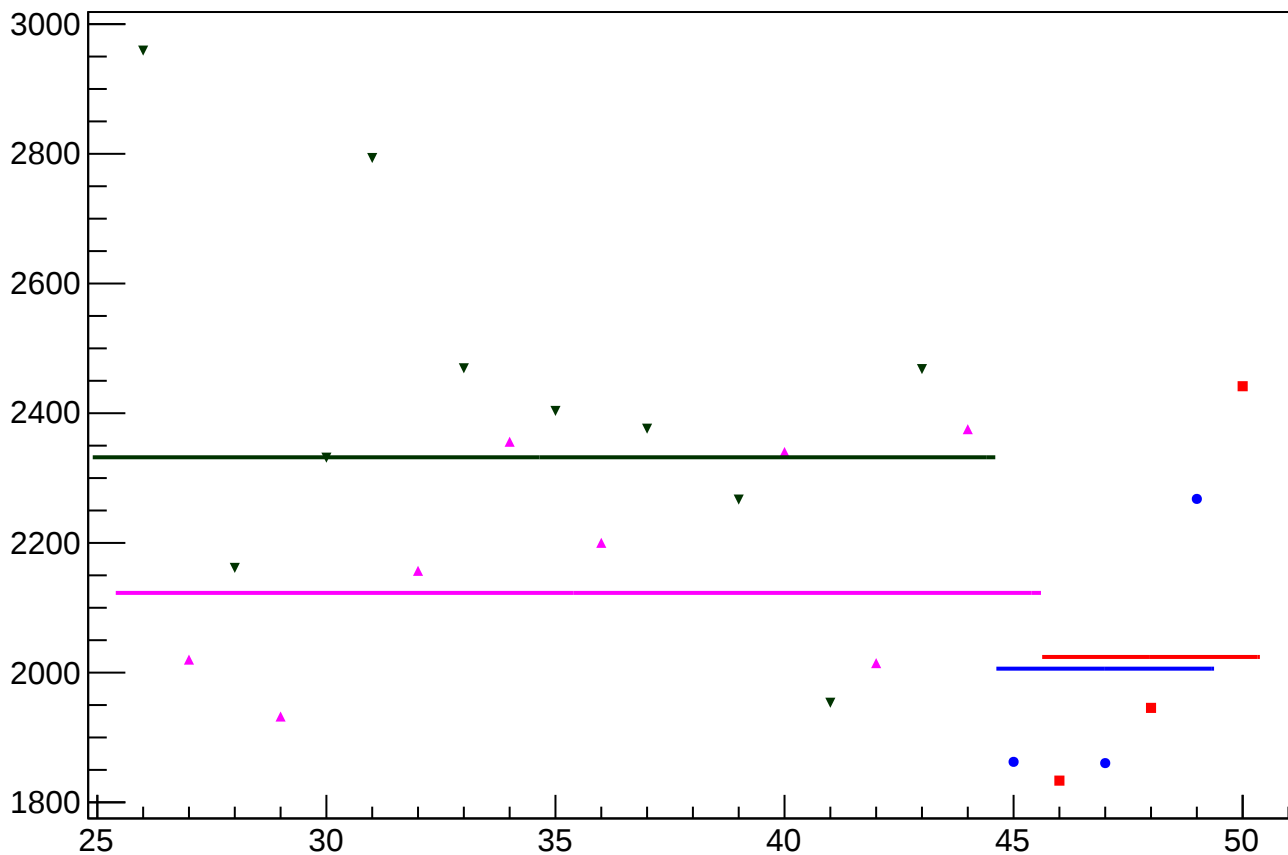
Left Out: 153.091+/-1029.303 χ^2/NDF : 3.7/9

Right Out: -387.413+/-1674.697 χ^2/NDF : 7.0/2

Left In: 2788.434+/-945.564 χ^2/NDF : 5.1/7

867.606+/-584.580 χ^2/NDF : 24.7/23

asym_atl2_rms vs slug



Right In: 2006.106+/-0.993 χ^2/NDF : 38407.1/2

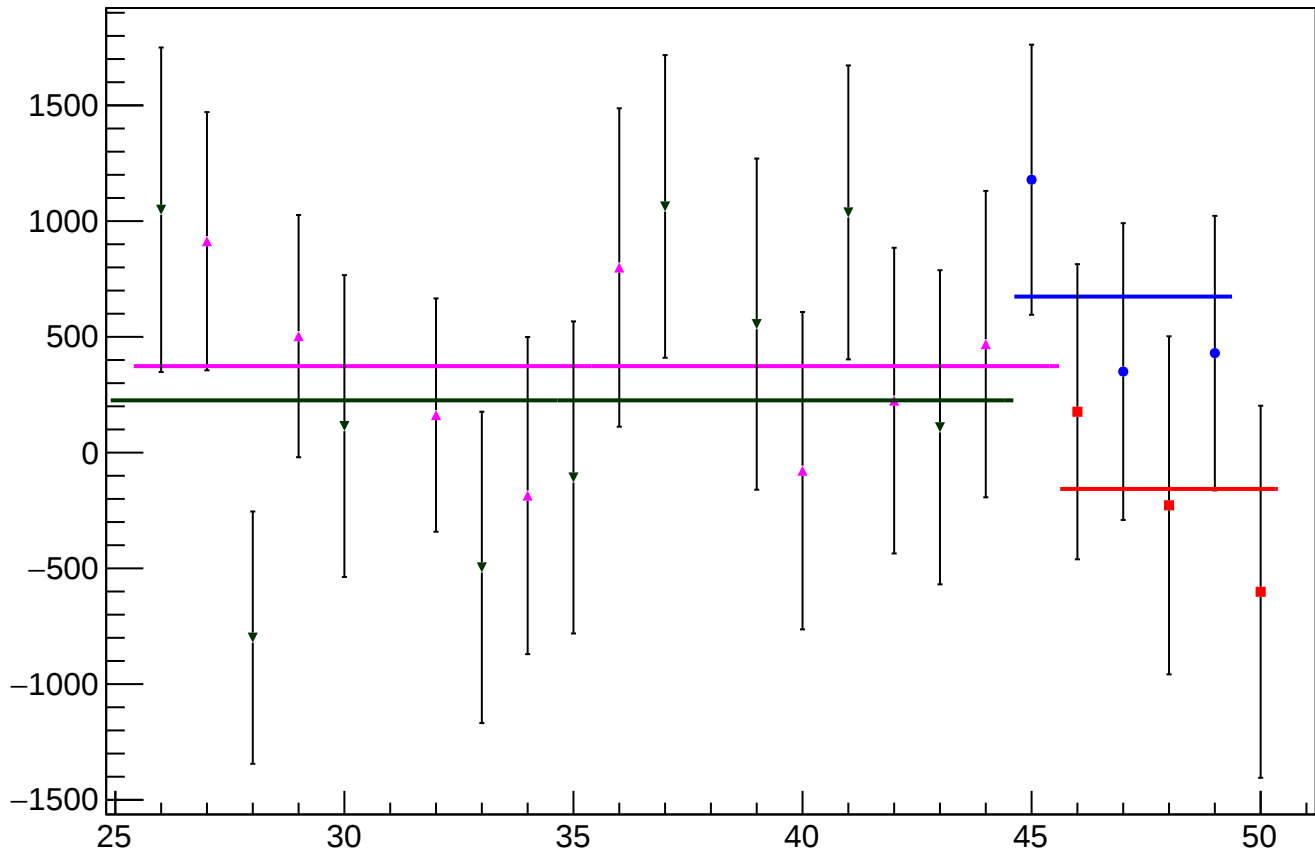
Left Out: 2332.054+/-0.728 χ^2/NDF : 124387.7/9

Right Out: 2024.154+/-1.184 χ^2/NDF : 44163.1/2

Left In: 2122.937+/-0.669 χ^2/NDF : 55033.1/7

2158.095+/-0.413 χ^2/NDF : 358117.4/23

reg_asym_atr1_mean vs slug



Right In: 673.993+/-348.847 χ^2/NDF : 1.2/2

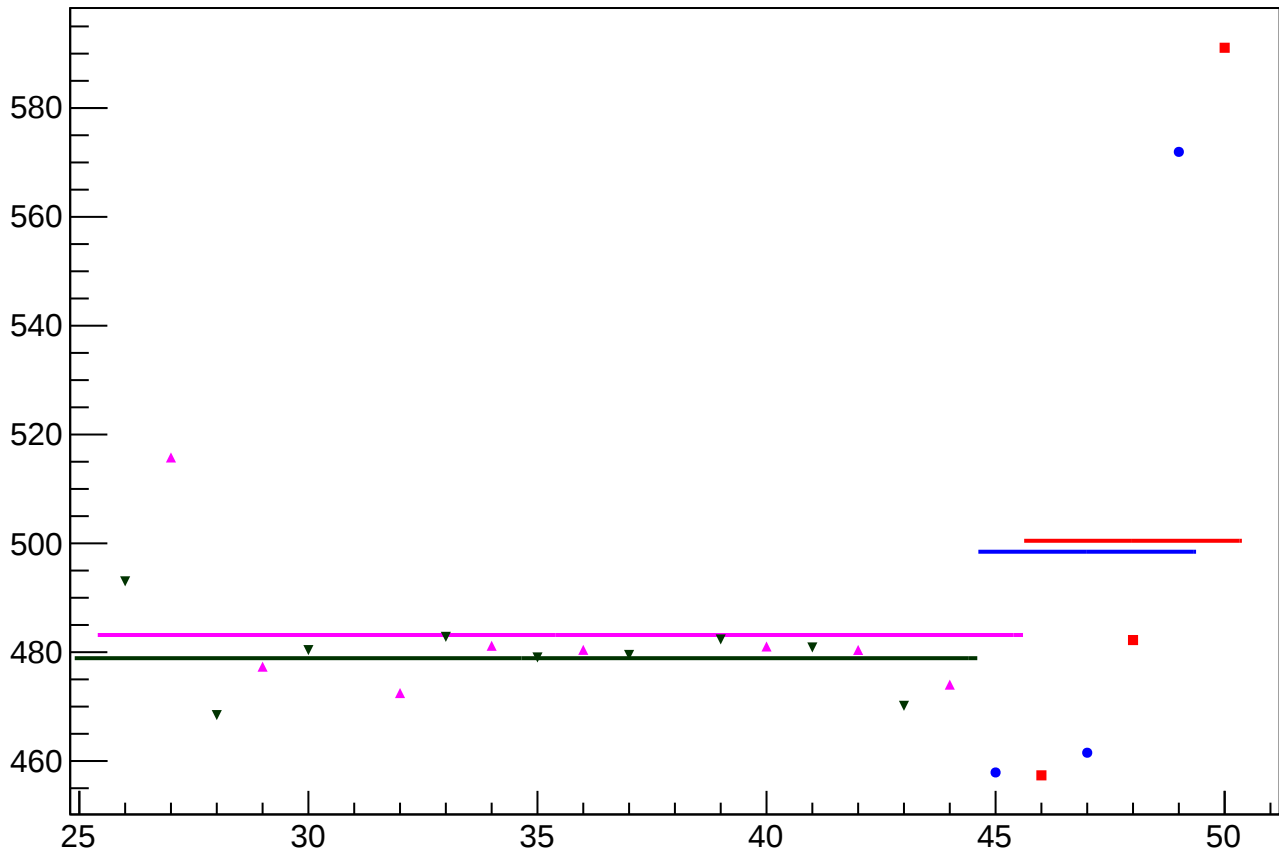
Left Out: 225.737+/-217.621 χ^2/NDF : 9.9/8

307.307+/-132.483 χ^2/NDF : 17.0/22

Right Out: -156.884+/-412.196 χ^2/NDF : 0.6/2

Left In: 373.555+/-214.394 χ^2/NDF : 2.7/7

reg_asym_atr1_rms vs slug



Right In: 498.462+/-0.247 χ^2/NDF : 47042.6/2

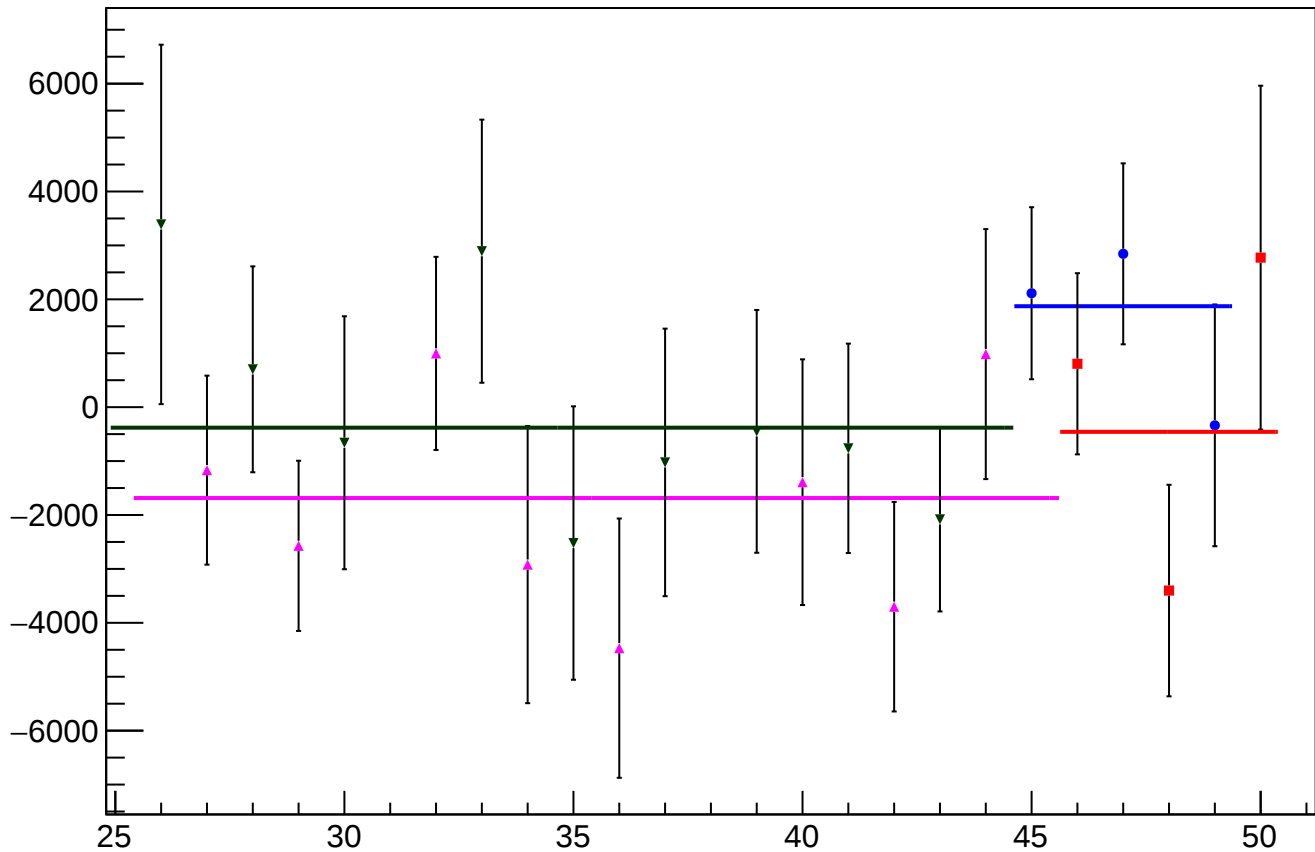
Left Out: 478.896+/-0.154 χ^2/NDF :2027.3/8

Right Out: 500.473+/-0.291 χ^2/NDF : 35821.8/2

Left In: 483.160+/-0.152 χ^2/NDF :8470.4/7

485.575+/-0.094 χ^2/NDF : 100841.6/22

asym_atr1_correction_mean vs slug



Right In: 1872.288 $\pm$ 1027.739 χ^2 /NDF: 1.3/2

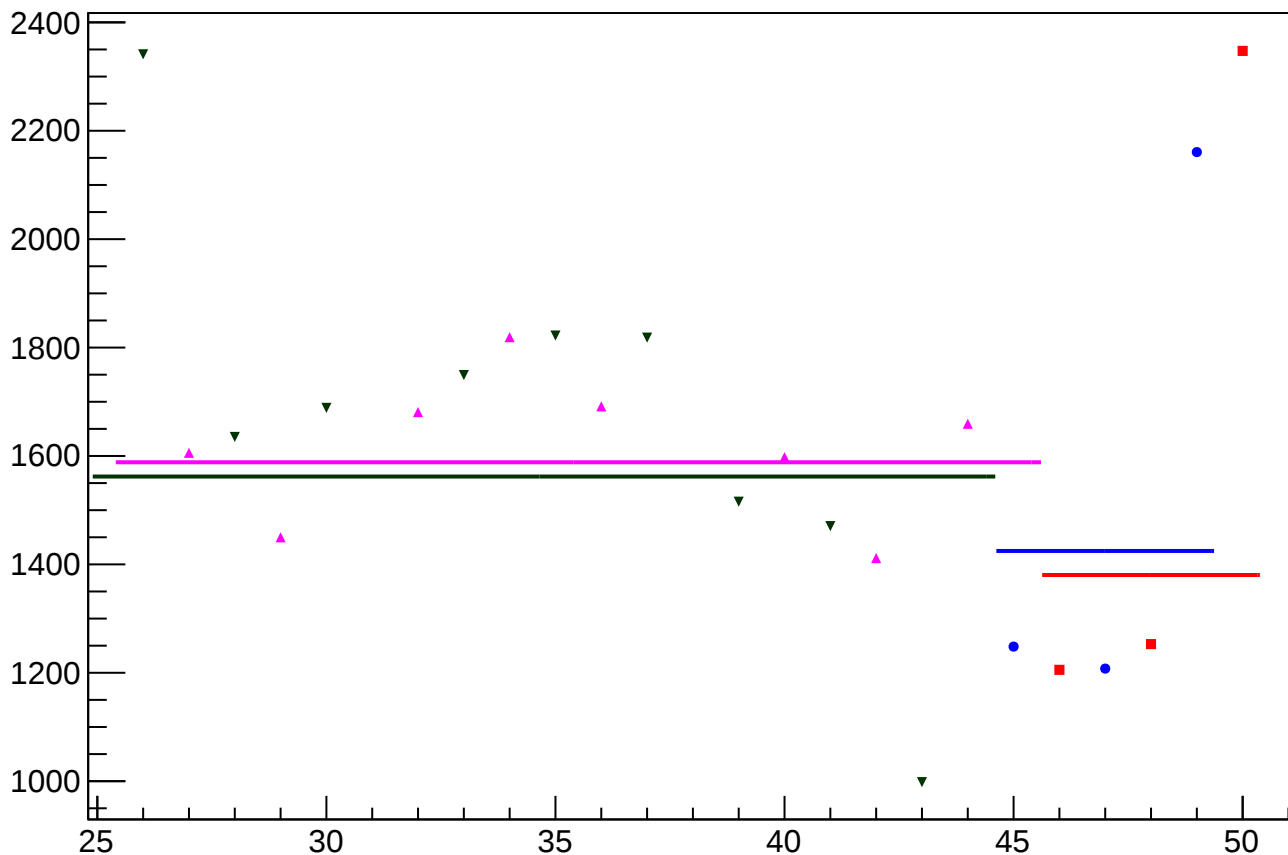
Left Out: -380.627 $\pm$ 737.802 χ^2 /NDF: 5.2/8

-478.872 $\pm$ 426.294 χ^2 /NDF: 25.2/22

Right Out: -457.832 $\pm$ 1184.792 χ^2 /NDF: 3.8/2

Left In: -1685.614 $\pm$ 705.946 χ^2 /NDF: 6.6/7

asym_atr1_correction_rms vs slug



Right In: 1424.778+/-0.727 χ^2/NDF : 273359.9/2

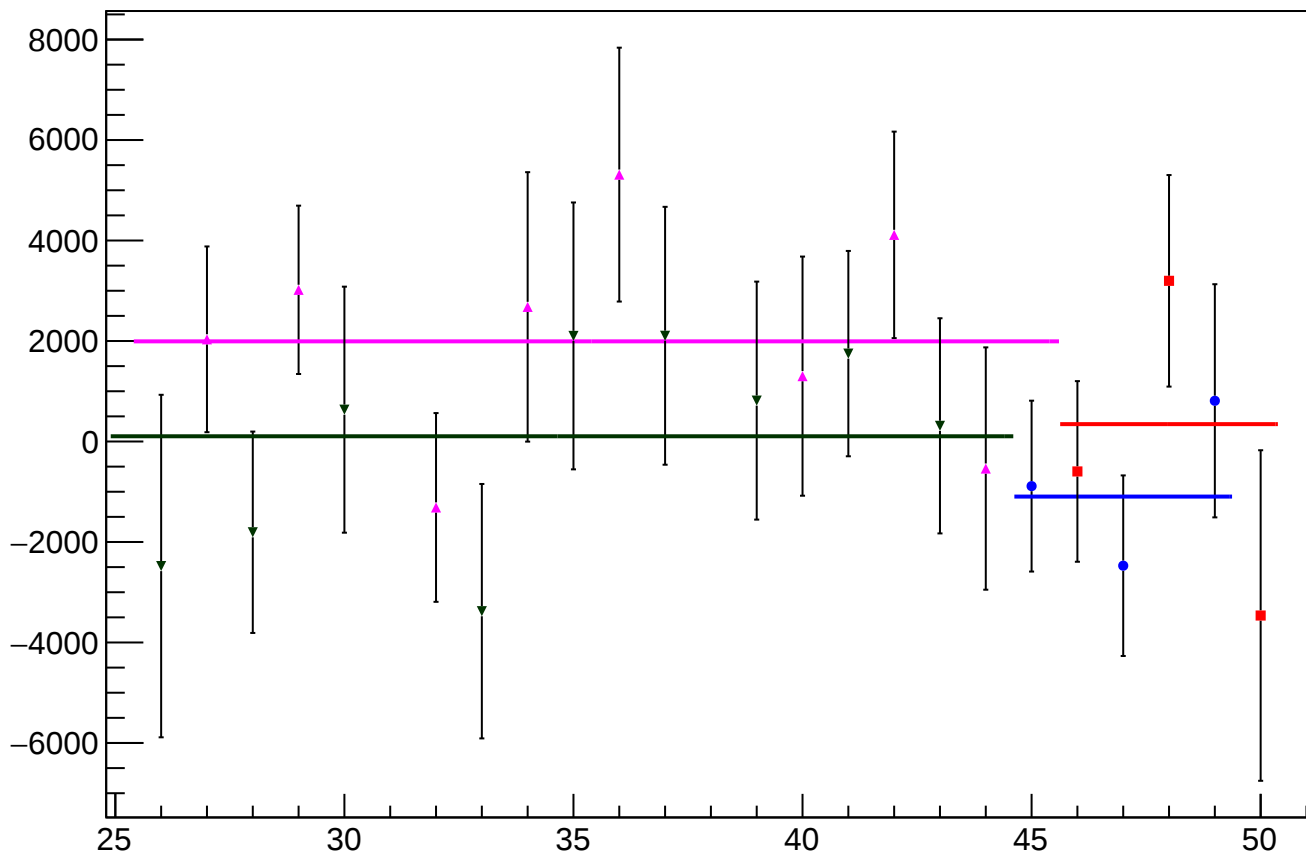
Left Out: 1562.083+/-0.522 χ^2/NDF : 395343.8/8

Right Out: 1380.413+/-0.838 χ^2/NDF : 214042.9/2

Left In: 1588.387+/-0.499 χ^2/NDF : 59225.5/7

1524.532+/-0.301 χ^2/NDF : 1011951.0/22

asym_atr1_mean vs slug



Right In: -1096.161 ± 1090.233 $\chi^2/\text{NDF}: 1.3/2$

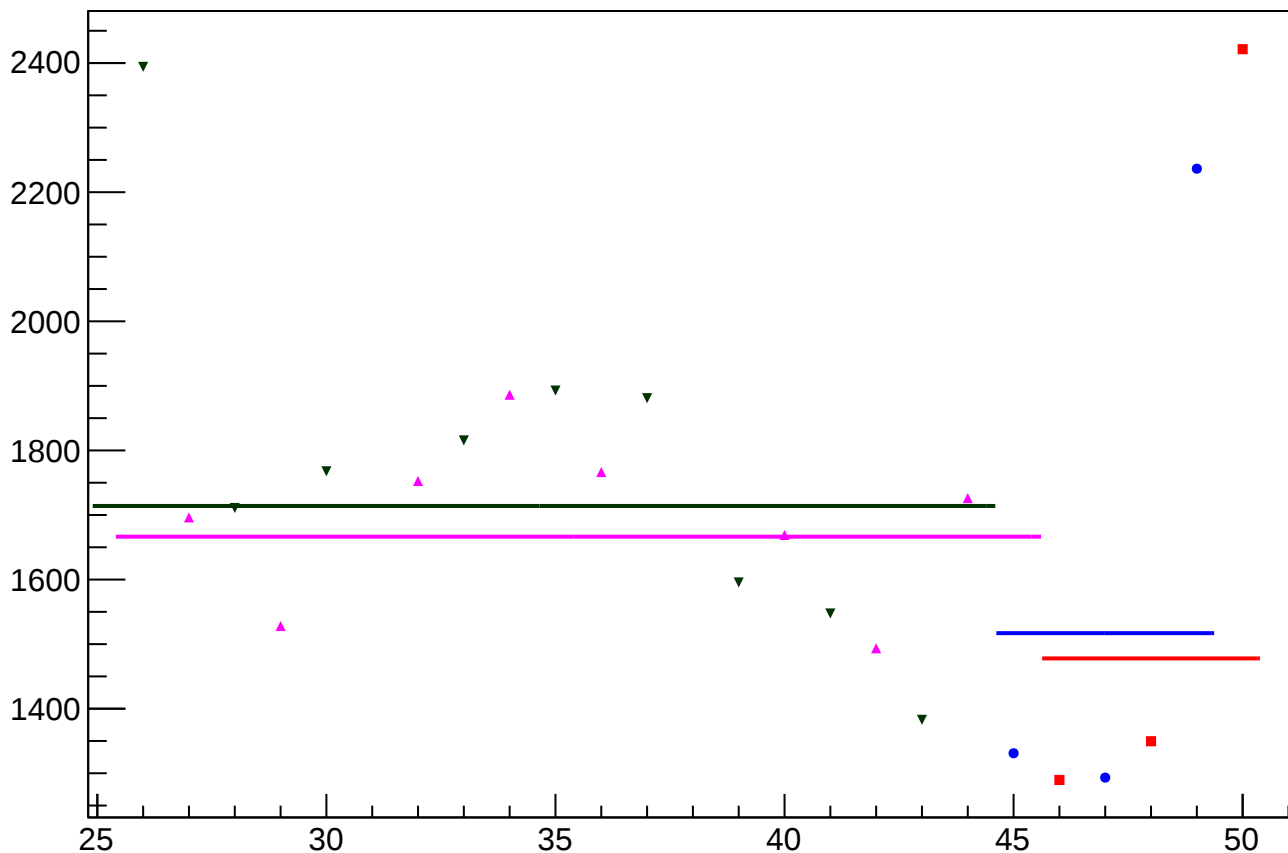
Left Out: 103.969 ± 793.692 $\chi^2/\text{NDF}: 5.3/8$

Right Out: 345.656 ± 1262.347 $\chi^2/\text{NDF}: 3.5/2$

Left In: 1993.066 ± 742.569 $\chi^2/\text{NDF}: 7.5/7$

631.281 ± 453.151 $\chi^2/\text{NDF}: 23.9/22$

asym_atr1_rms vs slug



Right In: 1517.002+/-0.771 χ^2/NDF : 247197.2/2

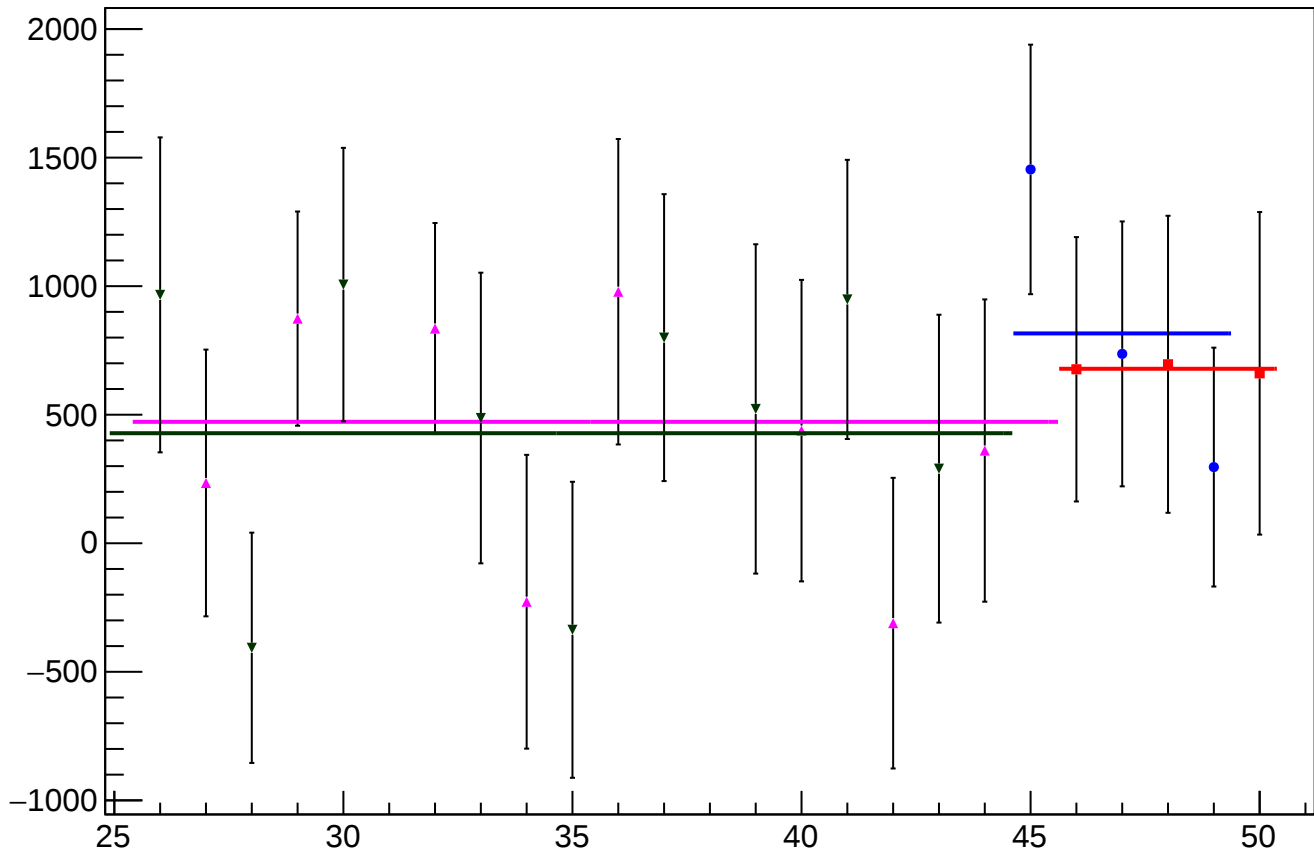
Left Out: 1713.999+/-0.561 χ^2/NDF : 167493.6/8

Right Out: 1477.875+/-0.893 χ^2/NDF : 193961.8/2

Left In: 1666.432+/-0.525 χ^2/NDF : 50356.8/7

1631.824+/-0.320 χ^2/NDF : 736722.1/22

reg_asym_atr2_mean vs slug



Right In: 816.183 $\pm$ 281.185 χ^2 /NDF: 3.0/2

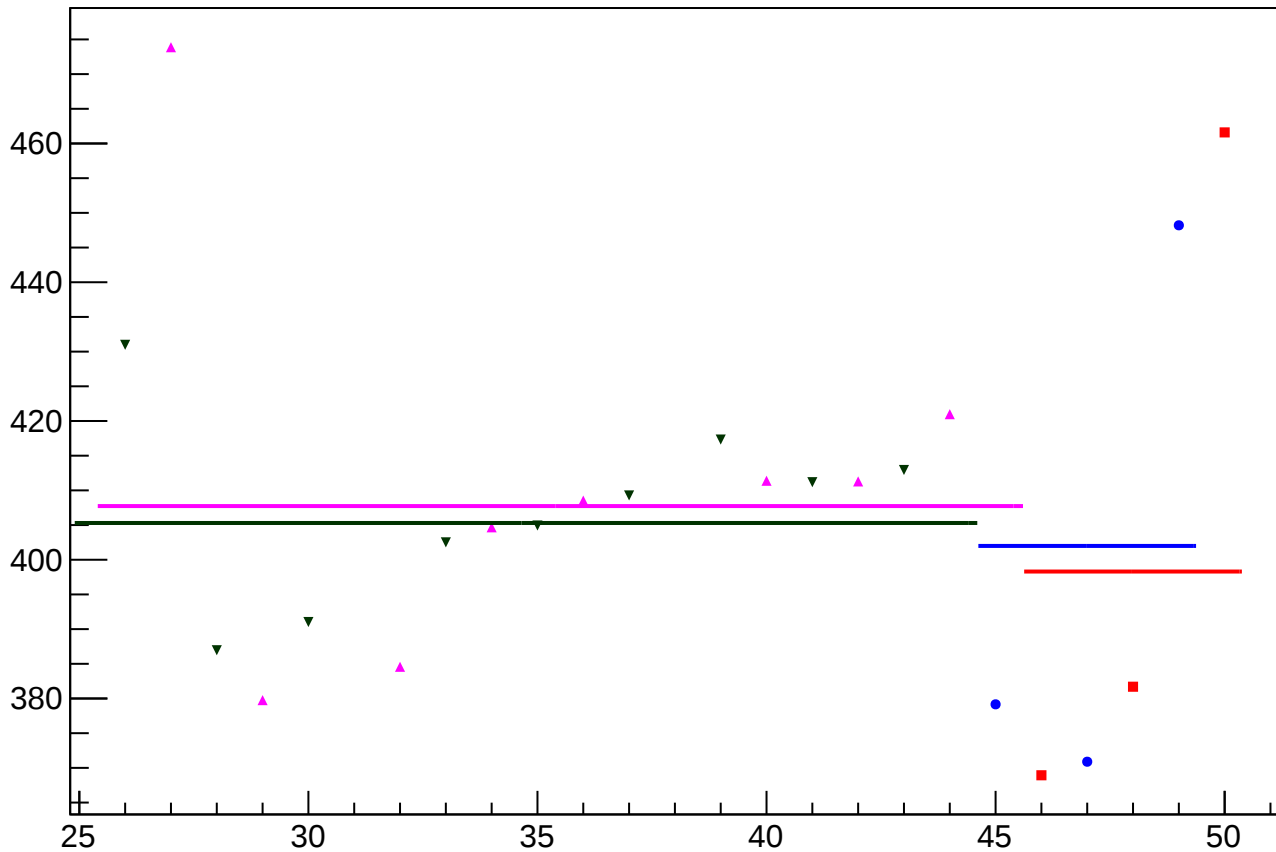
Left Out: 428.042 $\pm$ 185.168 χ^2 /NDF: 8.6/8

533.536 $\pm$ 110.852 χ^2 /NDF: 19.4/22

Right Out: 678.669 $\pm$ 327.554 χ^2 /NDF: 0.0/2

Left In: 472.346 $\pm$ 181.832 χ^2 /NDF: 6.1/7

reg_asym_atr2_rms vs slug



Right In: 401.992 $\pm$ 0.199 χ^2 /NDF: 31510.8/2

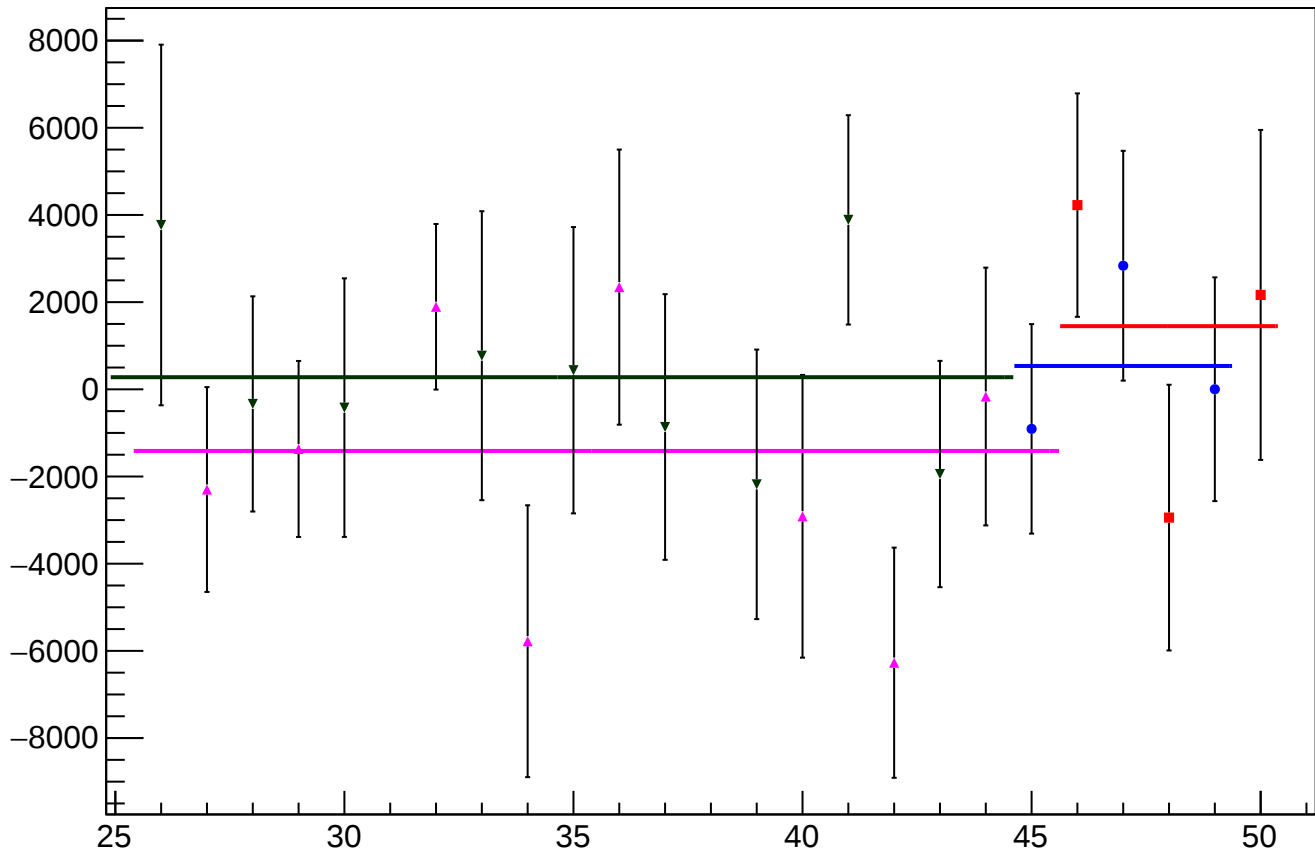
Left Out: 405.300 $\pm$ 0.131 χ^2 /NDF: 9727.9/8

Right Out: 398.301 $\pm$ 0.232 χ^2 /NDF: 28539.4/2

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.9/7

404.890 $\pm$ 0.078 χ^2 /NDF: 120436.7/22

asym_atr2_correction_mean vs slug



Right In: 536.028+/-1460.340 χ^2/NDF : 1.2/2

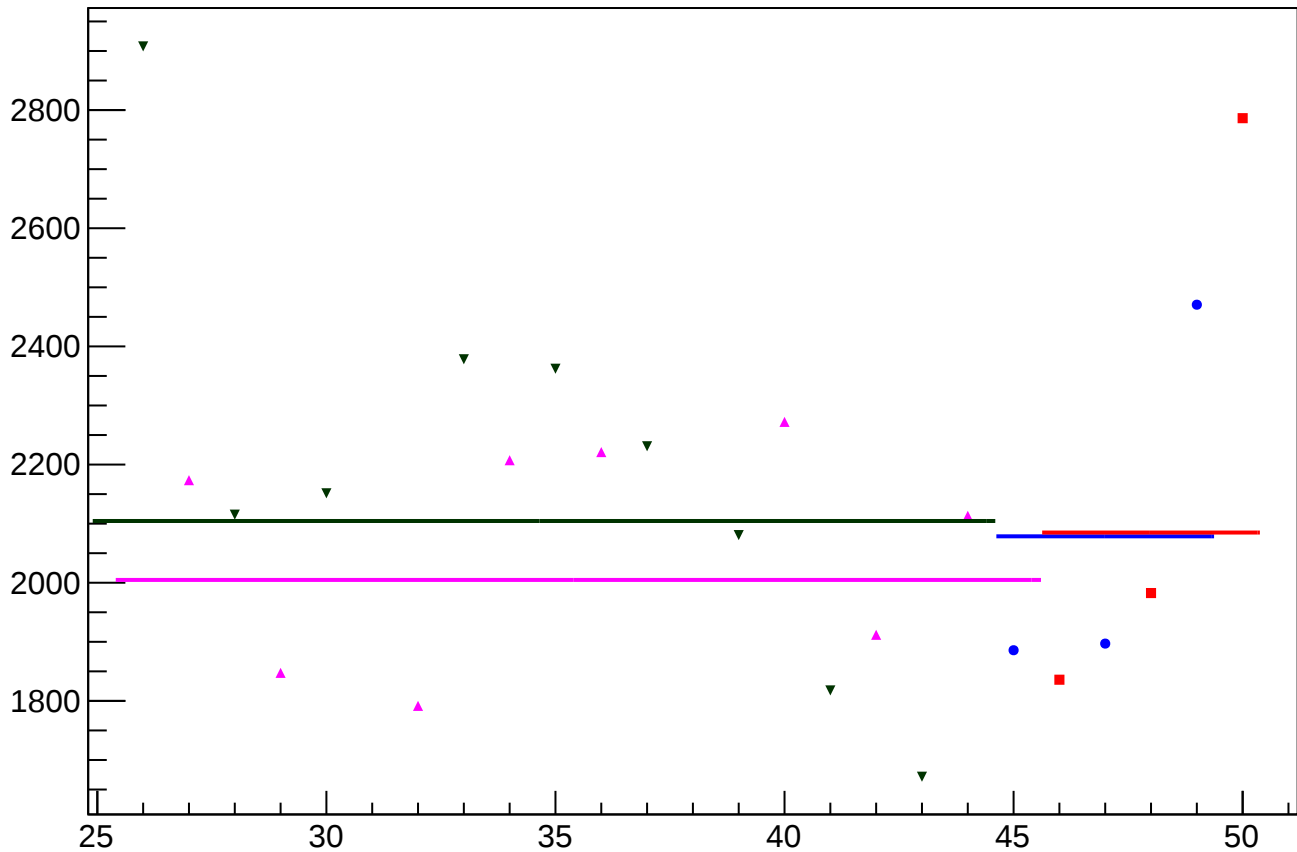
Left Out: 278.027+/-973.990 χ^2/NDF : 4.6/8

-243.854+/-566.803 χ^2/NDF : 22.6/22

Right Out: 1448.919+/-1741.530 χ^2/NDF : 3.3/2

Left In: -1413.717+/-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

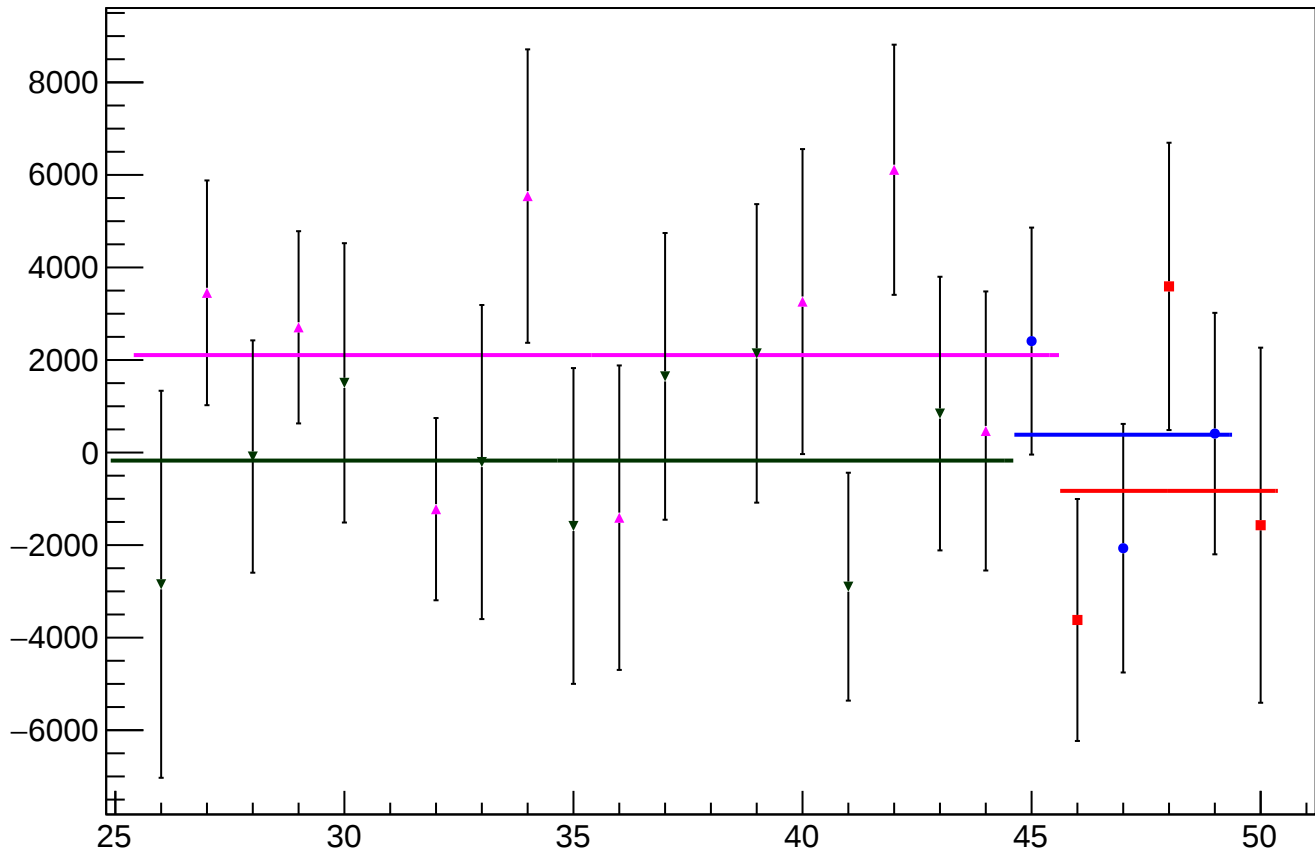
Left Out: 2104.508+/-0.689 χ^2/NDF :189603.1/8

2058.151+/-0.401 χ^2/NDF : 445305.7/22

Right Out: 2084.968+/-1.231 χ^2/NDF : 89817.5/2

Left In: 2004.754+/-0.630 χ^2/NDF :84279.2/7

asym_atr2_mean vs slug



Right In: 385.237+/-1487.896 χ^2/NDF : 1.5/2

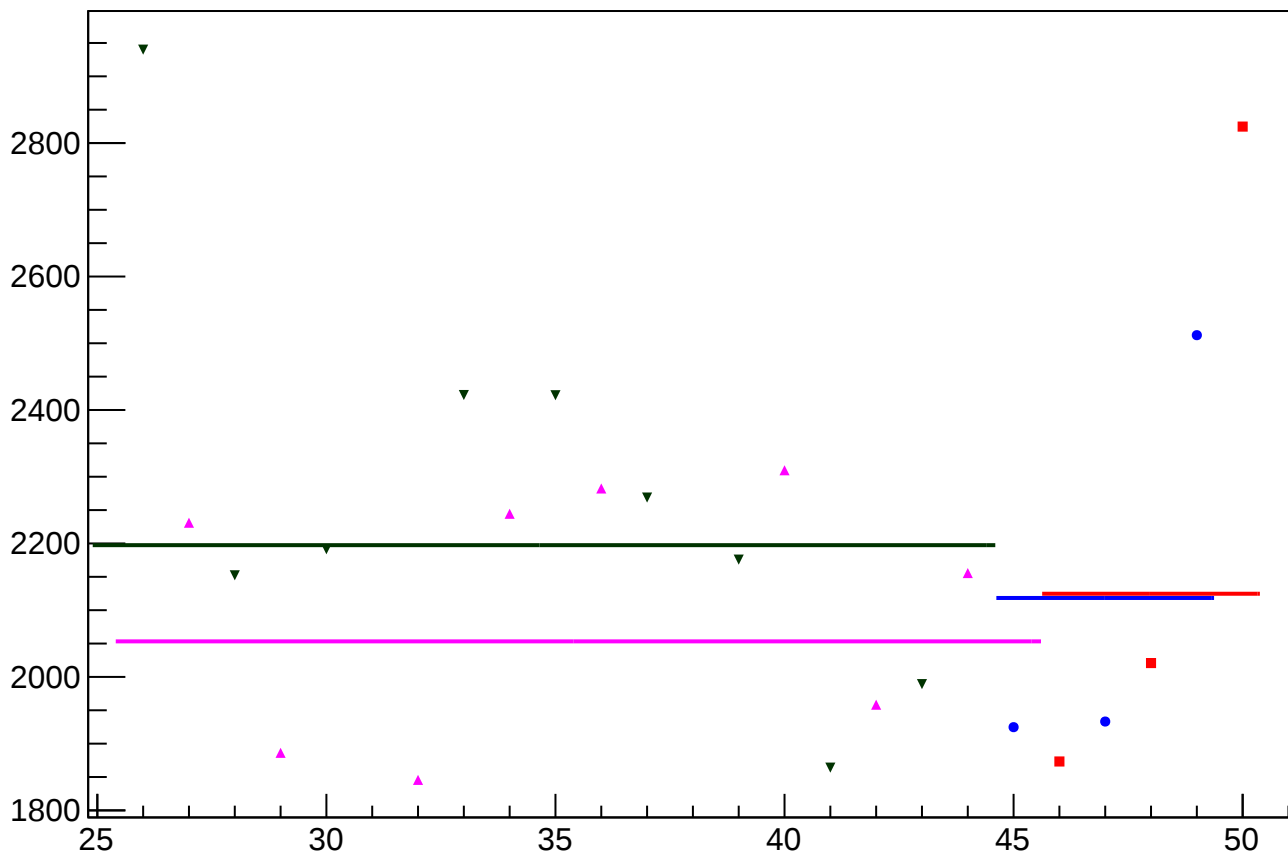
Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

765.105+/-583.475 χ^2/NDF : 19.9/22

Right Out: -828.272+/-1773.463 χ^2/NDF : 3.2/2

Left In: 2106.390+/-916.762 χ^2/NDF : 8.2/7

asym_atr2_rms vs slug



Right In: 2118.306+/-1.052 χ^2/NDF : 67527.3/2

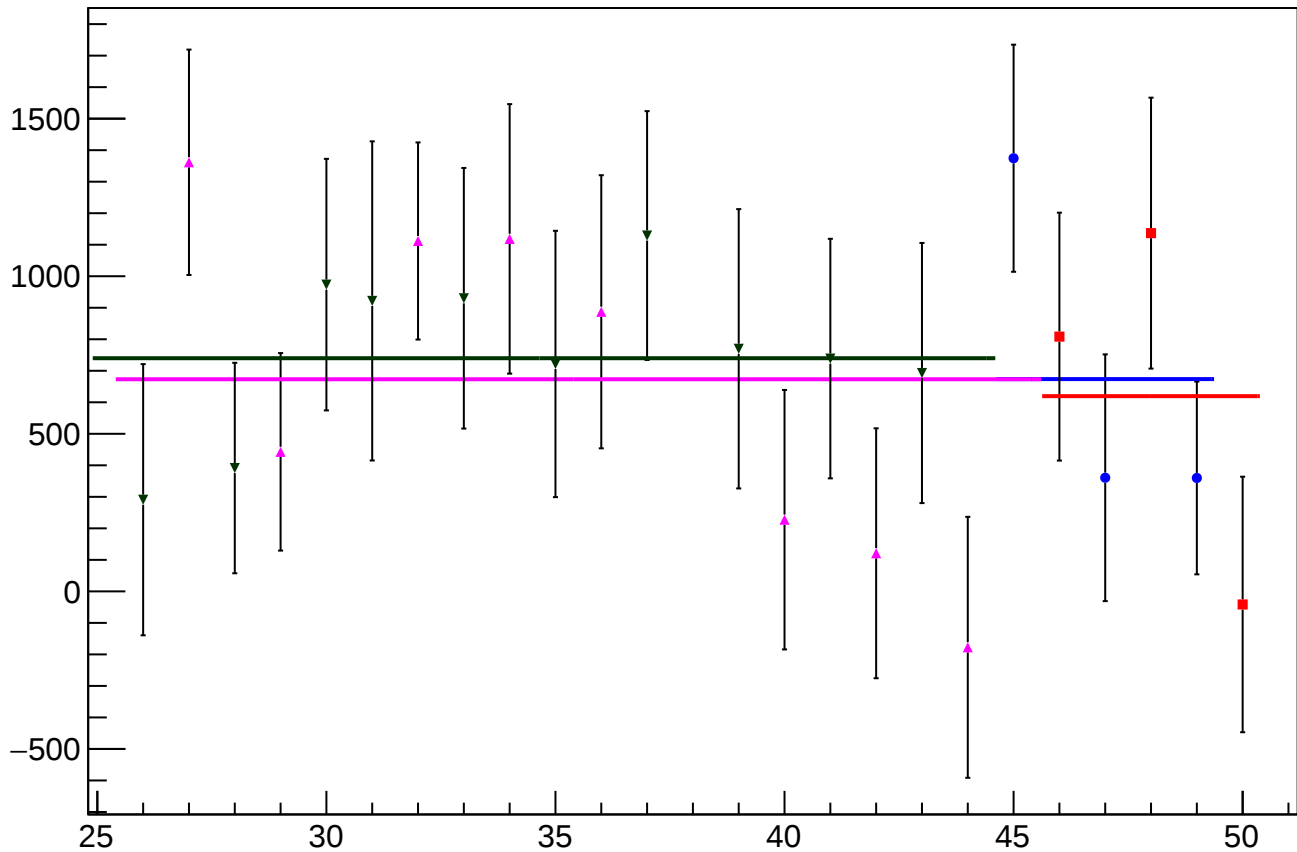
Left Out: 2197.439+/-0.715 χ^2/NDF : 128896.8/8

