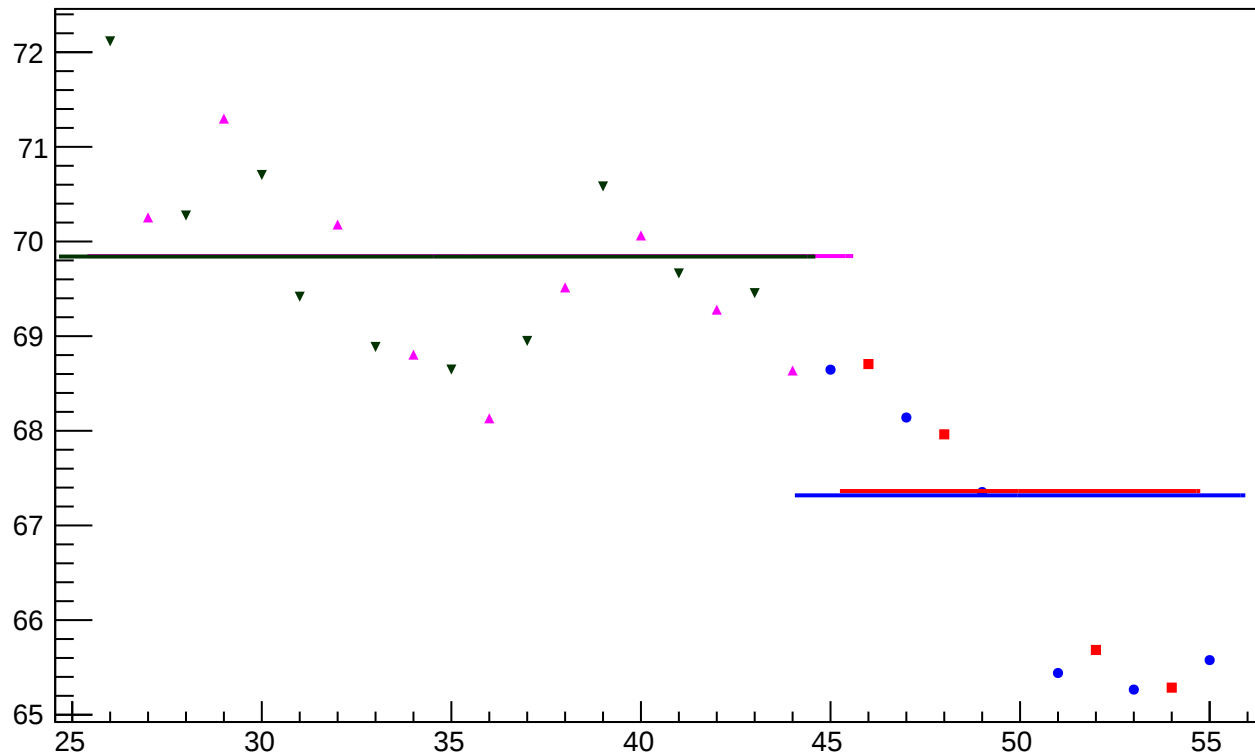


yield_usl_mean vs slug



Right In: 67.318+/-0.000

χ^2/NDF : 224418314.1/5

68.938+/-0.000

χ^2/NDF : 1046753127.8/15

Left Out: 69.841+/-0.000

χ^2/NDF : 215220633.1/9

Right Out: 67.364+/-0.000

χ^2/NDF : 131596711.4/3

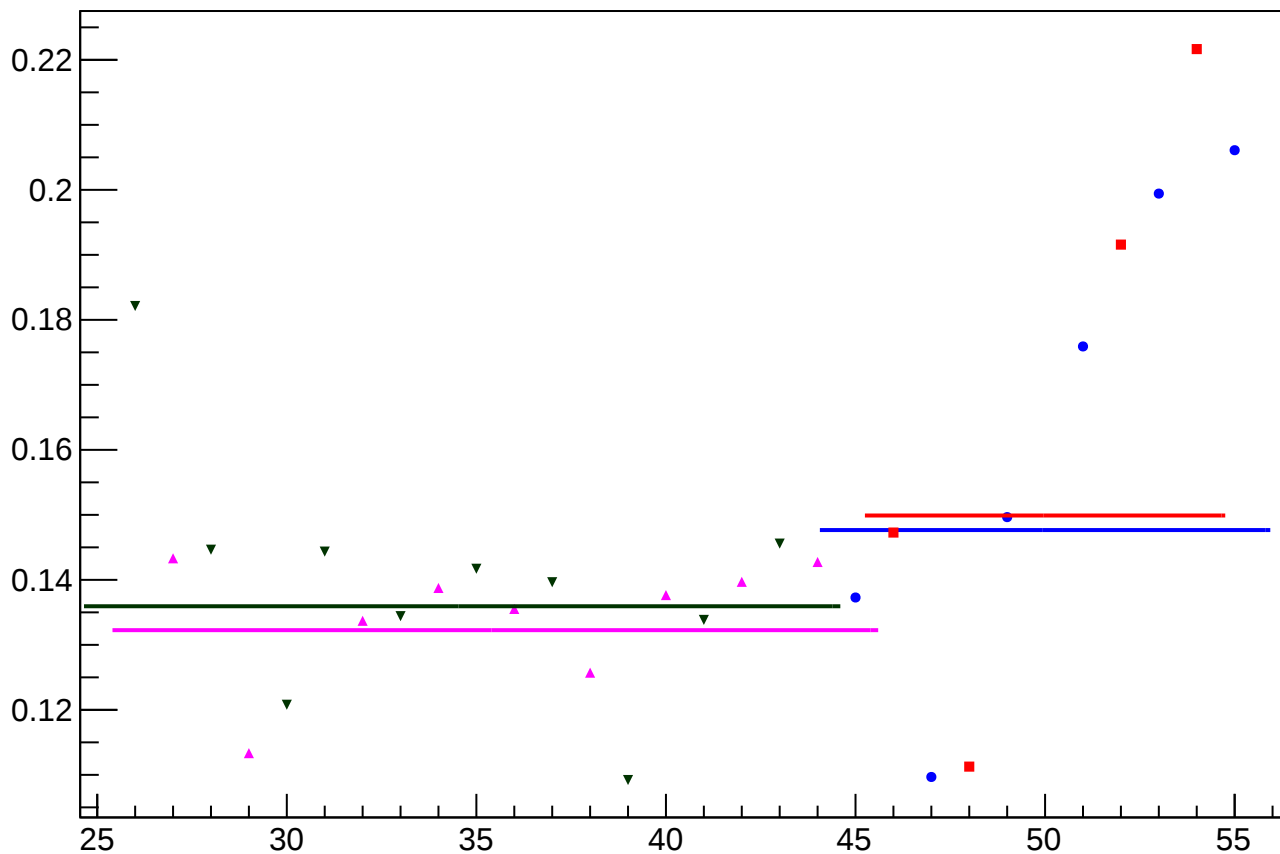
69.345+/-0.000

χ^2/NDF : 803016972.5/12

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.148+/-0.000 χ^2/NDF : 294588.5/5

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

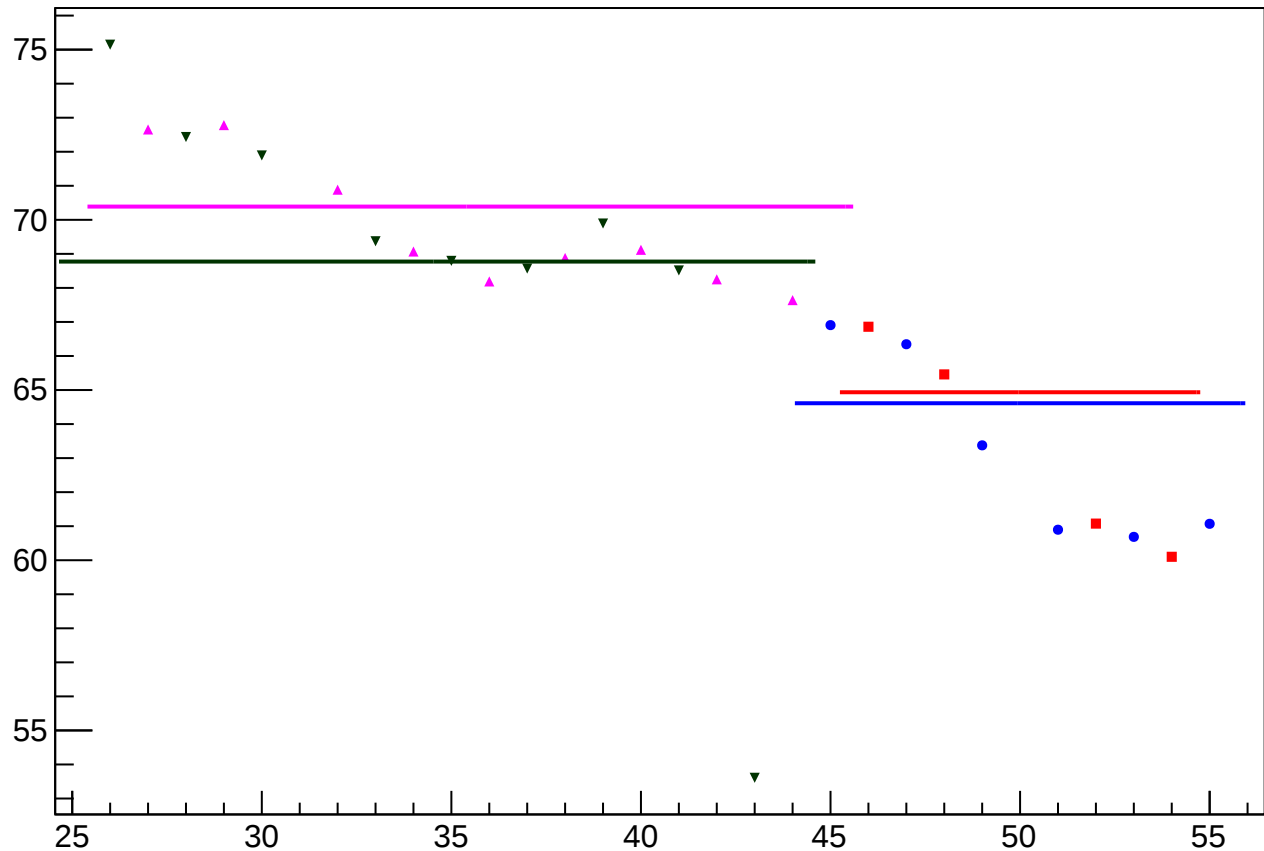
Right Out: 0.150+/-0.000 χ^2/NDF : 258463.0/3

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

0.140+/-0.000 χ^2/NDF : 462975.6/15

0.136+/-0.000 χ^2/NDF : 365044.6/12

yield_usr_mean vs slug



Right In: 64.612+/-0.000 χ^2/NDF : 1879367852.0/5

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

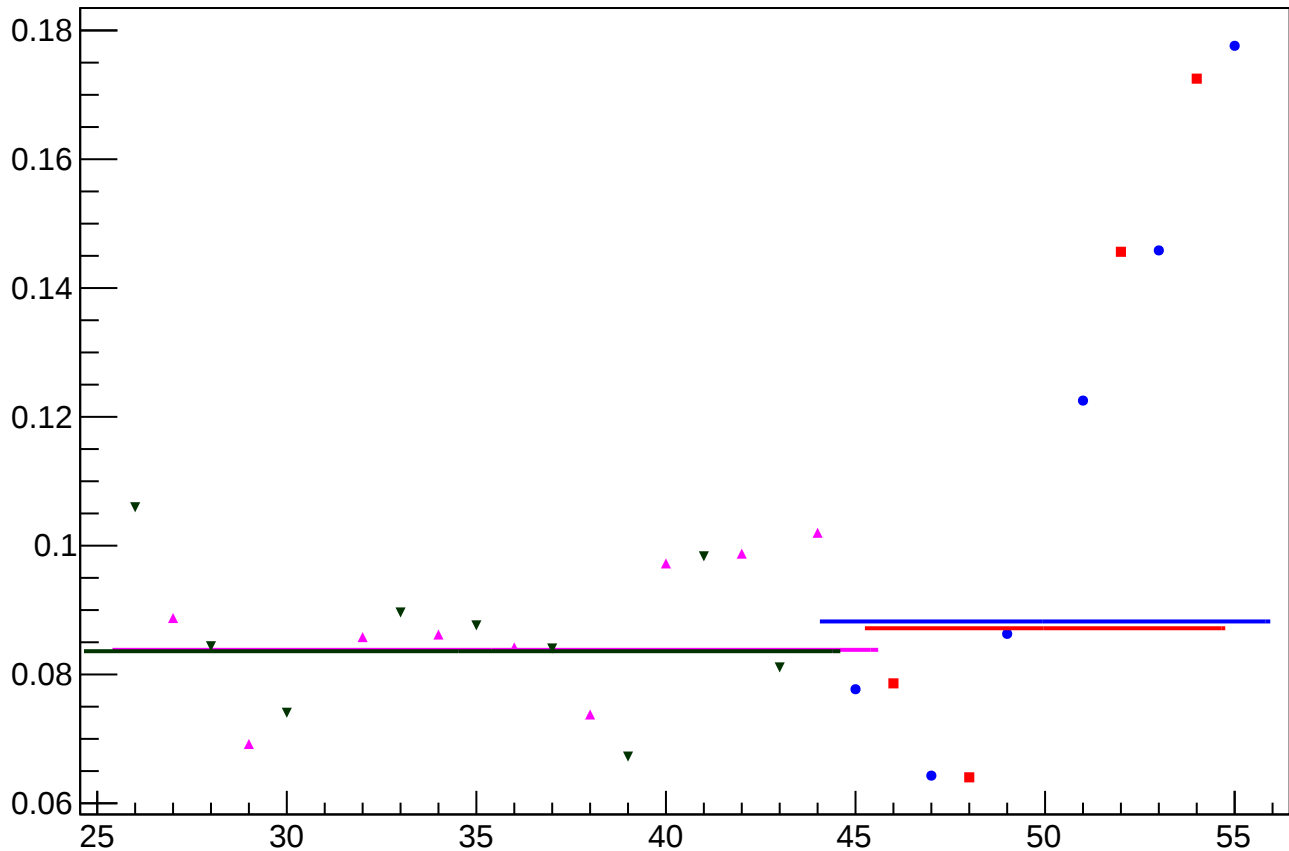
67.219+/-0.000 χ^2/NDF : 24259768743.7/14

Right Out: 64.935+/-0.000 χ^2/NDF : 979120626.2/3

69.228+/-0.000 χ^2/NDF : 8280576316.6/12

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

yield_usr_rms vs slug



Right In: 0.088+/-0.000 χ^2/NDF : 615555.0/5

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

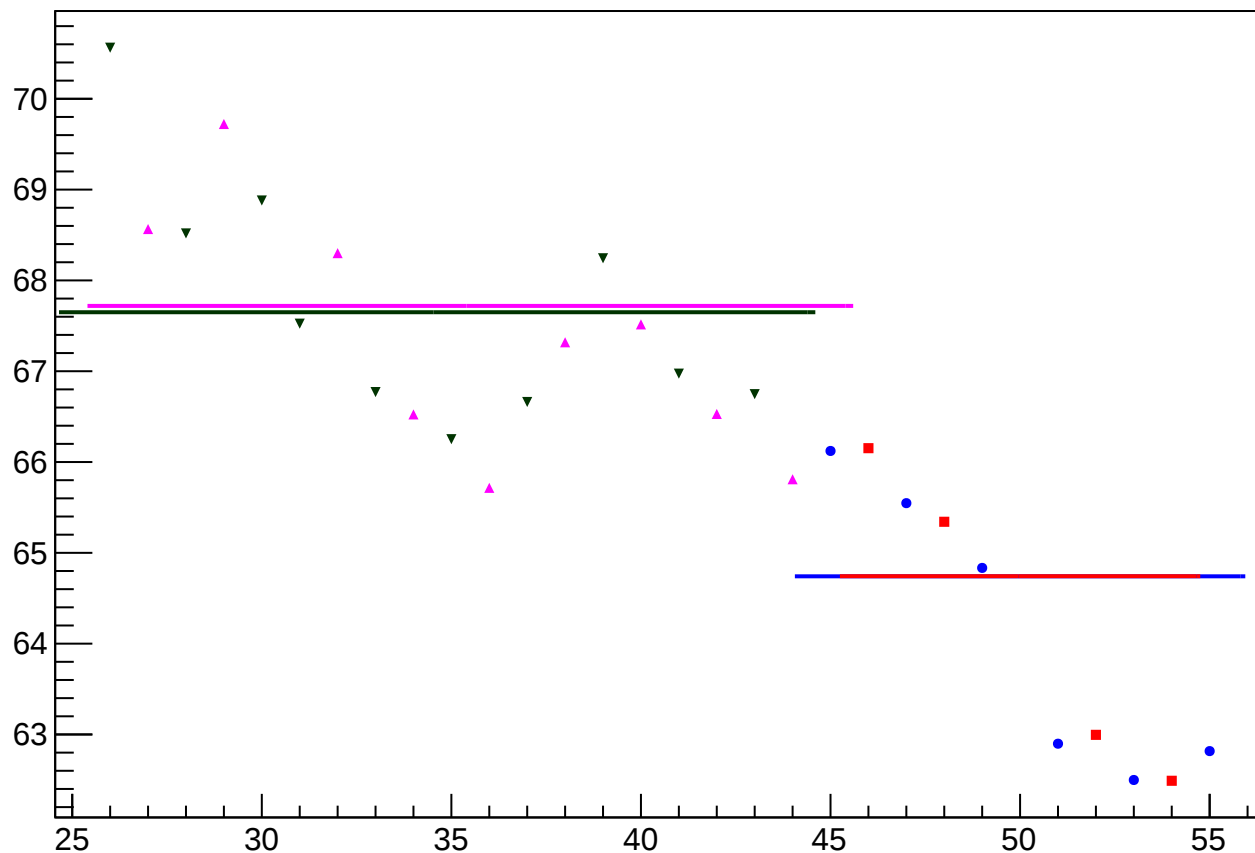
Right Out: 0.087+/-0.000 χ^2/NDF : 509670.4/3

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

0.085+/-0.000 χ^2/NDF : 762621.5/14

0.085+/-0.000 χ^2/NDF : 675323.2/12

yield_dsl_mean vs slug



Right In: 64.741 ± 0.000 χ^2/NDF : 238308811.4/5

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

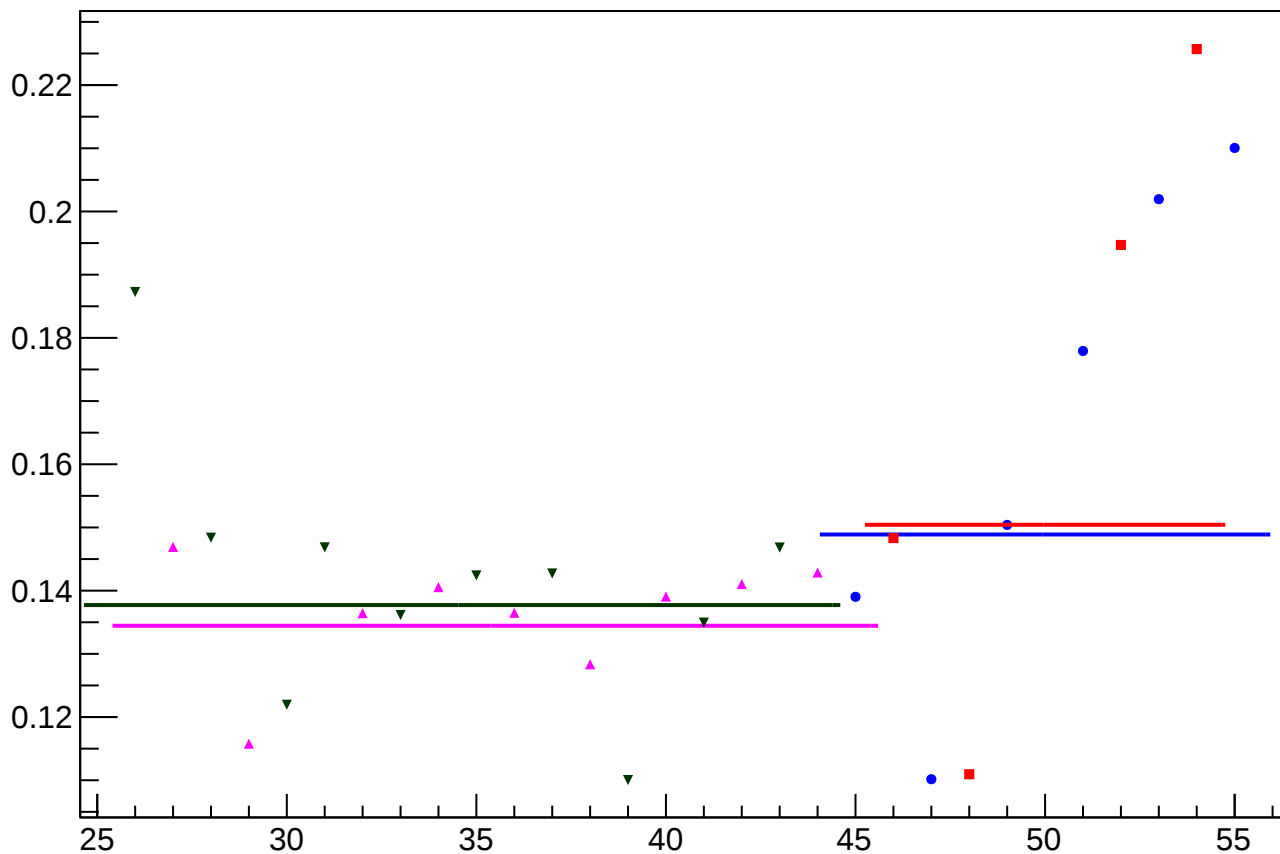
Right Out: 64.743 ± 0.000 χ^2/NDF : 143342326.8/3

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

66.603 ± 0.000 χ^2/NDF : 1358841814.6/15

67.108 ± 0.000 χ^2/NDF : 1226681360.8/12

yield_dsl_rms vs slug



Right In: 0.149+/-0.000 χ^2/NDF : 304211.0/5

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

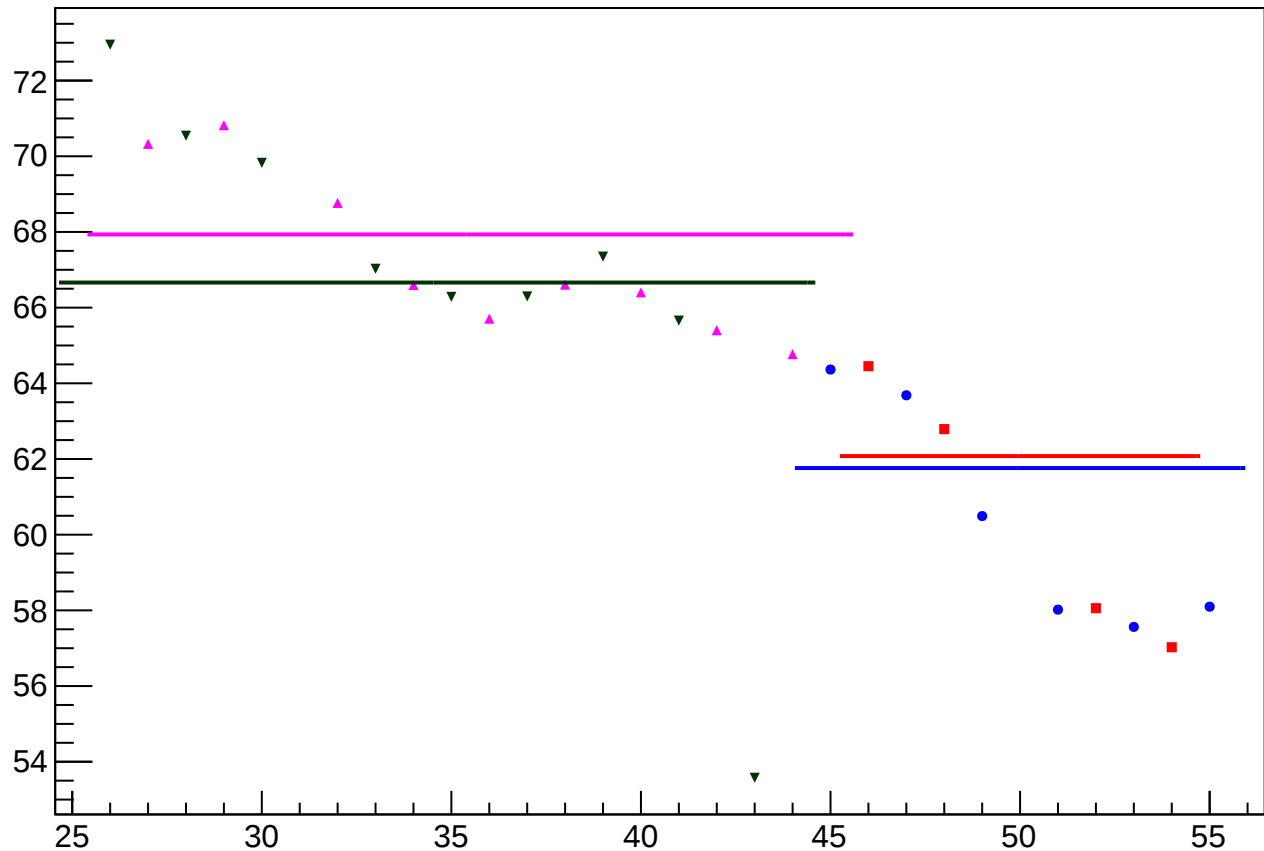
Right Out: 0.150+/-0.000 χ^2/NDF : 275476.8/3

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

0.142+/-0.000 χ^2/NDF : 481146.4/15

0.138+/-0.000 χ^2/NDF : 370057.9/12

yield_dsr_mean vs slug



Right In: 61.761+/-0.000 χ^2/NDF : 2359518324.0/5

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

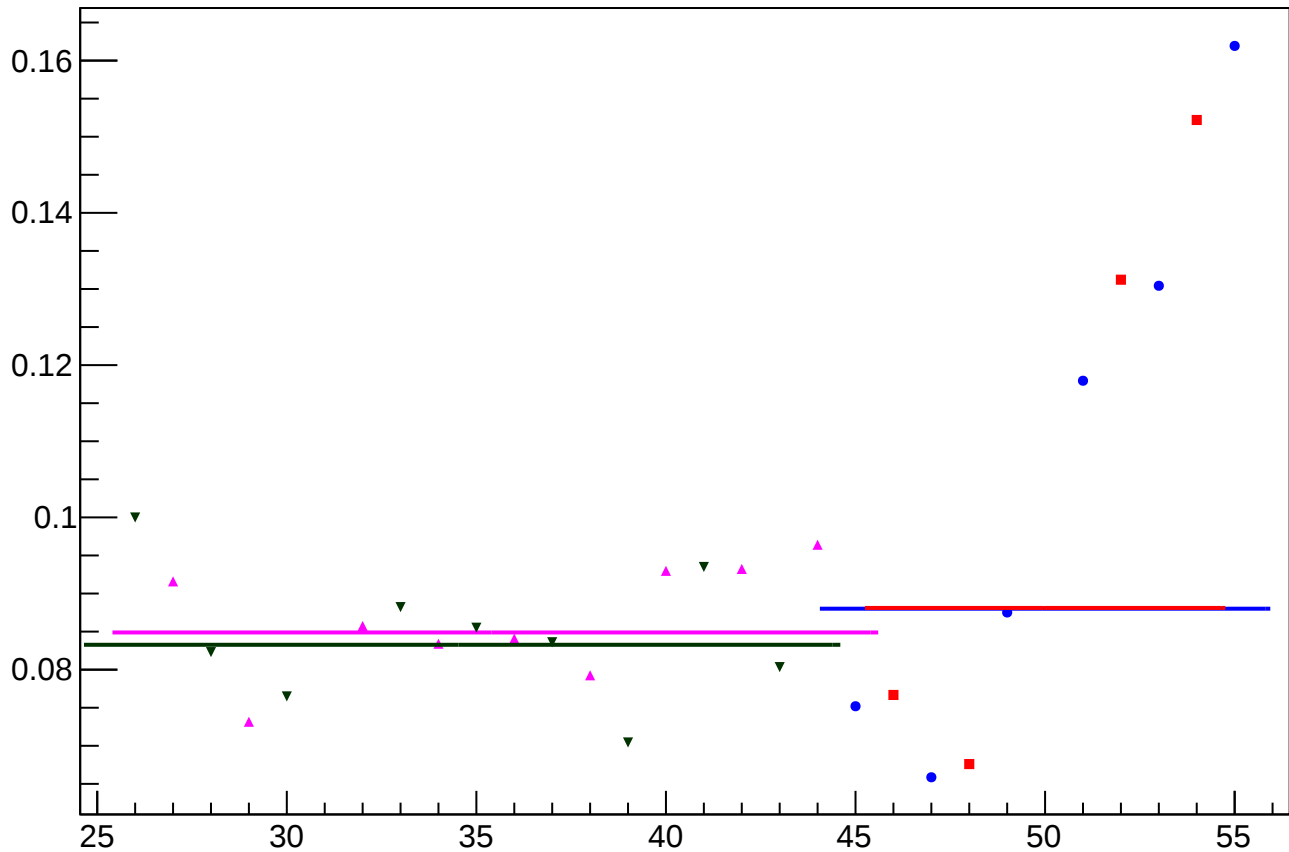
64.814+/-0.000 χ^2/NDF : 23498001321.9/14

Right Out: 62.077+/-0.000 χ^2/NDF : 1391885479.8/3

66.651+/-0.000 χ^2/NDF : 10135010829.7/12

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

yield_dsr_rms vs slug



Right In: 0.088 $\pm$ 0.000 χ^2 /NDF: 499475.4/5

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

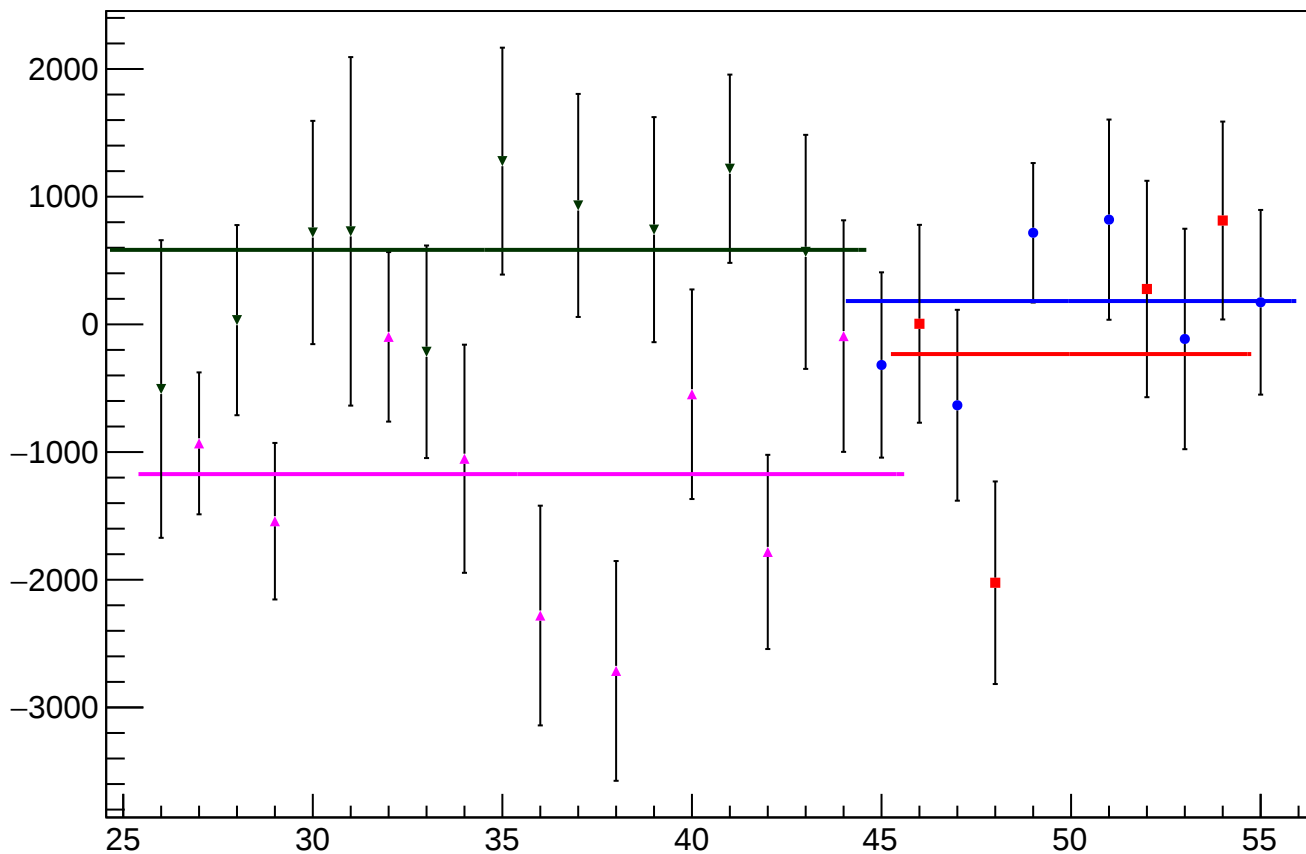
Right Out: 0.088 $\pm$ 0.000 χ^2 /NDF: 365362.9/3

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

0.085 $\pm$ 0.000 χ^2 /NDF: 588558.8/14

0.086 $\pm$ 0.000 χ^2 /NDF: 449778.9/12

asym_usl_mean vs slug



Right In: 182.666 $\pm$ 289.611 χ^2 /NDF: 3.4/5

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

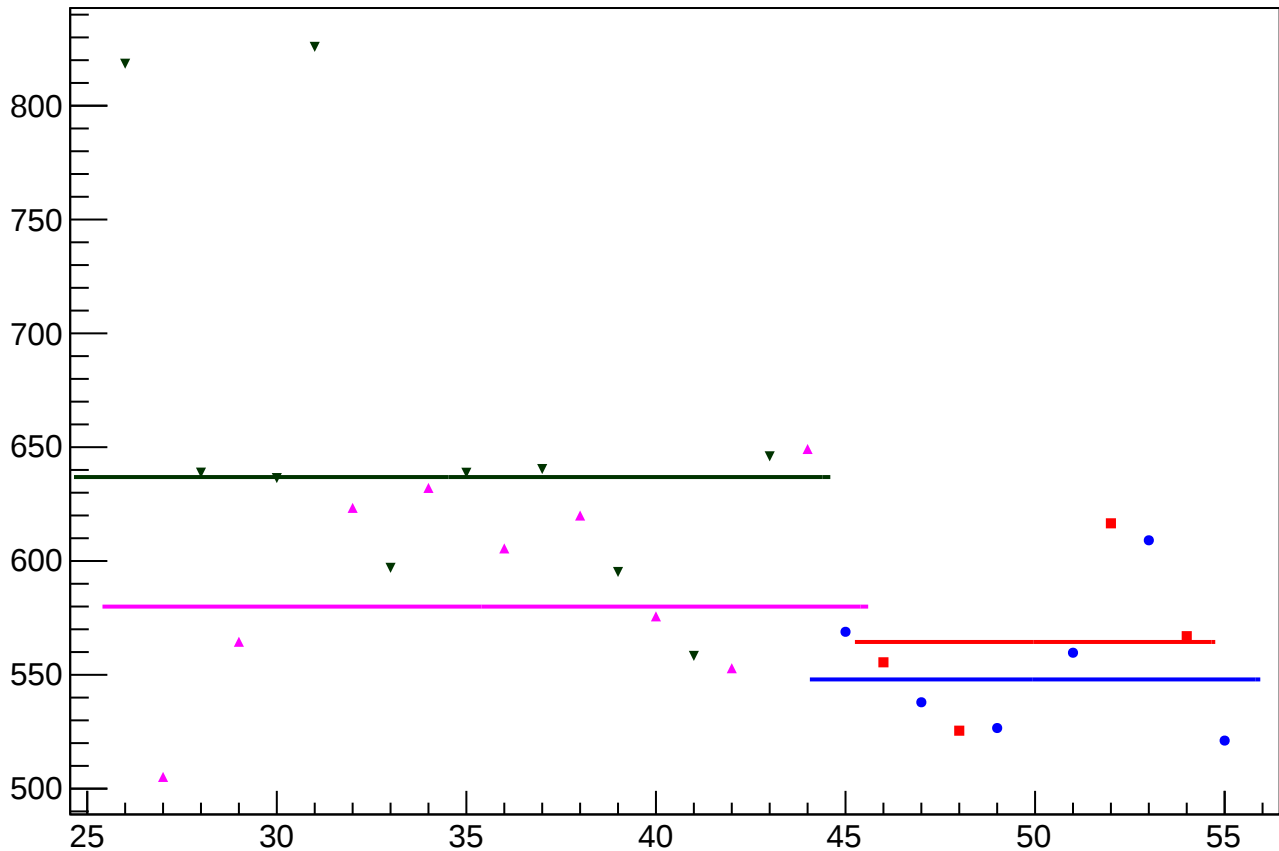
Right Out: -232.483 $\pm$ 398.012 χ^2 /NDF: 7.4/3

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

389.577 $\pm$ 201.431 χ^2 /NDF: 8.3/15

-913.126 $\pm$ 209.127 χ^2 /NDF: 22.1/12

asym_usl_rms vs slug



Right In: 547.975+/-0.205 χ^2/NDF : 18311.1/5

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

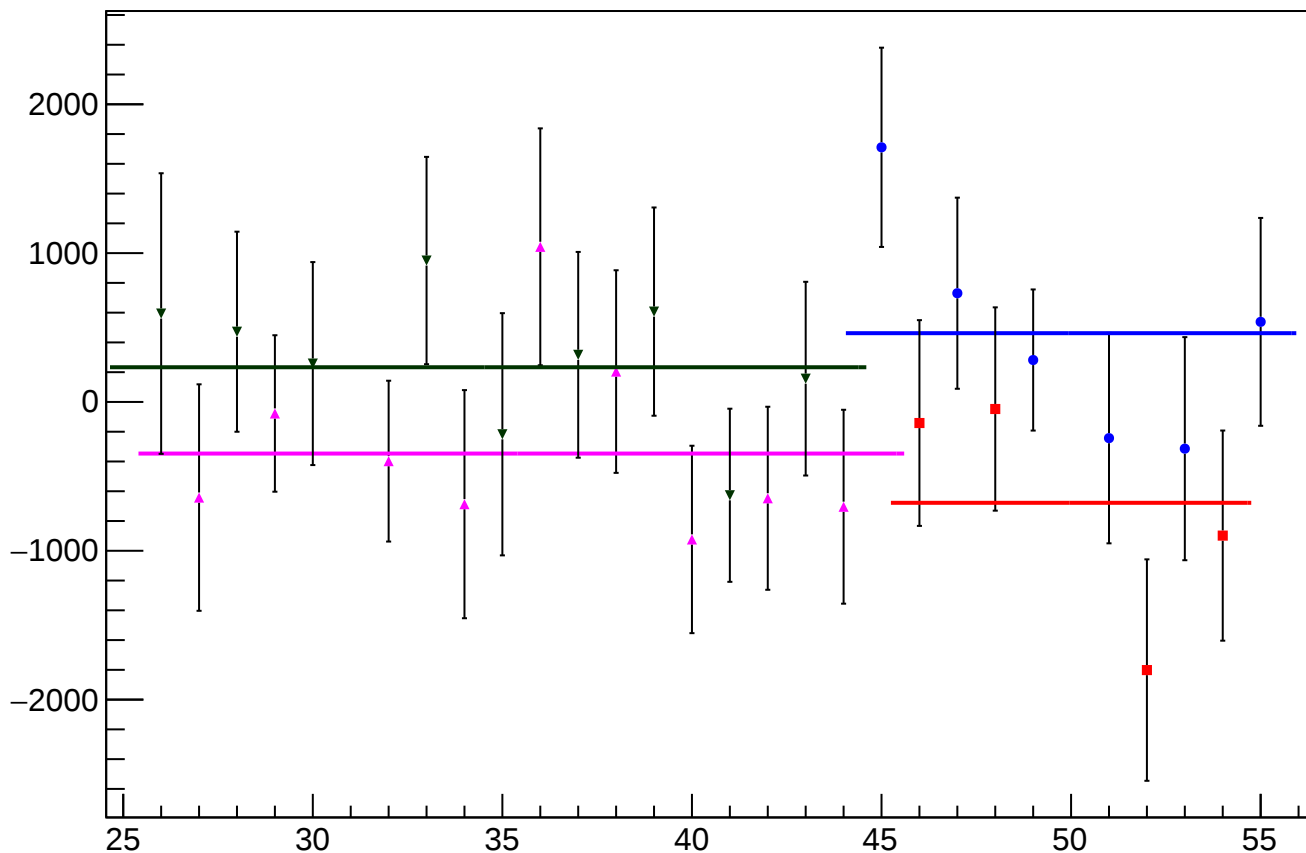
Right Out: 564.436+/-0.281 χ^2/NDF : 12680.0/3

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

593.872+/-0.142 χ^2/NDF : 234533.2/15

575.681+/-0.148 χ^2/NDF : 88086.2/12

asym_usr_mean vs slug



Right In: 462.073 ± 258.741 $\chi^2/\text{NDF}: 5.9/5$

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

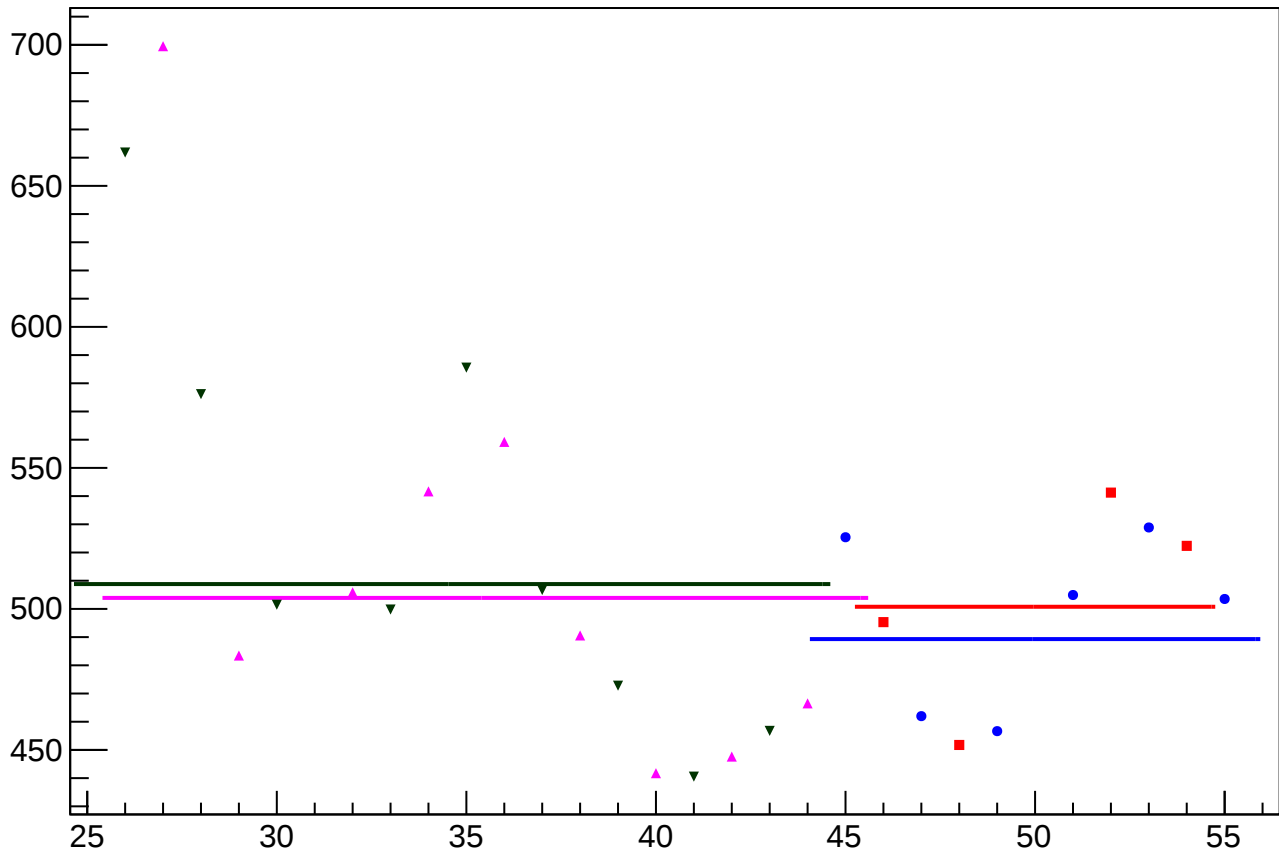
Right Out: -677.645 ± 352.462 $\chi^2/\text{NDF}: 3.8/3$

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

335.388 ± 172.904 $\chi^2/\text{NDF}: 10.5/14$

-436.162 ± 183.235 $\chi^2/\text{NDF}: 10.2/12$

asym_usr_rms vs slug



Right In: 489.300 ± 0.183 χ^2/NDF : 26301.9/5

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

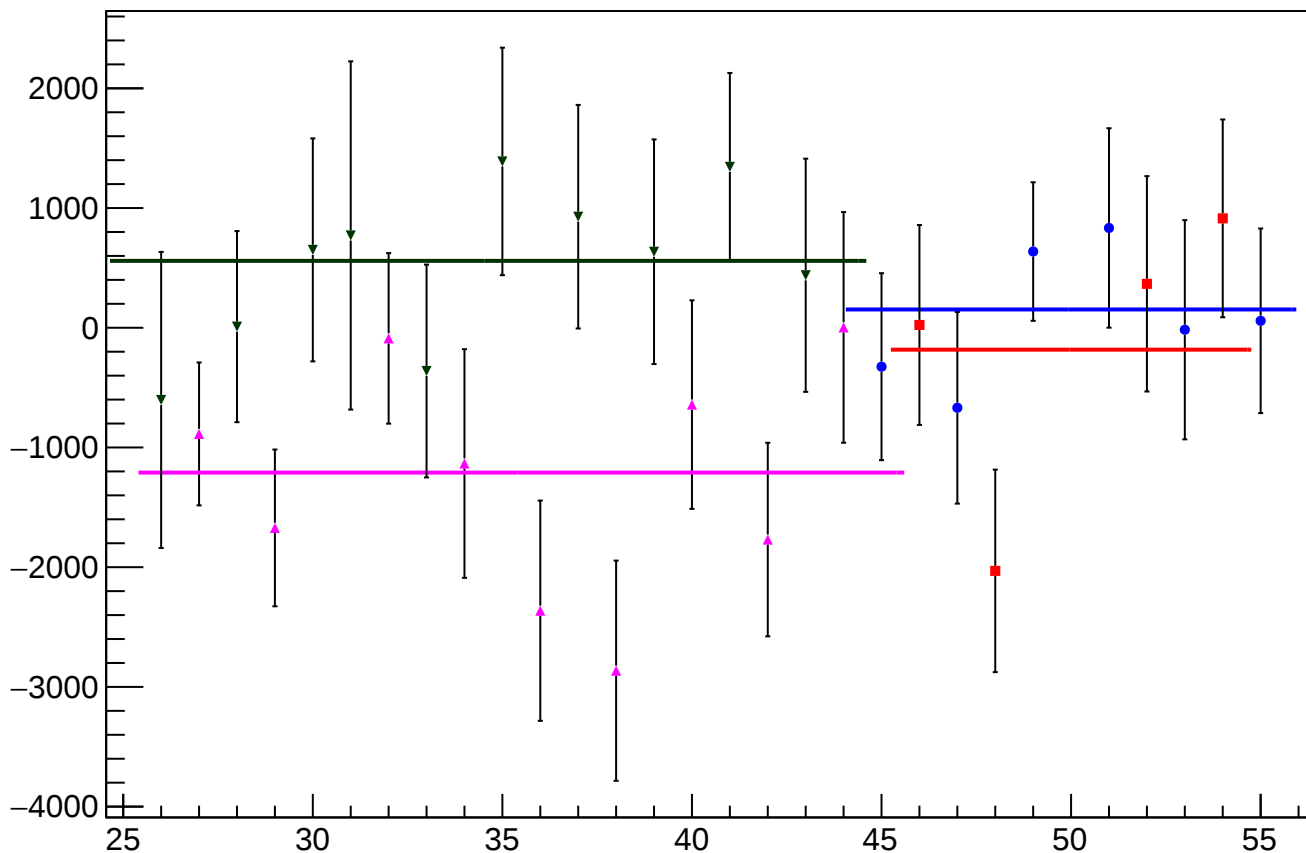
Right Out: 500.765 ± 0.249 χ^2/NDF : 18209.6/3

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

500.097 ± 0.122 χ^2/NDF : 169395.4/14

503.055 ± 0.130 χ^2/NDF : 211673.6/12

asym_dsl_mean vs slug



Right In: 152.789 $\pm$ 308.590 χ^2/NDF : 2.8/5

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

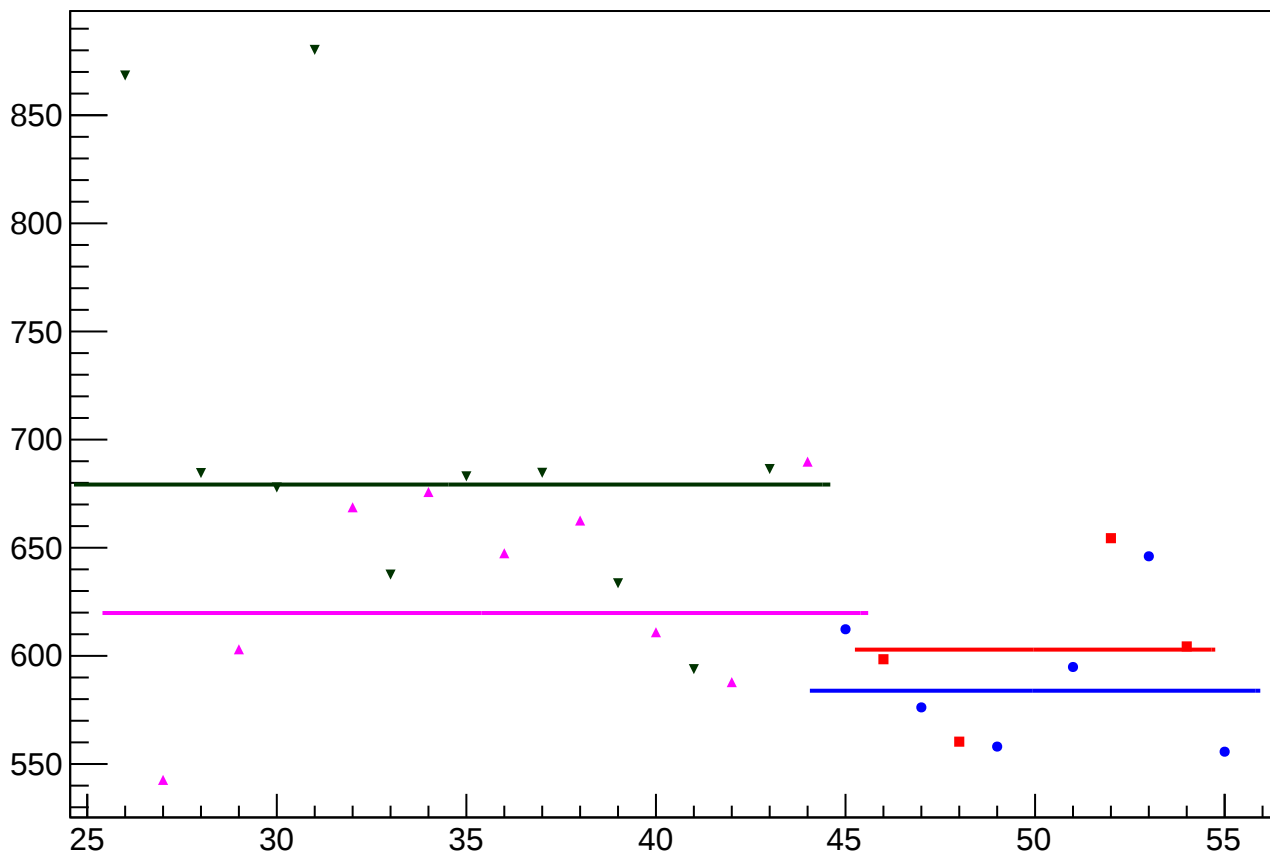
Right Out: -182.894 $\pm$ 425.072 χ^2/NDF : 7.0/3

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

362.208 $\pm$ 214.729 χ^2/NDF : 8.1/15

-925.953 $\pm$ 223.432 χ^2/NDF : 21.8/12

asym_dsl_rms vs slug



Right In: 583.887+/-0.218 χ^2/NDF : 19056.6/5

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

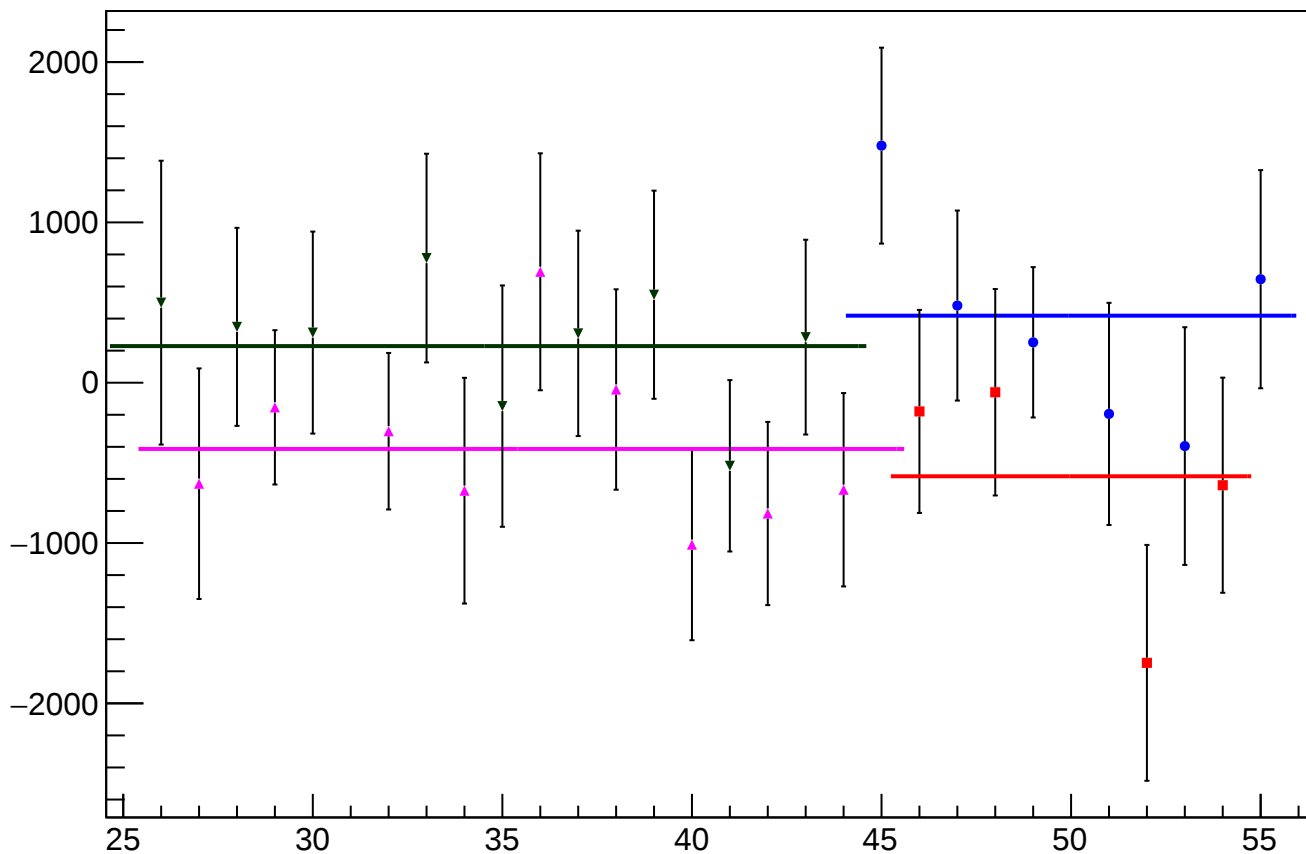
Right Out: 602.890+/-0.301 χ^2/NDF : 11689.0/3

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

633.063+/-0.152 χ^2/NDF : 235615.5/15

615.141+/-0.158 χ^2/NDF : 85040.1/12

asym_dsr_mean vs slug



Right In: 418.132 $\pm$ 248.953 χ^2 /NDF: 5.2/5

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

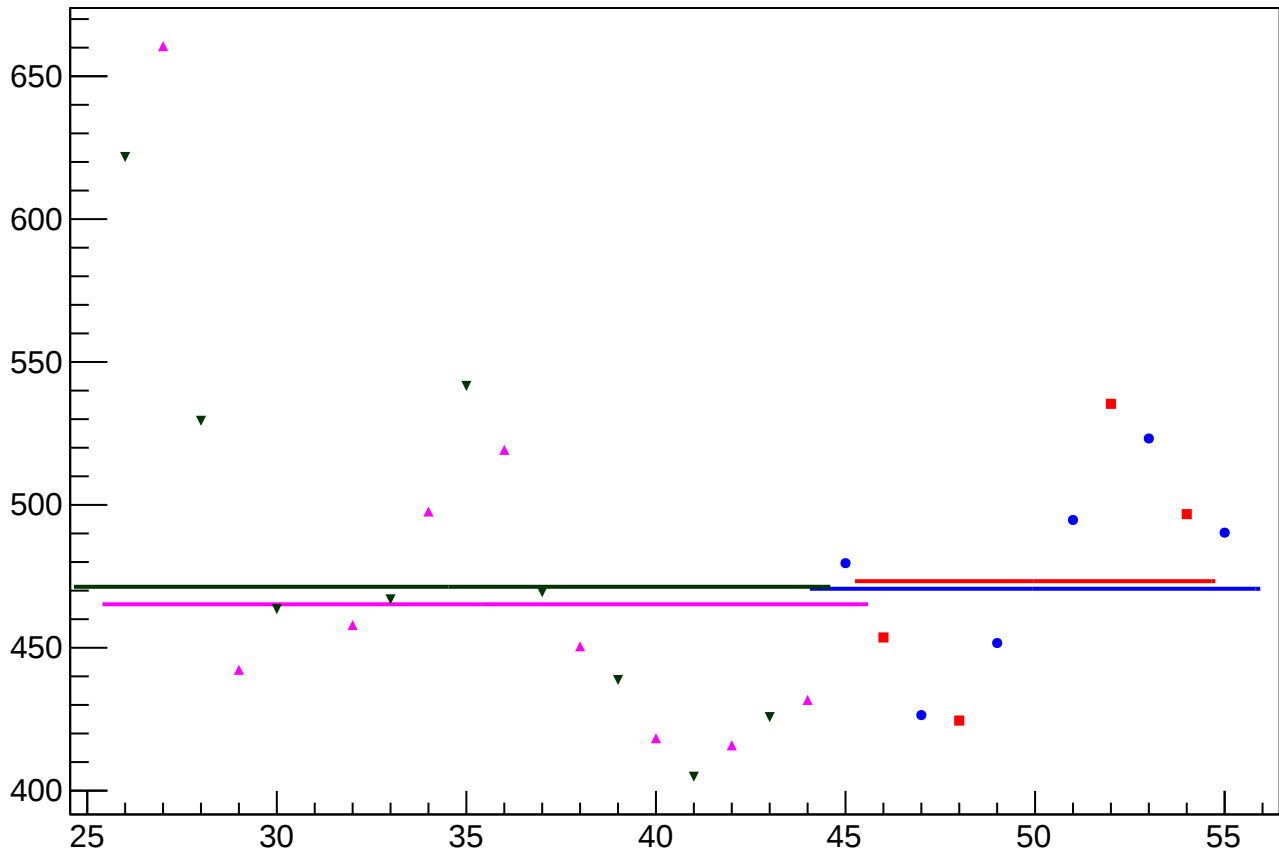
Right Out: -583.663 $\pm$ 333.771 χ^2 /NDF: 3.6/3

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

309.608 $\pm$ 162.873 χ^2 /NDF: 8.9/14

-457.559 $\pm$ 170.356 χ^2 /NDF: 8.6/12

asym_dsr_rms vs slug



Right In: 470.660+/-0.176 χ^2/NDF : 28969.9/5

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

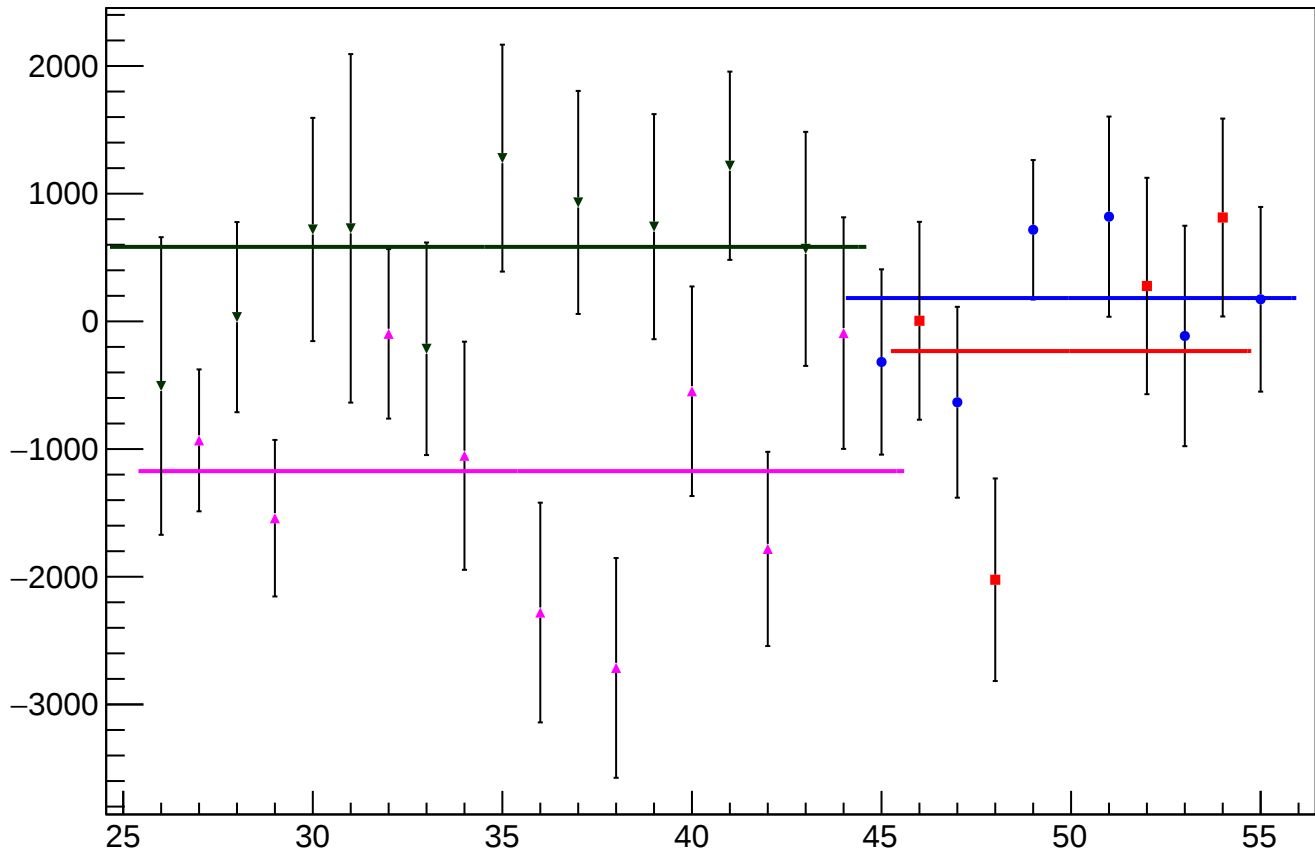
Right Out: 473.304+/-0.236 χ^2/NDF : 30097.9/3

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

471.052+/-0.115 χ^2/NDF : 169498.8/14

467.329+/-0.120 χ^2/NDF : 232986.1/12

cor_usl_mean vs slug



Right In: 182.666 ± 289.611 χ^2/NDF : 3.4/5

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

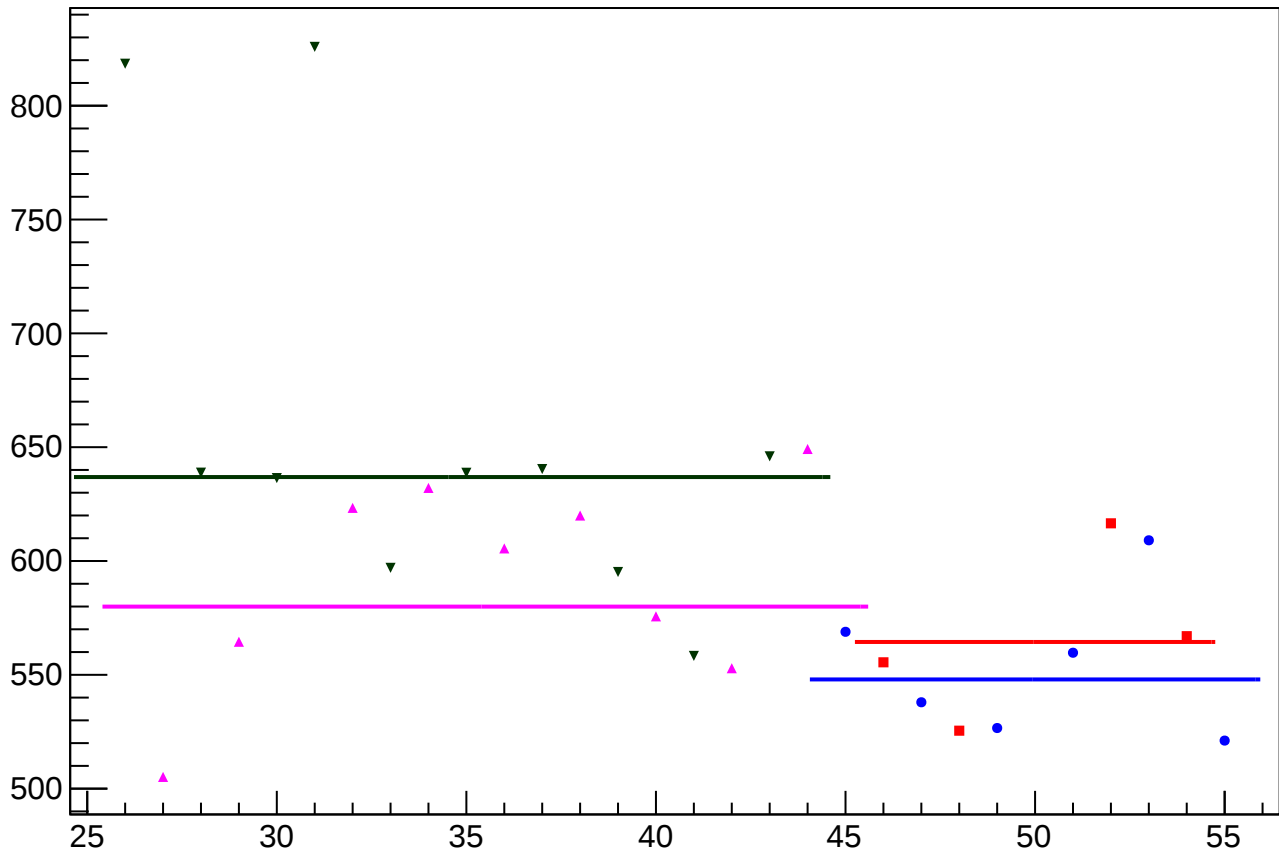
Right Out: -232.483 ± 398.012 χ^2/NDF : 7.4/3

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

389.577 ± 201.431 χ^2/NDF : 8.3/15

-913.126 ± 209.127 χ^2/NDF : 22.1/12

cor_usl_rms vs slug



Right In: 547.975 $\pm$ 0.205 χ^2 /NDF: 18311.1/5

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

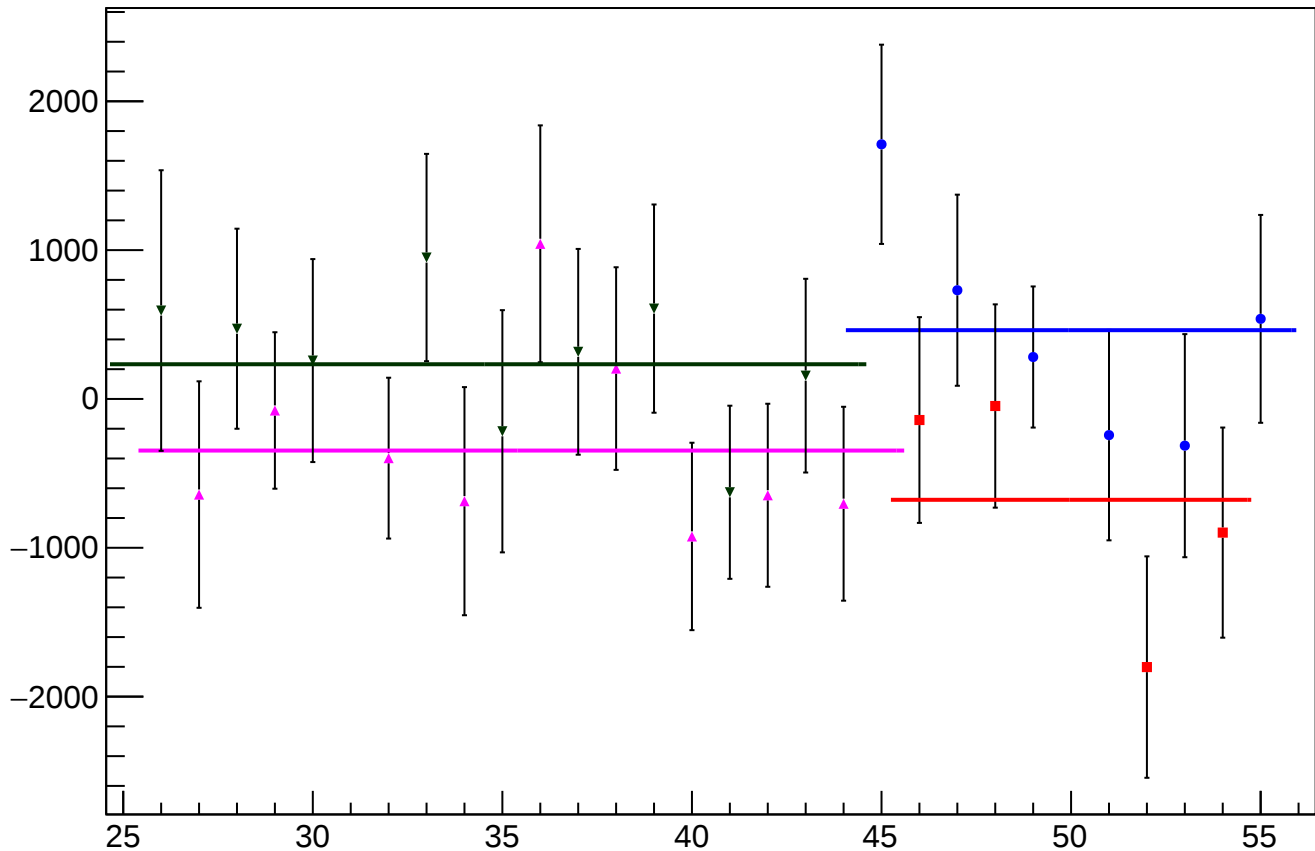
Right Out: 564.436 $\pm$ 0.281 χ^2 /NDF: 12680.0/3

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

593.872 $\pm$ 0.142 χ^2 /NDF: 234533.2/15

575.681 $\pm$ 0.148 χ^2 /NDF: 88086.2/12

cor_usr_mean vs slug



Right In: 462.073 ± 258.741 χ^2/NDF : 5.9/5

Left Out: 233.170 ± 232.417 χ^2/NDF : 4.1/8

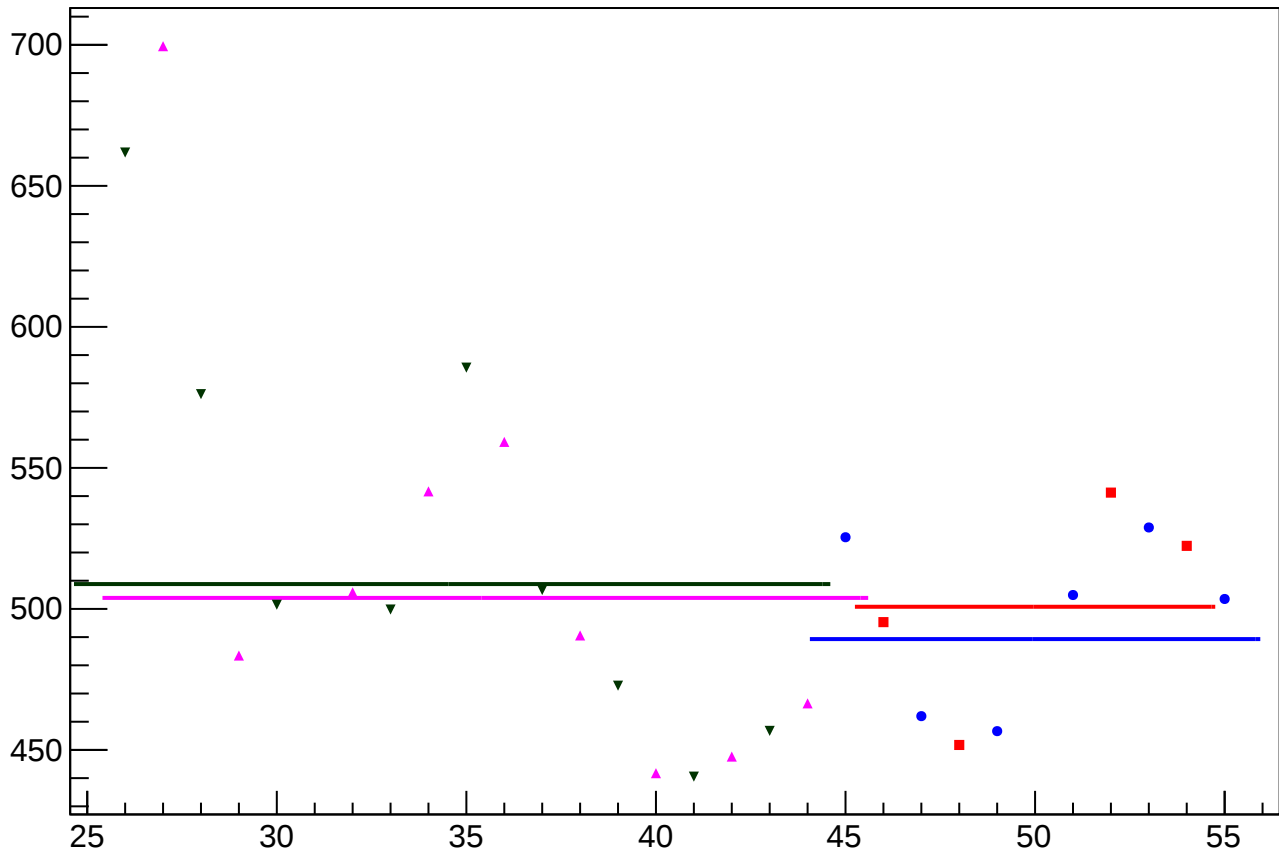
335.388 ± 172.904 χ^2/NDF : 10.5/14

Right Out: -677.645 ± 352.462 χ^2/NDF : 3.8/3

-436.162 ± 183.235 χ^2/NDF : 10.2/12

Left In: -346.725 ± 214.500 χ^2/NDF : 5.7/8

cor_usr_rms vs slug



Right In: 489.300 ± 0.183 χ^2/NDF : 26301.9/5

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

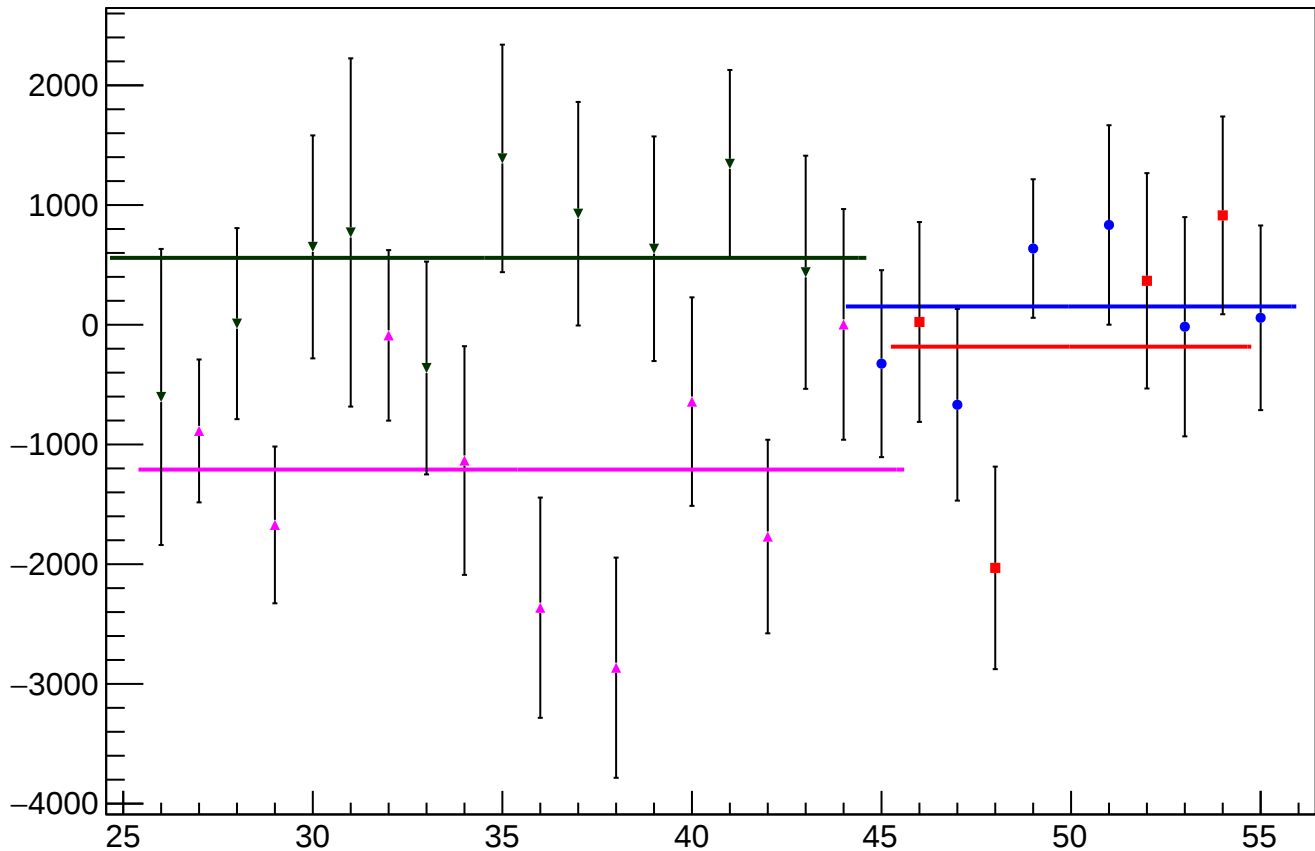
Right Out: 500.765 ± 0.249 χ^2/NDF : 18209.6/3

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

500.097 ± 0.122 χ^2/NDF : 169395.4/14

503.055 ± 0.130 χ^2/NDF : 211673.6/12

cor_dsl_mean vs slug



Right In: 152.789 $\pm$ 308.590 χ^2 /NDF: 2.8/5

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

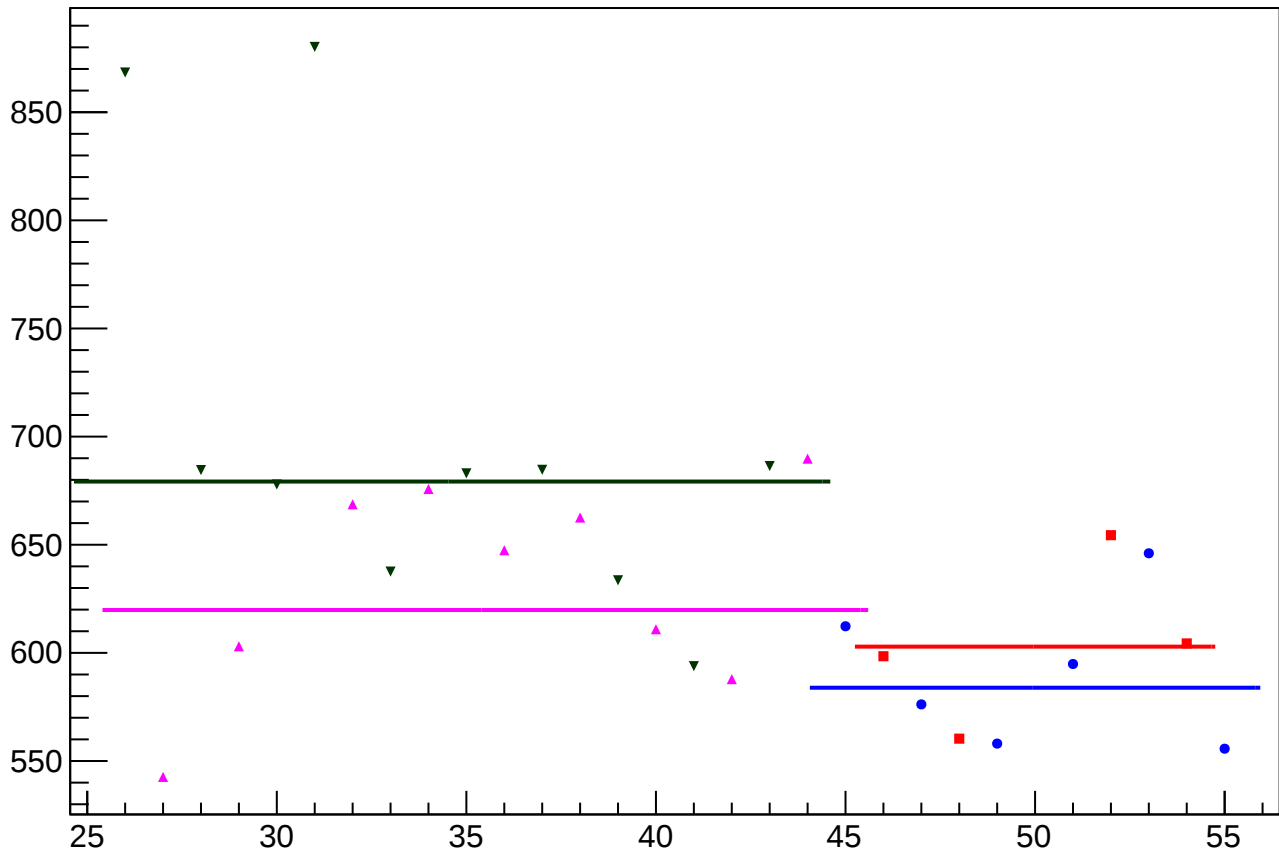
Right Out: -182.894 $\pm$ 425.072 χ^2 /NDF: 7.0/3

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

362.208 $\pm$ 214.729 χ^2 /NDF: 8.1/15

-925.953 $\pm$ 223.432 χ^2 /NDF: 21.8/12

cor_dsl_rms vs slug



Right In: 583.887 ± 0.218 $\chi^2/\text{NDF}: 19056.6/5$

Left Out: 679.225 ± 0.211 $\chi^2/\text{NDF}: 118094.6/9$

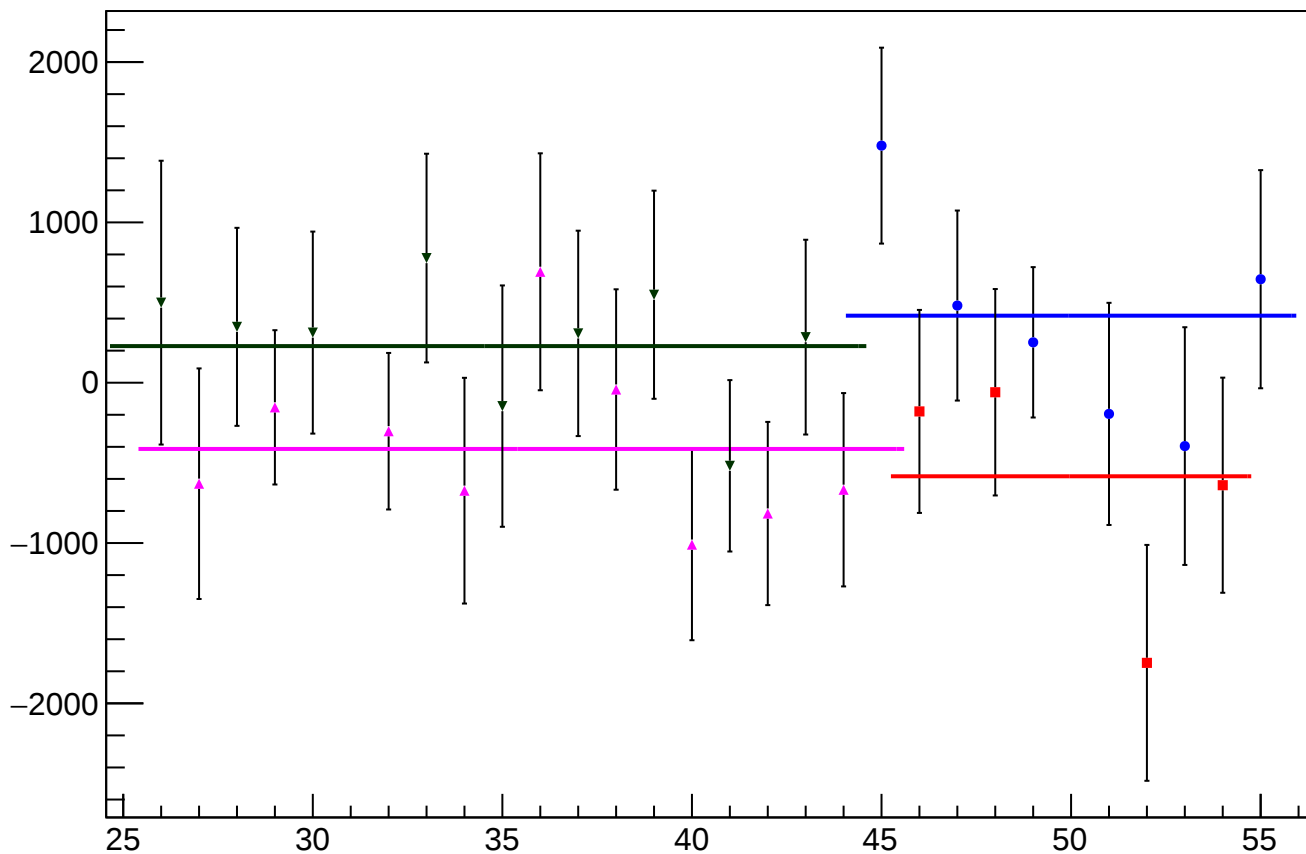
Right Out: 602.890 ± 0.301 $\chi^2/\text{NDF}: 11689.0/3$

Left In: 619.818 ± 0.186 $\chi^2/\text{NDF}: 71055.6/8$

633.063 ± 0.152 $\chi^2/\text{NDF}: 235615.5/15$

615.141 ± 0.158 $\chi^2/\text{NDF}: 85040.1/12$

cor_dsr_mean vs slug



Right In: 418.132 $\pm$ 248.953 χ^2 /NDF: 5.2/5

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

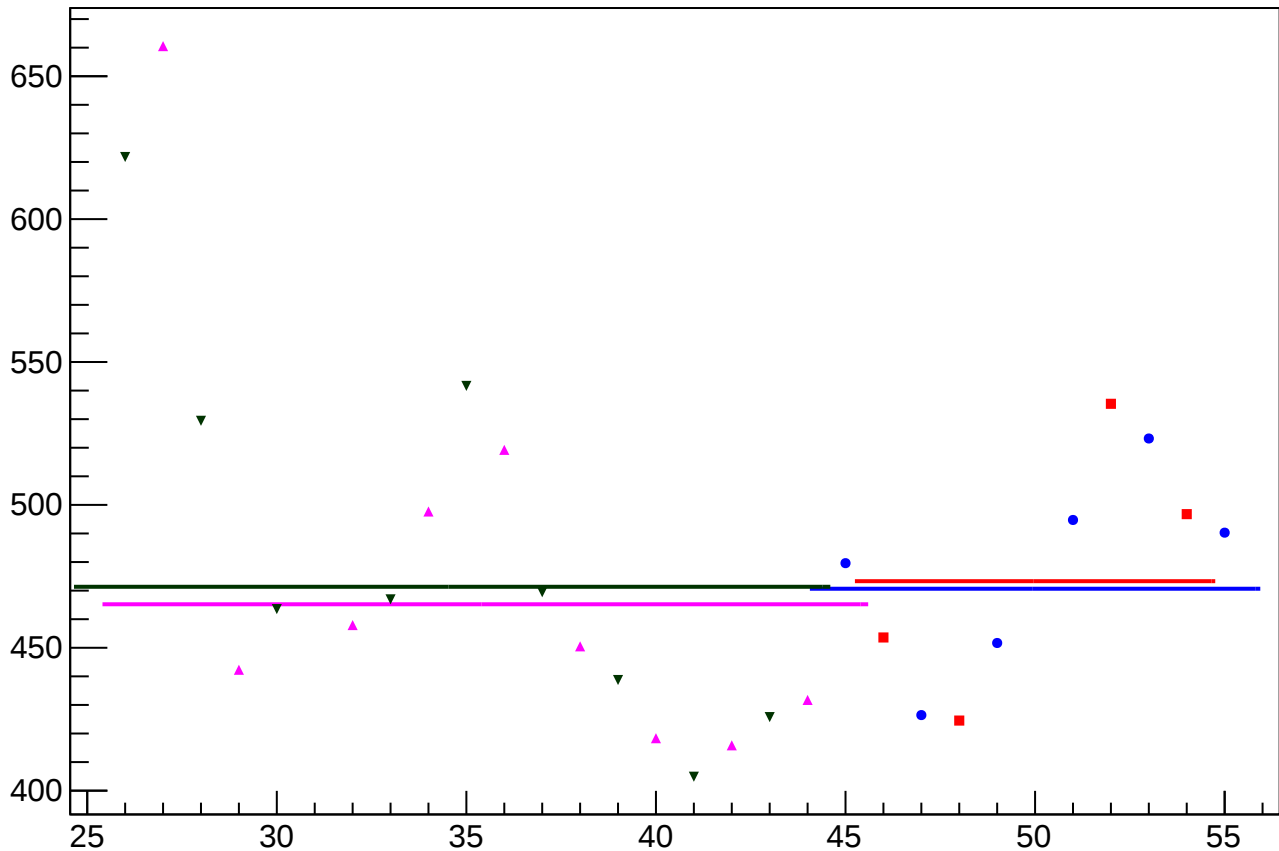
Right Out: -583.663 $\pm$ 333.771 χ^2 /NDF: 3.6/3

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

309.608 $\pm$ 162.873 χ^2 /NDF: 8.9/14

-457.559 $\pm$ 170.356 χ^2 /NDF: 8.6/12

cor_dsr_rms vs slug



Right In: 470.660 ± 0.176 χ^2/NDF : 28969.9/5

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

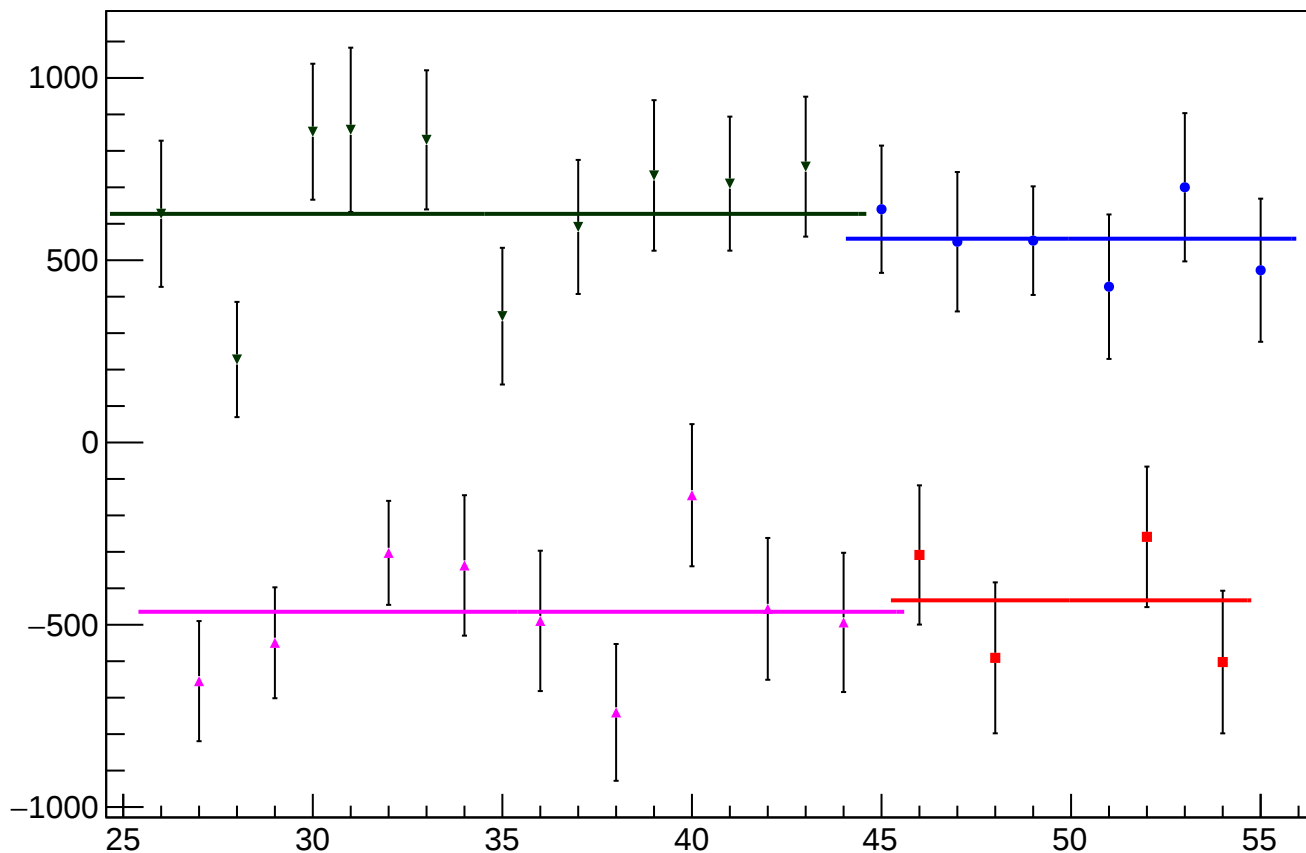
Right Out: 473.304 ± 0.236 χ^2/NDF : 30097.9/3

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

471.052 ± 0.115 χ^2/NDF : 169498.8/14

467.329 ± 0.120 χ^2/NDF : 232986.1/12

reg_asym_usl_mean vs slug



Right In: 559.075 $\pm$ 74.368 χ^2/NDF : 1.3/5

Left Out: 627.204 $\pm$ 59.866 χ^2/NDF : 13.2/9

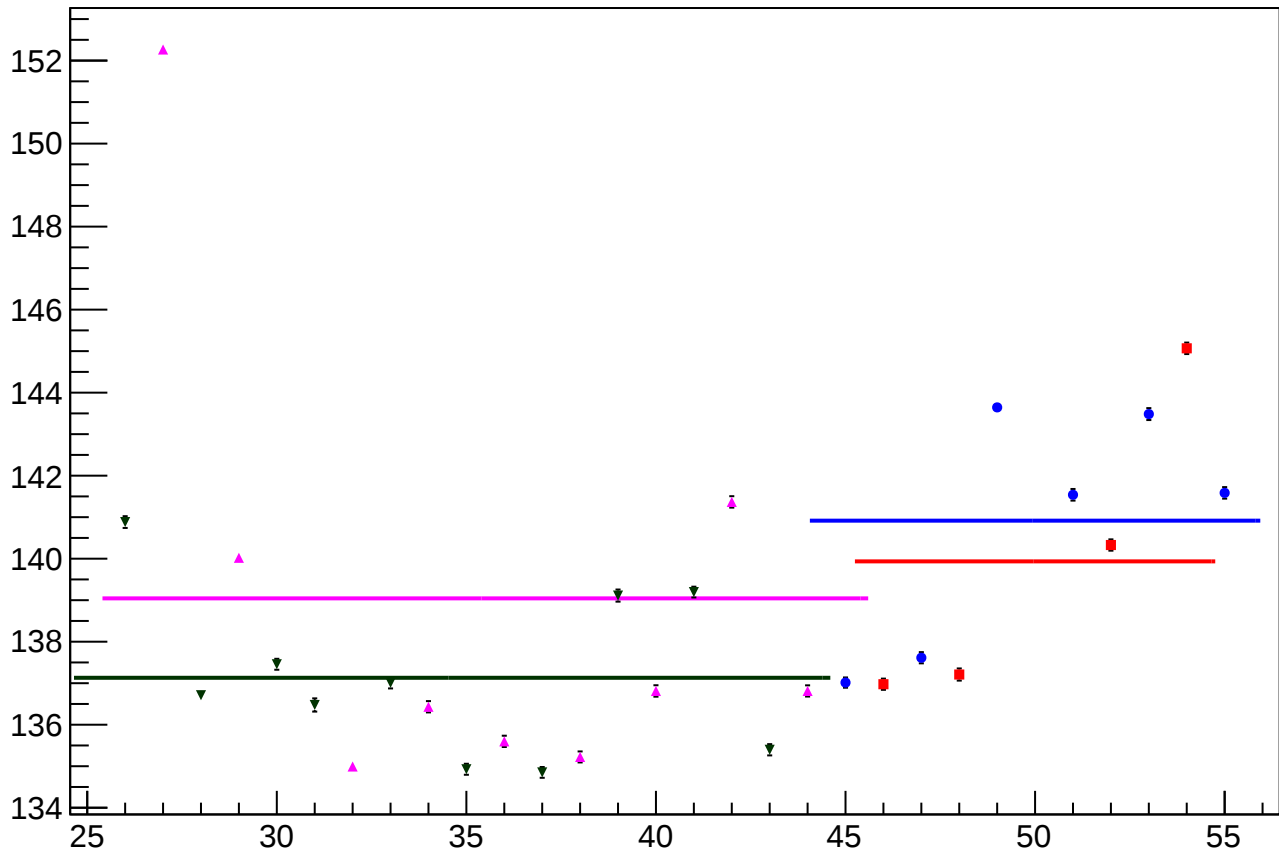
Right Out: -432.994 $\pm$ 98.155 χ^2/NDF : 2.6/3

Left In: -464.385 $\pm$ 58.554 χ^2/NDF : 8.3/8

600.415 $\pm$ 46.633 χ^2/NDF : 15.1/15

-456.146 $\pm$ 50.286 χ^2/NDF : 10.9/12

reg_asym_usl_rms vs slug



Right In: 140.916 ± 0.053 χ^2/NDF : 2628.0/5

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

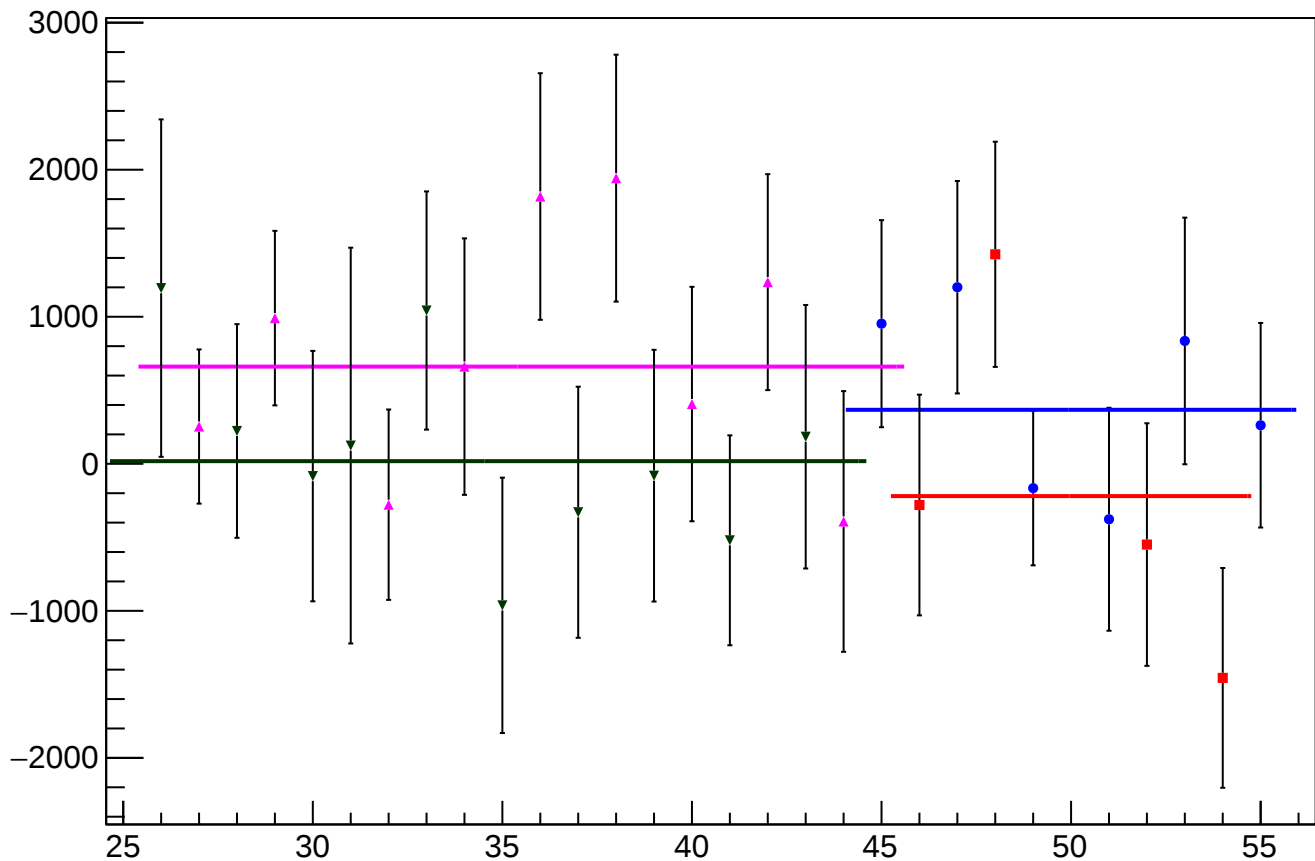
Right Out: 139.935 ± 0.069 χ^2/NDF : 2212.2/3

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

138.619 ± 0.033 χ^2/NDF : 7693.8/15

139.278 ± 0.036 χ^2/NDF : 19567.3/12

asym_usl_correction_mean vs slug



Right In: 367.253 ± 279.639 $\chi^2/\text{NDF}: 4.4/5$

Left Out: 17.986 ± 273.379 $\chi^2/\text{NDF}: 4.8/9$

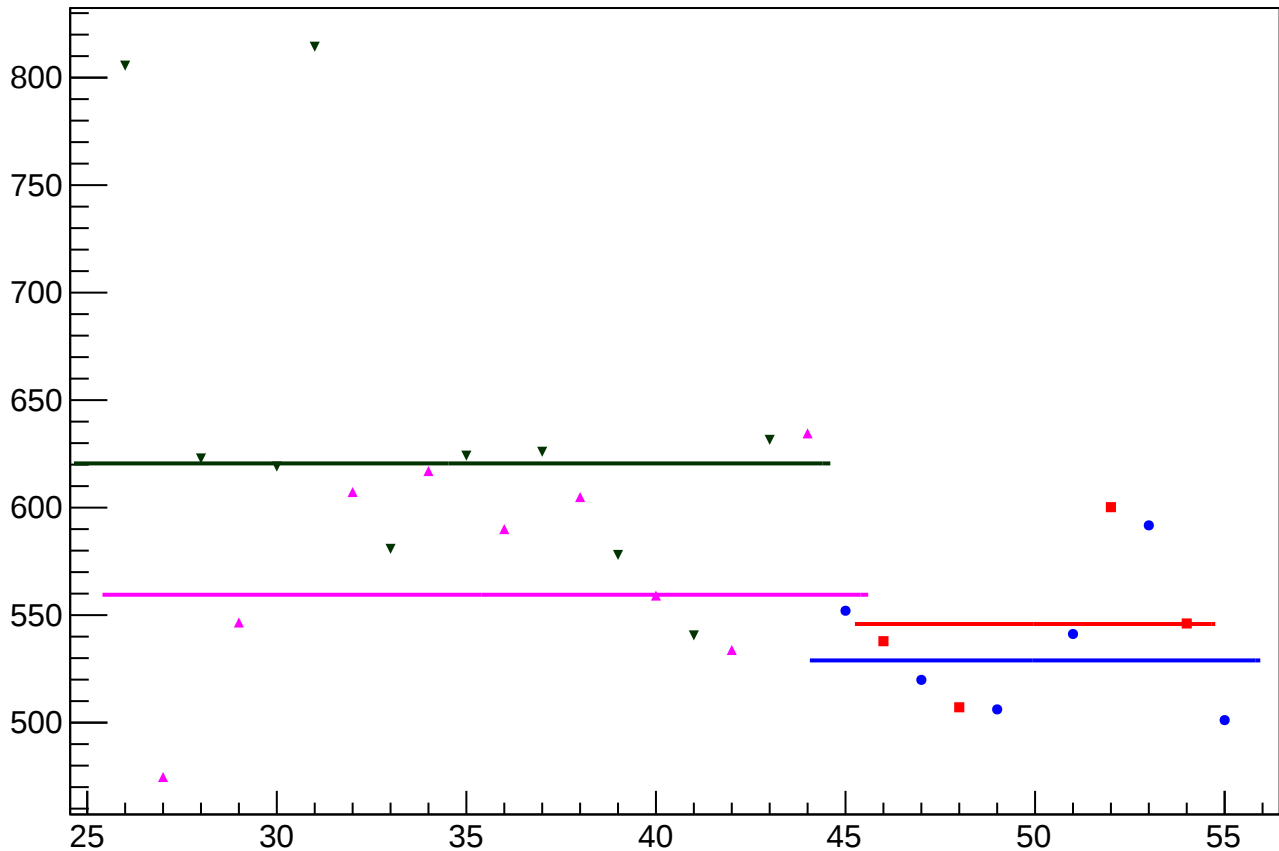
Right Out: -219.678 ± 385.167 $\chi^2/\text{NDF}: 7.5/3$

Left In: 660.987 ± 237.561 $\chi^2/\text{NDF}: 9.4/8$

188.666 ± 195.484 $\chi^2/\text{NDF}: 10.0/15$

418.295 ± 202.195 $\chi^2/\text{NDF}: 20.7/12$

asym_usl_correction_rms vs slug



Right In: 528.932 ± 0.198 χ^2/NDF : 21159.2/5

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

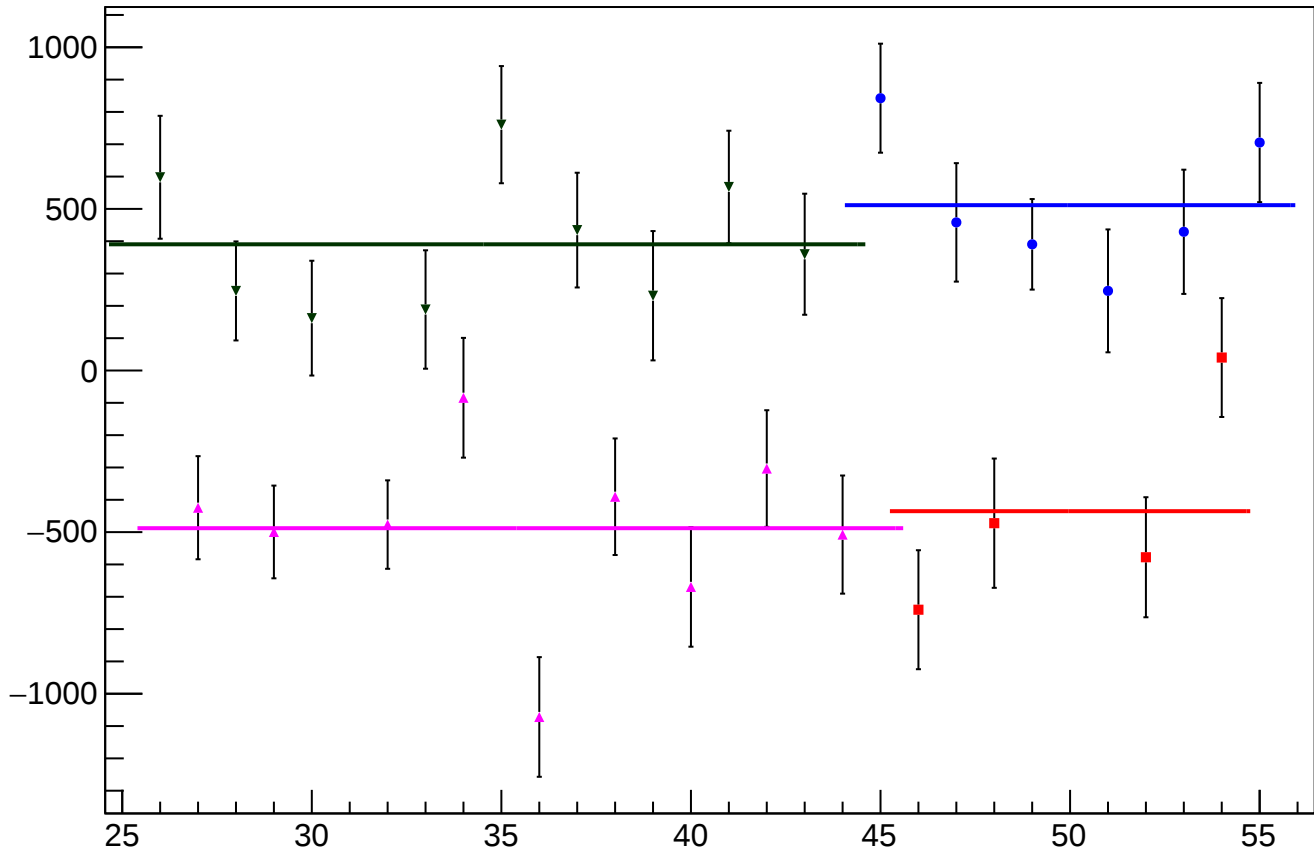
Right Out: 545.872 ± 0.272 χ^2/NDF : 14023.1/3

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

575.785 ± 0.138 χ^2/NDF : 259763.5/15

555.727 ± 0.143 χ^2/NDF : 113959.3/12

reg_asym_usr_mean vs slug



Right In: 511.536+/-70.710 χ^2/NDF : 7.9/5

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

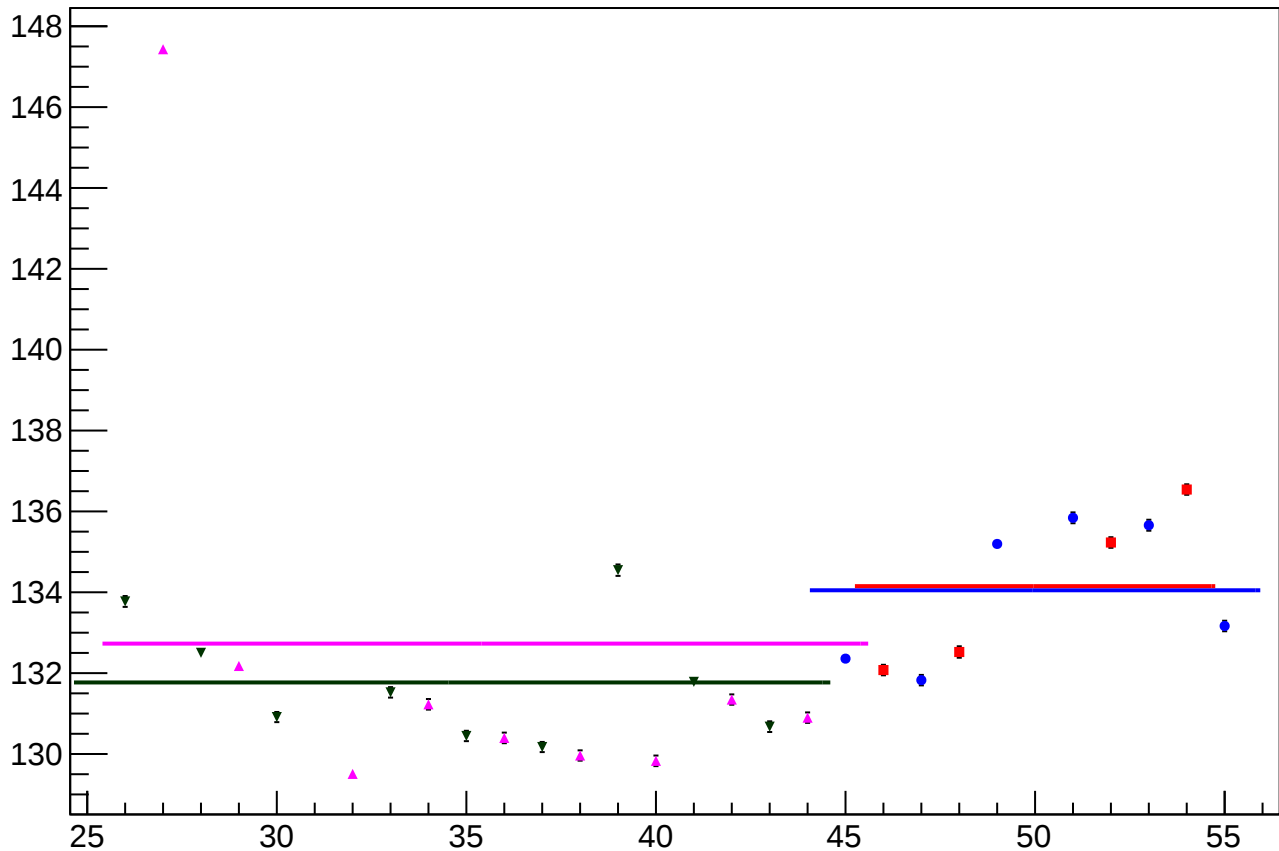
Right Out: -435.188+/-94.031 χ^2/NDF : 10.0/3

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

440.846+/-45.619 χ^2/NDF : 20.5/14

-474.095+/-48.037 χ^2/NDF : 27.5/12

reg_asym_usr_rms vs slug



Right In: 134.049 $\pm$ 0.050 χ^2 /NDF: 993.0/5

Left Out: 131.770 $\pm$ 0.042 χ^2 /NDF:1040.2/8

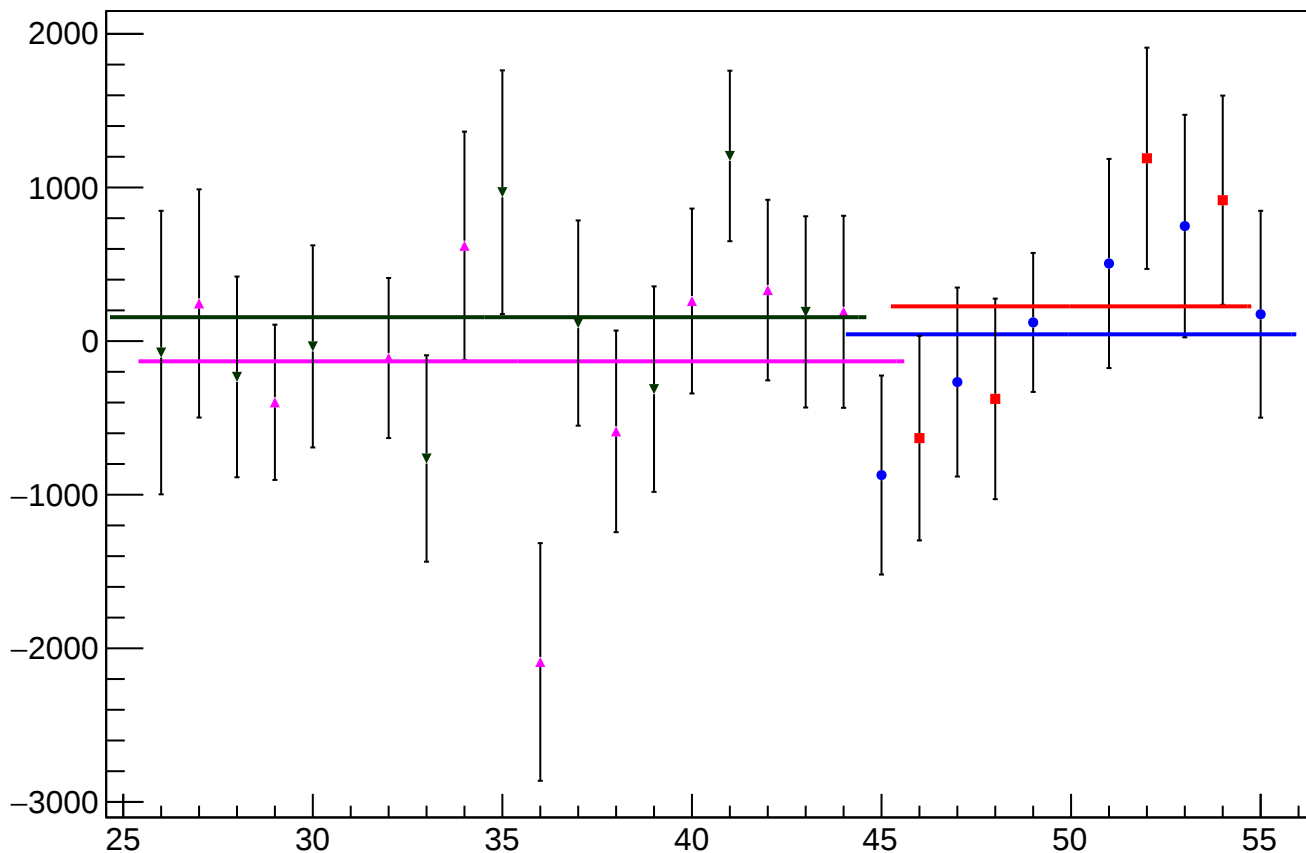
Right Out: 134.152 $\pm$ 0.066 χ^2 /NDF: 792.3/3

Left In: 132.730 $\pm$ 0.040 χ^2 /NDF:19860.2/8

132.719 $\pm$ 0.032 χ^2 /NDF: 3246.9/14

133.101 $\pm$ 0.034 χ^2 /NDF: 20990.3/12

asym_usr_correction_mean vs slug



Right In: 44.070+/-248.599 χ^2/NDF : 3.7/5

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

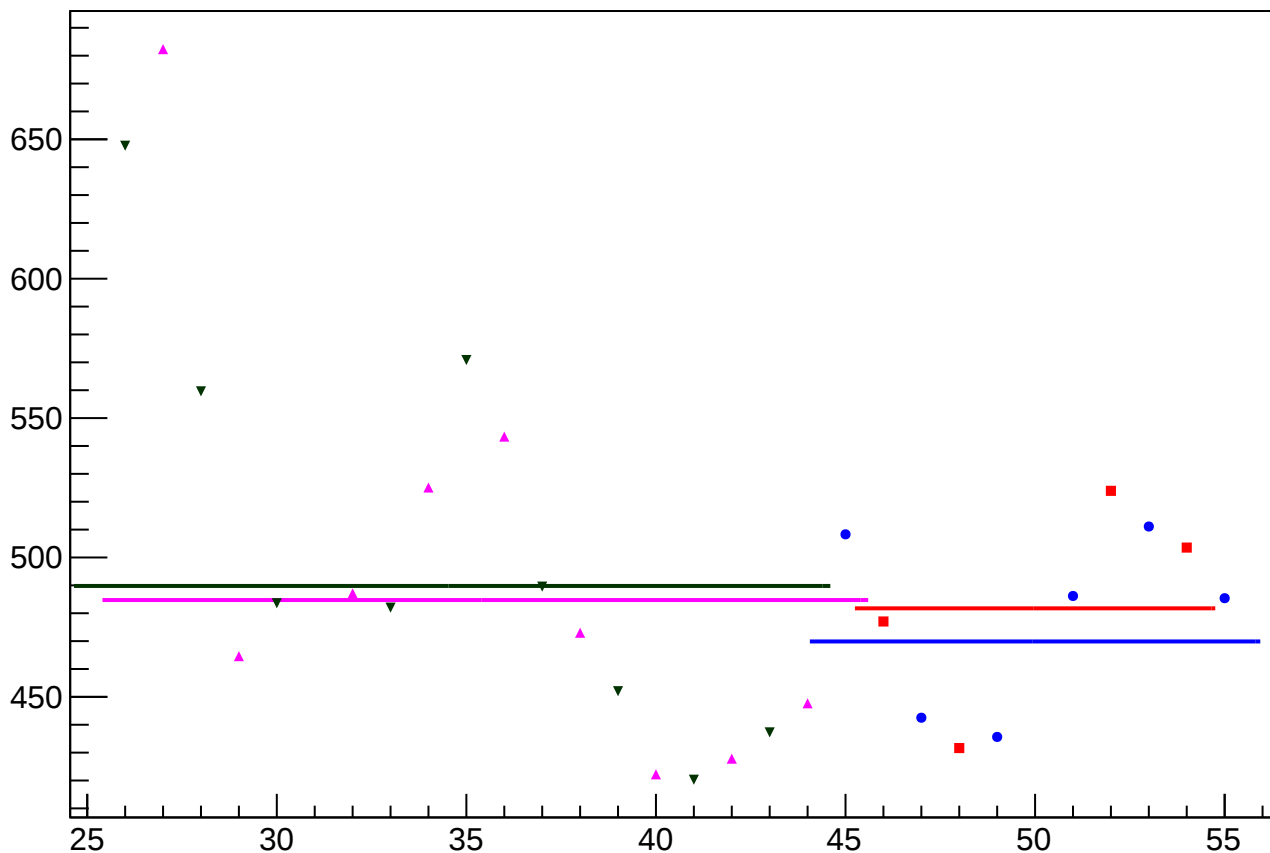
Right Out: 226.183+/-339.292 χ^2/NDF : 5.3/3

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

105.632+/-166.396 χ^2/NDF : 11.3/14

-34.835+/-176.457 χ^2/NDF : 15.9/12

asym_usr_correction_rms vs slug



Right In: 469.879+/-0.176 χ^2/NDF : 31142.8/5

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

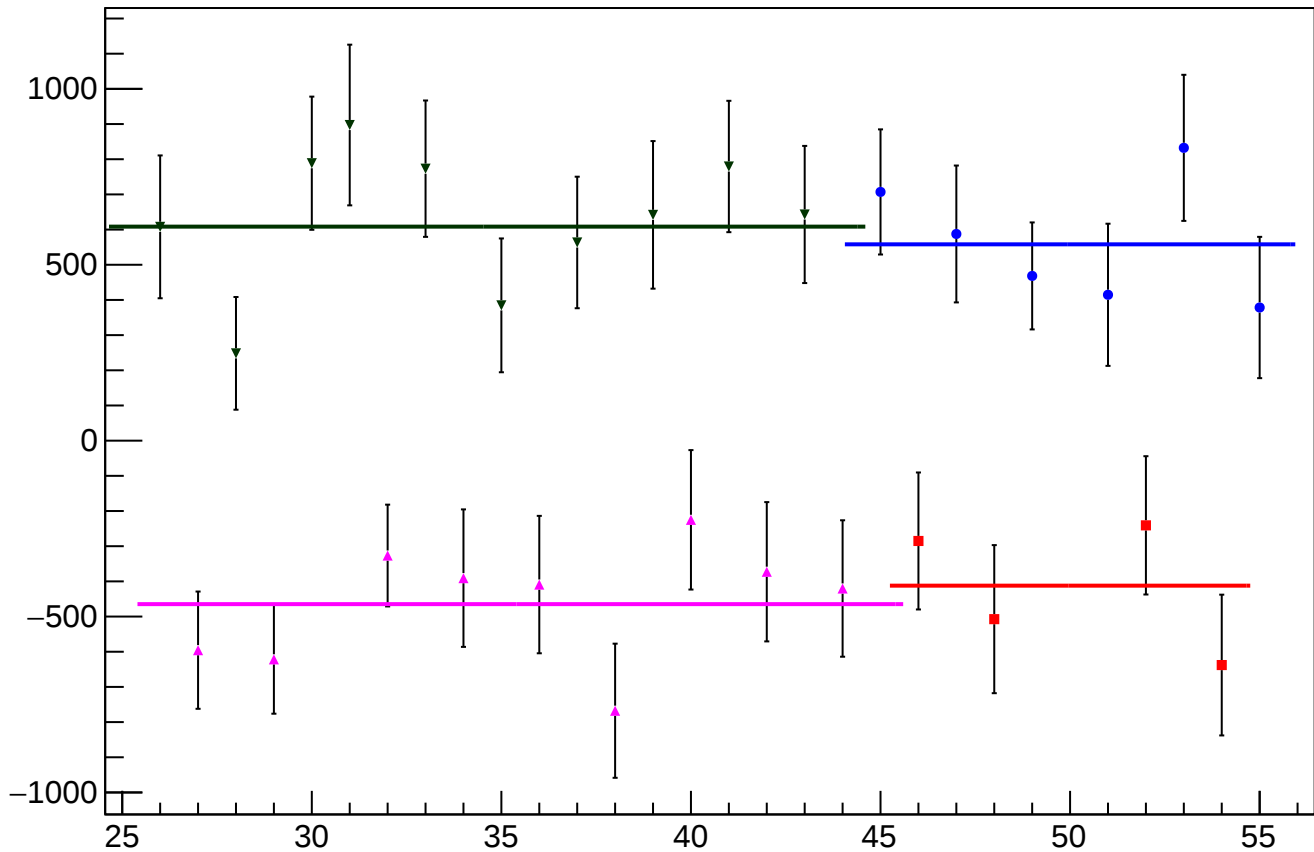
Right Out: 481.759+/-0.240 χ^2/NDF : 20789.5/3

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

480.869+/-0.118 χ^2/NDF : 192914.1/14

483.930+/-0.125 χ^2/NDF : 231057.7/12

reg_asym_dsl_mean vs slug



Right In: 558.084 ± 75.861 $\chi^2/\text{NDF}: 4.1/5$

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

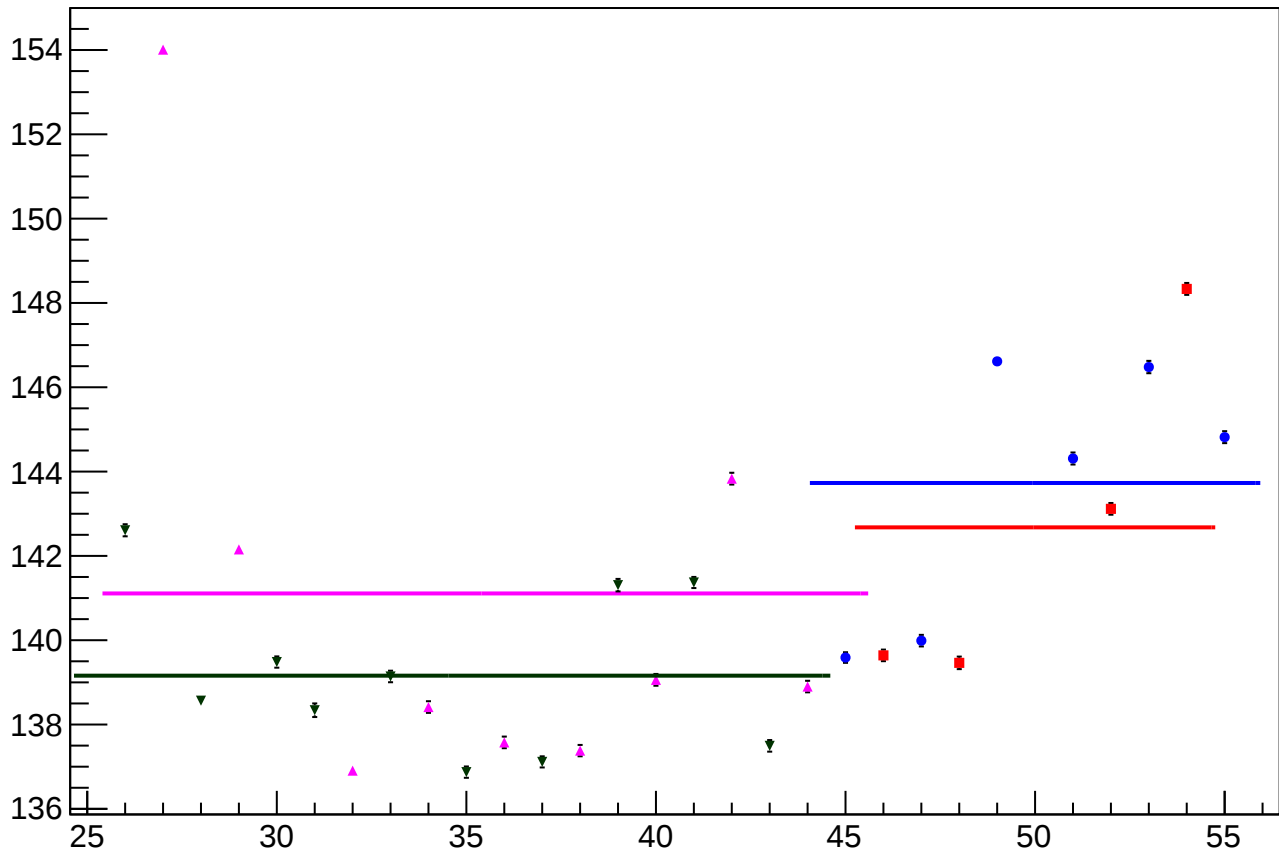
588.743 ± 47.421 $\chi^2/\text{NDF}: 15.0/15$

Right Out: -412.158 ± 100.092 $\chi^2/\text{NDF}: 2.7/3$

-450.990 ± 51.100 $\chi^2/\text{NDF}: 9.9/12$

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

reg_asym_dsl_rms vs slug



Right In: 143.730+/-0.054 χ^2/NDF : 2968.8/5

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

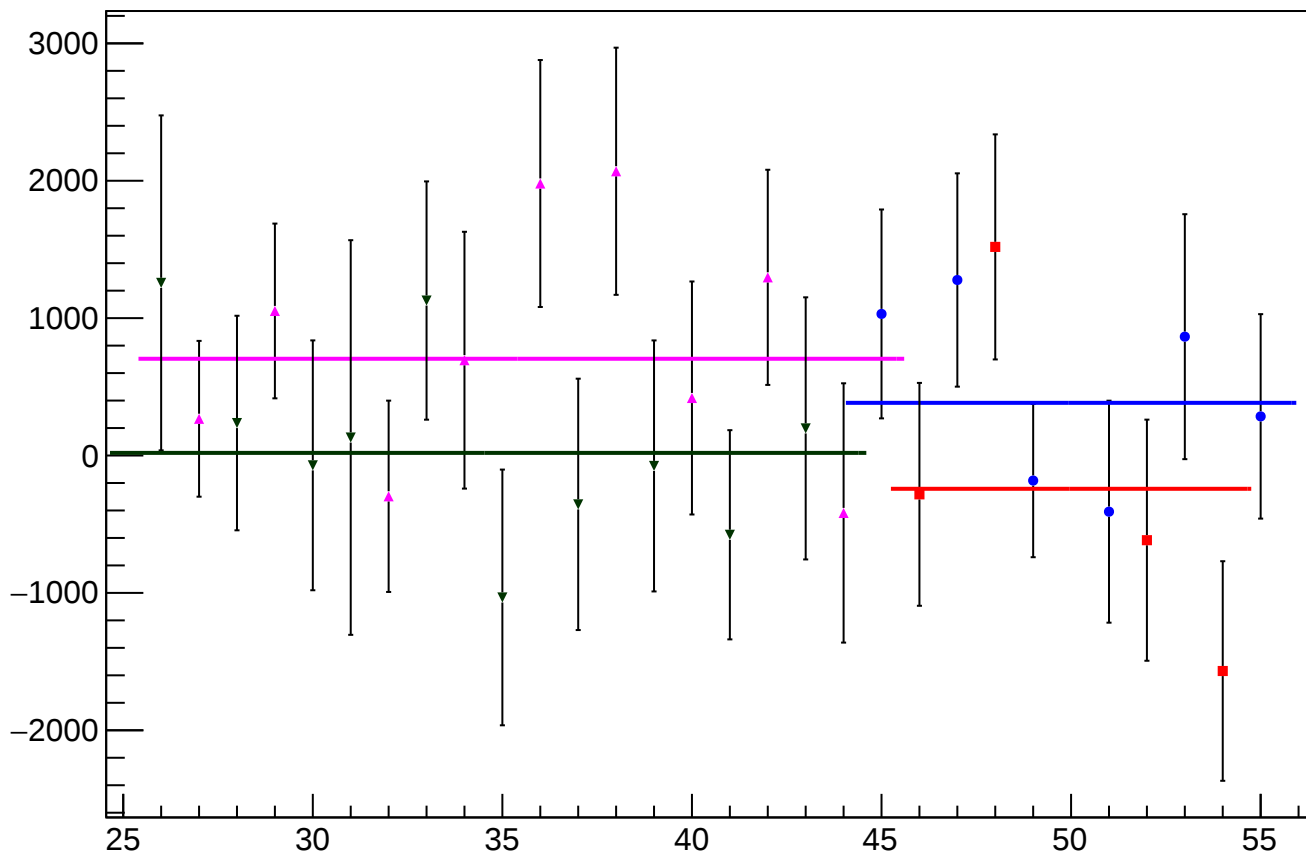
140.945+/-0.034 χ^2/NDF : 9192.6/15

Right Out: 142.677+/-0.071 χ^2/NDF : 2561.2/3

141.518+/-0.036 χ^2/NDF : 19334.1/12

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

asym_dsl_correction_mean vs slug



Right In: 383.480 ± 298.846 χ^2/NDF : 4.3/5

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

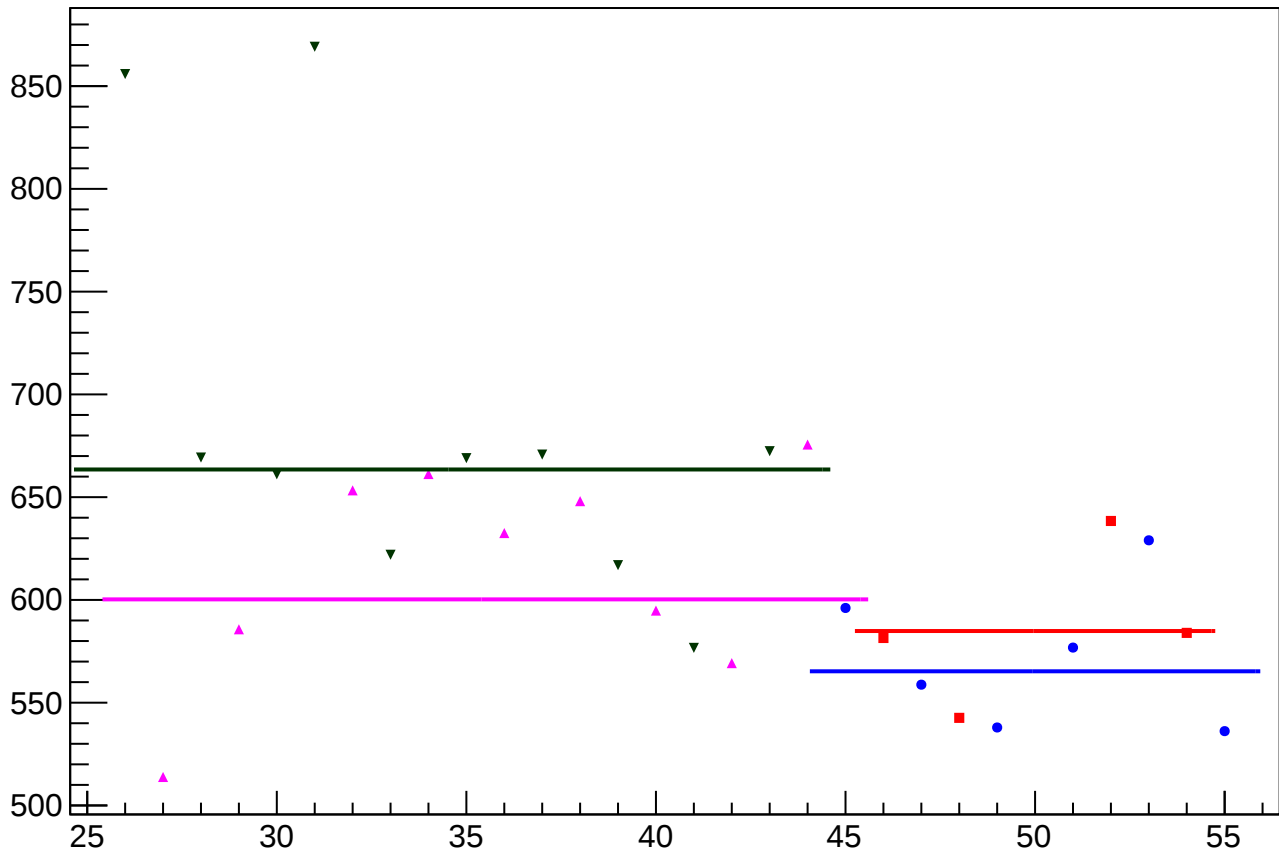
Right Out: -242.209 ± 412.595 χ^2/NDF : 7.6/3

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

197.260 ± 208.947 χ^2/NDF : 10.0/15

443.007 ± 216.773 χ^2/NDF : 20.7/12

asym_dsl_correction_rms vs slug



Right In: 565.273+/-0.211 χ^2/NDF : 21918.9/5

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

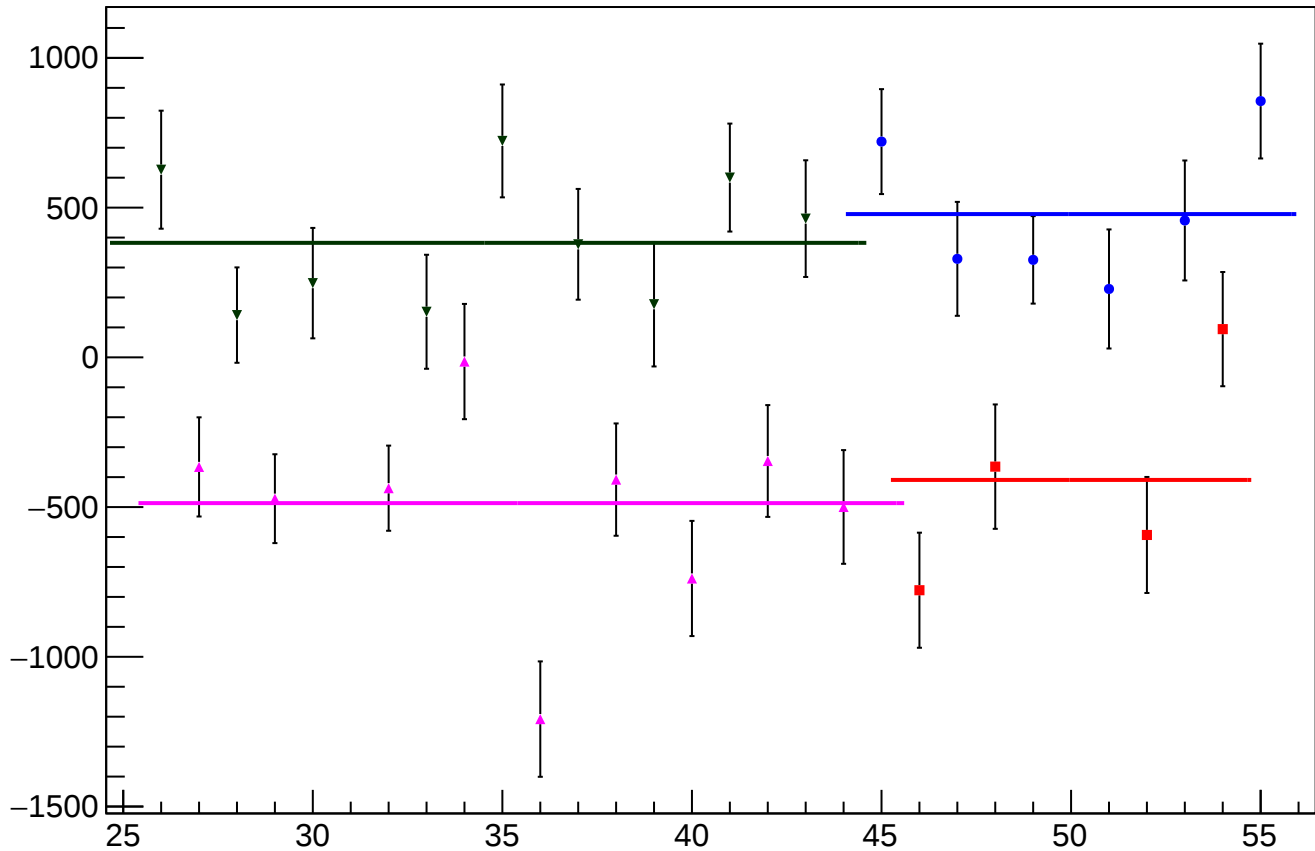
615.466+/-0.148 χ^2/NDF : 259375.3/15

Right Out: 584.871+/-0.292 χ^2/NDF : 12804.0/3

596.016+/-0.153 χ^2/NDF : 106623.4/12

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

reg_asym_dsr_mean vs slug



Right In: 478.447 $\pm$ 73.623 χ^2/NDF : 9.1/5

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

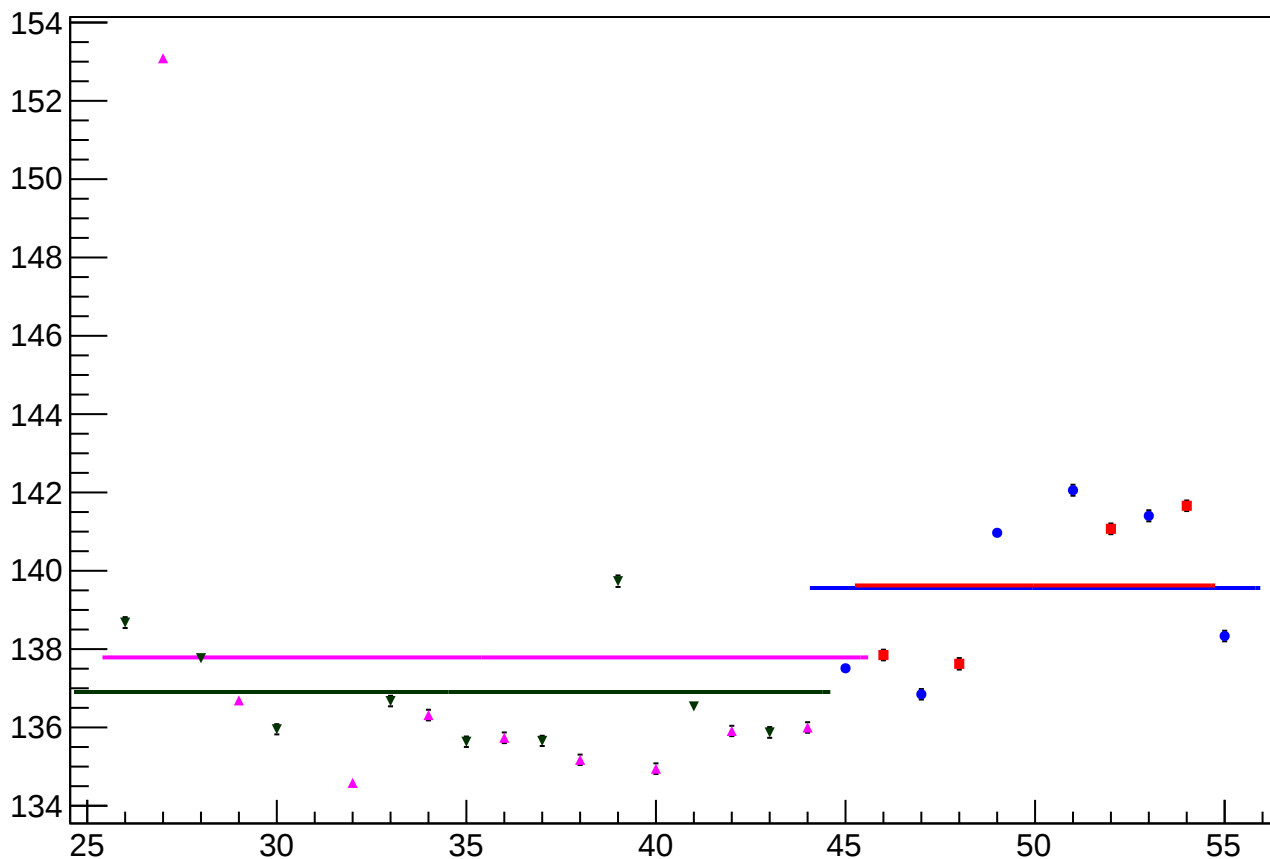
422.284 $\pm$ 47.442 χ^2/NDF : 21.8/14

Right Out: -409.344 $\pm$ 97.875 χ^2/NDF : 11.6/3

-466.652 $\pm$ 49.902 χ^2/NDF : 35.2/12

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

reg_asym_dsr_rms vs slug



Right In: 139.561 ± 0.052 χ^2/NDF : 1433.4/5

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

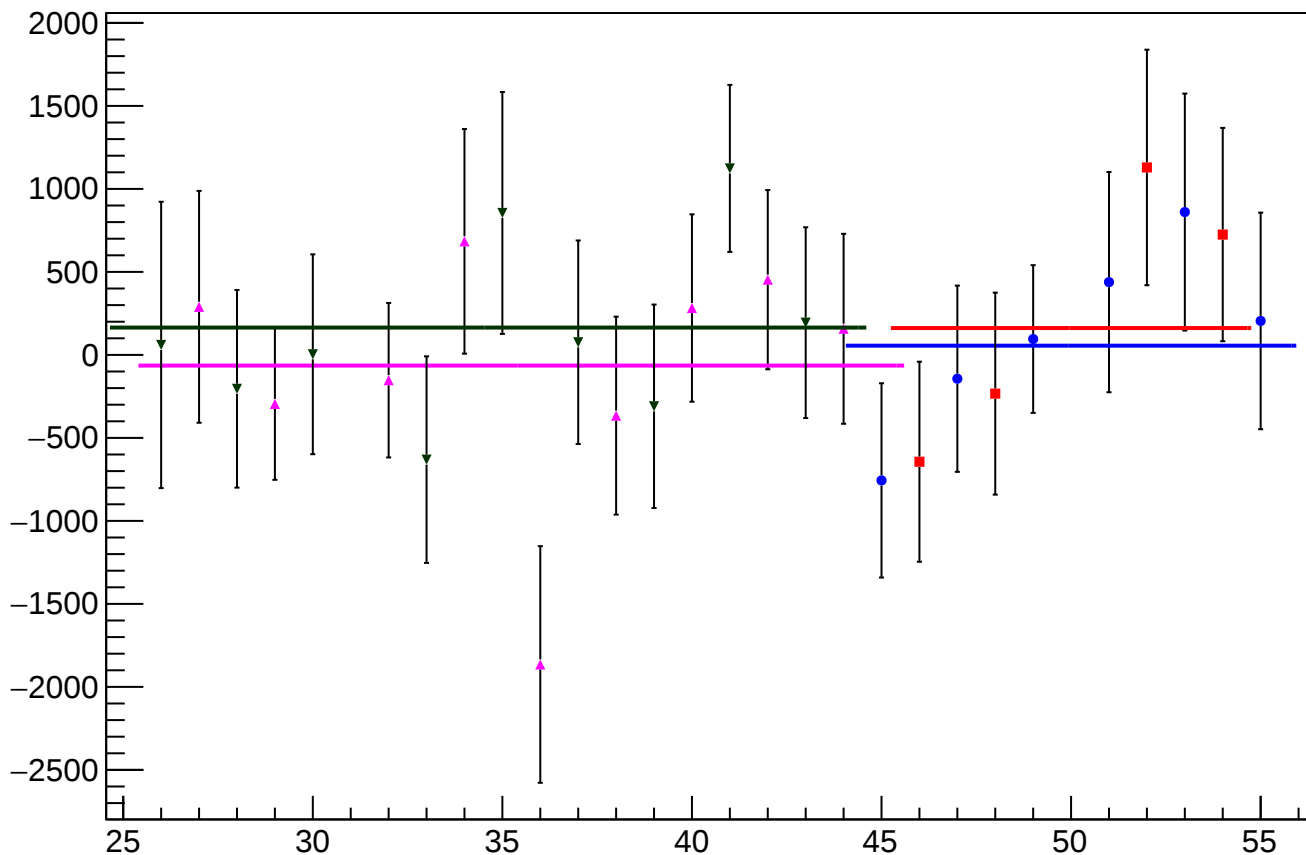
Right Out: 139.625 ± 0.069 χ^2/NDF : 695.4/3

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

138.008 ± 0.034 χ^2/NDF : 3849.1/14

138.266 ± 0.035 χ^2/NDF : 20964.1/12

asym_dsr_correction_mean vs slug



Right In: 55.600+/-237.485 χ^2/NDF : 3.7/5

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

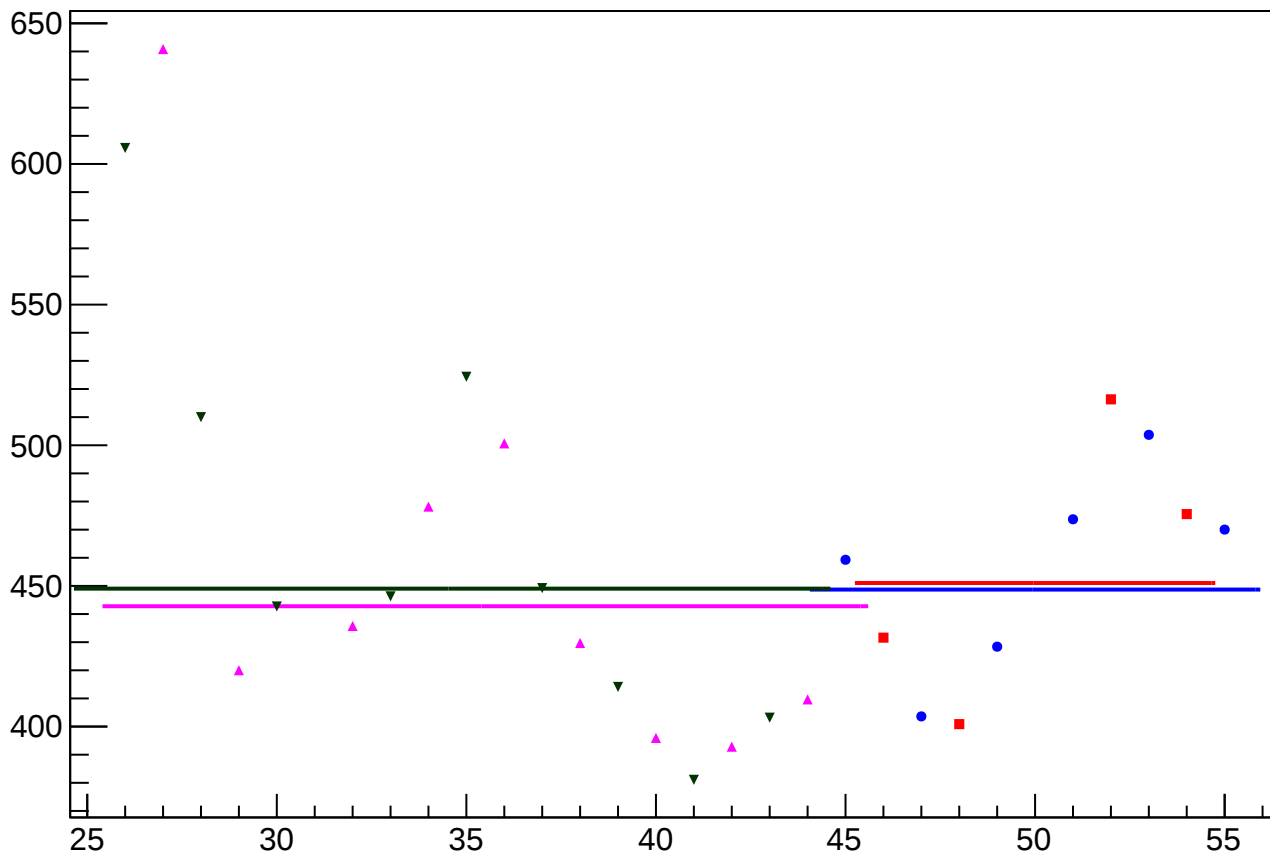
Right Out: 161.828+/-318.423 χ^2/NDF : 4.8/3

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

117.963+/-155.376 χ^2/NDF : 11.1/14

-5.510+/-162.425 χ^2/NDF : 15.1/12

asym_dsr_correction_rms vs slug



Right In: 448.700 ± 0.168 χ^2/NDF : 34591.9/5

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

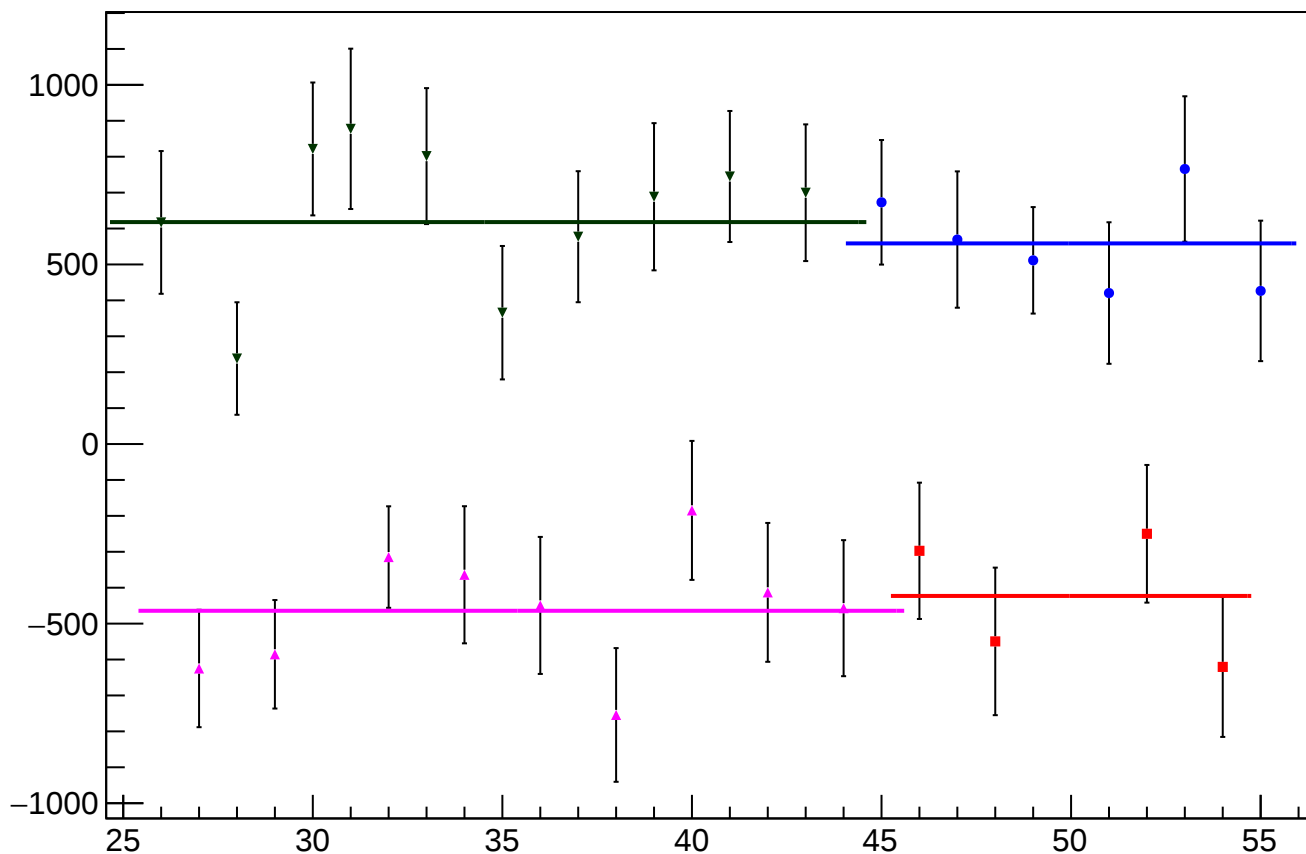
Right Out: 451.035 ± 0.225 χ^2/NDF : 35515.0/3

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

448.889 ± 0.110 χ^2/NDF : 198895.0/14

444.924 ± 0.115 χ^2/NDF : 260013.7/12

reg_asym_left_avg_mean vs slug



Right In: 558.585 $\pm$ 73.959 χ^2 /NDF: 2.5/5

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

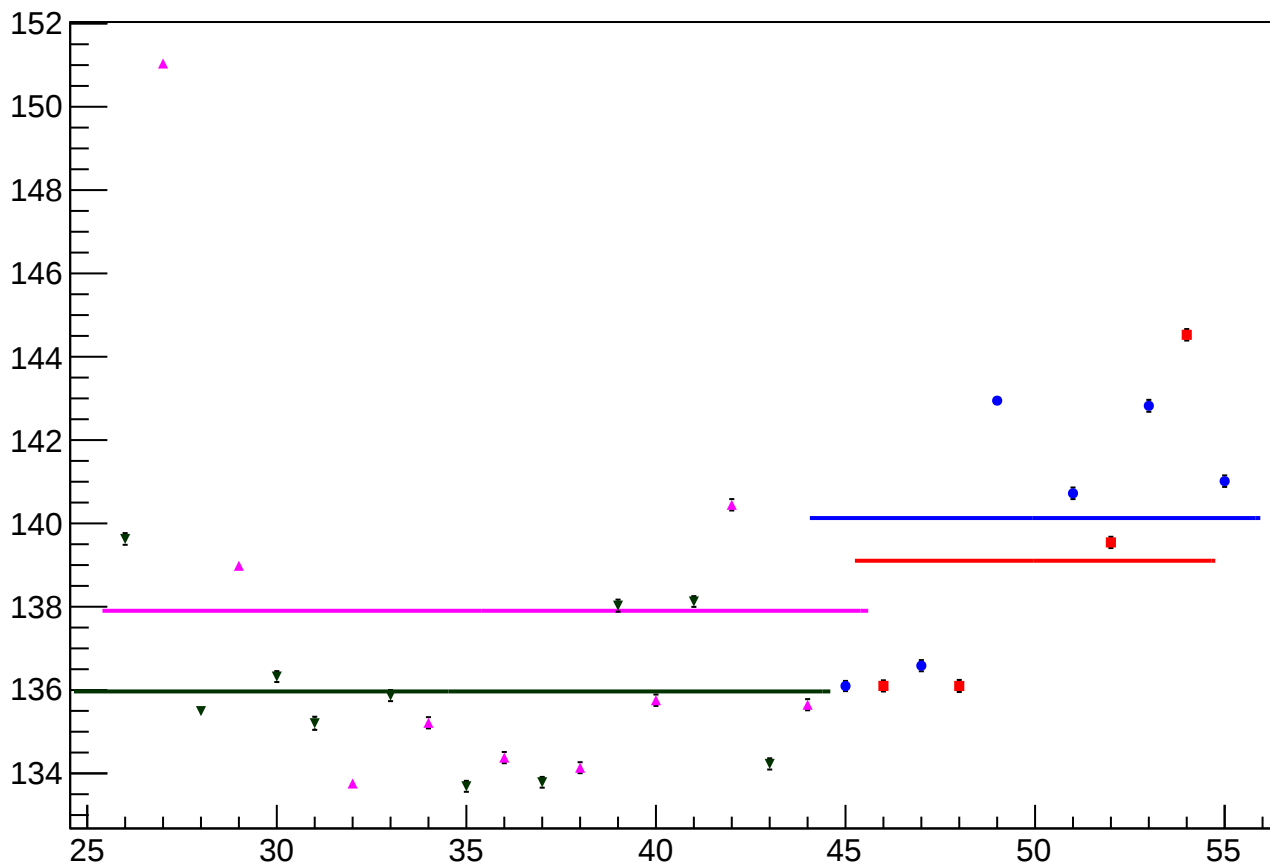
Right Out: -422.932 $\pm$ 97.583 χ^2 /NDF: 2.7/3

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

594.699 $\pm$ 46.294 χ^2 /NDF: 15.0/15

-453.455 $\pm$ 49.909 χ^2 /NDF: 10.4/12

reg_asym_left_avg_rms vs slug



Right In: 140.128 ± 0.052 χ^2/NDF : 2913.9/5

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

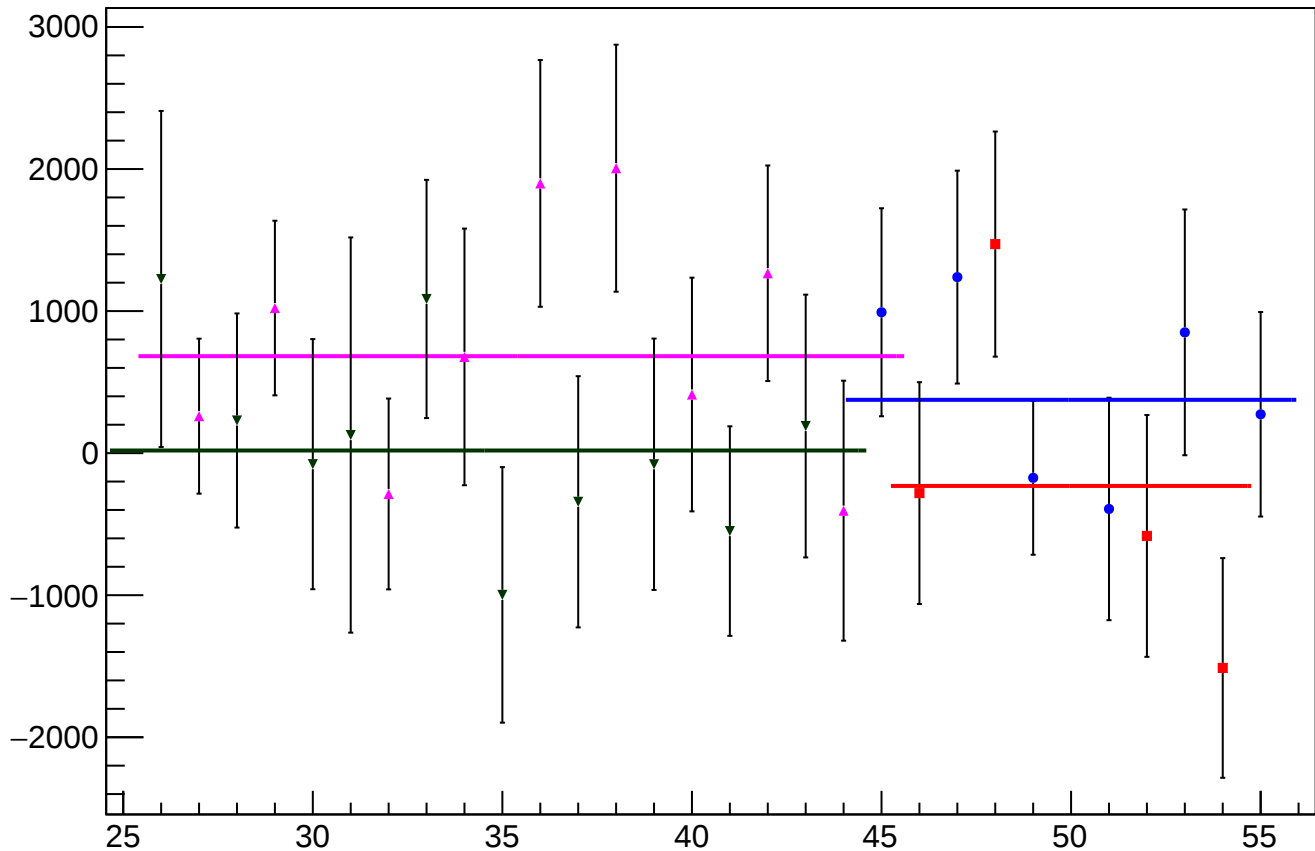
Right Out: 139.104 ± 0.069 χ^2/NDF : 2488.0/3

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

137.597 ± 0.033 χ^2/NDF : 8728.1/15

138.217 ± 0.035 χ^2/NDF : 20224.0/12

asym_left_avg_correction_mean vs slug



Right In: 375.375 ± 289.233 χ^2/NDF : 4.4/5

Left Out: 18.573 ± 282.811 χ^2/NDF : 4.8/9

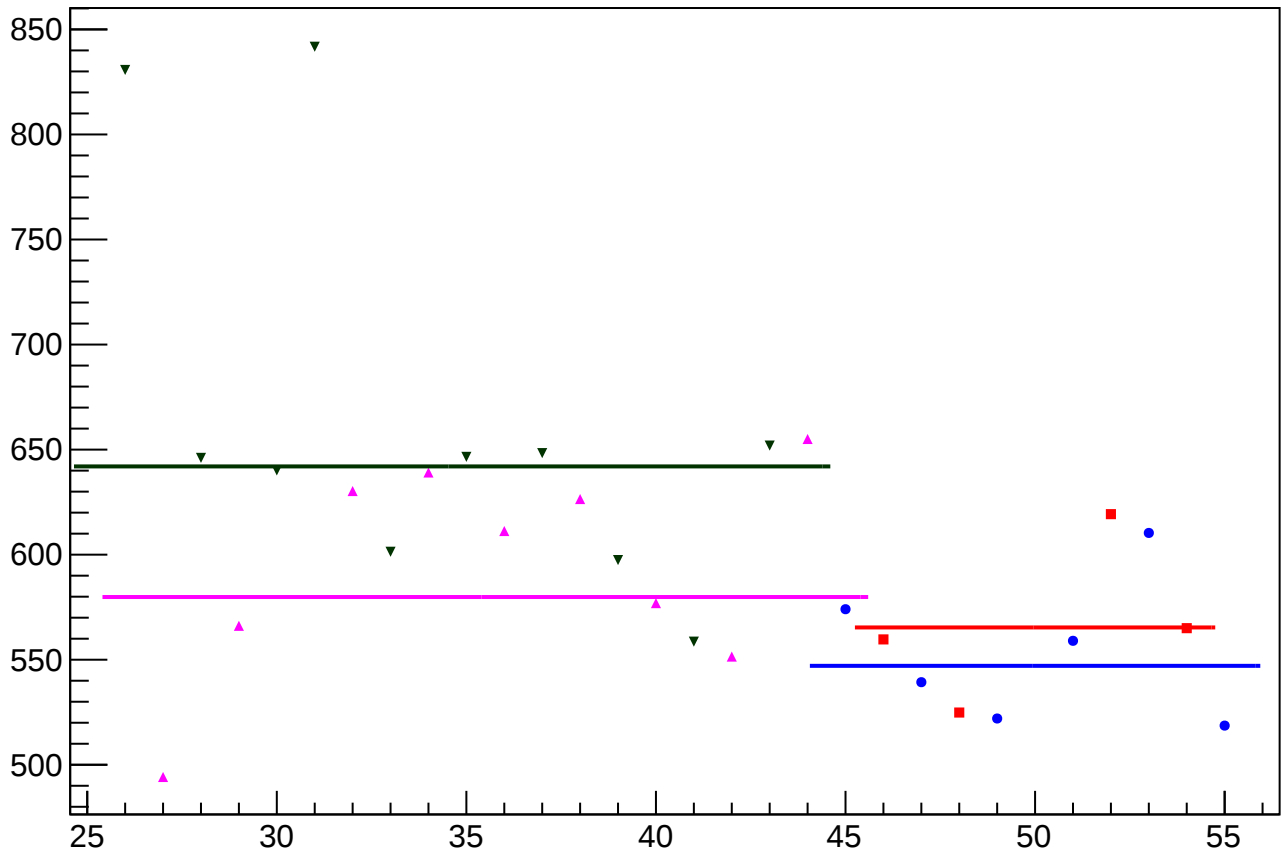
Right Out: -230.886 ± 398.869 χ^2/NDF : 7.5/3

Left In: 682.611 ± 246.153 χ^2/NDF : 9.4/8

192.969 ± 202.210 χ^2/NDF : 10.0/15

430.663 ± 209.475 χ^2/NDF : 20.7/12

asym_left_avg_correction_rms vs slug



Right In: 547.087 $\pm$ 0.205 χ^2 /NDF: 21492.2/5

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

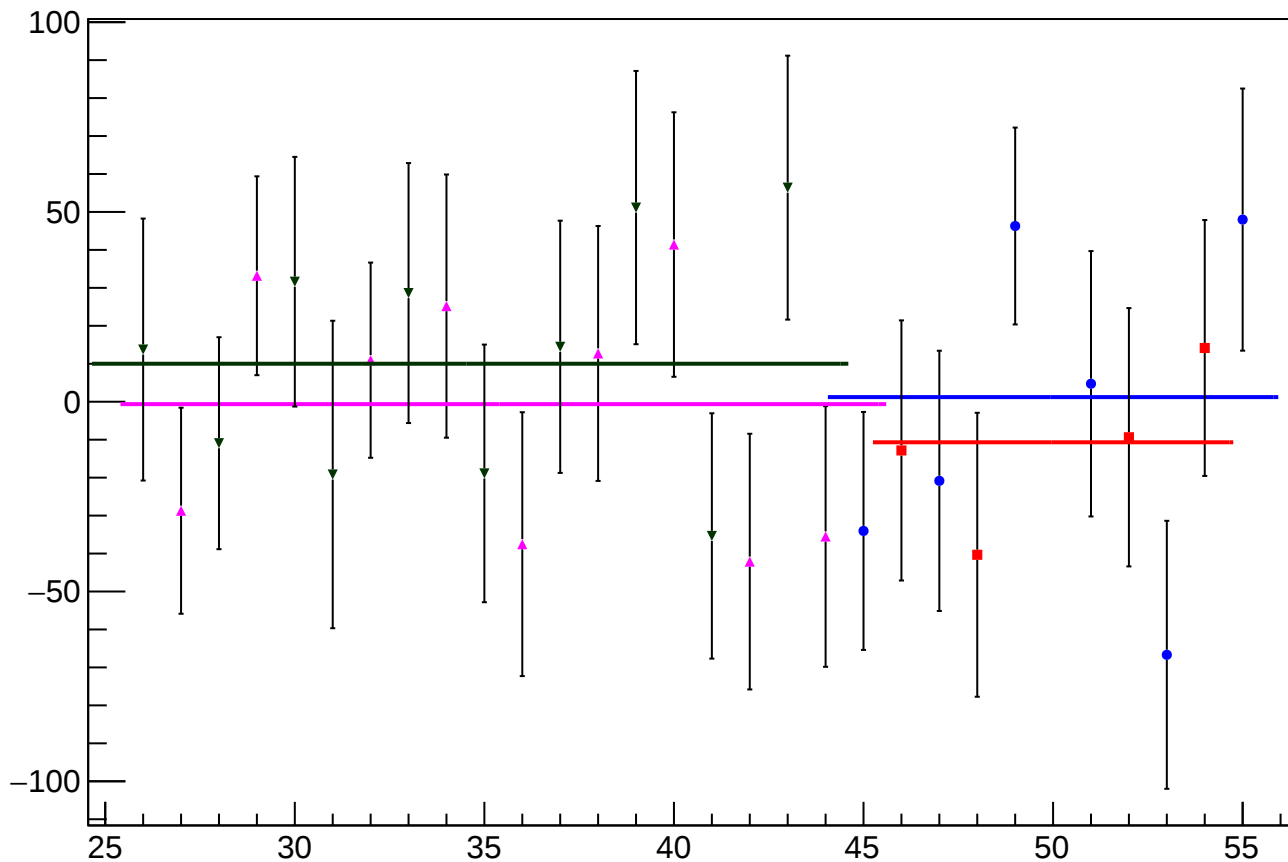
595.610 $\pm$ 0.143 χ^2 /NDF: 259500.4/15

Right Out: 565.358 $\pm$ 0.282 χ^2 /NDF: 13357.8/3

575.847 $\pm$ 0.148 χ^2 /NDF: 110143.8/12

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

reg_asym_left_dd_mean vs slug



Right In: 1.216 ± 13.114 $\chi^2/\text{NDF}: 10.2/5$

Left Out: 10.009 ± 10.637 $\chi^2/\text{NDF}: 7.6/9$

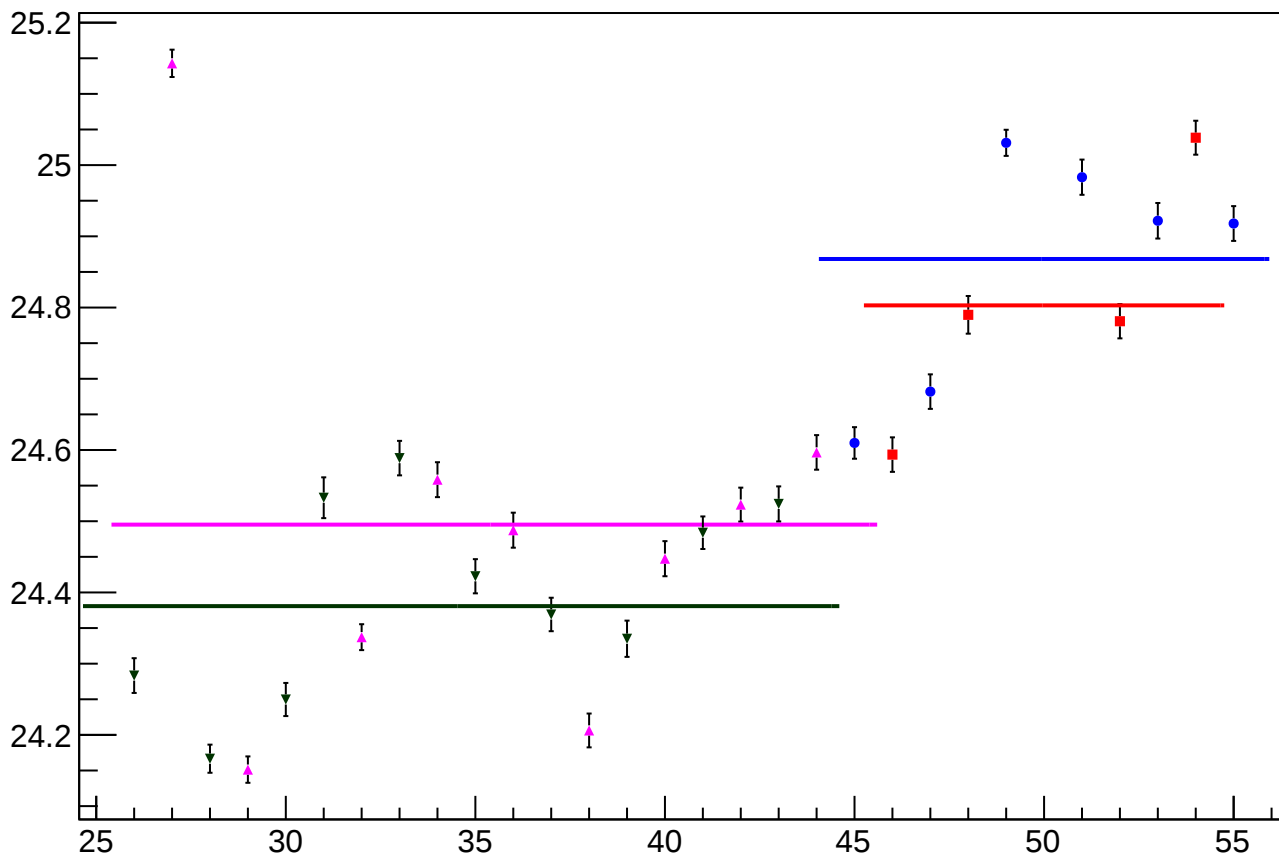
Right Out: -10.688 ± 17.382 $\chi^2/\text{NDF}: 1.2/3$

Left In: -0.637 ± 10.300 $\chi^2/\text{NDF}: 8.8/8$

6.520 ± 8.261 $\chi^2/\text{NDF}: 18.1/15$

-3.249 ± 8.861 $\chi^2/\text{NDF}: 10.2/12$

reg_asym_left_dd_rms vs slug



Right In: 24.868 $\pm$ 0.009 χ^2 /NDF: 304.2/5

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

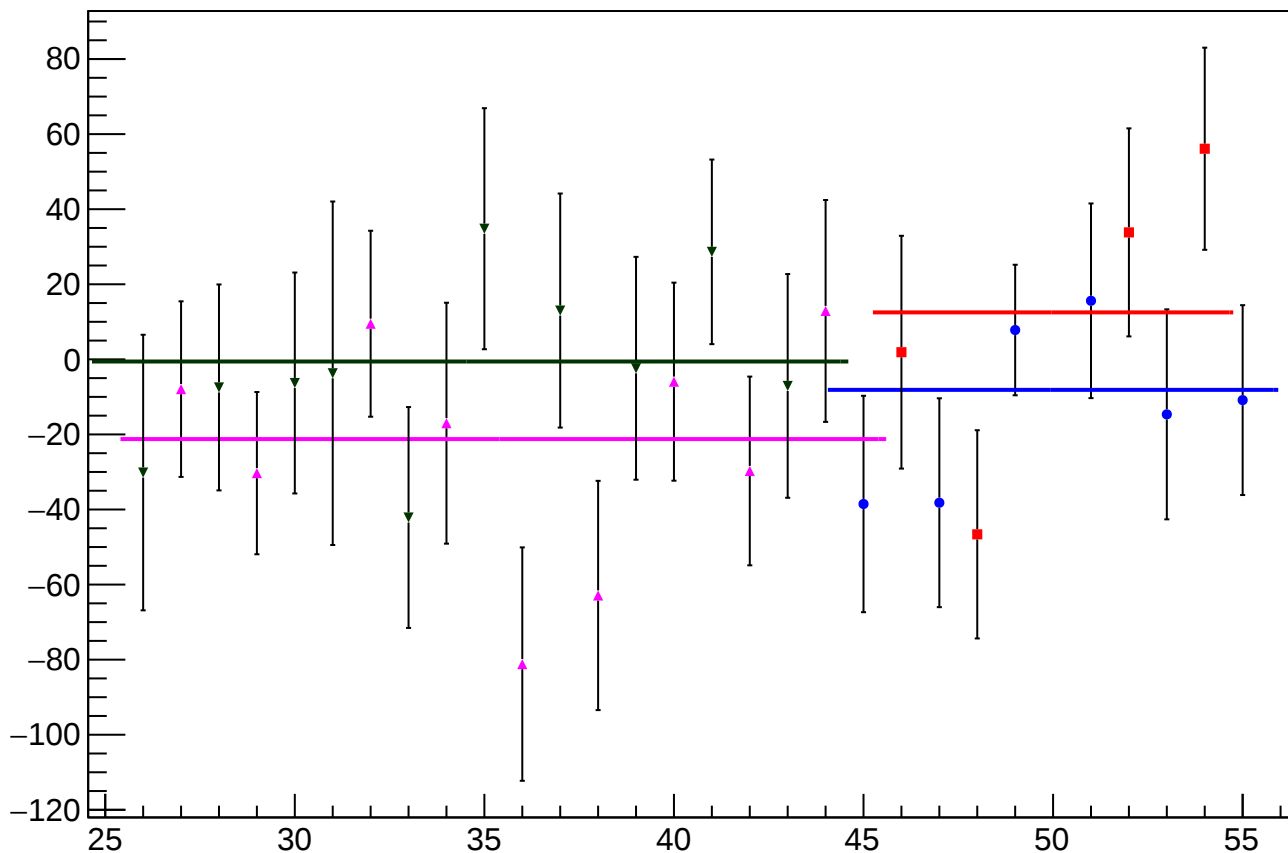
Right Out: 24.803 $\pm$ 0.012 χ^2 /NDF: 173.4/3

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

24.574 $\pm$ 0.006 χ^2 /NDF: 2298.9/15

24.575 $\pm$ 0.006 χ^2 /NDF: 2374.2/12

asym_left_dd_correction_mean vs slug



Right In: -8.128+/-9.934 χ^2/NDF : 4.0/5

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

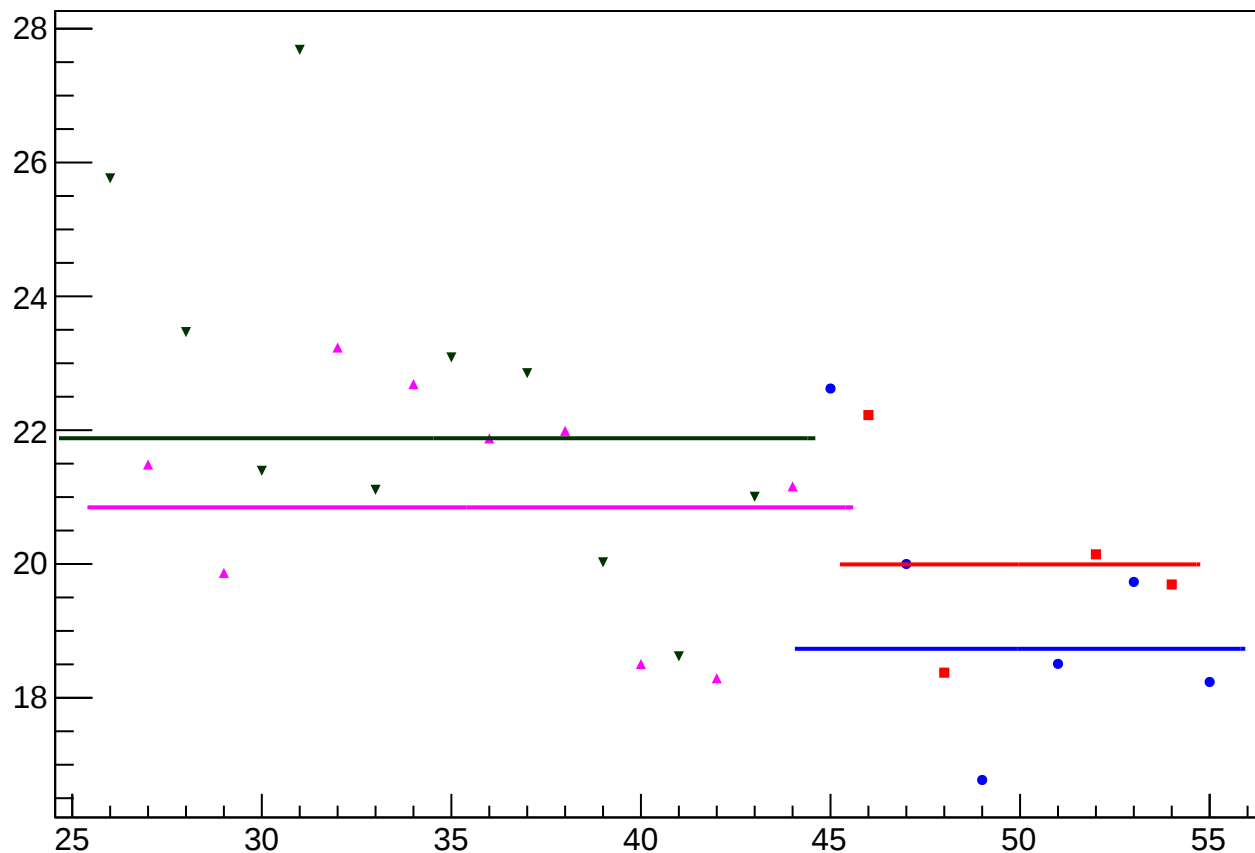
Right Out: 12.513+/-14.111 χ^2/NDF : 7.9/3

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

-4.236+/-6.916 χ^2/NDF : 9.9/15

-11.749+/-7.482 χ^2/NDF : 21.4/12

asym_left_dd_correction_rms vs slug



Right In: 18.733+/-0.007 χ^2/NDF : 69457.6/5

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

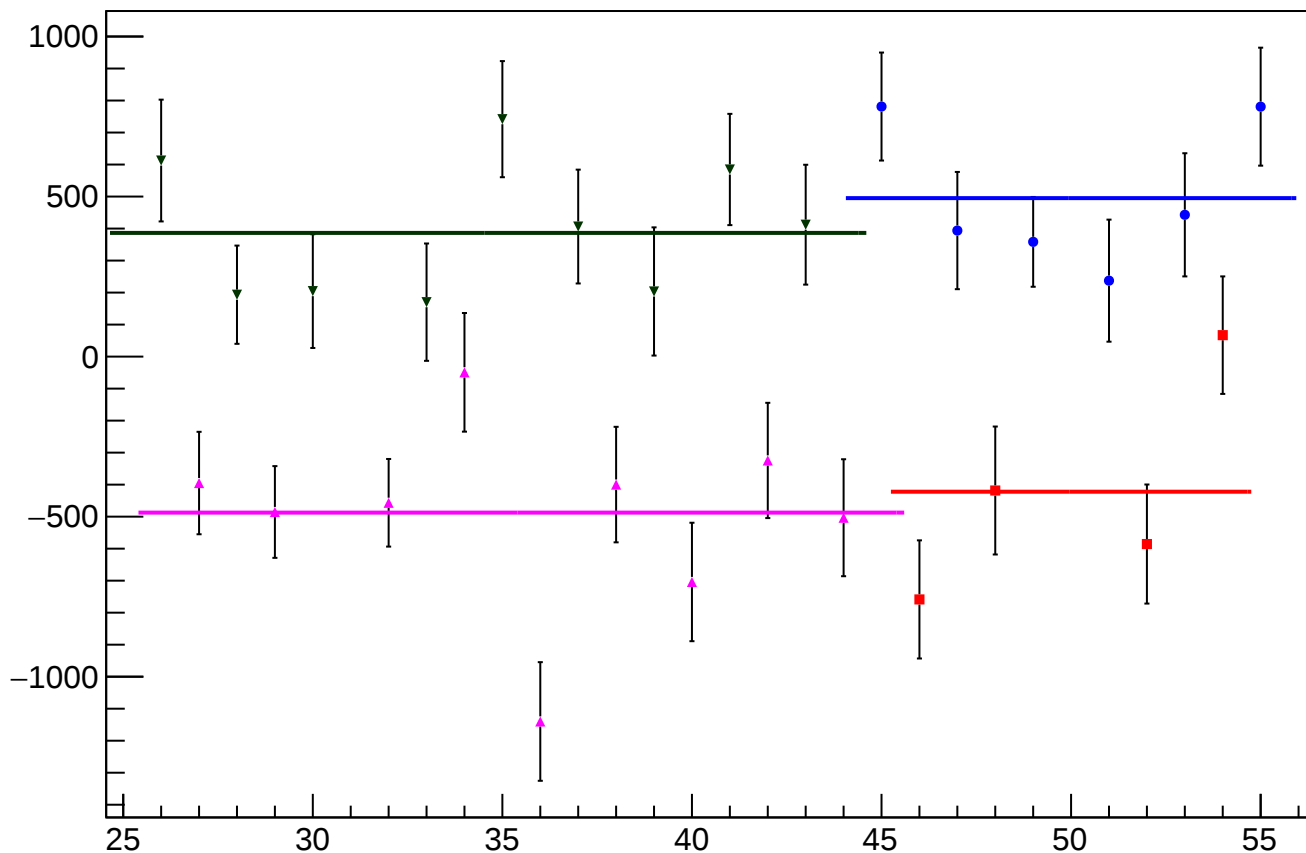
Right Out: 19.994+/-0.010 χ^2/NDF : 17471.6/3

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

20.354+/-0.005 χ^2/NDF : 285508.0/15

20.607+/-0.005 χ^2/NDF : 95127.5/12

reg_asym_right_avg_mean vs slug



Right In: 495.100 ± 70.757 χ^2/NDF : 8.4/5

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

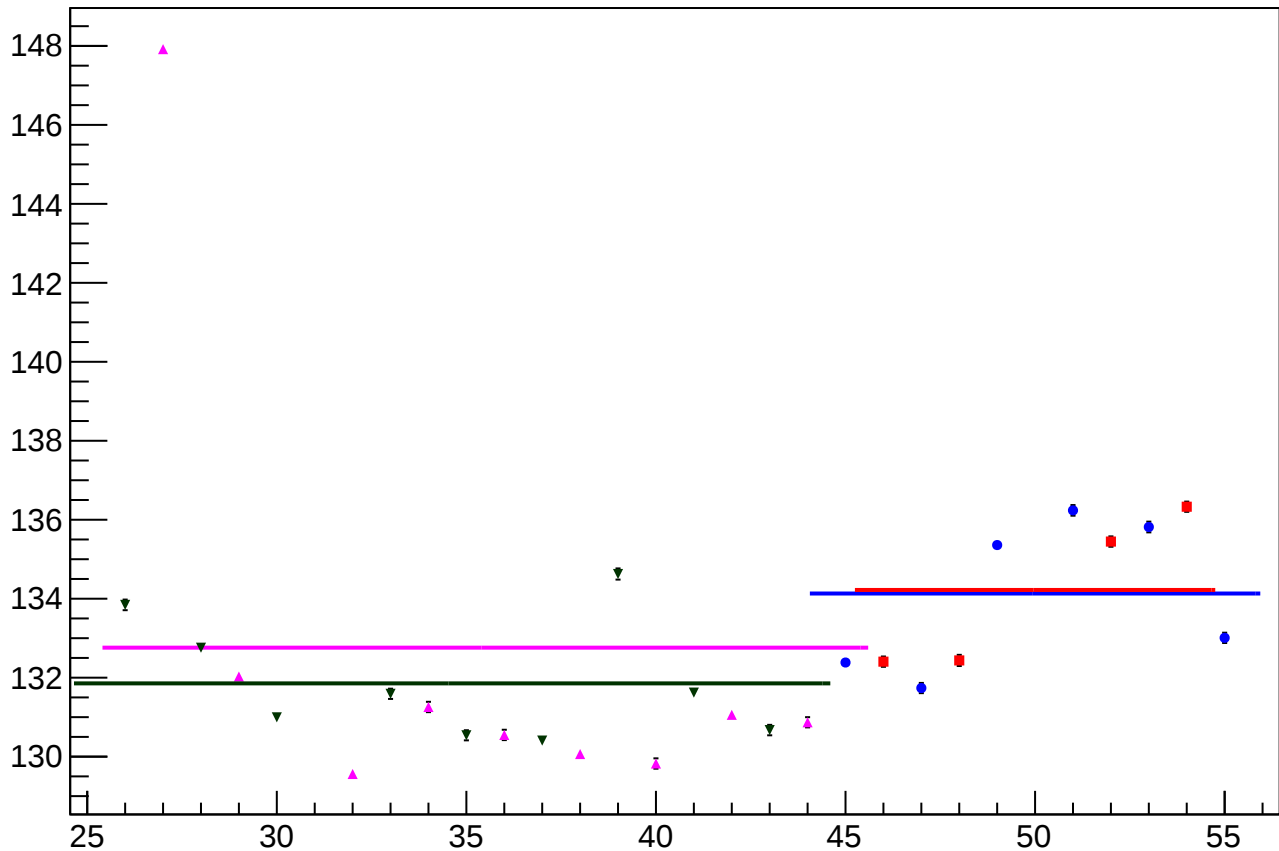
Right Out: -422.078 ± 94.083 χ^2/NDF : 11.2/3

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

431.687 ± 45.650 χ^2/NDF : 21.3/14

-470.323 ± 48.054 χ^2/NDF : 32.4/12

reg_asym_right_avg_rms vs slug



Right In: 134.132 ± 0.050 χ^2/NDF : 1181.0/5

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

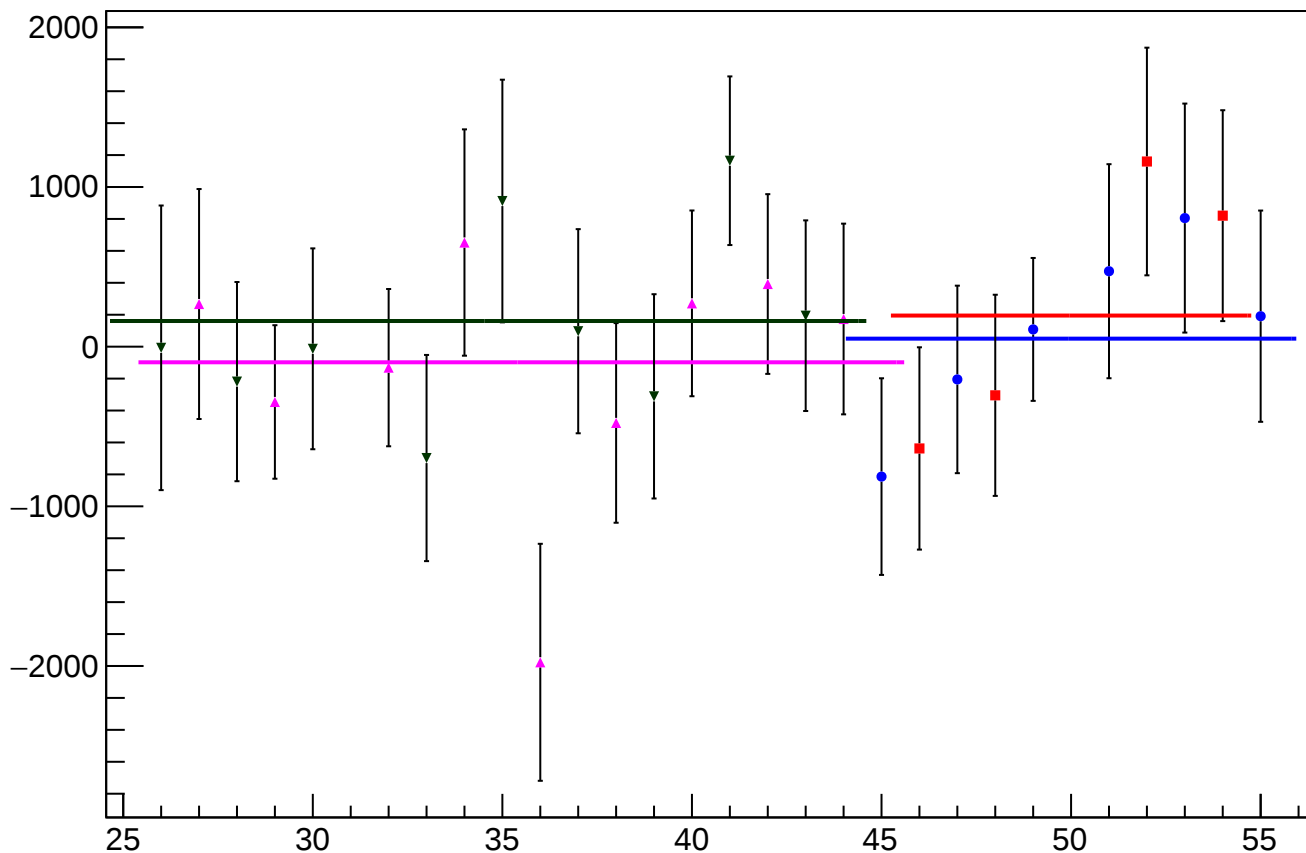
Right Out: 134.222 ± 0.067 χ^2/NDF : 703.7/3

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

132.803 ± 0.032 χ^2/NDF : 3431.6/14

133.142 ± 0.034 χ^2/NDF : 21908.1/12

asym_right_avg_correction_mean vs slug



Right In: 50.204 $\pm$ 242.644 χ^2 /NDF: 3.7/5

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

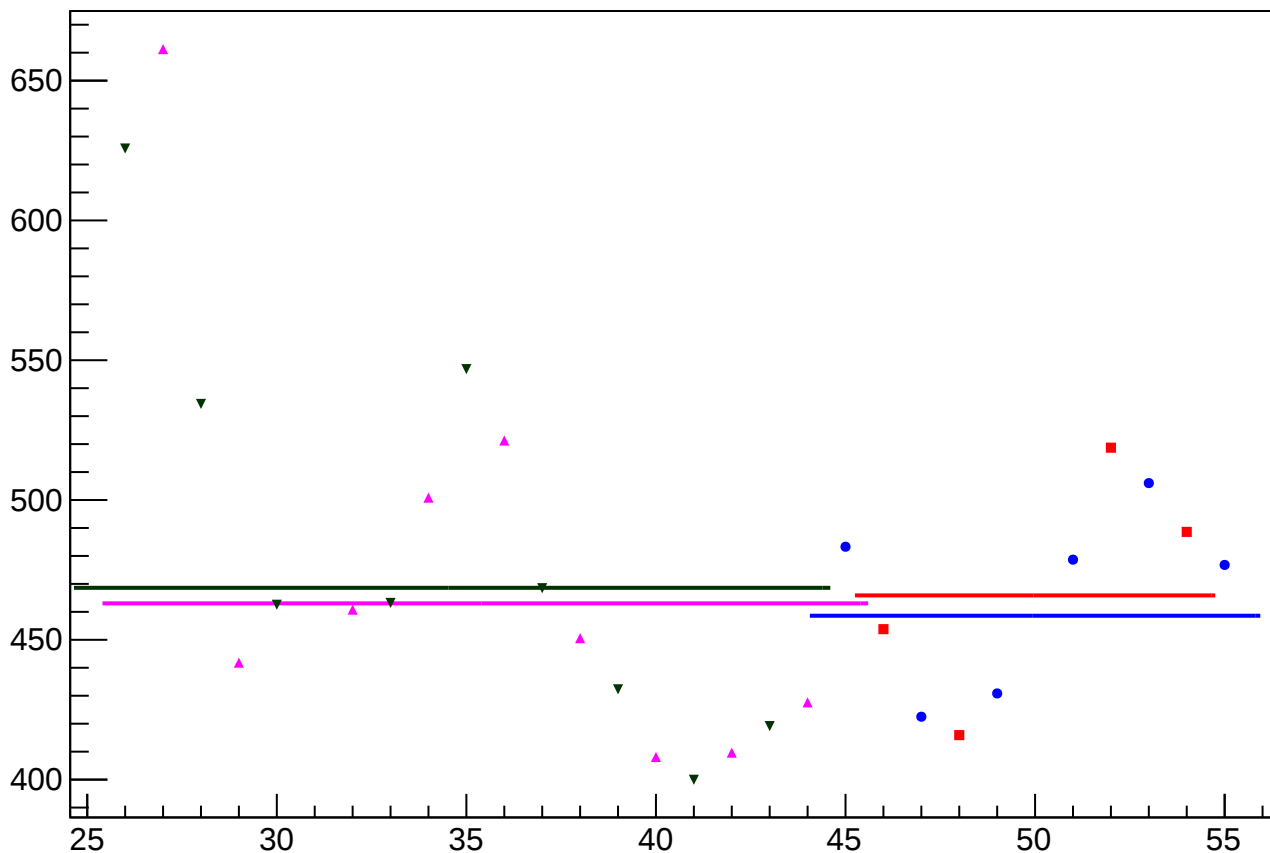
Right Out: 194.852 $\pm$ 328.425 χ^2 /NDF: 5.1/3

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

112.270 $\pm$ 160.640 χ^2 /NDF: 11.2/14

-20.190 $\pm$ 169.204 χ^2 /NDF: 15.5/12

asym_right_avg_correction_rms vs slug



Right In: 458.613 ± 0.172 χ^2/NDF : 30543.4/5

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

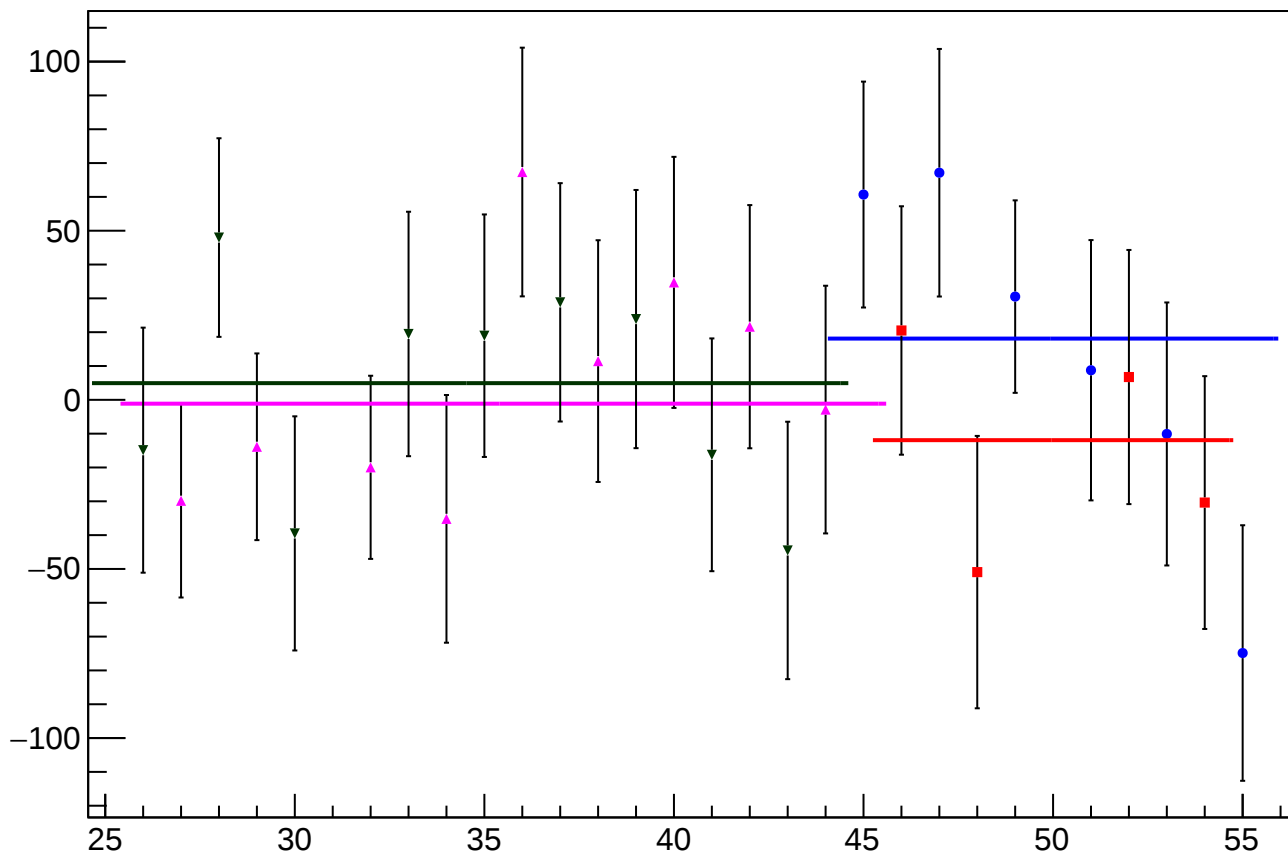
Right Out: 465.887 ± 0.232 χ^2/NDF : 26665.1/3

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

464.222 ± 0.114 χ^2/NDF : 192317.6/14

463.799 ± 0.120 χ^2/NDF : 243919.6/12

reg_asym_right_dd_mean vs slug



Right In: 18.110 $\pm$ 14.262 χ^2 /NDF: 10.3/5

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

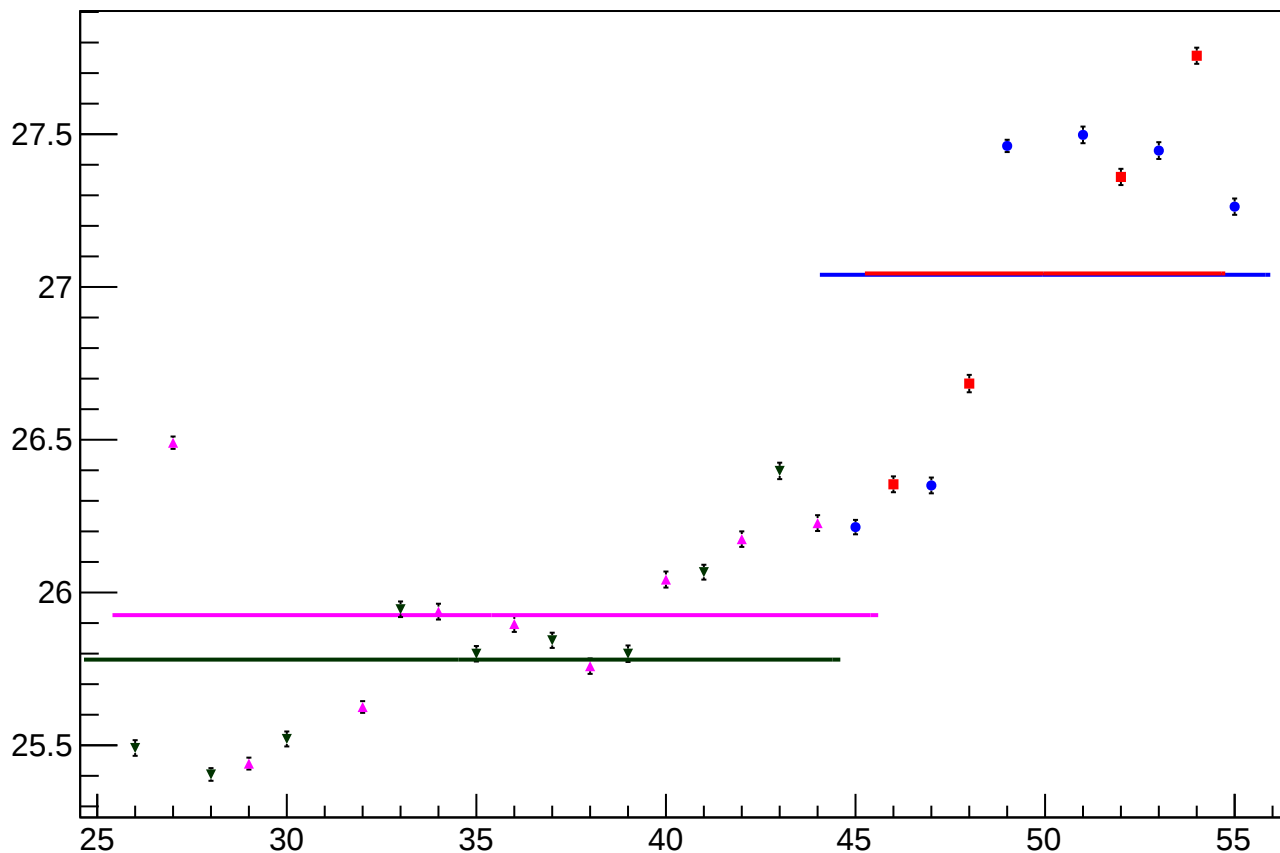
Right Out: -11.924 $\pm$ 18.957 χ^2 /NDF: 2.2/3

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

10.225 $\pm$ 9.037 χ^2 /NDF: 17.9/14

-3.818 $\pm$ 9.451 χ^2 /NDF: 10.0/12

reg_asym_right_dd_rms vs slug



Right In: 27.040 ± 0.010 χ^2/NDF : 2943.9/5

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

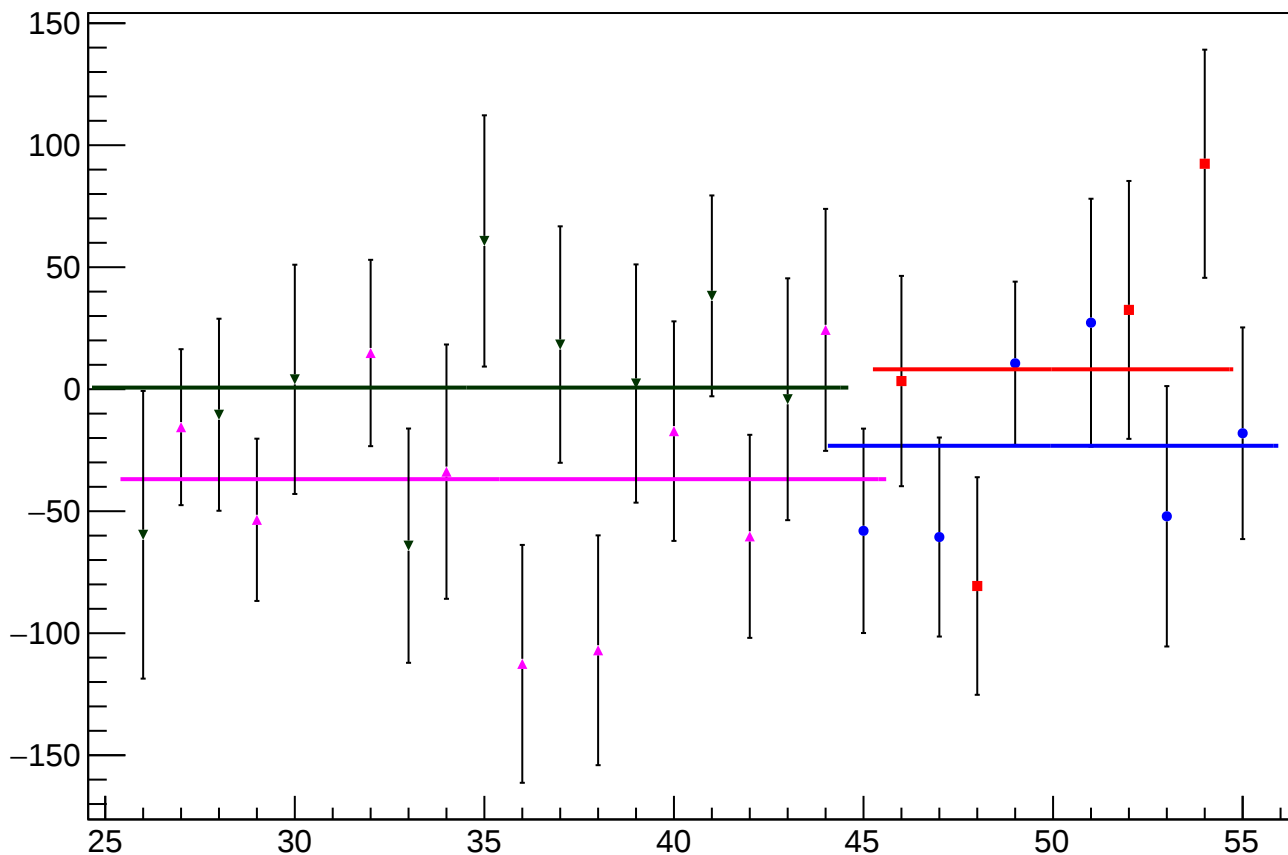
Right Out: 27.044 ± 0.013 χ^2/NDF : 1734.8/3

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

26.286 ± 0.006 χ^2/NDF : 13560.5/14

26.204 ± 0.007 χ^2/NDF : 8906.0/12

asym_right_dd_correction_mean vs slug



Right In: -23.184 ± 17.317 $\chi^2/\text{NDF}: 3.8/5$

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

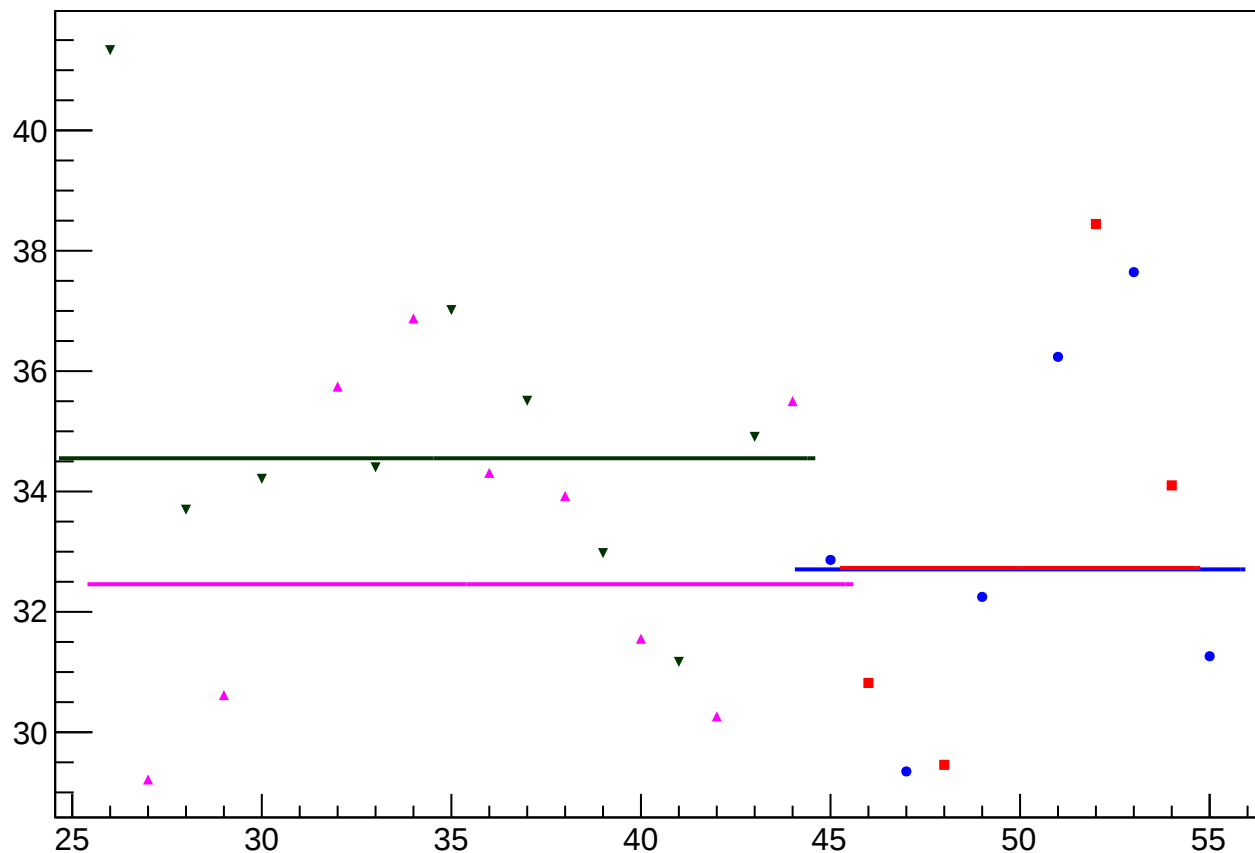
Right Out: 8.156 ± 23.206 $\chi^2/\text{NDF}: 7.4/3$

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

-10.118 ± 11.644 $\chi^2/\text{NDF}: 10.2/14$

-25.163 ± 11.831 $\chi^2/\text{NDF}: 19.4/12$

asym_right_dd_correction_rms vs slug



Right In: 32.706+/-0.012 χ^2/NDF : 42969.8/5

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

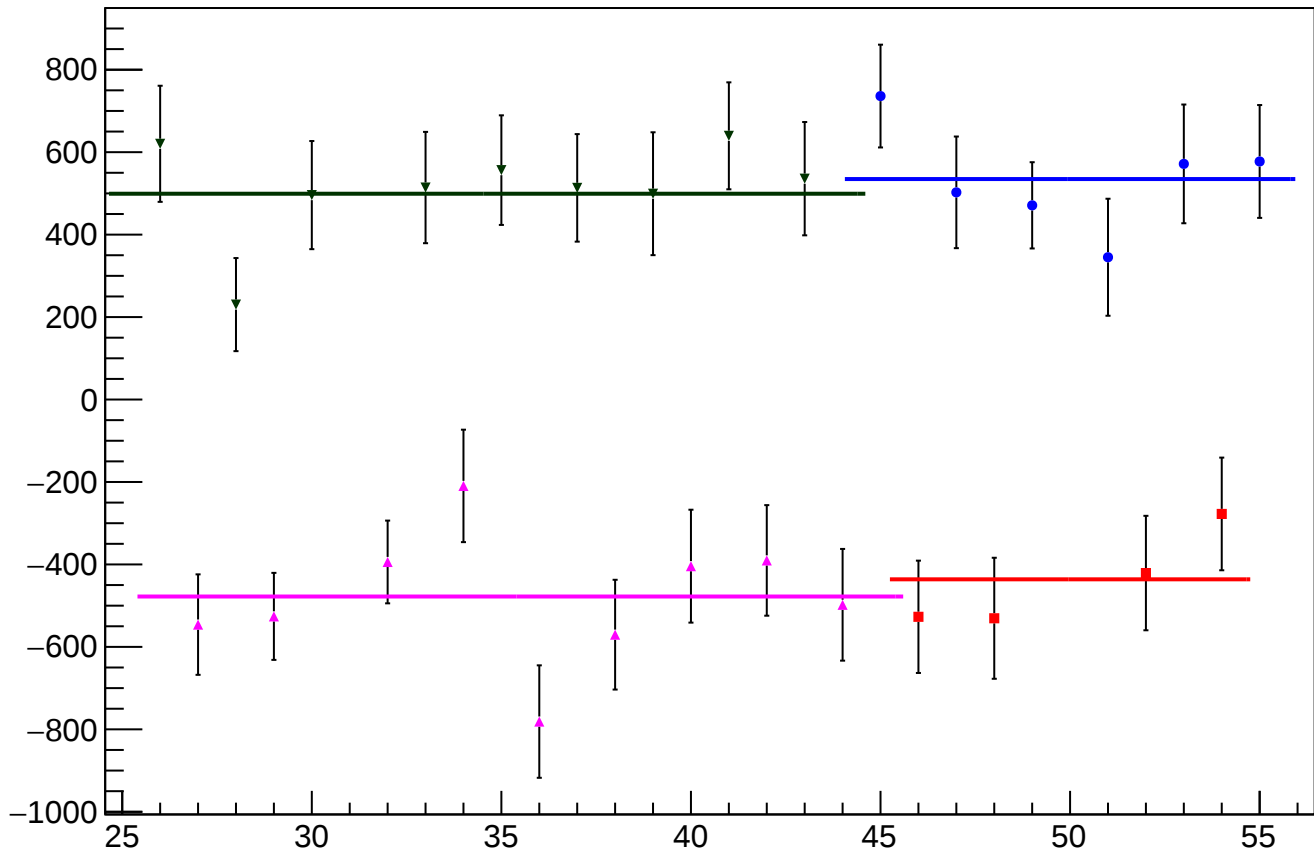
Right Out: 32.730+/-0.016 χ^2/NDF : 39805.7/3

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

33.717+/-0.008 χ^2/NDF : 104008.7/14

32.530+/-0.008 χ^2/NDF : 114640.1/12

reg_asym_us_avg_mean vs slug



Right In: 534.809 ± 52.592 χ^2/NDF : 5.0/5

Left Out: 499.205 ± 44.079 χ^2/NDF : 7.9/8

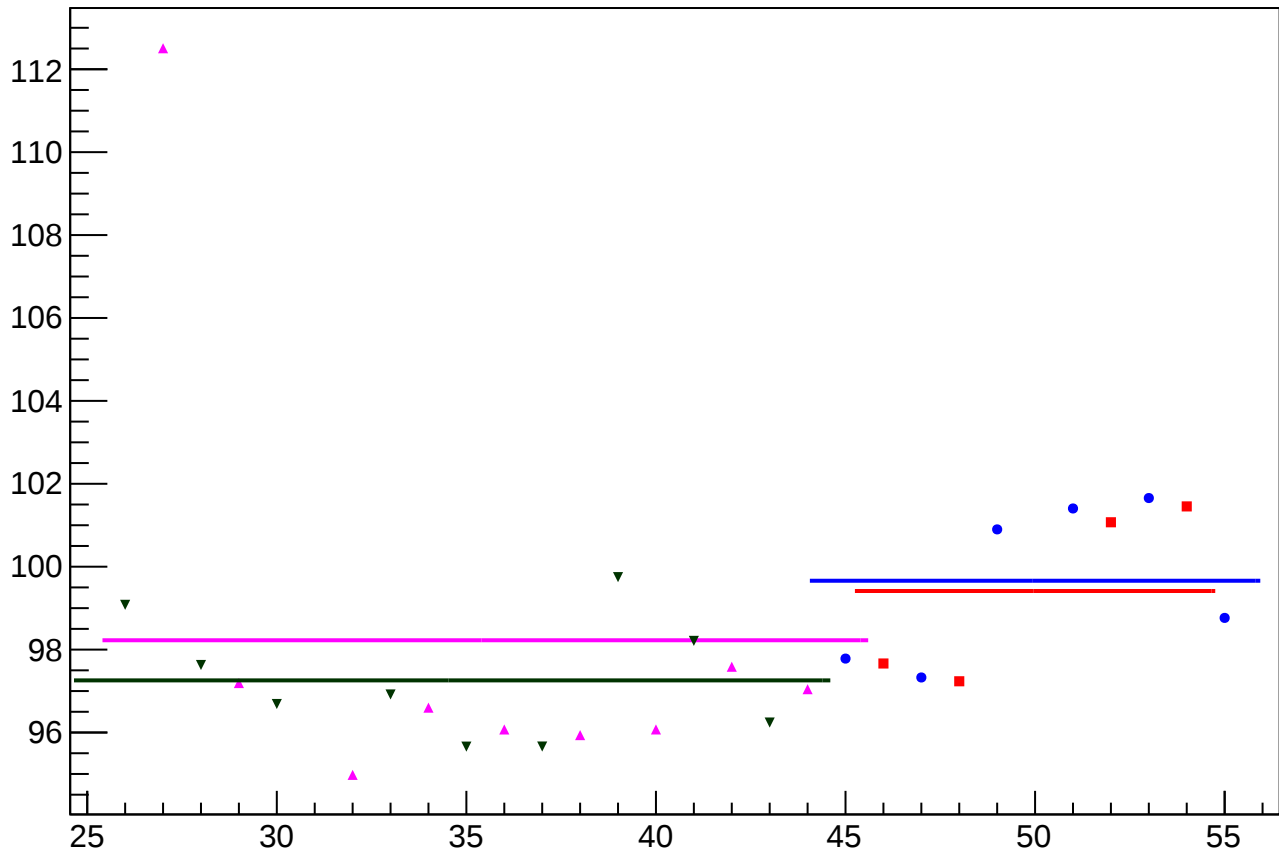
Right Out: -436.115 ± 69.714 χ^2/NDF : 2.2/3

Left In: -477.806 ± 41.389 χ^2/NDF : 11.3/8

513.896 ± 33.783 χ^2/NDF : 13.1/14

-466.941 ± 35.589 χ^2/NDF : 13.7/12

reg_asym_us_avg_rms vs slug



Right In: 99.661+/-0.037 χ^2/NDF : 2099.9/5

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

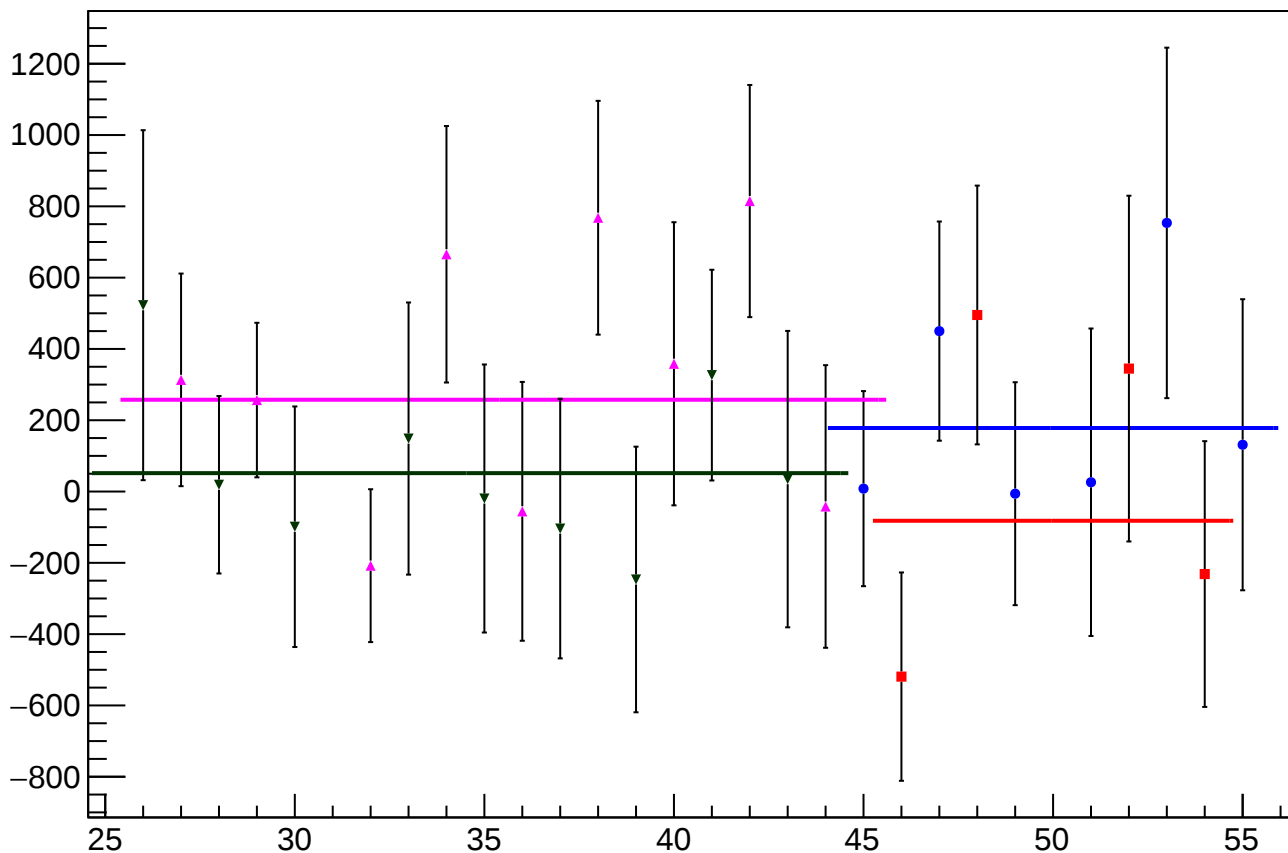
98.249+/-0.024 χ^2/NDF : 6325.4/14

Right Out: 99.414+/-0.049 χ^2/NDF : 1501.3/3

98.535+/-0.025 χ^2/NDF : 33748.3/12

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

asym_us_avg_correction_mean vs slug



Right In: 178.238+/-141.870 χ^2/NDF : 3.0/5

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

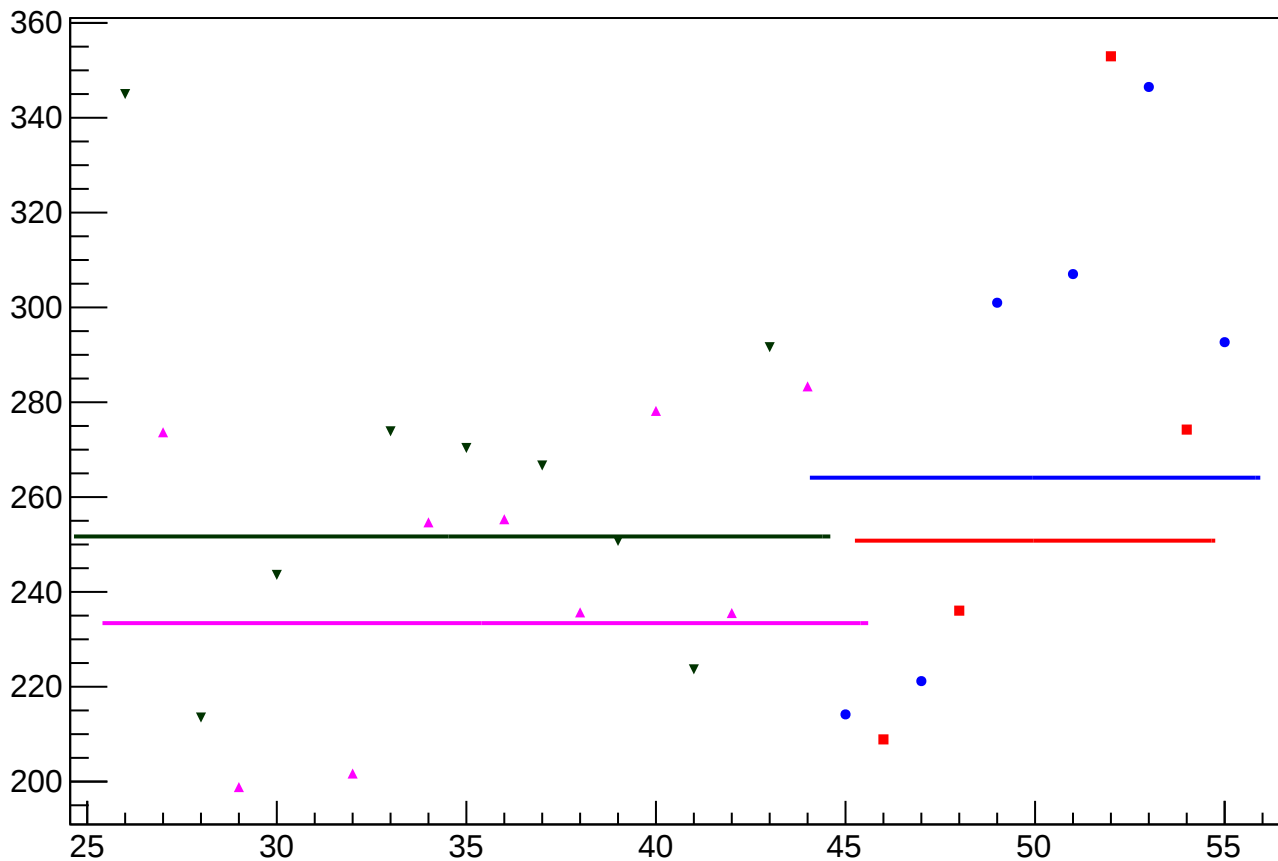
Right Out: -81.982+/-180.325 χ^2/NDF : 5.7/3

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

102.069+/-89.557 χ^2/NDF : 6.4/14

178.268+/-87.105 χ^2/NDF : 21.2/12

asym_us_avg_correction_rms vs slug



Right In: 264.092+/-0.100 χ^2/NDF : 219228.3/5

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

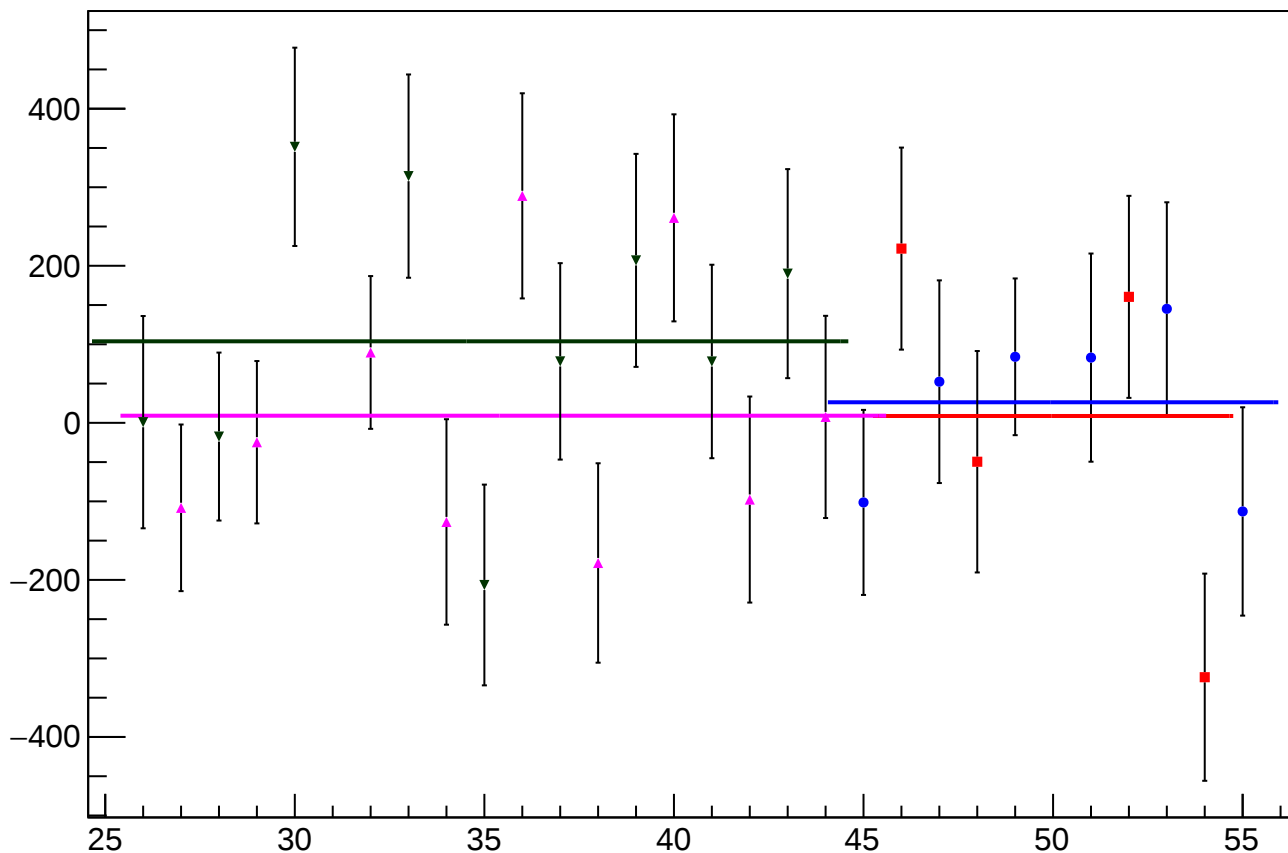
Right Out: 250.810+/-0.128 χ^2/NDF : 141102.3/3

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

256.635+/-0.063 χ^2/NDF : 400408.7/14

237.474+/-0.062 χ^2/NDF : 358100.8/12

reg_asym_us_dd_mean vs slug



Right In: 26.185 ± 49.962 χ^2/NDF : 3.6/5

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

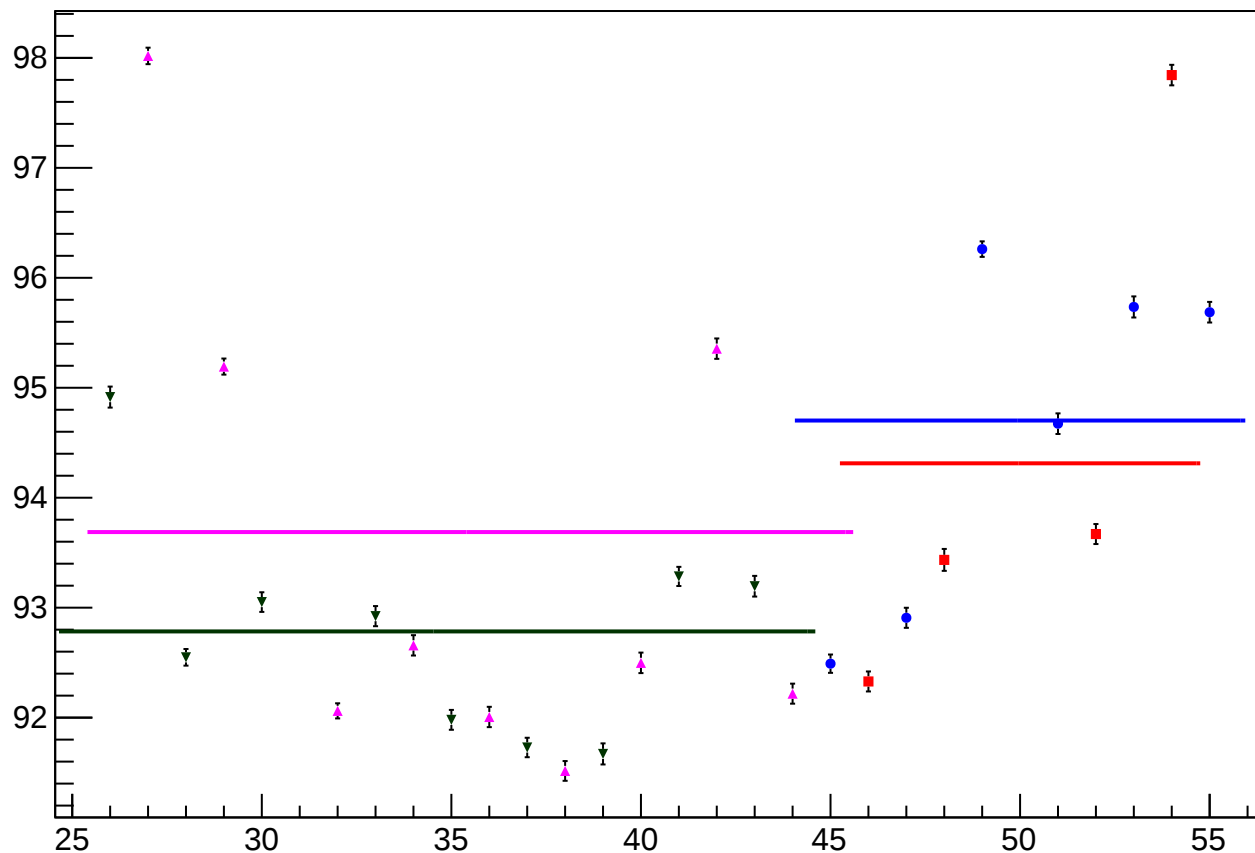
Right Out: 8.715 ± 66.133 χ^2/NDF : 10.7/3

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

71.653 ± 32.157 χ^2/NDF : 20.3/14

8.987 ± 33.868 χ^2/NDF : 24.8/12

reg_asym_us_dd_rms vs slug



Right In: 94.702 ± 0.035 χ^2/NDF : 1805.7/5

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

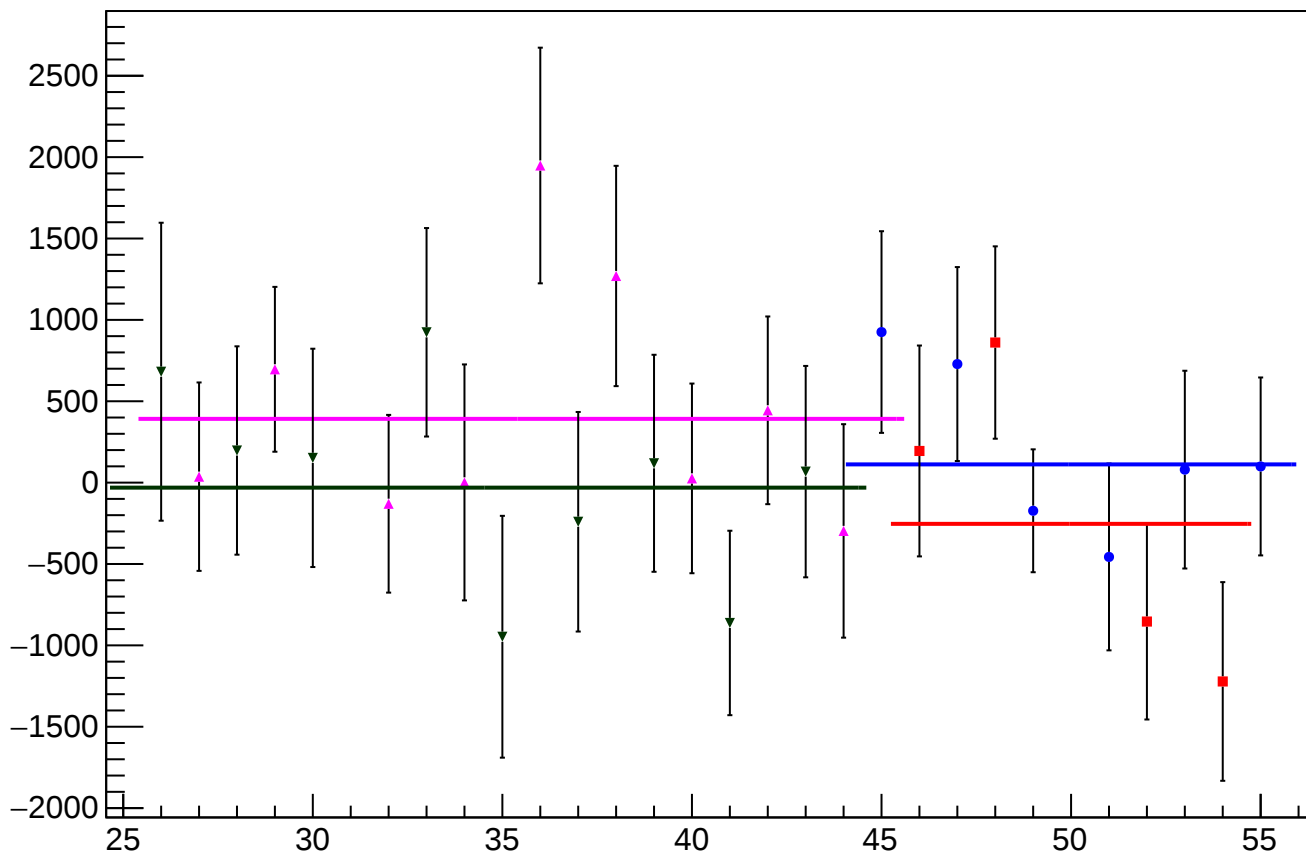
Right Out: 94.313 ± 0.047 χ^2/NDF : 2036.4/3

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

93.578 ± 0.023 χ^2/NDF : 4459.0/14

93.852 ± 0.024 χ^2/NDF : 8271.2/12

asym_us_dd_correction_mean vs slug



Right In: 112.033 ± 215.540 χ^2/NDF : 4.3/5

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

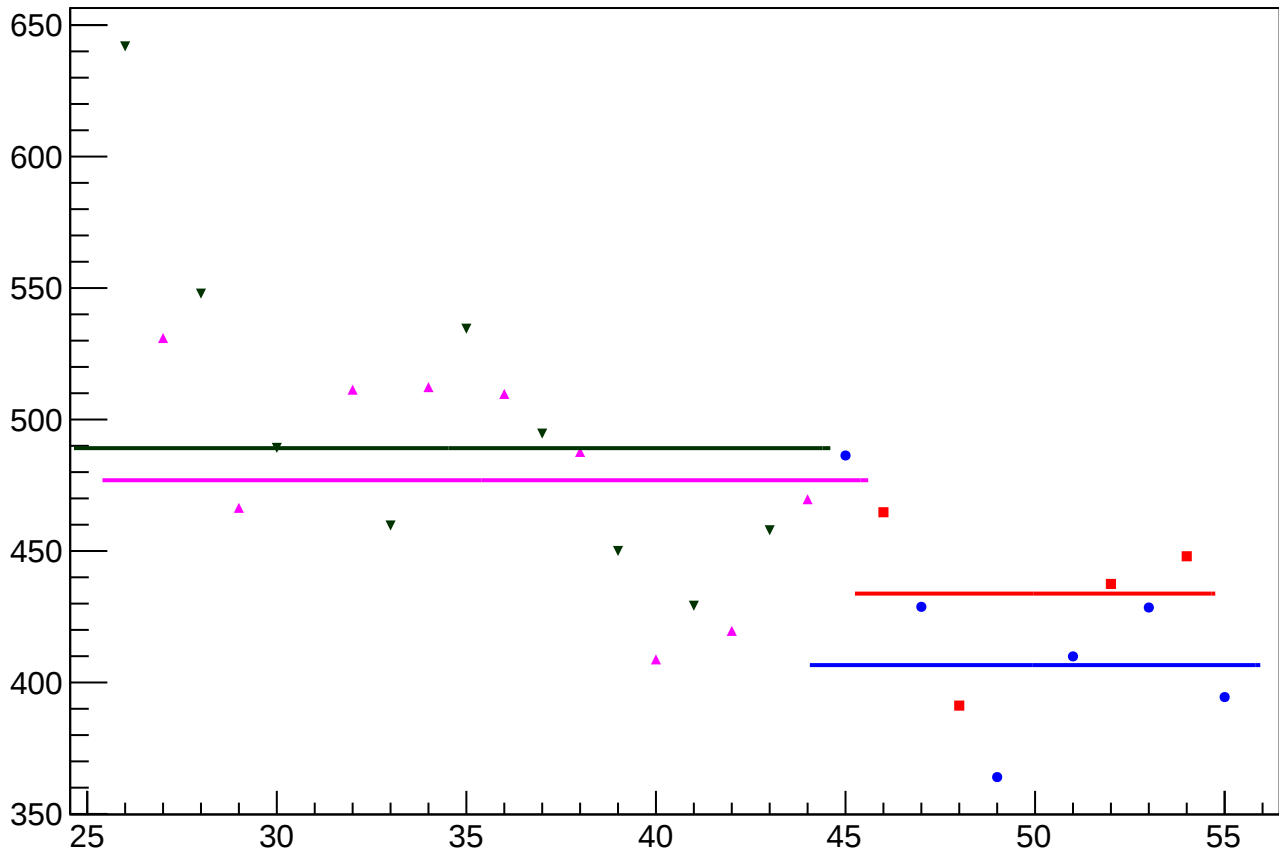
Right Out: -253.358 ± 305.857 χ^2/NDF : 7.5/3

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

43.153 ± 155.115 χ^2/NDF : 11.4/14

195.848 ± 168.561 χ^2/NDF : 20.4/12

asym_us_dd_correction_rms vs slug



Right In: 406.614 $\pm$ 0.152 χ^2 /NDF: 64979.2/5

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

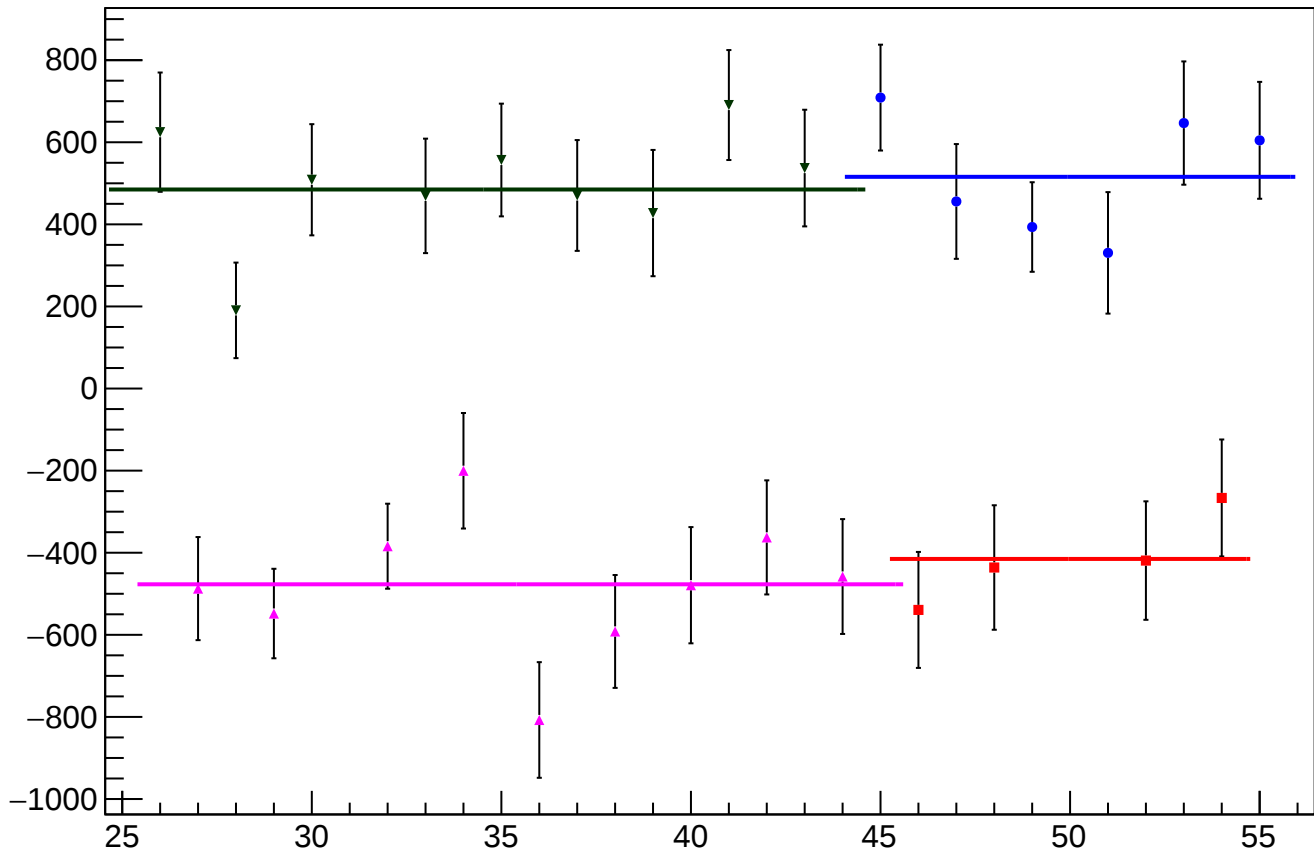
Right Out: 433.803 $\pm$ 0.216 χ^2 /NDF: 16104.6/3

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

446.388 $\pm$ 0.110 χ^2 /NDF: 324505.7/14

463.820 $\pm$ 0.119 χ^2 /NDF: 126749.0/12

reg_asym_ds_avg_mean vs slug



Right In: 515.787 ± 54.665 χ^2/NDF : 6.4/5

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

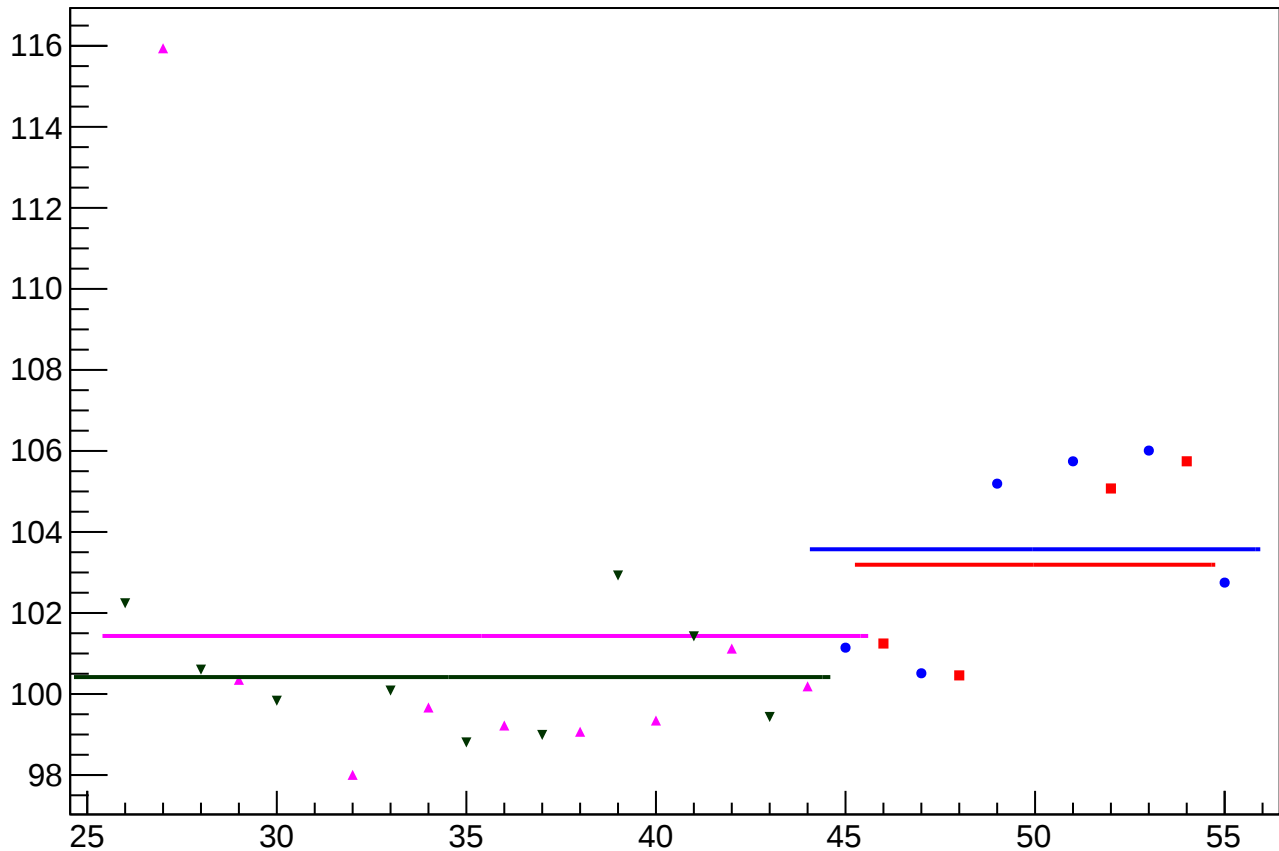
497.565 ± 34.980 χ^2/NDF : 16.9/14

Right Out: -415.120 ± 72.381 χ^2/NDF : 1.9/3

-460.935 ± 36.804 χ^2/NDF : 14.4/12

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

reg_asym_ds_avg_rms vs slug



Right In: 103.573+/-0.039 χ^2/NDF : 3132.9/5

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

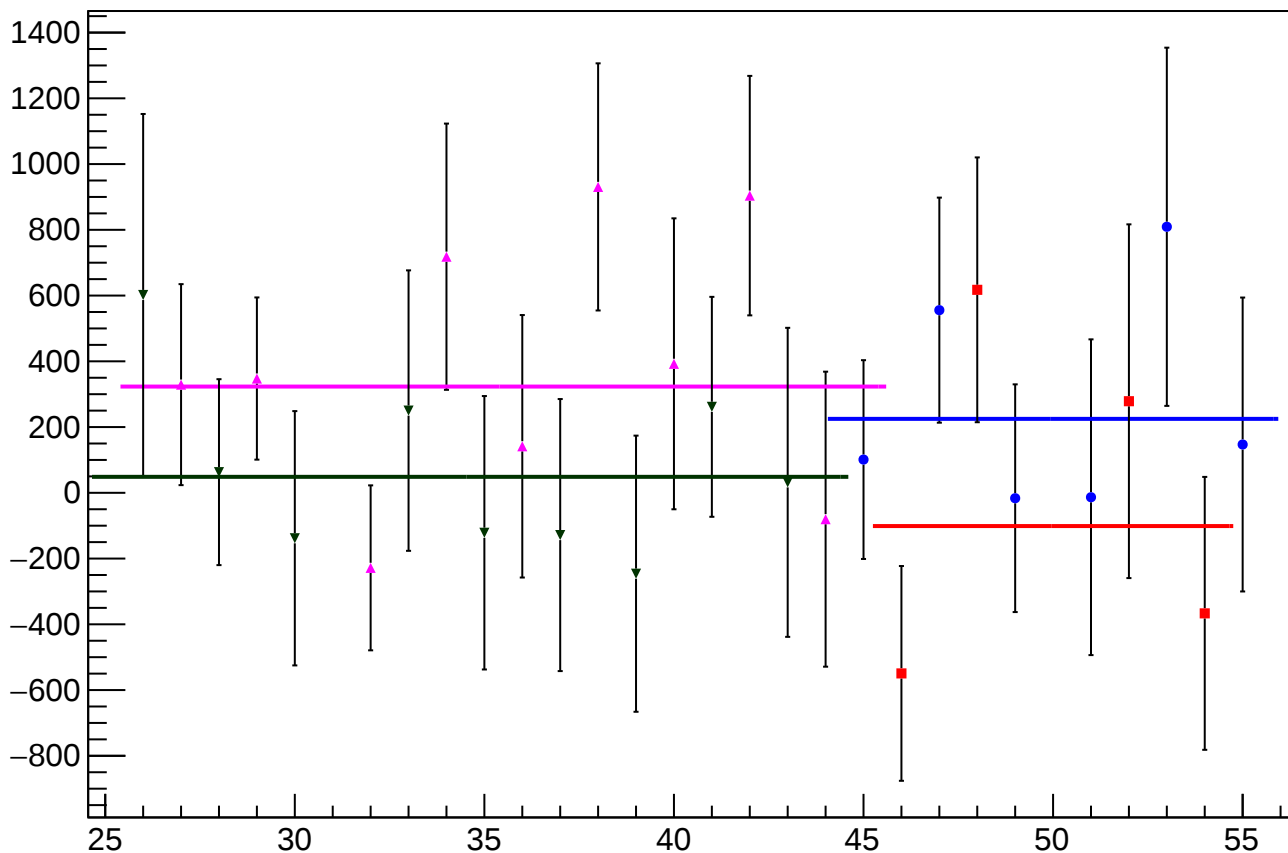
101.710+/-0.025 χ^2/NDF : 8675.2/14

Right Out: 103.191+/-0.051 χ^2/NDF : 2010.7/3

101.887+/-0.026 χ^2/NDF : 33968.7/12

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

asym_ds_avg_correction_mean vs slug



Right In: 224.945 $\pm$ 157.103 χ^2 /NDF: 3.0/5

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

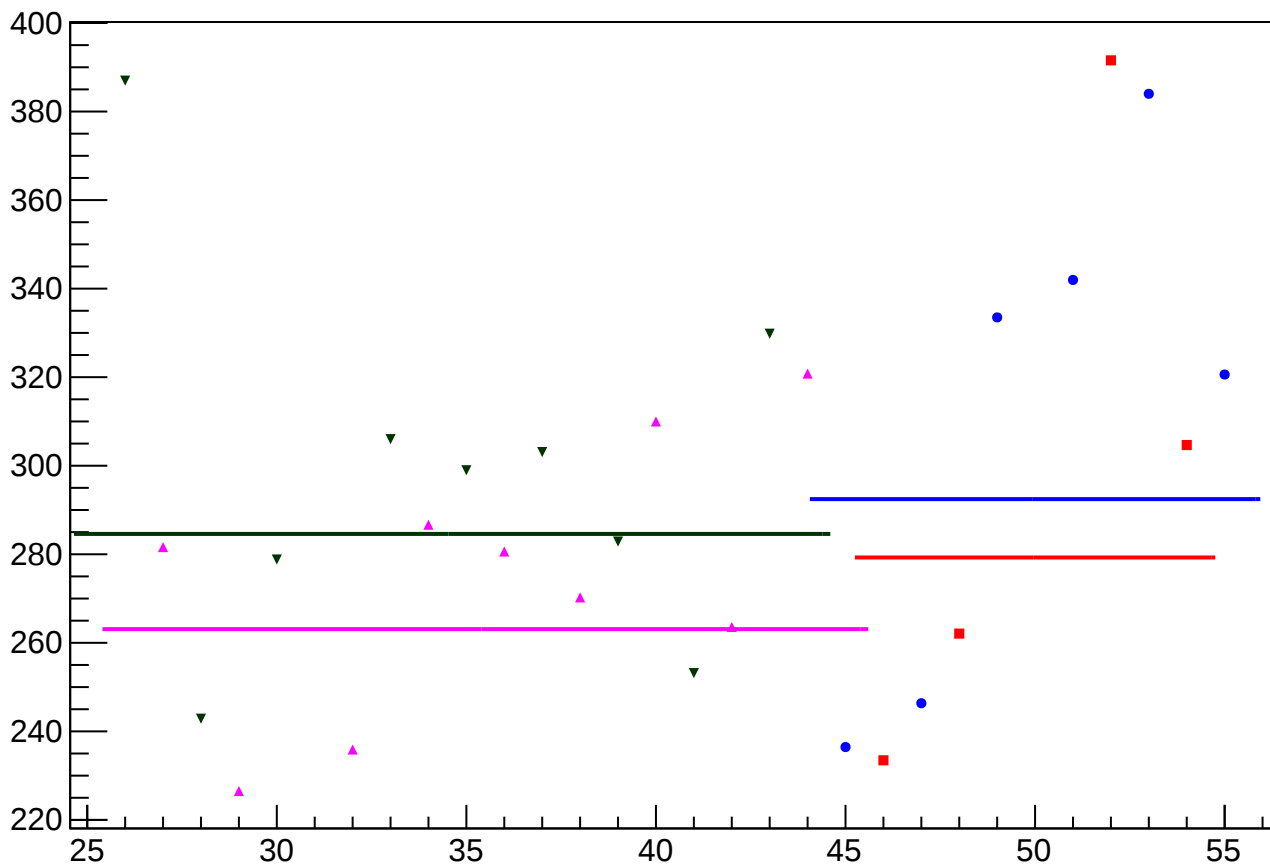
Right Out: -101.143 $\pm$ 200.827 χ^2 /NDF: 6.0/3

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

120.592 $\pm$ 100.375 χ^2 /NDF: 6.5/14

222.879 $\pm$ 97.649 χ^2 /NDF: 21.4/12

asym_ds_avg_correction_rms vs slug



Right In: 292.460+/-0.111 χ^2/NDF : 218595.2/5

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

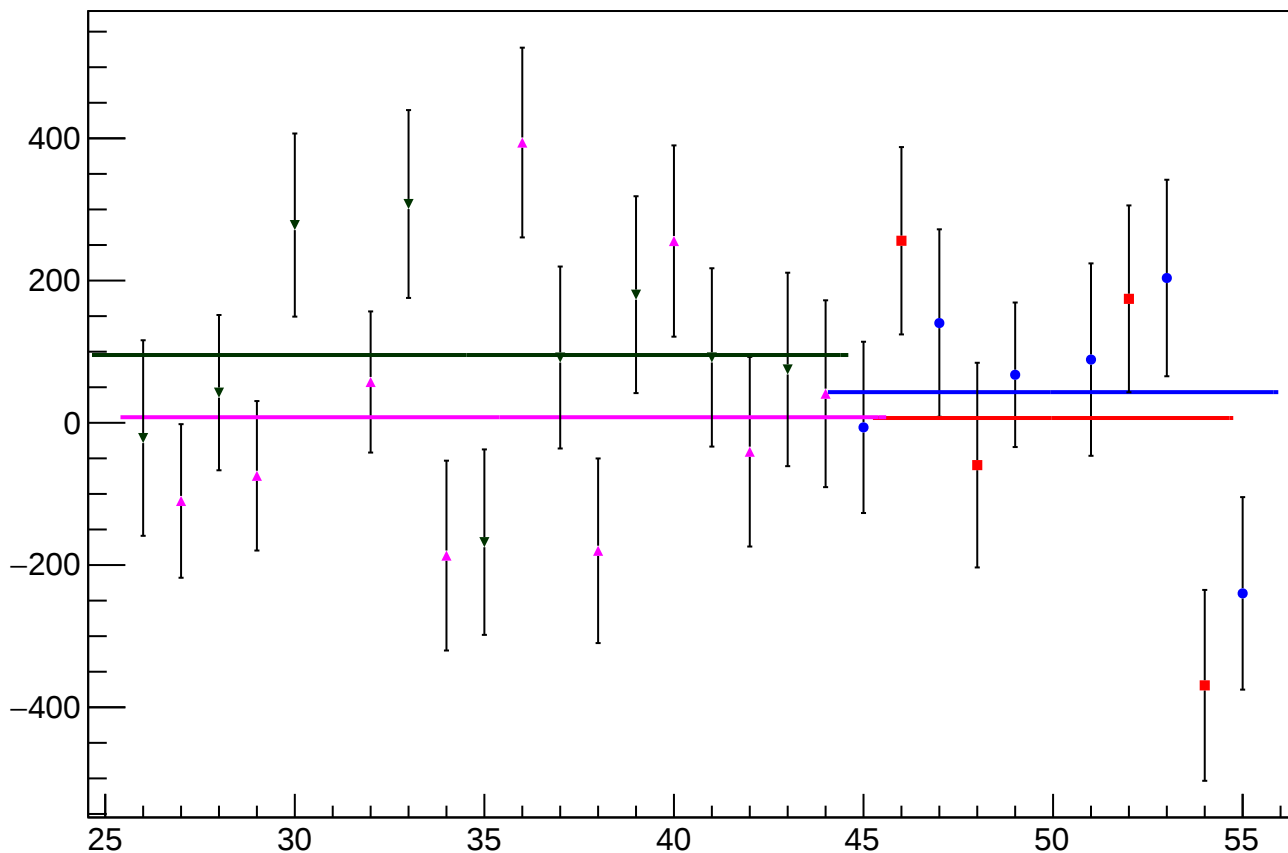
Right Out: 279.277+/-0.142 χ^2/NDF : 137578.2/3

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

287.807+/-0.071 χ^2/NDF : 382350.1/14

266.921+/-0.069 χ^2/NDF : 289235.7/12

reg_asym_ds_dd_mean vs slug



Right In: 43.123+/-50.964 χ^2/NDF : 6.6/5

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

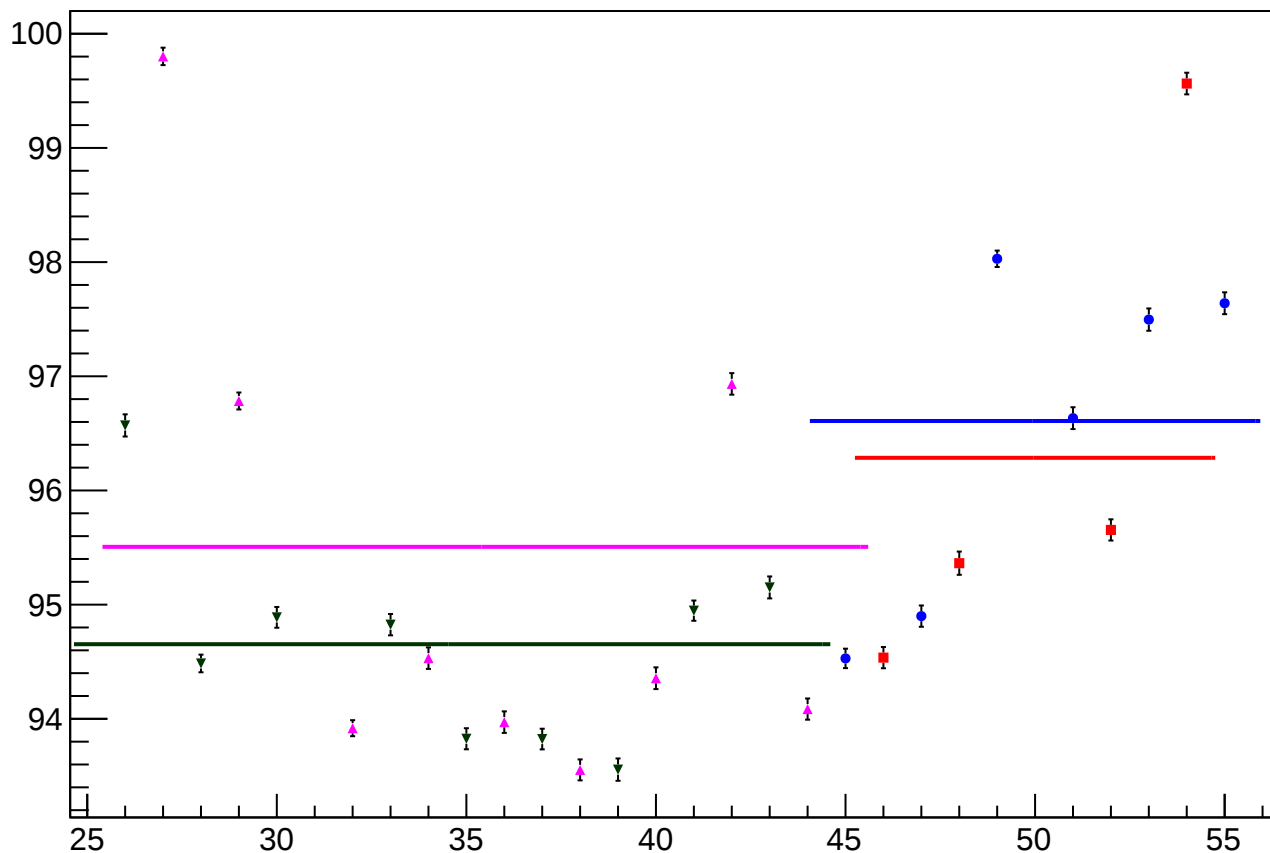
Right Out: 6.746+/-67.508 χ^2/NDF : 13.3/3

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

73.703+/-32.804 χ^2/NDF : 17.2/14

7.564+/-34.535 χ^2/NDF : 31.5/12

reg_asym_ds_dd_rms vs slug



Right In: 96.609+/-0.036 χ^2 /NDF: 1522.3/5

Left Out: 94.654+/-0.030 χ^2 /NDF: 732.0/8

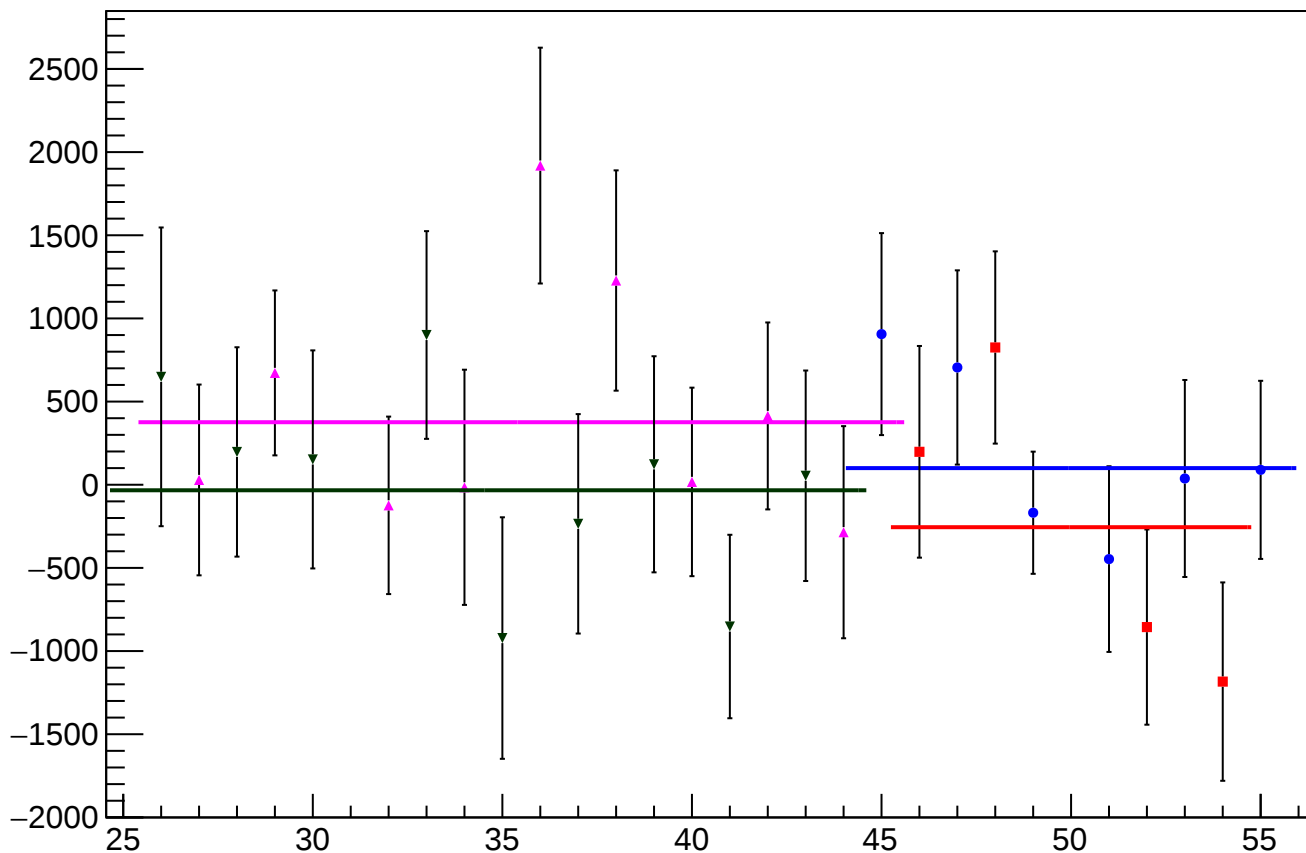
Right Out: 96.286+/-0.048 χ^2 /NDF: 1675.1/3

Left In: 95.506+/-0.028 χ^2 /NDF: 5406.5/8

95.463+/-0.023 χ^2 /NDF: 3978.1/14

95.710+/-0.024 χ^2 /NDF: 7278.5/12

asym_ds_dd_correction_mean vs slug



Right In: 100.007 ± 210.329 χ^2/NDF : 4.3/5

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

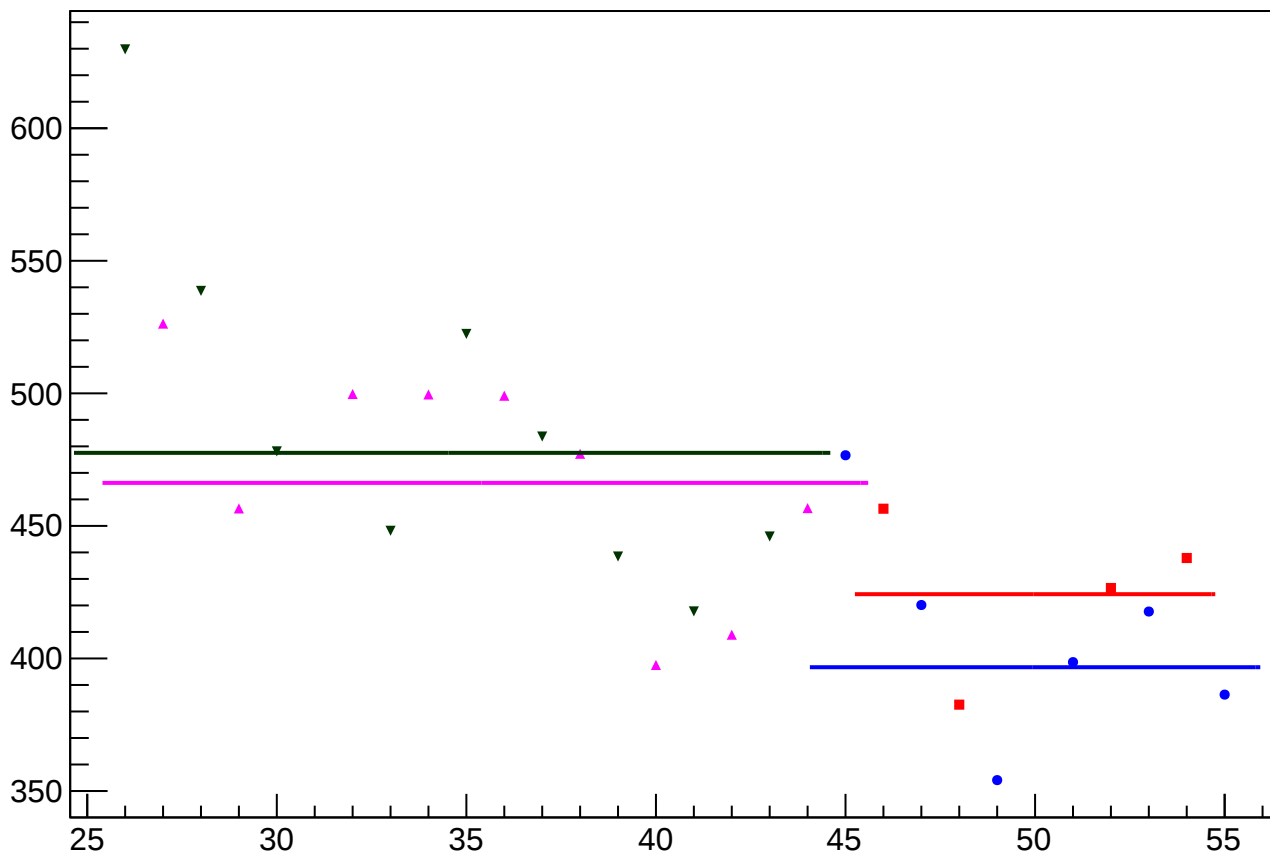
Right Out: -255.268 ± 299.110 χ^2/NDF : 7.5/3

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

35.812 ± 151.431 χ^2/NDF : 11.4/14

184.256 ± 164.833 χ^2/NDF : 20.4/12

asym_ds_dd_correction_rms vs slug



Right In: 396.696+/-0.149 χ^2/NDF : 68067.0/5

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

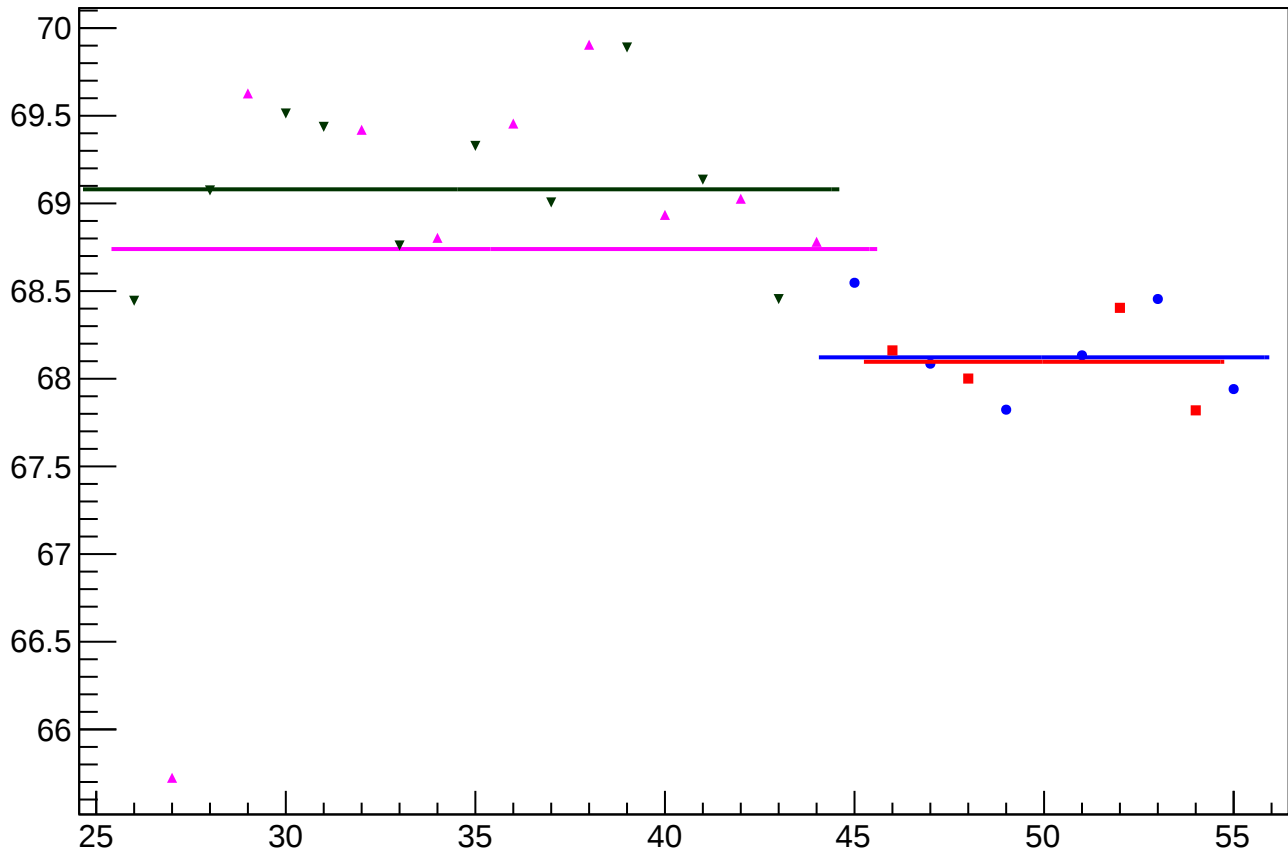
Right Out: 424.245+/-0.212 χ^2/NDF : 16605.7/3

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

435.643+/-0.107 χ^2/NDF : 334707.5/14

453.475+/-0.117 χ^2/NDF : 134525.6/12

yield_bcm_an_ds_mean vs slug



Right In: 68.122 $\pm$ 0.000 χ^2 /NDF: 6320918.9/5

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

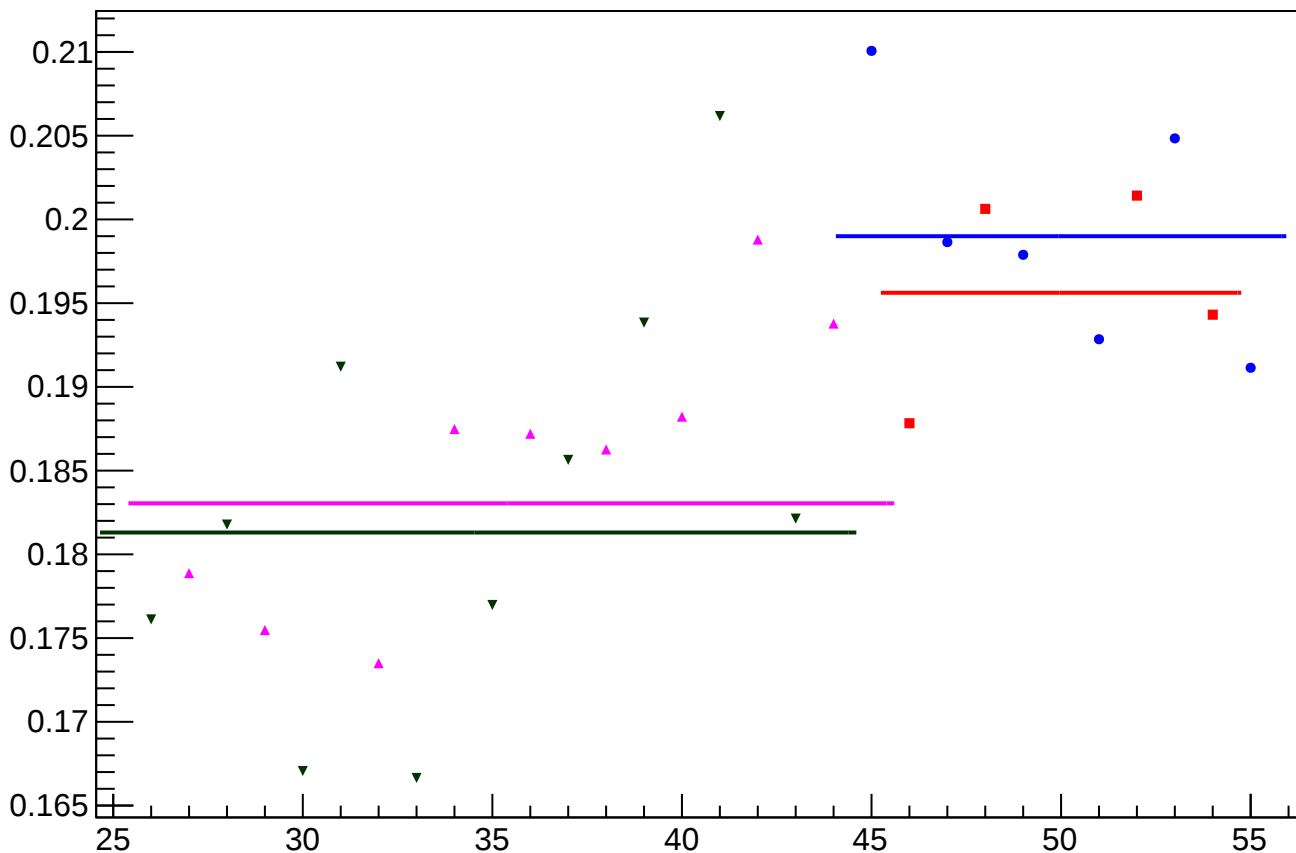
Right Out: 68.097 $\pm$ 0.000 χ^2 /NDF: 2435734.2/3

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

68.729 $\pm$ 0.000 χ^2 /NDF: 85139078.5/15

68.585 $\pm$ 0.000 χ^2 /NDF: 313068610.9/12

yield_bcm_an_ds_rms vs slug



Right In: 0.199+/-0.000 χ^2/NDF : 6924.2/5

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

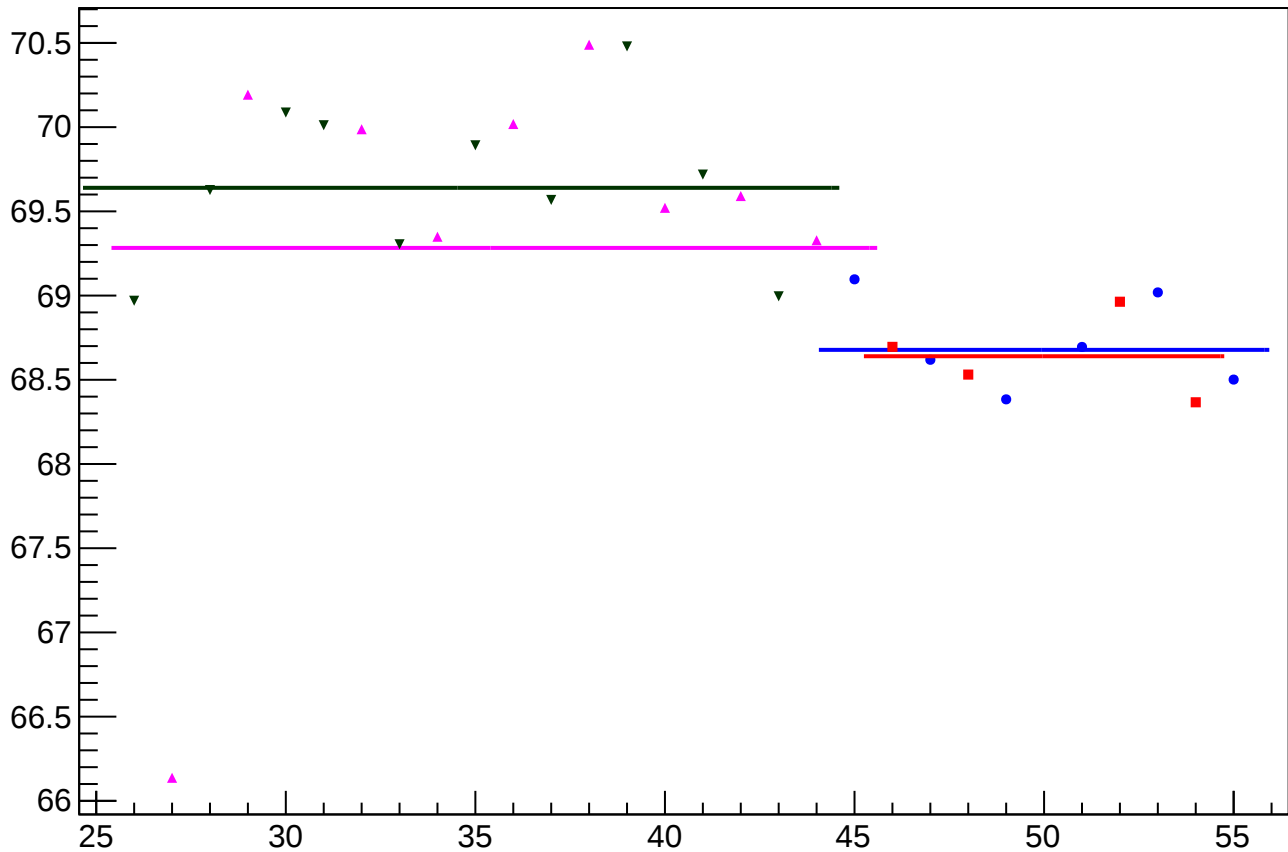
0.188+/-0.000 χ^2/NDF : 81008.9/15

Right Out: 0.196+/-0.000 χ^2/NDF : 3130.7/3

0.186+/-0.000 χ^2/NDF : 35932.4/12

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

yield_bcm_an_ds3_mean vs slug



Right In: 68.678+/-0.000 χ^2/NDF : 5970189.3/5

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

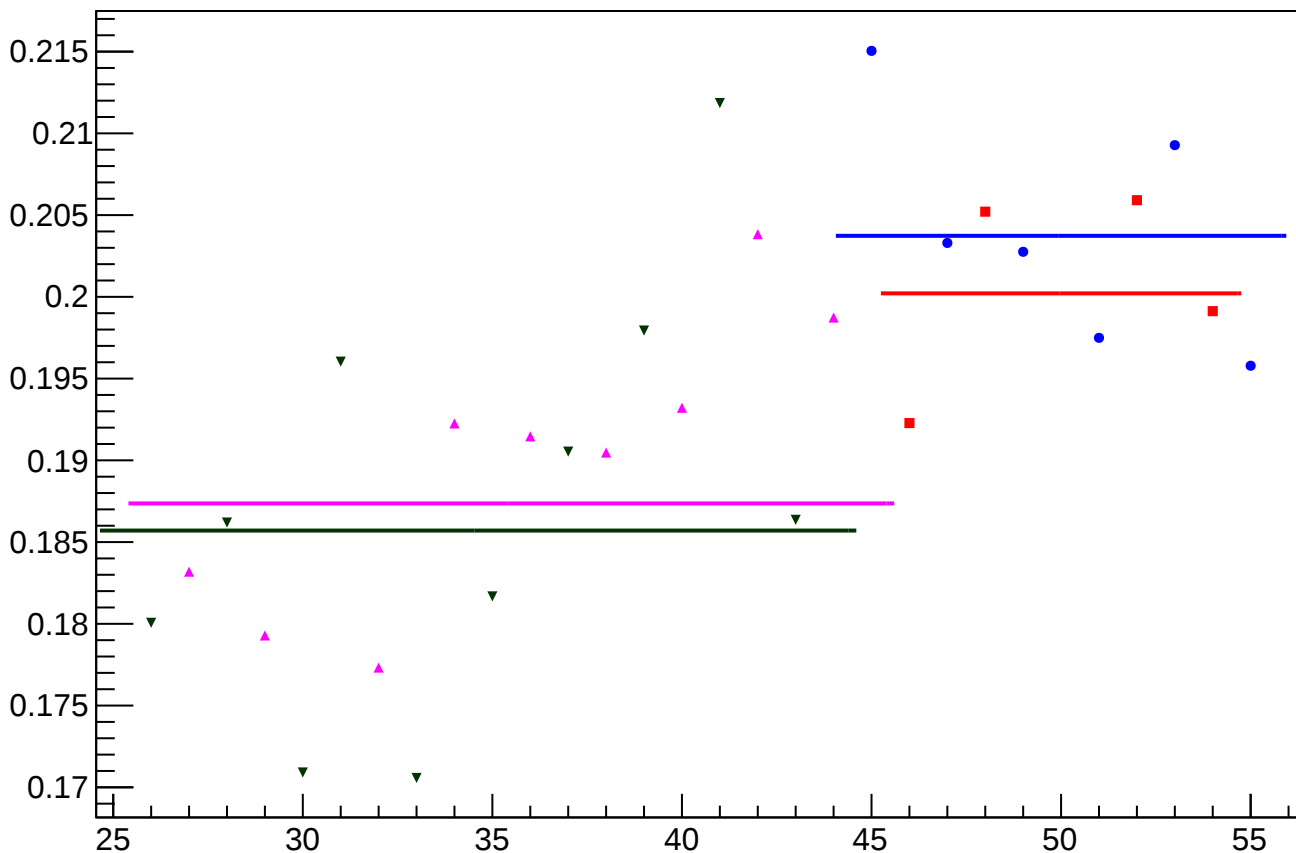
Right Out: 68.640+/-0.000 χ^2/NDF : 2434690.3/3

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

69.286+/-0.000 χ^2/NDF : 83710726.2/15

69.129+/-0.000 χ^2/NDF : 322371375.5/12

yield_bcm_an_ds3_rms vs slug



Right In: 0.204 $\pm$ 0.000 χ^2 /NDF: 6729.5/5

Left Out: 0.186 $\pm$ 0.000 χ^2 /NDF: 39898.6/9

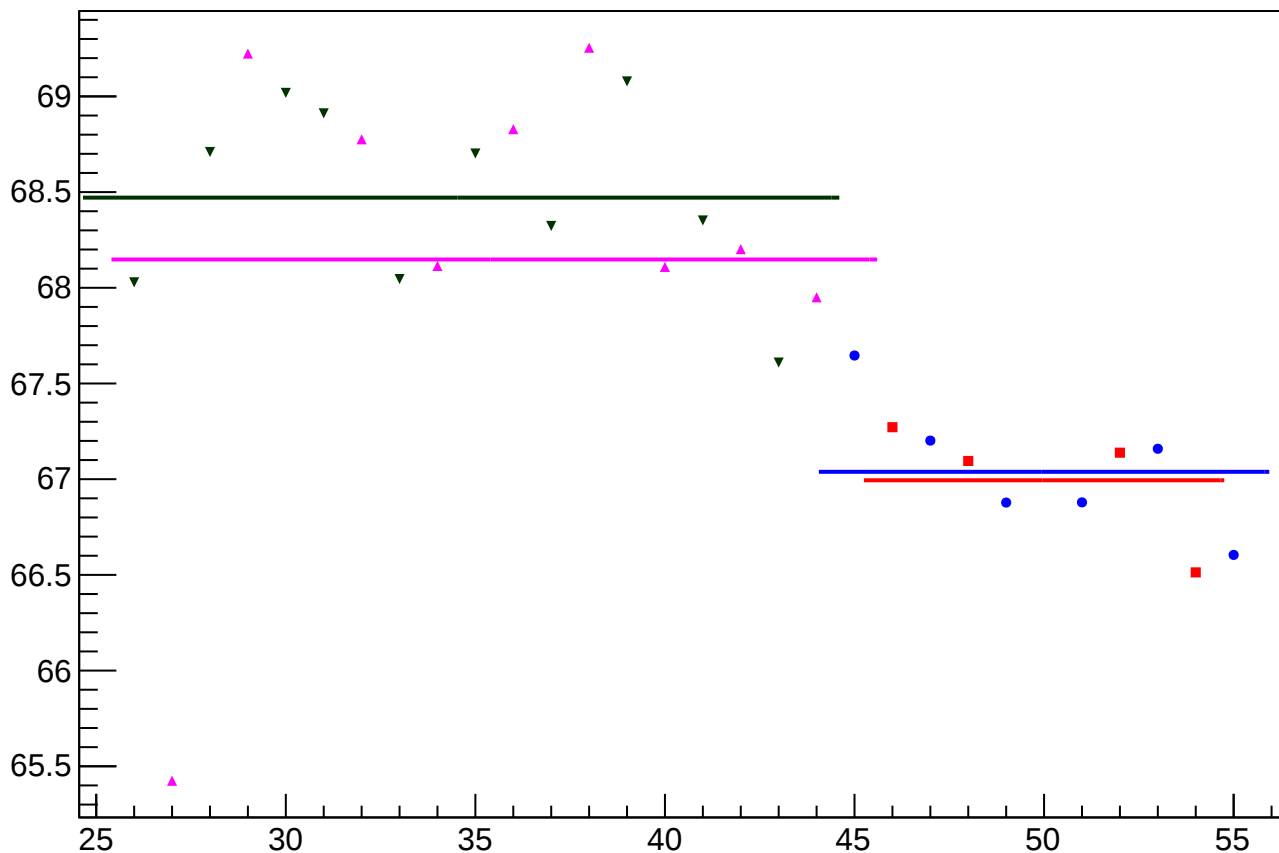
0.192 $\pm$ 0.000 χ^2 /NDF: 81433.3/15

Right Out: 0.200 $\pm$ 0.000 χ^2 /NDF: 3004.6/3

0.190 $\pm$ 0.000 χ^2 /NDF: 36950.2/12

Left In: 0.187 $\pm$ 0.000 χ^2 /NDF: 21692.5/8

yield_bcm_an_us_mean vs slug



Right In: 67.039+/-0.000 χ^2/NDF : 9404969.3/5

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

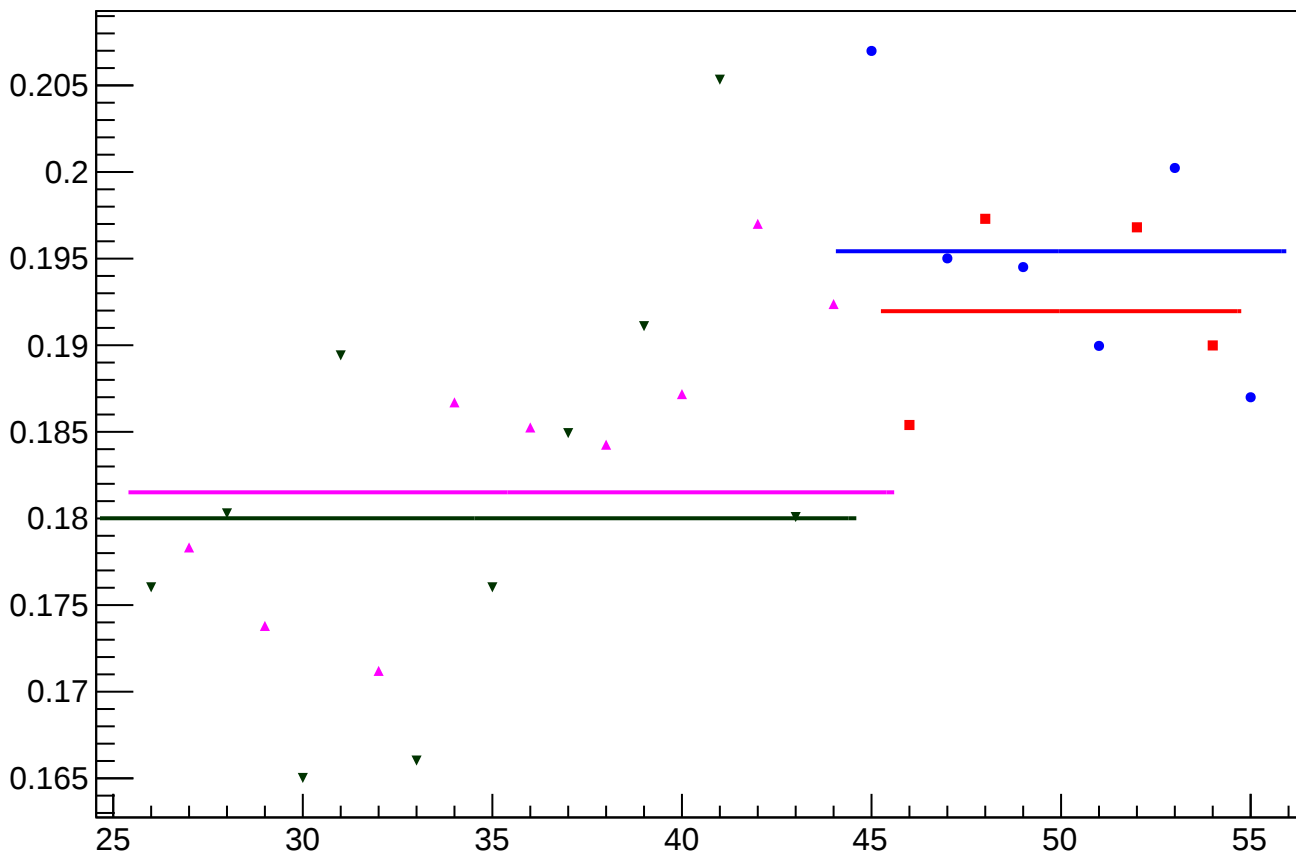
Right Out: 66.994+/-0.000 χ^2/NDF : 4858211.3/3

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

67.938+/-0.000 χ^2/NDF : 159589412.9/15

67.867+/-0.000 χ^2/NDF : 316455222.2/12

yield_bcm_an_us_rms vs slug



Right In: 0.195+/-0.000 χ^2/NDF : 7231.0/5

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

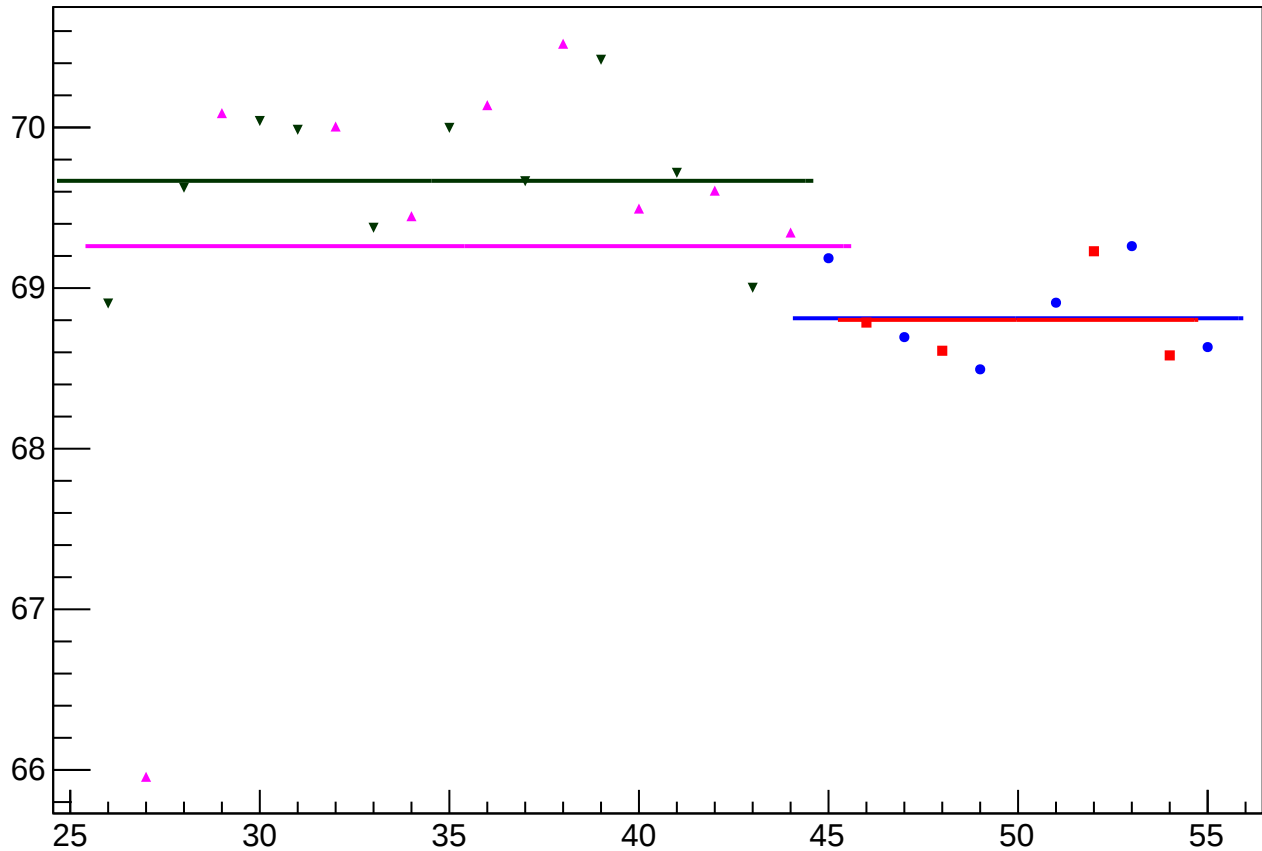
0.186+/-0.000 χ^2/NDF : 73516.2/15

Right Out: 0.192+/-0.000 χ^2/NDF : 2595.0/3

0.184+/-0.000 χ^2/NDF : 32982.2/12

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

yield_bcm_dg_us_mean vs slug



Right In: 68.812 $\pm$ 0.000 χ^2 /NDF: 6454905.3/5

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

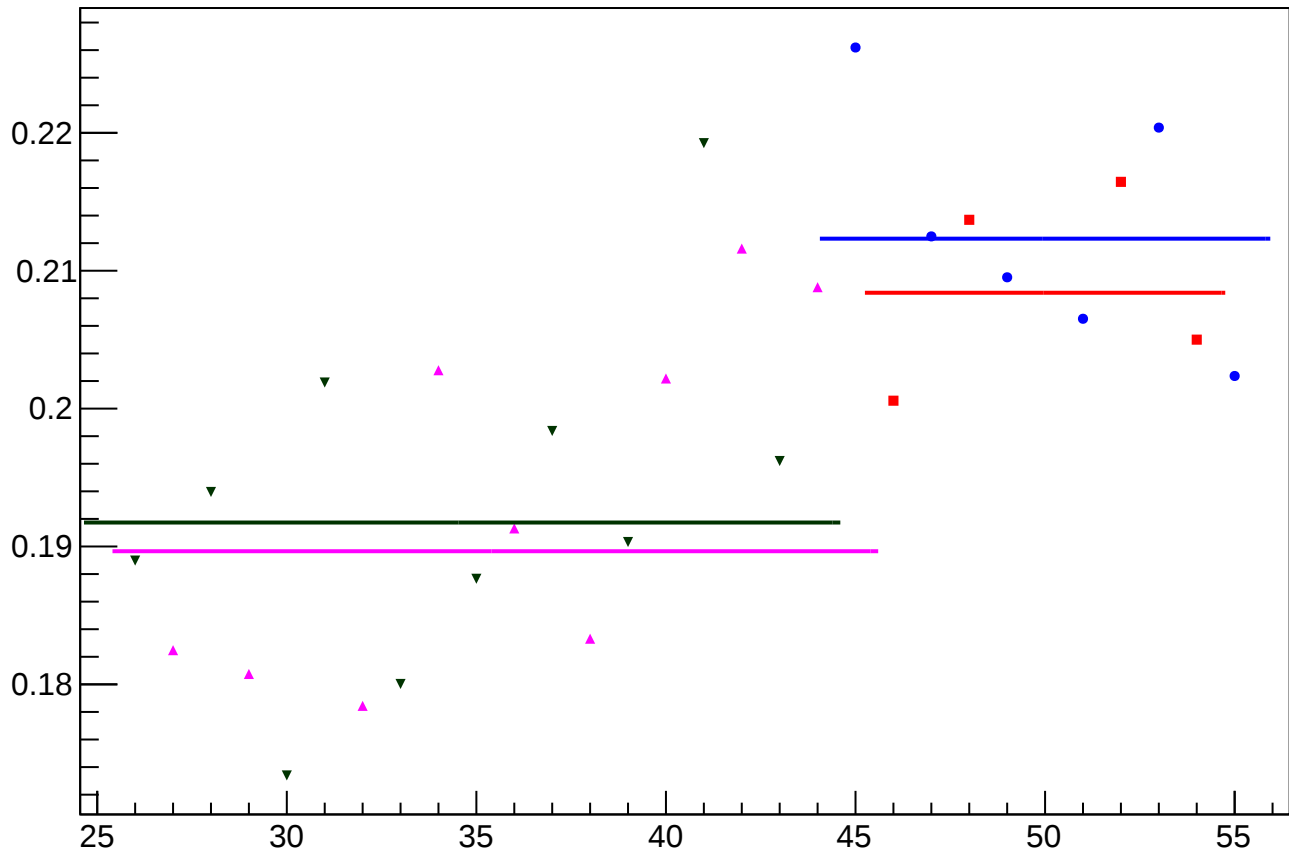
Right Out: 68.802 $\pm$ 0.000 χ^2 /NDF: 2982446.1/3

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

69.357 $\pm$ 0.000 χ^2 /NDF: 69305660.7/15

69.155 $\pm$ 0.000 χ^2 /NDF: 344386812.9/12

yield_bcm_dg_us_rms vs slug



Right In: 0.212+/-0.000 χ^2/NDF : 9396.6/5

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

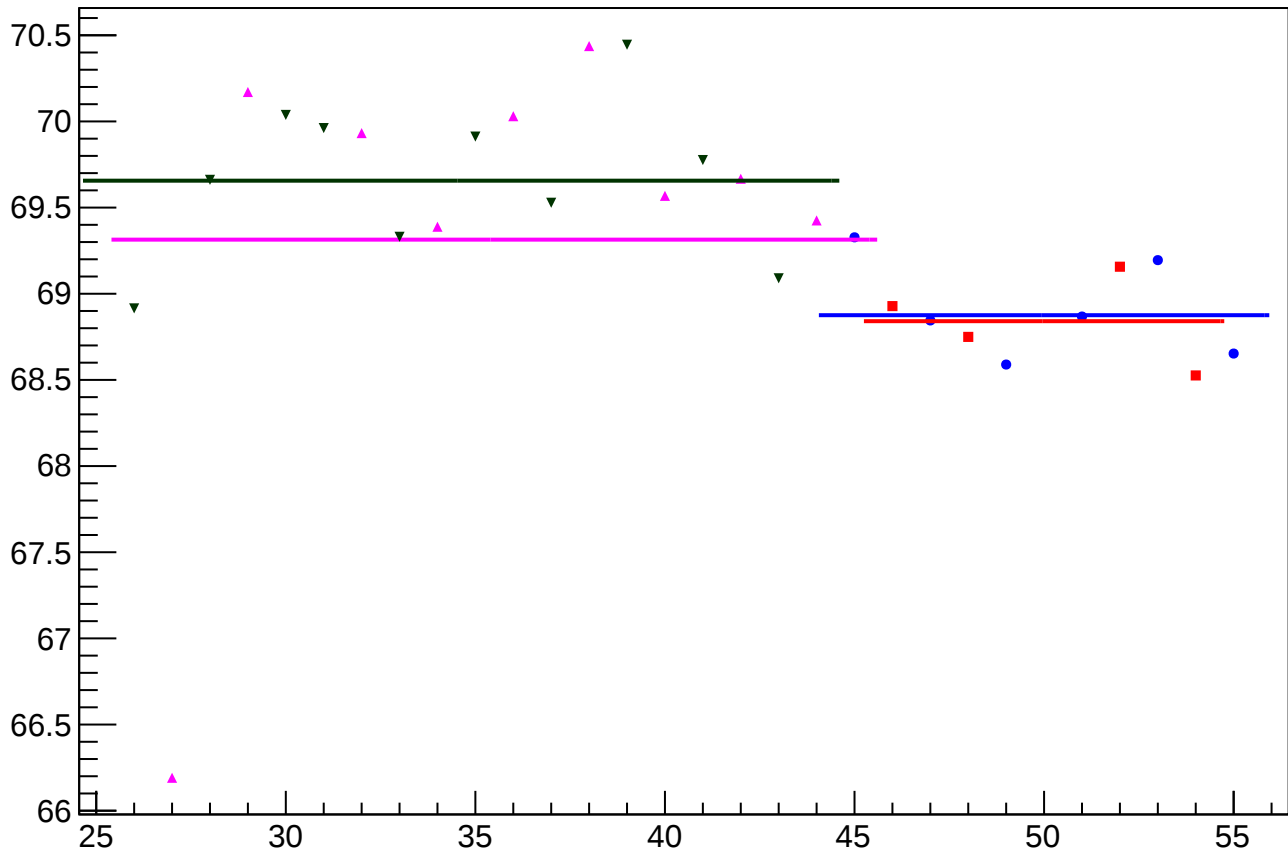
0.199+/-0.000 χ^2/NDF : 89121.3/15

Right Out: 0.208+/-0.000 χ^2/NDF : 3741.8/3

0.194+/-0.000 χ^2/NDF : 69652.2/12

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

yield_bcm_dg_ds_mean vs slug



Right In: 68.876+/-0.000 χ^2/NDF : 6116774.2/5

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

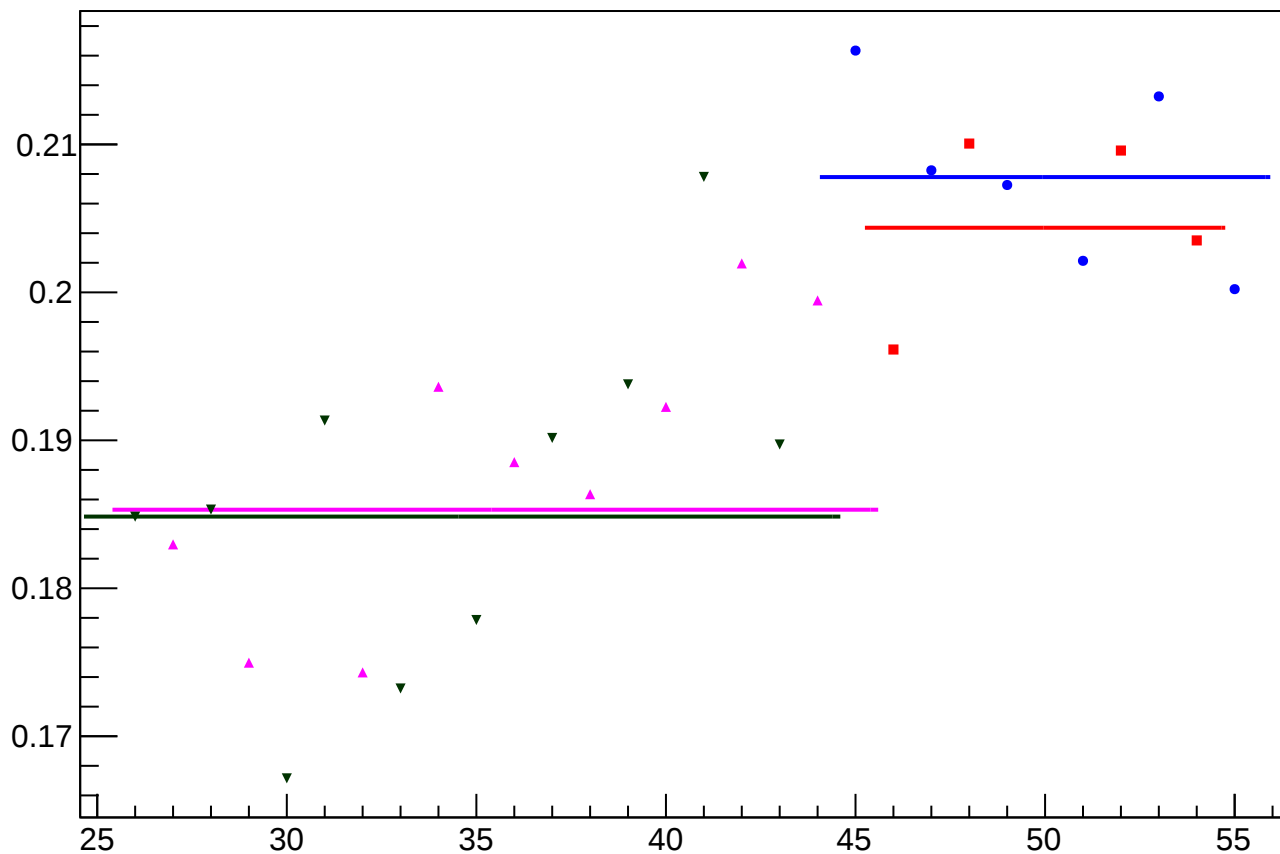
Right Out: 68.841+/-0.000 χ^2/NDF : 2618481.6/3

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

69.378+/-0.000 χ^2/NDF : 64193750.8/15

69.206+/-0.000 χ^2/NDF : 305818139.6/12

yield_bcm_dg_ds_rms vs slug



Right In: 0.208 $\pm$ 0.000 χ^2/NDF : 4764.0/5

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

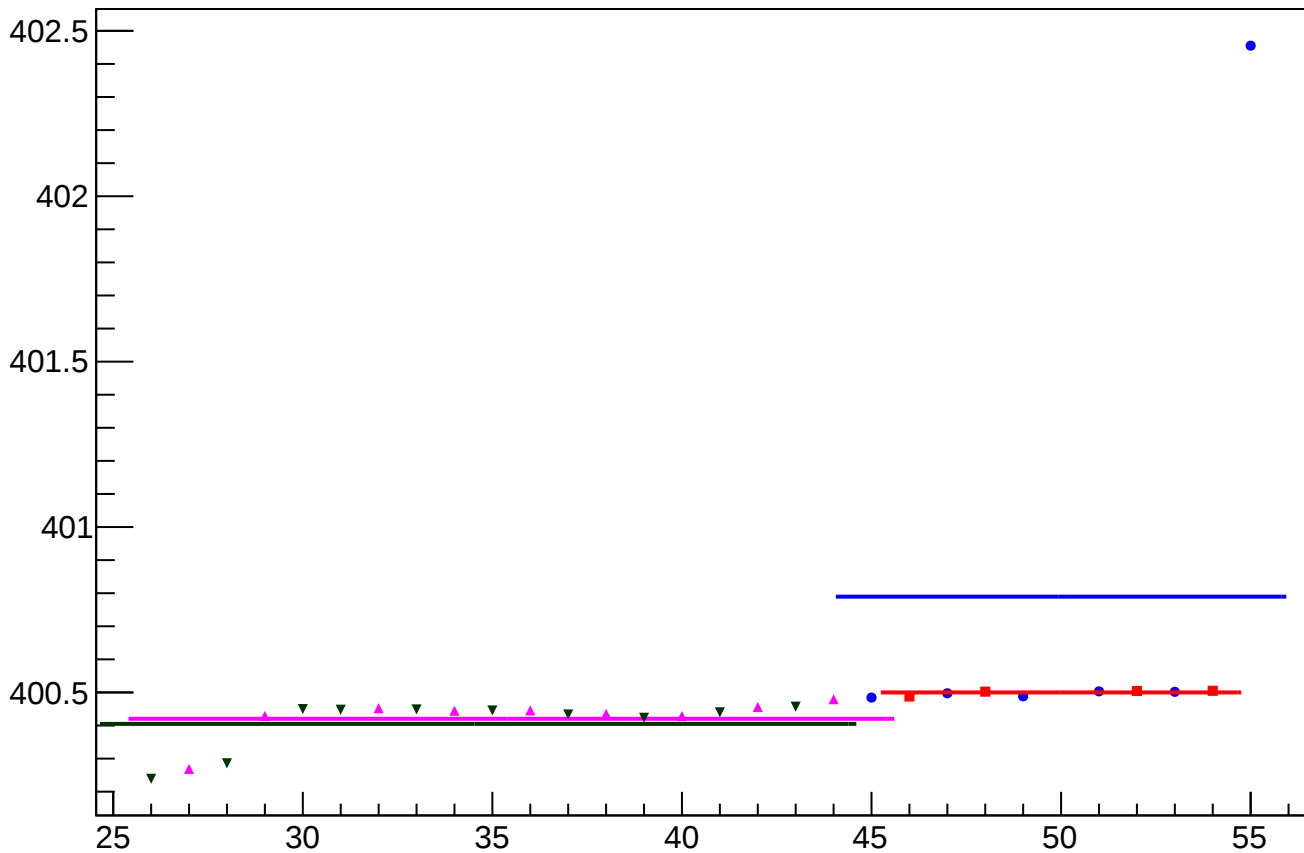
Right Out: 0.204 $\pm$ 0.000 χ^2/NDF : 3017.0/3

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

0.193 $\pm$ 0.000 χ^2/NDF : 95241.7/15

0.190 $\pm$ 0.000 χ^2/NDF : 57263.0/12

yield_cav4bQ_mean vs slug



Right In: 400.790+/-0.000 χ^2/NDF : 40342202583.8/5

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

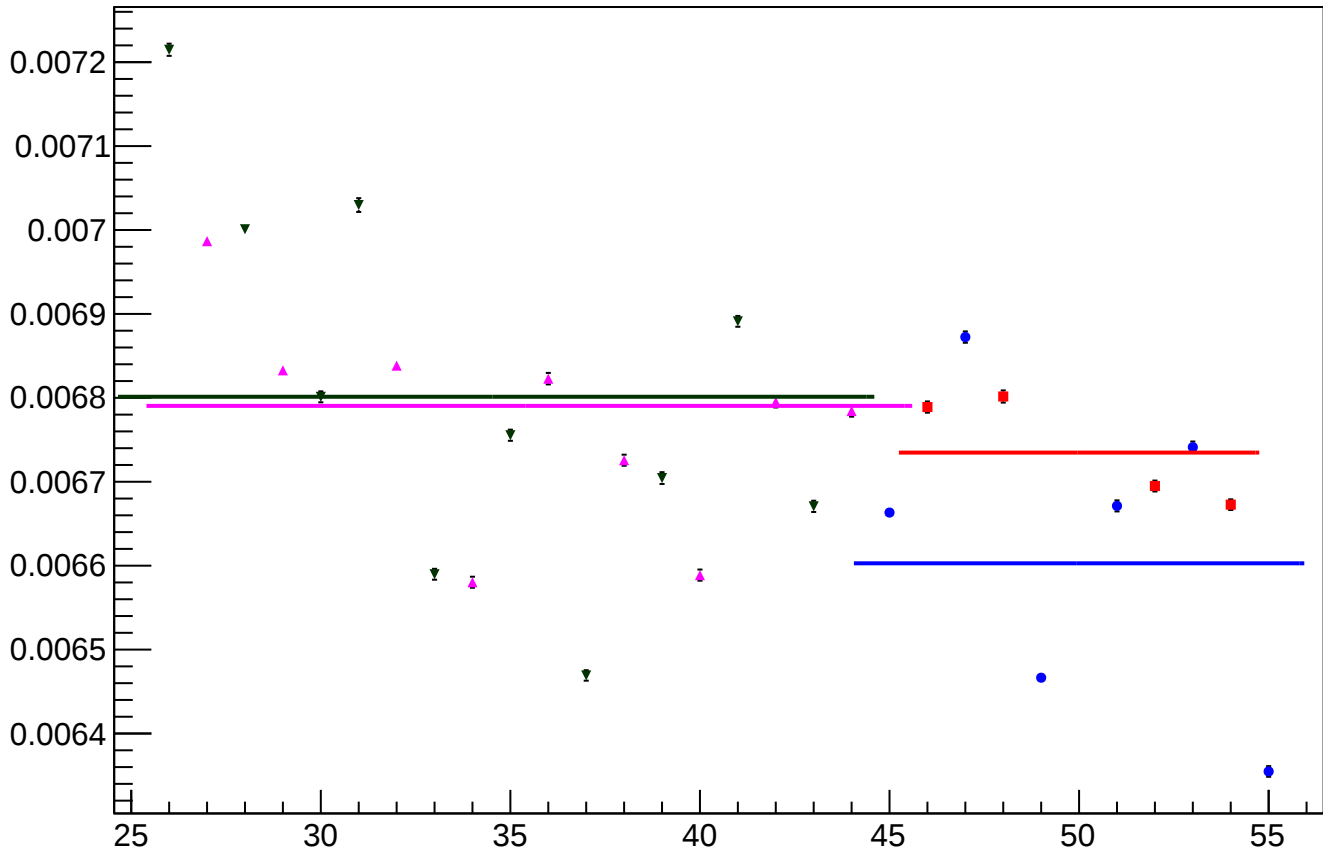
400.566+/-0.000 χ^2/NDF : 47987817454.7/15

Right Out: 400.500+/-0.000 χ^2/NDF : 2266894.0/3

400.442+/-0.000 χ^2/NDF : 703898001.2/12

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

yield_cav4bQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 4567.9/5

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:9934.2/9

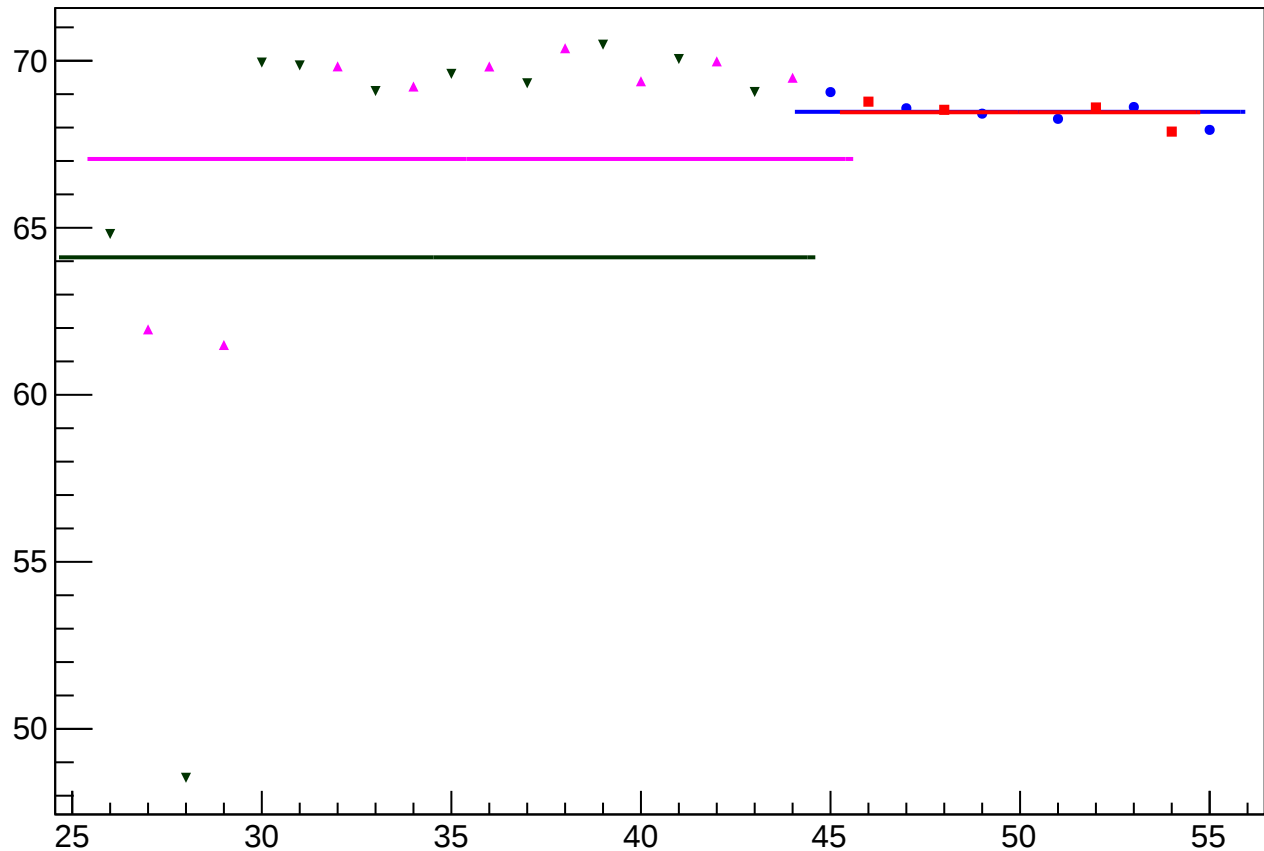
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 282.9/3

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3569.0/8

0.007 $\pm$ 0.000 χ^2 /NDF: 18244.7/15

0.007 $\pm$ 0.000 χ^2 /NDF: 4055.2/12

yield_cav4cQ_mean vs slug



Right In: 68.472+/-0.000 χ^2/NDF : 6013378.1/5

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

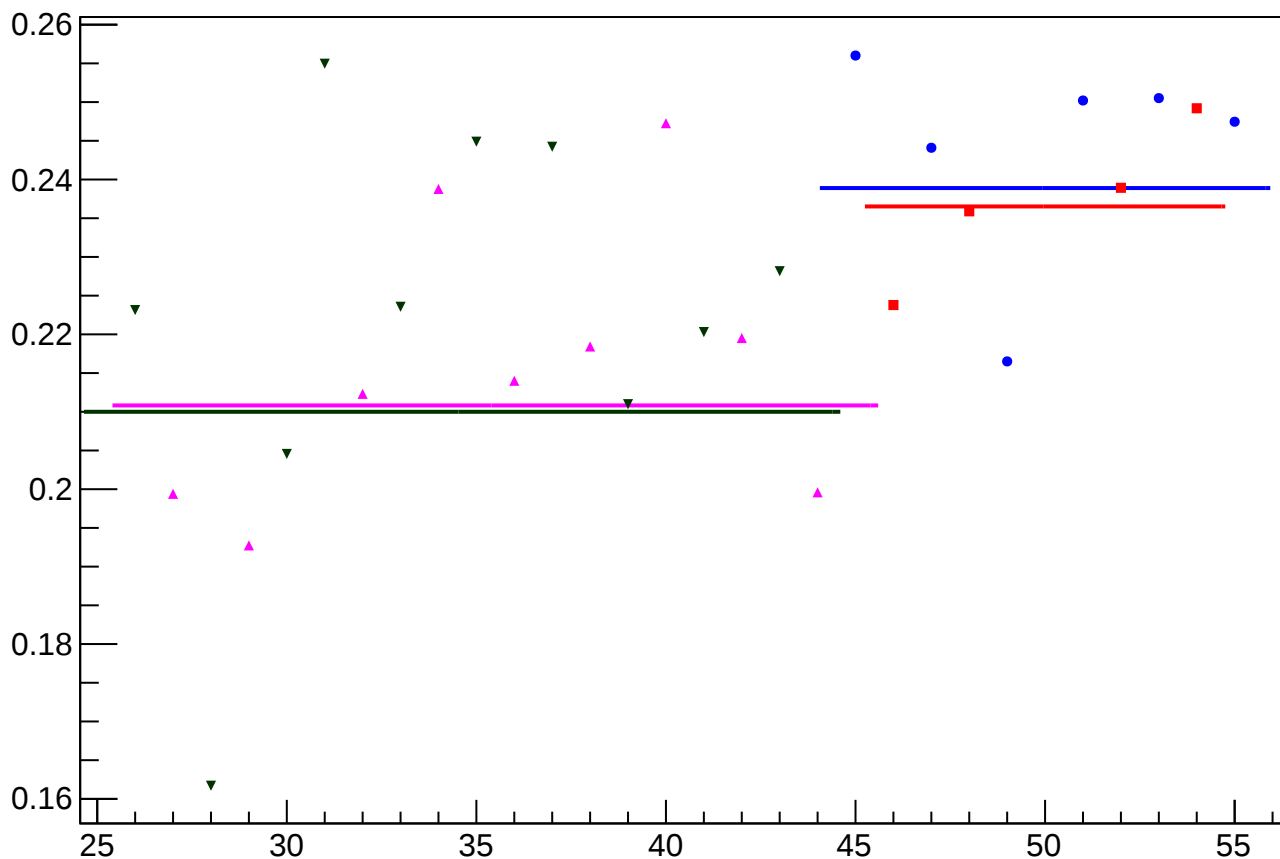
65.674+/-0.000 χ^2/NDF : 9248381727.2/15

Right Out: 68.458+/-0.000 χ^2/NDF : 3934433.2/3

67.377+/-0.000 χ^2/NDF : 1707413908.2/12

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

yield_cav4cQ_rms vs slug



Right In: 0.239+/-0.000 χ^2/NDF : 29991.4/5

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

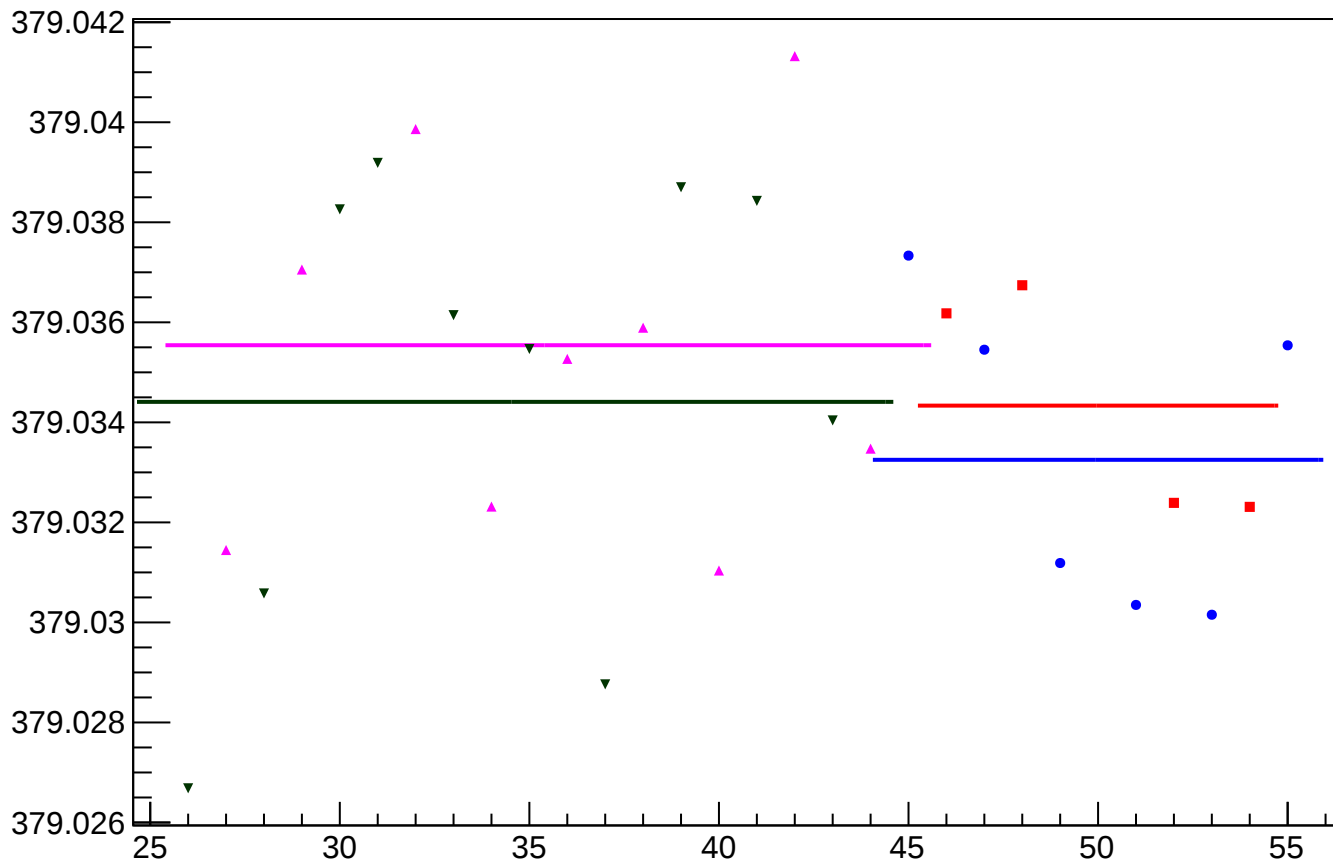
Right Out: 0.237+/-0.000 χ^2/NDF : 5836.7/3

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

0.220+/-0.000 χ^2/NDF : 288708.6/15

0.217+/-0.000 χ^2/NDF : 95400.7/12

yield_cav4dQ_mean vs slug



Right In: 379.033+/-0.000 χ^2/NDF : 591682.3/5

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

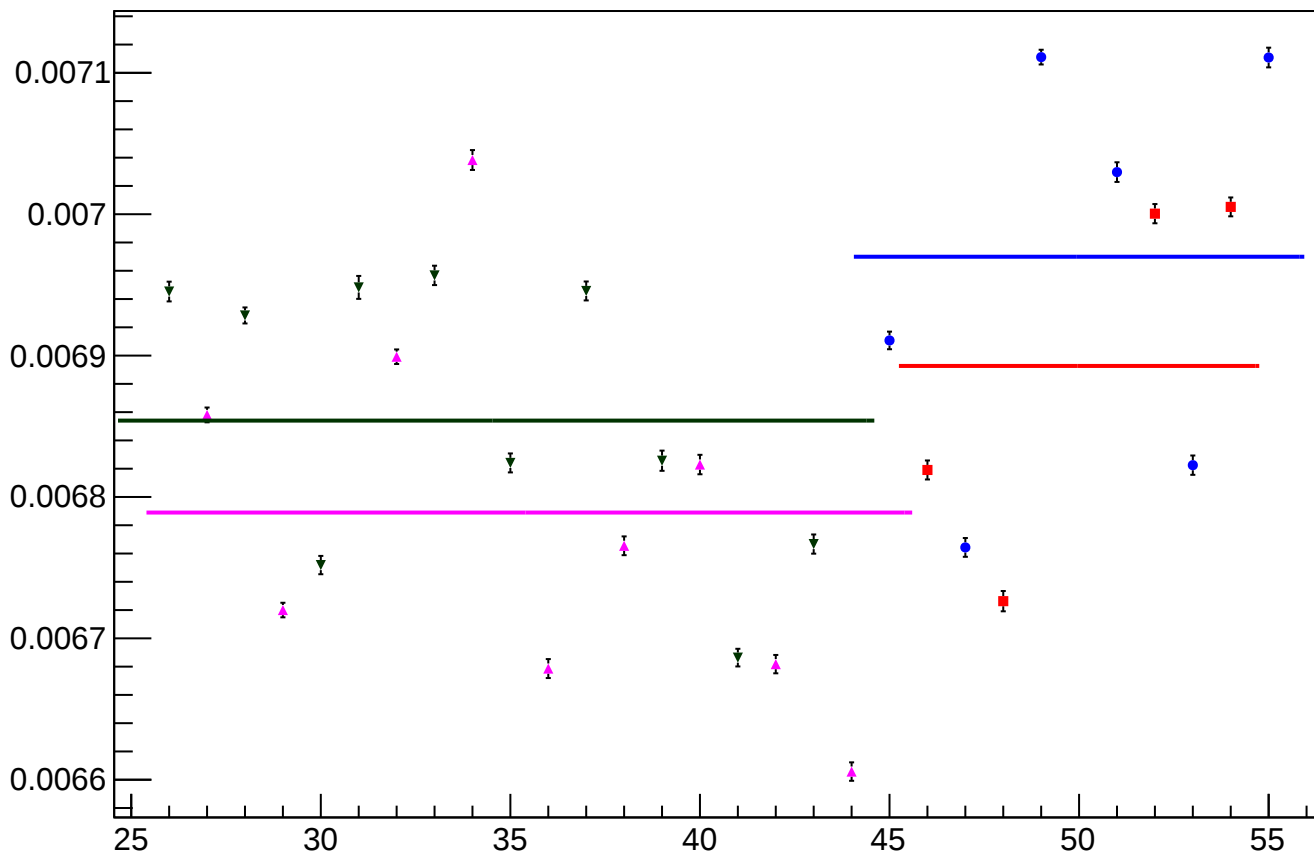
Right Out: 379.034+/-0.000 χ^2/NDF : 180734.5/3

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

379.034+/-0.000 χ^2/NDF : 2631453.6/15

379.035+/-0.000 χ^2/NDF : 1696085.5/12

yield_cav4dQ_rms vs slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 2729.7/5

Left Out: 0.007 $\pm$ 0.000 χ^2 /NDF:2061.8/9

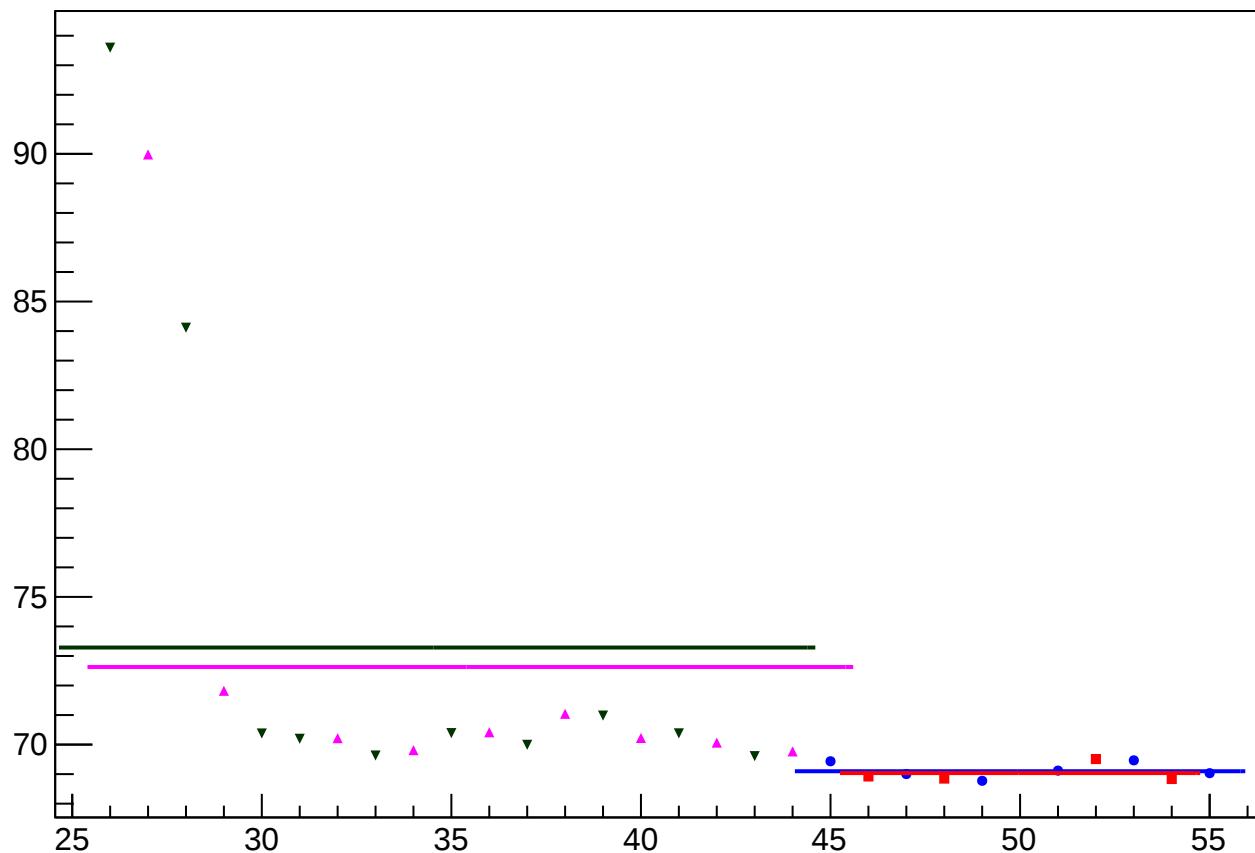
Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 1192.1/3

Left In: 0.007 $\pm$ 0.000 χ^2 /NDF:3438.6/8

0.007 $\pm$ 0.000 χ^2 /NDF: 5987.2/15

0.007 $\pm$ 0.000 χ^2 /NDF: 5313.1/12

yield_bcm0l02_mean vs slug



Right In: 69.098+/-0.000 χ^2/NDF : 3113923.0/5

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

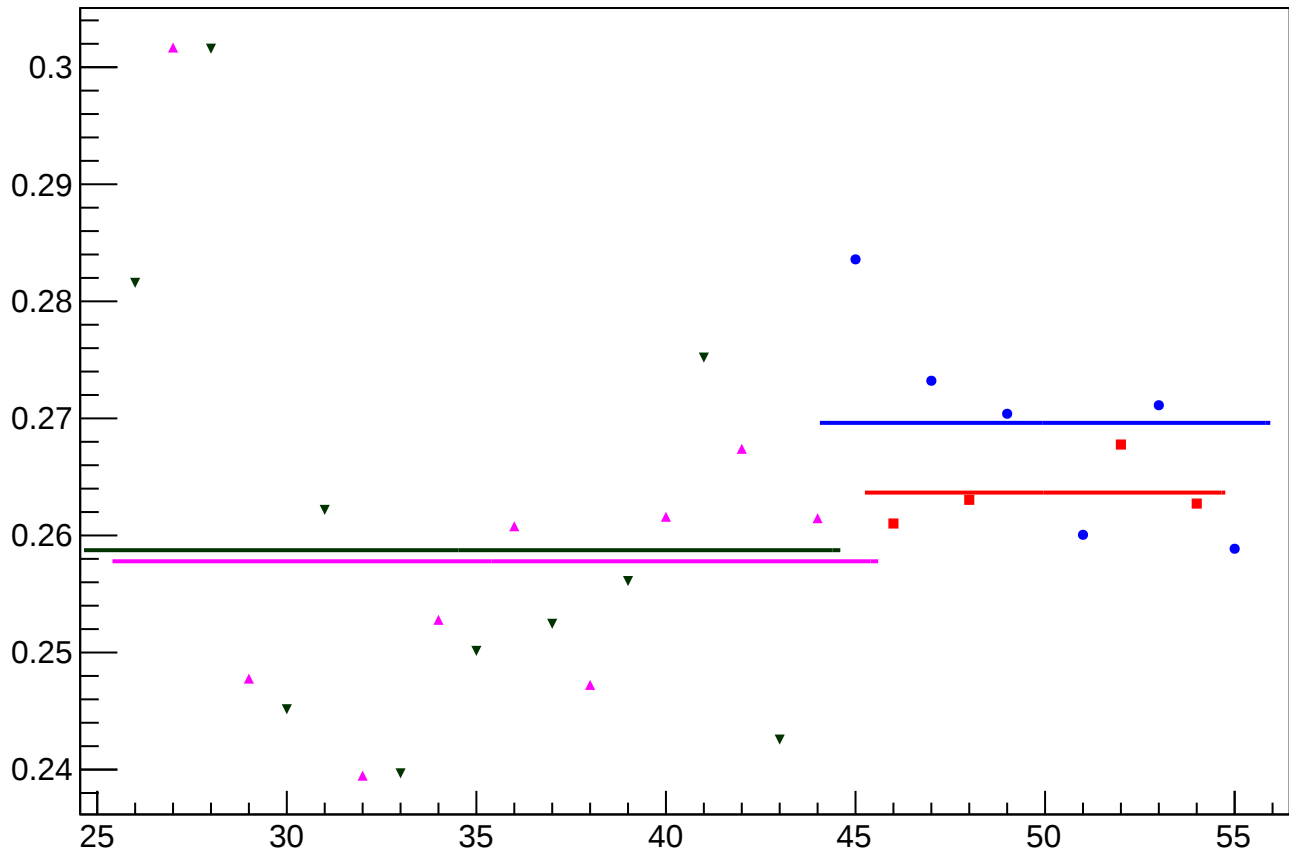
Right Out: 69.035+/-0.000 χ^2/NDF : 2208512.8/3

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

71.621+/-0.000 χ^2/NDF : 4223623074.8/15

71.699+/-0.000 χ^2/NDF : 3194719910.8/12

yield_bcm0l02_rms vs slug



Right In: 0.270 ± 0.000 χ^2/NDF : 6080.5/5

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

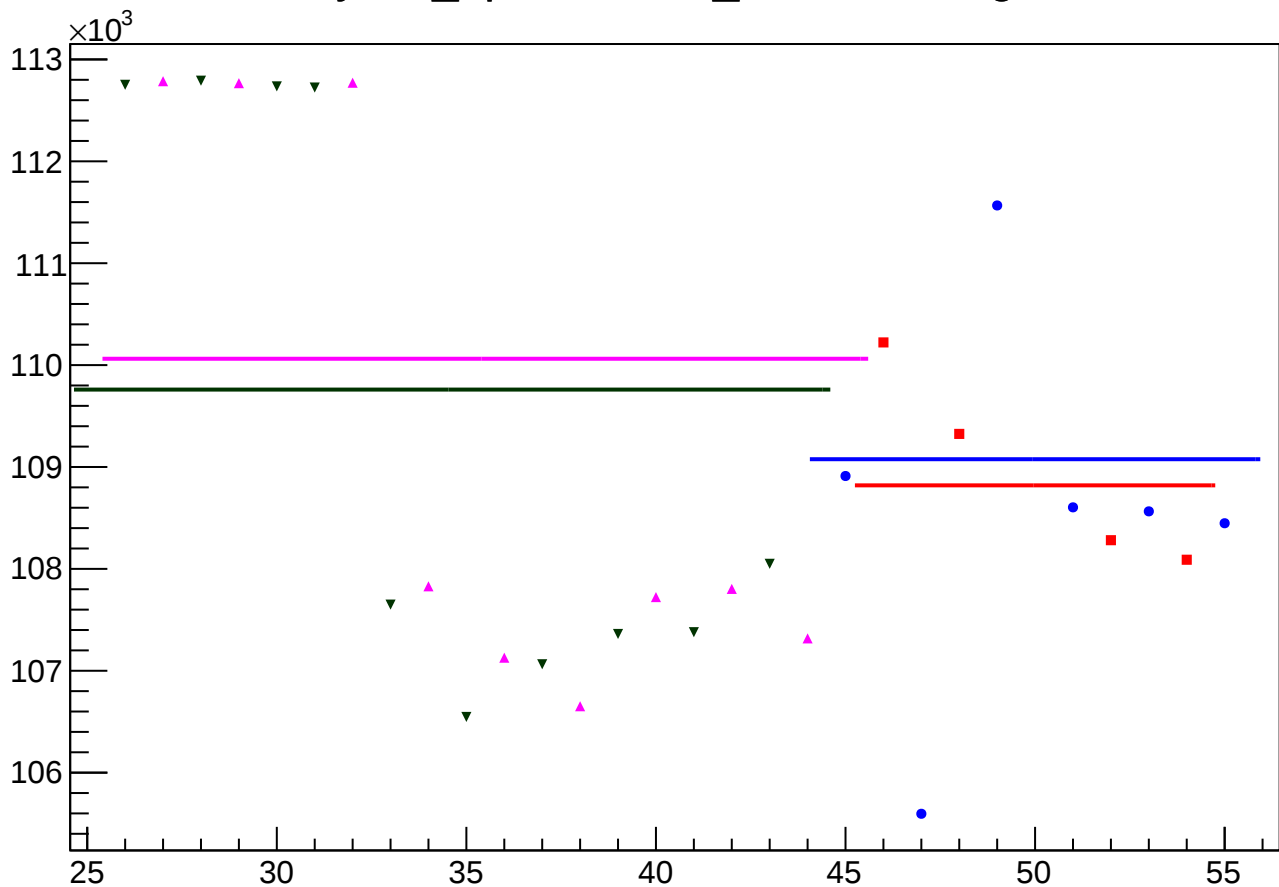
Right Out: 0.264 ± 0.000 χ^2/NDF : 356.9/3

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

0.263 ± 0.000 χ^2/NDF : 61209.8/15

0.259 ± 0.000 χ^2/NDF : 50987.5/12

yield_bpm2i01WS_mean vs slug



Right In: 109076.351 $\pm$ 0.072 χ^2 /NDF: 662506883.0/5

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

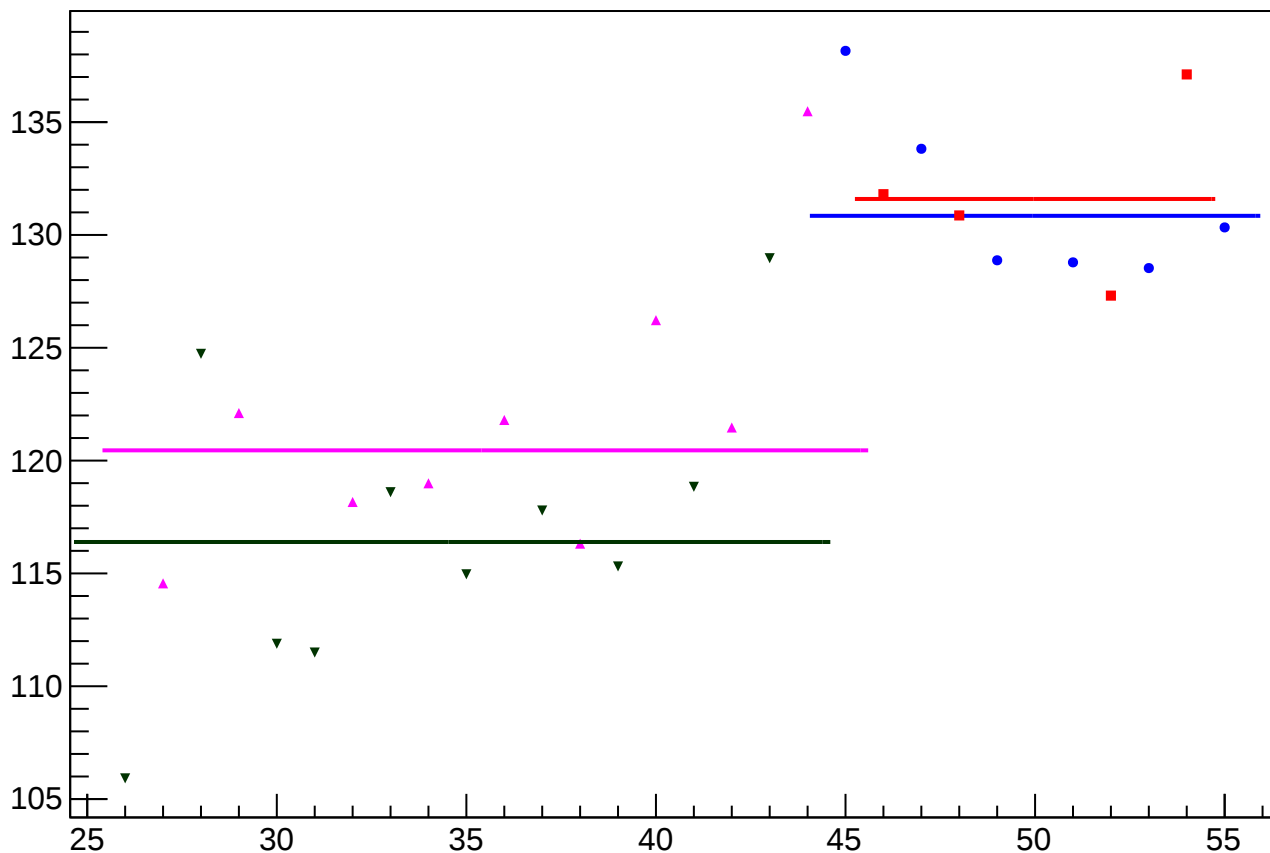
Right Out: 108819.768 $\pm$ 0.098 χ^2 /NDF: 66431252.4/3

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

109513.572 $\pm$ 0.043 χ^2 /NDF: 3308424946.8/15

109780.516 $\pm$ 0.047 χ^2 /NDF: 2779690694.2/12

yield_bpm2i01WS_rms vs slug



Right In: 130.848 $\pm$ 0.051 χ^2 /NDF: 4140.0/5

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

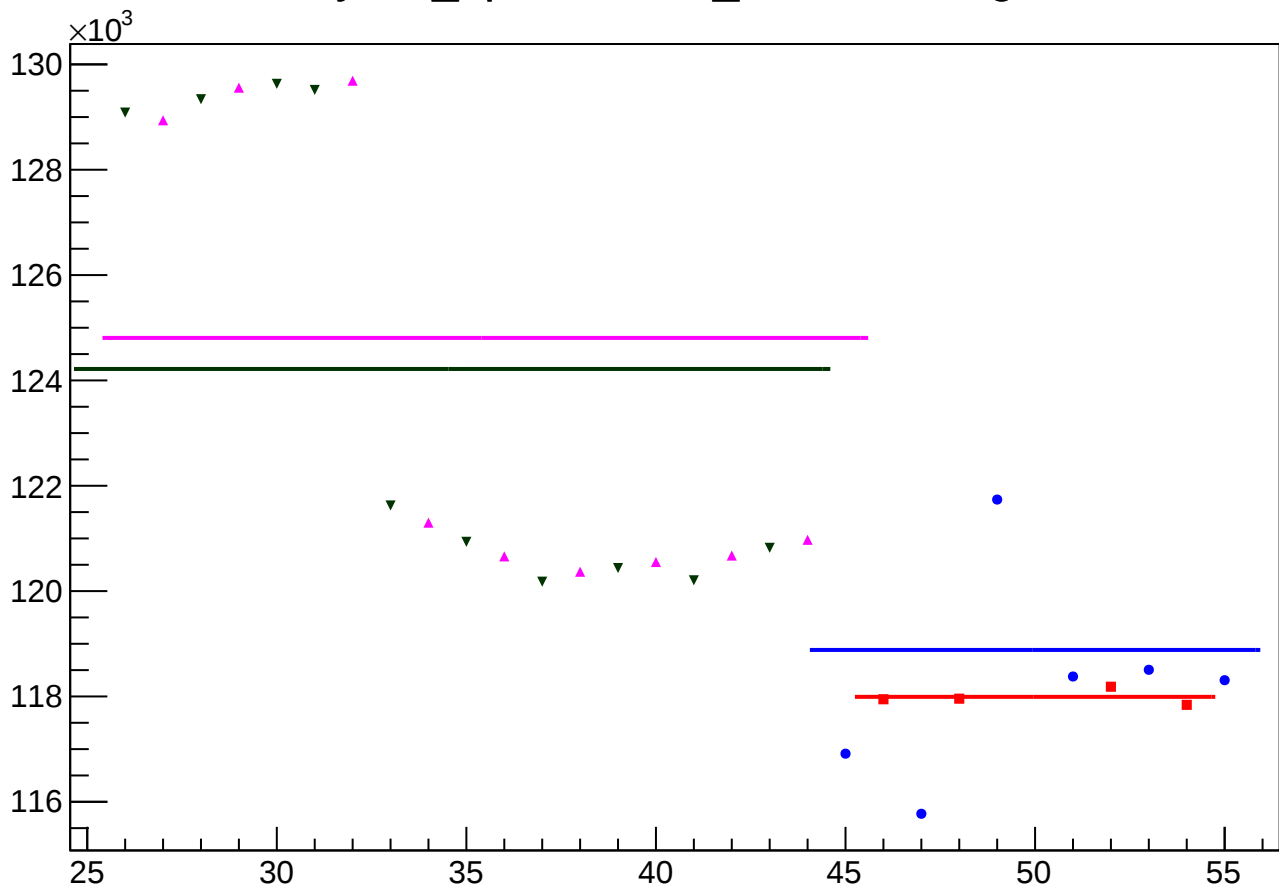
Right Out: 131.595 $\pm$ 0.070 χ^2 /NDF: 2926.9/3

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

121.600 $\pm$ 0.030 χ^2 /NDF: 83587.9/15

122.980 $\pm$ 0.033 χ^2 /NDF: 41869.2/12

yield_bpm0i07WS_mean vs slug



Right In: 118883.094 $\pm$ 0.109 χ^2 /NDF: 333612930.1/5

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

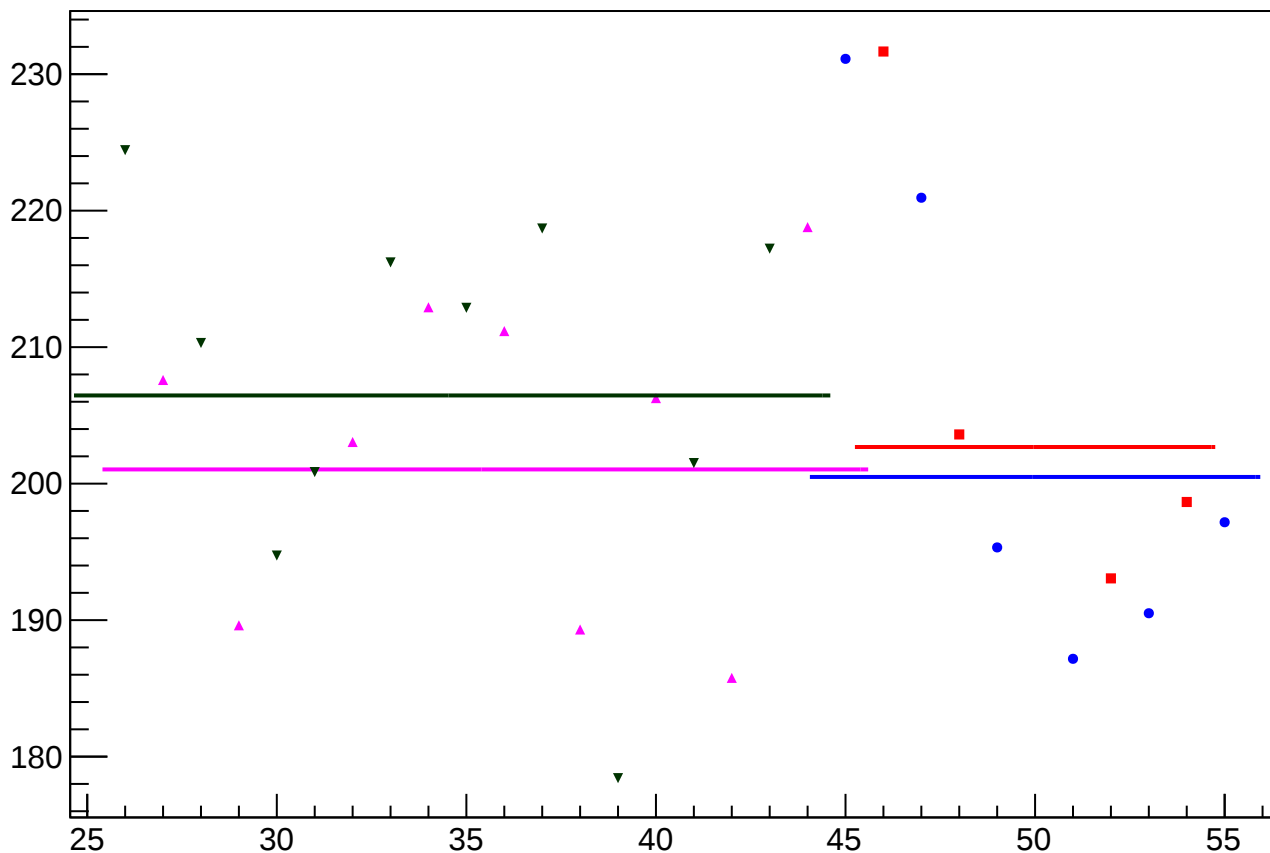
Right Out: 117992.606 $\pm$ 0.150 χ^2 /NDF: 866347.2/3

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

122002.703 $\pm$ 0.070 χ^2 /NDF: 3968107694.7/15

123149.302 $\pm$ 0.074 χ^2 /NDF: 4173149607.6/12

yield_bpm0i07WS_rms vs slug



Right In: 200.490 $\pm$ 0.077 χ^2 /NDF: 36242.0/5

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

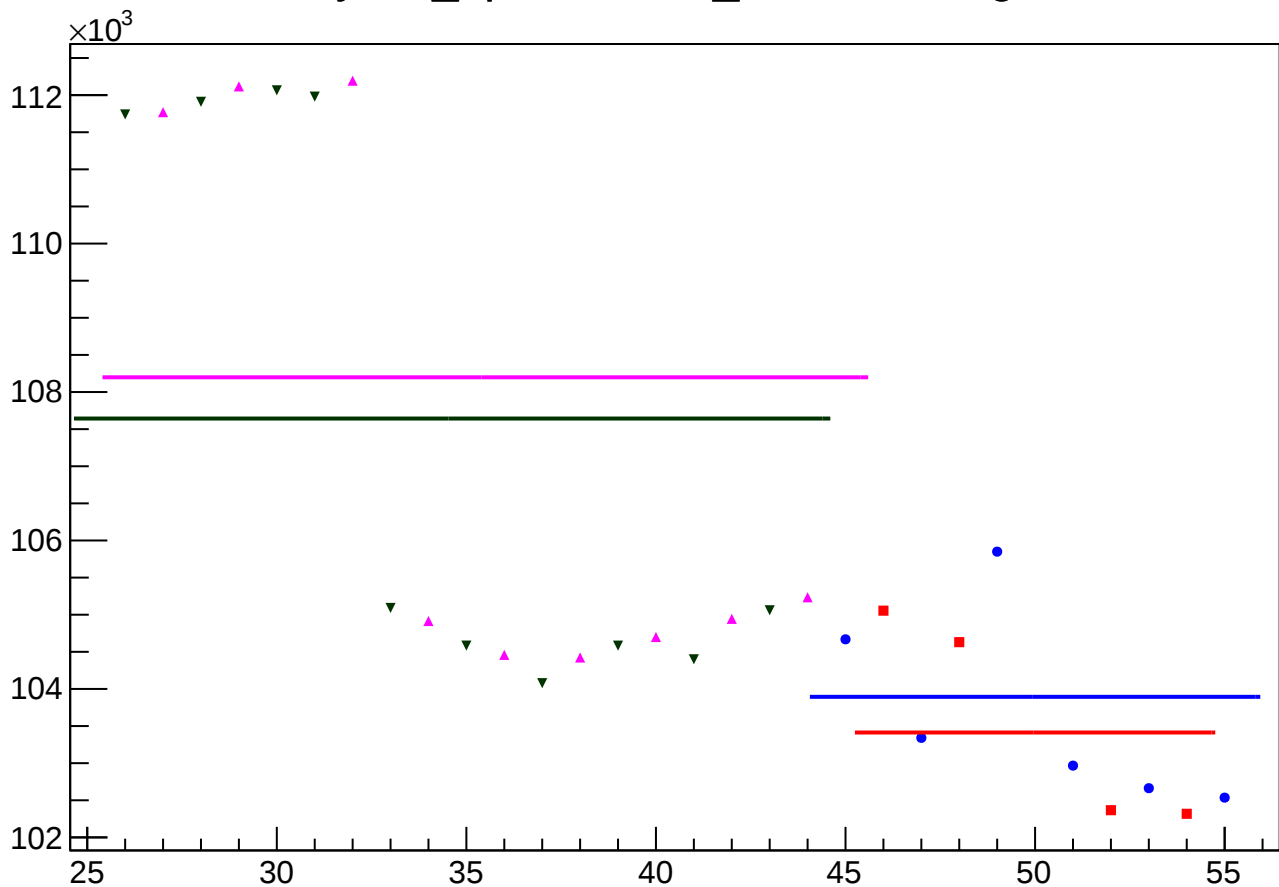
Right Out: 202.684 $\pm$ 0.106 χ^2 /NDF: 13674.4/3

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

203.982 $\pm$ 0.049 χ^2 /NDF: 81248.1/15

201.441 $\pm$ 0.052 χ^2 /NDF: 45458.3/12

yield_bpm0l01WS_mean vs slug



Right In: 103893.731 $\pm$ 0.071 χ^2 /NDF: 355293629.0/5

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

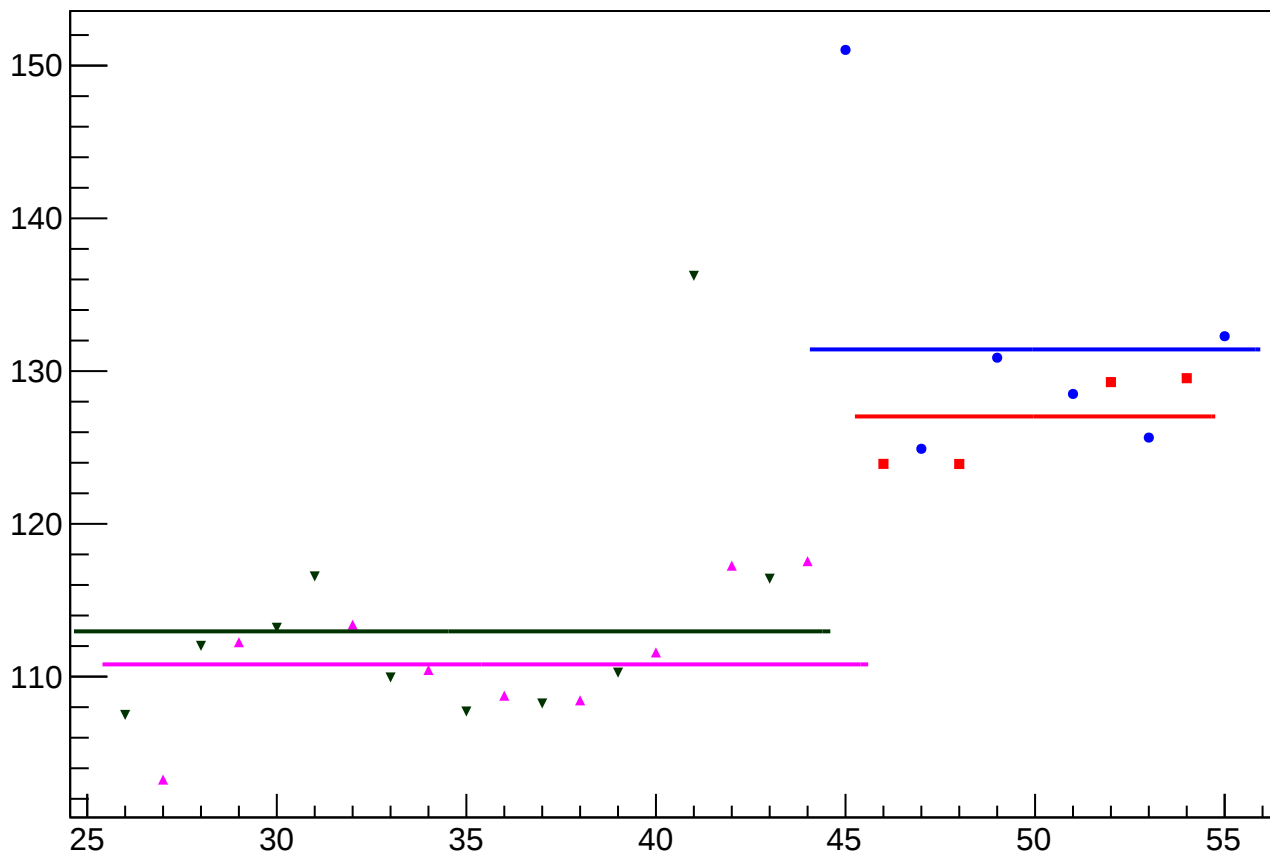
Right Out: 103413.147 $\pm$ 0.094 χ^2 /NDF: 171062582.2/3

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

106400.037 $\pm$ 0.041 χ^2 /NDF: 7352572548.7/15

107249.117 $\pm$ 0.042 χ^2 /NDF: 8227610261.3/12

yield_bpm0l01WS_rms vs slug



Right In: 131.420 ± 0.050 χ^2/NDF : 23042.9/5

Left Out: 112.963 ± 0.036 χ^2/NDF : 43064.1/9

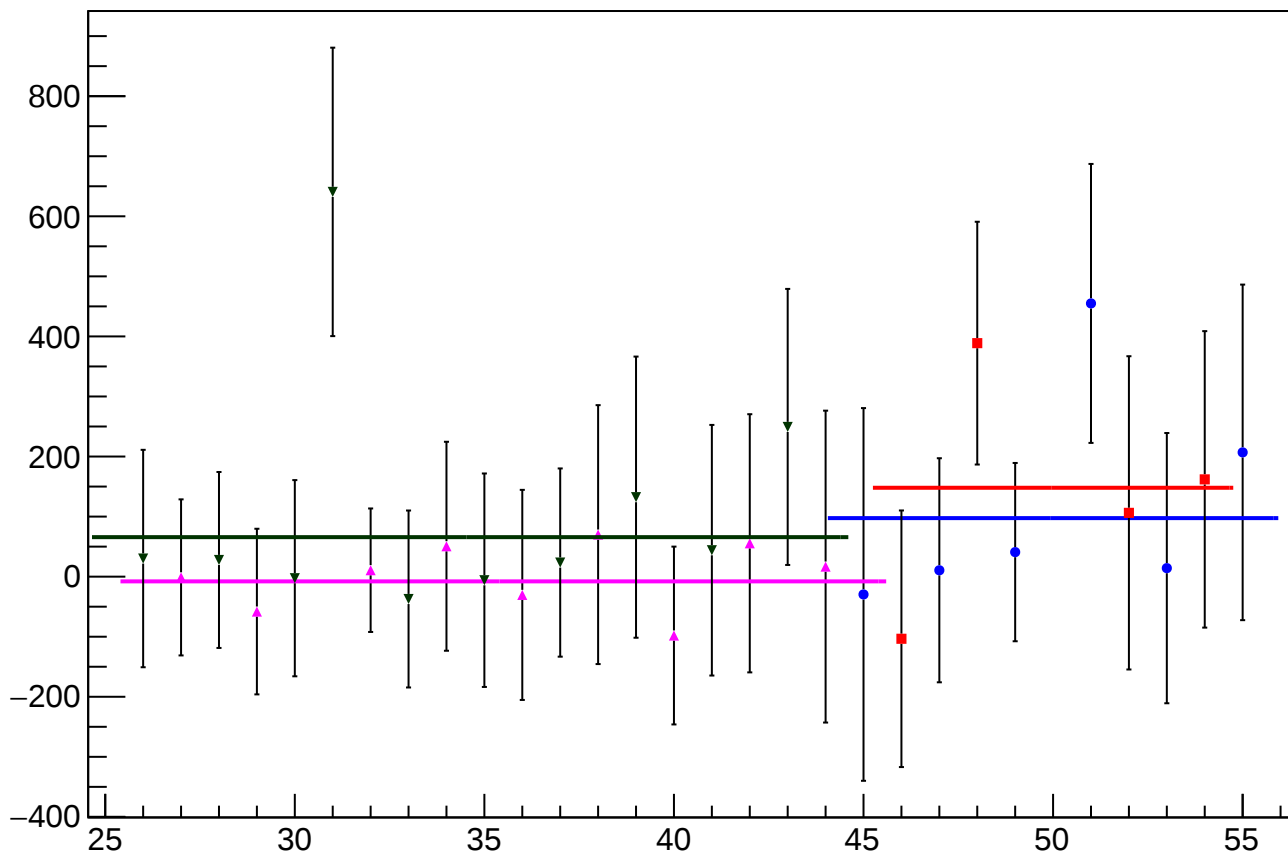
Right Out: 127.032 ± 0.067 χ^2/NDF : 1666.2/3

Left In: 110.801 ± 0.033 χ^2/NDF : 17507.6/8

119.081 ± 0.029 χ^2/NDF : 155611.0/15

114.021 ± 0.030 χ^2/NDF : 66722.9/12

asym_bcm_an_ds_mean vs slug



Right In: 97.470+/-85.868 χ^2/NDF : 3.2/5

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

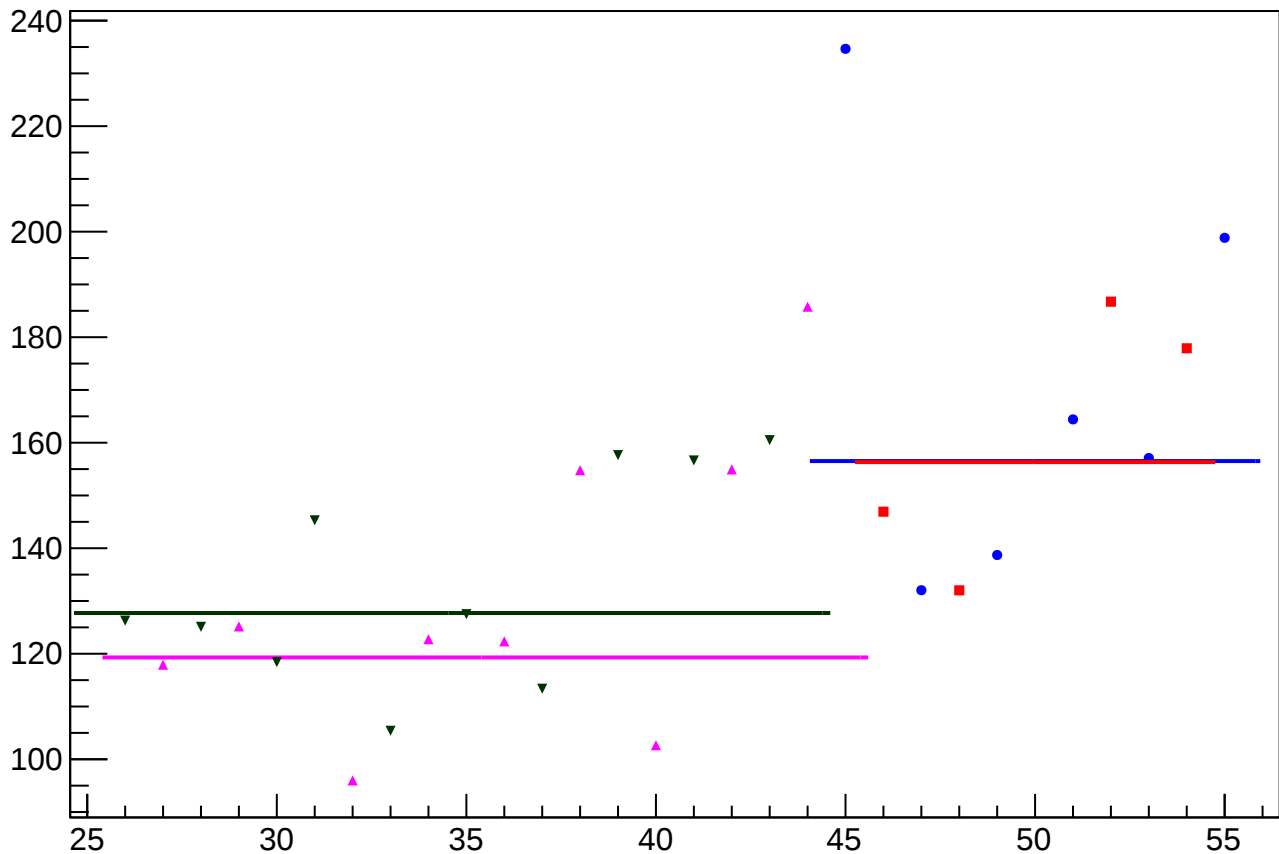
Right Out: 148.007+/-113.582 χ^2/NDF : 2.8/3

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

75.412+/-47.341 χ^2/NDF : 10.7/15

18.791+/-46.968 χ^2/NDF : 5.3/12

asym_bcm_an_ds_rms vs slug



Right In: 156.520 ± 0.061 χ^2/NDF : 238262.0/5

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

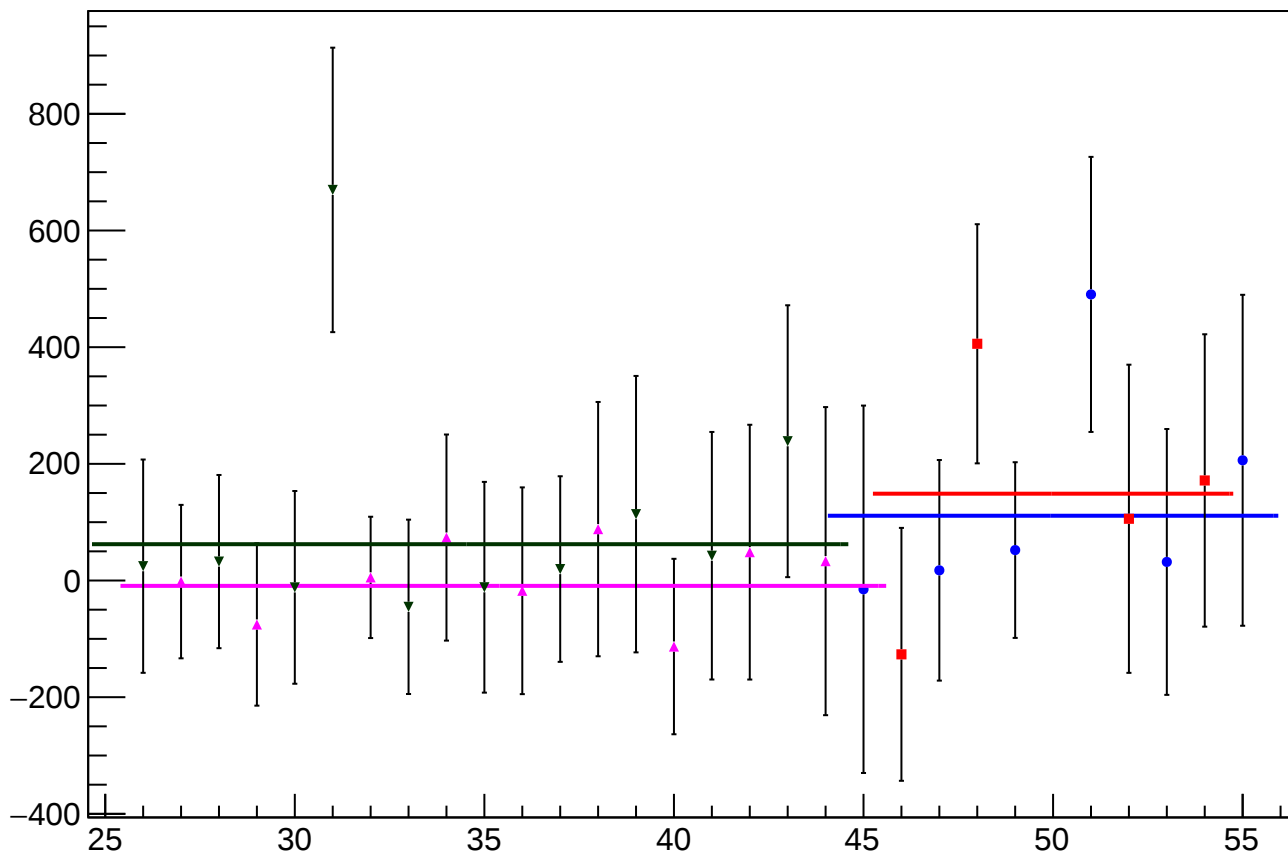
Right Out: 156.326 ± 0.080 χ^2/NDF : 75259.1/3

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

136.475 ± 0.033 χ^2/NDF : 587260.8/15

125.629 ± 0.033 χ^2/NDF : 625148.8/12

asym_bcm_an_ds3_mean vs slug



Right In: 111.047 $\pm$ 87.095 χ^2 /NDF: 3.4/5

Left Out: 62.264 $\pm$ 57.532 χ^2 /NDF:7.9/9

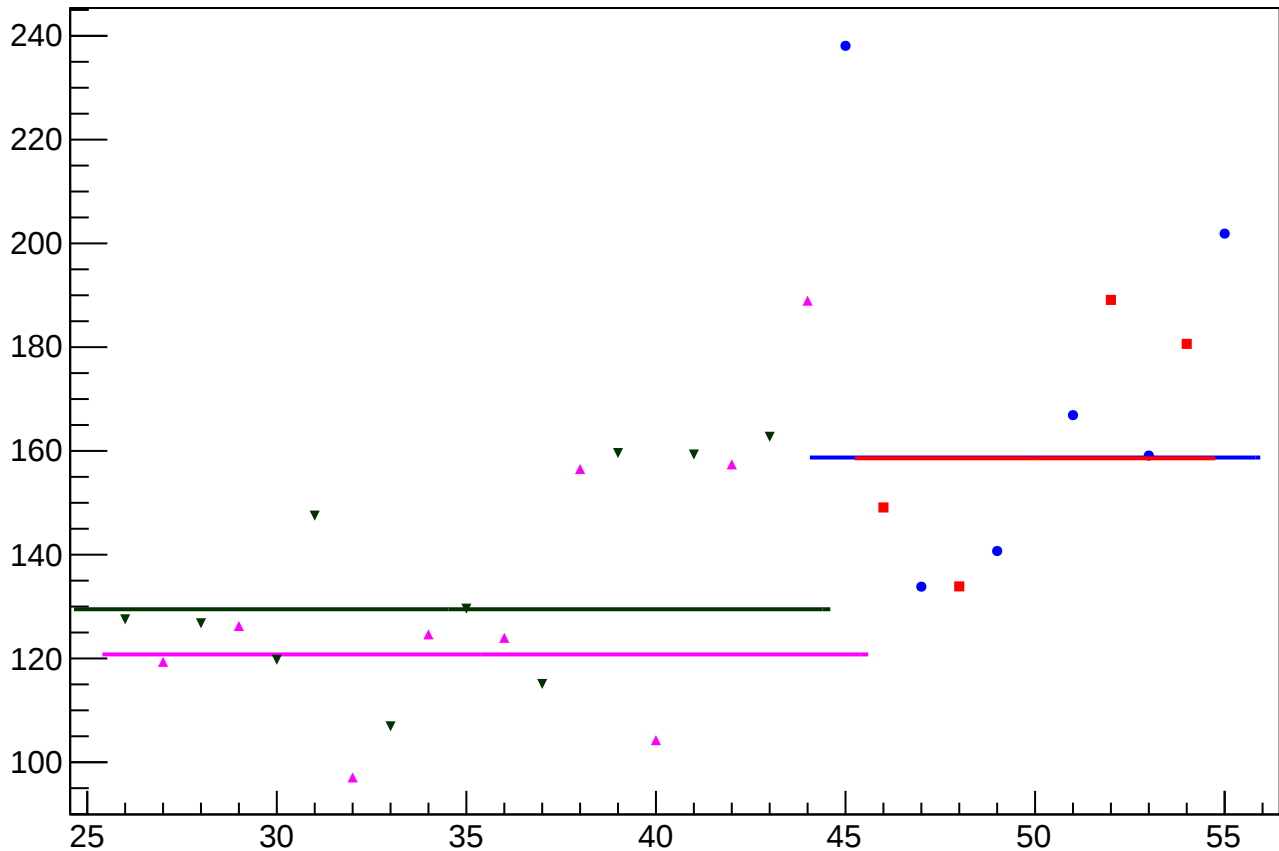
Right Out: 148.847 $\pm$ 115.214 χ^2 /NDF: 3.2/3

Left In: -9.165 $\pm$ 52.241 χ^2 /NDF:1.2/8

77.084 $\pm$ 48.004 χ^2 /NDF: 11.5/15

17.781 $\pm$ 47.578 χ^2 /NDF: 6.0/12

asym_bcm_an_ds3_rms vs slug



Right In: 158.727 $\pm$ 0.062 χ^2 /NDF: 238985.0/5

Left Out: 129.483 $\pm$ 0.041 χ^2 /NDF:193272.5/9

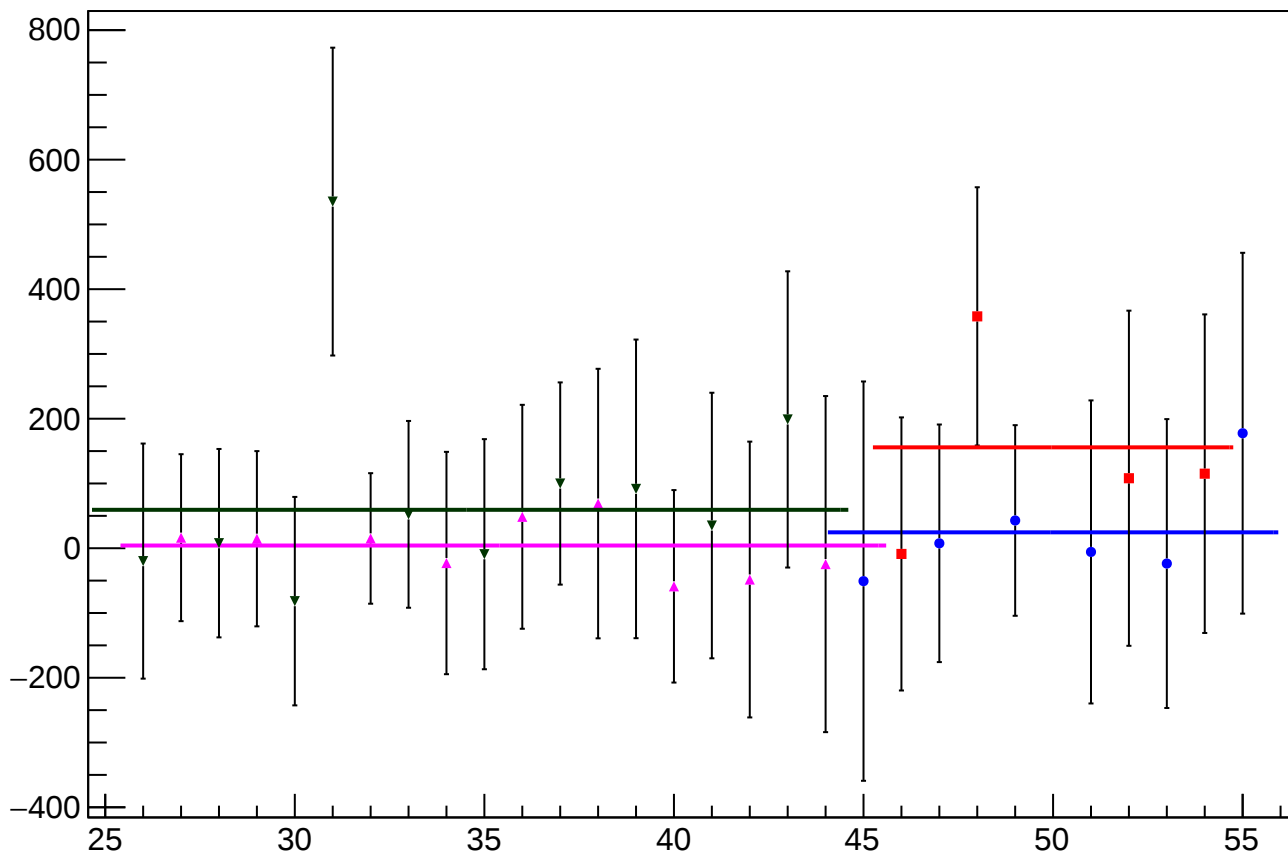
Right Out: 158.574 $\pm$ 0.081 χ^2 /NDF: 75032.1/3

Left In: 120.780 $\pm$ 0.037 χ^2 /NDF:376387.2/8

138.367 $\pm$ 0.034 χ^2 /NDF: 589241.8/15

127.225 $\pm$ 0.034 χ^2 /NDF: 629934.1/12

asym_bcm_an_us_mean vs slug



Right In: 24.540 $\pm$ 85.230 χ^2 /NDF: 0.4/5

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

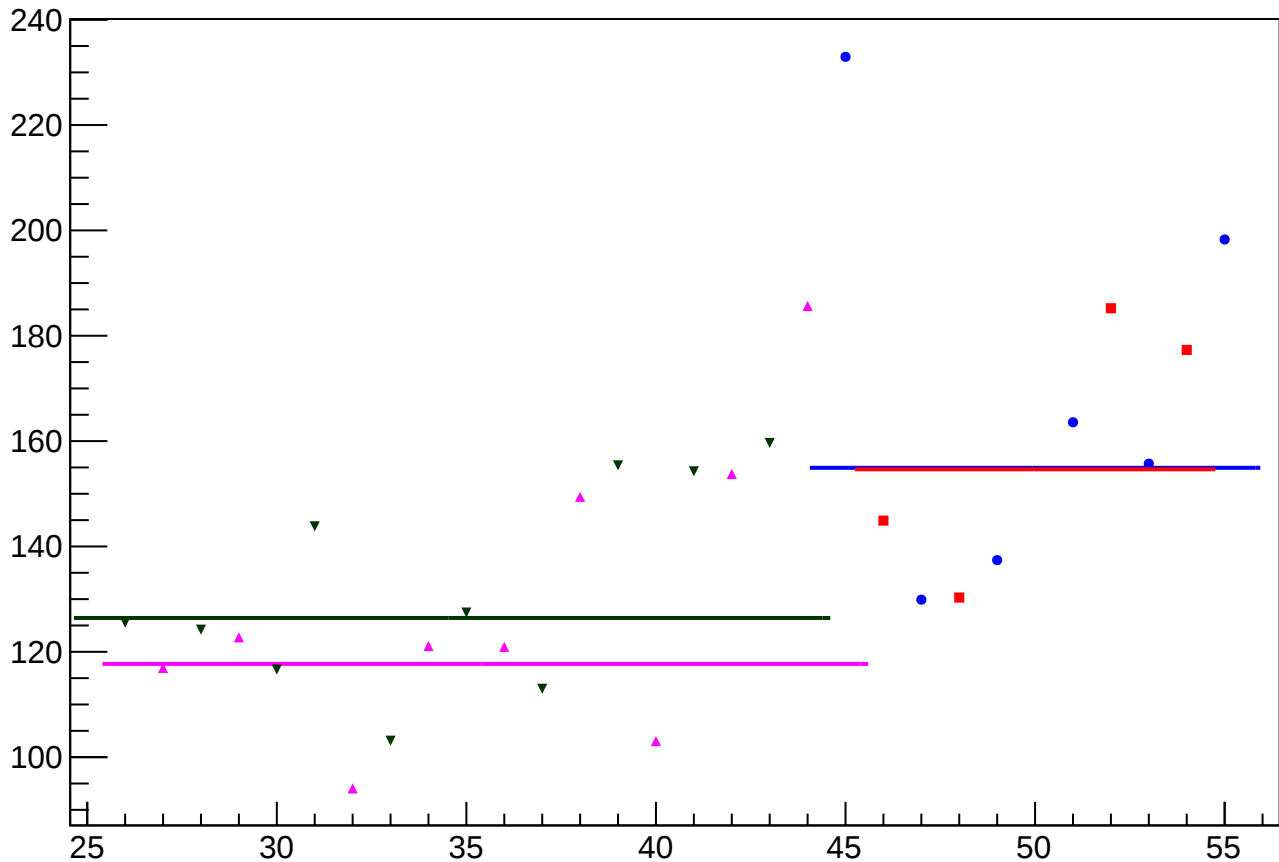
Right Out: 155.777 $\pm$ 112.427 χ^2 /NDF: 1.7/3

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

48.777 $\pm$ 46.928 χ^2 /NDF: 6.3/15

29.980 $\pm$ 46.371 χ^2 /NDF: 3.7/12

asym_bcm_an_us_rms vs slug



Right In: 154.933+/-0.060 χ^2/NDF : 244842.1/5

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

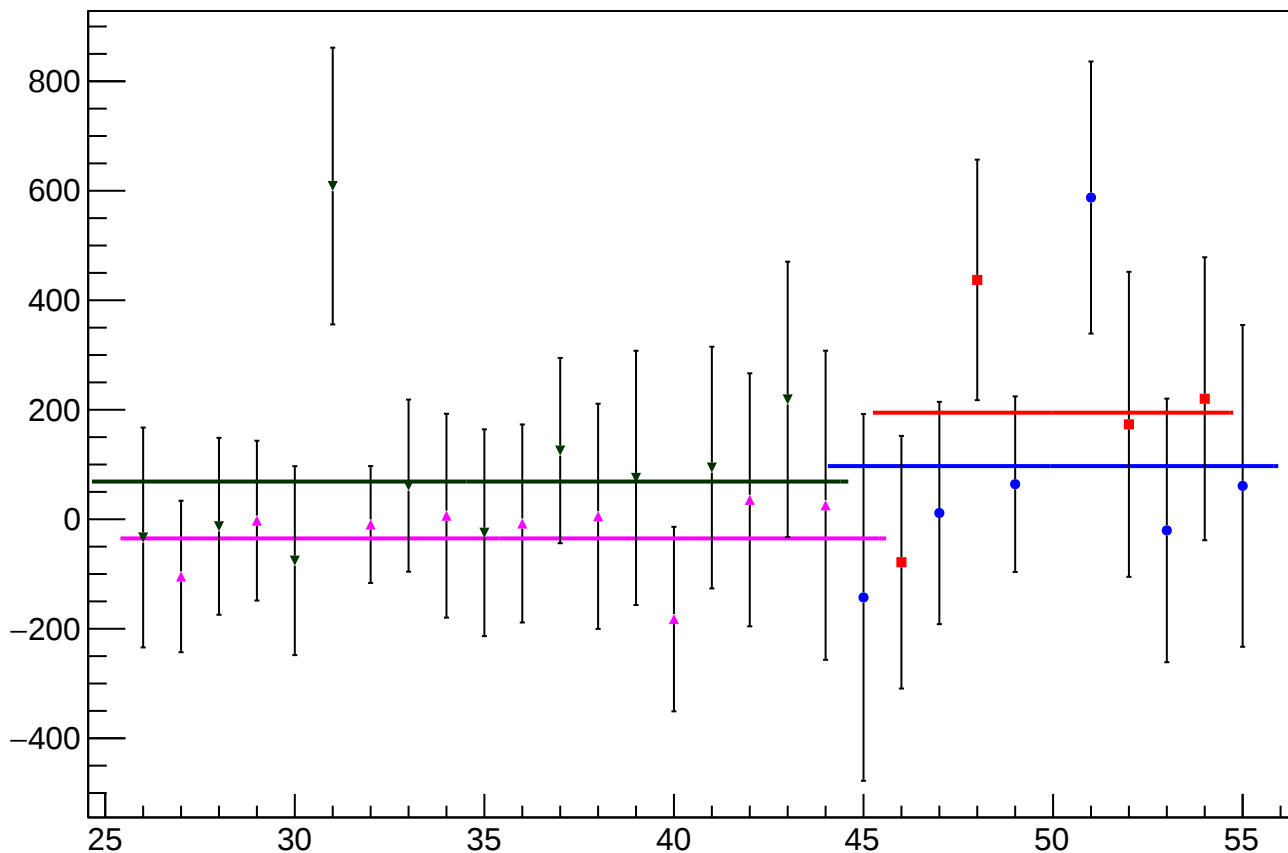
Right Out: 154.645+/-0.079 χ^2/NDF : 78998.1/3

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

135.069+/-0.033 χ^2/NDF : 597082.1/15

123.989+/-0.033 χ^2/NDF : 633025.5/12

asym_bcm_dg_us_mean vs slug



Right In: 97.114+/-92.420 χ^2/NDF : 4.9/5

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

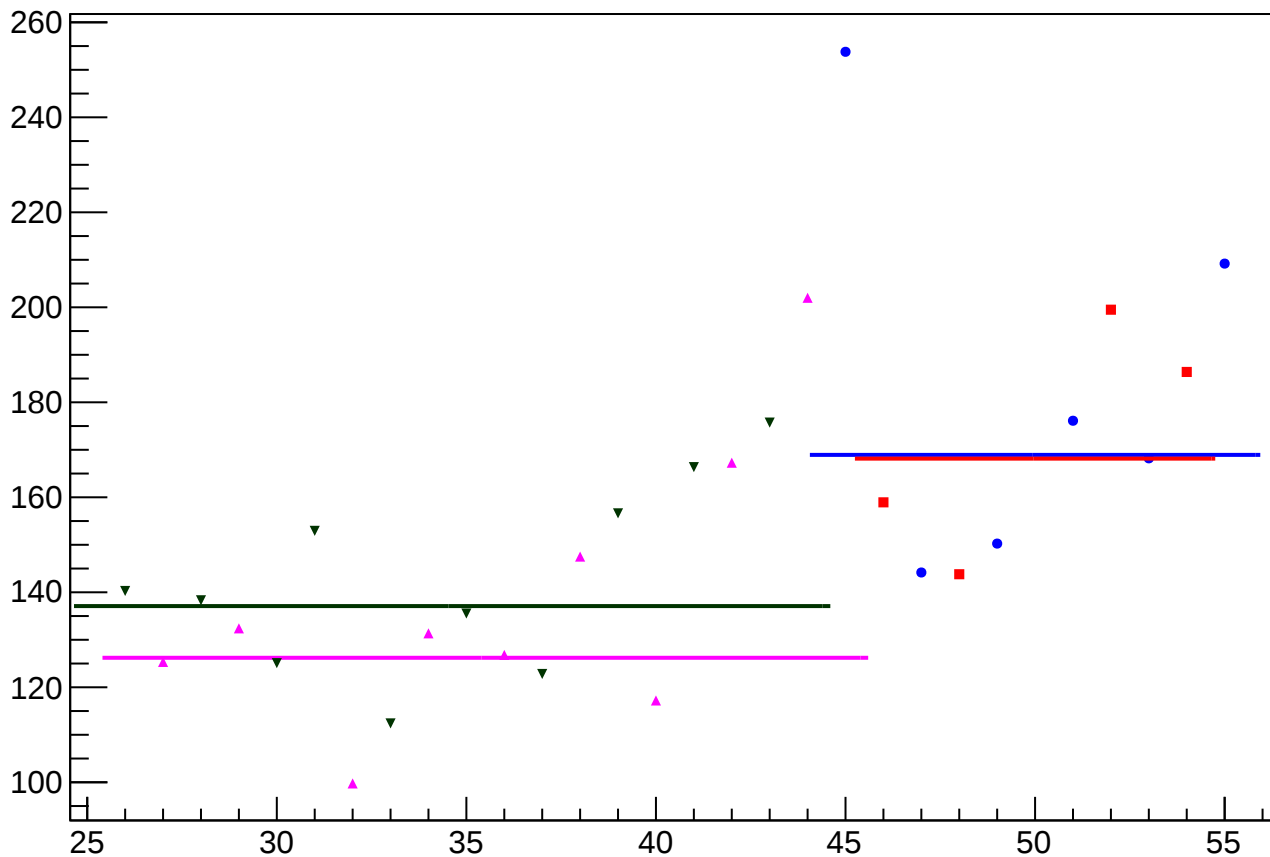
Right Out: 194.701+/-121.830 χ^2/NDF : 2.6/3

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

77.421+/-50.782 χ^2/NDF : 11.5/15

3.337+/-49.762 χ^2/NDF : 7.0/12

asym_bcm_dg_us_rms vs slug



Right In: 168.929+/-0.065 χ^2/NDF : 224510.0/5

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

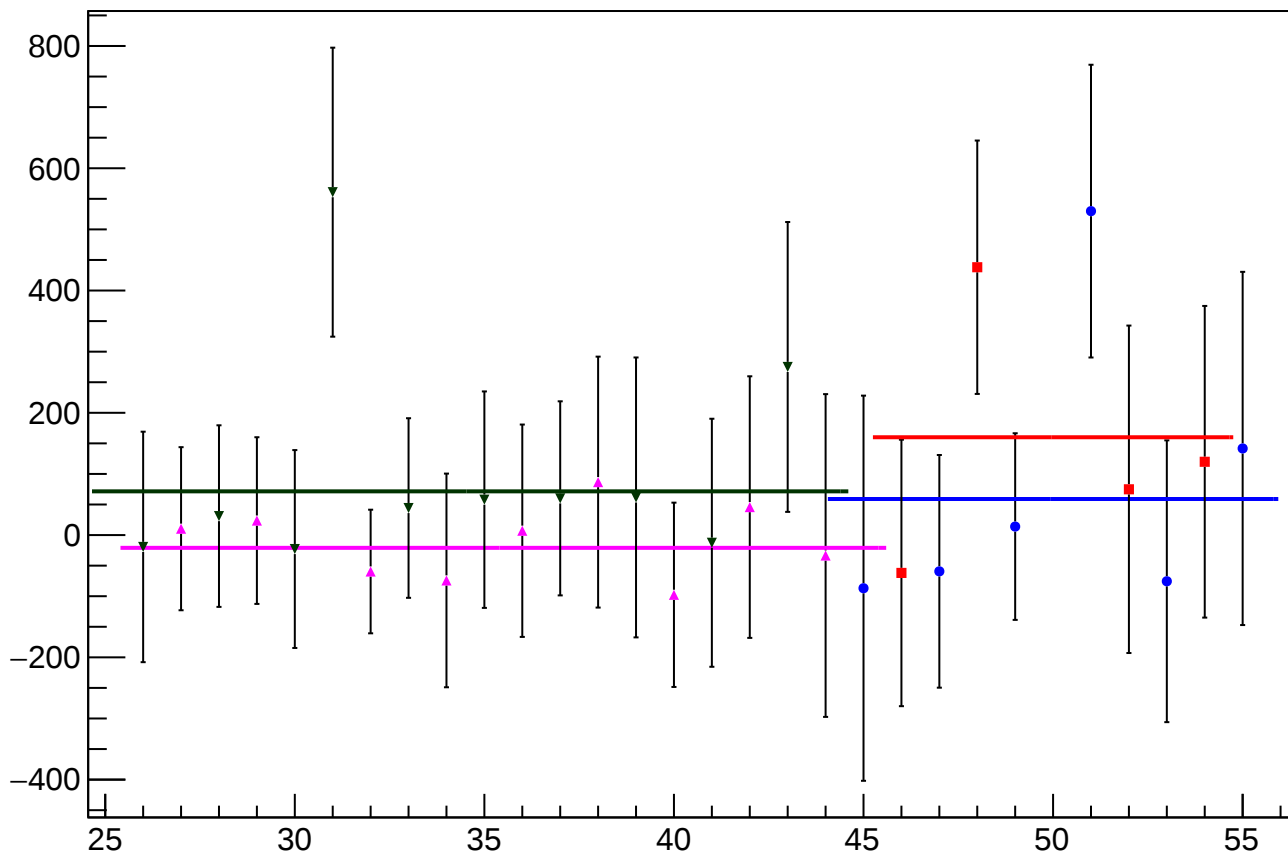
Right Out: 168.142+/-0.086 χ^2/NDF : 63052.9/3

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

146.706+/-0.036 χ^2/NDF : 568583.3/15

133.207+/-0.035 χ^2/NDF : 622938.9/12

asym_bcm_dg_ds_mean vs slug



Right In: 58.999 $\pm$ 88.090 χ^2 /NDF: 5.0/5

Left Out: 71.515 $\pm$ 56.917 χ^2 /NDF: 5.9/9

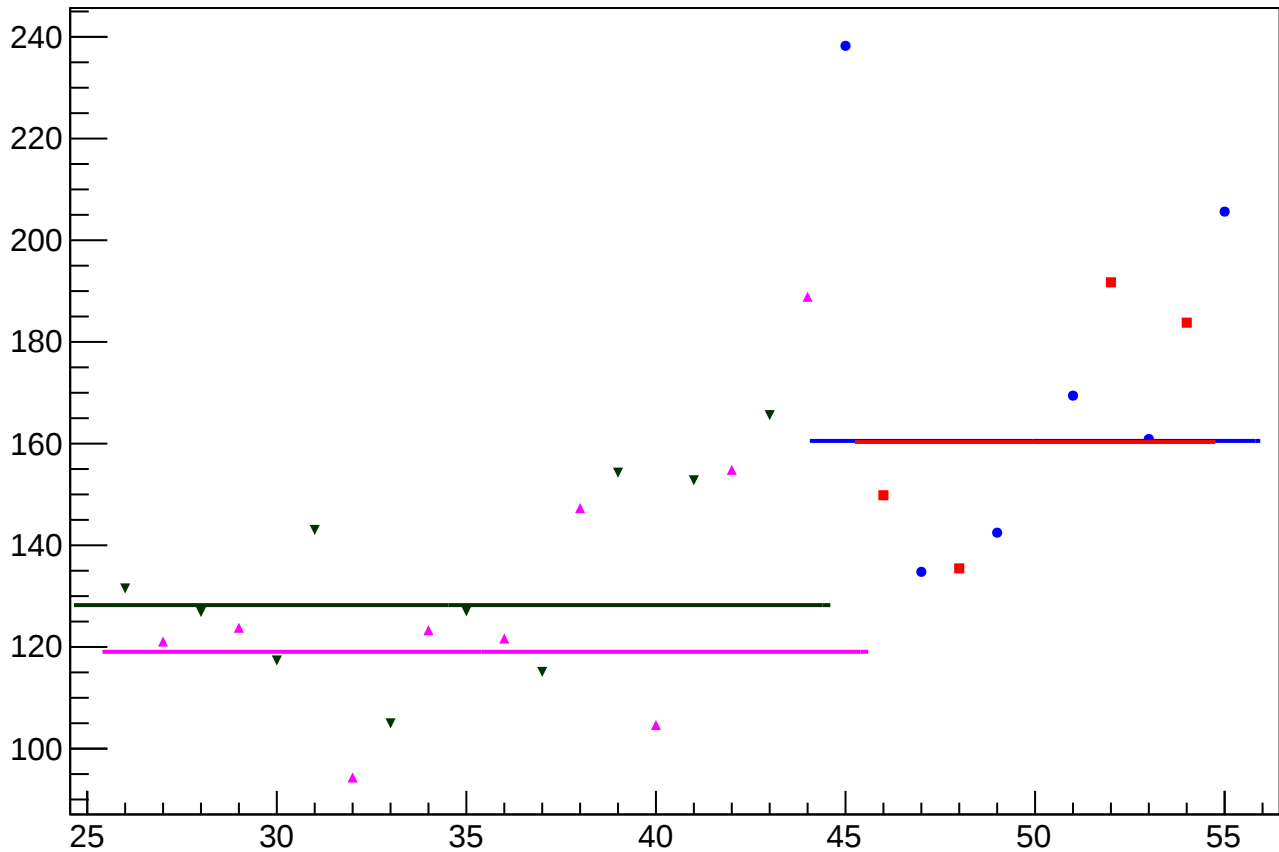
Right Out: 160.005 $\pm$ 116.509 χ^2 /NDF: 3.0/3

Left In: -20.882 $\pm$ 51.456 χ^2 /NDF: 1.1/8

67.828 $\pm$ 47.806 χ^2 /NDF: 10.9/15

8.642 $\pm$ 47.070 χ^2 /NDF: 6.0/12

asym_bcm_dg_ds_rms vs slug



Right In: 160.533 ± 0.062 χ^2/NDF : 237843.6/5

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

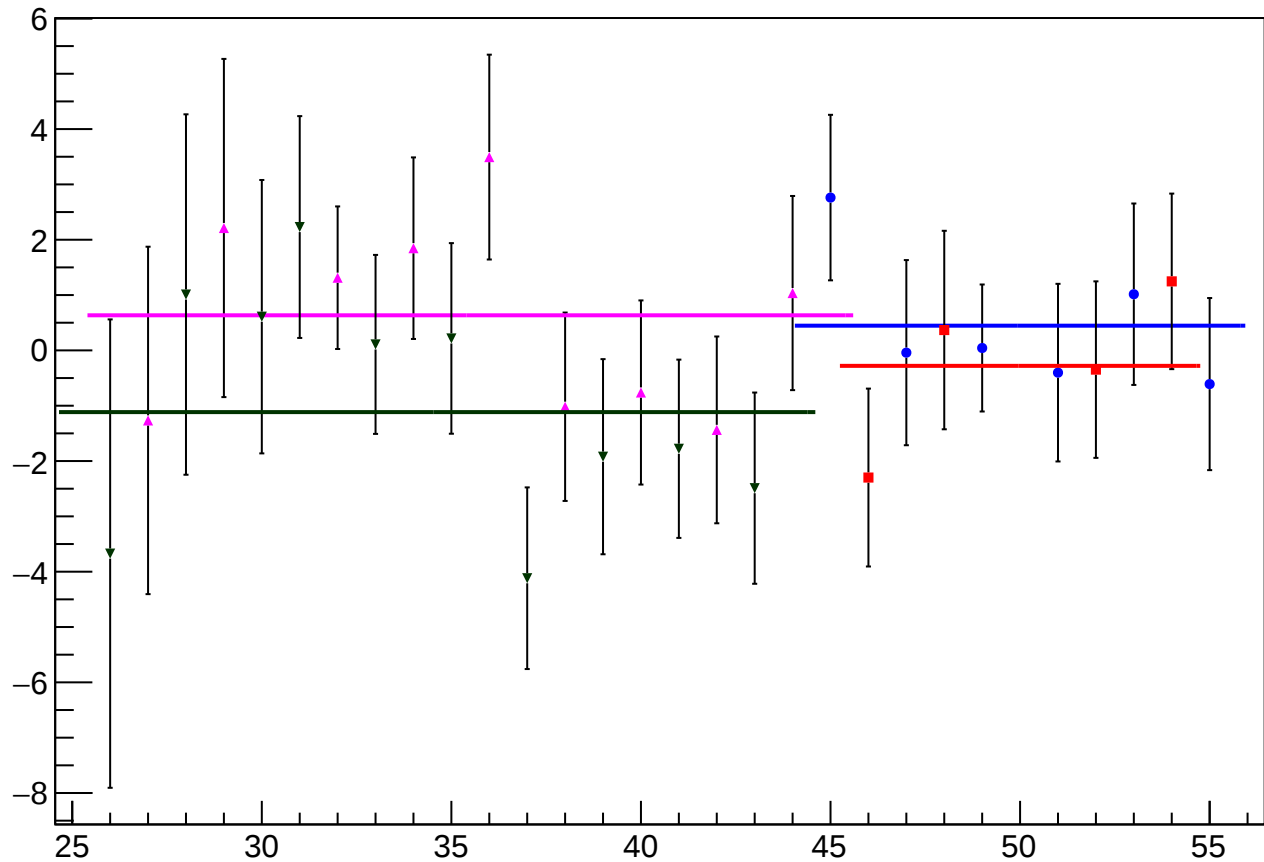
Right Out: 160.314 ± 0.082 χ^2/NDF : 77870.7/3

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

137.746 ± 0.034 χ^2/NDF : 614017.3/15

125.784 ± 0.033 χ^2/NDF : 663946.6/12

asym_cav4bQ_mean vs slug



Right In: 0.447 ± 0.604 χ^2/NDF : 3.5/5

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

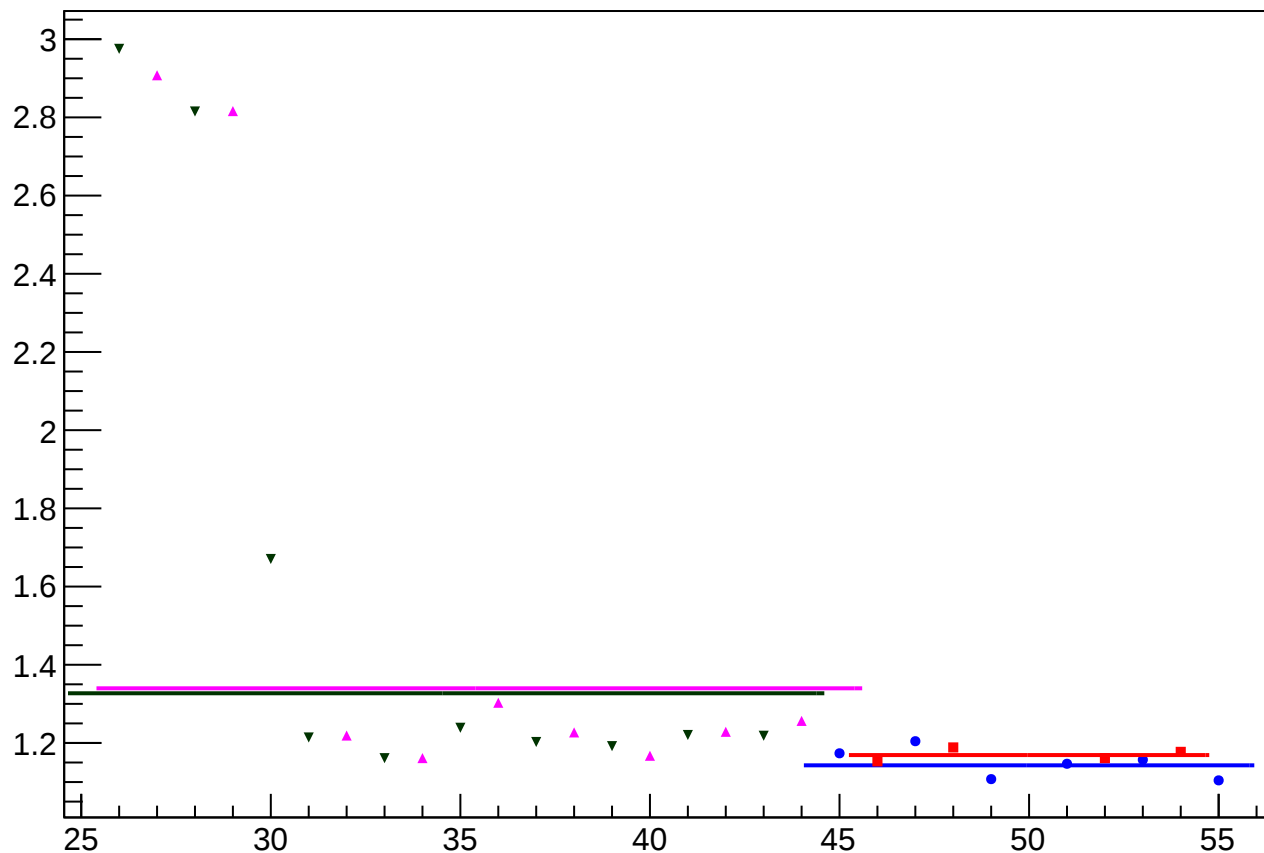
-0.328 ± 0.429 χ^2/NDF : 16.4/15

Right Out: -0.280 ± 0.820 χ^2/NDF : 2.6/3

0.321 ± 0.480 χ^2/NDF : 10.5/12

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

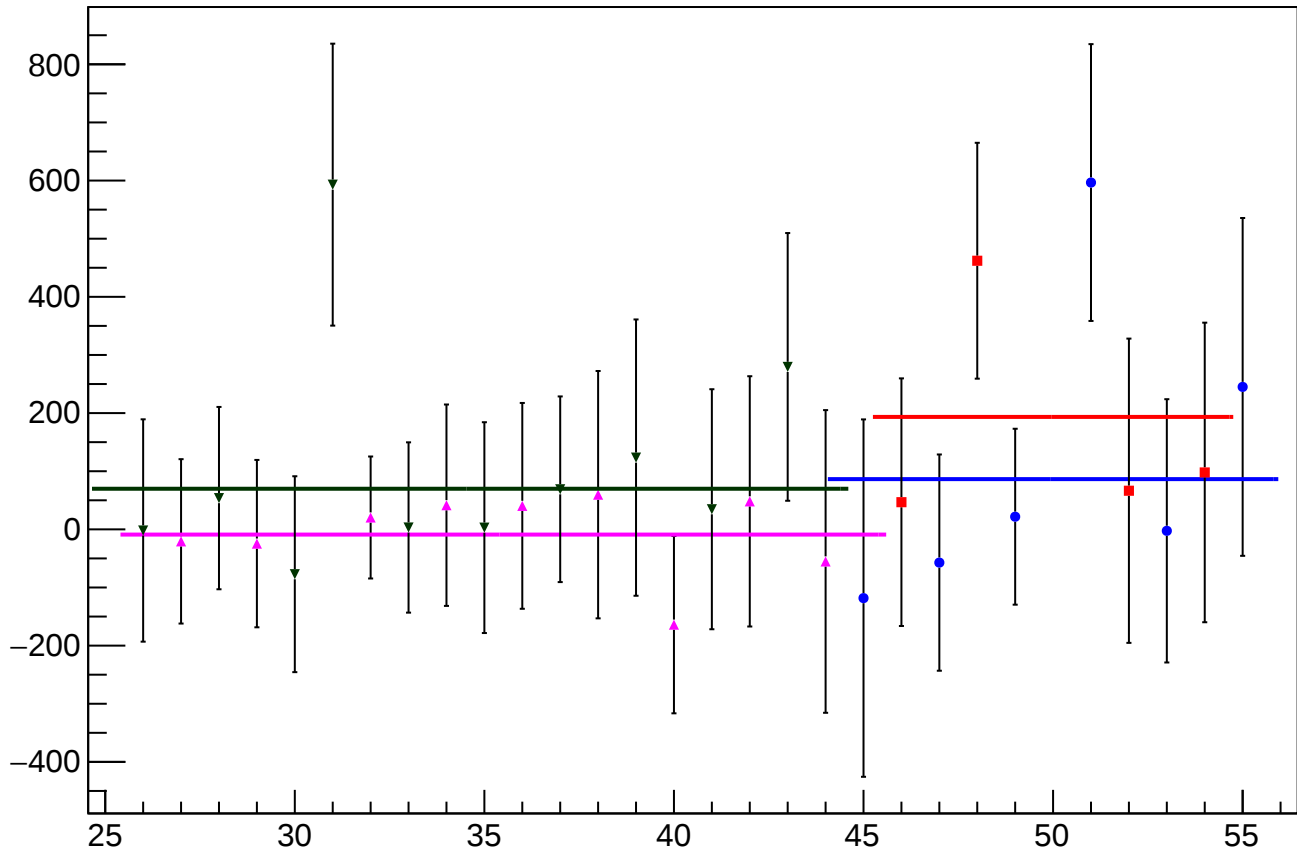
asym_cav4bQ_rms vs slug



Right In: 1.143+/-0.000 χ^2/NDF : 6845.1/5
 Left Out: 1.327+/-0.000 χ^2/NDF :831904.3/9
 Right Out: 1.169+/-0.001 χ^2/NDF : 540.2/3
 Left In: 1.340+/-0.000 χ^2/NDF :1050931.9/8

1.234+/-0.000 χ^2/NDF : 930972.3/15
 1.281+/-0.000 χ^2/NDF : 1108510.7/12

asym_cav4cQ_mean vs slug



Right In: 86.426+/-86.990 χ^2/NDF : 6.3/5

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

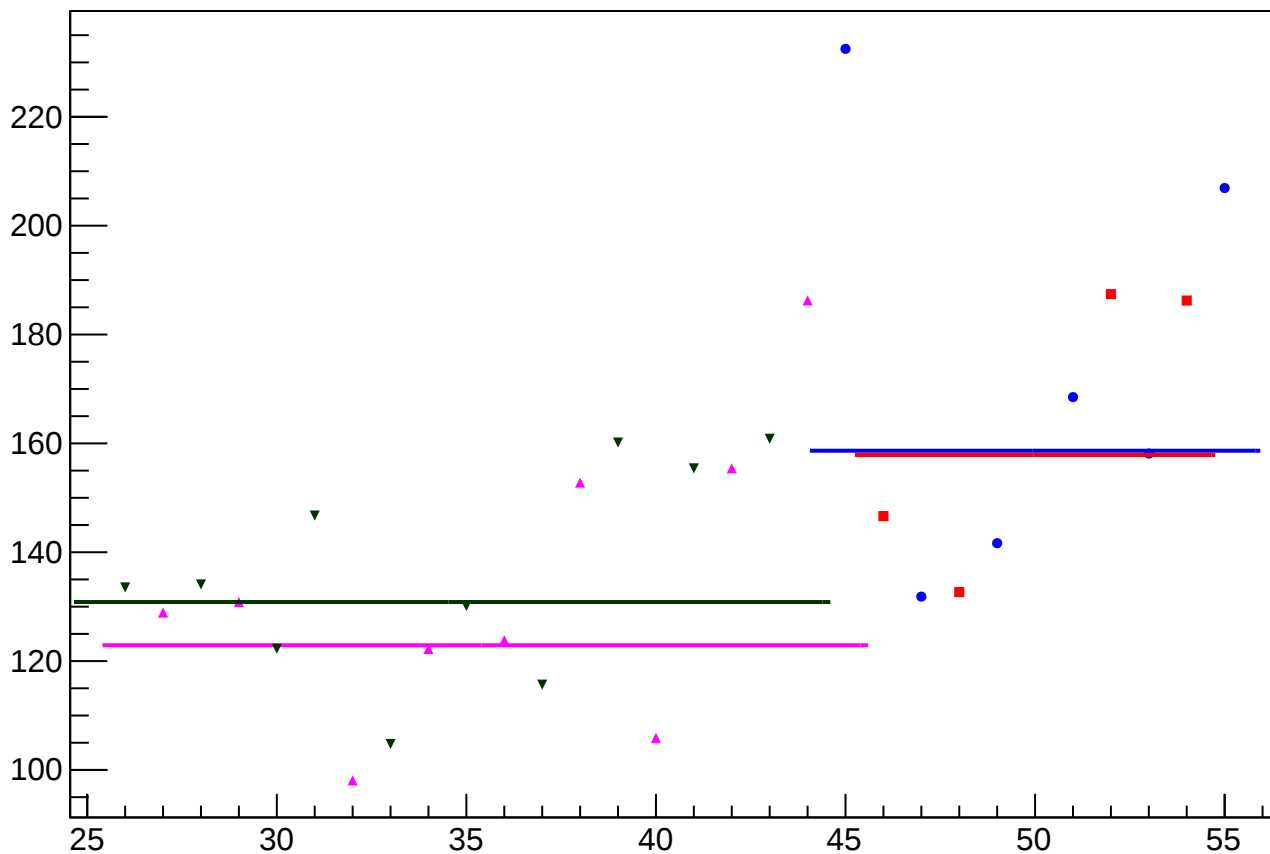
Right Out: 193.438+/-114.707 χ^2/NDF : 2.6/3

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

74.965+/-48.300 χ^2/NDF : 13.1/15

26.651+/-48.126 χ^2/NDF : 6.7/12

asym_cav4cQ_rms vs slug



Right In: 158.652 $\pm$ 0.062 χ^2 /NDF: 240747.2/5

Left Out: 130.853 $\pm$ 0.041 χ^2 /NDF:189147.6/9

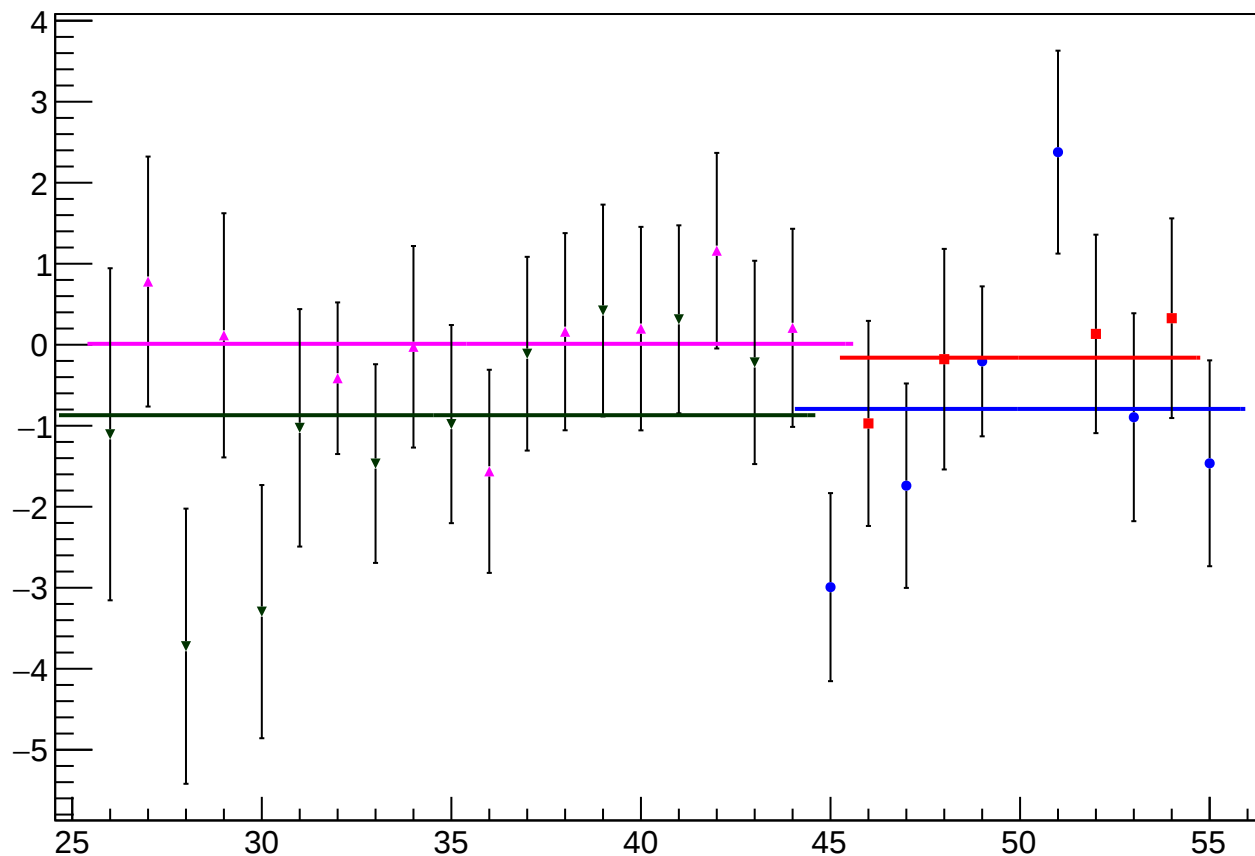
Right Out: 157.865 $\pm$ 0.081 χ^2 /NDF: 86150.6/3

Left In: 122.913 $\pm$ 0.037 χ^2 /NDF:350248.9/8

139.423 $\pm$ 0.034 χ^2 /NDF: 571173.3/15

129.066 $\pm$ 0.034 χ^2 /NDF: 589407.1/12

asym_cav4dQ_mean vs slug



Right In: -0.792+/-0.477 χ^2/NDF : 11.2/5

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

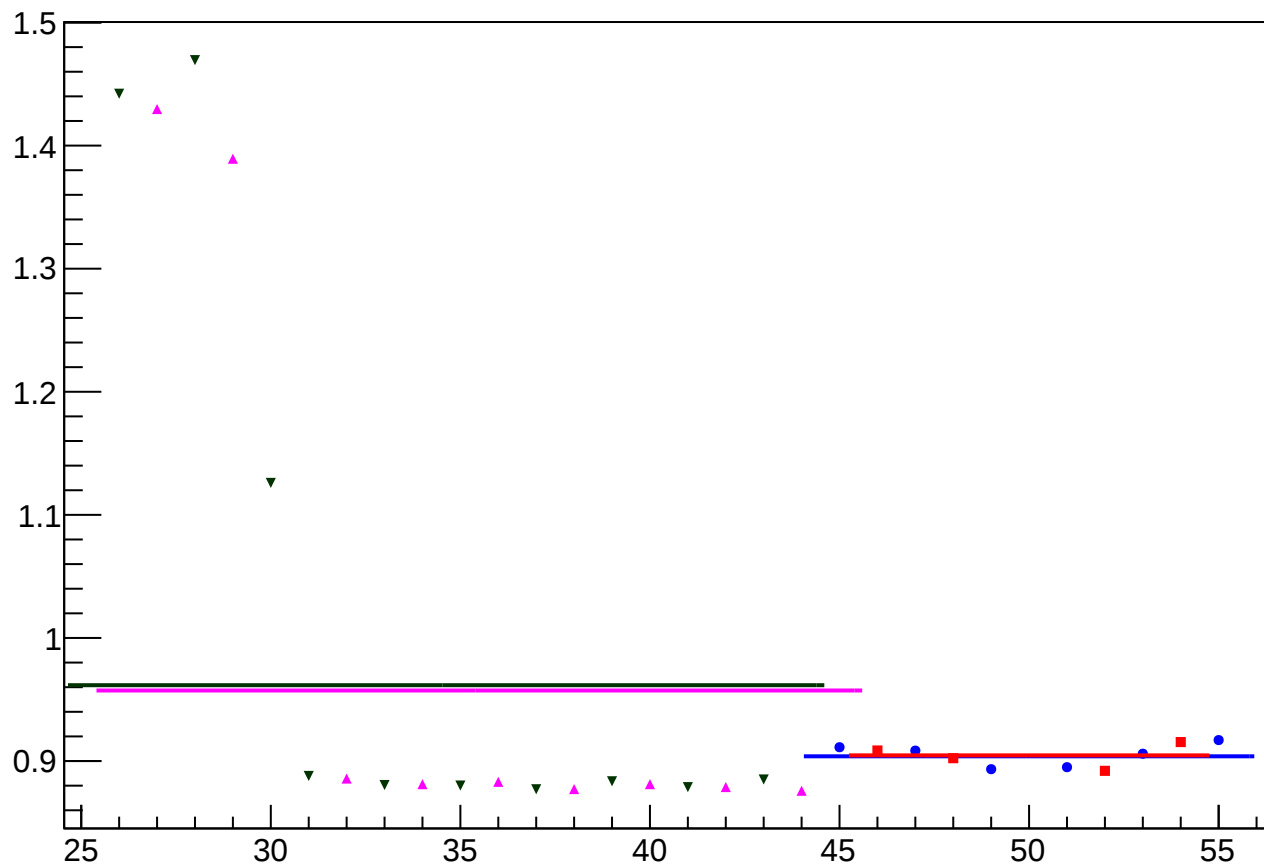
Right Out: -0.160+/-0.634 χ^2/NDF : 0.6/3

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

-0.835+/-0.319 χ^2/NDF : 19.5/15

-0.039+/-0.344 χ^2/NDF : 3.7/12

asym_cav4dQ_rms vs slug



Right In: 0.904+/-0.000 χ^2/NDF : 682.6/5

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

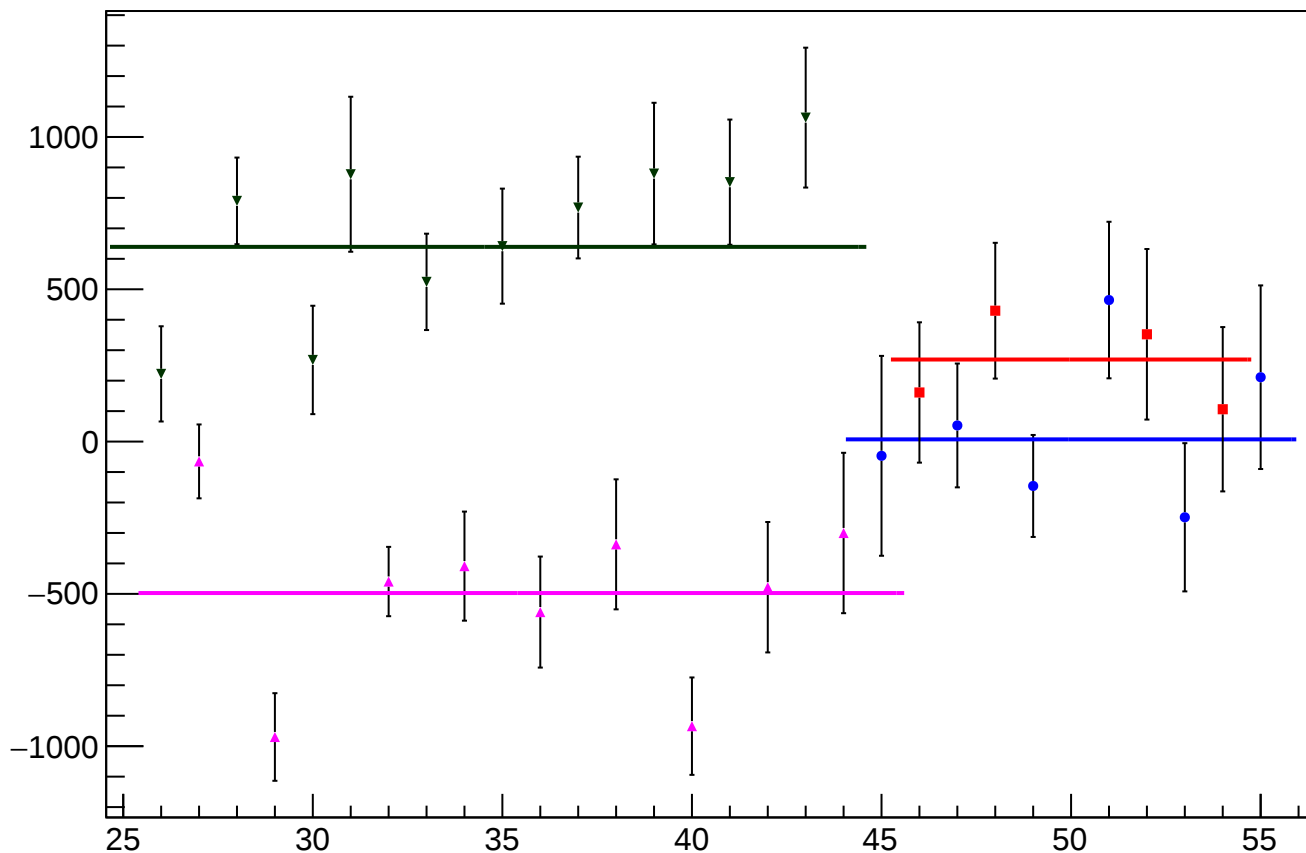
Right Out: 0.905+/-0.000 χ^2/NDF : 389.8/3

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

0.936+/-0.000 χ^2/NDF : 385218.7/15

0.942+/-0.000 χ^2/NDF : 421414.8/12

asym_bcm0l02_mean vs slug



Right In: 7.246 ± 94.401 χ^2/NDF : 5.6/5

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

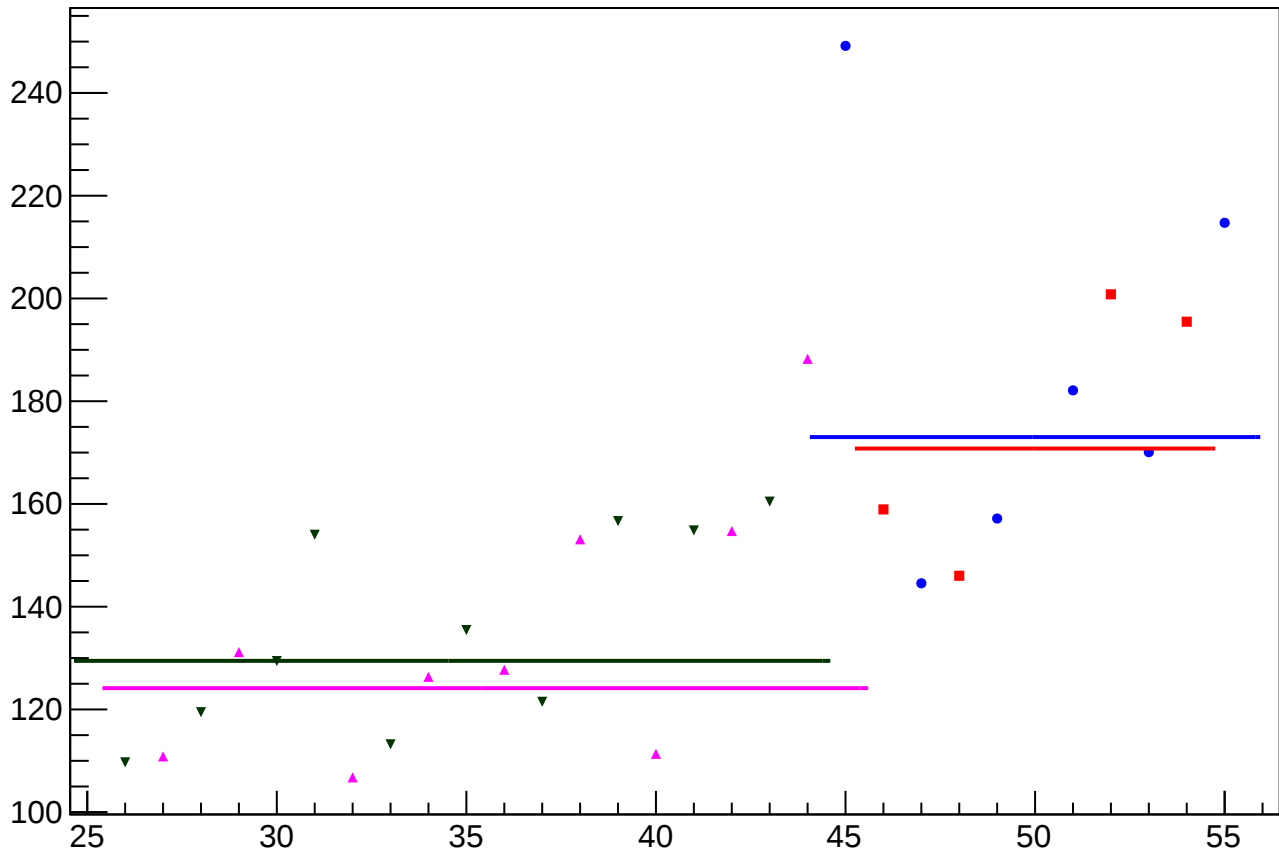
Right Out: 269.418 ± 123.583 χ^2/NDF : 1.2/3

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

468.200 ± 49.110 χ^2/NDF : 58.5/15

-377.051 ± 48.932 χ^2/NDF : 66.2/12

asym_bcm0l02_rms vs slug



Right In: 173.018+/-0.067 χ^2/NDF : 205984.1/5

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

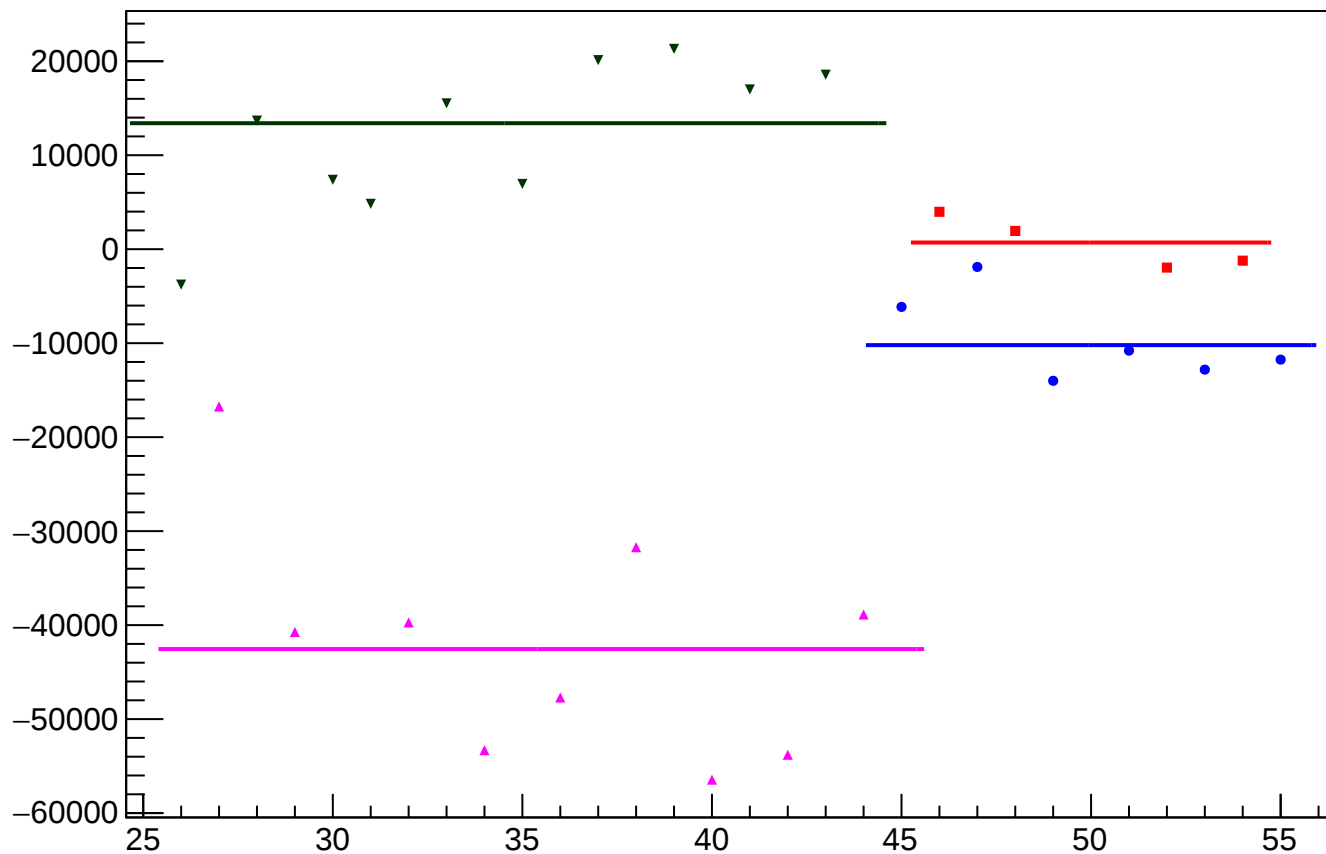
Right Out: 170.791+/-0.087 χ^2/NDF : 69737.6/3

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

141.248+/-0.035 χ^2/NDF : 699027.2/15

131.457+/-0.035 χ^2/NDF : 595471.3/12

asym_bpm2i01WS_mean vs slug



Right In: -10207.088 ± 50.962 χ^2/NDF : 6597.3/5

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

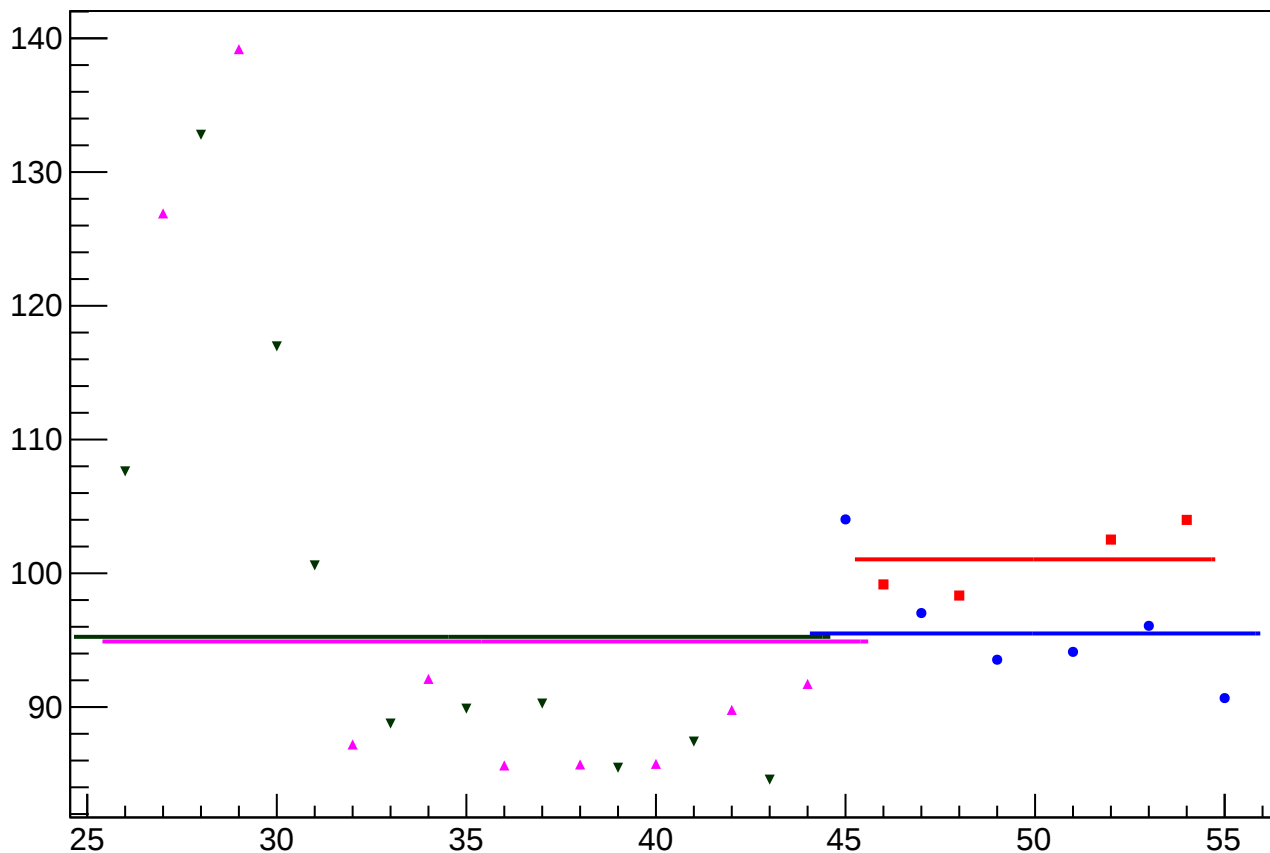
Right Out: 708.976 ± 72.179 χ^2/NDF : 1130.0/3

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

3614.212 ± 32.816 χ^2/NDF : 160979.9/15

-31830.858 ± 35.924 χ^2/NDF : 342635.1/12

asym_bpm2i01WS_rms vs slug



Right In: 95.501+/-0.036 χ^2/NDF : 12325.0/5

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

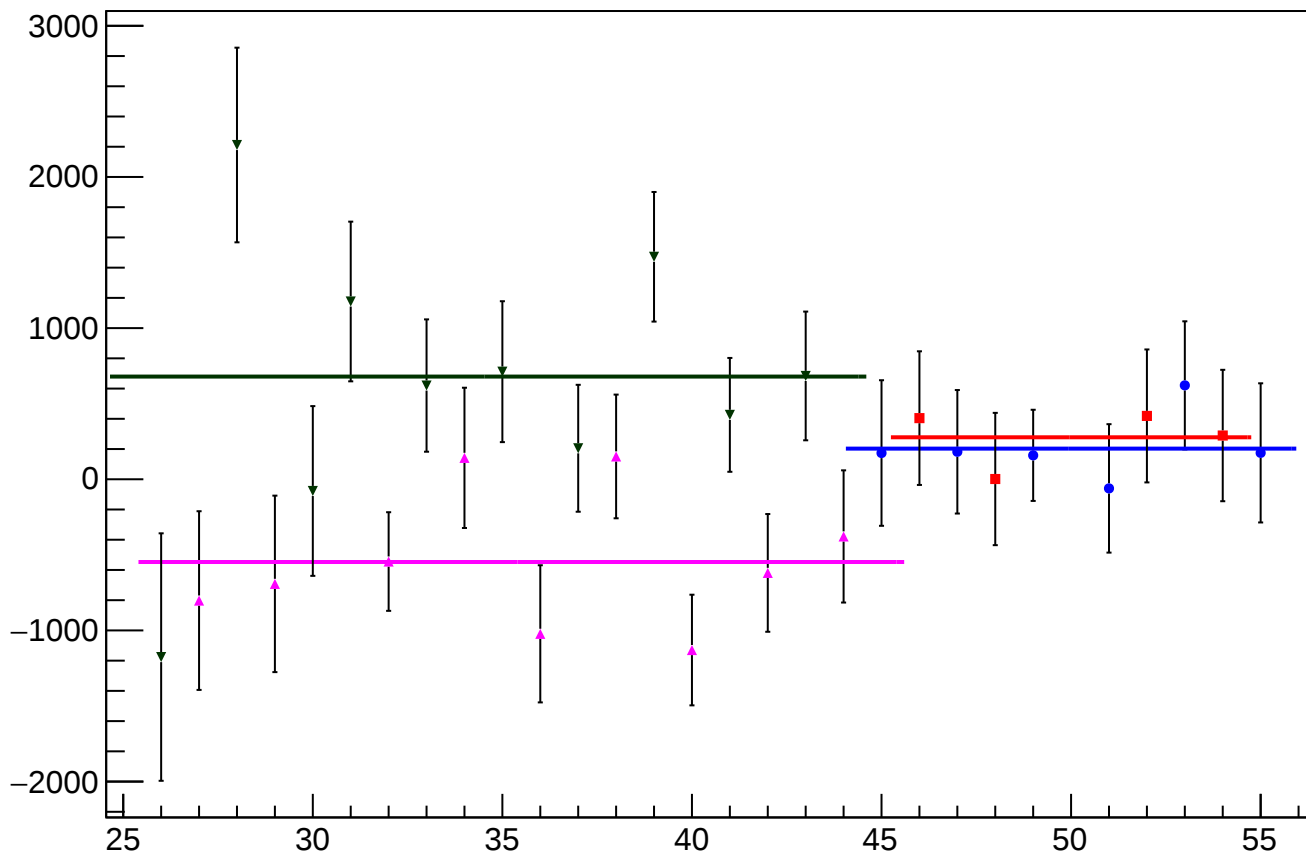
Right Out: 101.043+/-0.051 χ^2/NDF : 2077.3/3

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

95.354+/-0.023 χ^2/NDF : 217255.0/15

96.423+/-0.025 χ^2/NDF : 327247.1/12

asym_bpm0i07WS_mean vs slug



Right In: 202.767 ± 164.110 $\chi^2/\text{NDF}: 1.4/5$

Left Out: 679.433 ± 150.483 $\chi^2/\text{NDF}: 18.7/9$

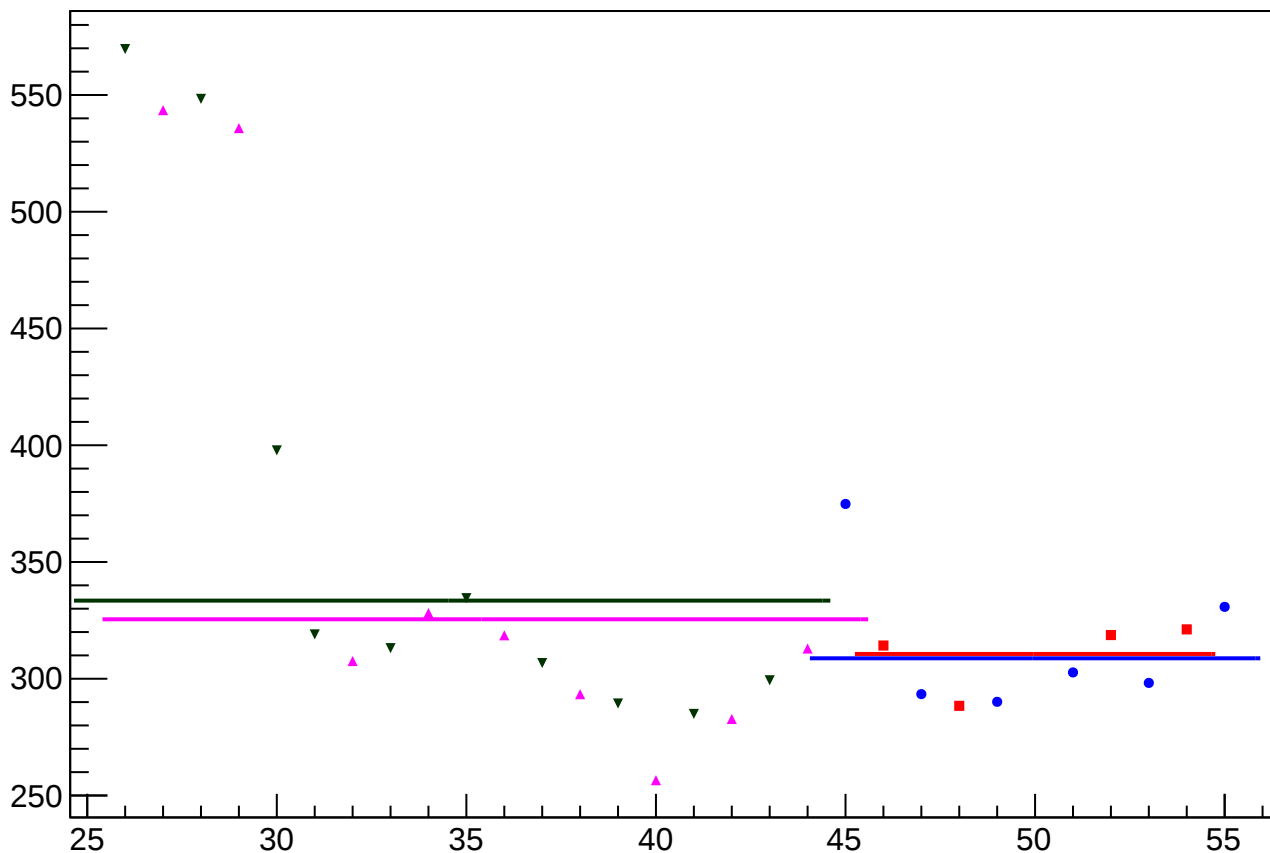
Right Out: 277.719 ± 219.260 $\chi^2/\text{NDF}: 0.6/3$

Left In: -547.386 ± 141.487 $\chi^2/\text{NDF}: 9.2/8$

461.709 ± 110.912 $\chi^2/\text{NDF}: 24.6/15$

-304.815 ± 118.884 $\chi^2/\text{NDF}: 19.8/12$

asym_bpm0i07WS_rms vs slug



Right In: 308.754+/-0.116 χ^2/NDF : 54358.2/5

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

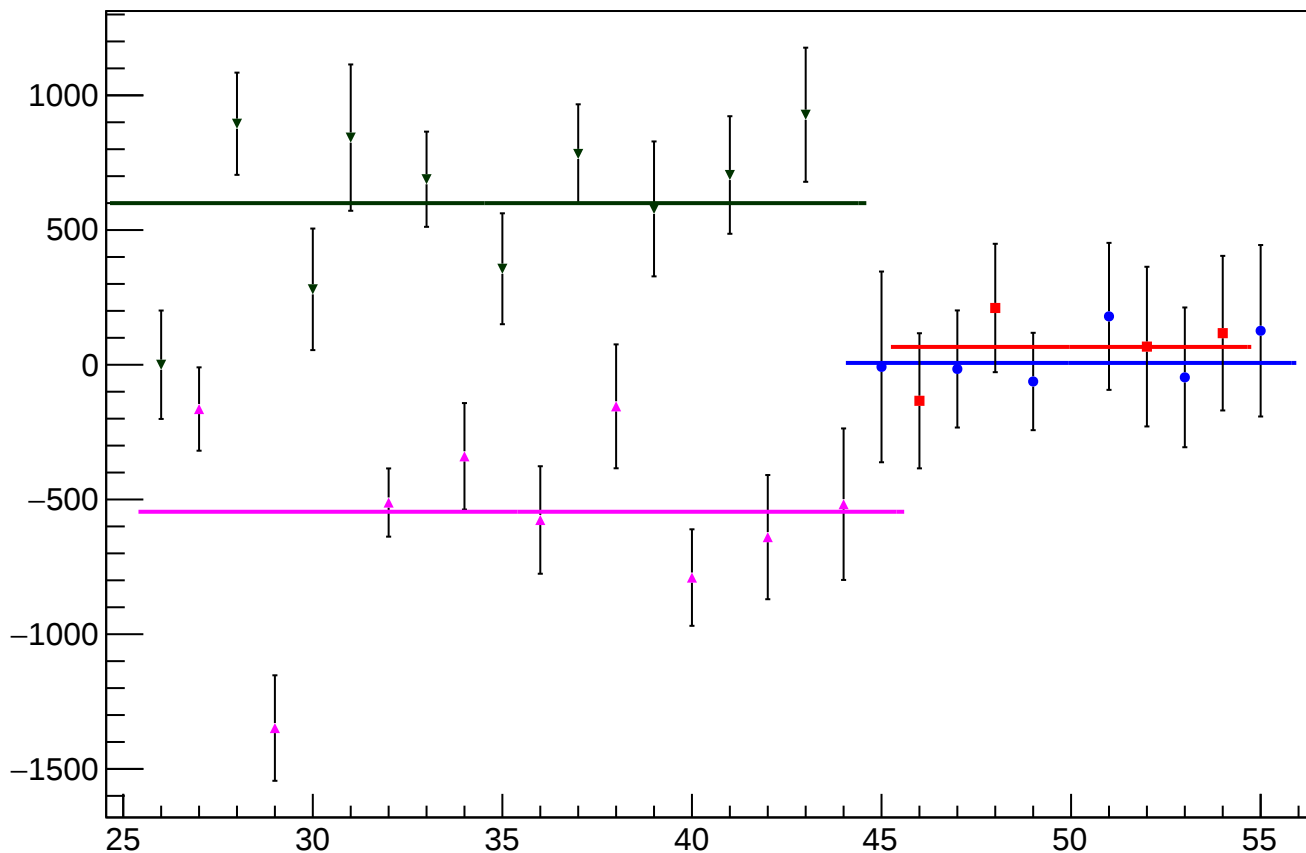
Right Out: 310.616+/-0.155 χ^2/NDF : 7141.0/3

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

322.175+/-0.078 χ^2/NDF : 575618.0/15

321.097+/-0.084 χ^2/NDF : 660836.1/12

asym_bpm0l01WS_mean vs slug



Right In: 6.834 $\pm$ 101.030 χ^2/NDF : 0.7/5

Left Out: 599.867 $\pm$ 66.829 χ^2/NDF : 18.7/9

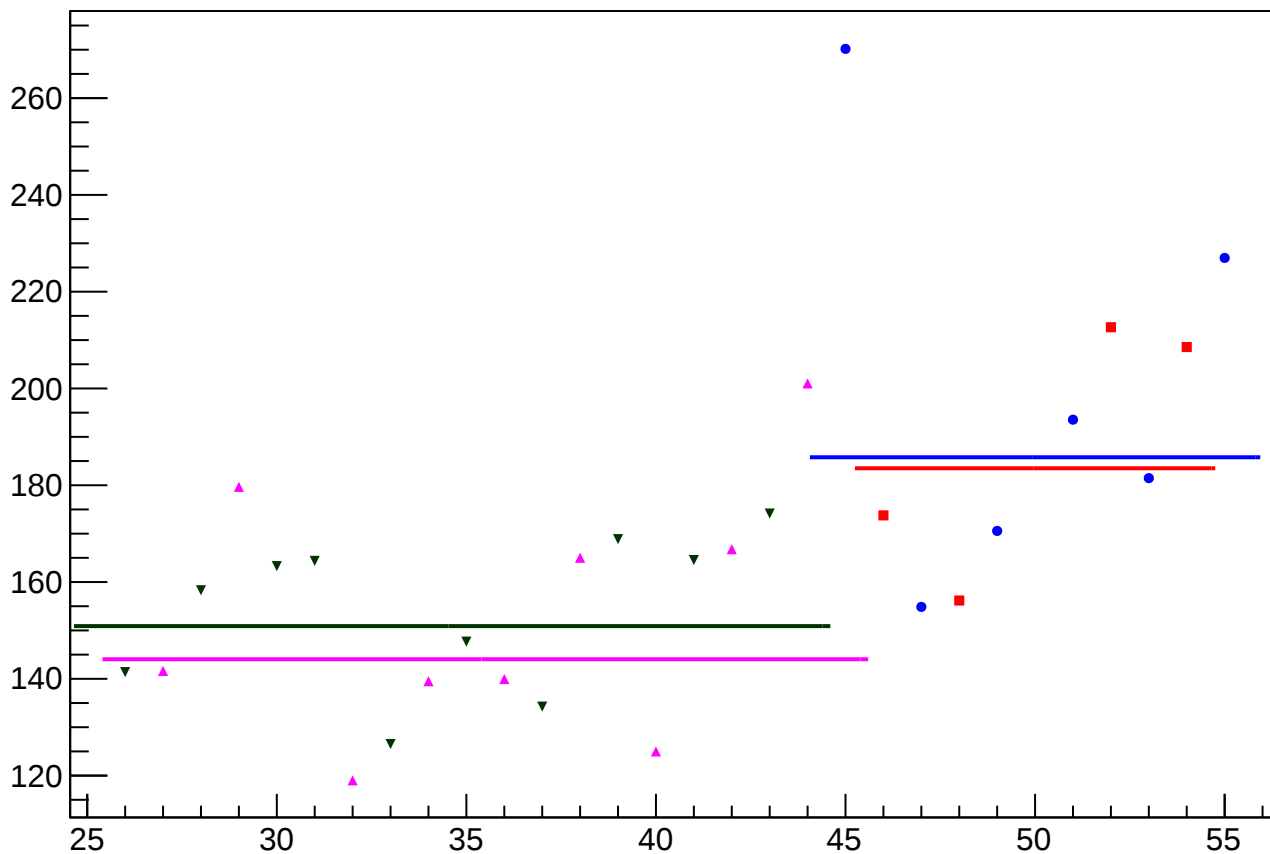
Right Out: 66.212 $\pm$ 132.382 χ^2/NDF : 1.0/3

Left In: -545.556 $\pm$ 61.714 χ^2/NDF : 29.0/8

419.363 $\pm$ 55.738 χ^2/NDF : 43.4/15

-436.340 $\pm$ 55.934 χ^2/NDF : 47.6/12

asym_bpm0l01WS_rms vs slug



Right In: 185.782 ± 0.071 χ^2/NDF : 204055.6/5

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

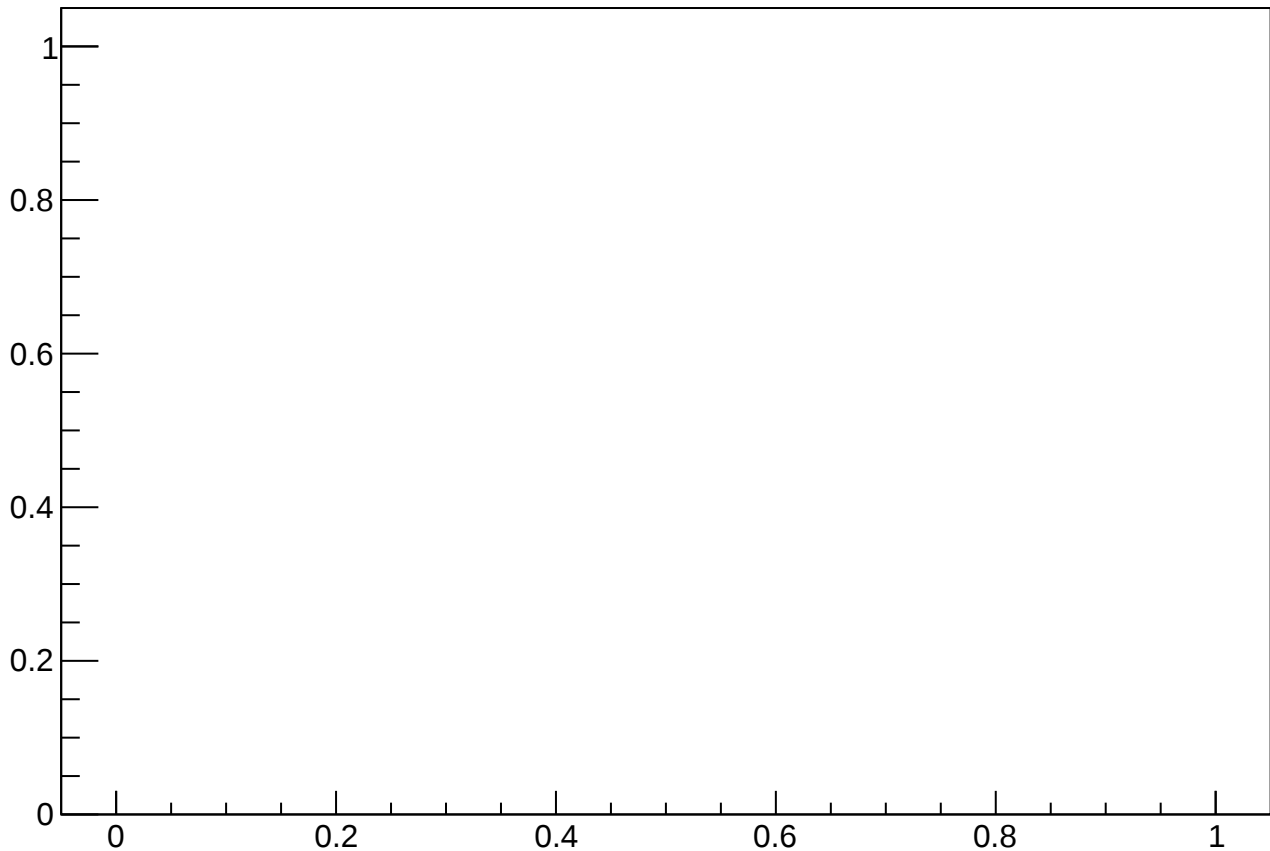
Right Out: 183.511 ± 0.094 χ^2/NDF : 63926.1/3

Left In: 144.049 ± 0.044 χ^2/NDF : 287751.6/8

161.512 ± 0.039 χ^2/NDF : 478891.7/15

151.094 ± 0.040 χ^2/NDF : 497672.6/12

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

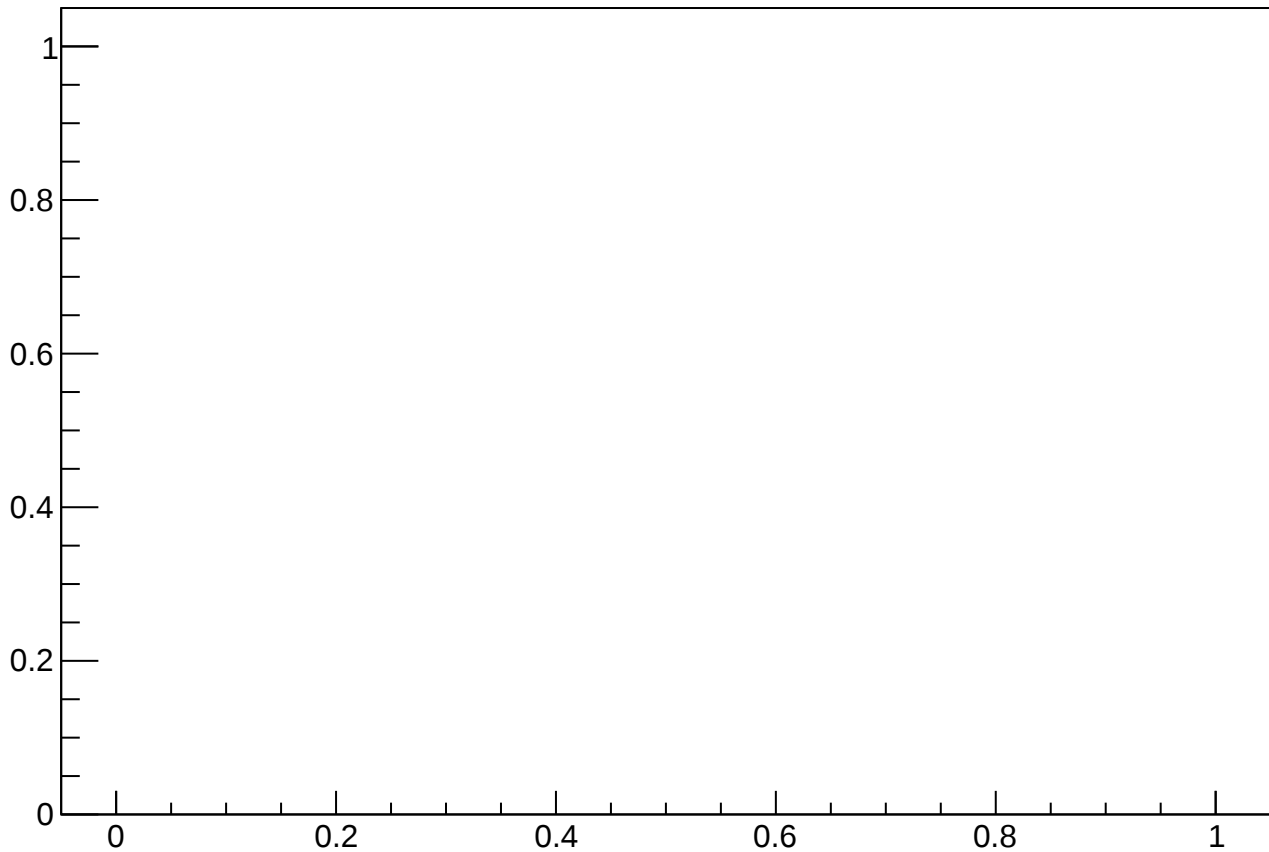
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

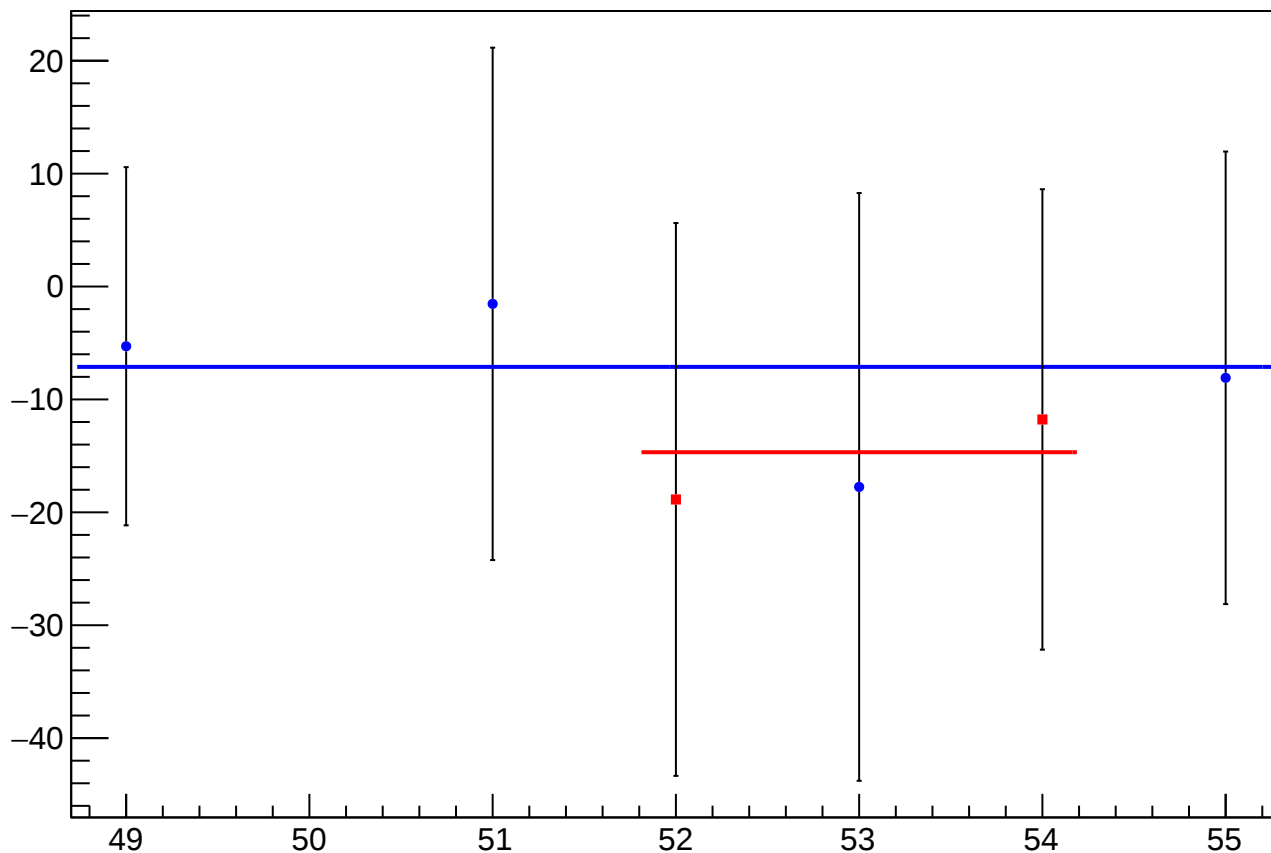
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -7.117+/-10.060 χ^2/NDF : 0.2/3

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

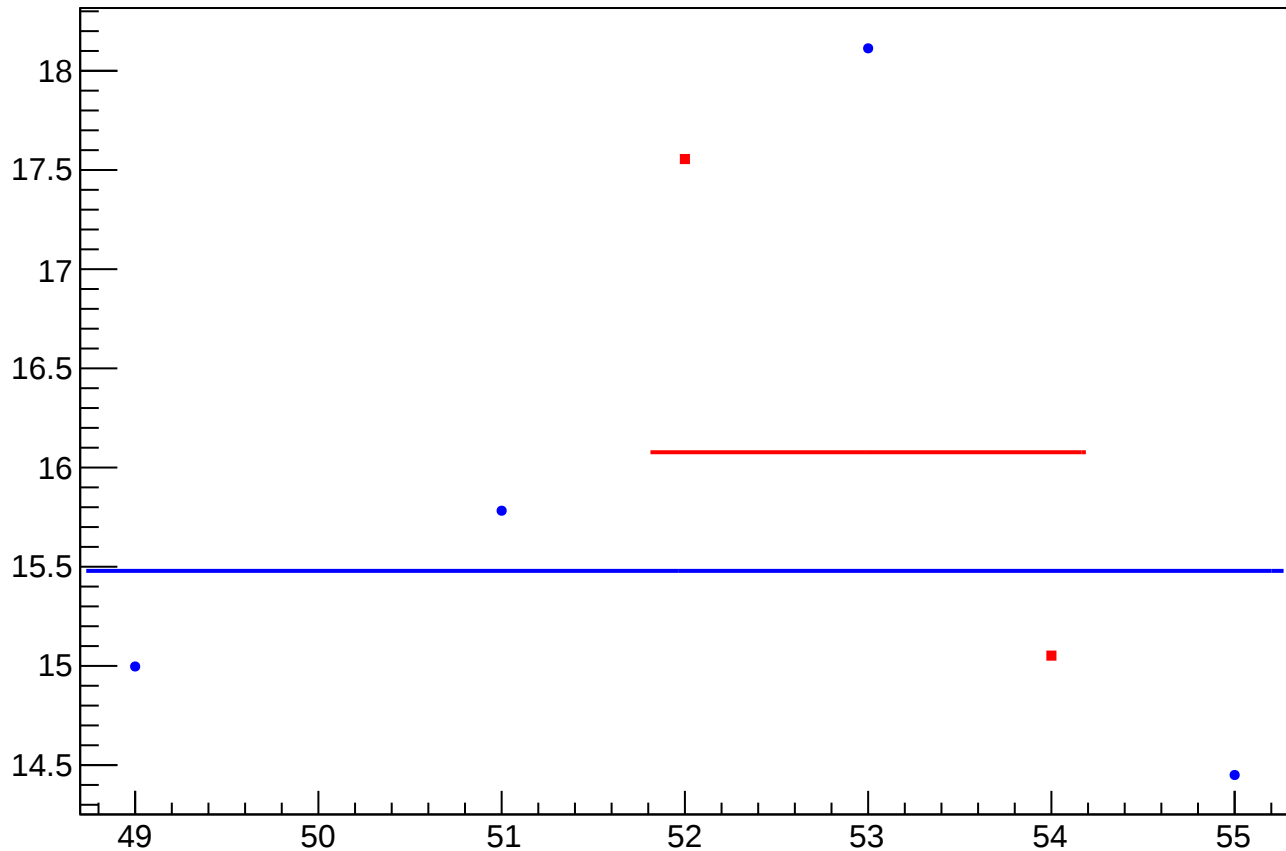
Right Out: -14.676+/-15.669 χ^2/NDF : 0.0/1

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

-7.117+/-10.060 χ^2/NDF : 0.2/3

-14.676+/-15.669 χ^2/NDF : 0.0/1

bcm_an_us_ds_dd_rms vs slug



Right In: 15.479 $\pm$ 0.007 χ^2 /NDF: 27956.2/3

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

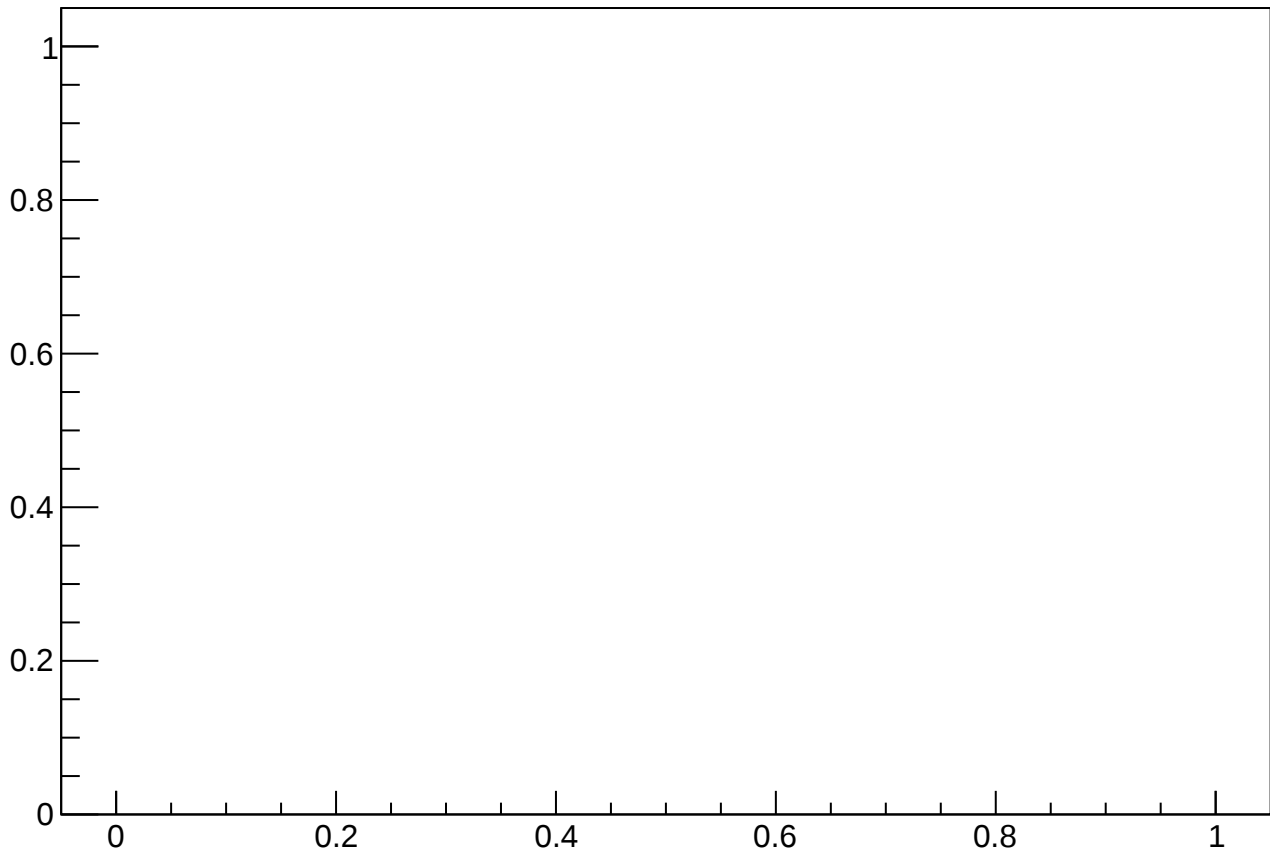
Right Out: 16.077 $\pm$ 0.011 χ^2 /NDF: 12343.6/1

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

15.479 $\pm$ 0.007 χ^2 /NDF: 27956.2/3

16.077 $\pm$ 0.011 χ^2 /NDF: 12343.6/1

bcm_an_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

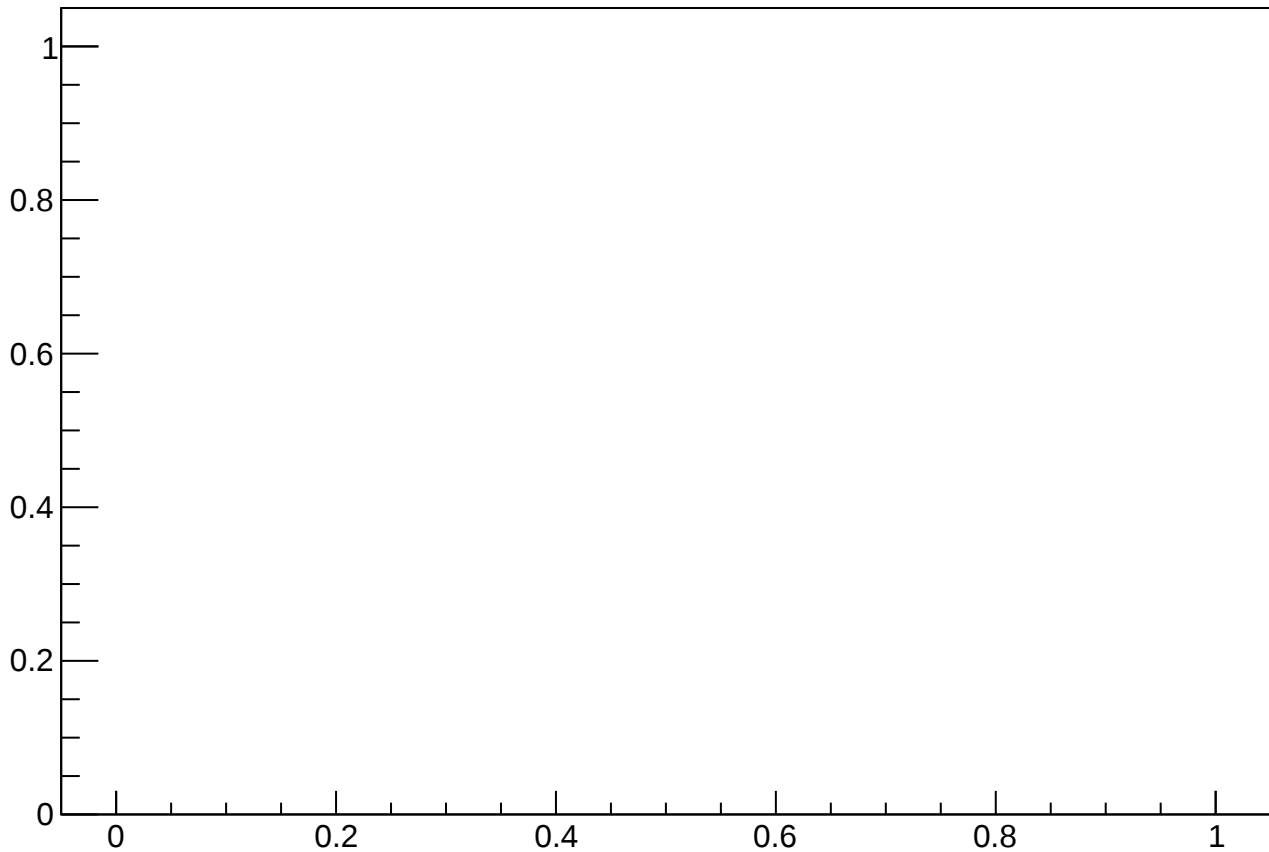
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_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

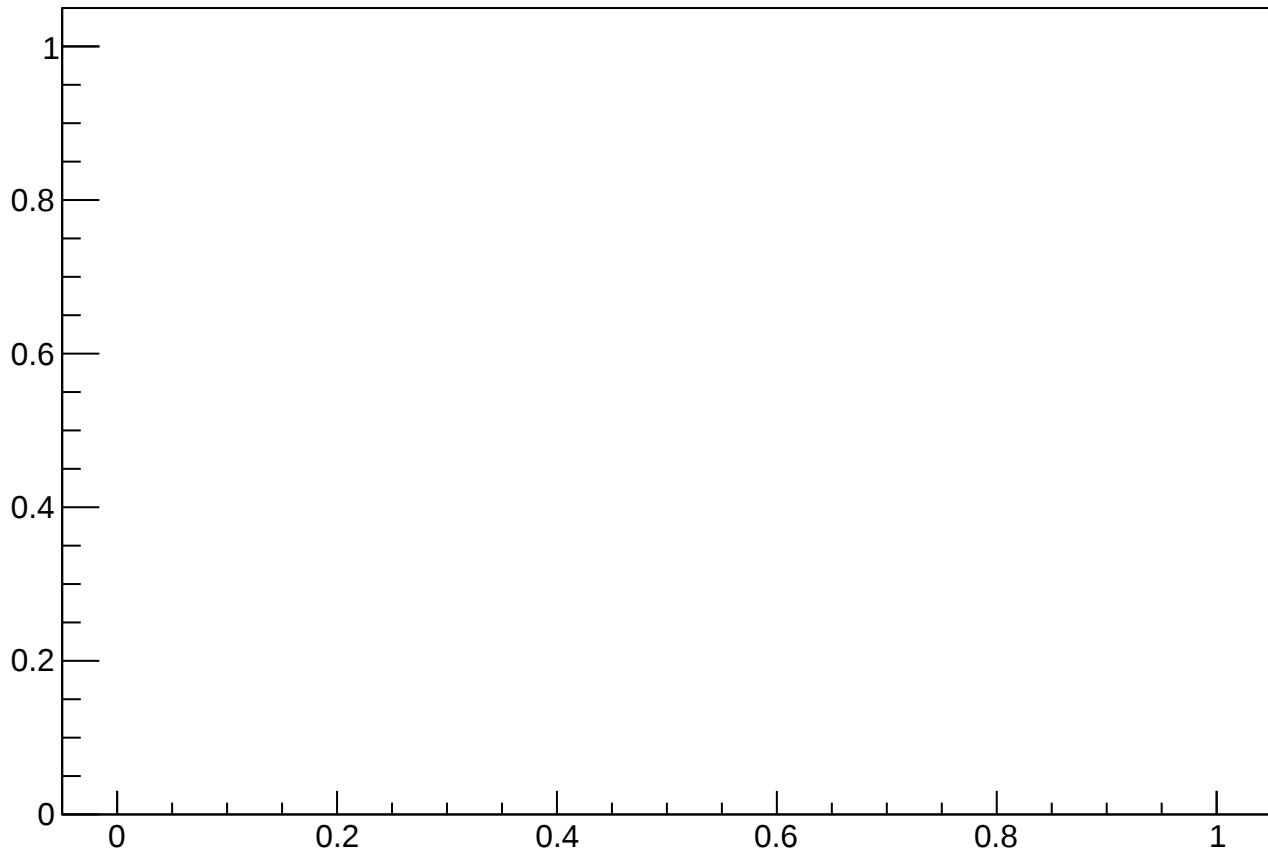
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

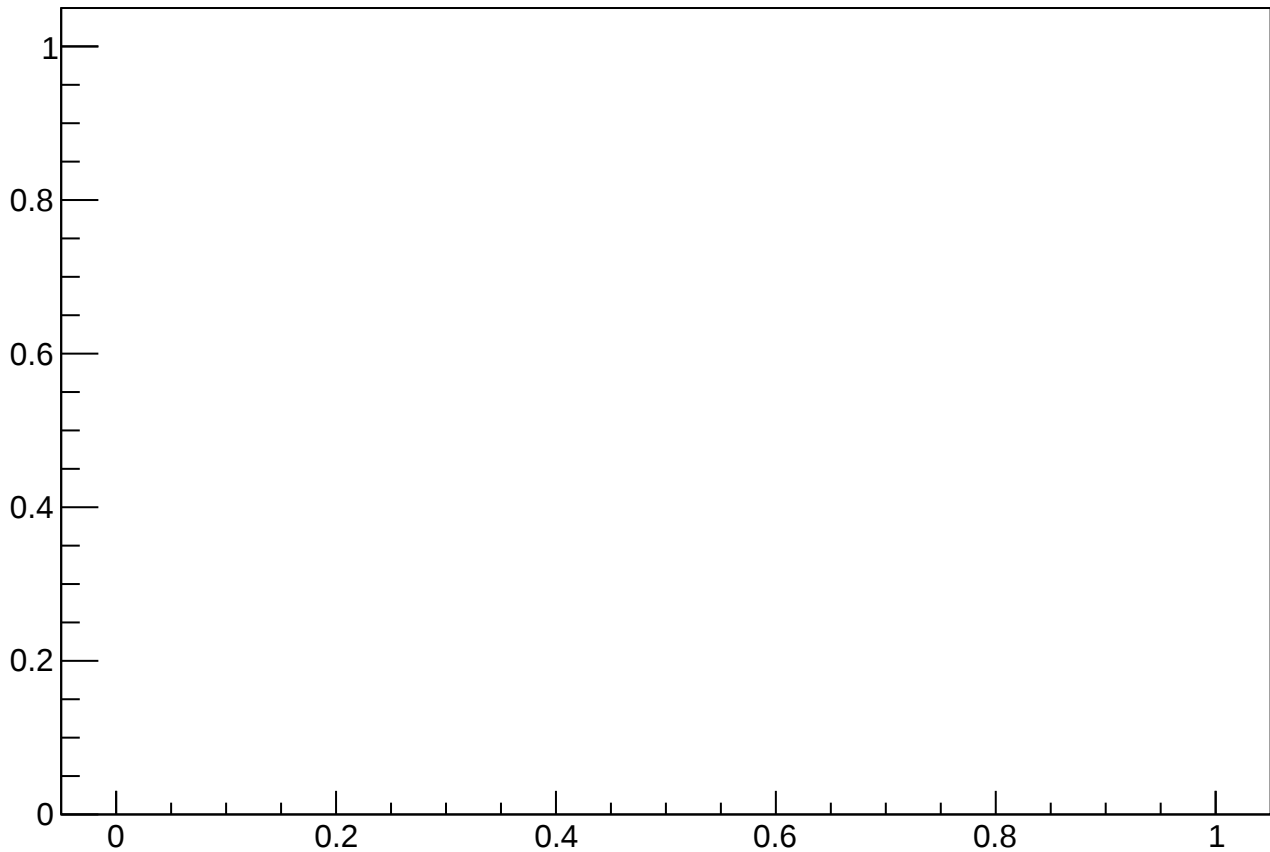
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

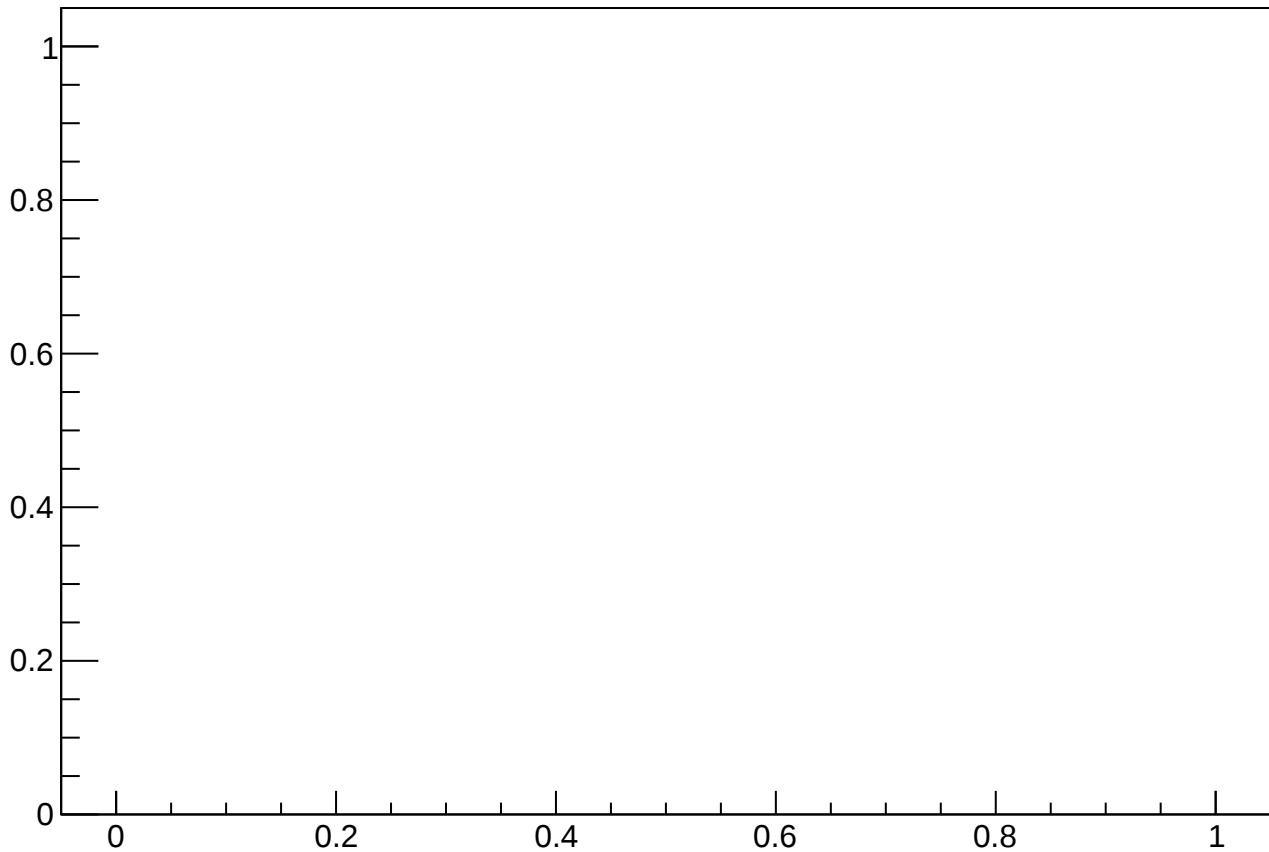
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

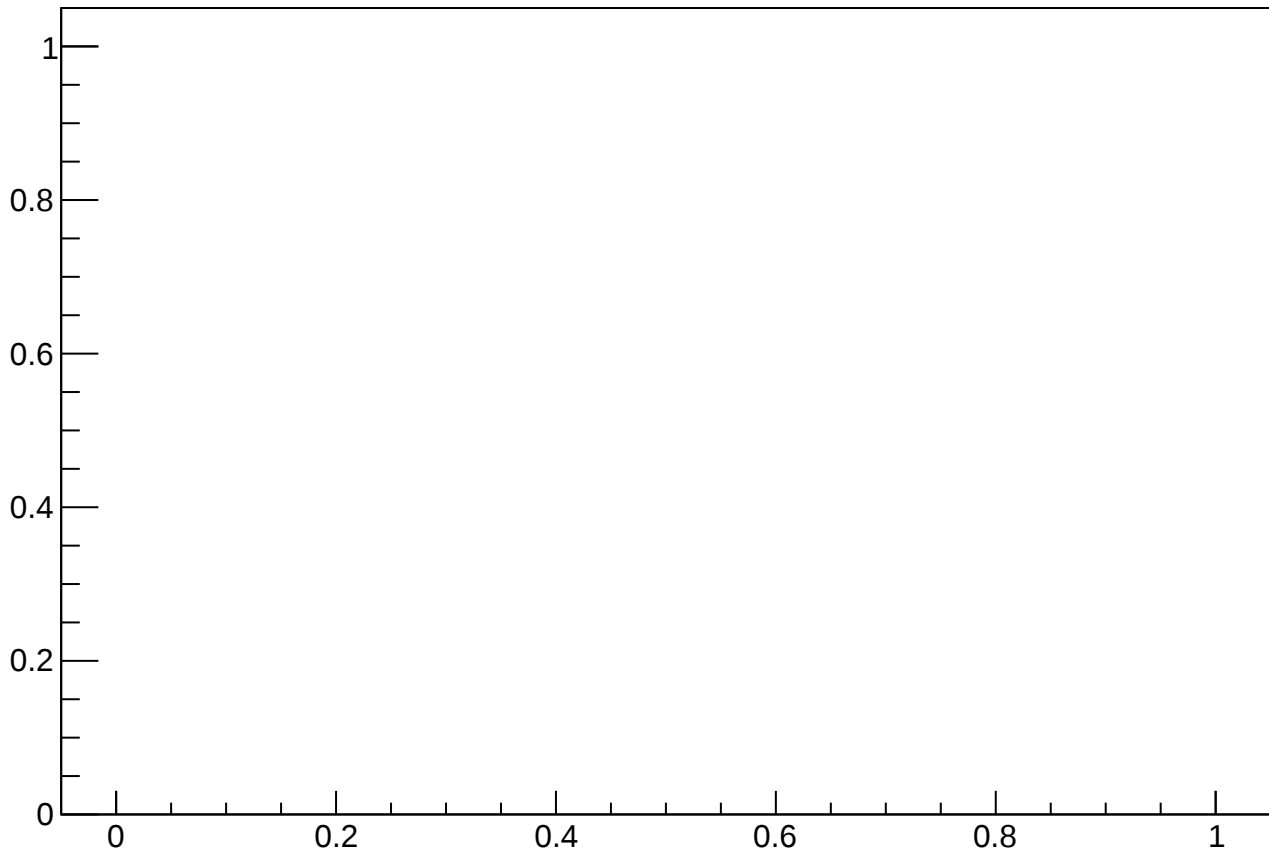
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

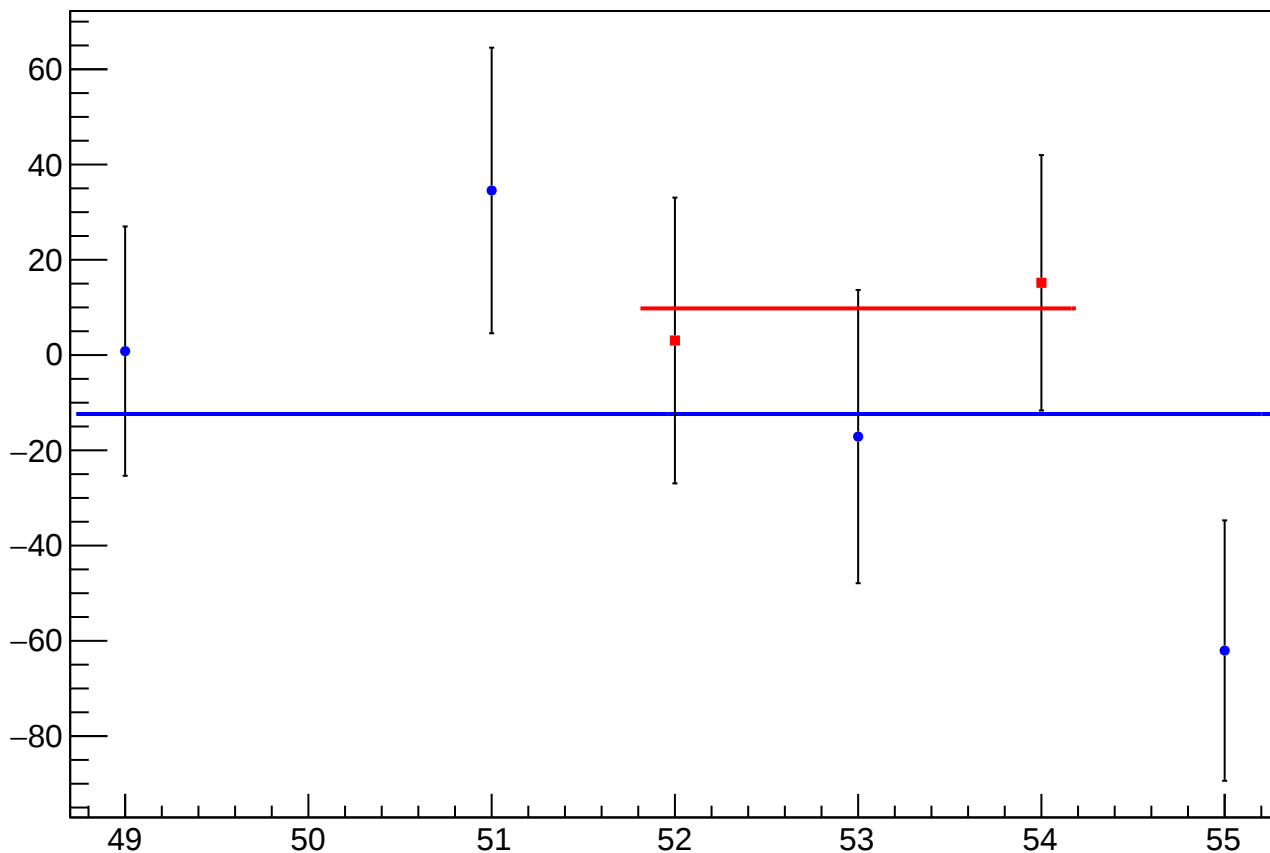
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -12.375 $\pm$ 14.192 χ^2 /NDF: 6.0/3

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

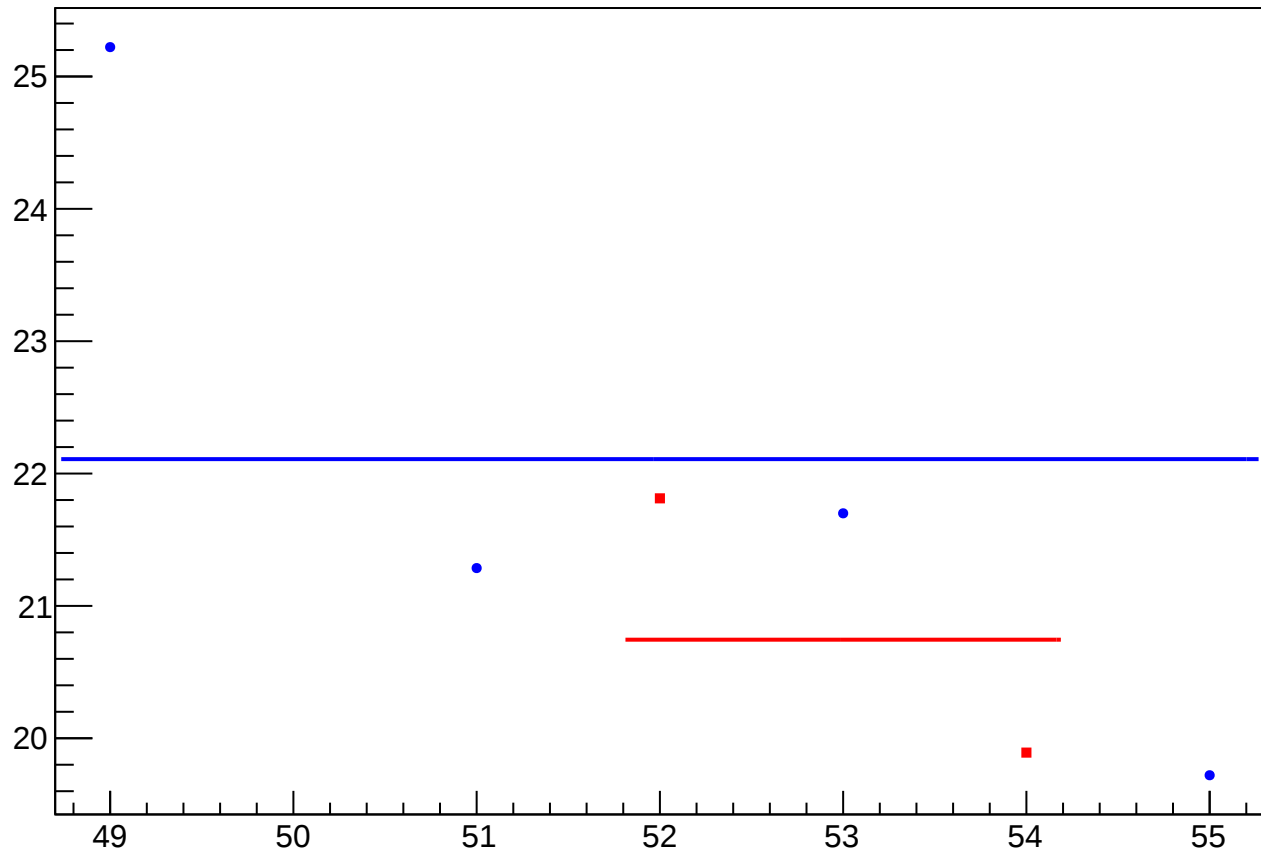
Right Out: 9.795 $\pm$ 19.993 χ^2 /NDF: 0.1/1

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

-12.375 $\pm$ 14.192 χ^2 /NDF: 6.0/3

9.795 $\pm$ 19.993 χ^2 /NDF: 0.1/1

bcm_dg_us_ds_dd _rms vs slug



Right In: 22.109+/-0.010 χ^2/NDF : 45412.9/3

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

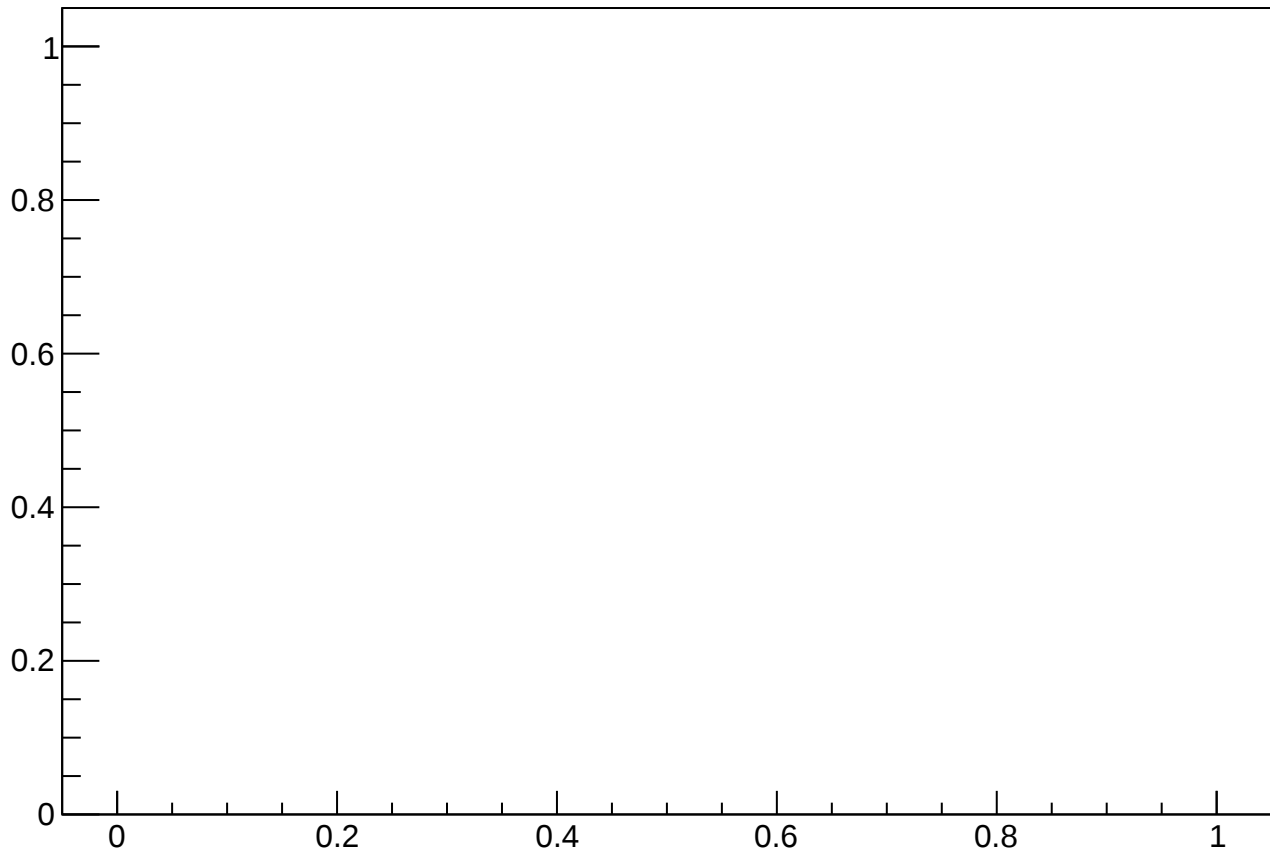
Right Out: 20.745+/-0.014 χ^2/NDF : 4558.9/1

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

22.109+/-0.010 χ^2/NDF : 45412.9/3

20.745+/-0.014 χ^2/NDF : 4558.9/1

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

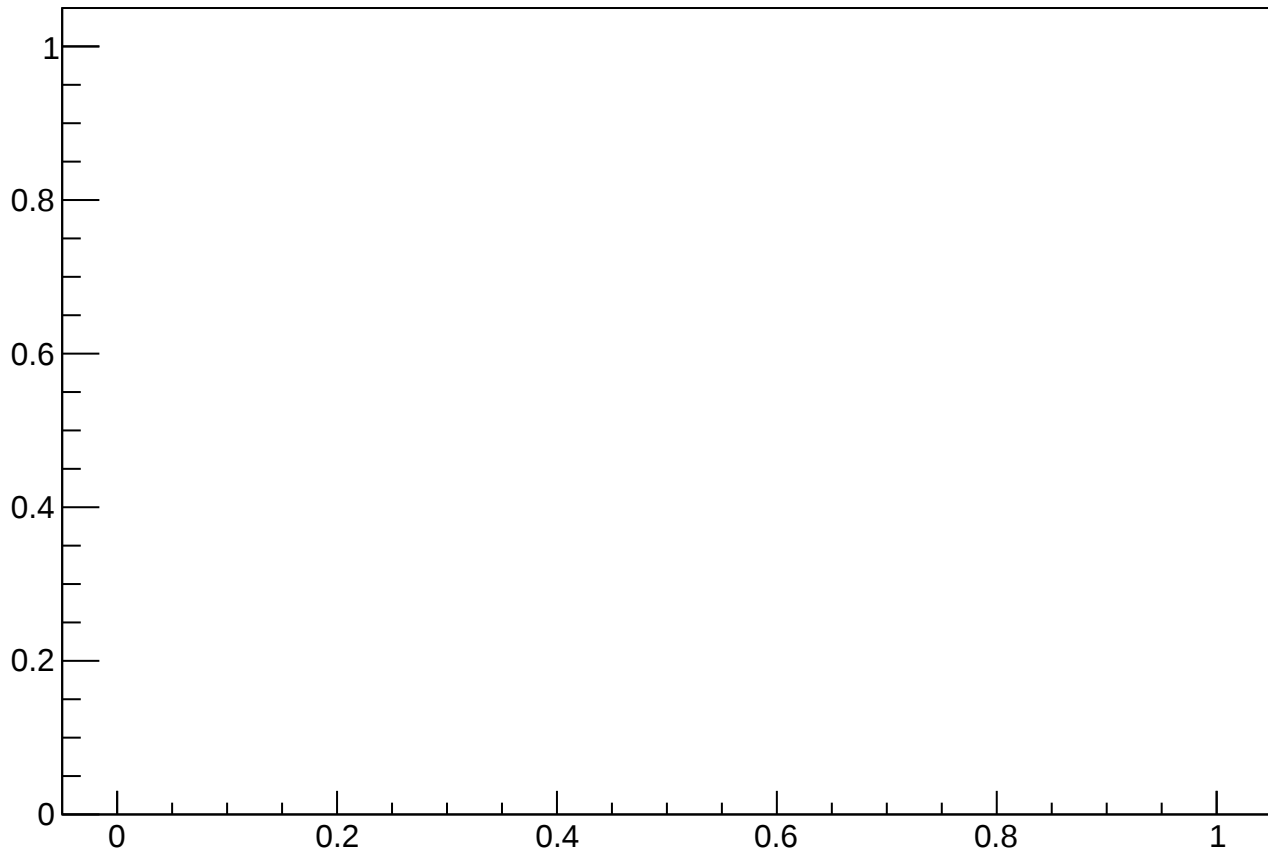
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

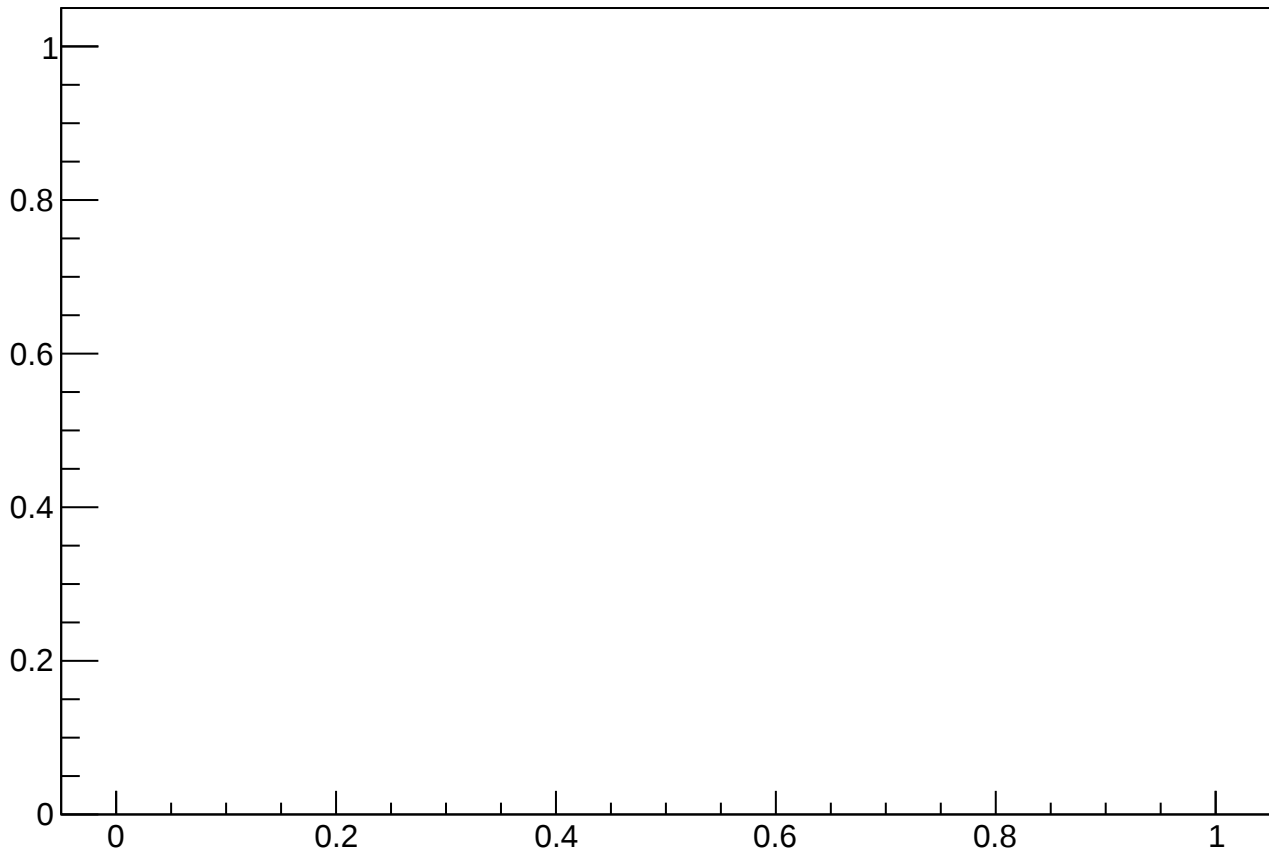
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

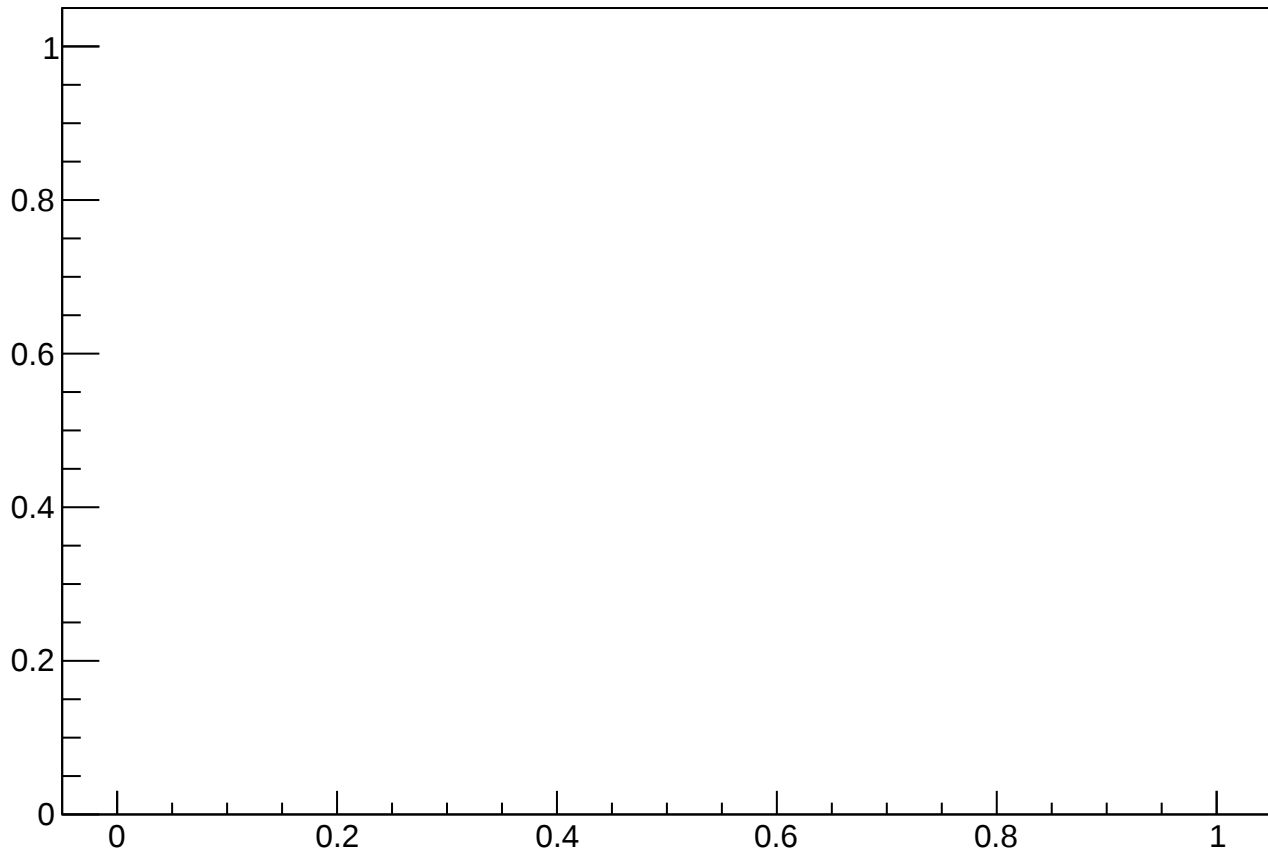
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

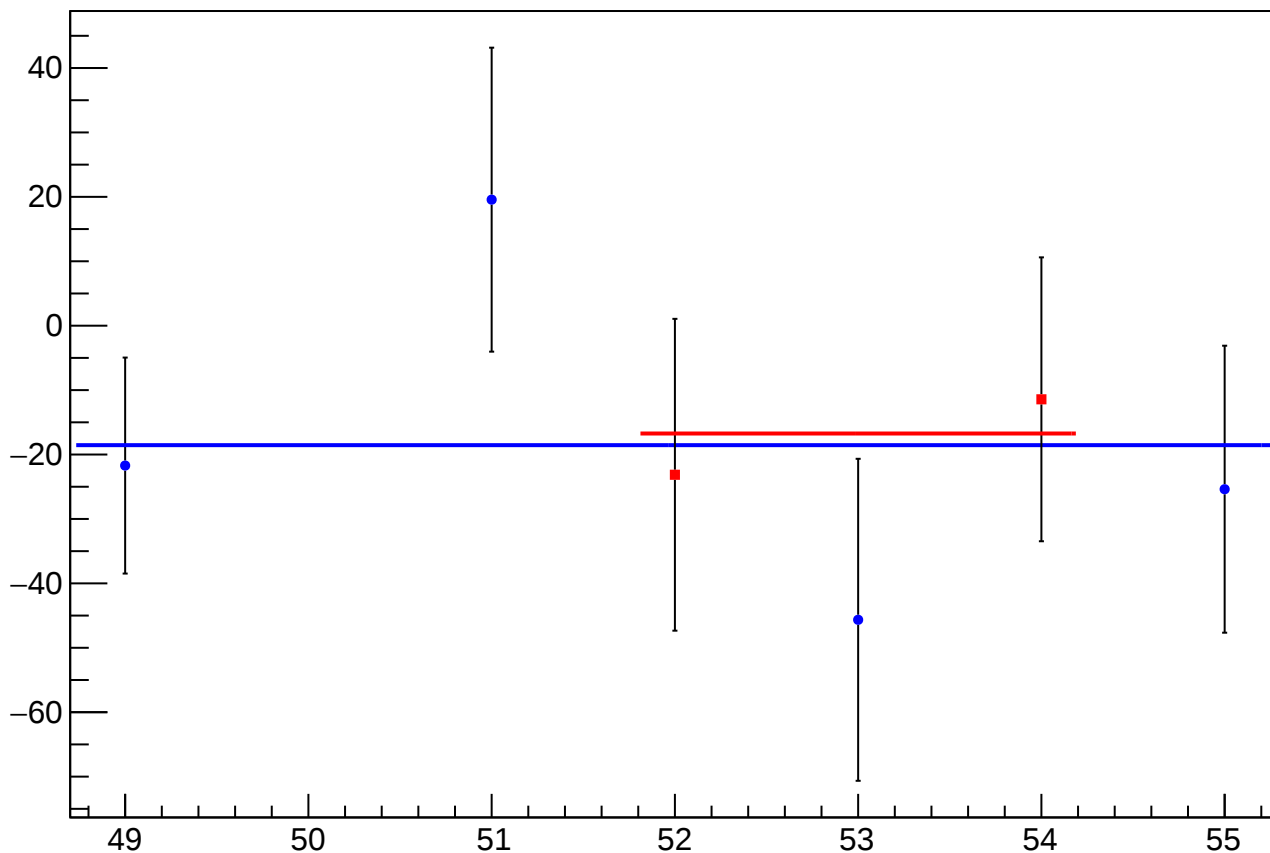
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds_dd_mean vs slug



Right In: -18.545+/-10.558 χ^2/NDF : 3.9/3

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

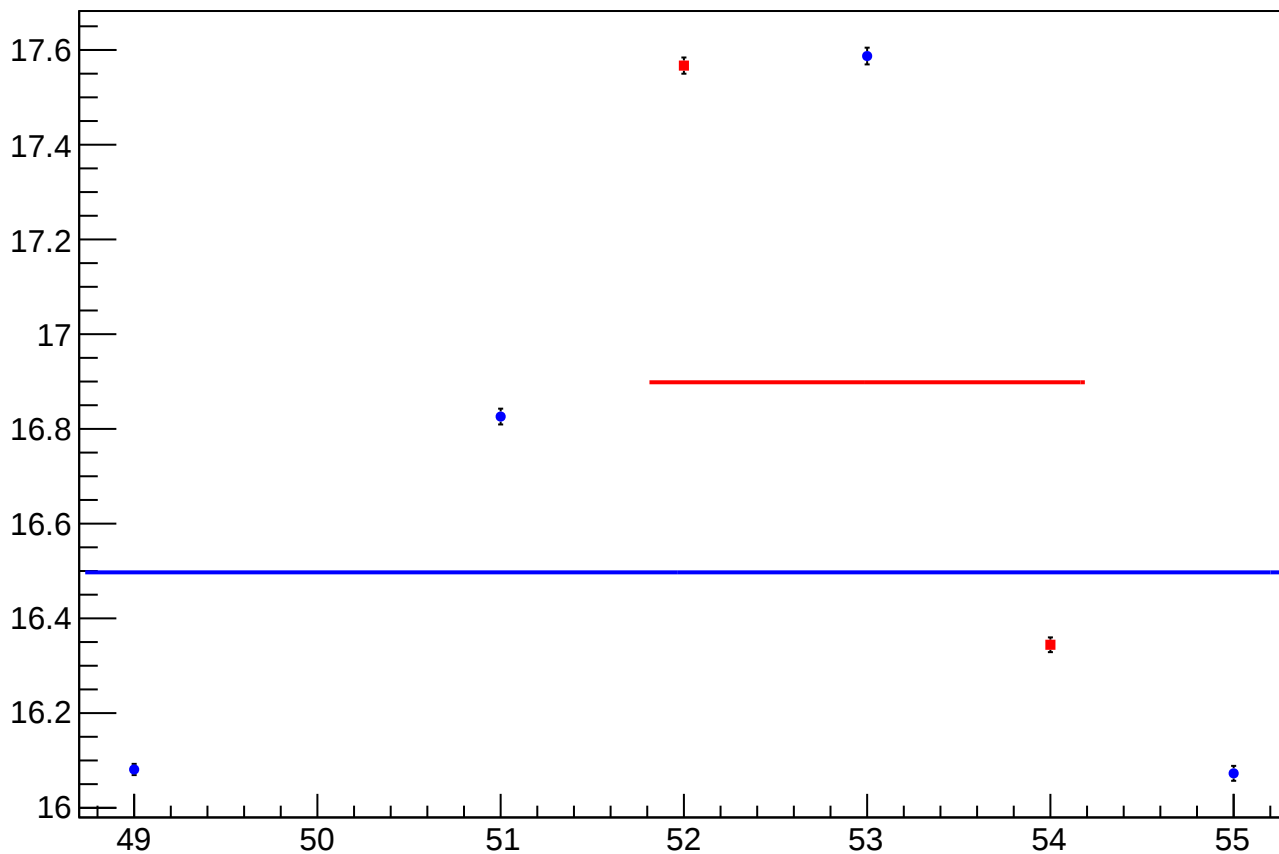
Right Out: -16.736+/-16.294 χ^2/NDF : 0.1/1

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

-18.545+/-10.558 χ^2/NDF : 3.9/3

-16.736+/-16.294 χ^2/NDF : 0.1/1

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.497 $\pm$ 0.007 χ^2 /NDF: 6151.8/3

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

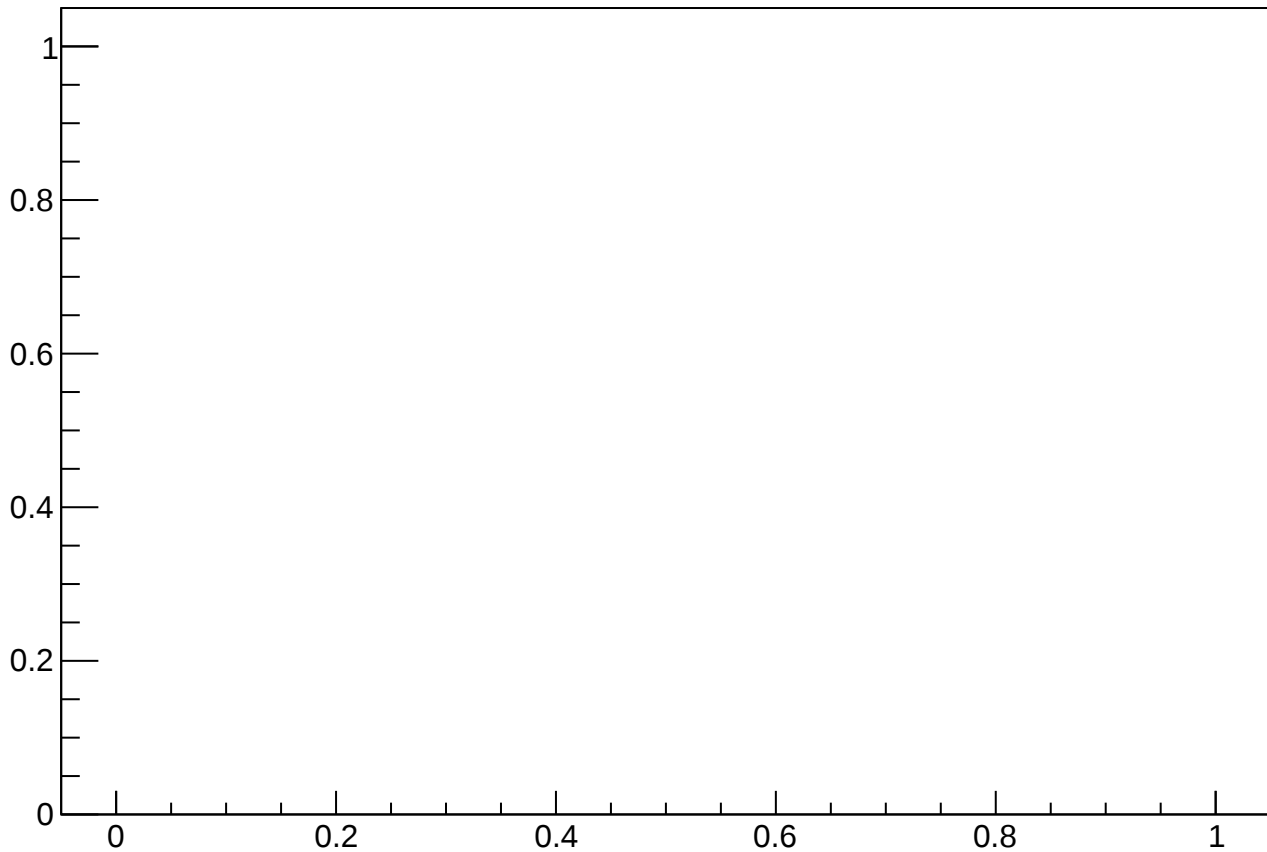
Right Out: 16.898 $\pm$ 0.012 χ^2 /NDF: 2791.2/1

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

16.497 $\pm$ 0.007 χ^2 /NDF: 6151.8/3

16.898 $\pm$ 0.012 χ^2 /NDF: 2791.2/1

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

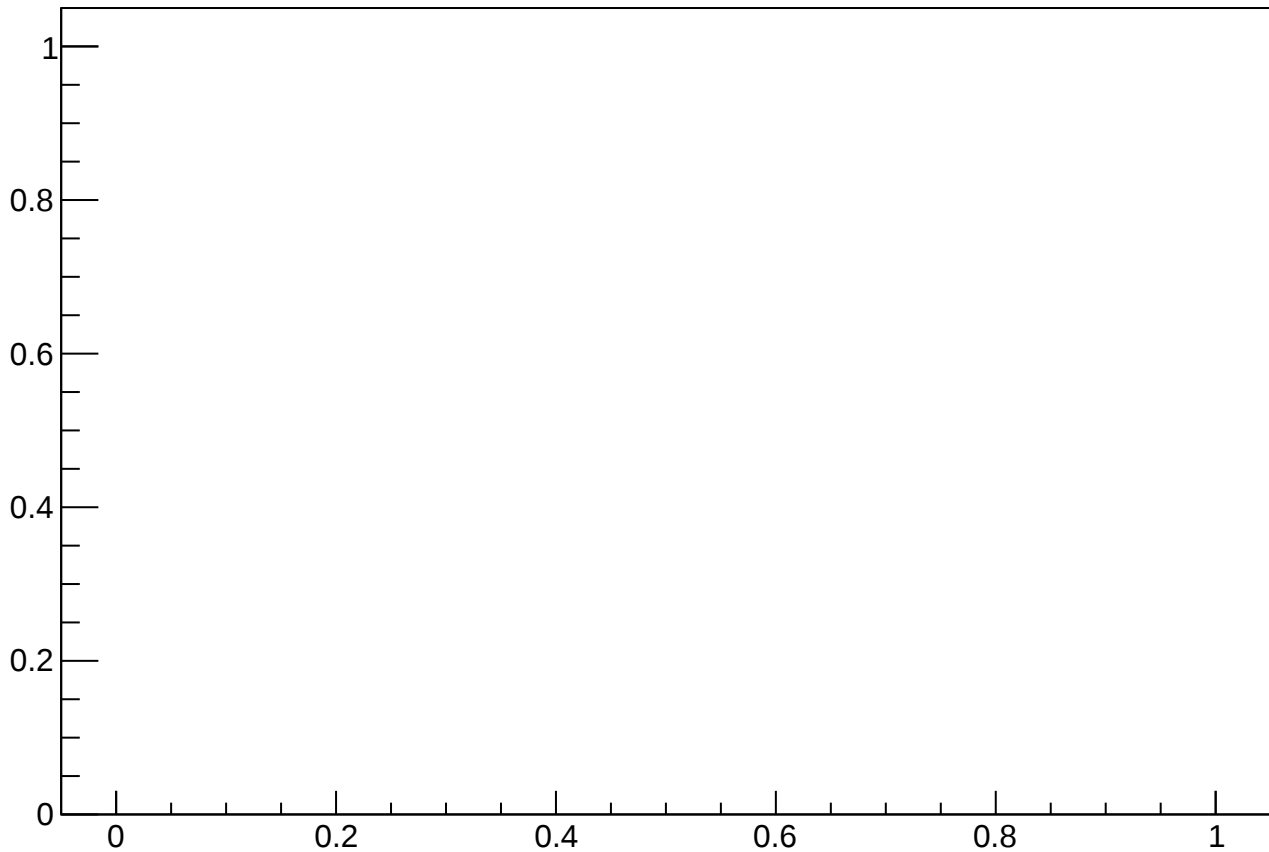
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

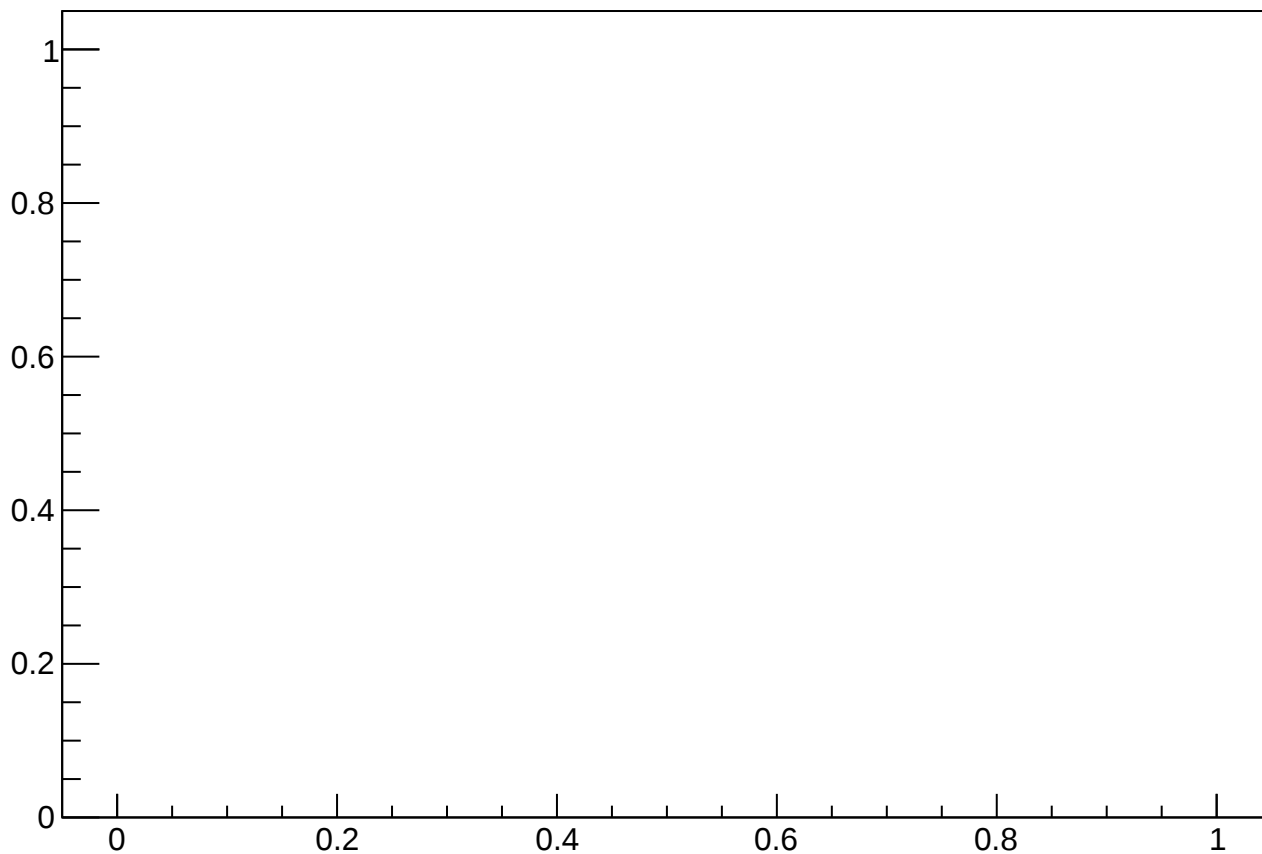
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_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

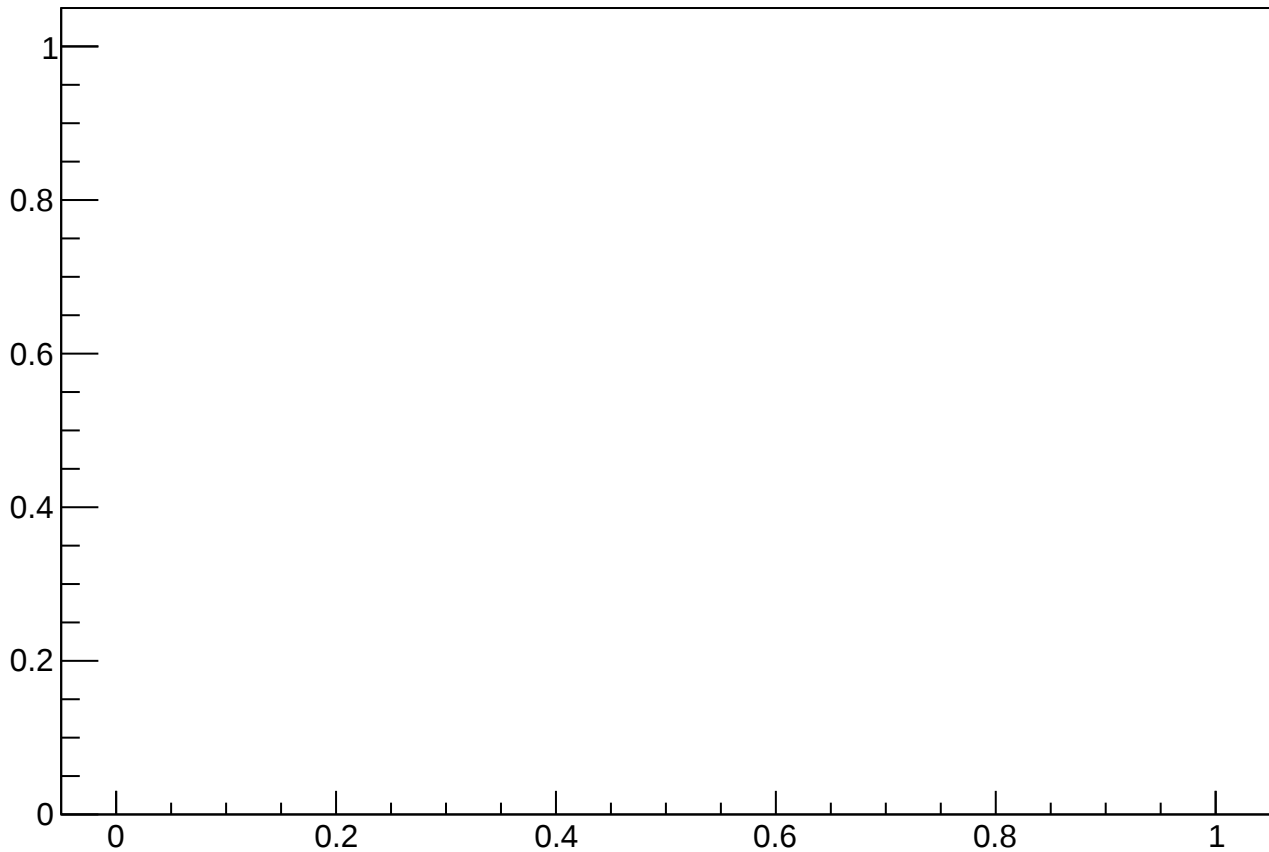
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

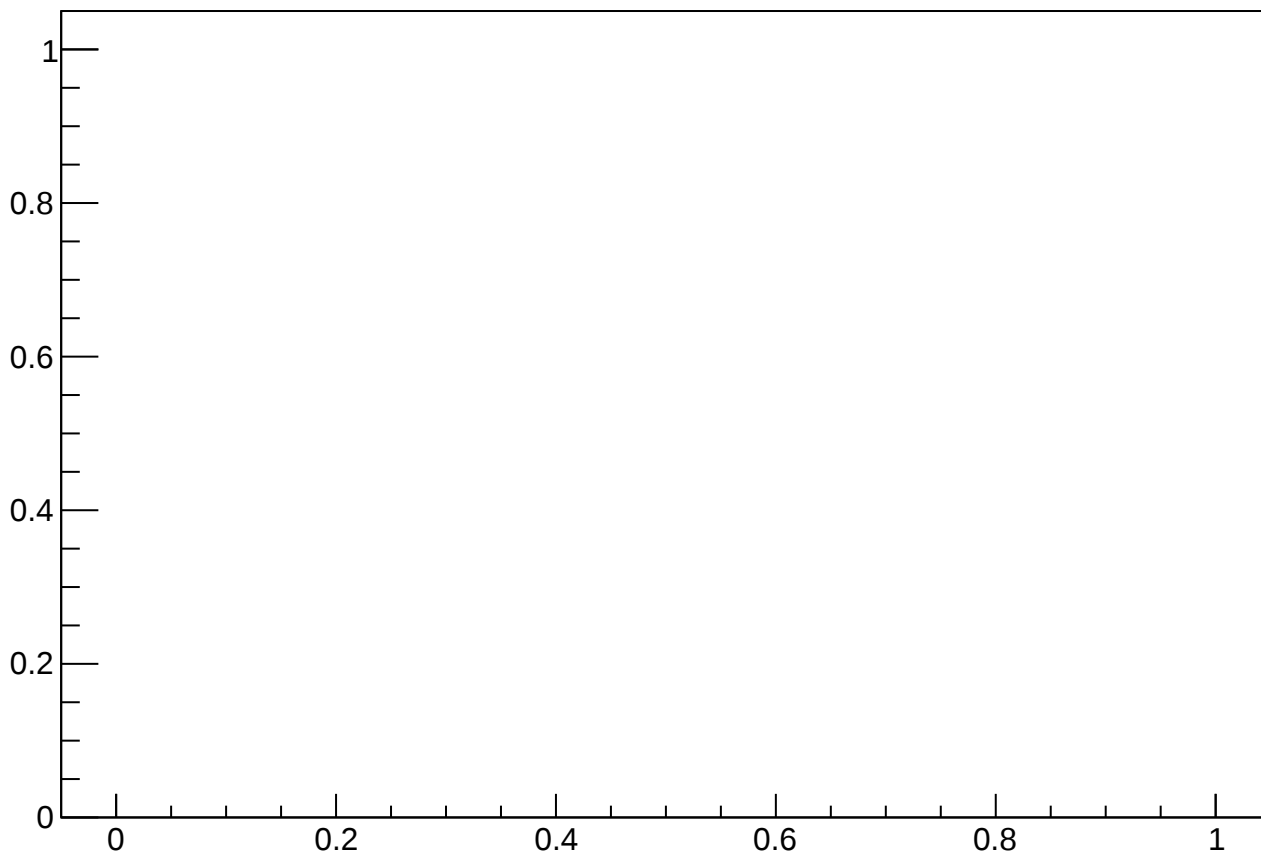
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

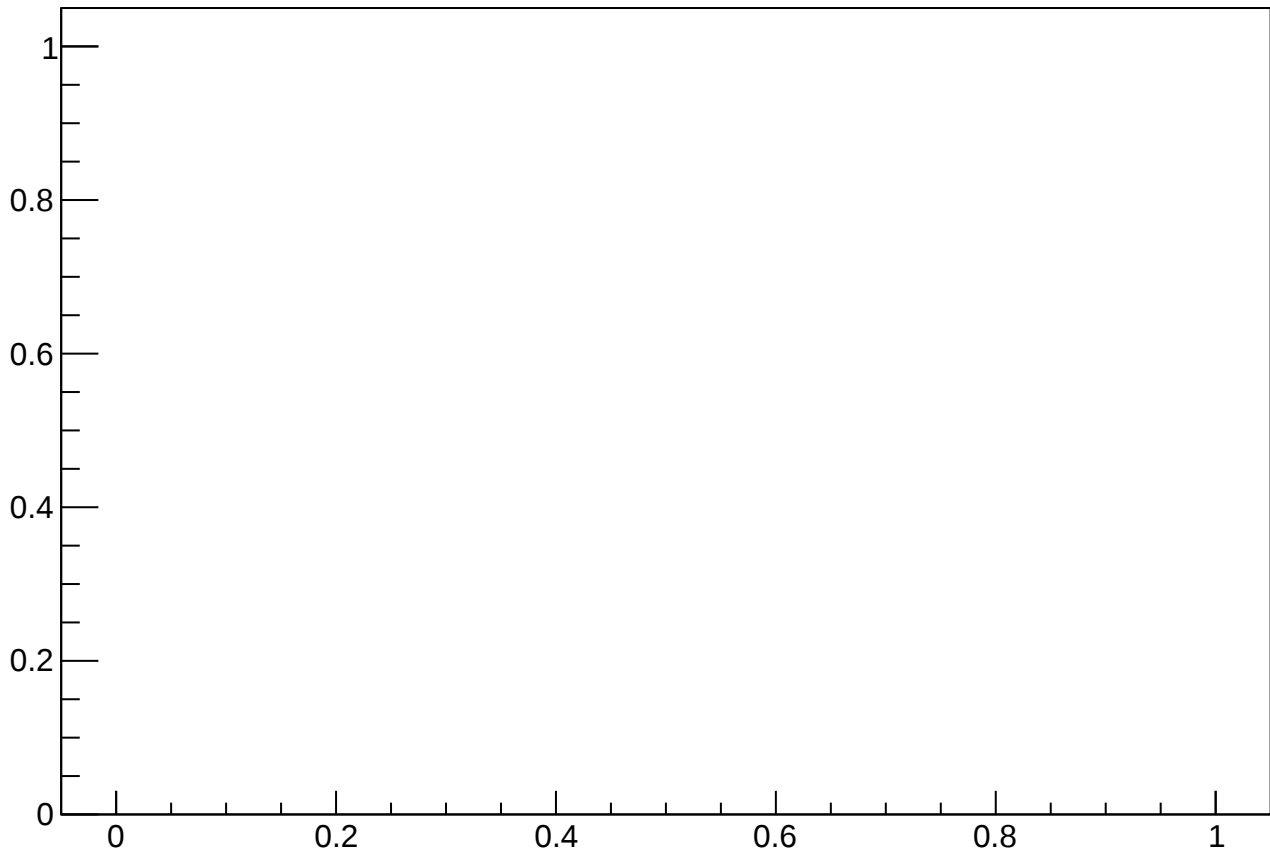
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

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

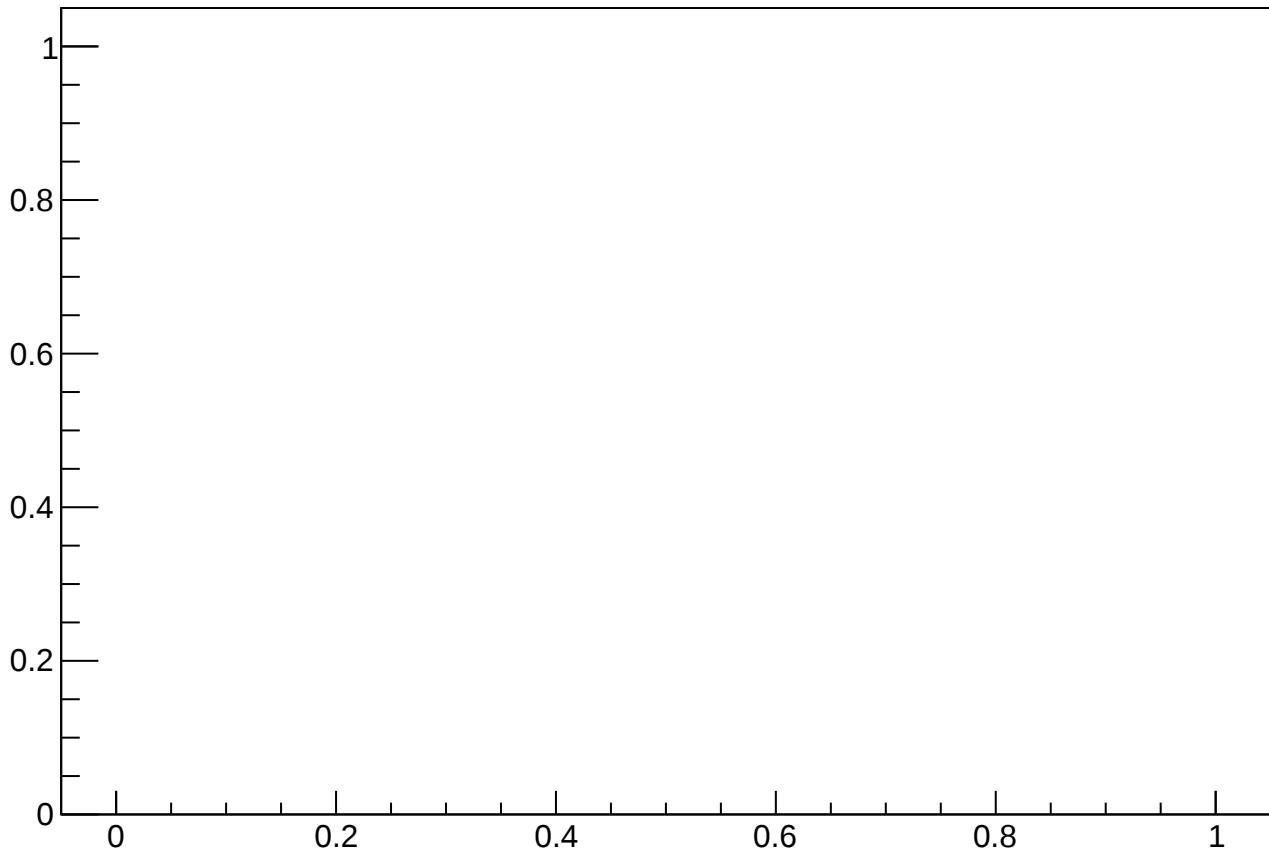
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_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

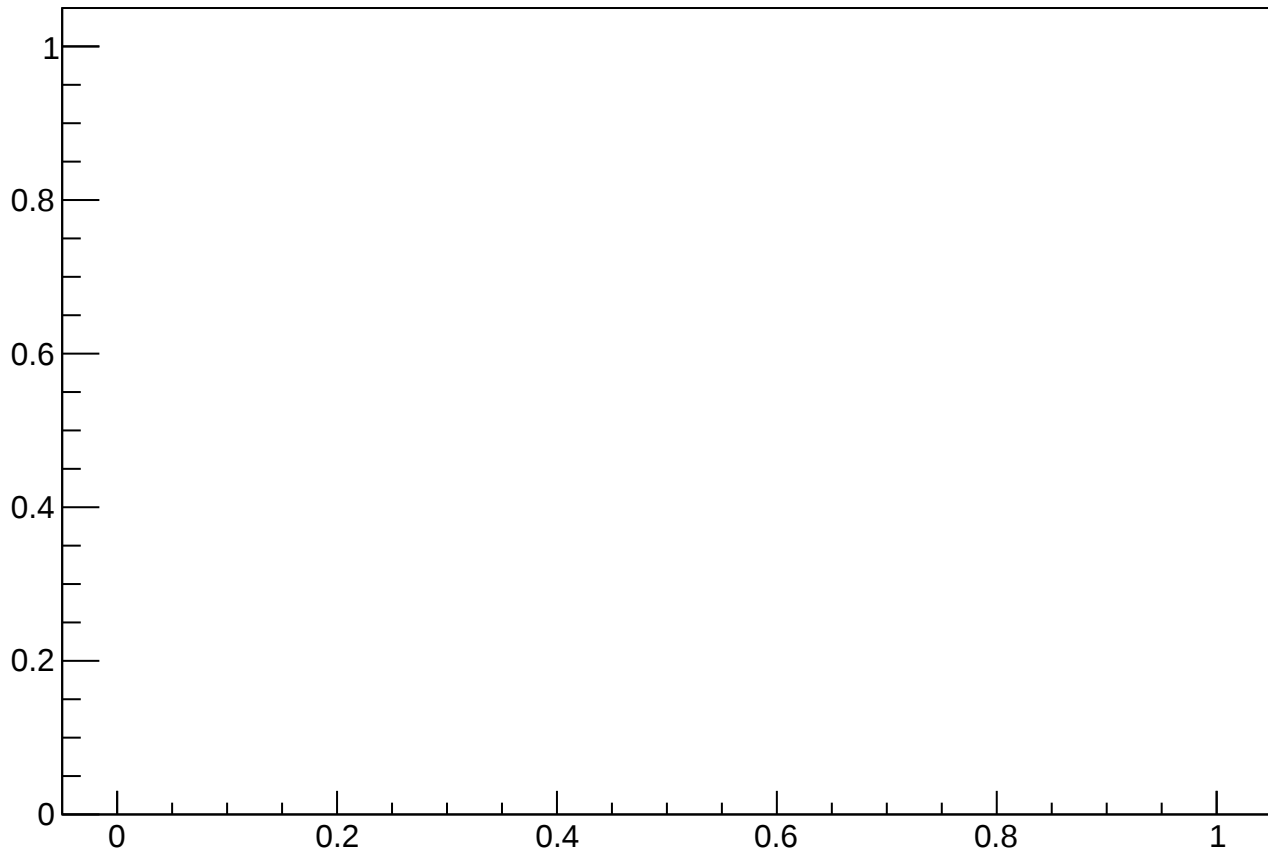
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_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

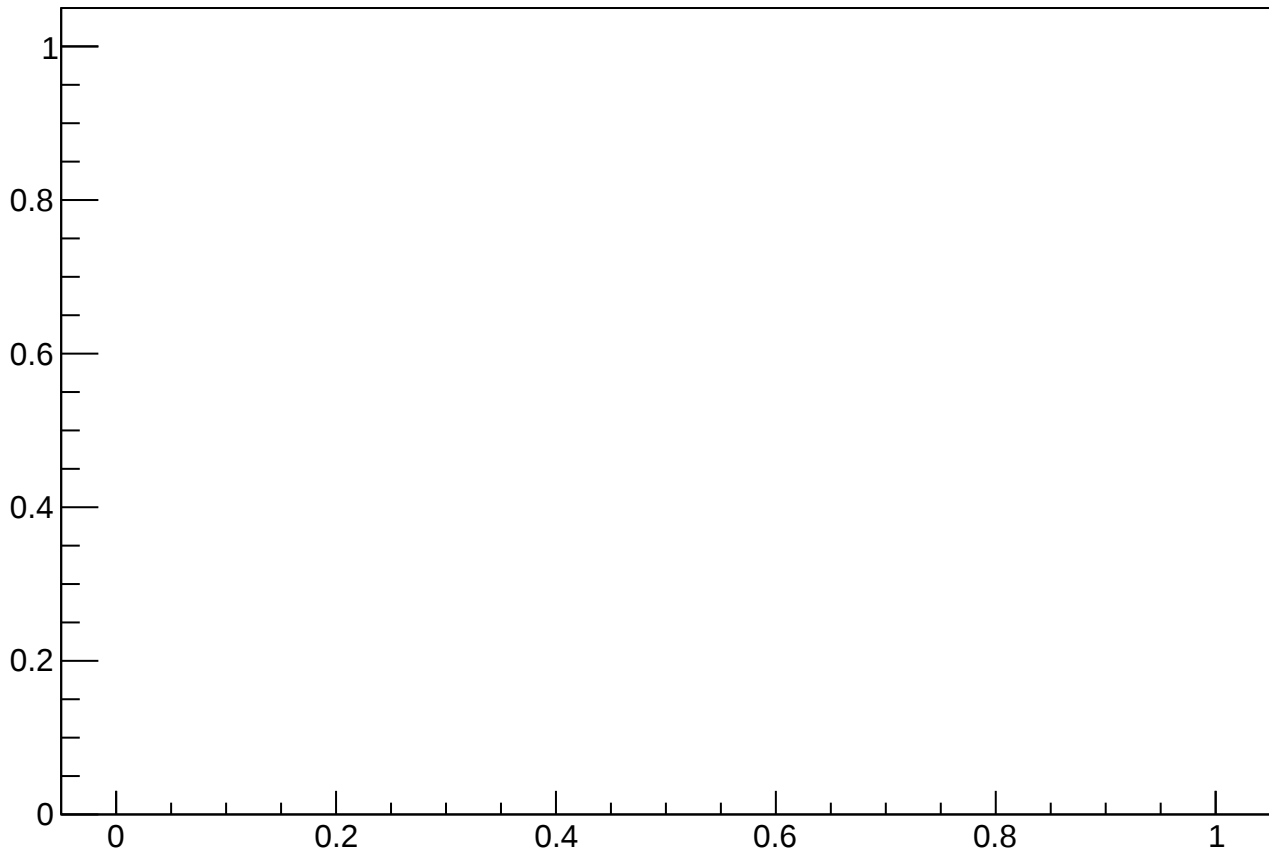
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

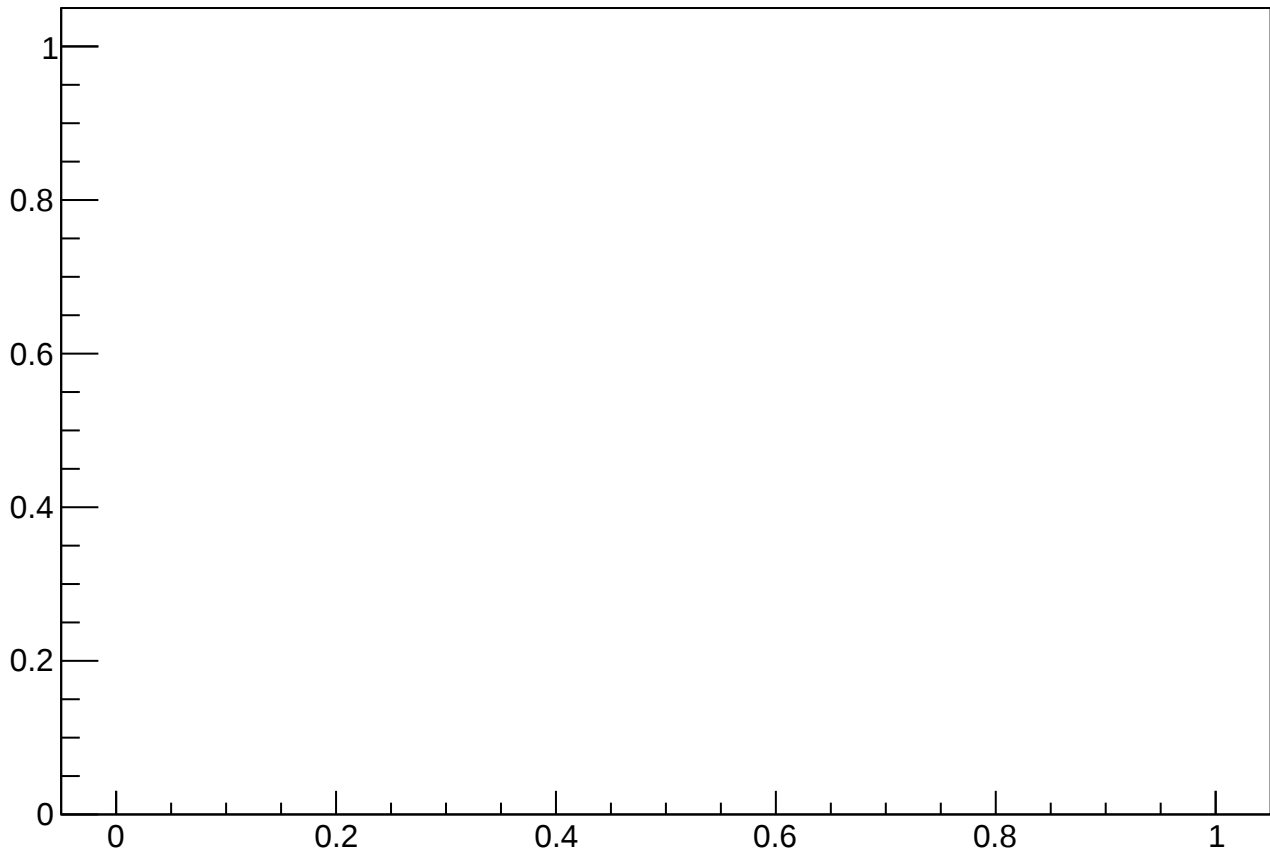
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

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

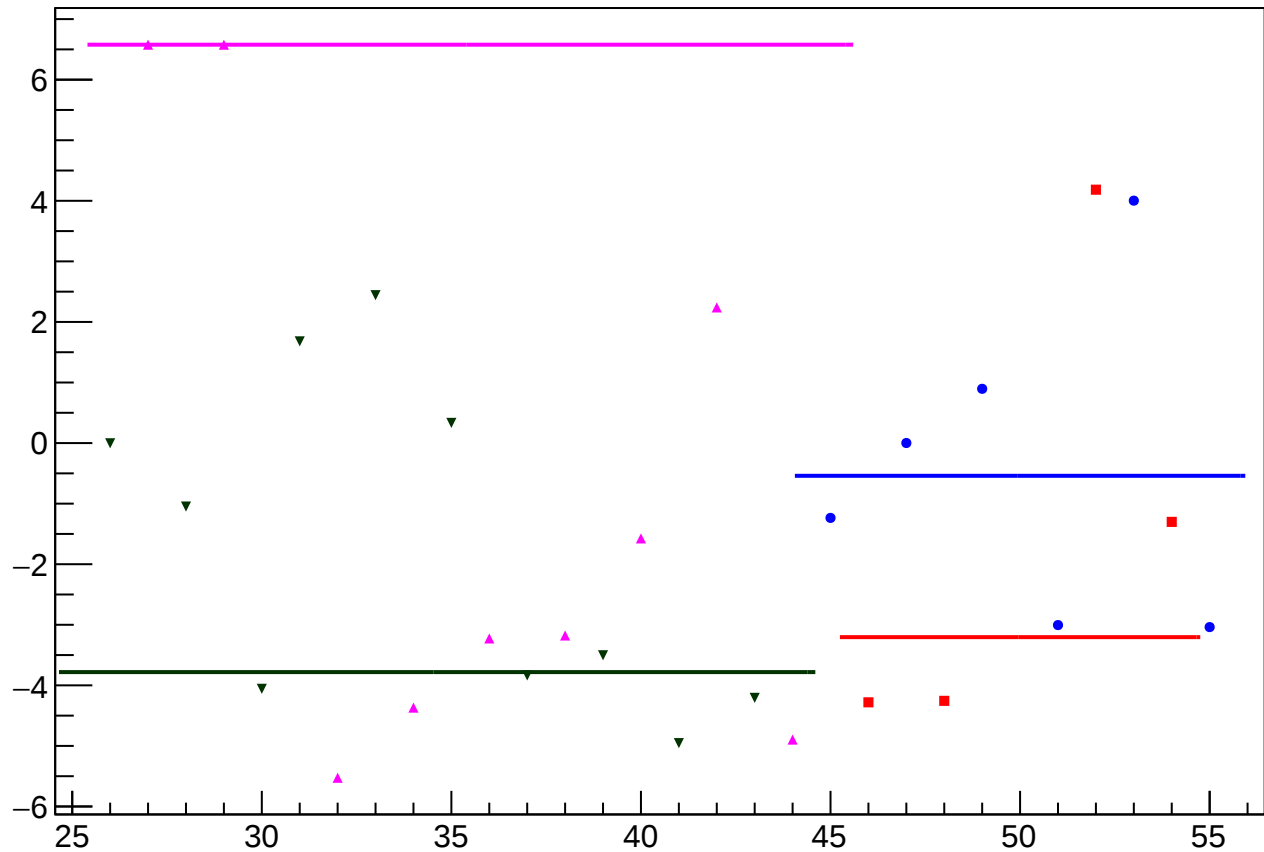
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -0.540 ± 0.001 χ^2/NDF : 2066145.6/5

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

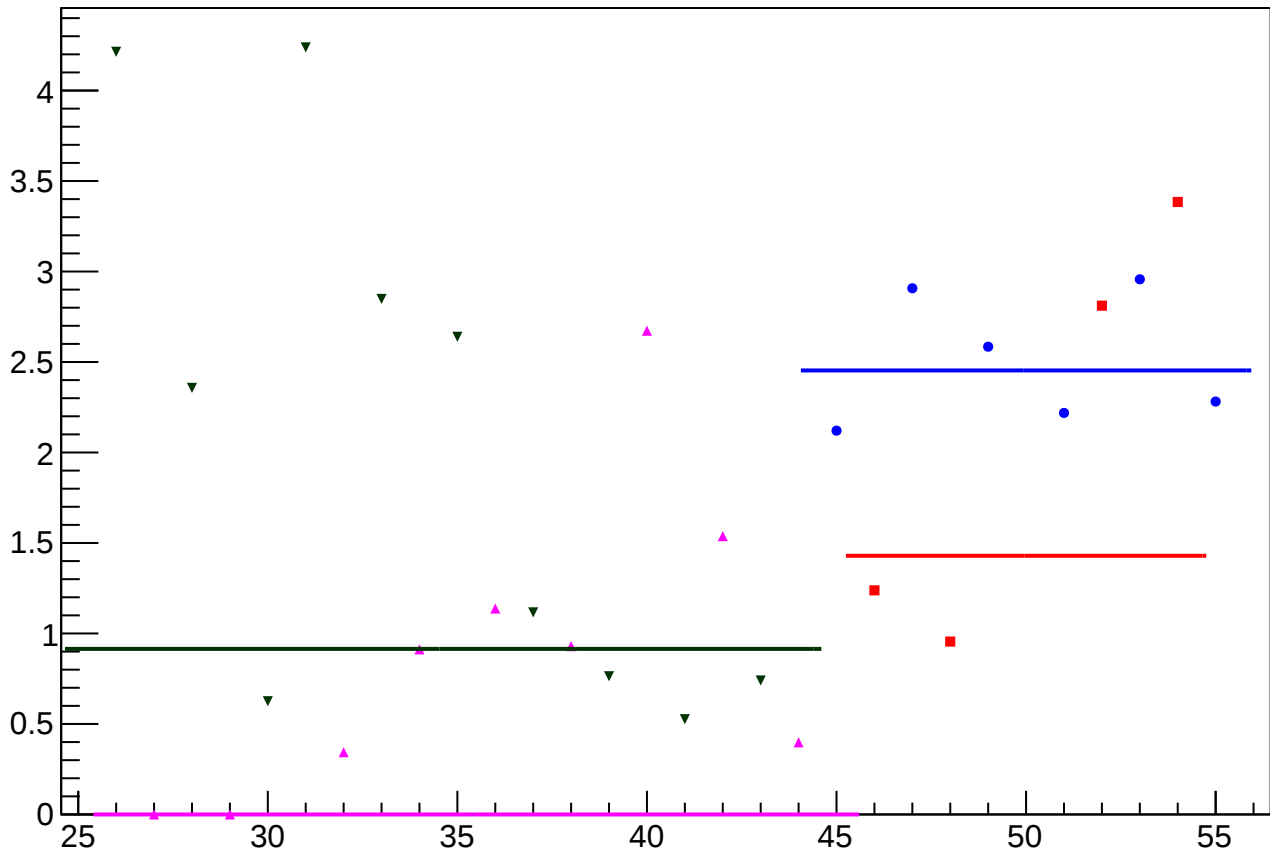
Right Out: -3.204 ± 0.001 χ^2/NDF : 3787682.9/3

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

-3.281 ± 0.001 χ^2/NDF : 11784940.9/15

6.578 ± 0.000 χ^2/NDF : 881124634.9/12

yield_cav4bX_rms vs slug



Right In: 2.453+/-0.001 χ^2/NDF : 85418.5/5

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

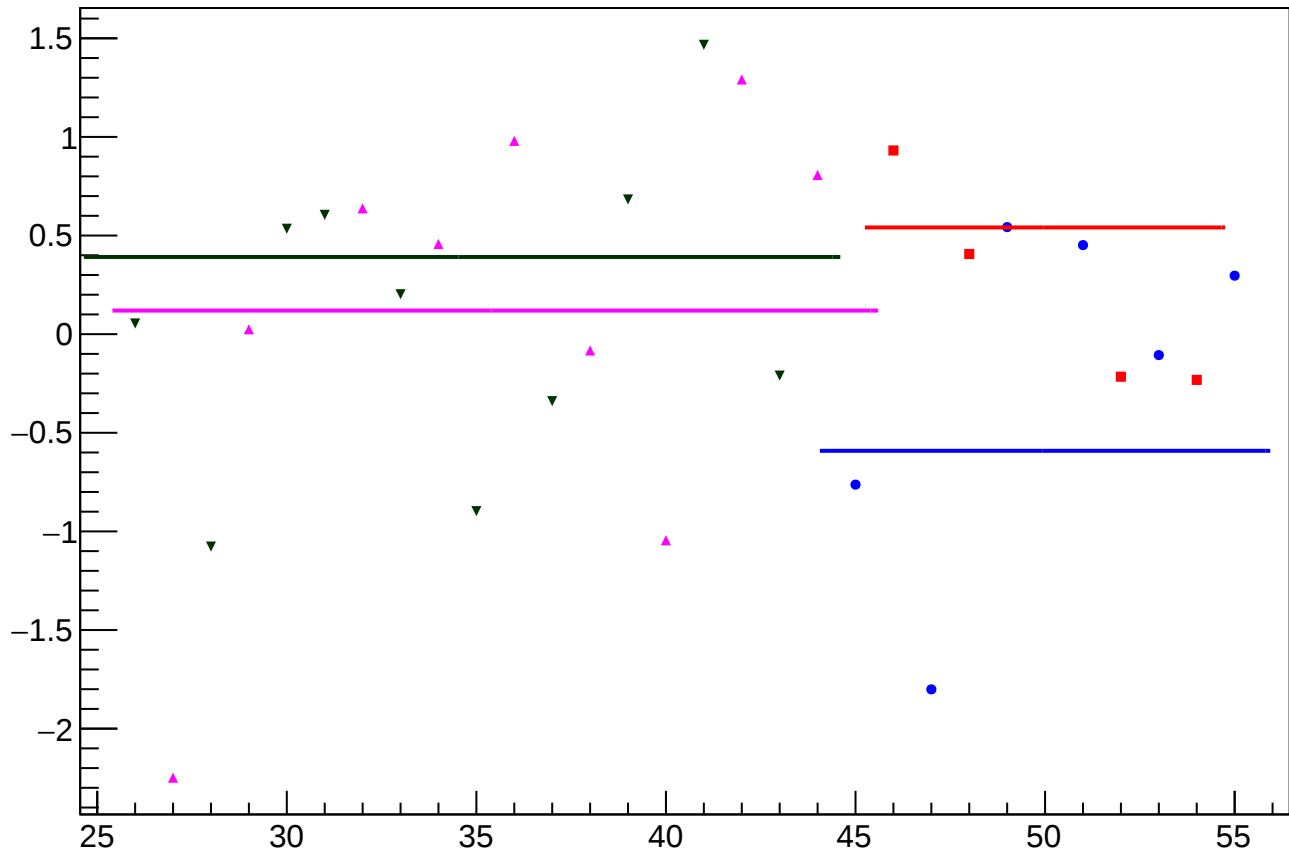
1.152+/-0.000 χ^2/NDF : 4415255.0/15

Right Out: 1.429+/-0.001 χ^2/NDF : 672636.9/3

0.000+/-0.000 χ^2/NDF : 7642997.0/12

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

yield_cav4bY_mean vs slug



Right In: -0.591 ± 0.001 χ^2/NDF : 1717282.8/5

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

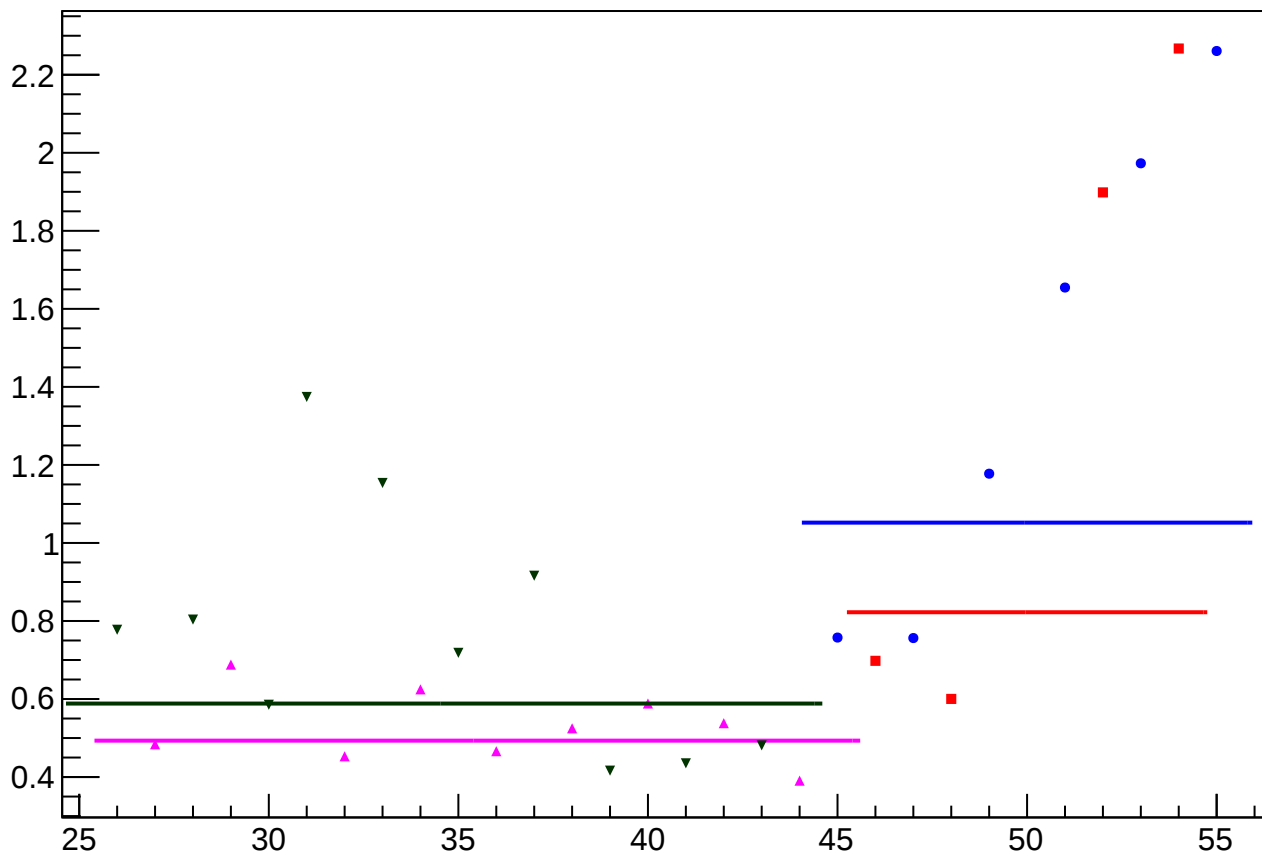
Right Out: 0.541 ± 0.001 χ^2/NDF : 283819.4/3

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

0.214 ± 0.000 χ^2/NDF : 10322420.1/15

0.167 ± 0.000 χ^2/NDF : 20691171.7/12

yield_cav4bY_rms vs slug



Right In: 1.052+/-0.000 χ^2/NDF : 867671.3/5

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

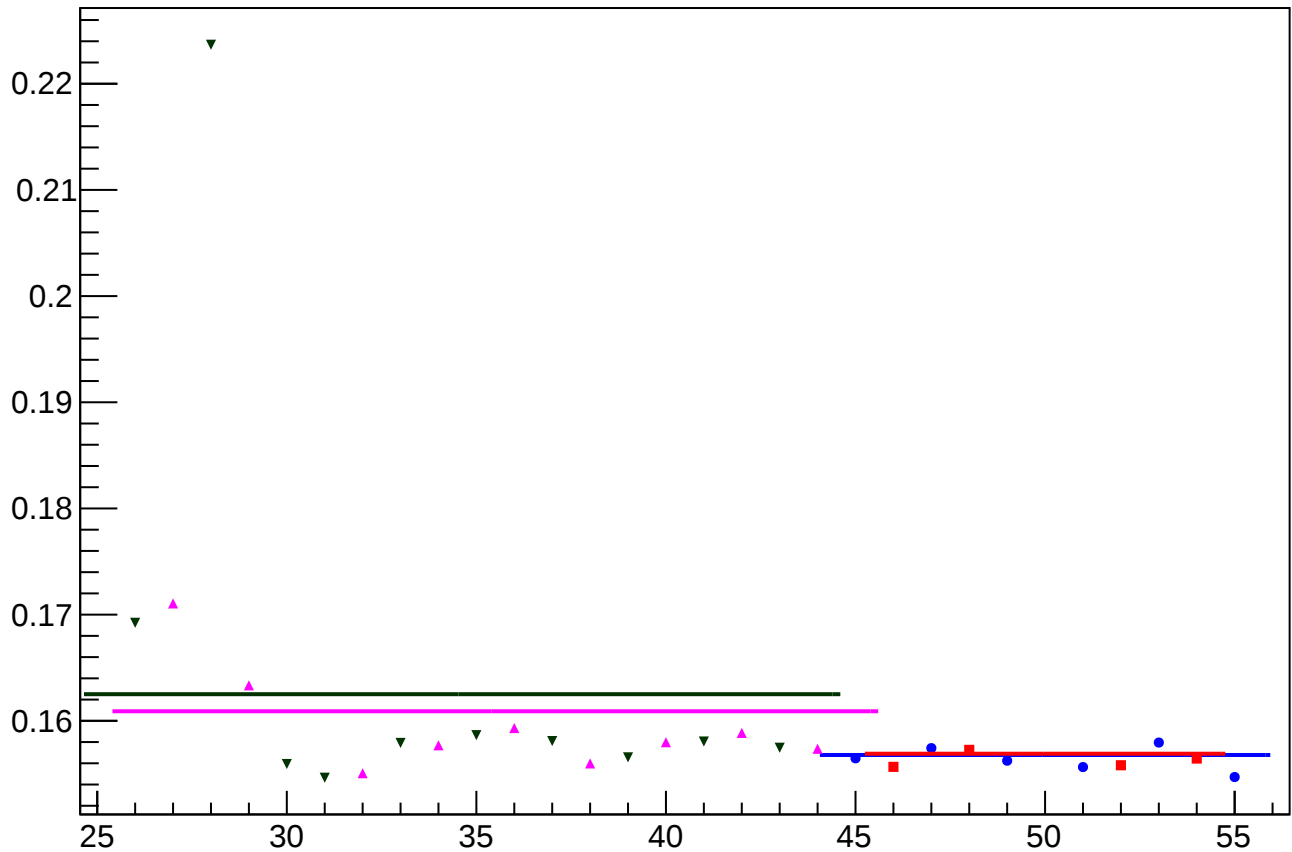
Right Out: 0.822+/-0.001 χ^2/NDF : 887272.7/3

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

0.672+/-0.000 χ^2/NDF : 2520734.5/15

0.530+/-0.000 χ^2/NDF : 1483204.4/12

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 108369.8/5

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

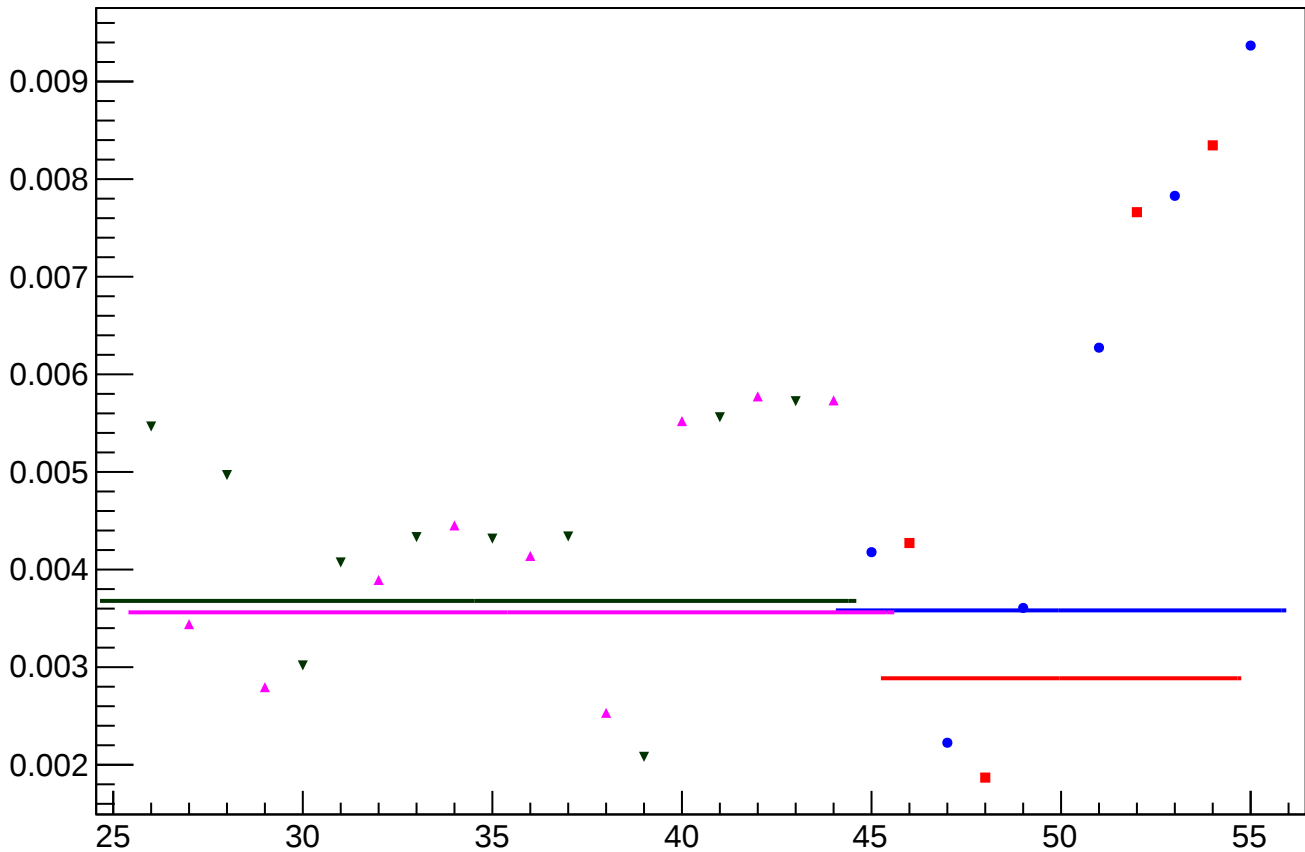
Right Out: 0.157+/-0.000 χ^2/NDF : 62390.7/3

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

0.160+/-0.000 χ^2/NDF : 106099497.3/15

0.160+/-0.000 χ^2/NDF : 13485252.8/12

yield_cav4cX_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 1197733.4/5

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

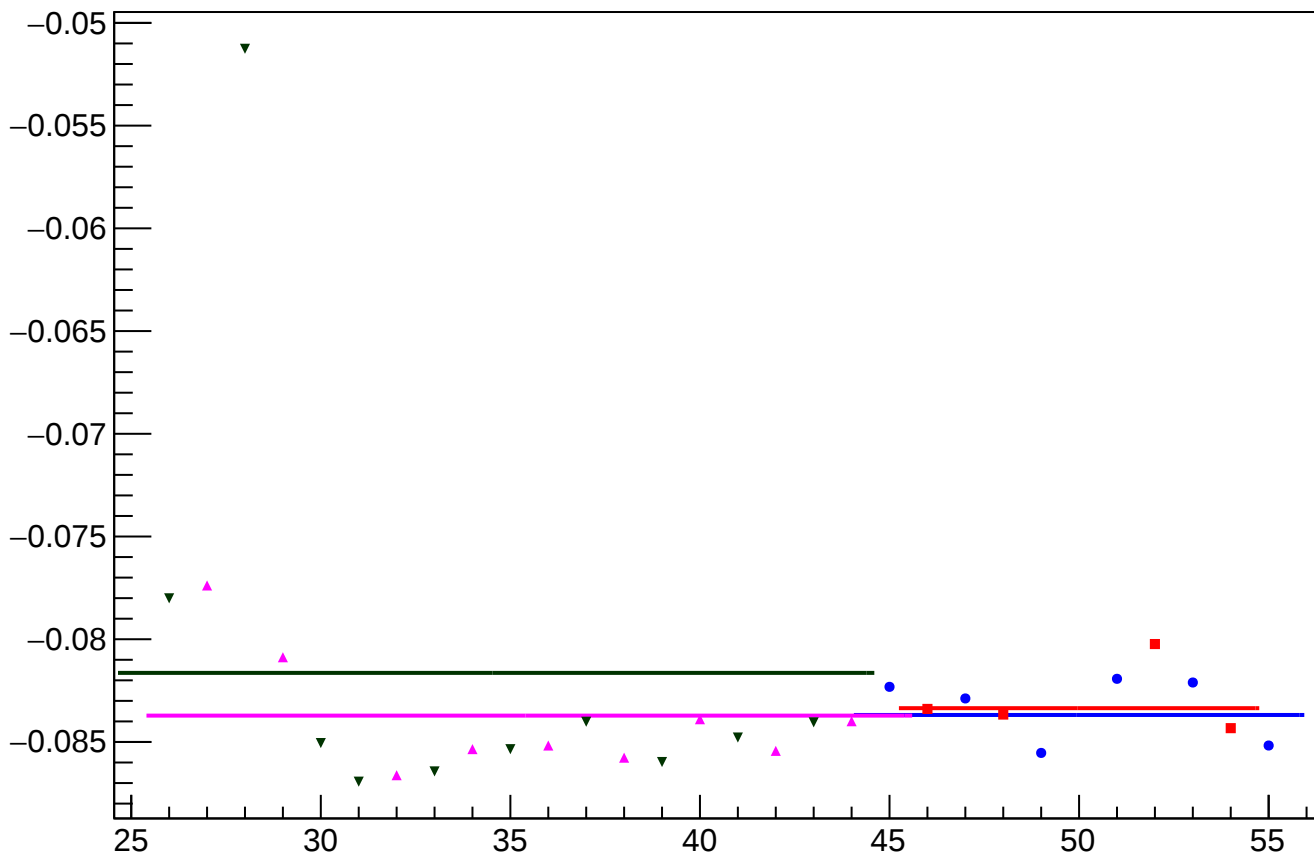
0.004+/-0.000 χ^2/NDF : 2248954.9/15

Right Out: 0.003+/-0.000 χ^2/NDF : 1183277.2/3

0.003+/-0.000 χ^2/NDF : 2034177.1/12

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

yield_cav4cY_mean vs slug



Right In: -0.084+/-0.000 χ^2/NDF : 310712.6/5

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

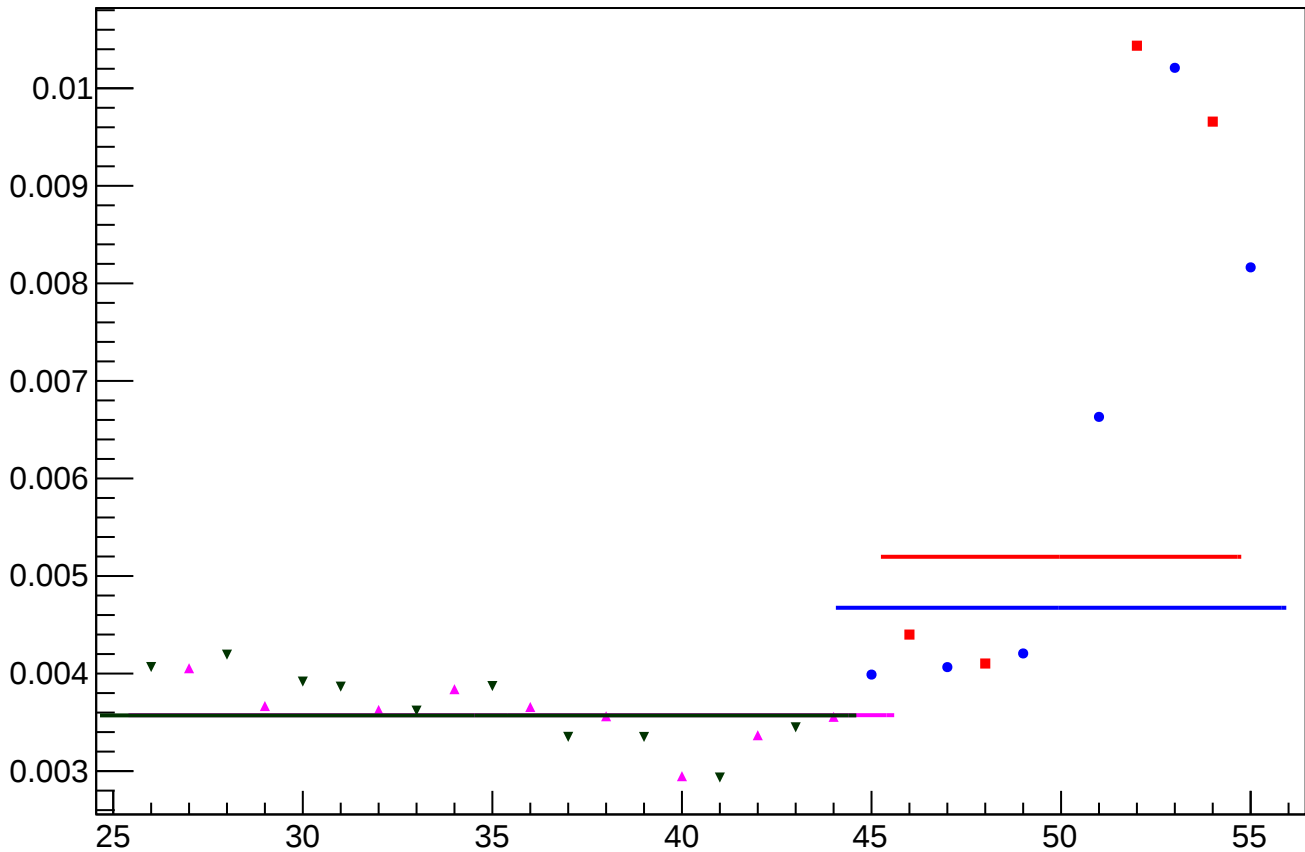
Right Out: -0.083+/-0.000 χ^2/NDF : 51017.0/3

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

-0.082+/-0.000 χ^2/NDF : 36654862.5/15

-0.084+/-0.000 χ^2/NDF : 3578246.9/12

yield_cav4cY_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 585541.2/5

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

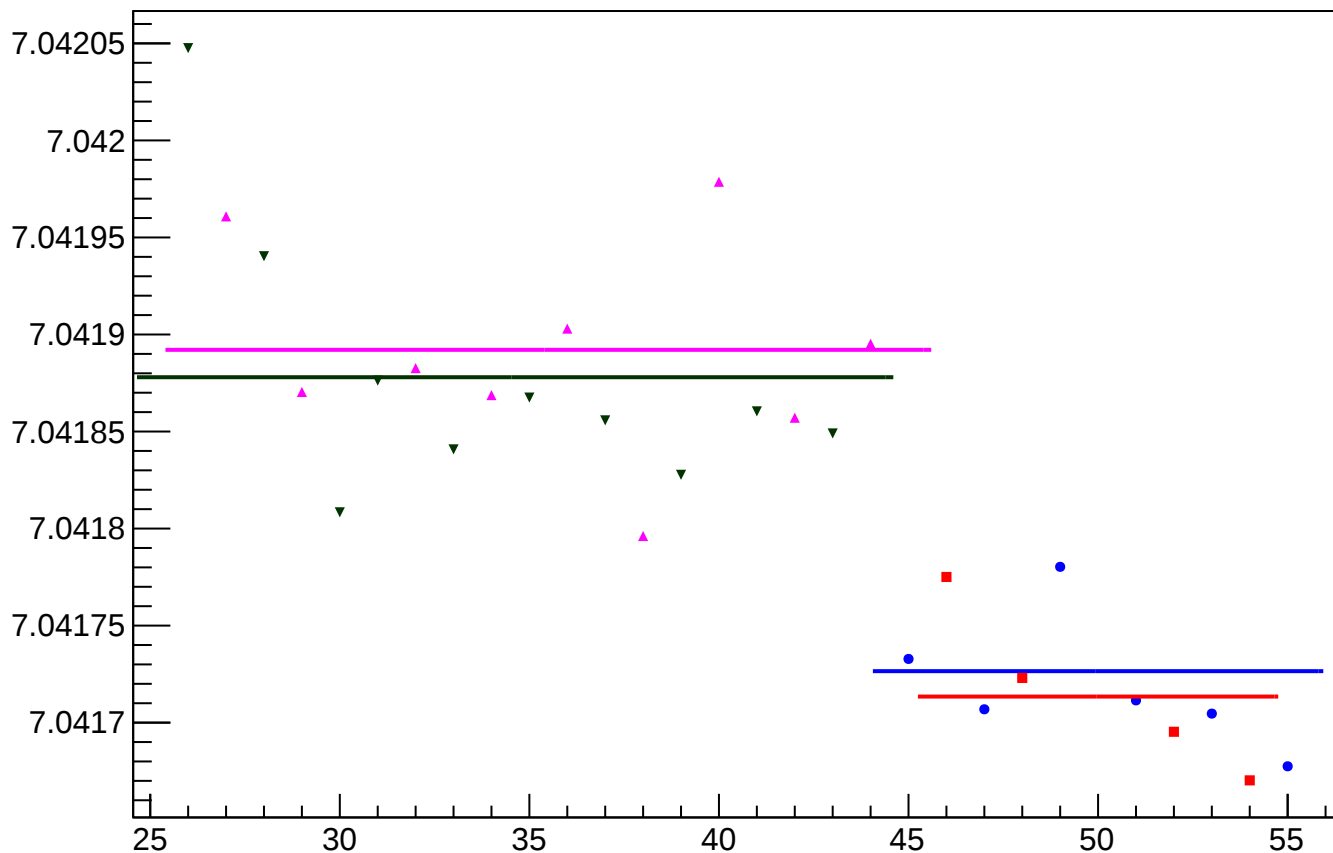
0.004+/-0.000 χ^2/NDF : 953141.8/15

Right Out: 0.005+/-0.000 χ^2/NDF : 547589.1/3

0.004+/-0.000 χ^2/NDF : 899303.7/12

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

yield_cav4dX_mean vs slug



Right In: 7.042 $\pm$ 0.000 χ^2 /NDF: 157884.8/5

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

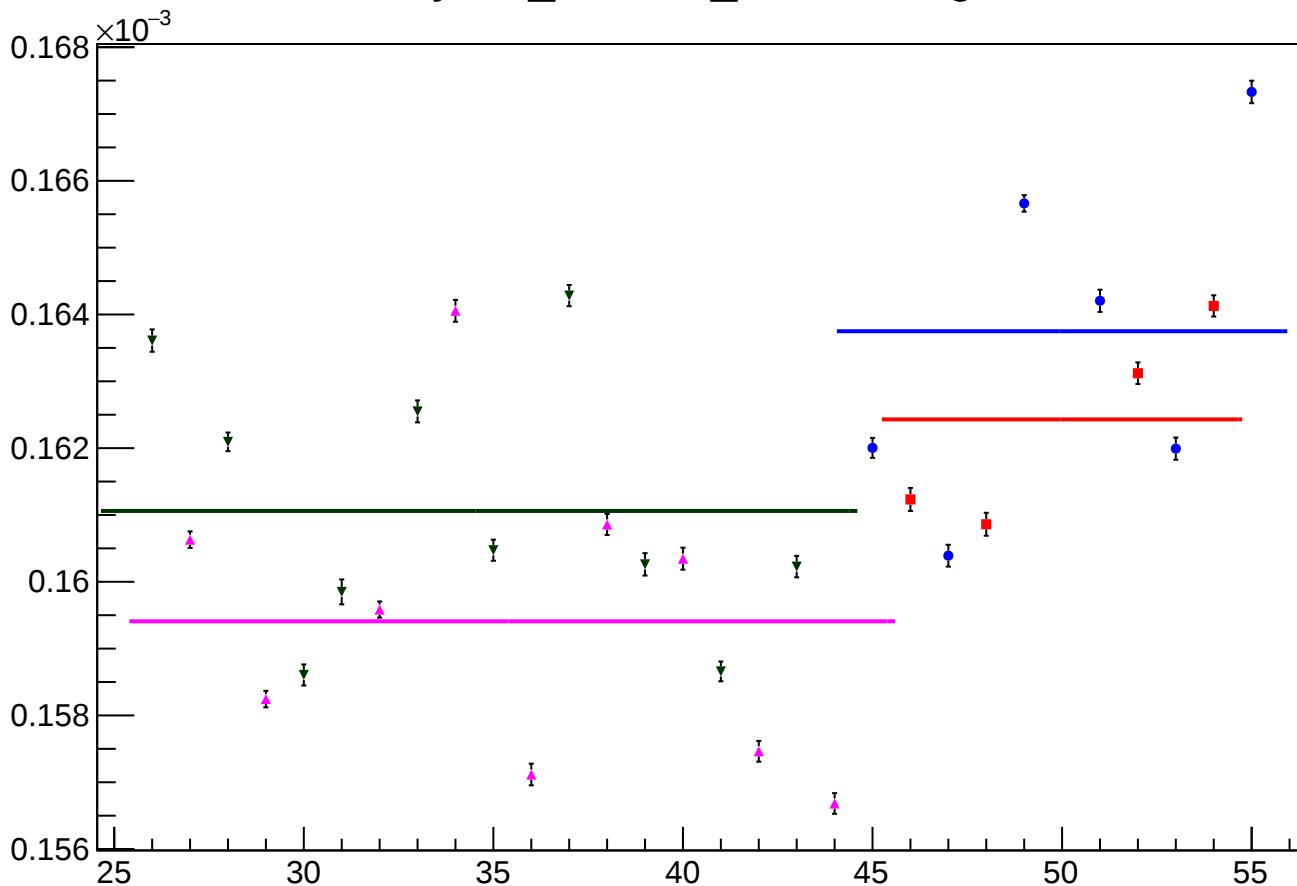
Right Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 108736.3/3

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

7.042 $\pm$ 0.000 χ^2 /NDF: 2750586.6/15

7.042 $\pm$ 0.000 χ^2 /NDF: 2381517.1/12

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 1371.1/5

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

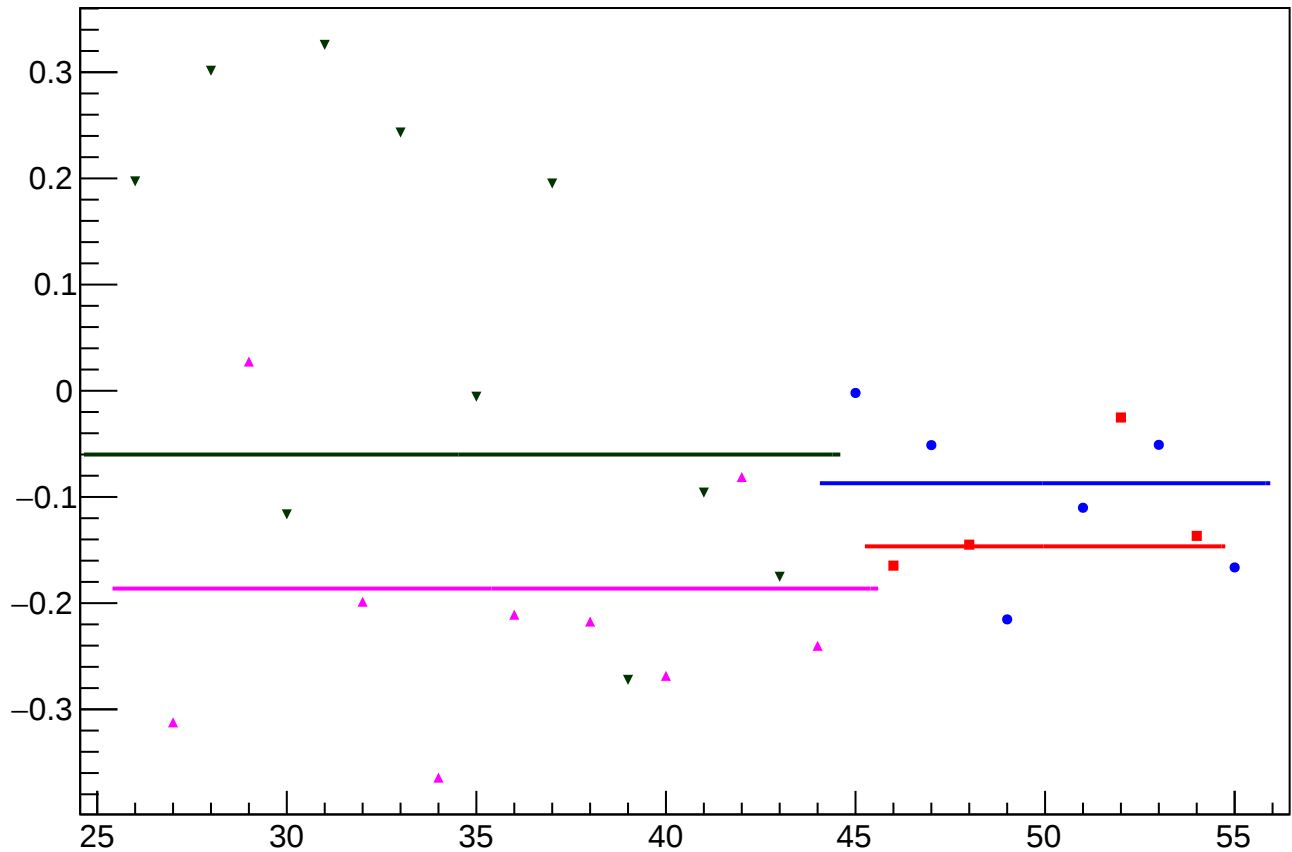
Right Out: 0.000+/-0.000 χ^2/NDF : 264.3/3

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

0.000+/-0.000 χ^2/NDF : 3885.1/15

0.000+/-0.000 χ^2/NDF : 3035.3/12

yield_cav4dY_mean vs slug



Right In: -0.087 ± 0.000 χ^2/NDF : 882384.6/5

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

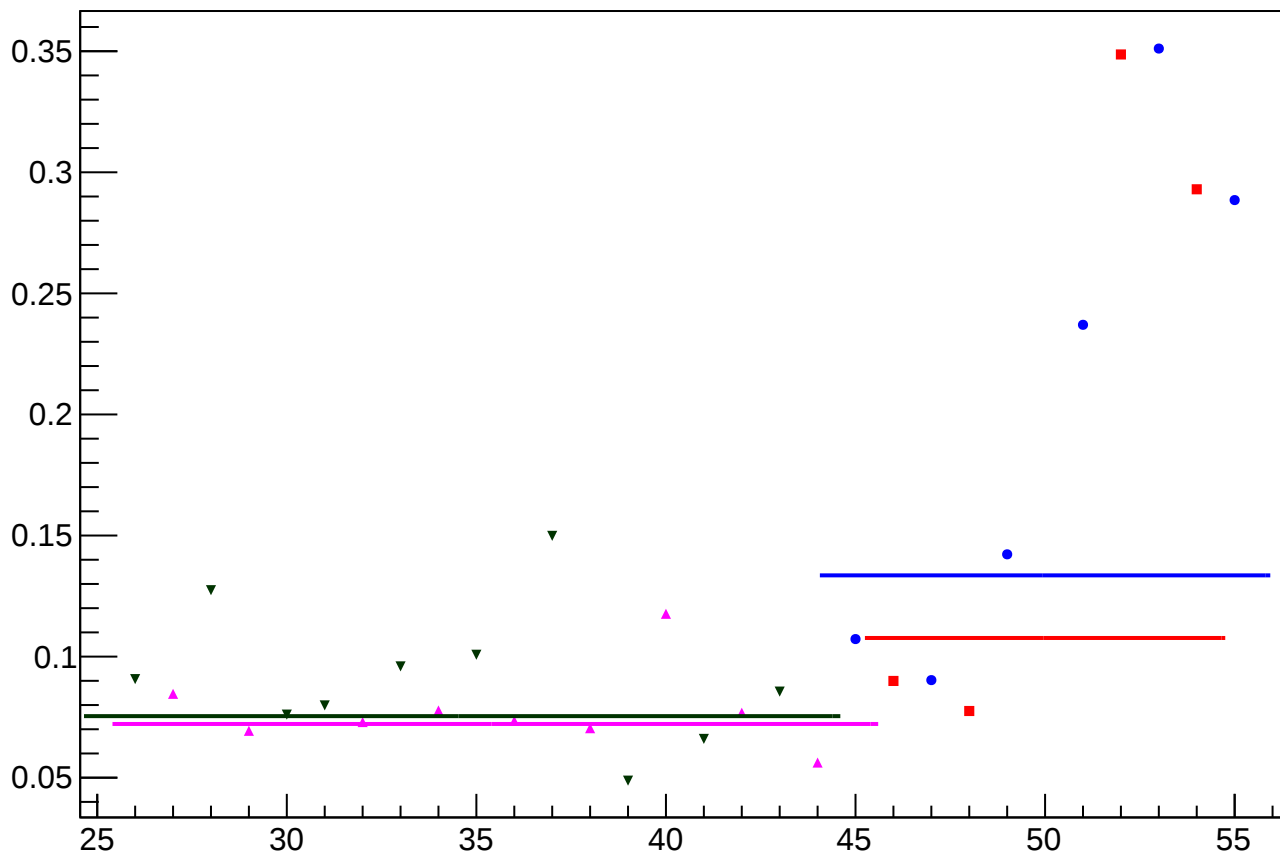
Right Out: -0.147 ± 0.000 χ^2/NDF : 71681.0/3

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

-0.066 ± 0.000 χ^2/NDF : 20476848.0/15

-0.181 ± 0.000 χ^2/NDF : 8561716.7/12

yield_cav4dY_rms vs slug



Right In: 0.134+/-0.000 χ^2/NDF : 1021367.2/5

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

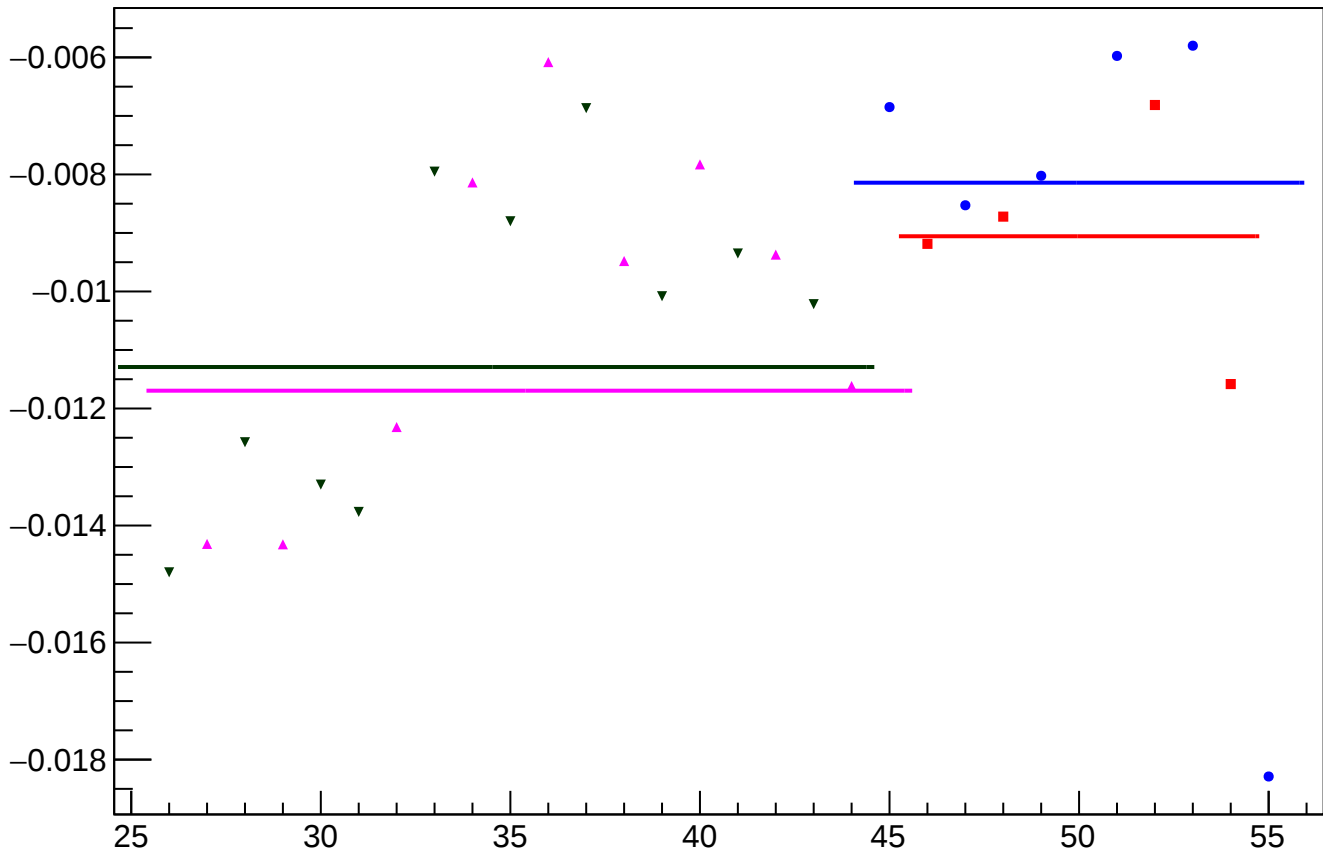
Right Out: 0.108+/-0.000 χ^2/NDF : 989772.5/3

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

0.088+/-0.000 χ^2/NDF : 2293934.3/15

0.077+/-0.000 χ^2/NDF : 1389981.0/12

yield_bpm4aX_mean vs slug



Right In: -0.008+/-0.000 χ^2 /NDF: 253924.3/5

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

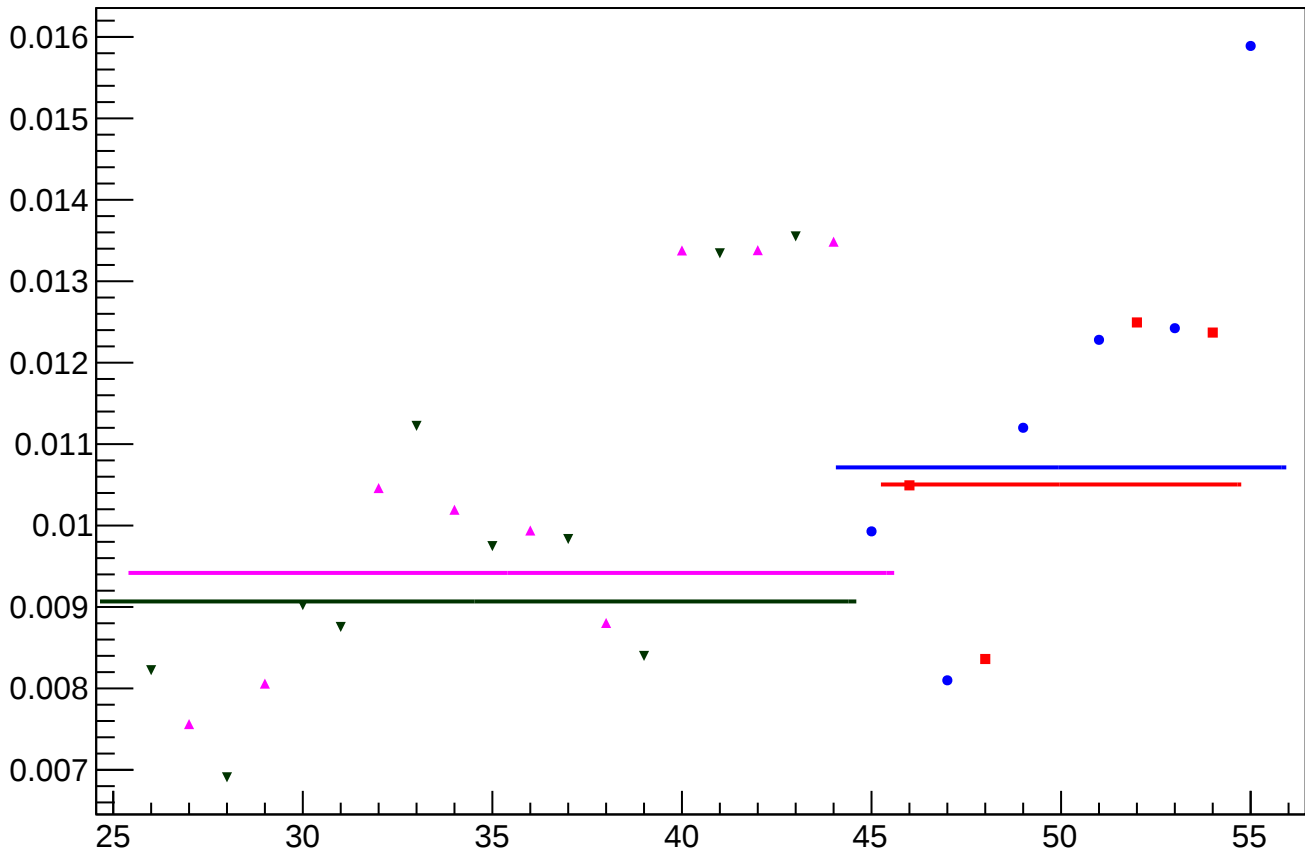
Right Out: -0.009+/-0.000 χ^2 /NDF: 40469.8/3

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

-0.010+/-0.000 χ^2 /NDF: 827373.8/15

-0.011+/-0.000 χ^2 /NDF: 626934.8/12

yield_bpm4aX_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 259060.0/5

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

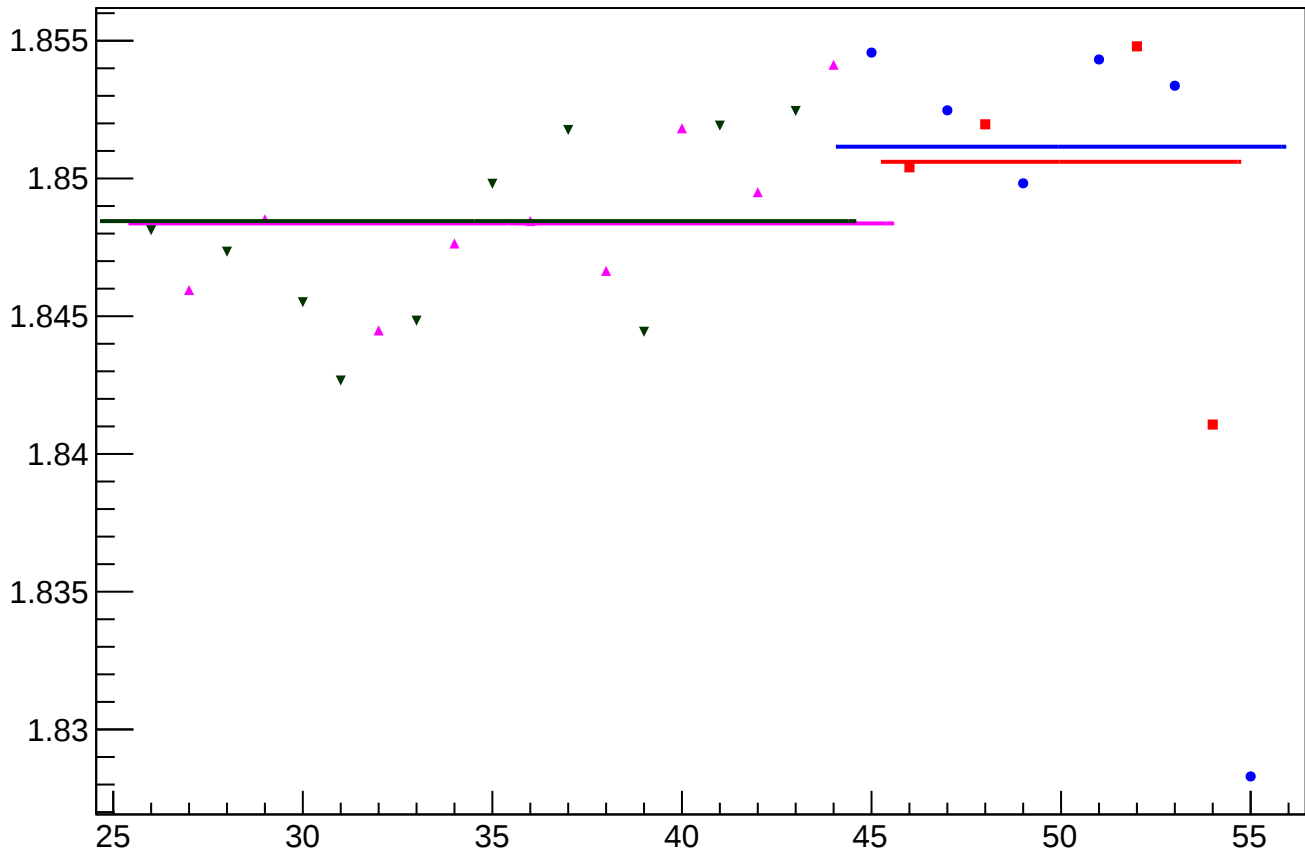
0.010+/-0.000 χ^2/NDF : 788503.8/15

Right Out: 0.011+/-0.000 χ^2/NDF : 108447.7/3

0.010+/-0.000 χ^2/NDF : 588116.5/12

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

yield_bpm4aY_mean vs slug



Right In: 1.851 ± 0.000 χ^2/NDF : 257006.0/5

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

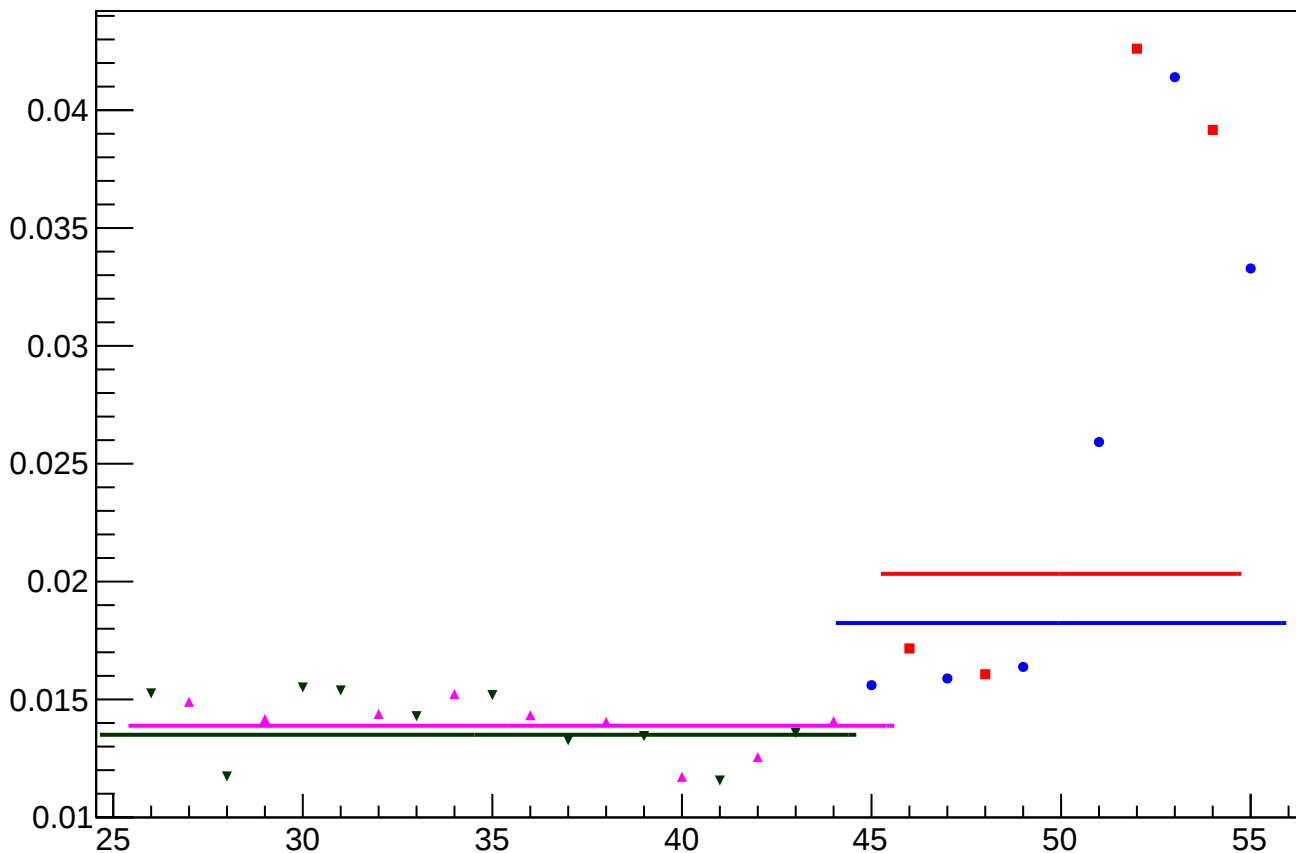
Right Out: 1.851 ± 0.000 χ^2/NDF : 37231.4/3

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

1.849 ± 0.000 χ^2/NDF : 581154.6/15

1.849 ± 0.000 χ^2/NDF : 280396.6/12

yield_bpm4aY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 622383.9/5

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

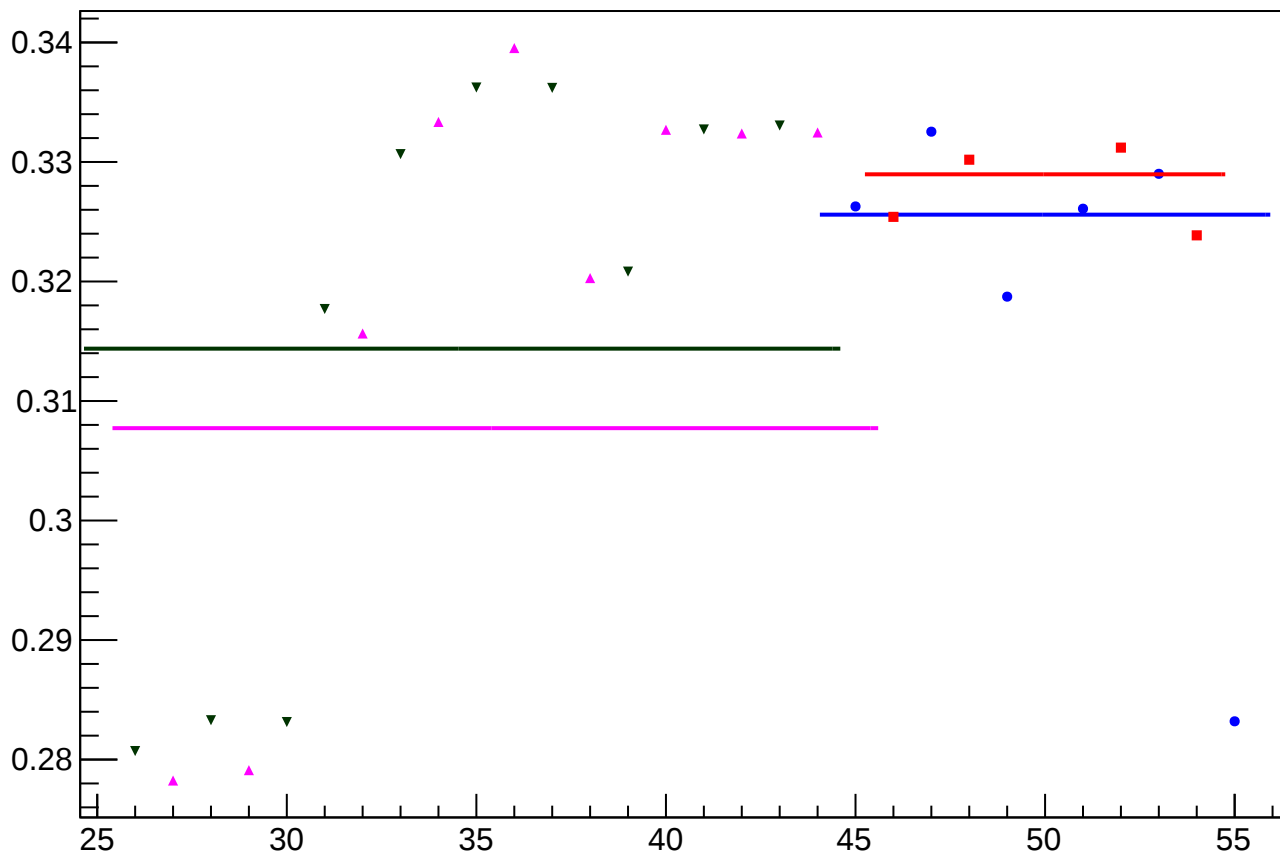
Right Out: 0.020+/-0.000 χ^2/NDF : 587067.1/3

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

0.015+/-0.000 χ^2/NDF : 1038545.4/15

0.015+/-0.000 χ^2/NDF : 930575.2/12

yield_bpm4eX_mean vs slug



Right In: 0.326+/-0.000 χ^2/NDF : 493322.1/5

Left Out: 0.314+/-0.000 χ^2/NDF : 5139756.1/9

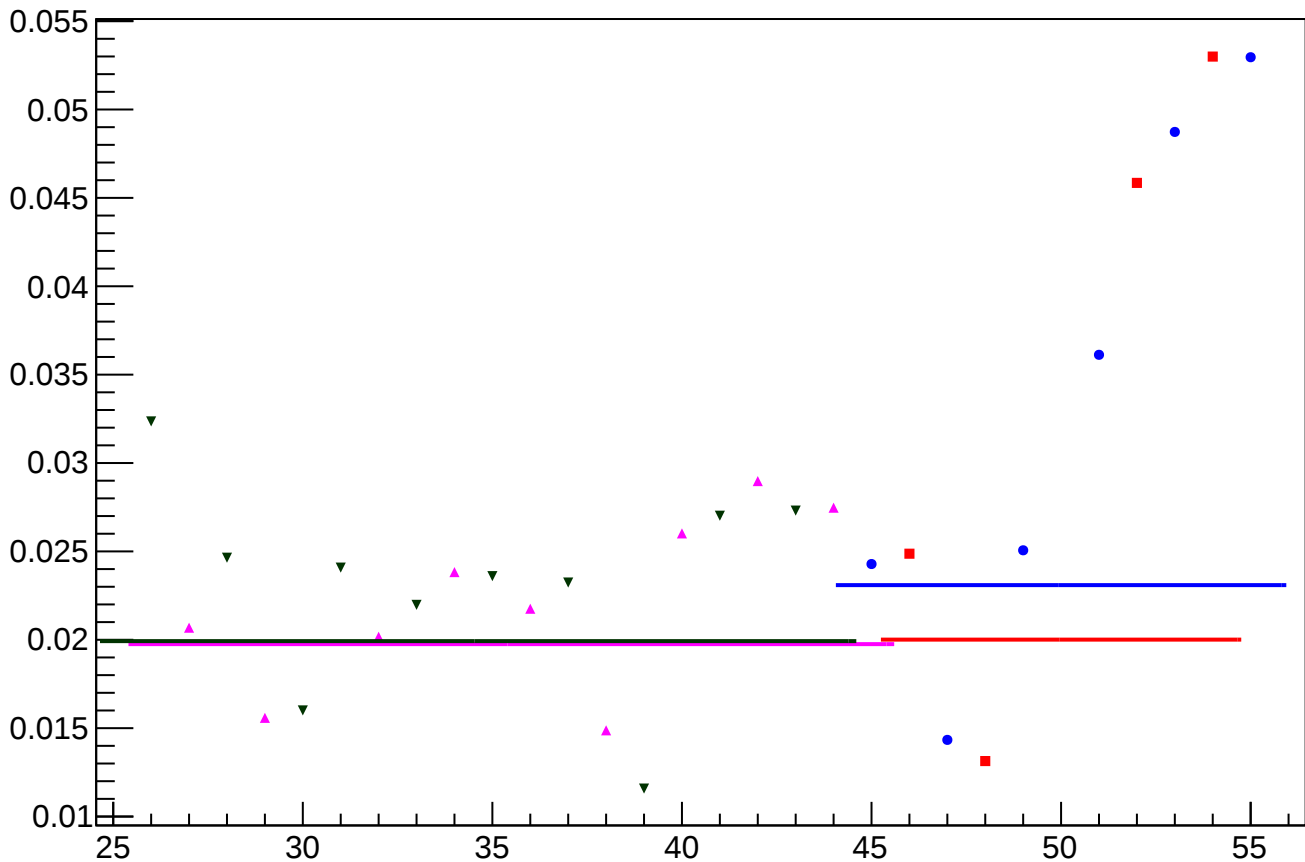
Right Out: 0.329+/-0.000 χ^2/NDF : 17984.7/3

Left In: 0.308+/-0.000 χ^2/NDF : 7379323.3/8

0.318+/-0.000 χ^2/NDF : 6076829.9/15

0.312+/-0.000 χ^2/NDF : 8604993.4/12

yield_bpm4eX_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 1051767.8/5

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

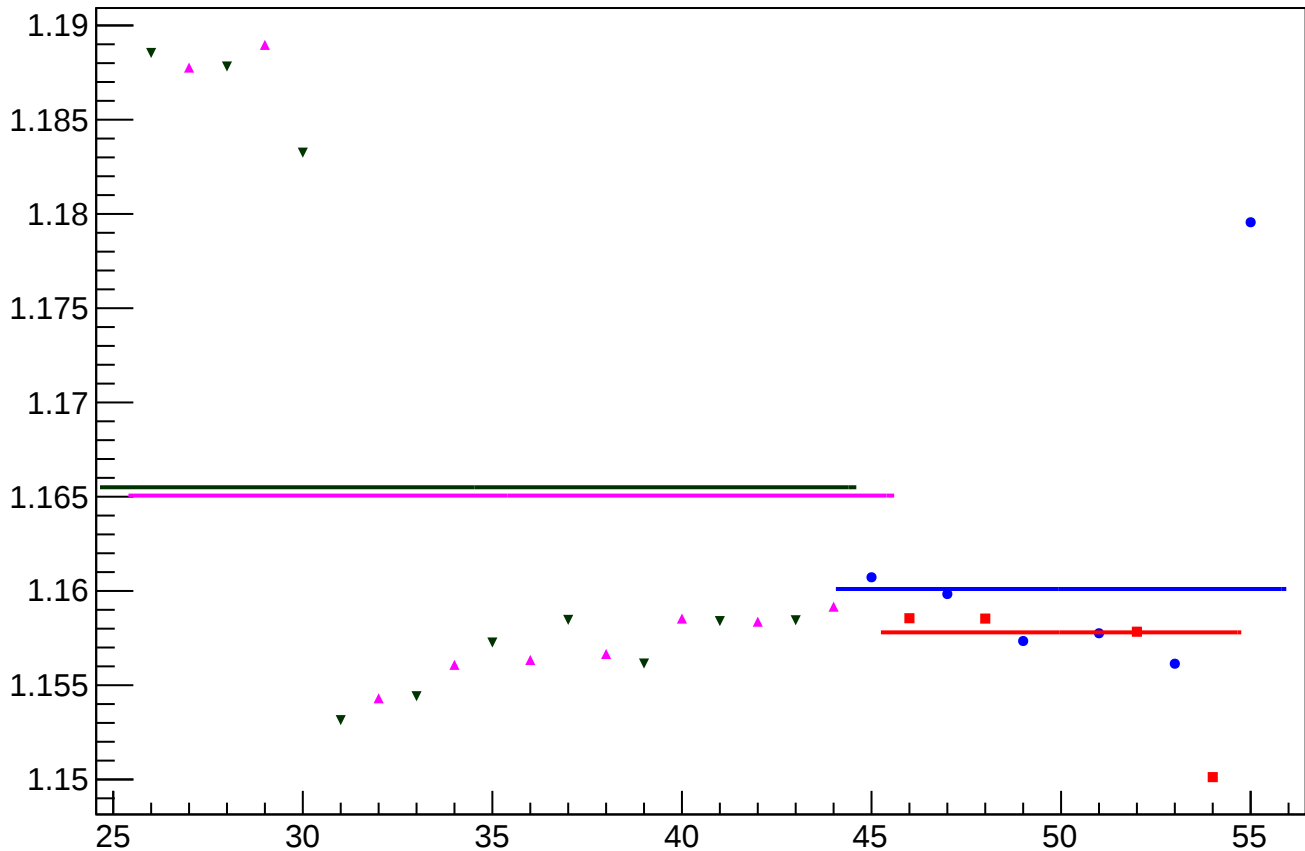
Right Out: 0.020+/-0.000 χ^2/NDF : 981409.8/3

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

0.021+/-0.000 χ^2/NDF : 2011732.0/15

0.020+/-0.000 χ^2/NDF : 1462711.0/12

yield_bpm4eY_mean vs slug



Right In: 1.160 $\pm$ 0.000 χ^2 /NDF: 421138.4/5

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

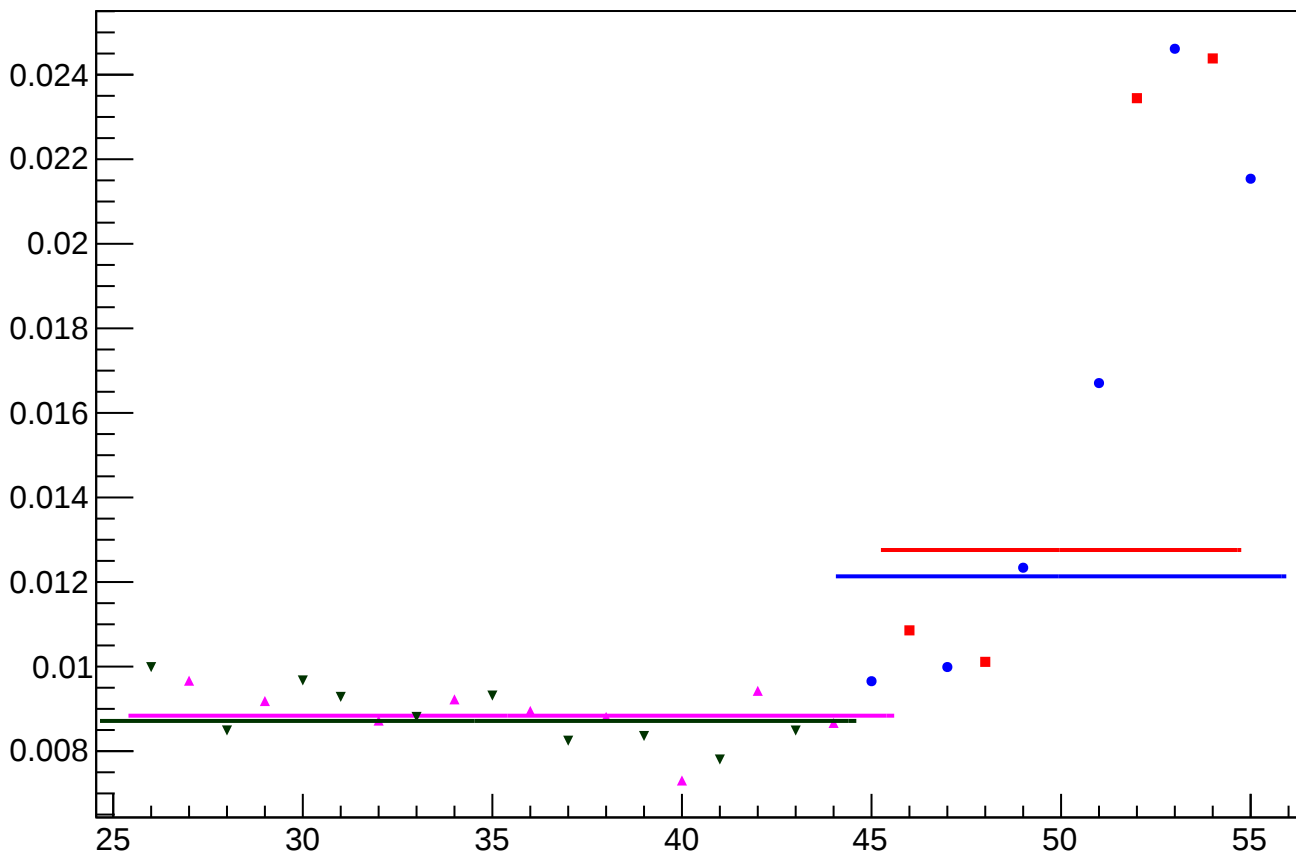
Right Out: 1.158 $\pm$ 0.000 χ^2 /NDF: 51272.9/3

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

1.164 $\pm$ 0.000 χ^2 /NDF: 12907140.1/15

1.164 $\pm$ 0.000 χ^2 /NDF: 13856451.1/12

yield_bpm4eY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 592626.6/5

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

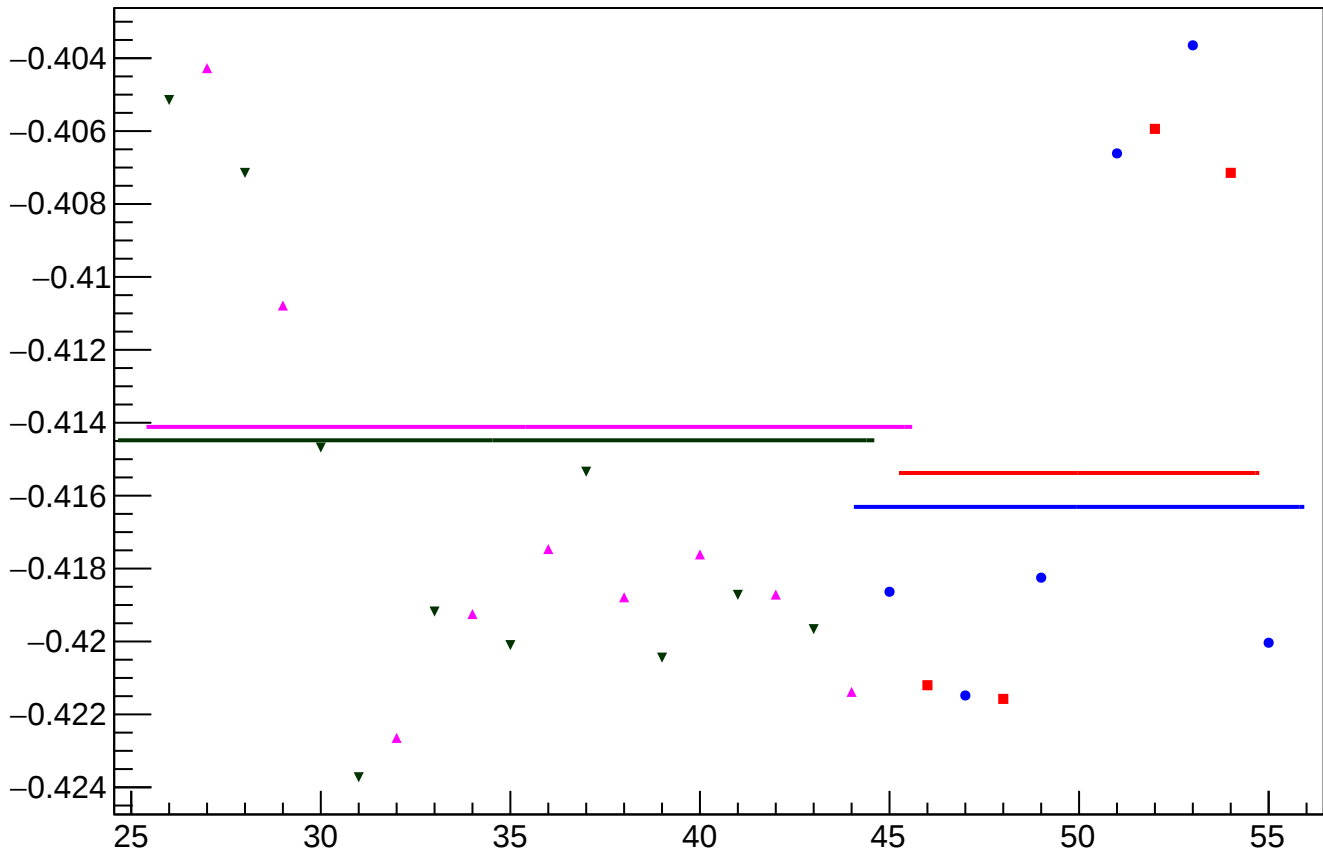
Right Out: 0.013+/-0.000 χ^2/NDF : 504225.2/3

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

0.010+/-0.000 χ^2/NDF : 1002753.0/15

0.009+/-0.000 χ^2/NDF : 832233.9/12

yield_bpm4acX_mean vs slug



Right In: -0.416+/-0.000 χ^2/NDF : 1112163.3/5

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

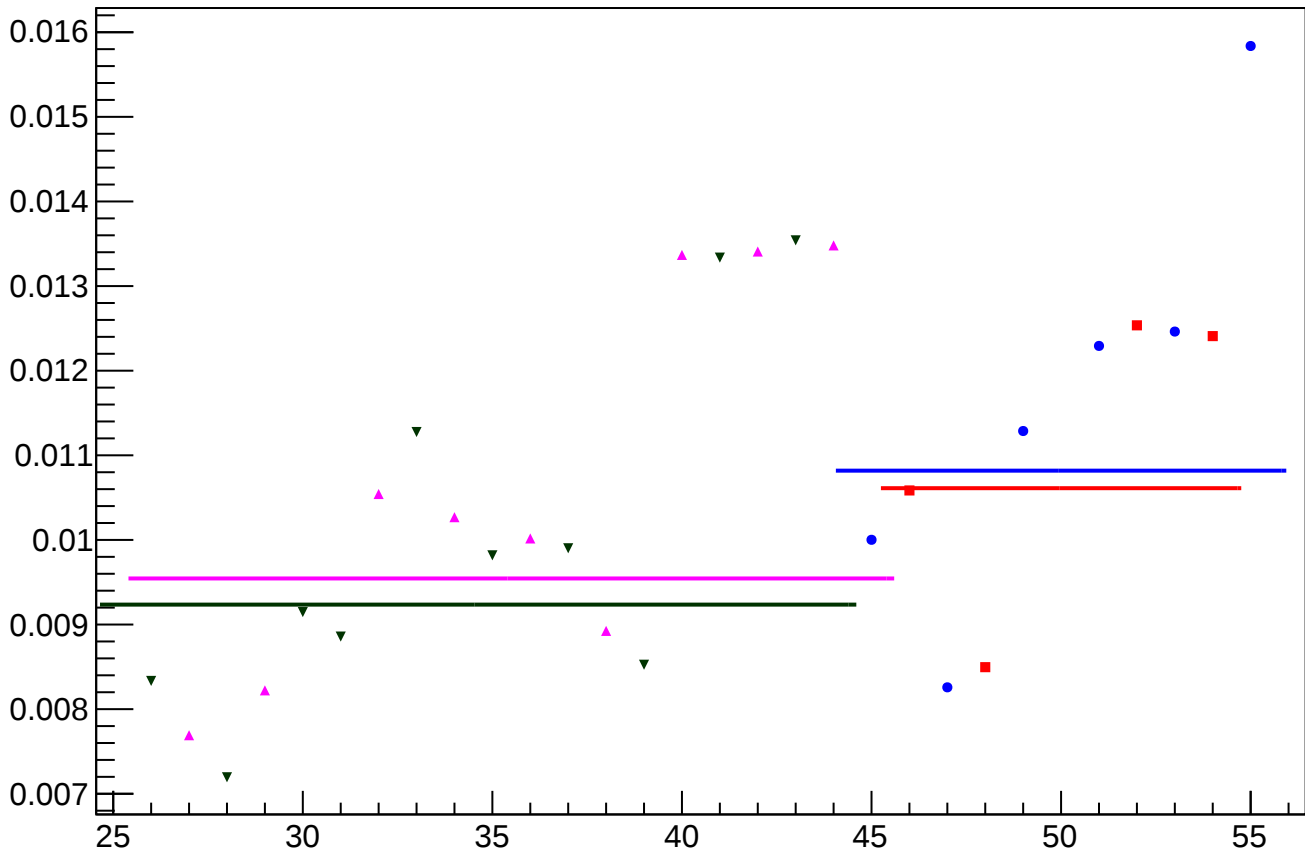
Right Out: -0.415+/-0.000 χ^2/NDF : 904837.8/3

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

-0.415+/-0.000 χ^2/NDF : 3499792.1/15

-0.414+/-0.000 χ^2/NDF : 3578289.6/12

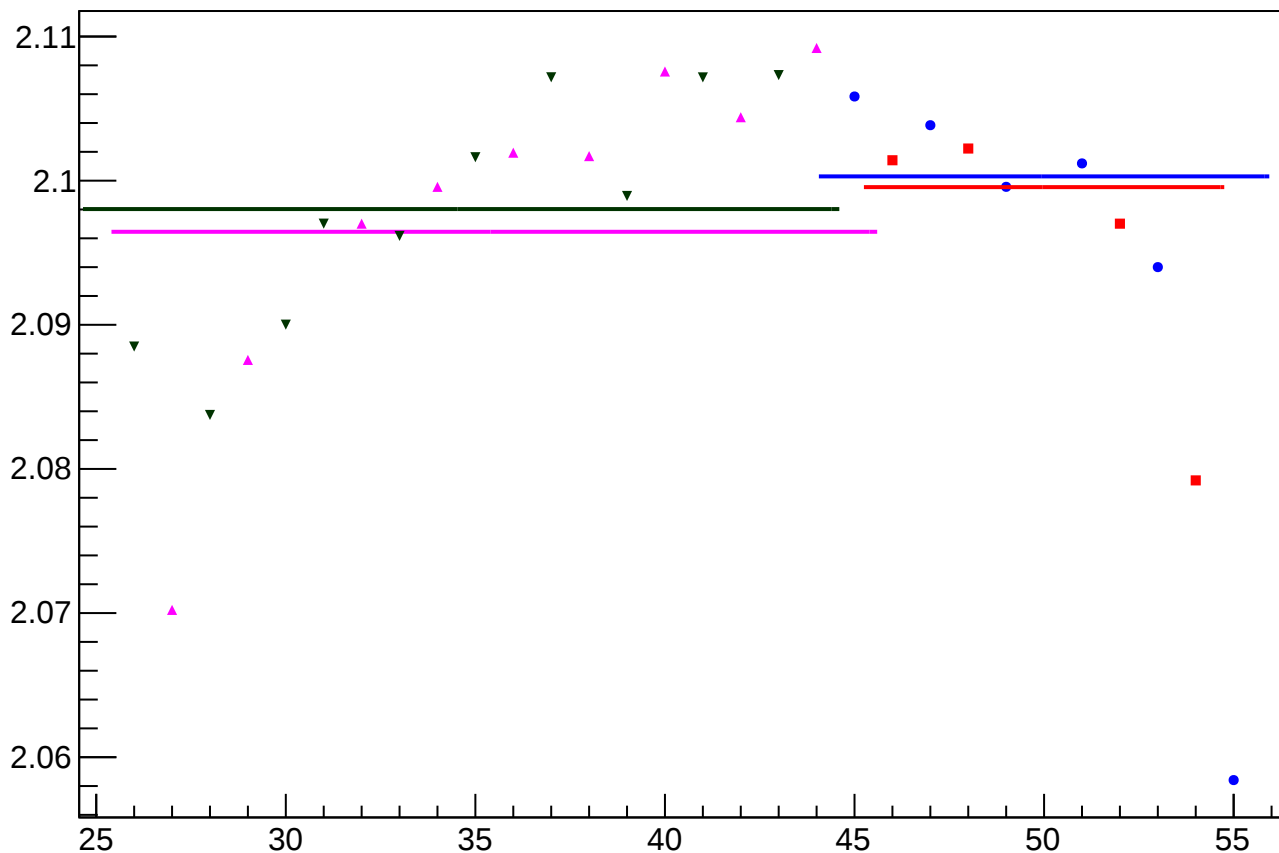
yield_bpm4acX_rms vs slug



0.010+/-0.000 χ^2/NDF : 716794.3/15

0.010+/-0.000 χ^2/NDF : 552183.1/12

yield_bpm4acY_mean vs slug



Right In: 2.100 $\pm$ 0.000 χ^2 /NDF: 812467.9/5

Left Out: 2.098 $\pm$ 0.000 χ^2 /NDF:1989190.8/9

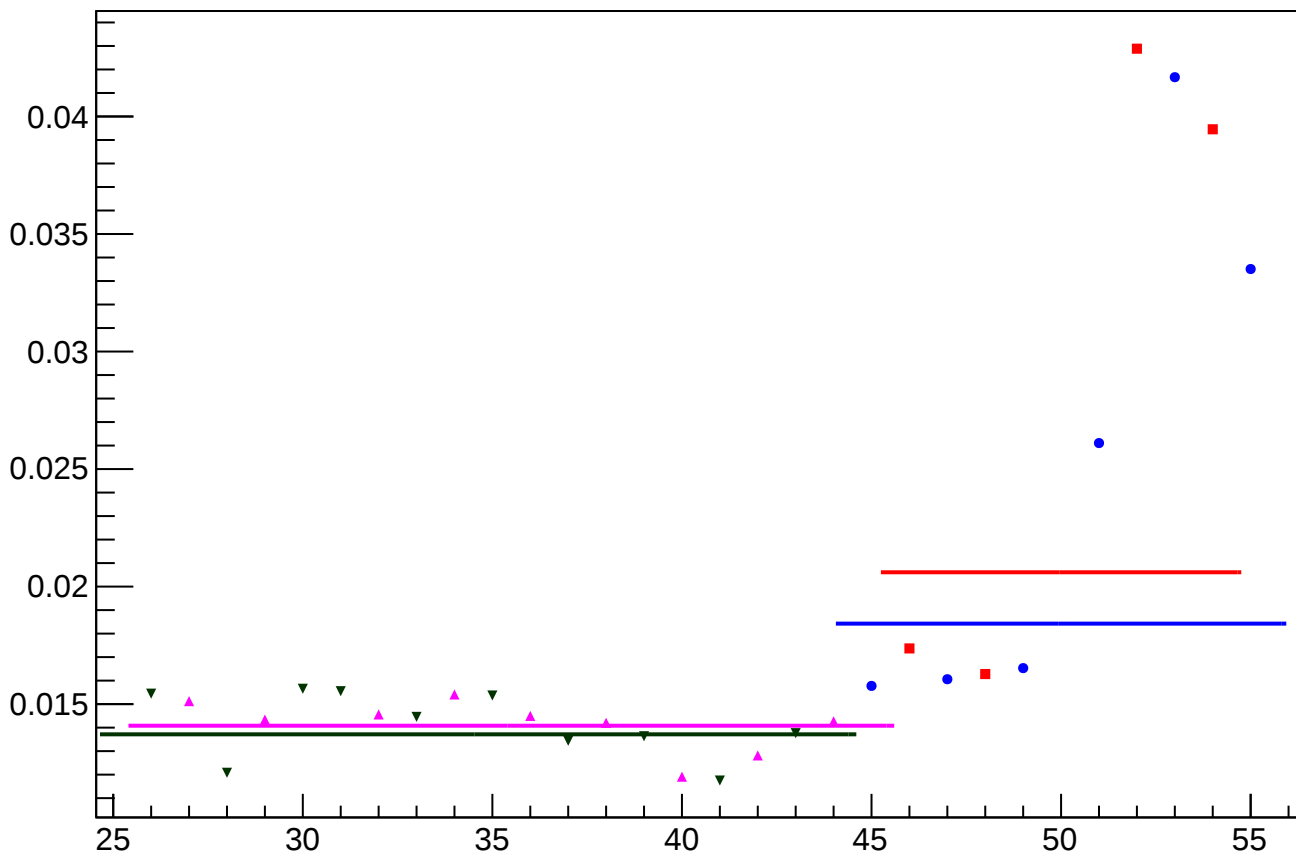
2.099 $\pm$ 0.000 χ^2 /NDF: 2835350.4/15

Right Out: 2.100 $\pm$ 0.000 χ^2 /NDF: 150229.7/3

2.097 $\pm$ 0.000 χ^2 /NDF: 4171170.5/12

Left In: 2.096 $\pm$ 0.000 χ^2 /NDF:3989522.6/8

yield_bpm4acY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 618260.3/5

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

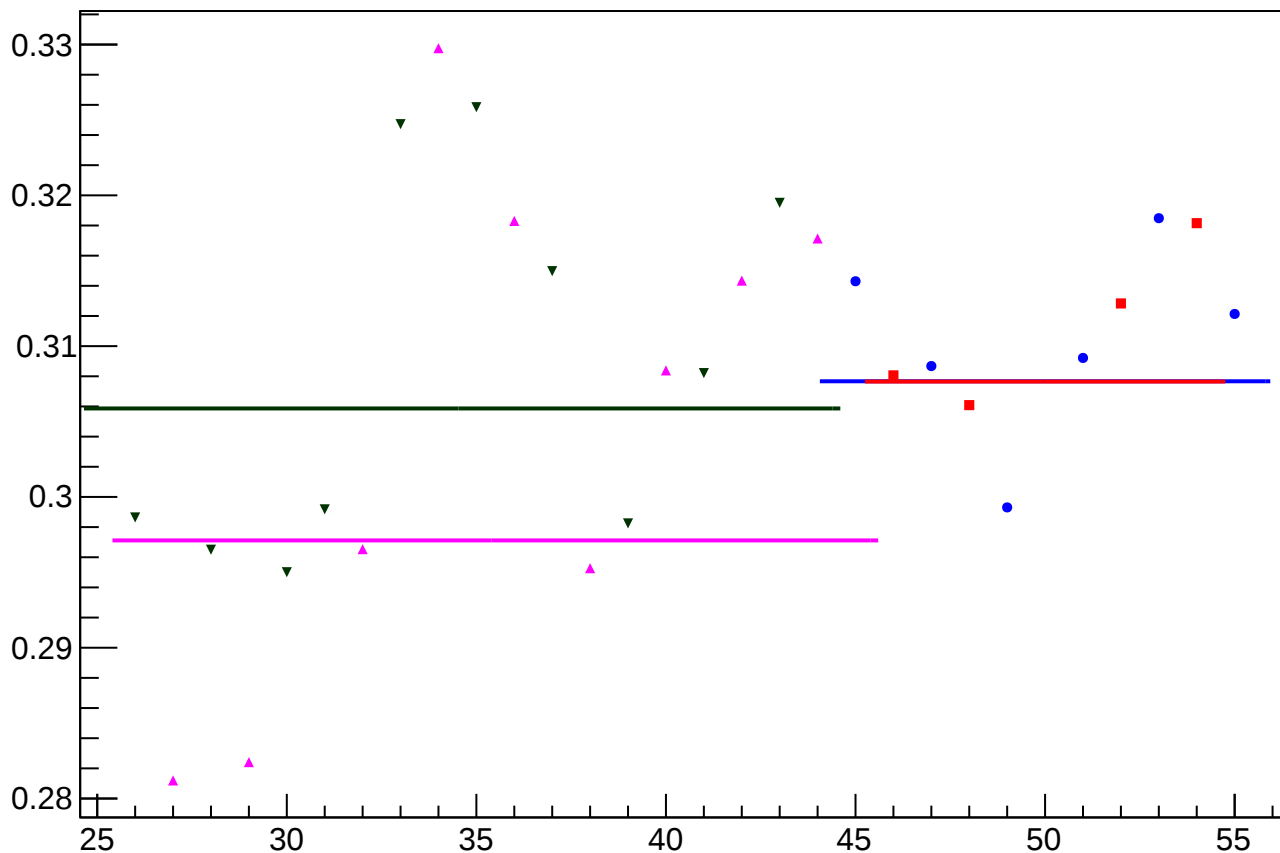
Right Out: 0.021+/-0.000 χ^2/NDF : 580966.7/3

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

0.015+/-0.000 χ^2/NDF : 1015030.5/15

0.015+/-0.000 χ^2/NDF : 920540.4/12

yield_bpm4ecX_mean vs slug



Right In: 0.308+/-0.000 χ^2/NDF : 182124.8/5

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

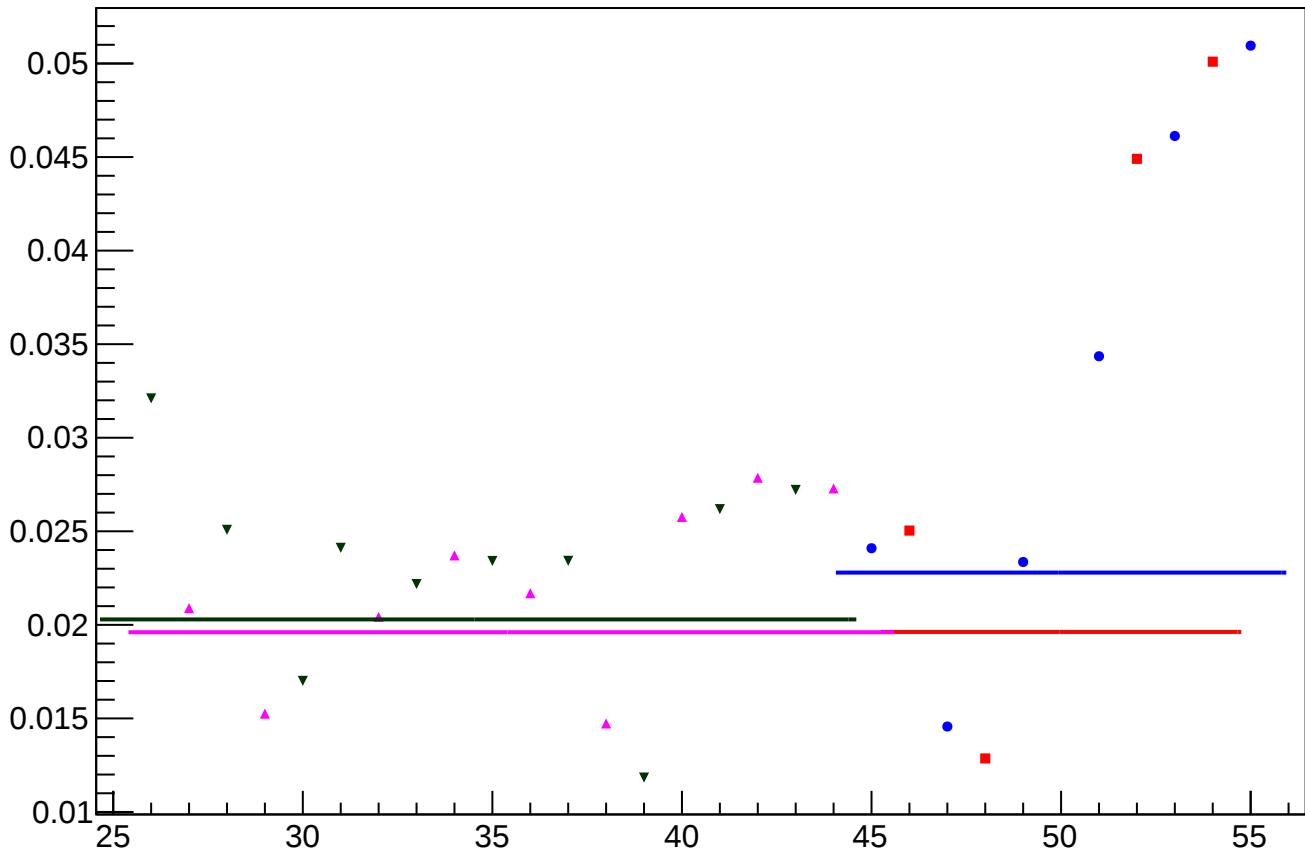
Right Out: 0.308+/-0.000 χ^2/NDF : 35929.6/3

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

0.306+/-0.000 χ^2/NDF : 1636126.8/15

0.299+/-0.000 χ^2/NDF : 3459563.1/12

yield_bpm4ecX_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF : 942300.7/5

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

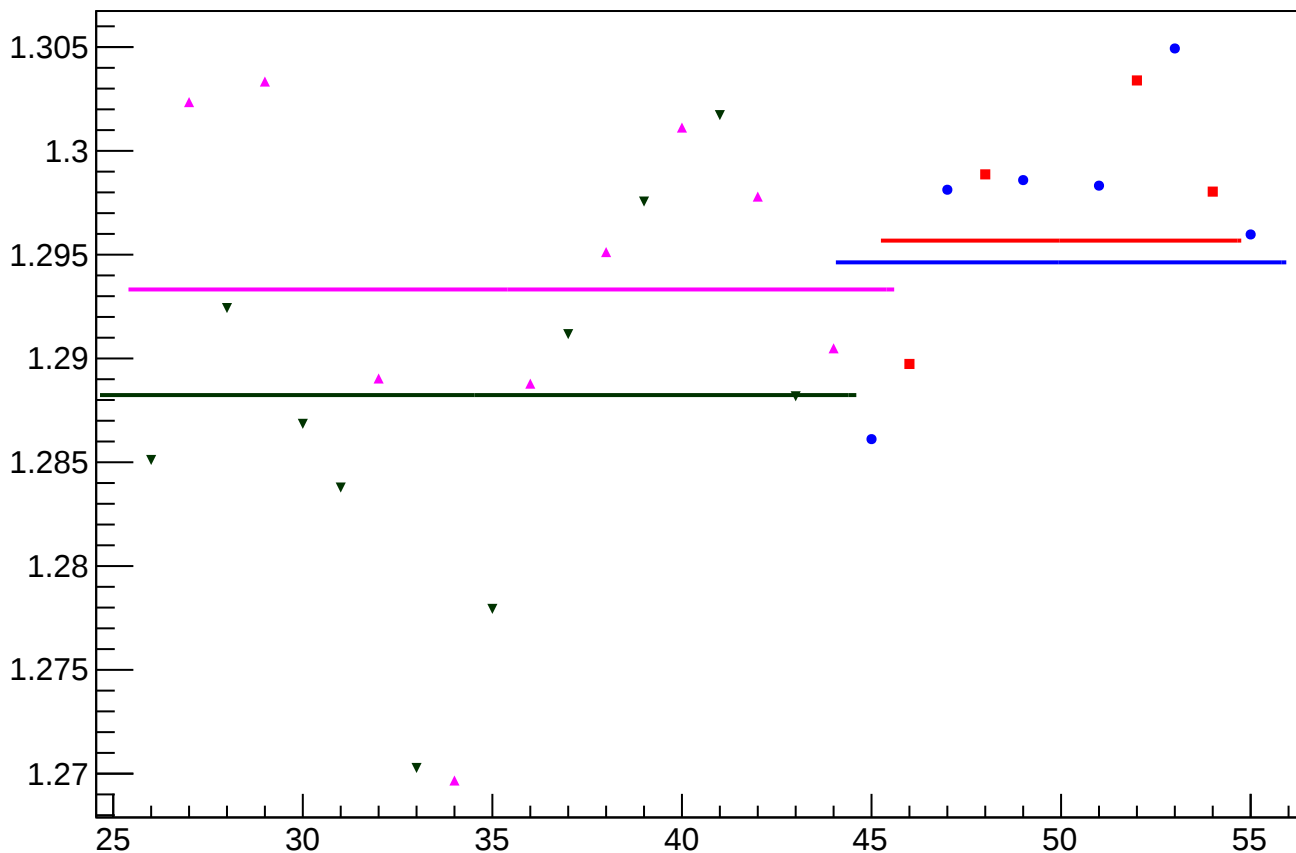
Right Out: 0.020+/-0.000 χ^2/NDF : 971648.8/3

Left In: 0.020+/-0.000 χ^2/NDF : 492359.8/8

0.021+/-0.000 χ^2/NDF : 1797370.9/15

0.020+/-0.000 χ^2/NDF : 1464010.0/12

yield_bpm4ecY_mean vs slug



Right In: 1.295 $\pm$ 0.000 χ^2 /NDF: 591874.1/5

Left Out: 1.288 $\pm$ 0.000 χ^2 /NDF: 3975612.3/9

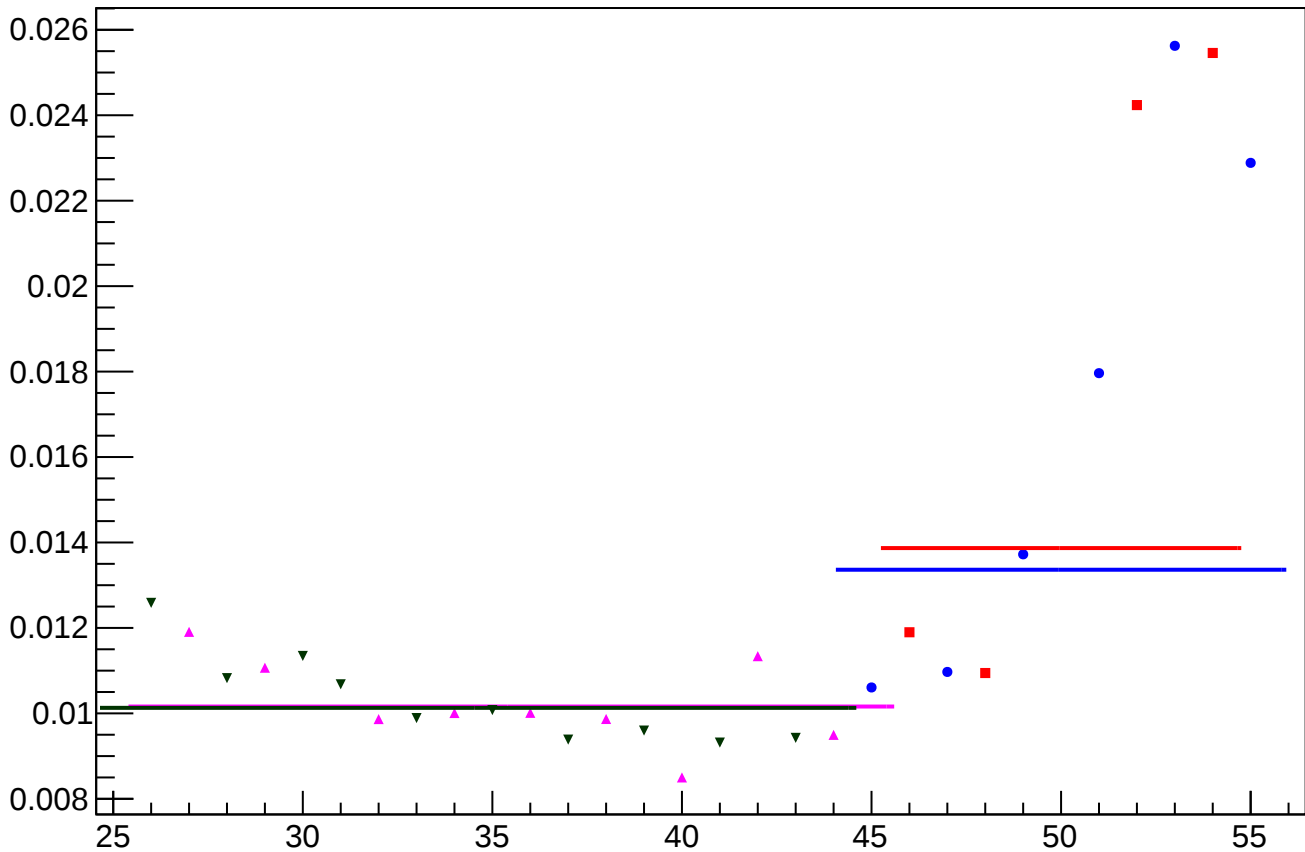
Right Out: 1.296 $\pm$ 0.000 χ^2 /NDF: 205452.0/3

Left In: 1.293 $\pm$ 0.000 χ^2 /NDF: 4684486.6/8

1.290 $\pm$ 0.000 χ^2 /NDF: 5070951.4/15

1.294 $\pm$ 0.000 χ^2 /NDF: 4930041.5/12

yield_bpm4ecY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 548371.9/5

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

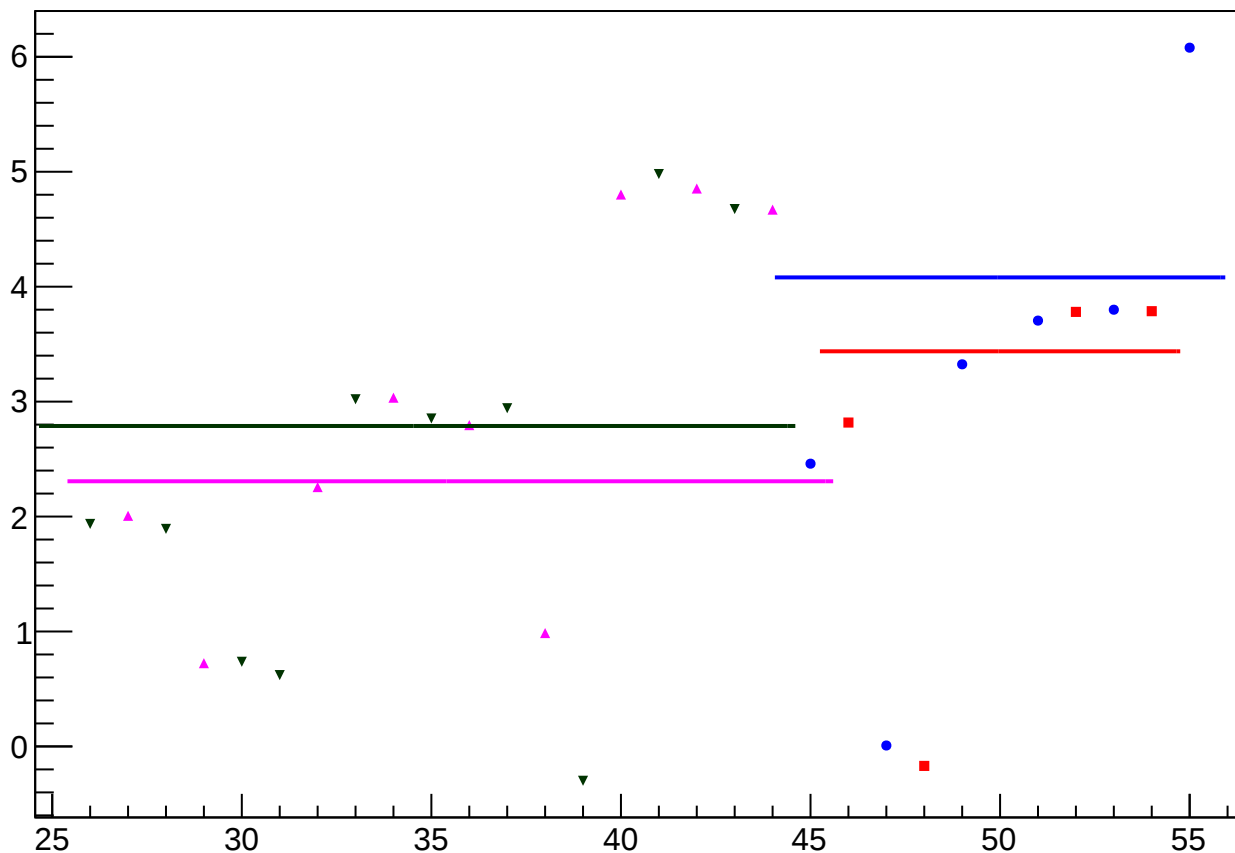
Right Out: 0.014+/-0.000 χ^2/NDF : 457906.1/3

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

0.011+/-0.000 χ^2/NDF : 884053.3/15

0.011+/-0.000 χ^2/NDF : 757519.0/12

yield_bpm1X_mean vs slug



Right In: 4.081+/-0.000 χ^2/NDF : 1257523914.6/5

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

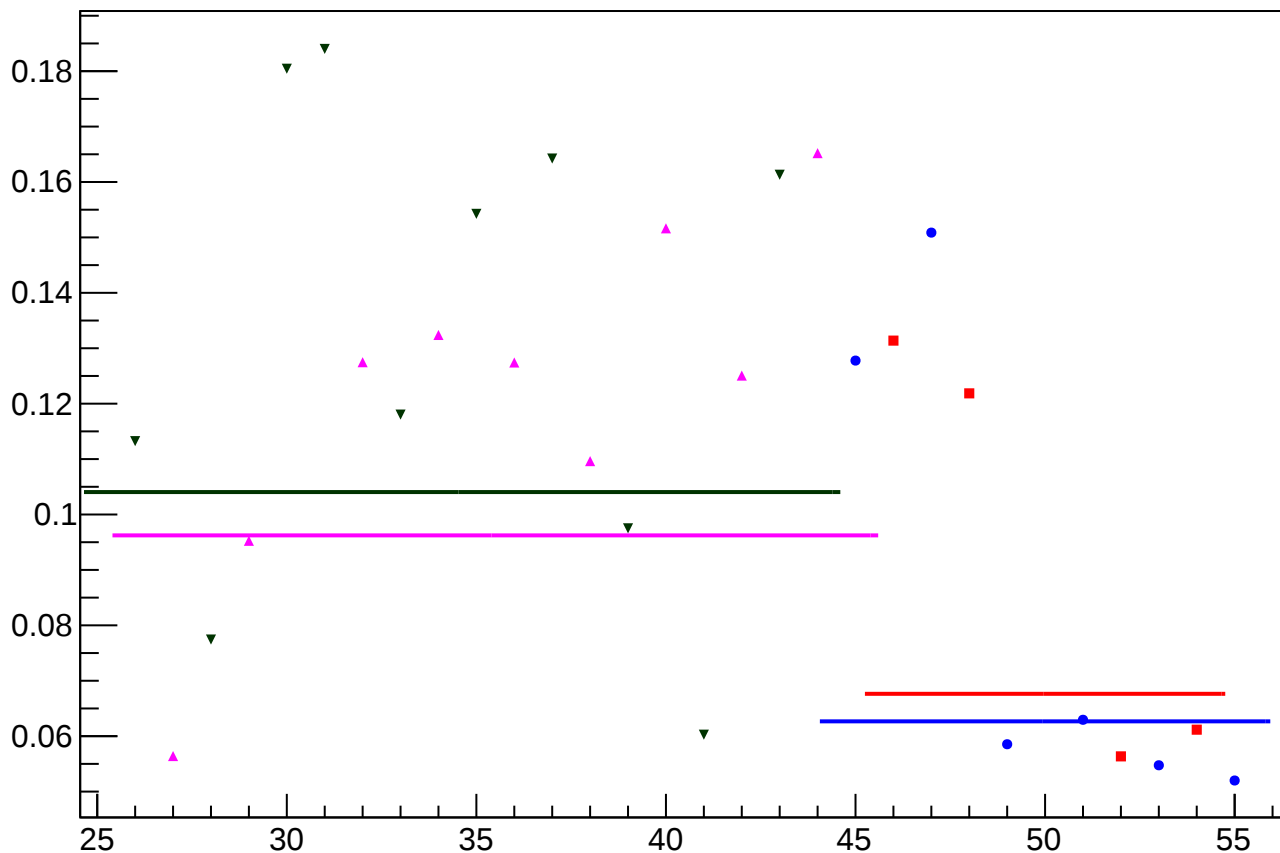
Right Out: 3.438+/-0.000 χ^2/NDF : 362049718.7/3

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

3.665+/-0.000 χ^2/NDF : 2558480490.4/15

2.814+/-0.000 χ^2/NDF : 1237422138.3/12

yield_bpm1X_rms vs slug



Right In: 0.063+/-0.000 χ^2/NDF : 649505.6/5

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

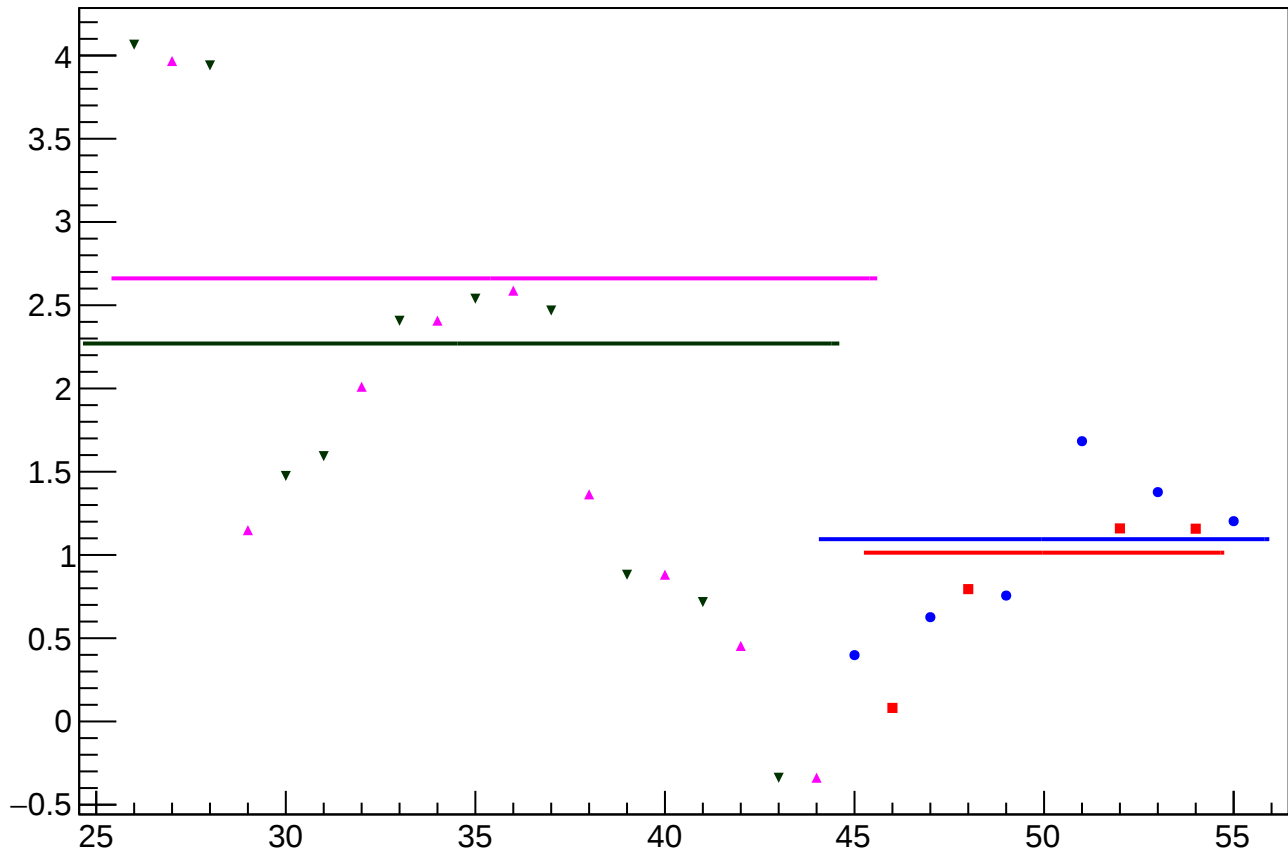
Right Out: 0.068+/-0.000 χ^2/NDF : 363737.0/3

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

0.076+/-0.000 χ^2/NDF : 2471030.8/15

0.083+/-0.000 χ^2/NDF : 1732788.9/12

yield_bpm1Y_mean vs slug



Right In: 1.095+/-0.000 χ^2/NDF : 150308487.9/5

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

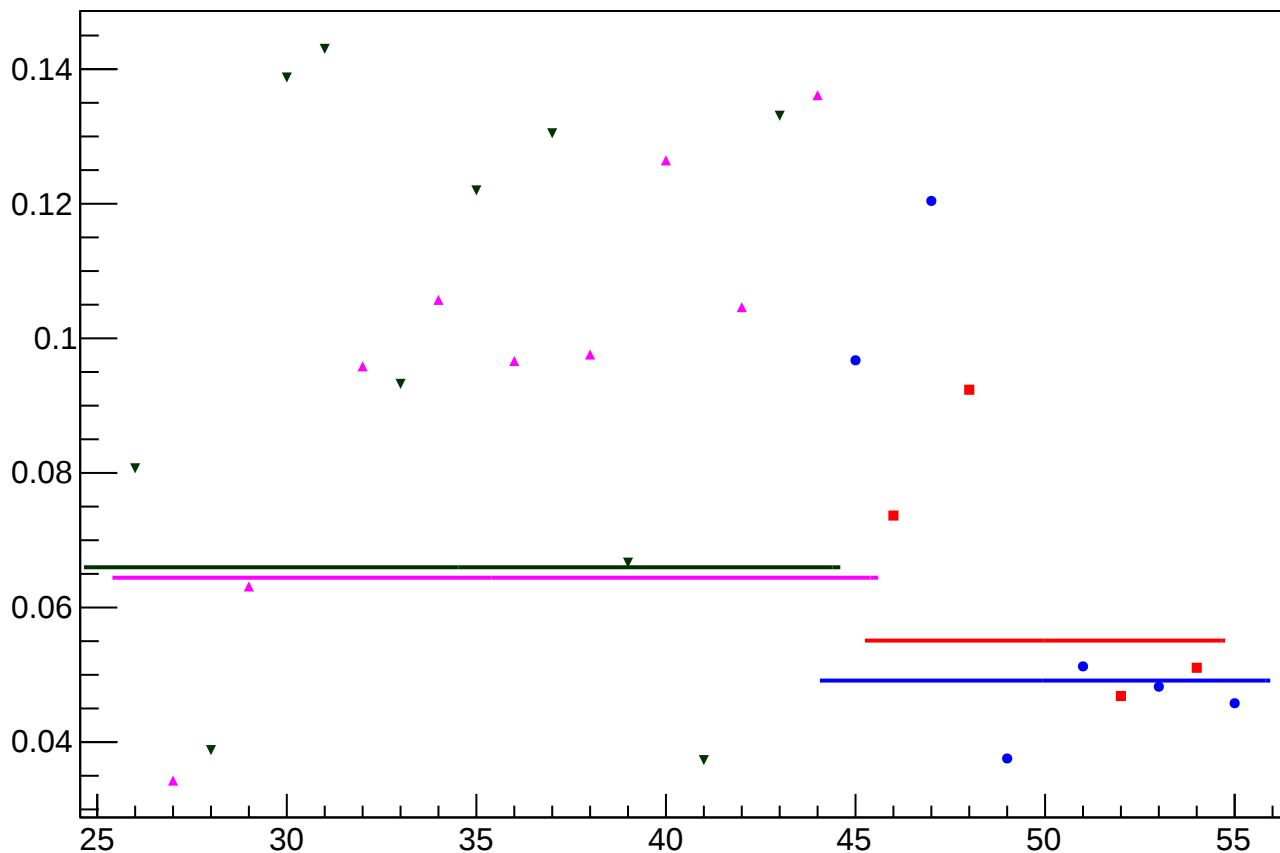
1.555+/-0.000 χ^2/NDF : 2168205878.3/15

Right Out: 1.014+/-0.000 χ^2/NDF : 56171577.8/3

2.037+/-0.000 χ^2/NDF : 2469000669.2/12

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

yield_bpm1Y_rms vs slug



Right In: 0.049+/-0.000 χ^2/NDF : 674002.2/5

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

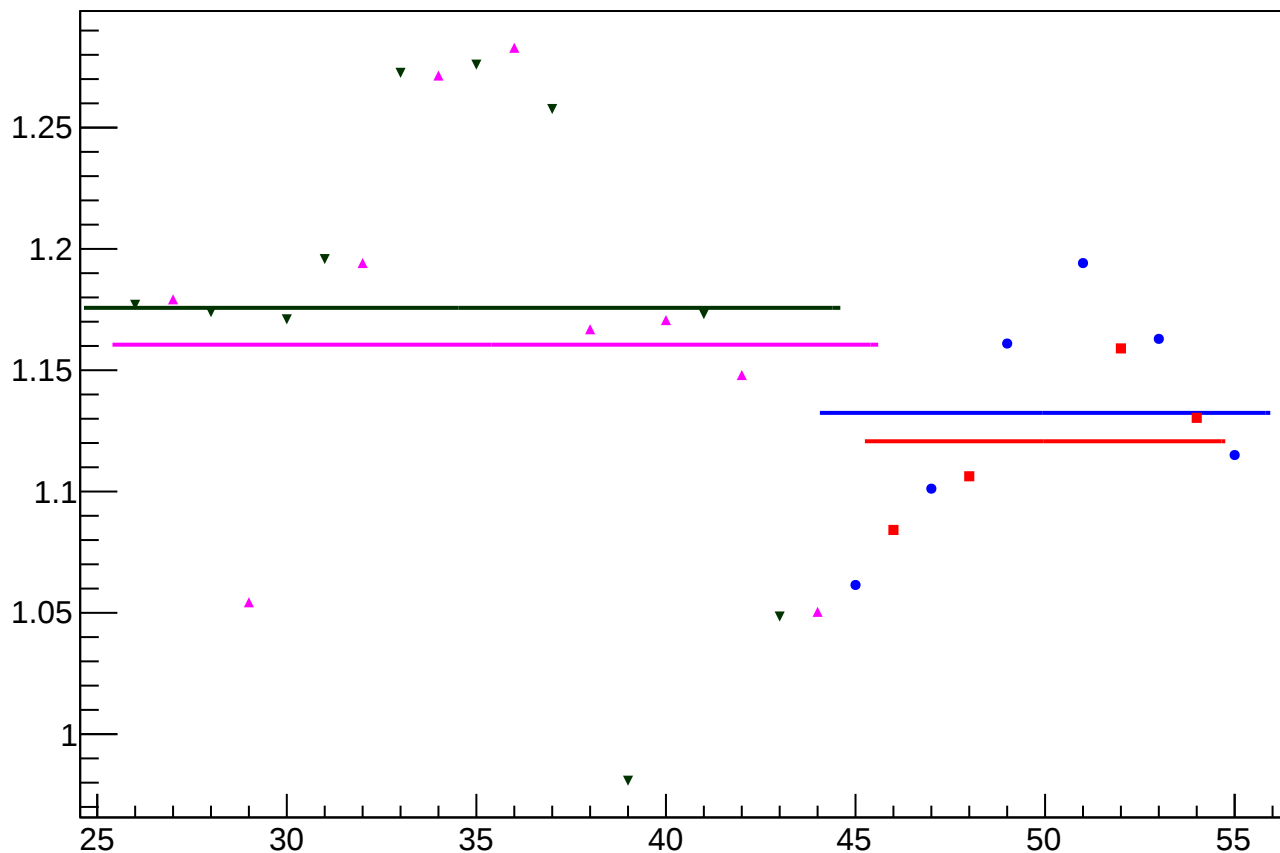
Right Out: 0.055+/-0.000 χ^2/NDF : 187619.5/3

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

0.056+/-0.000 χ^2/NDF : 2694552.0/15

0.061+/-0.000 χ^2/NDF : 2044457.2/12

yield_bpm11X_mean vs slug



Right In: 1.132 ± 0.000 χ^2/NDF : 10559306.4/5

Left Out: 1.176 ± 0.000 χ^2/NDF : 66957643.7/9

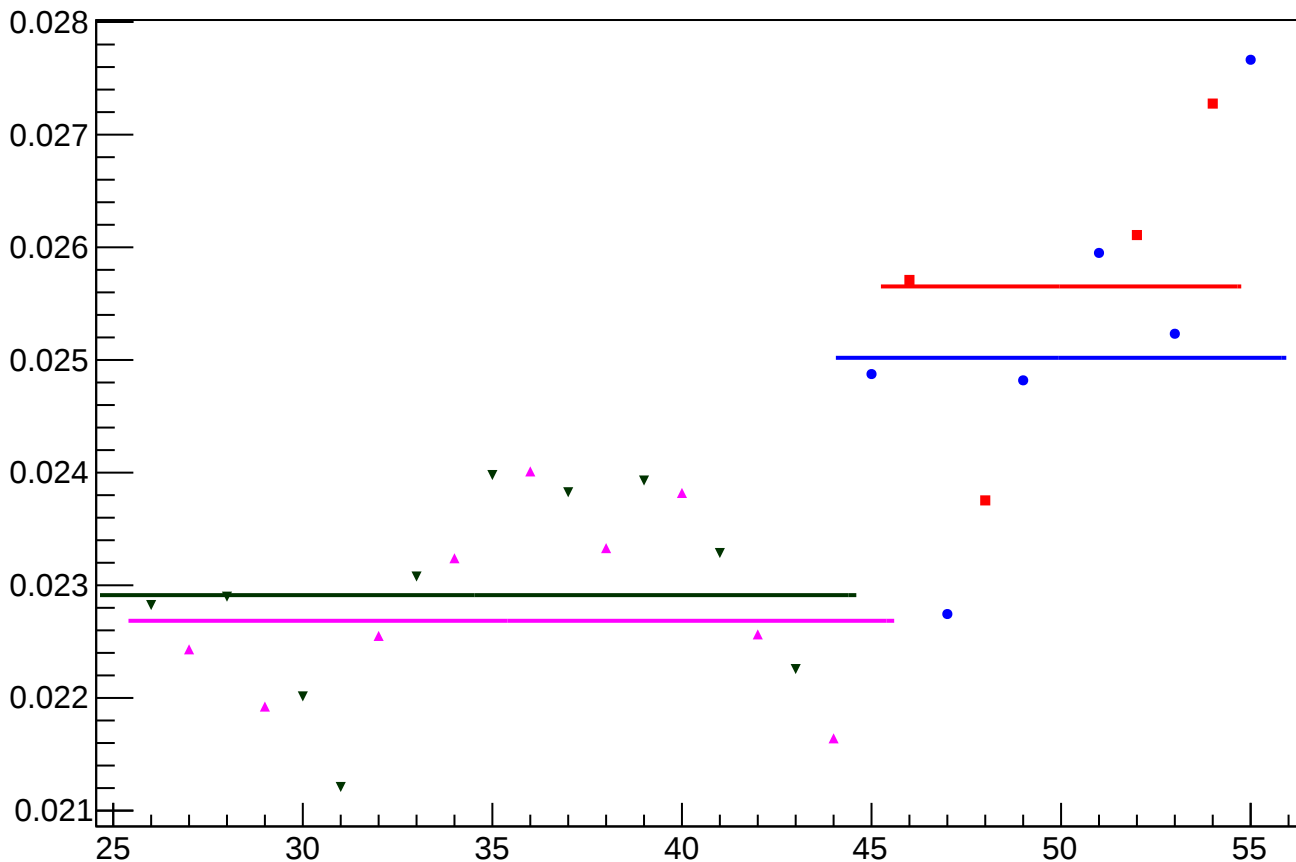
Right Out: 1.121 ± 0.000 χ^2/NDF : 2156725.9/3

Left In: 1.161 ± 0.000 χ^2/NDF : 58009223.4/8

1.160 ± 0.000 χ^2/NDF : 84050232.5/15

1.152 ± 0.000 χ^2/NDF : 63653497.6/12

yield_bpm11X_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 20566.6/5

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

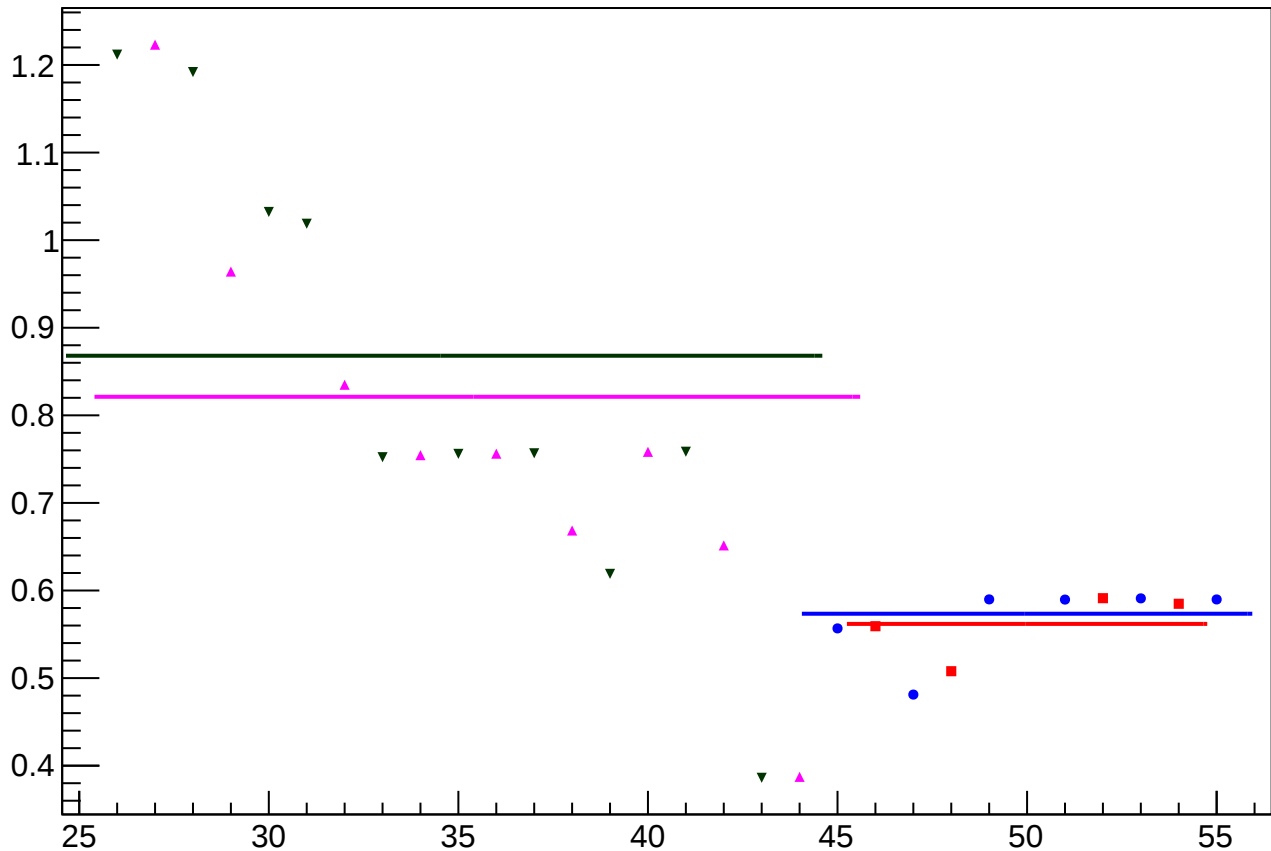
0.024+/-0.000 χ^2/NDF : 64100.2/15

Right Out: 0.026+/-0.000 χ^2/NDF : 9127.8/3

0.023+/-0.000 χ^2/NDF : 58844.1/12

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

yield_bpm11Y_mean vs slug



Right In: 0.573+/-0.000 χ^2/NDF : 264604221.8/5

Left Out: 0.868+/-0.000 χ^2/NDF : 20106418581.2/9

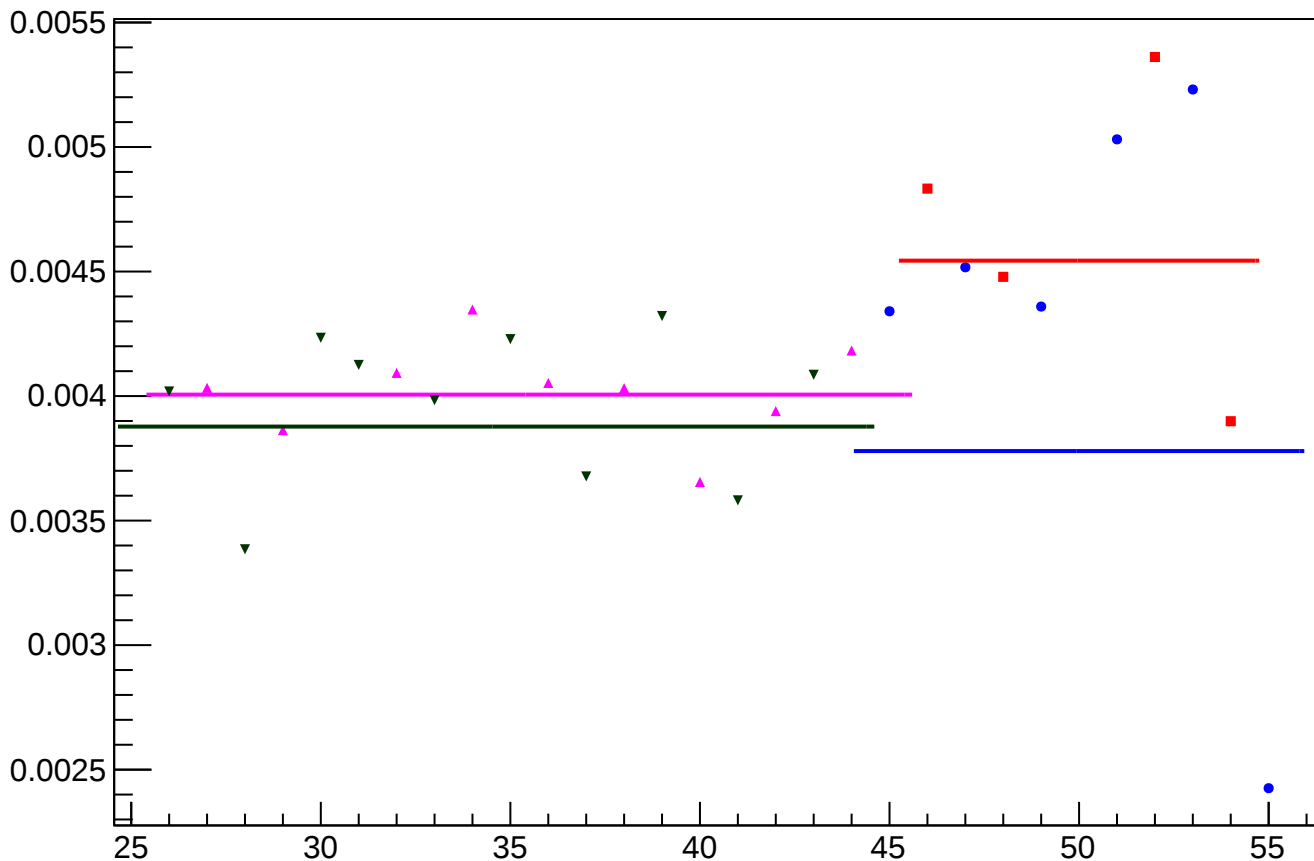
0.746+/-0.000 χ^2/NDF : 31958772876.3/15

Right Out: 0.562+/-0.000 χ^2/NDF : 95384807.0/3

0.767+/-0.000 χ^2/NDF : 21832635626.8/12

Left In: 0.821+/-0.000 χ^2/NDF : 16932395781.7/8

yield_bpm11Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 529035.9/5

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

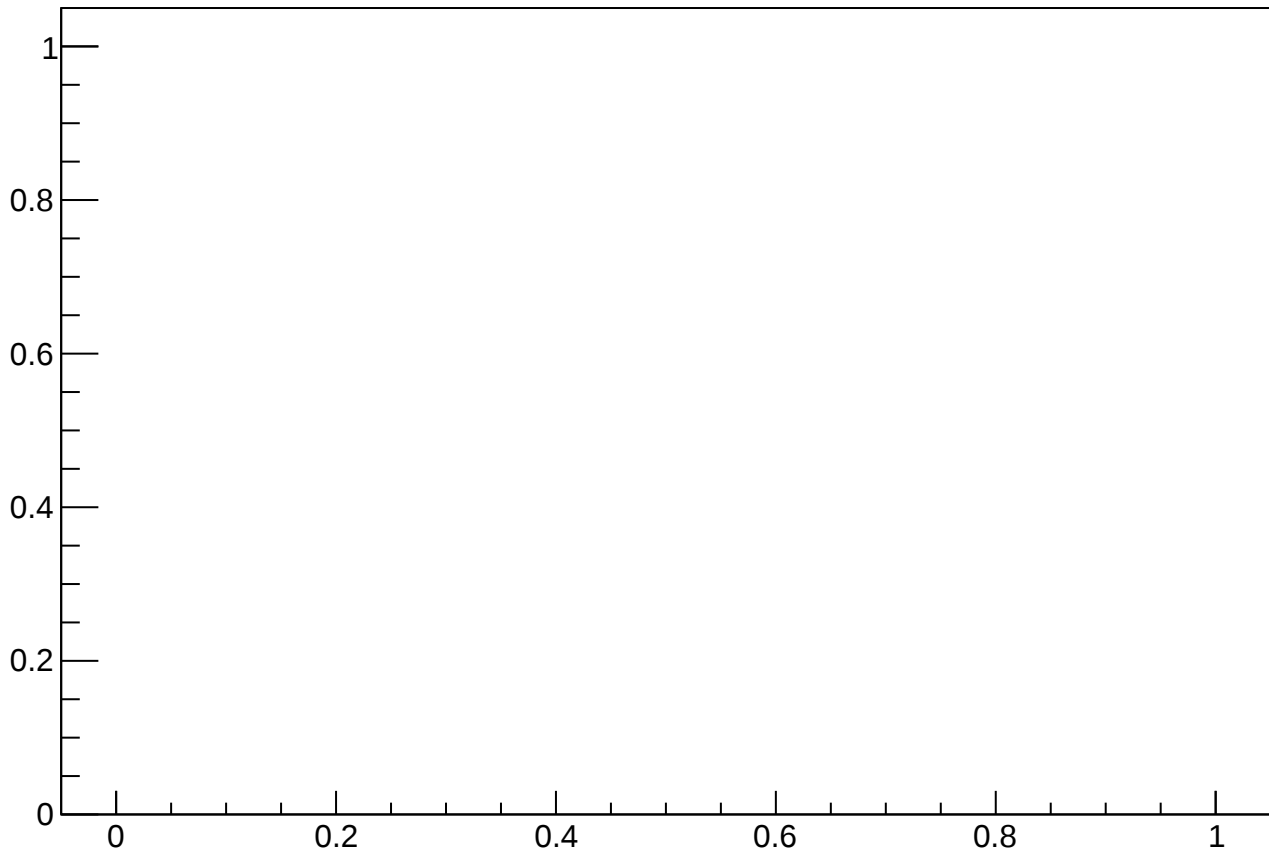
Right Out: 0.005+/-0.000 χ^2/NDF : 53093.3/3

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

0.004+/-0.000 χ^2/NDF : 596917.7/15

0.004+/-0.000 χ^2/NDF : 114862.6/12

yield_bpm14X_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

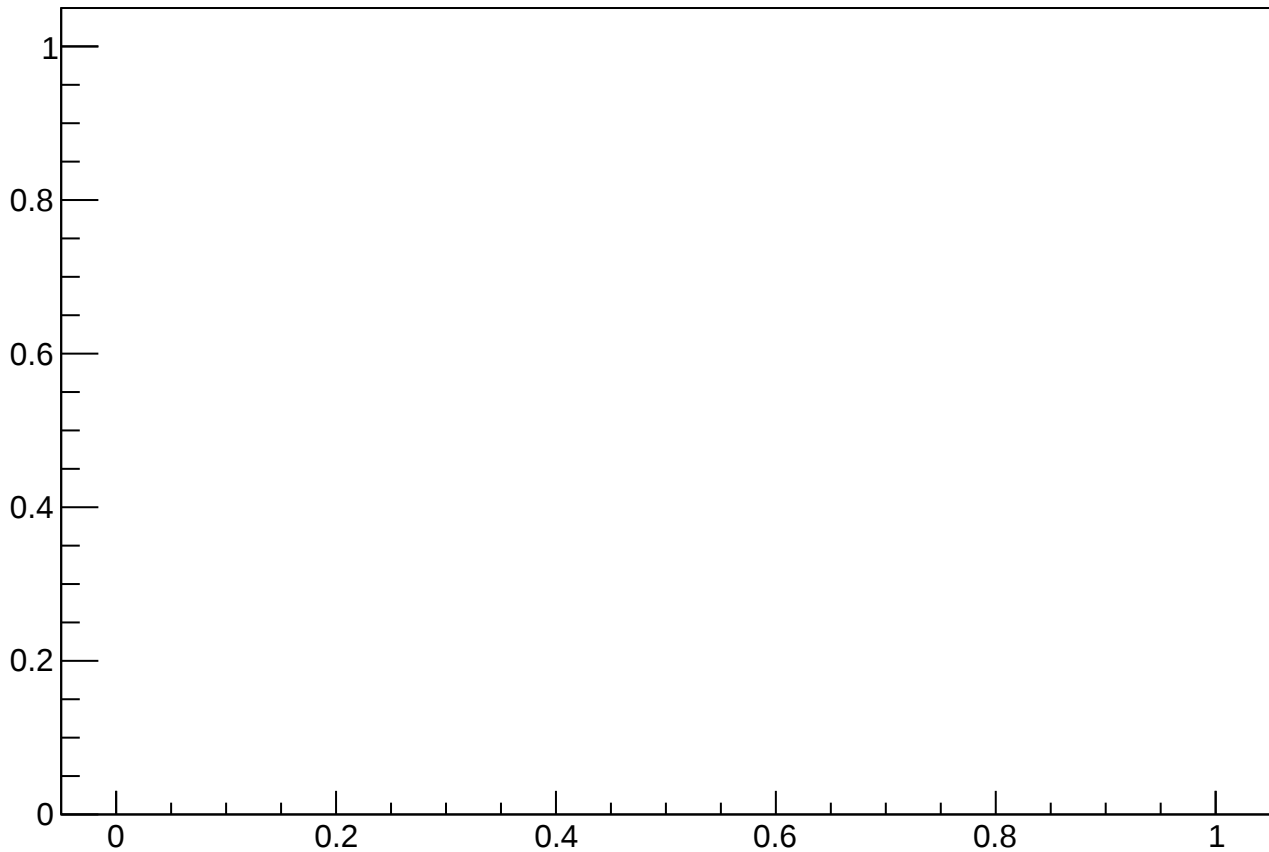
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14X_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

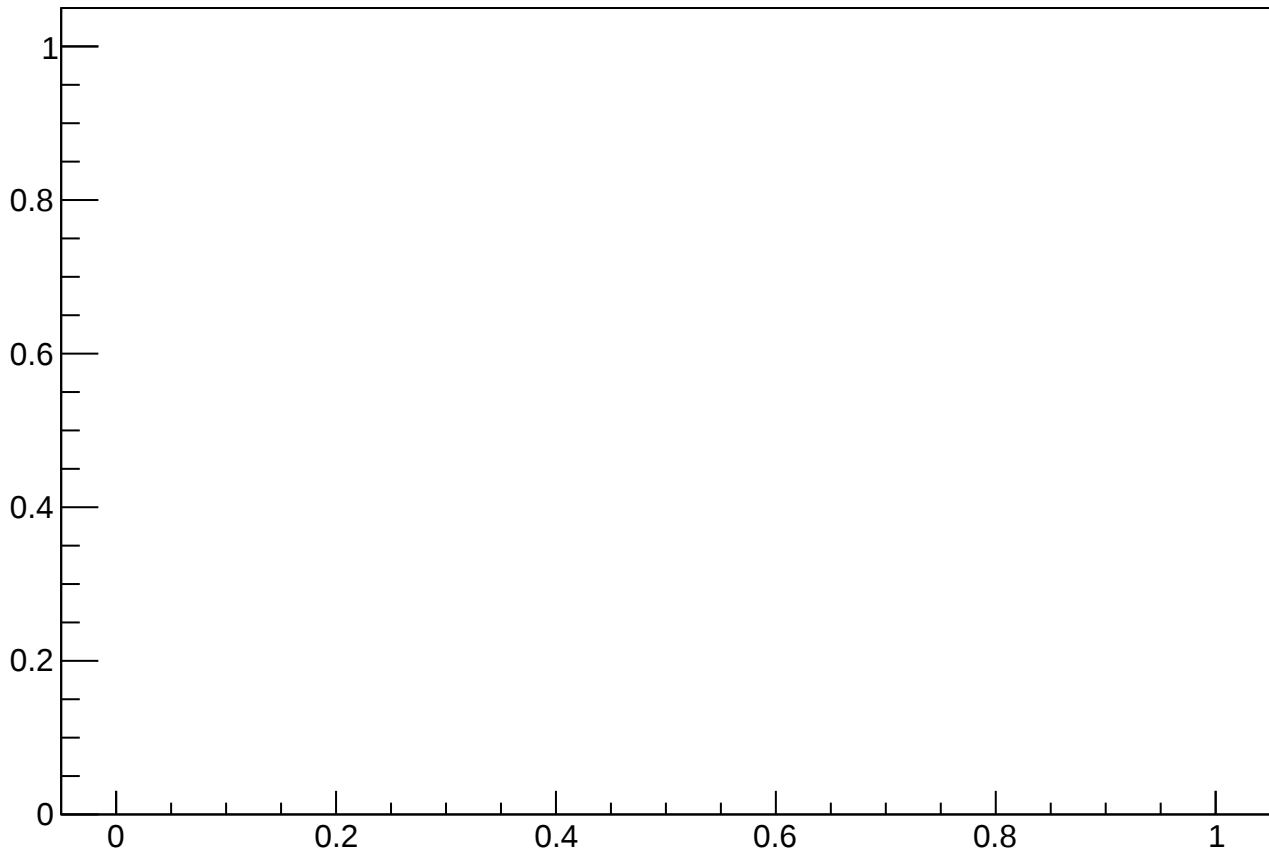
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14Y_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

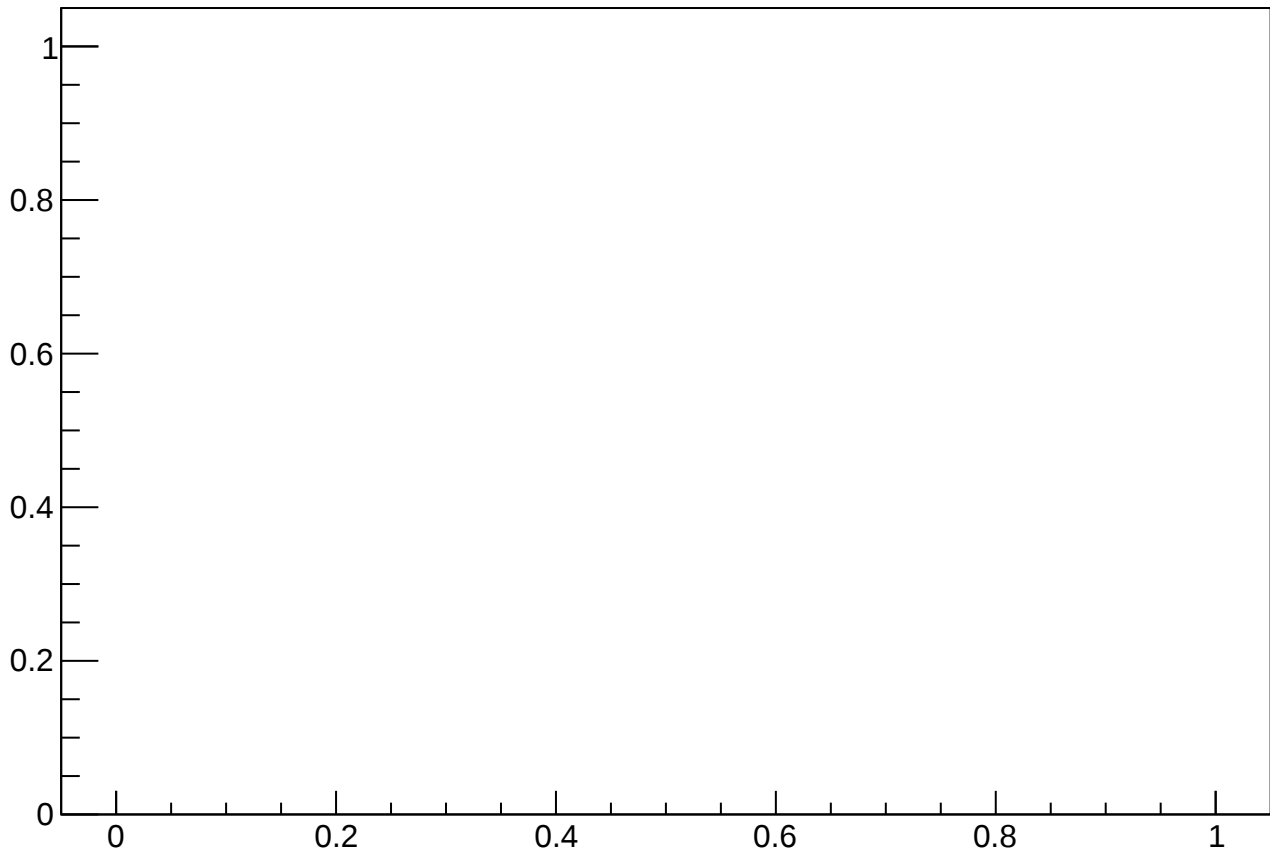
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm14Y_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

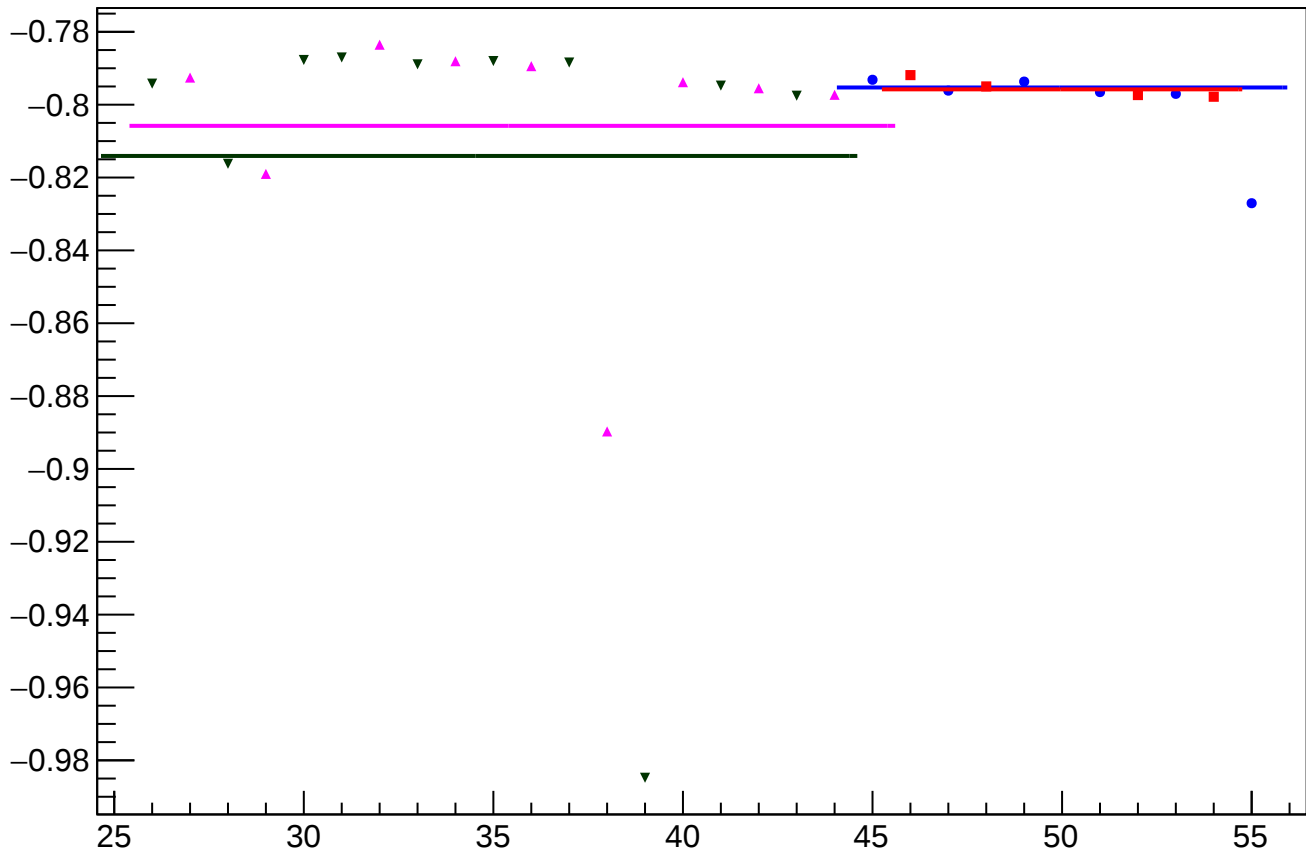
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs slug



Right In: -0.795+/-0.000 χ^2/NDF : 741555.0/5

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

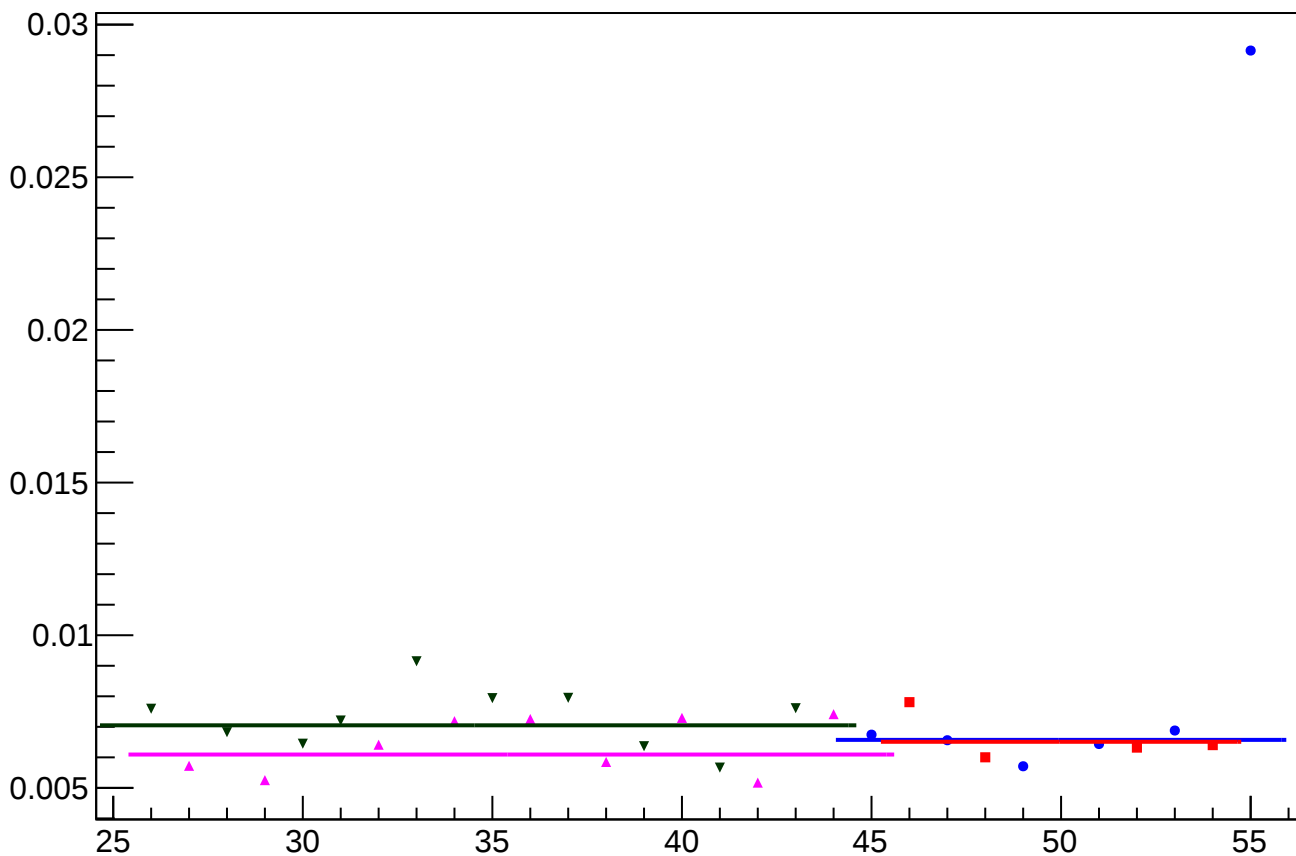
-0.806+/-0.000 χ^2/NDF : 268295223.2/15

Right Out: -0.796+/-0.000 χ^2/NDF : 139644.2/3

-0.804+/-0.000 χ^2/NDF : 97937723.9/12

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

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 645022.9/5

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

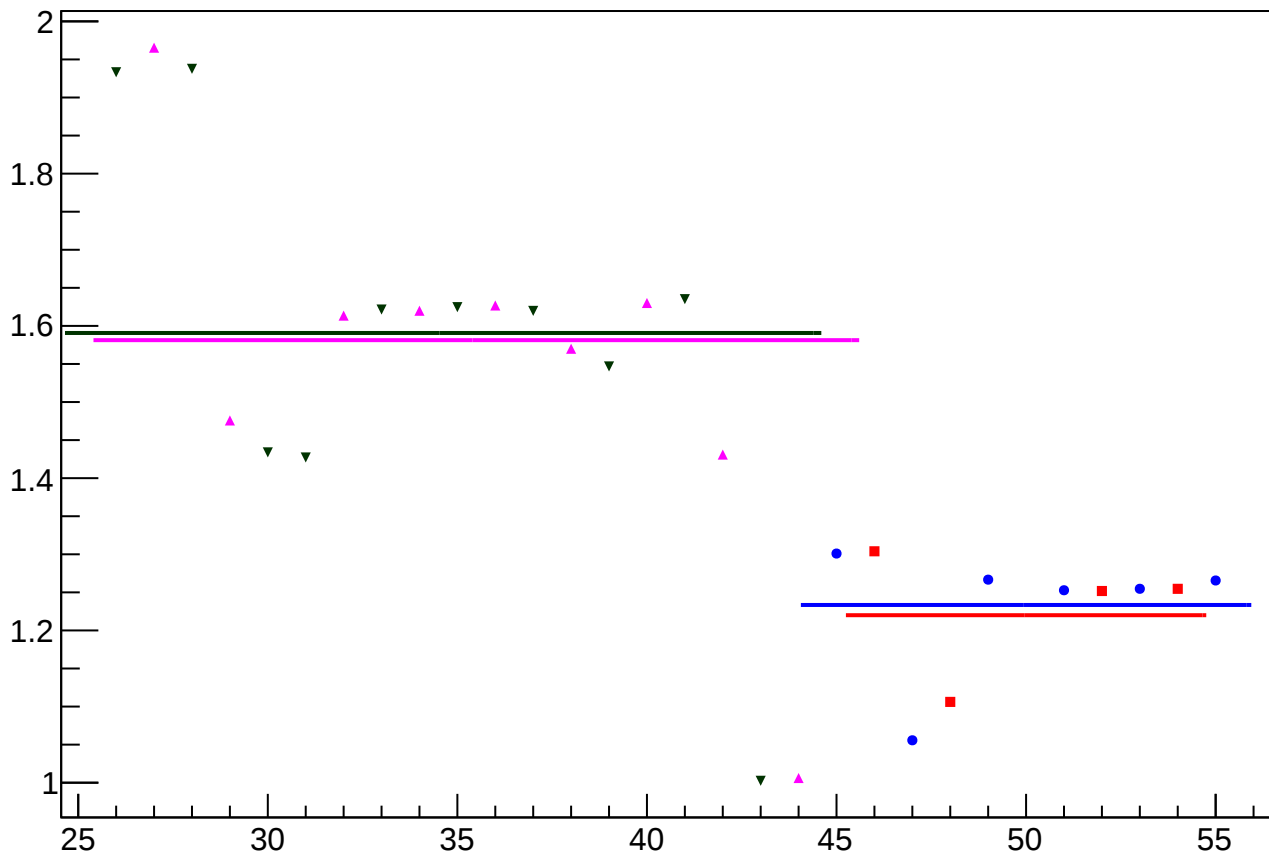
Right Out: 0.007+/-0.000 χ^2/NDF : 23666.4/3

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

0.007+/-0.000 χ^2/NDF : 795032.1/15

0.006+/-0.000 χ^2/NDF : 174718.0/12

yield_bpm12Y_mean vs slug



Right In: 1.233+/-0.000 χ^2/NDF : 435219227.6/5

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

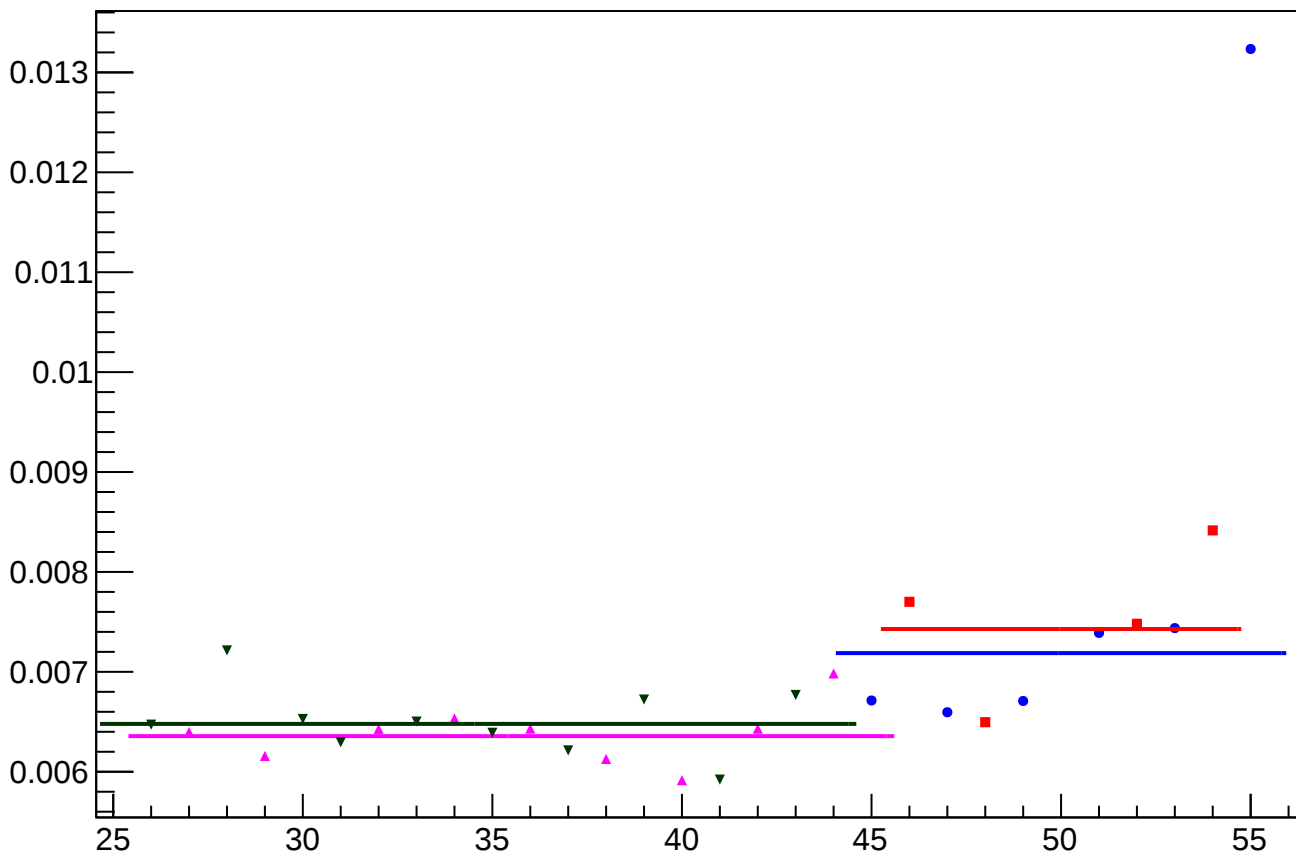
Right Out: 1.220+/-0.000 χ^2/NDF : 195101517.2/3

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

1.462+/-0.000 χ^2/NDF : 12539144477.0/15

1.507+/-0.000 χ^2/NDF : 10370847948.0/12

yield_bpm12Y_rms vs slug



Right In: 0.007 ± 0.000 χ^2/NDF : 237040.4/5

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

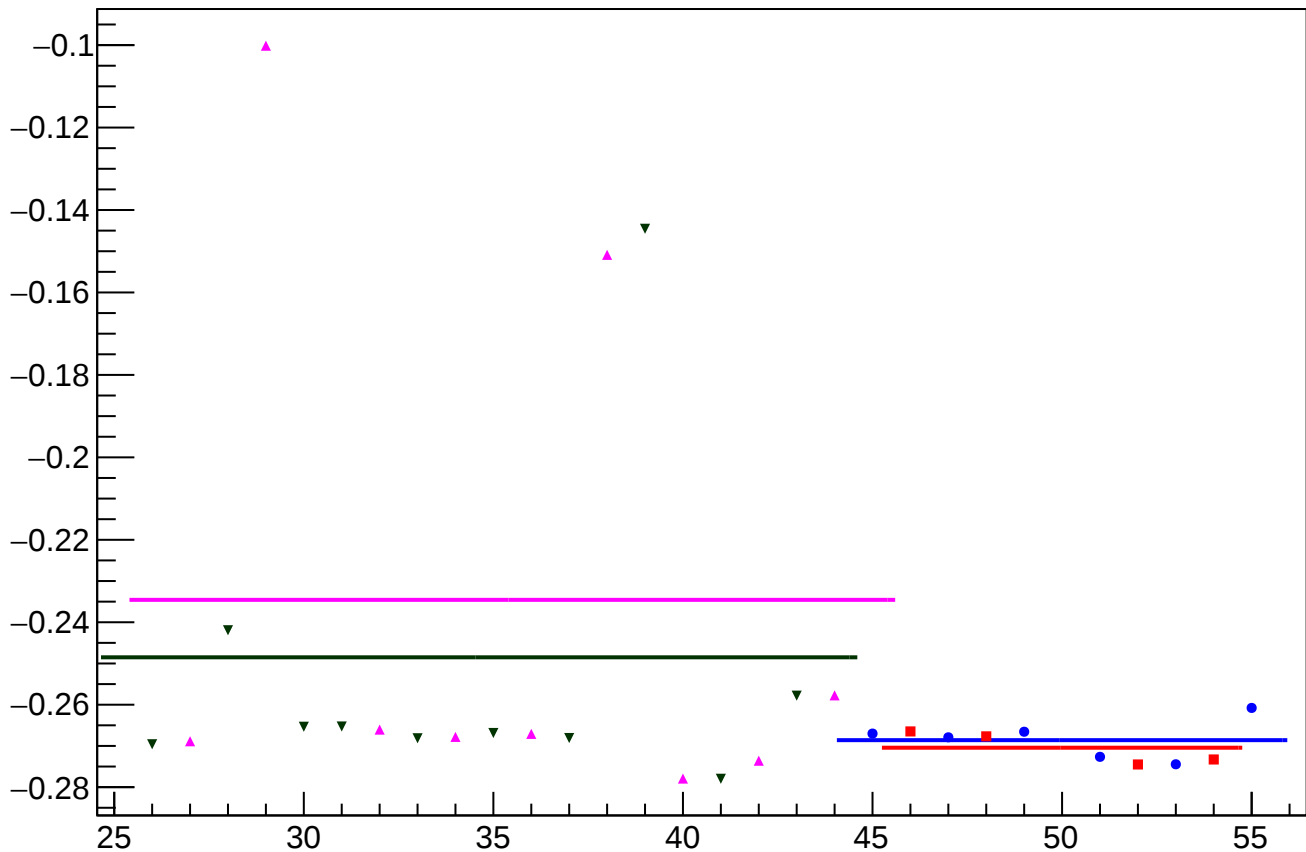
Right Out: 0.007 ± 0.000 χ^2/NDF : 31655.5/3

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

0.007 ± 0.000 χ^2/NDF : 305473.3/15

0.007 ± 0.000 χ^2/NDF : 108905.6/12

yield_bpm16X_mean vs slug



Right In: -0.269+/-0.000 χ^2/NDF : 1837830.3/5

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

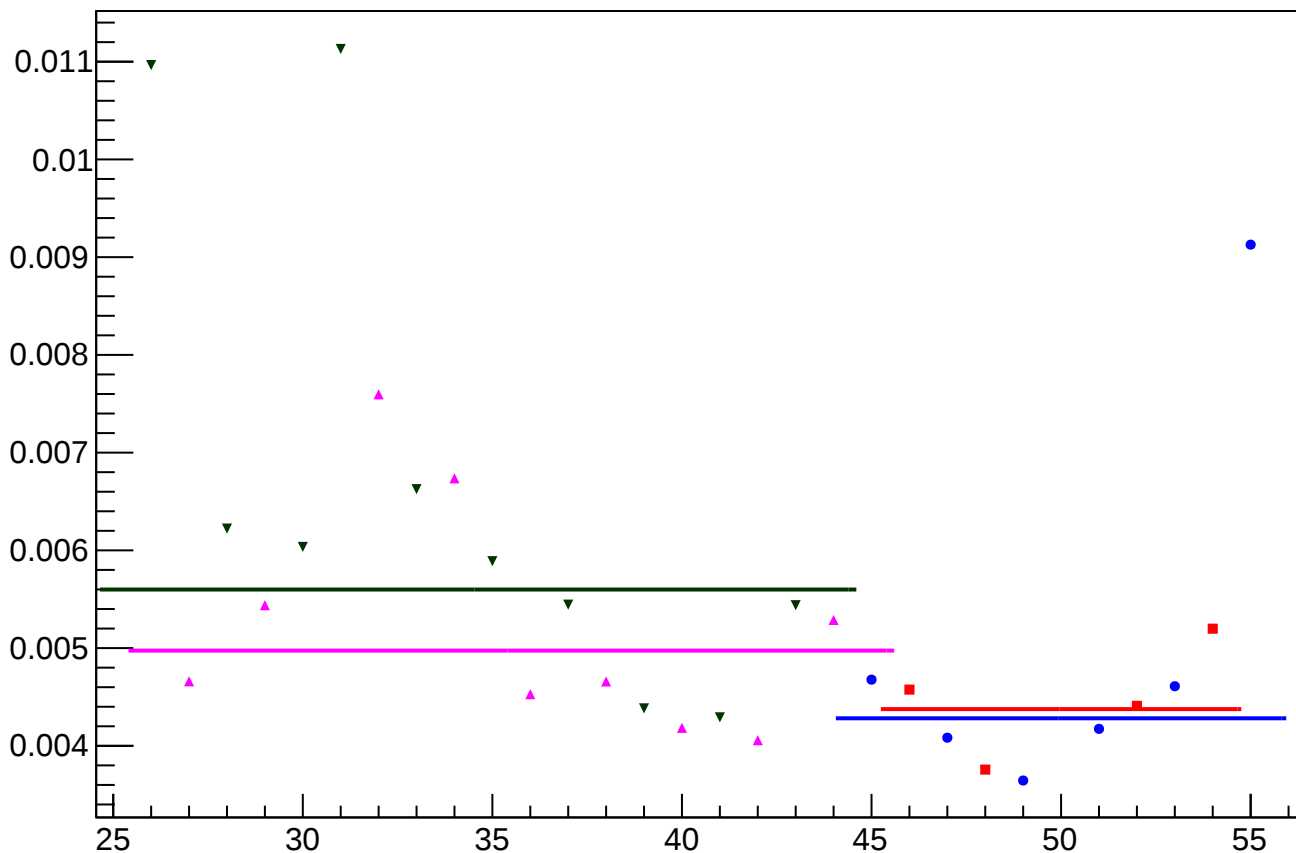
Right Out: -0.270+/-0.000 χ^2/NDF : 994906.7/3

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

-0.259+/-0.000 χ^2/NDF : 291522151.7/15

-0.245+/-0.000 χ^2/NDF : 863173493.4/12

yield_bpm16X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 352296.6/5

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

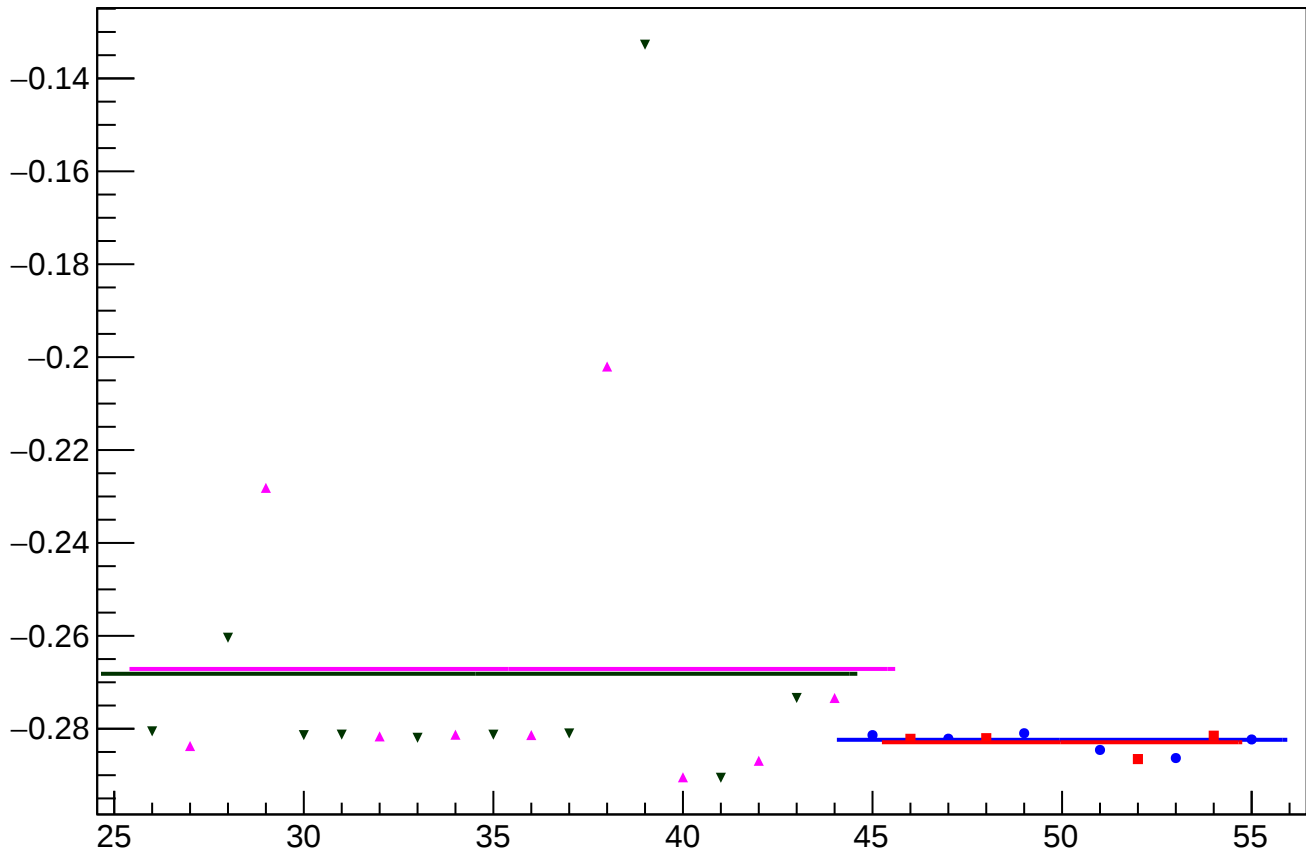
Right Out: 0.004+/-0.000 χ^2/NDF : 42893.4/3

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

0.005+/-0.000 χ^2/NDF : 1214298.9/15

0.005+/-0.000 χ^2/NDF : 448108.9/12

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 927766.4/5

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

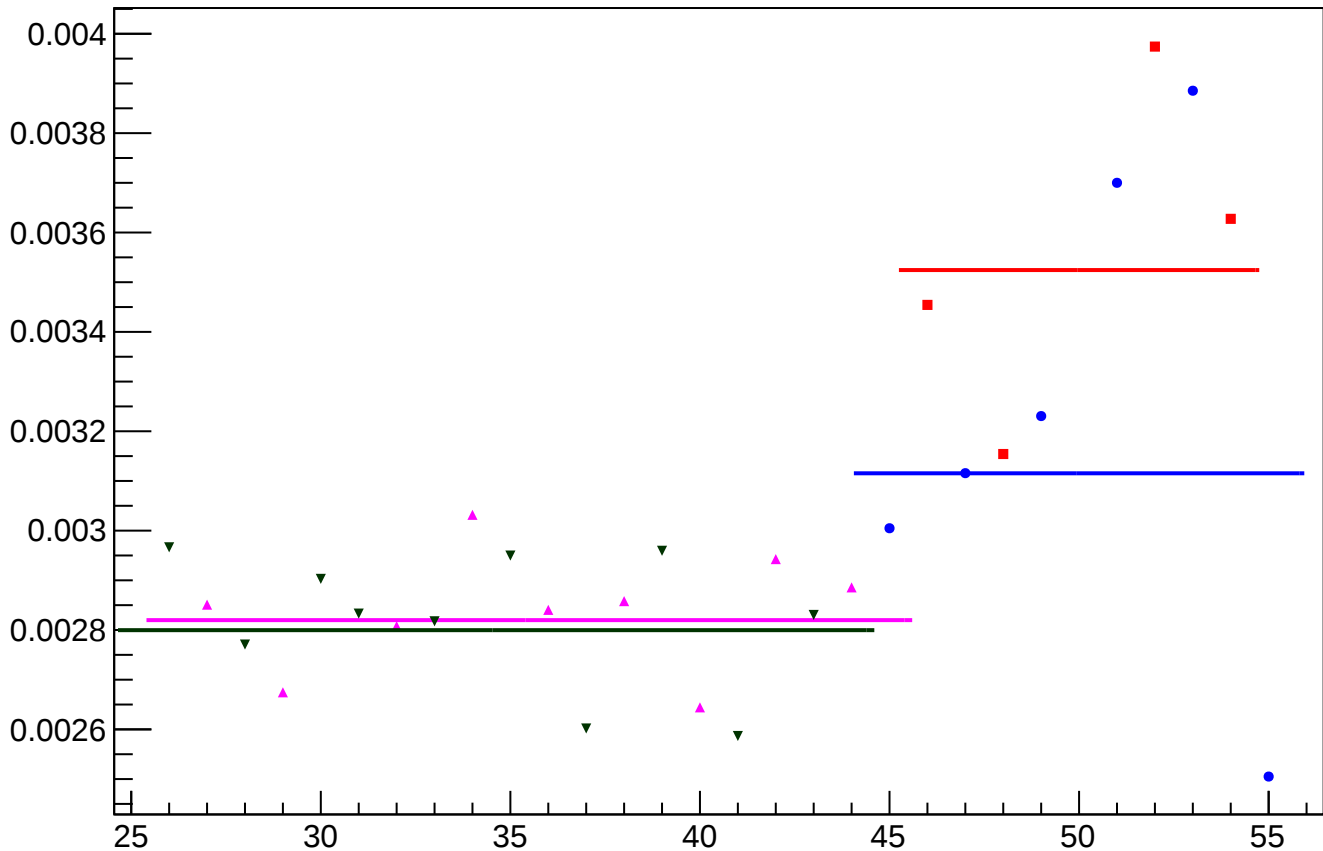
-0.273+/-0.000 χ^2/NDF : 1007553958.1/15

Right Out: -0.283+/-0.000 χ^2/NDF : 567539.0/3

-0.270+/-0.000 χ^2/NDF : 585838861.0/12

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 : 127982.1/5

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

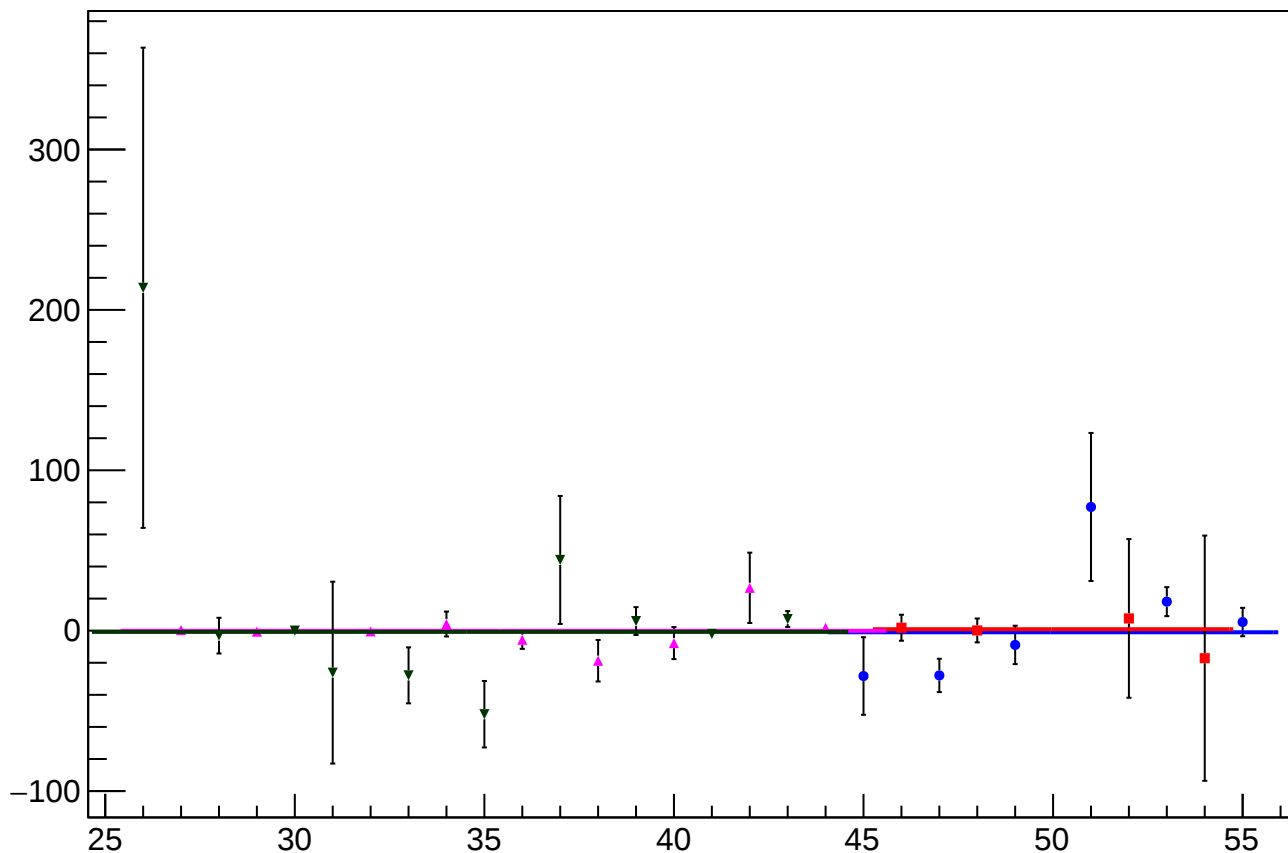
Right Out: 0.004+/-0.000 χ^2/NDF : 26697.8/3

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

0.003+/-0.000 χ^2/NDF : 197118.6/15

0.003+/-0.000 χ^2/NDF : 167683.0/12

diff_cav4bX_mean vs slug



Right In: -0.987 ± 4.800 χ^2/NDF : 16.3/5

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

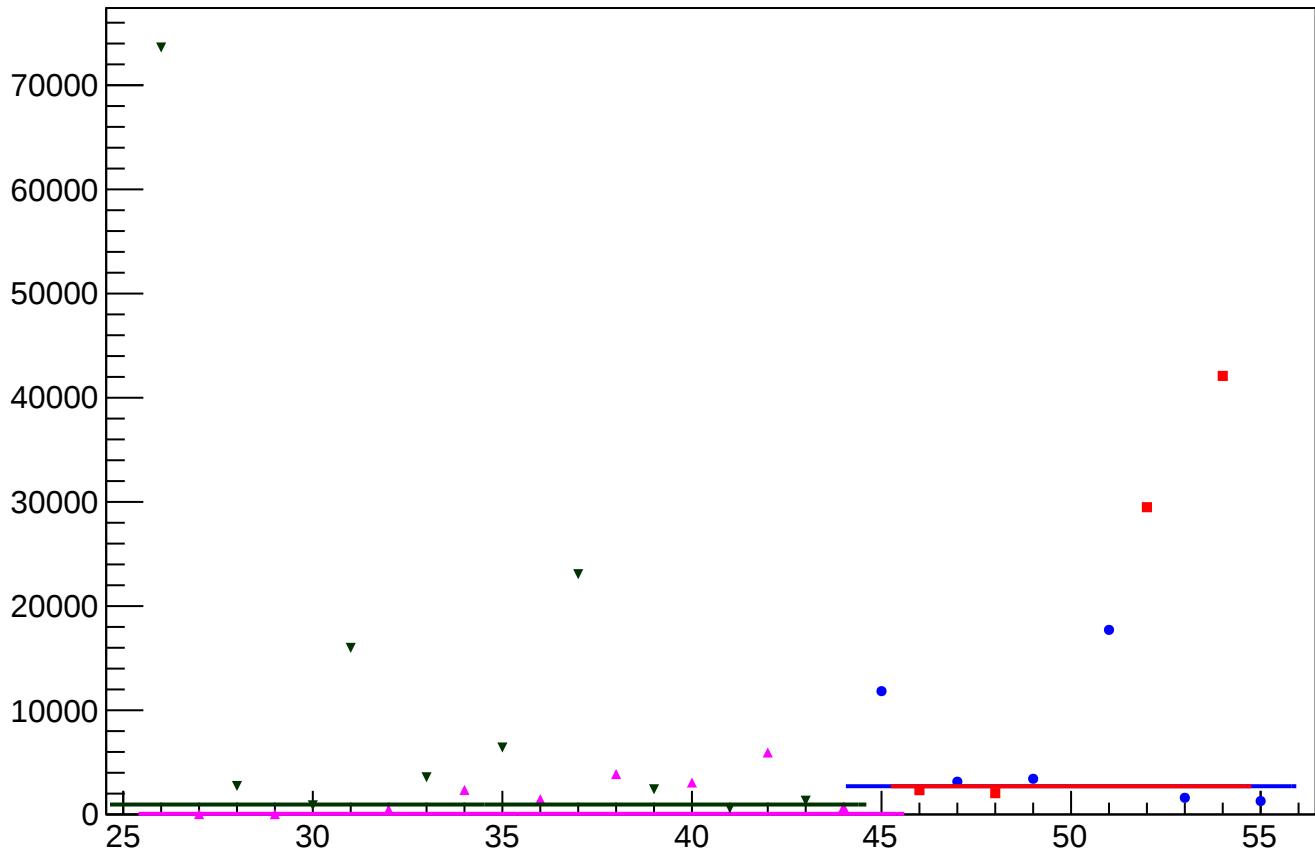
Right Out: 0.917 ± 5.435 χ^2/NDF : 0.1/3

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

-0.762 ± 1.476 χ^2/NDF : 32.0/15

-0.084 ± 0.168 χ^2/NDF : 15.8/12

diff_cav4bX_rms vs slug



Right In: 2709.957+/-3.394 χ^2/NDF : 588237.6/5

Left Out: 952.852+/-1.097 χ^2/NDF :1588574.2/9

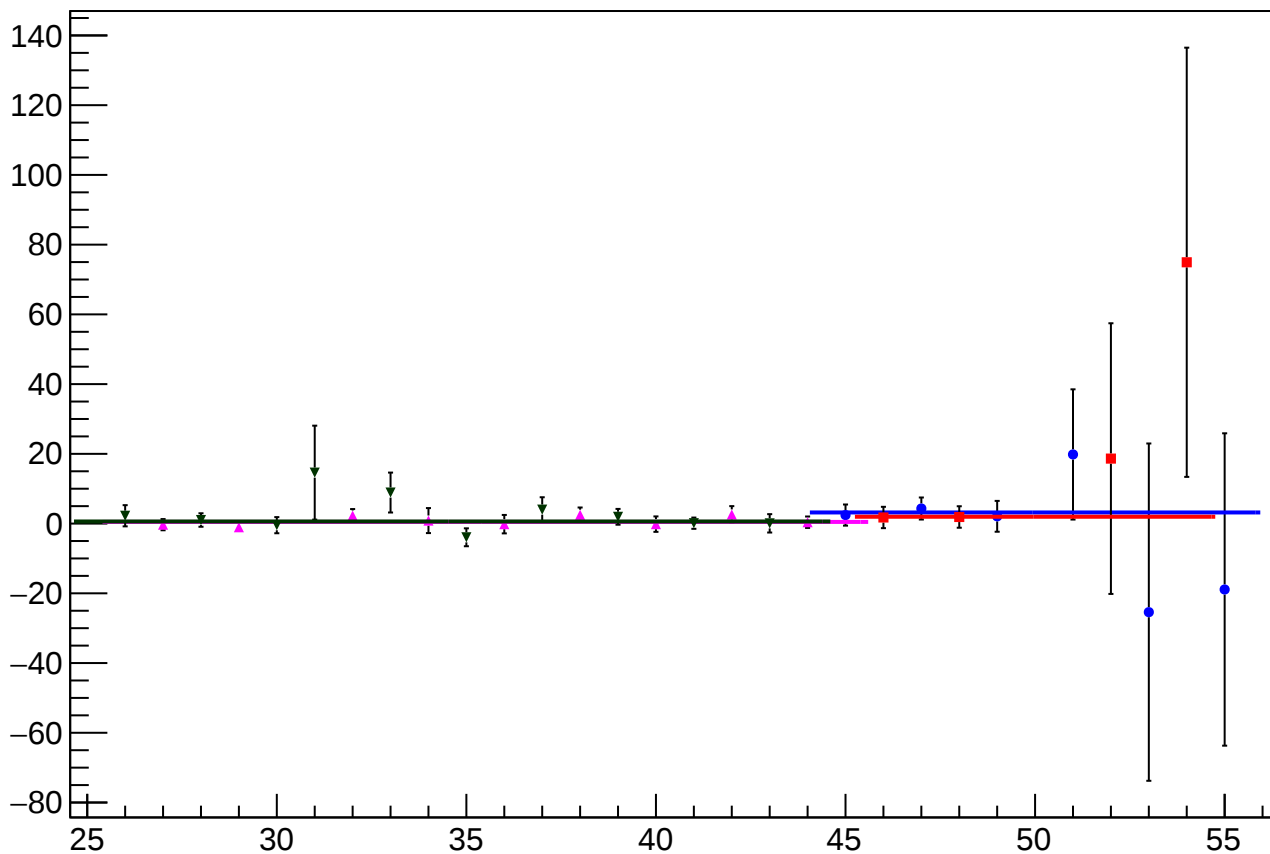
Right Out: 2707.409+/-3.843 χ^2/NDF : 1137691.4/3

Left In: 61.509+/-0.119 χ^2/NDF :1573017.7/8

1118.969+/-1.044 χ^2/NDF : 2419438.1/15

64.041+/-0.119 χ^2/NDF : 3184198.0/12

diff_cav4bY_mean vs slug



Right In: 3.190 ± 1.947 $\chi^2/\text{NDF}: 1.6/5$

Left Out: 0.601 ± 0.803 $\chi^2/\text{NDF}: 8.3/9$

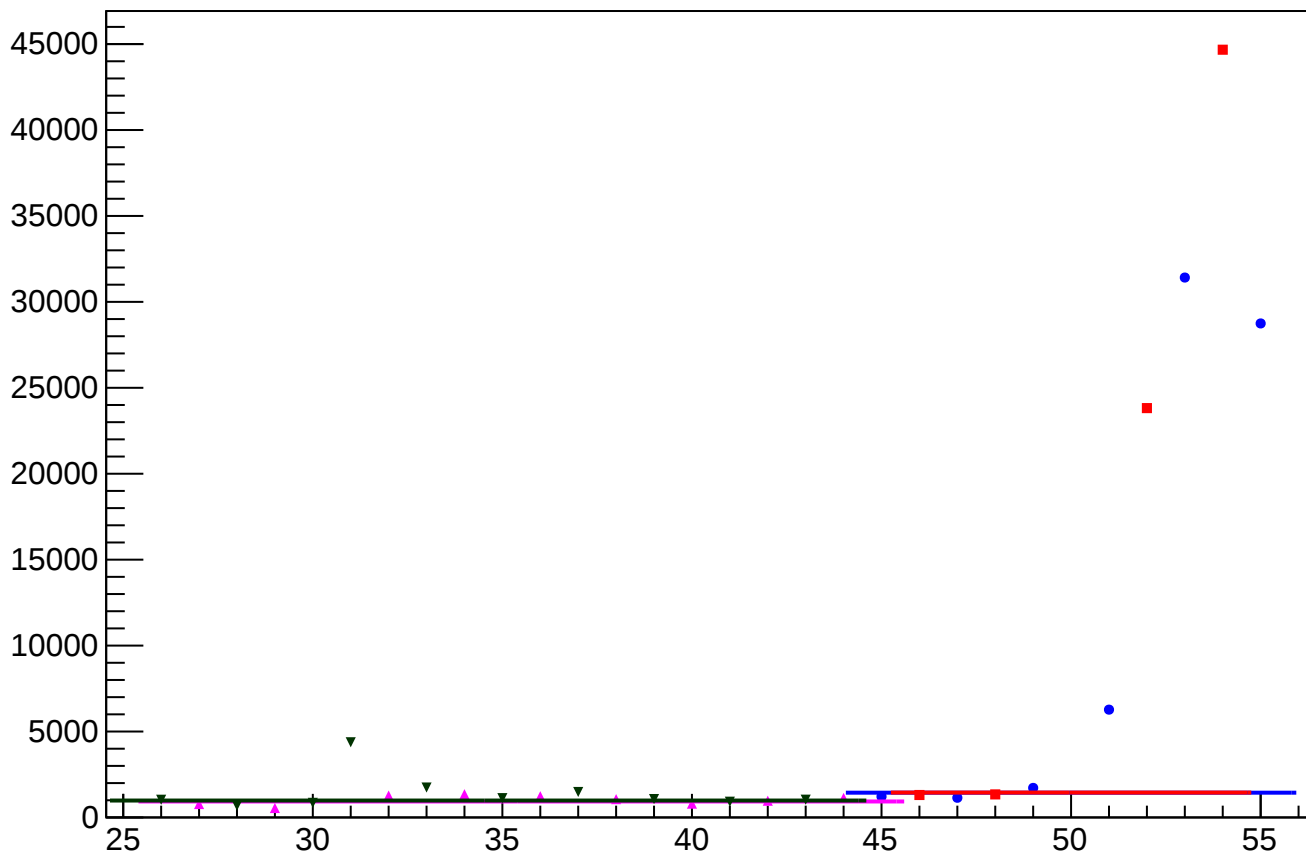
Right Out: 1.961 ± 2.166 $\chi^2/\text{NDF}: 1.6/3$

Left In: 0.474 ± 0.642 $\chi^2/\text{NDF}: 4.4/8$

0.977 ± 0.742 $\chi^2/\text{NDF}: 11.4/15$

0.594 ± 0.616 $\chi^2/\text{NDF}: 6.4/12$

diff_cav4bY_rms vs slug



Right In: 1441.344+/-1.376 χ^2/NDF : 1681678.4/5

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

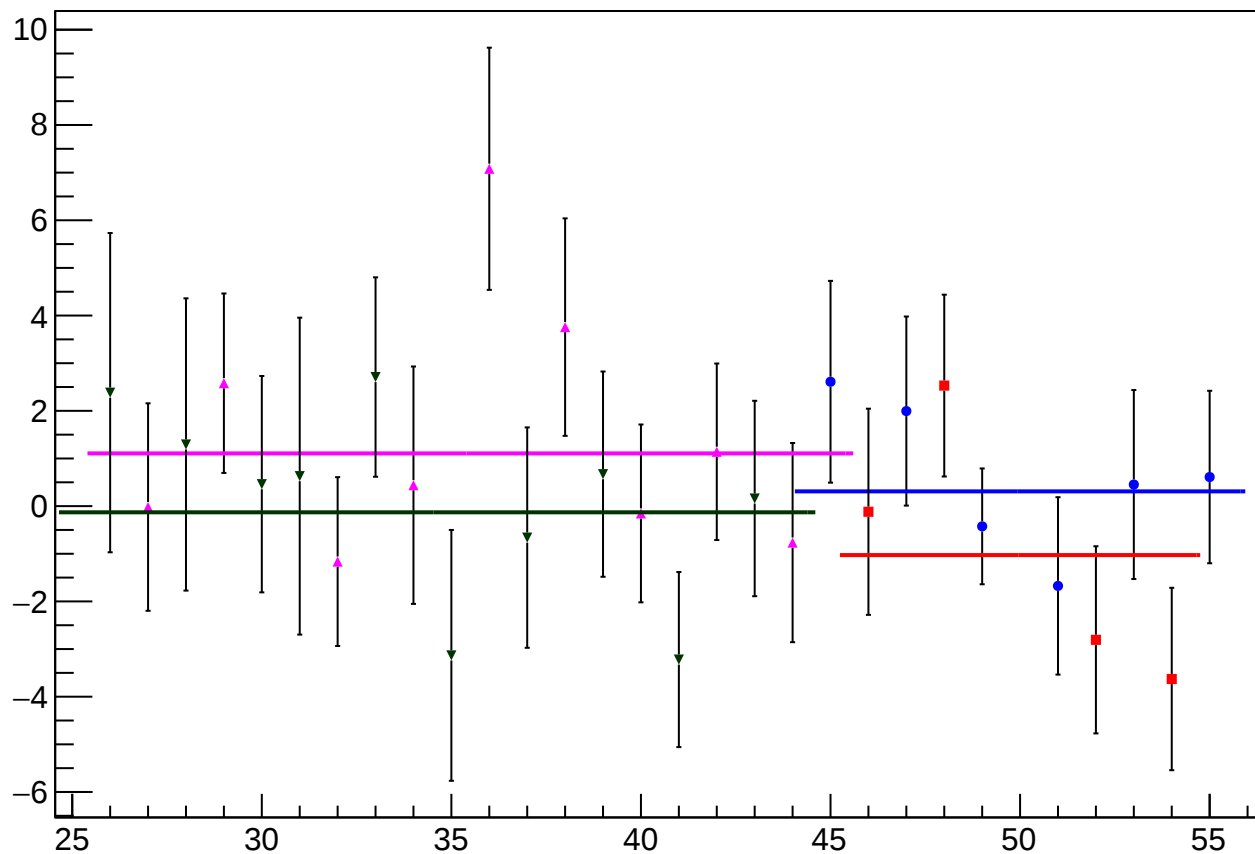
Right Out: 1447.851+/-1.532 χ^2/NDF : 1657341.8/3