Right Out: 2124.644+/-1.254 χ^2/NDF : 87293.6/2

Left In: 2053.263+/-0.648 χ^2/NDF : 79708.9/7

2118.989+/-0.413 χ^2/NDF : 385763.7/22

reg_asym_atl_avg_mean vs slug



Right In: 673.625 ± 200.331 $\chi^2/\text{NDF}: 5.5/2$

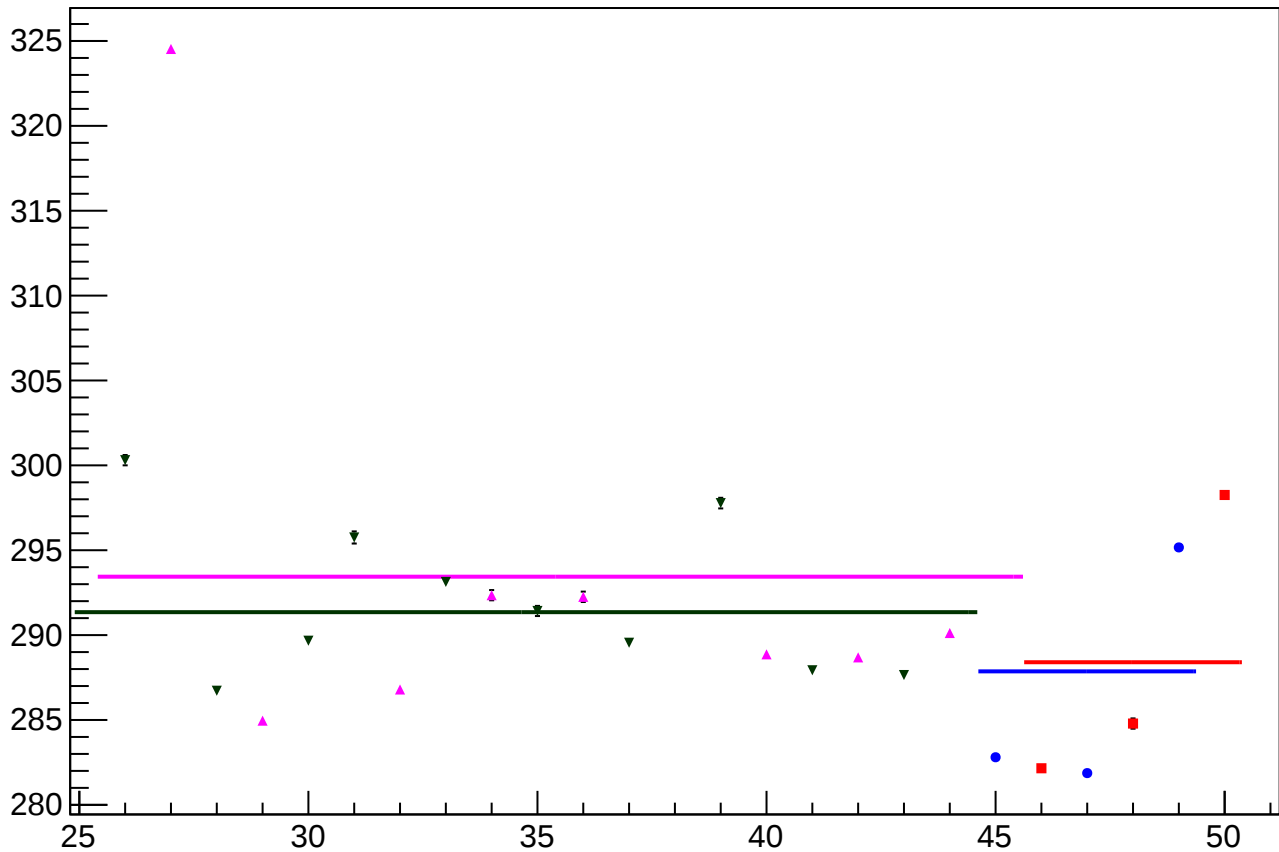
Left Out: 739.872 ± 128.784 $\chi^2/\text{NDF}: 3.9/9$

692.278 ± 78.987 $\chi^2/\text{NDF}: 28.8/23$

Right Out: 619.463 ± 235.958 $\chi^2/\text{NDF}: 4.3/2$

Left In: 673.071 ± 132.323 $\chi^2/\text{NDF}: 14.9/7$

reg_asym_atl_avg_rms vs slug



Right In: 287.864+/-0.142 χ^2/NDF : 2003.1/2

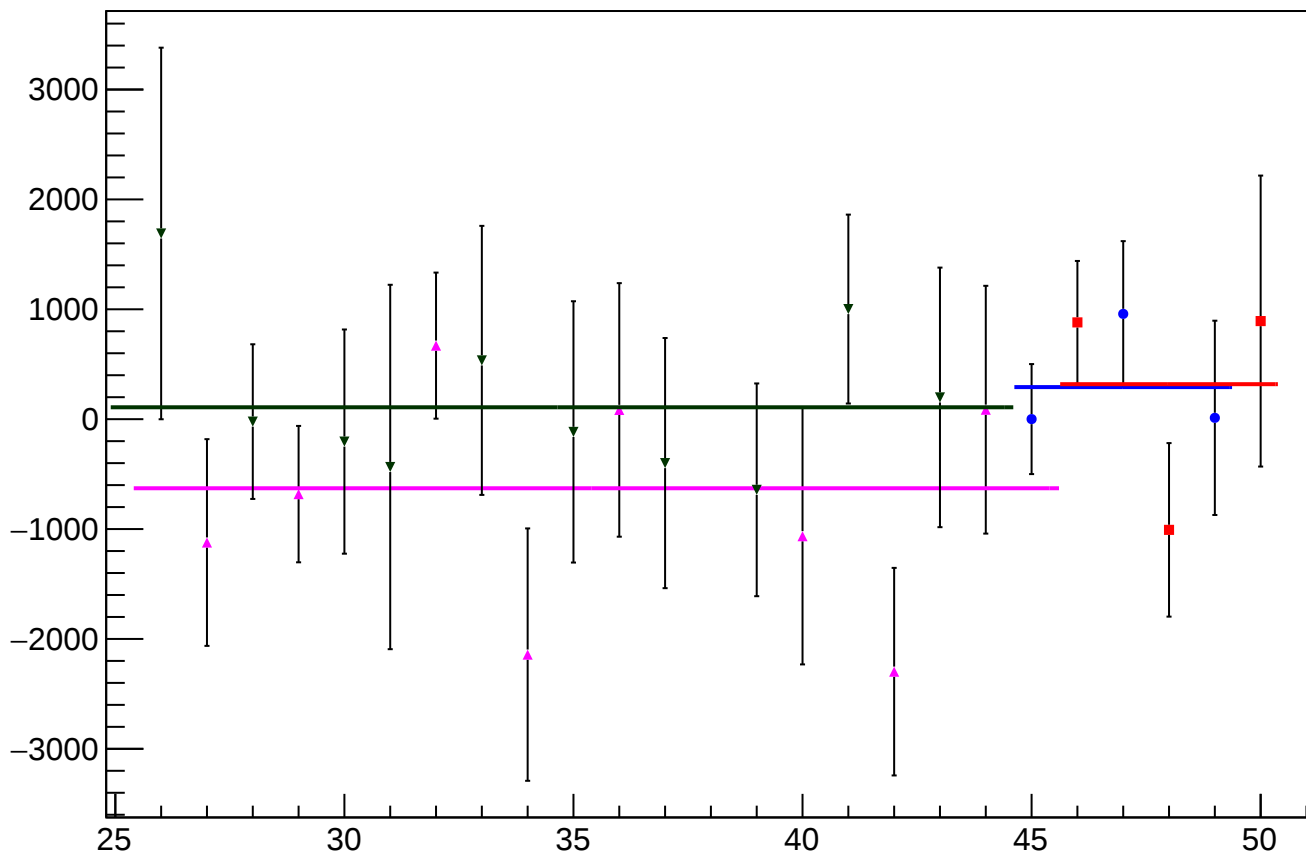
Left Out: 291.351+/-0.091 χ^2/NDF : 2259.4/9

291.223+/-0.056 χ^2/NDF : 25676.1/23

Right Out: 288.402+/-0.167 χ^2/NDF : 1827.0/2

Left In: 293.442+/-0.094 χ^2/NDF : 18174.2/7

asym_atl_avg_correction_mean vs slug



Right In: 291.941 ± 363.906 $\chi^2/\text{NDF}: 1.5/2$

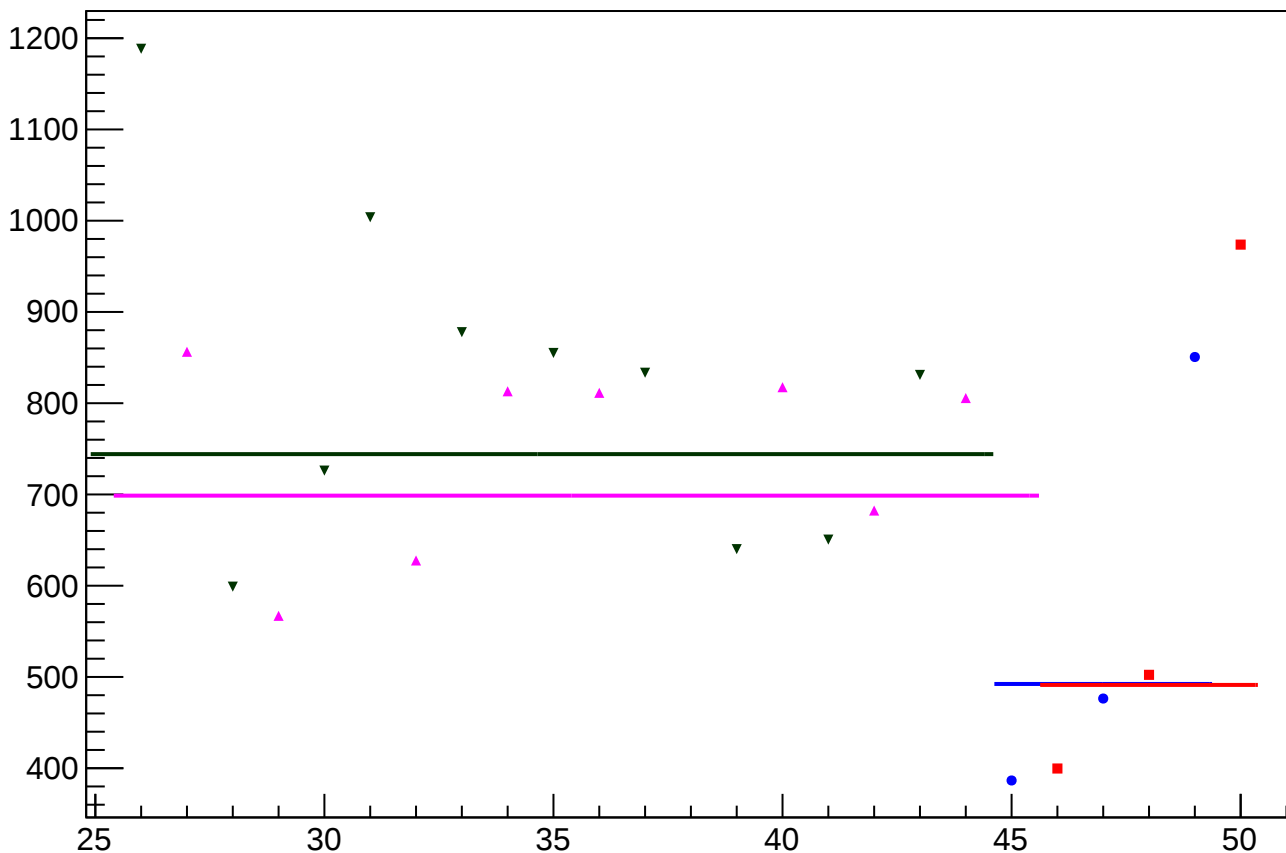
Left Out: 108.218 ± 333.765 $\chi^2/\text{NDF}: 3.2/9$

Right Out: 318.484 ± 431.446 $\chi^2/\text{NDF}: 4.0/2$

Left In: -628.735 ± 314.024 $\chi^2/\text{NDF}: 9.9/7$

-46.471 ± 176.663 $\chi^2/\text{NDF}: 23.7/23$

asym_atl_avg_correction_rms vs slug



Right In: 492.321+/-0.257 χ^2/NDF : 419000.2/2

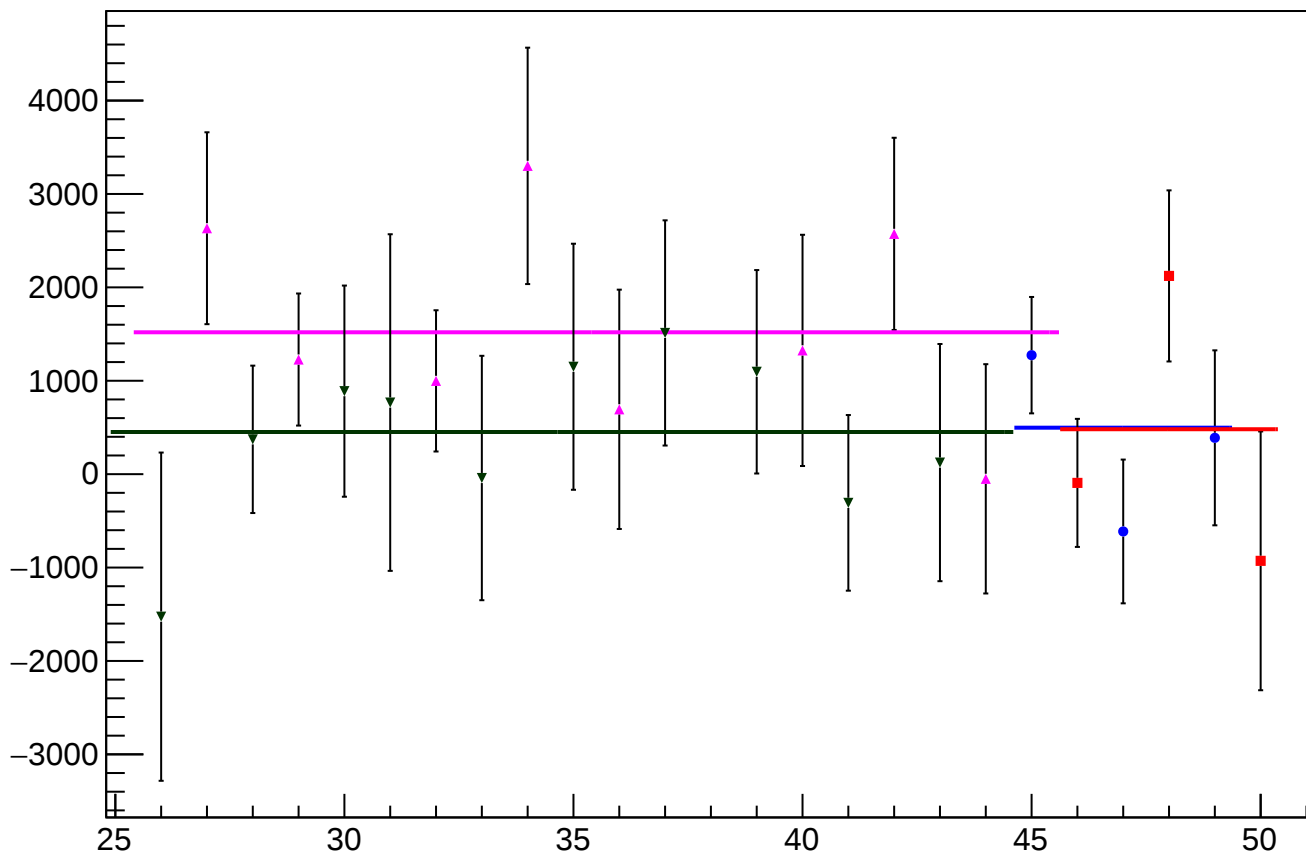
Left Out: 744.197+/-0.236 χ^2/NDF :384053.8/9

Right Out: 491.271+/-0.305 χ^2/NDF : 319668.0/2

Left In: 698.706+/-0.222 χ^2/NDF :247337.3/7

628.031+/-0.125 χ^2/NDF : 2192742.3/23

asym_atl_avg_mean vs slug



Right In: 497.595+/-430.203 χ^2/NDF : 3.7/2

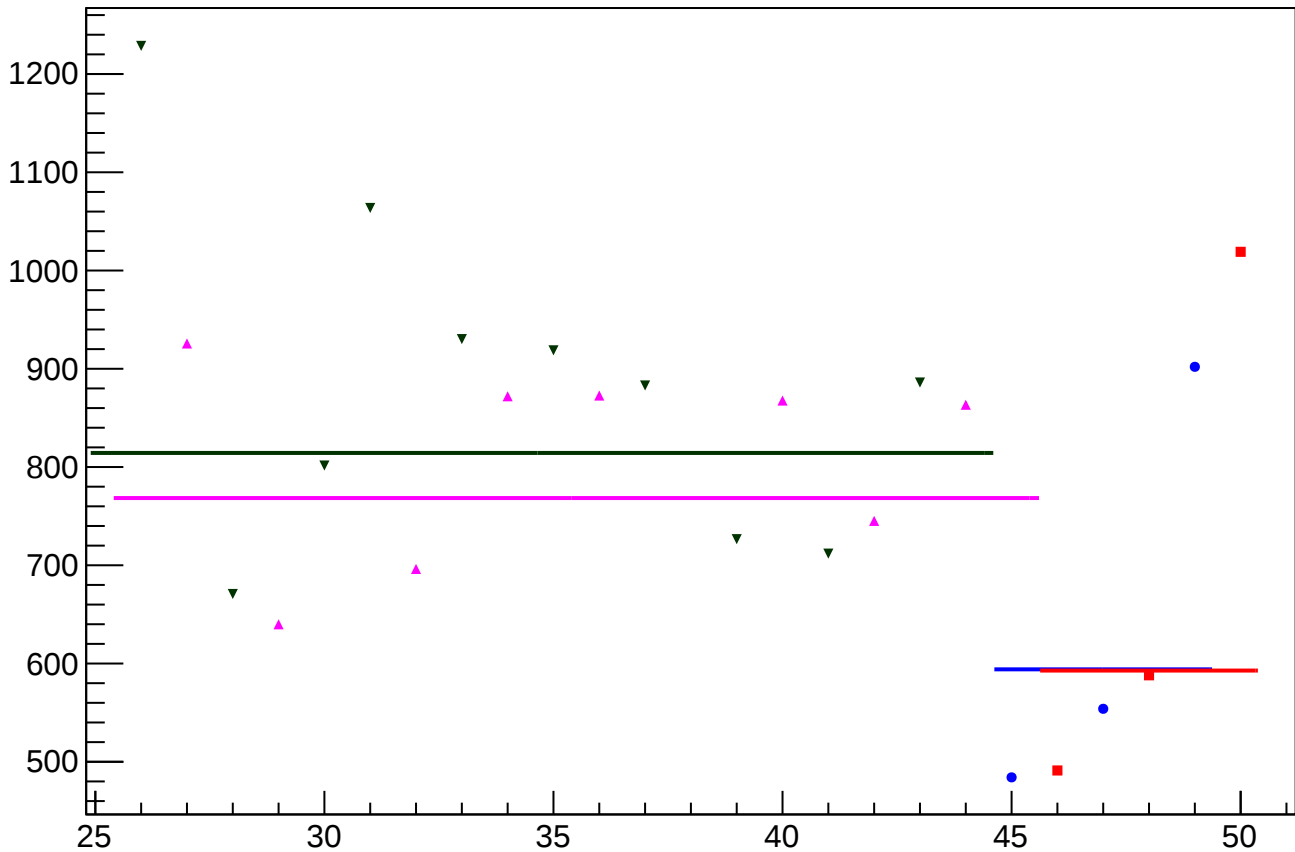
Left Out: 451.381+/-366.058 χ^2/NDF : 3.7/9

Right Out: 481.011+/-510.325 χ^2/NDF : 4.9/2

Left In: 1519.039+/-349.401 χ^2/NDF : 6.9/7

817.246+/-200.413 χ^2/NDF : 25.3/23

asym_atl_avg_rms vs slug



Right In: 594.083+/-0.304 χ^2/NDF : 283832.5/2

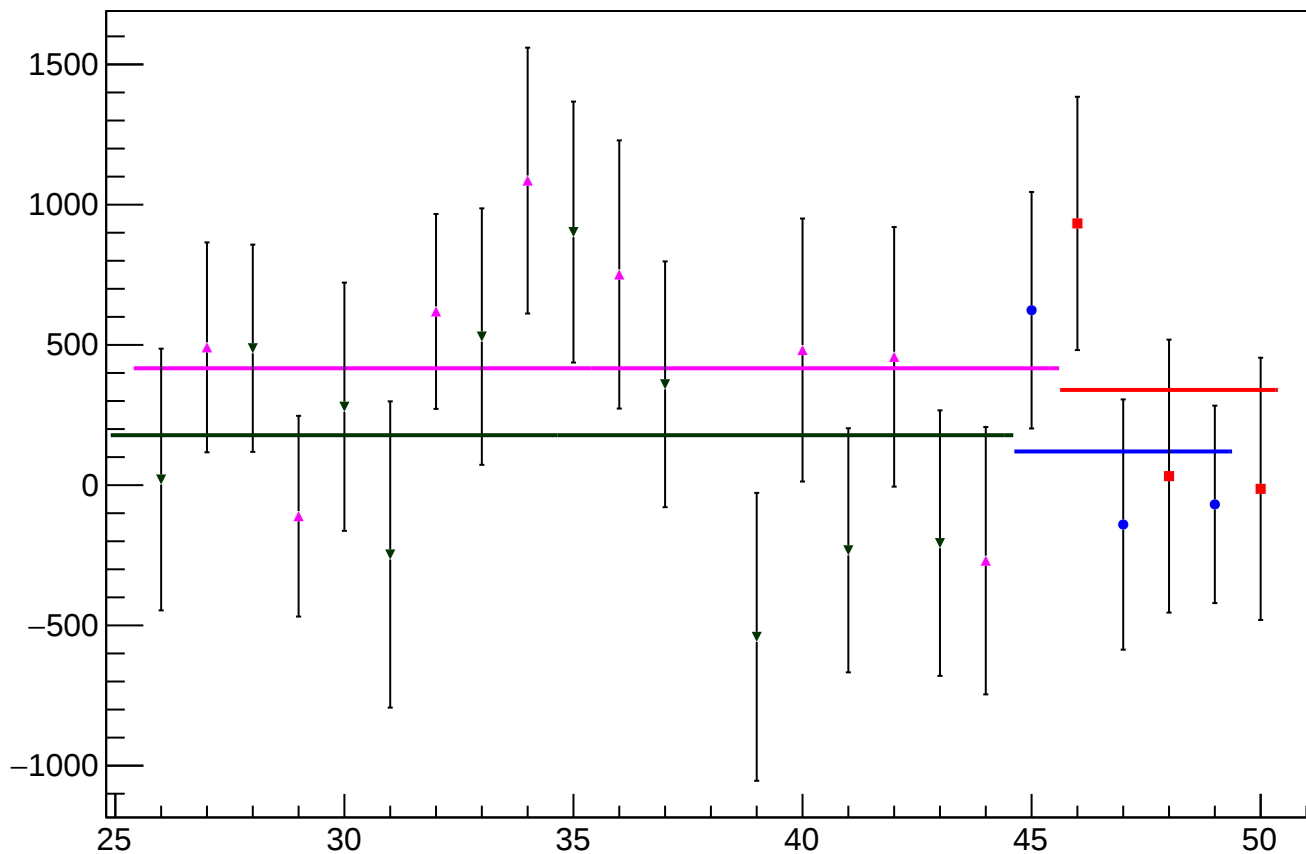
Left Out: 814.342+/-0.259 χ^2/NDF : 293767.4/9

Right Out: 592.842+/-0.361 χ^2/NDF : 233310.8/2

Left In: 768.425+/-0.247 χ^2/NDF : 183671.3/7

717.273+/-0.142 χ^2/NDF : 1460979.0/23

reg_asym_atl_dd_mean vs slug



Right In: 120.159 $\pm$ 231.095 χ^2 /NDF: 2.1/2

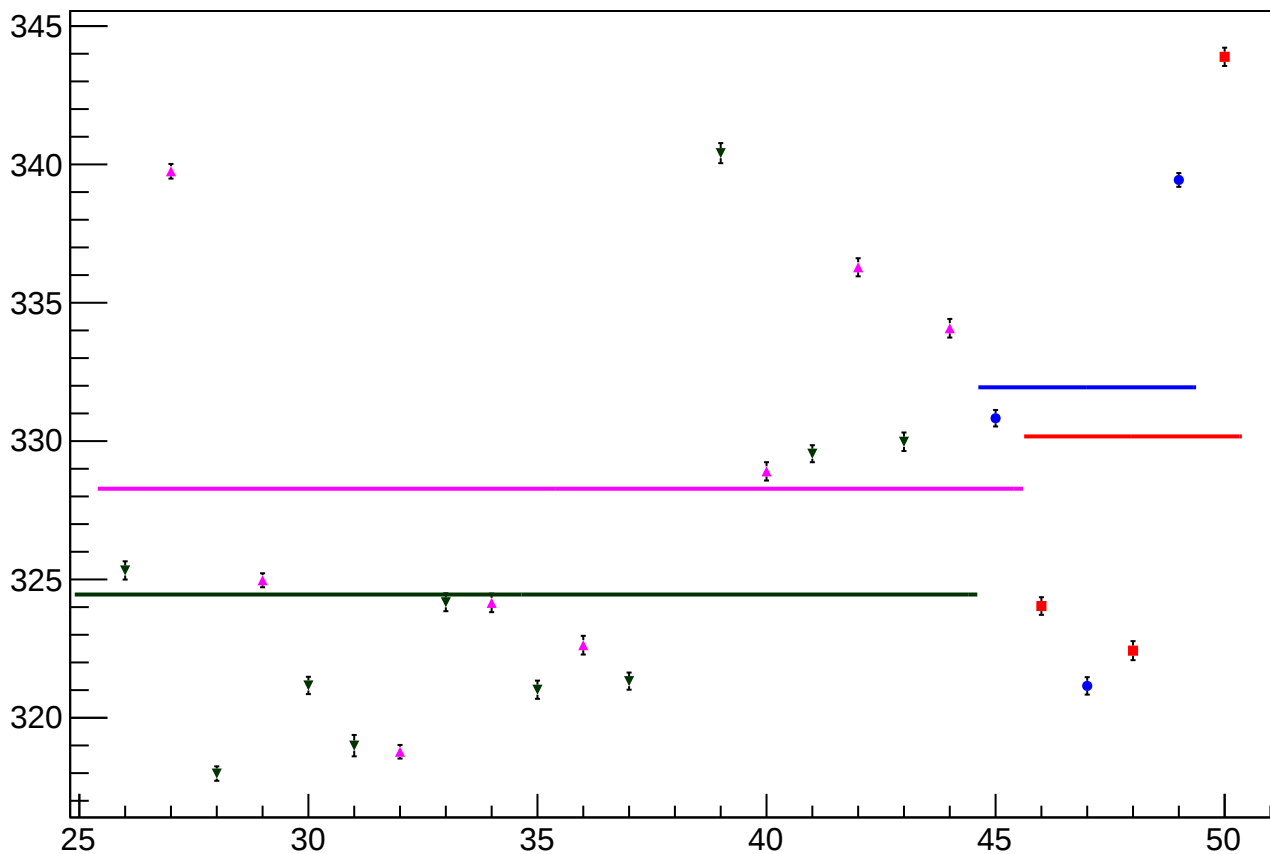
Left Out: 178.098 $\pm$ 143.538 χ^2 /NDF: 8.2/9

Right Out: 339.551 $\pm$ 270.132 χ^2 /NDF: 2.7/2

Left In: 416.758 $\pm$ 147.940 χ^2 /NDF: 7.1/7

273.097 $\pm$ 88.856 χ^2 /NDF: 21.9/23

reg_asym_atl_dd_rms vs slug



Right In: 331.944 $\pm$ 0.163 χ^2 /NDF: 2091.5/2

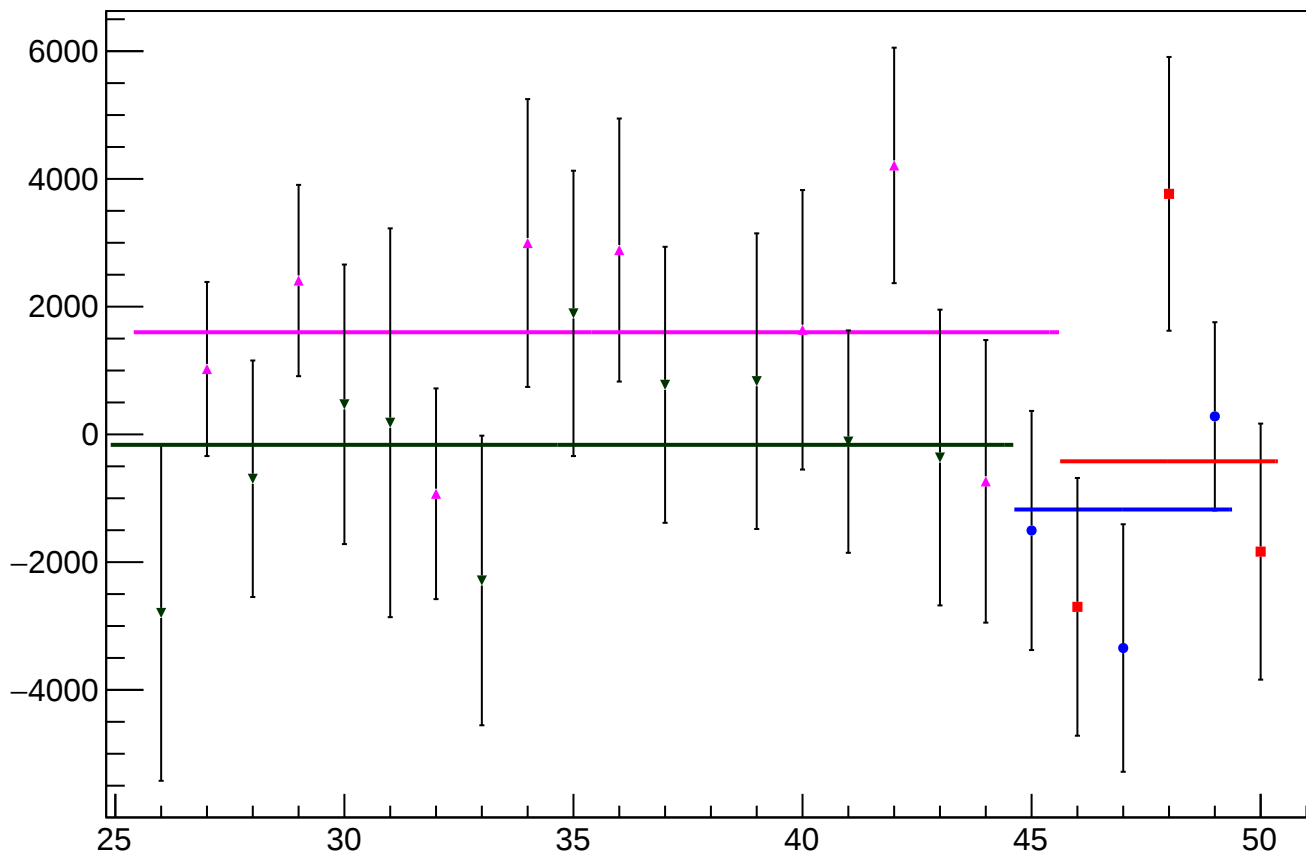
Left Out: 324.455 $\pm$ 0.101 χ^2 /NDF:3621.0/9

327.560 $\pm$ 0.063 χ^2 /NDF: 15077.9/23

Right Out: 330.169 $\pm$ 0.191 χ^2 /NDF: 2597.5/2

Left In: 328.279 $\pm$ 0.105 χ^2 /NDF:4878.6/7

asym_atl_dd_correction_mean vs slug



Right In: -1175.813+/-994.068 χ^2/NDF : 2.3/2

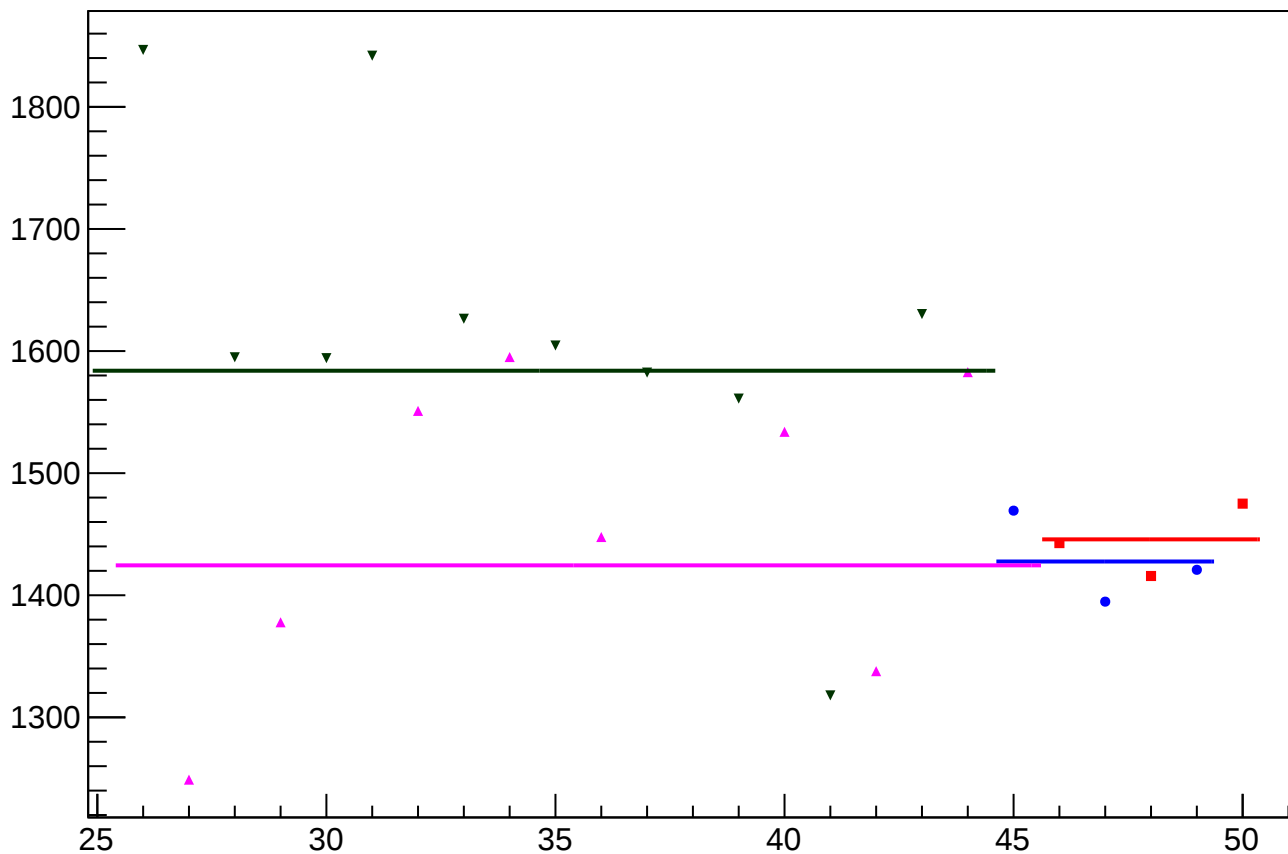
Left Out: -163.511+/-695.796 χ^2/NDF : 3.3/9

Right Out: -421.322+/-1184.962 χ^2/NDF : 5.6/2

Left In: 1599.395+/-633.470 χ^2/NDF : 6.7/7

343.537+/-398.989 χ^2/NDF : 25.1/23

asym_atl_dd_correction_rms vs slug



Right In: 1427.646+/-0.703 χ^2/NDF : 1608.5/2

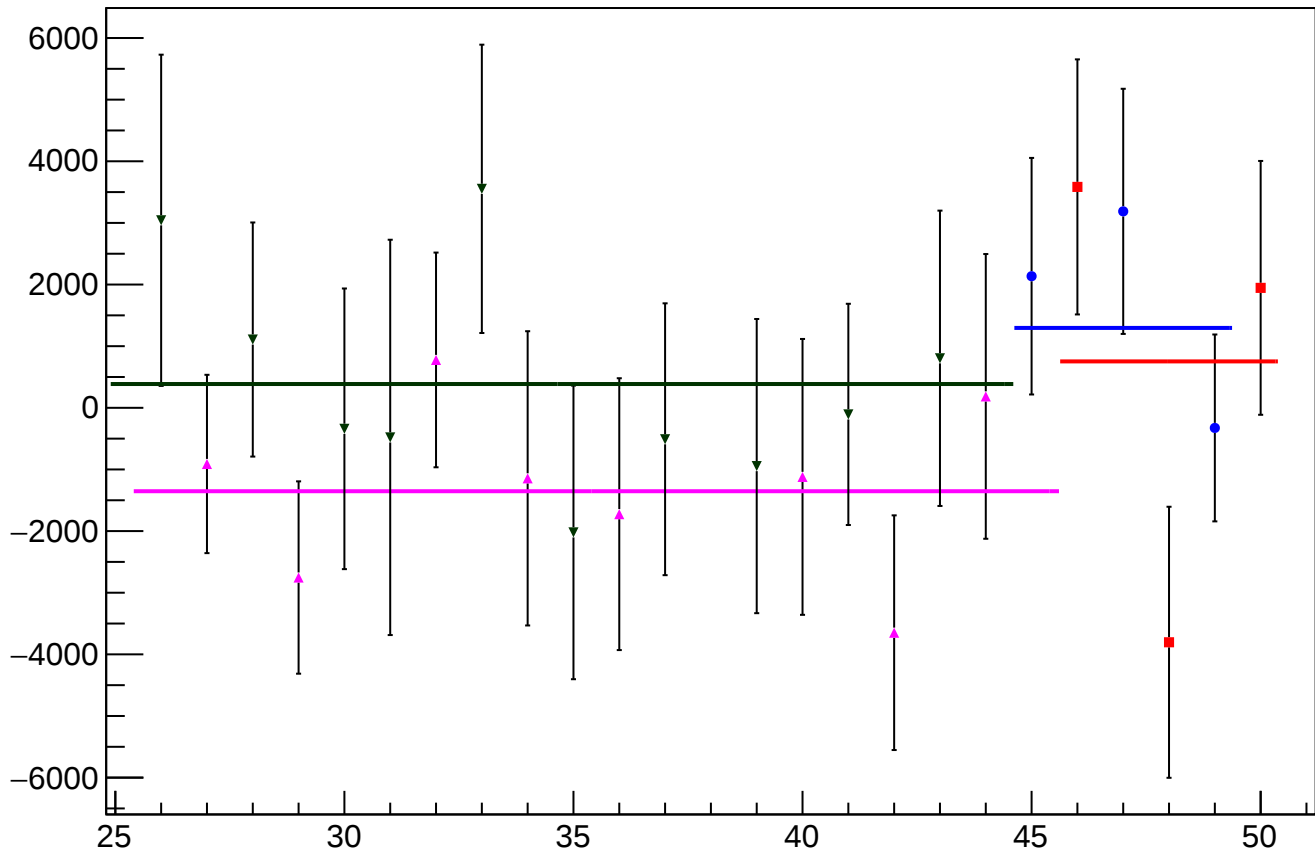
Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

Right Out: 1445.777+/-0.838 χ^2/NDF : 822.8/2

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1479.830+/-0.282 χ^2/NDF : 230868.9/23

asym_atl_dd_mean vs slug



Right In: 1296.274+/-1020.915 χ^2/NDF : 2.2/2

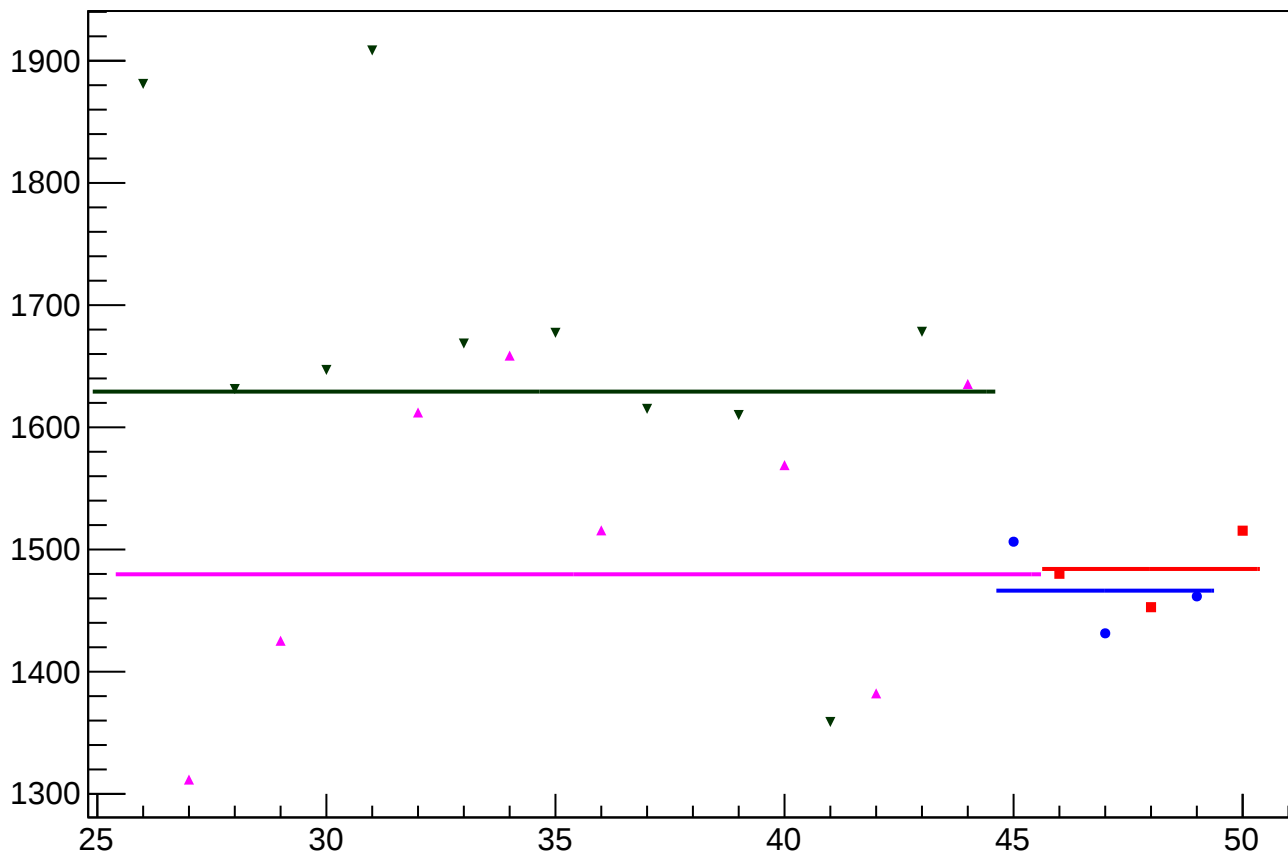
Left Out: 386.051+/-719.673 χ^2/NDF : 4.7/9

-96.663+/-414.201 χ^2/NDF : 24.2/23

Right Out: 752.987+/-1216.066 χ^2/NDF : 6.5/2

Left In: -1353.325+/-664.845 χ^2/NDF : 4.3/7

asym_atl_dd_rms vs slug



Right In: 1466.338+/-0.722 χ^2/NDF : 1507.1/2

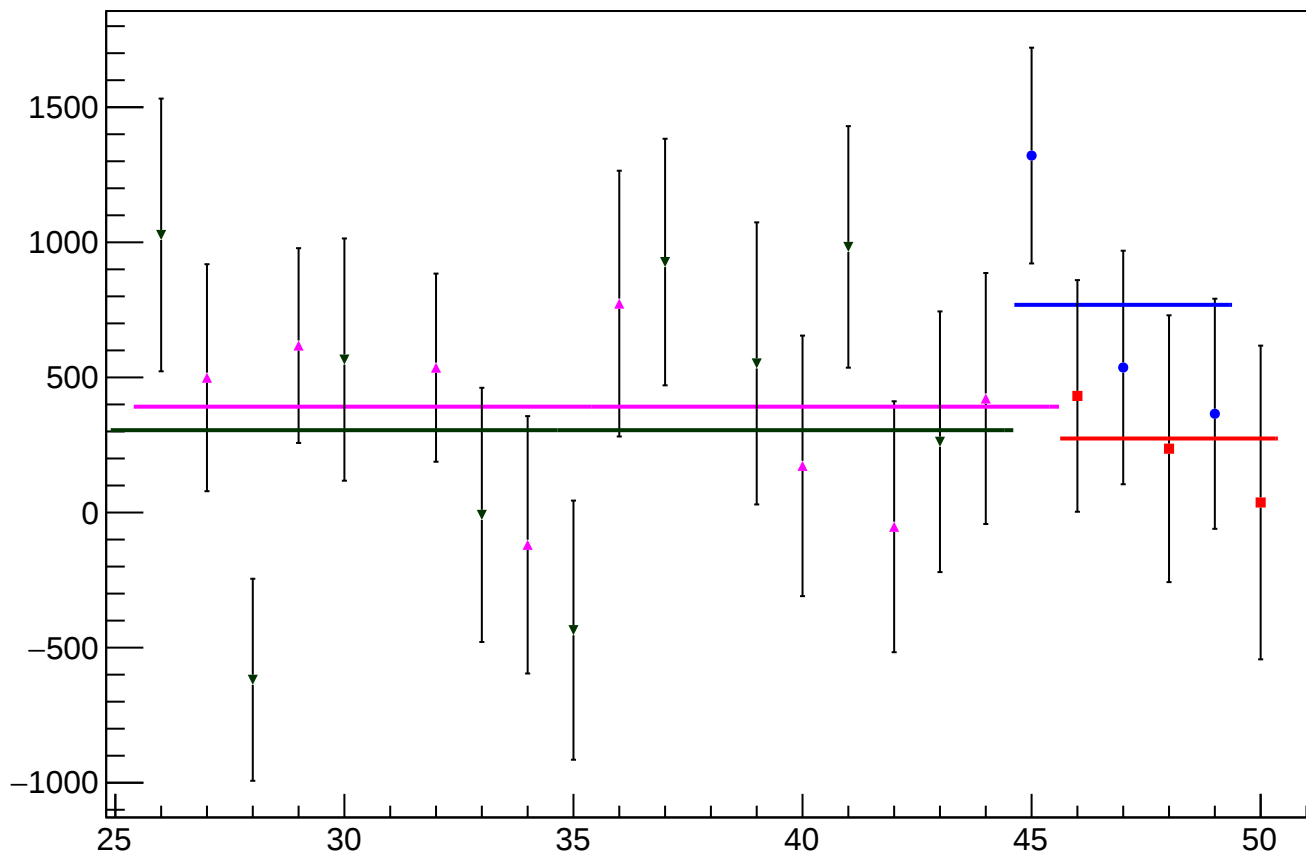
Left Out: 1629.236+/-0.509 χ^2/NDF : 80669.5/9

Right Out: 1484.086+/-0.860 χ^2/NDF : 874.9/2

Left In: 1479.724+/-0.470 χ^2/NDF : 70261.1/7

1527.552+/-0.293 χ^2/NDF : 213335.2/23

reg_asym_atr_avg_mean vs slug



Right In: 768.597 ± 241.521 $\chi^2/\text{NDF}: 3.1/2$

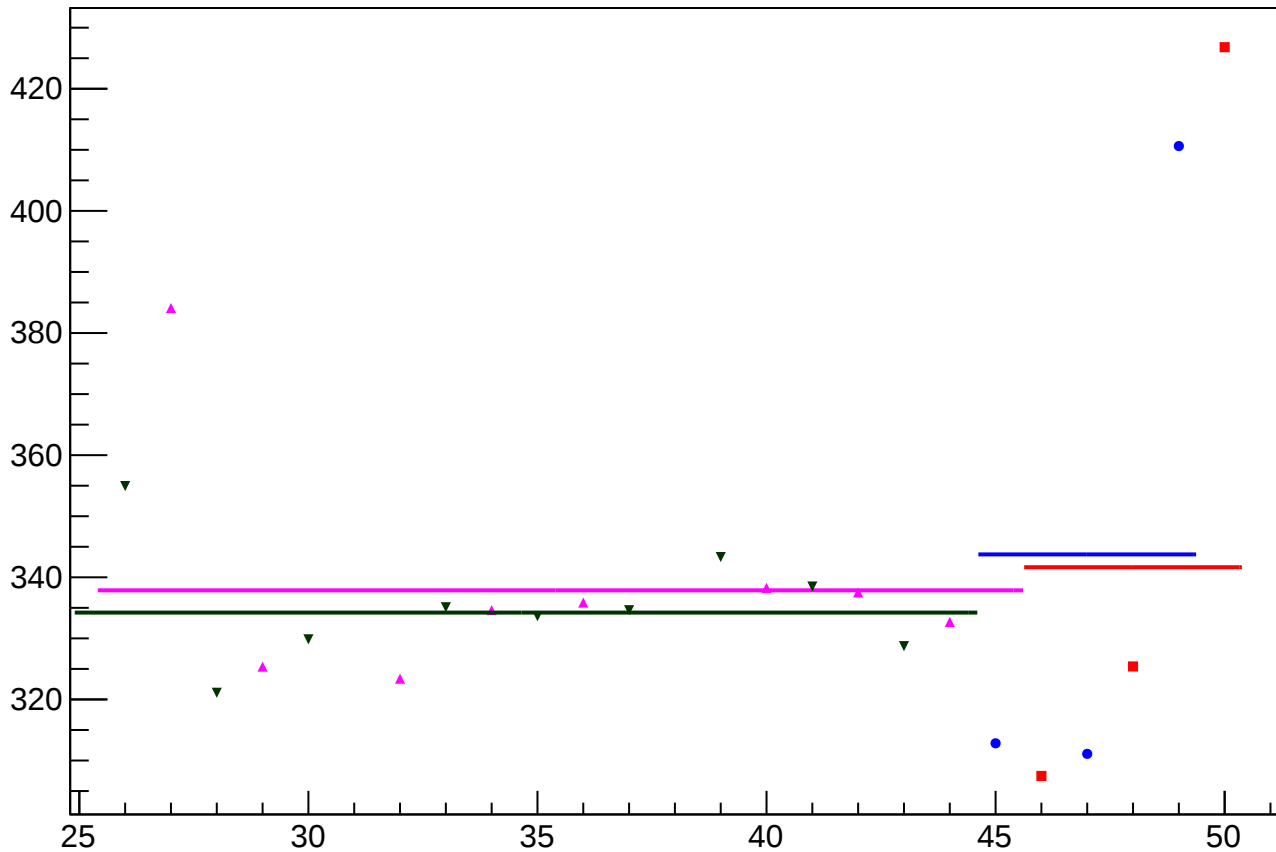
Left Out: 304.753 ± 153.029 $\chi^2/\text{NDF}: 15.7/8$

Right Out: 273.953 ± 282.707 $\chi^2/\text{NDF}: 0.3/2$

Left In: 391.742 ± 151.210 $\chi^2/\text{NDF}: 3.5/7$

402.699 ± 92.810 $\chi^2/\text{NDF}: 25.6/22$

reg_asym_atr_avg_rms vs slug



Right In: 343.749+/-0.171 χ^2/NDF : 72752.2/2

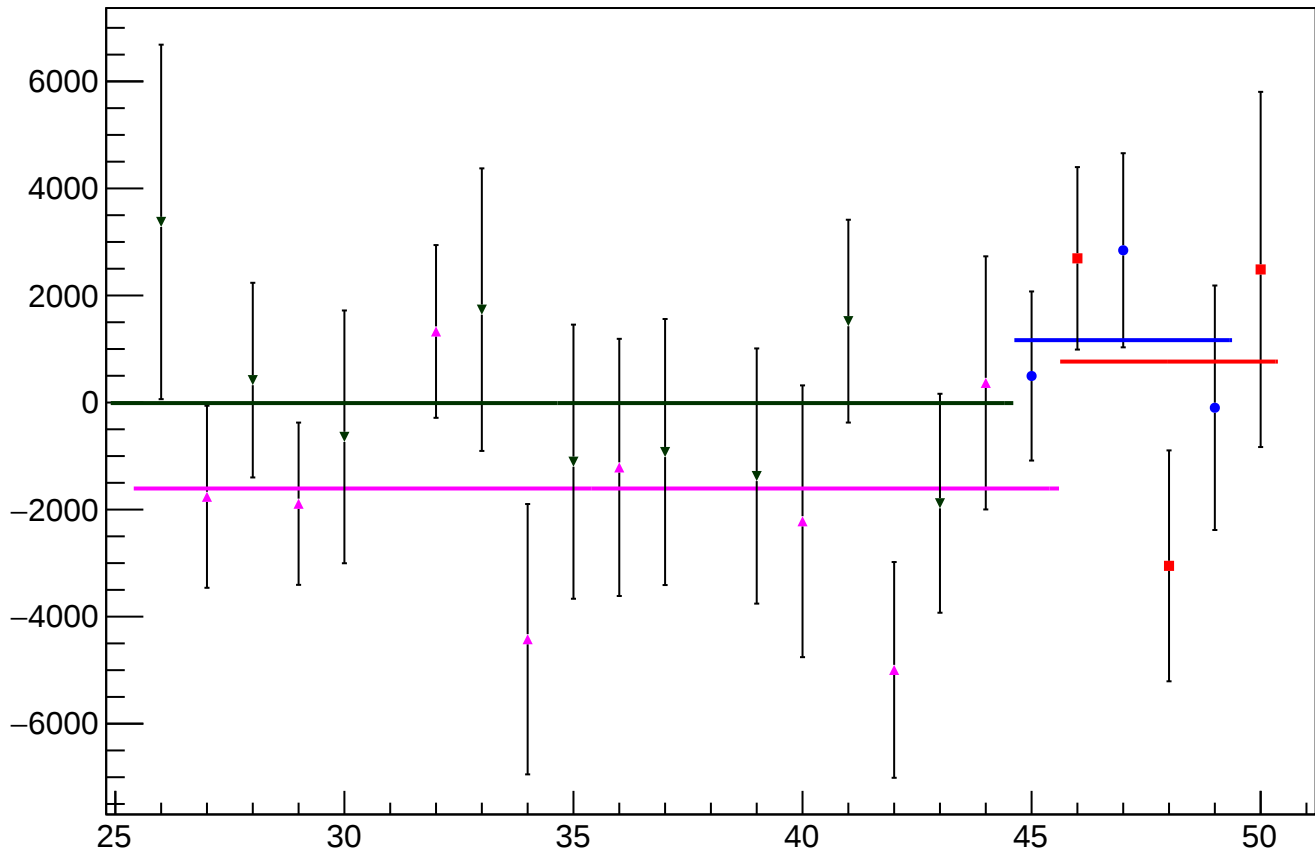
Left Out: 334.224+/-0.108 χ^2/NDF : 7088.3/8