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

1050.822+/-0.525 χ^2/NDF : 2045006.1/15

971.852+/-0.435 χ^2/NDF : 2111240.7/12

diff_cav4cX_mean vs slug



Right In: 0.310 ± 0.707 χ^2/NDF : 3.4/5

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

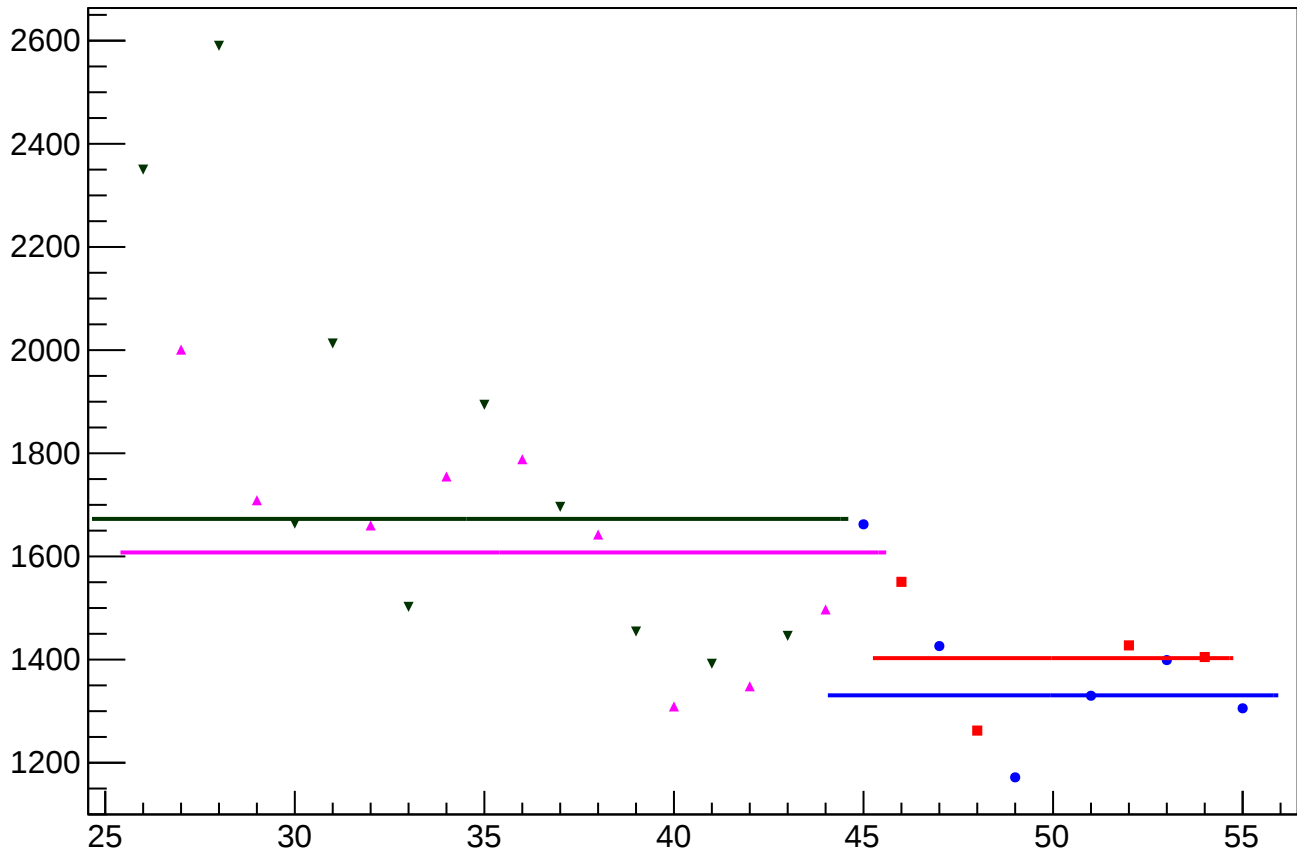
Right Out: -1.027 ± 0.990 χ^2/NDF : 6.3/3

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

0.102 ± 0.514 χ^2/NDF : 10.7/15

0.415 ± 0.564 χ^2/NDF : 20.2/12

diff_cav4cX_rms vs slug



Right In: 1330.708 $\pm$ 0.500 χ^2 /NDF: 90664.7/5

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

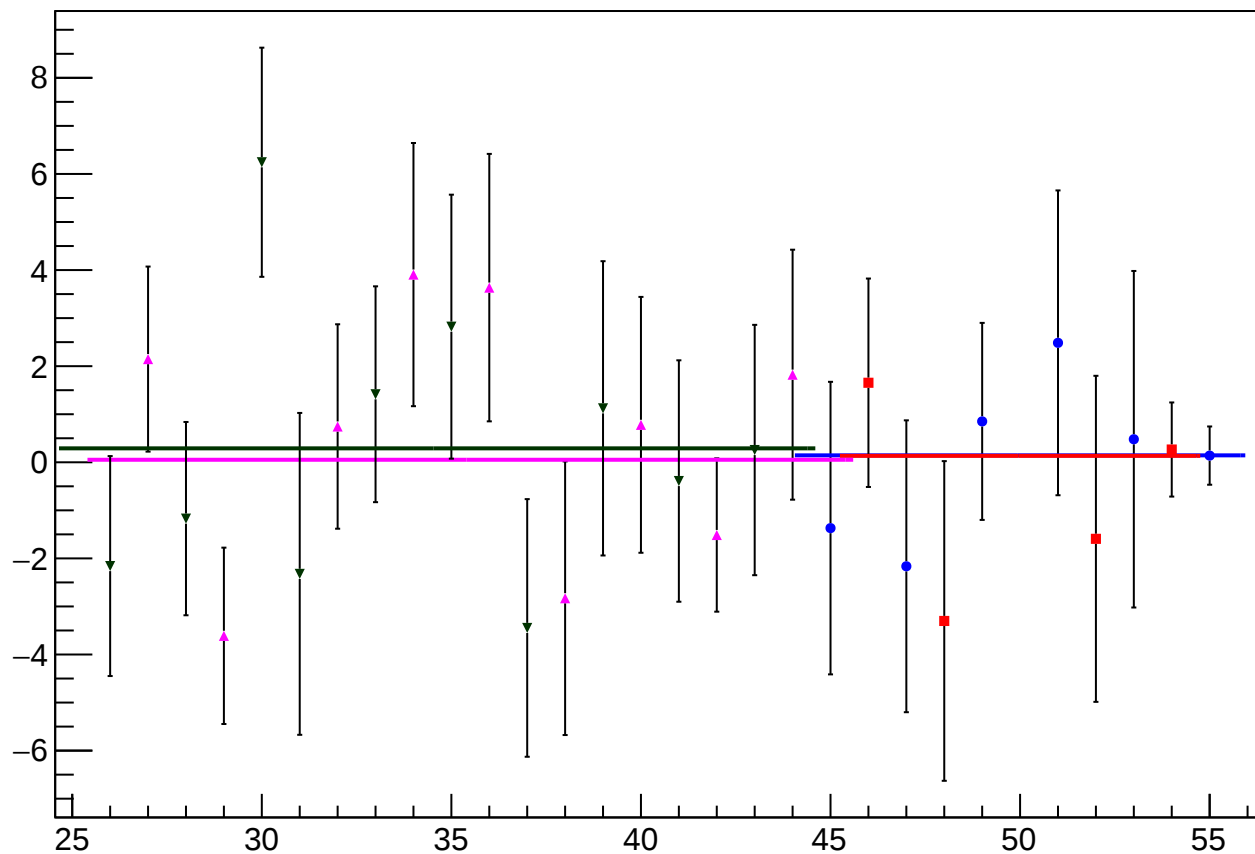
Right Out: 1402.834 $\pm$ 0.700 χ^2 /NDF: 20503.2/3

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

1492.114 $\pm$ 0.363 χ^2 /NDF: 712588.0/15

1541.284 $\pm$ 0.399 χ^2 /NDF: 264739.1/12

diff_cav4cY_mean vs slug



Right In: 0.144+/-0.546 χ^2/NDF : 1.5/5

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

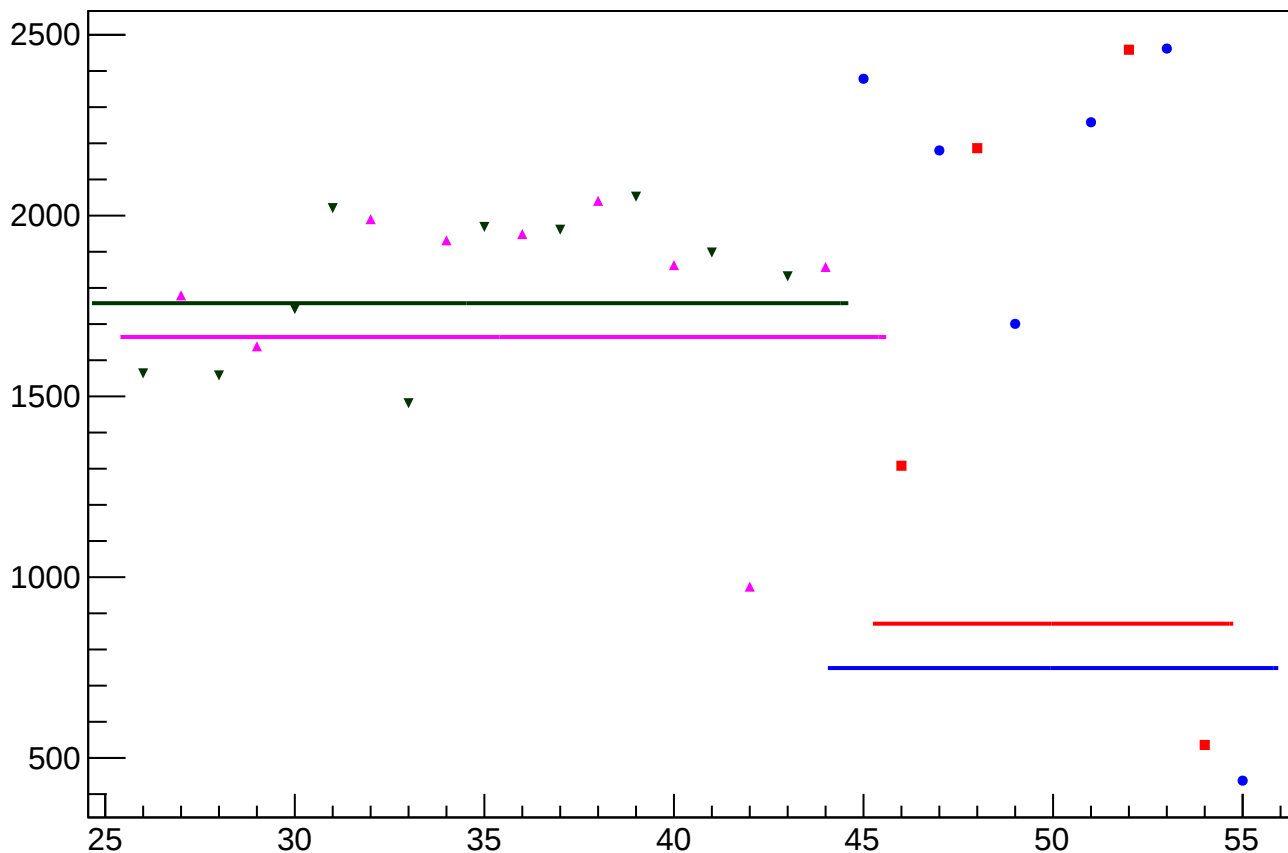
Right Out: 0.134+/-0.835 χ^2/NDF : 1.8/3

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

0.191+/-0.450 χ^2/NDF : 13.2/15

0.088+/-0.551 χ^2/NDF : 13.3/12

diff_cav4cY_rms vs slug



Right In: 748.646 ± 0.386 χ^2/NDF : 2908957.7/5

Left Out: 1757.817 ± 0.562 χ^2/NDF : 126542.7/9

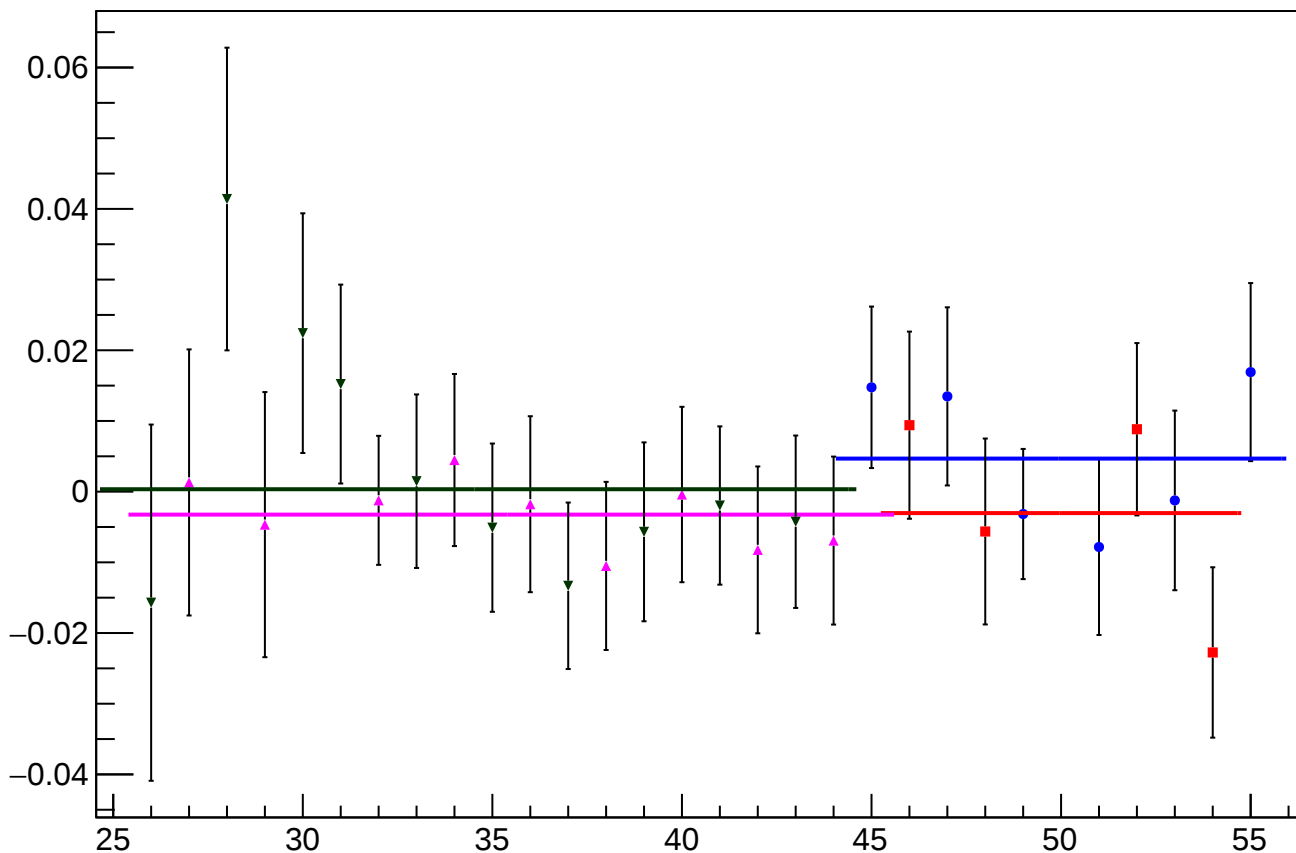
Right Out: 871.343 ± 0.591 χ^2/NDF : 1066449.3/3

Left In: 1664.274 ± 0.519 χ^2/NDF : 526261.8/8

1072.421 ± 0.318 χ^2/NDF : 5229162.3/15

1318.796 ± 0.390 χ^2/NDF : 2609242.0/12

diff_cav4dX_mean vs slug



Right In: 0.005 $\pm$ 0.005 χ^2/NDF : 4.2/5

Left Out: 0.000 $\pm$ 0.004 χ^2/NDF : 8.9/9

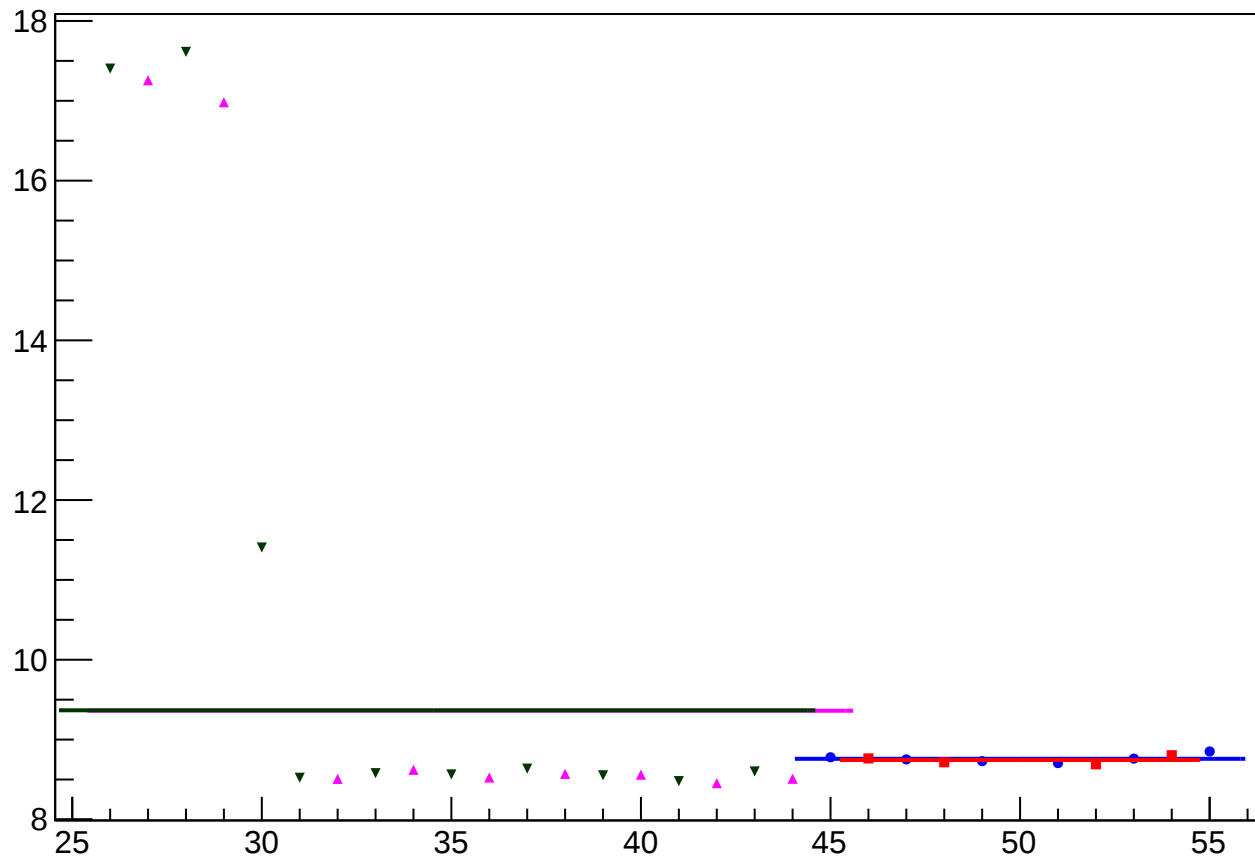
Right Out: -0.003 $\pm$ 0.006 χ^2/NDF : 4.5/3

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

0.002 $\pm$ 0.003 χ^2/NDF : 13.5/15

-0.003 $\pm$ 0.003 χ^2/NDF : 5.8/12

diff_cav4dX_rms vs slug



Right In: 8.759+/-0.003 χ^2/NDF : 171.3/5

Left Out: 9.367+/-0.003 χ^2/NDF : 590012.0/9

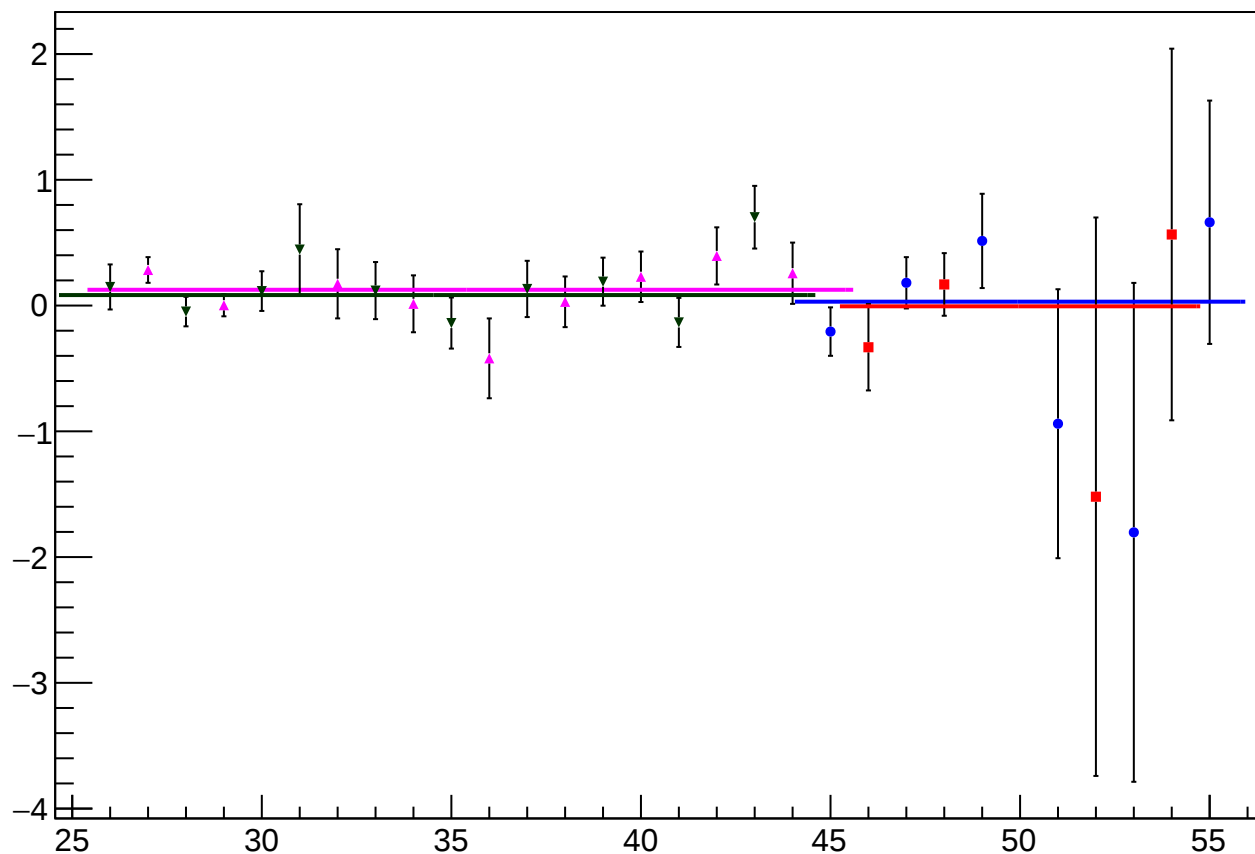
Right Out: 8.744+/-0.004 χ^2/NDF : 102.7/3

Left In: 9.361+/-0.003 χ^2/NDF : 755354.4/8

9.092+/-0.002 χ^2/NDF : 608253.1/15

9.176+/-0.002 χ^2/NDF : 768848.2/12

diff_cav4dY_mean vs slug



Right In: 0.031 ± 0.129 $\chi^2/\text{NDF}: 5.8/5$

Left Out: 0.083 ± 0.059 $\chi^2/\text{NDF}: 11.4/9$

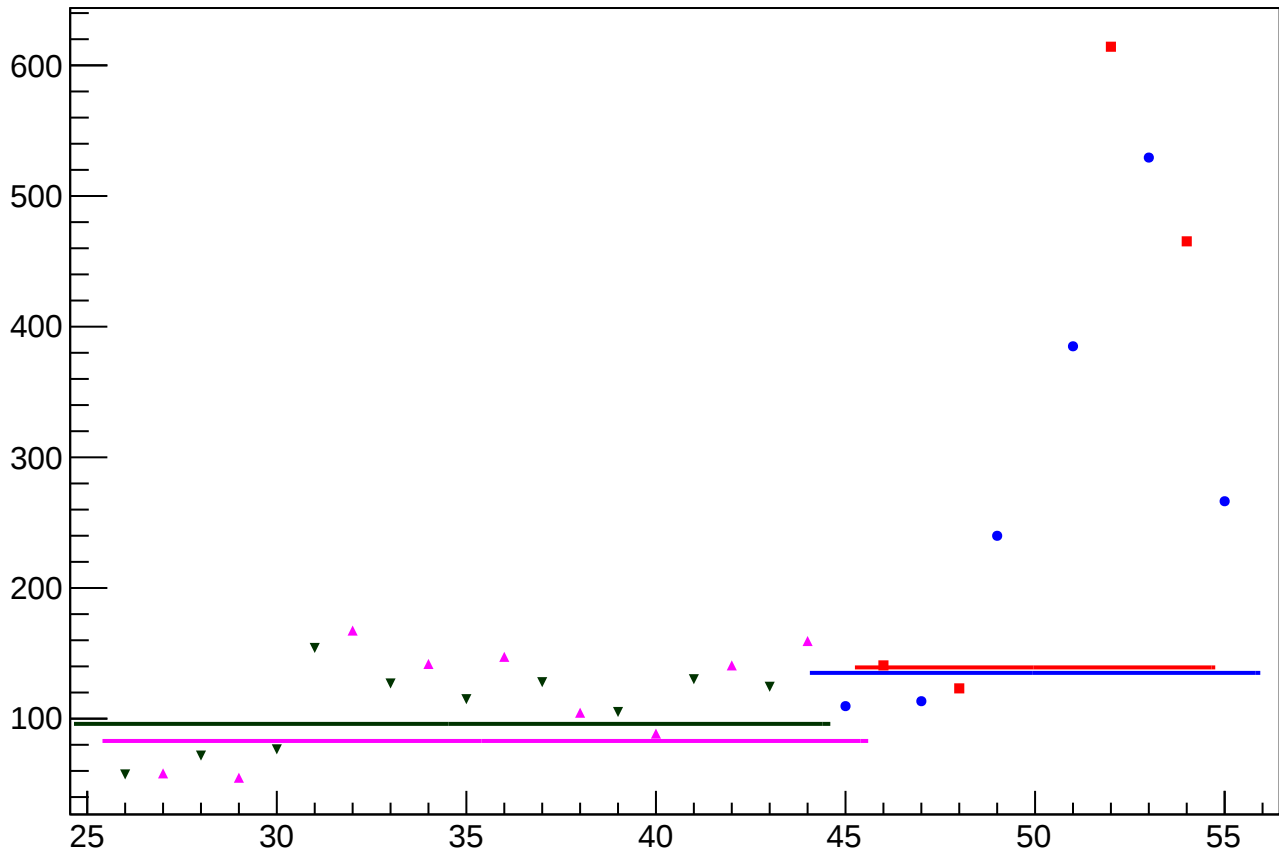
Right Out: -0.006 ± 0.199 $\chi^2/\text{NDF}: 2.0/3$

Left In: 0.126 ± 0.053 $\chi^2/\text{NDF}: 9.7/8$

0.074 ± 0.054 $\chi^2/\text{NDF}: 17.4/15$

0.117 ± 0.051 $\chi^2/\text{NDF}: 12.1/12$

diff_cav4dY_rms vs slug



Right In: 135.038+/-0.091 χ^2/NDF : 439307.7/5

Left Out: 96.008+/-0.042 χ^2/NDF :447968.4/9

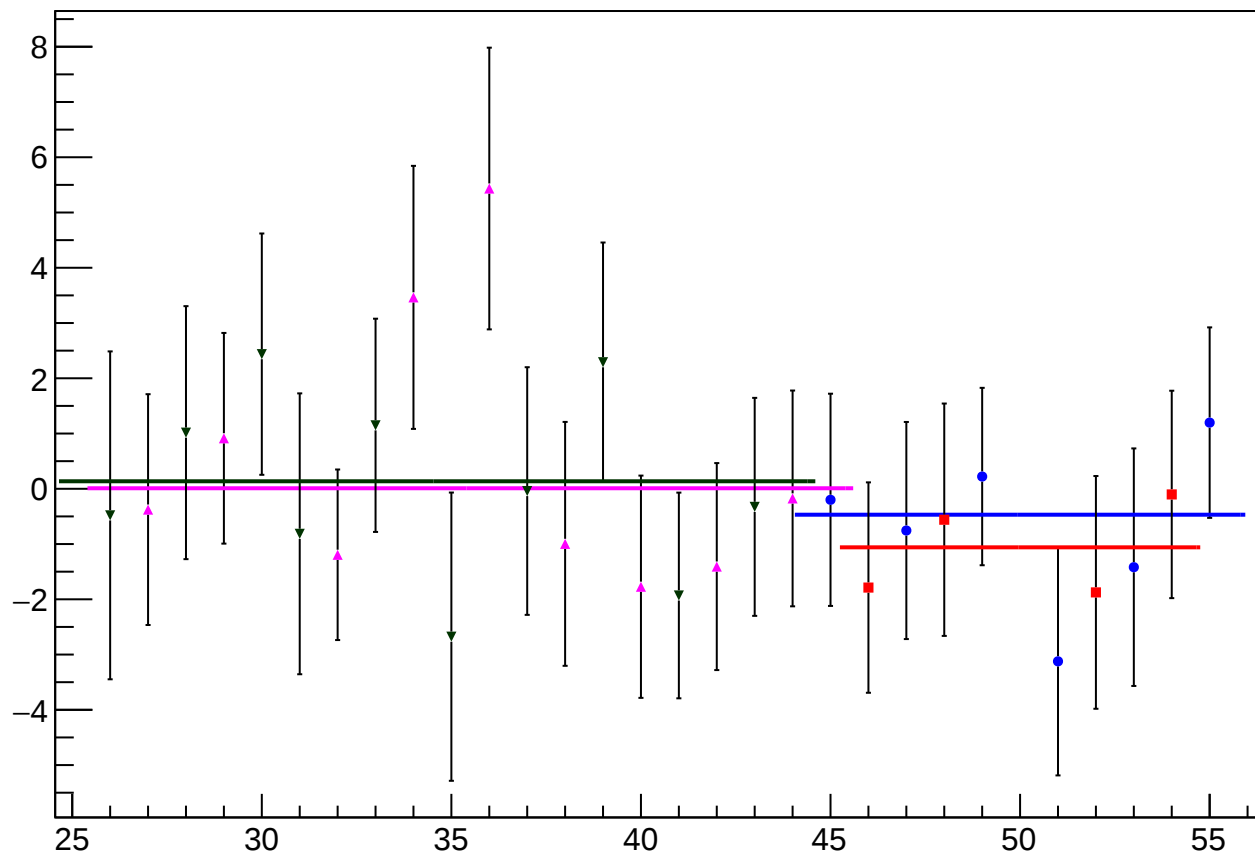
Right Out: 139.222+/-0.141 χ^2/NDF : 197284.2/3

Left In: 82.932+/-0.038 χ^2/NDF :1078957.9/8

102.826+/-0.038 χ^2/NDF : 1038863.7/15

86.698+/-0.036 χ^2/NDF : 1425700.1/12

diff_bpm4aX_mean vs slug



Right In: -0.469 ± 0.766 $\chi^2/\text{NDF}: 3.0/5$

Left Out: 0.136 ± 0.700 $\chi^2/\text{NDF}: 5.2/9$

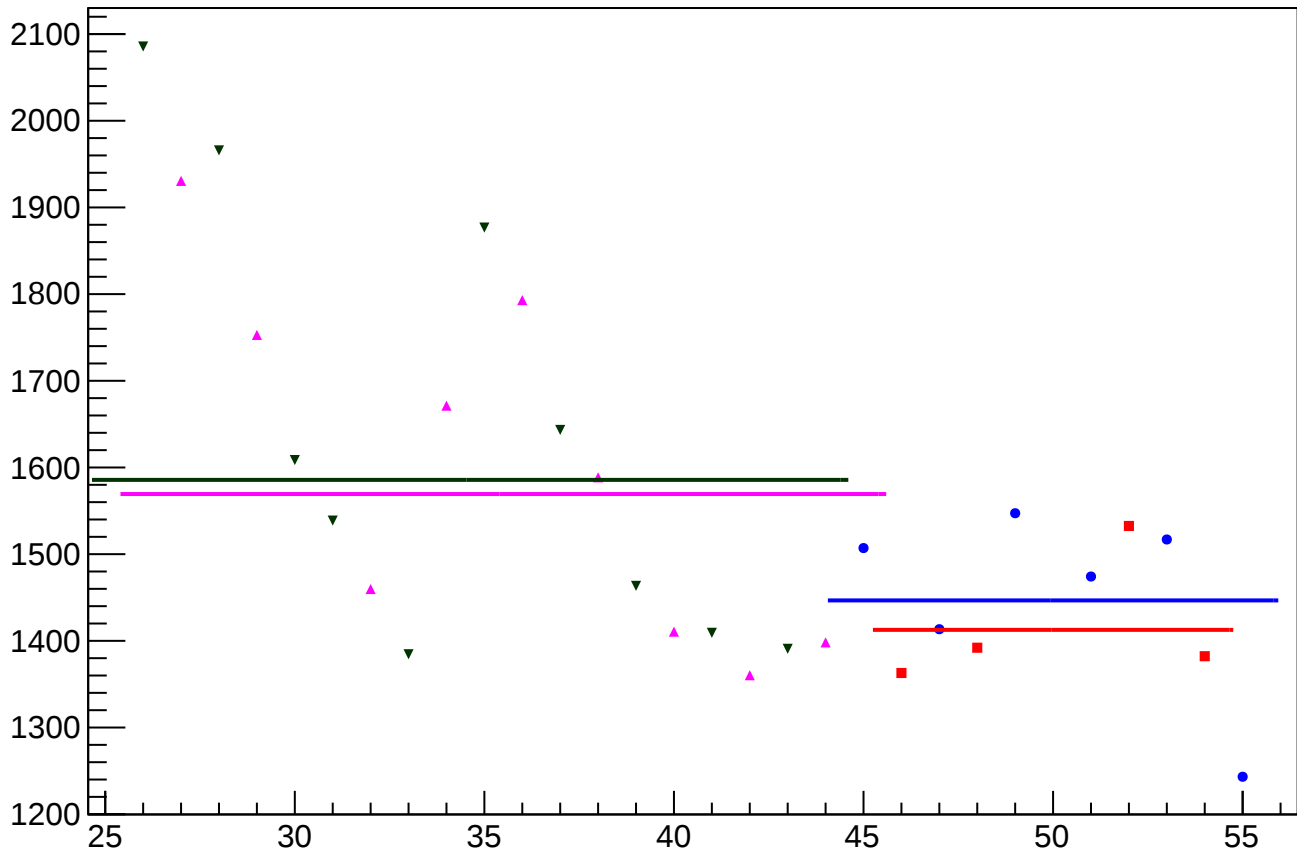
Right Out: -1.059 ± 0.994 $\chi^2/\text{NDF}: 0.6/3$

Left In: 0.010 ± 0.666 $\chi^2/\text{NDF}: 9.1/8$

-0.139 ± 0.517 $\chi^2/\text{NDF}: 8.5/15$

-0.321 ± 0.553 $\chi^2/\text{NDF}: 10.5/12$

diff_bpm4aX_rms vs slug



Right In: 1446.648 $\pm$ 0.541 χ^2 /NDF: 40754.2/5

Left Out: 1585.705 $\pm$ 0.495 χ^2 /NDF: 204665.3/9

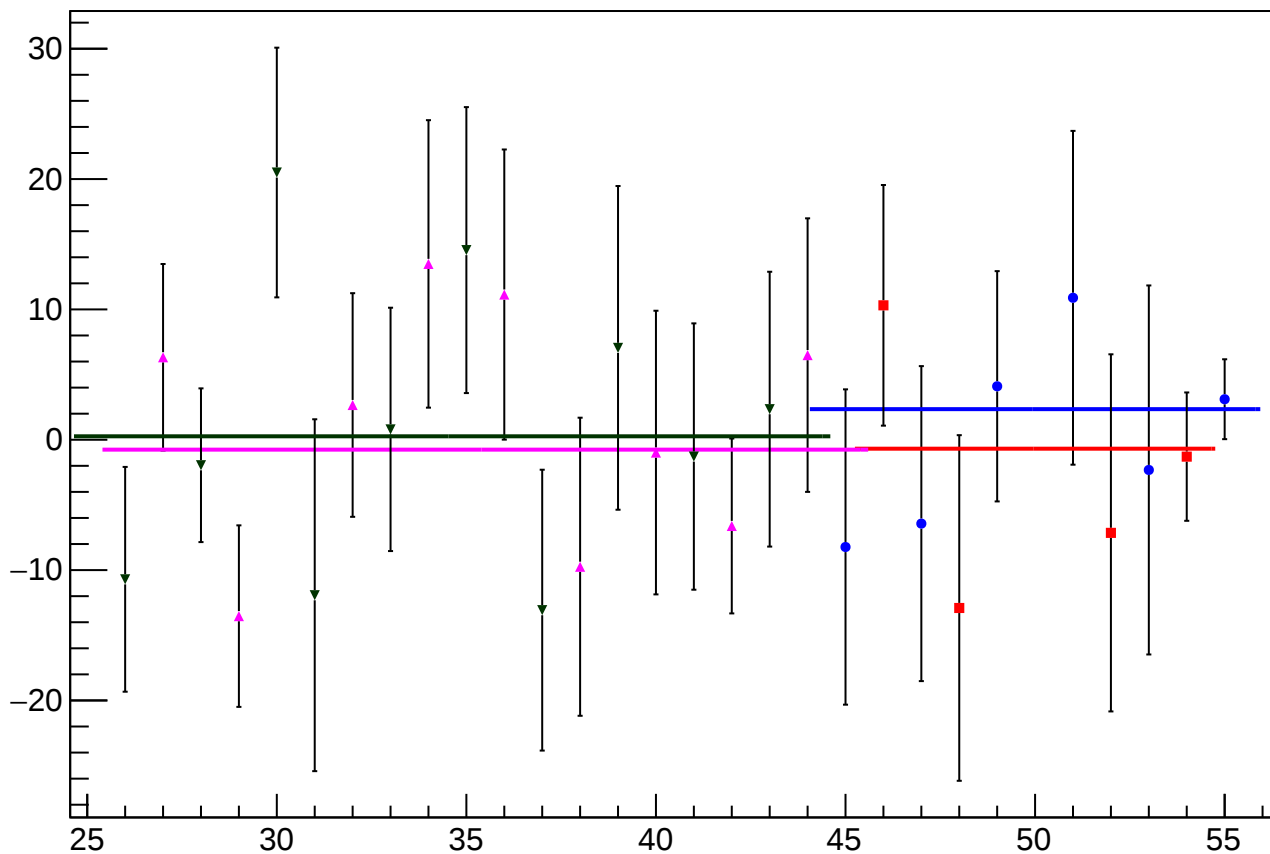
1522.418 $\pm$ 0.365 χ^2 /NDF: 281368.0/15

Right Out: 1412.679 $\pm$ 0.703 χ^2 /NDF: 8560.8/3

1520.844 $\pm$ 0.391 χ^2 /NDF: 203275.9/12

Left In: 1569.368 $\pm$ 0.471 χ^2 /NDF: 160431.6/8

diff_bpm4aY_mean vs slug



Right In: 2.348 ± 2.634 χ^2/NDF : 1.9/5

Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

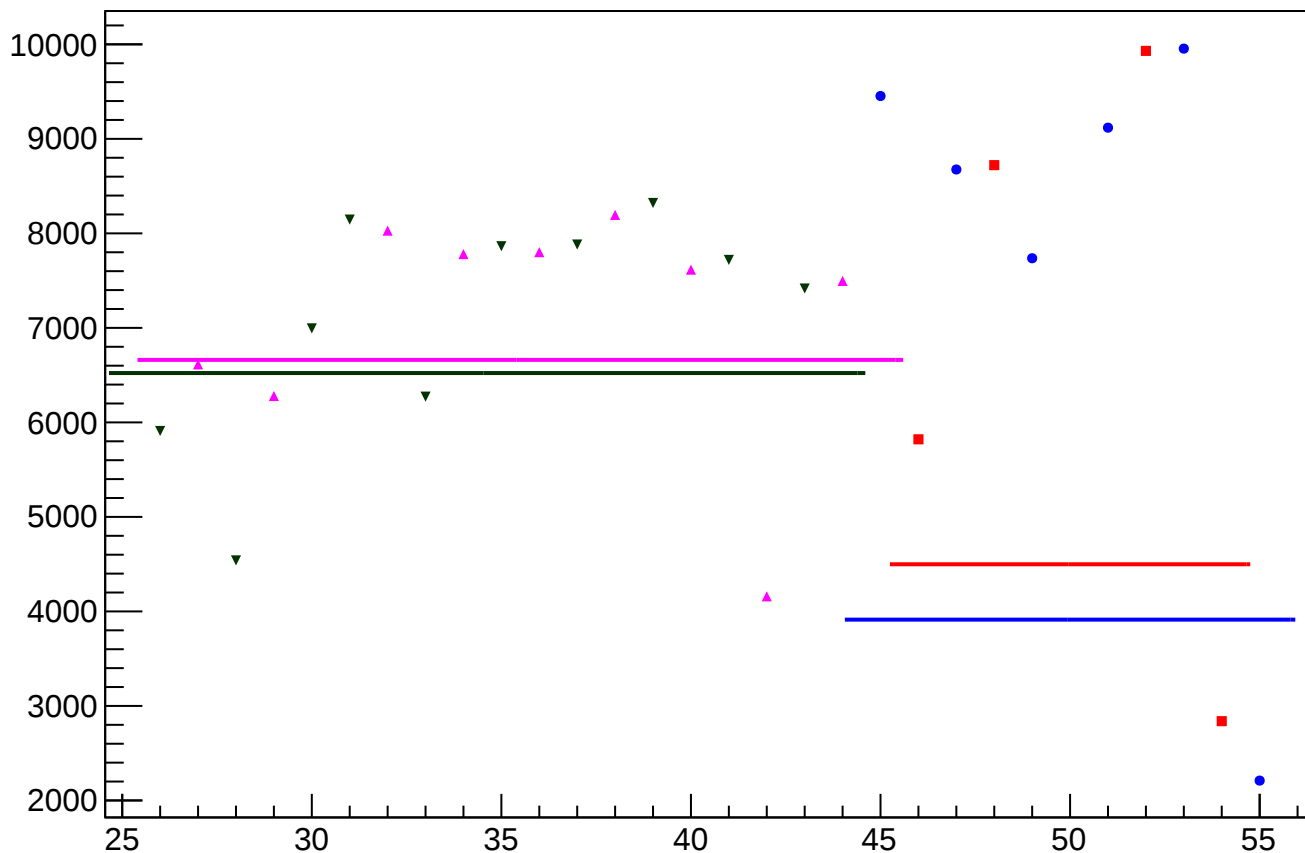
Right Out: -0.685 ± 3.953 χ^2/NDF : 2.5/3

Left In: -0.758 ± 2.918 χ^2/NDF : 9.2/8

1.437 ± 1.976 χ^2/NDF : 12.9/15

-0.733 ± 2.348 χ^2/NDF : 11.7/12

diff_bpm4aY_rms vs slug



Right In: 3913.131+/-1.863 χ^2/NDF : 2417690.7/5

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

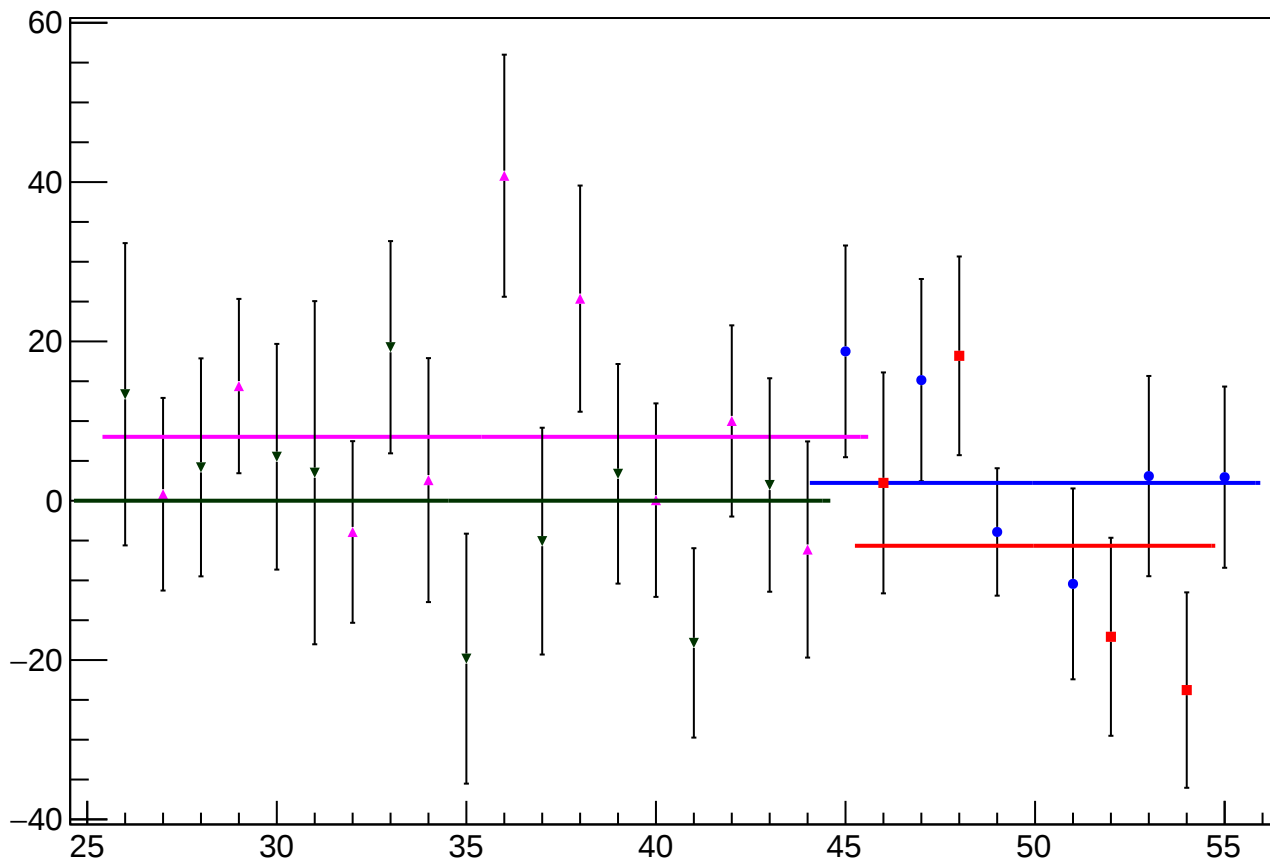
Right Out: 4498.792+/-2.795 χ^2/NDF : 785780.5/3

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

5054.510+/-1.397 χ^2/NDF : 3692908.8/15

5898.393+/-1.660 χ^2/NDF : 1613904.5/12

diff_bpm4eX_mean vs slug



Right In: 2.239 ± 4.540 χ^2/NDF : 4.3/5

Left Out: 0.003 ± 4.574 χ^2/NDF : 6.9/9

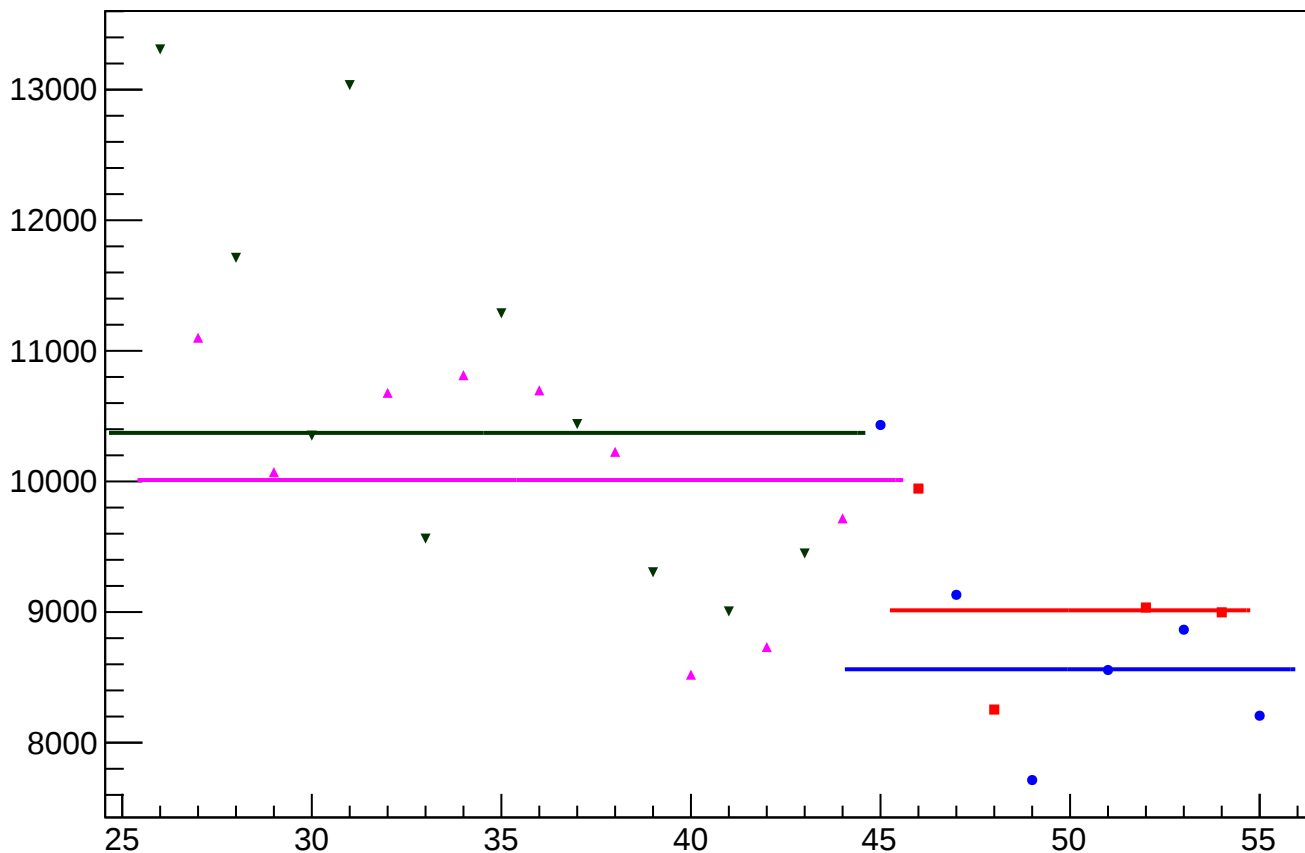
Right Out: -5.654 ± 6.357 χ^2/NDF : 7.0/3

Left In: 8.023 ± 4.241 χ^2/NDF : 9.6/8

1.129 ± 3.222 χ^2/NDF : 11.3/15

3.810 ± 3.528 χ^2/NDF : 19.8/12

diff_bpm4eX_rms vs slug



Right In: 8561.902+/-3.210 χ^2/NDF : 69258.2/5

Left Out: 10371.917+/-3.234 χ^2/NDF :159833.9/9

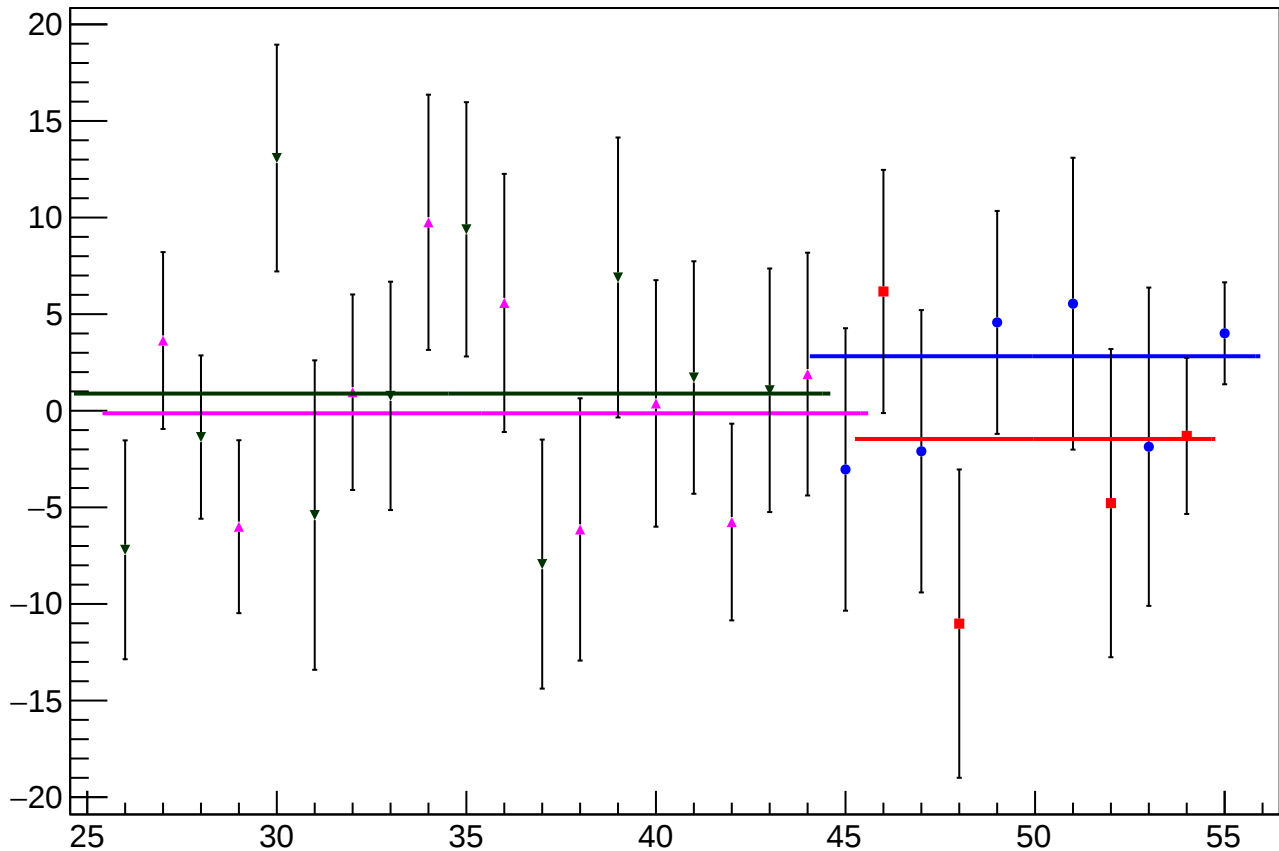
Right Out: 9013.275+/-4.495 χ^2/NDF : 16470.4/3

Left In: 10010.878+/-2.999 χ^2/NDF :86966.5/8

9460.076+/-2.278 χ^2/NDF : 386863.7/15

9703.595+/-2.495 χ^2/NDF : 137522.4/12

diff_bpm4eY_mean vs slug



Right In: 2.821 ± 2.027 $\chi^2/\text{NDF}: 1.8/5$

Left Out: 0.889 ± 1.892 $\chi^2/\text{NDF}: 11.5/9$

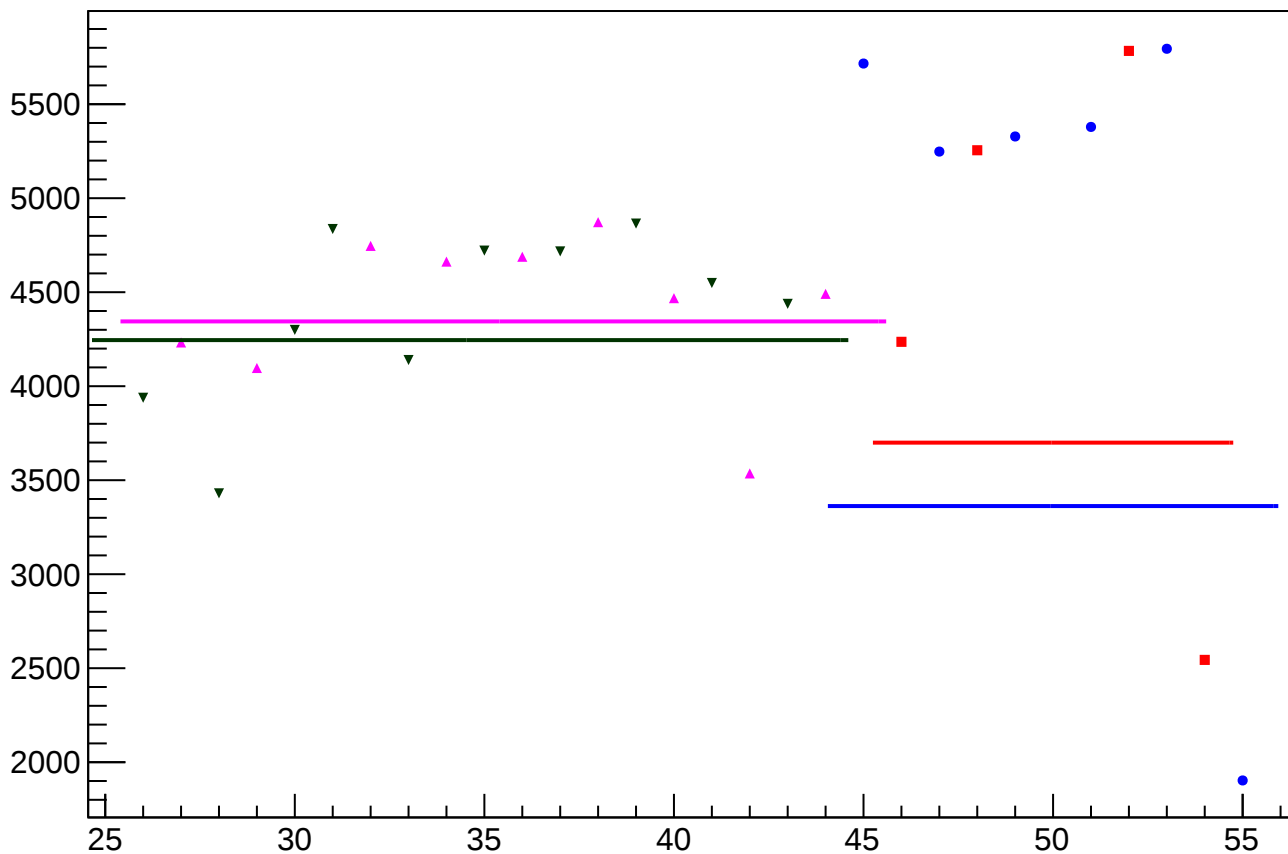
1.789 ± 1.383 $\chi^2/\text{NDF}: 13.8/15$

Right Out: -1.460 ± 2.913 $\chi^2/\text{NDF}: 3.1/3$

-0.513 ± 1.562 $\chi^2/\text{NDF}: 10.8/12$

Left In: -0.131 ± 1.850 $\chi^2/\text{NDF}: 7.5/8$

diff_bpm4eY_rms vs slug



Right In: 3362.443 $\pm$ 1.433 χ^2 /NDF: 1501590.0/5

Left Out: 4245.194 $\pm$ 1.338 χ^2 /NDF:134695.9/9

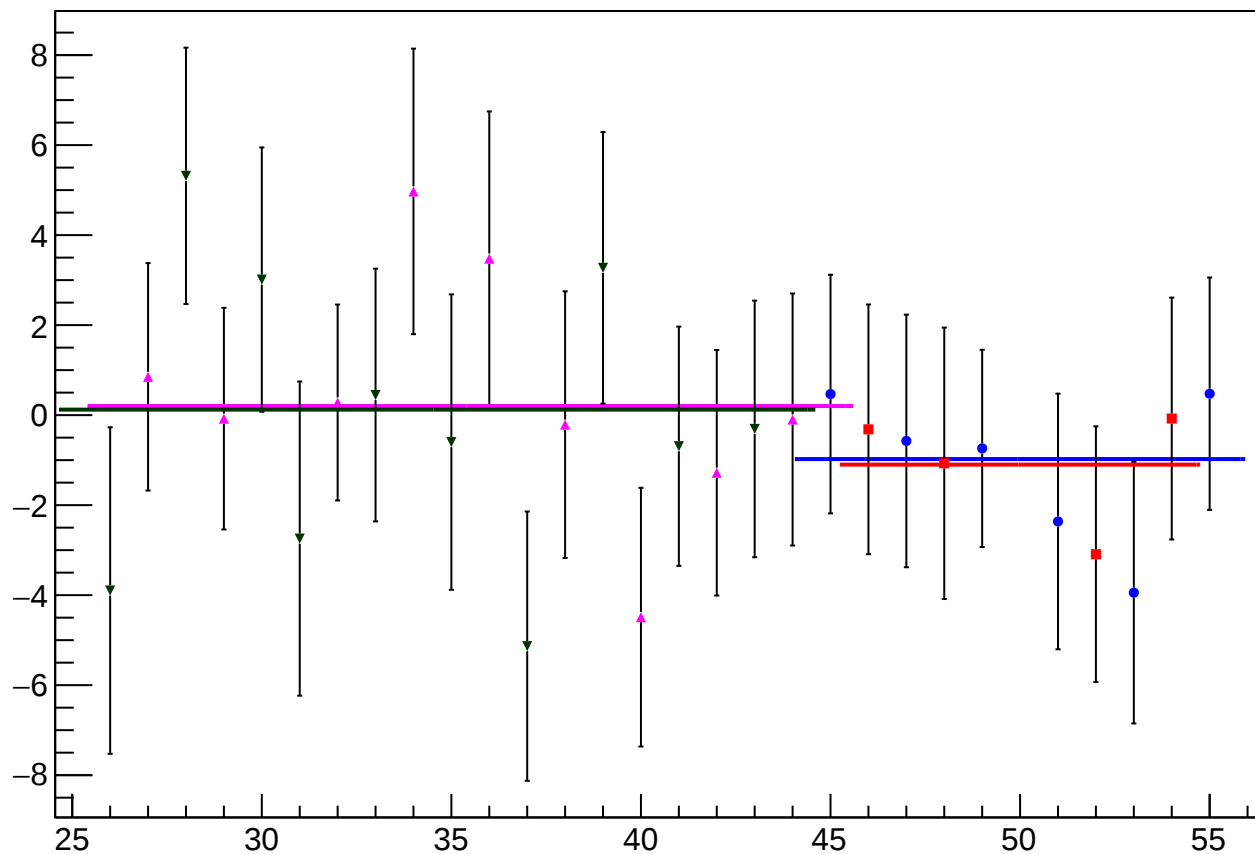
Right Out: 3699.817 $\pm$ 2.060 χ^2 /NDF: 390406.3/3

Left In: 4344.594 $\pm$ 1.308 χ^2 /NDF:94268.1/8

3834.202 $\pm$ 0.978 χ^2 /NDF: 1838995.6/15

4159.292 $\pm$ 1.104 χ^2 /NDF: 554505.4/12

diff_bpm4acX_mean vs slug



Right In: -0.976 ± 1.072 χ^2/NDF : 1.9/5

Left Out: 0.122 ± 0.952 χ^2/NDF : 10.6/9

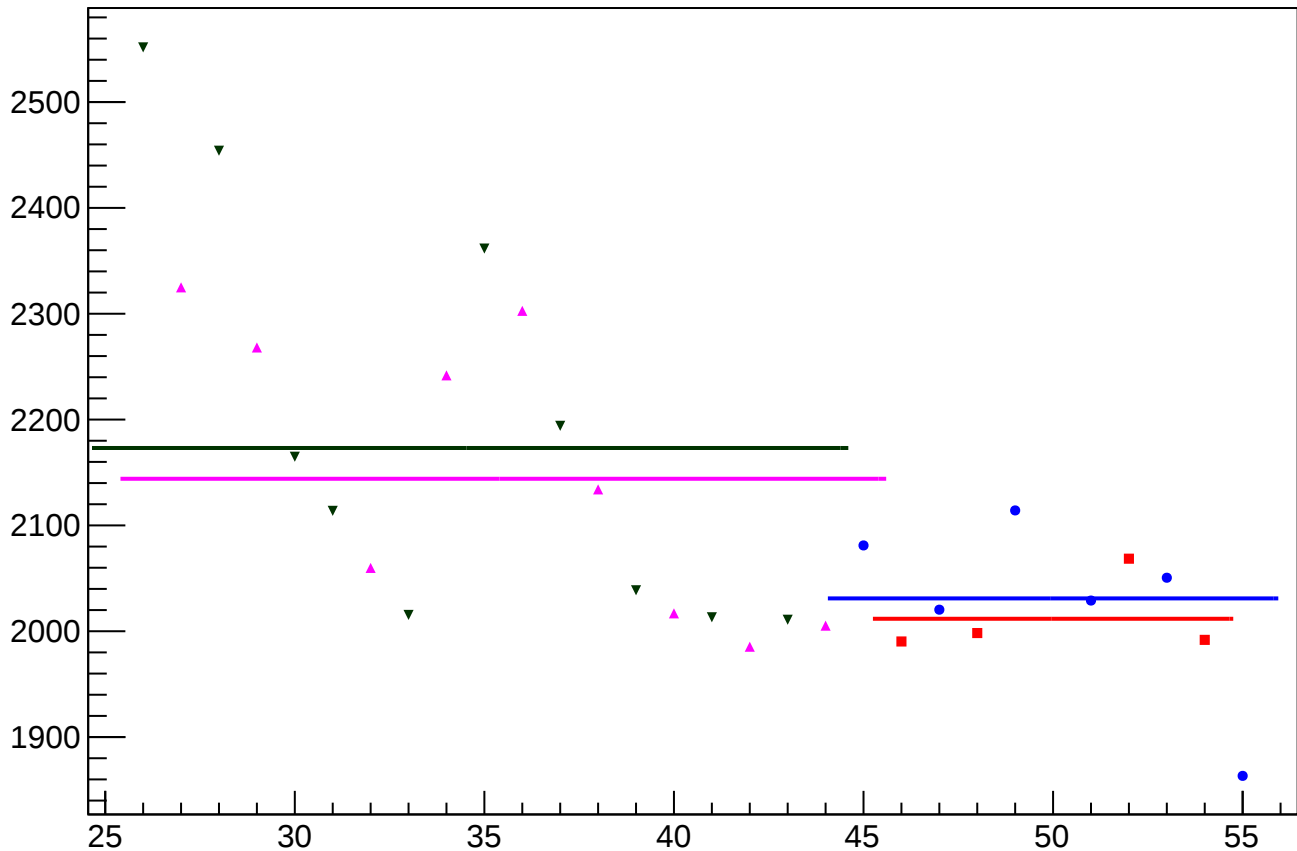
Right Out: -1.099 ± 1.411 χ^2/NDF : 0.7/3

Left In: 0.202 ± 0.904 χ^2/NDF : 6.3/8

-0.362 ± 0.712 χ^2/NDF : 13.1/15

-0.177 ± 0.761 χ^2/NDF : 7.7/12

diff_bpm4acX_rms vs slug



Right In: 2031.025 $\pm$ 0.758 χ^2 /NDF: 12145.4/5

Left Out: 2173.150 $\pm$ 0.673 χ^2 /NDF: 72524.5/9

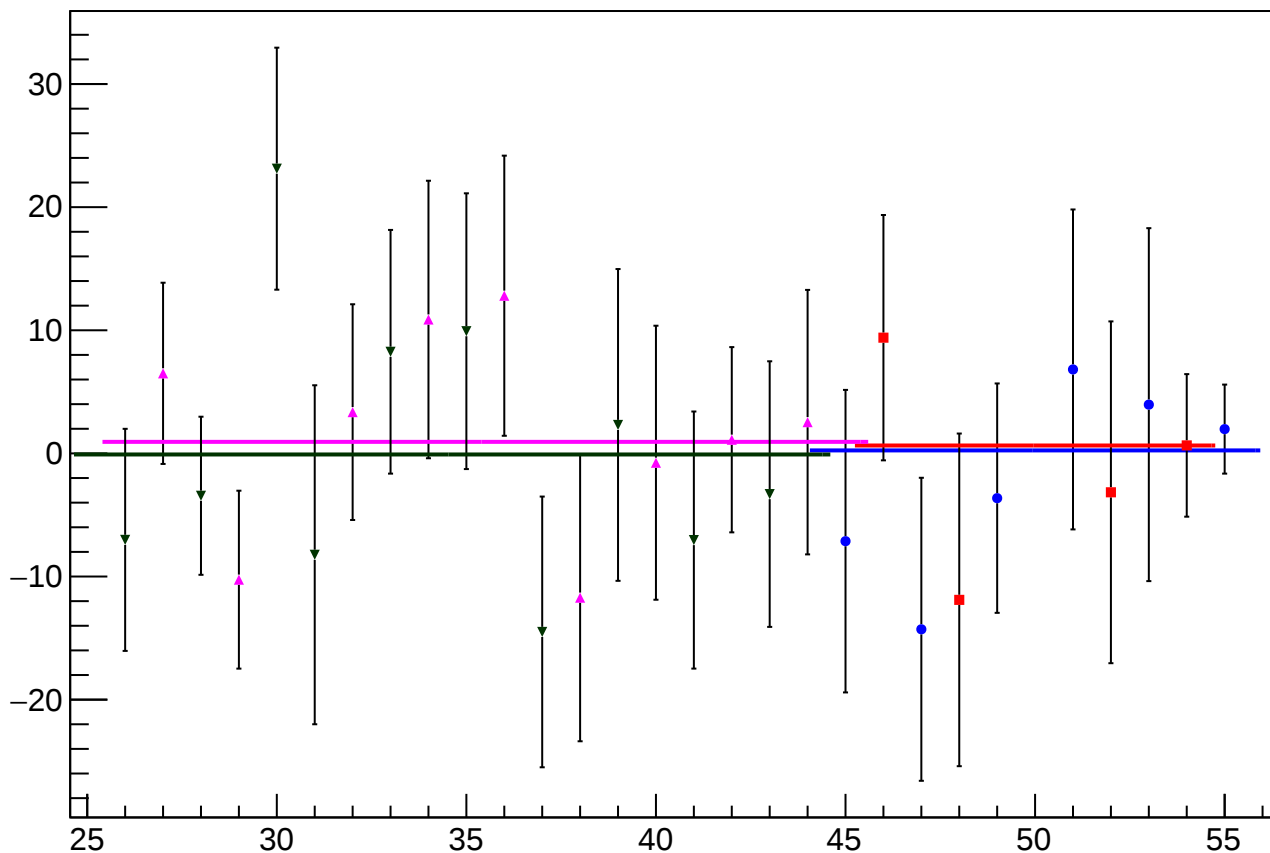
Right Out: 2011.784 $\pm$ 0.998 χ^2 /NDF: 1068.0/3

Left In: 2144.060 $\pm$ 0.640 χ^2 /NDF: 40535.6/8

2110.489 $\pm$ 0.503 χ^2 /NDF: 104320.7/15

2105.539 $\pm$ 0.538 χ^2 /NDF: 54060.0/12

diff_bpm4acY_mean vs slug



Right In: 0.243 ± 2.987 χ^2/NDF : 2.5/5

Left Out: -0.087 ± 3.121 χ^2/NDF : 10.6/9

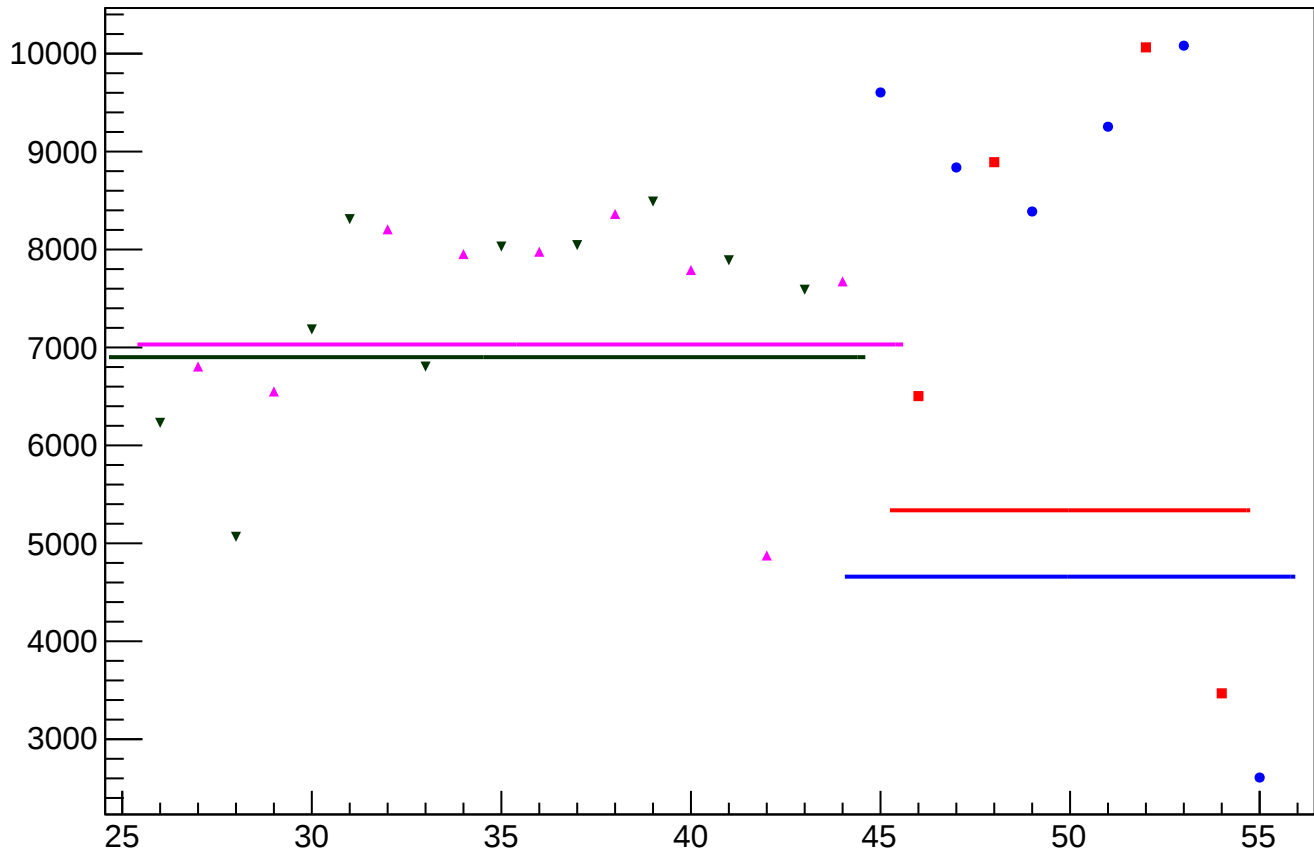
Right Out: 0.642 ± 4.447 χ^2/NDF : 1.7/3

Left In: 0.938 ± 3.043 χ^2/NDF : 6.1/8

0.085 ± 2.158 χ^2/NDF : 13.1/15

0.844 ± 2.511 χ^2/NDF : 7.8/12

diff_bpm4acY_rms vs slug



Right In: 4659.681 ± 2.112 χ^2/NDF : 2054719.0/5

Left Out: 6900.923 ± 2.207 χ^2/NDF : 296676.8/9

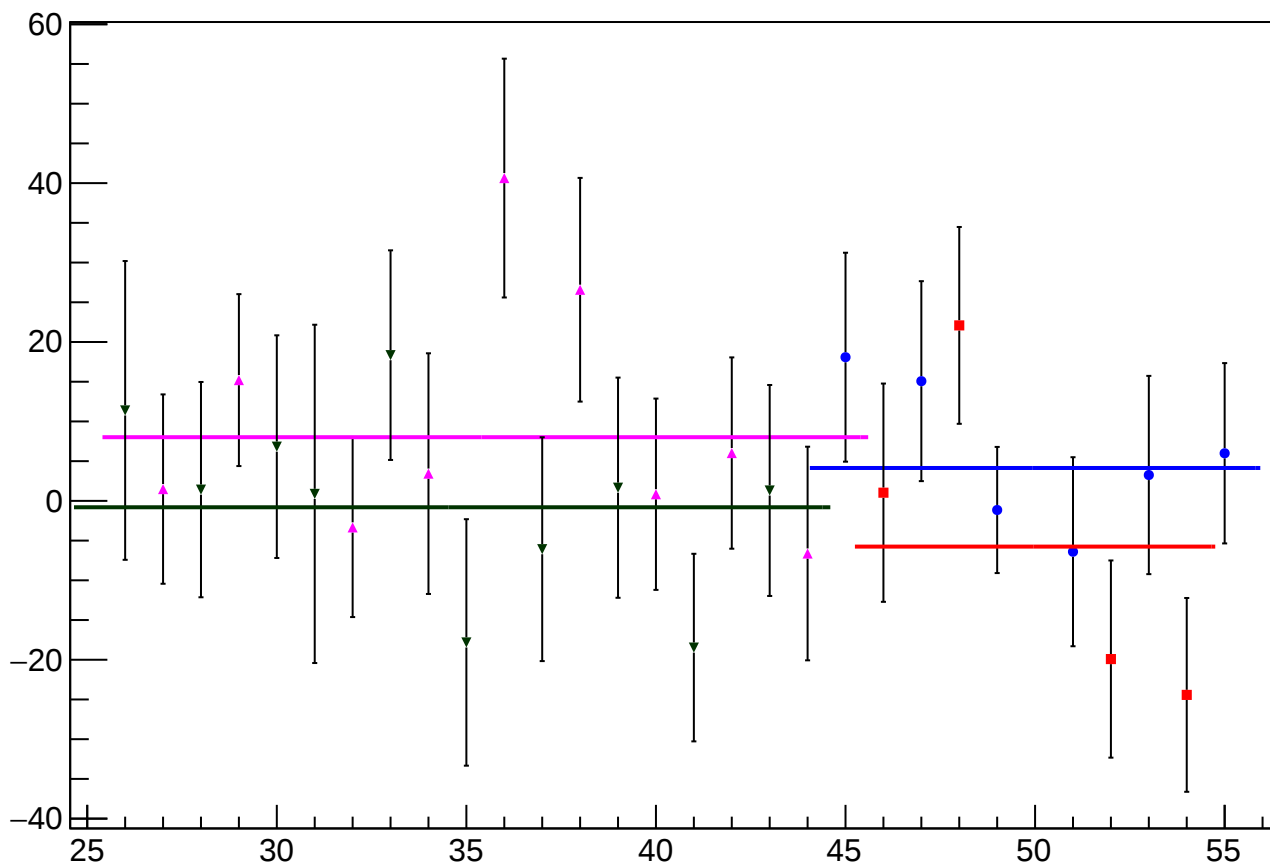
Right Out: 5337.218 ± 3.144 χ^2/NDF : 606159.6/3

Left In: 7030.552 ± 2.152 χ^2/NDF : 280716.1/8

5731.254 ± 1.526 χ^2/NDF : 2889572.8/15

6490.504 ± 1.776 χ^2/NDF : 1084419.8/12

diff_bpm4ecX_mean vs slug



Right In: 4.141 ± 4.508 χ^2/NDF : 3.1/5

Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

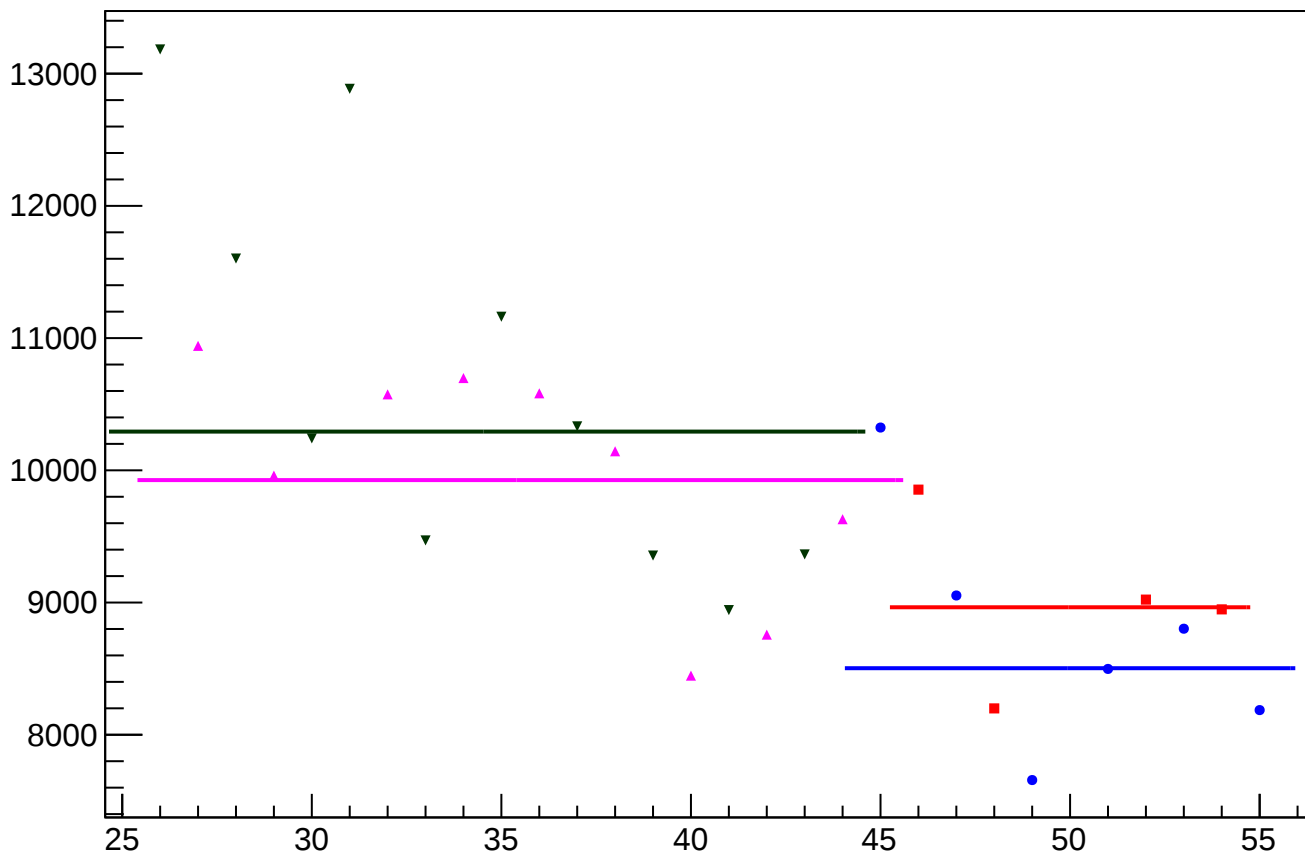
Right Out: -5.756 ± 6.322 χ^2/NDF : 8.9/3

Left In: 8.016 ± 4.204 χ^2/NDF : 9.9/8

1.684 ± 3.198 χ^2/NDF : 10.2/15

3.793 ± 3.501 χ^2/NDF : 22.1/12

diff_bpm4ecX_rms vs slug



Right In: 8503.372+/-3.188 χ^2/NDF : 67532.0/5

Left Out: 10292.914+/-3.209 χ^2/NDF :154725.3/9

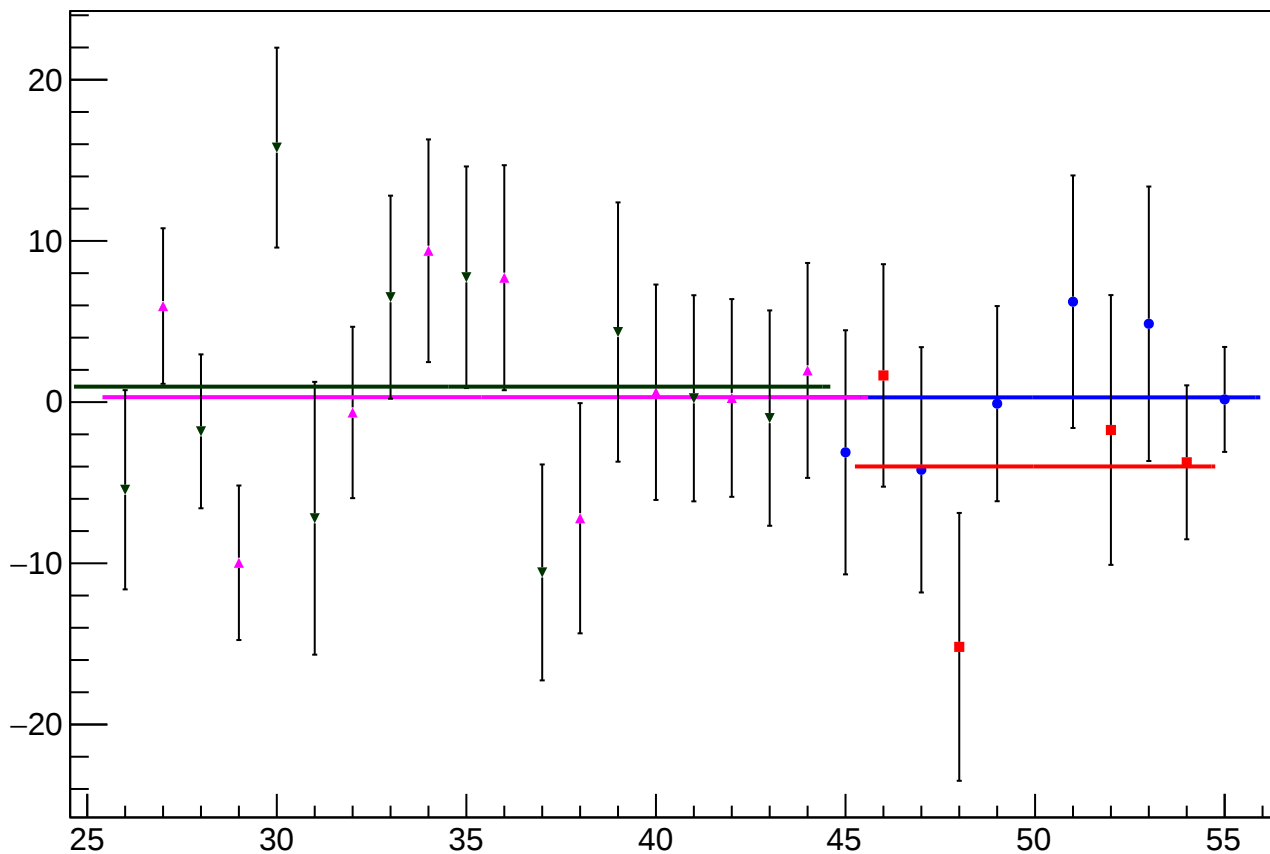
Right Out: 8964.207+/-4.470 χ^2/NDF : 16055.2/3

Left In: 9926.082+/-2.973 χ^2/NDF :80597.6/8

9392.215+/-2.262 χ^2/NDF : 378785.3/15

9631.116+/-2.475 χ^2/NDF : 128757.8/12

diff_bpm4ecY_mean vs slug



Right In: 0.294 ± 2.316 χ^2/NDF : 1.4/5

Left Out: 0.960 ± 2.037 χ^2/NDF : 13.0/9

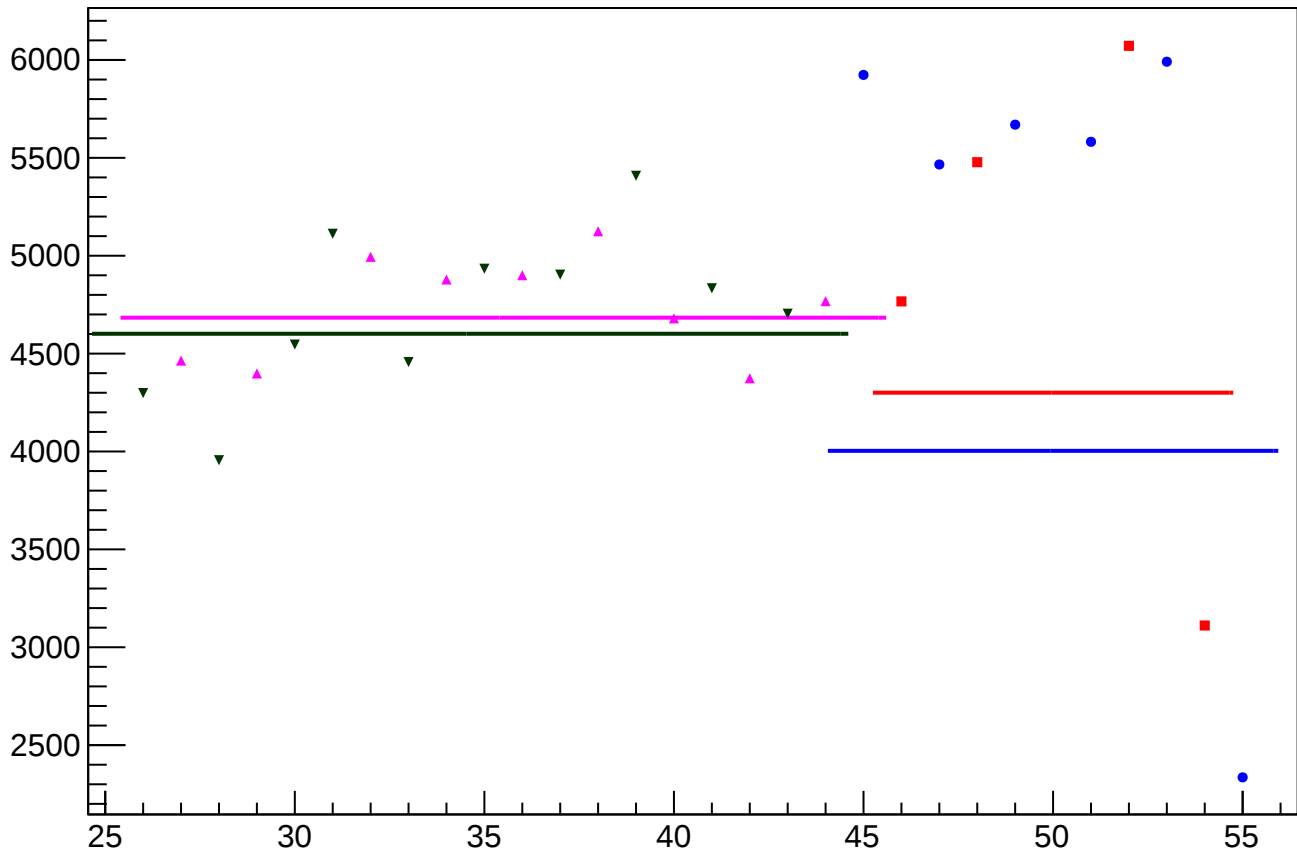
Right Out: -3.991 ± 3.269 χ^2/NDF : 2.6/3

Left In: 0.307 ± 1.982 χ^2/NDF : 10.0/8

0.670 ± 1.530 χ^2/NDF : 14.5/15

-0.849 ± 1.695 χ^2/NDF : 13.8/12

diff_bpm4ecY_rms vs slug



Right In: 4003.315+/-1.638 χ^2/NDF : 1069145.3/5

Left Out: 4601.382+/-1.440 χ^2/NDF :81907.0/9

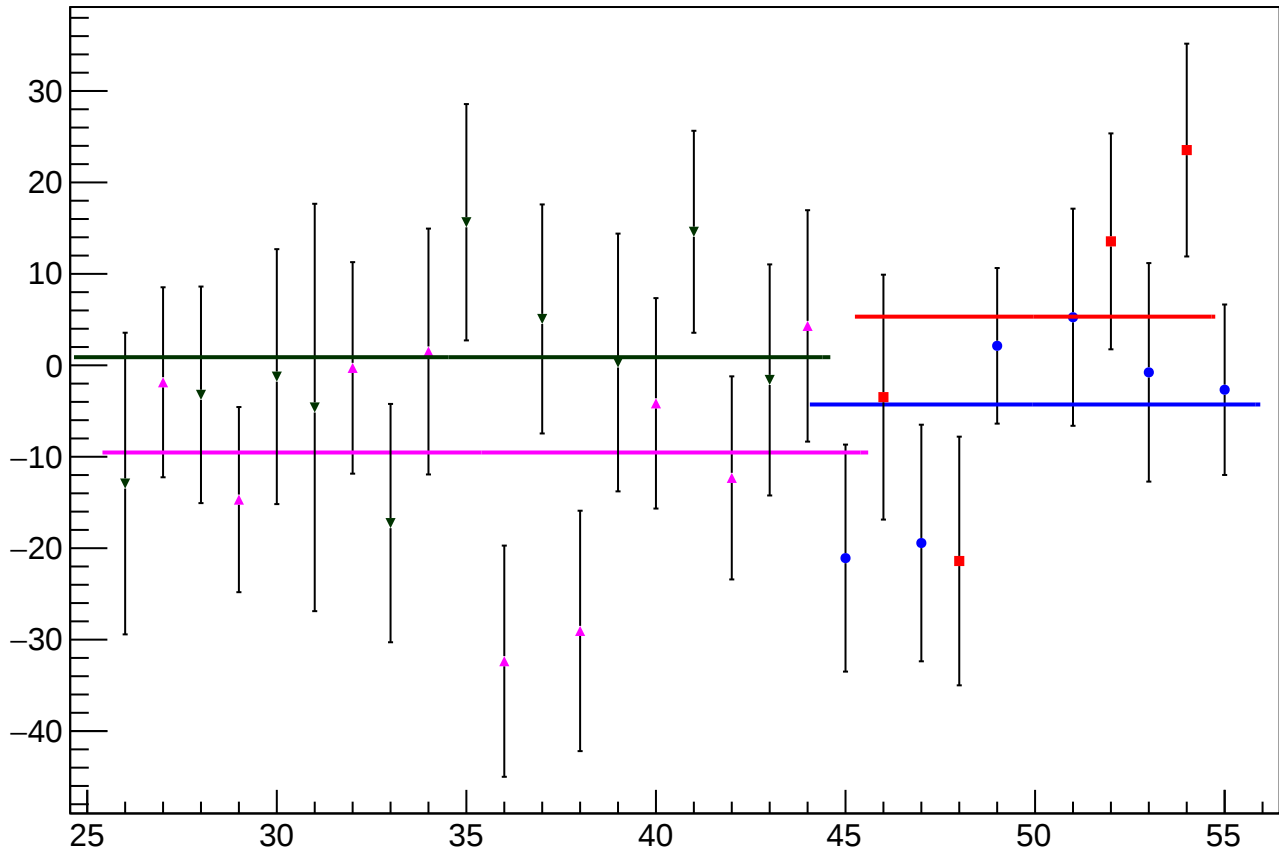
Right Out: 4300.437+/-2.311 χ^2/NDF : 262952.2/3

Left In: 4683.549+/-1.402 χ^2/NDF :34623.2/8

4340.542+/-1.082 χ^2/NDF : 1226251.8/15

4580.515+/-1.199 χ^2/NDF : 317662.7/12

diff_bpm1X_mean vs slug



Right In: -4.284+/-4.390 χ^2/NDF : 4.5/5

Left Out: 0.888+/-4.236 χ^2/NDF : 5.8/9

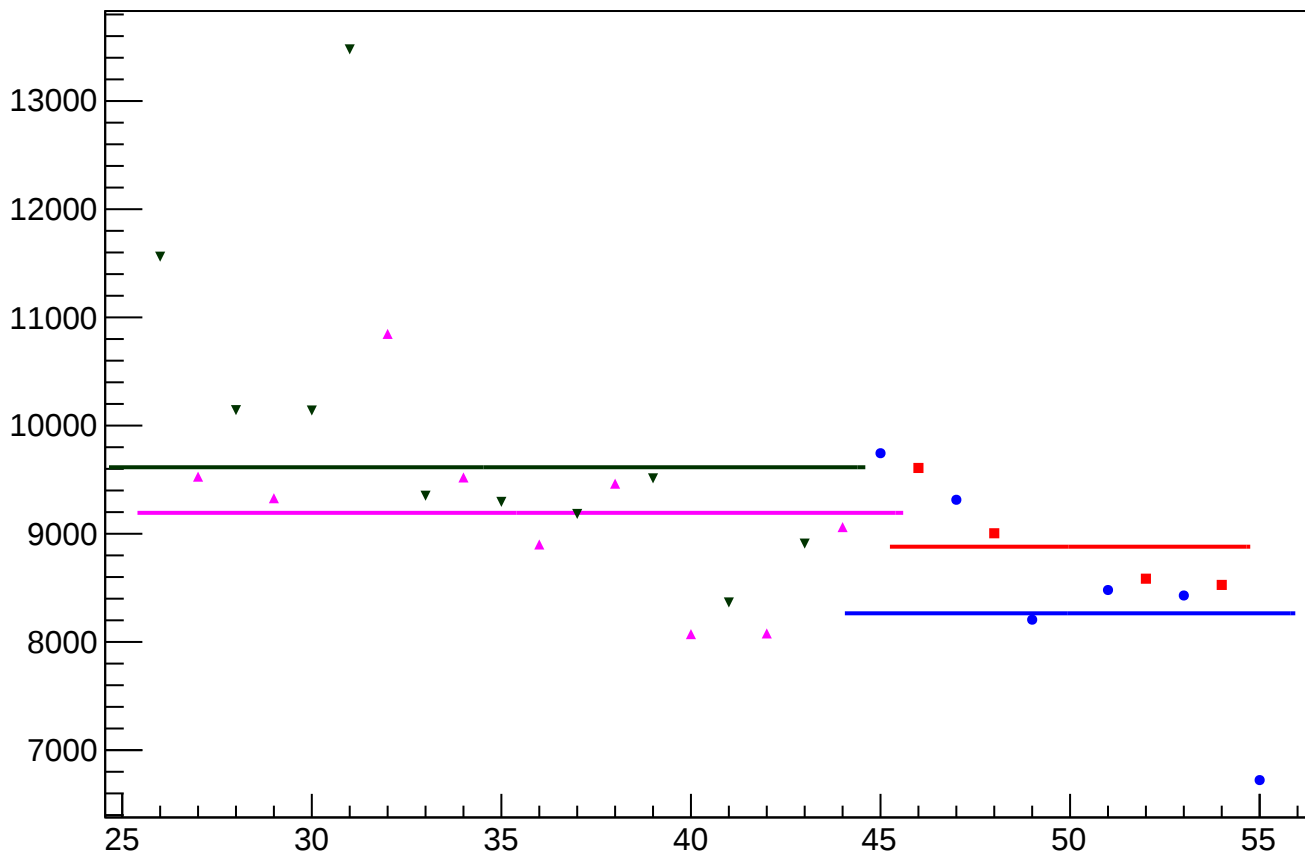
Right Out: 5.322+/-6.257 χ^2/NDF : 7.2/3

Left In: -9.535+/-3.893 χ^2/NDF : 9.1/8

-1.606+/-3.048 χ^2/NDF : 11.1/15

-5.388+/-3.305 χ^2/NDF : 20.4/12

diff_bpm1X_rms vs slug



Right In: 8264.732+/-3.104 χ^2/NDF : 97420.9/5

Left Out: 9614.809+/-2.996 χ^2/NDF :131171.7/9

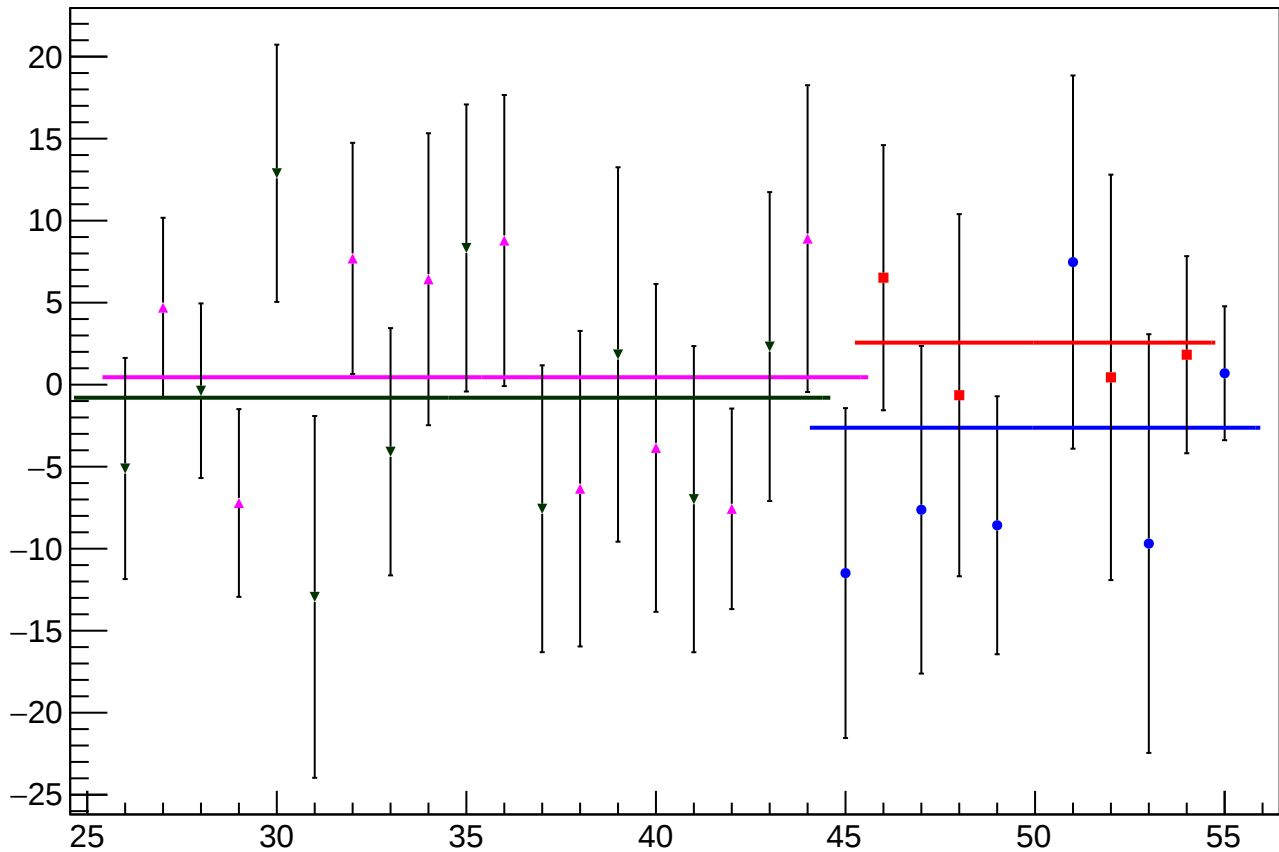
Right Out: 8880.455+/-4.424 χ^2/NDF : 9173.6/3

Left In: 9193.398+/-2.753 χ^2/NDF :85779.5/8

8963.815+/-2.156 χ^2/NDF : 326534.3/15

9106.051+/-2.337 χ^2/NDF : 98560.2/12

diff_bpm1Y_mean vs slug



Right In: -2.625 ± 3.016 $\chi^2/\text{NDF}: 3.4/5$

Left Out: -0.796 ± 2.532 $\chi^2/\text{NDF}: 7.2/9$

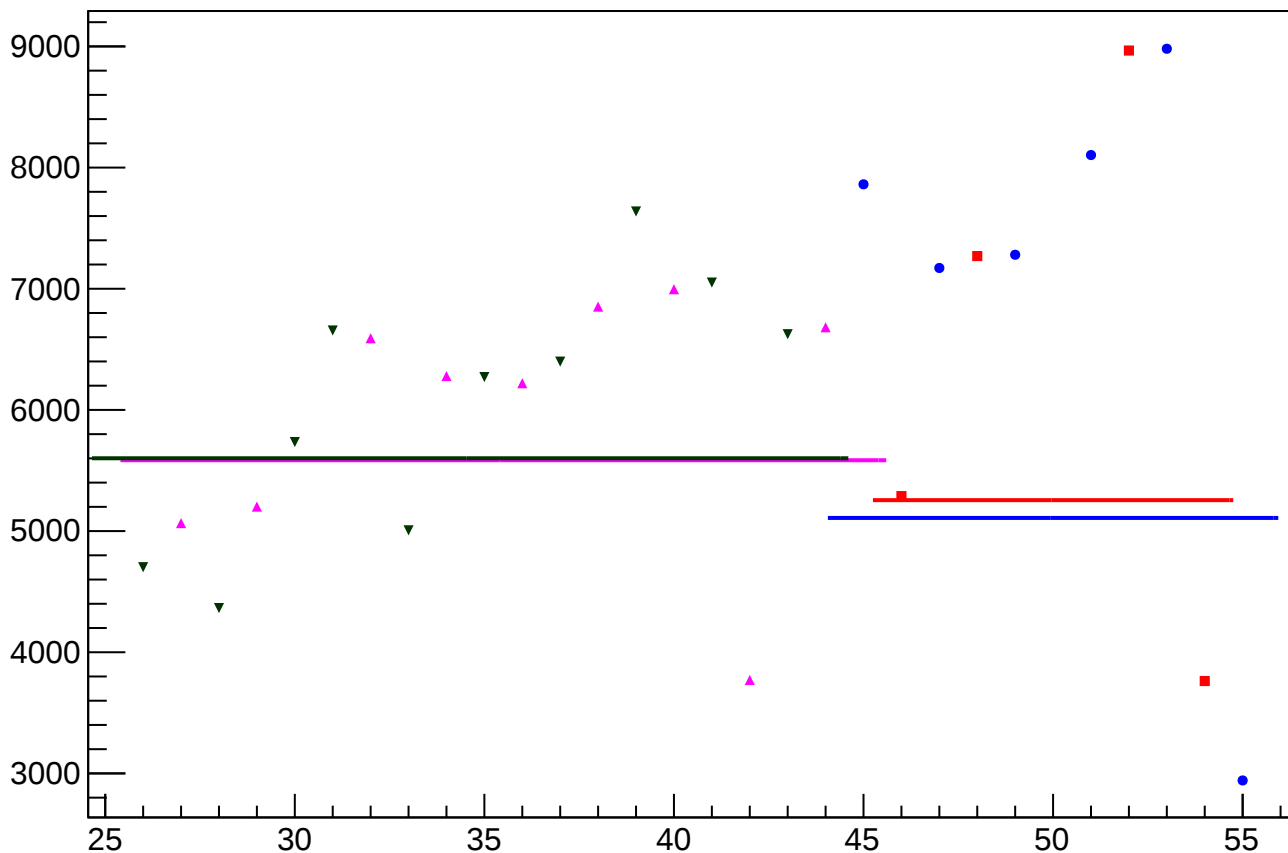
Right Out: 2.564 ± 4.161 $\chi^2/\text{NDF}: 0.4/3$

Left In: 0.453 ± 2.437 $\chi^2/\text{NDF}: 8.0/8$

-1.552 ± 1.939 $\chi^2/\text{NDF}: 10.7/15$

0.992 ± 2.103 $\chi^2/\text{NDF}: 8.6/12$

diff_bpm1Y_rms vs slug



Right In: 5108.552+/-2.133 χ^2/NDF : 1273556.6/5

Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

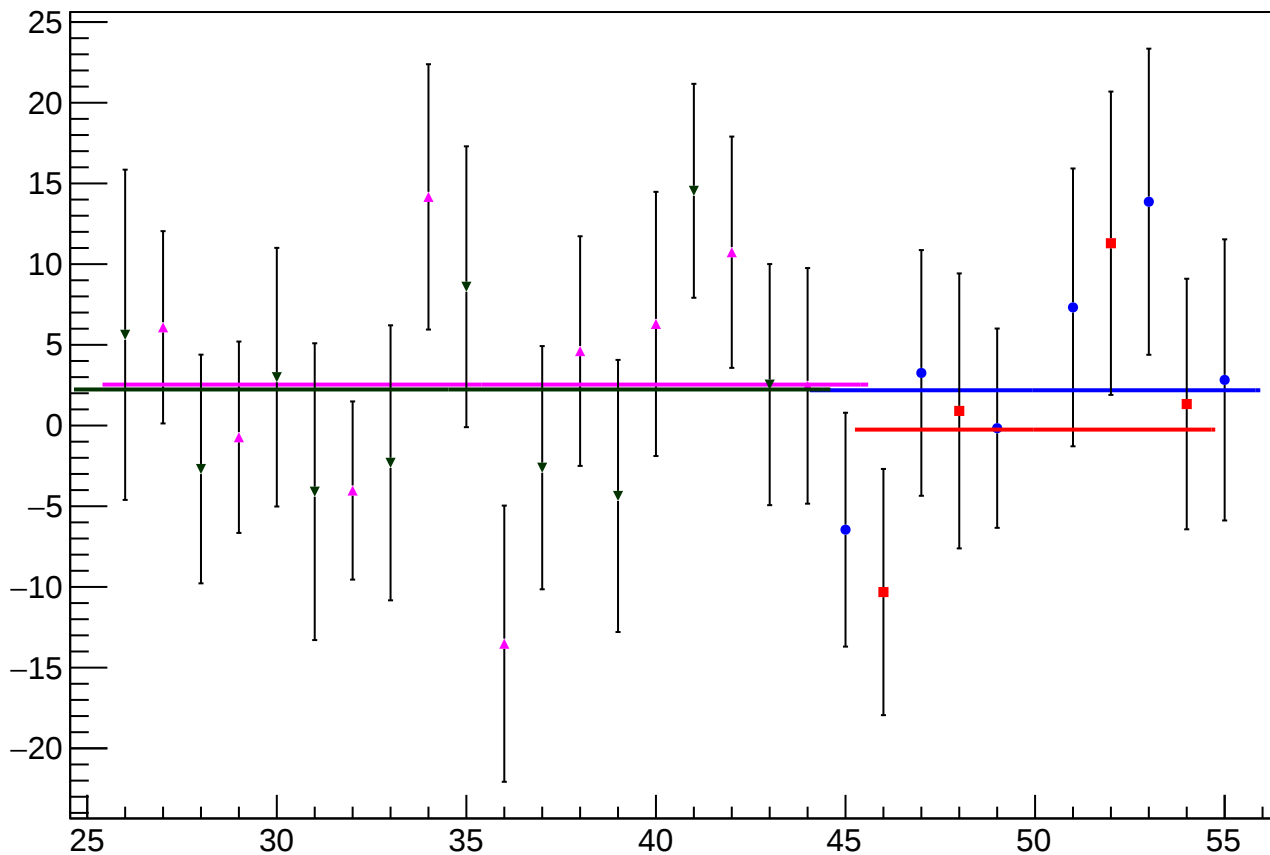
Right Out: 5255.194+/-2.943 χ^2/NDF : 370325.2/3

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

5397.329+/-1.371 χ^2/NDF : 1643540.5/15

5500.524+/-1.487 χ^2/NDF : 747956.0/12

diff_bpm11X_mean vs slug



Right In: 2.186 ± 3.157 χ^2/NDF : 3.5/5

Left Out: 2.235 ± 2.530 χ^2/NDF : 6.4/9

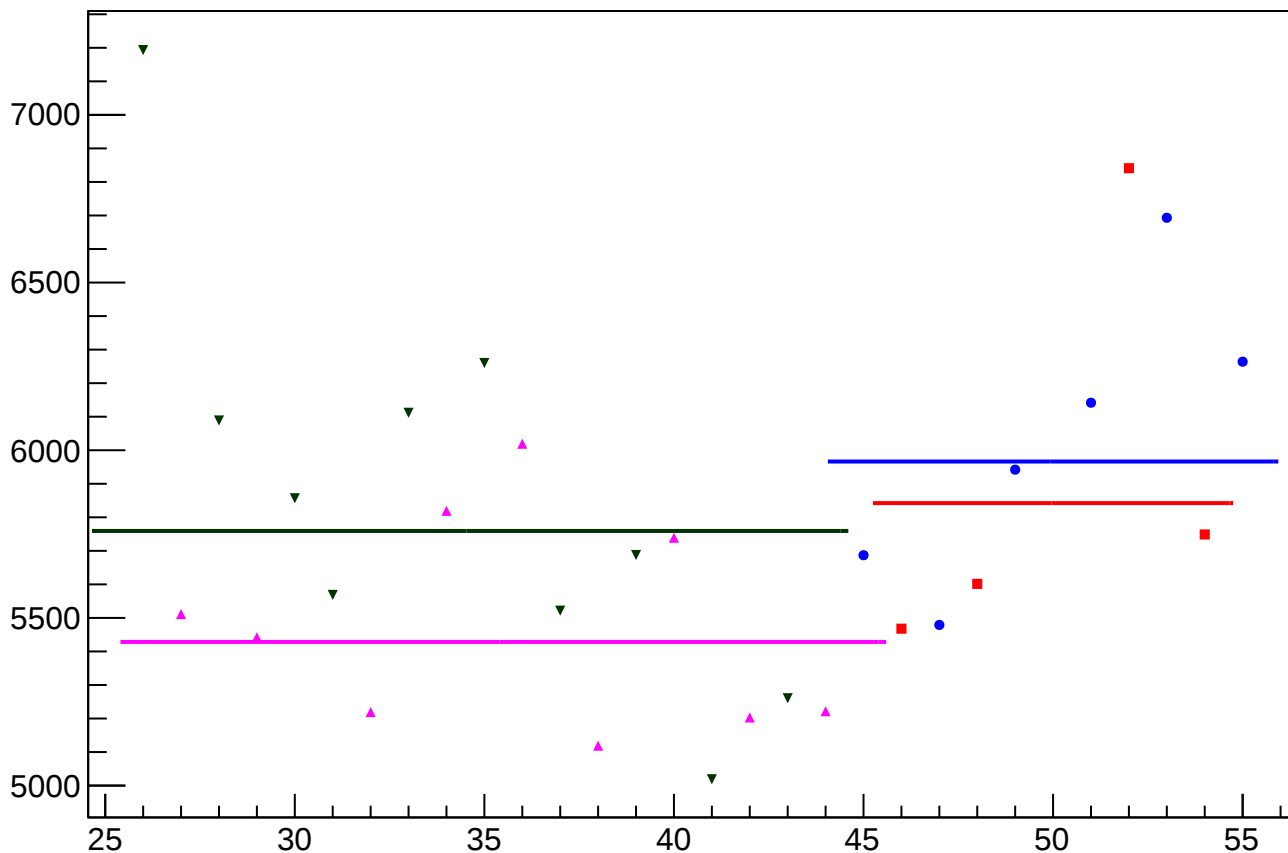
Right Out: -0.252 ± 4.121 χ^2/NDF : 3.3/3

Left In: 2.537 ± 2.289 χ^2/NDF : 9.2/8

2.216 ± 1.974 χ^2/NDF : 9.8/15

1.879 ± 2.001 χ^2/NDF : 12.9/12

diff_bpm11X_rms vs slug



Right In: 5966.387 ± 2.232 χ^2/NDF : 26116.6/5

Left Out: 5759.309 ± 1.789 χ^2/NDF : 90824.6/9

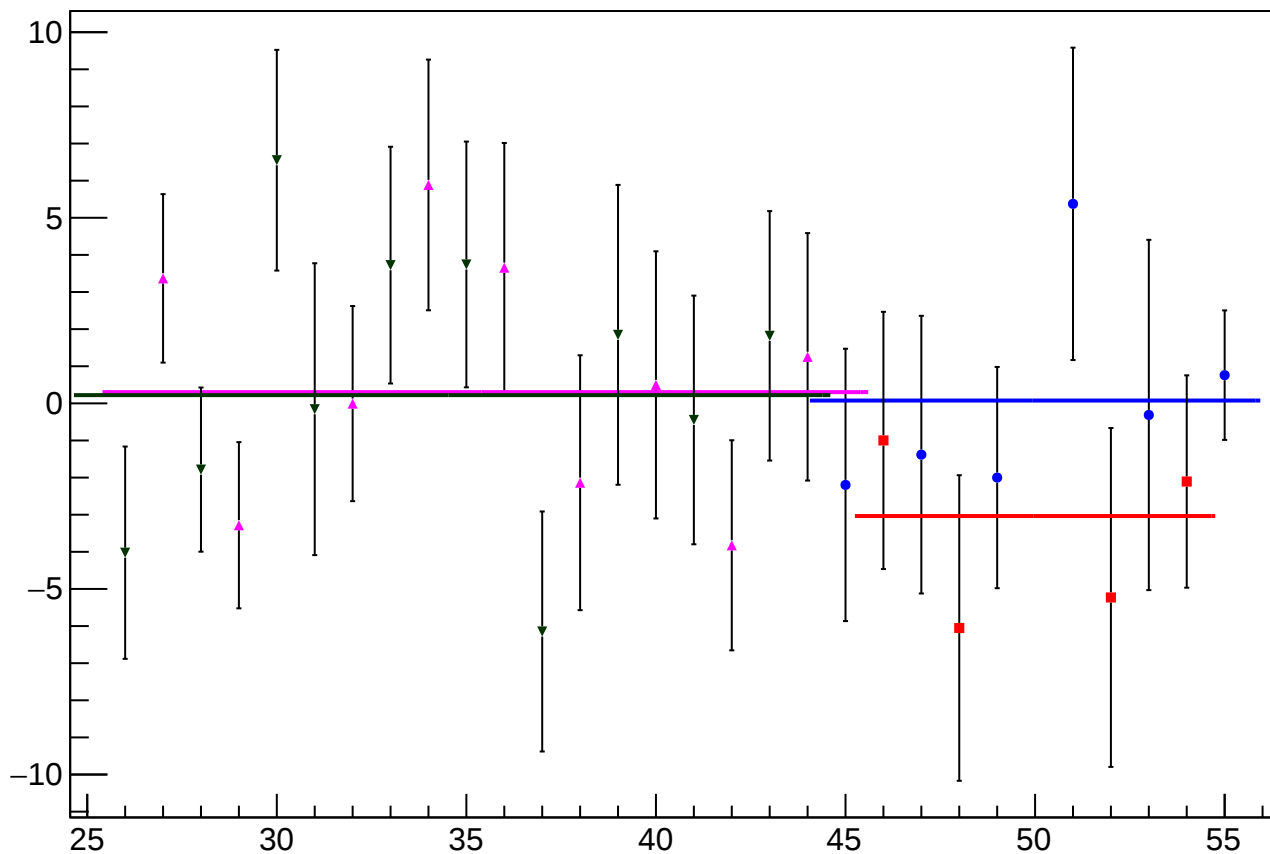
Right Out: 5842.382 ± 2.914 χ^2/NDF : 29299.1/3

Left In: 5428.343 ± 1.619 χ^2/NDF : 27583.1/8

5840.291 ± 1.396 χ^2/NDF : 122181.5/15

5525.977 ± 1.415 χ^2/NDF : 72311.5/12

diff_bpm11Y_mean vs slug



Right In: 0.076 ± 1.205 χ^2/NDF : 2.8/5

Left Out: 0.222 ± 0.986 χ^2/NDF : 14.2/9

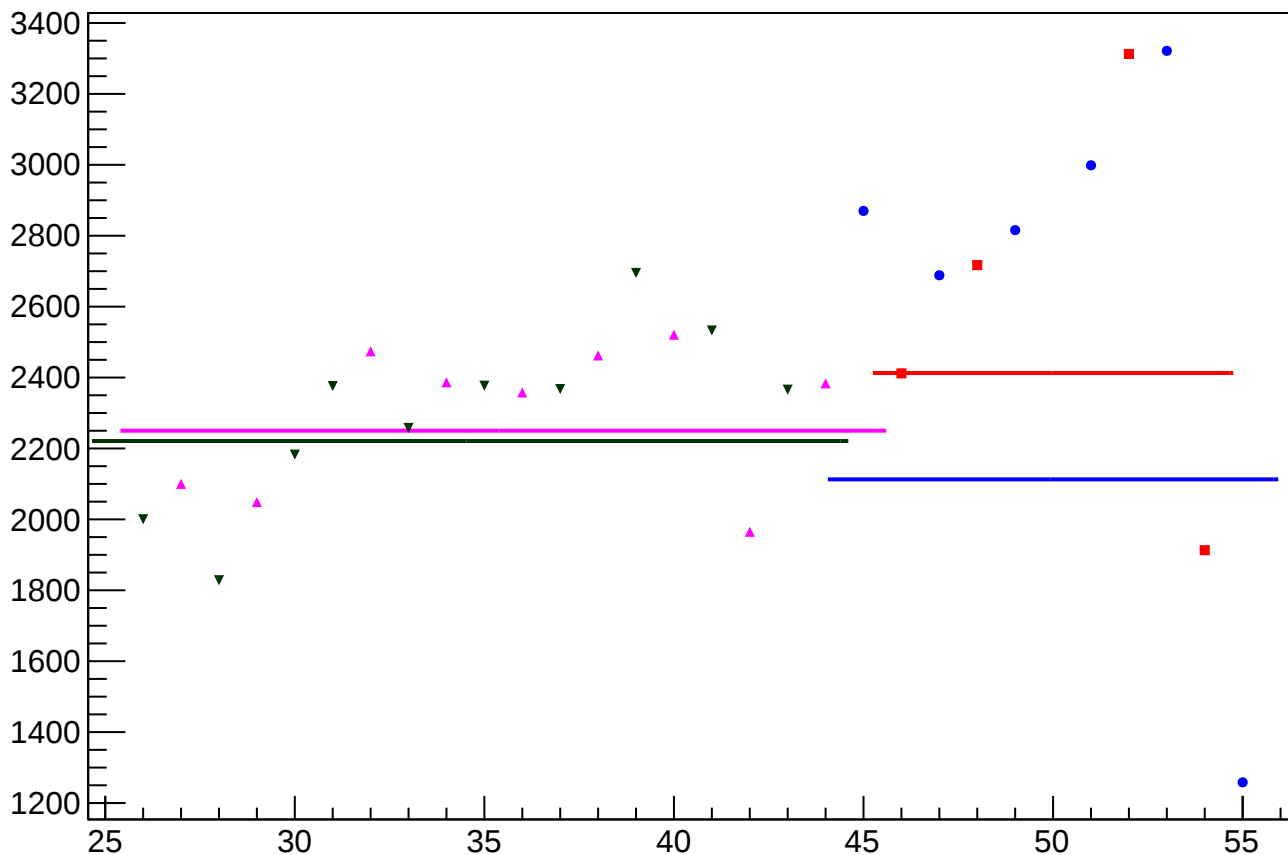
Right Out: -3.036 ± 1.789 χ^2/NDF : 1.2/3

Left In: 0.303 ± 0.957 χ^2/NDF : 10.8/8

0.163 ± 0.763 χ^2/NDF : 17.0/15

-0.440 ± 0.844 χ^2/NDF : 14.8/12

diff_bpm11Y_rms vs slug



Right In: 2112.830+/-0.852 χ^2/NDF : 943573.2/5

Left Out: 2220.975+/-0.697 χ^2/NDF :135802.0/9

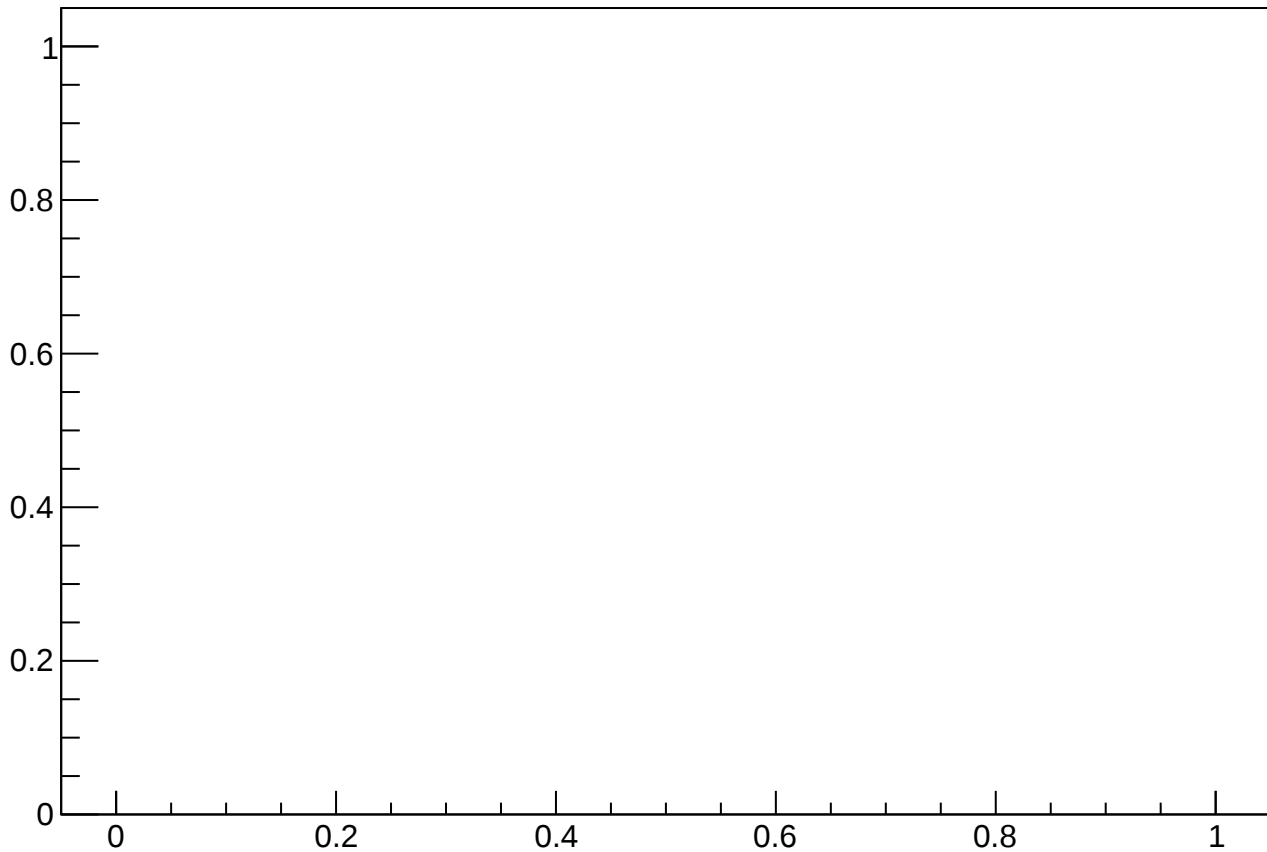
Right Out: 2412.805+/-1.265 χ^2/NDF : 149676.3/3

Left In: 2250.180+/-0.677 χ^2/NDF :87194.0/8

2177.620+/-0.540 χ^2/NDF : 1089021.0/15

2286.372+/-0.597 χ^2/NDF : 249718.8/12

diff_bpm14X_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

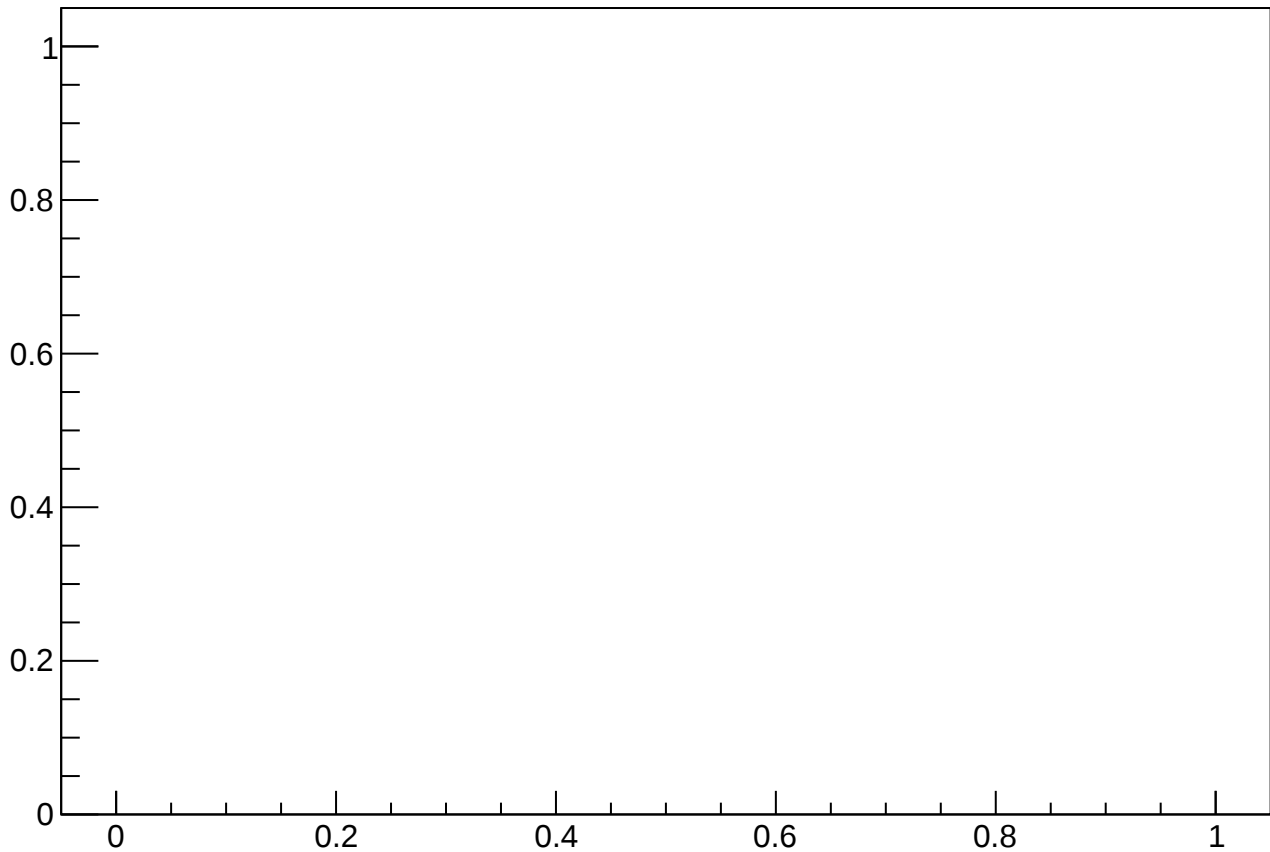
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14X_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

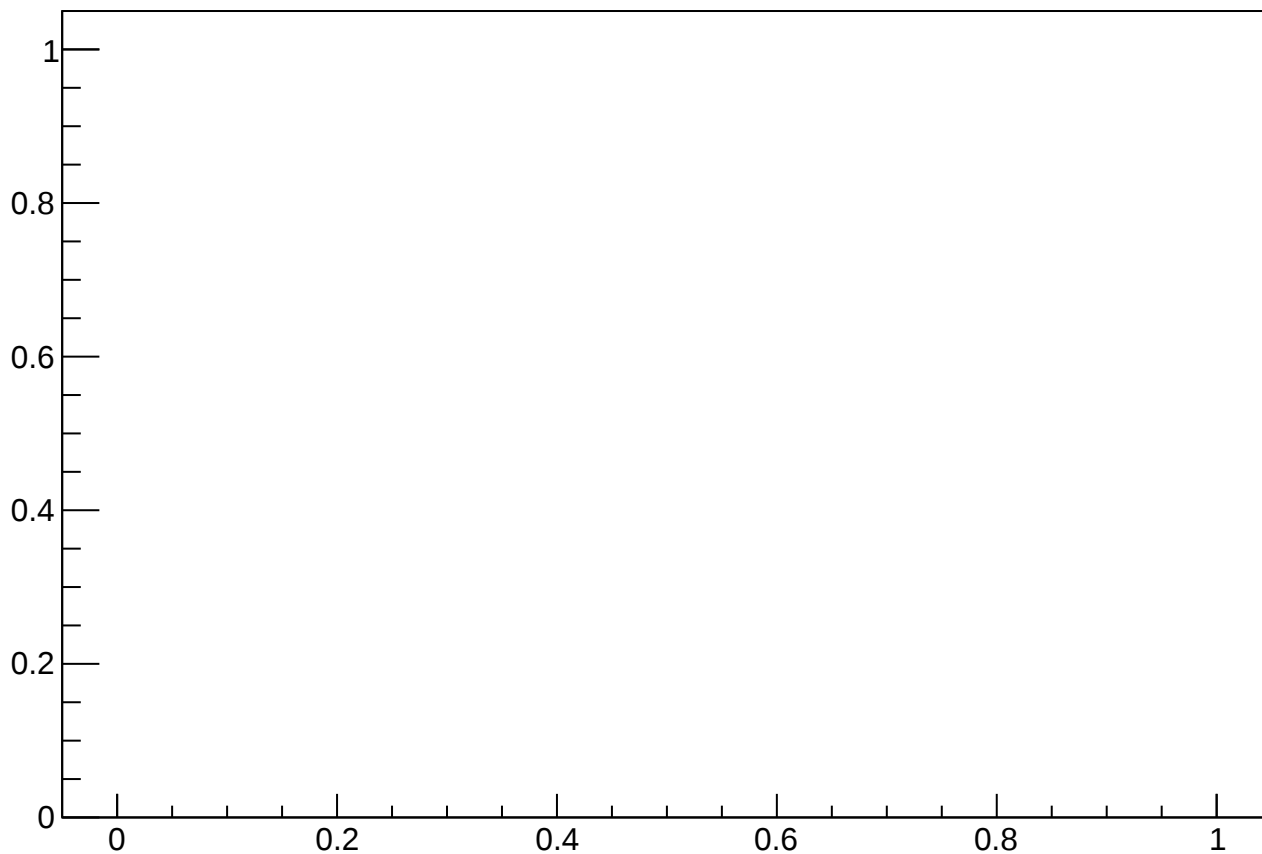
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

diff_bpm14Y_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

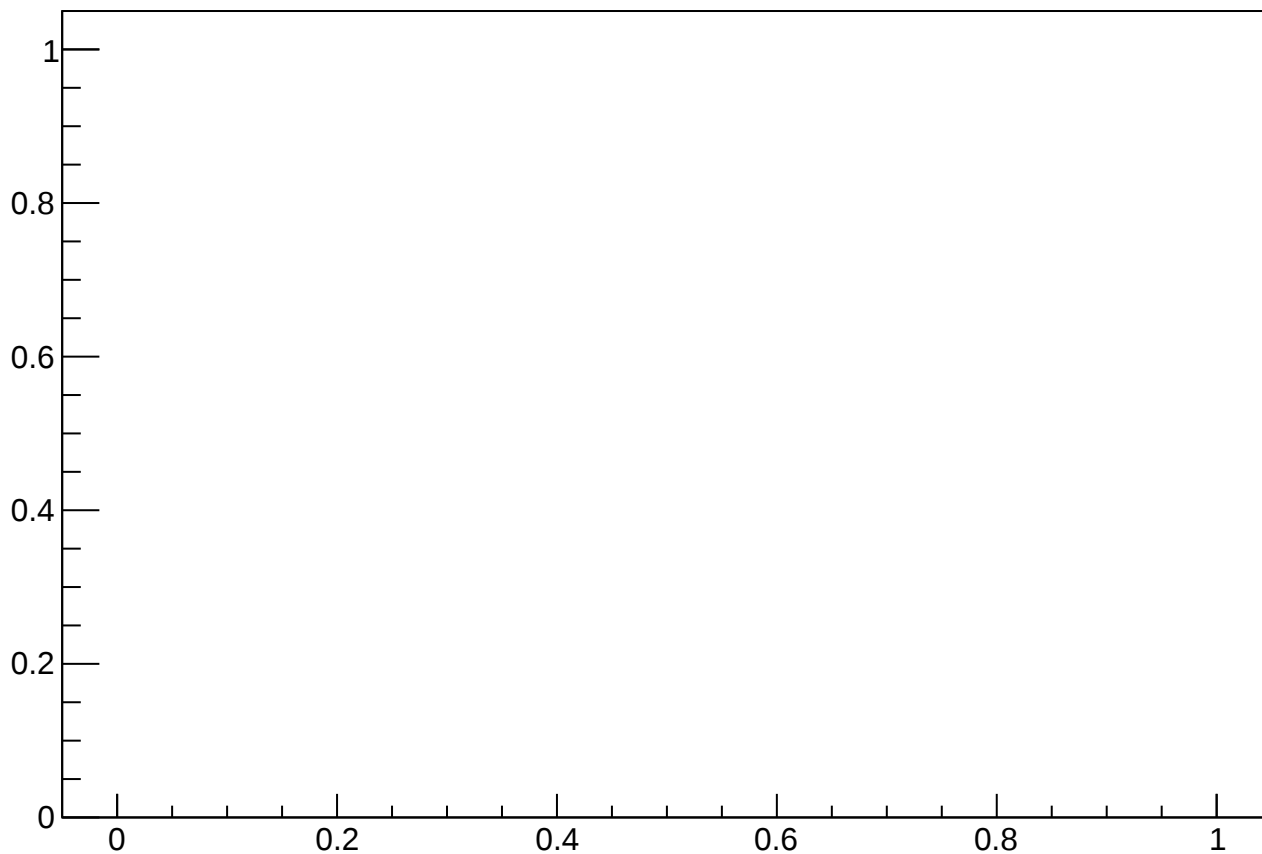
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm14Y_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

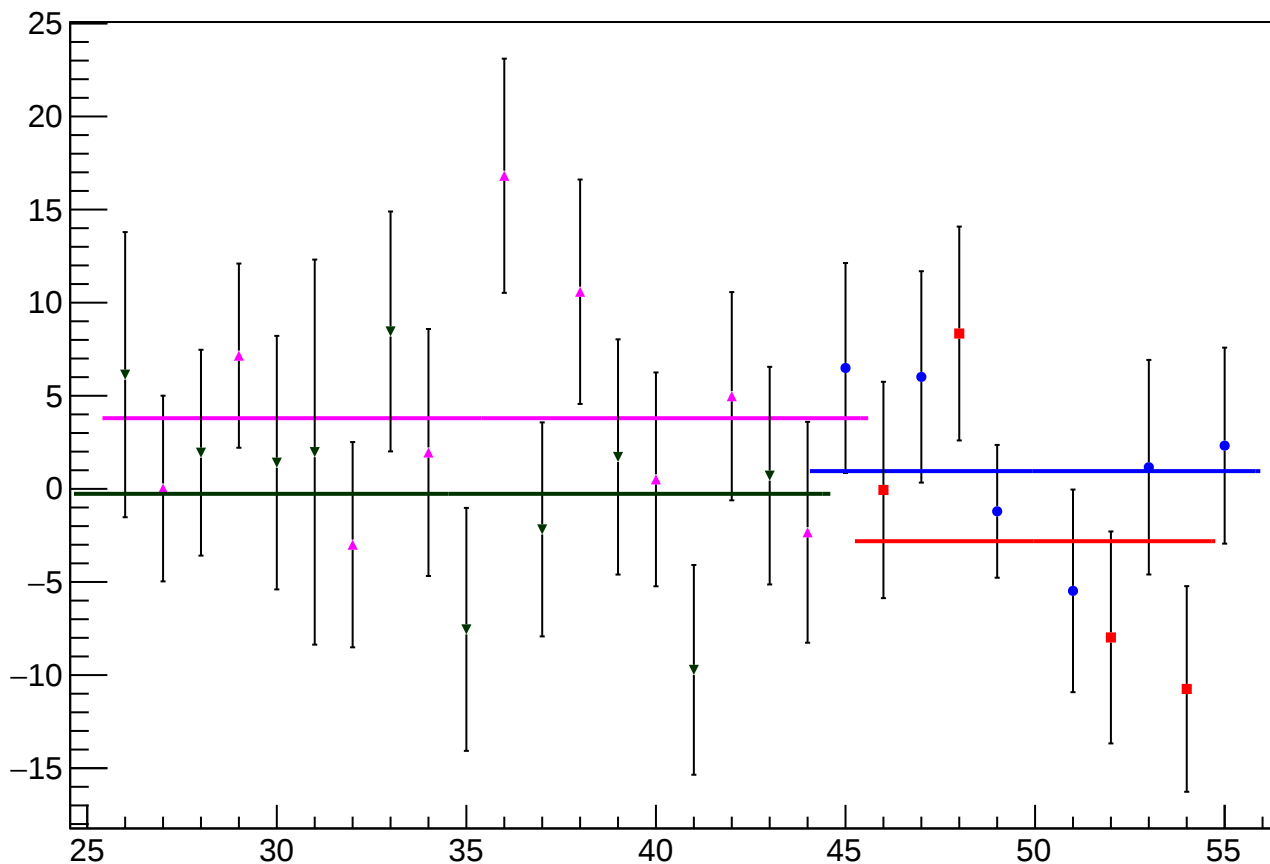
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 0.954 ± 2.036 χ^2/NDF : 3.6/5

Left Out: -0.266 ± 2.022 χ^2/NDF : 7.1/9

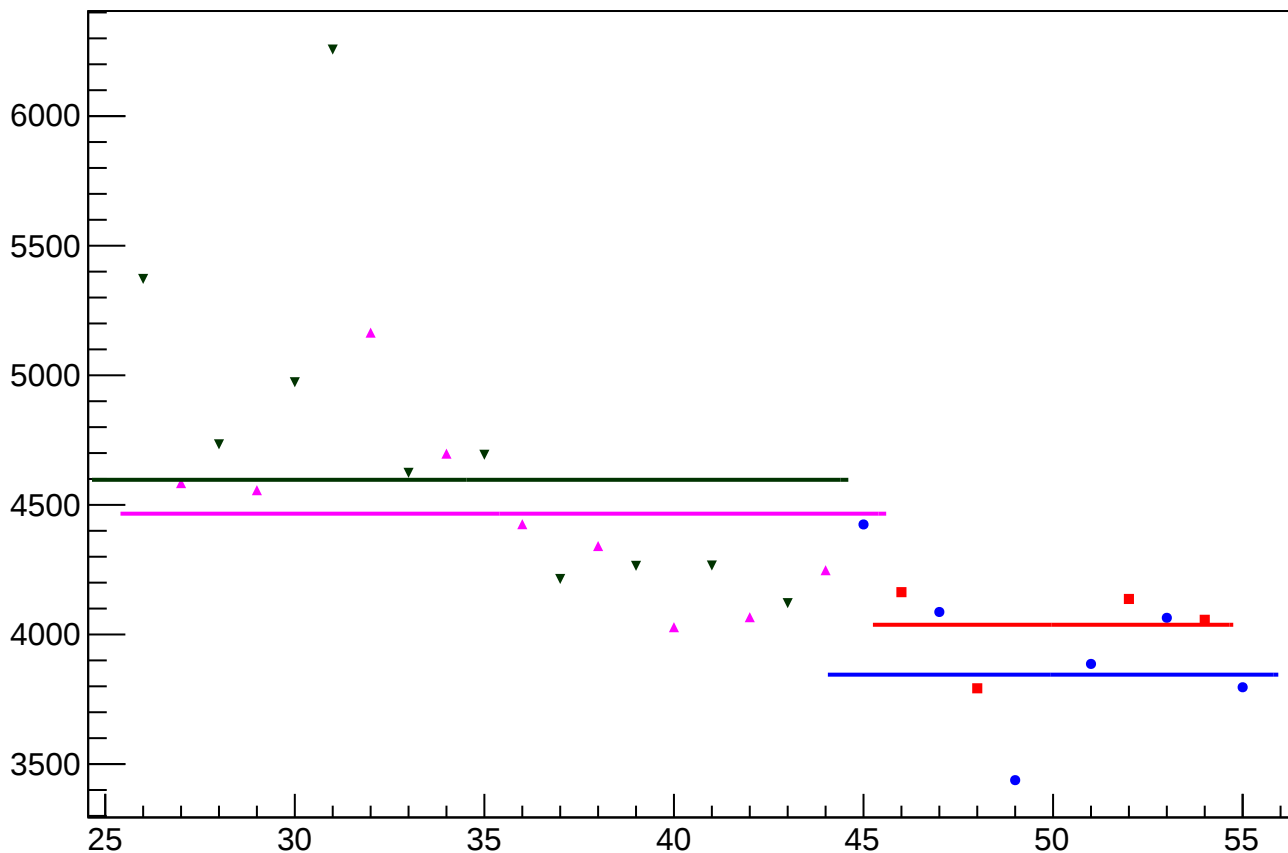
Right Out: -2.810 ± 2.844 χ^2/NDF : 6.9/3

Left In: 3.796 ± 1.889 χ^2/NDF : 9.6/8

0.340 ± 1.435 χ^2/NDF : 10.9/15

1.774 ± 1.573 χ^2/NDF : 20.3/12

diff_bpm16X_rms vs slug



Right In: 3844.973+/-1.440 χ^2/NDF : 54001.4/5

Left Out: 4596.789+/-1.430 χ^2/NDF :114406.0/9

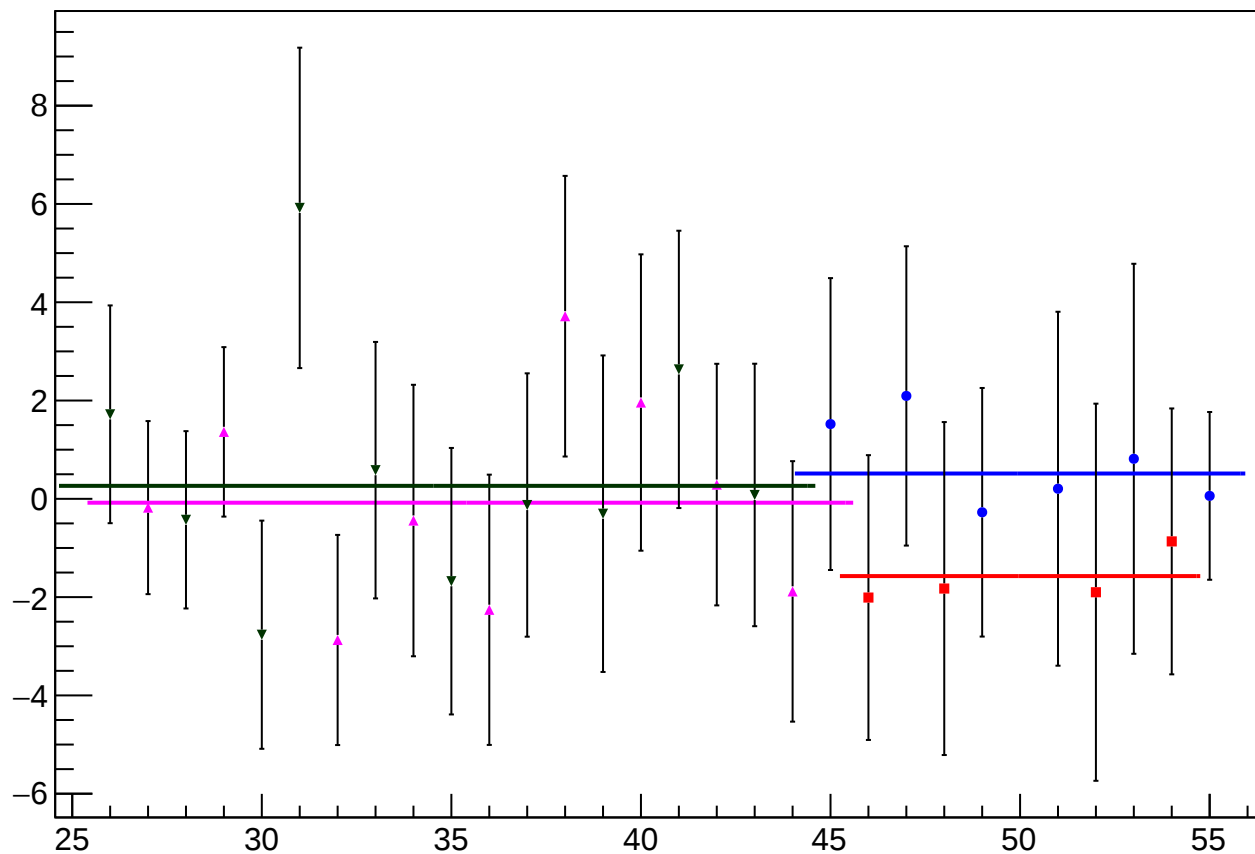
Right Out: 4037.480+/-2.011 χ^2/NDF : 5217.8/3

Left In: 4466.082+/-1.336 χ^2/NDF :61839.9/8

4223.472+/-1.015 χ^2/NDF : 305635.9/15

4334.917+/-1.113 χ^2/NDF : 98575.3/12

diff_bpm16Y_mean vs slug



Right In: 0.515 ± 1.077 χ^2/NDF : 0.6/5

Left Out: 0.264 ± 0.797 χ^2/NDF : 6.6/9

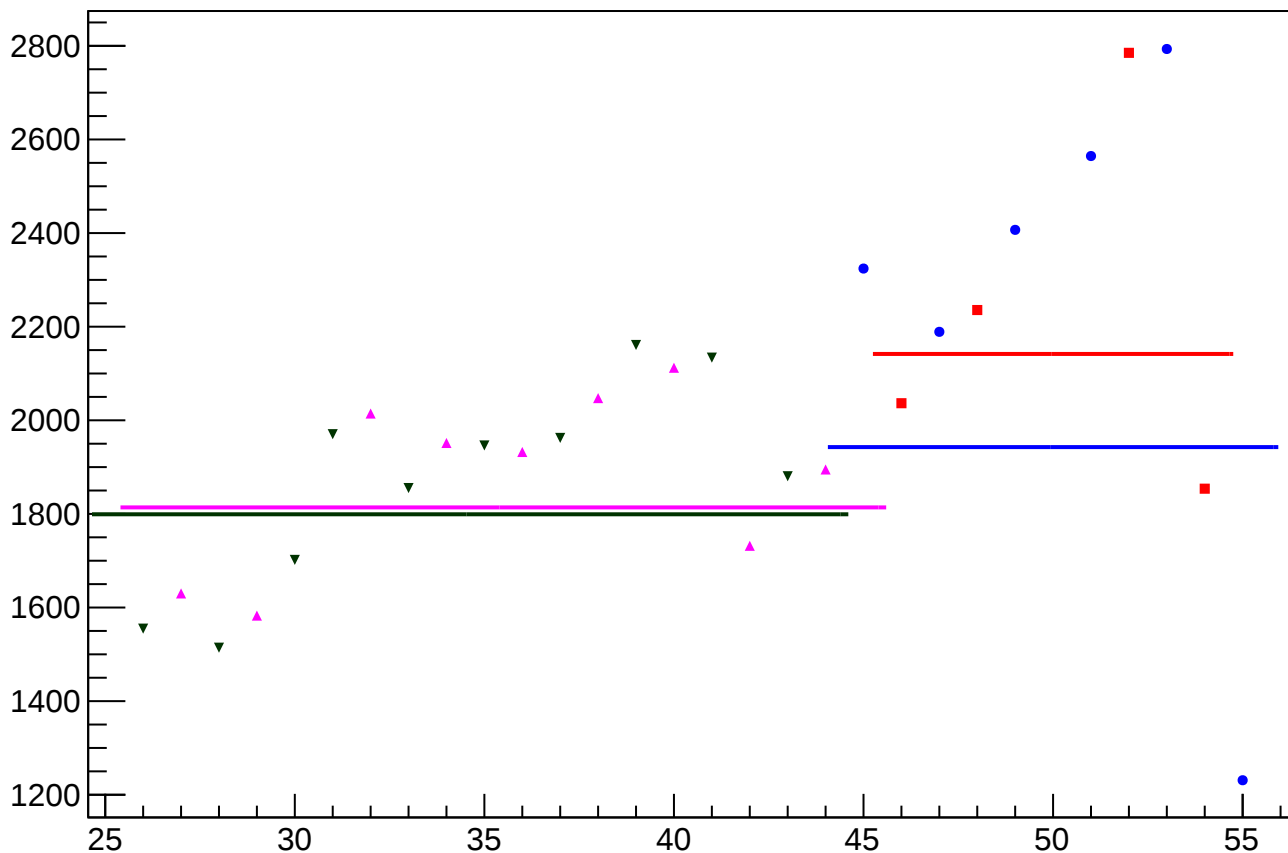
Right Out: -1.572 ± 1.560 χ^2/NDF : 0.1/3

Left In: -0.079 ± 0.771 χ^2/NDF : 5.8/8

0.353 ± 0.641 χ^2/NDF : 7.2/15

-0.372 ± 0.691 χ^2/NDF : 6.6/12

diff_bpm16Y_rms vs slug



Right In: 1942.762 $\pm$ 0.762 χ^2 /NDF: 612772.1/5

Left Out: 1799.198 $\pm$ 0.563 χ^2 /NDF: 152718.9/9

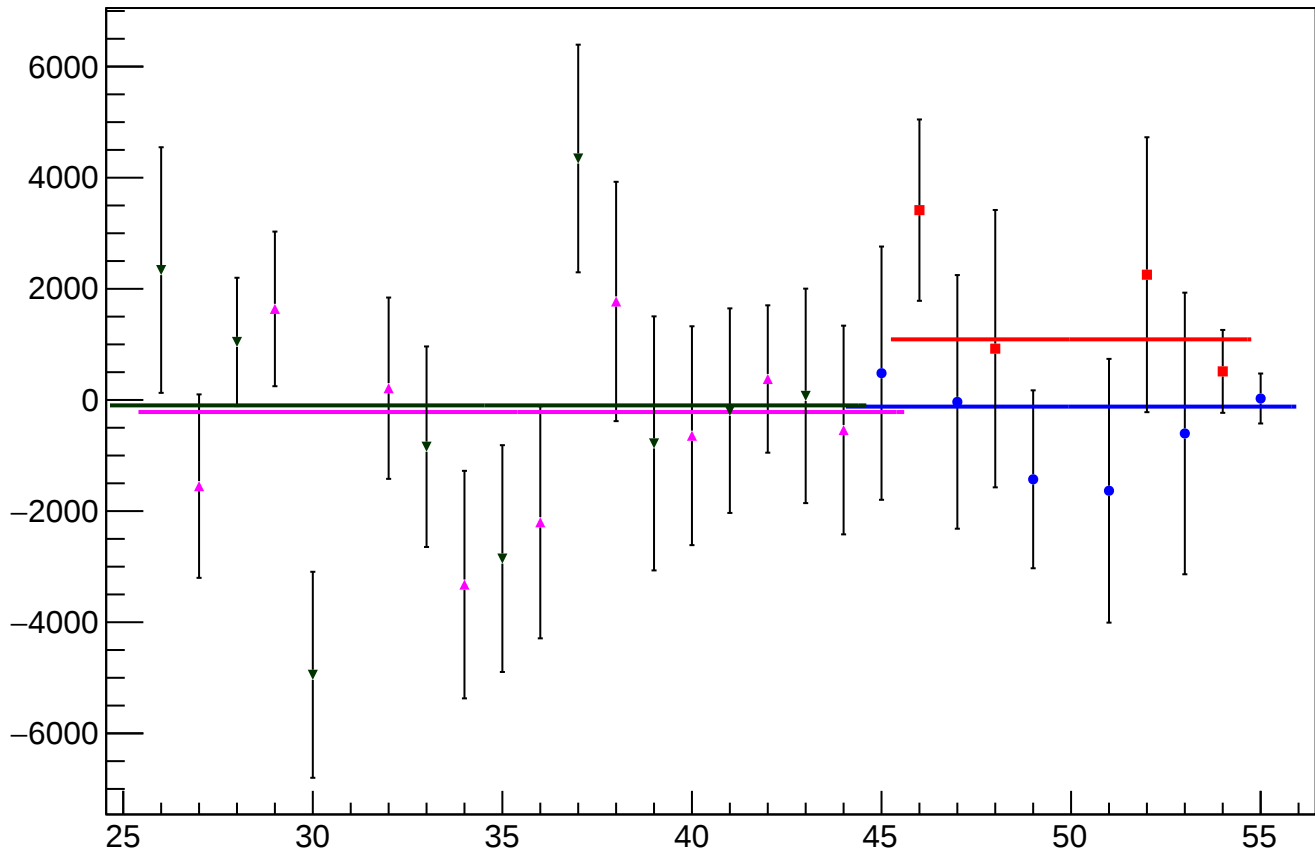
Right Out: 2141.769 $\pm$ 1.103 χ^2 /NDF: 83044.8/3

Left In: 1813.912 $\pm$ 0.545 χ^2 /NDF: 121077.4/8

1849.958 $\pm$ 0.453 χ^2 /NDF: 788446.4/15

1878.285 $\pm$ 0.489 χ^2 /NDF: 275100.7/12

asym_sam1_mean vs slug



Right In: -119.639 ± 406.382 $\chi^2/\text{NDF}: 1.3/5$

Left Out: -97.646 ± 599.085 $\chi^2/\text{NDF}: 15.8/8$

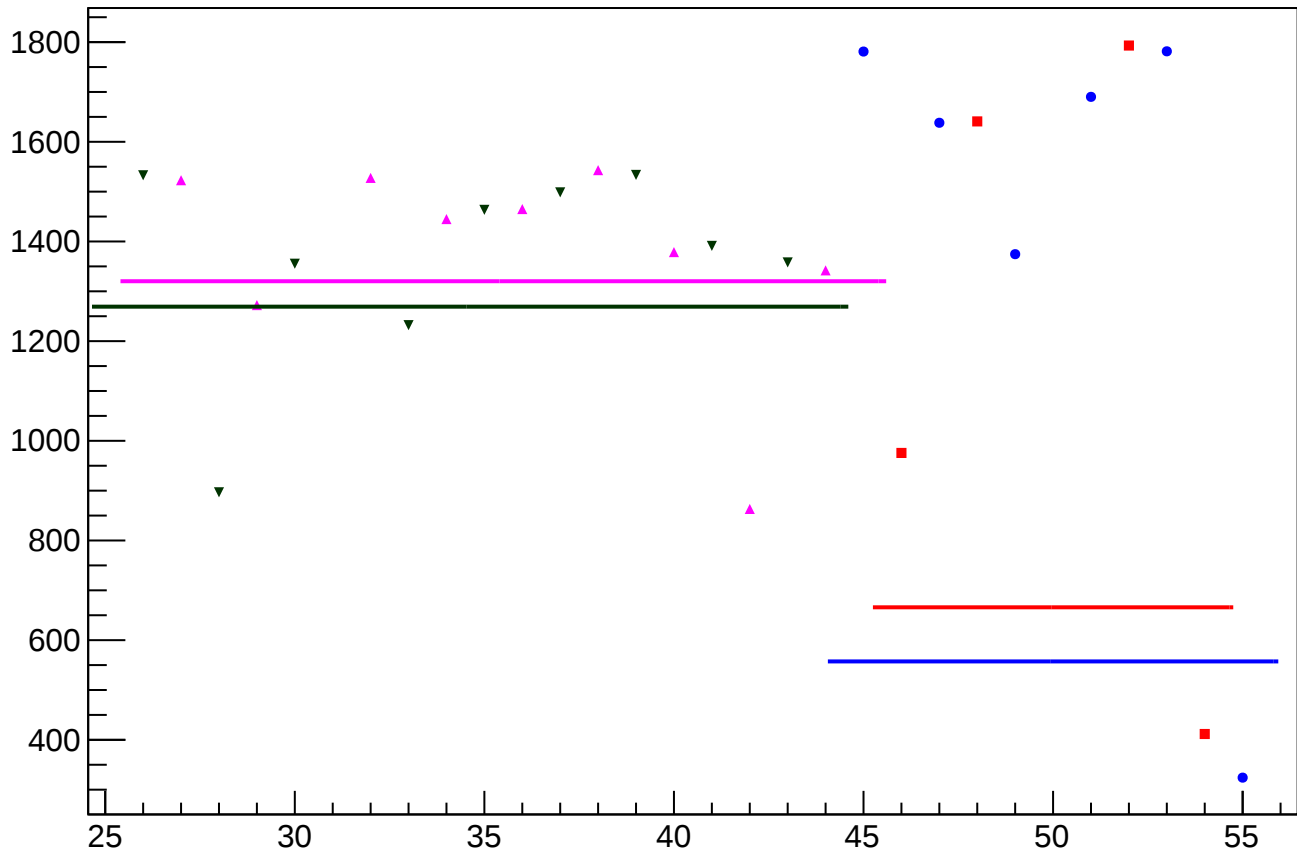
Right Out: 1090.776 ± 632.800 $\chi^2/\text{NDF}: 2.9/3$

Left In: -216.993 ± 572.356 $\chi^2/\text{NDF}: 6.8/8$

-112.708 ± 336.308 $\chi^2/\text{NDF}: 17.1/14$

371.466 ± 424.482 $\chi^2/\text{NDF}: 12.0/12$

asym_sam1_rms vs slug



Right In: 557.347+/-0.287 χ^2/NDF : 3006952.6/5

Left Out: 1269.198+/-0.424 χ^2/NDF :324708.5/8

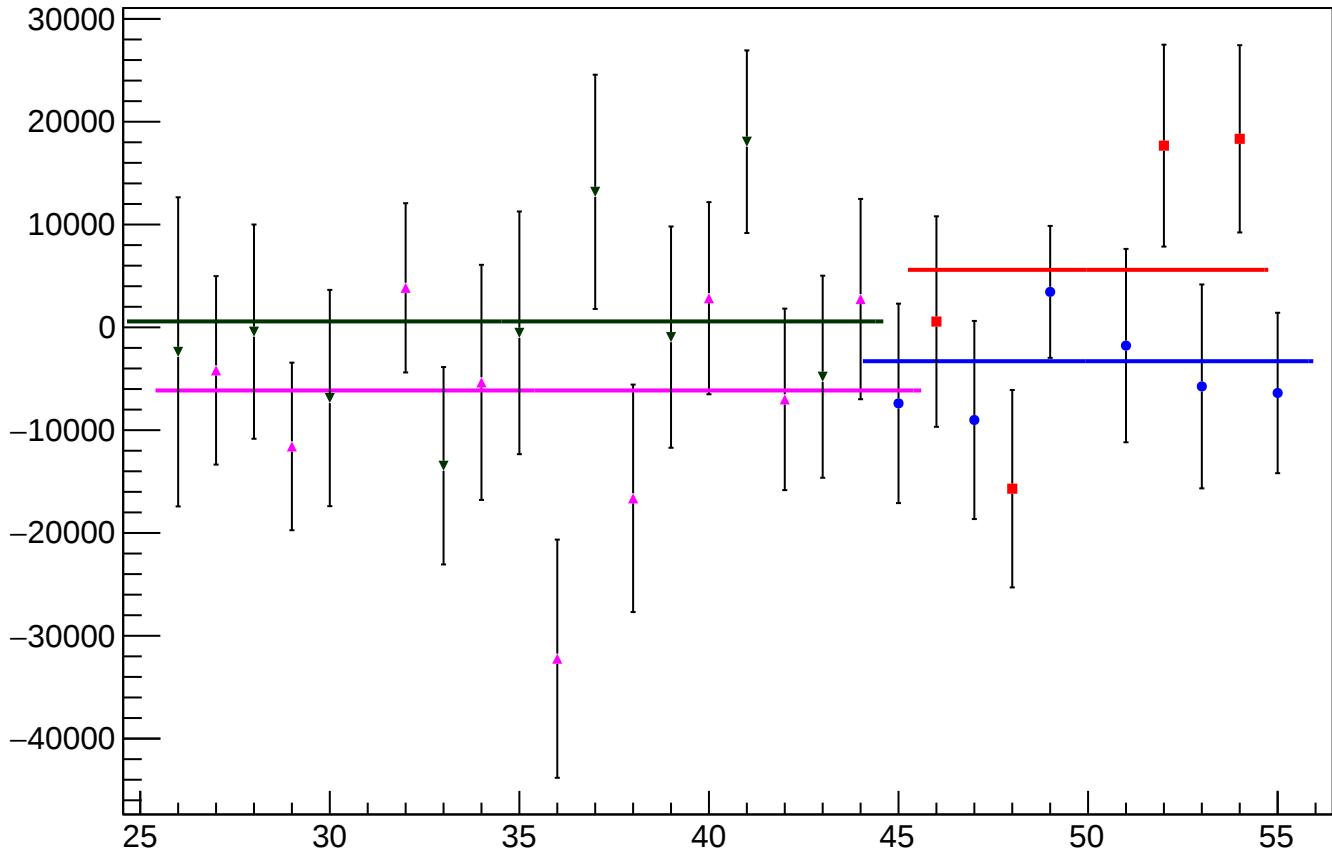
Right Out: 665.919+/-0.447 χ^2/NDF : 1024868.0/3

Left In: 1320.225+/-0.405 χ^2/NDF :342760.5/8

781.676+/-0.238 χ^2/NDF : 5265566.2/14

1025.806+/-0.300 χ^2/NDF : 2543729.1/12

asym_sam2_mean vs slug



Right In: -3292.047+/-3458.525 χ^2/NDF : 1.9/5

Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

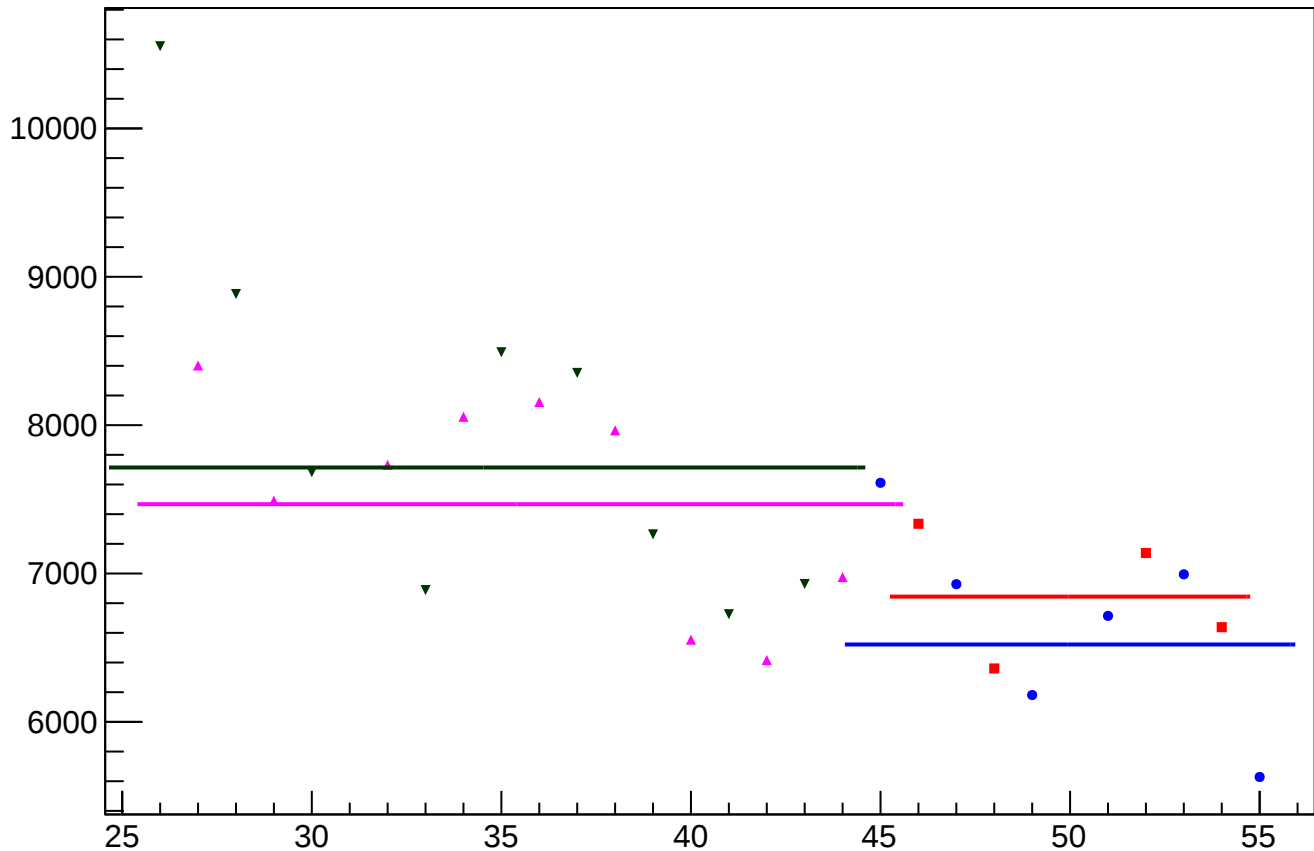
-1399.107+/-2471.714 χ^2/NDF : 10.6/14

Right Out: 5594.537+/-4832.943 χ^2/NDF : 8.6/3

-2616.985+/-2647.882 χ^2/NDF : 22.5/12

Left In: -6139.136+/-3165.220 χ^2/NDF : 9.7/8

asym_sam2_rms vs slug



Right In: 6521.629+/-2.446 χ^2/NDF : 66053.4/5

Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

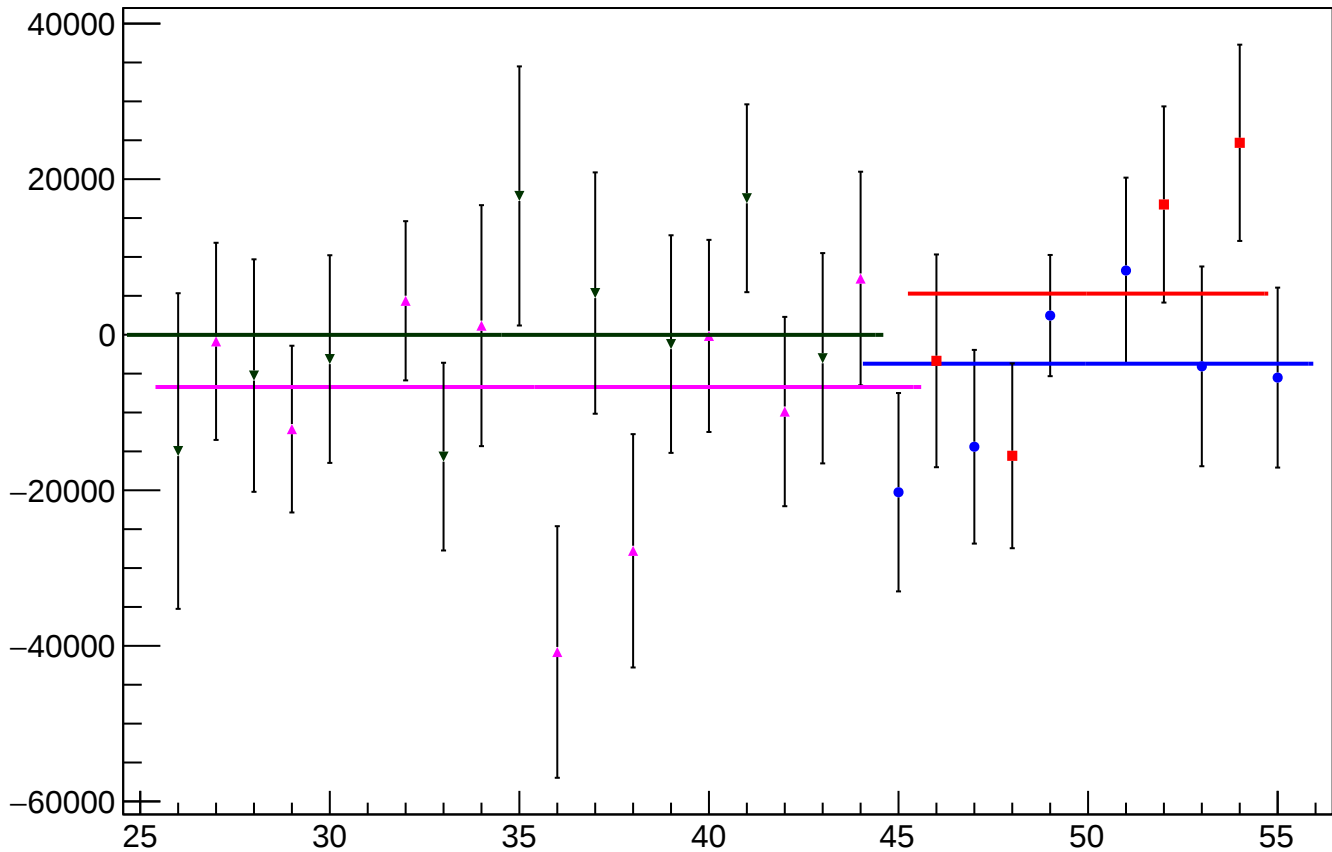
Right Out: 6844.222+/-3.417 χ^2/NDF : 12504.7/3

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

7105.296+/-1.748 χ^2/NDF : 349875.7/14

7280.201+/-1.872 χ^2/NDF : 127608.2/12

asym_sam3_mean vs slug



Right In: -3726.413 ± 4489.449 $\chi^2/\text{NDF}: 4.1/5$

Left Out: -18.907 ± 4736.066 $\chi^2/\text{NDF}: 5.8/8$

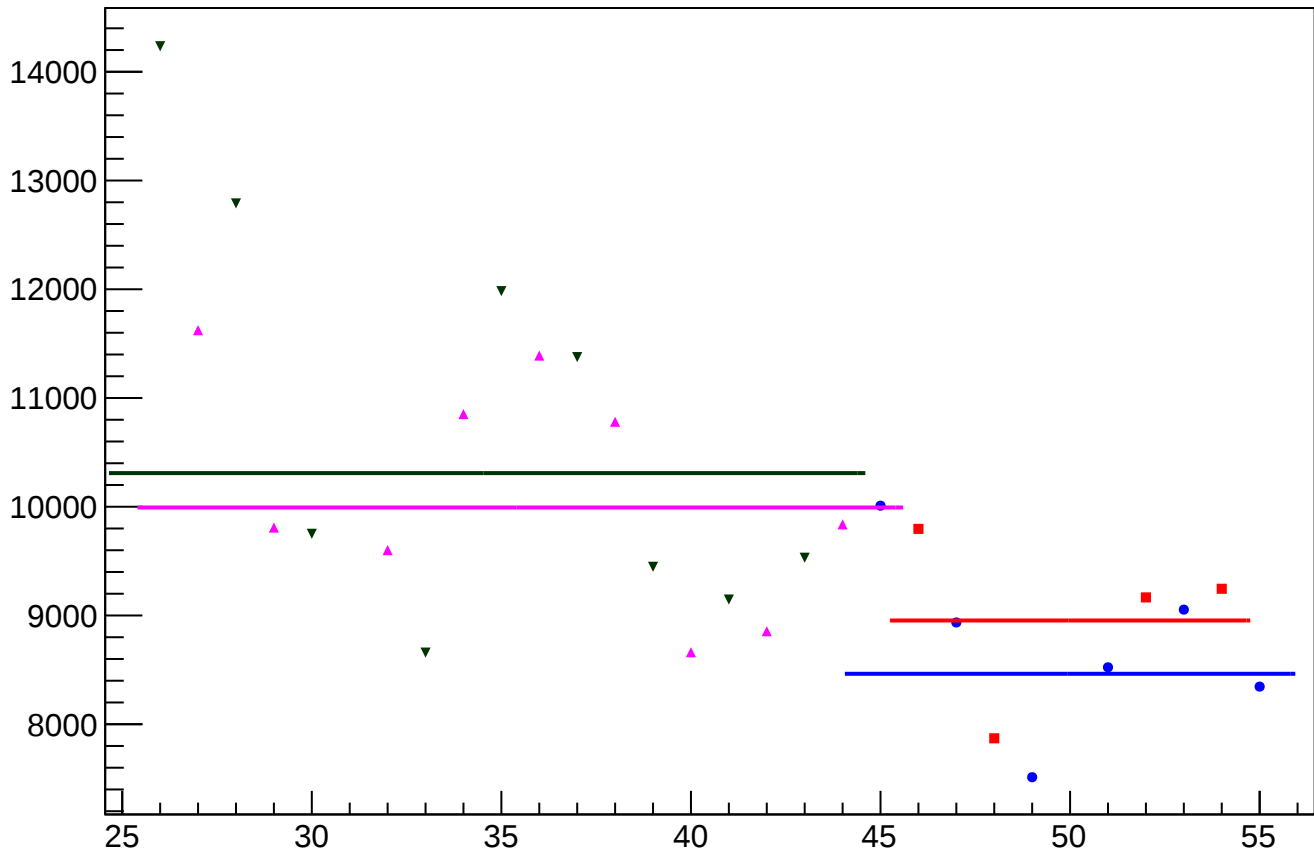
Right Out: 5284.710 ± 6325.061 $\chi^2/\text{NDF}: 6.7/3$

Left In: -6722.901 ± 4244.094 $\chi^2/\text{NDF}: 9.7/8$

-1971.699 ± 3258.217 $\chi^2/\text{NDF}: 10.2/14$

-2995.051 ± 3524.241 $\chi^2/\text{NDF}: 18.8/12$

asym_sam3_rms vs slug



Right In: 8463.827+/-3.175 χ^2/NDF : 66538.8/5

Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

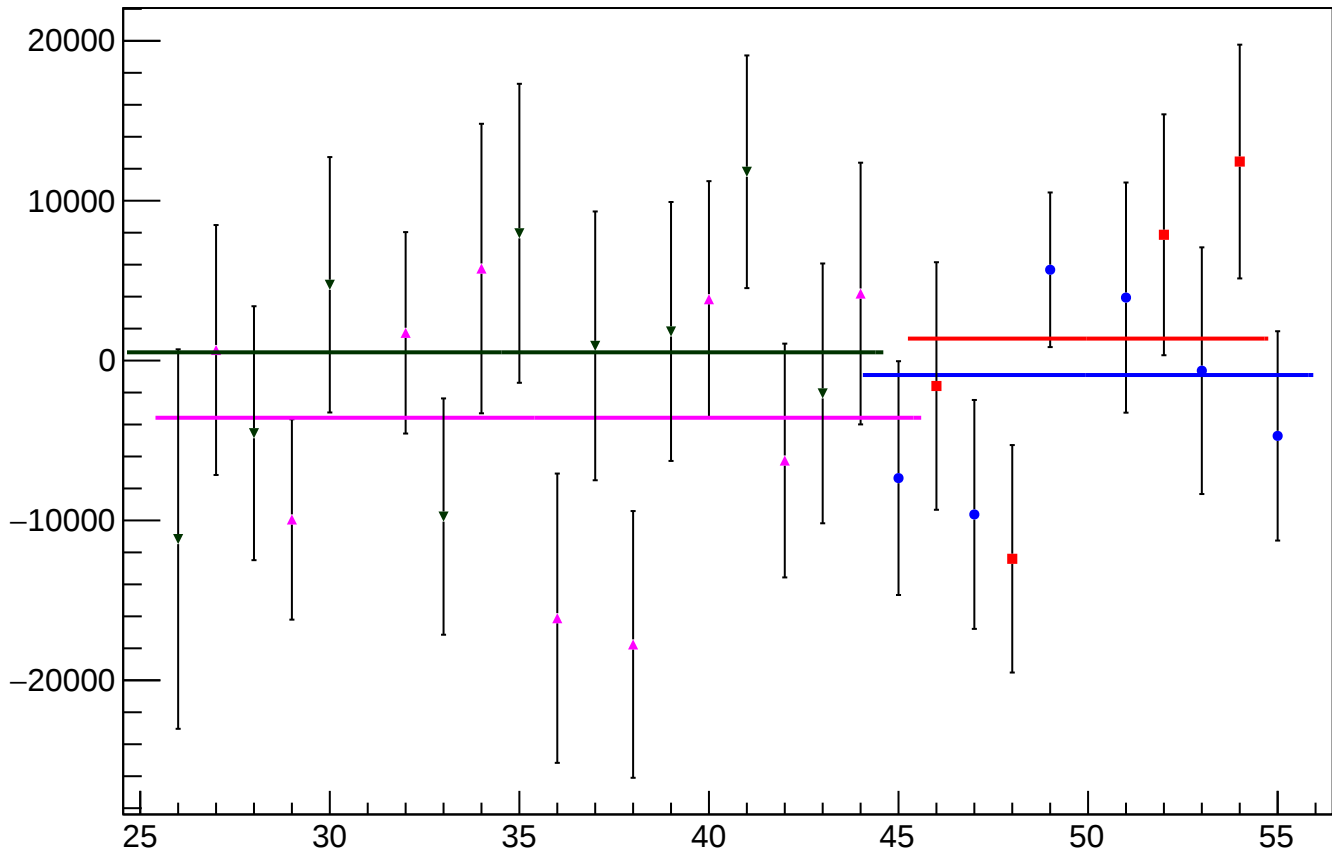
Right Out: 8953.931+/-4.472 χ^2/NDF : 25853.6/3

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

9337.296+/-2.304 χ^2/NDF : 459762.0/14

9670.494+/-2.492 χ^2/NDF : 167291.2/12

asym_sam4_mean vs slug



Right In: -903.800+/-2668.890 χ^2/NDF : 4.9/5

Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

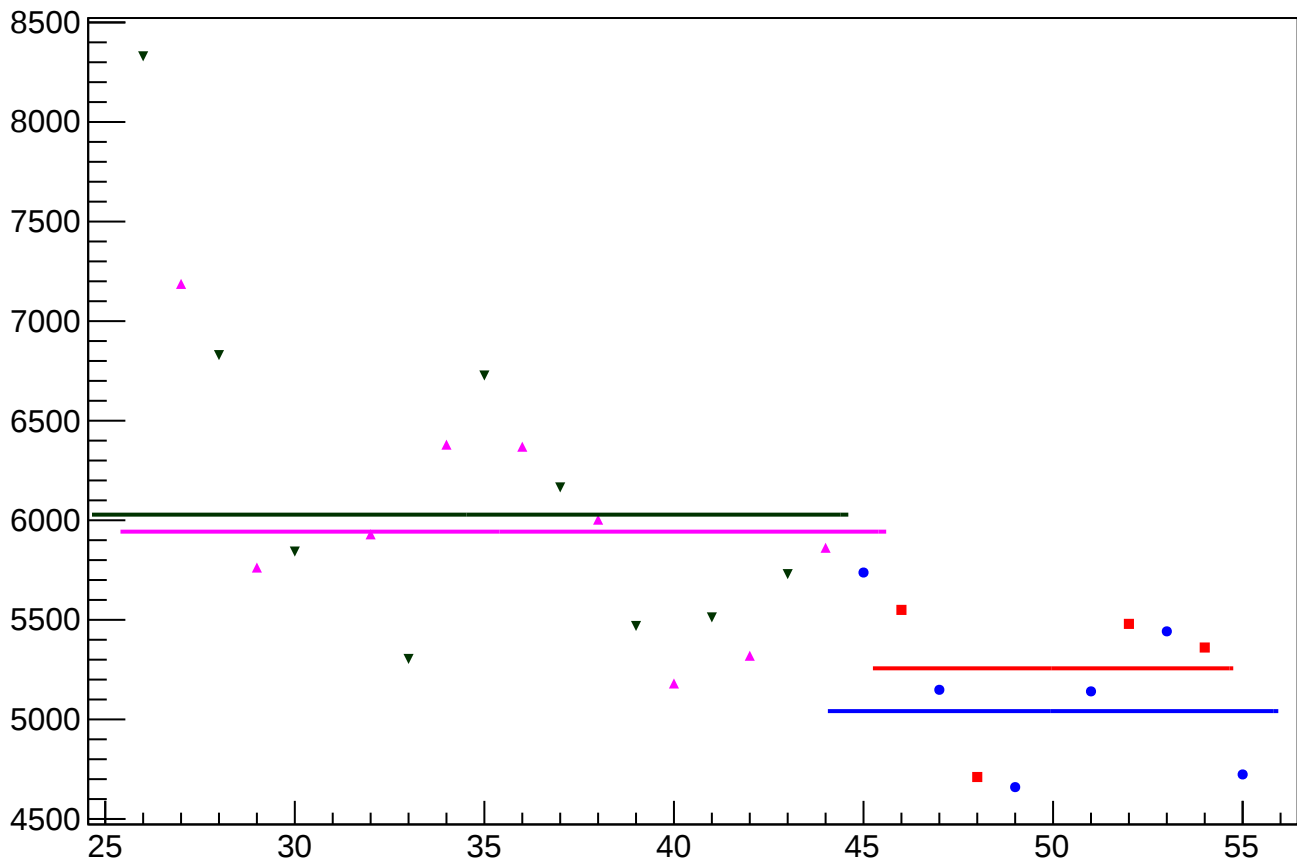
-216.007+/-1916.815 χ^2/NDF : 11.8/14

Right Out: 1374.762+/-3707.445 χ^2/NDF : 6.9/3

-2014.241+/-2082.859 χ^2/NDF : 18.1/12

Left In: -3577.200+/-2517.750 χ^2/NDF : 10.0/8

asym_sam4_rms vs slug



Right In: 5041.692+/-1.887 χ^2/NDF : 41504.5/5

Left Out: 6028.268+/-1.948 χ^2/NDF :149820.8/8

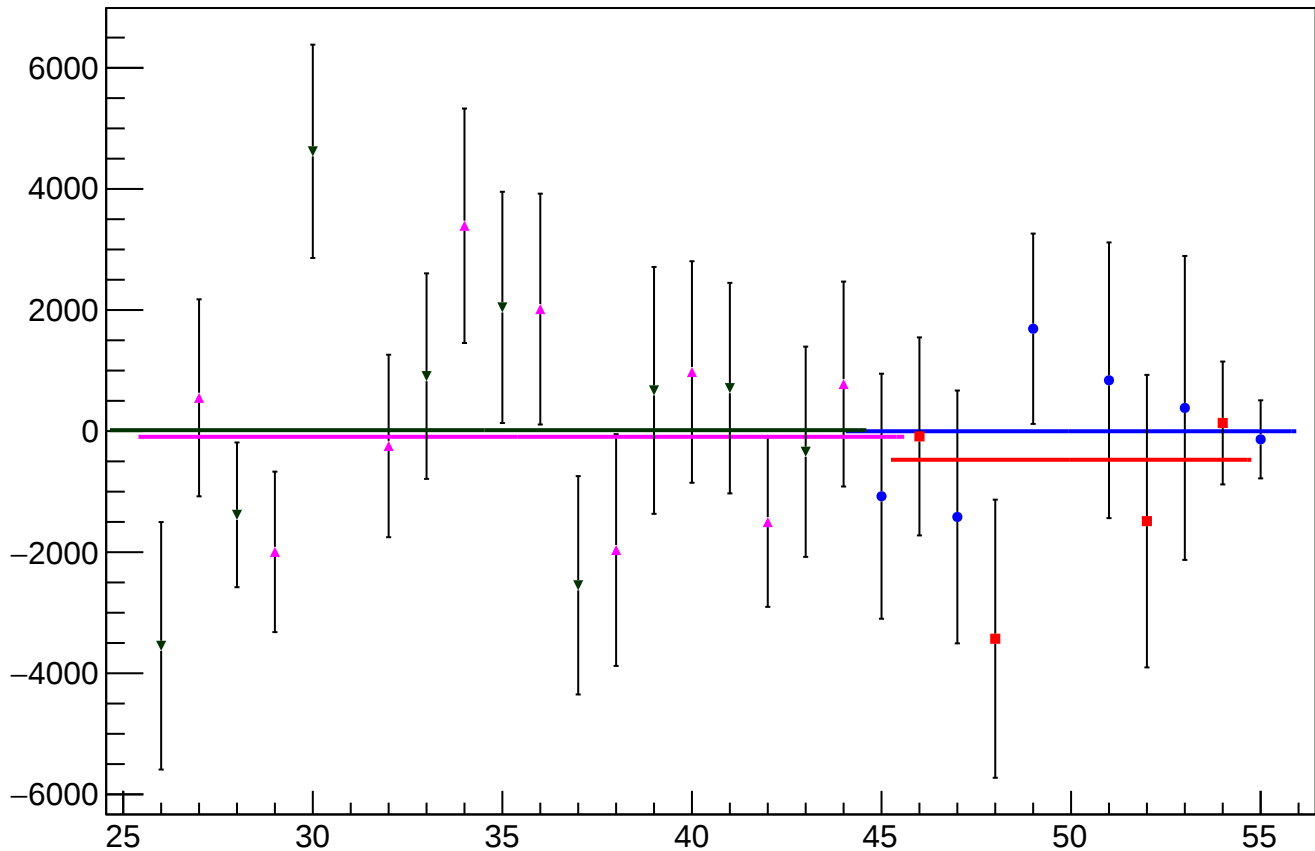
Right Out: 5256.515+/-2.622 χ^2/NDF : 16803.0/3

Left In: 5942.882+/-1.780 χ^2/NDF :97554.4/8

5519.371+/-1.355 χ^2/NDF : 323648.6/14

5726.248+/-1.473 χ^2/NDF : 161269.8/12

asym_sam5_mean vs slug



Right In: -2.365 ± 524.478 χ^2/NDF : 2.1/5

Left Out: 15.632 ± 568.606 χ^2/NDF : 15.0/8

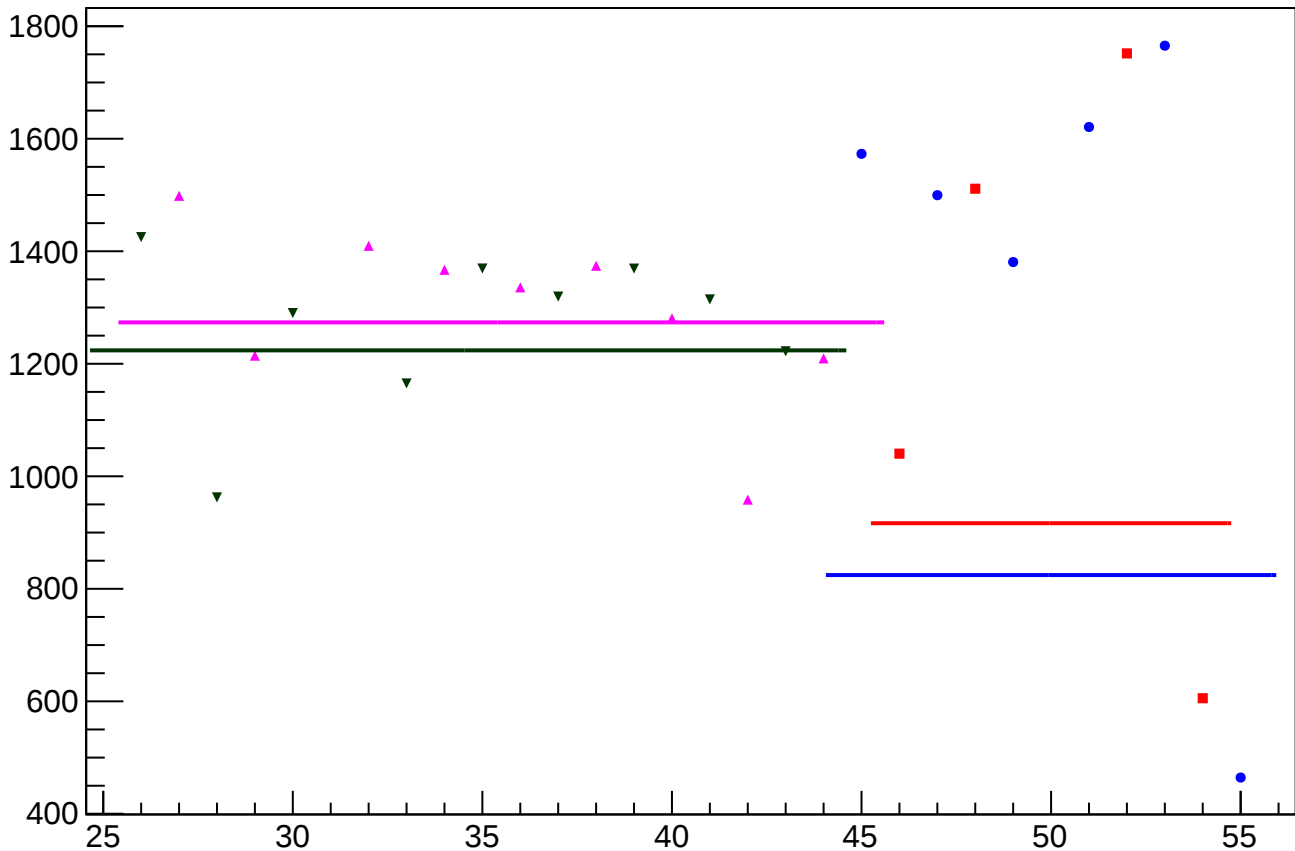
Right Out: -473.315 ± 765.706 χ^2/NDF : 2.2/3

Left In: -94.301 ± 545.541 χ^2/NDF : 9.3/8

5.908 ± 385.520 χ^2/NDF : 17.1/14

-221.915 ± 444.306 χ^2/NDF : 11.7/12

asym_sam5_rms vs slug



Right In: 824.436+/-0.371 χ^2/NDF : 1882214.0/5

Left Out: 1223.816+/-0.402 χ^2/NDF :153031.9/8

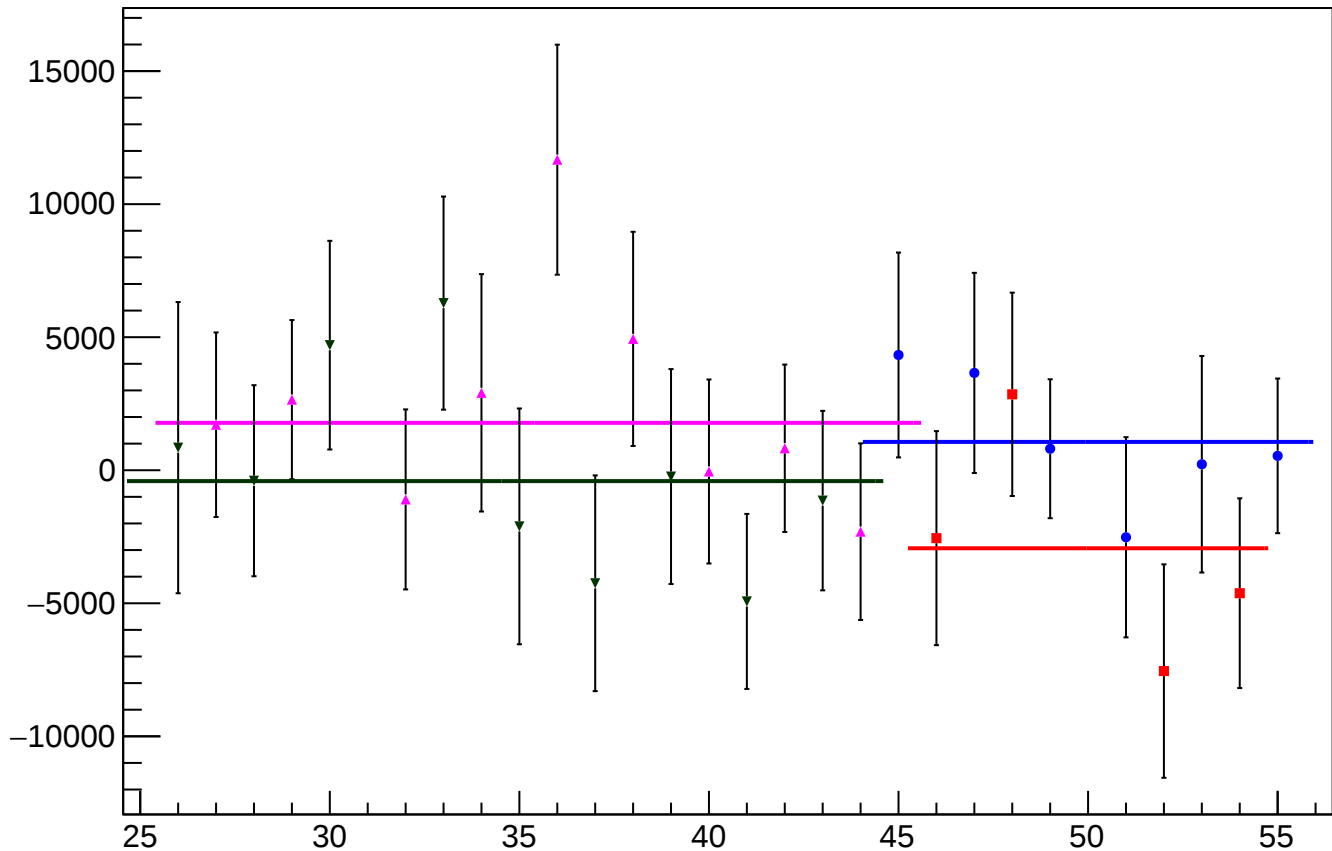
Right Out: 916.586+/-0.541 χ^2/NDF : 572204.1/3

Left In: 1273.545+/-0.386 χ^2/NDF :174989.1/8

1008.029+/-0.273 χ^2/NDF : 2568357.5/14

1153.358+/-0.314 χ^2/NDF : 1035500.0/12

asym_sam6_mean vs slug



Right In: 1064.724 ± 1368.107 $\chi^2/\text{NDF}: 2.2/5$

Left Out: -408.383 ± 1299.964 $\chi^2/\text{NDF}: 7.5/8$

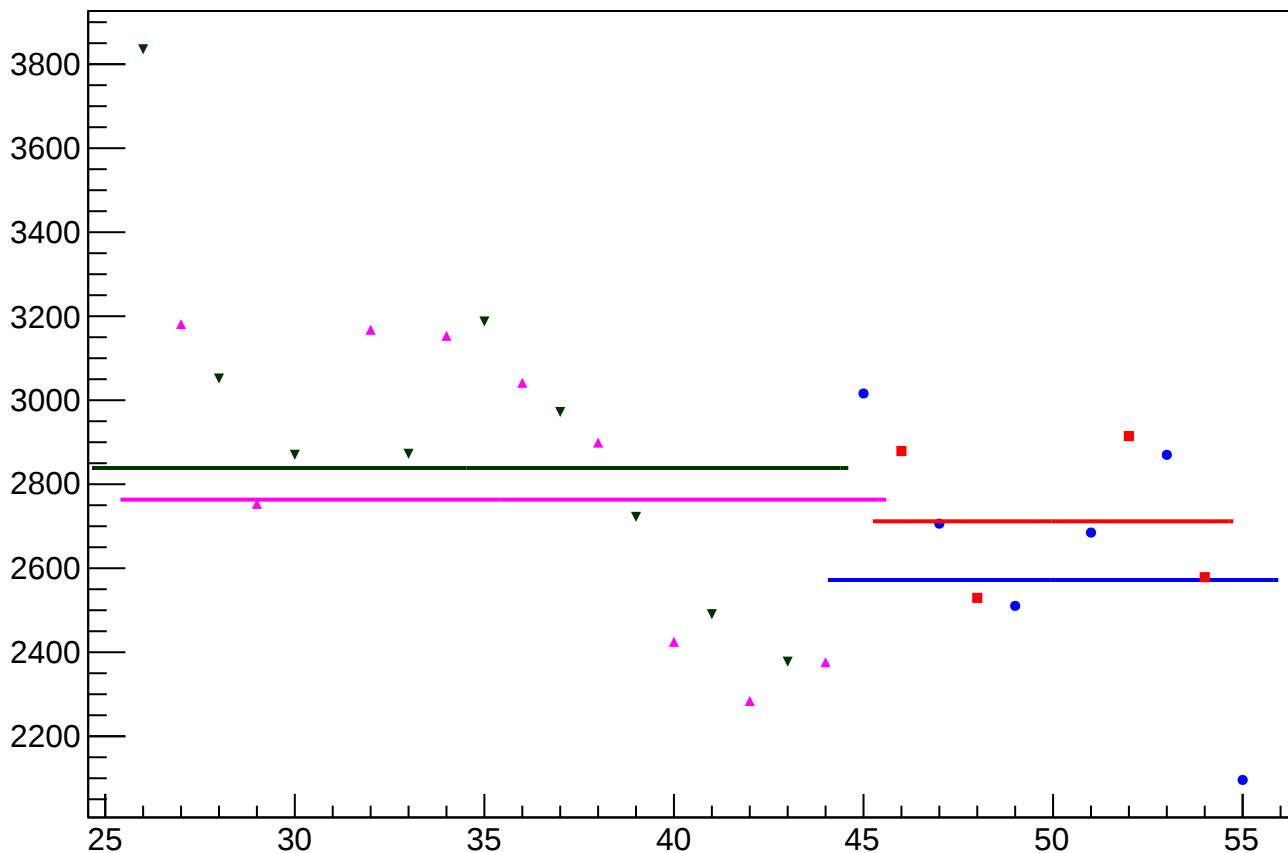
Right Out: -2933.005 ± 1920.551 $\chi^2/\text{NDF}: 3.8/3$

Left In: 1781.426 ± 1175.729 $\chi^2/\text{NDF}: 8.6/8$

290.572 ± 942.383 $\chi^2/\text{NDF}: 10.3/14$

496.250 ± 1002.749 $\chi^2/\text{NDF}: 16.8/12$

asym_sam6_rms vs slug



Right In: 2572.056+/-0.967 χ^2/NDF : 96448.2/5

Left Out: 2838.681+/-0.919 χ^2/NDF :149660.0/8

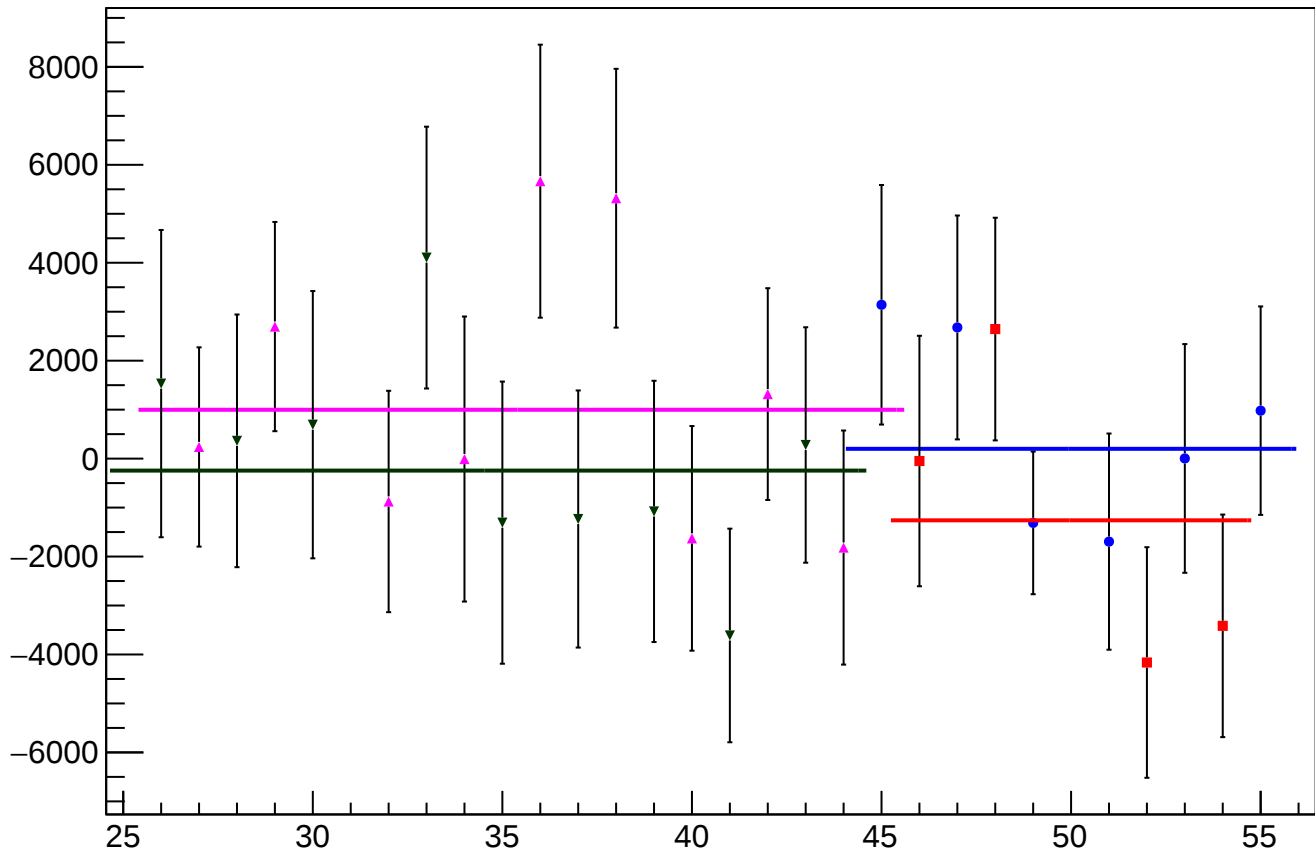
Right Out: 2711.752+/-1.358 χ^2/NDF : 15910.9/3

Left In: 2763.346+/-0.831 χ^2/NDF :176297.5/8

2712.174+/-0.666 χ^2/NDF : 286027.6/14

2749.281+/-0.709 χ^2/NDF : 193258.3/12

asym_sam7_mean vs slug



Right In: 200.260 $\pm$ 833.618 χ^2 /NDF: 4.6/5

Left Out: -244.491 $\pm$ 871.961 χ^2 /NDF: 5.9/8

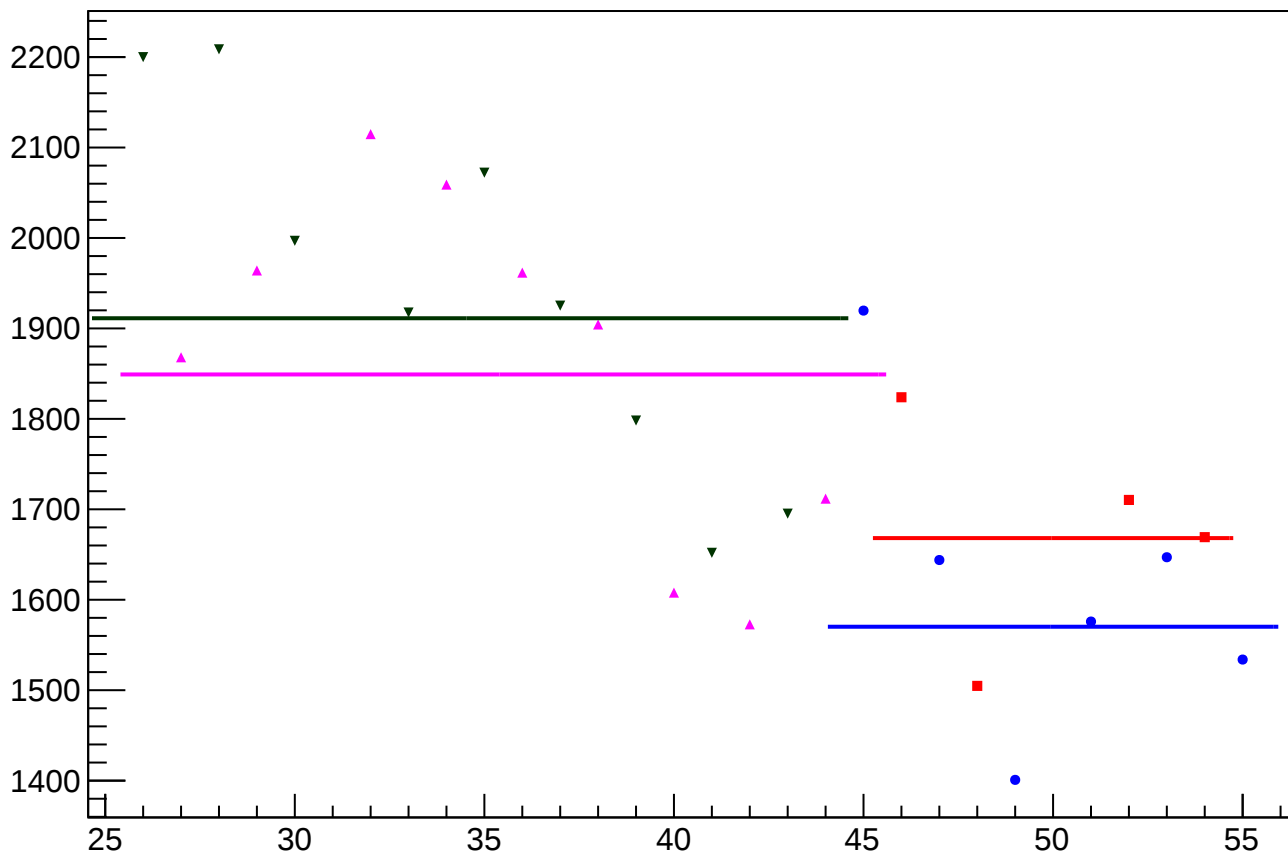
-12.122 $\pm$ 602.556 χ^2 /NDF: 10.7/14

Right Out: -1260.311 $\pm$ 1178.326 χ^2 /NDF: 5.6/3

304.022 $\pm$ 652.984 χ^2 /NDF: 17.9/12

Left In: 997.335 $\pm$ 784.451 χ^2 /NDF: 9.8/8

asym_sam7_rms vs slug



Right In: 1570.171+/-0.589 χ^2/NDF : 72706.6/5

Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

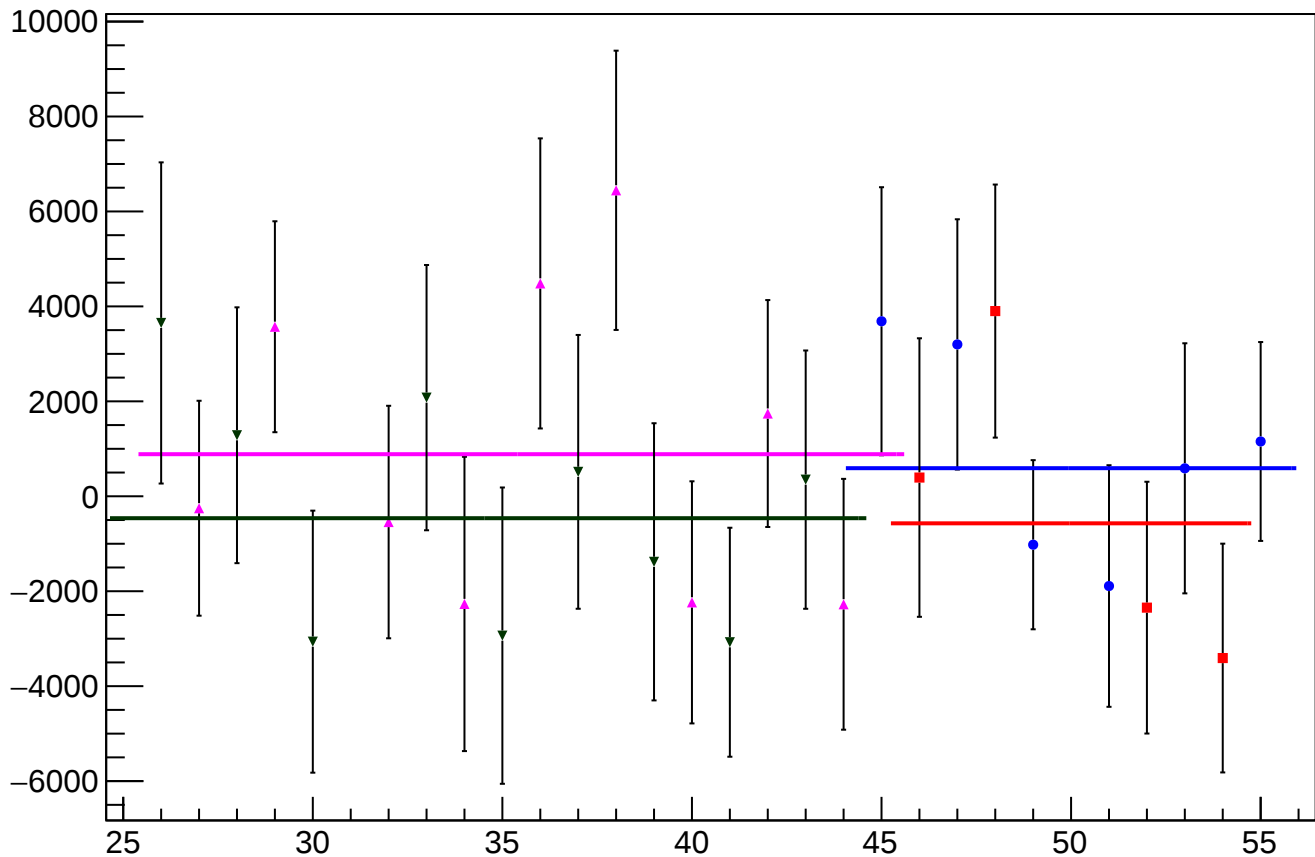
Right Out: 1668.169+/-0.833 χ^2/NDF : 18386.3/3

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

1733.046+/-0.426 χ^2/NDF : 332381.1/14

1793.538+/-0.462 χ^2/NDF : 160560.5/12

asym_sam8_mean vs slug



Right In: 591.807+/-948.758 χ^2/NDF : 4.0/5

Left Out: -461.681+/-939.996 χ^2/NDF : 5.7/8

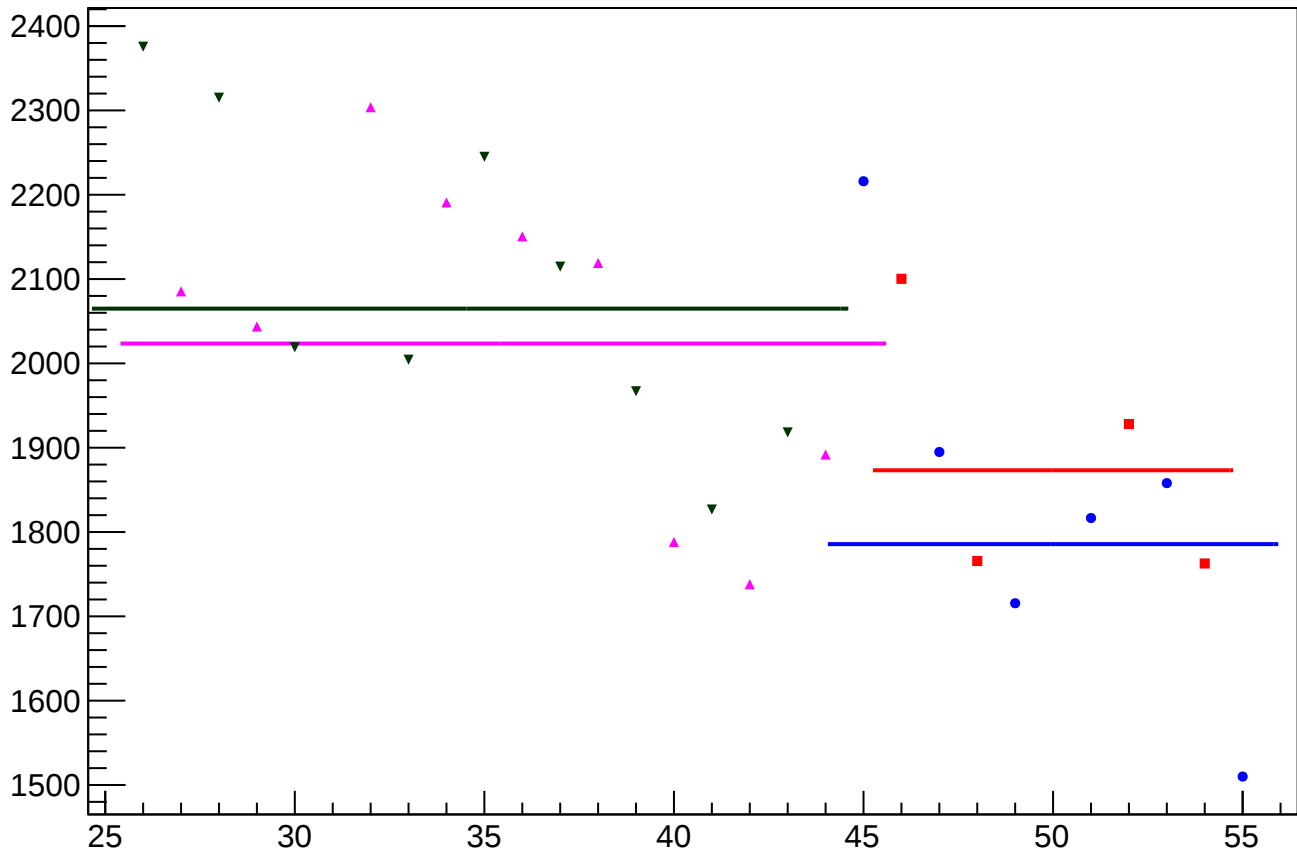
Right Out: -569.852+/-1322.948 χ^2/NDF : 4.8/3

Left In: 886.546+/-856.447 χ^2/NDF : 11.1/8

60.176+/-667.754 χ^2/NDF : 10.4/14

456.432+/-718.943 χ^2/NDF : 16.7/12

asym_sam8_rms vs slug



Right In: 1785.657+/-0.671 χ^2/NDF : 89448.2/5

Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

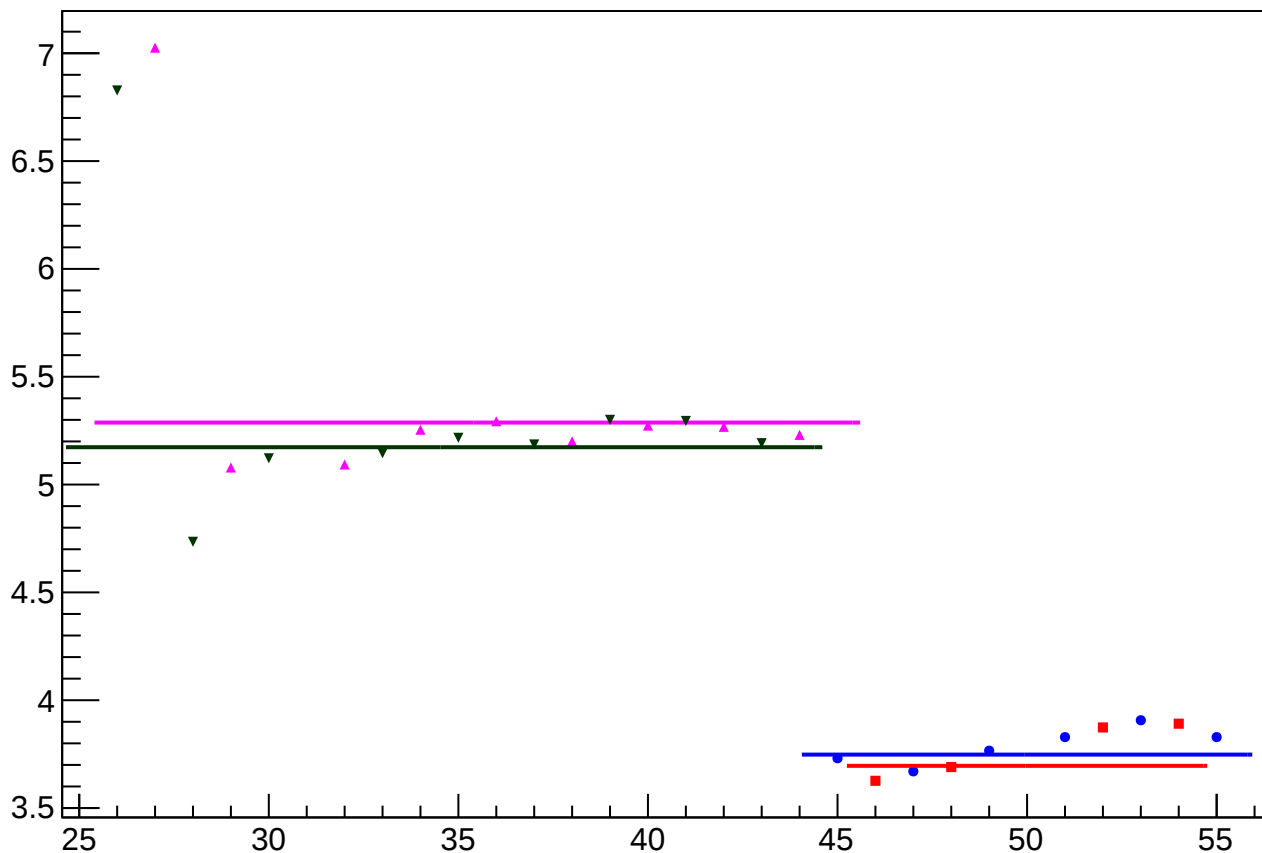
1926.596+/-0.472 χ^2/NDF : 247351.1/14

Right Out: 1873.234+/-0.935 χ^2/NDF : 20304.2/3

1979.137+/-0.508 χ^2/NDF : 128266.8/12

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

yield_sam1_mean vs slug



Right In: 3.748+/-0.000 χ^2/NDF : 39535662.3/5

Left Out: 5.173+/-0.000 χ^2/NDF : 2171910592.0/8

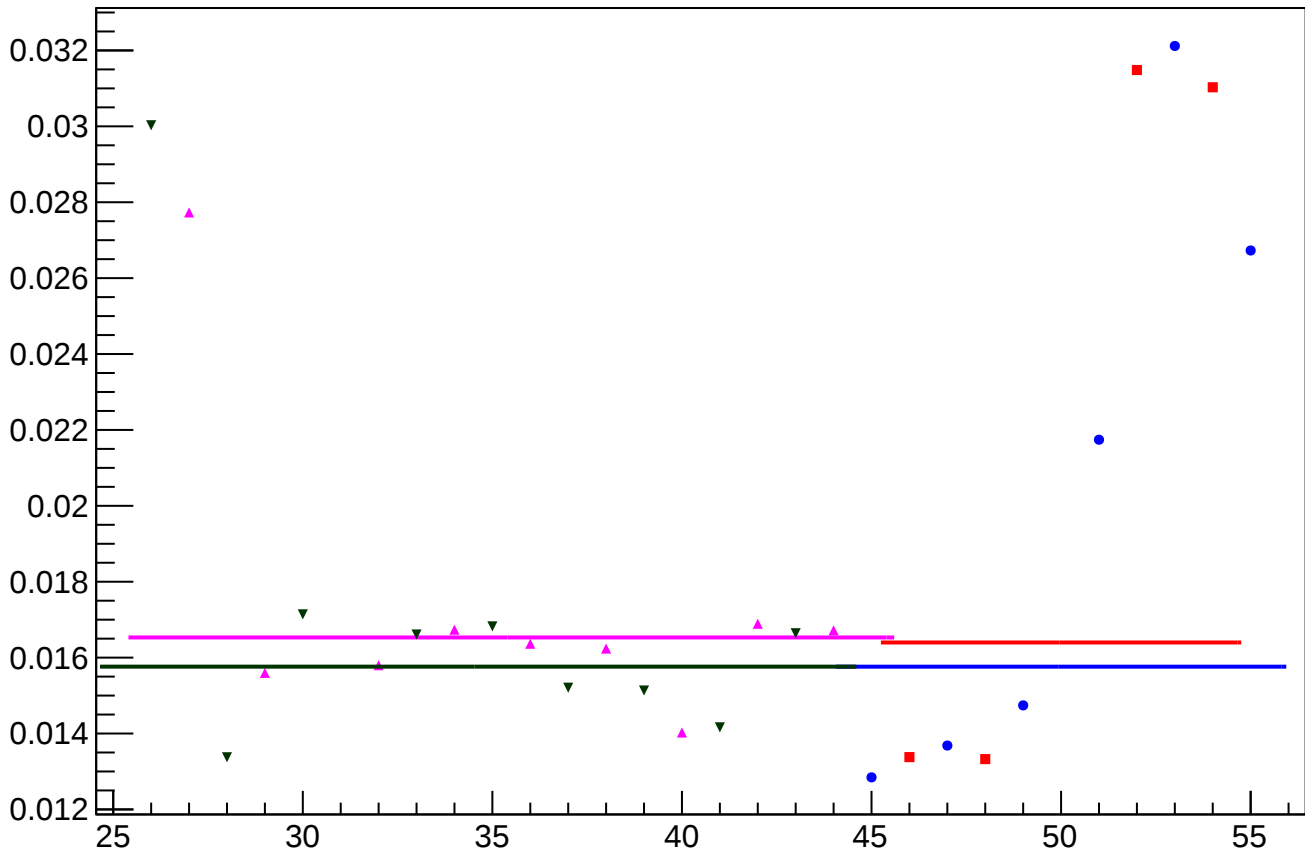
Right Out: 3.696+/-0.000 χ^2/NDF : 47026335.2/3

Left In: 5.287+/-0.000 χ^2/NDF : 3281290033.8/8

4.603+/-0.000 χ^2/NDF : 16713116835.3/14

4.913+/-0.000 χ^2/NDF : 14699930709.1/12

yield_sam1_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 544611.0/5

Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

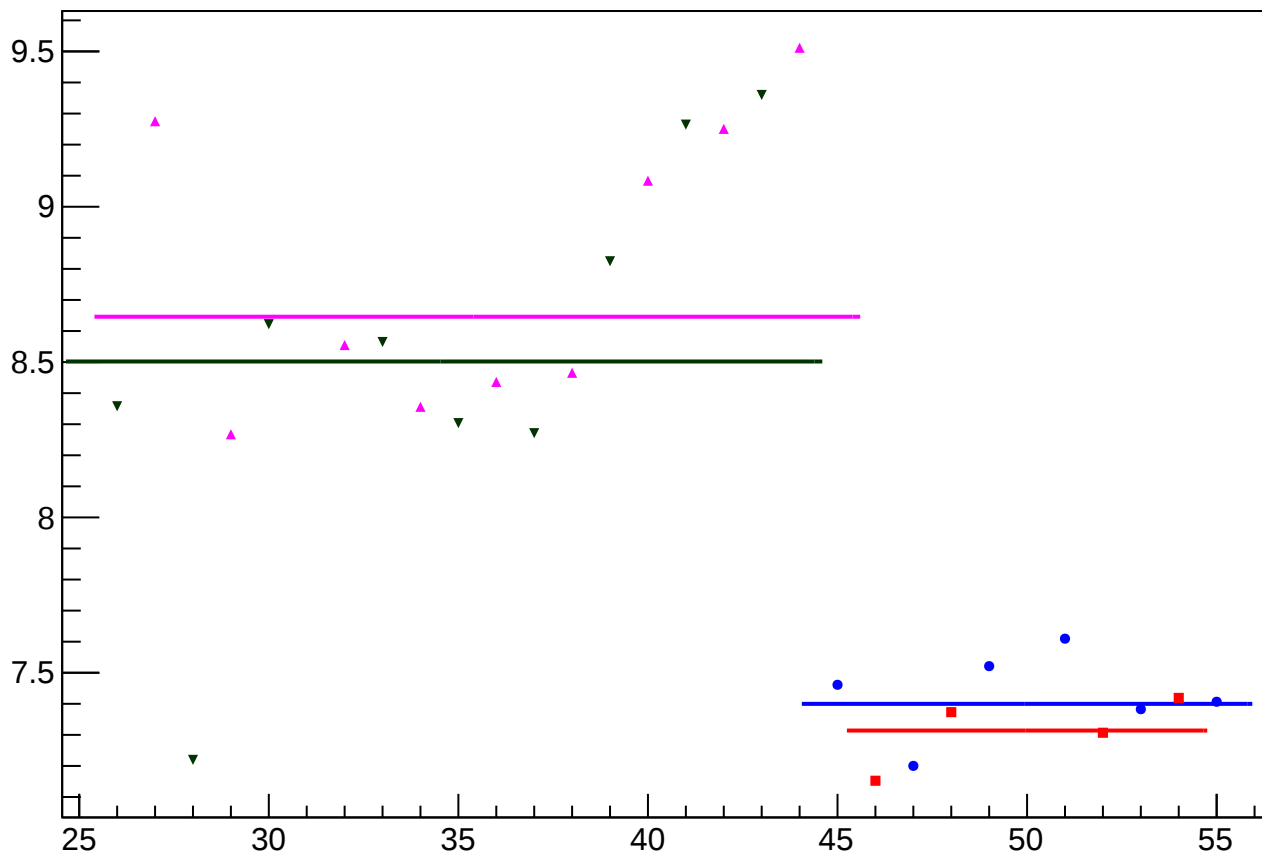
0.016+/-0.000 χ^2/NDF : 831160.4/14

Right Out: 0.016+/-0.000 χ^2/NDF : 531263.0/3

0.017+/-0.000 χ^2/NDF : 820244.3/12

Left In: 0.017+/-0.000 χ^2/NDF : 288822.9/8

yield_sam2_mean vs slug



Right In: 7.400 $\pm$ 0.000 χ^2 /NDF: 3856757.2/5

Left Out: 8.502 $\pm$ 0.000 χ^2 /NDF: 87030324.5/8

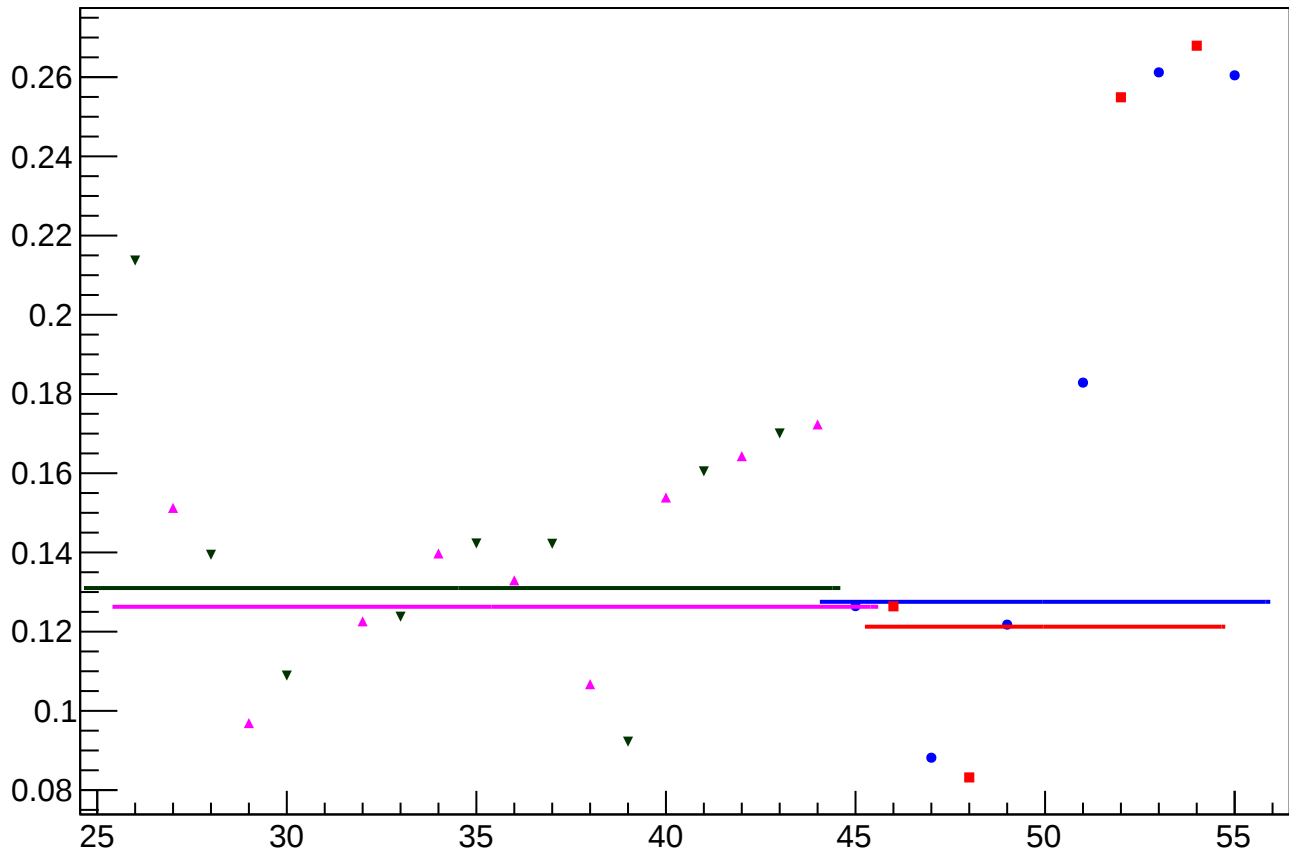
Right Out: 7.314 $\pm$ 0.000 χ^2 /NDF: 969773.9/3

Left In: 8.646 $\pm$ 0.000 χ^2 /NDF: 53831868.3/8

8.048 $\pm$ 0.000 χ^2 /NDF: 217722533.8/14

8.328 $\pm$ 0.000 χ^2 /NDF: 190250362.9/12

yield_sam2_rms vs slug



Right In: 0.128+/-0.000 χ^2/NDF : 779893.0/5

Left Out: 0.131+/-0.000 χ^2/NDF : 439839.4/8

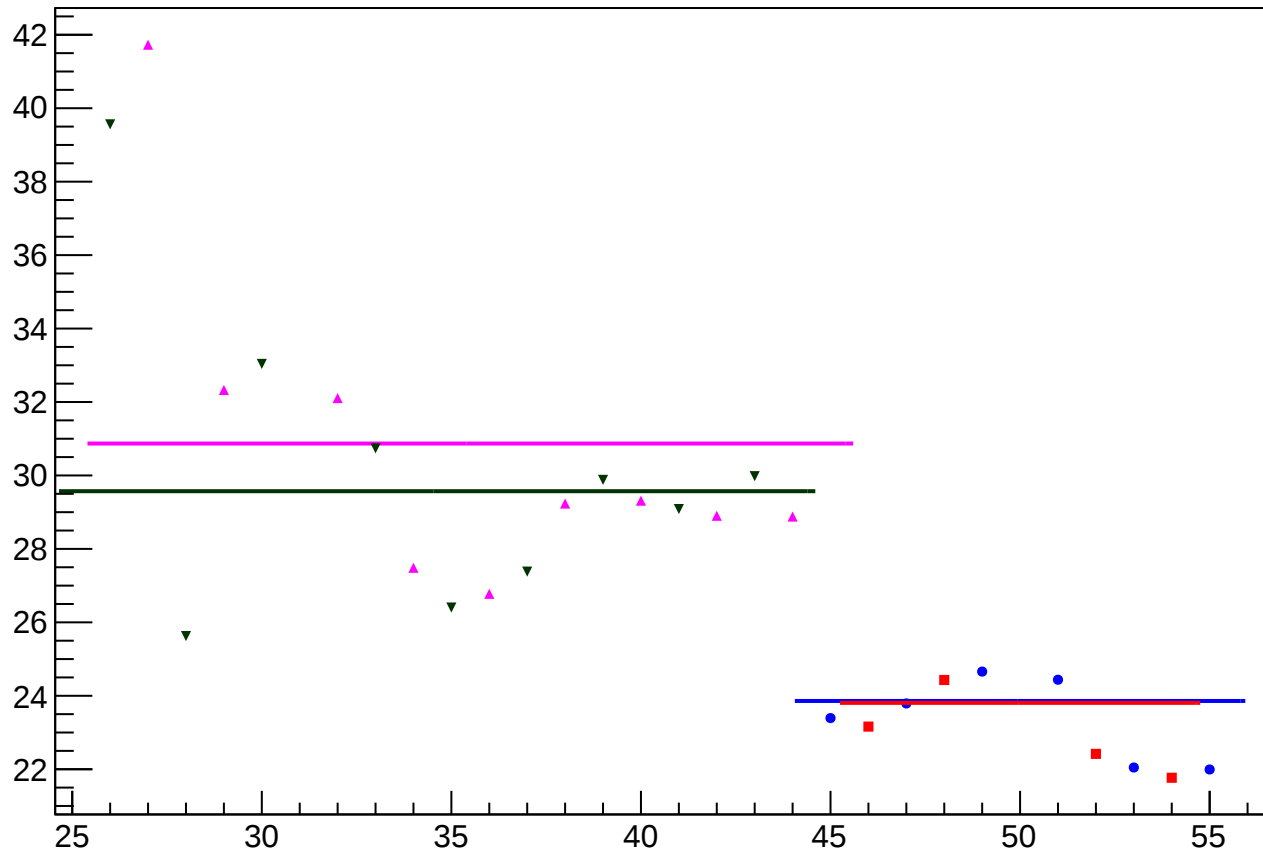
0.130+/-0.000 χ^2/NDF : 1222257.1/14

Right Out: 0.121+/-0.000 χ^2/NDF : 765866.9/3

0.125+/-0.000 χ^2/NDF : 1155055.0/12

Left In: 0.126+/-0.000 χ^2/NDF : 385330.3/8

yield_sam3_mean vs slug



Right In: 23.859+/-0.000 χ^2/NDF : 5492910.4/5

Left Out: 29.571+/-0.000 χ^2/NDF :93290313.8/8

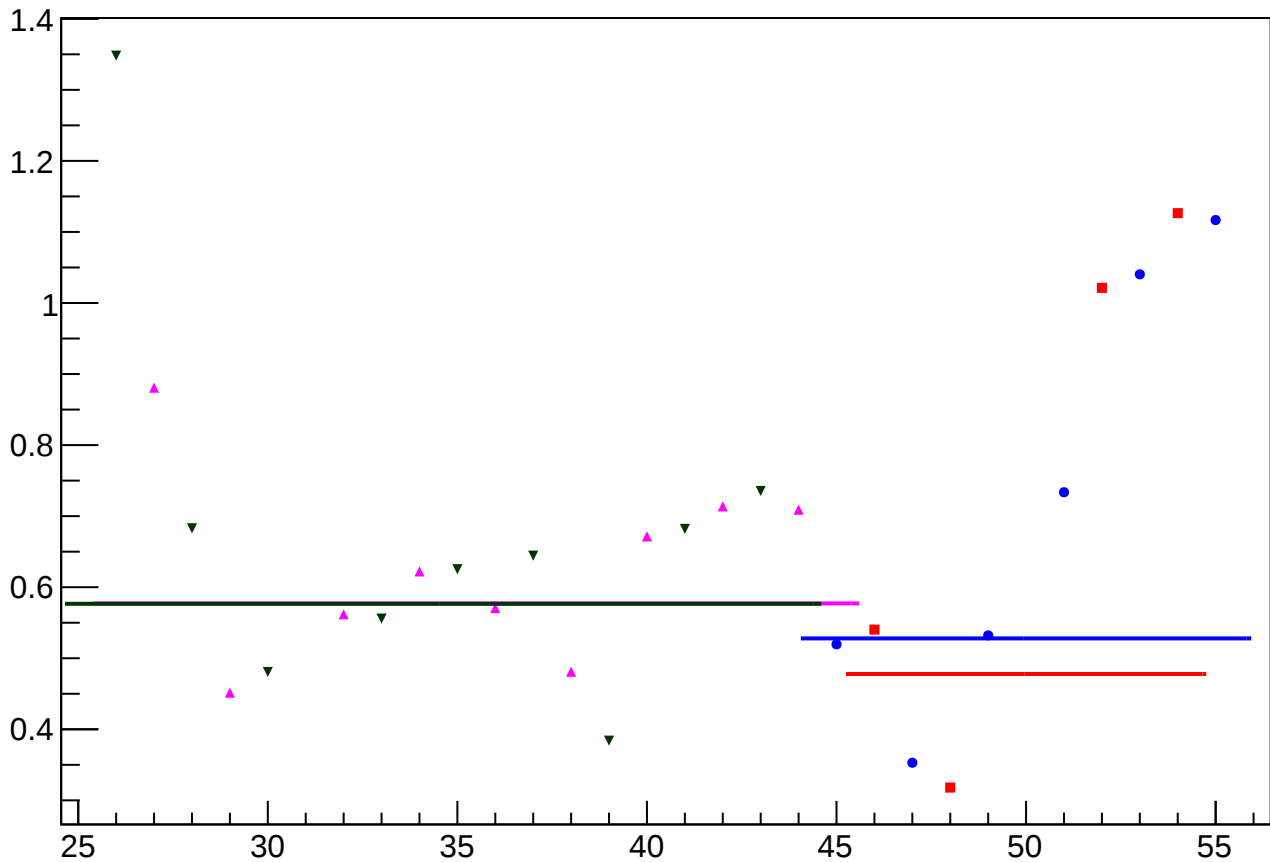
Right Out: 23.807+/-0.000 χ^2/NDF : 4796576.8/3

Left In: 30.869+/-0.000 χ^2/NDF :179537266.9/8

27.023+/-0.000 χ^2/NDF : 283192708.9/14

28.804+/-0.000 χ^2/NDF : 403767817.5/12

yield_sam3_rms vs slug



Right In: 0.528 ± 0.000 χ^2/NDF : 802021.3/5

Left Out: 0.577 ± 0.000 χ^2/NDF : 676625.4/8

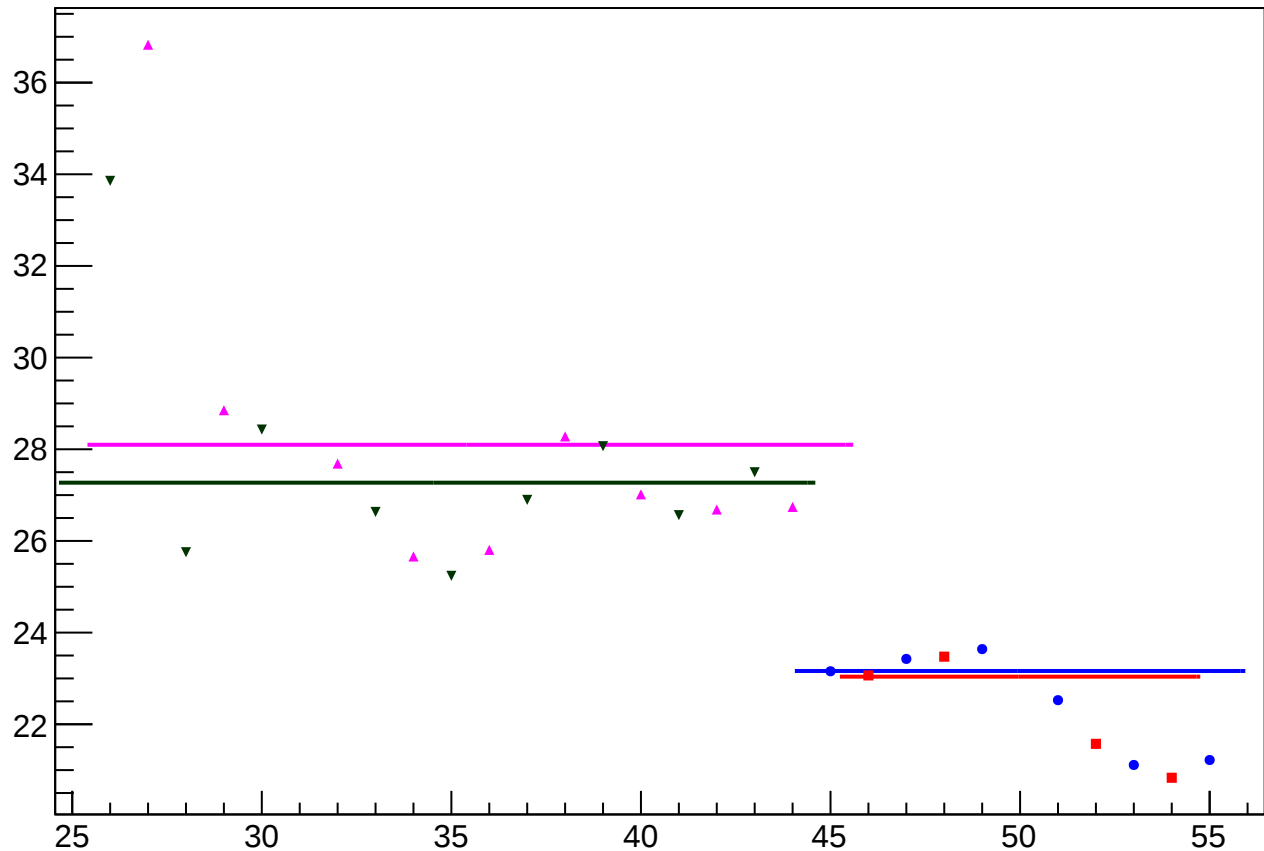
0.555 ± 0.000 χ^2/NDF : 1505482.4/14

Right Out: 0.478 ± 0.000 χ^2/NDF : 853202.6/3

0.548 ± 0.000 χ^2/NDF : 1369041.1/12

Left In: 0.577 ± 0.000 χ^2/NDF : 428935.9/8

yield_sam4_mean vs slug



Right In: 23.163+/-0.000 χ^2/NDF : 14374771.0/5

Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

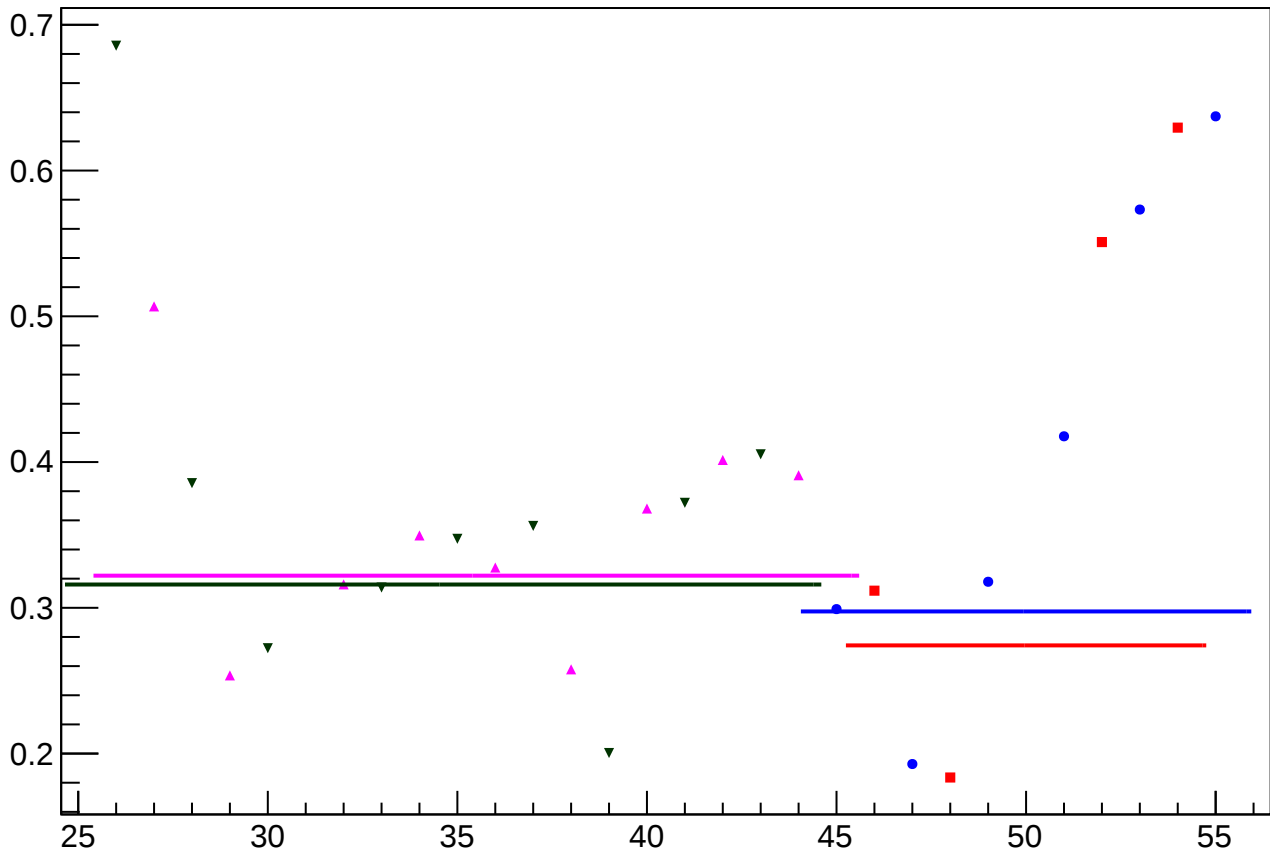
Right Out: 23.039+/-0.000 χ^2/NDF : 12346550.2/3

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

25.523+/-0.000 χ^2/NDF : 412700410.9/14

26.657+/-0.000 χ^2/NDF : 661631367.7/12

yield_sam4_rms vs slug



Right In: 0.298 $\pm$ 0.000 χ^2 /NDF: 849626.6/5

Left Out: 0.316 $\pm$ 0.000 χ^2 /NDF: 714939.2/8

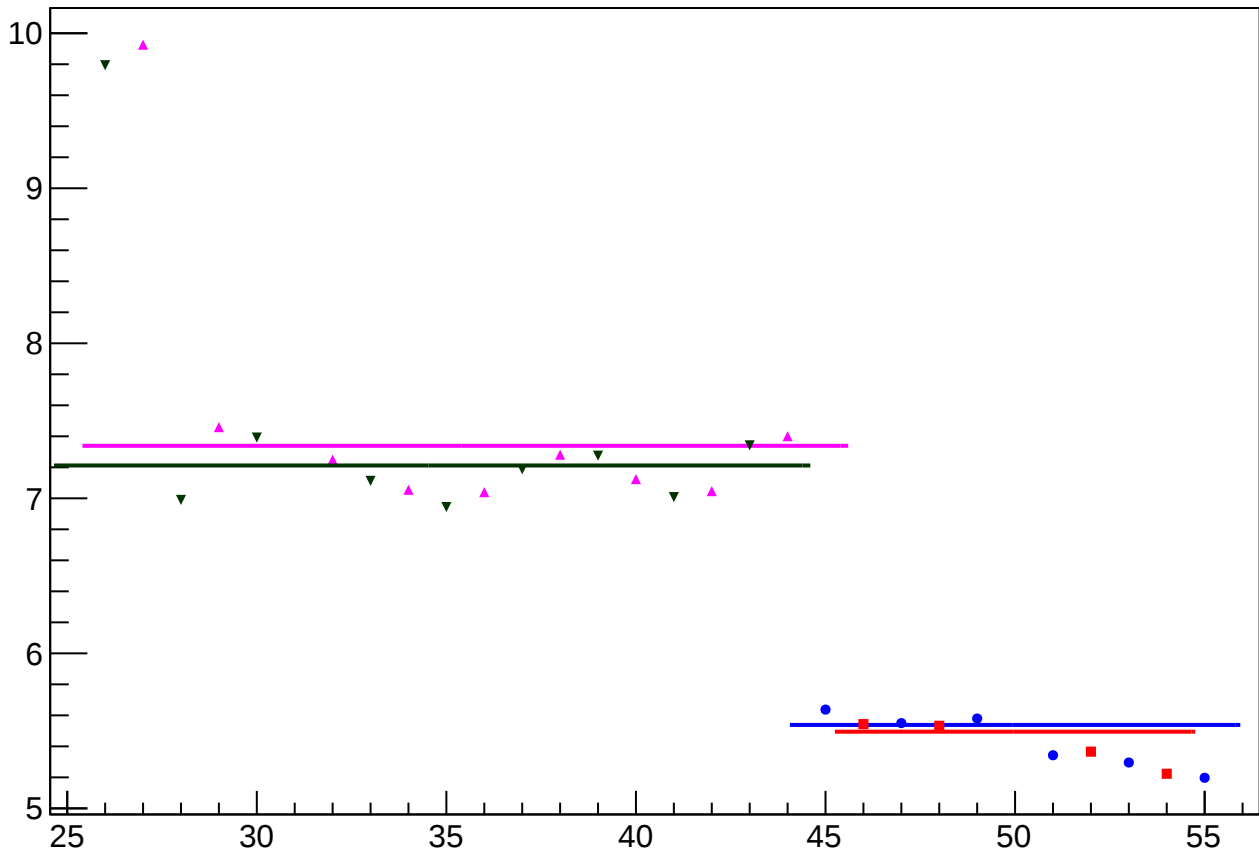
0.308 $\pm$ 0.000 χ^2 /NDF: 1576961.8/14

Right Out: 0.274 $\pm$ 0.000 χ^2 /NDF: 801050.6/3

0.308 $\pm$ 0.000 χ^2 /NDF: 1325801.4/12

Left In: 0.322 $\pm$ 0.000 χ^2 /NDF: 461584.6/8

yield_sam5_mean vs slug



Right In: 5.538+/-0.000 χ^2/NDF : 104288992.3/5

Left Out: 7.212+/-0.000 χ^2/NDF : 2423843108.1/8

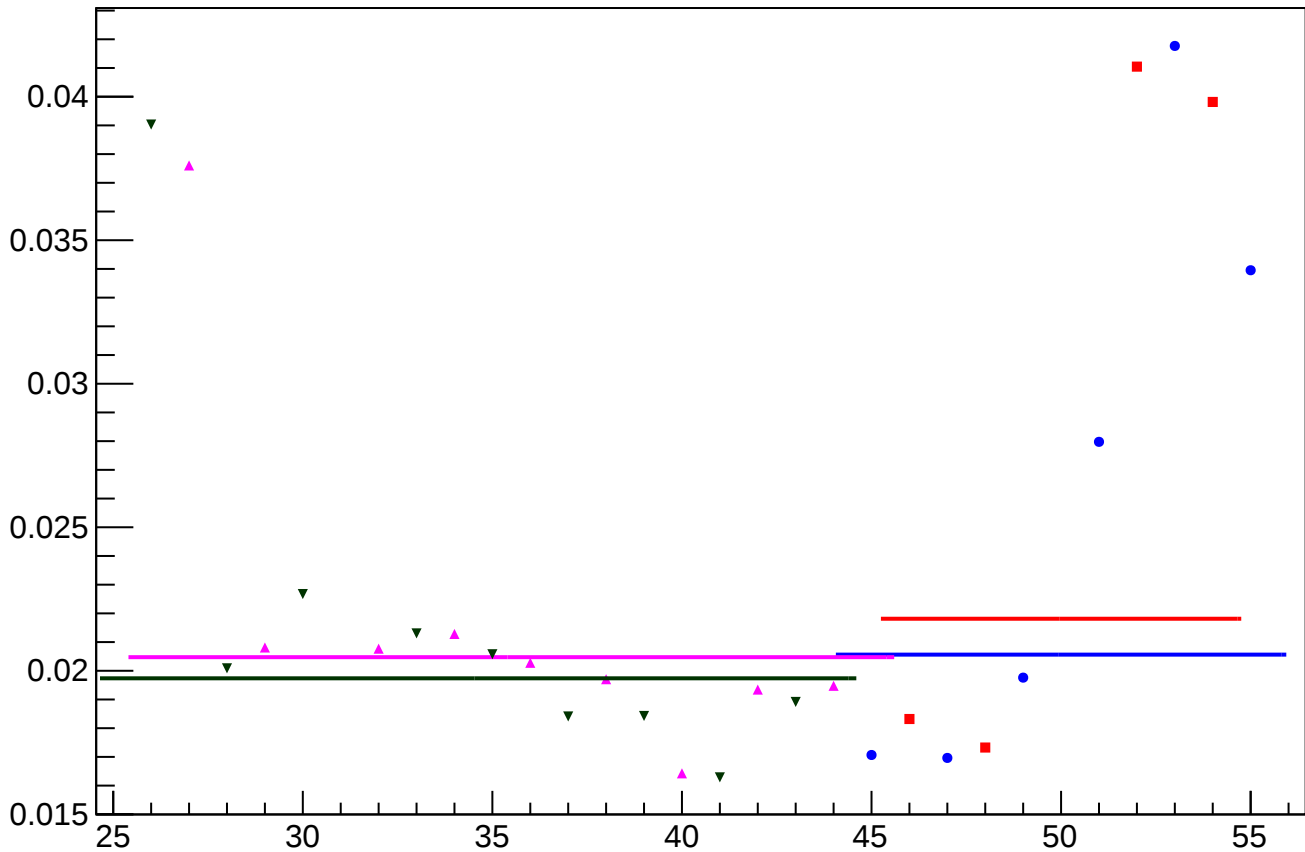
Right Out: 5.495+/-0.000 χ^2/NDF : 32690553.1/3

Left In: 7.339+/-0.000 χ^2/NDF : 4002198010.6/8

6.578+/-0.000 χ^2/NDF : 14654416941.6/14

6.943+/-0.000 χ^2/NDF : 13031972384.3/12

yield_sam5_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 528991.7/5

Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

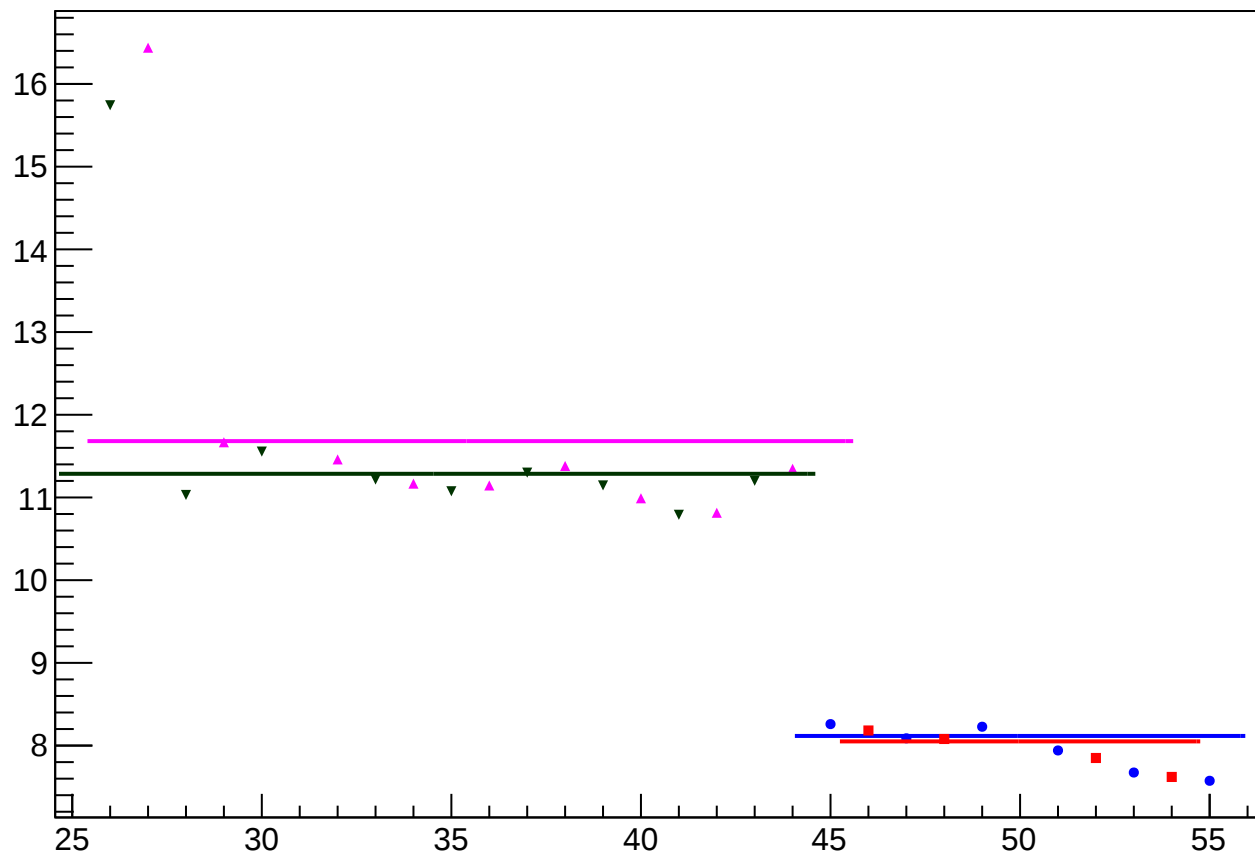
Right Out: 0.022+/-0.000 χ^2/NDF : 503496.2/3

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

0.020+/-0.000 χ^2/NDF : 855554.5/14

0.021+/-0.000 χ^2/NDF : 893323.2/12

yield_sam6_mean vs slug



Right In: 8.116+/-0.000 χ^2/NDF : 25971688.9/5

Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

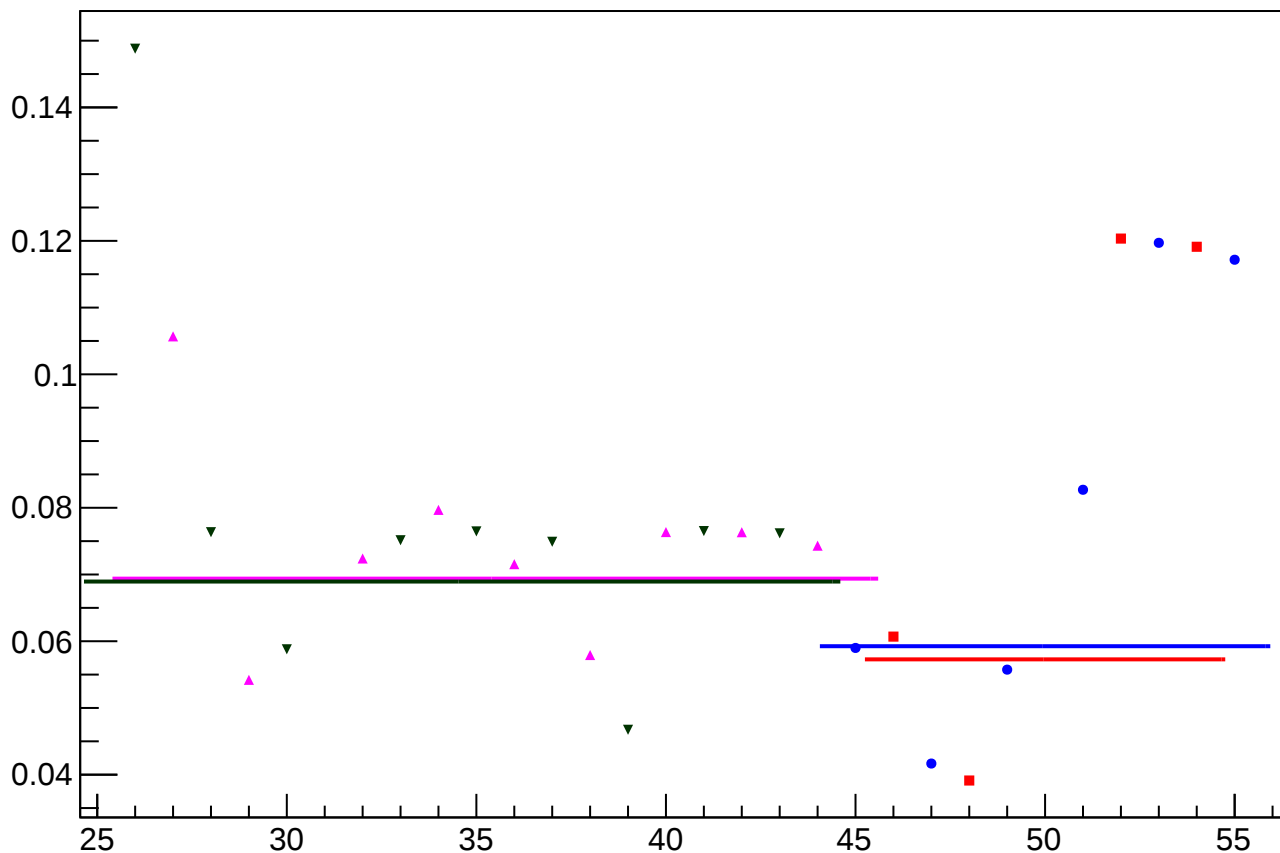
Right Out: 8.051+/-0.000 χ^2/NDF : 10423620.7/3

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

9.775+/-0.000 χ^2/NDF : 4830695653.1/14

10.594+/-0.000 χ^2/NDF : 5947481863.8/12

yield_sam6_rms vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 725168.6/5

Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

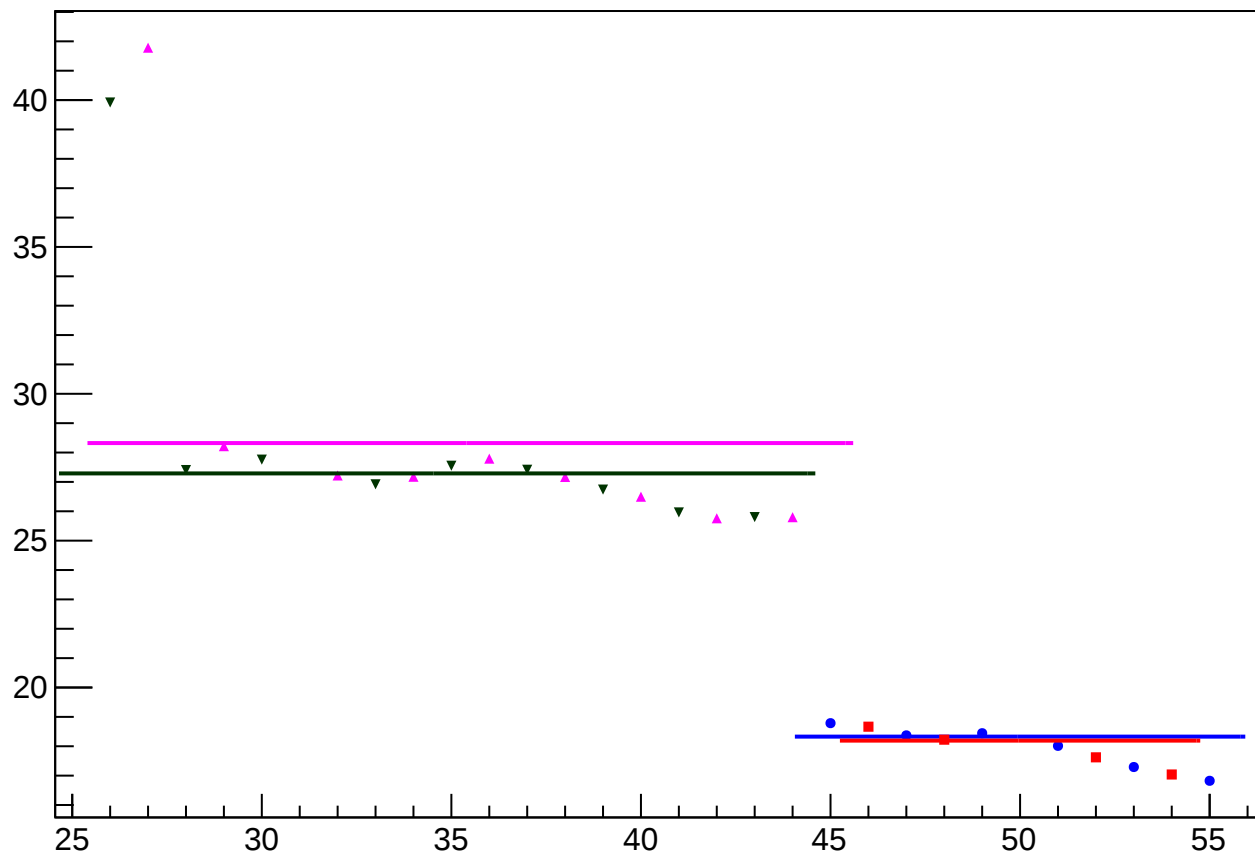
Right Out: 0.057+/-0.000 χ^2/NDF : 736201.2/3

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

0.064+/-0.000 χ^2/NDF : 1349780.9/14

0.066+/-0.000 χ^2/NDF : 1211701.8/12

yield_sam7_mean vs slug



Right In: 18.328+/-0.000 χ^2/NDF : 96198567.3/5

Left Out: 27.289+/-0.000 χ^2/NDF :1982133147.3/8

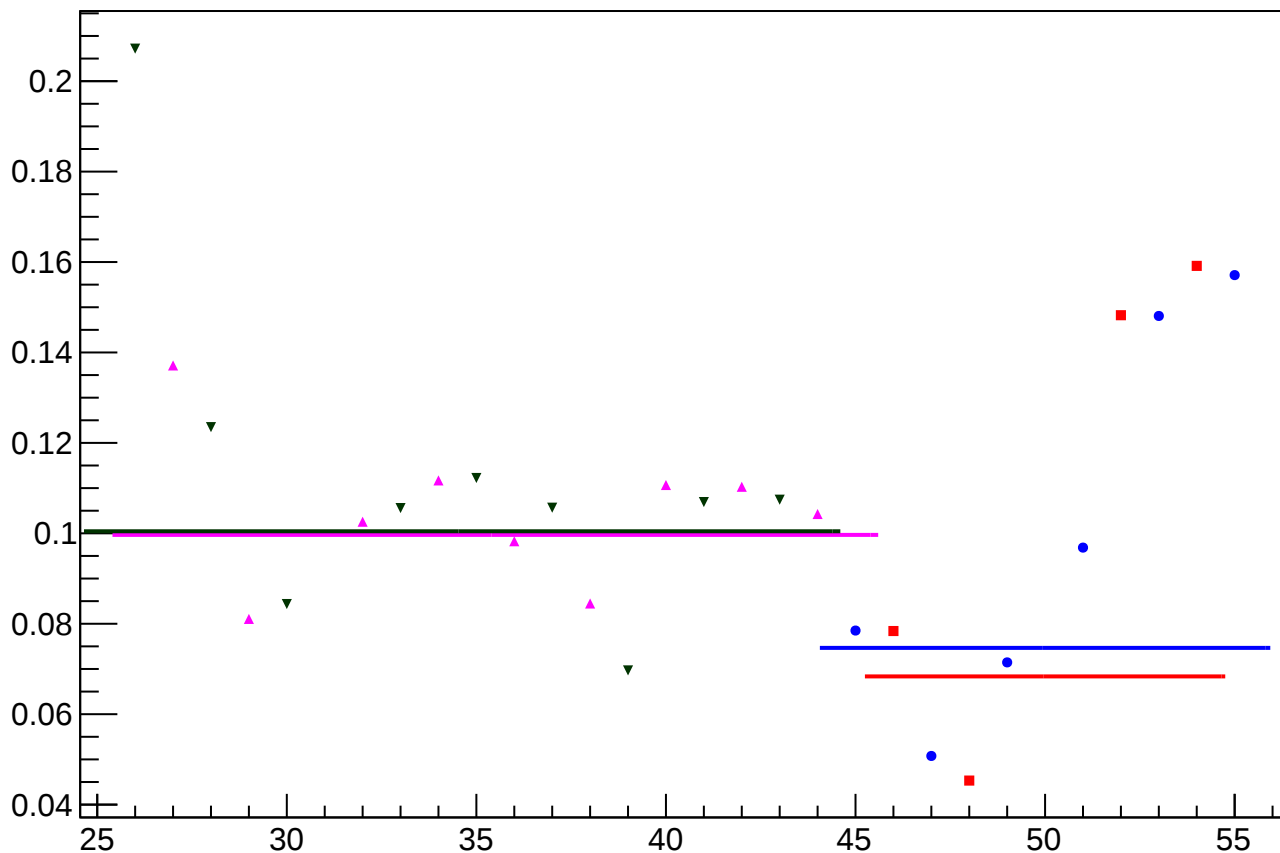
Right Out: 18.192+/-0.000 χ^2/NDF : 50666398.5/3

Left In: 28.322+/-0.000 χ^2/NDF :8116600744.9/8

22.385+/-0.000 χ^2/NDF : 20630944972.2/14

24.549+/-0.000 χ^2/NDF : 27650712407.0/12

yield_sam7_rms vs slug



Right In: 0.075 $\pm$ 0.000 χ^2/NDF : 764094.1/5

Left Out: 0.100 $\pm$ 0.000 χ^2/NDF : 510789.5/8

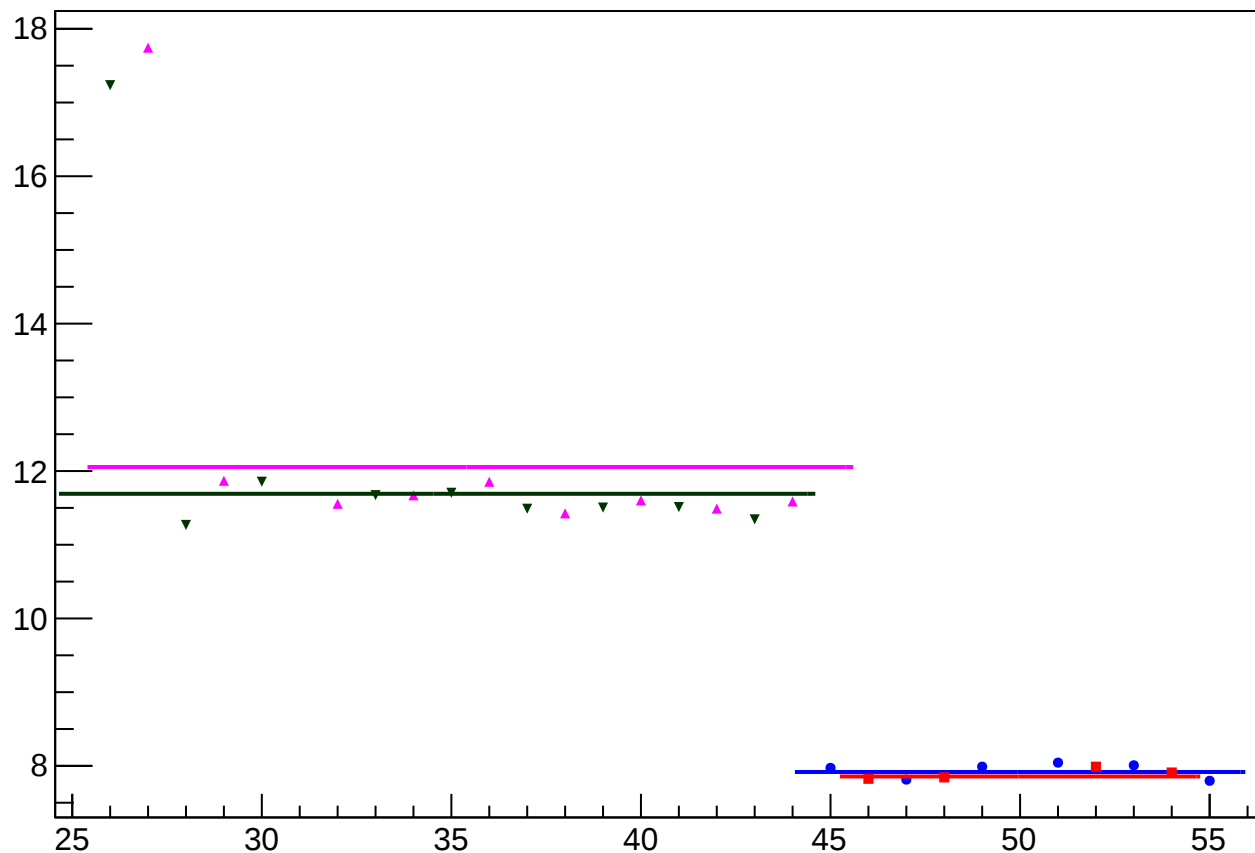
Right Out: 0.068 $\pm$ 0.000 χ^2/NDF : 860217.3/3

Left In: 0.100 $\pm$ 0.000 χ^2/NDF : 255423.8/8

0.086 $\pm$ 0.000 χ^2/NDF : 1582162.8/14

0.088 $\pm$ 0.000 χ^2/NDF : 1487586.3/12

yield_sam8_mean vs slug



Right In: 7.917 $\pm$ 0.000 χ^2 /NDF: 17834888.3/5

Left Out: 11.692 $\pm$ 0.000 χ^2 /NDF:1573980124.5/8

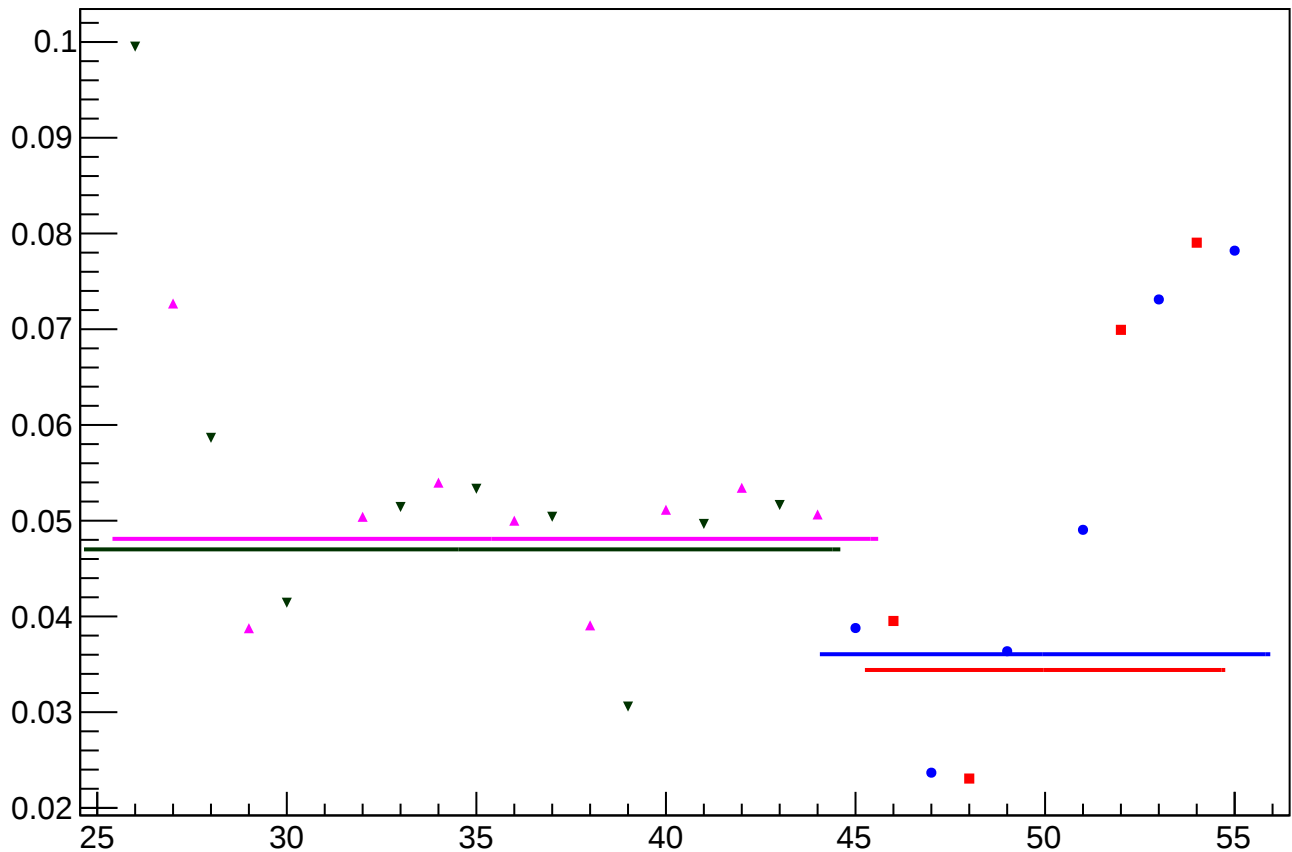
Right Out: 7.856 $\pm$ 0.000 χ^2 /NDF: 2443620.0/3

Left In: 12.055 $\pm$ 0.000 χ^2 /NDF:5109211939.8/8

9.719 $\pm$ 0.000 χ^2 /NDF: 16184935194.2/14

10.554 $\pm$ 0.000 χ^2 /NDF: 18964691084.2/12

yield_sam8_rms vs slug



Right In: 0.036+/-0.000 χ^2/NDF : 846260.5/5

Left Out: 0.047+/-0.000 χ^2/NDF : 613205.8/8

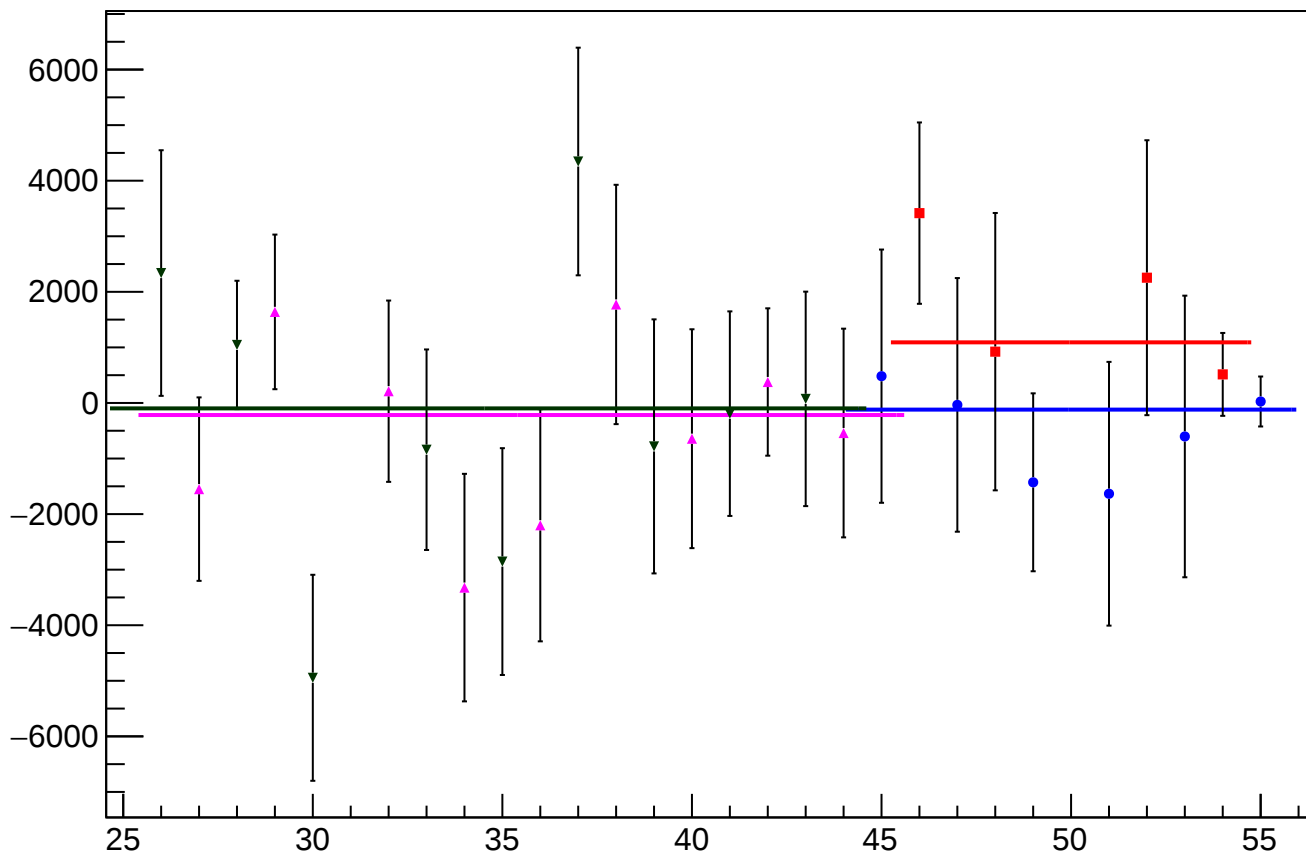
Right Out: 0.034+/-0.000 χ^2/NDF : 804733.9/3

Left In: 0.048+/-0.000 χ^2/NDF : 348771.4/8

0.041+/-0.000 χ^2/NDF : 1705170.6/14

0.043+/-0.000 χ^2/NDF : 1448353.9/12

cor_sam1_mean vs slug



Right In: -119.639 ± 406.382 $\chi^2/\text{NDF}: 1.3/5$

Left Out: -97.646 ± 599.085 $\chi^2/\text{NDF}: 15.8/8$

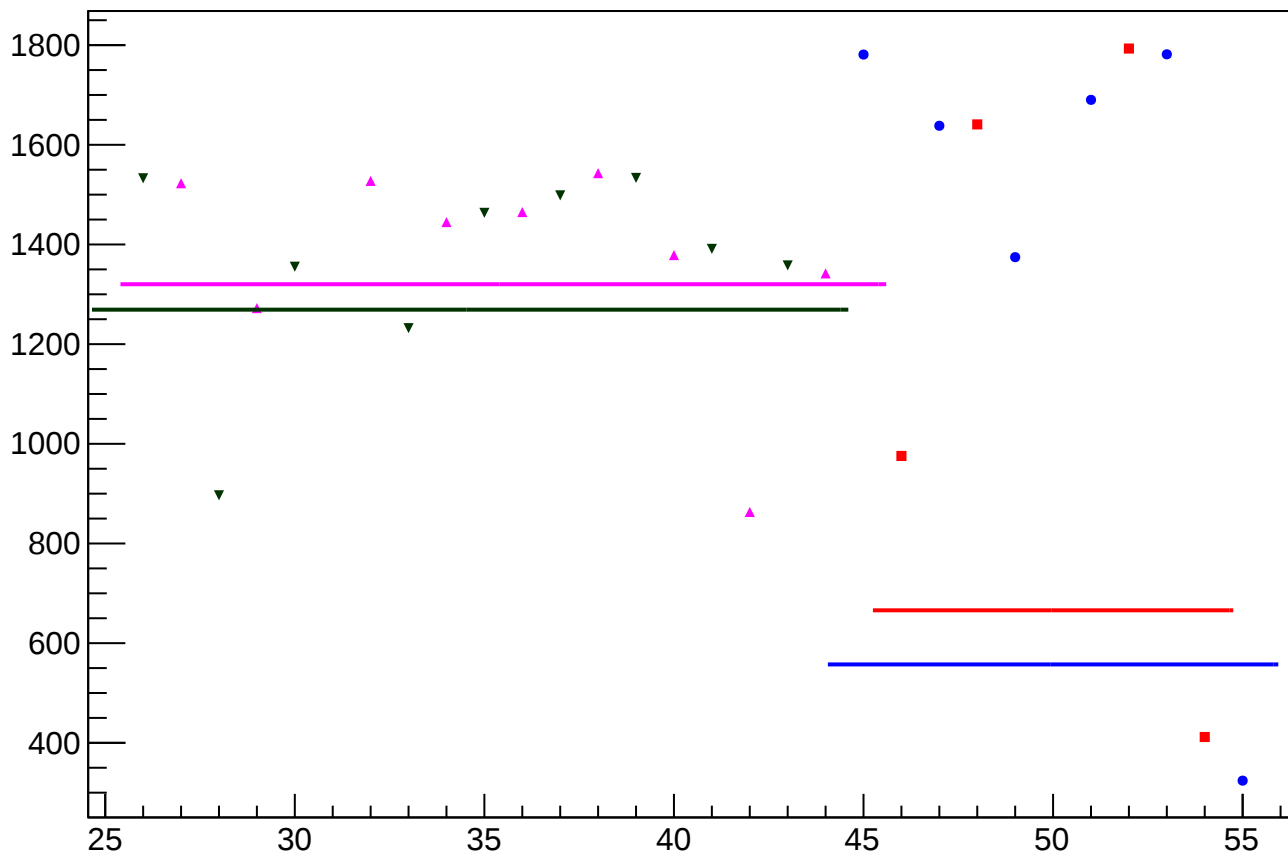
Right Out: 1090.776 ± 632.800 $\chi^2/\text{NDF}: 2.9/3$

Left In: -216.993 ± 572.356 $\chi^2/\text{NDF}: 6.8/8$

-112.708 ± 336.308 $\chi^2/\text{NDF}: 17.1/14$

371.466 ± 424.482 $\chi^2/\text{NDF}: 12.0/12$

cor_sam1_rms vs slug



Right In: 557.347+/-0.287 χ^2/NDF : 3006952.6/5

Left Out: 1269.198+/-0.424 χ^2/NDF :324708.5/8

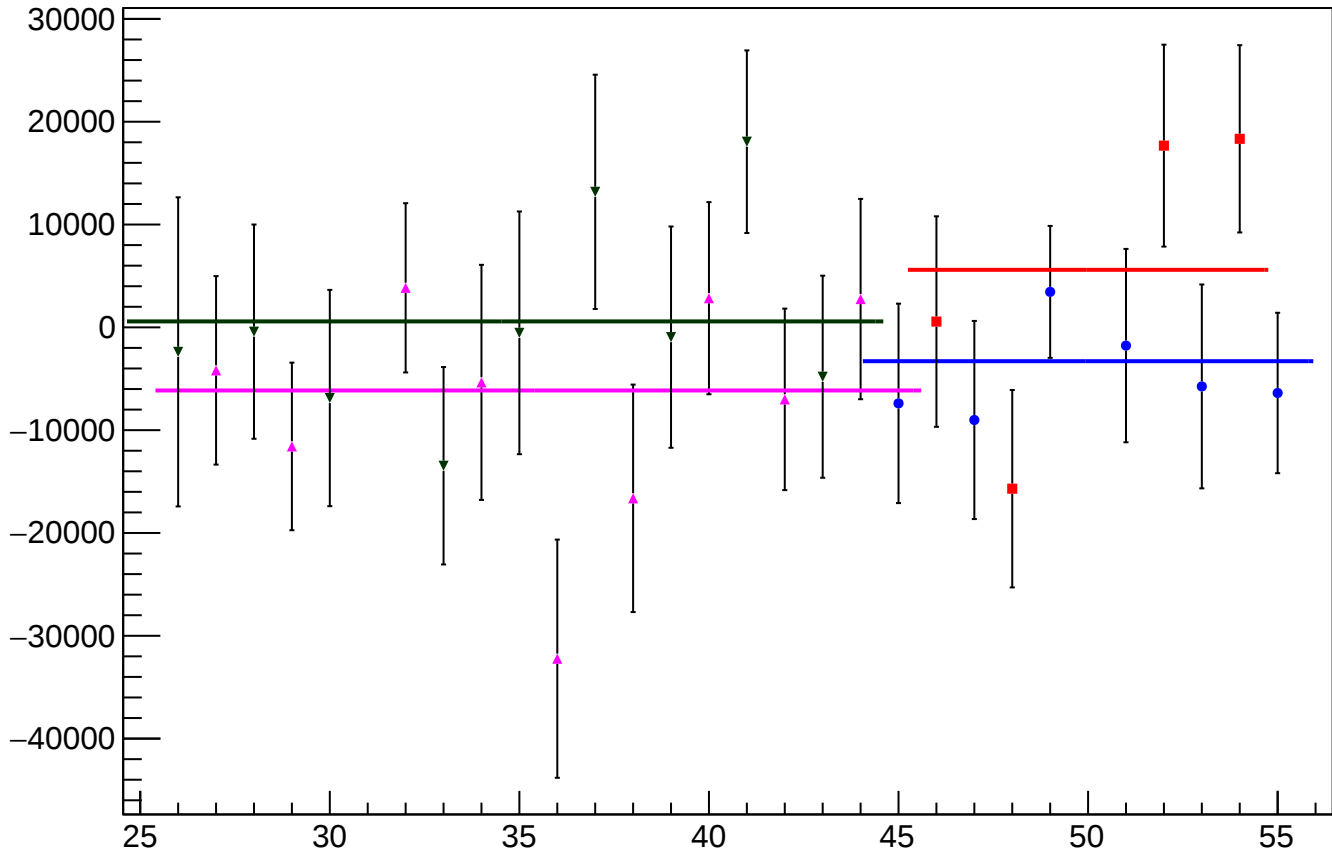
Right Out: 665.919+/-0.447 χ^2/NDF : 1024868.0/3

Left In: 1320.225+/-0.405 χ^2/NDF :342760.5/8

781.676+/-0.238 χ^2/NDF : 5265566.2/14

1025.806+/-0.300 χ^2/NDF : 2543729.1/12

cor_sam2_mean vs slug



Right In: -3292.047+/-3458.525 χ^2/NDF : 1.9/5

Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

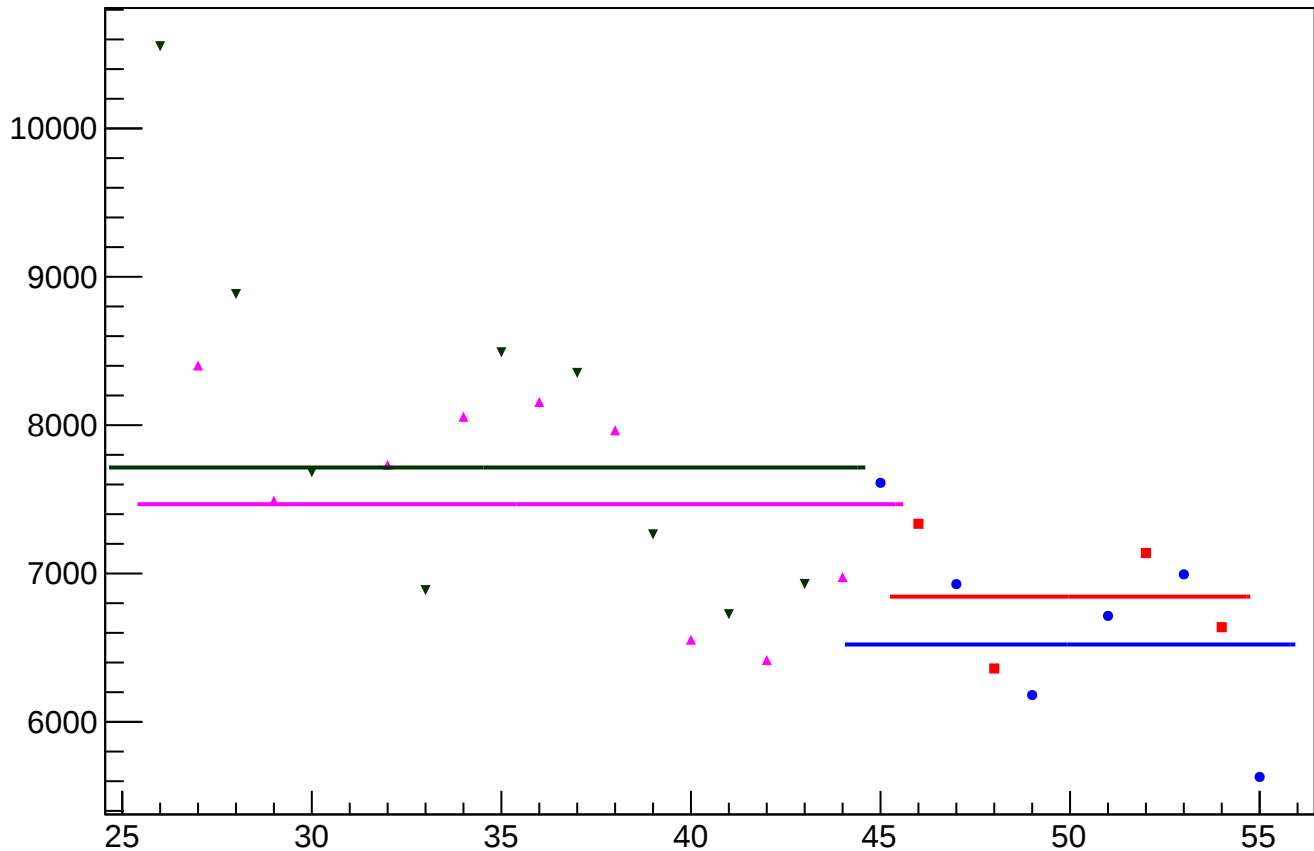
Right Out: 5594.537+/-4832.943 χ^2/NDF : 8.6/3

Left In: -6139.136+/-3165.220 χ^2/NDF : 9.7/8

-1399.107+/-2471.714 χ^2/NDF : 10.6/14

-2616.985+/-2647.882 χ^2/NDF : 22.5/12

cor_sam2_rms vs slug



Right In: 6521.629+/-2.446 χ^2/NDF : 66053.4/5

Left Out: 7714.631+/-2.499 χ^2/NDF :167394.8/8

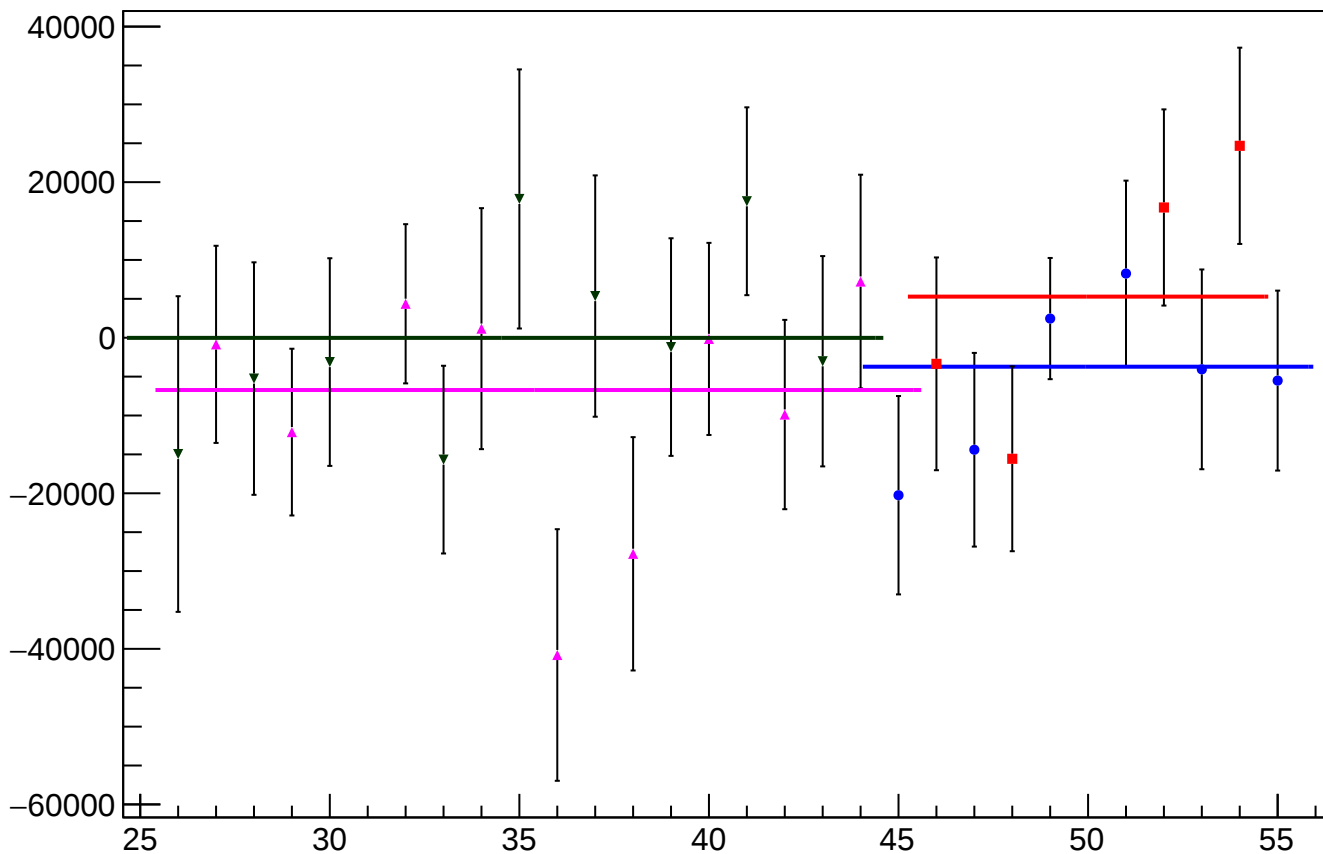
Right Out: 6844.222+/-3.417 χ^2/NDF : 12504.7/3

Left In: 7467.205+/-2.238 χ^2/NDF :91846.7/8

7105.296+/-1.748 χ^2/NDF : 349875.7/14

7280.201+/-1.872 χ^2/NDF : 127608.2/12

cor_sam3_mean vs slug



Right In: -3726.413 ± 4489.449 χ^2/NDF : 4.1/5

Left Out: -18.907 ± 4736.066 χ^2/NDF : 5.8/8

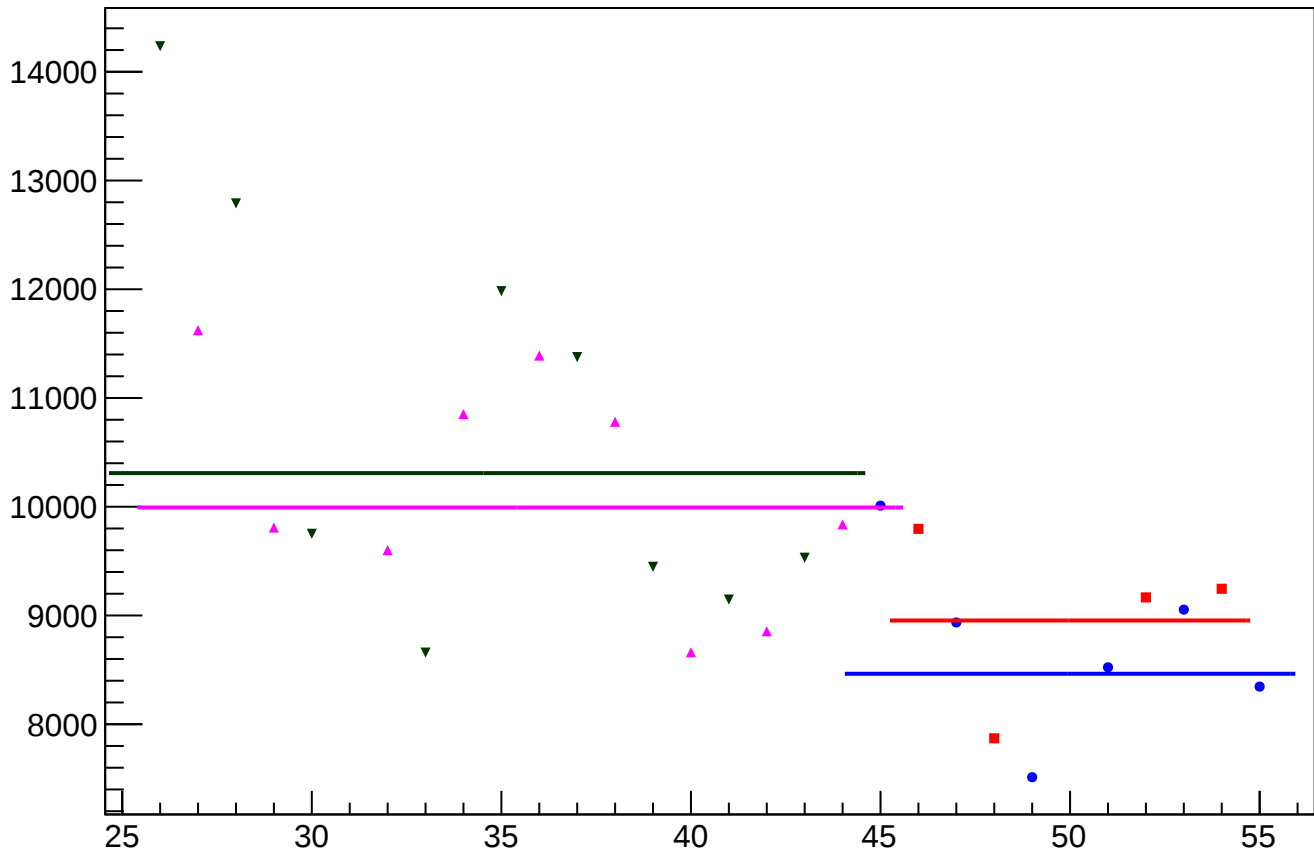
Right Out: 5284.710 ± 6325.061 χ^2/NDF : 6.7/3

Left In: -6722.901 ± 4244.094 χ^2/NDF : 9.7/8

-1971.699 ± 3258.217 χ^2/NDF : 10.2/14

-2995.051 ± 3524.241 χ^2/NDF : 18.8/12

cor_sam3_rms vs slug



Right In: 8463.827+/-3.175 χ^2/NDF : 66538.8/5

Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

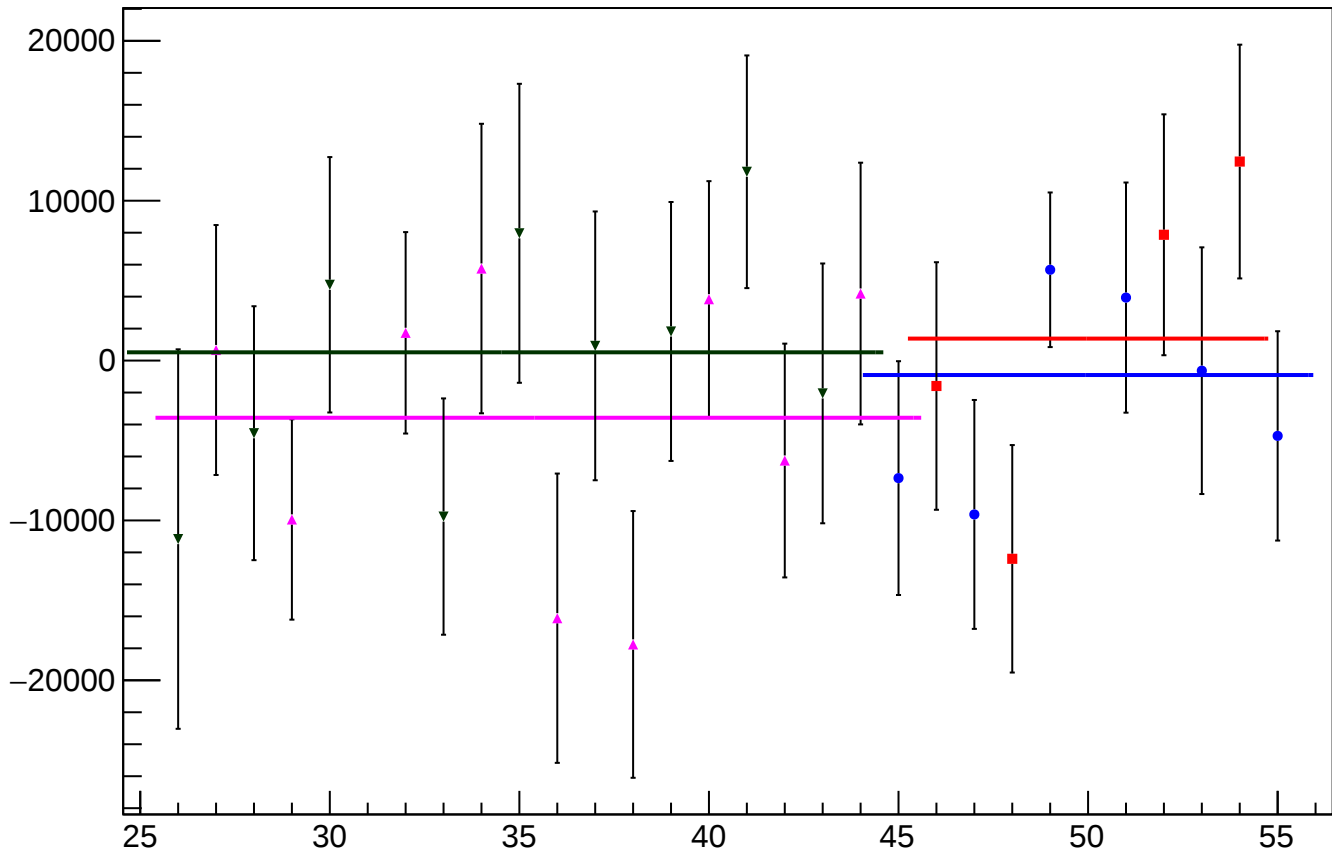
9337.296+/-2.304 χ^2/NDF : 459762.0/14

Right Out: 8953.931+/-4.472 χ^2/NDF : 25853.6/3

9670.494+/-2.492 χ^2/NDF : 167291.2/12

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: -903.800+/-2668.890 χ^2/NDF : 4.9/5

Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

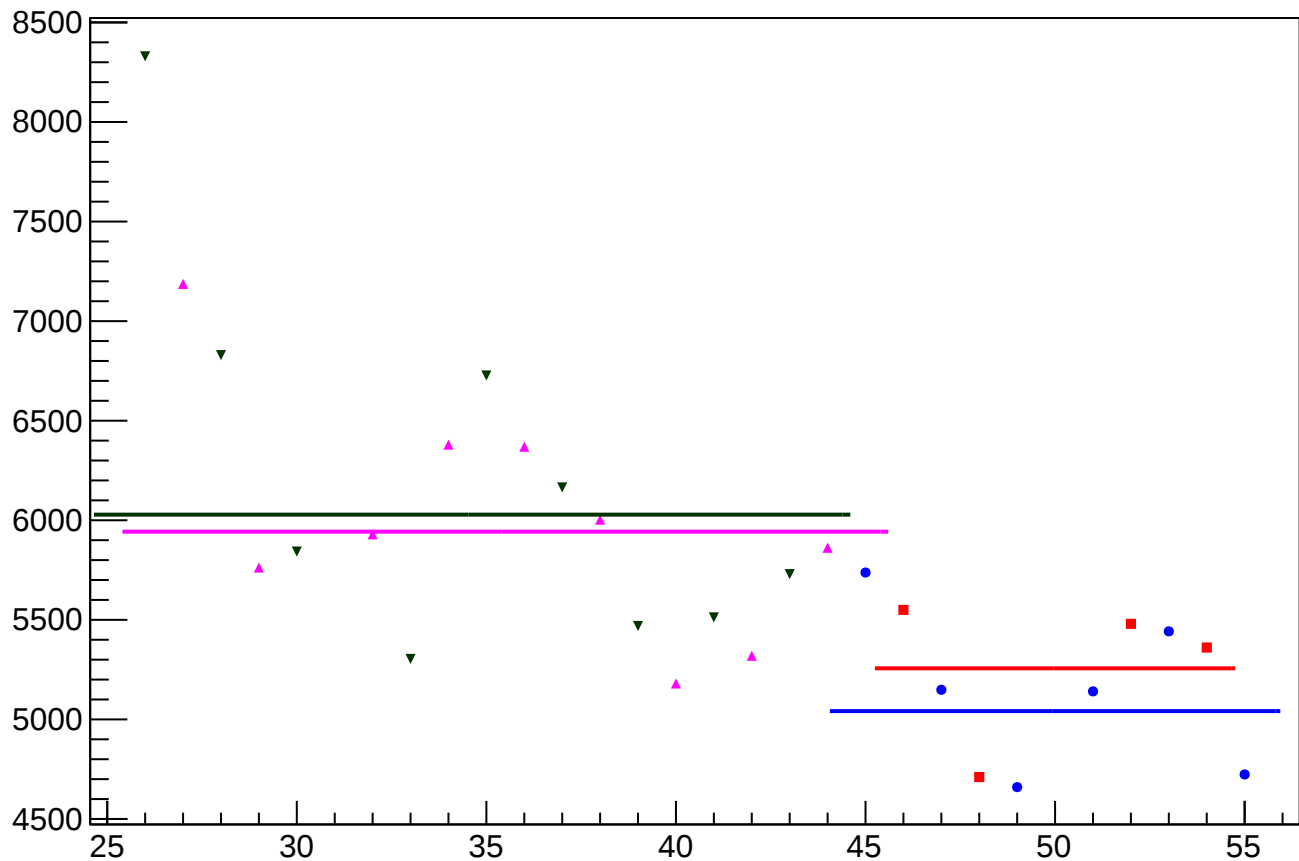
-216.007+/-1916.815 χ^2/NDF : 11.8/14

Right Out: 1374.762+/-3707.445 χ^2/NDF : 6.9/3

-2014.241+/-2082.859 χ^2/NDF : 18.1/12

Left In: -3577.200+/-2517.750 χ^2/NDF : 10.0/8

cor_sam4_rms vs slug



Right In: 5041.692+/-1.887 χ^2/NDF : 41504.5/5

Left Out: 6028.268+/-1.948 χ^2/NDF :149820.8/8

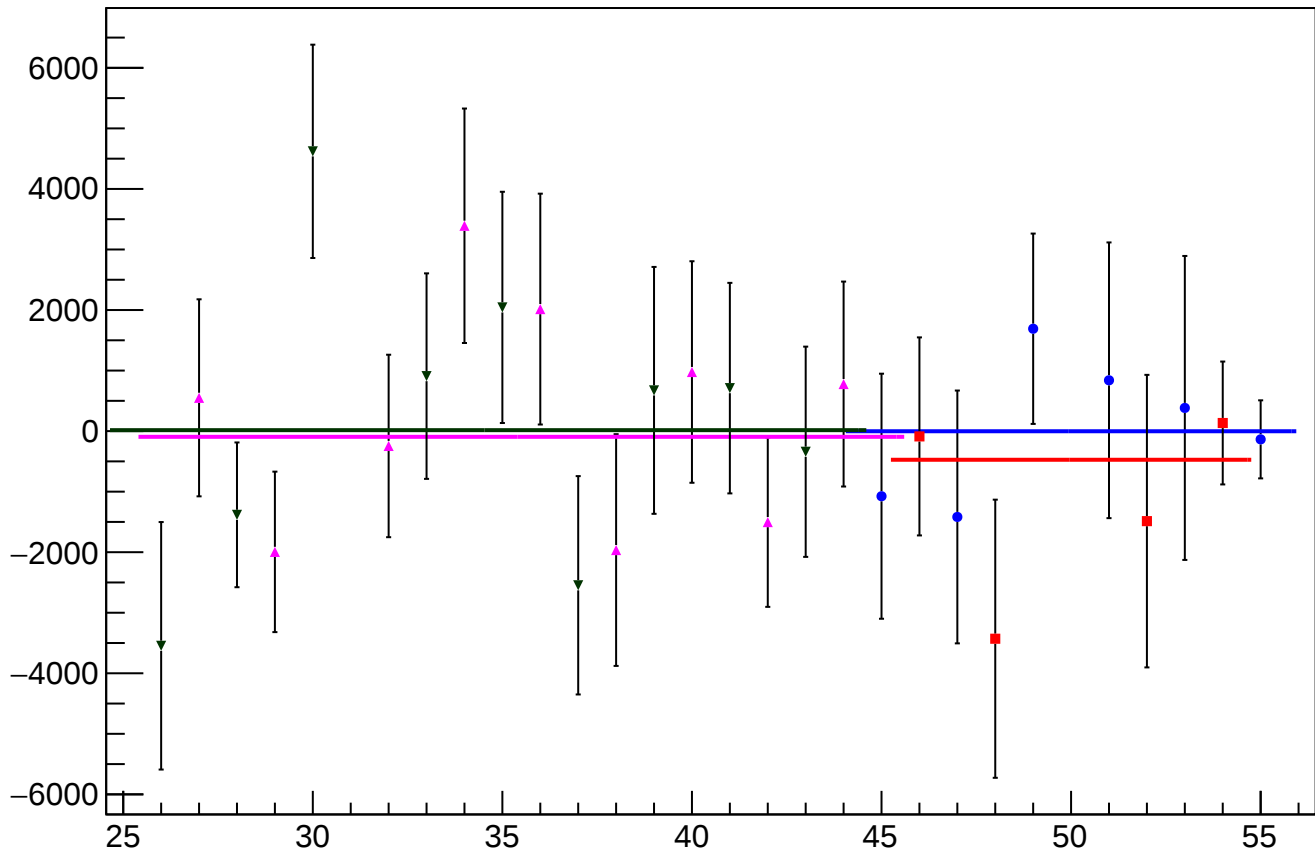
Right Out: 5256.515+/-2.622 χ^2/NDF : 16803.0/3

Left In: 5942.882+/-1.780 χ^2/NDF :97554.4/8

5519.371+/-1.355 χ^2/NDF : 323648.6/14

5726.248+/-1.473 χ^2/NDF : 161269.8/12

cor_sam5_mean vs slug



Right In: -2.365 ± 524.478 χ^2/NDF : 2.1/5

Left Out: 15.632 ± 568.606 χ^2/NDF : 15.0/8

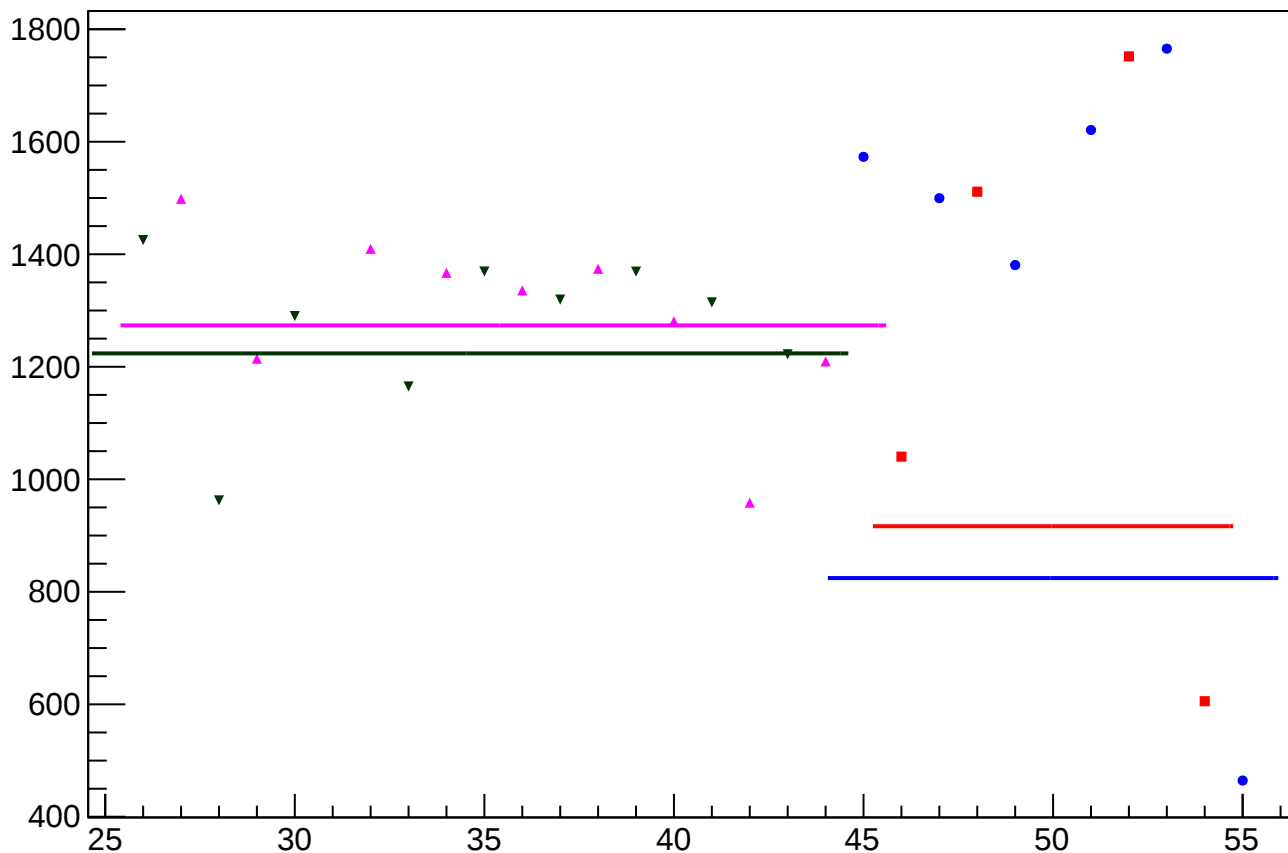
Right Out: -473.315 ± 765.706 χ^2/NDF : 2.2/3

Left In: -94.301 ± 545.541 χ^2/NDF : 9.3/8

5.908 ± 385.520 χ^2/NDF : 17.1/14

-221.915 ± 444.306 χ^2/NDF : 11.7/12

cor_sam5_rms vs slug



Right In: 824.436 $\pm$ 0.371 χ^2 /NDF: 1882214.0/5

Left Out: 1223.816 $\pm$ 0.402 χ^2 /NDF:153031.9/8

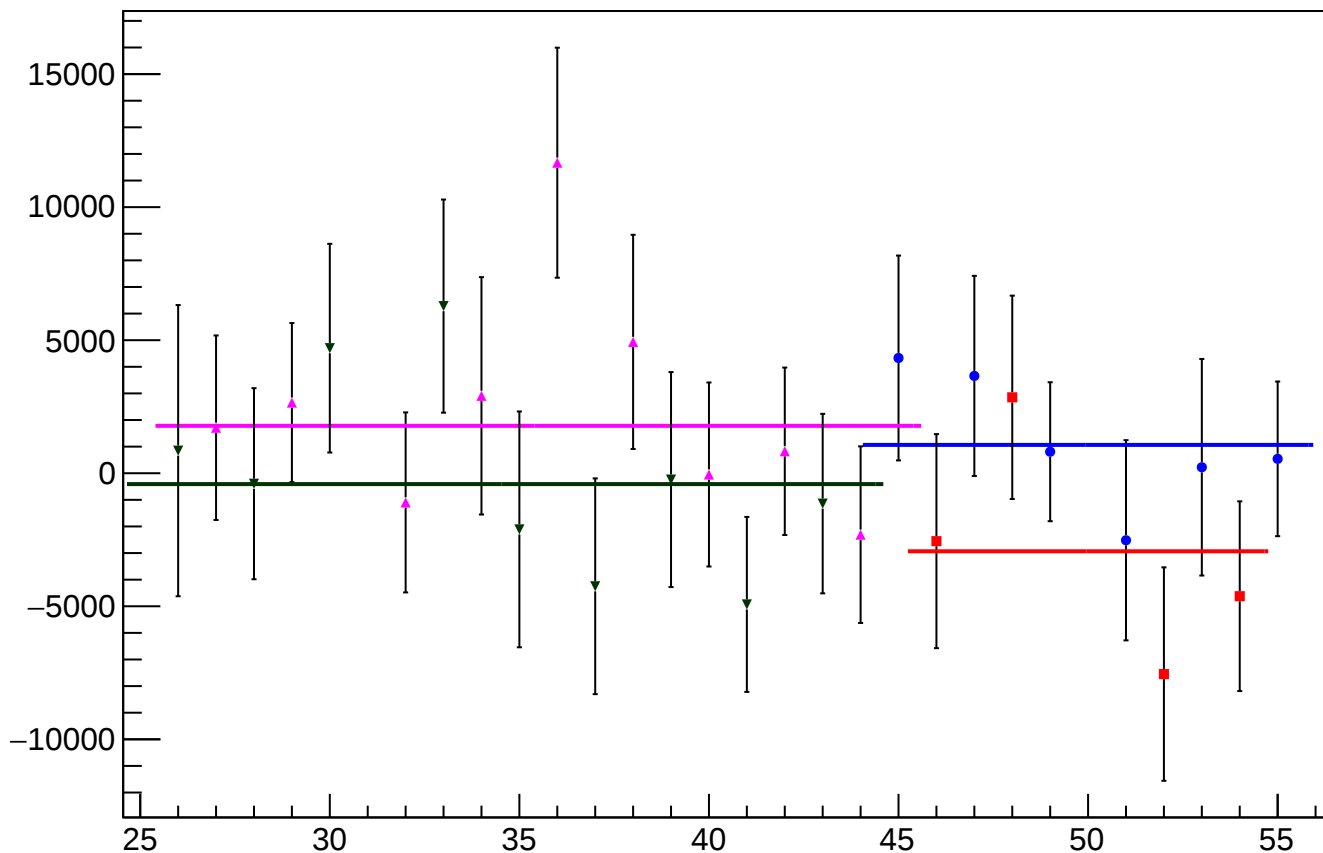
Right Out: 916.586 $\pm$ 0.541 χ^2 /NDF: 572204.1/3

Left In: 1273.545 $\pm$ 0.386 χ^2 /NDF:174989.1/8

1008.029 $\pm$ 0.273 χ^2 /NDF: 2568357.5/14

1153.358 $\pm$ 0.314 χ^2 /NDF: 1035500.0/12

cor_sam6_mean vs slug



Right In: 1064.724 $\pm$ 1368.107 χ^2 /NDF: 2.2/5

Left Out: -408.383 $\pm$ 1299.964 χ^2 /NDF: 7.5/8

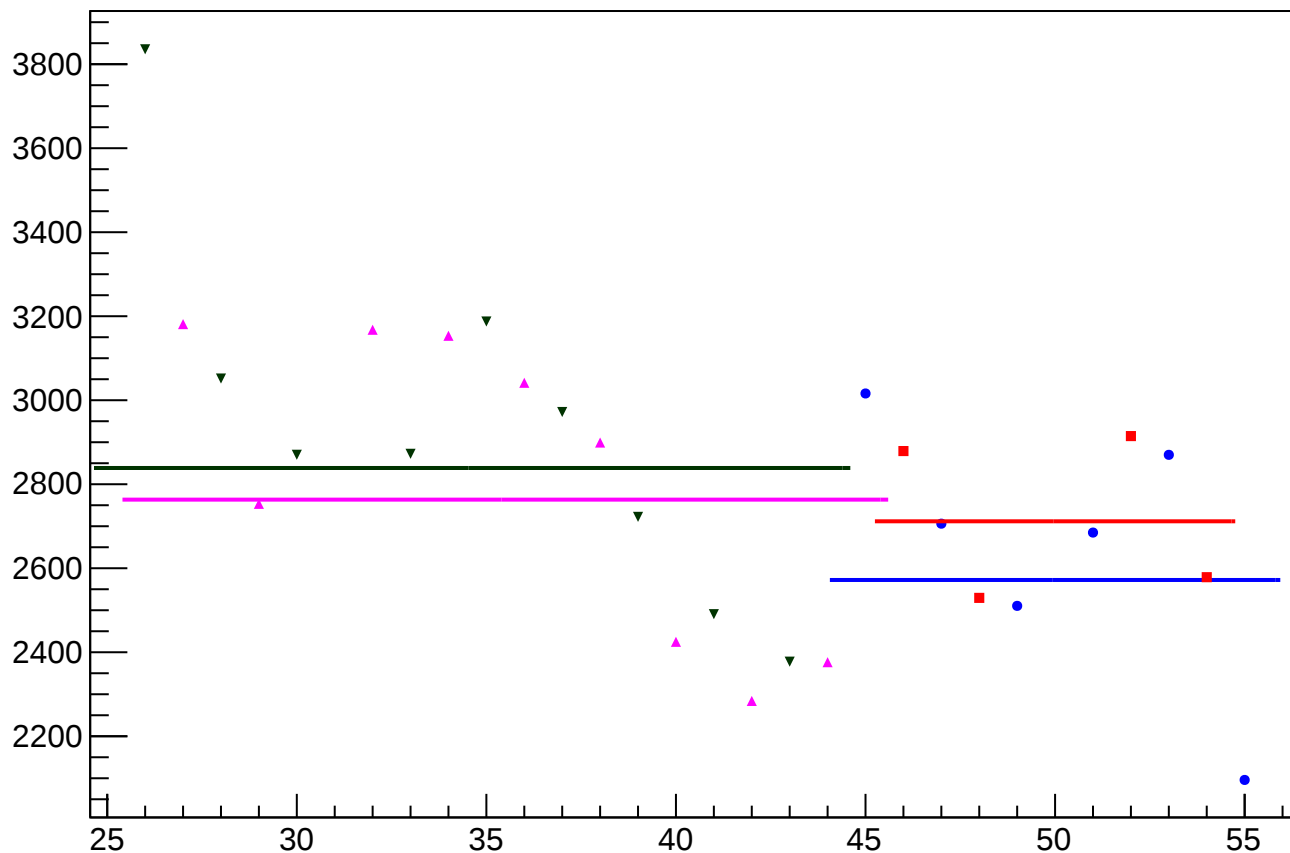
Right Out: -2933.005 $\pm$ 1920.551 χ^2 /NDF: 3.8/3

Left In: 1781.426 $\pm$ 1175.729 χ^2 /NDF: 8.6/8

290.572 $\pm$ 942.383 χ^2 /NDF: 10.3/14

496.250 $\pm$ 1002.749 χ^2 /NDF: 16.8/12

cor_sam6_rms vs slug



Right In: 2572.056+/-0.967 χ^2/NDF : 96448.2/5

Left Out: 2838.681+/-0.919 χ^2/NDF : 149660.0/8

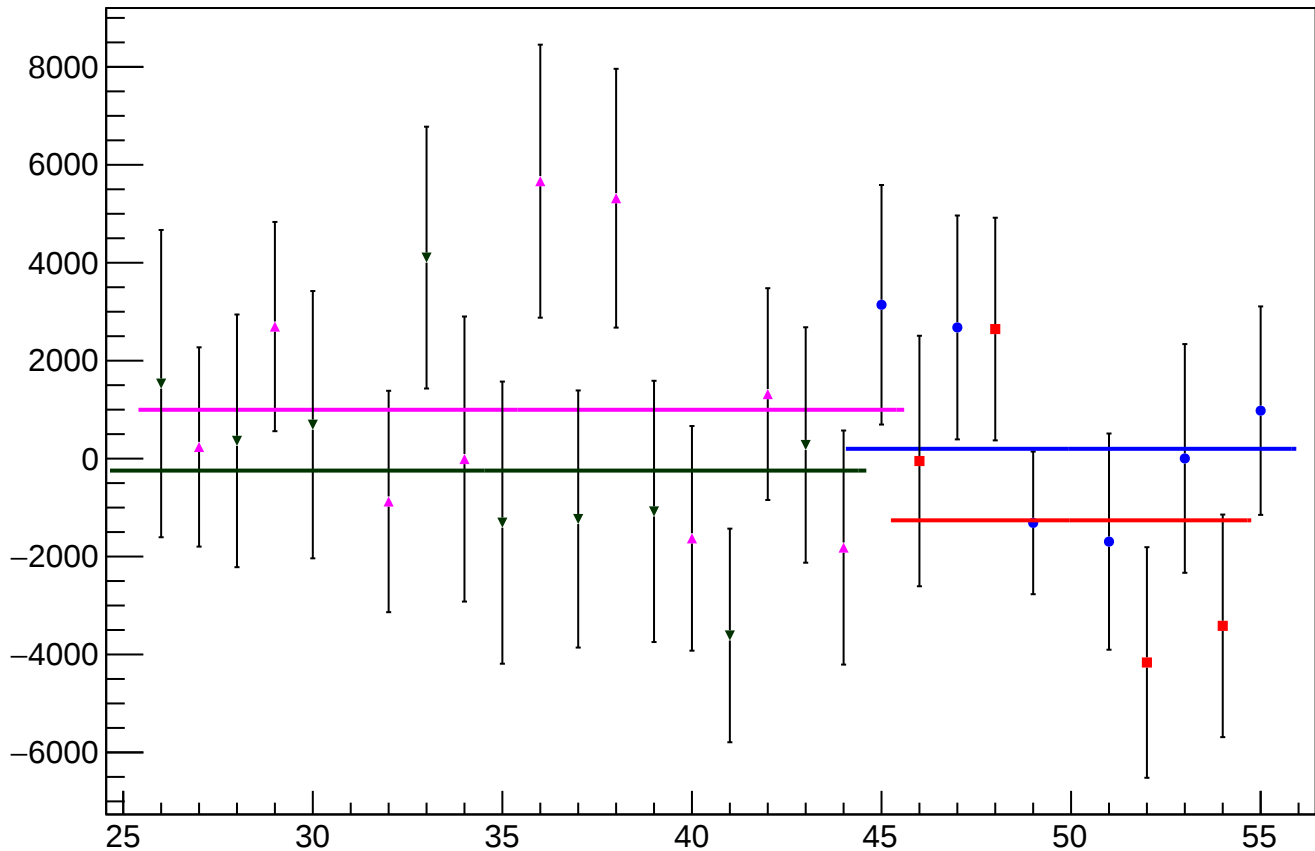
Right Out: 2711.752+/-1.358 χ^2/NDF : 15910.9/3

Left In: 2763.346+/-0.831 χ^2/NDF : 176297.5/8

2712.174+/-0.666 χ^2/NDF : 286027.6/14

2749.281+/-0.709 χ^2/NDF : 193258.3/12

cor_sam7_mean vs slug



Right In: 200.260 $\pm$ 833.618 χ^2 /NDF: 4.6/5

Left Out: -244.491 $\pm$ 871.961 χ^2 /NDF: 5.9/8

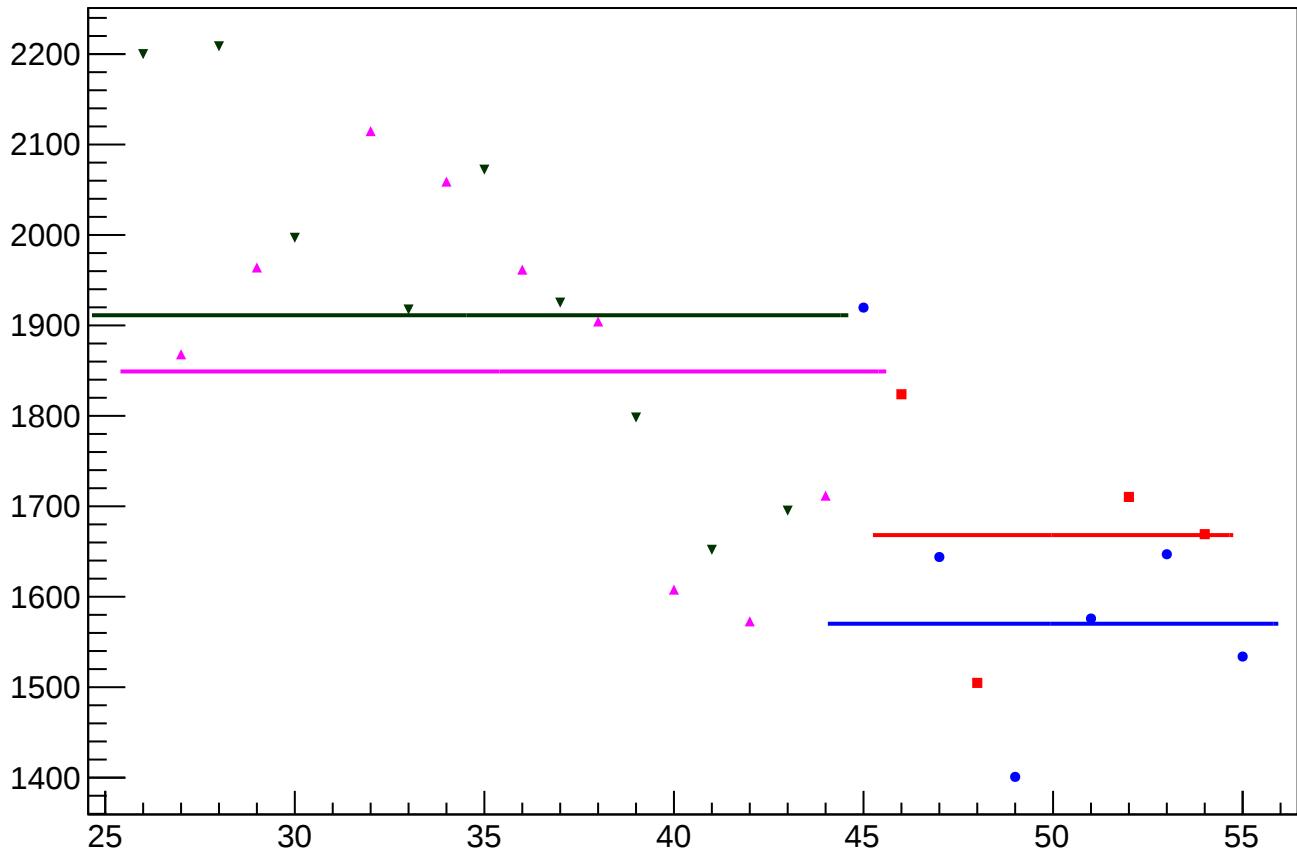
Right Out: -1260.311 $\pm$ 1178.326 χ^2 /NDF: 5.6/3

Left In: 997.335 $\pm$ 784.451 χ^2 /NDF: 9.8/8

-12.122 $\pm$ 602.556 χ^2 /NDF: 10.7/14

304.022 $\pm$ 652.984 χ^2 /NDF: 17.9/12

cor_sam7_rms vs slug



Right In: 1570.171+/-0.589 χ^2/NDF : 72706.6/5

Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

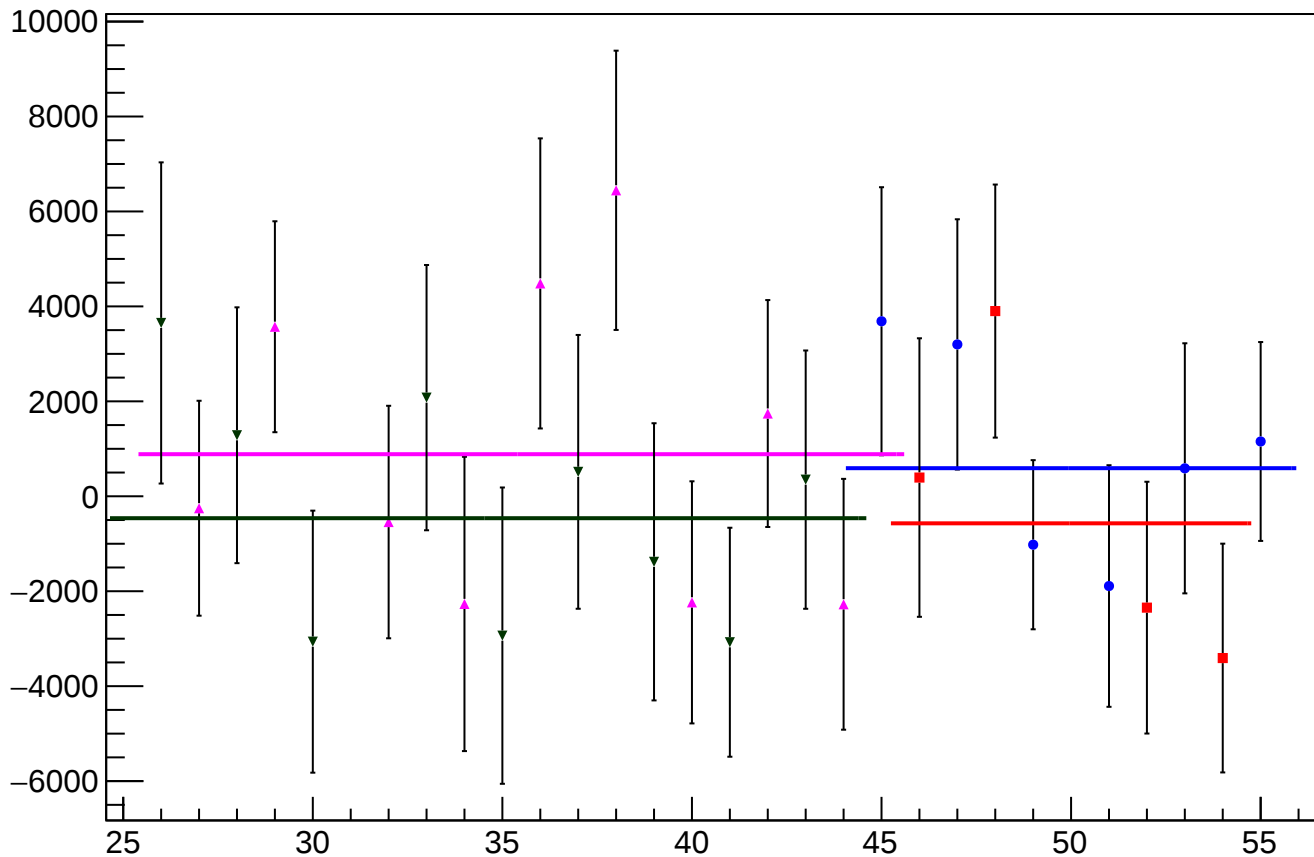
Right Out: 1668.169+/-0.833 χ^2/NDF : 18386.3/3

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

1733.046+/-0.426 χ^2/NDF : 332381.1/14

1793.538+/-0.462 χ^2/NDF : 160560.5/12

cor_sam8_mean vs slug



Right In: 591.807+/-948.758 χ^2/NDF : 4.0/5

Left Out: -461.681+/-939.996 χ^2/NDF : 5.7/8

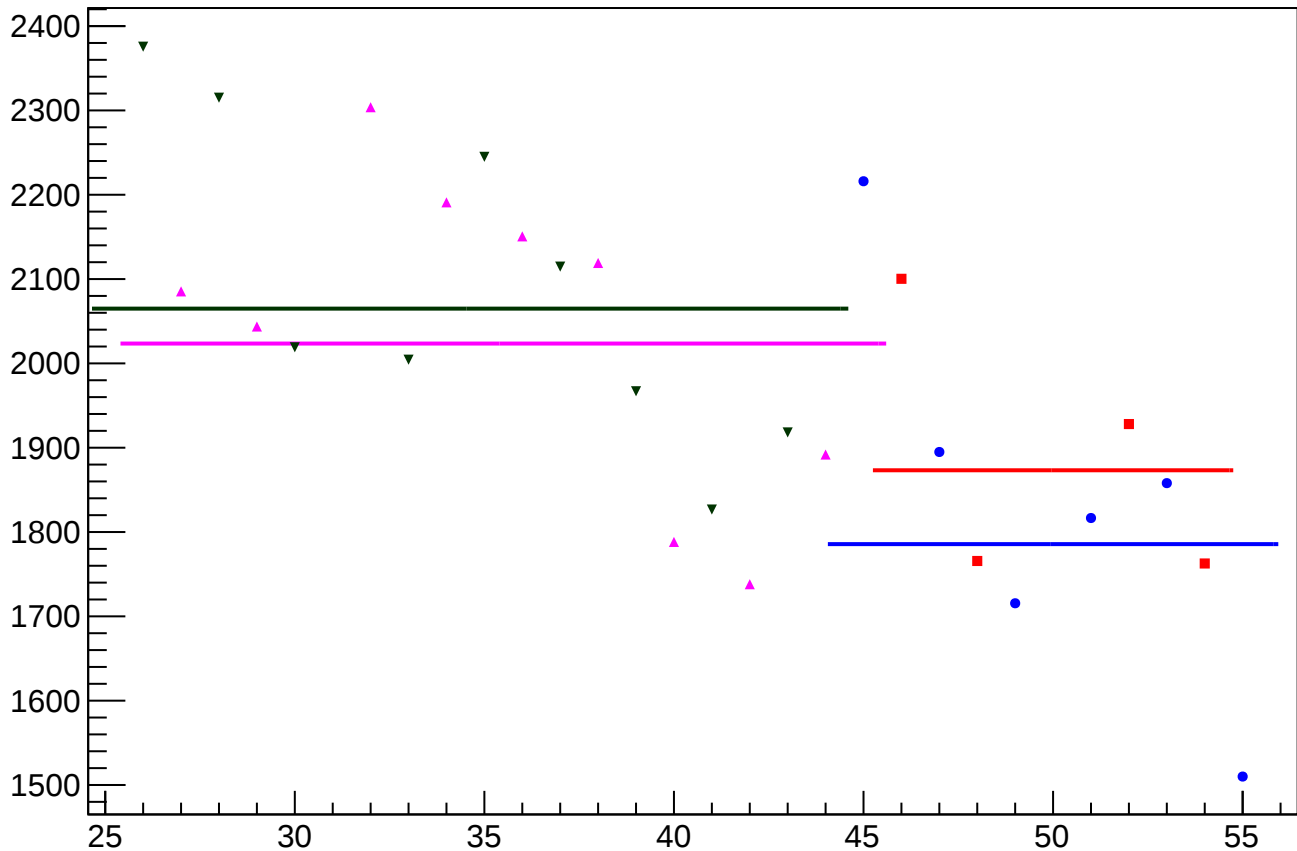
Right Out: -569.852+/-1322.948 χ^2/NDF : 4.8/3

Left In: 886.546+/-856.447 χ^2/NDF : 11.1/8

60.176+/-667.754 χ^2/NDF : 10.4/14

456.432+/-718.943 χ^2/NDF : 16.7/12

cor_sam8_rms vs slug



Right In: 1785.657 $\pm$ 0.671 χ^2 /NDF: 89448.2/5

Left Out: 2064.944 $\pm$ 0.665 χ^2 /NDF: 70444.9/8

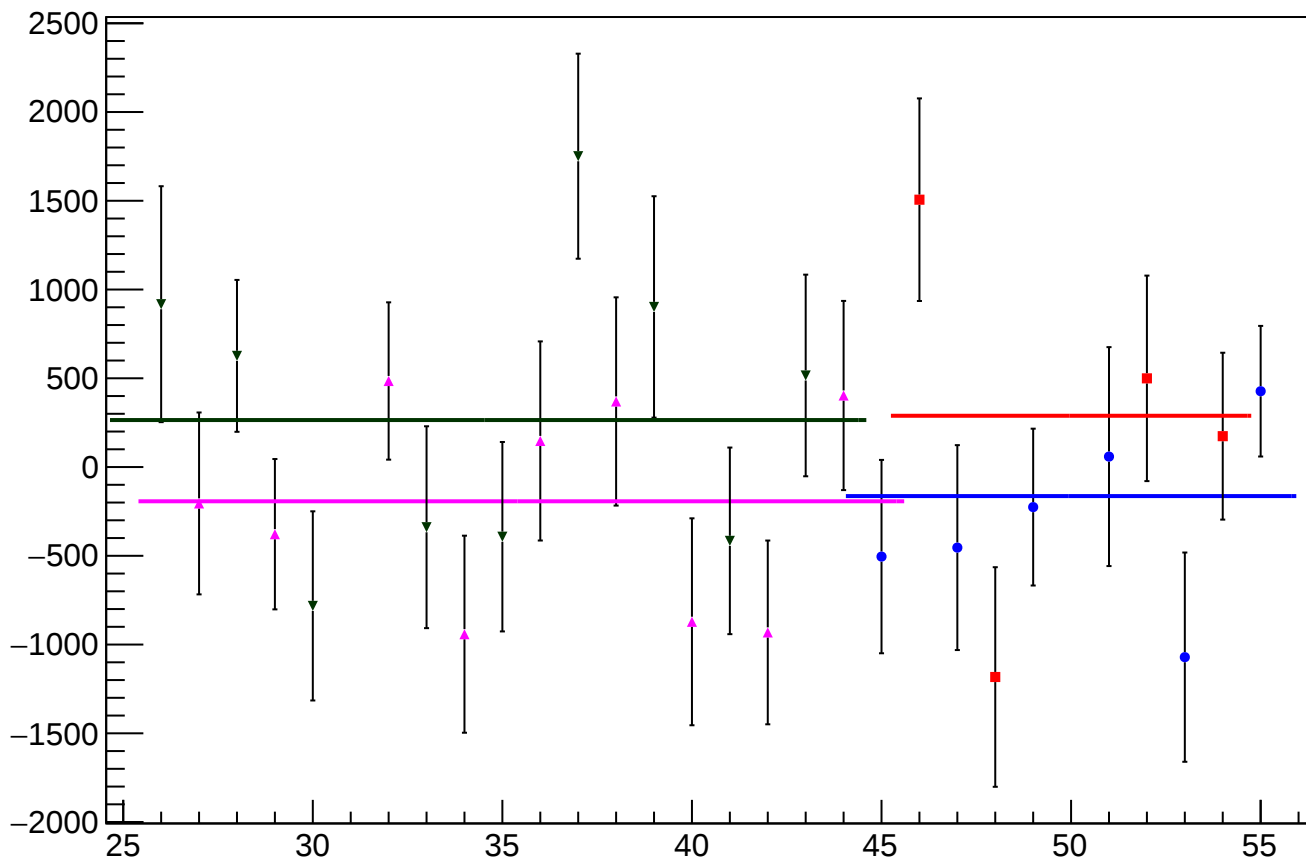
Right Out: 1873.234 $\pm$ 0.935 χ^2 /NDF: 20304.2/3

Left In: 2023.521 $\pm$ 0.606 χ^2 /NDF: 89774.9/8

1926.596 $\pm$ 0.472 χ^2 /NDF: 247351.1/14

1979.137 $\pm$ 0.508 χ^2 /NDF: 128266.8/12

reg_asym_sam1_mean vs slug



Right In: -163.585 $\pm$ 202.473 χ^2 /NDF: 5.7/5

Left Out: 264.755 $\pm$ 182.132 χ^2 /NDF:17.7/8

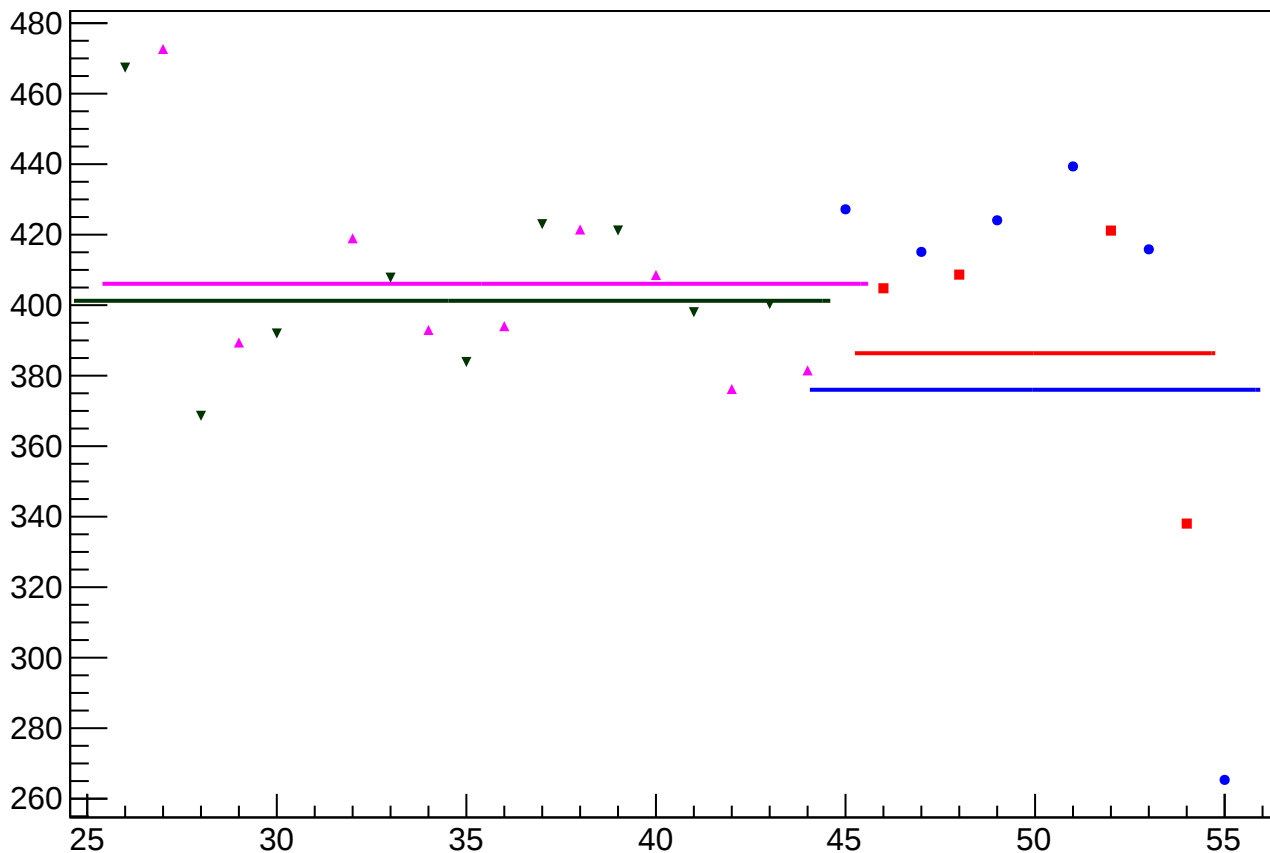
Right Out: 288.899 $\pm$ 275.281 χ^2 /NDF: 10.4/3

Left In: -192.929 $\pm$ 171.479 χ^2 /NDF:10.3/8

73.176 $\pm$ 135.409 χ^2 /NDF: 25.9/14

-58.231 $\pm$ 145.550 χ^2 /NDF: 22.9/12

reg_asym_sam1_rms vs slug



Right In: 376.001 $\pm$ 0.143 χ^2 /NDF: 261741.4/5

Left Out: 401.241 $\pm$ 0.129 χ^2 /NDF:39393.7/8

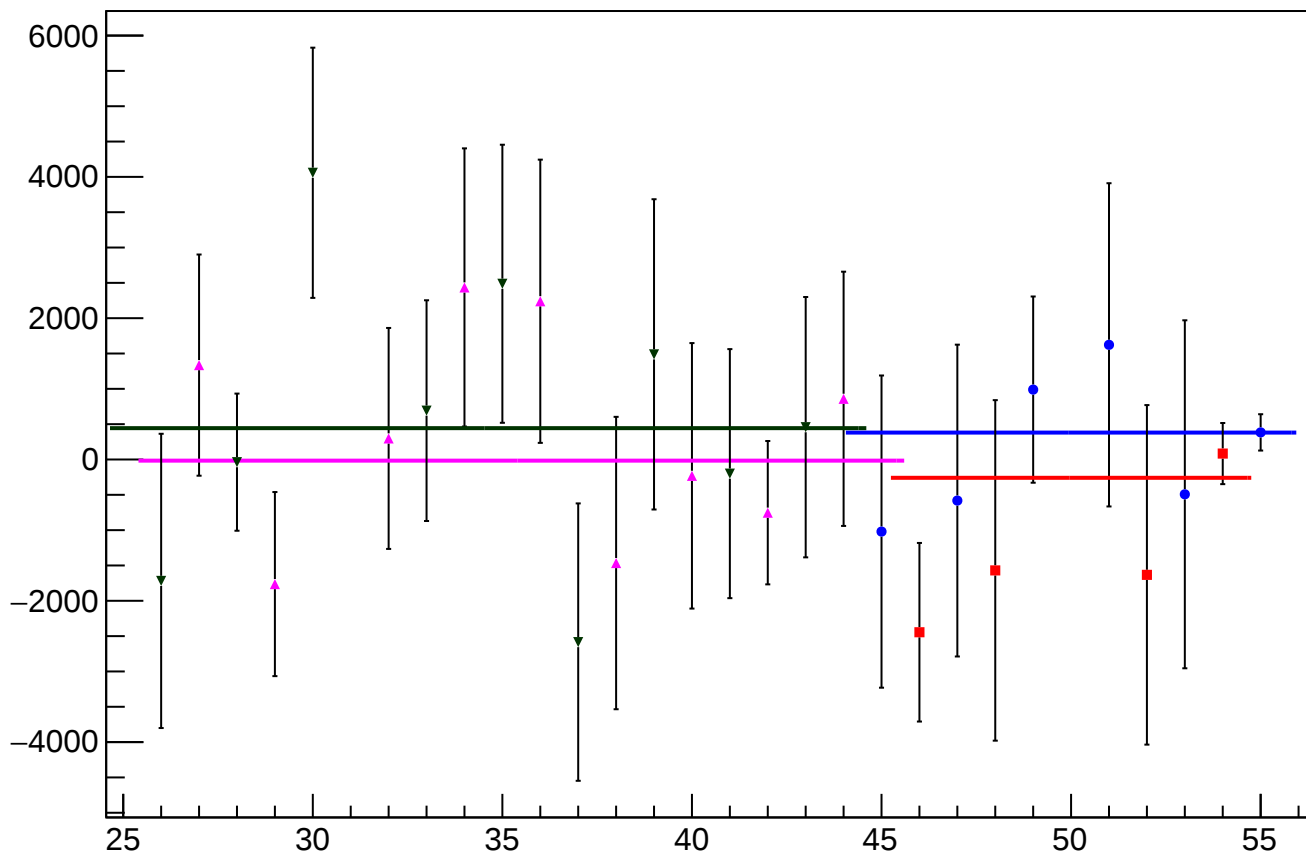
Right Out: 386.366 $\pm$ 0.195 χ^2 /NDF: 33049.1/3

Left In: 406.067 $\pm$ 0.121 χ^2 /NDF:52950.3/8

389.952 $\pm$ 0.096 χ^2 /NDF: 318313.4/14

400.560 $\pm$ 0.103 χ^2 /NDF: 93379.5/12

asym_sam1_correction_mean vs slug



Right In: 380.884 ± 246.416 χ^2/NDF : 1.2/5

Left Out: 443.599 ± 545.326 χ^2/NDF : 9.3/8

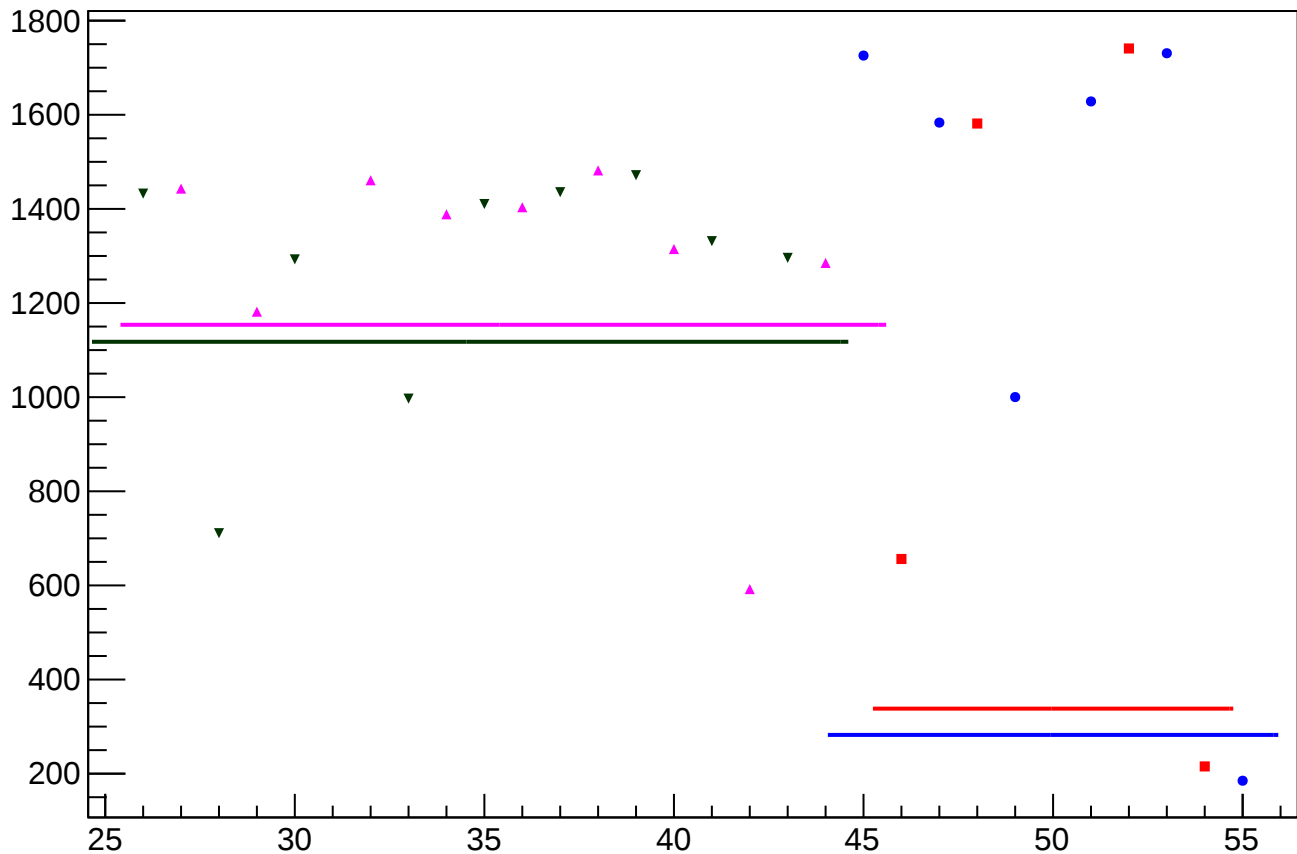
Right Out: -259.155 ± 398.003 χ^2/NDF : 4.2/3

Left In: -16.228 ± 519.142 χ^2/NDF : 6.7/8

391.518 ± 224.555 χ^2/NDF : 10.6/14

-169.228 ± 315.859 χ^2/NDF : 11.0/12

asym_sam1_correction_rms vs slug



Right In: 282.365 ± 0.174 χ^2/NDF : 3813168.0/5

Left Out: 1117.672 ± 0.386 χ^2/NDF : 625321.1/8

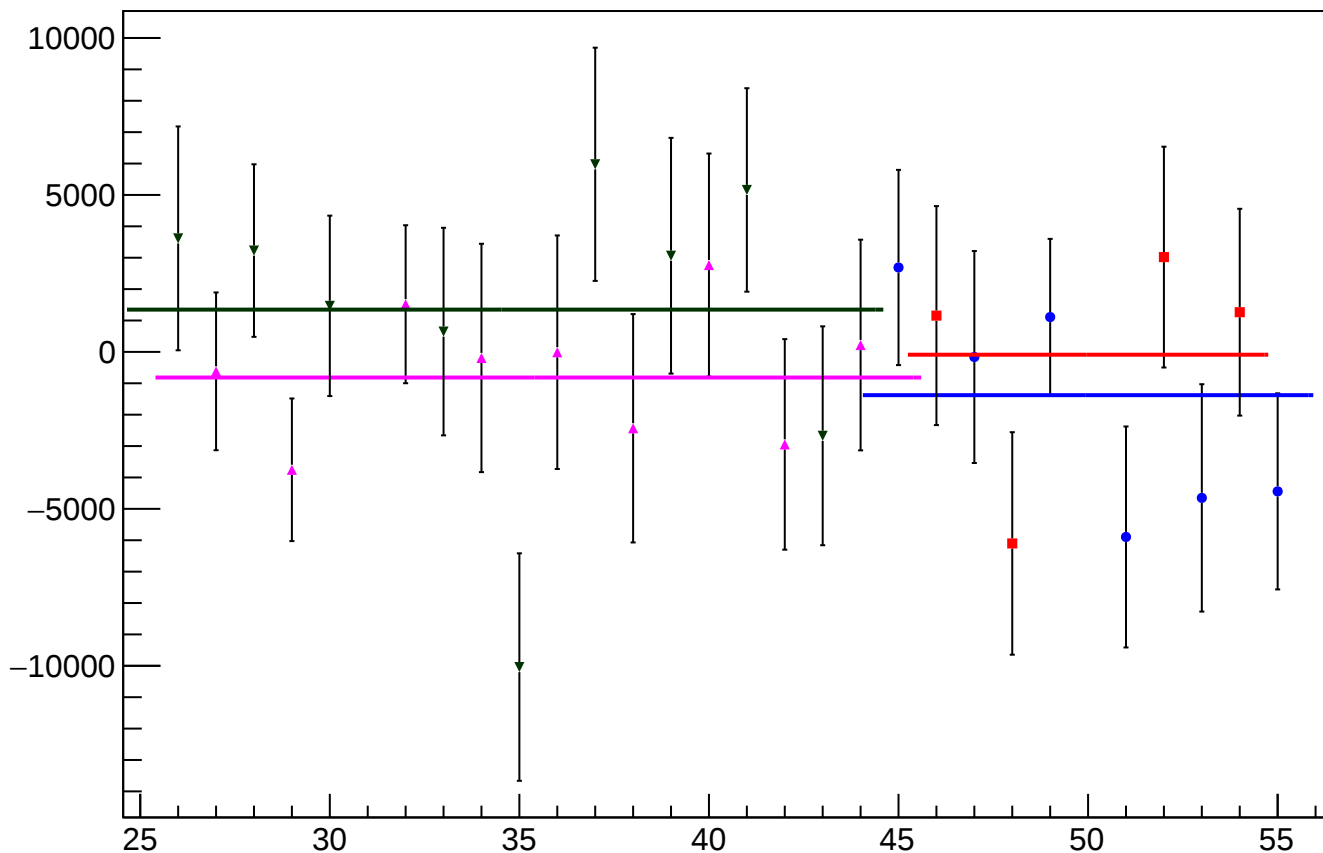
Right Out: 338.193 ± 0.281 χ^2/NDF : 1501560.4/3

Left In: 1153.785 ± 0.367 χ^2/NDF : 894423.1/8

424.003 ± 0.159 χ^2/NDF : 8335357.7/14

640.110 ± 0.223 χ^2/NDF : 5504970.9/12

reg_asym_sam2_mean vs slug



Right In: -1378.260+/-1278.433 χ^2/NDF : 6.3/5

Left Out: 1347.049+/-1103.859 χ^2/NDF :15.3/8

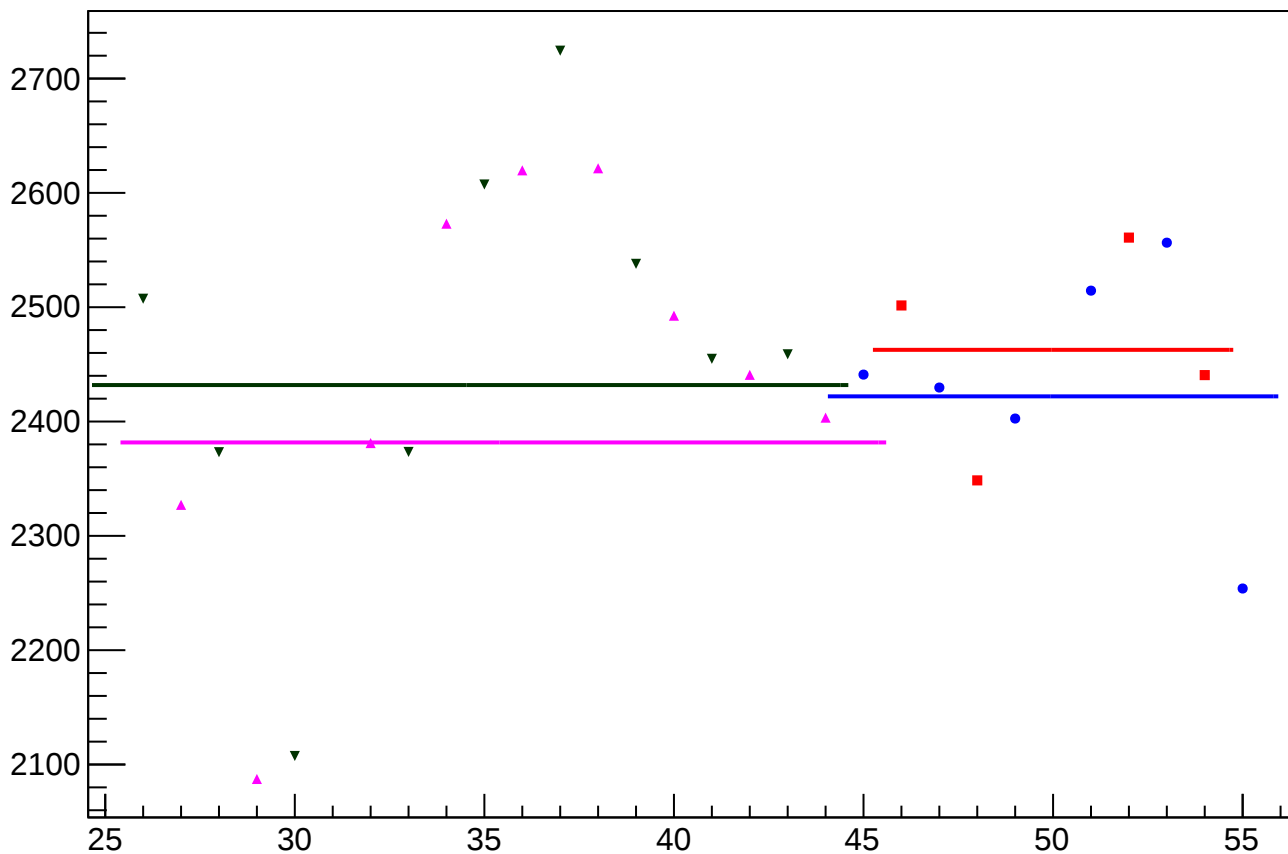
Right Out: -89.817+/-1728.256 χ^2/NDF : 4.0/3

Left In: -816.318+/-1004.864 χ^2/NDF :4.3/8

183.038+/-835.504 χ^2/NDF : 24.1/14

-632.767+/-868.698 χ^2/NDF : 8.4/12

reg_asym_sam2_rms vs slug



Right In: 2422.020 ± 0.904 χ^2/NDF : 10134.7/5

Left Out: 2431.909 ± 0.781 χ^2/NDF : 46832.9/8

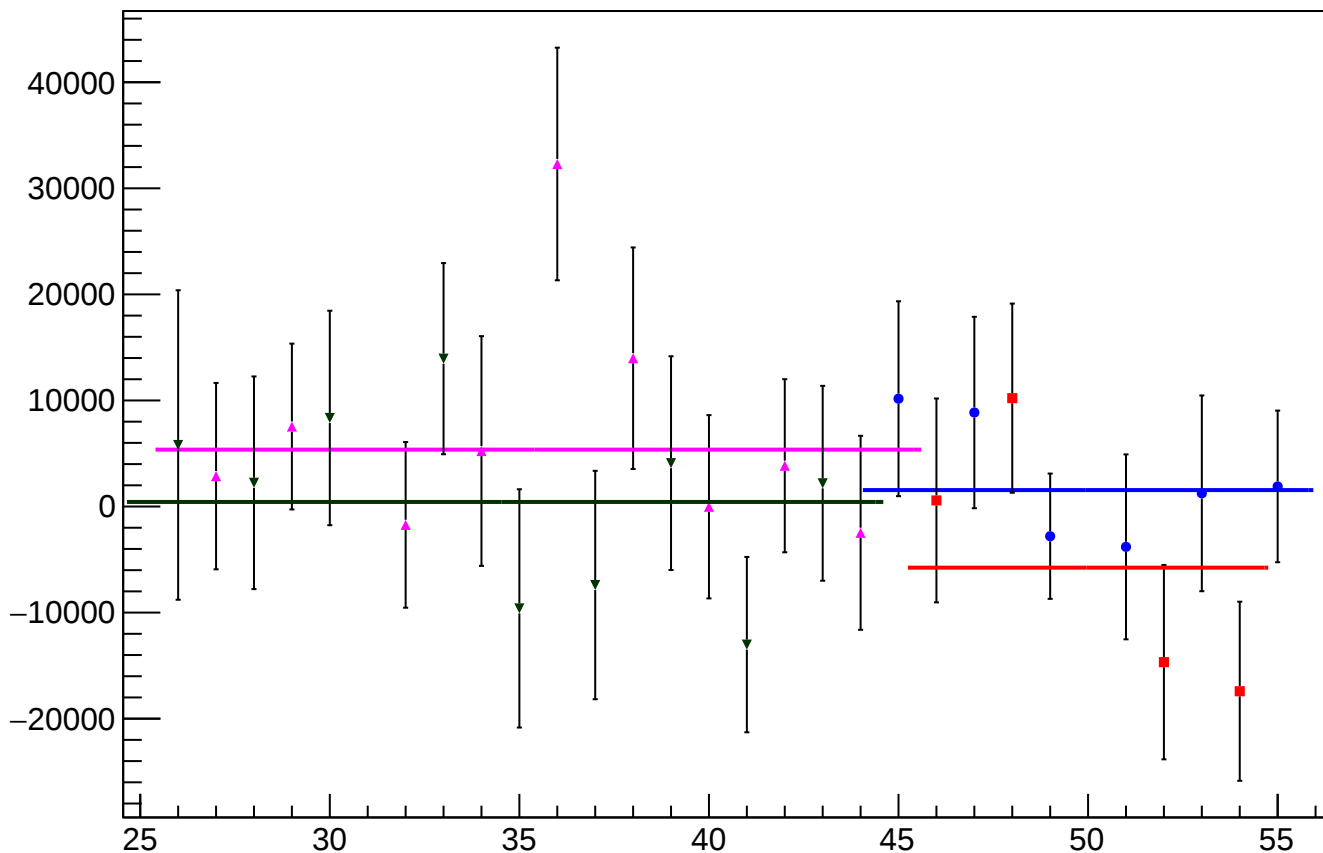
Right Out: 2462.713 ± 1.222 χ^2/NDF : 3971.7/3

Left In: 2381.708 ± 0.711 χ^2/NDF : 59588.7/8

2427.685 ± 0.591 χ^2/NDF : 57036.2/14

2402.174 ± 0.614 χ^2/NDF : 66844.1/12

asym_sam2_correction_mean vs slug



Right In: 1549.462 $\pm$ 3206.052 χ^2 /NDF: 2.5/5

Left Out: 430.700 $\pm$ 3340.198 χ^2 /NDF: 7.2/8

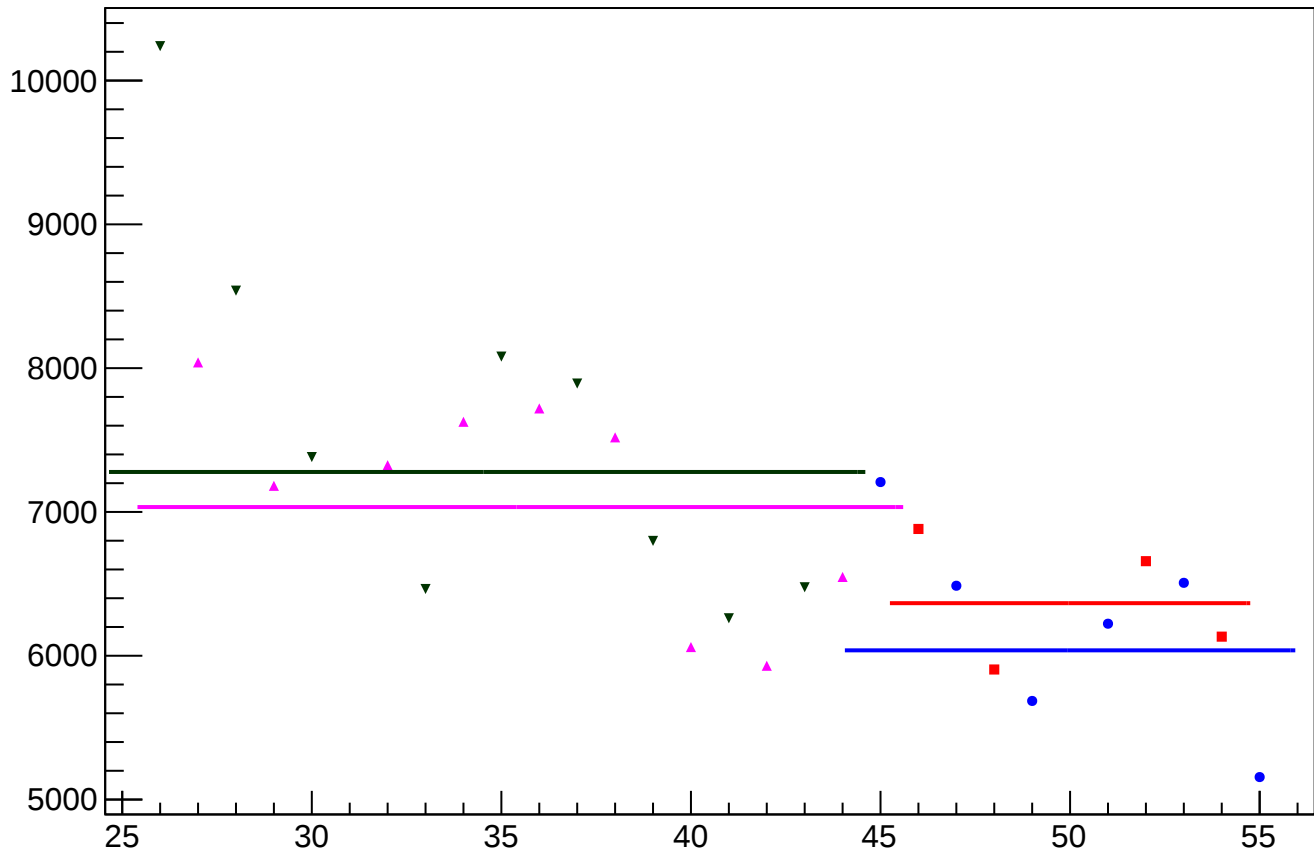
Right Out: -5763.488 $\pm$ 4501.657 χ^2 /NDF: 6.5/3

Left In: 5364.101 $\pm$ 2986.755 χ^2 /NDF: 8.9/8

1012.997 $\pm$ 2312.991 χ^2 /NDF: 9.7/14

1962.909 $\pm$ 2488.786 χ^2 /NDF: 19.6/12

asym_sam2_correction_rms vs slug



Right In: 6037.552 $\pm$ 2.267 χ^2 /NDF: 81006.2/5

Left Out: 7278.054 $\pm$ 2.362 χ^2 /NDF:197341.3/8

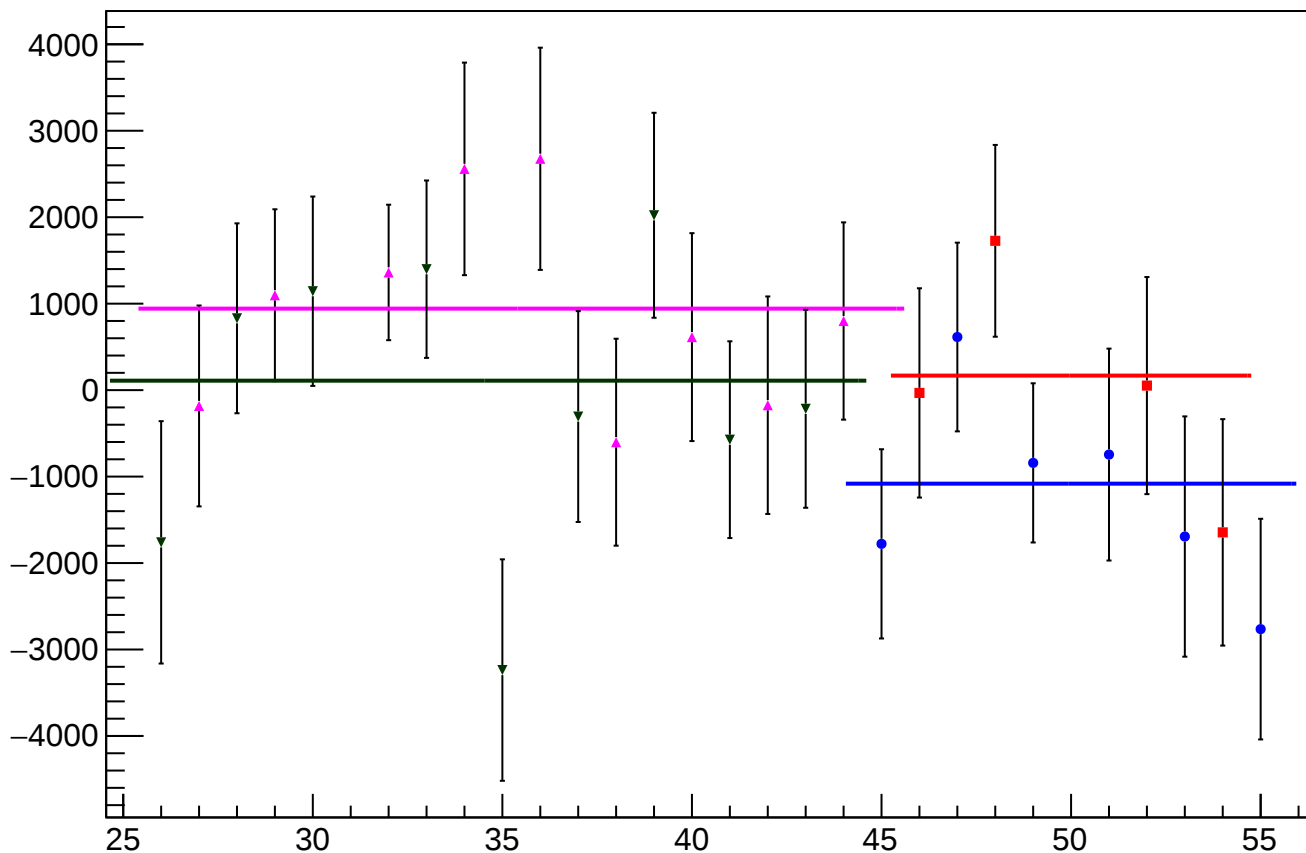
Right Out: 6365.625 $\pm$ 3.183 χ^2 /NDF: 14671.9/3

Left In: 7034.039 $\pm$ 2.112 χ^2 /NDF:115475.0/8

6632.393 $\pm$ 1.636 χ^2 /NDF: 421925.5/14

6829.736 $\pm$ 1.760 χ^2 /NDF: 160763.2/12

reg_asym_sam3_mean vs slug



Right In: -1081.767 $\pm$ 463.600 χ^2 /NDF: 4.9/5

Left Out: 109.468 $\pm$ 387.723 χ^2 /NDF: 14.7/8

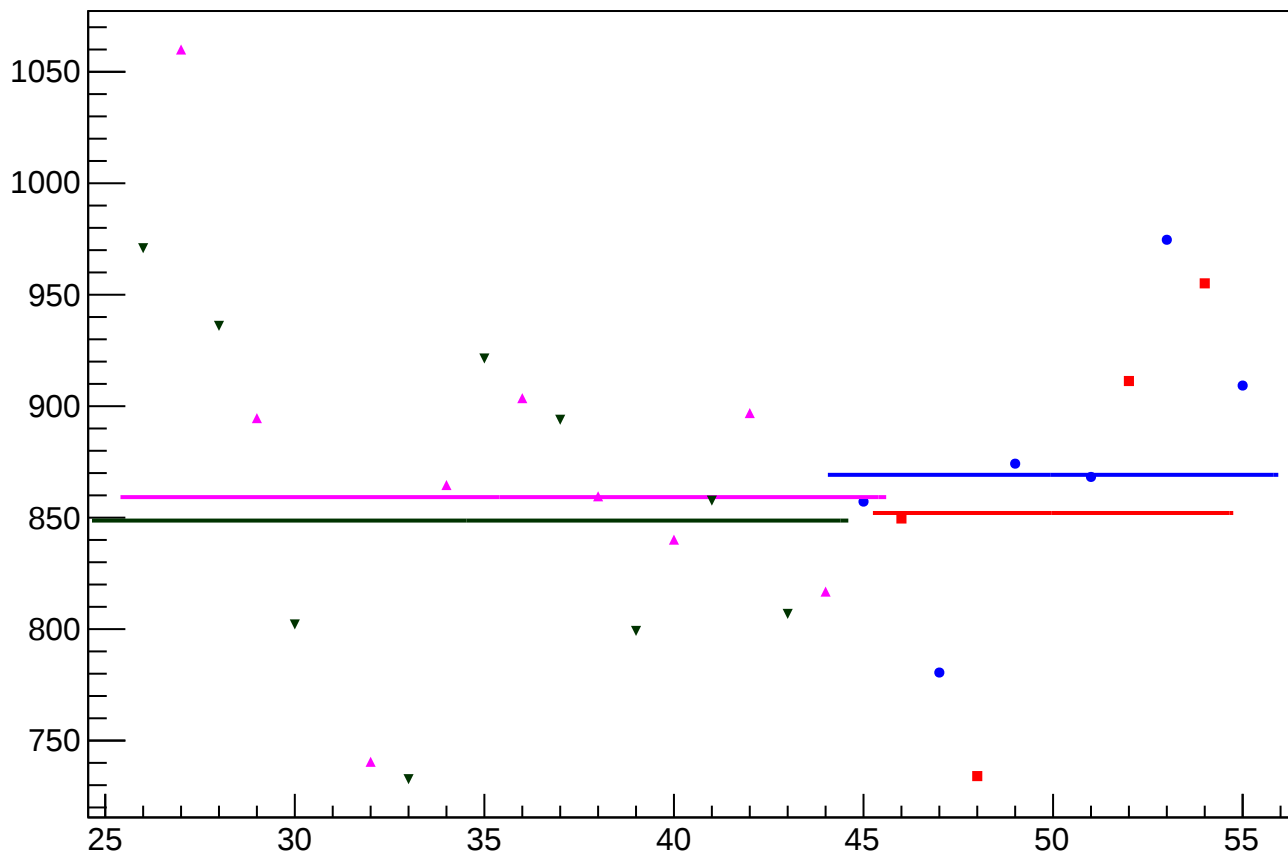
Right Out: 168.042 $\pm$ 607.115 χ^2 /NDF: 3.9/3

Left In: 942.699 $\pm$ 366.632 χ^2 /NDF: 7.3/8

-380.814 $\pm$ 297.418 χ^2 /NDF: 23.5/14

735.688 $\pm$ 313.844 χ^2 /NDF: 12.5/12

reg_asym_sam3_rms vs slug



Right In: 869.211+/-0.328 χ^2/NDF : 26998.7/5

Left Out: 848.692+/-0.274 χ^2/NDF : 72527.0/8

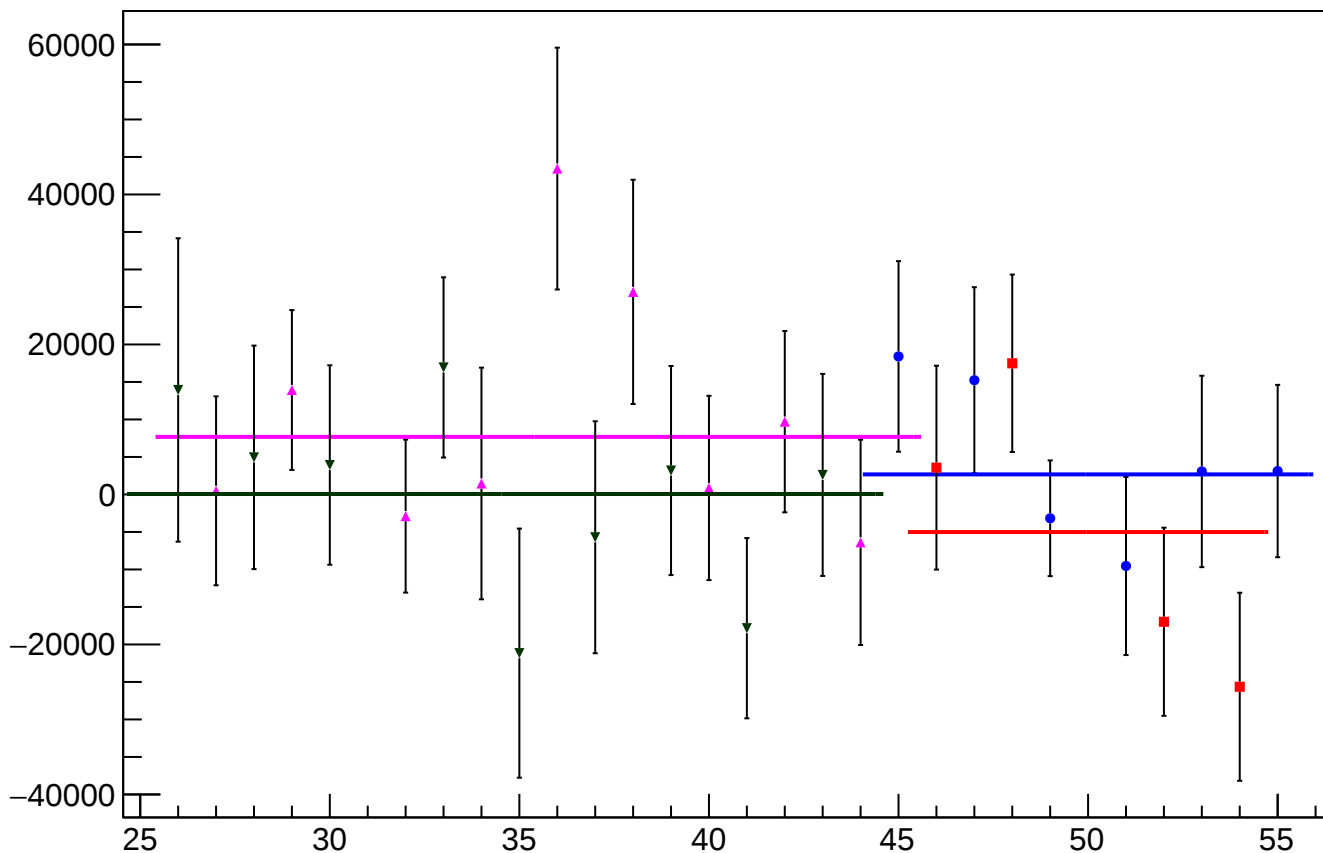
Right Out: 852.094+/-0.429 χ^2/NDF : 39475.7/3

Left In: 859.214+/-0.259 χ^2/NDF : 115718.5/8

857.137+/-0.210 χ^2/NDF : 101831.2/14

857.312+/-0.222 χ^2/NDF : 155395.8/12

asym_sam3_correction_mean vs slug



Right In: 2676.413+/-4458.659 χ^2/NDF : 4.2/5

Left Out: 59.920+/-4718.227 χ^2/NDF : 6.7/8

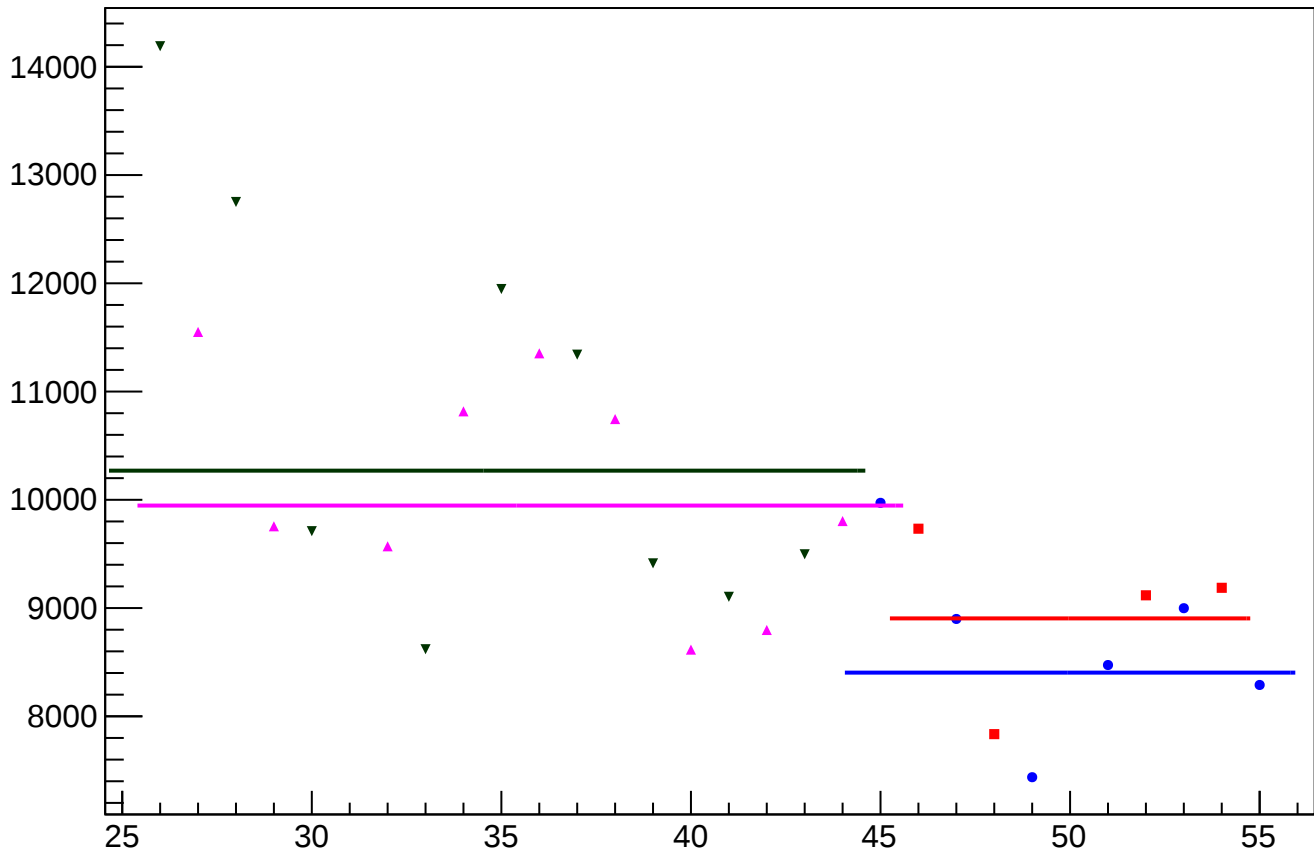
Right Out: -5012.600+/-6290.231 χ^2/NDF : 7.6/3

Left In: 7677.411+/-4224.746 χ^2/NDF : 9.9/8

1442.115+/-3240.628 χ^2/NDF : 11.1/14

3732.527+/-3507.137 χ^2/NDF : 20.3/12

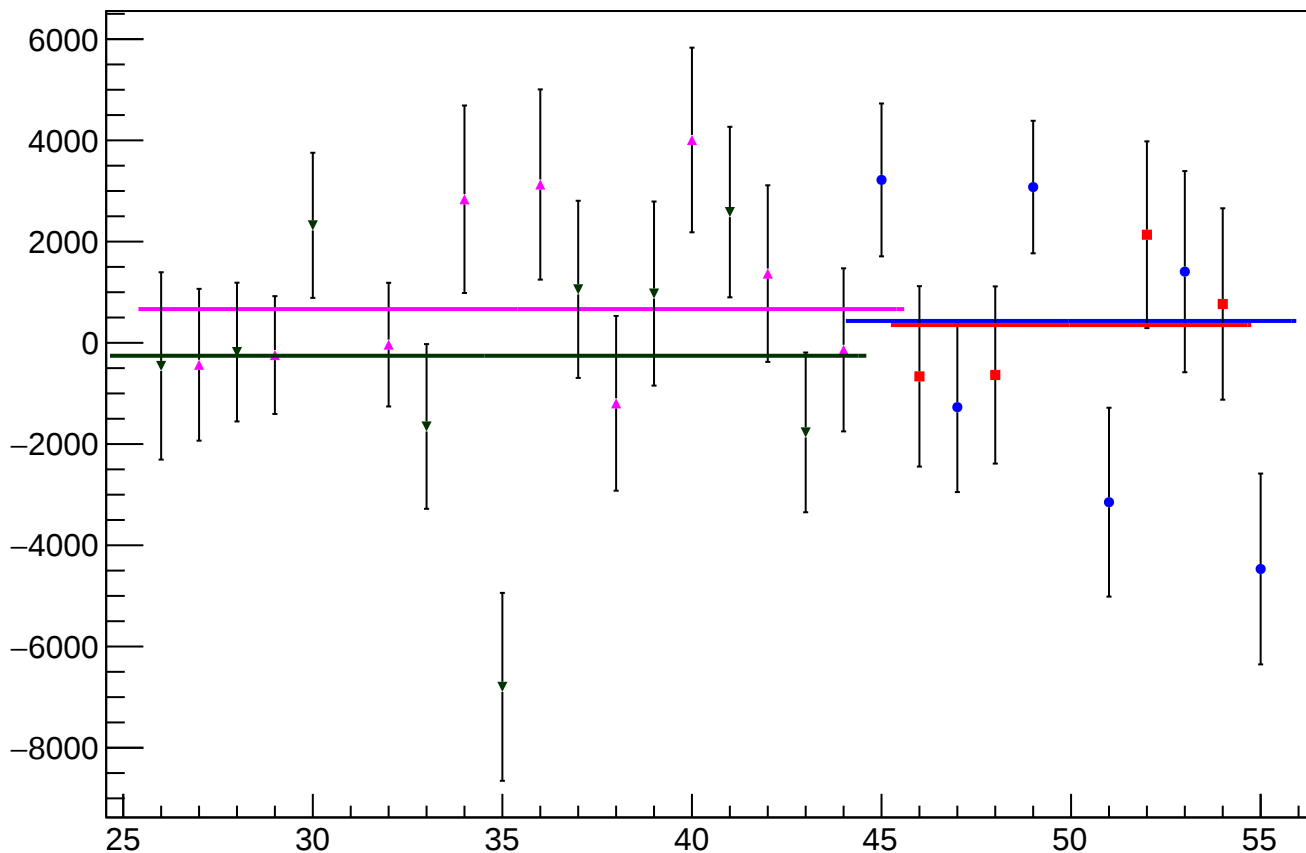
asym_sam3_correction_rms vs slug



Right In: 8403.538+/-3.153 χ^2/NDF : 69661.2/5
 Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8
 Right Out: 8904.417+/-4.448 χ^2/NDF : 25361.3/3
 Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

9283.685+/-2.291 χ^2/NDF : 469690.1/14
 9622.783+/-2.480 χ^2/NDF : 168050.6/12

reg_asym_sam4_mean vs slug



Right In: 432.586+/-674.312 χ^2/NDF : 19.2/5

Left Out: -255.316+/-545.443 χ^2/NDF : 21.2/8

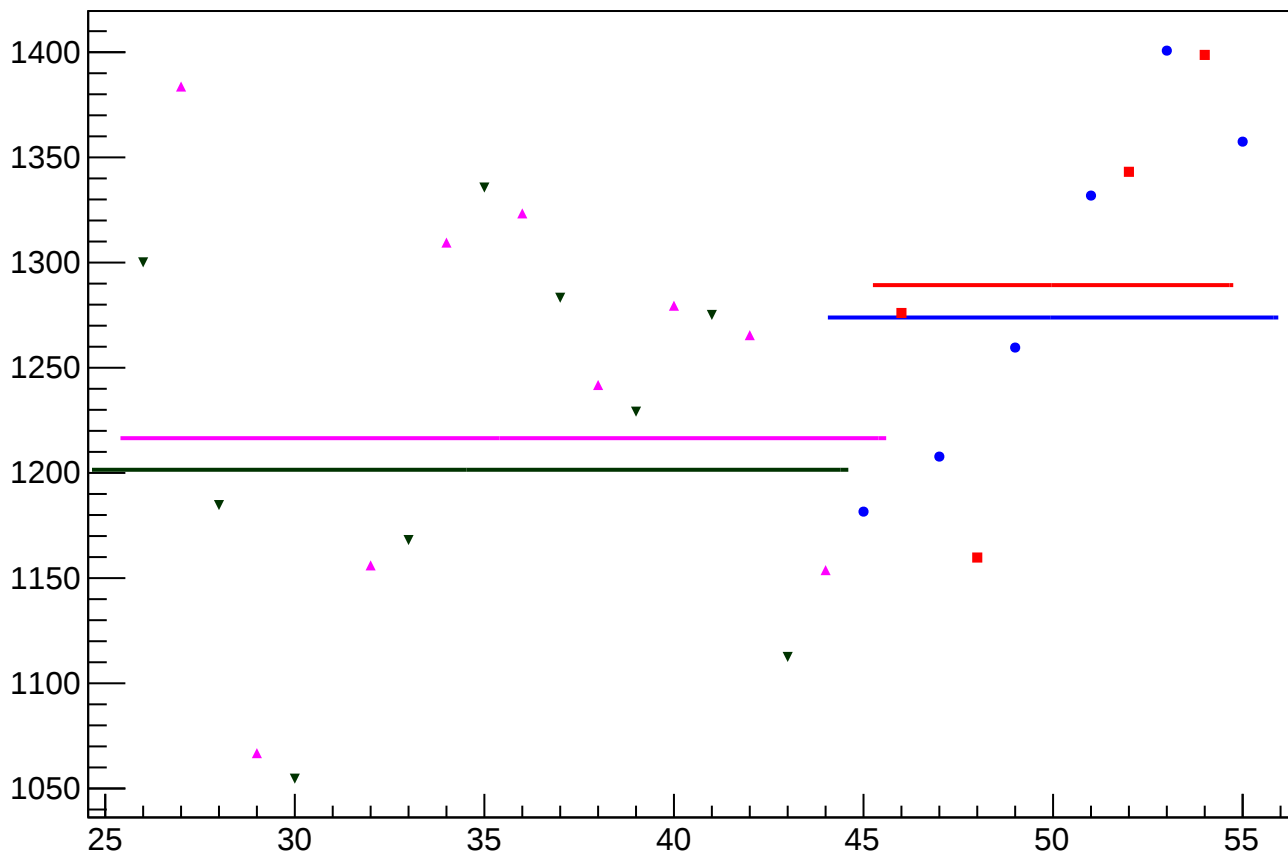
Right Out: 350.986+/-907.338 χ^2/NDF : 1.6/3

Left In: 666.576+/-514.516 χ^2/NDF : 9.5/8

16.759+/-424.075 χ^2/NDF : 41.0/14

589.788+/-447.564 χ^2/NDF : 11.2/12

reg_asym_sam4_rms vs slug



Right In: 1273.887 ± 0.477 χ^2/NDF : 24826.1/5

Left Out: 1201.502 ± 0.386 χ^2/NDF : 53243.4/8

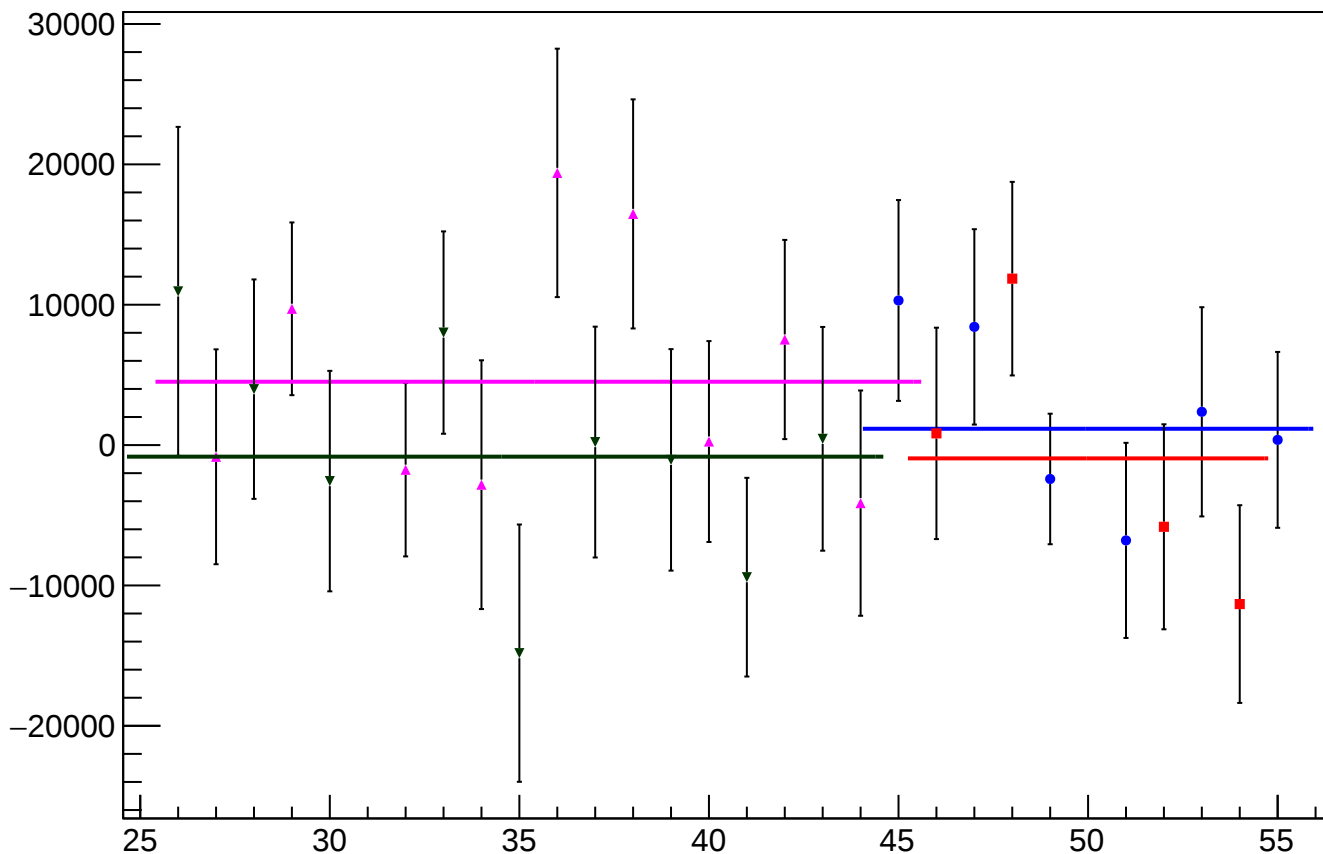
Right Out: 1289.283 ± 0.642 χ^2/NDF : 19459.9/3

Left In: 1216.522 ± 0.364 χ^2/NDF : 81773.0/8

1230.132 ± 0.300 χ^2/NDF : 92000.8/14

1234.226 ± 0.316 χ^2/NDF : 110964.8/12

asym_sam4_correction_mean vs slug



Right In: 1162.662+/-2576.617 χ^2/NDF : 4.7/5

Left Out: -824.542+/-2696.175 χ^2/NDF : 6.8/8

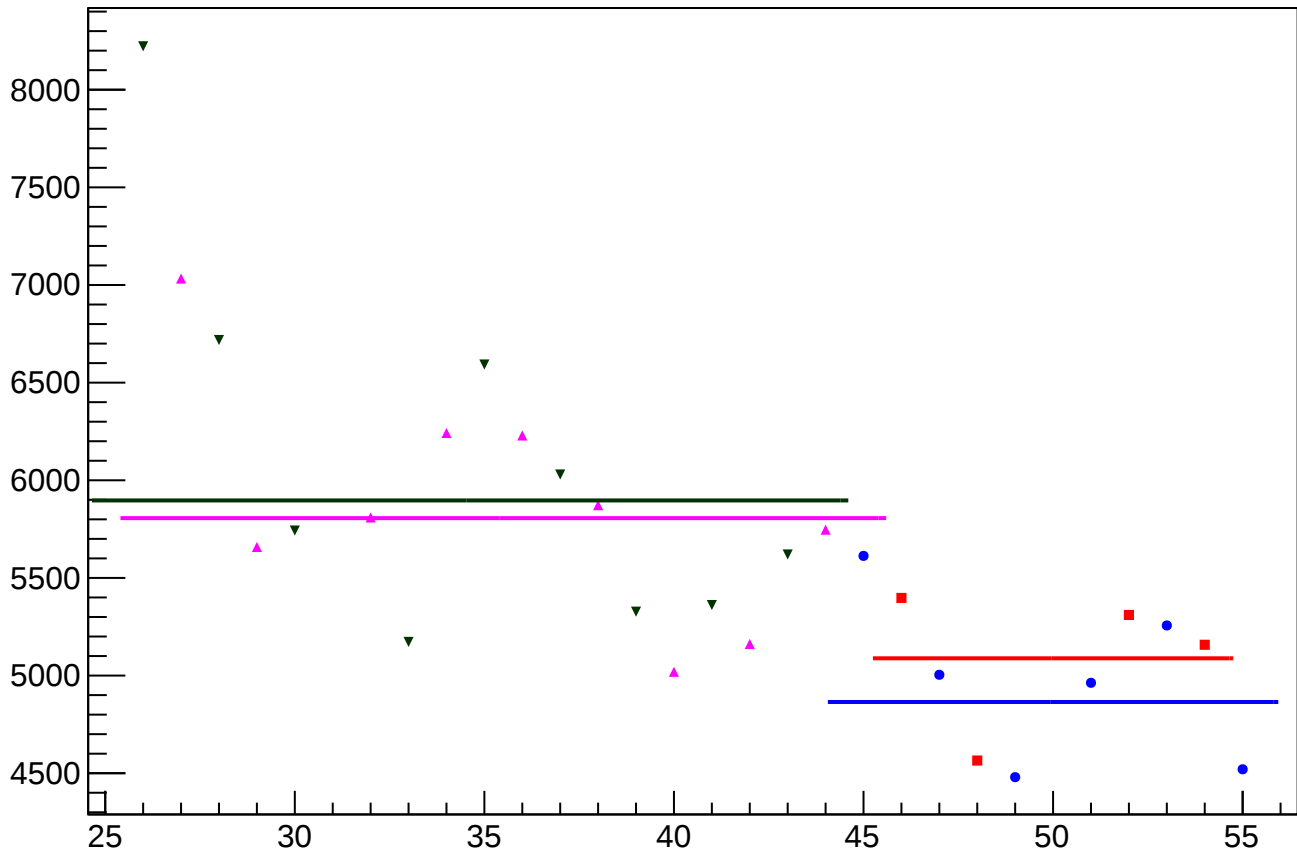
Right Out: -946.996+/-3590.288 χ^2/NDF : 6.1/3

Left In: 4513.128+/-2460.890 χ^2/NDF : 9.6/8

214.096+/-1862.776 χ^2/NDF : 11.7/14

2767.844+/-2029.837 χ^2/NDF : 17.3/12

asym_sam4_correction_rms vs slug



Right In: 4864.774 $\pm$ 1.822 χ^2/NDF : 48362.0/5

Left Out: 5896.806 $\pm$ 1.906 χ^2/NDF :158167.8/8

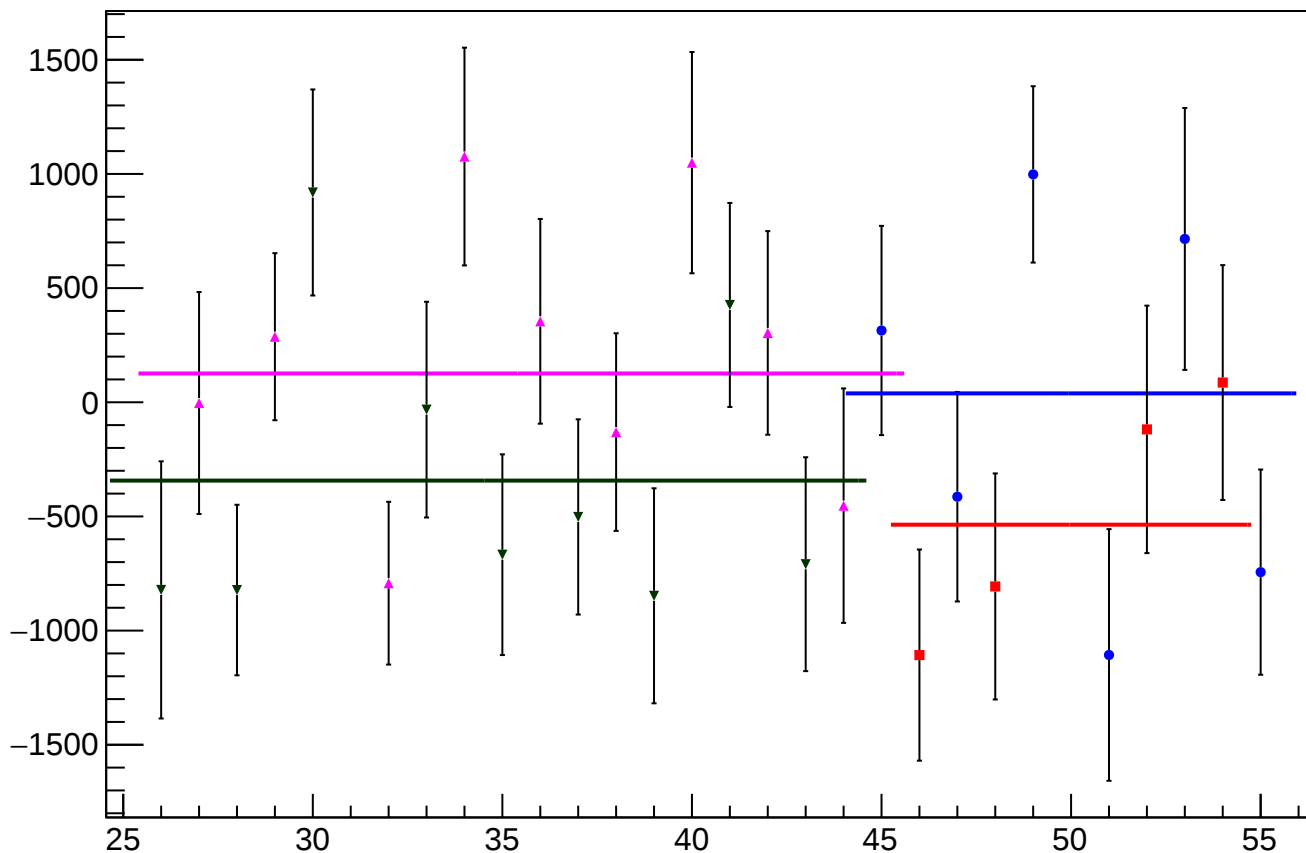
Right Out: 5088.457 $\pm$ 2.539 χ^2/NDF : 16938.8/3

Left In: 5806.242 $\pm$ 1.740 χ^2/NDF :102860.0/8

5357.401 $\pm$ 1.317 χ^2/NDF : 359688.7/14

5576.808 $\pm$ 1.435 χ^2/NDF : 174186.0/12

reg_asym_sam5_mean vs slug



Right In: 38.892 $\pm$ 190.684 χ^2 /NDF: 16.2/5

Left Out: -342.981 $\pm$ 150.000 χ^2 /NDF:16.0/8

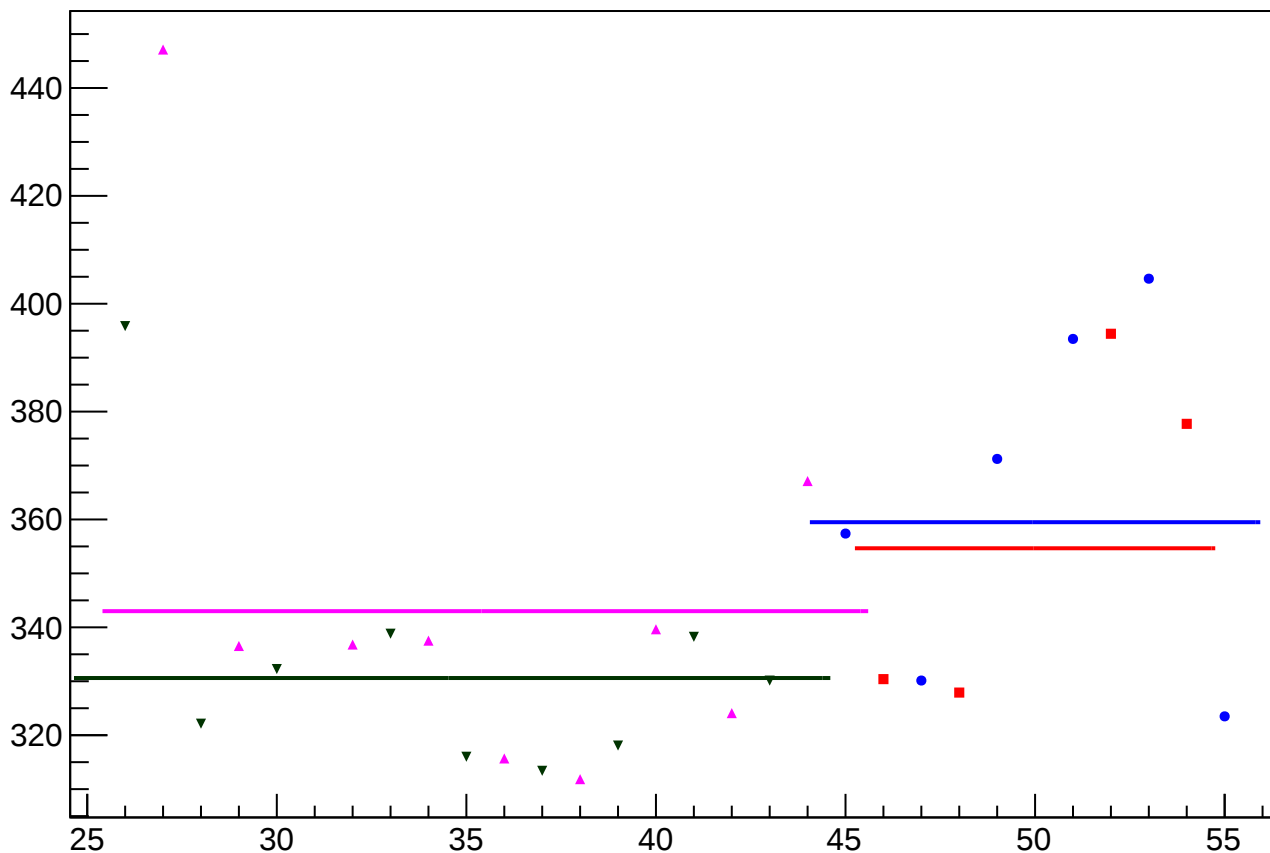
Right Out: -536.134 $\pm$ 250.454 χ^2 /NDF: 3.9/3

Left In: 126.114 $\pm$ 145.287 χ^2 /NDF:16.5/8

-197.006 $\pm$ 117.895 χ^2 /NDF: 34.8/14

-40.630 $\pm$ 125.673 χ^2 /NDF: 25.7/12

reg_asym_sam5_rms vs slug



Right In: 359.494 ± 0.135 χ^2/NDF : 42905.0/5

Left Out: 330.601 ± 0.106 χ^2/NDF : 35957.8/8

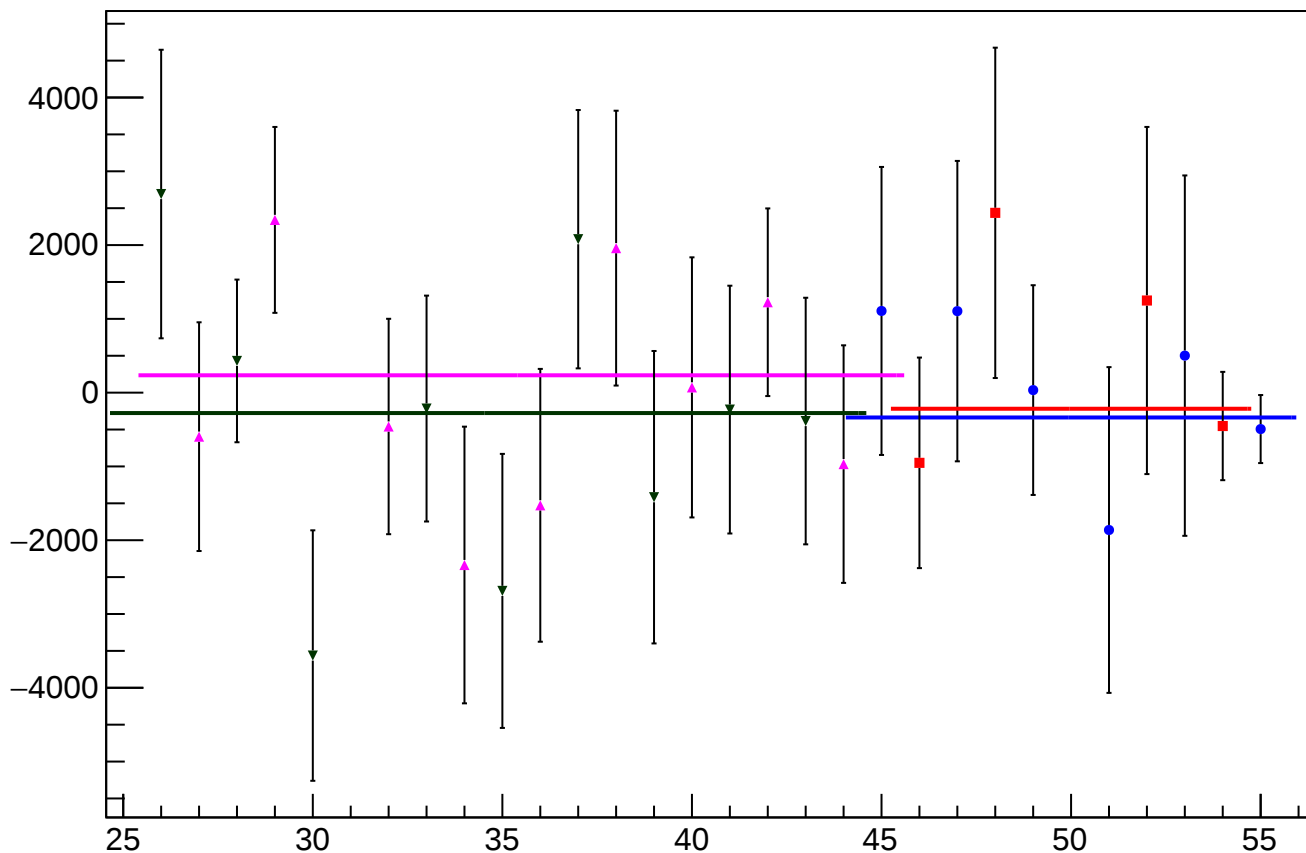
Right Out: 354.659 ± 0.177 χ^2/NDF : 26144.7/3

Left In: 342.998 ± 0.103 χ^2/NDF : 119222.4/8

341.646 ± 0.083 χ^2/NDF : 107227.3/14

345.934 ± 0.089 χ^2/NDF : 148610.6/12

asym_sam5_correction_mean vs slug



Right In: -336.534 ± 405.684 χ^2/NDF : 1.8/5

Left Out: -276.488 ± 539.013 χ^2/NDF : 10.3/8

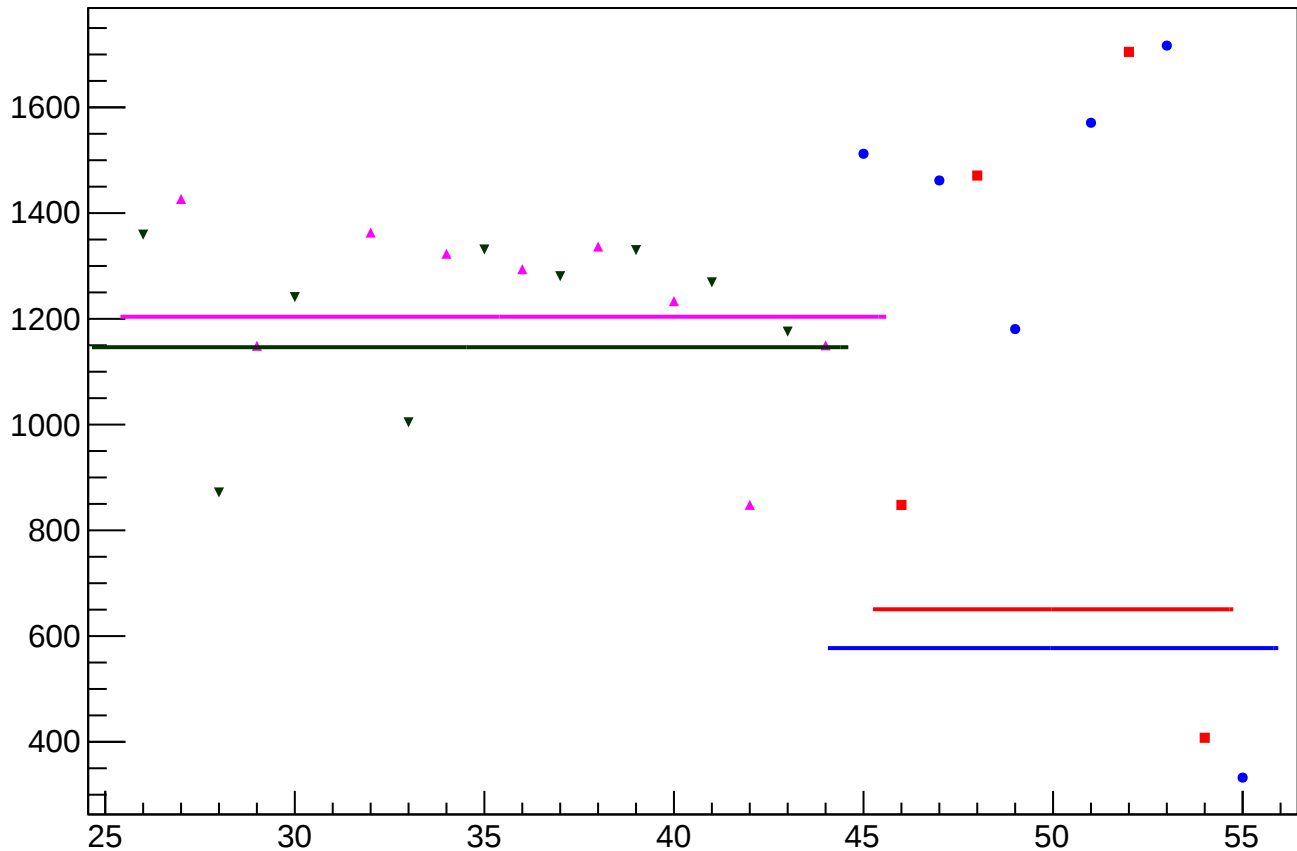
Right Out: -218.145 ± 605.503 χ^2/NDF : 2.2/3

Left In: 235.272 ± 519.379 χ^2/NDF : 8.1/8

-314.820 ± 324.136 χ^2/NDF : 12.1/14

43.076 ± 394.221 χ^2/NDF : 10.6/12

asym_sam5_correction_rms vs slug



Right In: 577.288+/-0.287 χ^2/NDF : 2602165.2/5

Left Out: 1146.369+/-0.381 χ^2/NDF :231446.2/8

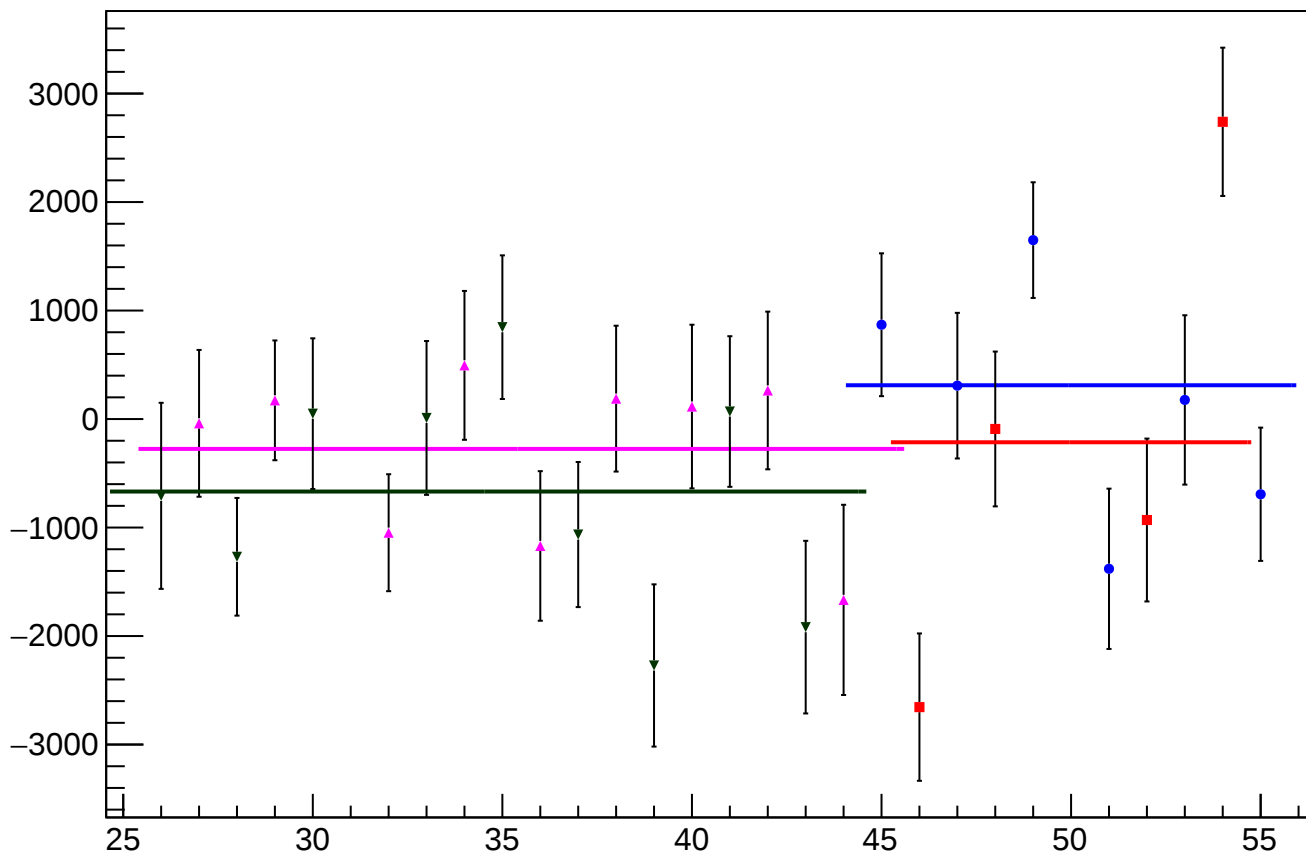
Right Out: 650.692+/-0.428 χ^2/NDF : 927718.0/3

Left In: 1203.975+/-0.367 χ^2/NDF :251275.8/8

783.080+/-0.229 χ^2/NDF : 4256780.9/14

969.447+/-0.279 χ^2/NDF : 2141053.1/12

reg_asym_sam6_mean vs slug



Right In: 311.482 ± 265.639 $\chi^2/\text{NDF}: 15.0/5$

Left Out: -668.141 ± 230.723 $\chi^2/\text{NDF}: 17.0/8$

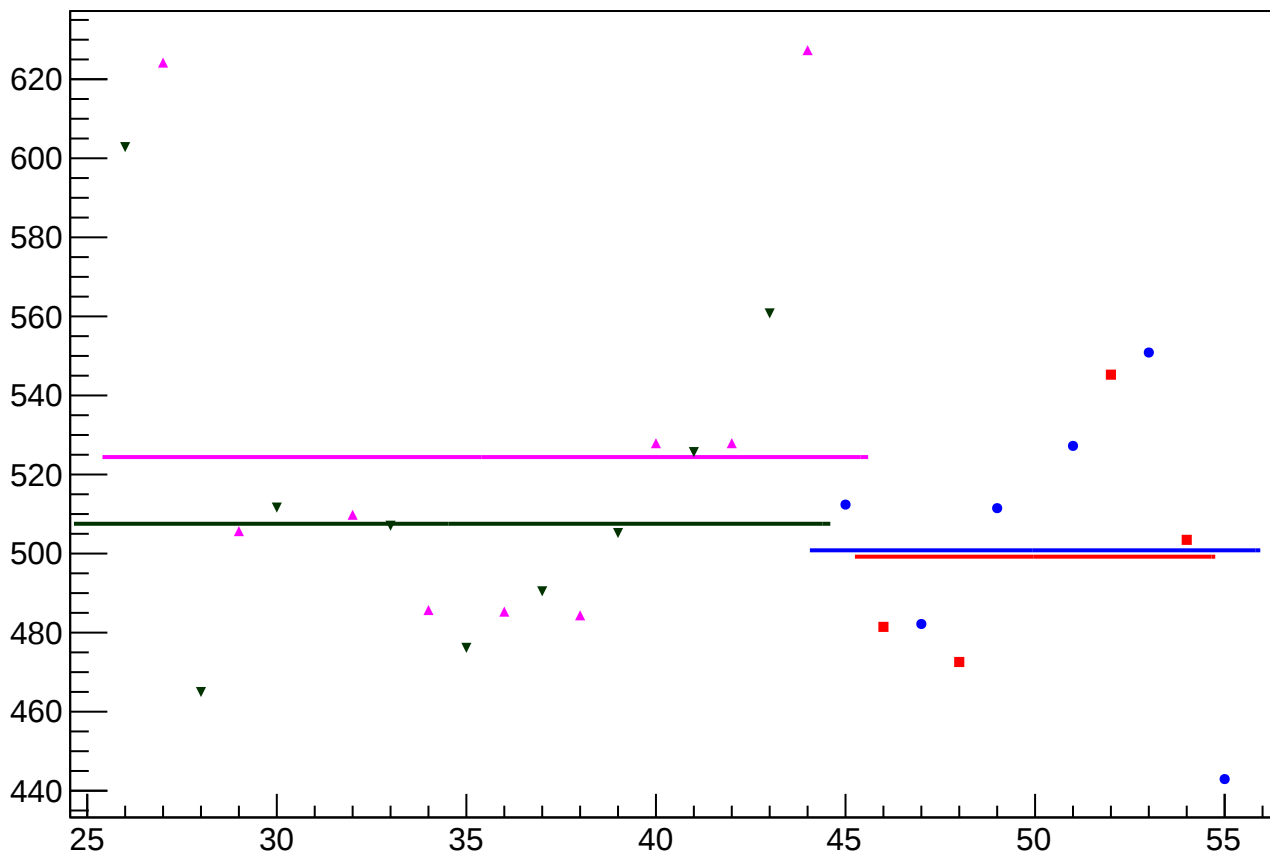
Right Out: -213.967 ± 352.466 $\chi^2/\text{NDF}: 32.5/3$

Left In: -275.250 ± 221.925 $\chi^2/\text{NDF}: 9.6/8$

-246.900 ± 174.192 $\chi^2/\text{NDF}: 39.7/14$

-257.852 ± 187.800 $\chi^2/\text{NDF}: 42.2/12$

reg_asym_sam6_rms vs slug



Right In: 500.822 $\pm$ 0.188 χ^2 /NDF: 31495.5/5

Left Out: 507.540 $\pm$ 0.163 χ^2 /NDF: 53222.5/8

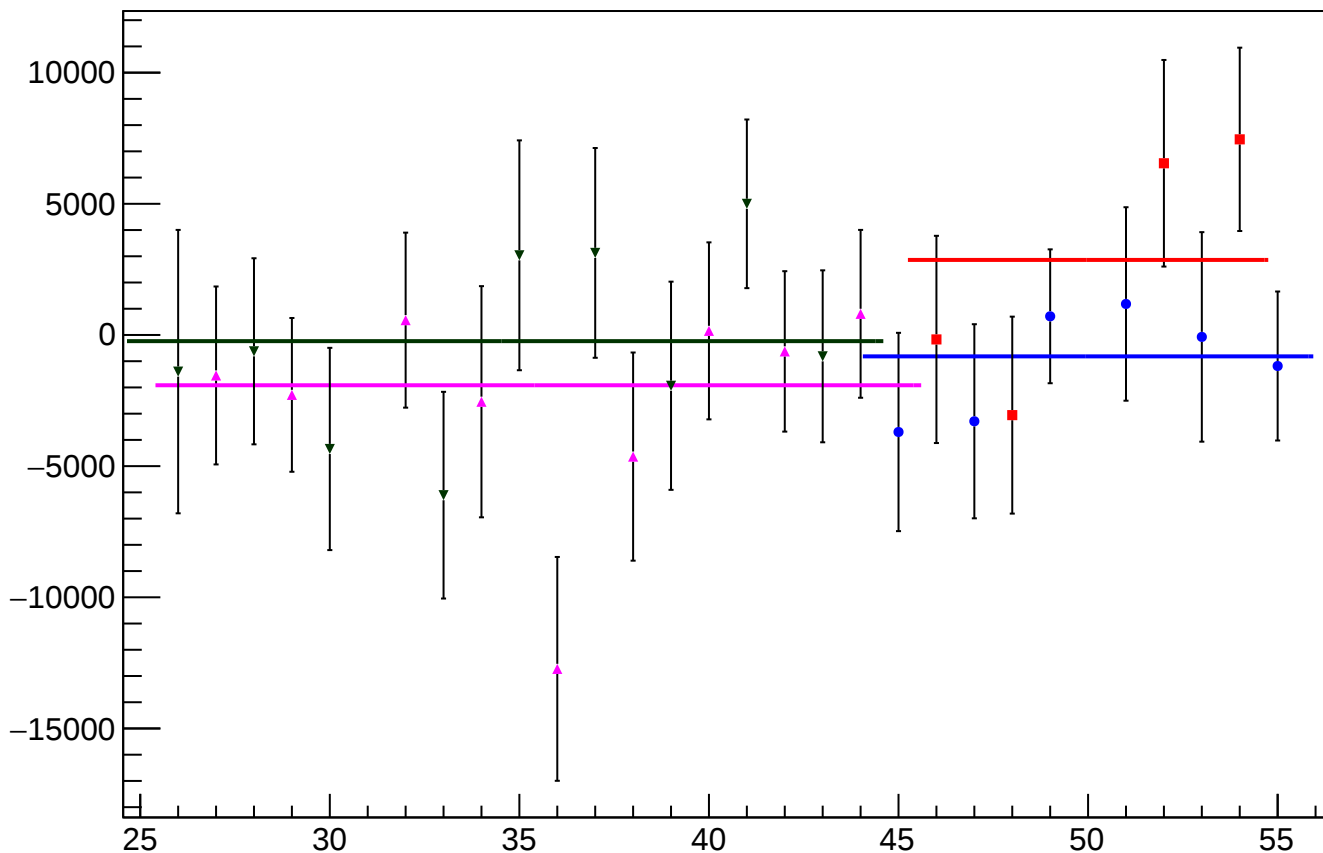
Right Out: 499.213 $\pm$ 0.249 χ^2 /NDF: 11760.9/3

Left In: 524.413 $\pm$ 0.157 χ^2 /NDF: 94852.7/8

504.651 $\pm$ 0.123 χ^2 /NDF: 85447.1/14

517.259 $\pm$ 0.133 χ^2 /NDF: 113934.8/12

asym_sam6_correction_mean vs slug



Right In: -815.593 ± 1340.084 χ^2/NDF : 1.7/5

Left Out: -235.020 ± 1276.692 χ^2/NDF : 7.5/8

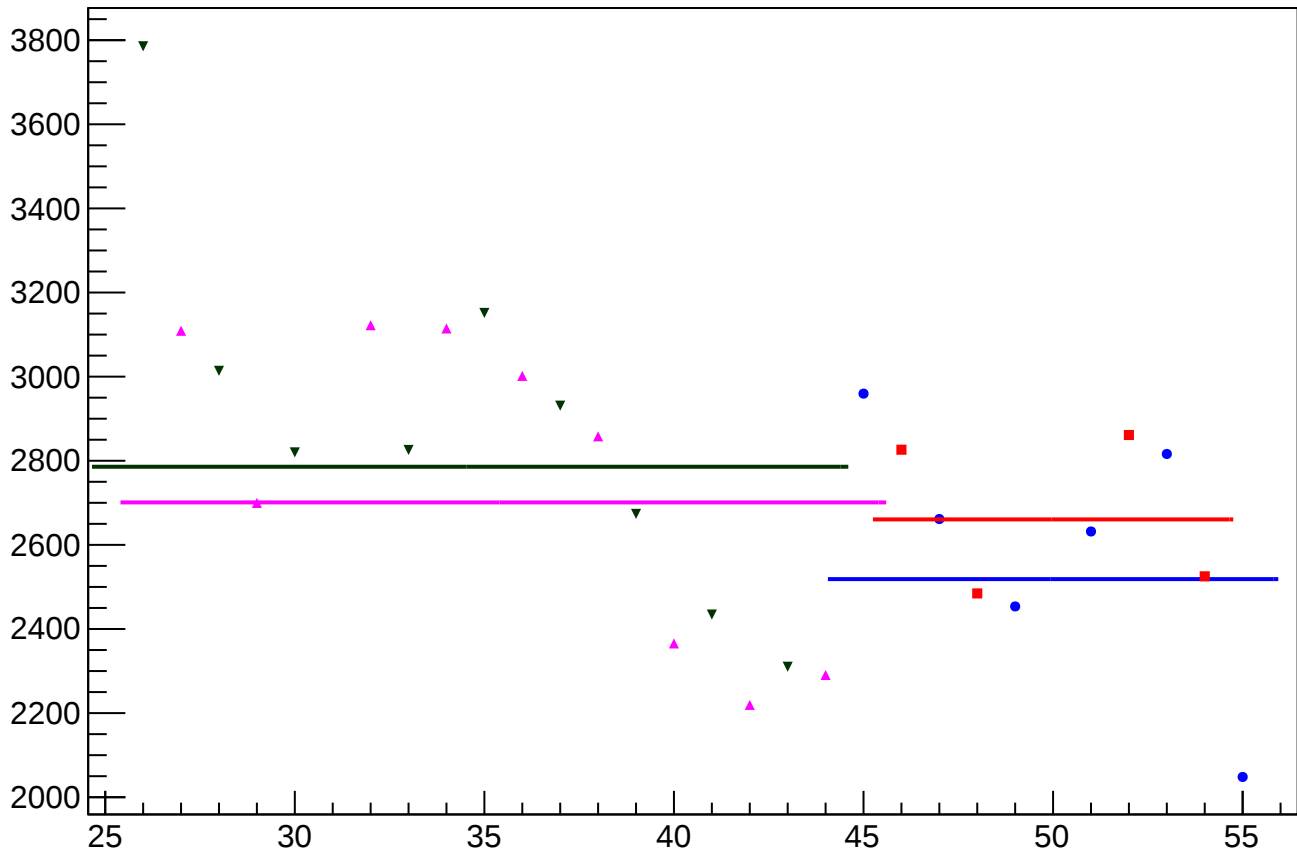
Right Out: 2860.890 ± 1884.982 χ^2/NDF : 5.7/3

Left In: -1916.764 ± 1150.358 χ^2/NDF : 8.8/8

-511.250 ± 924.356 χ^2/NDF : 9.4/14

-620.259 ± 981.944 χ^2/NDF : 19.1/12

asym_sam6_correction_rms vs slug



Right In: 2518.593+/-0.948 χ^2/NDF : 99363.9/5

Left Out: 2785.776+/-0.903 χ^2/NDF :161309.1/8

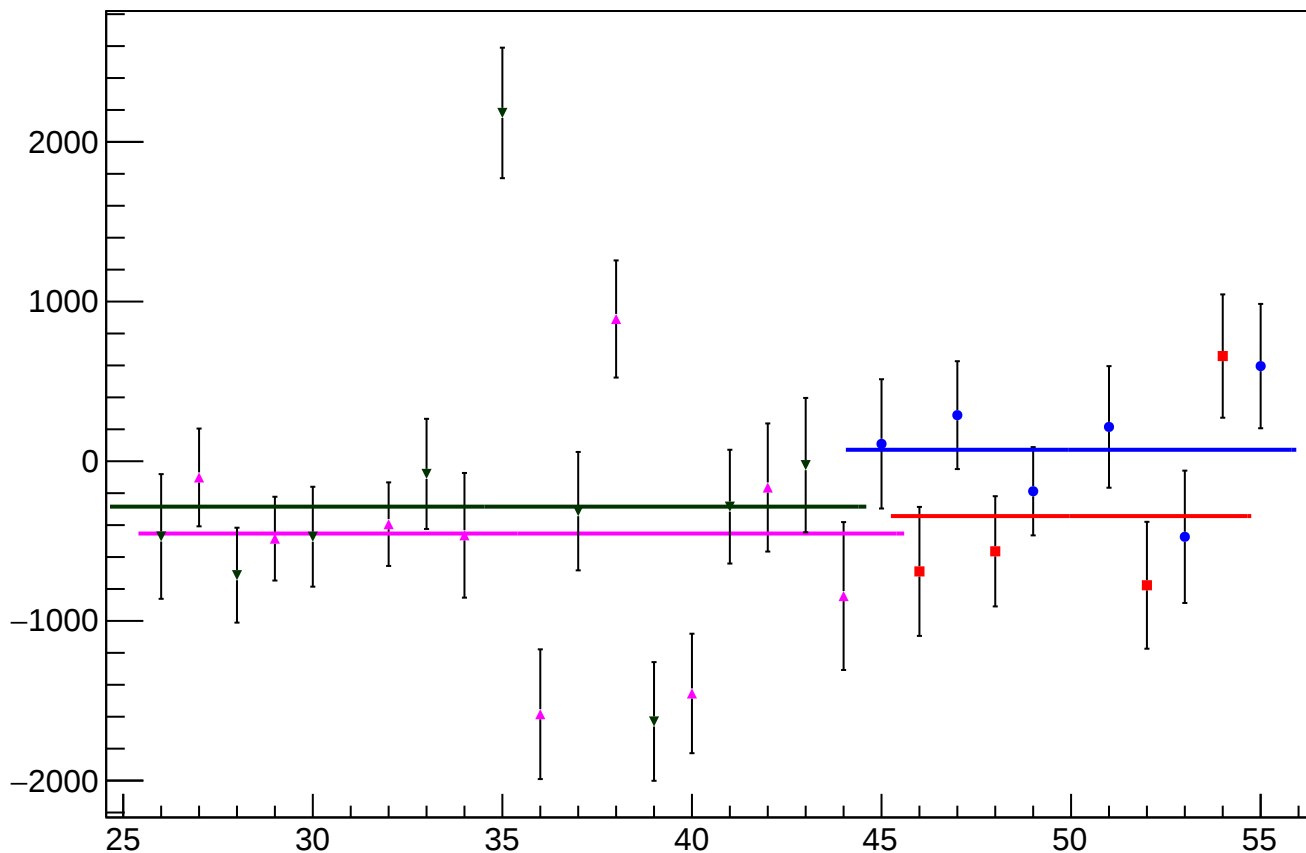
2658.653+/-0.654 χ^2/NDF : 302349.2/14

Right Out: 2660.548+/-1.333 χ^2/NDF : 16108.3/3

2689.992+/-0.694 χ^2/NDF : 210562.7/12

Left In: 2700.958+/-0.813 χ^2/NDF :193784.6/8

reg_asym_sam7_mean vs slug



Right In: 71.768+/-145.450 χ^2/NDF : 5.0/5

Left Out: -284.306+/-119.075 χ^2/NDF : 52.9/8

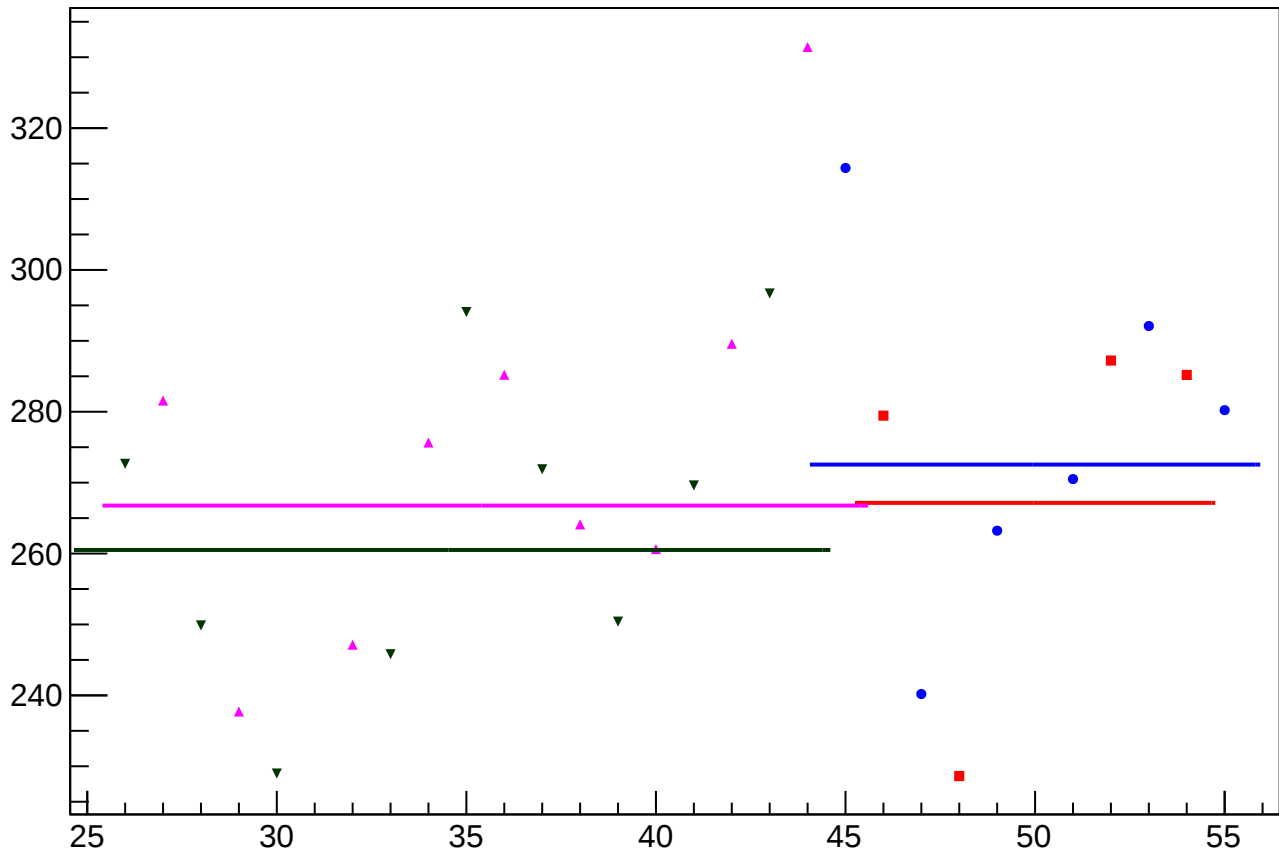
Right Out: -343.461+/-190.478 χ^2/NDF : 9.1/3

Left In: -452.715+/-113.322 χ^2/NDF : 31.0/8

-141.422+/-92.137 χ^2/NDF : 61.5/14

-424.154+/-97.390 χ^2/NDF : 40.3/12

reg_asym_sam7_rms vs slug



Right In: 272.550 ± 0.103 χ^2/NDF : 47271.8/5

Left Out: 260.507 ± 0.084 χ^2/NDF : 61380.6/8

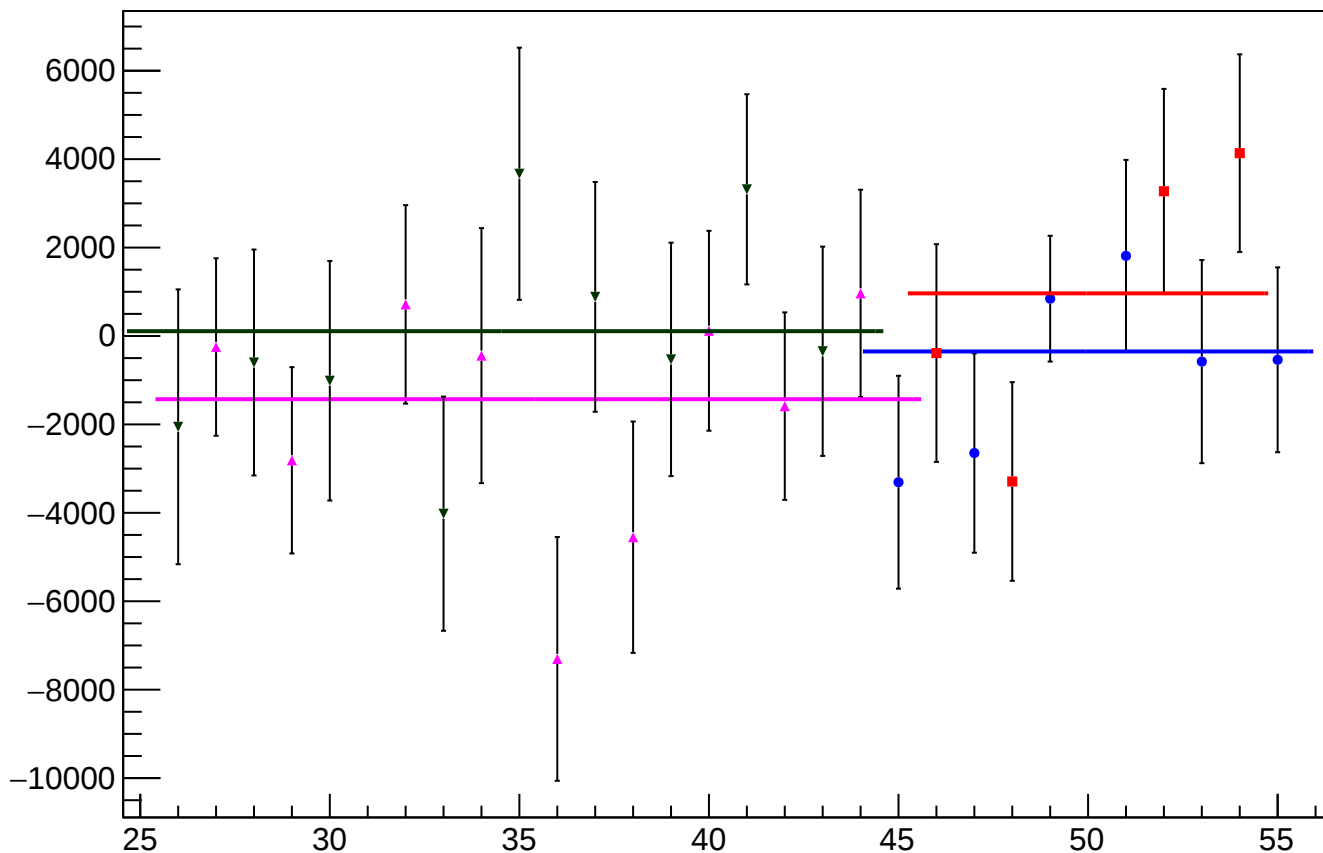
Right Out: 267.150 ± 0.135 χ^2/NDF : 36250.3/3

Left In: 266.764 ± 0.080 χ^2/NDF : 91725.0/8

265.339 ± 0.065 χ^2/NDF : 116862.0/14

266.865 ± 0.069 χ^2/NDF : 127981.5/12

asym_sam7_correction_mean vs slug



Right In: -349.986+/-818.146 χ^2/NDF : 4.3/5

Left Out: 108.894+/-862.435 χ^2/NDF : 7.1/8

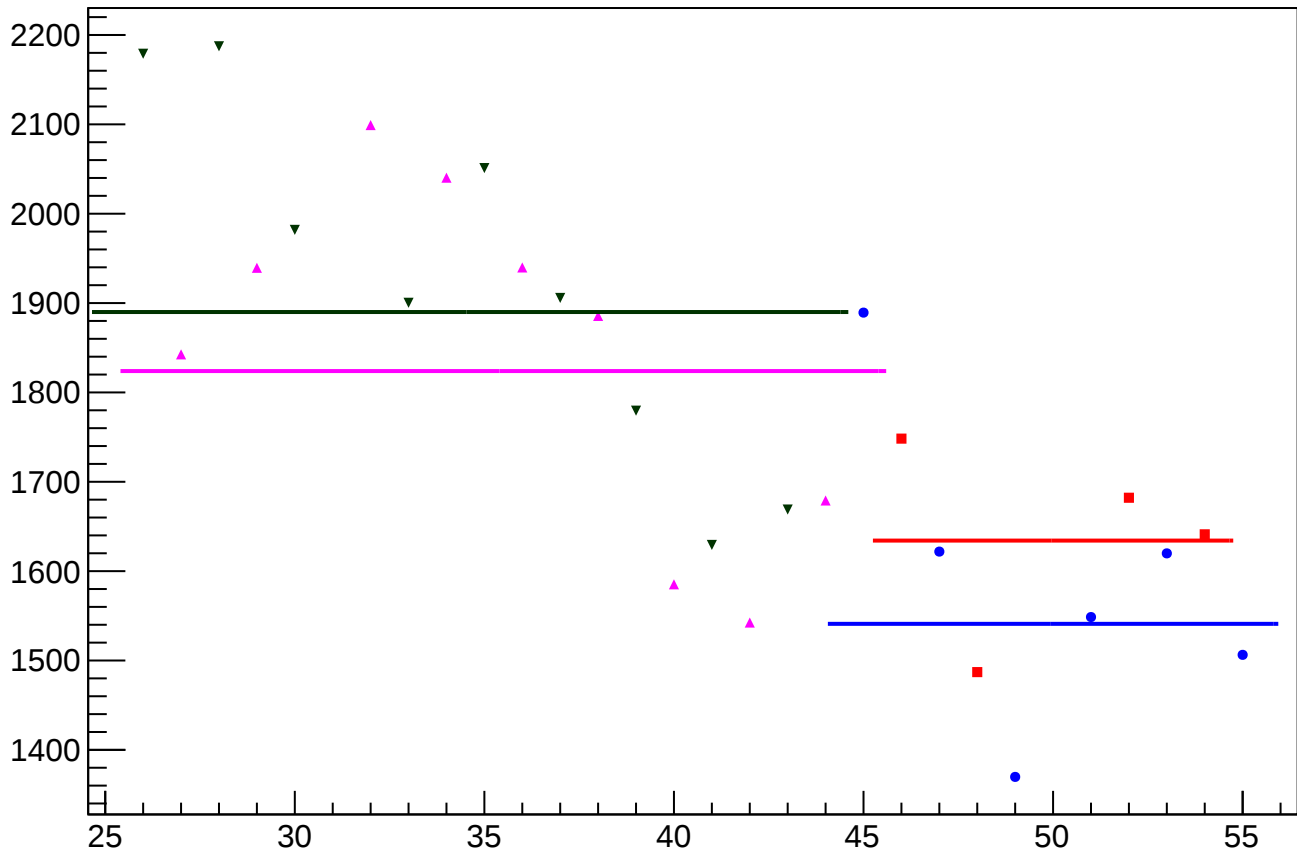
-132.631+/-593.557 χ^2/NDF : 11.5/14

Right Out: 964.161+/-1155.054 χ^2/NDF : 6.9/3

-687.890+/-642.946 χ^2/NDF : 19.1/12

Left In: -1429.578+/-773.930 χ^2/NDF : 9.3/8

asym_sam7_correction_rms vs slug



Right In: 1541.031 ± 0.579 χ^2/NDF : 76358.3/5

Left Out: 1889.978 ± 0.610 χ^2/NDF : 103461.4/8

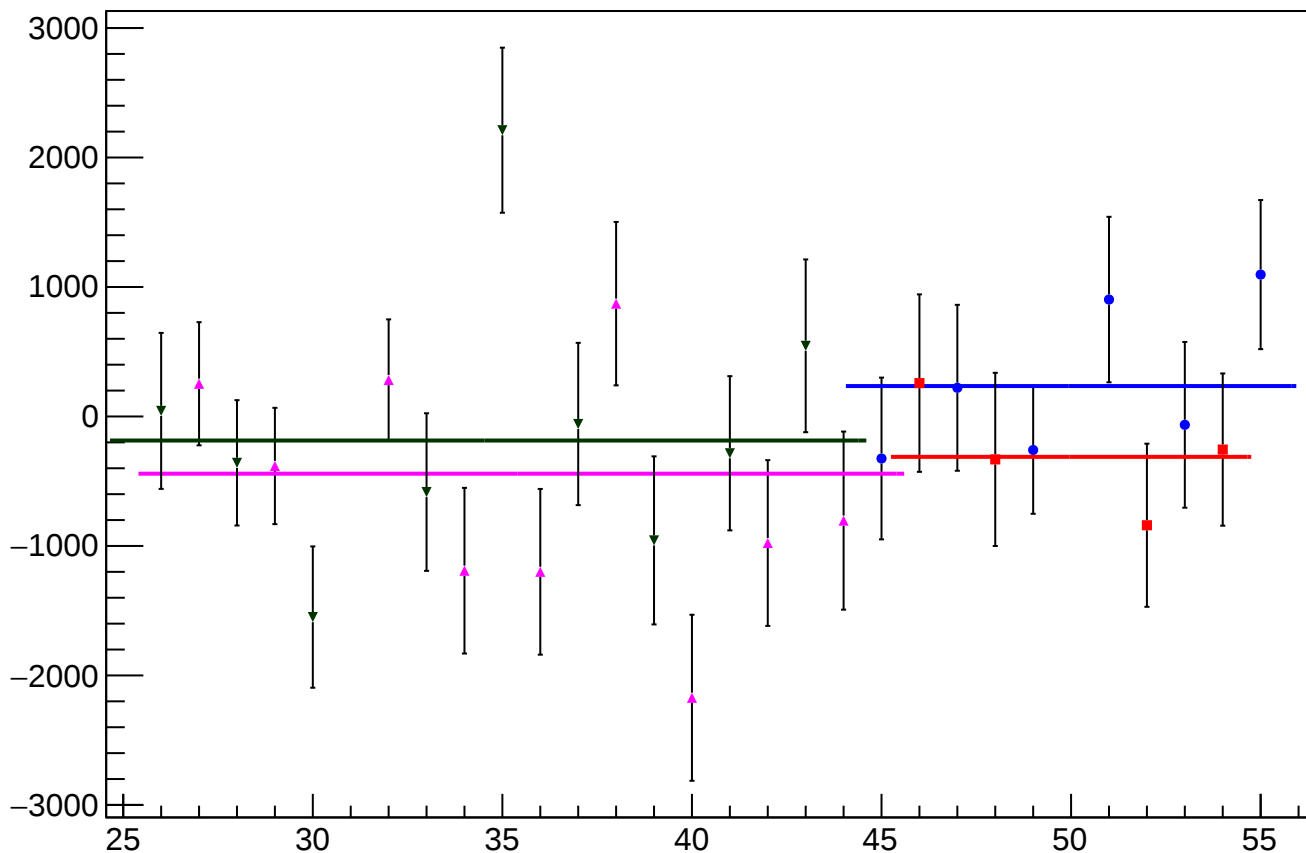
Right Out: 1634.206 ± 0.817 χ^2/NDF : 13751.4/3

Left In: 1823.910 ± 0.547 χ^2/NDF : 117312.7/8

1706.315 ± 0.420 χ^2/NDF : 352148.7/14

1765.131 ± 0.455 χ^2/NDF : 168296.8/12

reg_asym_sam8_mean vs slug



Right In: 234.944 $\pm$ 242.364 χ^2 /NDF: 5.4/5

Left Out: -185.734 $\pm$ 197.924 χ^2 /NDF:23.8/8

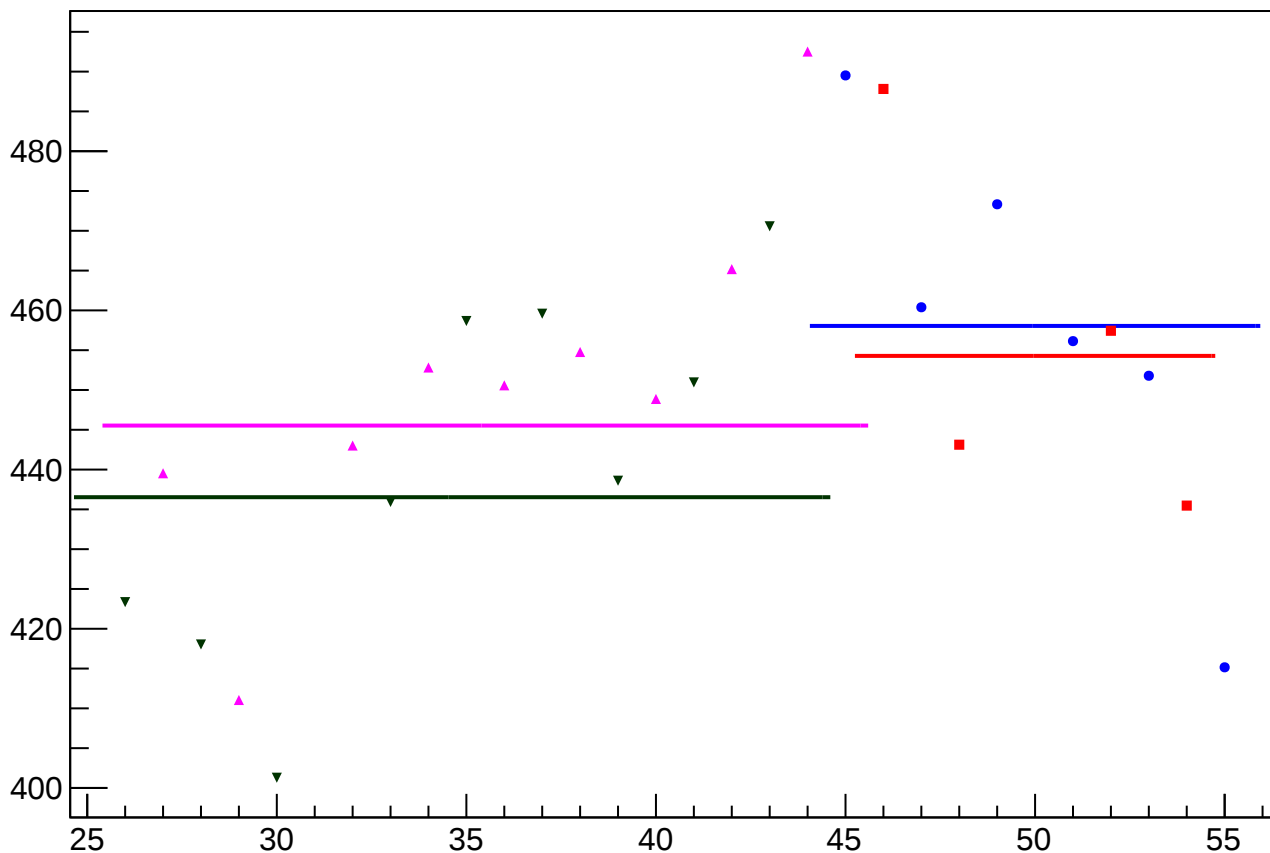
Right Out: -311.826 $\pm$ 319.775 χ^2 /NDF: 1.4/3

Left In: -441.886 $\pm$ 187.906 χ^2 /NDF:19.9/8

-17.427 $\pm$ 153.300 χ^2 /NDF: 30.9/14

-408.503 $\pm$ 162.006 χ^2 /NDF: 21.4/12

reg_asym_sam8_rms vs slug



Right In: 458.049+/-0.171 χ^2/NDF : 18336.9/5

Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

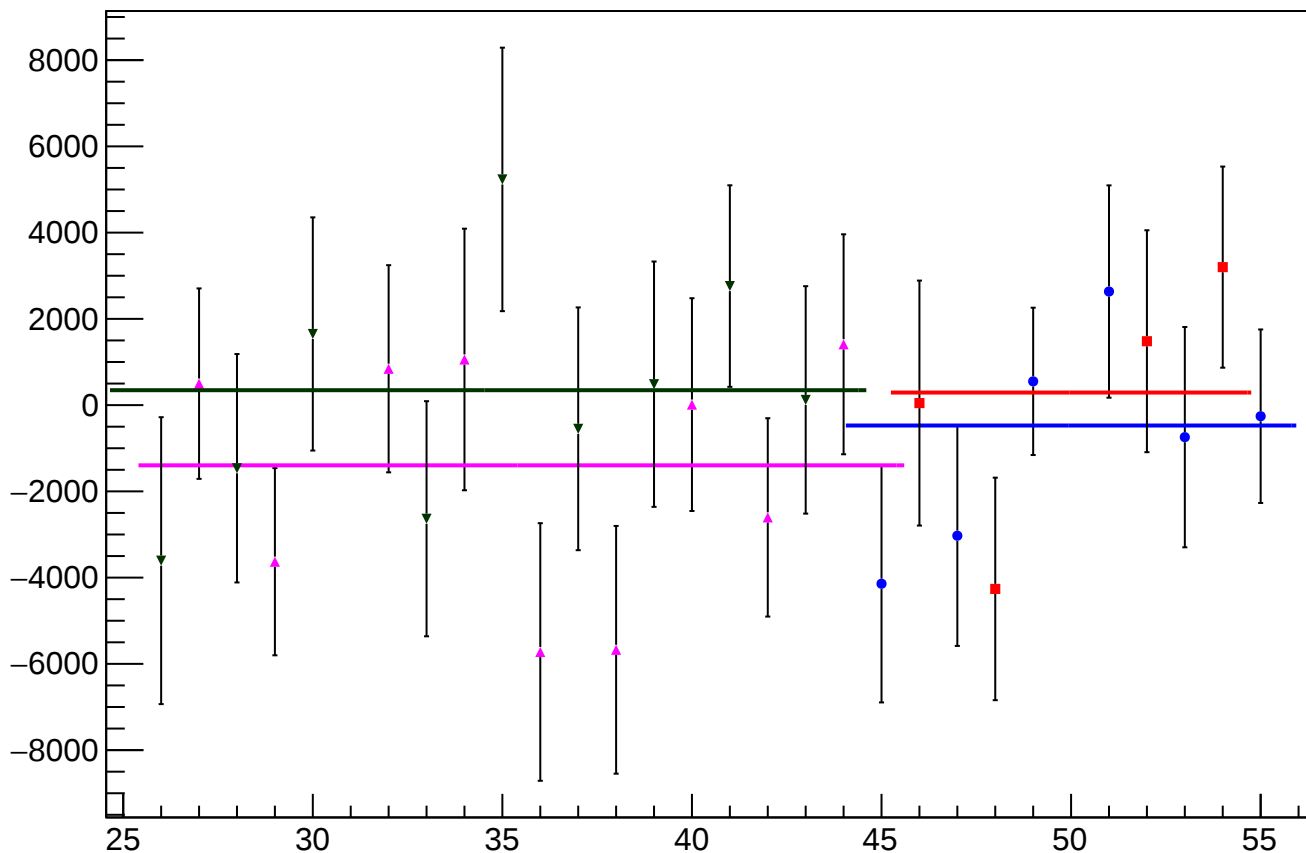
Right Out: 454.283+/-0.226 χ^2/NDF : 7444.9/3

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

445.139+/-0.108 χ^2/NDF : 51535.4/14

447.776+/-0.115 χ^2/NDF : 32810.7/12

asym_sam8_correction_mean vs slug



Right In: -473.002 $\pm$ 915.416 χ^2/NDF : 4.8/5

Left Out: 345.867 $\pm$ 917.400 χ^2/NDF : 7.0/8

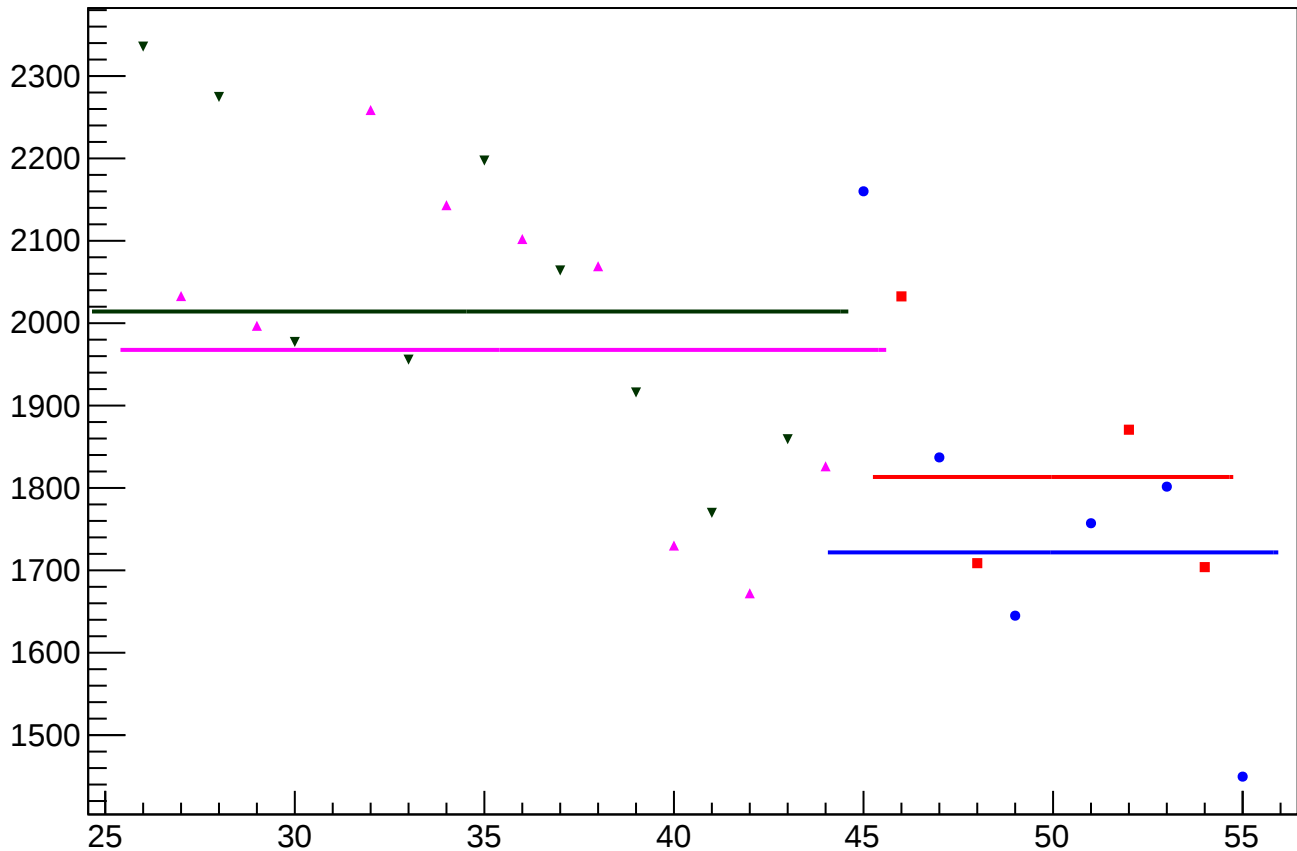
Right Out: 291.576 $\pm$ 1281.245 χ^2/NDF : 4.9/3

Left In: -1396.281 $\pm$ 833.383 χ^2/NDF : 9.5/8

-64.454 $\pm$ 647.997 χ^2/NDF : 12.2/14

-894.482 $\pm$ 698.602 χ^2/NDF : 15.6/12

asym_sam8_correction_rms vs slug



Right In: 1721.783+/-0.647 χ^2 /NDF: 97828.7/5

Left Out: 2014.180+/-0.649 χ^2 /NDF:78312.3/8

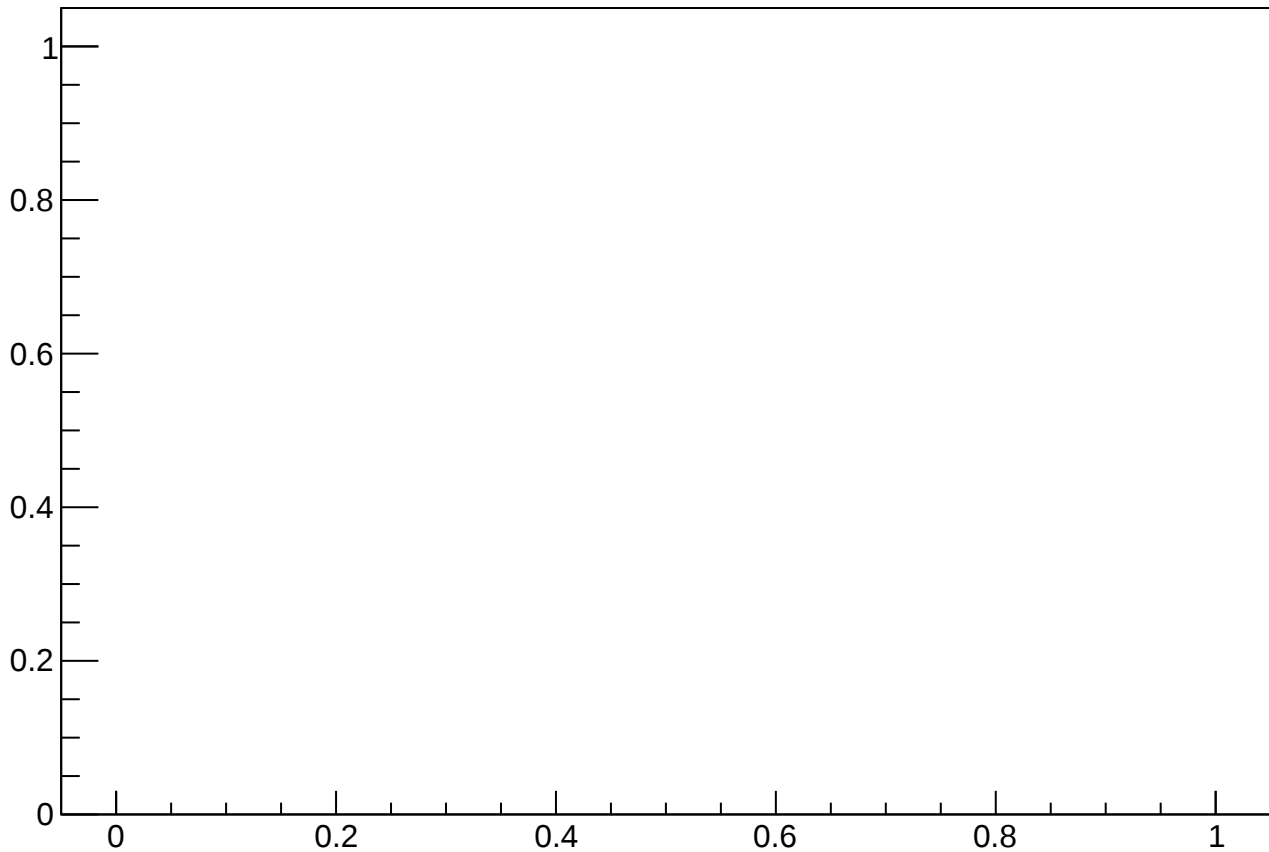
1867.665+/-0.458 χ^2 /NDF: 277945.5/14

Right Out: 1813.326+/-0.906 χ^2 /NDF: 20598.5/3

1921.726+/-0.494 χ^2 /NDF: 143412.8/12

Left In: 1967.588+/-0.589 χ^2 /NDF:102441.7/8

bcm_an_us_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

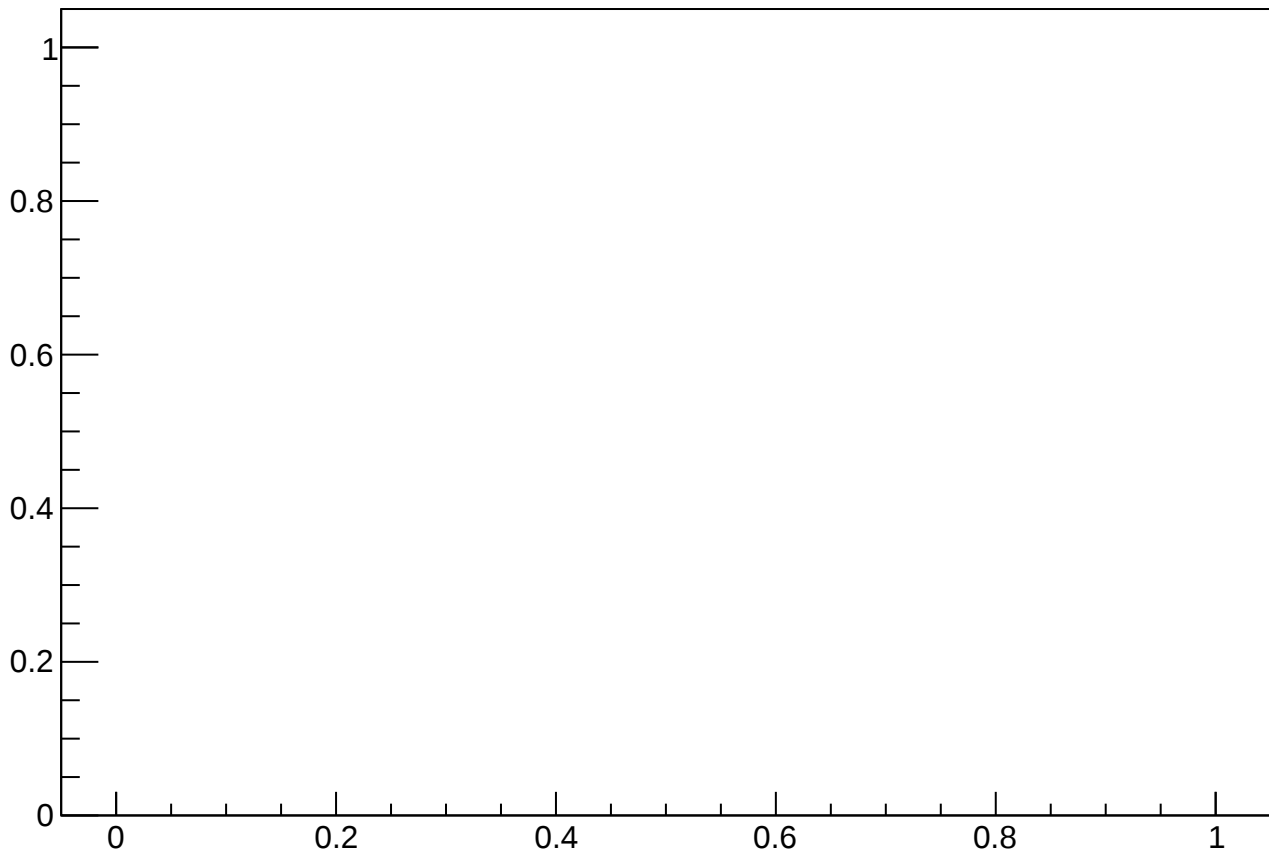
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

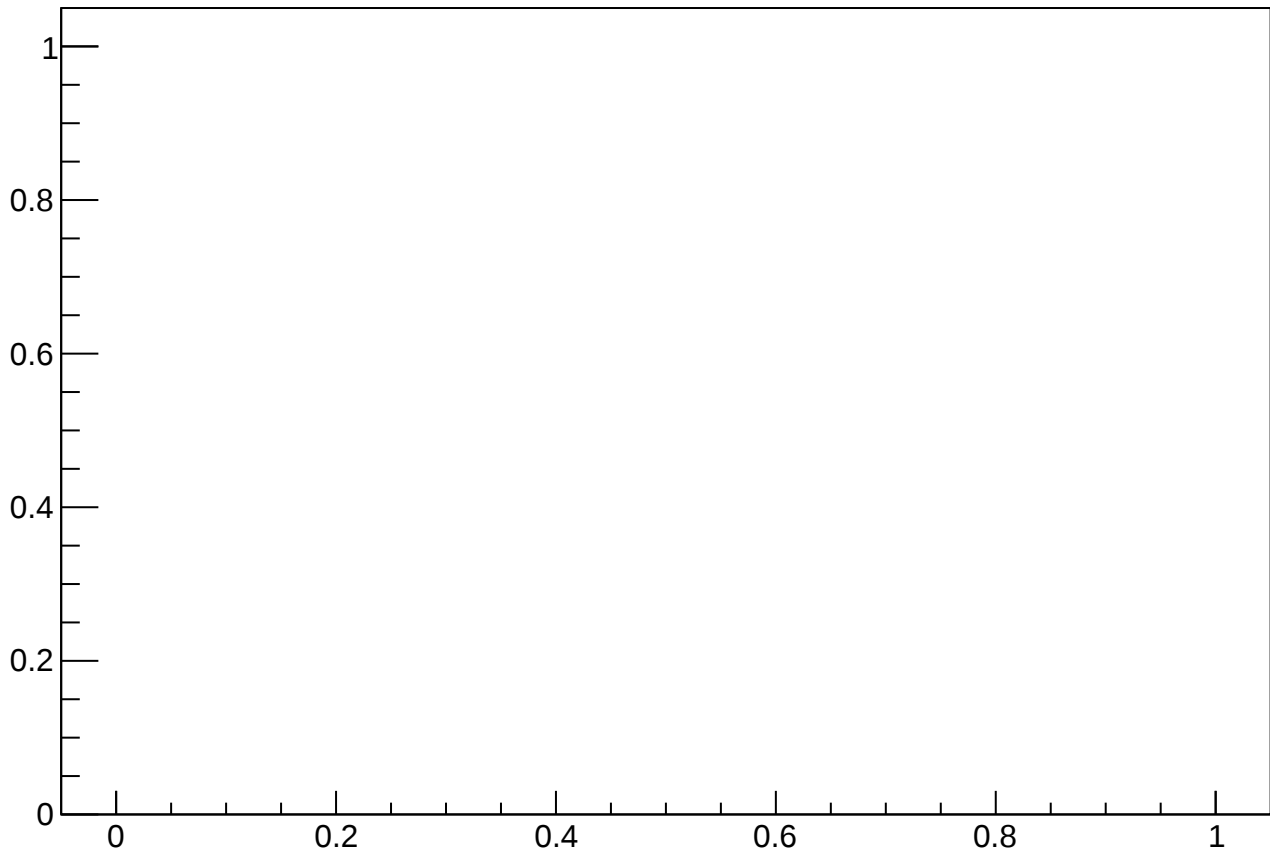
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

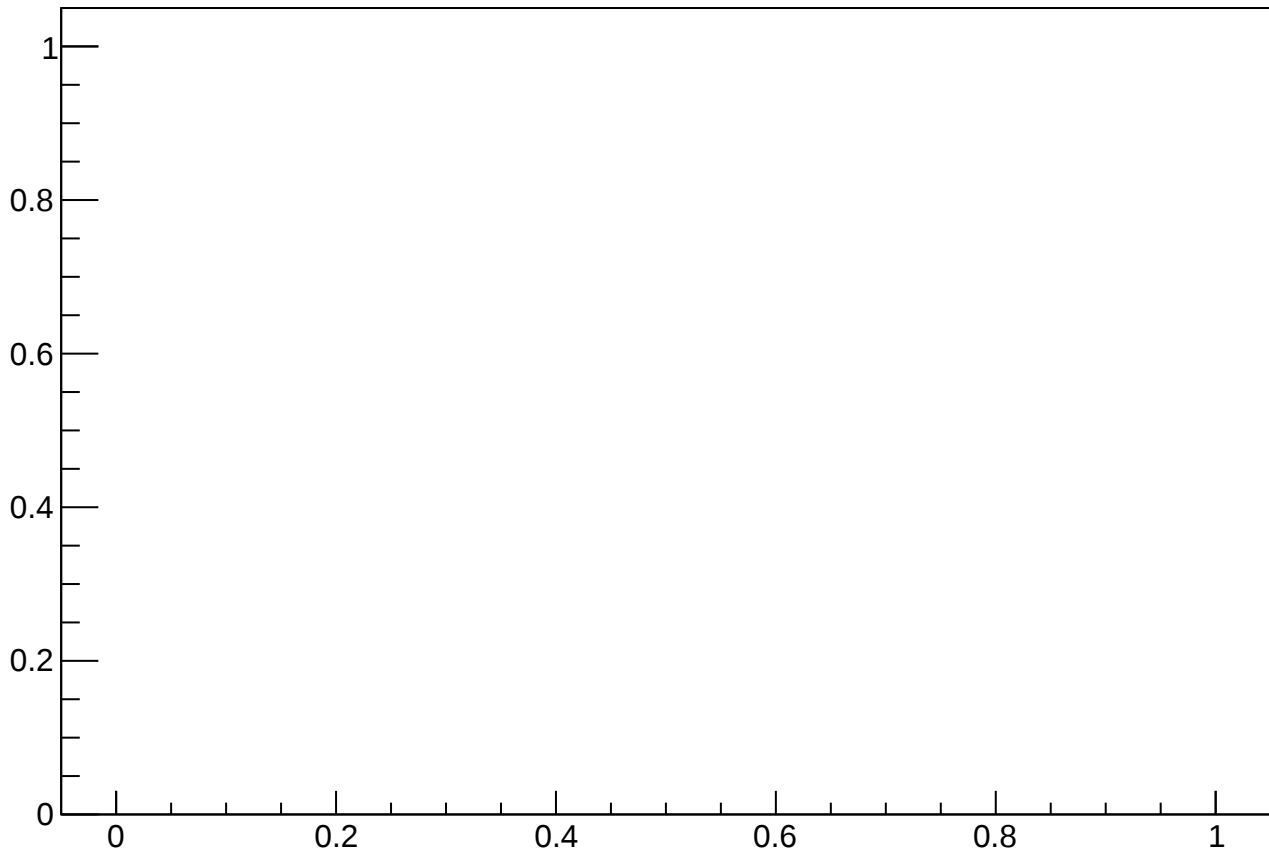
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 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

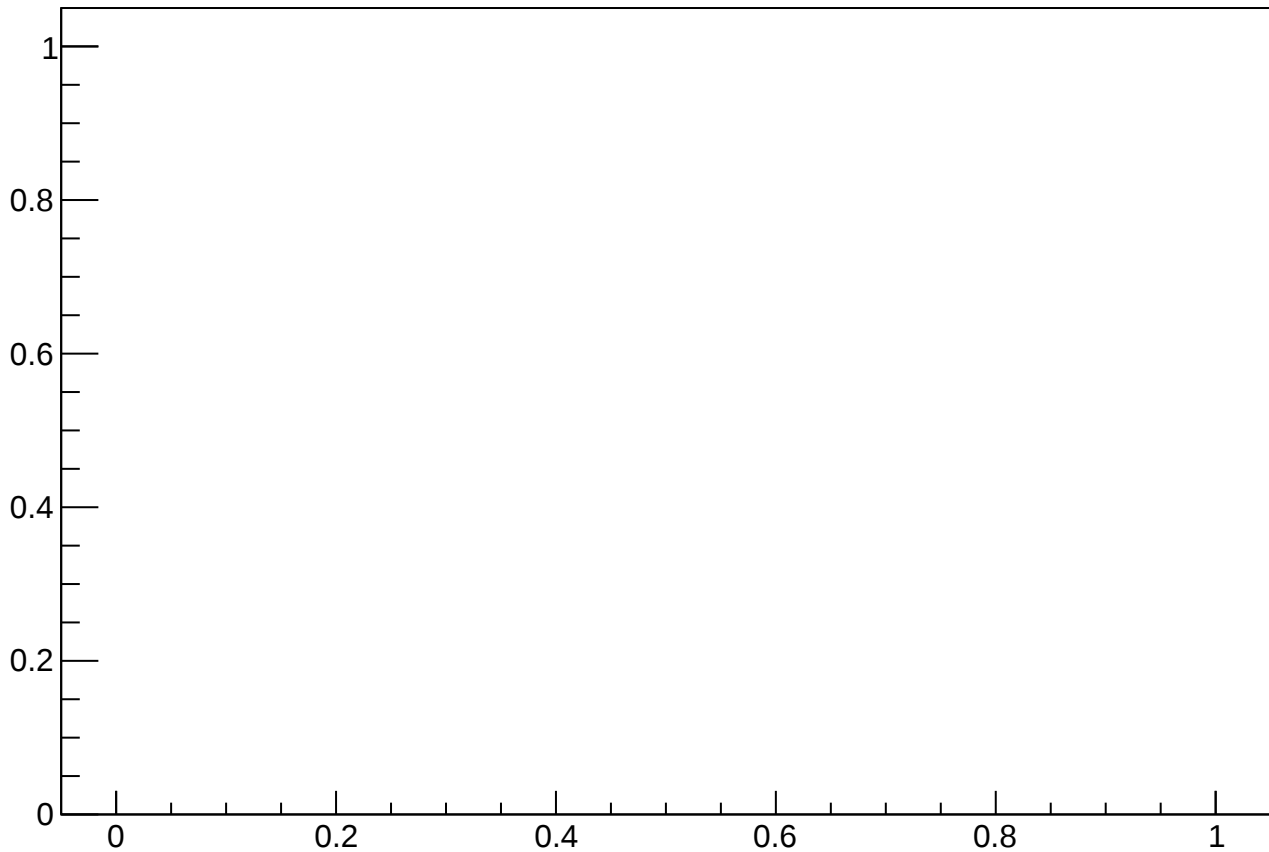
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_mean vs slug



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

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

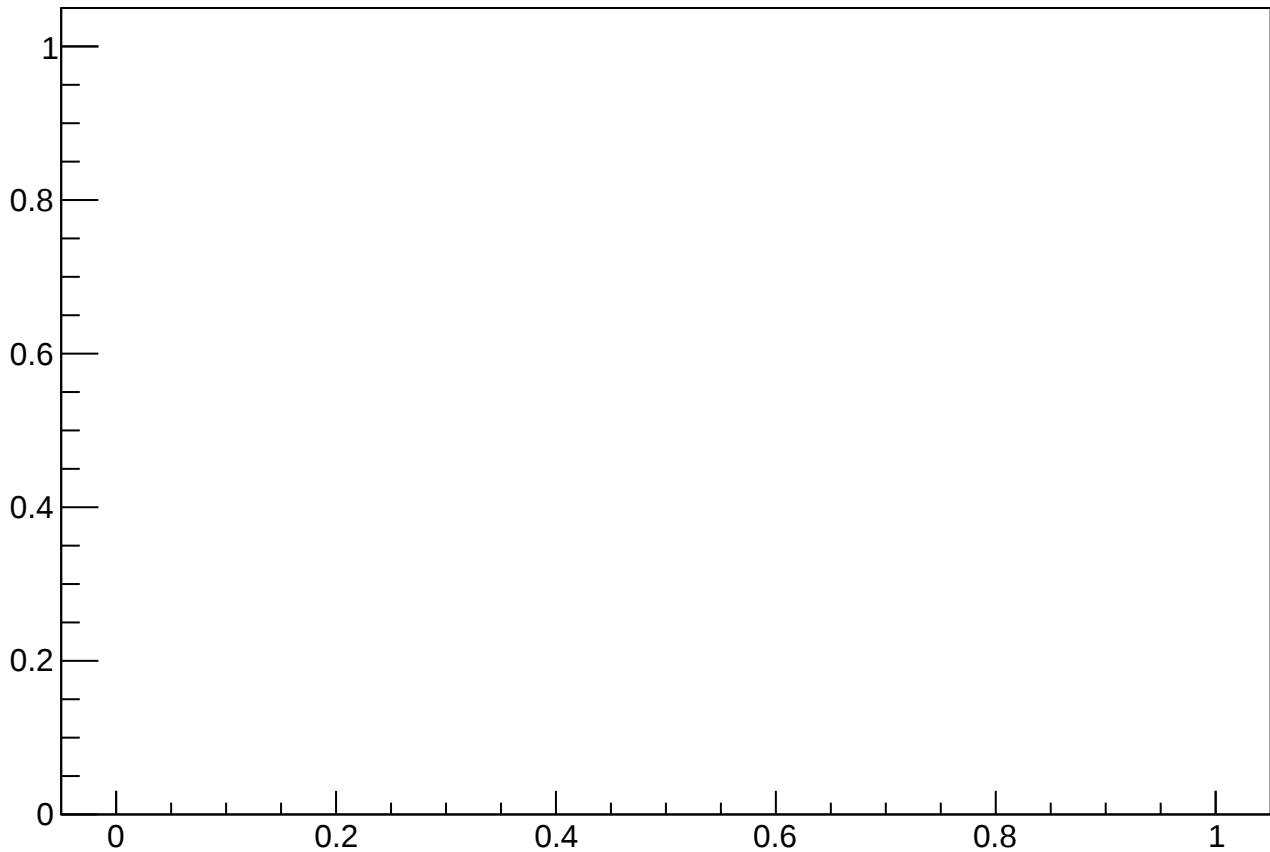
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_avg_rms vs slug



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

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

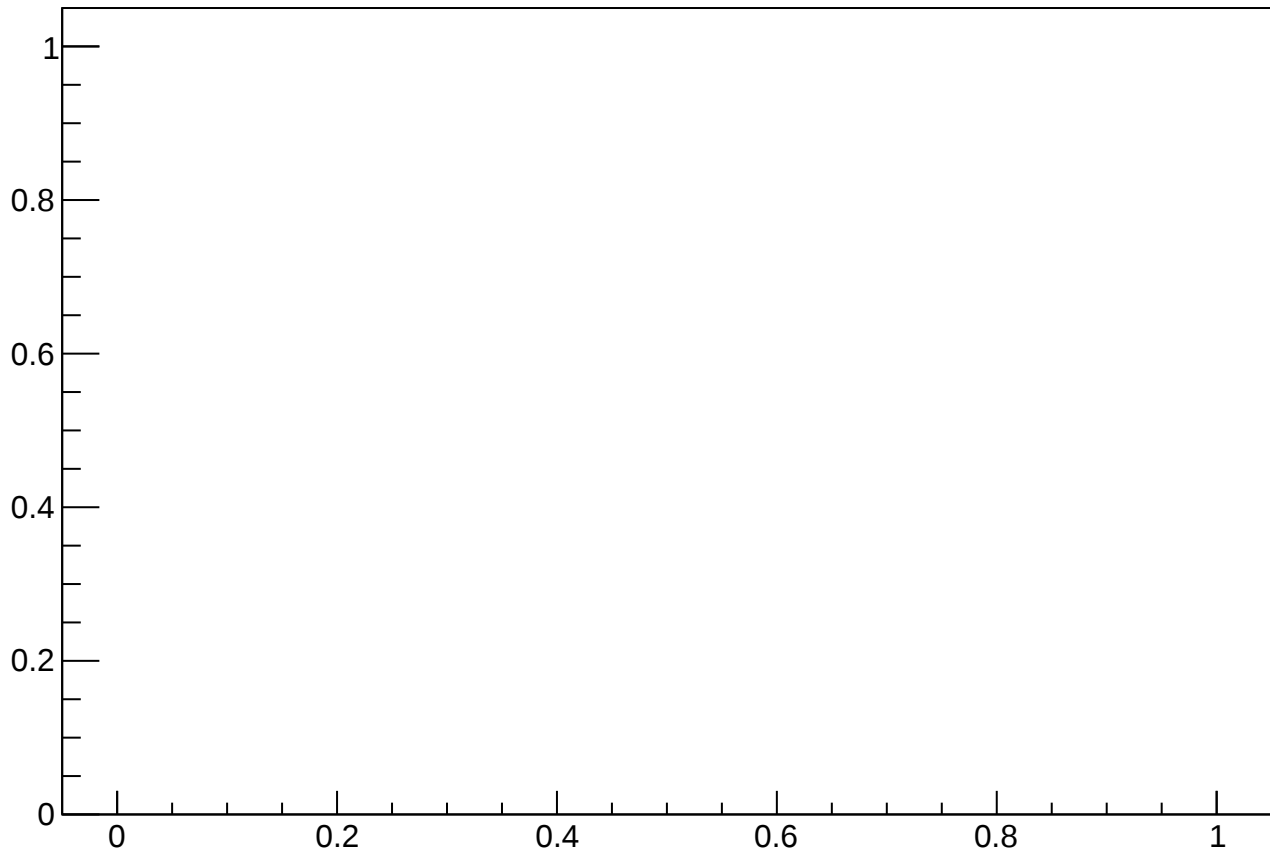
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

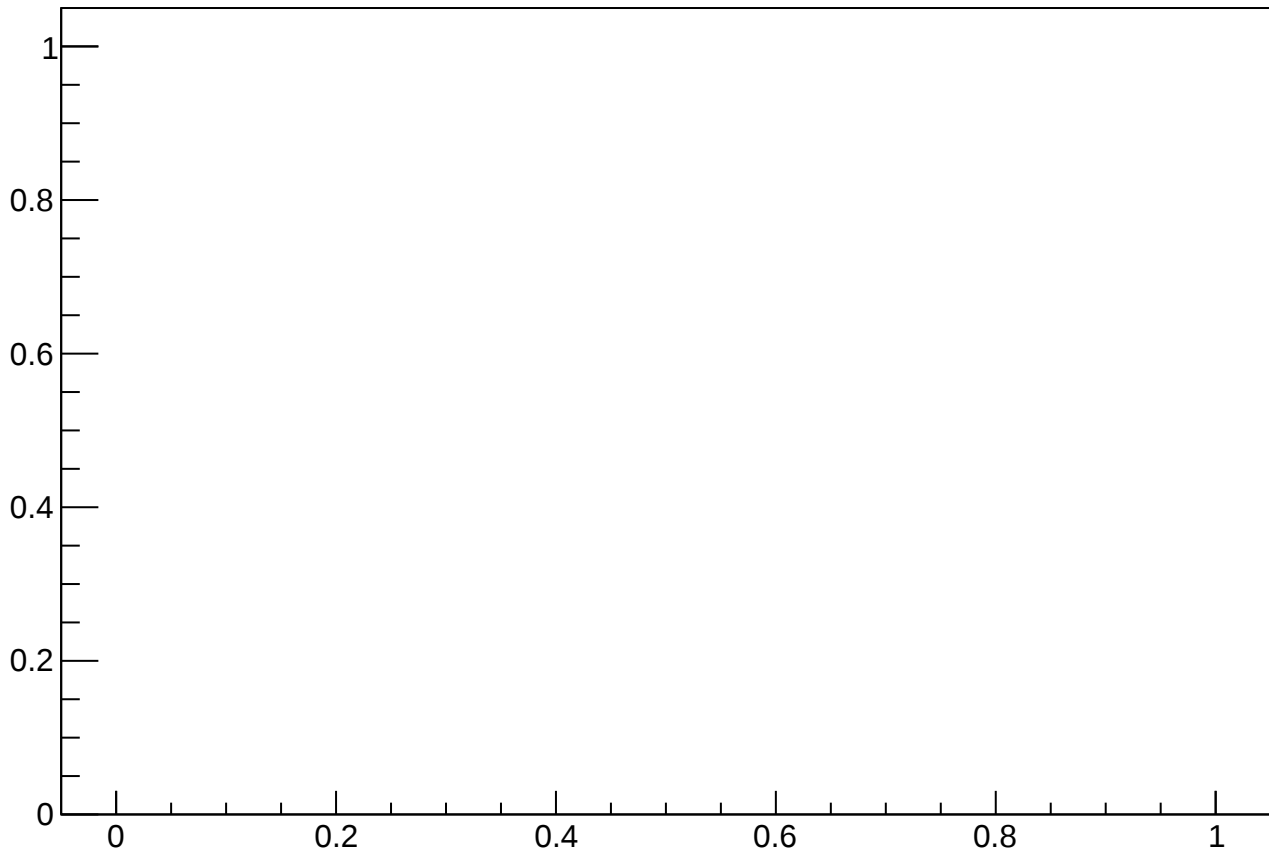
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

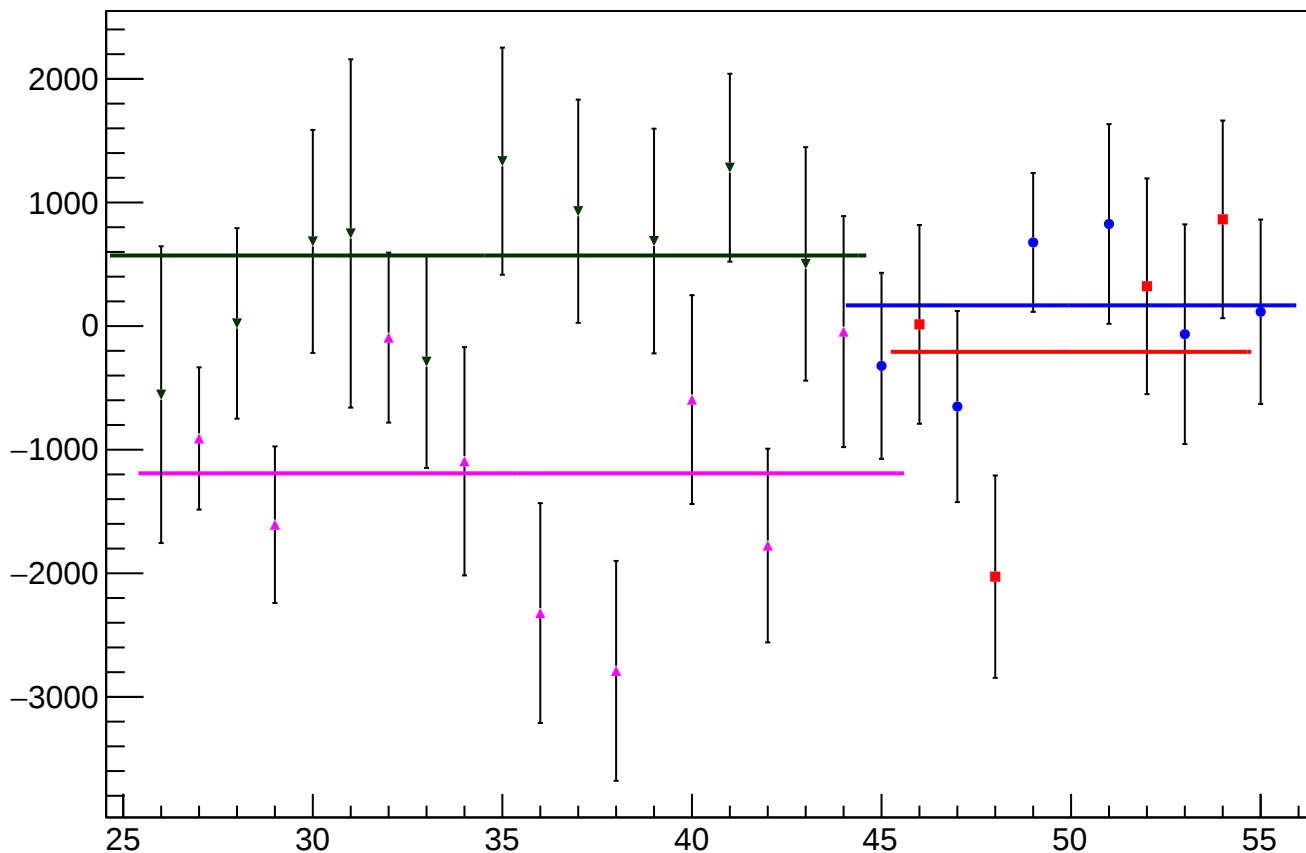
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_left_avg_mean vs slug



Right In: 167.829 $\pm$ 298.794 χ^2 /NDF: 3.1/5

Left Out: 571.316 $\pm$ 289.447 χ^2 /NDF:4.2/9

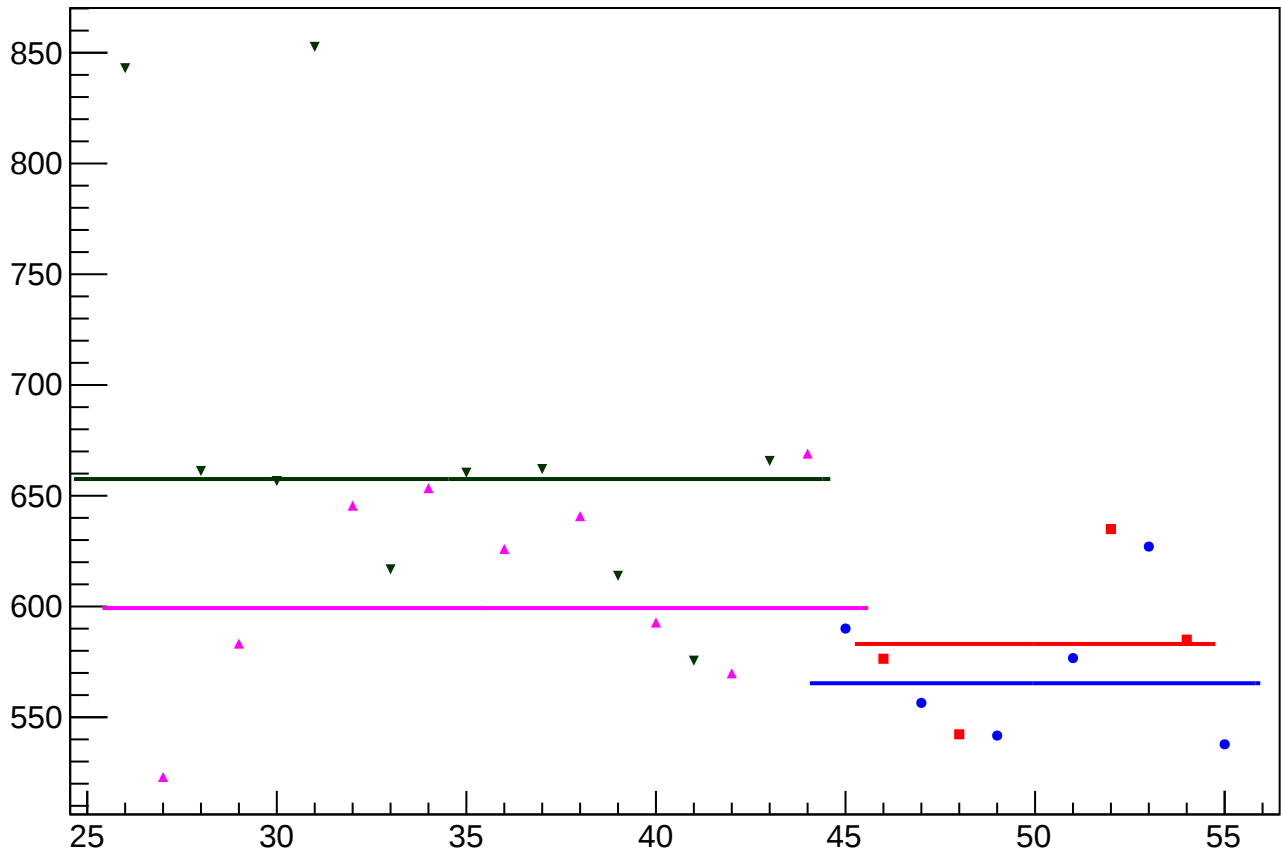
Right Out: -207.804 $\pm$ 411.140 χ^2 /NDF: 7.2/3

Left In: -1191.089 $\pm$ 253.972 χ^2 /NDF:10.6/8

375.982 $\pm$ 207.896 χ^2 /NDF: 8.2/15

-919.512 $\pm$ 216.071 χ^2 /NDF: 22.0/12

asym_left_avg_rms vs slug



Right In: 565.348+/-0.211 χ^2/NDF : 18713.3/5

Left Out: 657.542+/-0.205 χ^2/NDF : 118756.6/9

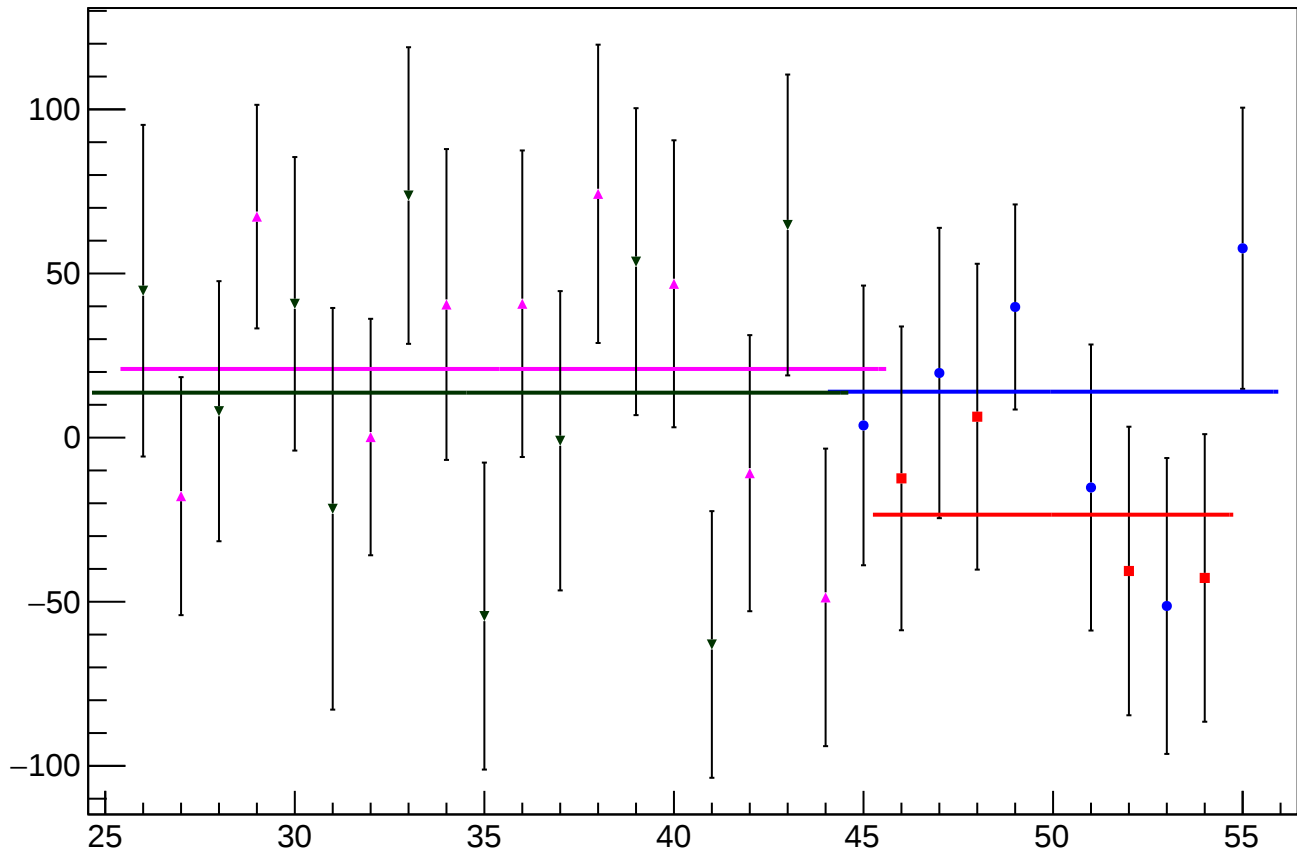
Right Out: 583.084+/-0.291 χ^2/NDF : 12180.6/3

Left In: 599.294+/-0.180 χ^2/NDF : 72539.4/8

612.910+/-0.147 χ^2/NDF : 235700.5/15

594.817+/-0.153 χ^2/NDF : 86970.3/12

asym_left_dd_mean vs slug



Right In: 13.992+/-16.550 χ^2/NDF : 4.3/5

Left Out: 13.695+/-14.488 χ^2/NDF :10.6/9

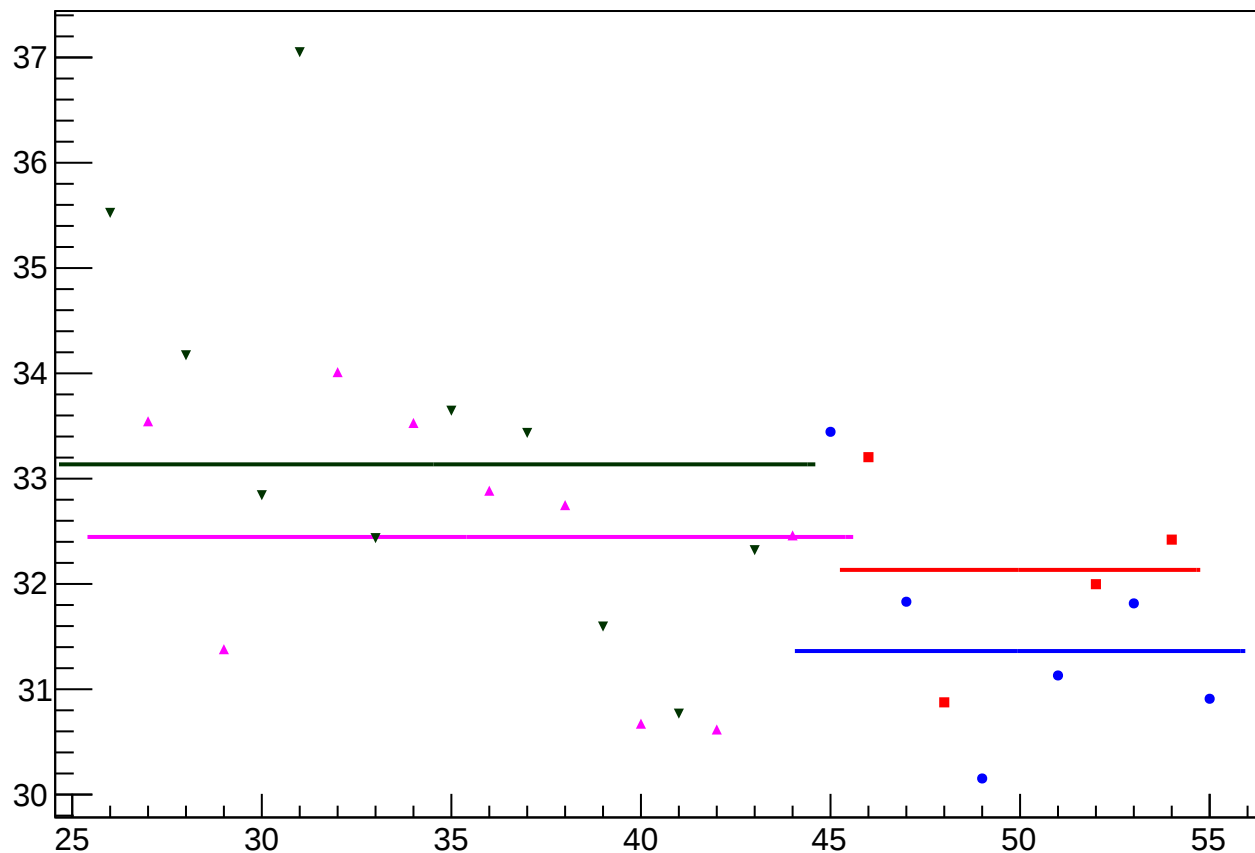
Right Out: -23.477+/-22.551 χ^2/NDF : 0.8/3

Left In: 20.919+/-13.661 χ^2/NDF :8.3/8

13.824+/-10.901 χ^2/NDF : 15.0/15

9.000+/-11.684 χ^2/NDF : 12.0/12

asym_left_dd_rms vs slug



Right In: 31.363+/-0.012 χ^2/NDF : 8483.2/5

Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

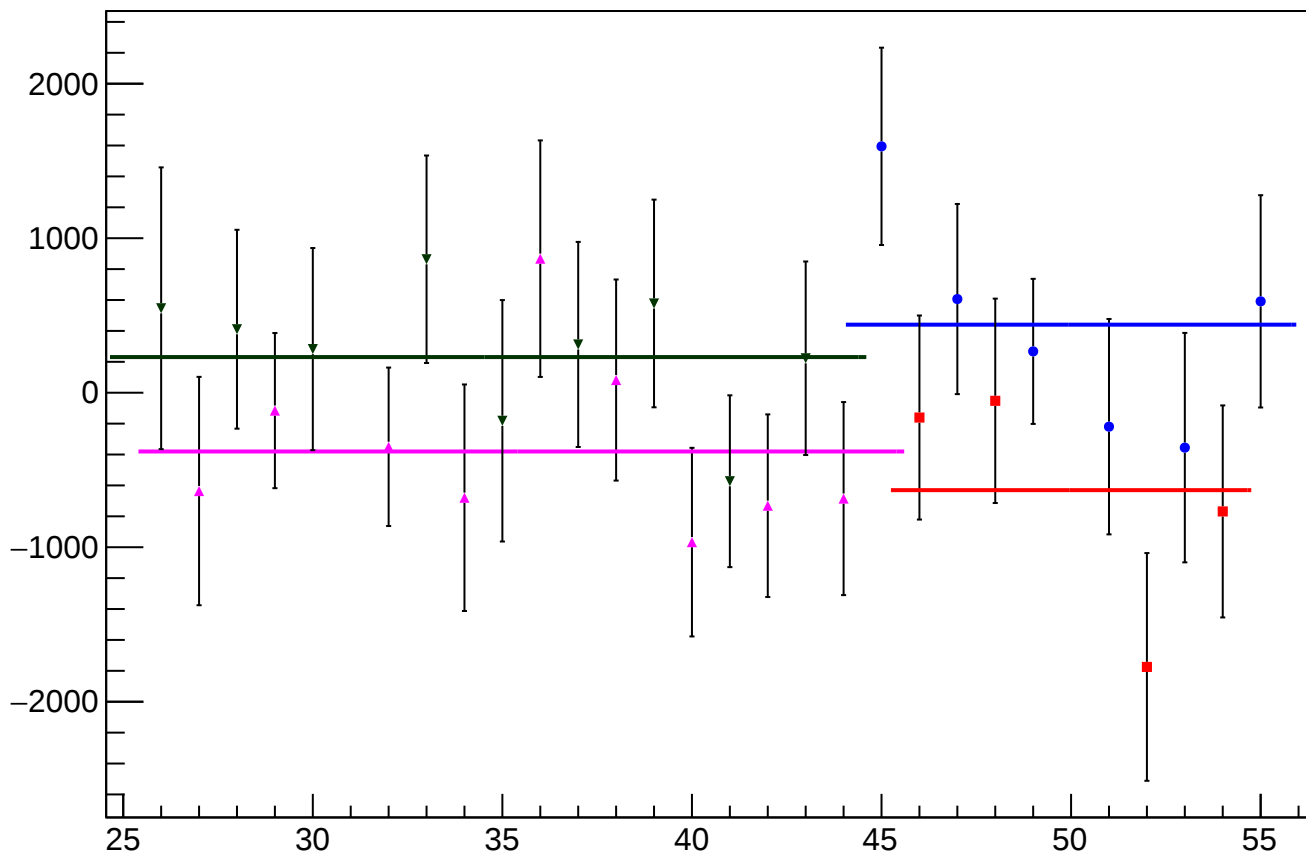
Right Out: 32.134+/-0.016 χ^2/NDF : 2633.5/3

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

32.367+/-0.008 χ^2/NDF : 45986.2/15

32.362+/-0.008 χ^2/NDF : 18869.4/12

asym_right_avg_mean vs slug



Right In: 440.474 $\pm$ 253.031 χ^2 /NDF: 5.6/5

Left Out: 230.682 $\pm$ 223.170 χ^2 /NDF: 3.7/8

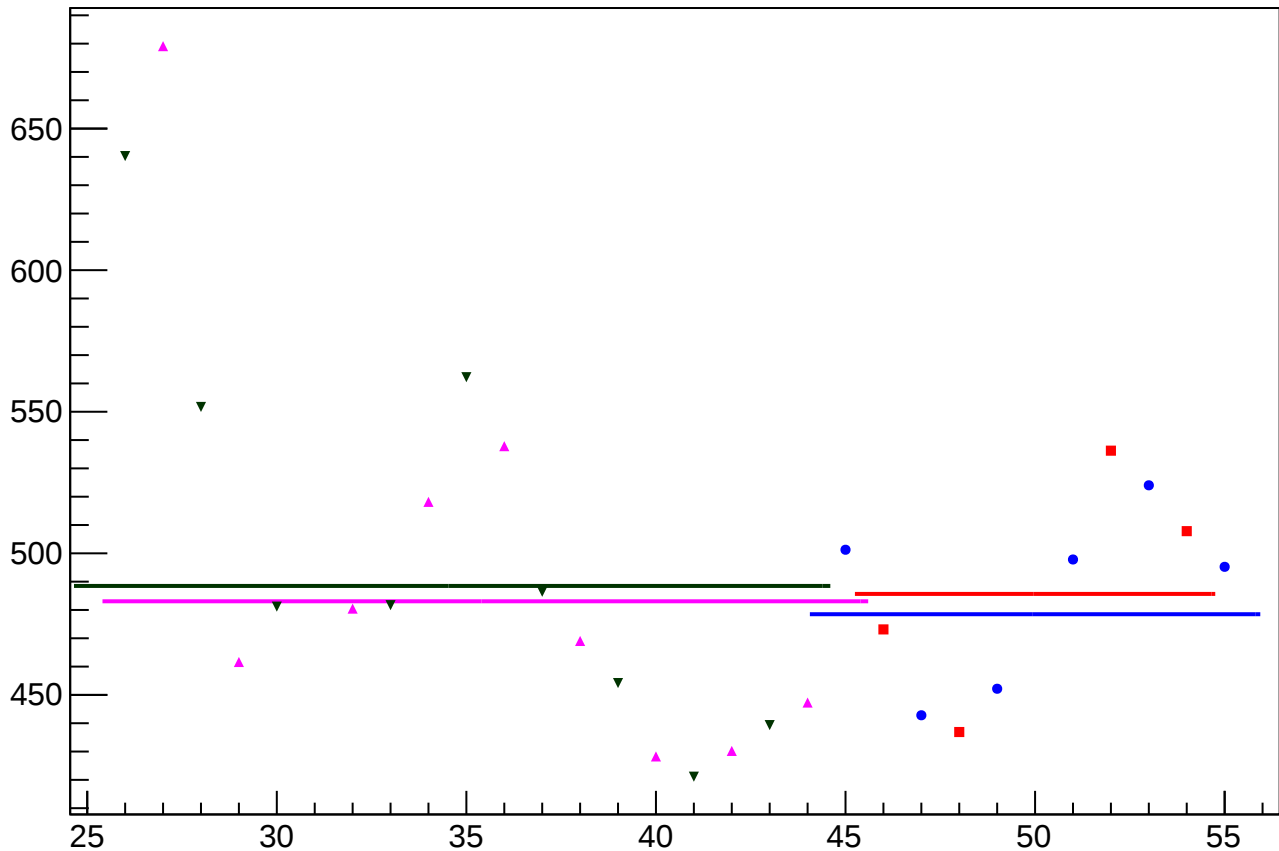
Right Out: -630.584 $\pm$ 342.101 χ^2 /NDF: 3.7/3

Left In: -380.345 $\pm$ 205.678 χ^2 /NDF: 5.2/8

322.474 $\pm$ 167.372 χ^2 /NDF: 9.7/14

-446.783 $\pm$ 176.272 χ^2 /NDF: 9.4/12

asym_right_avg_rms vs slug



Right In: 478.496+/-0.179 χ^2/NDF : 25795.3/5

Left Out: 488.486+/-0.158 χ^2/NDF :139883.7/8

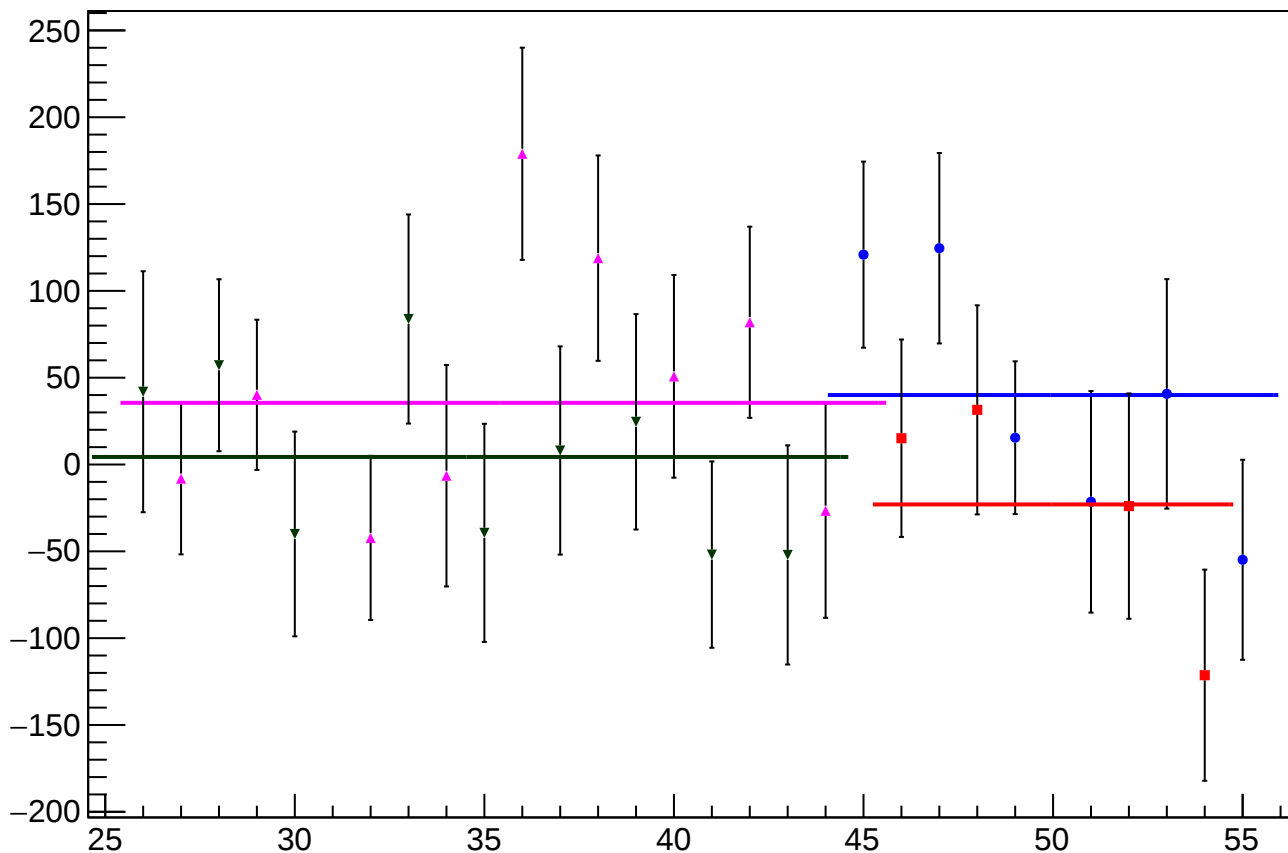
Right Out: 485.667+/-0.242 χ^2/NDF : 23105.9/3

Left In: 483.060+/-0.145 χ^2/NDF :198862.0/8

484.115+/-0.118 χ^2/NDF : 167432.4/14

483.752+/-0.125 χ^2/NDF : 222053.2/12

asym_right_dd_mean vs slug



Right In: 40.023+/-22.510 χ^2/NDF : 8.6/5

Left Out: 4.356+/-19.730 χ^2/NDF : 6.2/8

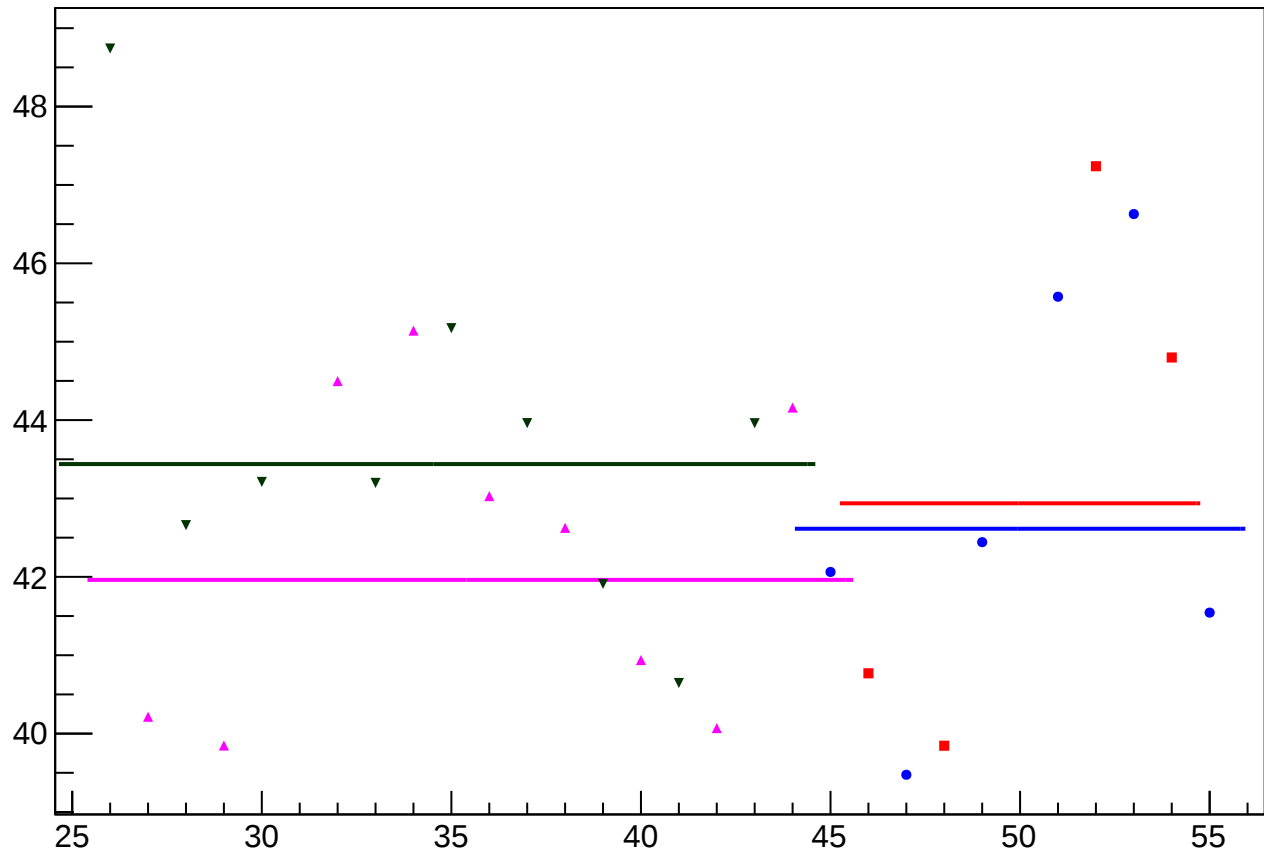
Right Out: -22.992+/-30.244 χ^2/NDF : 3.9/3

Left In: 35.527+/-17.692 χ^2/NDF : 13.4/8

19.852+/-14.837 χ^2/NDF : 16.3/14

20.607+/-15.271 χ^2/NDF : 20.1/12

asym_right_dd_rms vs slug



Right In: 42.614+/-0.016 χ^2/NDF : 19174.8/5

Left Out: 43.439+/-0.014 χ^2/NDF :20677.6/8

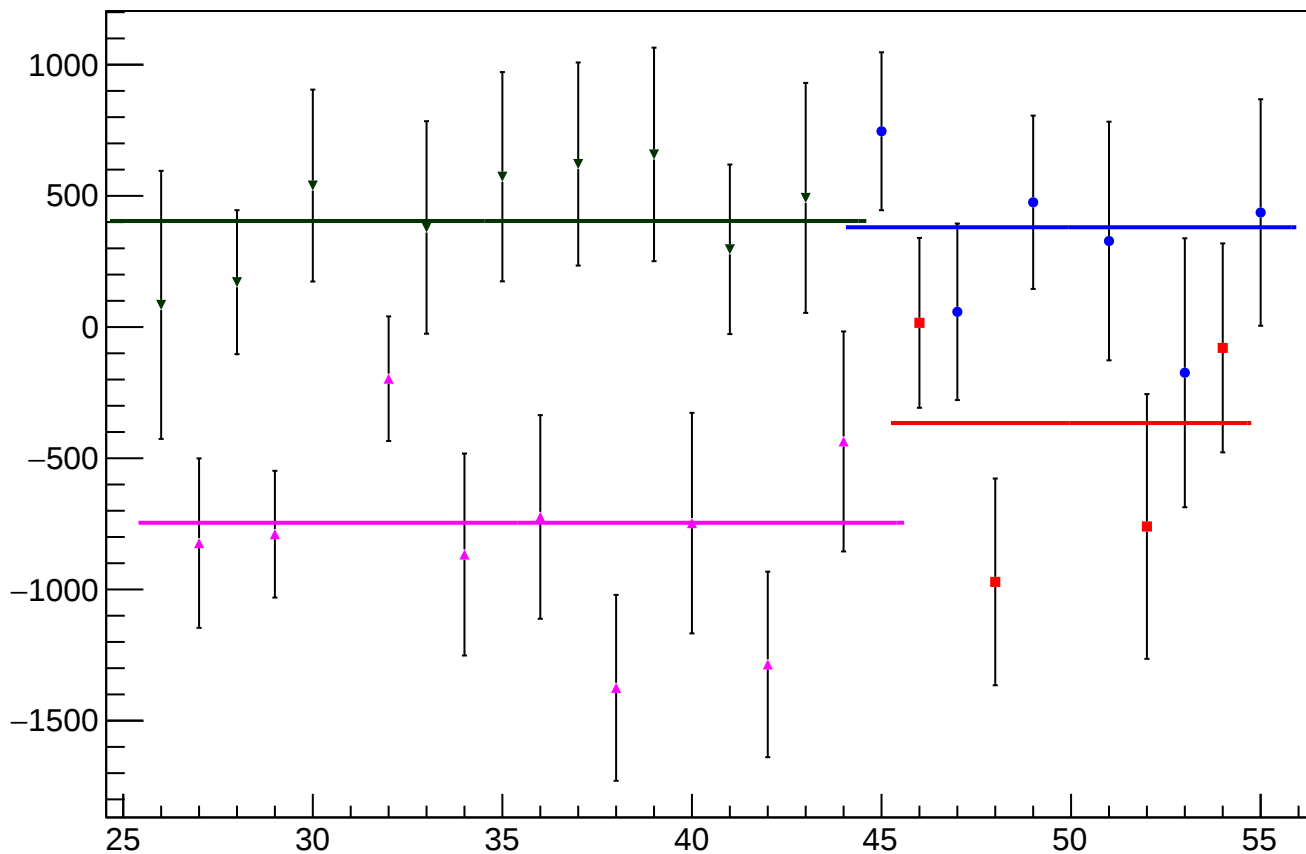
Right Out: 42.938+/-0.021 χ^2/NDF : 18843.6/3

Left In: 41.961+/-0.013 χ^2/NDF :25099.4/8

43.080+/-0.010 χ^2/NDF : 41372.6/14

42.210+/-0.011 χ^2/NDF : 45497.1/12

asym_us_avg_mean vs slug



Right In: 380.418 ± 152.386 $\chi^2/\text{NDF}: 3.7/5$

Left Out: 404.336 ± 124.534 $\chi^2/\text{NDF}: 2.3/8$

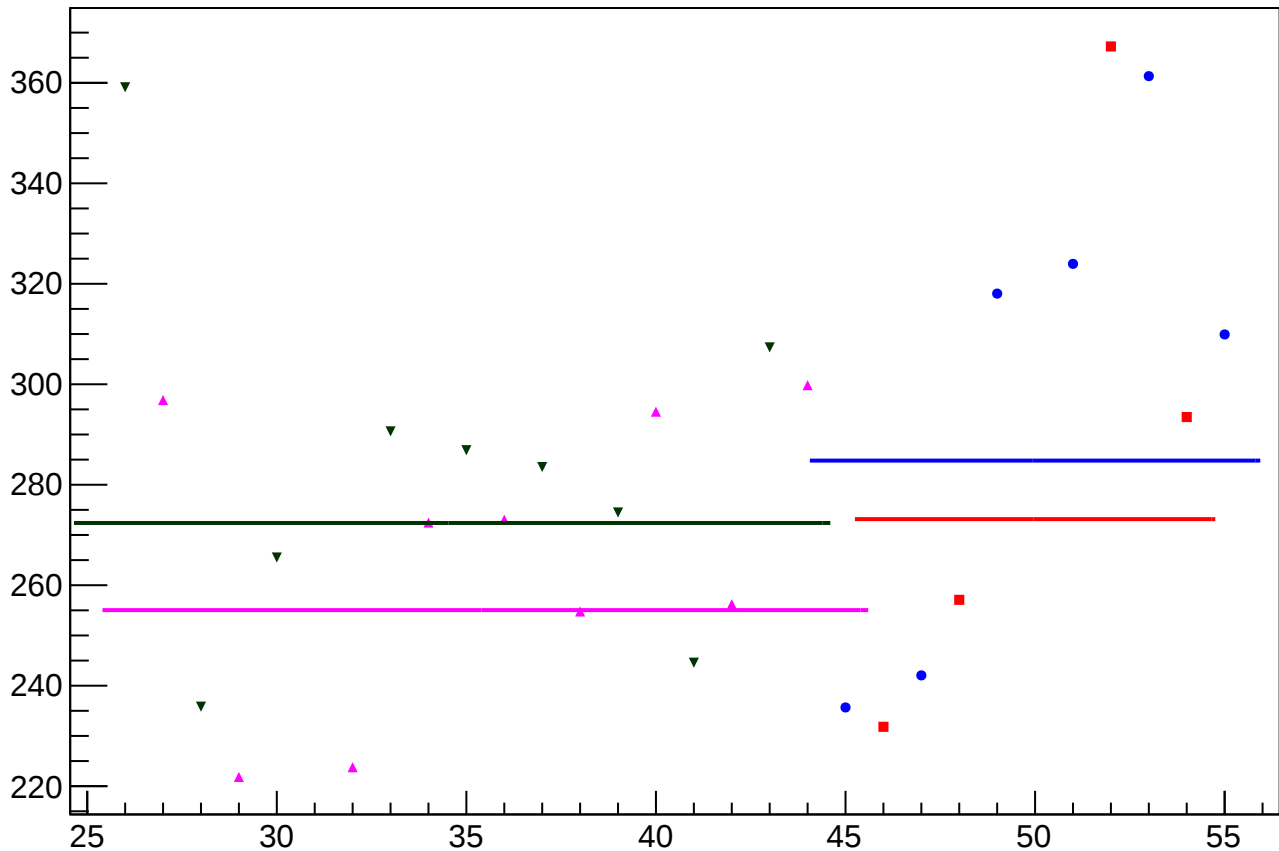
Right Out: -365.707 ± 195.288 $\chi^2/\text{NDF}: 4.9/3$

Left In: -745.763 ± 108.353 $\chi^2/\text{NDF}: 11.6/8$

394.759 ± 96.429 $\chi^2/\text{NDF}: 6.0/14$

-656.305 ± 94.746 $\chi^2/\text{NDF}: 19.3/12$

asym_us_avg_rms vs slug



Right In: 284.806+/-0.108 χ^2/NDF : 172110.1/5

Left Out: 272.390+/-0.088 χ^2/NDF :129813.8/8

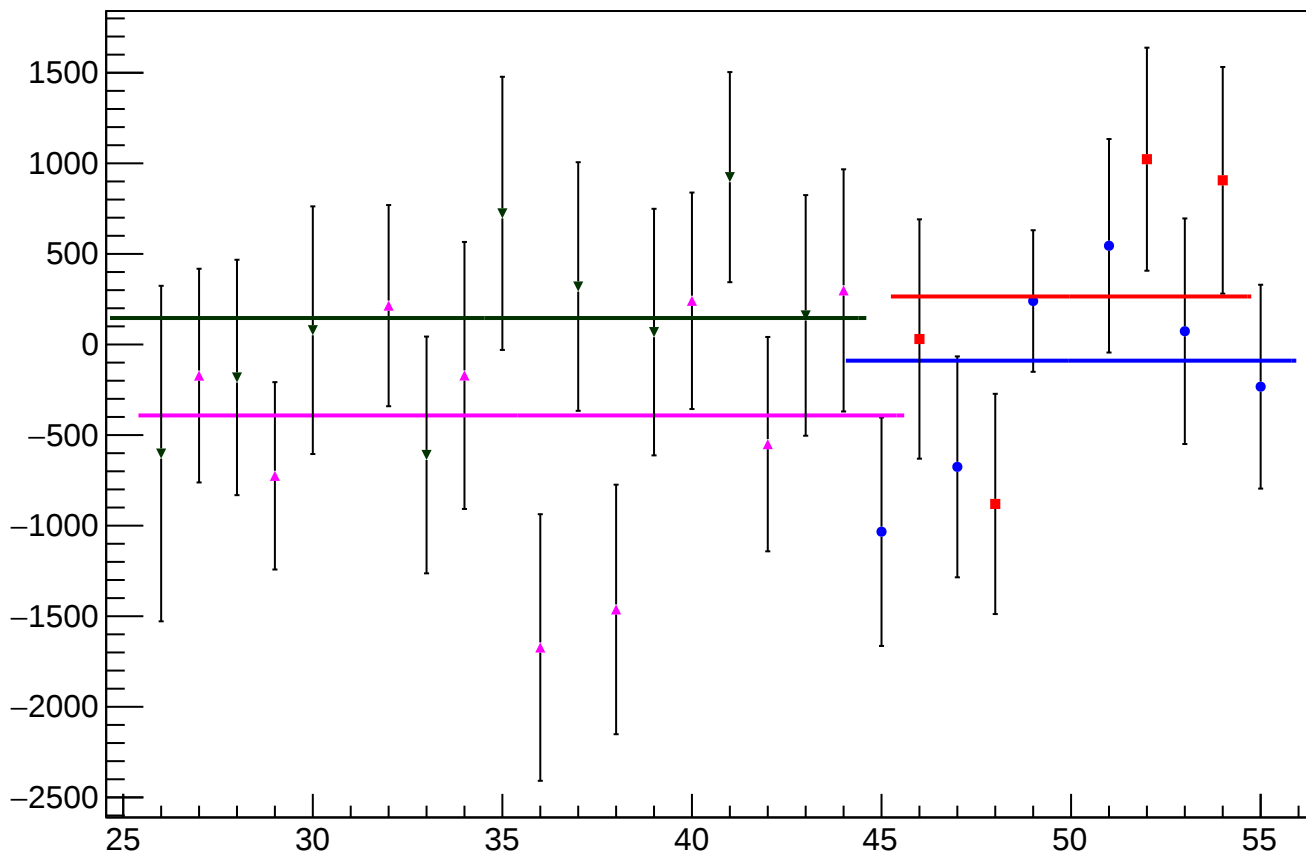
Right Out: 273.152+/-0.138 χ^2/NDF : 110696.0/3

Left In: 255.044+/-0.077 χ^2/NDF :154924.7/8

277.362+/-0.068 χ^2/NDF : 309884.2/14

259.306+/-0.067 χ^2/NDF : 278769.1/12

asym_us_dd_mean vs slug



Right In: -89.340 ± 221.559 χ^2/NDF : 5.2/5

Left Out: 146.103 ± 227.629 χ^2/NDF : 4.7/8

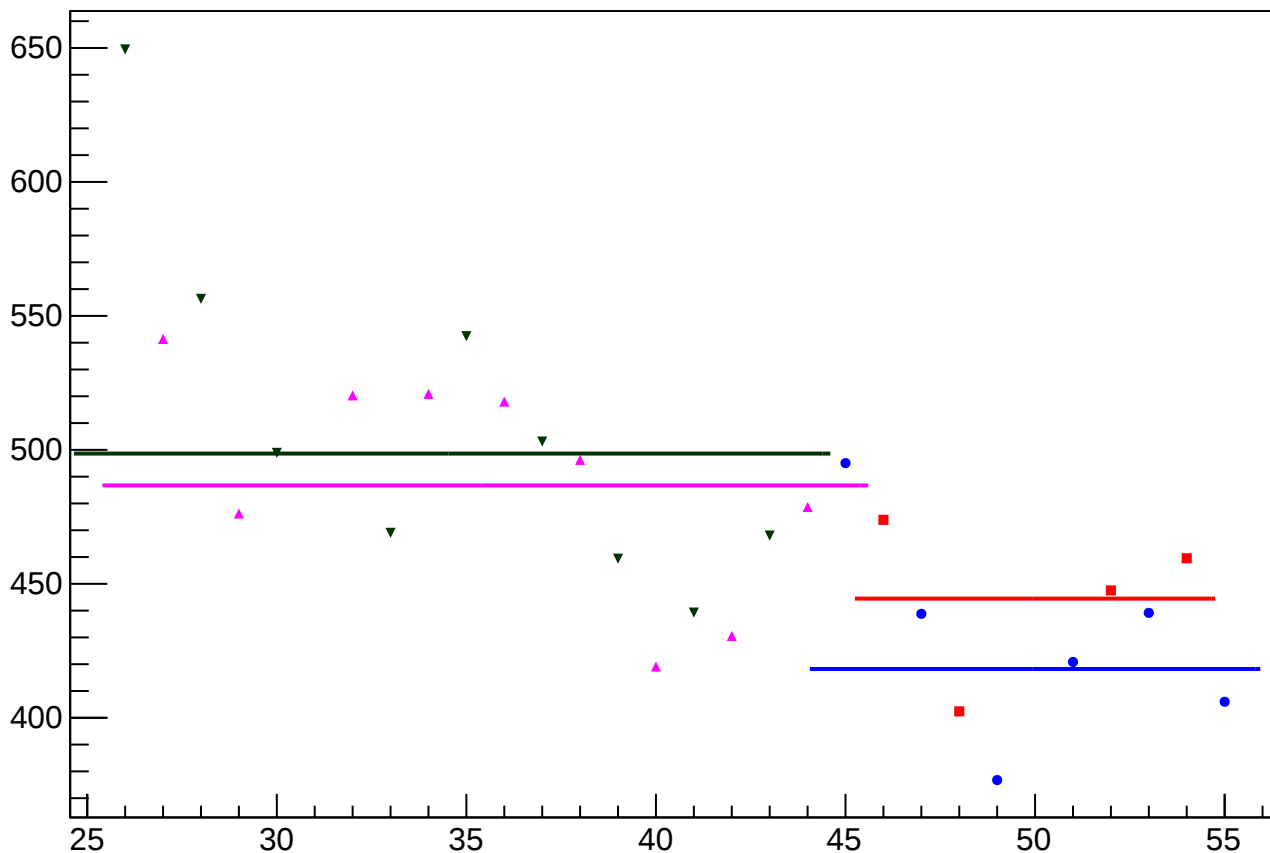
Right Out: 265.085 ± 313.241 χ^2/NDF : 6.2/3

Left In: -391.655 ± 206.066 χ^2/NDF : 9.5/8

25.201 ± 158.769 χ^2/NDF : 10.4/14

-193.287 ± 172.154 χ^2/NDF : 18.9/12

asym_us_dd_rms vs slug



Right In: 418.213+/-0.157 χ^2/NDF : 57729.1/5

Left Out: 498.620+/-0.161 χ^2/NDF : 111631.8/8

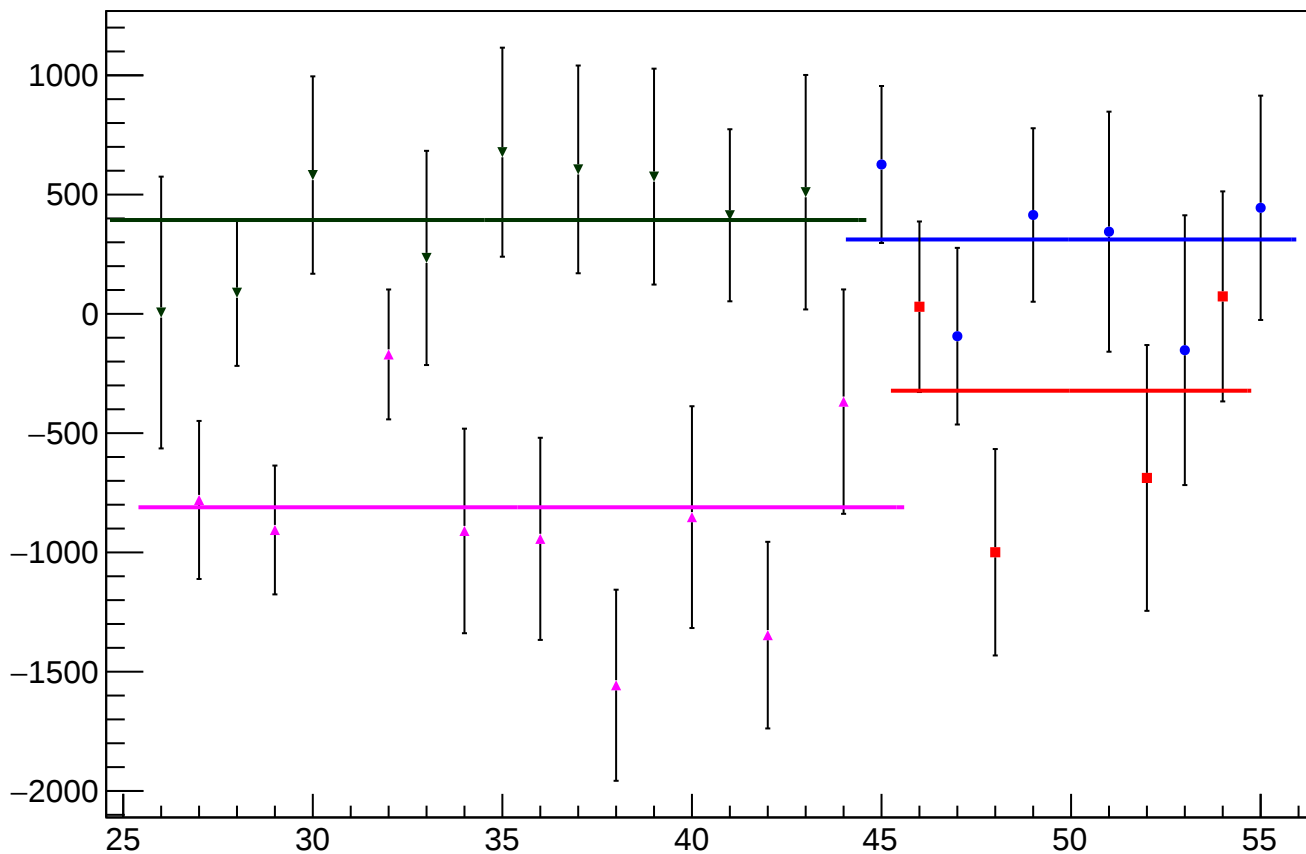
Right Out: 444.479+/-0.221 χ^2/NDF : 14754.5/3

Left In: 486.730+/-0.146 χ^2/NDF : 77533.5/8

457.330+/-0.112 χ^2/NDF : 297508.0/14

473.968+/-0.122 χ^2/NDF : 117684.5/12

asym_ds_avg_mean vs slug



Right In: 311.821+/-167.374 χ^2/NDF : 2.9/5

Left Out: 393.410+/-139.060 χ^2/NDF : 2.7/8

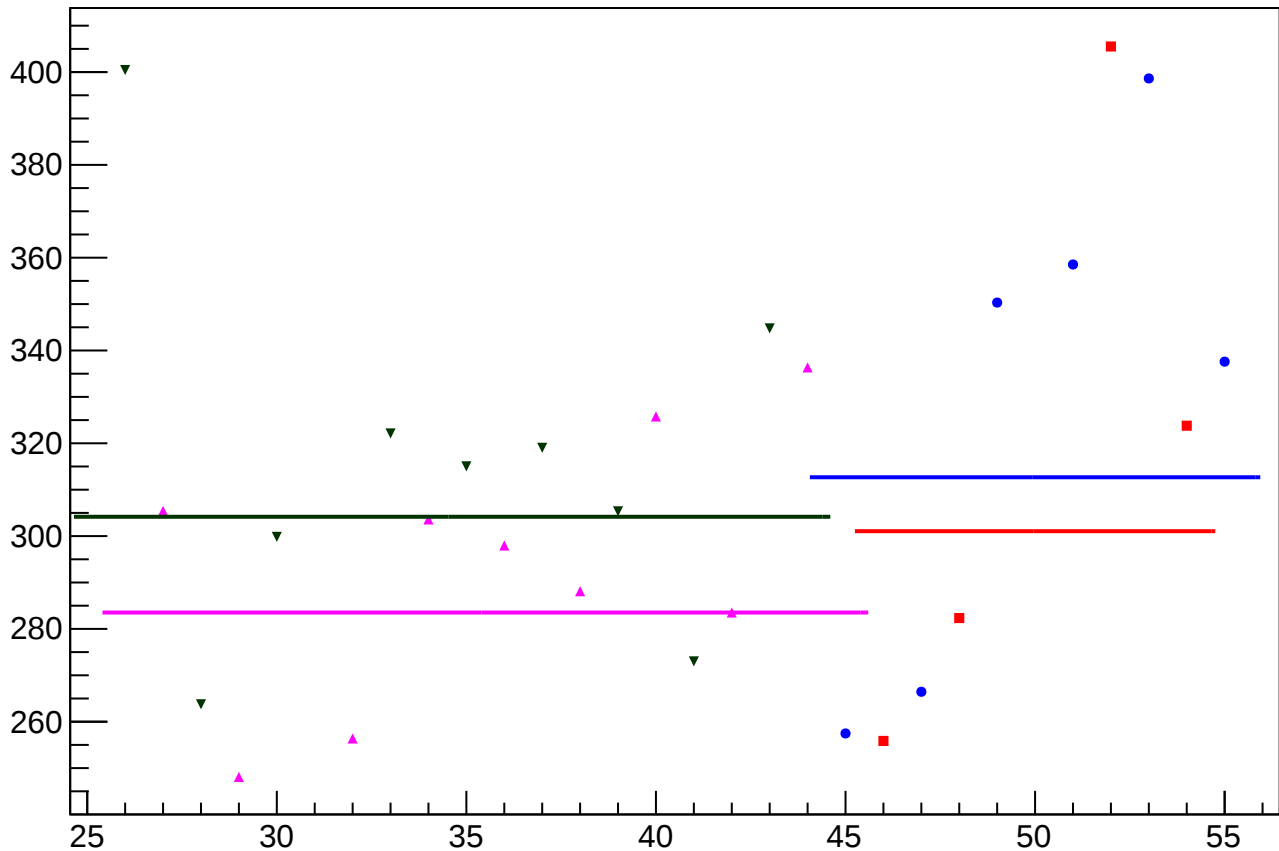
Right Out: -322.169+/-215.413 χ^2/NDF : 4.7/3

Left In: -810.762+/-120.173 χ^2/NDF : 12.1/8

360.090+/-106.960 χ^2/NDF : 5.8/14

-694.793+/-104.947 χ^2/NDF : 20.6/12

asym_ds_avg_rms vs slug



Right In: 312.681+/-0.118 χ^2/NDF : 177375.6/5

Left Out: 304.167+/-0.098 χ^2/NDF :127437.9/8

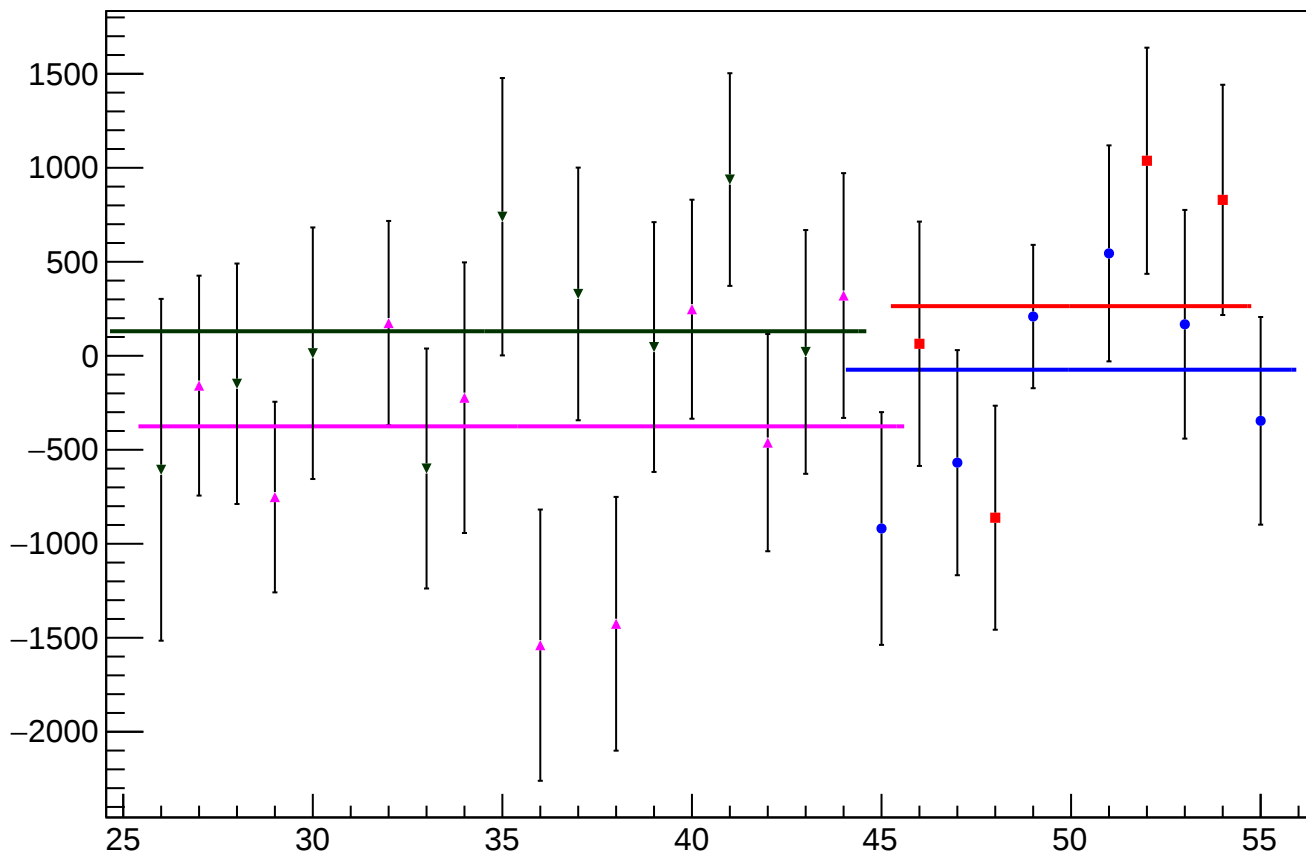
Right Out: 301.059+/-0.152 χ^2/NDF : 111360.4/3

Left In: 283.531+/-0.085 χ^2/NDF :111768.2/8

307.644+/-0.076 χ^2/NDF : 307875.1/14

287.691+/-0.074 χ^2/NDF : 233226.8/12

asym_ds_dd_mean vs slug



Right In: -74.099 +/- 216.740 χ^2/NDF : 4.7/5

Left Out: 130.578 +/- 222.704 χ^2/NDF : 5.0/8

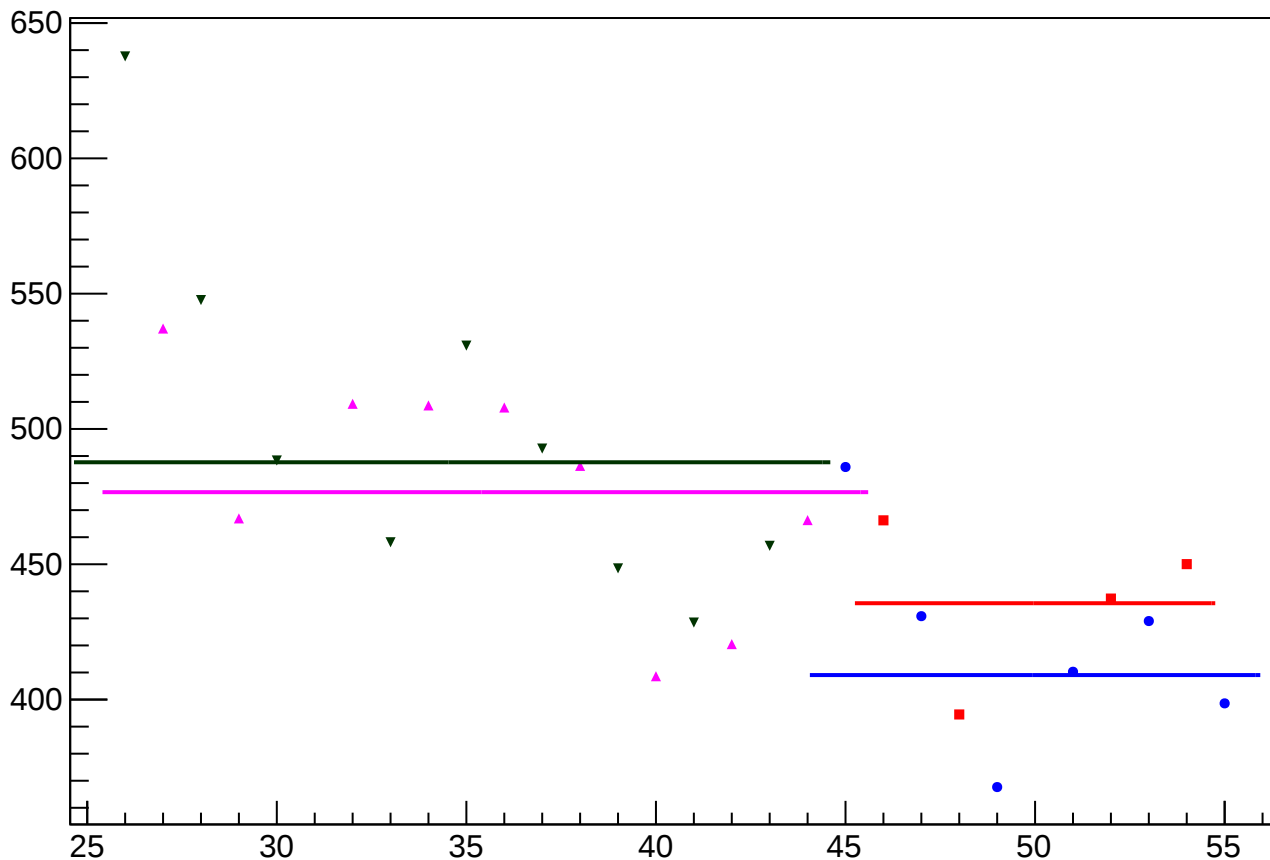
Right Out: 264.103 +/- 306.964 χ^2/NDF : 6.2/3

Left In: -375.302 +/- 201.841 χ^2/NDF : 9.1/8

25.462 +/- 155.324 χ^2/NDF : 10.1/14

-182.298 +/- 168.649 χ^2/NDF : 18.3/12

asym_ds_dd_rms vs slug



Right In: 409.053+/-0.153 χ^2/NDF : 59945.7/5

Left Out: 487.691+/-0.157 χ^2/NDF :116664.7/8

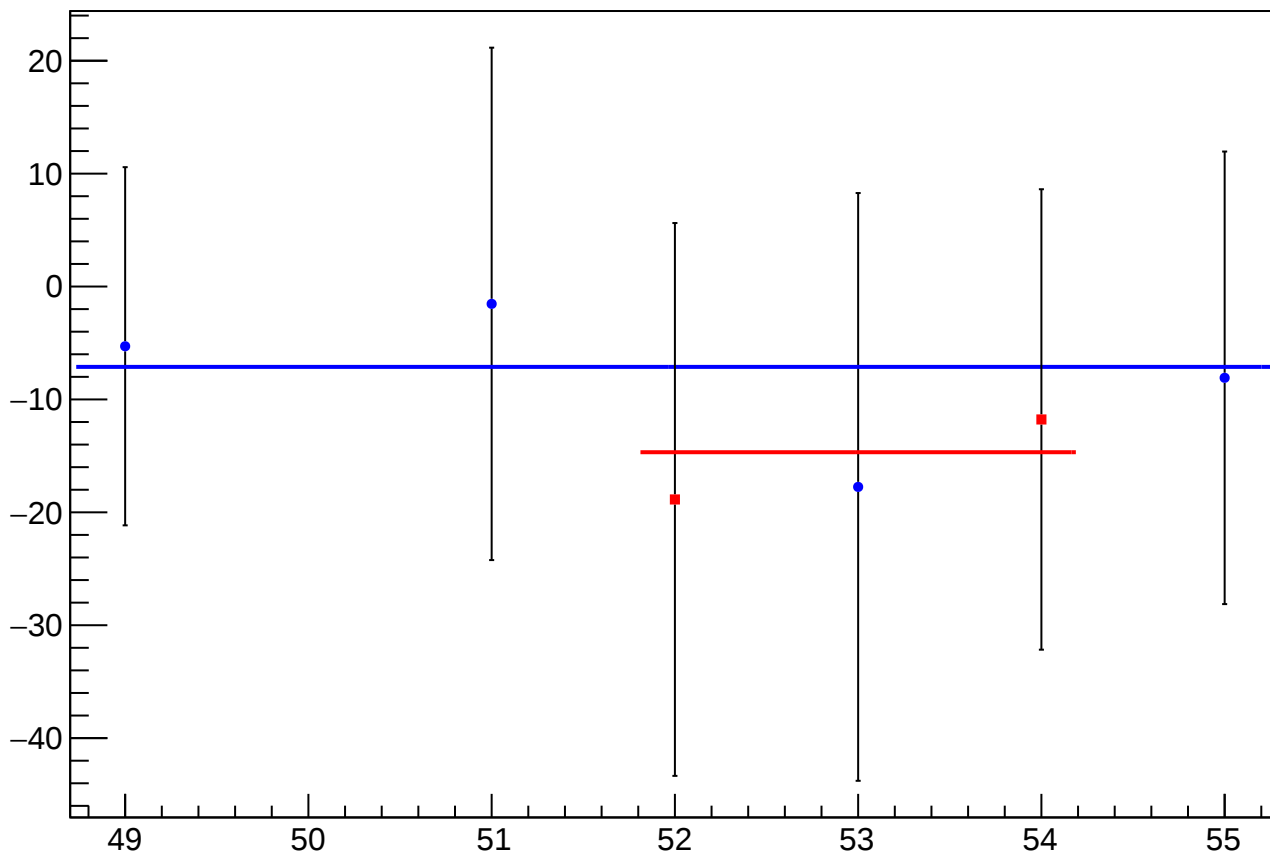
Right Out: 435.602+/-0.217 χ^2/NDF : 15090.4/3

Left In: 476.643+/-0.143 χ^2/NDF :84135.2/8

447.305+/-0.110 χ^2/NDF : 304679.8/14

464.254+/-0.119 χ^2/NDF : 124185.6/12

bcm_an_us_ds_dd_mean vs slug



Right In: -7.117 ± 10.060 χ^2/NDF : 0.2/3

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

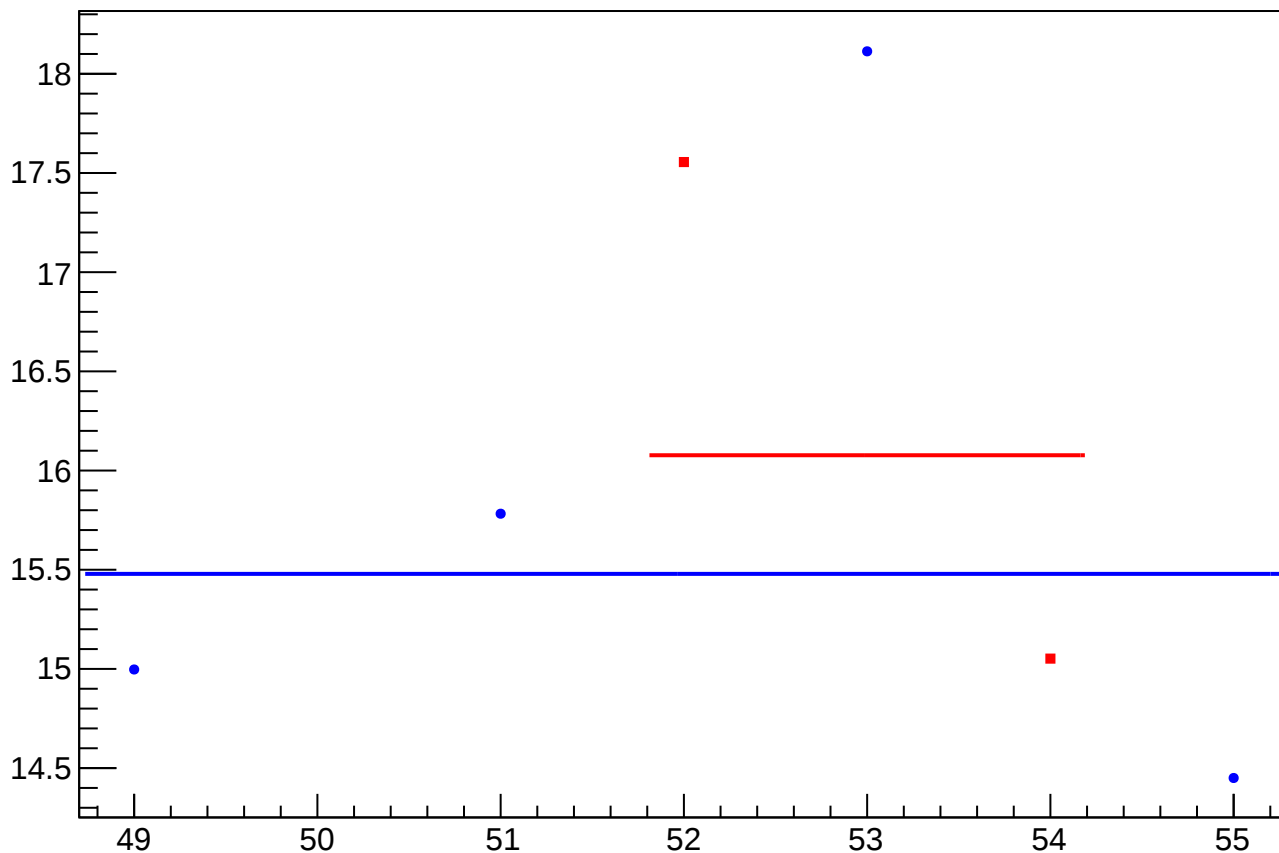
Right Out: -14.676 ± 15.669 χ^2/NDF : 0.0/1

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

-7.117 ± 10.060 χ^2/NDF : 0.2/3

-14.676 ± 15.669 χ^2/NDF : 0.0/1

bcm_an_us_ds_dd_rms vs slug



Right In: 15.479 $\pm$ 0.007 χ^2 /NDF: 27956.2/3

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

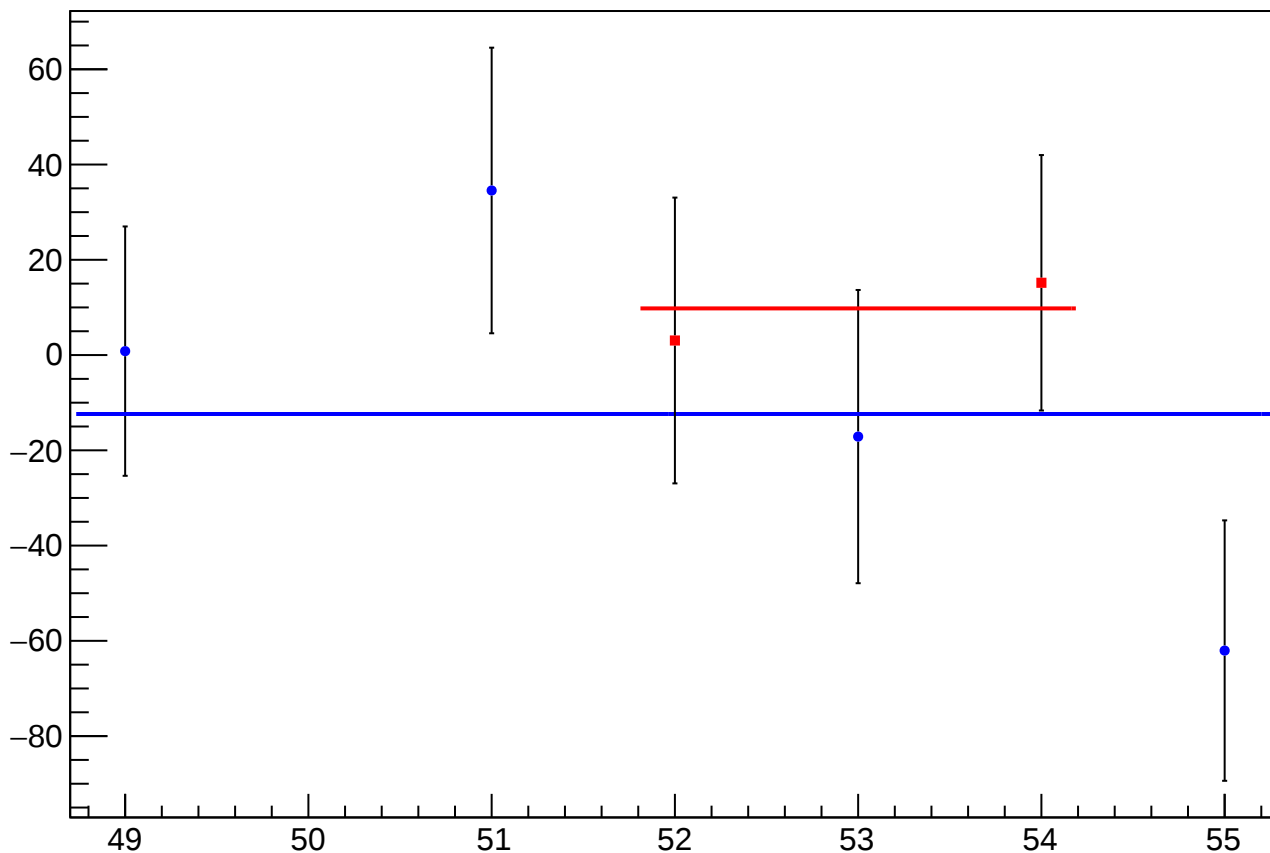
Right Out: 16.077 $\pm$ 0.011 χ^2 /NDF: 12343.6/1

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

15.479 $\pm$ 0.007 χ^2 /NDF: 27956.2/3

16.077 $\pm$ 0.011 χ^2 /NDF: 12343.6/1

bcm_dg_us_ds_dd_mean vs slug



Right In: -12.375 $\pm$ 14.192 χ^2 /NDF: 6.0/3

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

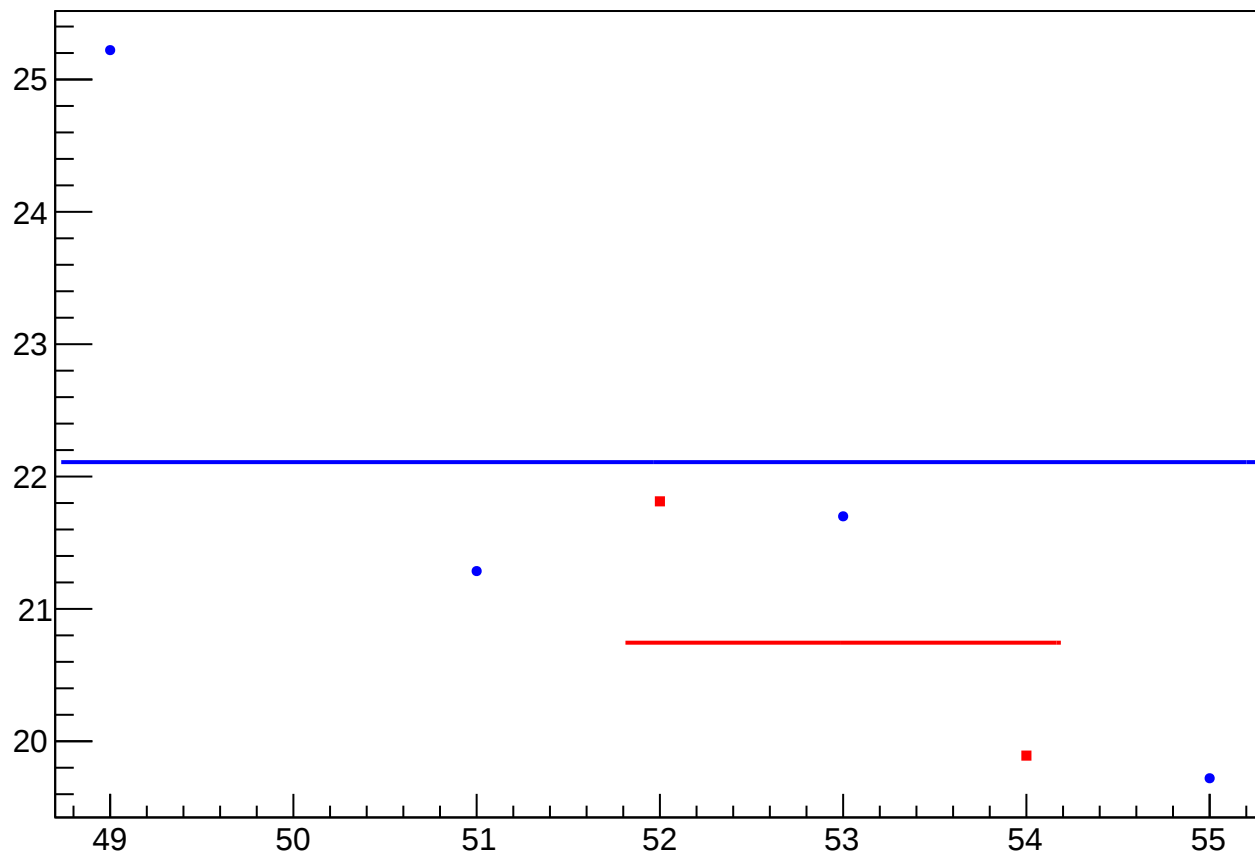
Right Out: 9.795 $\pm$ 19.993 χ^2 /NDF: 0.1/1

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

-12.375 $\pm$ 14.192 χ^2 /NDF: 6.0/3

9.795 $\pm$ 19.993 χ^2 /NDF: 0.1/1

bcm_dg_us_ds_dd_rms vs slug



Right In: 22.109+/-0.010 χ^2/NDF : 45412.9/3

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

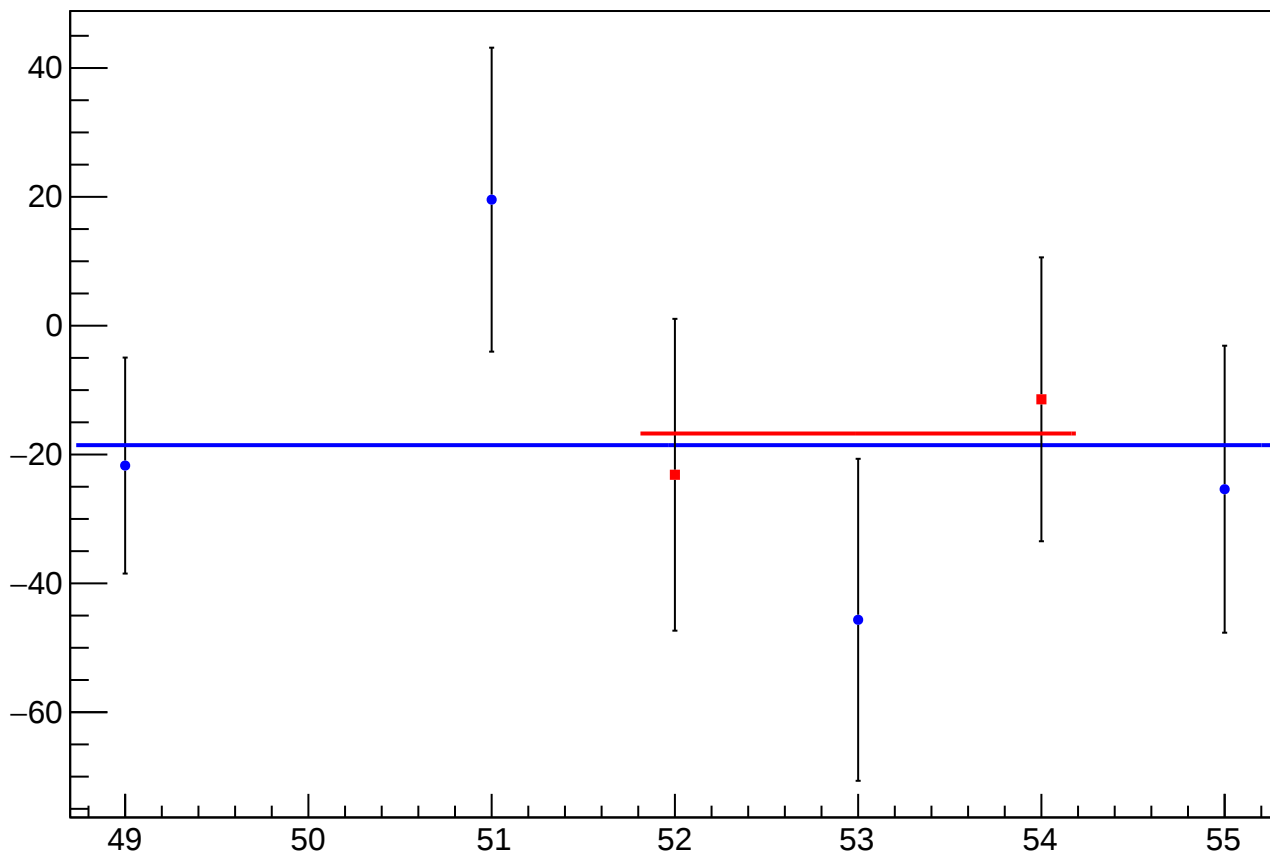
Right Out: 20.745+/-0.014 χ^2/NDF : 4558.9/1

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

22.109+/-0.010 χ^2/NDF : 45412.9/3

20.745+/-0.014 χ^2/NDF : 4558.9/1

bcm_dg_ds_ds_dd_mean vs slug



Right In: -18.545 $\pm$ 10.558 χ^2 /NDF: 3.9/3

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

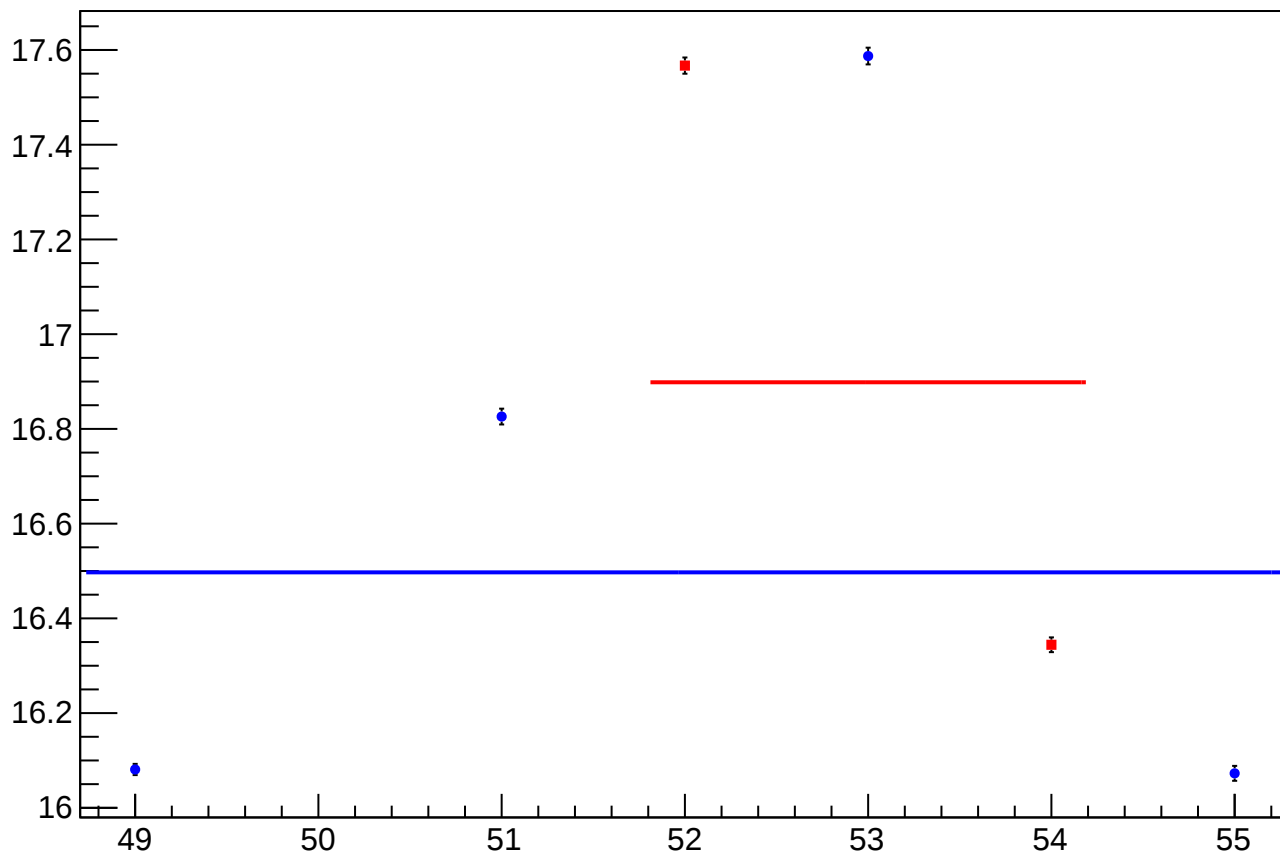
Right Out: -16.736 $\pm$ 16.294 χ^2 /NDF: 0.1/1

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

-18.545 $\pm$ 10.558 χ^2 /NDF: 3.9/3

-16.736 $\pm$ 16.294 χ^2 /NDF: 0.1/1

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.497+/-0.007 χ^2/NDF : 6151.8/3

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

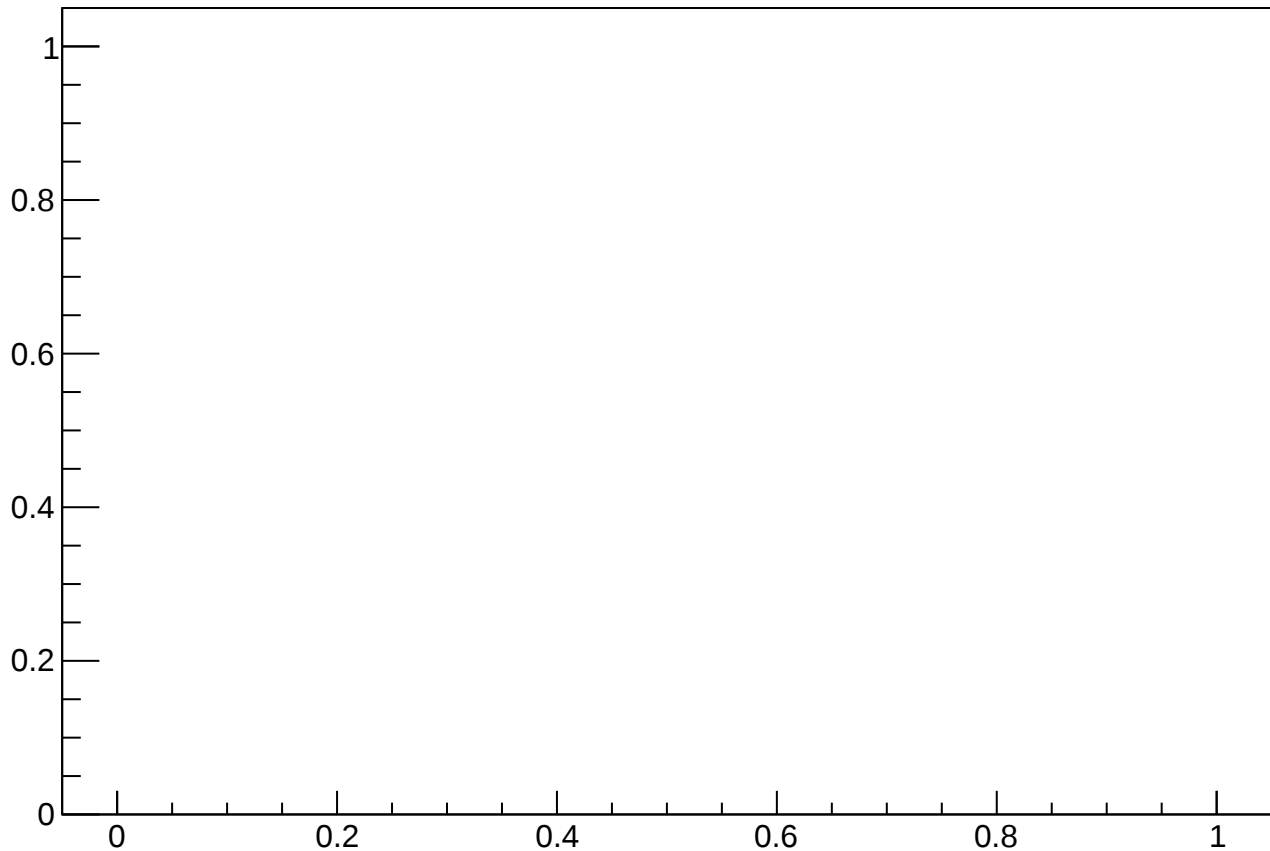
Right Out: 16.898+/-0.012 χ^2/NDF : 2791.2/1

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

16.497+/-0.007 χ^2/NDF : 6151.8/3

16.898+/-0.012 χ^2/NDF : 2791.2/1

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

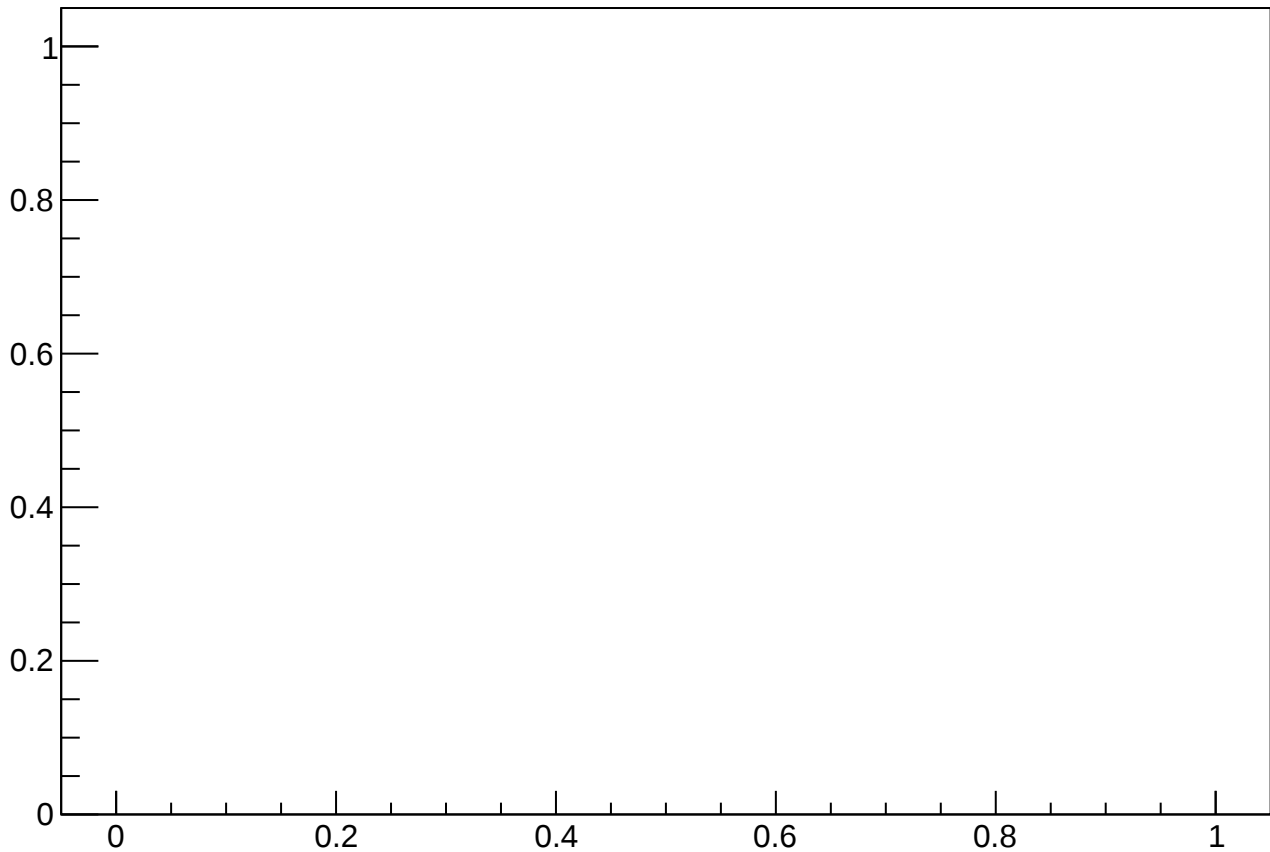
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

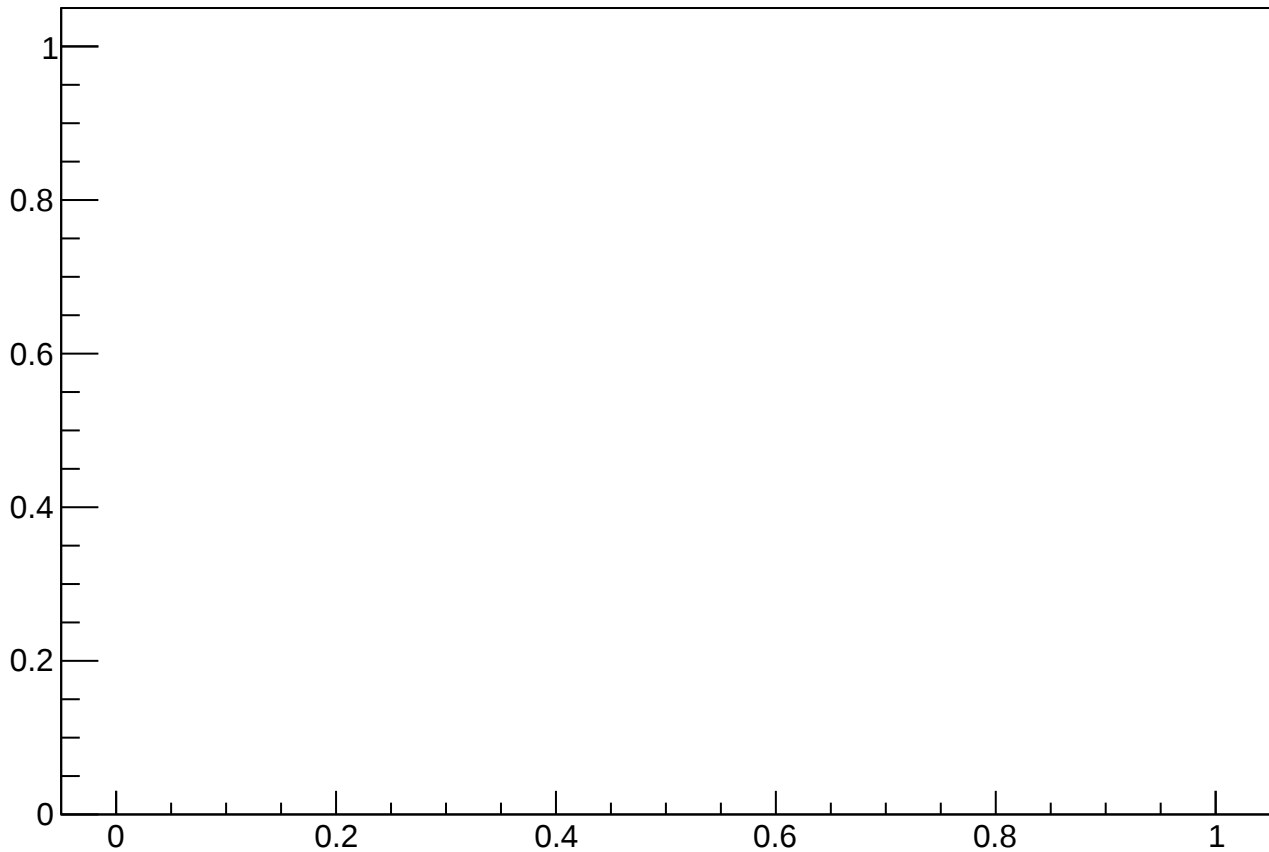
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_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

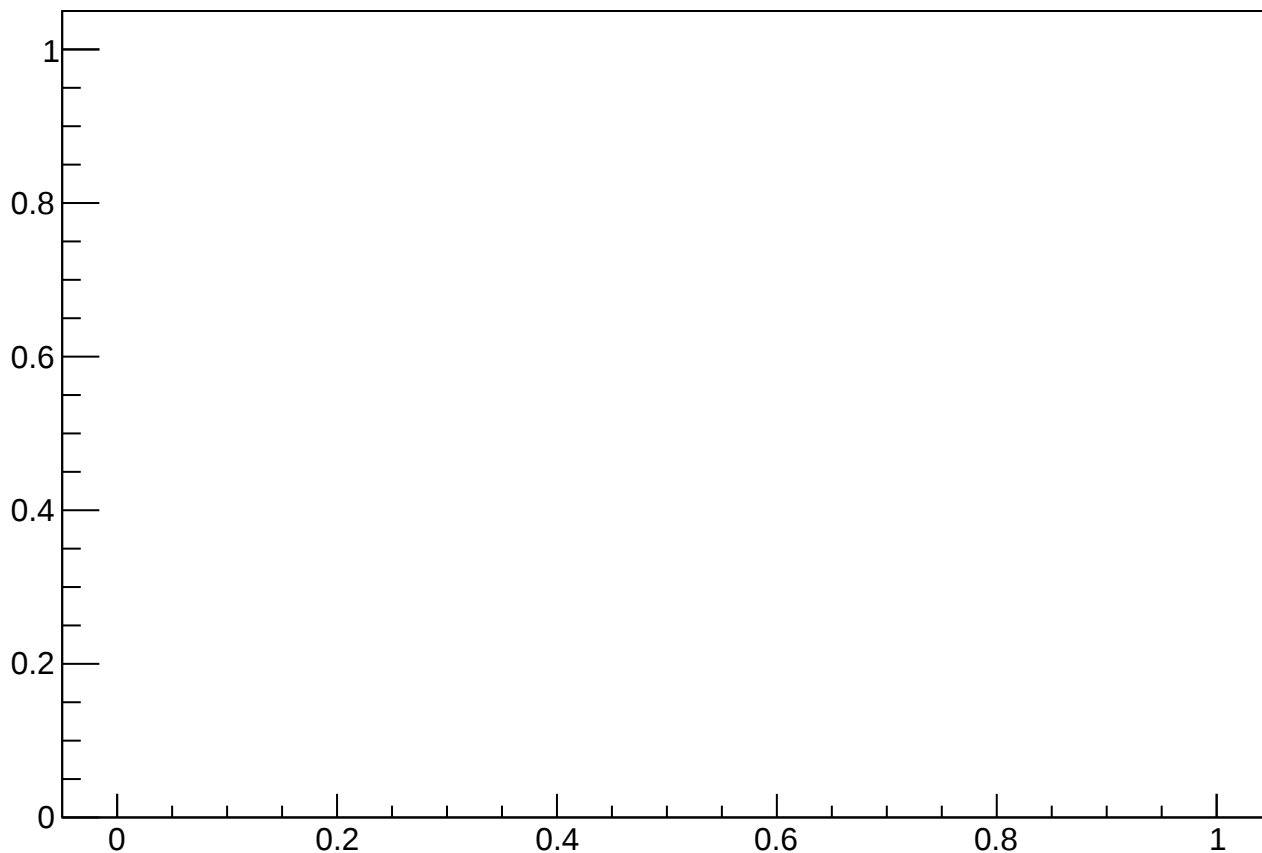
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_dd_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

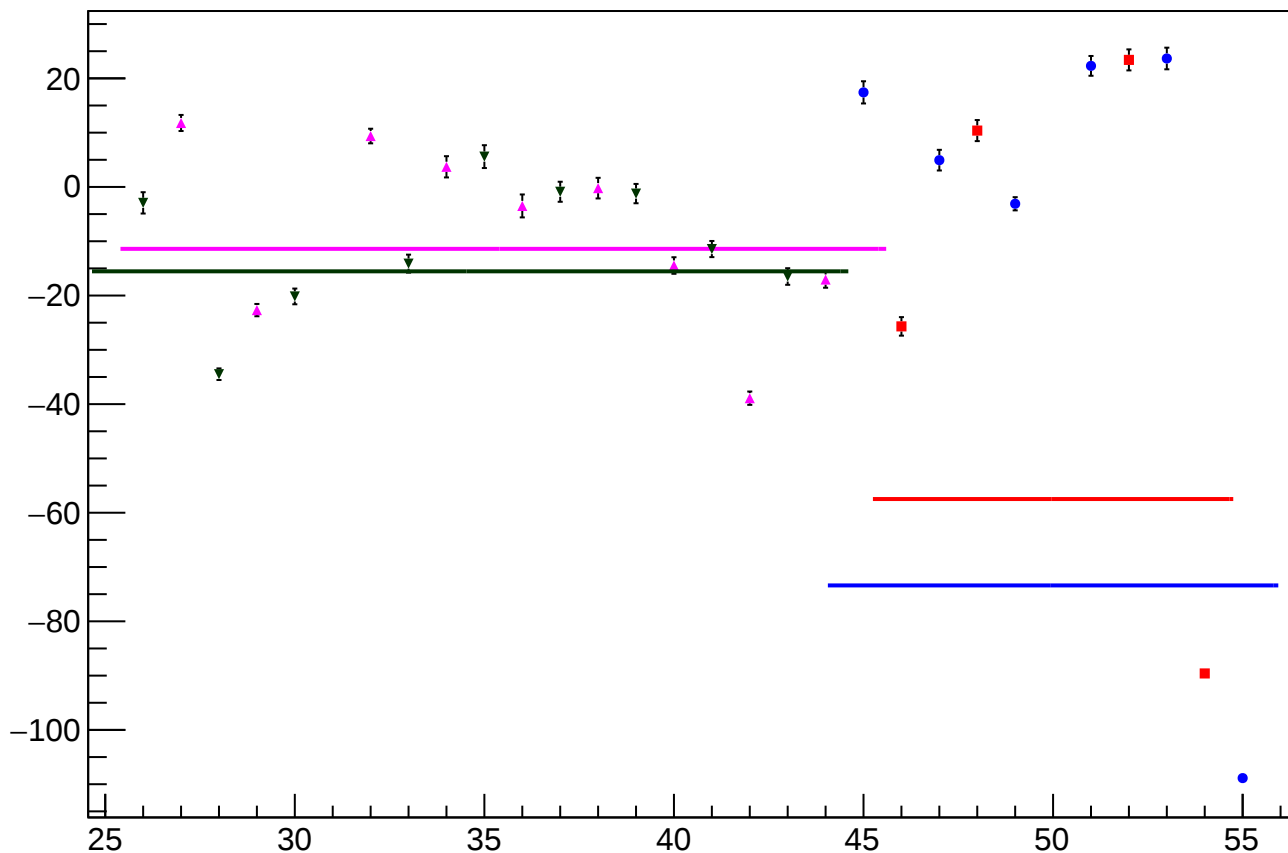
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -73.389 ± 0.415 χ^2/NDF : 17255.9/5

Left Out: -15.541 ± 0.520 χ^2/NDF : 604.0/8

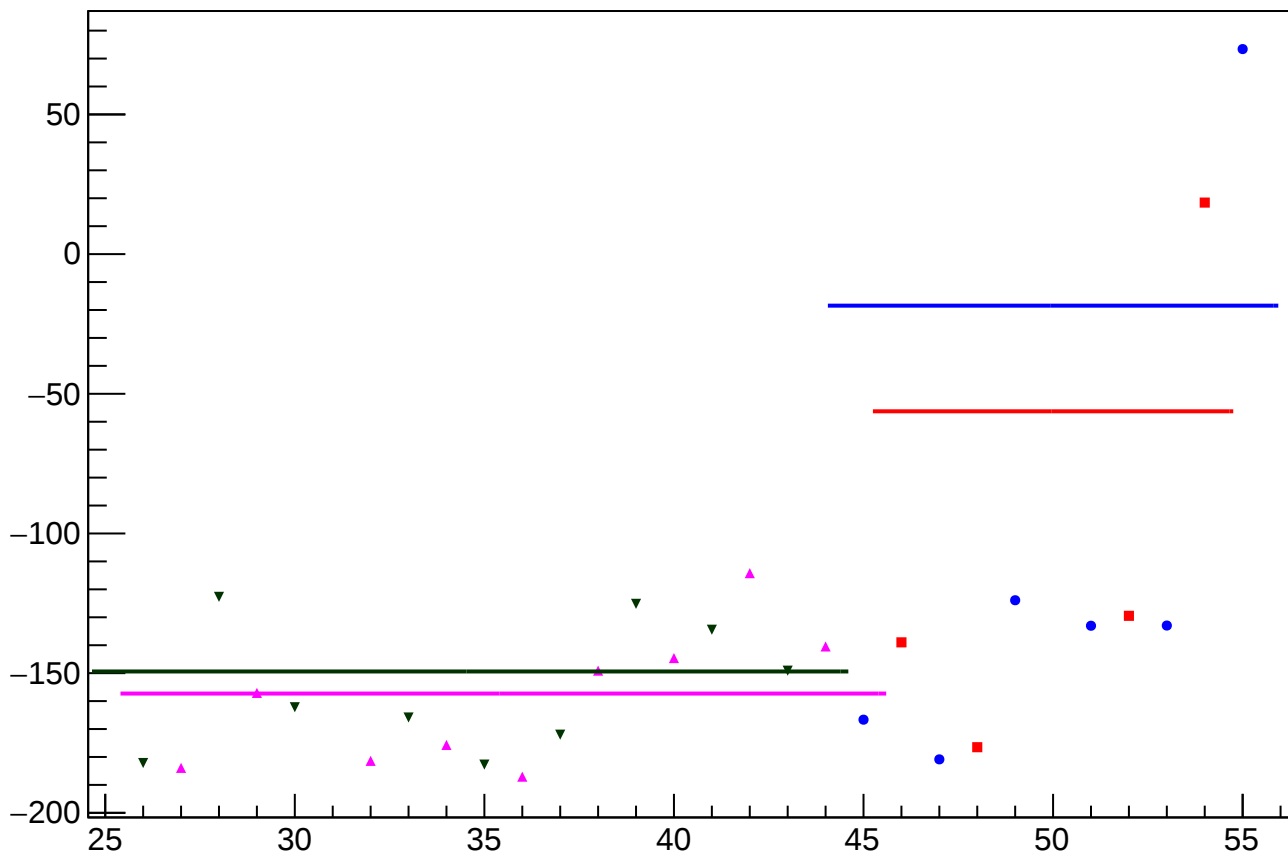
Right Out: -57.478 ± 0.639 χ^2/NDF : 4939.6/3

Left In: -11.401 ± 0.495 χ^2/NDF : 1211.6/8

-50.894 ± 0.324 χ^2/NDF : 25417.9/14

-28.678 ± 0.391 χ^2/NDF : 9401.2/12

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -18.446 ± 0.381 χ^2/NDF : 79835.8/5

Left Out: -149.395 ± 0.395 χ^2/NDF : 3200.8/8

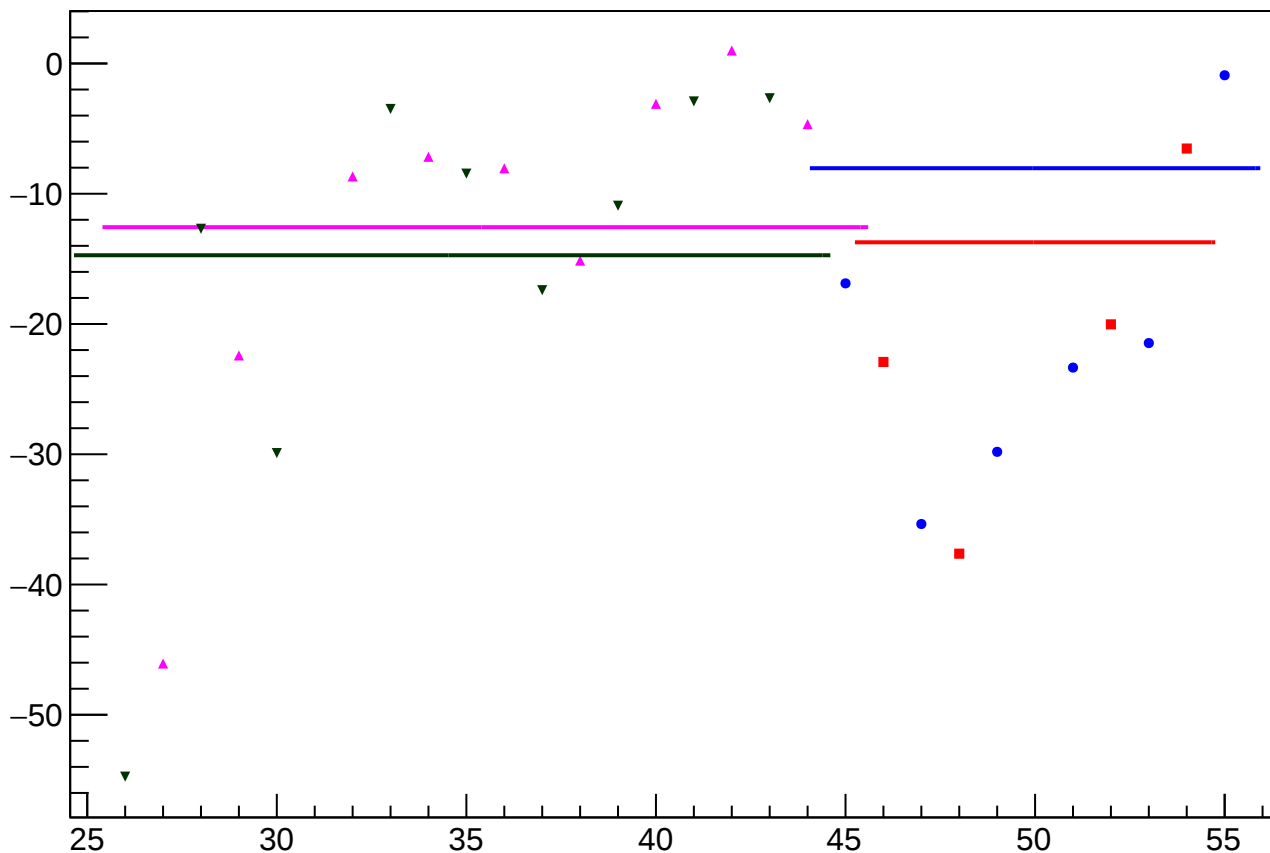
Right Out: -56.266 ± 0.561 χ^2/NDF : 21628.9/3

Left In: -157.299 ± 0.365 χ^2/NDF : 4330.1/8

-81.642 ± 0.274 χ^2/NDF : 139950.5/14

-127.210 ± 0.306 χ^2/NDF : 48723.4/12

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -8.039 ± 0.073 $\chi^2/\text{NDF}: 26592.1/5$

Left Out: -14.722 ± 0.088 $\chi^2/\text{NDF}: 26364.3/8$

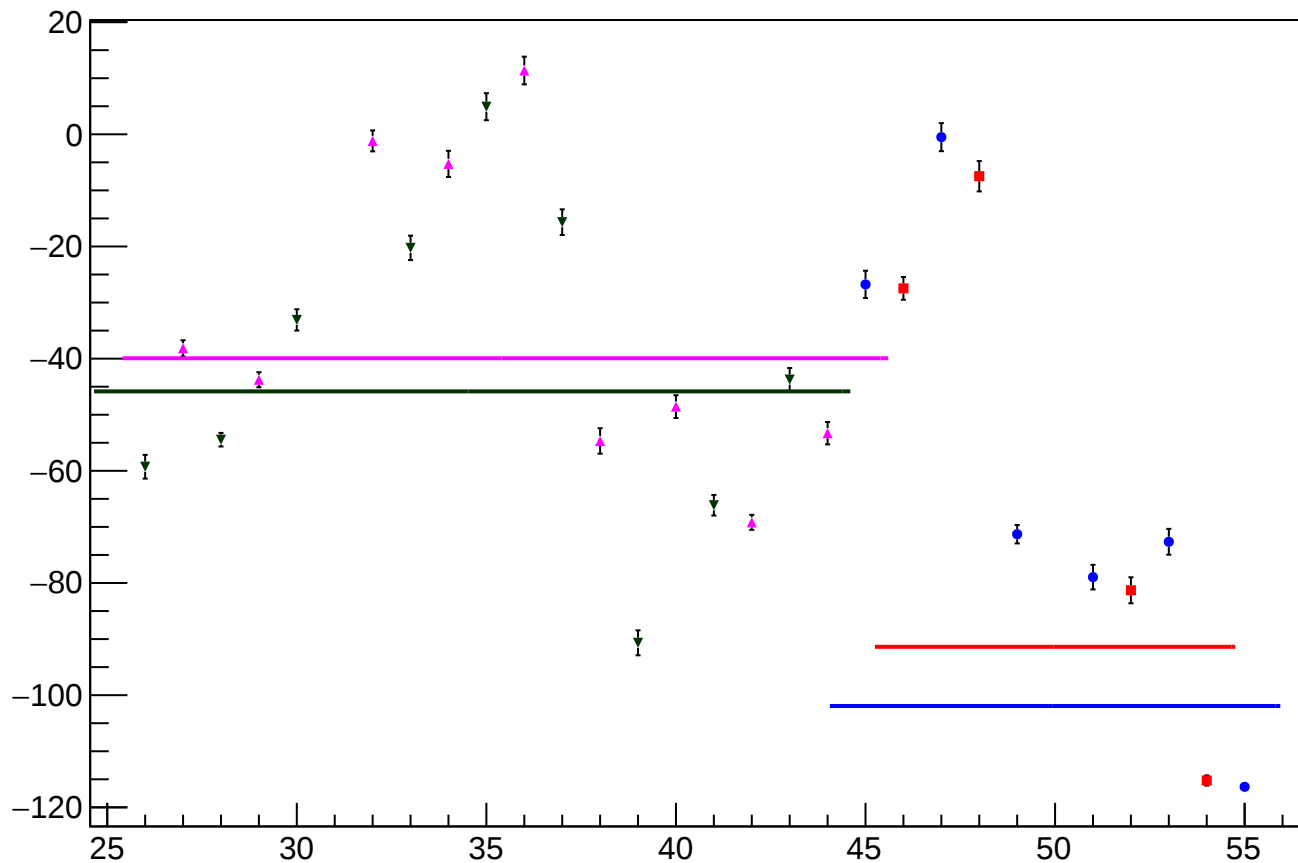
Right Out: -13.727 ± 0.108 $\chi^2/\text{NDF}: 9019.2/3$

Left In: -12.566 ± 0.085 $\chi^2/\text{NDF}: 25284.4/8$

-10.744 ± 0.056 $\chi^2/\text{NDF}: 56382.3/14$

-13.012 ± 0.067 $\chi^2/\text{NDF}: 34374.8/12$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -101.933+/-0.466 χ^2/NDF : 3940.0/5

Left Out: -45.838+/-0.634 χ^2/NDF :1422.1/8

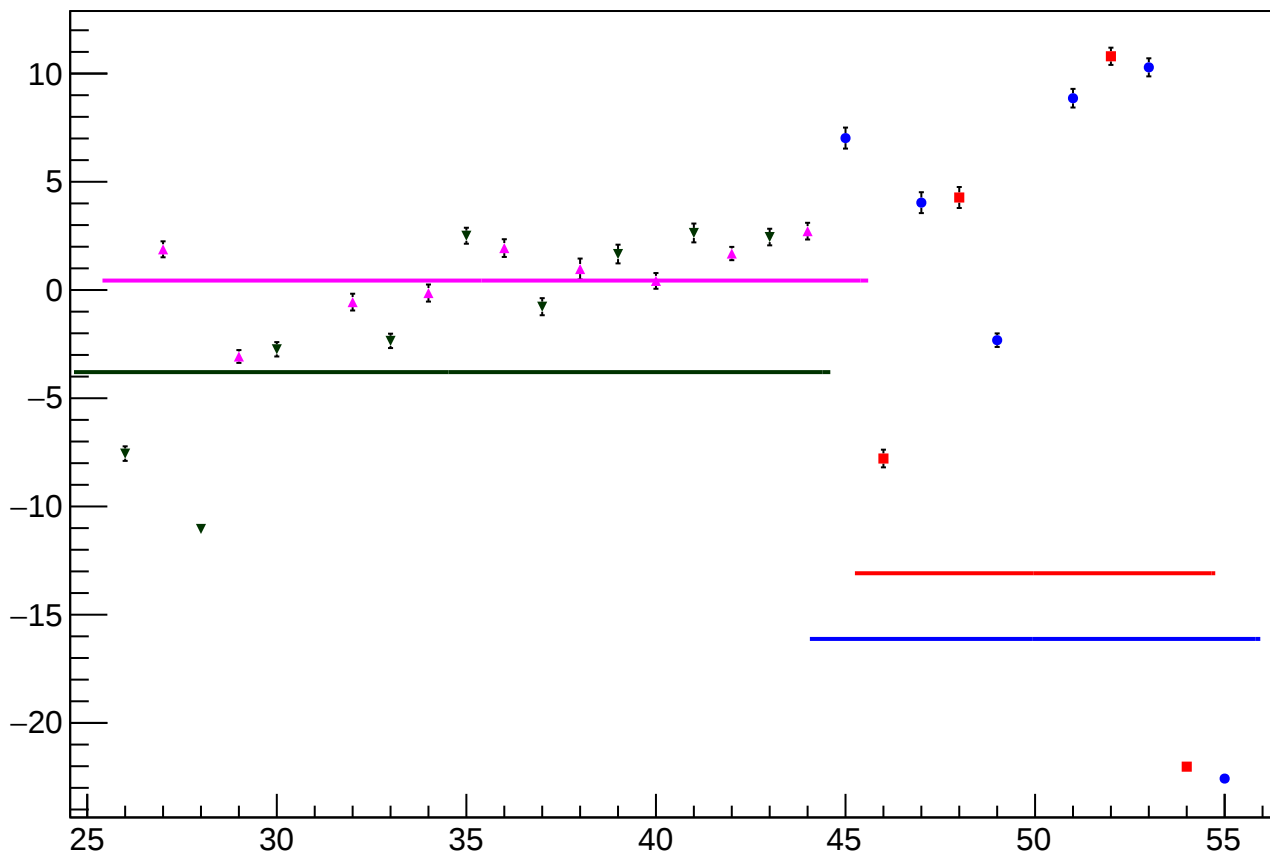
Right Out: -91.378+/-0.751 χ^2/NDF : 2655.1/3

Left In: -39.932+/-0.586 χ^2/NDF :1674.4/8

-82.245+/-0.376 χ^2/NDF : 10440.5/14

-59.390+/-0.462 χ^2/NDF : 7247.3/12

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -16.120+/-0.090 χ^2/NDF : 17278.2/5

Left Out: -3.793+/-0.112 χ^2/NDF : 2310.3/8

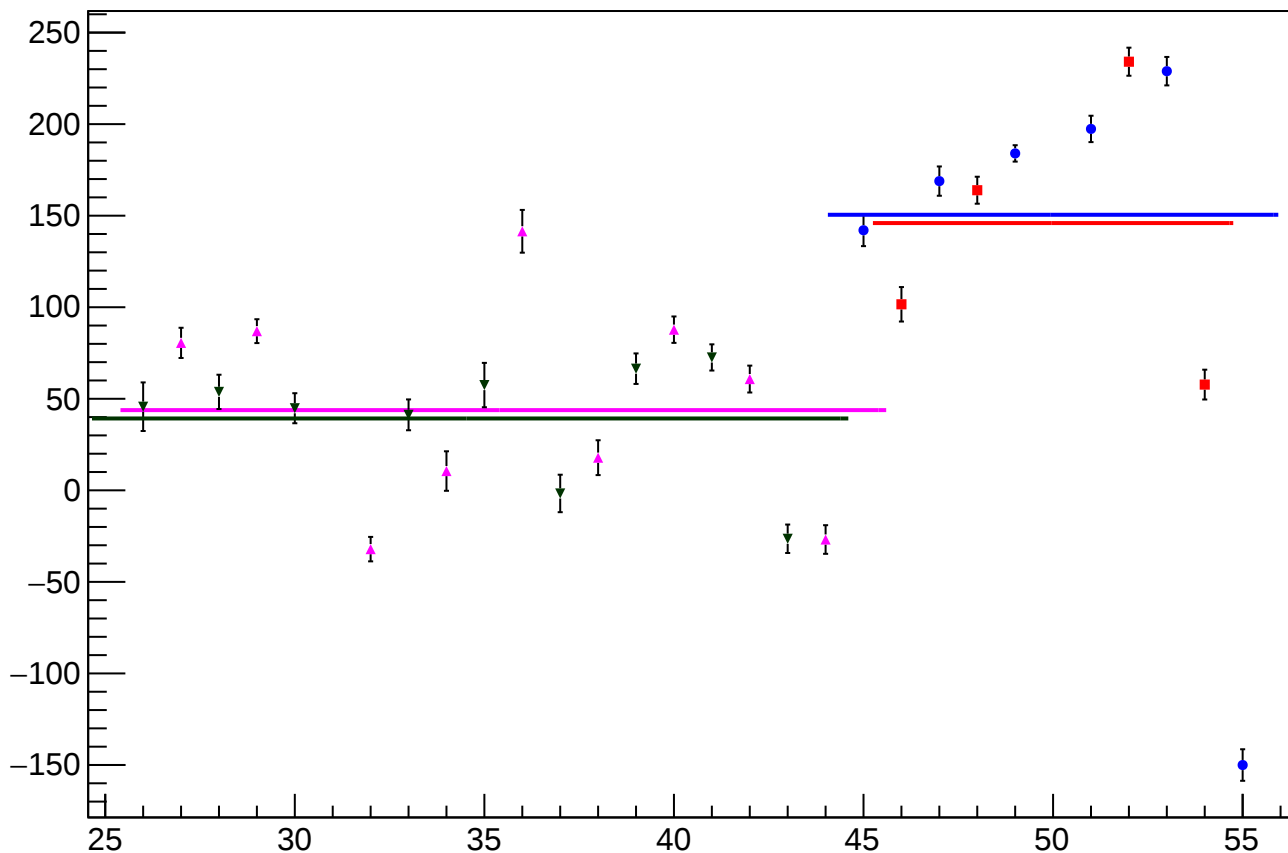
Right Out: -13.085+/-0.149 χ^2/NDF : 7342.7/3

Left In: 0.437+/-0.122 χ^2/NDF : 230.2/8

-11.292+/-0.070 χ^2/NDF : 27011.8/14

-5.017+/-0.094 χ^2/NDF : 12509.8/12

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 150.496 $\pm$ 2.794 χ^2 /NDF: 1423.9/5

Left Out: 39.246 $\pm$ 2.976 χ^2 /NDF:125.4/8

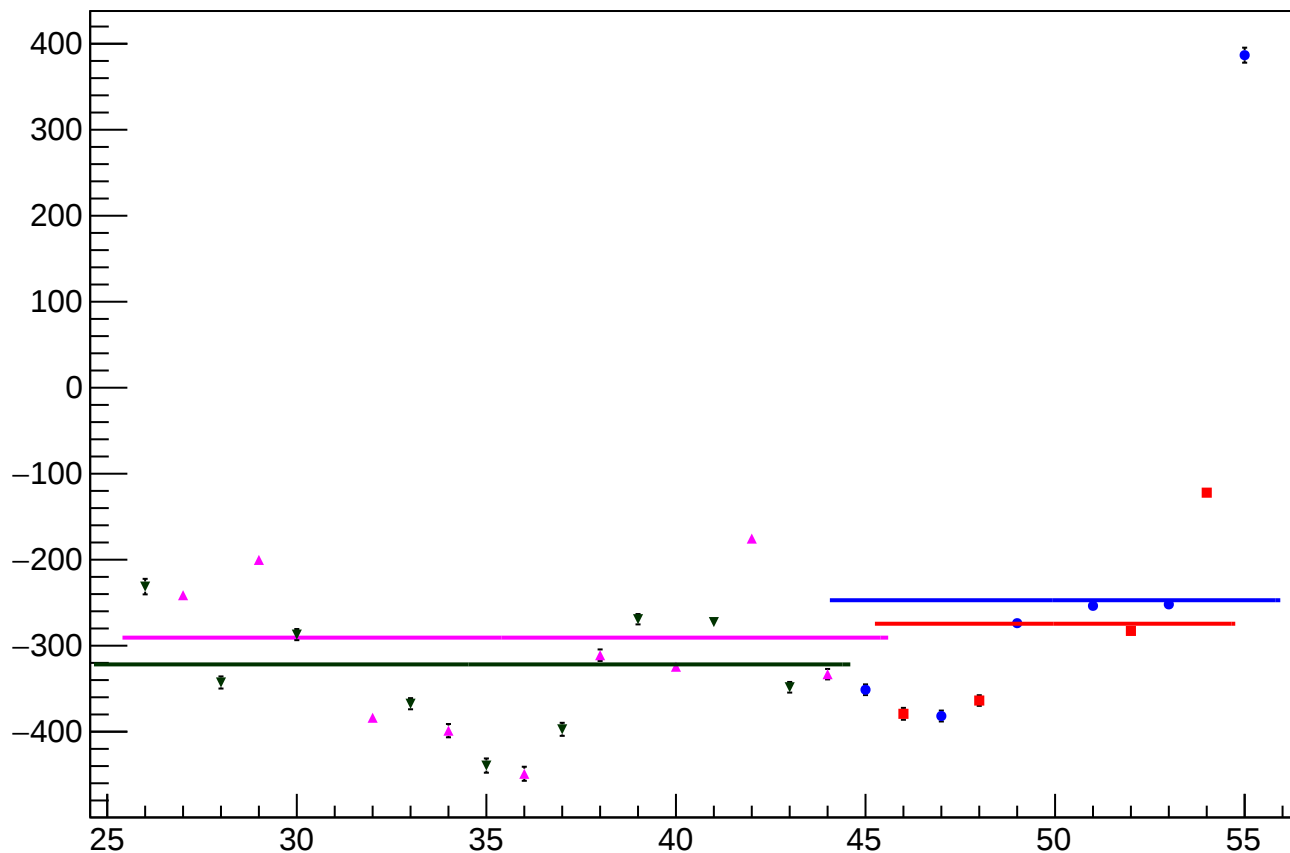
Right Out: 145.965 $\pm$ 4.022 χ^2 /NDF: 277.7/3

Left In: 43.812 $\pm$ 2.656 χ^2 /NDF:403.9/8

98.383 $\pm$ 2.037 χ^2 /NDF: 2292.0/14

74.824 $\pm$ 2.216 χ^2 /NDF: 1130.8/12

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -247.139+/-2.190 χ^2/NDF : 6047.9/5

Left Out: -321.773+/-2.219 χ^2/NDF : 673.9/8

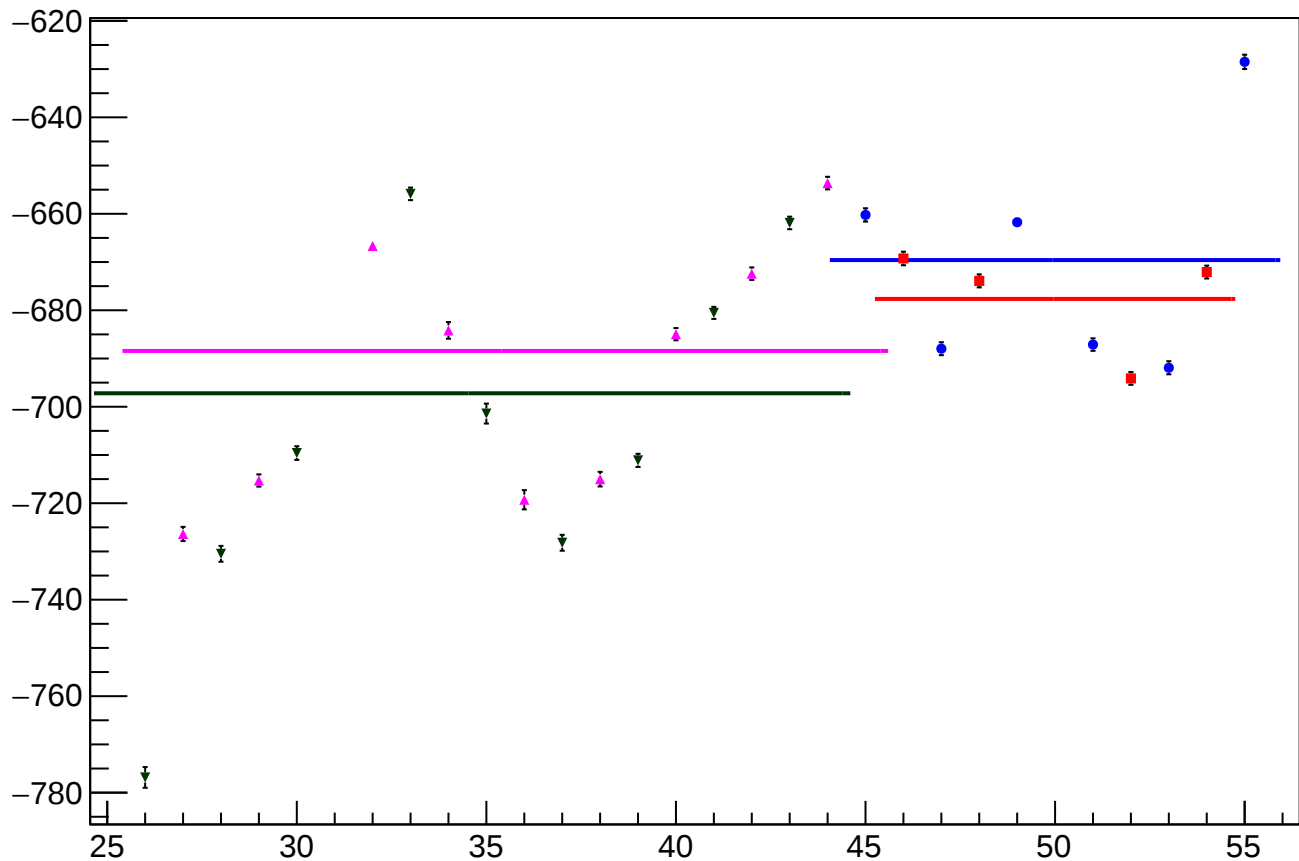
Right Out: -274.471+/-2.969 χ^2/NDF : 1174.1/3

Left In: -290.641+/-1.943 χ^2/NDF : 1886.9/8

-283.971+/-1.559 χ^2/NDF : 7294.8/14

-285.792+/-1.626 χ^2/NDF : 3081.8/12

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -669.591 ± 0.510 χ^2/NDF : 1521.9/5

Left Out: -697.208 ± 0.498 χ^2/NDF : 4232.4/8

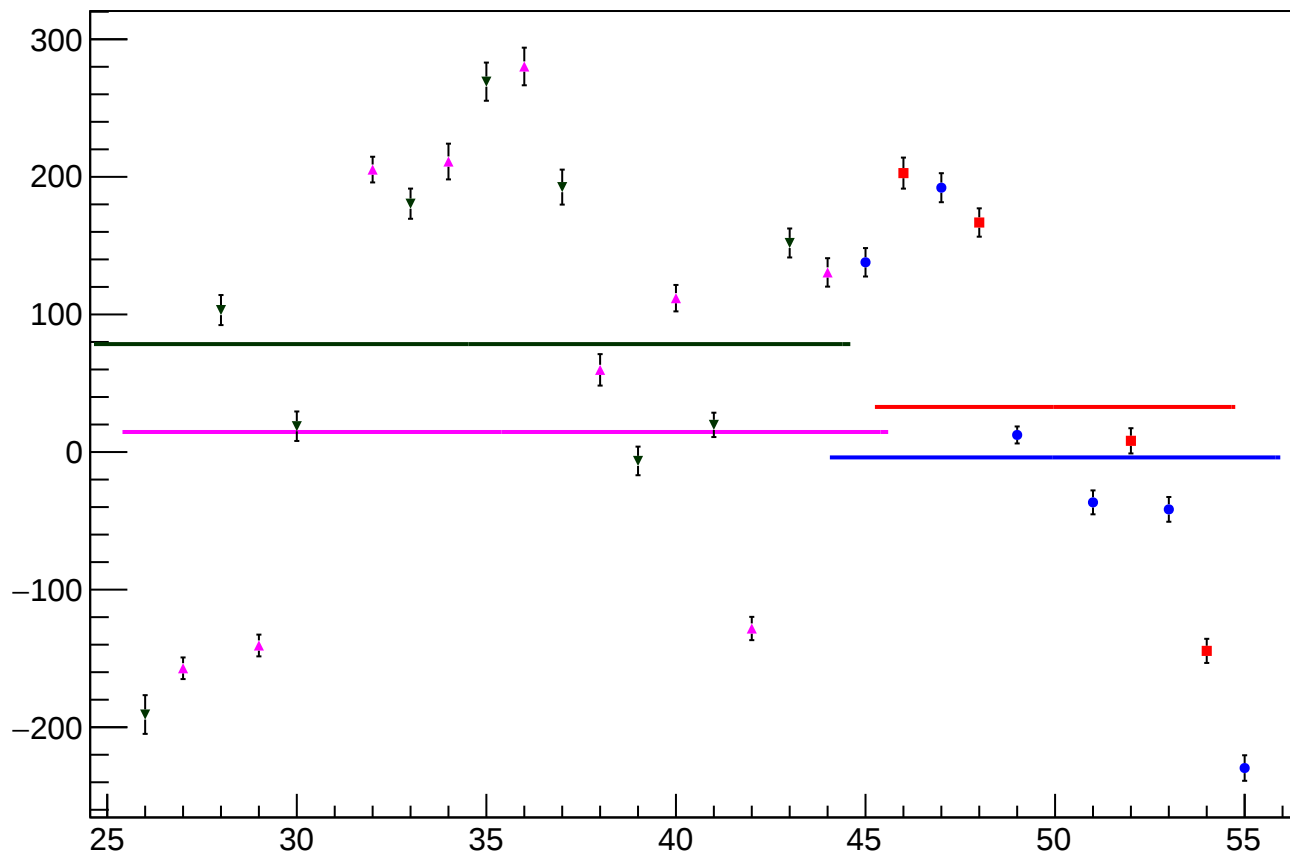
Right Out: -677.648 ± 0.677 χ^2/NDF : 214.7/3

Left In: -688.430 ± 0.456 χ^2/NDF : 2965.5/8

-683.728 ± 0.356 χ^2/NDF : 7257.8/14

-685.071 ± 0.378 χ^2/NDF : 3354.6/12

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: -3.904 ± 3.496 $\chi^2/\text{NDF}: 1164.5/5$

Left Out: 78.457 ± 3.704 $\chi^2/\text{NDF}: 917.8/8$

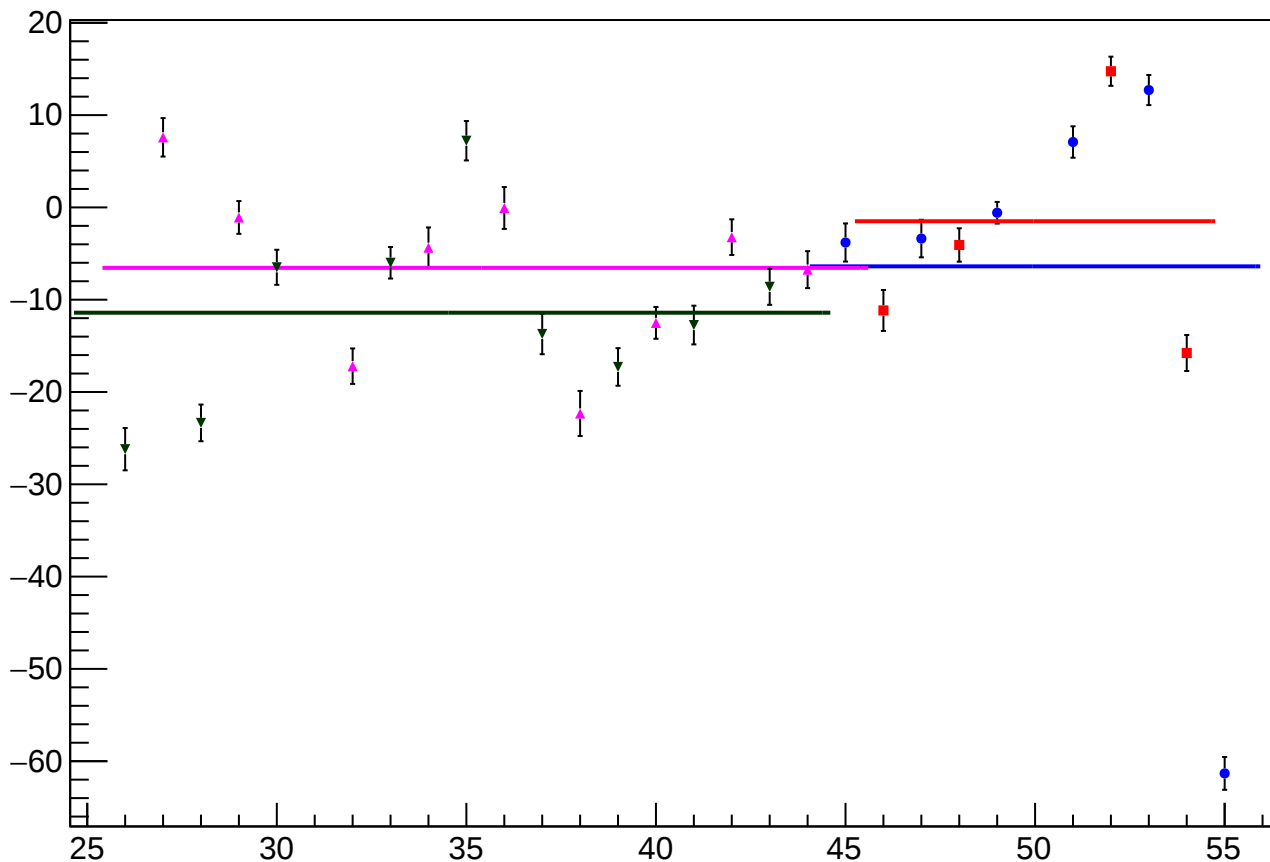
Right Out: 32.779 ± 4.869 $\chi^2/\text{NDF}: 812.0/3$

Left In: 14.576 ± 3.215 $\chi^2/\text{NDF}: 2415.6/8$

34.904 ± 2.543 $\chi^2/\text{NDF}: 2343.8/14$

20.102 ± 2.683 $\chi^2/\text{NDF}: 3237.4/12$

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -6.387+/-0.668 χ^2/NDF : 1183.1/5

Left Out: -11.409+/-0.671 χ^2/NDF :182.6/8

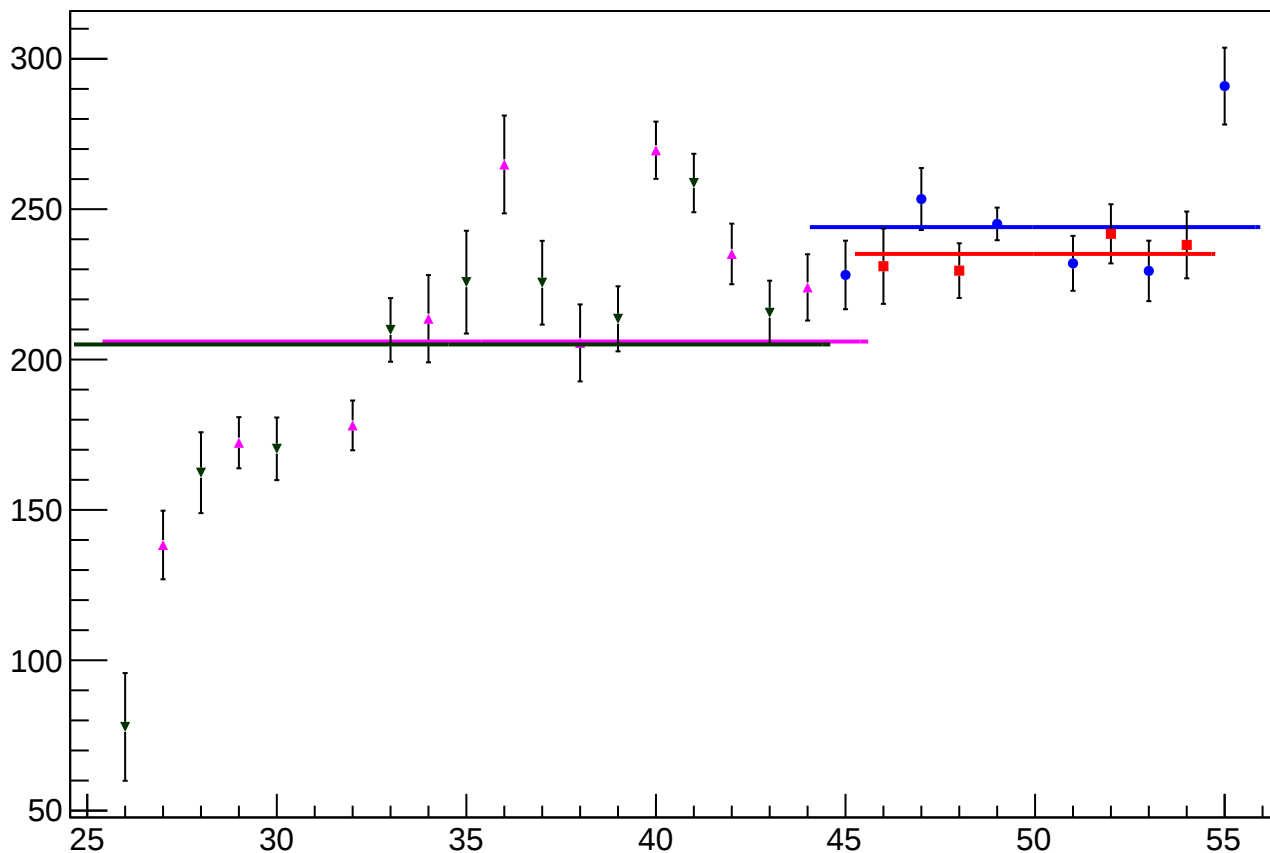
Right Out: -1.499+/-0.923 χ^2/NDF : 180.6/3

Left In: -6.549+/-0.668 χ^2/NDF :152.2/8

-8.887+/-0.473 χ^2/NDF : 1393.8/14

-4.814+/-0.541 χ^2/NDF : 352.4/12

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 244.041 $\pm$ 3.554 χ^2 /NDF: 20.1/5

Left Out: 205.016 $\pm$ 3.976 χ^2 /NDF:107.5/8

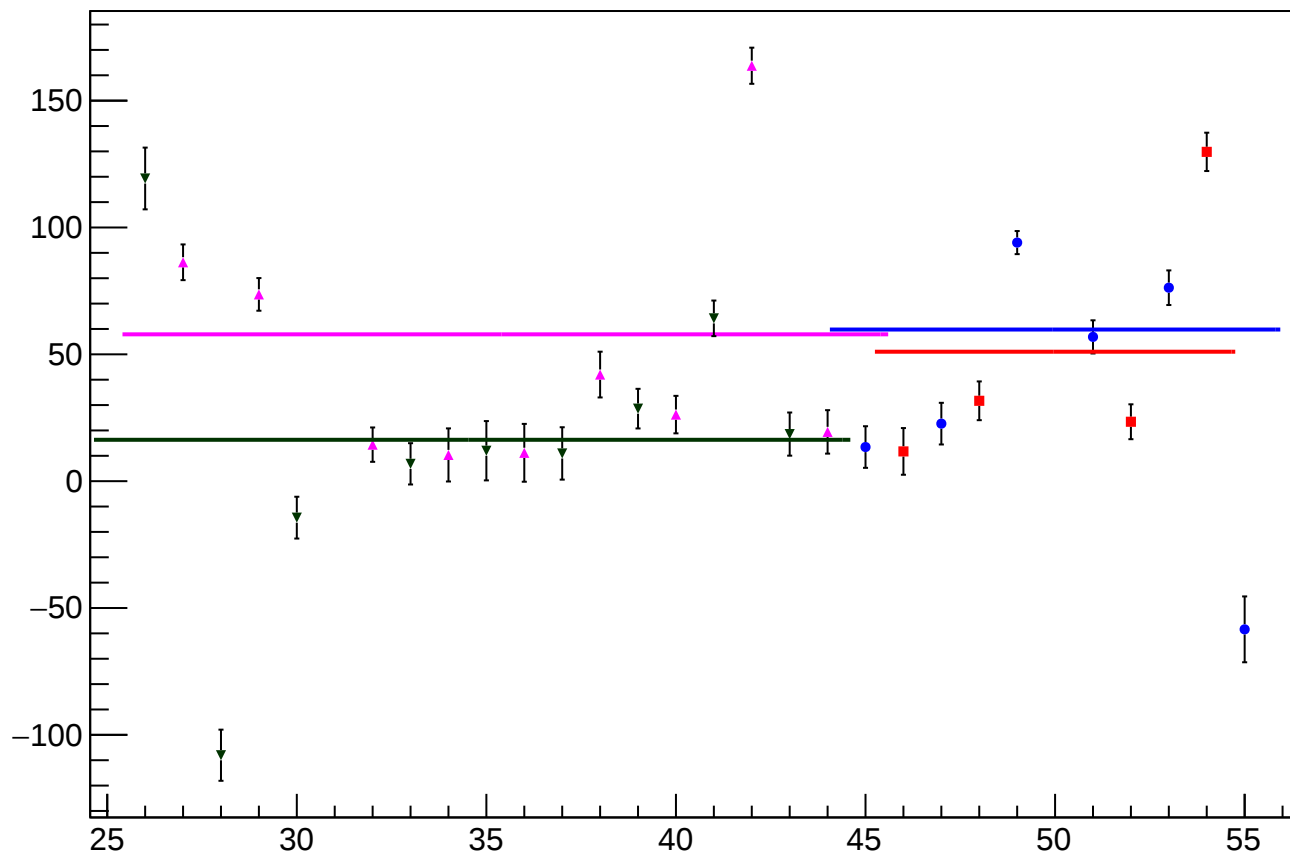
Right Out: 235.124 $\pm$ 5.205 χ^2 /NDF: 1.0/3

Left In: 205.989 $\pm$ 3.539 χ^2 /NDF:131.2/8

226.707 $\pm$ 2.650 χ^2 /NDF: 181.2/14

215.199 $\pm$ 2.927 χ^2 /NDF: 153.6/12

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 59.777 $\pm$ 2.787 χ^2/NDF : 198.0/5

Left Out: 16.311 $\pm$ 2.966 χ^2/NDF : 288.5/8

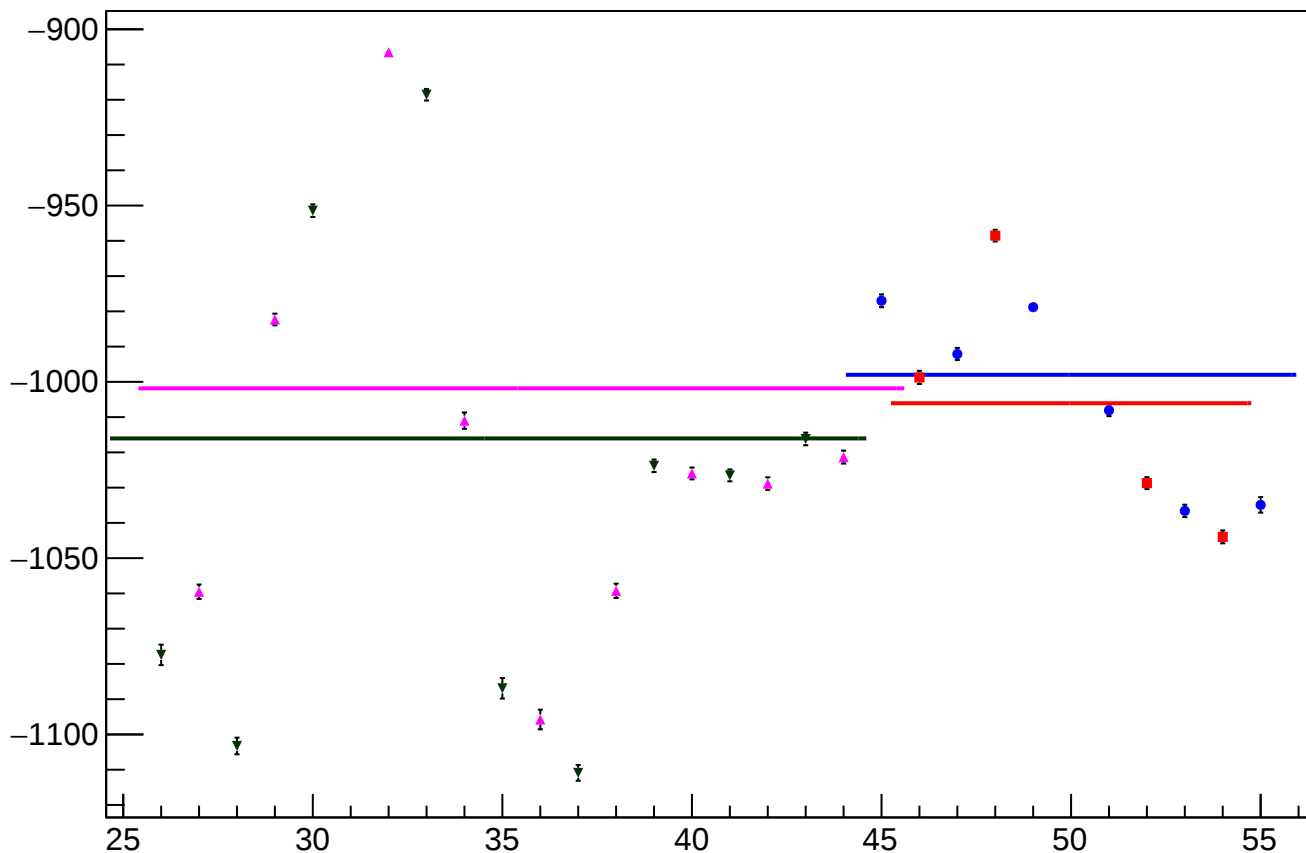
Right Out: 51.032 $\pm$ 3.846 χ^2/NDF : 149.5/3

Left In: 57.884 $\pm$ 2.609 χ^2/NDF : 363.4/8

39.401 $\pm$ 2.031 χ^2/NDF : 600.5/14

55.724 $\pm$ 2.159 χ^2/NDF : 515.1/12

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -997.995 ± 0.654 $\chi^2/\text{NDF}: 1240.2/5$

Left Out: -1016.038 ± 0.663 $\chi^2/\text{NDF}: 9076.6/8$

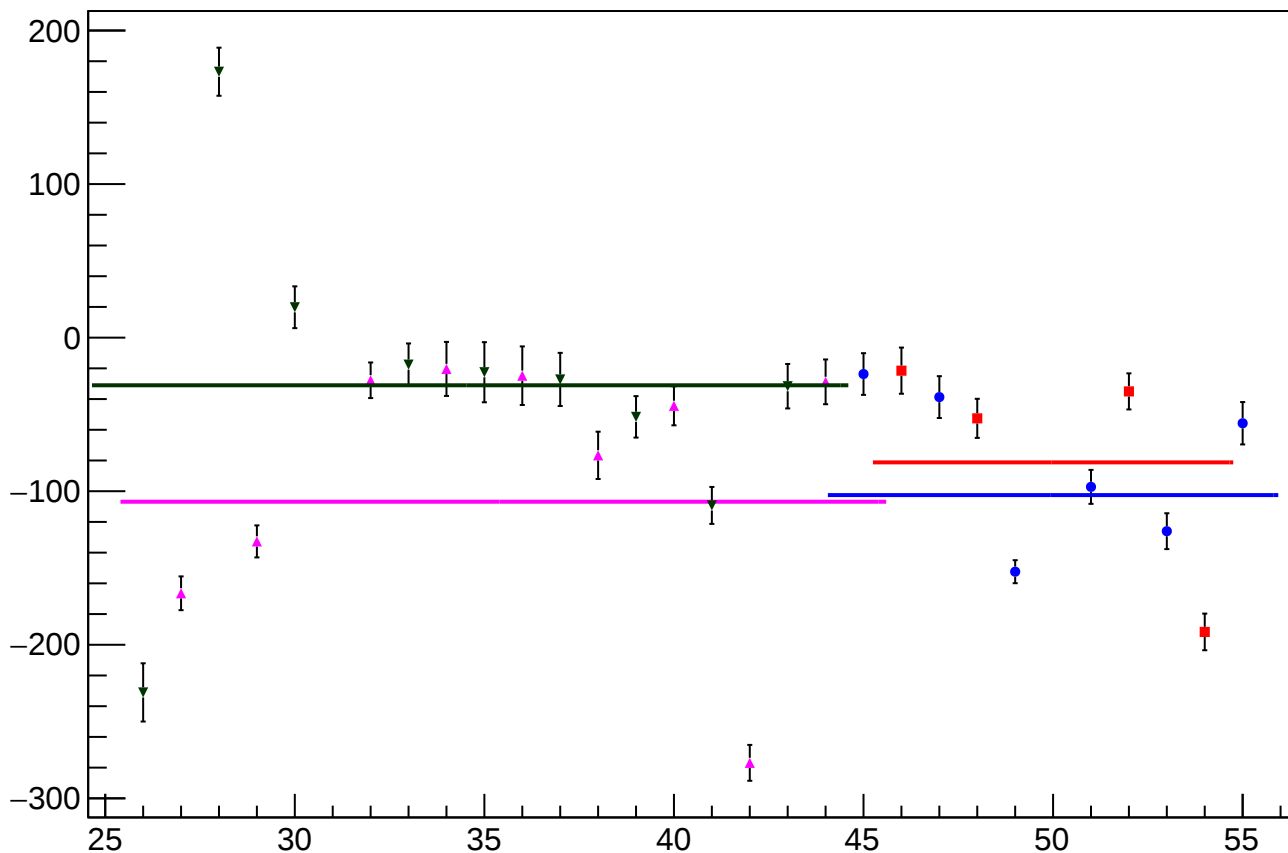
Right Out: -1006.060 ± 0.881 $\chi^2/\text{NDF}: 1438.9/3$

Left In: -1001.844 ± 0.607 $\chi^2/\text{NDF}: 8875.1/8$

-1006.888 ± 0.466 $\chi^2/\text{NDF}: 10692.0/14$

-1003.200 ± 0.500 $\chi^2/\text{NDF}: 10329.6/12$

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -102.526 ± 4.500 χ^2/NDF : 115.8/5

Left Out: -31.022 ± 4.960 χ^2/NDF : 340.9/8

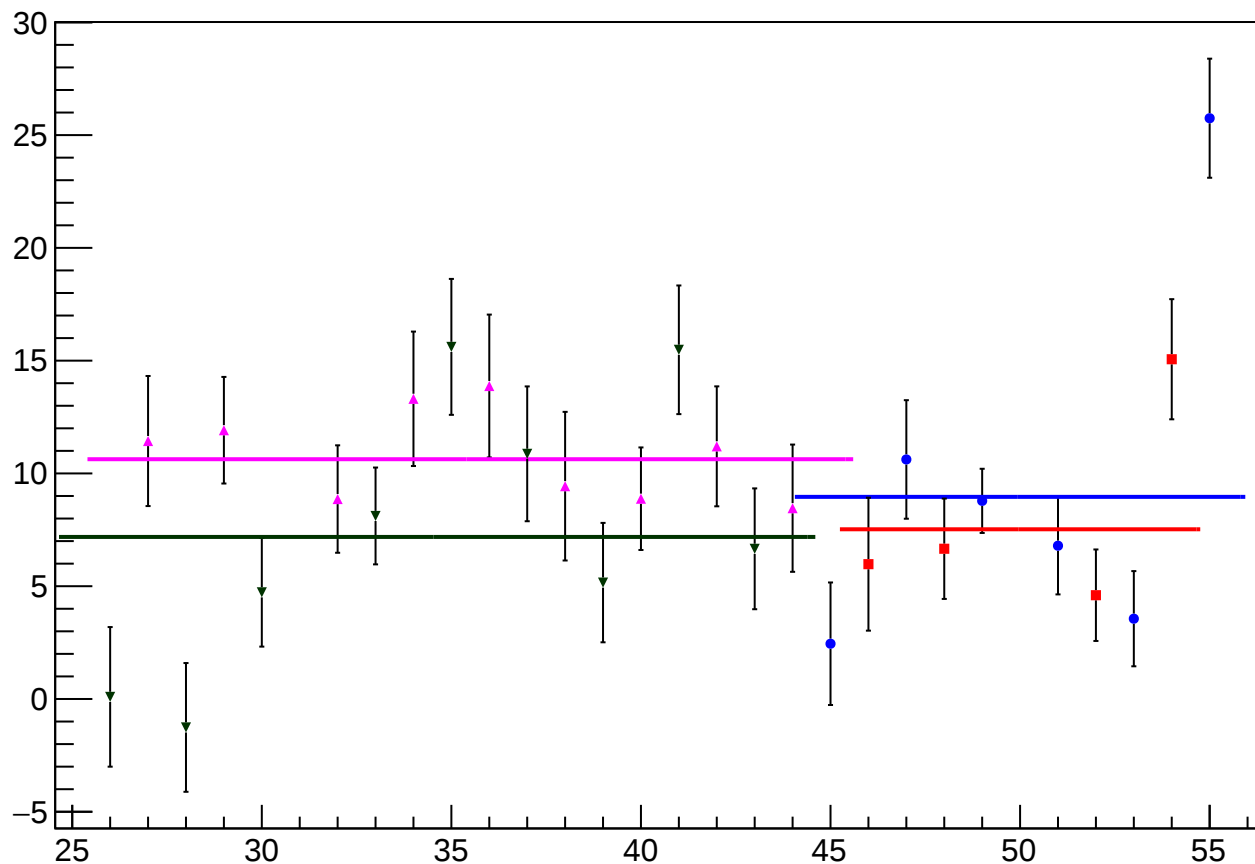
Right Out: -81.226 ± 6.341 χ^2/NDF : 122.0/3

Left In: -106.845 ± 4.330 χ^2/NDF : 393.2/8

-70.243 ± 3.333 χ^2/NDF : 570.7/14

-98.699 ± 3.576 χ^2/NDF : 526.3/12

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 8.961+/-0.858 χ^2/NDF : 54.2/5

Left Out: 7.185+/-0.897 χ^2/NDF : 33.7/8

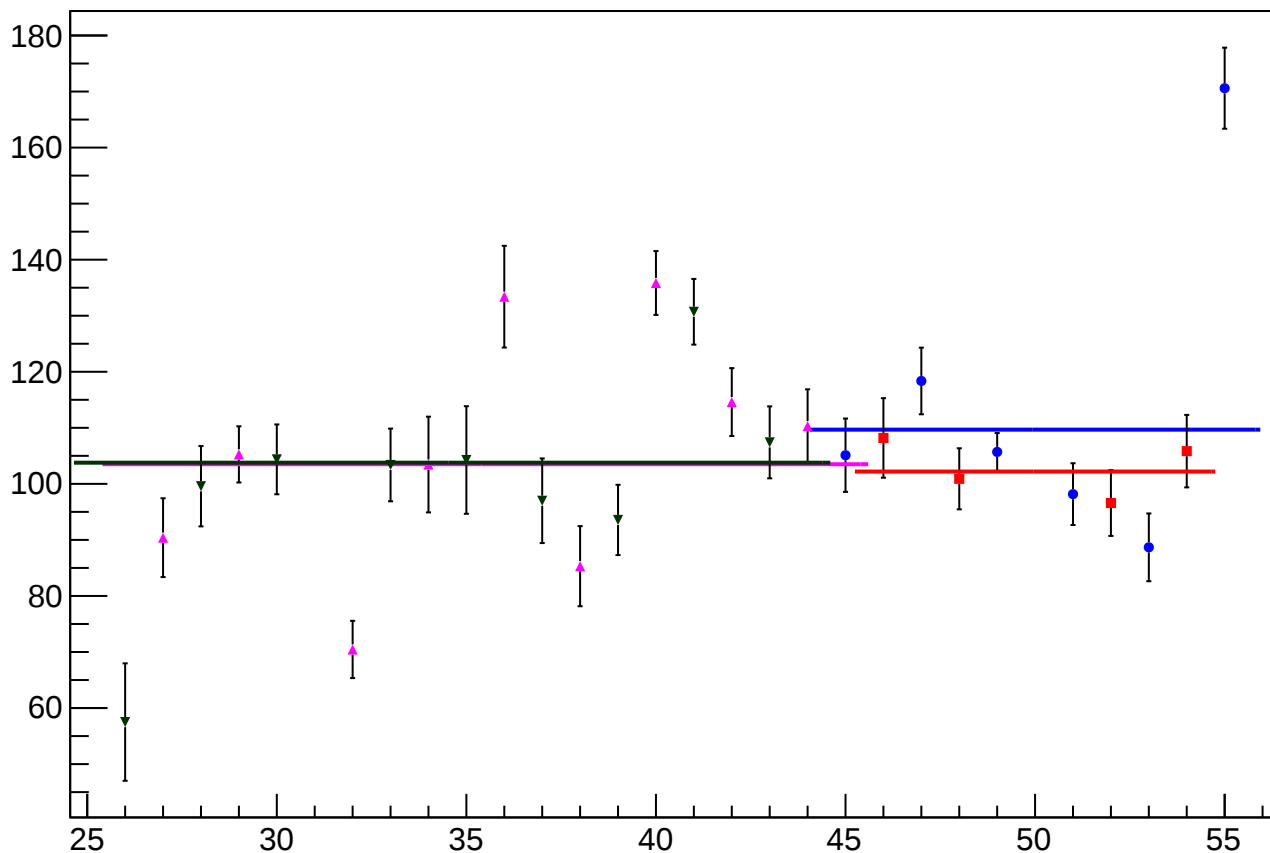
Right Out: 7.524+/-1.194 χ^2/NDF : 10.5/3

Left In: 10.630+/-0.898 χ^2/NDF : 4.1/8

8.112+/-0.620 χ^2/NDF : 89.9/14

9.508+/-0.718 χ^2/NDF : 19.0/12

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 109.676+/-2.136 χ^2/NDF : 91.4/5

Left Out: 103.778+/-2.323 χ^2/NDF : 44.8/8

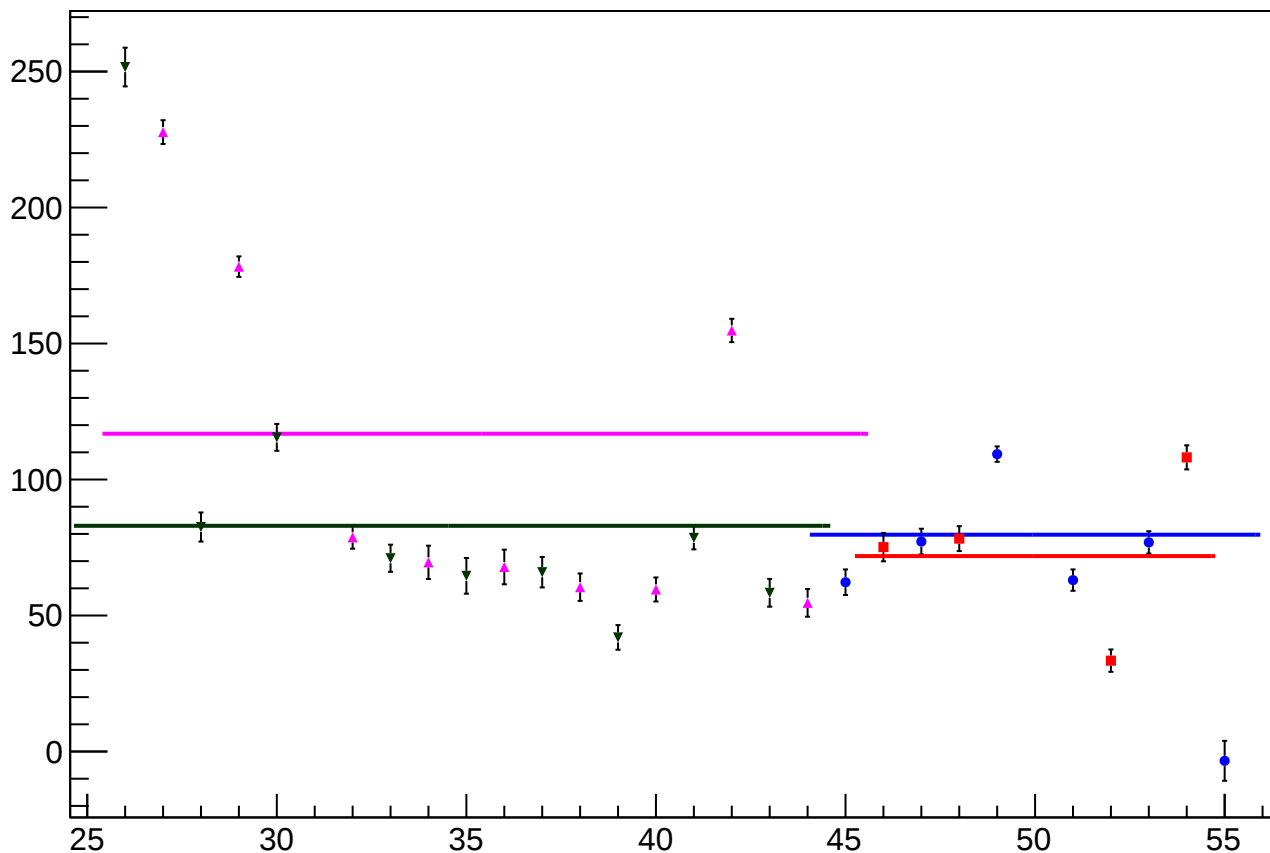
Right Out: 102.199+/-3.066 χ^2/NDF : 2.0/3

Left In: 103.505+/-2.108 χ^2/NDF : 99.4/8

106.973+/-1.572 χ^2/NDF : 139.6/14

103.085+/-1.737 χ^2/NDF : 101.6/12

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 79.714+/-1.673 χ^2/NDF : 270.1/5

Left Out: 82.987+/-1.731 χ^2/NDF : 733.8/8

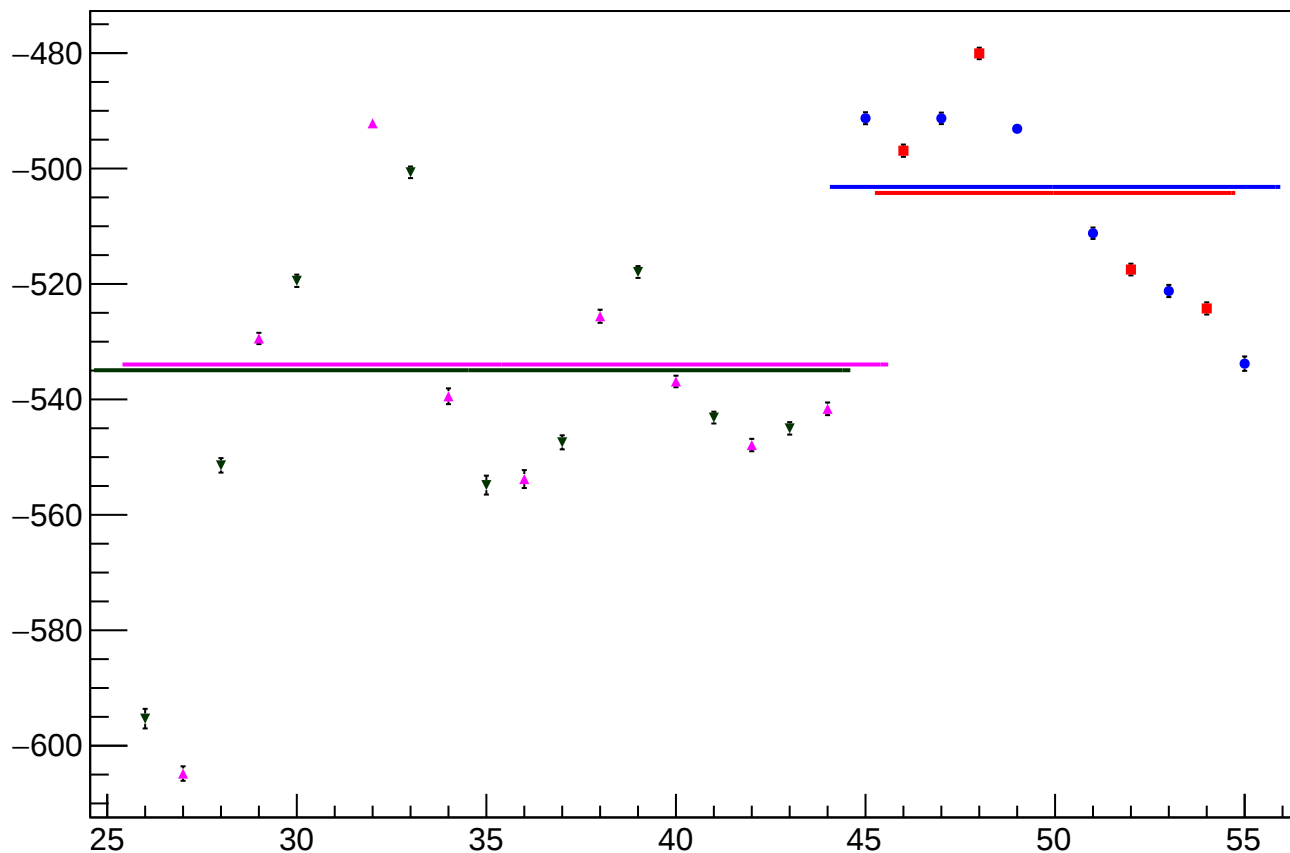
Right Out: 71.849+/-2.267 χ^2/NDF : 156.9/3

Left In: 116.837+/-1.553 χ^2/NDF : 1630.8/8

81.295+/-1.203 χ^2/NDF : 1005.7/14

102.471+/-1.281 χ^2/NDF : 2055.8/12

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -503.186+/-0.390 χ^2/NDF : 1441.8/5

Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

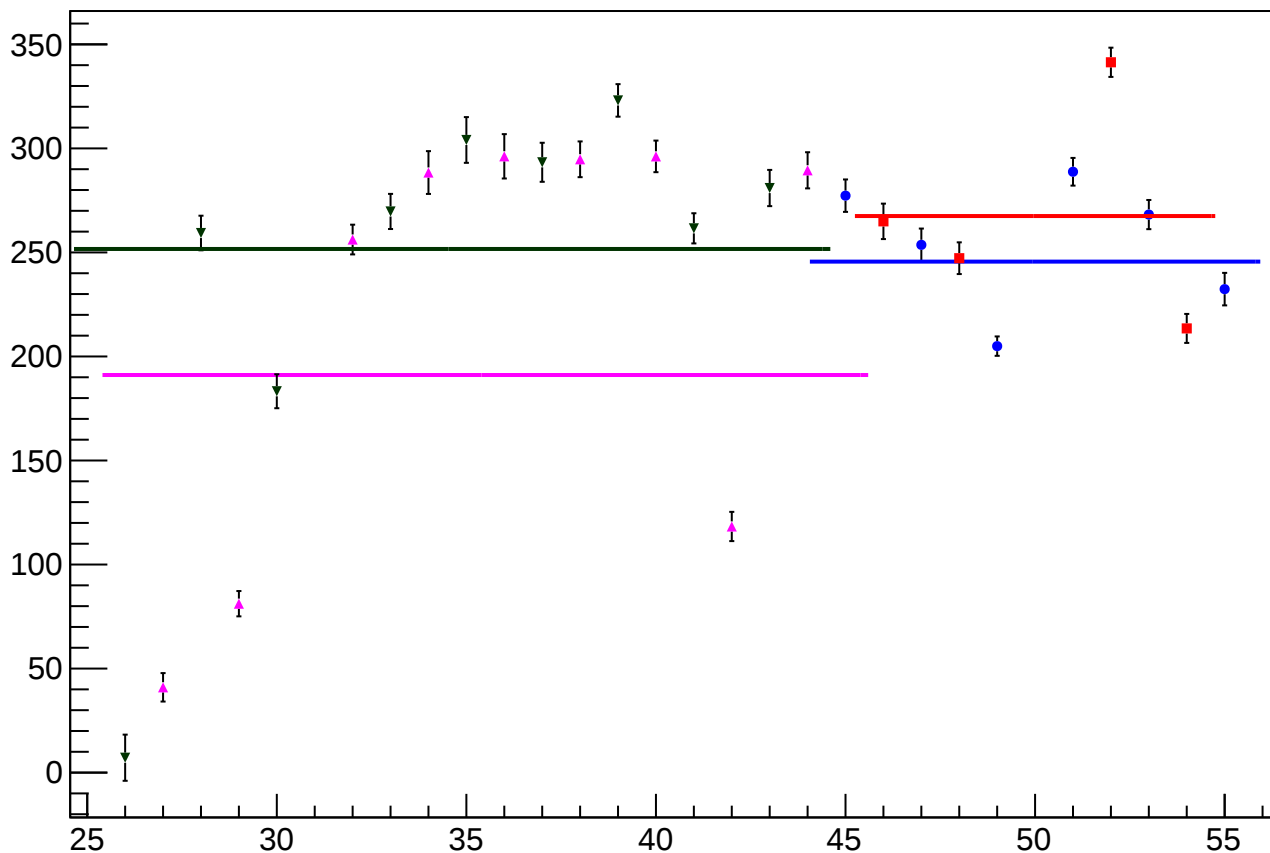
Right Out: -504.232+/-0.517 χ^2/NDF : 1162.8/3

Left In: -533.950+/-0.361 χ^2/NDF : 6442.7/8

-519.176+/-0.275 χ^2/NDF : 8268.1/14

-524.197+/-0.296 χ^2/NDF : 9829.2/12

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 245.588 $\pm$ 2.690 χ^2 /NDF: 149.0/5

Left Out: 251.665 $\pm$ 2.888 χ^2 /NDF: 700.3/8

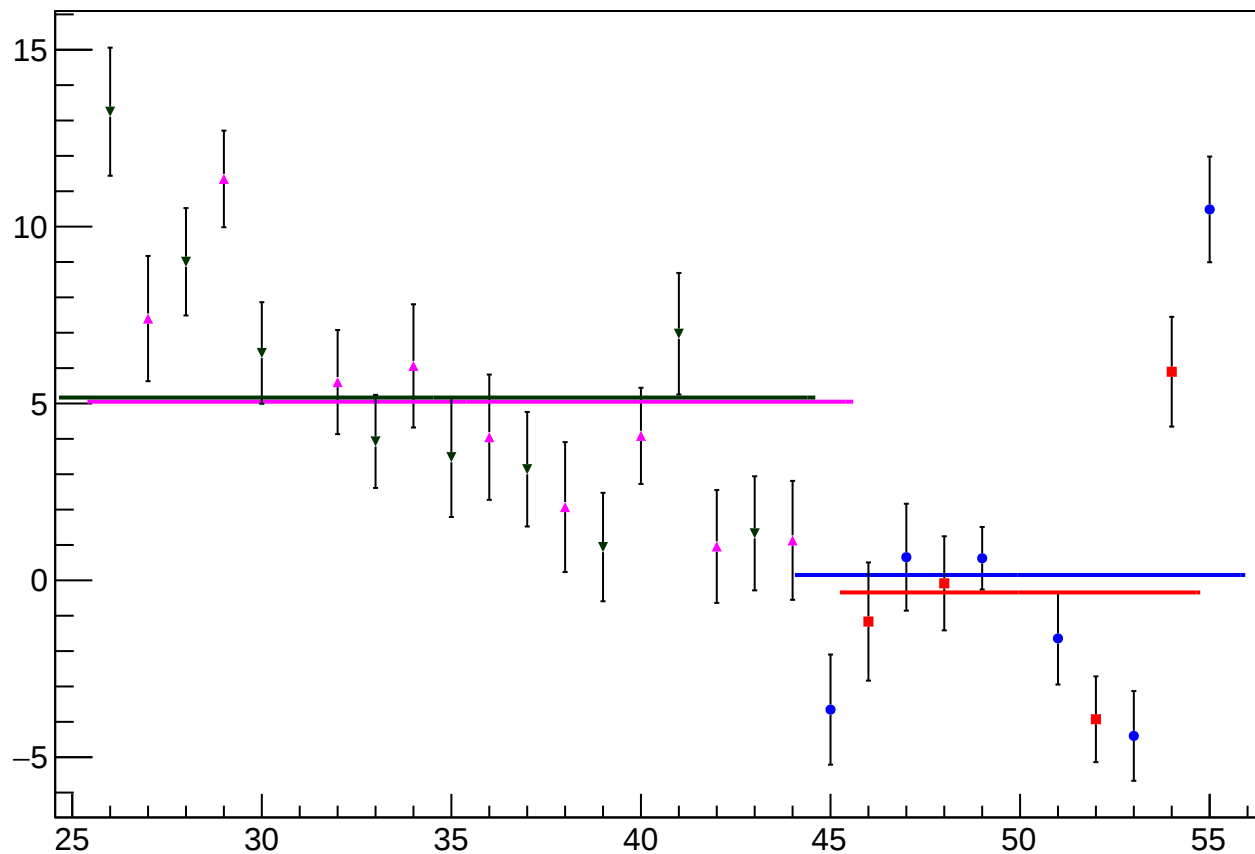
Right Out: 267.489 $\pm$ 3.730 χ^2 /NDF: 177.9/3

Left In: 191.089 $\pm$ 2.577 χ^2 /NDF: 1650.2/8

248.411 $\pm$ 1.969 χ^2 /NDF: 851.7/14

215.770 $\pm$ 2.120 χ^2 /NDF: 2112.1/12

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.152 ± 0.514 χ^2/NDF : 69.0/5

Left Out: 5.168 ± 0.521 χ^2/NDF : 44.9/8

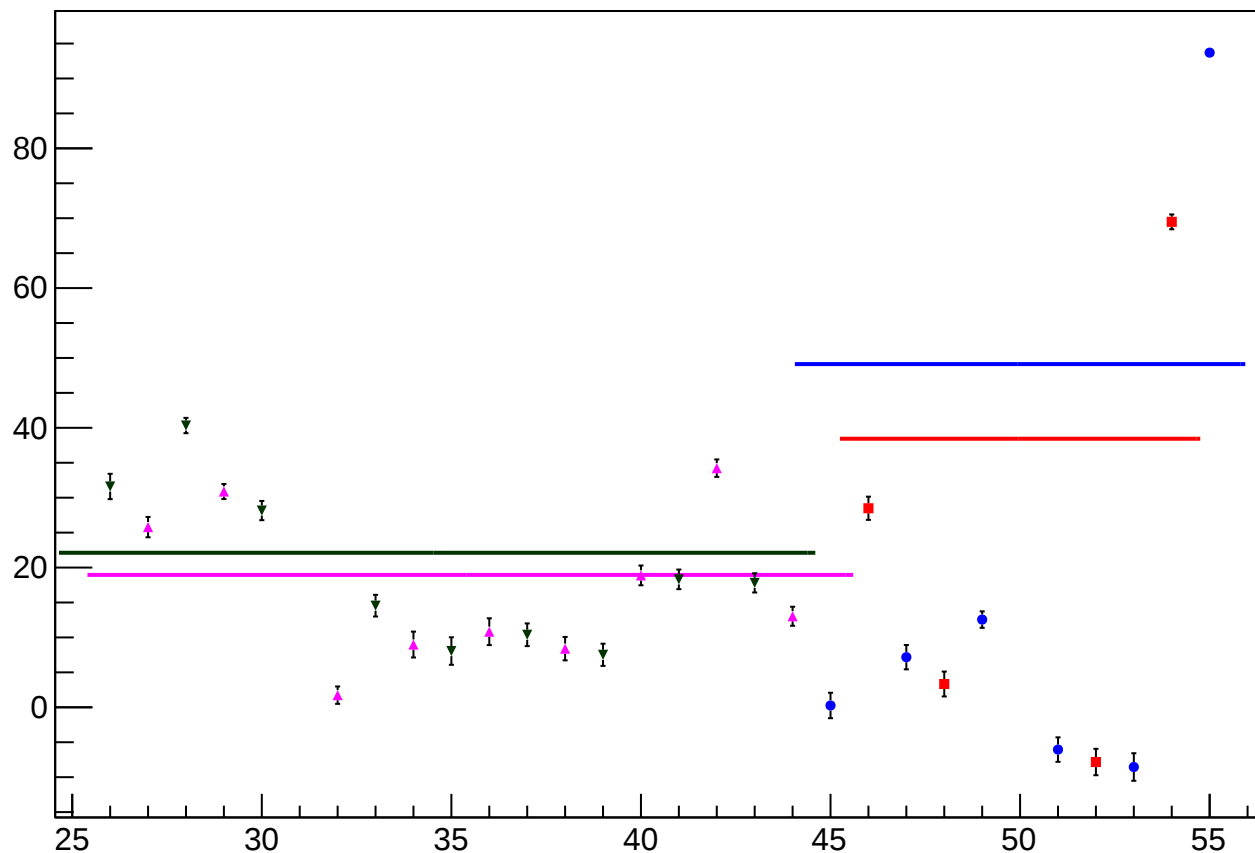
Right Out: -0.341 ± 0.704 χ^2/NDF : 25.2/3

Left In: 5.051 ± 0.531 χ^2/NDF : 39.0/8

2.625 ± 0.366 χ^2/NDF : 160.8/14

3.095 ± 0.424 χ^2/NDF : 101.6/12

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 49.120 ± 0.506 χ^2/NDF : 8024.9/5

Left Out: 22.117 ± 0.491 χ^2/NDF : 551.8/8

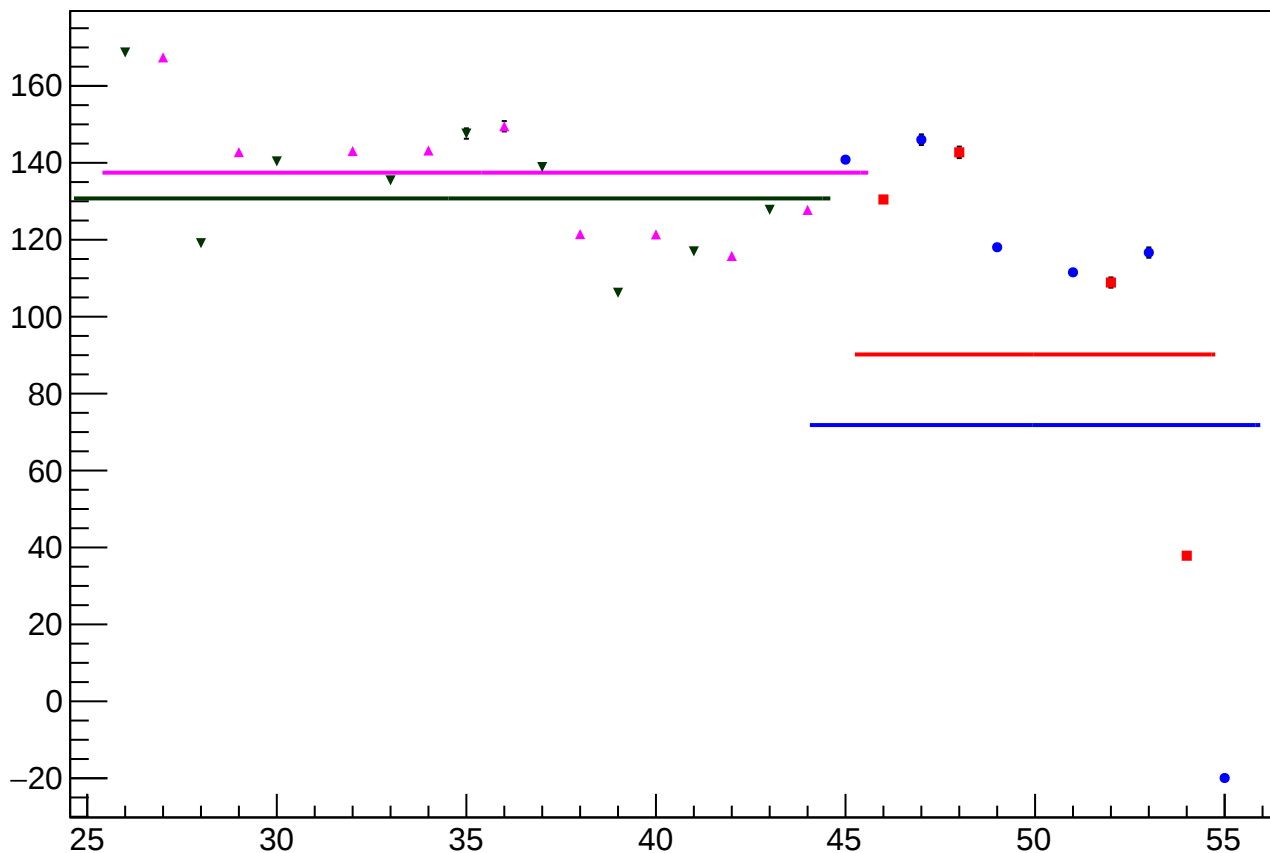
Right Out: 38.438 ± 0.736 χ^2/NDF : 1881.3/3

Left In: 18.949 ± 0.468 χ^2/NDF : 590.0/8

35.206 ± 0.352 χ^2/NDF : 10043.8/14

24.559 ± 0.395 χ^2/NDF : 2971.0/12

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 71.824+/-0.440 χ^2/NDF : 25758.8/5

Left Out: 130.746+/-0.370 χ^2/NDF : 2040.6/8

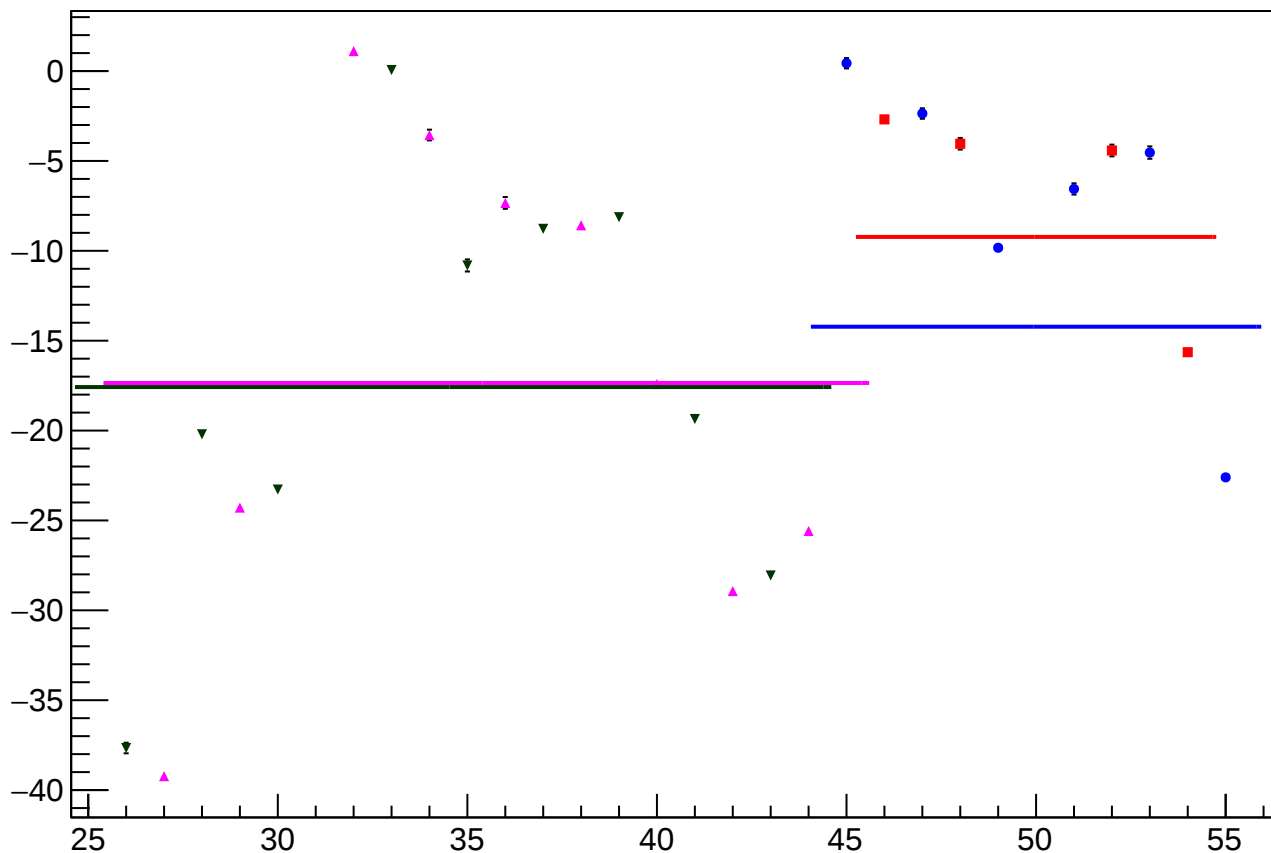
Right Out: 90.179+/-0.606 χ^2/NDF : 5434.8/3

Left In: 137.445+/-0.345 χ^2/NDF : 2221.8/8

106.335+/-0.284 χ^2/NDF : 38279.1/14

125.864+/-0.300 χ^2/NDF : 12243.4/12

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -14.222 $\pm$ 0.089 χ^2 /NDF: 10602.4/5

Left Out: -17.579 $\pm$ 0.083 χ^2 /NDF:15734.3/8

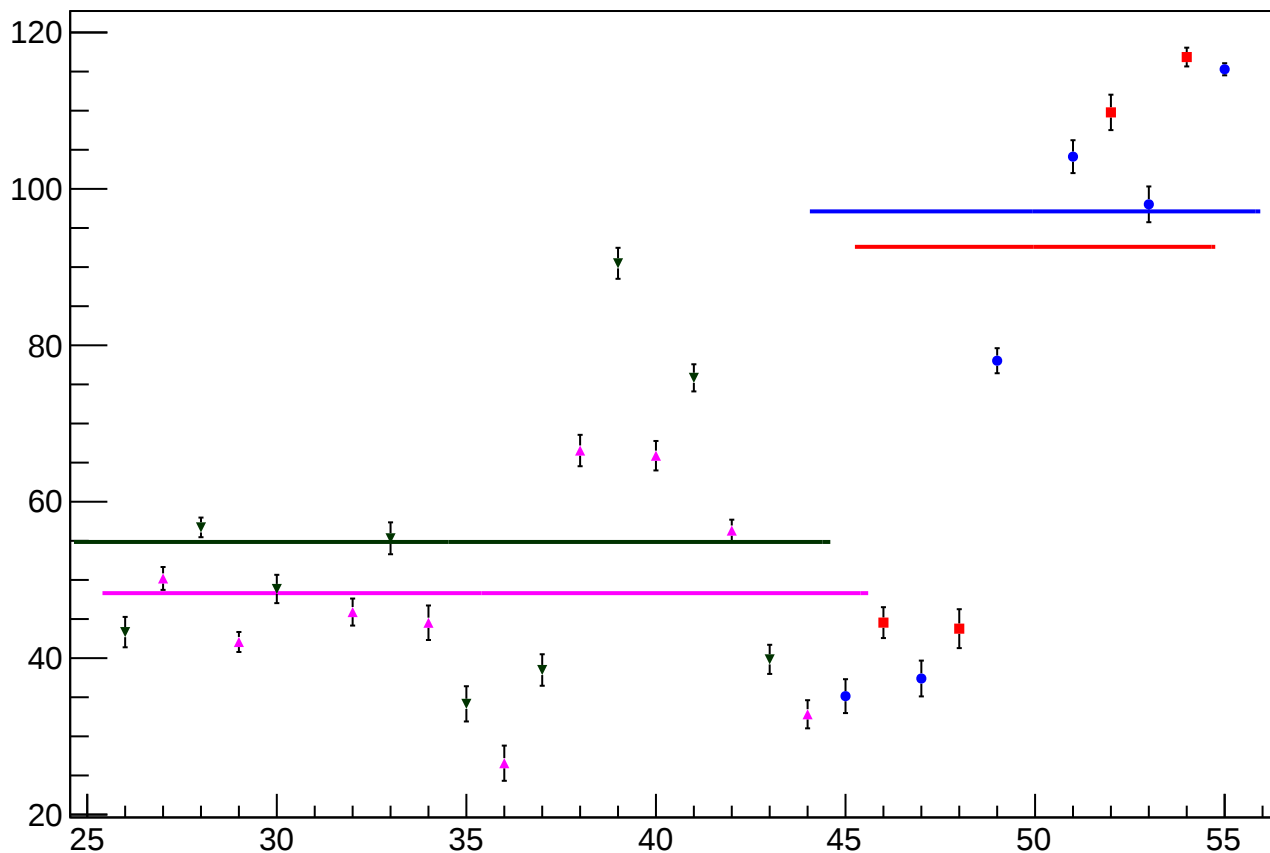
Right Out: -9.227 $\pm$ 0.123 χ^2 /NDF: 2425.4/3

Left In: -17.353 $\pm$ 0.080 χ^2 /NDF:25926.3/8

-16.027 $\pm$ 0.061 χ^2 /NDF: 27100.7/14

-14.936 $\pm$ 0.067 χ^2 /NDF: 31402.6/12

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 97.123 ± 0.589 χ^2/NDF : 2202.3/5

Left Out: 54.857 ± 0.602 χ^2/NDF : 733.3/8

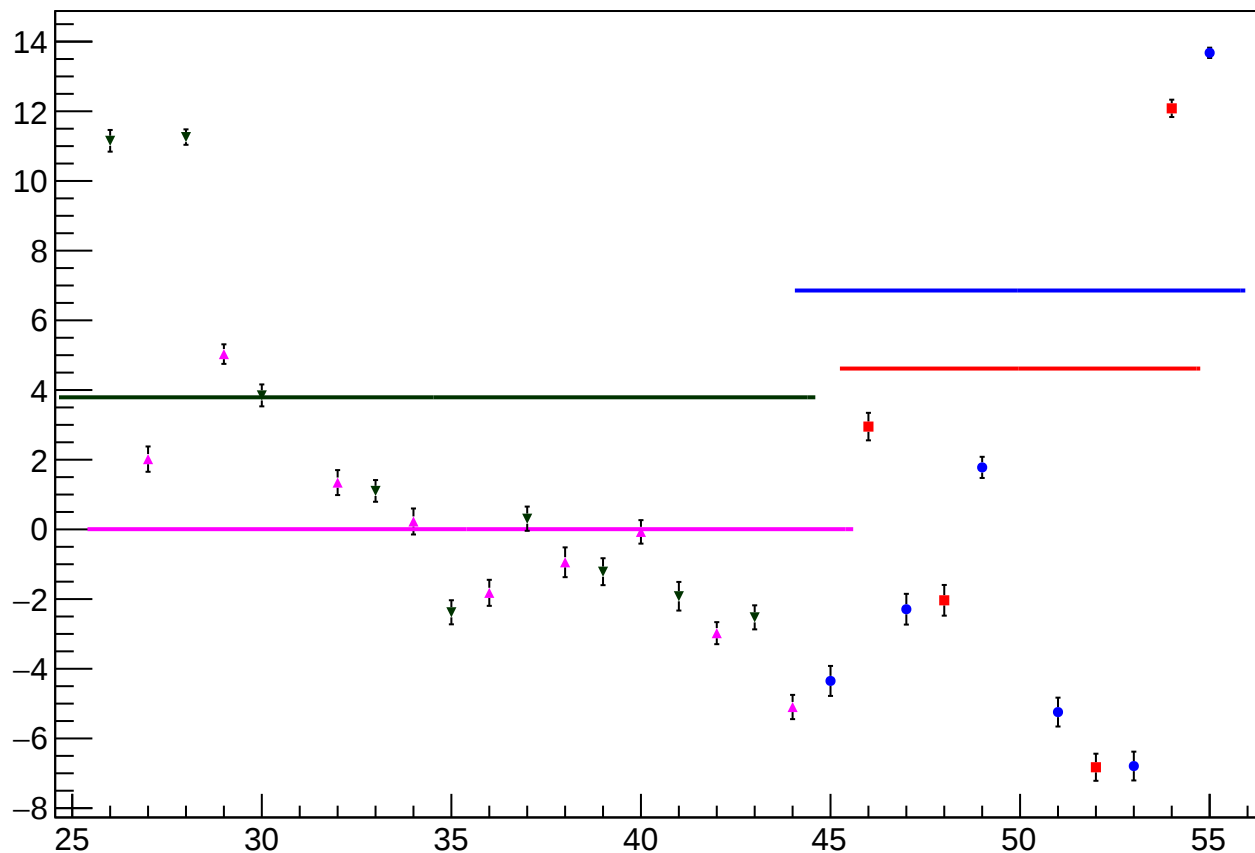
Right Out: 92.591 ± 0.874 χ^2/NDF : 1443.9/3

Left In: 48.311 ± 0.562 χ^2/NDF : 400.4/8

76.416 ± 0.421 χ^2/NDF : 5454.0/14

61.240 ± 0.473 χ^2/NDF : 3659.9/12

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 6.856 $\pm$ 0.113 χ^2 /NDF: 5464.6/5

Left Out: 3.791 $\pm$ 0.106 χ^2 /NDF: 2883.5/8

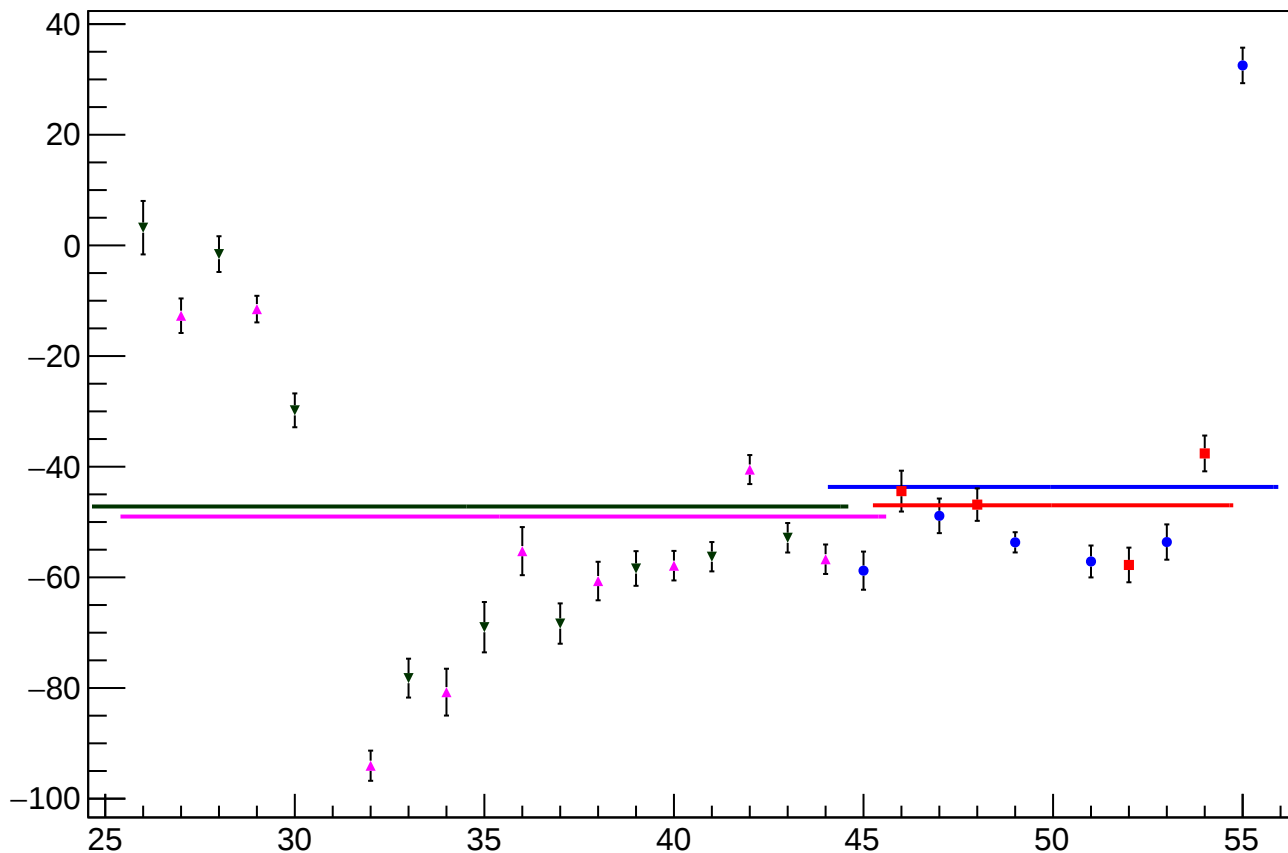
Right Out: 4.616 $\pm$ 0.171 χ^2 /NDF: 2013.1/3

Left In: 0.006 $\pm$ 0.116 χ^2 /NDF: 698.3/8

5.234 $\pm$ 0.077 χ^2 /NDF: 8740.5/14

1.455 $\pm$ 0.096 χ^2 /NDF: 3211.8/12

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -43.656 ± 1.117 χ^2/NDF : 647.4/5

Left Out: -47.193 ± 1.094 χ^2/NDF : 504.1/8

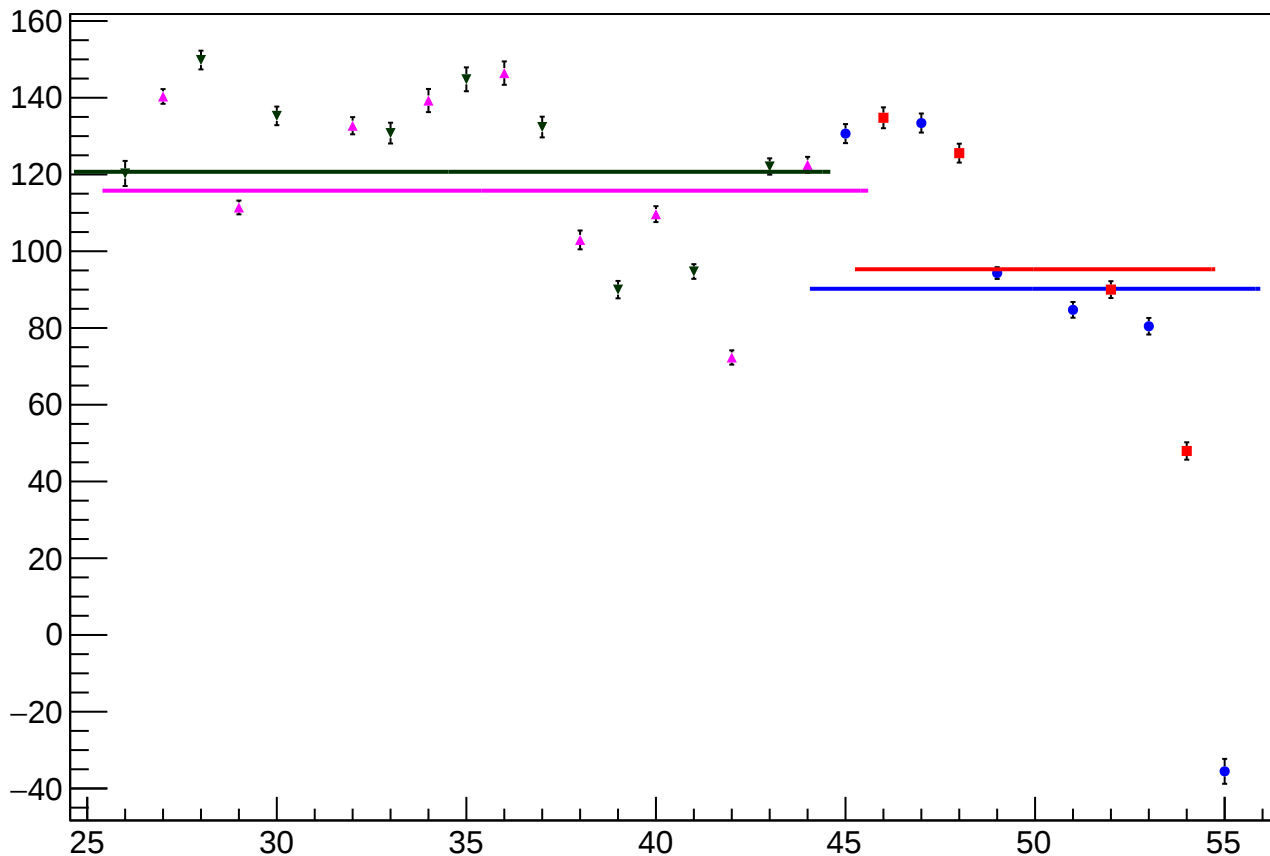
Right Out: -46.977 ± 1.607 χ^2/NDF : 20.7/3

Left In: -49.009 ± 0.986 χ^2/NDF : 751.0/8

-45.461 ± 0.782 χ^2/NDF : 1156.7/14

-48.453 ± 0.841 χ^2/NDF : 772.9/12

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 90.216+/-0.878 χ^2/NDF : 2100.1/5

Left Out: 120.704+/-0.817 χ^2/NDF : 639.7/8

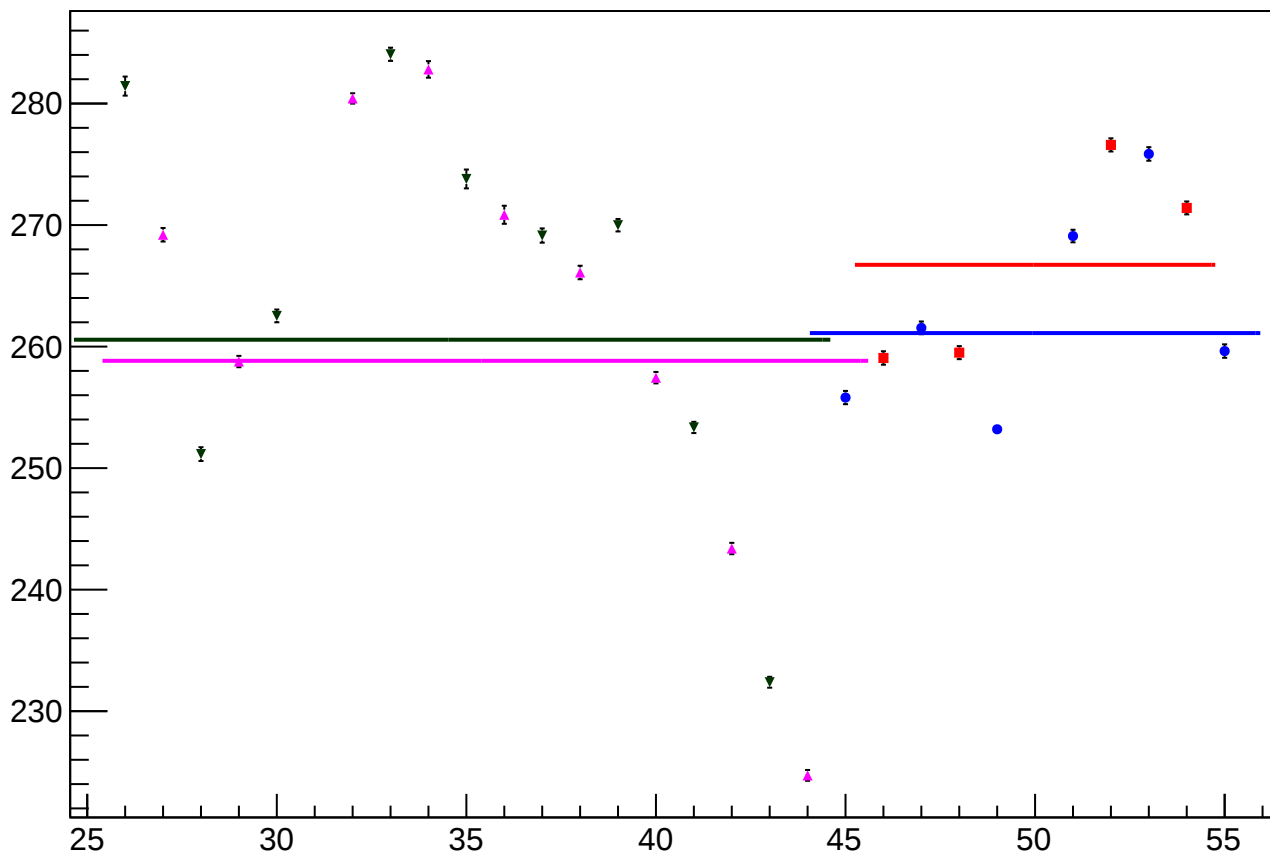
Right Out: 95.304+/-1.193 χ^2/NDF : 803.4/3

Left In: 115.783+/-0.721 χ^2/NDF : 983.2/8

106.565+/-0.598 χ^2/NDF : 3385.7/14

110.302+/-0.617 χ^2/NDF : 2002.4/12

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 261.112 $\pm$ 0.203 χ^2 /NDF: 1482.6/5

Left Out: 260.566 $\pm$ 0.183 χ^2 /NDF: 7890.4/8

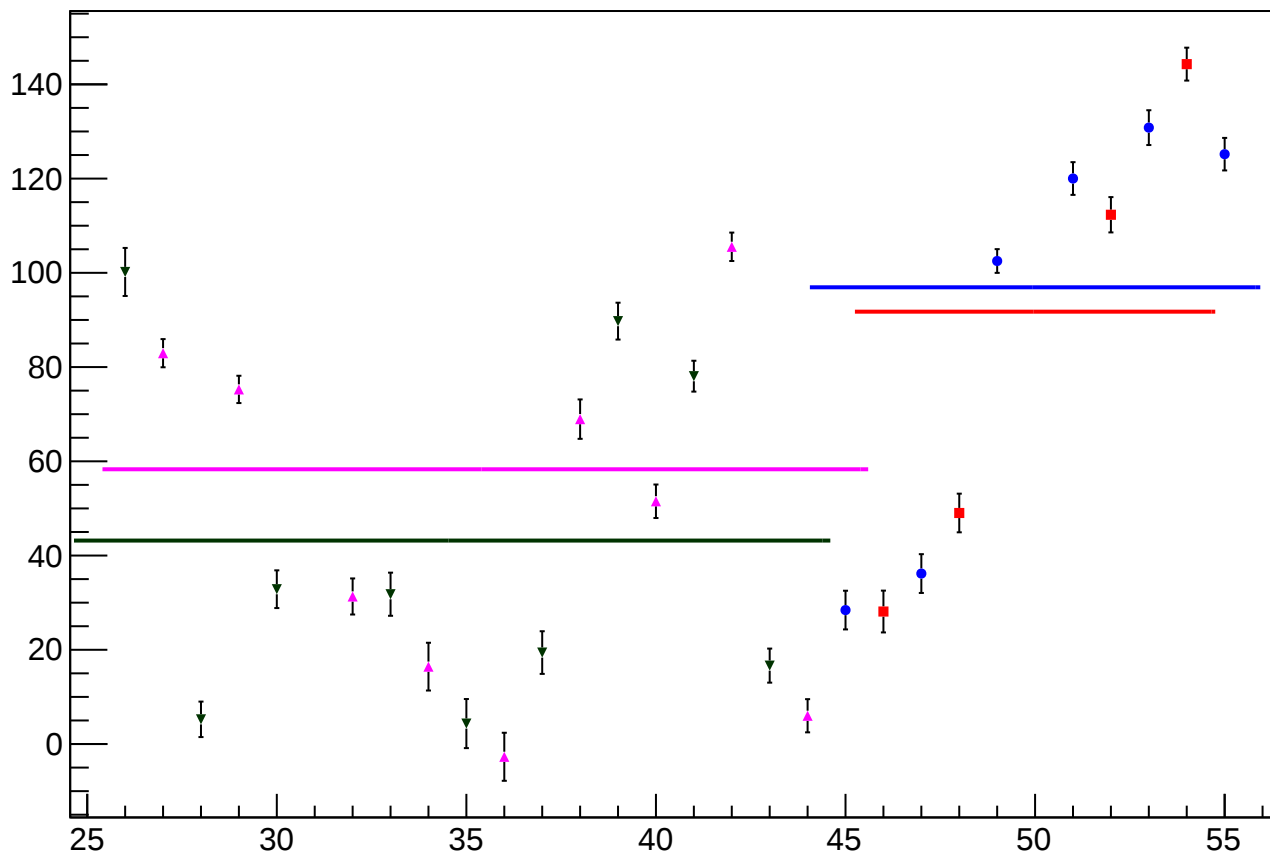
Right Out: 266.729 $\pm$ 0.271 χ^2 /NDF: 781.8/3

Left In: 258.829 $\pm$ 0.170 χ^2 /NDF: 11543.7/8

260.811 $\pm$ 0.136 χ^2 /NDF: 9377.0/14

261.064 $\pm$ 0.144 χ^2 /NDF: 12937.0/12

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 96.931+/-1.392 χ^2 /NDF: 696.5/5

Left Out: 43.180+/-1.361 χ^2 /NDF: 631.7/8

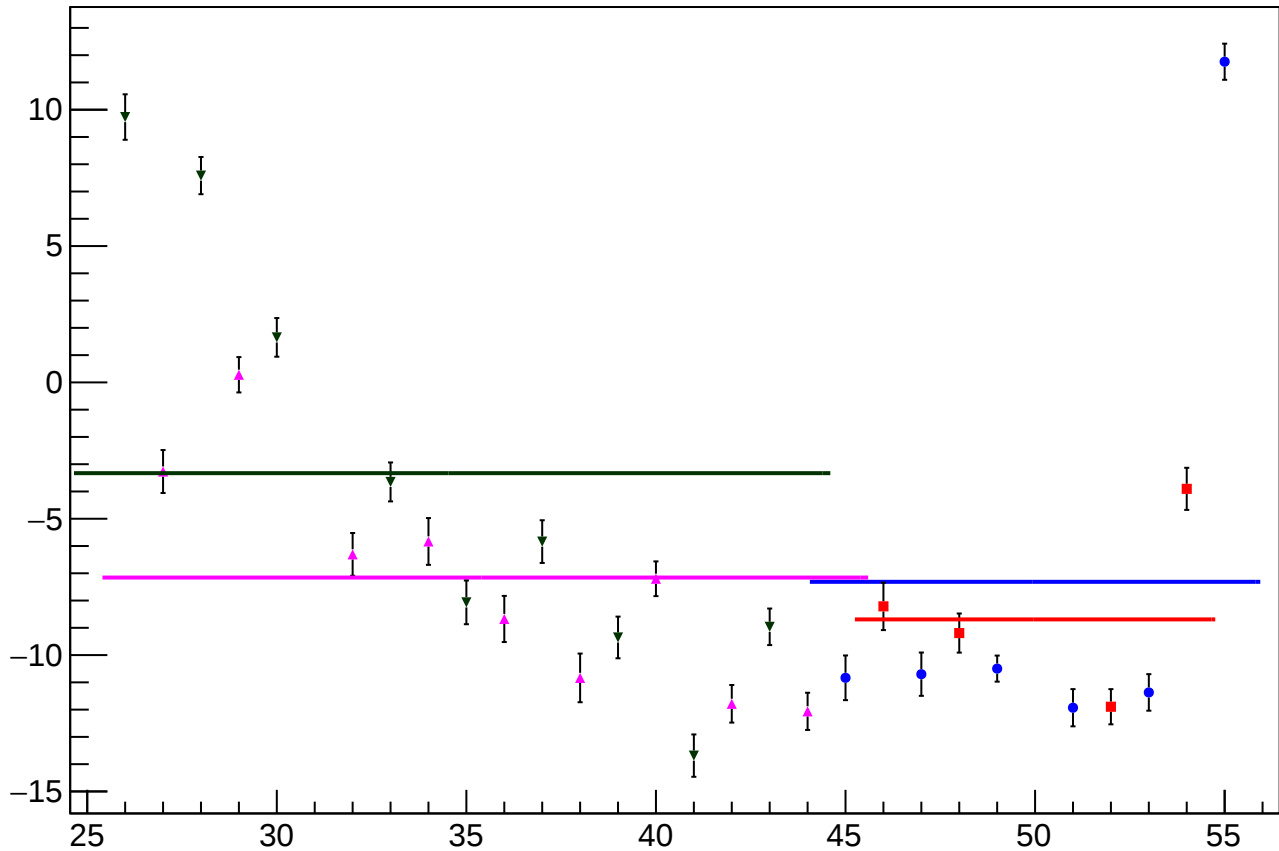
Right Out: 91.758+/-1.948 χ^2 /NDF: 570.6/3

Left In: 58.309+/-1.192 χ^2 /NDF: 839.2/8

69.452+/-0.973 χ^2 /NDF: 2090.6/14

67.421+/-1.017 χ^2 /NDF: 1624.2/12

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -7.313+/-0.266 χ^2/NDF : 993.0/5

Left Out: -3.328+/-0.248 χ^2/NDF :906.6/8

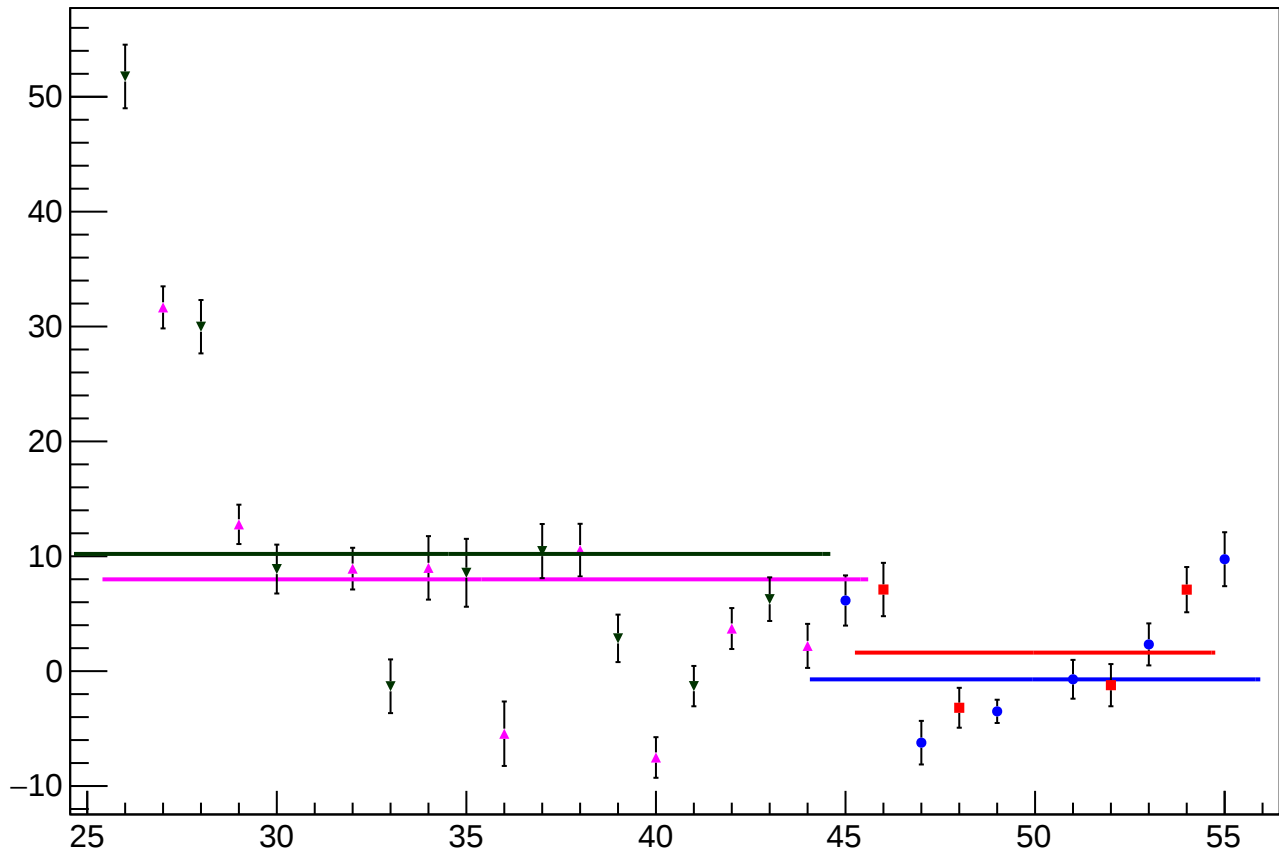
Right Out: -8.691+/-0.369 χ^2/NDF : 63.9/3

Left In: -7.157+/-0.247 χ^2/NDF :276.6/8

-5.176+/-0.181 χ^2/NDF : 2019.8/14

-7.632+/-0.205 χ^2/NDF : 352.5/12

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -0.716 ± 0.660 χ^2/NDF : 48.5/5

Left Out: 10.204 ± 0.735 χ^2/NDF : 382.8/8

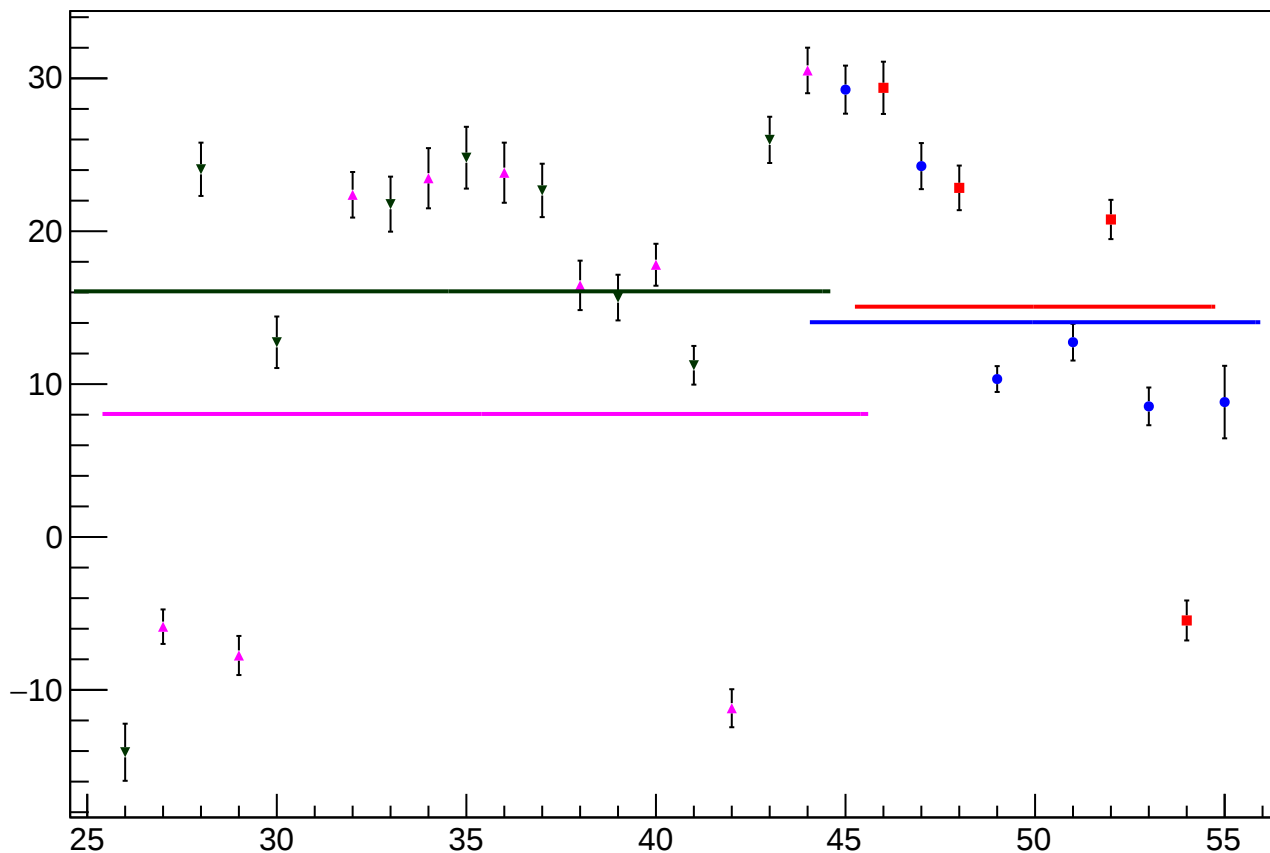
Right Out: 1.613 ± 0.966 χ^2/NDF : 23.4/3

Left In: 7.990 ± 0.660 χ^2/NDF : 291.3/8

4.159 ± 0.491 χ^2/NDF : 553.4/14

5.962 ± 0.545 χ^2/NDF : 344.4/12

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 14.049 $\pm$ 0.515 χ^2/NDF : 184.8/5

Left Out: 16.069 $\pm$ 0.546 χ^2/NDF : 386.1/8

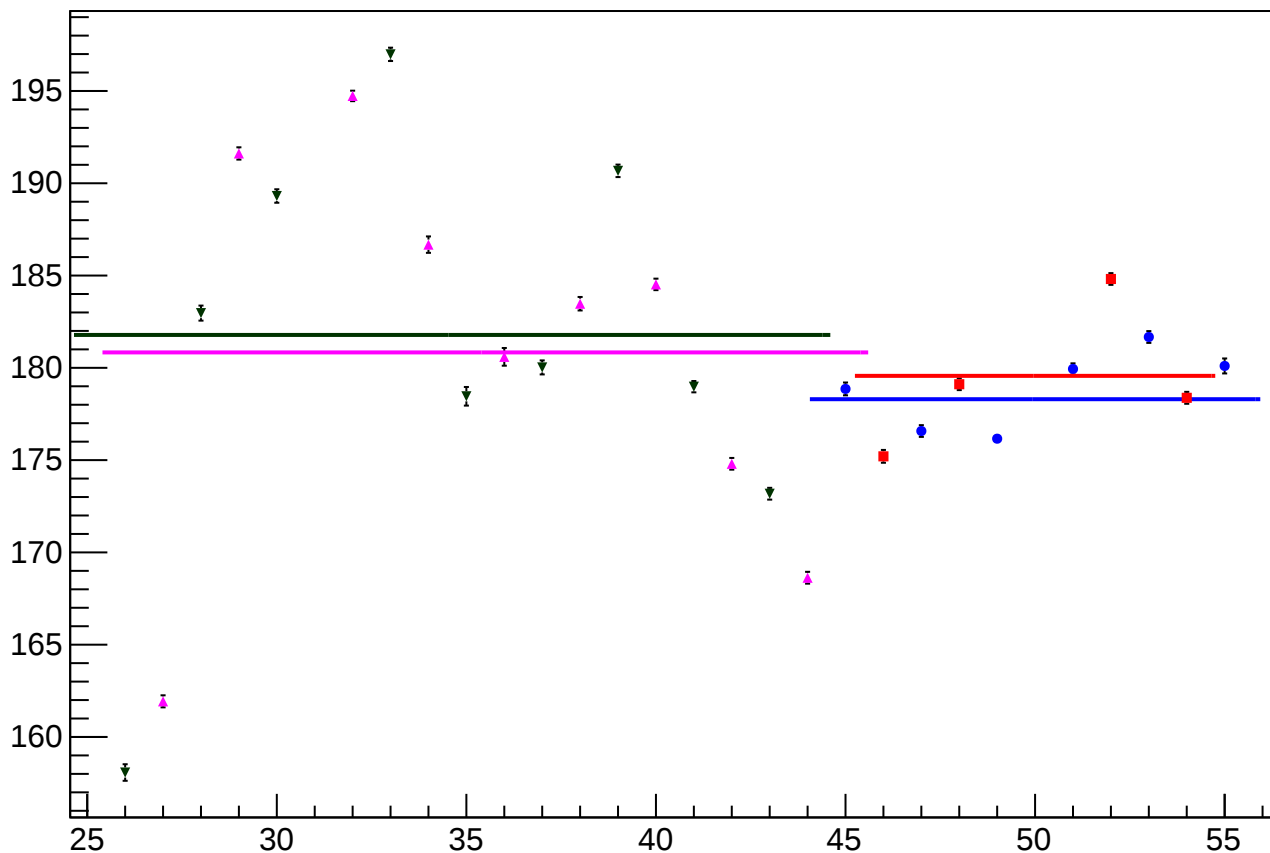
Right Out: 15.065 $\pm$ 0.706 χ^2/NDF : 364.8/3

Left In: 8.048 $\pm$ 0.478 χ^2/NDF : 1067.9/8

15.001 $\pm$ 0.374 χ^2/NDF : 578.1/14

10.252 $\pm$ 0.396 χ^2/NDF : 1500.3/12

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 178.300+/-0.121 χ^2/NDF : 297.6/5

Left Out: 181.782+/-0.123 χ^2/NDF : 6553.1/8

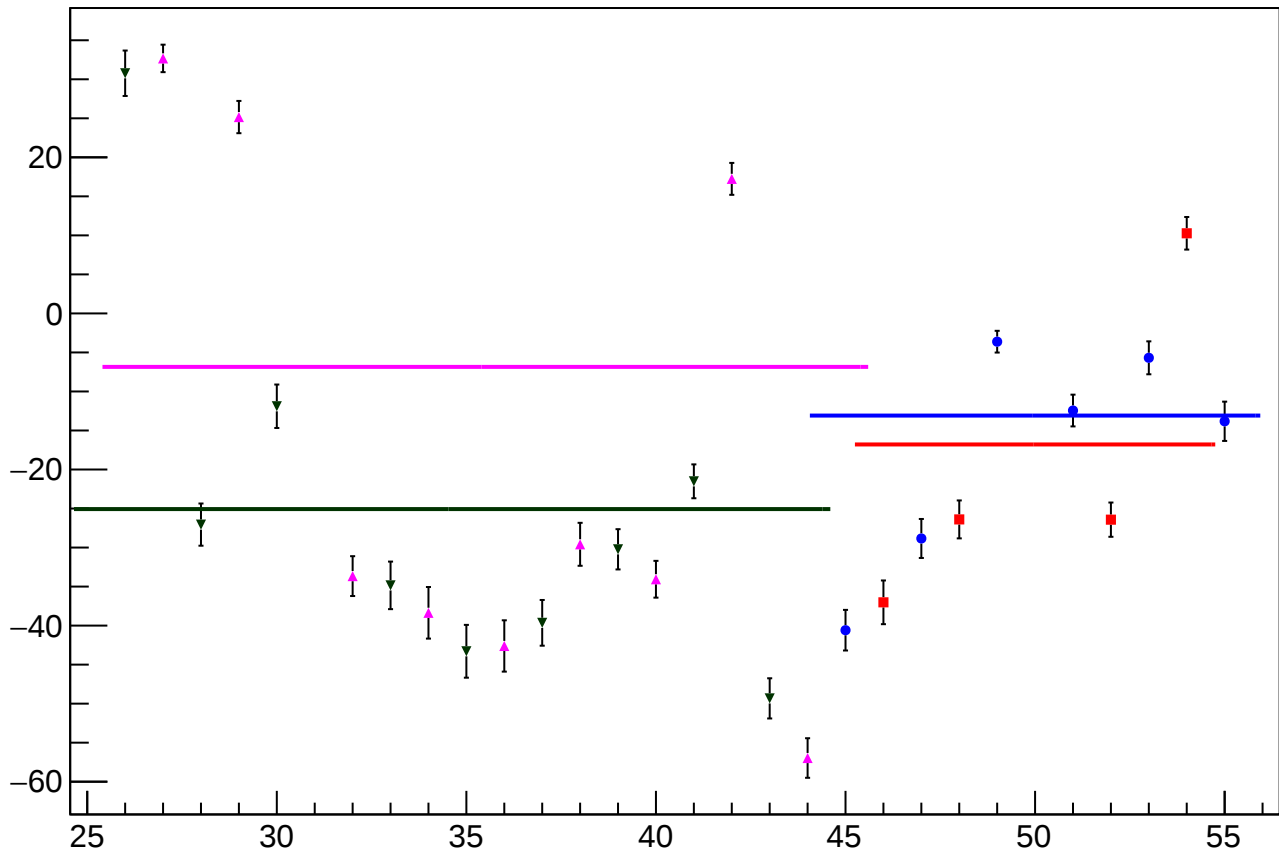
Right Out: 179.565+/-0.163 χ^2/NDF : 445.5/3

Left In: 180.835+/-0.114 χ^2/NDF : 8962.0/8

180.018+/-0.086 χ^2/NDF : 7257.1/14

180.421+/-0.093 χ^2/NDF : 9448.4/12

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -13.089+/-0.831 χ^2/NDF : 210.1/5

Left Out: -25.070+/-0.909 χ^2/NDF : 550.5/8

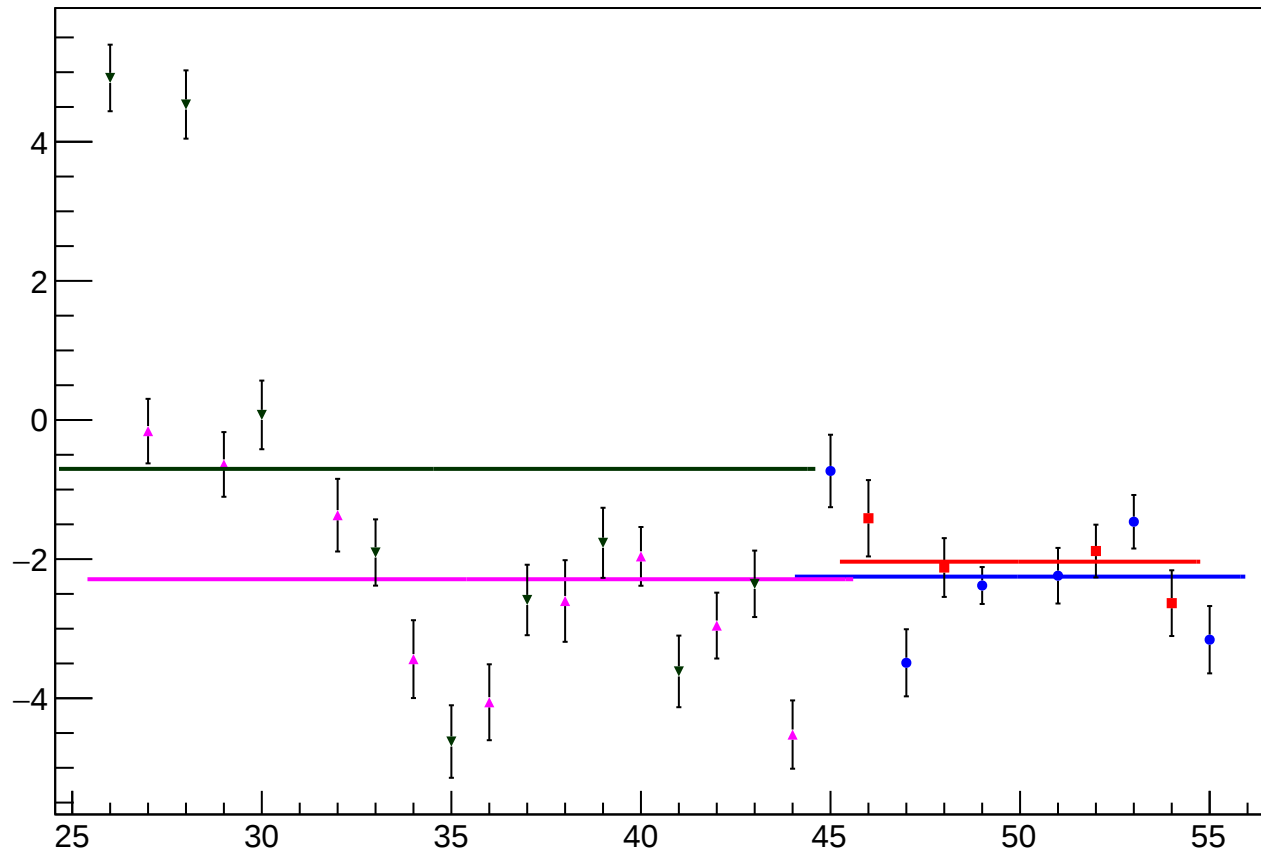
Right Out: -16.790+/-1.167 χ^2/NDF : 255.0/3

Left In: -6.850+/-0.790 χ^2/NDF : 1794.2/8

-18.541+/-0.614 χ^2/NDF : 855.2/14

-9.974+/-0.654 χ^2/NDF : 2098.9/12

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.252 ± 0.159 $\chi^2/\text{NDF}: 23.0/5$

Left Out: -0.703 ± 0.165 $\chi^2/\text{NDF}: 379.5/8$

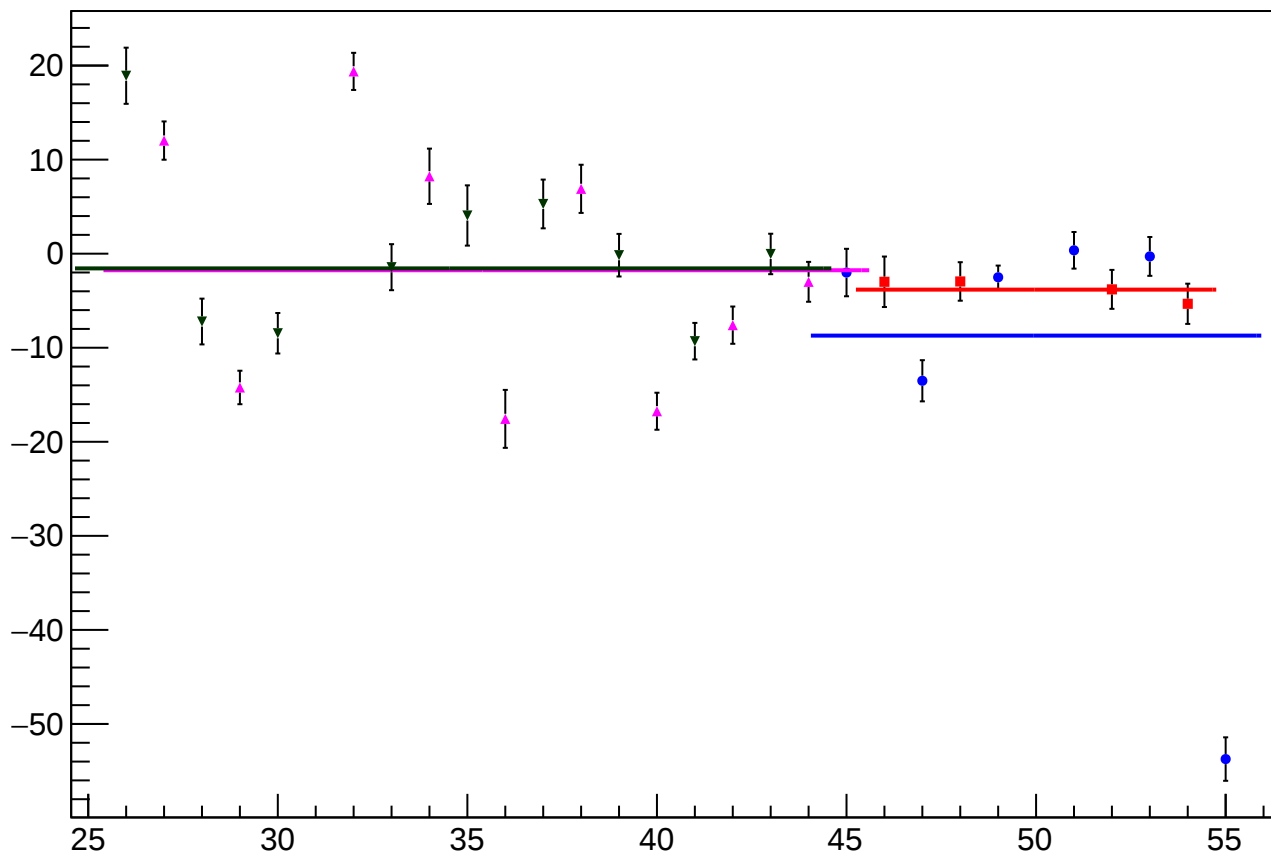
Right Out: -2.037 ± 0.222 $\chi^2/\text{NDF}: 3.1/3$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.505 ± 0.115 $\chi^2/\text{NDF}: 448.2/14$

-2.199 ± 0.132 $\chi^2/\text{NDF}: 79.0/12$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -8.711+/-0.767 χ^2/NDF : 454.6/5

Left Out: -1.565+/-0.794 χ^2/NDF : 89.6/8

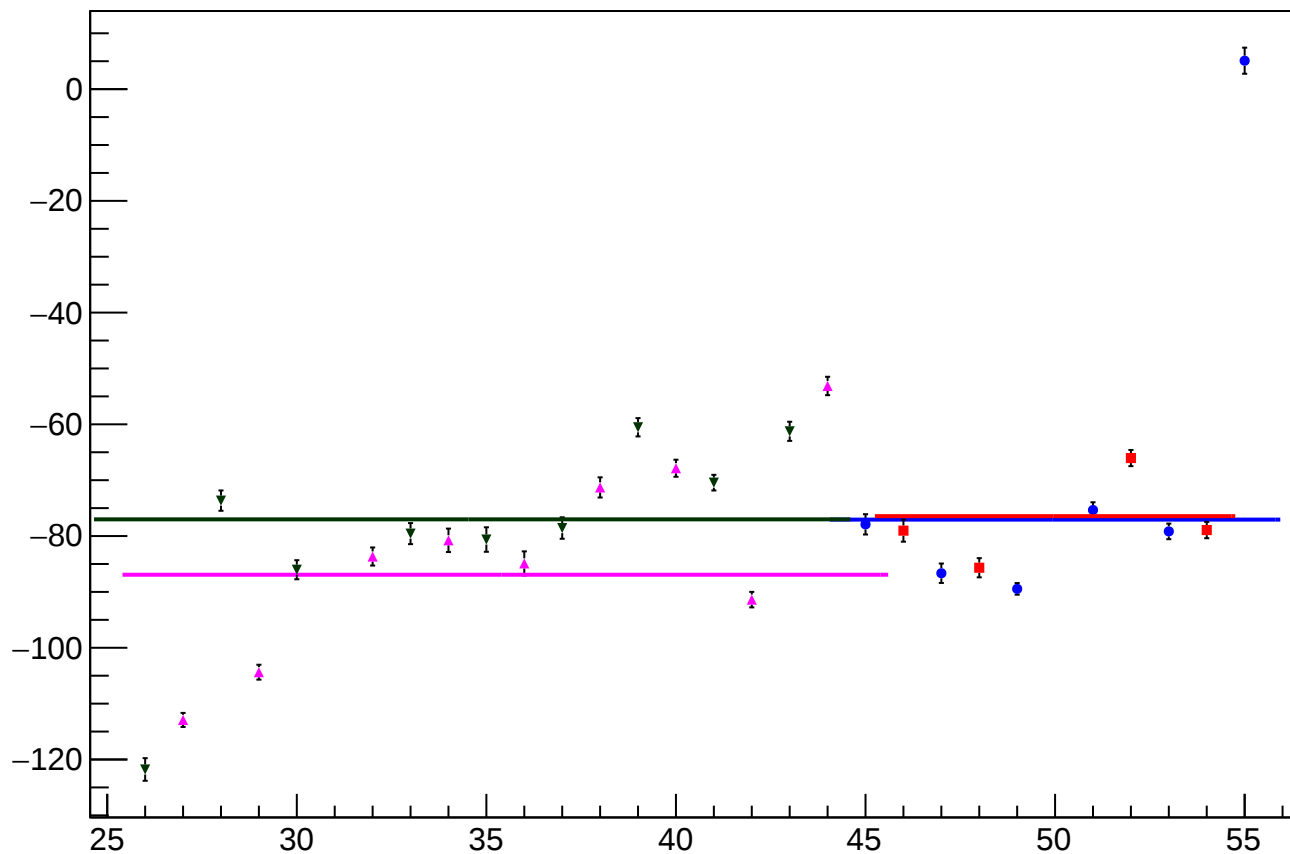
Right Out: -3.822+/-1.098 χ^2/NDF : 0.8/3

Left In: -1.762+/-0.721 χ^2/NDF : 326.0/8

-5.259+/-0.552 χ^2/NDF : 586.1/14

-2.383+/-0.603 χ^2/NDF : 329.2/12

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -77.058 ± 0.601 χ^2/NDF : 1414.3/5

Left Out: -77.011 ± 0.590 χ^2/NDF : 732.4/8

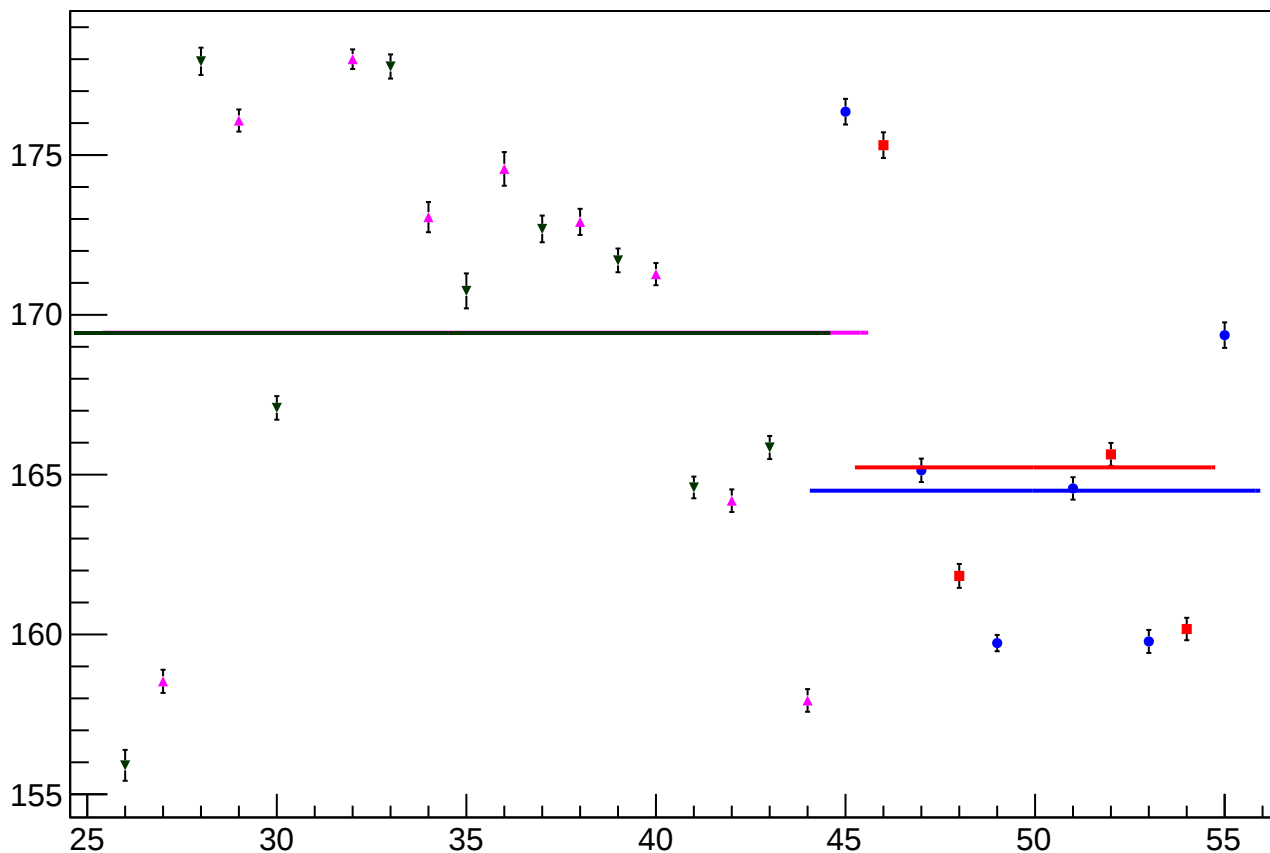
Right Out: -76.438 ± 0.806 χ^2/NDF : 85.1/3

Left In: -86.926 ± 0.524 χ^2/NDF : 1272.9/8

-77.034 ± 0.421 χ^2/NDF : 2146.7/14

-83.807 ± 0.439 χ^2/NDF : 1477.0/12

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 164.498 $\pm$ 0.140 χ^2/NDF : 1543.1/5

Left Out: 169.432 $\pm$ 0.133 χ^2/NDF : 2111.0/8

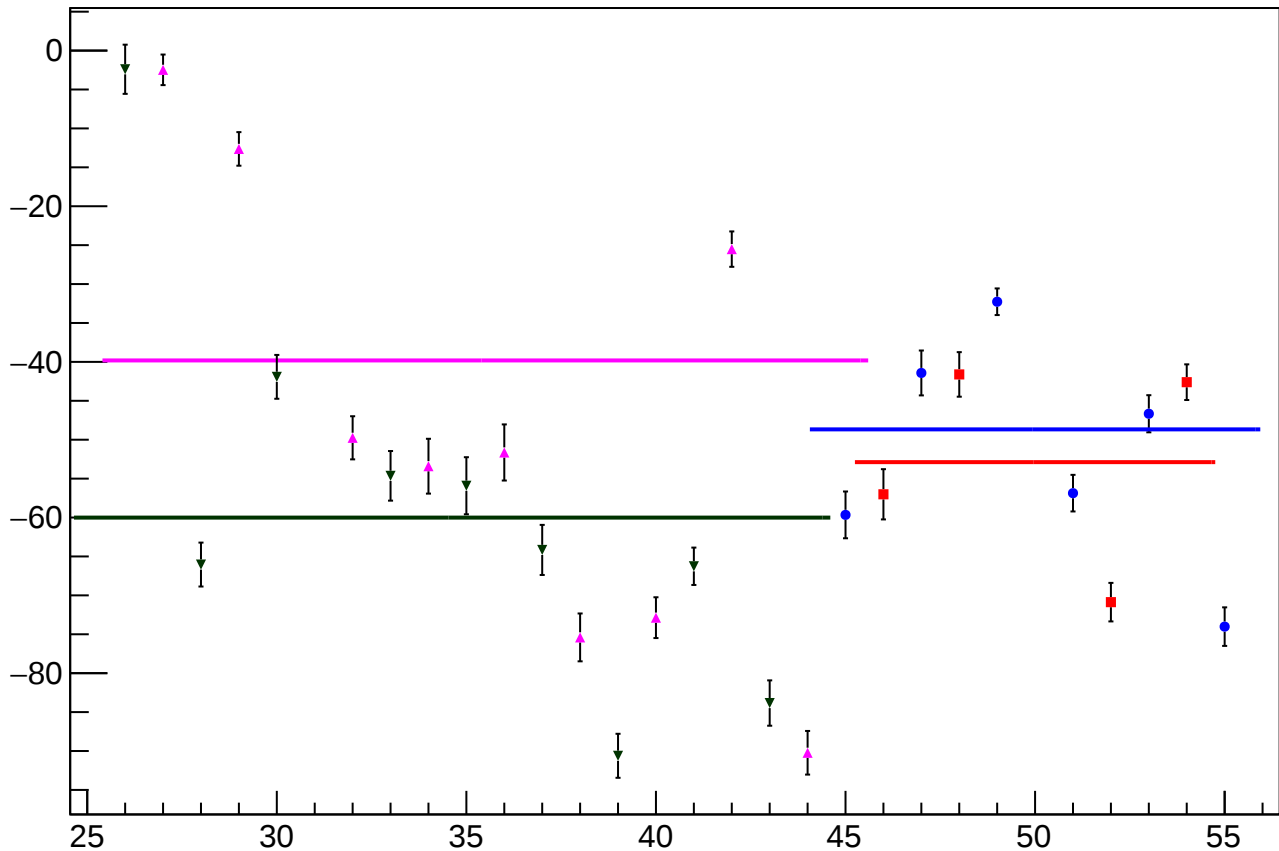
Right Out: 165.228 $\pm$ 0.185 χ^2/NDF : 919.7/3

Left In: 169.441 $\pm$ 0.124 χ^2/NDF : 3580.2/8

167.095 $\pm$ 0.096 χ^2/NDF : 4308.3/14

168.132 $\pm$ 0.103 χ^2/NDF : 4858.0/12

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -48.672 ± 0.957 χ^2/NDF : 229.1/5

Left Out: -60.008 ± 0.982 χ^2/NDF : 574.8/8

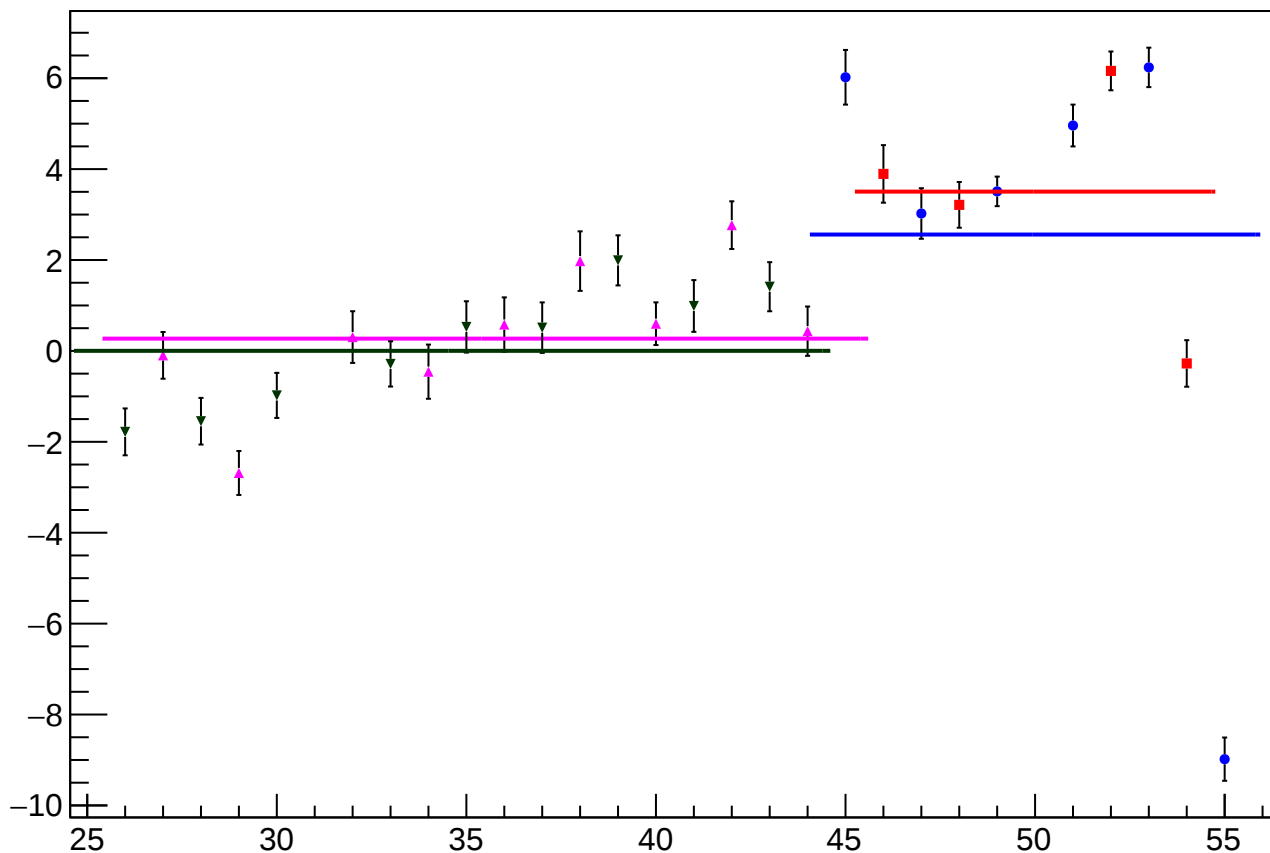
Right Out: -52.882 ± 1.323 χ^2/NDF : 90.1/3

Left In: -39.813 ± 0.866 χ^2/NDF : 1214.8/8

-54.195 ± 0.685 χ^2/NDF : 872.2/14

-43.733 ± 0.724 χ^2/NDF : 1373.2/12

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 2.560 $\pm$ 0.183 χ^2 /NDF: 729.0/5

Left Out: 0.002 $\pm$ 0.177 χ^2 /NDF: 49.9/8

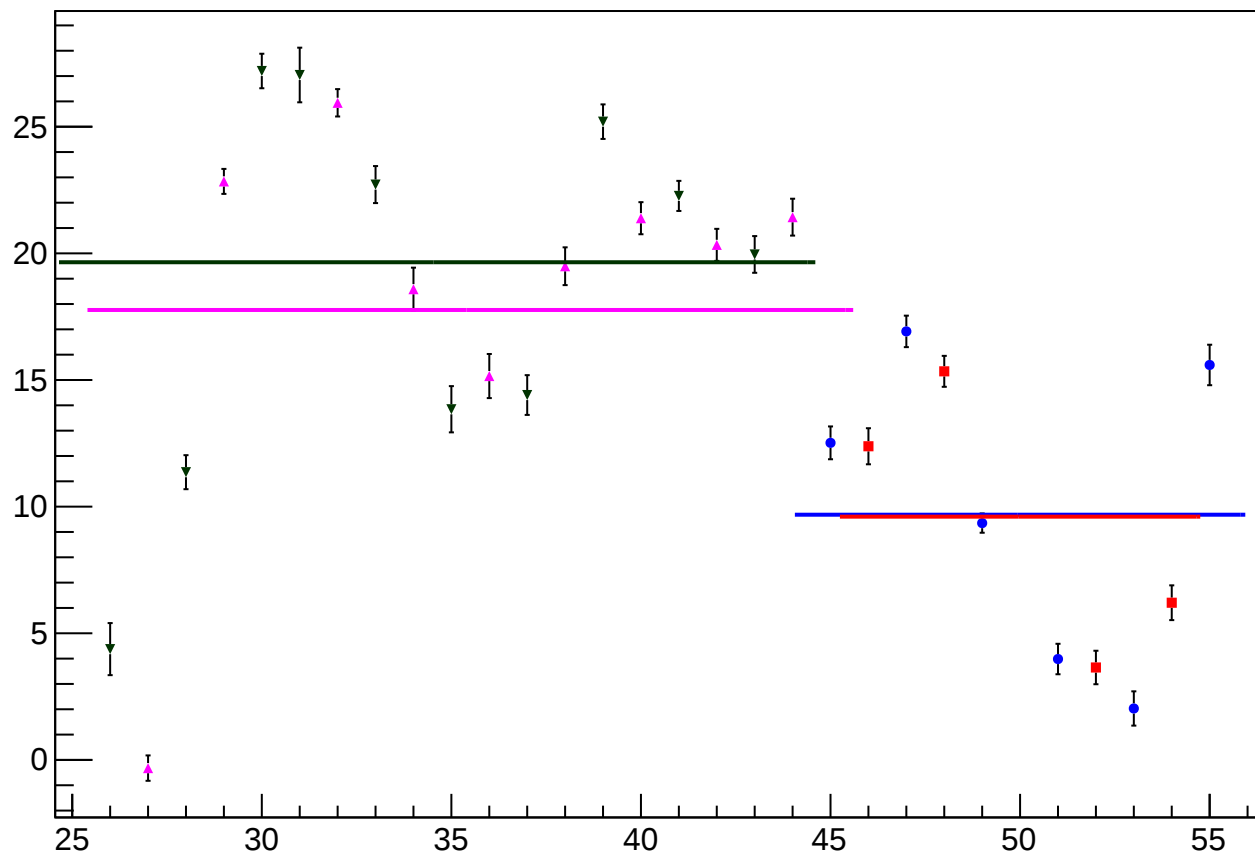
Right Out: 3.505 $\pm$ 0.252 χ^2 /NDF: 94.0/3

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

1.241 $\pm$ 0.127 χ^2 /NDF: 879.9/14

1.368 $\pm$ 0.147 χ^2 /NDF: 272.5/12

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 9.681 ± 0.233 χ^2/NDF : 427.8/5

Left Out: 19.649 ± 0.237 χ^2/NDF : 731.4/9

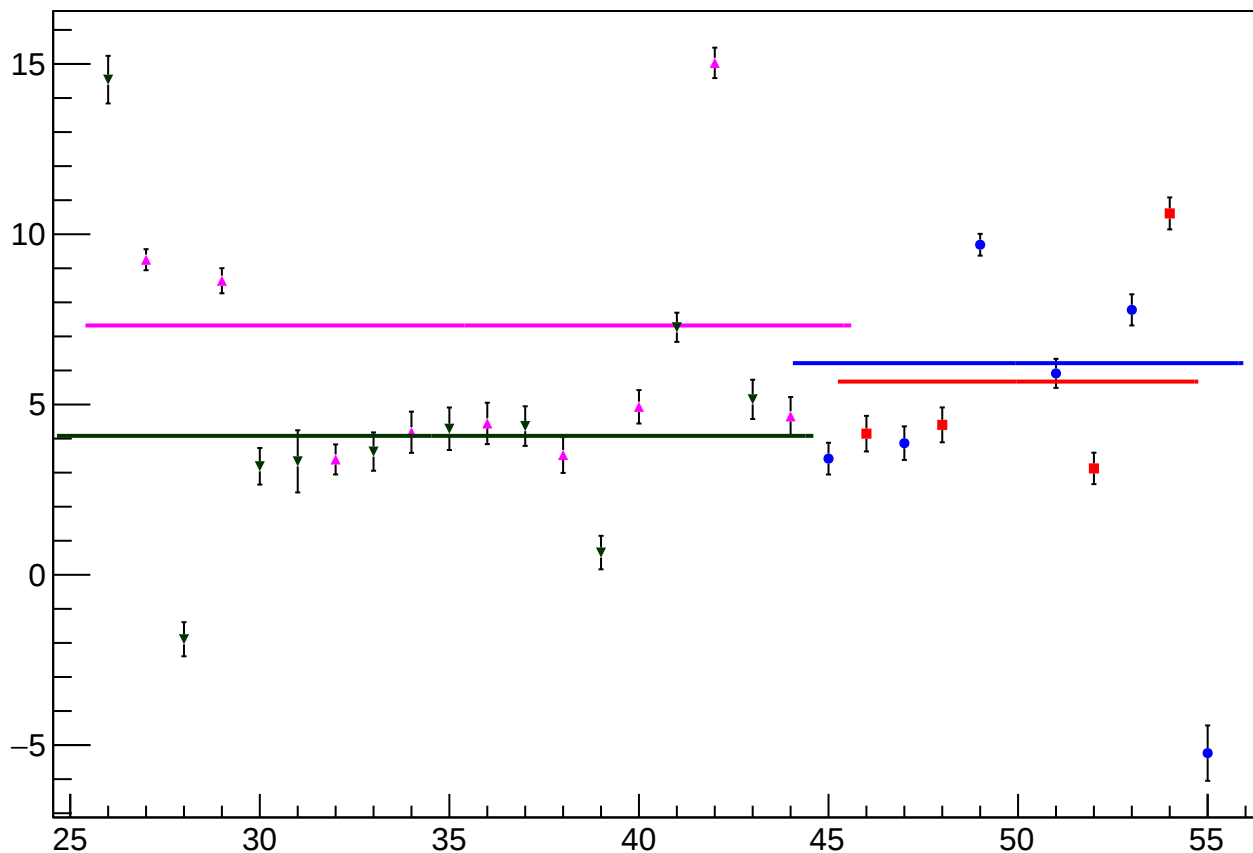
Right Out: 9.605 ± 0.332 χ^2/NDF : 209.1/3

Left In: 17.765 ± 0.209 χ^2/NDF : 1728.2/8

14.579 ± 0.166 χ^2/NDF : 2056.8/15

15.451 ± 0.177 χ^2/NDF : 2369.7/12

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 6.215 ± 0.182 χ^2/NDF : 388.1/5

Left Out: 4.080 ± 0.177 χ^2/NDF : 478.1/9

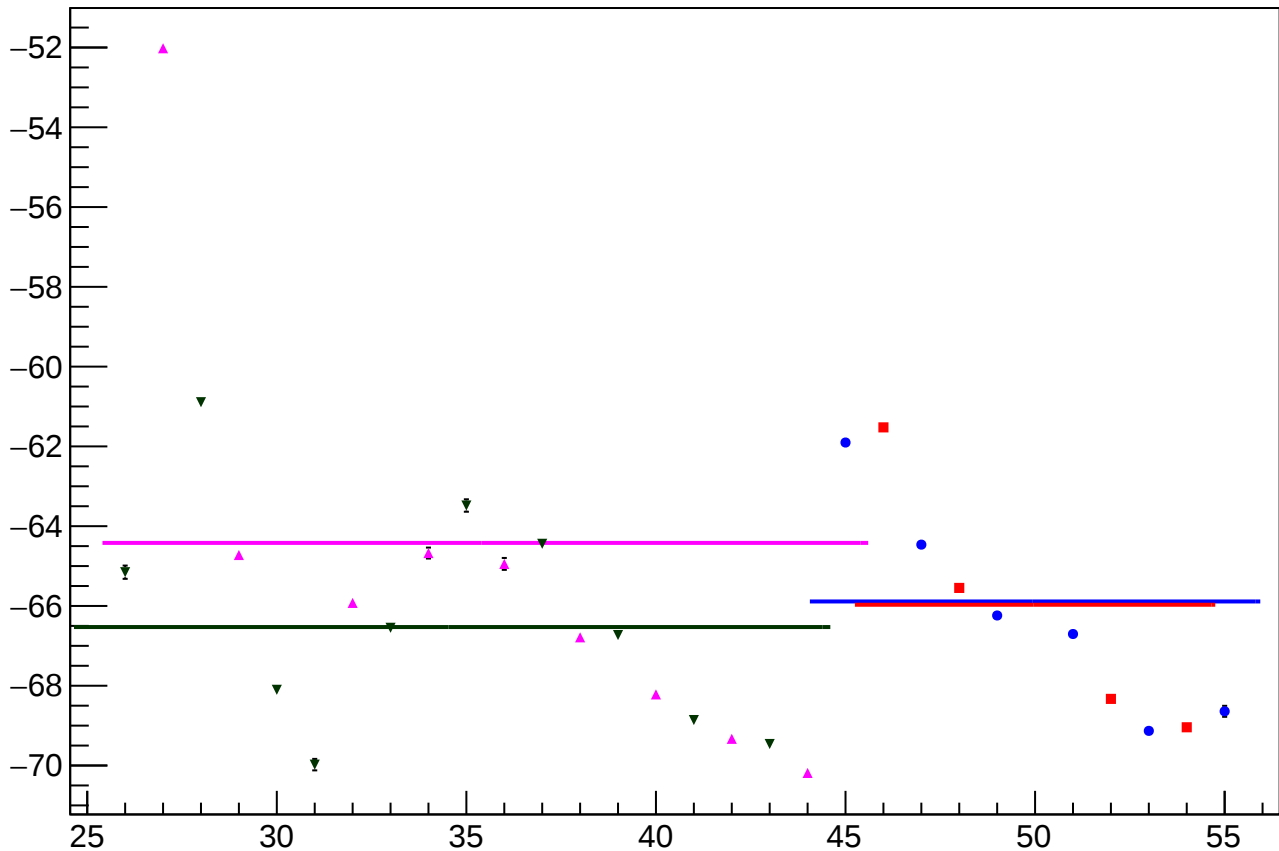
Right Out: 5.674 ± 0.245 χ^2/NDF : 155.9/3