337.805+/-0.066 χ^2/NDF : 170895.4/22

Right Out: 341.653+/-0.200 χ^2/NDF : 57916.2/2

Left In: 337.871+/-0.107 χ^2/NDF : 30461.2/7

asym_atr_avg_correction_mean vs slug



Right In: 1165.518 $\pm$ 1056.112 χ^2 /NDF: 1.3/2

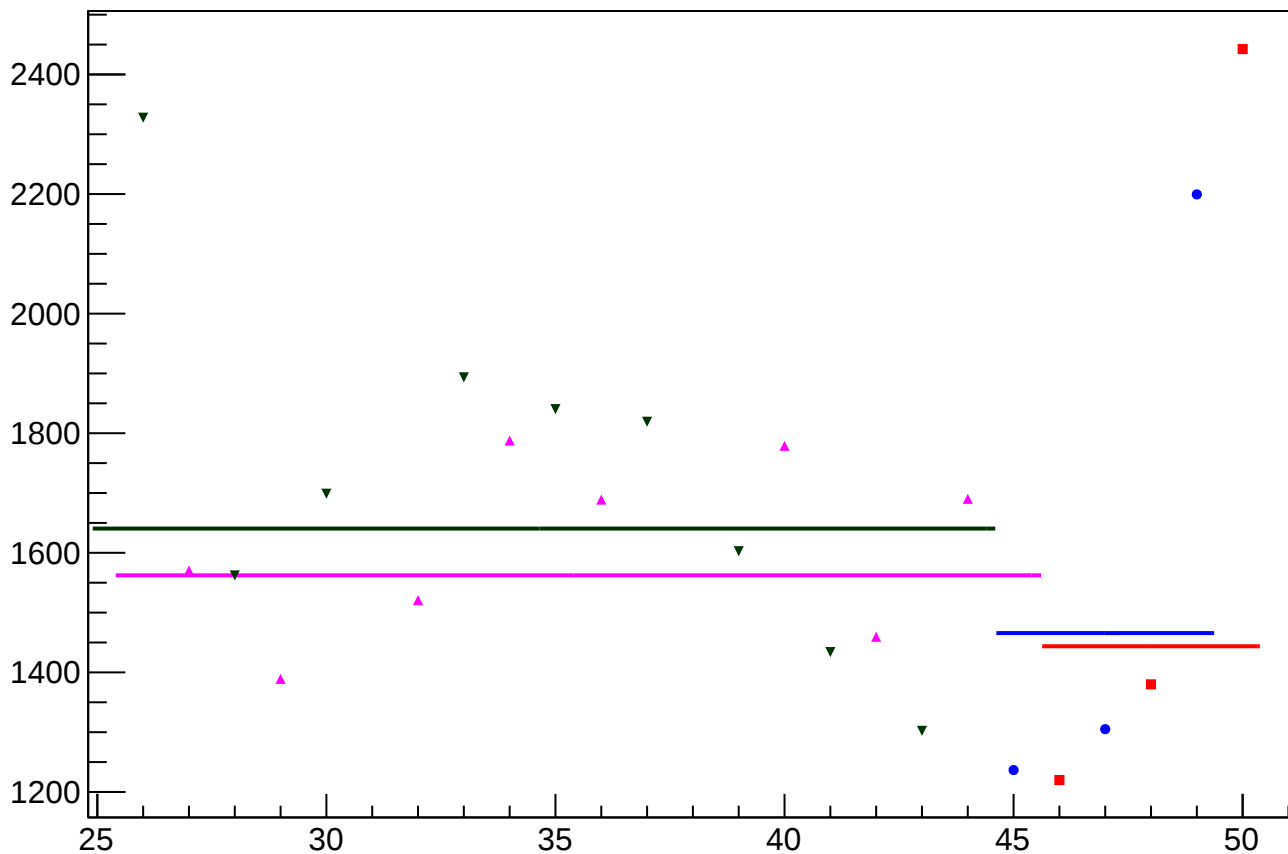
Left Out: -10.269 $\pm$ 761.494 χ^2 /NDF: 3.7/8

-338.252 $\pm$ 432.491 χ^2 /NDF: 24.3/22

Right Out: 765.182 $\pm$ 1240.372 χ^2 /NDF: 4.7/2

Left In: -1606.123 $\pm$ 694.183 χ^2 /NDF: 8.2/7

asym_atr_avg_correction_rms vs slug



Right In: 1465.735 $\pm$ 0.747 χ^2 /NDF: 264131.6/2

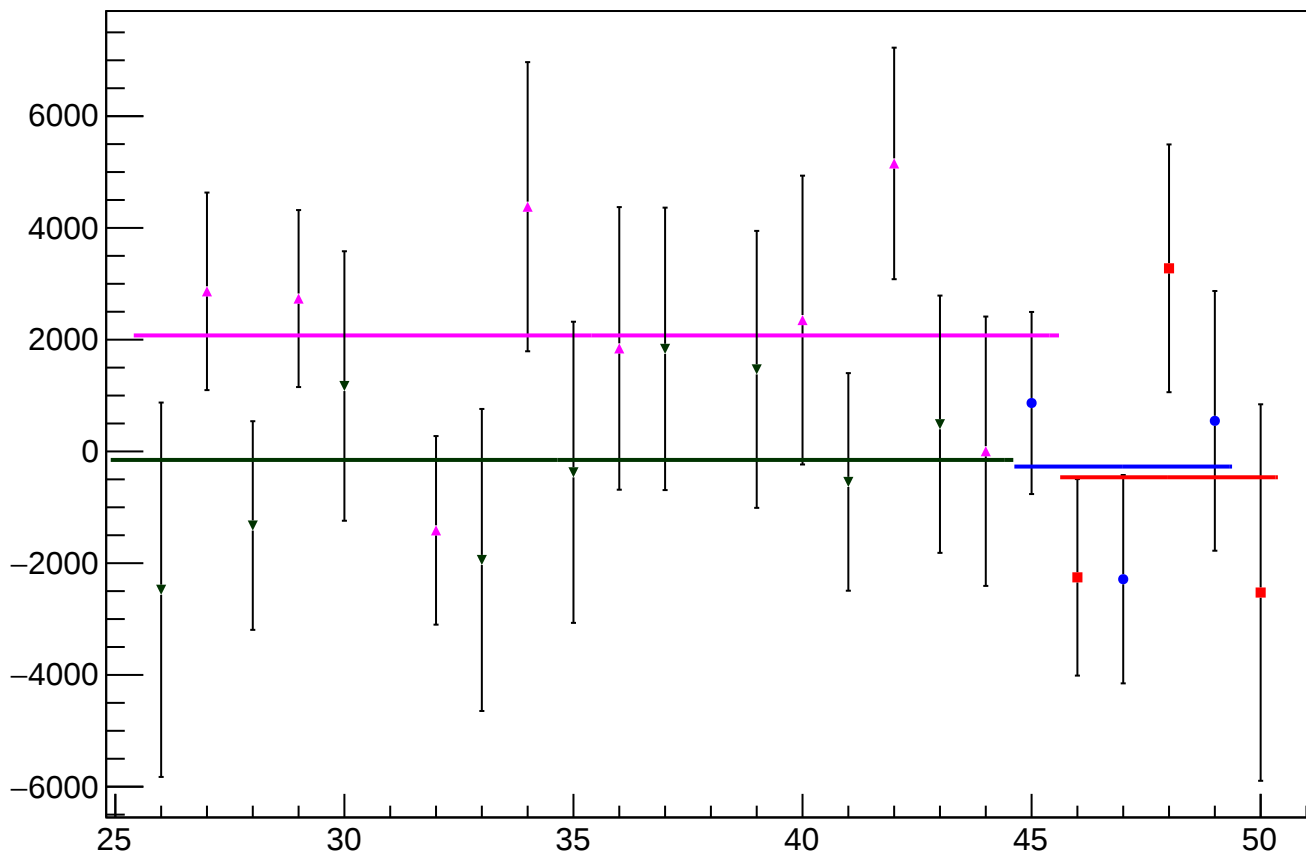
Left Out: 1640.545 $\pm$ 0.538 χ^2 /NDF: 210924.6/8

Right Out: 1443.692 $\pm$ 0.877 χ^2 /NDF: 217445.4/2

Left In: 1562.373 $\pm$ 0.491 χ^2 /NDF: 74594.6/7

1556.954 $\pm$ 0.306 χ^2 /NDF: 822914.5/22

asym_atr_avg_mean vs slug



Right In: -270.841+/-1085.024 χ^2/NDF : 1.8/2

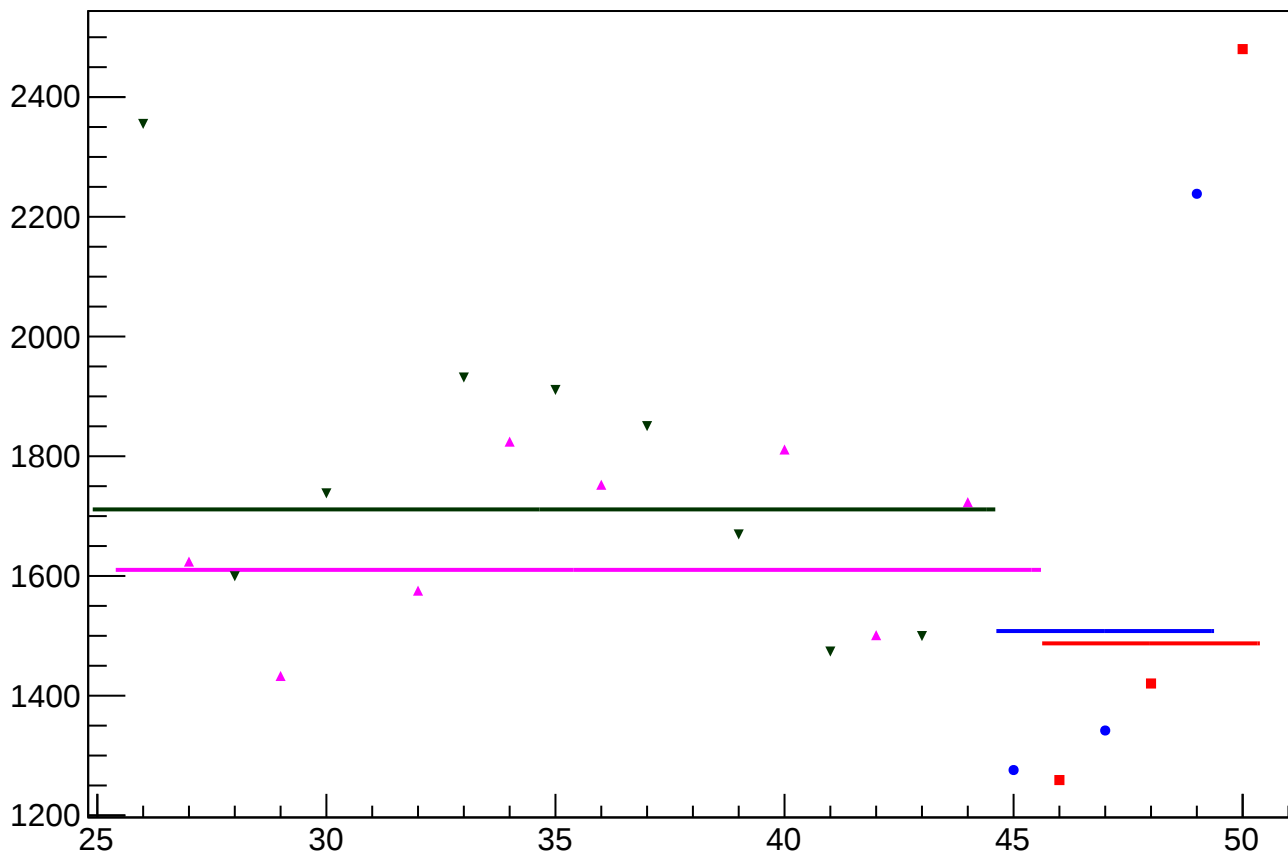
Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

Right Out: -462.542+/-1275.283 χ^2/NDF : 4.3/2

Left In: 2075.972+/-719.755 χ^2/NDF : 8.4/7

651.474+/-447.708 χ^2/NDF : 23.7/22

asym_atr_avg_rms vs slug



Right In: 1507.988+/-0.767 χ^2/NDF : 254060.5/2

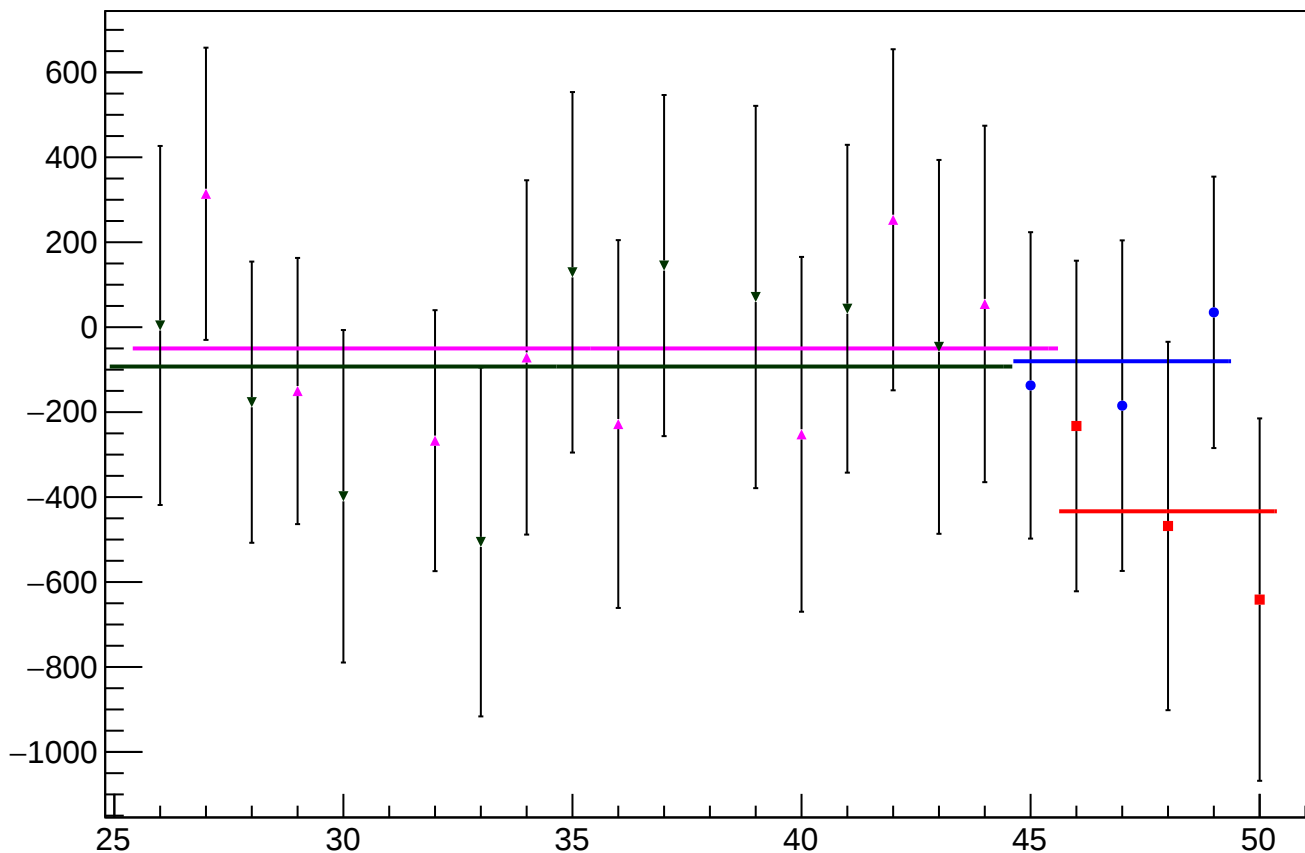
Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

Right Out: 1487.391+/-0.902 χ^2/NDF : 209196.6/2

Left In: 1610.194+/-0.509 χ^2/NDF :68104.2/7

1609.933+/-0.317 χ^2/NDF : 758998.0/22

reg_asym_atr_dd_mean vs slug



Right In: -80.172+/-203.766 χ^2/NDF : 0.2/2

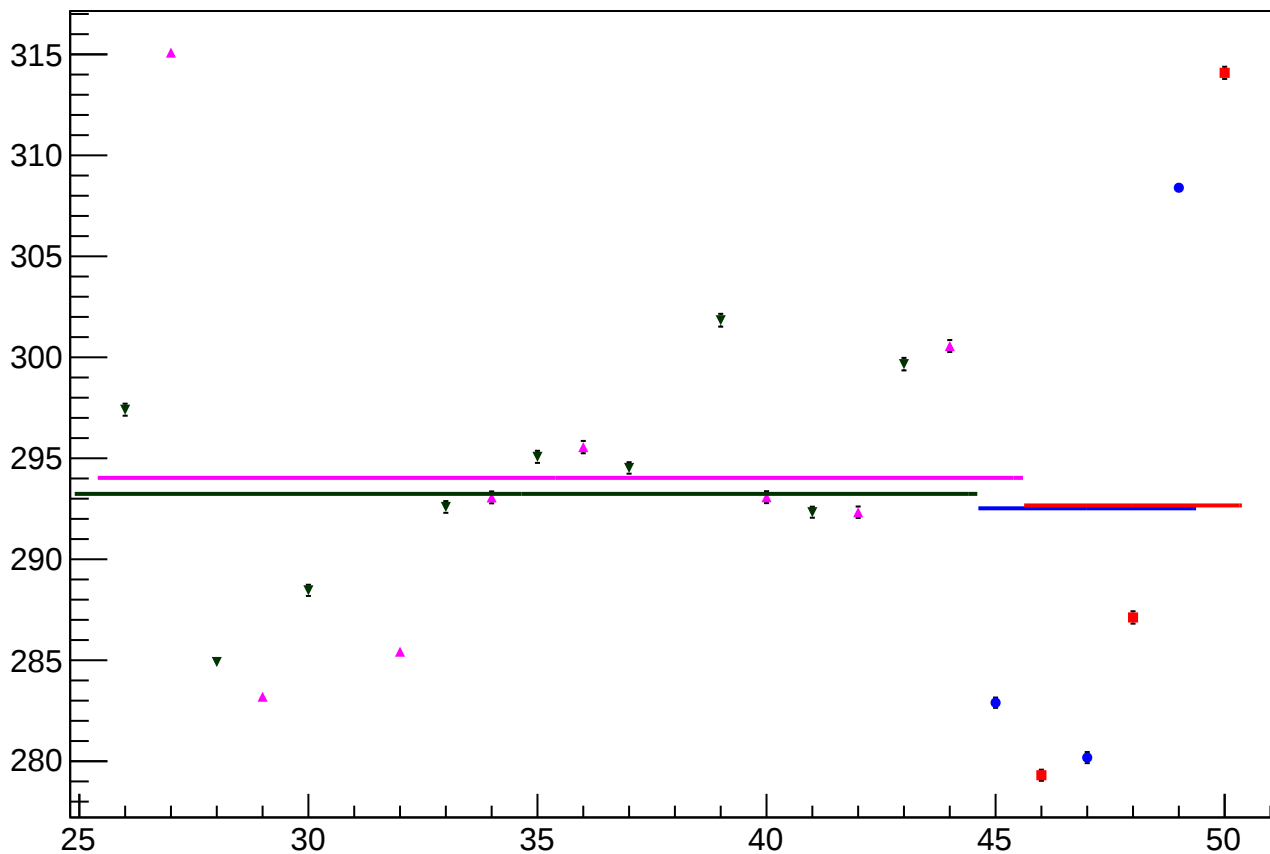
Left Out: -92.623+/-133.933 χ^2/NDF : 2.6/8

Right Out: -433.474+/-239.627 χ^2/NDF : 0.5/2

Left In: -50.044+/-131.389 χ^2/NDF : 2.8/7

-113.049+/-80.277 χ^2/NDF : 8.2/22

reg_asym_atr_dd_rms vs slug



Right In: 292.523+/-0.144 χ^2/NDF : 8371.1/2

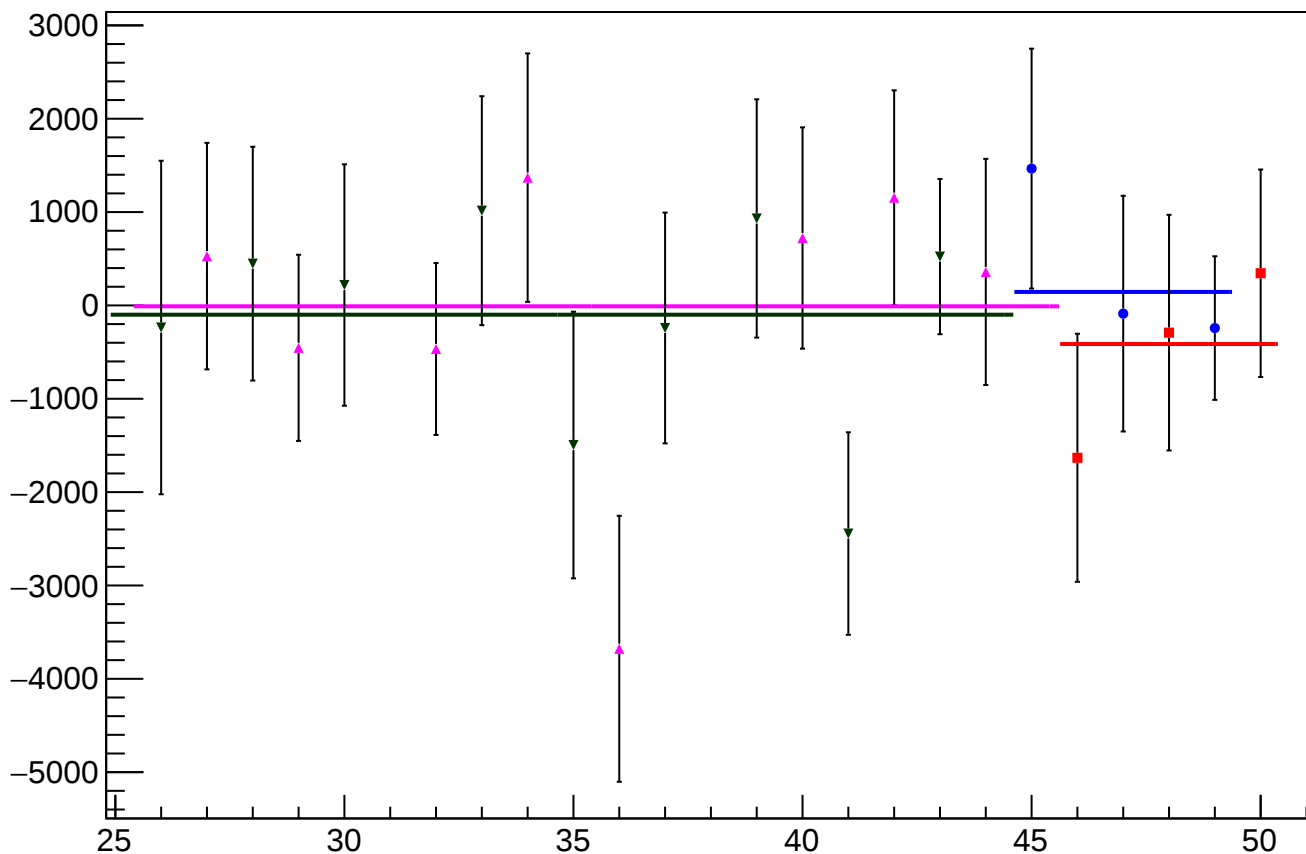
Left Out: 293.238+/-0.095 χ^2/NDF : 2987.1/8

Right Out: 292.666+/-0.169 χ^2/NDF : 7726.4/2

Left In: 294.031+/-0.093 χ^2/NDF : 12021.0/7

293.359+/-0.057 χ^2/NDF : 31210.0/22

asym_atr_dd_correction_mean vs slug



Right In: 144.582 +/- 584.960 χ^2/NDF : 1.3/2

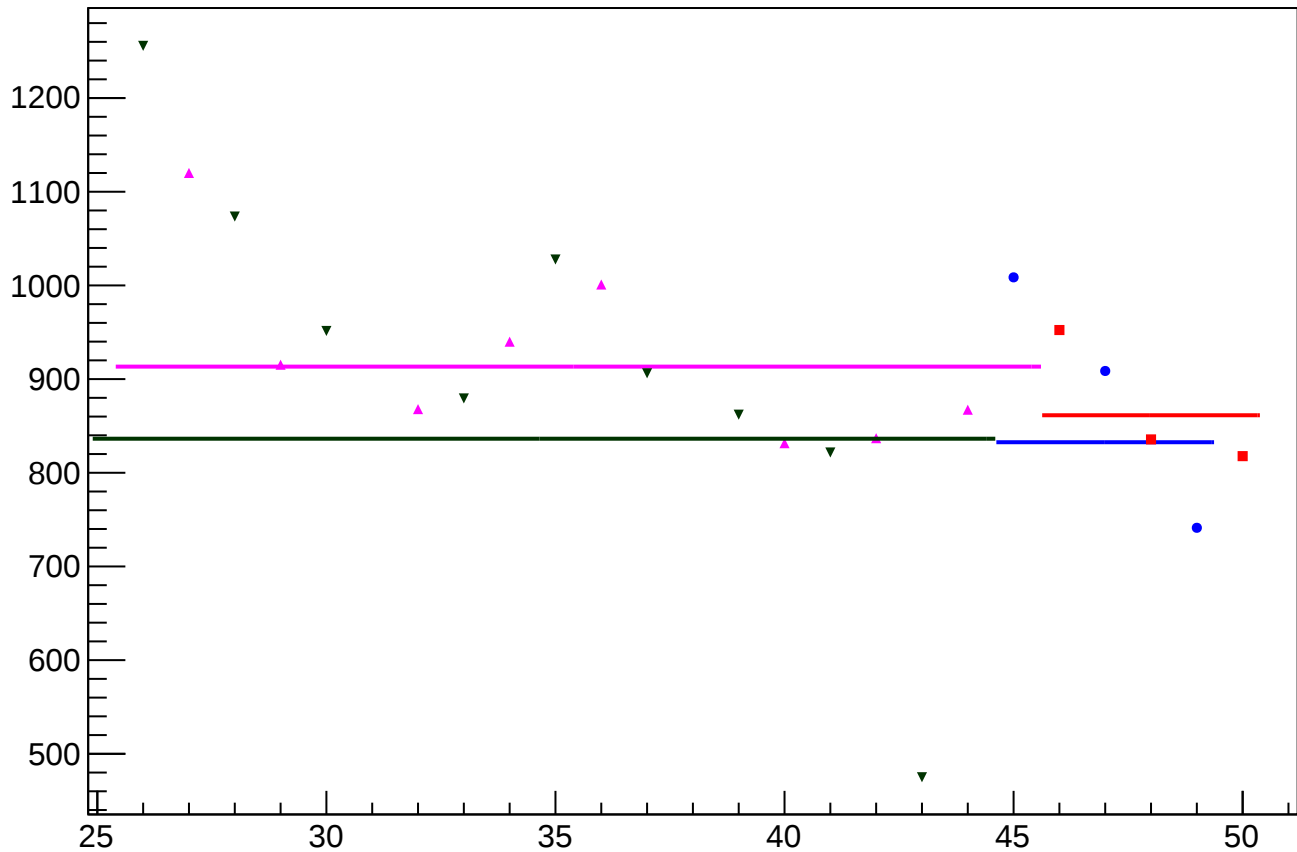
Left Out: -99.338 +/- 399.387 χ^2/NDF : 7.9/8

Right Out: -413.436 +/- 706.403 χ^2/NDF : 1.3/2

Left In: -9.316 +/- 405.898 χ^2/NDF : 9.8/7

-62.860 +/- 240.665 χ^2/NDF : 20.8/22

asym_atr_dd_correction_rms vs slug



Right In: 832.615 $\pm$ 0.414 χ^2 /NDF: 72966.8/2

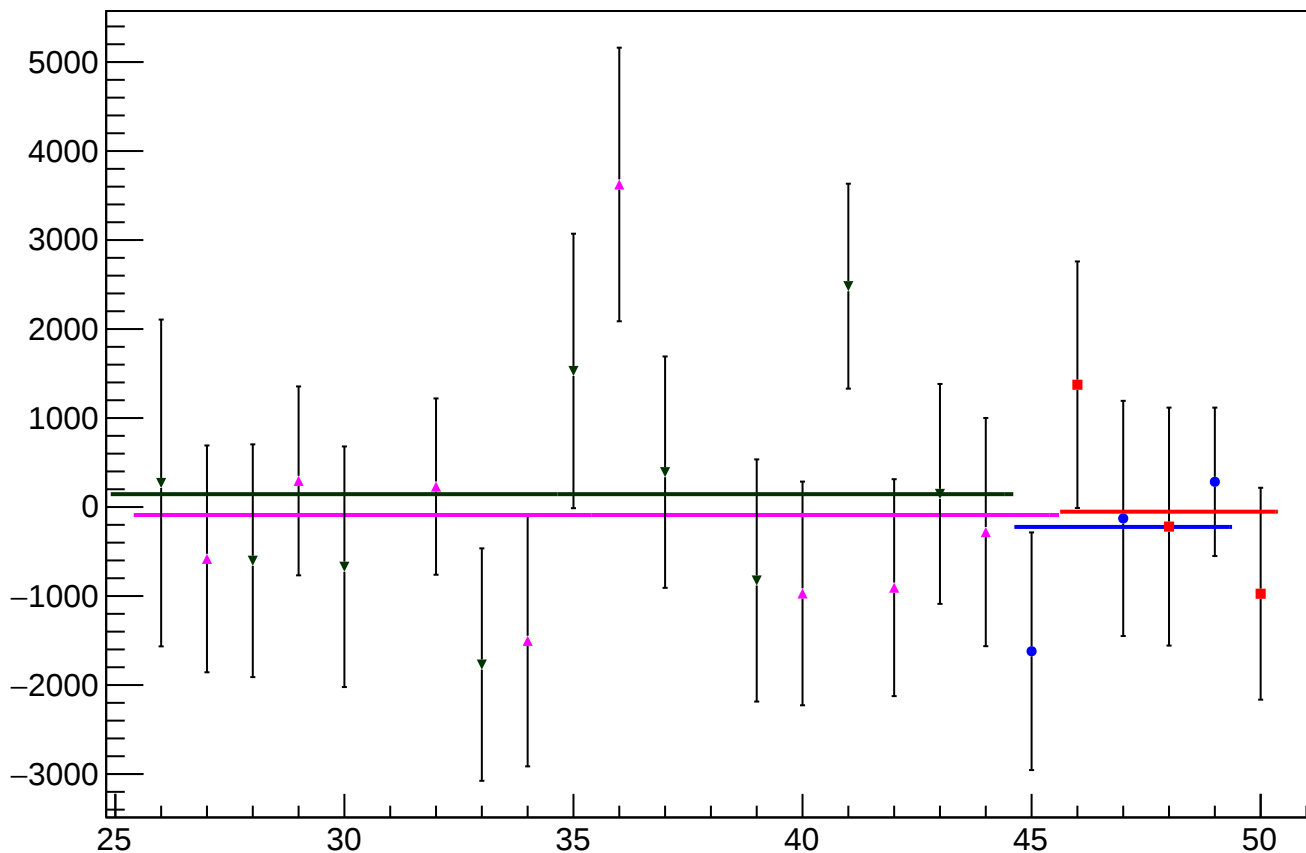
Left Out: 836.361 $\pm$ 0.282 χ^2 /NDF: 621502.5/8

Right Out: 861.403 $\pm$ 0.500 χ^2 /NDF: 13296.9/2

Left In: 913.324 $\pm$ 0.287 χ^2 /NDF: 92509.5/7

865.690 $\pm$ 0.170 χ^2 /NDF: 845073.0/22

asym_atr_dd_mean vs slug



Right In: -223.472+/-623.554 χ^2/NDF : 1.5/2

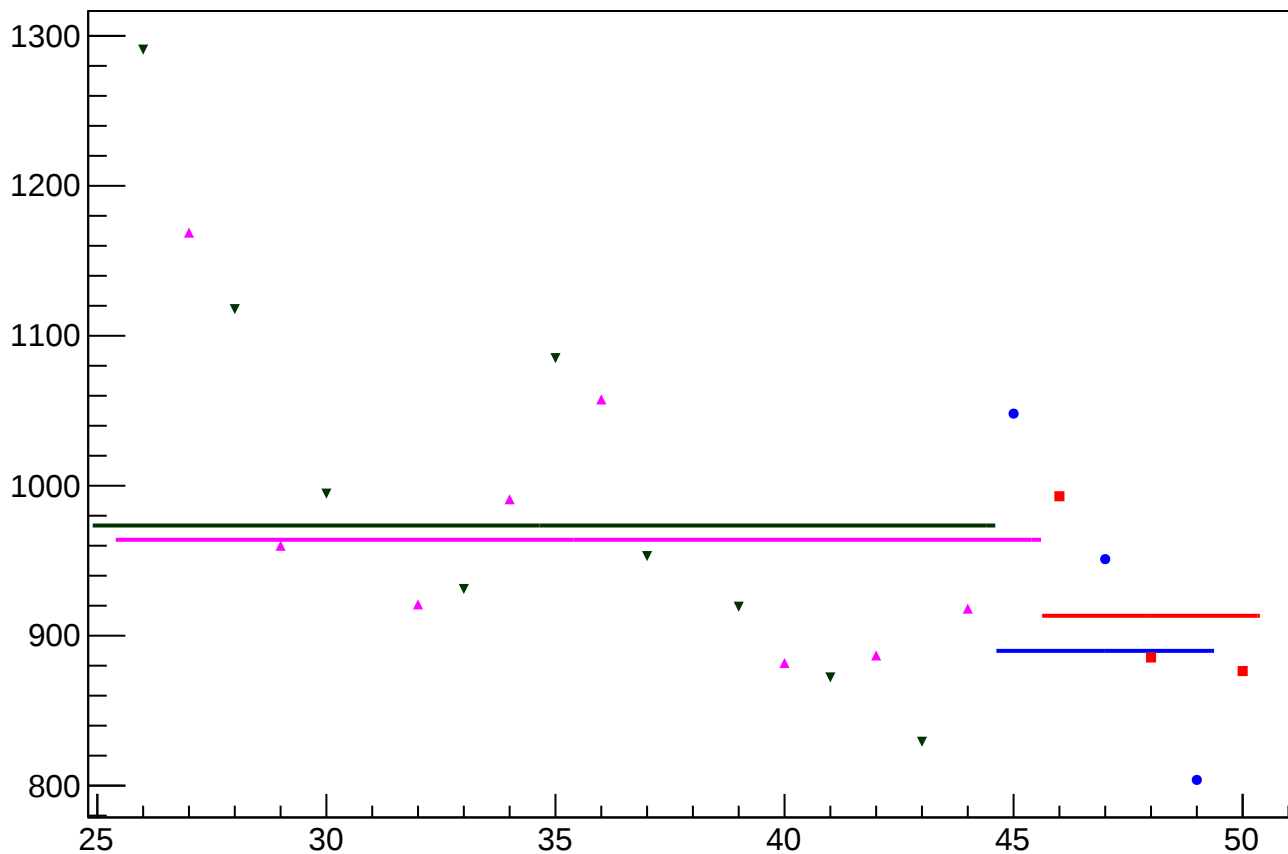
Left Out: 144.740+/-448.245 χ^2/NDF : 8.3/8

Right Out: -52.235+/-748.261 χ^2/NDF : 1.7/2

Left In: -89.559+/-431.788 χ^2/NDF : 8.2/7

-29.120+/-260.833 χ^2/NDF : 19.9/22

asym_atr_dd_rms vs slug



Right In: 889.881+/-0.441 χ^2/NDF : 53676.3/2

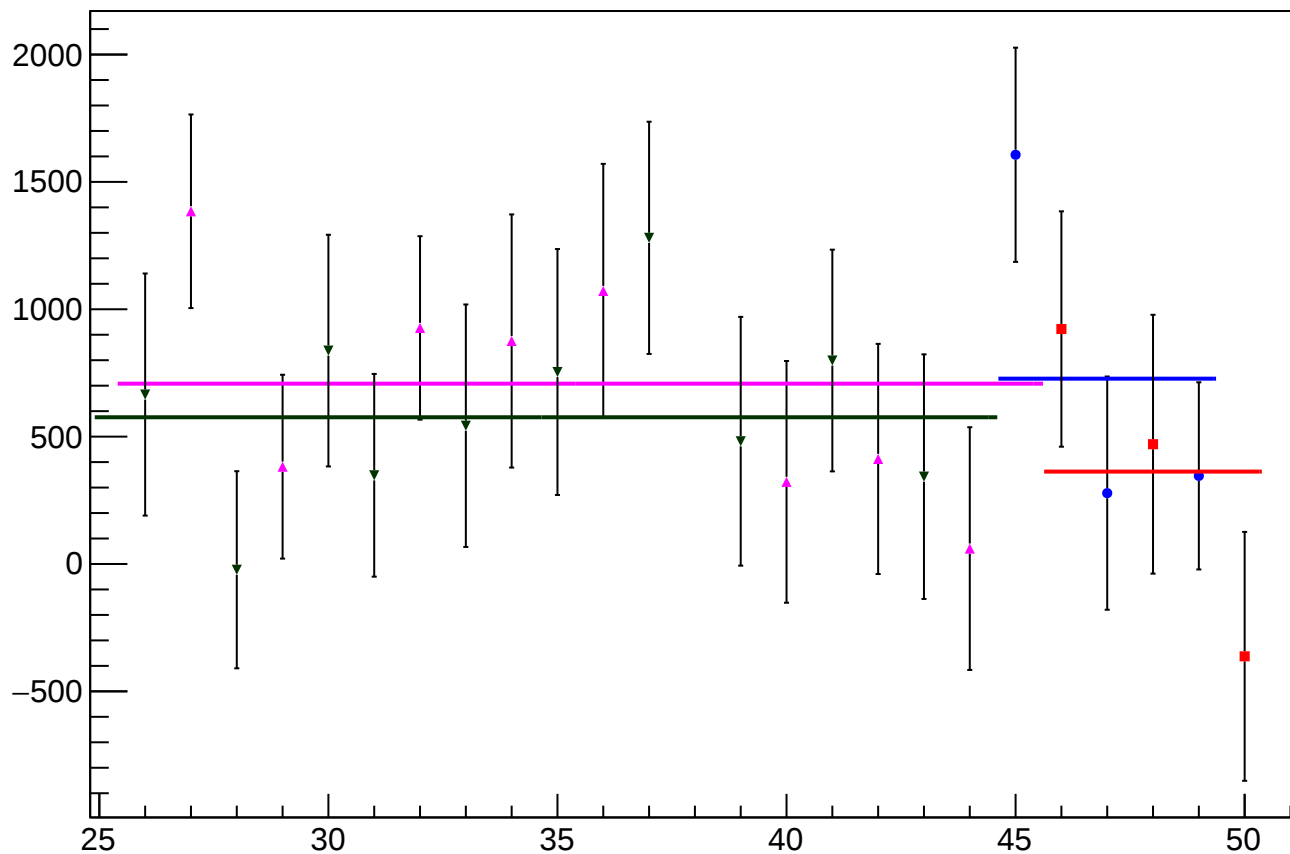
Left Out: 973.478+/-0.317 χ^2/NDF :143582.3/8

Right Out: 913.276+/-0.529 χ^2/NDF : 9405.6/2

Left In: 963.964+/-0.305 χ^2/NDF :82771.8/7

948.064+/-0.184 χ^2/NDF : 320312.7/22

reg_asym_at1_avg_mean vs slug



Right In: 727.534 $\pm$ 236.789 χ^2/NDF : 6.4/2

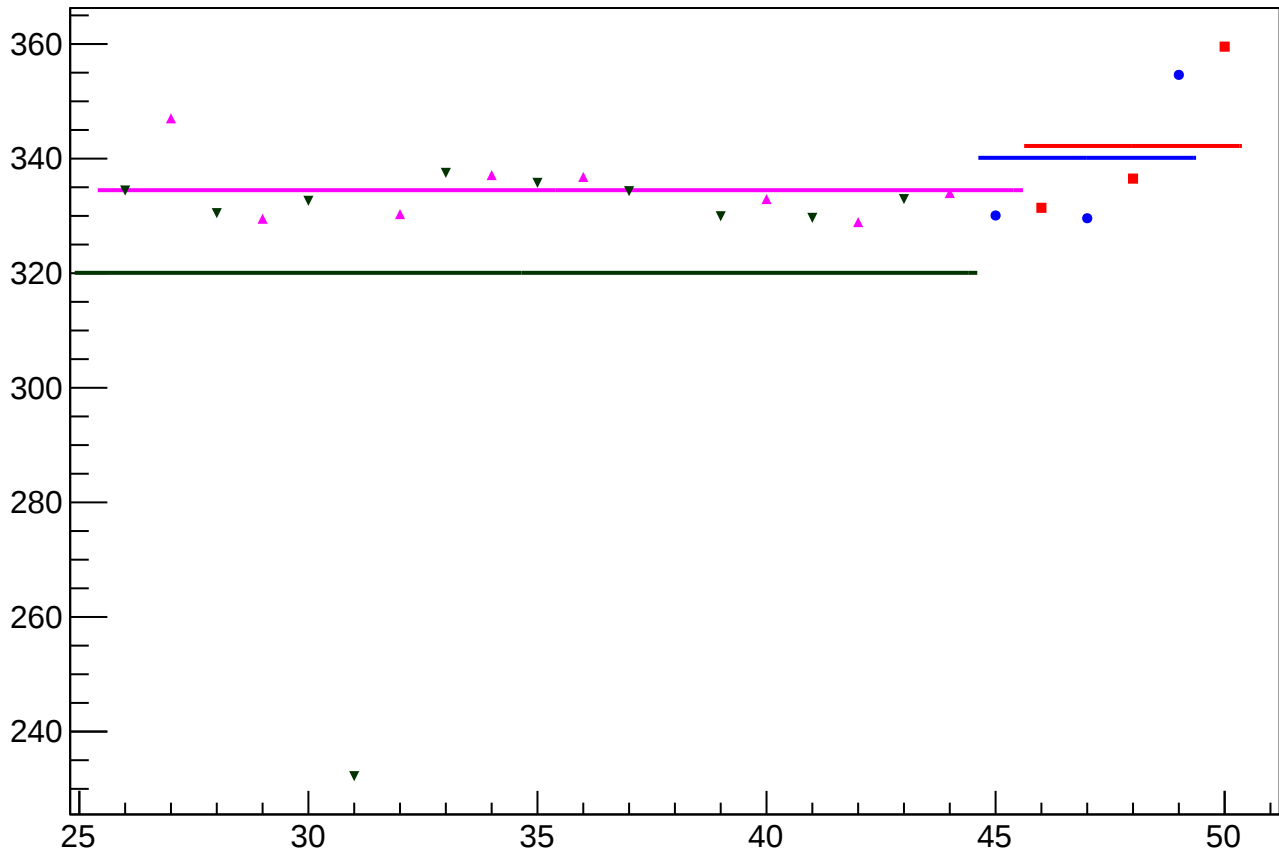
Left Out: 575.997 $\pm$ 142.011 χ^2/NDF : 6.2/9

Right Out: 362.724 $\pm$ 280.085 χ^2/NDF : 3.7/2

Left In: 707.882 $\pm$ 150.536 χ^2/NDF : 7.9/7

622.691 $\pm$ 89.695 χ^2/NDF : 25.7/23

reg_asym_at1_avg_rms vs slug



Right In: 340.140+/-0.167 χ^2/NDF : 5312.3/2

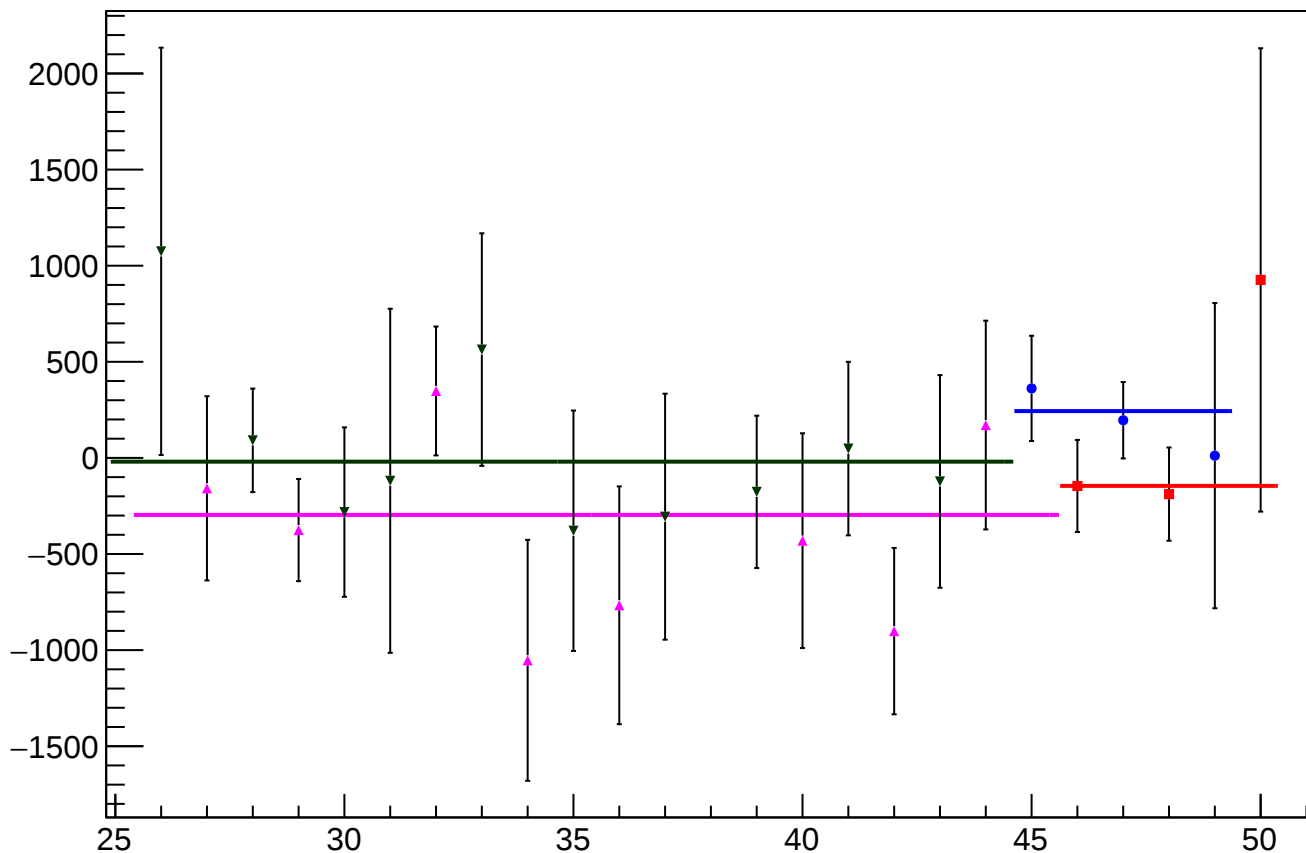
Left Out: 320.067+/-0.100 χ^2/NDF : 112253.2/9

Right Out: 342.206+/-0.198 χ^2/NDF : 3860.7/2

Left In: 334.490+/-0.106 χ^2/NDF : 3253.4/7

330.338+/-0.063 χ^2/NDF : 143680.9/23

asym_at1_avg_correction_mean vs slug



Right In: 243.562 $\pm$ 157.615 χ^2 /NDF: 0.3/2

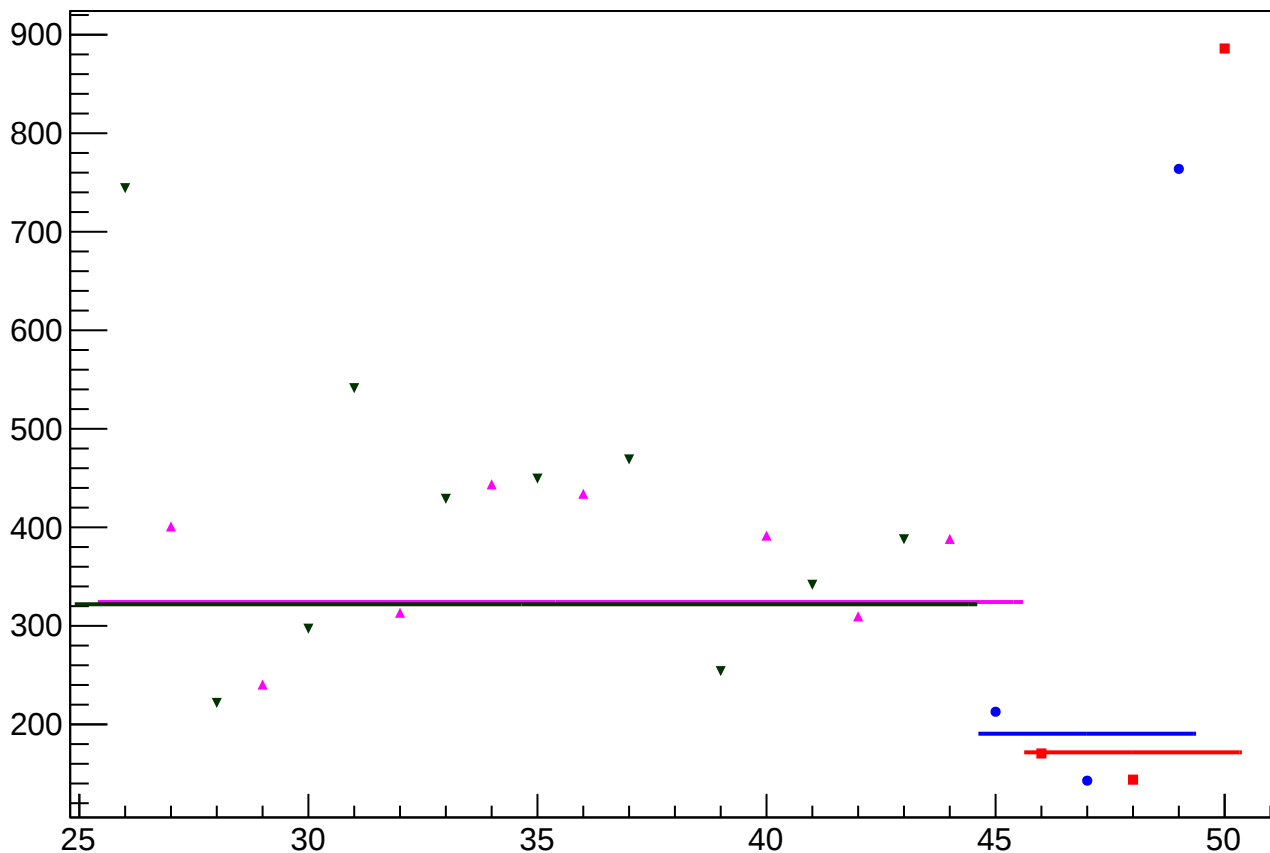
Left Out: -19.517 $\pm$ 151.896 χ^2 /NDF:3.3/9

Right Out: -145.520 $\pm$ 168.785 χ^2 /NDF: 0.8/2

Left In: -296.652 $\pm$ 149.919 χ^2 /NDF:8.7/7

-57.287 $\pm$ 78.280 χ^2 /NDF: 19.6/23

asym_at1_avg_correction_rms vs slug



Right In: 190.530+/-0.111 χ^2/NDF : 1171165.7/2

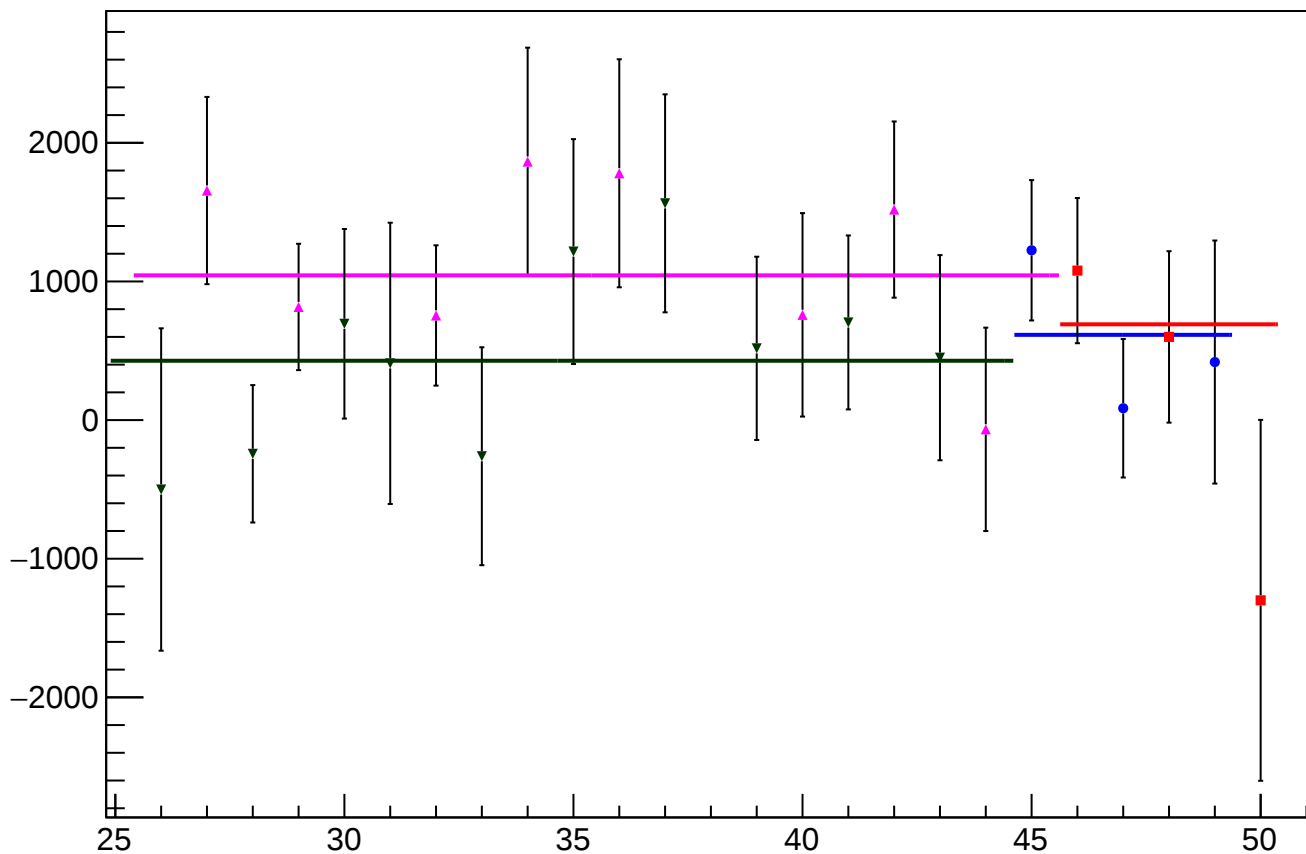
Left Out: 321.920+/-0.107 χ^2/NDF :1062719.8/9

257.800+/-0.055 χ^2/NDF : 5043490.8/23

Right Out: 171.629+/-0.119 χ^2/NDF : 728678.4/2

Left In: 324.181+/-0.106 χ^2/NDF :446819.9/7

asym_at1_avg_mean vs slug



Right In: 614.962 $\pm$ 329.462 χ^2 /NDF: 2.6/2

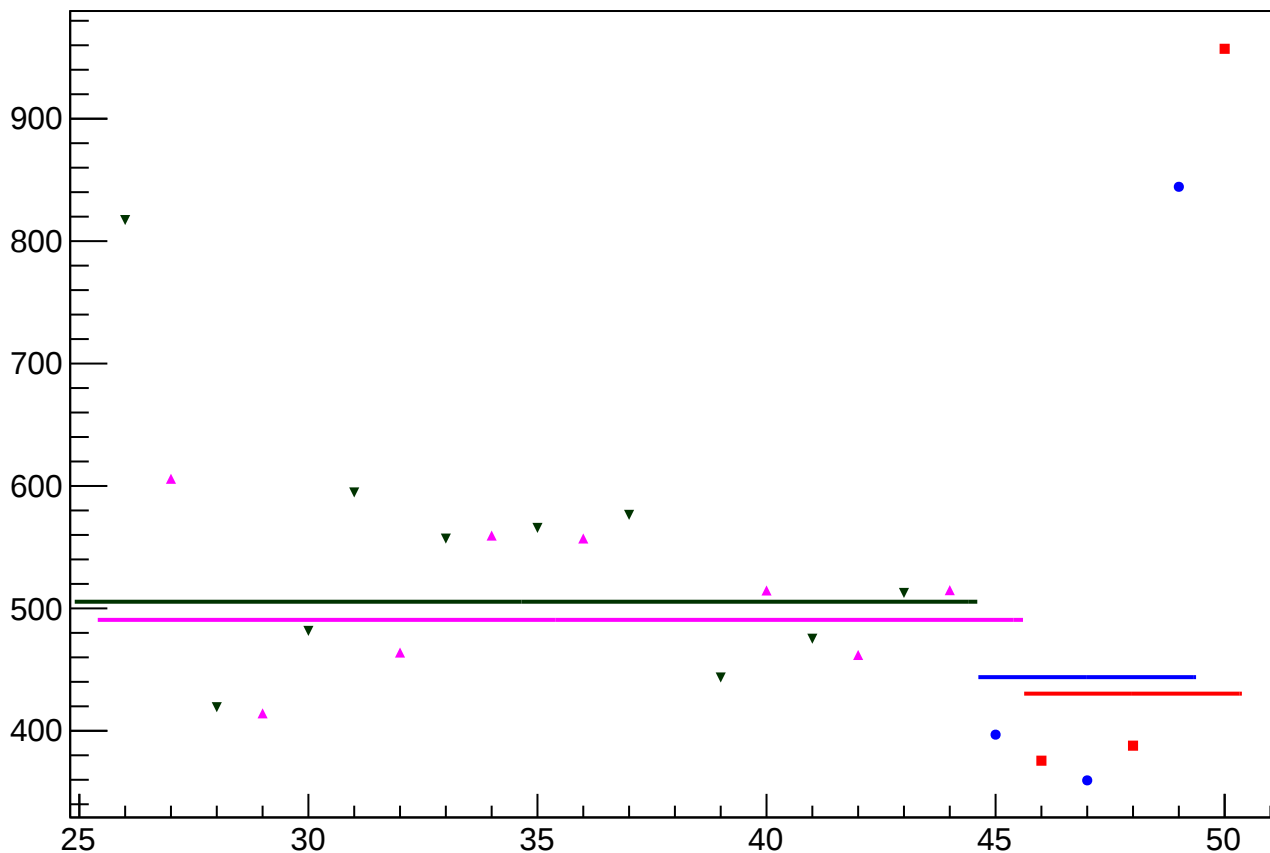
Left Out: 427.989 $\pm$ 227.432 χ^2 /NDF: 6.6/9