Left In: 7.322 ± 0.150 χ^2/NDF : 577.1/8

5.119 ± 0.127 χ^2/NDF : 937.2/15

6.871 ± 0.128 χ^2/NDF : 766.0/12

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -65.887 $\pm$ 0.042 χ^2 /NDF: 2903.4/5

Left Out: -66.529 $\pm$ 0.039 χ^2 /NDF:4841.9/9

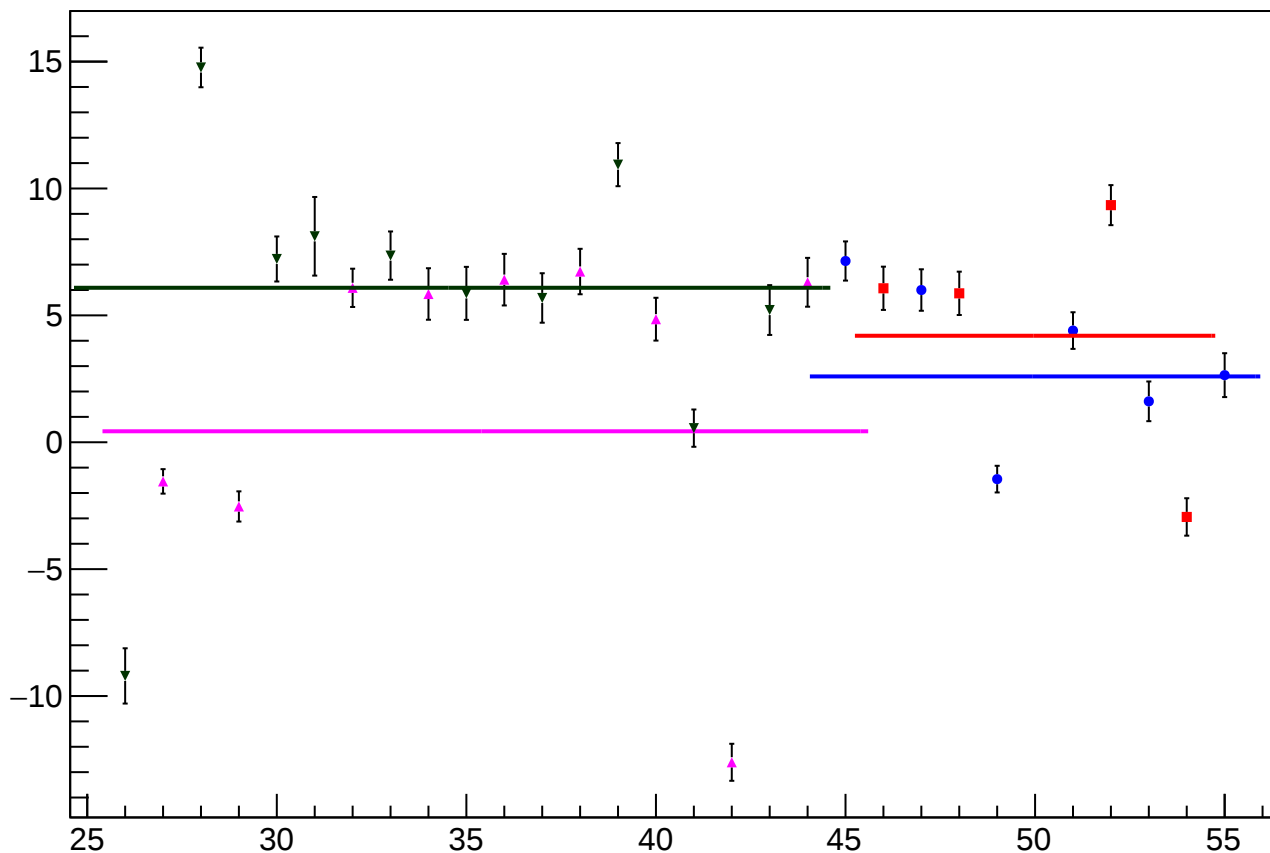
Right Out: -65.970 $\pm$ 0.056 χ^2 /NDF: 2909.0/3

Left In: -64.419 $\pm$ 0.036 χ^2 /NDF:25021.8/8

-66.232 $\pm$ 0.029 χ^2 /NDF: 7868.9/15

-64.878 $\pm$ 0.030 χ^2 /NDF: 28477.9/12

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 2.594 $\pm$ 0.292 χ^2 /NDF: 119.2/5

Left Out: 6.087 $\pm$ 0.295 χ^2 /NDF: 416.6/9

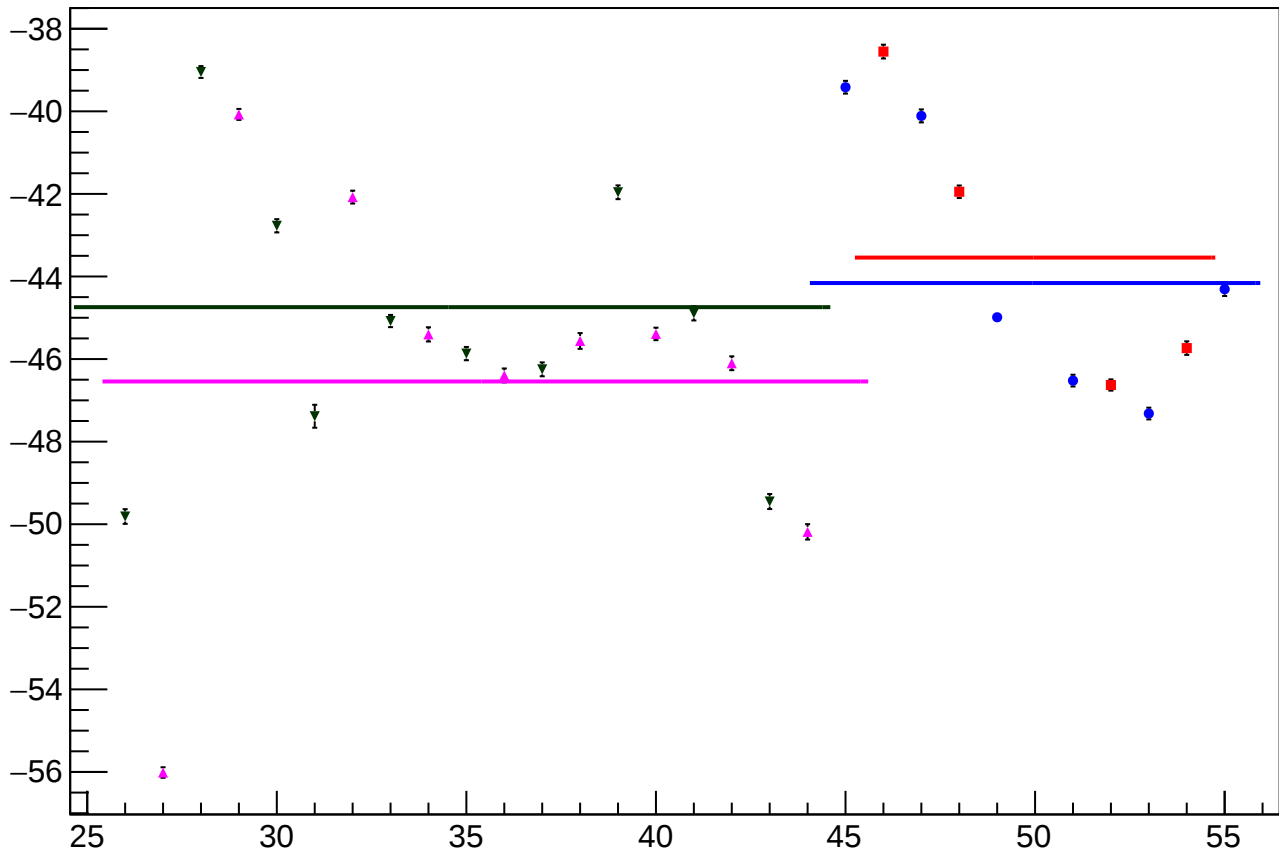
Right Out: 4.197 $\pm$ 0.402 χ^2 /NDF: 145.0/3

Left In: 0.432 $\pm$ 0.247 χ^2 /NDF: 594.6/8

4.328 $\pm$ 0.208 χ^2 /NDF: 606.7/15

1.463 $\pm$ 0.210 χ^2 /NDF: 803.4/12

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -44.159 $\pm$ 0.056 χ^2 /NDF: 2436.2/5

Left Out: -44.743 $\pm$ 0.053 χ^2 /NDF: 3703.9/9

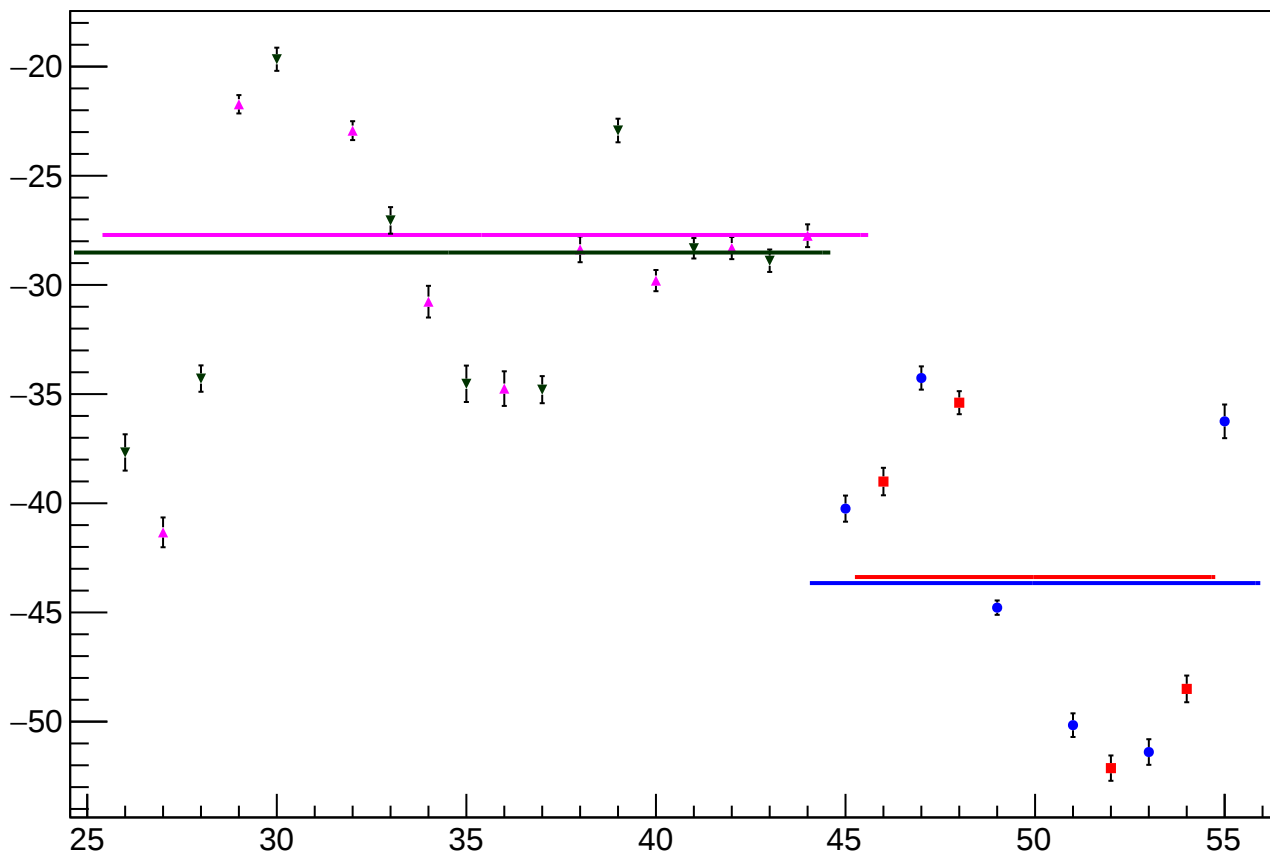
Right Out: -43.542 $\pm$ 0.077 χ^2 /NDF: 1686.4/3

Left In: -46.543 $\pm$ 0.052 χ^2 /NDF: 9214.0/8

-44.465 $\pm$ 0.039 χ^2 /NDF: 6196.9/15

-45.588 $\pm$ 0.043 χ^2 /NDF: 11941.5/12

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -43.655 ± 0.206 χ^2/NDF : 765.3/5

Left Out: -28.516 ± 0.195 χ^2/NDF : 758.8/8

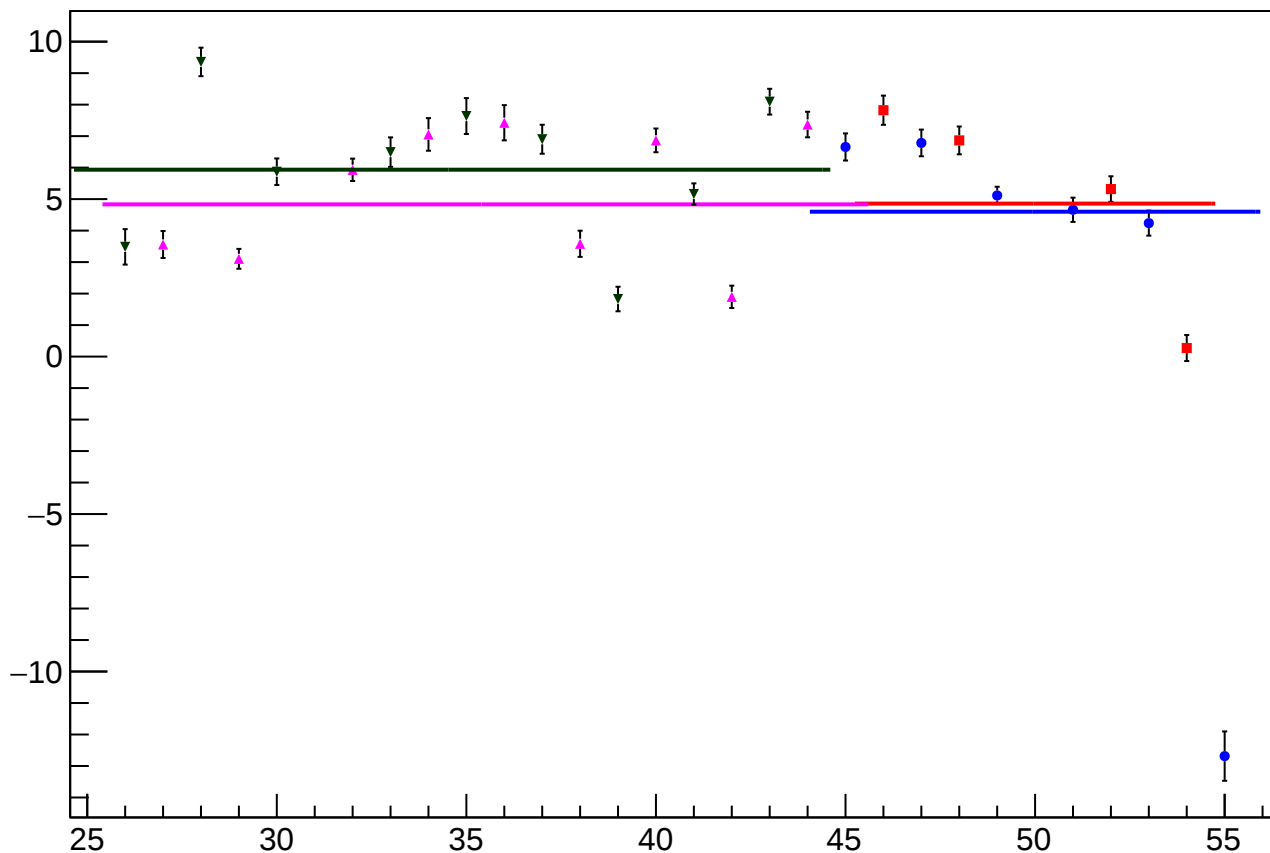
Right Out: -43.378 ± 0.292 χ^2/NDF : 575.3/3

Left In: -27.712 ± 0.179 χ^2/NDF : 841.0/8

-35.675 ± 0.142 χ^2/NDF : 4368.9/14

-31.989 ± 0.152 χ^2/NDF : 3515.9/12

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 4.600 $\pm$ 0.161 χ^2 /NDF: 540.2/5

Left Out: 5.934 $\pm$ 0.145 χ^2 /NDF: 234.9/8

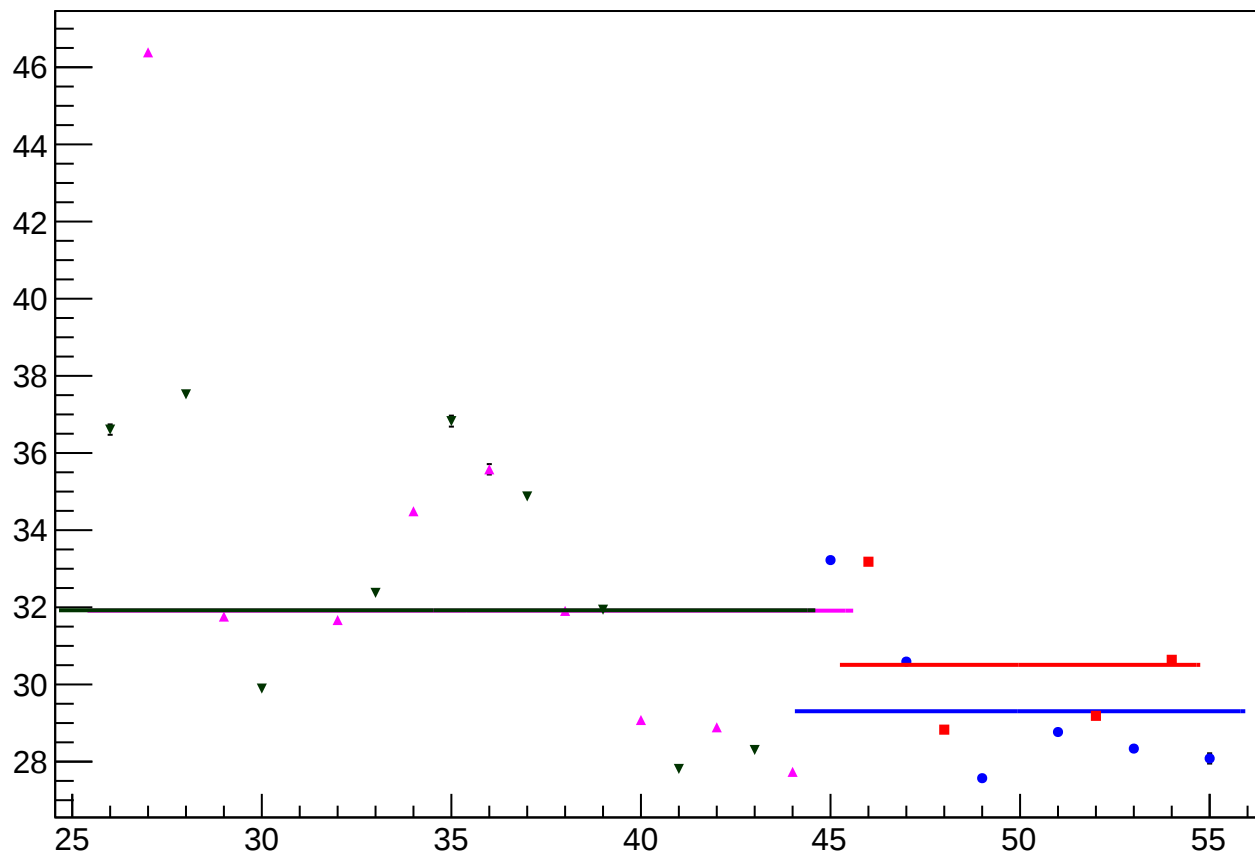
Right Out: 4.858 $\pm$ 0.215 χ^2 /NDF: 186.3/3

Left In: 4.834 $\pm$ 0.132 χ^2 /NDF: 234.0/8

5.333 $\pm$ 0.108 χ^2 /NDF: 813.1/14

4.840 $\pm$ 0.113 χ^2 /NDF: 420.3/12

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.306+/-0.038 χ^2/NDF : 2763.7/5

Left Out: 31.923+/-0.033 χ^2/NDF : 10913.1/8

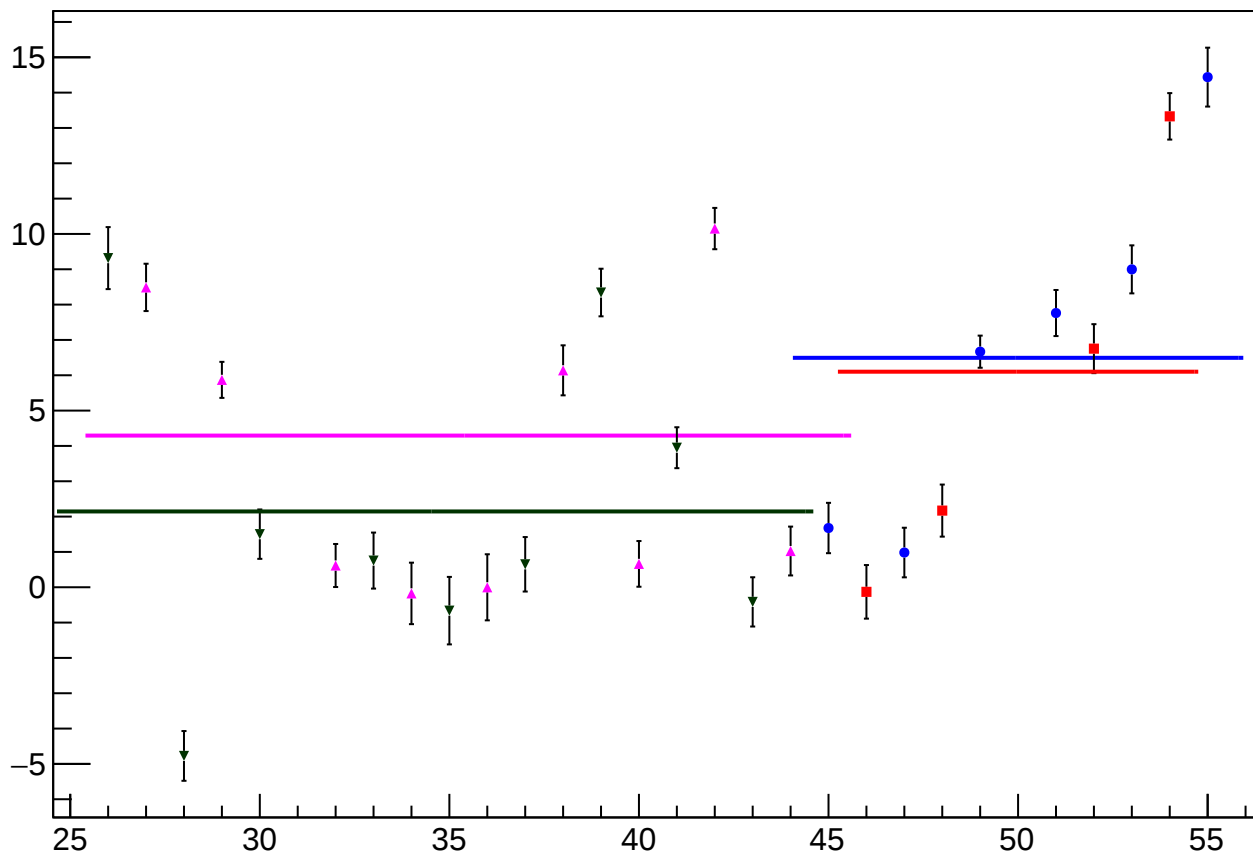
Right Out: 30.508+/-0.049 χ^2/NDF : 1288.0/3

Left In: 31.913+/-0.031 χ^2/NDF : 20132.9/8

30.800+/-0.025 χ^2/NDF : 16452.7/14

31.514+/-0.026 χ^2/NDF : 22020.7/12

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 6.494 ± 0.260 χ^2/NDF : 215.7/5

Left Out: 2.145 ± 0.243 χ^2/NDF : 287.5/8

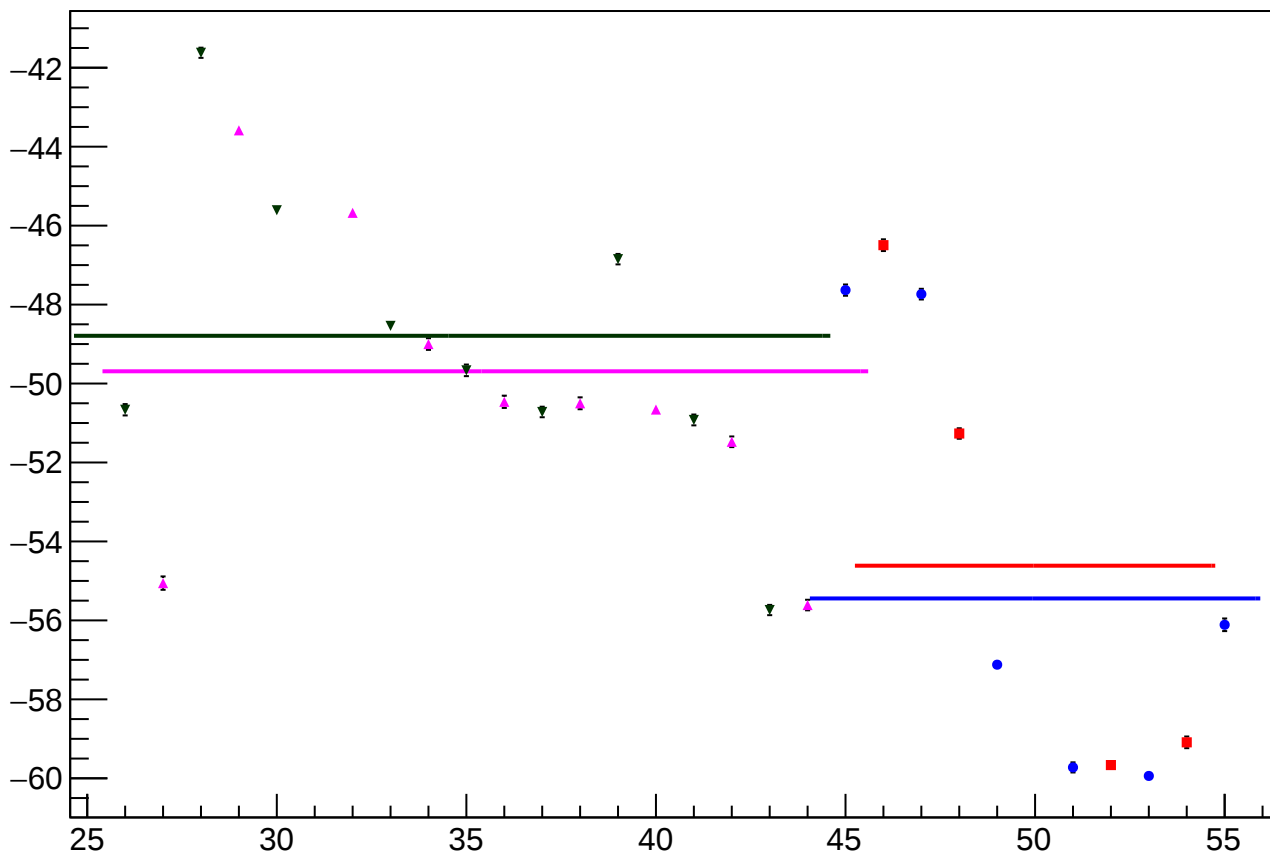
Right Out: 6.101 ± 0.354 χ^2/NDF : 217.6/3

Left In: 4.293 ± 0.220 χ^2/NDF : 293.8/8

4.170 ± 0.177 χ^2/NDF : 652.6/14

4.797 ± 0.187 χ^2/NDF : 530.2/12

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -55.444 ± 0.050 χ^2/NDF : 9068.7/5

Left Out: -48.791 ± 0.044 χ^2/NDF : 7464.7/8

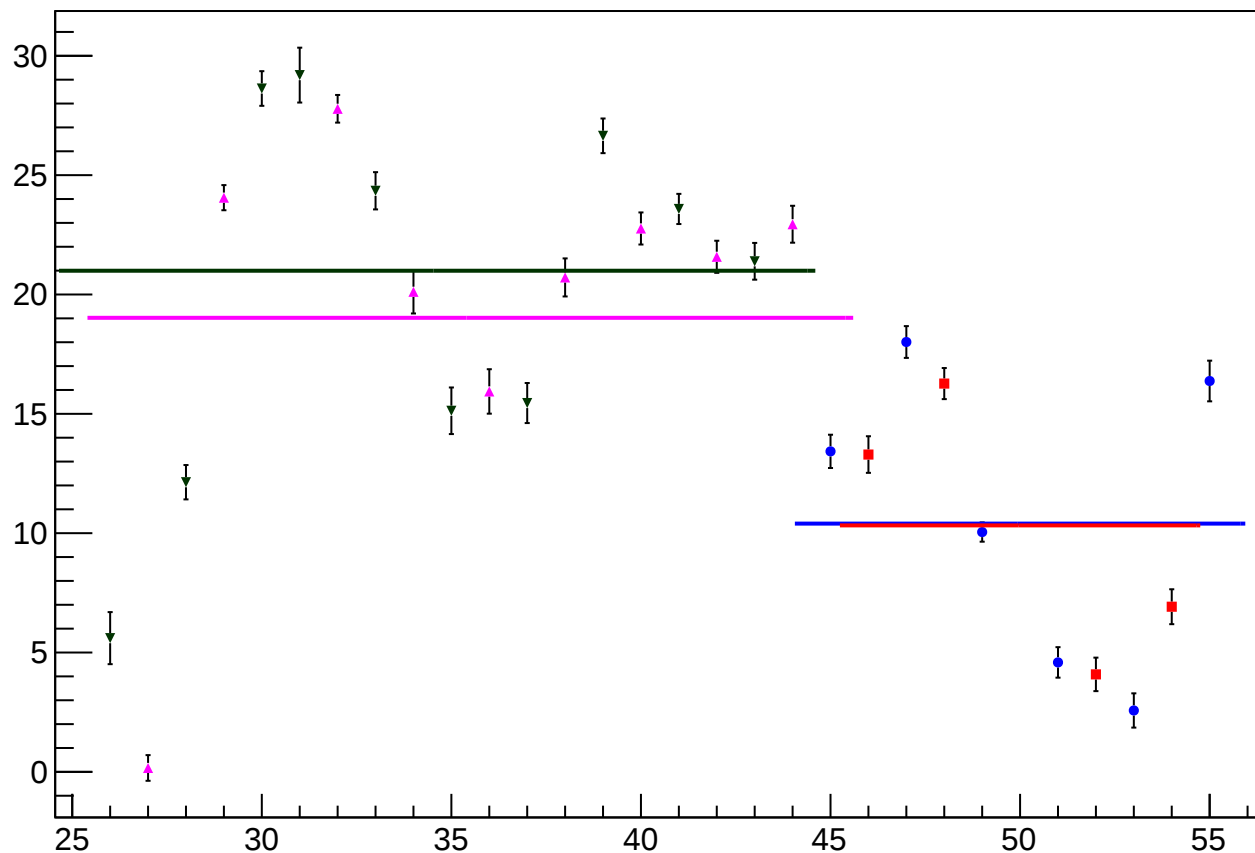
Right Out: -54.614 ± 0.068 χ^2/NDF : 6311.6/3

Left In: -49.690 ± 0.045 χ^2/NDF : 7145.5/8

-51.724 ± 0.033 χ^2/NDF : 26473.1/14

-51.200 ± 0.038 χ^2/NDF : 17112.2/12

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 10.401 ± 0.248 χ^2/NDF : 401.2/5

Left Out: 20.996 ± 0.253 χ^2/NDF : 688.0/9

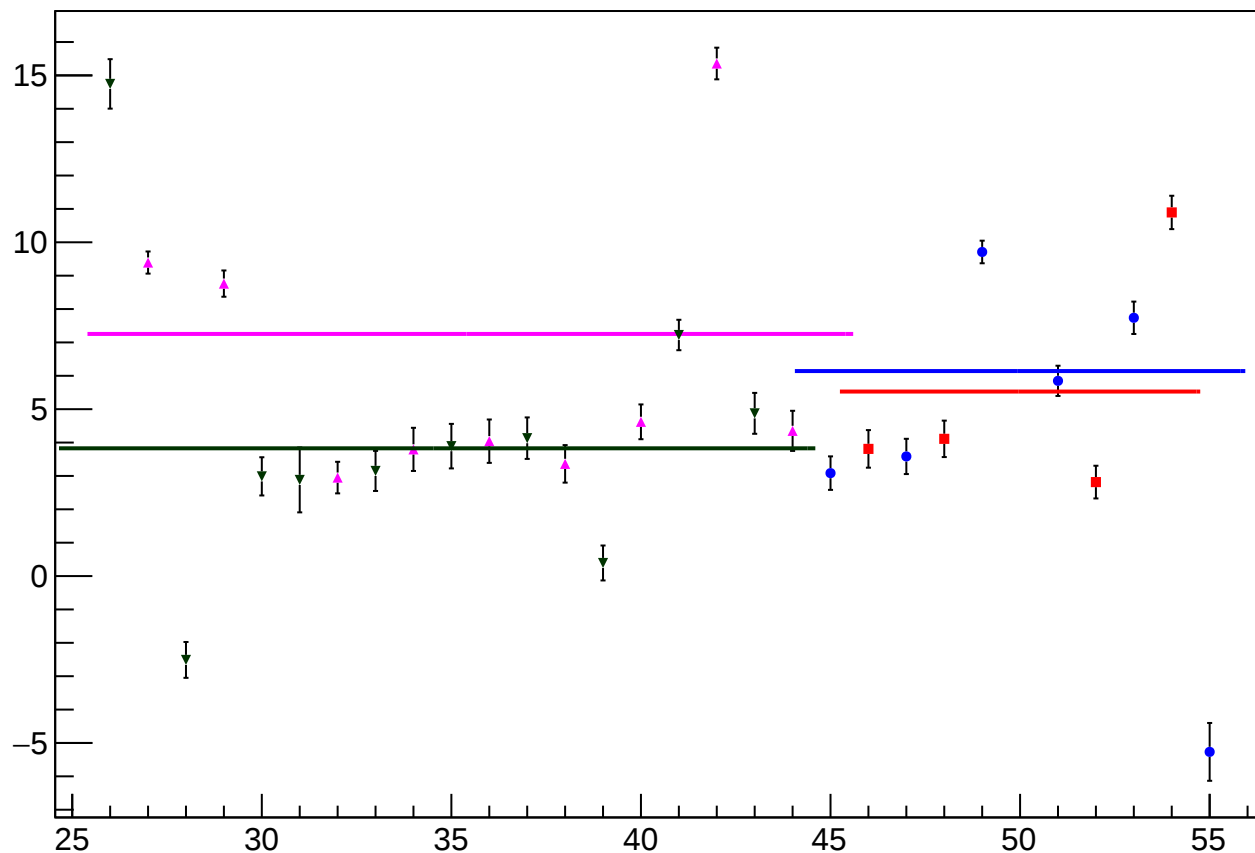
Right Out: 10.326 ± 0.354 χ^2/NDF : 199.1/3

Left In: 19.023 ± 0.223 χ^2/NDF : 1636.4/8

15.598 ± 0.177 χ^2/NDF : 1982.8/15

16.554 ± 0.189 χ^2/NDF : 2266.5/12

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 6.142 $\pm$ 0.193 χ^2 /NDF: 356.4/5

Left Out: 3.828 $\pm$ 0.189 χ^2 /NDF: 462.3/9

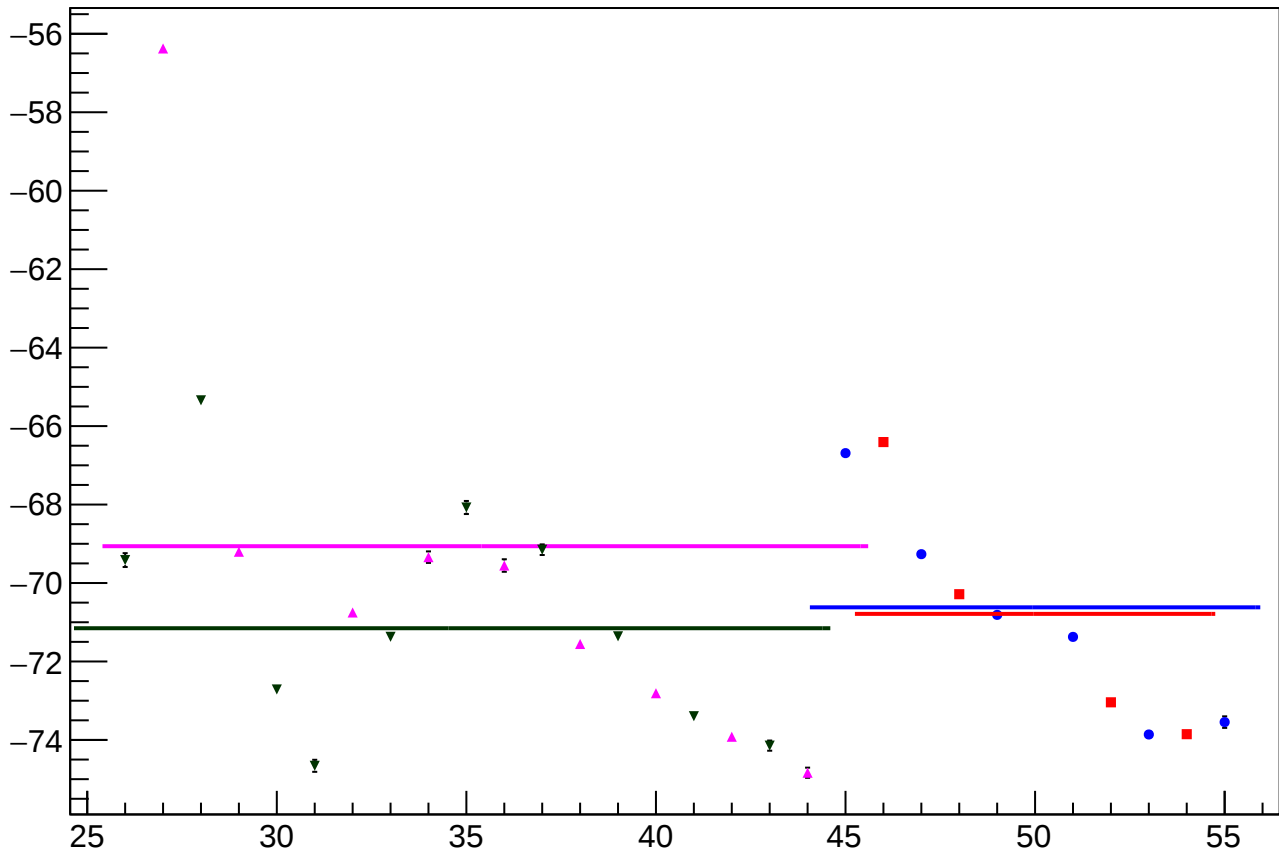
Right Out: 5.528 $\pm$ 0.261 χ^2 /NDF: 161.9/3

Left In: 7.254 $\pm$ 0.160 χ^2 /NDF: 580.6/8

4.956 $\pm$ 0.135 χ^2 /NDF: 892.2/15

6.781 $\pm$ 0.137 χ^2 /NDF: 774.2/12

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -70.620 ± 0.045 χ^2/NDF : 2510.0/5

Left Out: -71.152 ± 0.042 χ^2/NDF : 4395.4/9

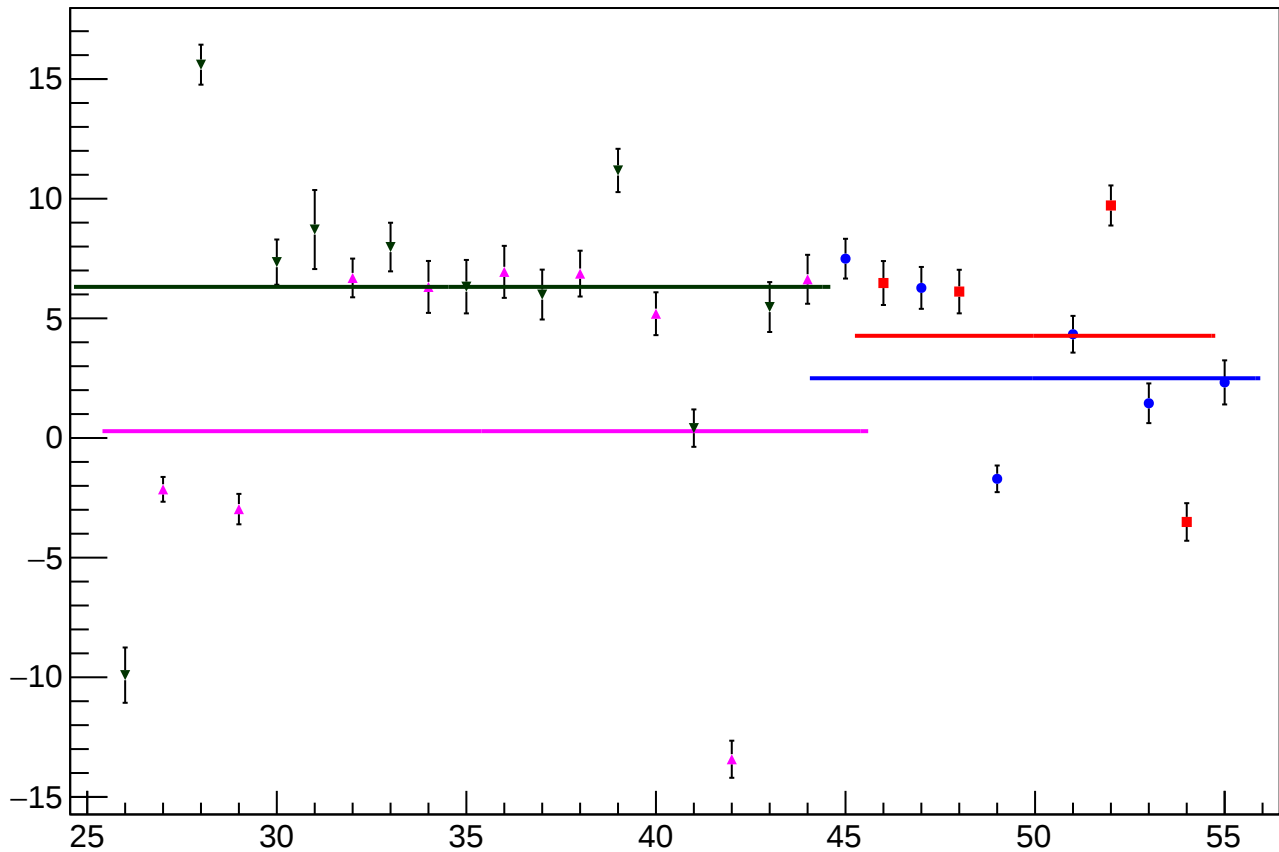
Right Out: -70.787 ± 0.059 χ^2/NDF : 2458.5/3

Left In: -69.062 ± 0.039 χ^2/NDF : 22617.7/8

-70.906 ± 0.031 χ^2/NDF : 6980.6/15

-69.573 ± 0.032 χ^2/NDF : 25670.0/12

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 2.497 ± 0.311 χ^2/NDF : 119.2/5

Left Out: 6.315 ± 0.314 χ^2/NDF : 413.3/9

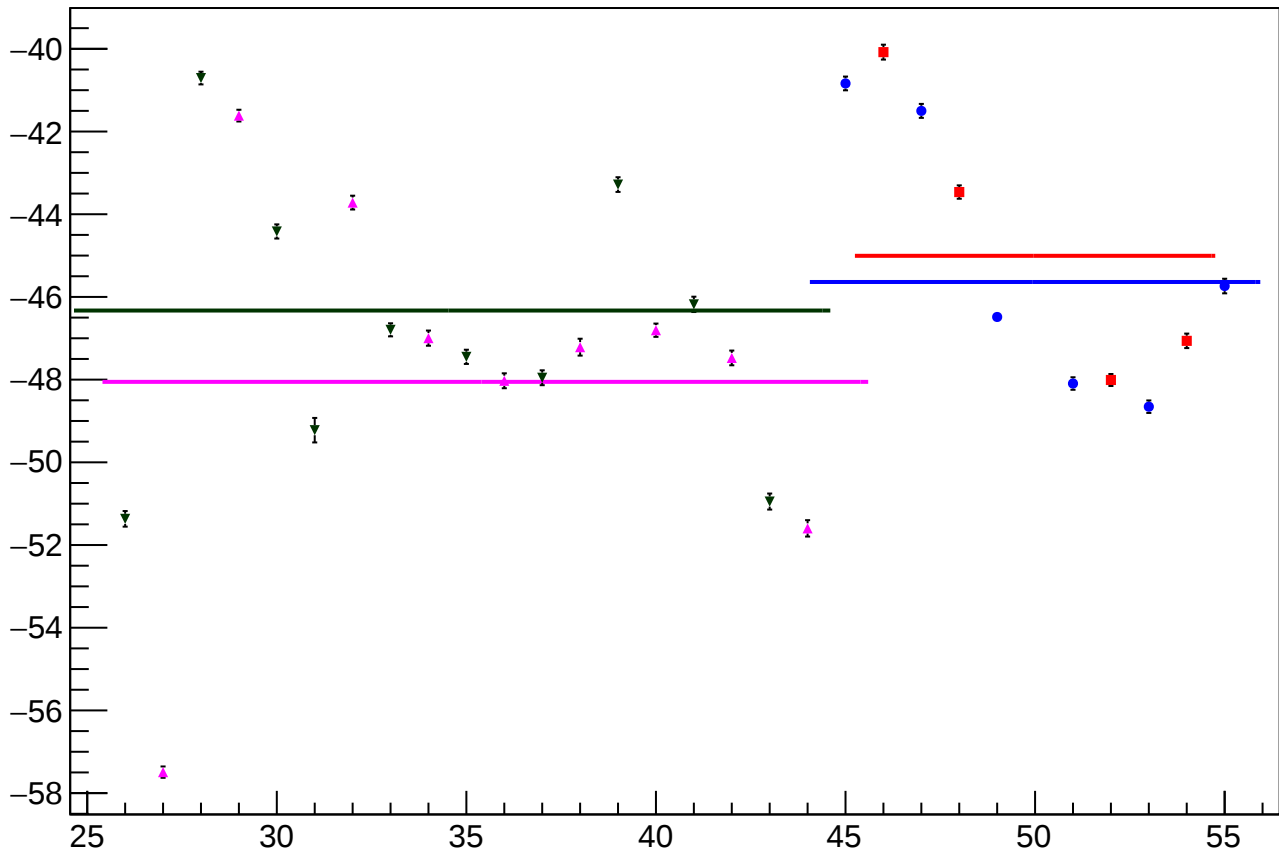
4.390 ± 0.221 χ^2/NDF : 607.0/15

Right Out: 4.271 ± 0.429 χ^2/NDF : 150.3/3

1.379 ± 0.225 χ^2/NDF : 821.0/12

Left In: 0.285 ± 0.264 χ^2/NDF : 608.0/8

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.638 ± 0.060 χ^2/NDF : 2158.5/5

Left Out: -46.329 ± 0.057 χ^2/NDF : 3263.4/9

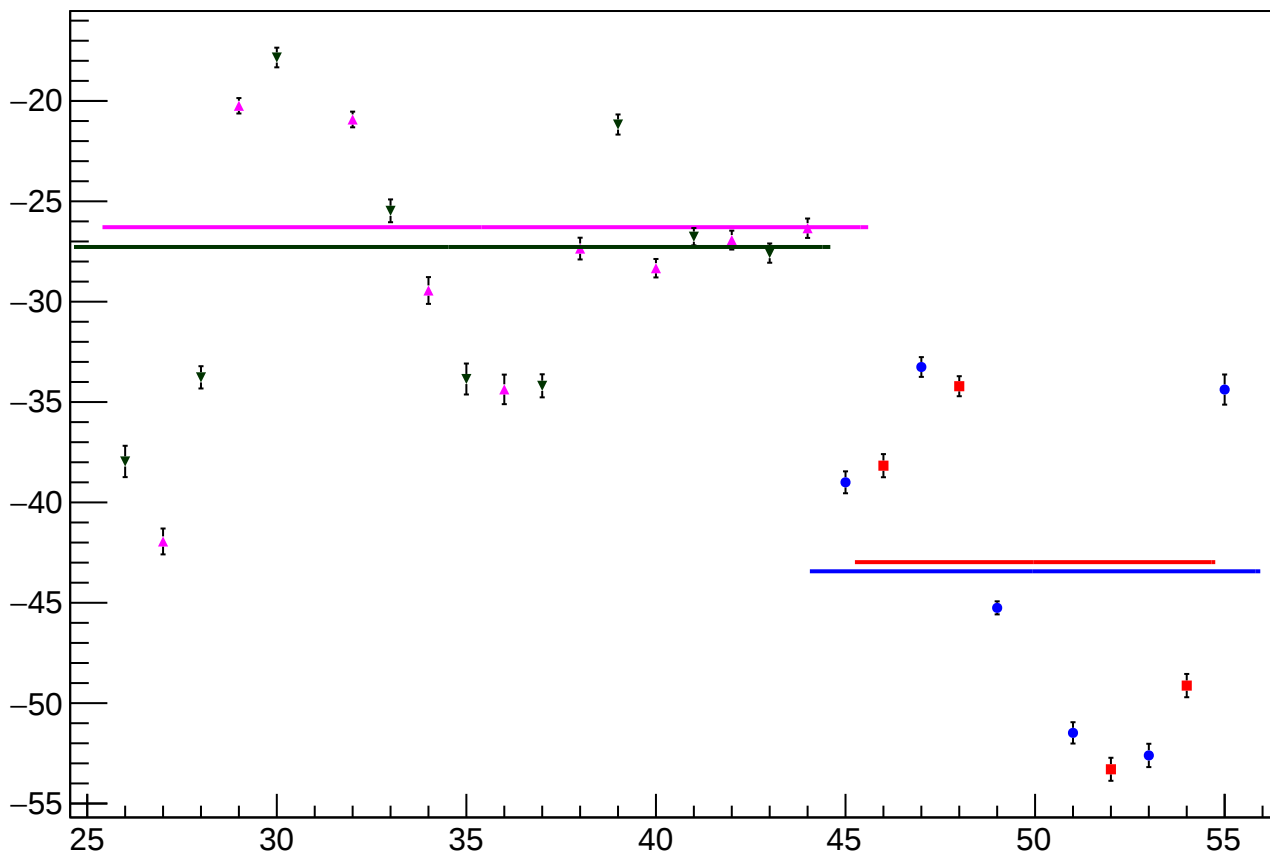
Right Out: -45.006 ± 0.082 χ^2/NDF : 1404.0/3

Left In: -48.054 ± 0.056 χ^2/NDF : 7913.0/8

-46.000 ± 0.041 χ^2/NDF : 5491.8/15

-47.082 ± 0.046 χ^2/NDF : 10260.9/12

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -43.431±/0.199 χ^2/NDF : 1149.8/5

Left Out: -27.275±/0.181 χ^2/NDF :1073.3/8

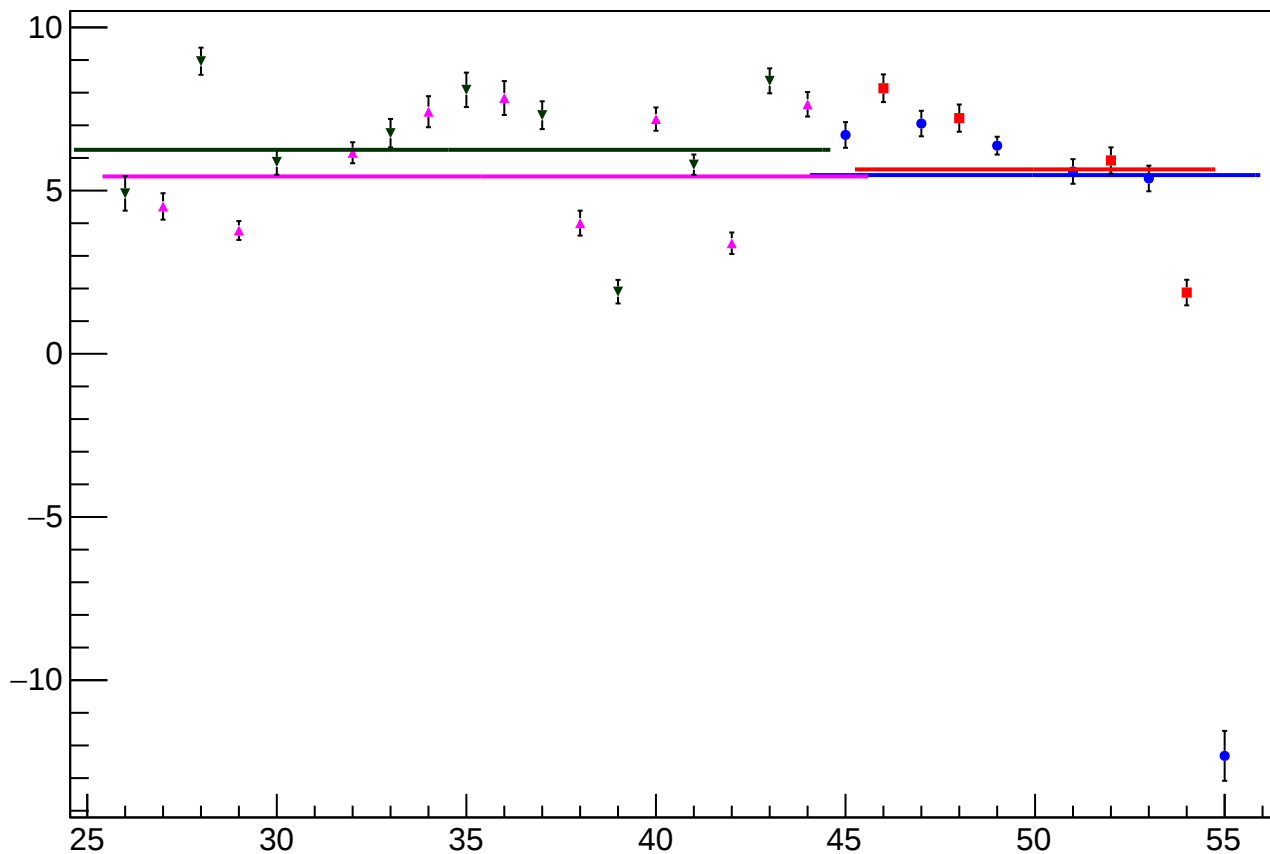
Right Out: -42.975±/0.277 χ^2/NDF : 814.4/3

Left In: -26.289±/0.165 χ^2/NDF :1194.5/8

-34.573±/0.134 χ^2/NDF : 5830.6/14

-30.659±/0.142 χ^2/NDF : 4689.2/12

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 5.475+/-0.155 χ^2/NDF : 579.4/5

Left Out: 6.249+/-0.135 χ^2/NDF : 247.2/8

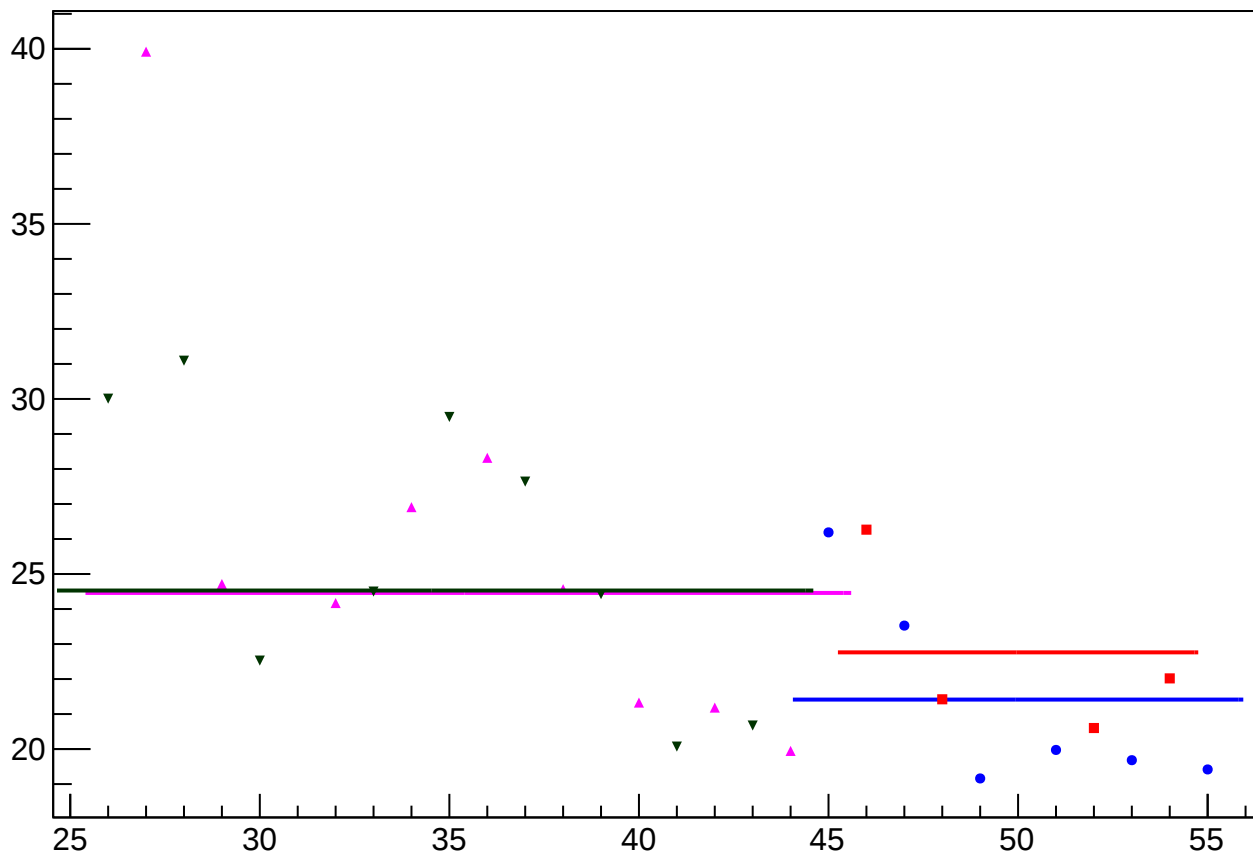
Right Out: 5.650+/-0.204 χ^2/NDF : 141.5/3

Left In: 5.433+/-0.122 χ^2/NDF : 193.5/8

5.916+/-0.102 χ^2/NDF : 840.8/14

5.491+/-0.105 χ^2/NDF : 335.9/12

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 21.413 $\pm$ 0.036 χ^2 /NDF: 5565.2/5

Left Out: 24.528 $\pm$ 0.030 χ^2 /NDF:15447.7/8

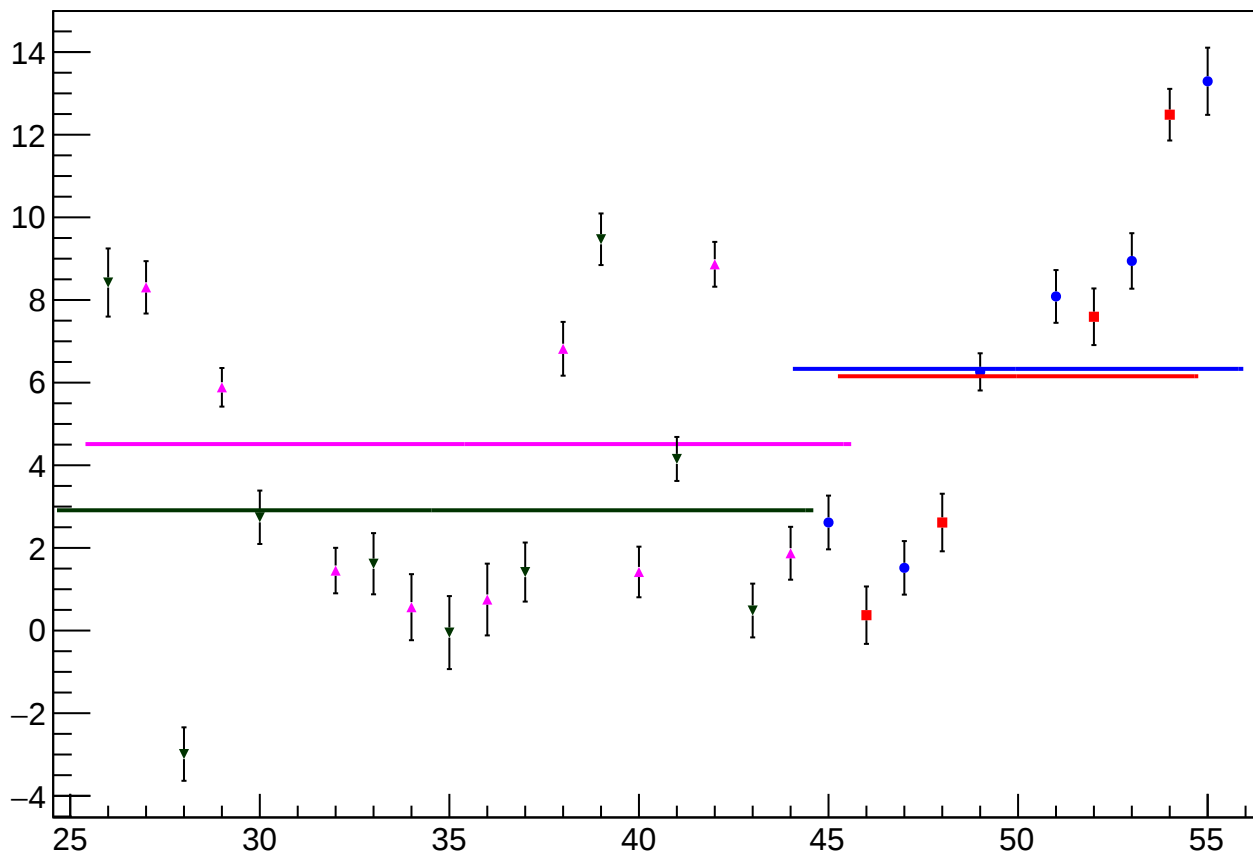
Right Out: 22.762 $\pm$ 0.046 χ^2 /NDF: 2409.3/3

Left In: 24.460 $\pm$ 0.028 χ^2 /NDF:26092.2/8

23.249 $\pm$ 0.023 χ^2 /NDF: 25404.9/14

23.994 $\pm$ 0.024 χ^2 /NDF: 29494.9/12

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 6.333+/-0.251 χ^2/NDF : 183.9/5

Left Out: 2.911+/-0.225 χ^2/NDF : 276.3/8

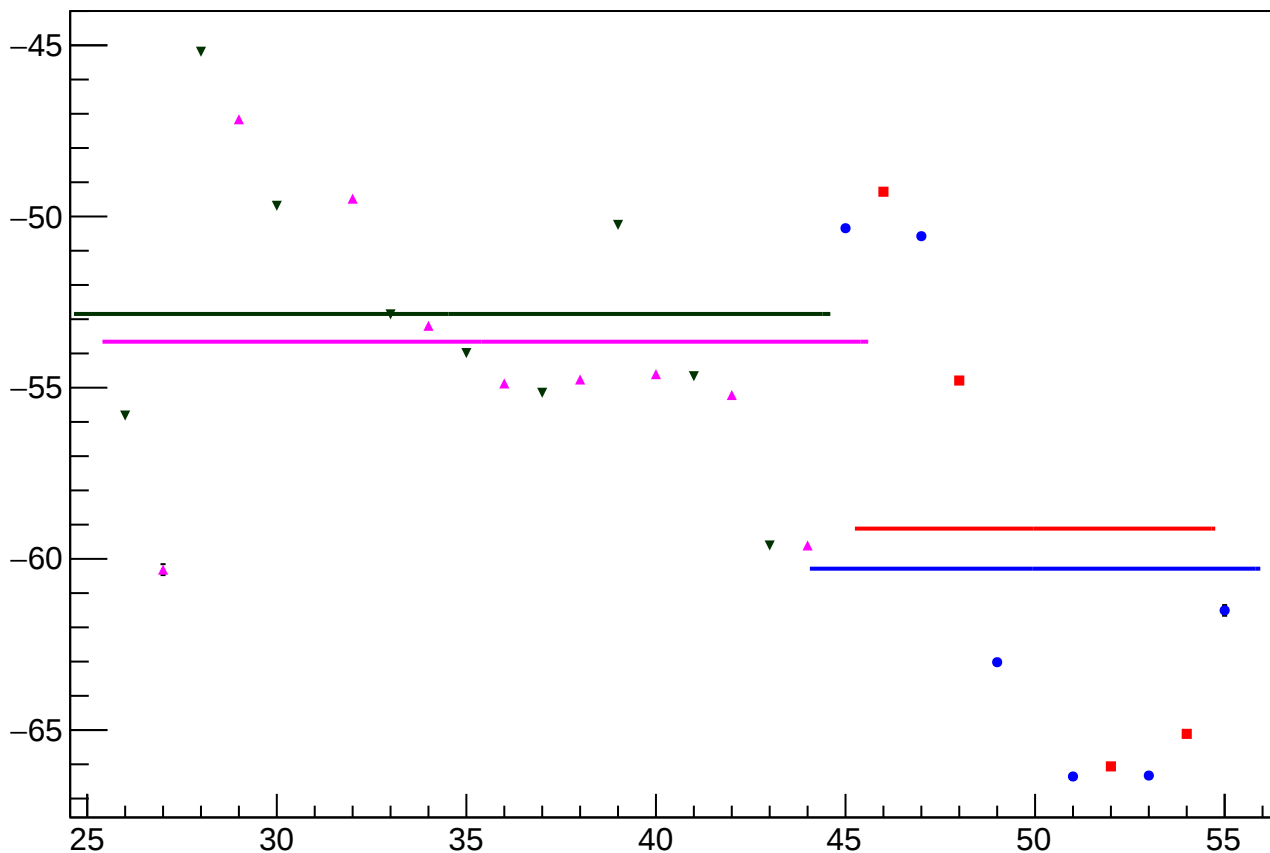
Right Out: 6.154+/-0.337 χ^2/NDF : 202.1/3

Left In: 4.513+/-0.204 χ^2/NDF : 238.0/8

4.435+/-0.168 χ^2/NDF : 563.3/14

4.952+/-0.174 χ^2/NDF : 457.5/12

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -60.286+/-0.048 χ^2/NDF : 17707.8/5

Left Out: -52.846+/-0.041 χ^2/NDF : 9528.4/8

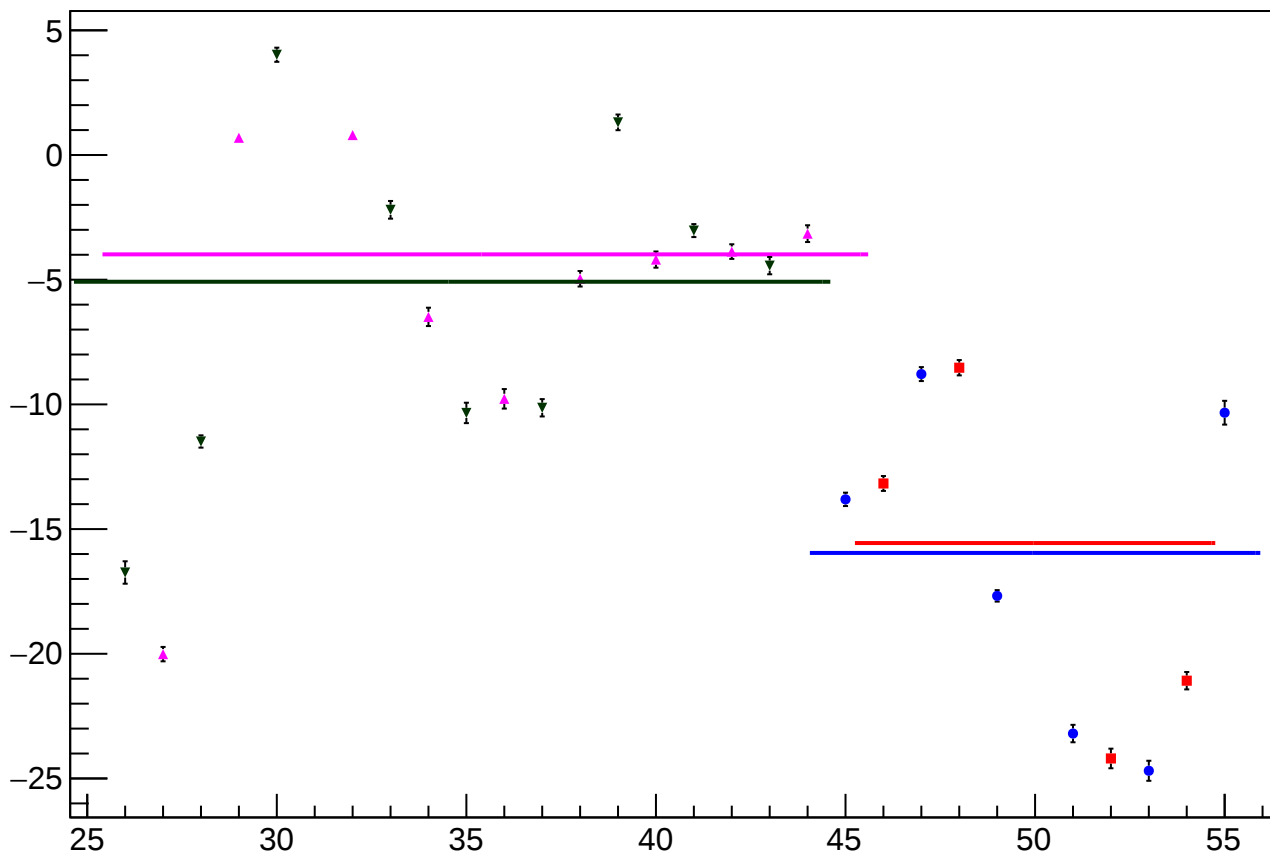
Right Out: -59.116+/-0.065 χ^2/NDF : 11632.7/3

Left In: -53.657+/-0.042 χ^2/NDF : 9586.0/8

-55.981+/-0.031 χ^2/NDF : 40988.3/14

-55.257+/-0.035 χ^2/NDF : 26226.4/12

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -15.956 $\pm$ 0.125 χ^2/NDF : 1816.4/5

Left Out: -5.082 $\pm$ 0.106 χ^2/NDF : 3296.2/8

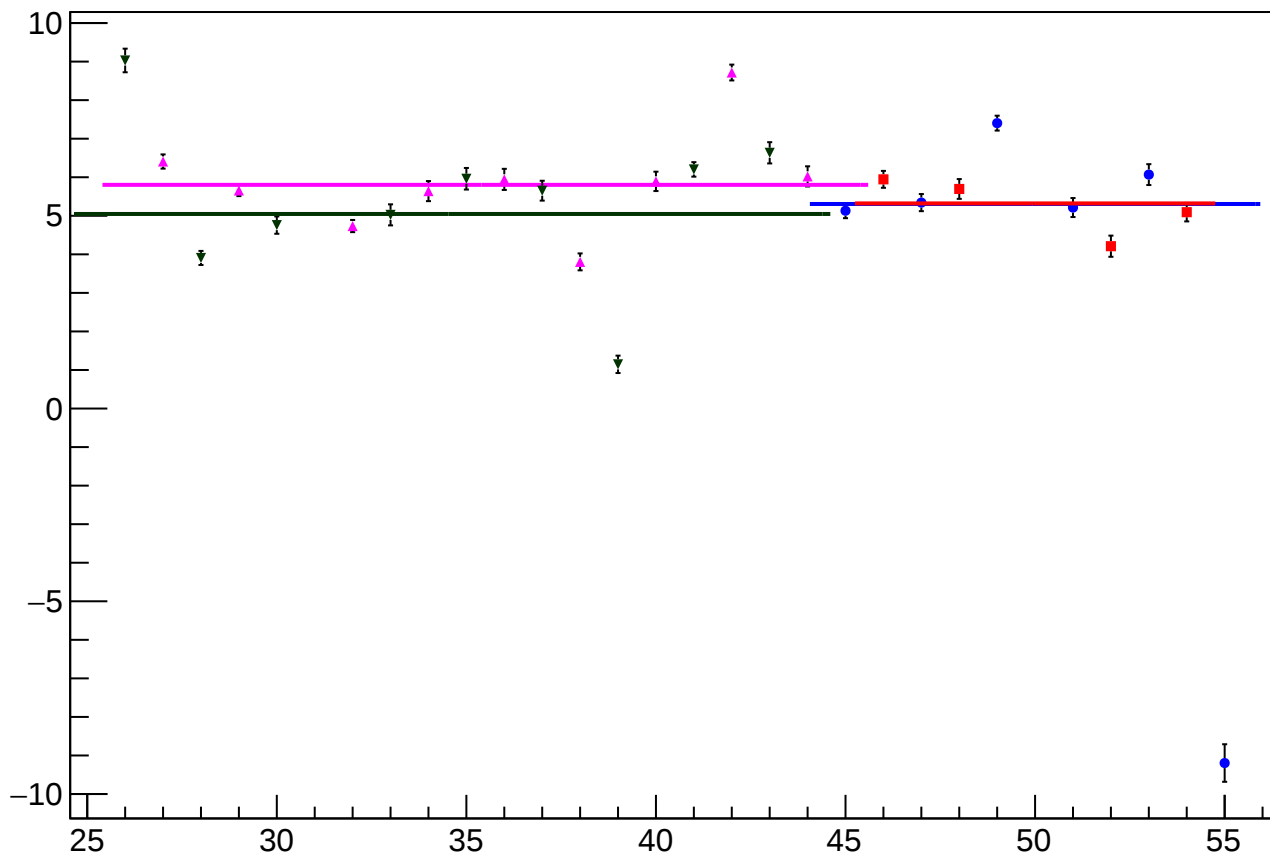
Right Out: -15.559 $\pm$ 0.166 χ^2/NDF : 1318.9/3

Left In: -3.984 $\pm$ 0.091 χ^2/NDF : 4557.3/8

-9.638 $\pm$ 0.081 χ^2/NDF : 9529.9/14

-6.690 $\pm$ 0.080 χ^2/NDF : 9619.3/12

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.306+/-0.096 χ^2/NDF : 1013.1/5

Left Out: 5.047+/-0.078 χ^2/NDF : 595.4/8

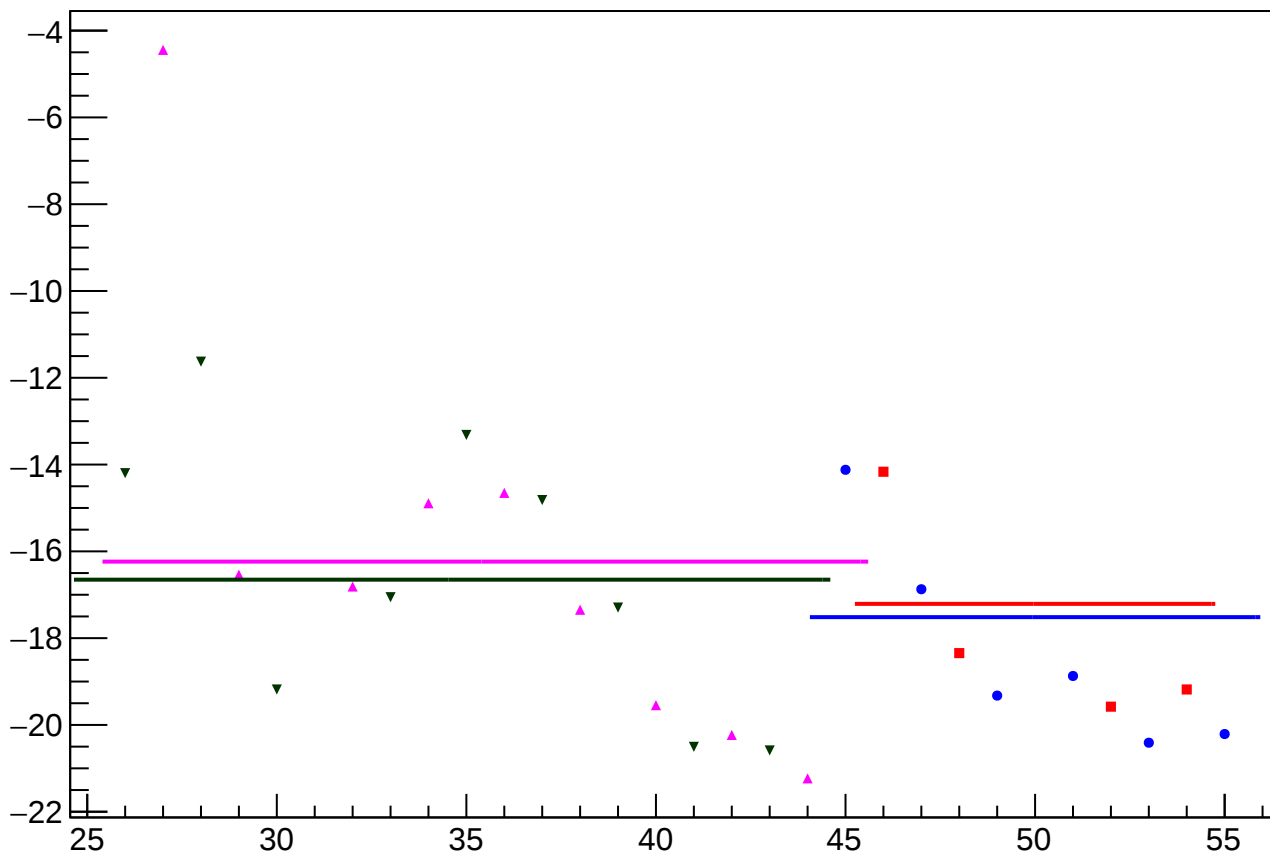
Right Out: 5.321+/-0.123 χ^2/NDF : 27.5/3

Left In: 5.803+/-0.067 χ^2/NDF : 343.0/8

5.151+/-0.061 χ^2/NDF : 1612.9/14

5.691+/-0.059 χ^2/NDF : 382.3/12

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -17.516 ± 0.022 χ^2/NDF : 11161.2/5

Left Out: -16.652 ± 0.018 χ^2/NDF : 33114.0/8

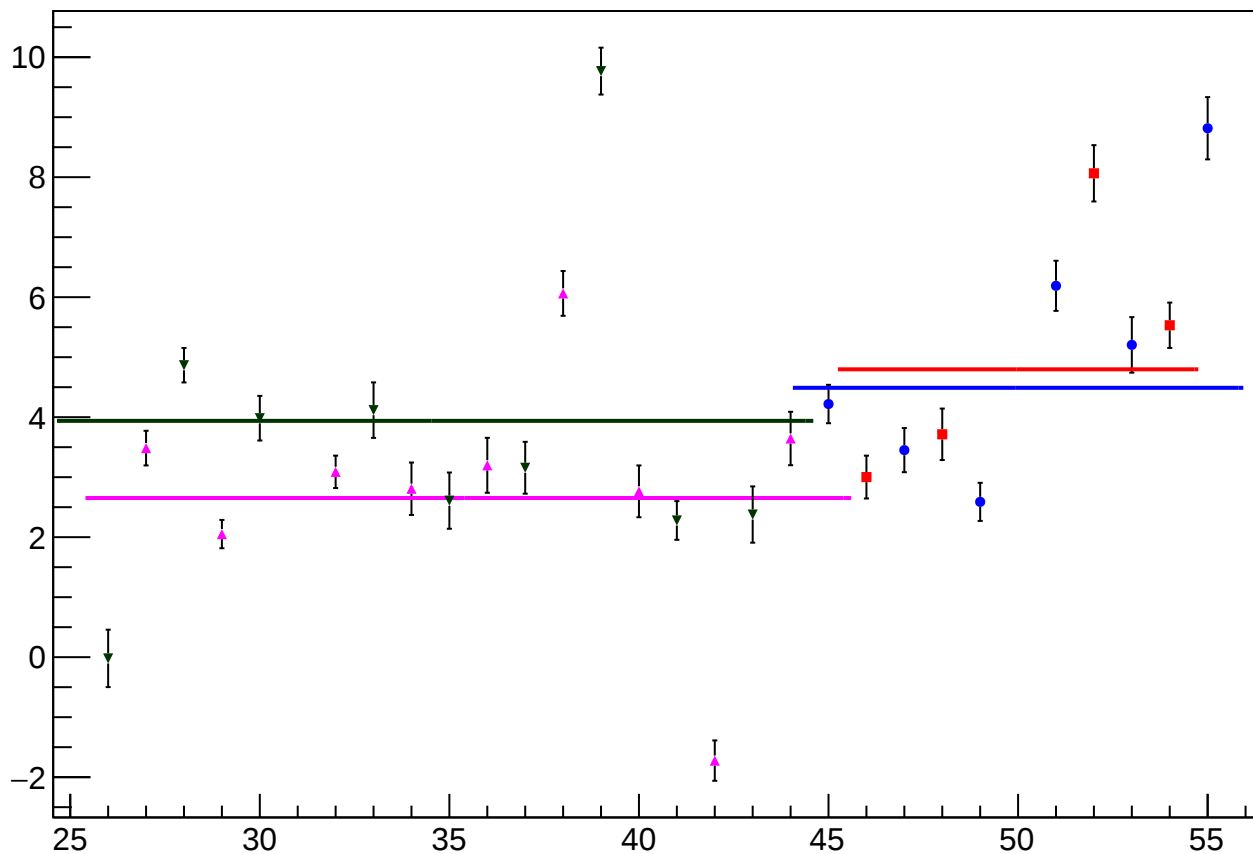
Right Out: -17.210 ± 0.027 χ^2/NDF : 7478.5/3

Left In: -16.236 ± 0.016 χ^2/NDF : 73668.6/8

-16.990 ± 0.014 χ^2/NDF : 45206.2/14

-16.477 ± 0.013 χ^2/NDF : 82116.1/12

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.490 ± 0.156 $\chi^2/\text{NDF}: 133.0/5$

Left Out: 3.939 ± 0.130 $\chi^2/\text{NDF}: 350.7/8$

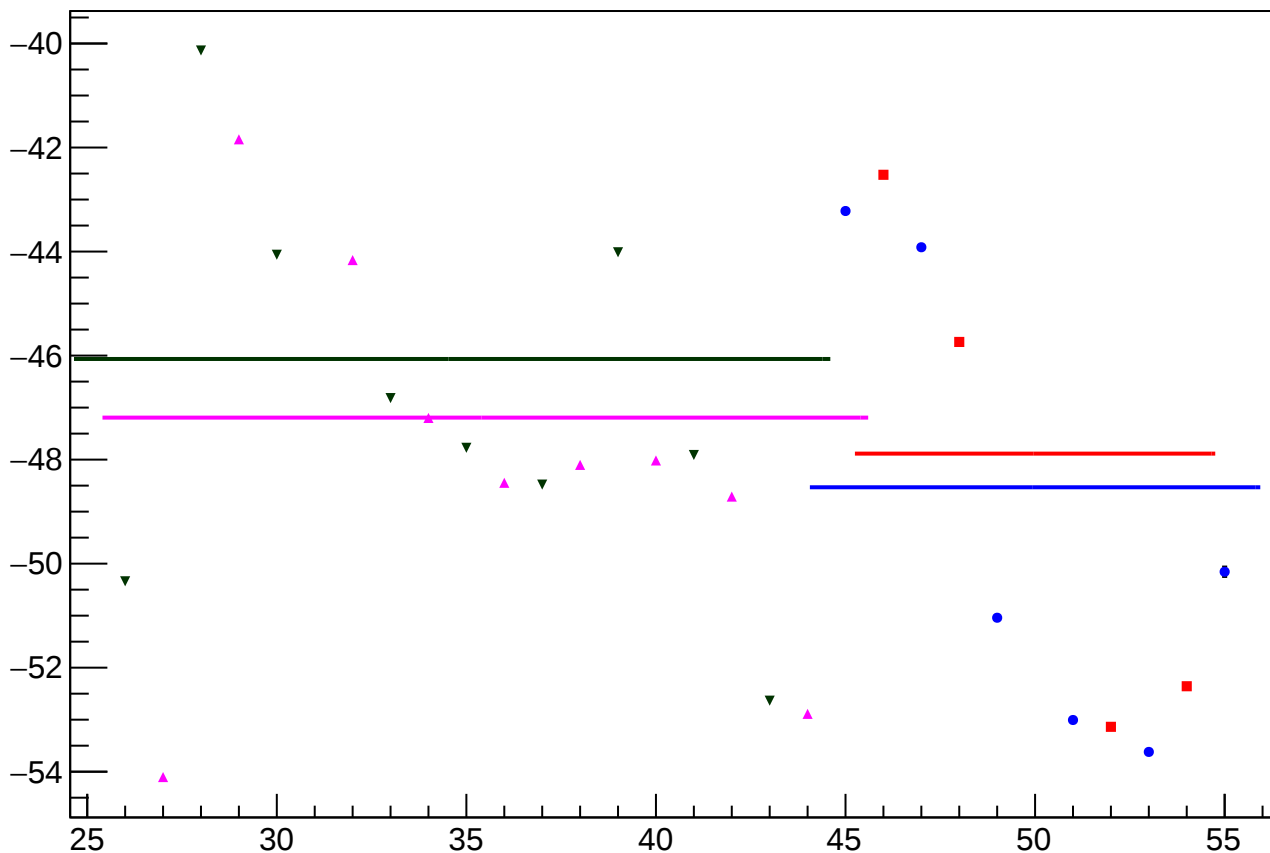
Right Out: 4.798 ± 0.201 $\chi^2/\text{NDF}: 83.9/3$

Left In: 2.653 ± 0.112 $\chi^2/\text{NDF}: 276.7/8$

4.165 ± 0.100 $\chi^2/\text{NDF}: 491.0/14$

3.161 ± 0.098 $\chi^2/\text{NDF}: 447.7/12$

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -48.532 $\pm$ 0.030 χ^2 /NDF: 19549.7/5

Left Out: -46.065 $\pm$ 0.024 χ^2 /NDF: 24343.4/8

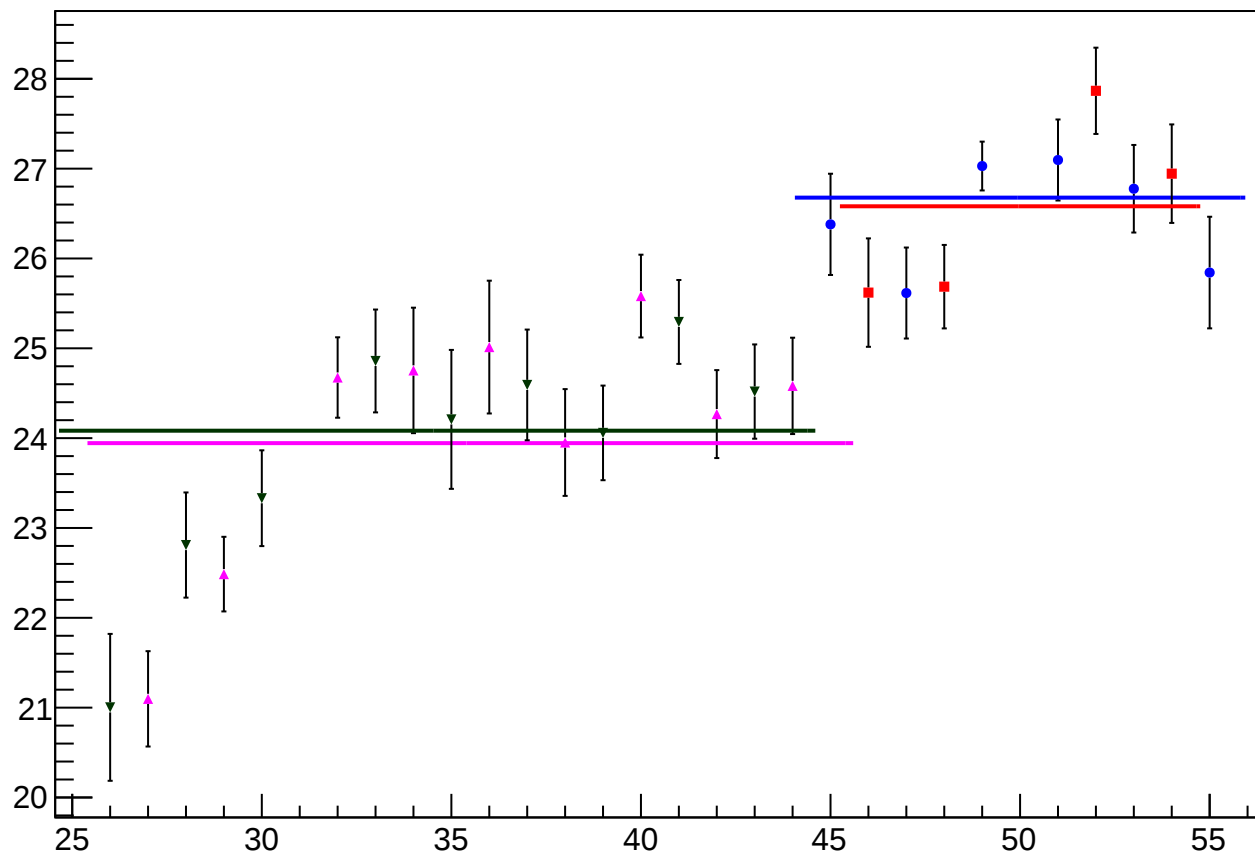
Right Out: -47.885 $\pm$ 0.039 χ^2 /NDF: 13494.3/3

Left In: -47.193 $\pm$ 0.023 χ^2 /NDF: 27379.6/8

-47.022 $\pm$ 0.019 χ^2 /NDF: 47981.1/14

-47.374 $\pm$ 0.020 χ^2 /NDF: 41103.5/12

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.677 ± 0.176 χ^2/NDF : 9.1/5

Left Out: 24.083 ± 0.192 χ^2/NDF : 30.9/8

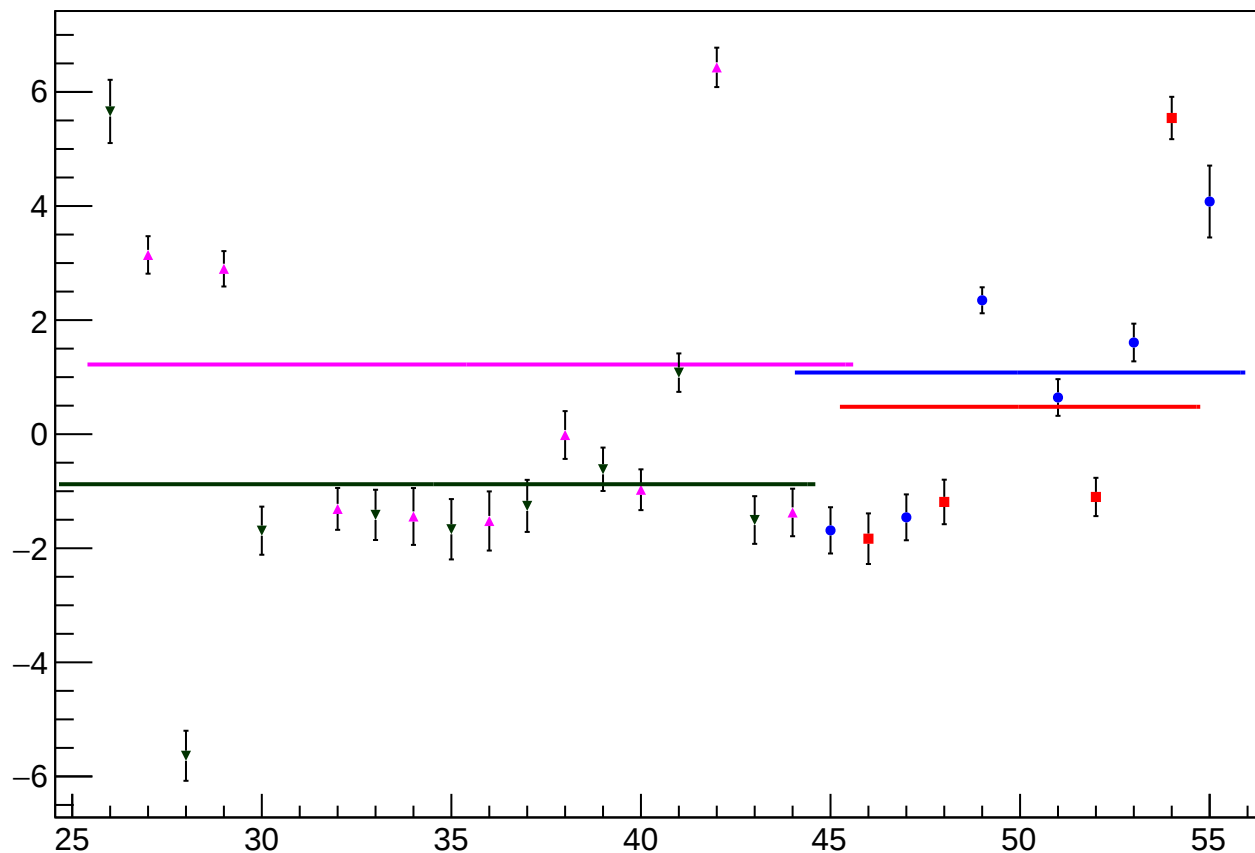
Right Out: 26.581 ± 0.258 χ^2/NDF : 13.8/3

Left In: 23.944 ± 0.173 χ^2/NDF : 61.7/8

25.494 ± 0.130 χ^2/NDF : 139.2/14

24.763 ± 0.144 χ^2/NDF : 147.6/12

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 1.081 ± 0.138 $\chi^2/\text{NDF}: 144.3/5$

Left Out: -0.877 ± 0.143 $\chi^2/\text{NDF}: 301.4/8$

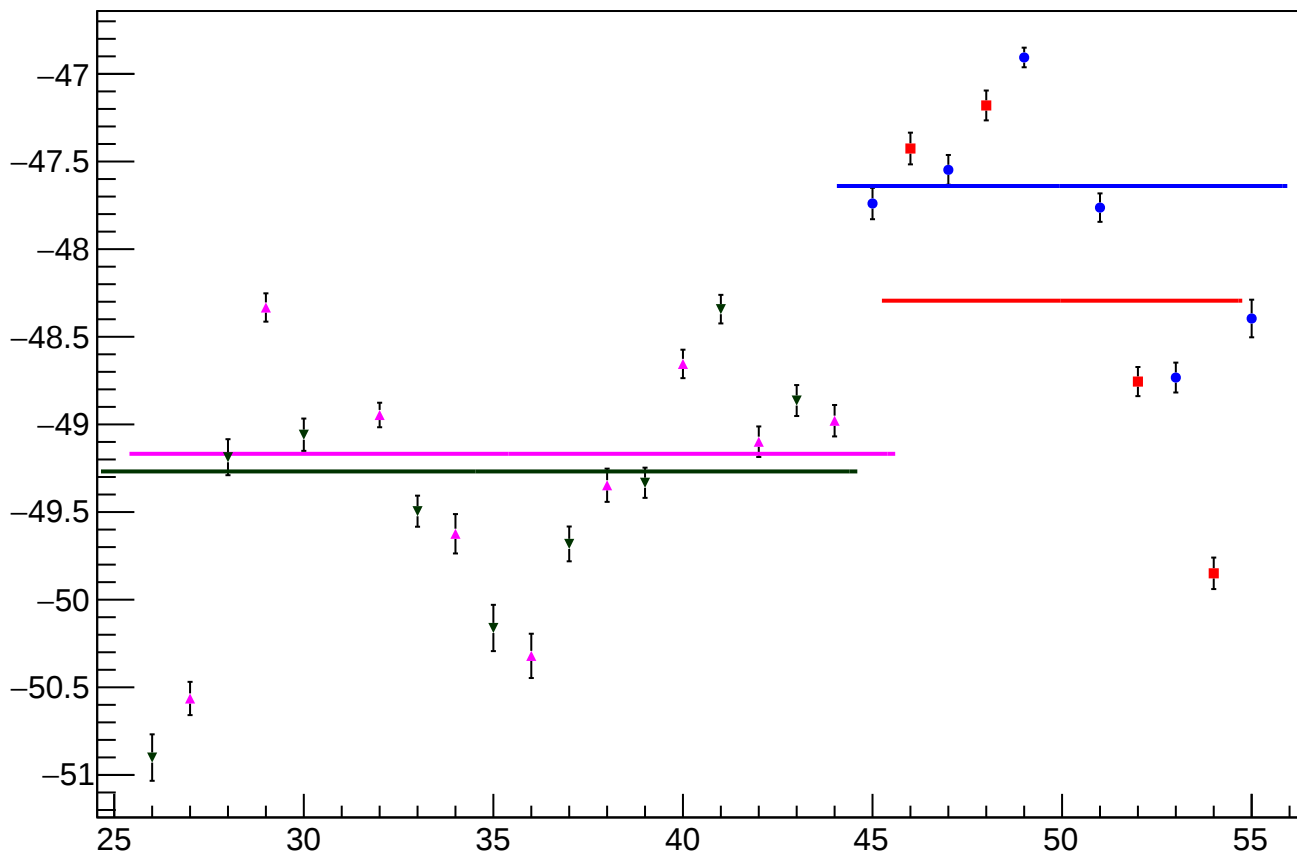
Right Out: 0.480 ± 0.190 $\chi^2/\text{NDF}: 253.6/3$

Left In: 1.222 ± 0.126 $\chi^2/\text{NDF}: 480.3/8$

0.139 ± 0.099 $\chi^2/\text{NDF}: 543.3/14$

0.994 ± 0.105 $\chi^2/\text{NDF}: 744.5/12$

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.640 $\pm$ 0.032 χ^2/NDF : 390.6/5

Left Out: -49.268 $\pm$ 0.032 χ^2/NDF : 377.7/8

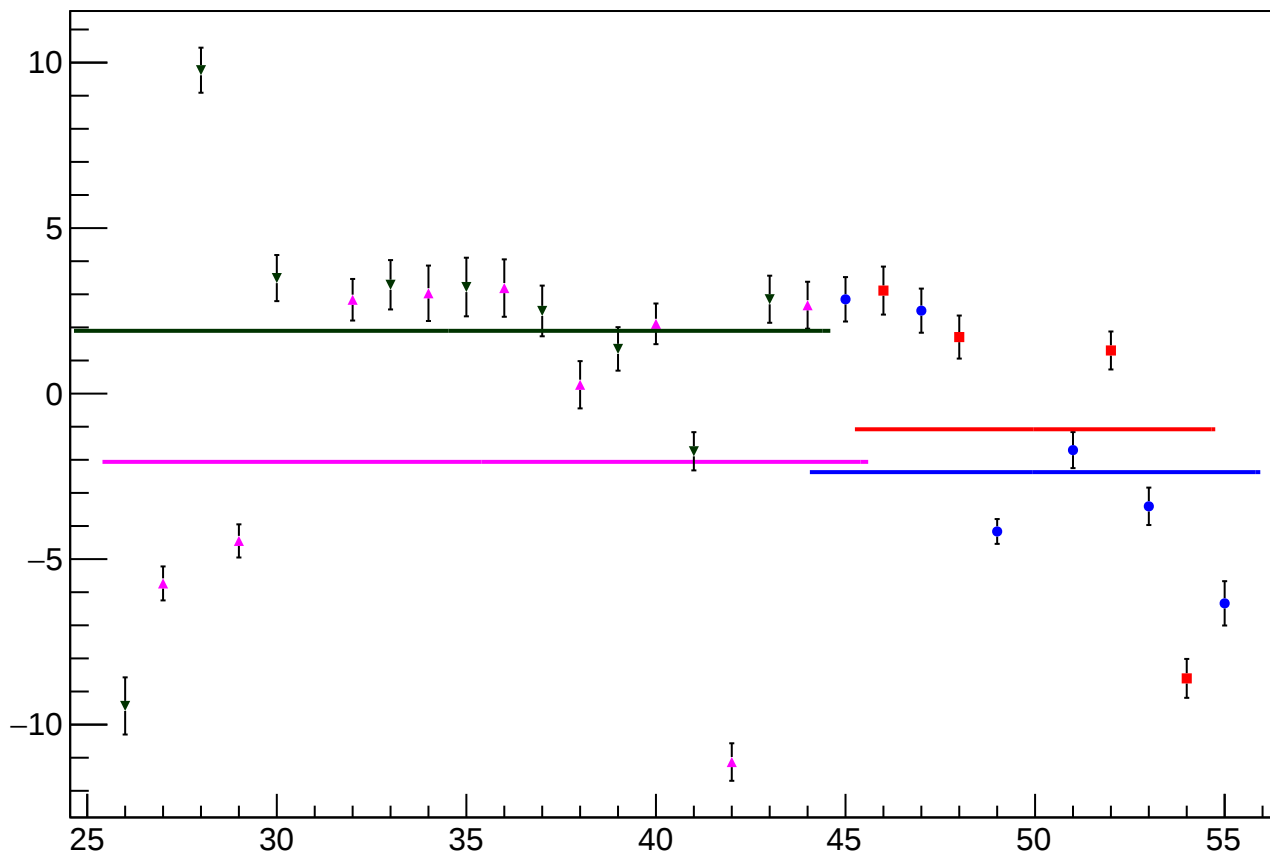
Right Out: -48.294 $\pm$ 0.043 χ^2/NDF : 593.7/3

Left In: -49.168 $\pm$ 0.030 χ^2/NDF : 481.7/8

-48.458 $\pm$ 0.023 χ^2/NDF : 2046.7/14

-48.889 $\pm$ 0.025 χ^2/NDF : 1350.3/12

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -2.372 ± 0.222 χ^2/NDF : 176.7/5

Left Out: 1.897 ± 0.238 χ^2/NDF : 359.8/8

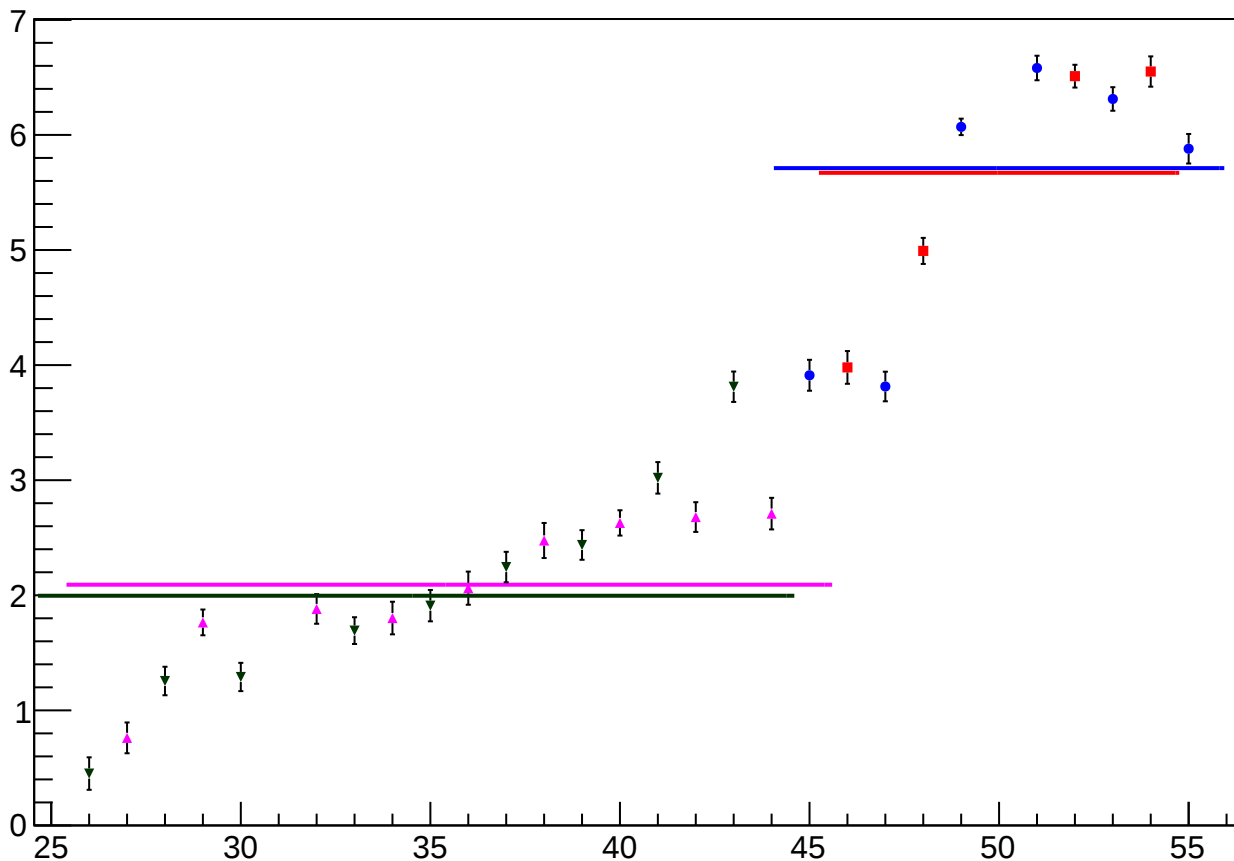
Right Out: -1.078 ± 0.313 χ^2/NDF : 232.9/3

Left In: -2.062 ± 0.209 χ^2/NDF : 565.8/8

-0.388 ± 0.162 χ^2/NDF : 708.5/14

-1.758 ± 0.174 χ^2/NDF : 805.5/12

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.712 $\pm$ 0.042 χ^2 /NDF: 524.9/5

Left Out: 1.996 $\pm$ 0.043 χ^2 /NDF: 455.9/8

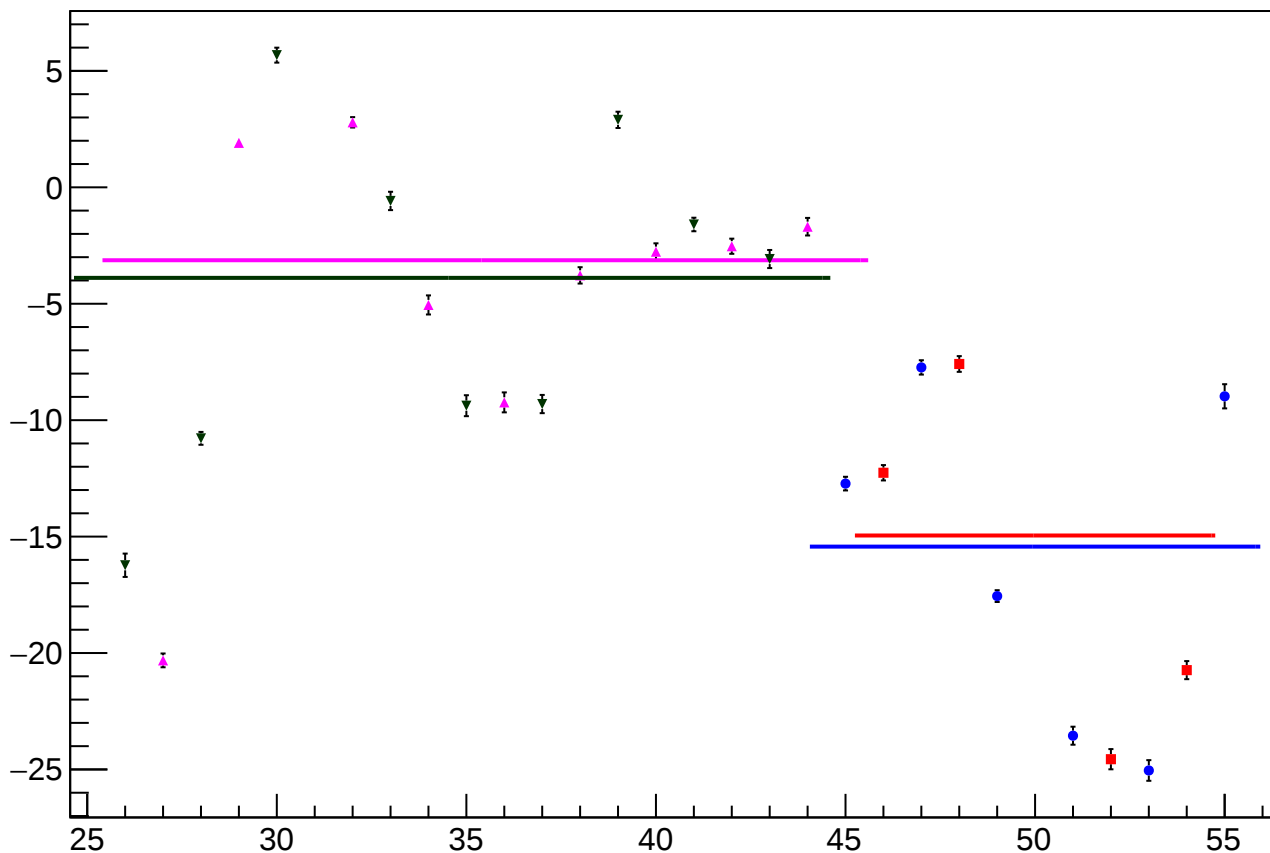
Right Out: 5.671 $\pm$ 0.059 χ^2 /NDF: 293.9/3

Left In: 2.092 $\pm$ 0.043 χ^2 /NDF: 185.6/8

3.885 $\pm$ 0.030 χ^2 /NDF: 4754.7/14

3.345 $\pm$ 0.035 χ^2 /NDF: 2869.5/12

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -15.430+/-0.137 χ^2/NDF : 1843.5/5

Left Out: -3.888+/-0.118 χ^2/NDF : 2967.8/8

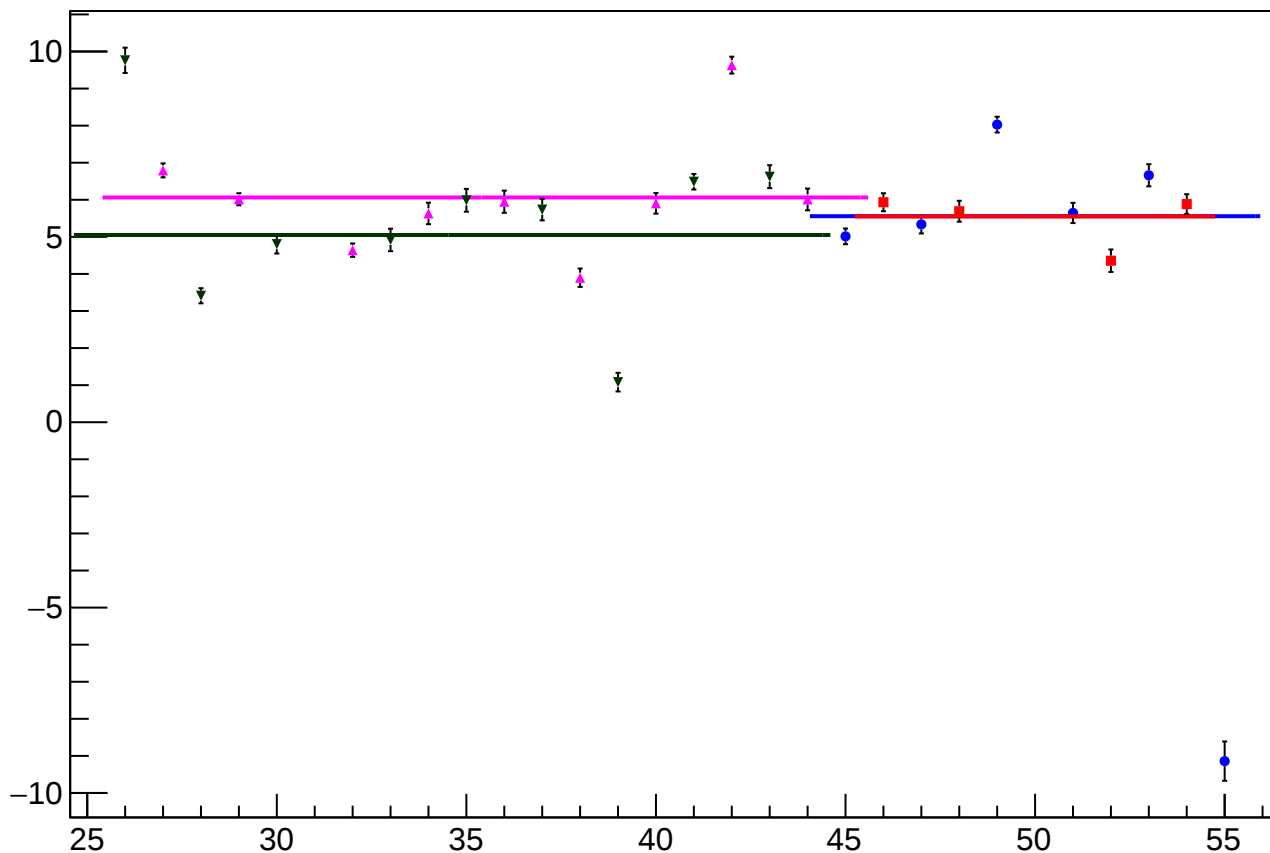
Right Out: -14.953+/-0.183 χ^2/NDF : 1253.5/3

Left In: -3.132+/-0.102 χ^2/NDF : 4858.8/8

-8.819+/-0.090 χ^2/NDF : 8868.7/14

-5.925+/-0.089 χ^2/NDF : 9301.9/12

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.557 ± 0.106 χ^2/NDF : 923.4/5

Left Out: 5.050 ± 0.088 χ^2/NDF : 593.0/8

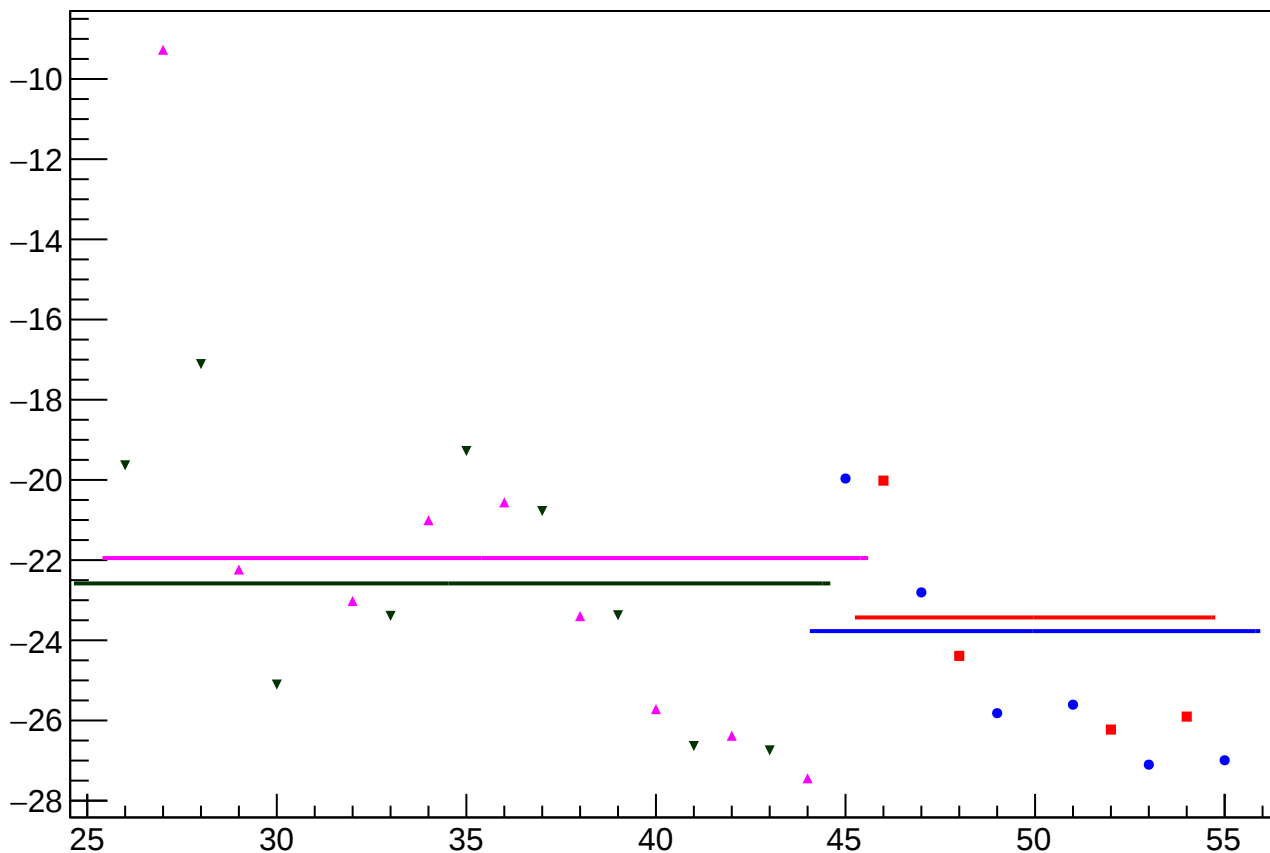
Right Out: 5.550 ± 0.135 χ^2/NDF : 19.8/3

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.256 ± 0.067 χ^2/NDF : 1530.0/14

5.943 ± 0.065 χ^2/NDF : 431.3/12

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -23.771 $\pm$ 0.024 χ^2 /NDF: 12325.2/5

Left Out: -22.582 $\pm$ 0.020 χ^2 /NDF: 29955.2/8

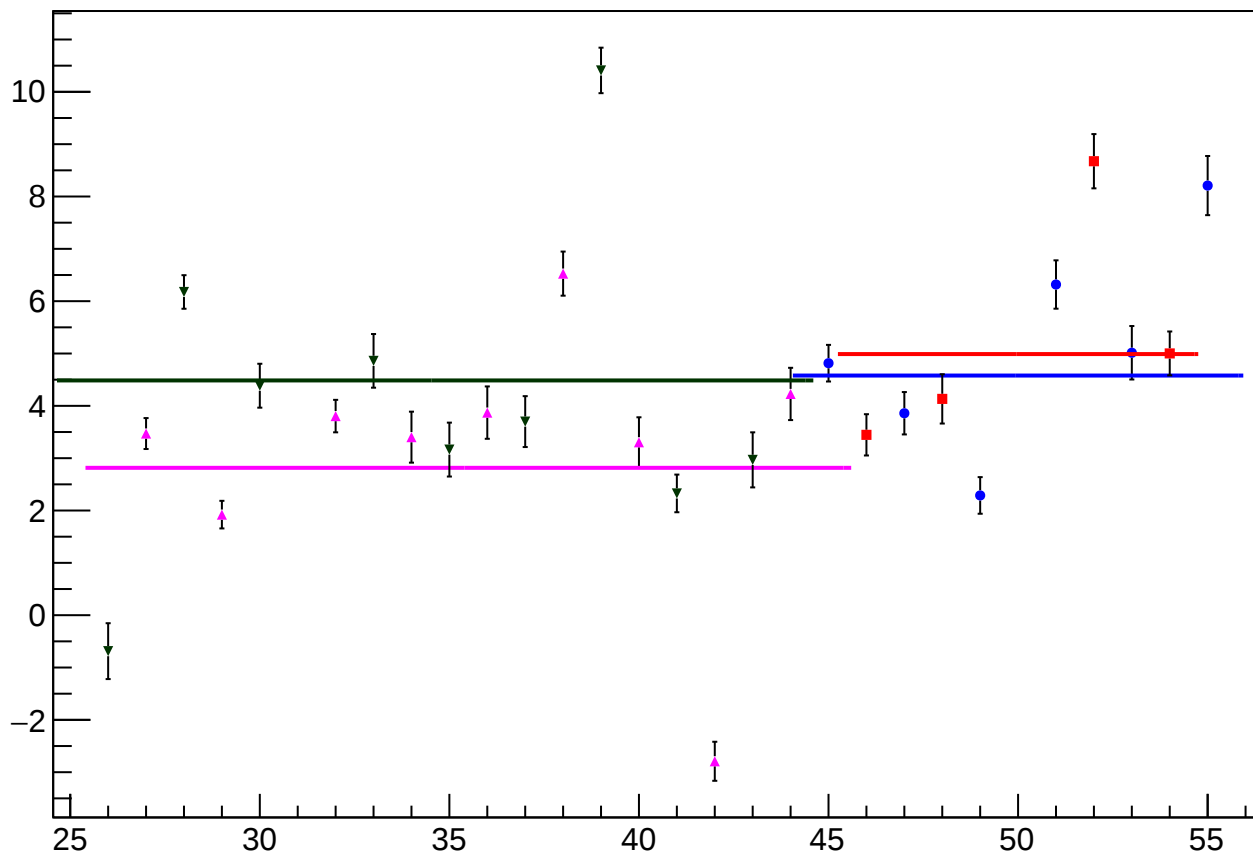
Right Out: -23.430 $\pm$ 0.030 χ^2 /NDF: 7923.2/3

Left In: -21.949 $\pm$ 0.017 χ^2 /NDF: 78860.8/8

-23.058 $\pm$ 0.015 χ^2 /NDF: 43719.7/14

-22.320 $\pm$ 0.015 χ^2 /NDF: 88607.5/12

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.579 ± 0.171 χ^2/NDF : 102.6/5

Left Out: 4.486 ± 0.145 χ^2/NDF : 361.5/8

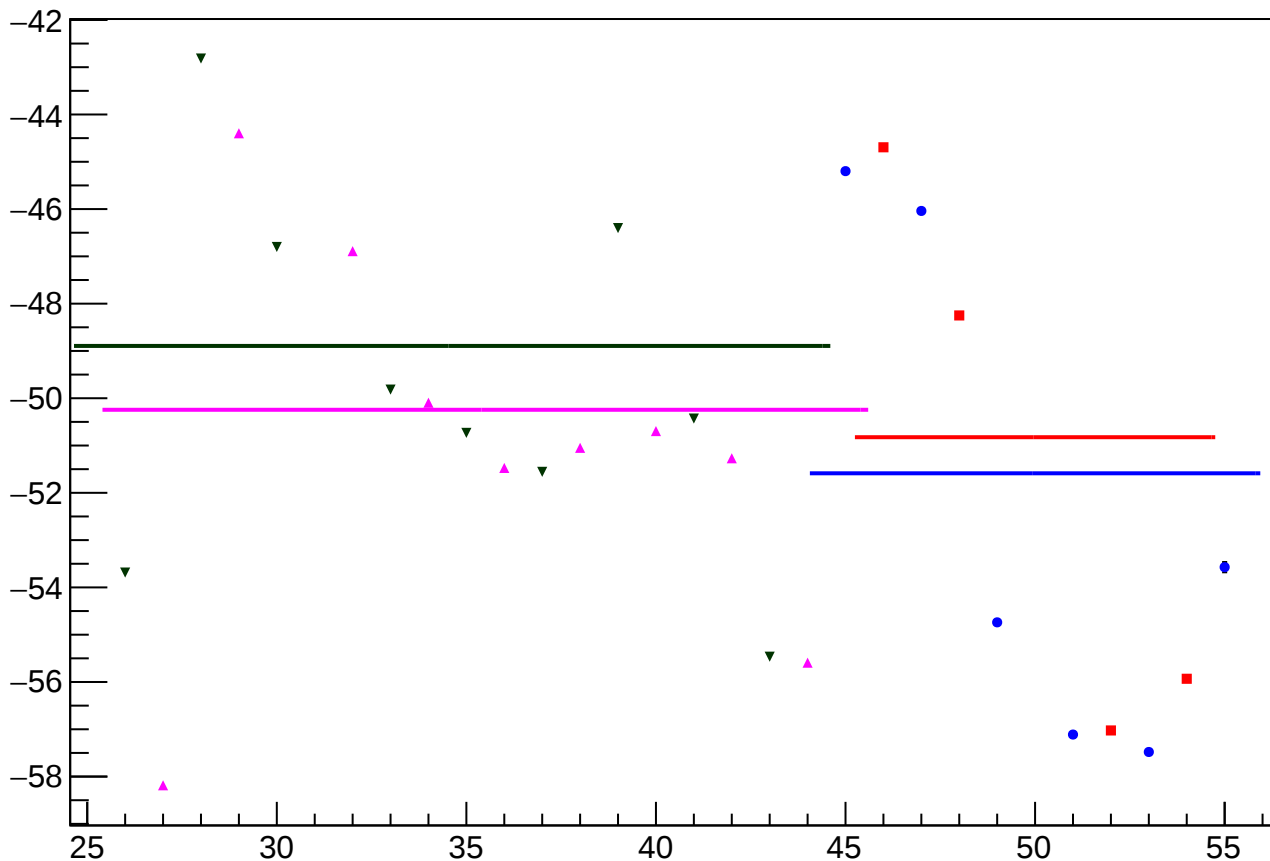
Right Out: 4.989 ± 0.222 χ^2/NDF : 69.2/3

Left In: 2.816 ± 0.123 χ^2/NDF : 345.0/8

4.525 ± 0.111 χ^2/NDF : 464.3/14

3.330 ± 0.108 χ^2/NDF : 487.5/12

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -51.587 ± 0.033 χ^2/NDF : 23471.2/5

Left Out: -49.958 ± 0.021 χ^2/NDF : 48533.4/14

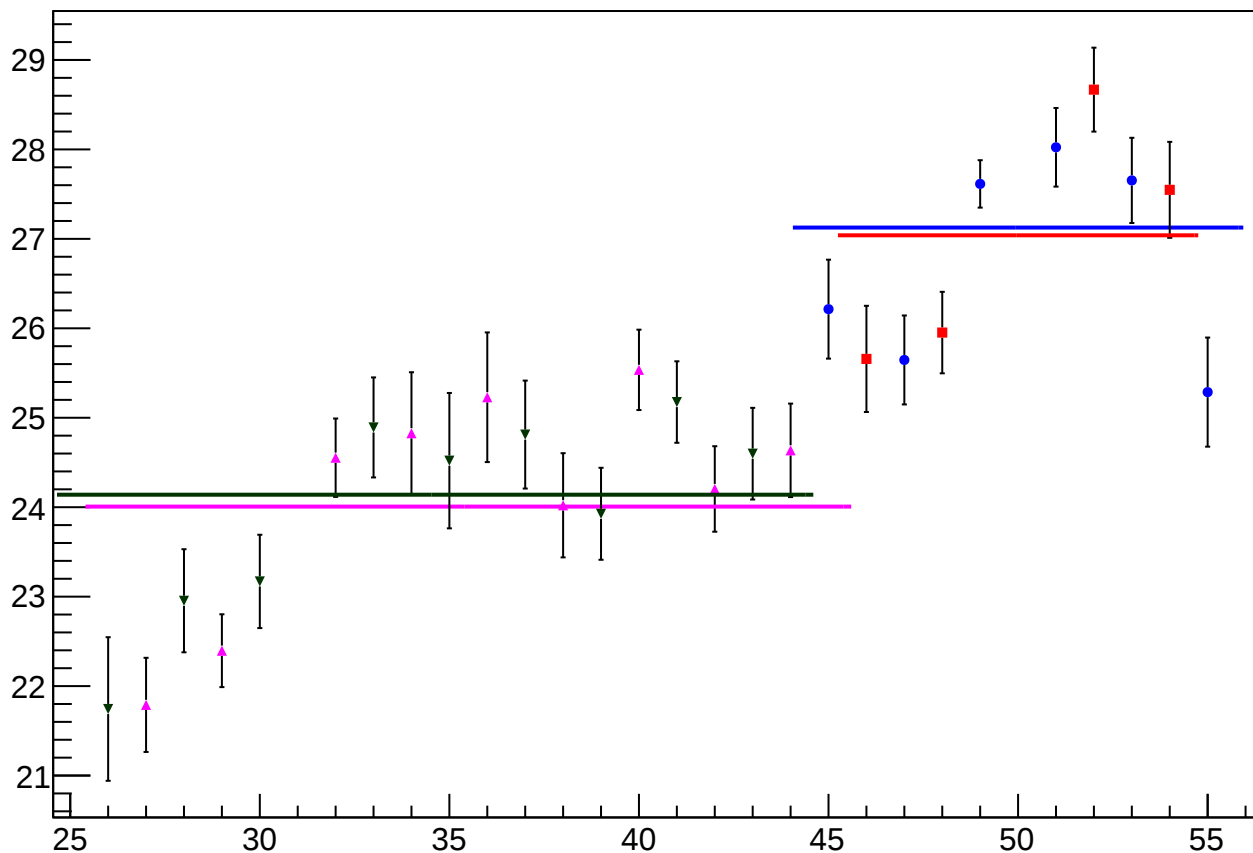
Right Out: -50.824 ± 0.043 χ^2/NDF : 14820.2/3

Left In: -50.244 ± 0.026 χ^2/NDF : 27248.9/8

Right Out: -50.824 ± 0.043 χ^2/NDF : 14820.2/3

Left In: -50.244 ± 0.026 χ^2/NDF : 27248.9/8

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.126 ± 0.172 χ^2/NDF : 29.5/5

Left Out: 24.140 ± 0.188 χ^2/NDF : 26.0/8

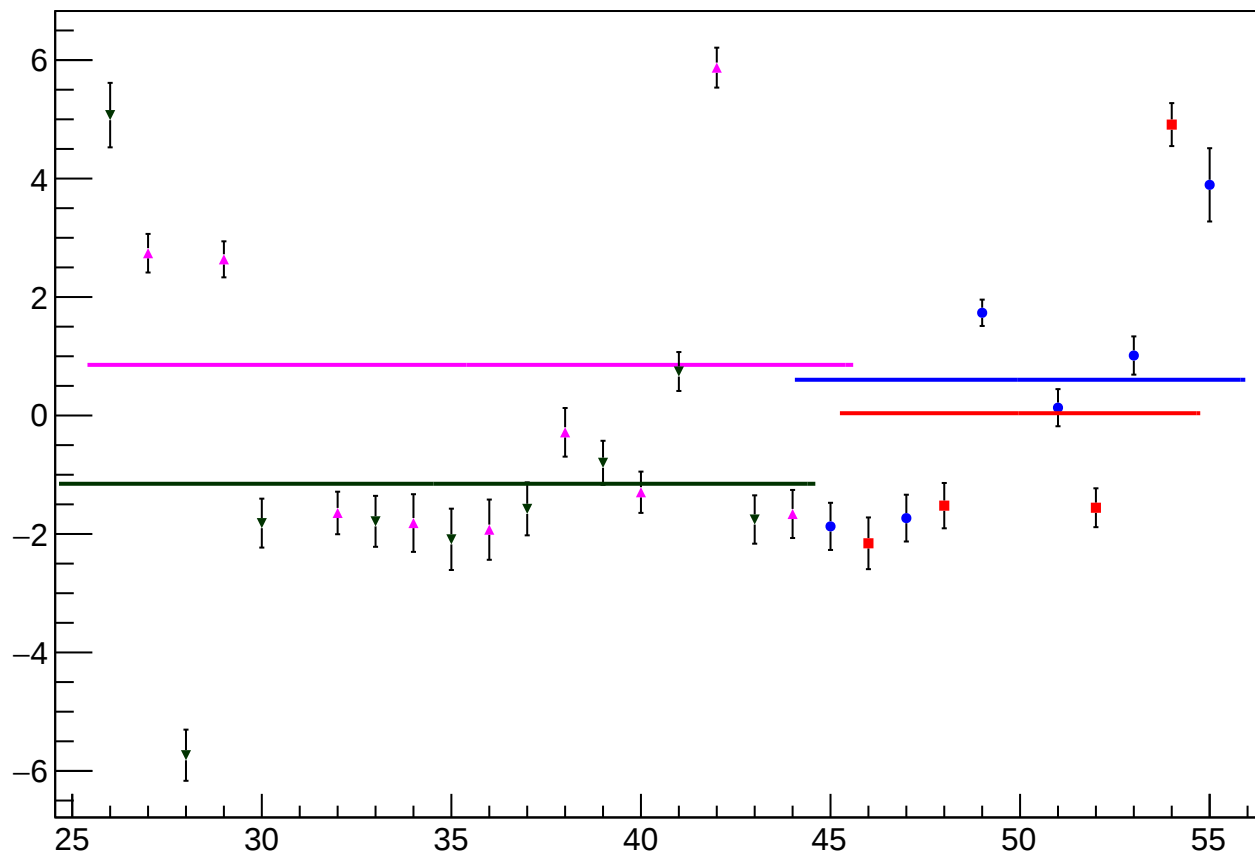
Right Out: 27.040 ± 0.253 χ^2/NDF : 24.1/3

Left In: 24.007 ± 0.169 χ^2/NDF : 52.5/8

25.765 ± 0.127 χ^2/NDF : 193.0/14

24.948 ± 0.141 χ^2/NDF : 176.0/12

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.603 ± 0.134 χ^2/NDF : 131.7/5

Left Out: -1.152 ± 0.140 χ^2/NDF : 288.7/8

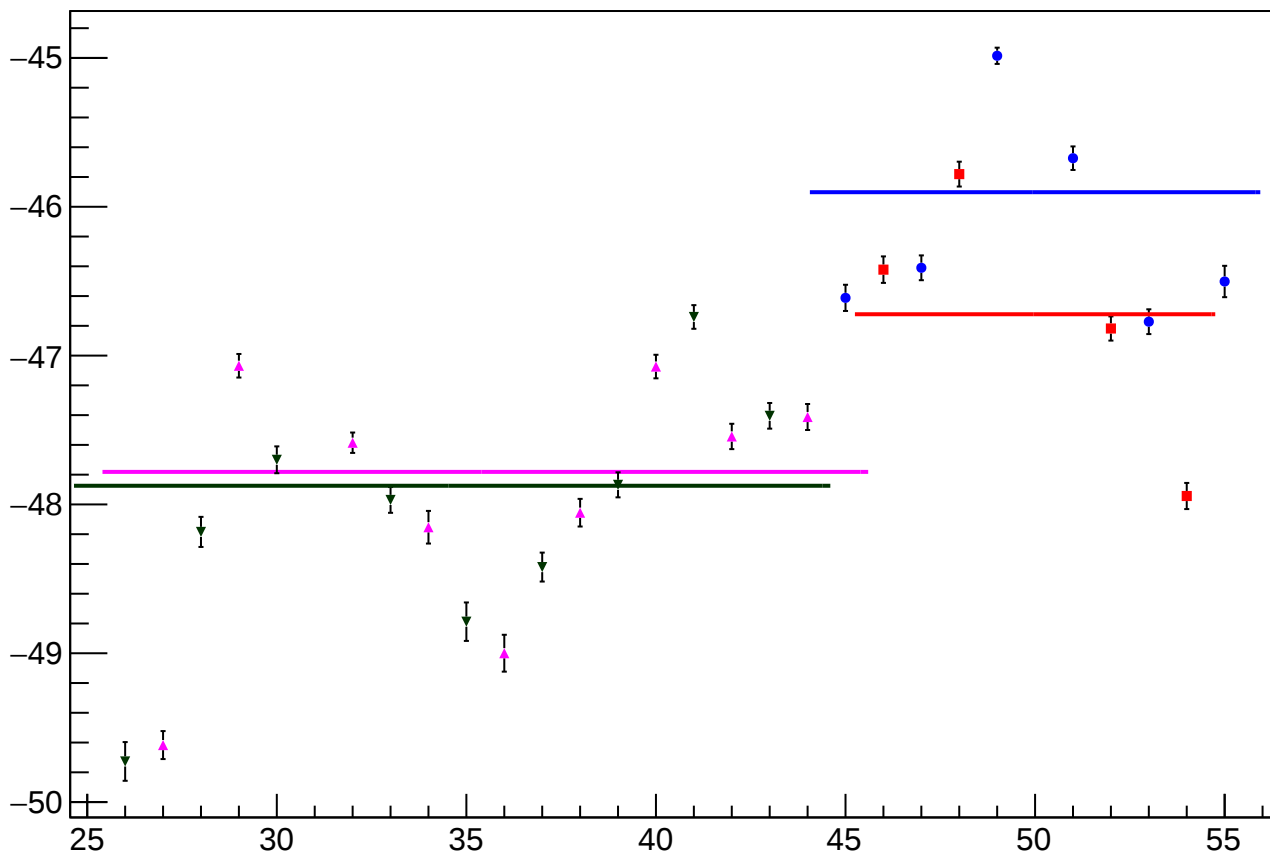
Right Out: 0.039 ± 0.186 χ^2/NDF : 246.0/3

Left In: 0.855 ± 0.124 χ^2/NDF : 482.1/8

-0.241 ± 0.097 χ^2/NDF : 502.3/14

0.604 ± 0.103 χ^2/NDF : 741.4/12

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -45.902 $\pm$ 0.032 χ^2 /NDF: 534.2/5

Left Out: -47.875 $\pm$ 0.031 χ^2 /NDF: 531.8/8

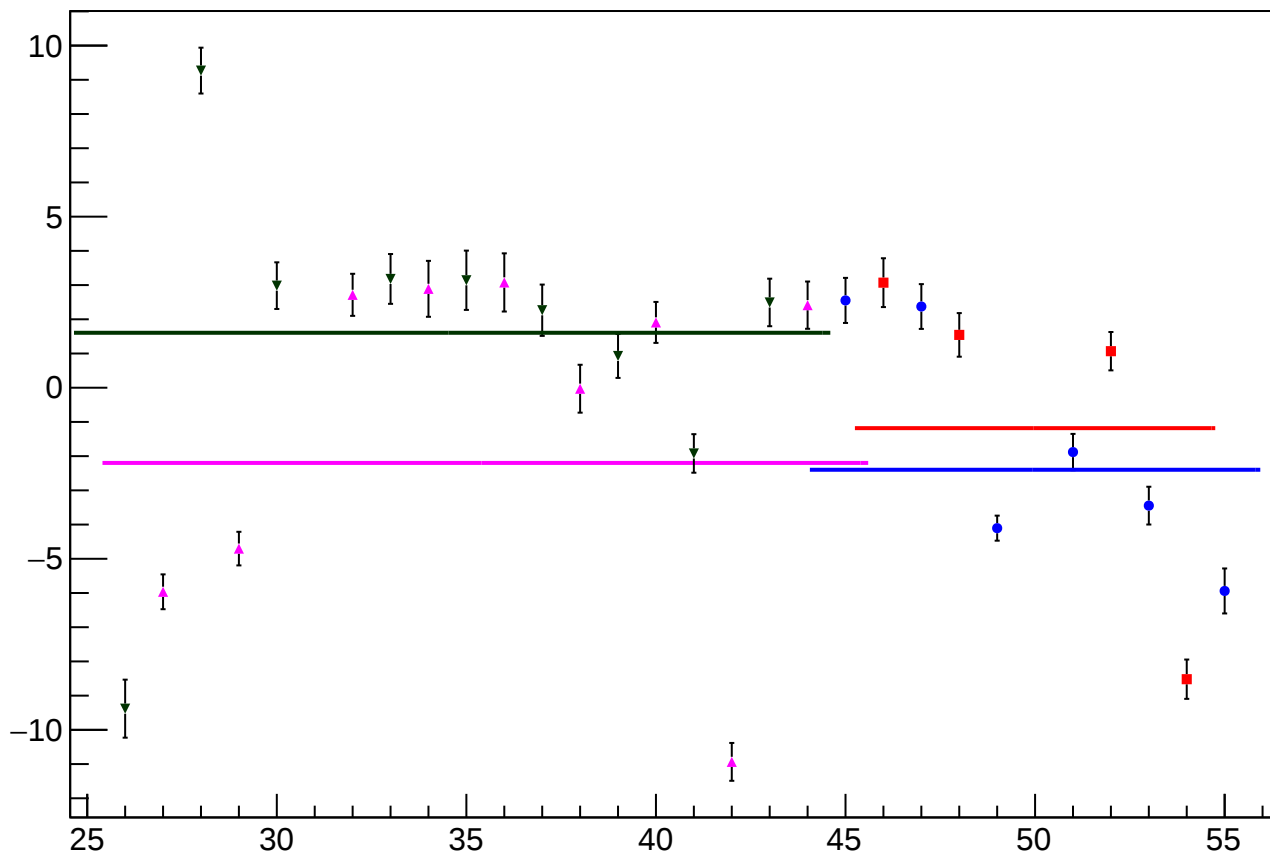
-46.893 $\pm$ 0.022 χ^2 /NDF: 3026.6/14

Right Out: -46.722 $\pm$ 0.043 χ^2 /NDF: 333.2/3

-47.444 $\pm$ 0.024 χ^2 /NDF: 1447.5/12

Left In: -47.781 $\pm$ 0.029 χ^2 /NDF: 693.0/8

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -2.398 ± 0.217 χ^2/NDF : 164.9/5

Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

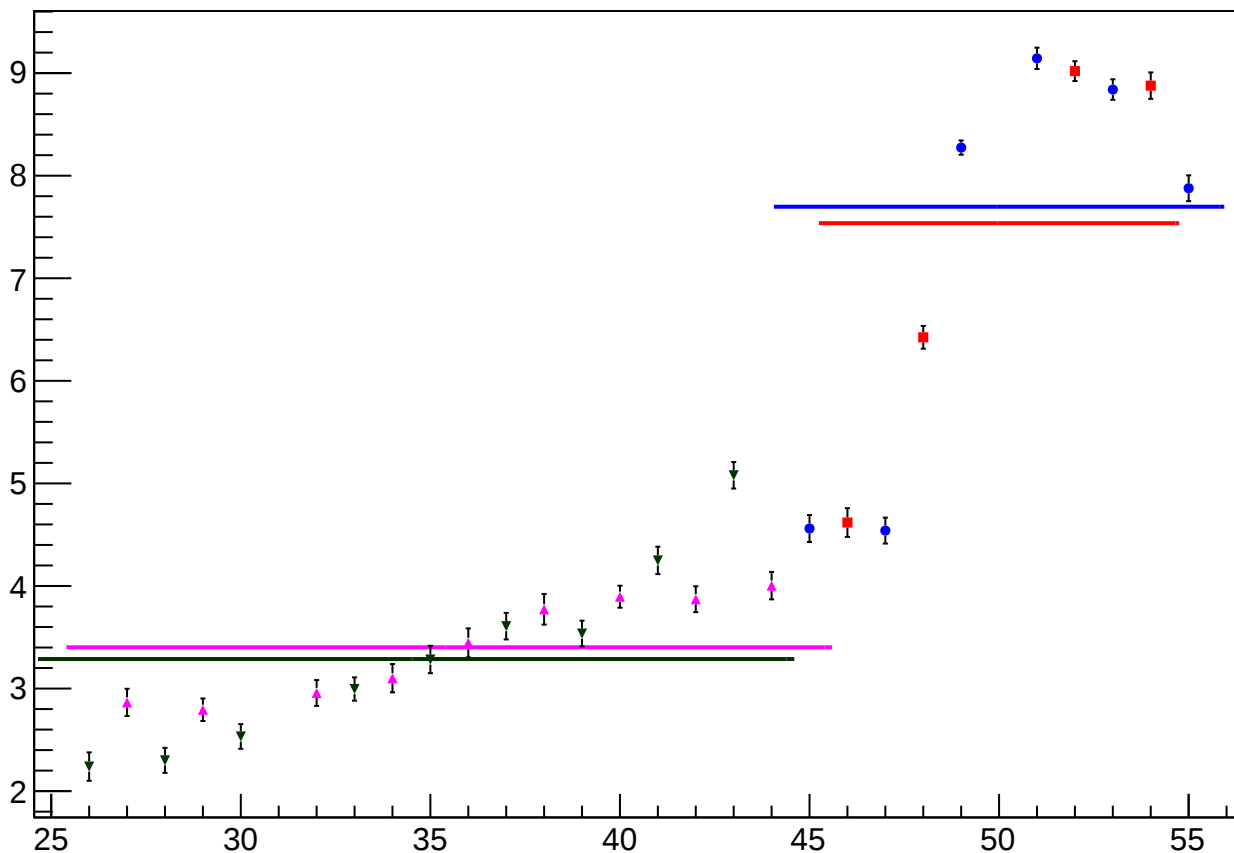
Right Out: -1.182 ± 0.307 χ^2/NDF : 232.9/3

Left In: -2.198 ± 0.205 χ^2/NDF : 572.5/8

-0.538 ± 0.159 χ^2/NDF : 676.3/14

-1.884 ± 0.171 χ^2/NDF : 813.0/12

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 7.698 $\pm$ 0.041 χ^2 /NDF: 1585.6/5

Left Out: 3.288 $\pm$ 0.042 χ^2 /NDF: 423.4/8

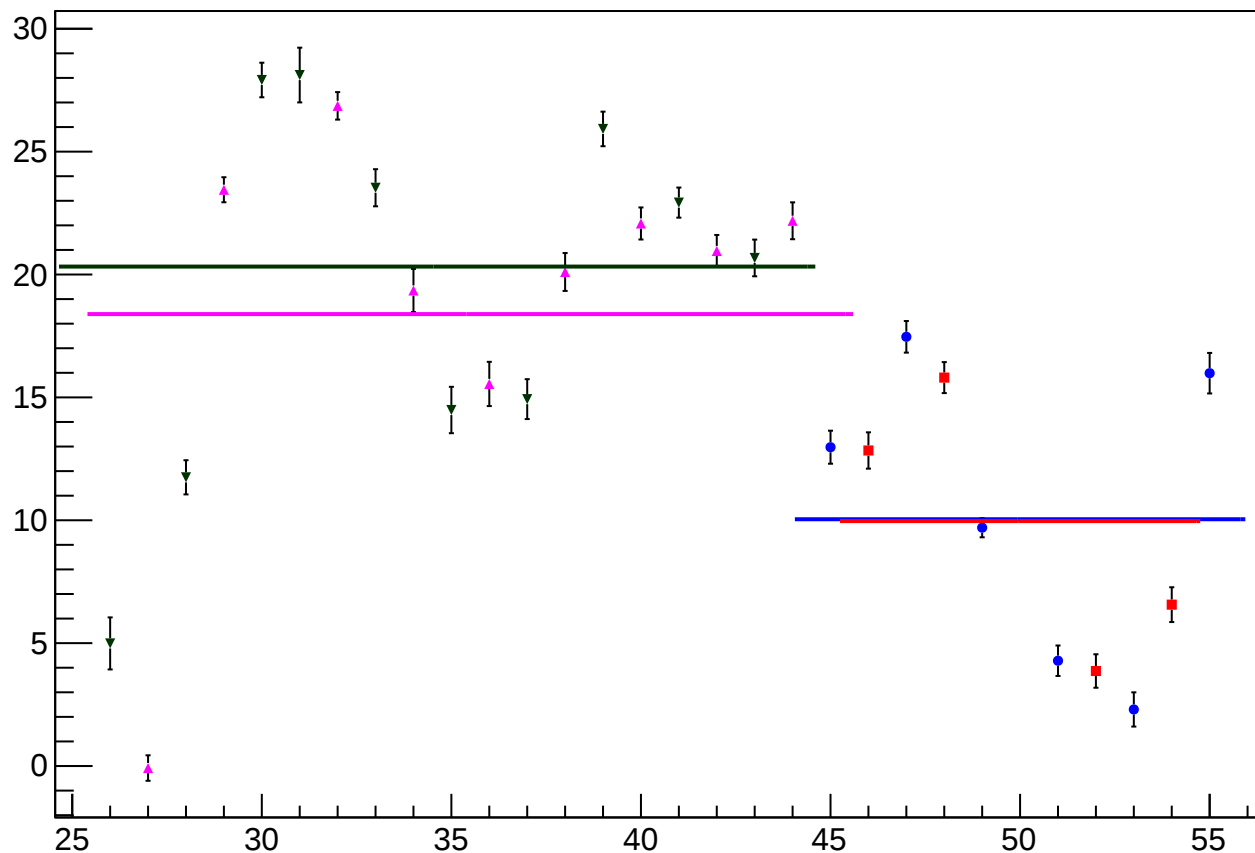
Right Out: 7.537 $\pm$ 0.058 χ^2 /NDF: 878.8/3

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF: 125.8/8

5.532 $\pm$ 0.030 χ^2 /NDF: 7565.2/14

4.850 $\pm$ 0.034 χ^2 /NDF: 4330.8/12

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 10.042 $\pm$ 0.240 χ^2 /NDF: 414.8/5

Left Out: 20.323 $\pm$ 0.245 χ^2 /NDF: 709.6/9

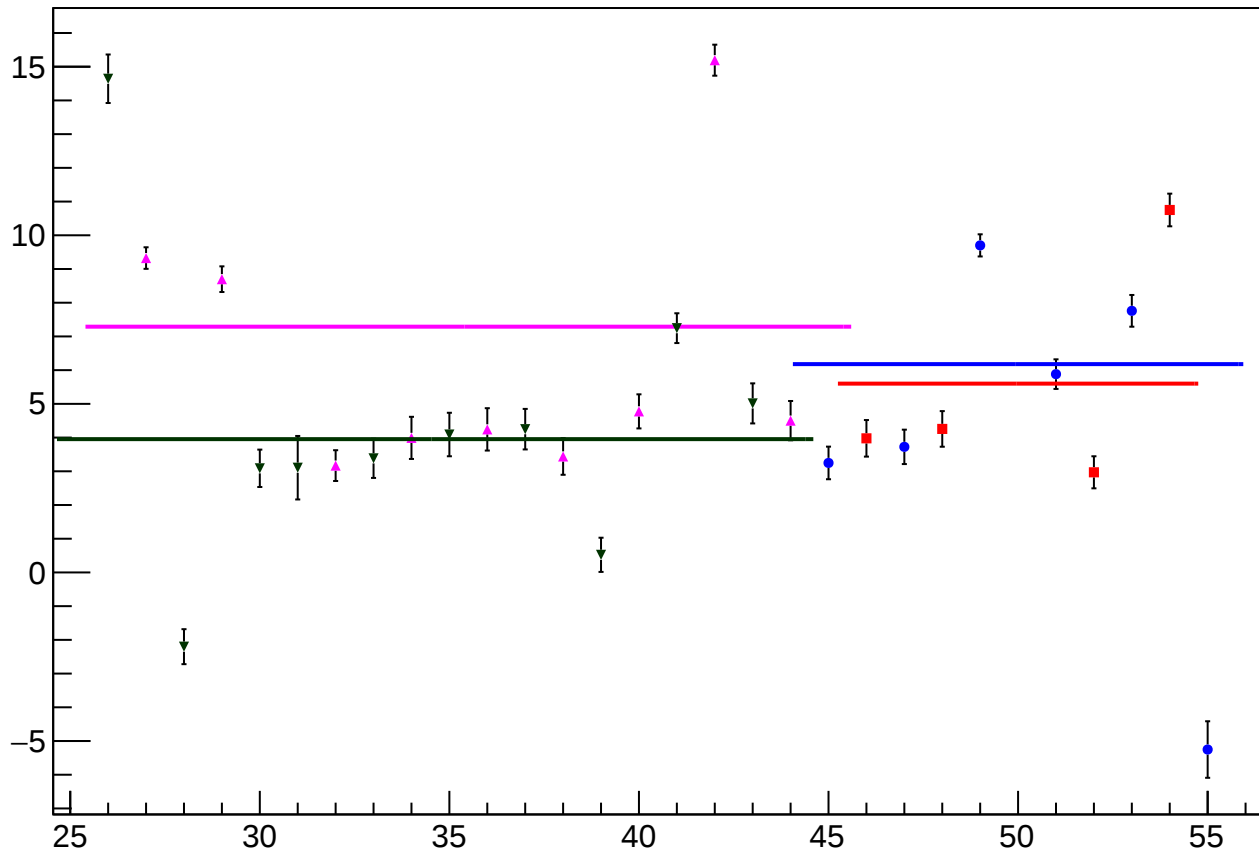
Right Out: 9.967 $\pm$ 0.343 χ^2 /NDF: 204.2/3

Left In: 18.390 $\pm$ 0.216 χ^2 /NDF: 1685.1/8

15.088 $\pm$ 0.172 χ^2 /NDF: 2021.6/15

16.000 $\pm$ 0.183 χ^2 /NDF: 2321.2/12

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 6.179 $\pm$ 0.187 χ^2 /NDF: 372.4/5

Left Out: 3.954 $\pm$ 0.183 χ^2 /NDF: 470.5/9

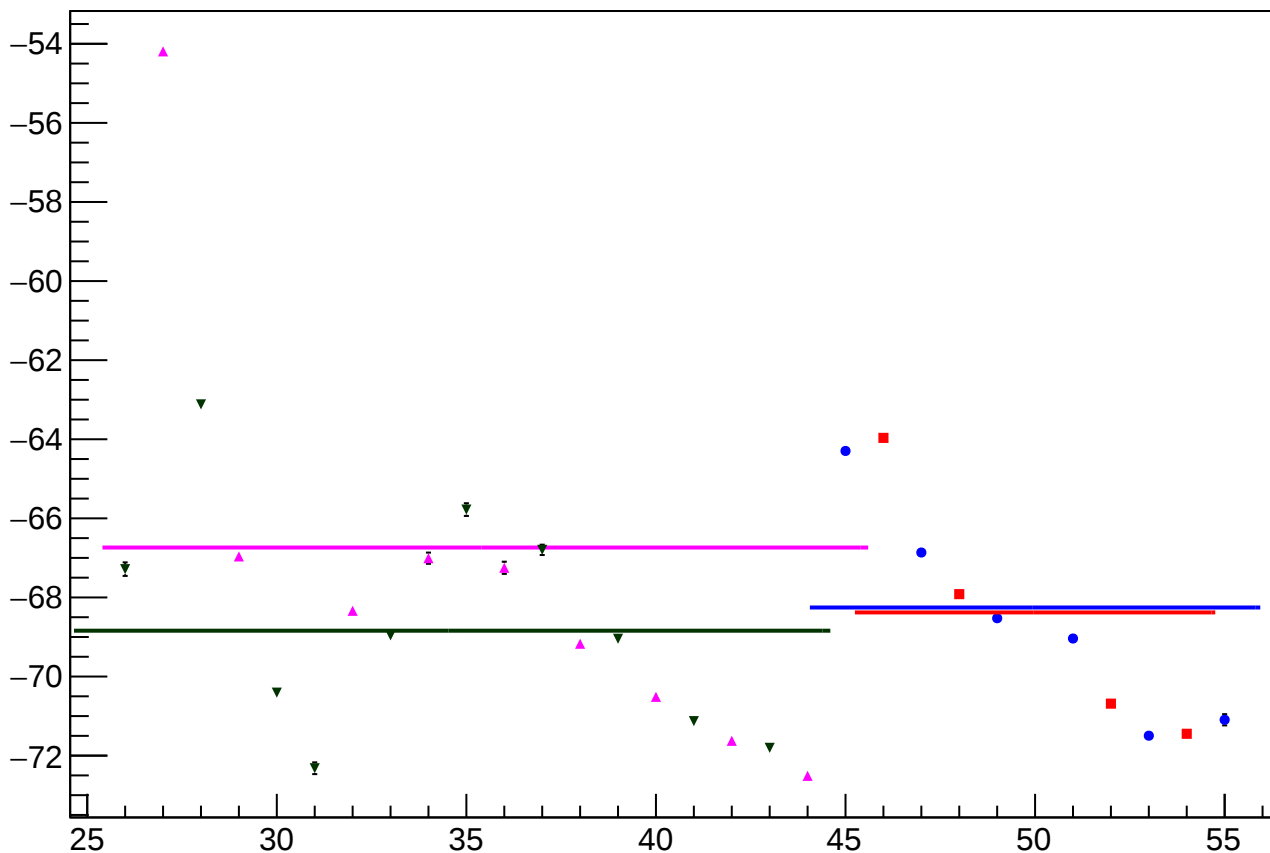
Right Out: 5.600 $\pm$ 0.253 χ^2 /NDF: 159.1/3

Left In: 7.289 $\pm$ 0.155 χ^2 /NDF: 579.9/8

5.038 $\pm$ 0.131 χ^2 /NDF: 915.2/15

6.827 $\pm$ 0.132 χ^2 /NDF: 771.5/12

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -68.254+/-0.044 χ^2/NDF : 2700.0/5

Left Out: -68.841+/-0.040 χ^2/NDF : 4612.8/9

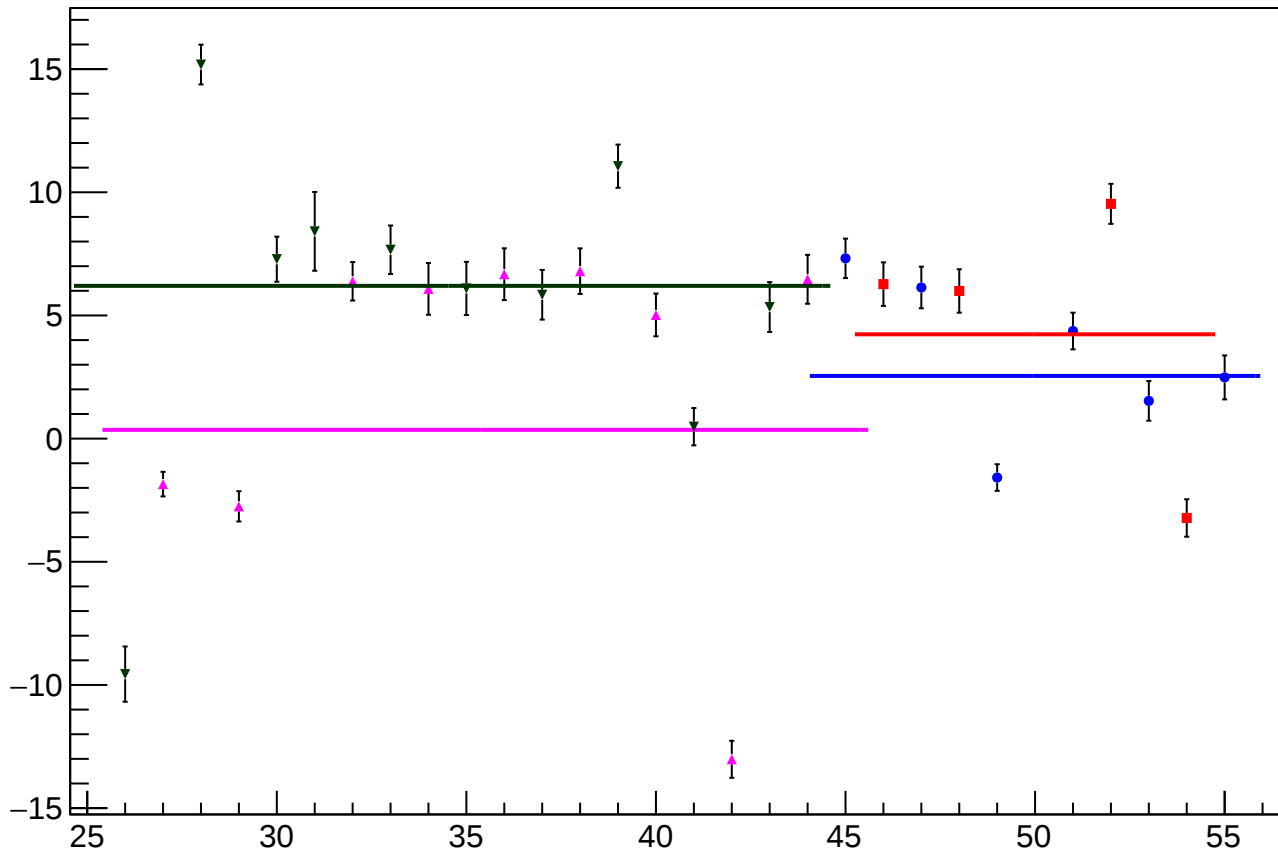
Right Out: -68.379+/-0.057 χ^2/NDF : 2675.9/3

Left In: -66.738+/-0.037 χ^2/NDF : 23839.1/8

-68.569+/-0.030 χ^2/NDF : 7409.9/15

-67.224+/-0.031 χ^2/NDF : 27089.2/12

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 2.545 $\pm$ 0.302 χ^2 /NDF: 119.4/5

Left Out: 6.202 $\pm$ 0.304 χ^2 /NDF: 415.3/9

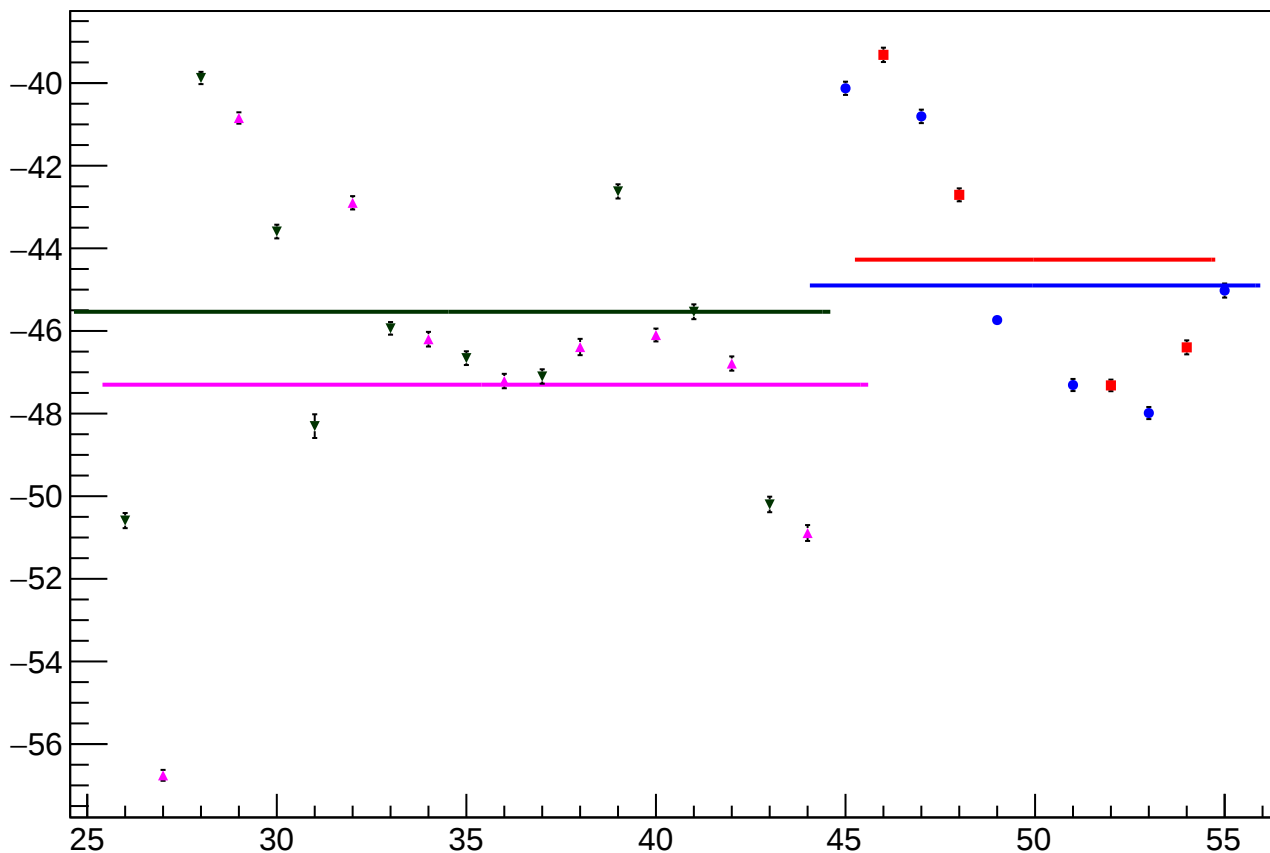
Right Out: 4.235 $\pm$ 0.415 χ^2 /NDF: 147.9/3

Left In: 0.356 $\pm$ 0.255 χ^2 /NDF: 602.4/8

4.359 $\pm$ 0.214 χ^2 /NDF: 607.6/15

1.420 $\pm$ 0.217 χ^2 /NDF: 813.7/12

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.899 ± 0.058 χ^2/NDF : 2294.8/5

Left Out: -45.536 ± 0.055 χ^2/NDF : 3476.0/9

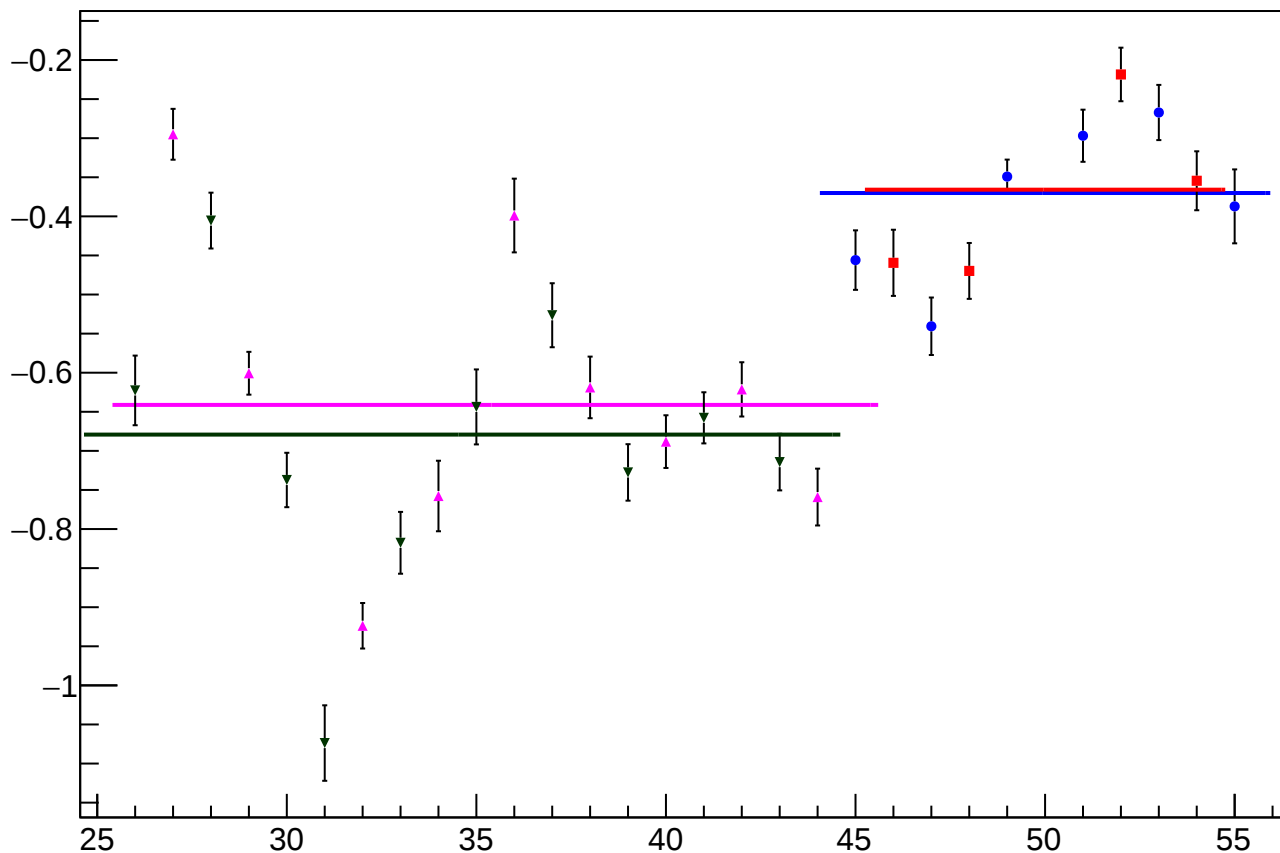
Right Out: -44.274 ± 0.079 χ^2/NDF : 1539.8/3

Left In: -47.301 ± 0.054 χ^2/NDF : 8552.3/8

-45.232 ± 0.040 χ^2/NDF : 5834.1/15

-46.337 ± 0.045 χ^2/NDF : 11085.8/12

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.370+/-0.013 χ^2 /NDF: 41.0/5

Left Out: -0.679+/-0.012 χ^2 /NDF:159.8/9

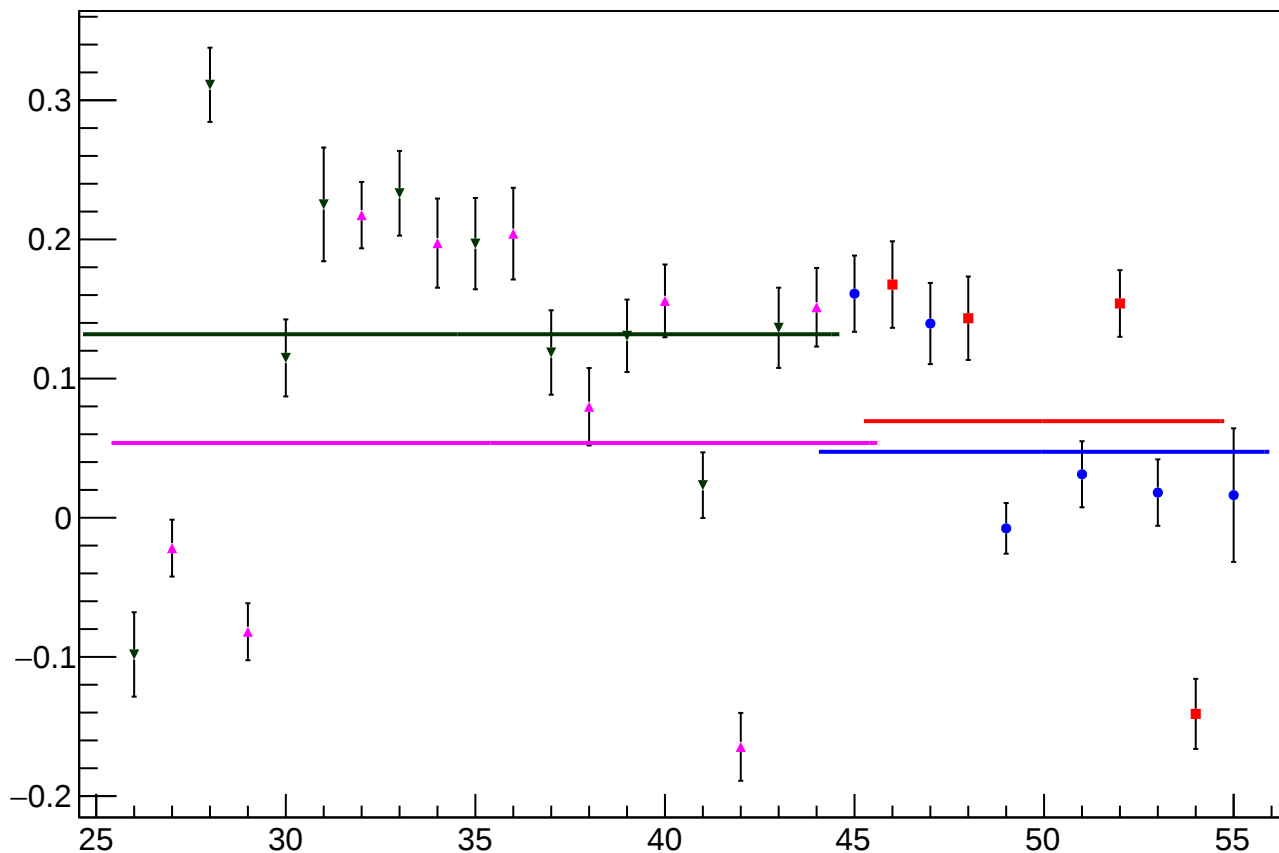
Right Out: -0.366+/-0.019 χ^2 /NDF: 31.9/3

Left In: -0.641+/-0.012 χ^2 /NDF:255.8/8

-0.537+/-0.009 χ^2 /NDF: 494.3/15

-0.565+/-0.010 χ^2 /NDF: 446.1/12

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.047 ± 0.010 $\chi^2/\text{NDF}: 38.7/5$

Left Out: 0.132 ± 0.009 $\chi^2/\text{NDF}: 144.7/9$

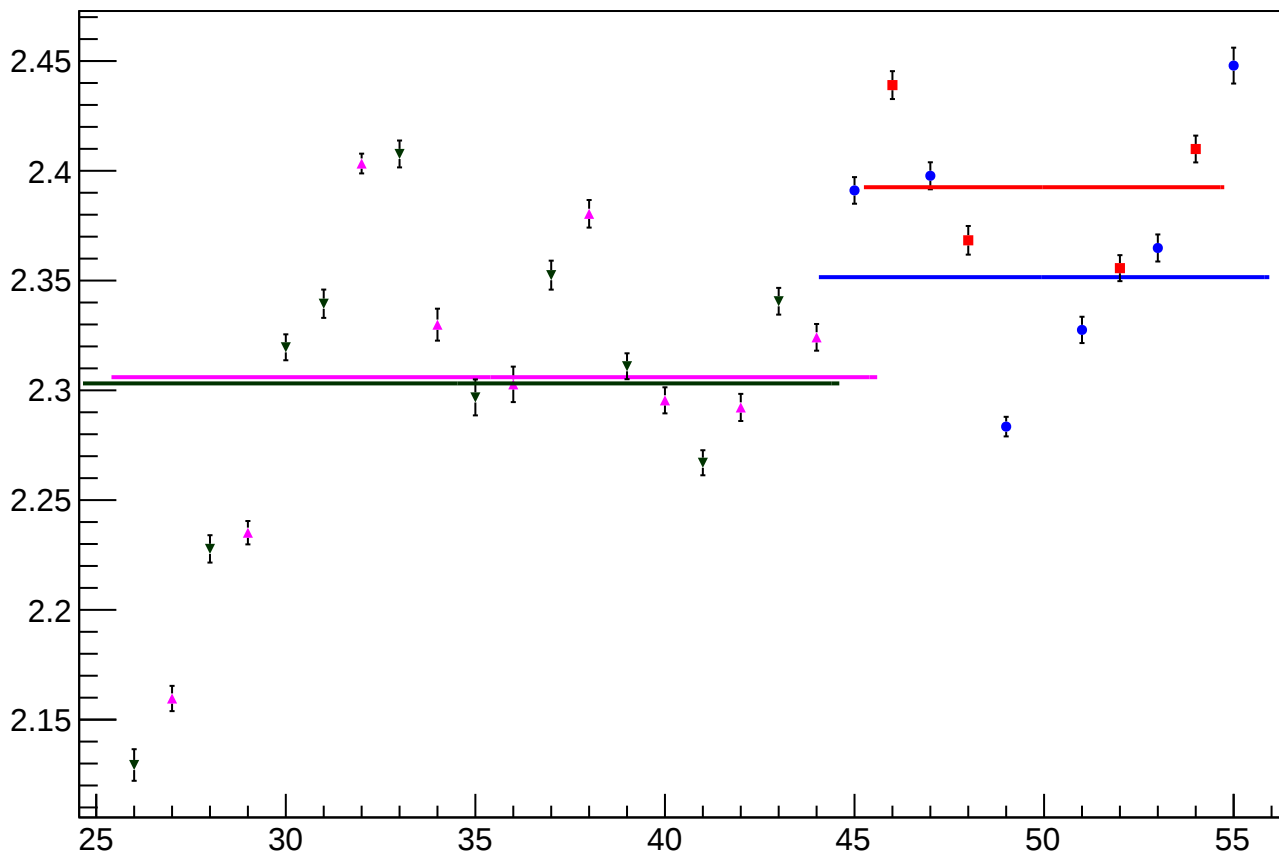
Right Out: 0.069 ± 0.014 $\chi^2/\text{NDF}: 98.2/3$

Left In: 0.054 ± 0.008 $\chi^2/\text{NDF}: 253.9/8$

0.095 ± 0.007 $\chi^2/\text{NDF}: 221.1/15$

0.058 ± 0.007 $\chi^2/\text{NDF}: 353.1/12$

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.352 $\pm$ 0.002 χ^2 /NDF: 491.4/5

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF:1196.2/9

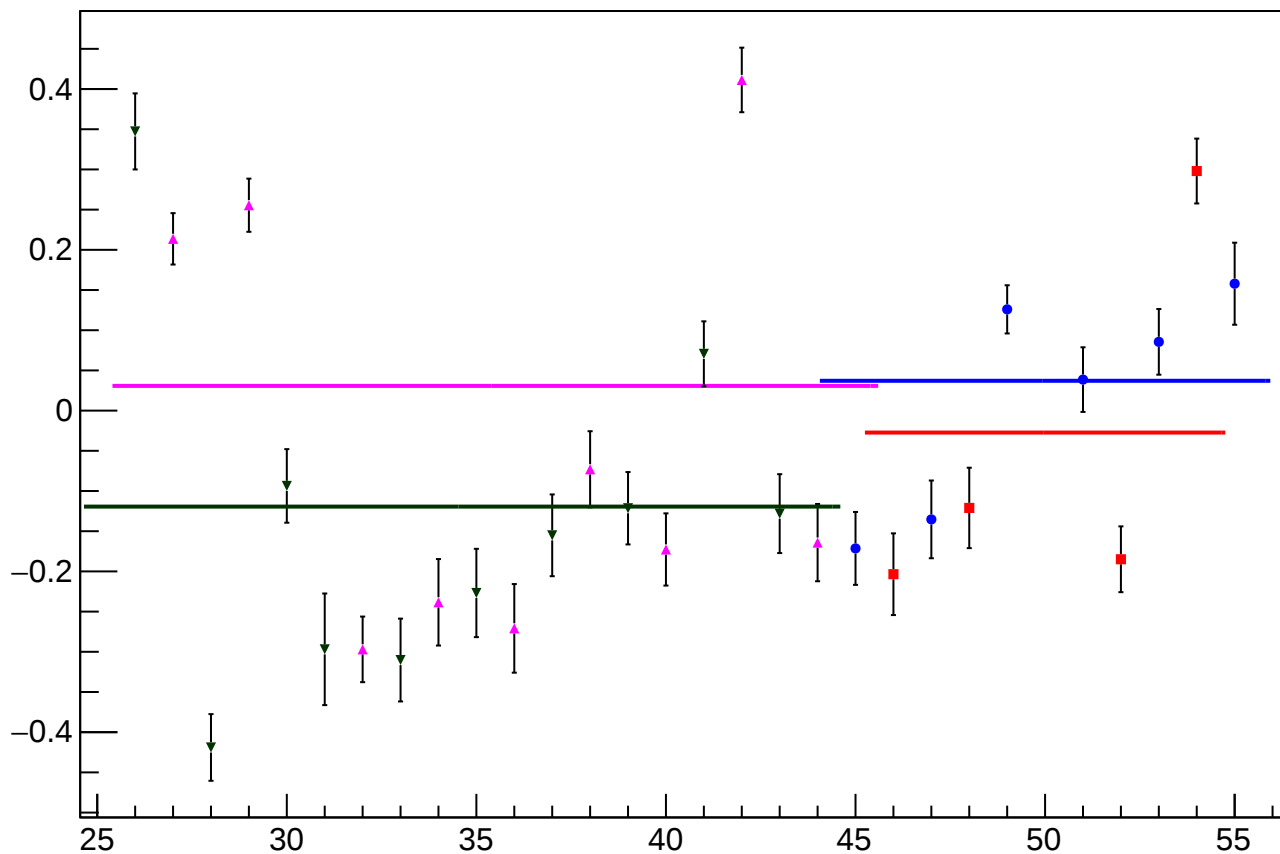
Right Out: 2.393 $\pm$ 0.003 χ^2 /NDF: 114.2/3

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF:1460.0/8

2.323 $\pm$ 0.002 χ^2 /NDF: 1926.6/15

2.331 $\pm$ 0.002 χ^2 /NDF: 2126.5/12

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 0.037 ± 0.017 χ^2/NDF : 49.7/5

Left Out: -0.119 ± 0.015 χ^2/NDF : 196.5/9

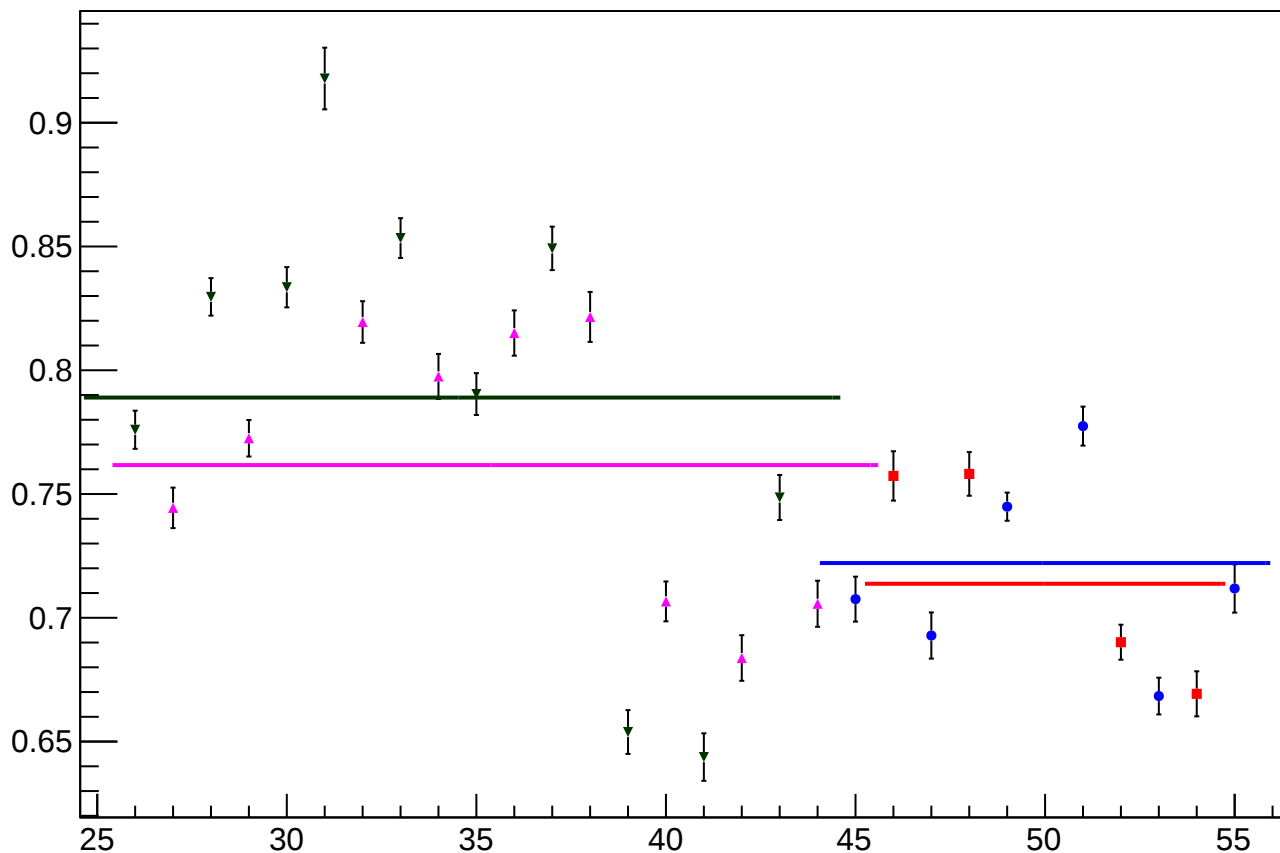
Right Out: -0.027 ± 0.022 χ^2/NDF : 95.4/3

Left In: 0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.048 ± 0.011 χ^2/NDF : 294.5/15

0.015 ± 0.012 χ^2/NDF : 430.3/12

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.722 $\pm$ 0.003 χ^2 /NDF: 131.3/5

Left Out: 0.789 $\pm$ 0.003 χ^2 /NDF: 762.0/9

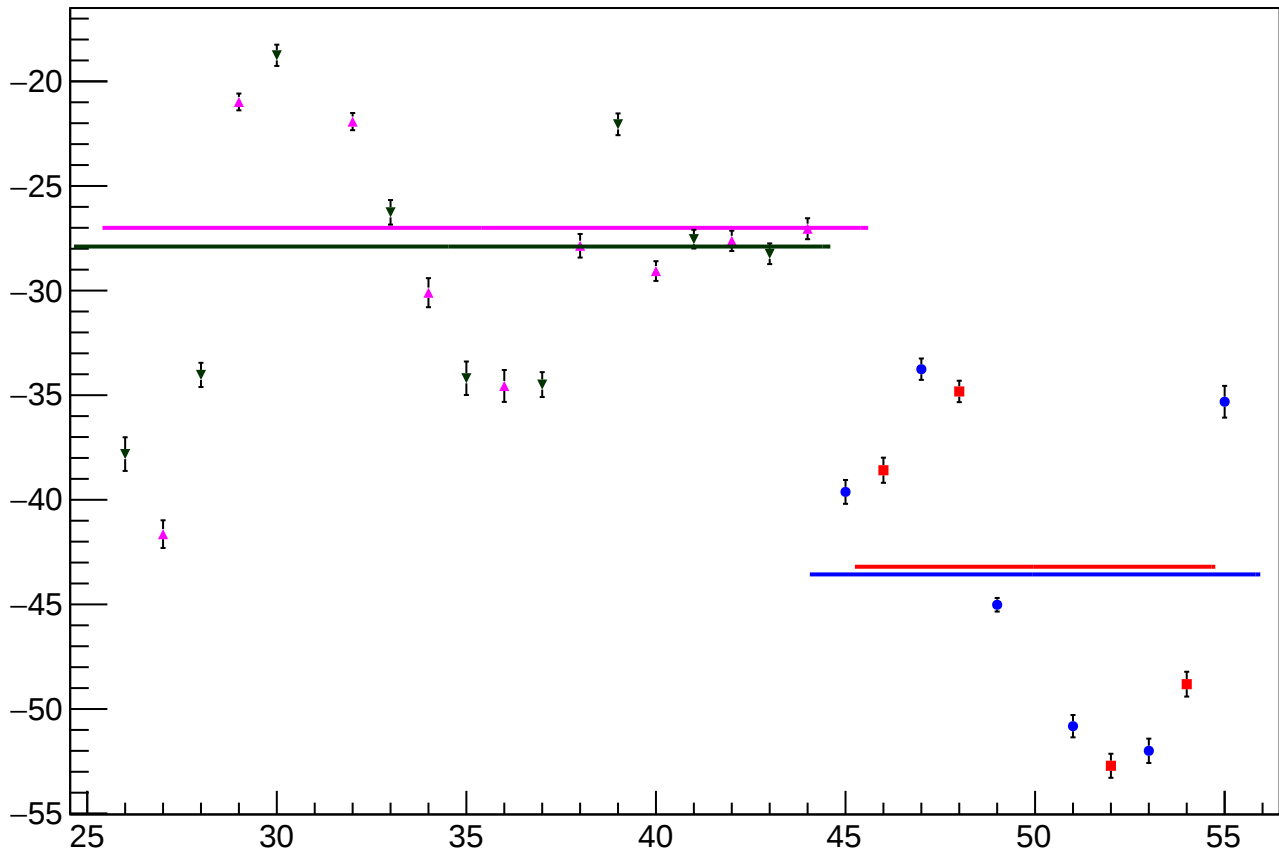
Right Out: 0.714 $\pm$ 0.004 χ^2 /NDF: 79.4/3

Left In: 0.762 $\pm$ 0.003 χ^2 /NDF: 293.1/8

0.760 $\pm$ 0.002 χ^2 /NDF: 1148.3/15

0.747 $\pm$ 0.002 χ^2 /NDF: 459.2/12

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -43.567 $\pm$ 0.202 χ^2 /NDF: 949.3/5

Left Out: -27.895 $\pm$ 0.187 χ^2 /NDF: 907.7/8

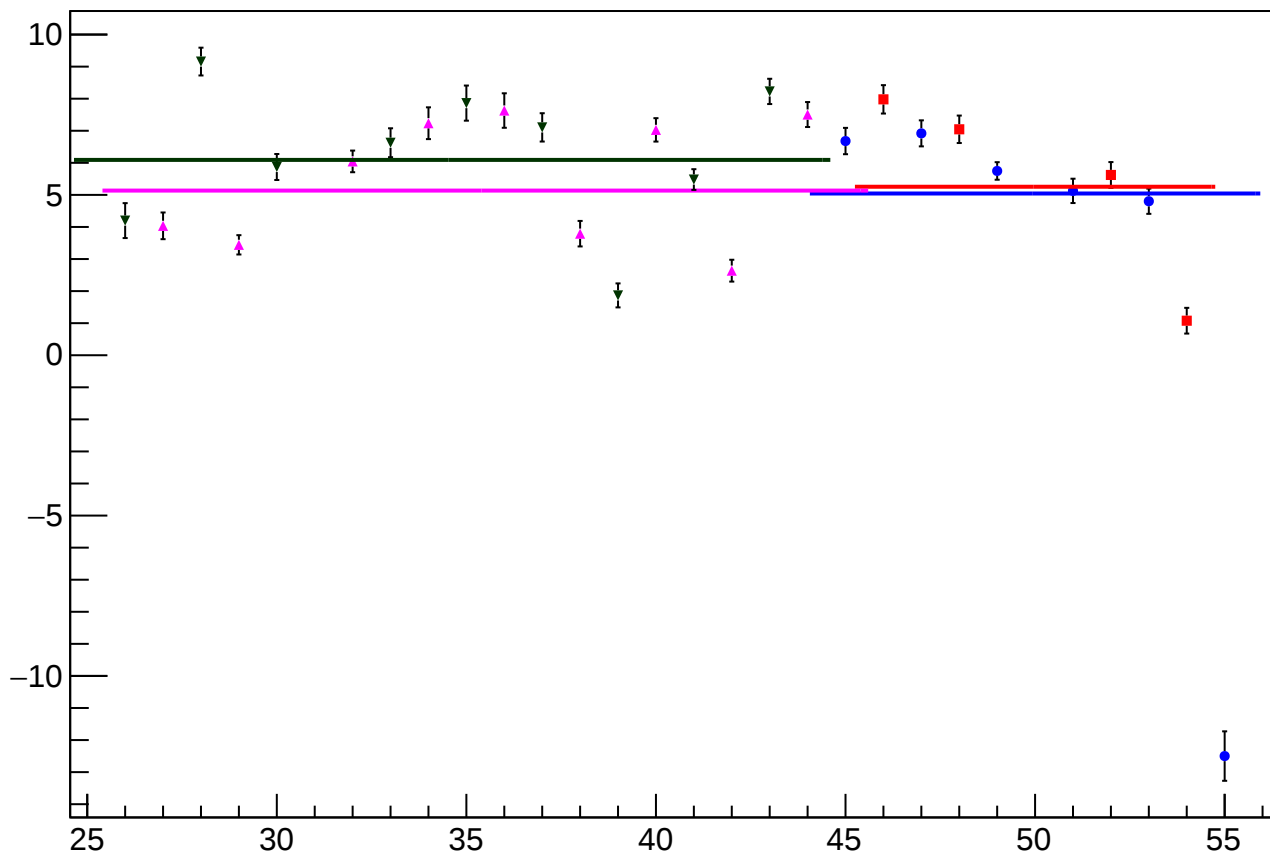
Right Out: -43.200 $\pm$ 0.283 χ^2 /NDF: 690.5/3

Left In: -27.002 $\pm$ 0.171 χ^2 /NDF: 1007.7/8

-35.145 $\pm$ 0.137 χ^2 /NDF: 5093.2/14

-31.335 $\pm$ 0.147 χ^2 /NDF: 4091.6/12

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 5.043 ± 0.157 χ^2/NDF : 561.5/5

Left Out: 6.091 ± 0.140 χ^2/NDF : 240.2/8

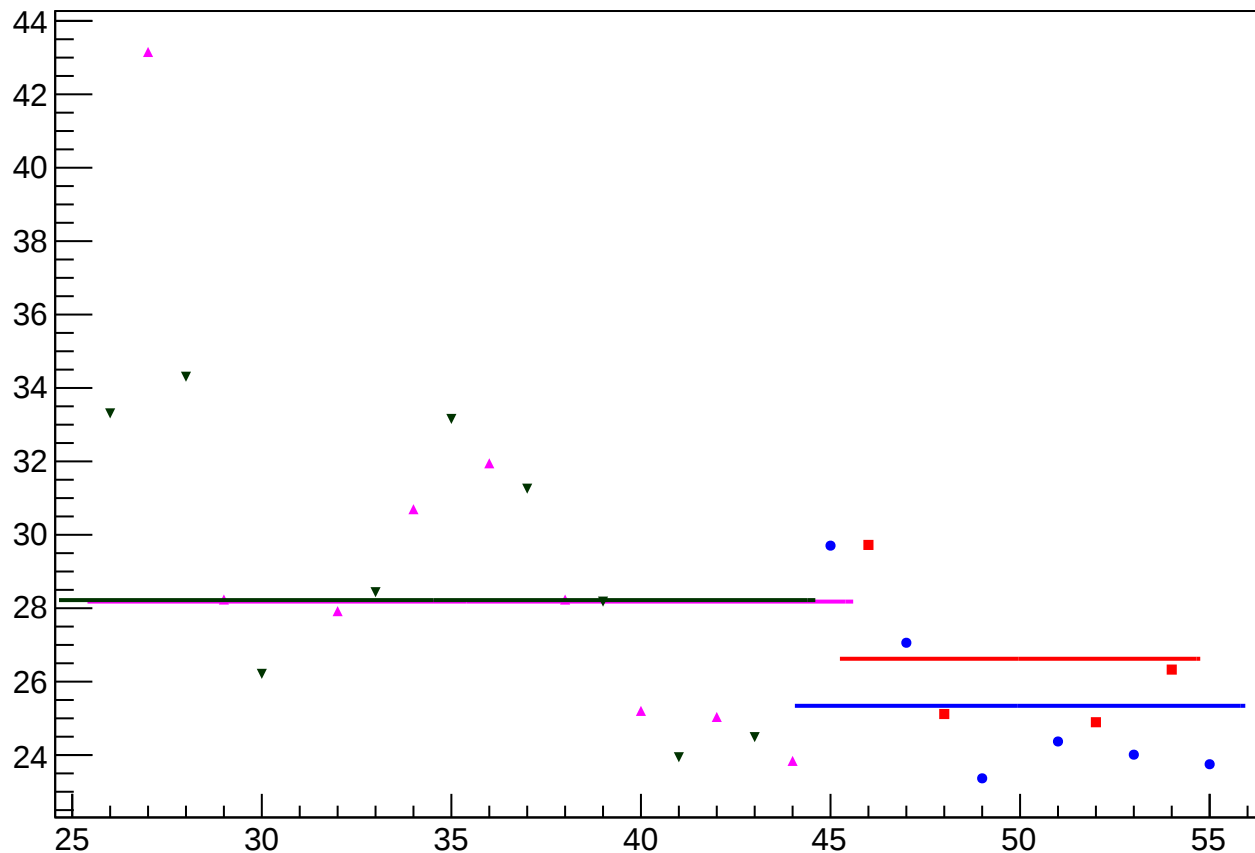
Right Out: 5.254 ± 0.209 χ^2/NDF : 164.7/3

Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

5.629 ± 0.104 χ^2/NDF : 826.5/14

5.167 ± 0.108 χ^2/NDF : 379.4/12

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.341 ± 0.037 χ^2/NDF : 4001.8/5

Left Out: 28.221 ± 0.031 χ^2/NDF : 13048.6/8

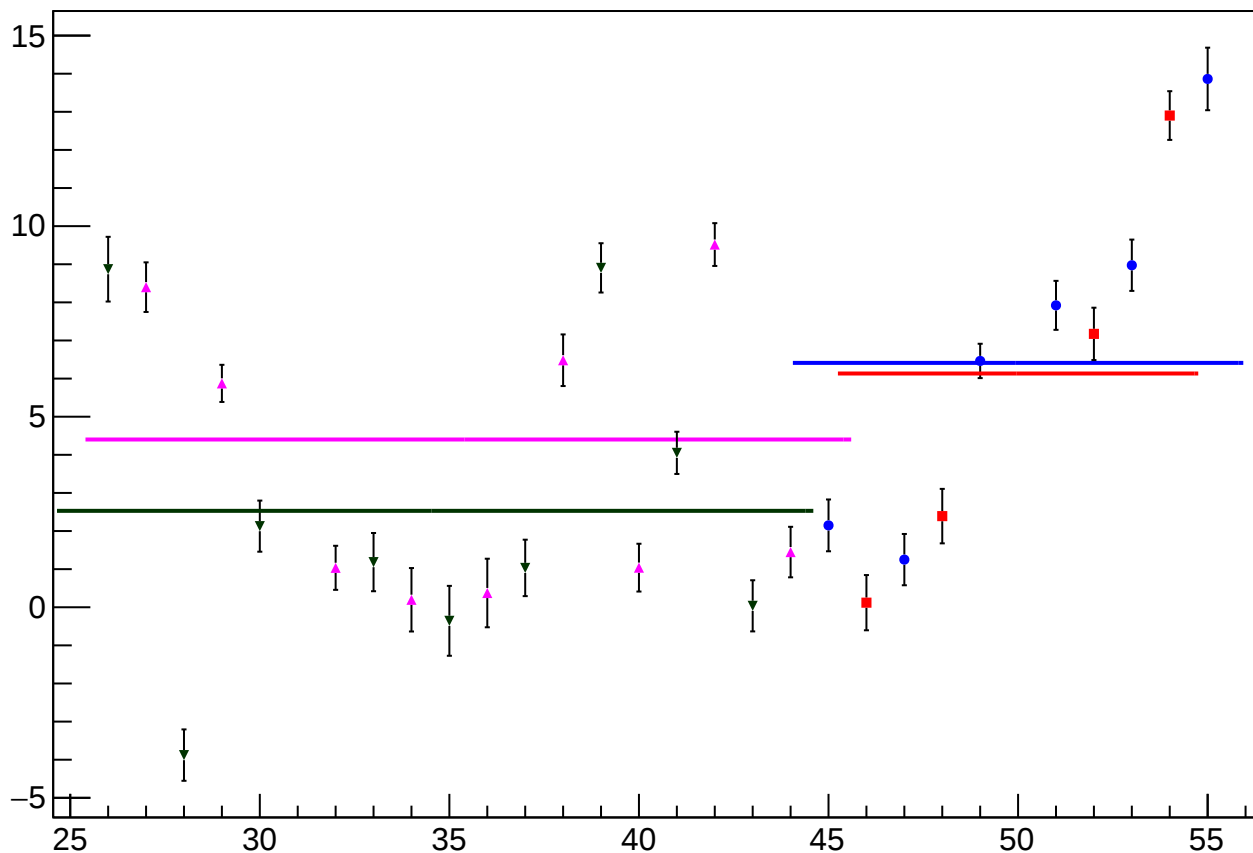
Right Out: 26.623 ± 0.047 χ^2/NDF : 1763.4/3

Left In: 28.180 ± 0.029 χ^2/NDF : 23006.0/8

27.011 ± 0.024 χ^2/NDF : 20623.3/14

27.746 ± 0.025 χ^2/NDF : 25558.5/12

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 6.412 ± 0.255 $\chi^2/\text{NDF}: 200.7/5$

Left Out: 2.530 ± 0.233 $\chi^2/\text{NDF}: 282.1/8$

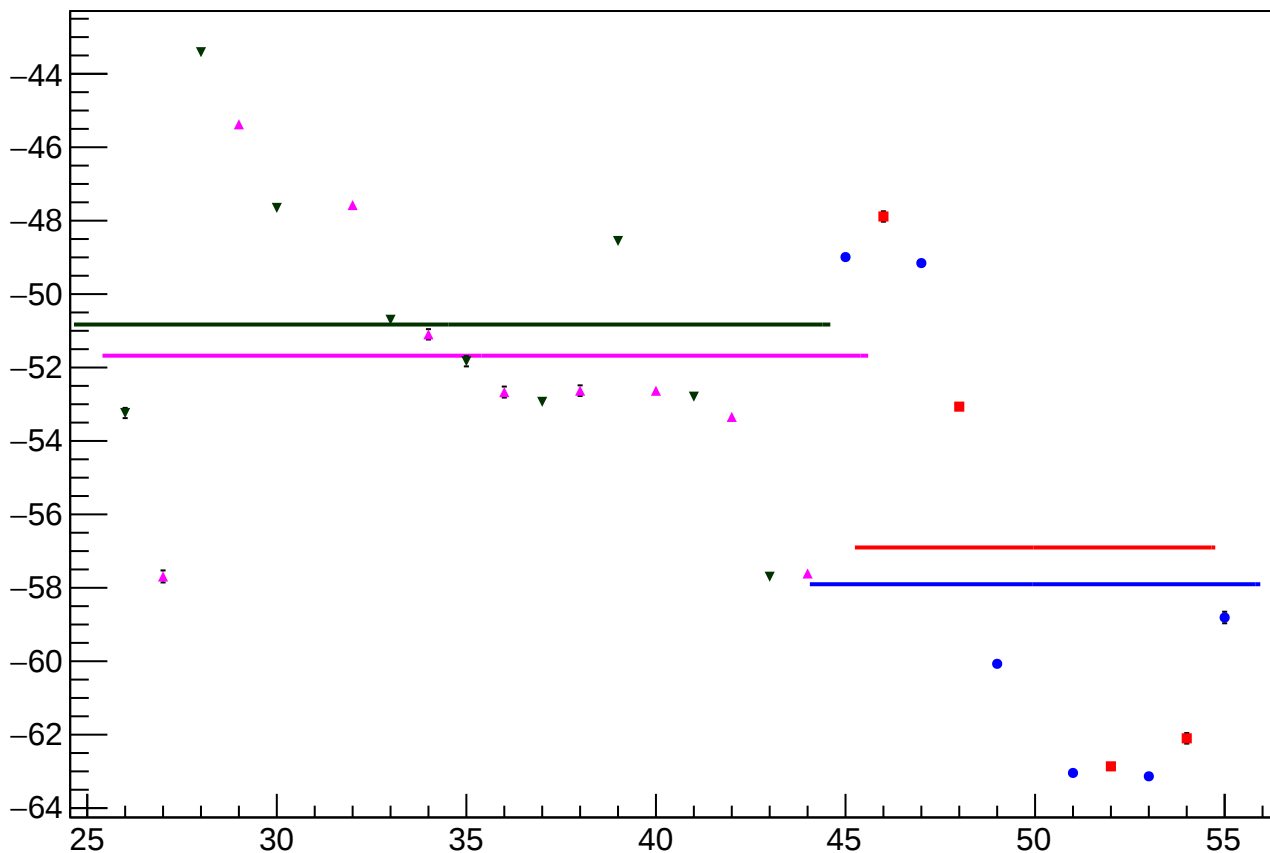
Right Out: 6.134 ± 0.344 $\chi^2/\text{NDF}: 210.7/3$

Left In: 4.402 ± 0.211 $\chi^2/\text{NDF}: 267.4/8$

4.299 ± 0.172 $\chi^2/\text{NDF}: 609.2/14$

4.875 ± 0.180 $\chi^2/\text{NDF}: 496.5/12$

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -57.903+/-0.049 χ^2/NDF : 12974.5/5

Left Out: -50.829+/-0.043 χ^2/NDF : 8463.4/8

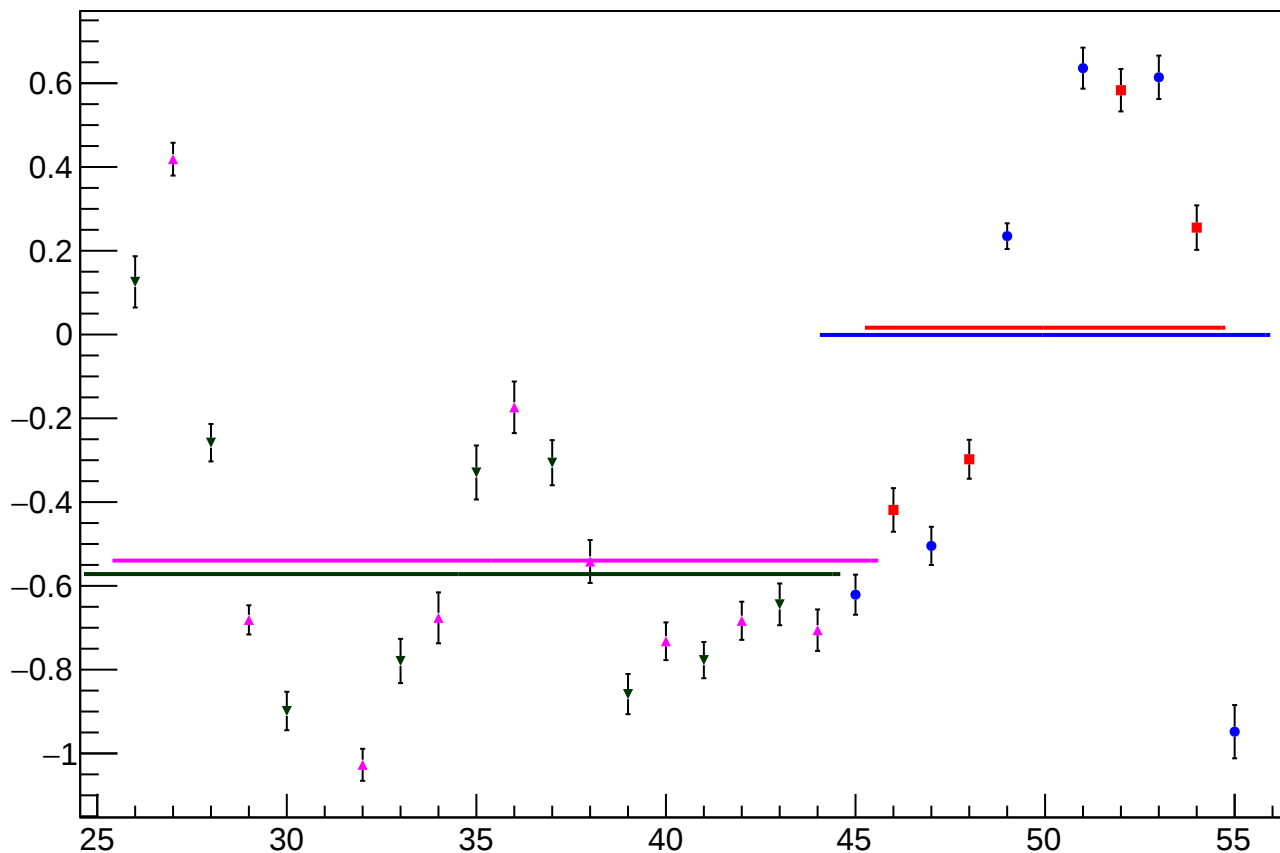
Right Out: -56.901+/-0.066 χ^2/NDF : 8737.3/3

Left In: -51.678+/-0.043 χ^2/NDF : 8311.2/8

-53.881+/-0.032 χ^2/NDF : 33327.9/14

-53.245+/-0.036 χ^2/NDF : 21414.8/12

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.001 ± 0.018 χ^2/NDF : 881.2/5

Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

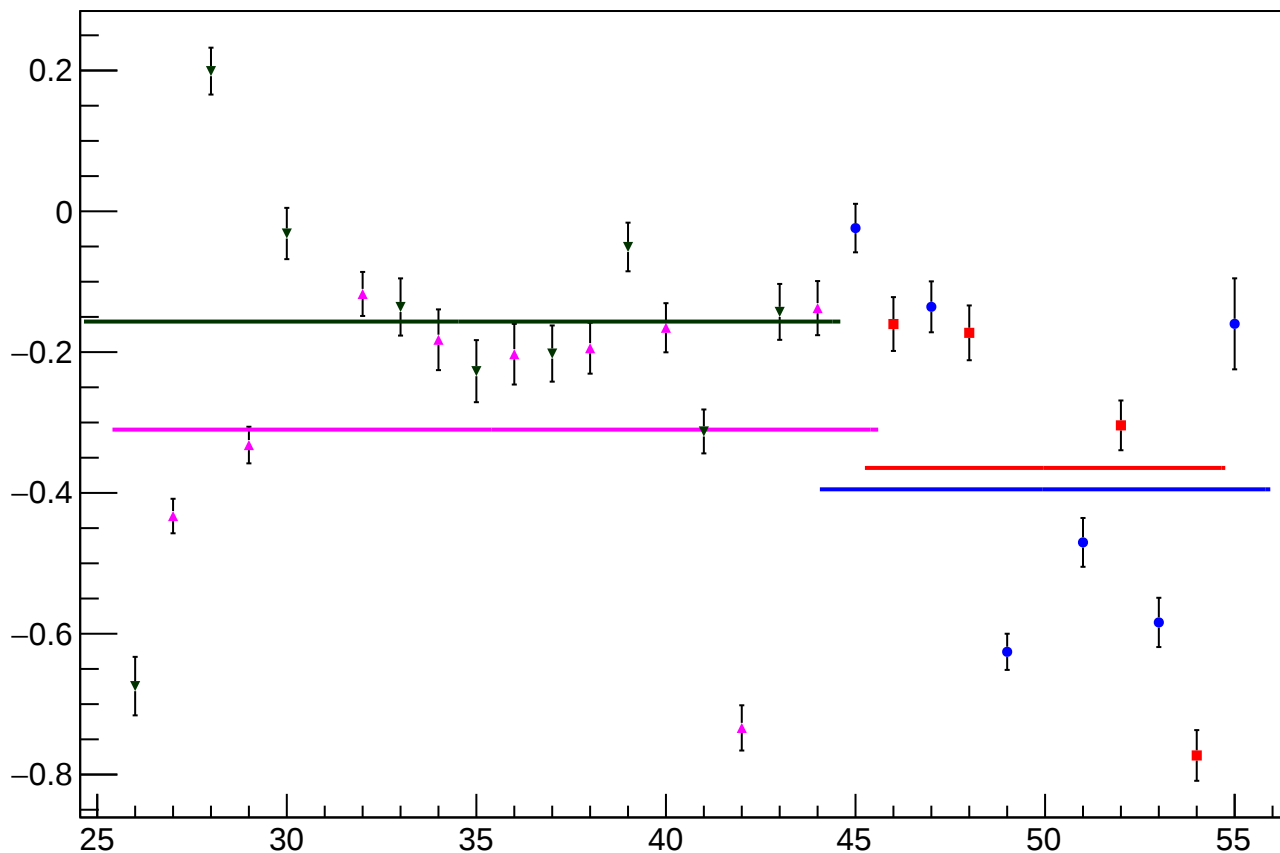
Right Out: 0.016 ± 0.025 χ^2/NDF : 261.3/3

Left In: -0.540 ± 0.015 χ^2/NDF : 857.8/8

-0.310 ± 0.012 χ^2/NDF : 1758.0/14

-0.394 ± 0.013 χ^2/NDF : 1479.2/12

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.395+/-0.014 χ^2/NDF : 295.2/5

Left Out: -0.157+/-0.012 χ^2/NDF : 319.9/8

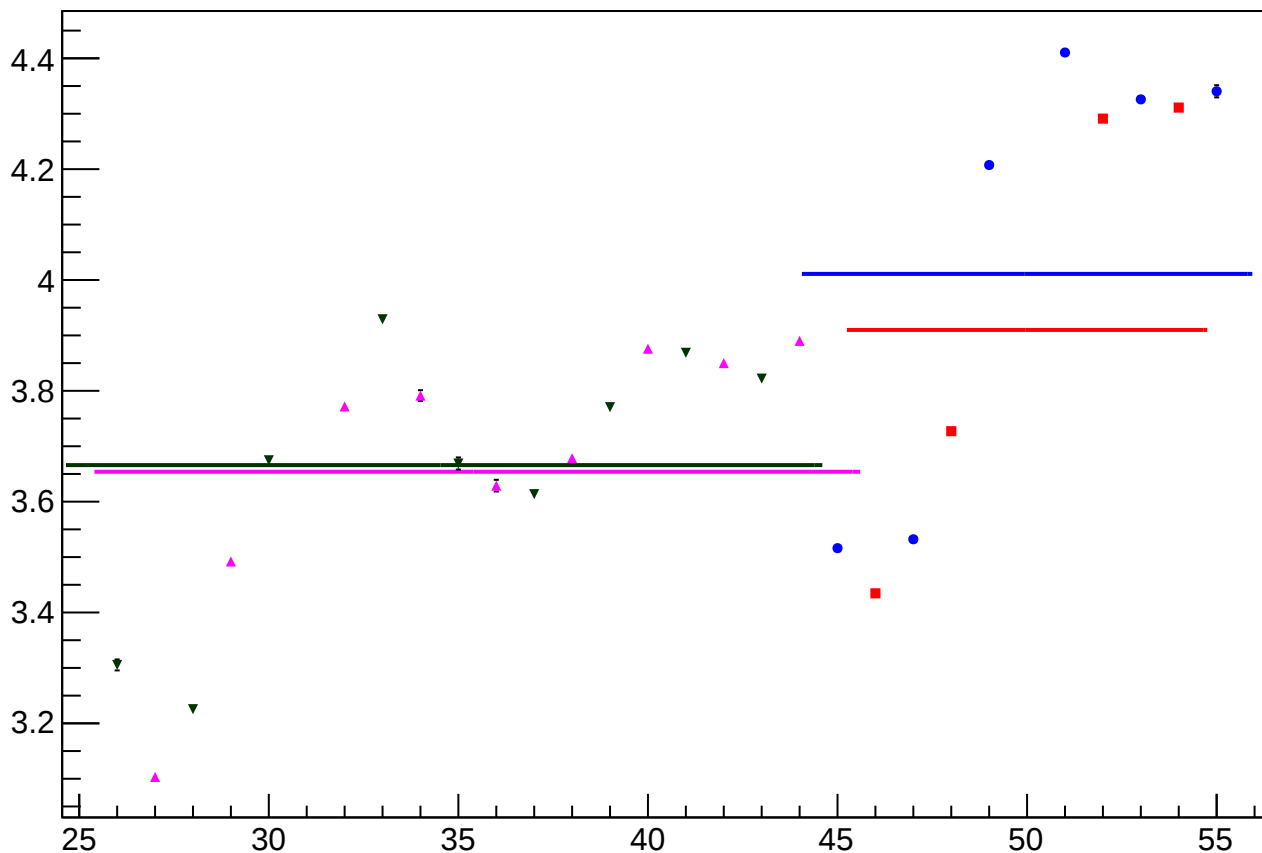
Right Out: -0.364+/-0.019 χ^2/NDF : 184.5/3

Left In: -0.310+/-0.011 χ^2/NDF : 300.2/8

-0.260+/-0.009 χ^2/NDF : 775.7/14

-0.324+/-0.009 χ^2/NDF : 491.1/12

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 4.011 $\pm$ 0.003 χ^2 /NDF: 13305.7/5

Left Out: 3.666 $\pm$ 0.003 χ^2 /NDF: 6812.1/8

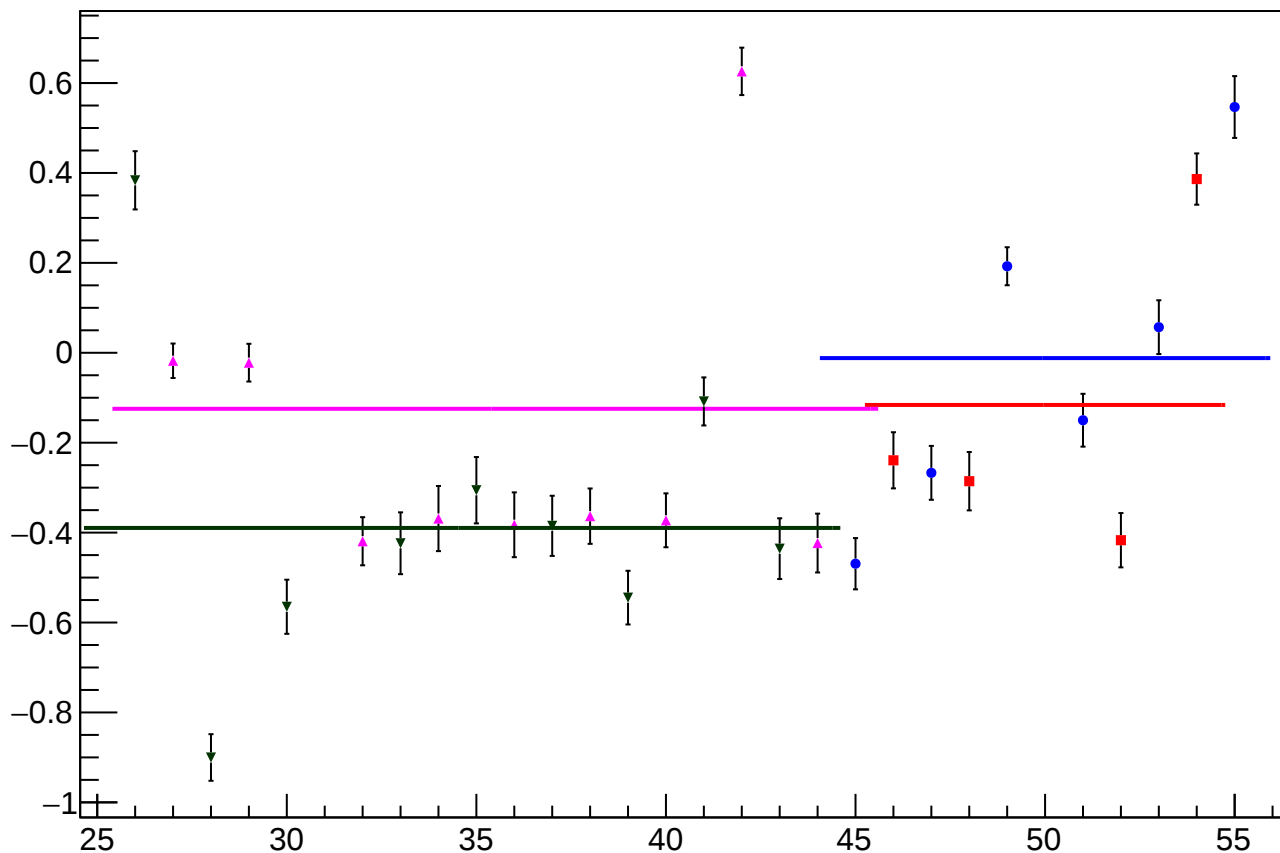
Right Out: 3.910 $\pm$ 0.004 χ^2 /NDF: 8217.8/3

Left In: 3.654 $\pm$ 0.003 χ^2 /NDF: 9614.0/8

3.812 $\pm$ 0.002 χ^2 /NDF: 26520.5/14

3.724 $\pm$ 0.002 χ^2 /NDF: 20536.1/12

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.012 $\pm$ 0.023 χ^2 /NDF: 178.6/5

Left Out: -0.390 $\pm$ 0.021 χ^2 /NDF: 284.3/8

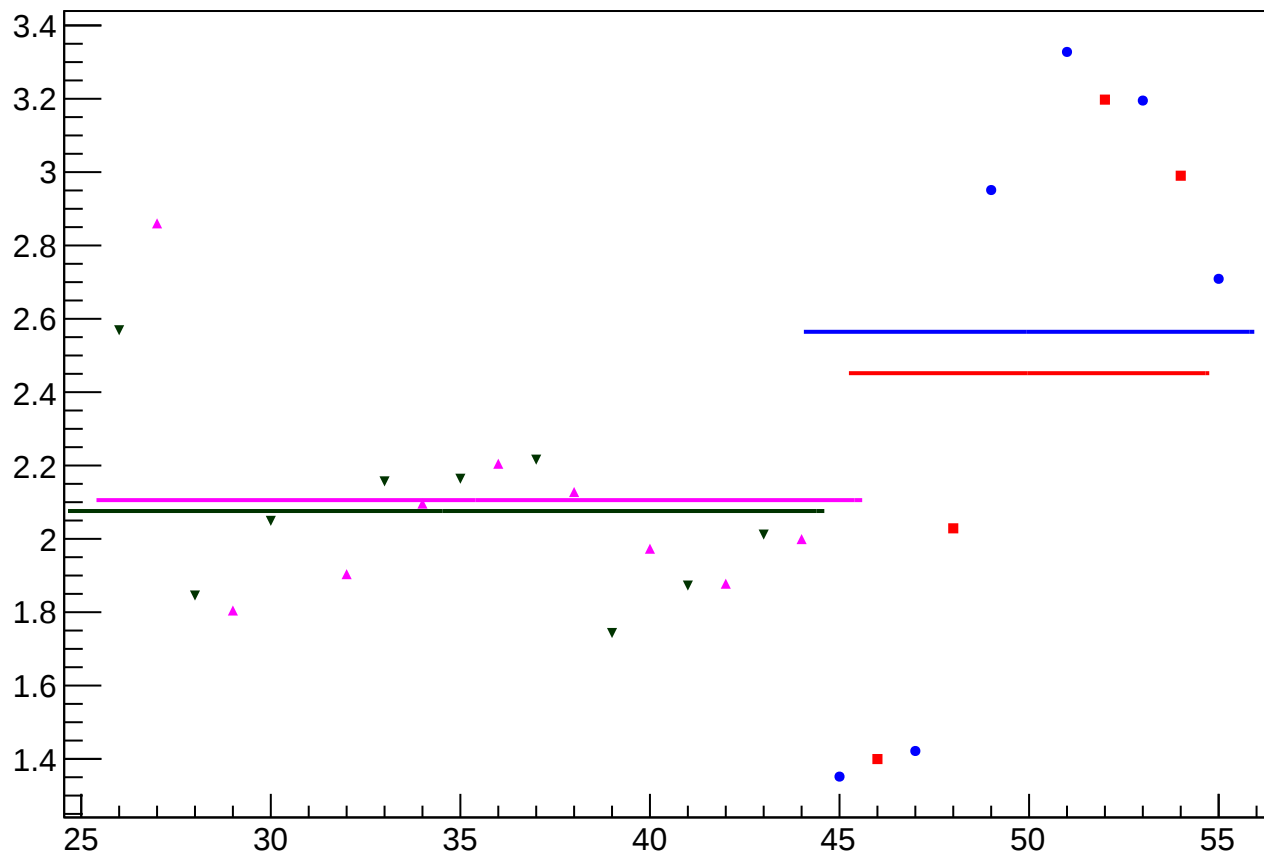
Right Out: -0.116 $\pm$ 0.030 χ^2 /NDF: 113.1/3

Left In: -0.125 $\pm$ 0.018 χ^2 /NDF: 323.9/8

-0.220 $\pm$ 0.015 χ^2 /NDF: 614.2/14

-0.122 $\pm$ 0.015 χ^2 /NDF: 437.0/12

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.565+/-0.004 χ^2/NDF : 31167.8/5

Left Out: 2.076+/-0.004 χ^2/NDF : 4099.9/8

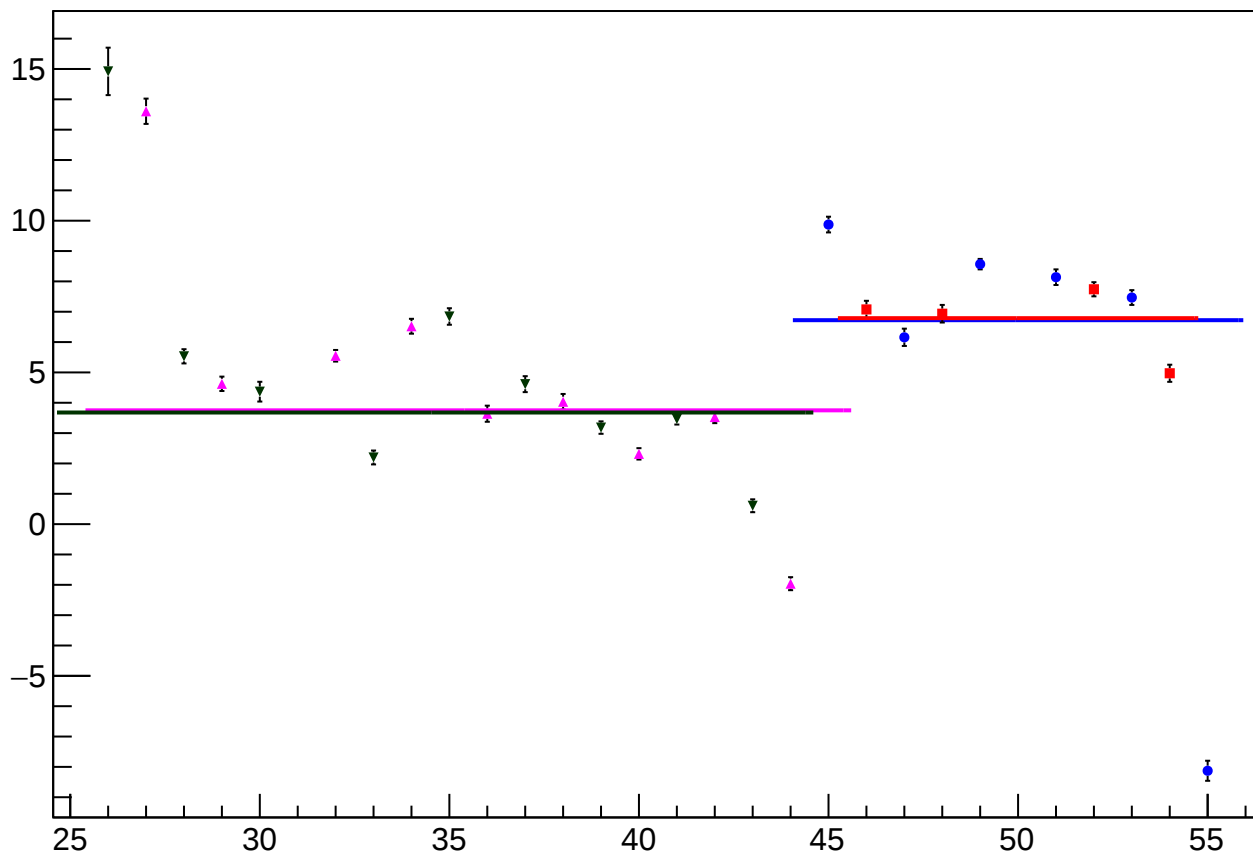
Right Out: 2.452+/-0.006 χ^2/NDF : 15561.9/3

Left In: 2.106+/-0.004 χ^2/NDF : 7840.2/8

2.281+/-0.003 χ^2/NDF : 42506.3/14

2.207+/-0.003 χ^2/NDF : 25887.3/12

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 6.721+/-0.099 χ^2/NDF : 2323.2/5

Left Out: 3.679+/-0.081 χ^2/NDF : 680.5/8

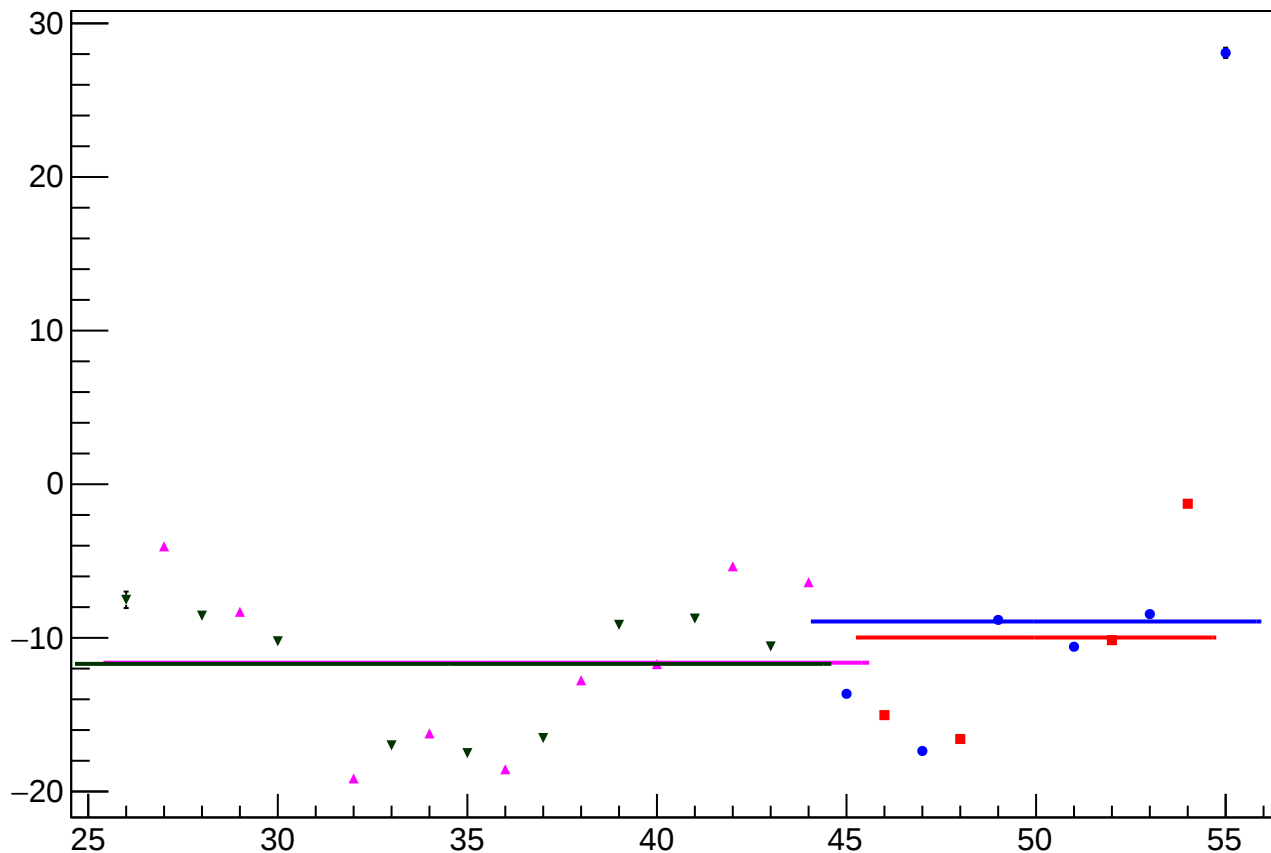
Right Out: 6.788+/-0.135 χ^2/NDF : 59.5/3

Left In: 3.750+/-0.076 χ^2/NDF : 1559.7/8

4.896+/-0.063 χ^2/NDF : 3569.2/14

4.491+/-0.066 χ^2/NDF : 2004.7/12

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -8.934+/-0.077 χ^2/NDF : 14196.2/5

Left Out: -11.693+/-0.060 χ^2/NDF : 3755.5/8

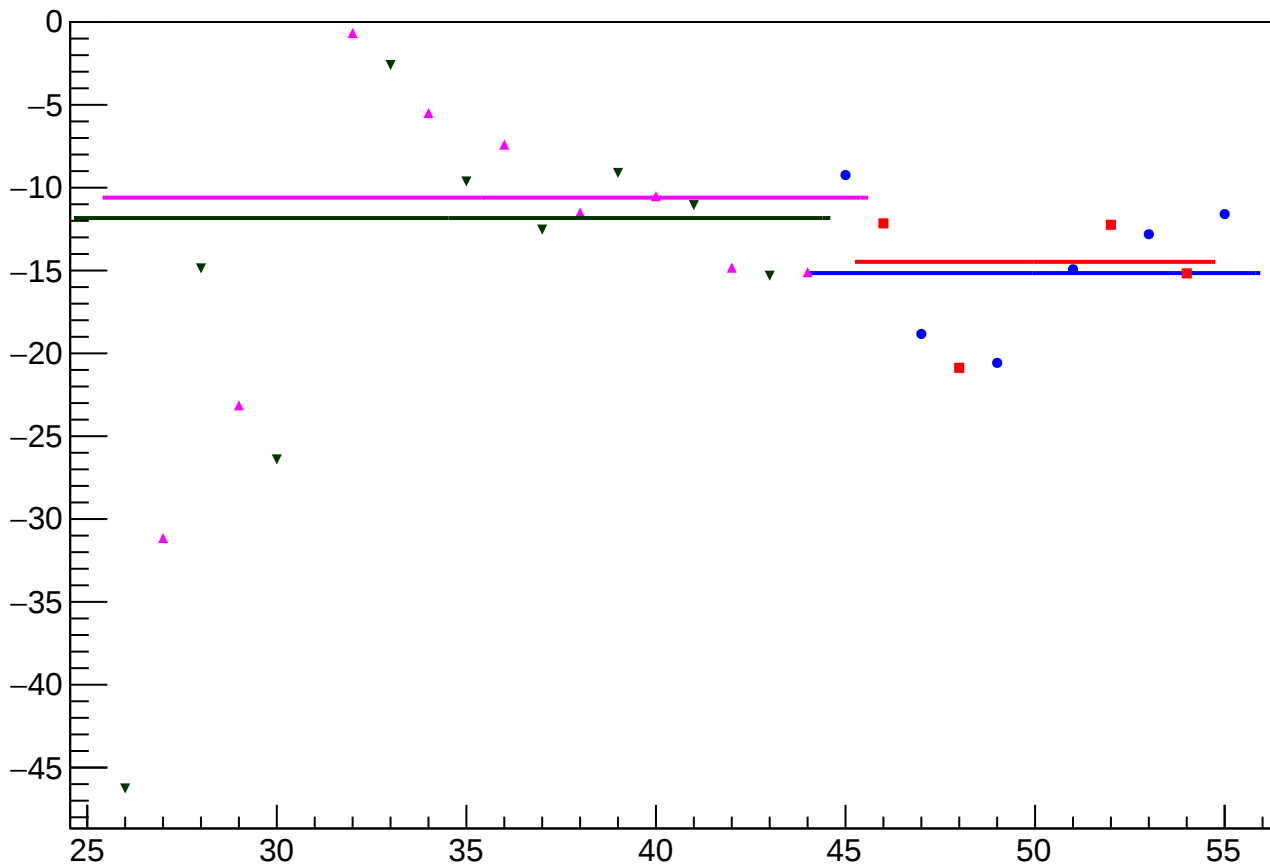
Right Out: -9.978+/-0.098 χ^2/NDF : 3368.8/3

Left In: -11.617+/-0.057 χ^2/NDF : 8593.0/8

-10.644+/-0.047 χ^2/NDF : 18755.2/14

-11.205+/-0.049 χ^2/NDF : 12172.3/12

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -15.154 $\pm$ 0.018 χ^2 /NDF: 56757.7/5

Left Out: -11.832 $\pm$ 0.014 χ^2 /NDF: 233309.0/8

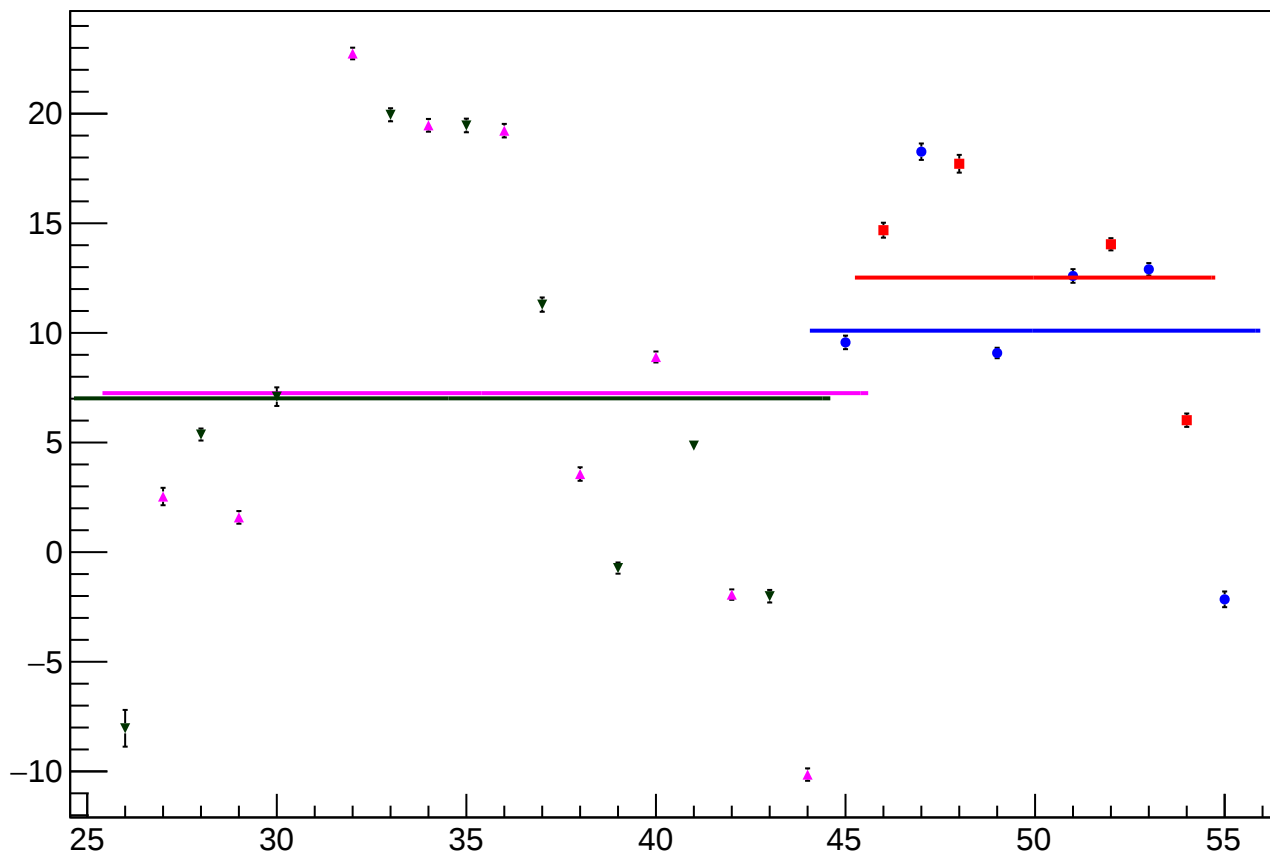
Right Out: -14.475 $\pm$ 0.022 χ^2 /NDF: 21031.3/3

Left In: -10.602 $\pm$ 0.013 χ^2 /NDF: 320496.8/8

-13.044 $\pm$ 0.011 χ^2 /NDF: 312116.9/14

-11.568 $\pm$ 0.011 χ^2 /NDF: 364085.4/12

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 10.102 $\pm$ 0.124 χ^2 /NDF: 1824.9/5

Left Out: 7.015 $\pm$ 0.101 χ^2 /NDF: 6009.5/8

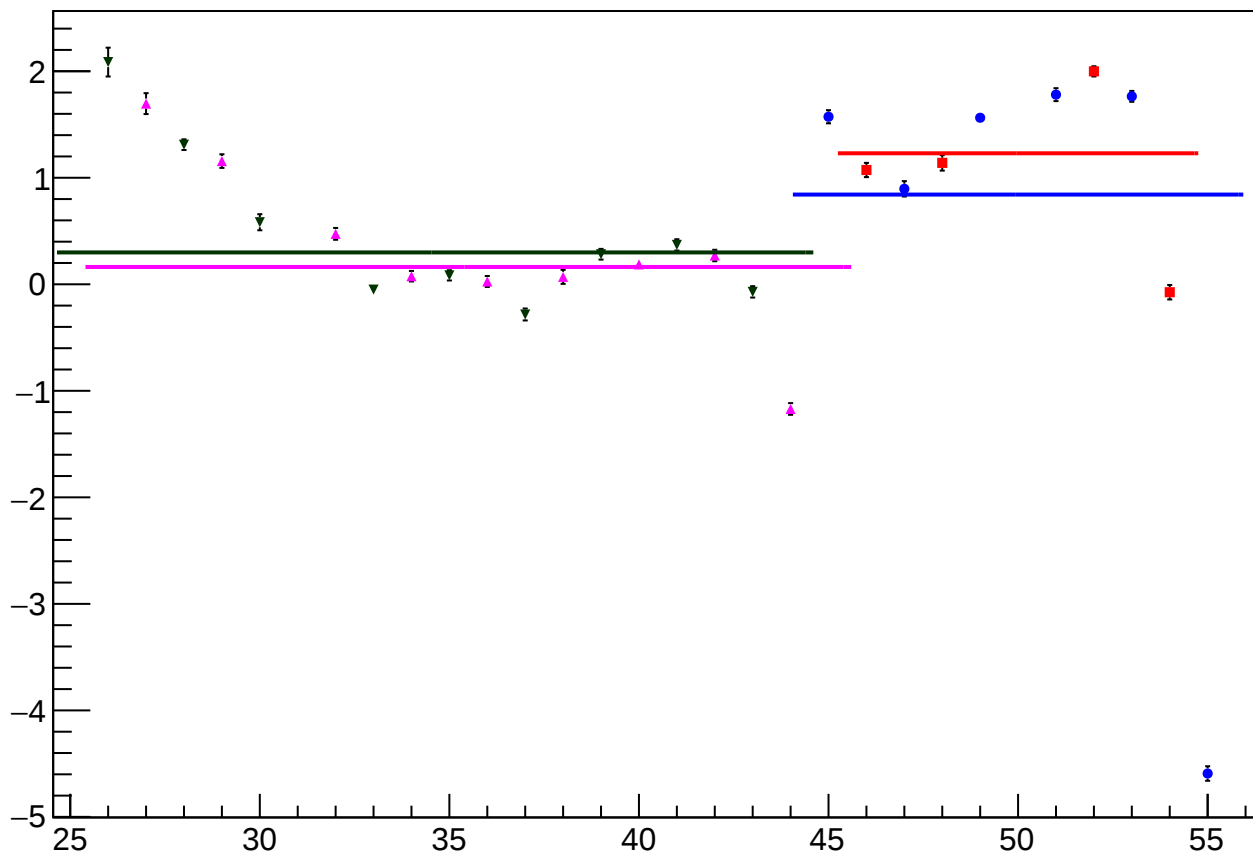
Right Out: 12.523 $\pm$ 0.162 χ^2 /NDF: 688.2/3

Left In: 7.253 $\pm$ 0.095 χ^2 /NDF: 12650.2/8

8.248 $\pm$ 0.078 χ^2 /NDF: 8209.5/14

8.600 $\pm$ 0.082 χ^2 /NDF: 14130.7/12

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.842 ± 0.023 χ^2/NDF : 7289.8/5

Left Out: 0.299 ± 0.018 χ^2/NDF : 829.4/8

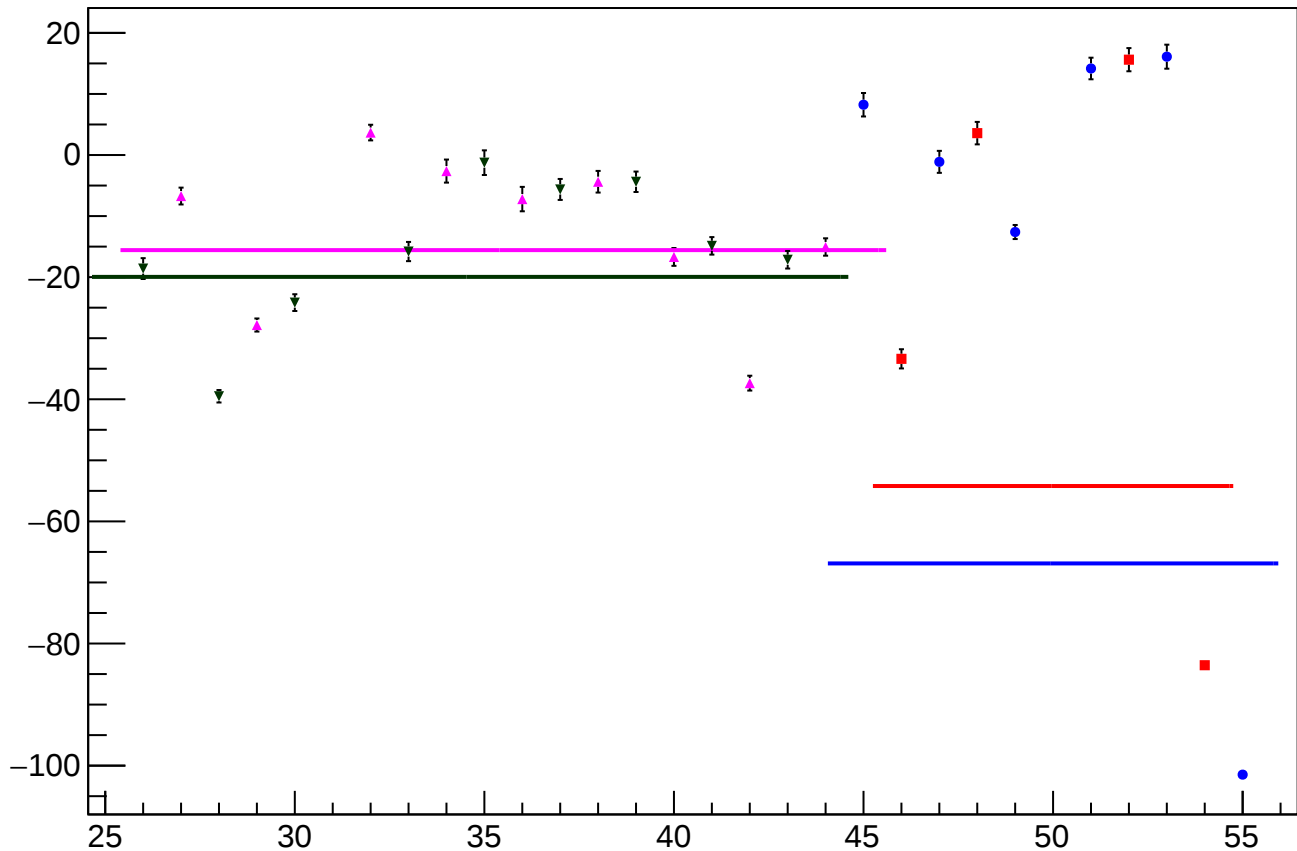
Right Out: 1.230 ± 0.031 χ^2/NDF : 630.3/3

Left In: 0.163 ± 0.019 χ^2/NDF : 1123.4/8

0.506 ± 0.015 χ^2/NDF : 8450.3/14

0.450 ± 0.016 χ^2/NDF : 2636.2/12

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -66.883+/-0.421 χ^2/NDF : 13417.9/5

Left Out: -19.957+/-0.491 χ^2/NDF : 641.8/8

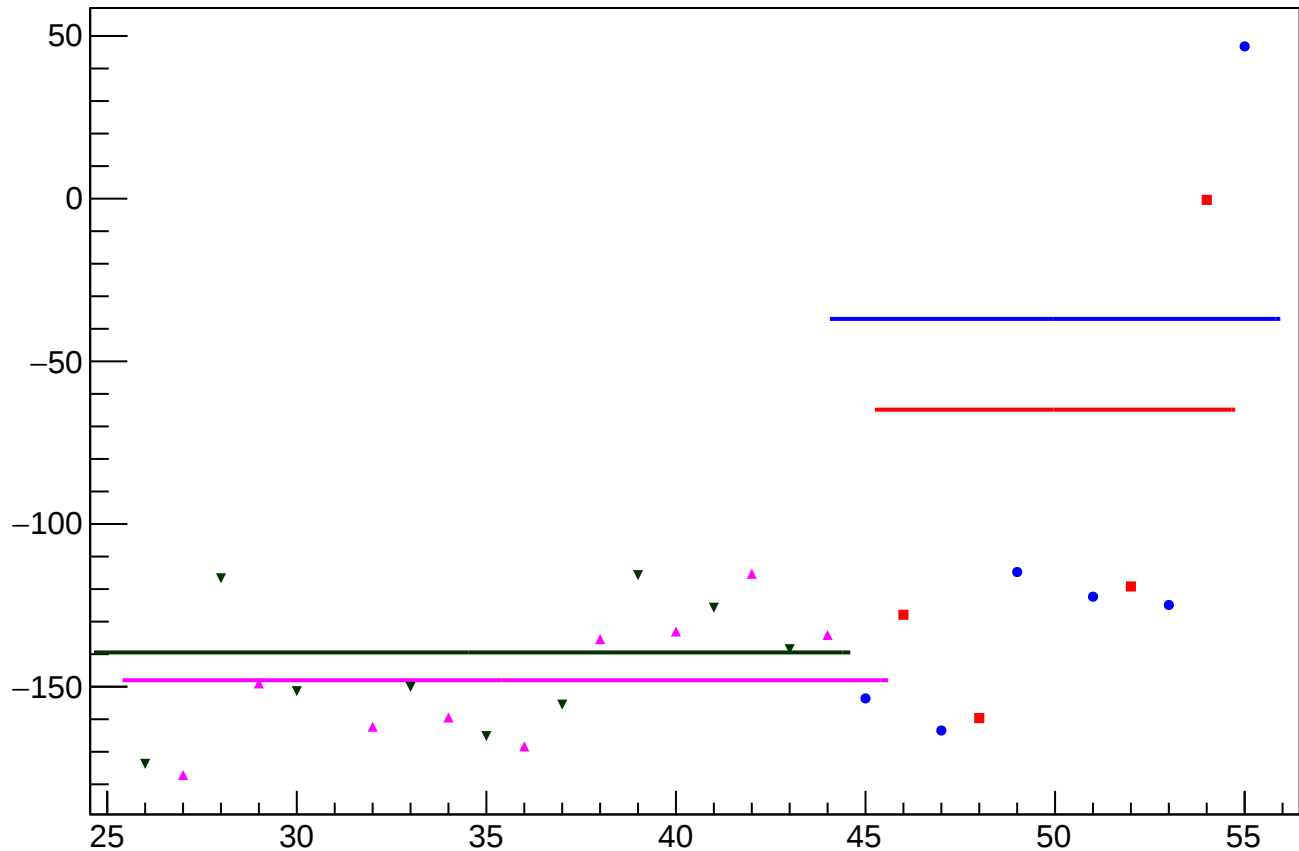
Right Out: -54.206+/-0.632 χ^2/NDF : 3832.9/3

Left In: -15.574+/-0.472 χ^2/NDF : 824.1/8

-46.989+/-0.320 χ^2/NDF : 19322.1/14

-29.406+/-0.378 χ^2/NDF : 7059.0/12

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -36.954 $\pm$ 0.385 χ^2 /NDF: 54925.1/5

Left Out: -139.468 $\pm$ 0.373 χ^2 /NDF: 2867.0/8

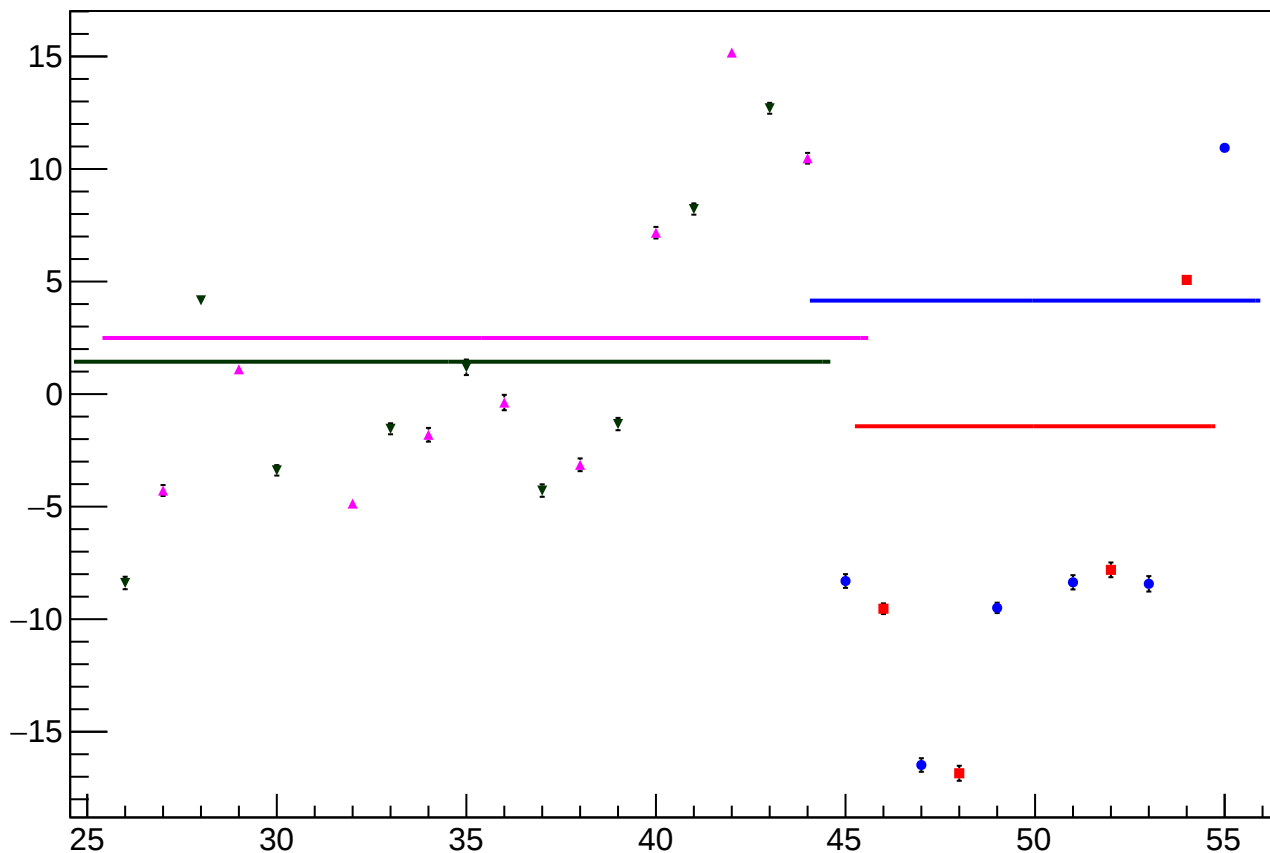
Right Out: -64.852 $\pm$ 0.551 χ^2 /NDF: 14905.5/3

Left In: -148.012 $\pm$ 0.348 χ^2 /NDF: 3260.5/8

-89.832 $\pm$ 0.268 χ^2 /NDF: 94448.0/14

-124.327 $\pm$ 0.294 χ^2 /NDF: 34428.6/12

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 4.154 ± 0.074 χ^2/NDF : 18472.7/5

Left Out: 1.438 ± 0.083 χ^2/NDF : 5473.4/8

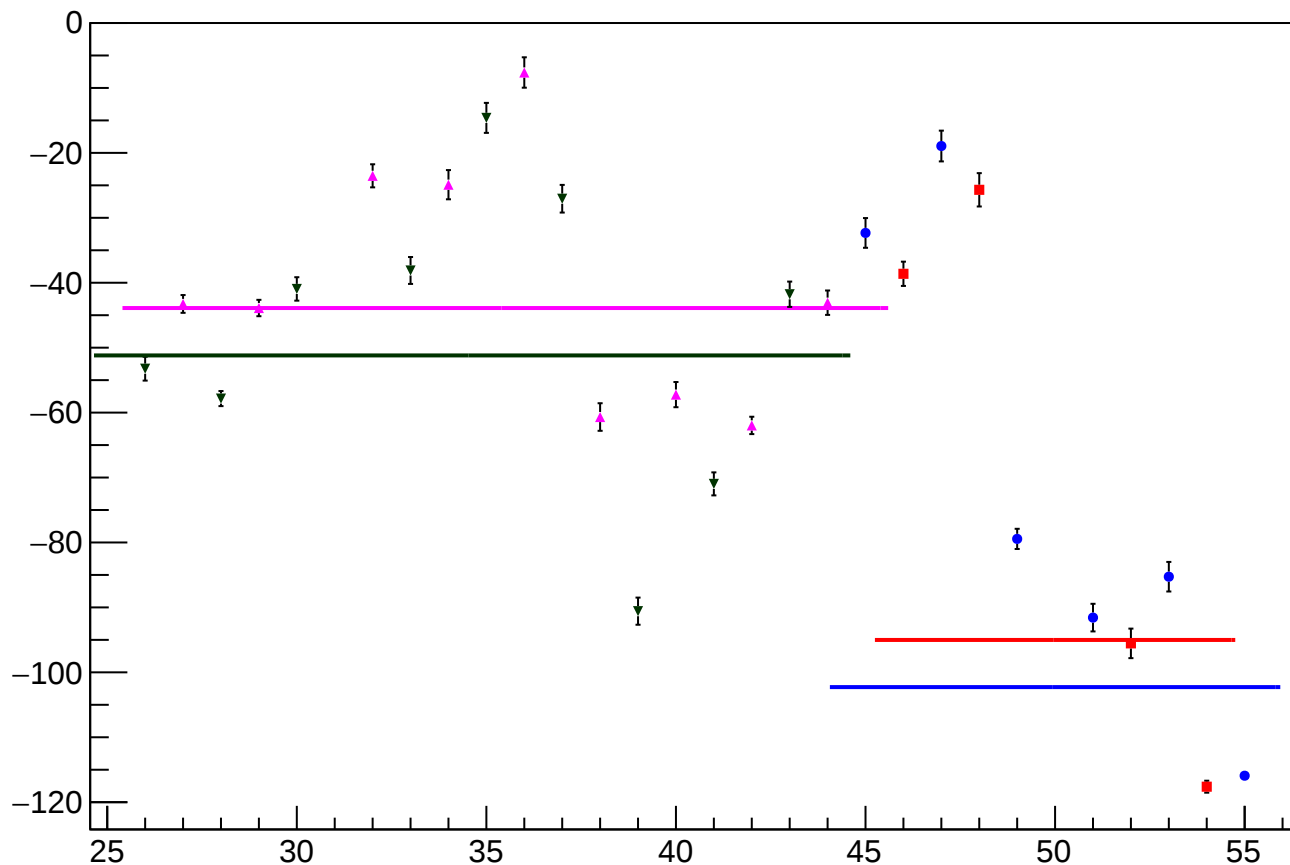
Right Out: -1.429 ± 0.106 χ^2/NDF : 5881.5/3

Left In: 2.493 ± 0.081 χ^2/NDF : 7773.3/8

2.955 ± 0.055 χ^2/NDF : 24543.6/14

1.051 ± 0.065 χ^2/NDF : 14513.8/12

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -102.274+/-0.478 χ^2 /NDF: 3058.0/5

Left Out: -51.194+/-0.598 χ^2 /NDF:988.3/8

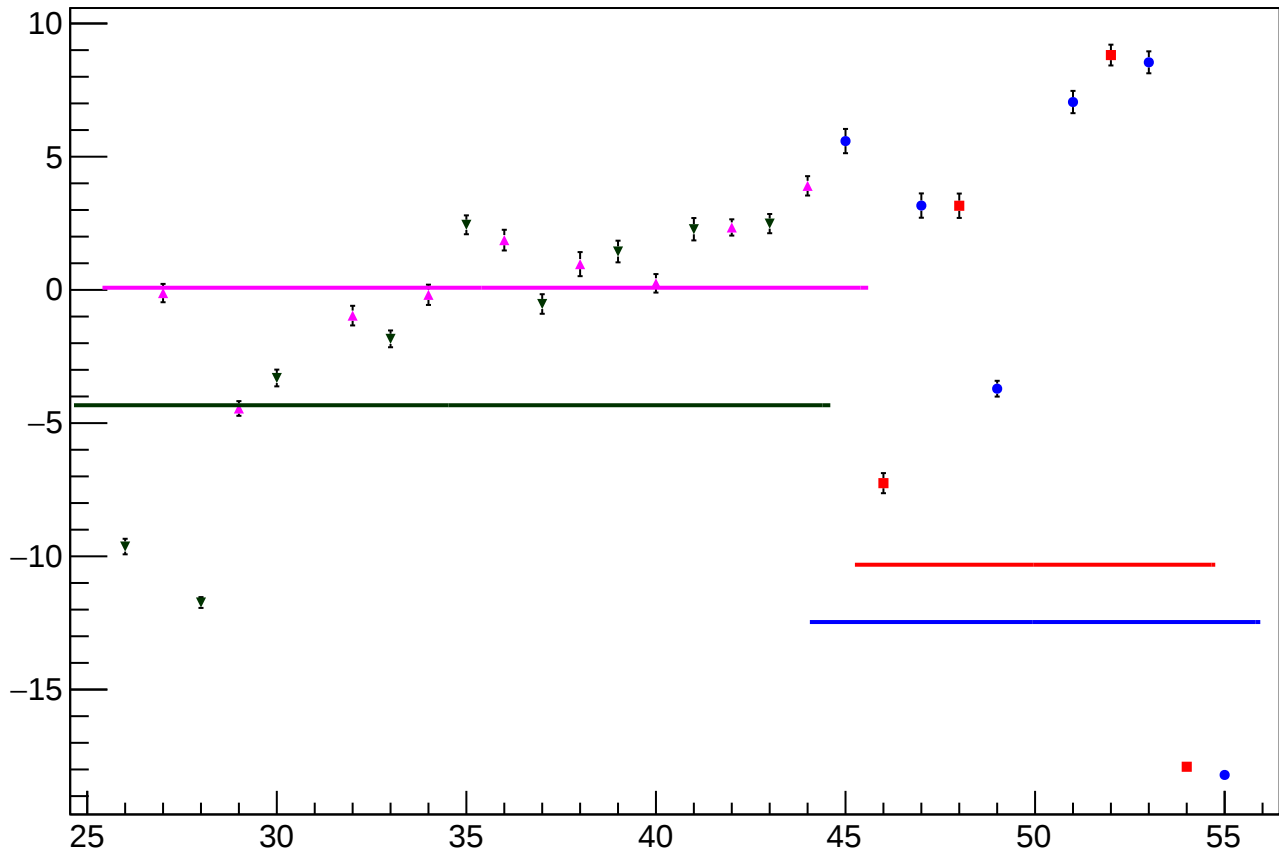
Right Out: -95.013+/-0.744 χ^2 /NDF: 2238.5/3

Left In: -43.896+/-0.560 χ^2 /NDF:735.5/8

-82.330+/-0.374 χ^2 /NDF: 8495.8/14

-62.376+/-0.447 χ^2 /NDF: 5986.5/12

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -12.466+/-0.092 χ^2/NDF : 11247.5/5

Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

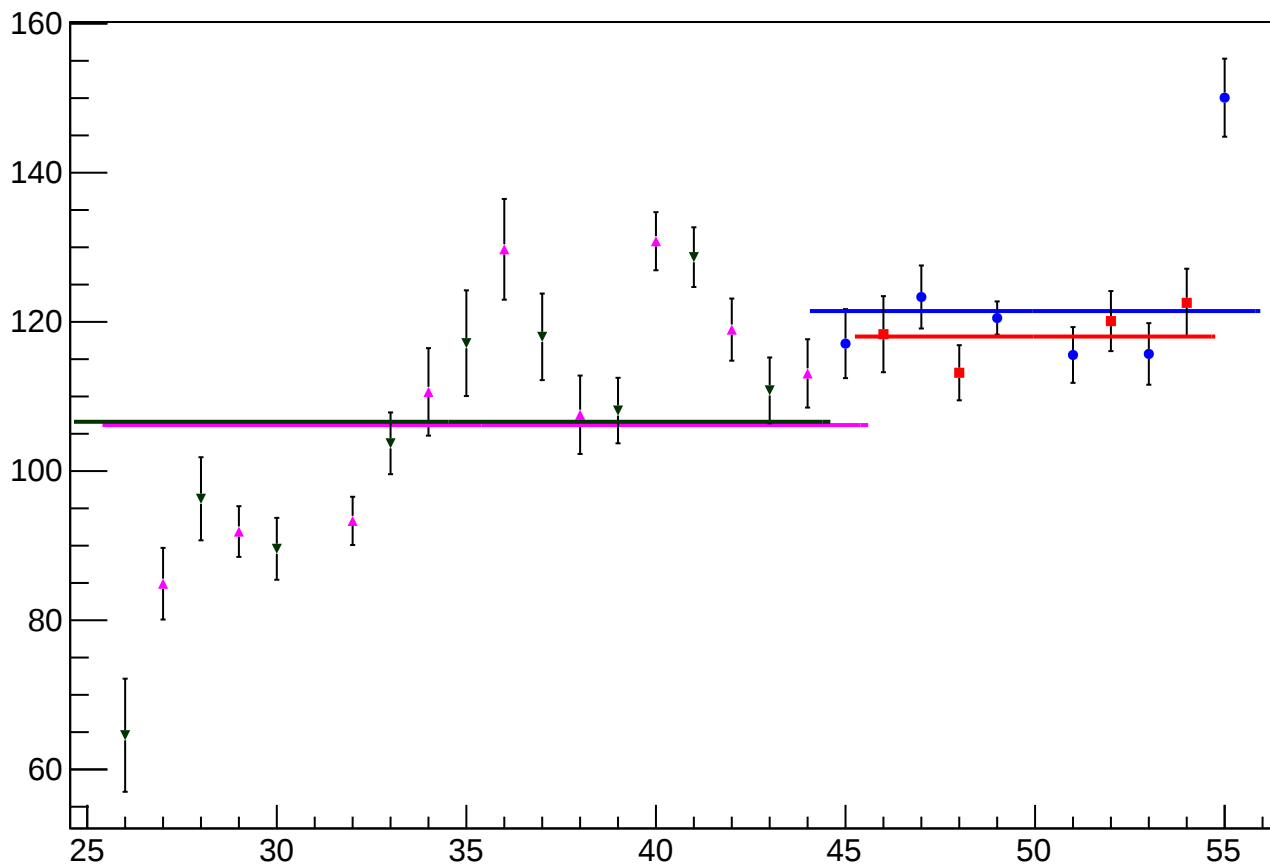
Right Out: -10.315+/-0.147 χ^2/NDF : 4939.7/3

Left In: 0.081+/-0.116 χ^2/NDF : 470.0/8

-8.944+/-0.069 χ^2/NDF : 17678.8/14

-3.918+/-0.091 χ^2/NDF : 8486.4/12

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 121.452 $\pm$ 1.456 χ^2 /NDF: 35.6/5

Left Out: 106.609 $\pm$ 1.619 χ^2 /NDF: 89.0/8

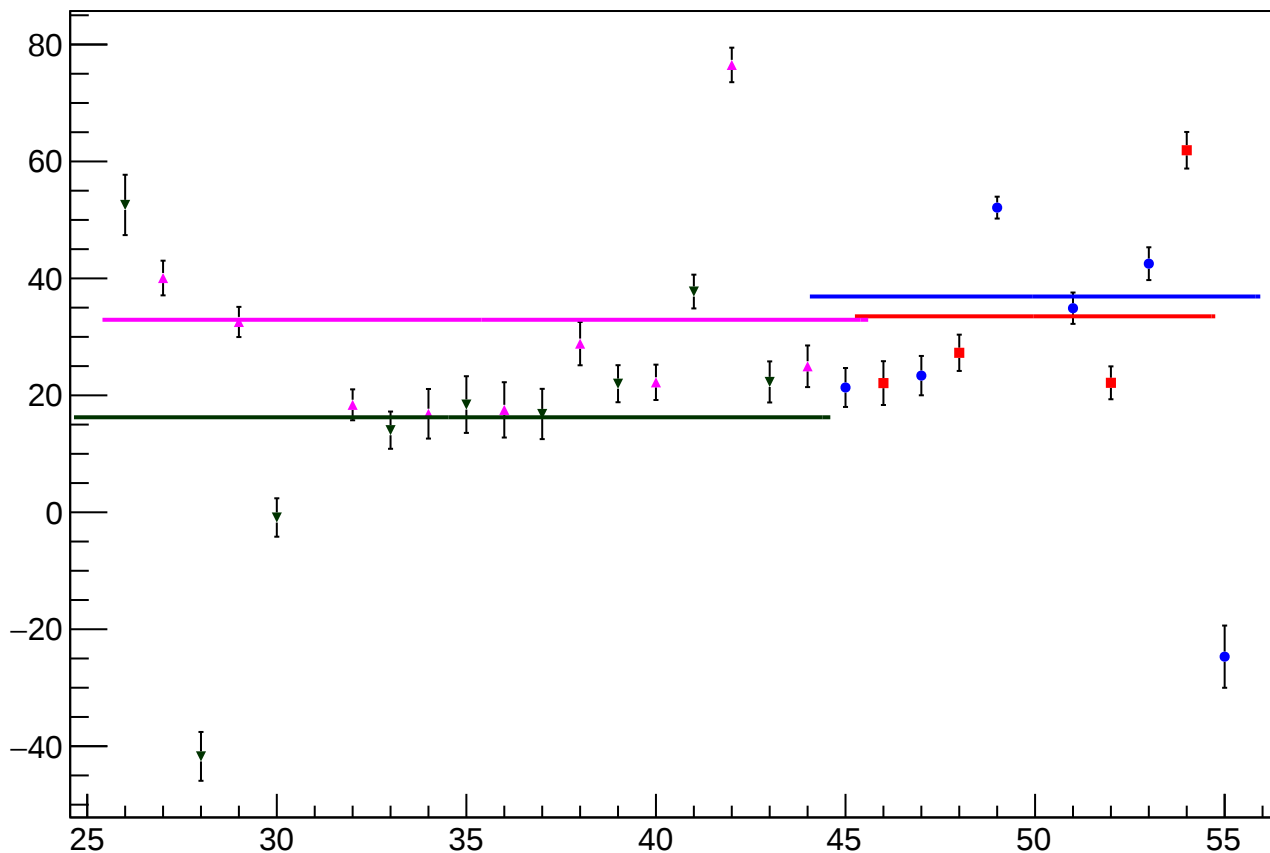
Right Out: 118.037 $\pm$ 1.227 χ^2 /NDF: 3.0/3

Left In: 106.172 $\pm$ 1.438 χ^2 /NDF: 117.6/8

114.815 $\pm$ 1.083 χ^2 /NDF: 171.0/14

109.893 $\pm$ 1.191 χ^2 /NDF: 141.9/12

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 36.905+/-1.143 χ^2 /NDF: 242.6/5

Left Out: 16.249+/-1.210 χ^2 /NDF:332.0/8

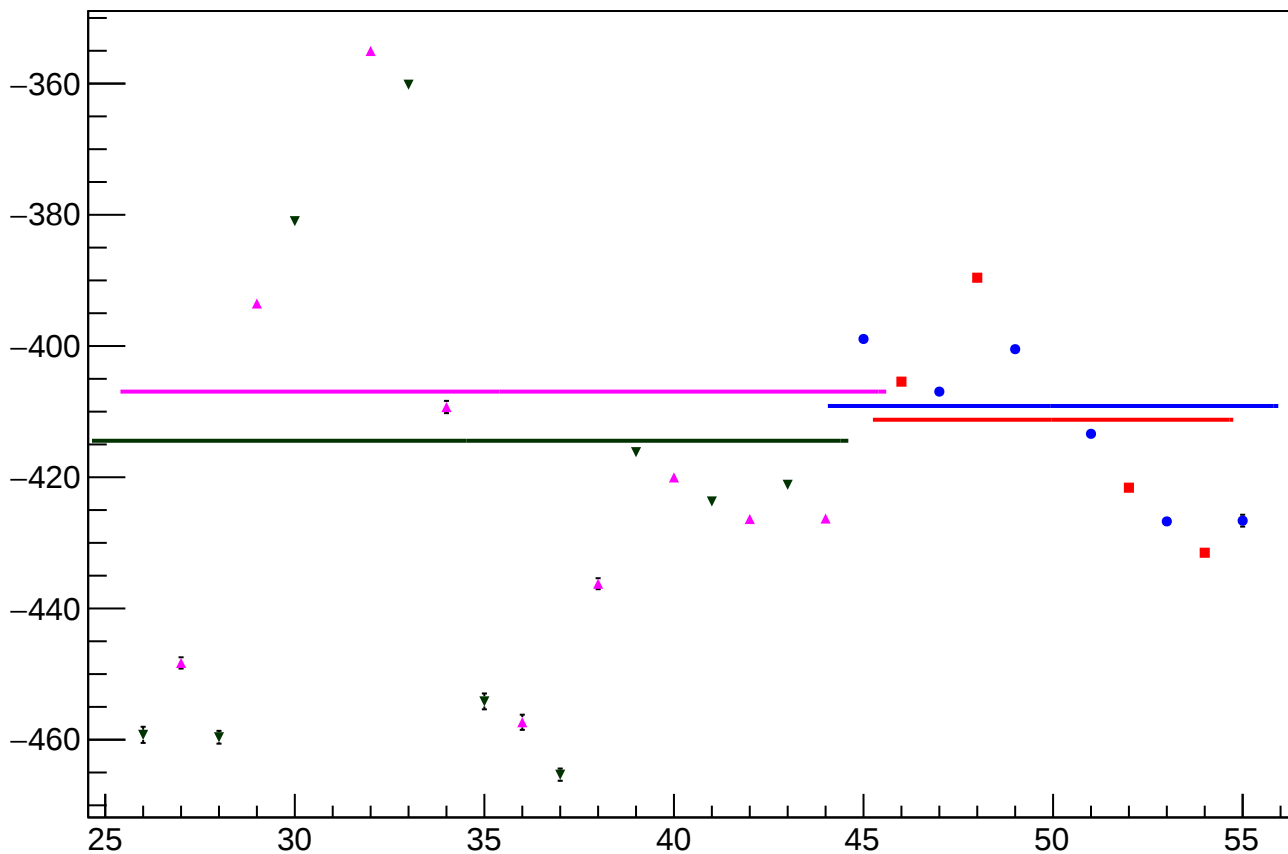
Right Out: 33.514+/-1.574 χ^2 /NDF: 112.0/3

Left In: 32.924+/-1.064 χ^2 /NDF:297.8/8

27.164+/-0.831 χ^2 /NDF: 728.6/14

33.109+/-0.881 χ^2 /NDF: 409.9/12

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -409.138+/-0.268 χ^2/NDF : 1566.9/5

Left Out: -414.439+/-0.270 χ^2/NDF : 17107.4/8

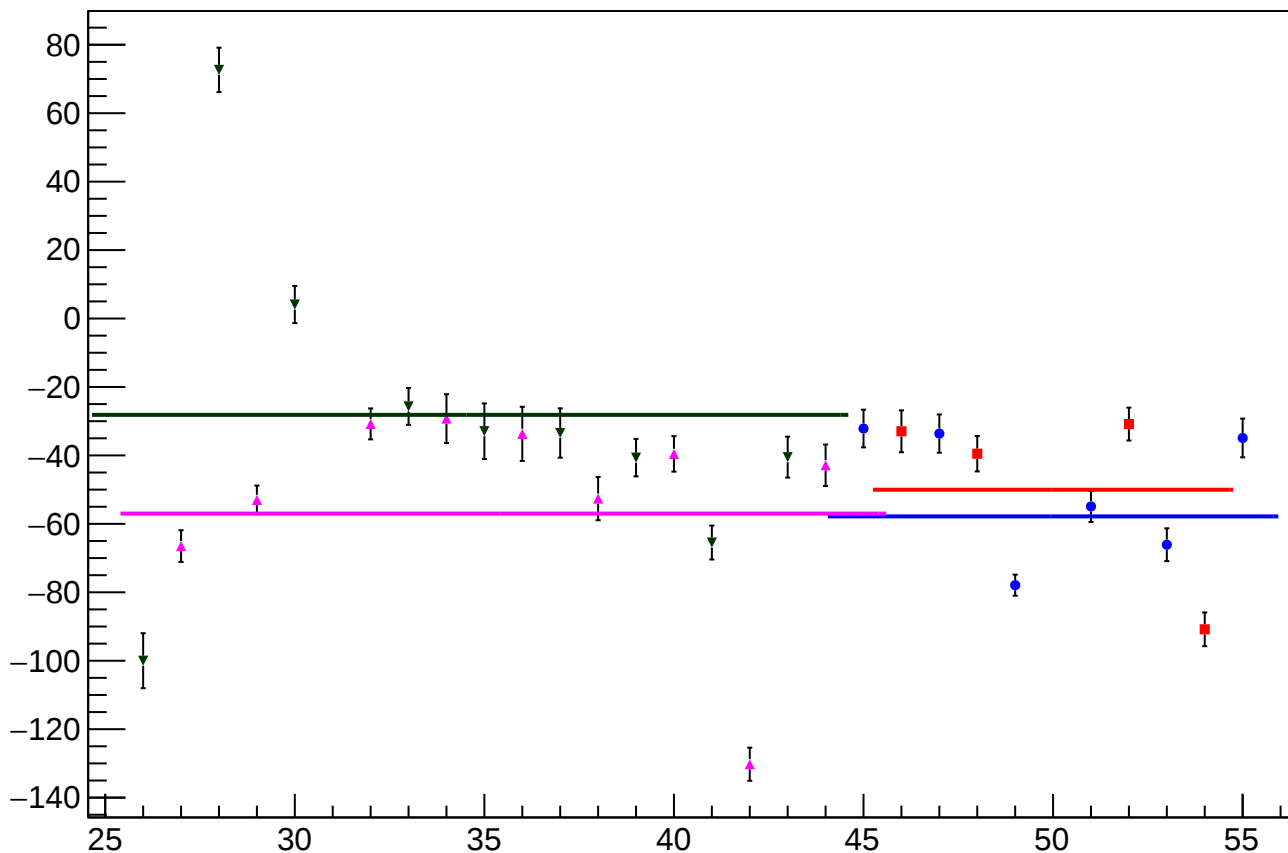
Right Out: -411.235+/-0.360 χ^2/NDF : 2030.2/3

Left In: -406.947+/-0.246 χ^2/NDF : 18132.7/8

-411.768+/-0.190 χ^2/NDF : 18868.5/14

-408.313+/-0.203 χ^2/NDF : 20259.6/12

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -57.814+/-1.845 χ^2/NDF : 102.8/5

Left Out: -28.145+/-2.024 χ^2/NDF : 423.8/8

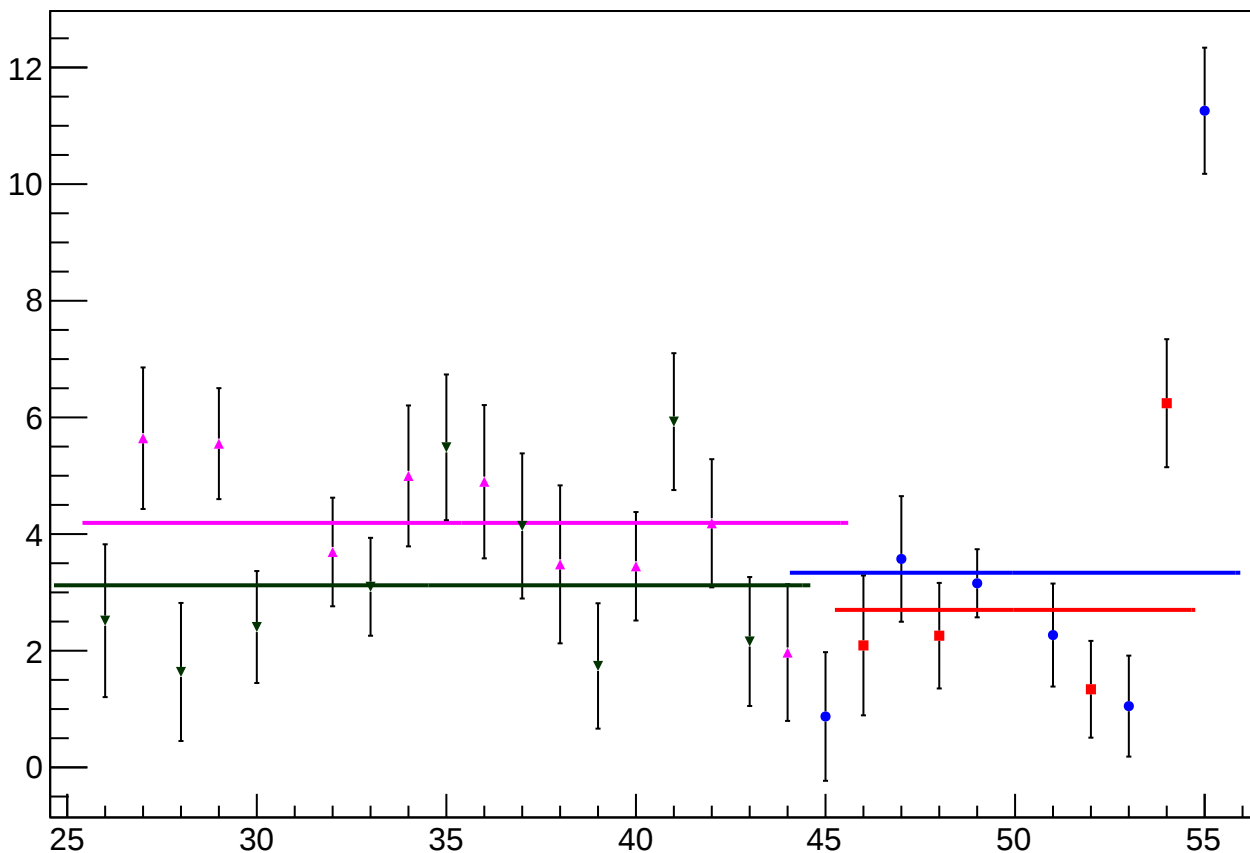
Right Out: -50.020+/-2.594 χ^2/NDF : 96.4/3

Left In: -56.997+/-1.767 χ^2/NDF : 308.5/8

-44.344+/-1.363 χ^2/NDF : 644.0/14

-54.785+/-1.460 χ^2/NDF : 409.9/12

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 3.337 $\pm$ 0.352 χ^2 /NDF: 67.2/5

Left Out: 3.122 $\pm$ 0.365 χ^2 /NDF:14.7/8

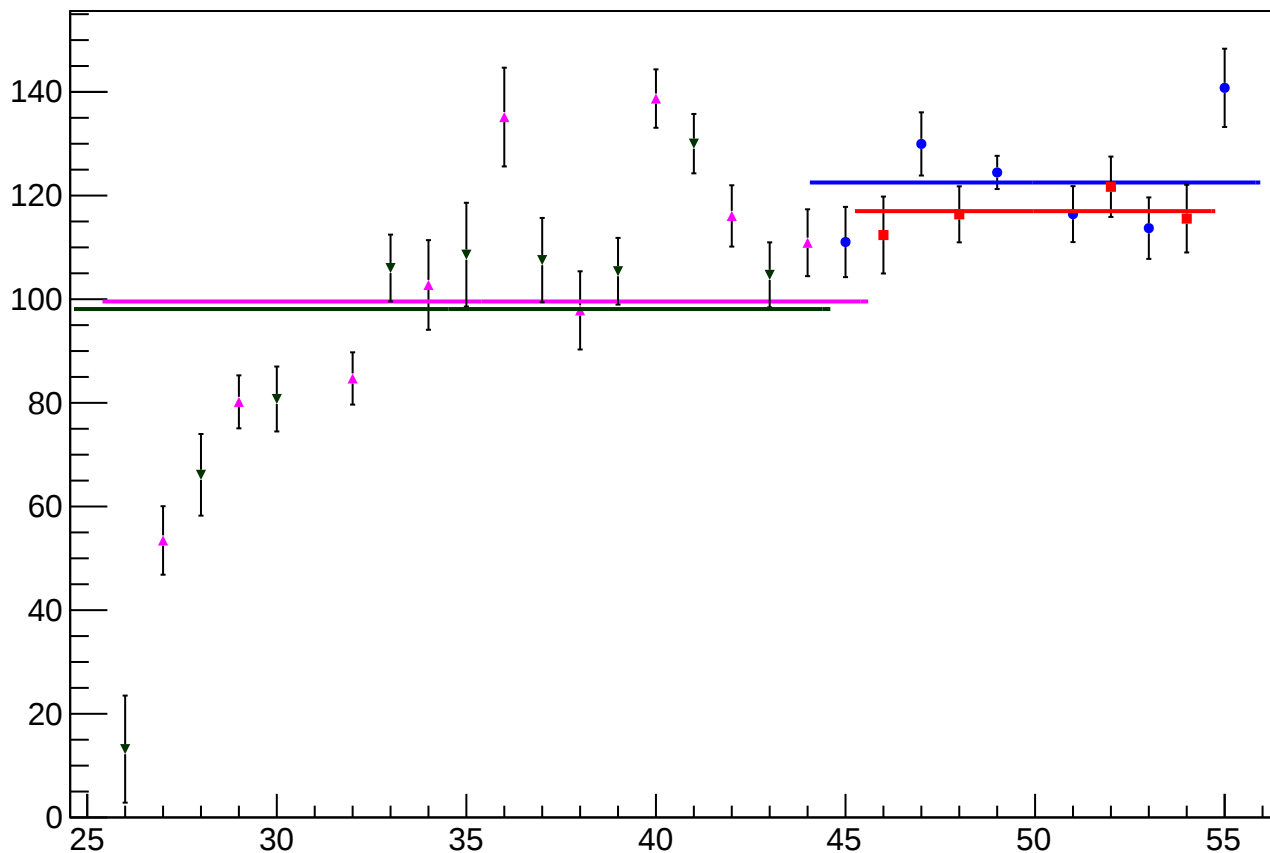
Right Out: 2.700 $\pm$ 0.488 χ^2 /NDF: 13.6/3

Left In: 4.192 $\pm$ 0.366 χ^2 /NDF:9.0/8

3.233 $\pm$ 0.253 χ^2 /NDF: 82.1/14

3.655 $\pm$ 0.293 χ^2 /NDF: 28.6/12

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 122.522 $\pm$ 2.102 χ^2 /NDF: 14.1/5

Left Out: 98.102 $\pm$ 2.356 χ^2 /NDF: 129.1/8

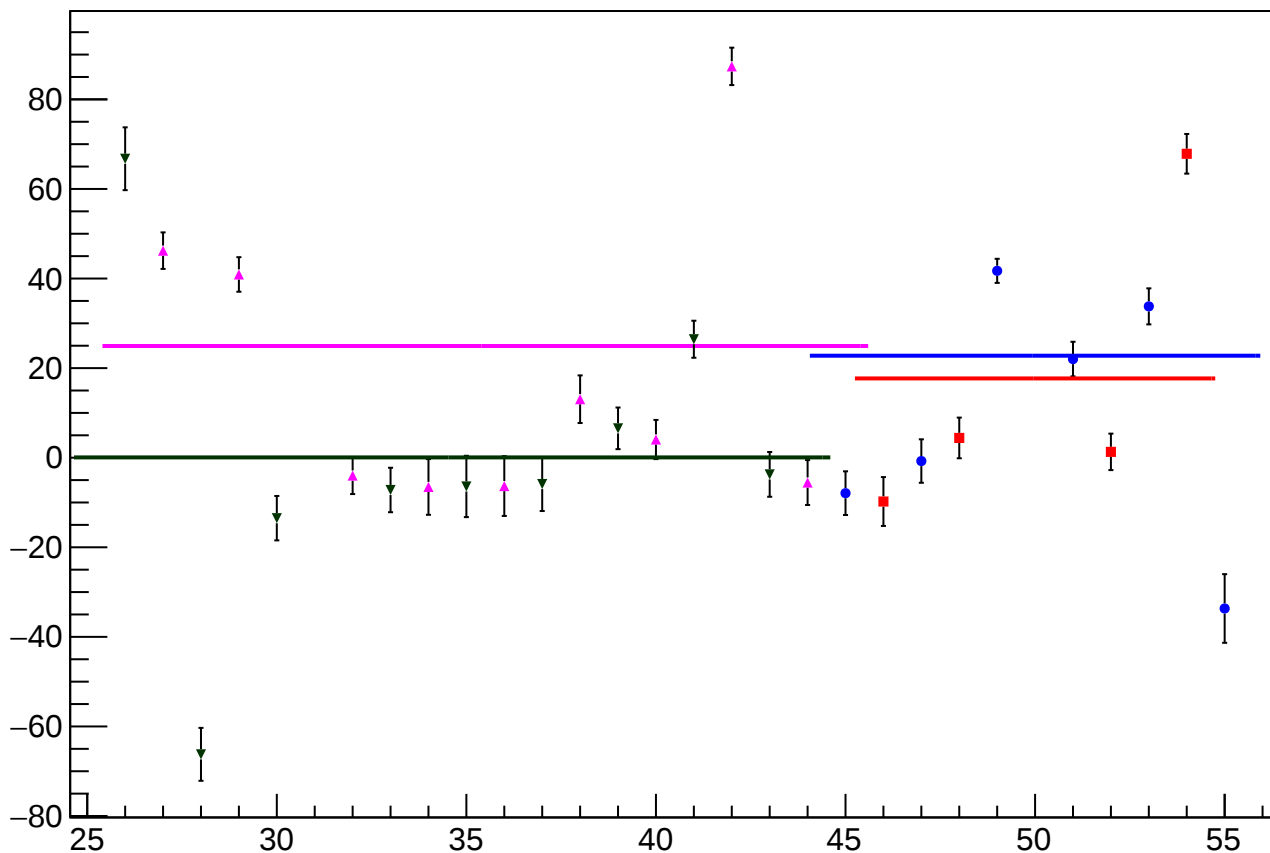
Right Out: 116.996 $\pm$ 3.081 χ^2 /NDF: 1.1/3

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF: 145.0/8

111.702 $\pm$ 1.569 χ^2 /NDF: 203.0/14

105.095 $\pm$ 1.736 χ^2 /NDF: 168.0/12

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 22.772 ± 1.647 $\chi^2/\text{NDF}: 174.5/5$

Left Out: 0.065 ± 1.757 $\chi^2/\text{NDF}: 271.1/8$

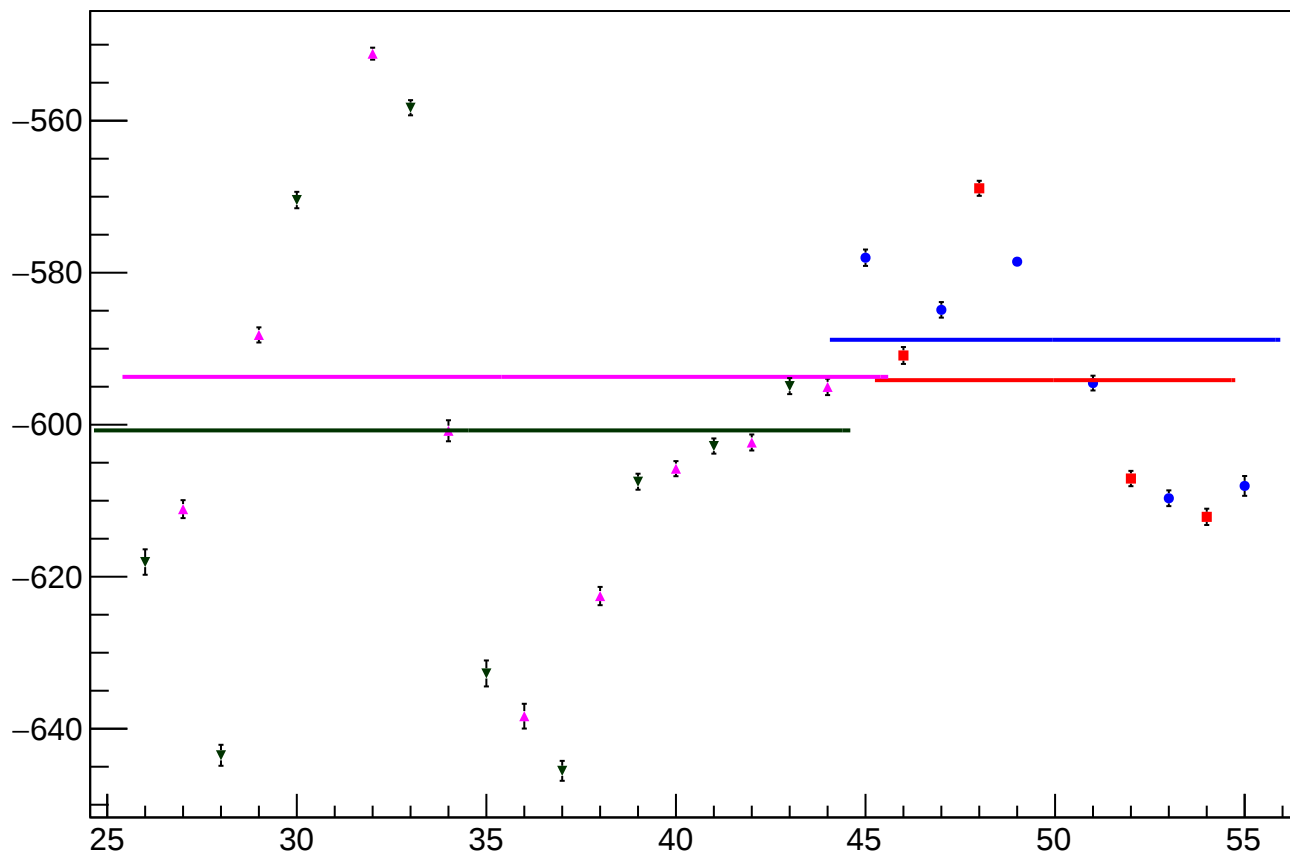
Right Out: 17.696 ± 2.273 $\chi^2/\text{NDF}: 178.4/3$

Left In: 24.937 ± 1.545 $\chi^2/\text{NDF}: 429.3/8$

12.151 ± 1.201 $\chi^2/\text{NDF}: 534.6/14$

22.650 ± 1.278 $\chi^2/\text{NDF}: 614.7/12$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -588.826+/-0.387 χ^2/NDF : 1013.5/5

Left Out: -600.749+/-0.393 χ^2/NDF : 5250.8/8

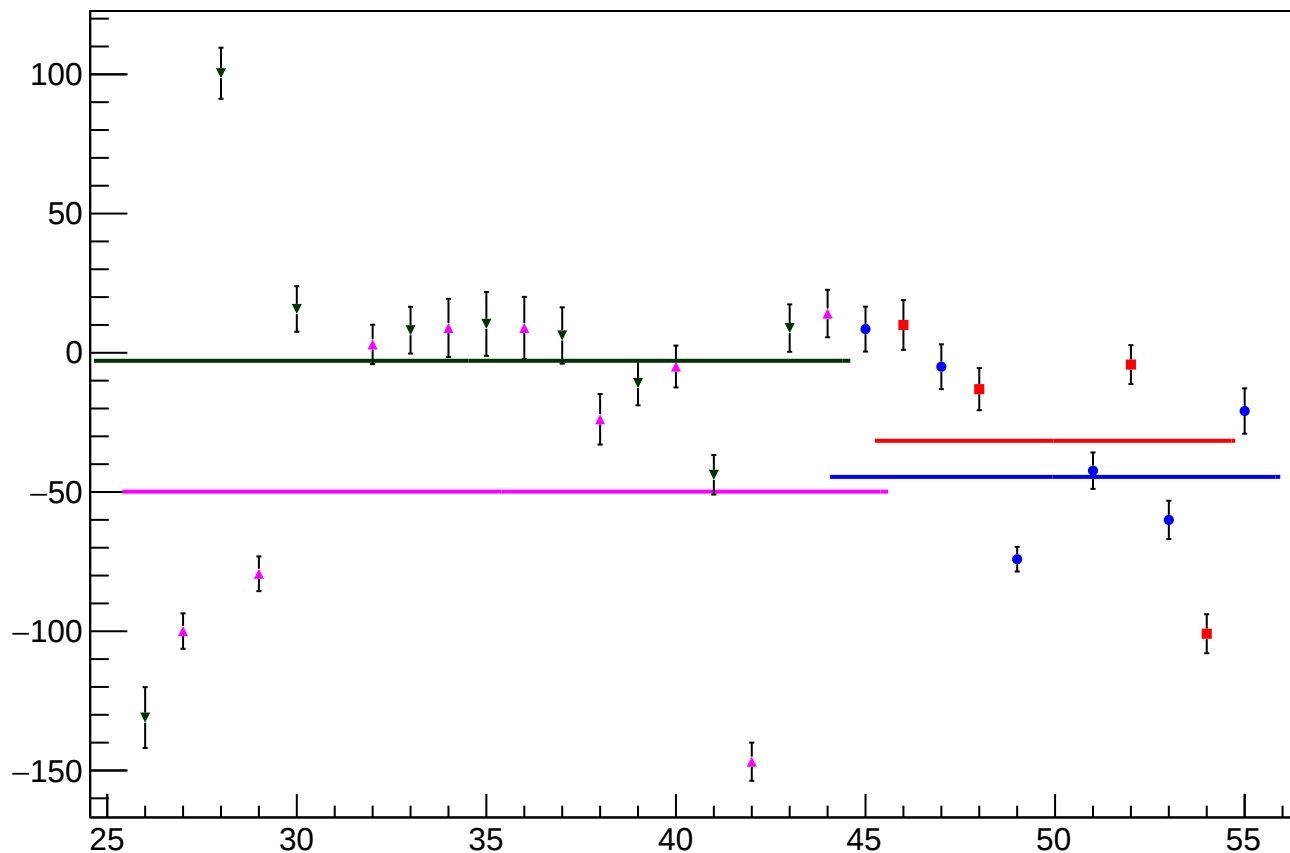
Right Out: -594.139+/-0.521 χ^2/NDF : 1104.6/3

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-594.687+/-0.276 χ^2/NDF : 6731.6/14

-593.845+/-0.296 χ^2/NDF : 5836.9/12

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -44.564 ± 2.659 $\chi^2/\text{NDF}: 125.6/5$

Left Out: -2.868 ± 2.936 $\chi^2/\text{NDF}: 309.5/8$

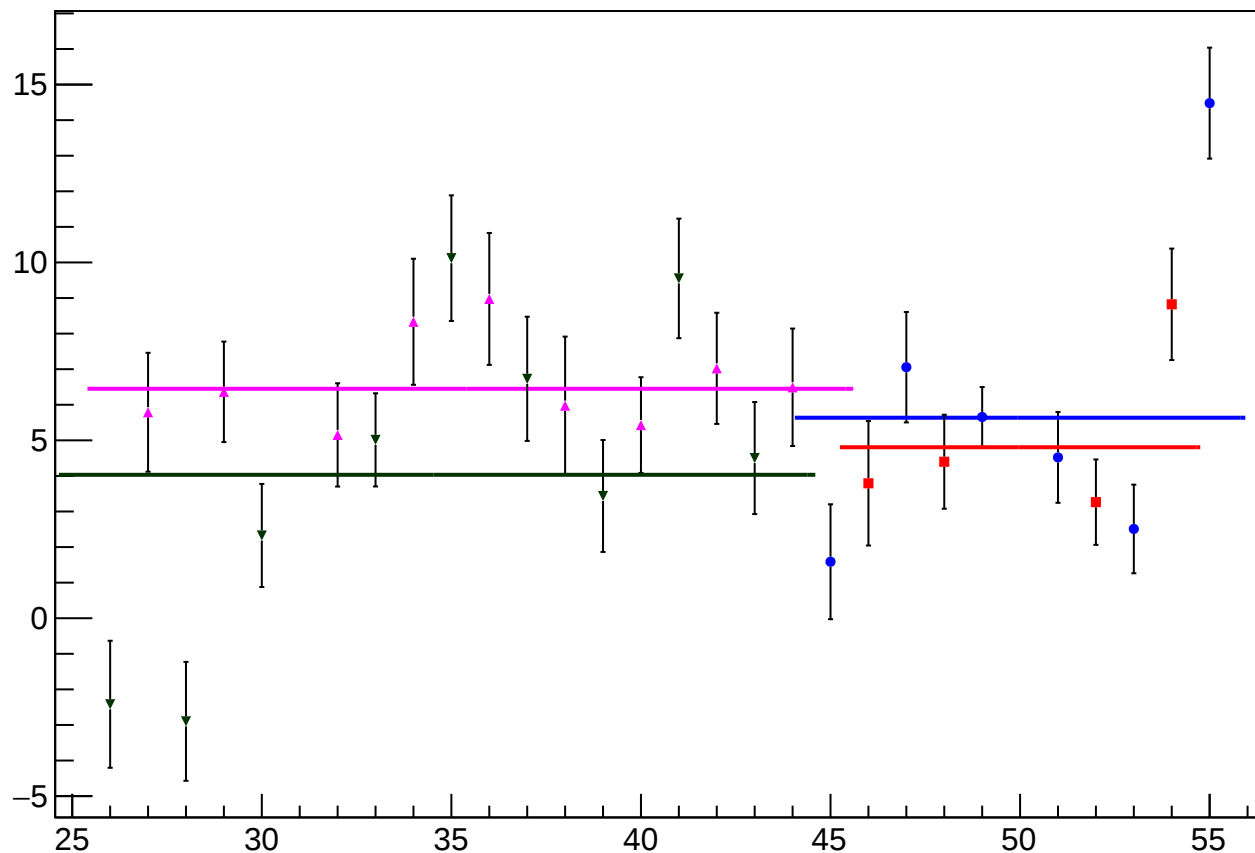
Right Out: -31.602 ± 3.750 $\chi^2/\text{NDF}: 141.2/3$

Left In: -49.858 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

-25.774 ± 1.971 $\chi^2/\text{NDF}: 545.8/14$

-44.050 ± 2.115 $\chi^2/\text{NDF}: 657.3/12$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 5.636 $\pm$ 0.508 χ^2 /NDF: 46.3/5

Left Out: 4.032 $\pm$ 0.531 χ^2 /NDF: 57.5/8

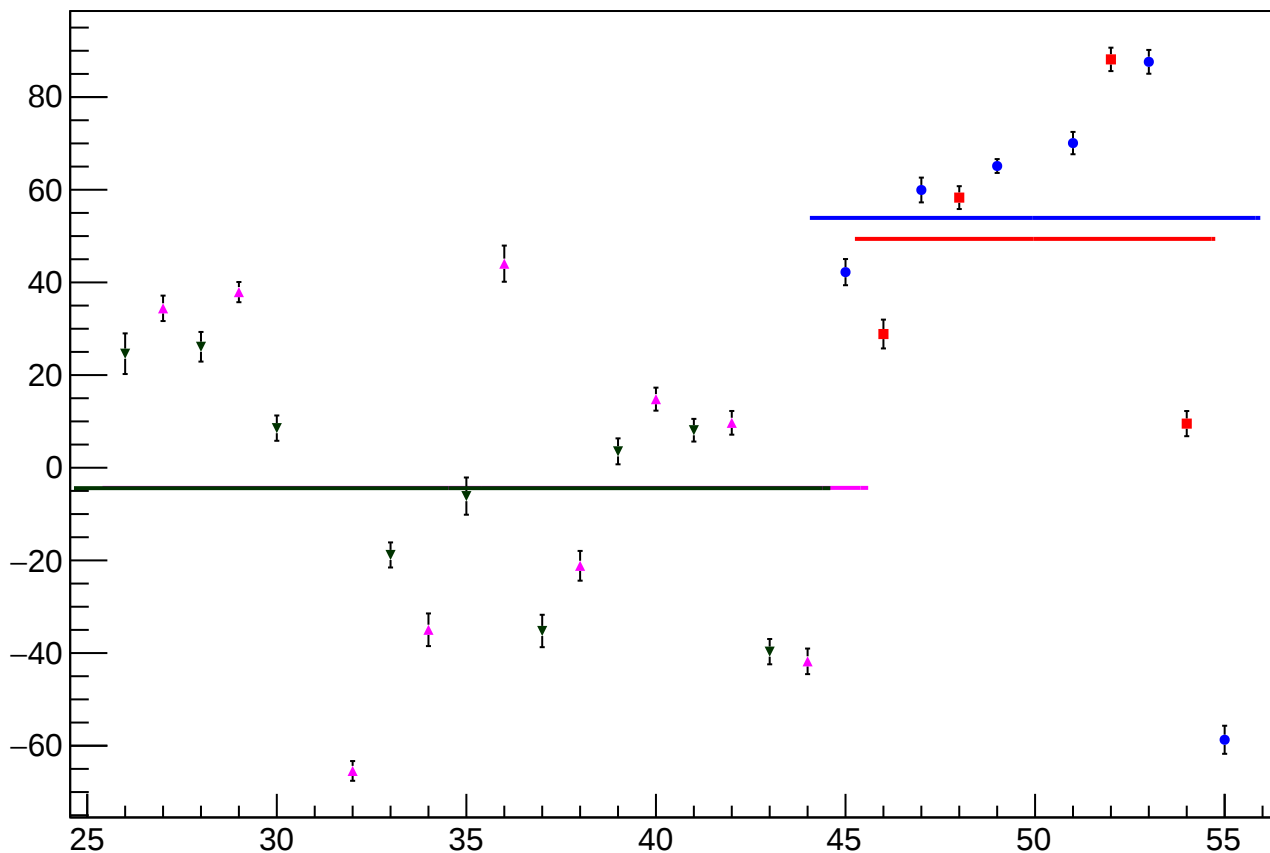
Right Out: 4.807 $\pm$ 0.707 χ^2 /NDF: 8.7/3

Left In: 6.449 $\pm$ 0.532 χ^2 /NDF: 4.7/8

4.871 $\pm$ 0.367 χ^2 /NDF: 108.6/14

5.856 $\pm$ 0.425 χ^2 /NDF: 16.8/12

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 53.924 $\pm$ 0.935 χ^2/NDF : 1677.2/5

Left Out: -4.407 $\pm$ 1.004 χ^2/NDF : 464.5/8

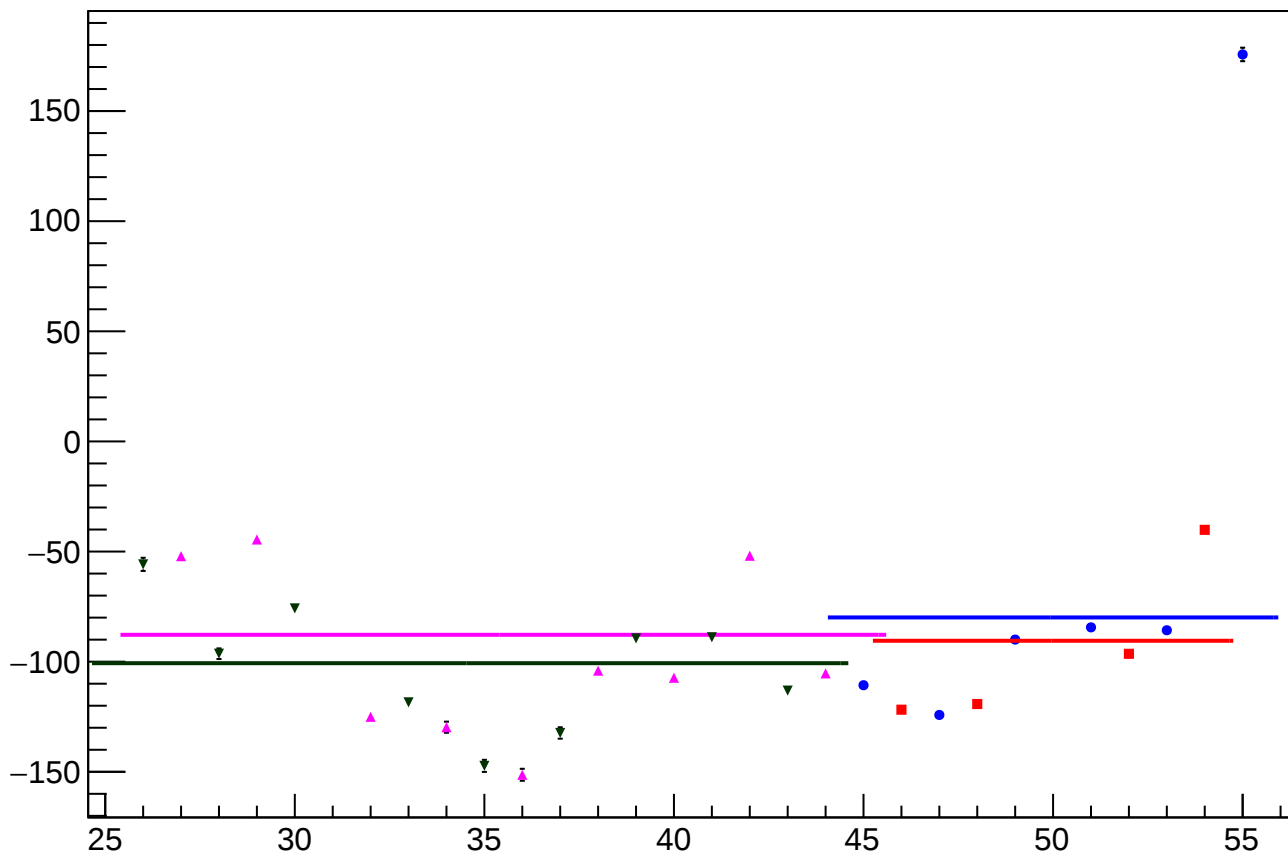
Right Out: 49.395 $\pm$ 1.336 χ^2/NDF : 506.8/3

Left In: -4.347 $\pm$ 0.893 χ^2/NDF : 1927.7/8

26.836 $\pm$ 0.684 χ^2/NDF : 3950.4/14

12.250 $\pm$ 0.743 χ^2/NDF : 3552.1/12

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -79.915 ± 0.731 $\chi^2/\text{NDF}: 7663.1/5$

Left Out: -100.691 ± 0.748 $\chi^2/\text{NDF}: 978.9/8$

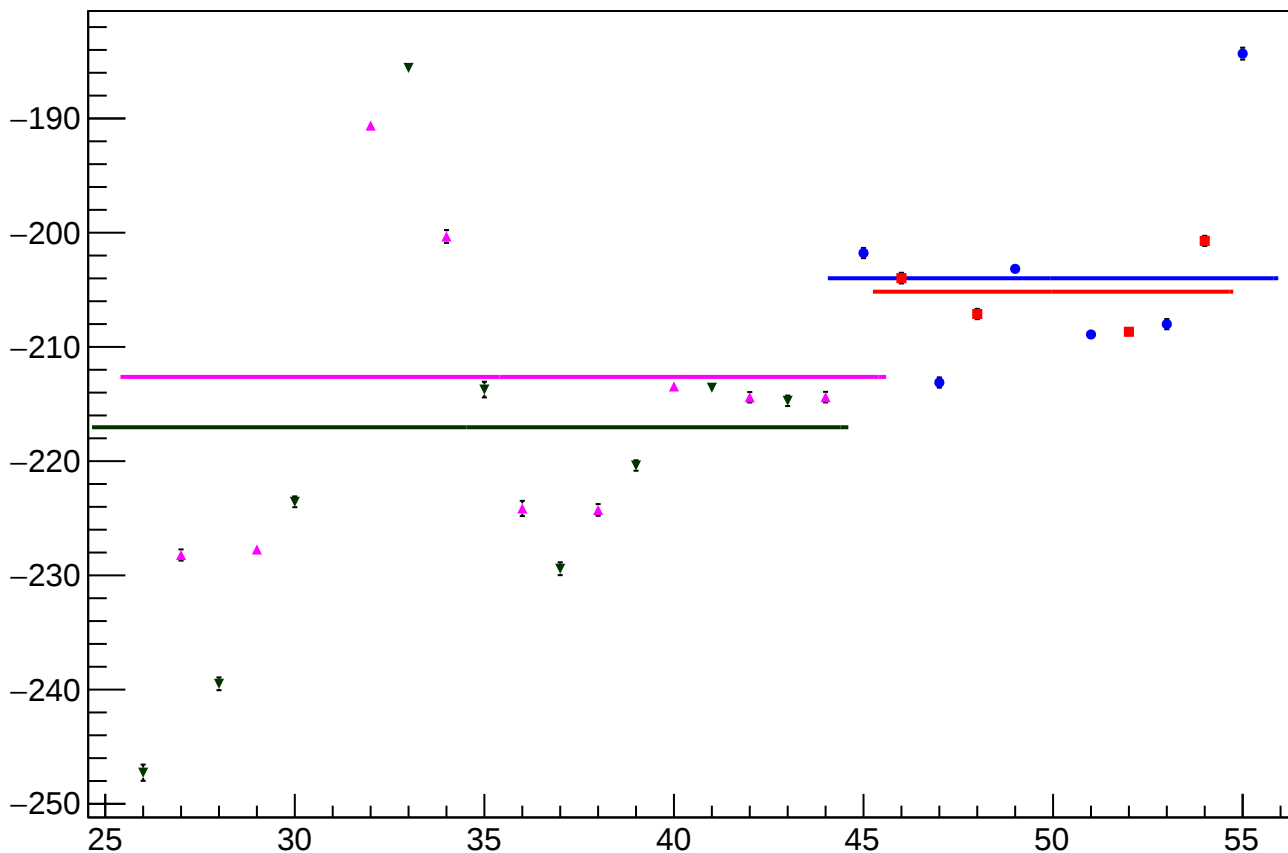
Right Out: -90.502 ± 0.982 $\chi^2/\text{NDF}: 1128.4/3$

Left In: -87.803 ± 0.654 $\chi^2/\text{NDF}: 3037.1/8$

-90.059 ± 0.523 $\chi^2/\text{NDF}: 9036.8/14$

-88.632 ± 0.545 $\chi^2/\text{NDF}: 4170.7/12$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -203.988+/-0.170 χ^2/NDF : 2064.5/5

Left Out: -217.033+/-0.168 χ^2/NDF : 9889.6/8

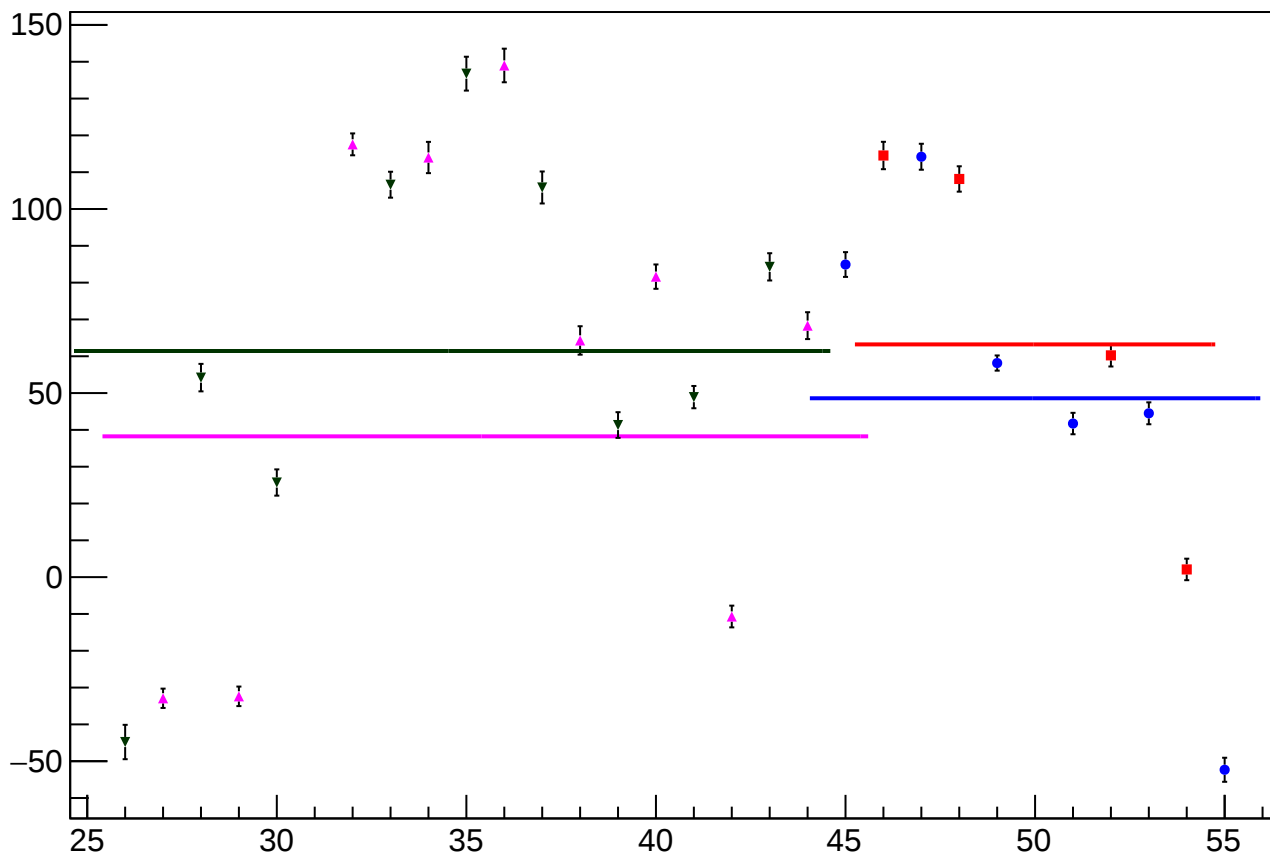
Right Out: -205.163+/-0.225 χ^2/NDF : 189.9/3

Left In: -212.625+/-0.153 χ^2/NDF : 8043.8/8

-210.622+/-0.119 χ^2/NDF : 14932.9/14

-210.265+/-0.126 χ^2/NDF : 8987.7/12

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 48.588+/-1.172 χ^2/NDF : 1446.0/5

Left Out: 61.427+/-1.249 χ^2/NDF : 1247.3/8

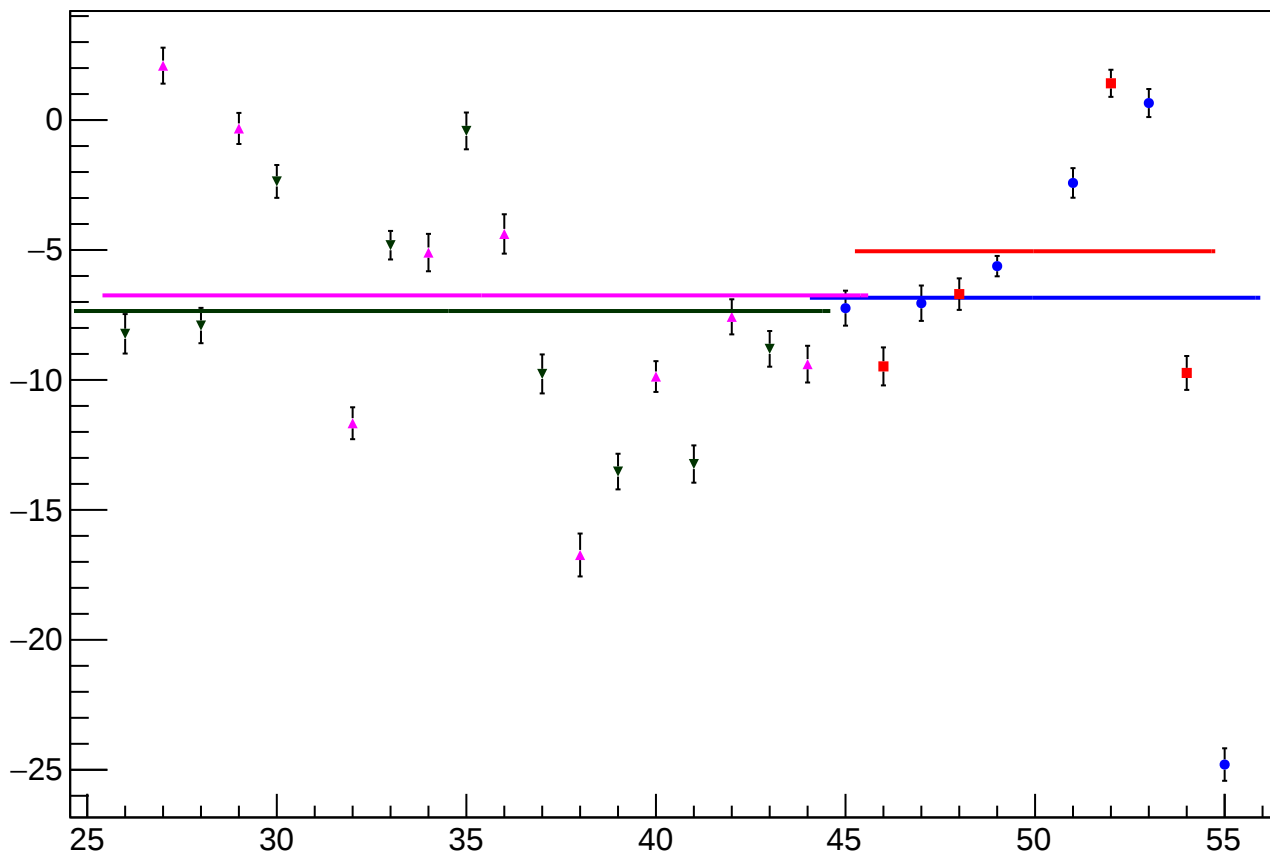
Right Out: 63.219+/-1.616 χ^2/NDF : 799.1/3

Left In: 38.244+/-1.083 χ^2/NDF : 3520.8/8

54.599+/-0.854 χ^2/NDF : 2749.5/14

45.990+/-0.900 χ^2/NDF : 4484.8/12

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -6.837+/-0.224 χ^2/NDF : 1088.0/5

Left Out: -7.348+/-0.225 χ^2/NDF : 344.7/8

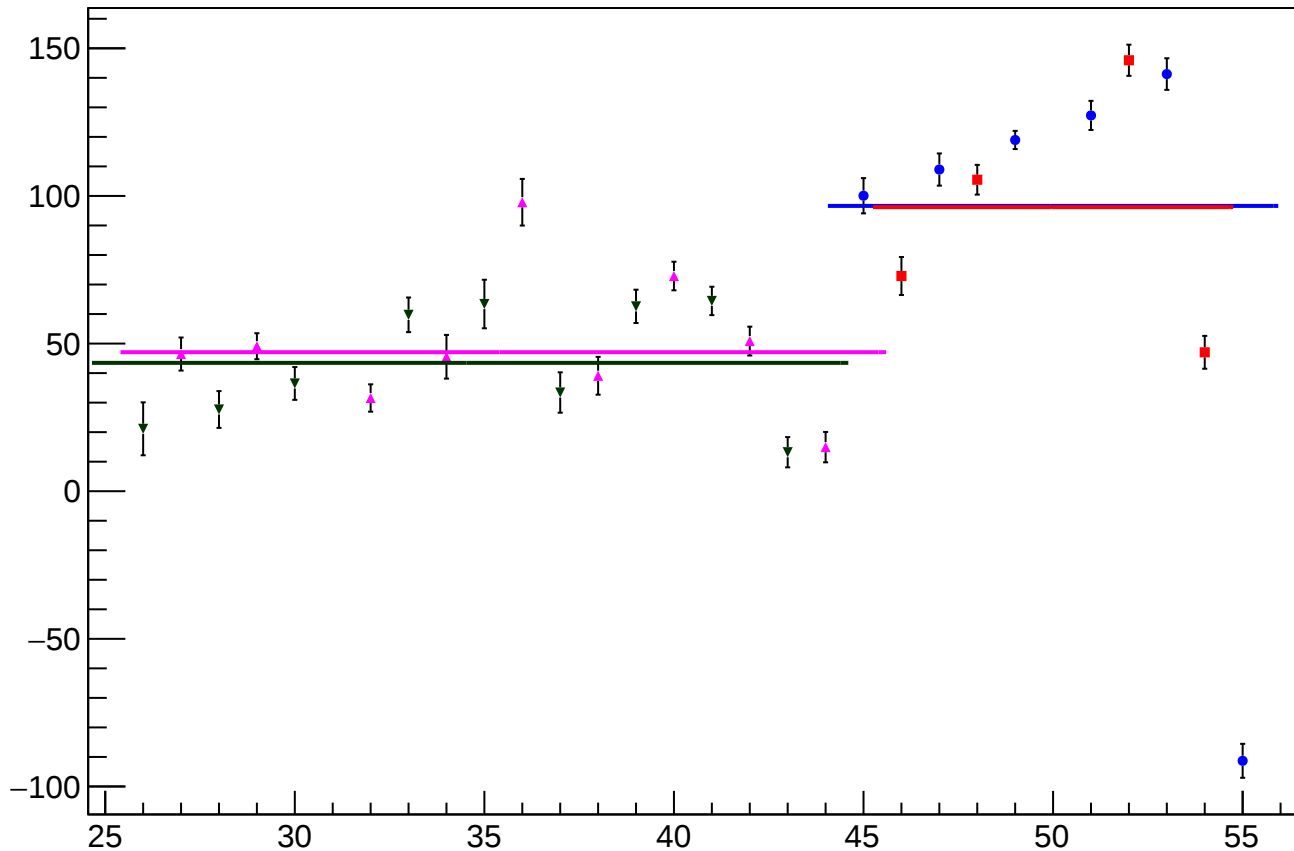
Right Out: -5.049+/-0.307 χ^2/NDF : 249.3/3

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-7.091+/-0.159 χ^2/NDF : 1435.3/14

-6.153+/-0.182 χ^2/NDF : 816.7/12

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 96.627 $\pm$ 1.912 χ^2 /NDF: 1234.5/5

Left Out: 43.469 $\pm$ 2.005 χ^2 /NDF:95.4/8

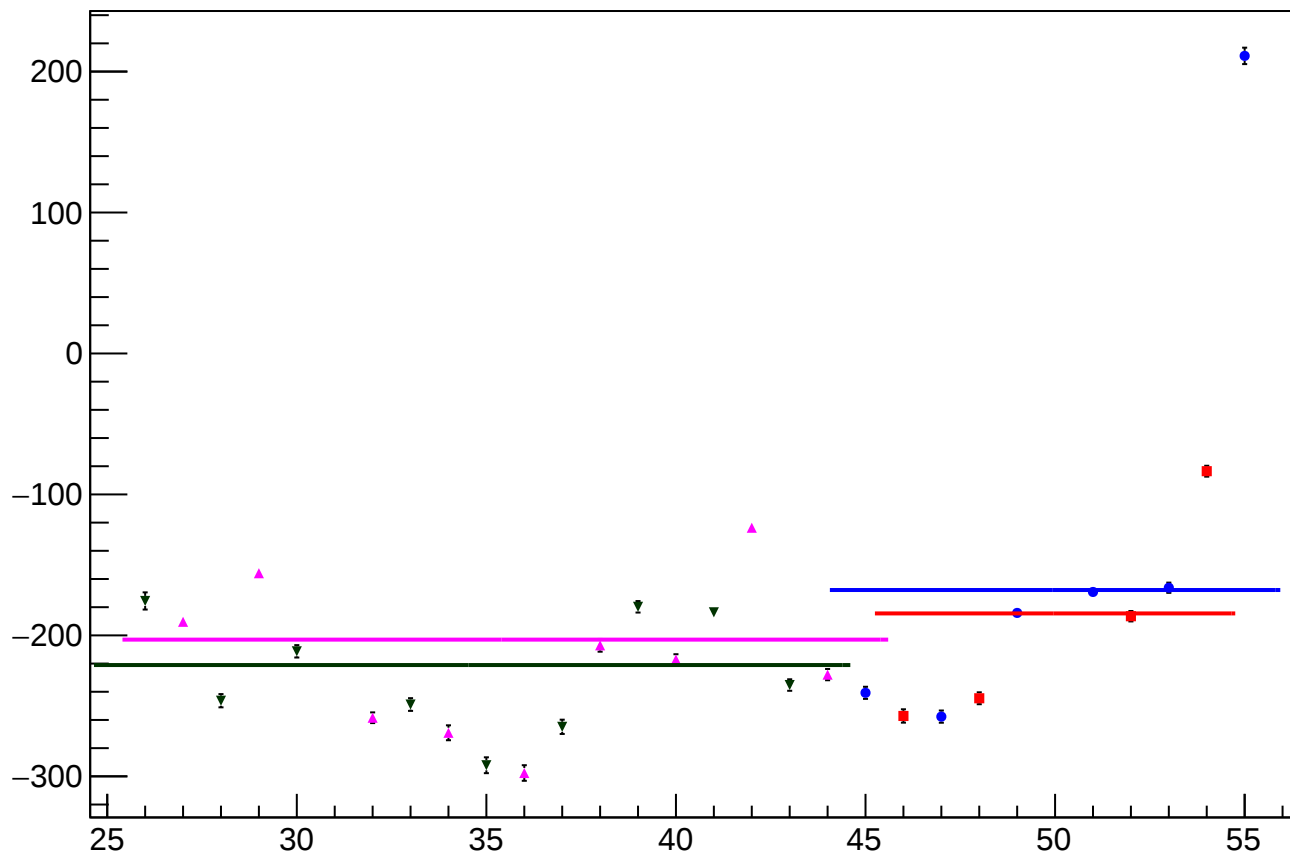
Right Out: 96.205 $\pm$ 2.756 χ^2 /NDF: 183.3/3

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

71.309 $\pm$ 1.384 χ^2 /NDF: 1698.0/14

61.689 $\pm$ 1.503 χ^2 /NDF: 529.1/12

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -167.814+/-1.501 χ^2/NDF : 4985.6/5

Left Out: -221.044+/-1.496 χ^2/NDF : 593.9/8

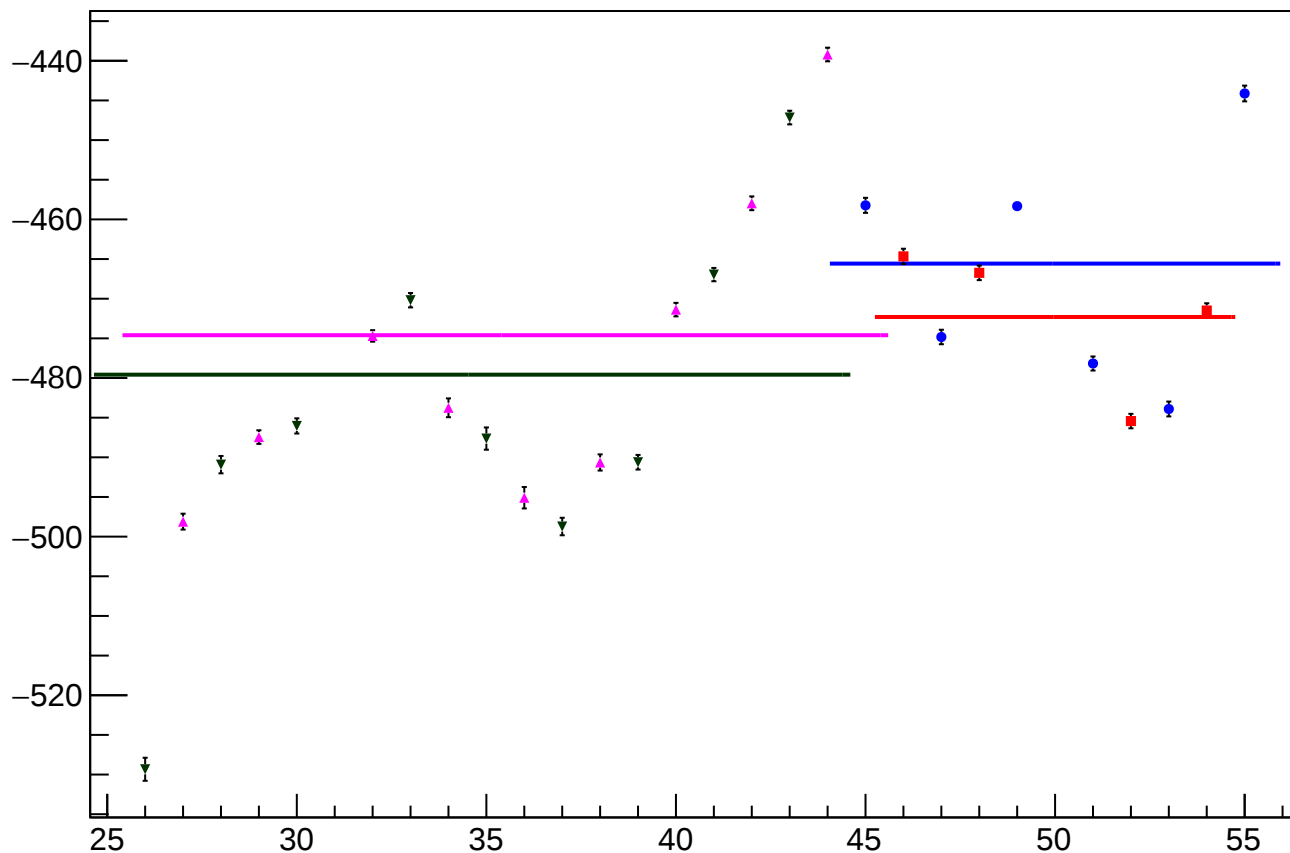
Right Out: -184.424+/-2.038 χ^2/NDF : 1120.2/3

Left In: -203.012+/-1.312 χ^2/NDF : 1461.2/8

-194.523+/-1.059 χ^2/NDF : 6210.6/14

-197.569+/-1.103 χ^2/NDF : 2640.2/12

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -465.575+/-0.349 χ^2 /NDF: 1345.3/5

Left Out: -479.578+/-0.336 χ^2 /NDF:3549.6/8

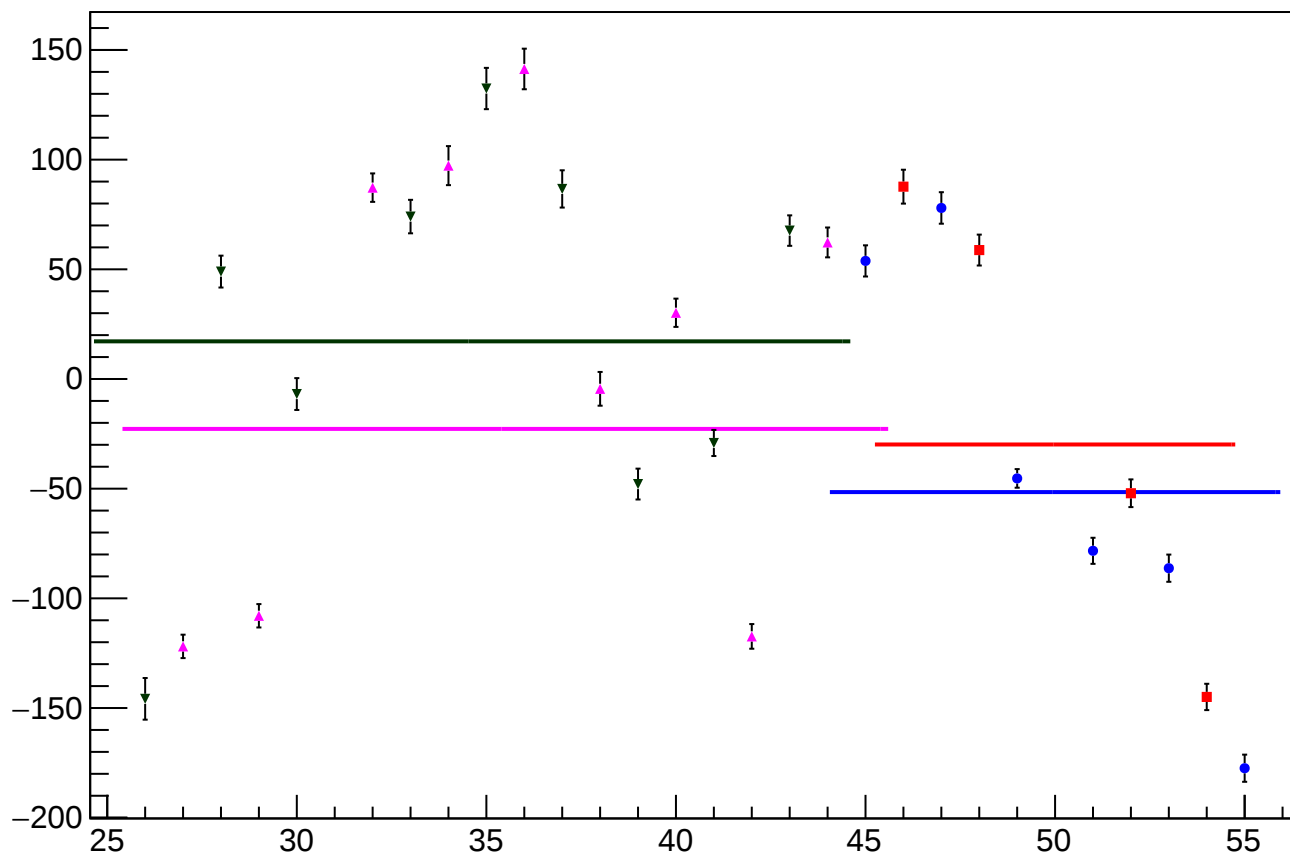
Right Out: -472.305+/-0.464 χ^2 /NDF: 306.2/3

Left In: -474.603+/-0.308 χ^2 /NDF:3381.7/8

-472.841+/-0.242 χ^2 /NDF: 5732.7/14

-473.901+/-0.257 χ^2 /NDF: 3704.9/12

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -51.558 ± 2.390 $\chi^2/\text{NDF}: 1011.9/5$

Left Out: 17.160 ± 2.496 $\chi^2/\text{NDF}: 796.1/8$

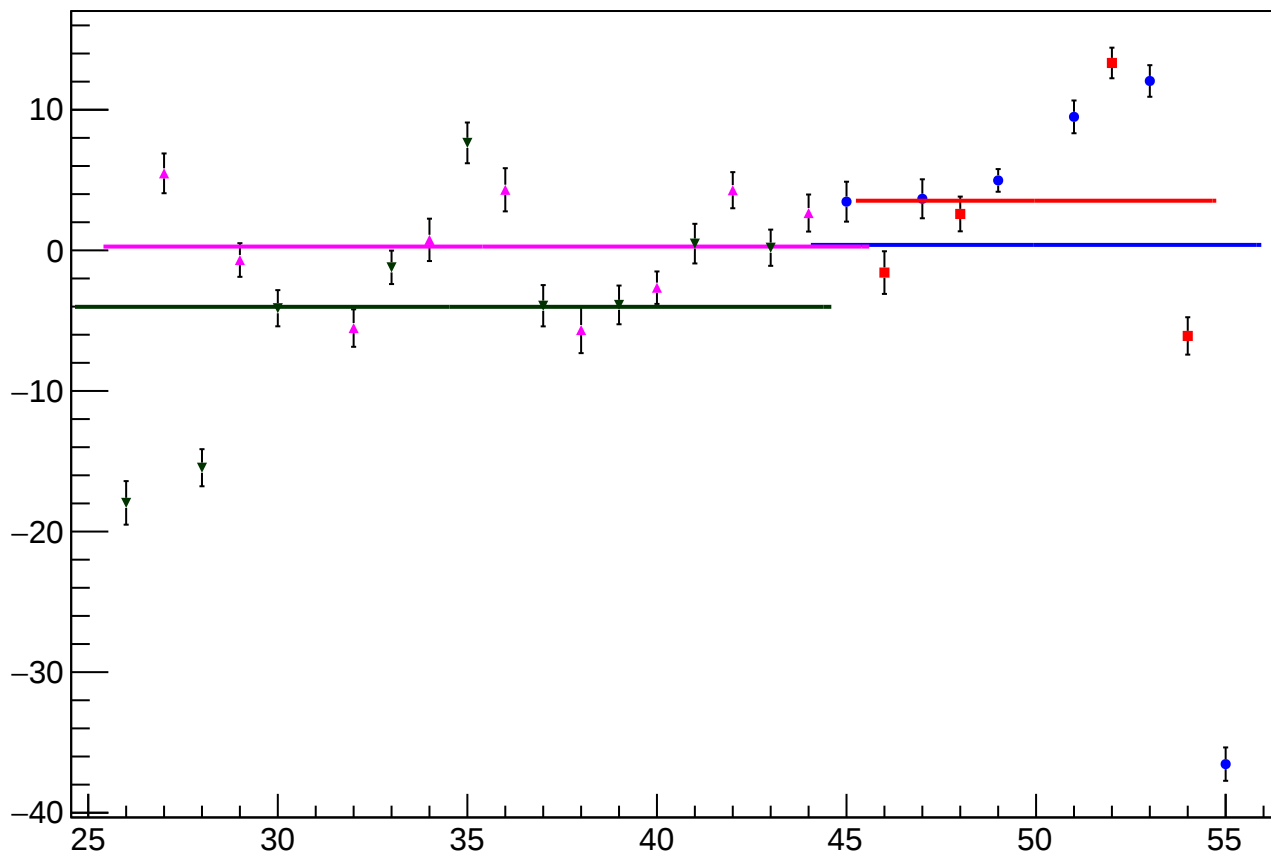
Right Out: -29.856 ± 3.338 $\chi^2/\text{NDF}: 770.4/3$

Left In: -22.755 ± 2.169 $\chi^2/\text{NDF}: 1896.6/8$

-18.686 ± 1.726 $\chi^2/\text{NDF}: 2203.5/14$

-24.864 ± 1.819 $\chi^2/\text{NDF}: 2670.2/12$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 0.388 $\pm$ 0.457 χ^2 /NDF: 1179.8/5

Left Out: -4.016 $\pm$ 0.453 χ^2 /NDF:247.5/8

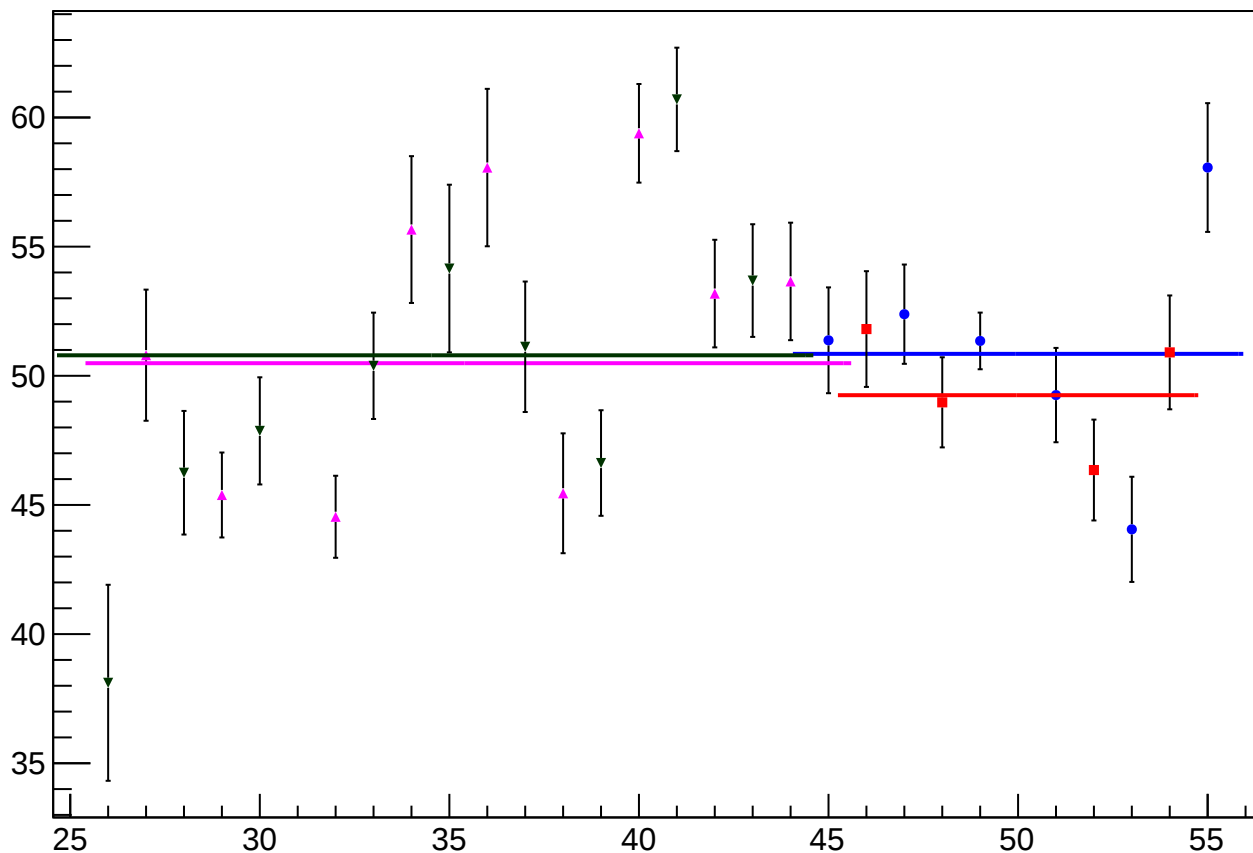
Right Out: 3.531 $\pm$ 0.632 χ^2 /NDF: 145.3/3

Left In: 0.270 $\pm$ 0.450 χ^2 /NDF:72.6/8

-1.833 $\pm$ 0.322 χ^2 /NDF: 1474.2/14

1.368 $\pm$ 0.367 χ^2 /NDF: 235.6/12

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 50.849 $\pm$ 0.700 χ^2 /NDF: 21.2/5

Left Out: 50.793 $\pm$ 0.775 χ^2 /NDF: 48.3/8

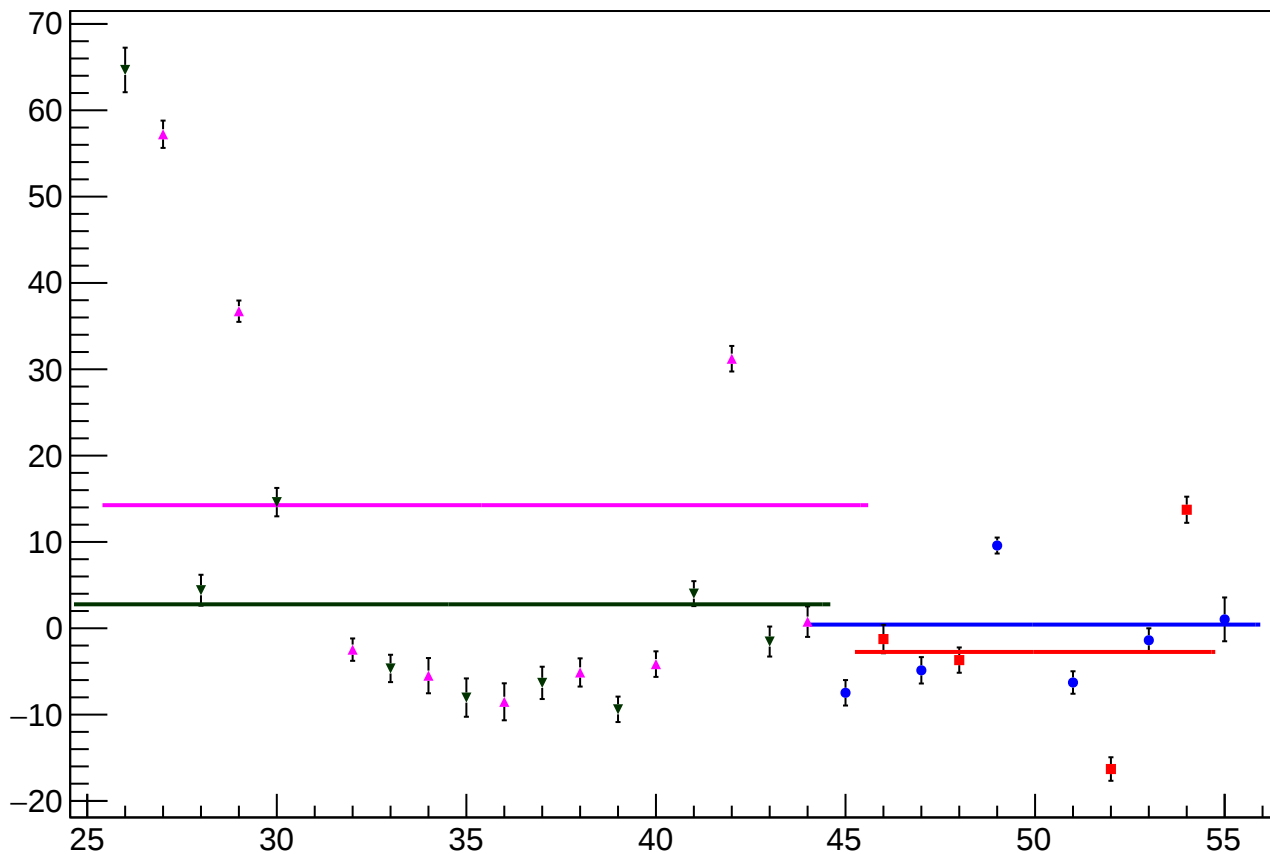
Right Out: 49.249 $\pm$ 1.002 χ^2 /NDF: 4.1/3

Left In: 50.488 $\pm$ 0.701 χ^2 /NDF: 63.2/8

50.824 $\pm$ 0.519 χ^2 /NDF: 69.5/14

50.081 $\pm$ 0.574 χ^2 /NDF: 68.3/12

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 0.427 ± 0.548 $\chi^2/\text{NDF}: 167.2/5$

Left Out: 2.776 ± 0.578 $\chi^2/\text{NDF}: 772.4/8$

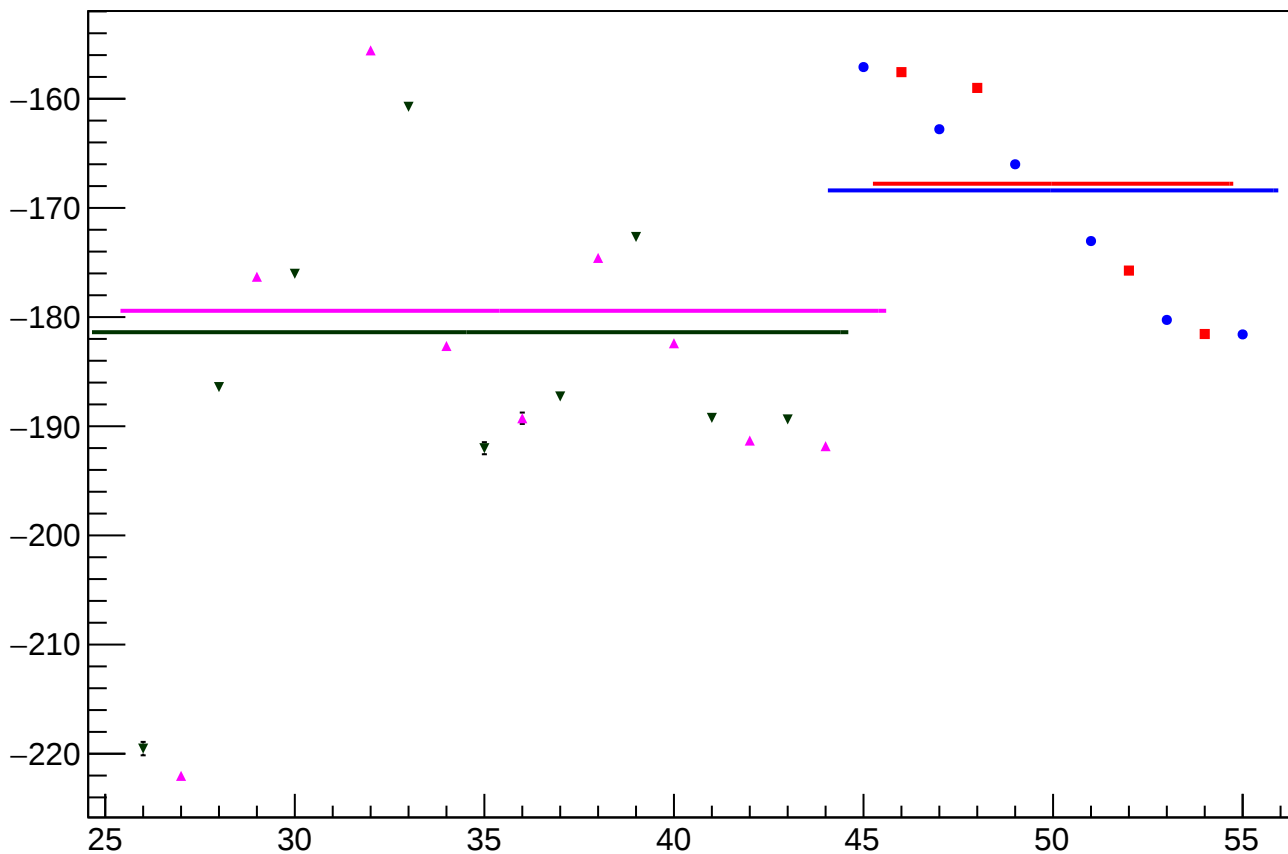
Right Out: -2.741 ± 0.743 $\chi^2/\text{NDF}: 218.5/3$

Left In: 14.260 ± 0.519 $\chi^2/\text{NDF}: 1925.9/8$

1.539 ± 0.398 $\chi^2/\text{NDF}: 948.3/14$

8.691 ± 0.425 $\chi^2/\text{NDF}: 2496.1/12$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -168.396+/-0.128 χ^2/NDF : 3870.9/5

Left Out: -181.384+/-0.129 χ^2/NDF :10642.5/8

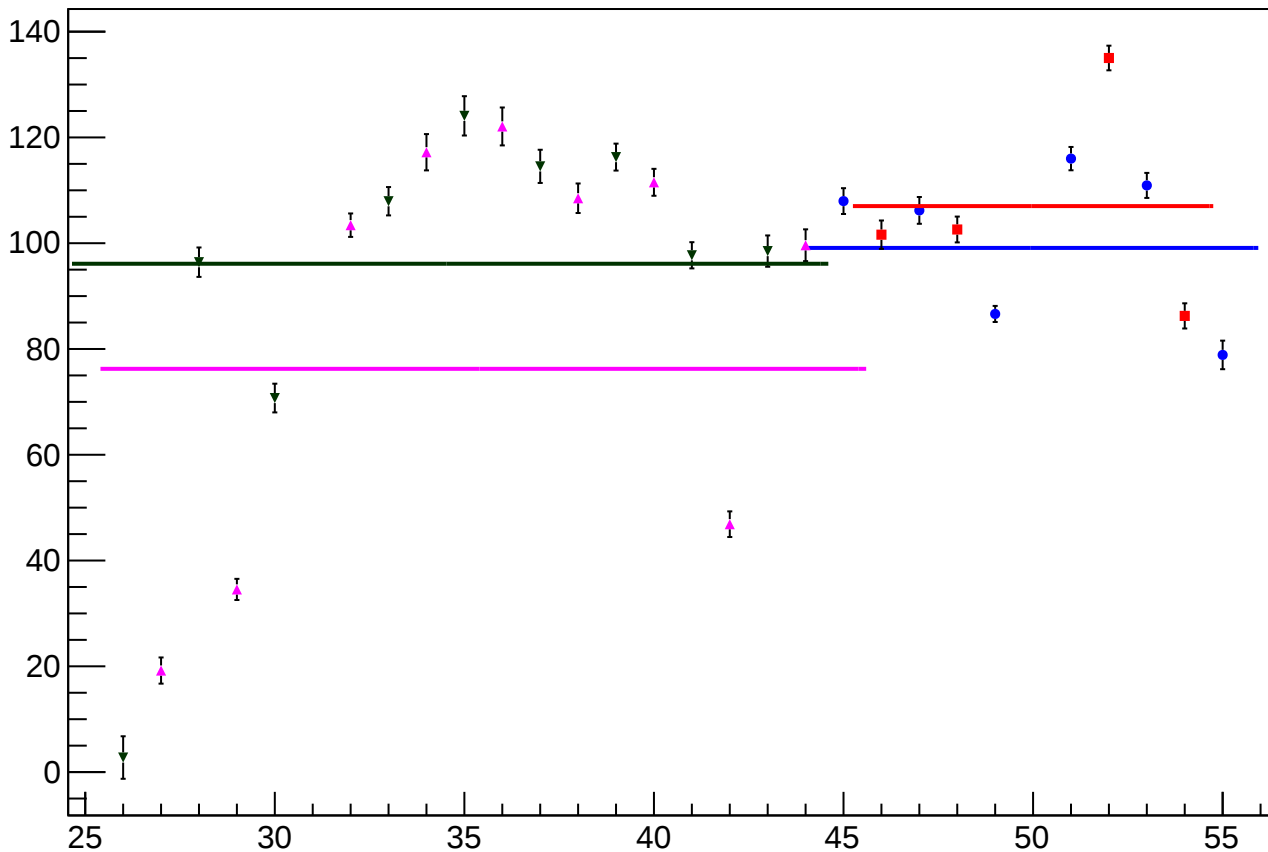
Right Out: -167.783+/-0.169 χ^2/NDF : 3697.0/3

Left In: -179.424+/-0.120 χ^2/NDF :21031.0/8

-174.818+/-0.091 χ^2/NDF : 19623.5/14

-175.532+/-0.098 χ^2/NDF : 27895.4/12

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 99.109+/-0.885 χ^2/NDF : 228.2/5

Left Out: 96.116+/-0.966 χ^2/NDF : 801.0/8

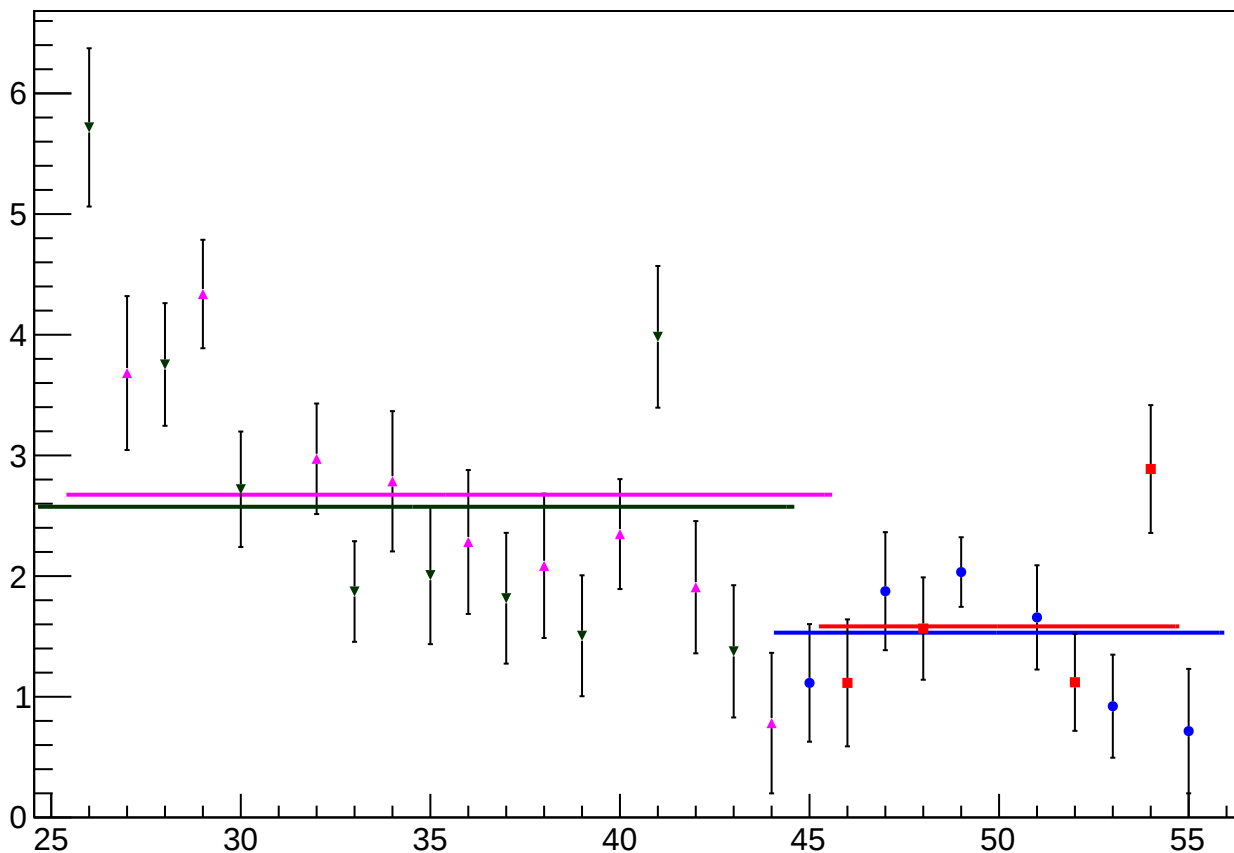
Right Out: 107.016+/-1.224 χ^2/NDF : 227.9/3

Left In: 76.248+/-0.863 χ^2/NDF : 1954.9/8

97.745+/-0.652 χ^2/NDF : 1034.4/14

86.465+/-0.705 χ^2/NDF : 2604.9/12

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.531 ± 0.169 χ^2/NDF : 8.9/5

Left Out: 2.574 ± 0.174 χ^2/NDF : 49.3/8

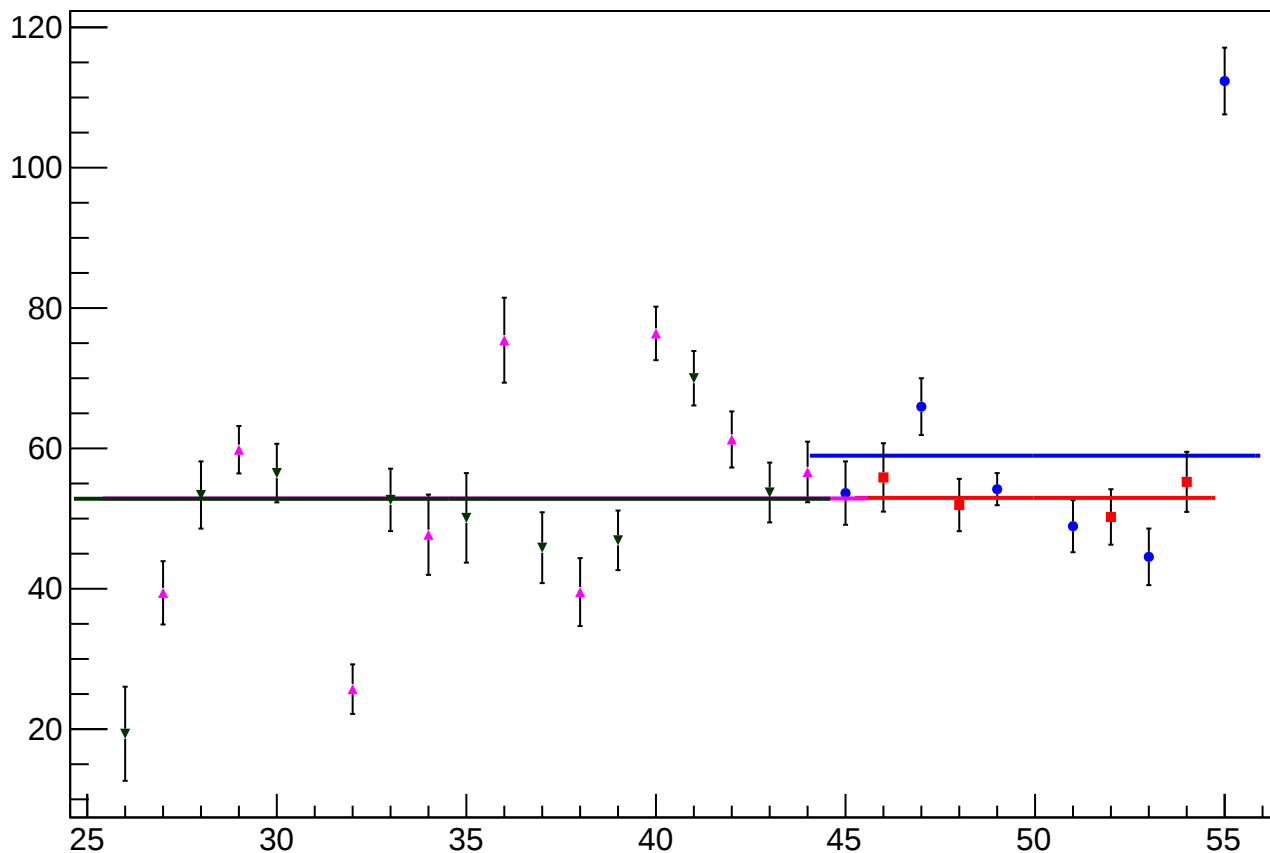
Right Out: 1.583 ± 0.230 χ^2/NDF : 8.2/3

Left In: 2.674 ± 0.177 χ^2/NDF : 31.1/8

2.037 ± 0.121 χ^2/NDF : 76.7/14

2.268 ± 0.140 χ^2/NDF : 53.4/12

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 58.965+/-1.445 χ^2/NDF : 154.9/5

Left Out: 52.828+/-1.553 χ^2/NDF : 49.4/8

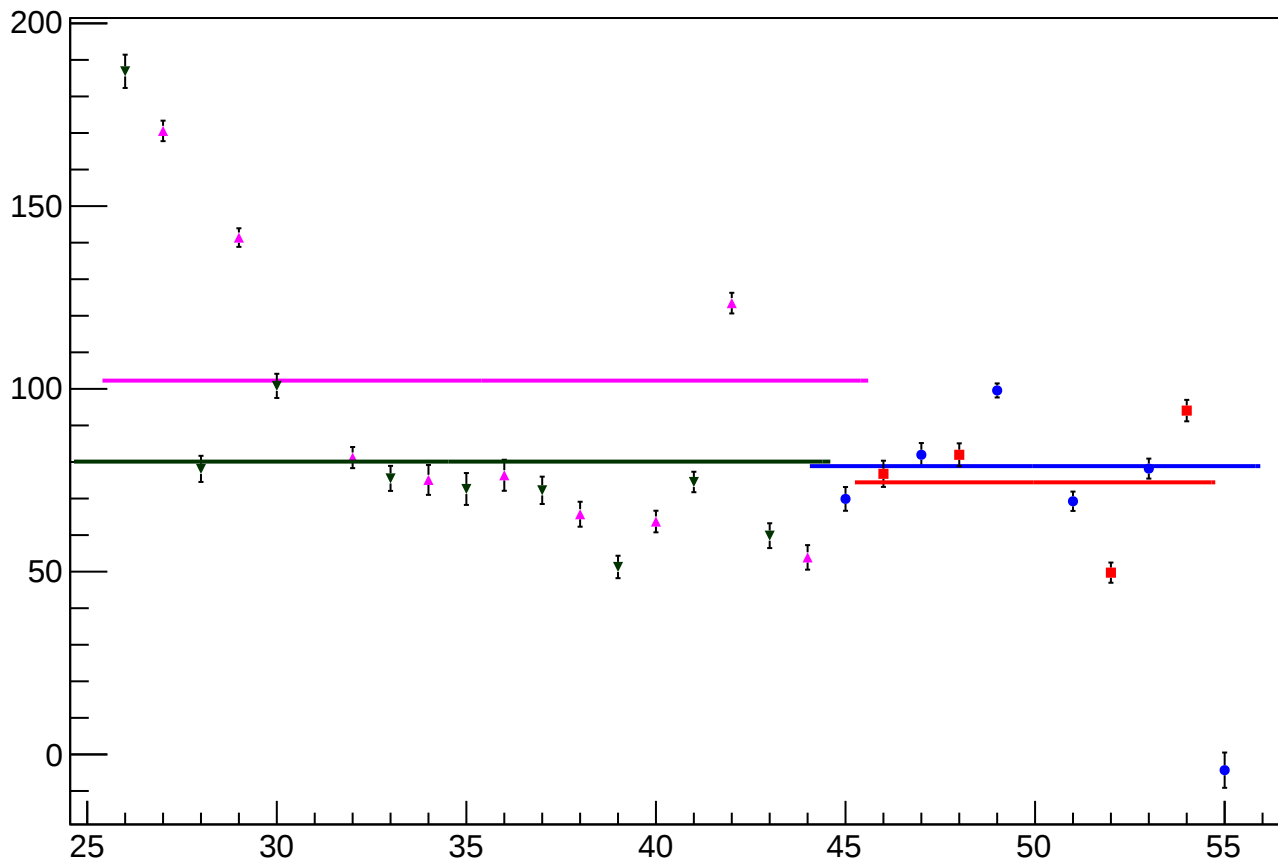
Right Out: 52.951+/-2.073 χ^2/NDF : 1.2/3

Left In: 52.873+/-1.411 χ^2/NDF : 137.9/8

56.118+/-1.058 χ^2/NDF : 212.6/14

52.898+/-1.166 χ^2/NDF : 139.1/12

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 78.869+/-1.131 χ^2/NDF : 434.8/5

Left Out: 80.107+/-1.156 χ^2/NDF : 725.9/8

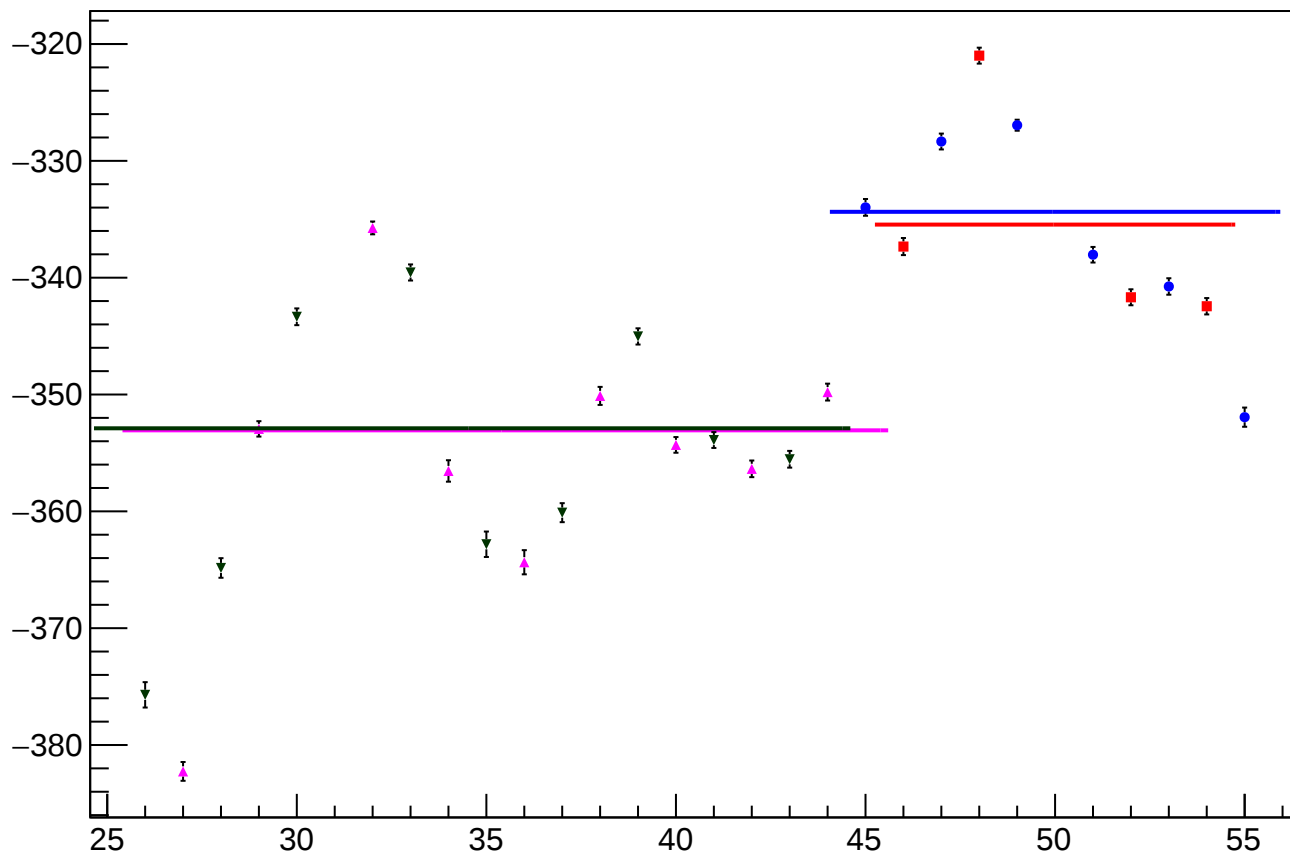
Right Out: 74.432+/-1.530 χ^2/NDF : 131.0/3

Left In: 102.262+/-1.036 χ^2/NDF : 1514.4/8

79.474+/-0.809 χ^2/NDF : 1161.3/14

93.513+/-0.858 χ^2/NDF : 1872.2/12

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -334.362+/-0.264 χ^2/NDF : 896.8/5

Left Out: -352.892+/-0.259 χ^2/NDF :1502.2/8

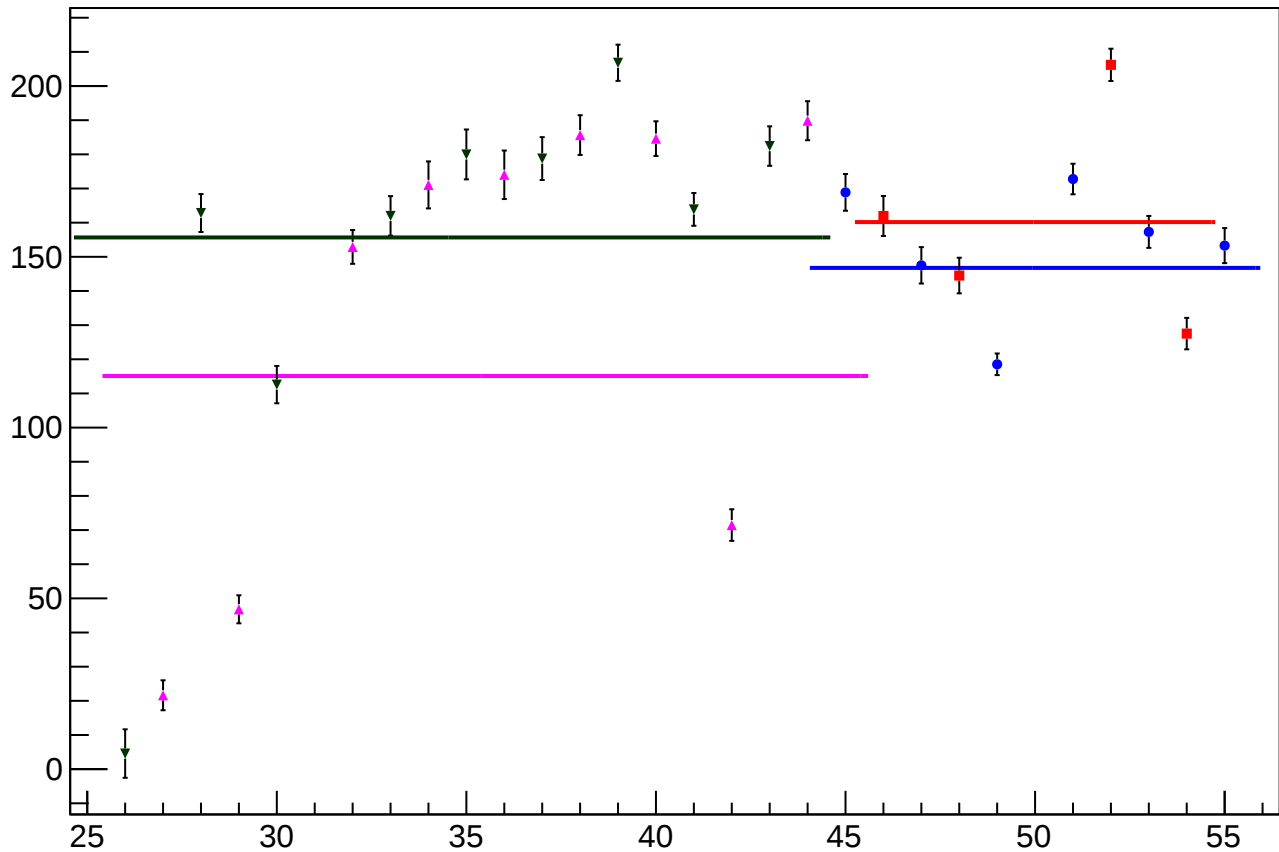
Right Out: -335.456+/-0.349 χ^2/NDF : 638.3/3

Left In: -353.066+/-0.242 χ^2/NDF :2507.5/8

-343.789+/-0.185 χ^2/NDF : 4907.2/14

-347.355+/-0.199 χ^2/NDF : 4863.4/12

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 146.760 $\pm$ 1.816 χ^2 /NDF: 136.9/5

Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF:660.3/8

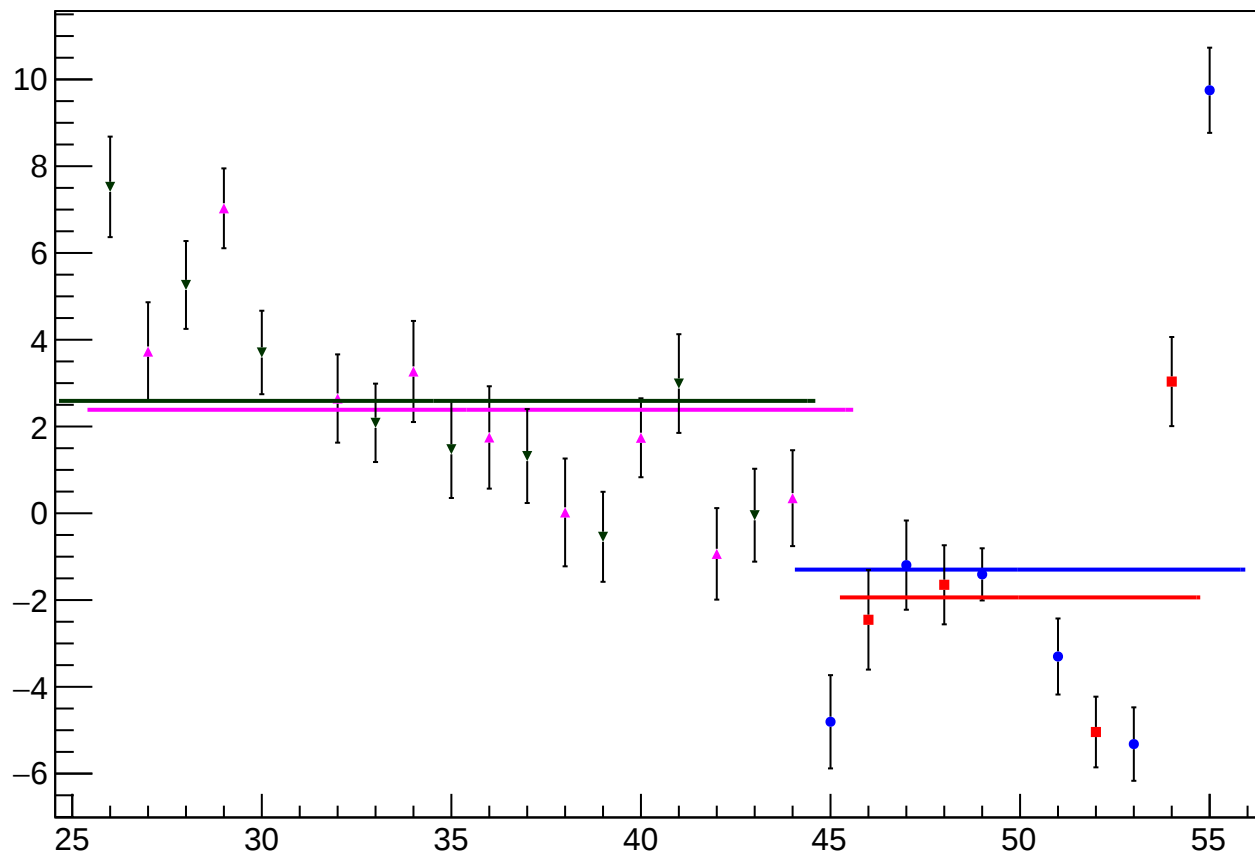
Right Out: 160.172 $\pm$ 2.517 χ^2 /NDF: 154.3/3

Left In: 115.103 $\pm$ 1.717 χ^2 /NDF:1520.3/8

150.948 $\pm$ 1.322 χ^2 /NDF: 808.6/14

129.423 $\pm$ 1.419 χ^2 /NDF: 1893.4/12

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: -1.298 ± 0.347 χ^2/NDF : 165.1/5

Left Out: 2.591 ± 0.348 χ^2/NDF : 44.4/8

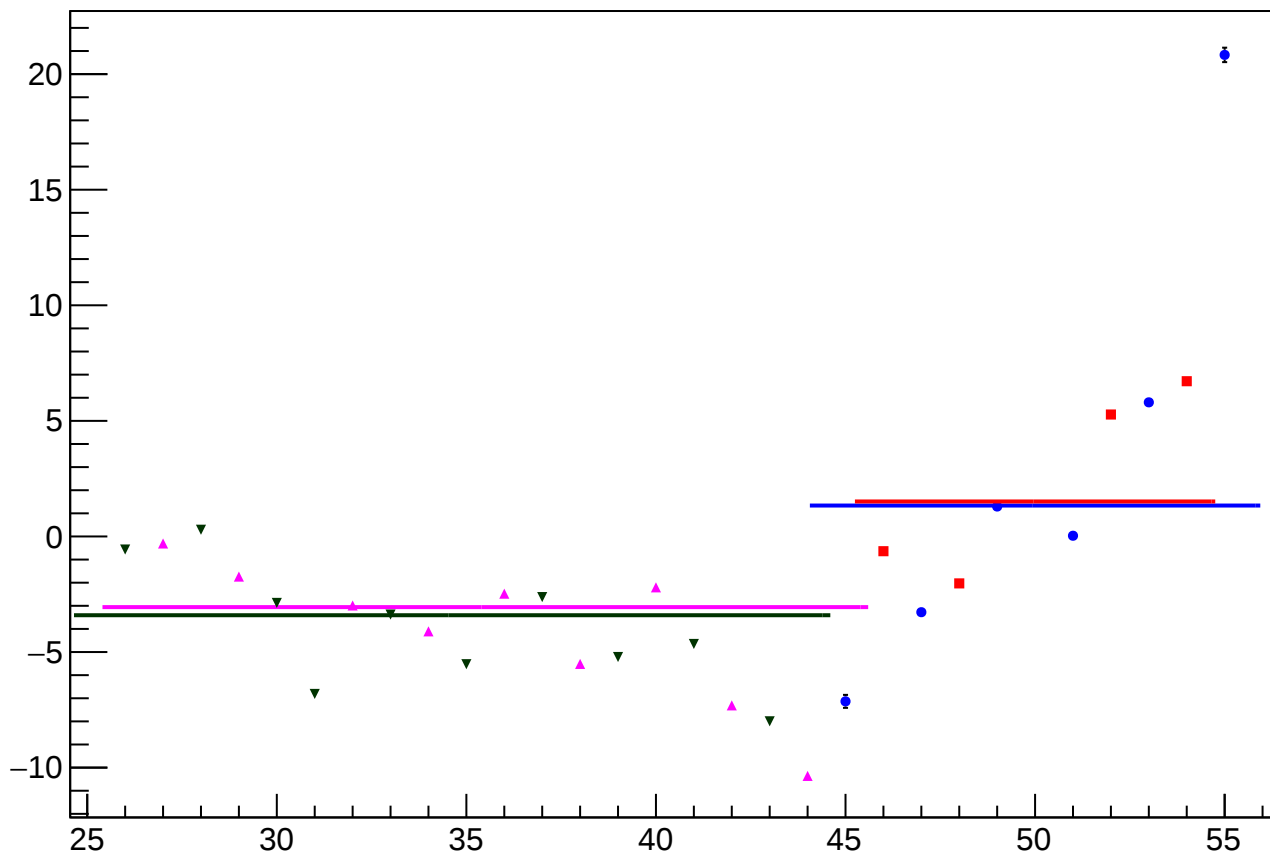
Right Out: -1.939 ± 0.476 χ^2/NDF : 38.3/3