Right Out: 690.811 $\pm$ 382.002 χ^2 /NDF: 2.9/2

Left In: 1044.099 $\pm$ 223.260 χ^2 /NDF: 6.2/7

714.392 $\pm$ 134.279 χ^2 /NDF: 22.2/23

asym_at1_avg_rms vs slug



Right In: 443.834+/-0.233 χ^2/NDF : 491844.8/2

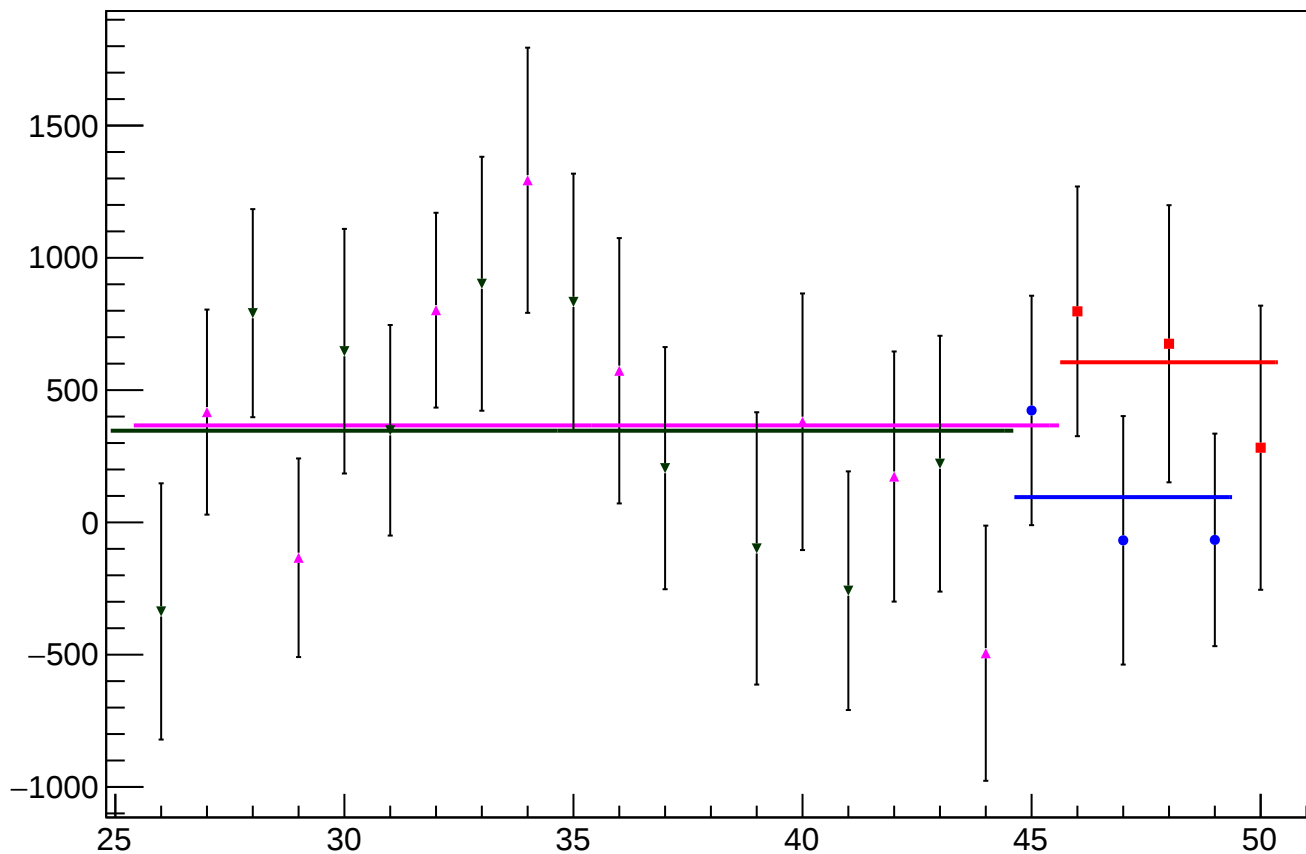
Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

480.574+/-0.095 χ^2/NDF : 1374034.4/23

Right Out: 430.362+/-0.270 χ^2/NDF : 358838.9/2

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

reg_asym_at1_dd_mean vs slug



Right In: 95.558 $\pm$ 249.606 χ^2/NDF : 0.9/2

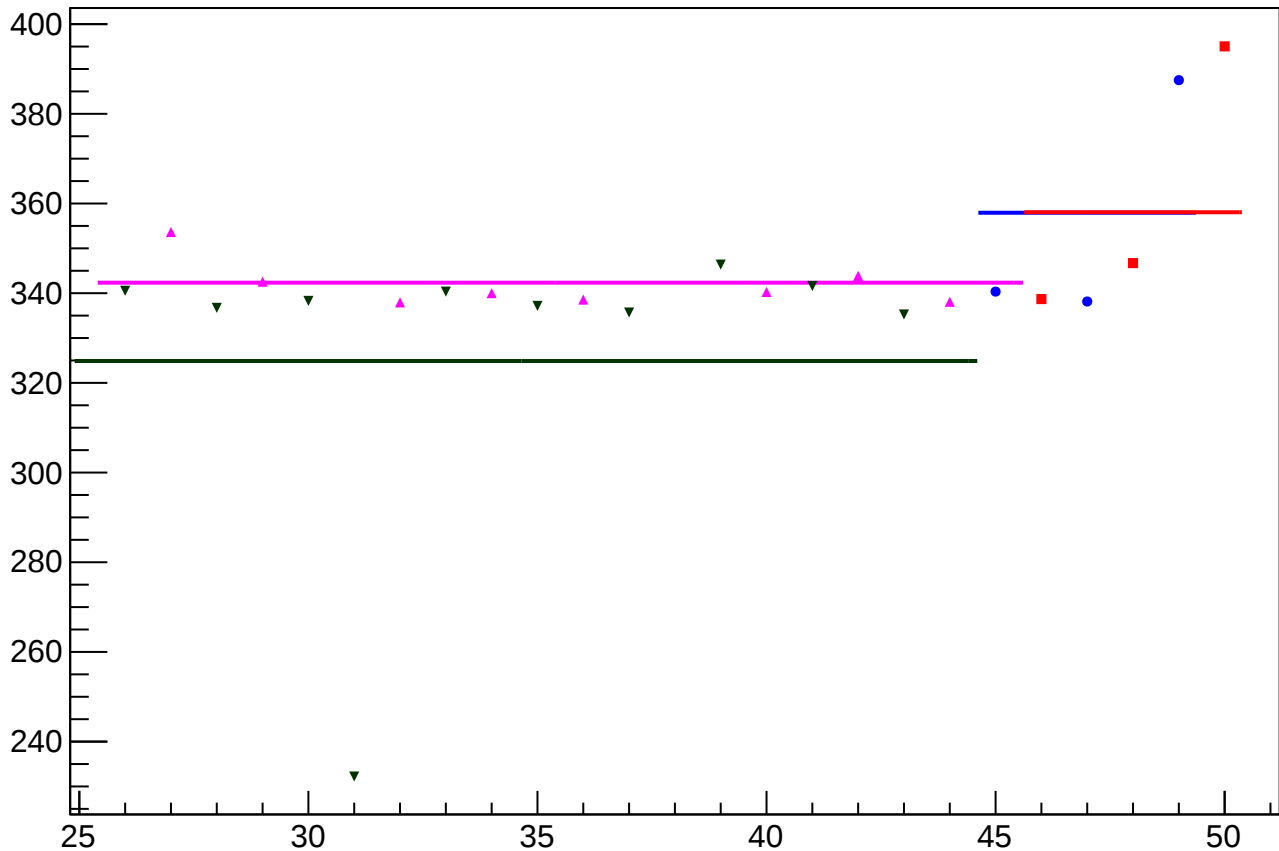
Left Out: 346.550 $\pm$ 144.244 χ^2/NDF : 8.7/9

Right Out: 605.223 $\pm$ 293.565 χ^2/NDF : 0.5/2

Left In: 366.596 $\pm$ 154.091 χ^2/NDF : 10.1/7

344.999 $\pm$ 92.123 χ^2/NDF : 22.1/23

reg_asym_at1_dd_rms vs slug



Right In: 357.941+/-0.176 χ^2/NDF : 17679.9/2

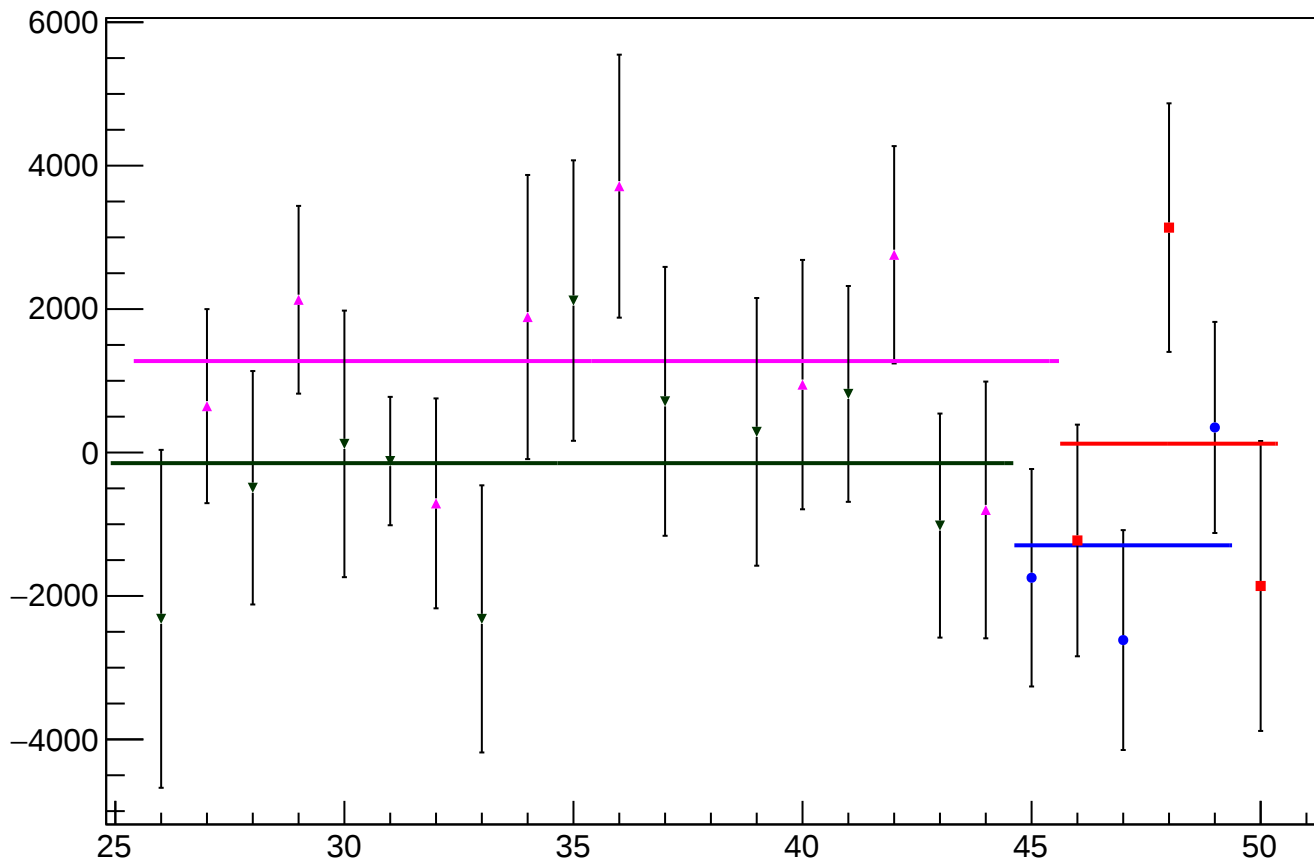
Left Out: 324.874+/-0.102 χ^2/NDF :125663.8/9

Right Out: 358.050+/-0.208 χ^2/NDF : 13794.8/2

Left In: 342.341+/-0.109 χ^2/NDF :2355.7/7

338.889+/-0.065 χ^2/NDF : 199551.0/23

asym_at1_dd_correction_mean vs slug



Right In: -1293.944+/-869.627 χ^2/NDF : 2.1/2

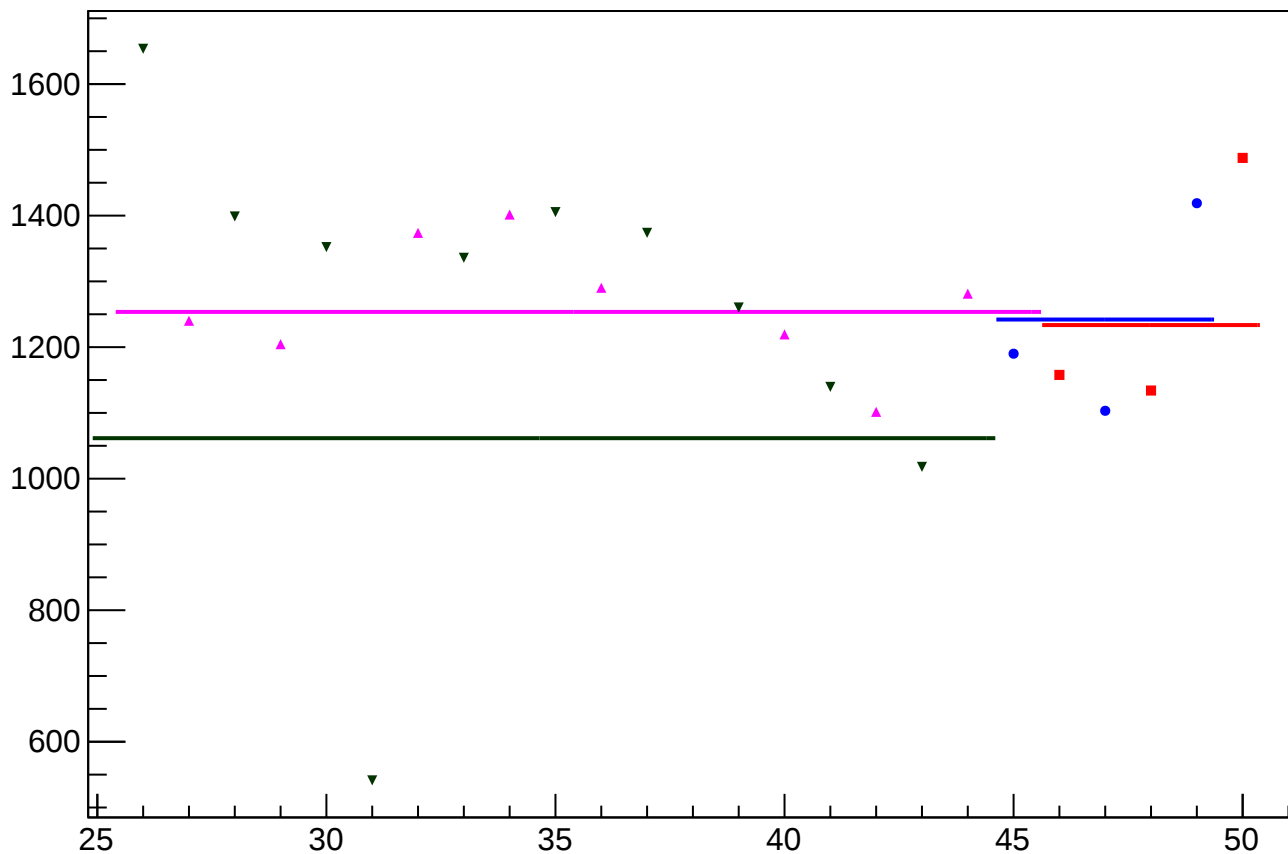
Left Out: -148.157+/-495.767 χ^2/NDF : 4.6/9

200.500+/-323.088 χ^2/NDF : 25.2/23

Right Out: 123.224+/-1020.036 χ^2/NDF : 4.7/2

Left In: 1275.202+/-556.603 χ^2/NDF : 6.7/7

asym_at1_dd_correction_rms vs slug



Right In: 1241.995+/-0.615 χ^2/NDF : 47630.3/2

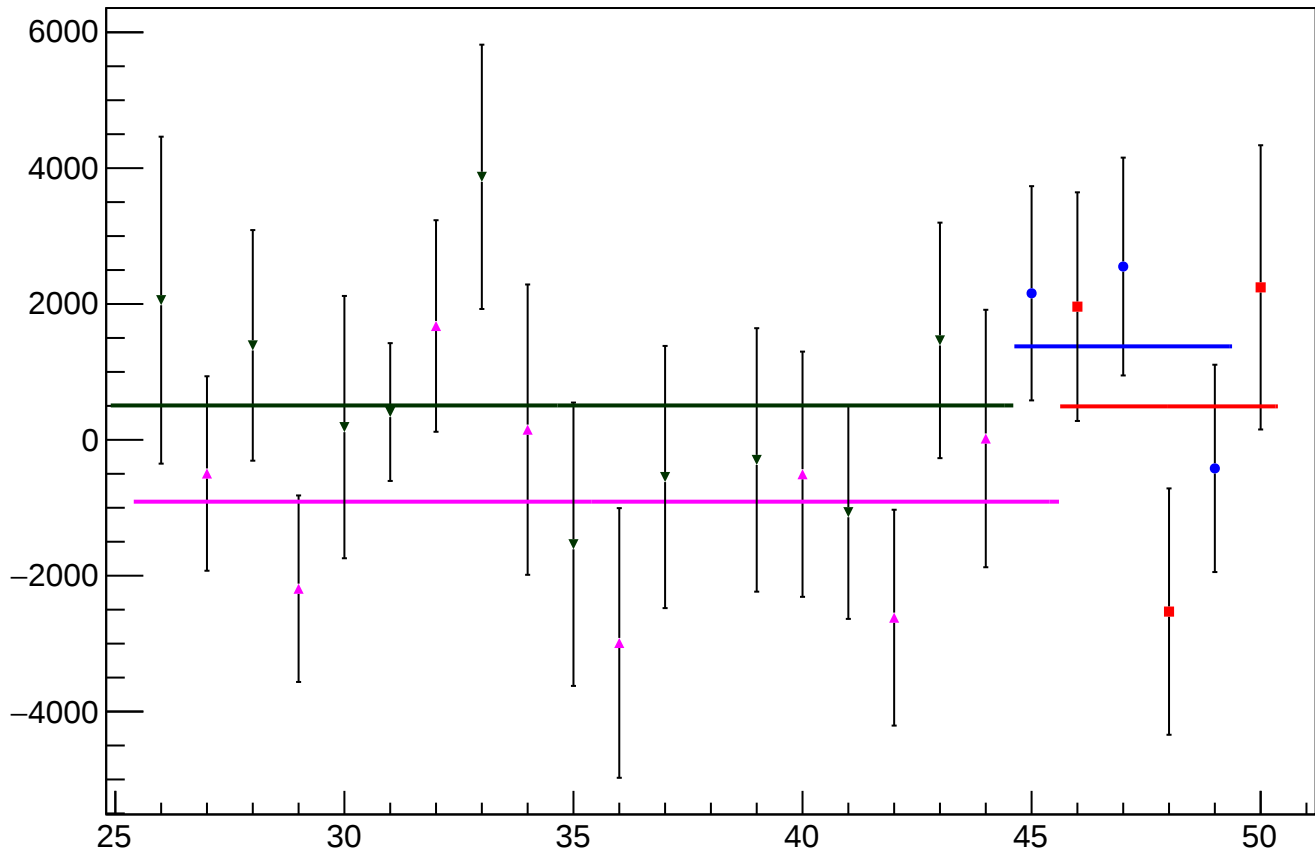
Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

Right Out: 1233.585+/-0.721 χ^2/NDF : 42626.2/2

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

1168.426+/-0.228 χ^2/NDF : 1429597.1/23

asym_at1_dd_mean vs slug



Right In: 1376.273 $\pm$ 905.228 χ^2 /NDF: 2.2/2

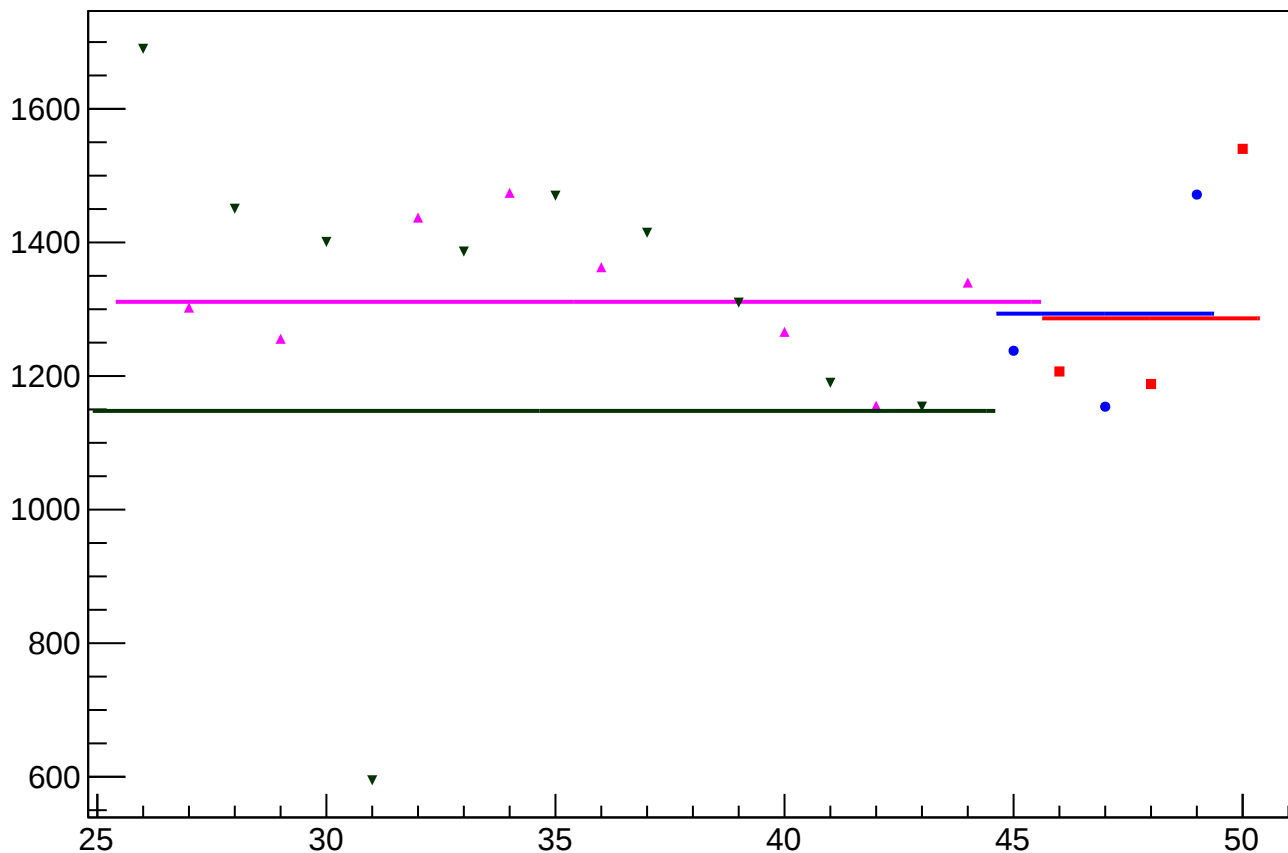
Left Out: 506.383 $\pm$ 532.571 χ^2 /NDF: 6.4/9

149.726 $\pm$ 342.669 χ^2 /NDF: 25.0/23

Right Out: 492.660 $\pm$ 1062.701 χ^2 /NDF: 4.2/2

Left In: -910.298 $\pm$ 588.767 χ^2 /NDF: 6.5/7

asym_at1_dd_rms vs slug



Right In: 1293.404+/-0.640 χ^2/NDF : 44864.3/2

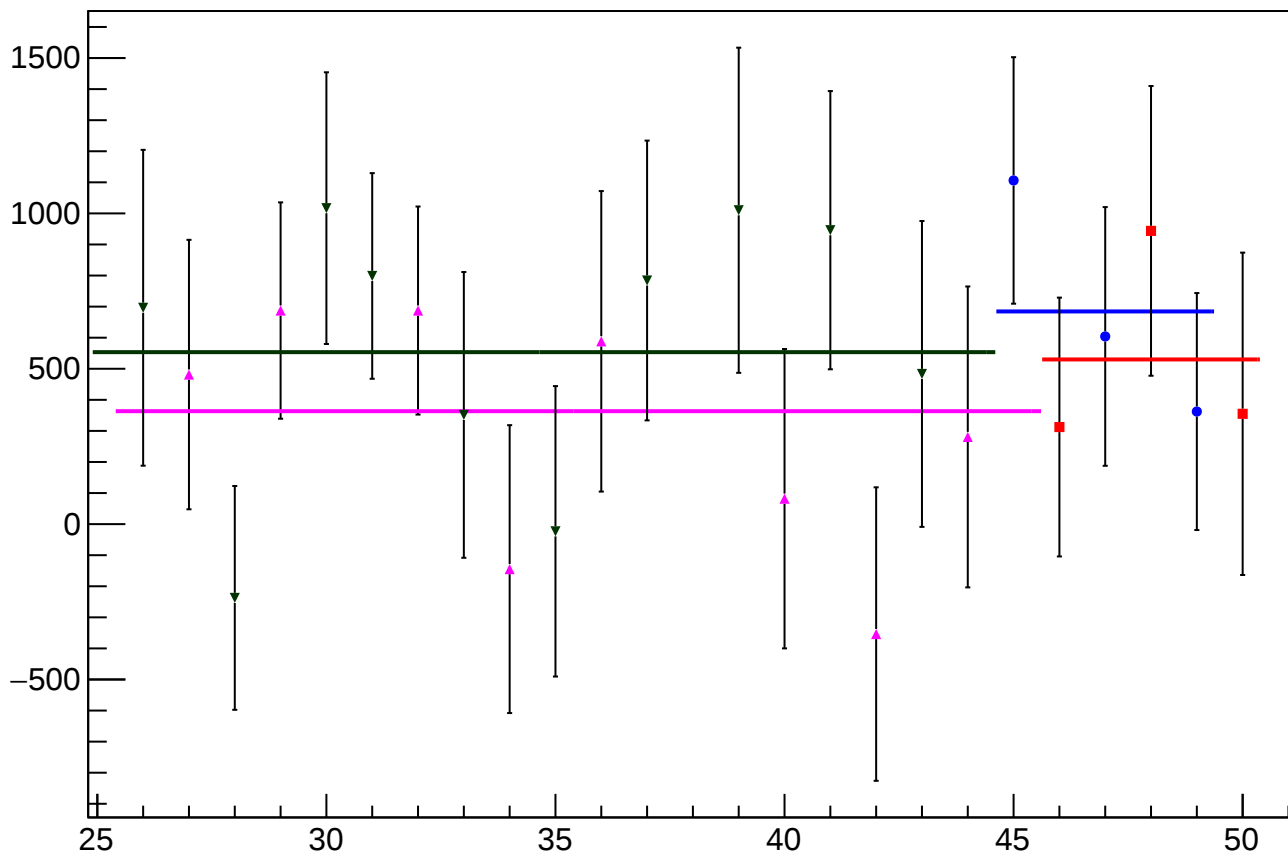
Left Out: 1147.792+/-0.377 χ^2/NDF : 925332.5/9

Right Out: 1286.370+/-0.751 χ^2/NDF : 39762.4/2

Left In: 1311.120+/-0.416 χ^2/NDF : 50316.6/7

1238.391+/-0.242 χ^2/NDF : 1160135.9/23

reg_asym_at2_avg_mean vs slug



Right In: 684.478 $\pm$ 229.399 χ^2 /NDF: 1.9/2

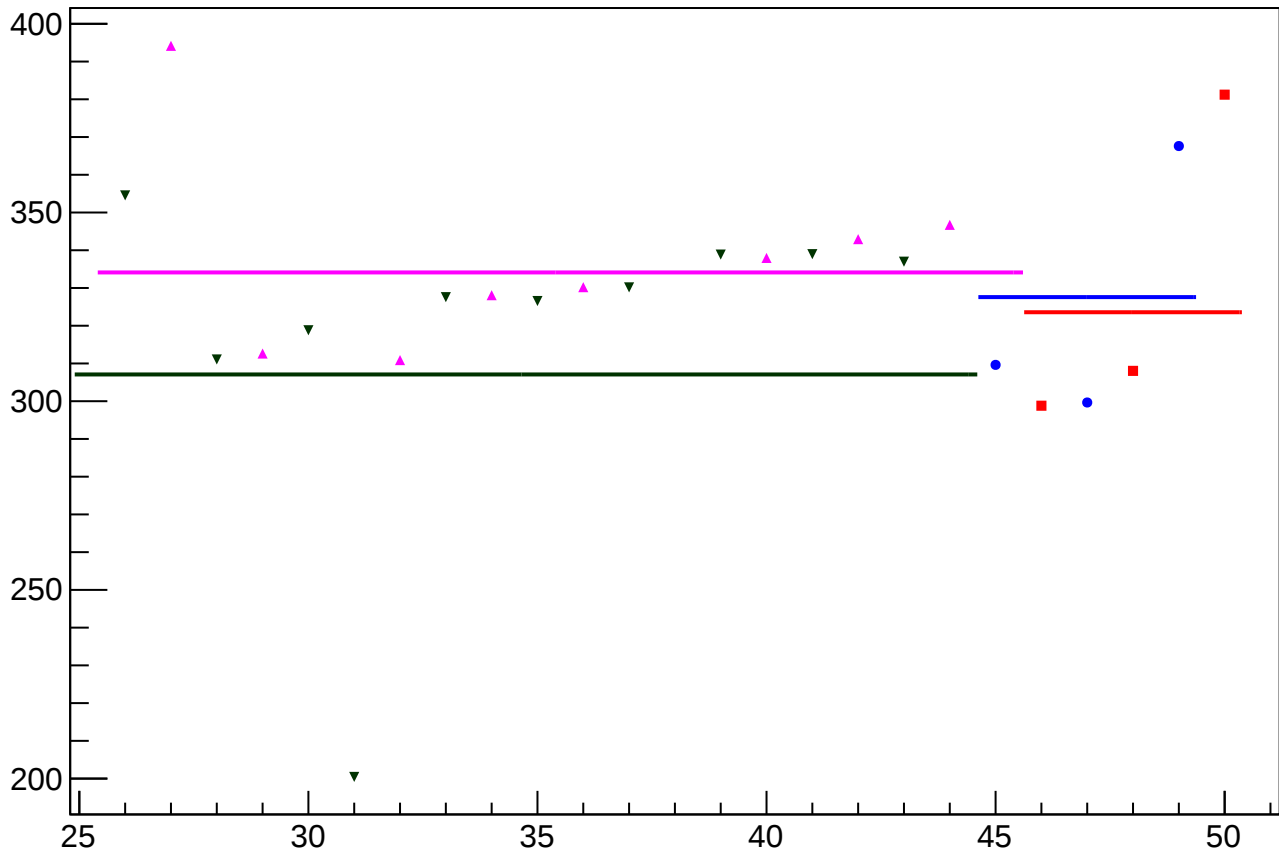
Left Out: 553.456 $\pm$ 137.422 χ^2 /NDF:10.1/9

Right Out: 529.959 $\pm$ 266.480 χ^2 /NDF: 1.2/2

Left In: 363.466 $\pm$ 149.927 χ^2 /NDF:6.0/7

505.240 $\pm$ 87.529 χ^2 /NDF: 20.8/23

reg_asym_at2_avg_rms vs slug



Right In: 327.585 ± 0.162 $\chi^2/\text{NDF}: 35135.4/2$

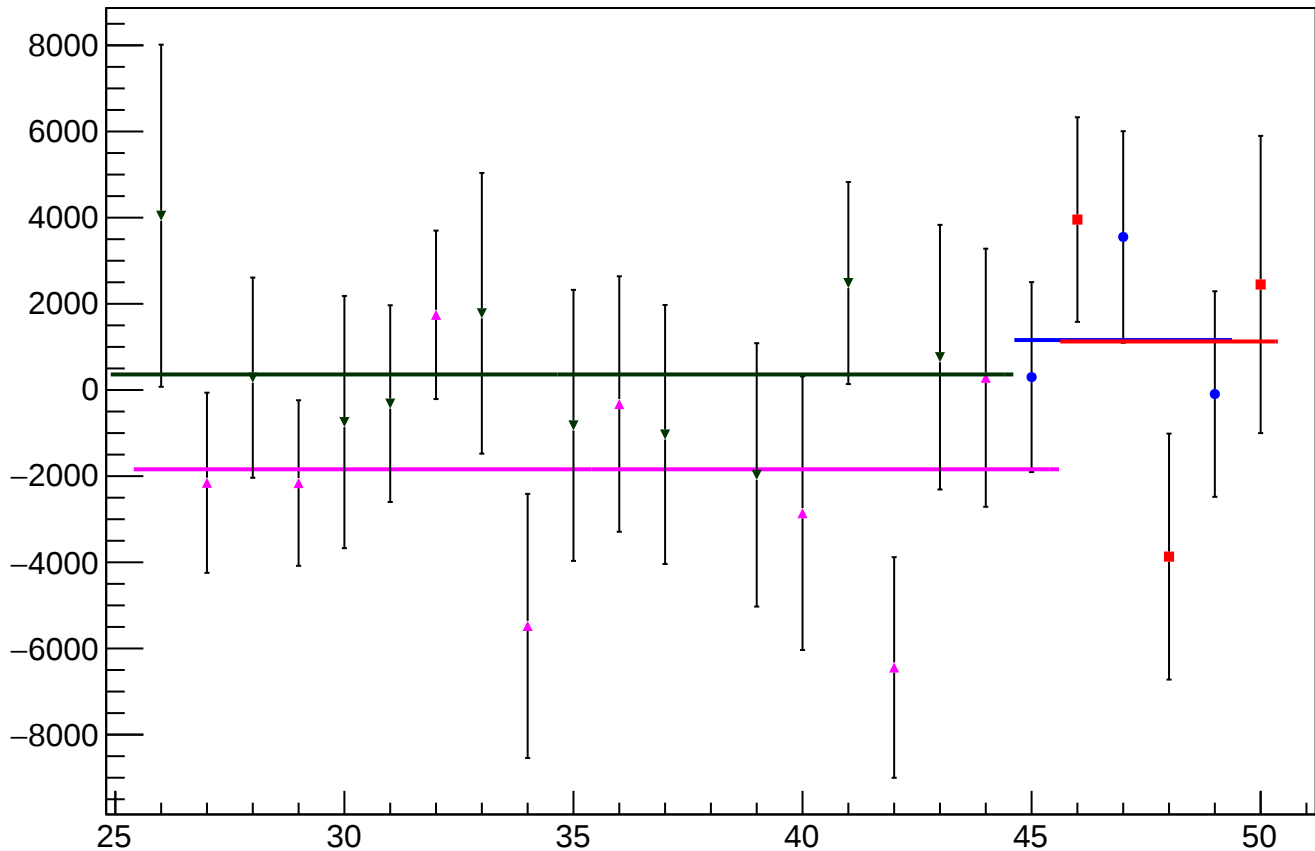
Left Out: 307.088 ± 0.097 $\chi^2/\text{NDF}: 264389.0/9$

Right Out: 323.575 ± 0.188 $\chi^2/\text{NDF}: 33999.4/2$

Left In: 334.120 ± 0.106 $\chi^2/\text{NDF}: 58261.7/7$

321.064 ± 0.062 $\chi^2/\text{NDF}: 429433.1/23$

asym_at2_avg_correction_mean vs slug



Right In: 1159.184+/-1351.654 χ^2/NDF : 1.4/2

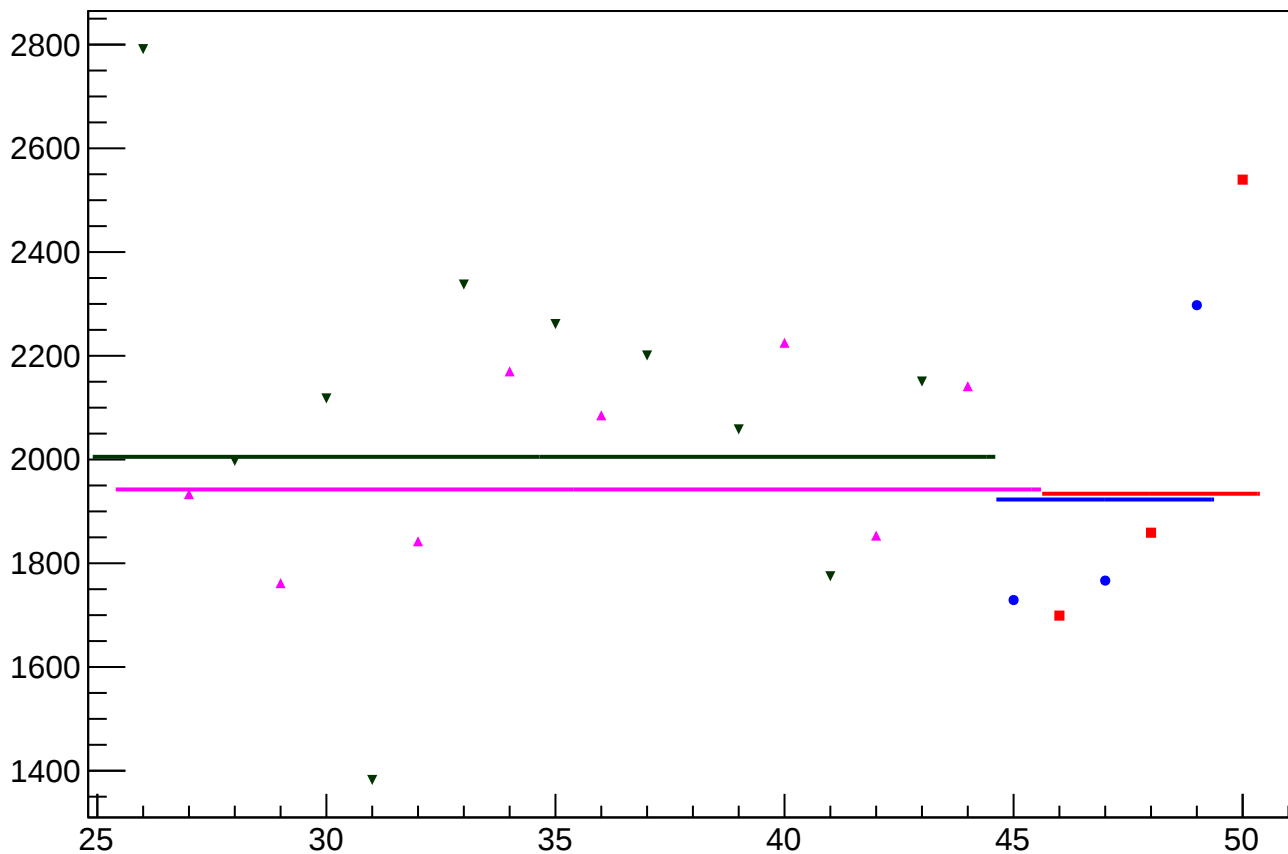
Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

-270.320+/-531.955 χ^2/NDF : 23.7/23

Right Out: 1125.992+/-1613.711 χ^2/NDF : 4.6/2

Left In: -1841.139+/-862.403 χ^2/NDF : 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1922.932+/-0.956 χ^2/NDF : 72887.3/2

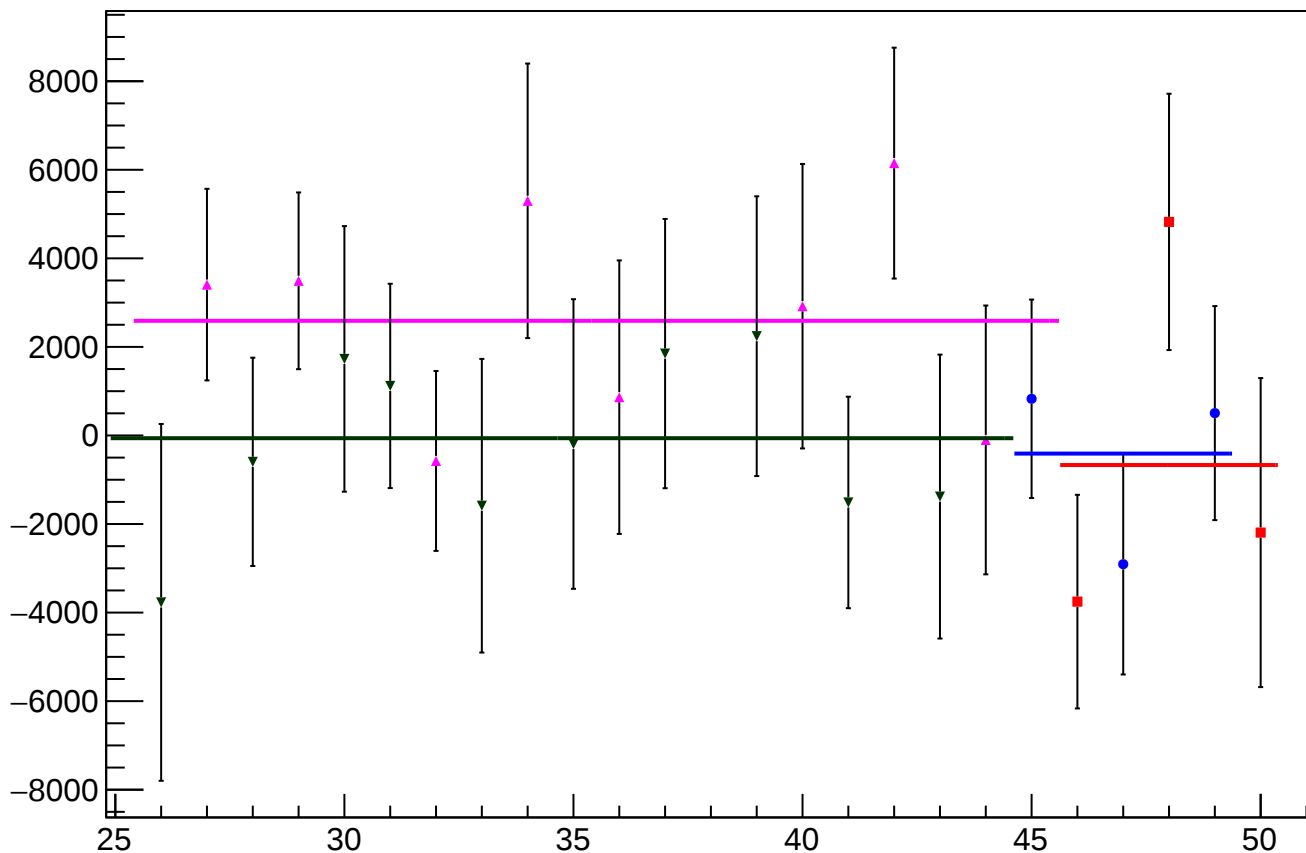
Left Out: 2005.233+/-0.630 χ^2/NDF : 297094.3/9

Right Out: 1934.072+/-1.141 χ^2/NDF : 82582.0/2

Left In: 1942.323+/-0.610 χ^2/NDF : 65741.6/7

1960.817+/-0.376 χ^2/NDF : 526308.7/23

asym_at2_avg_mean vs slug



Right In: -409.171+/-1371.543 χ^2/NDF : 1.5/2

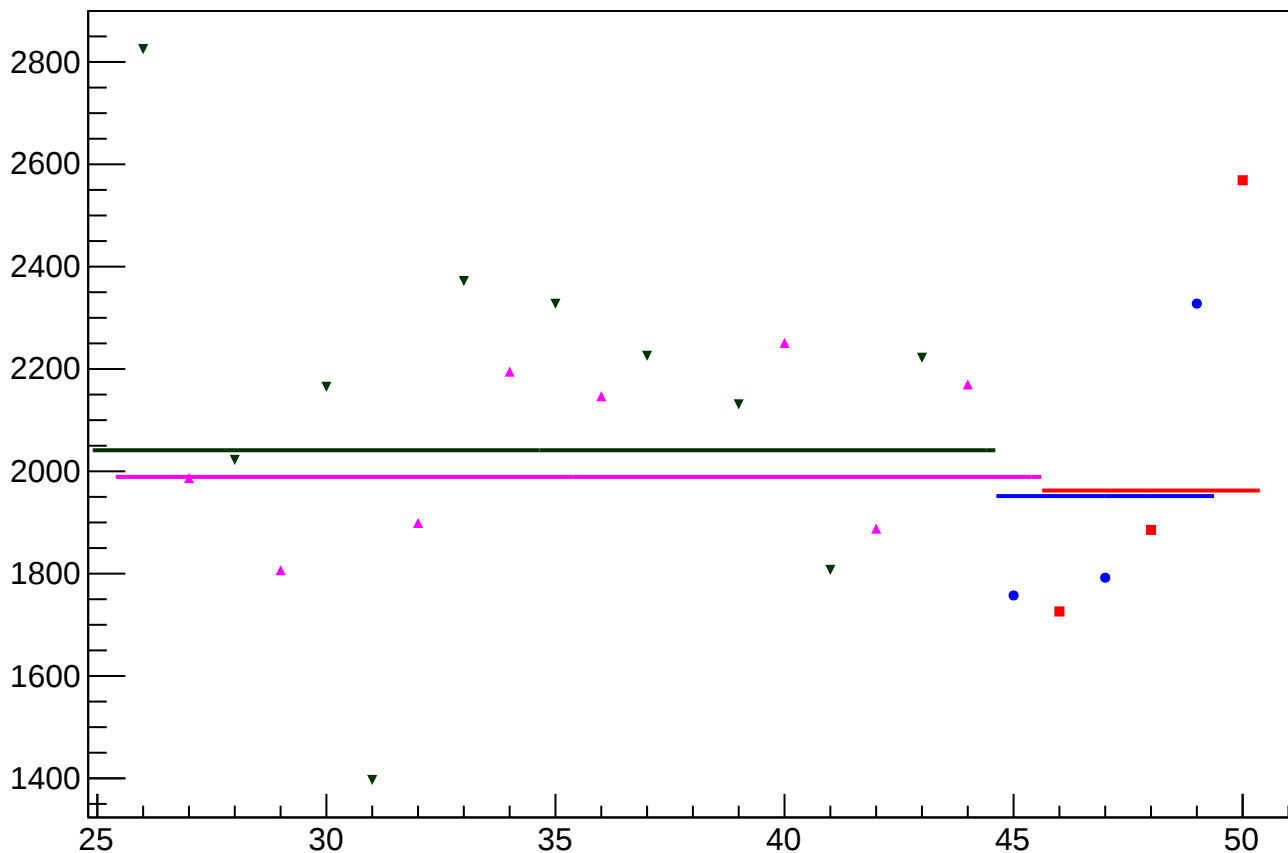
Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

Right Out: -667.537+/-1636.570 χ^2/NDF : 5.4/2

Left In: 2588.988+/-887.904 χ^2/NDF : 6.5/7

811.304+/-543.901 χ^2/NDF : 23.1/23

asym_at2_avg_rms vs slug



Right In: 1951.580+/-0.970 χ^2/NDF : 71684.3/2

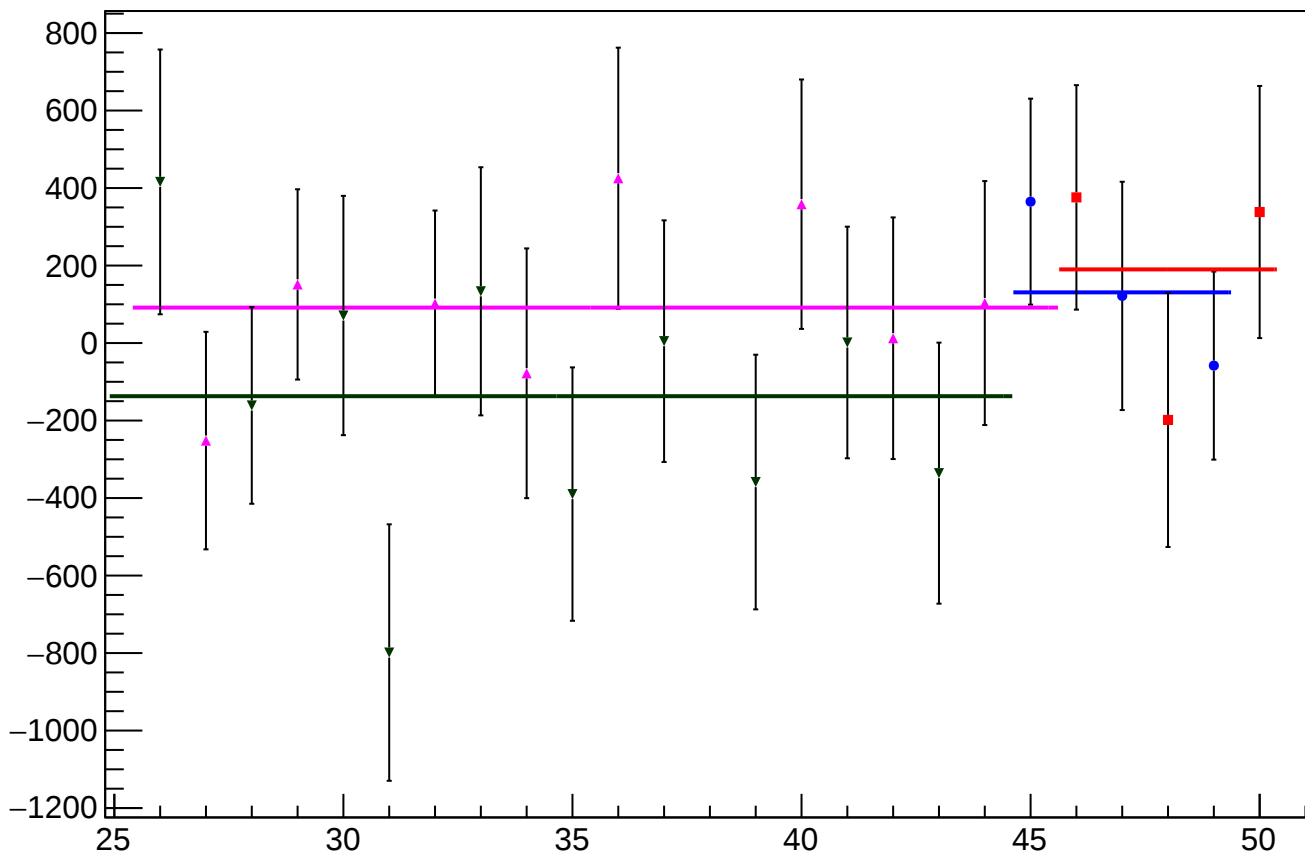
Left Out: 2041.174+/-0.644 χ^2/NDF : 305006.8/9

Right Out: 1962.419+/-1.157 χ^2/NDF : 81000.3/2

Left In: 1989.103+/-0.628 χ^2/NDF : 58029.8/7

1998.847+/-0.385 χ^2/NDF : 523653.0/23

reg_asym_at2_dd_mean vs slug



Right In: 130.797 $\pm$ 153.093 χ^2 /NDF: 1.4/2

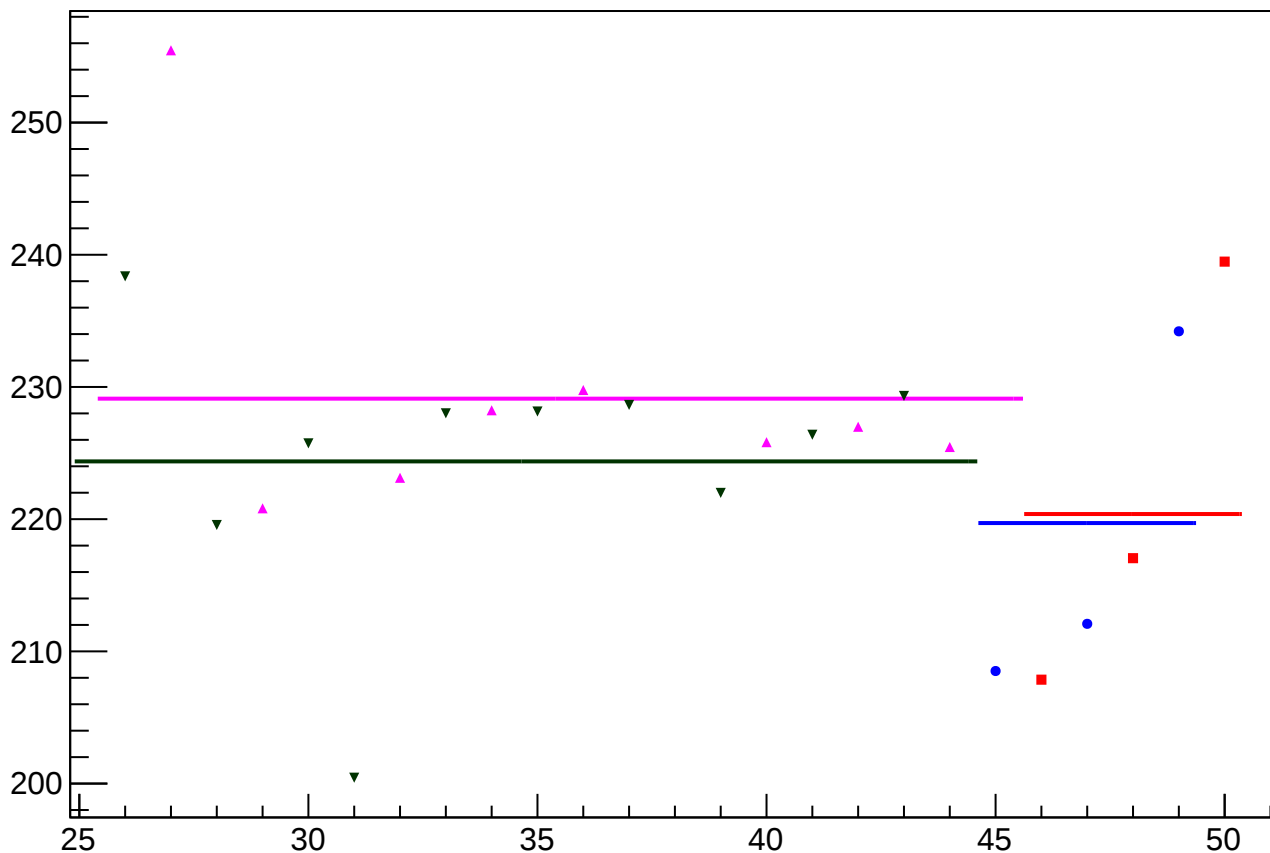
Left Out: -137.146 $\pm$ 98.824 χ^2 /NDF:9.6/9