Left In: 2.386 ± 0.355 χ^2/NDF : 45.2/8

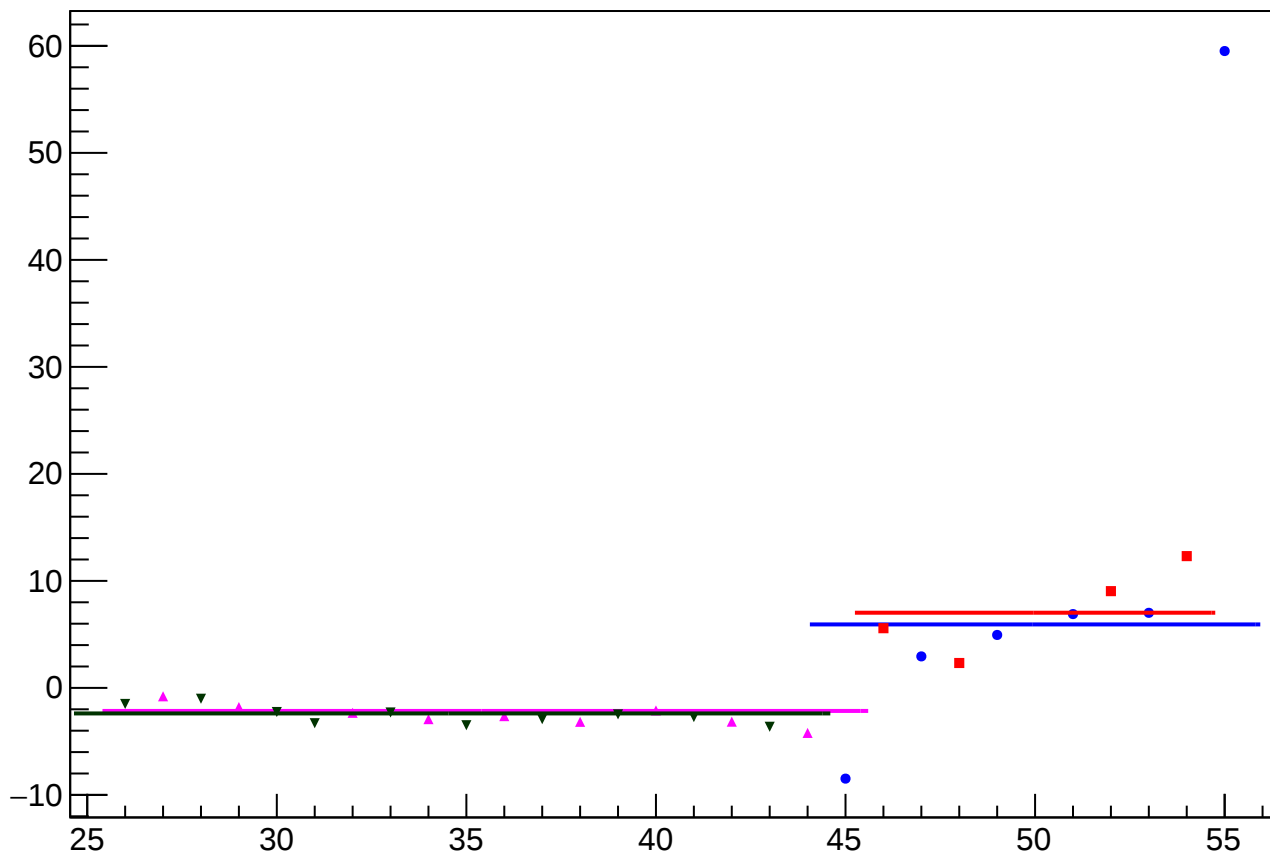
0.638 ± 0.246 χ^2/NDF : 272.1/14

0.841 ± 0.284 χ^2/NDF : 136.6/12

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 5.932 $\pm$ 0.053 χ^2 /NDF: 34802.8/5

Left Out: -2.387 $\pm$ 0.037 χ^2 /NDF: 474.3/9

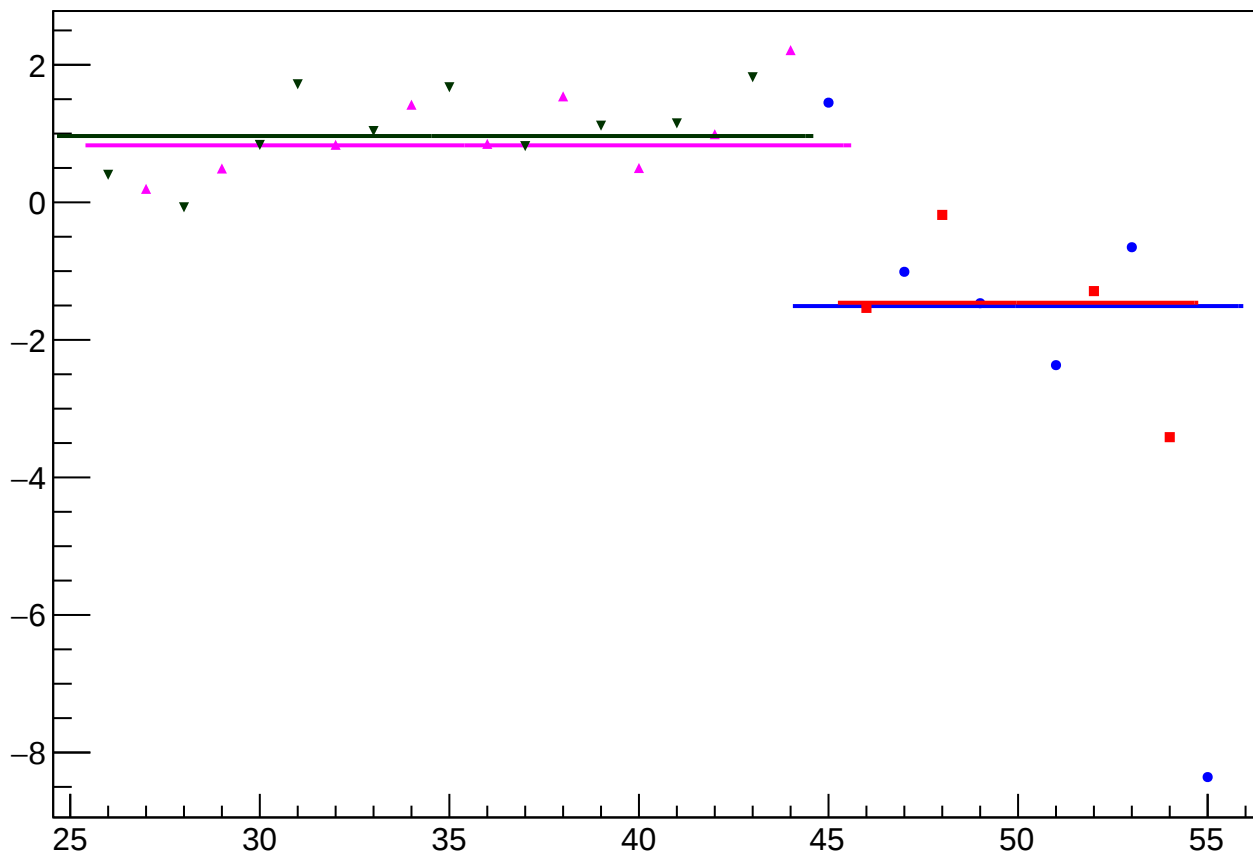
Right Out: 7.026 $\pm$ 0.071 χ^2 /NDF: 2802.1/3

Left In: -2.154 $\pm$ 0.032 χ^2 /NDF: 703.0/8

0.326 $\pm$ 0.030 χ^2 /NDF: 51977.7/15

-0.583 $\pm$ 0.030 χ^2 /NDF: 17181.2/12

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -1.508 ± 0.012 χ^2/NDF : 22243.3/5

Left Out: 0.965 ± 0.008 χ^2/NDF : 4725.8/9

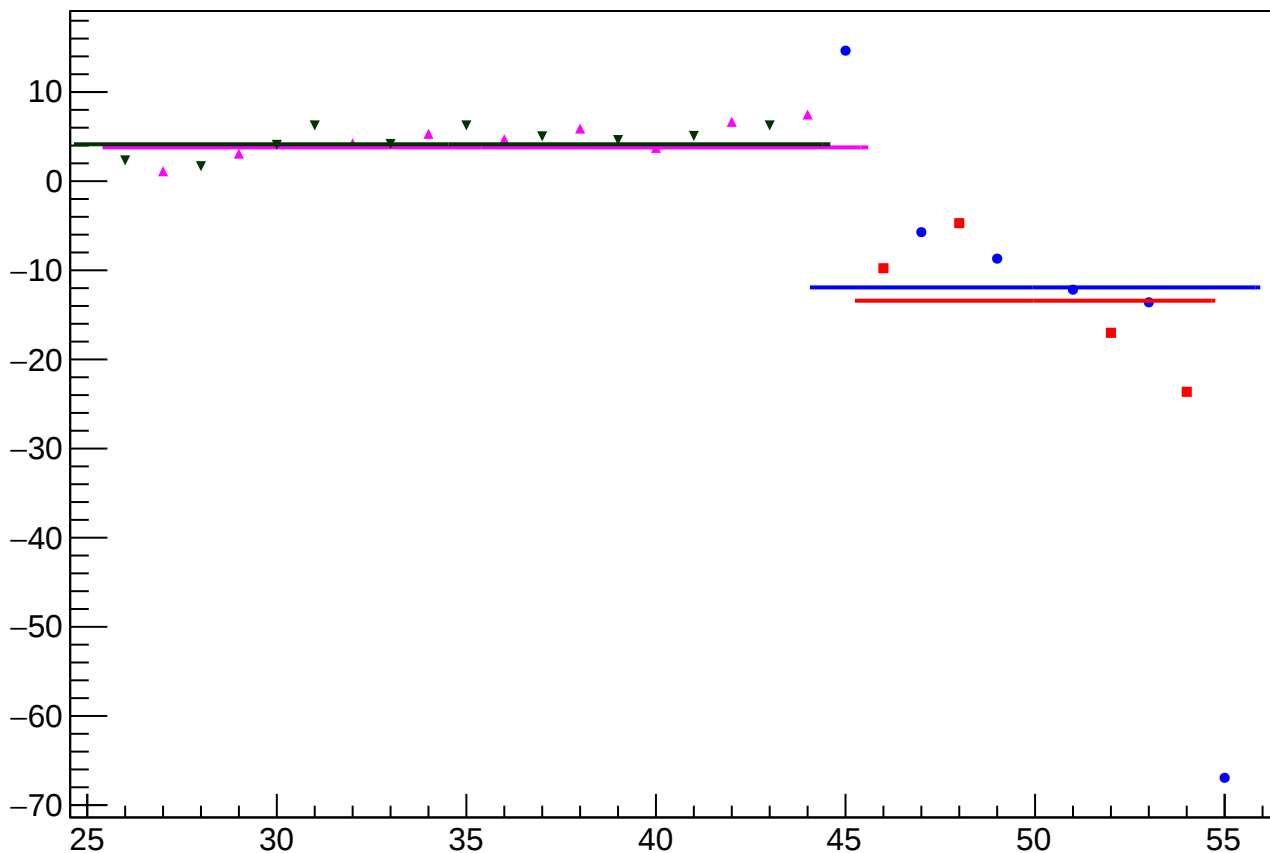
Right Out: -1.460 ± 0.016 χ^2/NDF : 5126.2/3

Left In: 0.829 ± 0.007 χ^2/NDF : 3974.8/8

0.248 ± 0.007 χ^2/NDF : 54849.2/15

0.415 ± 0.007 χ^2/NDF : 26156.9/12

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -11.921+/-0.087 χ^2/NDF : 34835.0/5

Left Out: 4.140+/-0.061 χ^2/NDF : 645.5/9

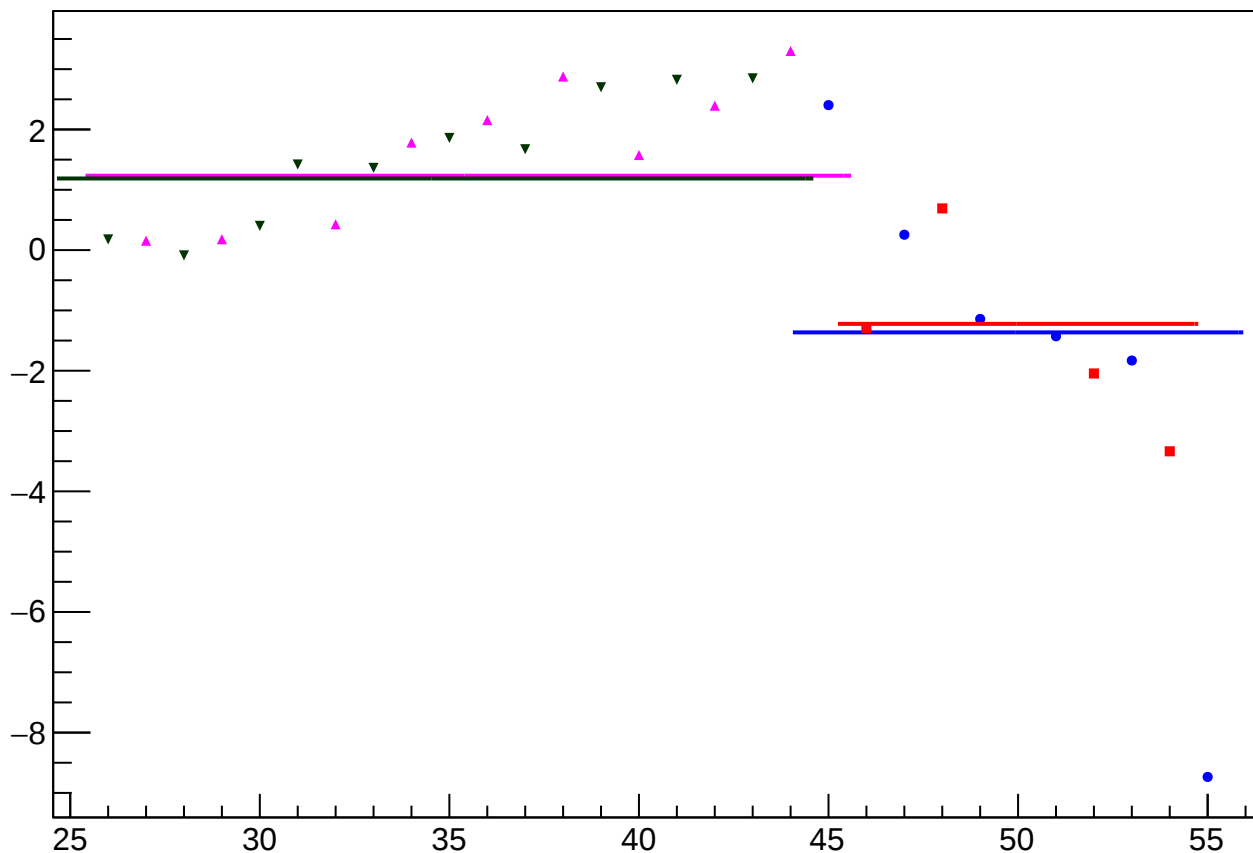
Right Out: -13.412+/-0.118 χ^2/NDF : 3843.8/3

Left In: 3.791+/-0.054 χ^2/NDF : 1110.1/8

-1.168+/-0.050 χ^2/NDF : 58535.8/15

0.835+/-0.049 χ^2/NDF : 22575.2/12

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -1.364 ± 0.016 χ^2/NDF : 18225.0/5

Left Out: 1.187 ± 0.011 χ^2/NDF : 8226.8/9

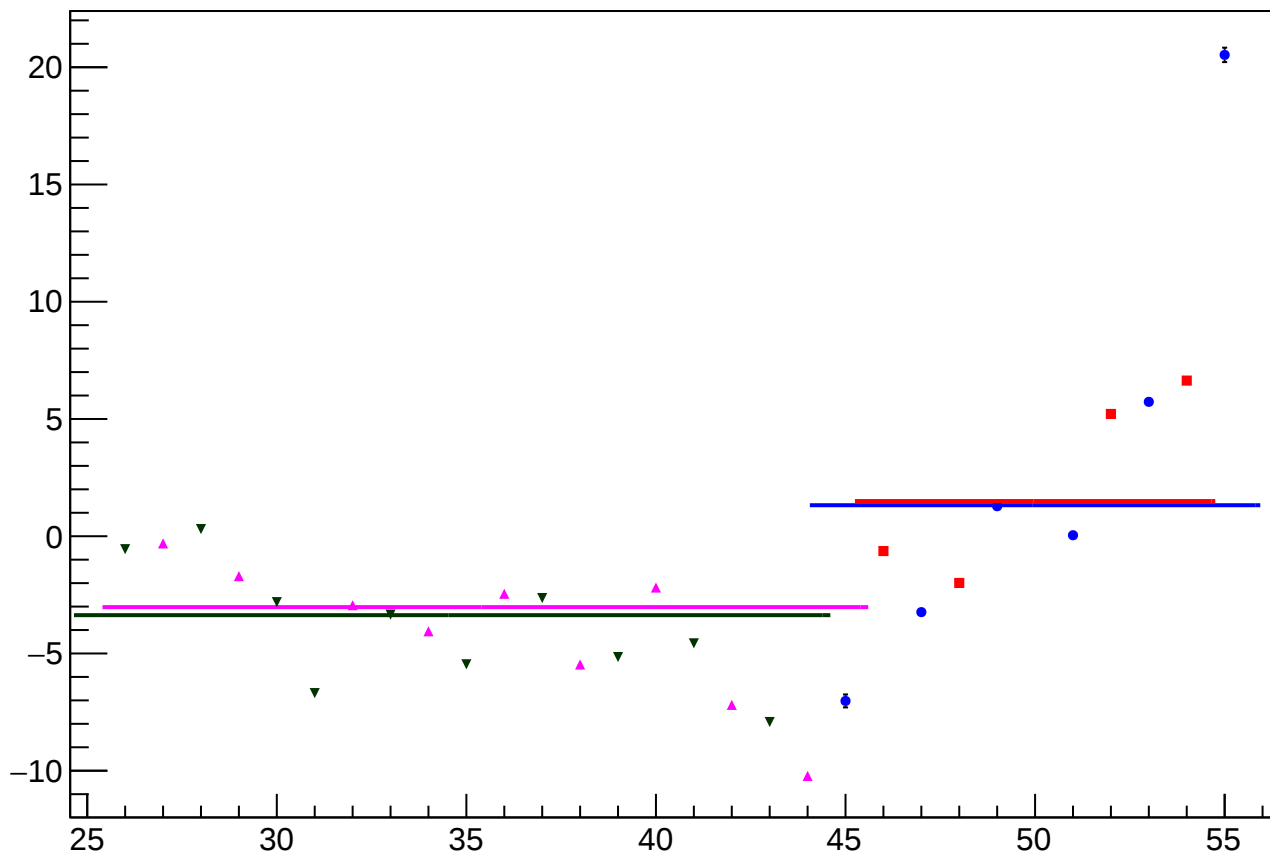
Right Out: -1.223 ± 0.022 χ^2/NDF : 4349.3/3

Left In: 1.234 ± 0.011 χ^2/NDF : 7863.3/8

0.432 ± 0.009 χ^2/NDF : 43368.4/15

0.741 ± 0.010 χ^2/NDF : 21939.8/12

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 1.322+/-0.067 χ^2/NDF : 6349.7/5

Left Out: -3.366+/-0.049 χ^2/NDF : 2347.4/9

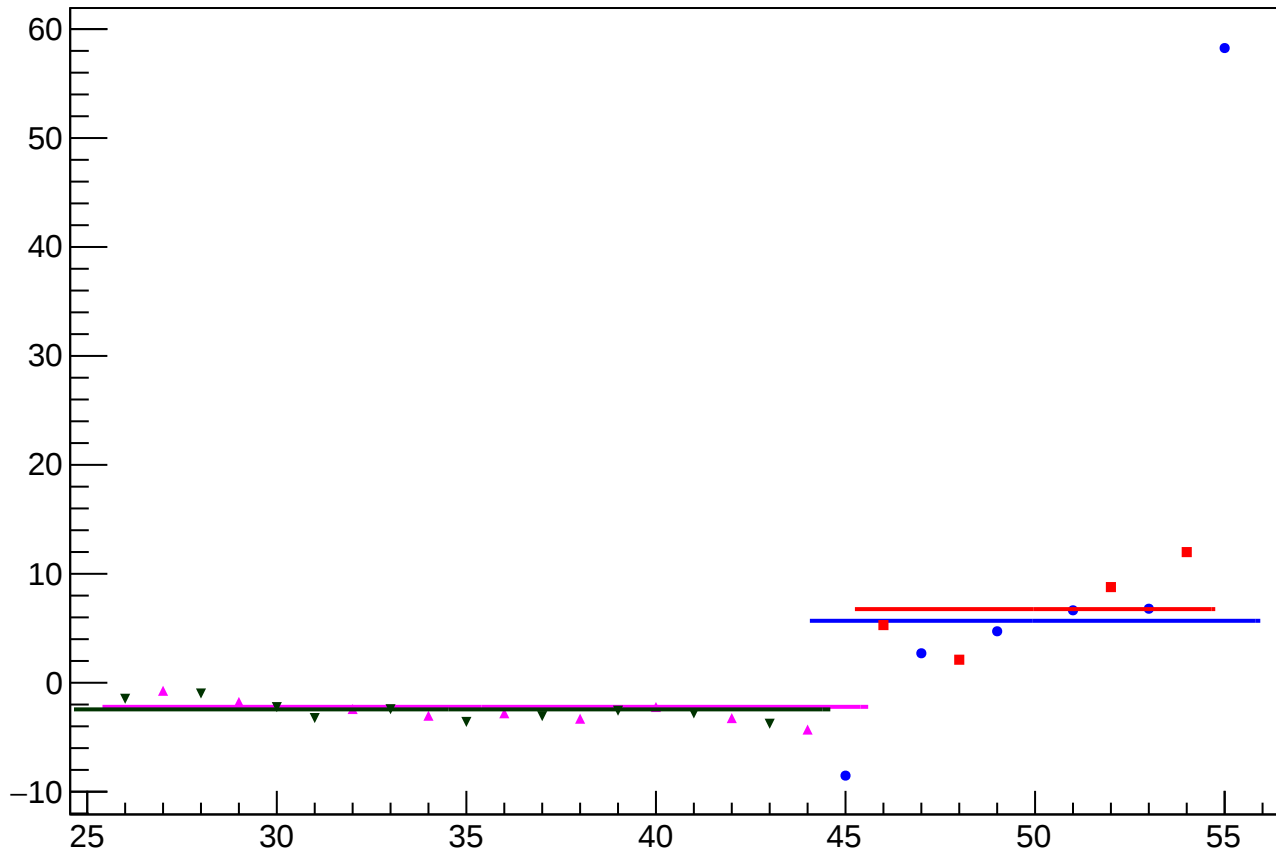
Right Out: 1.501+/-0.094 χ^2/NDF : 1529.6/3

Left In: -3.023+/-0.043 χ^2/NDF : 2701.7/8

-1.740+/-0.039 χ^2/NDF : 11928.6/15

-2.224+/-0.039 χ^2/NDF : 6146.0/12

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 5.687+/-0.052 χ^2/NDF : 34607.4/5

Left Out: -2.444+/-0.036 χ^2/NDF : 547.3/9

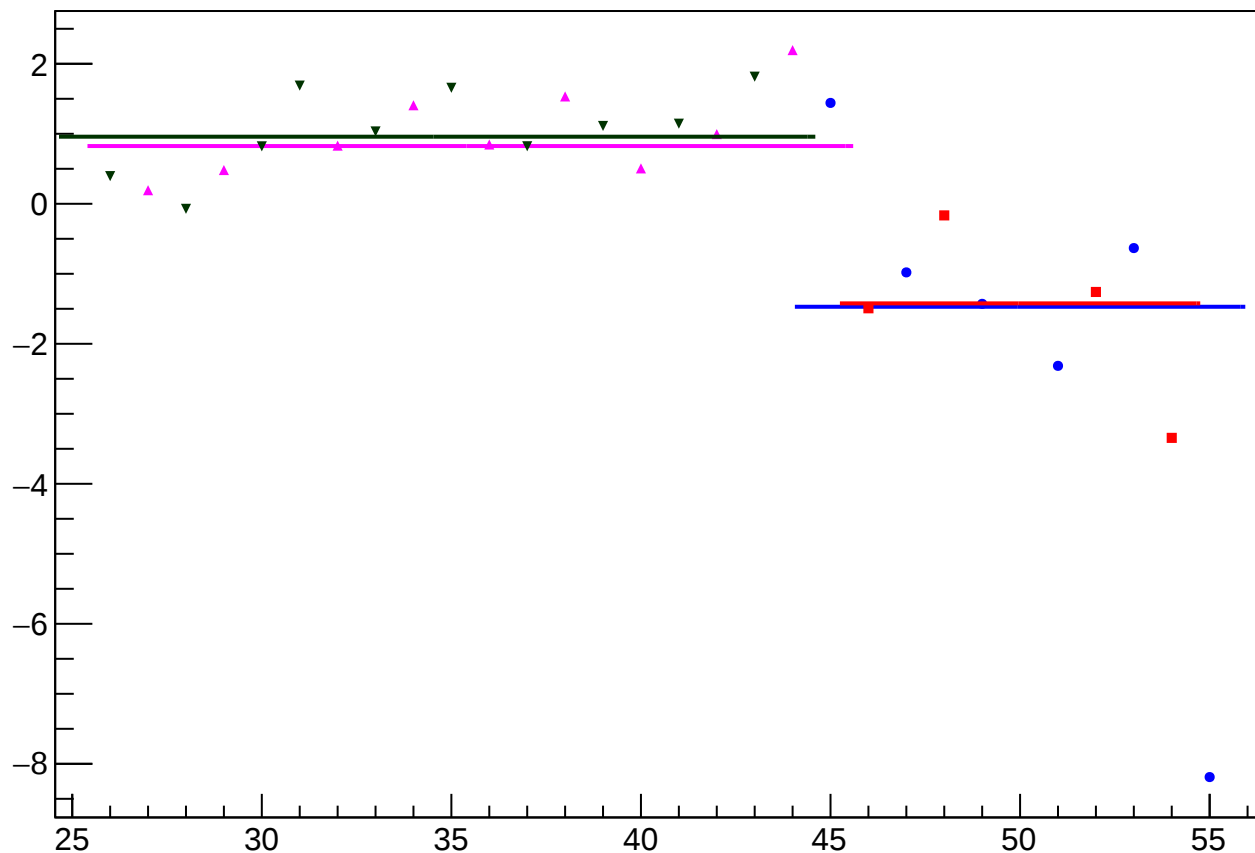
Right Out: 6.760+/-0.070 χ^2/NDF : 2831.0/3

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

0.210+/-0.030 χ^2/NDF : 51559.7/15

-0.671+/-0.029 χ^2/NDF : 17079.9/12

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.471 ± 0.012 χ^2/NDF : 22093.4/5

Left Out: 0.958 ± 0.008 χ^2/NDF : 4774.0/9

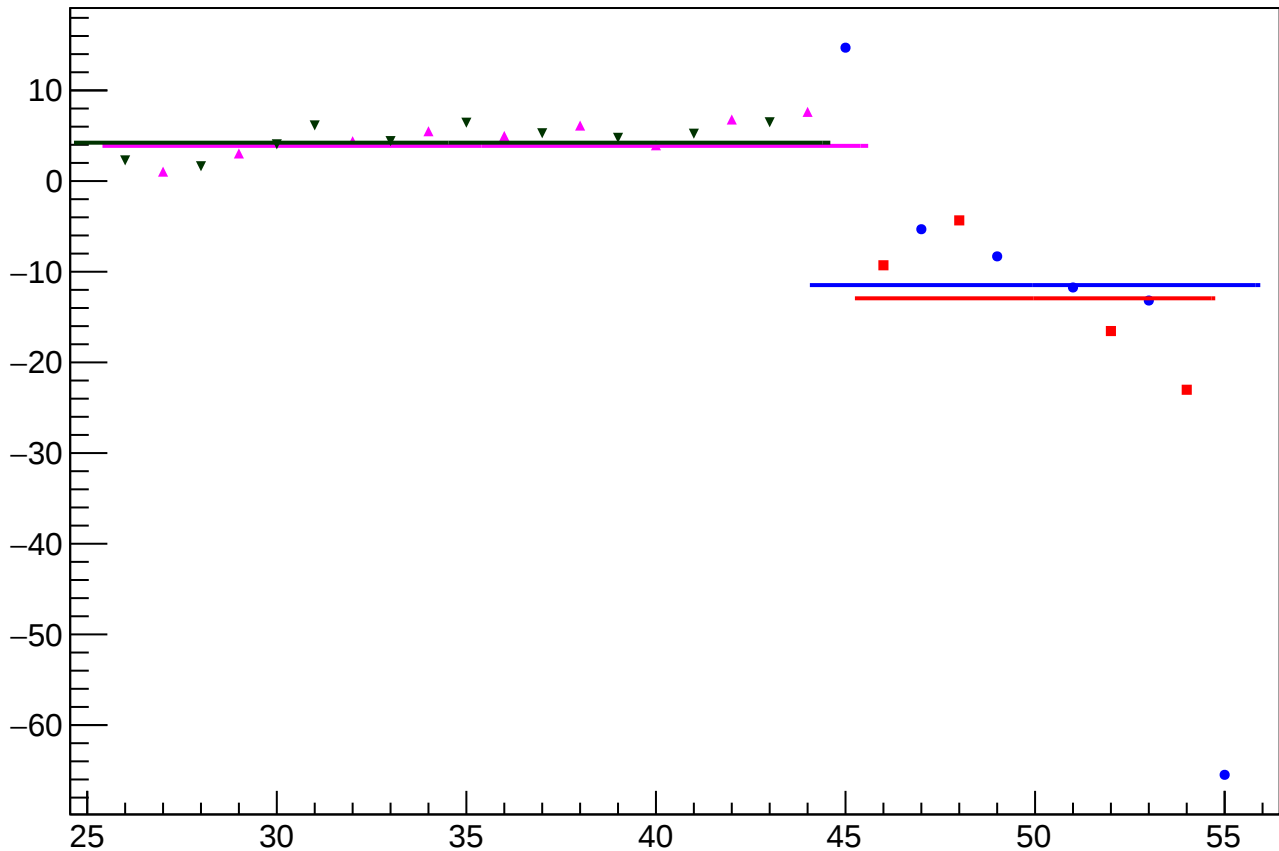
Right Out: -1.423 ± 0.016 χ^2/NDF : 5104.1/3

Left In: 0.825 ± 0.007 χ^2/NDF : 4028.8/8

0.254 ± 0.007 χ^2/NDF : 54547.0/15

0.418 ± 0.007 χ^2/NDF : 26043.4/12

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -11.474 ± 0.085 χ^2/NDF : 34676.3/5

Left Out: 4.233 ± 0.060 χ^2/NDF : 734.7/9

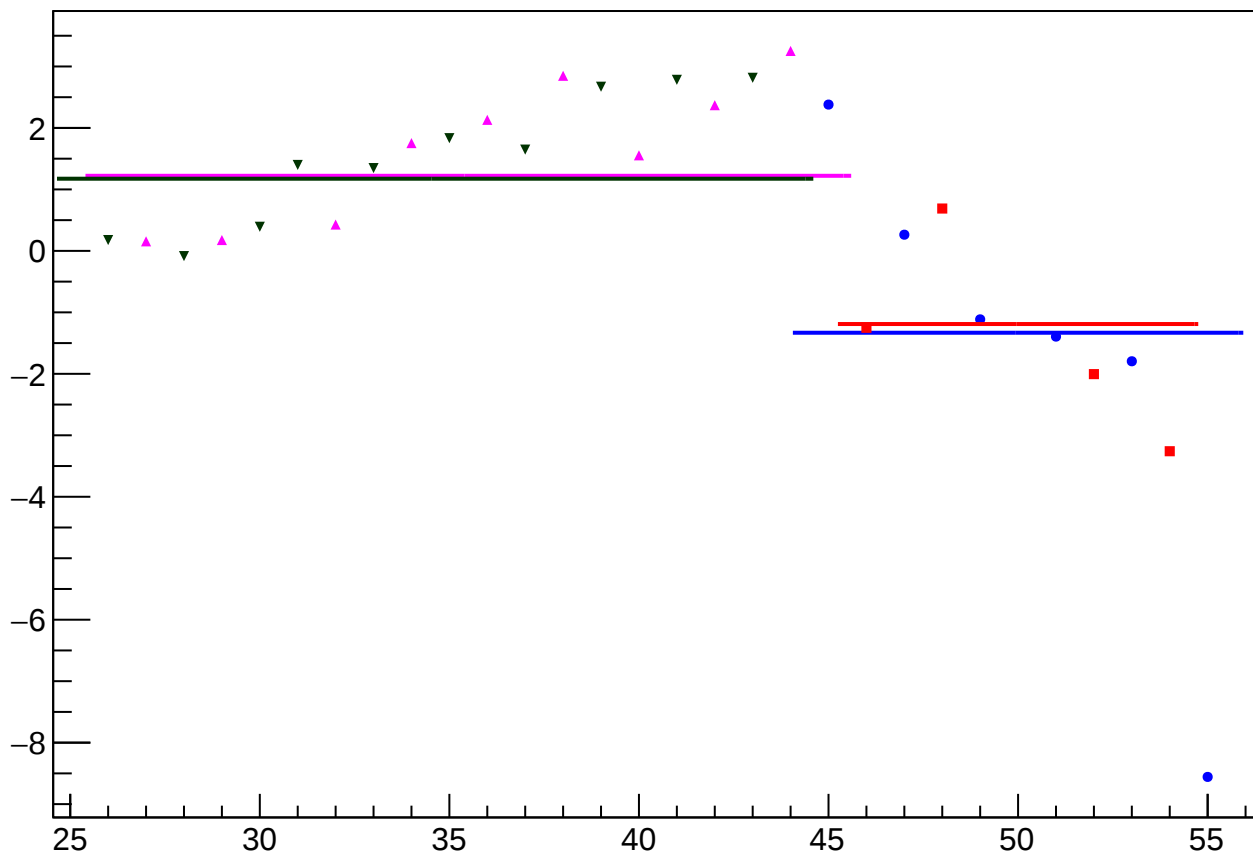
Right Out: -12.932 ± 0.116 χ^2/NDF : 3870.8/3

Left In: 3.882 ± 0.053 χ^2/NDF : 1264.0/8

-0.963 ± 0.049 χ^2/NDF : 58084.9/15

0.986 ± 0.048 χ^2/NDF : 22443.2/12

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.332+/-0.016 χ^2/NDF : 18096.9/5

Left Out: 1.174+/-0.011 χ^2/NDF : 8236.9/9

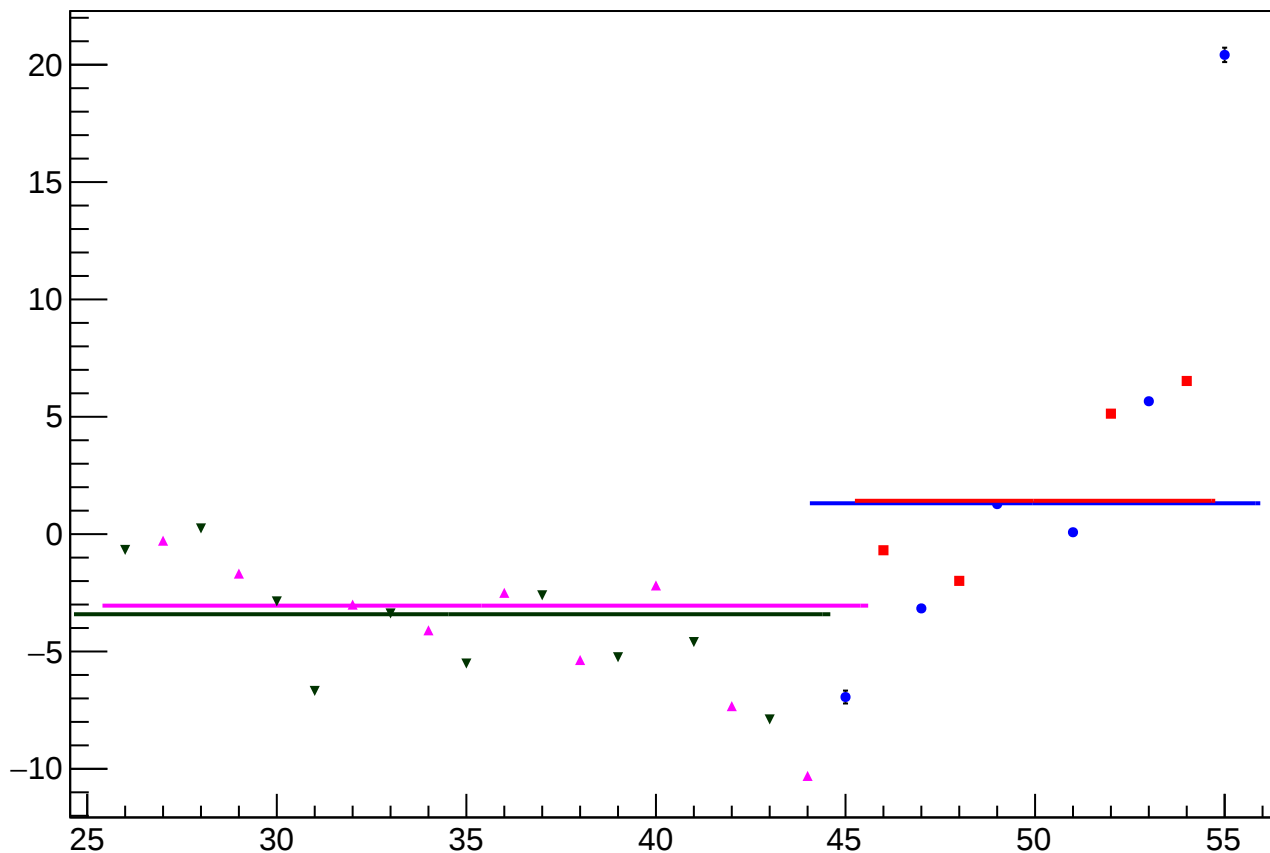
Right Out: -1.190+/-0.022 χ^2/NDF : 4313.2/3

Left In: 1.222+/-0.011 χ^2/NDF : 7856.5/8

0.432+/-0.009 χ^2/NDF : 43104.7/15

0.738+/-0.010 χ^2/NDF : 21807.4/12

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 1.315 ± 0.066 χ^2/NDF : 6310.2/5

Left Out: -3.413 ± 0.048 χ^2/NDF : 2330.4/9

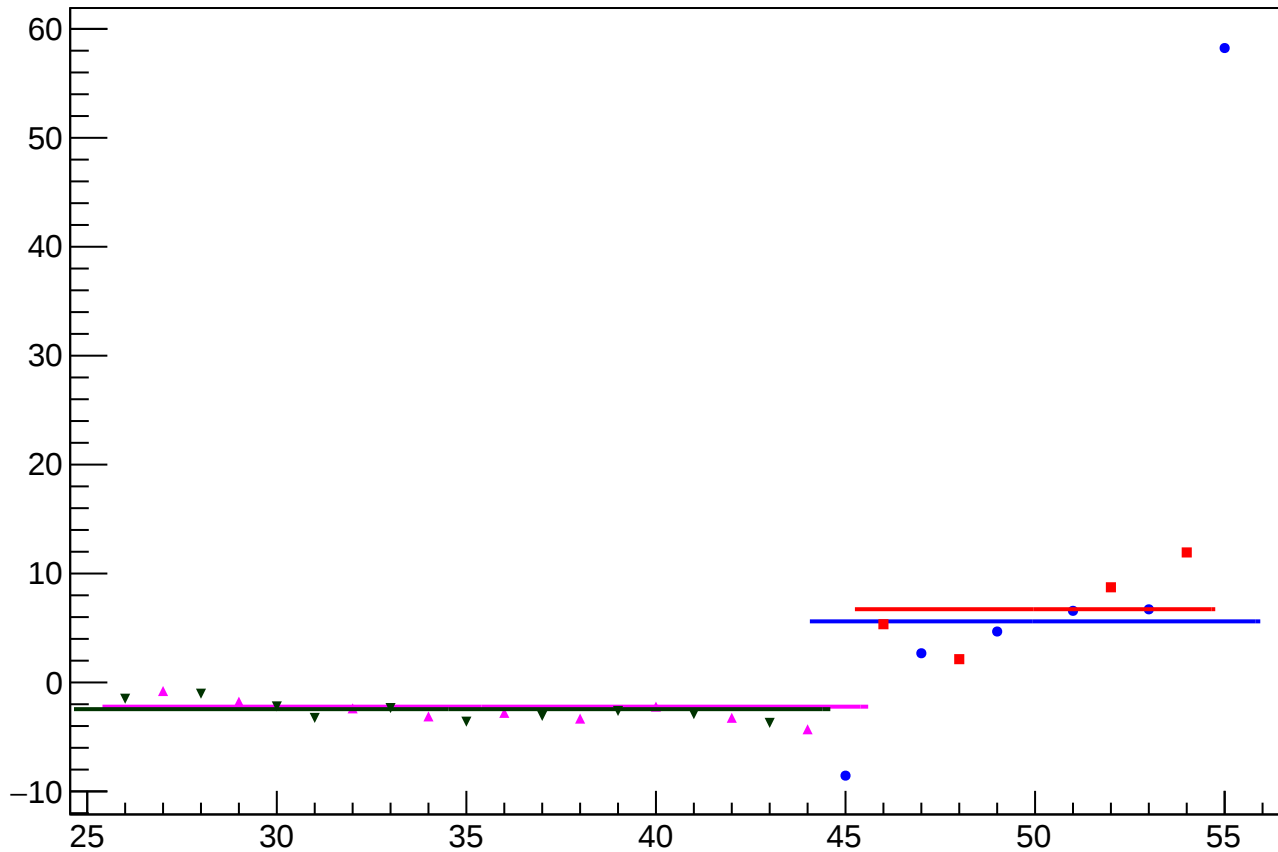
Right Out: 1.421 ± 0.093 χ^2/NDF : 1522.6/3

Left In: -3.046 ± 0.043 χ^2/NDF : 2807.6/8

-1.779 ± 0.039 χ^2/NDF : 11981.8/15

-2.261 ± 0.039 χ^2/NDF : 6239.4/12

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 5.609 $\pm$ 0.052 χ^2 /NDF: 34855.6/5

Left Out: -2.451 $\pm$ 0.036 χ^2 /NDF: 538.5/9

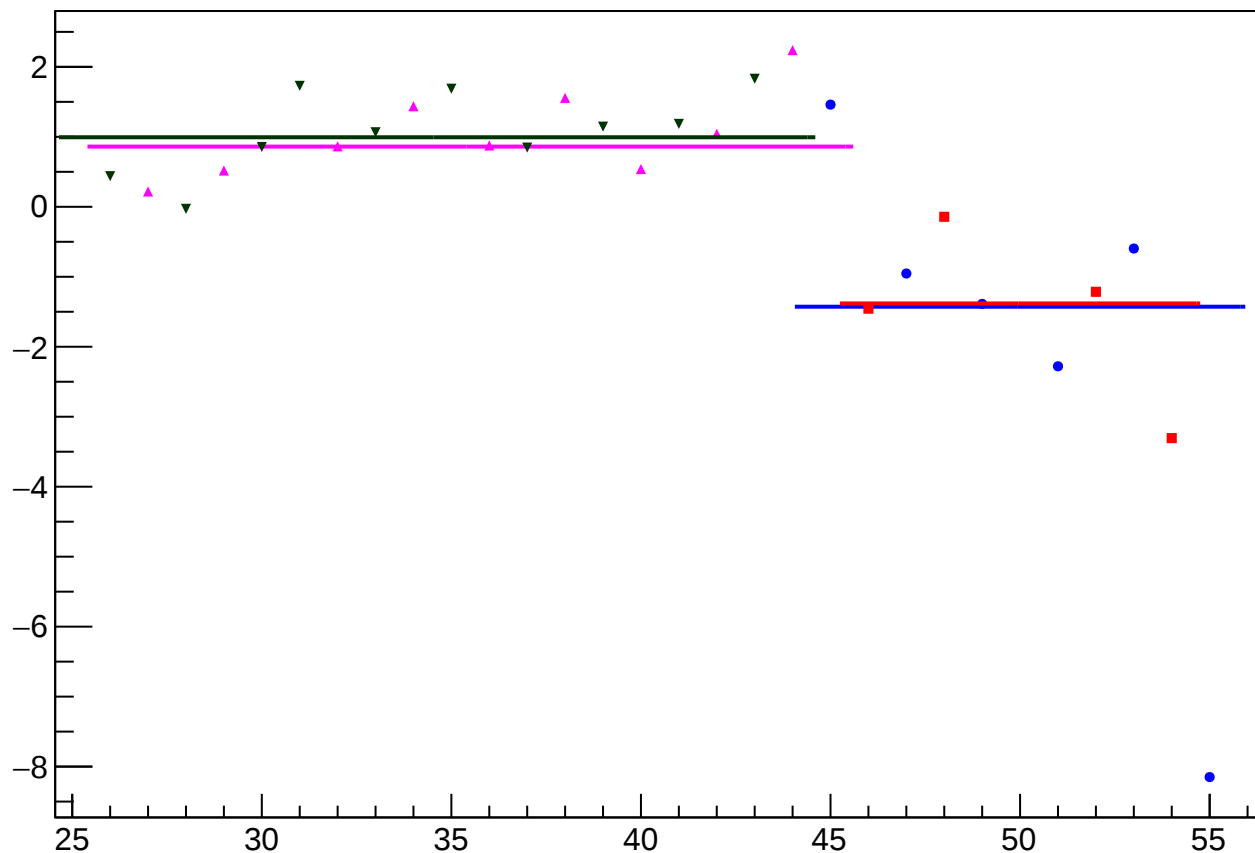
Right Out: 6.725 $\pm$ 0.070 χ^2 /NDF: 2825.6/3

Left In: -2.223 $\pm$ 0.032 χ^2 /NDF: 822.3/8

0.175 $\pm$ 0.030 χ^2 /NDF: 51771.9/15

-0.695 $\pm$ 0.029 χ^2 /NDF: 17301.9/12

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.428 ± 0.012 χ^2/NDF : 22174.3/5

Left Out: 0.294 ± 0.007 χ^2/NDF : 54890.0/15

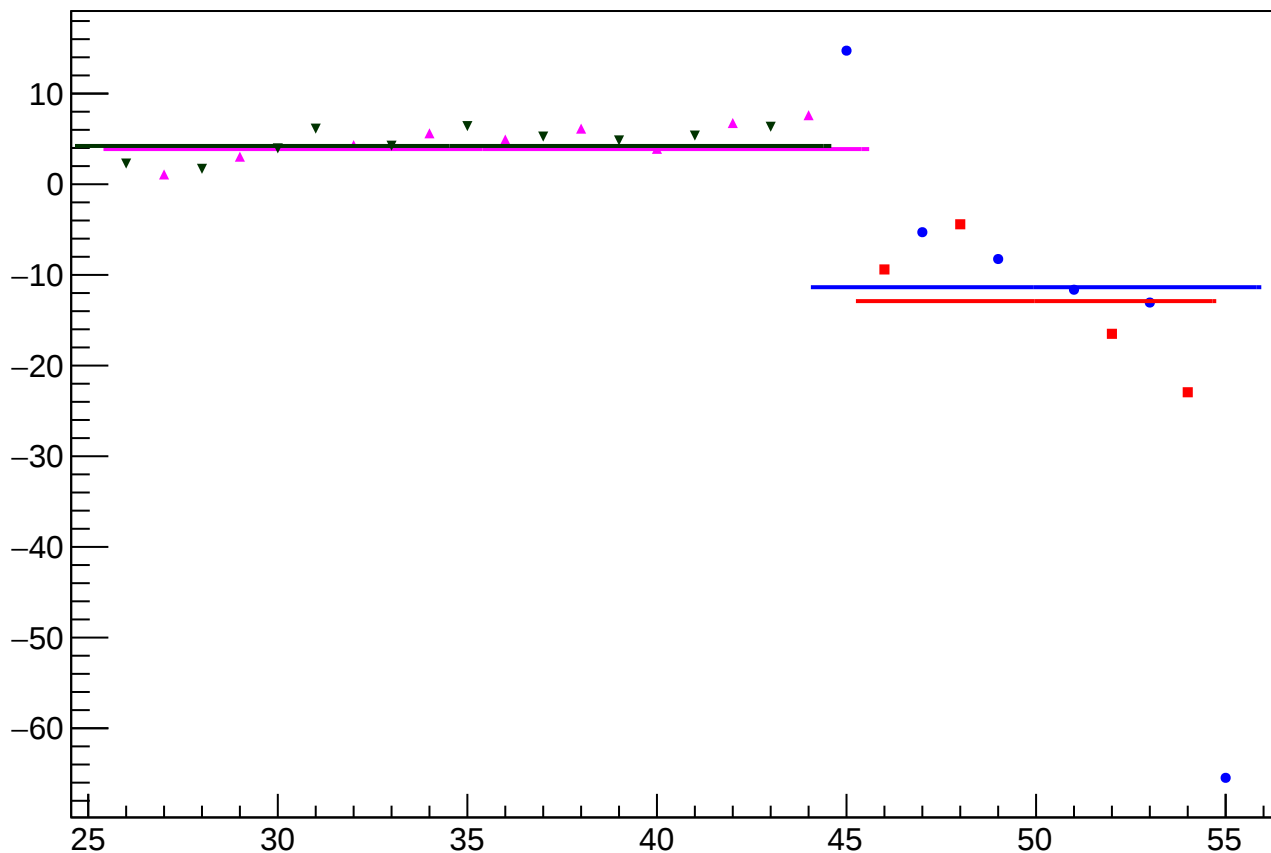
Right Out: -1.381 ± 0.015 χ^2/NDF : 5137.4/3

Left In: 0.861 ± 0.007 χ^2/NDF : 4134.7/8

0.294 ± 0.007 χ^2/NDF : 54890.0/15

0.457 ± 0.007 χ^2/NDF : 26467.3/12

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -11.356+/-0.085 χ^2/NDF : 34950.2/5

Left Out: 4.222+/-0.059 χ^2/NDF : 718.8/9

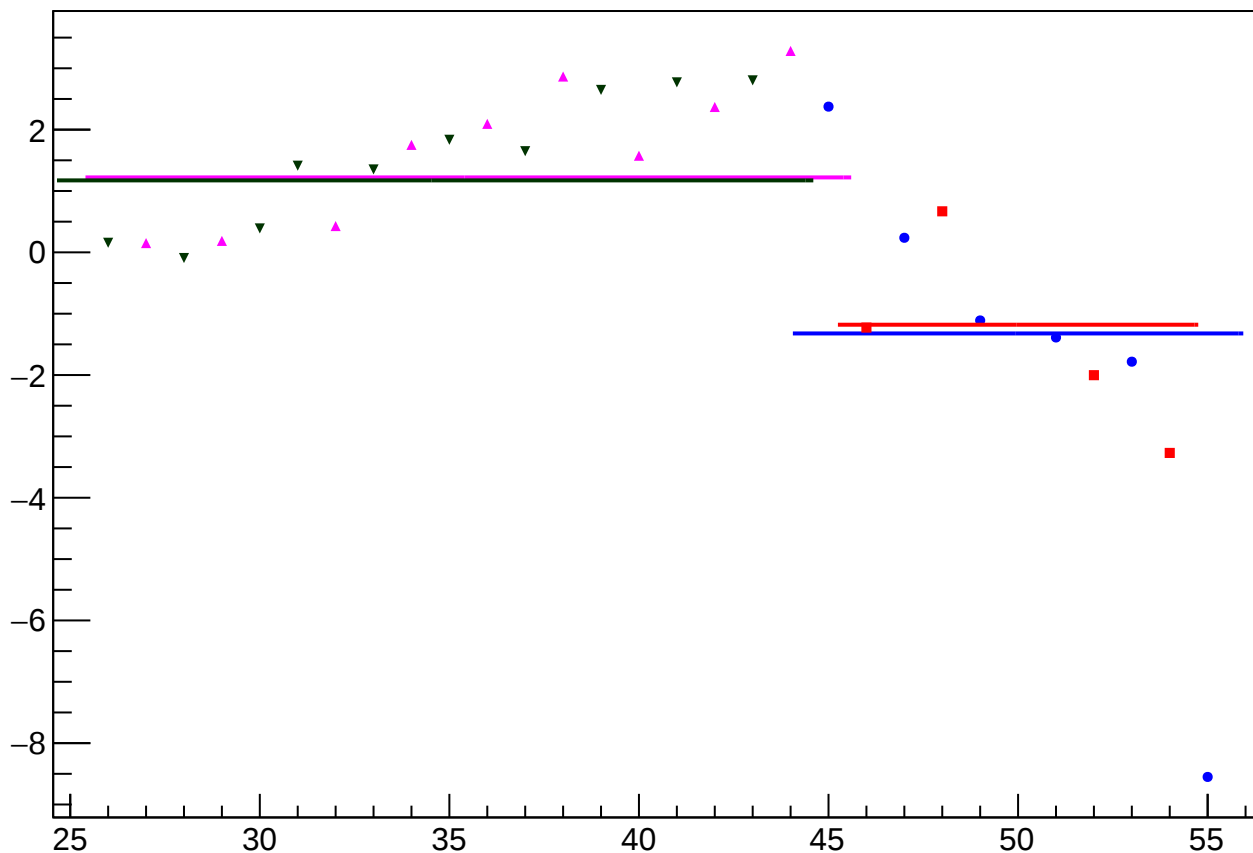
Right Out: -12.890+/-0.115 χ^2/NDF : 3863.2/3

Left In: 3.878+/-0.052 χ^2/NDF : 1271.0/8

-0.923+/-0.049 χ^2/NDF : 58318.5/15

1.003+/-0.048 χ^2/NDF : 22724.6/12

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.322 ± 0.016 χ^2/NDF : 18175.7/5

Left Out: 1.173 ± 0.010 χ^2/NDF : 8374.7/9

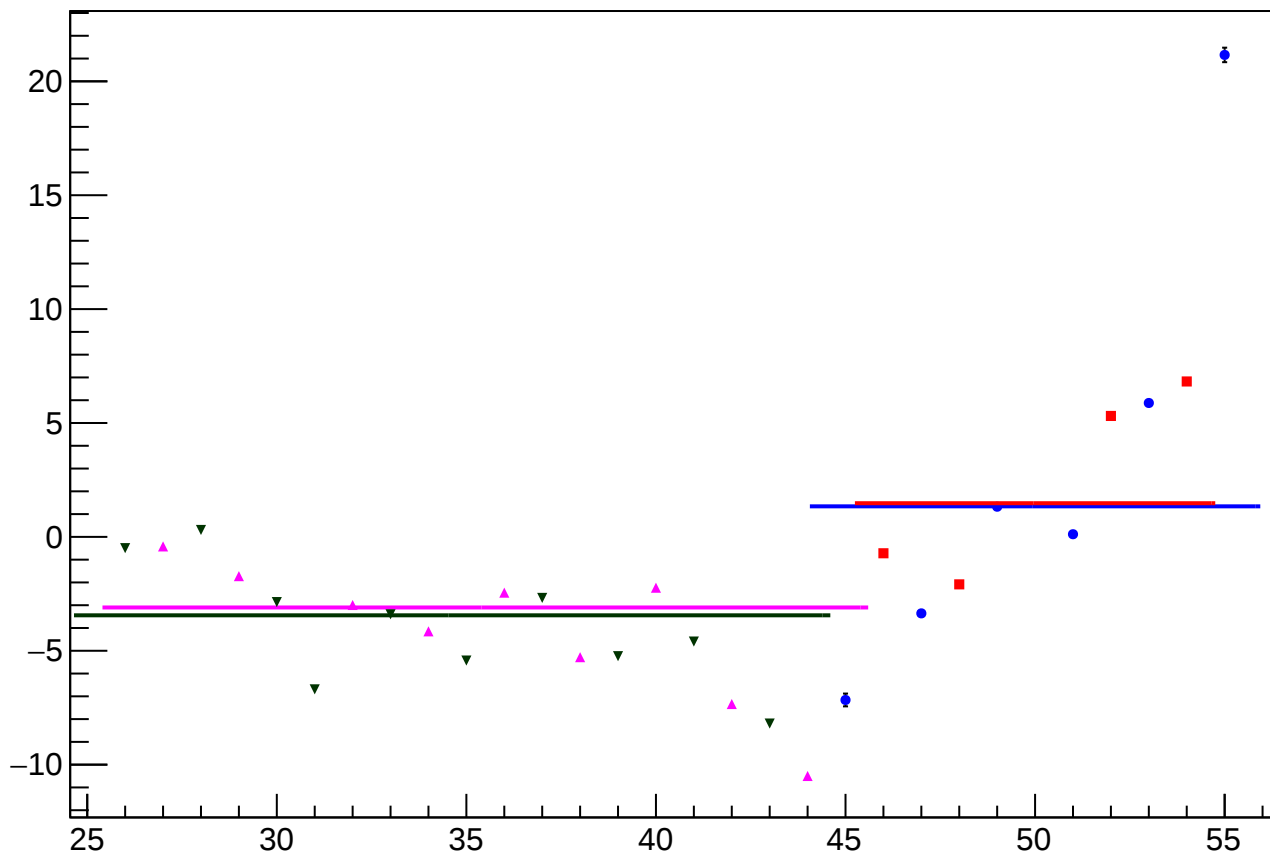
Right Out: -1.180 ± 0.022 χ^2/NDF : 4365.7/3

Left In: 1.221 ± 0.011 χ^2/NDF : 8099.0/8

0.435 ± 0.009 χ^2/NDF : 43420.8/15

0.740 ± 0.010 χ^2/NDF : 22234.3/12

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 1.341+/-0.068 χ^2/NDF : 6356.4/5

Left Out: -3.443+/-0.049 χ^2/NDF : 2365.7/9

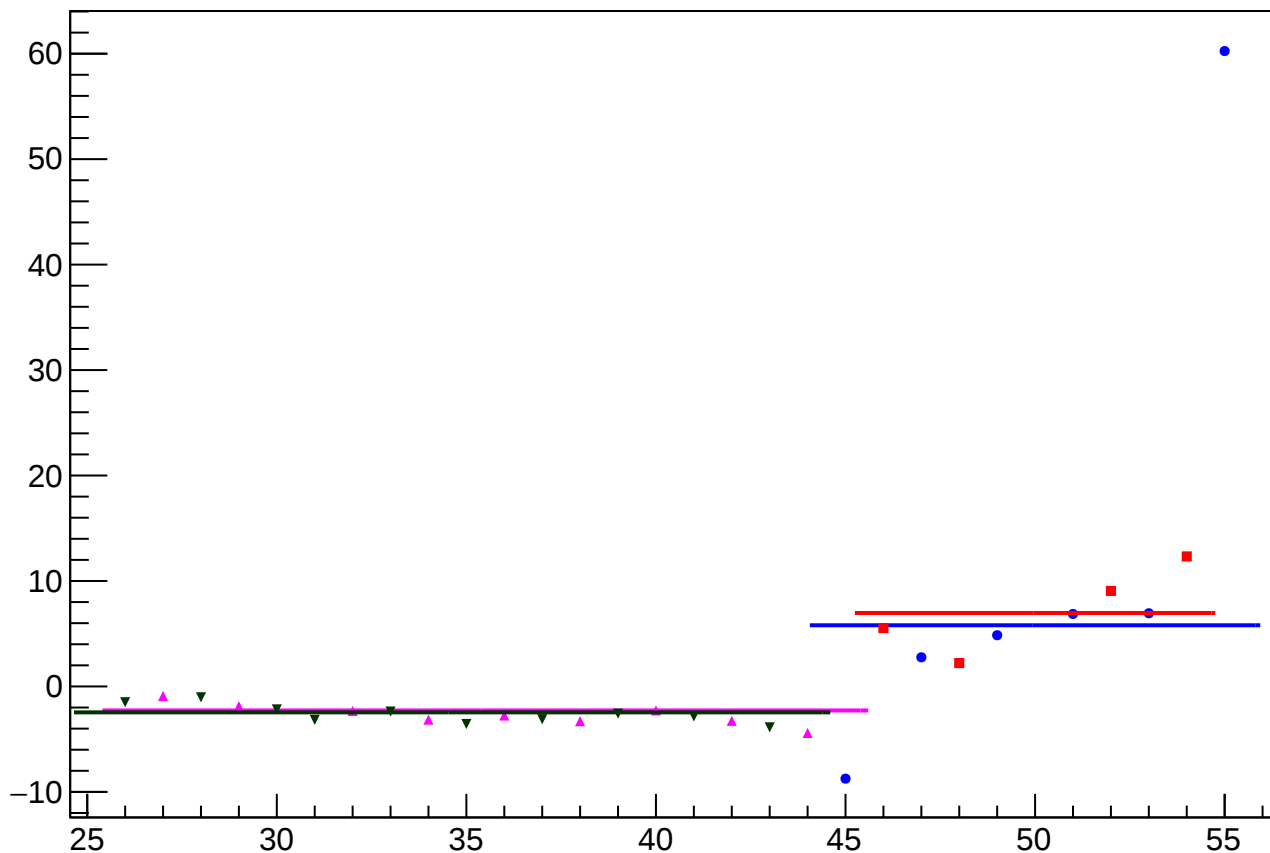
Right Out: 1.478+/-0.096 χ^2/NDF : 1539.5/3

Left In: -3.099+/-0.043 χ^2/NDF : 2713.8/8

-1.834+/-0.040 χ^2/NDF : 11971.0/15

-2.327+/-0.040 χ^2/NDF : 6135.6/12

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 5.800+/-0.053 χ^2/NDF : 34759.3/5

Left Out: -2.458+/-0.036 χ^2/NDF : 528.1/9

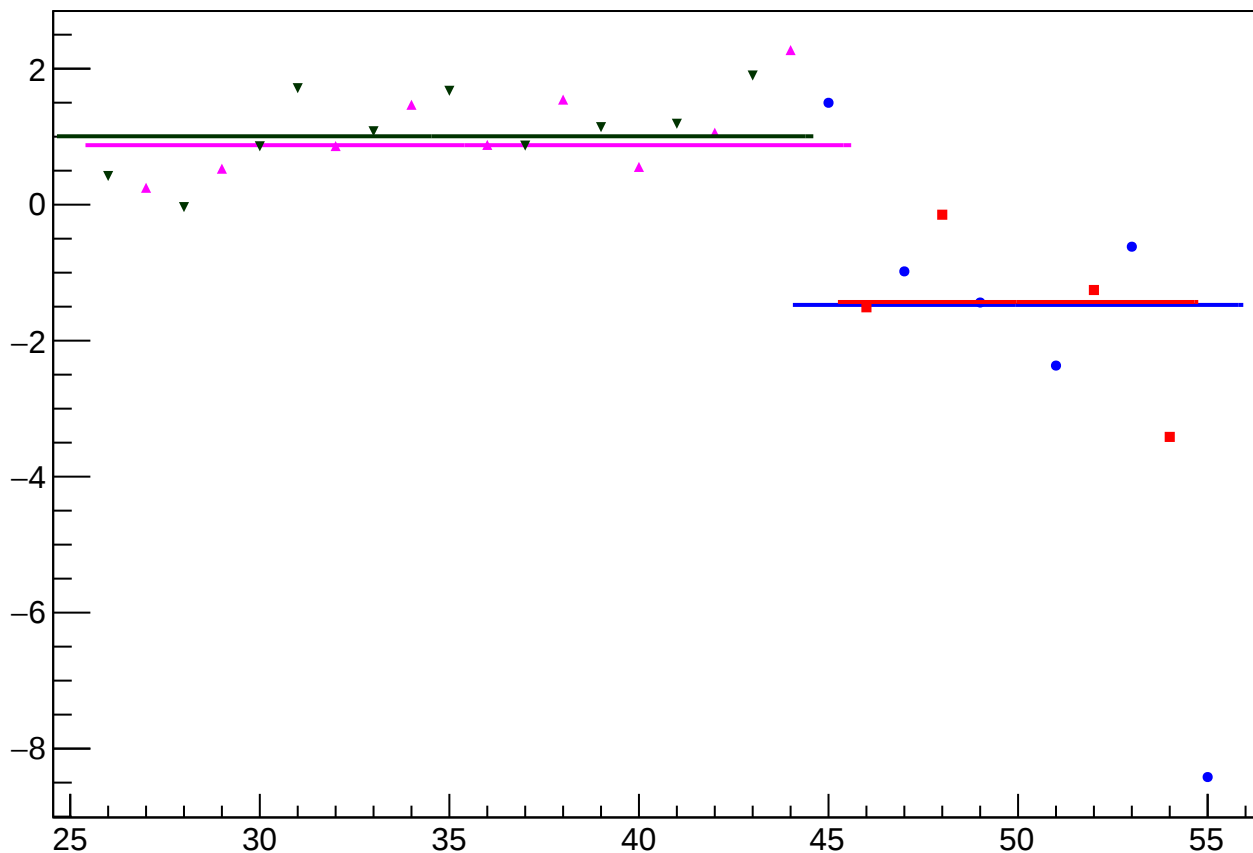
Right Out: 6.965+/-0.072 χ^2/NDF : 2800.2/3

Left In: -2.276+/-0.032 χ^2/NDF : 728.7/8

0.155+/-0.030 χ^2/NDF : 51602.6/15

-0.757+/-0.029 χ^2/NDF : 17209.6/12

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -1.474 ± 0.013 χ^2/NDF : 22138.0/5

Left Out: 1.006 ± 0.008 χ^2/NDF : 4706.2/9

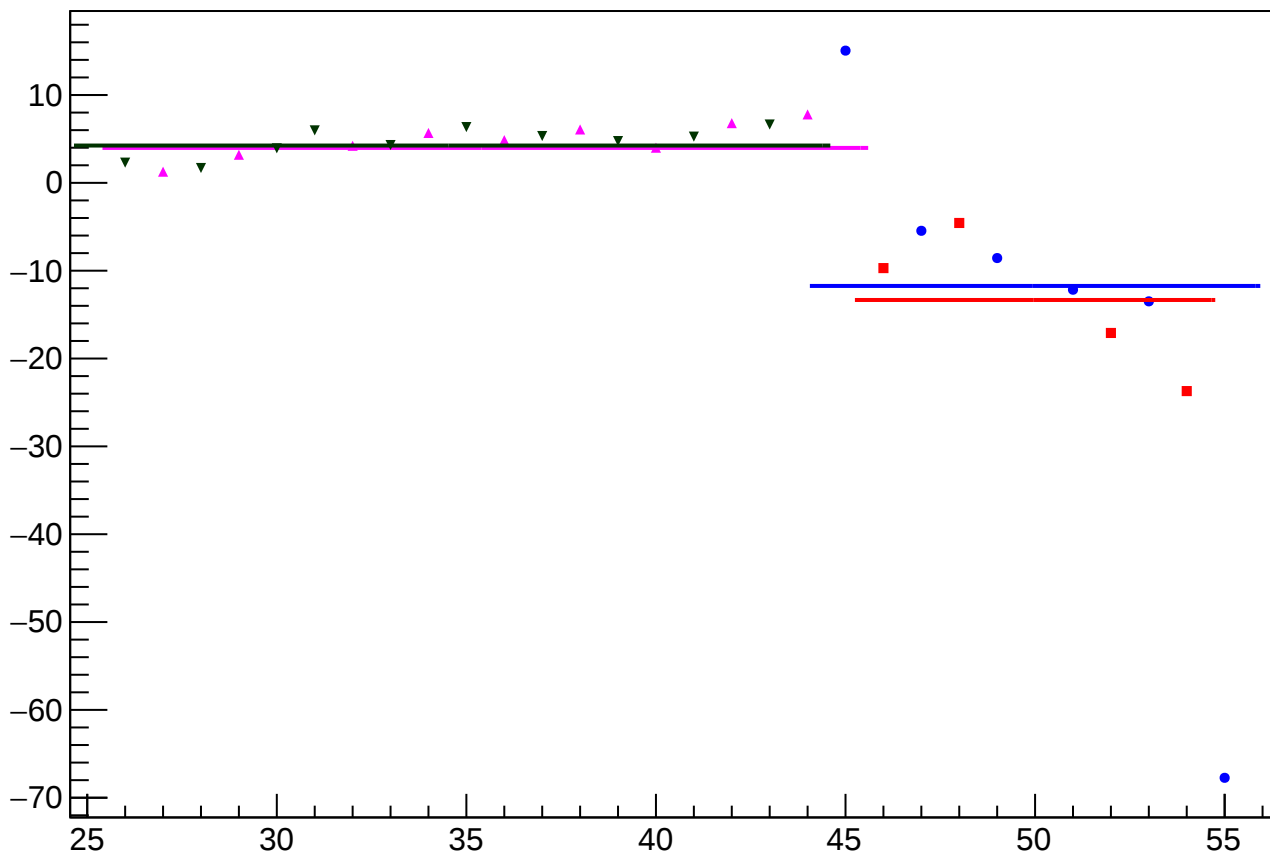
Right Out: -1.431 ± 0.016 χ^2/NDF : 5098.5/3

Left In: 0.875 ± 0.007 χ^2/NDF : 3999.8/8

0.311 ± 0.007 χ^2/NDF : 54635.8/15

0.477 ± 0.007 χ^2/NDF : 26200.6/12

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -11.735+/-0.088 χ^2/NDF : 34869.5/5

Left Out: 4.248+/-0.060 χ^2/NDF : 701.0/9

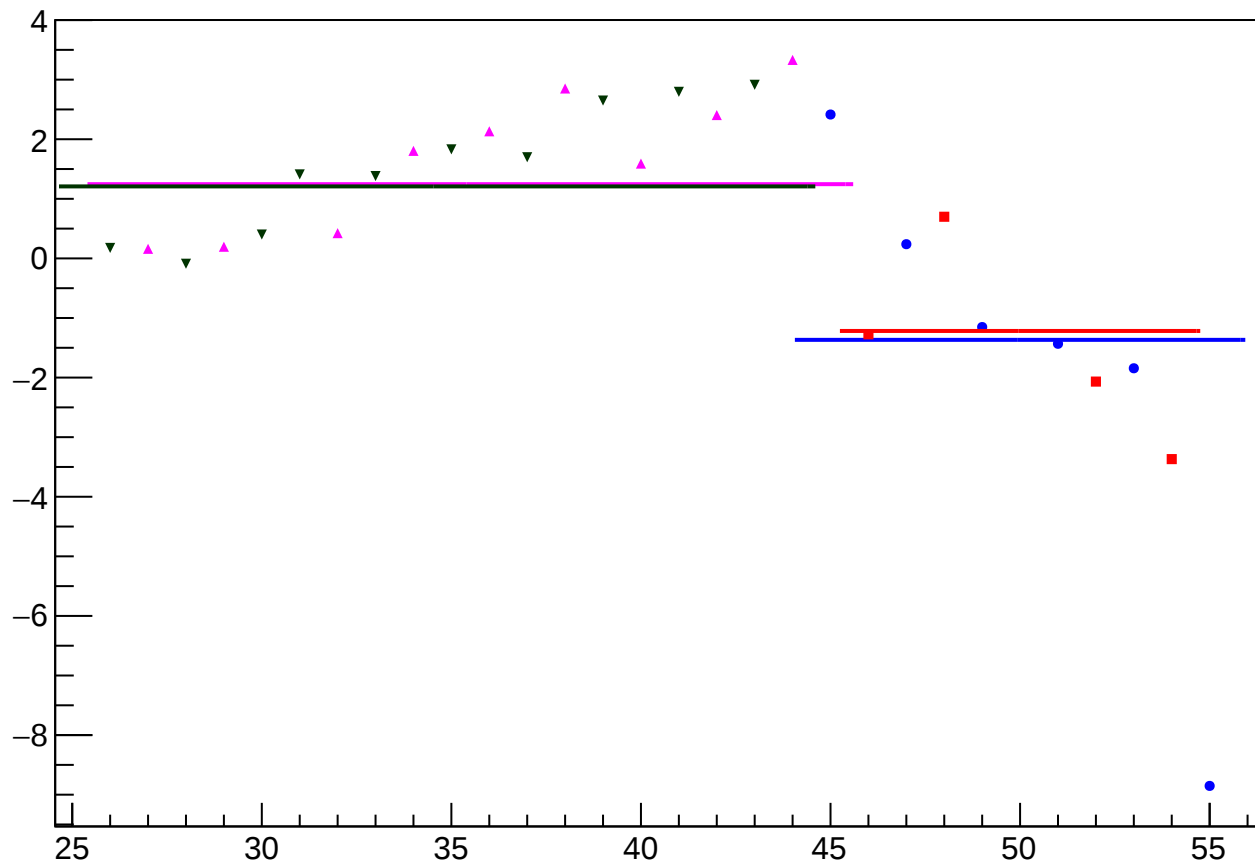
Right Out: -13.334+/-0.119 χ^2/NDF : 3838.1/3

Left In: 3.978+/-0.053 χ^2/NDF : 1142.7/8

-0.882+/-0.050 χ^2/NDF : 58192.8/15

1.118+/-0.048 χ^2/NDF : 22588.1/12

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -1.367+/-0.017 χ^2/NDF : 18106.7/5

Left Out: 1.208+/-0.011 χ^2/NDF : 8311.9/9

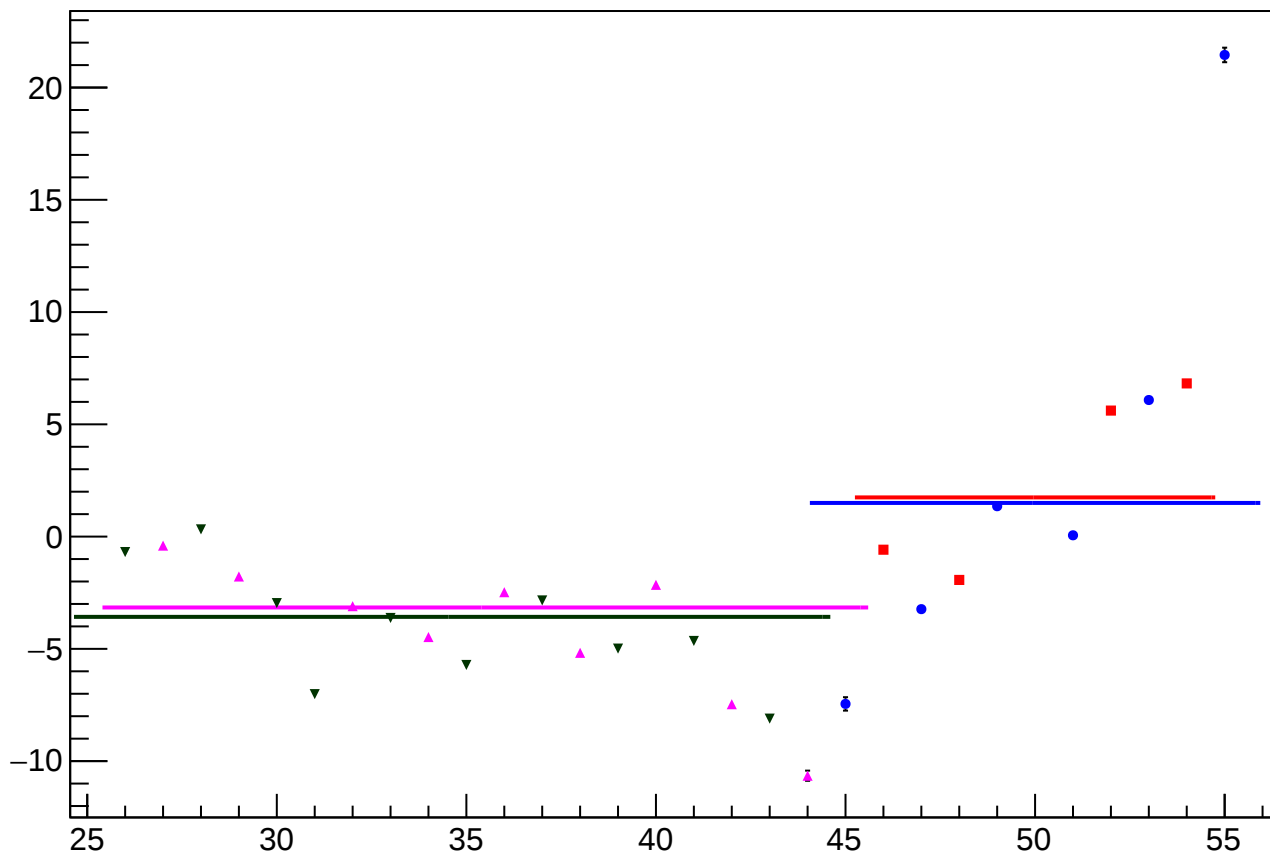
Right Out: -1.218+/-0.022 χ^2/NDF : 4338.9/3

Left In: 1.246+/-0.011 χ^2/NDF : 8116.3/8

0.466+/-0.009 χ^2/NDF : 43434.5/15

0.770+/-0.010 χ^2/NDF : 22131.9/12

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 1.499+/-0.072 χ^2/NDF : 6133.0/5

Left Out: -3.575+/-0.052 χ^2/NDF : 2062.7/9

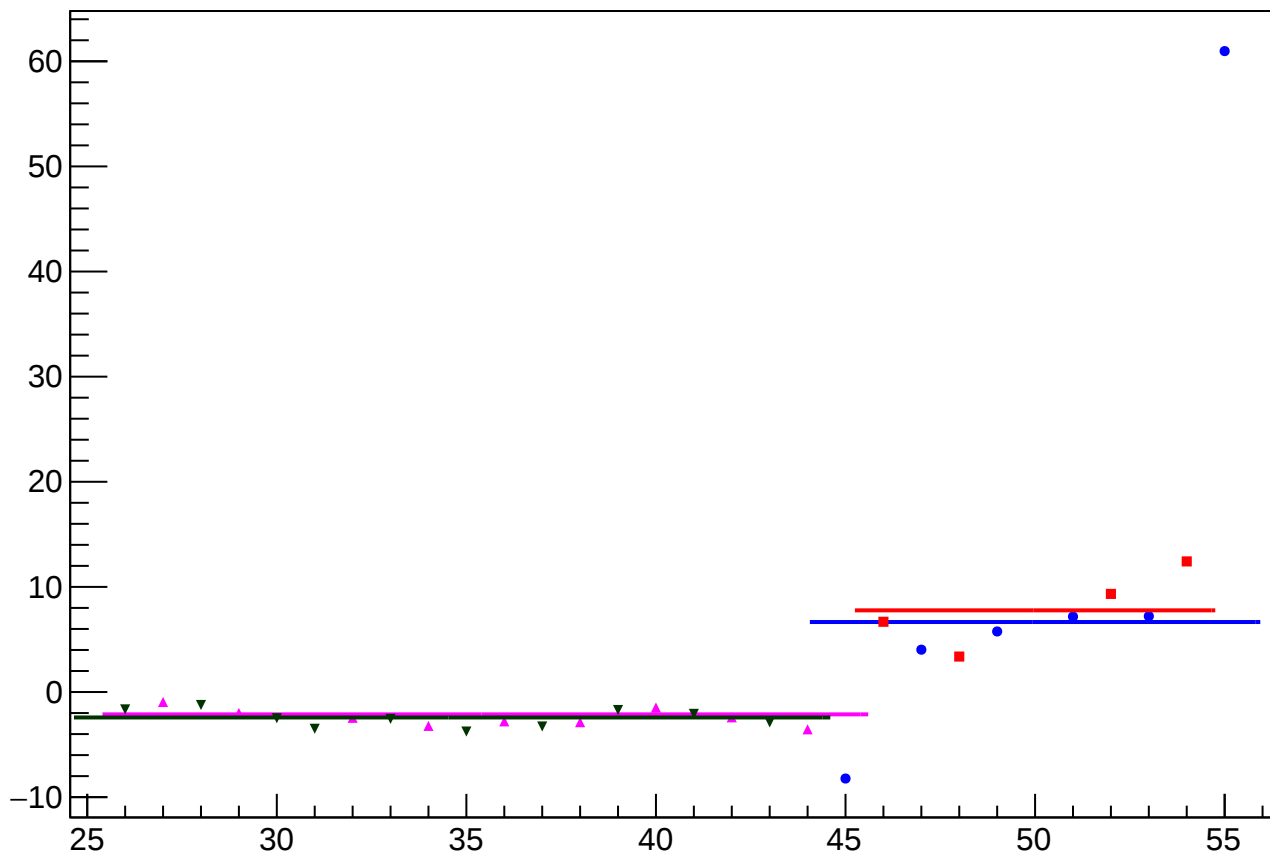
Right Out: 1.745+/-0.101 χ^2/NDF : 1423.7/3

Left In: -3.157+/-0.046 χ^2/NDF : 2491.7/8

-1.834+/-0.042 χ^2/NDF : 11473.3/15

-2.308+/-0.042 χ^2/NDF : 5878.1/12

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 6.660+/-0.056 χ^2/NDF : 32889.7/5

Left Out: -2.420+/-0.039 χ^2/NDF : 411.6/9

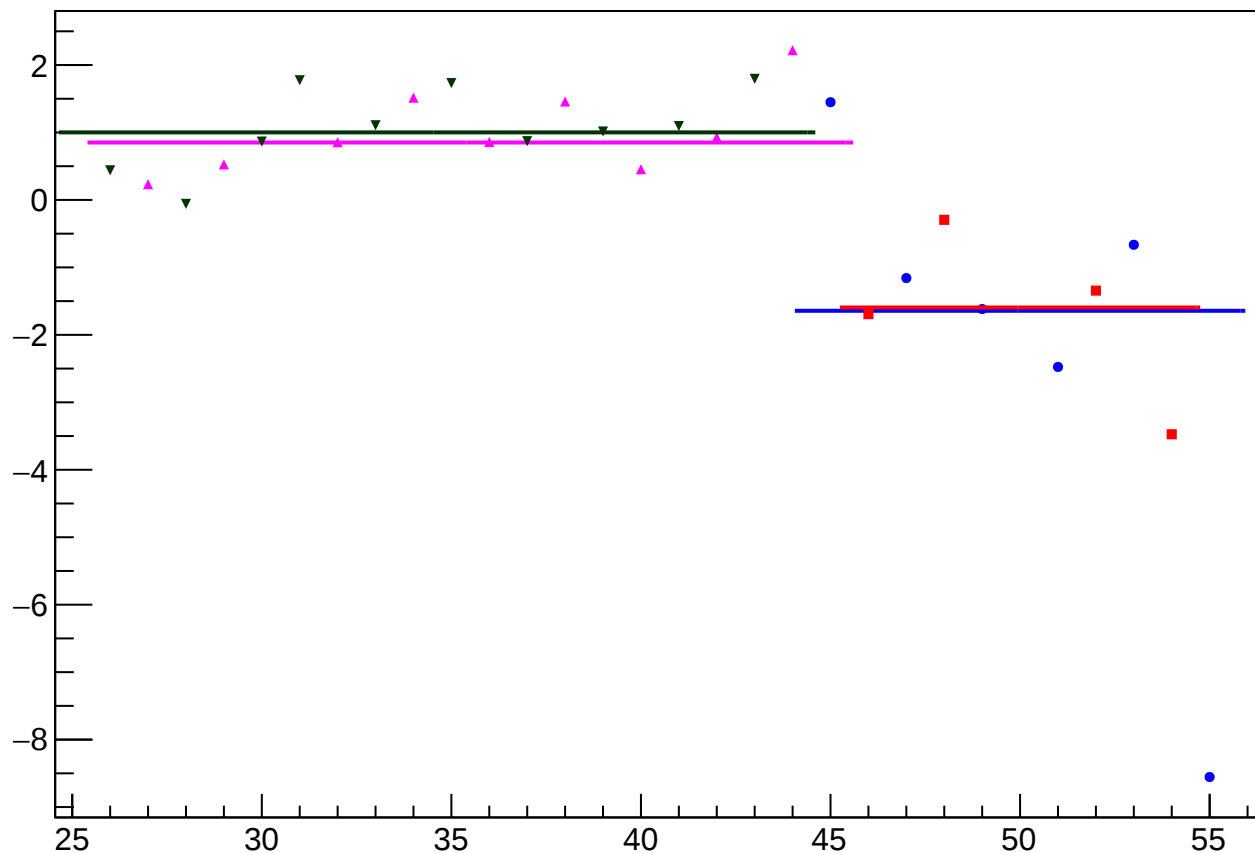
Right Out: 7.769+/-0.075 χ^2/NDF : 2024.1/3

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

0.515+/-0.032 χ^2/NDF : 51020.4/15

-0.463+/-0.031 χ^2/NDF : 16858.6/12

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.643+/-0.013 χ^2/NDF : 21219.6/5

Left Out: 1.001+/-0.008 χ^2/NDF : 4123.3/9

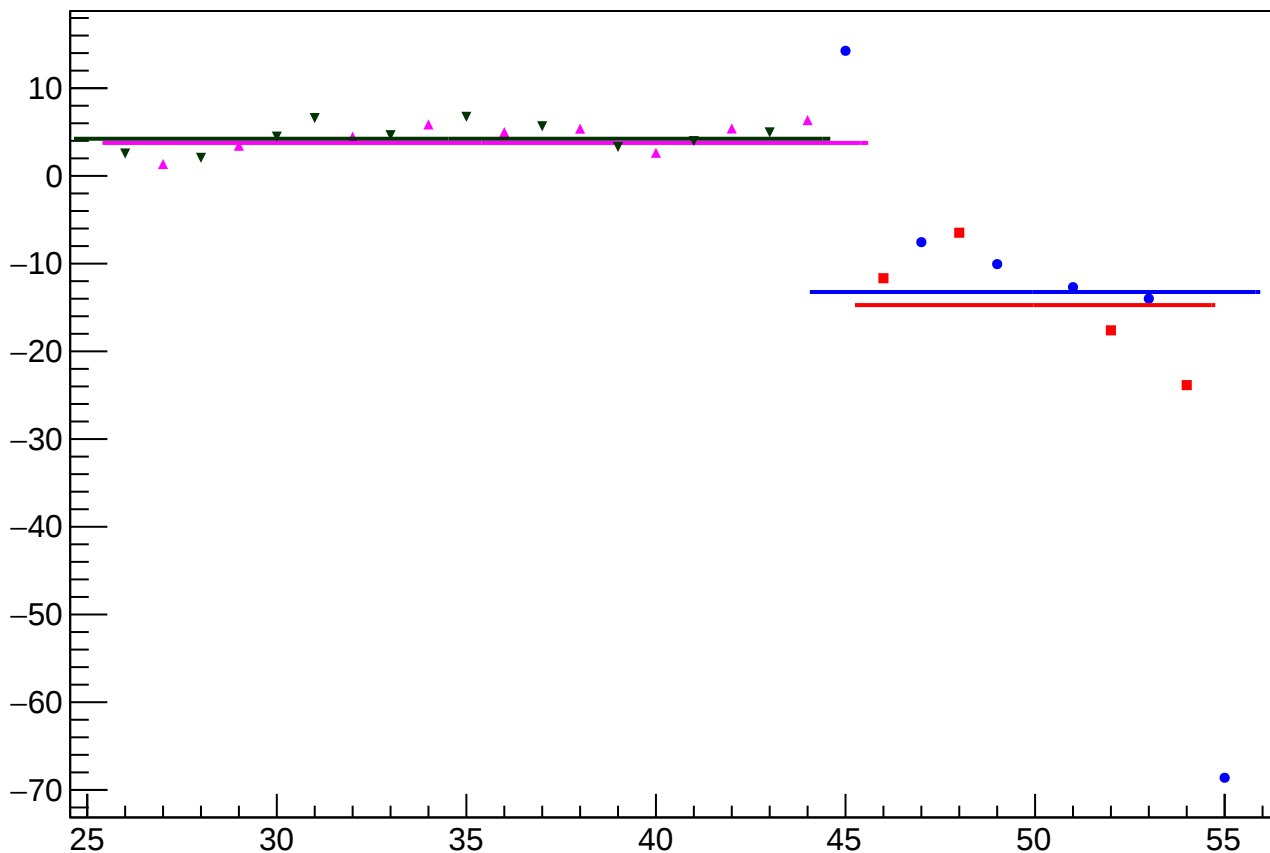
Right Out: -1.594+/-0.017 χ^2/NDF : 4561.2/3

Left In: 0.851+/-0.008 χ^2/NDF : 3579.2/8

0.244+/-0.007 χ^2/NDF : 53727.8/15

0.419+/-0.007 χ^2/NDF : 25651.9/12

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -13.236+/-0.092 χ^2/NDF : 32538.4/5

Left Out: 4.237+/-0.064 χ^2/NDF : 532.8/9

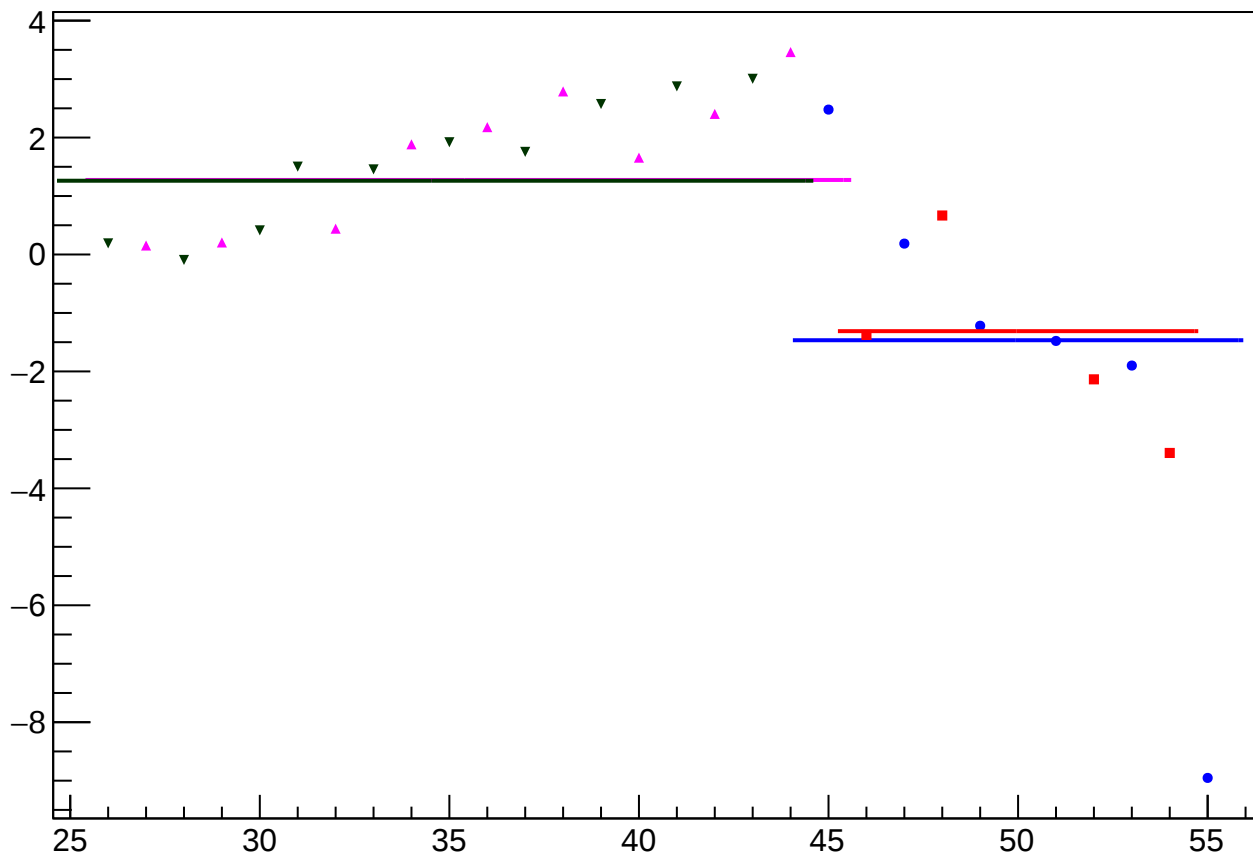
Right Out: -14.726+/-0.124 χ^2/NDF : 2869.1/3

Left In: 3.757+/-0.056 χ^2/NDF : 807.9/8

-1.506+/-0.053 χ^2/NDF : 57376.6/15

0.636+/-0.051 χ^2/NDF : 22031.4/12

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -1.467+/-0.017 χ^2/NDF : 17379.3/5

Left Out: 1.262+/-0.011 χ^2/NDF : 7575.4/9

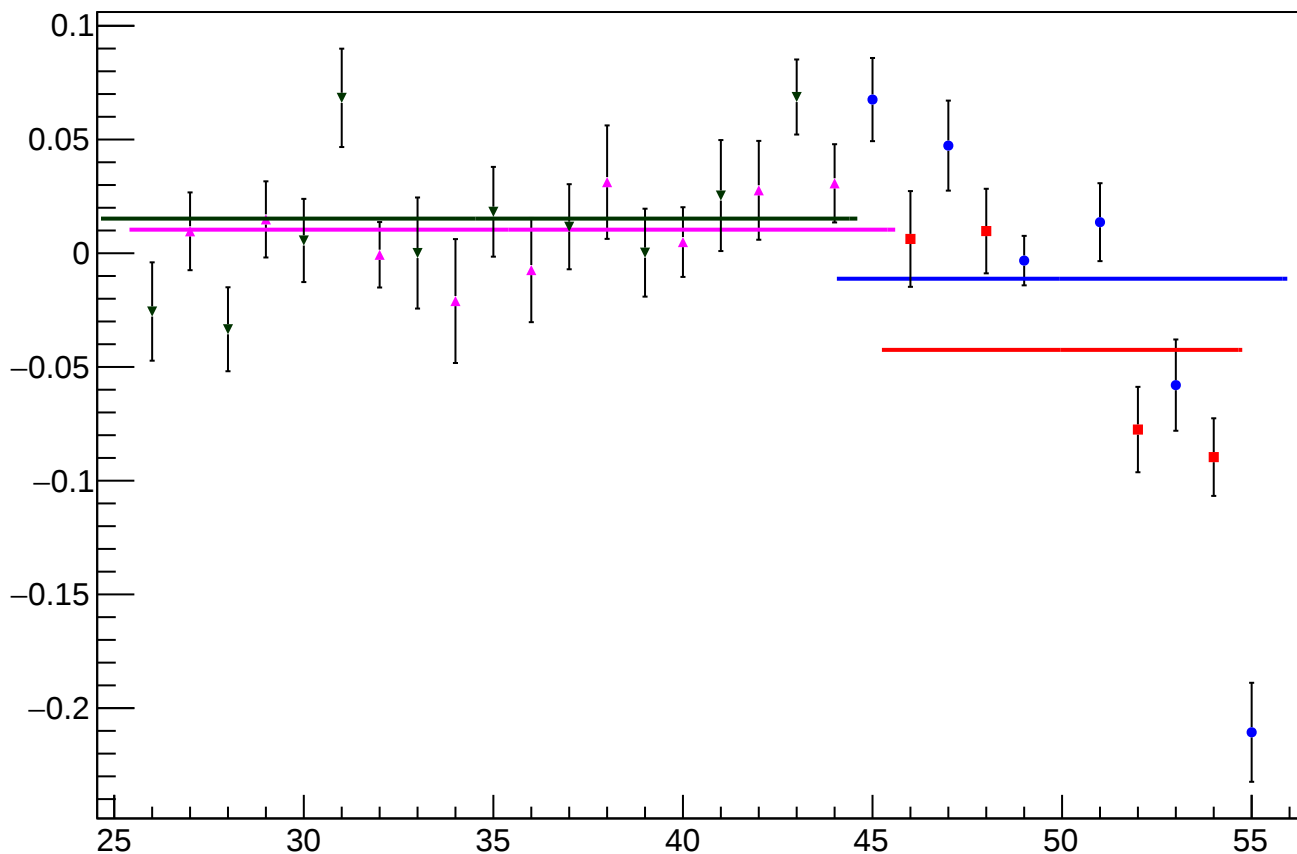
Right Out: -1.311+/-0.024 χ^2/NDF : 4040.6/3

Left In: 1.275+/-0.012 χ^2/NDF : 7555.9/8

0.456+/-0.010 χ^2/NDF : 42116.9/15

0.761+/-0.010 χ^2/NDF : 21299.8/12

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.011 ± 0.007 χ^2/NDF : 119.3/5

Left Out: 0.015 ± 0.006 χ^2/NDF : 28.5/9

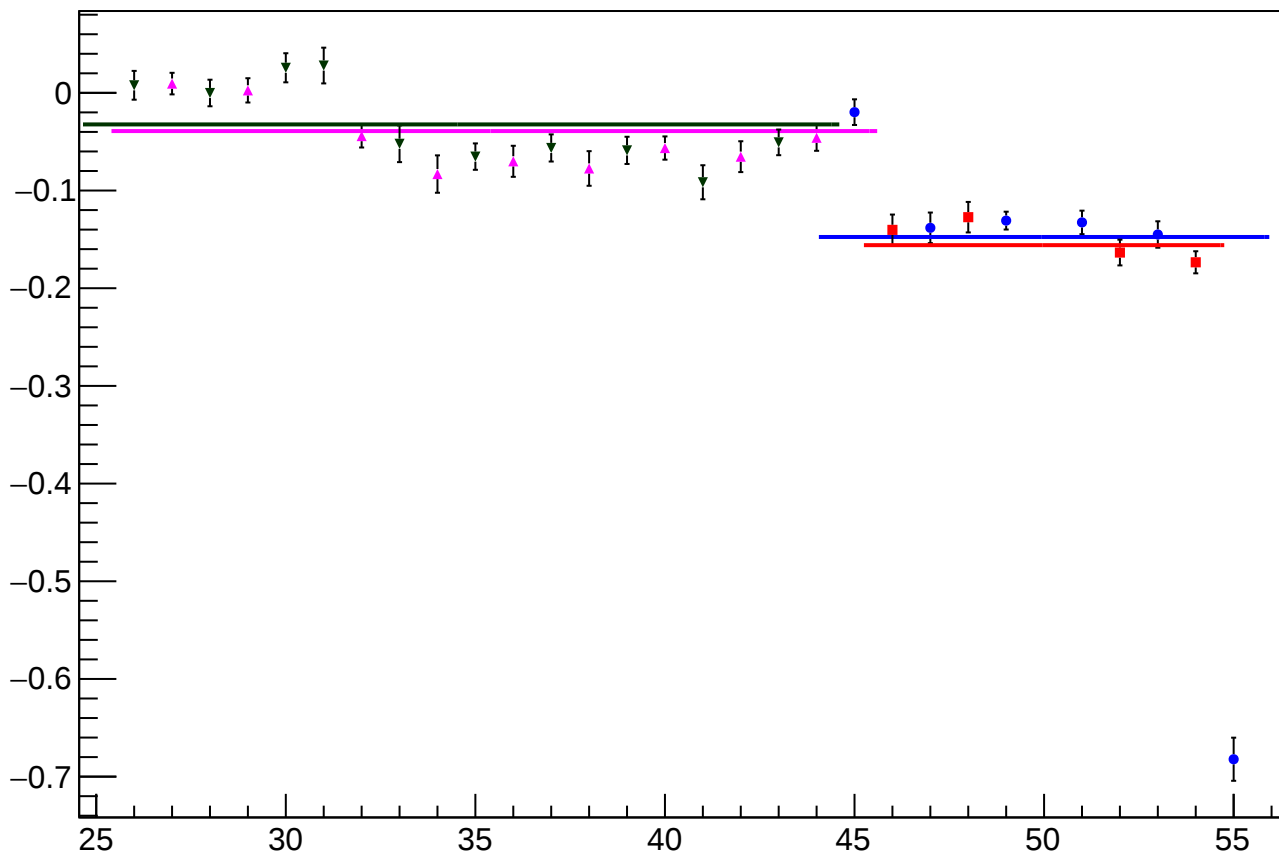
Right Out: -0.042 ± 0.009 χ^2/NDF : 24.4/3

Left In: 0.010 ± 0.006 χ^2/NDF : 5.5/8

0.003 ± 0.005 χ^2/NDF : 156.1/15

-0.006 ± 0.005 χ^2/NDF : 52.1/12

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.148 $\pm$ 0.005 χ^2 /NDF: 686.7/5

Left Out: -0.032 $\pm$ 0.005 χ^2 /NDF: 66.2/9

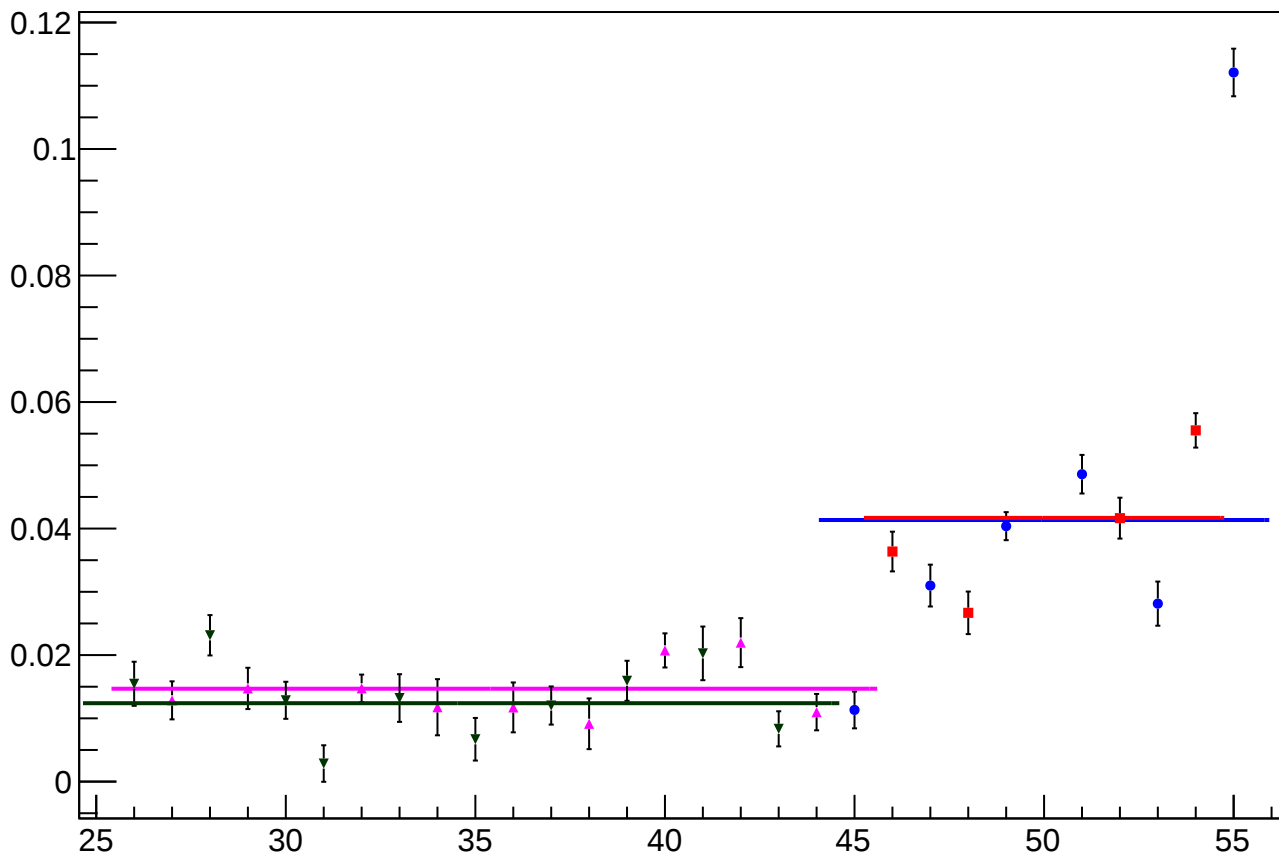
Right Out: -0.156 $\pm$ 0.007 χ^2 /NDF: 7.1/3

Left In: -0.039 $\pm$ 0.005 χ^2 /NDF: 49.7/8

-0.084 $\pm$ 0.004 χ^2 /NDF: 1020.4/15

-0.075 $\pm$ 0.004 χ^2 /NDF: 261.7/12

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.041 $\pm$ 0.001 χ^2 /NDF: 490.2/5

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF: 32.8/9

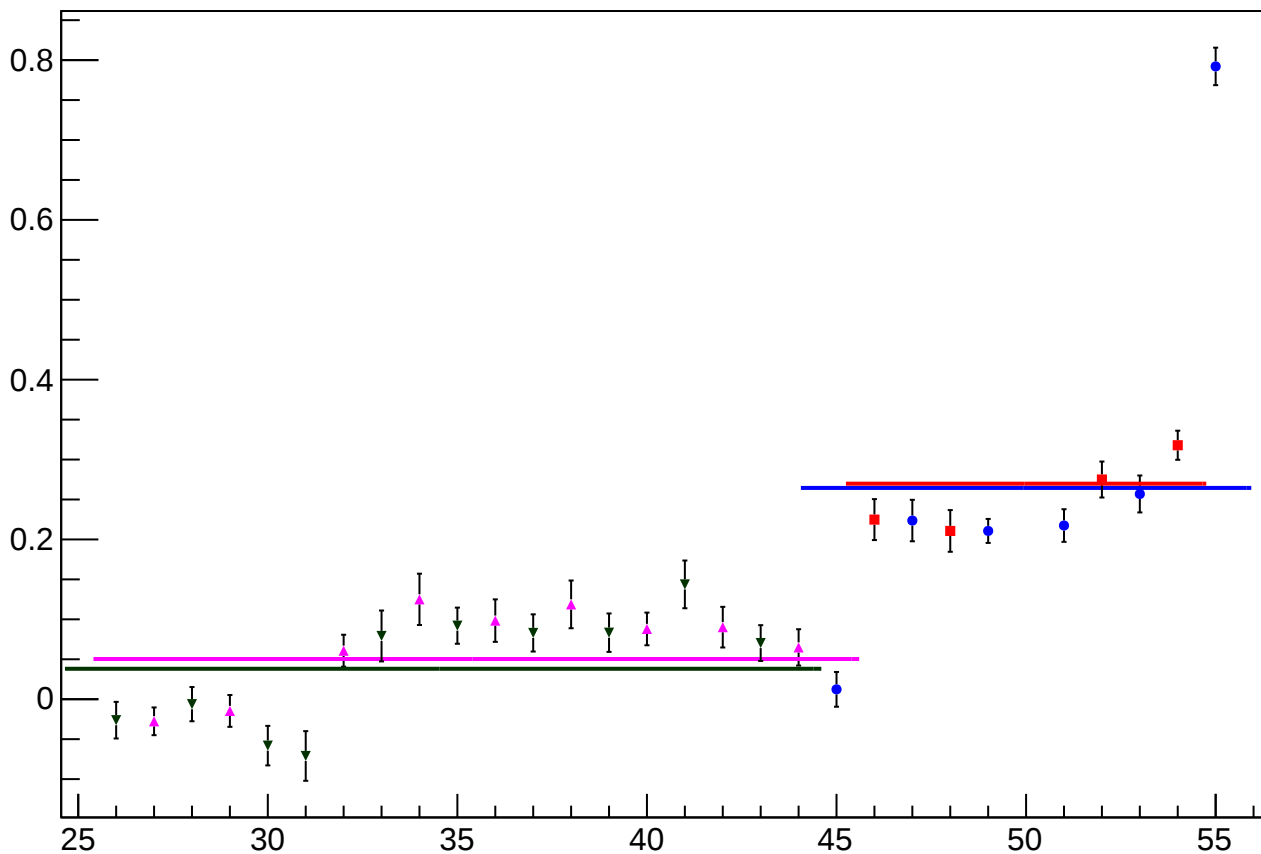
Right Out: 0.042 $\pm$ 0.002 χ^2 /NDF: 48.6/3

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF: 13.5/8

0.024 $\pm$ 0.001 χ^2 /NDF: 856.4/15

0.023 $\pm$ 0.001 χ^2 /NDF: 272.5/12

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.264+/-0.008 χ^2/NDF : 660.8/5

Left Out: 0.038+/-0.008 χ^2/NDF : 68.8/9

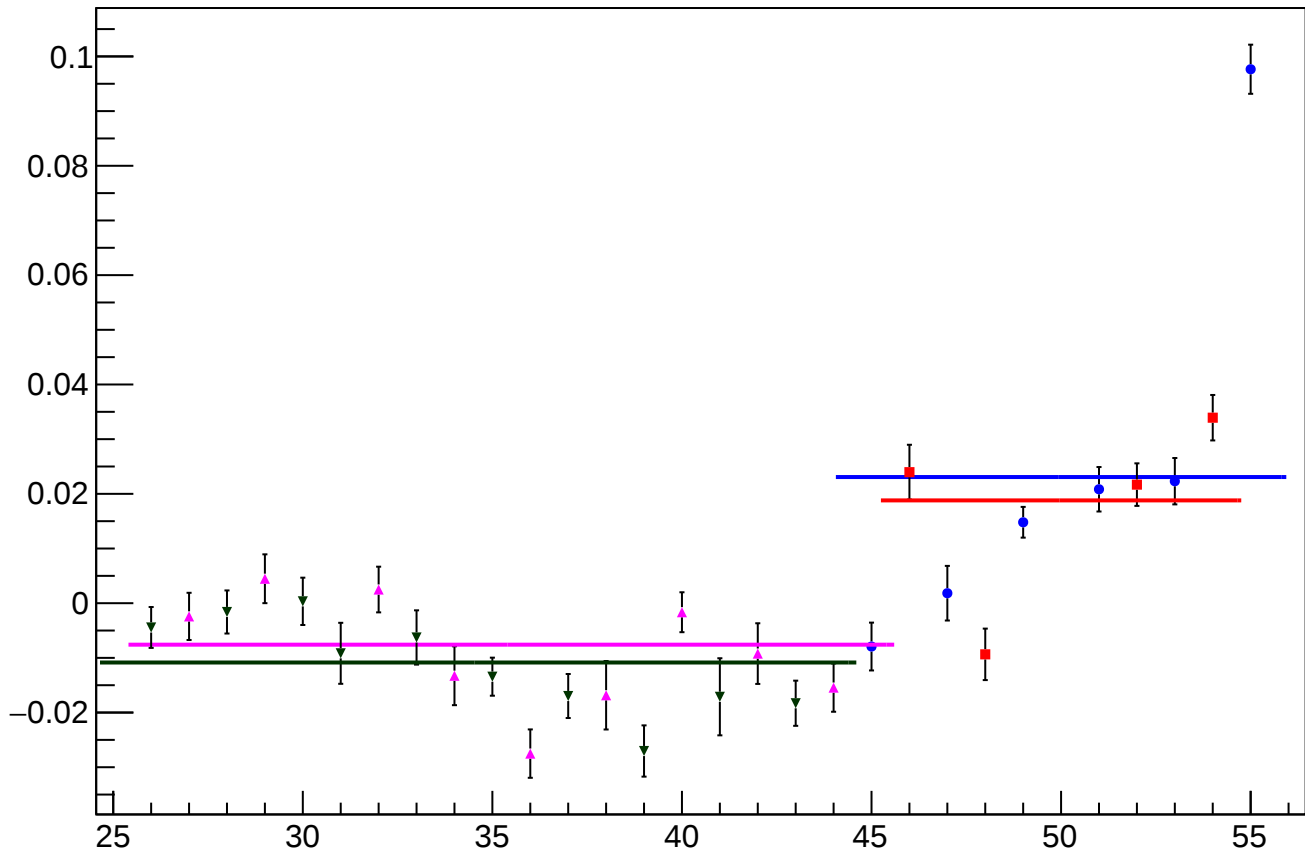
Right Out: 0.270+/-0.011 χ^2/NDF : 15.2/3

Left In: 0.050+/-0.008 χ^2/NDF : 51.3/8

0.143+/-0.006 χ^2/NDF : 1118.1/15

0.118+/-0.006 χ^2/NDF : 331.5/12

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.023+/-0.002 χ^2/NDF : 352.9/5

Left Out: -0.011+/-0.001 χ^2/NDF : 34.9/9

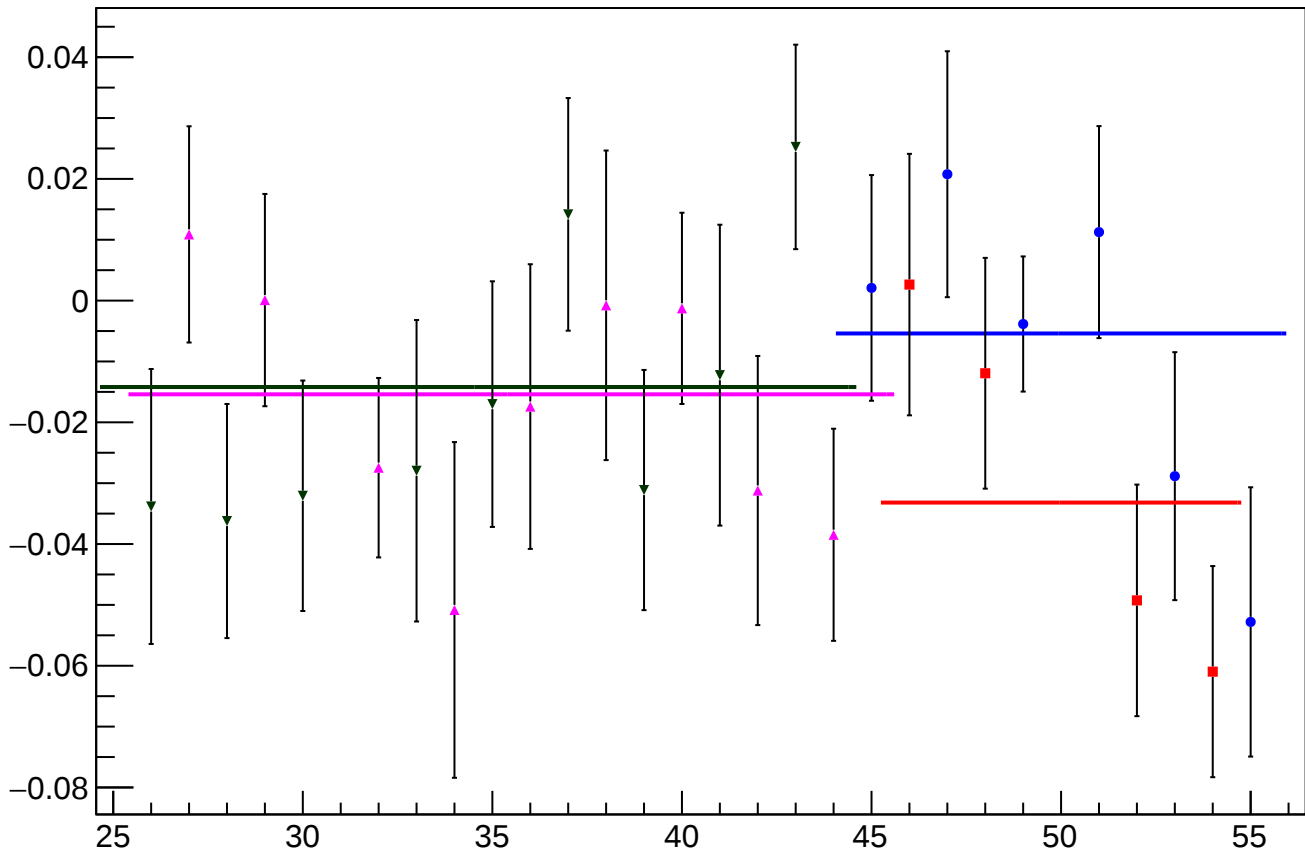
Right Out: 0.019+/-0.002 χ^2/NDF : 50.6/3

Left In: -0.008+/-0.002 χ^2/NDF : 44.0/8

0.003+/-0.001 χ^2/NDF : 644.2/15

0.001+/-0.001 χ^2/NDF : 192.6/12

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.005 $\pm$ 0.007 χ^2 /NDF: 8.7/5

Left Out: -0.014 $\pm$ 0.007 χ^2 /NDF: 11.7/8

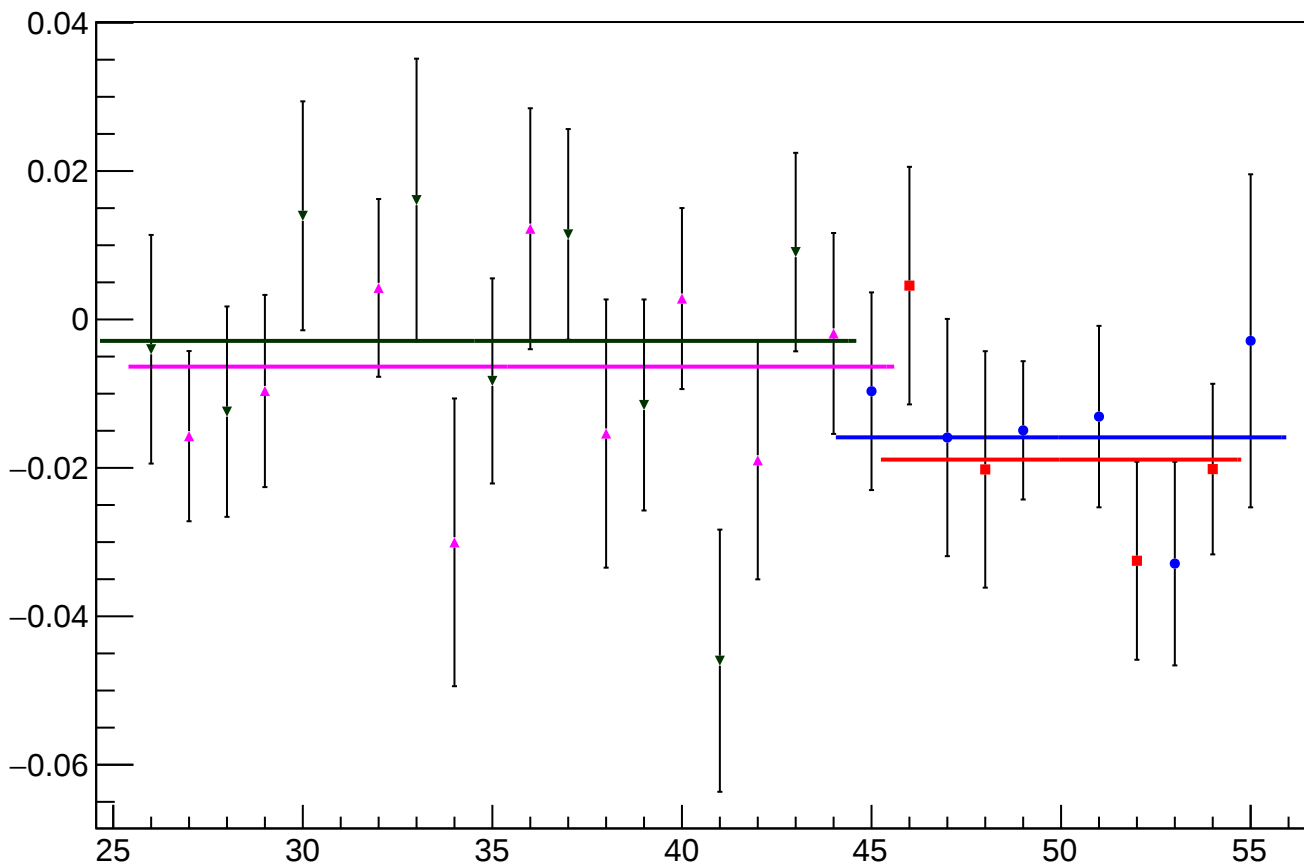
Right Out: -0.033 $\pm$ 0.010 χ^2 /NDF: 7.3/3

Left In: -0.015 $\pm$ 0.006 χ^2 /NDF: 8.7/8

-0.010 $\pm$ 0.005 χ^2 /NDF: 21.3/14

-0.021 $\pm$ 0.005 χ^2 /NDF: 18.4/12

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.016+/-0.005 χ^2/NDF : 2.2/5

Left Out: -0.003+/-0.005 χ^2/NDF : 10.9/8

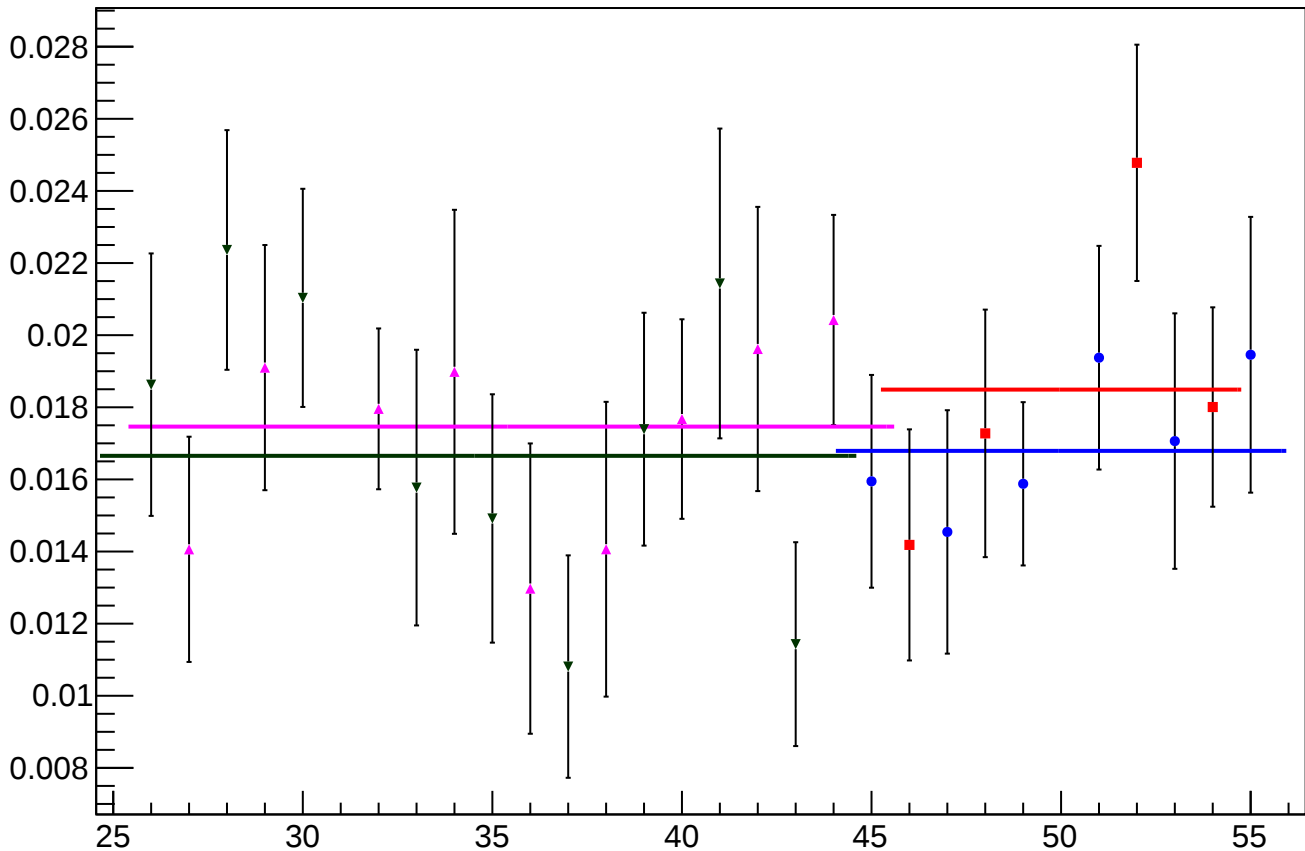
Right Out: -0.019+/-0.007 χ^2/NDF : 3.2/3

Left In: -0.006+/-0.005 χ^2/NDF : 5.9/8

-0.009+/-0.004 χ^2/NDF : 16.3/14

-0.010+/-0.004 χ^2/NDF : 11.3/12

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.017 $\pm$ 0.001 χ^2 /NDF: 1.9/5

Left Out: 0.017 $\pm$ 0.001 χ^2 /NDF:13.9/8

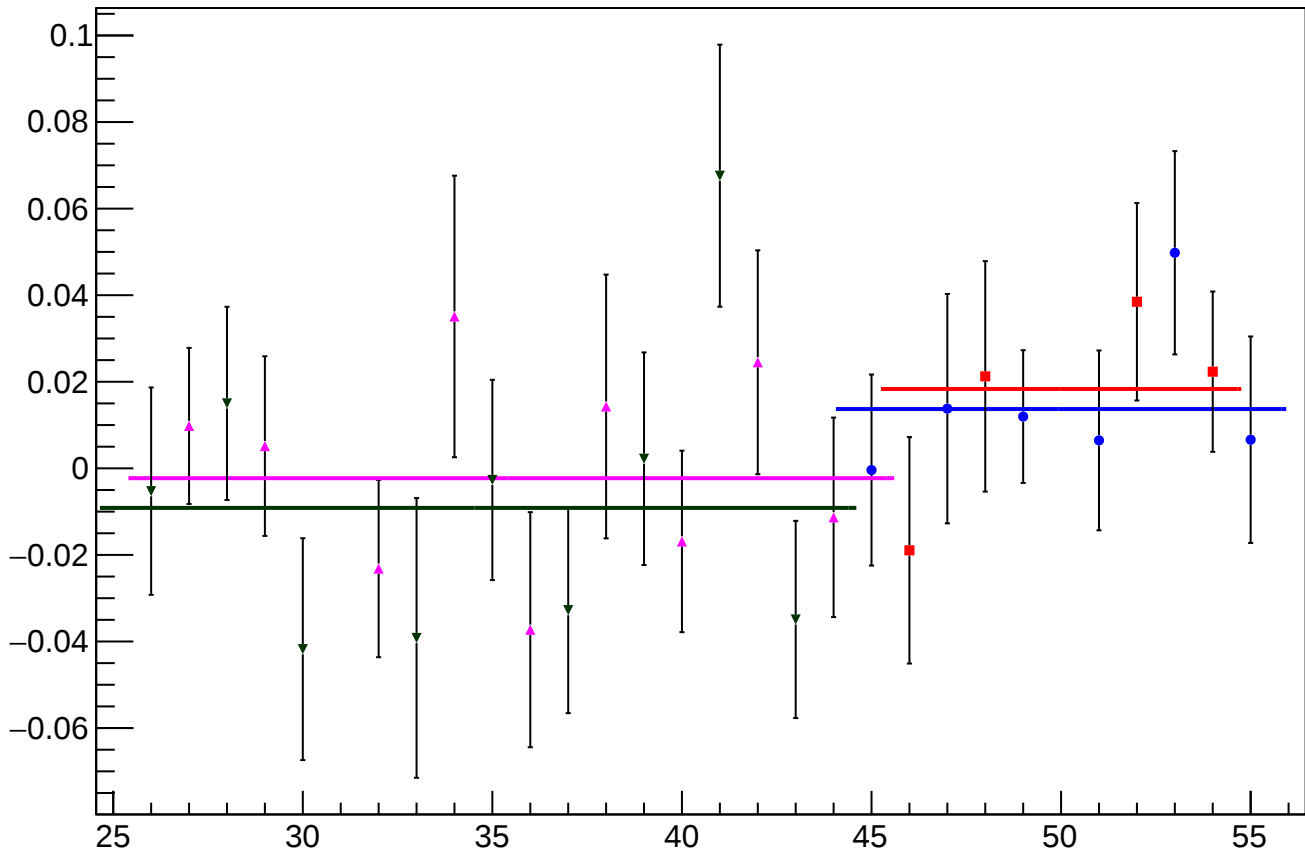
Right Out: 0.018 $\pm$ 0.002 χ^2 /NDF: 5.6/3

Left In: 0.017 $\pm$ 0.001 χ^2 /NDF:4.9/8

0.017 $\pm$ 0.001 χ^2 /NDF: 15.8/14

0.018 $\pm$ 0.001 χ^2 /NDF: 10.8/12

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.014 ± 0.009 χ^2/NDF : 3.0/5

Left Out: -0.009 ± 0.008 χ^2/NDF : 12.7/8

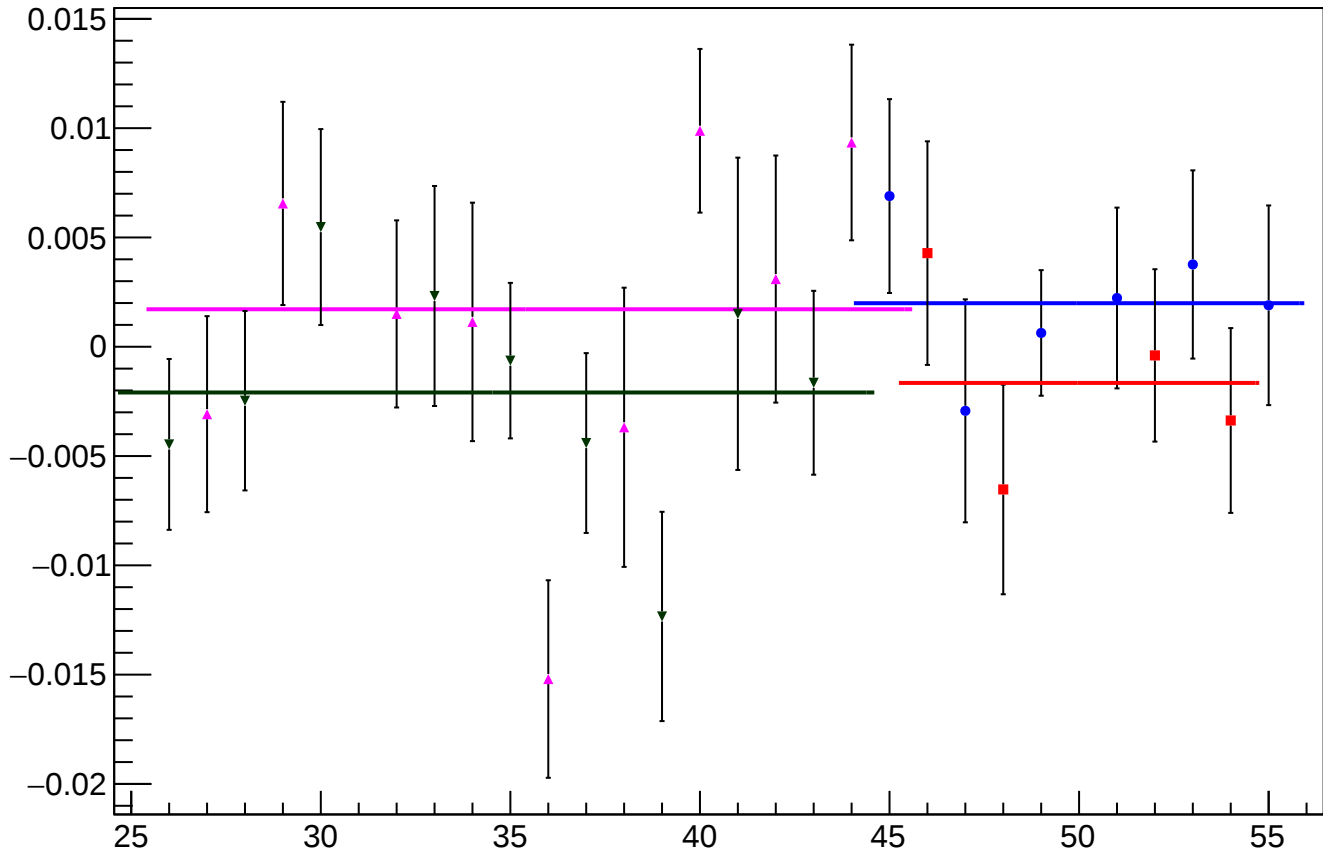
Right Out: 0.018 ± 0.011 χ^2/NDF : 2.9/3

Left In: -0.002 ± 0.008 χ^2/NDF : 6.6/8

0.002 ± 0.006 χ^2/NDF : 19.3/14

0.004 ± 0.006 χ^2/NDF : 11.7/12

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.002 ± 0.002 χ^2/NDF : 2.6/5

Left Out: -0.002 ± 0.001 χ^2/NDF : 9.3/8

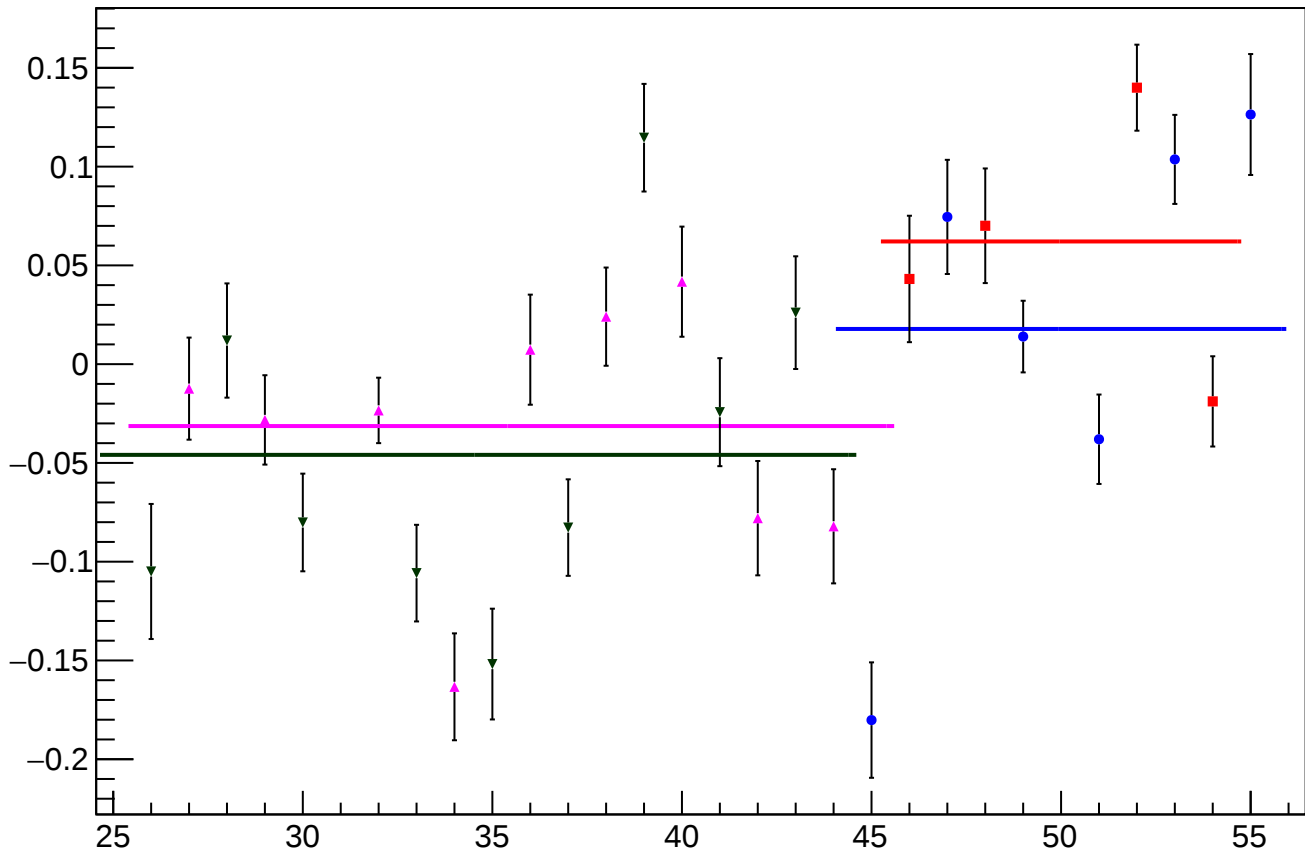
Right Out: -0.002 ± 0.002 χ^2/NDF : 2.6/3

Left In: 0.002 ± 0.002 χ^2/NDF : 24.7/8

-0.000 ± 0.001 χ^2/NDF : 15.3/14

0.001 ± 0.001 χ^2/NDF : 28.9/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.018 $\pm$ 0.010 χ^2 /NDF: 83.0/5

Left Out: -0.046 $\pm$ 0.009 χ^2 /NDF: 73.2/8

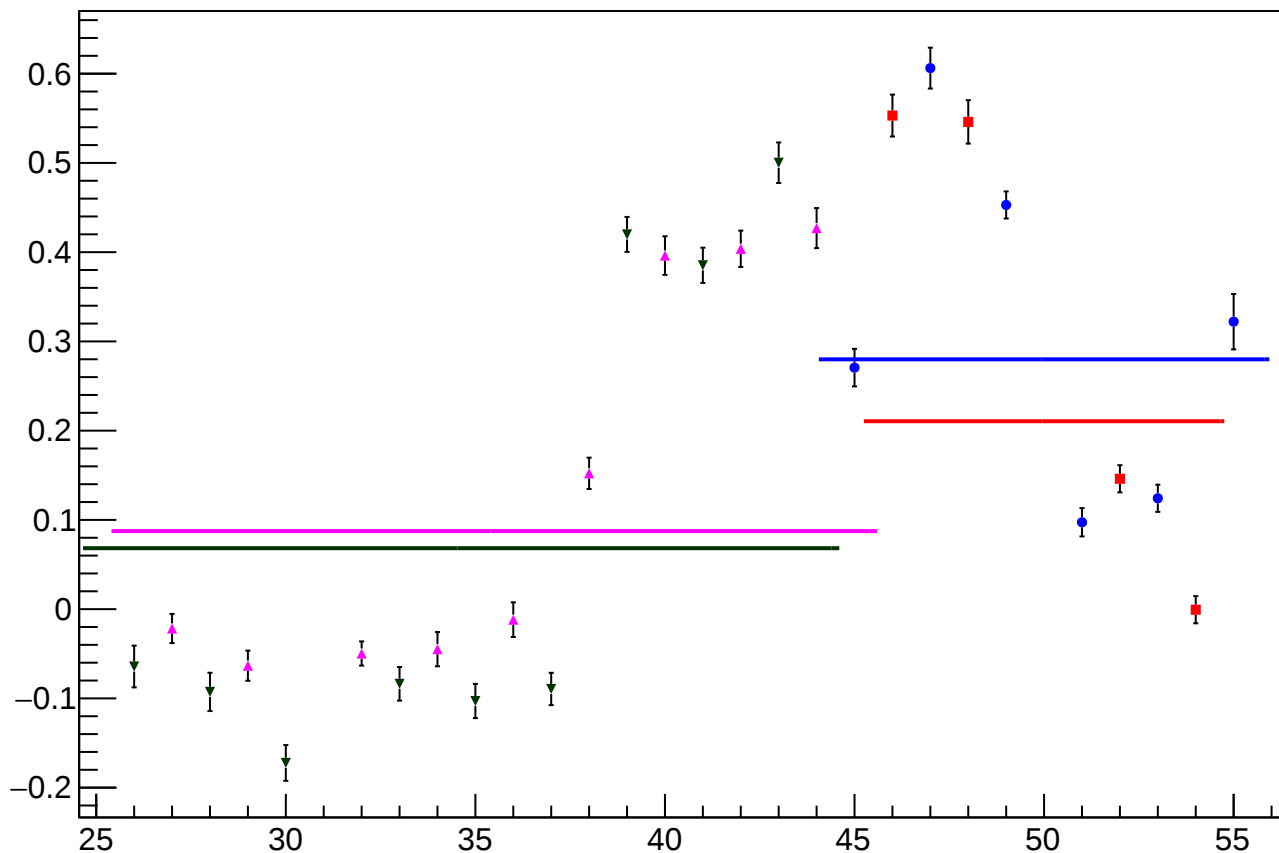
Right Out: 0.062 $\pm$ 0.013 χ^2 /NDF: 25.8/3

Left In: -0.031 $\pm$ 0.008 χ^2 /NDF: 44.0/8

-0.017 $\pm$ 0.007 χ^2 /NDF: 179.0/14

-0.004 $\pm$ 0.007 χ^2 /NDF: 108.1/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.280 $\pm$ 0.007 χ^2 /NDF: 571.9/5

Left Out: 0.068 $\pm$ 0.007 χ^2 /NDF:1394.7/8

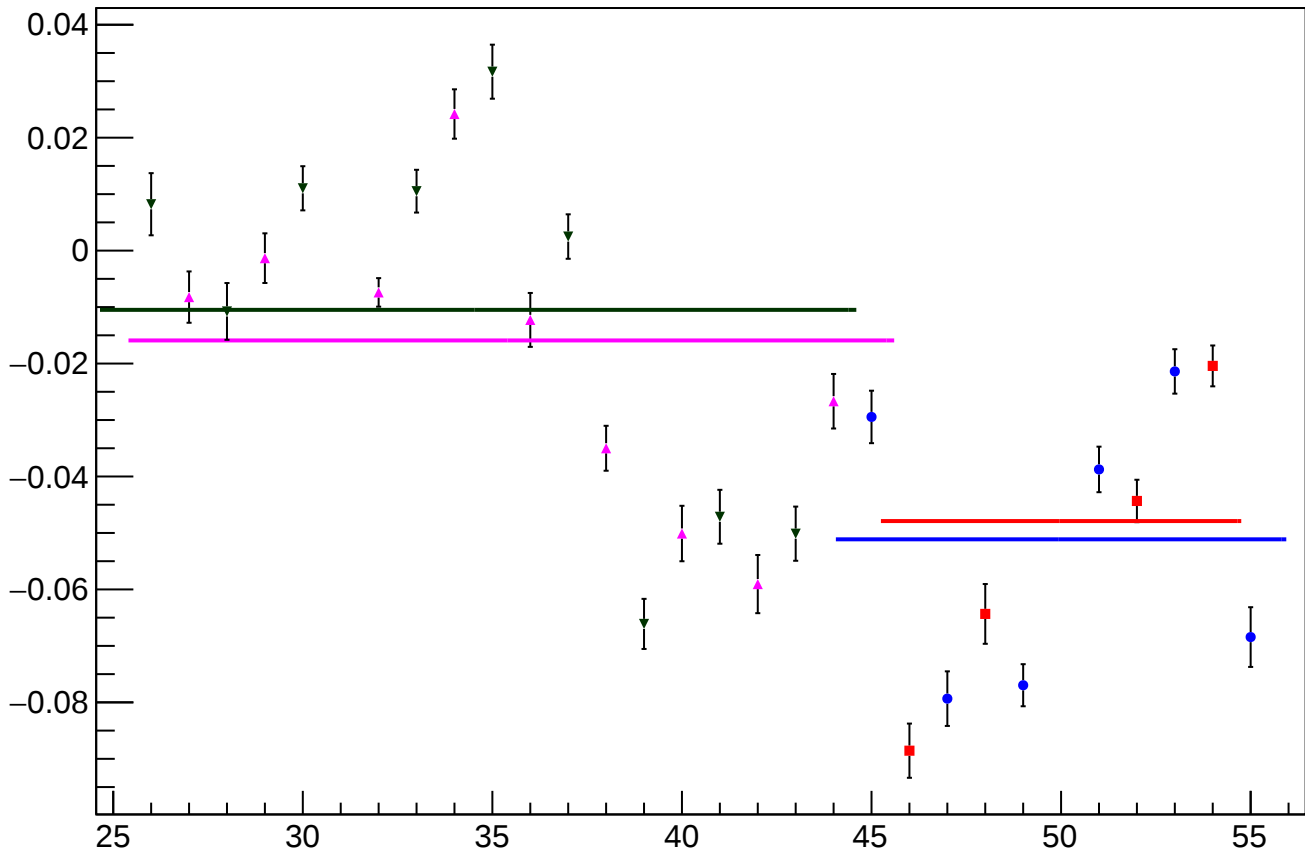
Right Out: 0.211 $\pm$ 0.009 χ^2 /NDF: 612.5/3

Left In: 0.087 $\pm$ 0.006 χ^2 /NDF:988.6/8

0.163 $\pm$ 0.005 χ^2 /NDF: 2409.4/14

0.125 $\pm$ 0.005 χ^2 /NDF: 1729.2/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.051 ± 0.002 $\chi^2/\text{NDF}: 181.2/5$

Left Out: -0.010 ± 0.001 $\chi^2/\text{NDF}: 445.6/8$

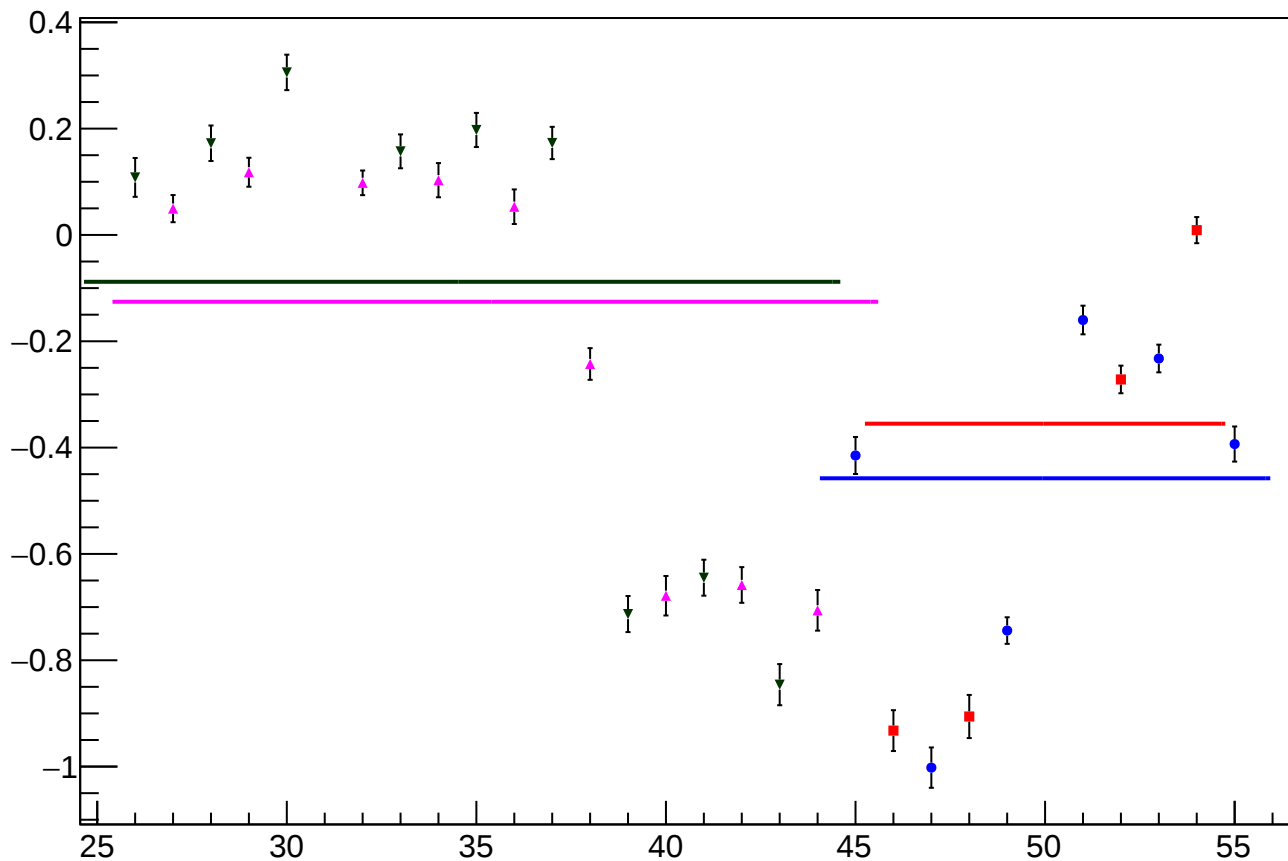
Right Out: -0.048 ± 0.002 $\chi^2/\text{NDF}: 140.0/3$

Left In: -0.016 ± 0.001 $\chi^2/\text{NDF}: 256.5/8$

-0.027 ± 0.001 $\chi^2/\text{NDF}: 938.5/14$

-0.025 ± 0.001 $\chi^2/\text{NDF}: 559.5/12$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.458+/-0.012 χ^2/NDF : 539.1/5

Left Out: -0.088+/-0.011 χ^2/NDF :1435.6/8

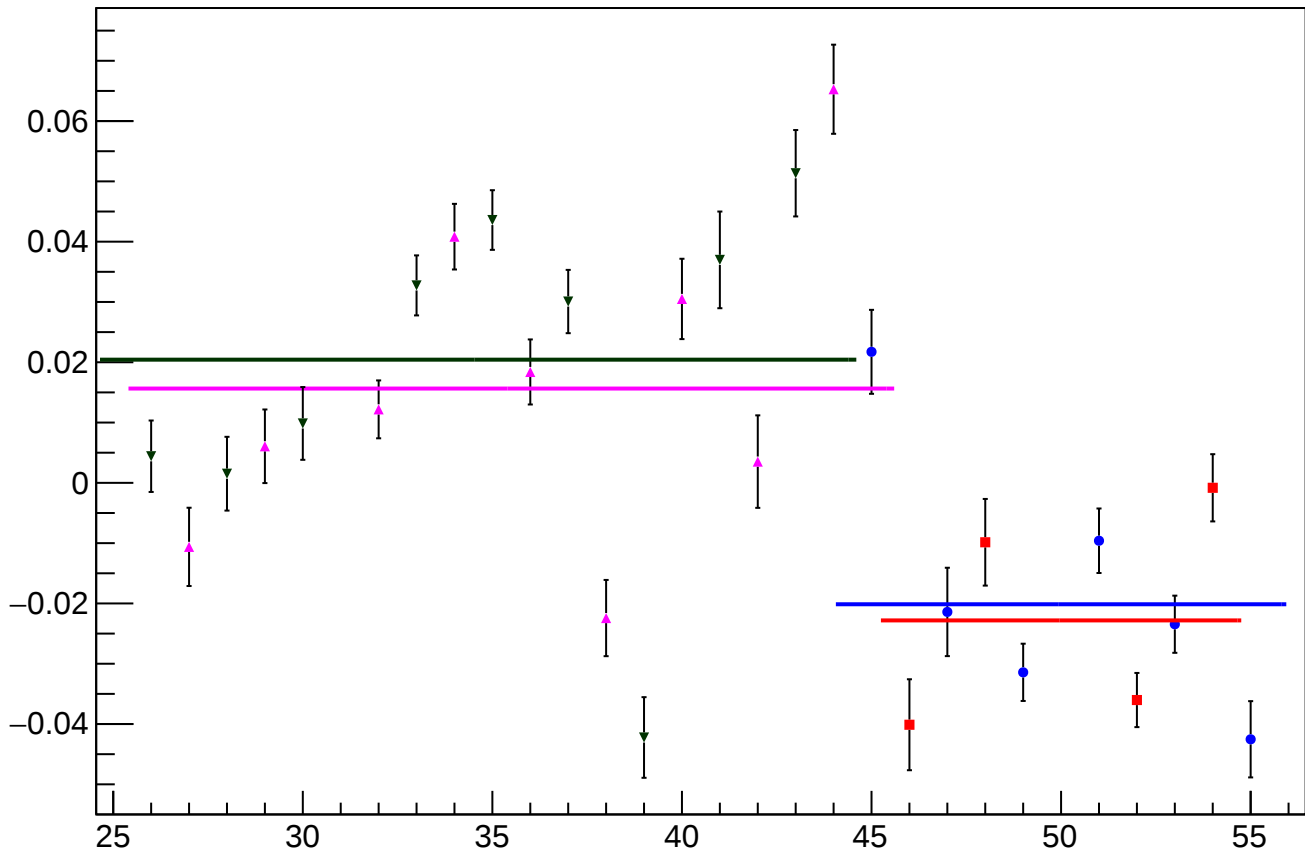
Right Out: -0.355+/-0.015 χ^2/NDF : 639.7/3

Left In: -0.126+/-0.010 χ^2/NDF :1020.5/8

-0.259+/-0.008 χ^2/NDF : 2480.1/14

-0.196+/-0.008 χ^2/NDF : 1821.8/12

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.020 $\pm$ 0.002 χ^2 /NDF: 58.7/5

Left Out: 0.020 $\pm$ 0.002 χ^2 /NDF:162.1/8

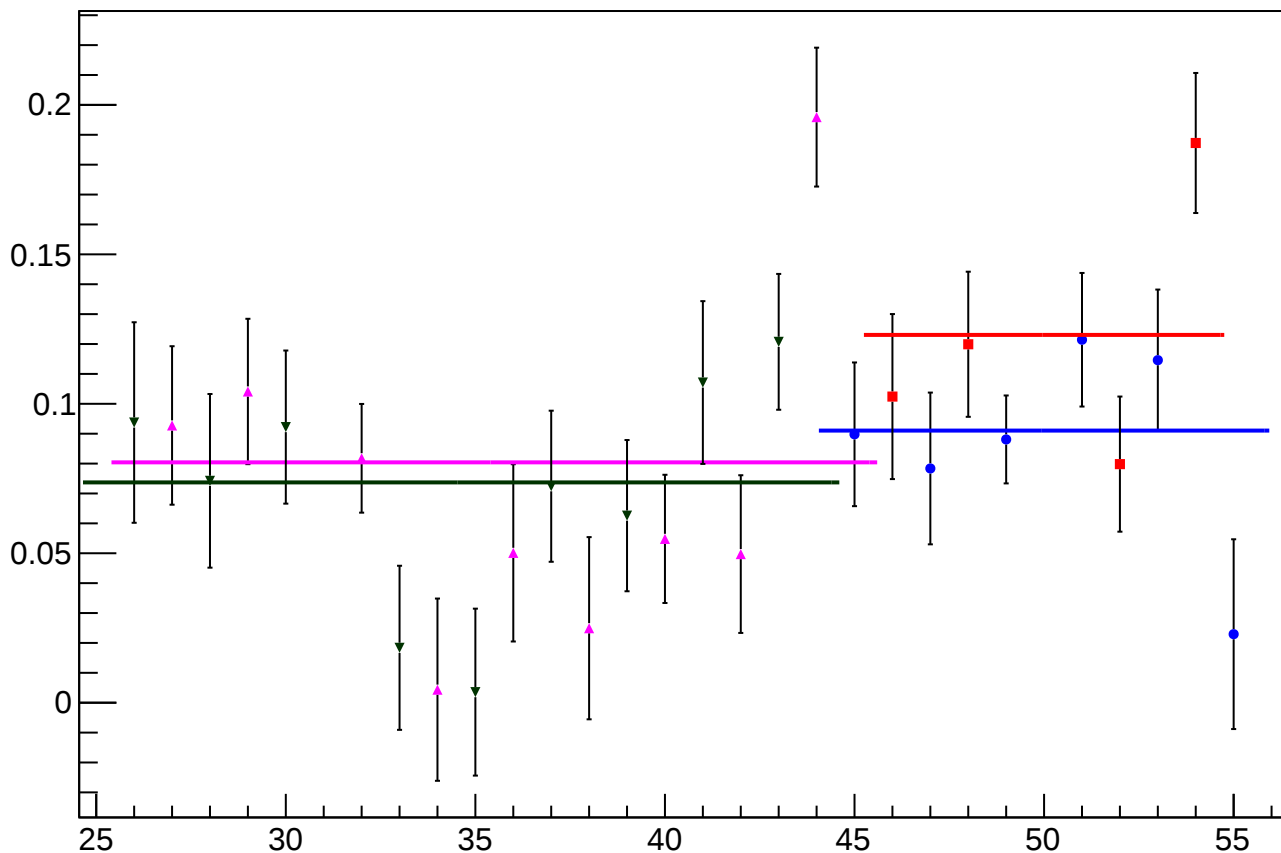
Right Out: -0.023 $\pm$ 0.003 χ^2 /NDF: 32.7/3

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF:129.9/8

0.003 $\pm$ 0.001 χ^2 /NDF: 399.7/14

0.003 $\pm$ 0.002 χ^2 /NDF: 280.8/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.091 $\pm$ 0.009 χ^2/NDF : 7.7/5

Left Out: 0.074 $\pm$ 0.009 χ^2/NDF : 17.2/8

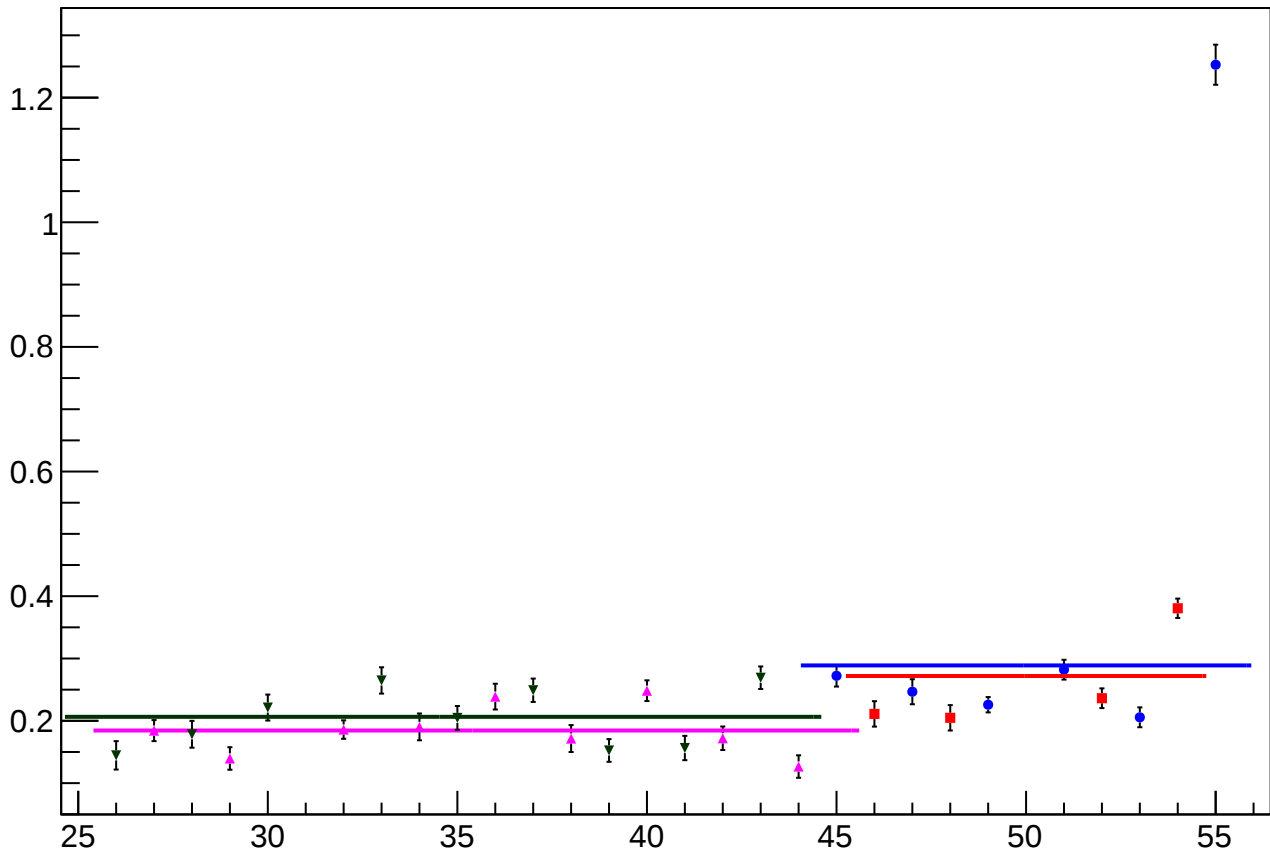
Right Out: 0.123 $\pm$ 0.012 χ^2/NDF : 11.7/3

Left In: 0.080 $\pm$ 0.008 χ^2/NDF : 39.2/8

0.082 $\pm$ 0.006 χ^2/NDF : 26.9/14

0.094 $\pm$ 0.007 χ^2/NDF : 59.5/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.289+/-0.007 χ^2/NDF : 956.2/5

Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

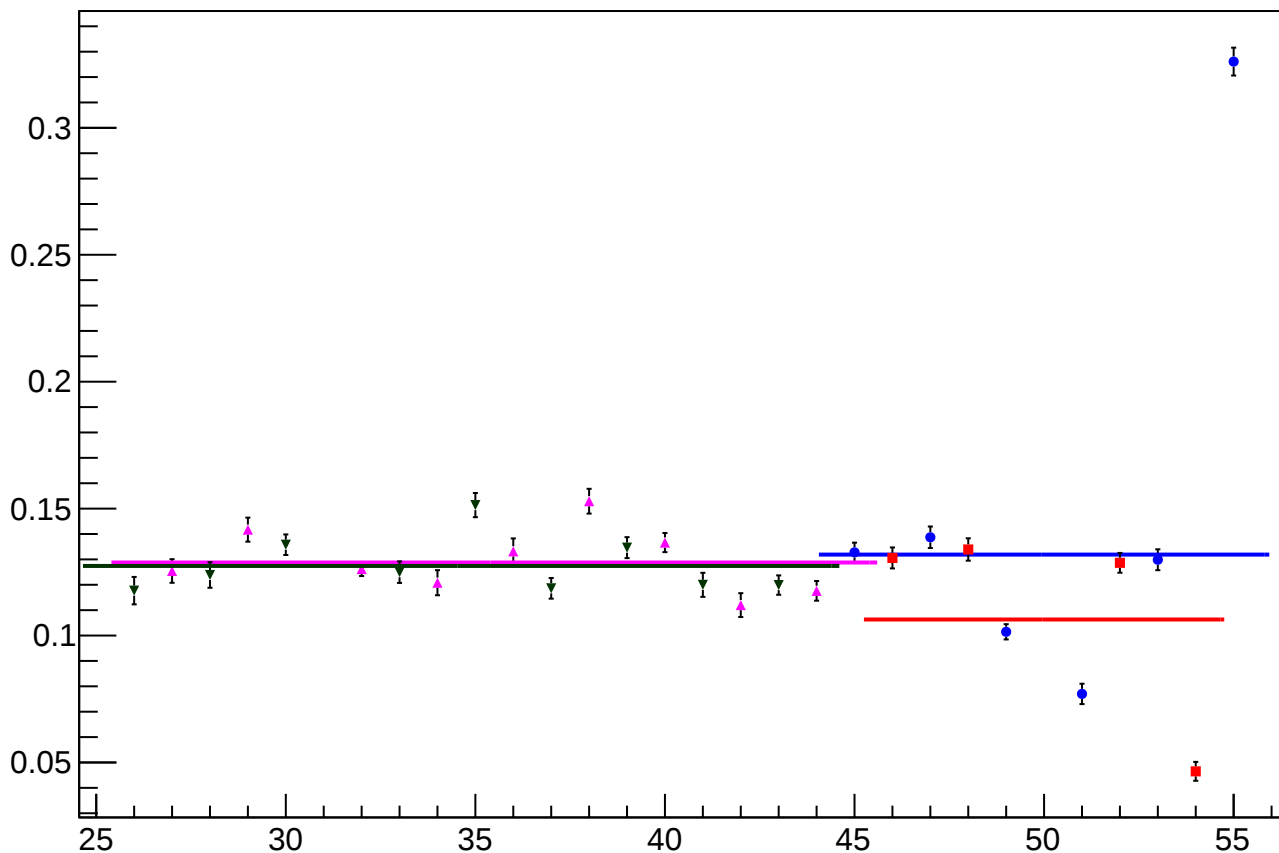
Right Out: 0.272+/-0.009 χ^2/NDF : 73.8/3

Left In: 0.184+/-0.006 χ^2/NDF : 39.0/8

0.246+/-0.005 χ^2/NDF : 1081.0/14

0.213+/-0.005 χ^2/NDF : 180.0/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.132 $\pm$ 0.002 χ^2 /NDF: 1546.1/5

Left Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 47.7/8

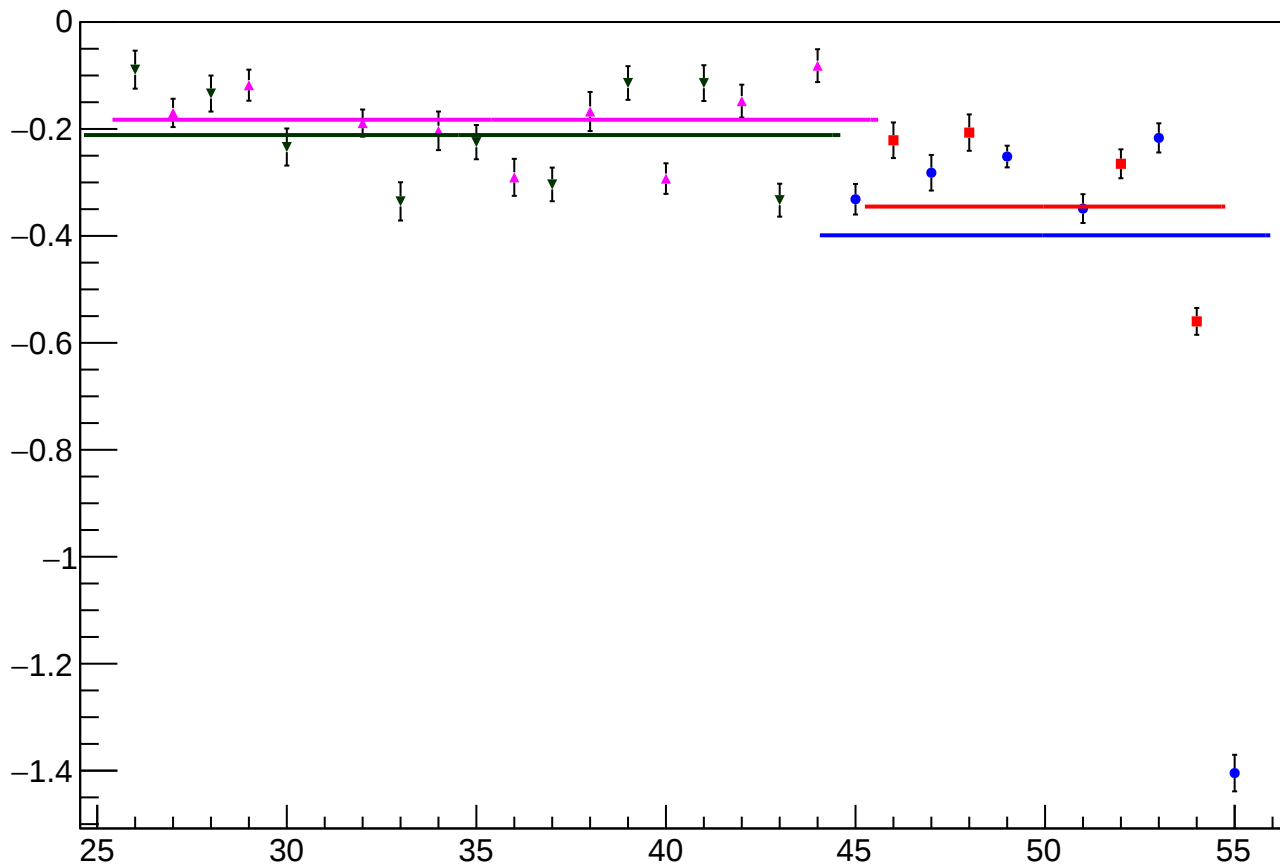
Right Out: 0.106 $\pm$ 0.002 χ^2 /NDF: 364.2/3

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.129 $\pm$ 0.001 χ^2 /NDF: 1598.1/14

0.122 $\pm$ 0.001 χ^2 /NDF: 511.1/12

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.399±/0.011 χ^2/NDF : 983.5/5

Left Out: -0.211±/0.011 χ^2/NDF : 72.0/8

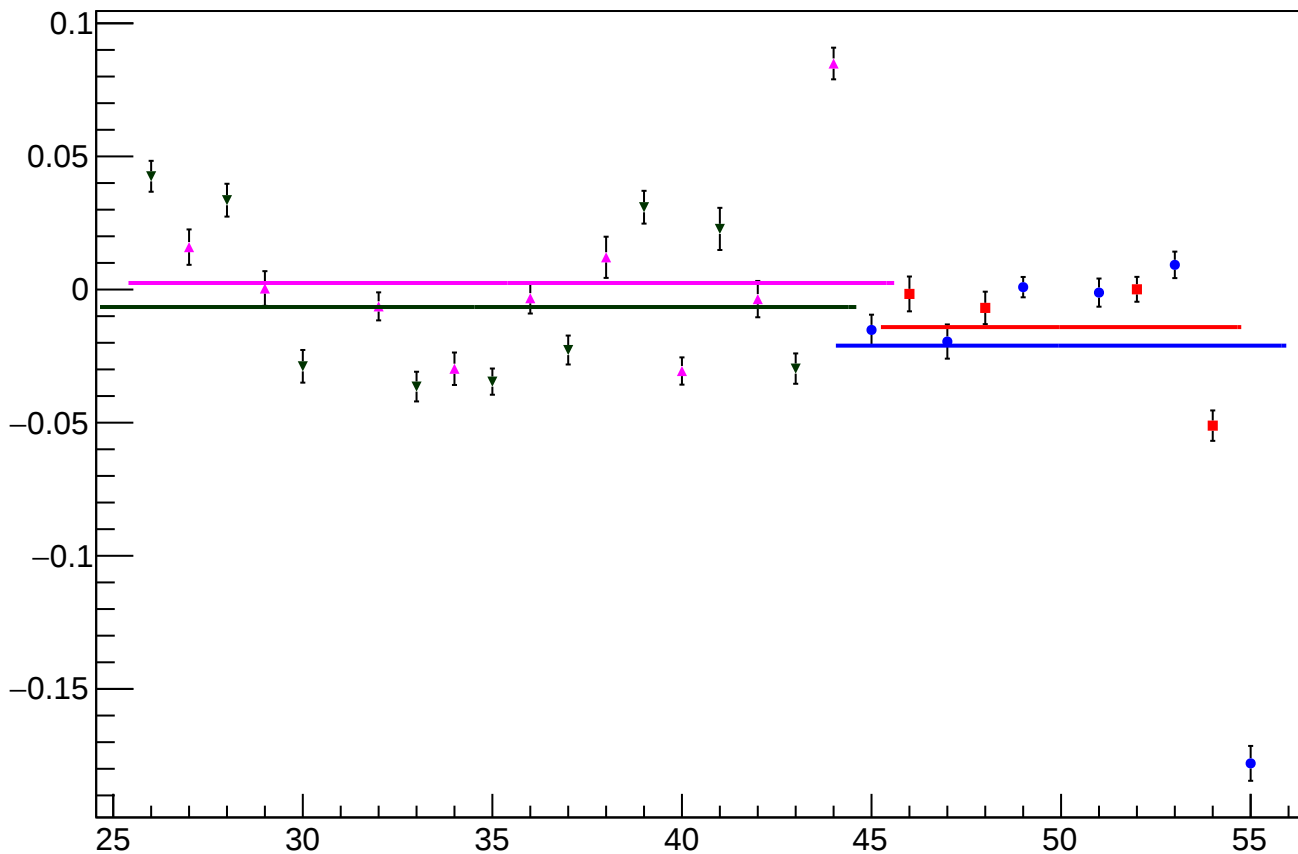
Right Out: -0.345±/0.015 χ^2/NDF : 112.3/3

Left In: -0.183±/0.010 χ^2/NDF : 42.4/8

-0.305±/0.008 χ^2/NDF : 1199.3/14

-0.235±/0.008 χ^2/NDF : 238.9/12

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.021+/-0.002 χ^2 /NDF: 659.7/5

Left Out: -0.007+/-0.002 χ^2 /NDF:264.2/8

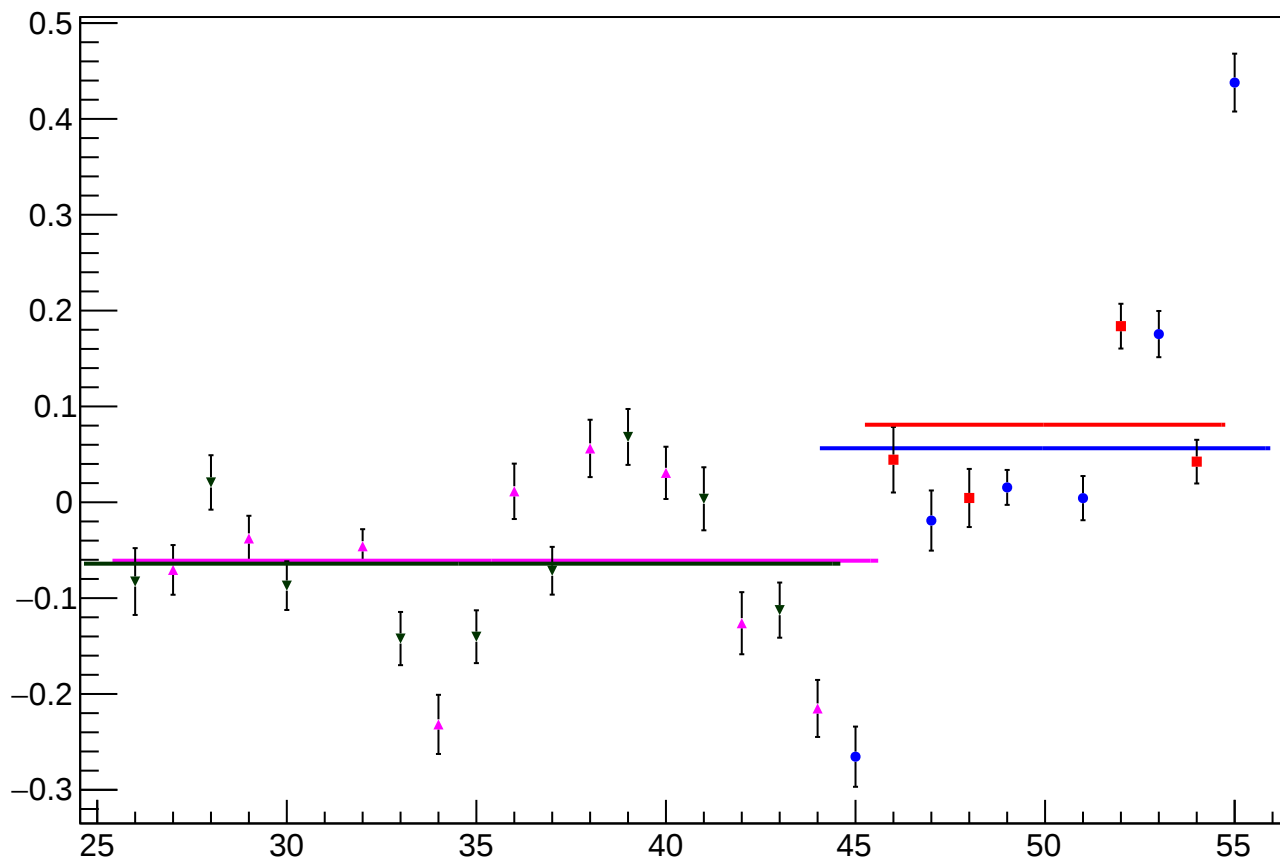
Right Out: -0.014+/-0.003 χ^2 /NDF: 56.3/3

Left In: 0.002+/-0.002 χ^2 /NDF:272.1/8

-0.013+/-0.001 χ^2 /NDF: 949.3/14

-0.003+/-0.002 χ^2 /NDF: 351.3/12

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.056 ± 0.010 $\chi^2/\text{NDF}: 305.0/5$

Left Out: -0.064 ± 0.009 $\chi^2/\text{NDF}: 53.3/8$

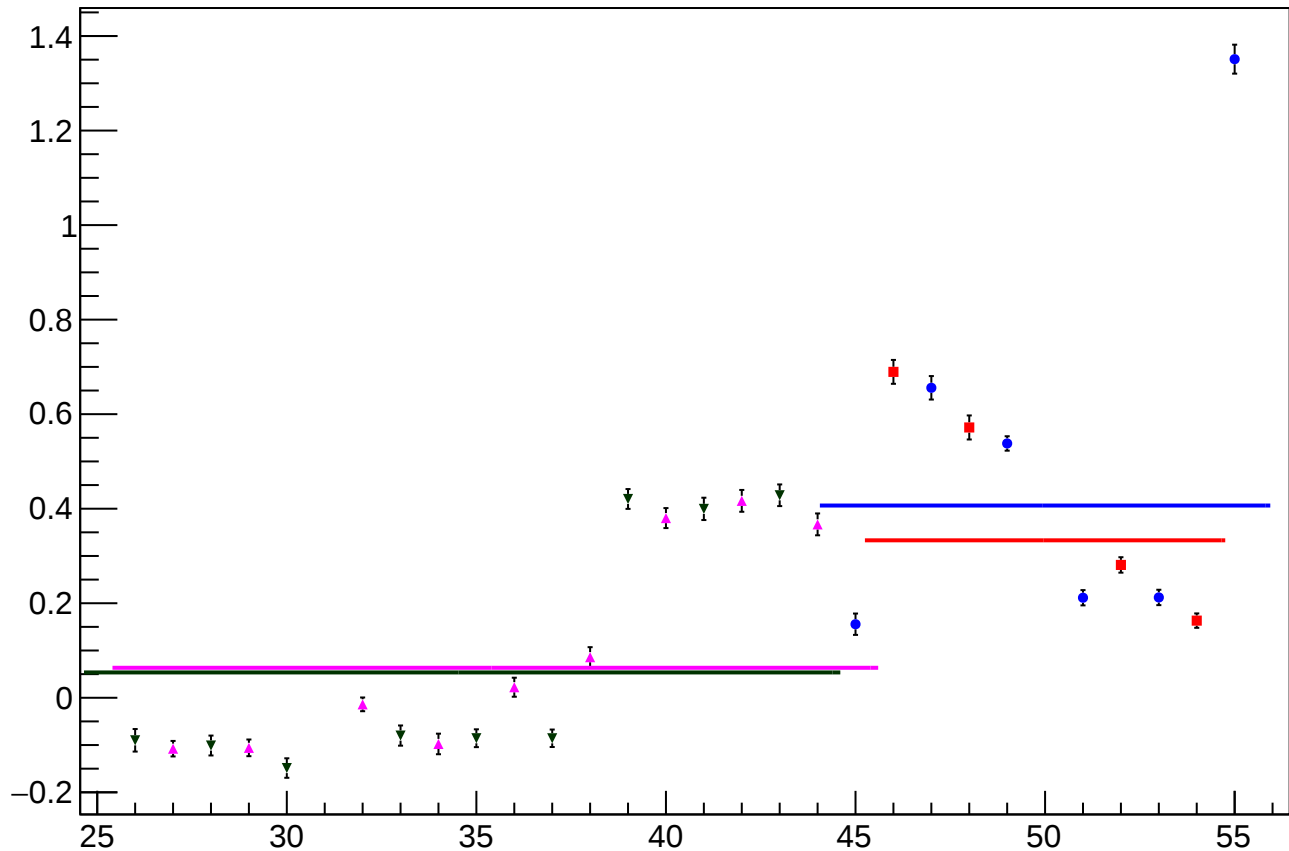
Right Out: 0.081 ± 0.013 $\chi^2/\text{NDF}: 29.7/3$

Left In: -0.061 ± 0.009 $\chi^2/\text{NDF}: 96.3/8$

-0.008 ± 0.007 $\chi^2/\text{NDF}: 433.7/14$

-0.018 ± 0.007 $\chi^2/\text{NDF}: 206.2/12$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.407 $\pm$ 0.008 χ^2 /NDF: 1536.8/5

Left Out: 0.054 $\pm$ 0.007 χ^2 /NDF:1125.4/8

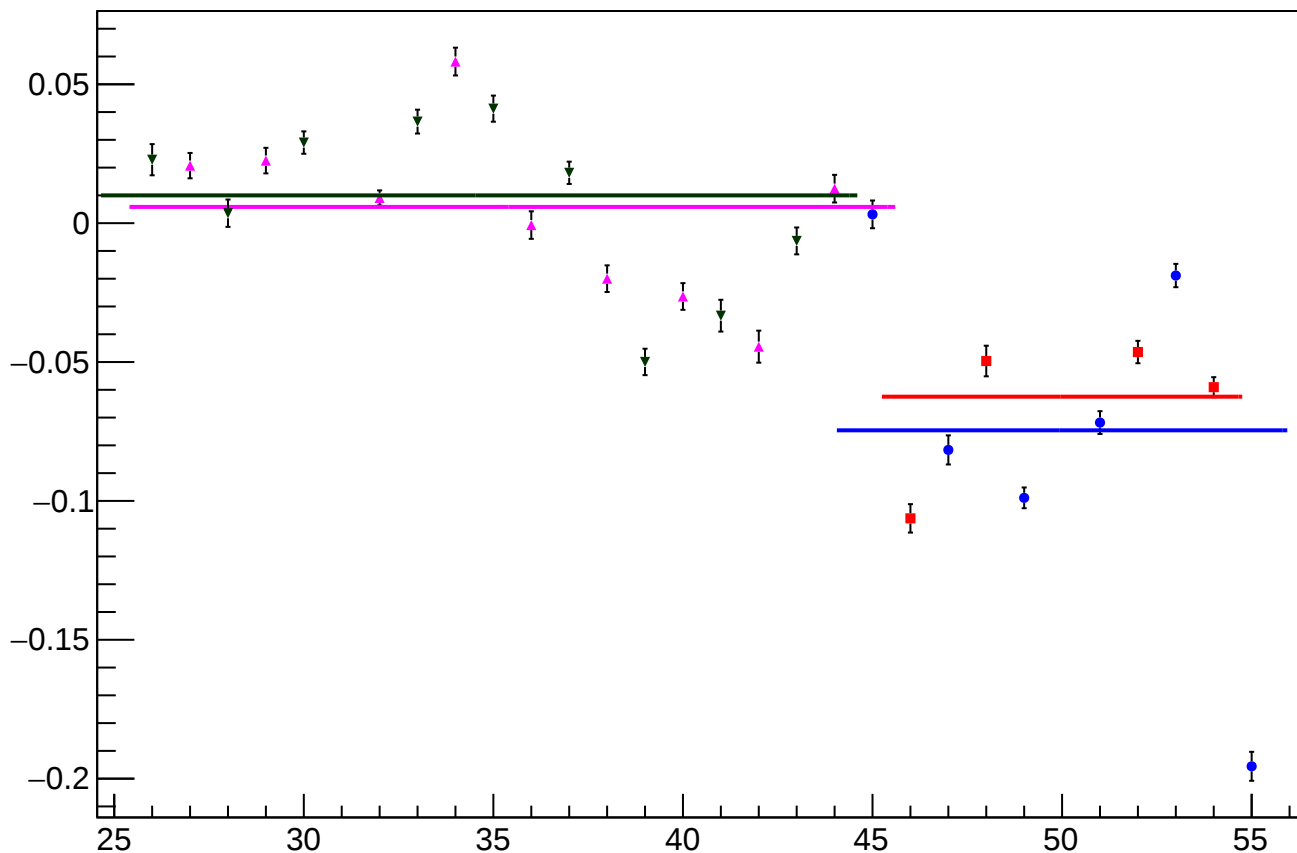
Right Out: 0.333 $\pm$ 0.009 χ^2 /NDF: 421.7/3

Left In: 0.063 $\pm$ 0.006 χ^2 /NDF:920.0/8

0.212 $\pm$ 0.005 χ^2 /NDF: 3798.0/14

0.148 $\pm$ 0.005 χ^2 /NDF: 1899.2/12

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.075 ± 0.002 χ^2/NDF : 1001.2/5

Left Out: 0.010 ± 0.002 χ^2/NDF : 343.2/8

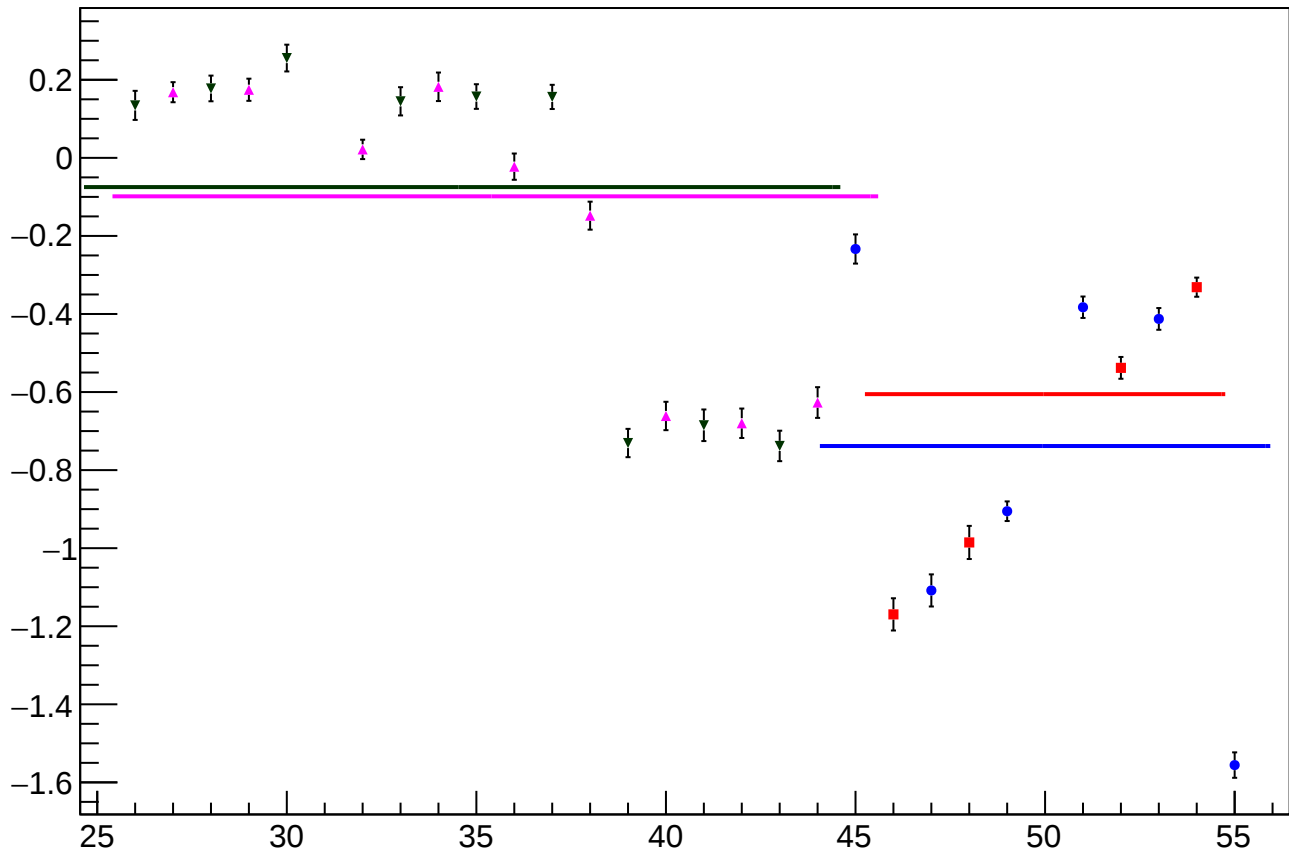
Right Out: -0.062 ± 0.002 χ^2/NDF : 95.6/3

Left In: 0.006 ± 0.001 χ^2/NDF : 288.3/8

-0.026 ± 0.001 χ^2/NDF : 2590.7/14

-0.015 ± 0.001 χ^2/NDF : 1060.4/12

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.738+/-0.012 χ^2/NDF : 1241.1/5

Left Out: -0.075+/-0.012 χ^2/NDF :1172.9/8

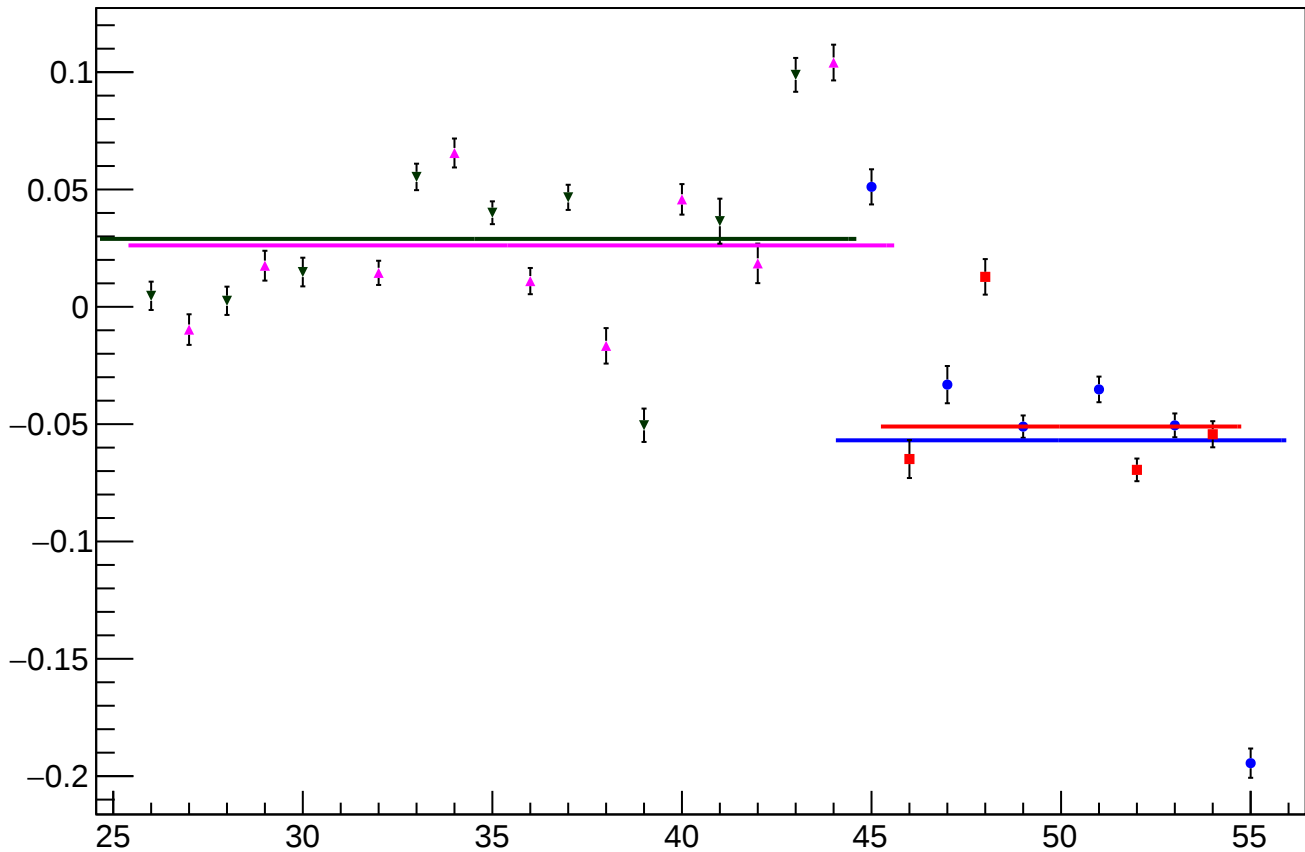
Right Out: -0.605+/-0.016 χ^2/NDF : 397.6/3

Left In: -0.099+/-0.011 χ^2/NDF :947.3/8

-0.385+/-0.009 χ^2/NDF : 3923.5/14

-0.258+/-0.009 χ^2/NDF : 2063.8/12

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.057 ± 0.002 χ^2/NDF : 721.8/5

Left Out: 0.029 ± 0.002 χ^2/NDF : 298.0/8

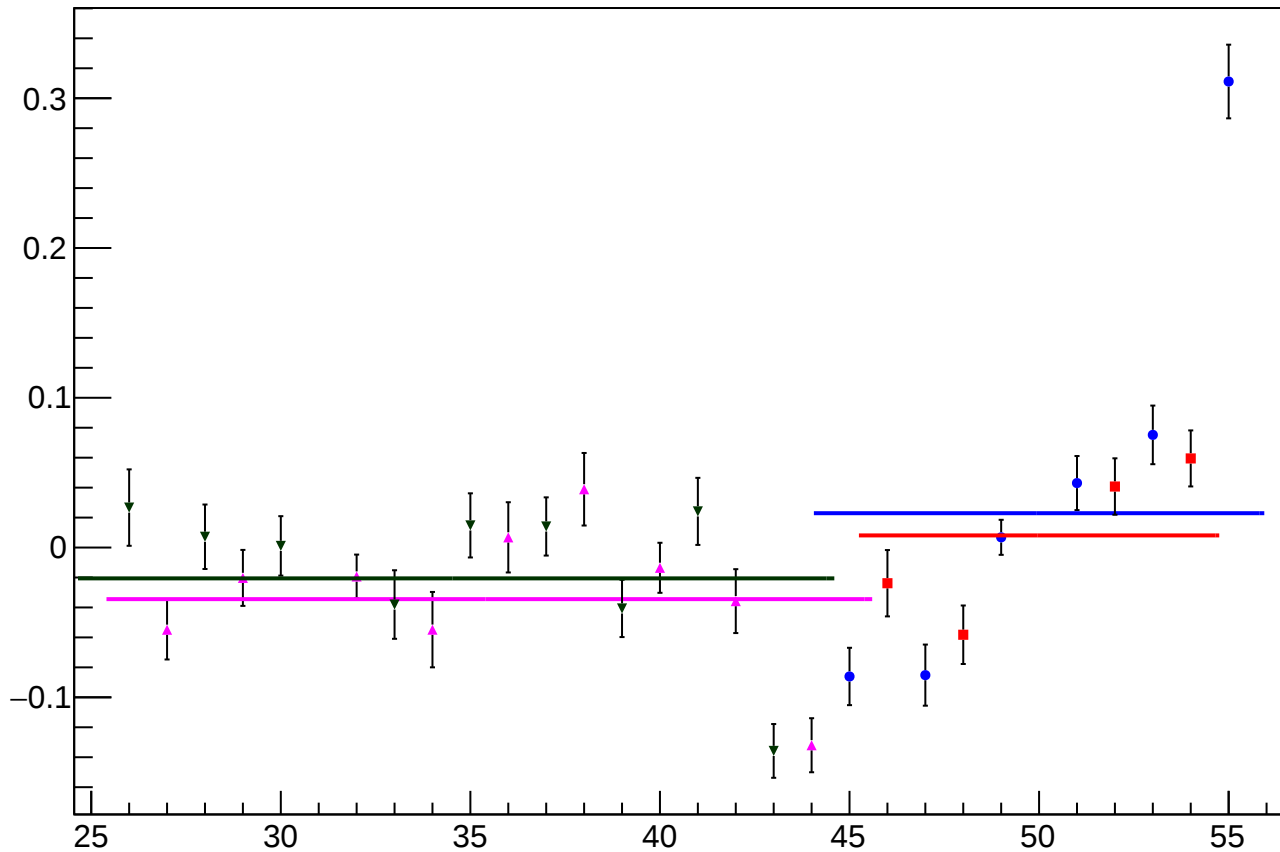
Right Out: -0.051 ± 0.003 χ^2/NDF : 88.8/3

Left In: 0.026 ± 0.002 χ^2/NDF : 232.0/8

-0.007 ± 0.002 χ^2/NDF : 1768.0/14

0.001 ± 0.002 χ^2/NDF : 749.7/12

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.023 ± 0.007 χ^2/NDF : 208.1/5

Left Out: -0.021 ± 0.007 χ^2/NDF : 59.1/8

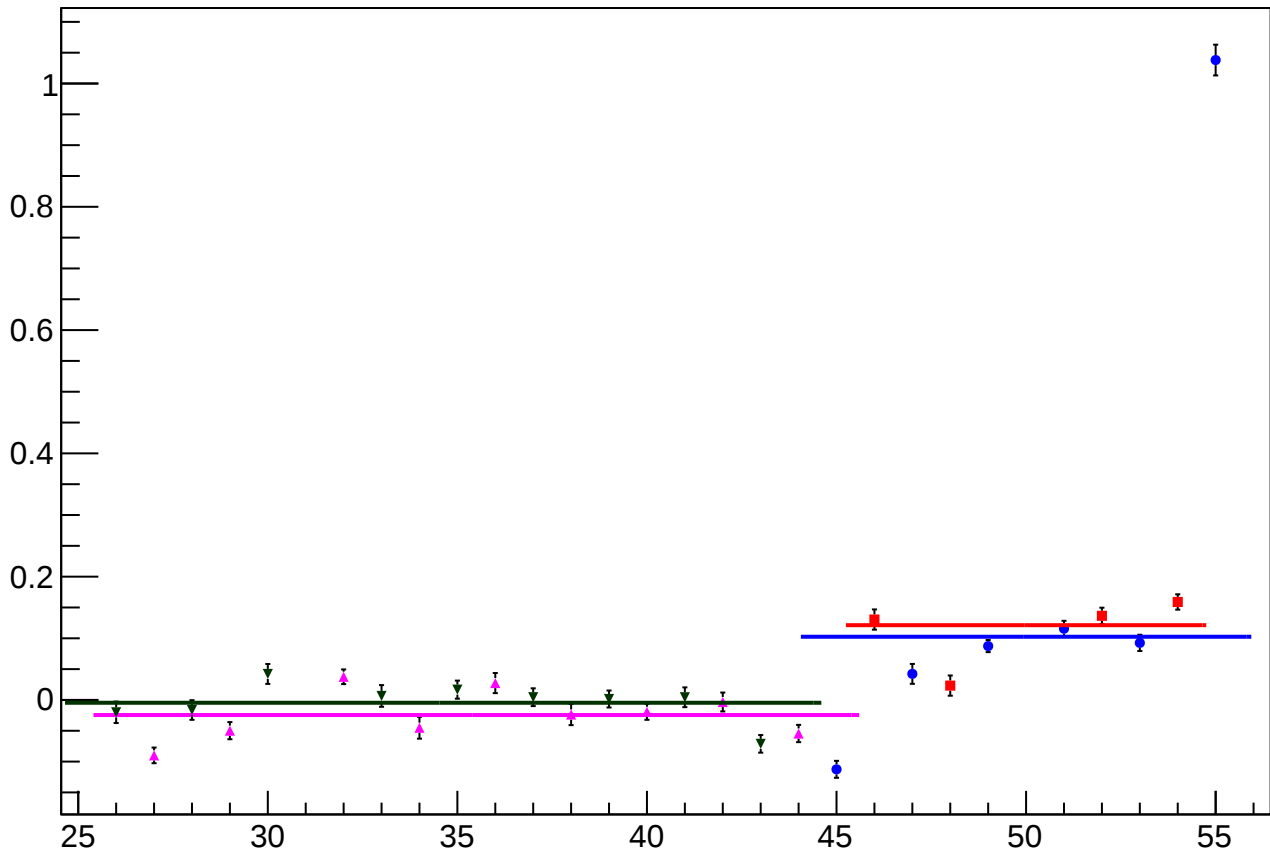
Right Out: 0.008 ± 0.010 χ^2/NDF : 24.2/3

Left In: -0.034 ± 0.006 χ^2/NDF : 46.4/8

0.001 ± 0.005 χ^2/NDF : 286.4/14

-0.022 ± 0.005 χ^2/NDF : 83.7/12

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.103 ± 0.006 χ^2/NDF : 1669.0/5

Left Out: -0.005 ± 0.005 χ^2/NDF : 34.9/8

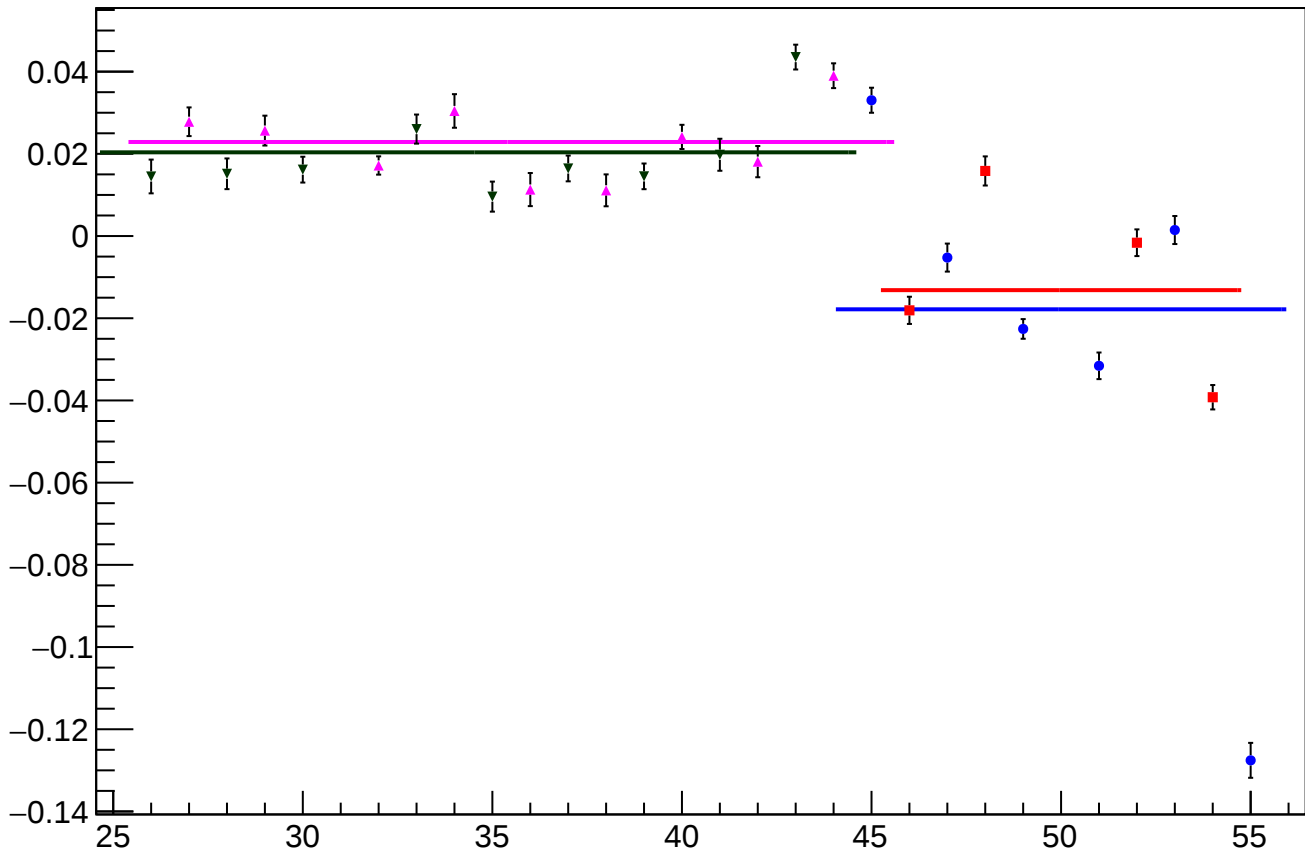
Right Out: 0.121 ± 0.007 χ^2/NDF : 46.5/3

Left In: -0.024 ± 0.005 χ^2/NDF : 75.1/8

0.045 ± 0.004 χ^2/NDF : 1905.9/14

0.021 ± 0.004 χ^2/NDF : 410.3/12

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.018 ± 0.001 χ^2/NDF : 1013.3/5

Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

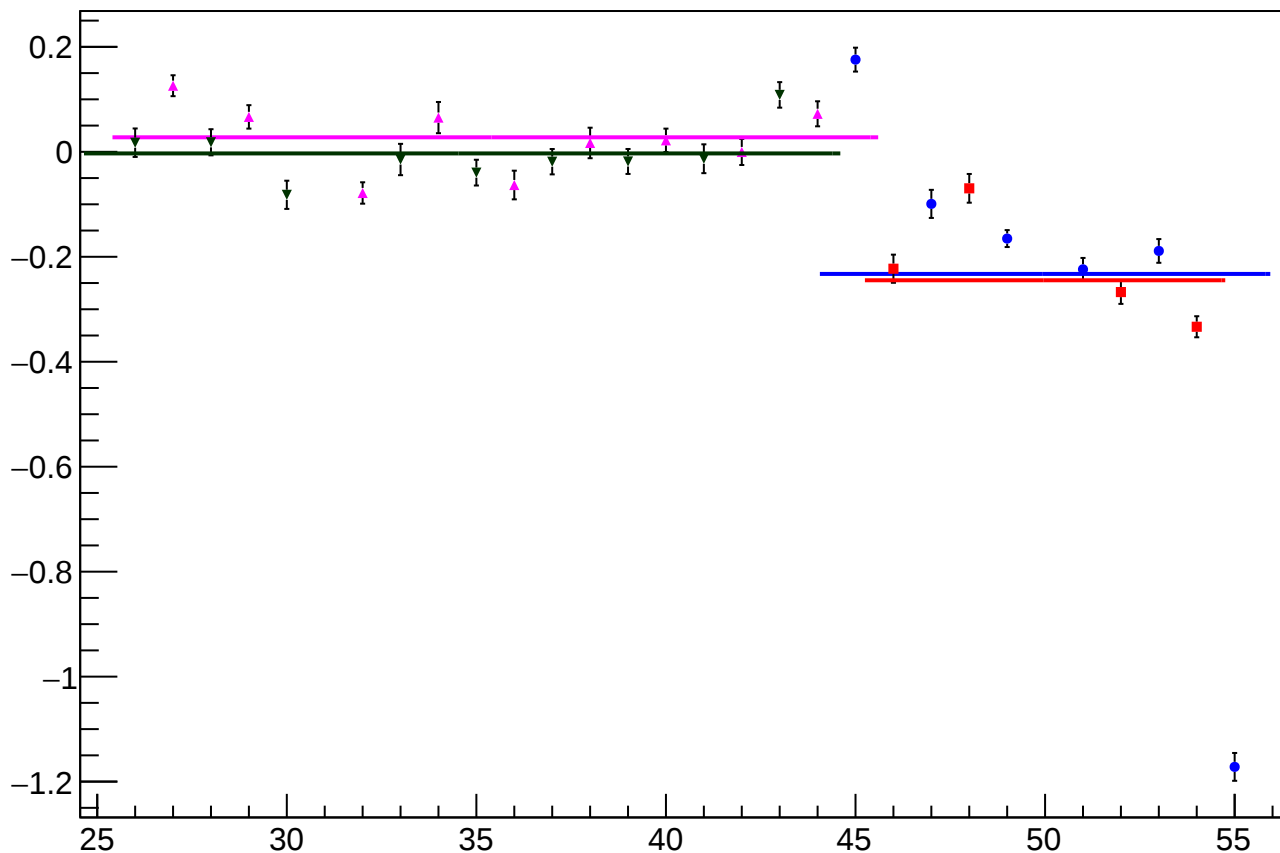
Right Out: -0.013 ± 0.002 χ^2/NDF : 158.8/3

Left In: 0.023 ± 0.001 χ^2/NDF : 60.4/8

0.004 ± 0.001 χ^2/NDF : 1587.9/14

0.012 ± 0.001 χ^2/NDF : 559.0/12

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.233+/-0.009 χ^2 /NDF: 1622.6/5

Left Out: -0.003+/-0.009 χ^2 /NDF:34.3/8

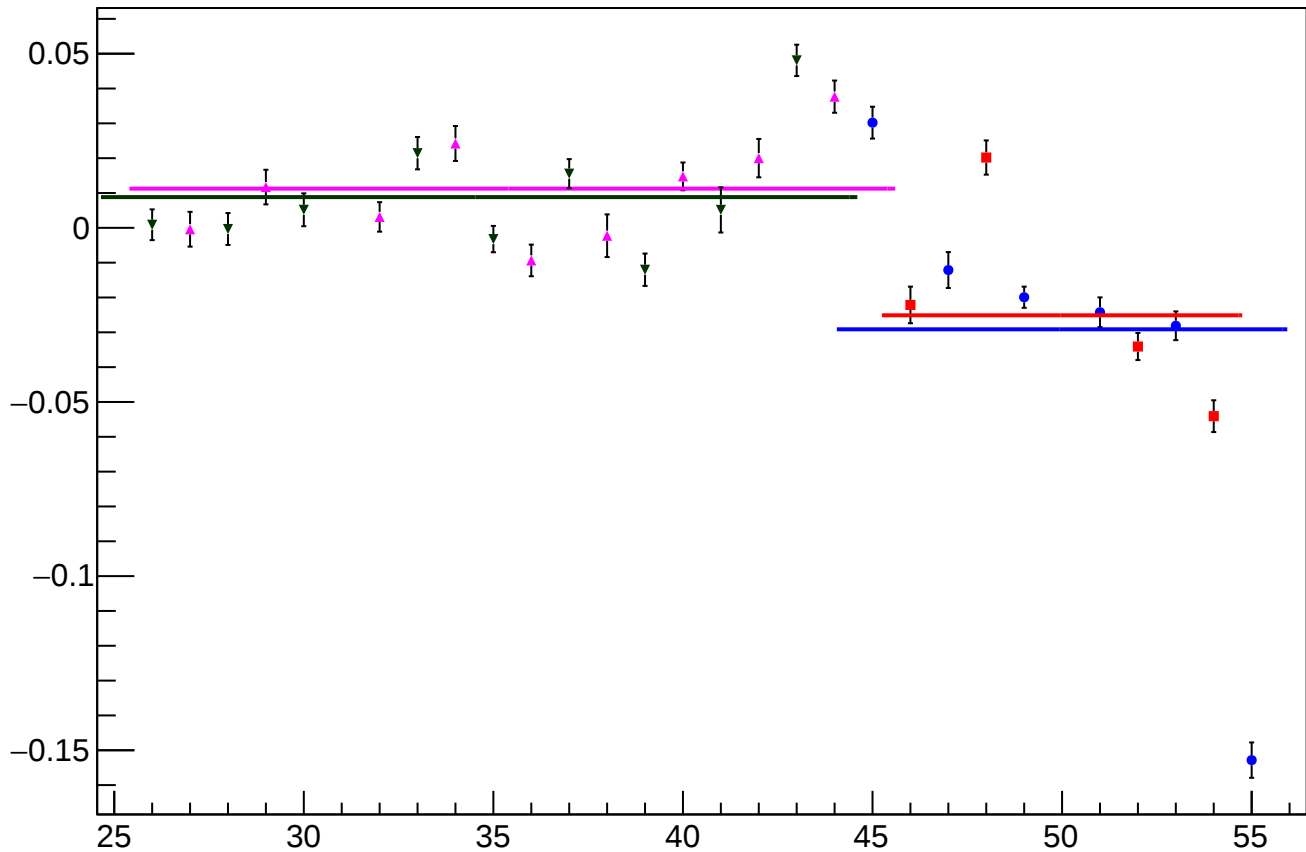
Right Out: -0.245+/-0.012 χ^2 /NDF: 62.1/3

Left In: 0.028+/-0.008 χ^2 /NDF:72.1/8

-0.114+/-0.006 χ^2 /NDF: 2002.9/14

-0.057+/-0.007 χ^2 /NDF: 501.9/12

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.029±/0.002 χ^2/NDF : 783.2/5

Left Out: 0.009±/0.002 χ^2/NDF :124.4/8

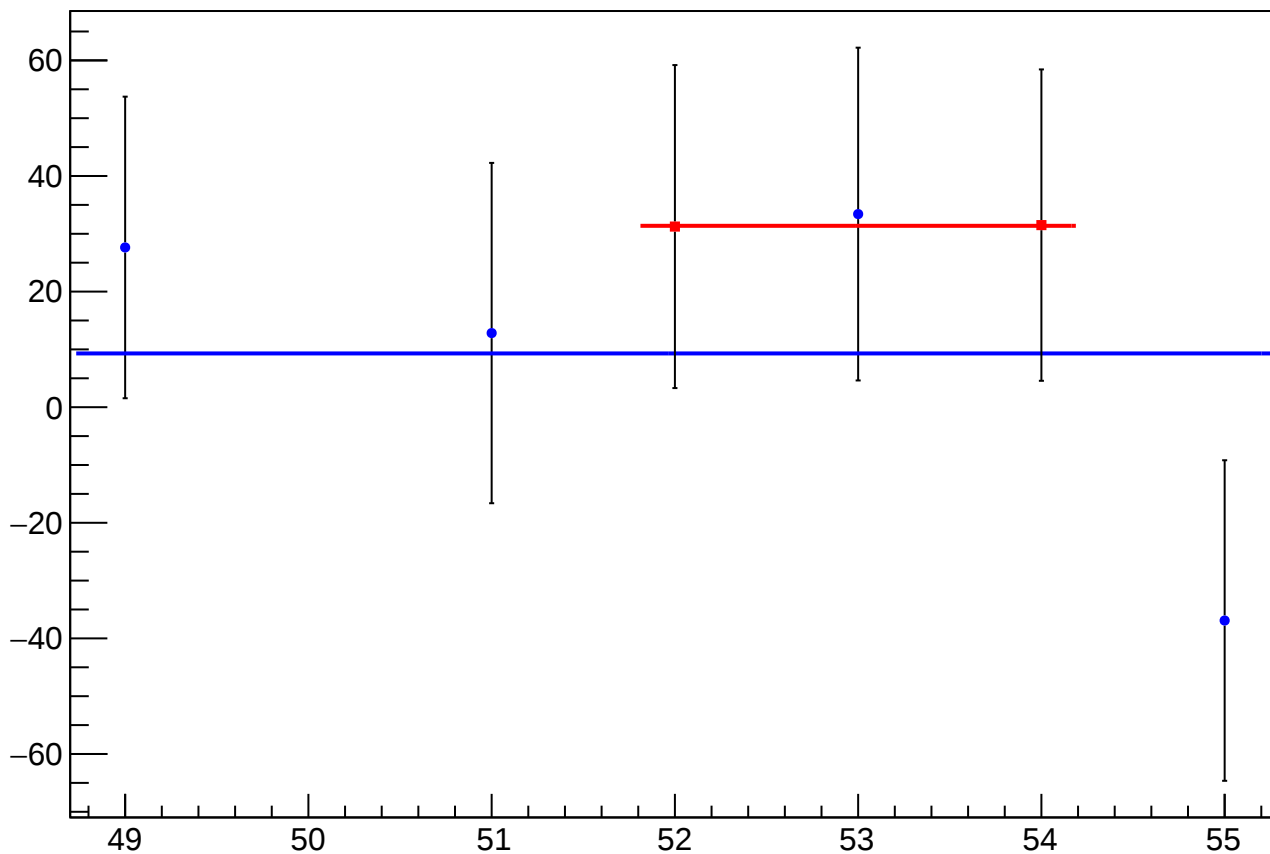
Right Out: -0.025±/0.002 χ^2/NDF : 130.9/3

Left In: 0.011±/0.002 χ^2/NDF :77.3/8

-0.008±/0.001 χ^2/NDF : 1185.7/14

-0.001±/0.001 χ^2/NDF : 378.6/12

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 9.301 $\pm$ 13.962 χ^2 /NDF: 4.0/3

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

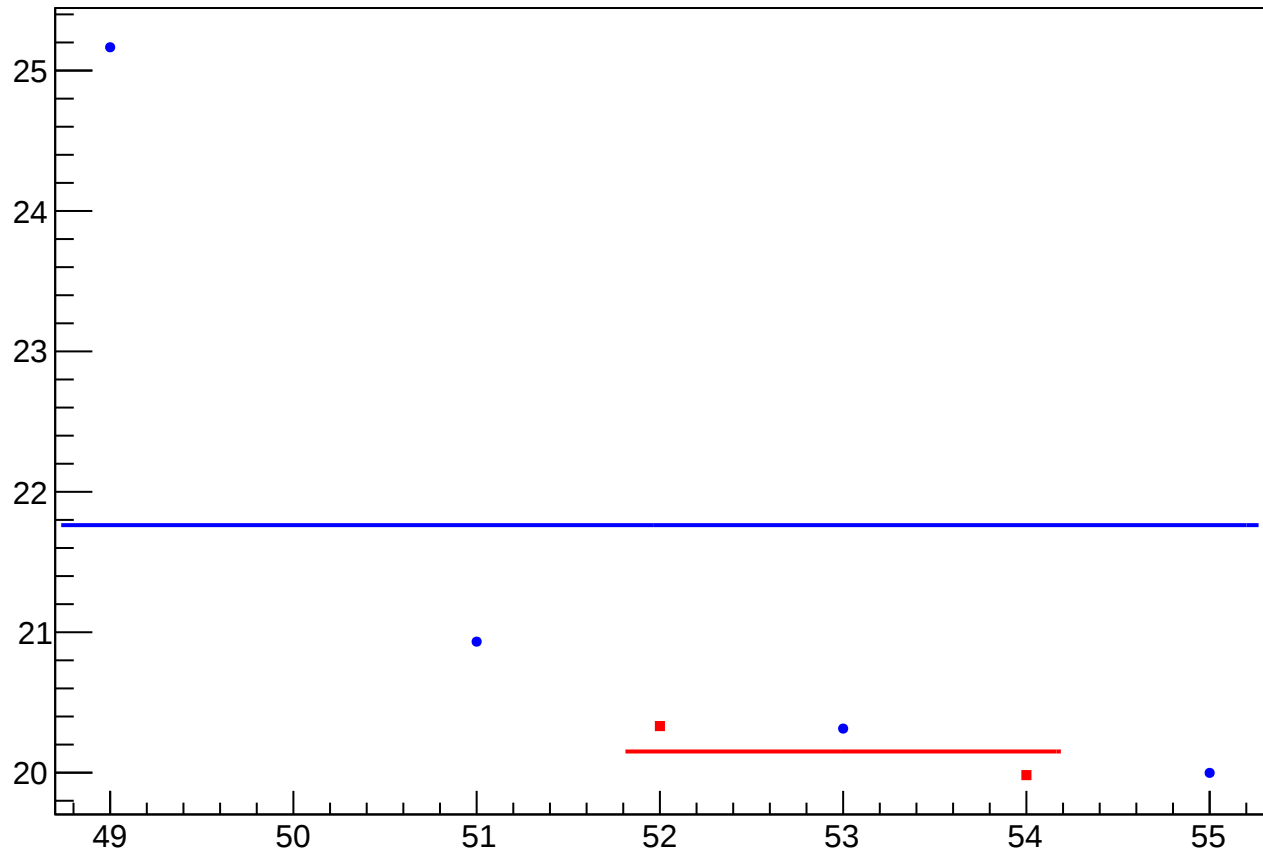
Right Out: 31.381 $\pm$ 19.393 χ^2 /NDF: 0.0/1

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

9.301 $\pm$ 13.962 χ^2 /NDF: 4.0/3

31.381 $\pm$ 19.393 χ^2 /NDF: 0.0/1

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 21.763+/-0.010 χ^2/NDF : 48781.8/3

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

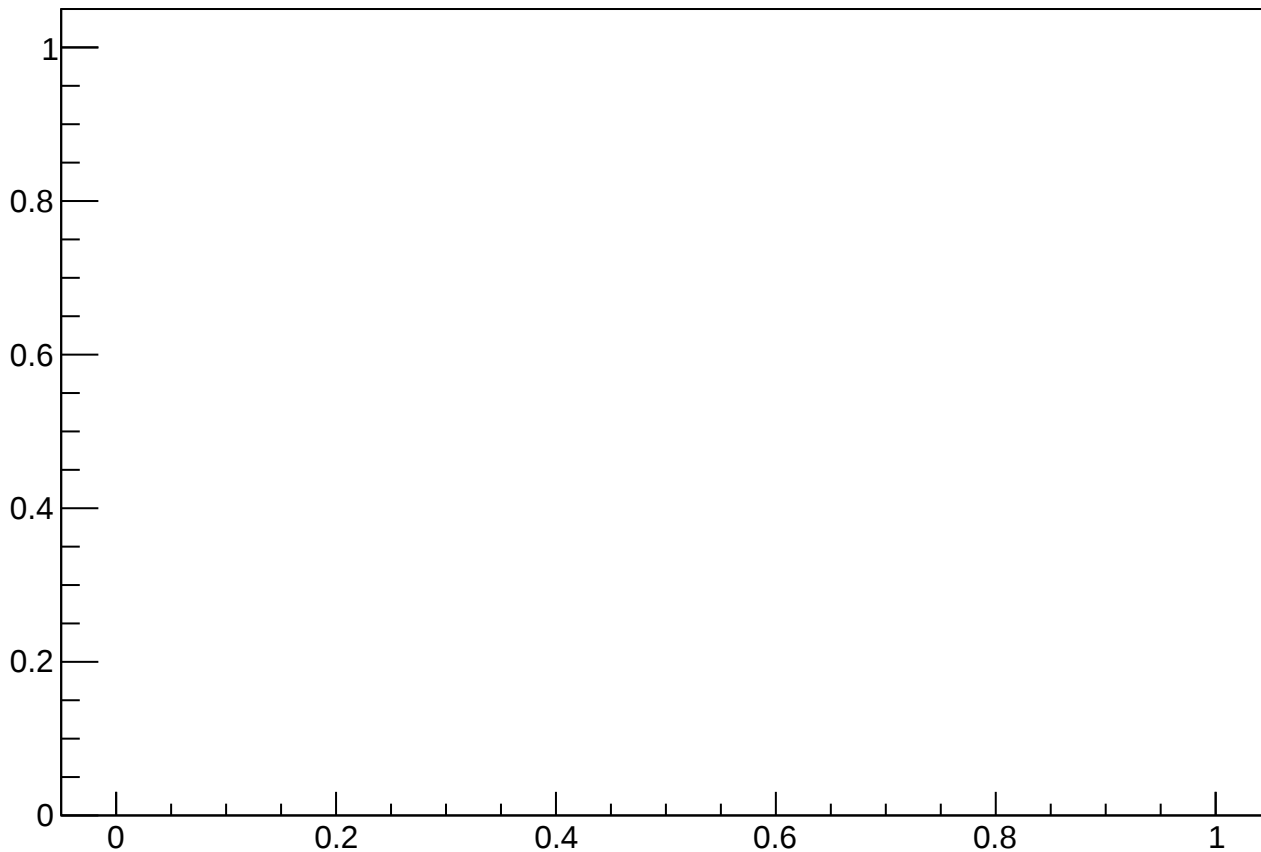
Right Out: 20.151+/-0.014 χ^2/NDF : 162.0/1

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

21.763+/-0.010 χ^2/NDF : 48781.8/3

20.151+/-0.014 χ^2/NDF : 162.0/1

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

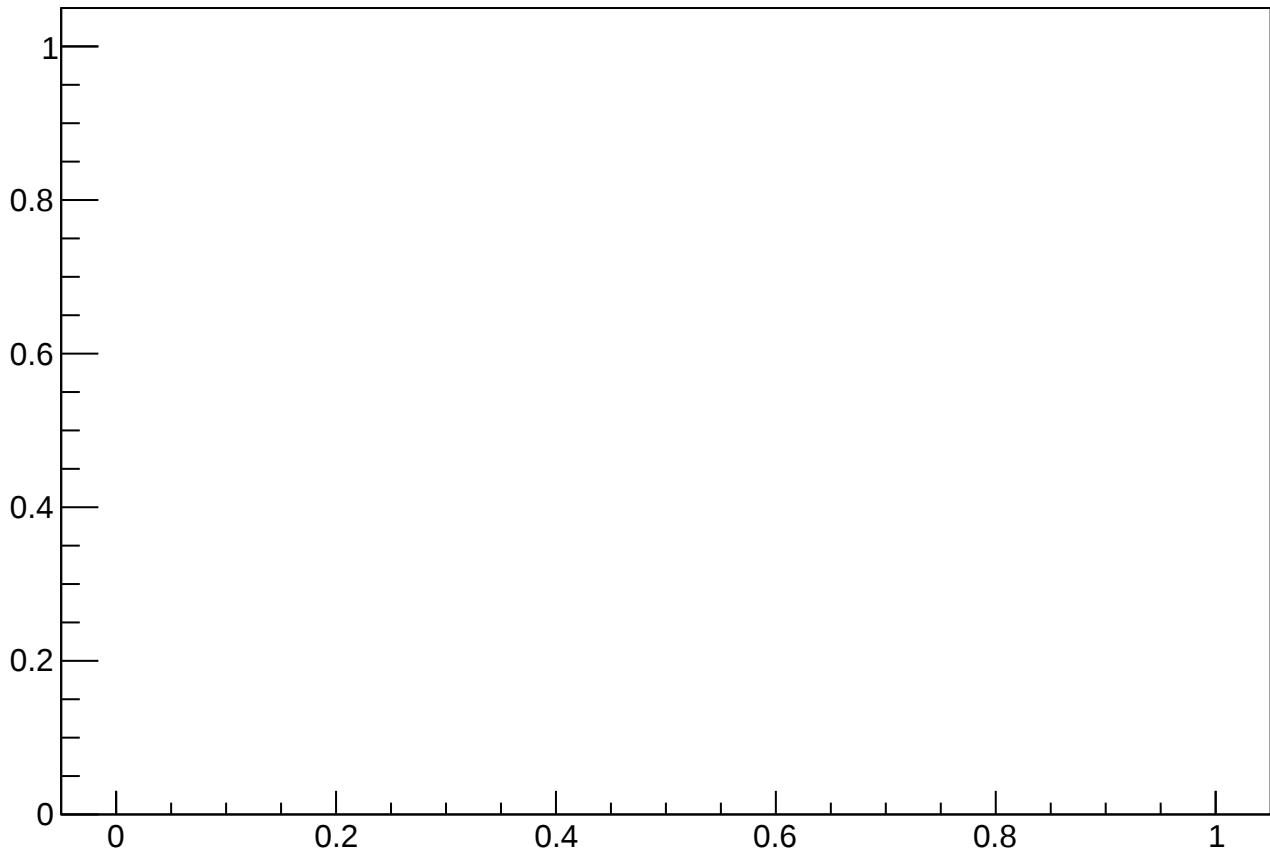
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

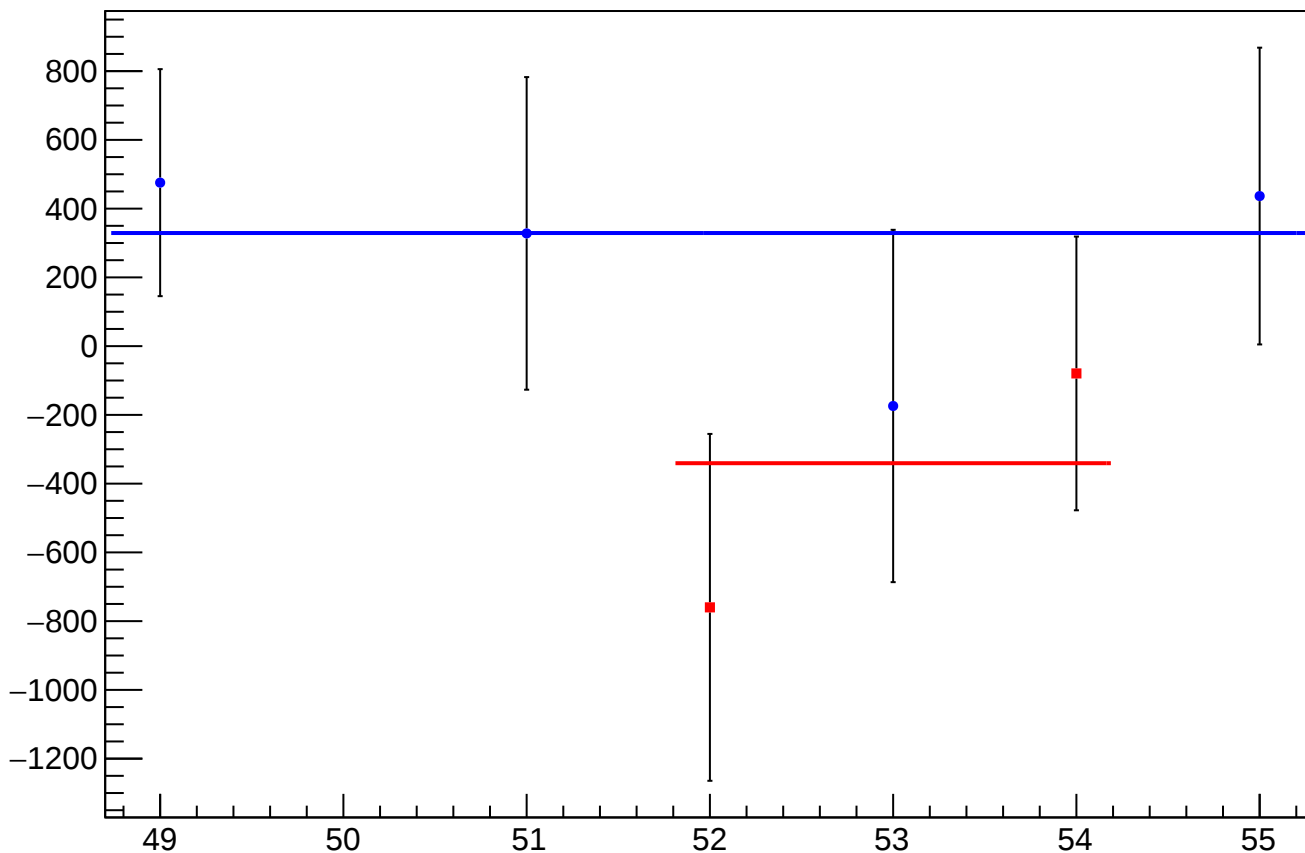
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 329.054+/-207.691 χ^2/NDF : 1.2/3

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

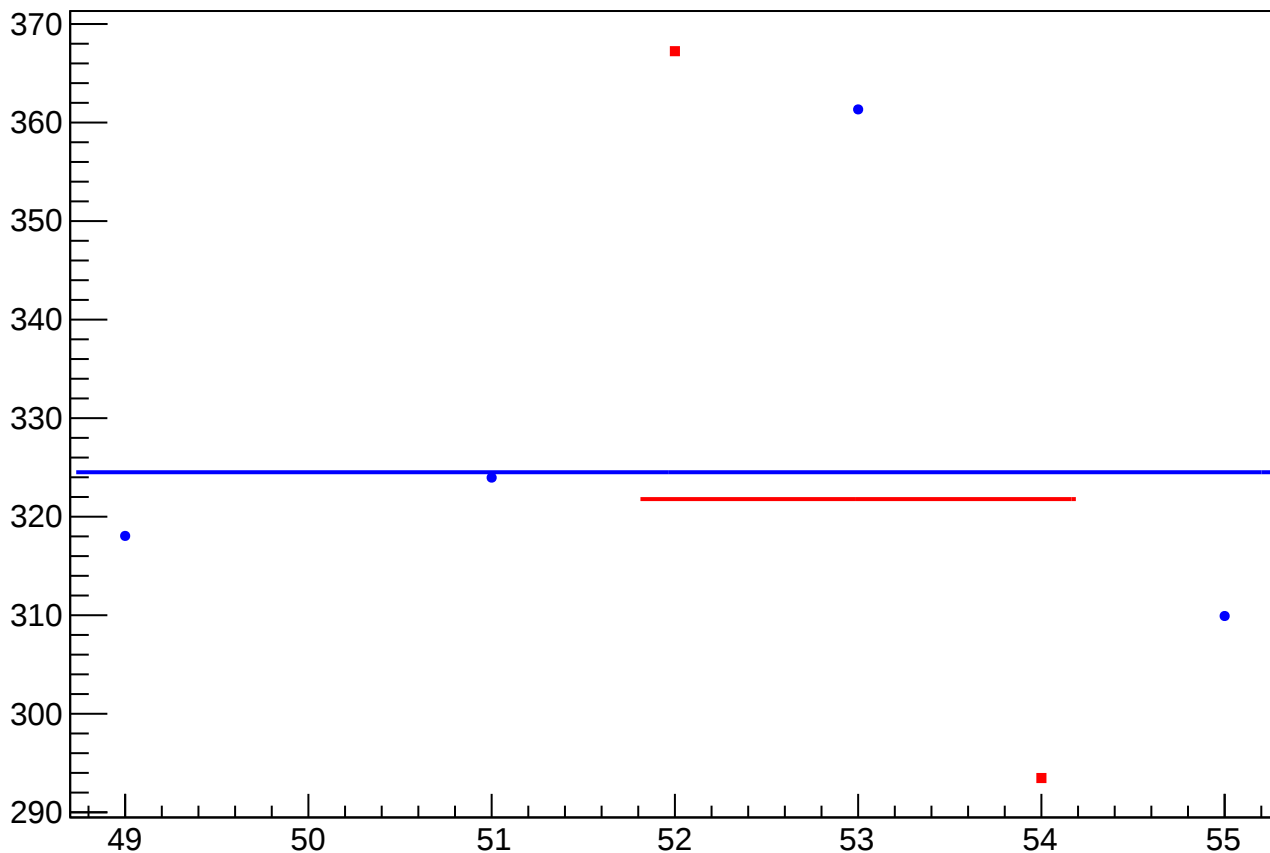
Right Out: -340.554+/-312.550 χ^2/NDF : 1.1/1

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

329.054+/-207.691 χ^2/NDF : 1.2/3

-340.554+/-312.550 χ^2/NDF : 1.1/1

asym_us_agg_avg_rms vs slug



Right In: 324.512 $\pm$ 0.147 χ^2 /NDF: 13378.8/3

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

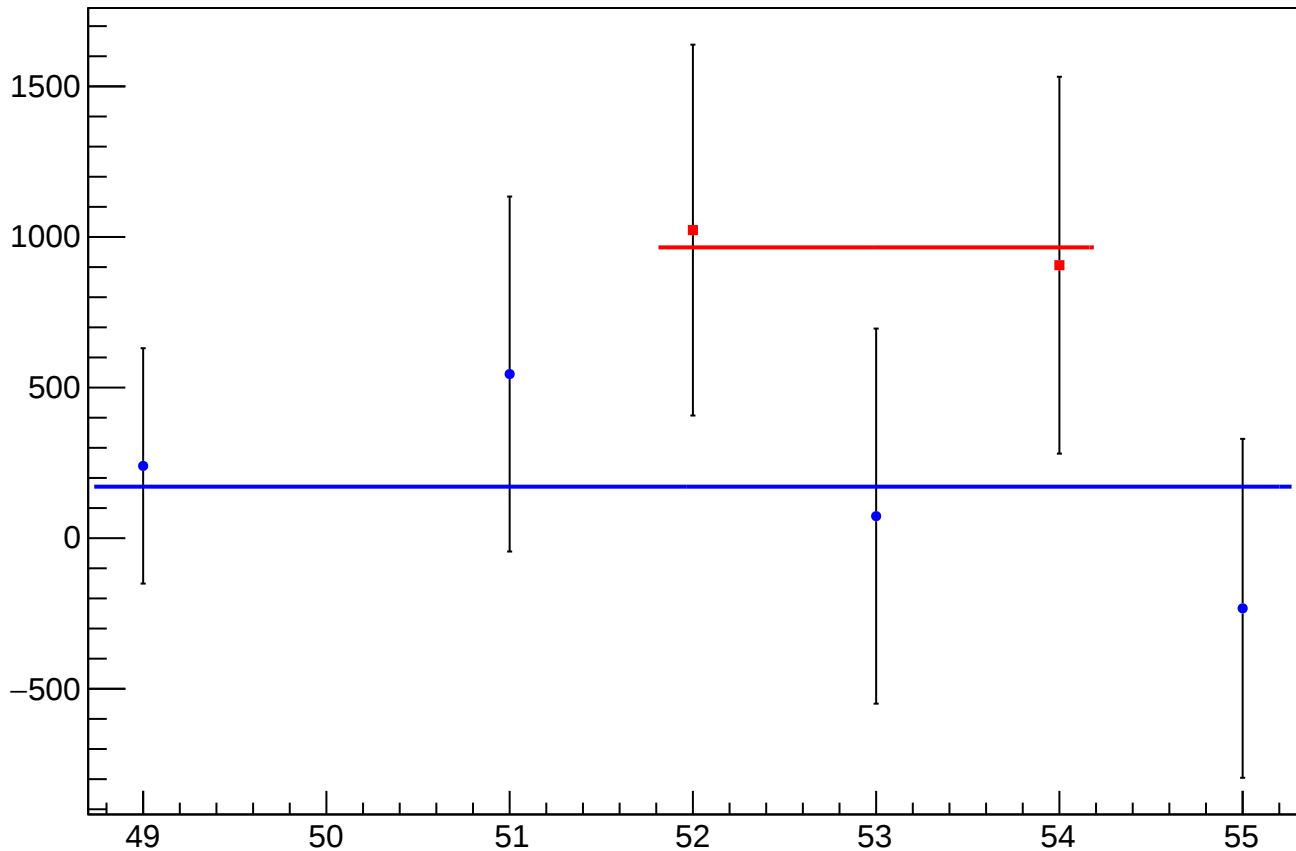
Right Out: 321.786 $\pm$ 0.221 χ^2 /NDF: 26343.7/1

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

324.512 $\pm$ 0.147 χ^2 /NDF: 13378.8/3

321.786 $\pm$ 0.221 χ^2 /NDF: 26343.7/1

asym_us_agg_dd_mean vs slug



Right In: 171.059+/-256.764 χ^2/NDF : 1.0/3

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

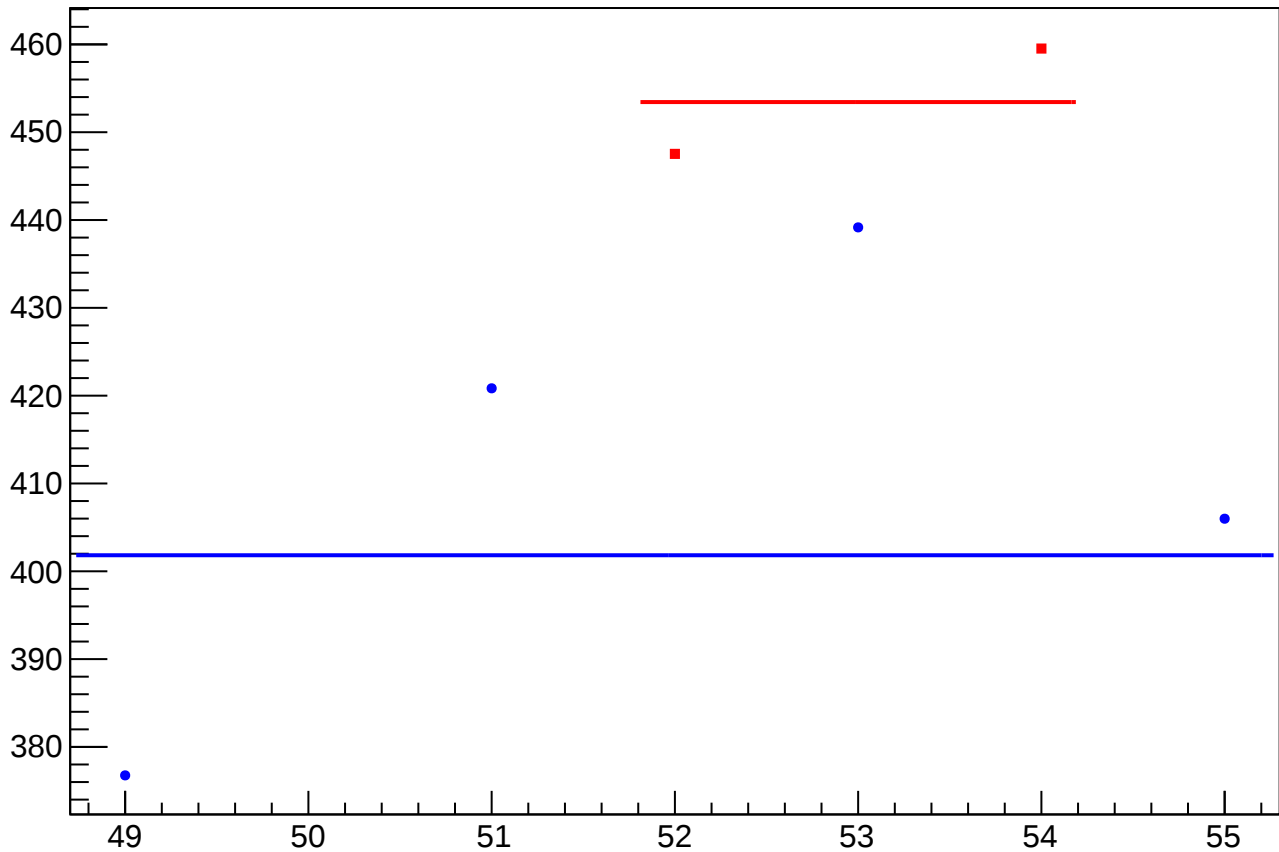
Right Out: 965.510+/-438.803 χ^2/NDF : 0.0/1

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

171.059+/-256.764 χ^2/NDF : 1.0/3

965.510+/-438.803 χ^2/NDF : 0.0/1

asym_us_agg_dd_rms vs slug



Right In: 401.827 $\pm$ 0.182 χ^2 /NDF: 17613.1/3

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

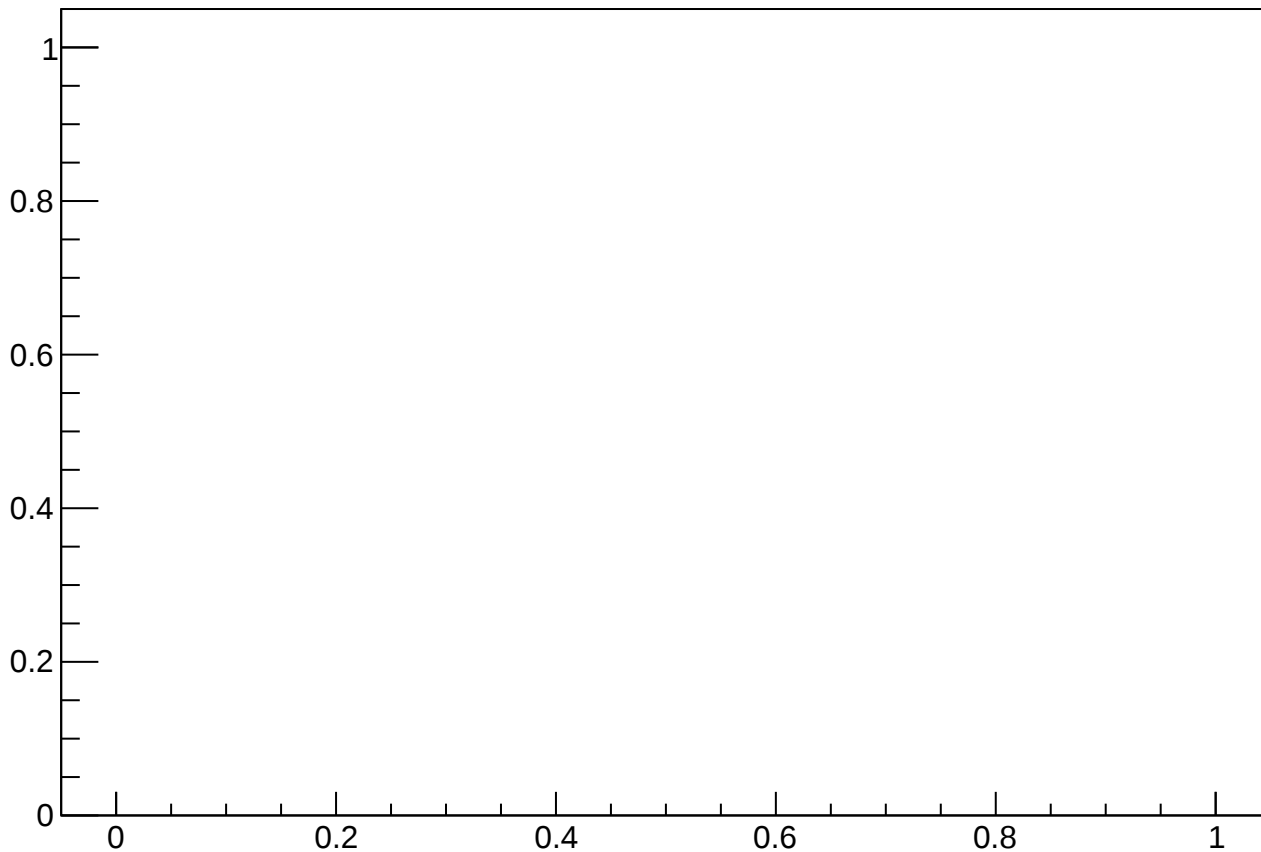
401.827 $\pm$ 0.182 χ^2 /NDF: 17613.1/3

Right Out: 453.433 $\pm$ 0.310 χ^2 /NDF: 373.5/1

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

453.433 $\pm$ 0.310 χ^2 /NDF: 373.5/1

asym_ds_agg_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

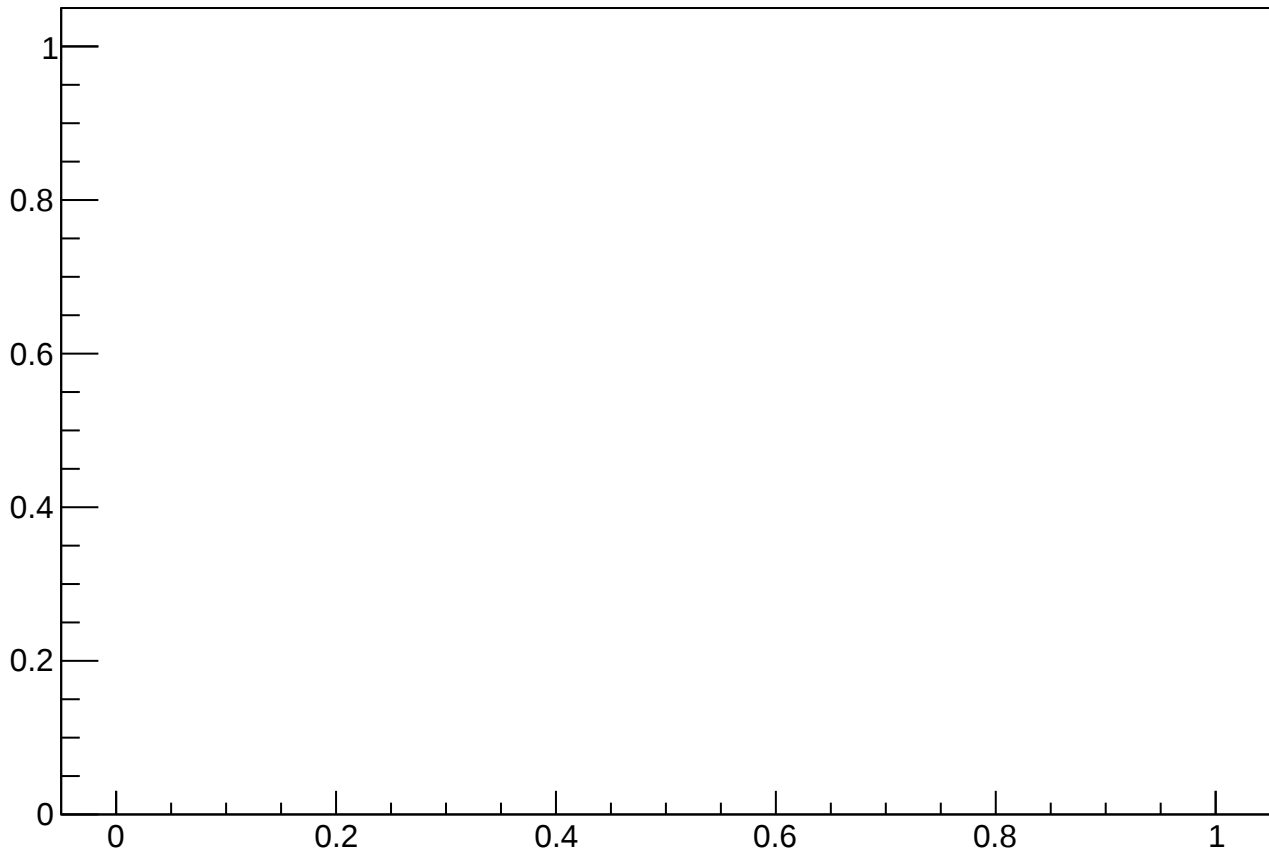
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_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

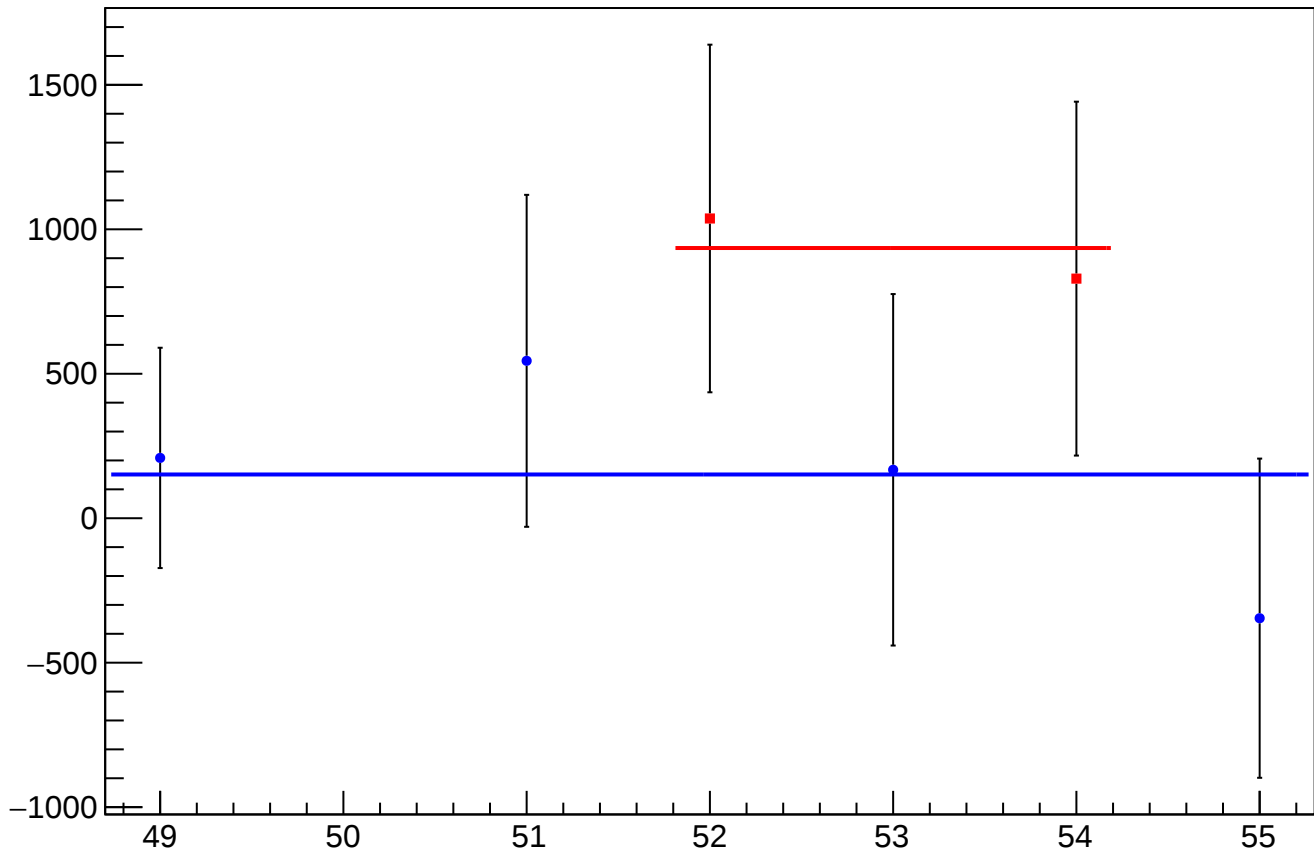
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_ds_agg_dd_mean vs slug



Right In: 151.424 $\pm$ 250.875 χ^2 /NDF: 1.3/3

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

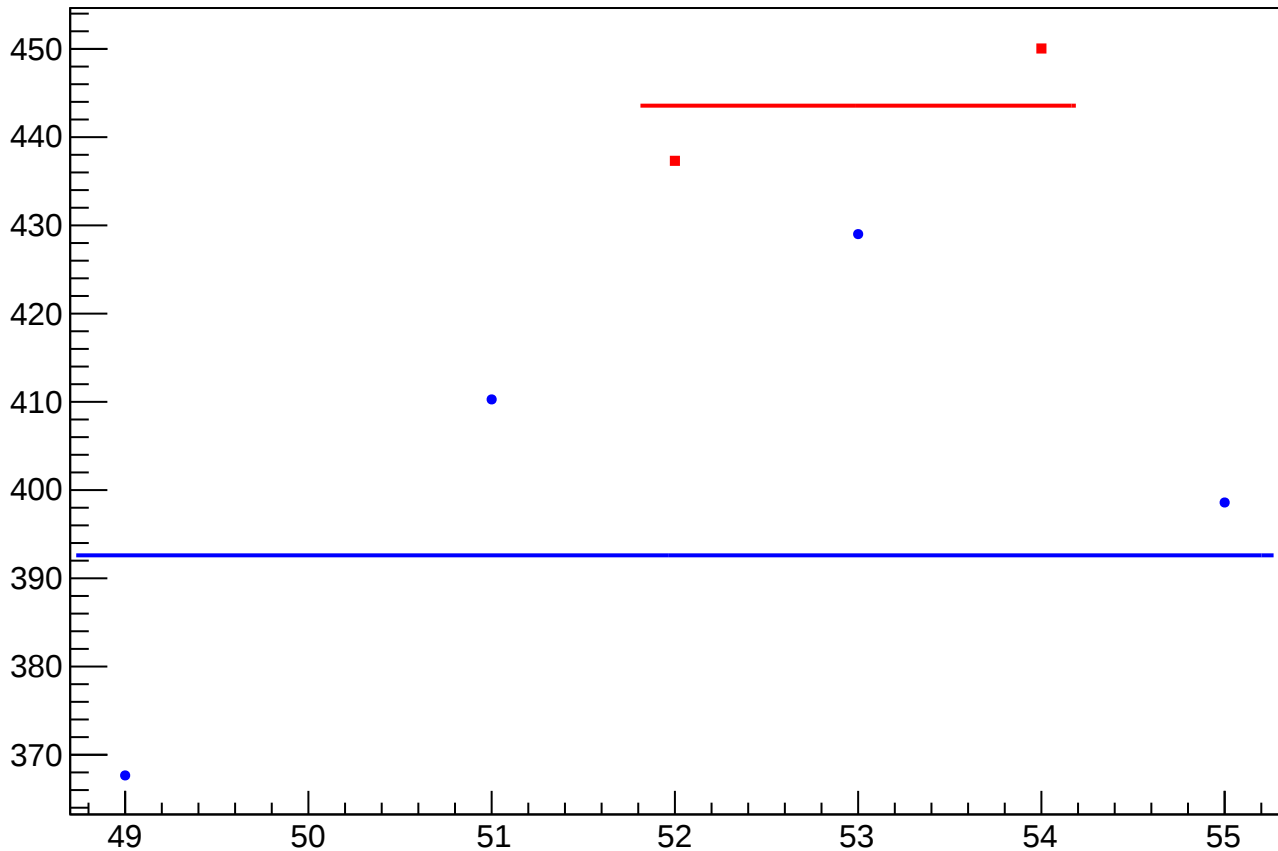
Right Out: 935.249 $\pm$ 429.182 χ^2 /NDF: 0.1/1

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

151.424 $\pm$ 250.875 χ^2 /NDF: 1.3/3

935.249 $\pm$ 429.182 χ^2 /NDF: 0.1/1

asym_ds_agg_dd_rms vs slug



Right In: 392.604 $\pm$ 0.177 χ^2 /NDF: 17852.9/3

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

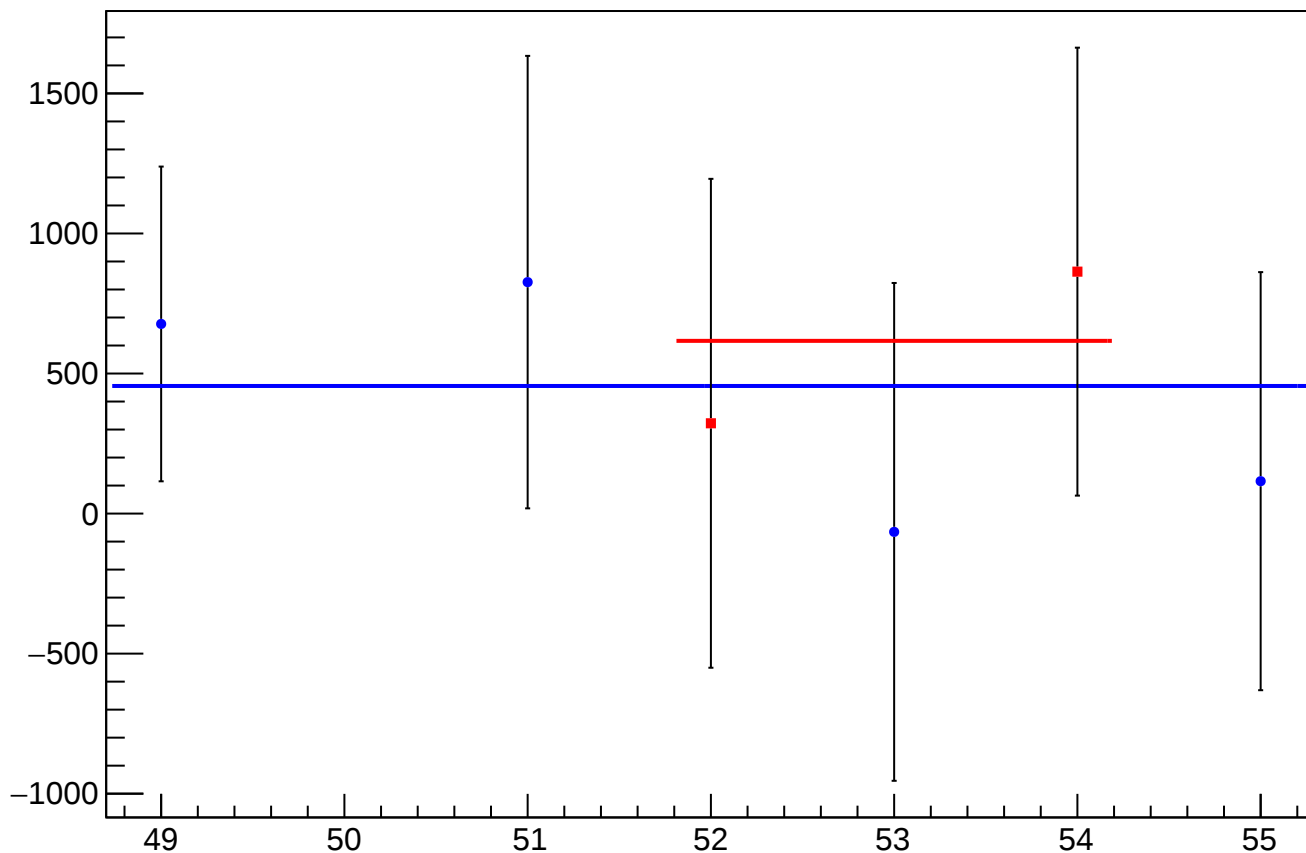
392.604 $\pm$ 0.177 χ^2 /NDF: 17852.9/3

Right Out: 443.570 $\pm$ 0.303 χ^2 /NDF: 439.9/1

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

443.570 $\pm$ 0.303 χ^2 /NDF: 439.9/1

asym_left_agg_avg_mean vs slug



Right In: 455.570+/-358.924 χ^2 /NDF: 0.9/3

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

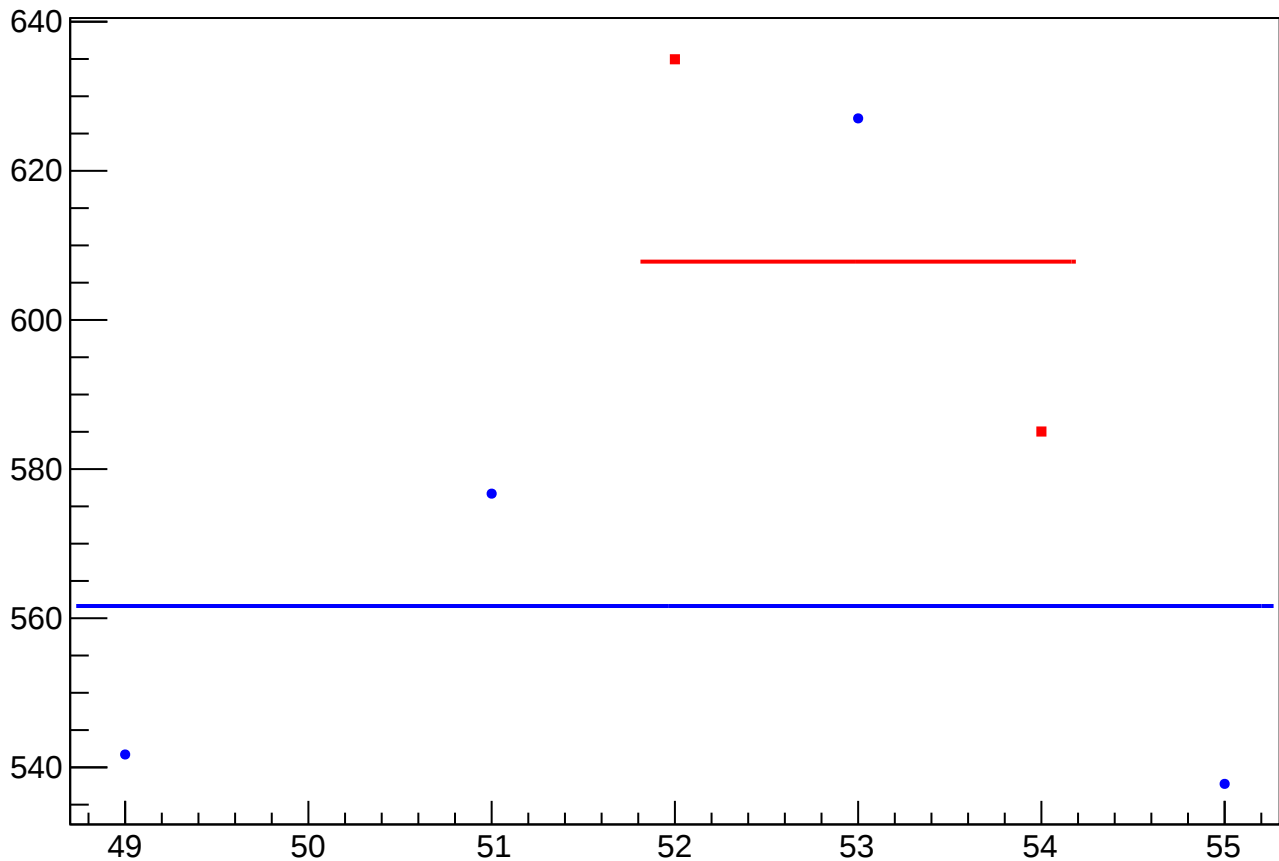
Right Out: 616.637+/-589.578 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

455.570+/-358.924 χ^2 /NDF: 0.9/3

616.637+/-589.578 χ^2 /NDF: 0.2/1

asym_left_agg_avg_rms vs slug



Right In: 561.639 $\pm$ 0.254 χ^2 /NDF: 16081.8/3

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

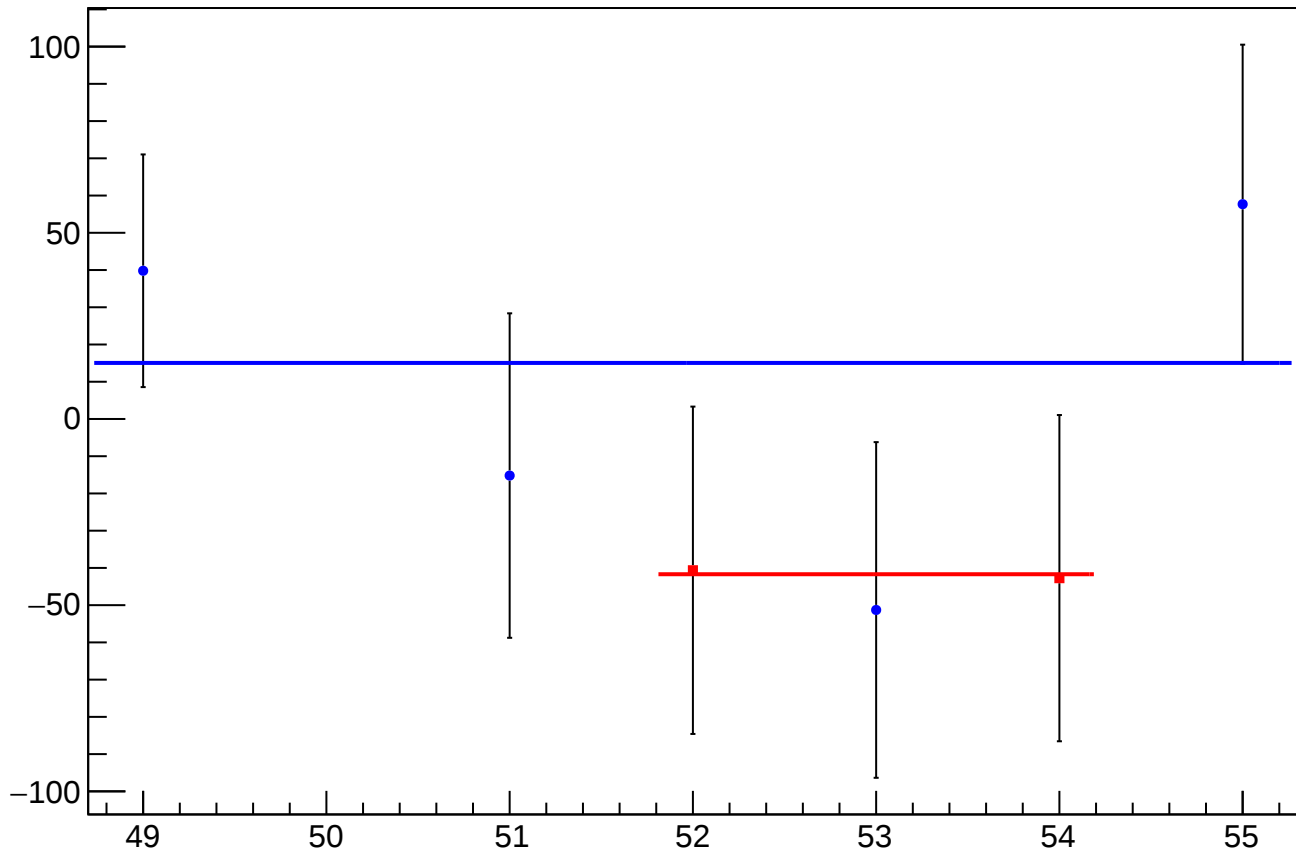
Right Out: 607.824 $\pm$ 0.417 χ^2 /NDF: 3557.6/1

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

561.639 $\pm$ 0.254 χ^2 /NDF: 16081.8/3

607.824 $\pm$ 0.417 χ^2 /NDF: 3557.6/1

asym_left_agg_dd_mean vs slug



Right In: 15.053+/-19.655 χ^2/NDF : 4.3/3

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

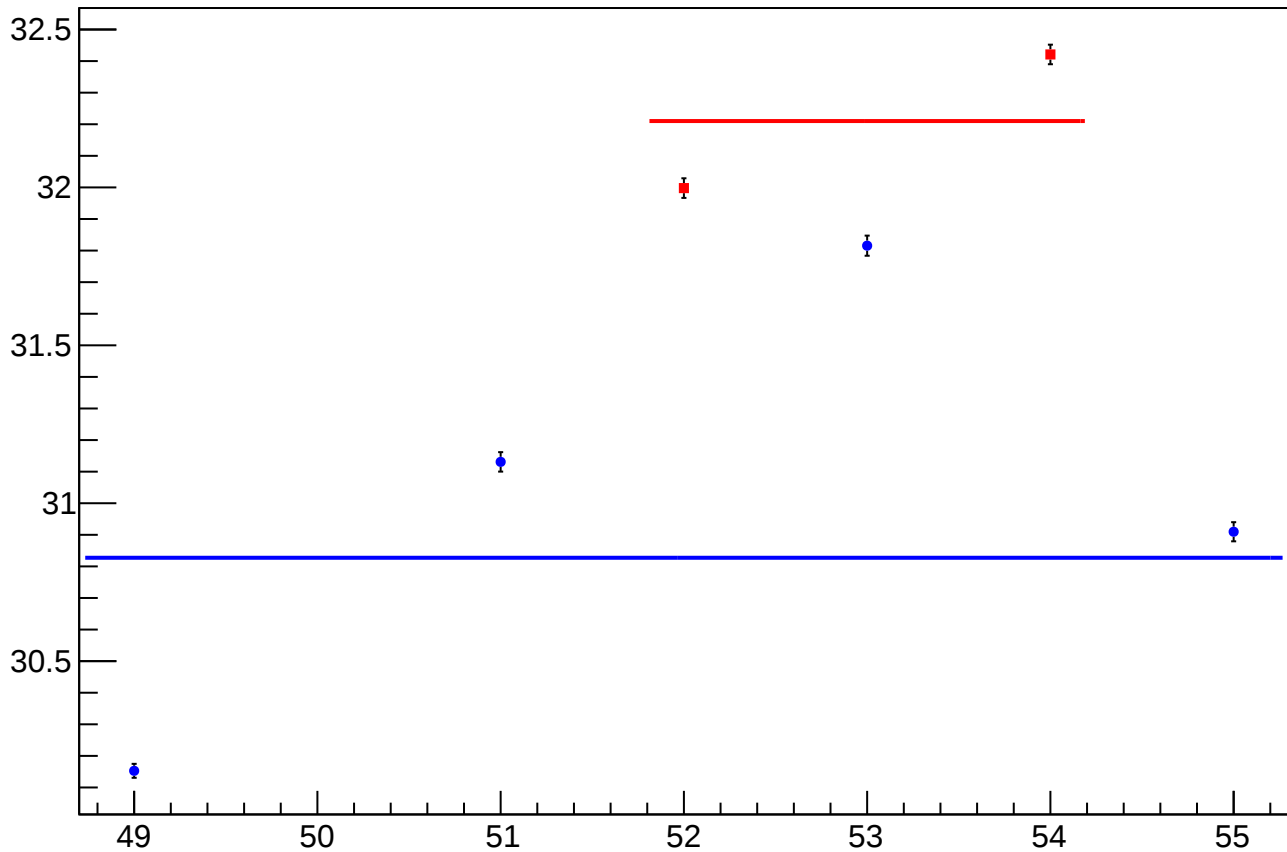
Right Out: -41.693+/-31.028 χ^2/NDF : 0.0/1

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

15.053+/-19.655 χ^2/NDF : 4.3/3

-41.693+/-31.028 χ^2/NDF : 0.0/1

asym_left_agg_dd_rms vs slug



Right In: 30.827+/-0.014 χ^2/NDF : 1998.4/3

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

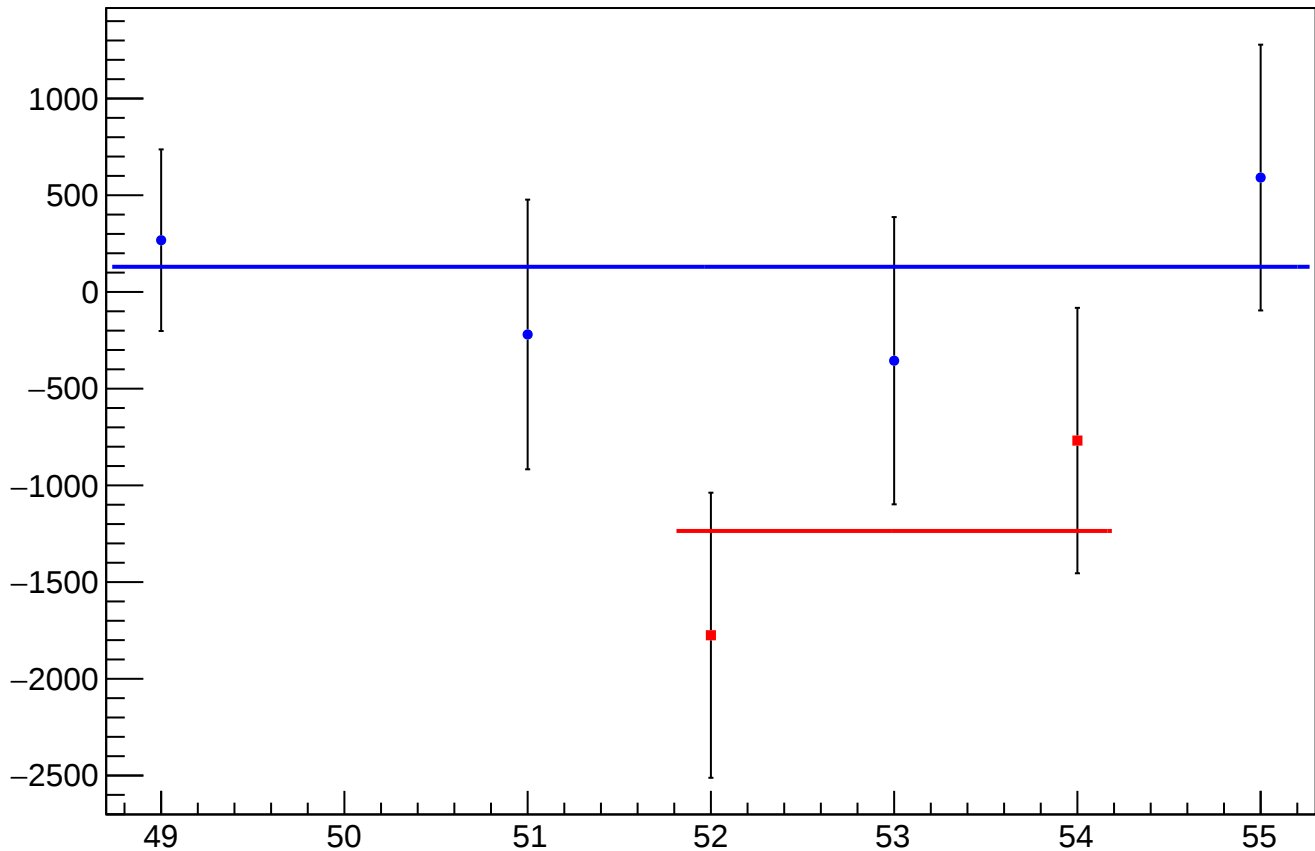
30.827+/-0.014 χ^2/NDF : 1998.4/3

Right Out: 32.210+/-0.022 χ^2/NDF : 93.0/1

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

32.210+/-0.022 χ^2/NDF : 93.0/1

asym_right_agg_avg_mean vs slug



Right In: 130.115 $\pm$ 308.211 χ^2/NDF : 1.2/3

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

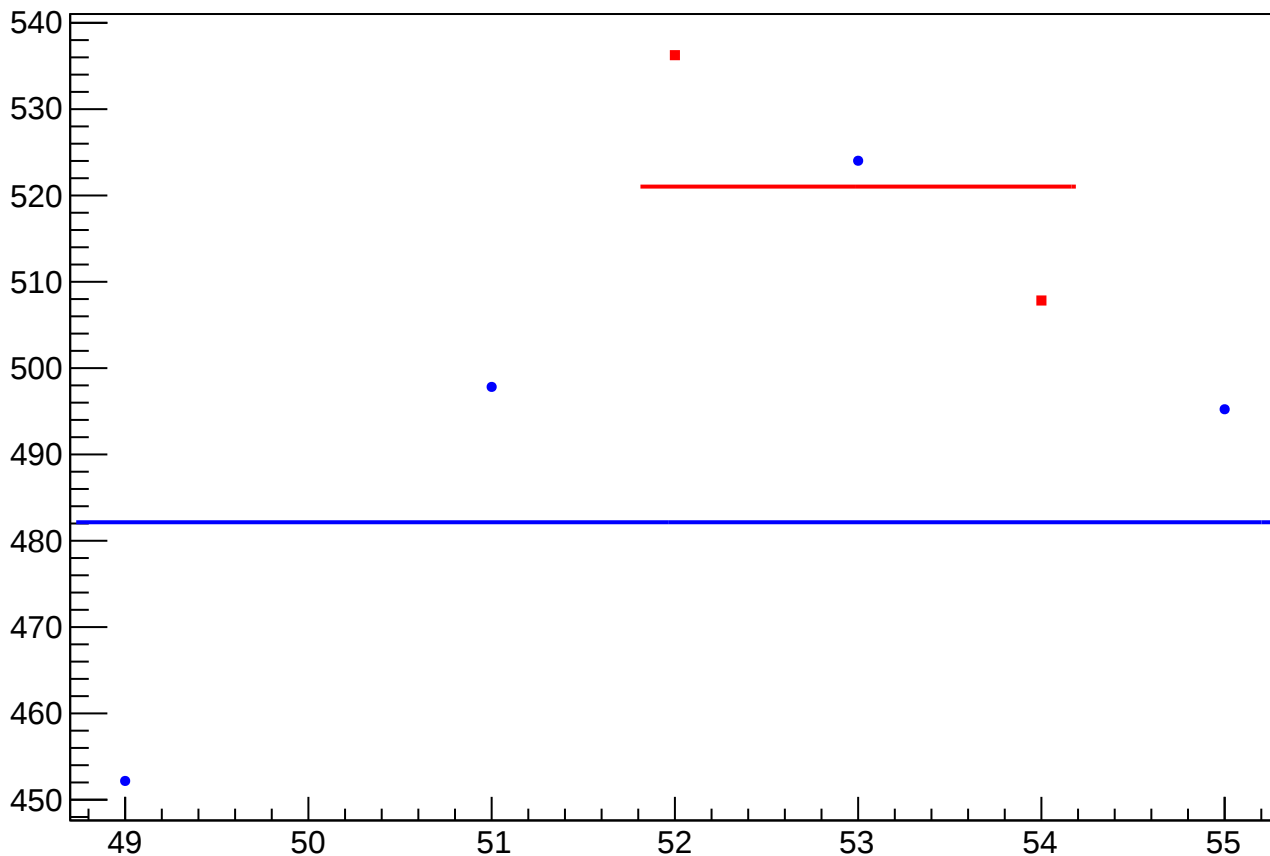
130.115 $\pm$ 308.211 χ^2/NDF : 1.2/3

Right Out: -1235.603 $\pm$ 502.172 χ^2/NDF : 1.0/1

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

-1235.603 $\pm$ 502.172 χ^2/NDF : 1.0/1

asym_right_agg_avg_rms vs slug



Right In: 482.145 ± 0.218 $\chi^2/\text{NDF}: 16248.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

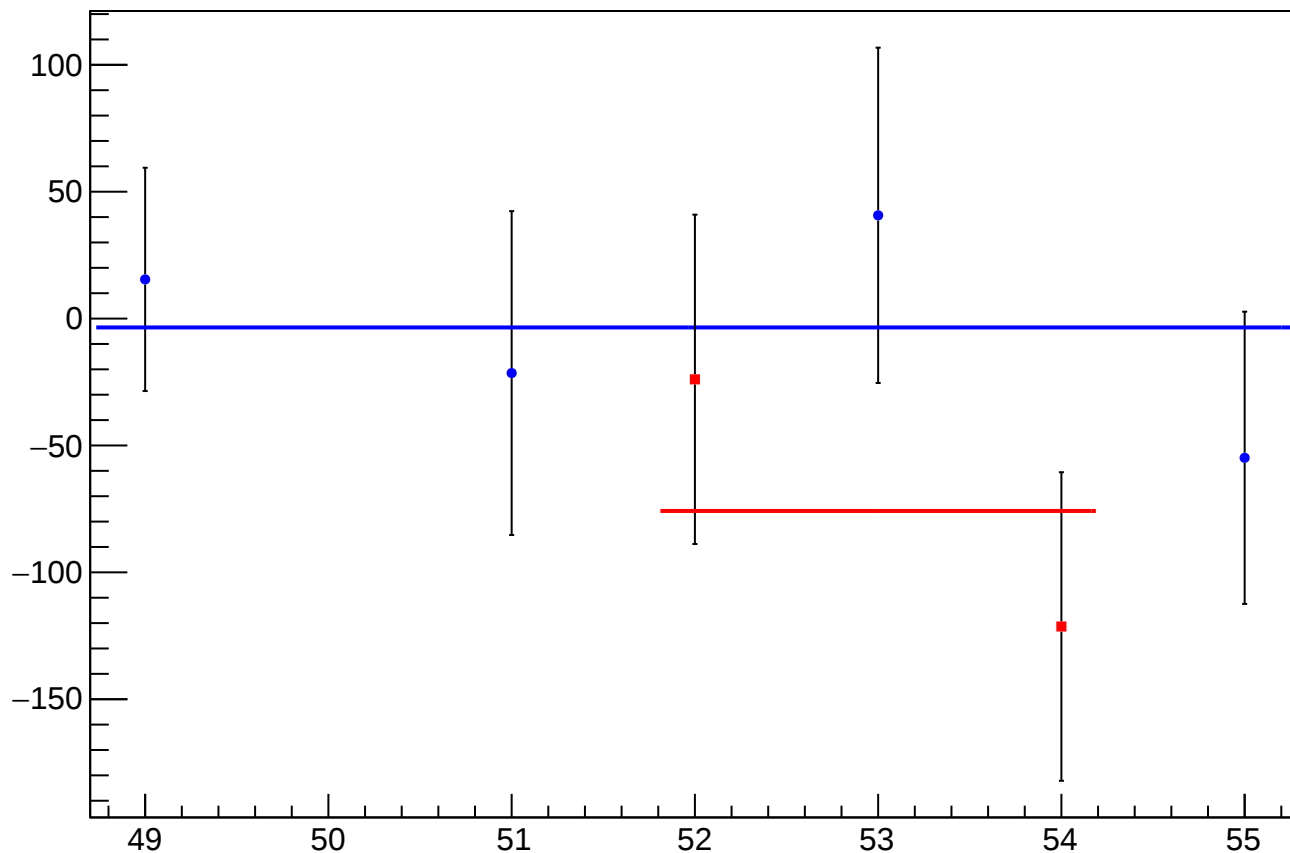
482.145 ± 0.218 $\chi^2/\text{NDF}: 16248.4/3$

Right Out: 521.029 ± 0.355 $\chi^2/\text{NDF}: 1593.3/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

521.029 ± 0.355 $\chi^2/\text{NDF}: 1593.3/1$

asym_right_agg_dd_mean vs slug



Right In: -3.491+/-27.811 χ^2/NDF : 1.5/3

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

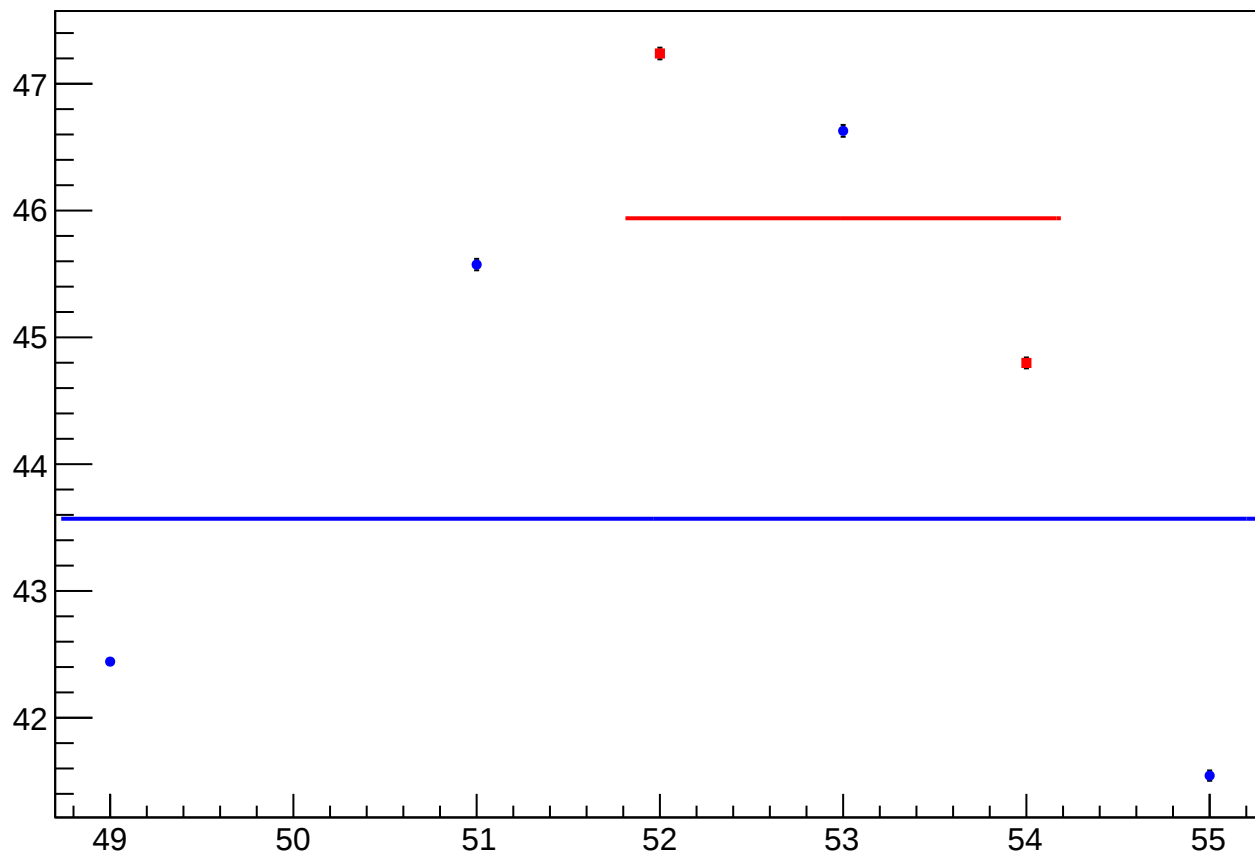
Right Out: -75.811+/-44.371 χ^2/NDF : 1.2/1

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

-3.491+/-27.811 χ^2/NDF : 1.5/3

-75.811+/-44.371 χ^2/NDF : 1.2/1

asym_right_agg_dd_rms vs slug



Right In: 43.570+/-0.020 χ^2/NDF : 10048.5/3

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

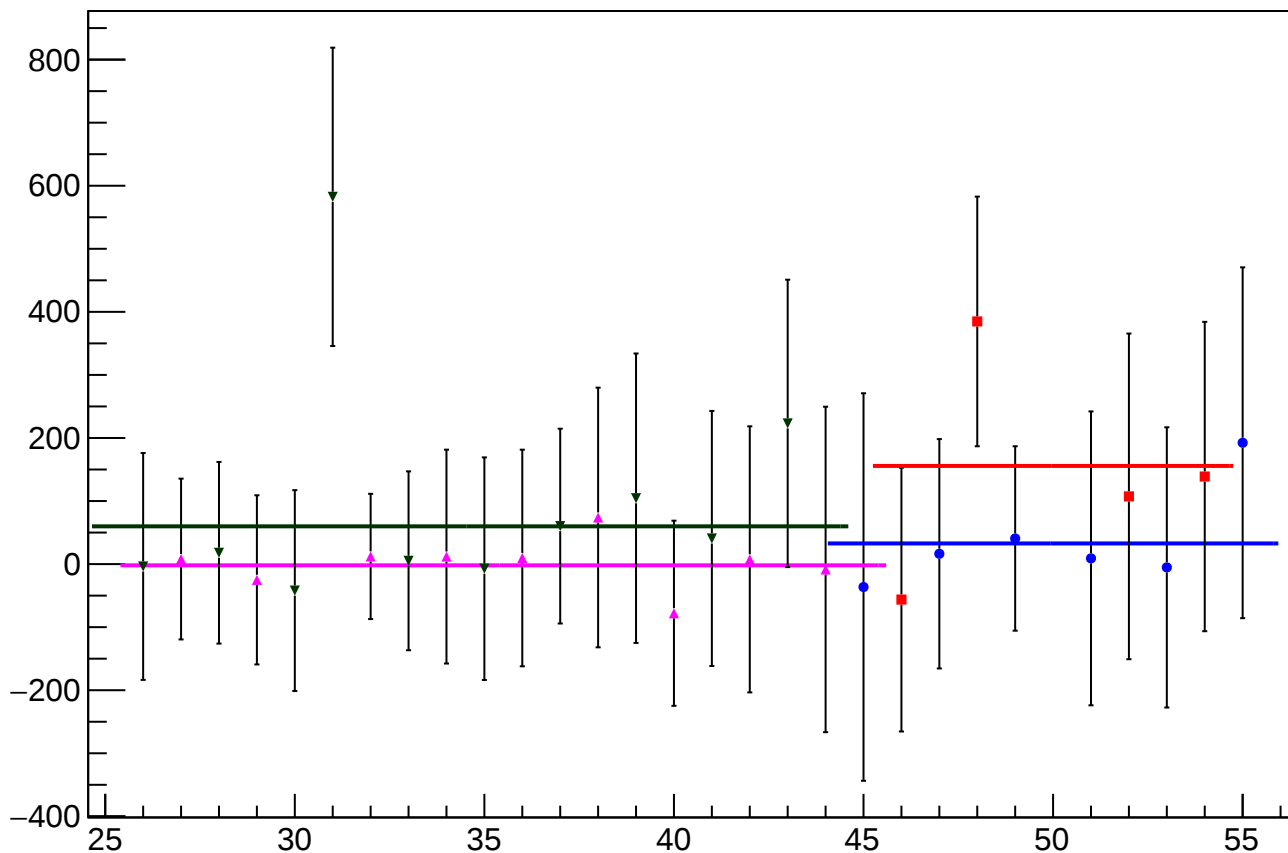
Right Out: 45.939+/-0.031 χ^2/NDF : 1505.9/1

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

43.570+/-0.020 χ^2/NDF : 10048.5/3

45.939+/-0.031 χ^2/NDF : 1505.9/1

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 32.751+/-84.765 χ^2/NDF : 0.4/5

Left Out: 59.870+/-55.655 χ^2/NDF : 6.4/9

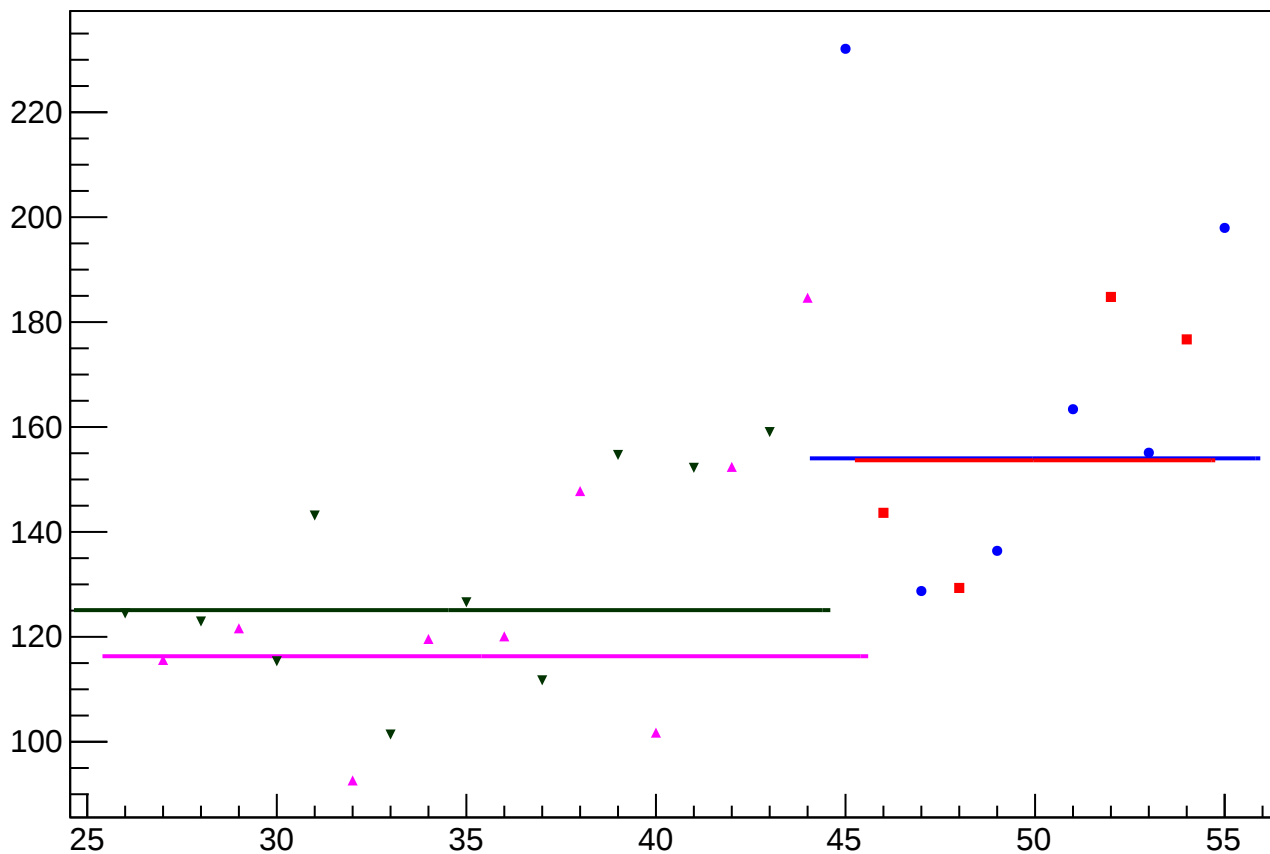
Right Out: 155.682+/-111.806 χ^2/NDF : 2.4/3

Left In: -1.923+/-50.339 χ^2/NDF : 0.5/8

51.701+/-46.523 χ^2/NDF : 6.9/15

24.640+/-45.901 χ^2/NDF : 4.5/12

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 154.026+/-0.060 χ^2/NDF : 250000.6/5

Left Out: 125.094+/-0.039 χ^2/NDF : 204235.7/9

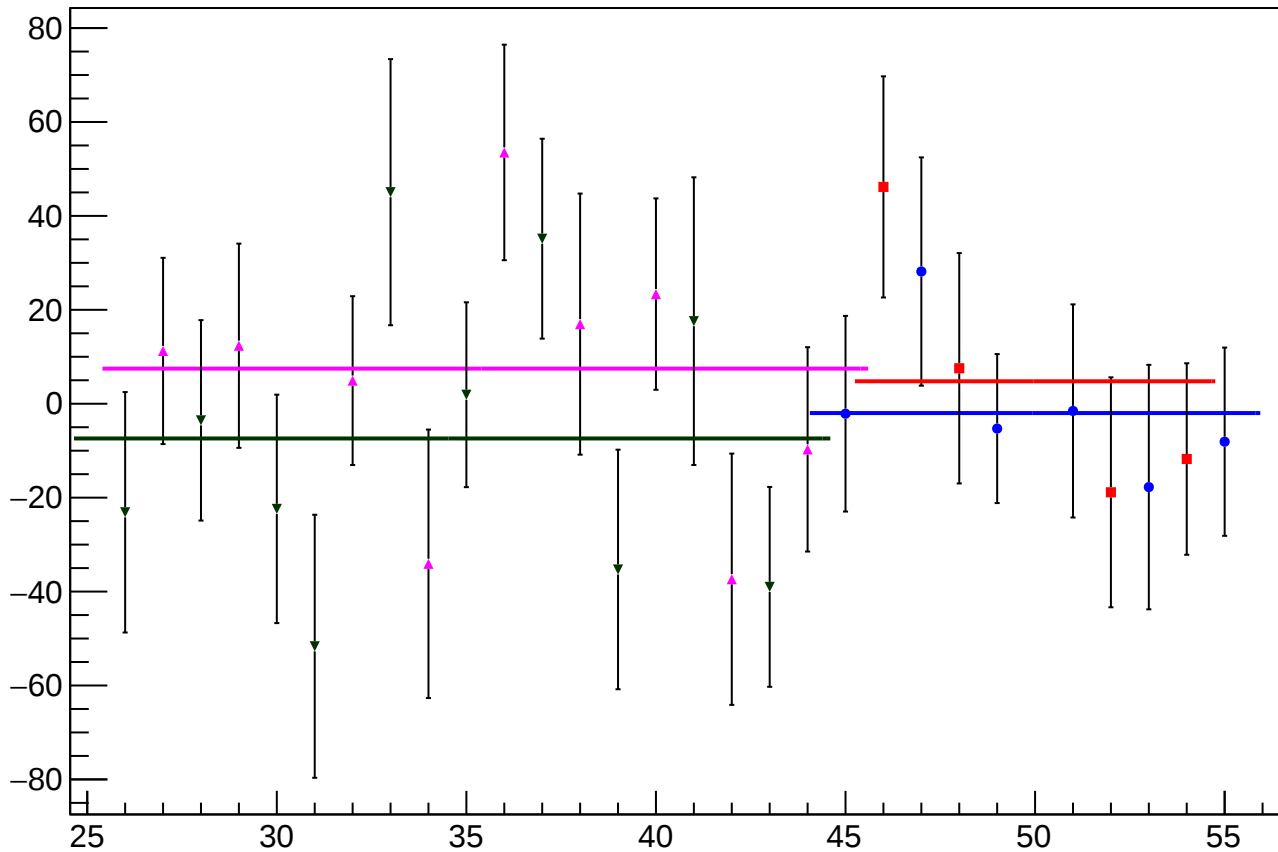
Right Out: 153.658+/-0.079 χ^2/NDF : 81552.6/3

Left In: 116.306+/-0.036 χ^2/NDF : 383847.2/8

133.810+/-0.033 χ^2/NDF : 617048.2/15

122.602+/-0.032 χ^2/NDF : 650987.5/12

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -1.985+/-8.489 χ^2/NDF : 2.0/5

Left Out: -7.396+/-7.553 χ^2/NDF : 15.0/9

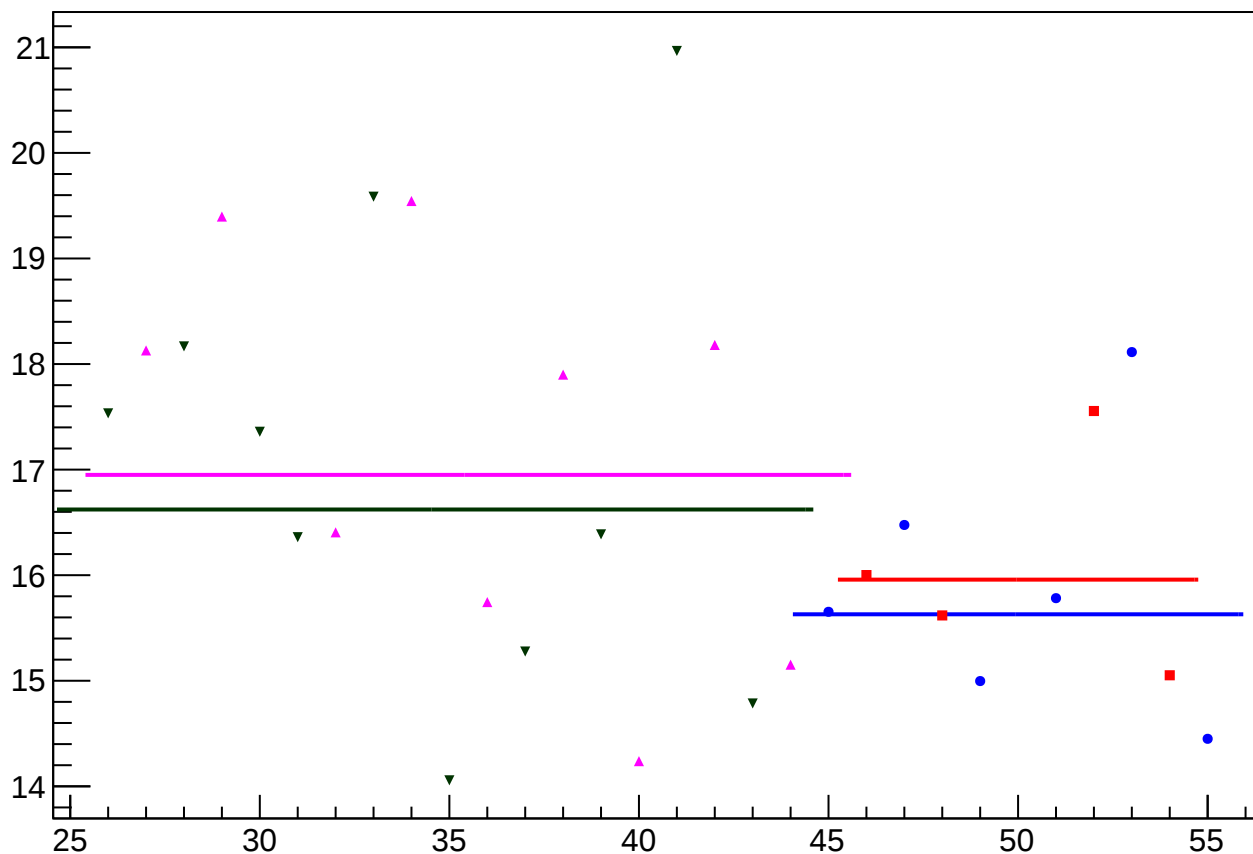
Right Out: 4.782+/-11.518 χ^2/NDF : 4.7/3

Left In: 7.478+/-7.436 χ^2/NDF : 10.4/8

-5.006+/-5.643 χ^2/NDF : 17.3/15

6.684+/-6.247 χ^2/NDF : 15.1/12

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.630+/-0.006 χ^2/NDF : 30830.2/5

Left Out: 16.622+/-0.005 χ^2/NDF :134157.6/9

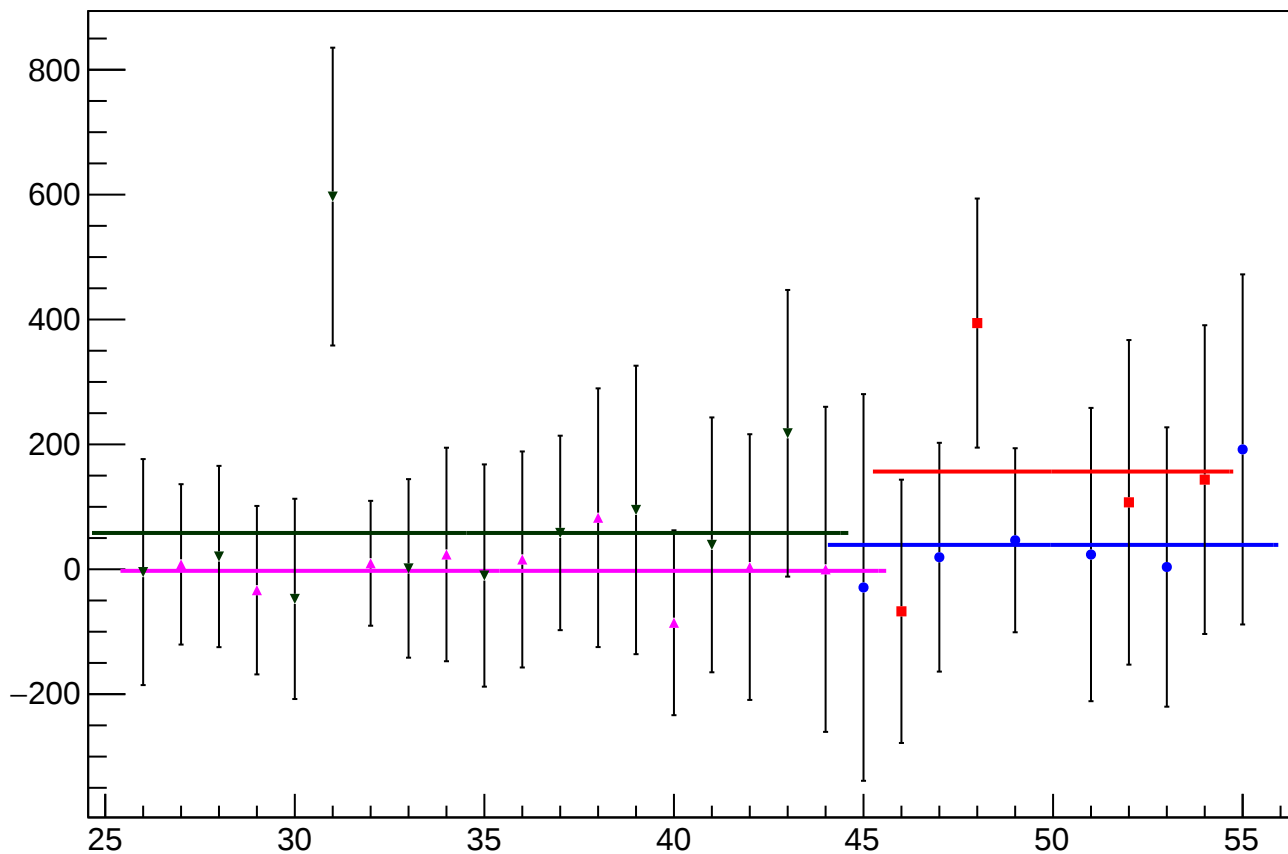
Right Out: 15.958+/-0.008 χ^2/NDF : 12848.4/3

Left In: 16.950+/-0.005 χ^2/NDF :111827.8/8

16.184+/-0.004 χ^2/NDF : 180252.3/15

16.658+/-0.004 χ^2/NDF : 135151.0/12

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 39.056+/-85.407 χ^2/NDF : 0.4/5

Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

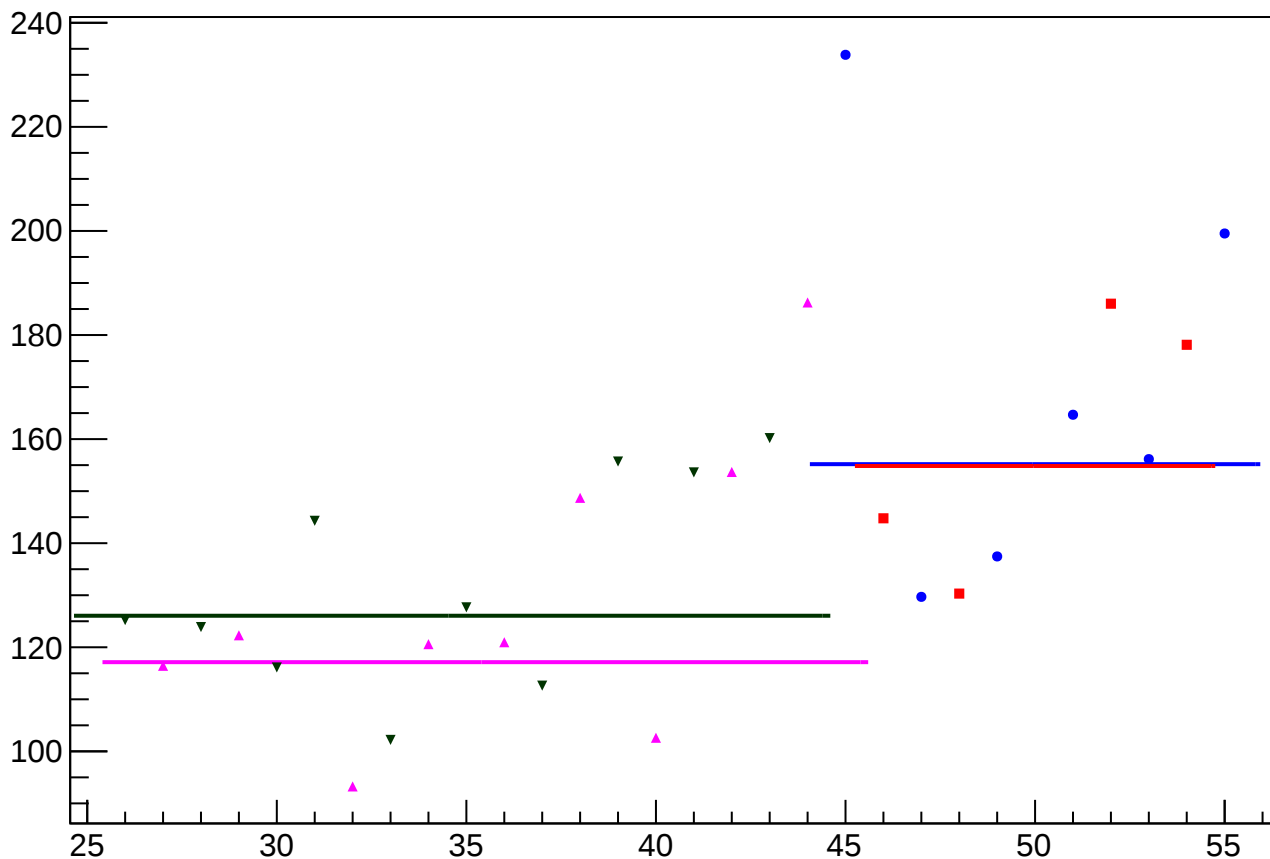
52.401+/-46.881 χ^2/NDF : 7.0/15

Right Out: 156.500+/-112.658 χ^2/NDF : 2.6/3

24.270+/-46.236 χ^2/NDF : 4.8/12

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: 155.186+/-0.060 χ^2/NDF : 250072.0/5

Left Out: 126.059+/-0.040 χ^2/NDF : 204192.9/9

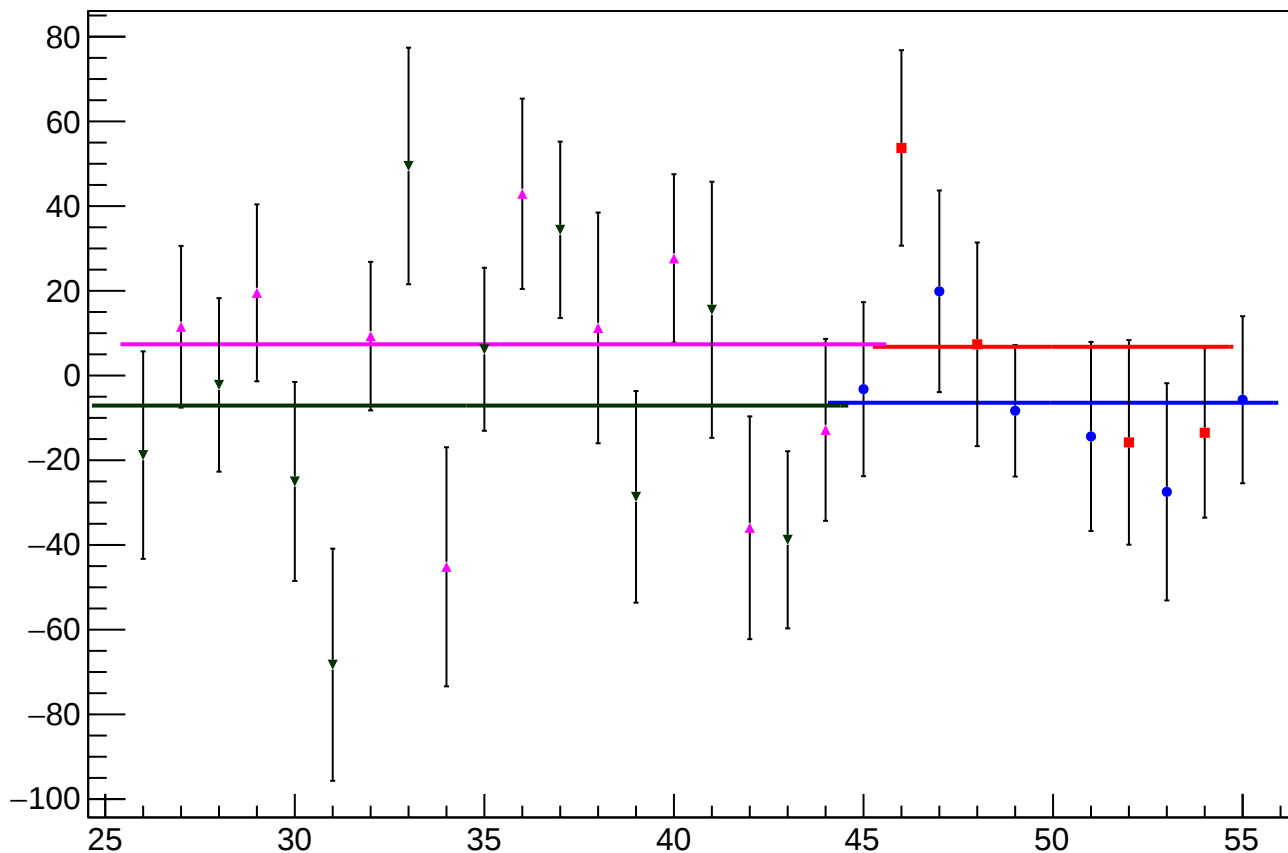
Right Out: 154.836+/-0.080 χ^2/NDF : 81309.6/3

Left In: 117.138+/-0.036 χ^2/NDF : 384599.1/8

134.835+/-0.033 χ^2/NDF : 616797.3/15

123.487+/-0.033 χ^2/NDF : 652136.1/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -6.422 ± 8.340 $\chi^2/\text{NDF}: 2.1/5$

Left Out: -7.091 ± 7.359 $\chi^2/\text{NDF}: 18.0/9$

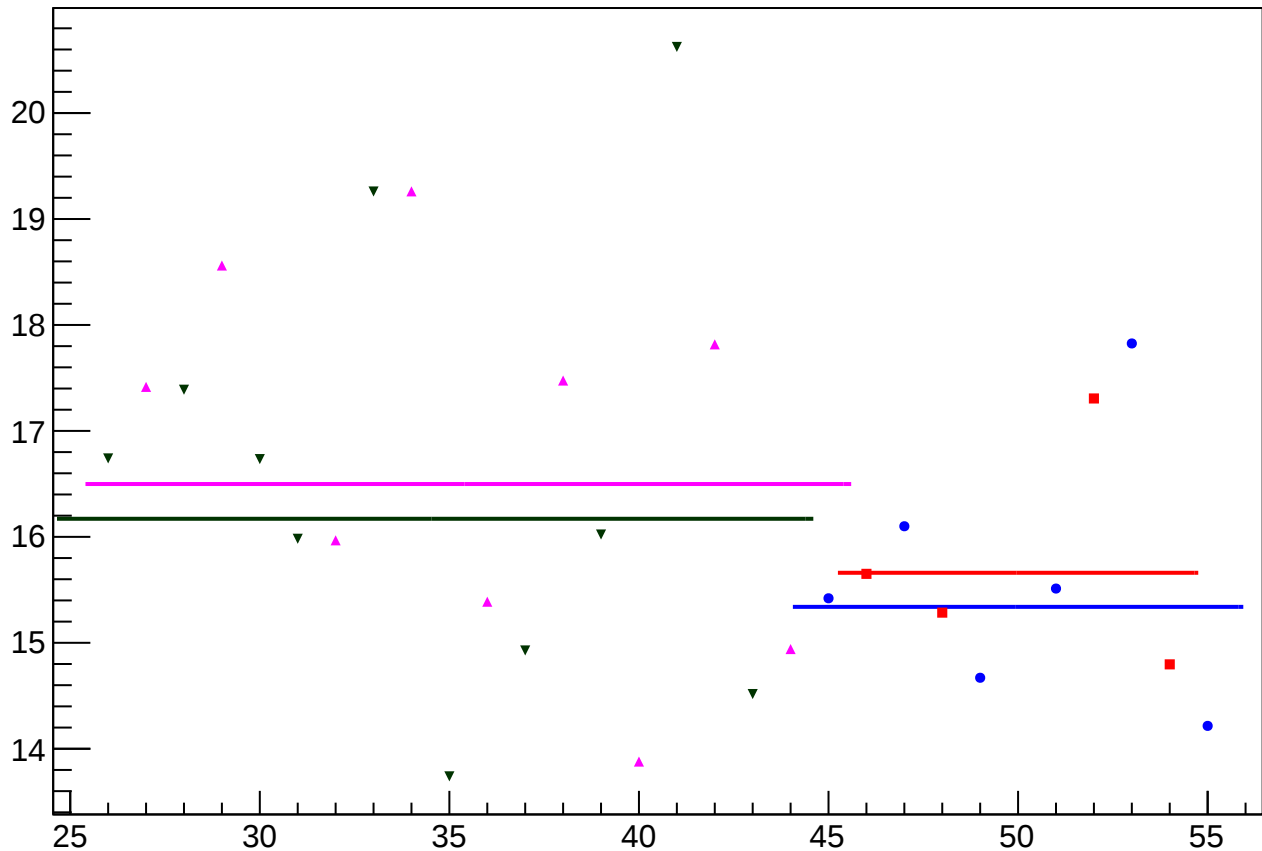
Right Out: 6.790 ± 11.317 $\chi^2/\text{NDF}: 6.0/3$

Left In: 7.378 ± 7.251 $\chi^2/\text{NDF}: 11.0/8$

-6.798 ± 5.518 $\chi^2/\text{NDF}: 20.1/15$

7.207 ± 6.105 $\chi^2/\text{NDF}: 17.1/12$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.339+/-0.006 χ^2/NDF : 31197.7/5

Left Out: 16.171+/-0.005 χ^2/NDF :128877.5/9

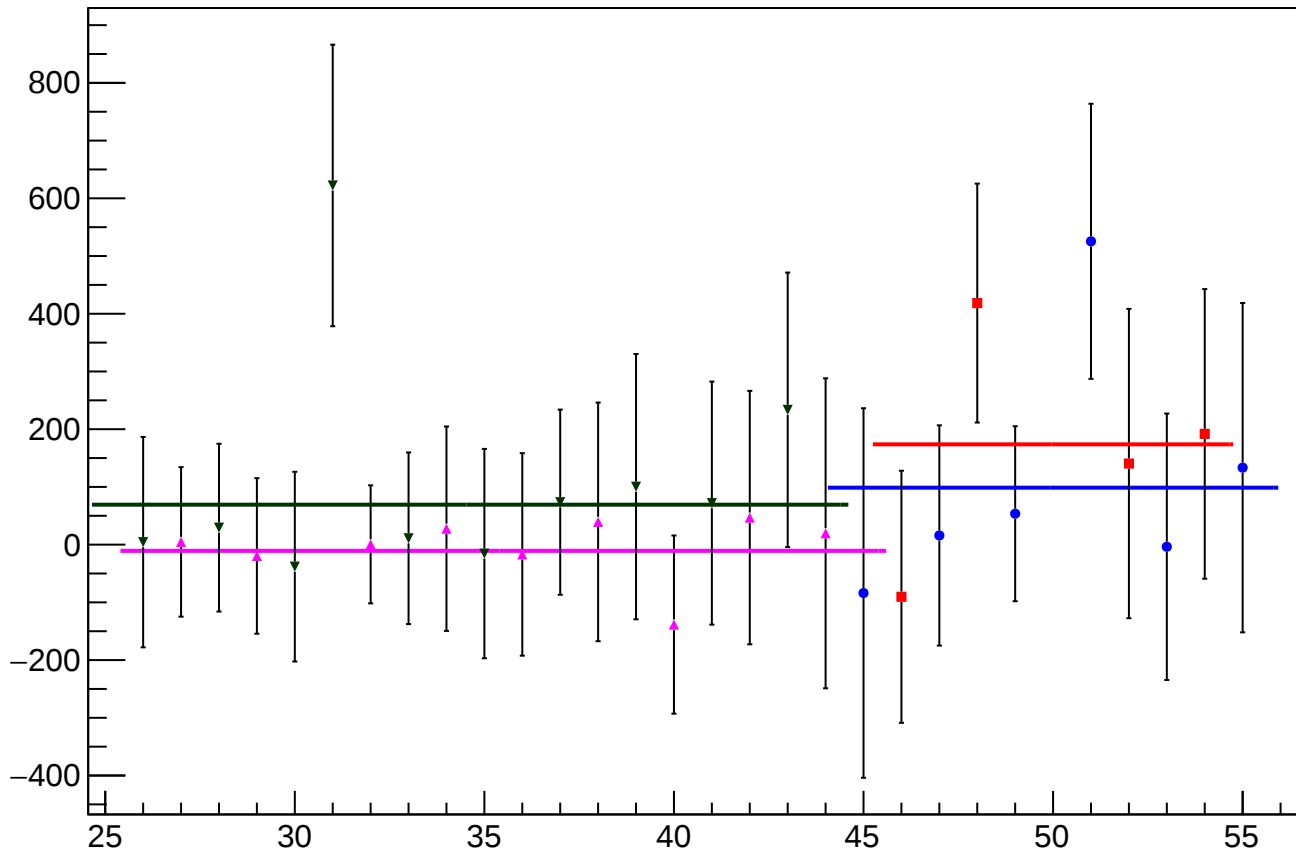
Right Out: 15.661+/-0.008 χ^2/NDF : 13482.2/3

Left In: 16.499+/-0.005 χ^2/NDF :102844.5/8

15.807+/-0.004 χ^2/NDF : 171248.4/15

16.255+/-0.004 χ^2/NDF : 124096.2/12

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 98.693+/-87.910 χ^2/NDF : 4.0/5

Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

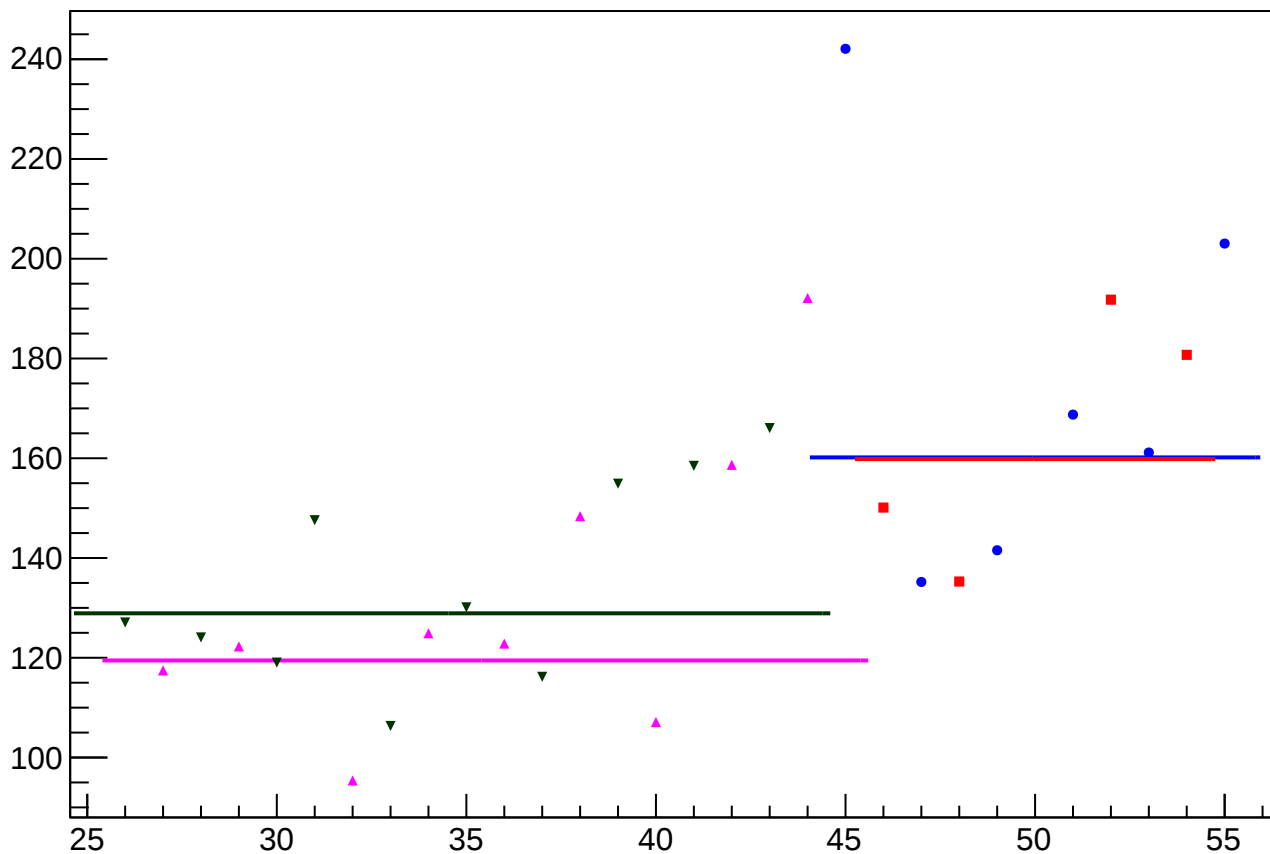
Right Out: 173.765+/-116.137 χ^2/NDF : 2.9/3

Left In: -10.837+/-51.660 χ^2/NDF : 0.9/8

78.005+/-47.982 χ^2/NDF : 10.7/15

19.656+/-47.201 χ^2/NDF : 5.9/12

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 160.170+/-0.062 χ^2/NDF : 243157.0/5

Left Out: 128.912+/-0.040 χ^2/NDF :193953.6/9

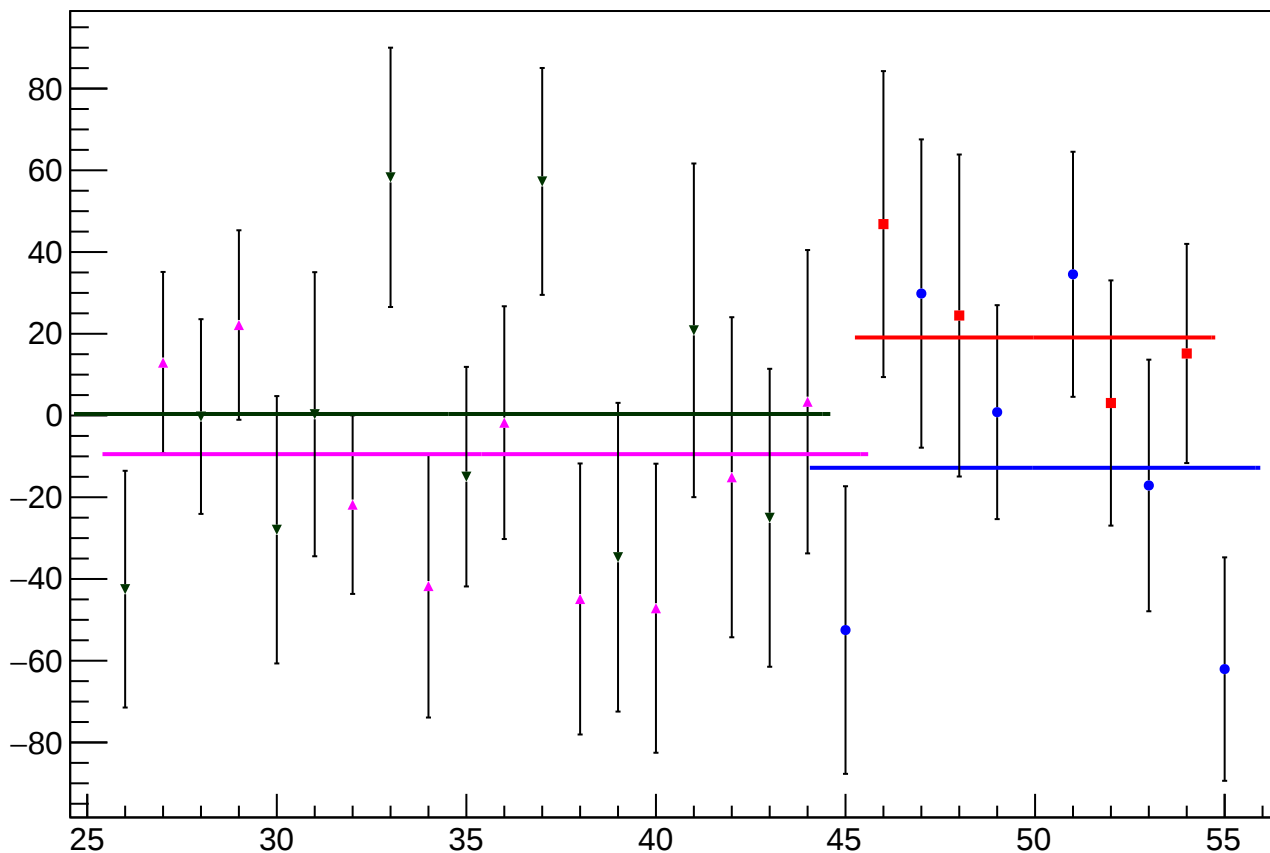
Right Out: 159.836+/-0.082 χ^2/NDF : 74439.3/3

Left In: 119.459+/-0.037 χ^2/NDF :376971.9/8

138.224+/-0.034 χ^2/NDF : 614646.2/15

126.128+/-0.033 χ^2/NDF : 653231.0/12

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -12.795 ± 12.427 $\chi^2/\text{NDF}: 8.6/5$

Left Out: 0.371 ± 9.784 $\chi^2/\text{NDF}: 12.4/9$

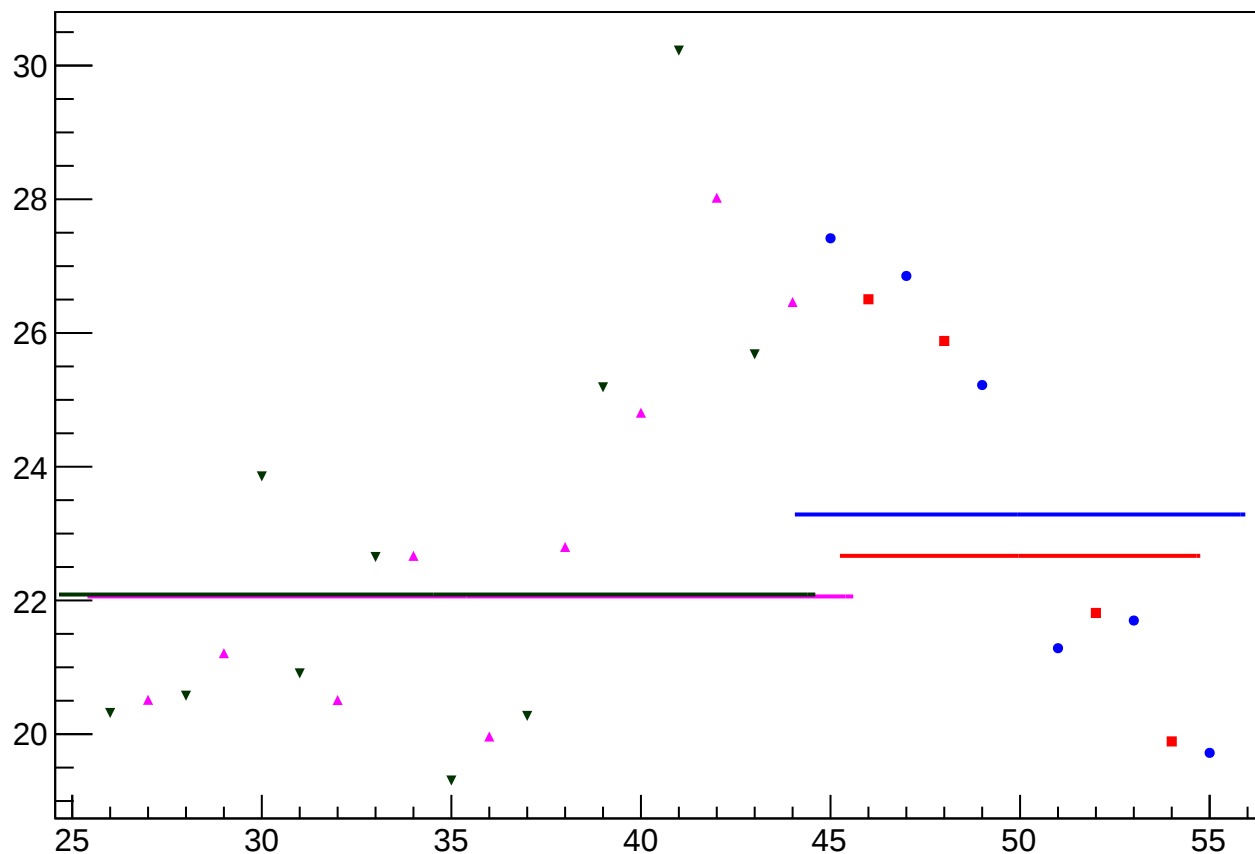
Right Out: 19.093 ± 16.096 $\chi^2/\text{NDF}: 0.9/3$

Left In: -9.455 ± 9.419 $\chi^2/\text{NDF}: 6.7/8$

-4.667 ± 7.687 $\chi^2/\text{NDF}: 21.7/15$

-2.174 ± 8.129 $\chi^2/\text{NDF}: 9.9/12$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.286 $\pm$ 0.009 χ^2 /NDF: 104615.4/5

Left Out: 22.089 $\pm$ 0.007 χ^2 /NDF:166634.7/9

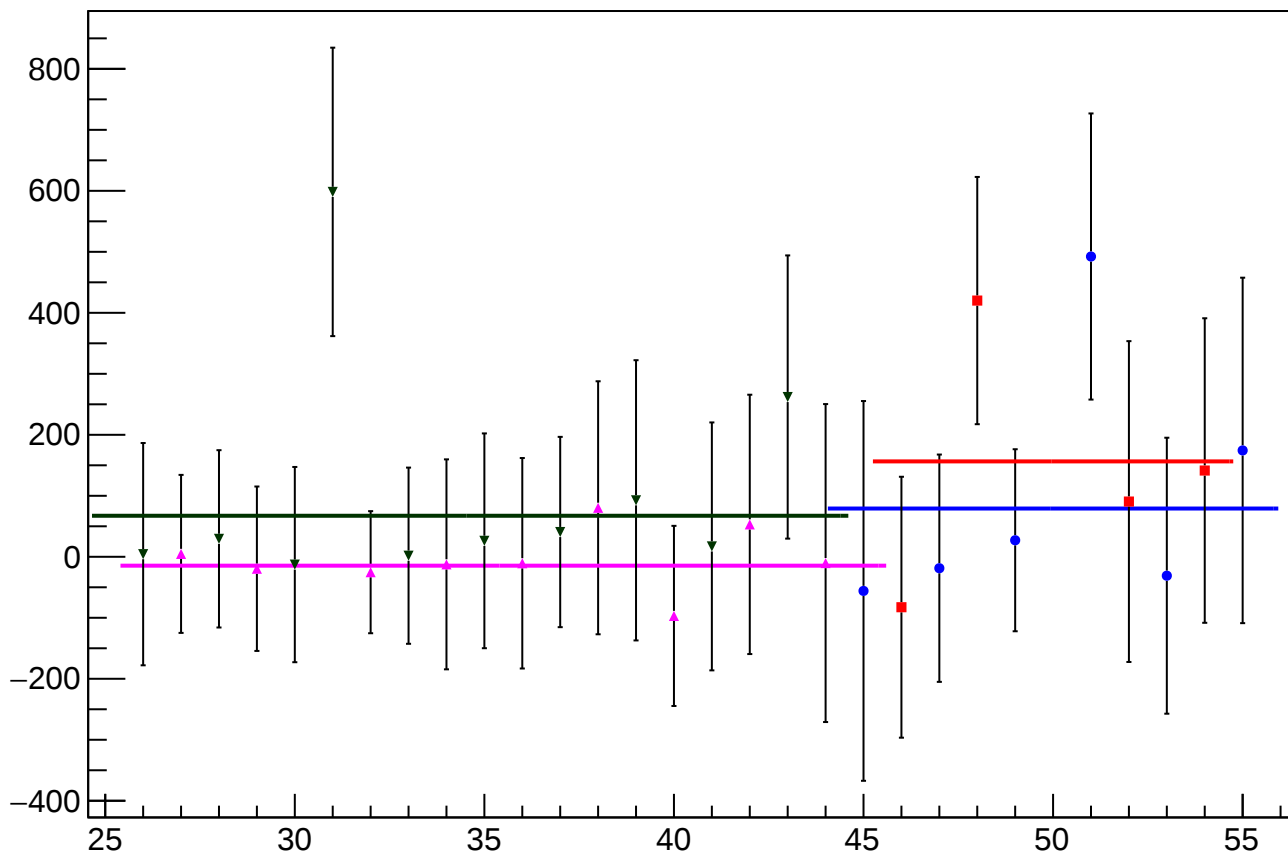
Right Out: 22.667 $\pm$ 0.011 χ^2 /NDF: 57379.4/3

Left In: 22.060 $\pm$ 0.007 χ^2 /NDF:121596.3/8

22.547 $\pm$ 0.005 χ^2 /NDF: 282710.3/15

22.215 $\pm$ 0.006 χ^2 /NDF: 181097.3/12

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 79.121 $\pm$ 86.321 χ^2 /NDF: 4.0/5

Left Out: 67.277 $\pm$ 56.136 χ^2 /NDF:6.5/9

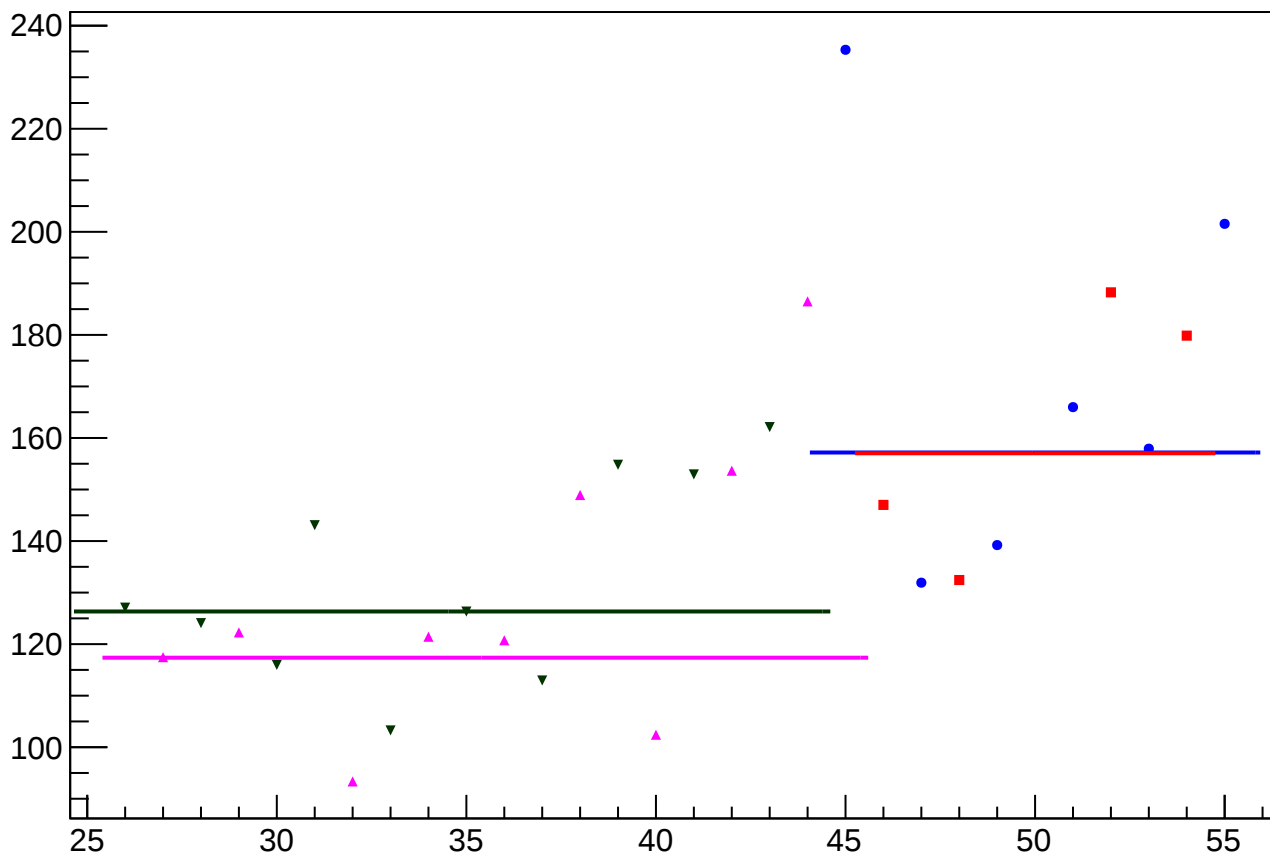
Right Out: 156.403 $\pm$ 114.186 χ^2 /NDF: 3.0/3

Left In: -14.555 $\pm$ 50.783 χ^2 /NDF:0.7/8

70.797 $\pm$ 47.060 χ^2 /NDF: 10.6/15

13.675 $\pm$ 46.401 χ^2 /NDF: 5.5/12

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 157.182 $\pm$ 0.061 χ^2 /NDF: 243651.8/5

Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

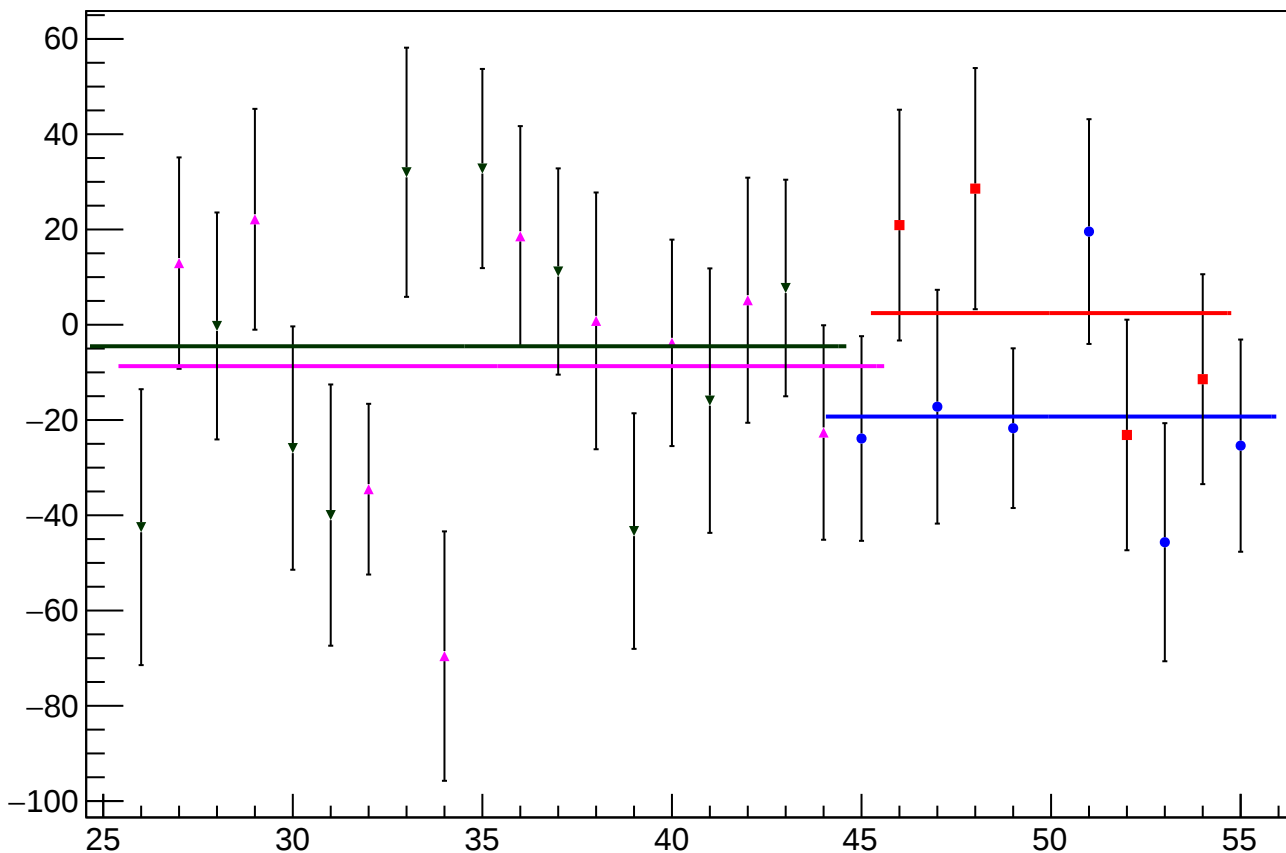
Right Out: 157.033 $\pm$ 0.081 χ^2 /NDF: 78739.0/3

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

135.504 $\pm$ 0.033 χ^2 /NDF: 620313.3/15

123.916 $\pm$ 0.033 χ^2 /NDF: 665671.2/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -19.275+/-8.840 χ^2/NDF : 4.0/5

Left Out: -4.516+/-7.770 χ^2/NDF : 12.7/9

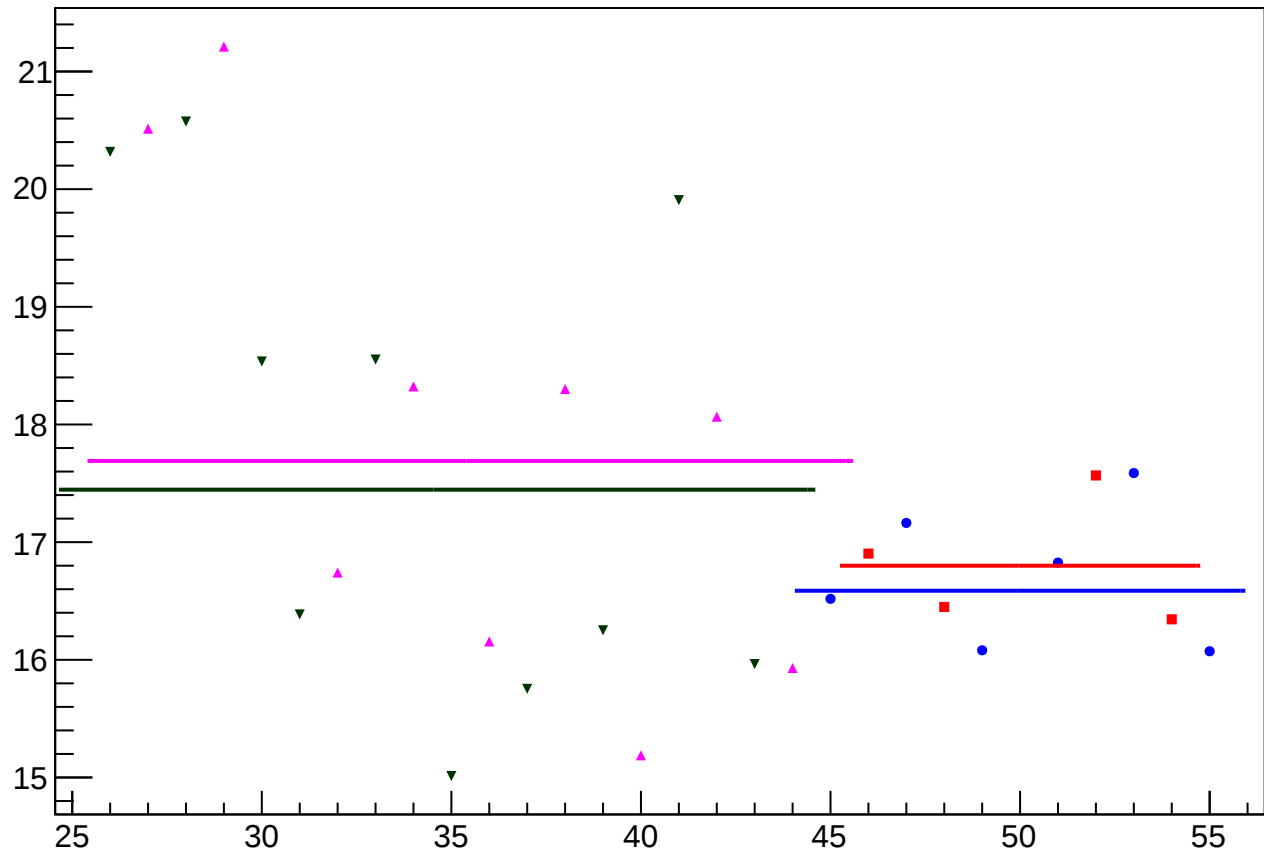
Right Out: 2.446+/-11.926 χ^2/NDF : 3.2/3

Left In: -8.691+/-7.598 χ^2/NDF : 12.4/8

-10.948+/-5.836 χ^2/NDF : 18.2/15

-5.476+/-6.408 χ^2/NDF : 16.2/12

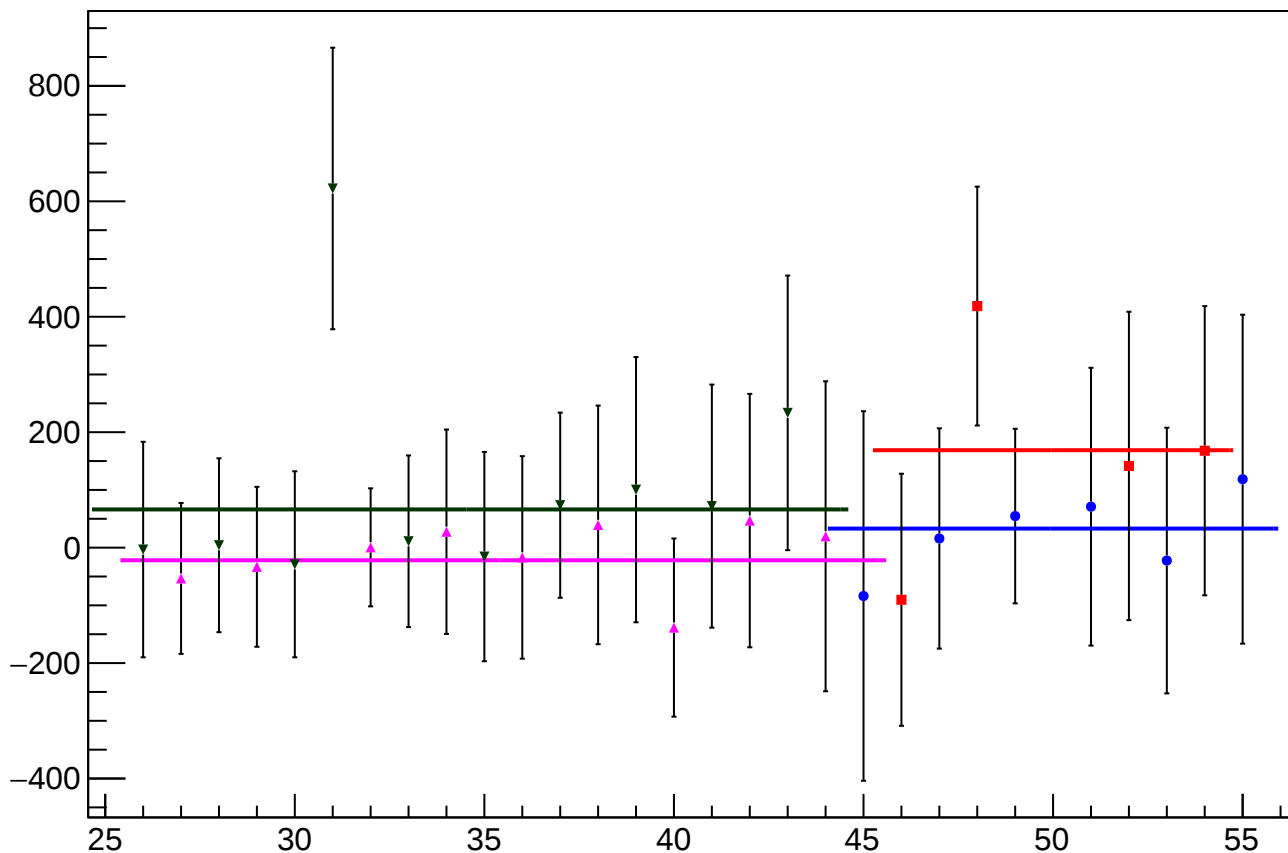
asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.587 $\pm$ 0.006 χ^2/NDF : 7419.9/5
 Left Out: 17.446 $\pm$ 0.005 χ^2/NDF :132564.7/9
 Right Out: 16.800 $\pm$ 0.008 χ^2/NDF : 3284.2/3
 Left In: 17.690 $\pm$ 0.005 χ^2/NDF :134443.4/8

17.072 $\pm$ 0.004 χ^2/NDF : 150638.5/15
 17.433 $\pm$ 0.005 χ^2/NDF : 145661.1/12

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 33.033 $\pm$ 87.901 χ^2/NDF : 0.3/5

Left Out: 66.207 $\pm$ 57.570 χ^2/NDF : 6.7/9

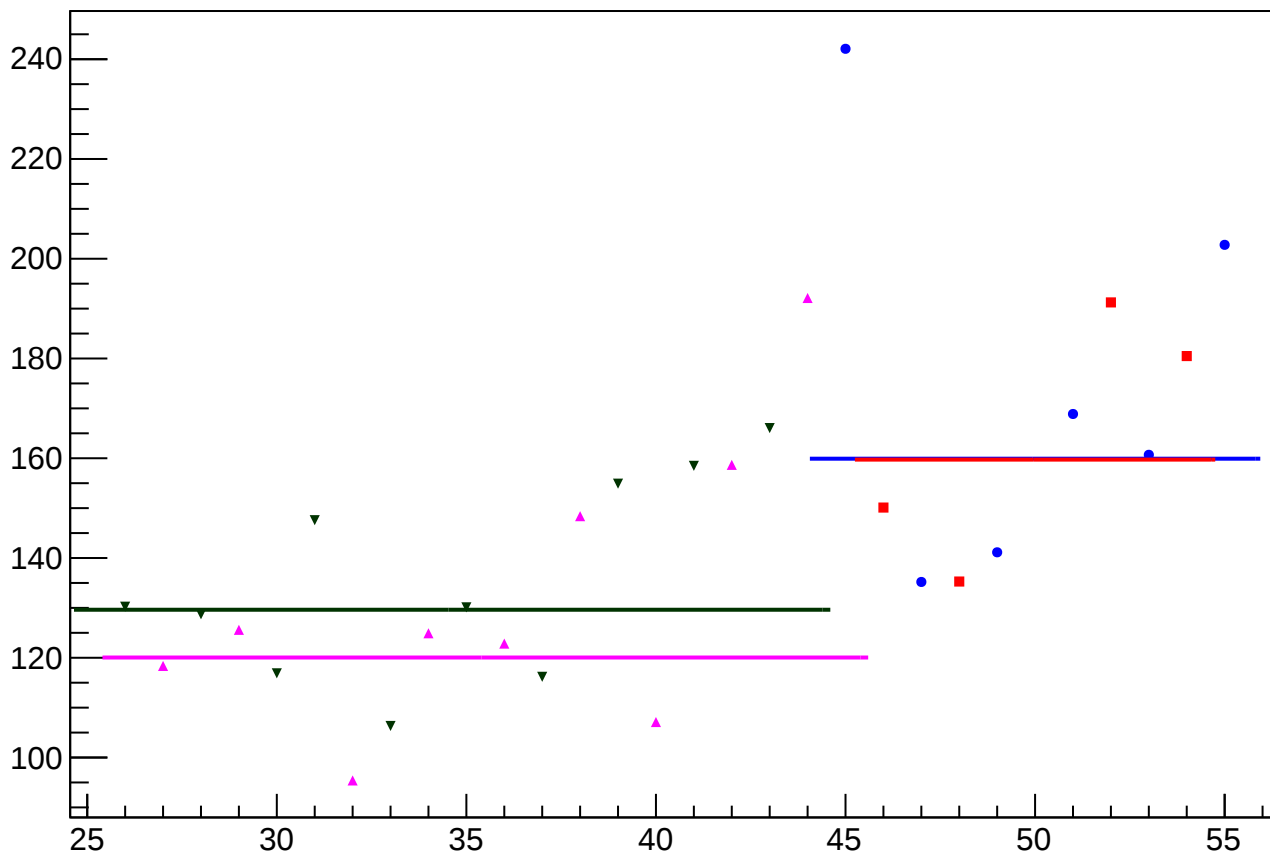
Right Out: 168.792 $\pm$ 116.040 χ^2/NDF : 2.9/3

Left In: -21.892 $\pm$ 51.940 χ^2/NDF : 1.0/8

56.249 $\pm$ 48.160 χ^2/NDF : 7.1/15

9.934 $\pm$ 47.407 χ^2/NDF : 6.1/12

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 159.911+/-0.062 χ^2/NDF : 244234.2/5

Left Out: 129.628+/-0.041 χ^2/NDF :195251.2/9

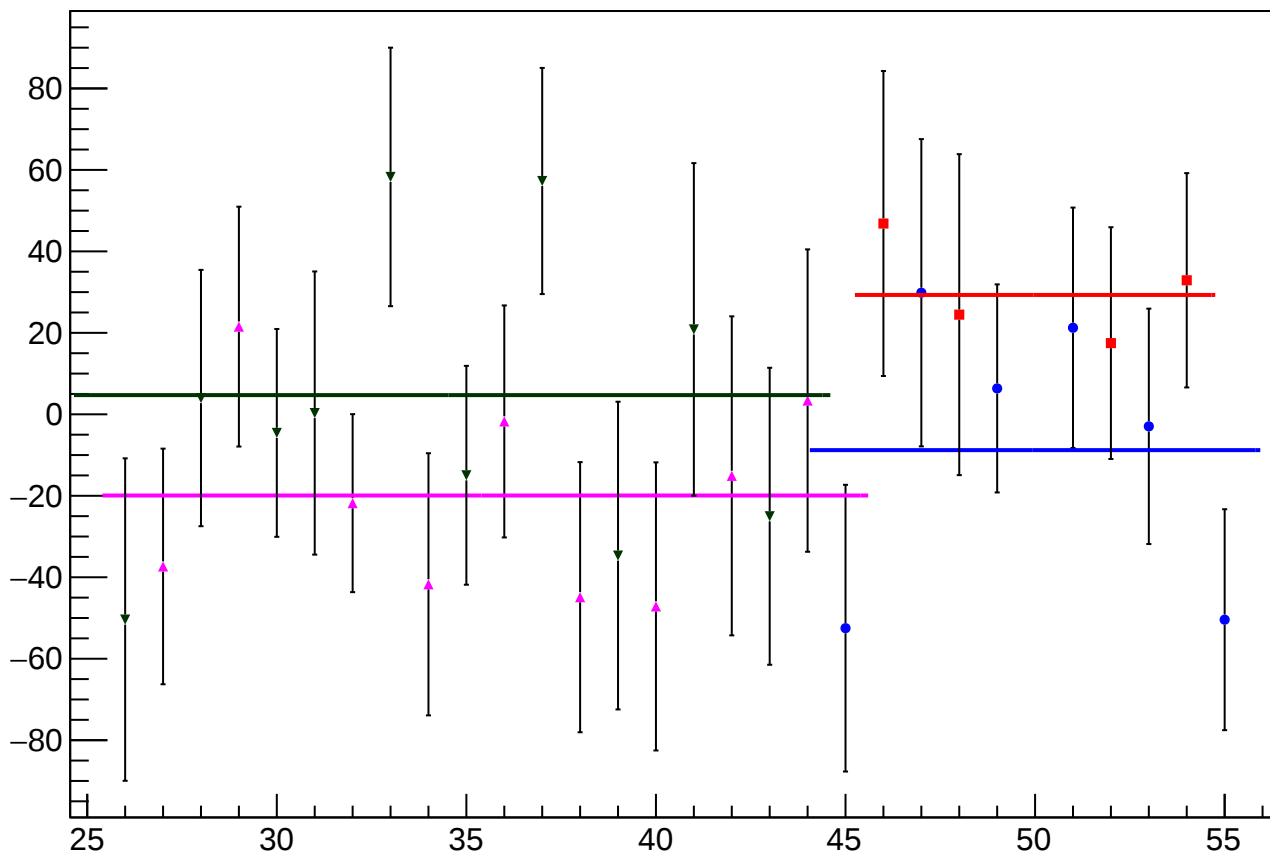
Right Out: 159.727+/-0.082 χ^2/NDF : 73342.4/3

Left In: 120.050+/-0.037 χ^2/NDF :379438.7/8

138.719+/-0.034 χ^2/NDF : 605604.4/15

126.673+/-0.034 χ^2/NDF : 647580.6/12

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -8.792 $\pm$ 12.172 χ^2 /NDF: 6.4/5

Left Out: 4.718 $\pm$ 10.131 χ^2 /NDF:11.0/9

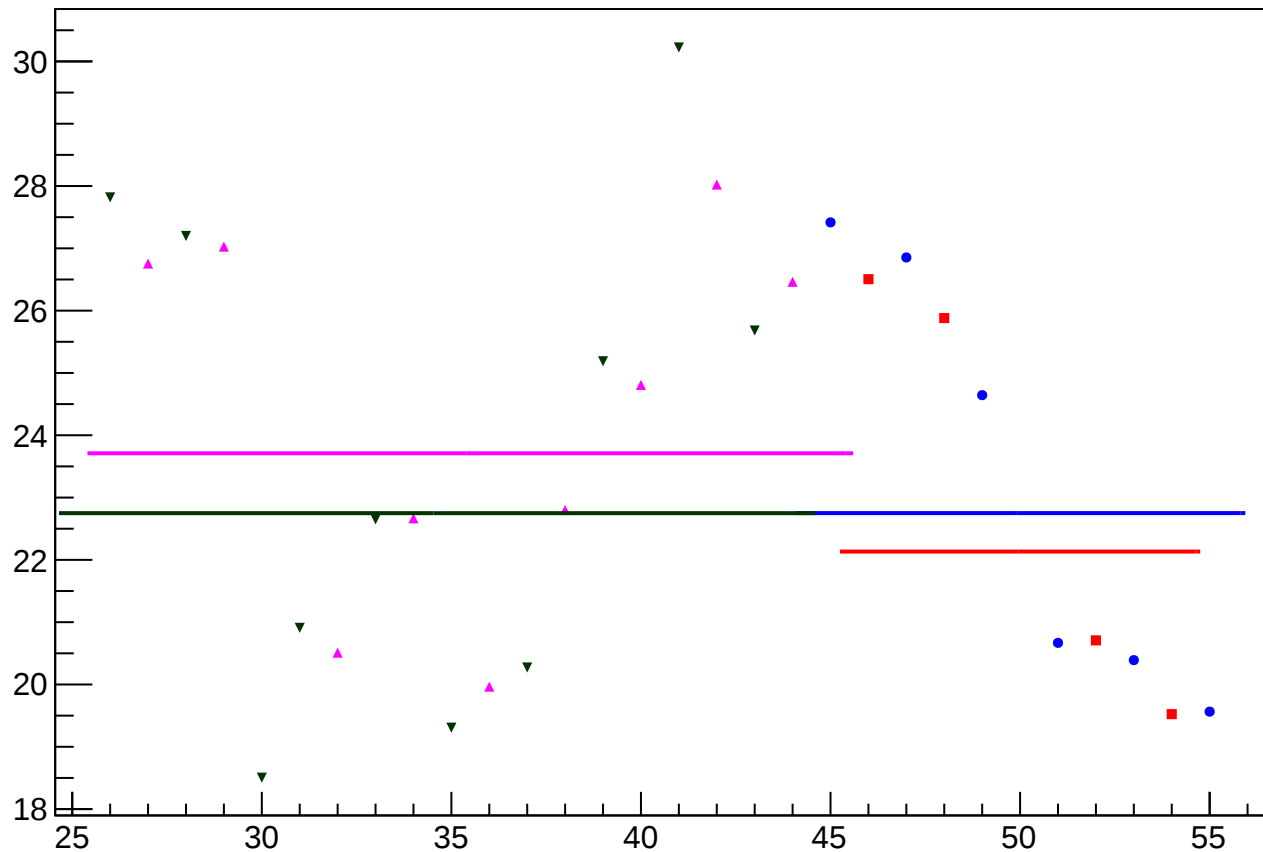
Right Out: 29.302 $\pm$ 15.735 χ^2 /NDF: 0.4/3

Left In: -19.927 $\pm$ 10.138 χ^2 /NDF:4.8/8

-0.811 $\pm$ 7.787 χ^2 /NDF: 18.1/15

-5.486 $\pm$ 8.522 χ^2 /NDF: 12.1/12

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 22.751+/-0.009 χ^2/NDF : 120726.5/5

Left Out: 22.750+/-0.007 χ^2/NDF : 270884.7/9

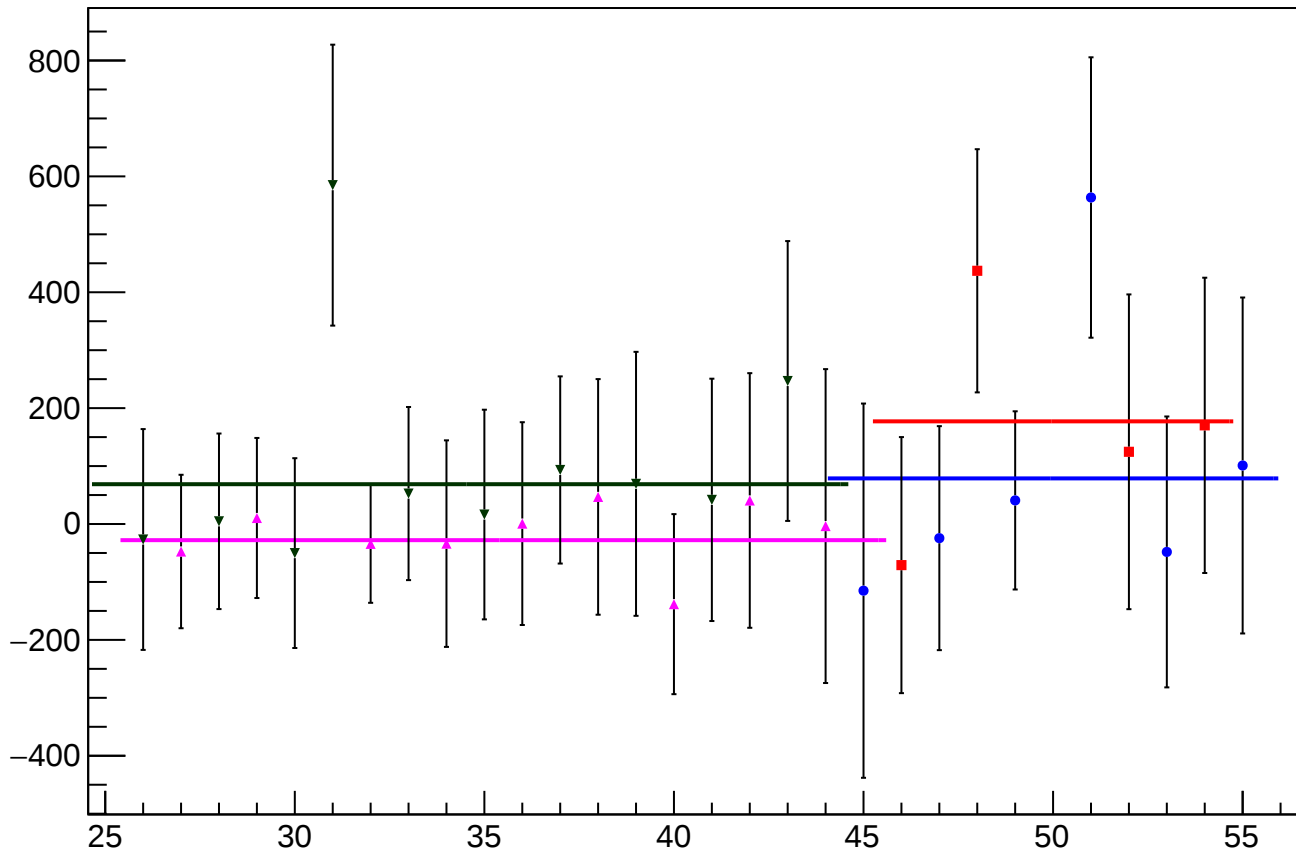
Right Out: 22.134+/-0.011 χ^2/NDF : 70076.6/3

Left In: 23.711+/-0.007 χ^2/NDF : 165862.4/8

22.750+/-0.006 χ^2/NDF : 391611.3/15

23.248+/-0.006 χ^2/NDF : 250133.2/12

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 78.725+/-89.121 χ^2/NDF : 5.0/5

Left Out: 68.706+/-57.895 χ^2/NDF : 6.2/9

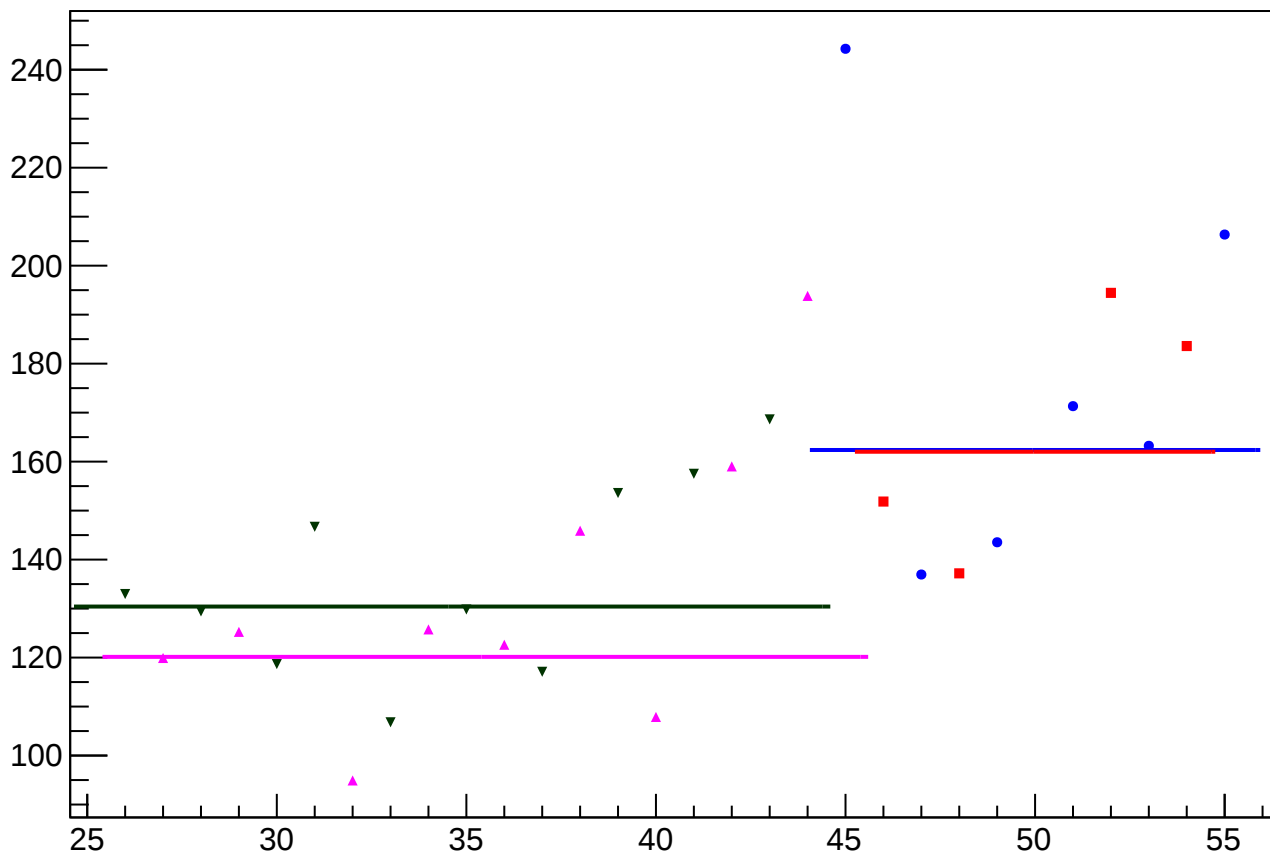
71.679+/-48.550 χ^2/NDF : 11.2/15

Right Out: 177.185+/-117.739 χ^2/NDF : 2.8/3

5.574+/-47.554 χ^2/NDF : 6.2/12

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: 162.374 $\pm$ 0.063 χ^2 /NDF: 241971.1/5

Left Out: 130.416 $\pm$ 0.041 χ^2 /NDF: 187736.2/9

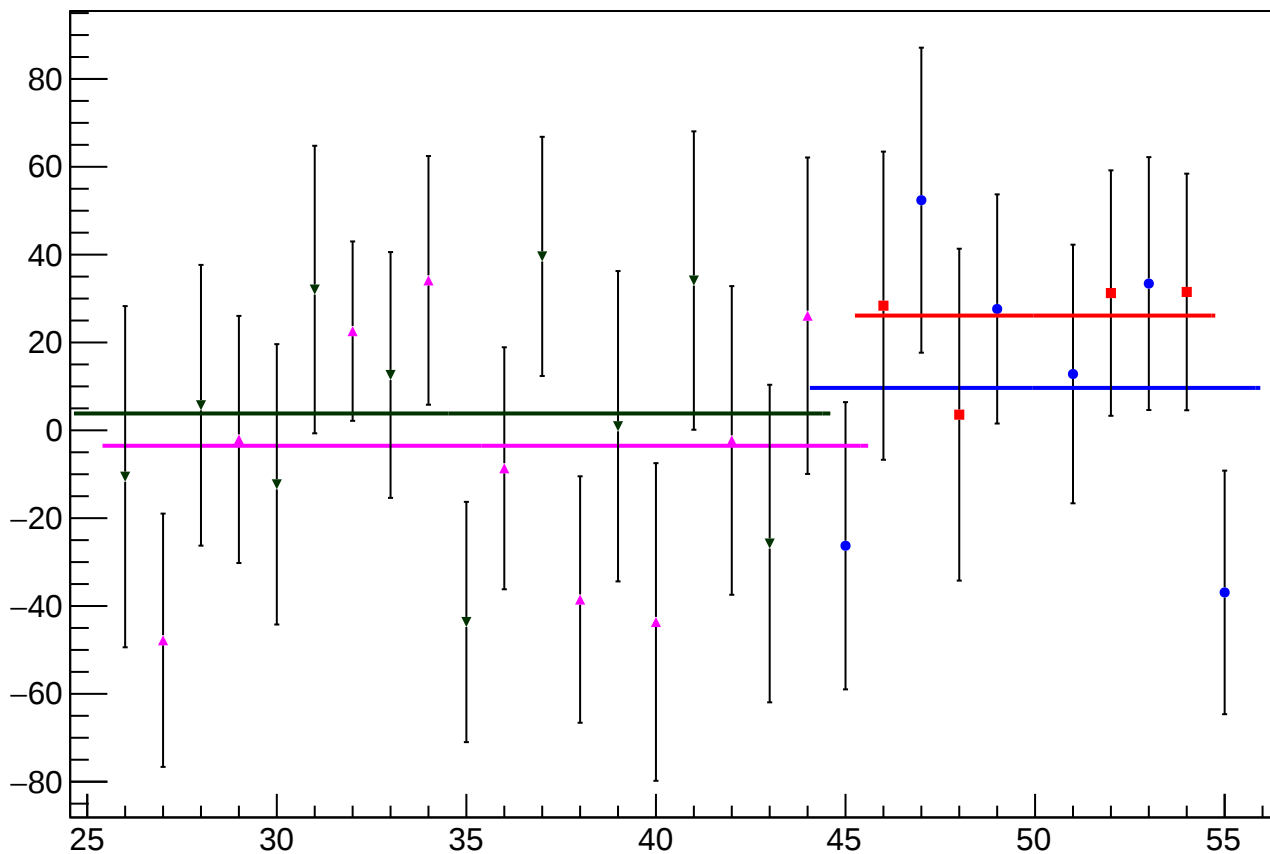
Right Out: 162.017 $\pm$ 0.083 χ^2 /NDF: 75066.7/3

Left In: 120.144 $\pm$ 0.037 χ^2 /NDF: 383139.4/8

139.900 $\pm$ 0.034 χ^2 /NDF: 610560.7/15

126.975 $\pm$ 0.034 χ^2 /NDF: 669903.2/12

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 9.659 $\pm$ 12.043 χ^2/NDF : 6.7/5

Left Out: 3.838 $\pm$ 10.024 χ^2/NDF : 7.4/9

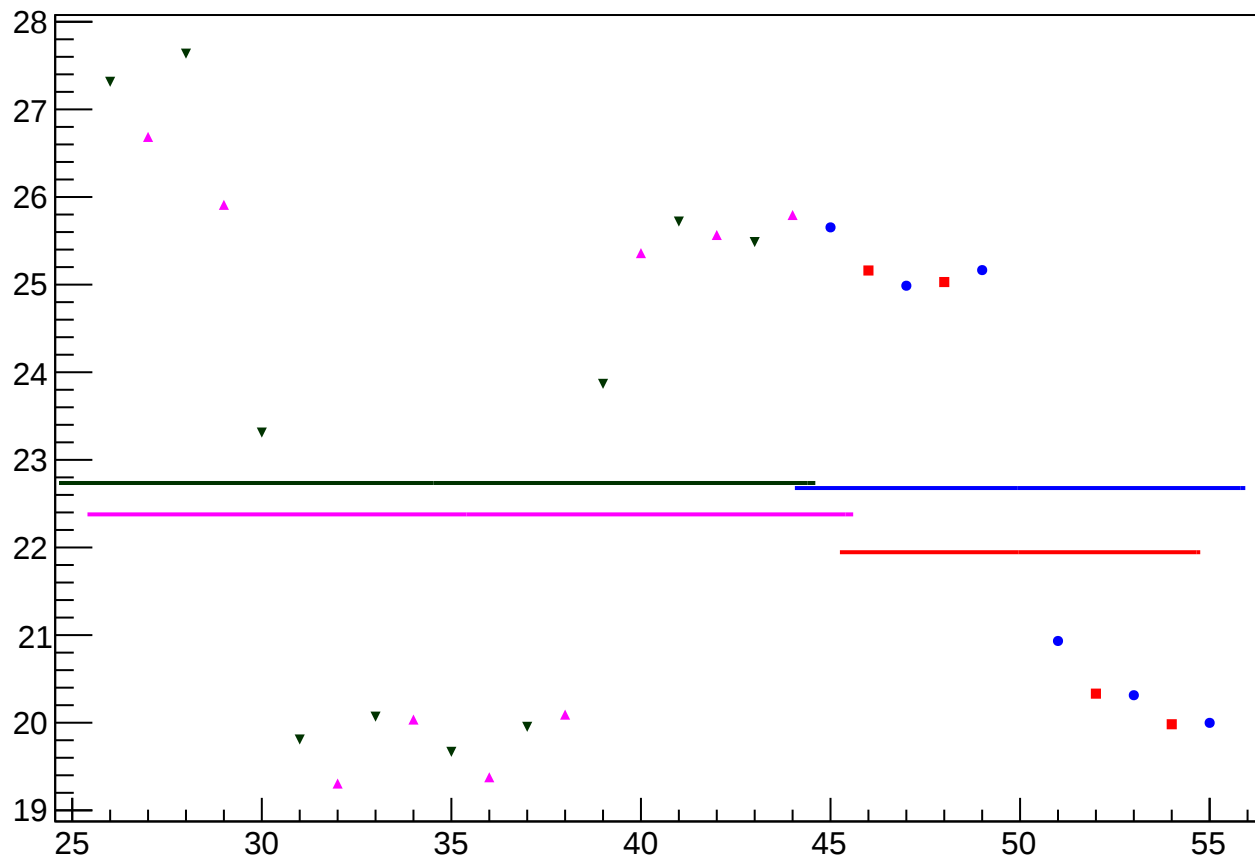
Right Out: 26.125 $\pm$ 15.482 χ^2/NDF : 0.4/3

Left In: -3.515 $\pm$ 9.515 χ^2/NDF : 9.3/8

6.220 $\pm$ 7.705 χ^2/NDF : 14.3/15

4.612 $\pm$ 8.107 χ^2/NDF : 12.4/12

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 22.678+/-0.009 χ^2/NDF : 82783.2/5

Left Out: 22.736+/-0.007 χ^2/NDF : 184730.7/9

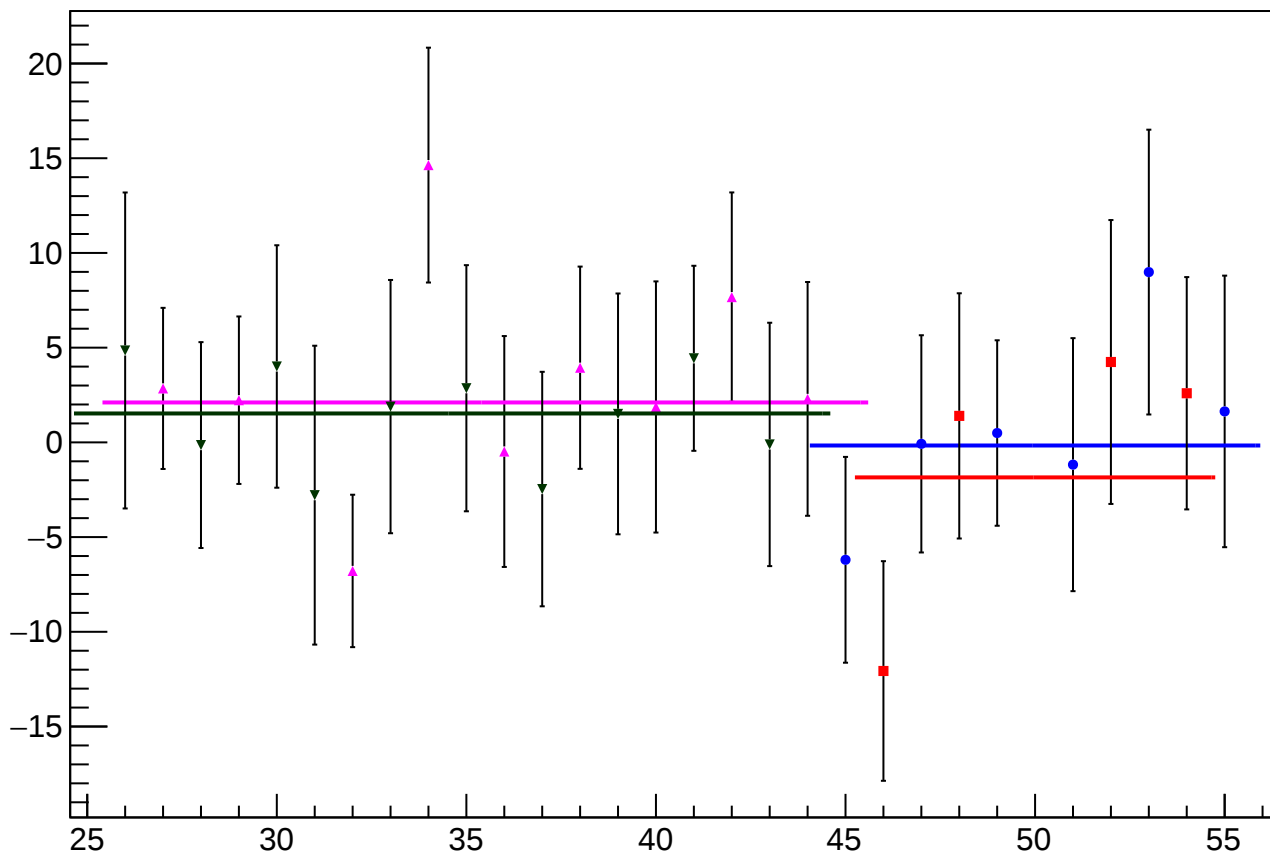
Right Out: 21.946+/-0.011 χ^2/NDF : 47426.8/3