22.406 $\pm$ 60.767 χ^2 /NDF: 21.0/23

Right Out: 190.075 $\pm$ 180.552 χ^2 /NDF: 2.0/2

Left In: 91.498 $\pm$ 102.557 χ^2 /NDF:3.6/7

reg_asym_at2_dd_rms vs slug



Right In: 219.706 ± 0.108 χ^2/NDF : 12031.5/2

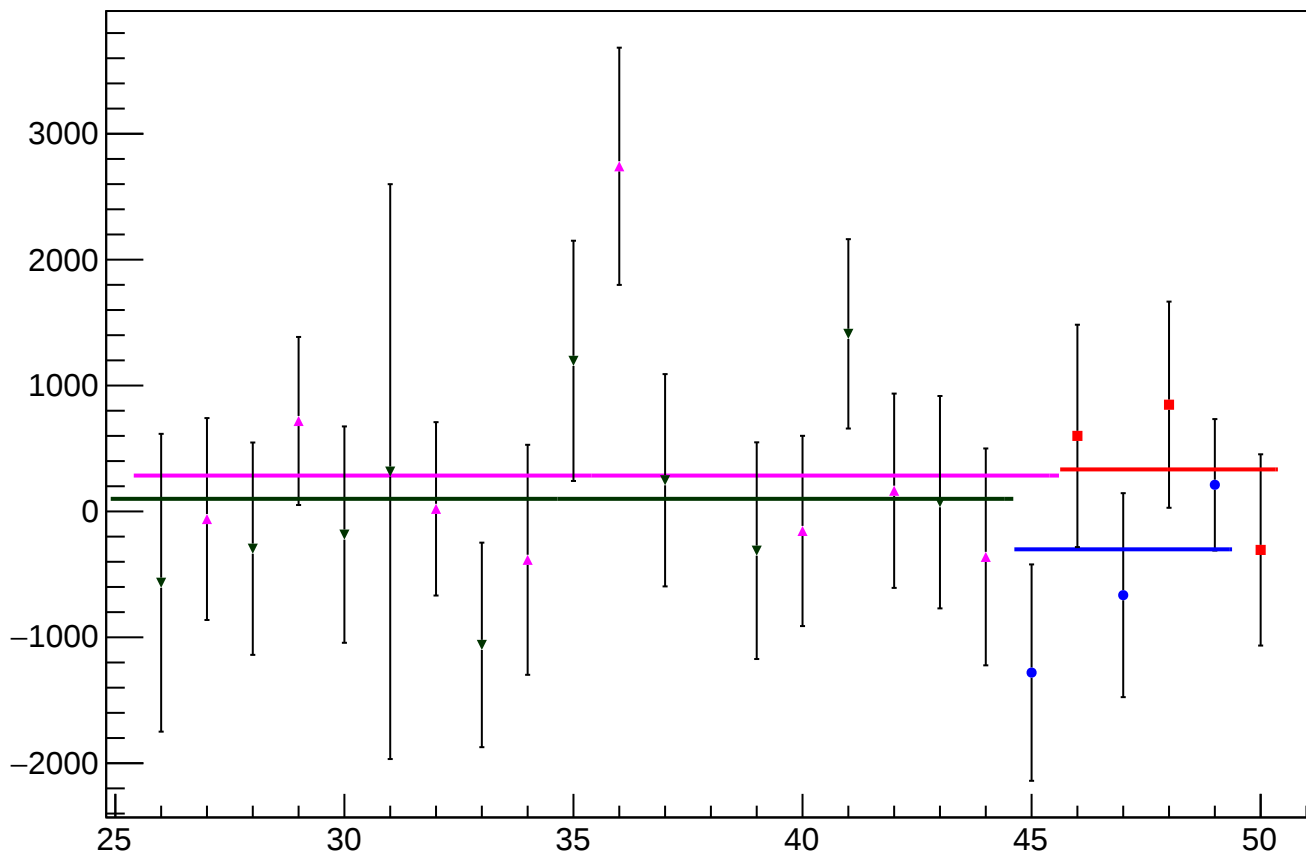
Left Out: 224.370 ± 0.070 χ^2/NDF : 16099.6/9

Right Out: 220.388 ± 0.128 χ^2/NDF : 10840.4/2

Left In: 229.116 ± 0.073 χ^2/NDF : 21747.0/7

224.850 ± 0.043 χ^2/NDF : 67705.1/23

asym_at2_dd_correction_mean vs slug



Right In: -301.012 $\pm$ 390.855 χ^2/NDF : 2.5/2

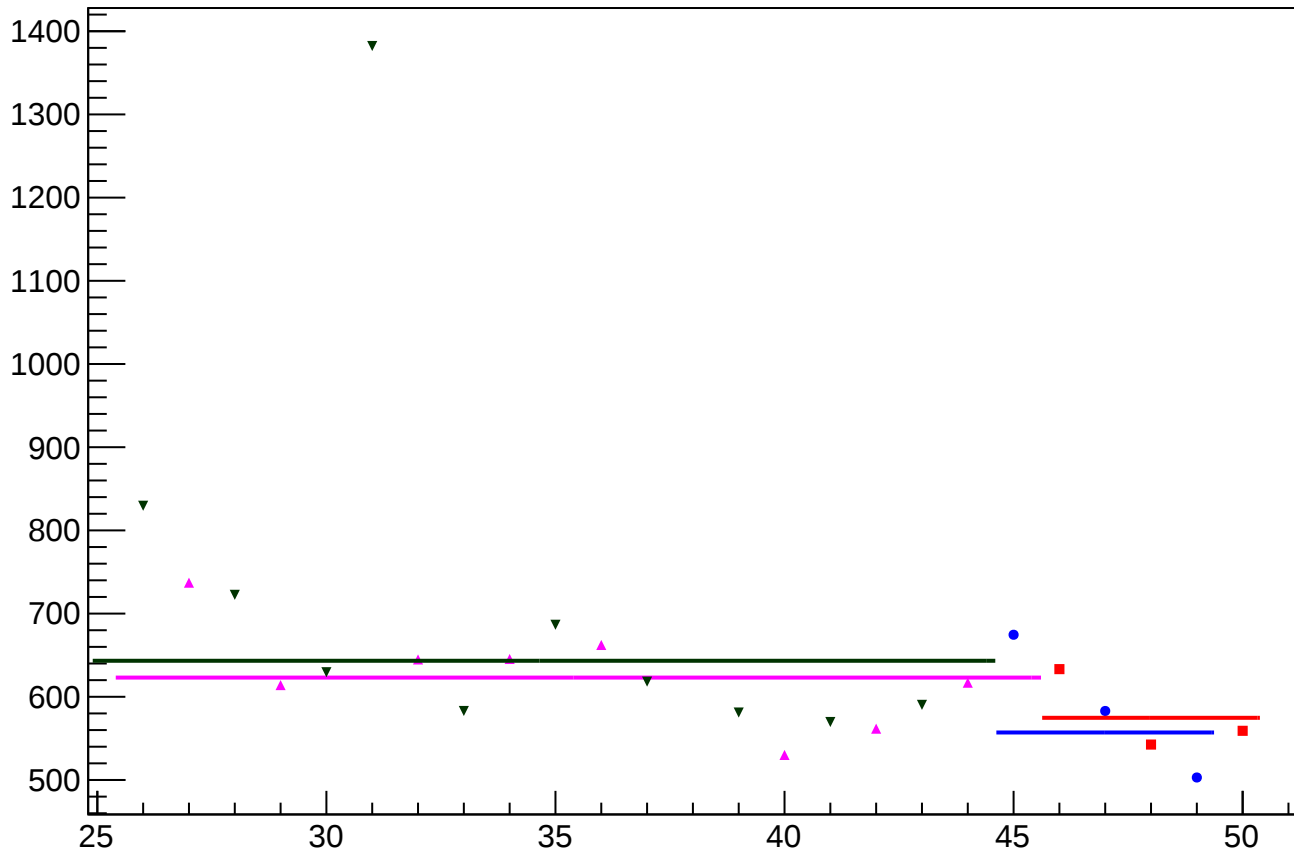
Left Out: 100.061 $\pm$ 286.186 χ^2/NDF : 7.3/9

Right Out: 333.733 $\pm$ 471.093 χ^2/NDF : 1.2/2

Left In: 284.973 $\pm$ 277.238 χ^2/NDF : 9.0/7

123.035 $\pm$ 166.041 χ^2/NDF : 21.7/23

asym_at2_dd_correction_rms vs slug



Right In: 557.094+/-0.276 χ^2/NDF : 60877.0/2

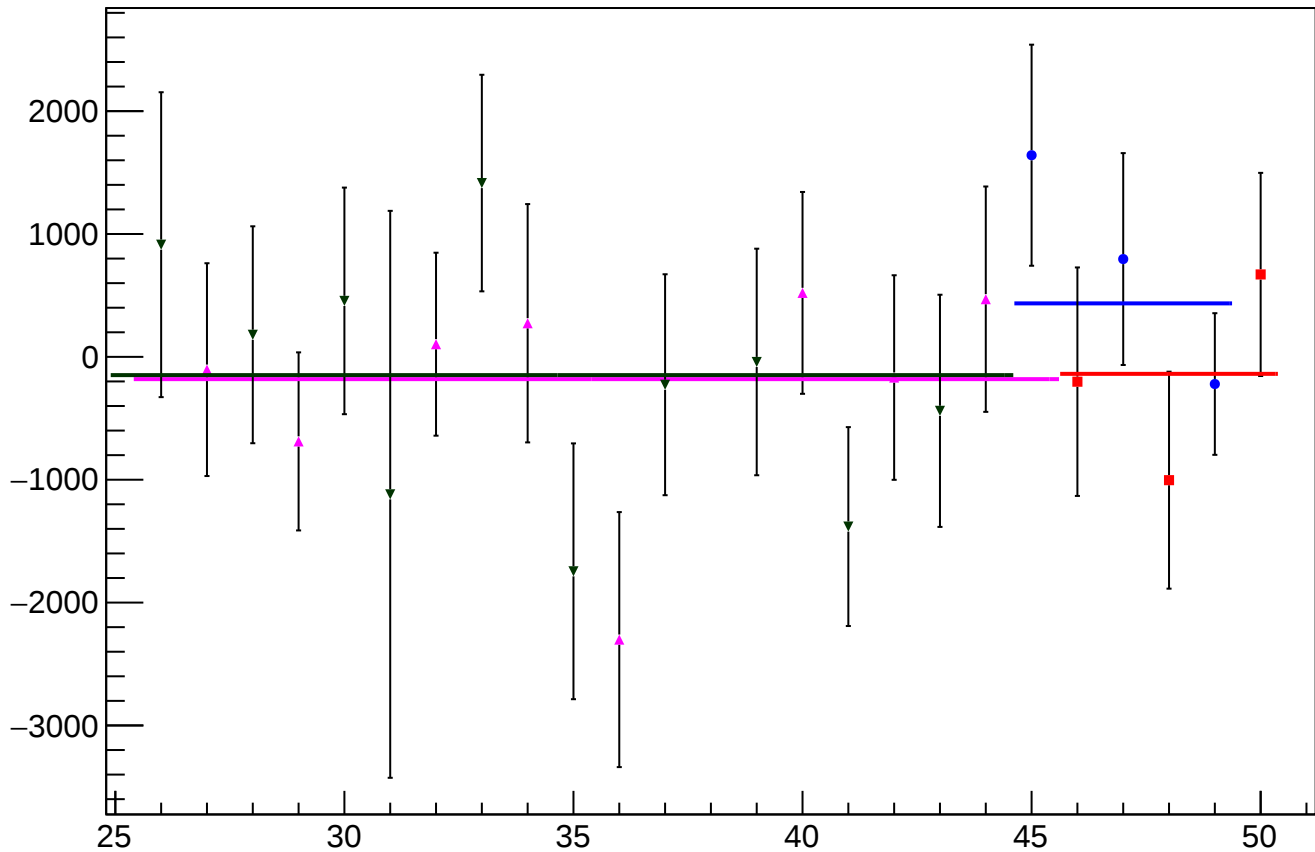
Left Out: 643.291+/-0.202 χ^2/NDF : 331702.9/9

611.969+/-0.117 χ^2/NDF : 574921.3/23

Right Out: 574.733+/-0.333 χ^2/NDF : 12707.1/2

Left In: 623.079+/-0.196 χ^2/NDF : 90546.3/7

asym_at2_dd_mean vs slug



Right In: 435.274 $\pm$ 422.948 χ^2/NDF : 3.3/2

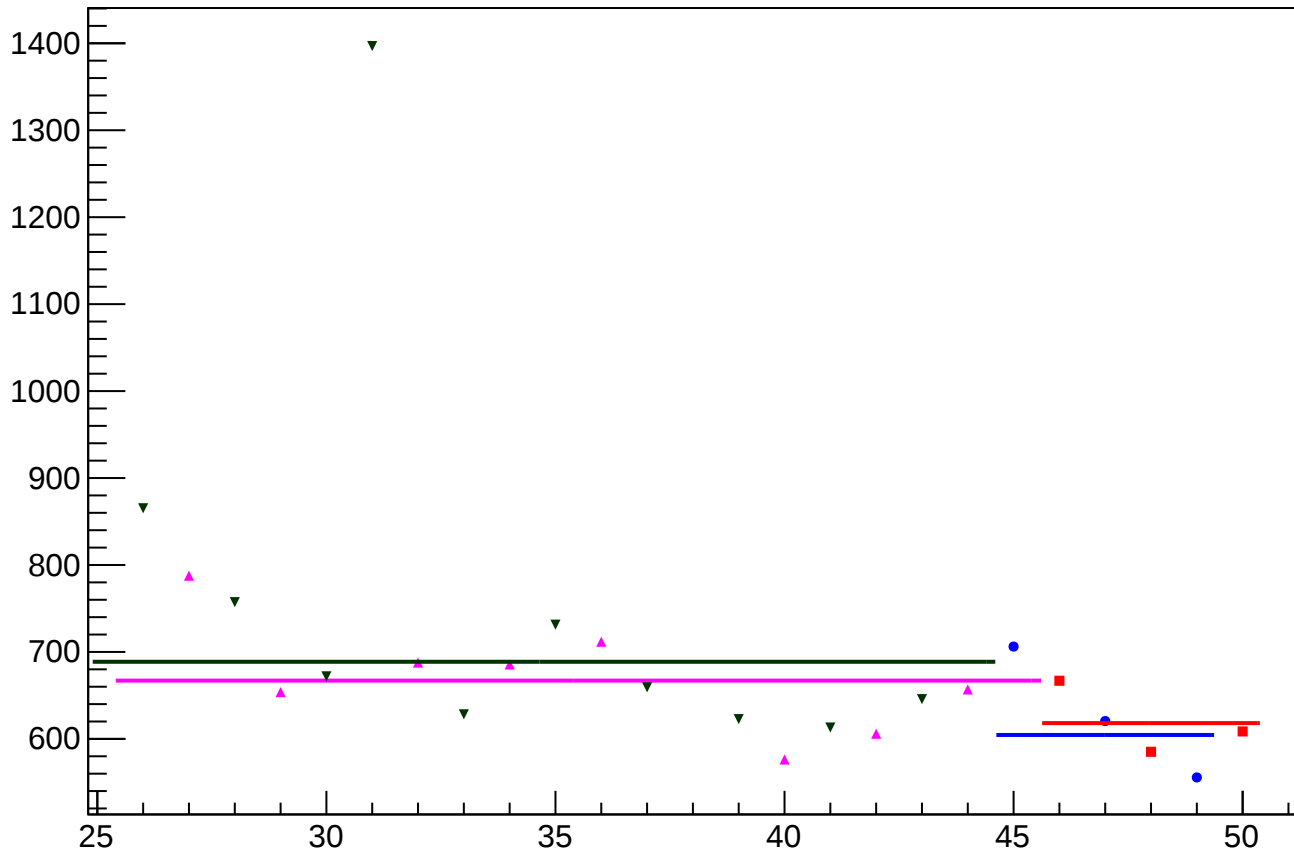
Left Out: -148.570 $\pm$ 307.642 χ^2/NDF : 9.4/9

-54.401 $\pm$ 179.017 χ^2/NDF : 22.5/23

Right Out: -138.269 $\pm$ 506.257 χ^2/NDF : 1.9/2

Left In: -181.362 $\pm$ 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

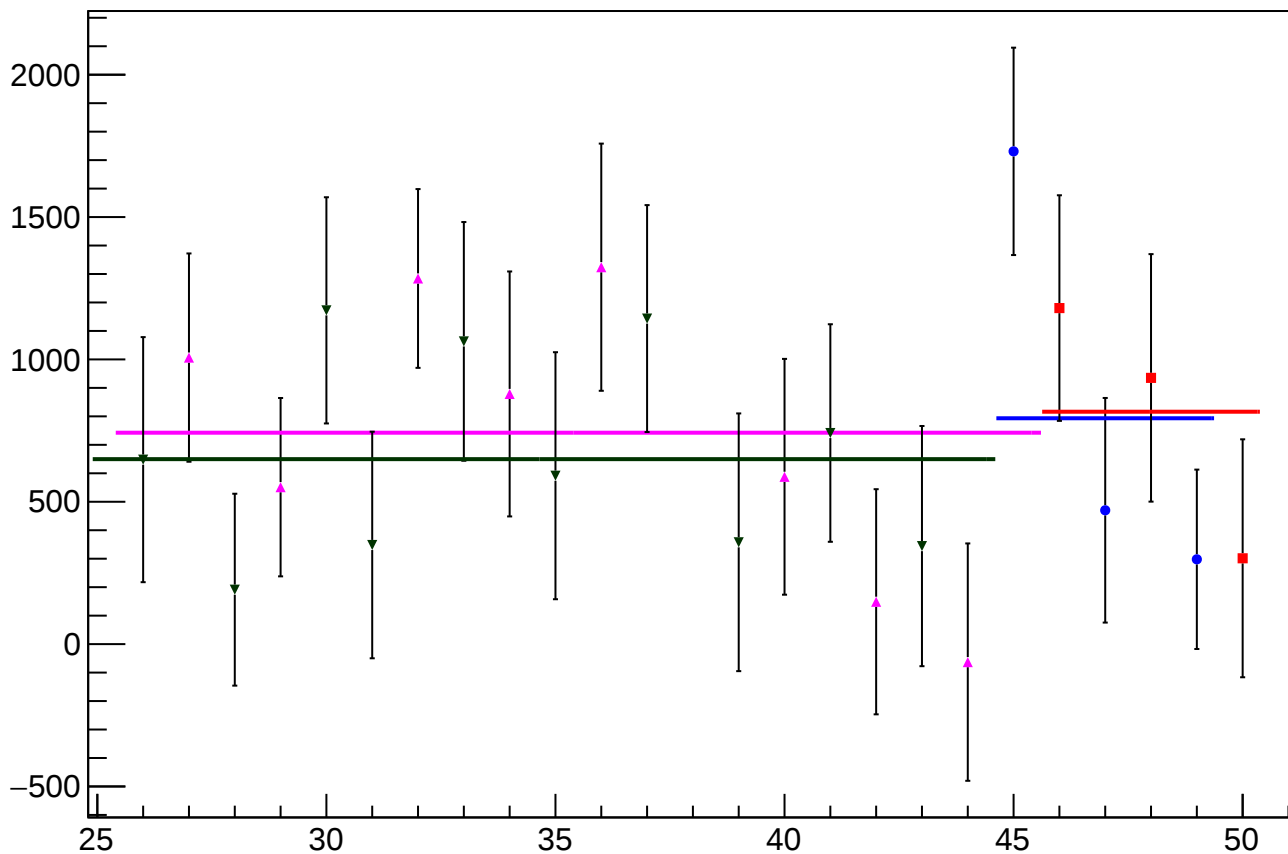
Left Out: 688.695+/-0.218 χ^2/NDF : 288286.6/9

Right Out: 618.176+/-0.358 χ^2/NDF : 8547.3/2

Left In: 667.019+/-0.212 χ^2/NDF : 80872.1/7

657.056+/-0.127 χ^2/NDF : 484297.3/23

reg_asym_atl1r2_avg_mean vs slug



Right In: 793.287+/-203.952 χ^2/NDF : 9.8/2

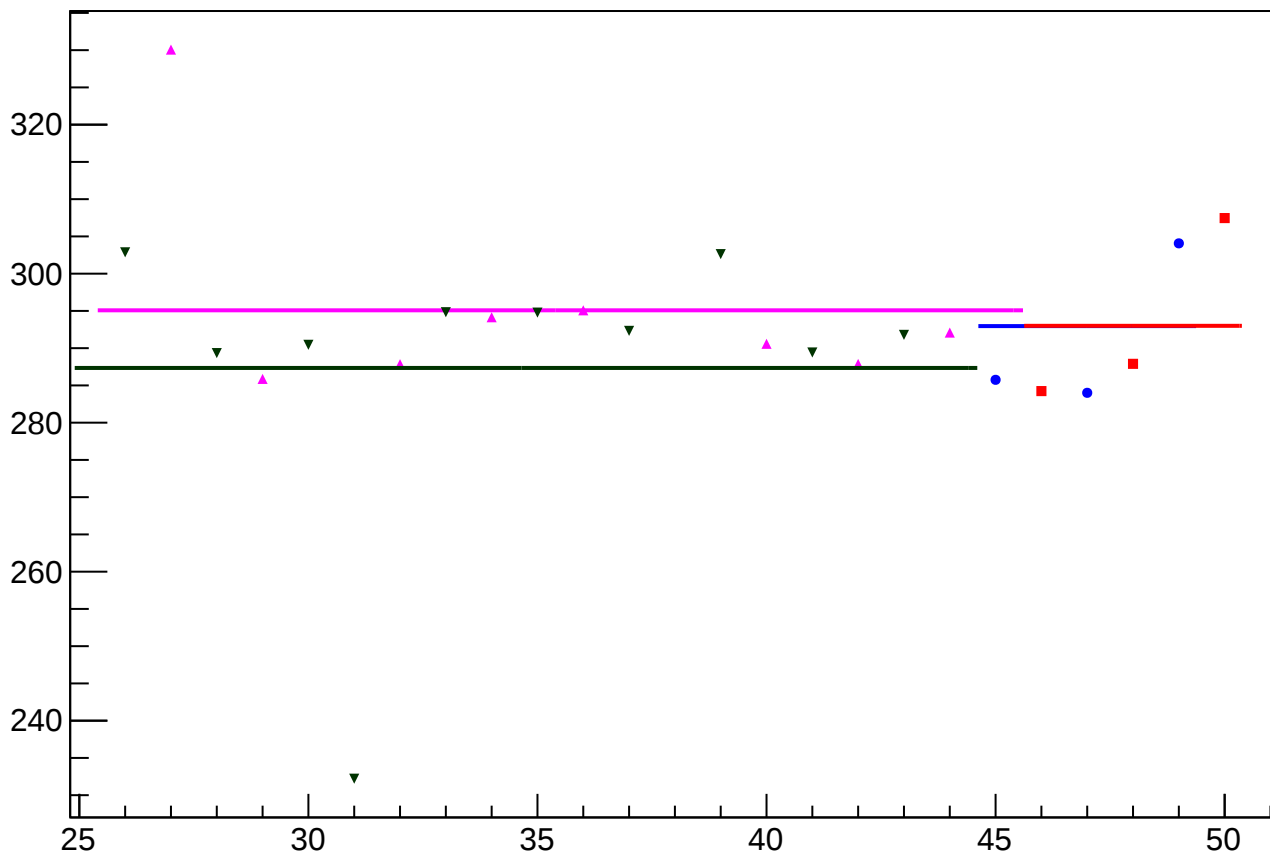
Left Out: 649.704+/-127.513 χ^2/NDF : 7.7/9

Right Out: 816.294+/-239.816 χ^2/NDF : 2.4/2

Left In: 742.570+/-133.039 χ^2/NDF : 11.9/7

722.434+/-79.198 χ^2/NDF : 32.4/23

reg_asym_atl1r2_avg_rms vs slug



Right In: 292.962 $\pm$ 0.144 χ^2 /NDF: 4300.0/2

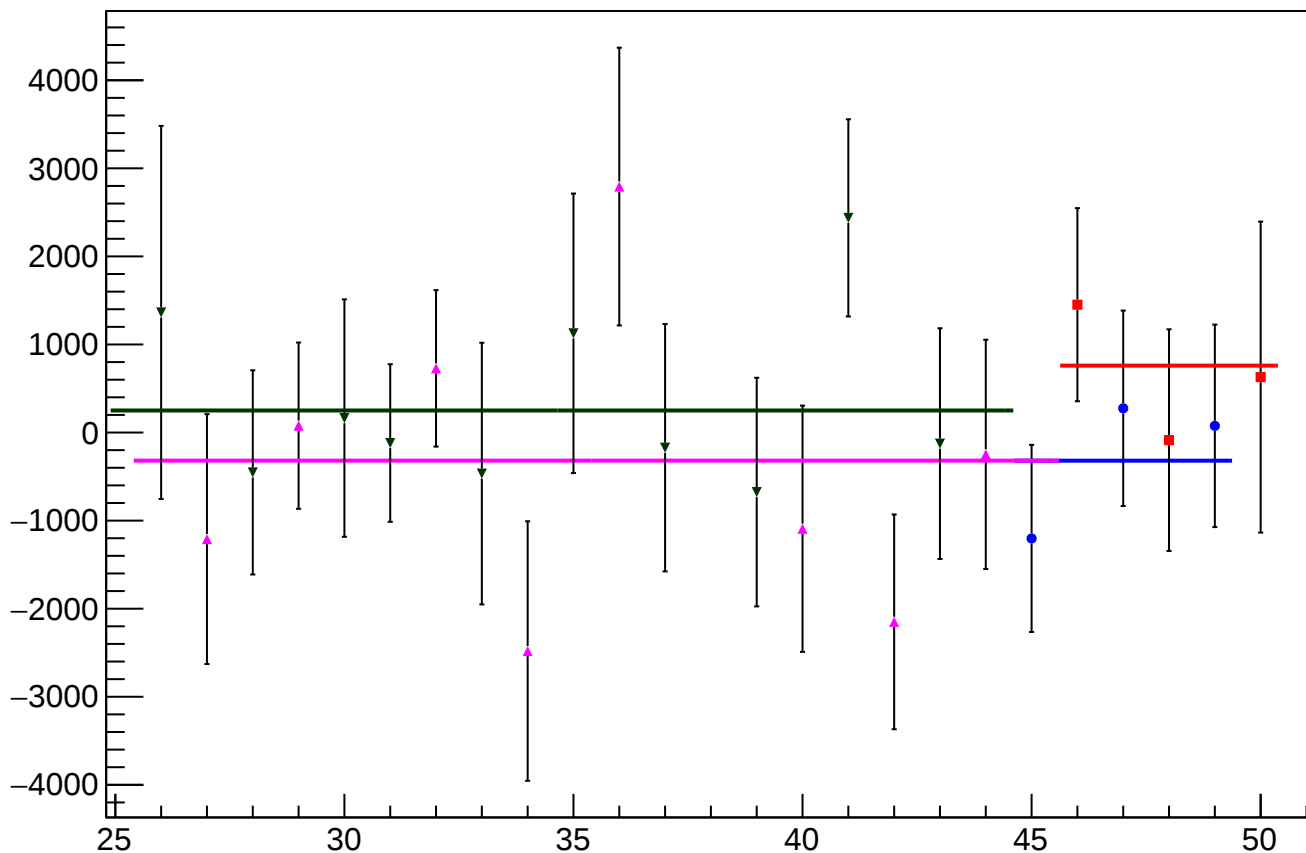
Left Out: 287.345 $\pm$ 0.090 χ^2 /NDF: 45272.0/9

Right Out: 293.000 $\pm$ 0.170 χ^2 /NDF: 3648.4/2

Left In: 295.081 $\pm$ 0.094 χ^2 /NDF: 22103.3/7

291.550 $\pm$ 0.056 χ^2 /NDF: 79075.9/23

asym_atl1r2_avg_correction_mean vs slug



Right In: -319.500+/-638.172 χ^2/NDF : 1.1/2

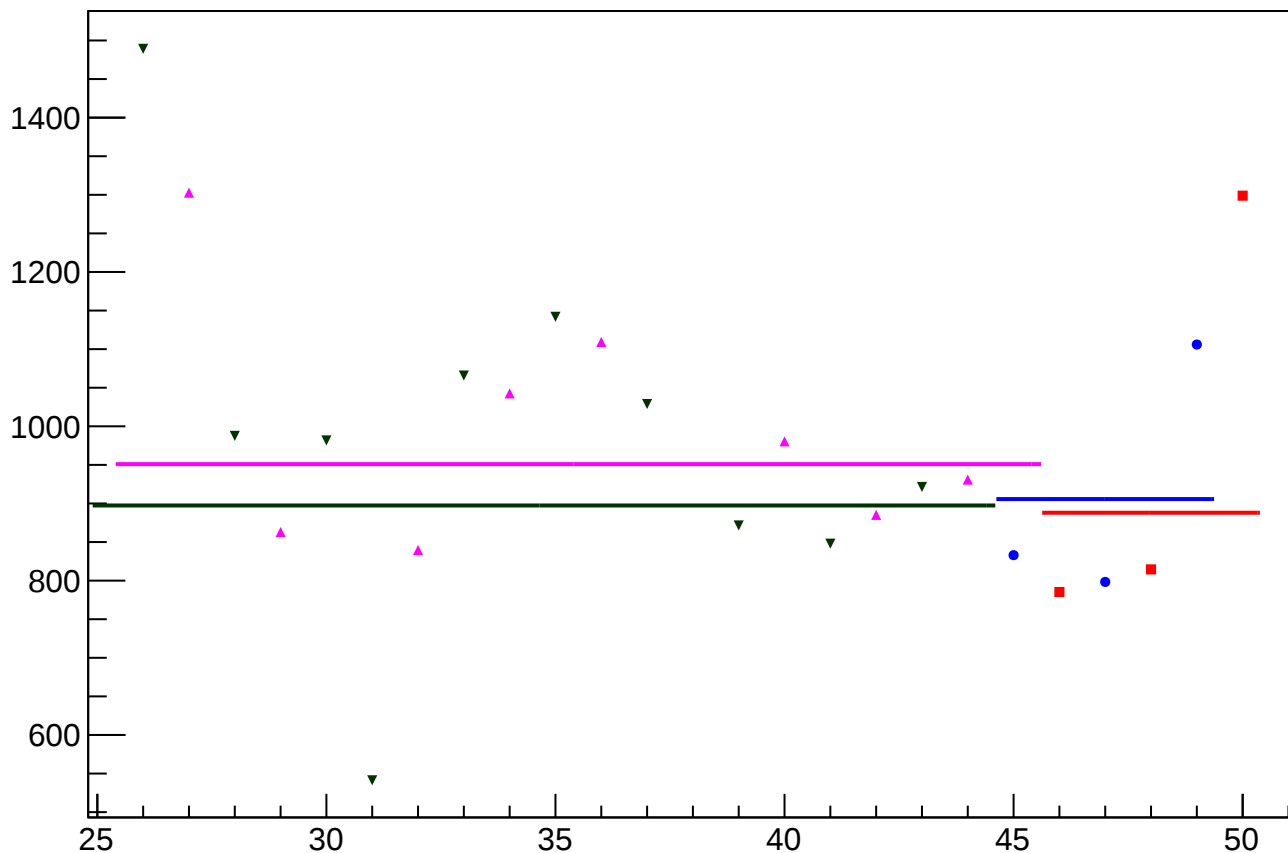
Left Out: 250.509+/-404.977 χ^2/NDF : 5.9/9

Right Out: 759.727+/-748.589 χ^2/NDF : 0.9/2

Left In: -318.803+/-425.542 χ^2/NDF : 10.6/7

21.321+/-251.105 χ^2/NDF : 20.6/23

asym_atl1r2_avg_correction_rms vs slug



Right In: 905.693+/-0.451 χ^2/NDF : 88807.8/2

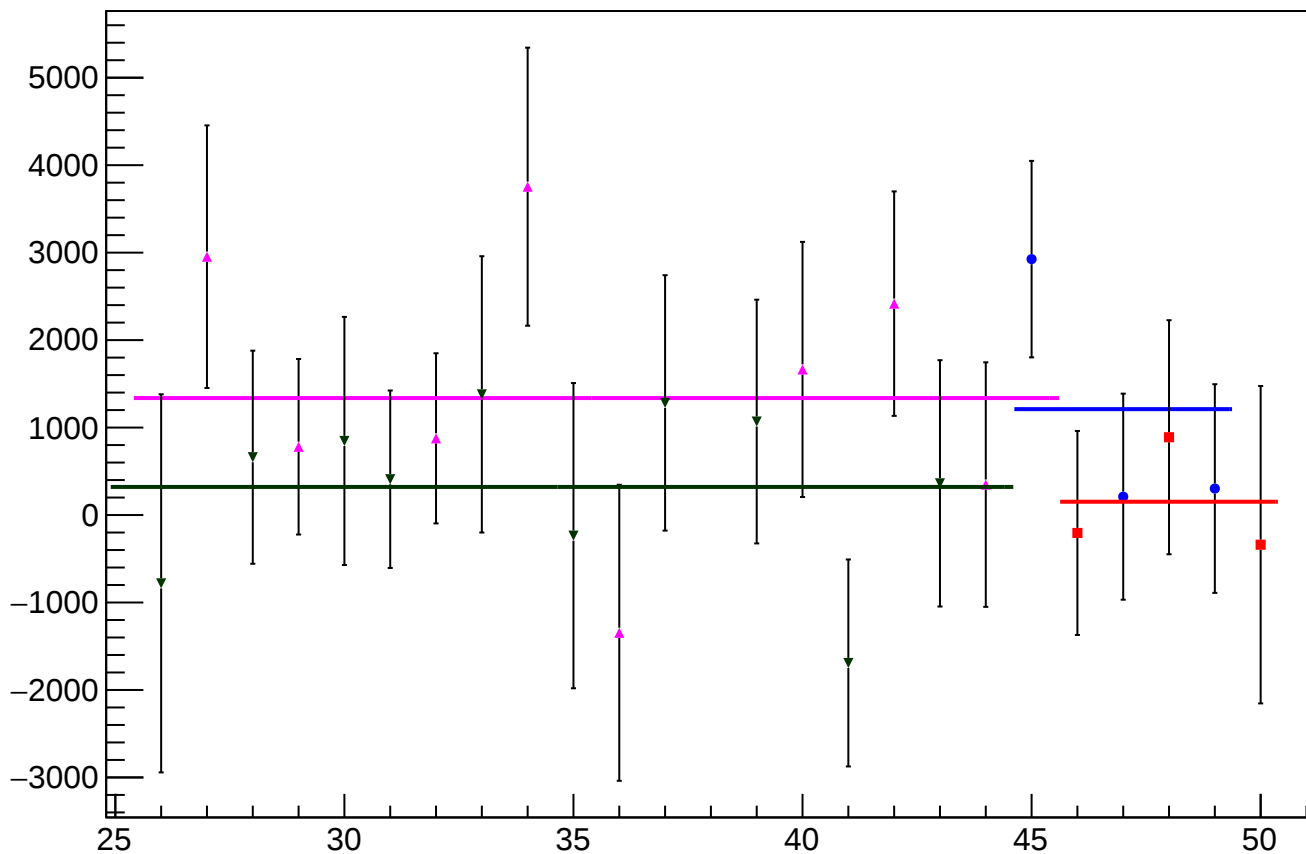
Left Out: 897.406+/-0.286 χ^2/NDF : 588848.0/9

Right Out: 888.003+/-0.529 χ^2/NDF : 132744.2/2

Left In: 950.988+/-0.301 χ^2/NDF : 206850.7/7

916.288+/-0.178 χ^2/NDF : 1038303.4/23

asym_atl1r2_avg_mean vs slug



Right In: 1210.779 $\pm$ 671.694 χ^2 /NDF: 3.6/2

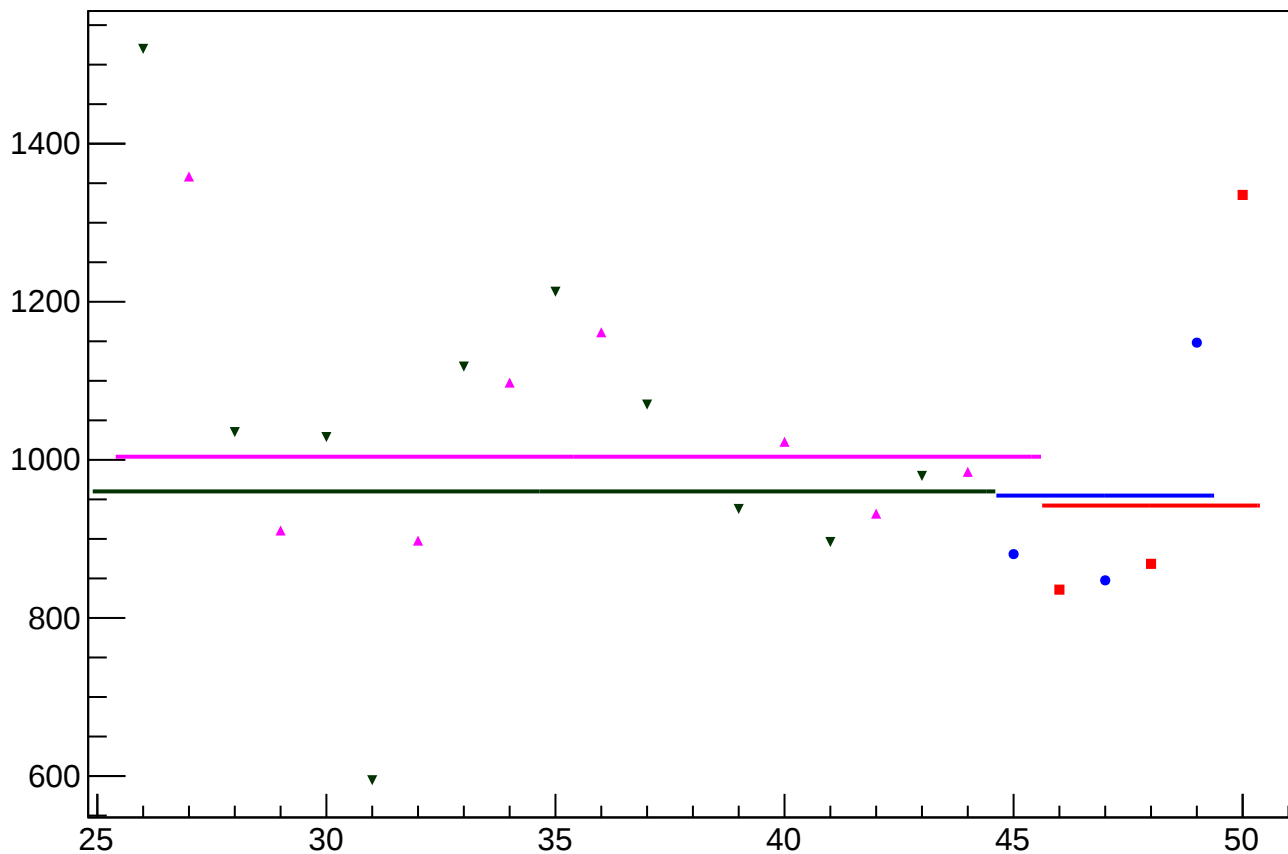
Left Out: 321.331 $\pm$ 434.827 χ^2 /NDF: 4.6/9

Right Out: 152.096 $\pm$ 791.251 χ^2 /NDF: 0.5/2

Left In: 1337.462 $\pm$ 455.096 χ^2 /NDF: 7.8/7

795.620 $\pm$ 267.923 χ^2 /NDF: 20.2/23

asym_atl1r2_avg_rms vs slug



Right In: 954.810+/-0.475 χ^2/NDF : 77884.9/2

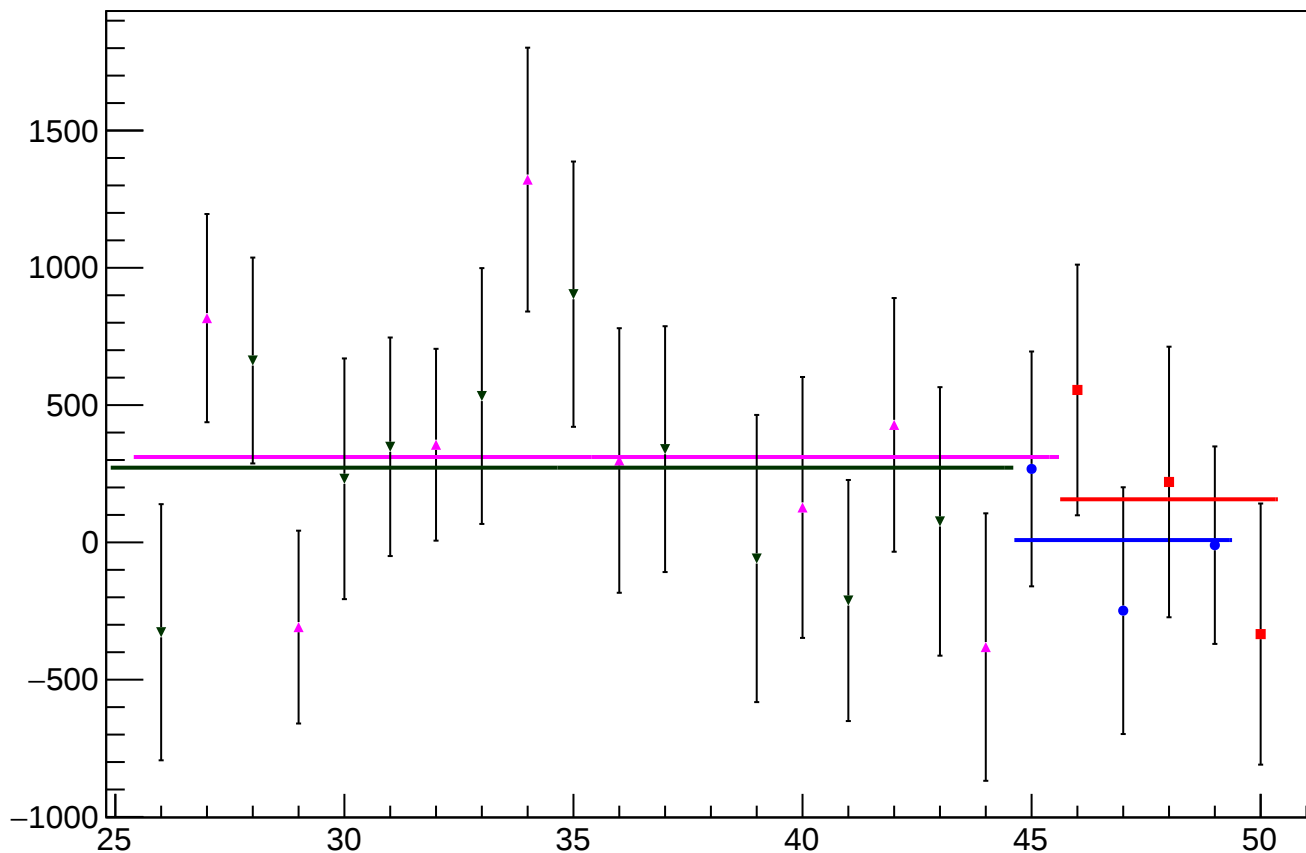
Left Out: 960.100+/-0.307 χ^2/NDF : 485899.3/9

Right Out: 942.204+/-0.559 χ^2/NDF : 116532.3/2

Left In: 1003.988+/-0.322 χ^2/NDF : 183940.1/7

972.418+/-0.189 χ^2/NDF : 879776.4/23

reg_asym_atl1r2_dd_mean vs slug



Right In: 8.448+/-234.714 χ^2/NDF : 0.7/2

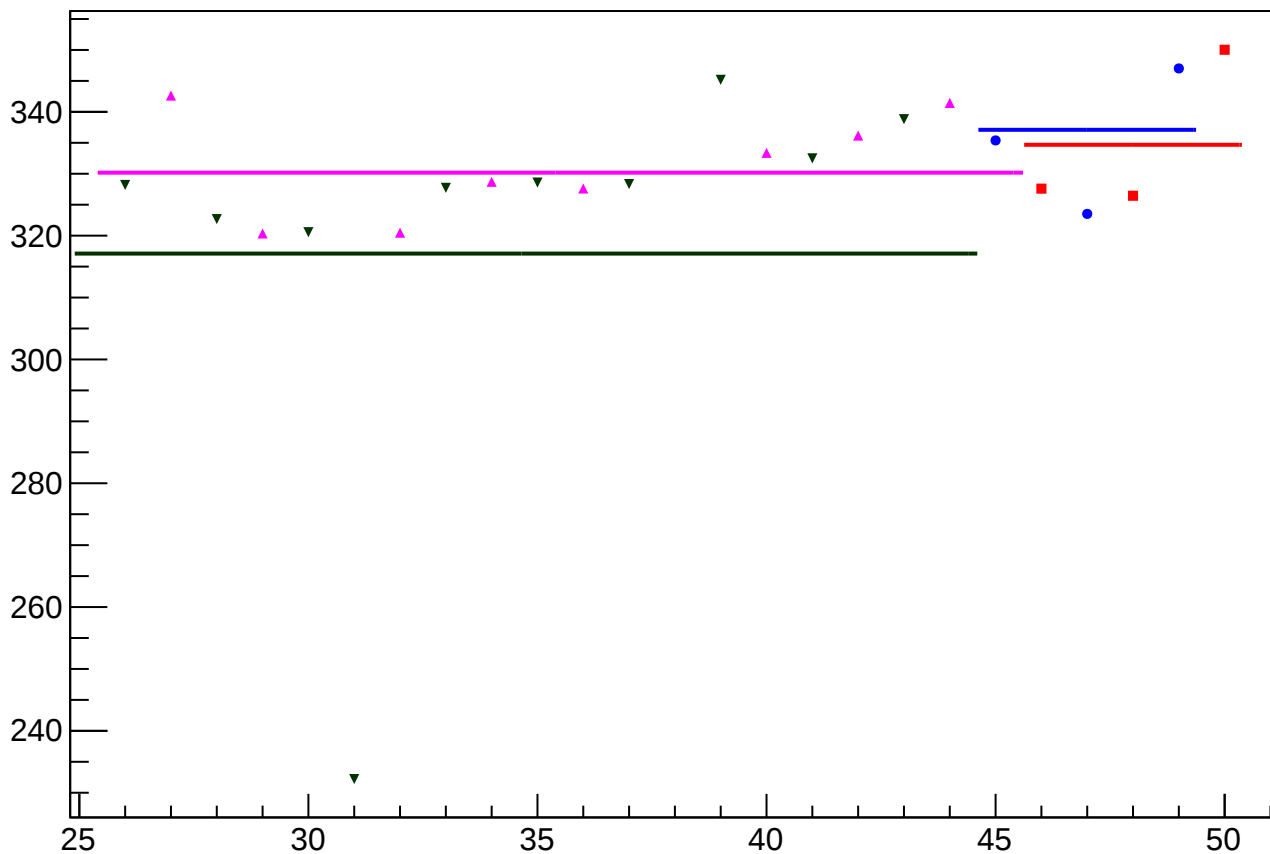
Left Out: 272.098+/-141.223 χ^2/NDF : 6.6/9

Right Out: 156.919+/-273.783 χ^2/NDF : 1.8/2

Left In: 310.926+/-148.691 χ^2/NDF : 11.6/7

236.106+/-88.783 χ^2/NDF : 22.0/23

reg_asym_atl1r2_dd_rms vs slug



Right In: 337.102 $\pm$ 0.166 χ^2 /NDF: 3379.8/2

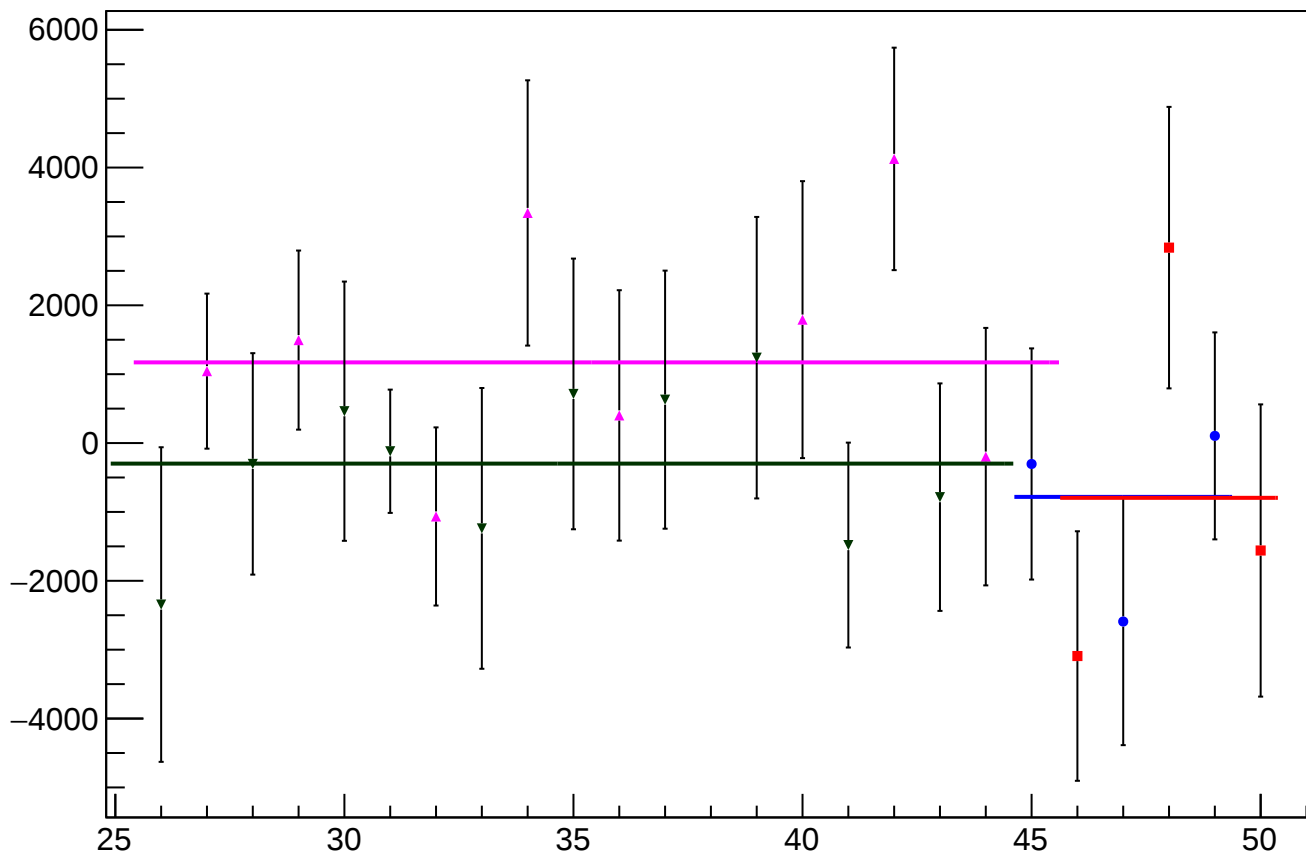
Left Out: 317.105 $\pm$ 0.100 χ^2 /NDF: 108292.1/9

Right Out: 334.679 $\pm$ 0.194 χ^2 /NDF: 3125.2/2

Left In: 330.176 $\pm$ 0.105 χ^2 /NDF: 6835.5/7

326.474 $\pm$ 0.063 χ^2 /NDF: 137571.8/23

asym_atl1r2_dd_correction_mean vs slug



Right In: -781.540+/-949.807 χ^2/NDF : 1.4/2

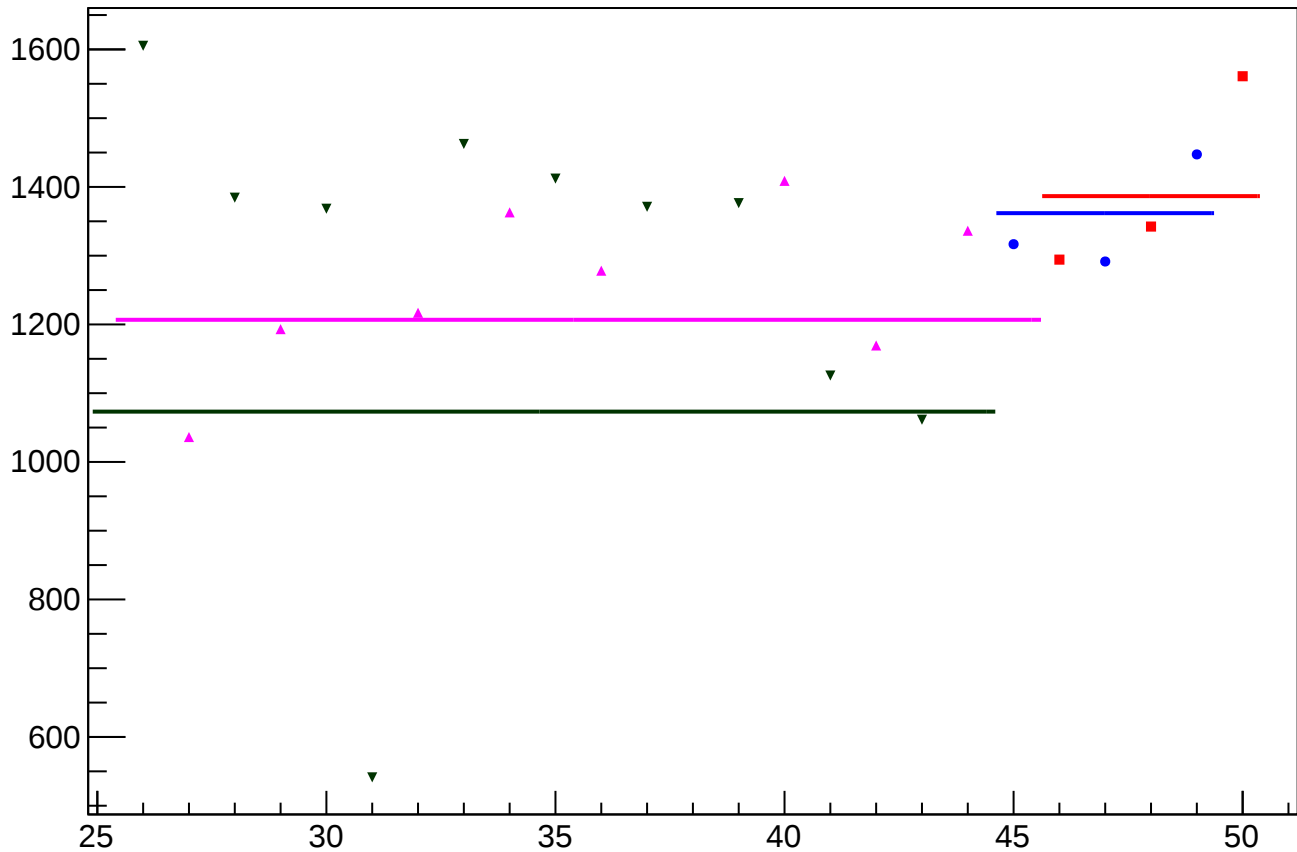
Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