Left In: 22.378+/-0.007 χ^2/NDF : 220179.4/8

22.712+/-0.005 χ^2/NDF : 267541.0/15

22.259+/-0.006 χ^2/NDF : 268735.4/12

diff_bpm12X_mean vs slug



Right In: -0.165 ± 2.457 χ^2/NDF : 2.8/5

Left Out: 1.526 ± 1.993 χ^2/NDF : 1.6/9

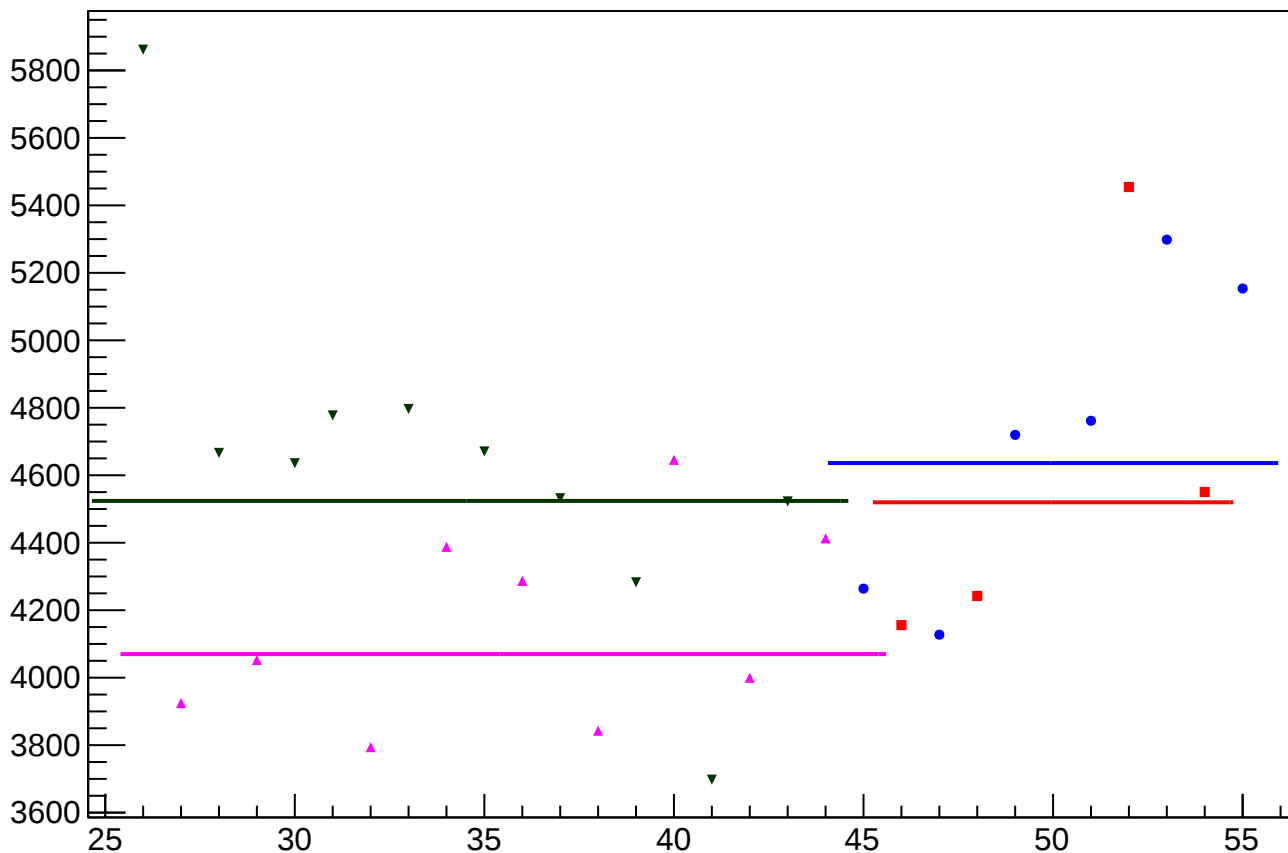
Right Out: -1.849 ± 3.194 χ^2/NDF : 4.5/3

Left In: 2.107 ± 1.720 χ^2/NDF : 10.3/8

0.855 ± 1.548 χ^2/NDF : 4.7/15

1.218 ± 1.514 χ^2/NDF : 16.1/12

diff_bpm12X_rms vs slug



Right In: 4636.158+/-1.738 χ^2/NDF : 52355.0/5

Left Out: 4523.929+/-1.409 χ^2/NDF : 119939.0/9

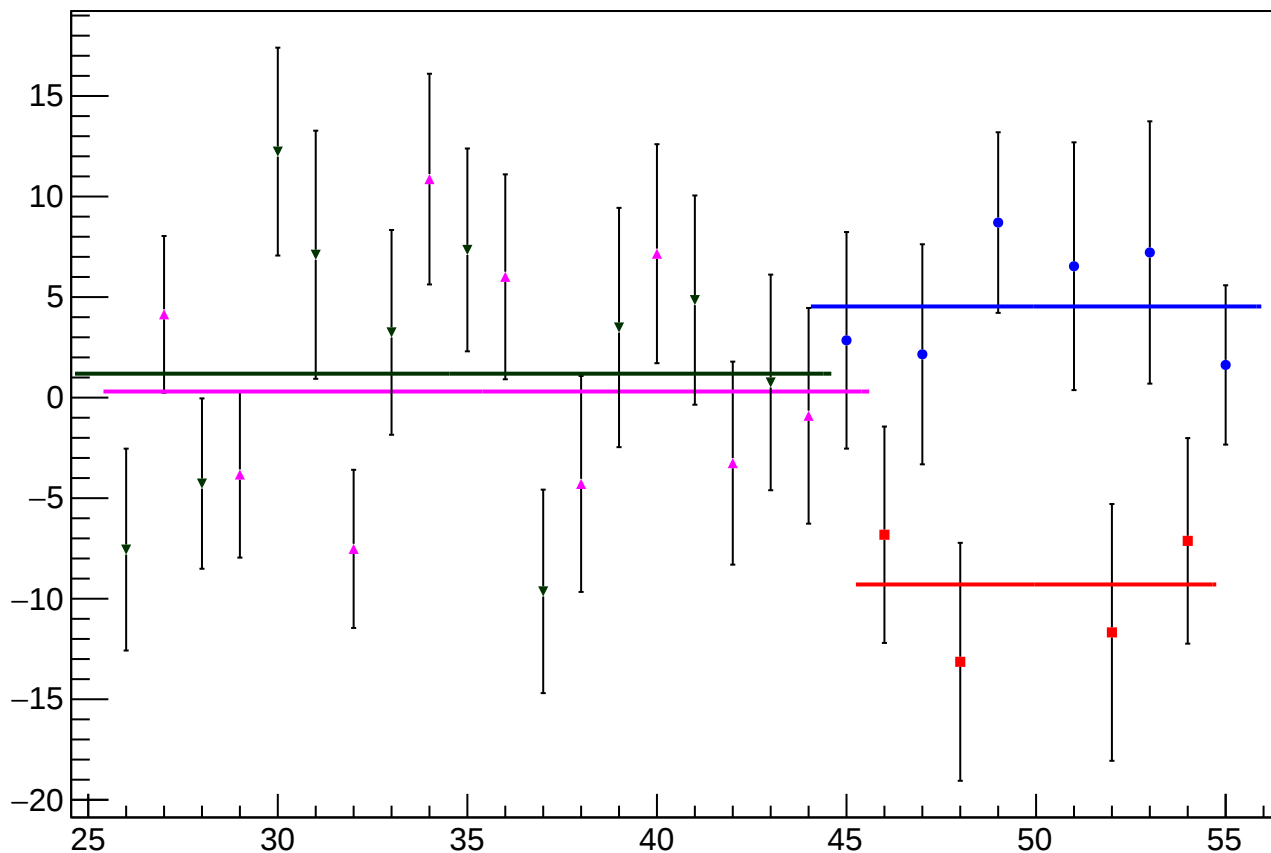
Right Out: 4519.823+/-2.258 χ^2/NDF : 42721.1/3

Left In: 4069.946+/-1.216 χ^2/NDF : 44775.6/8

4568.456+/-1.094 χ^2/NDF : 174810.6/15

4171.081+/-1.071 χ^2/NDF : 118256.0/12

diff_bpm12Y_mean vs slug



Right In: 4.534 ± 2.080 $\chi^2/\text{NDF}: 2.0/5$

Left Out: 1.191 ± 1.631 $\chi^2/\text{NDF}: 17.1/9$

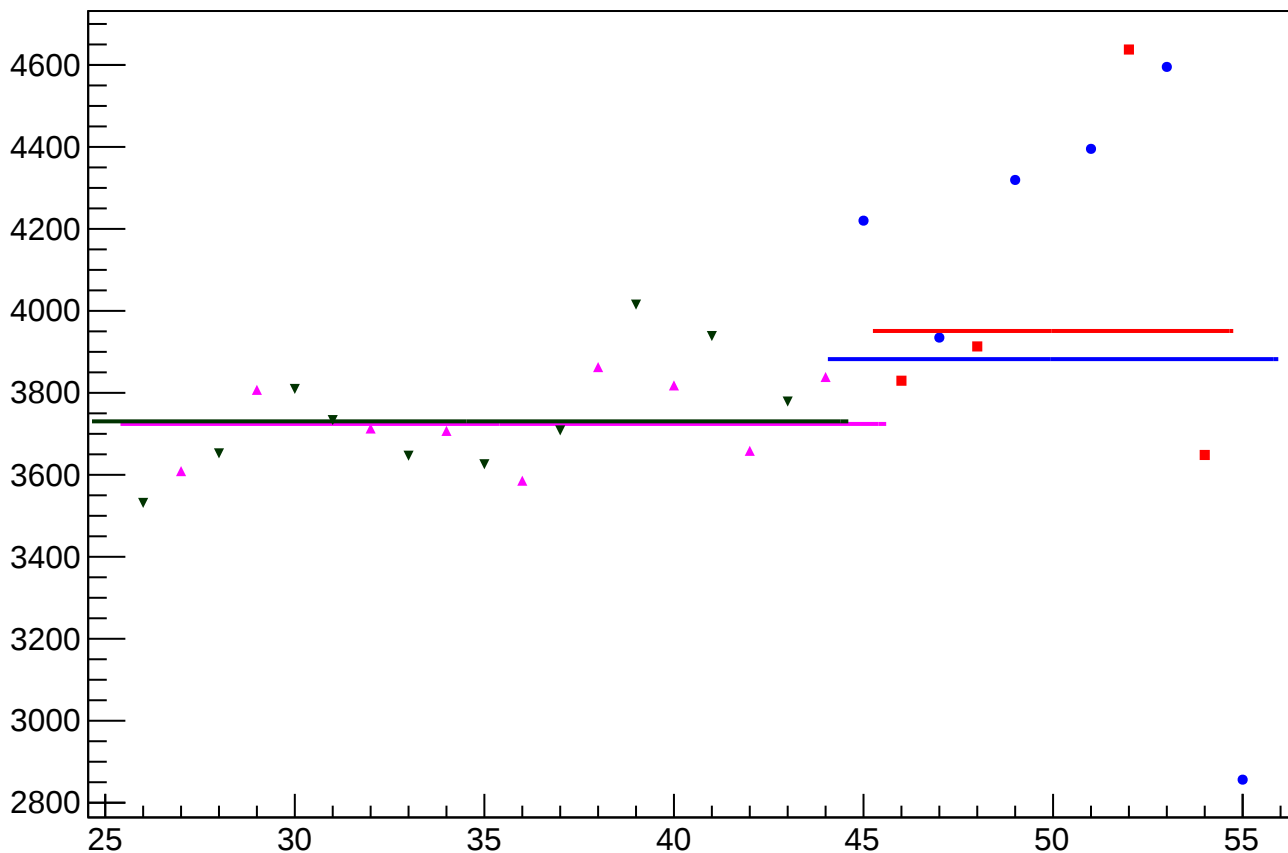
Right Out: -9.291 ± 2.818 $\chi^2/\text{NDF}: 1.0/3$

Left In: 0.304 ± 1.568 $\chi^2/\text{NDF}: 14.1/8$

2.463 ± 1.283 $\chi^2/\text{NDF}: 20.6/15$

-1.965 ± 1.371 $\chi^2/\text{NDF}: 23.9/12$

diff_bpm12Y_rms vs slug



Right In: 3882.301+/-1.471 χ^2/NDF : 198887.2/5

Left Out: 3730.451+/-1.153 χ^2/NDF :13680.1/9

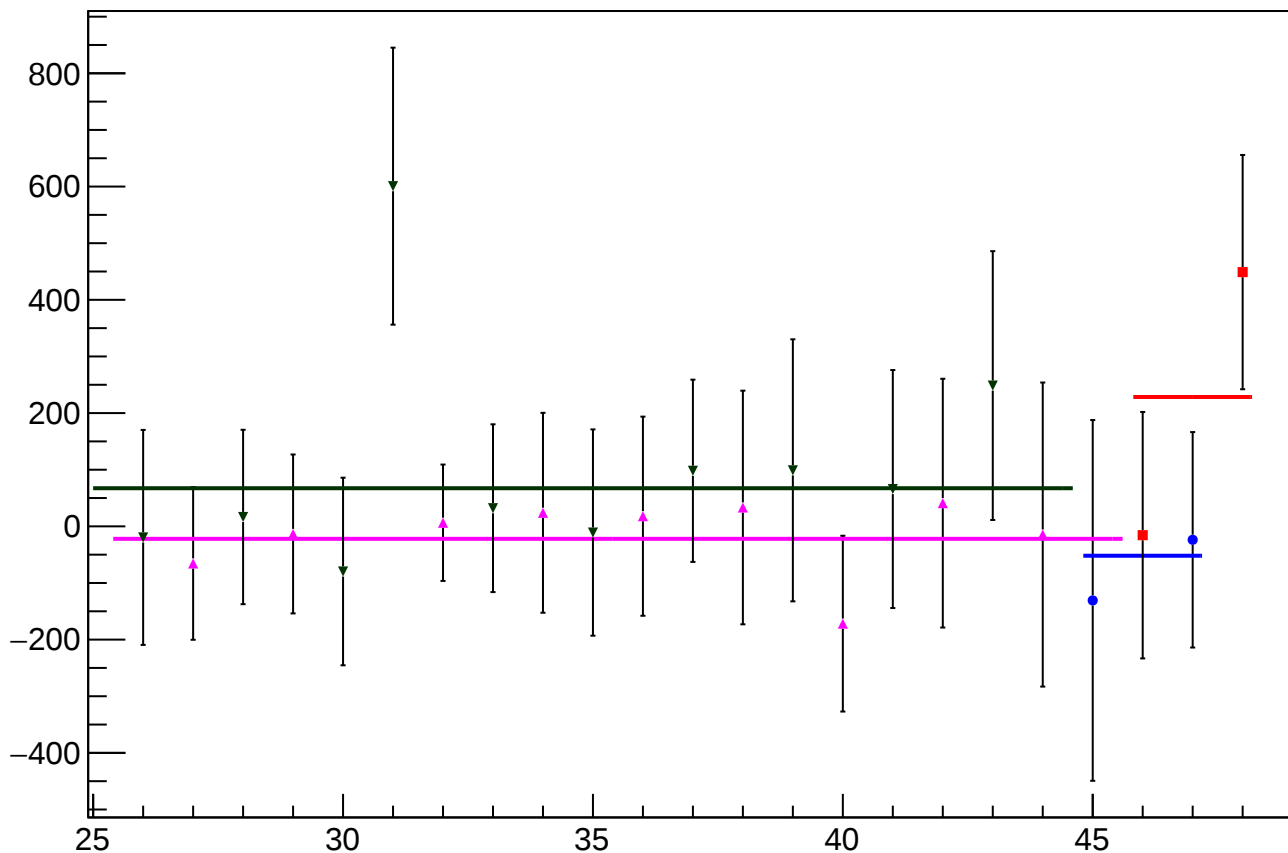
Right Out: 3950.964+/-1.993 χ^2/NDF : 31240.8/3

Left In: 3724.161+/-1.109 χ^2/NDF :7251.9/8

3788.238+/-0.908 χ^2/NDF : 219167.1/15

3777.798+/-0.969 χ^2/NDF : 48382.9/12

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 ± 163.313 χ^2/NDF : 0.1/1

Left Out: 67.330 ± 58.072 χ^2/NDF : 6.7/9

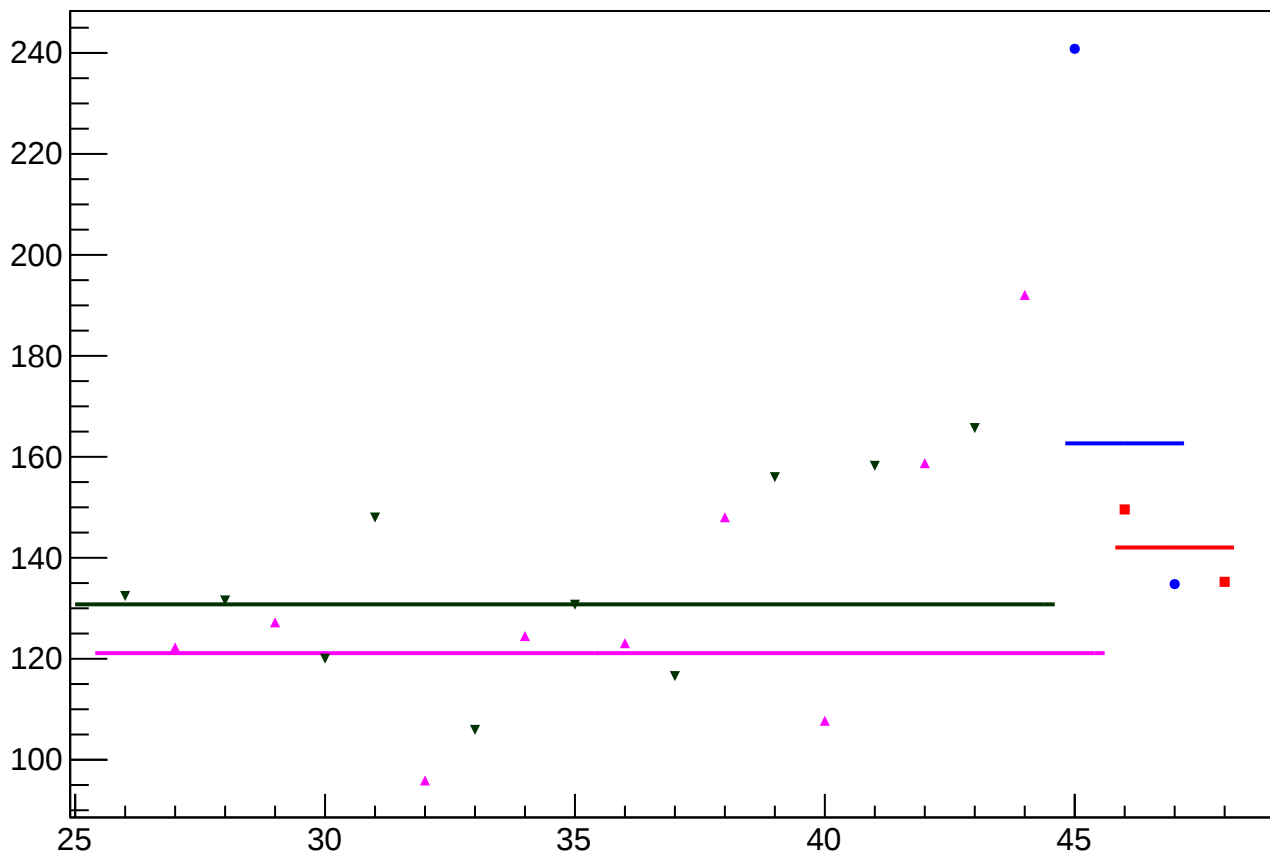
Right Out: 228.420 ± 149.918 χ^2/NDF : 2.4/1

Left In: -22.052 ± 52.367 χ^2/NDF : 1.4/8

53.948 ± 54.715 χ^2/NDF : 7.3/11

5.186 ± 49.438 χ^2/NDF : 6.3/10

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

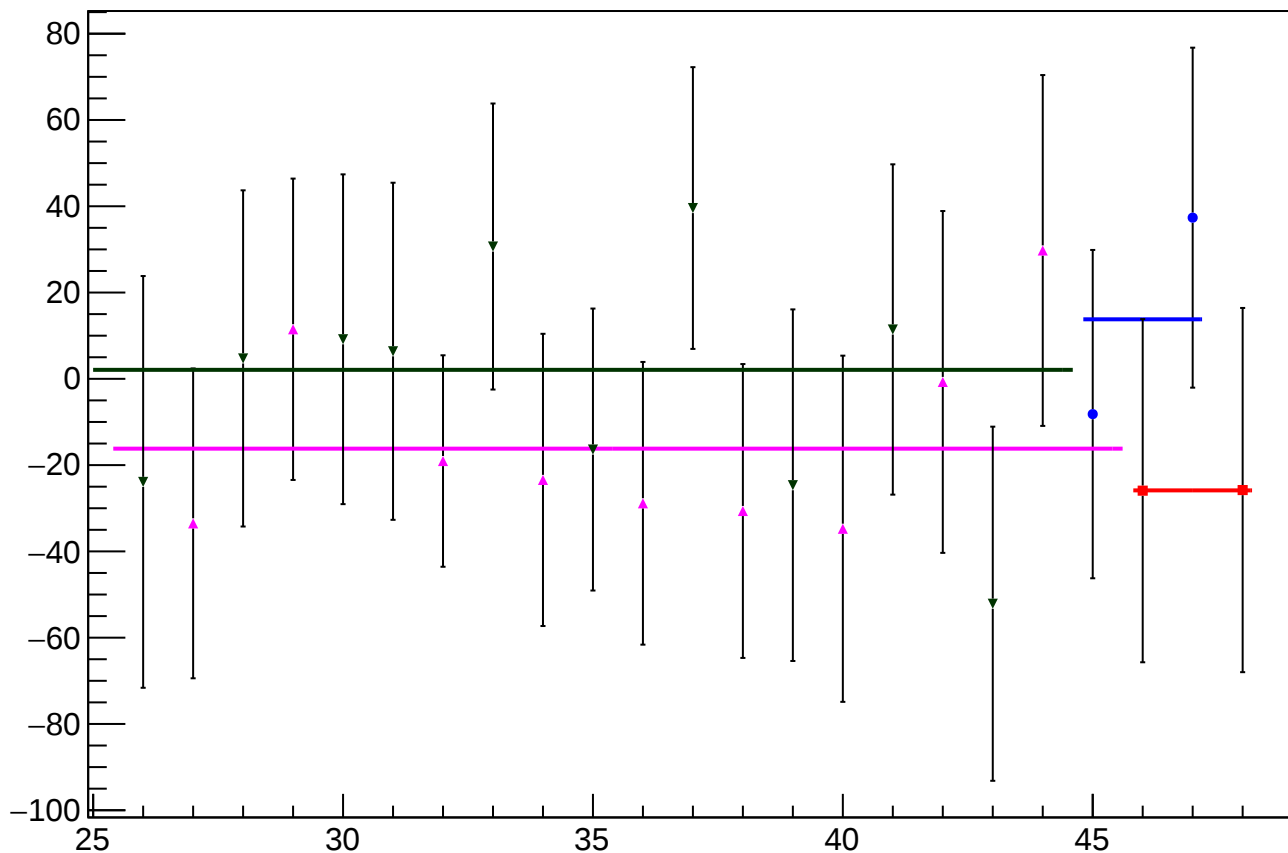
Right Out: 142.046 $\pm$ 0.106 χ^2 /NDF: 4558.7/1

Left In: 121.118 $\pm$ 0.037 χ^2 /NDF: 372780.0/8

134.362 $\pm$ 0.039 χ^2 /NDF: 422651.0/11

123.394 $\pm$ 0.035 χ^2 /NDF: 412075.4/10

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

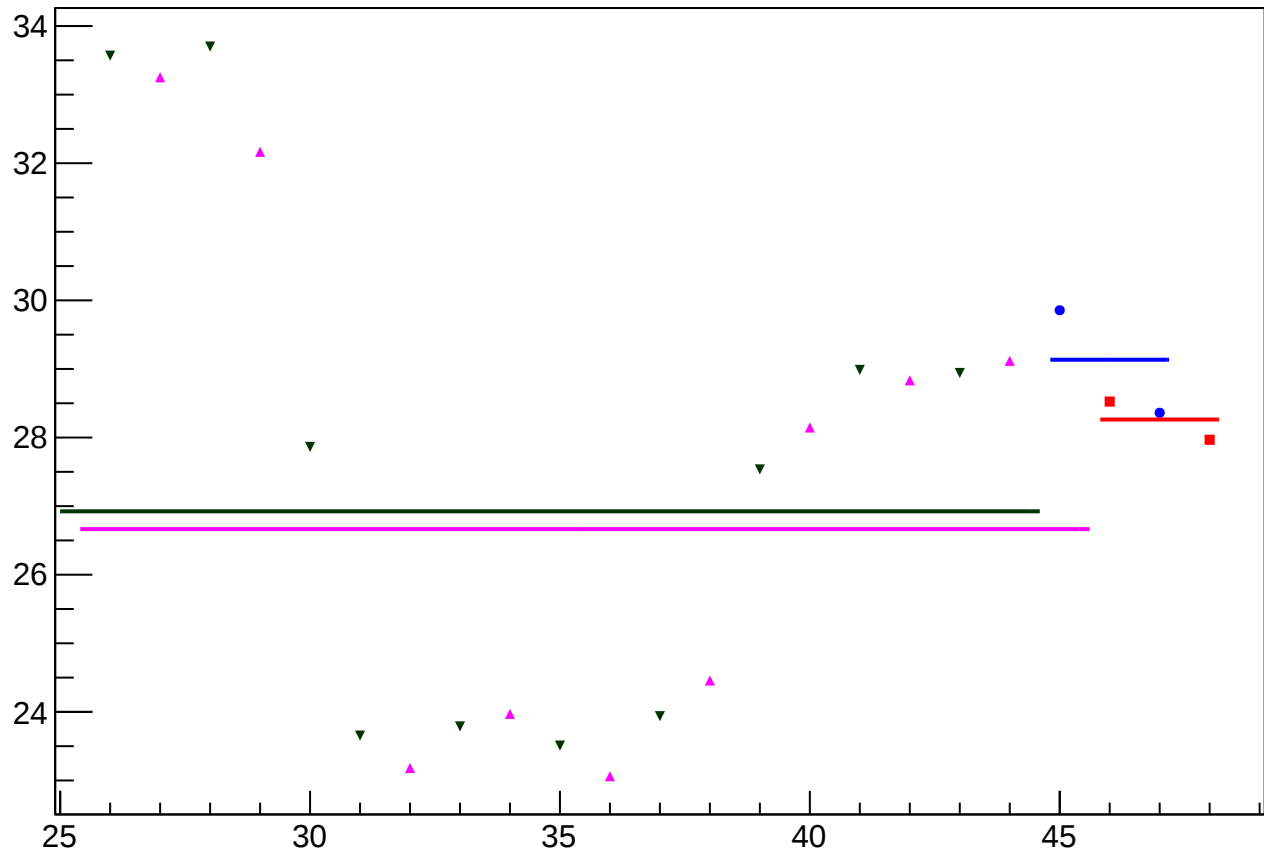
Right Out: -25.859 $\pm$ 28.950 χ^2 /NDF: 0.0/1

Left In: -16.185 $\pm$ 11.331 χ^2 /NDF: 2.9/8

3.935 $\pm$ 10.889 χ^2 /NDF: 5.8/11

-17.470 $\pm$ 10.552 χ^2 /NDF: 3.0/10

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.135 $\pm$ 0.019 χ^2/NDF : 1488.9/1

Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

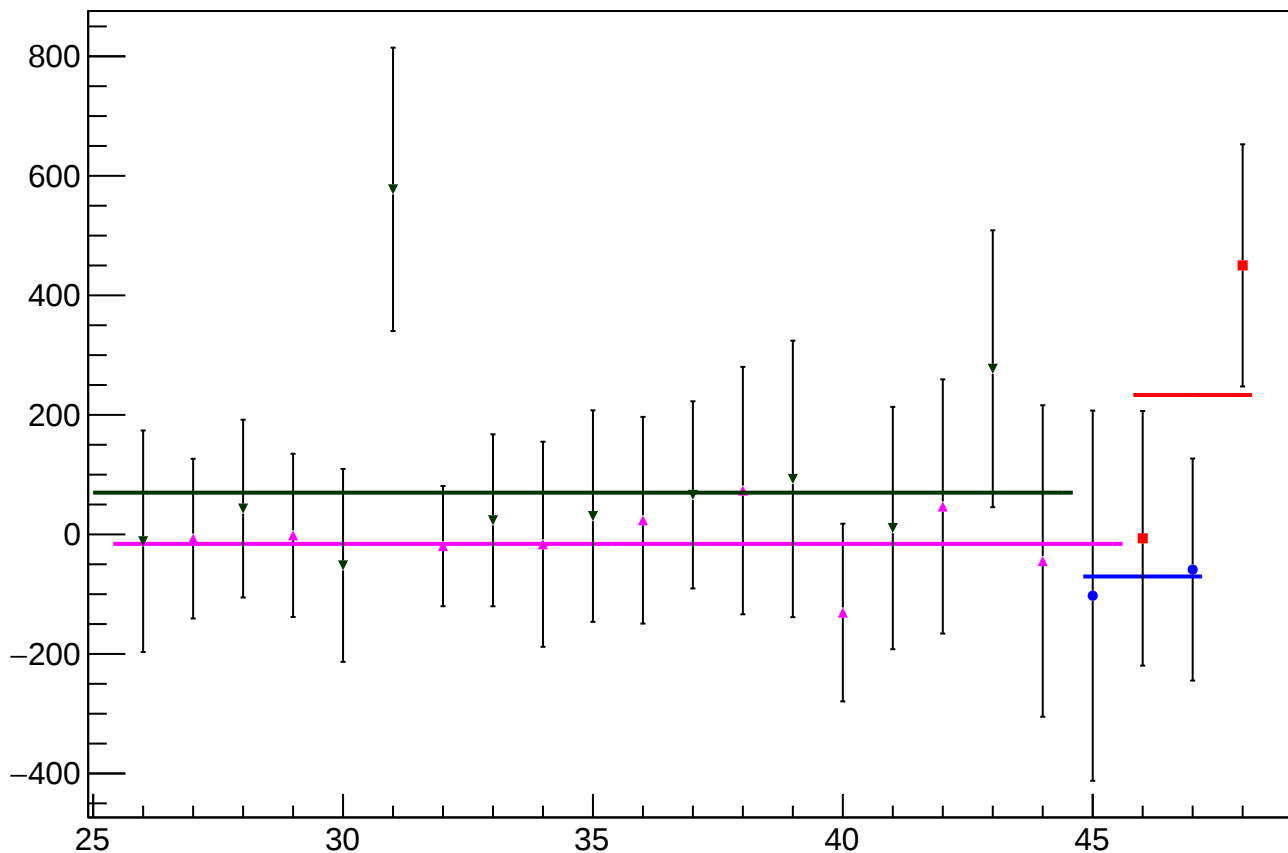
Right Out: 28.263 $\pm$ 0.020 χ^2/NDF : 184.5/1

Left In: 26.665 $\pm$ 0.008 χ^2/NDF : 218549.2/8

27.274 $\pm$ 0.008 χ^2/NDF : 194508.6/11

26.877 $\pm$ 0.007 χ^2/NDF : 224016.6/10

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -70.409 $\pm$ 159.306 χ^2 /NDF: 0.0/1

Left Out: 69.878 $\pm$ 56.508 χ^2 /NDF:6.4/9

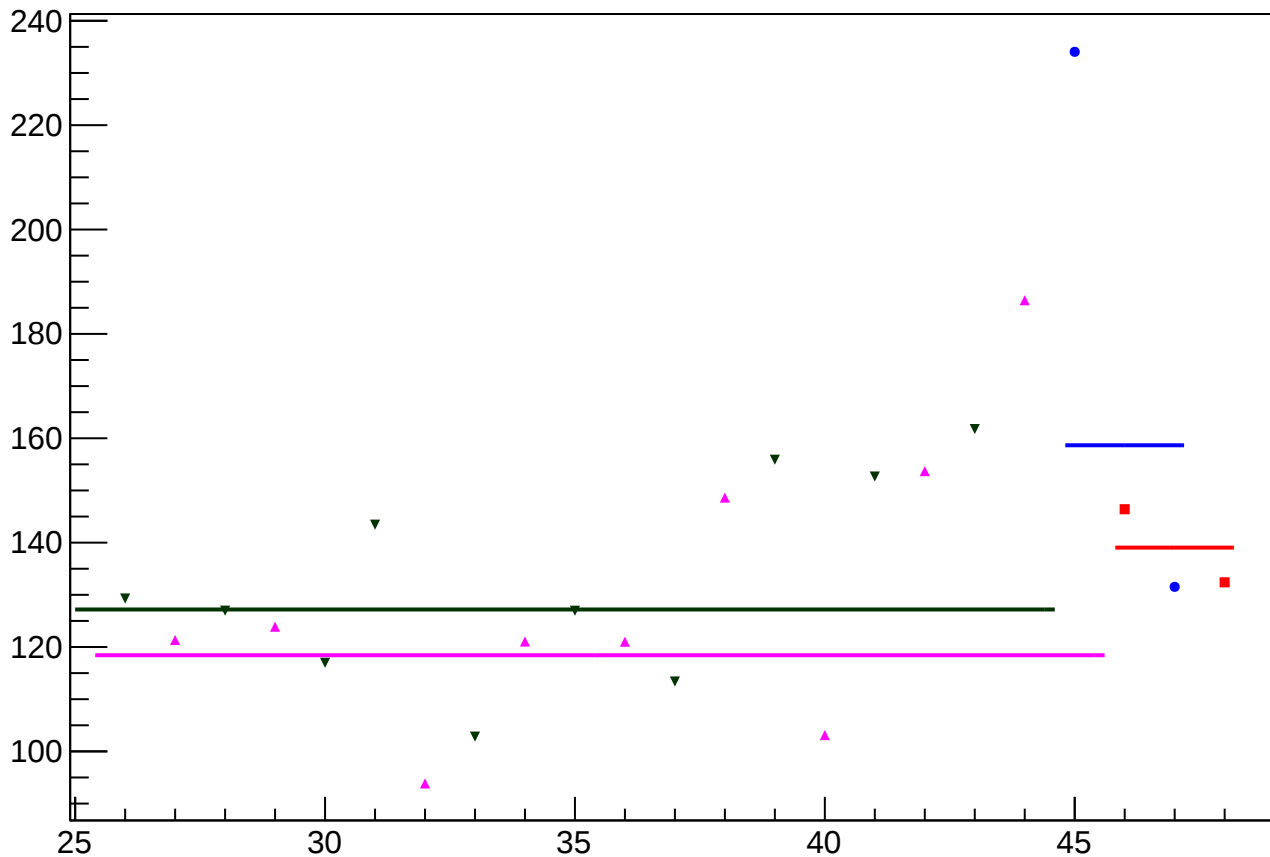
Right Out: 233.286 $\pm$ 146.812 χ^2 /NDF: 2.4/1

Left In: -15.757 $\pm$ 51.209 χ^2 /NDF:1.0/8

54.200 $\pm$ 53.257 χ^2 /NDF: 7.1/11

11.256 $\pm$ 48.352 χ^2 /NDF: 5.9/10

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 158.659+/-0.113 χ^2/NDF : 161176.8/1

Left Out: 127.192+/-0.040 χ^2/NDF : 197485.8/9

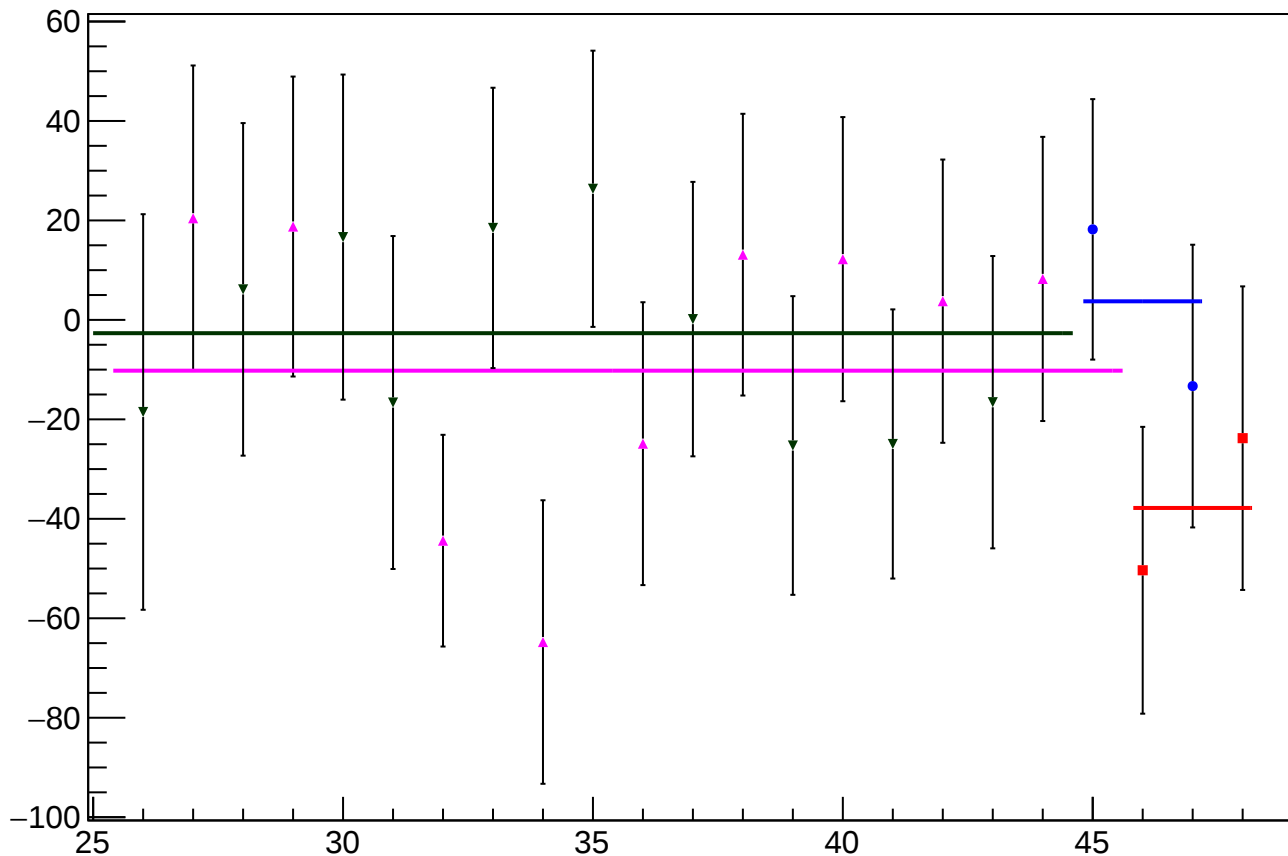
Right Out: 139.049+/-0.104 χ^2/NDF : 4539.5/1

Left In: 118.423+/-0.036 χ^2/NDF : 379462.7/8

130.709+/-0.038 χ^2/NDF : 427973.9/11

120.660+/-0.034 χ^2/NDF : 419196.2/10

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

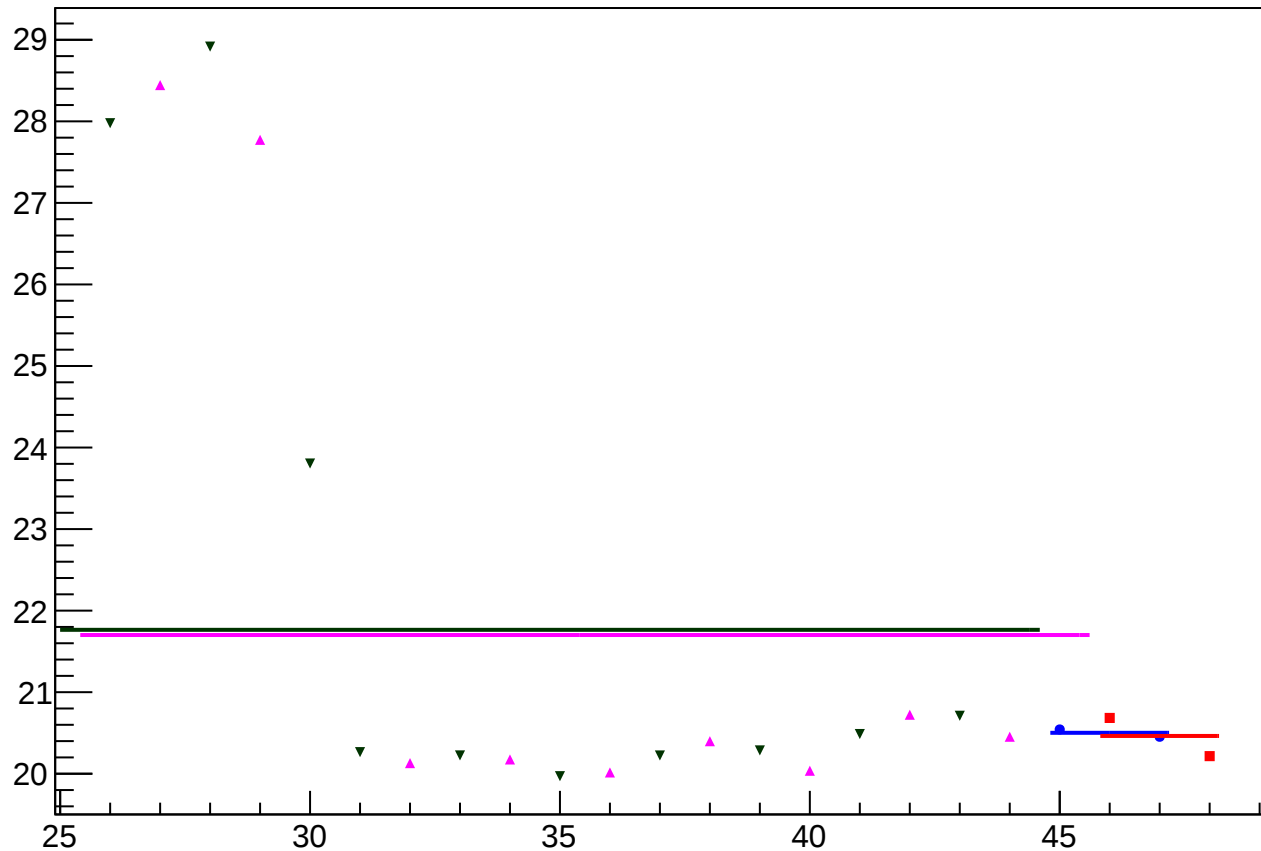
Right Out: -37.817+/-20.961 χ^2 /NDF: 0.4/1

Left In: -10.212+/-9.220 χ^2 /NDF:10.4/8

-1.398+/-8.590 χ^2 /NDF: 4.6/11

-14.687+/-8.440 χ^2 /NDF: 12.2/10

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

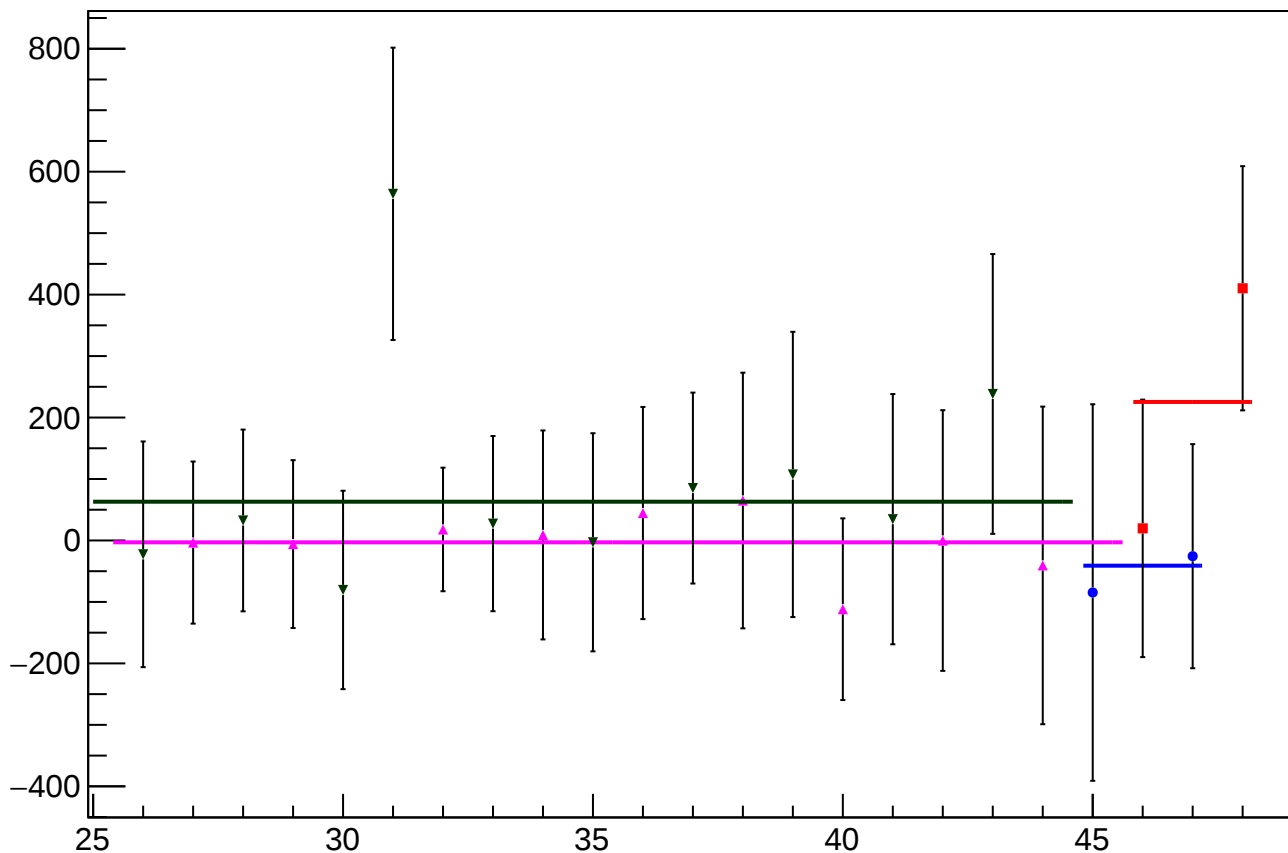
21.513 $\pm$ 0.006 χ^2 /NDF: 191440.7/11

Right Out: 20.463 $\pm$ 0.015 χ^2 /NDF: 248.8/1

21.500 $\pm$ 0.006 χ^2 /NDF: 224397.0/10

Left In: 21.701 $\pm$ 0.007 χ^2 /NDF:218304.5/8

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

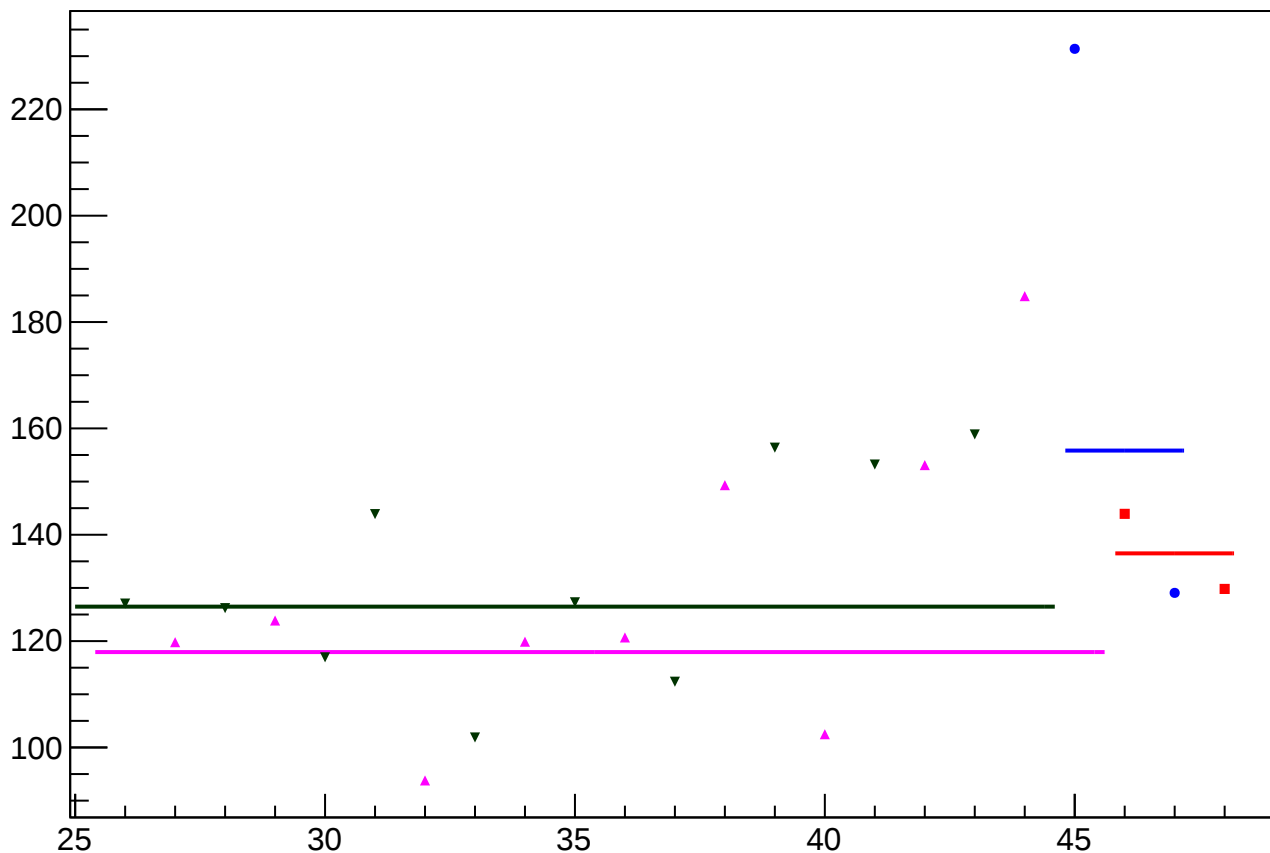
Right Out: 225.345 ± 144.143 χ^2/NDF : 1.8/1

Left In: -3.008 ± 51.005 χ^2/NDF : 0.8/8

51.170 ± 52.946 χ^2/NDF : 6.8/11

22.403 ± 48.083 χ^2/NDF : 4.9/10

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

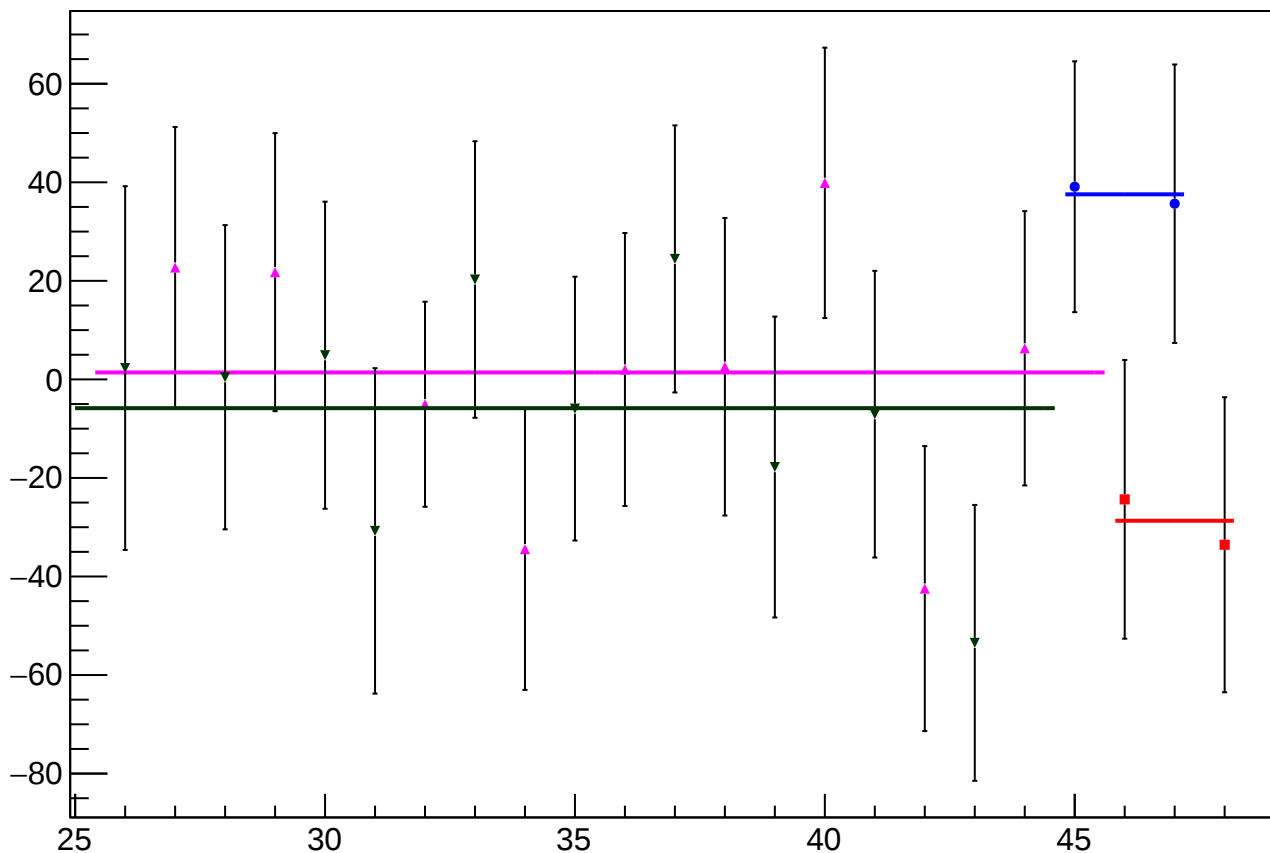
Right Out: 136.498+/-0.102 χ^2/NDF : 4783.5/1

Left In: 117.938+/-0.036 χ^2/NDF : 376858.5/8

129.835+/-0.037 χ^2/NDF : 428997.1/11

120.003+/-0.034 χ^2/NDF : 411112.2/10

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

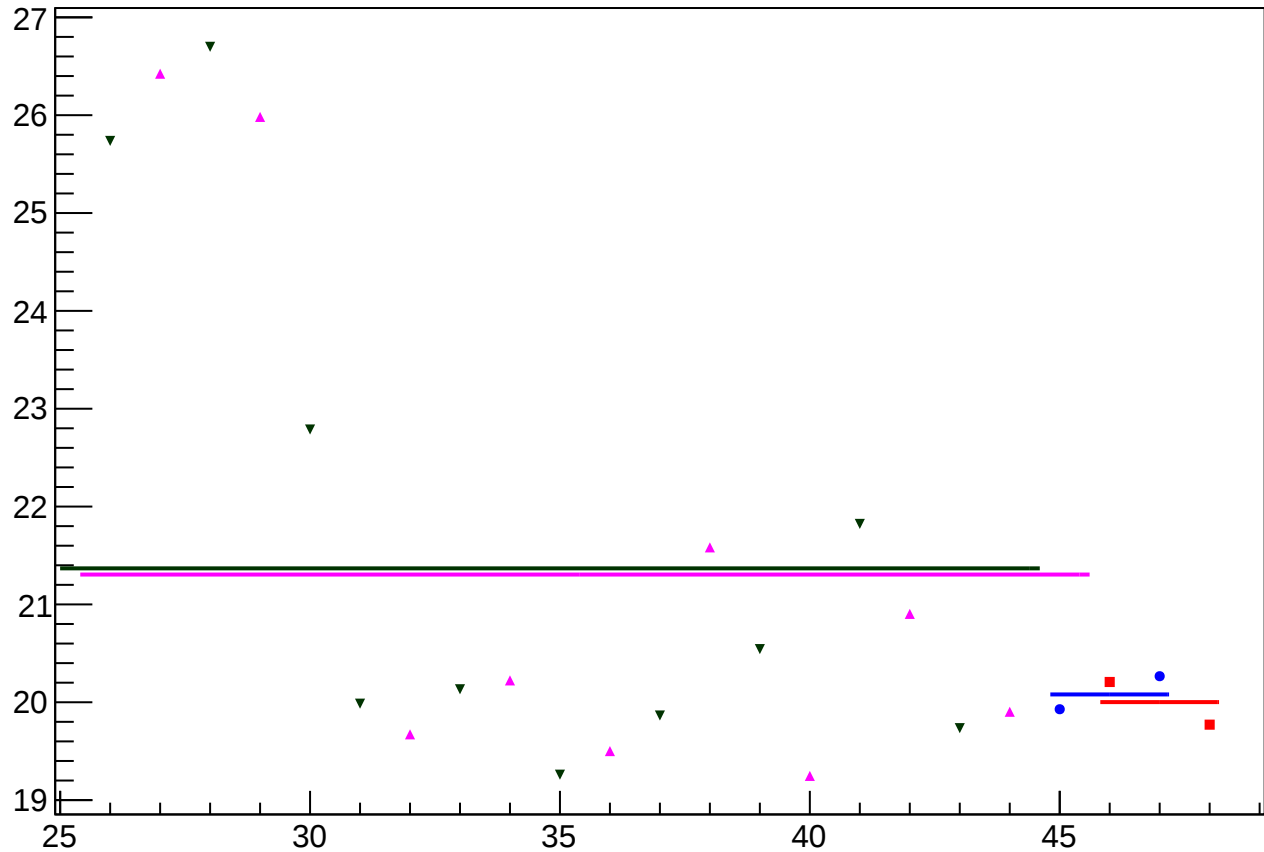
Right Out: -28.689+/-20.558 χ^2/NDF : 0.1/1

Left In: 1.409+/-9.041 χ^2/NDF : 7.0/8

2.774+/-8.427 χ^2/NDF : 10.2/11

-3.469+/-8.276 χ^2/NDF : 8.9/10

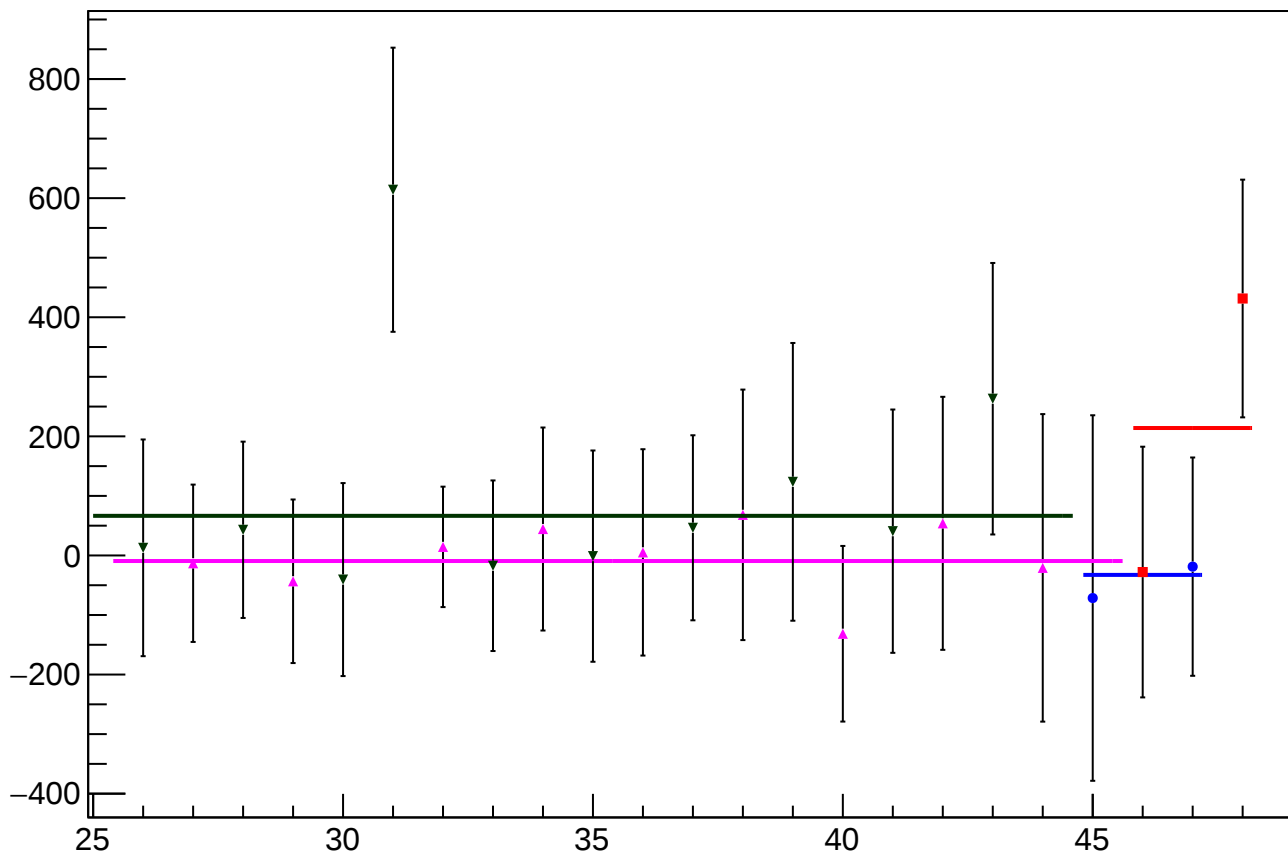
asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080 $\pm$ 0.013 χ^2 /NDF: 157.4/1
 Left Out: 21.368 $\pm$ 0.007 χ^2 /NDF:126487.8/9
 Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 224.3/1
 Left In: 21.305 $\pm$ 0.006 χ^2 /NDF:159917.2/8

21.113 $\pm$ 0.006 χ^2 /NDF: 134084.2/11
 21.094 $\pm$ 0.006 χ^2 /NDF: 166880.2/10

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -32.650 +/- 157.363 χ^2/NDF : 0.0/1

Left Out: 66.532 +/- 56.339 χ^2/NDF : 7.1/9

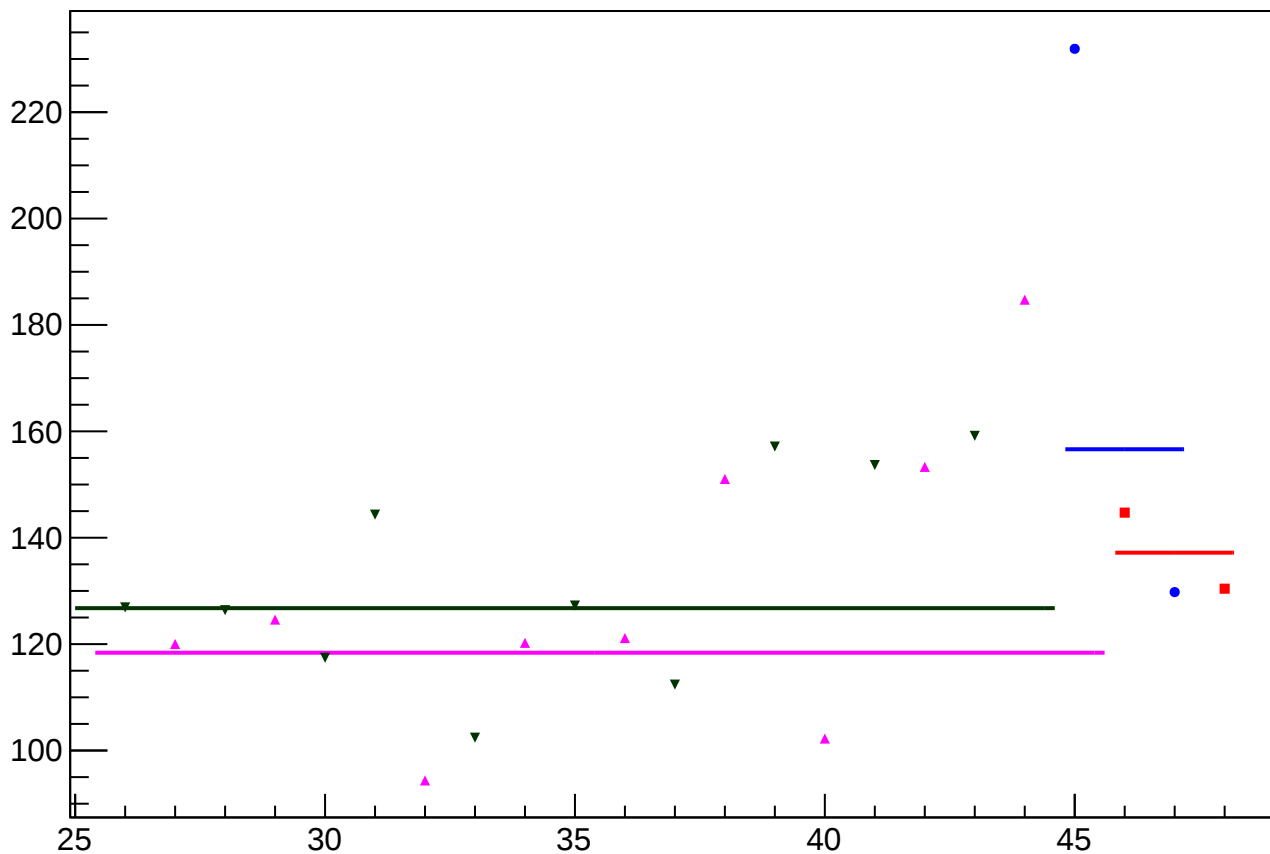
Right Out: 214.007 +/- 144.830 χ^2/NDF : 2.5/1

Left In: -9.341 +/- 51.191 χ^2/NDF : 1.1/8

55.263 +/- 53.042 χ^2/NDF : 7.5/11

15.463 +/- 48.265 χ^2/NDF : 5.8/10

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 156.631 $\pm$ 0.111 χ^2 /NDF: 163242.4/1

Left Out: 126.761 $\pm$ 0.040 χ^2 /NDF: 201460.1/9

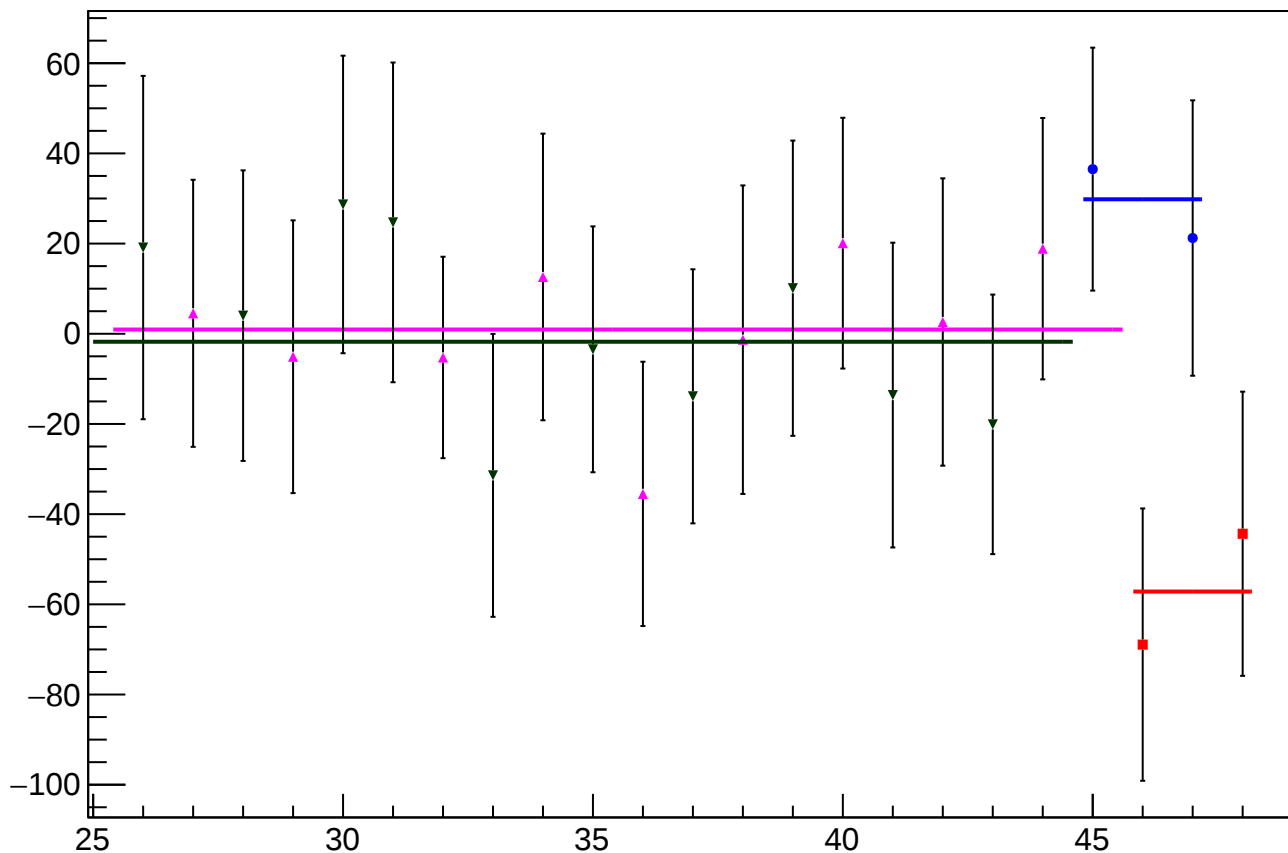
Right Out: 137.191 $\pm$ 0.102 χ^2 /NDF: 4861.6/1

Left In: 118.381 $\pm$ 0.036 χ^2 /NDF: 376314.7/8

130.155 $\pm$ 0.038 χ^2 /NDF: 428575.6/11

120.470 $\pm$ 0.034 χ^2 /NDF: 411163.6/10

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

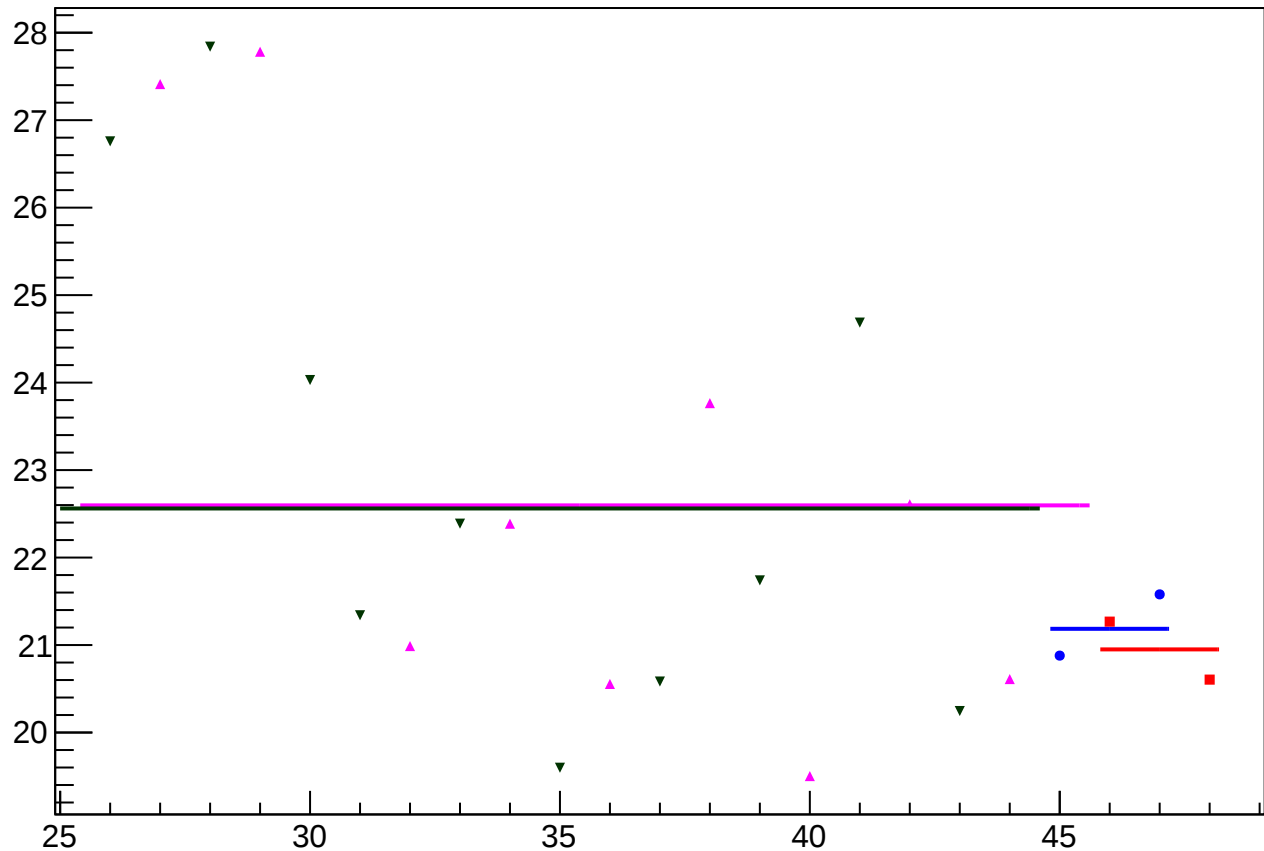
Right Out: -57.163 $\pm$ 21.802 χ^2 /NDF: 0.3/1

Left In: 0.942 $\pm$ 9.660 χ^2 /NDF: 2.7/8

4.447 $\pm$ 8.960 χ^2 /NDF: 5.6/11

-8.593 $\pm$ 8.832 χ^2 /NDF: 8.9/10

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.185+/-0.014 χ^2/NDF : 591.3/1

Left Out: 22.561+/-0.007 χ^2/NDF : 140006.3/9

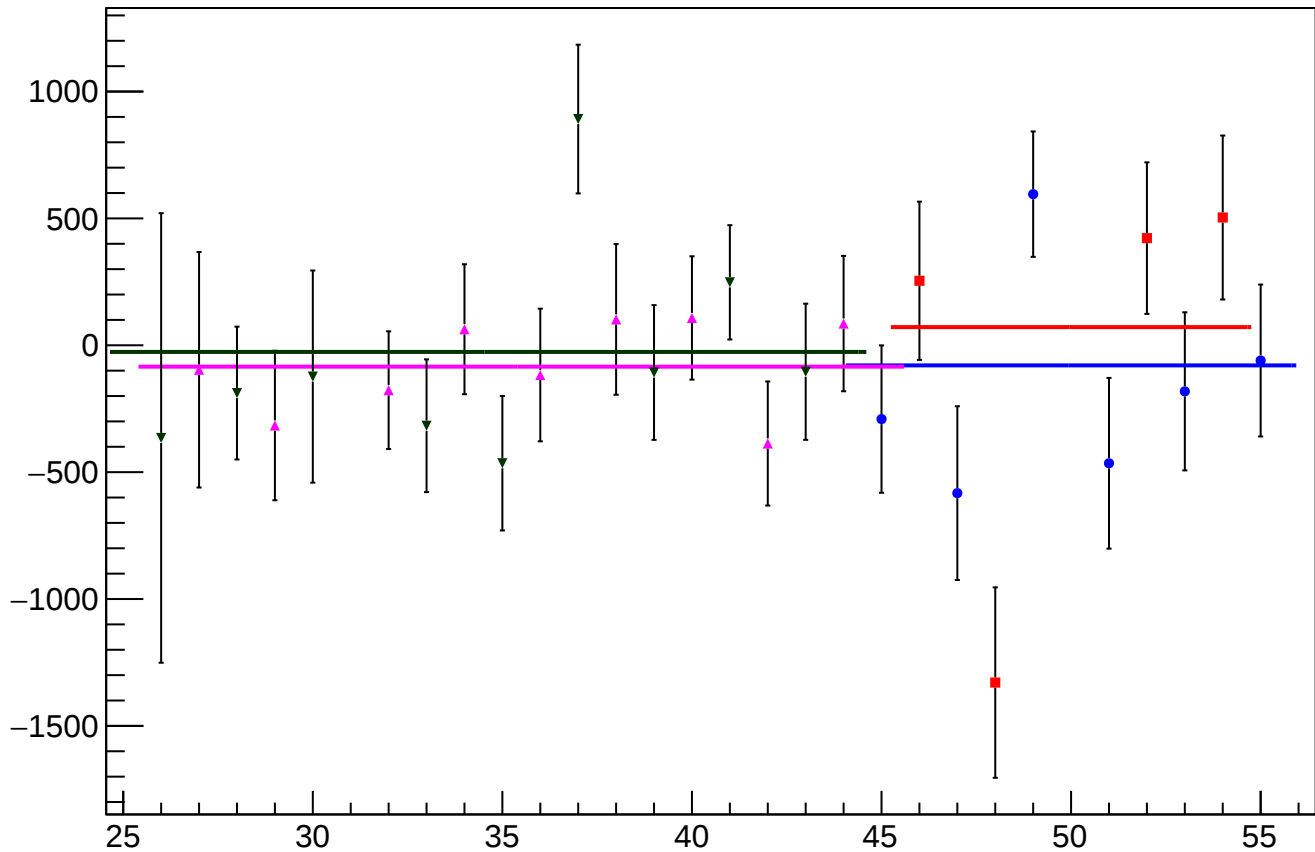
Right Out: 20.950+/-0.015 χ^2/NDF : 461.2/1

Left In: 22.597+/-0.007 χ^2/NDF : 168346.0/8

22.291+/-0.006 χ^2/NDF : 148048.8/11

22.326+/-0.006 χ^2/NDF : 178339.5/10

asym_sam_15_avg_mean vs slug



Right In: -79.268+/-122.121 χ^2/NDF : 11.6/5

Left Out: -26.215+/-95.391 χ^2/NDF :16.0/8

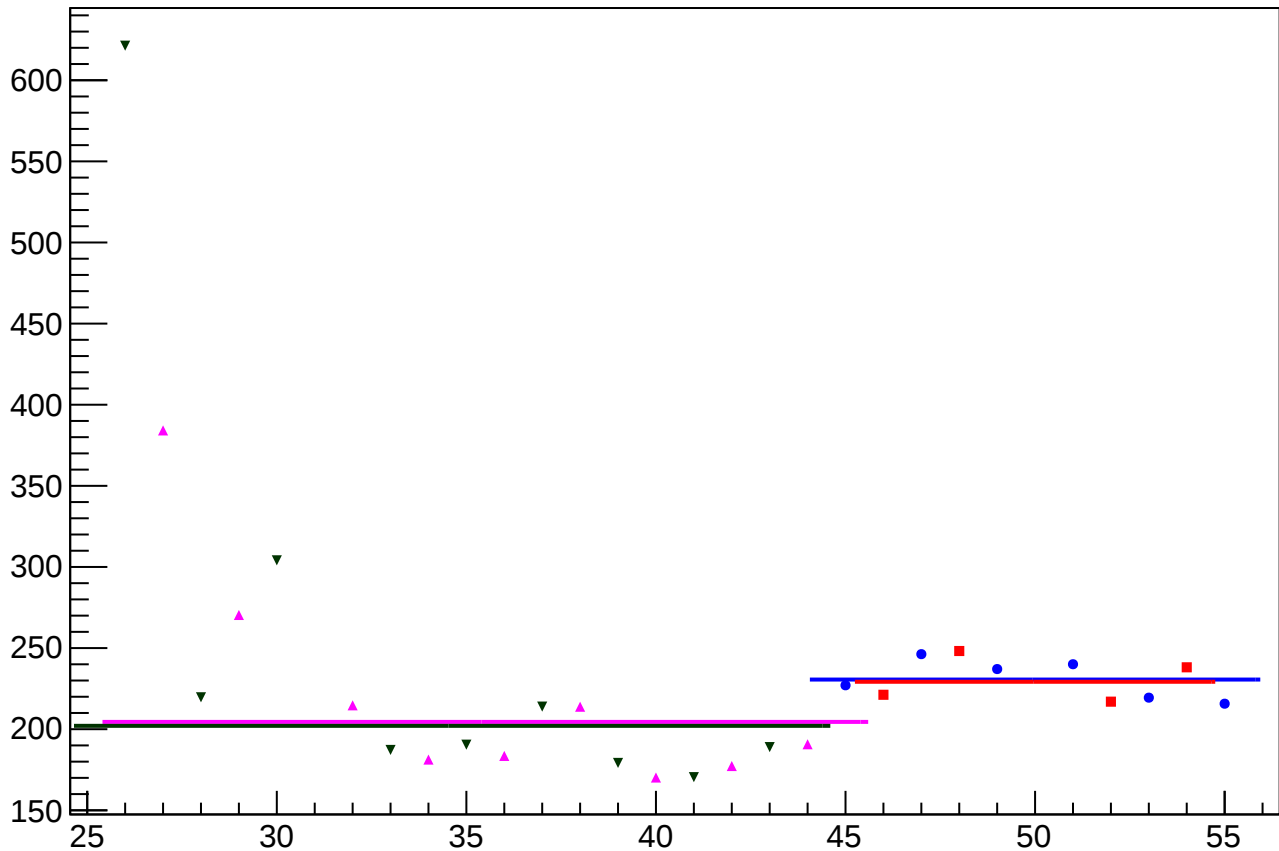
Right Out: 71.673+/-161.843 χ^2/NDF : 17.4/3

Left In: -84.239+/-89.930 χ^2/NDF :4.1/8

-46.319+/-75.175 χ^2/NDF : 27.7/14

-47.457+/-78.609 χ^2/NDF : 22.2/12

asym_sam_15_avg_rms vs slug



Right In: 230.599+/-0.086 χ^2/NDF : 14937.1/5

Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

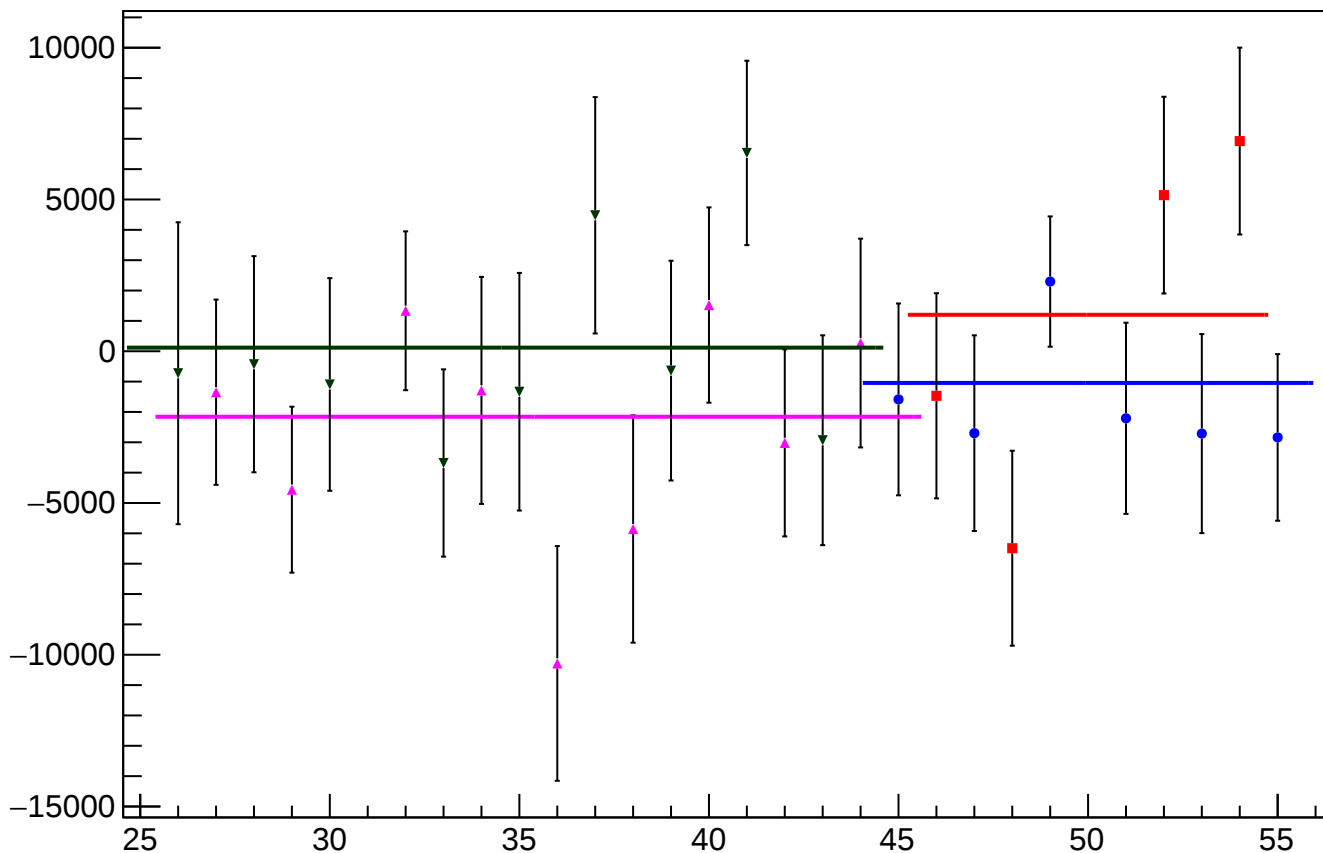
Right Out: 229.236+/-0.114 χ^2/NDF : 11319.5/3

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

212.884+/-0.053 χ^2/NDF : 731377.2/14

210.334+/-0.056 χ^2/NDF : 551885.0/12

asym_sam_26_avg_mean vs slug



Right In: -1043.836 ± 1162.450 χ^2/NDF : 3.5/5

Left Out: 118.708 ± 1190.644 χ^2/NDF : 8.4/8

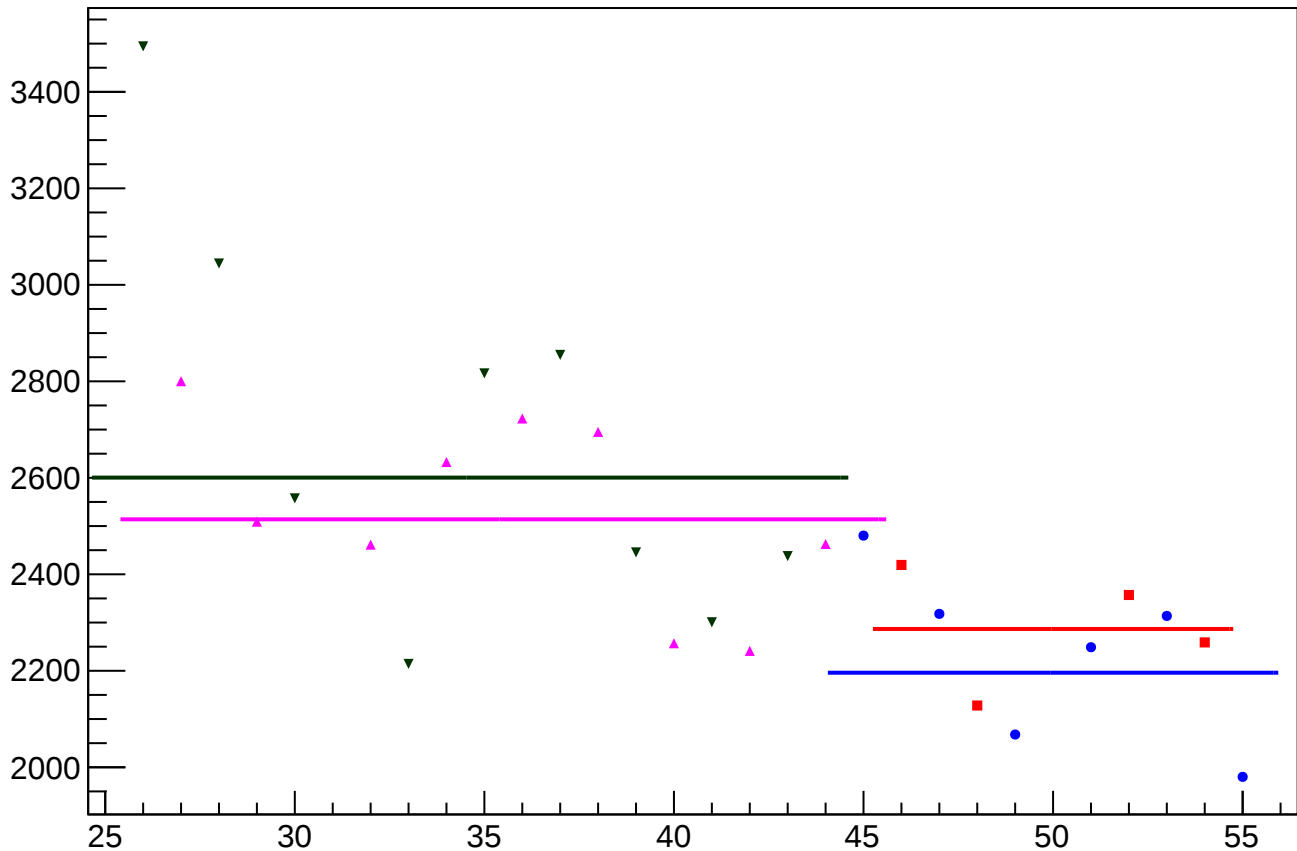
Right Out: 1201.137 ± 1611.123 χ^2/NDF : 11.3/3

Left In: -2158.051 ± 1063.969 χ^2/NDF : 10.0/8

-476.491 ± 831.765 χ^2/NDF : 12.4/14

-1137.943 ± 887.840 χ^2/NDF : 24.3/12

asym_sam_26_avg_rms vs slug



Right In: 2196.018 ± 0.822 χ^2/NDF : 41683.0/5

Left Out: 2600.445 ± 0.842 χ^2/NDF : 169500.1/8

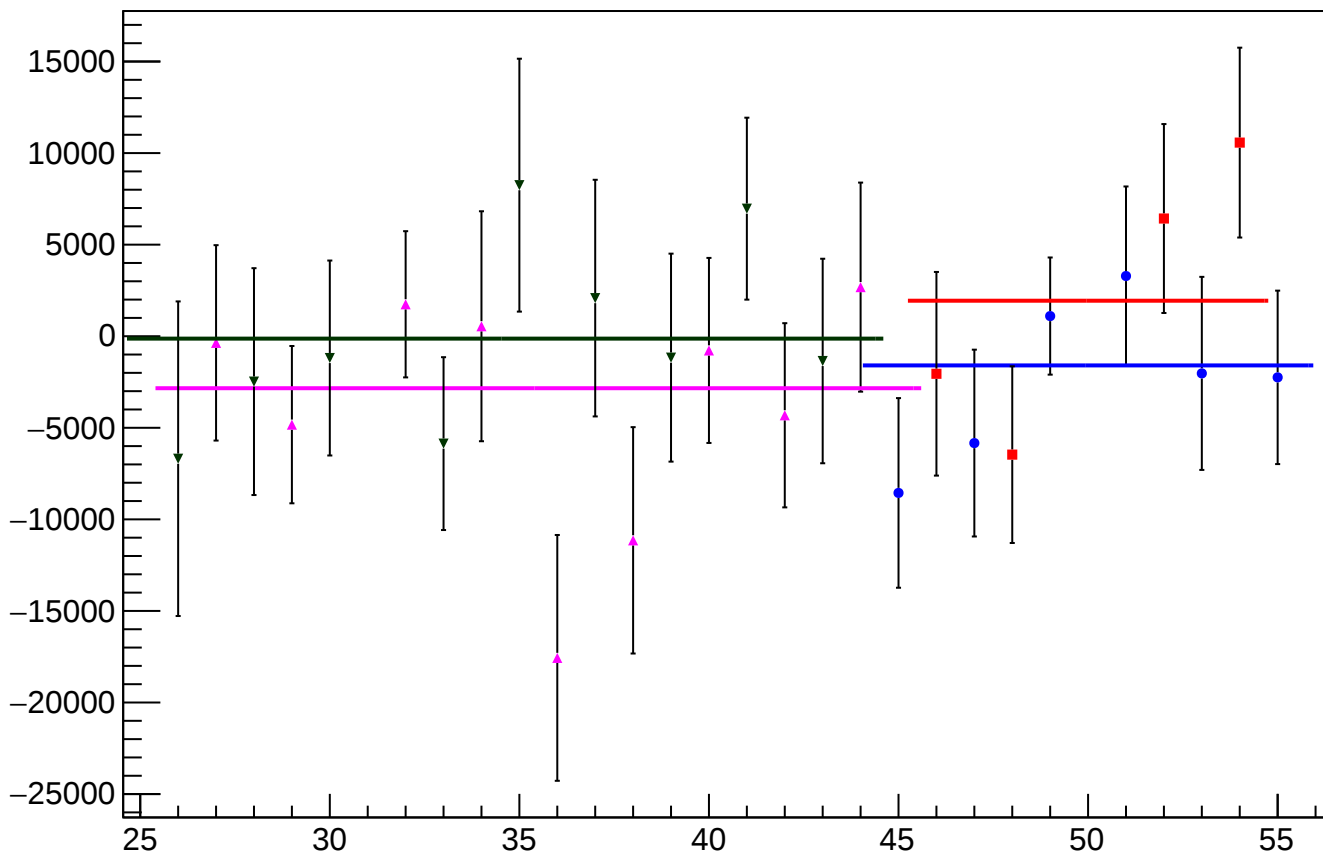
Right Out: 2286.711 ± 1.139 χ^2/NDF : 9074.8/3

Left In: 2513.944 ± 0.752 χ^2/NDF : 59815.8/8

2393.386 ± 0.588 χ^2/NDF : 329323.9/14

2444.938 ± 0.628 χ^2/NDF : 96593.6/12

asym_sam_37_avg_mean vs slug



Right In: -1593.769 ± 1838.317 $\chi^2/\text{NDF}: 4.2/5$

Left Out: -130.759 ± 1930.273 $\chi^2/\text{NDF}: 6.0/8$

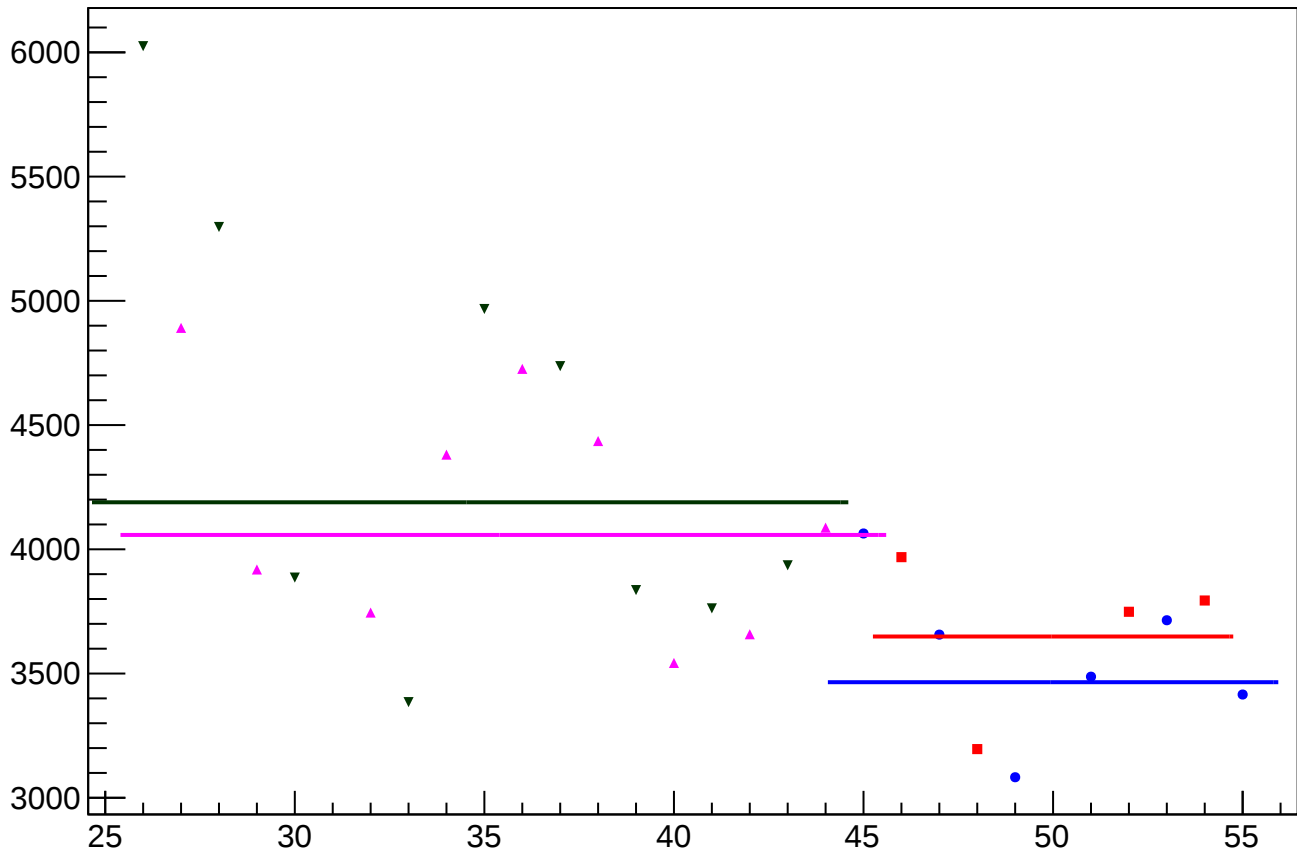
Right Out: 1938.999 ± 2581.080 $\chi^2/\text{NDF}: 7.1/3$

Left In: -2838.910 ± 1727.020 $\chi^2/\text{NDF}: 9.8/8$

-897.941 ± 1331.208 $\chi^2/\text{NDF}: 10.5/14$

-1361.334 ± 1435.349 $\chi^2/\text{NDF}: 19.3/12$

asym_sam_37_avg_rms vs slug



Right In: 3465.154+/-1.300 χ^2/NDF : 62882.1/5

Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

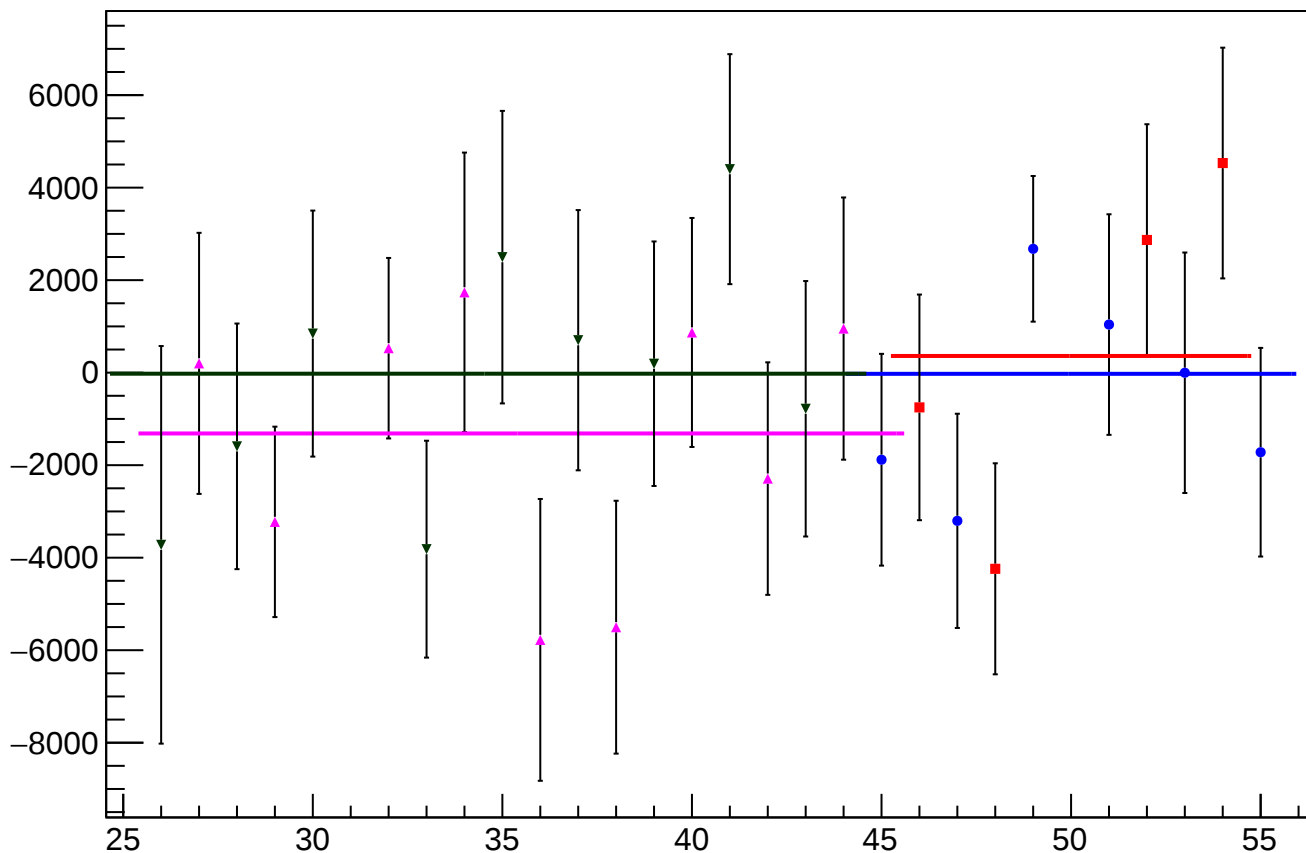
Right Out: 3649.070+/-1.825 χ^2/NDF : 26542.8/3

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

3809.536+/-0.941 χ^2/NDF : 496811.8/14

3931.411+/-1.015 χ^2/NDF : 190442.1/12

asym_sam_48_avg_mean vs slug



Right In: -25.138+/-876.673 χ^2/NDF : 6.3/5

Left Out: -22.507+/-919.850 χ^2/NDF : 7.8/8

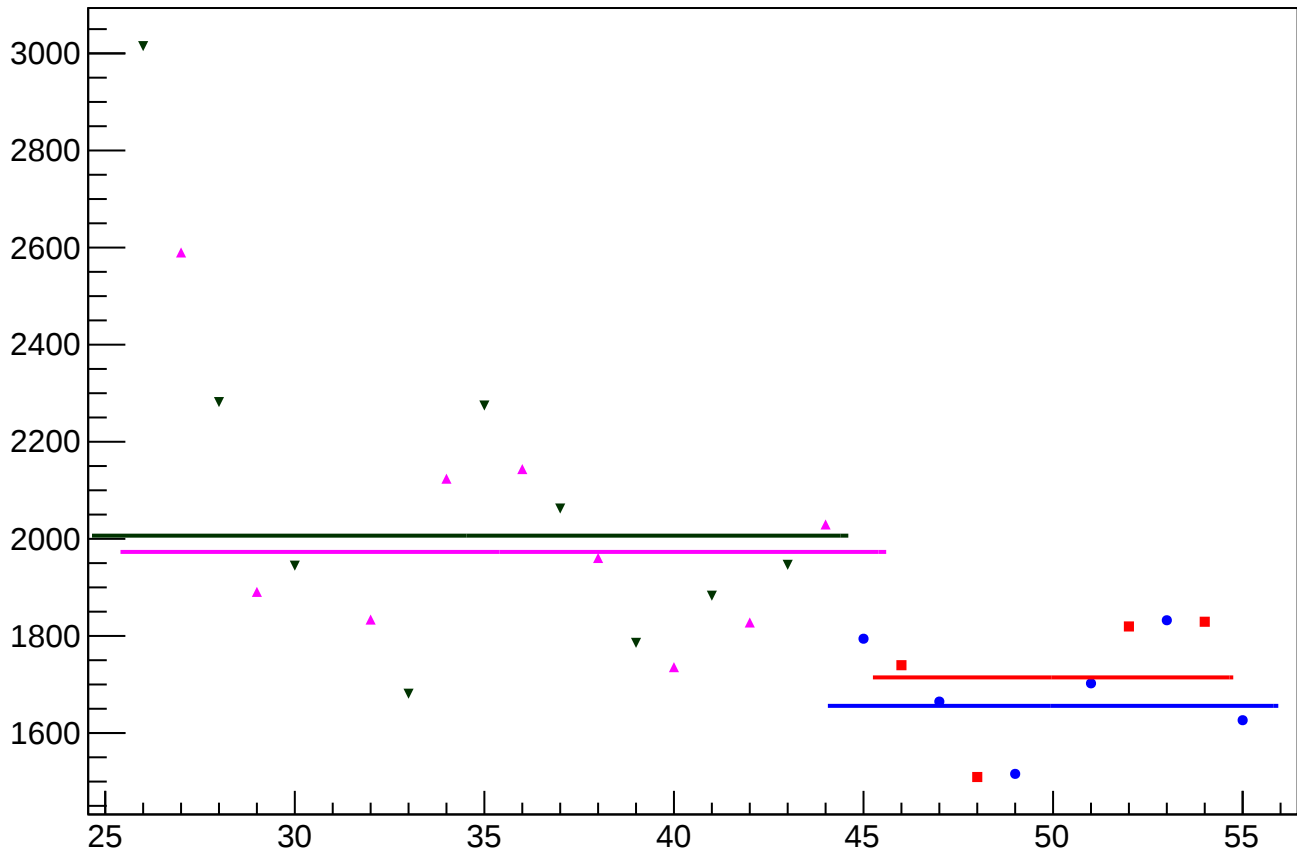
Right Out: 360.868+/-1212.029 χ^2/NDF : 8.1/3

Left In: -1314.189+/-838.756 χ^2/NDF : 9.1/8

-23.886+/-634.617 χ^2/NDF : 14.0/14

-771.769+/-689.709 χ^2/NDF : 18.5/12

asym_sam_48_avg_rms vs slug



Right In: 1655.977+/-0.620 χ^2/NDF : 33469.1/5

Left Out: 2006.587+/-0.650 χ^2/NDF : 206255.1/8

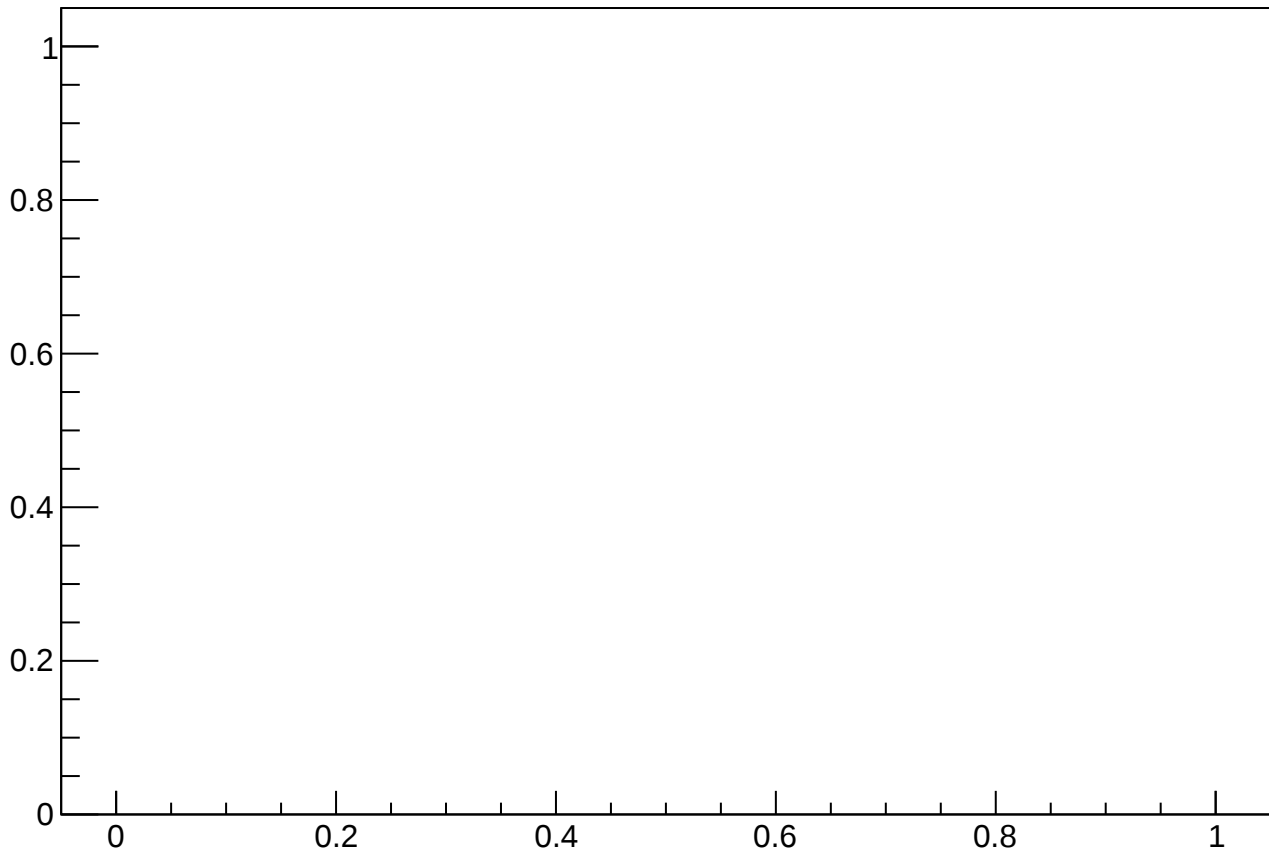
Right Out: 1714.580+/-0.857 χ^2/NDF : 24138.3/3

Left In: 1973.076+/-0.593 χ^2/NDF : 146156.0/8

1822.861+/-0.449 χ^2/NDF : 391986.3/14

1889.369+/-0.488 χ^2/NDF : 231808.3/12

yield_sam_15_avg_mean vs slug



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

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

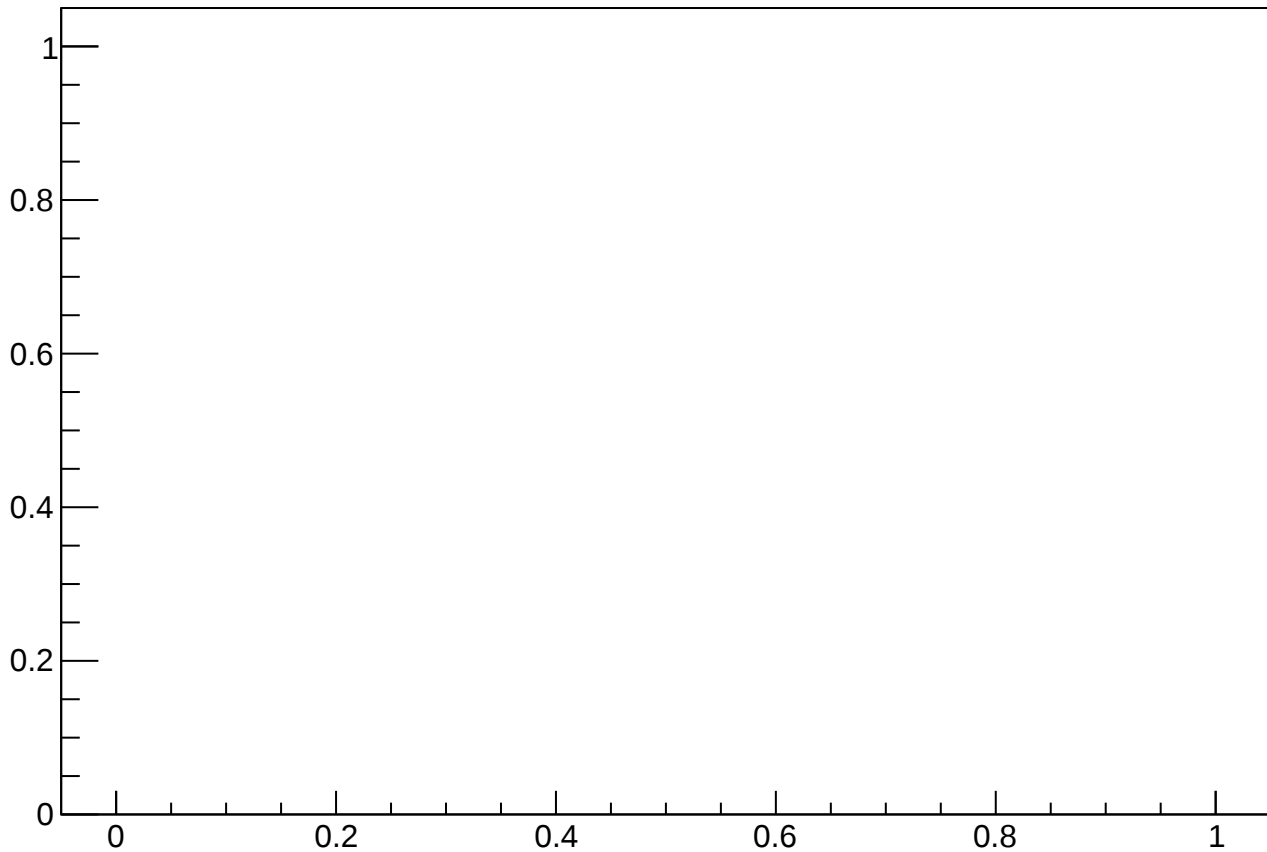
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

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

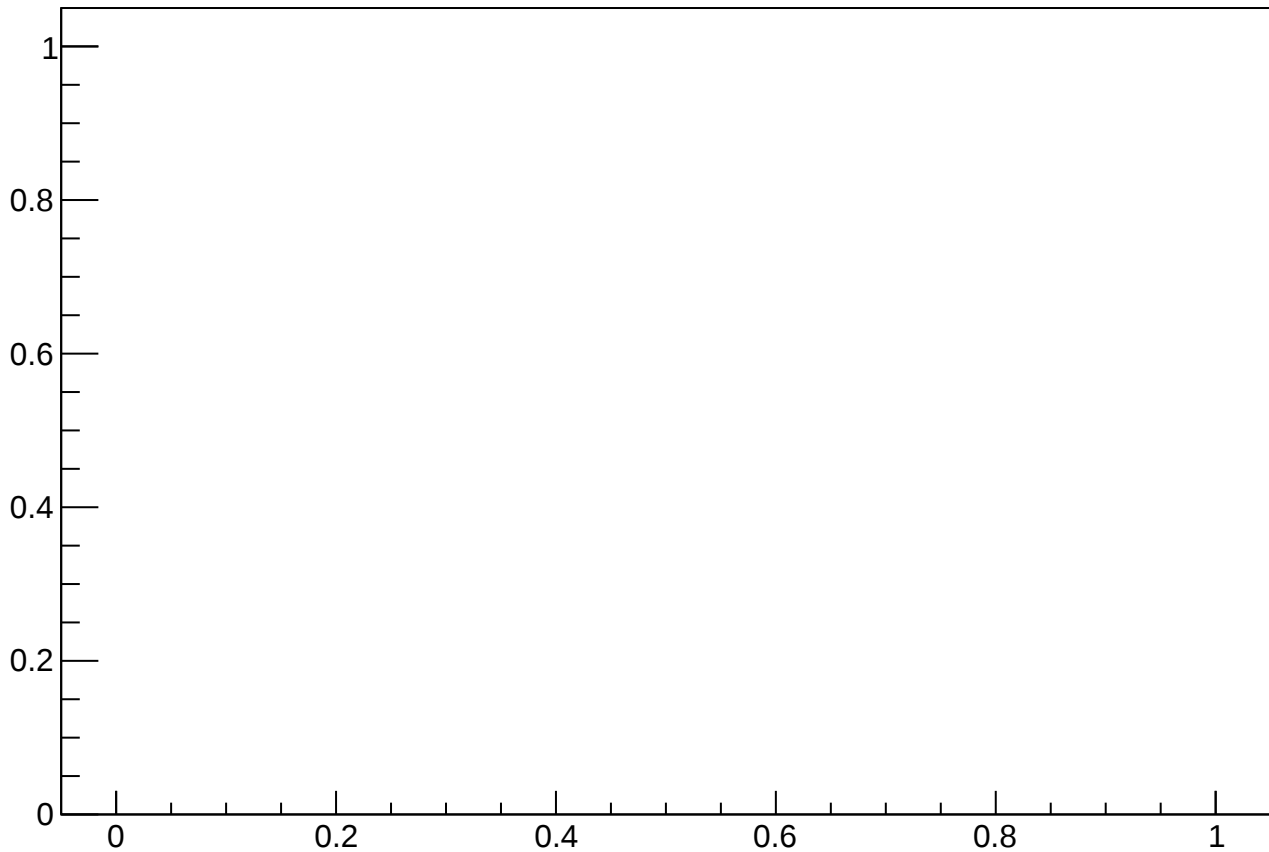
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_avg_rms vs slug



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

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

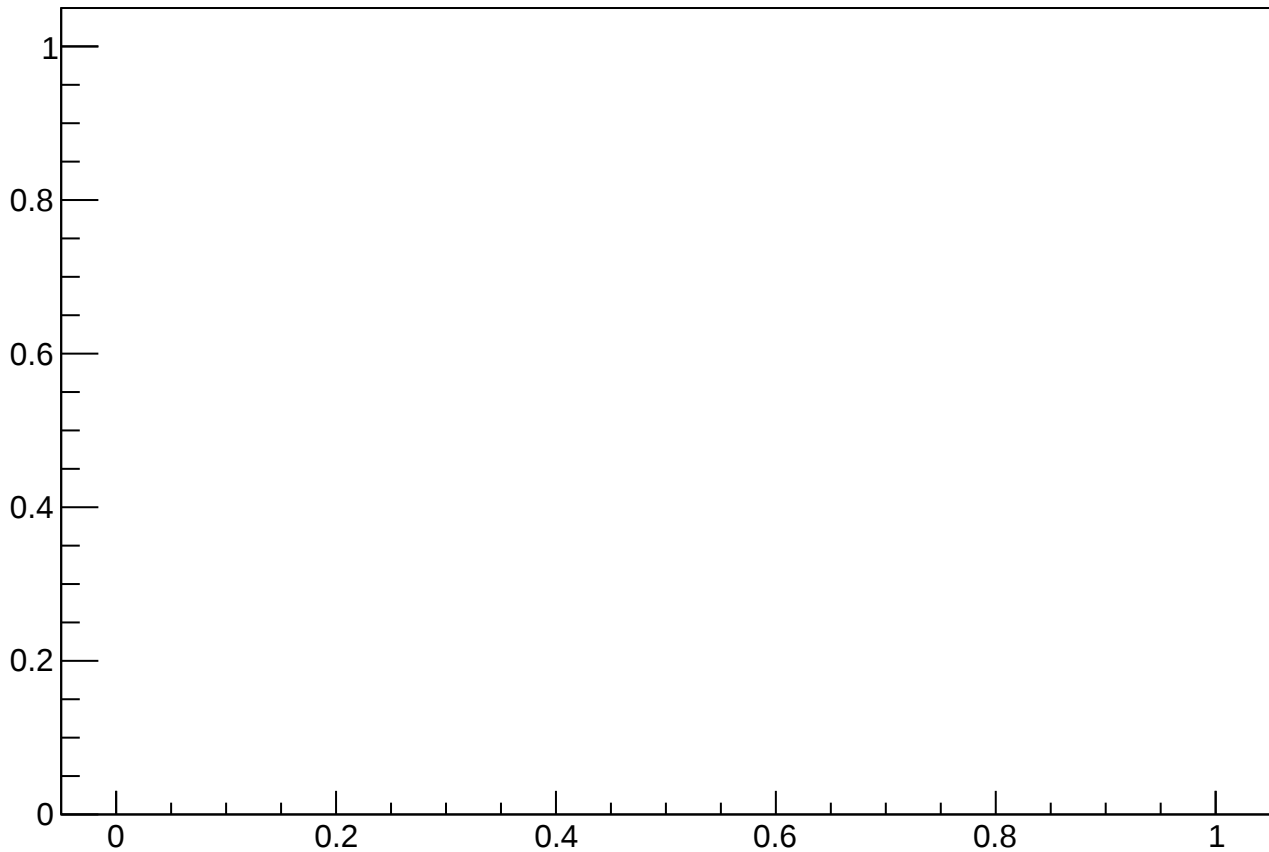
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_mean vs slug



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

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

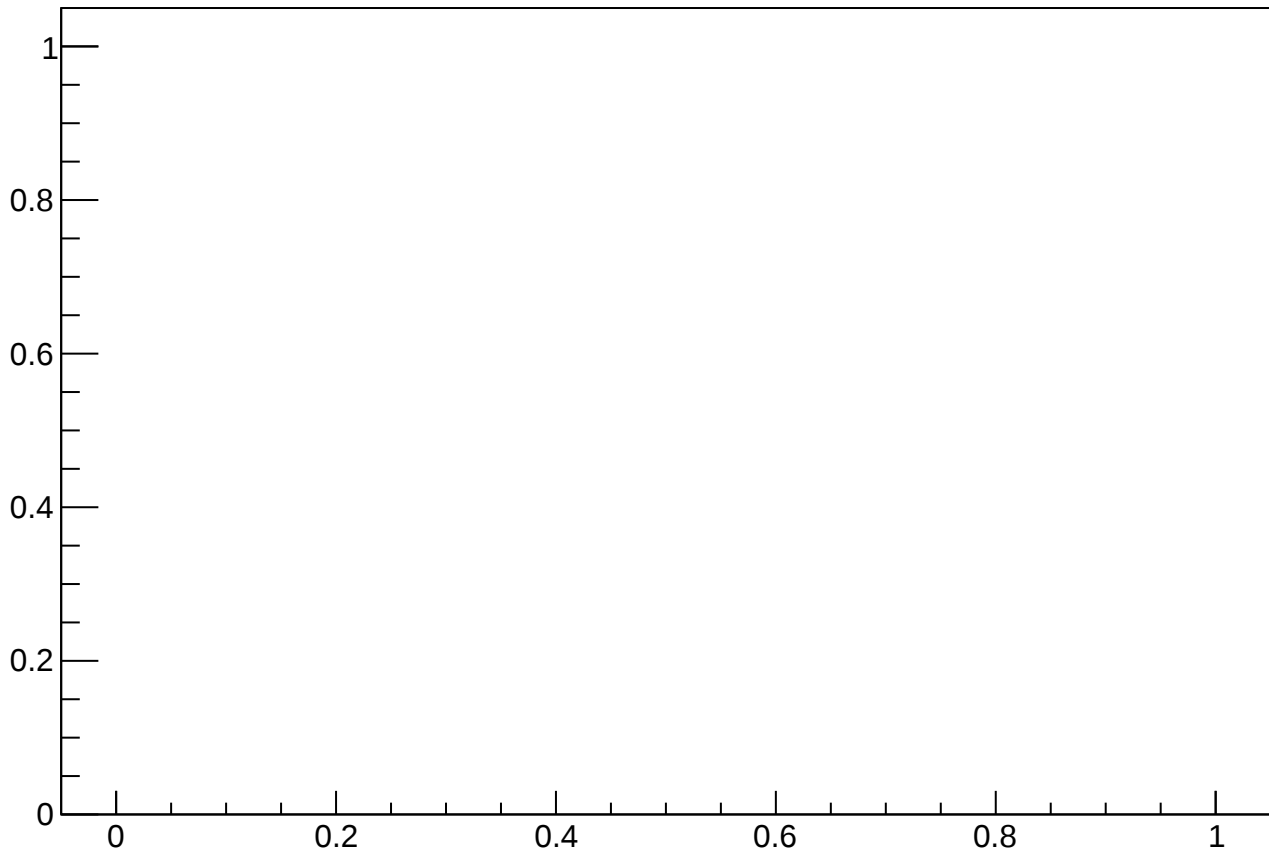
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_avg_rms vs slug



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

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

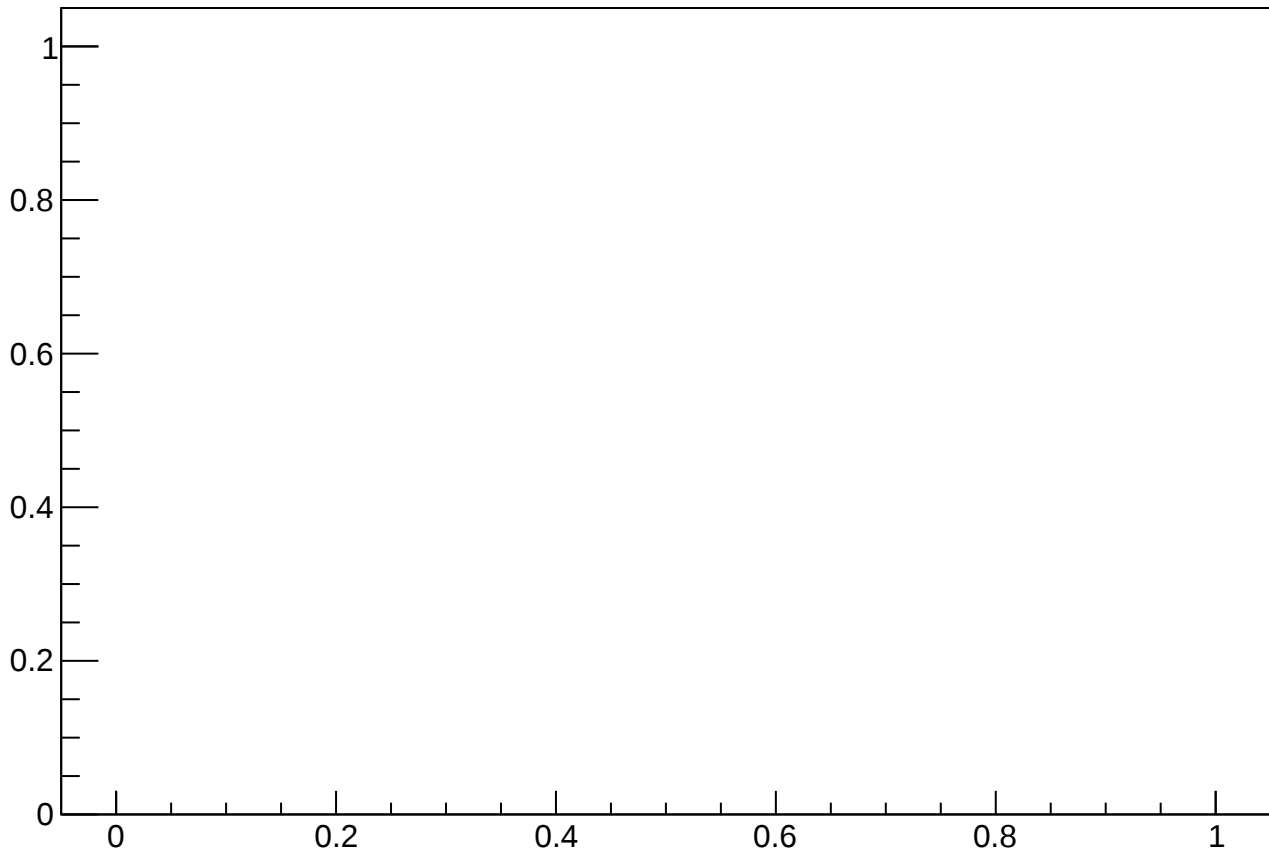
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_avg_rms vs slug



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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_15_avg_mean vs slug



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

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

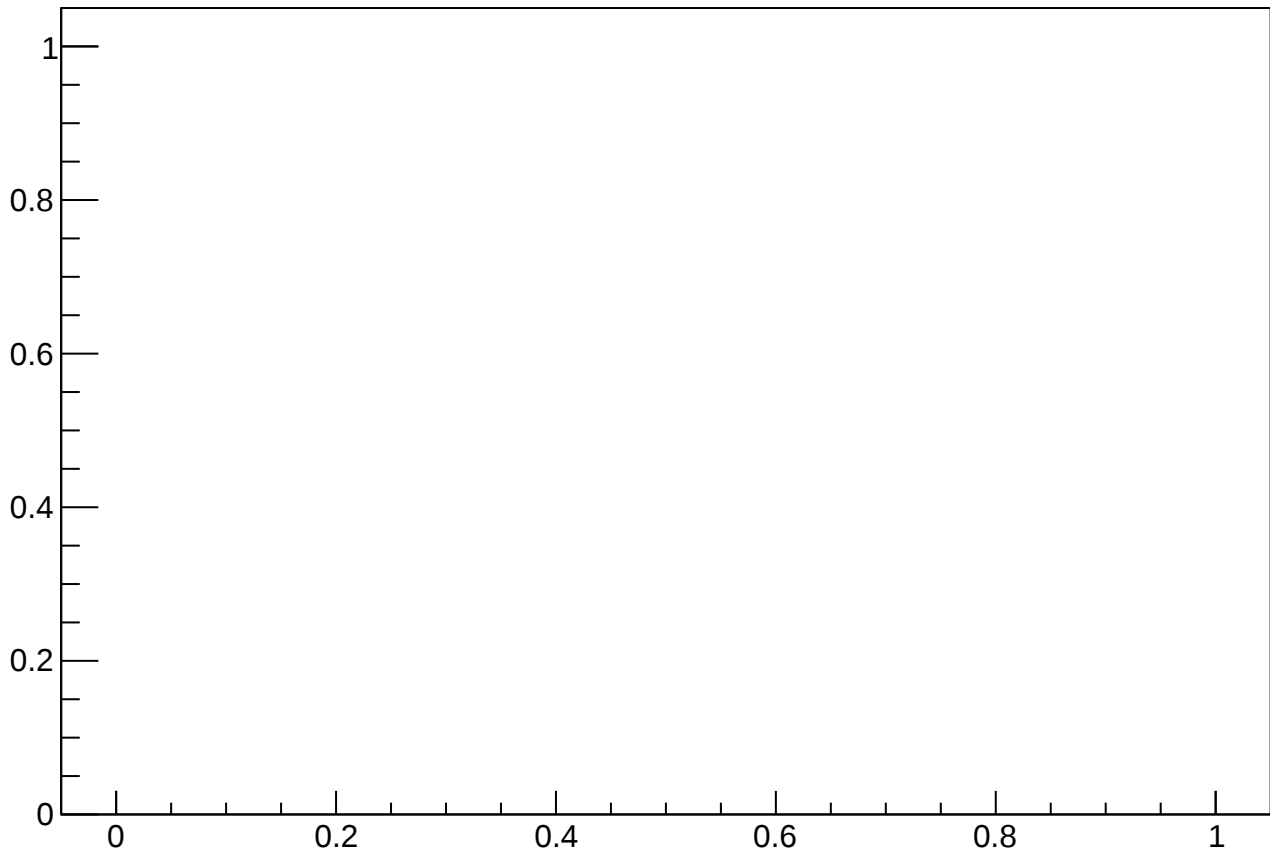
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_mean vs slug



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

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

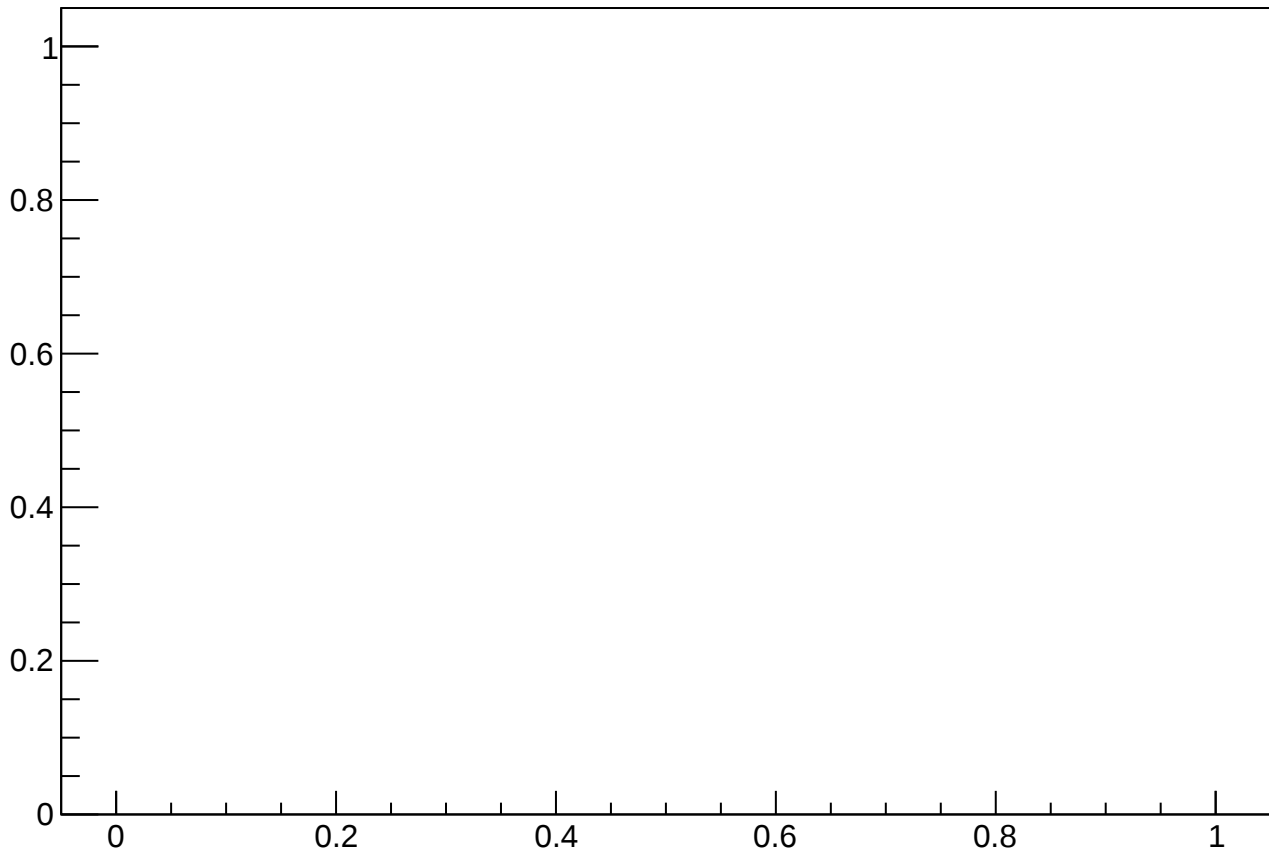
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_mean vs slug



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

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

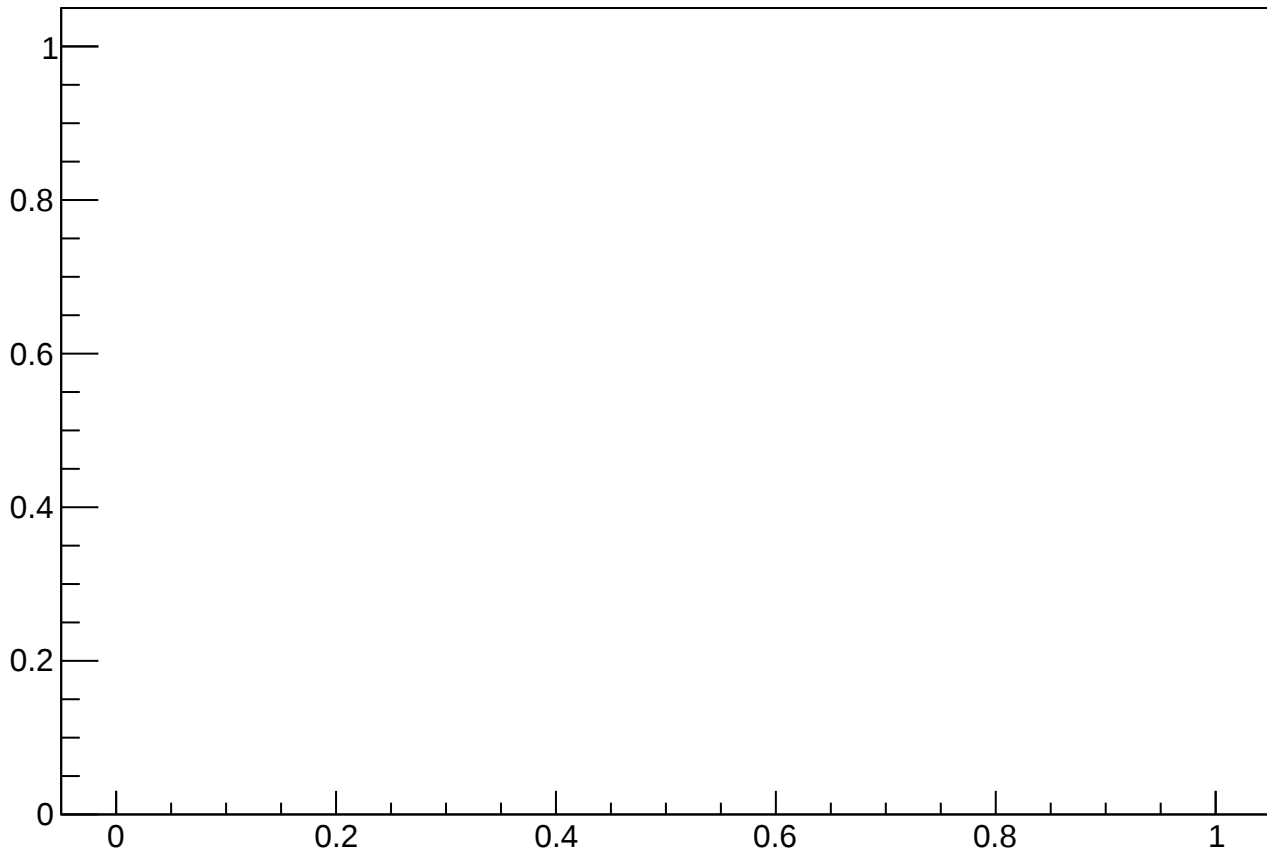
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_avg_rms vs slug



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

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

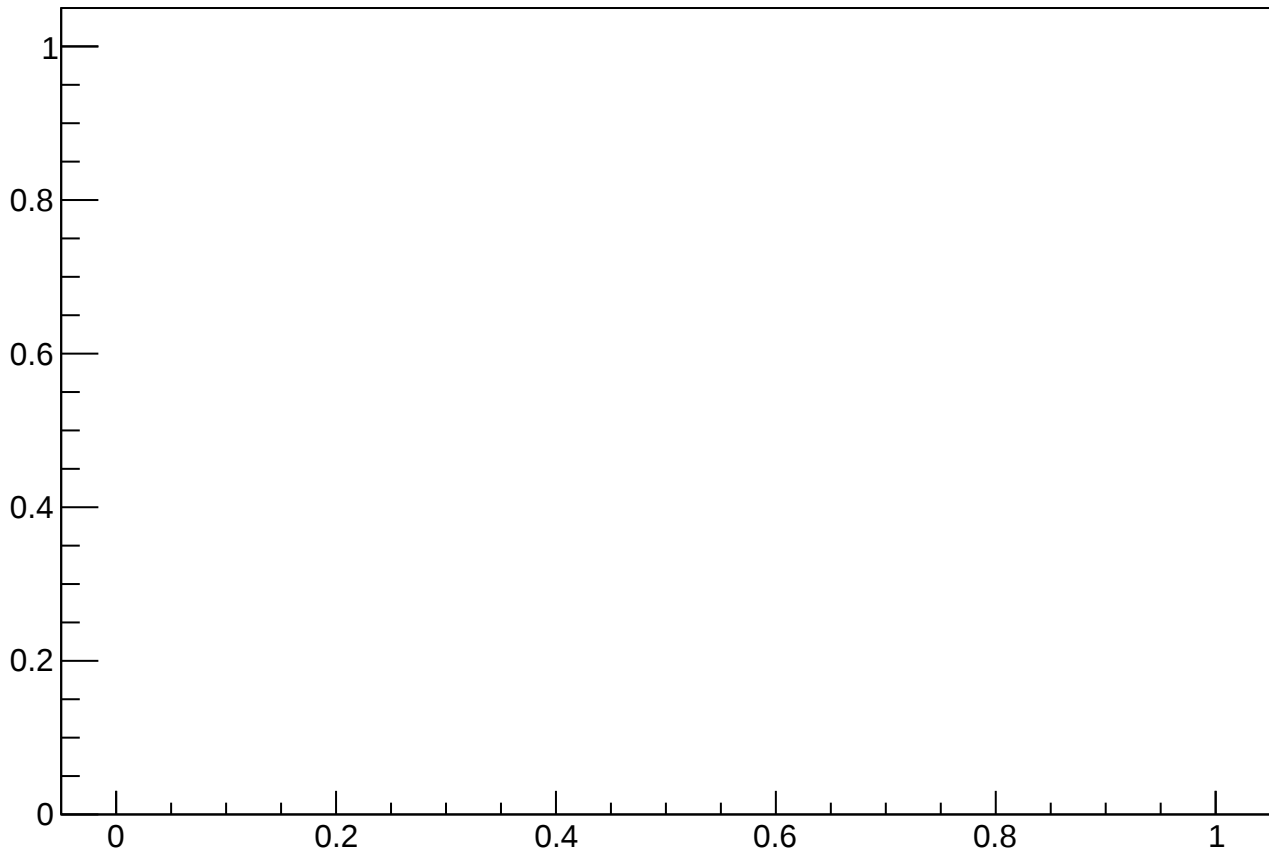
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_mean vs slug



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

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

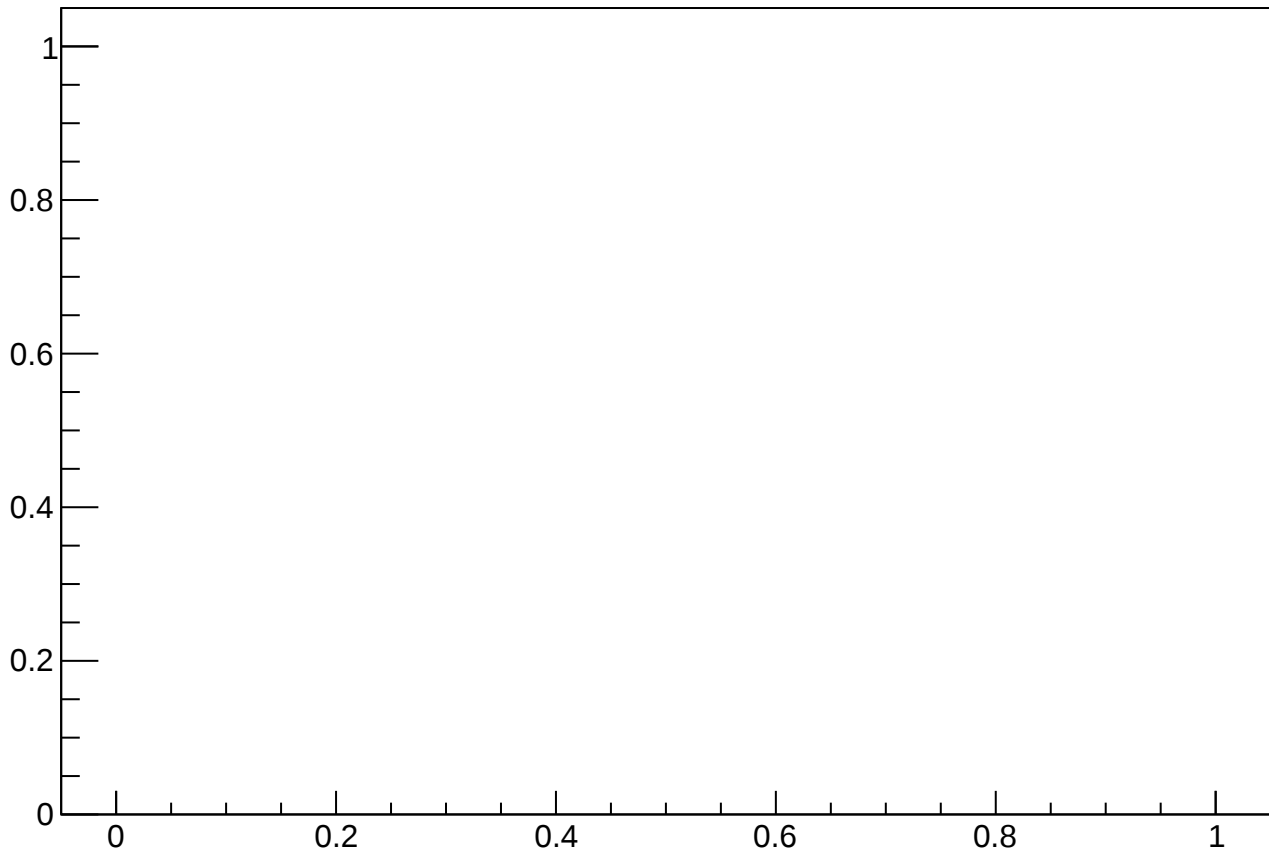
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_avg_rms vs slug



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

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

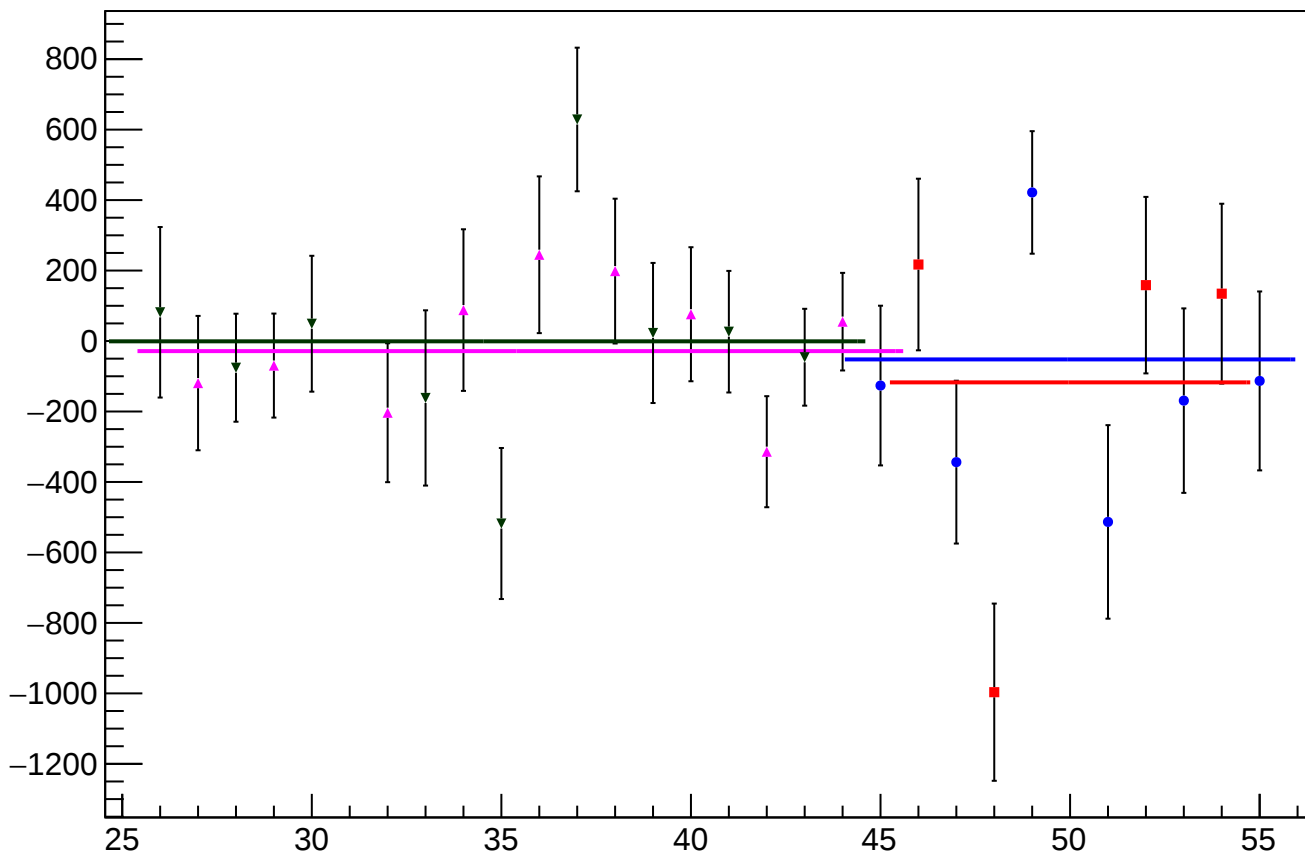
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -52.165+/-93.401 χ^2/NDF : 12.2/5

Left Out: -0.841+/-61.970 χ^2/NDF : 16.4/8

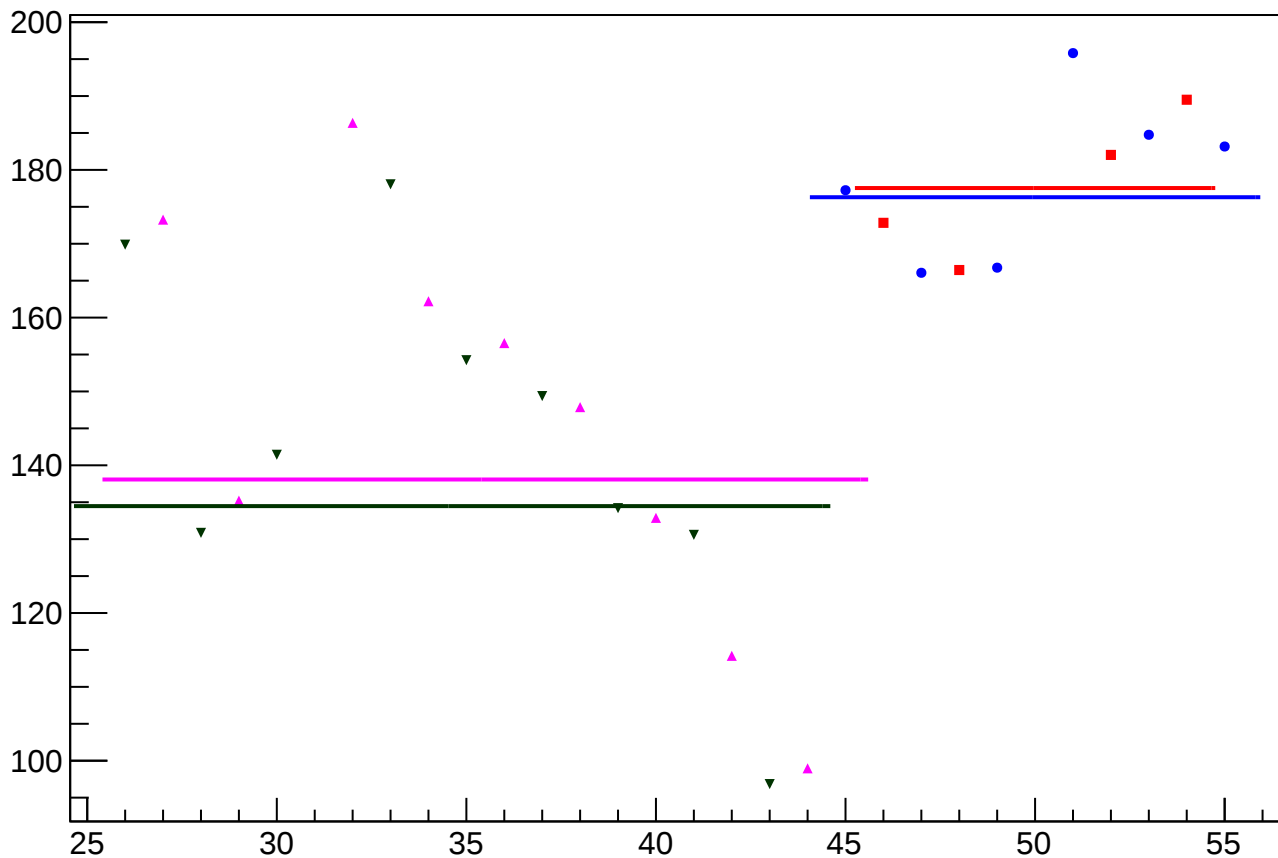
Right Out: -117.346+/-125.036 χ^2/NDF : 16.3/3

Left In: -28.630+/-59.539 χ^2/NDF : 8.0/8

-16.529+/-51.638 χ^2/NDF : 28.8/14

-45.027+/-53.756 χ^2/NDF : 24.7/12

reg_asym_sam_15_avg_rms vs slug



Right In: 176.300 ± 0.066 χ^2/NDF : 23618.6/5

Left Out: 134.474 ± 0.044 χ^2/NDF : 286634.1/8

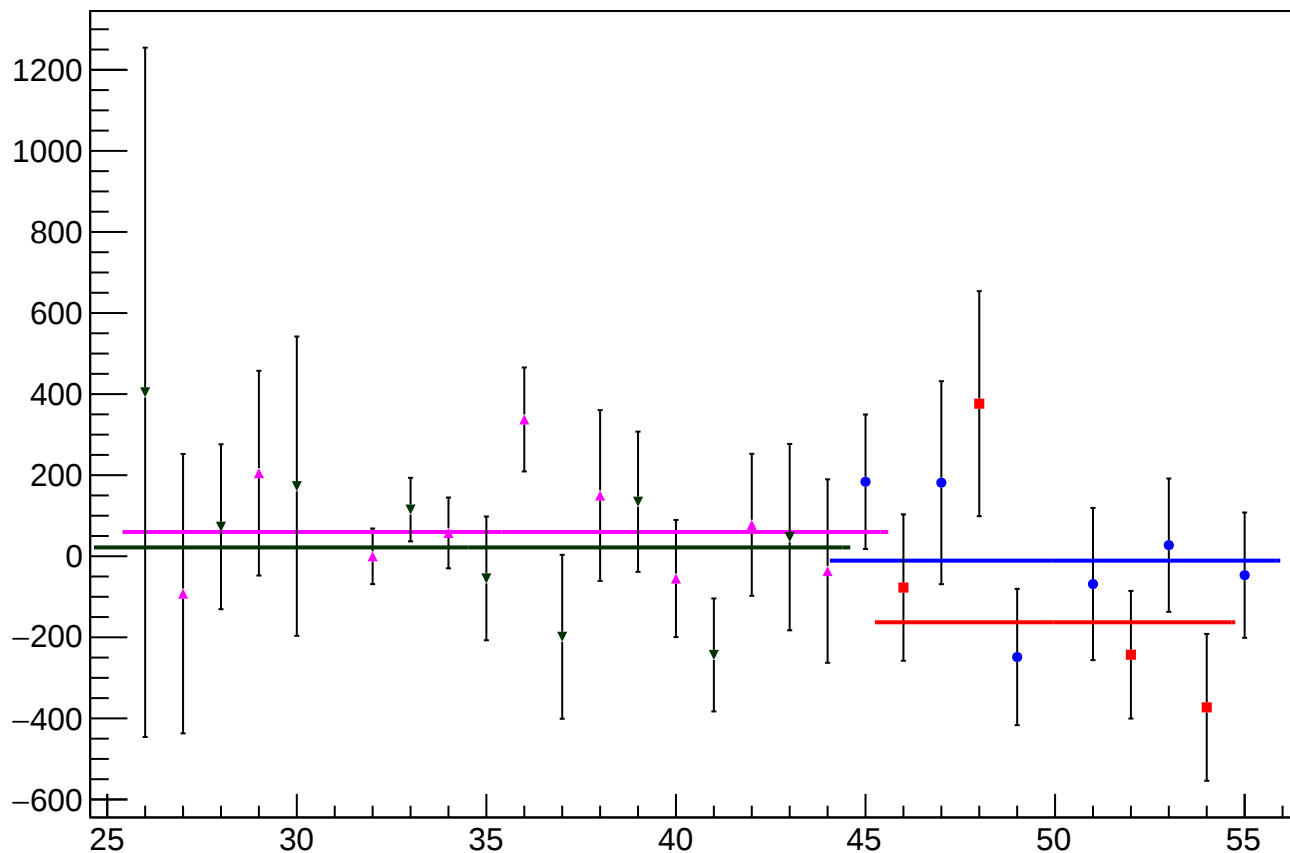
Right Out: 177.544 ± 0.088 χ^2/NDF : 9675.1/3

Left In: 138.078 ± 0.042 χ^2/NDF : 436286.0/8

147.258 ± 0.037 χ^2/NDF : 588730.3/14

145.373 ± 0.038 χ^2/NDF : 608380.4/12

asym_sam_15_avg_correction_mean vs slug



Right In: -10.845 $\pm$ 71.633 χ^2 /NDF: 4.2/5

Left Out: 21.743 $\pm$ 52.206 χ^2 /NDF: 7.4/8

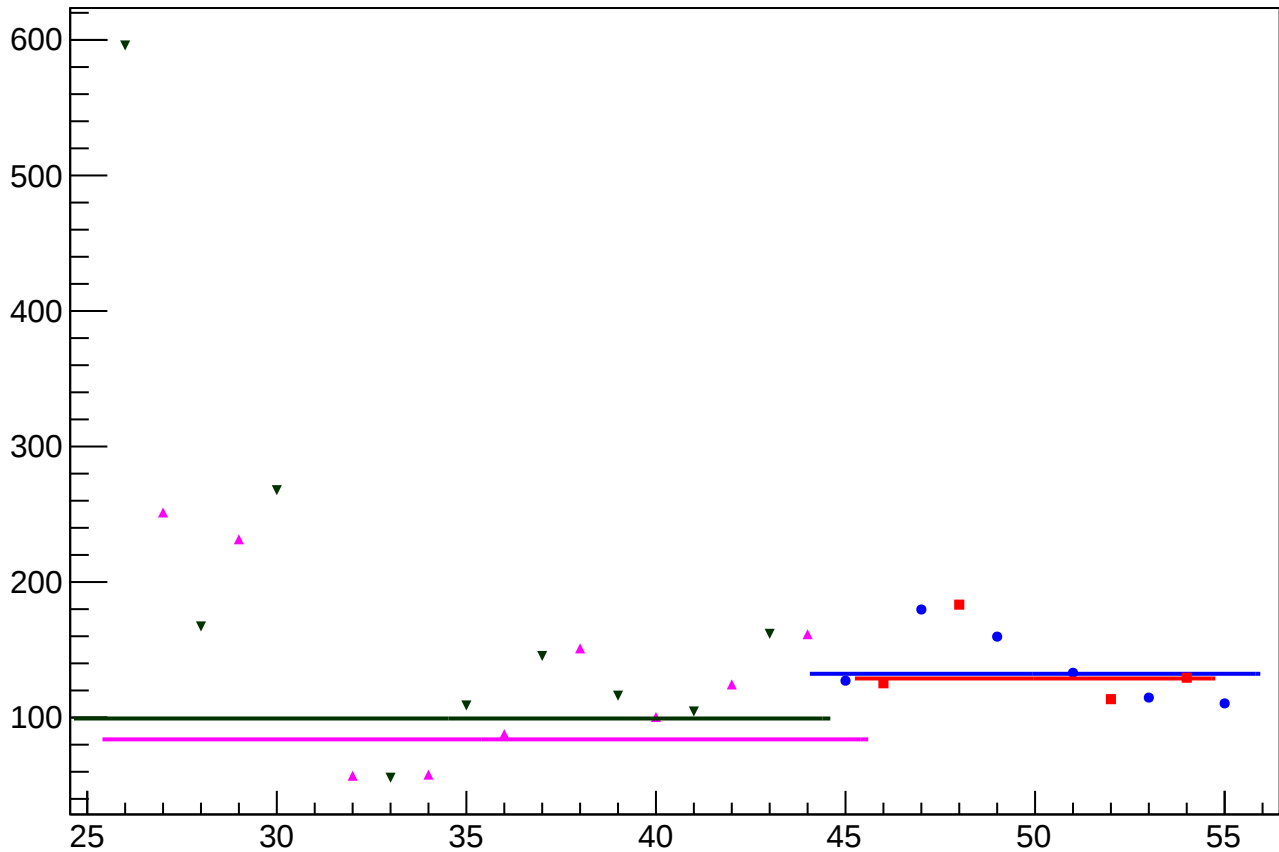
Right Out: -162.914 $\pm$ 93.466 χ^2 /NDF: 5.6/3

Left In: 59.919 $\pm$ 42.598 χ^2 /NDF: 7.0/8

10.439 $\pm$ 42.190 χ^2 /NDF: 11.7/14

21.594 $\pm$ 38.762 χ^2 /NDF: 17.3/12

asym_sam_15_avg_correction_rms vs slug



Right In: 132.304+/-0.051 χ^2/NDF : 189709.0/5

Left Out: 99.318+/-0.037 χ^2/NDF :2224371.1/8

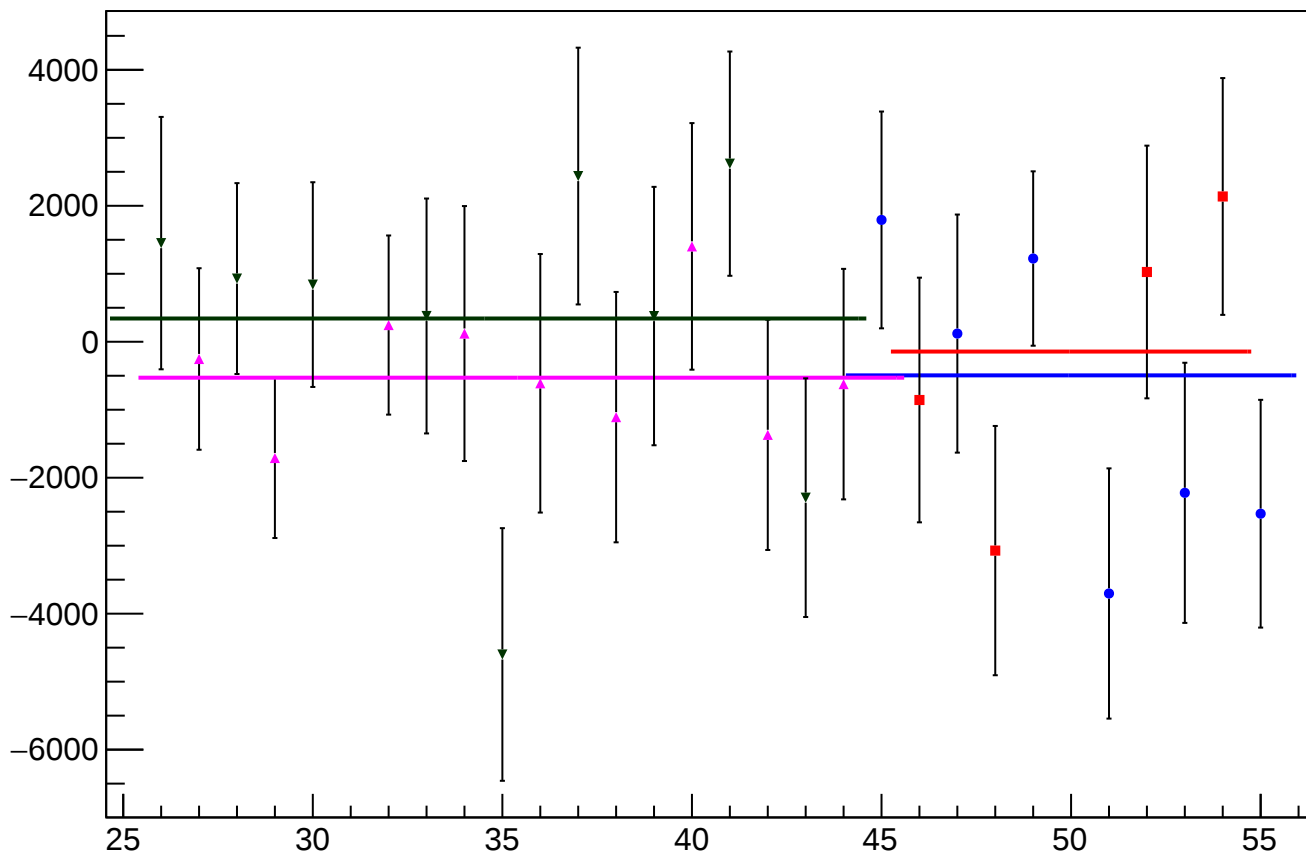
Right Out: 128.848+/-0.066 χ^2/NDF : 96574.0/3

Left In: 83.913+/-0.030 χ^2/NDF :2212587.0/8

110.761+/-0.030 χ^2/NDF : 2691069.1/14

91.641+/-0.027 χ^2/NDF : 2691935.2/12

reg_asym_sam_26_avg_mean vs slug



Right In: -494.518 ± 666.381 χ^2/NDF : 9.3/5

Left Out: 342.094 ± 566.846 χ^2/NDF : 13.1/8

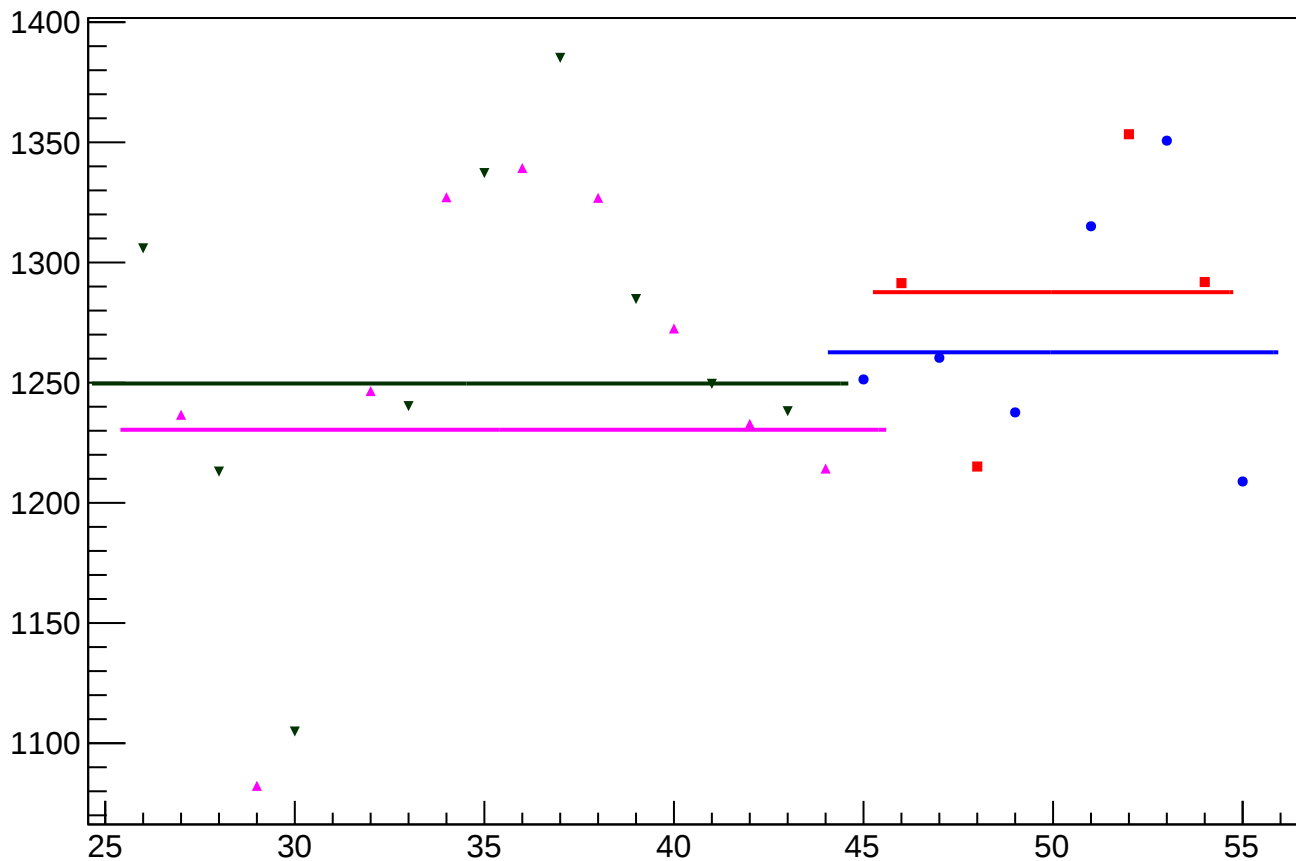
Right Out: -144.275 ± 903.397 χ^2/NDF : 4.8/3

Left In: -528.742 ± 518.835 χ^2/NDF : 3.0/8

-9.125 ± 431.767 χ^2/NDF : 23.3/14

-433.383 ± 449.915 χ^2/NDF : 8.0/12

reg_asym_sam_26_avg_rms vs slug



Right In: 1262.638 ± 0.471 χ^2/NDF : 8781.9/5

Left Out: 1249.652 ± 0.401 χ^2/NDF : 37250.0/8

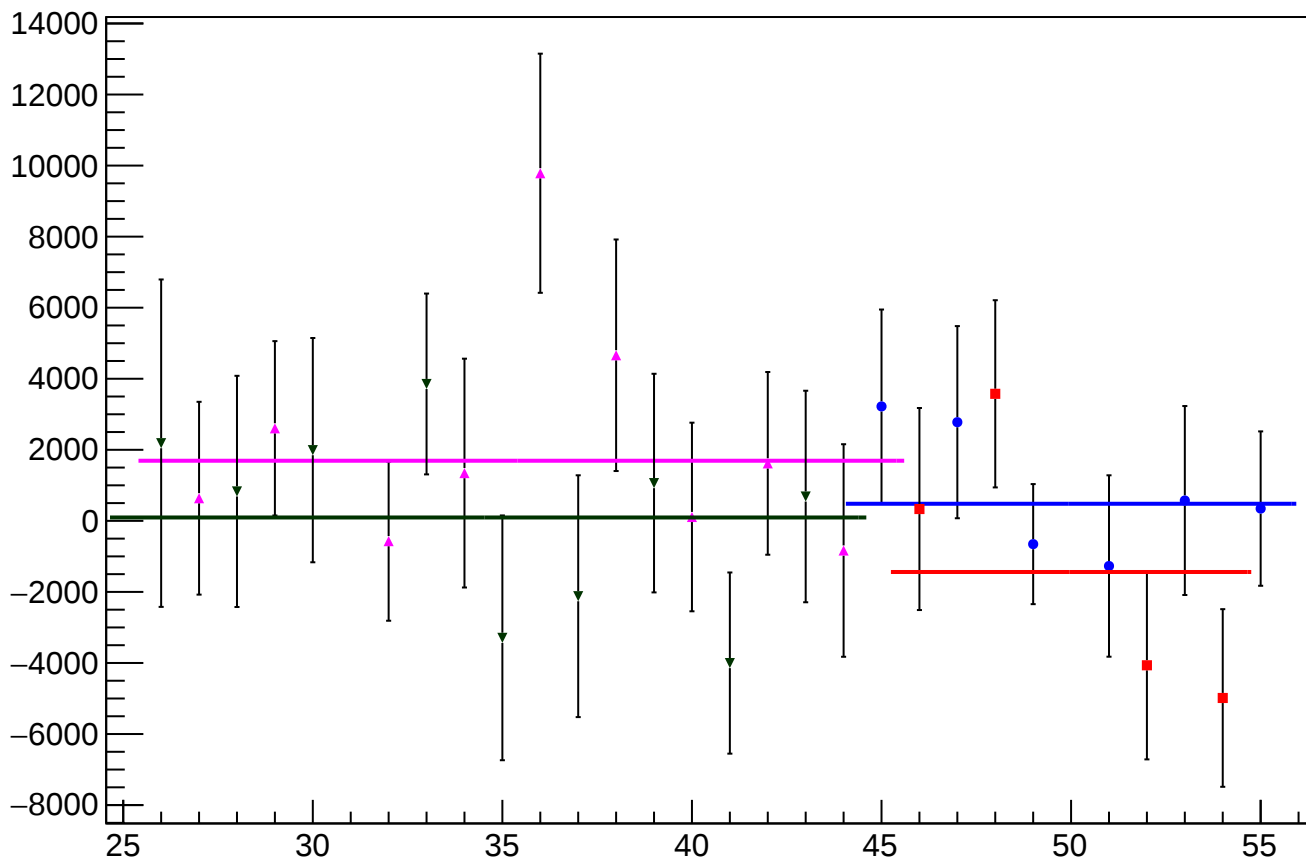
Right Out: 1287.658 ± 0.639 χ^2/NDF : 5650.6/3

Left In: 1230.414 ± 0.367 χ^2/NDF : 50656.3/8

1255.104 ± 0.305 χ^2/NDF : 46472.6/14

1244.612 ± 0.318 χ^2/NDF : 62345.5/12

asym_sam_26_avg_correction_mean vs slug



Right In: 481.301 $\pm$ 941.535 χ^2/NDF : 2.7/5

Left Out: 95.135 $\pm$ 1031.834 χ^2/NDF : 6.9/8

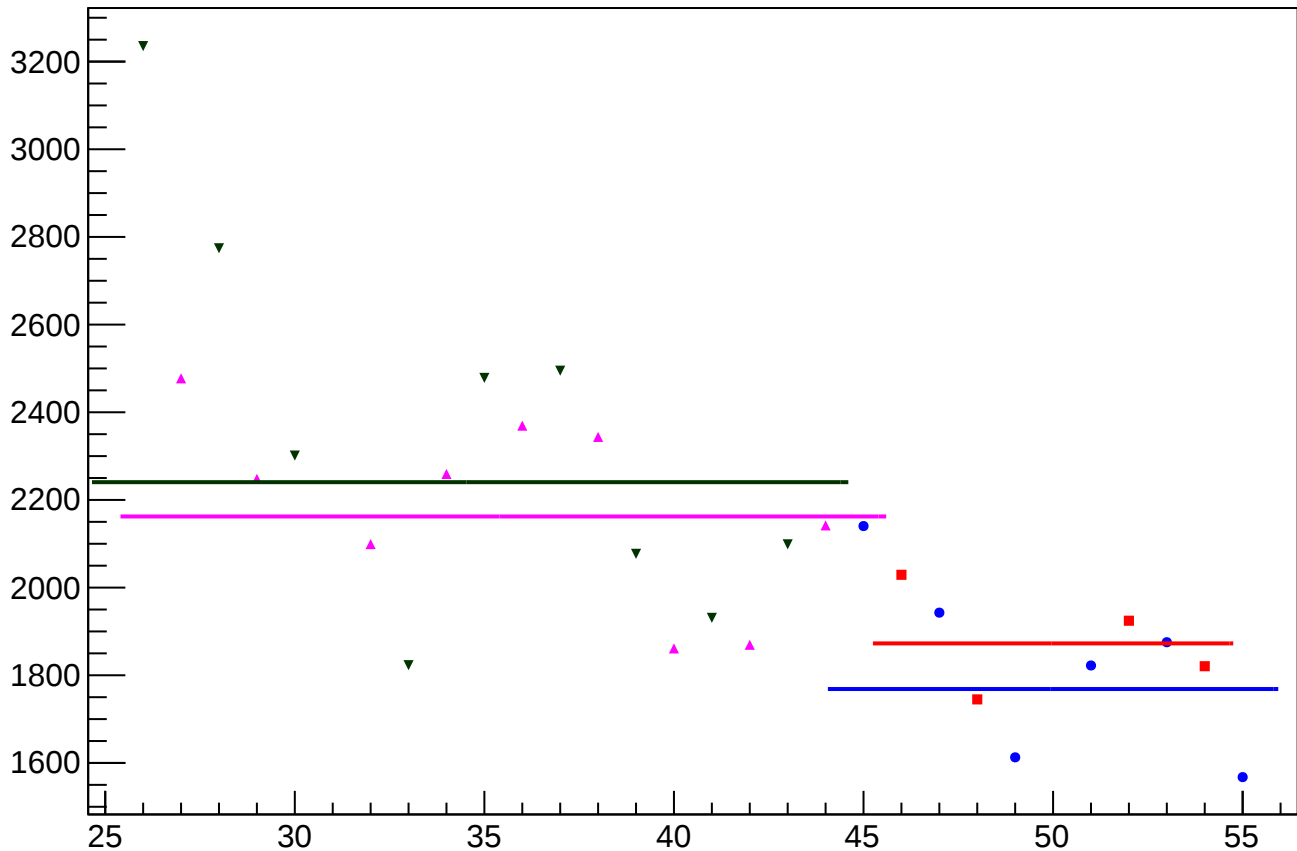
Right Out: -1439.155 $\pm$ 1324.182 χ^2/NDF : 7.0/3

Left In: 1692.209 $\pm$ 918.693 χ^2/NDF : 9.0/8

305.851 $\pm$ 695.502 χ^2/NDF : 9.6/14

674.727 $\pm$ 754.821 χ^2/NDF : 19.8/12

asym_sam_26_avg_correction_rms vs slug



Right In: 1768.629+/-0.666 χ^2/NDF : 83709.1/5

Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

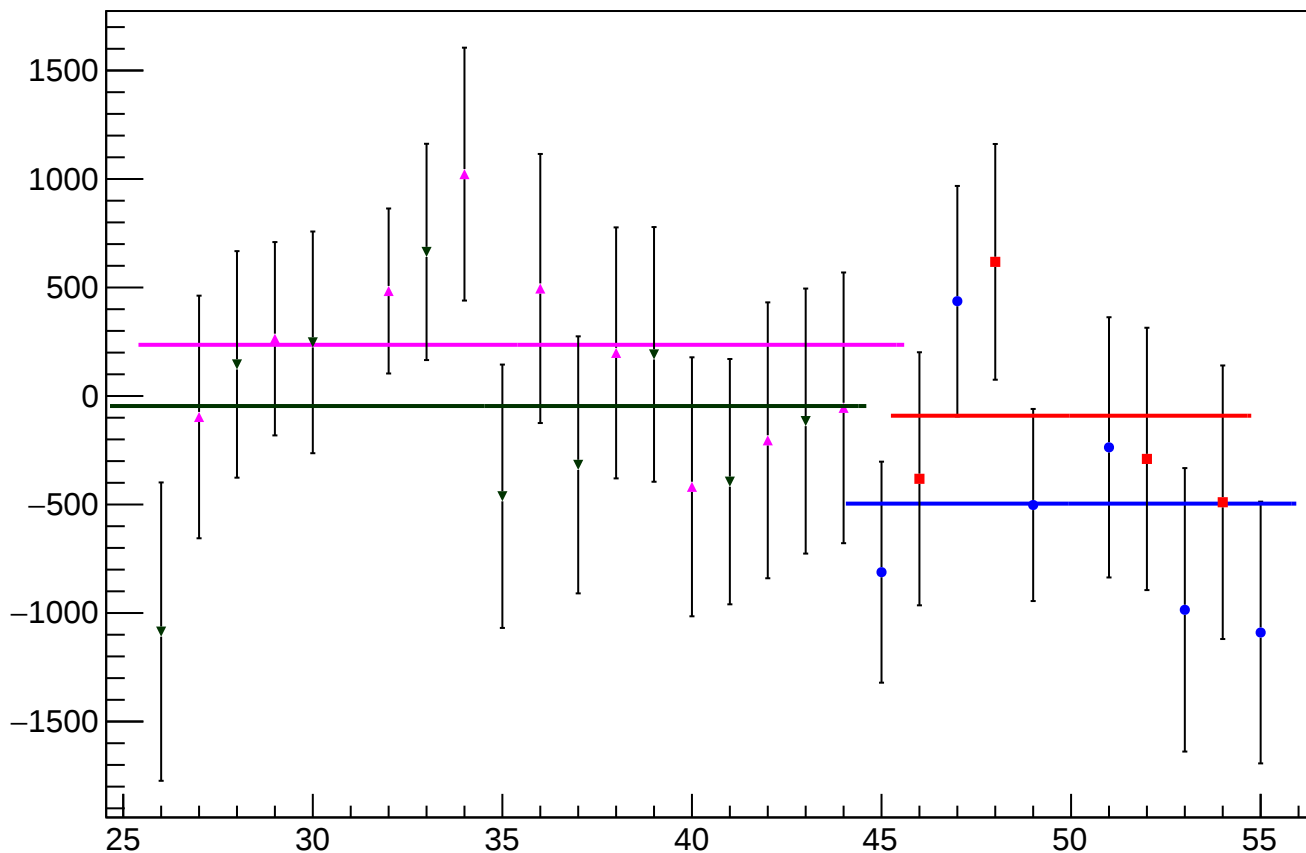
Right Out: 1872.716+/-0.936 χ^2/NDF : 12391.3/3

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

1983.030+/-0.492 χ^2/NDF : 573914.1/14

2068.184+/-0.534 χ^2/NDF : 175279.3/12

reg_asym_sam_37_avg_mean vs slug



Right In: -495.900 $\pm$ 221.492 χ^2 /NDF: 5.2/5

Left Out: -46.161 $\pm$ 189.227 χ^2 /NDF: 6.0/8

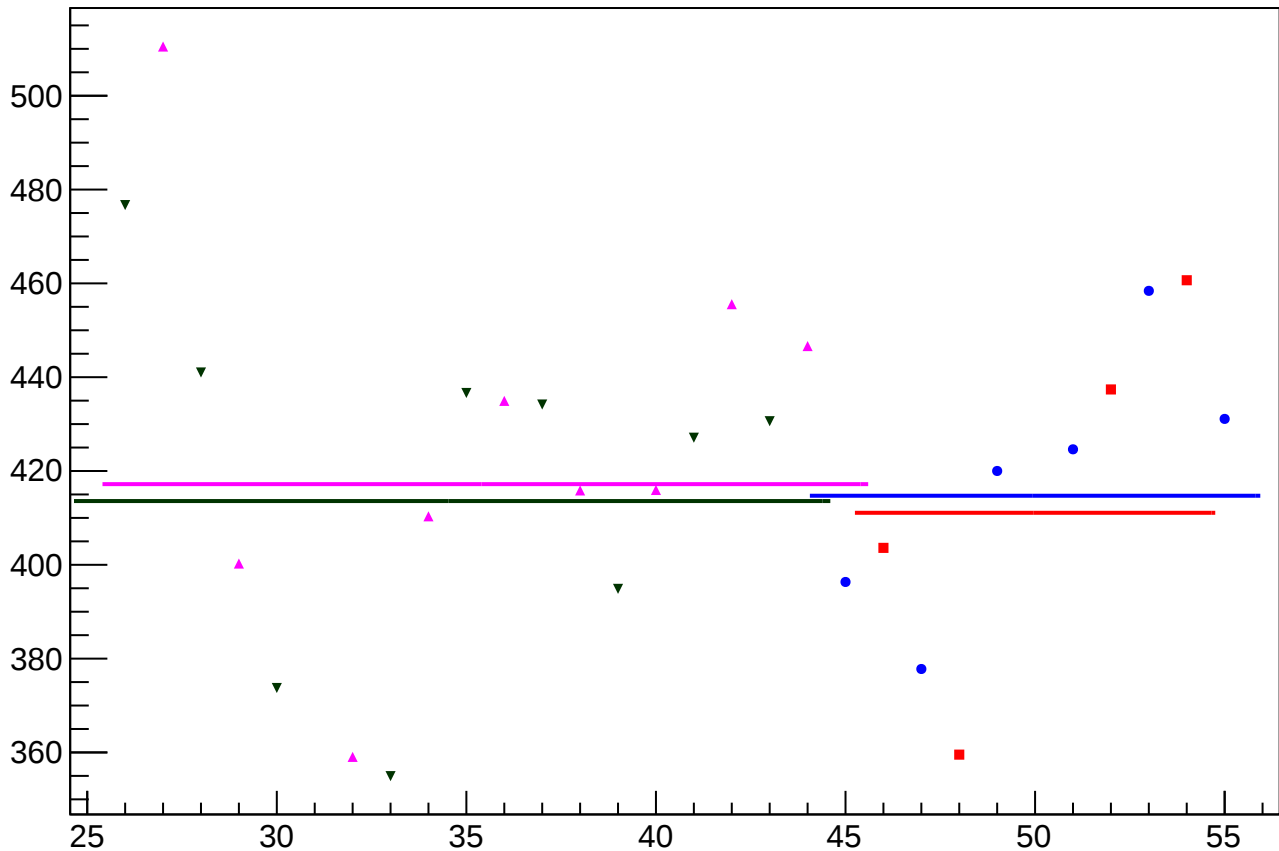
Right Out: -90.839 $\pm$ 293.795 χ^2 /NDF: 2.5/3

Left In: 235.930 $\pm$ 178.034 χ^2 /NDF: 4.7/8

-235.917 $\pm$ 143.872 χ^2 /NDF: 13.6/14

148.165 $\pm$ 152.260 χ^2 /NDF: 8.0/12

reg_asym_sam_37_avg_rms vs slug



Right In: 414.727 ± 0.157 χ^2/NDF : 23536.5/5

Left Out: 413.594 ± 0.134 χ^2/NDF : 72269.3/8

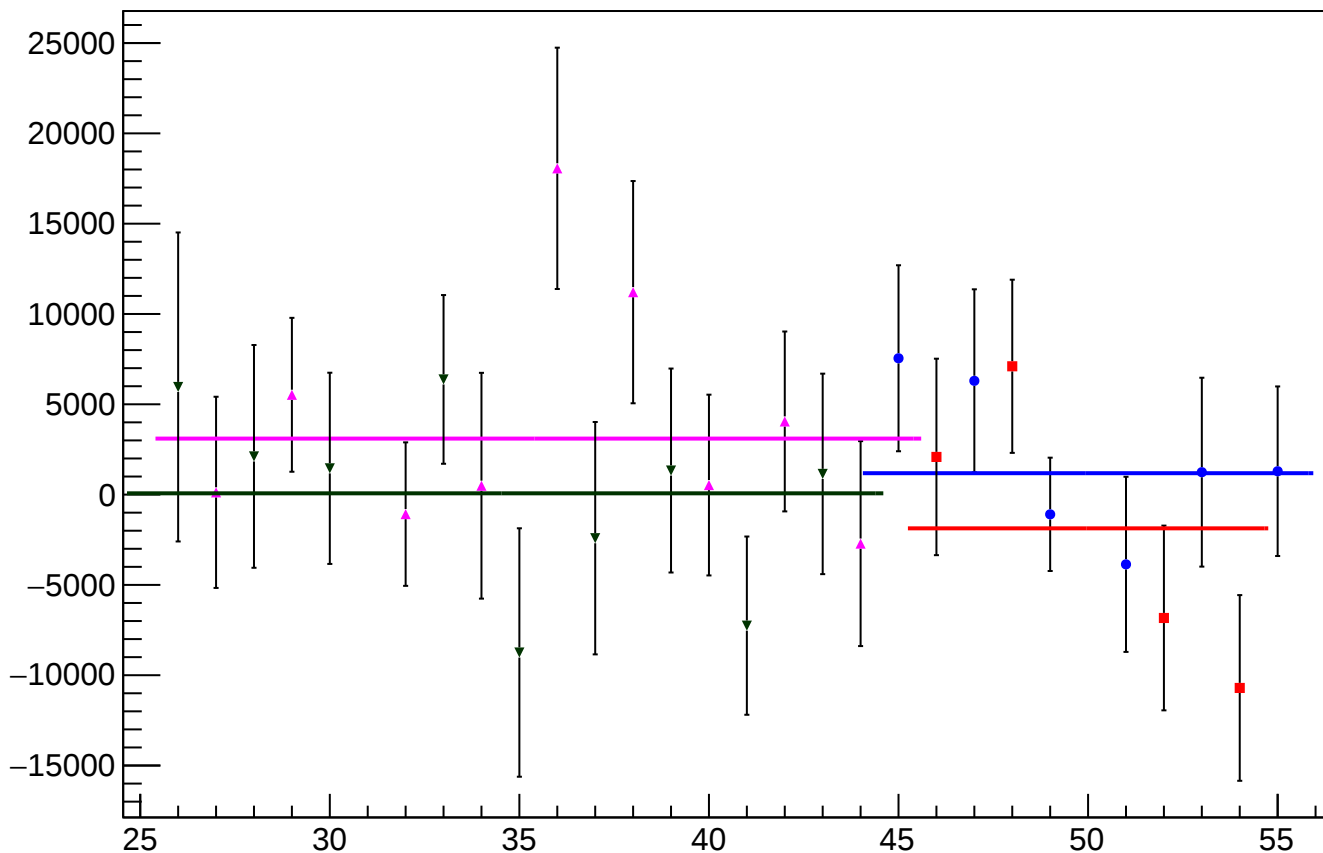
Right Out: 411.091 ± 0.208 χ^2/NDF : 34510.0/3

Left In: 417.200 ± 0.126 χ^2/NDF : 119061.3/8

414.072 ± 0.102 χ^2/NDF : 95836.0/14

415.559 ± 0.108 χ^2/NDF : 154203.8/12

asym_sam_37_avg_correction_mean vs slug



Right In: 1184.910 $\pm$ 1817.354 χ^2 /NDF: 4.2/5

Left Out: 70.645 $\pm$ 1918.480 χ^2 /NDF: 6.6/8

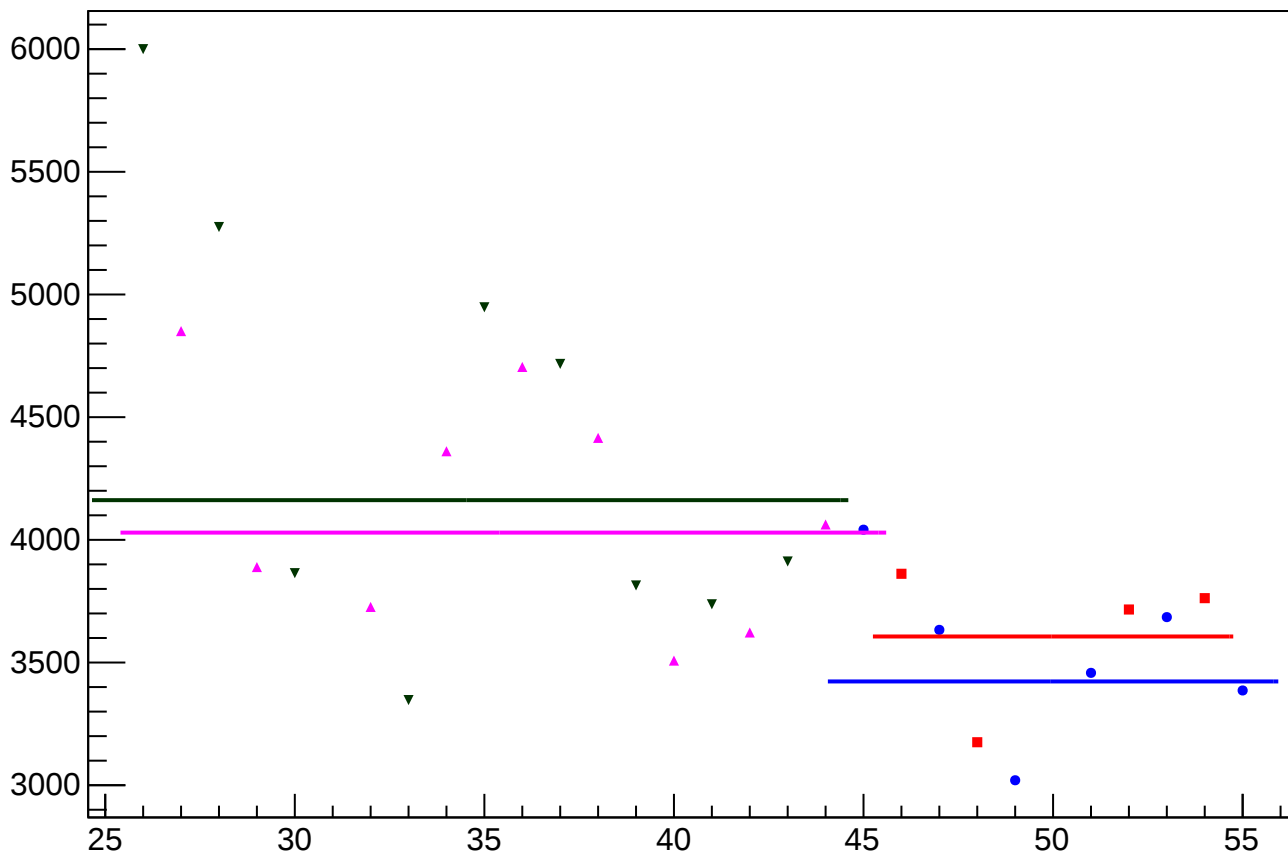
Right Out: -1868.585 $\pm$ 2553.237 χ^2 /NDF: 7.9/3

Left In: 3100.761 $\pm$ 1715.226 χ^2 /NDF: 10.0/8

657.918 $\pm$ 1319.366 χ^2 /NDF: 10.9/14

1555.492 $\pm$ 1423.782 χ^2 /NDF: 20.6/12

asym_sam_37_avg_correction_rms vs slug



Right In: 3422.911 ± 1.285 χ^2/NDF : 70521.1/5

Left Out: 4161.804 ± 1.357 χ^2/NDF : 292155.7/8

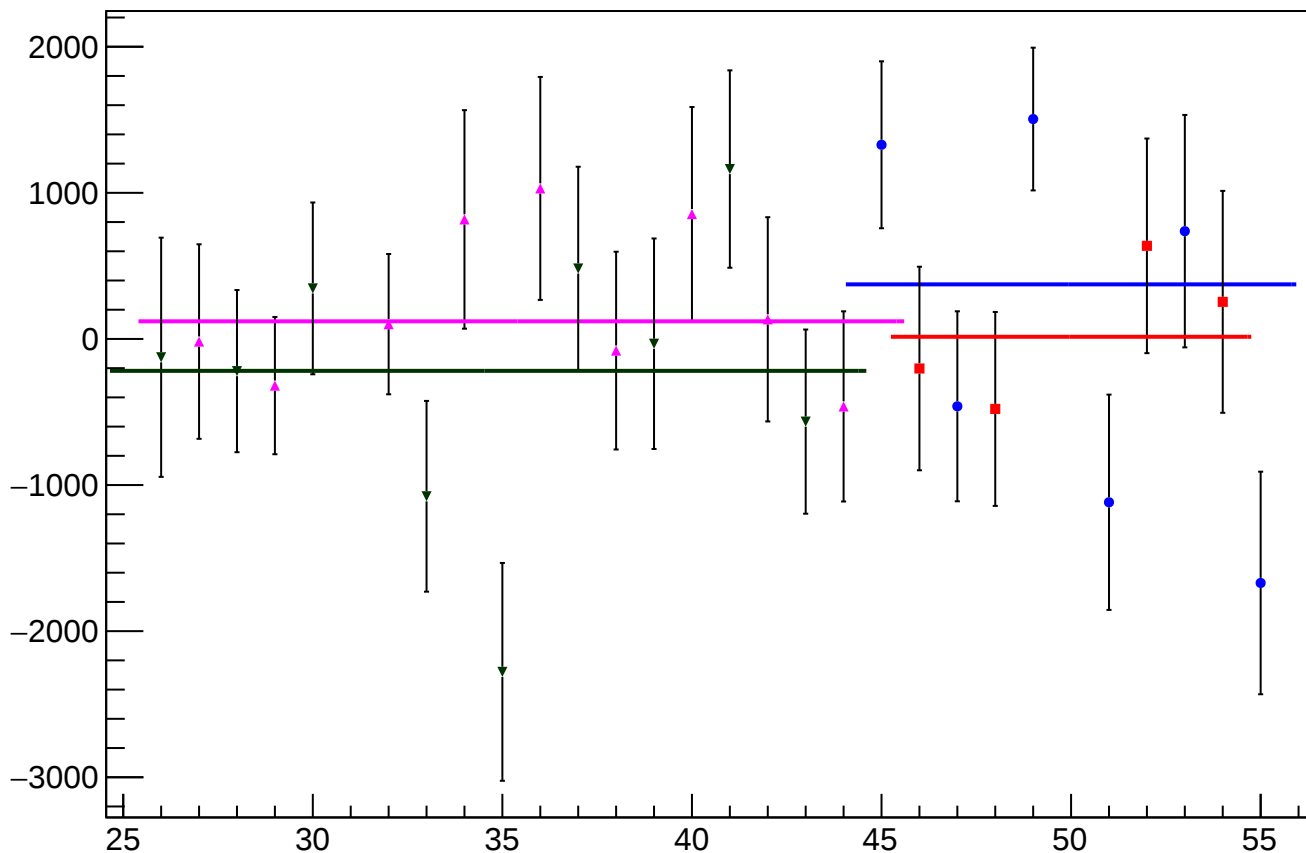
Right Out: 3606.144 ± 1.805 χ^2/NDF : 23354.6/3

Left In: 4029.509 ± 1.213 χ^2/NDF : 131051.5/8

3772.371 ± 0.933 χ^2/NDF : 519038.2/14

3897.859 ± 1.007 χ^2/NDF : 192295.9/12

reg_asym_sam_48_avg_mean vs slug



Right In: 373.559 $\pm$ 260.237 χ^2 /NDF: 21.3/5

Left Out: -218.435 $\pm$ 220.998 χ^2 /NDF:15.9/8

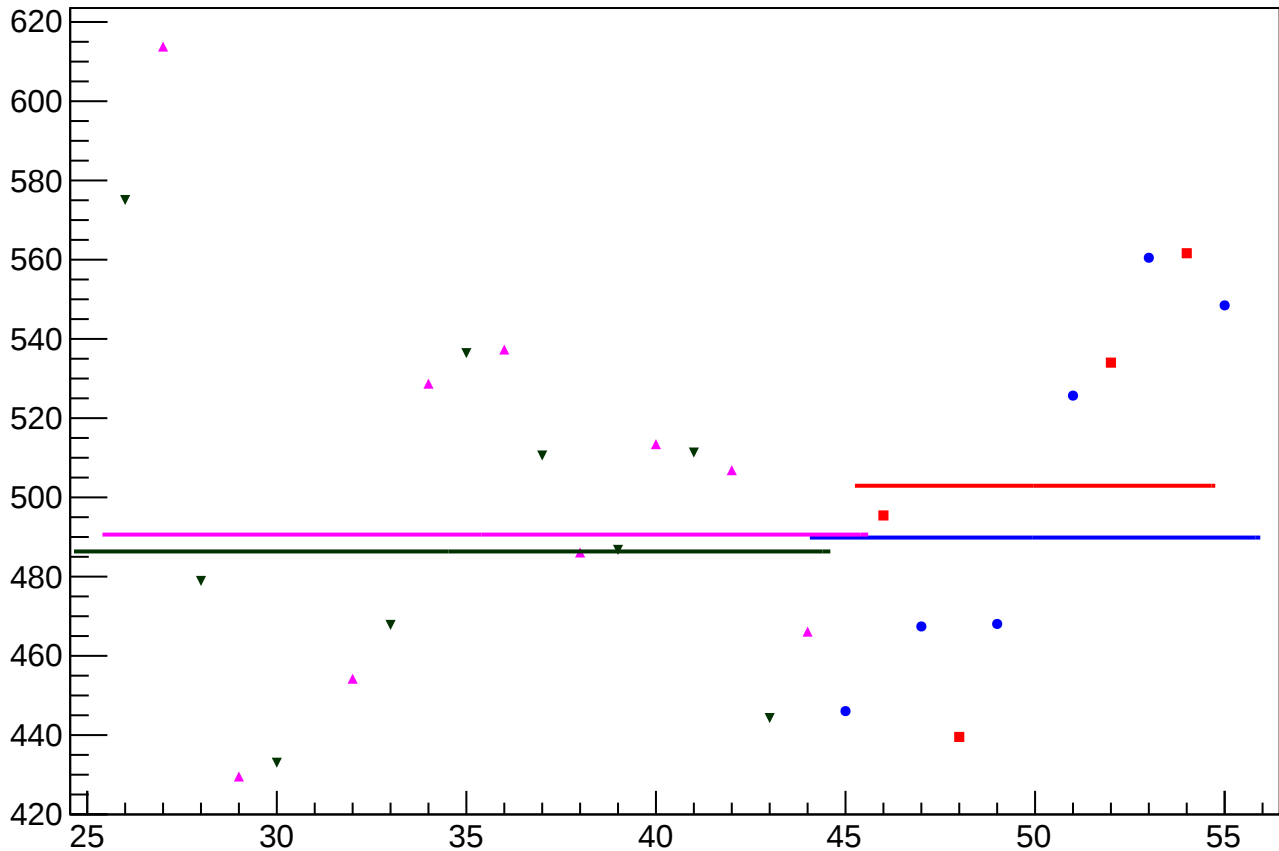
Right Out: 14.829 $\pm$ 355.386 χ^2 /NDF: 1.5/3

Left In: 120.677 $\pm$ 208.123 χ^2 /NDF:5.1/8

29.610 $\pm$ 168.452 χ^2 /NDF: 40.2/14

93.646 $\pm$ 179.593 χ^2 /NDF: 6.6/12

reg_asym_sam_48_avg_rms vs slug



Right In: 489.859+/-0.184 χ^2/NDF : 50464.2/5

Left Out: 486.351+/-0.156 χ^2/NDF : 64986.4/8

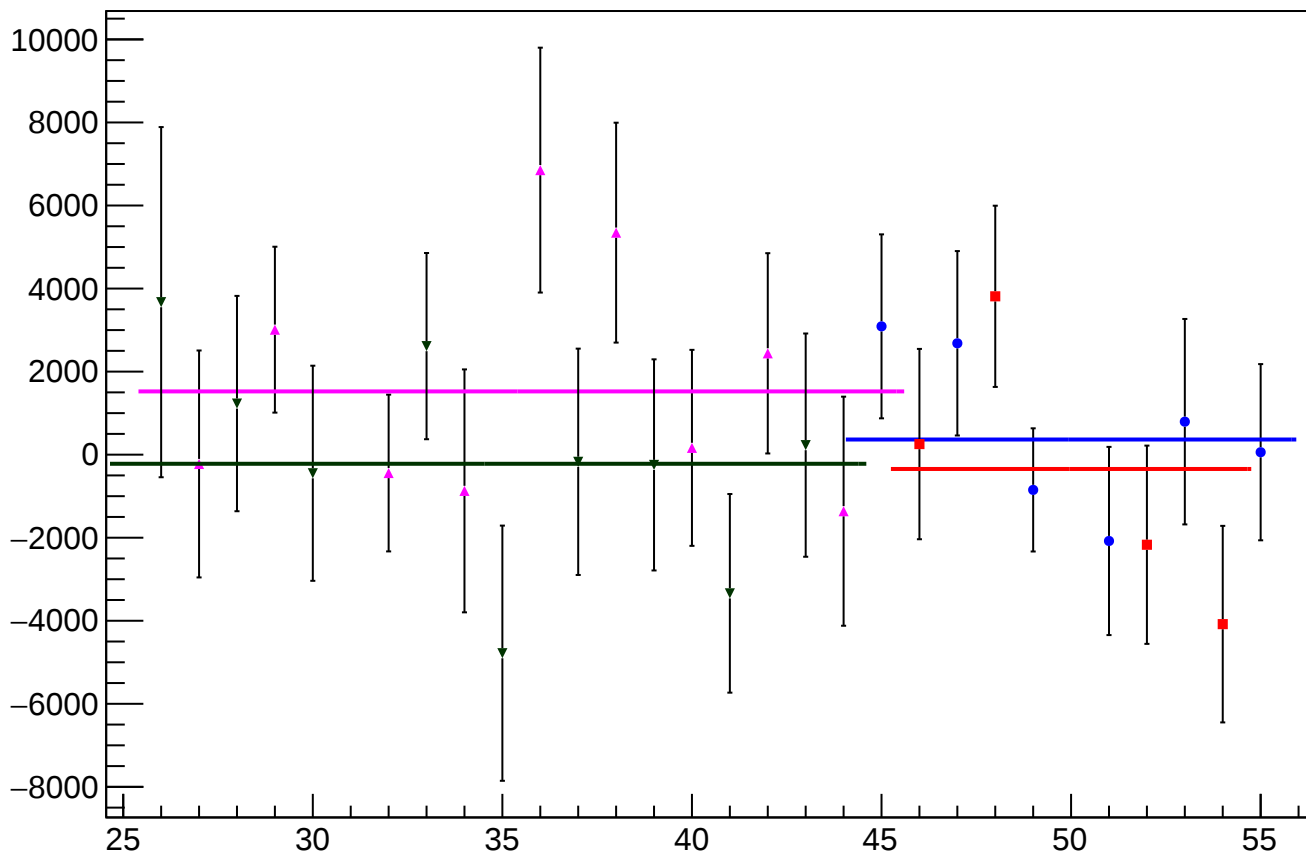
Right Out: 502.938+/-0.251 χ^2/NDF : 34008.7/3

Left In: 490.611+/-0.147 χ^2/NDF : 132414.1/8

487.821+/-0.119 χ^2/NDF : 115661.8/14

493.759+/-0.127 χ^2/NDF : 168214.3/12

asym_sam_48_avg_correction_mean vs slug



Right In: 364.772+/-832.917 χ^2/NDF : 4.5/5

Left Out: -219.615+/-890.368 χ^2/NDF : 6.7/8

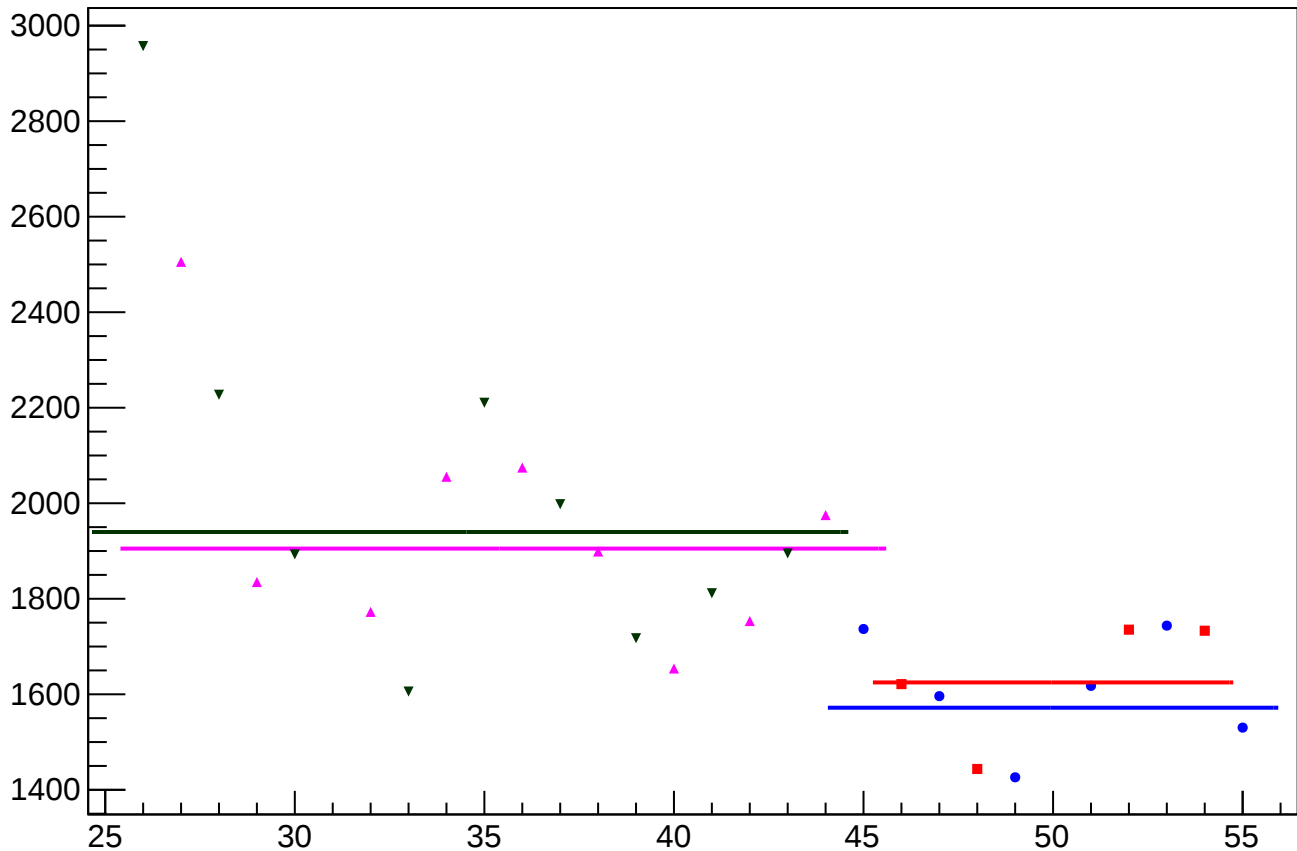
Right Out: -344.730+/-1151.344 χ^2/NDF : 6.8/3

Left In: 1523.165+/-810.399 χ^2/NDF : 9.6/8

92.039+/-608.258 χ^2/NDF : 11.4/14

904.334+/-662.697 χ^2/NDF : 18.2/12

asym_sam_48_avg_correction_rms vs slug



Right In: 1571.927+/-0.589 χ^2/NDF : 41846.2/5

Left Out: 1939.826+/-0.630 χ^2/NDF :224098.1/8

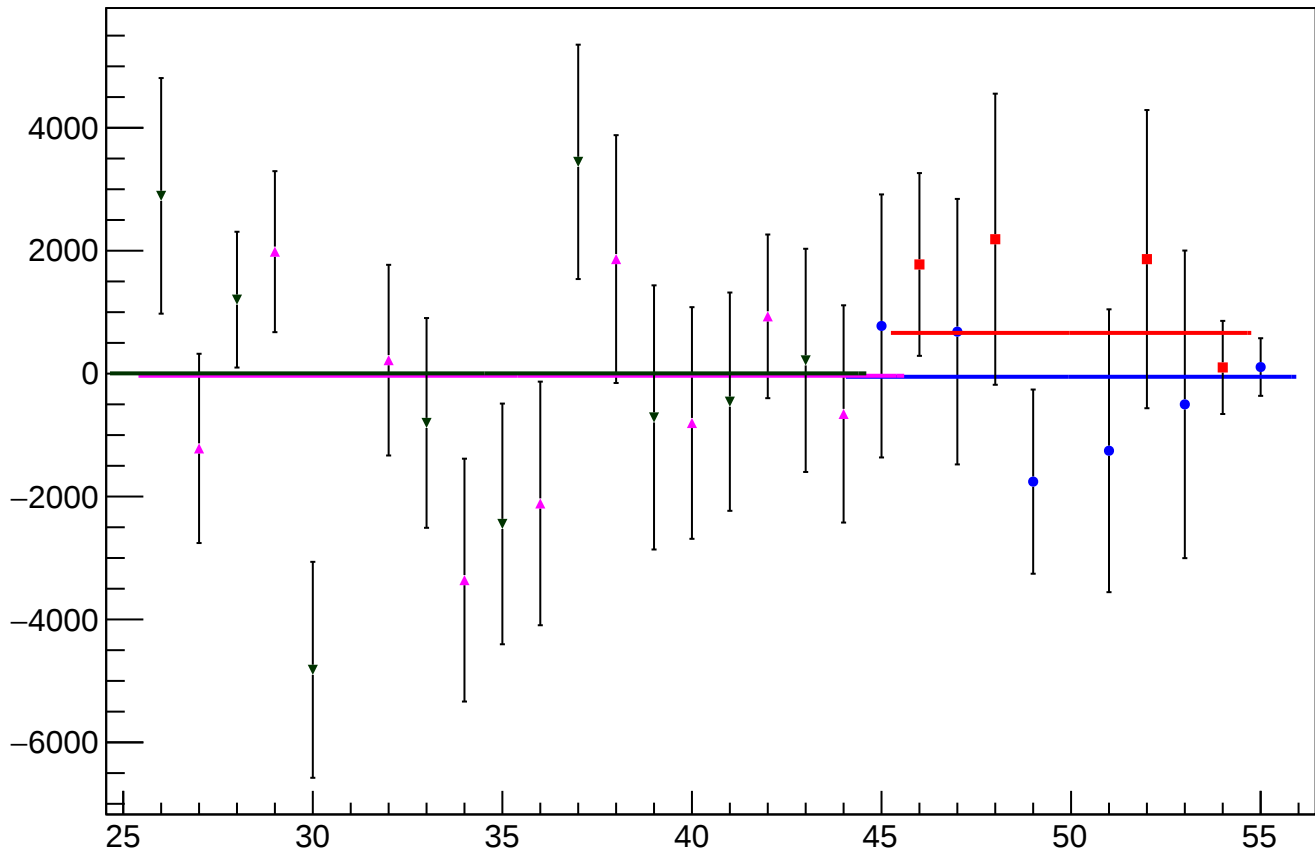
Right Out: 1624.833+/-0.814 χ^2/NDF : 22258.5/3

Left In: 1905.071+/-0.573 χ^2/NDF :152641.8/8

1743.625+/-0.430 χ^2/NDF : 448048.5/14

1812.229+/-0.469 χ^2/NDF : 254133.1/12

asym_sam_15_dd_mean vs slug



Right In: -51.253+/-416.153 χ^2/NDF : 2.0/5

Left Out: 4.096+/-565.128 χ^2/NDF :16.2/8

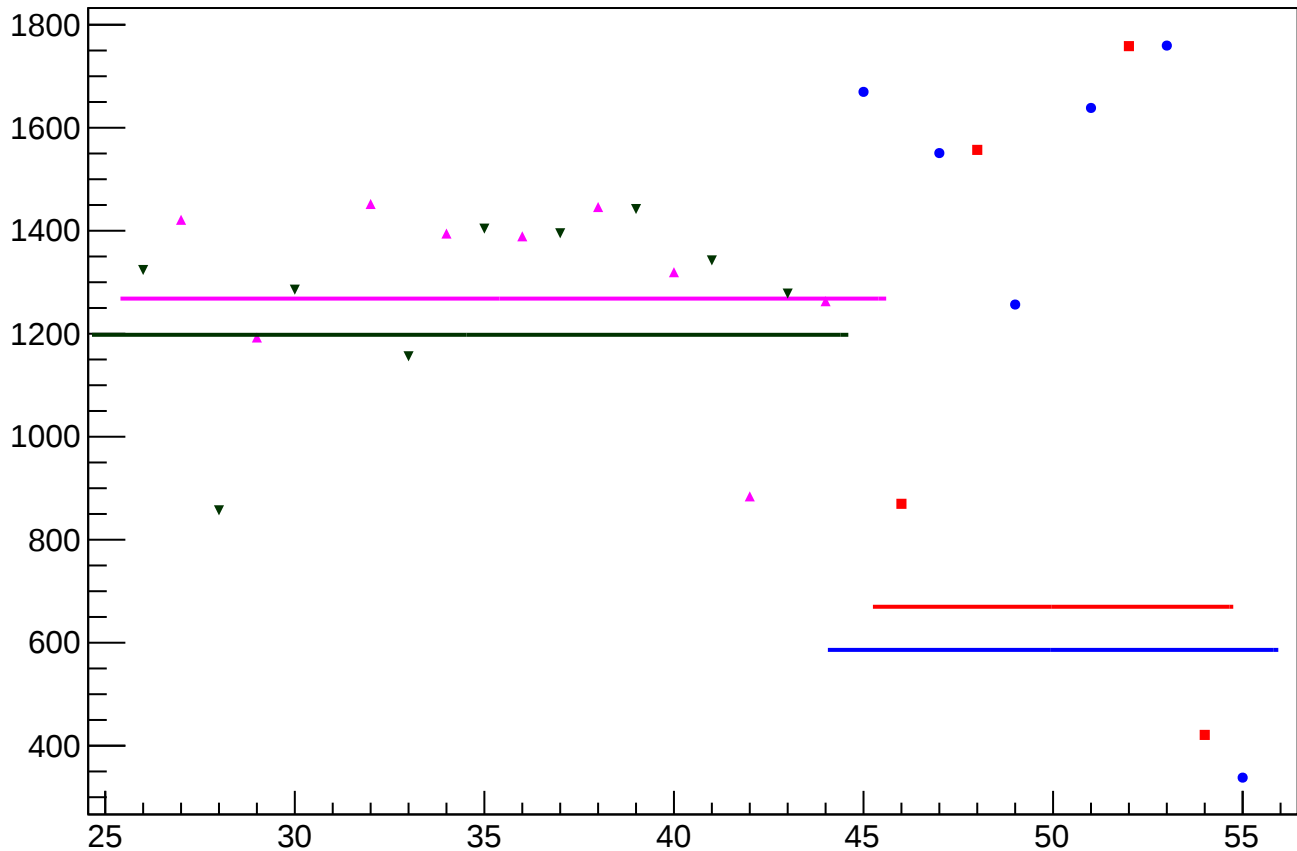
-31.792+/-335.099 χ^2/NDF : 18.2/14

Right Out: 662.661+/-627.146 χ^2/NDF : 1.8/3

266.630+/-412.226 χ^2/NDF : 11.1/12

Left In: -34.637+/-546.991 χ^2/NDF :8.6/8

asym_sam_15_dd_rms vs slug



Right In: 586.065+/-0.294 χ^2/NDF : 2729940.1/5

Left Out: 1197.931+/-0.400 χ^2/NDF :291617.4/8

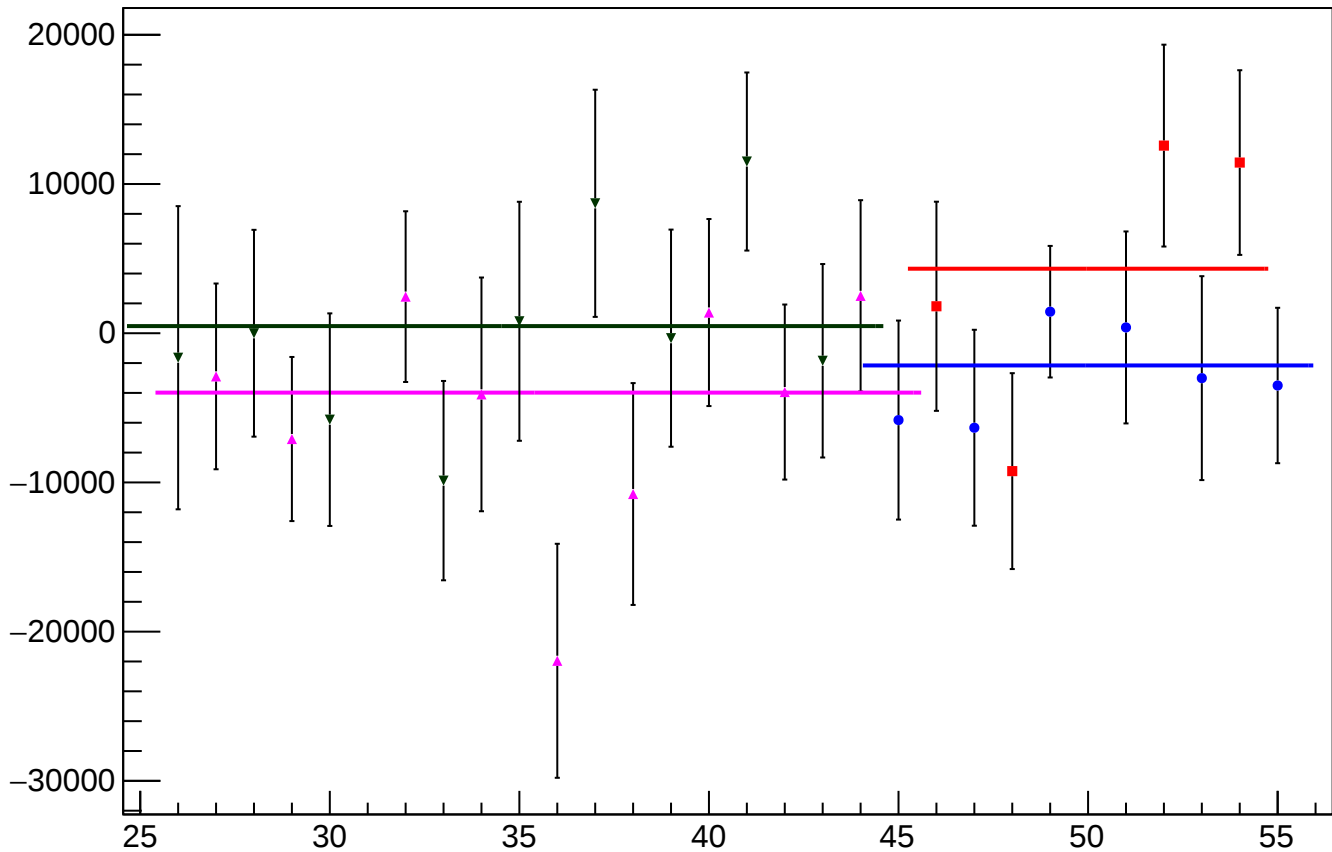
Right Out: 669.829+/-0.443 χ^2/NDF : 935294.0/3

Left In: 1268.242+/-0.387 χ^2/NDF :253500.8/8

801.199+/-0.237 χ^2/NDF : 4541715.6/14

1009.698+/-0.291 χ^2/NDF : 2222995.6/12

asym_sam_26_dd_mean vs slug



Right In: -2159.659+/-2359.722 χ^2/NDF : 1.6/5

Left Out: 477.708+/-2382.052 χ^2/NDF : 8.0/8

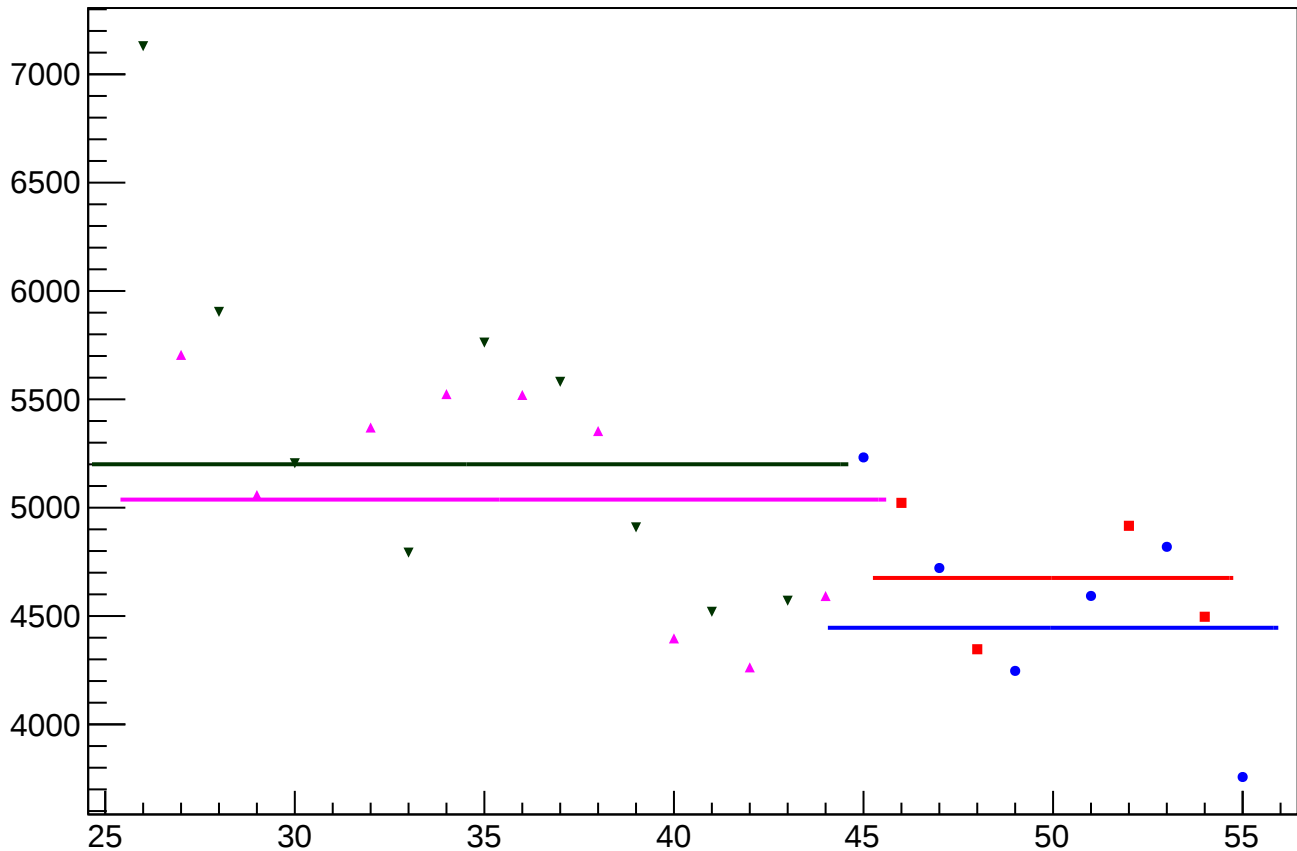
-853.396+/-1676.414 χ^2/NDF : 10.2/14

Right Out: 4323.556+/-3305.269 χ^2/NDF : 7.2/3

-1532.250+/-1794.759 χ^2/NDF : 21.1/12

Left In: -3980.767+/-2137.297 χ^2/NDF : 9.5/8

asym_sam_26_dd_rms vs slug



Right In: 4445.771+/-1.669 χ^2/NDF : 77384.3/5

Left Out: 5200.341+/-1.684 χ^2/NDF :163086.2/8

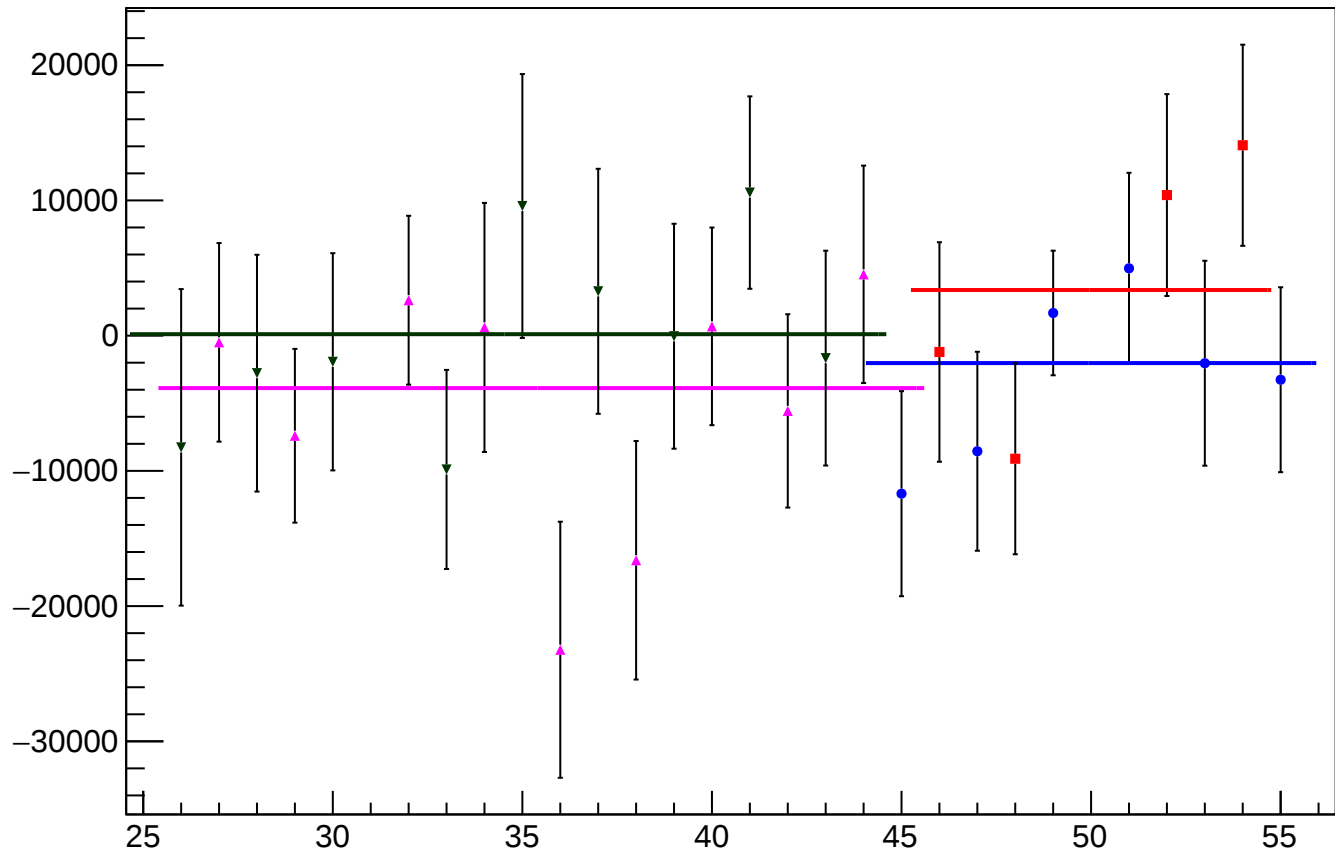
4819.503+/-1.185 χ^2/NDF : 341760.6/14

Right Out: 4675.738+/-2.337 χ^2/NDF : 14118.9/3

4930.701+/-1.269 χ^2/NDF : 145098.5/12

Left In: 5037.310+/-1.511 χ^2/NDF :114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -2028.368 ± 2655.233 χ^2/NDF : 4.1/5

Left Out: 107.633 ± 2805.368 χ^2/NDF : 5.8/8

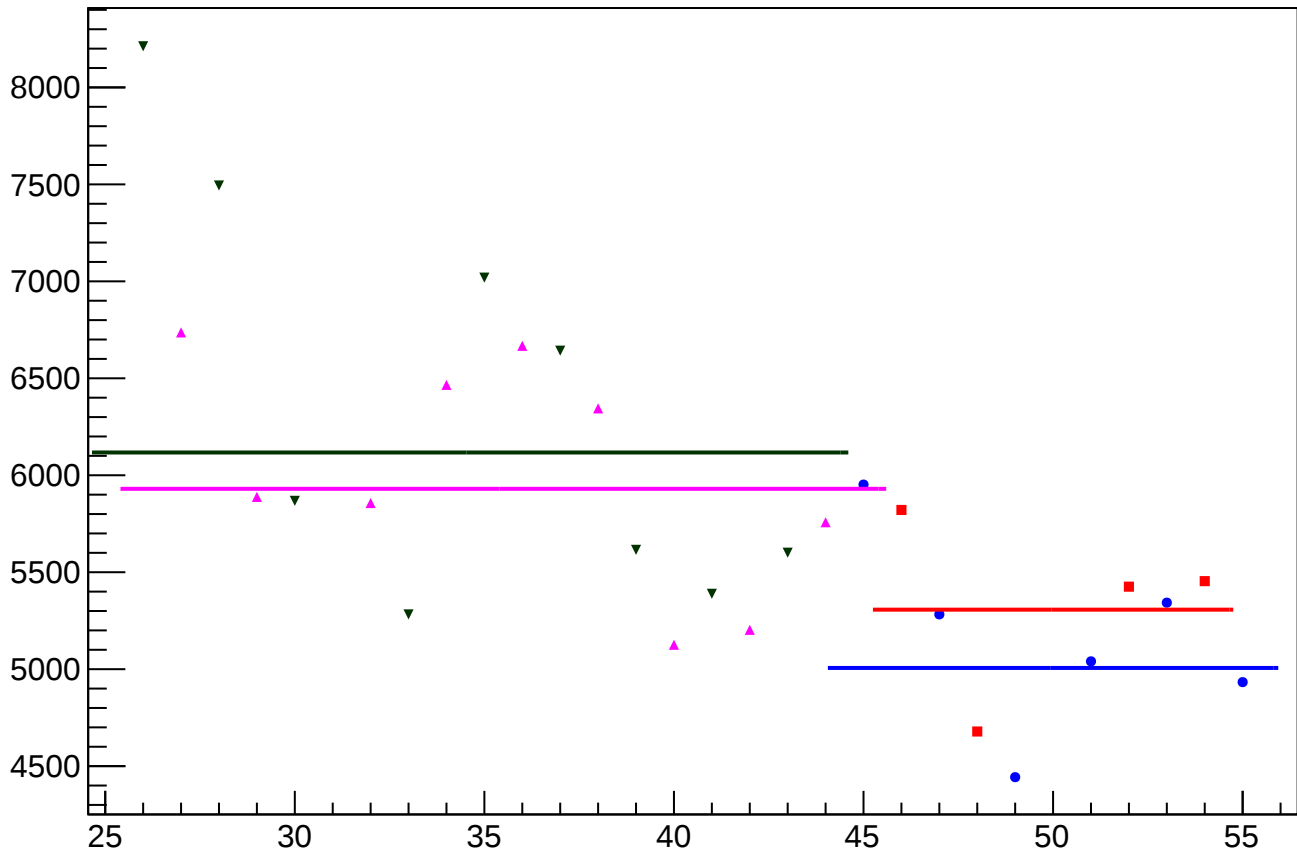
Right Out: 3374.966 ± 3746.612 χ^2/NDF : 6.4/3

Left In: -3878.107 ± 2515.966 χ^2/NDF : 9.6/8

-1019.051 ± 1928.426 χ^2/NDF : 10.2/14

-1623.865 ± 2088.709 χ^2/NDF : 18.6/12

asym_sam_37_dd_rms vs slug



Right In: 5006.392+/-1.878 χ^2/NDF : 68032.5/5

Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

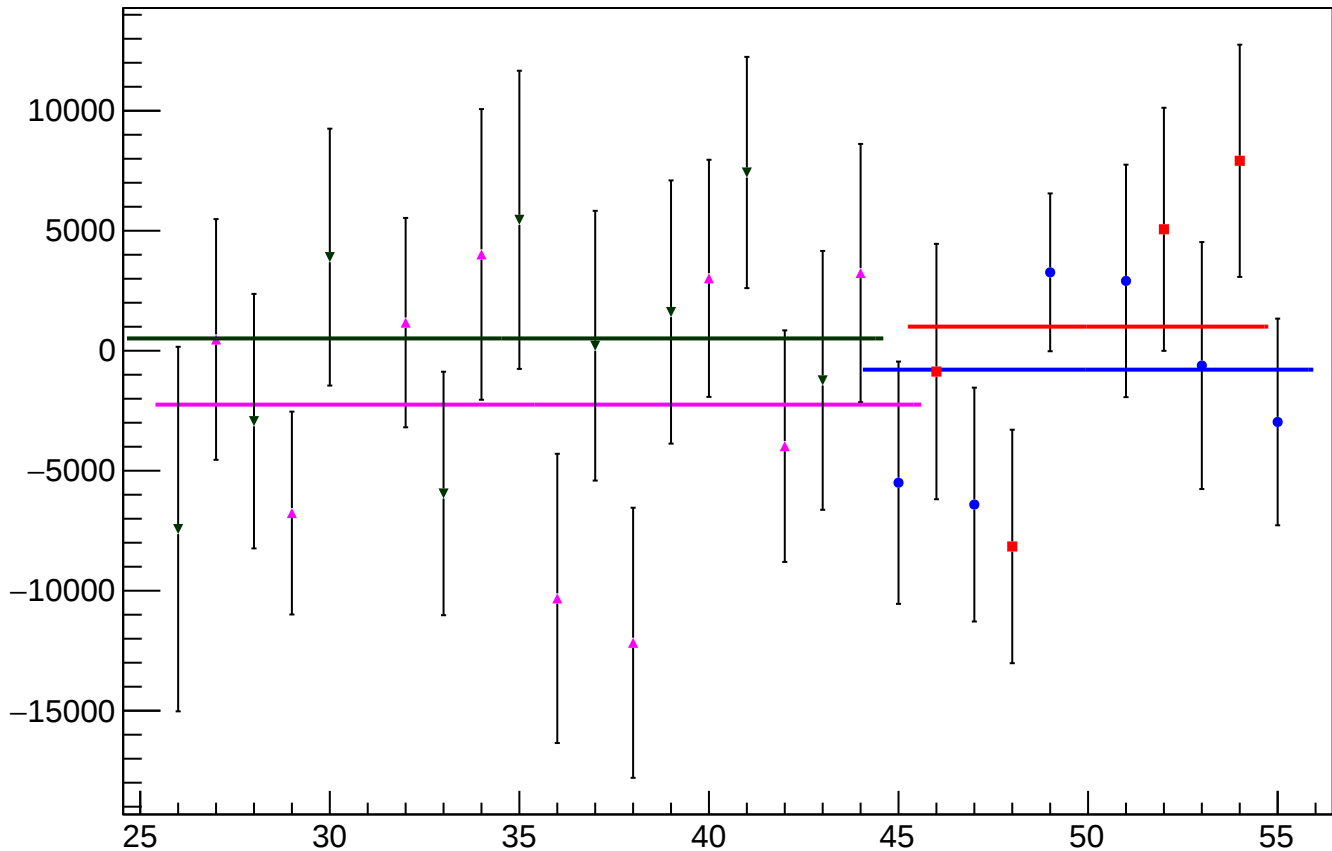
5531.381+/-1.364 χ^2/NDF : 435206.9/14

Right Out: 5306.955+/-2.649 χ^2/NDF : 25128.5/3

5736.413+/-1.477 χ^2/NDF : 156900.8/12

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

asym_sam_48_dd_mean vs slug



Right In: -788.461+/-1801.380 χ^2/NDF : 4.6/5

Left Out: 512.467+/-1841.360 χ^2/NDF : 6.4/8

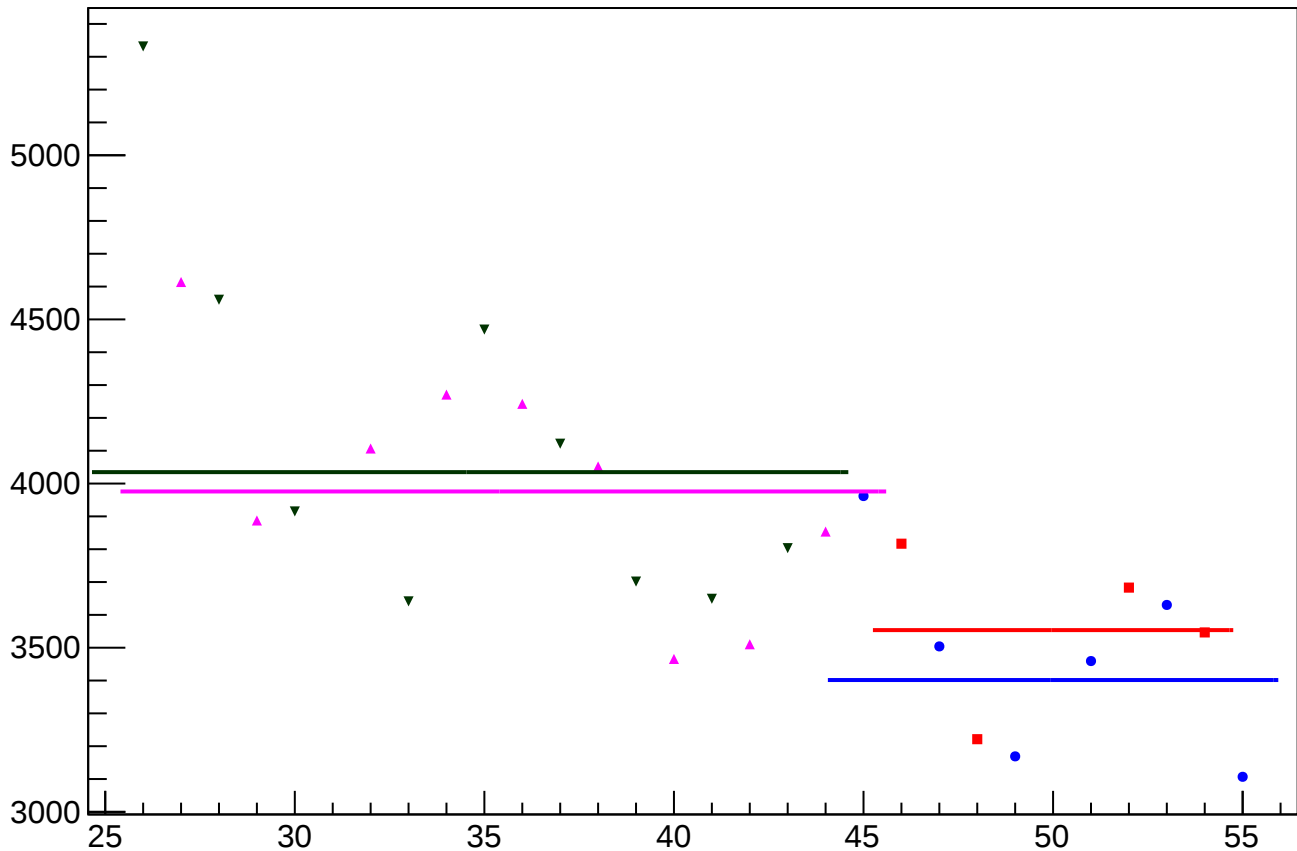
Right Out: 1005.134+/-2505.674 χ^2/NDF : 6.4/3

Left In: -2245.703+/-1682.849 χ^2/NDF : 10.3/8

-152.274+/-1287.670 χ^2/NDF : 11.2/14

-1235.174+/-1397.016 χ^2/NDF : 17.8/12

asym_sam_48_dd_rms vs slug



Right In: 3401.545+/-1.274 χ^2/NDF : 49137.2/5

Left Out: 4034.807+/-1.302 χ^2/NDF :125083.3/8

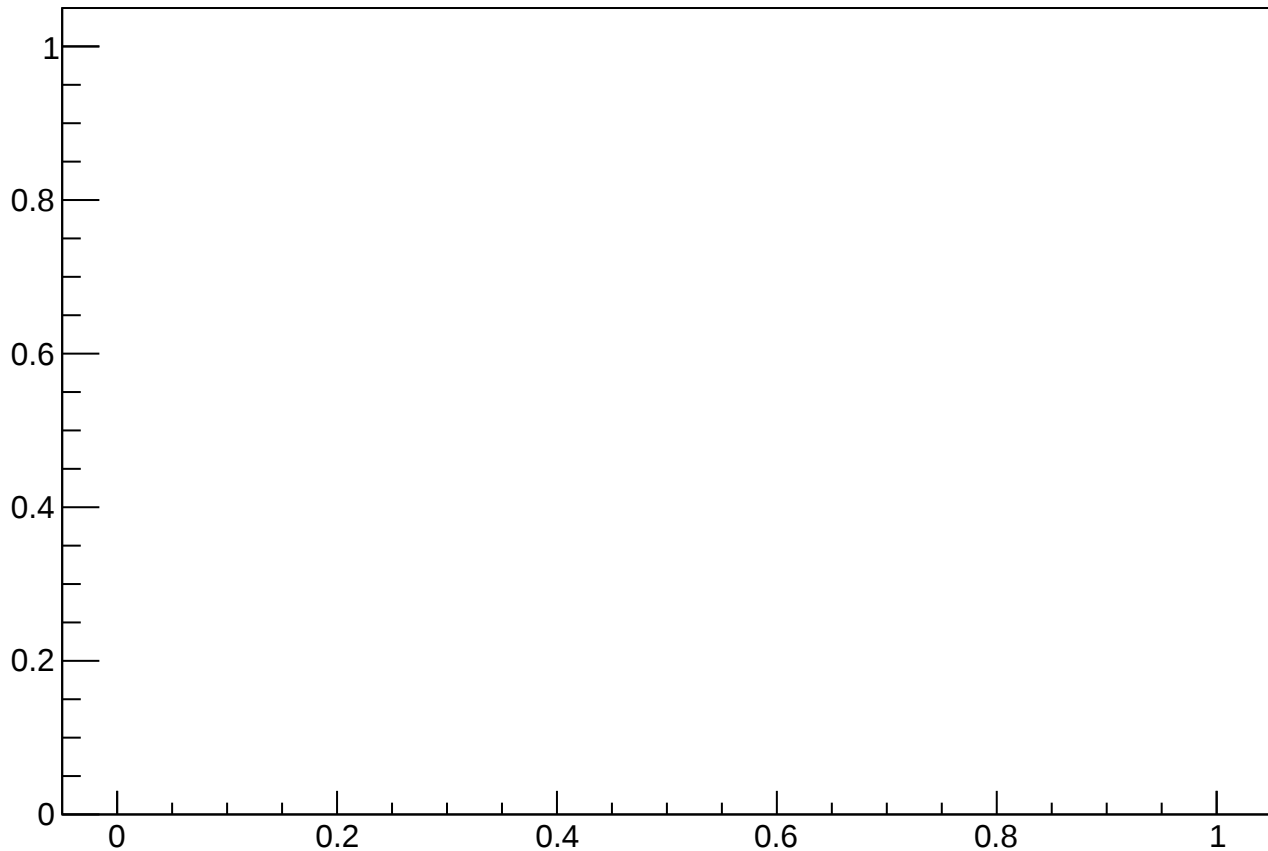
3711.227+/-0.911 χ^2/NDF : 295090.5/14

Right Out: 3553.598+/-1.772 χ^2/NDF : 15533.8/3

3844.622+/-0.988 χ^2/NDF : 139723.0/12

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

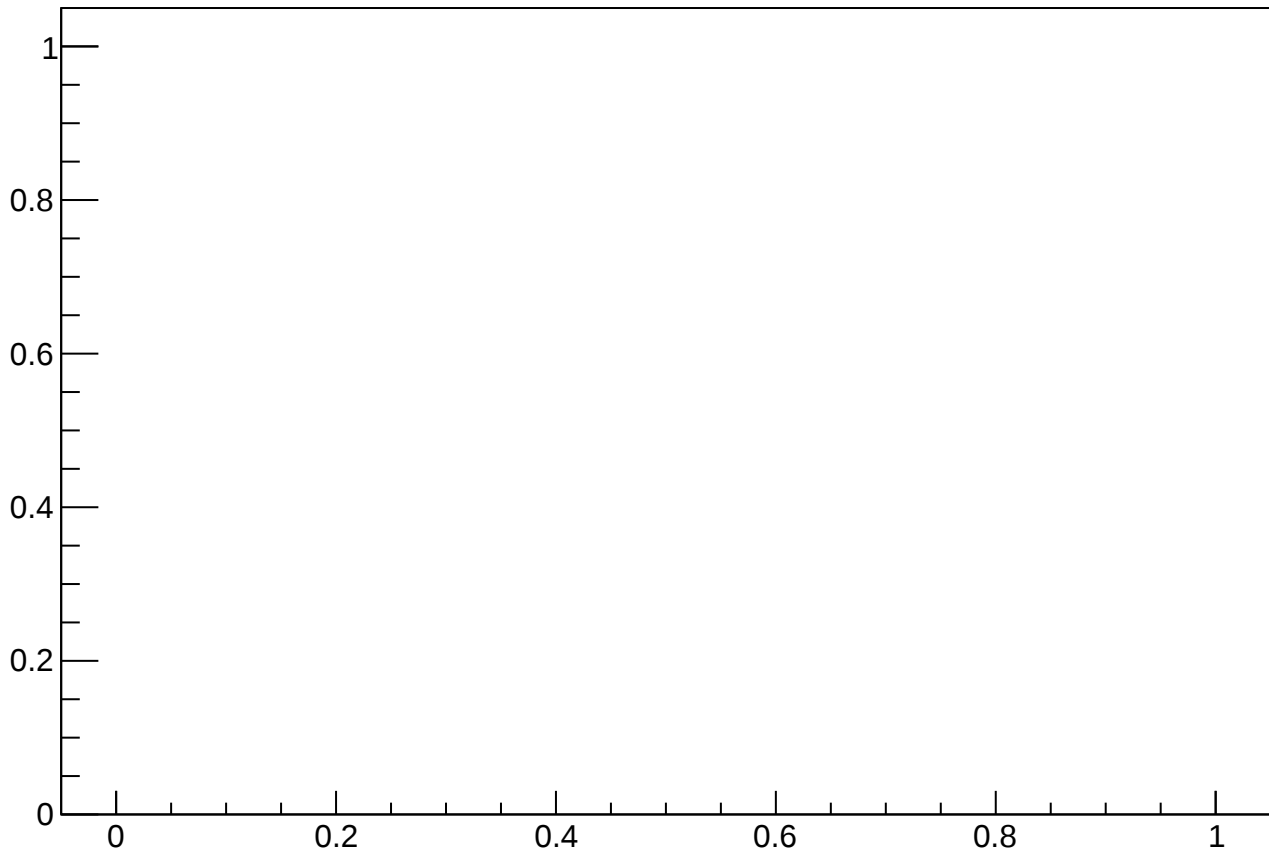
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

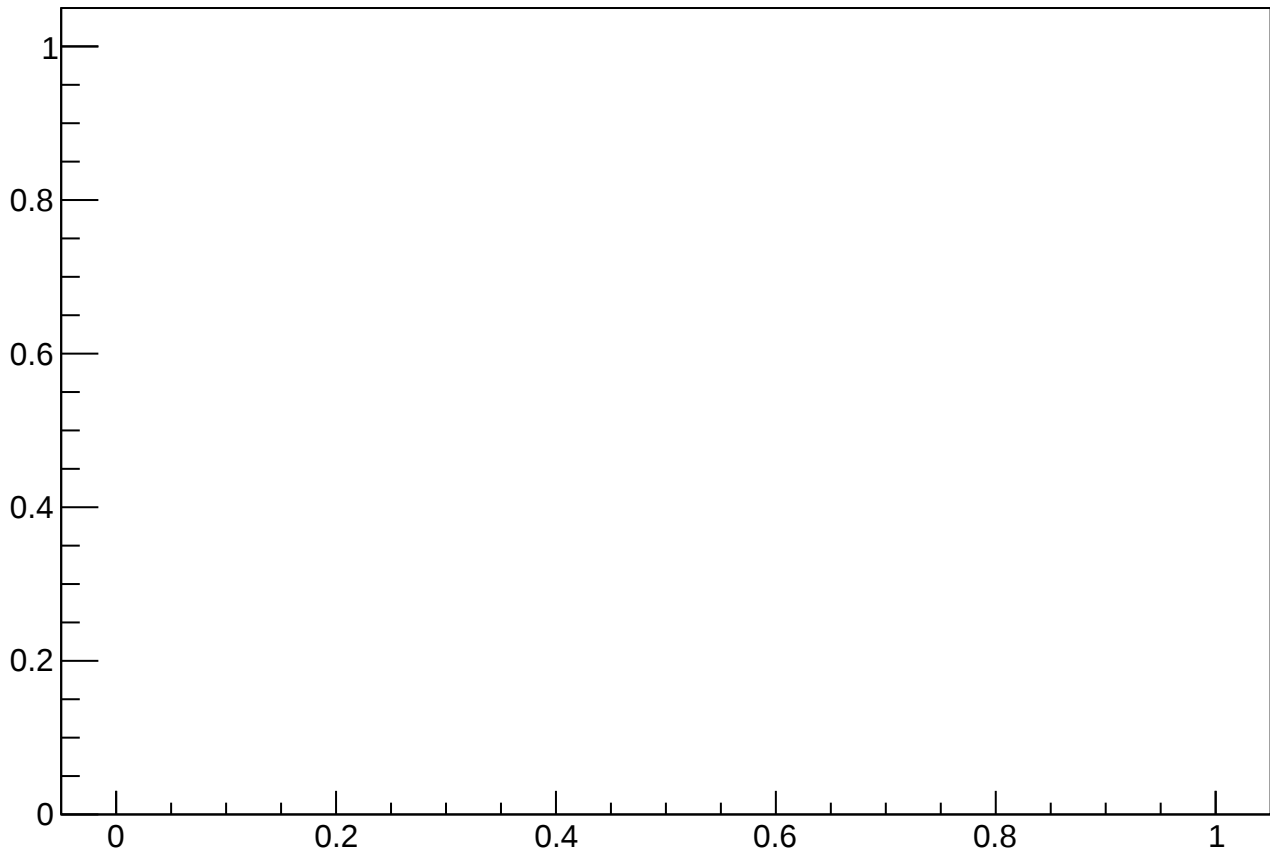
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

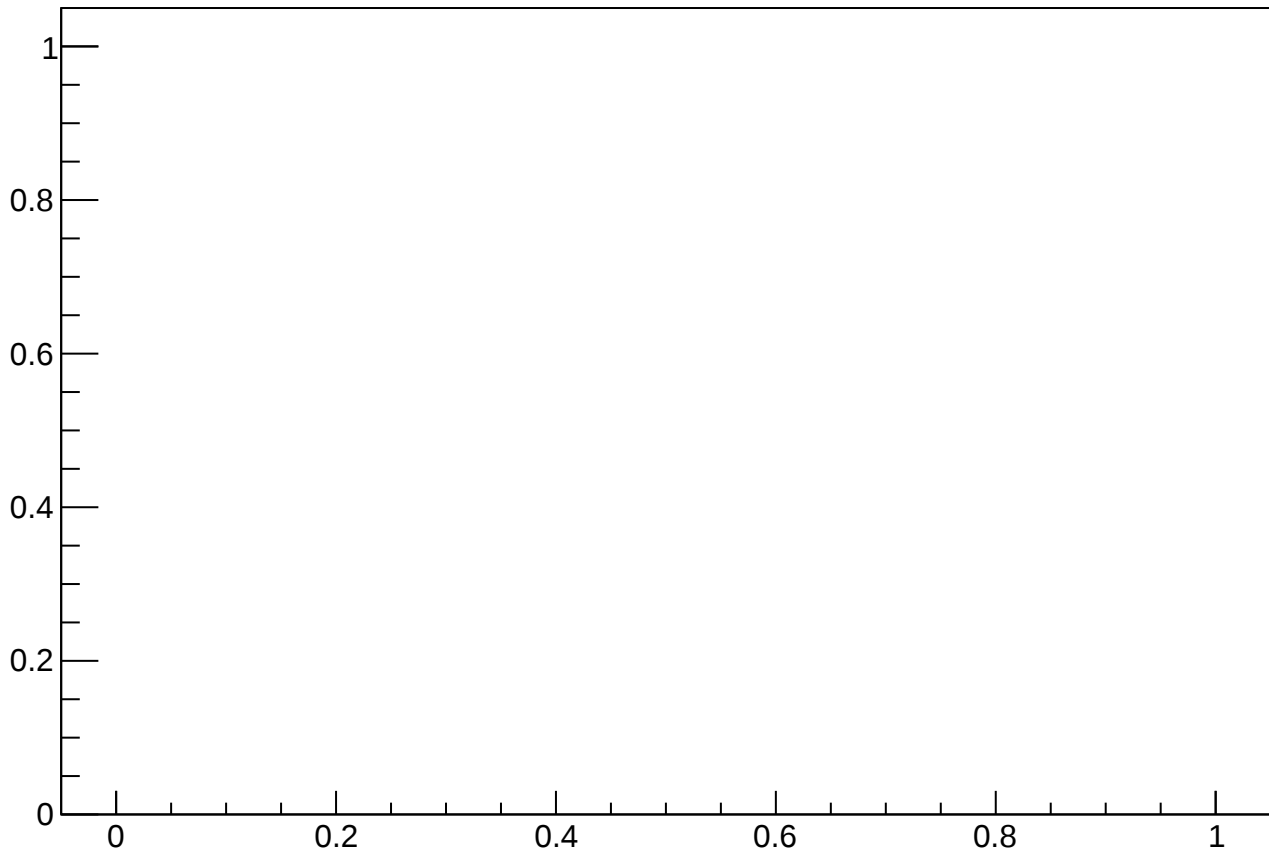
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

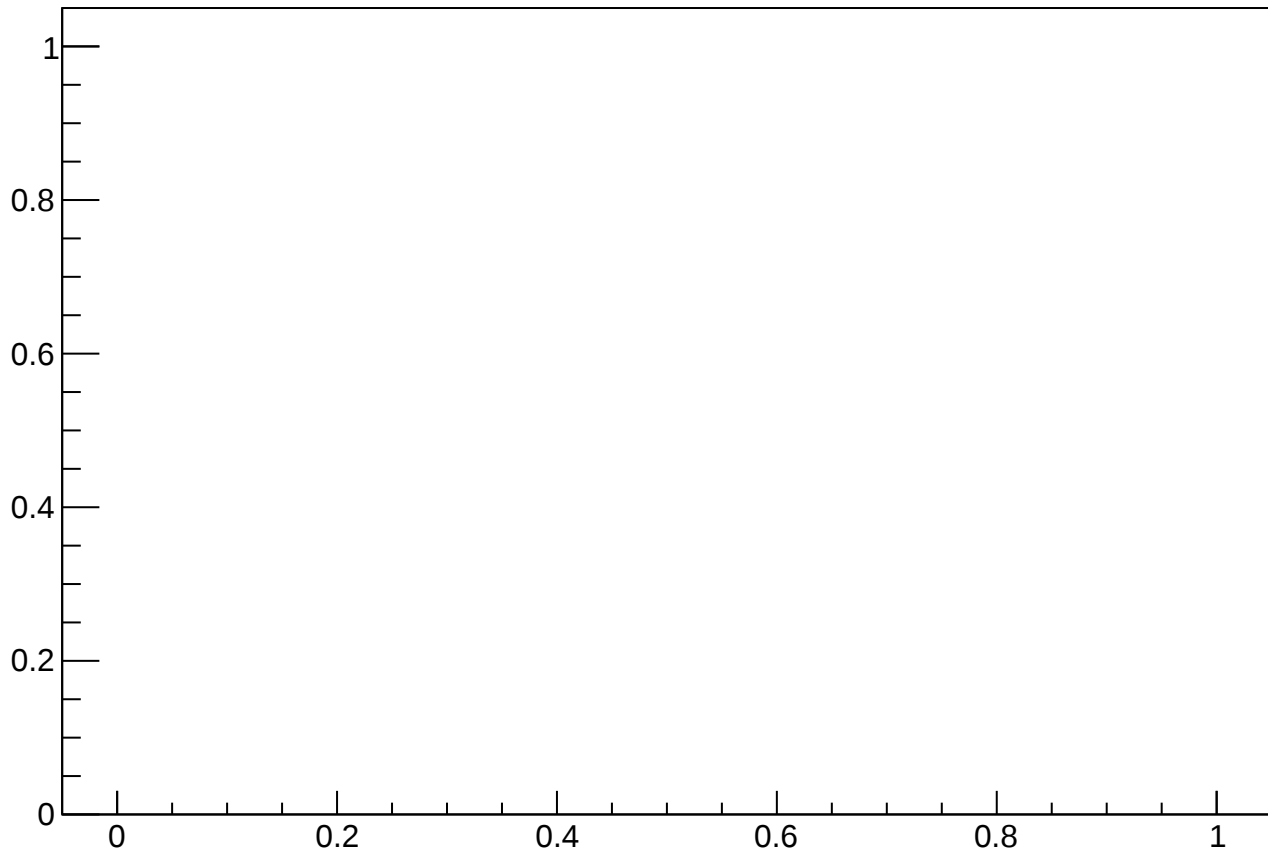
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

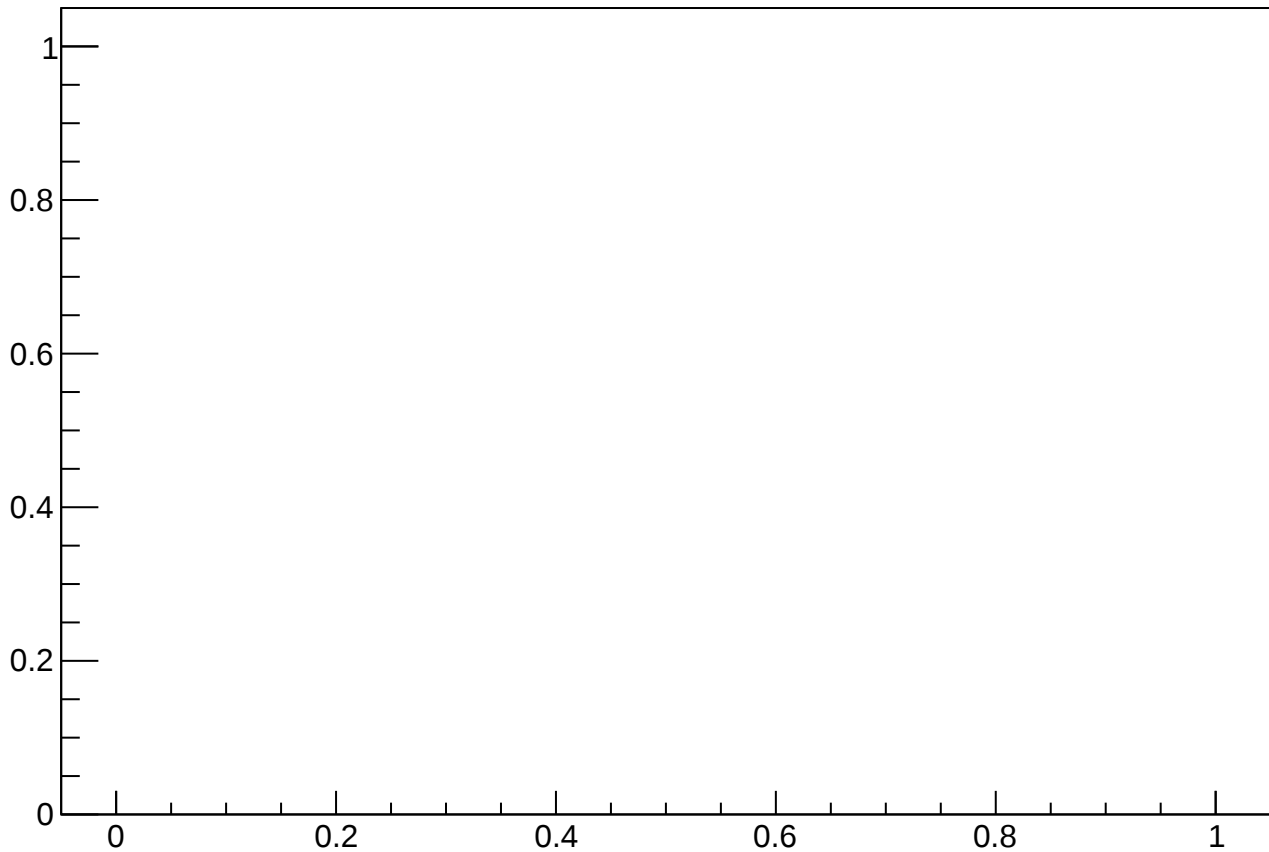
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_rms vs slug



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

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

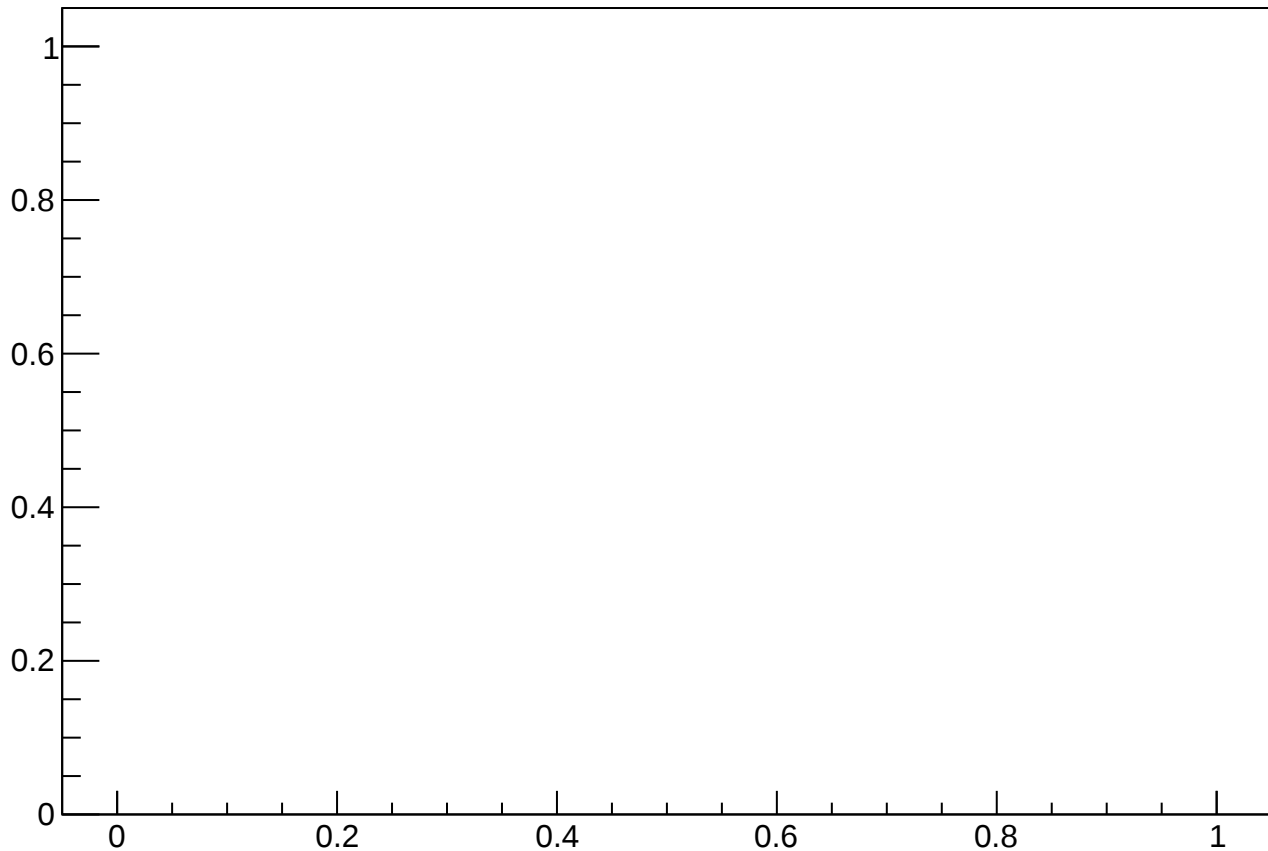
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

0.000+/-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

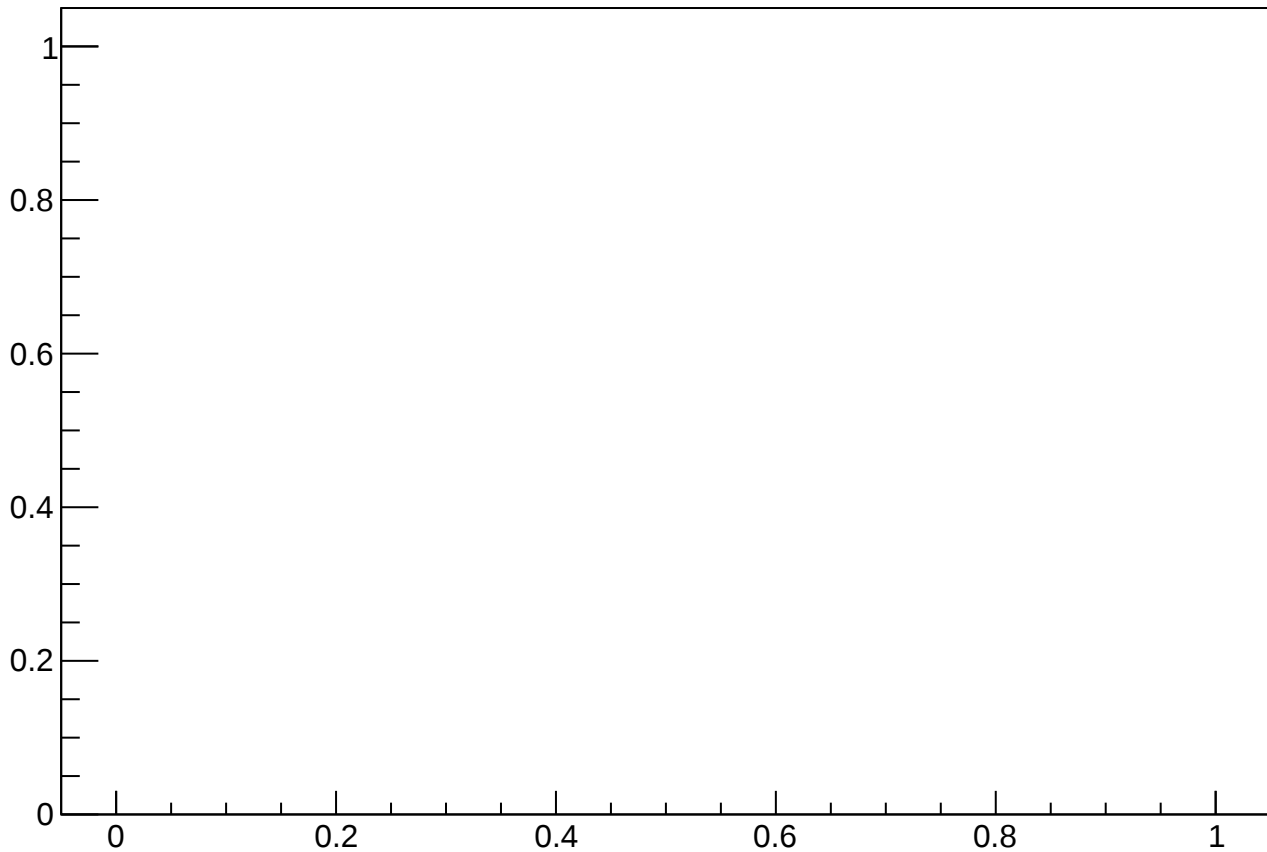
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

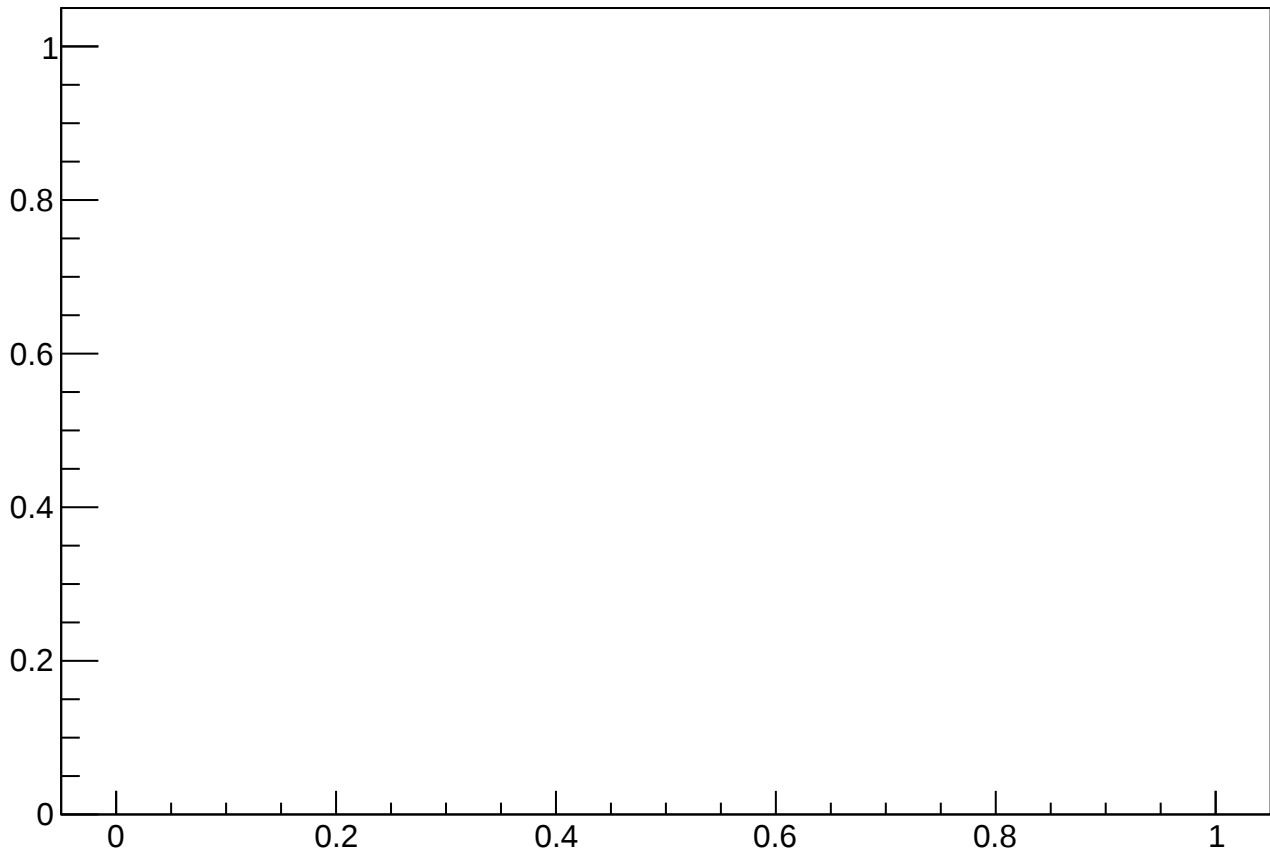
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

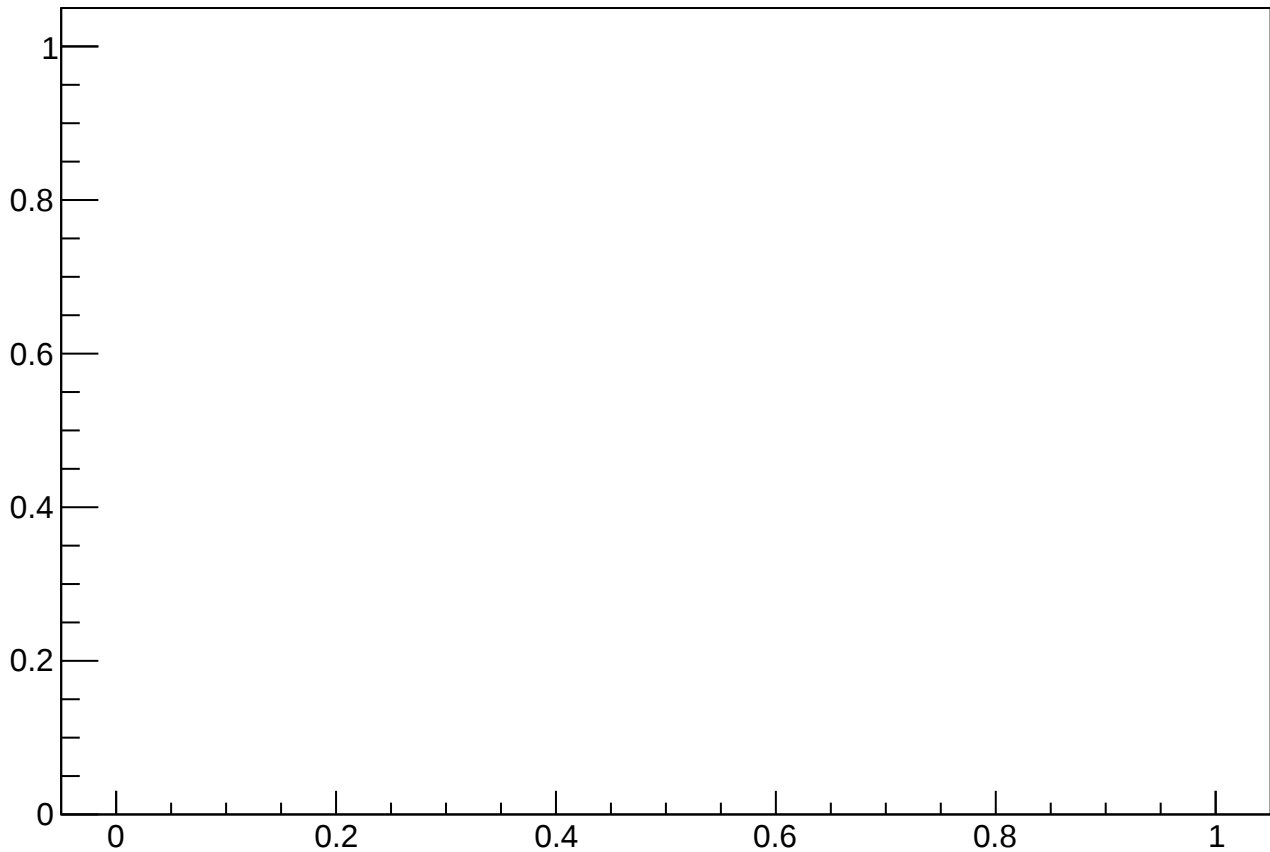
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_dd_rms vs slug



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

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

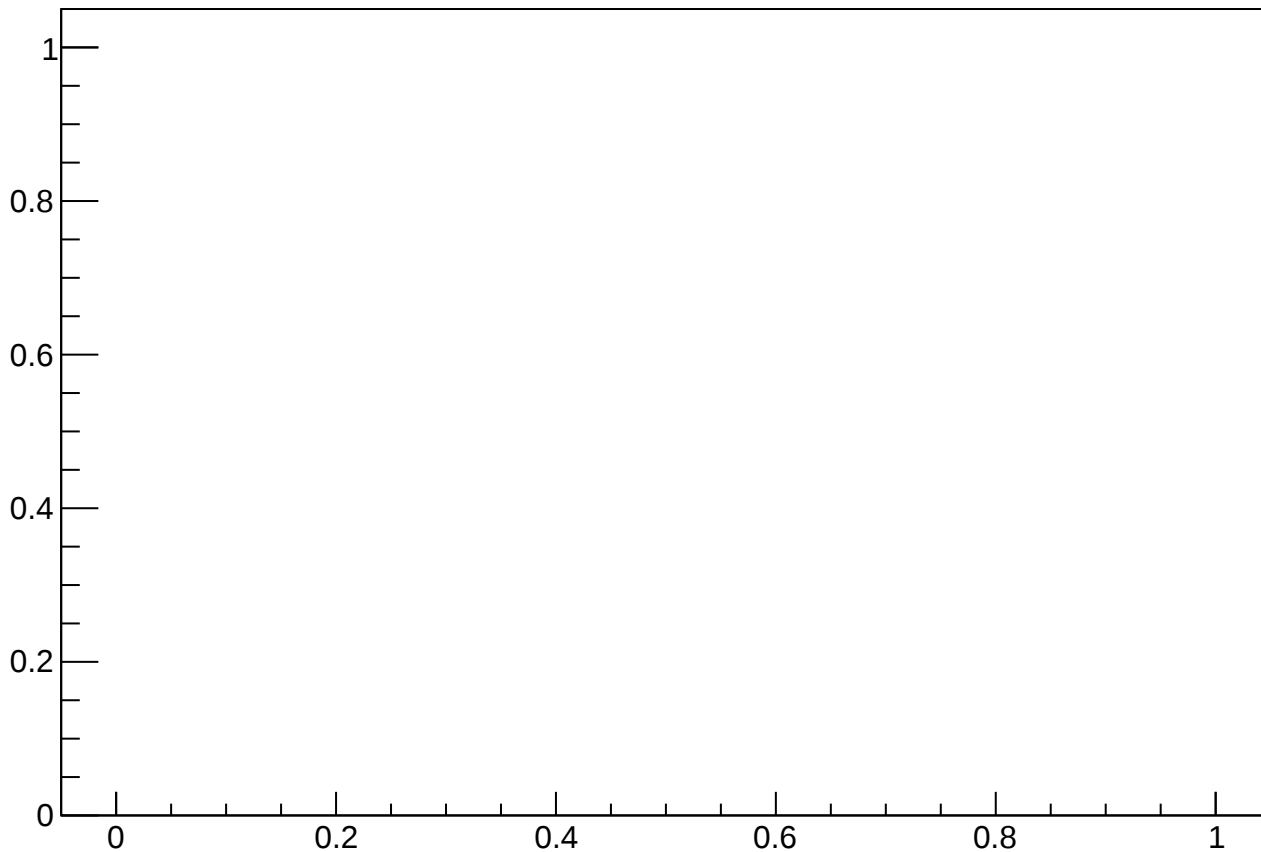
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_mean vs slug



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

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

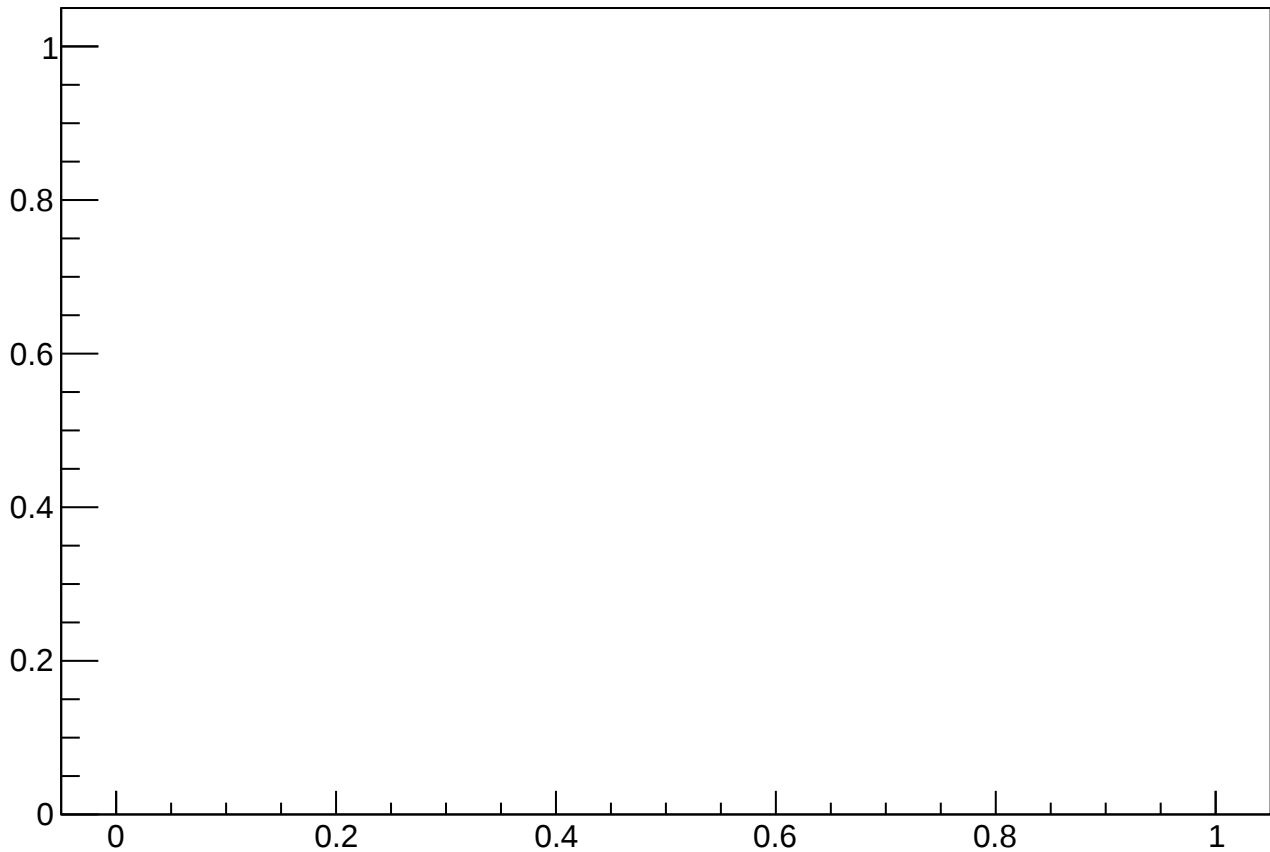
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_37_dd_rms vs slug



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

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

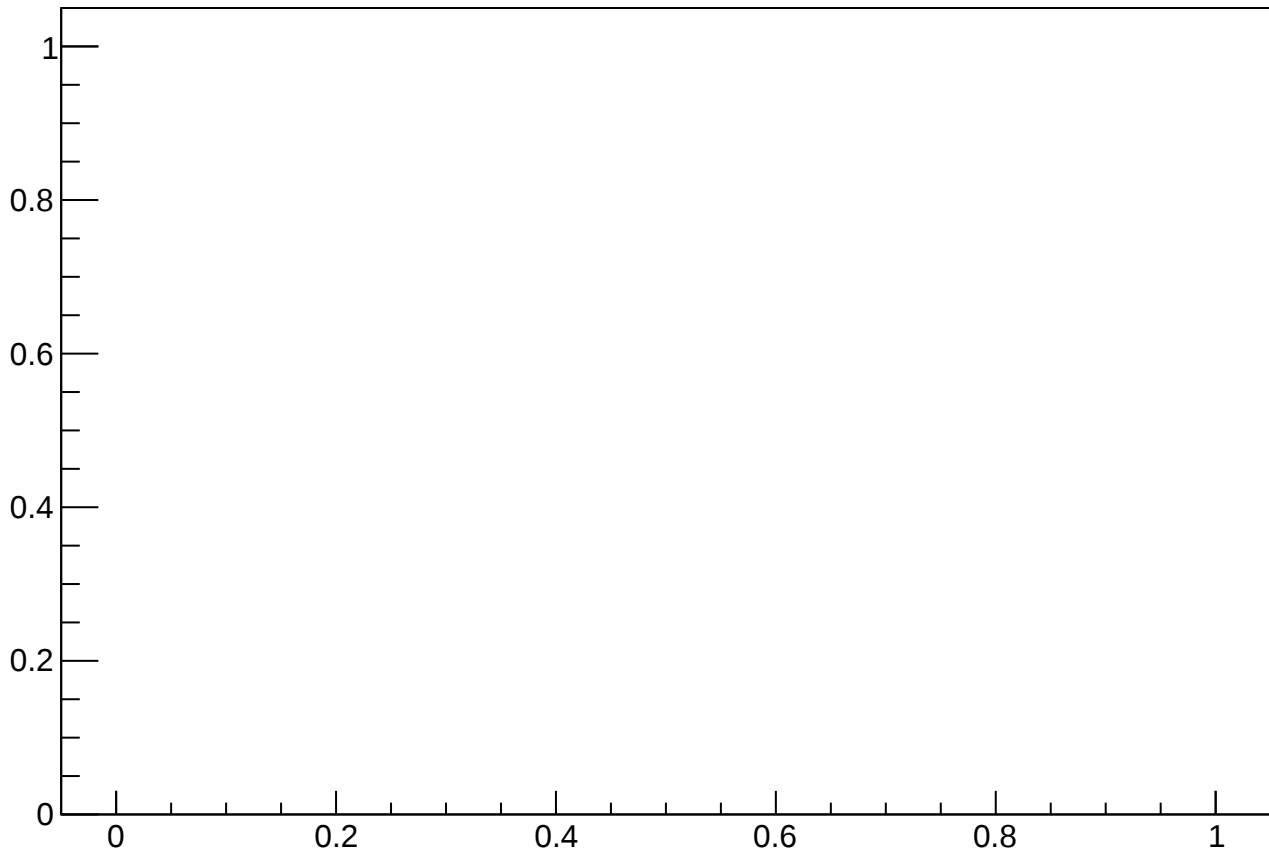
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

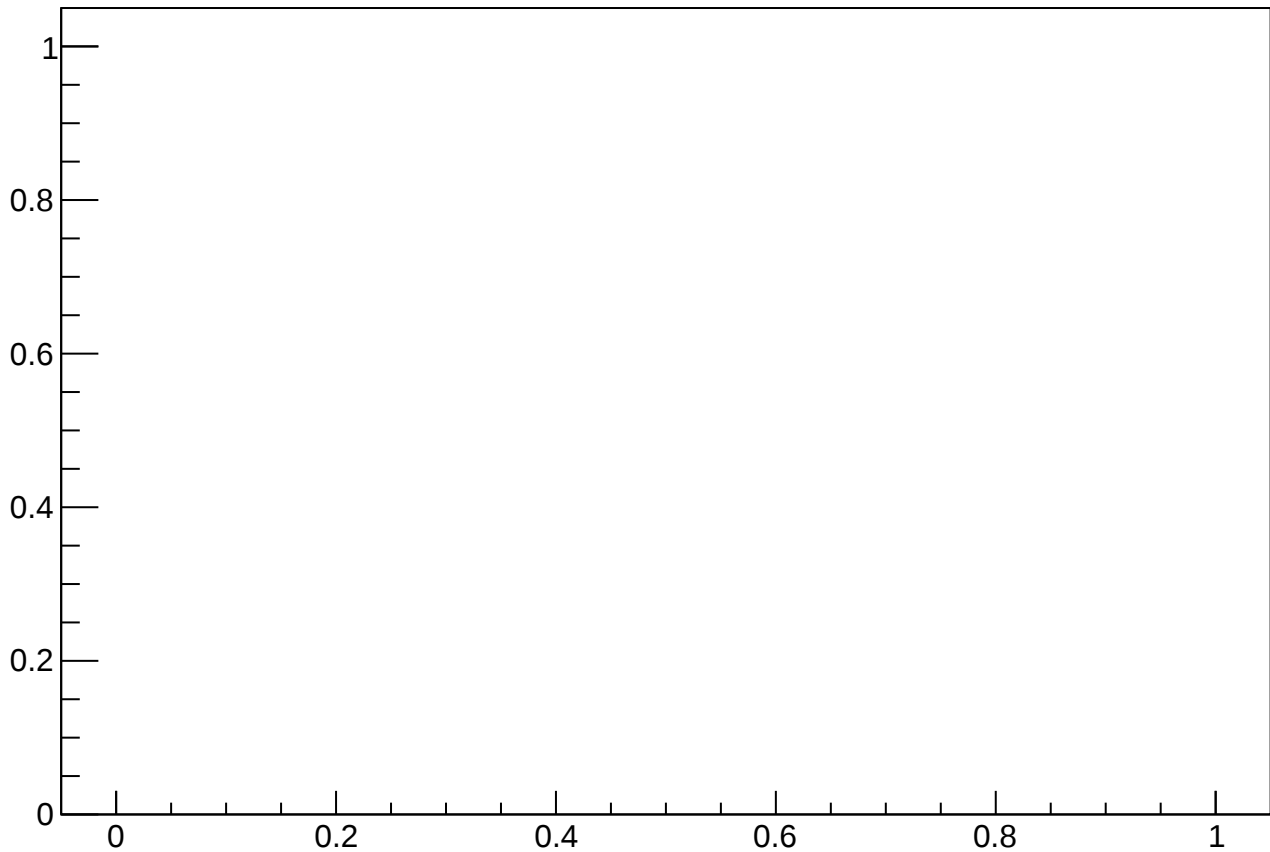
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_rms vs slug



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

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

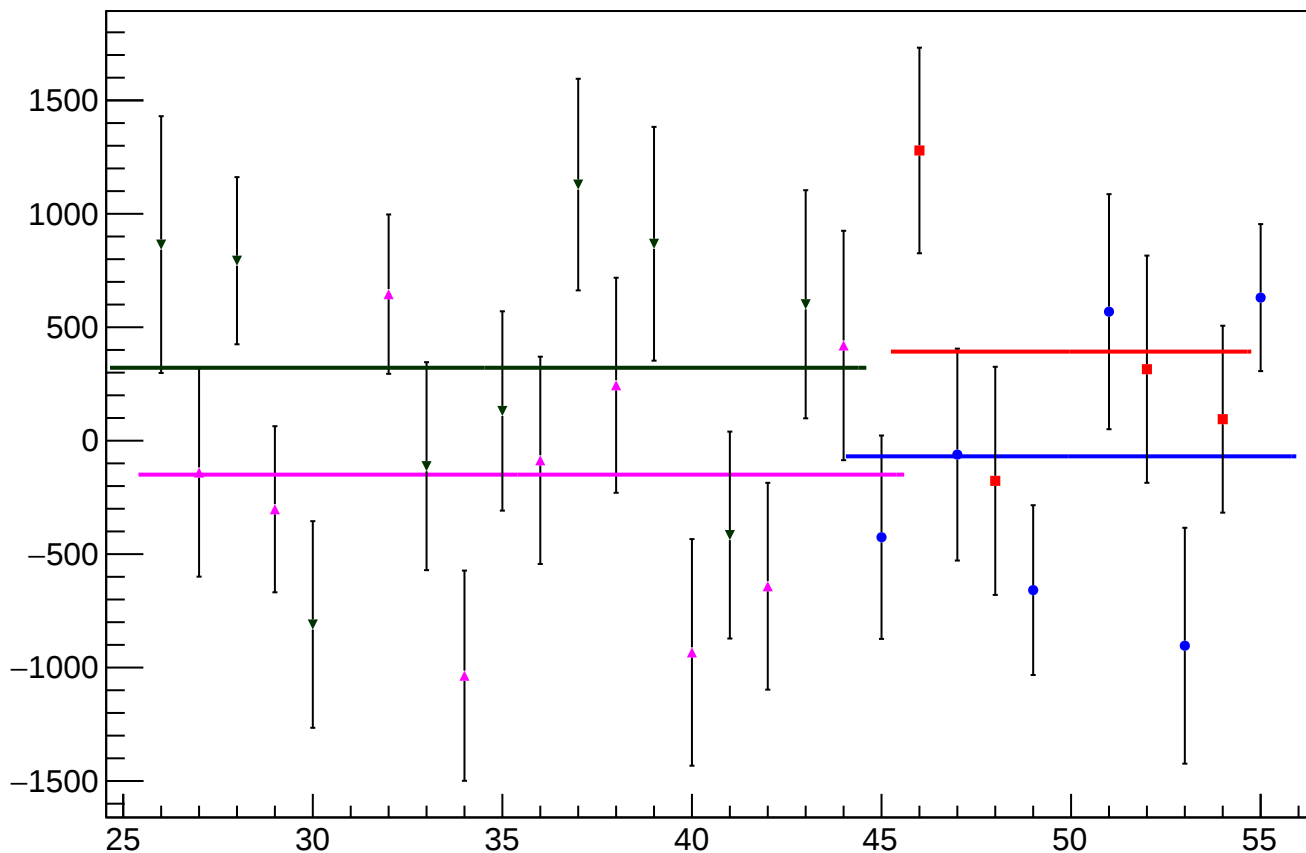
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -68.948 ± 172.372 χ^2/NDF : 11.9/5

Left Out: 321.392 ± 153.601 χ^2/NDF : 16.9/8

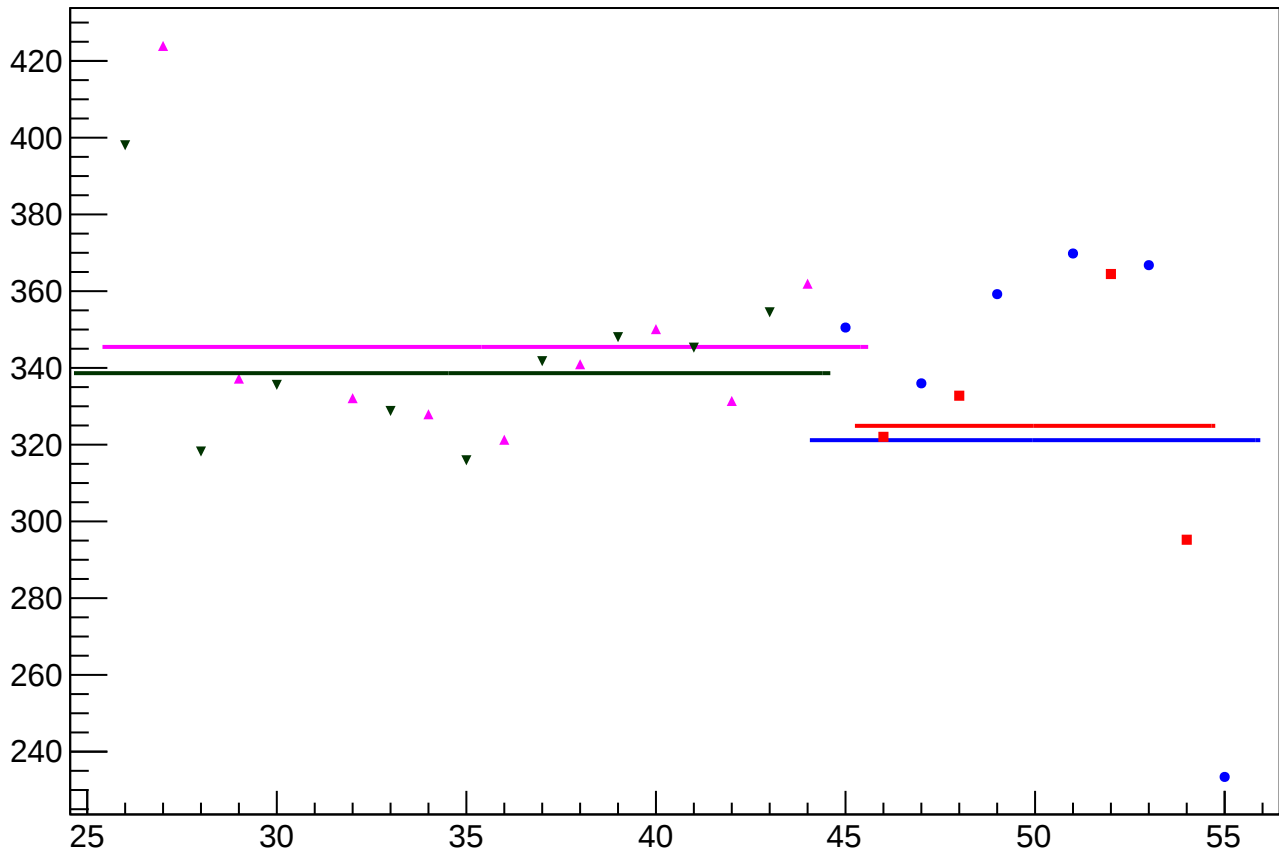
Right Out: 392.655 ± 231.208 χ^2/NDF : 5.7/3

Left In: -149.607 ± 145.938 χ^2/NDF : 14.6/8

148.626 ± 114.677 χ^2/NDF : 31.6/14

4.886 ± 123.410 χ^2/NDF : 24.2/12

reg_asym_sam_15_dd_rms vs slug



Right In: 321.172 ± 0.122 $\chi^2/\text{NDF}: 211011.0/5$

Left Out: 338.634 ± 0.109 $\chi^2/\text{NDF}: 37698.0/8$

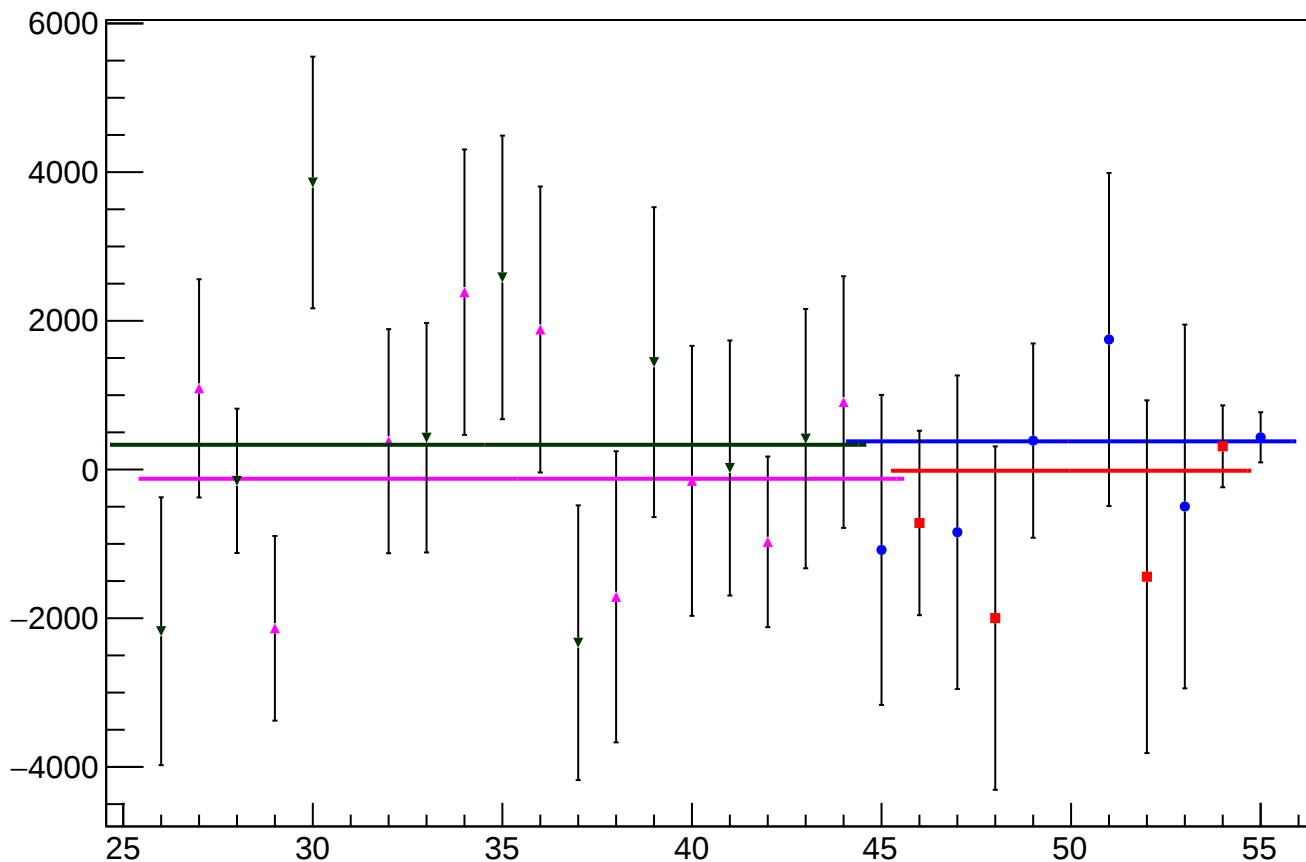
Right Out: 324.905 ± 0.163 $\chi^2/\text{NDF}: 23433.2/3$

Left In: 345.473 ± 0.103 $\chi^2/\text{NDF}: 75165.2/8$

330.905 ± 0.081 $\chi^2/\text{NDF}: 260149.8/14$

339.613 ± 0.087 $\chi^2/\text{NDF}: 109916.1/12$

asym_sam_15_dd_correction_mean vs slug



Right In: 379.035+/-313.235 χ^2/NDF : 1.4/5

Left Out: 333.038+/-526.643 χ^2/NDF : 10.3/8

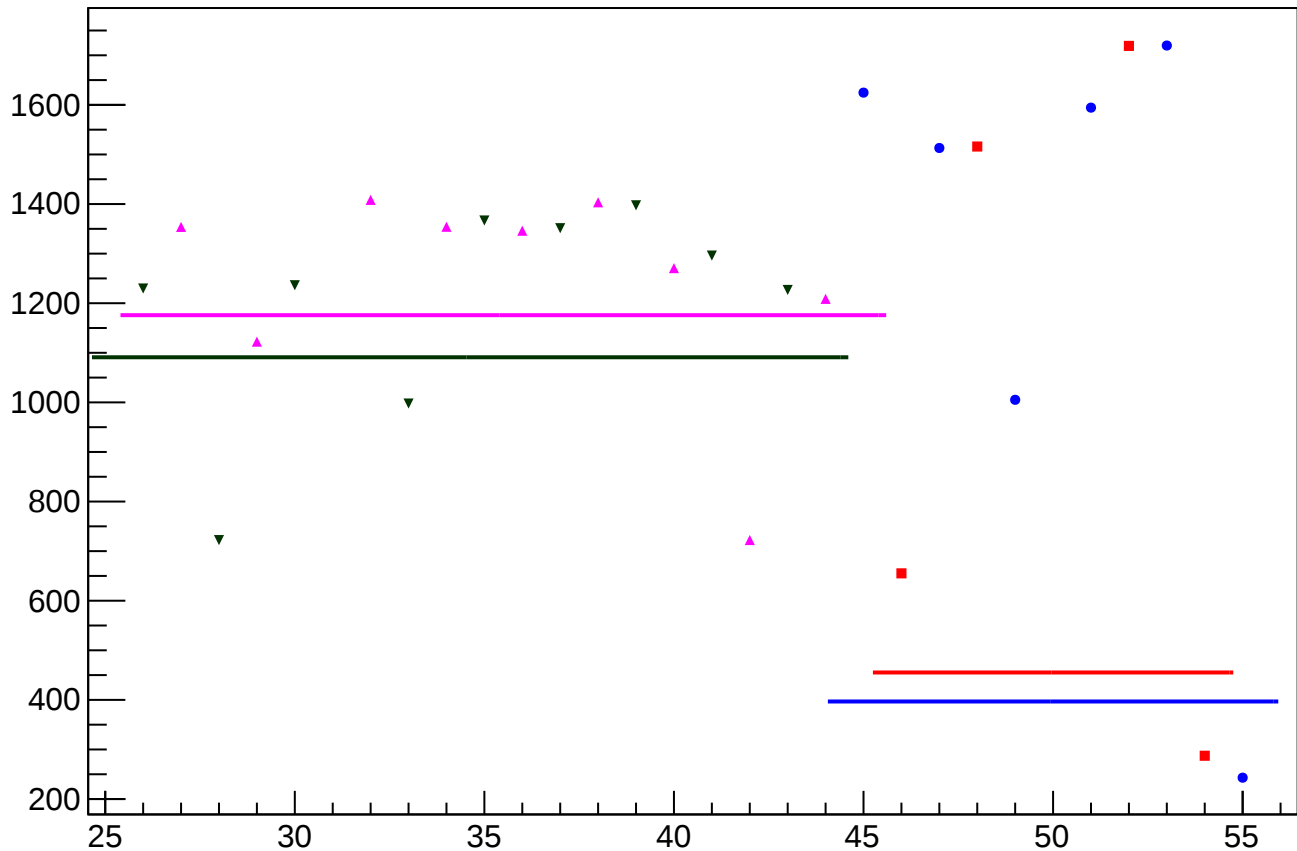
Right Out: -16.081+/-481.609 χ^2/NDF : 1.8/3

Left In: -124.264+/-515.157 χ^2/NDF : 7.8/8

367.015+/-269.215 χ^2/NDF : 11.7/14

-66.536+/-351.812 χ^2/NDF : 9.6/12

asym_sam_15_dd_correction_rms vs slug



Right In: 396.774+/-0.221 χ^2/NDF : 3259842.1/5

Left Out: 1090.976+/-0.372 χ^2/NDF :488039.7/8

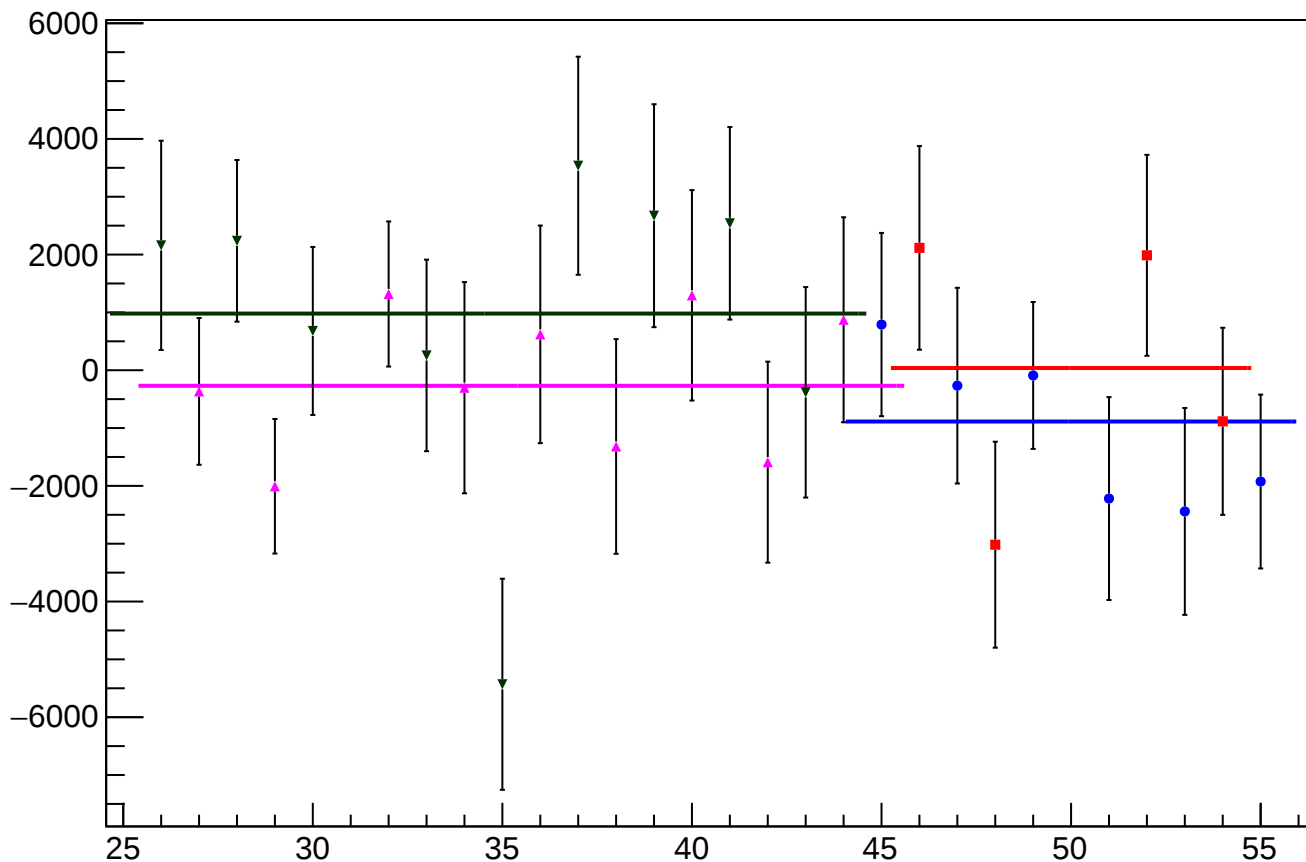
Right Out: 455.264+/-0.341 χ^2/NDF : 1227374.2/3

Left In: 1175.875+/-0.364 χ^2/NDF :459477.1/8

578.181+/-0.190 χ^2/NDF : 6314892.0/14

791.343+/-0.249 χ^2/NDF : 3775104.4/12

reg_asym_sam_26_dd_mean vs slug



Right In: -887.083+/-639.220 χ^2/NDF : 3.5/5

Left Out: 979.553+/-561.753 χ^2/NDF : 17.9/8

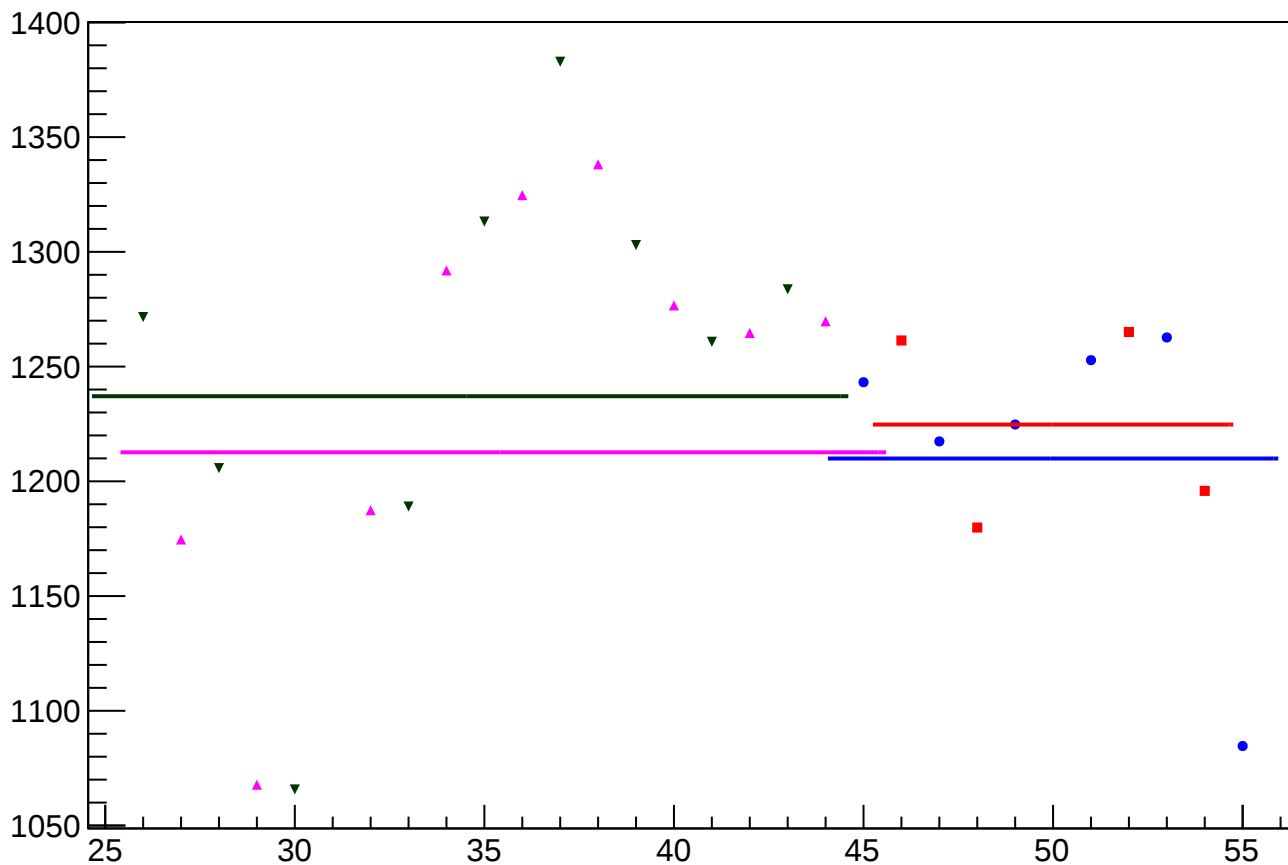
Right Out: 38.208+/-860.295 χ^2/NDF : 5.9/3

Left In: -269.305+/-511.773 χ^2/NDF : 6.1/8

166.141+/-421.964 χ^2/NDF : 26.1/14

-188.926+/-439.832 χ^2/NDF : 12.1/12

reg_asym_sam_26_dd_rms vs slug



Right In: 1209.940+/-0.452 χ^2/NDF : 18017.8/5

Left Out: 1237.088+/-0.397 χ^2/NDF : 50723.7/8

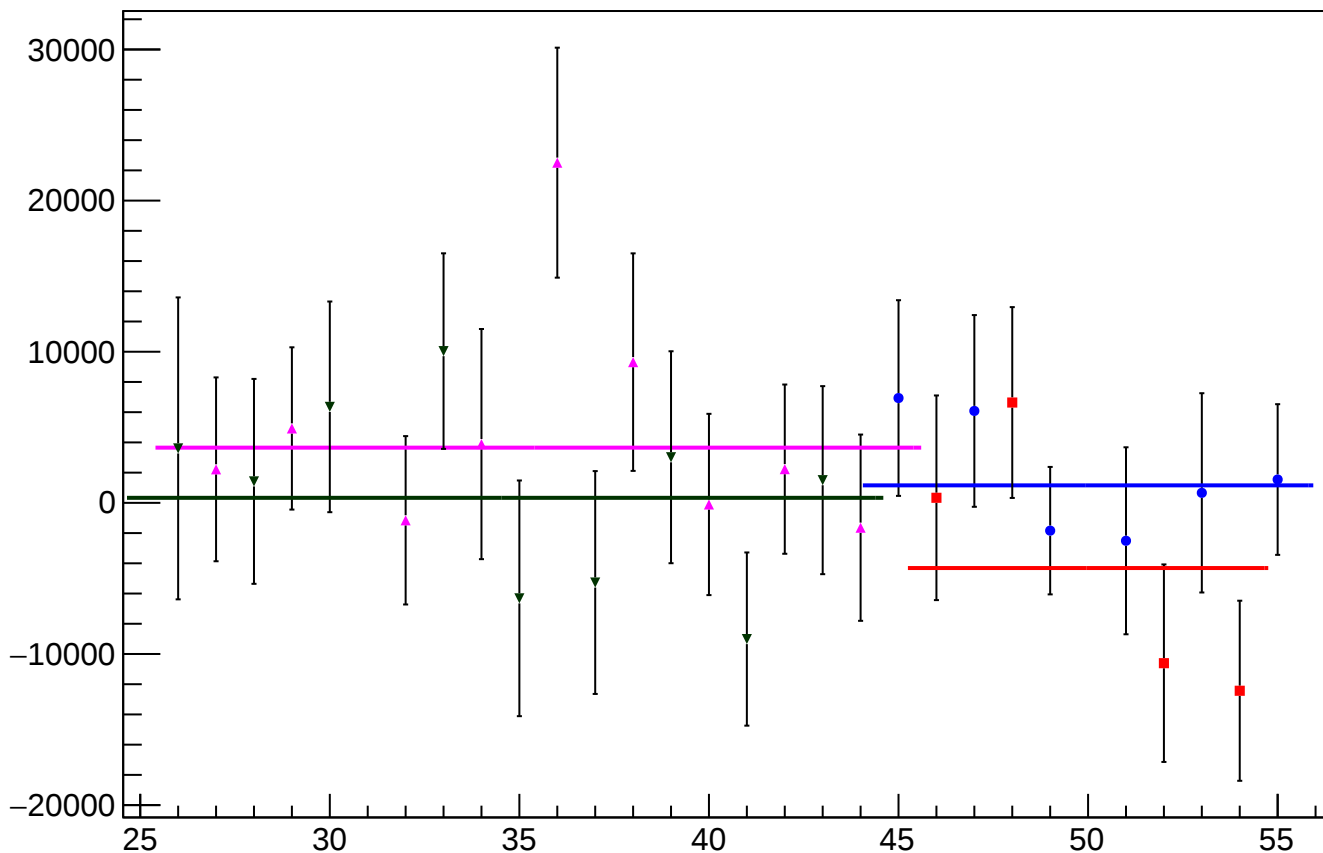
Right Out: 1224.730+/-0.608 χ^2/NDF : 3852.3/3

Left In: 1212.637+/-0.362 χ^2/NDF : 59937.0/8

1225.258+/-0.298 χ^2/NDF : 70777.1/14

1215.798+/-0.311 χ^2/NDF : 64081.1/12

asym_sam_26_dd_correction_mean vs slug



Right In: 1158.002+/-2268.555 χ^2/NDF : 2.3/5

Left Out: 333.092+/-2308.078 χ^2/NDF : 7.3/8

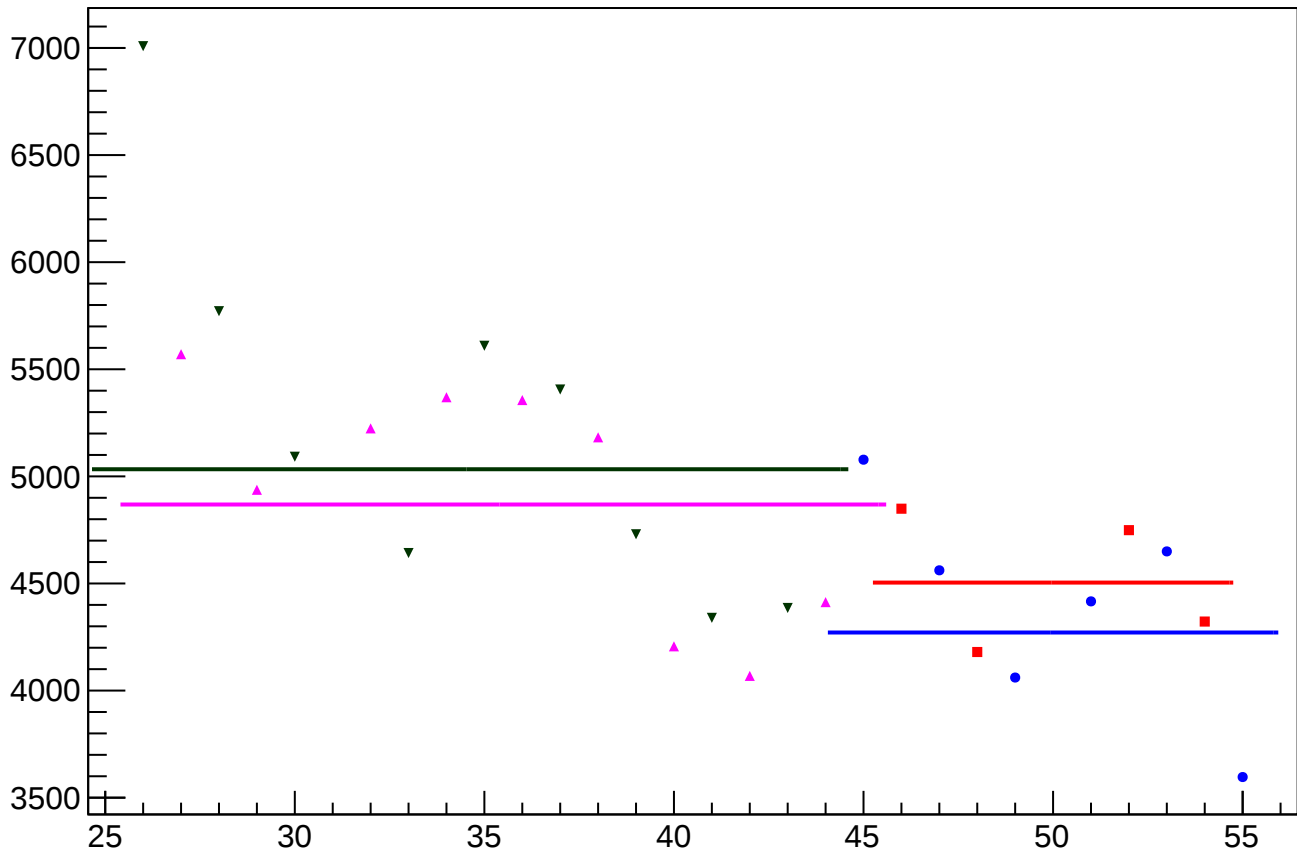
Right Out: -4313.089+/-3186.511 χ^2/NDF : 6.3/3

Left In: 3653.482+/-2068.125 χ^2/NDF : 8.8/8

752.670+/-1617.903 χ^2/NDF : 9.6/14

1292.303+/-1734.779 χ^2/NDF : 19.5/12

asym_sam_26_dd_correction_rms vs slug



Right In: 4271.102 ± 1.604 χ^2/NDF : 84558.0/5

Left Out: 5033.309 ± 1.632 χ^2/NDF : 180086.7/8

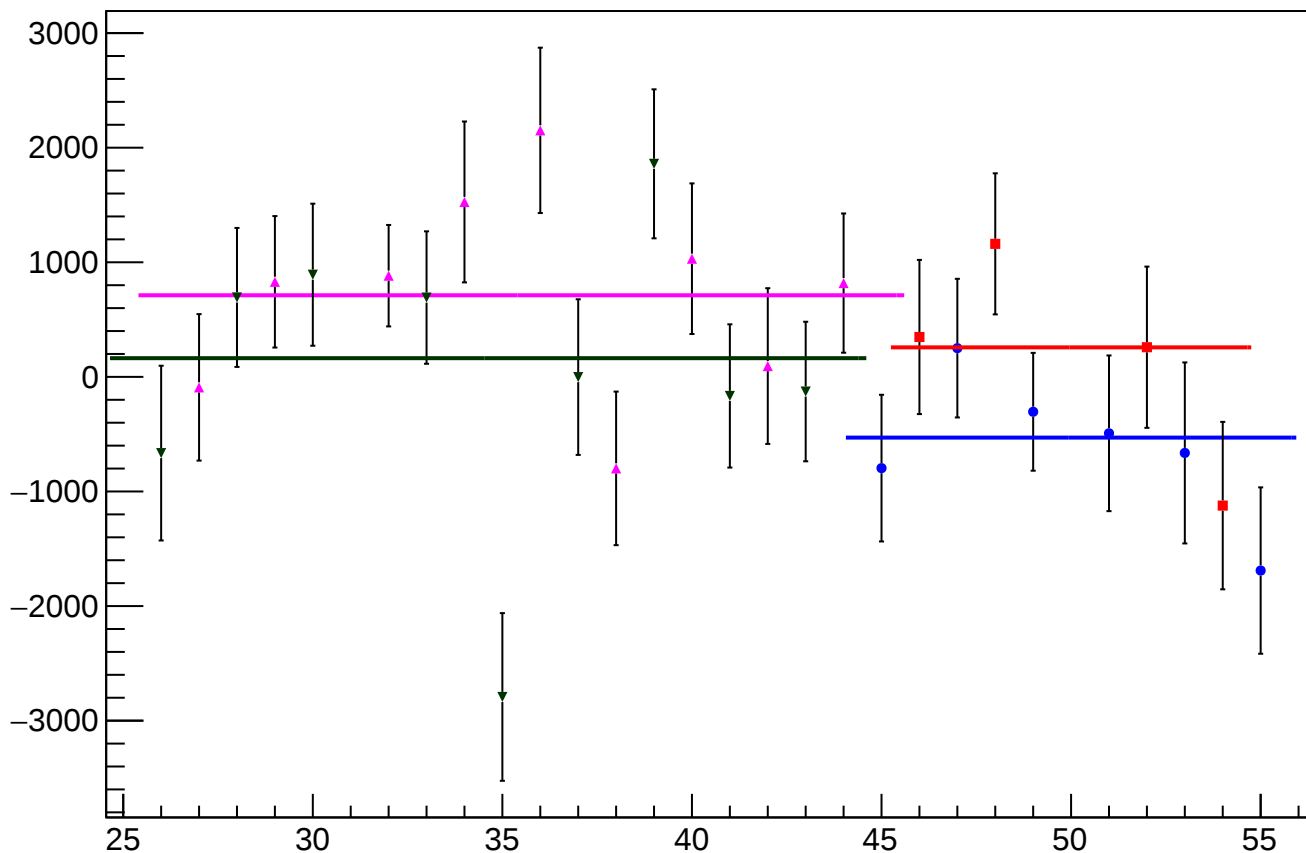
Right Out: 4504.173 ± 2.253 χ^2/NDF : 15131.1/3

Left In: 4868.659 ± 1.462 χ^2/NDF : 131897.8/8

4645.624 ± 1.144 χ^2/NDF : 375583.1/14

4760.630 ± 1.227 χ^2/NDF : 165440.6/12

reg_asym_sam_37_dd_mean vs slug



Right In: -529.853 $\pm$ 261.488 χ^2/NDF : 4.6/5

Left Out: 163.244 $\pm$ 214.677 χ^2/NDF : 27.9/8

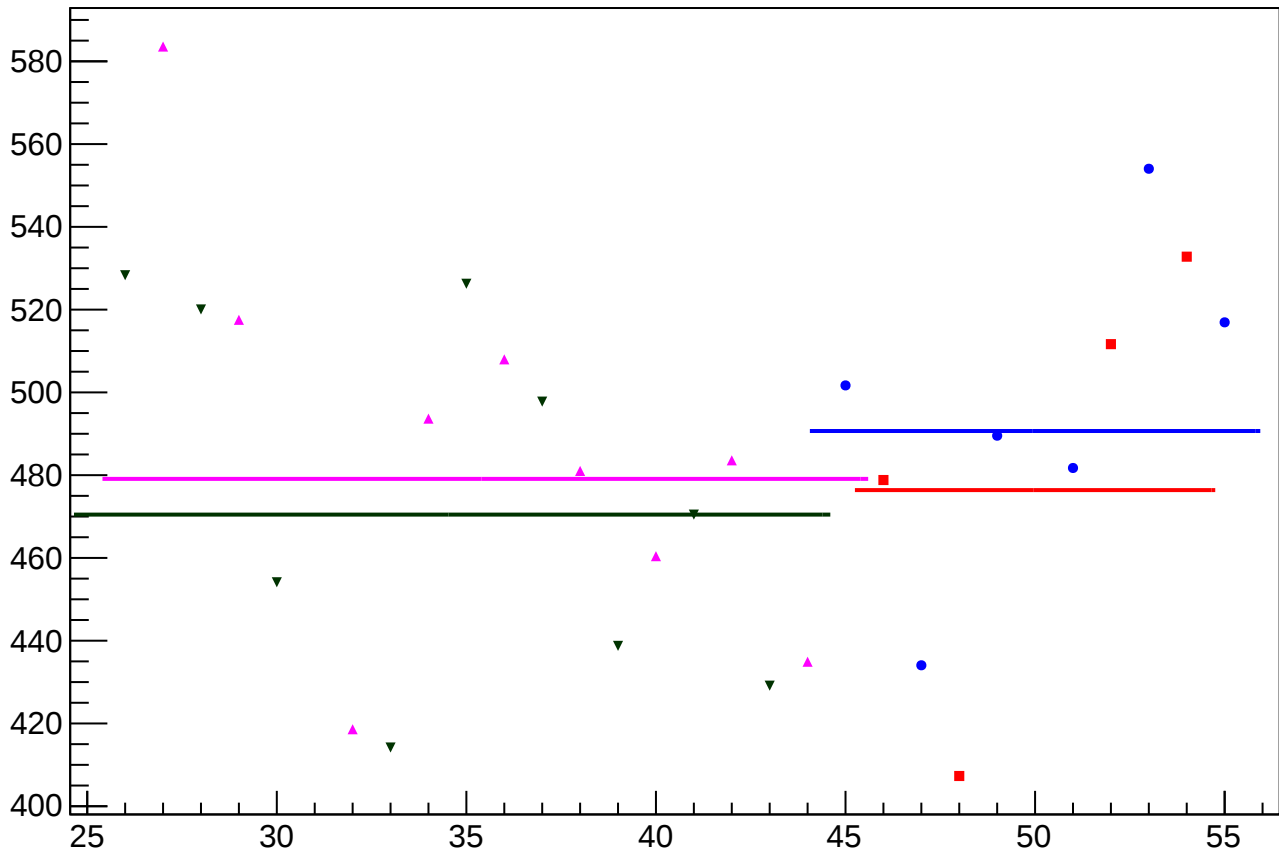
Right Out: 257.505 $\pm$ 338.193 χ^2/NDF : 5.7/3

Left In: 712.252 $\pm$ 204.302 χ^2/NDF : 13.3/8

-115.821 $\pm$ 165.923 χ^2/NDF : 36.7/14

590.669 $\pm$ 174.870 χ^2/NDF : 20.3/12

reg_asym_sam_37_dd_rms vs slug



Right In: 490.670 ± 0.185 χ^2/NDF : 33954.9/5

Left Out: 470.470 ± 0.152 χ^2/NDF : 74080.1/8

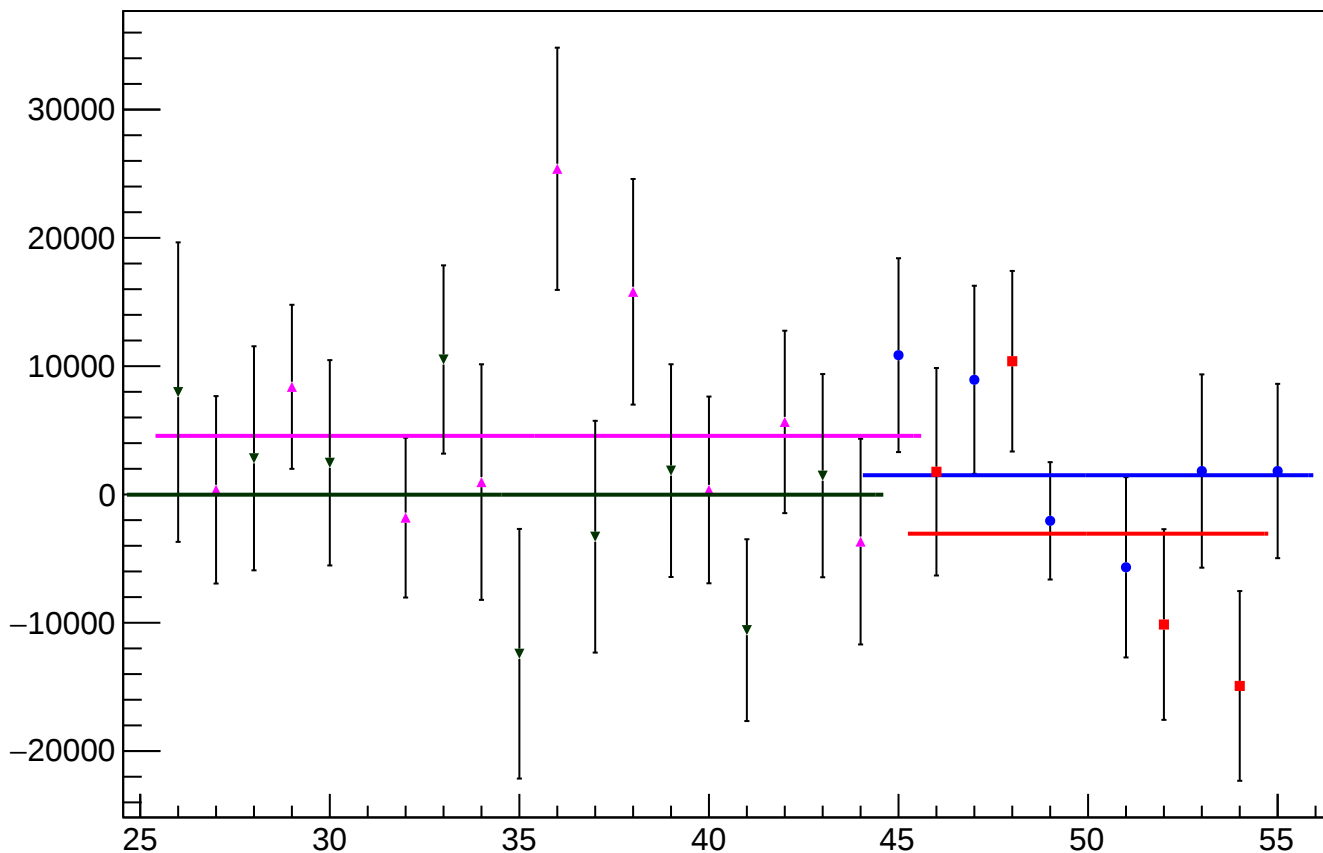
Right Out: 476.391 ± 0.239 χ^2/NDF : 42164.2/3

Left In: 479.100 ± 0.144 χ^2/NDF : 116132.1/8

478.603 ± 0.117 χ^2/NDF : 115164.5/14

478.376 ± 0.124 χ^2/NDF : 158390.3/12

asym_sam_37_dd_correction_mean vs slug



Right In: 1499.576 $\pm$ 2640.169 χ^2 /NDF: 4.2/5

Left Out: -17.487 $\pm$ 2796.410 χ^2 /NDF: 6.8/8

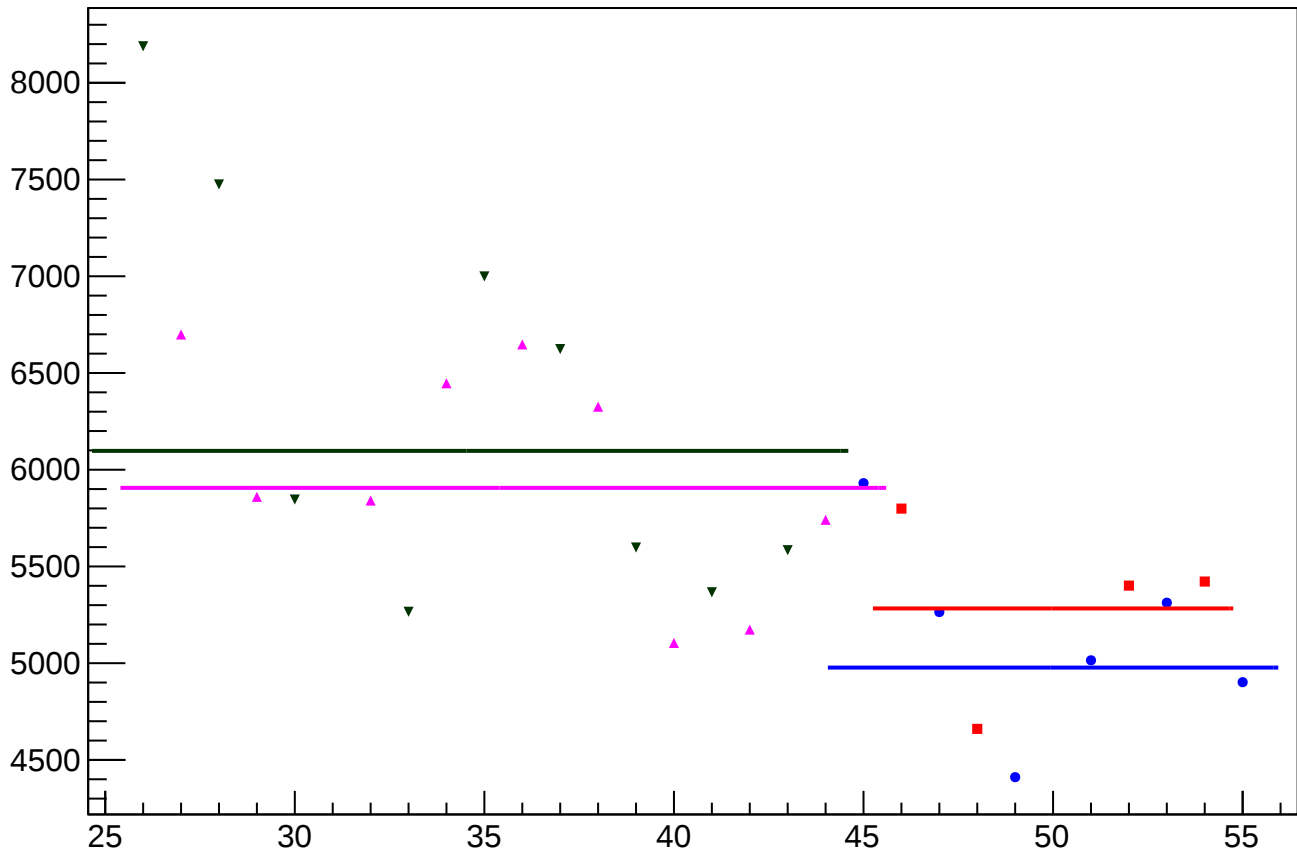
Right Out: -3056.634 $\pm$ 3729.738 χ^2 /NDF: 7.5/3

Left In: 4568.467 $\pm$ 2506.032 χ^2 /NDF: 9.8/8

784.607 $\pm$ 1919.741 χ^2 /NDF: 11.2/14

2196.776 $\pm$ 2080.102 χ^2 /NDF: 20.2/12

asym_sam_37_dd_correction_rms vs slug



Right In: 4977.314+/-1.867 χ^2/NDF : 69846.9/5

Left Out: 6097.446+/-1.977 χ^2/NDF : 202537.0/8

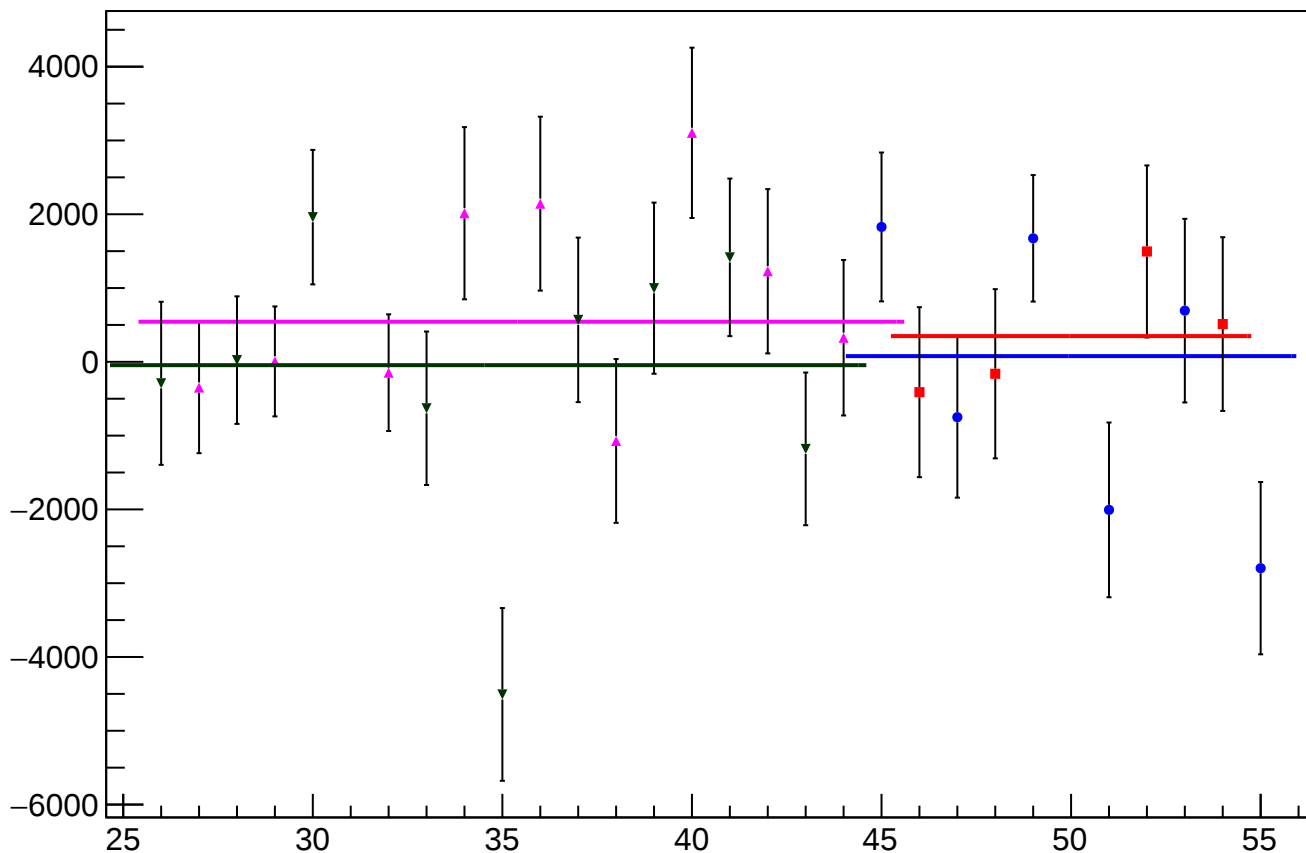
5505.215+/-1.357 χ^2/NDF : 442047.6/14

Right Out: 5283.010+/-2.637 χ^2/NDF : 25008.4/3

5712.429+/-1.471 χ^2/NDF : 157556.5/12

Left In: 5906.293+/-1.772 χ^2/NDF : 94067.7/8

reg_asym_sam_48_dd_mean vs slug



Right In: 77.362+/-435.325 χ^2/NDF : 16.5/5

Left Out: -45.235+/-345.547 χ^2/NDF : 23.9/8

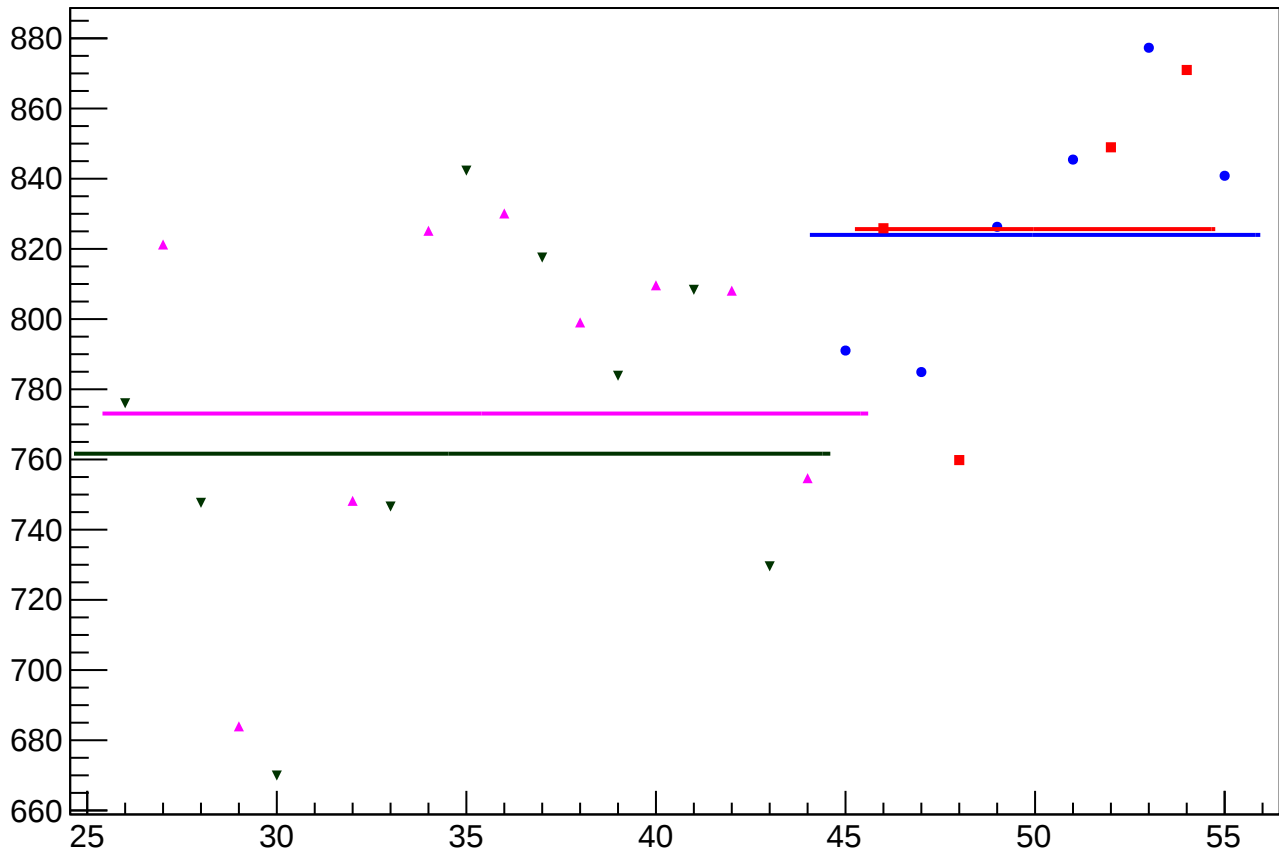
Right Out: 348.866+/-580.073 χ^2/NDF : 1.6/3

Left In: 543.555+/-326.377 χ^2/NDF : 13.2/8

2.152+/-270.648 χ^2/NDF : 40.4/14

496.741+/-284.444 χ^2/NDF : 14.9/12

reg_asym_sam_48_dd_rms vs slug



Right In: 823.990+/-0.308 χ^2/NDF : 9463.5/5

Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

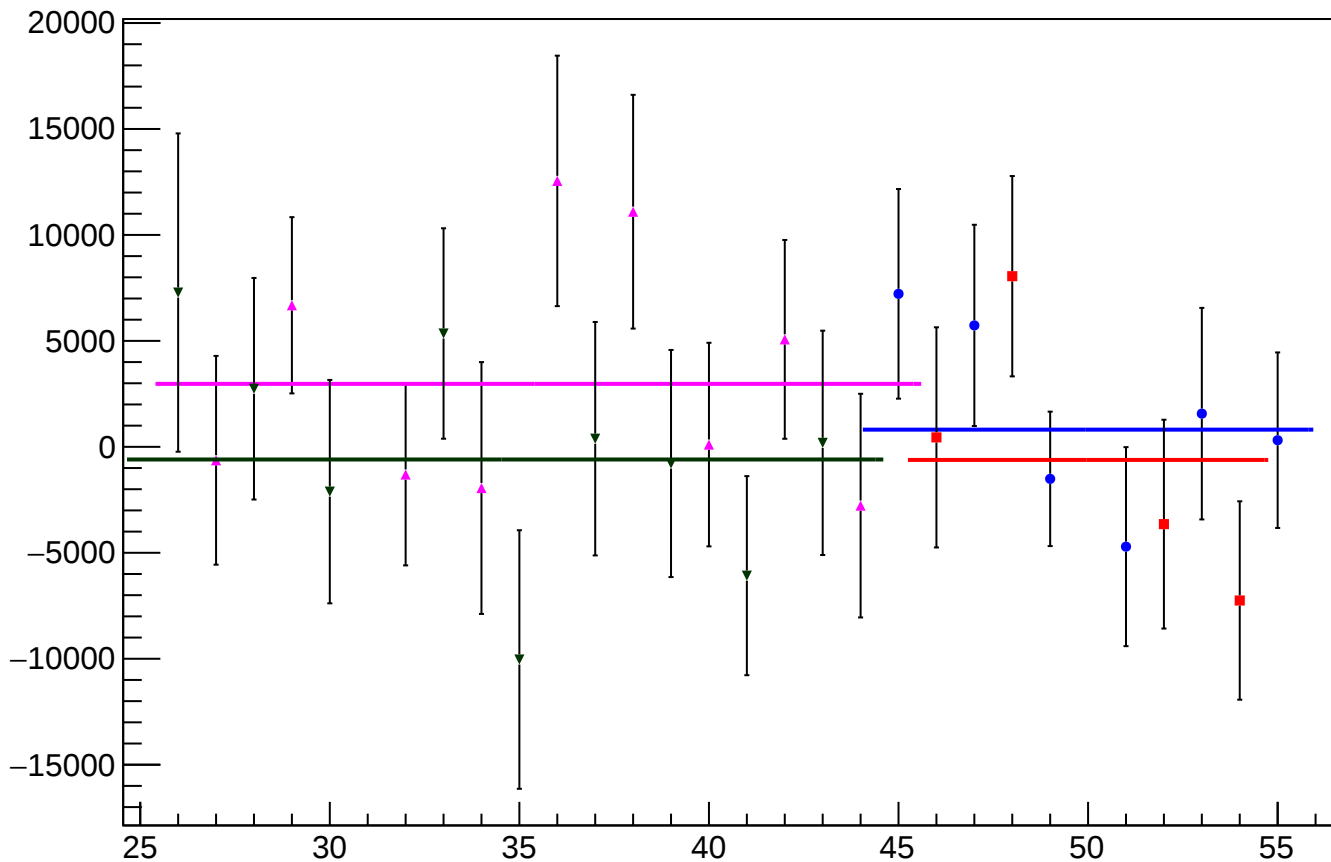
Right Out: 825.643+/-0.410 χ^2/NDF : 10355.2/3

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

785.745+/-0.191 χ^2/NDF : 77158.8/14

785.726+/-0.201 χ^2/NDF : 73632.6/12

asym_sam_48_dd_correction_mean vs slug



Right In: 811.748 $\pm$ 1744.988 χ^2 /NDF: 4.7/5

Left Out: -596.718 $\pm$ 1806.172 χ^2 /NDF: 6.8/8

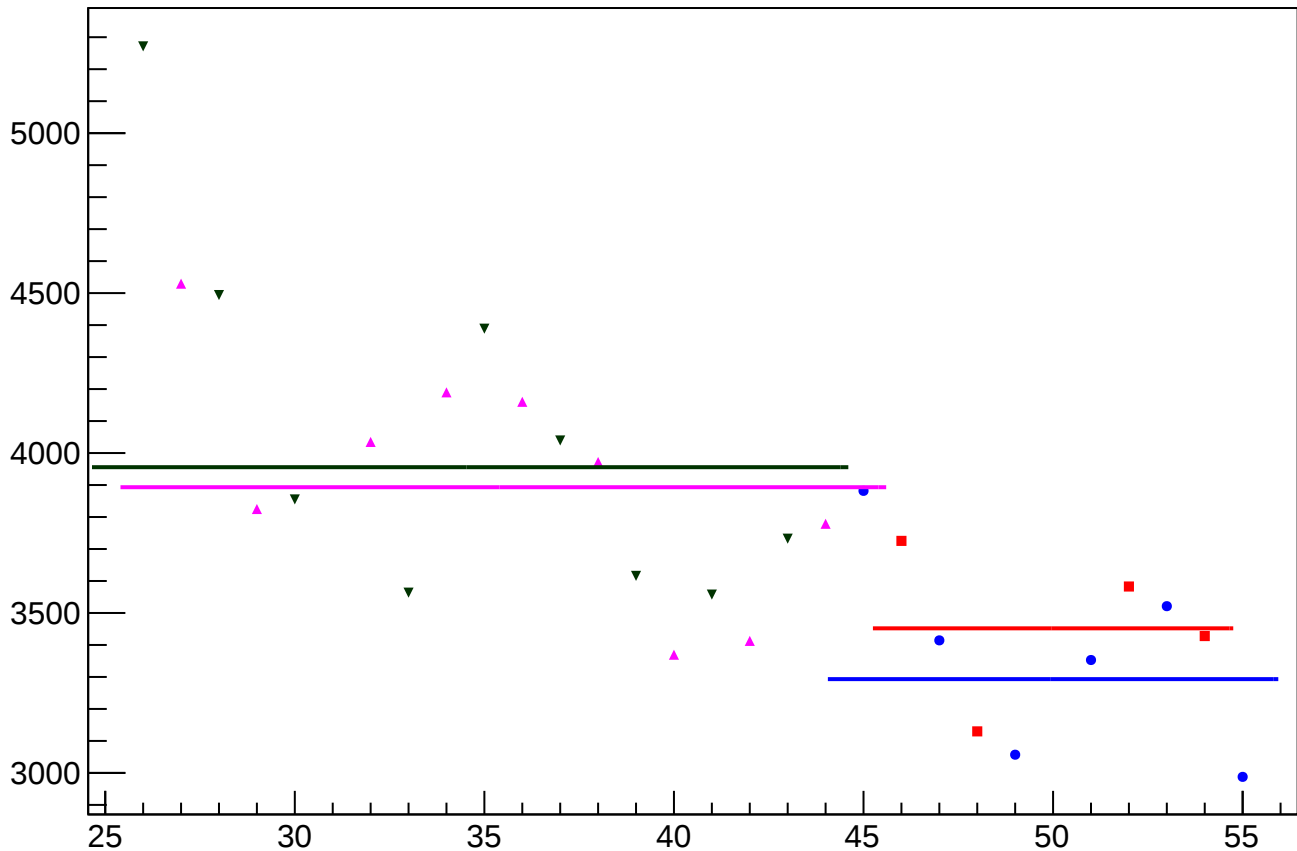
Right Out: -617.441 $\pm$ 2435.066 χ^2 /NDF: 5.8/3

Left In: 2972.241 $\pm$ 1648.547 χ^2 /NDF: 9.5/8

131.775 $\pm$ 1254.966 χ^2 /NDF: 11.9/14

1844.056 $\pm$ 1365.127 χ^2 /NDF: 16.8/12

asym_sam_48_dd_correction_rms vs slug



Right In: 3293.209 ± 1.234 χ^2/NDF : 56099.4/5

Left Out: 3955.749 ± 1.277 χ^2/NDF : 132278.2/8

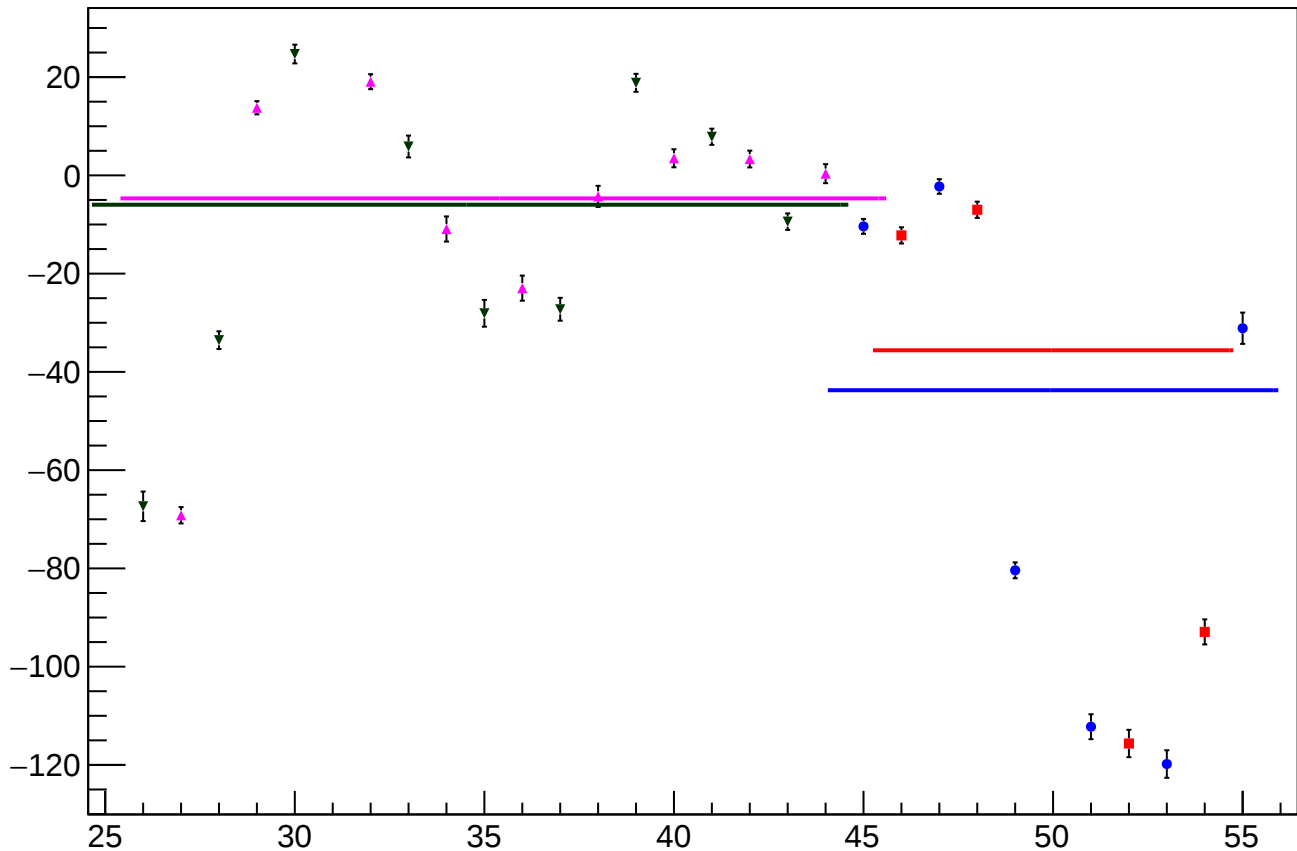
Right Out: 3451.987 ± 1.722 χ^2/NDF : 16291.7/3

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.8/8

3613.067 ± 0.887 χ^2/NDF : 327569.3/14

3754.497 ± 0.965 χ^2/NDF : 152552.3/12

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -43.733+/-0.779 χ^2/NDF : 3248.4/5

Left Out: -5.976+/-0.669 χ^2/NDF :1346.2/8

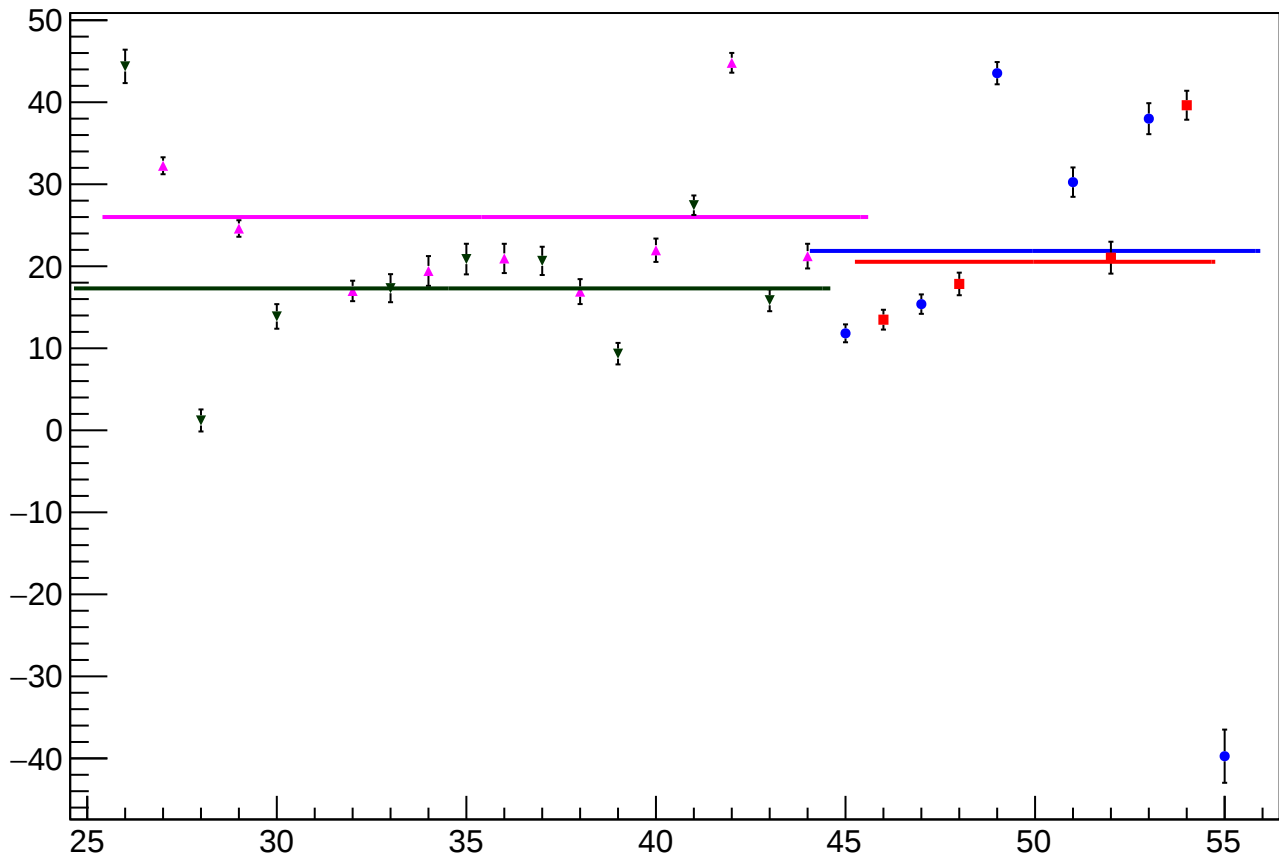
Right Out: -35.606+/-0.991 χ^2/NDF : 1831.0/3

Left In: -4.687+/-0.600 χ^2/NDF :2042.2/8

-21.985+/-0.507 χ^2/NDF : 5946.4/14

-12.983+/-0.513 χ^2/NDF : 4585.0/12

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 21.870 $\pm$ 0.600 χ^2 /NDF: 825.3/5

Left Out: 17.301 $\pm$ 0.497 χ^2 /NDF: 443.8/8

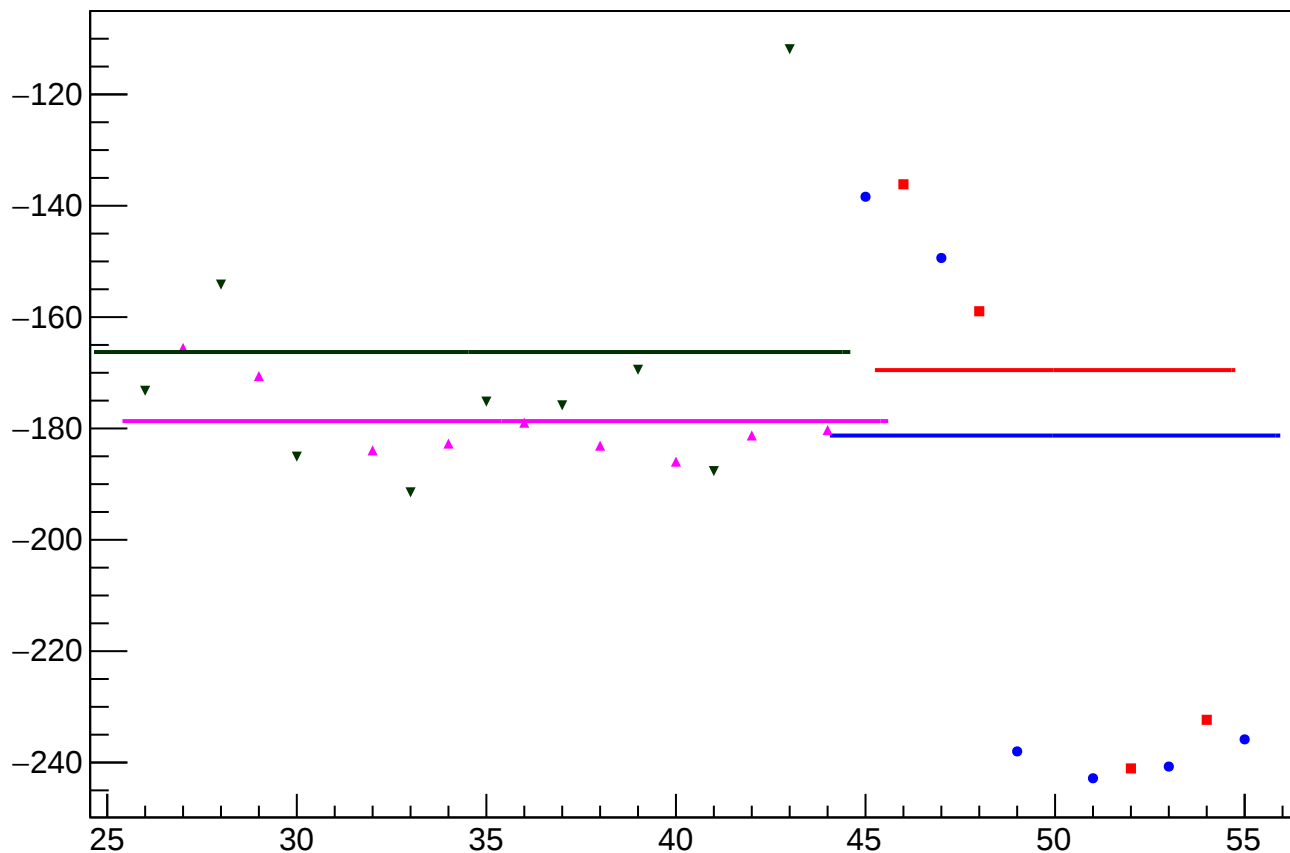
Right Out: 20.546 $\pm$ 0.746 χ^2 /NDF: 155.0/3

Left In: 26.003 $\pm$ 0.437 χ^2 /NDF: 409.3/8

19.159 $\pm$ 0.382 χ^2 /NDF: 1303.5/14

24.609 $\pm$ 0.377 χ^2 /NDF: 604.1/12

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -181.273+/-0.136 χ^2/NDF : 119684.2/5

Left Out: -166.272+/-0.112 χ^2/NDF : 54572.5/8

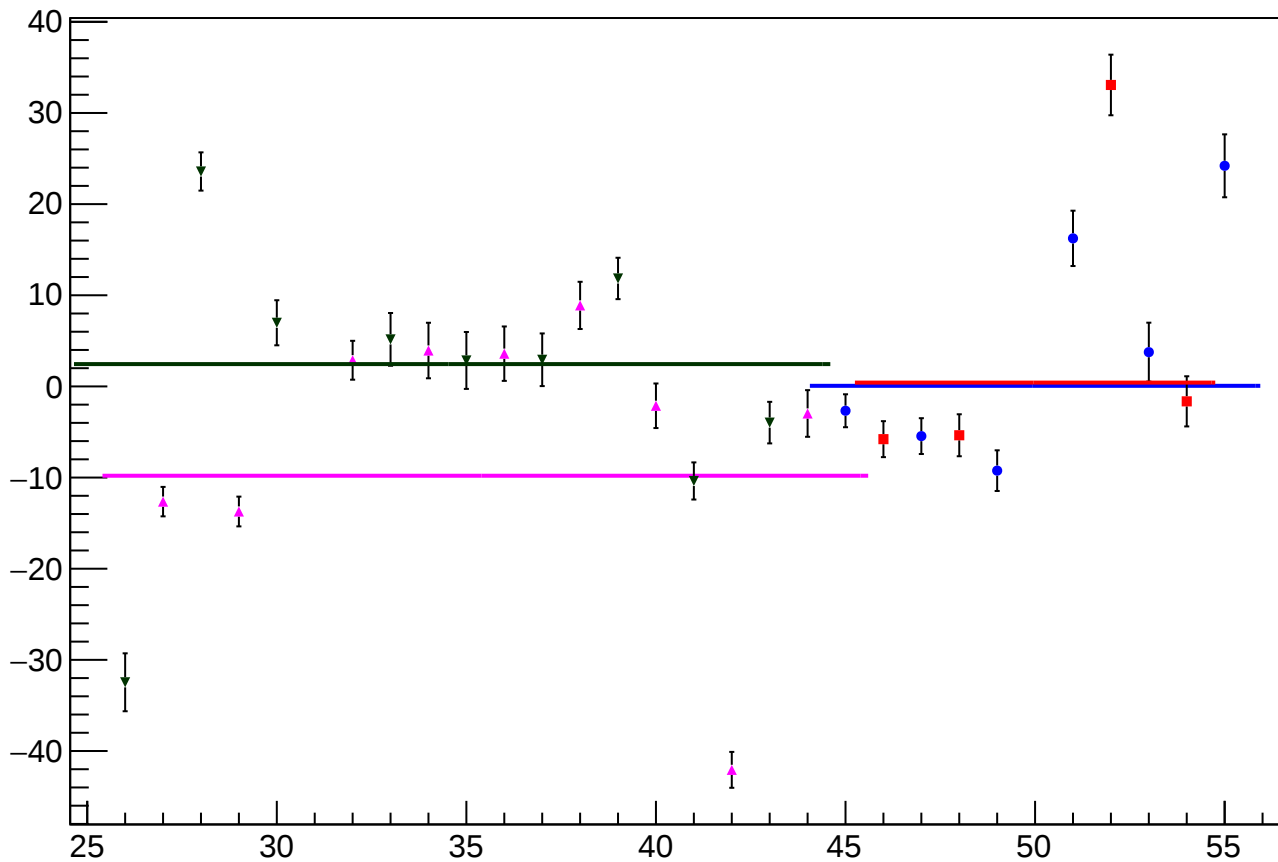
Right Out: -169.518+/-0.162 χ^2/NDF : 64184.3/3

Left In: -178.677+/-0.104 χ^2/NDF : 4273.4/8

-172.364+/-0.086 χ^2/NDF : 181525.4/14

-176.029+/-0.087 χ^2/NDF : 70716.3/12

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 0.065 ± 0.974 χ^2/NDF : 106.2/5

Left Out: 2.449 ± 0.828 χ^2/NDF : 291.1/8

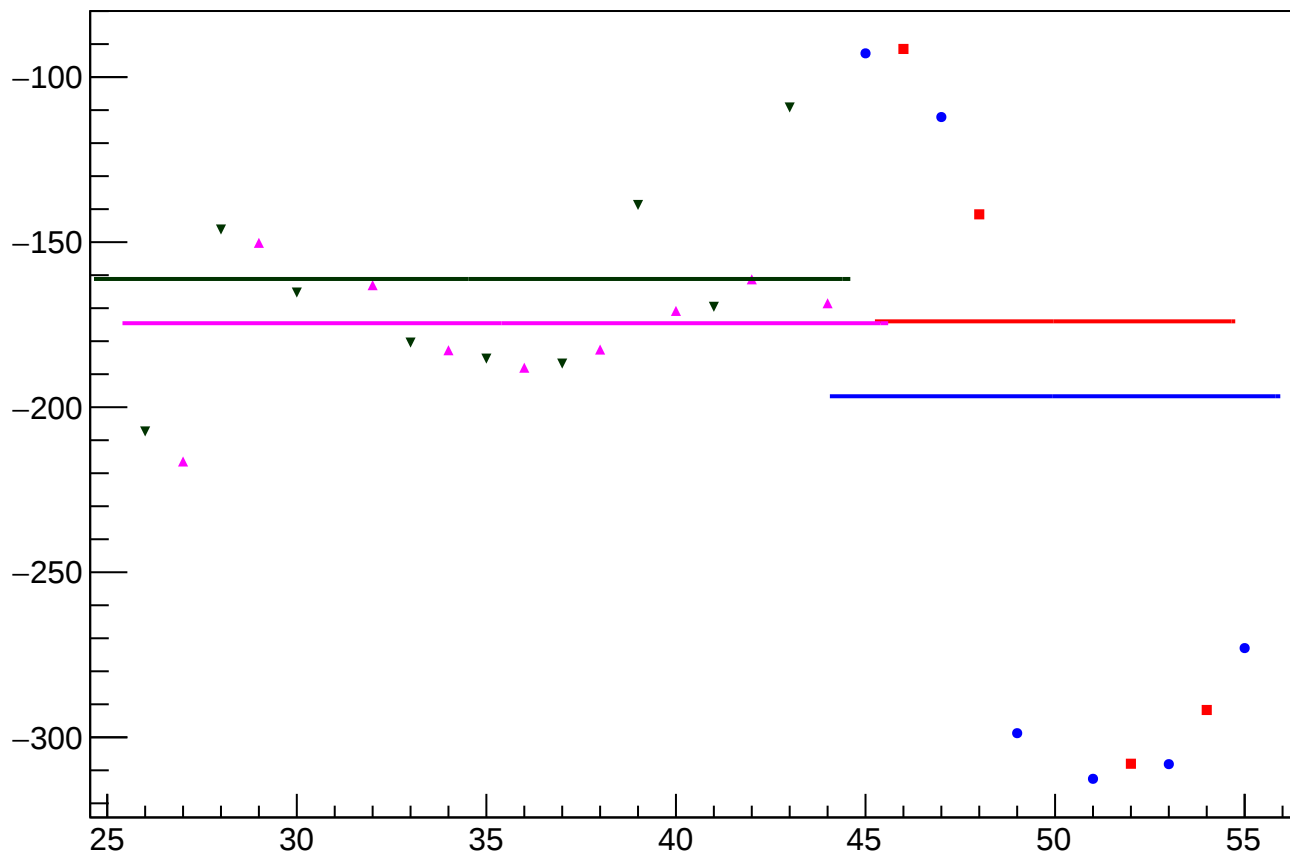
Right Out: 0.420 ± 1.224 χ^2/NDF : 113.2/3

Left In: -9.799 ± 0.721 χ^2/NDF : 422.2/8

1.449 ± 0.631 χ^2/NDF : 400.7/14

-7.167 ± 0.621 χ^2/NDF : 587.2/12

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -196.682 ± 0.189 χ^2/NDF : 275390.9/5

Left Out: -161.152 ± 0.151 χ^2/NDF : 35710.6/8

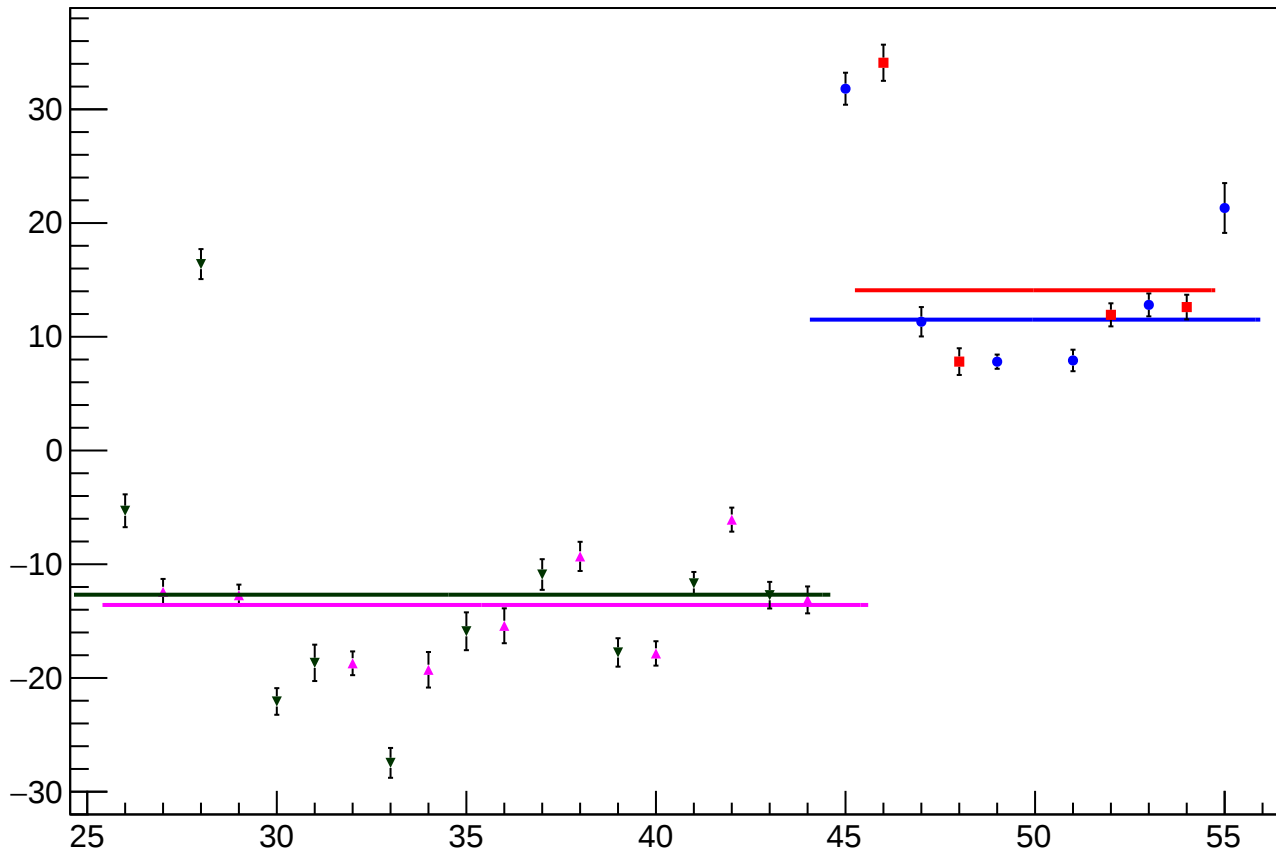
Right Out: -173.987 ± 0.239 χ^2/NDF : 141817.4/3

Left In: -174.553 ± 0.152 χ^2/NDF : 17338.1/8

-175.026 ± 0.118 χ^2/NDF : 332643.1/14

-174.391 ± 0.128 χ^2/NDF : 159159.5/12

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 11.508 ± 0.409 χ^2/NDF : 279.1/5

Left Out: -12.678 ± 0.407 χ^2/NDF : 739.7/9

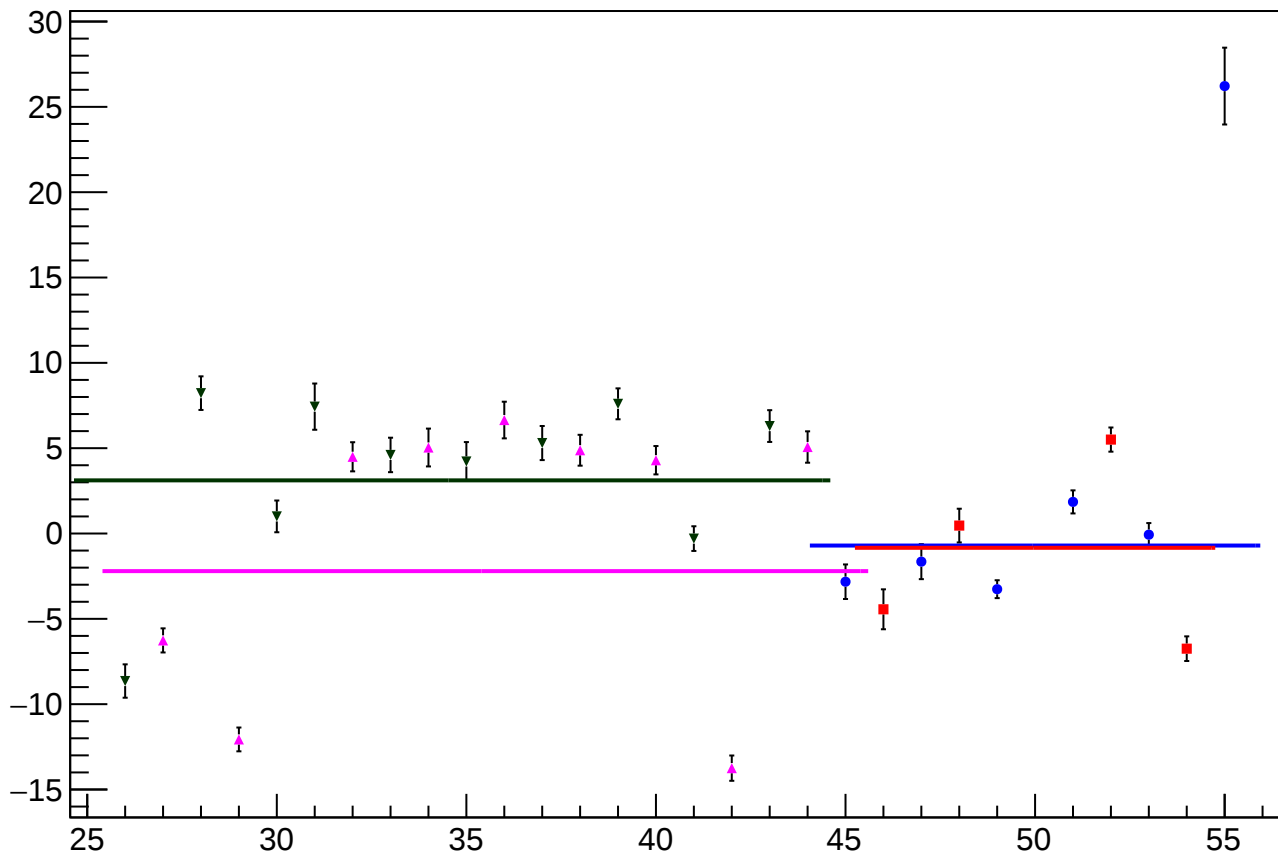
Right Out: 14.090 ± 0.583 χ^2/NDF : 193.2/3

Left In: -13.580 ± 0.384 χ^2/NDF : 118.2/8

-0.651 ± 0.289 χ^2/NDF : 2773.3/15

-5.187 ± 0.321 χ^2/NDF : 1882.5/12

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -0.705 ± 0.315 χ^2/NDF : 187.3/5