Right Out: -795.221+/-1142.299 χ^2/NDF : 4.9/2

Left In: 1171.342+/-536.997 χ^2/NDF : 8.5/7

151.382+/-328.007 χ^2/NDF : 23.9/23

asym_atl1r2_dd_correction_rms vs slug



Right In: 1361.851+/-0.672 χ^2/NDF : 10983.7/2

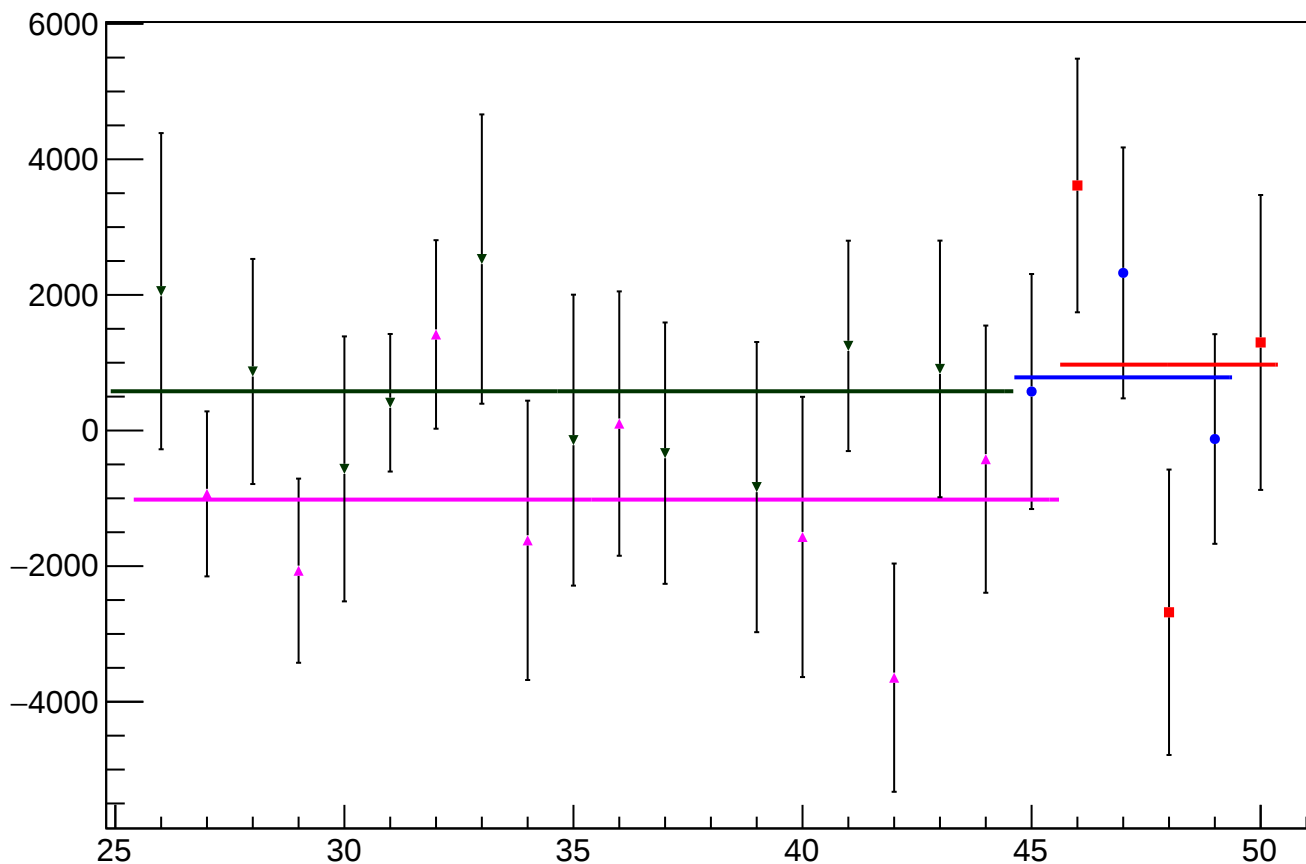
Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9

1183.295+/-0.232 χ^2/NDF : 1526482.8/23

Right Out: 1386.622+/-0.808 χ^2/NDF : 19648.2/2

Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

asym_atl1r2_dd_mean vs slug



Right In: 784.049+/-978.917 χ^2/NDF : 1.1/2

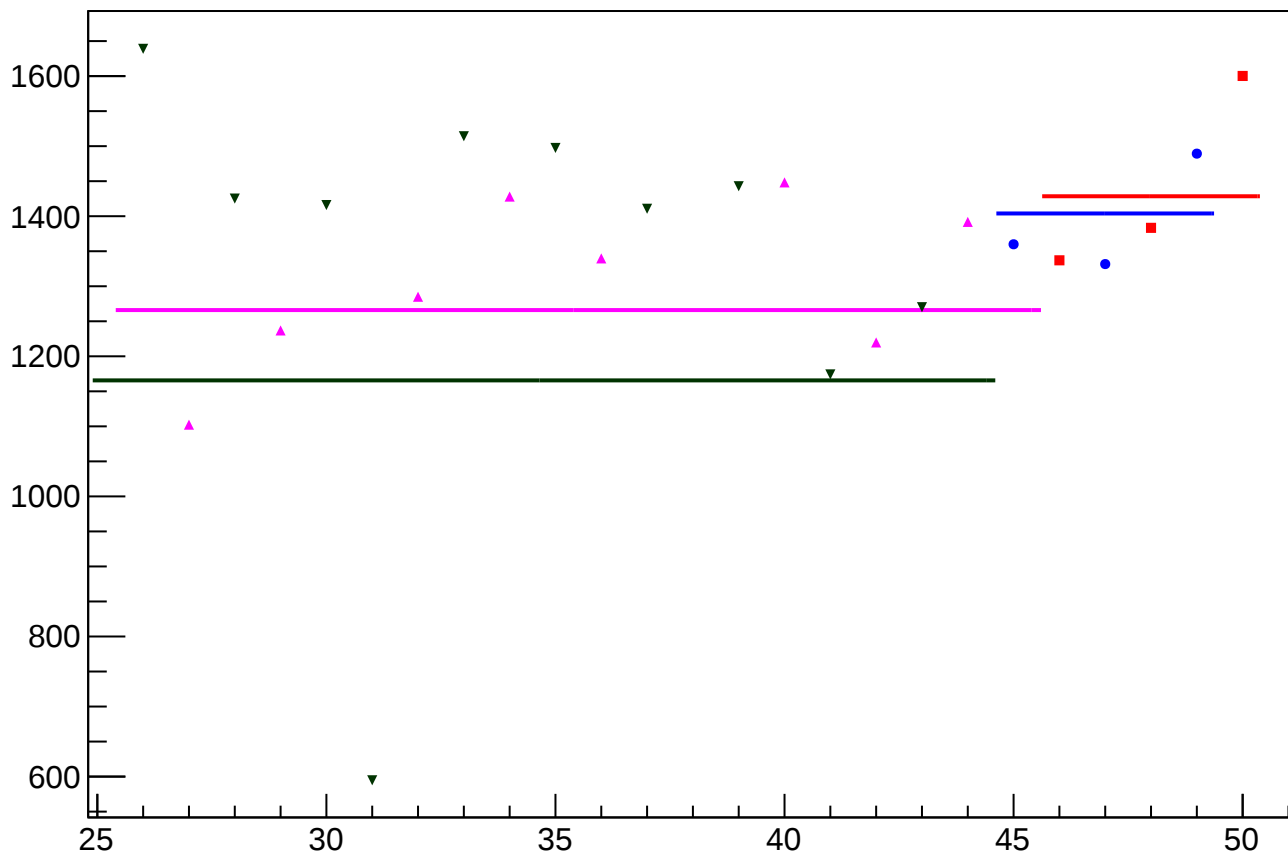
Left Out: 579.001+/-542.319 χ^2/NDF : 2.6/9

Right Out: 971.705+/-1175.958 χ^2/NDF : 5.0/2

Left In: -1018.709+/-569.922 χ^2/NDF : 6.7/7

42.836+/-348.251 χ^2/NDF : 21.0/23

asym_atl1r2_dd_rms vs slug



Right In: 1403.912 ± 0.692 χ^2/NDF : 10441.4/2

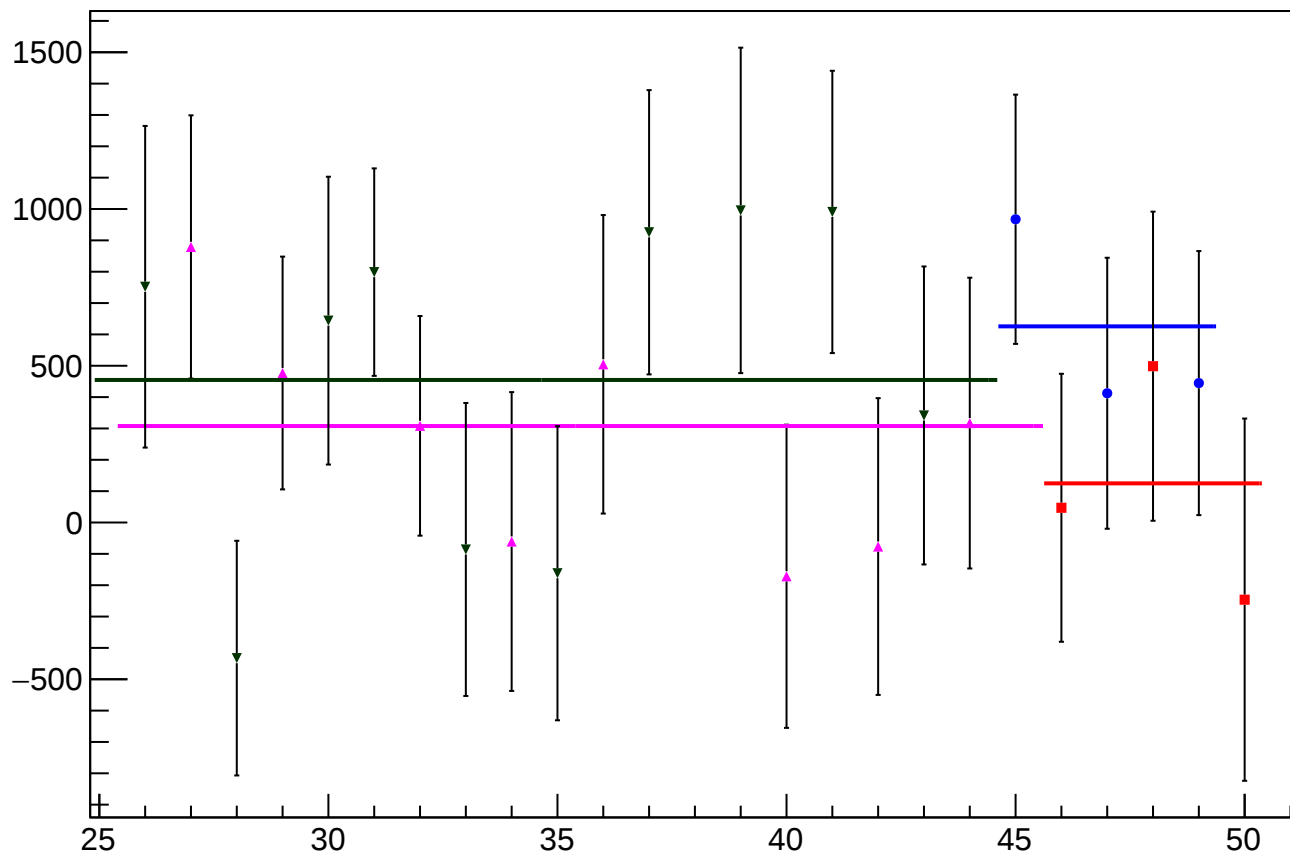
Left Out: 1165.616 ± 0.383 χ^2/NDF : 970870.7/9

Right Out: 1428.474 ± 0.832 χ^2/NDF : 18173.6/2

Left In: 1265.999 ± 0.403 χ^2/NDF : 77911.6/7

1256.309 ± 0.246 χ^2/NDF : 1222246.4/23

reg_asym_atr1l2_avg_mean vs slug



Right In: 625.651 $\pm$ 240.300 χ^2 /NDF: 1.2/2

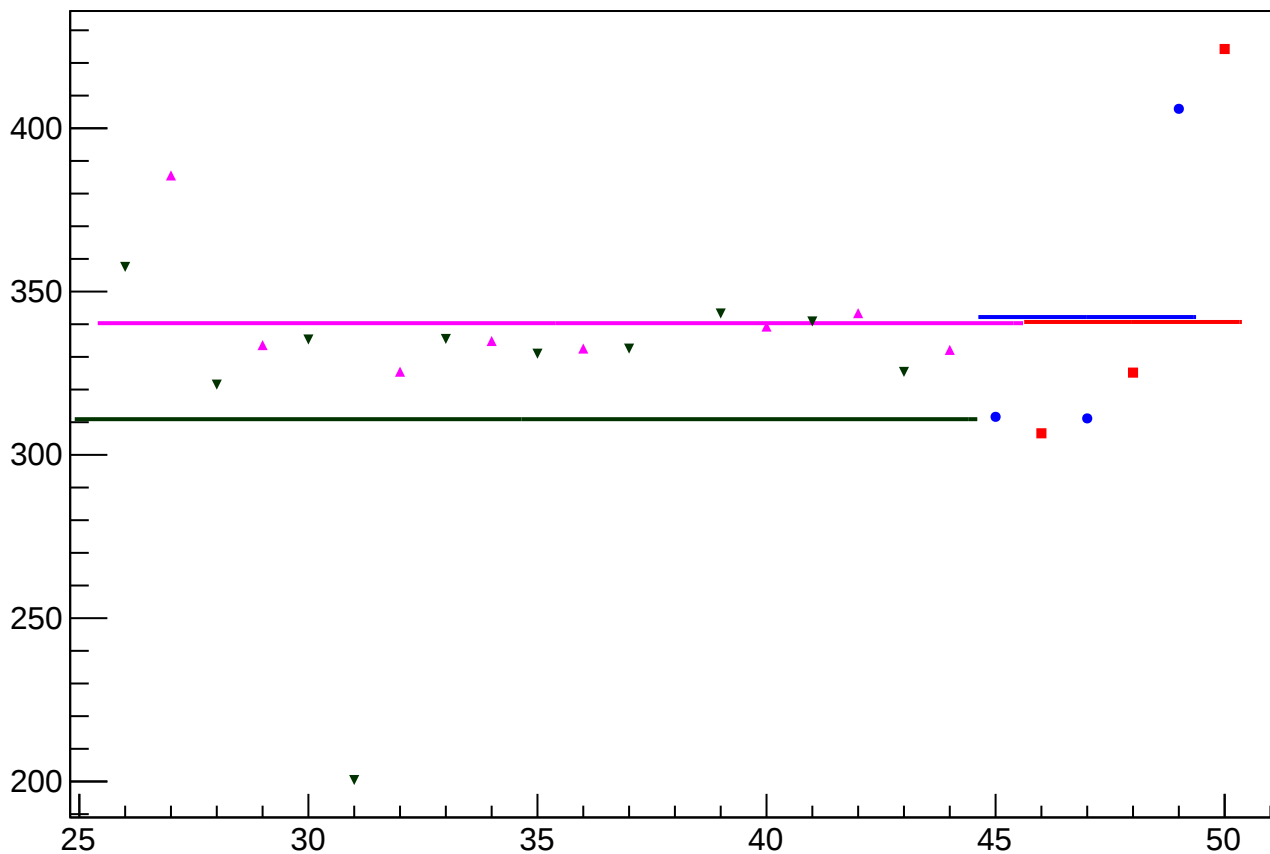
Left Out: 454.702 $\pm$ 138.846 χ^2 /NDF:13.9/9

Right Out: 124.852 $\pm$ 281.896 χ^2 /NDF: 1.0/2

Left In: 307.710 $\pm$ 151.999 χ^2 /NDF:4.5/7

394.308 $\pm$ 89.422 χ^2 /NDF: 22.9/23

reg_asym_atr1l2_avg_rms vs slug



Right In: 342.200 $\pm$ 0.170 χ^2 /NDF: 67950.4/2

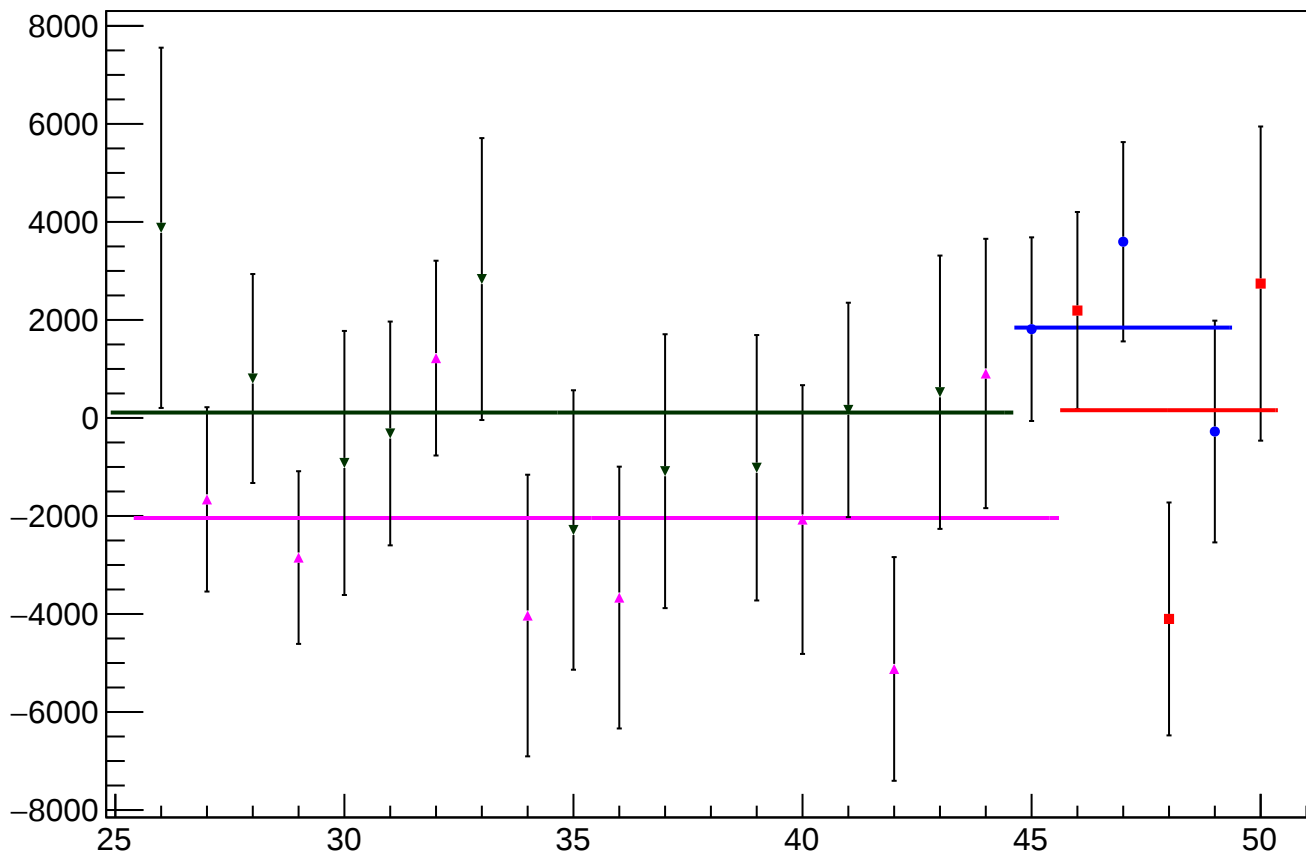
Left Out: 310.928 $\pm$ 0.098 χ^2 /NDF: 278877.1/9

Right Out: 340.693 $\pm$ 0.199 χ^2 /NDF: 56550.1/2

Left In: 340.323 $\pm$ 0.107 χ^2 /NDF: 28978.9/7

328.427 $\pm$ 0.063 χ^2 /NDF: 486733.0/23

asym_atr1l2_avg_correction_mean vs slug



Right In: 1844.149 $\pm$ 1176.813 χ^2/NDF : 1.6/2

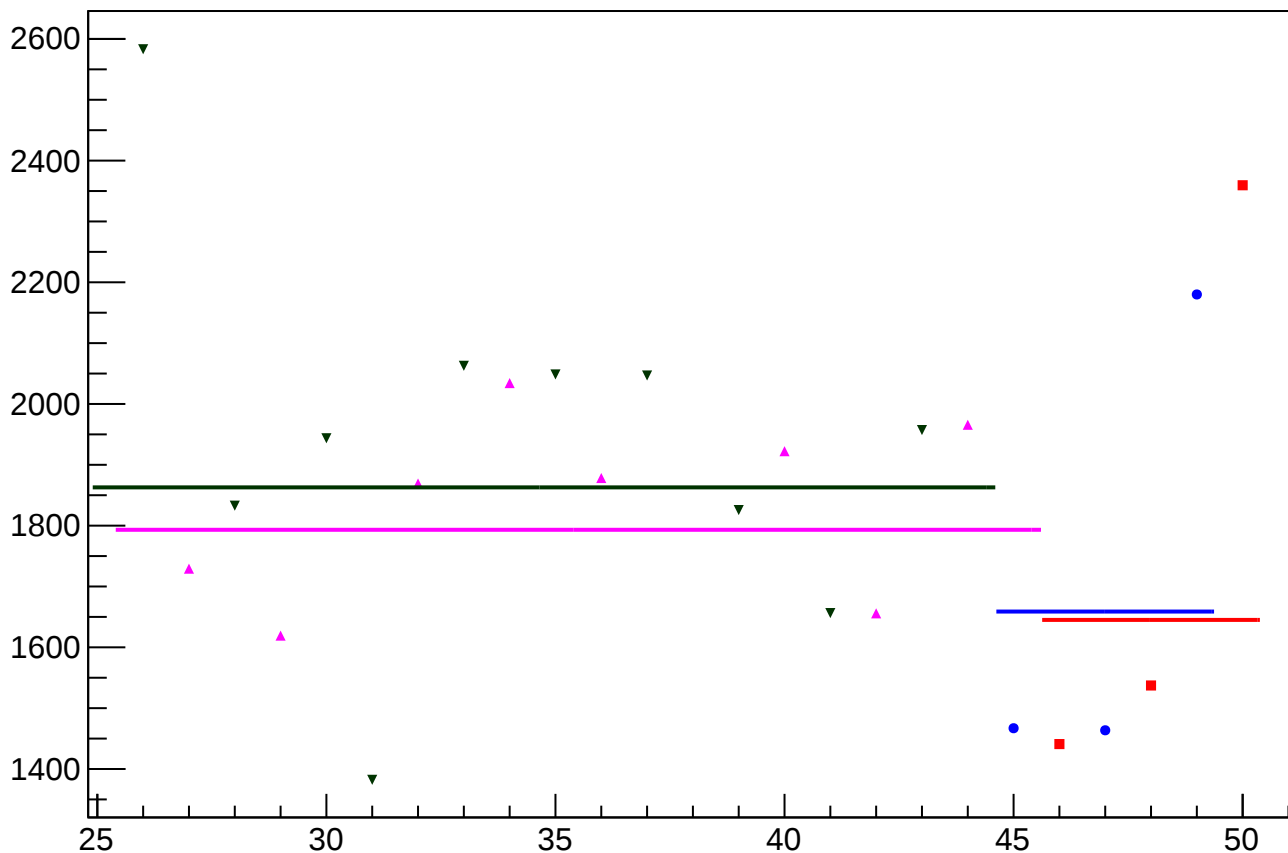
Left Out: 110.611 $\pm$ 824.937 χ^2/NDF : 3.3/9

Right Out: 158.108 $\pm$ 1384.549 χ^2/NDF : 4.9/2

Left In: -2041.346 $\pm$ 796.392 χ^2/NDF : 6.8/7

-382.744 $\pm$ 482.811 χ^2/NDF : 25.0/23

asym_atr1l2_avg_correction_rms vs slug



Right In: 1658.799+/-0.832 χ^2/NDF : 145514.0/2

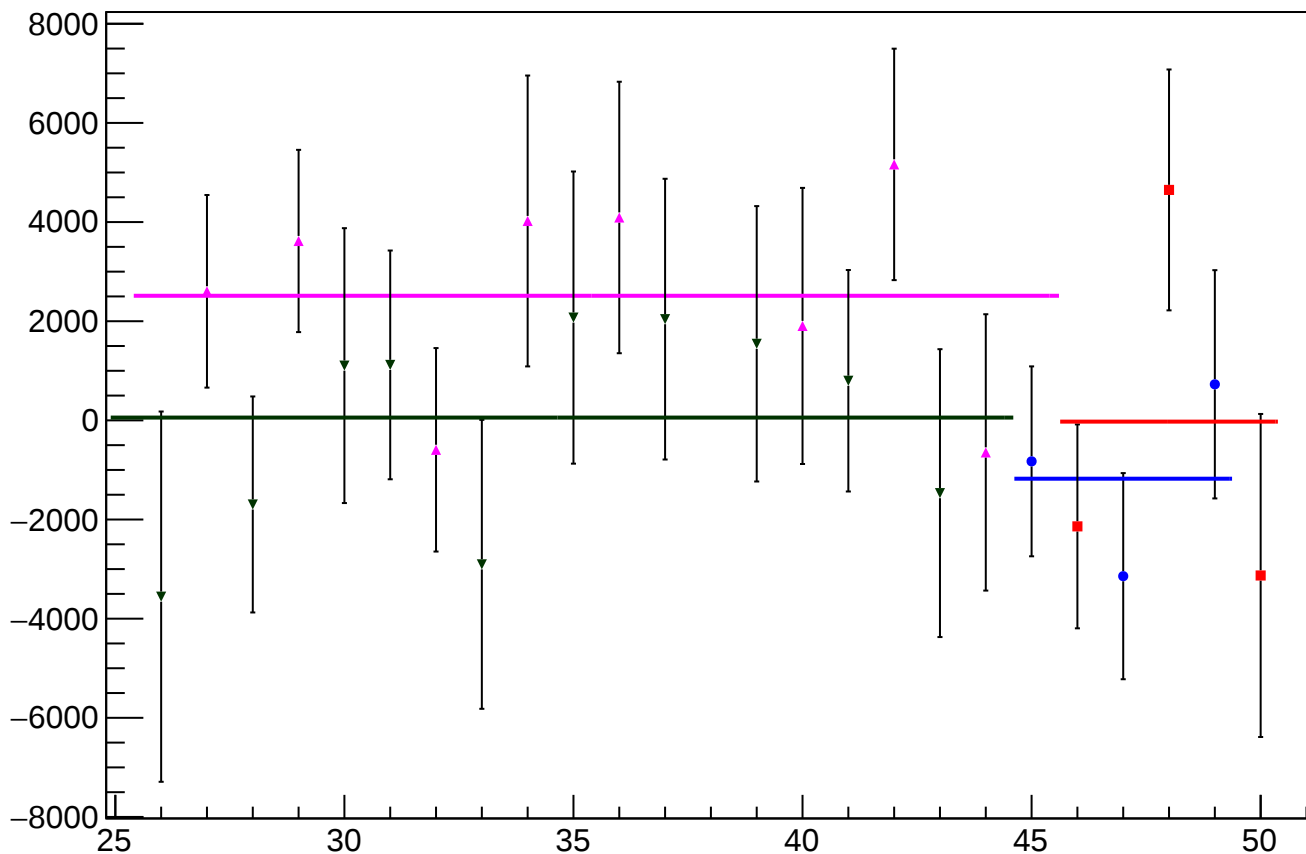
Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

Right Out: 1645.063+/-0.979 χ^2/NDF : 124074.3/2

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

1776.436+/-0.341 χ^2/NDF : 605761.1/23

asym_atr1l2_avg_mean vs slug



Right In: -1176.747 $\pm$ 1201.606 χ^2/NDF : 1.6/2

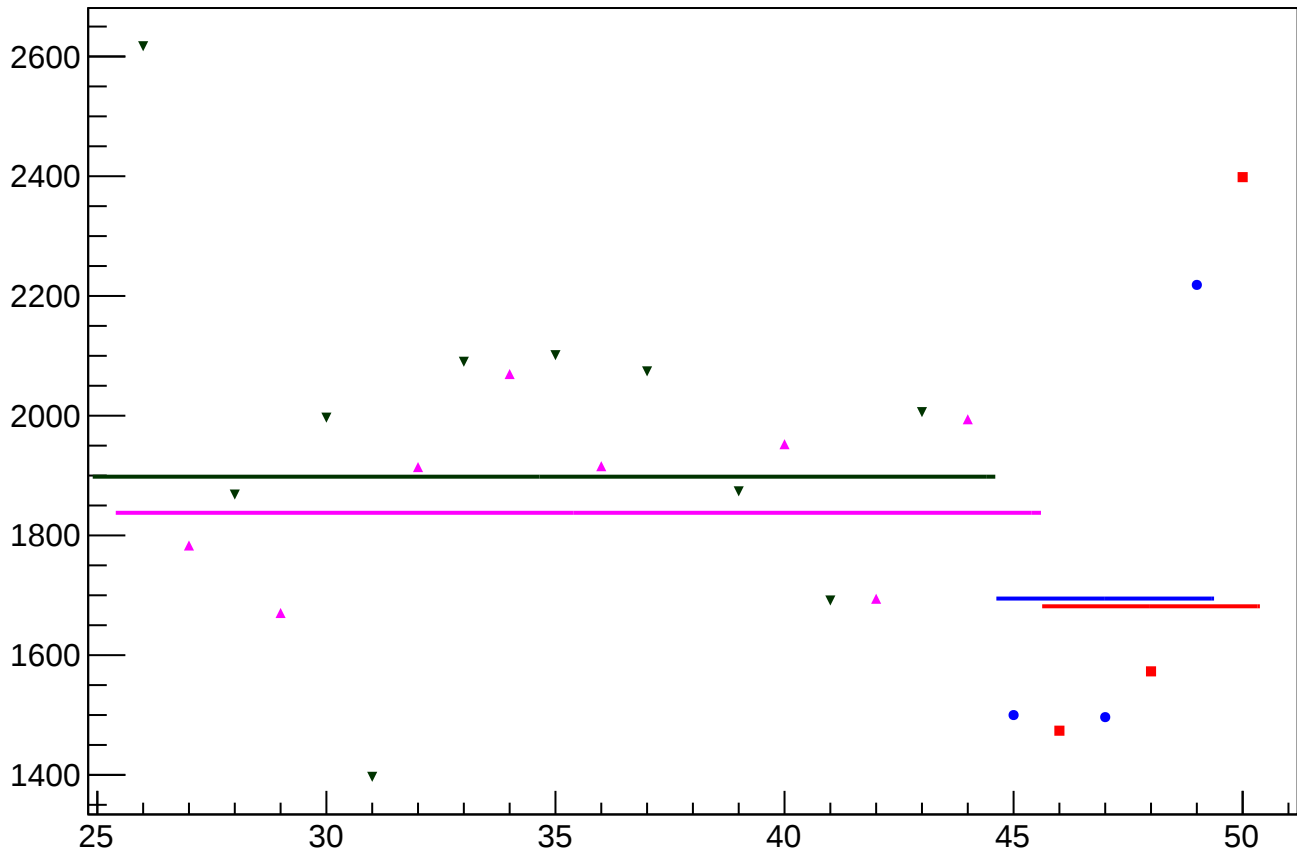
Left Out: 56.371 $\pm$ 843.149 χ^2/NDF : 4.6/9

Right Out: -25.215 $\pm$ 1414.175 χ^2/NDF : 5.7/2

Left In: 2513.421 $\pm$ 819.489 χ^2/NDF : 5.9/7

732.406 $\pm$ 494.568 χ^2/NDF : 25.9/23

asym_atr1l2_avg_rms vs slug



Right In: 1694.543+/-0.850 χ^2/NDF : 142392.2/2

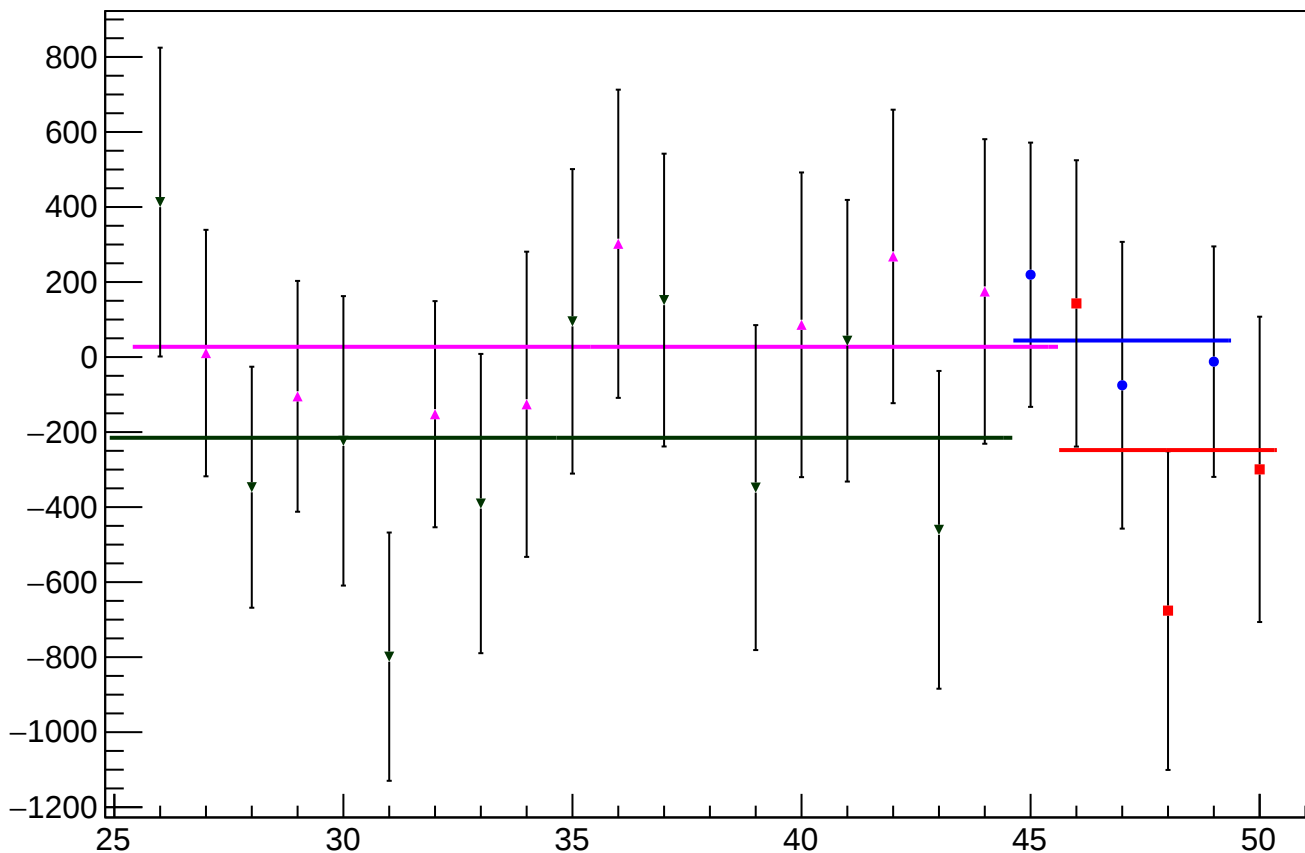
Left Out: 1898.125+/-0.596 χ^2/NDF :217407.8/9

1815.186+/-0.350 χ^2/NDF : 592181.1/23

Right Out: 1681.612+/-1.000 χ^2/NDF : 121236.7/2

Left In: 1837.803+/-0.579 χ^2/NDF :52264.8/7

reg_asym_atr1l2_dd_mean vs slug



Right In: 44.109 $\pm$ 198.034 χ^2/NDF : 0.4/2

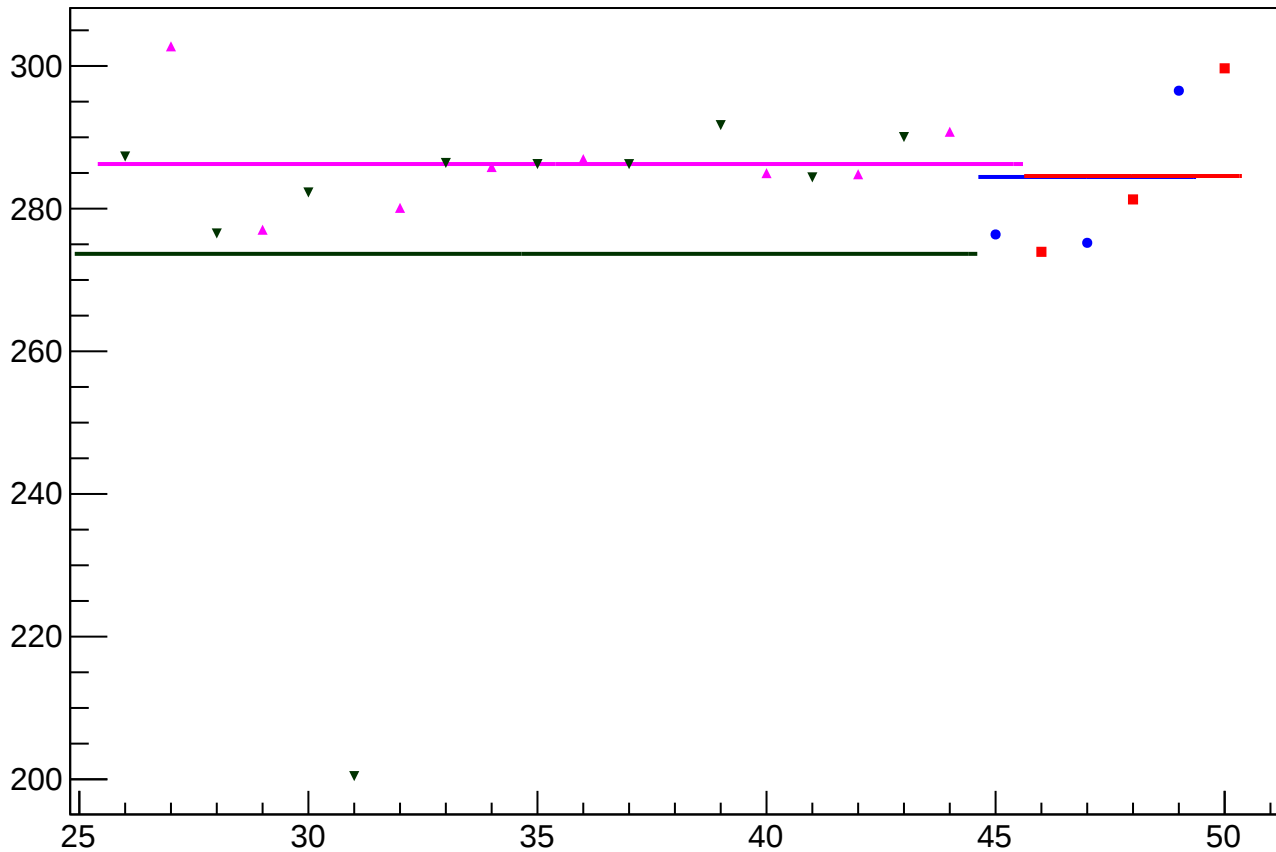
Left Out: -215.198 $\pm$ 120.951 χ^2/NDF : 8.2/9

Right Out: -247.971 $\pm$ 232.840 χ^2/NDF : 2.1/2

Left In: 27.345 $\pm$ 127.553 χ^2/NDF : 1.7/7

-94.834 $\pm$ 75.861 χ^2/NDF : 15.1/23

reg_asym_atr1l2_dd_rms vs slug



Right In: 284.440 $\pm$ 0.140 χ^2 /NDF: 5312.1/2

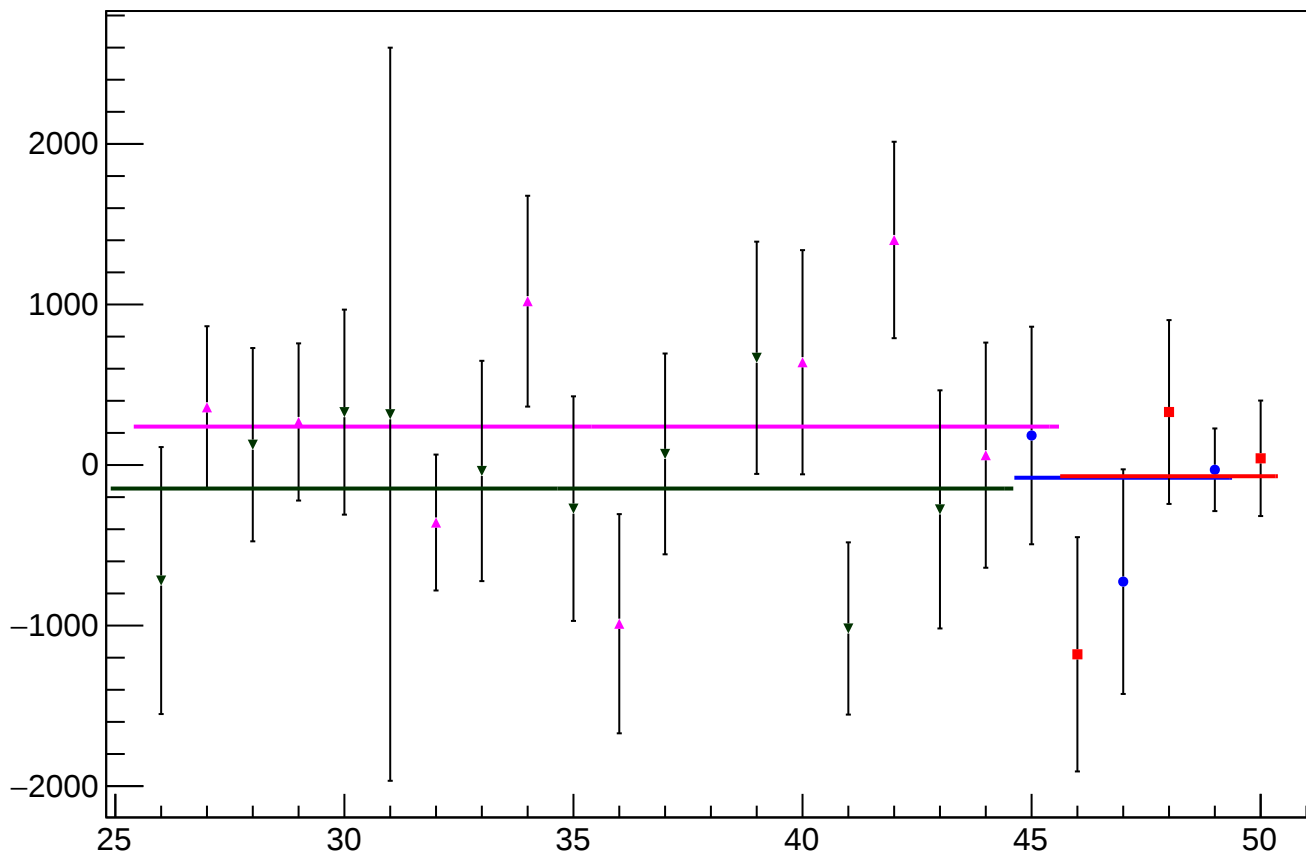
Left Out: 273.662 $\pm$ 0.086 χ^2 /NDF: 115390.2/9

Right Out: 284.574 $\pm$ 0.165 χ^2 /NDF: 4422.3/2

Left In: 286.254 $\pm$ 0.090 χ^2 /NDF: 7968.5/7

280.856 $\pm$ 0.054 χ^2 /NDF: 144915.6/23

asym_atr1l2_dd_correction_mean vs slug



Right In: -79.181 ± 227.524 χ^2/NDF : 1.0/2

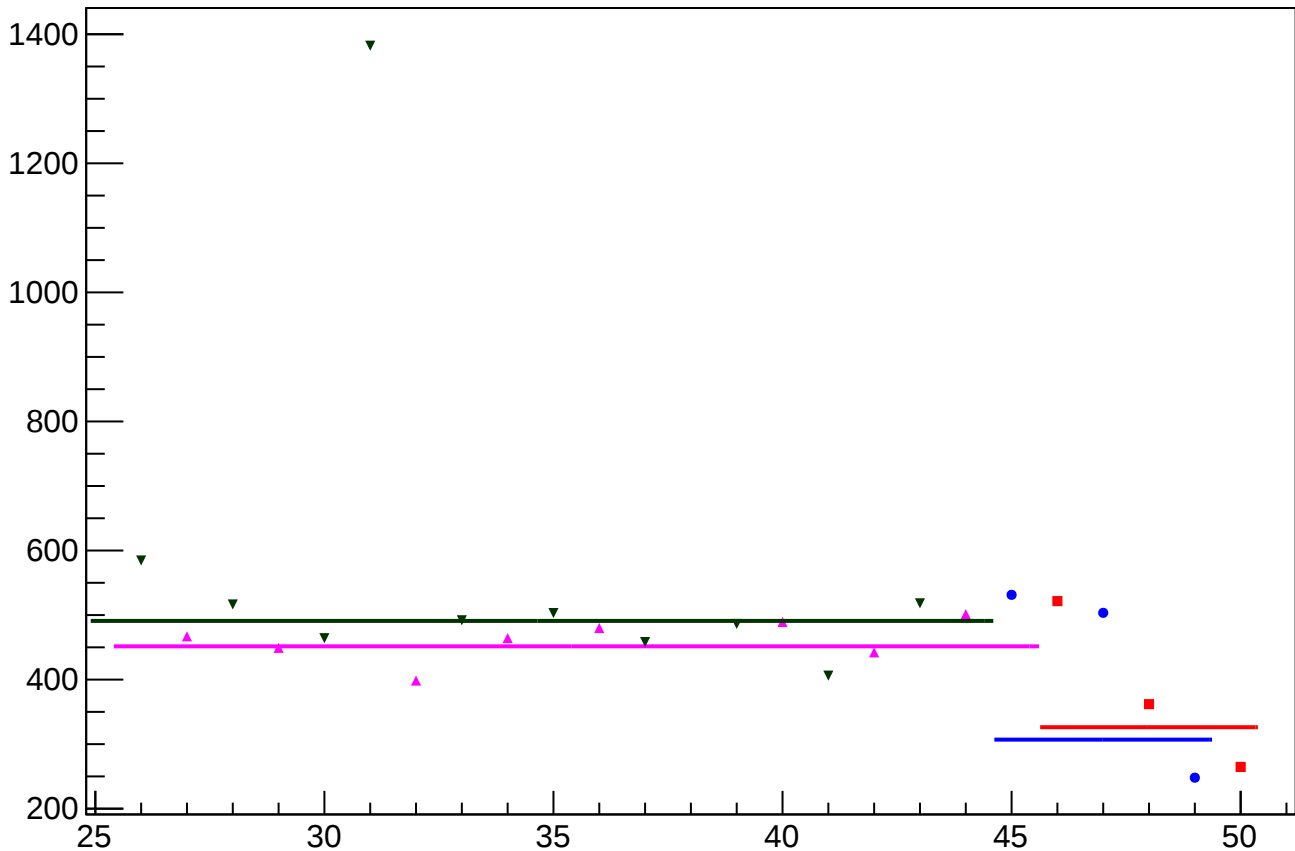
Left Out: -146.460 ± 219.375 χ^2/NDF : 5.4/9

Right Out: -69.824 ± 281.058 χ^2/NDF : 2.9/2

Left In: 239.342 ± 200.411 χ^2/NDF : 10.7/7

6.468 ± 113.480 χ^2/NDF : 22.1/23

asym_atr1l2_dd_correction_rms vs slug



Right In: 306.993+/-0.161 χ^2/NDF : 481994.8/2

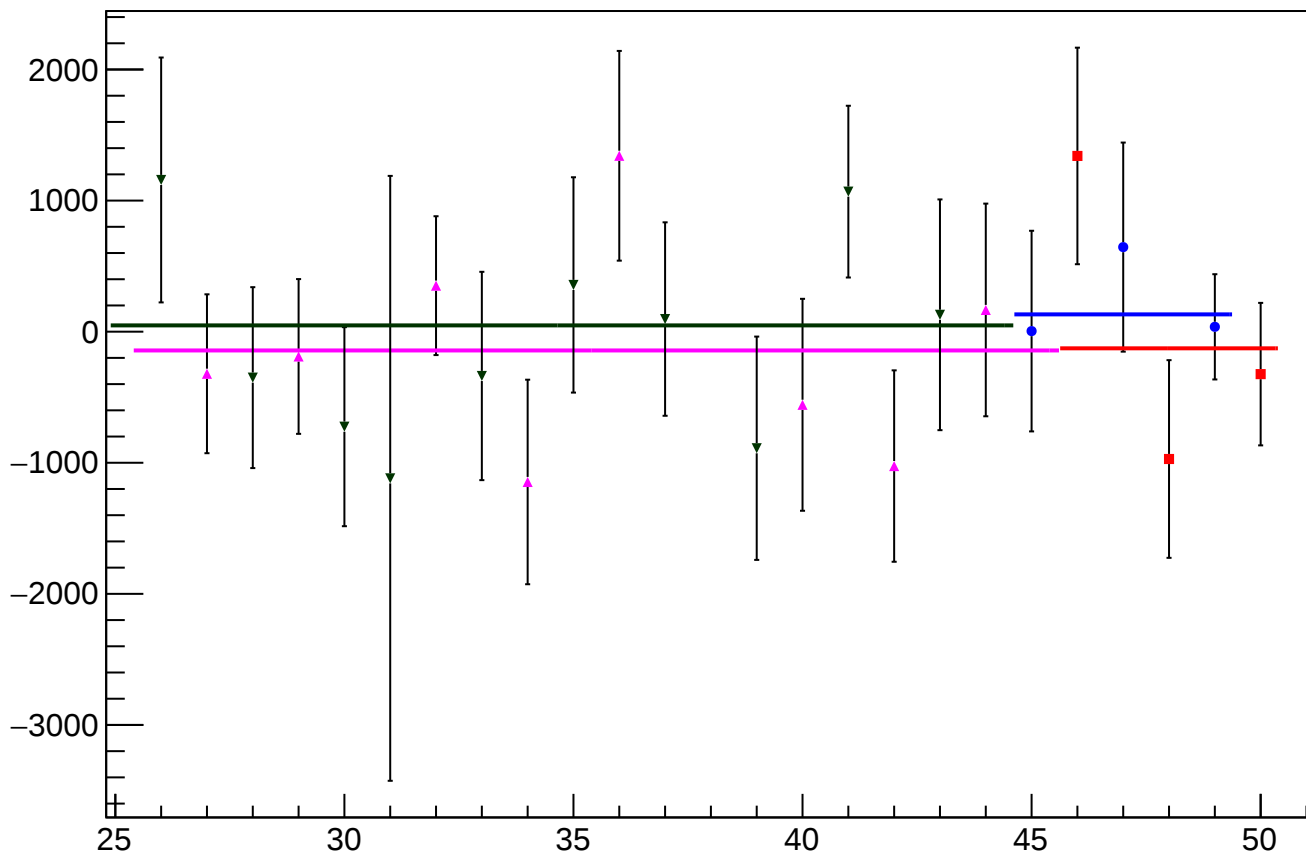
Left Out: 490.946+/-0.155 χ^2/NDF : 396061.5/9

405.704+/-0.080 χ^2/NDF : 2084807.3/23

Right Out: 326.243+/-0.199 χ^2/NDF : 209827.6/2

Left In: 451.550+/-0.142 χ^2/NDF : 53985.5/7

asym_atr1l2_dd_mean vs slug



Right In: 131.925 $\pm$ 324.695 χ^2/NDF : 0.5/2

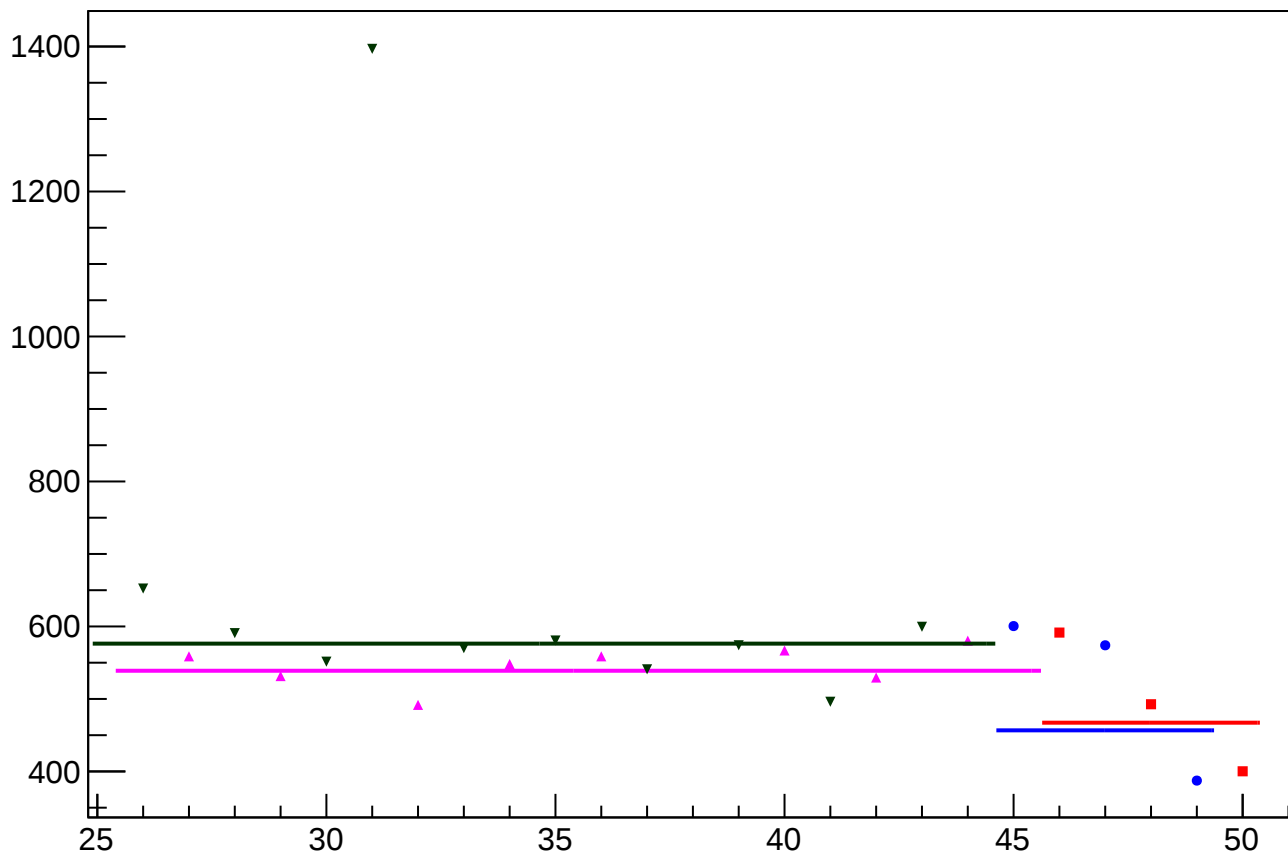
Left Out: 47.962 $\pm$ 257.579 χ^2/NDF : 7.1/9

Right Out: -127.029 $\pm$ 388.972 χ^2/NDF : 4.5/2

Left In: -143.227 $\pm$ 240.493 χ^2/NDF : 7.9/7

-27.689 $\pm$ 143.656 χ^2/NDF : 20.7/23

asym_atr1l2_dd_rms vs slug



Right In: 456.687+/-0.230 χ^2/NDF : 173575.1/2

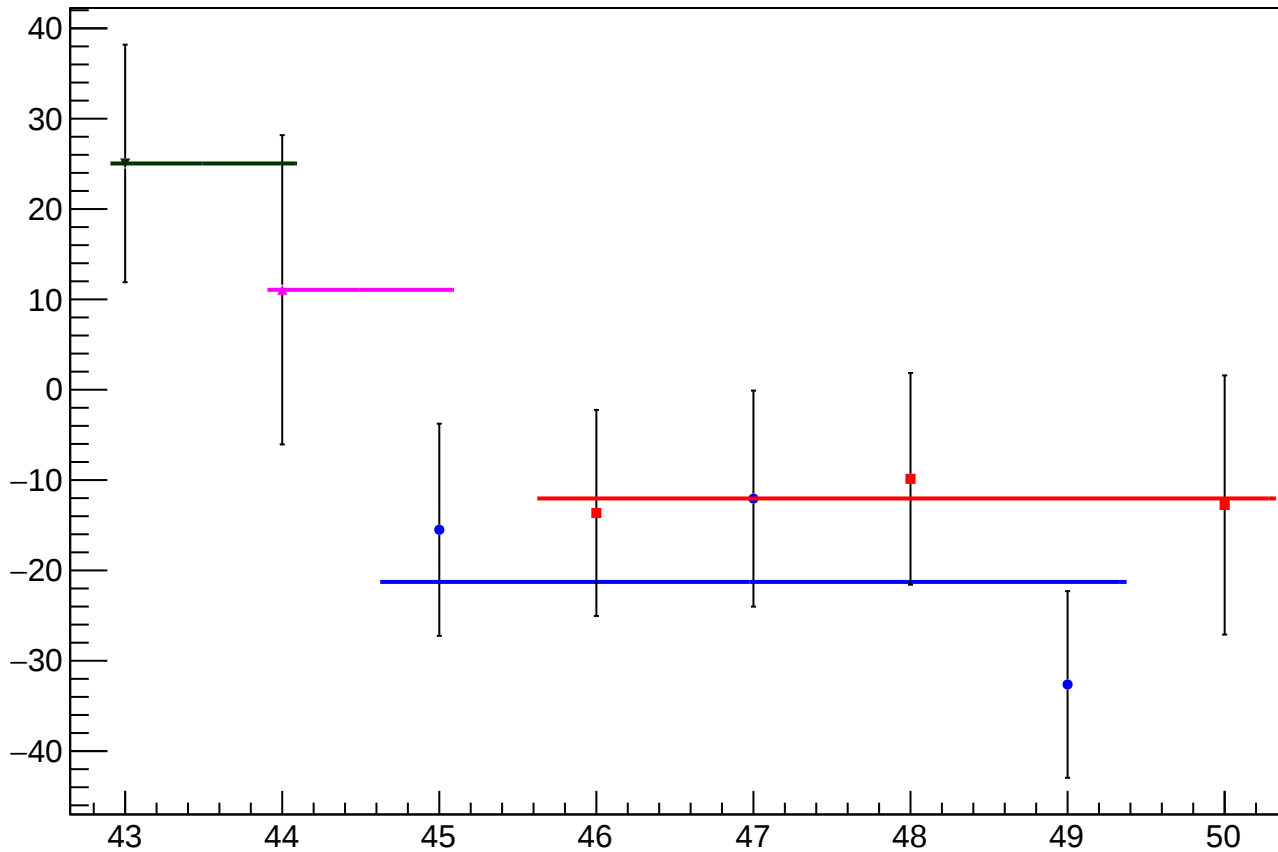
Left Out: 576.304+/-0.182 χ^2/NDF : 305346.9/9

Right Out: 467.250+/-0.275 χ^2/NDF : 78009.7/2

Left In: 538.892+/-0.170 χ^2/NDF : 27750.6/7

524.665+/-0.102 χ^2/NDF : 803303.4/23

diff_bpm0l01X_mean vs slug



Right In: -21.273±/6.507 χ^2 /NDF: 2.0/2

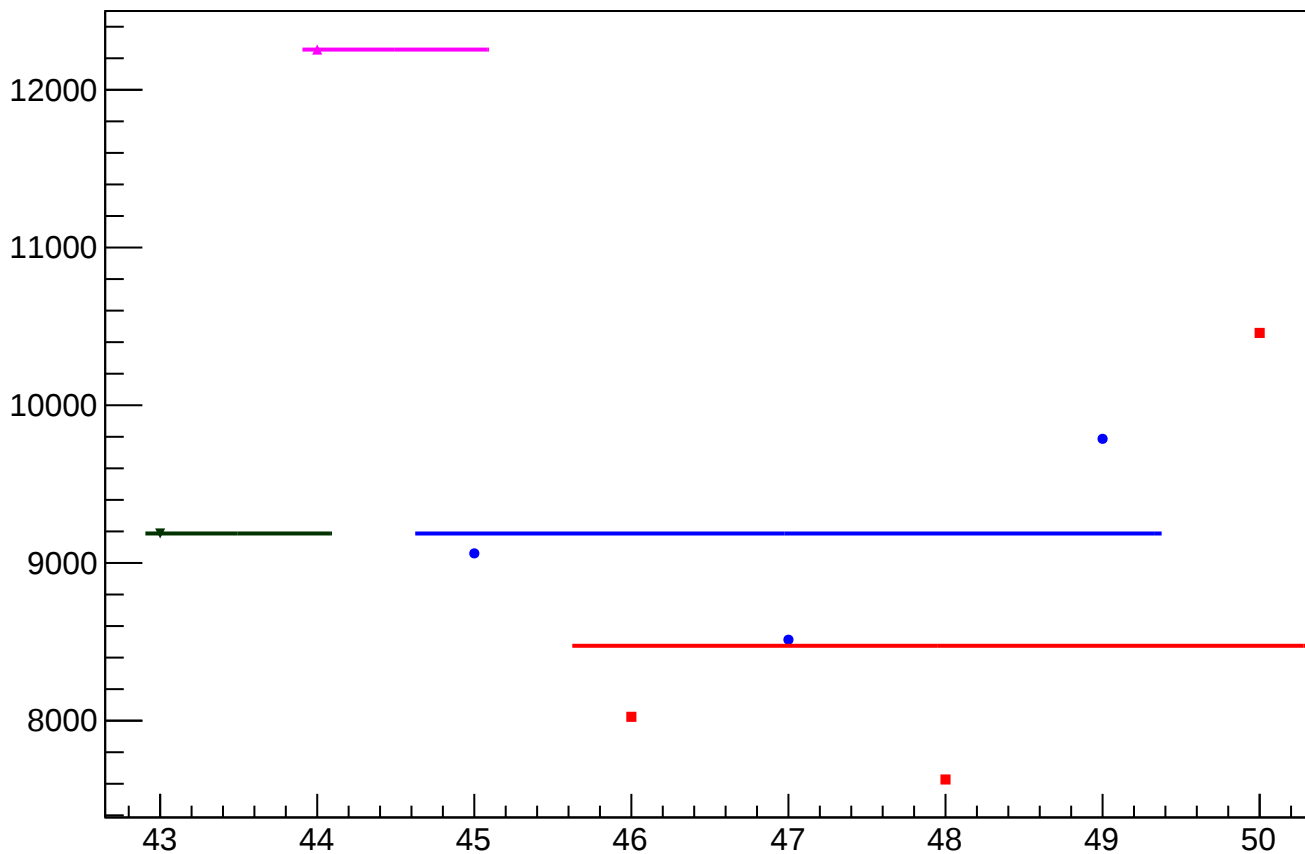
Left Out: 25.043±/13.149 χ^2 /NDF: 0.0/0

Right Out: -12.035±/7.100 χ^2 /NDF: 0.1/2

Left In: 11.060±/17.116 χ^2 /NDF: 0.0/0

-10.608±/4.358 χ^2 /NDF: 13.8/7

diff_bpm0l01X_rms vs slug



Right In: 9186.836 $\pm$ 4.601 χ^2 /NDF: 13325.6/2

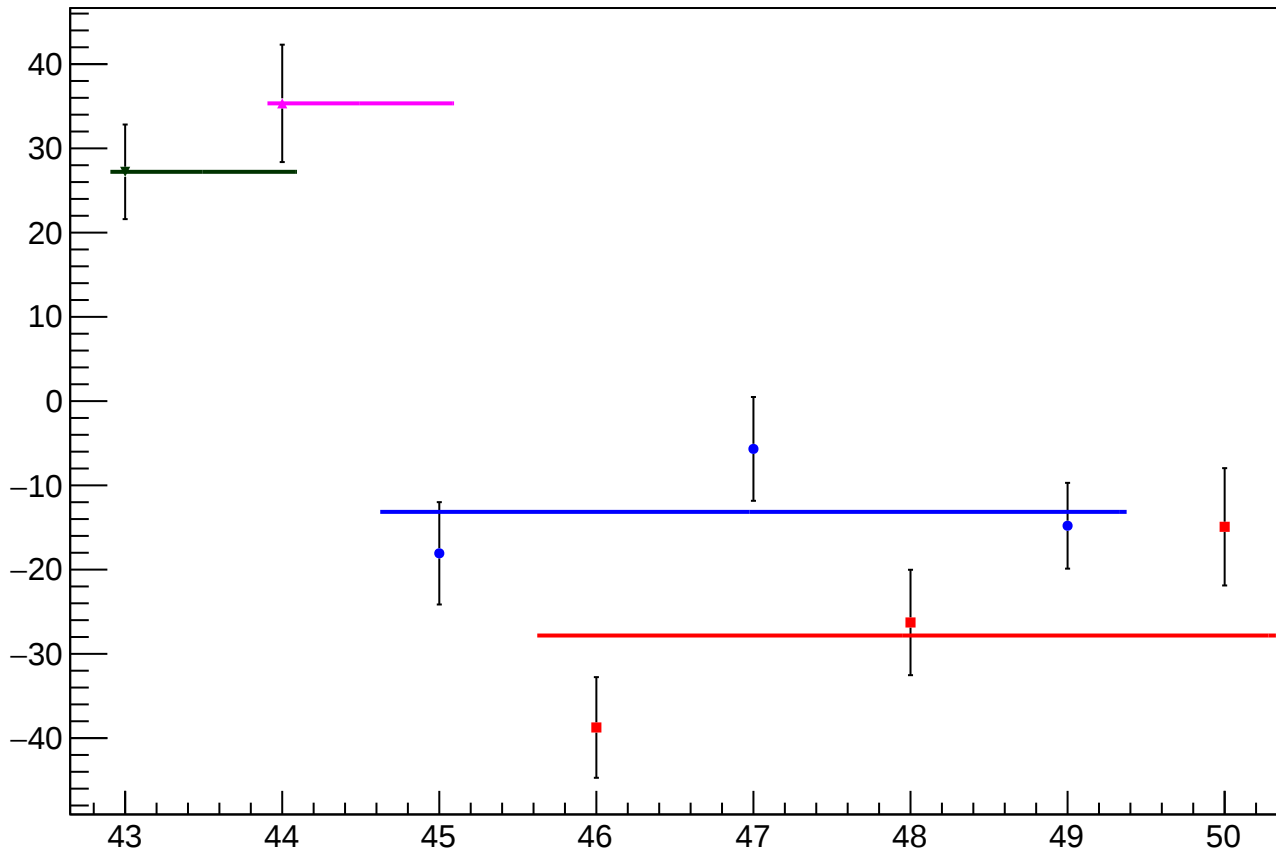
Left Out: 9187.011 $\pm$ 9.298 χ^2 /NDF: 0.0/0

9117.574 $\pm$ 3.082 χ^2 /NDF: 149048.5/7

Right Out: 8474.942 $\pm$ 5.021 χ^2 /NDF: 51849.0/2

Left In: 12255.114 $\pm$ 12.103 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs slug



Right In: -13.147 ± 3.297 χ^2/NDF : 2.2/2

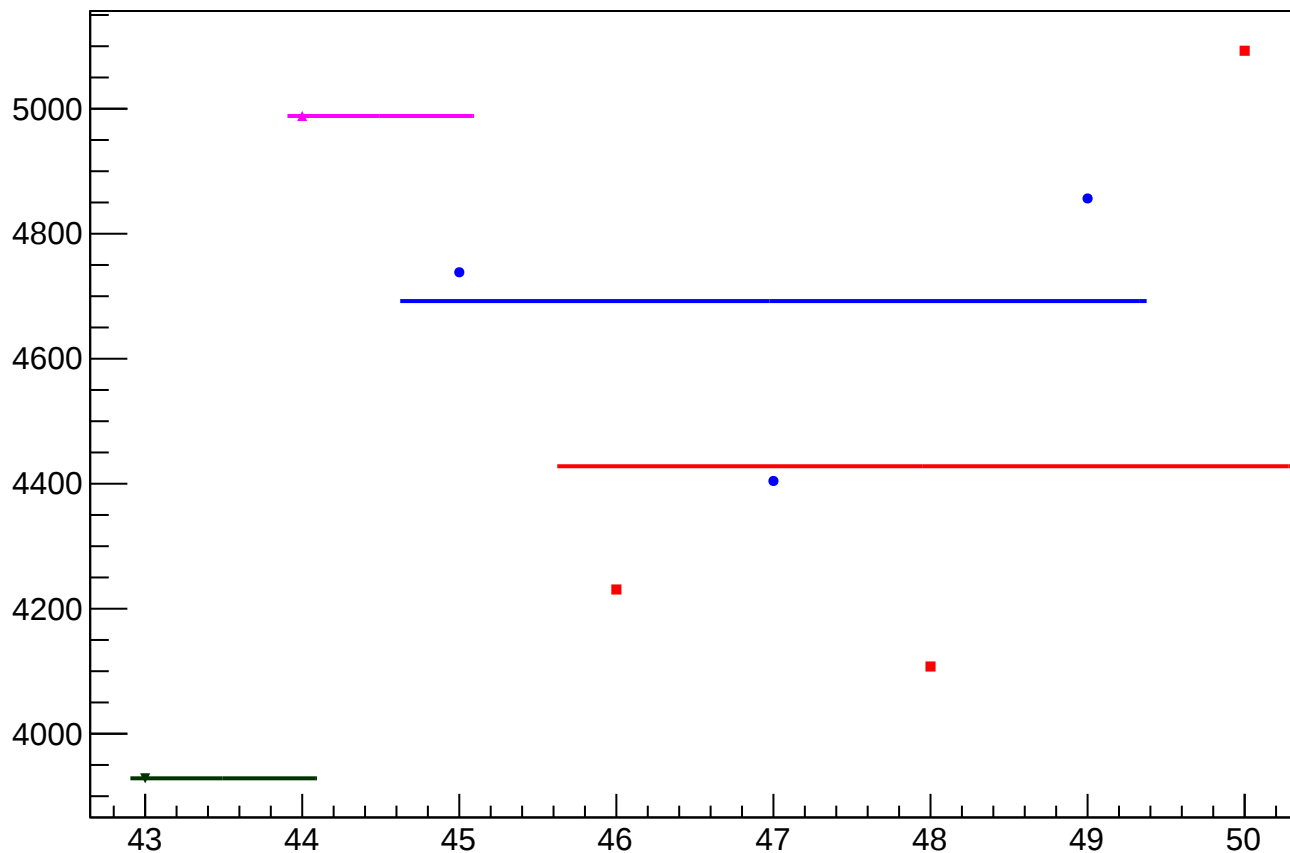
Left Out: 27.217 ± 5.615 χ^2/NDF : 0.0/0

Right Out: -27.824 ± 3.671 χ^2/NDF : 6.8/2

Left In: 35.342 ± 6.967 χ^2/NDF : 0.0/0

-7.701 ± 2.139 χ^2/NDF : 118.7/7

diff_bpm0l01Y_rms vs slug



Right In: 4692.249 $\pm$ 2.331 χ^2 /NDF: 6560.6/2

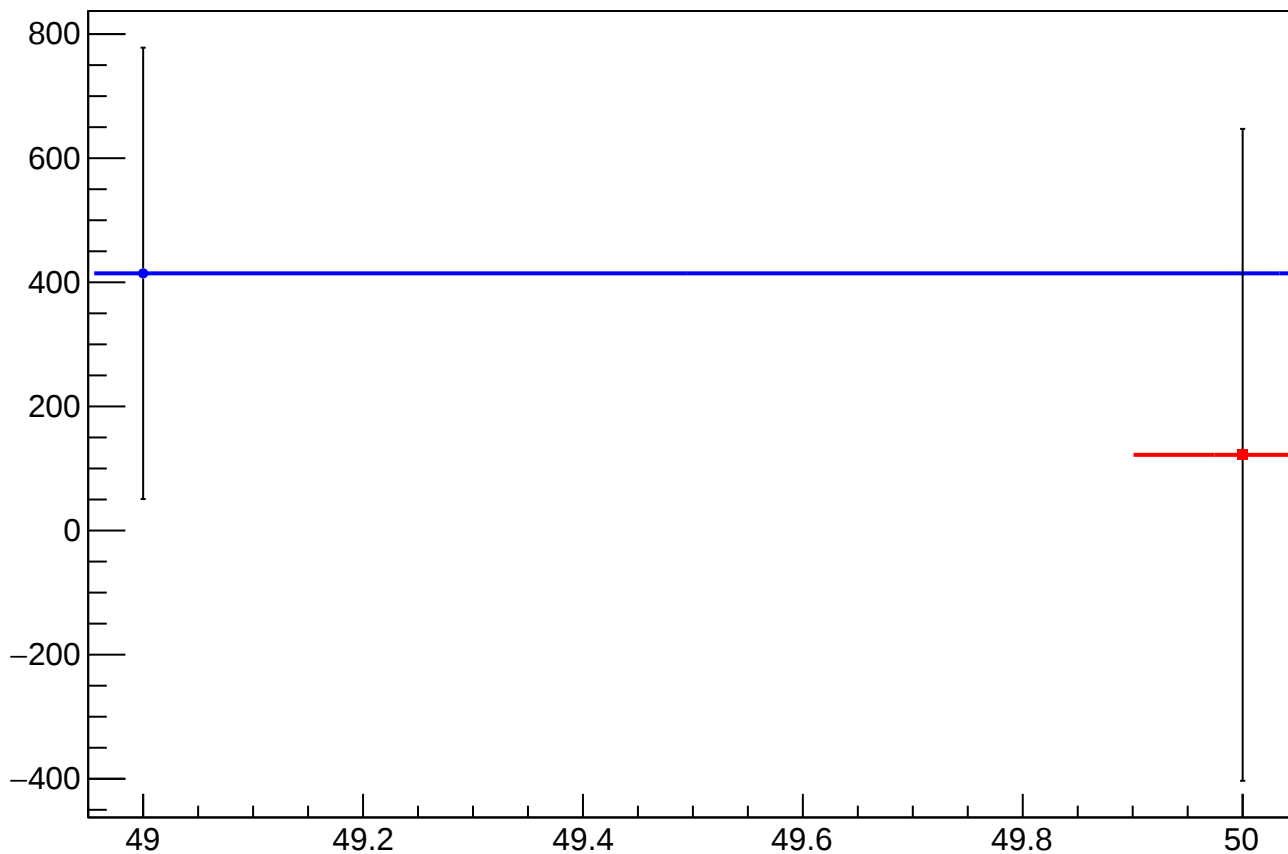
Left Out: 3928.623 $\pm$ 3.970 χ^2 /NDF: 0.0/0

Right Out: 4427.953 $\pm$ 2.596 χ^2 /NDF: 25659.2/2

Left In: 4988.411 $\pm$ 4.927 χ^2 /NDF: 0.0/0

4519.597 $\pm$ 1.513 χ^2 /NDF: 70162.3/7

asym_ds_agg_av_mean vs slug



Right In: 414.444+/-363.657 χ^2/NDF : 0.0/0

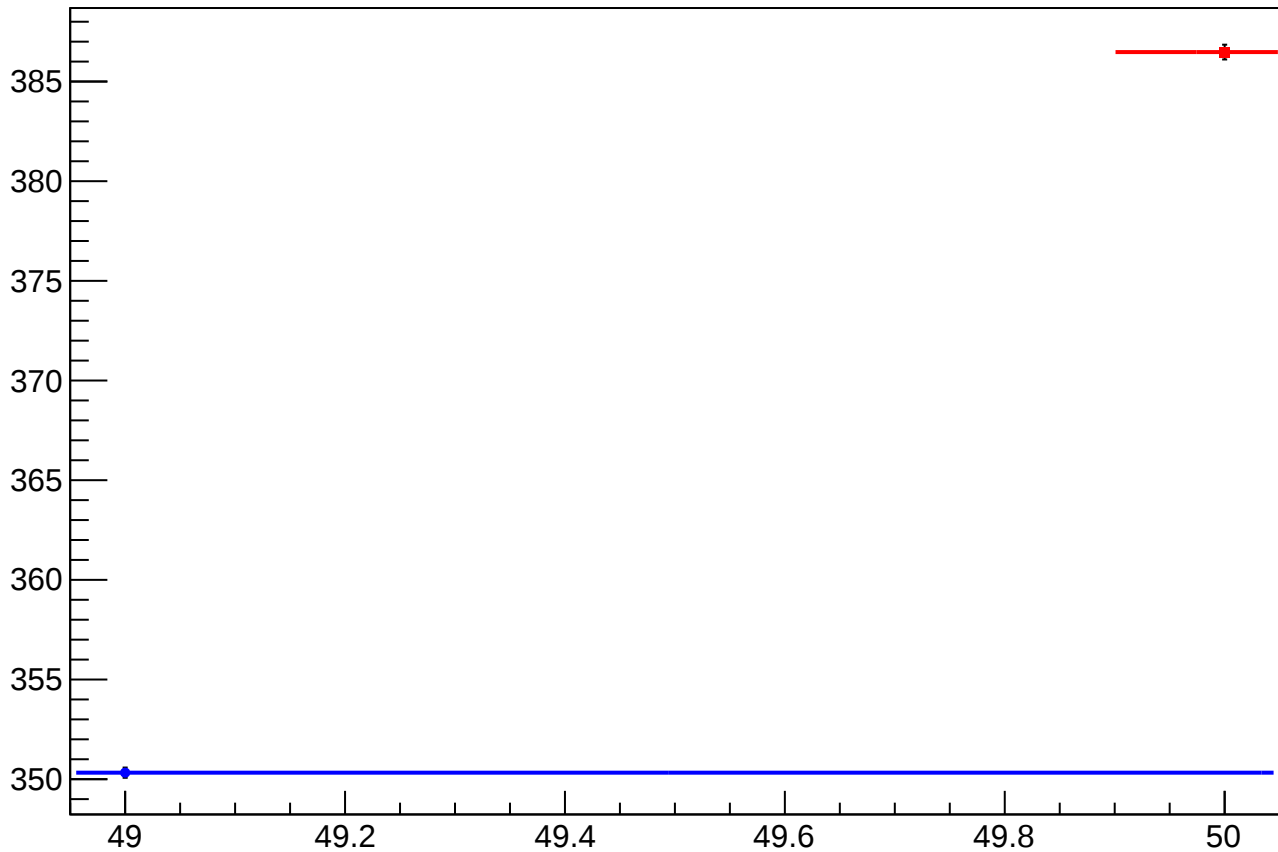
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.982+/-525.238 χ^2/NDF : 0.0/0

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

319.676+/-298.988 χ^2/NDF : 0.2/1

asym_ds_agg_av_rms vs slug



Right In: 350.327 +/- 0.257 χ^2/NDF : 0.0/0

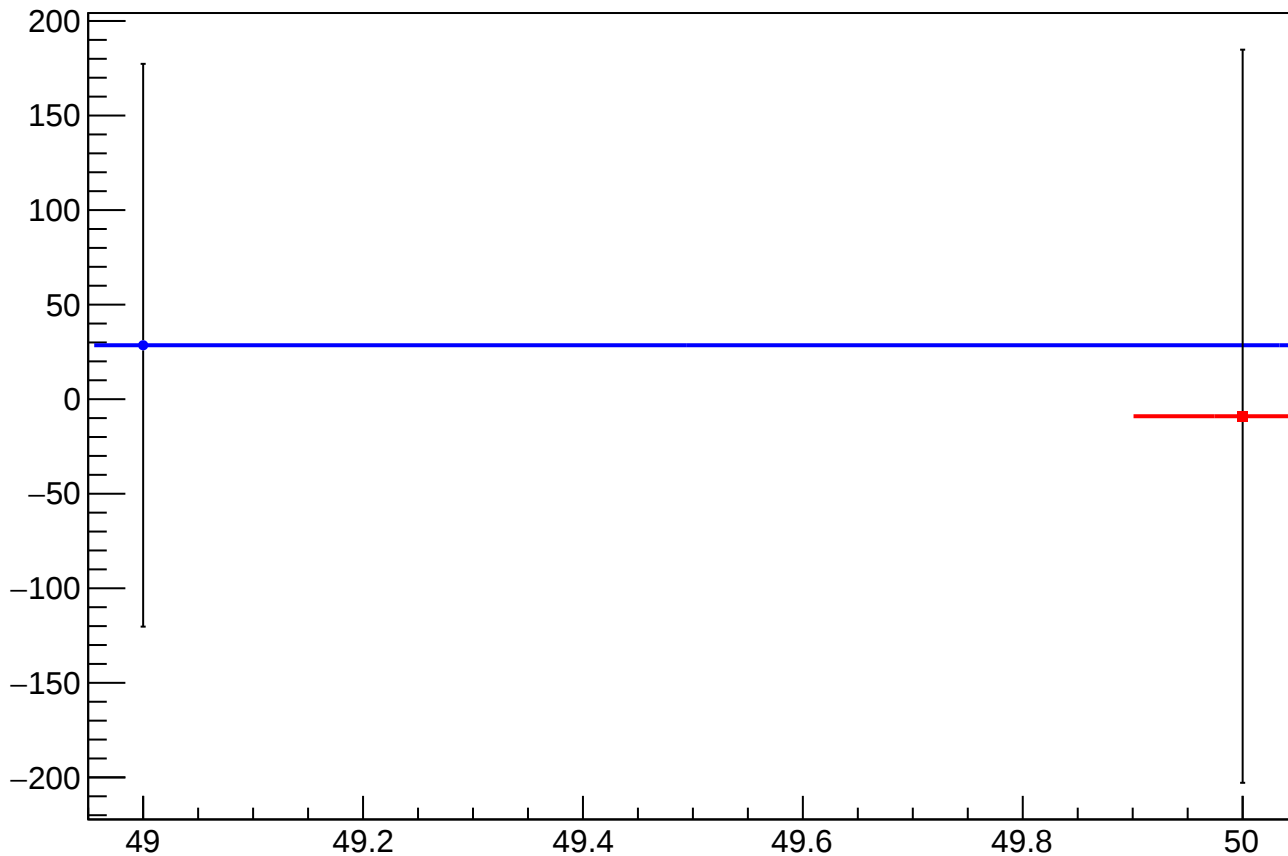
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 386.477 +/- 0.371 χ^2/NDF : 0.0/0

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

362.041 +/- 0.211 χ^2/NDF : 6404.1/1

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 28.525+/-148.803 χ^2 /NDF: 0.0/0

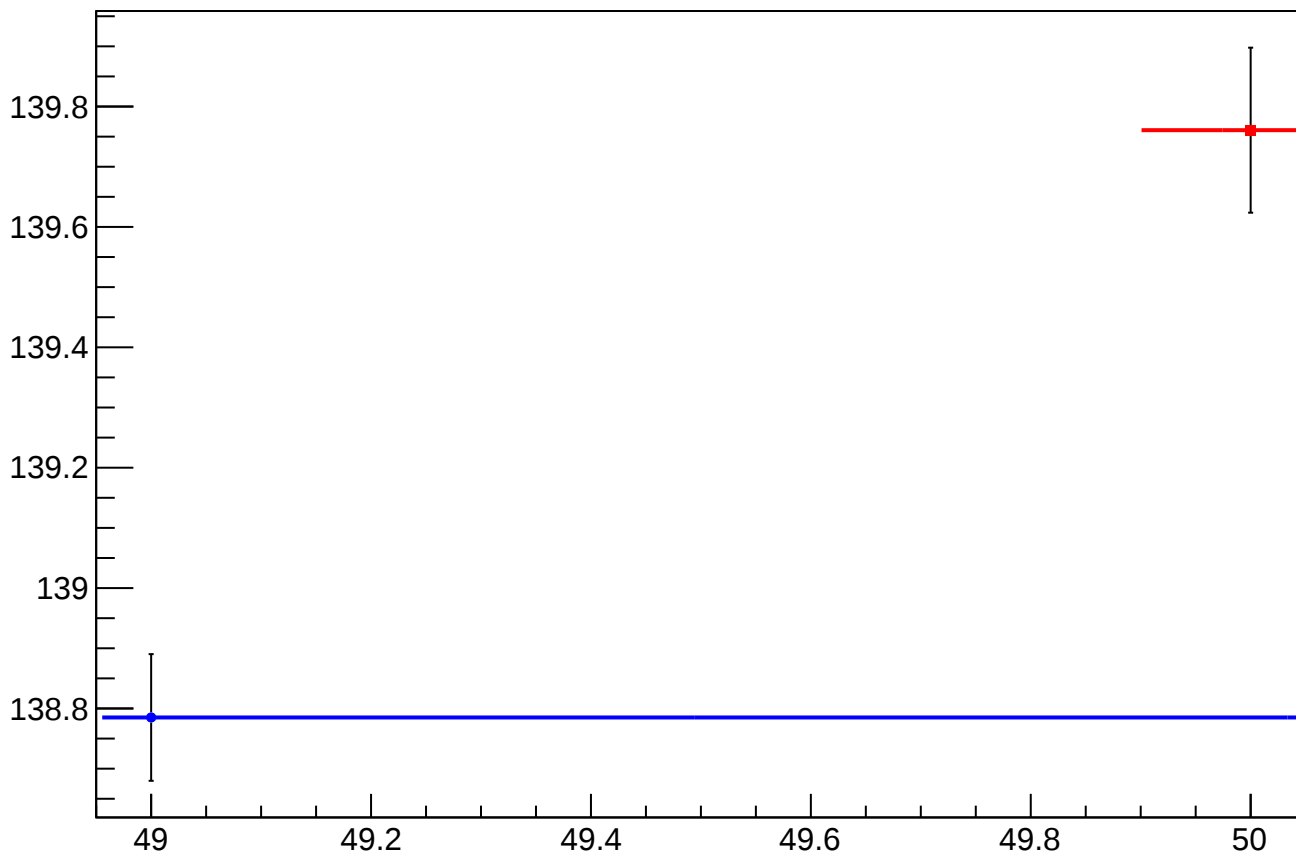
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.606+/-118.036 χ^2 /NDF: 0.0/1

Right Out: -9.016+/-193.846 χ^2 /NDF: 0.0/0

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

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 138.785 $\pm$ 0.105 χ^2 /NDF: 0.0/0

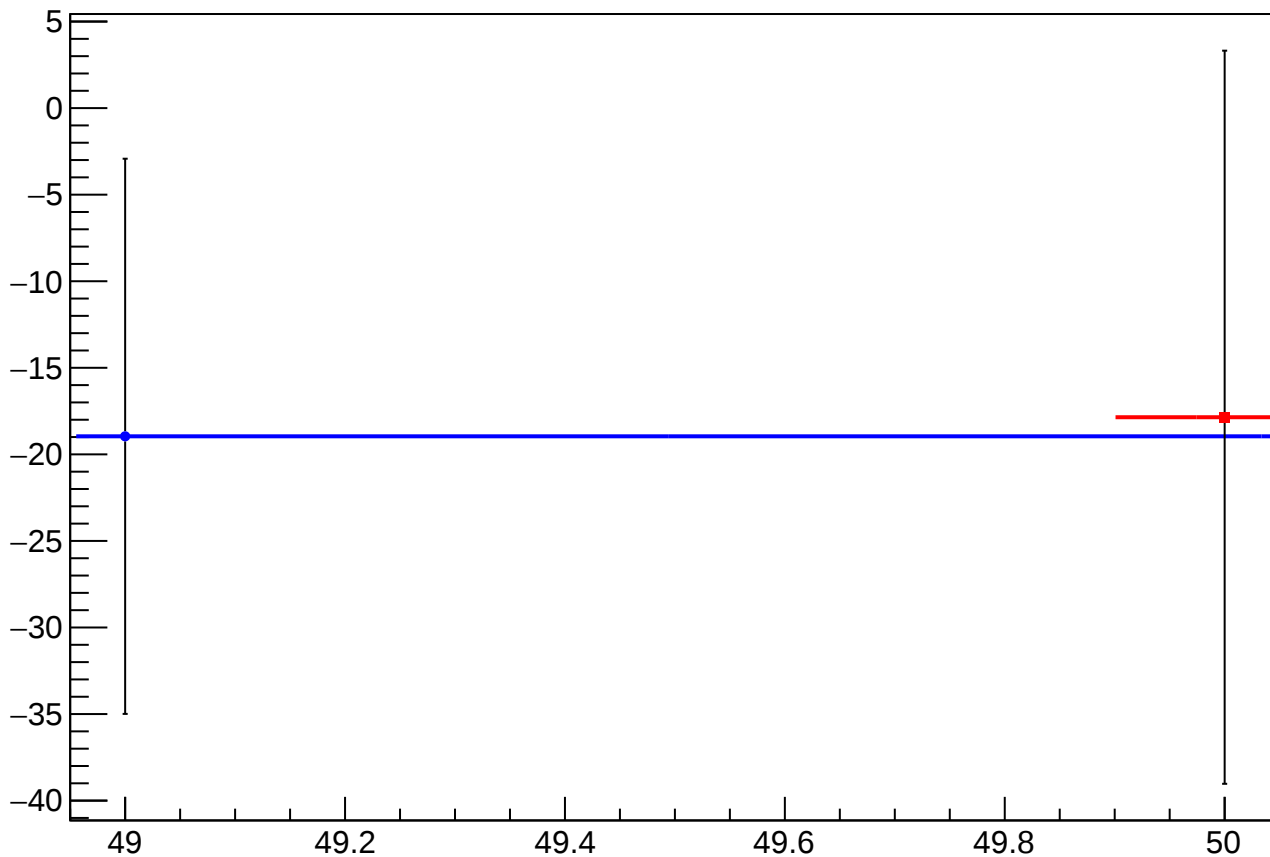
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.761 $\pm$ 0.137 χ^2 /NDF: 0.0/0

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

139.147 $\pm$ 0.083 χ^2 /NDF: 31.9/1

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -18.957+/-16.034 χ^2 /NDF: 0.0/0

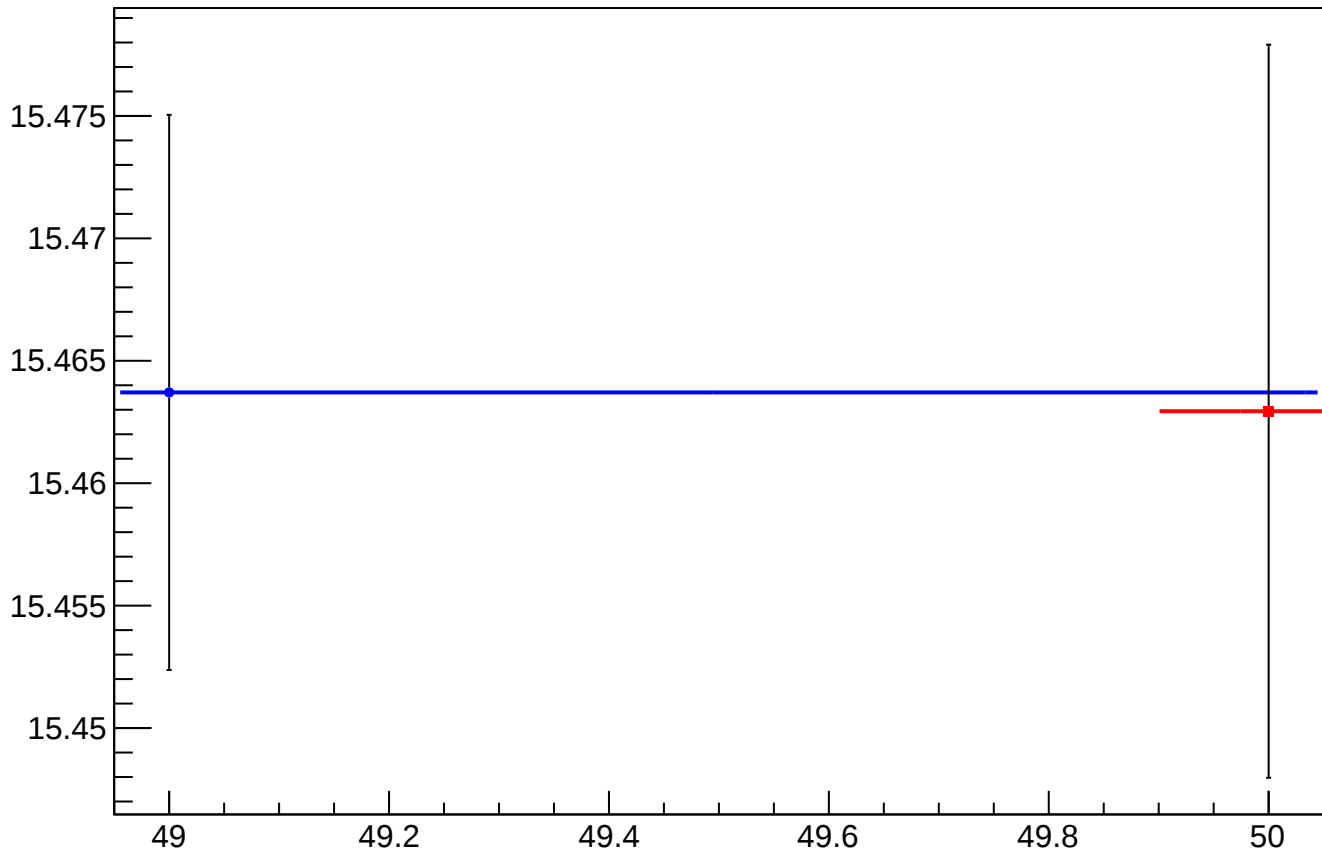
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -17.855+/-21.173 χ^2 /NDF: 0.0/0

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

-18.556+/-12.782 χ^2 /NDF: 0.0/1

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

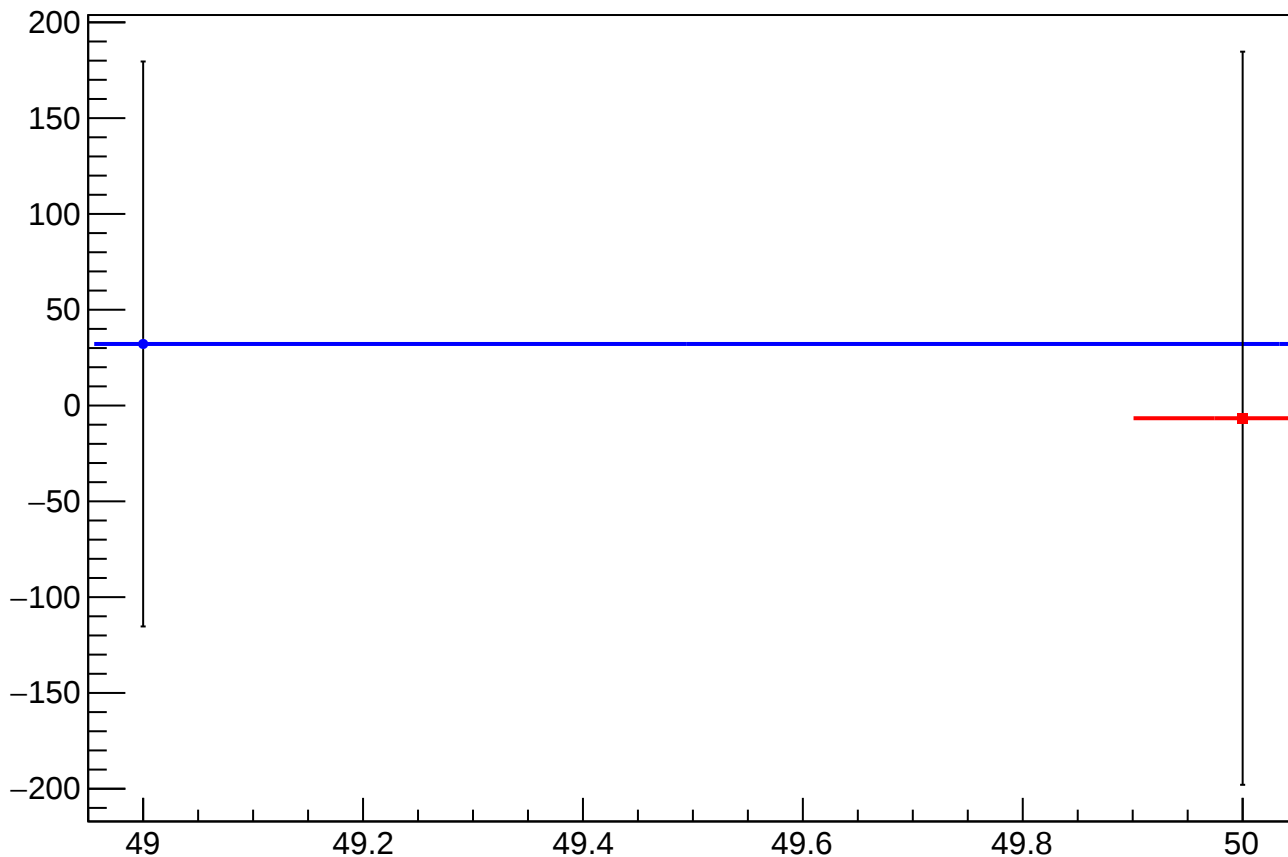
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.463 $\pm$ 0.015 χ^2 /NDF: 0.0/0

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

15.463 $\pm$ 0.009 χ^2 /NDF: 0.0/1

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 32.133+/-147.430 χ^2/NDF : 0.0/0

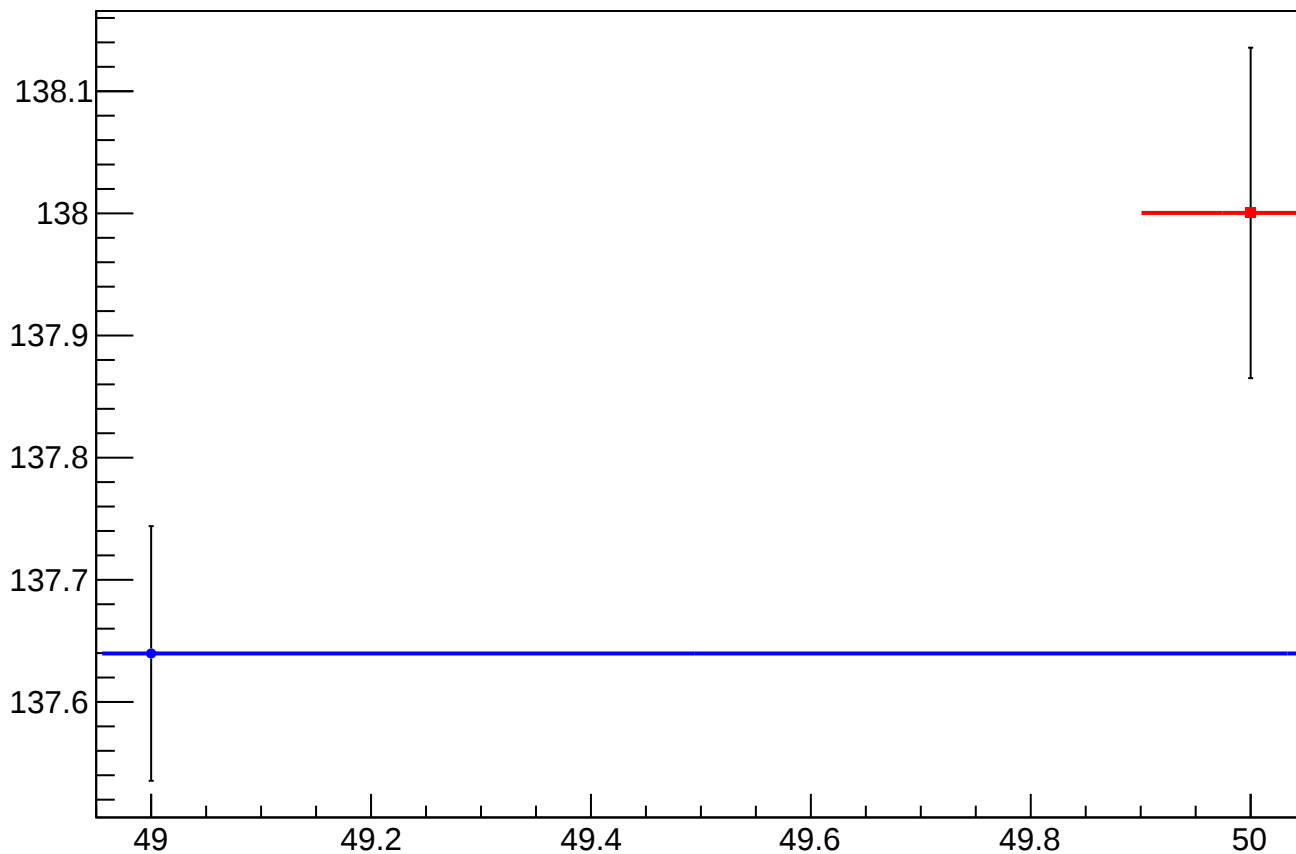
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.691+/-116.778 χ^2/NDF : 0.0/1

Right Out: -6.626+/-191.314 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

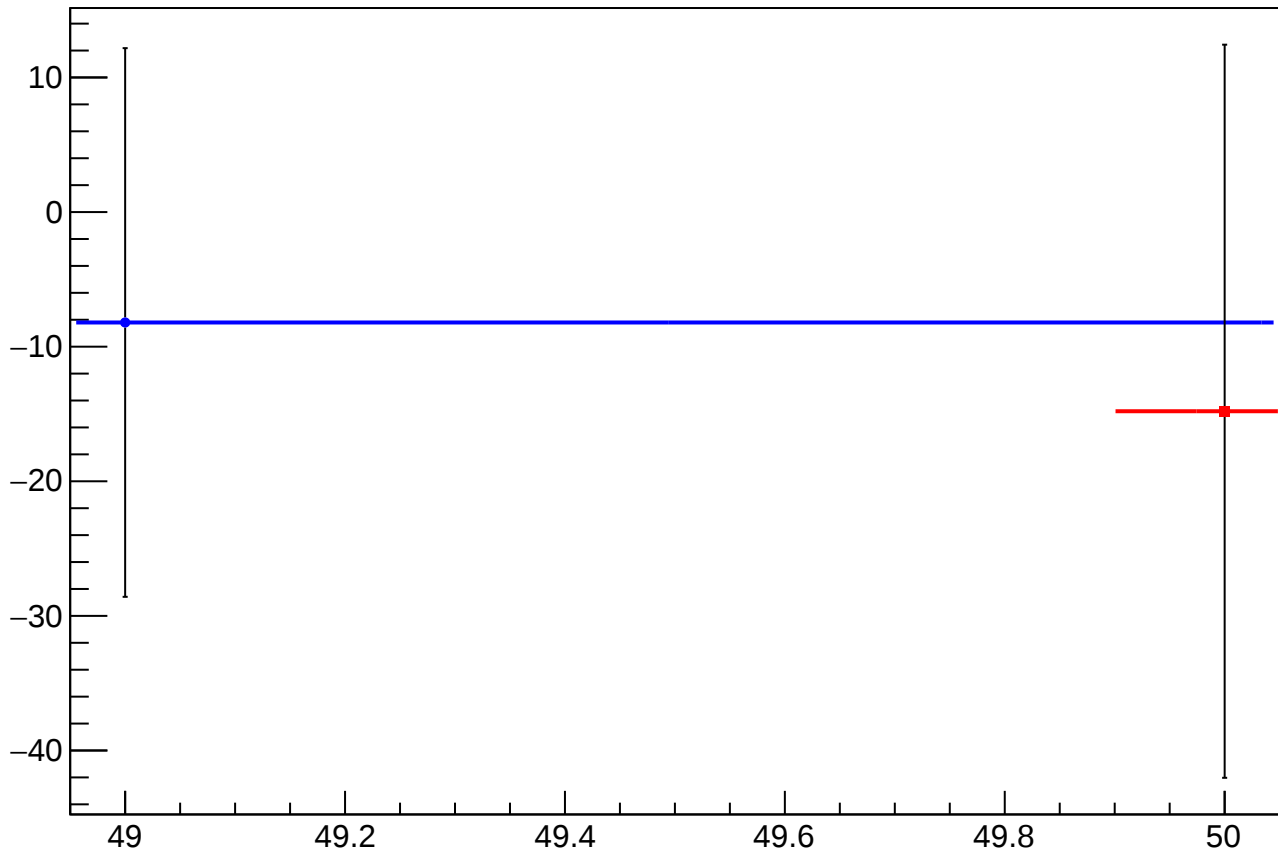
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.000 $\pm$ 0.135 χ^2 /NDF: 0.0/0

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

137.774 $\pm$ 0.083 χ^2 /NDF: 4.5/1

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -8.203+/-20.381 χ^2/NDF : 0.0/0

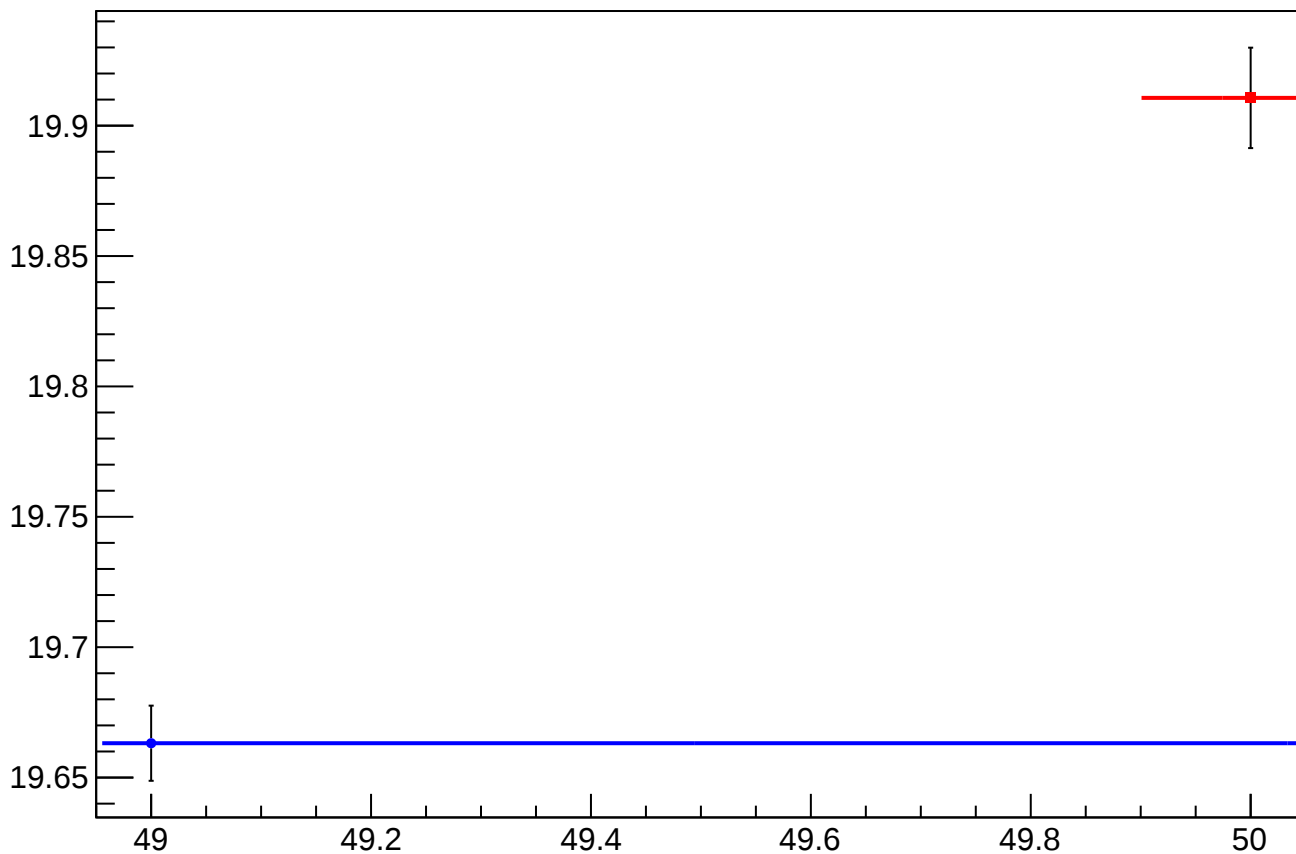
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.796+/-27.233 χ^2/NDF : 0.0/0

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

-10.570+/-16.317 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.663+/-0.014 χ^2 /NDF: 0.0/0

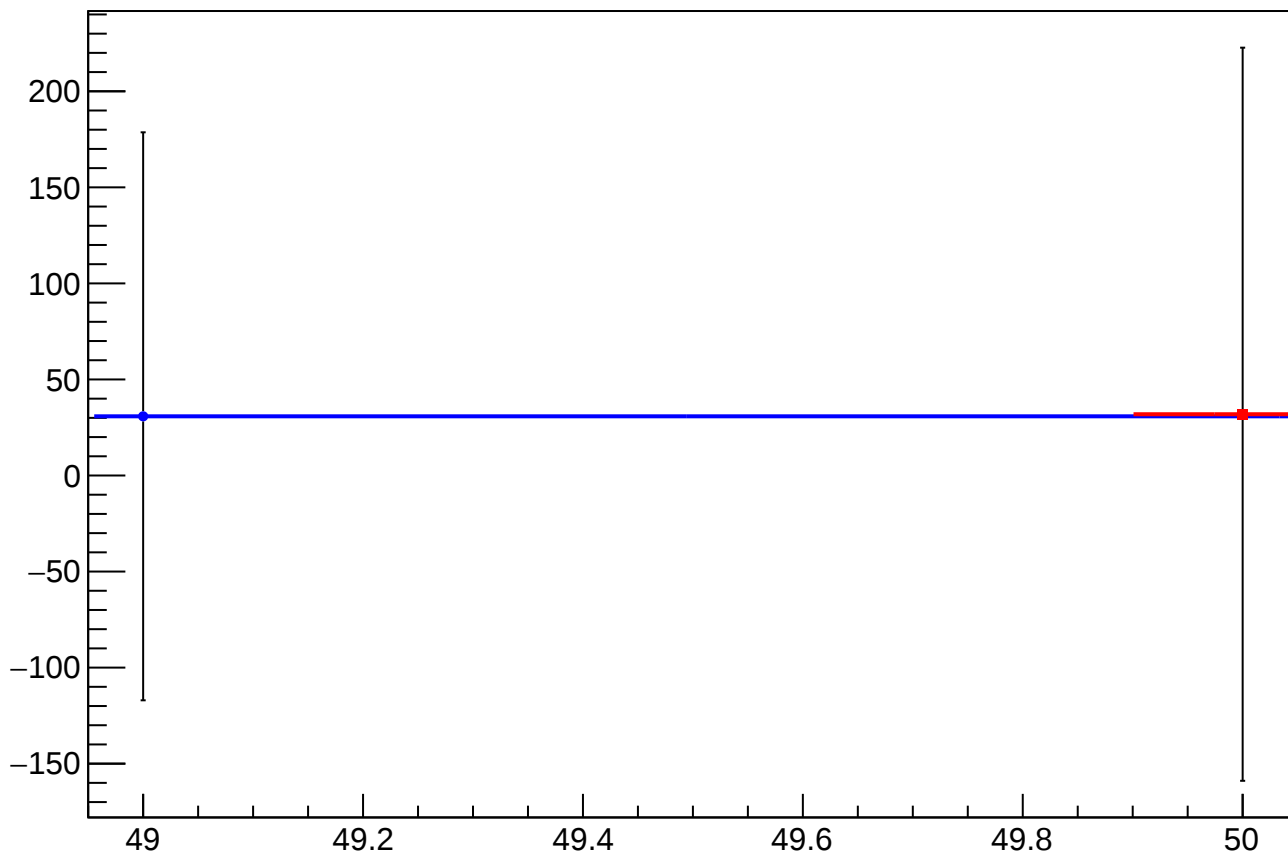
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 19.911+/-0.019 χ^2 /NDF: 0.0/0

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

19.752+/-0.012 χ^2 /NDF: 105.9/1

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 30.810+/-147.836 χ^2/NDF : 0.0/0

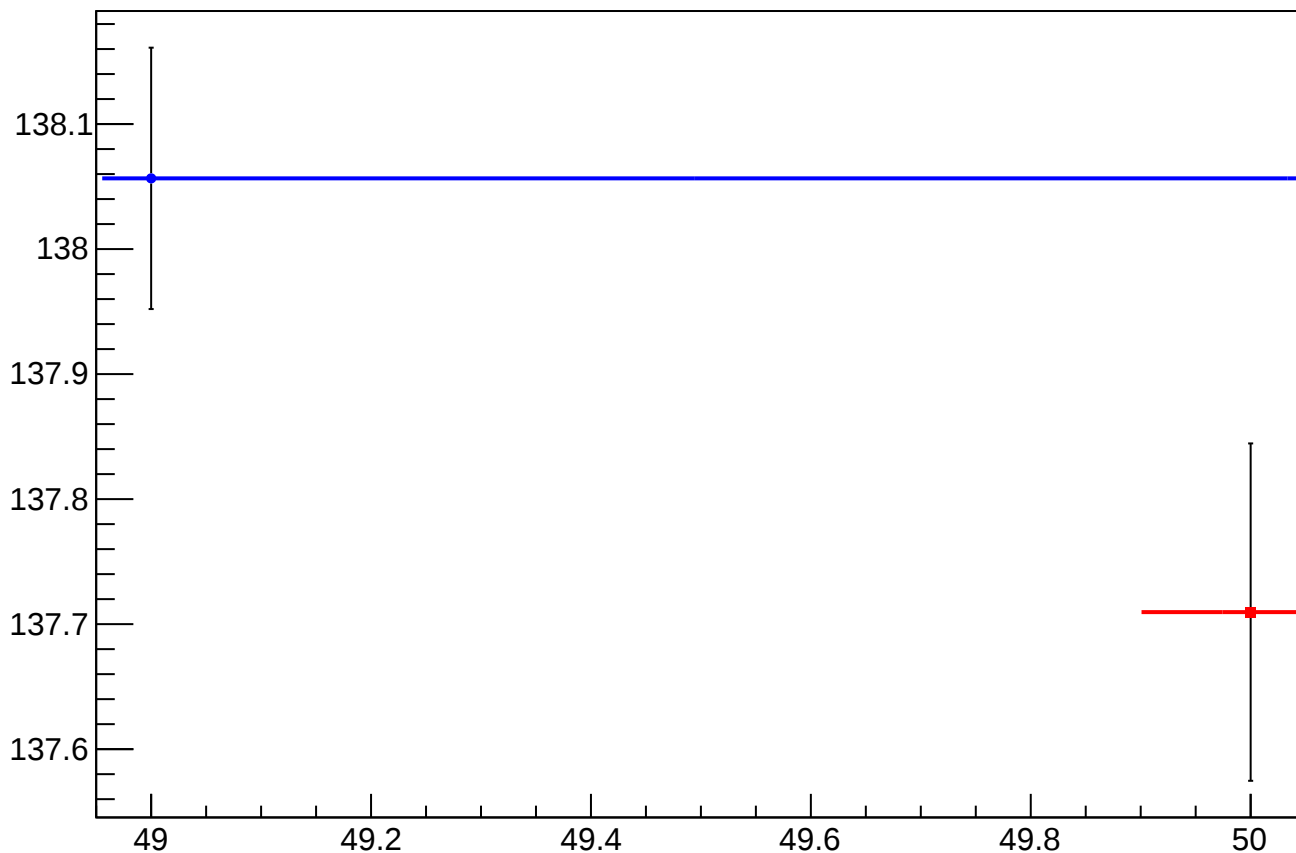
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.216+/-116.865 χ^2/NDF : 0.0/1

Right Out: 31.892+/-190.815 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 $\pm$ 0.105 χ^2 /NDF: 0.0/0

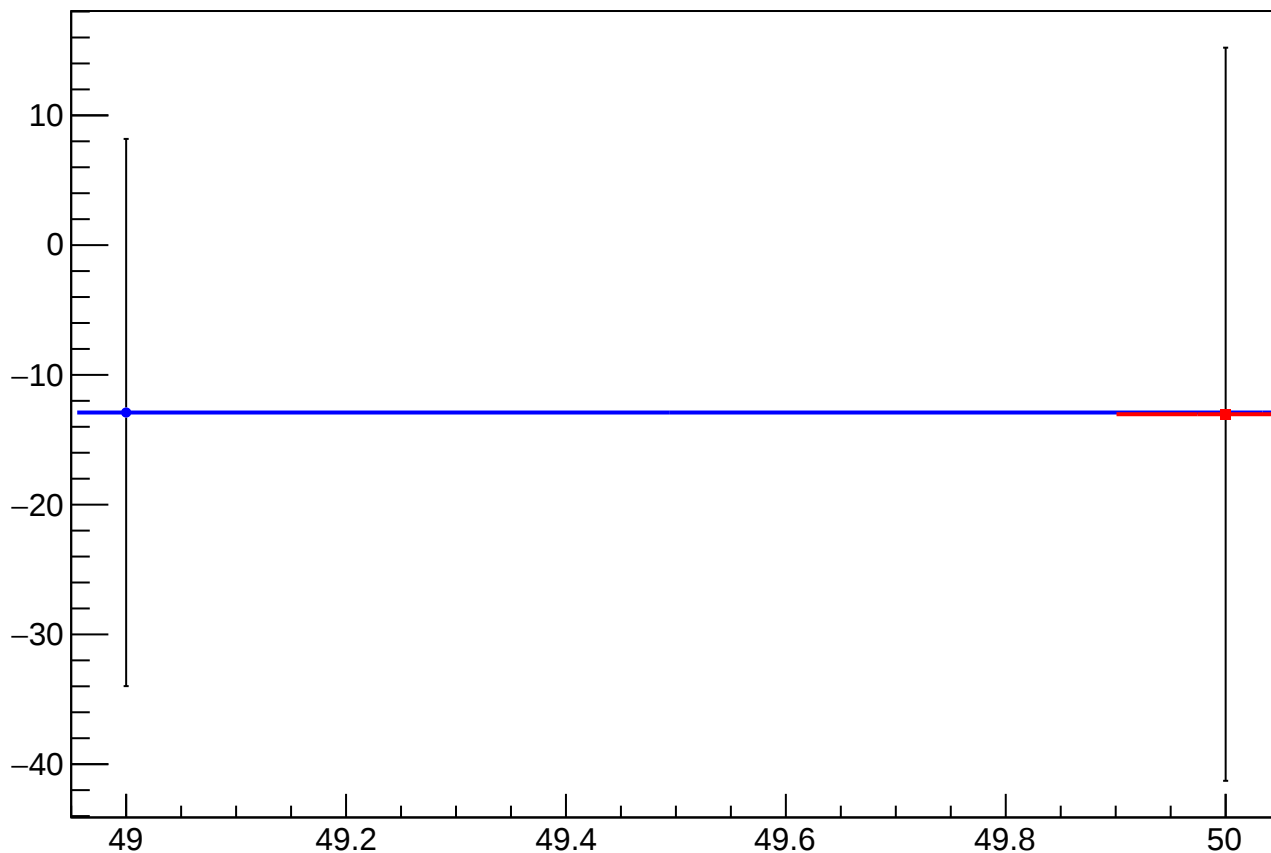
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

137.926 $\pm$ 0.083 χ^2 /NDF: 4.1/1

Right Out: 137.710 $\pm$ 0.135 χ^2 /NDF: 0.0/0

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

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.900 $\pm$ 21.085 χ^2 /NDF: 0.0/0

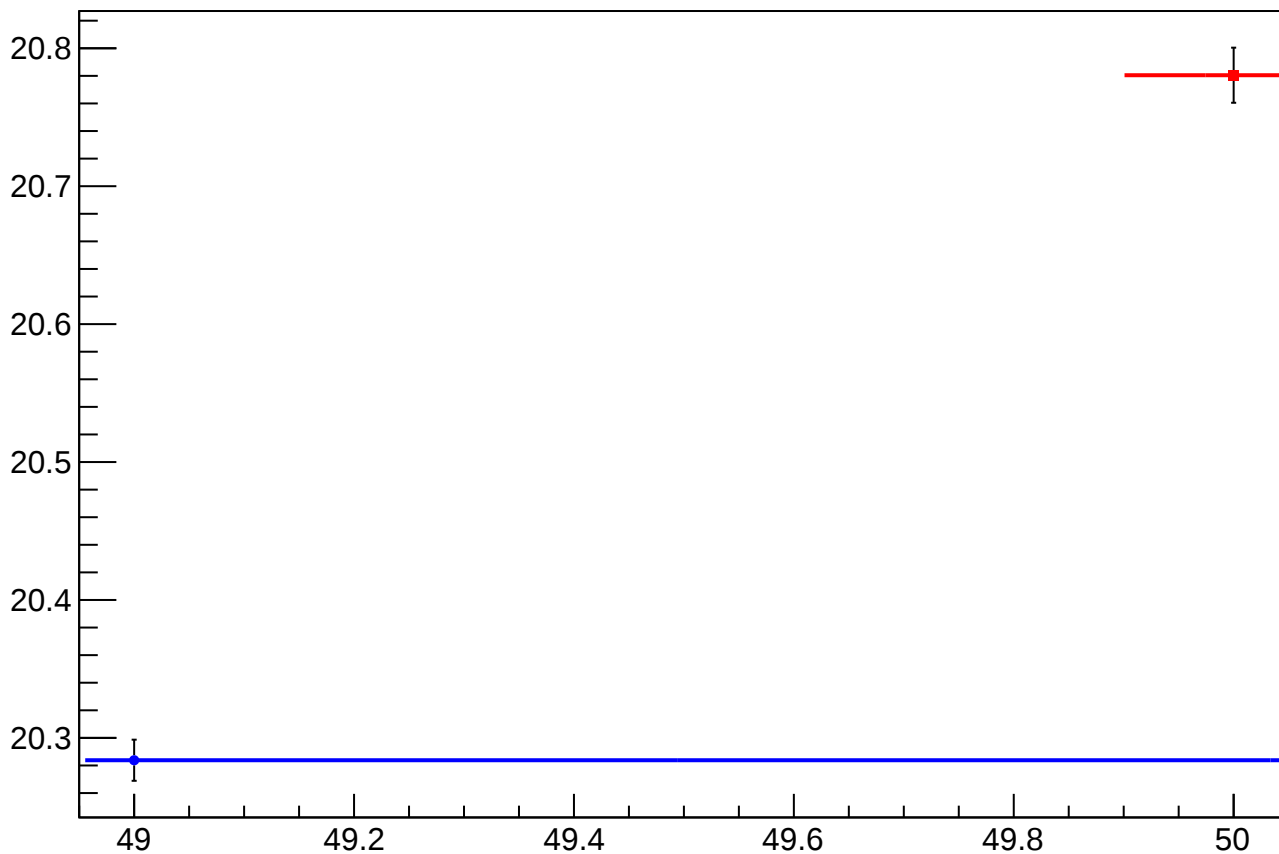
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.032 $\pm$ 28.249 χ^2 /NDF: 0.0/0

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

-12.947 $\pm$ 16.897 χ^2 /NDF: 0.0/1

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.284+/-0.015 χ^2 /NDF: 0.0/0

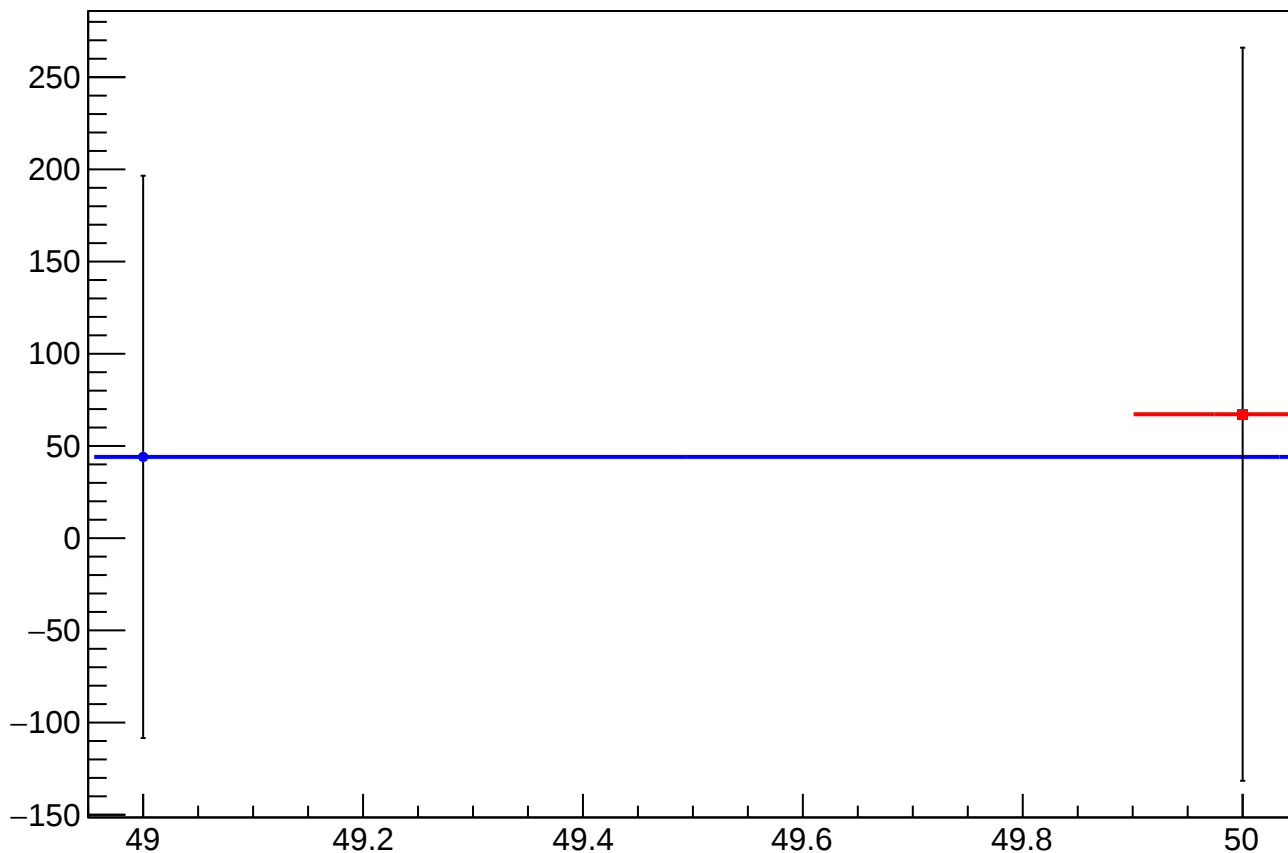
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 20.780+/-0.020 χ^2 /NDF: 0.0/0

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

20.461+/-0.012 χ^2 /NDF: 397.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 44.081+/-152.480 χ^2 /NDF: 0.0/0

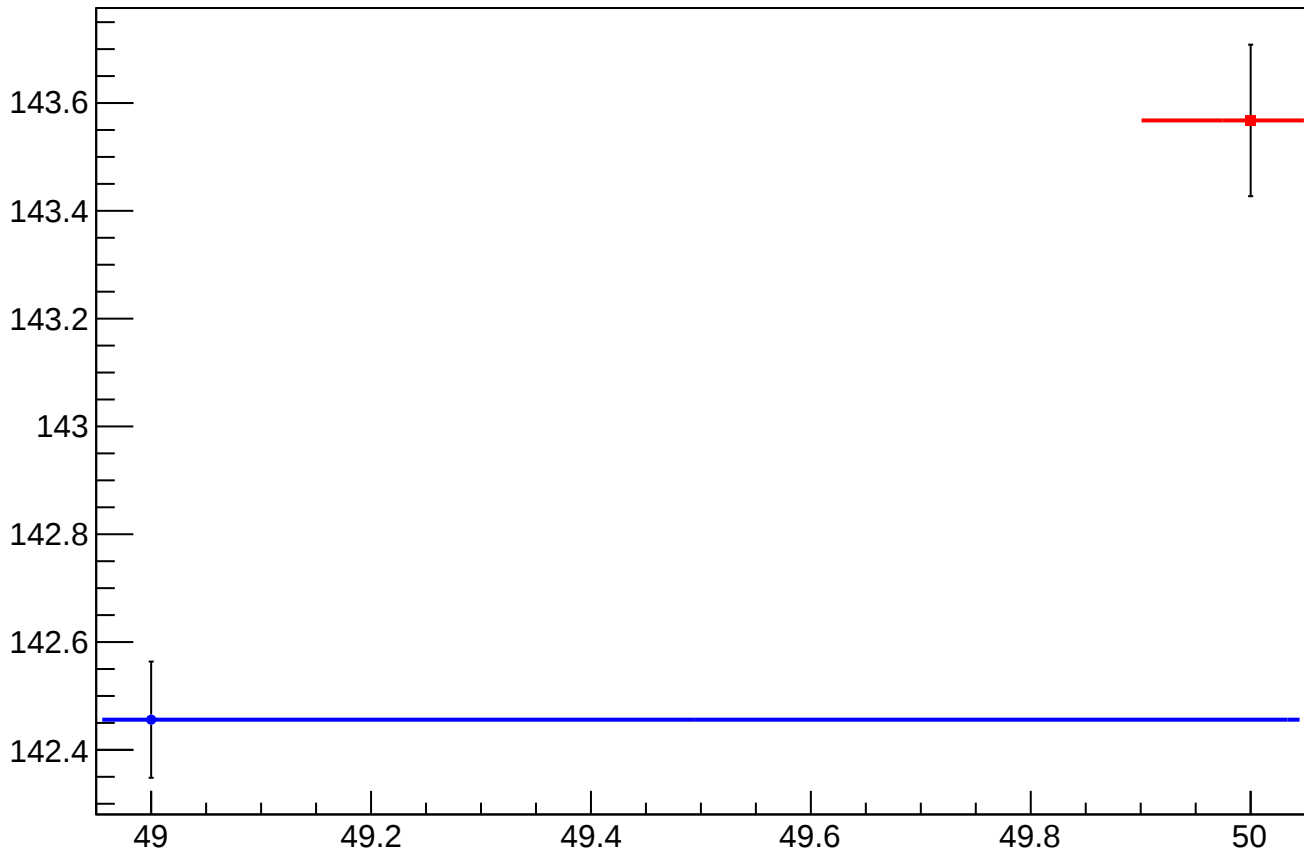
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 67.212+/-198.792 χ^2 /NDF: 0.0/0

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

52.649+/-120.988 χ^2 /NDF: 0.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 142.456+/-0.108 χ^2/NDF : 0.0/0

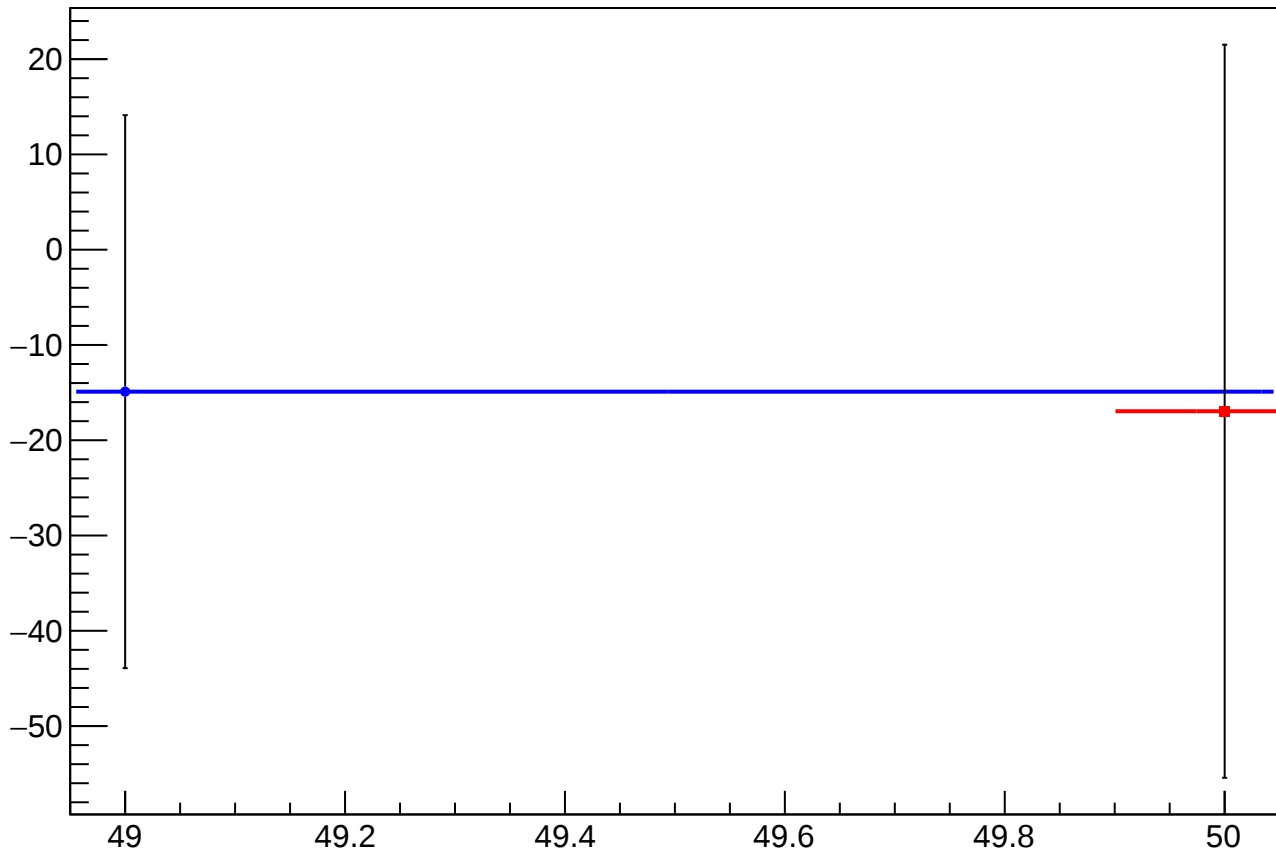
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.568+/-0.141 χ^2/NDF : 0.0/0

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

142.868+/-0.086 χ^2/NDF : 39.4/1

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -14.902+/-29.019 χ^2/NDF : 0.0/0

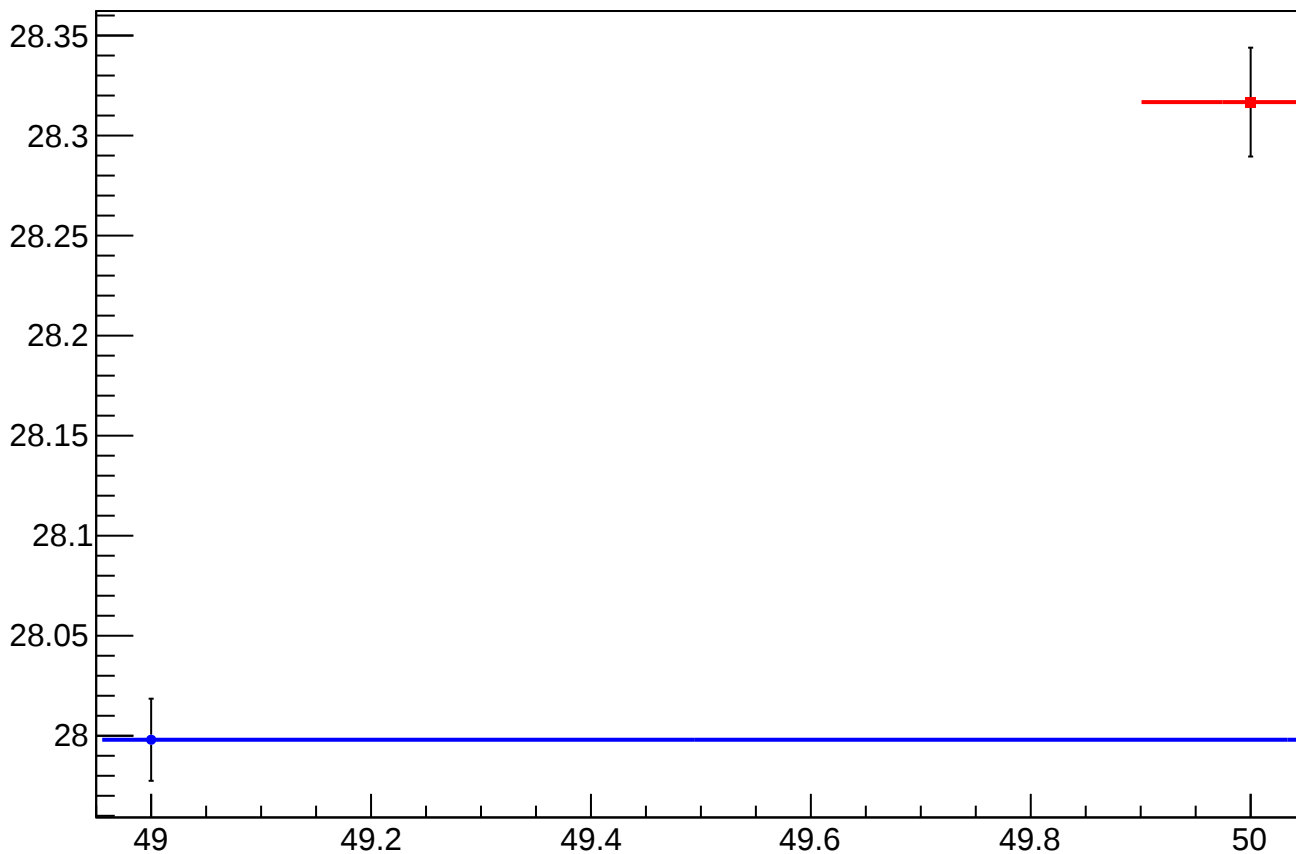
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.956+/-38.474 χ^2/NDF : 0.0/0

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

-15.647+/-23.168 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 27.998+/-0.021 χ^2 /NDF: 0.0/0

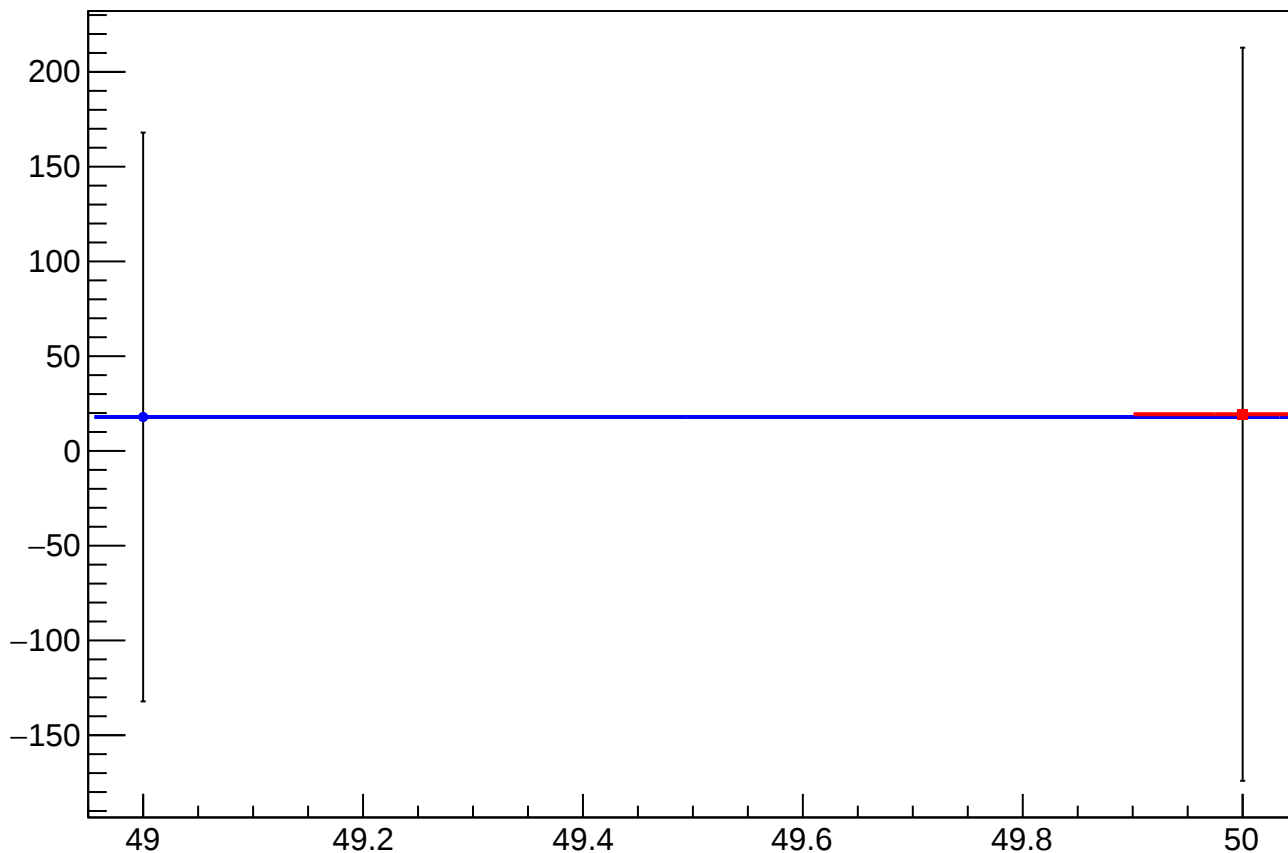
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.114+/-0.016 χ^2 /NDF: 87.5/1

Right Out: 28.317+/-0.027 χ^2 /NDF: 0.0/0

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 17.907+/-150.083 χ^2 /NDF: 0.0/0

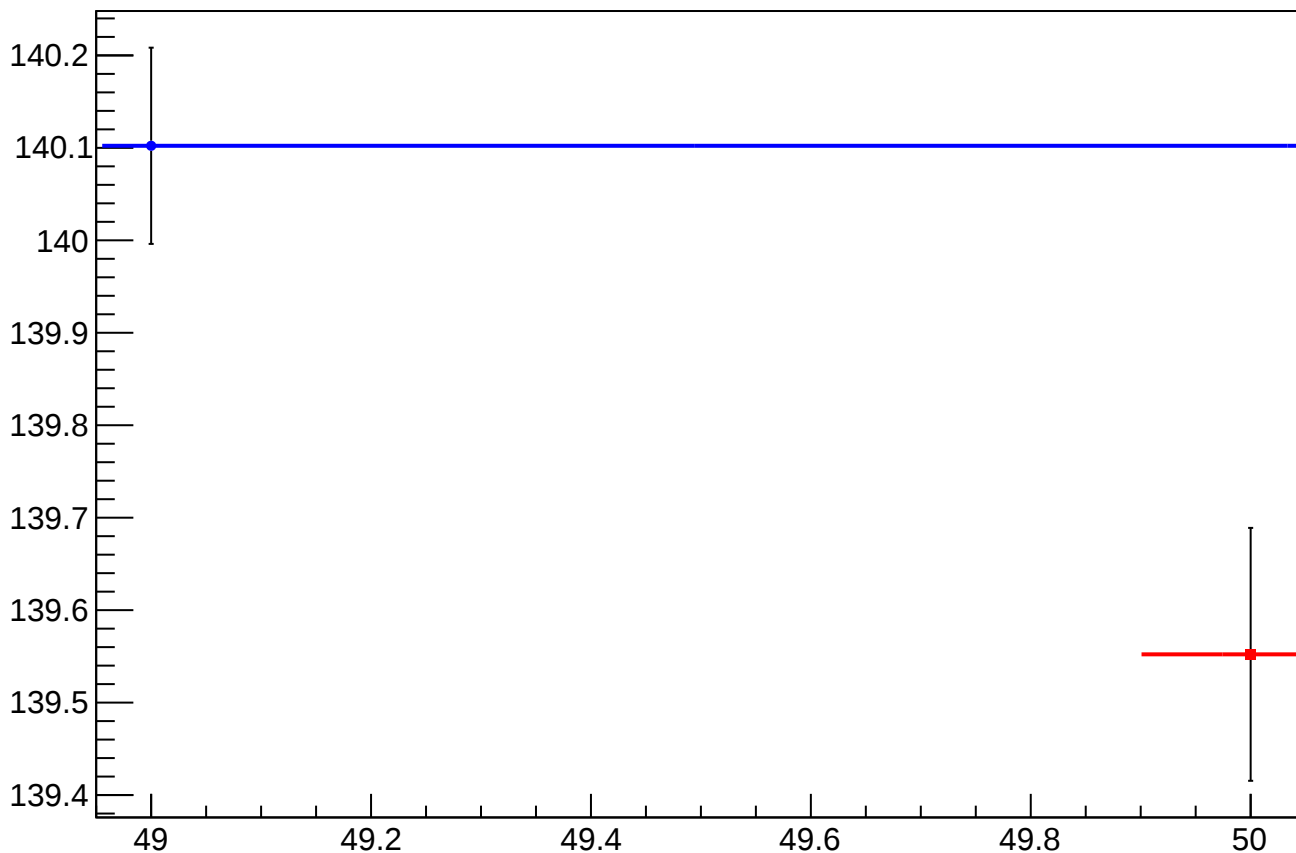
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

18.455+/-118.575 χ^2 /NDF: 0.0/1

Right Out: 19.366+/-193.425 χ^2 /NDF: 0.0/0

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 140.102 $\pm$ 0.106 χ^2 /NDF: 0.0/0

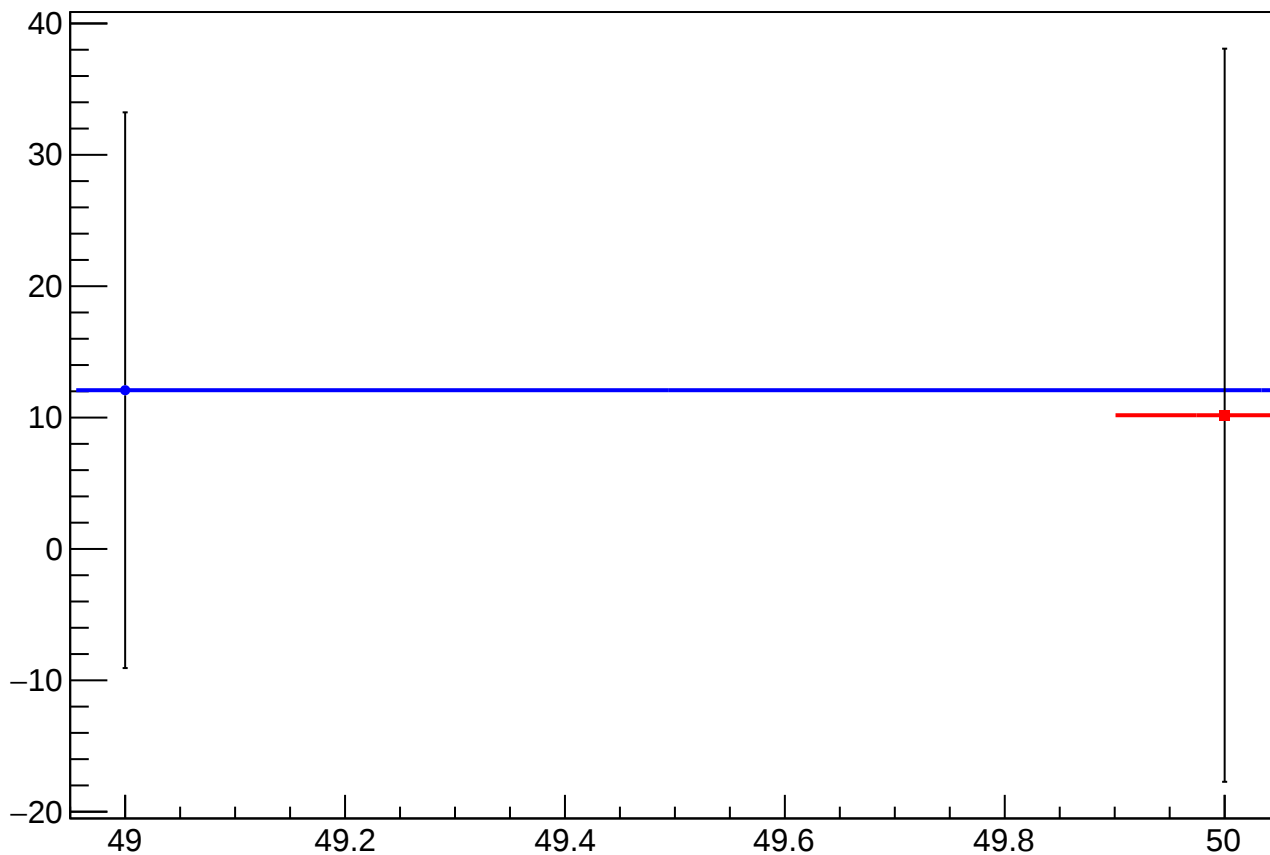
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.552 $\pm$ 0.137 χ^2 /NDF: 0.0/0

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

139.896 $\pm$ 0.084 χ^2 /NDF: 10.1/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 12.084+/-21.150 χ^2/NDF : 0.0/0

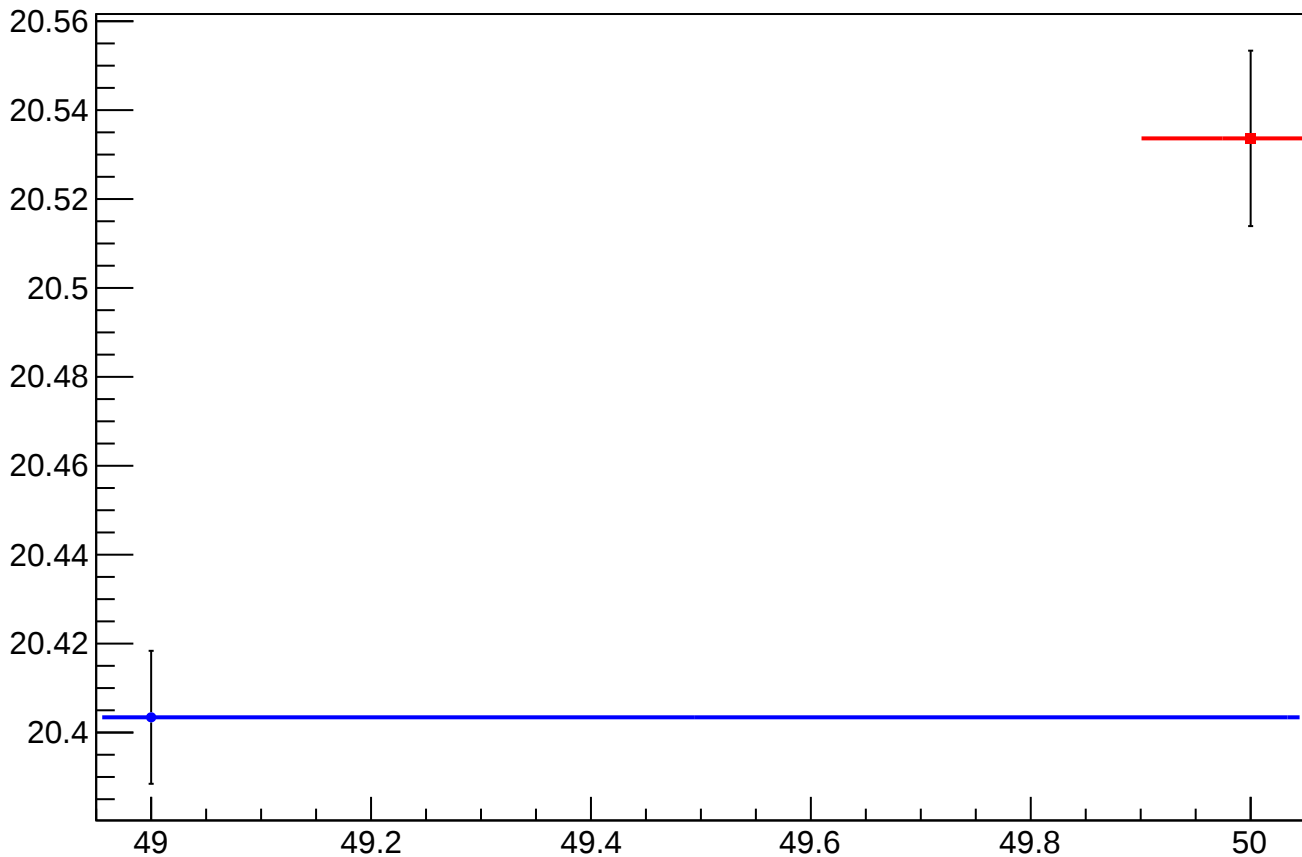
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.389+/-16.855 χ^2/NDF : 0.0/1

Right Out: 10.179+/-27.902 χ^2/NDF : 0.0/0

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

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.403+/-0.015 χ^2 /NDF: 0.0/0

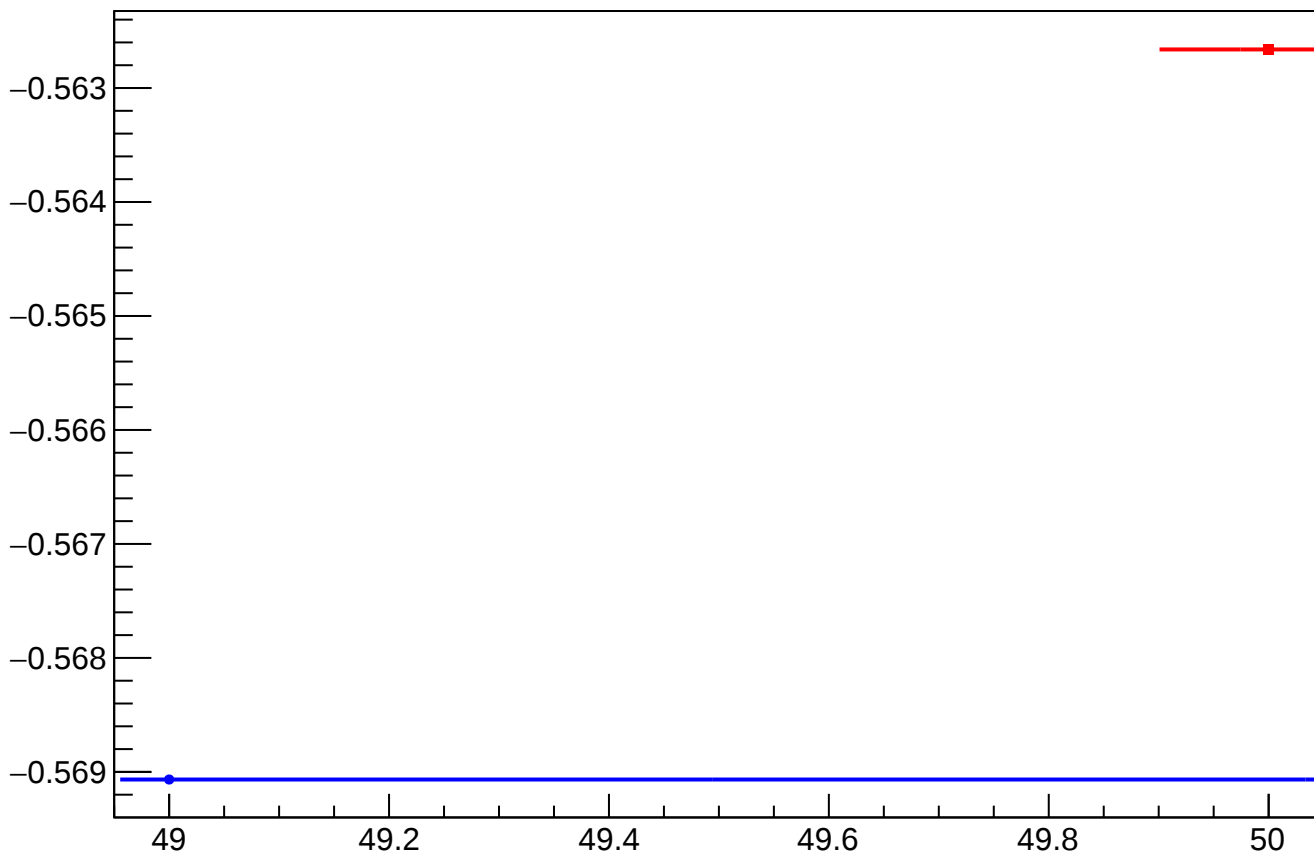
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 20.534+/-0.020 χ^2 /NDF: 0.0/0

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

20.451+/-0.012 χ^2 /NDF: 27.7/1

yield_bpm0l01X_mean vs slug



Right In: -0.569+/-0.000 χ^2 /NDF: 0.0/0

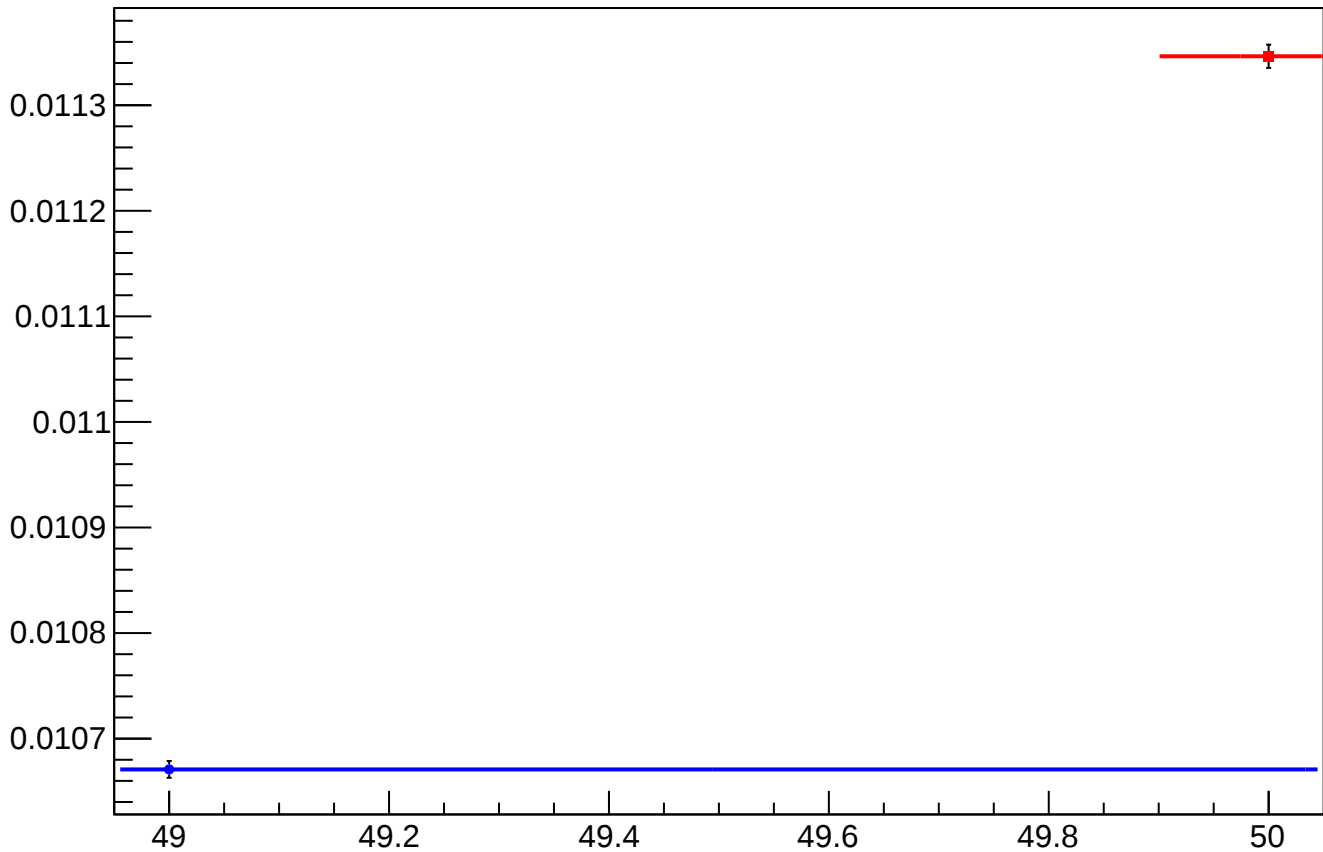
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.567+/-0.000 χ^2 /NDF: 111585.5/1

Right Out: -0.563+/-0.000 χ^2 /NDF: 0.0/0

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

yield_bpm0l01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 0.0/0

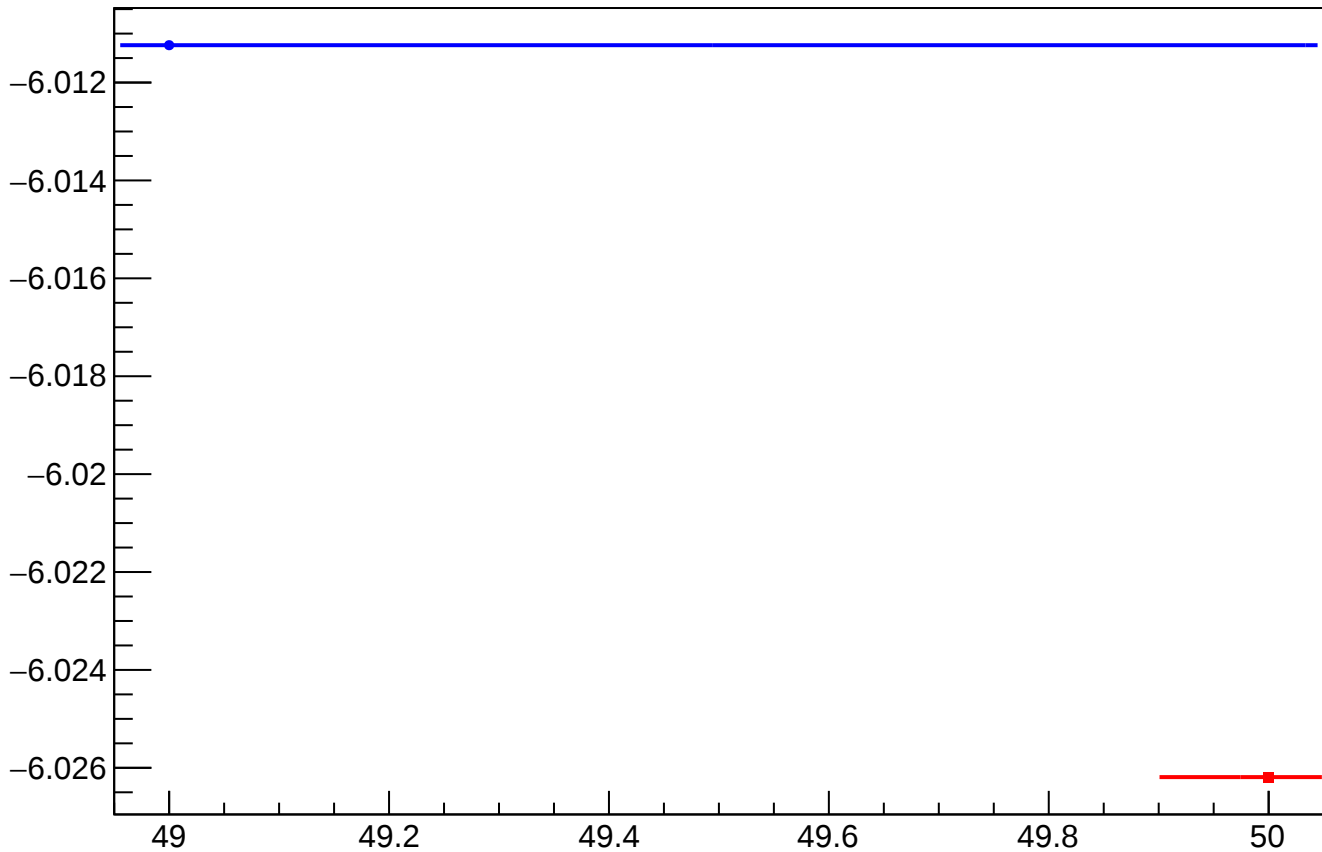
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-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 : 2482.2/1

yield_bpm0l01Y_mean vs slug



Right In: -6.011+/-0.000 χ^2/NDF : 0.0/0

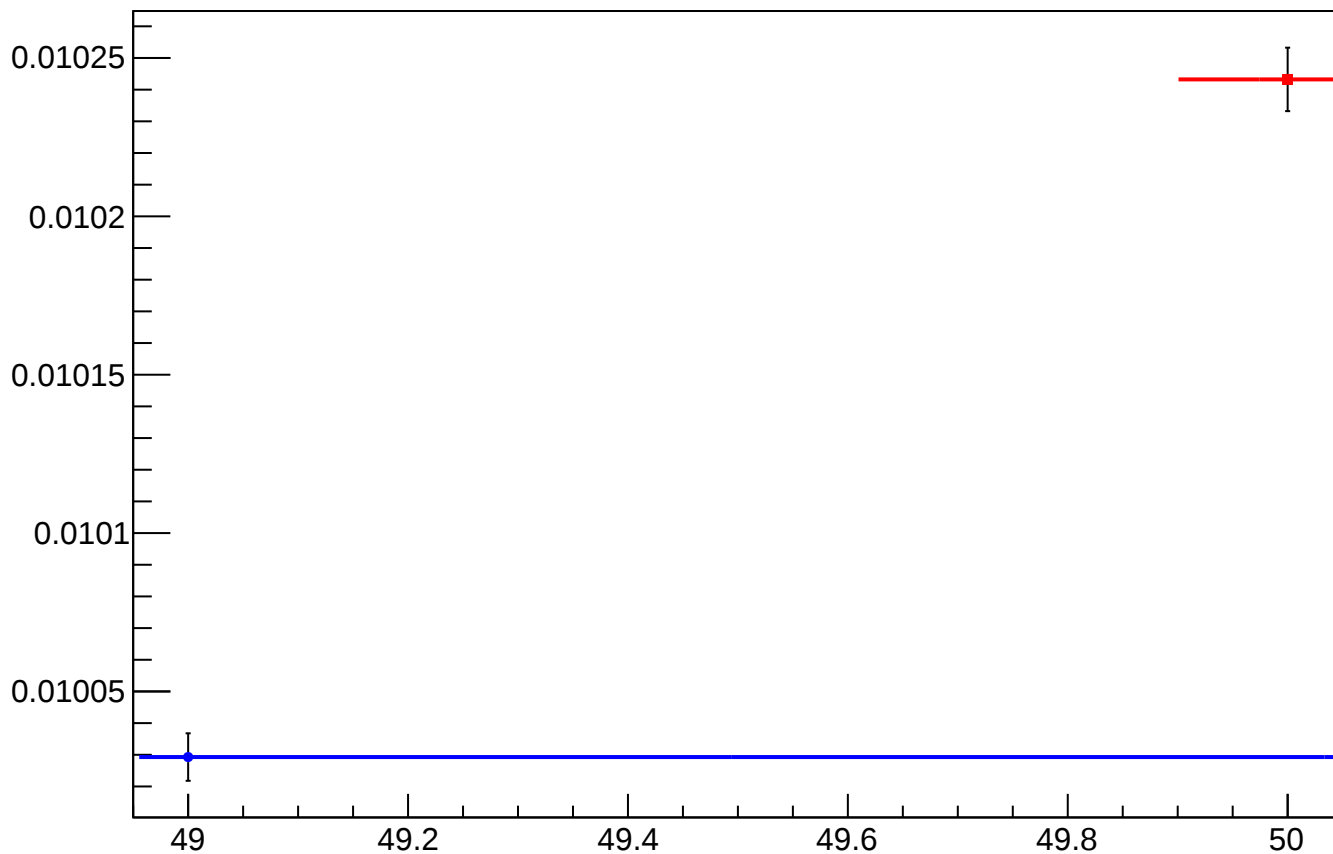
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.017+/-0.000 χ^2/NDF : 713830.8/1

Right Out: -6.026+/-0.000 χ^2/NDF : 0.0/0

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

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

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

0.010+/-0.000 χ^2/NDF : 292.3/1