Left Out: 3.114 ± 0.304 χ^2/NDF : 253.2/9

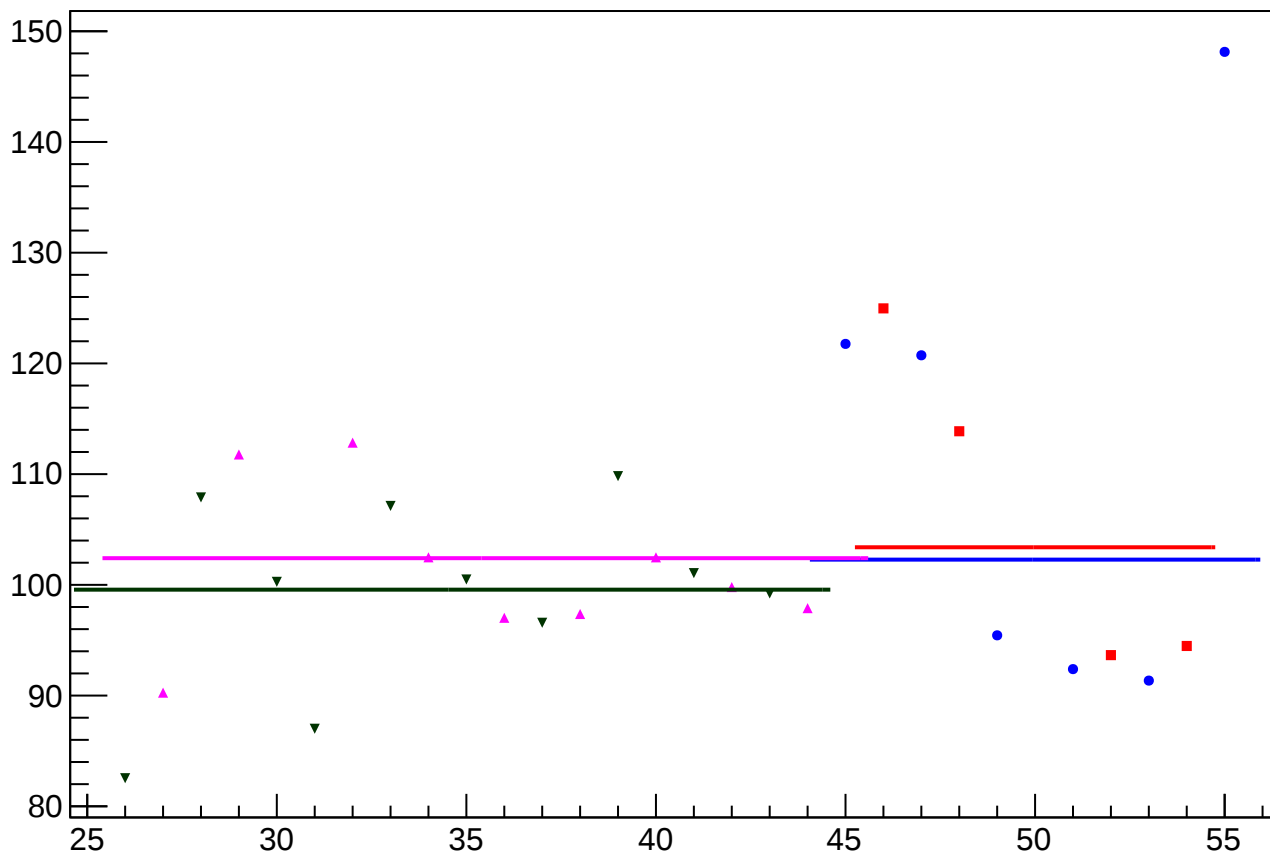
Right Out: -0.837 ± 0.420 χ^2/NDF : 158.4/3

Left In: -2.204 ± 0.280 χ^2/NDF : 833.1/8

1.269 ± 0.219 χ^2/NDF : 516.7/15

-1.785 ± 0.233 χ^2/NDF : 998.9/12

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 102.279+/-0.075 χ^2/NDF : 39612.3/5

Left Out: 99.566+/-0.067 χ^2/NDF :14211.8/9

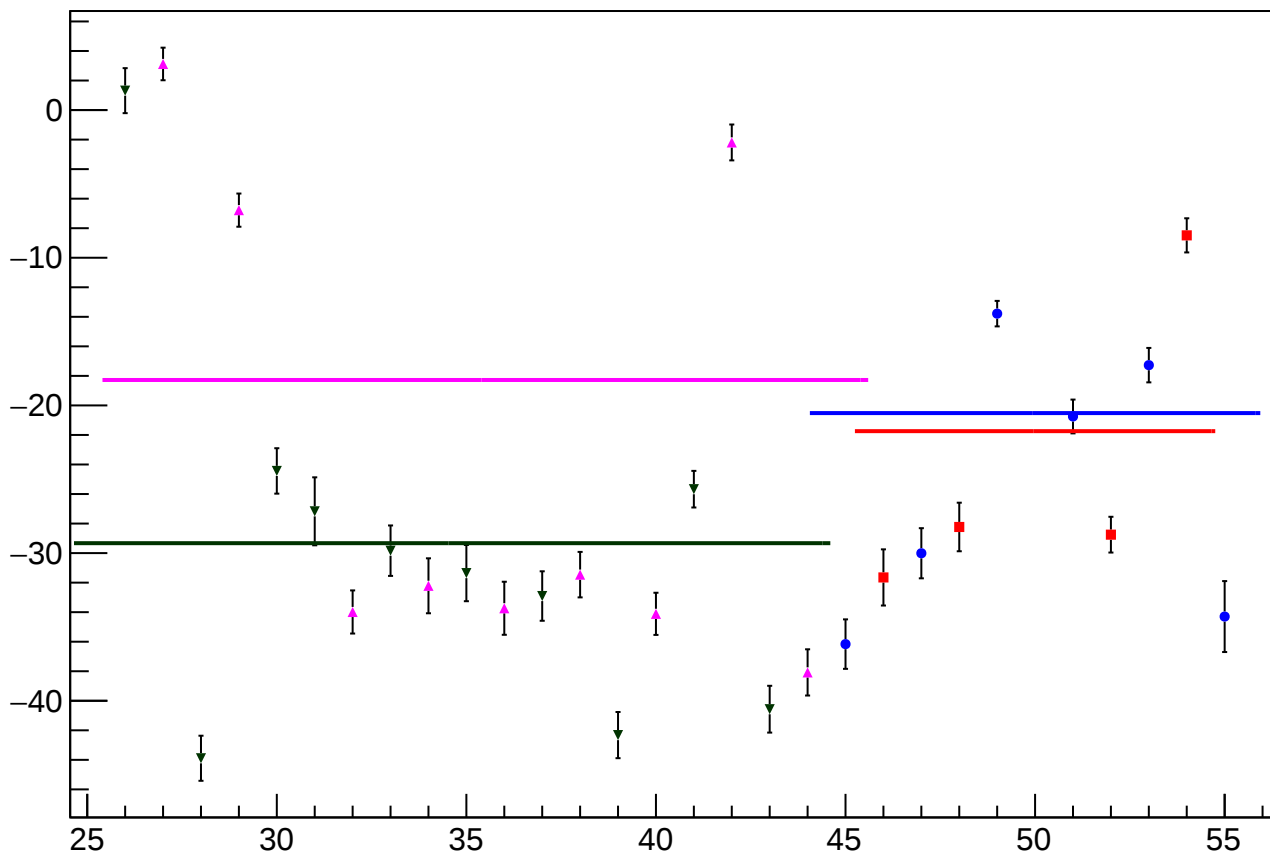
Right Out: 103.394+/-0.098 χ^2/NDF : 16125.8/3

Left In: 102.409+/-0.066 χ^2/NDF :12175.8/8

100.757+/-0.050 χ^2/NDF : 54548.7/15

102.715+/-0.055 χ^2/NDF : 28370.7/12

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -20.519 ± 0.519 $\chi^2/\text{NDF}: 220.0/5$

Left Out: -29.328 ± 0.506 $\chi^2/\text{NDF}: 640.3/9$

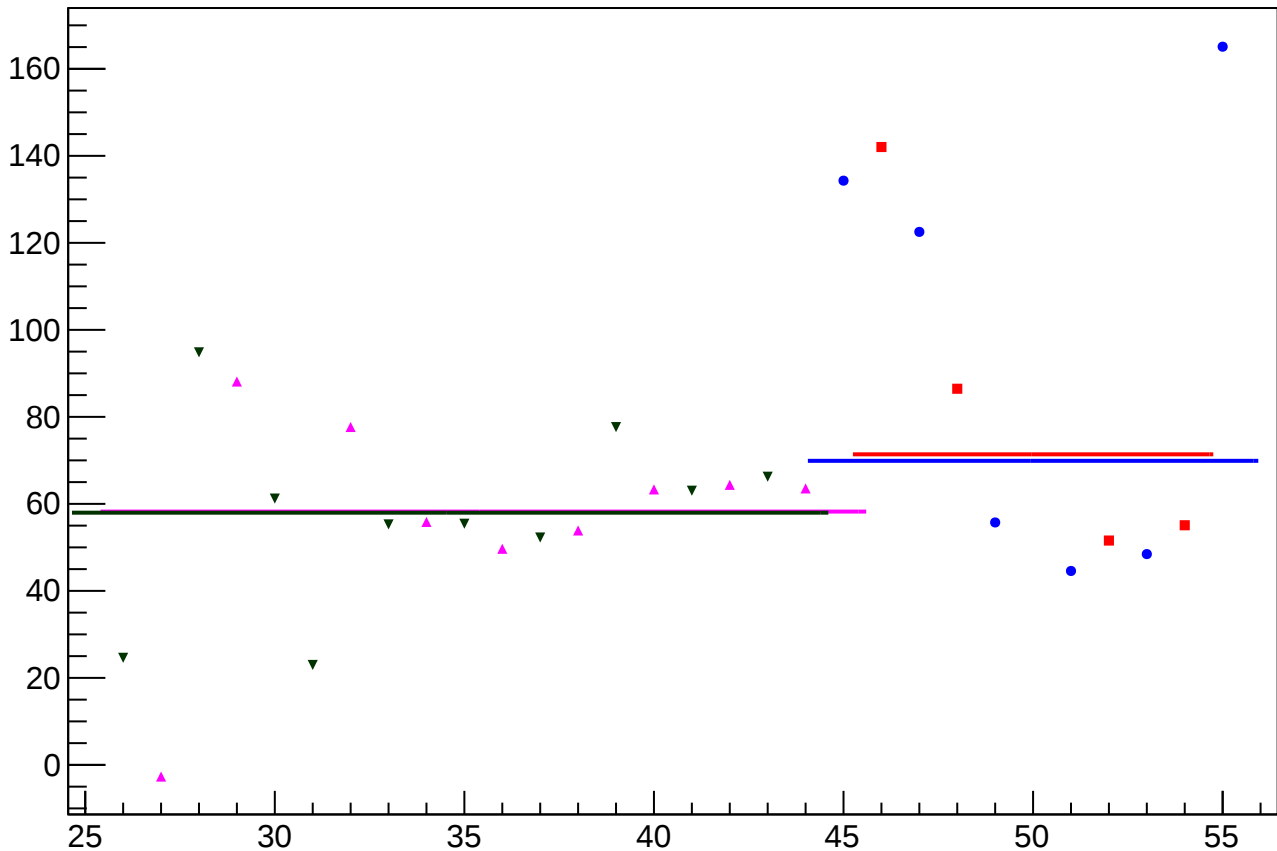
-25.031 ± 0.362 $\chi^2/\text{NDF}: 1008.2/15$

Right Out: -21.743 ± 0.694 $\chi^2/\text{NDF}: 207.7/3$

-19.343 ± 0.385 $\chi^2/\text{NDF}: 1483.9/12$

Left In: -18.278 ± 0.462 $\chi^2/\text{NDF}: 1258.8/8$

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 69.894 $\pm$ 0.099 χ^2/NDF : 135390.6/5

Left Out: 57.976 $\pm$ 0.092 χ^2/NDF : 48326.9/9

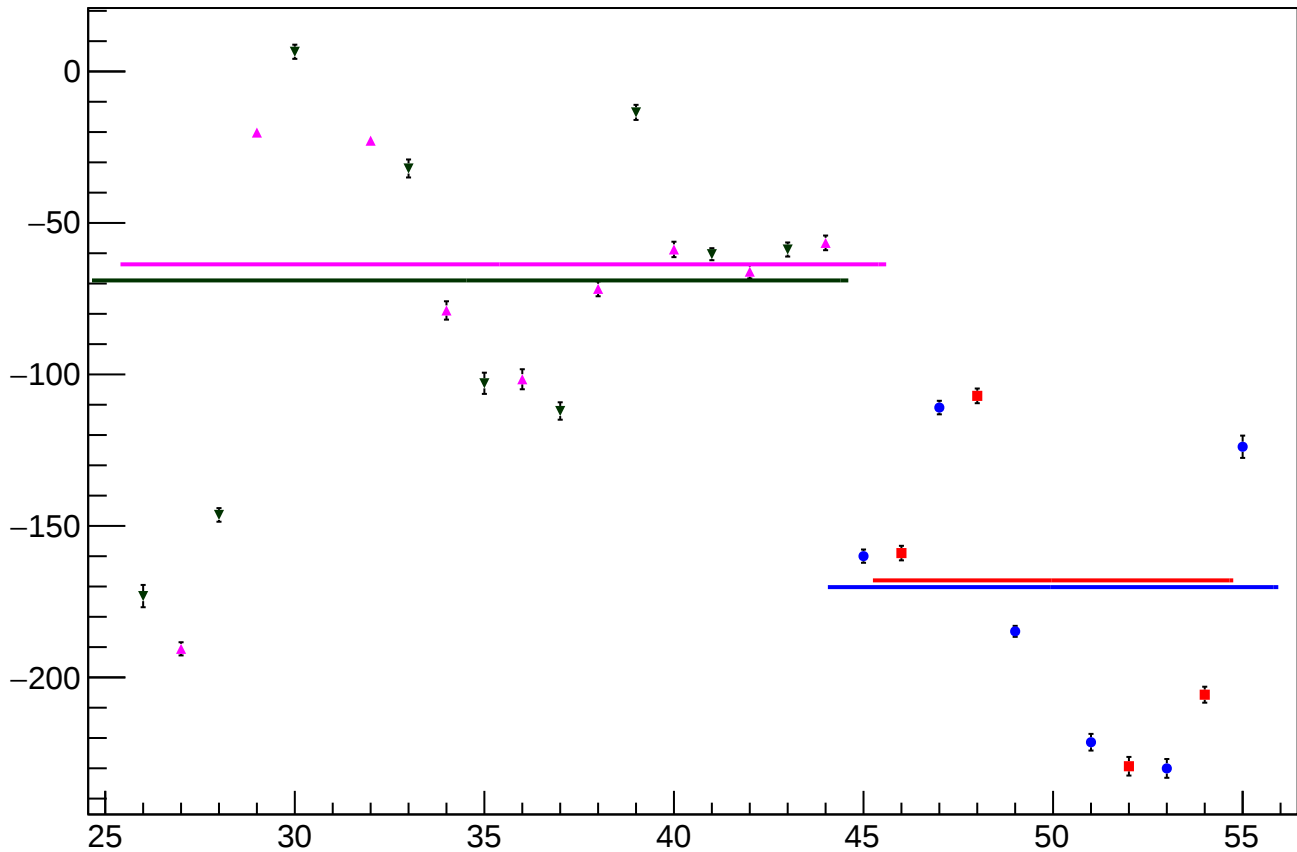
Right Out: 71.390 $\pm$ 0.132 χ^2/NDF : 51361.8/3

Left In: 58.229 $\pm$ 0.096 χ^2/NDF : 65783.8/8

63.477 $\pm$ 0.067 χ^2/NDF : 191538.6/15

62.780 $\pm$ 0.078 χ^2/NDF : 123634.6/12

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -170.200 ± 0.989 $\chi^2/\text{NDF}: 1666.1/5$

Left Out: -68.974 ± 0.854 $\chi^2/\text{NDF}: 4033.6/8$

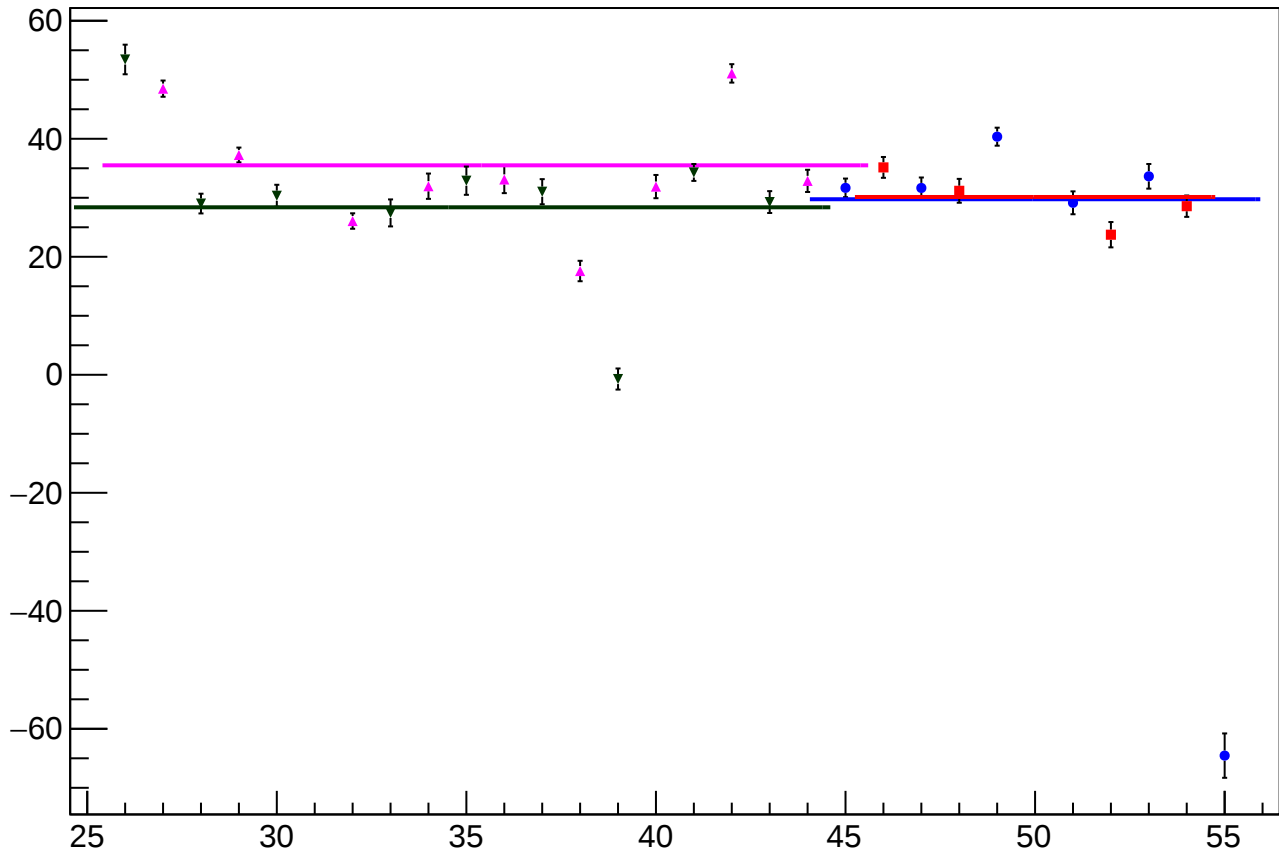
Right Out: -167.976 ± 1.299 $\chi^2/\text{NDF}: 1247.5/3$

Left In: -63.663 ± 0.734 $\chi^2/\text{NDF}: 4921.5/8$

-112.219 ± 0.647 $\chi^2/\text{NDF}: 11697.2/14$

-88.896 ± 0.639 $\chi^2/\text{NDF}: 11057.5/12$

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 29.751 $\pm$ 0.763 χ^2 /NDF: 683.7/5

Left Out: 28.386 $\pm$ 0.635 χ^2 /NDF: 388.2/8

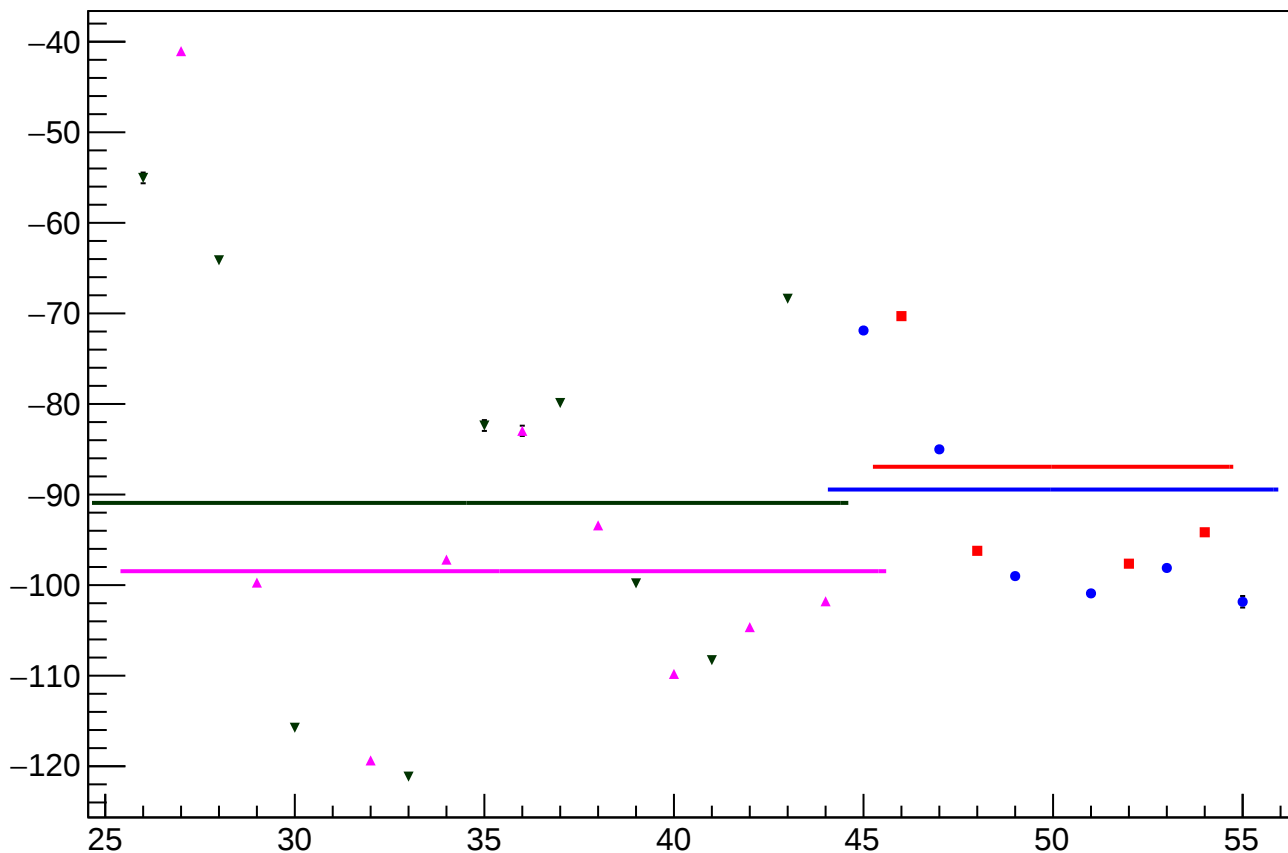
Right Out: 30.134 $\pm$ 0.959 χ^2 /NDF: 17.9/3

Left In: 35.499 $\pm$ 0.540 χ^2 /NDF: 358.9/8

28.944 $\pm$ 0.488 χ^2 /NDF: 1073.7/14

34.210 $\pm$ 0.470 χ^2 /NDF: 400.6/12

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -89.447+/-0.175 χ^2/NDF : 4504.4/5

Left Out: -90.923+/-0.142 χ^2/NDF : 23966.6/8

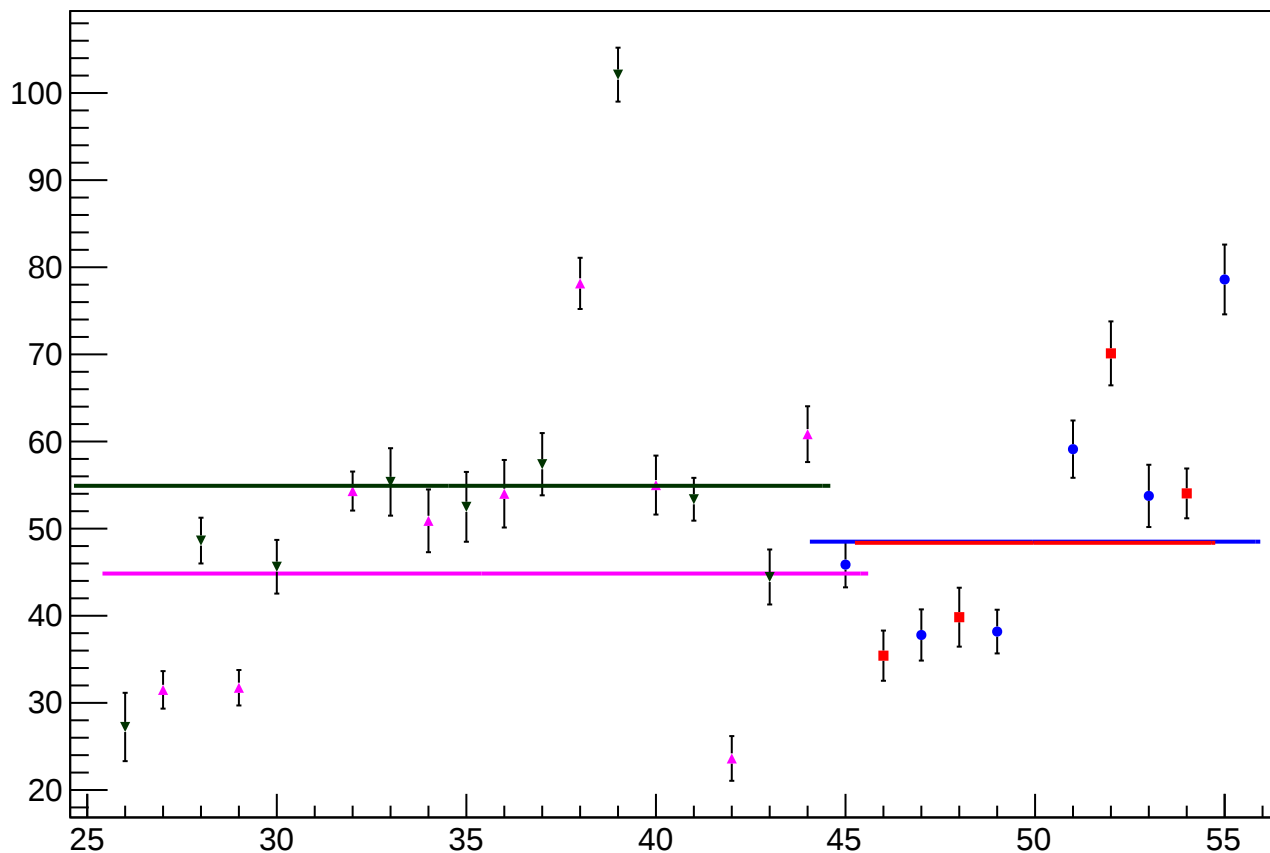
Right Out: -86.932+/-0.212 χ^2/NDF : 3281.2/3

Left In: -98.464+/-0.125 χ^2/NDF : 31724.1/8

-90.337+/-0.111 χ^2/NDF : 28513.7/14

-95.514+/-0.107 χ^2/NDF : 37197.5/12

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 48.505+/-1.236 χ^2/NDF : 100.3/5

Left Out: 54.915+/-1.058 χ^2/NDF : 309.2/8

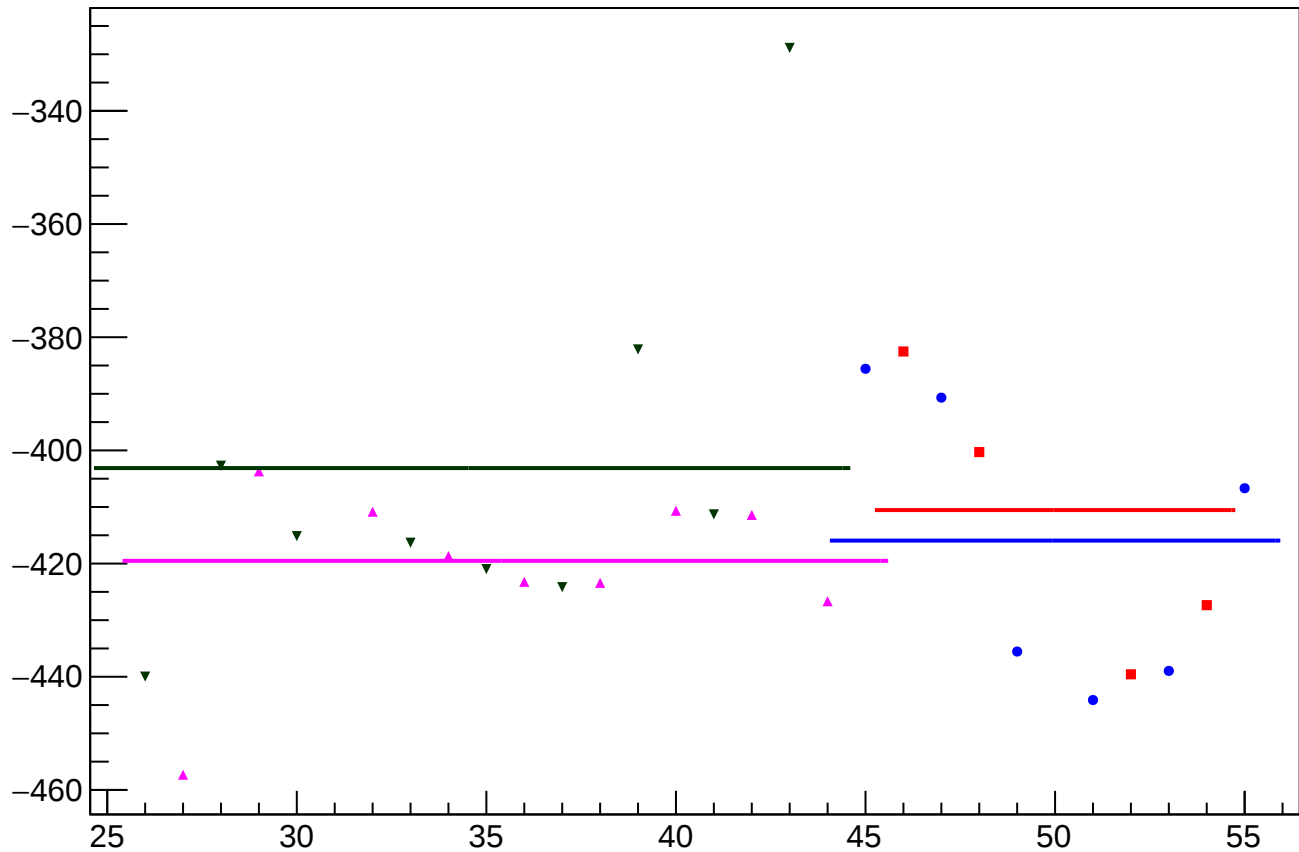
Right Out: 48.373+/-1.572 χ^2/NDF : 65.6/3

Left In: 44.844+/-0.893 χ^2/NDF : 337.0/8

52.203+/-0.804 χ^2/NDF : 425.1/14

45.706+/-0.777 χ^2/NDF : 406.4/12

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -415.937 $\pm$ 0.239 χ^2 /NDF: 10266.0/5

Left Out: -403.123 $\pm$ 0.196 χ^2 /NDF: 24564.7/8

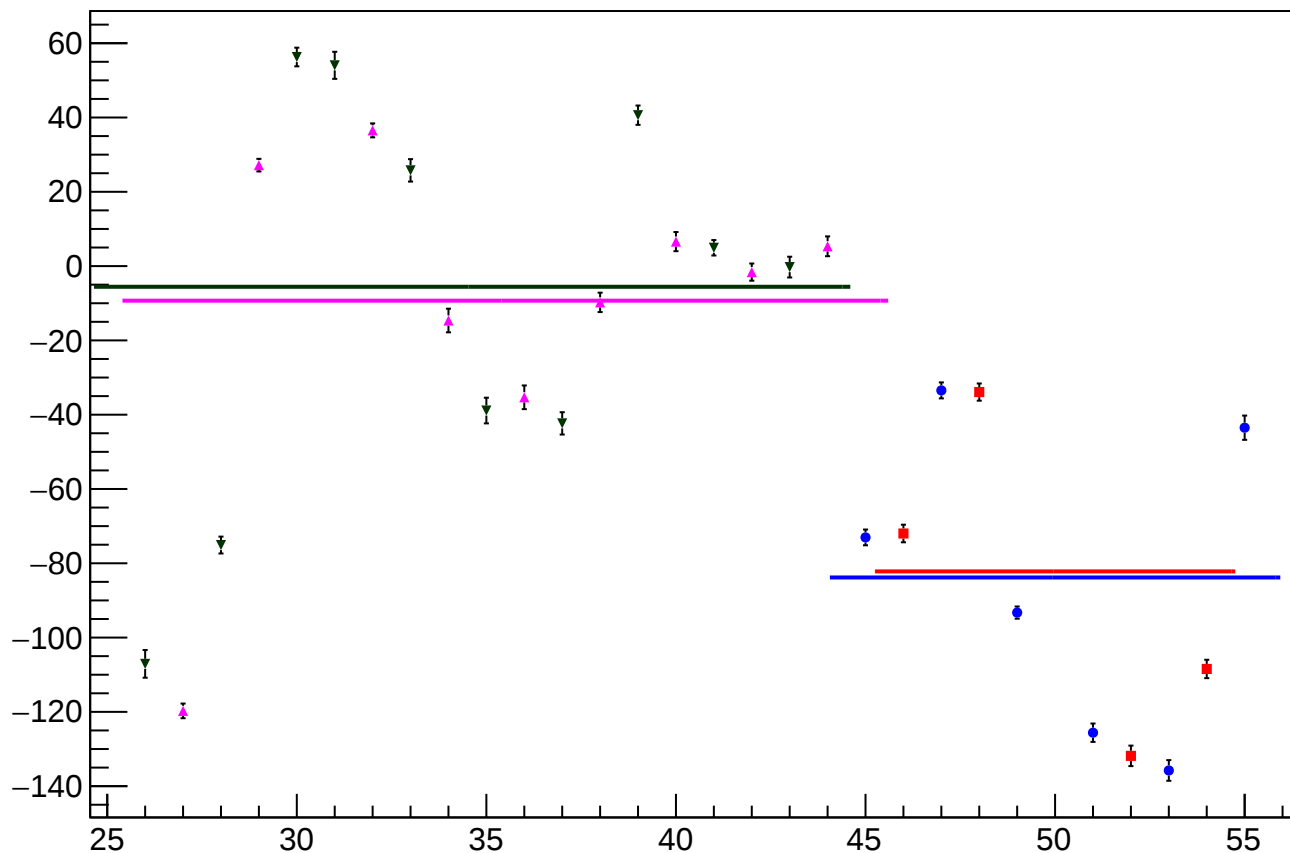
Right Out: -410.546 $\pm$ 0.309 χ^2 /NDF: 5473.0/3

Left In: -419.518 $\pm$ 0.188 χ^2 /NDF: 6841.4/8

-408.272 $\pm$ 0.152 χ^2 /NDF: 36547.3/14

-417.082 $\pm$ 0.161 χ^2 /NDF: 12930.2/12

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -83.822 ± 0.914 χ^2/NDF : 1392.5/5

Left Out: -5.564 ± 0.873 χ^2/NDF : 3249.0/9

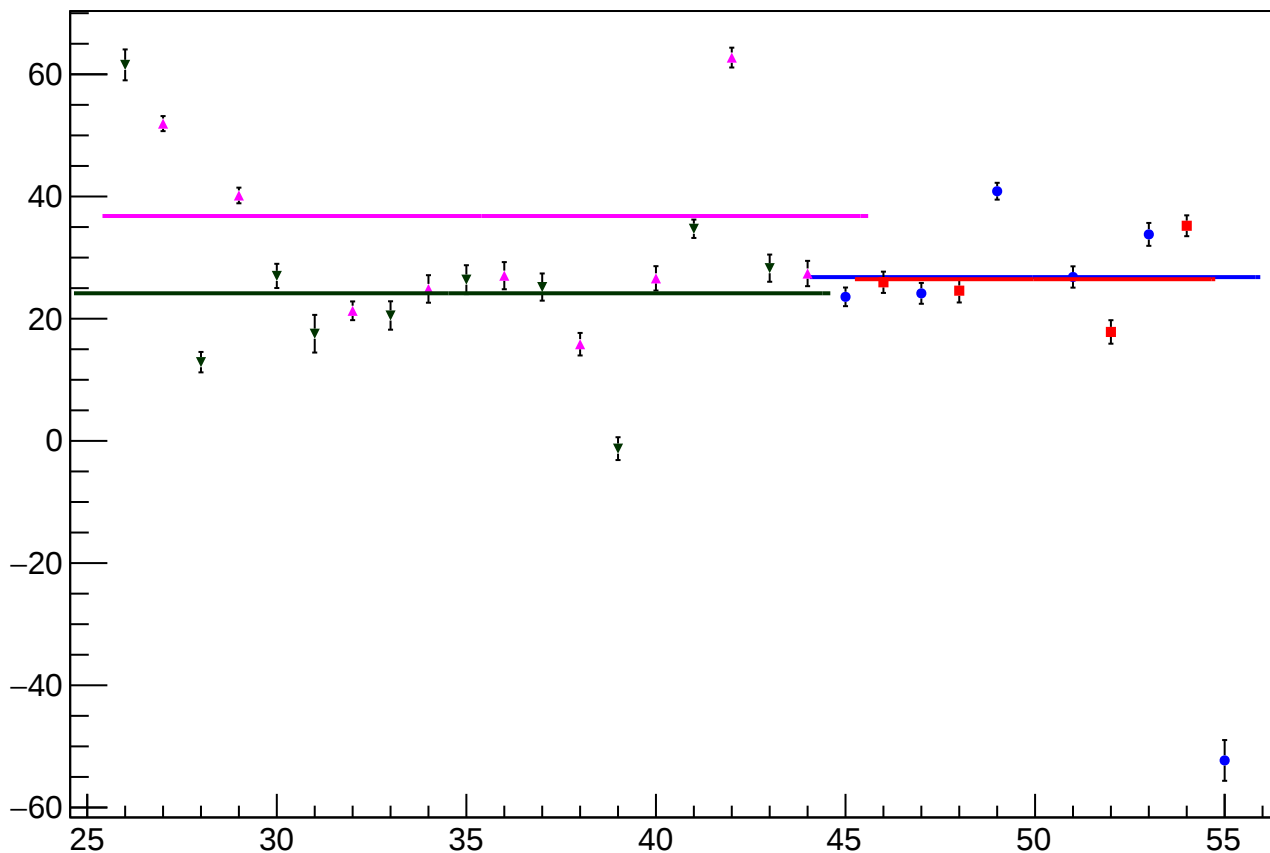
Right Out: -82.186 ± 1.231 χ^2/NDF : 890.8/3

Left In: -9.304 ± 0.765 χ^2/NDF : 4334.5/8

-42.896 ± 0.632 χ^2/NDF : 8471.7/15

-29.612 ± 0.650 χ^2/NDF : 7752.9/12

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 26.807 ± 0.707 χ^2/NDF : 688.1/5

Left Out: 24.159 ± 0.649 χ^2/NDF : 512.4/9

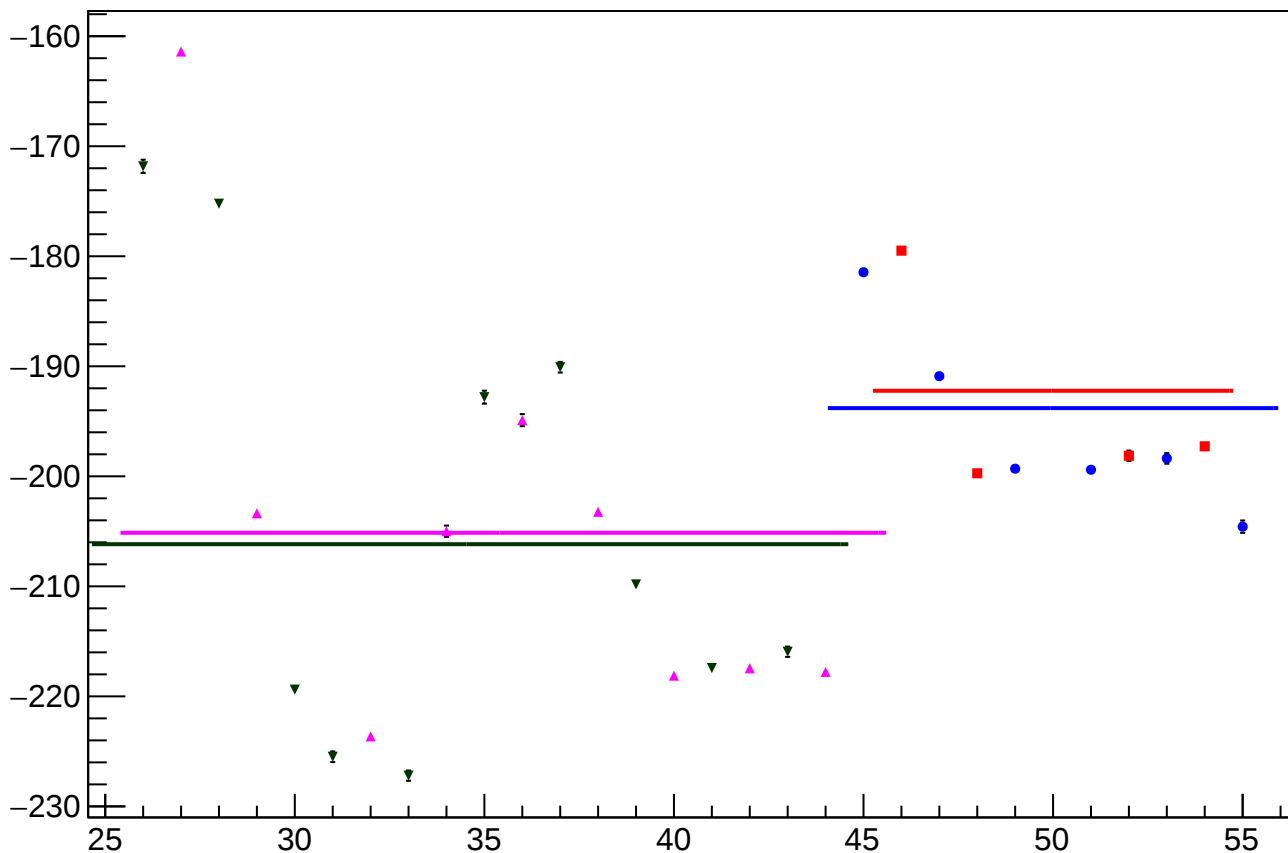
Right Out: 26.464 ± 0.909 χ^2/NDF : 47.4/3

Left In: 36.807 ± 0.555 χ^2/NDF : 738.6/8

25.371 ± 0.478 χ^2/NDF : 1208.0/15

33.998 ± 0.474 χ^2/NDF : 880.4/12

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -193.802 +/- 0.163 χ^2/NDF : 2275.4/5

Left Out: -206.170 +/- 0.144 χ^2/NDF : 16992.5/9

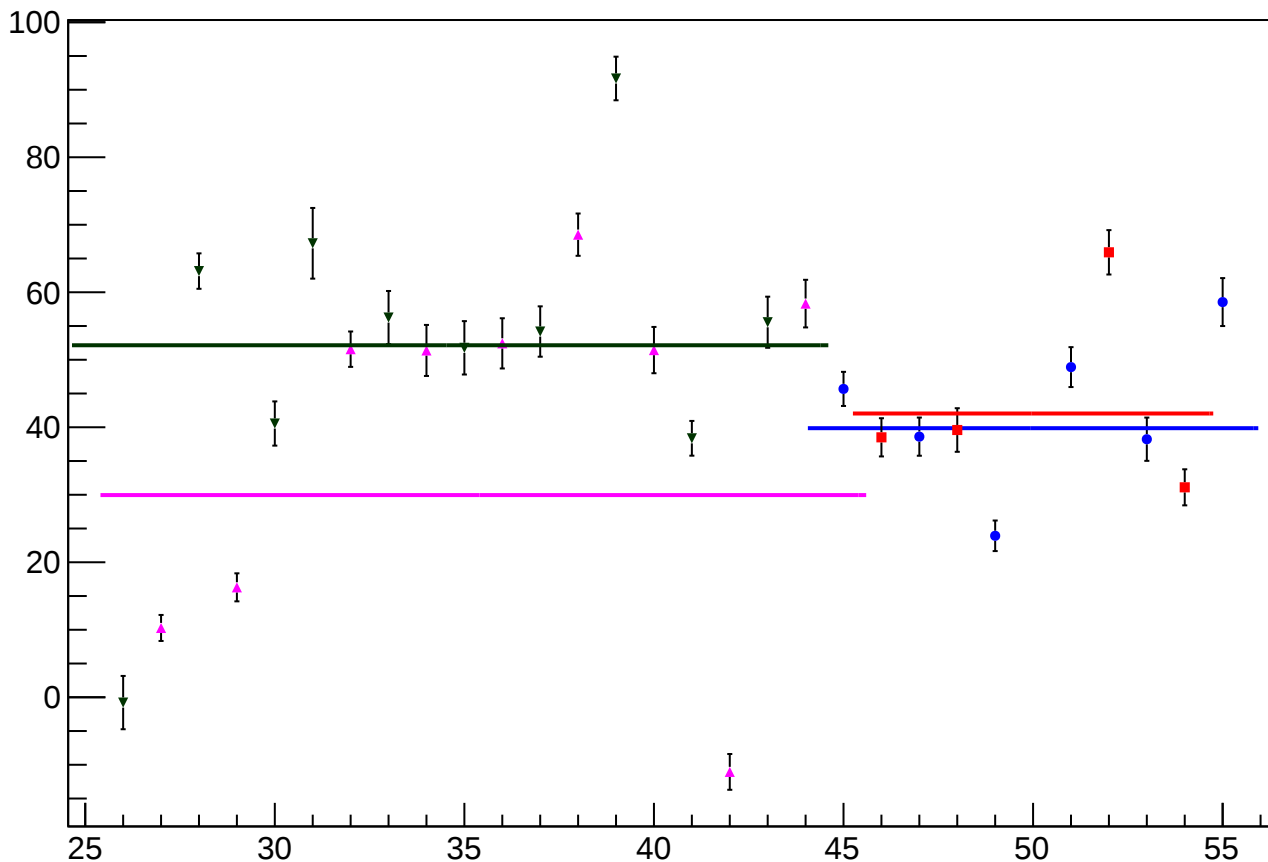
Right Out: -192.226 +/- 0.203 χ^2/NDF : 1912.7/3

Left In: -205.134 +/- 0.132 χ^2/NDF : 22564.1/8

-200.739 +/- 0.108 χ^2/NDF : 22503.1/15

-201.321 +/- 0.110 χ^2/NDF : 27319.6/12

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 39.863+/-1.141 χ^2/NDF : 92.4/5

Left Out: 52.148+/-1.081 χ^2/NDF : 398.7/9

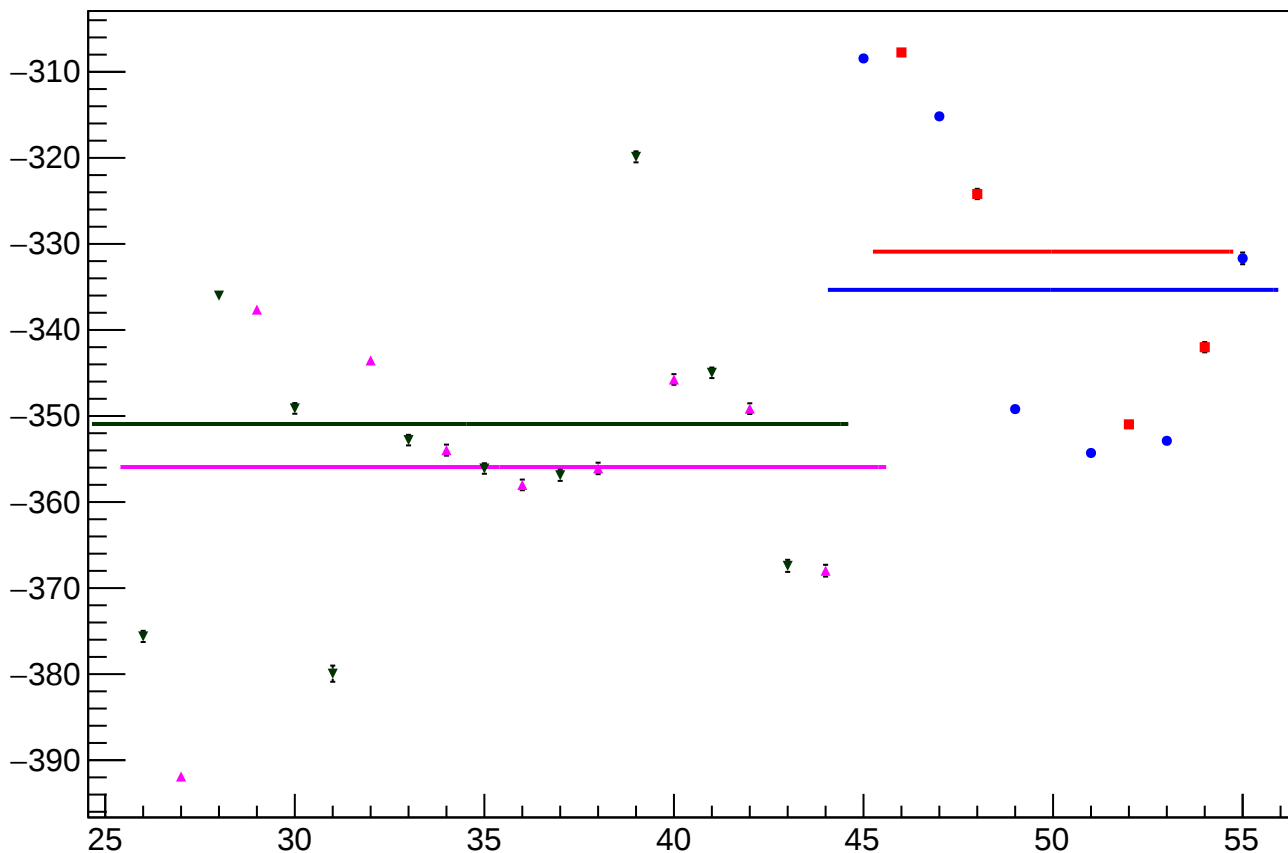
Right Out: 42.038+/-1.485 χ^2/NDF : 71.6/3

Left In: 29.954+/-0.913 χ^2/NDF : 779.2/8

46.338+/-0.785 χ^2/NDF : 552.2/15

33.270+/-0.778 χ^2/NDF : 898.9/12

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -335.339 ± 0.220 χ^2/NDF : 7178.7/5

Left Out: -350.928 ± 0.200 χ^2/NDF : 6500.1/9

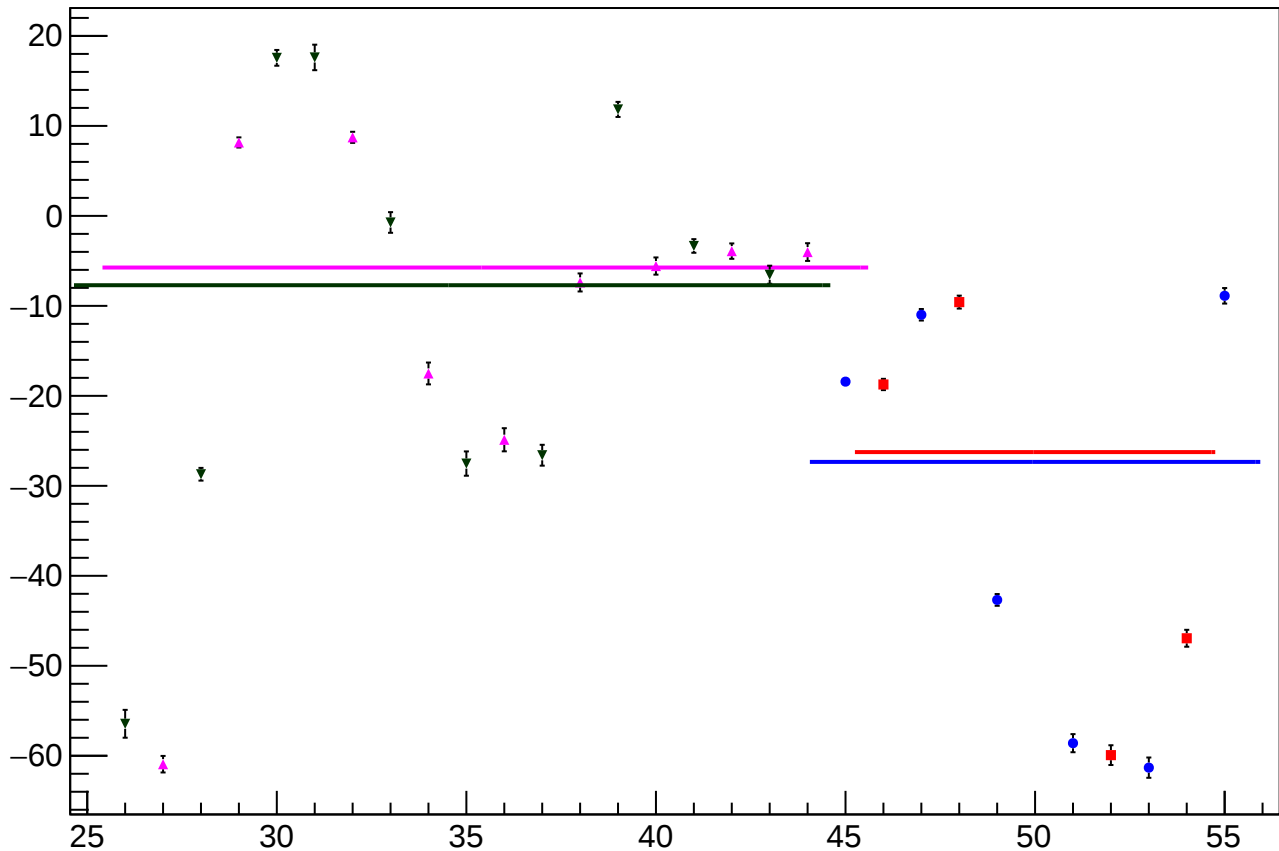
Right Out: -330.896 ± 0.290 χ^2/NDF : 3437.1/3

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.3/8

-343.905 ± 0.148 χ^2/NDF : 16425.8/15

-348.186 ± 0.161 χ^2/NDF : 16523.9/12

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -27.341 $\pm$ 0.300 χ^2 /NDF: 3792.7/5

Left Out: -7.705 $\pm$ 0.310 χ^2 /NDF: 4119.2/9

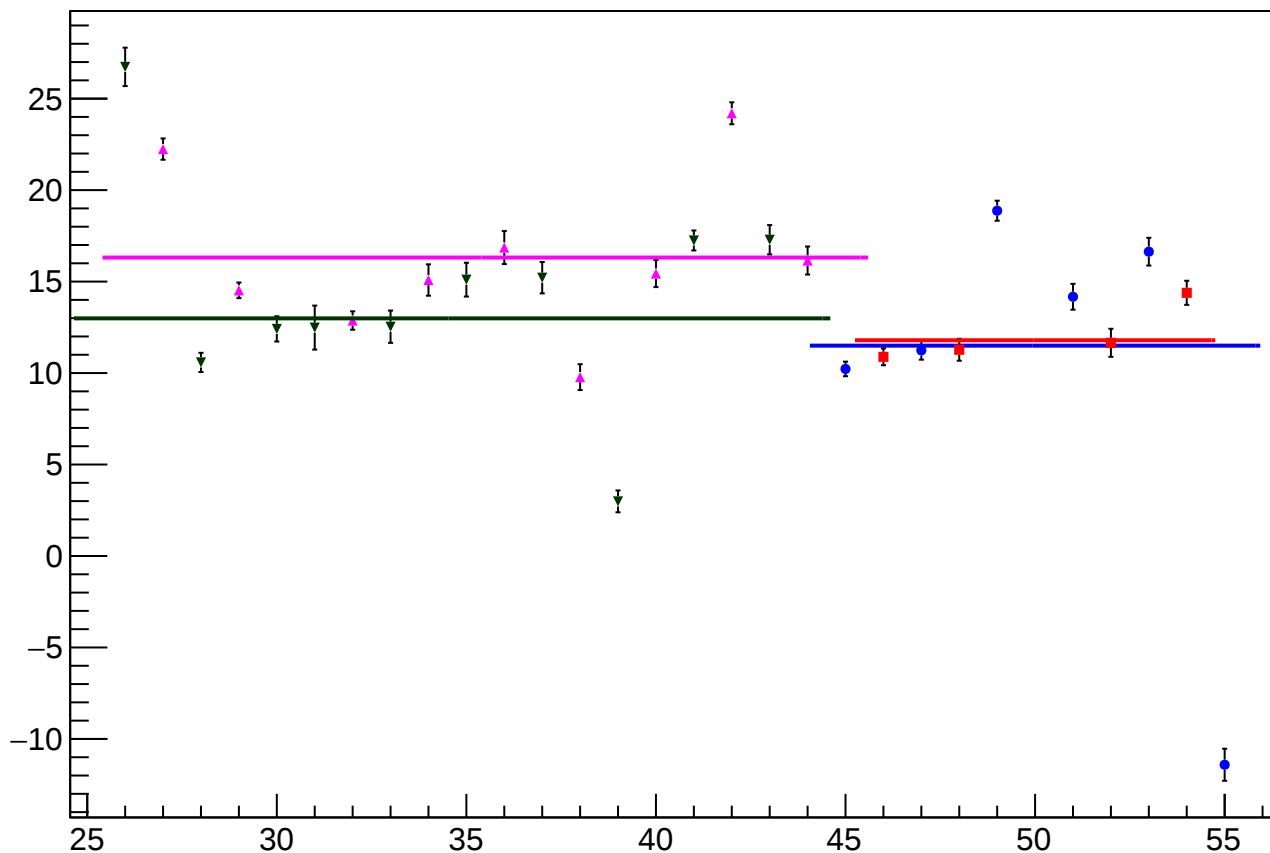
Right Out: -26.251 $\pm$ 0.394 χ^2 /NDF: 2105.5/3

Left In: -5.740 $\pm$ 0.280 χ^2 /NDF: 5095.7/8

-17.852 $\pm$ 0.215 χ^2 /NDF: 9988.5/15

-12.617 $\pm$ 0.228 χ^2 /NDF: 9000.5/12

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 11.498+/-0.232 χ^2/NDF : 933.5/5

Left Out: 12.989+/-0.230 χ^2/NDF : 575.2/9

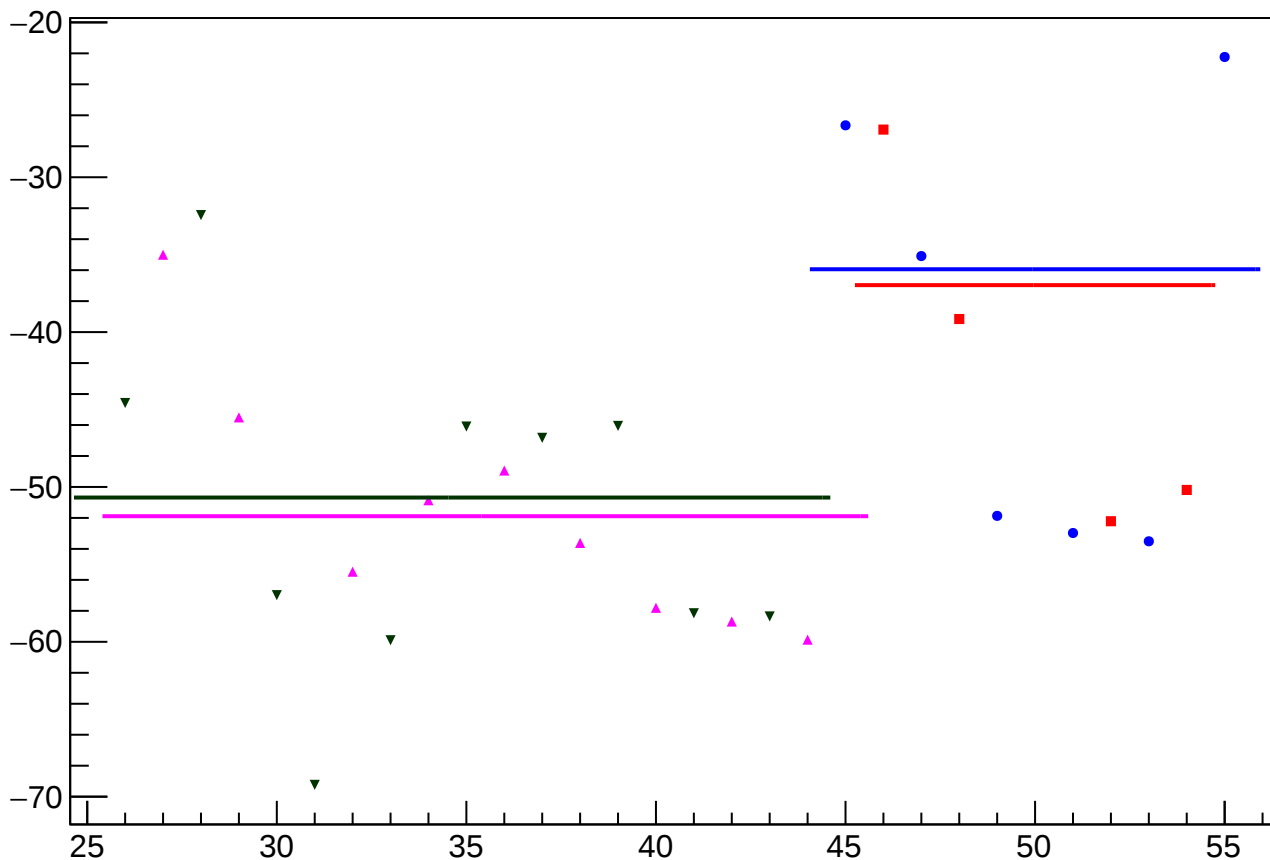
Right Out: 11.793+/-0.295 χ^2/NDF : 20.1/3

Left In: 16.313+/-0.207 χ^2/NDF : 430.4/8

12.251+/-0.164 χ^2/NDF : 1529.5/15

14.818+/-0.169 χ^2/NDF : 608.0/12

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -35.941 $\pm$ 0.052 χ^2 /NDF: 50469.0/5

Left Out: -50.683 $\pm$ 0.051 χ^2 /NDF: 44365.5/9

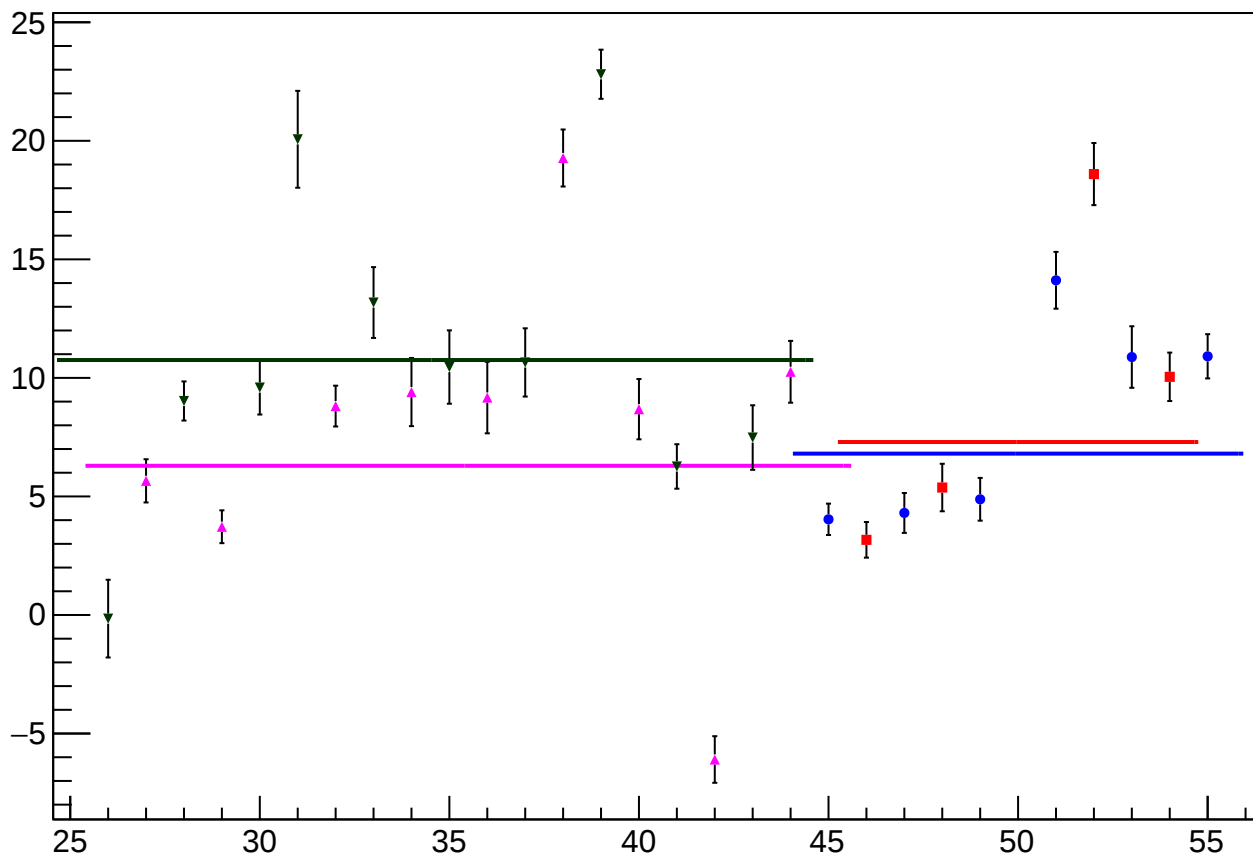
Right Out: -36.967 $\pm$ 0.064 χ^2 /NDF: 25728.8/3

Left In: -51.889 $\pm$ 0.048 χ^2 /NDF: 21653.9/8

-43.409 $\pm$ 0.036 χ^2 /NDF: 135654.5/15

-46.522 $\pm$ 0.038 χ^2 /NDF: 82228.4/12

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 6.806 $\pm$ 0.368 χ^2/NDF : 97.4/5

Left Out: 10.754 $\pm$ 0.383 χ^2/NDF : 236.9/9

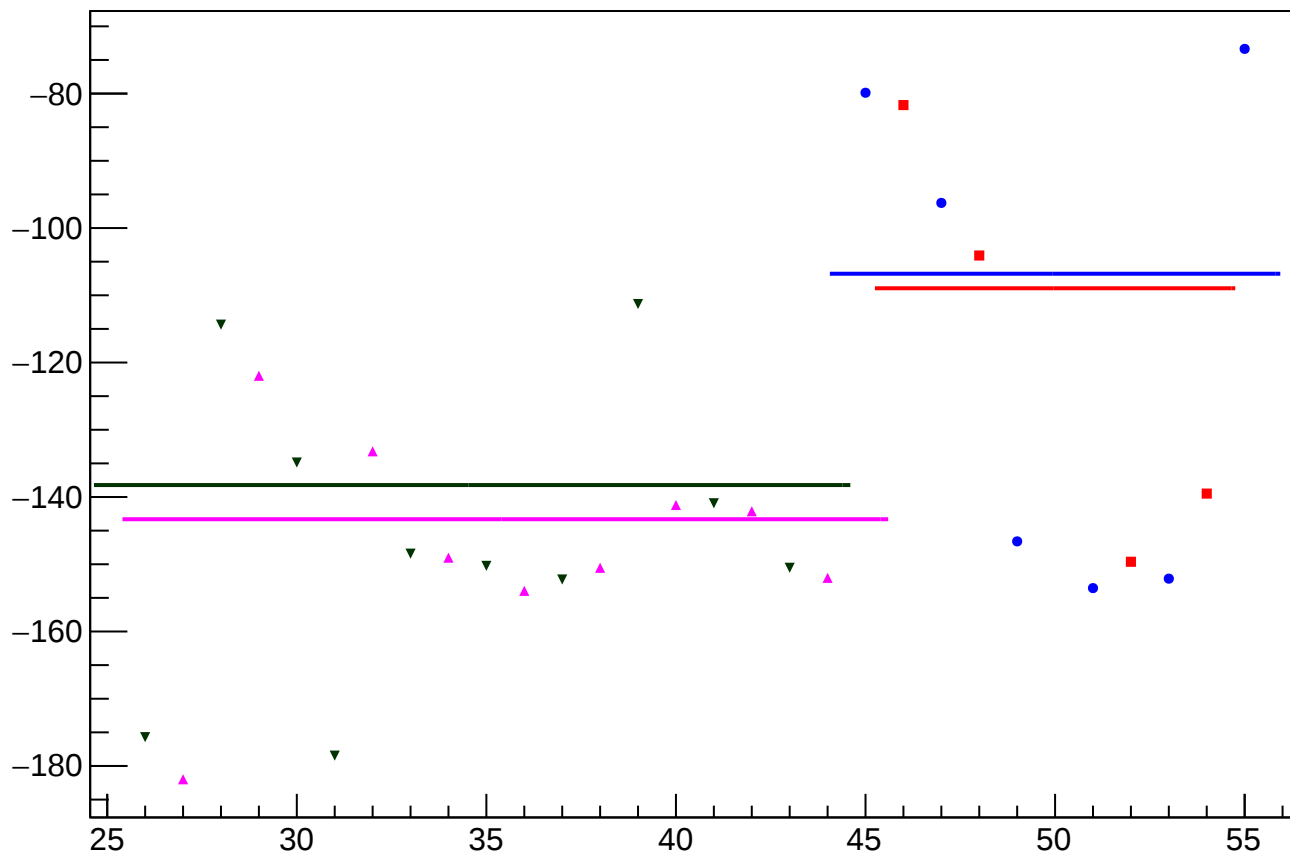
Right Out: 7.296 $\pm$ 0.482 χ^2/NDF : 115.4/3

Left In: 6.293 $\pm$ 0.343 χ^2/NDF : 319.3/8

8.702 $\pm$ 0.266 χ^2/NDF : 389.4/15

6.630 $\pm$ 0.279 χ^2/NDF : 437.6/12

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -106.794+/-0.072 χ^2/NDF : 208479.7/5

Left Out: -138.220+/-0.072 χ^2/NDF : 82286.0/9

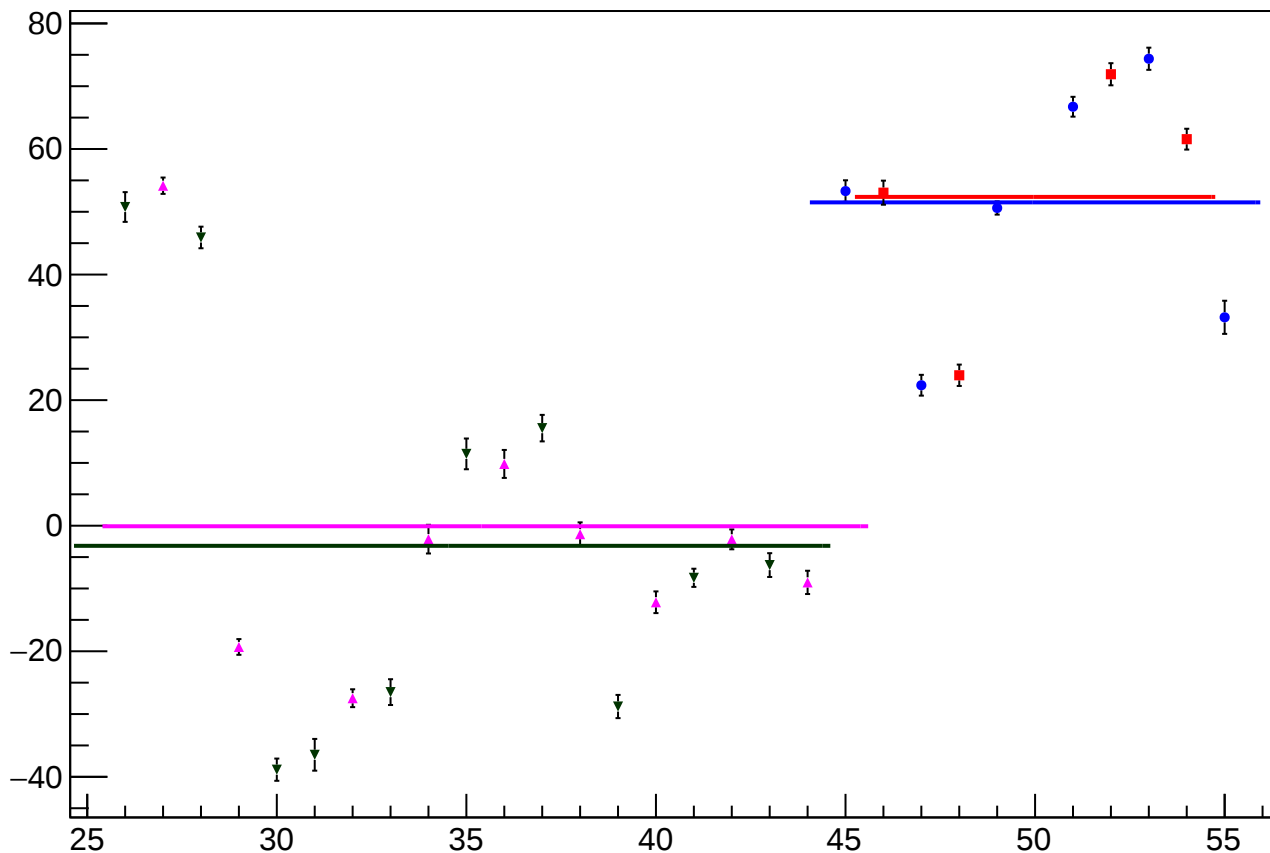
Right Out: -108.954+/-0.095 χ^2/NDF : 84612.4/3

Left In: -143.304+/-0.072 χ^2/NDF : 54954.0/8

-122.509+/-0.051 χ^2/NDF : 386943.2/15

-130.676+/-0.057 χ^2/NDF : 223029.5/12

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 51.497+/-0.637 χ^2/NDF : 620.2/5

Left Out: -3.205+/-0.612 χ^2/NDF : 2363.4/9

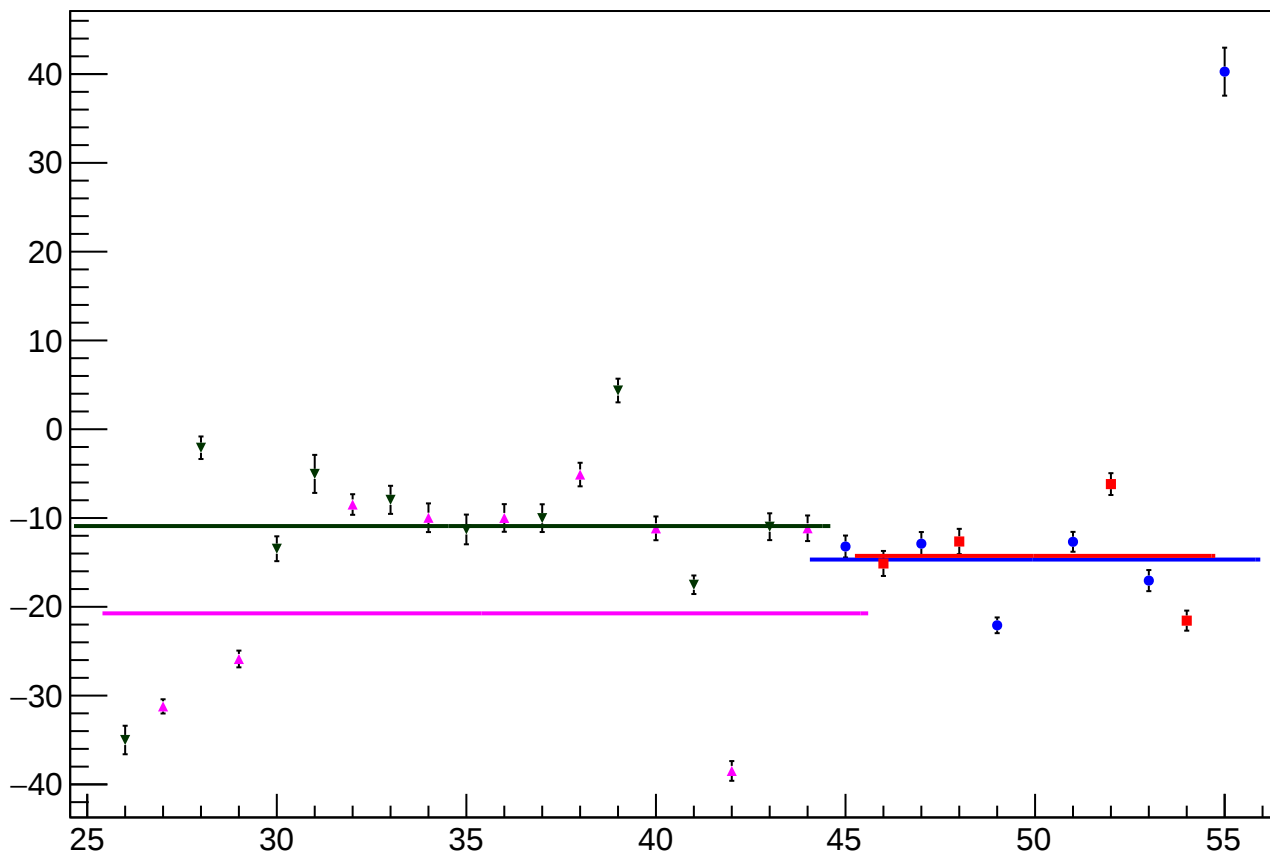
Right Out: 52.370+/-0.876 χ^2/NDF : 432.5/3

Left In: -0.090+/-0.541 χ^2/NDF : 2438.4/8

23.070+/-0.441 χ^2/NDF : 6818.9/15

14.374+/-0.460 χ^2/NDF : 5468.0/12

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -14.678 ± 0.491 $\chi^2/\text{NDF}: 493.8/5$

Left Out: -10.905 ± 0.455 $\chi^2/\text{NDF}: 459.2/9$

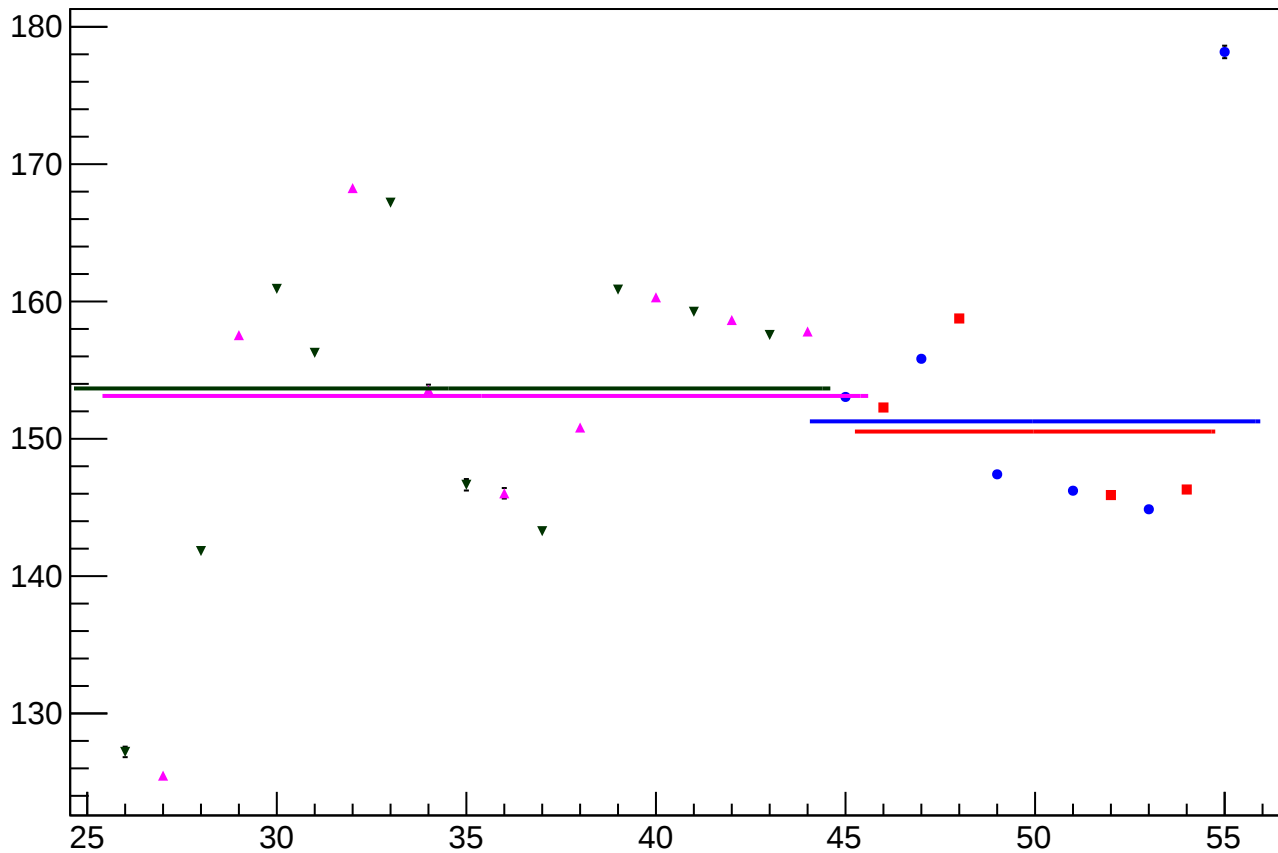
Right Out: -14.264 ± 0.640 $\chi^2/\text{NDF}: 86.5/3$

Left In: -20.737 ± 0.388 $\chi^2/\text{NDF}: 894.2/8$

-12.651 ± 0.334 $\chi^2/\text{NDF}: 984.7/15$

-18.998 ± 0.332 $\chi^2/\text{NDF}: 1055.5/12$

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 151.270 $\pm$ 0.115 χ^2 /NDF: 4854.3/5

Left Out: 153.667 $\pm$ 0.101 χ^2 /NDF:11177.1/9

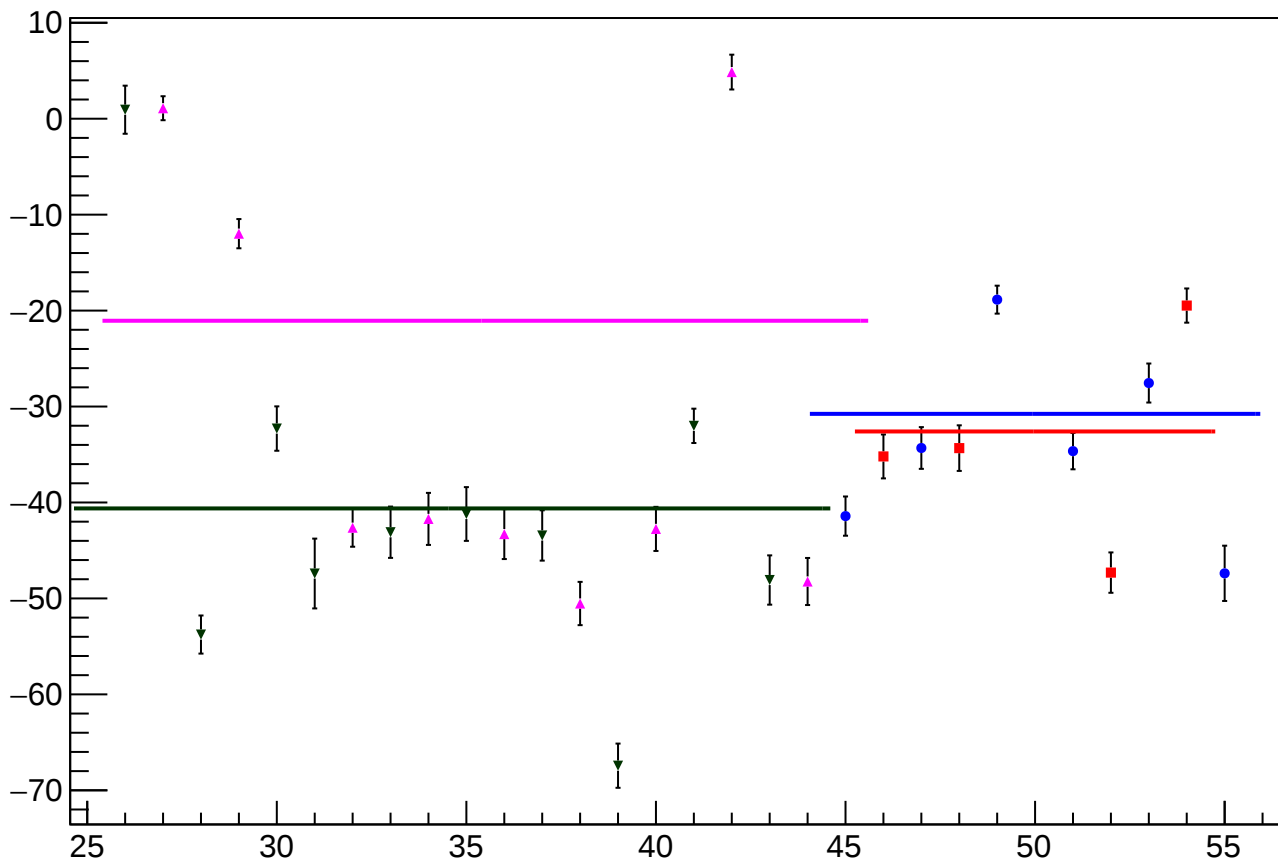
Right Out: 150.529 $\pm$ 0.146 χ^2 /NDF: 1222.5/3

Left In: 153.122 $\pm$ 0.093 χ^2 /NDF:20788.9/8

152.626 $\pm$ 0.076 χ^2 /NDF: 16276.5/15

152.370 $\pm$ 0.079 χ^2 /NDF: 22235.7/12

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -30.763 +/- 0.800 χ^2/NDF : 136.6/5

Left Out: -40.620 +/- 0.758 χ^2/NDF : 504.2/9

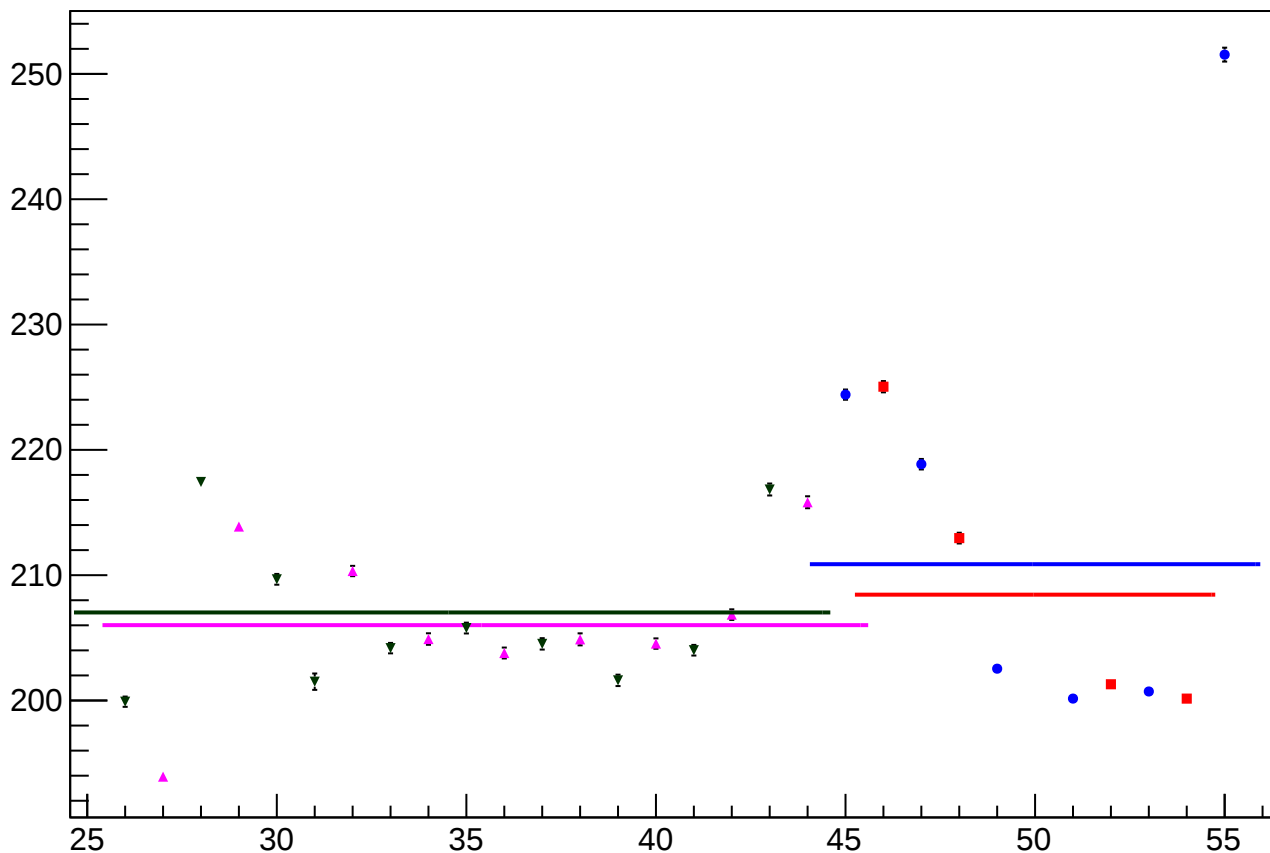
Right Out: -32.598 +/- 1.049 χ^2/NDF : 104.9/3

Left In: -21.059 +/- 0.637 χ^2/NDF : 1185.8/8

-35.956 +/- 0.550 χ^2/NDF : 720.8/15

-24.167 +/- 0.544 χ^2/NDF : 1379.2/12

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 210.877 ± 0.154 χ^2/NDF : 9282.4/5

Left Out: 207.026 ± 0.139 χ^2/NDF : 1900.0/9

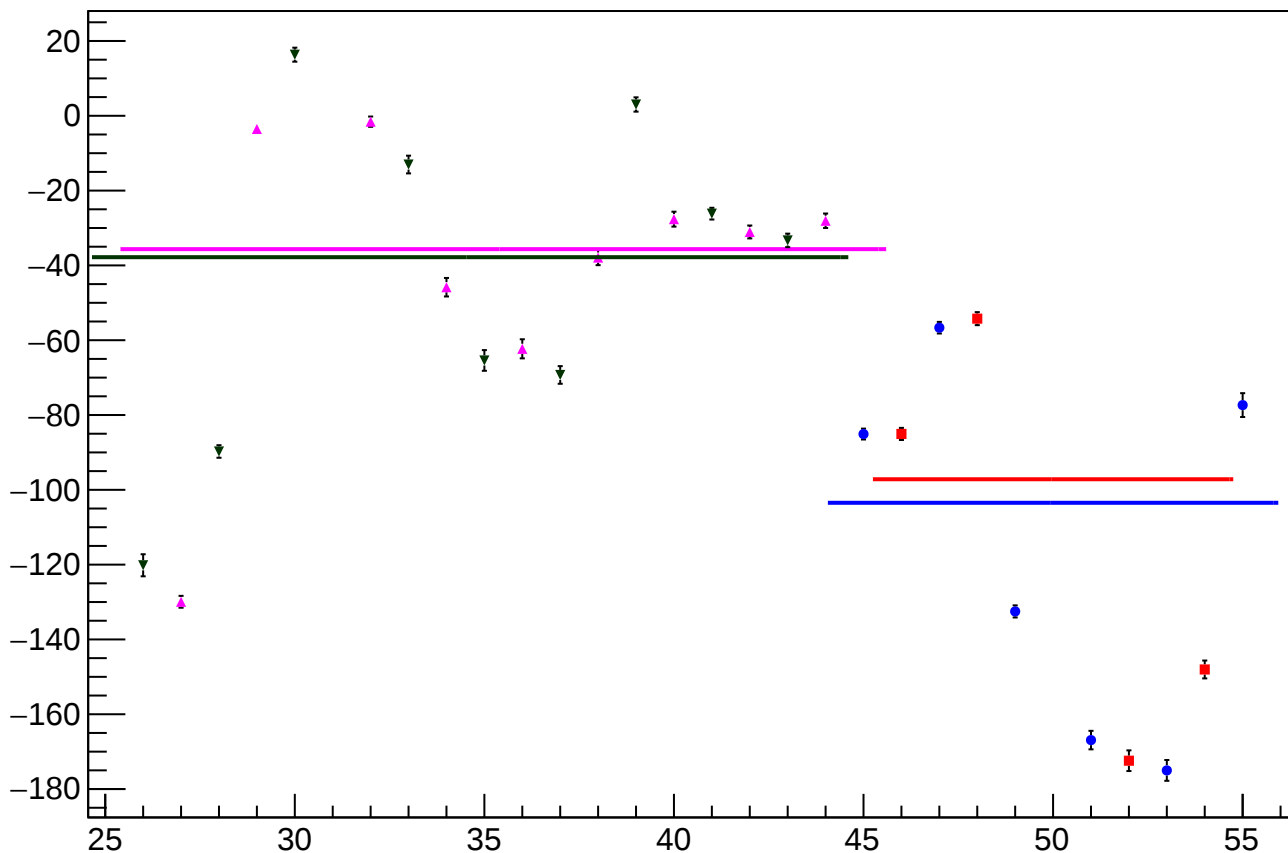
Right Out: 208.446 ± 0.203 χ^2/NDF : 2282.1/3

Left In: 206.013 ± 0.136 χ^2/NDF : 2446.5/8

208.757 ± 0.103 χ^2/NDF : 11526.9/15

206.768 ± 0.113 χ^2/NDF : 4827.2/12

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -103.466+/-0.776 χ^2/NDF : 2778.4/5

Left Out: -37.802+/-0.670 χ^2/NDF : 3472.1/8

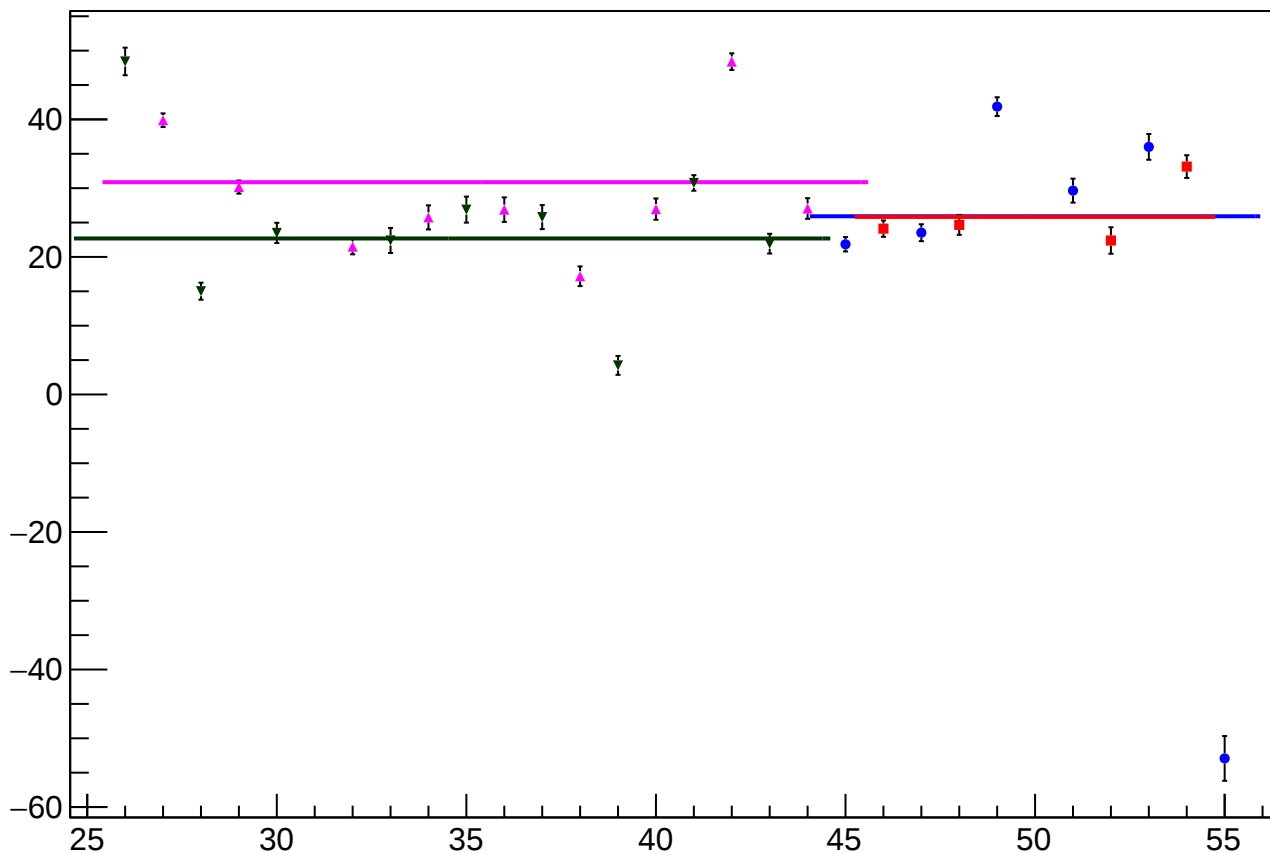
Right Out: -97.172+/-0.992 χ^2/NDF : 1858.9/3

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-65.856+/-0.507 χ^2/NDF : 10352.3/14

-51.355+/-0.501 χ^2/NDF : 9682.1/12

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 25.911 ± 0.595 χ^2/NDF : 777.2/5

Left Out: 22.684 ± 0.496 χ^2/NDF : 443.3/8

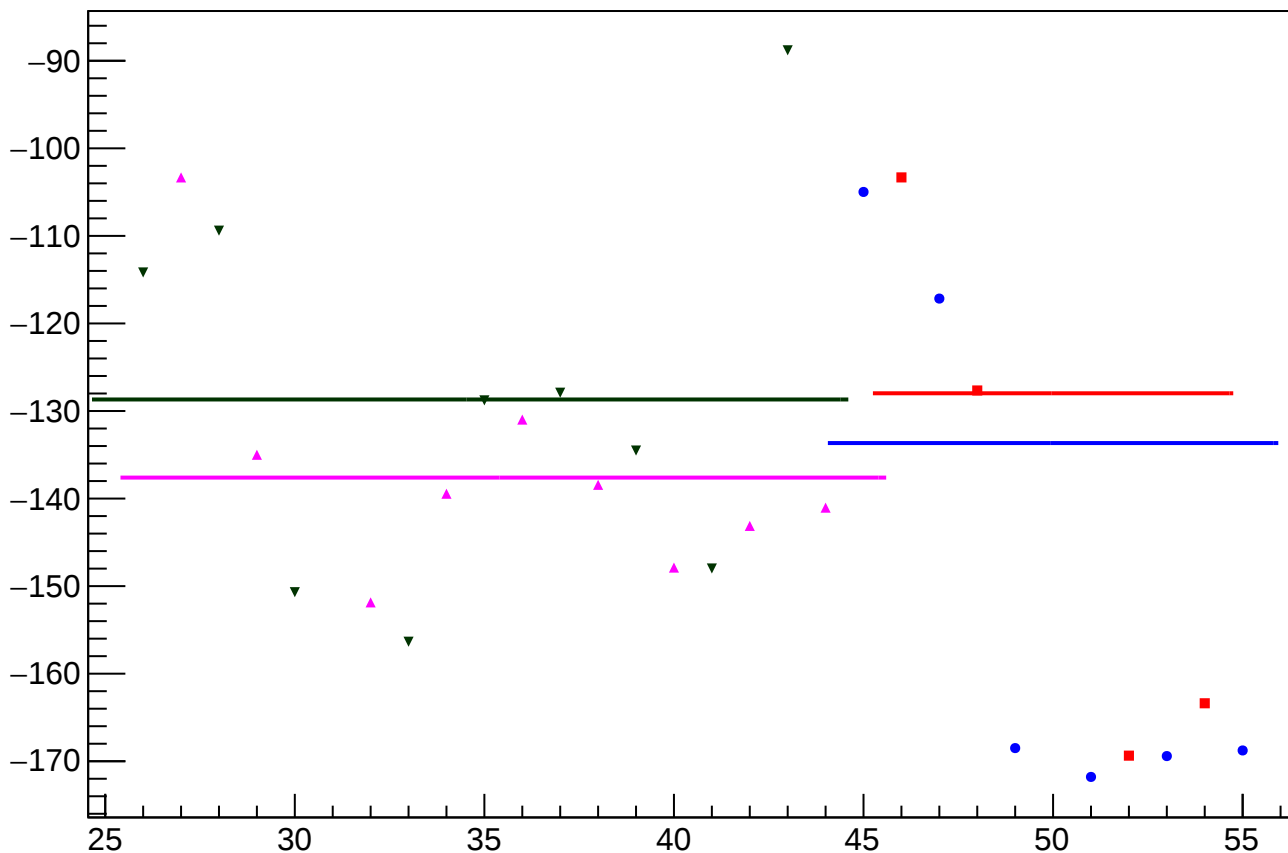
Right Out: 25.821 ± 0.742 χ^2/NDF : 25.5/3

Left In: 30.869 ± 0.424 χ^2/NDF : 480.3/8

24.008 ± 0.381 χ^2/NDF : 1237.8/14

29.628 ± 0.368 χ^2/NDF : 540.7/12

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -133.661+/-0.135 χ^2/NDF : 47156.7/5

Left Out: -128.683+/-0.112 χ^2/NDF :38450.4/8

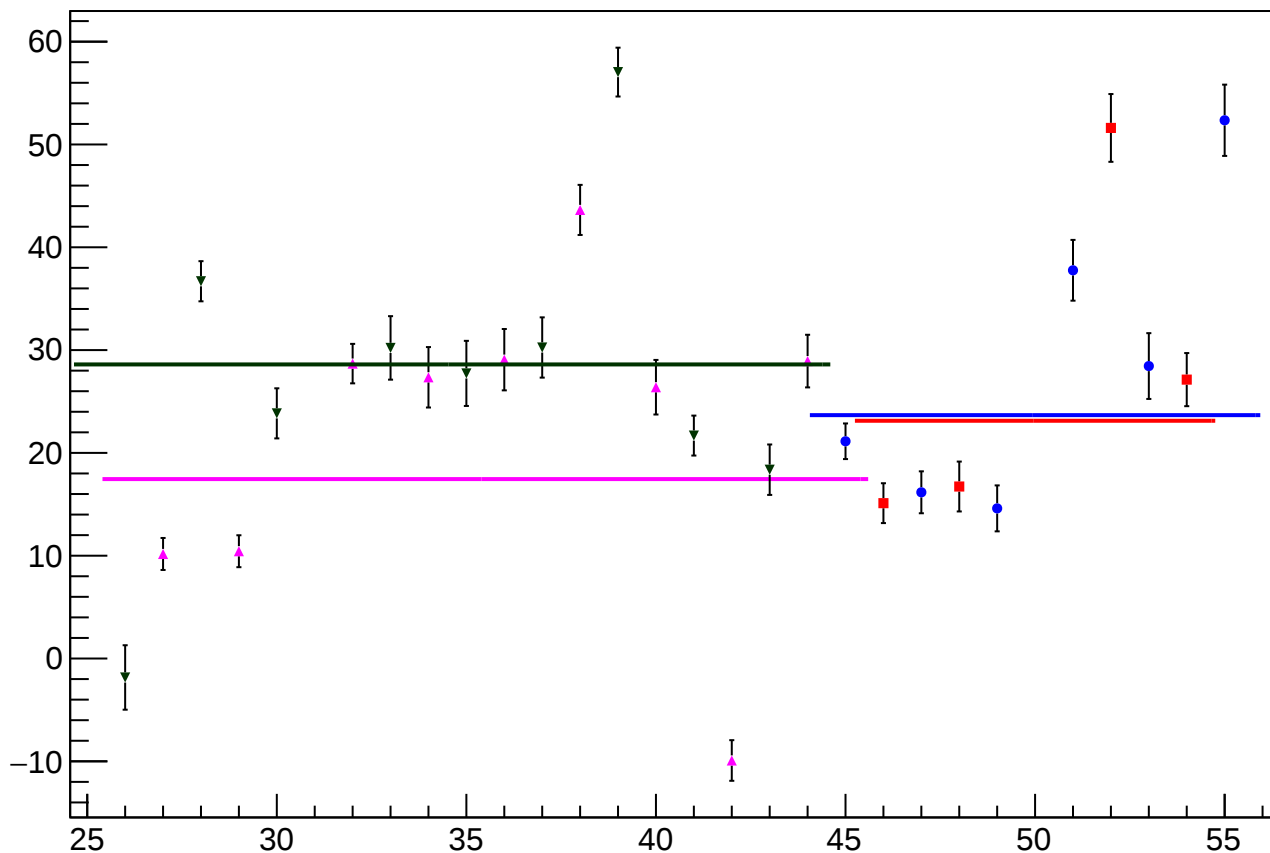
Right Out: -127.975+/-0.162 χ^2/NDF : 26156.9/3

Left In: -137.605+/-0.100 χ^2/NDF :21119.1/8

-130.723+/-0.086 χ^2/NDF : 86411.9/14

-134.955+/-0.085 χ^2/NDF : 49846.0/12

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 23.672 $\pm$ 0.967 χ^2/NDF : 125.6/5

Left Out: 28.605 $\pm$ 0.827 χ^2/NDF : 289.4/8

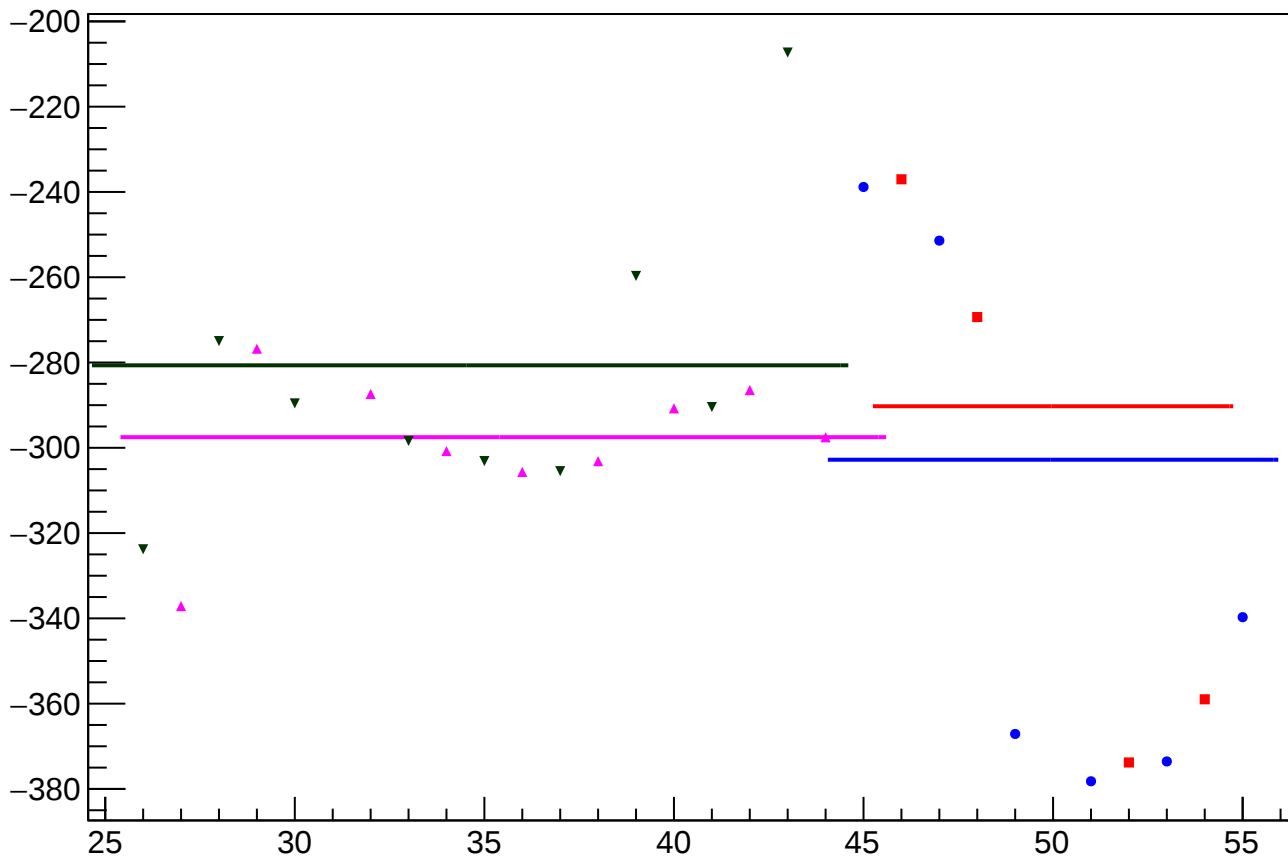
Right Out: 23.126 $\pm$ 1.215 χ^2/NDF : 101.1/3

Left In: 17.453 $\pm$ 0.699 χ^2/NDF : 441.8/8

26.522 $\pm$ 0.629 χ^2/NDF : 430.0/14

18.864 $\pm$ 0.606 χ^2/NDF : 559.3/12

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -302.797+/-0.188 χ^2/NDF : 107698.2/5

Left Out: -280.656+/-0.153 χ^2/NDF : 43963.5/8

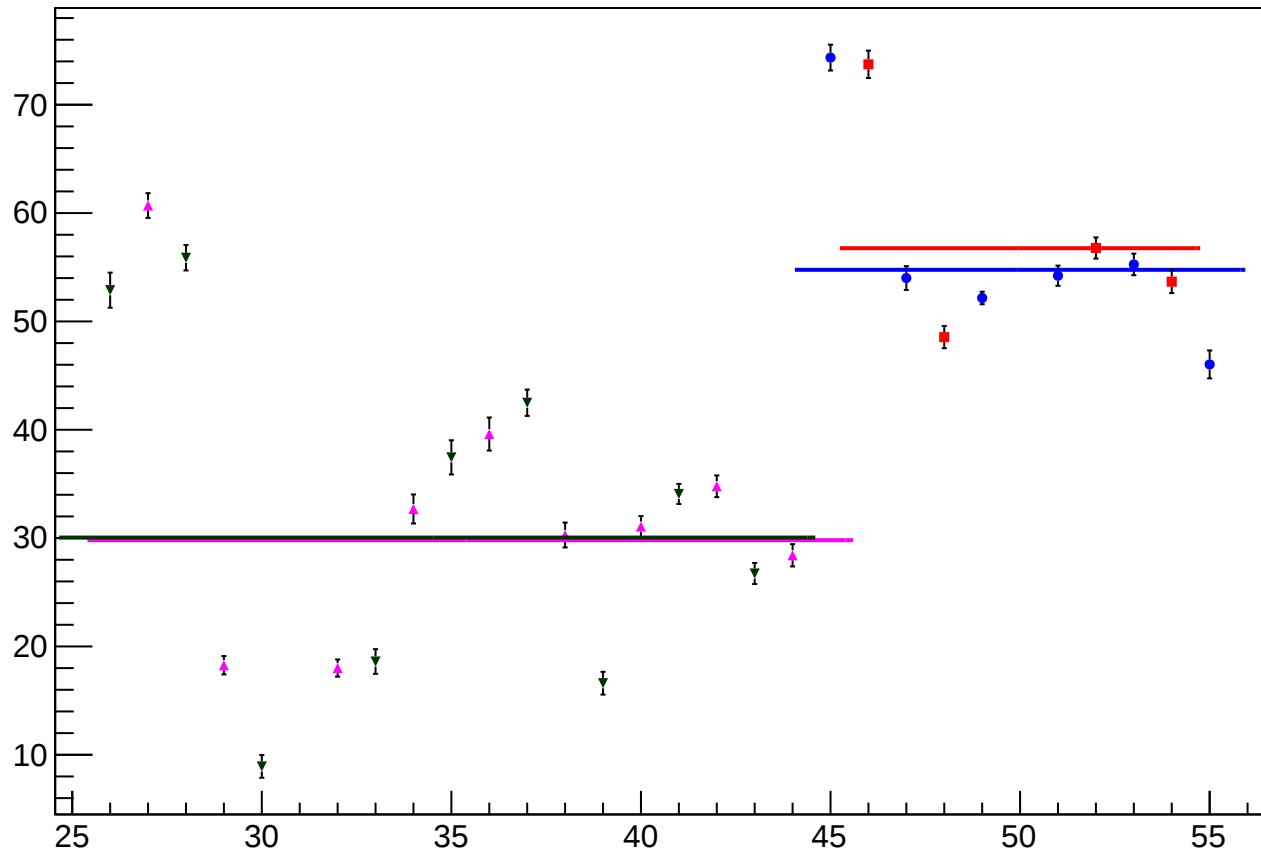
Right Out: -290.257+/-0.238 χ^2/NDF : 57024.4/3

Left In: -297.504+/-0.148 χ^2/NDF : 15085.1/8

-289.496+/-0.119 χ^2/NDF : 159987.3/14

-295.481+/-0.126 χ^2/NDF : 72775.6/12

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 54.764+/-0.371 χ^2/NDF : 336.6/5

Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

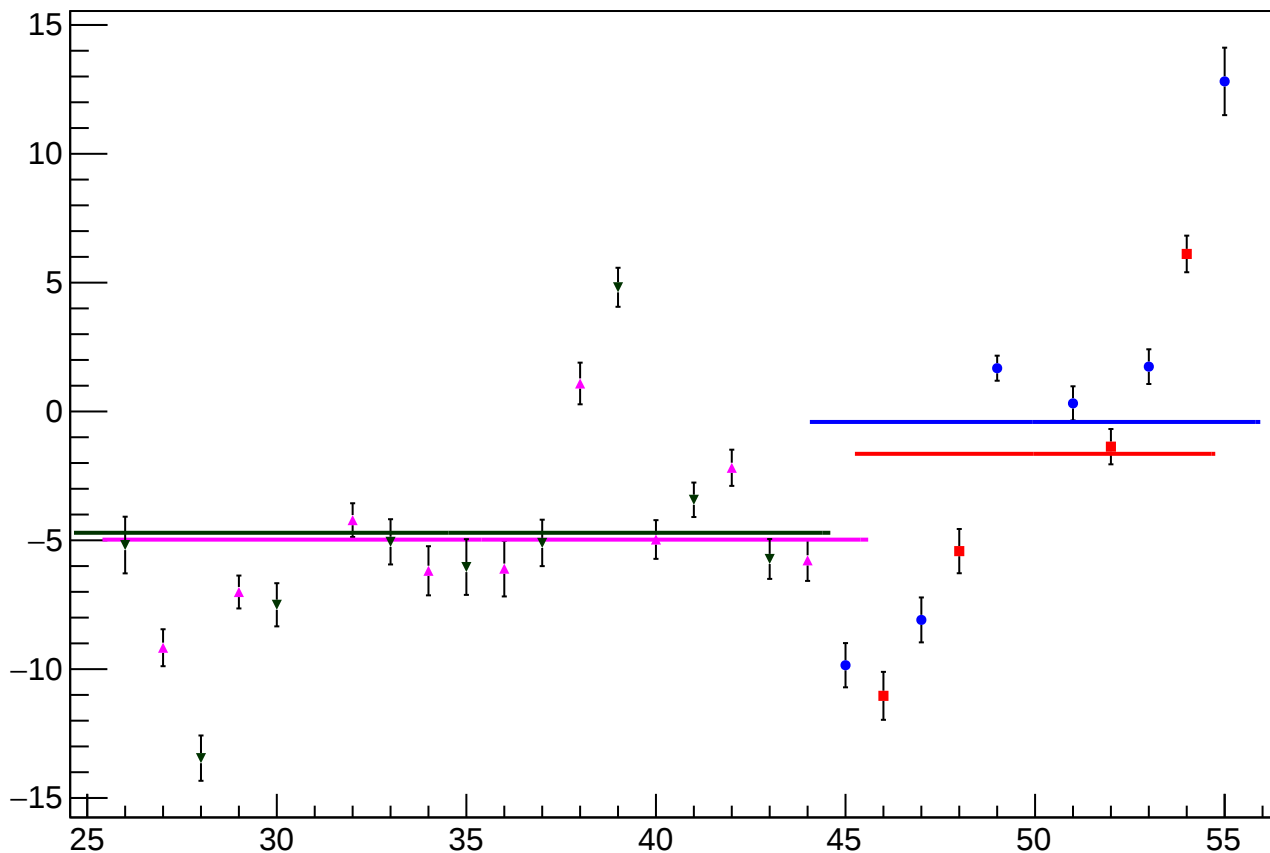
Right Out: 56.759+/-0.533 χ^2/NDF : 253.1/3

Left In: 29.811+/-0.343 χ^2/NDF : 1208.1/8

42.657+/-0.265 χ^2/NDF : 4025.8/14

37.722+/-0.289 χ^2/NDF : 3269.7/12

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -0.406 ± 0.289 χ^2/NDF : 330.3/5

Left Out: -4.708 ± 0.282 χ^2/NDF : 275.7/8

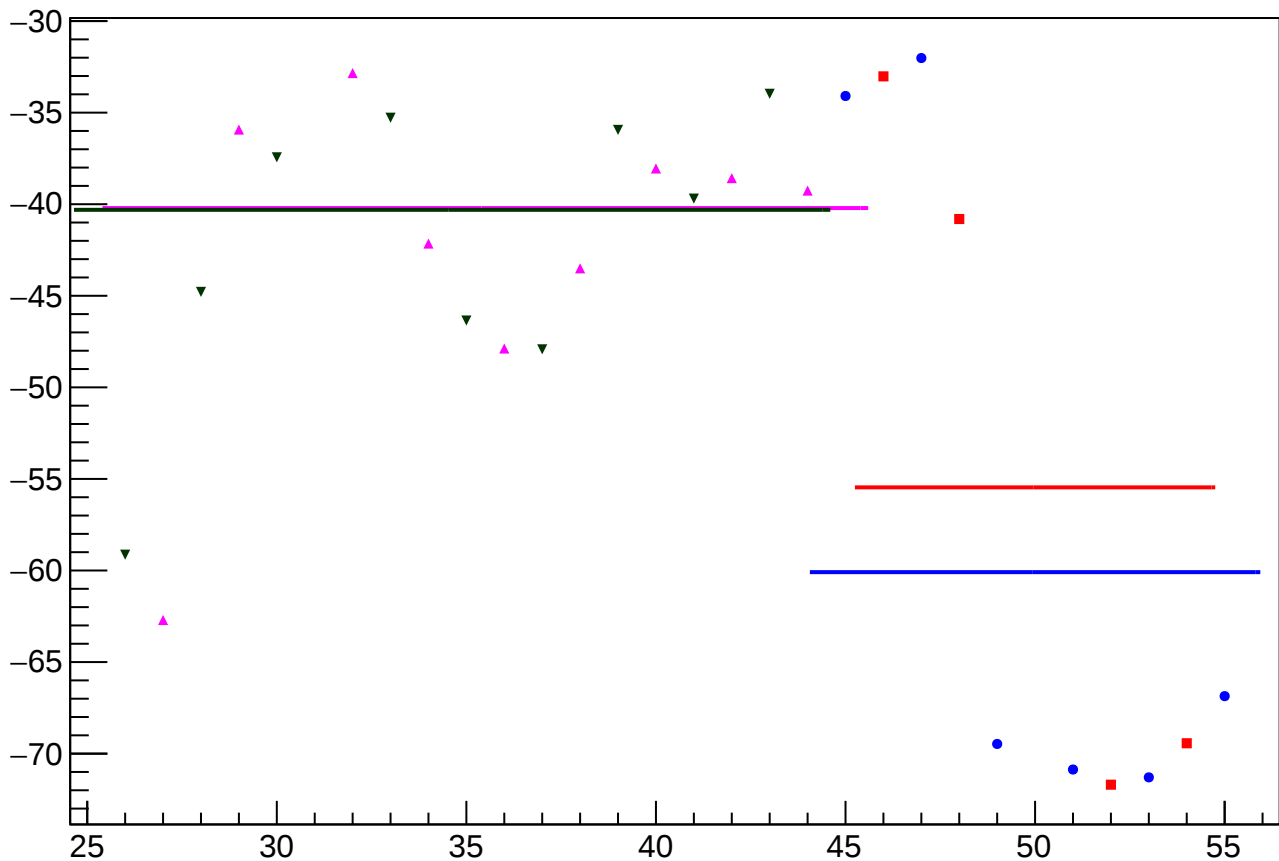
Right Out: -1.643 ± 0.389 χ^2/NDF : 240.6/3

Left In: -4.974 ± 0.253 χ^2/NDF : 121.4/8

-2.610 ± 0.202 χ^2/NDF : 719.5/14

-3.981 ± 0.212 χ^2/NDF : 413.6/12

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -60.090 $\pm$ 0.068 χ^2 /NDF: 57475.5/5

Left Out: -40.306 $\pm$ 0.063 χ^2 /NDF:10954.8/8

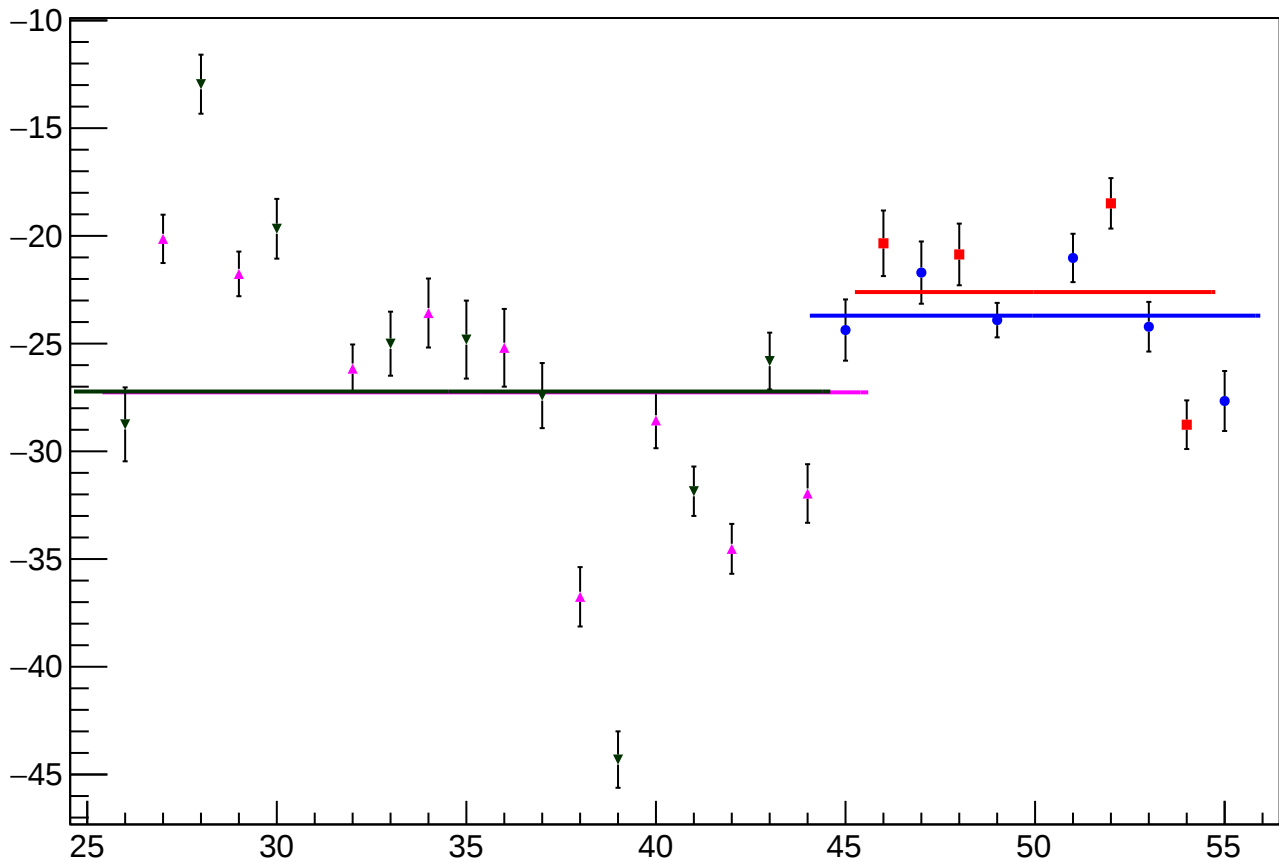
Right Out: -55.461 $\pm$ 0.089 χ^2 /NDF: 35996.5/3

Left In: -40.209 $\pm$ 0.058 χ^2 /NDF:18072.5/8

-49.420 $\pm$ 0.046 χ^2 /NDF: 114143.8/14

-44.784 $\pm$ 0.049 χ^2 /NDF: 74479.2/12

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.703 ± 0.466 χ^2/NDF : 16.2/5

Left Out: -27.224 ± 0.471 χ^2/NDF : 330.4/8

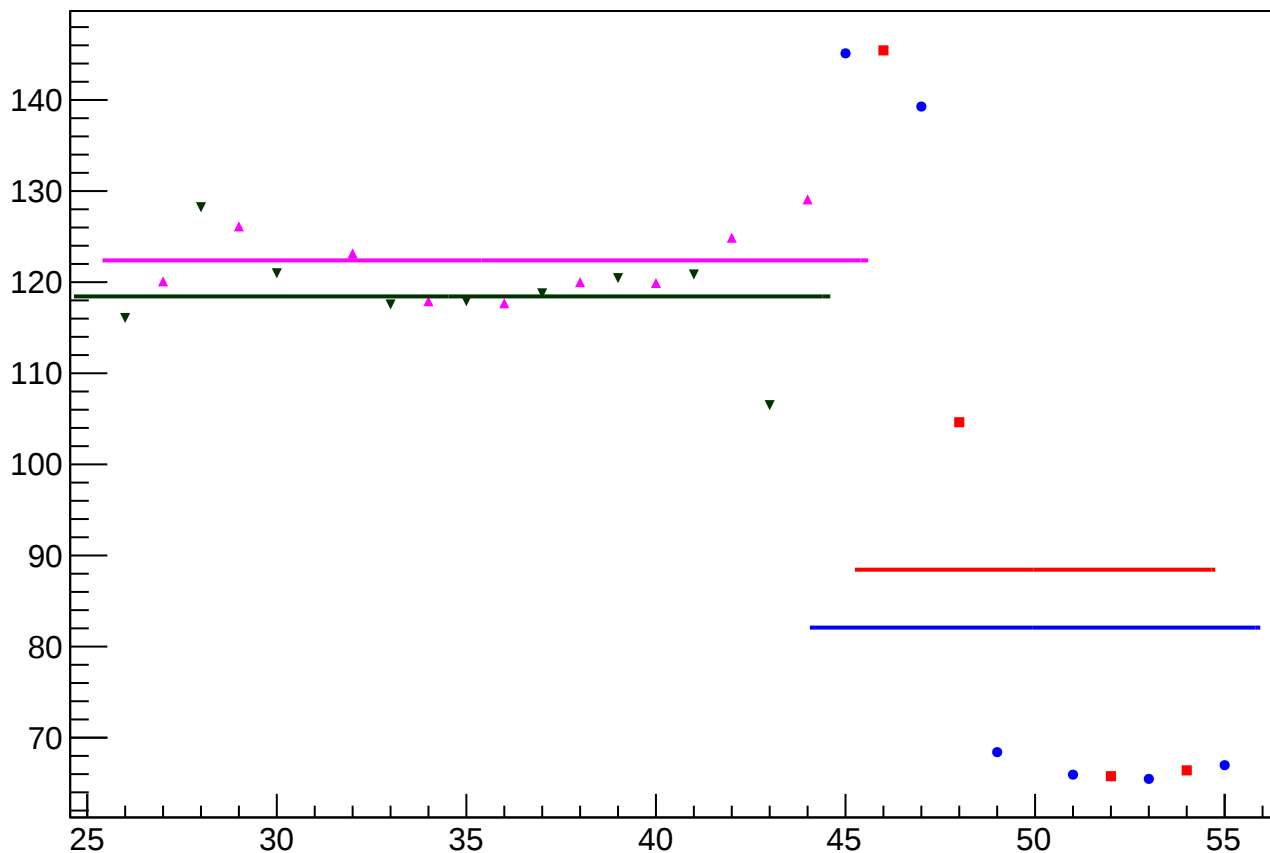
Right Out: -22.608 ± 0.641 χ^2/NDF : 45.8/3

Left In: -27.262 ± 0.421 χ^2/NDF : 175.8/8

-25.446 ± 0.331 χ^2/NDF : 374.8/14

-25.858 ± 0.352 χ^2/NDF : 258.4/12

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 82.083+/-0.089 χ^2/NDF : 114101.8/5

Left Out: 118.438+/-0.086 χ^2/NDF : 4307.2/8

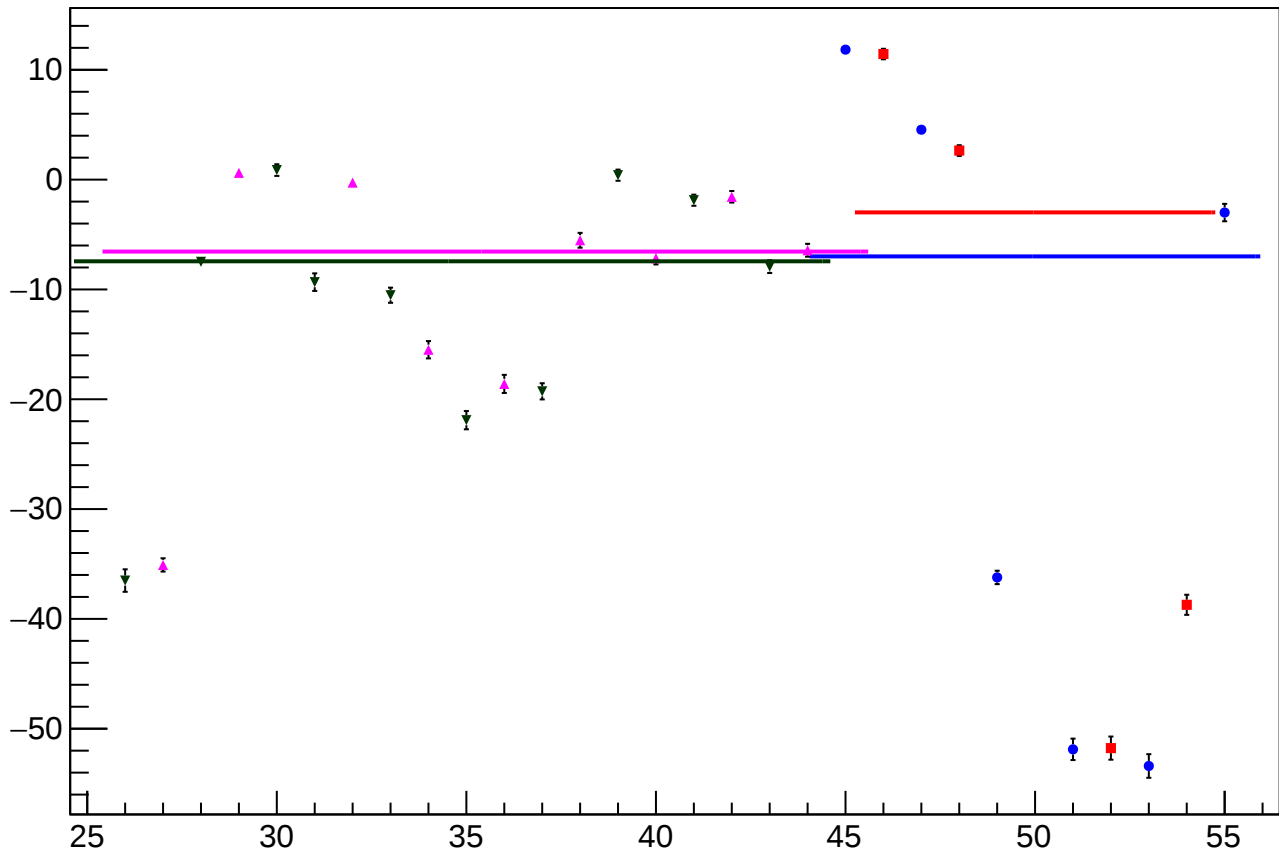
Right Out: 88.441+/-0.122 χ^2/NDF : 60728.4/3

Left In: 122.391+/-0.087 χ^2/NDF : 1758.1/8

100.981+/-0.062 χ^2/NDF : 204861.6/14

110.956+/-0.071 χ^2/NDF : 113840.9/12

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -6.990+/-0.244 χ^2/NDF : 8790.5/5

Left Out: -7.437+/-0.192 χ^2/NDF : 1995.0/9

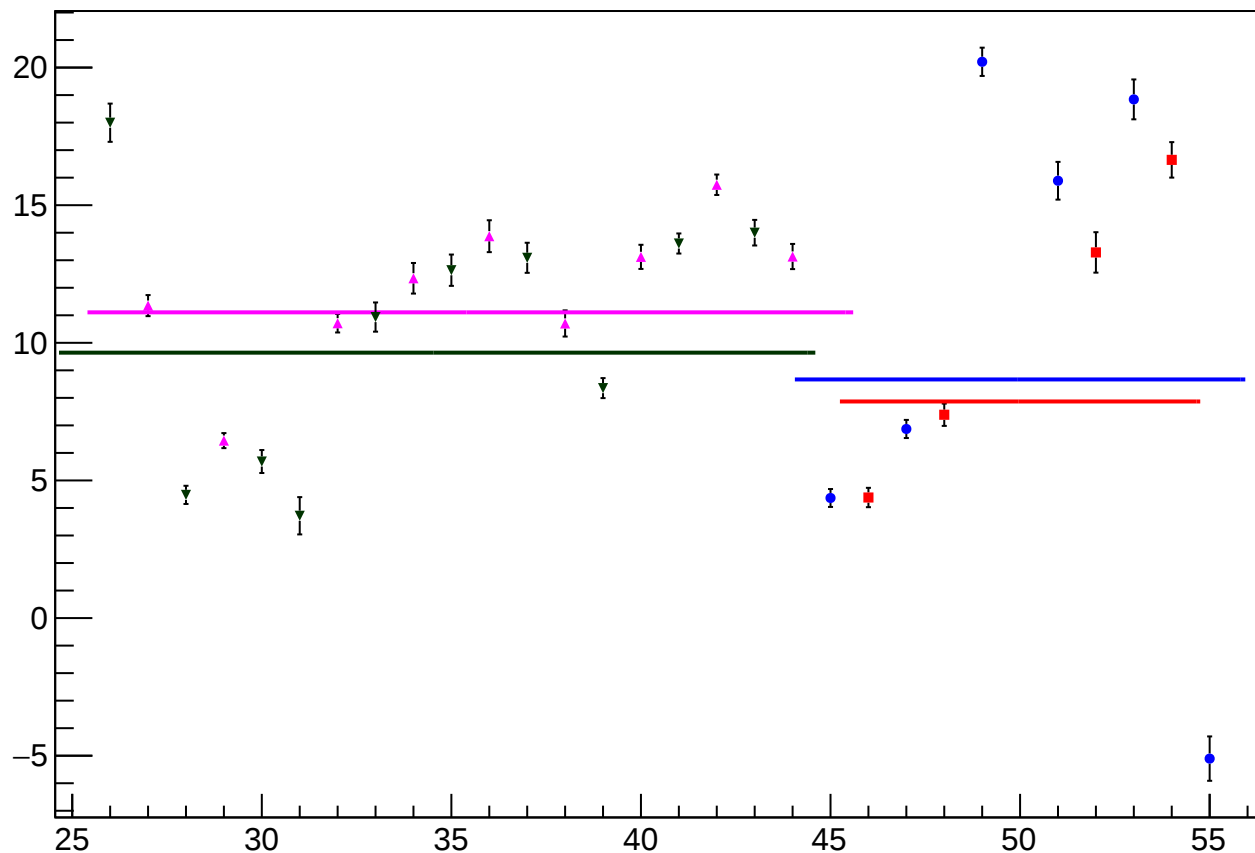
Right Out: -2.984+/-0.306 χ^2/NDF : 4708.1/3

Left In: -6.550+/-0.179 χ^2/NDF : 3282.1/8

-7.266+/-0.151 χ^2/NDF : 10787.5/15

-5.640+/-0.155 χ^2/NDF : 8091.2/12

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.669+/-0.189 χ^2/NDF : 1310.1/5

Left Out: 9.643+/-0.143 χ^2/NDF : 847.5/9

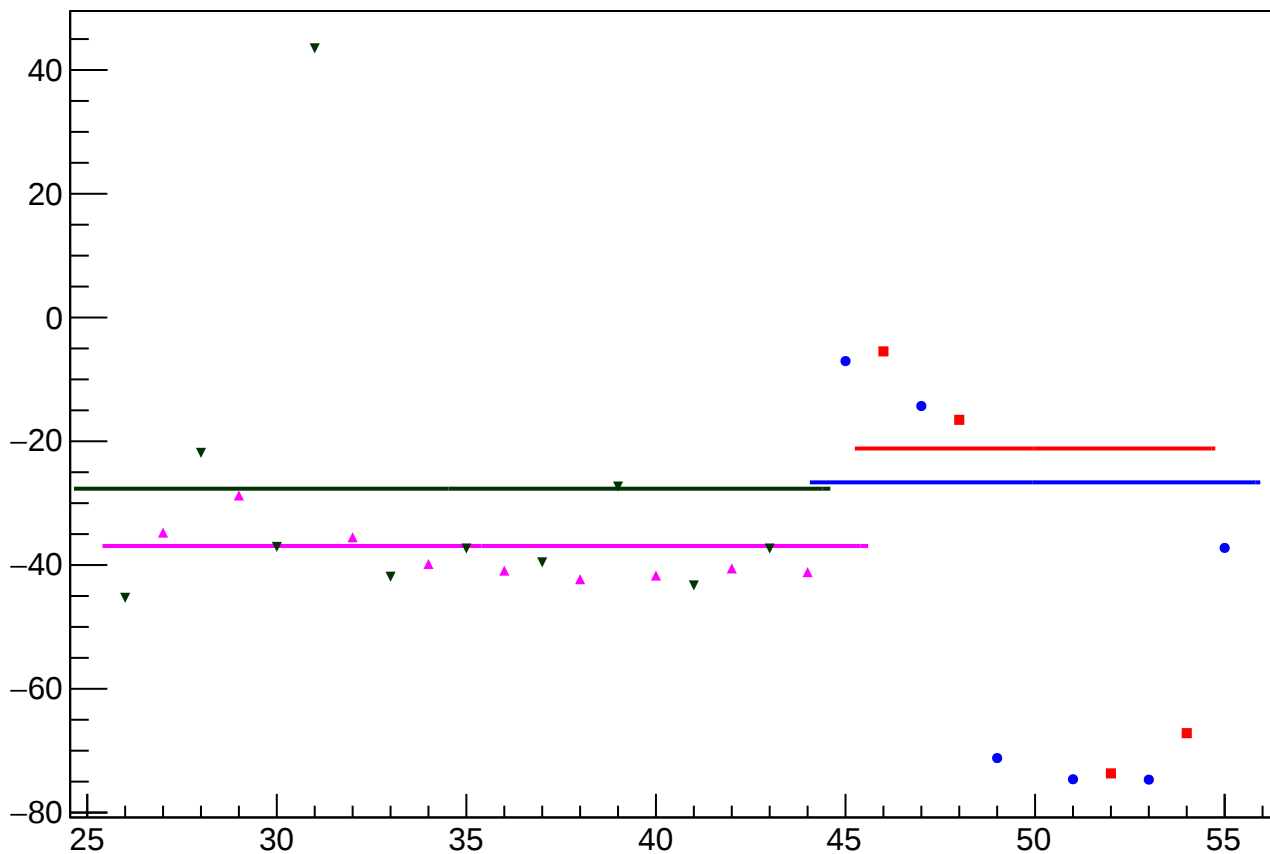
Right Out: 7.869+/-0.233 χ^2/NDF : 339.6/3

Left In: 11.107+/-0.133 χ^2/NDF : 517.7/8

9.288+/-0.114 χ^2/NDF : 2174.5/15

10.315+/-0.115 χ^2/NDF : 1003.4/12

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -26.639 $\pm$ 0.042 χ^2 /NDF: 378389.7/5

Left Out: -27.661 $\pm$ 0.032 χ^2 /NDF:544702.9/9

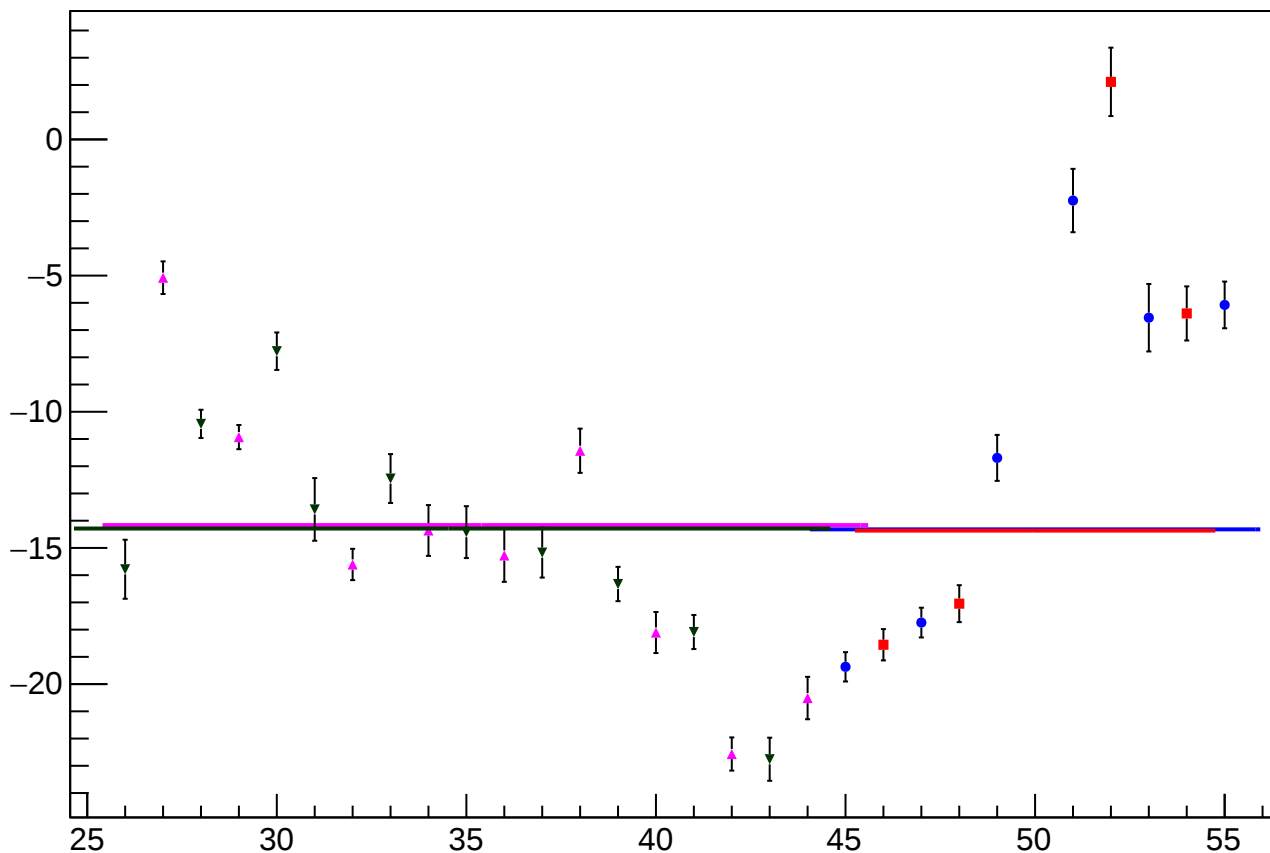
Right Out: -21.166 $\pm$ 0.050 χ^2 /NDF: 228688.5/3

Left In: -36.920 $\pm$ 0.031 χ^2 /NDF:23590.7/8

-27.285 $\pm$ 0.025 χ^2 /NDF: 923473.5/15

-32.566 $\pm$ 0.026 χ^2 /NDF: 324359.1/12

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -14.318 ± 0.302 χ^2/NDF : 376.5/5

Left Out: -14.288 ± 0.238 χ^2/NDF : 313.7/9

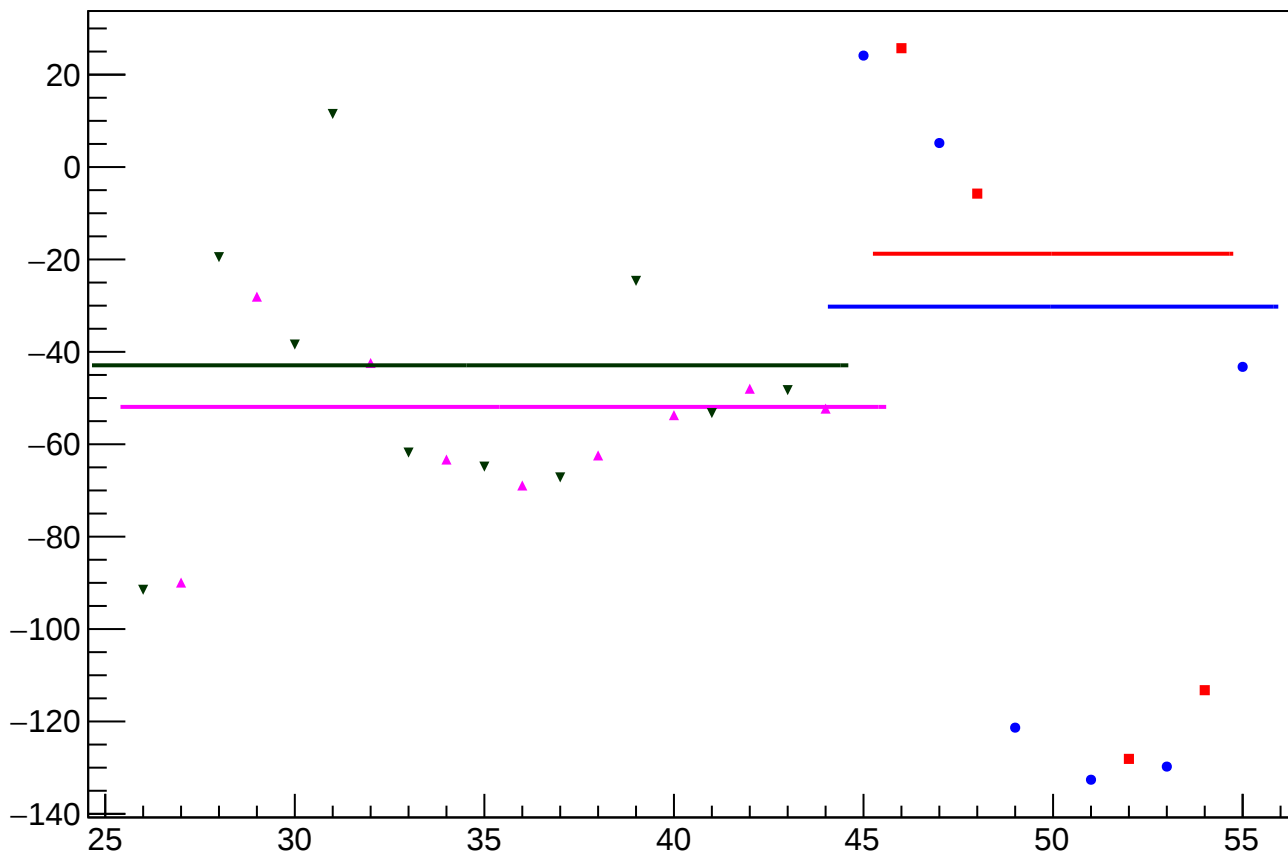
Right Out: -14.363 ± 0.382 χ^2/NDF : 305.5/3

Left In: -14.162 ± 0.220 χ^2/NDF : 585.9/8

-14.299 ± 0.187 χ^2/NDF : 690.2/15

-14.212 ± 0.190 χ^2/NDF : 891.6/12

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -30.211 $\pm$ 0.059 χ^2/NDF : 1082258.1/5

Left Out: -42.913 $\pm$ 0.044 χ^2/NDF : 295110.7/9

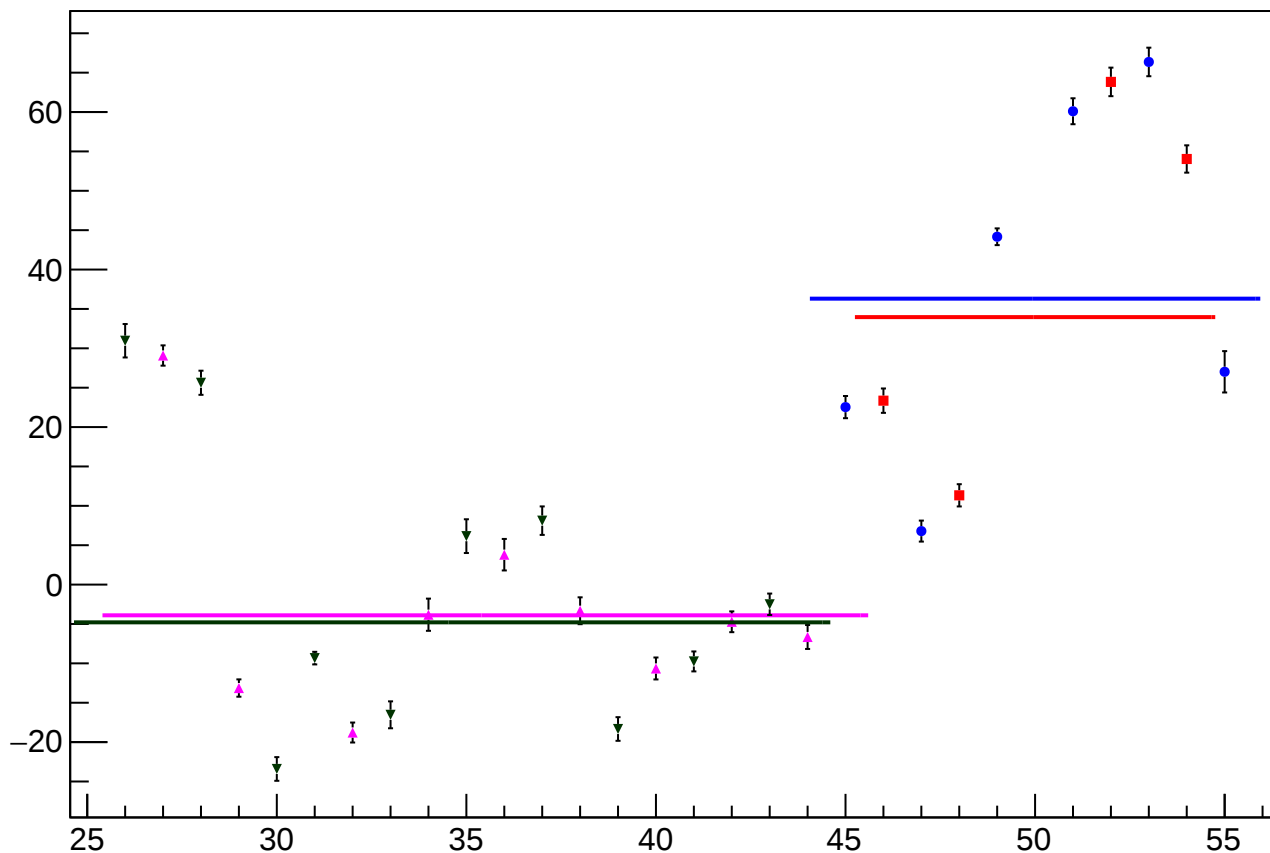
Right Out: -18.762 $\pm$ 0.075 χ^2/NDF : 600413.0/3

Left In: -51.914 $\pm$ 0.046 χ^2/NDF : 149065.3/8

-38.346 $\pm$ 0.035 χ^2/NDF : 1407326.6/15

-42.891 $\pm$ 0.039 χ^2/NDF : 891992.6/12

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 36.305 $\pm$ 0.601 χ^2 /NDF: 1136.4/5

Left Out: -4.793 $\pm$ 0.442 χ^2 /NDF: 1087.2/9

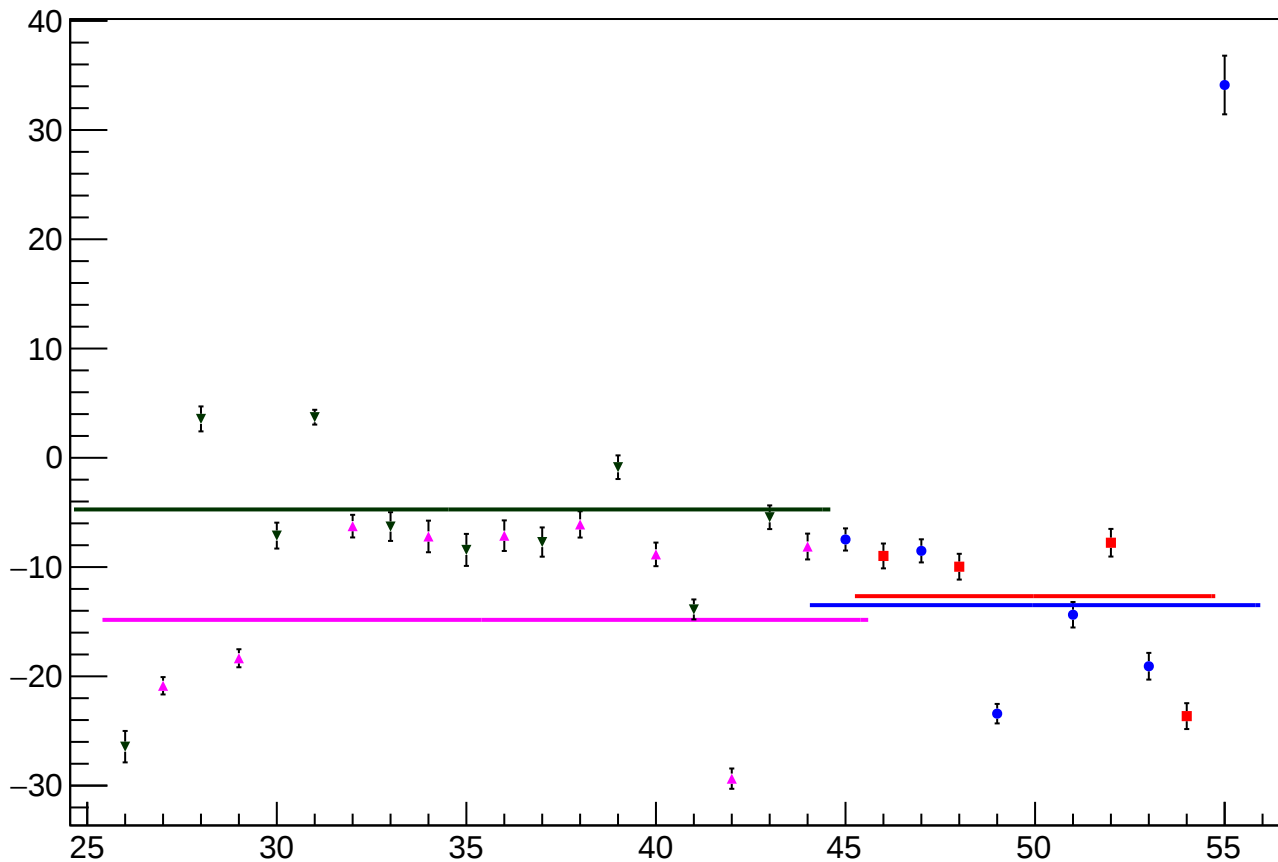
Right Out: 33.962 $\pm$ 0.802 χ^2 /NDF: 708.9/3

Left In: -3.900 $\pm$ 0.476 χ^2 /NDF: 906.0/8

9.622 $\pm$ 0.356 χ^2 /NDF: 5260.4/15

5.979 $\pm$ 0.410 χ^2 /NDF: 3262.7/12

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -13.484 ± 0.463 $\chi^2/\text{NDF}: 517.4/5$

Left Out: -4.727 ± 0.340 $\chi^2/\text{NDF}: 566.1/9$

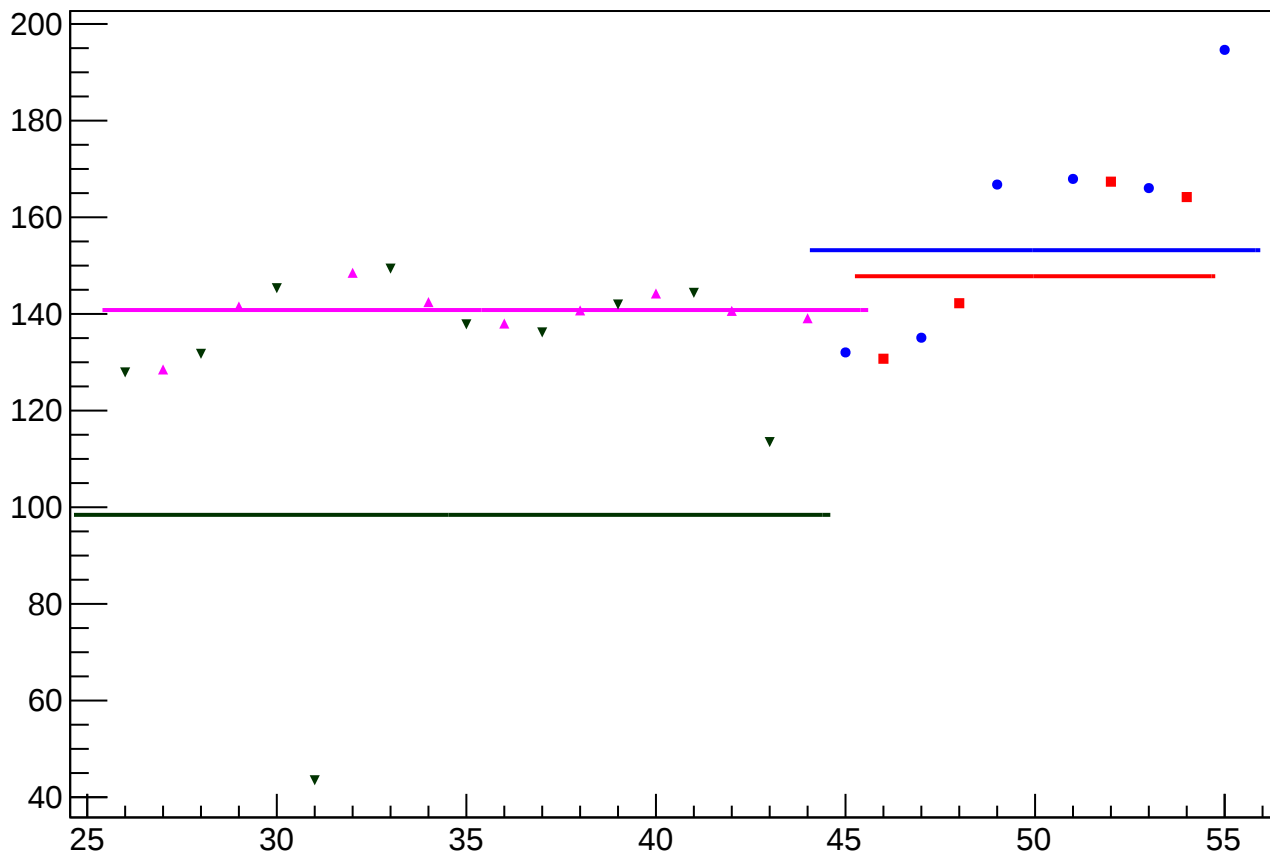
Right Out: -12.662 ± 0.594 $\chi^2/\text{NDF}: 116.6/3$

Left In: -14.832 ± 0.345 $\chi^2/\text{NDF}: 563.0/8$

-7.797 ± 0.274 $\chi^2/\text{NDF}: 1316.0/15$

-14.285 ± 0.298 $\chi^2/\text{NDF}: 689.6/12$

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 153.191 ± 0.107 χ^2/NDF : 31807.4/5

Left Out: 98.427 ± 0.068 χ^2/NDF : 464189.2/9

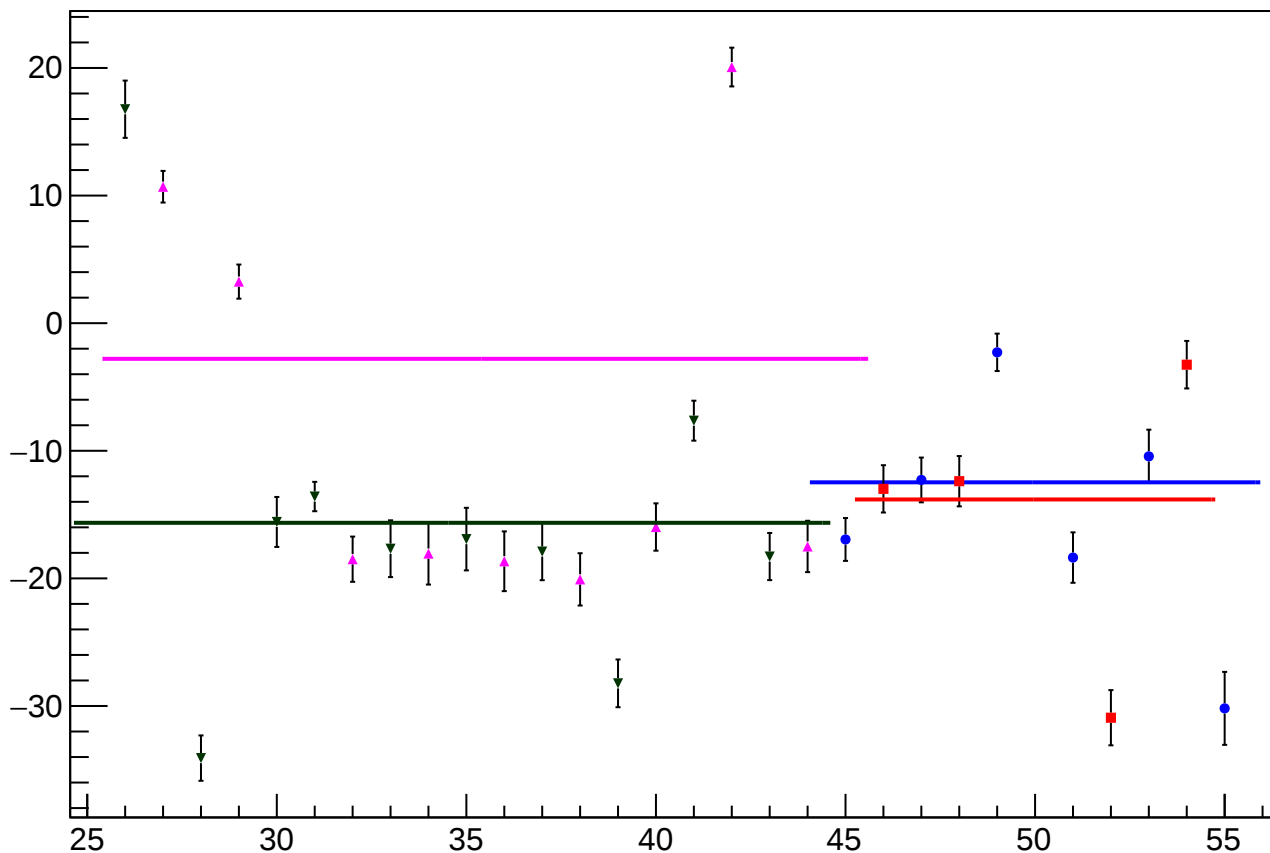
Right Out: 147.804 ± 0.133 χ^2/NDF : 13099.8/3

Left In: 140.810 ± 0.082 χ^2/NDF : 4715.0/8

114.244 ± 0.058 χ^2/NDF : 681887.0/15

142.746 ± 0.070 χ^2/NDF : 19813.7/12

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -12.472 ± 0.755 $\chi^2/\text{NDF}: 103.6/5$

Left Out: -15.644 ± 0.569 $\chi^2/\text{NDF}: 395.1/9$

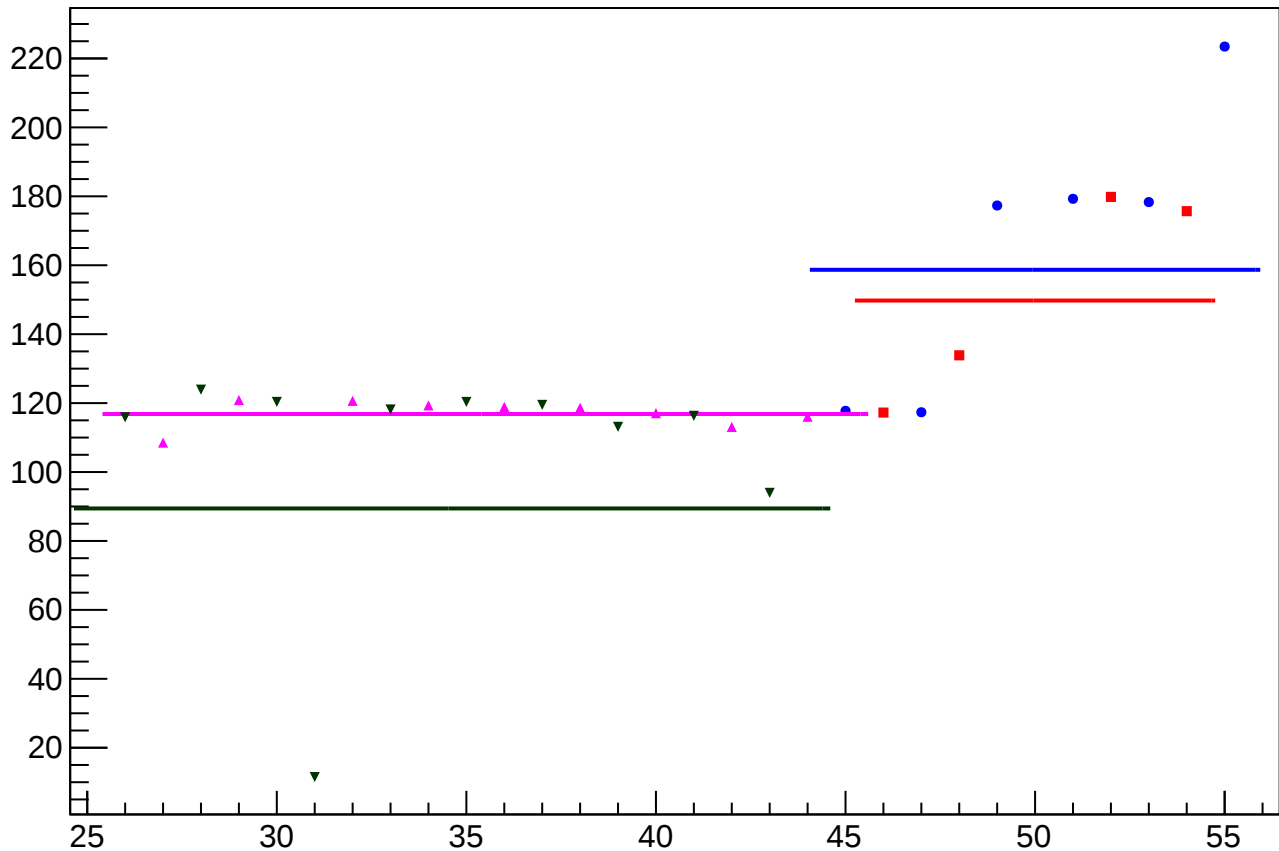
Right Out: -13.815 ± 0.976 $\chi^2/\text{NDF}: 95.4/3$

Left In: -2.793 ± 0.569 $\chi^2/\text{NDF}: 704.4/8$

-14.495 ± 0.455 $\chi^2/\text{NDF}: 509.9/15$

-5.590 ± 0.491 $\chi^2/\text{NDF}: 895.0/12$

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 158.681+/-0.146 χ^2/NDF : 53484.2/5

Left Out: 89.431+/-0.103 χ^2/NDF :195054.4/9

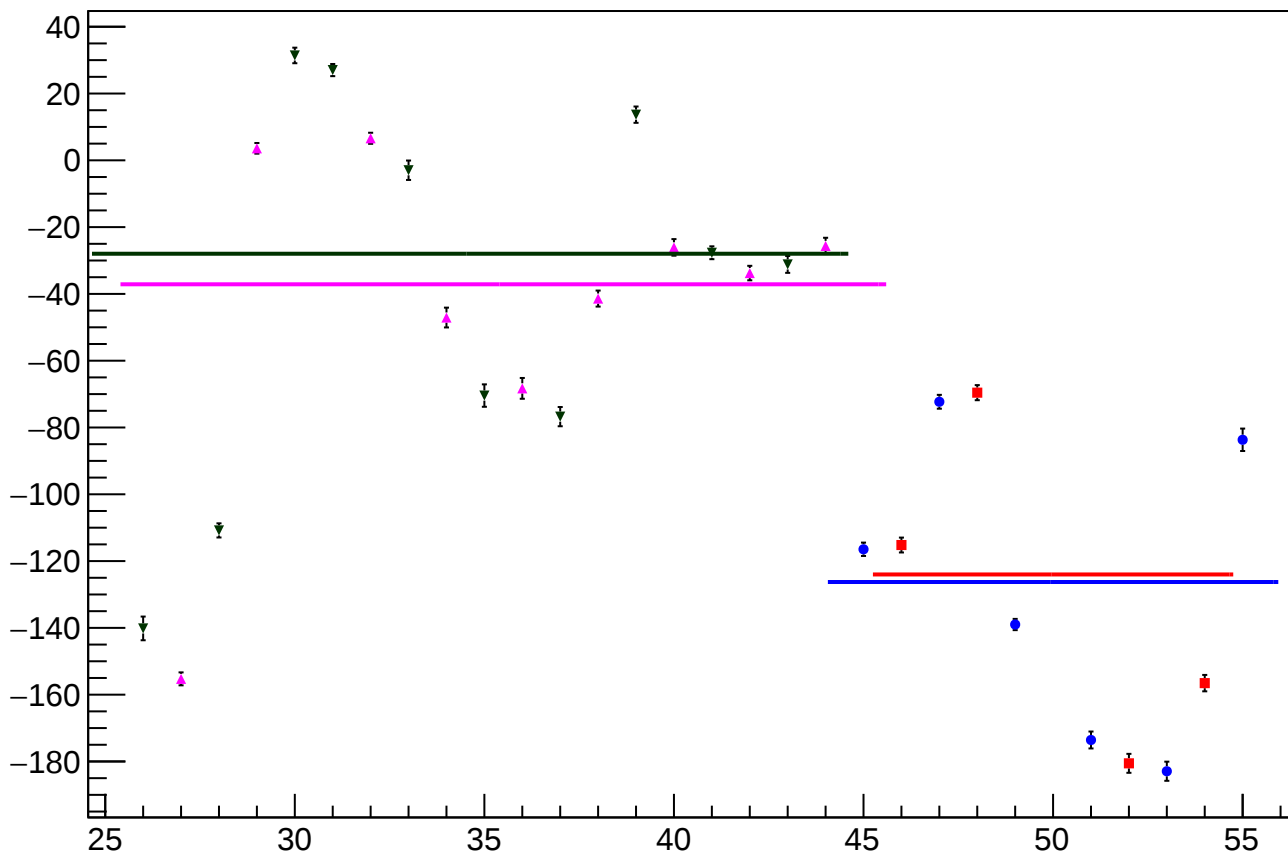
Right Out: 149.759+/-0.189 χ^2/NDF : 20188.7/3

Left In: 116.836+/-0.120 χ^2/NDF :1138.7/8

112.628+/-0.084 χ^2/NDF : 398888.2/15

126.289+/-0.101 χ^2/NDF : 42923.4/12

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -126.263+/-0.912 χ^2/NDF : 1659.4/5

Left Out: -27.970+/-0.765 χ^2/NDF : 4906.6/9

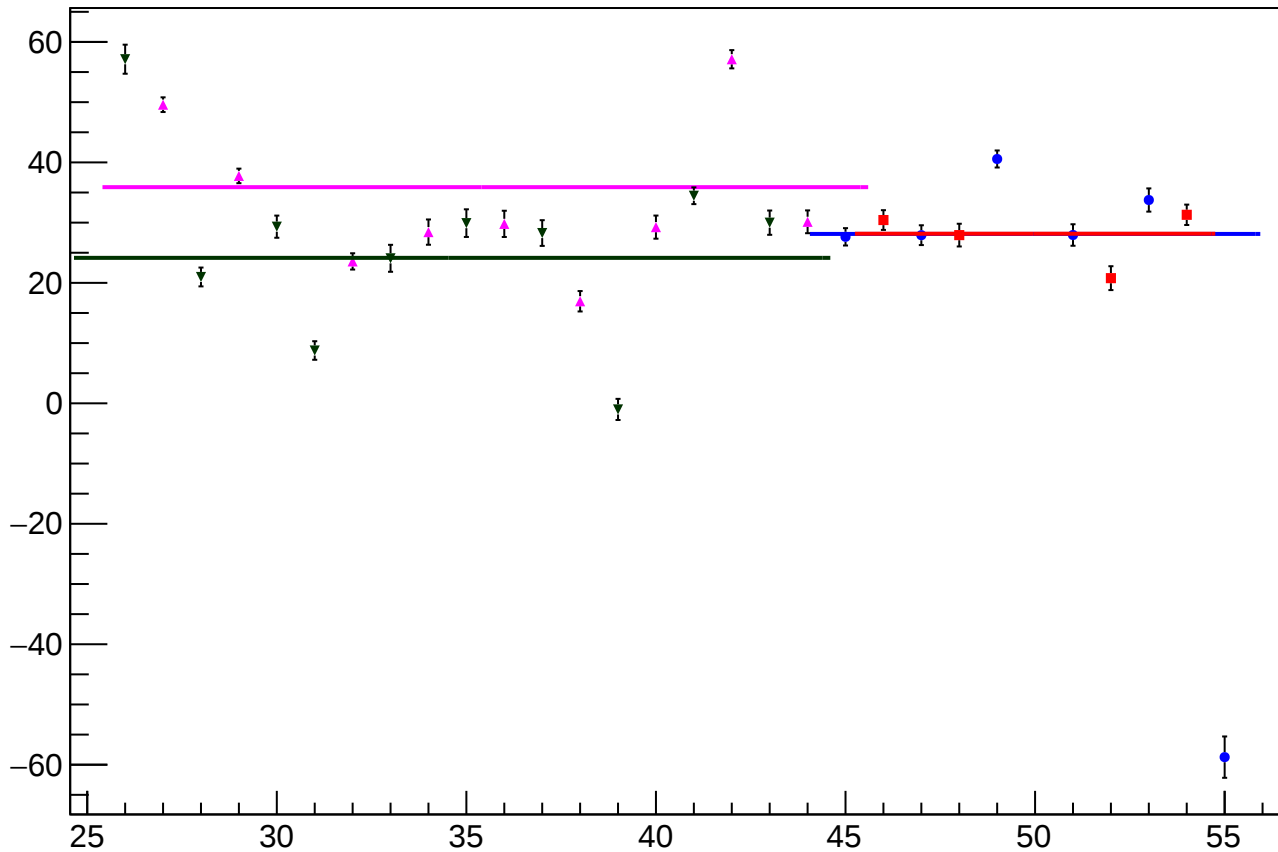
Right Out: -124.005+/-1.206 χ^2/NDF : 1168.4/3

Left In: -37.121+/-0.714 χ^2/NDF : 5219.8/8

-68.539+/-0.586 χ^2/NDF : 13384.1/15

-59.680+/-0.615 χ^2/NDF : 10229.0/12

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 28.124 $\pm$ 0.704 χ^2 /NDF: 726.9/5

Left Out: 24.152 $\pm$ 0.578 χ^2 /NDF: 577.8/9

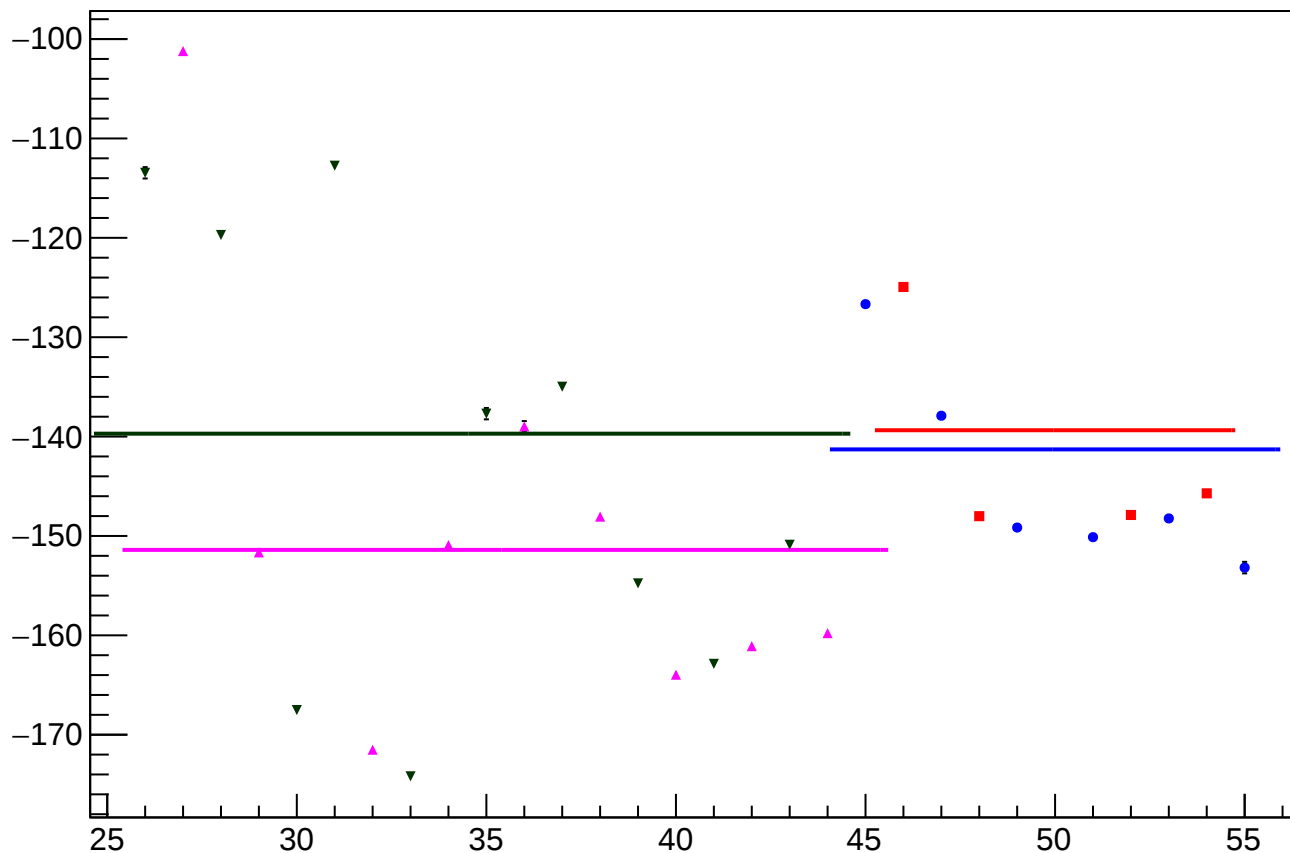
Right Out: 28.159 $\pm$ 0.892 χ^2 /NDF: 19.2/3

Left In: 35.889 $\pm$ 0.522 χ^2 /NDF: 574.5/8

25.752 $\pm$ 0.447 χ^2 /NDF: 1323.8/15

33.918 $\pm$ 0.450 χ^2 /NDF: 649.8/12

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -141.290+/-0.162 χ^2/NDF : 3702.1/5

Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

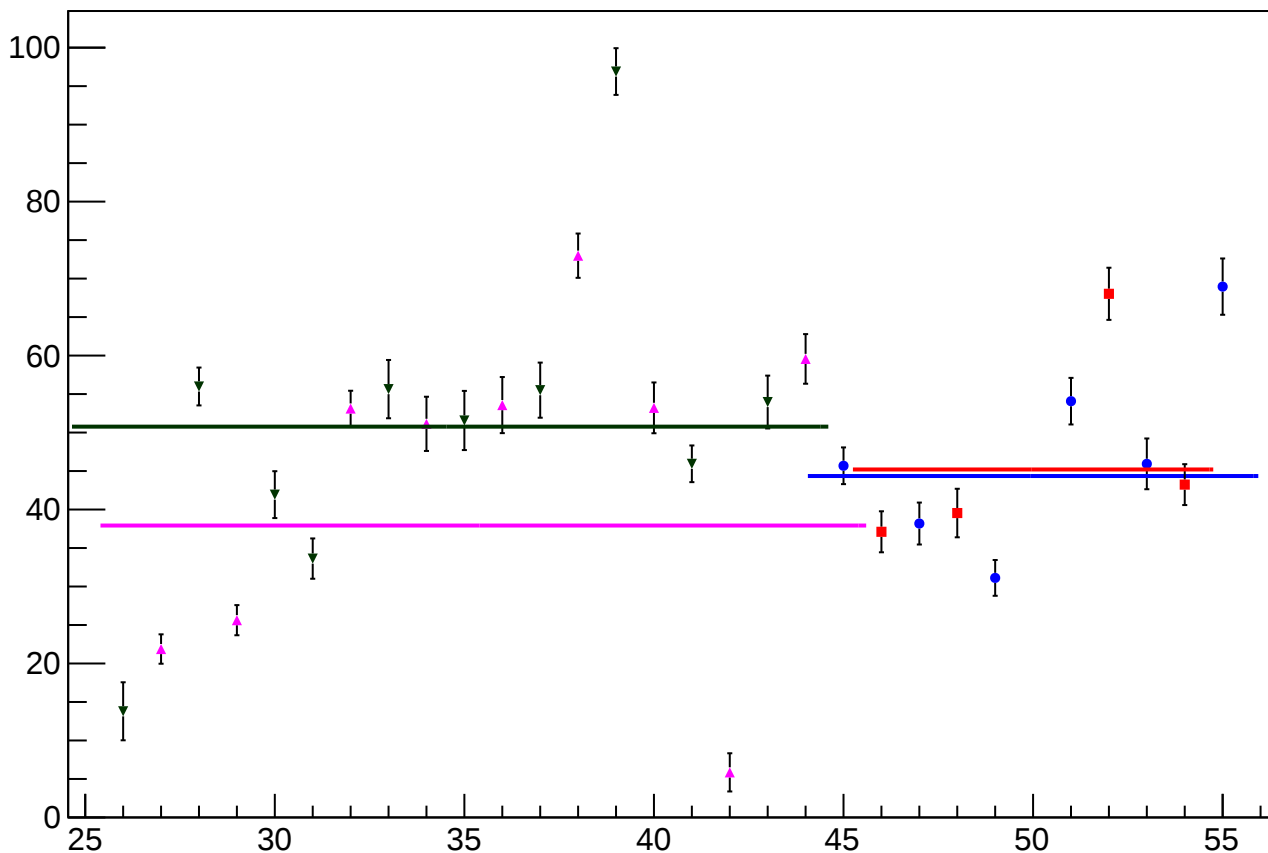
Right Out: -139.362+/-0.198 χ^2/NDF : 2867.2/3

Left In: -151.402+/-0.122 χ^2/NDF : 30317.9/8

-140.281+/-0.097 χ^2/NDF : 38995.3/15

-148.084+/-0.104 χ^2/NDF : 35867.5/12

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 44.353+/-1.138 χ^2 /NDF: 93.7/5

Left Out: 50.768+/-0.965 χ^2 /NDF:391.5/9

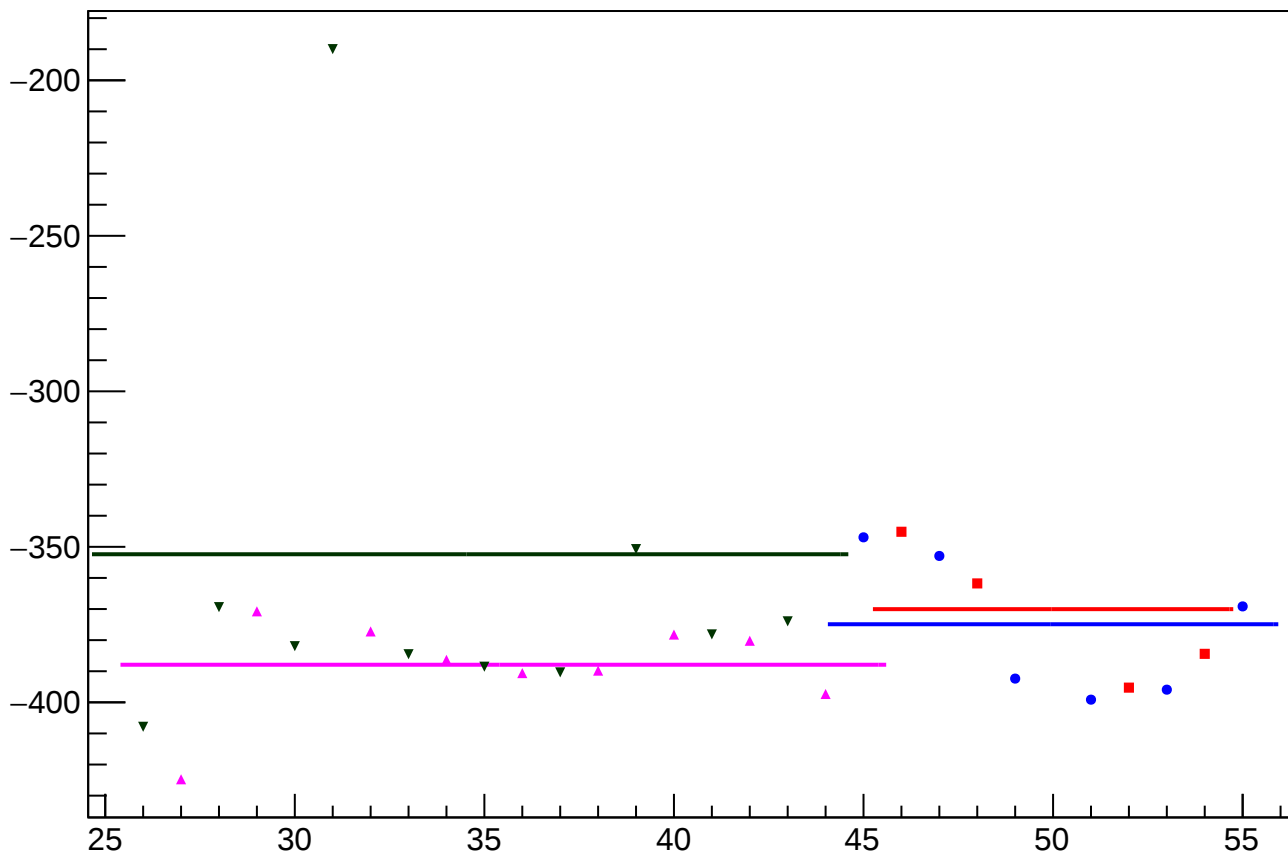
Right Out: 45.204+/-1.458 χ^2 /NDF: 58.4/3

Left In: 37.922+/-0.861 χ^2 /NDF:567.8/8

48.086+/-0.736 χ^2 /NDF: 503.7/15

39.805+/-0.741 χ^2 /NDF: 644.7/12

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -374.889 ± 0.220 χ^2/NDF : 9614.6/5

Left Out: -352.385 ± 0.178 χ^2/NDF : 145038.2/9

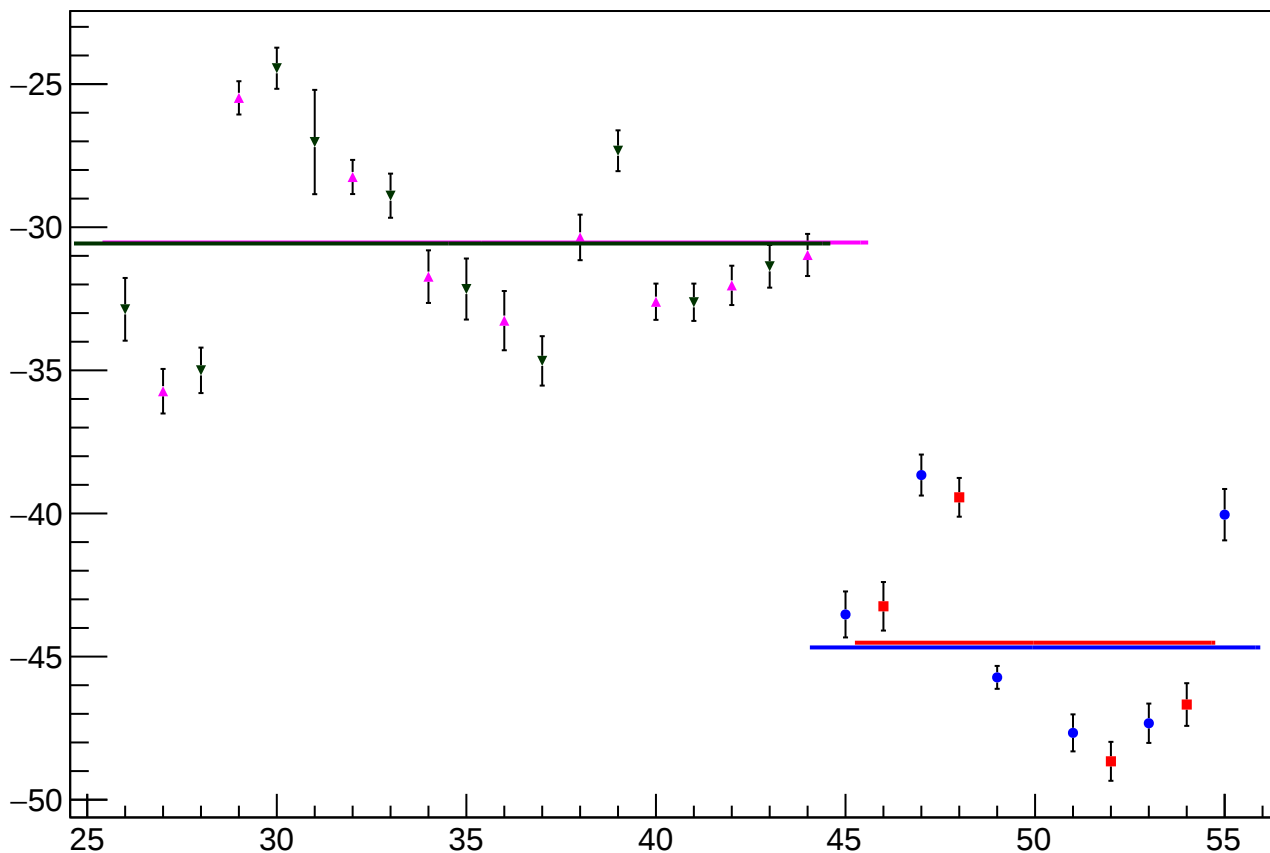
Right Out: -370.038 ± 0.286 χ^2/NDF : 4876.8/3

Left In: -387.911 ± 0.183 χ^2/NDF : 8311.7/8

-361.294 ± 0.139 χ^2/NDF : 160953.9/15

-382.733 ± 0.154 χ^2/NDF : 15966.4/12

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.680 $\pm$ 0.254 χ^2 /NDF: 142.5/5

Left Out: -30.568 $\pm$ 0.261 χ^2 /NDF:173.1/9

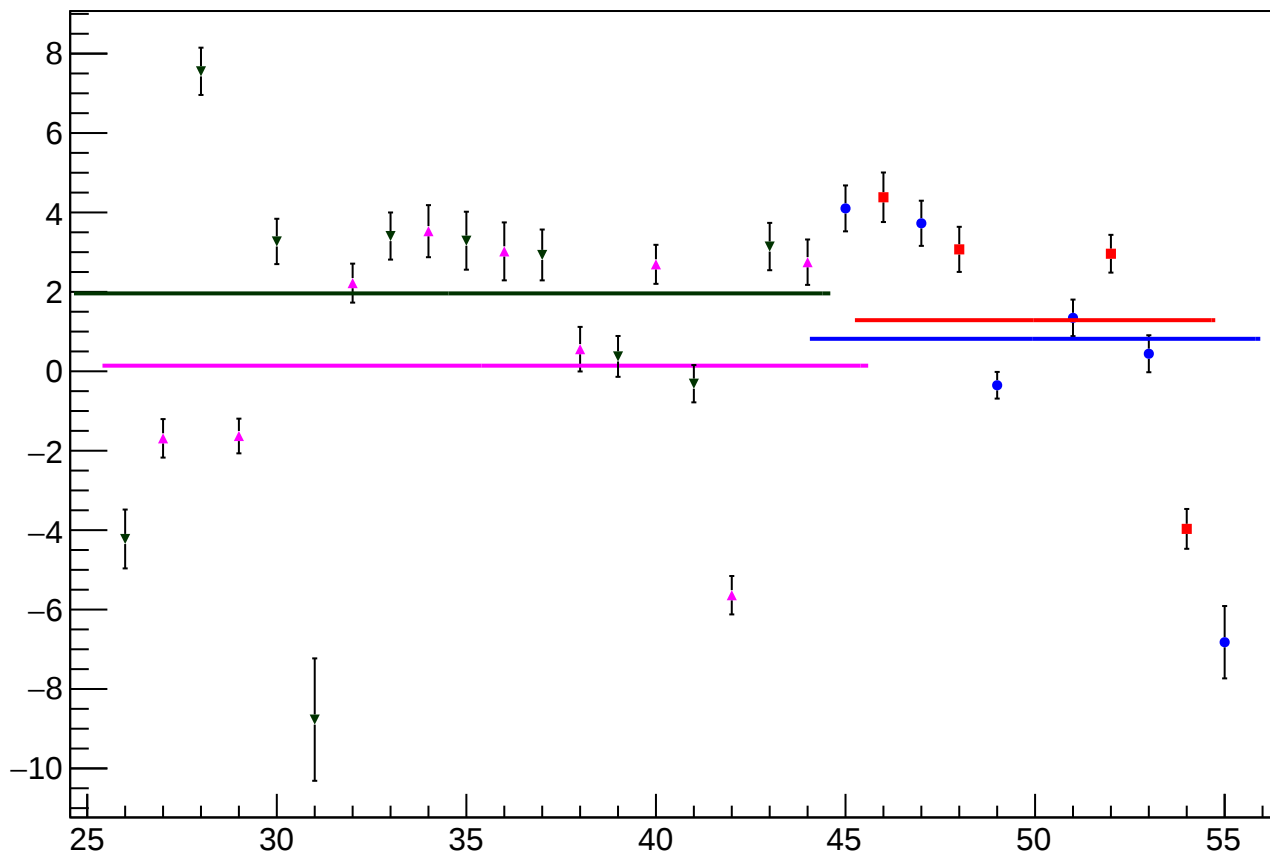
Right Out: -44.514 $\pm$ 0.364 χ^2 /NDF: 104.0/3

Left In: -30.535 $\pm$ 0.239 χ^2 /NDF:159.3/8

-37.815 $\pm$ 0.182 χ^2 /NDF: 1816.9/15

-34.728 $\pm$ 0.200 χ^2 /NDF: 1293.7/12

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.818 $\pm$ 0.198 χ^2/NDF : 142.8/5

Left Out: 1.962 $\pm$ 0.195 χ^2/NDF :260.0/9

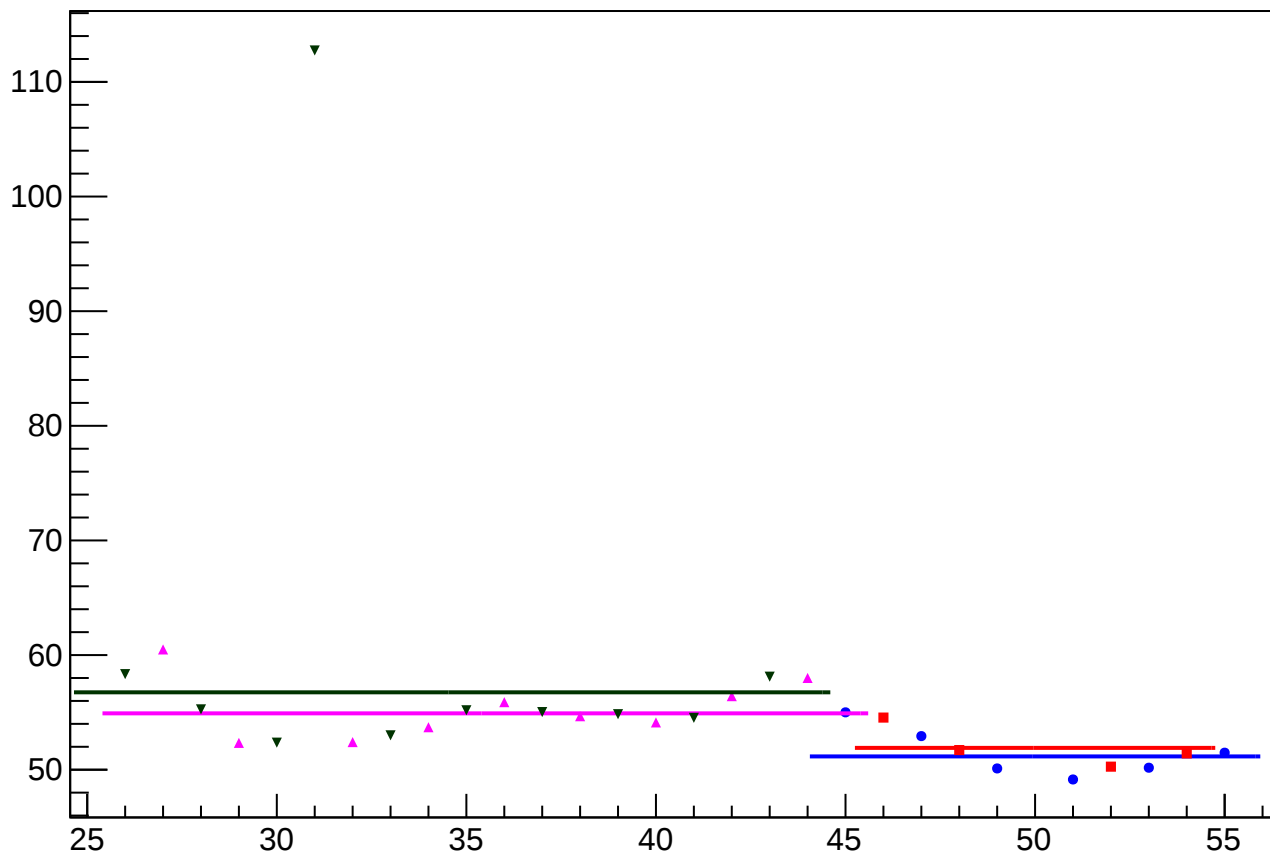
Right Out: 1.287 $\pm$ 0.267 χ^2/NDF : 156.6/3

Left In: 0.142 $\pm$ 0.175 χ^2/NDF :282.0/8

1.400 $\pm$ 0.139 χ^2/NDF : 419.8/15

0.488 $\pm$ 0.147 χ^2/NDF : 451.5/12

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.160 $\pm$ 0.046 χ^2 /NDF: 1654.6/5

Left Out: 56.751 $\pm$ 0.043 χ^2 /NDF: 56417.9/9

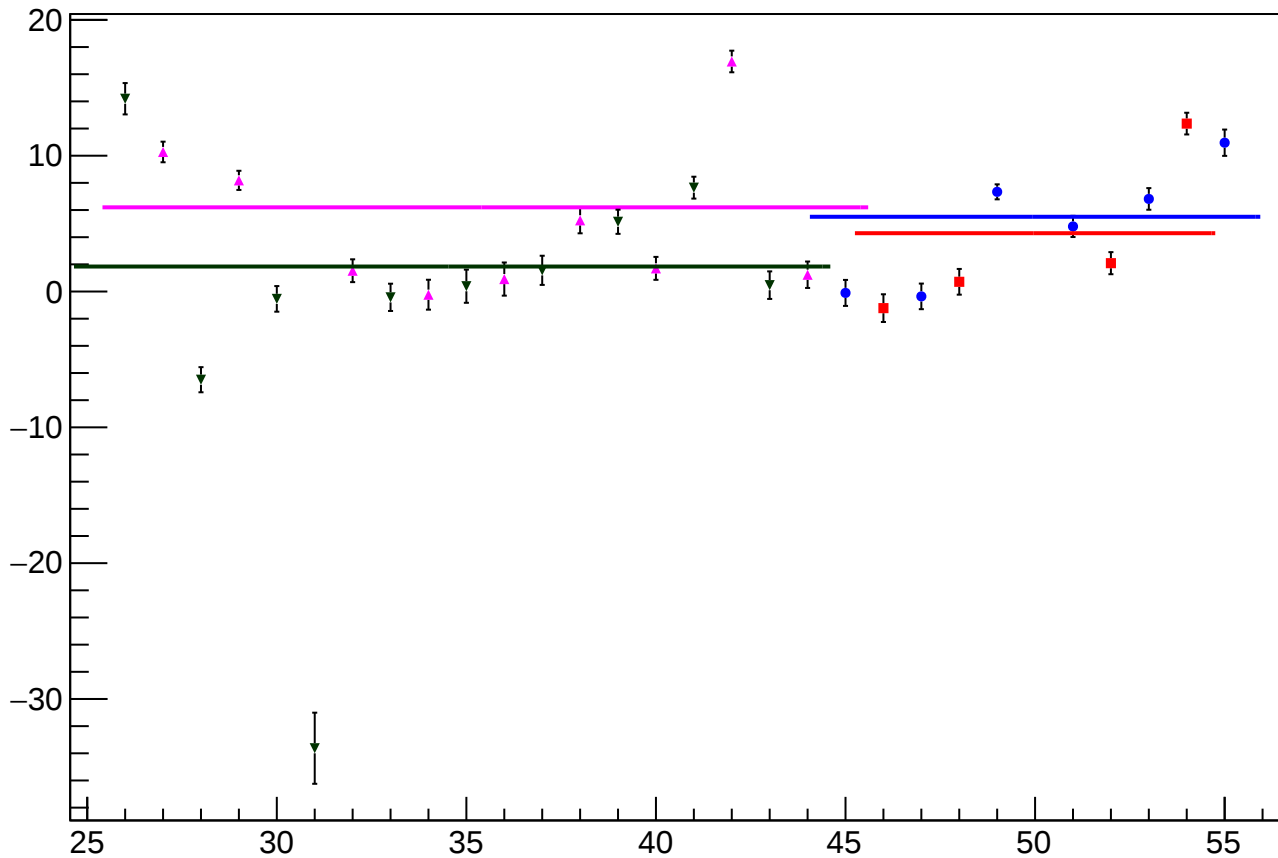
Right Out: 51.904 $\pm$ 0.061 χ^2 /NDF: 645.1/3

Left In: 54.917 $\pm$ 0.041 χ^2 /NDF: 3795.7/8

54.155 $\pm$ 0.032 χ^2 /NDF: 65819.5/15

53.986 $\pm$ 0.034 χ^2 /NDF: 6120.3/12

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 5.504 $\pm$ 0.320 χ^2 /NDF: 119.2/5

Left Out: 1.840 $\pm$ 0.325 χ^2 /NDF: 459.7/9

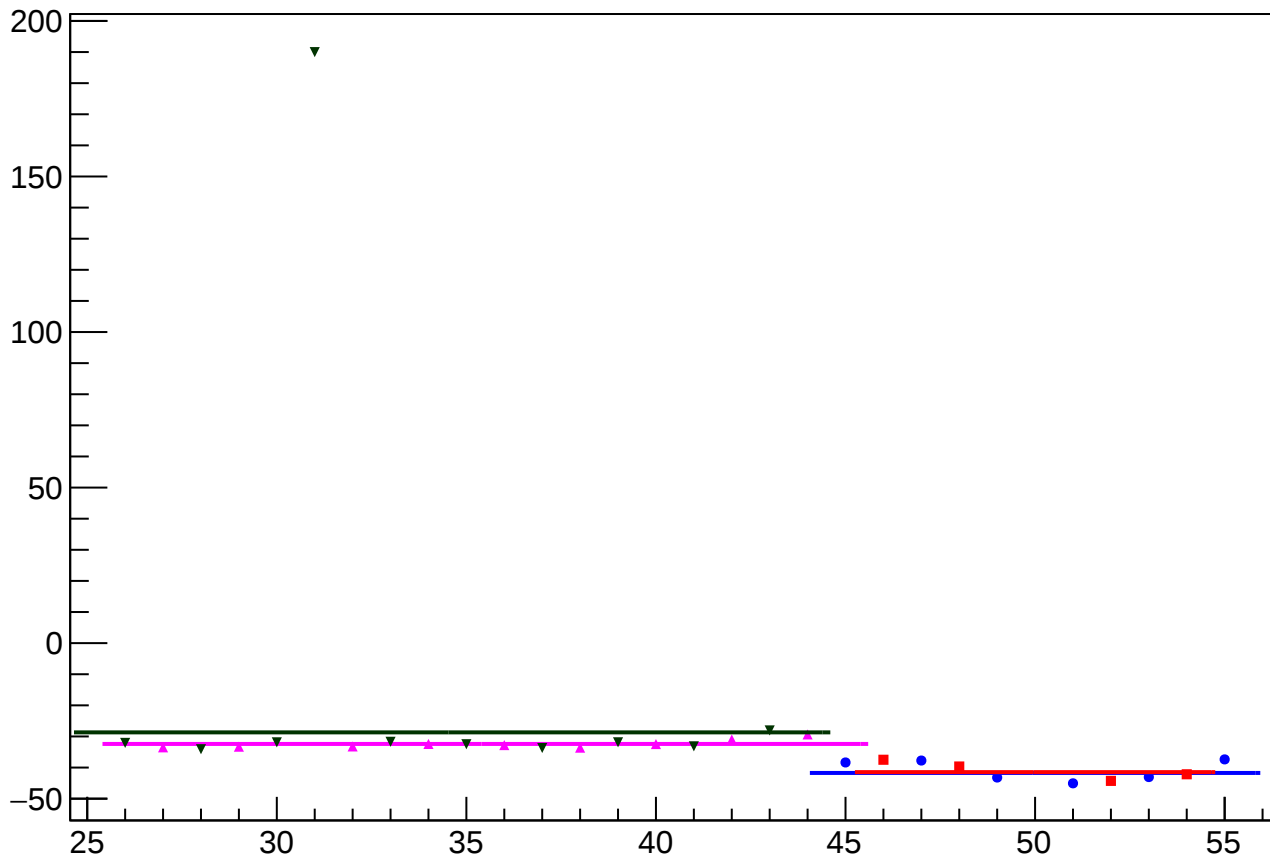
Right Out: 4.294 $\pm$ 0.441 χ^2 /NDF: 152.8/3

Left In: 6.199 $\pm$ 0.291 χ^2 /NDF: 358.1/8

3.698 $\pm$ 0.228 χ^2 /NDF: 643.6/15

5.620 $\pm$ 0.243 χ^2 /NDF: 523.9/12

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -41.730 $\pm$ 0.061 χ^2 /NDF: 2094.9/5

Left Out: -28.687 $\pm$ 0.059 χ^2 /NDF:220527.8/9

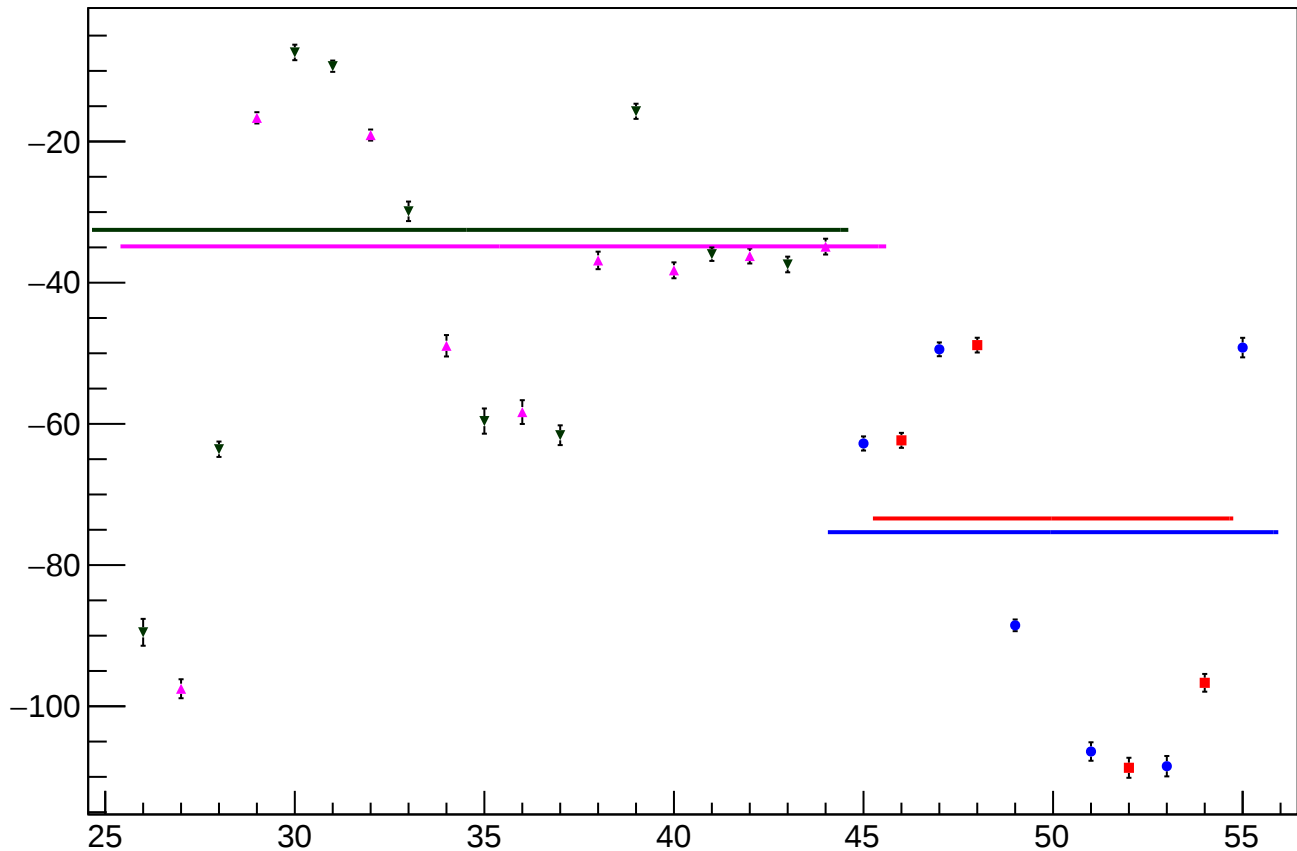
-34.935 $\pm$ 0.042 χ^2 /NDF: 246305.6/15

Right Out: -41.467 $\pm$ 0.084 χ^2 /NDF: 930.4/3

-35.466 $\pm$ 0.049 χ^2 /NDF: 9133.6/12

Left In: -32.407 $\pm$ 0.060 χ^2 /NDF:448.5/8

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -75.339 ± 0.444 χ^2/NDF : 2558.9/5

Left Out: -32.518 ± 0.362 χ^2/NDF : 4017.1/9

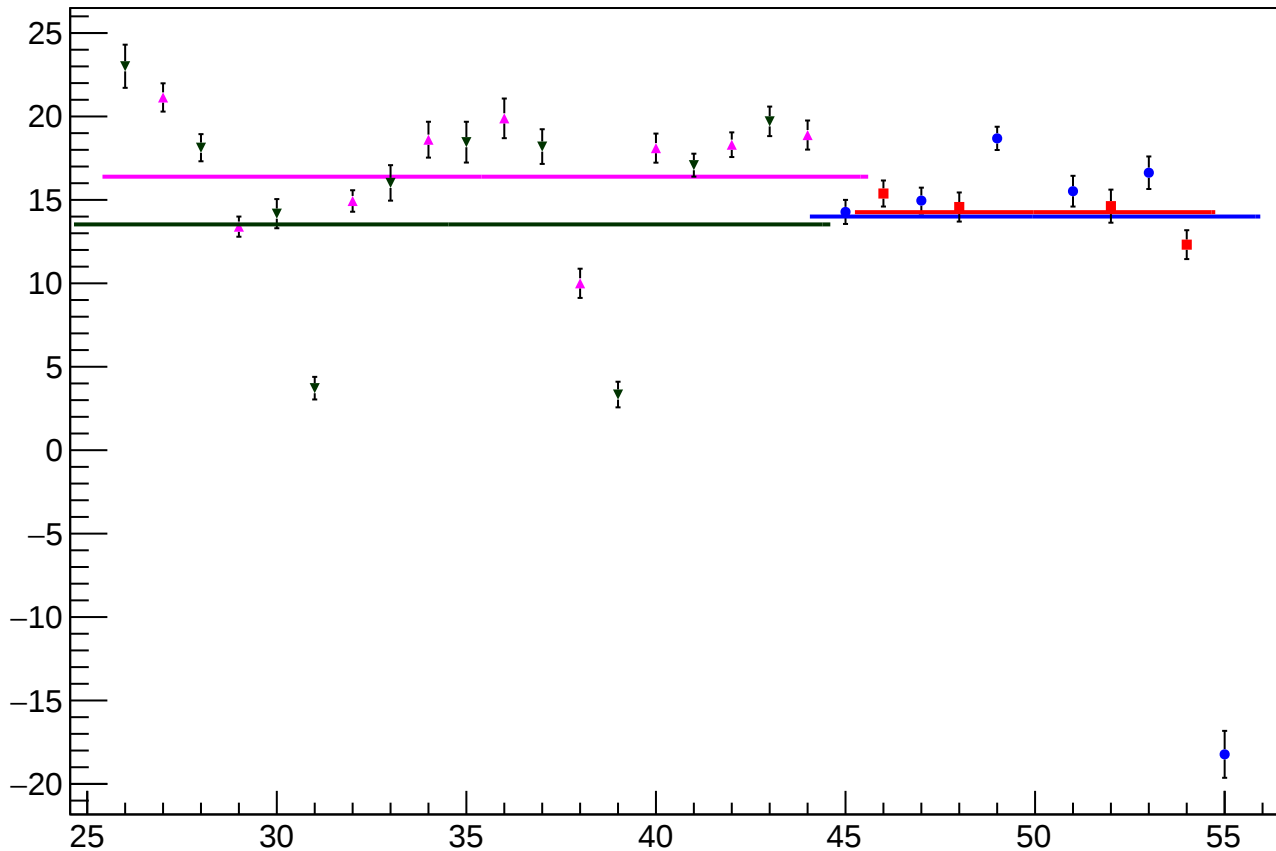
Right Out: -73.399 ± 0.584 χ^2/NDF : 1621.8/3

Left In: -34.857 ± 0.361 χ^2/NDF : 3392.2/8

-49.620 ± 0.280 χ^2/NDF : 12170.9/15

-45.514 ± 0.307 χ^2/NDF : 8163.2/12

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 14.003+/-0.346 χ^2/NDF : 582.0/5

Left Out: 13.531+/-0.276 χ^2/NDF : 589.5/9

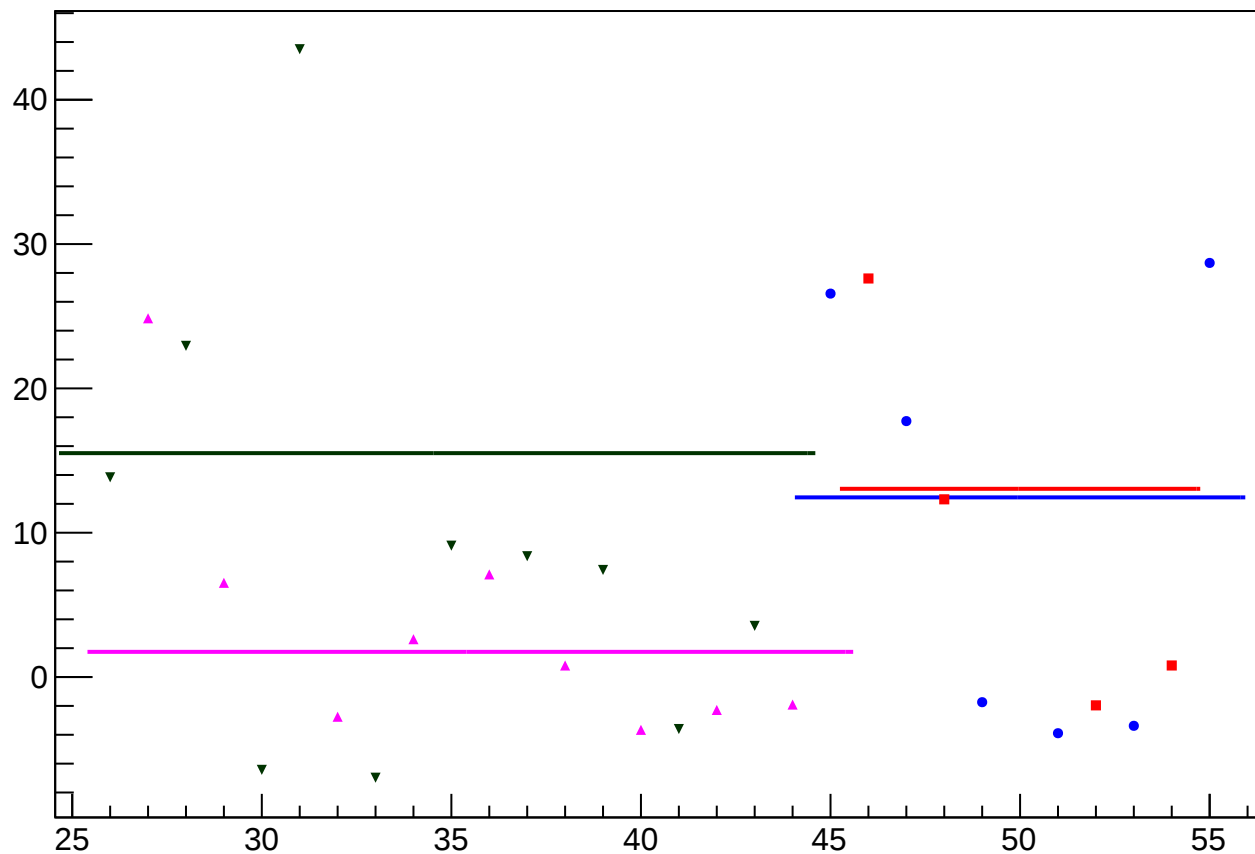
Right Out: 14.266+/-0.434 χ^2/NDF : 7.4/3

Left In: 16.391+/-0.268 χ^2/NDF : 146.0/8

13.714+/-0.215 χ^2/NDF : 1172.6/15

15.803+/-0.228 χ^2/NDF : 170.7/12

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 12.448 $\pm$ 0.079 χ^2 /NDF: 29179.3/5

Left Out: 15.514 $\pm$ 0.057 χ^2 /NDF: 116500.8/9

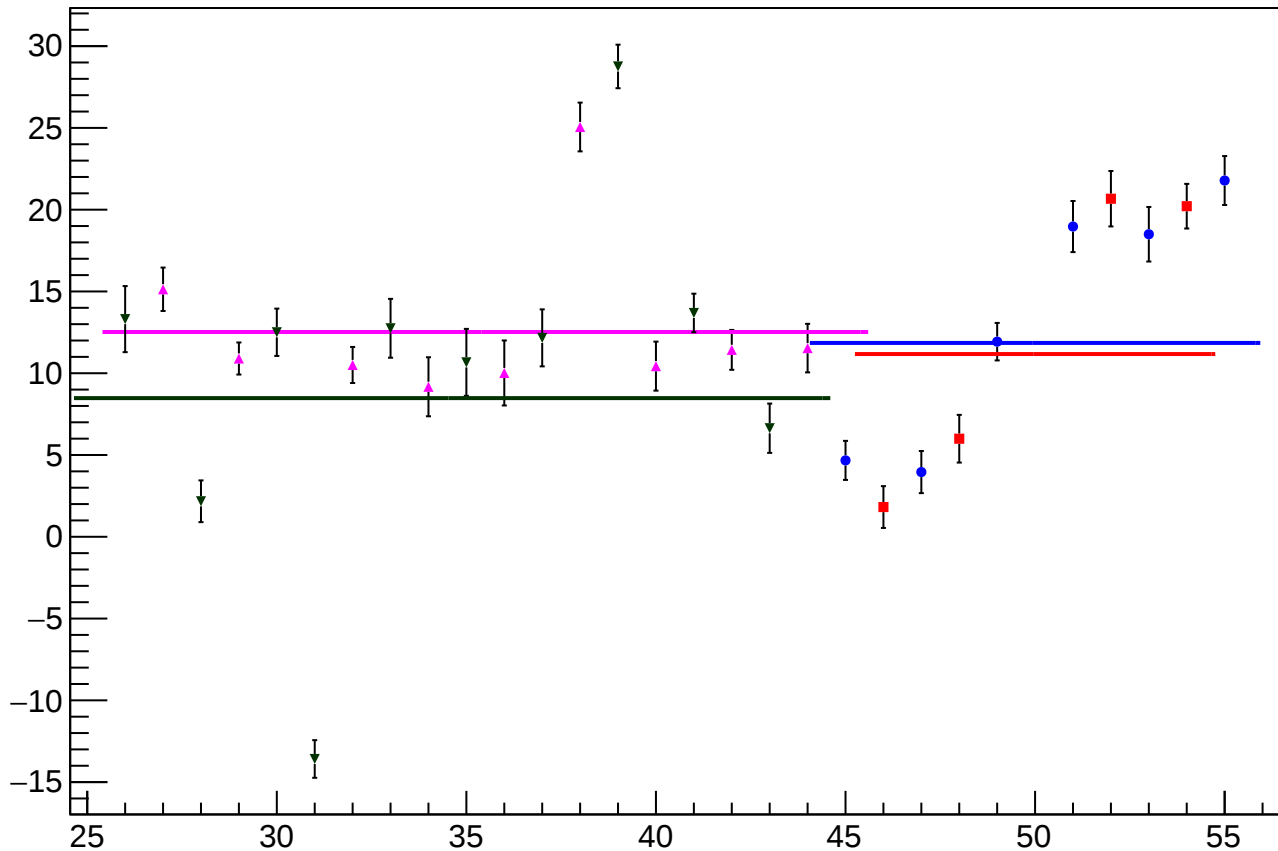
Right Out: 13.043 $\pm$ 0.096 χ^2 /NDF: 15919.0/3

Left In: 1.745 $\pm$ 0.061 χ^2 /NDF: 13830.4/8

14.453 $\pm$ 0.046 χ^2 /NDF: 146676.4/15

5.053 $\pm$ 0.052 χ^2 /NDF: 39643.6/12

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 11.853+/-0.552 χ^2/NDF : 154.4/5

Left Out: 8.478+/-0.462 χ^2/NDF : 669.8/9

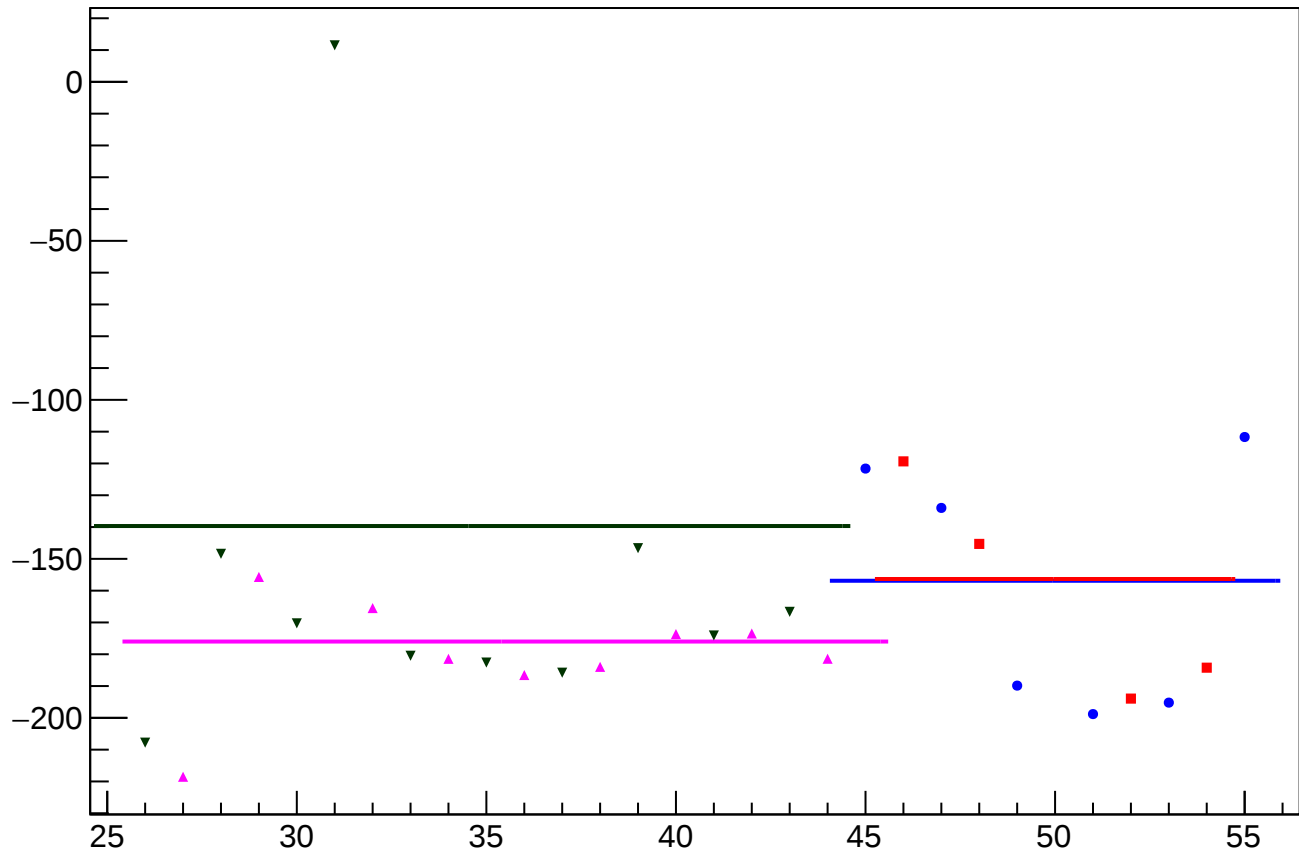
Right Out: 11.173+/-0.713 χ^2/NDF : 141.4/3

Left In: 12.522+/-0.447 χ^2/NDF : 88.8/8

9.867+/-0.354 χ^2/NDF : 846.2/15

12.142+/-0.378 χ^2/NDF : 232.8/12

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -156.890+/-0.107 χ^2/NDF : 111776.6/5

Left Out: -139.677+/-0.085 χ^2/NDF : 679792.9/9

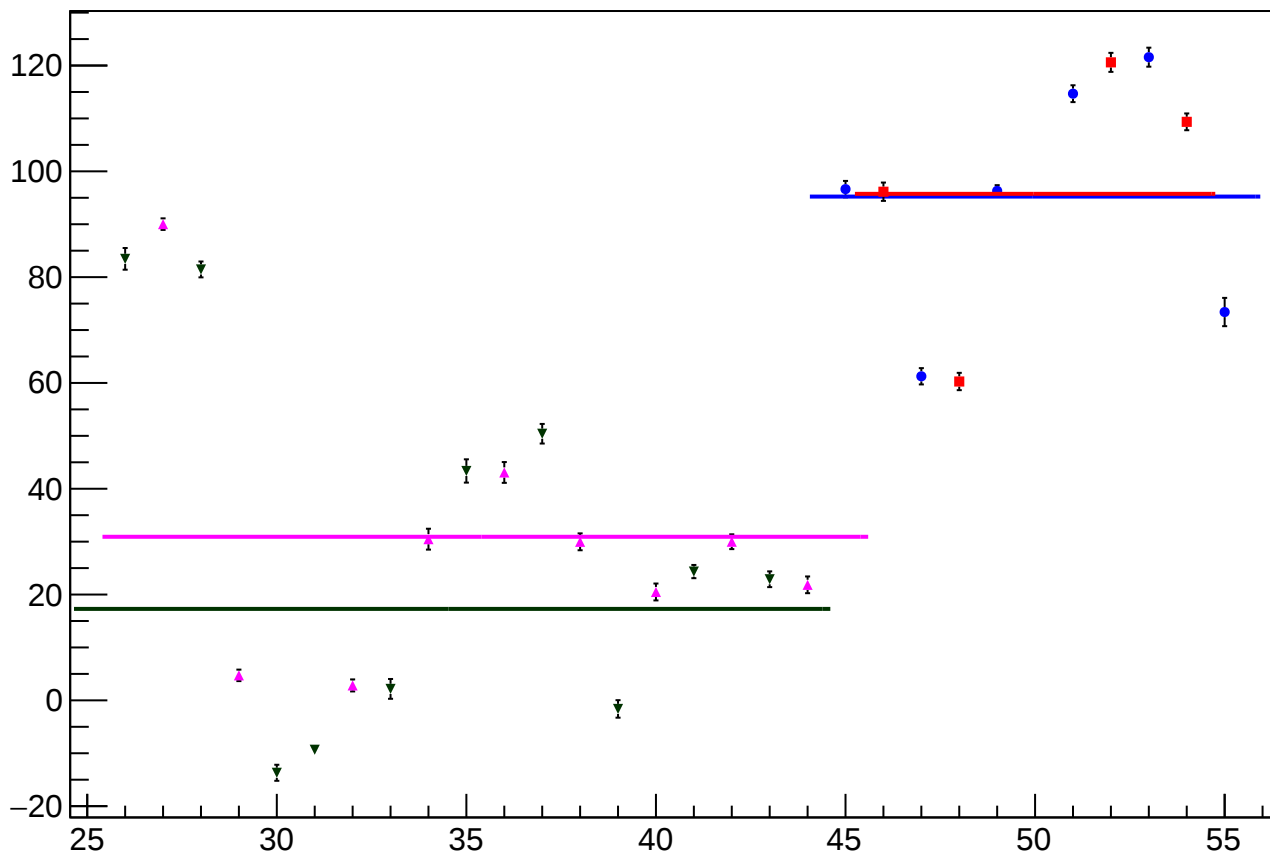
Right Out: -156.338+/-0.139 χ^2/NDF : 48076.0/3

Left In: -176.005+/-0.093 χ^2/NDF : 29134.4/8

-146.385+/-0.067 χ^2/NDF : 807439.0/15

-169.965+/-0.077 χ^2/NDF : 90998.2/12

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 95.229 $\pm$ 0.627 χ^2 /NDF: 918.9/5

Left Out: 17.287 $\pm$ 0.451 χ^2 /NDF: 5099.2/9

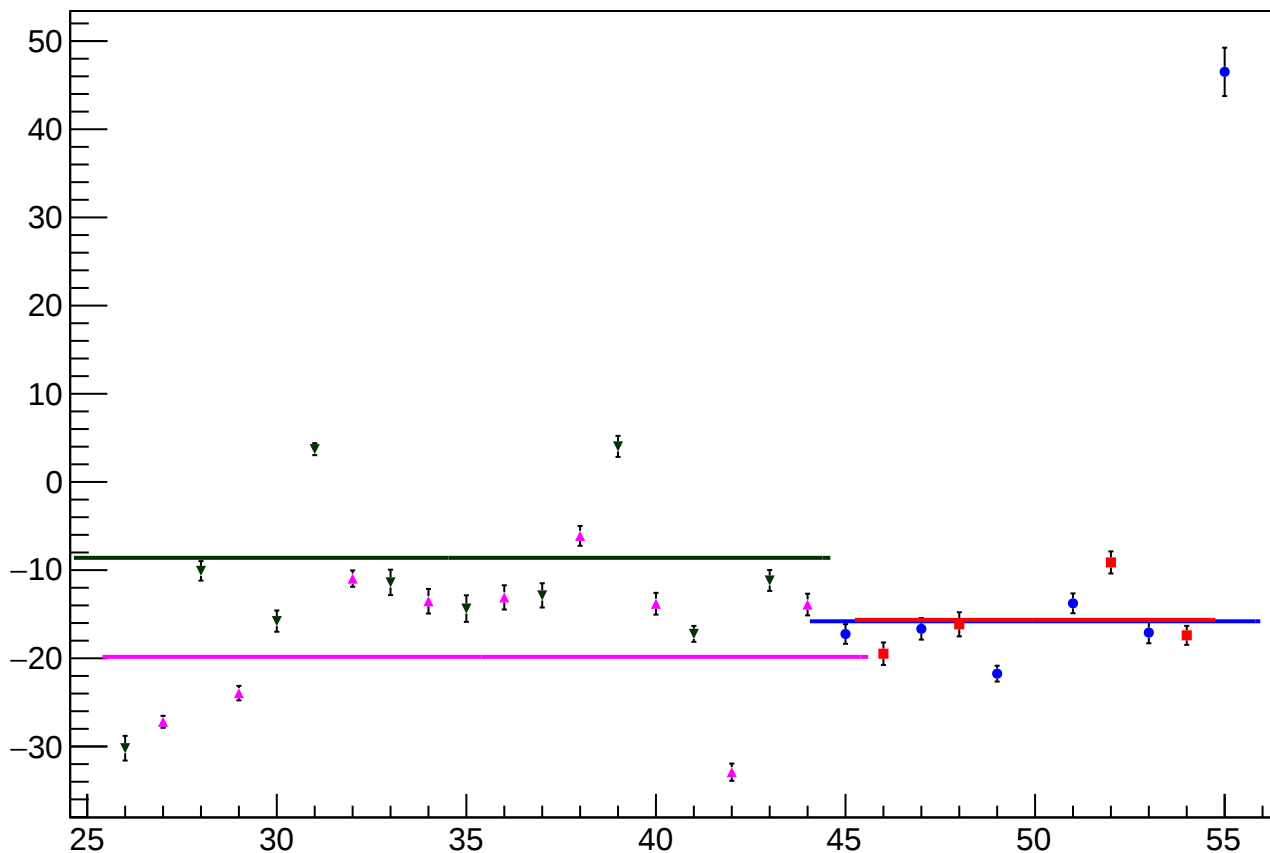
Right Out: 95.746 $\pm$ 0.841 χ^2 /NDF: 735.4/3

Left In: 30.920 $\pm$ 0.463 χ^2 /NDF: 4232.7/8

43.870 $\pm$ 0.366 χ^2 /NDF: 16210.4/15

45.989 $\pm$ 0.405 χ^2 /NDF: 9530.9/12

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -15.803 ± 0.482 $\chi^2/\text{NDF}: 565.7/5$

Left Out: -8.606 ± 0.347 $\chi^2/\text{NDF}: 842.3/9$

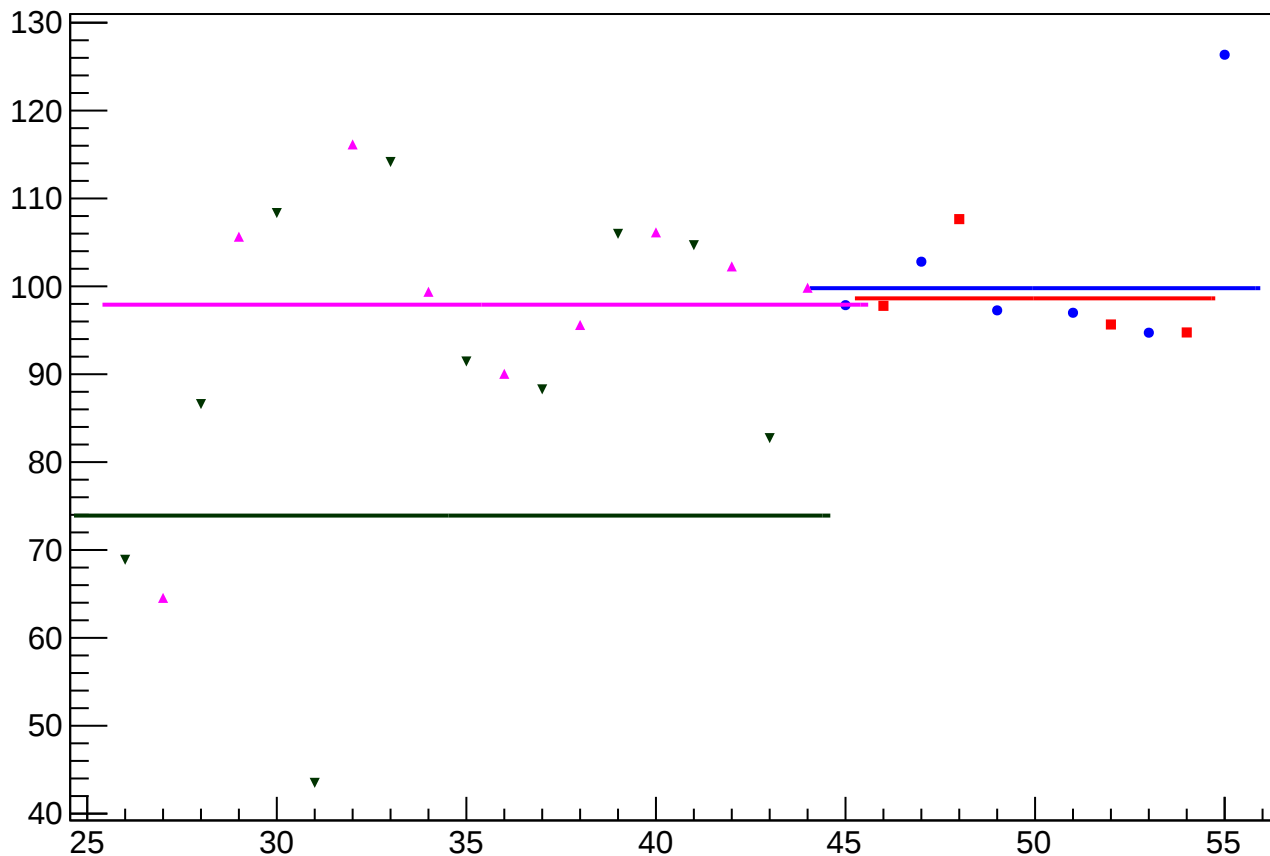
Right Out: -15.641 ± 0.615 $\chi^2/\text{NDF}: 38.8/3$

Left In: -19.837 ± 0.333 $\chi^2/\text{NDF}: 654.2/8$

-11.066 ± 0.282 $\chi^2/\text{NDF}: 1554.8/15$

-18.885 ± 0.293 $\chi^2/\text{NDF}: 729.0/12$

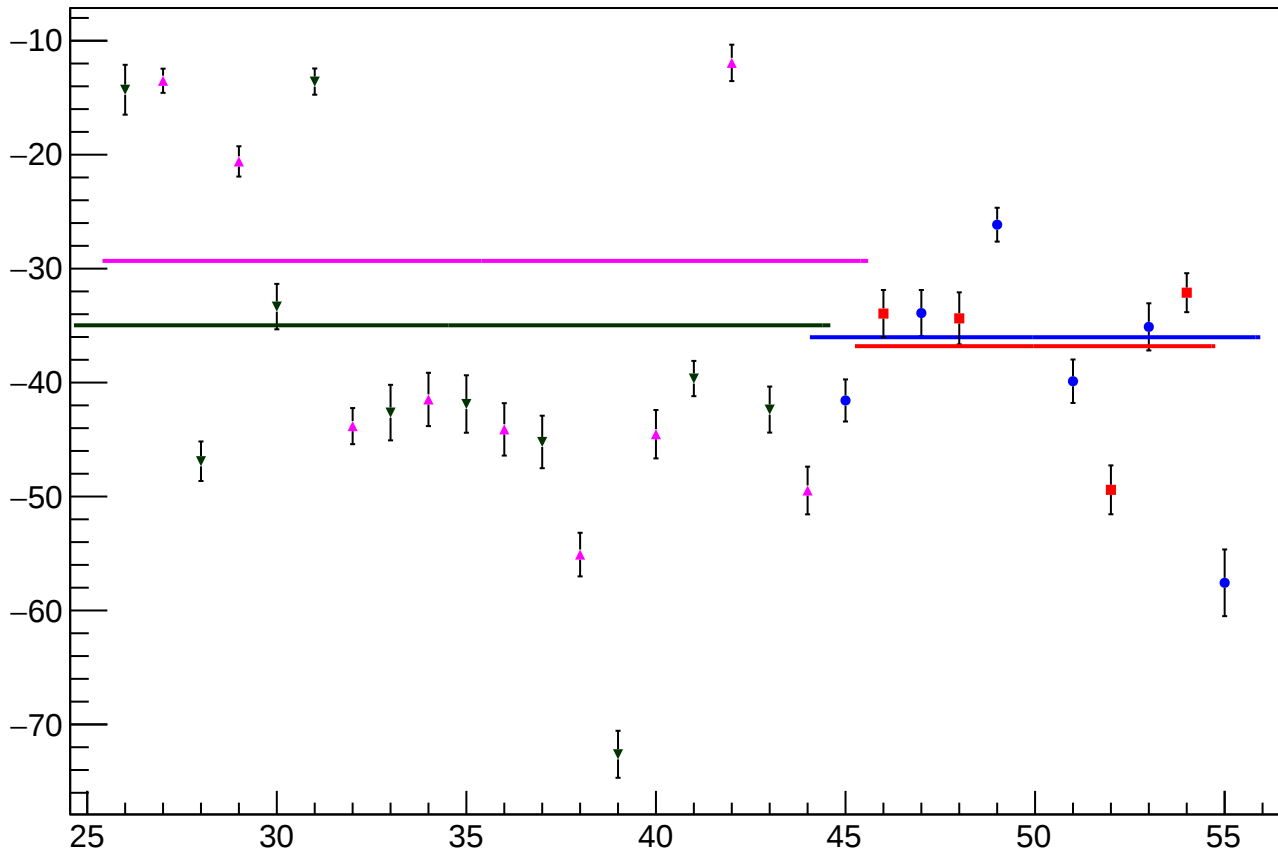
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 99.791 $\pm$ 0.112 χ^2 /NDF: 3983.2/5
 Left Out: 73.915 $\pm$ 0.069 χ^2 /NDF:161181.8/9
 Right Out: 98.633 $\pm$ 0.139 χ^2 /NDF: 1265.5/3
 Left In: 97.913 $\pm$ 0.079 χ^2 /NDF:43937.6/8

81.037 $\pm$ 0.059 χ^2 /NDF: 203538.8/15
 98.090 $\pm$ 0.069 χ^2 /NDF: 45223.3/12

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -36.020 ± 0.787 χ^2/NDF : 112.9/5

Left Out: -34.973 ± 0.581 χ^2/NDF : 875.4/9

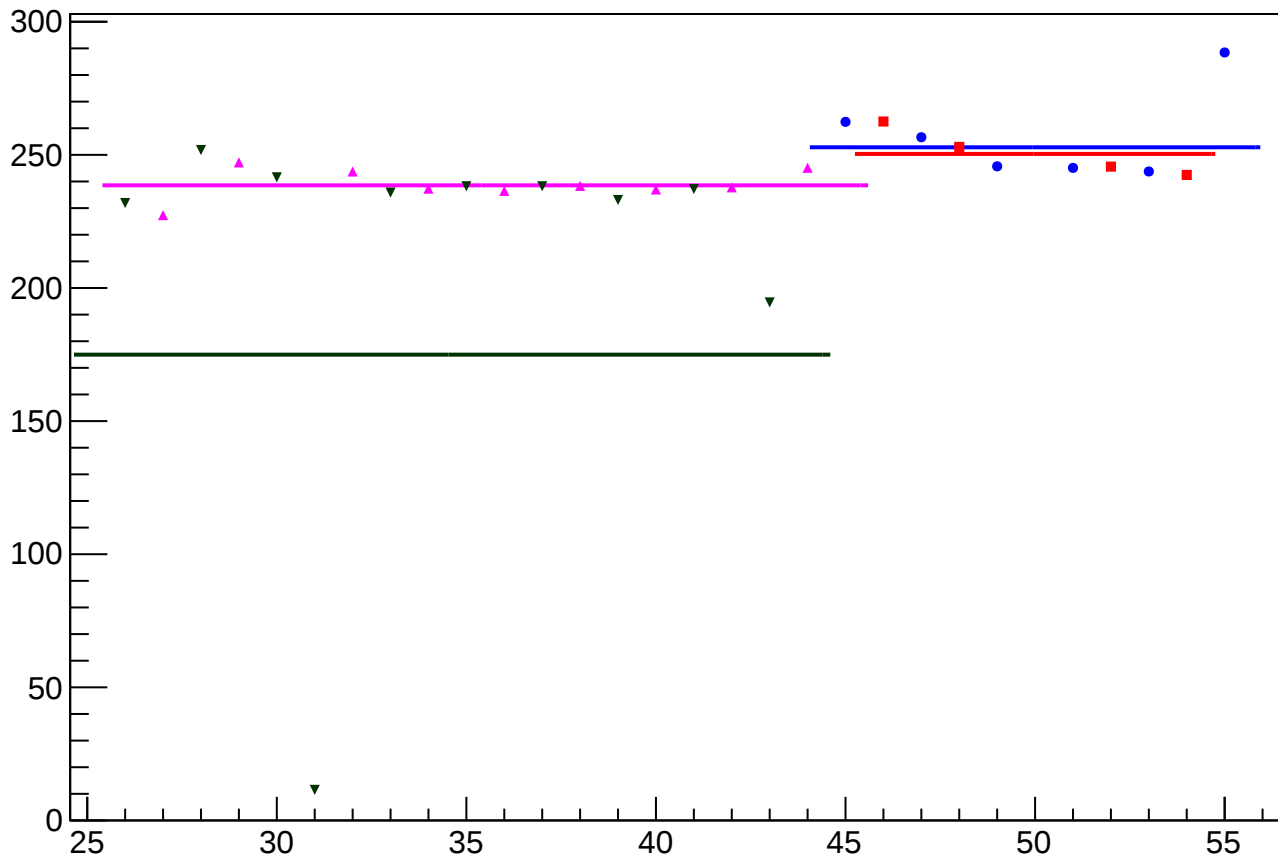
Right Out: -36.806 ± 1.008 χ^2/NDF : 45.2/3

Left In: -29.322 ± 0.547 χ^2/NDF : 861.1/8

-35.343 ± 0.467 χ^2/NDF : 989.4/15

-31.027 ± 0.481 χ^2/NDF : 948.8/12

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 252.849 +/- 0.152 χ^2/NDF : 6366.2/5

Left Out: 174.958 +/- 0.106 χ^2/NDF : 866358.0/9

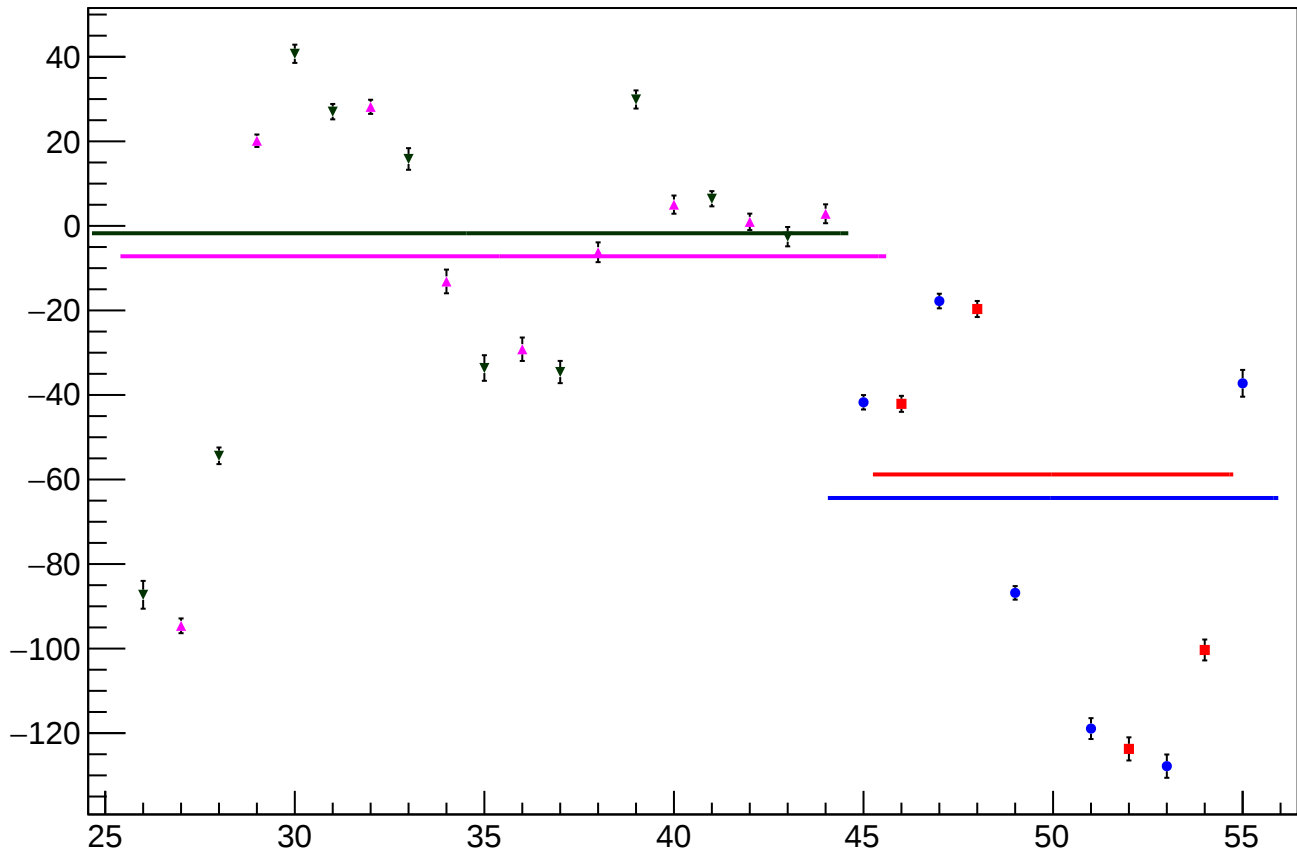
Right Out: 250.352 +/- 0.197 χ^2/NDF : 1515.3/3

Left In: 238.557 +/- 0.118 χ^2/NDF : 3005.9/8

200.612 +/- 0.087 χ^2/NDF : 1049364.4/15

241.658 +/- 0.101 χ^2/NDF : 7158.3/12

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -64.372 ± 0.828 χ^2/NDF : 2187.1/5

Left Out: -1.743 ± 0.709 χ^2/NDF : 2580.4/9

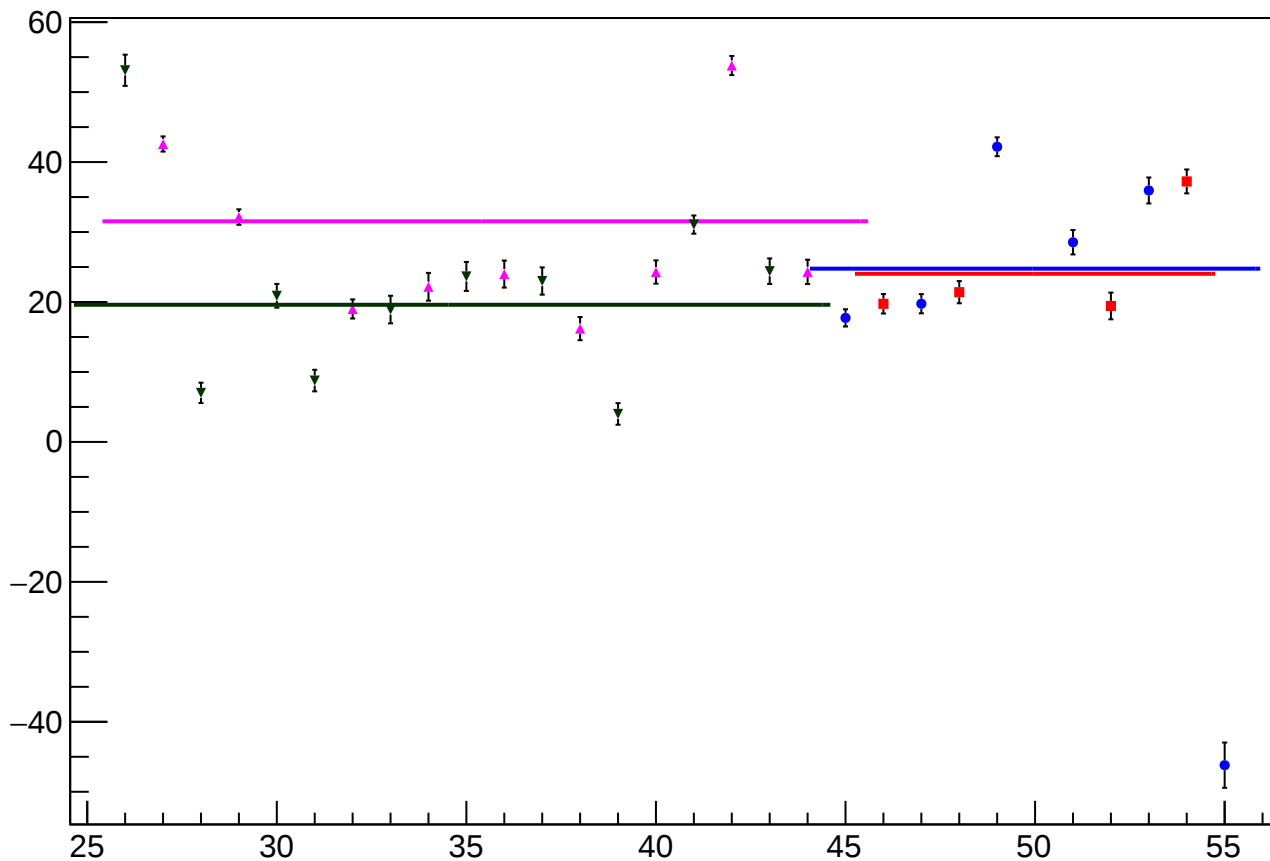
Right Out: -58.803 ± 1.083 χ^2/NDF : 1346.3/3

Left In: -7.188 ± 0.664 χ^2/NDF : 3435.5/8

-28.251 ± 0.538 χ^2/NDF : 8069.6/15

-21.282 ± 0.566 χ^2/NDF : 6431.9/12

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 24.765 ± 0.638 χ^2/NDF : 736.0/5

Left Out: 19.603 ± 0.534 χ^2/NDF : 544.7/9

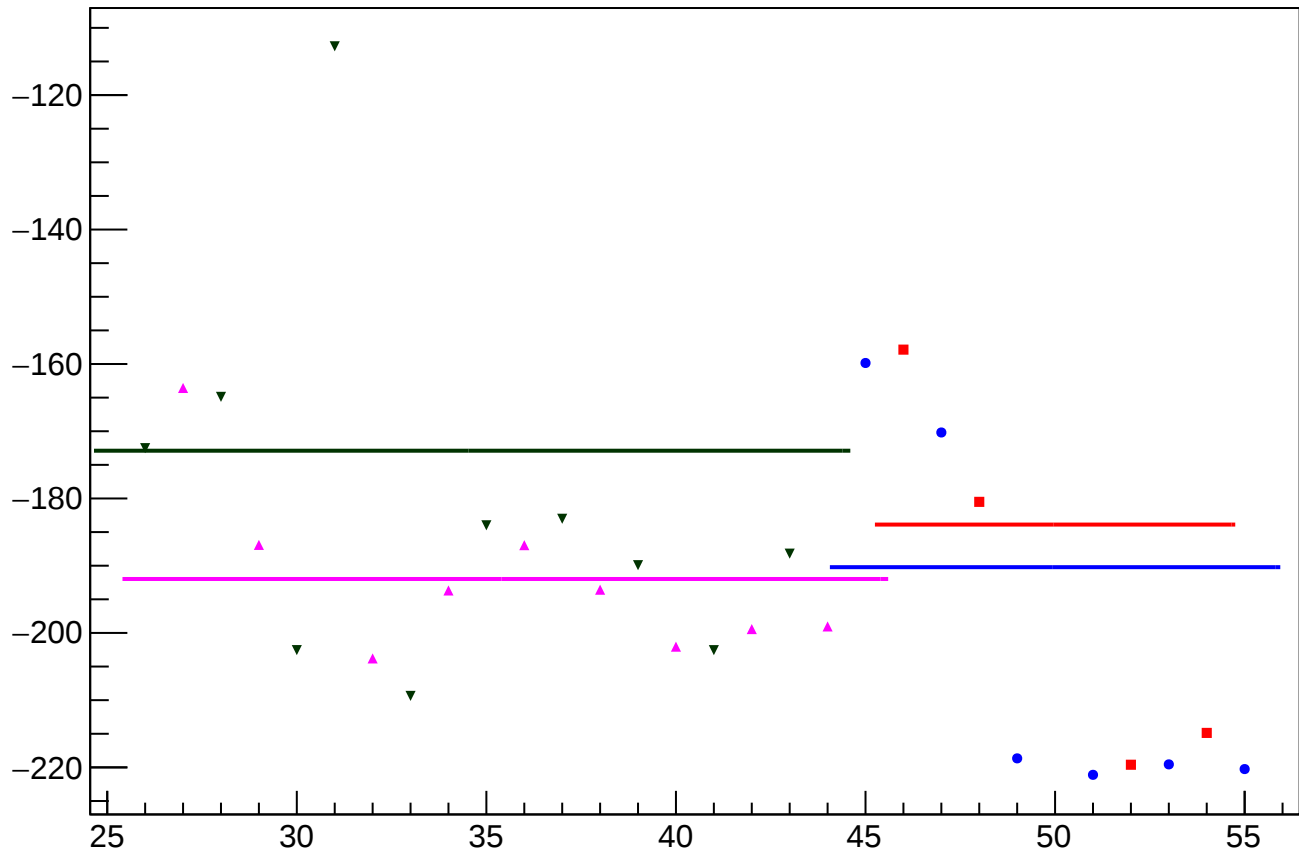
Right Out: 24.031 ± 0.808 χ^2/NDF : 77.7/3

Left In: 31.535 ± 0.482 χ^2/NDF : 612.9/8

21.730 ± 0.409 χ^2/NDF : 1319.2/15

29.569 ± 0.414 χ^2/NDF : 754.2/12

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -190.219+/-0.145 χ^2/NDF : 36204.7/5

Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

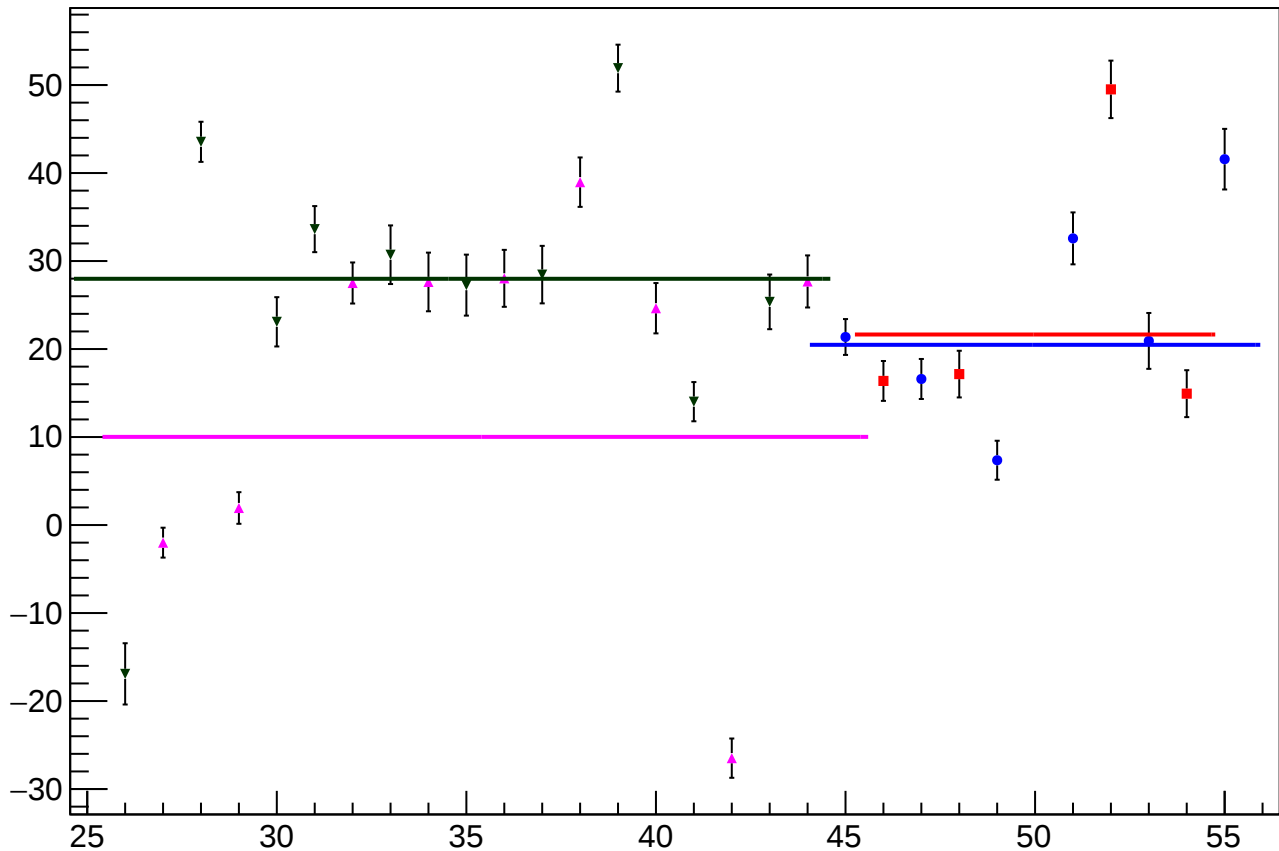
Right Out: -183.883+/-0.178 χ^2/NDF : 20053.2/3

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-179.501+/-0.090 χ^2/NDF : 135295.8/15

-189.607+/-0.096 χ^2/NDF : 33907.1/12

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 20.479+/-1.033 χ^2/NDF : 92.5/5

Left Out: 27.983+/-0.890 χ^2/NDF : 341.9/9

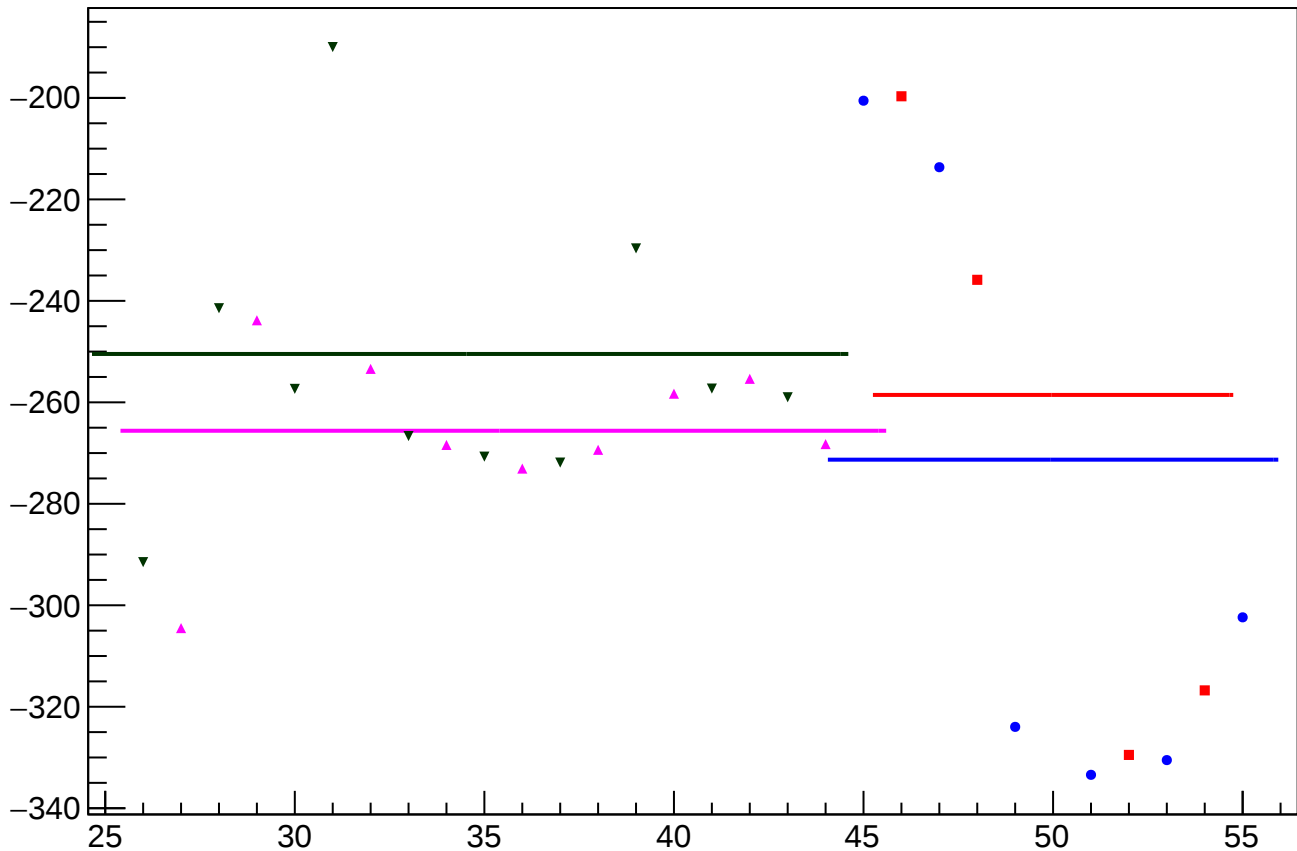
Right Out: 21.651+/-1.323 χ^2/NDF : 87.5/3

Left In: 10.018+/-0.793 χ^2/NDF : 620.8/8

24.784+/-0.675 χ^2/NDF : 464.7/15

13.095+/-0.680 χ^2/NDF : 765.2/12

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -271.301+/-0.200 χ^2/NDF : 86637.4/5

Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

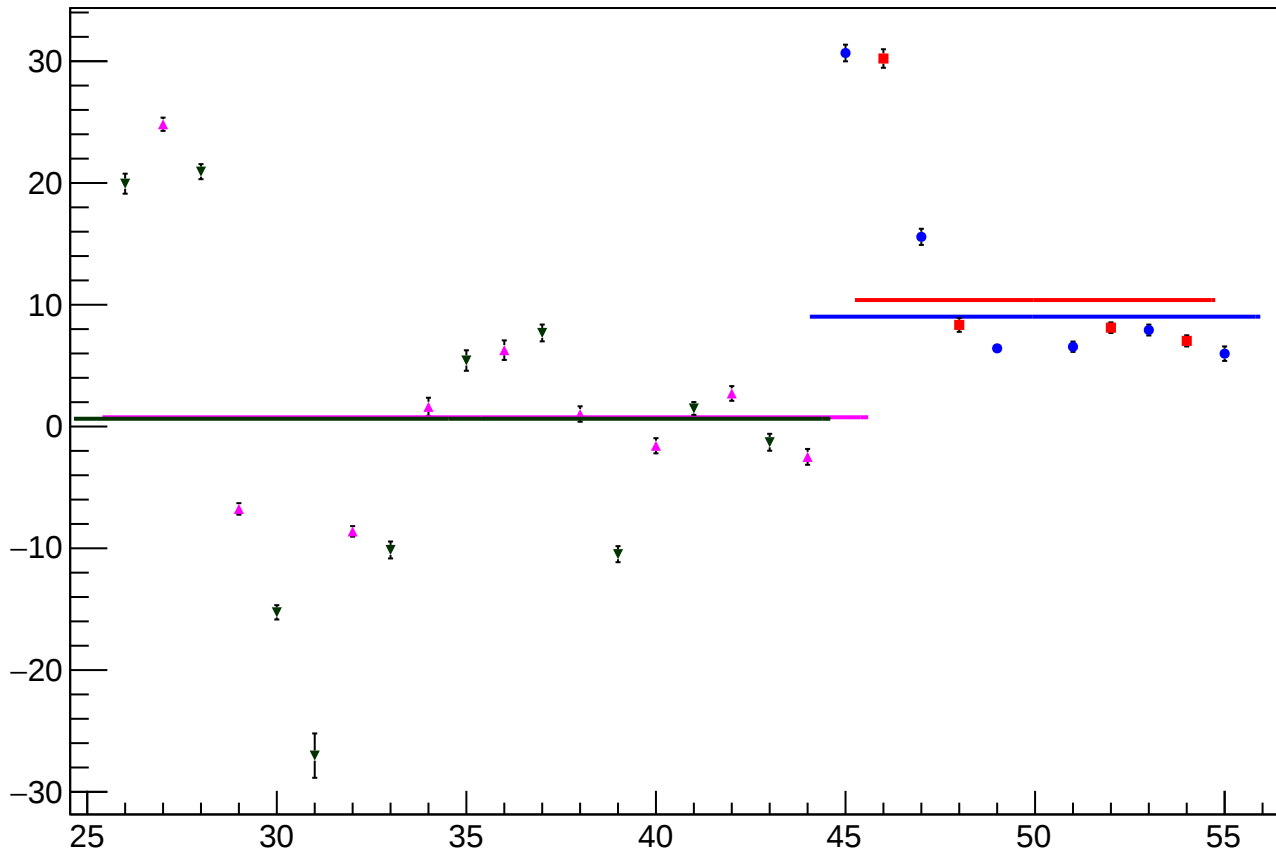
Right Out: -258.540+/-0.258 χ^2/NDF : 44811.4/3

Left In: -265.603+/-0.168 χ^2/NDF : 12152.3/8

-258.826+/-0.127 χ^2/NDF : 121246.0/15

-263.503+/-0.141 χ^2/NDF : 57488.9/12

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.022 $\pm$ 0.181 χ^2 /NDF: 1250.3/5

Left Out: 0.639 $\pm$ 0.219 χ^2 /NDF:3258.0/9

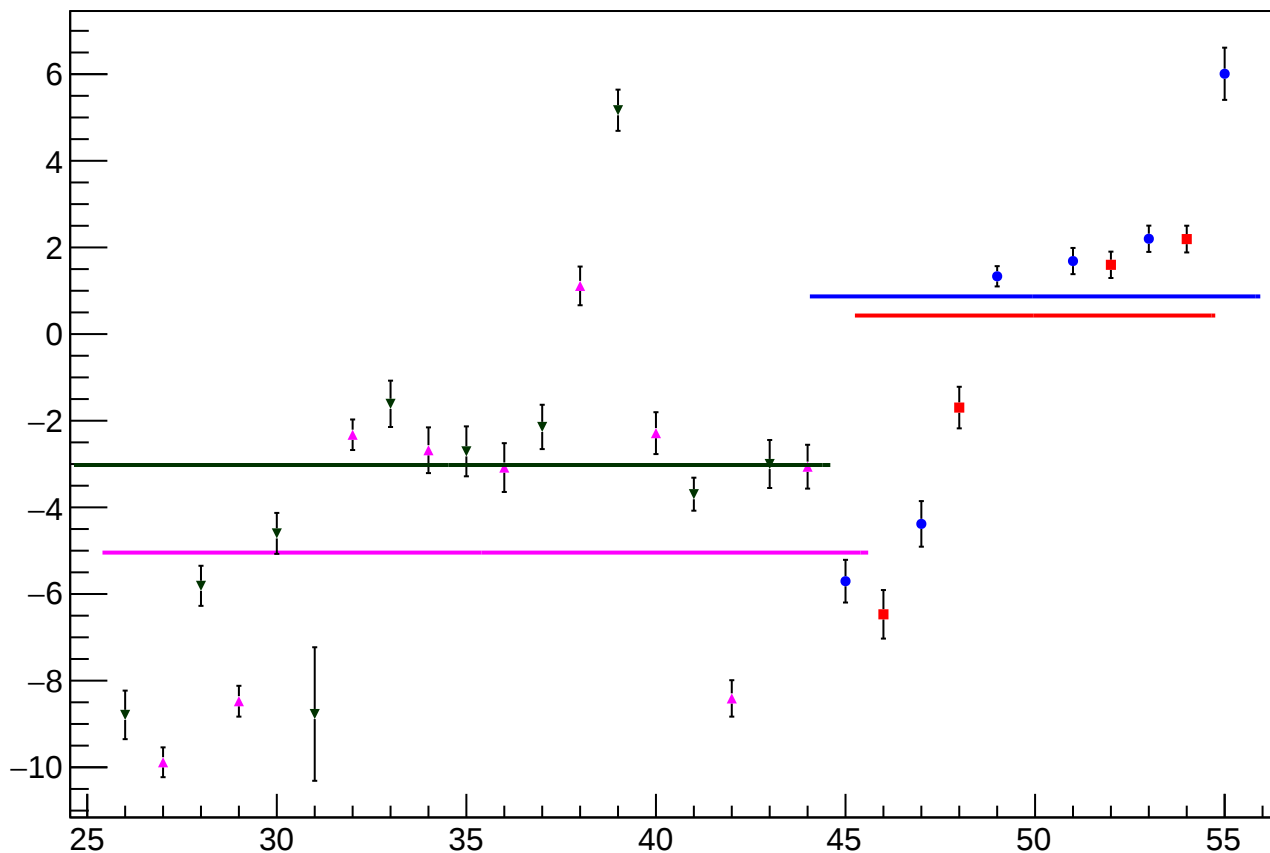
Right Out: 10.387 $\pm$ 0.260 χ^2 /NDF: 771.5/3

Left In: 0.761 $\pm$ 0.193 χ^2 /NDF:2789.0/8

5.626 $\pm$ 0.140 χ^2 /NDF: 5378.4/15

4.194 $\pm$ 0.155 χ^2 /NDF: 4445.3/12

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.869 ± 0.141 χ^2/NDF : 380.7/5

Left Out: -3.022 ± 0.163 χ^2/NDF : 477.3/9

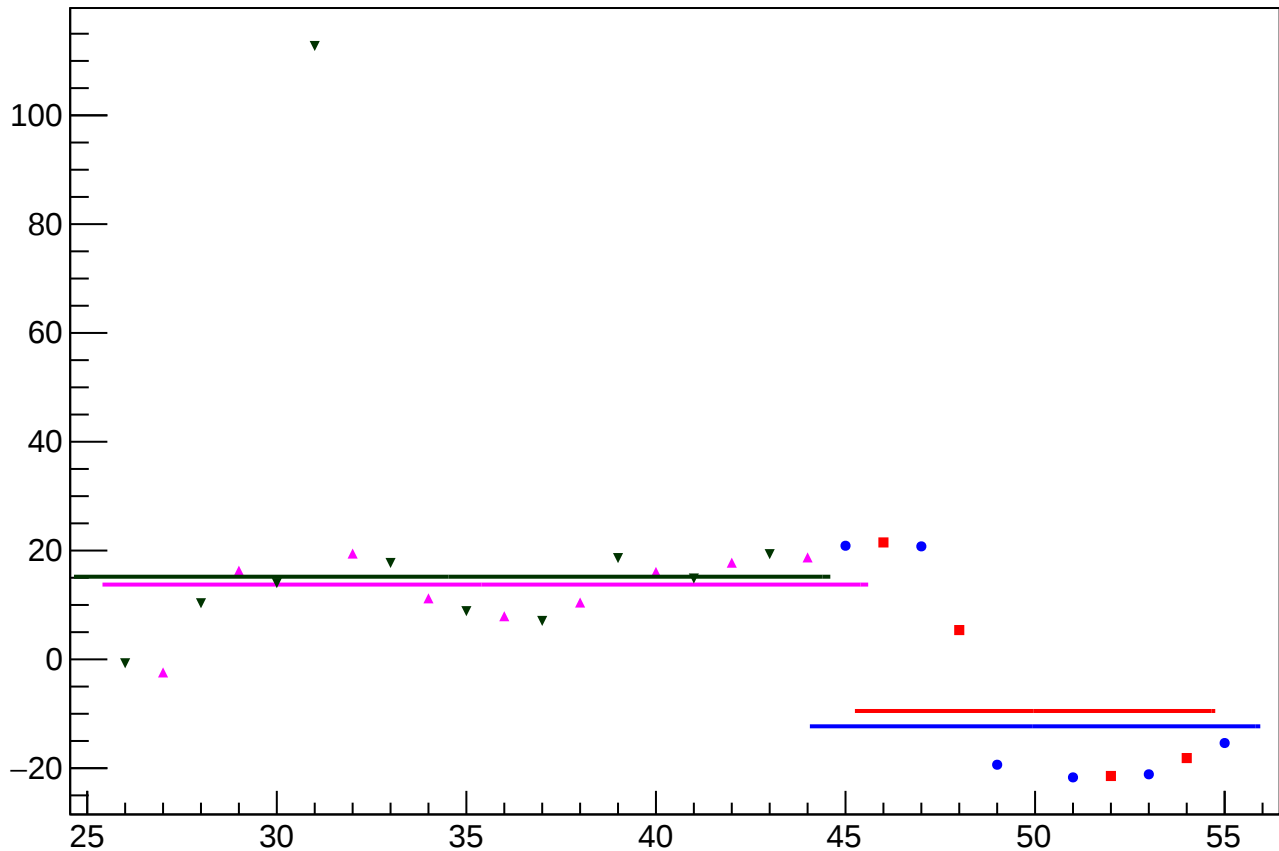
Right Out: 0.428 ± 0.186 χ^2/NDF : 218.6/3

Left In: -5.044 ± 0.141 χ^2/NDF : 684.5/8

-0.792 ± 0.106 χ^2/NDF : 1184.8/15

-3.042 ± 0.113 χ^2/NDF : 1450.7/12

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -12.306 ± 0.033 $\chi^2/\text{NDF}: 225485.0/5$

Left Out: 15.193 ± 0.036 $\chi^2/\text{NDF}: 187459.6/9$

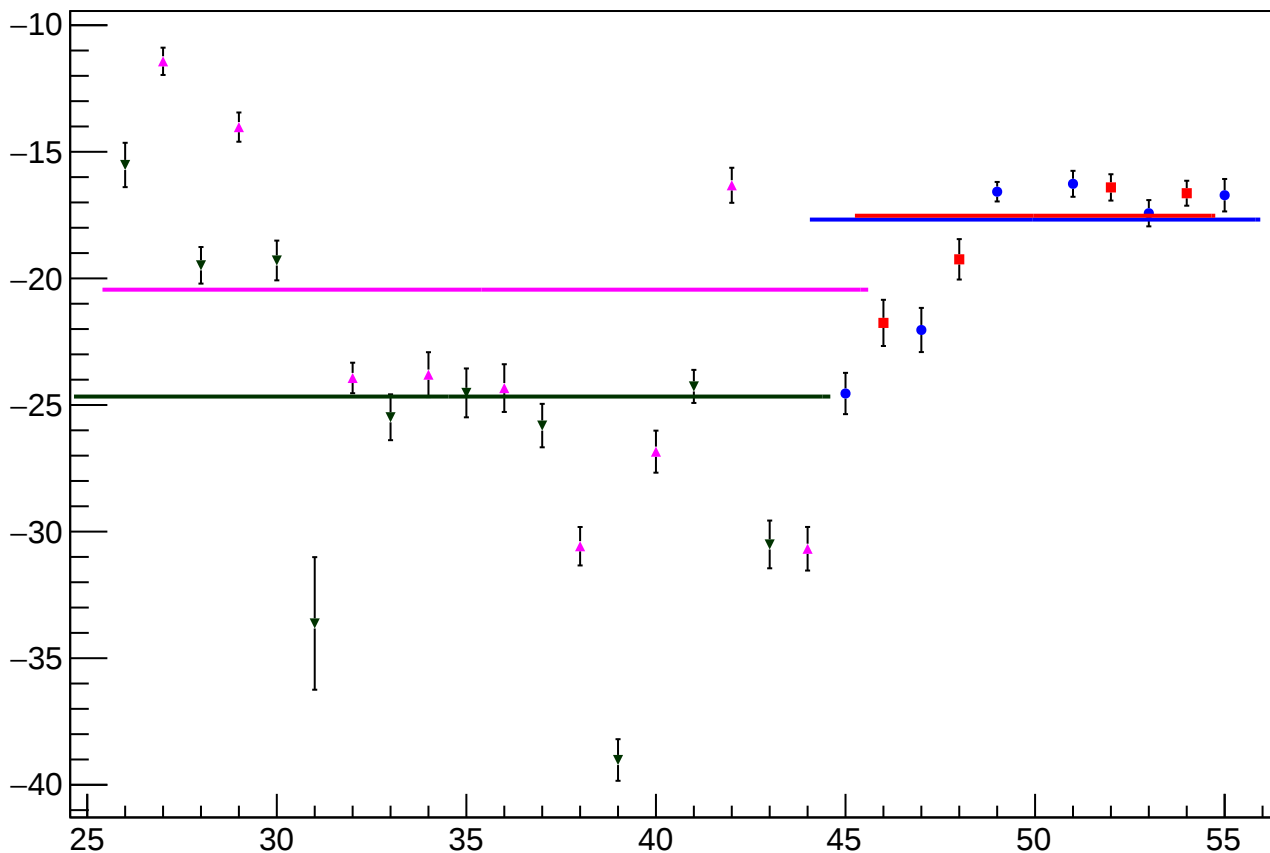
Right Out: -9.488 ± 0.044 $\chi^2/\text{NDF}: 132111.5/3$

Left In: 13.747 ± 0.033 $\chi^2/\text{NDF}: 44234.8/8$

0.337 ± 0.025 $\chi^2/\text{NDF}: 725363.0/15$

5.373 ± 0.026 $\chi^2/\text{NDF}: 358037.5/12$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -17.677 $\pm$ 0.226 χ^2 /NDF: 114.2/5

Left Out: -24.666 $\pm$ 0.271 χ^2 /NDF: 565.7/9

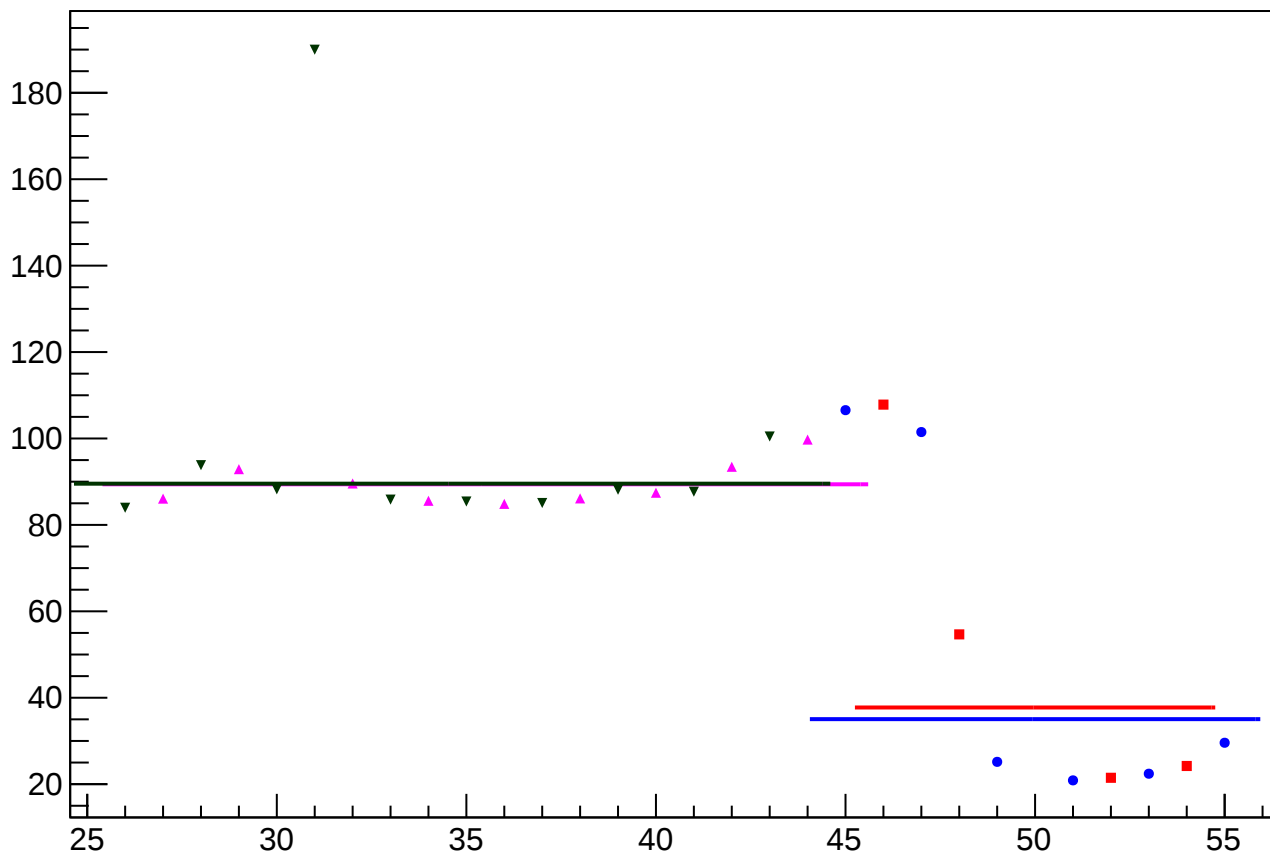
Right Out: -17.525 $\pm$ 0.307 χ^2 /NDF: 34.1/3

Left In: -20.445 $\pm$ 0.234 χ^2 /NDF: 882.4/8

-20.547 $\pm$ 0.174 χ^2 /NDF: 1071.4/15

-19.372 $\pm$ 0.186 χ^2 /NDF: 973.6/12

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 35.046+/-0.043 χ^2/NDF : 406113.9/5

Left Out: 89.539+/-0.050 χ^2/NDF :54620.6/9

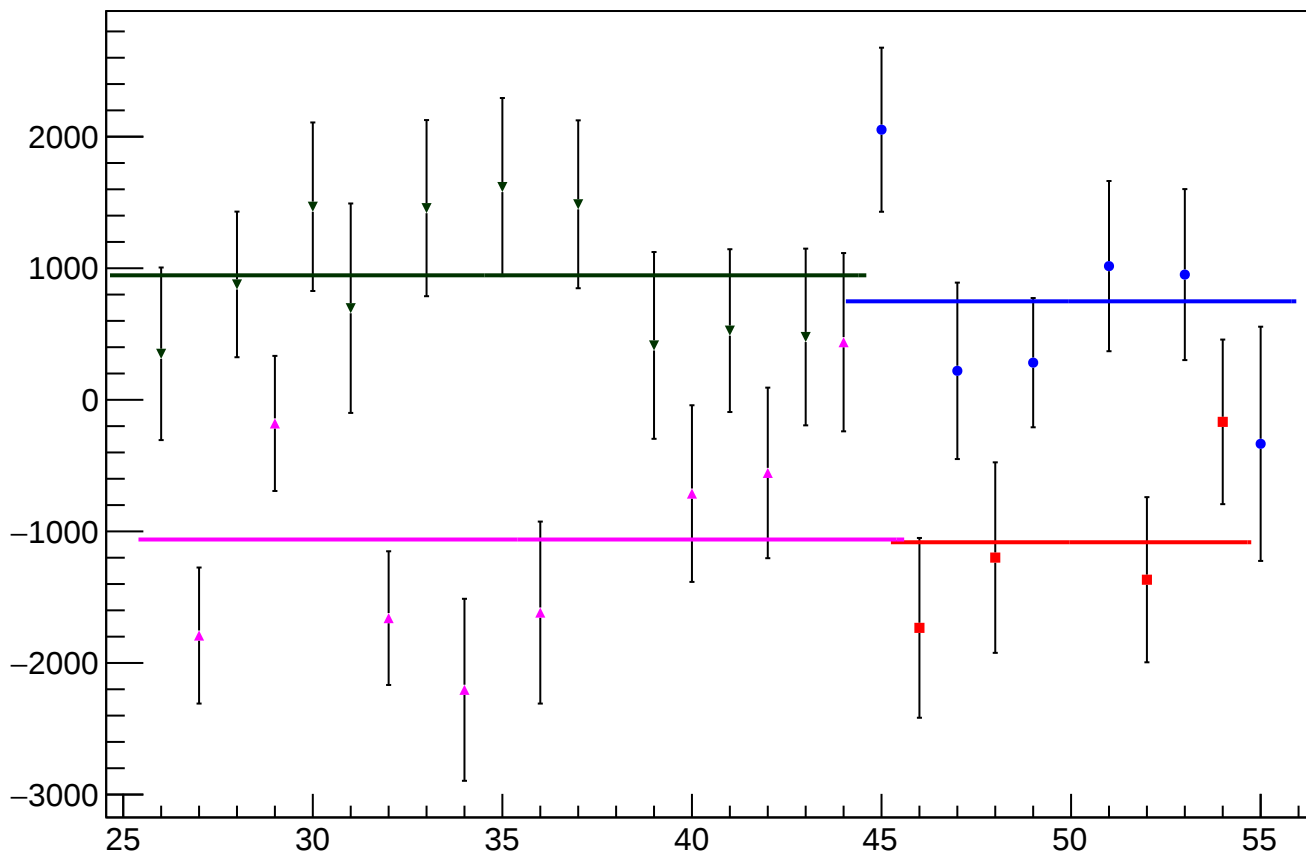
Right Out: 37.743+/-0.059 χ^2/NDF : 215967.2/3

Left In: 89.397+/-0.049 χ^2/NDF :7803.1/8

58.530+/-0.033 χ^2/NDF : 1148678.4/15

68.141+/-0.038 χ^2/NDF : 681689.6/12

reg_asym_atl1_mean vs slug



Right In: 748.711 $\pm$ 258.530 χ^2 /NDF: 7.6/5

Left Out: 946.340 $\pm$ 207.194 χ^2 /NDF: 5.4/9

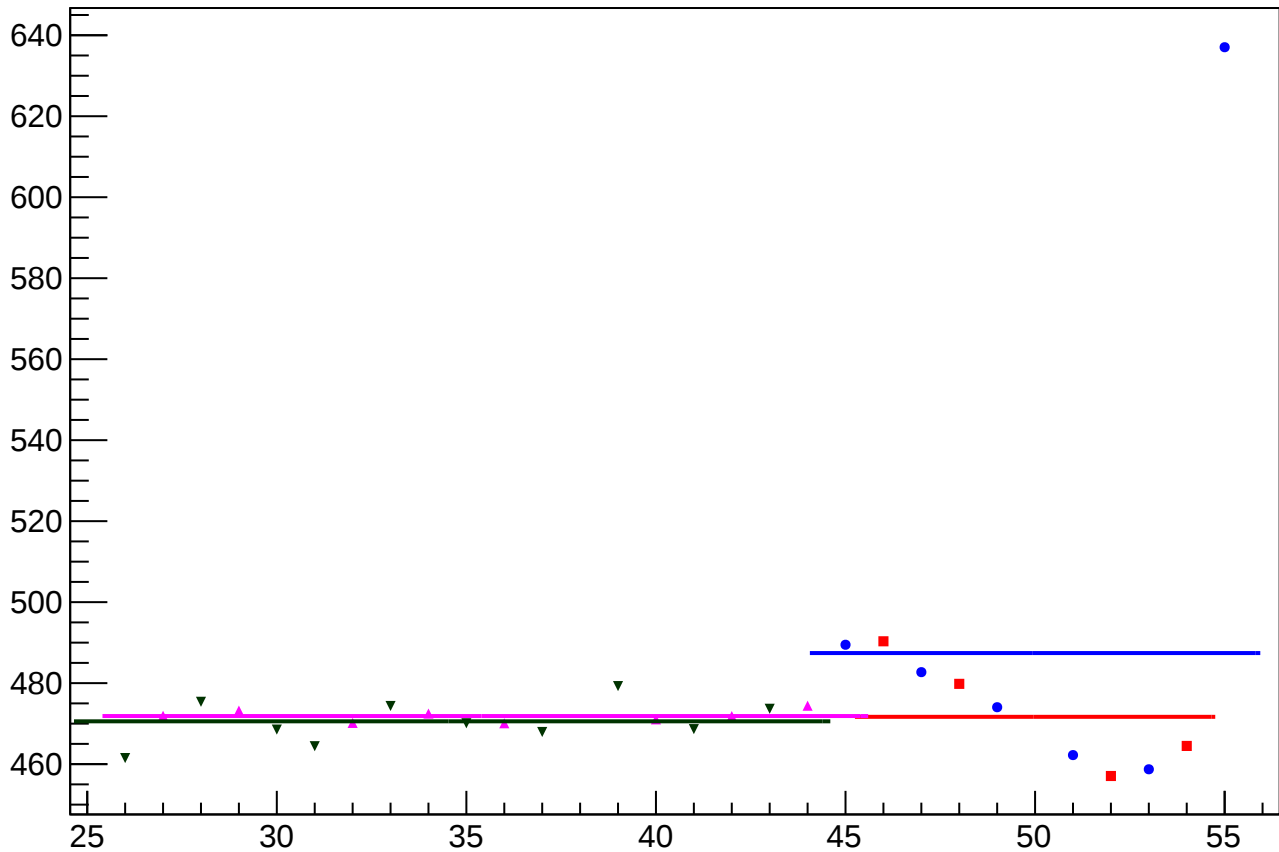
Right Out: -1082.490 $\pm$ 330.691 χ^2 /NDF: 3.3/3

Left In: -1061.666 $\pm$ 211.442 χ^2 /NDF: 15.5/7

869.048 $\pm$ 161.679 χ^2 /NDF: 13.4/15

-1067.709 $\pm$ 178.140 χ^2 /NDF: 18.8/11

reg_asym_atl1_rms vs slug



Right In: 487.429 $\pm$ 0.183 χ^2 /NDF: 65041.6/5

Left Out: 470.570 $\pm$ 0.147 χ^2 /NDF: 1135.4/9

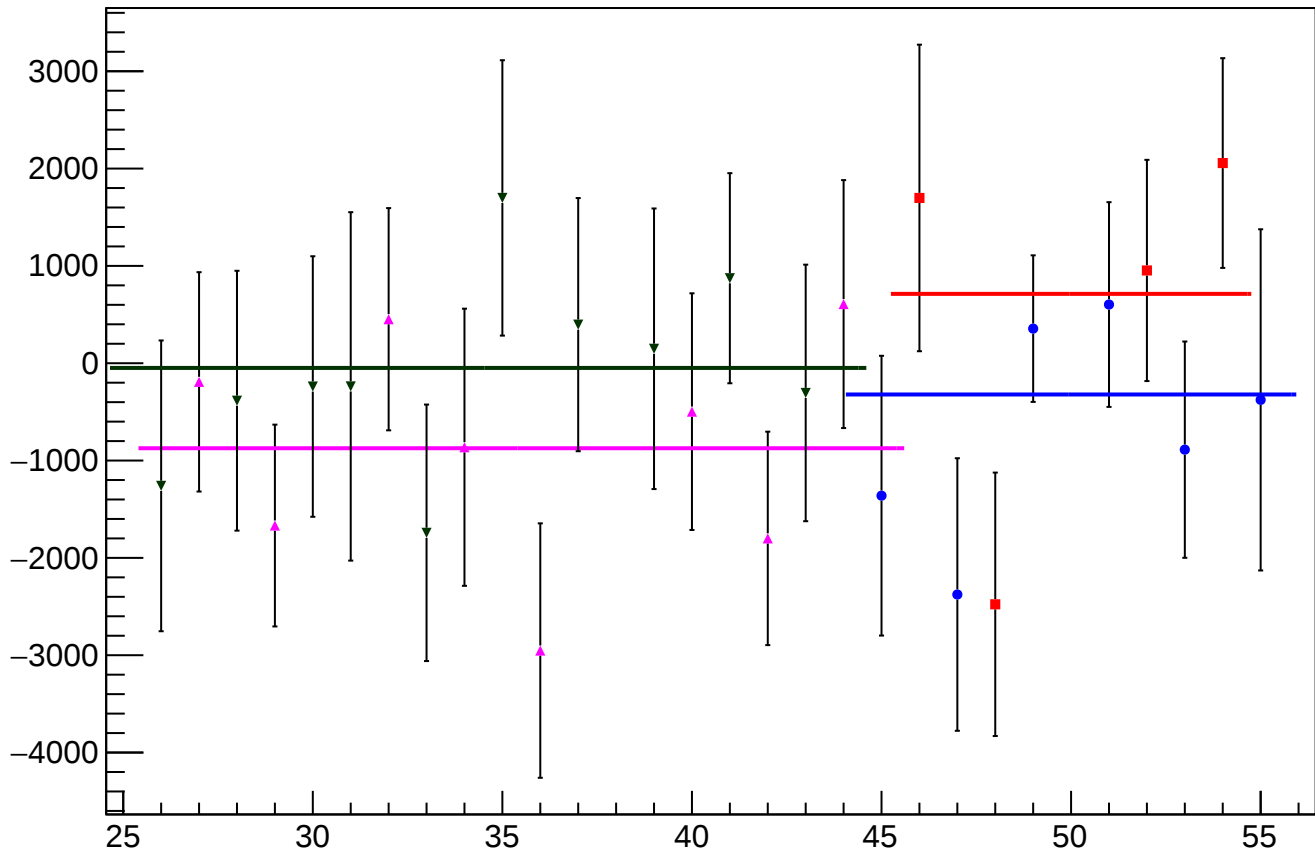
Right Out: 471.683 $\pm$ 0.234 χ^2 /NDF: 3092.1/3

Left In: 471.876 $\pm$ 0.150 χ^2 /NDF: 82.1/7

477.163 $\pm$ 0.114 χ^2 /NDF: 71355.4/15

471.820 $\pm$ 0.126 χ^2 /NDF: 3174.7/11

asym_atl1_correction_mean vs slug



Right In: -321.111 ± 456.569 $\chi^2/\text{NDF}: 4.5/5$

Left Out: -48.293 ± 427.890 $\chi^2/\text{NDF}: 4.8/9$

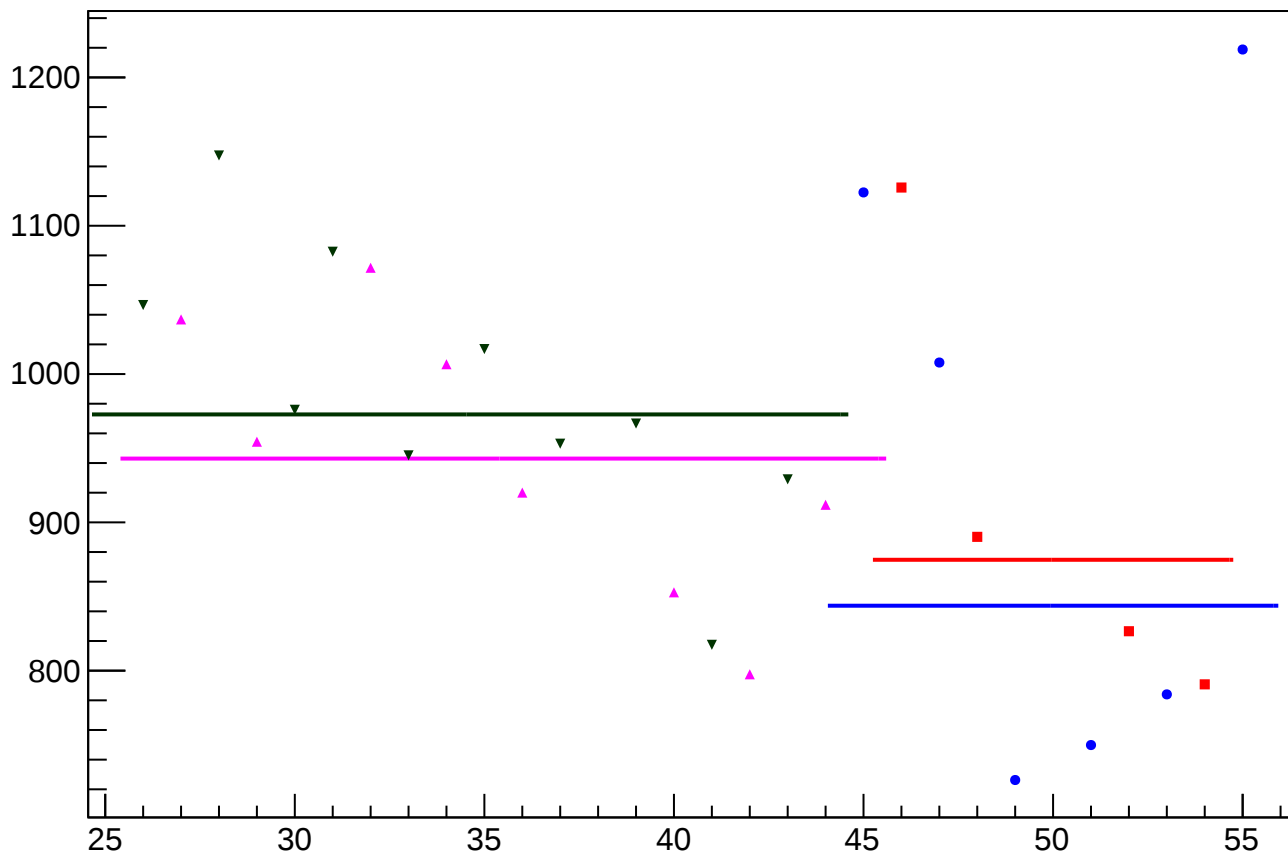
-175.865 ± 312.210 $\chi^2/\text{NDF}: 9.5/15$

Right Out: 712.595 ± 621.996 $\chi^2/\text{NDF}: 7.5/3$

-377.859 ± 347.676 $\chi^2/\text{NDF}: 19.0/11$

Left In: -873.395 ± 419.297 $\chi^2/\text{NDF}: 7.0/7$

asym_atl1_correction_rms vs slug



Right In: 843.795 ± 0.323 χ^2/NDF : 264643.9/5

Left Out: 972.778 ± 0.303 χ^2/NDF : 93572.5/9

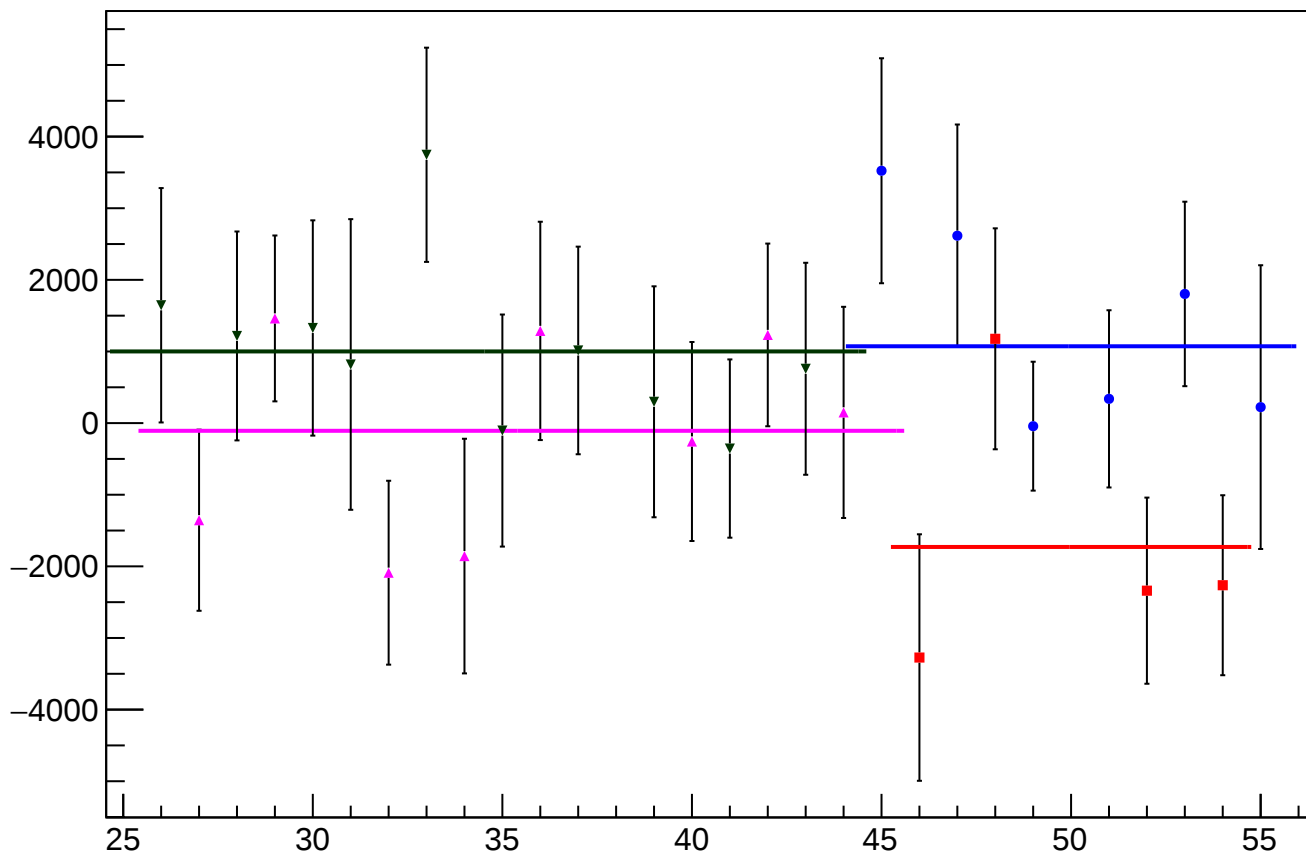
Right Out: 874.763 ± 0.440 χ^2/NDF : 66810.8/3

Left In: 943.004 ± 0.296 χ^2/NDF : 91510.1/7

912.464 ± 0.221 χ^2/NDF : 443194.9/15

921.683 ± 0.246 χ^2/NDF : 174872.9/11

asym_atl1_mean vs slug



Right In: 1072.653 ± 529.513 $\chi^2/\text{NDF}: 5.8/5$

Left Out: 1000.567 ± 481.078 $\chi^2/\text{NDF}: 5.5/9$

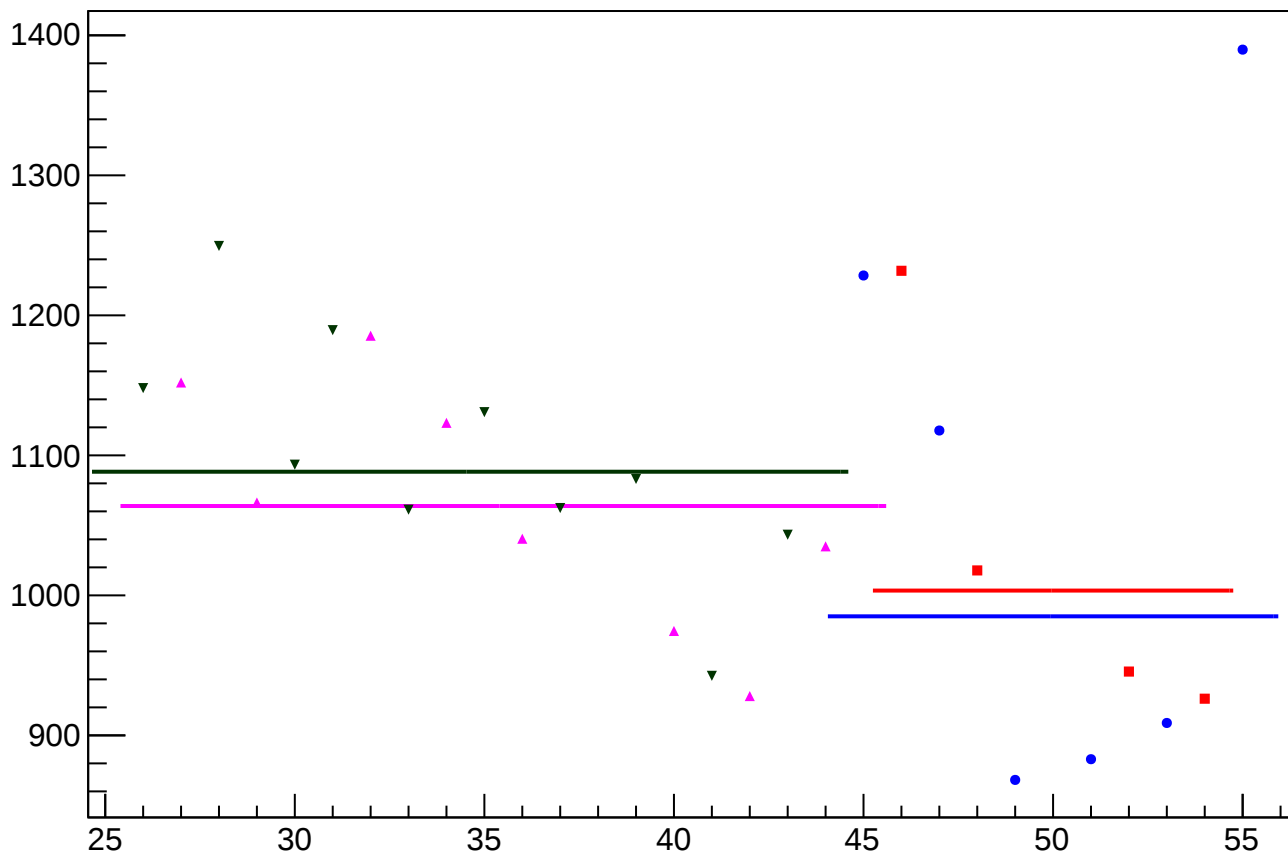
Right Out: -1729.228 ± 710.020 $\chi^2/\text{NDF}: 4.8/3$

Left In: -107.491 ± 478.124 $\chi^2/\text{NDF}: 8.3/7$

1033.163 ± 356.068 $\chi^2/\text{NDF}: 11.3/15$

-613.452 ± 396.588 $\chi^2/\text{NDF}: 16.7/11$

asym_atl1_rms vs slug



Right In: 985.031+/-0.374 χ^2/NDF : 200489.6/5

Left Out: 1088.314+/-0.340 χ^2/NDF :64102.3/9

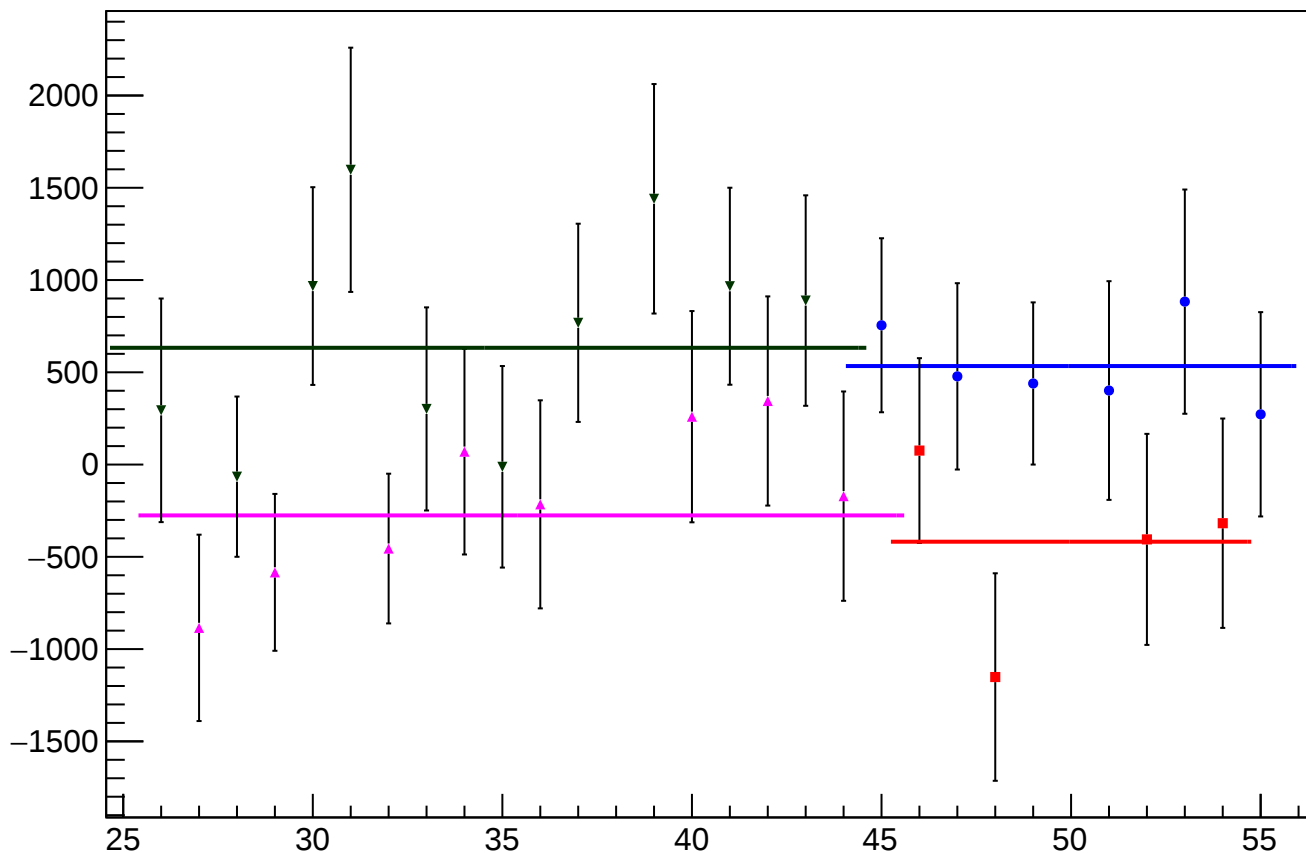
Right Out: 1003.427+/-0.502 χ^2/NDF : 46925.0/3

Left In: 1063.822+/-0.338 χ^2/NDF :62470.9/7

1041.611+/-0.252 χ^2/NDF : 306276.6/15

1044.979+/-0.280 χ^2/NDF : 119351.9/11

reg_asym_atl2_mean vs slug



Right In: 533.907 ± 211.202 $\chi^2/\text{NDF}: 0.9/5$

Left Out: 632.818 ± 173.856 $\chi^2/\text{NDF}: 9.5/9$

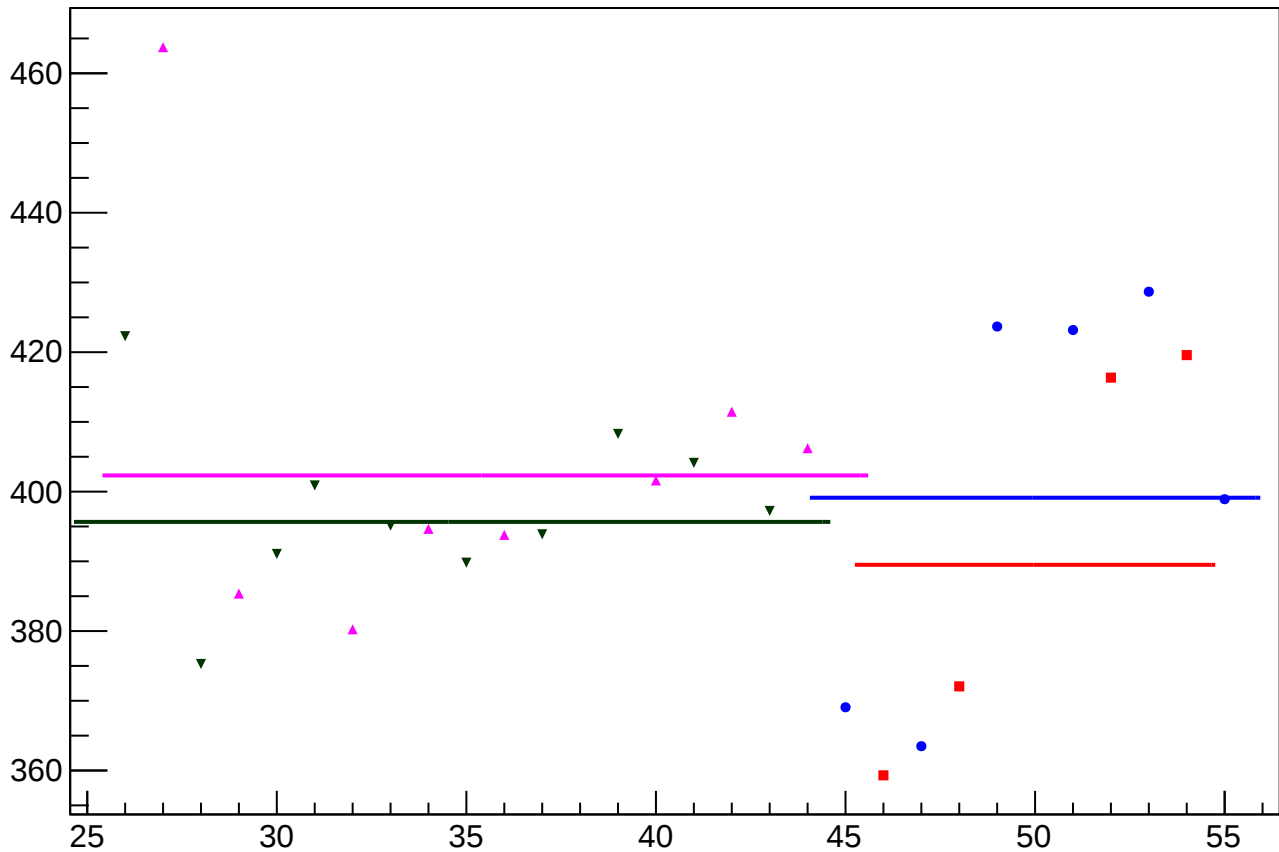
Right Out: -418.069 ± 274.038 $\chi^2/\text{NDF}: 2.7/3$

Left In: -275.571 ± 179.114 $\chi^2/\text{NDF}: 4.7/7$

592.866 ± 134.228 $\chi^2/\text{NDF}: 10.5/15$

-318.225 ± 149.929 $\chi^2/\text{NDF}: 7.6/11$

reg_asym_atl2_rms vs slug



Right In: 399.125 $\pm$ 0.149 χ^2 /NDF: 32359.8/5

Left Out: 395.658 $\pm$ 0.123 χ^2 /NDF:10135.9/9

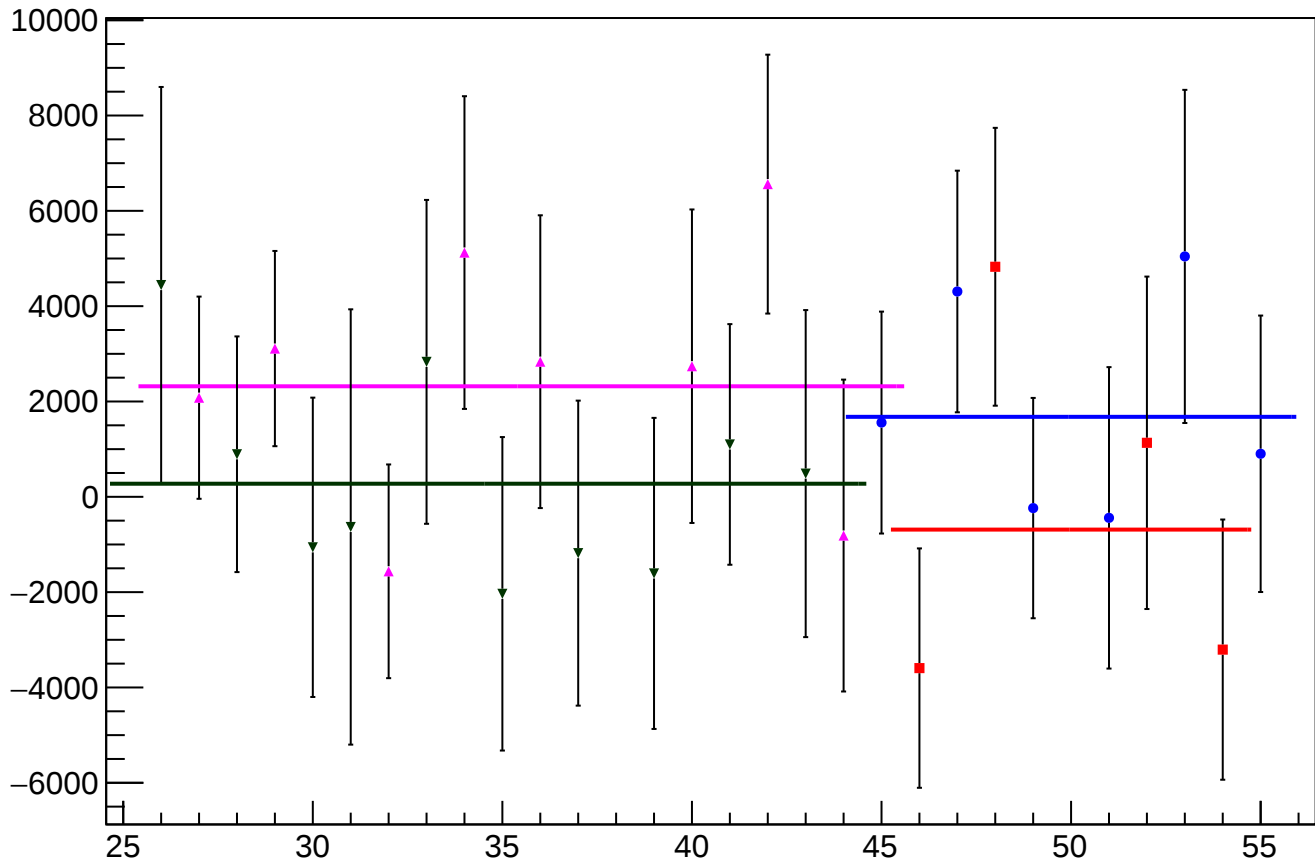
Right Out: 389.500 $\pm$ 0.194 χ^2 /NDF: 19224.9/3

Left In: 402.320 $\pm$ 0.127 χ^2 /NDF:40146.6/7

397.059 $\pm$ 0.095 χ^2 /NDF: 42816.9/15

398.483 $\pm$ 0.106 χ^2 /NDF: 62438.1/11

asym_atl2_correction_mean vs slug



Right In: 1678.184 ± 1098.915 $\chi^2/\text{NDF}: 3.2/5$

Left Out: 274.802 ± 1008.389 $\chi^2/\text{NDF}: 3.0/9$

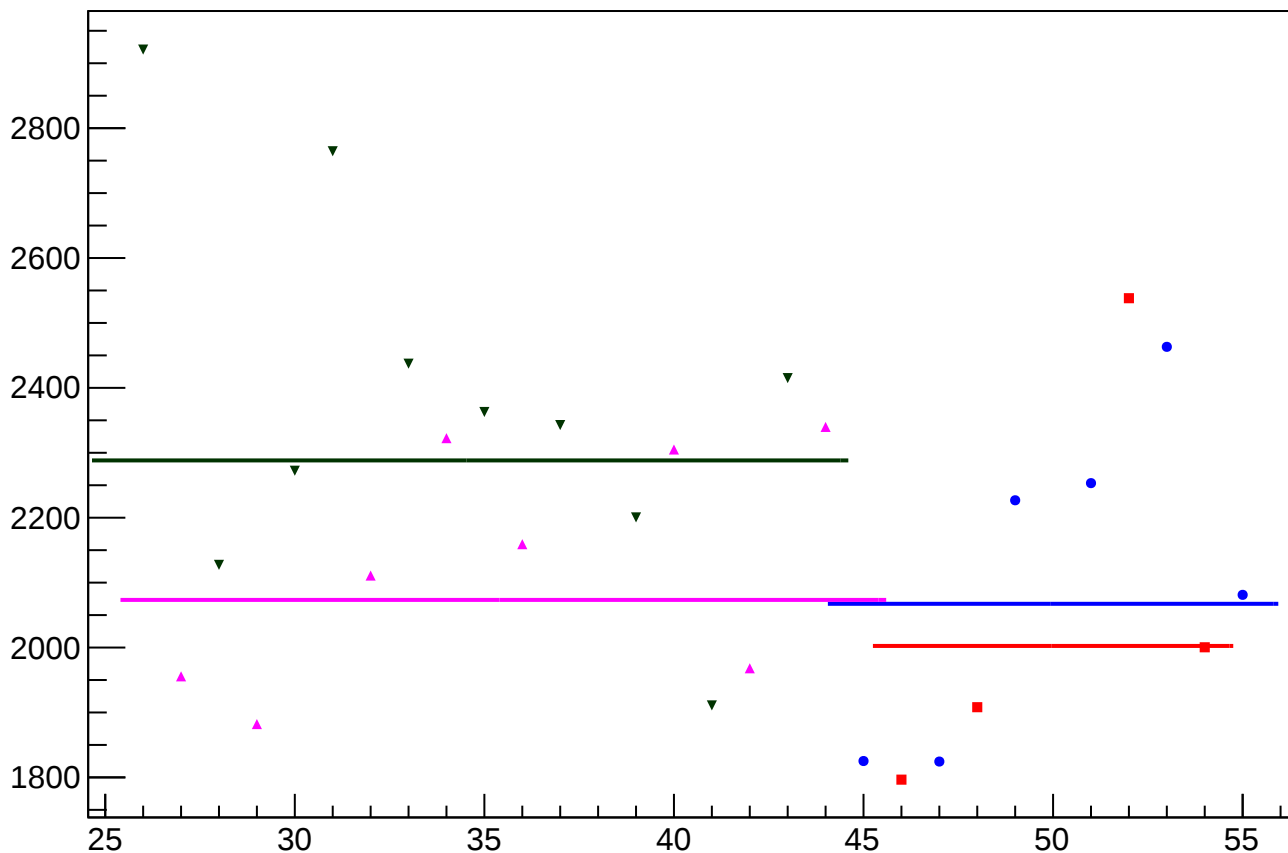
Right Out: -687.626 ± 1424.648 $\chi^2/\text{NDF}: 6.0/3$

Left In: 2318.997 ± 920.578 $\chi^2/\text{NDF}: 7.3/7$

916.317 ± 742.984 $\chi^2/\text{NDF}: 7.1/15$

1433.377 ± 773.199 $\chi^2/\text{NDF}: 16.5/11$

asym_atl2_correction_rms vs slug



Right In: 2067.377 ± 0.777 χ^2/NDF : 82144.1/5

Left Out: 2288.236 ± 0.713 χ^2/NDF : 130972.3/9

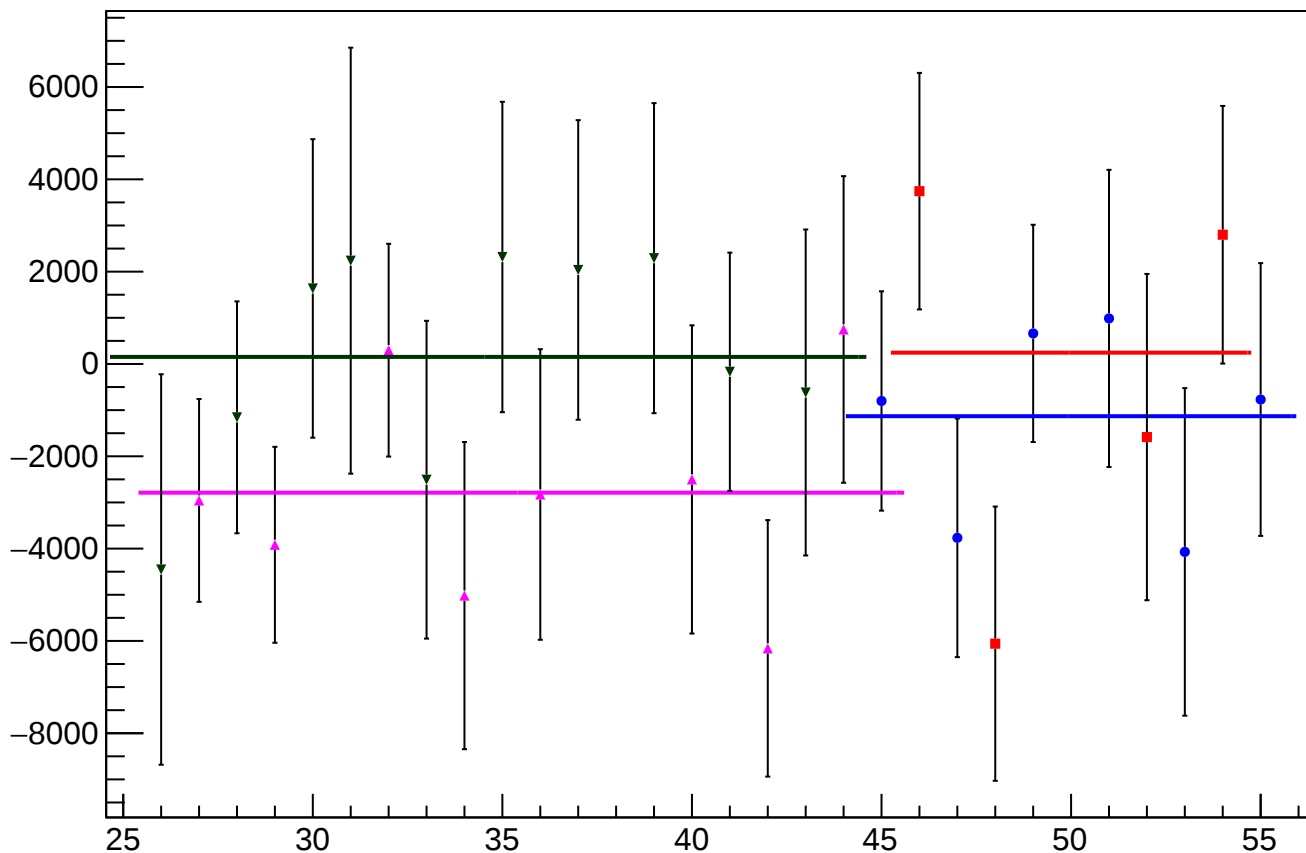
Right Out: 2002.483 ± 1.007 χ^2/NDF : 62726.1/3

Left In: 2073.380 ± 0.651 χ^2/NDF : 63452.8/7

2187.277 ± 0.525 χ^2/NDF : 256973.2/15

2052.497 ± 0.547 χ^2/NDF : 129673.0/11

asym_atl2_mean vs slug



Right In: -1131.321 ± 1119.543 $\chi^2/\text{NDF}: 2.8/5$

Left Out: 153.091 ± 1029.303 $\chi^2/\text{NDF}: 3.7/9$

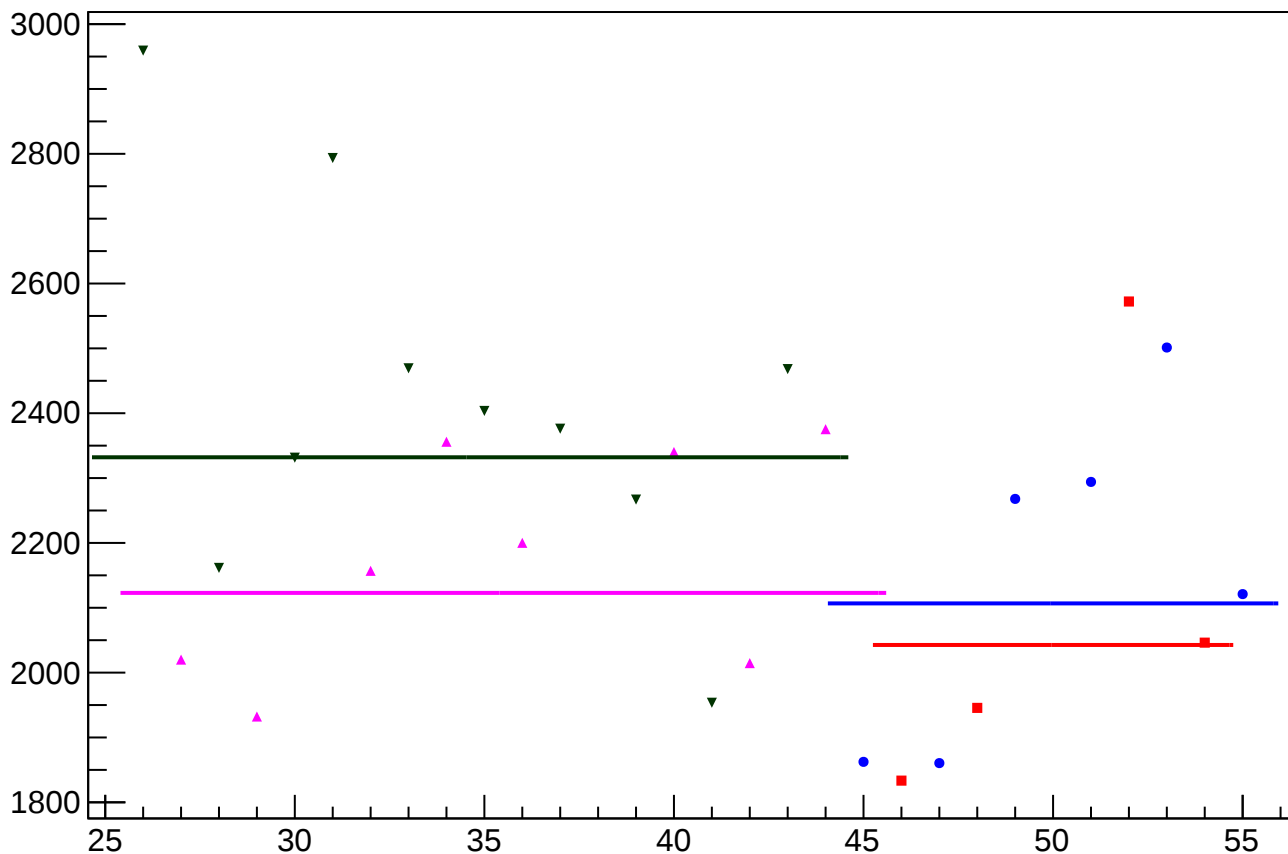
Right Out: 245.111 ± 1452.296 $\chi^2/\text{NDF}: 7.5/3$

Left In: -2788.434 ± 945.564 $\chi^2/\text{NDF}: 5.1/7$

-435.272 ± 757.724 $\chi^2/\text{NDF}: 7.2/15$

-1885.325 ± 792.410 $\chi^2/\text{NDF}: 15.7/11$

asym_atl2_rms vs slug



Right In: 2106.740+/-0.792 χ^2/NDF : 80233.6/5

Left Out: 2332.054+/-0.728 χ^2/NDF :124387.7/9

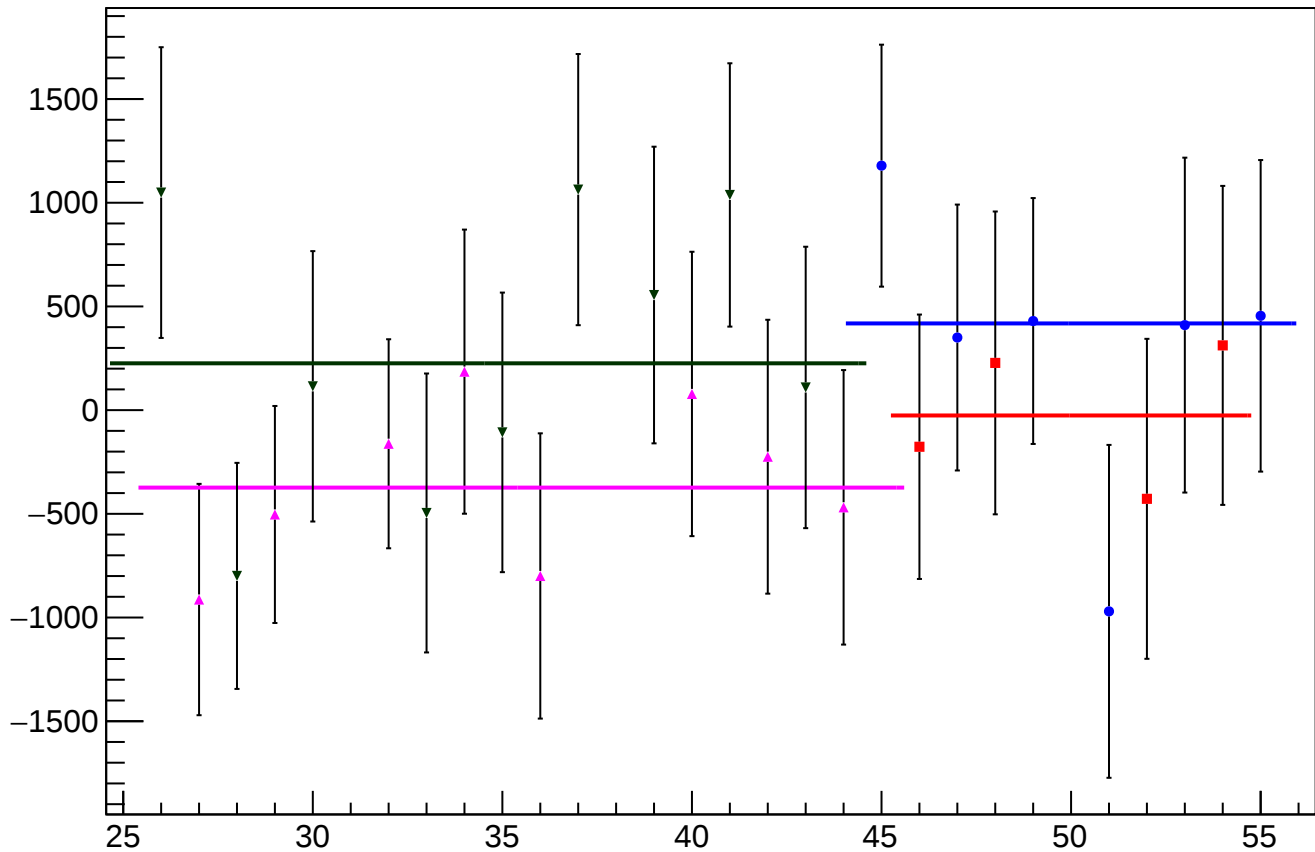
Right Out: 2042.644+/-1.027 χ^2/NDF : 60384.6/3

Left In: 2122.937+/-0.669 χ^2/NDF :55033.1/7

2228.843+/-0.536 χ^2/NDF : 248521.0/15

2099.033+/-0.560 χ^2/NDF : 119711.0/11

reg_asym_atr1_mean vs slug



Right In: 418.073 ± 276.539 χ^2/NDF : 4.7/5

Left Out: 225.737 ± 217.621 χ^2/NDF : 9.9/8

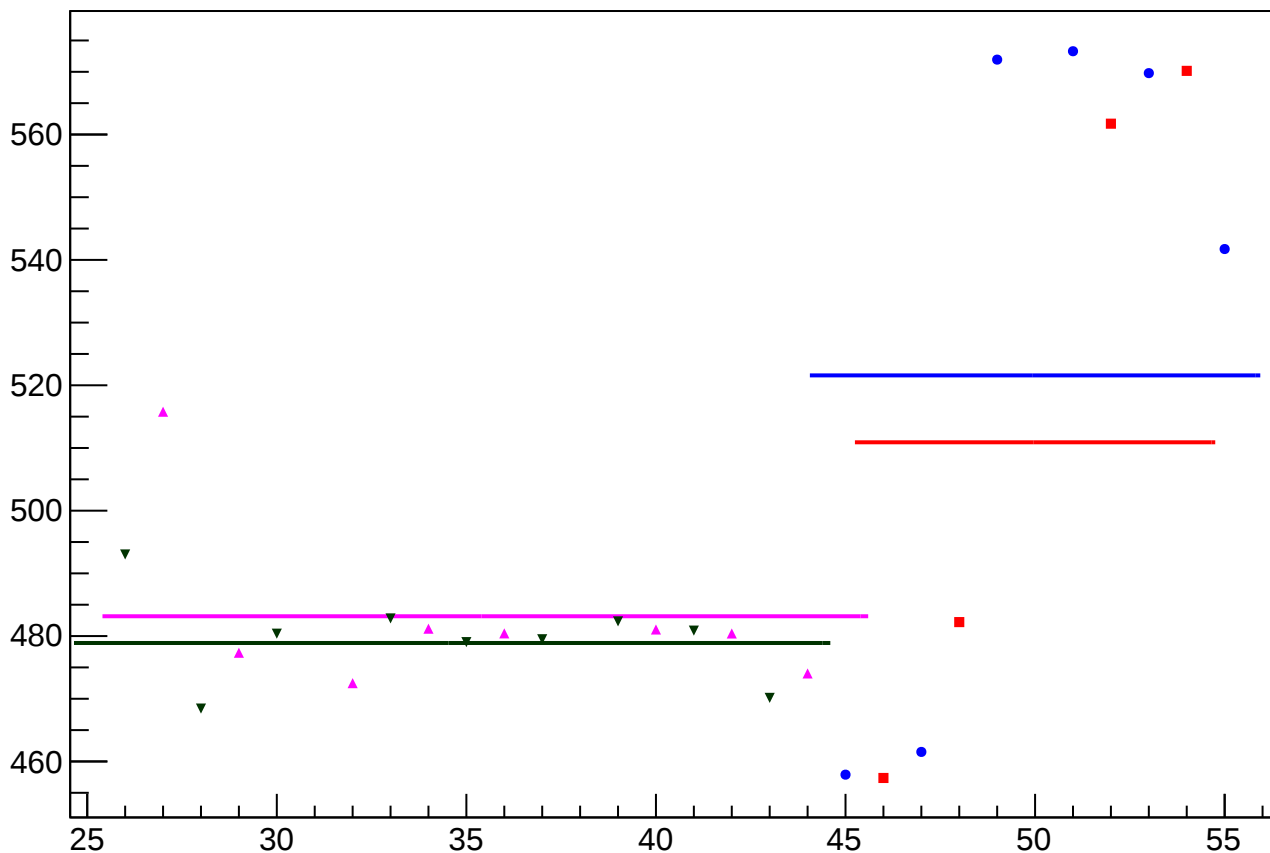
Right Out: -25.729 ± 360.184 χ^2/NDF : 0.6/3

Left In: -373.555 ± 214.394 χ^2/NDF : 2.7/7

299.295 ± 171.017 χ^2/NDF : 14.9/14

-282.559 ± 184.228 χ^2/NDF : 4.1/11

reg_asym_atr1_rms vs slug



Right In: 521.579 $\pm$ 0.196 χ^2/NDF : 72698.3/5

Left Out: 478.896 $\pm$ 0.154 χ^2/NDF : 2027.3/8

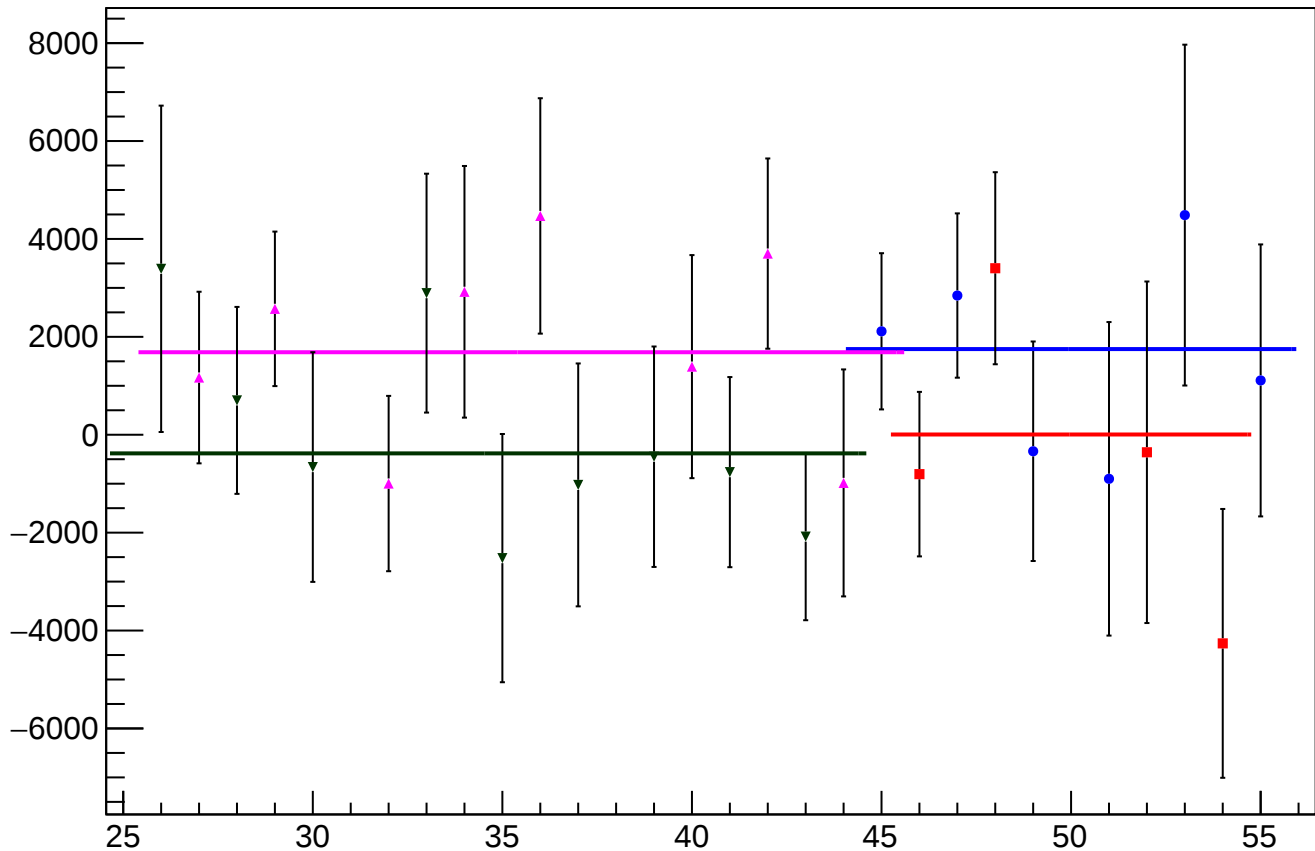
Right Out: 510.907 $\pm$ 0.255 χ^2/NDF : 37744.7/3

Left In: 483.160 $\pm$ 0.152 χ^2/NDF : 8470.4/7

495.220 $\pm$ 0.121 χ^2/NDF : 104149.2/14

490.419 $\pm$ 0.130 χ^2/NDF : 54979.5/11

asym_atr1_correction_mean vs slug



Right In: 1750.185 ± 892.174 $\chi^2/\text{NDF}: 2.7/5$

Left Out: -380.627 ± 737.802 $\chi^2/\text{NDF}: 5.2/8$

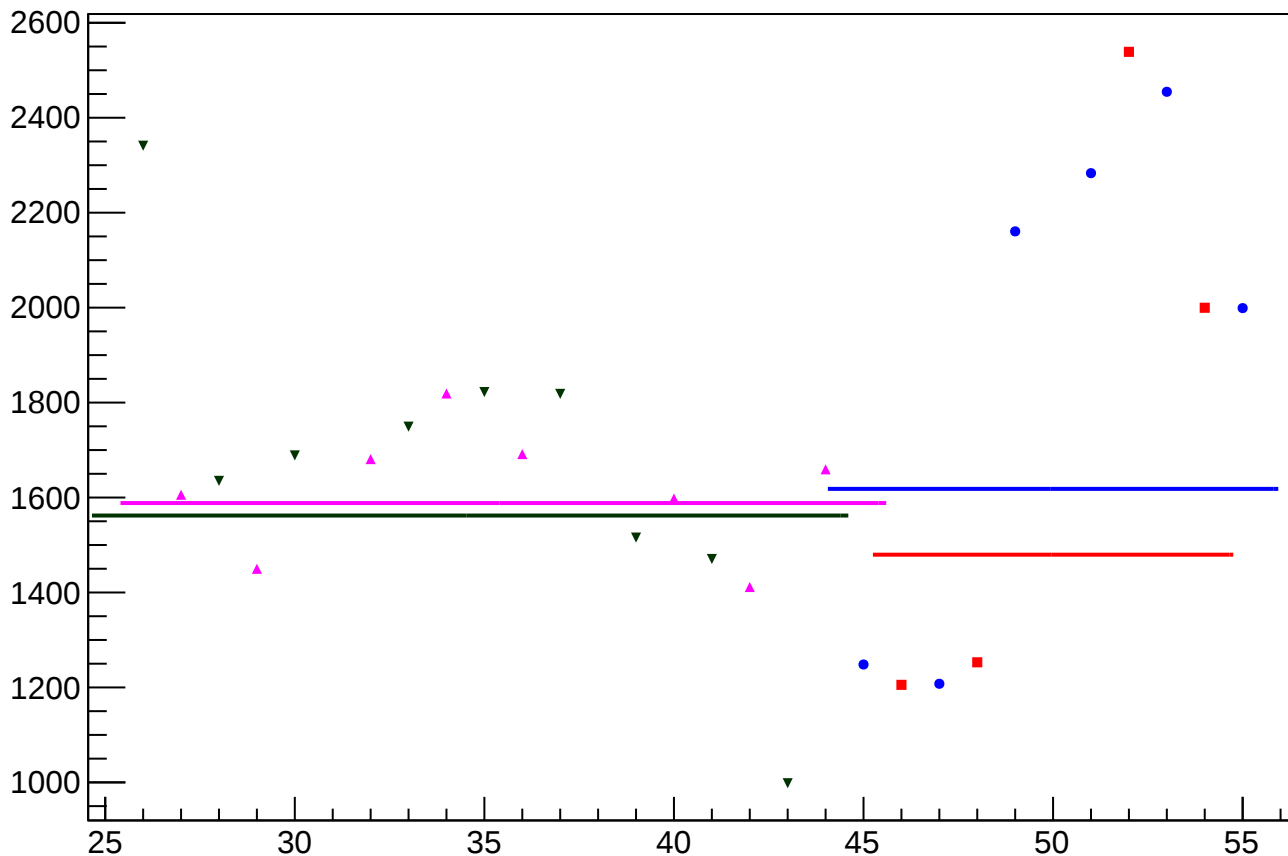
Right Out: 5.094 ± 1098.415 $\chi^2/\text{NDF}: 5.7/3$

Left In: 1685.614 ± 705.946 $\chi^2/\text{NDF}: 6.6/7$

484.768 ± 568.570 $\chi^2/\text{NDF}: 11.3/14$

1194.374 ± 593.870 $\chi^2/\text{NDF}: 13.9/11$

asym_atr1_correction_rms vs slug



Right In: 1618.264+/-0.631 χ^2/NDF : 583493.9/5

Left Out: 1562.083+/-0.522 χ^2/NDF : 395343.8/8

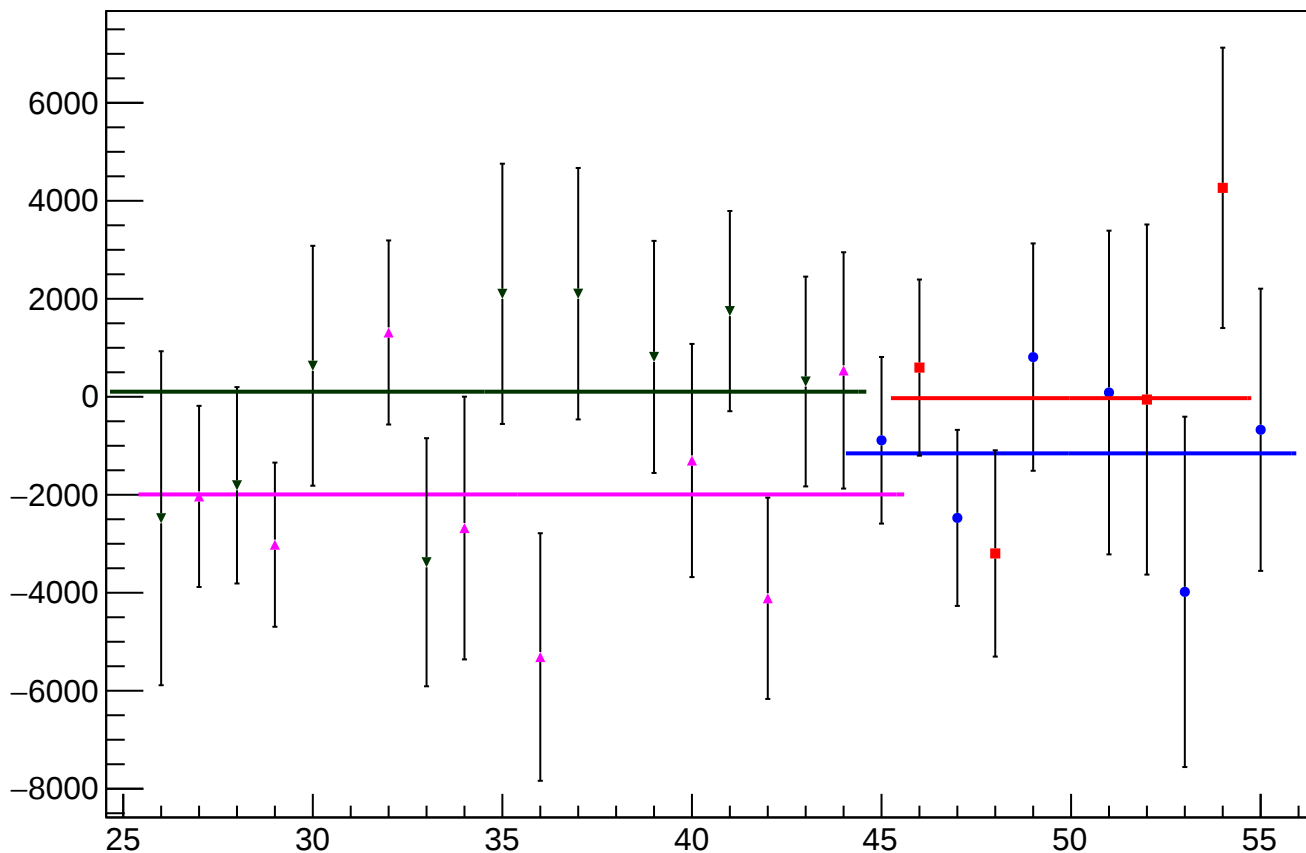
1584.900+/-0.402 χ^2/NDF : 983547.6/14

Right Out: 1479.621+/-0.777 χ^2/NDF : 336086.4/3

1556.593+/-0.420 χ^2/NDF : 409189.7/11

Left In: 1588.387+/-0.499 χ^2/NDF : 59225.5/7

asym_atr1_mean vs slug



Right In: -1154.796 ± 939.995 $\chi^2/\text{NDF}: 2.1/5$

Left Out: 103.969 ± 793.692 $\chi^2/\text{NDF}: 5.3/8$

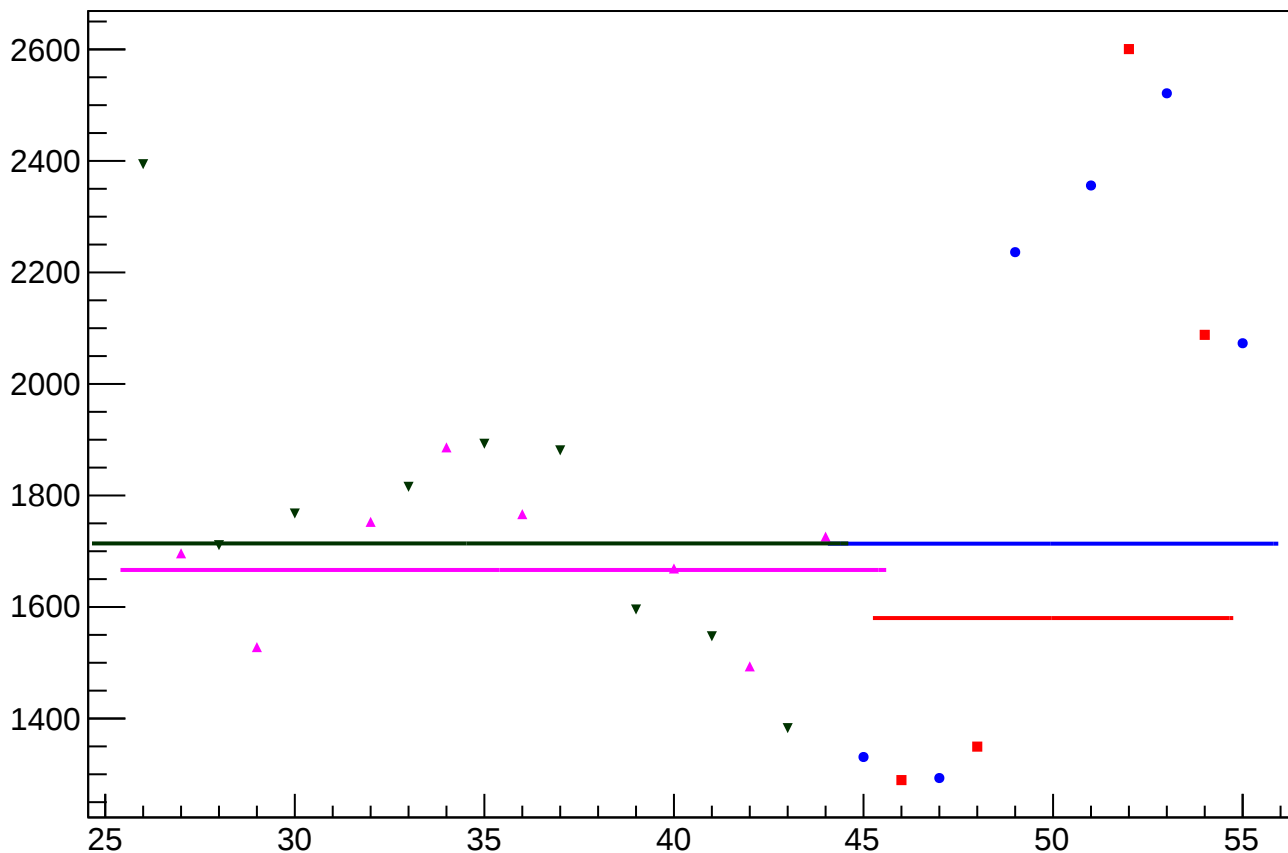
Right Out: -28.002 ± 1165.966 $\chi^2/\text{NDF}: 4.6/3$

Left In: -1993.066 ± 742.569 $\chi^2/\text{NDF}: 7.5/7$

-419.940 ± 606.430 $\chi^2/\text{NDF}: 8.5/14$

-1426.023 ± 626.333 $\chi^2/\text{NDF}: 14.2/11$

asym_atr1_rms vs slug



Right In: 1713.578+/-0.665 χ^2/NDF : 521056.4/5

Left Out: 1713.999+/-0.561 χ^2/NDF :167493.6/8

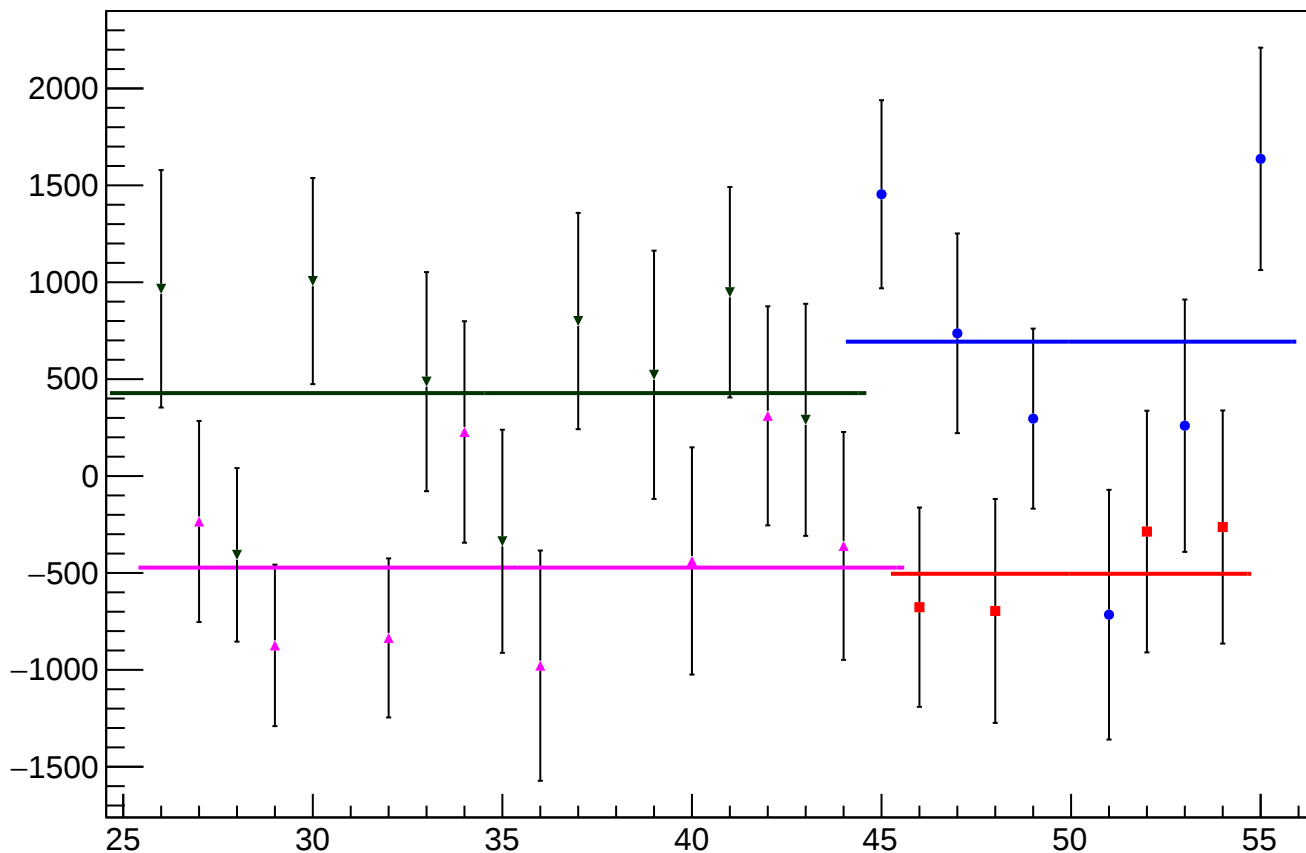
Right Out: 1580.172+/-0.824 χ^2/NDF : 302367.9/3

Left In: 1666.432+/-0.525 χ^2/NDF :50356.8/7

1713.824+/-0.429 χ^2/NDF : 688550.3/14

1641.540+/-0.443 χ^2/NDF : 360512.5/11

reg_asym_atr2_mean vs slug



Right In: 693.464 $\pm$ 221.114 χ^2 /NDF: 11.1/5

Left Out: 428.042 $\pm$ 185.168 χ^2 /NDF: 8.6/8

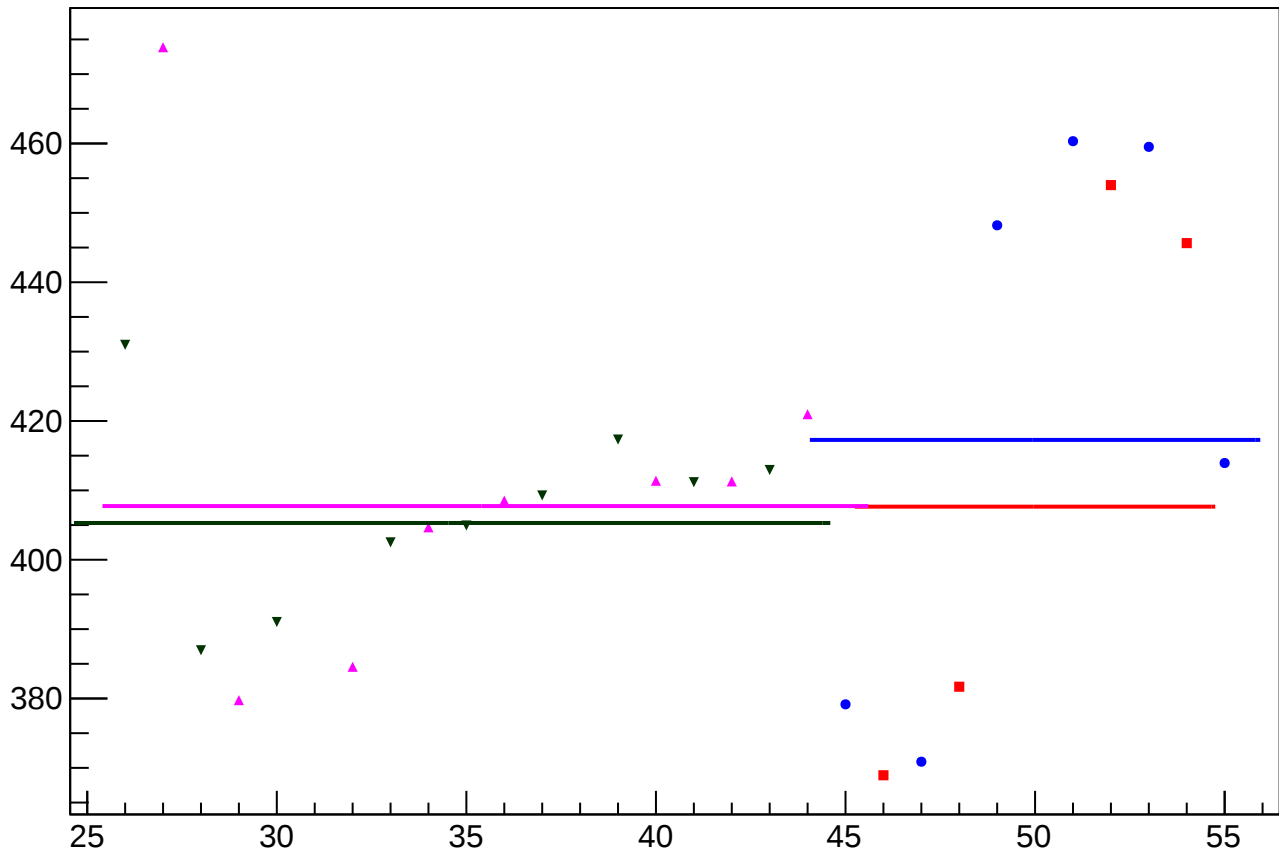
Right Out: -504.242 $\pm$ 287.287 χ^2 /NDF: 0.5/3

Left In: -472.346 $\pm$ 181.832 χ^2 /NDF: 6.1/7

537.452 $\pm$ 141.963 χ^2 /NDF: 20.6/14

-481.469 $\pm$ 153.643 χ^2 /NDF: 6.6/11

reg_asym_atr2_rms vs slug



Right In: 417.273 $\pm$ 0.156 χ^2 /NDF: 54838.8/5

Left Out: 405.300 $\pm$ 0.131 χ^2 /NDF: 9727.9/8

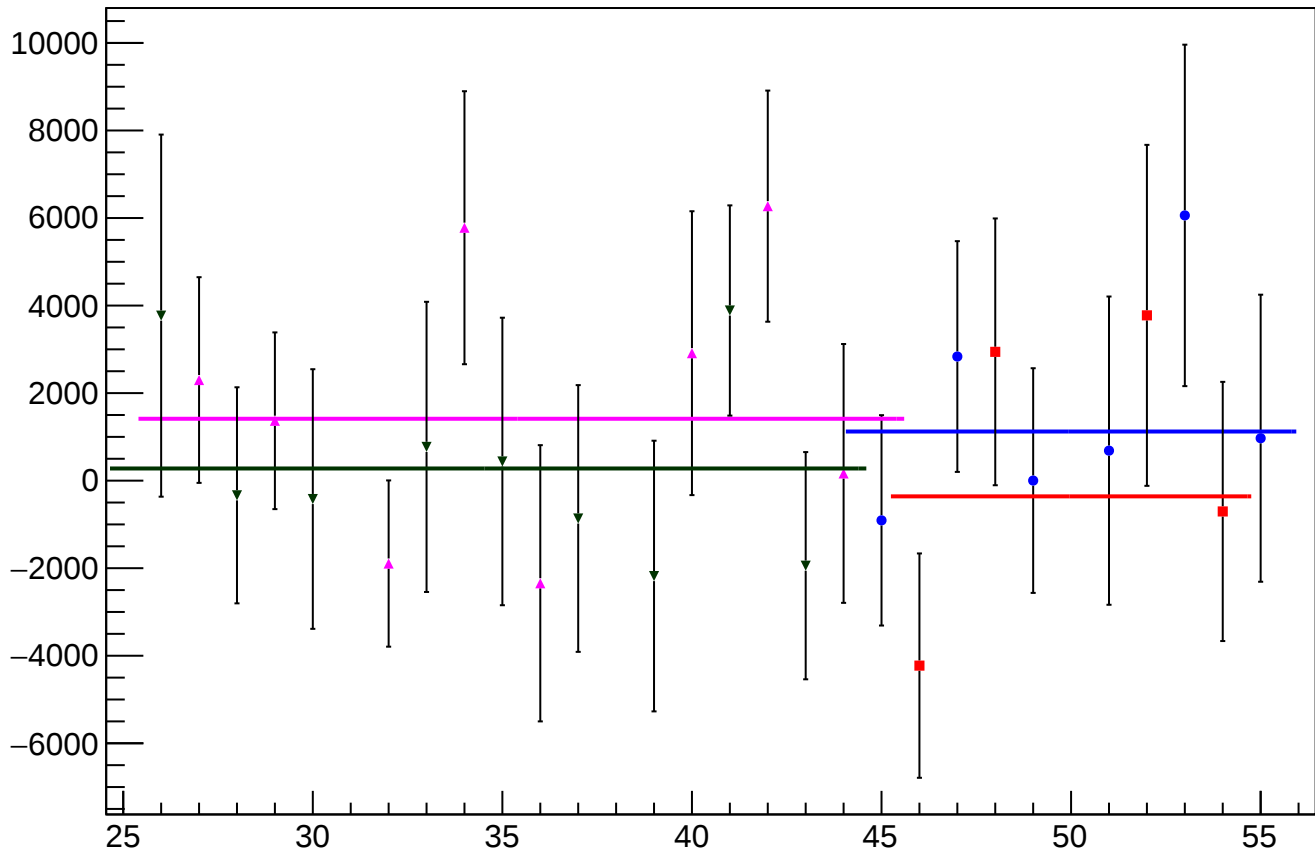
Right Out: 407.653 $\pm$ 0.203 χ^2 /NDF: 34410.7/3

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.9/7

410.235 $\pm$ 0.100 χ^2 /NDF: 68014.1/14

407.713 $\pm$ 0.109 χ^2 /NDF: 83547.7/11

asym_atr2_correction_mean vs slug



Right In: 1122.553 ± 1188.214 χ^2/NDF : 2.9/5

Left Out: 278.027 ± 973.990 χ^2/NDF : 4.6/8

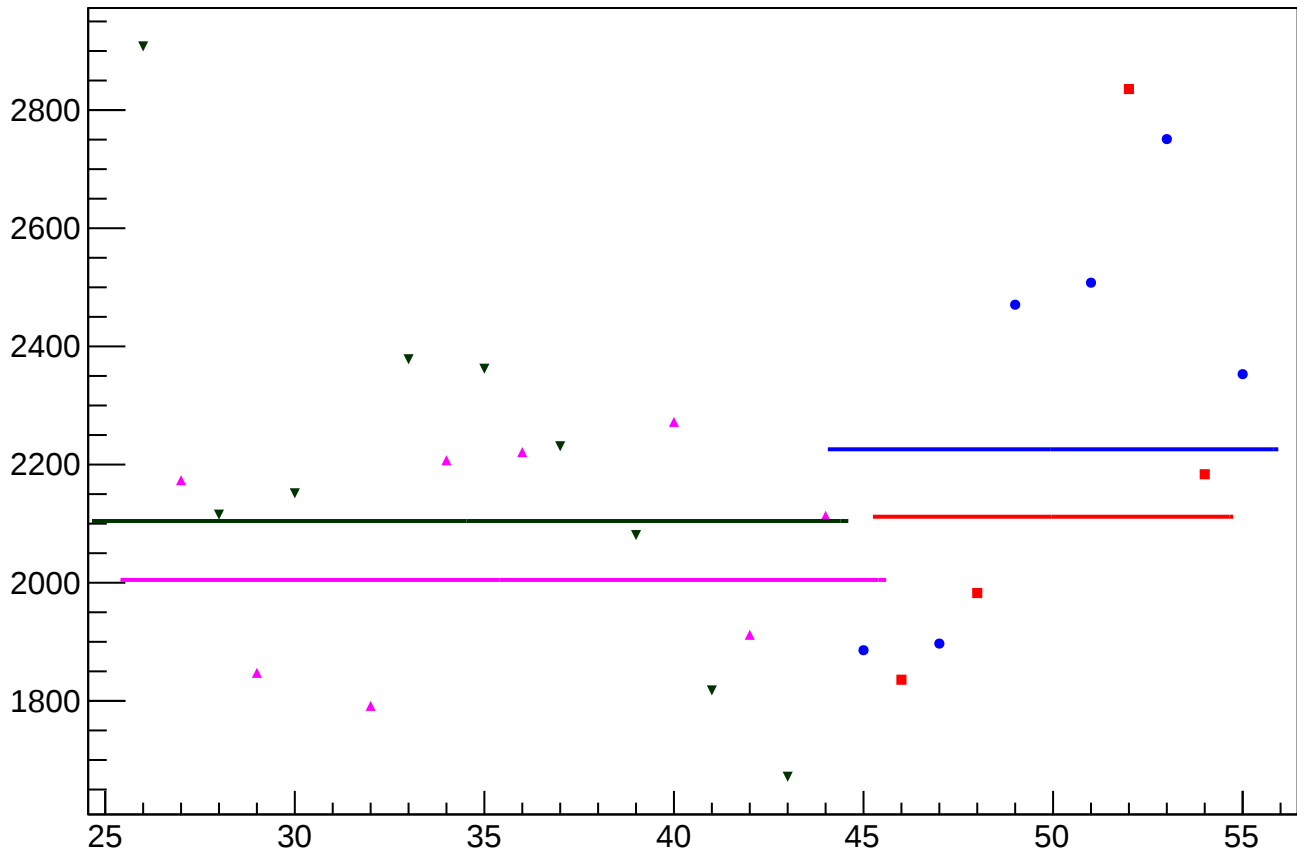
Right Out: -358.982 ± 1507.723 χ^2/NDF : 4.6/3

Left In: 1413.717 ± 890.892 χ^2/NDF : 10.3/7

617.430 ± 753.262 χ^2/NDF : 7.9/14

954.959 ± 767.001 χ^2/NDF : 15.9/11

asym_atr2_correction_rms vs slug



Right In: 2225.869+/-0.840 χ^2/NDF : 141444.3/5

Left Out: 2104.508+/-0.689 χ^2/NDF :189603.1/8

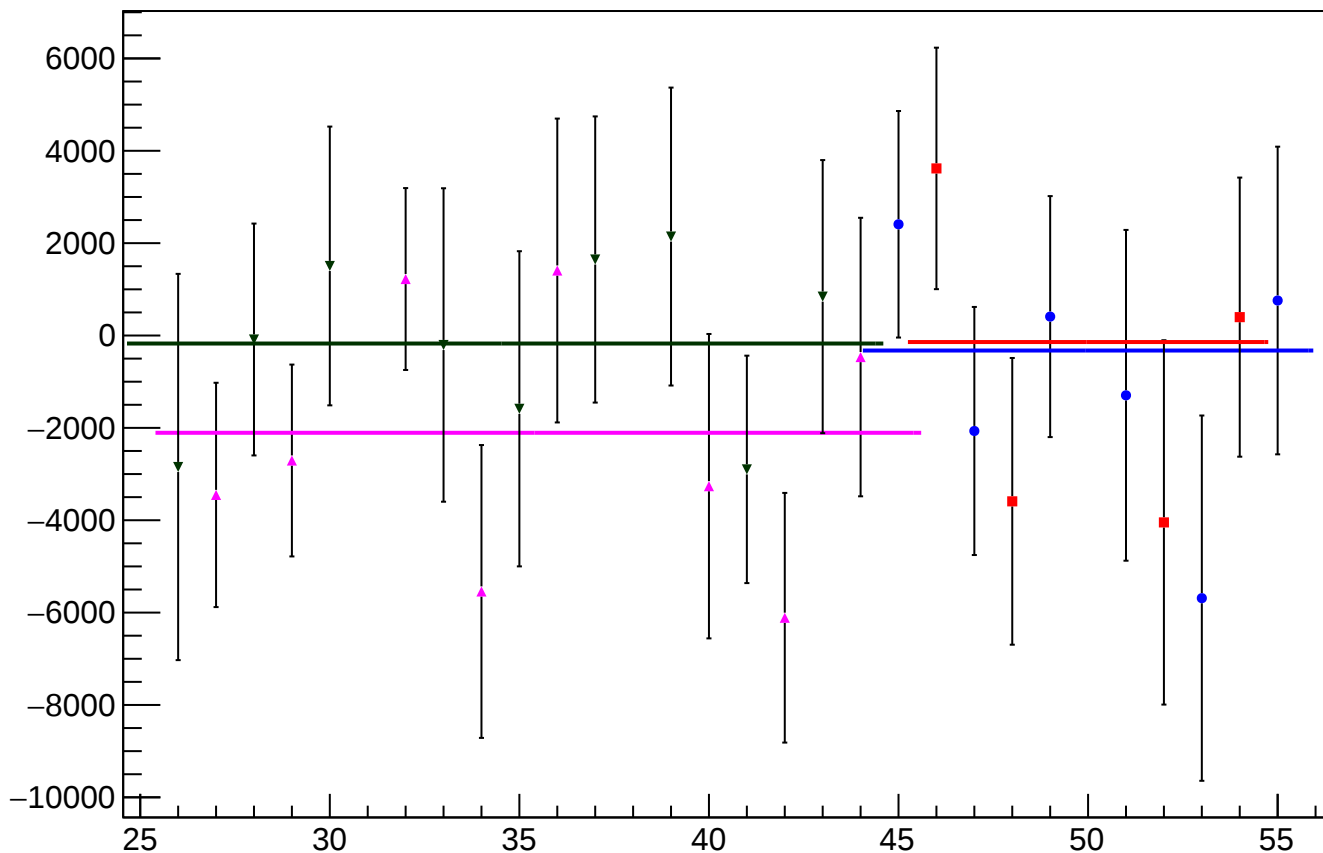
Right Out: 2111.743+/-1.066 χ^2/NDF : 97025.9/3

Left In: 2004.754+/-0.630 χ^2/NDF :84279.2/7

2153.281+/-0.533 χ^2/NDF : 343526.5/14

2032.442+/-0.542 χ^2/NDF : 188769.8/11

asym_atr2_mean vs slug



Right In: -324.989+/-1209.376 χ^2/NDF : 3.8/5

Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

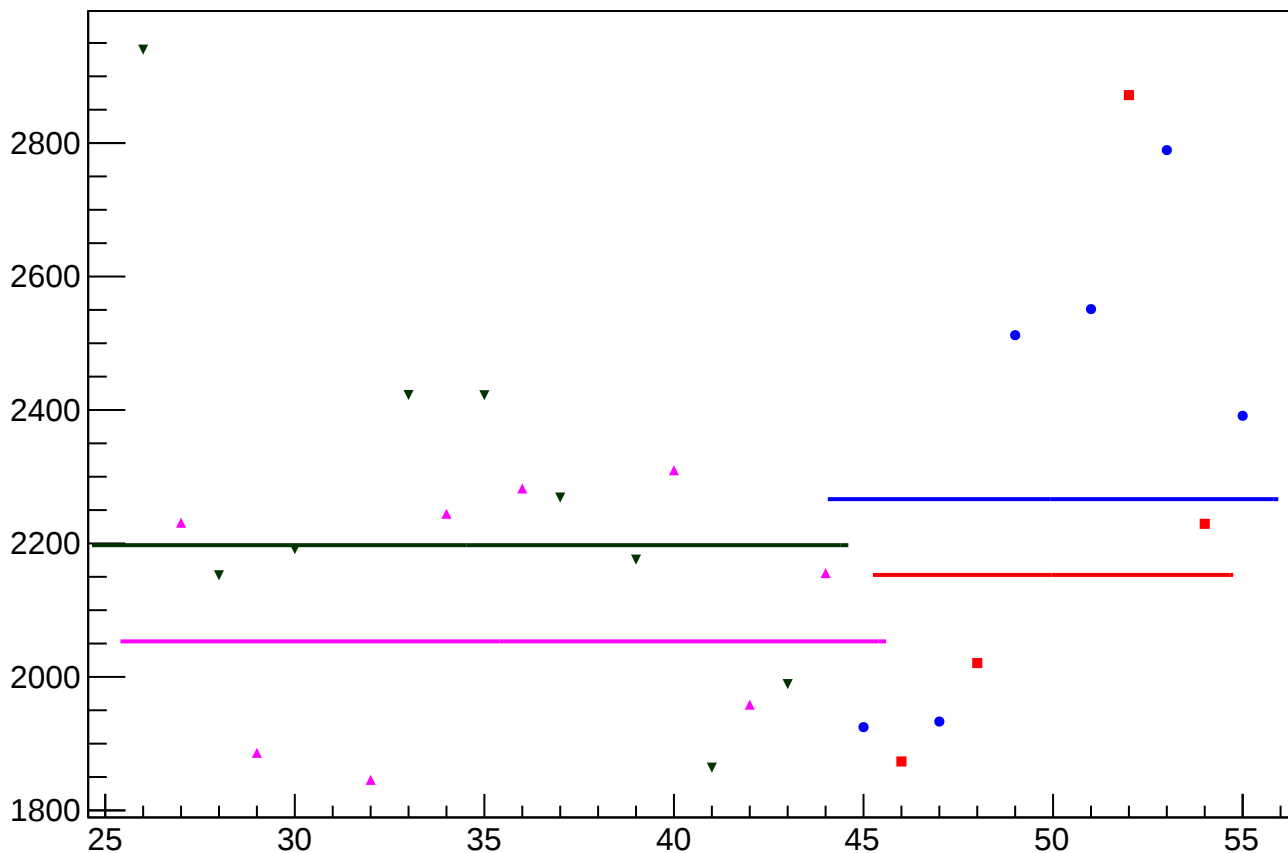
Right Out: -141.095+/-1536.129 χ^2/NDF : 4.3/3

Left In: -2106.390+/-916.762 χ^2/NDF : 8.2/7

-235.765+/-775.781 χ^2/NDF : 6.9/14

-1590.246+/-787.226 χ^2/NDF : 13.7/11

asym_atr2_rms vs slug



Right In: 2266.402+/-0.855 χ^2/NDF : 137778.9/5

Left Out: 2197.439+/-0.715 χ^2/NDF :128896.8/8

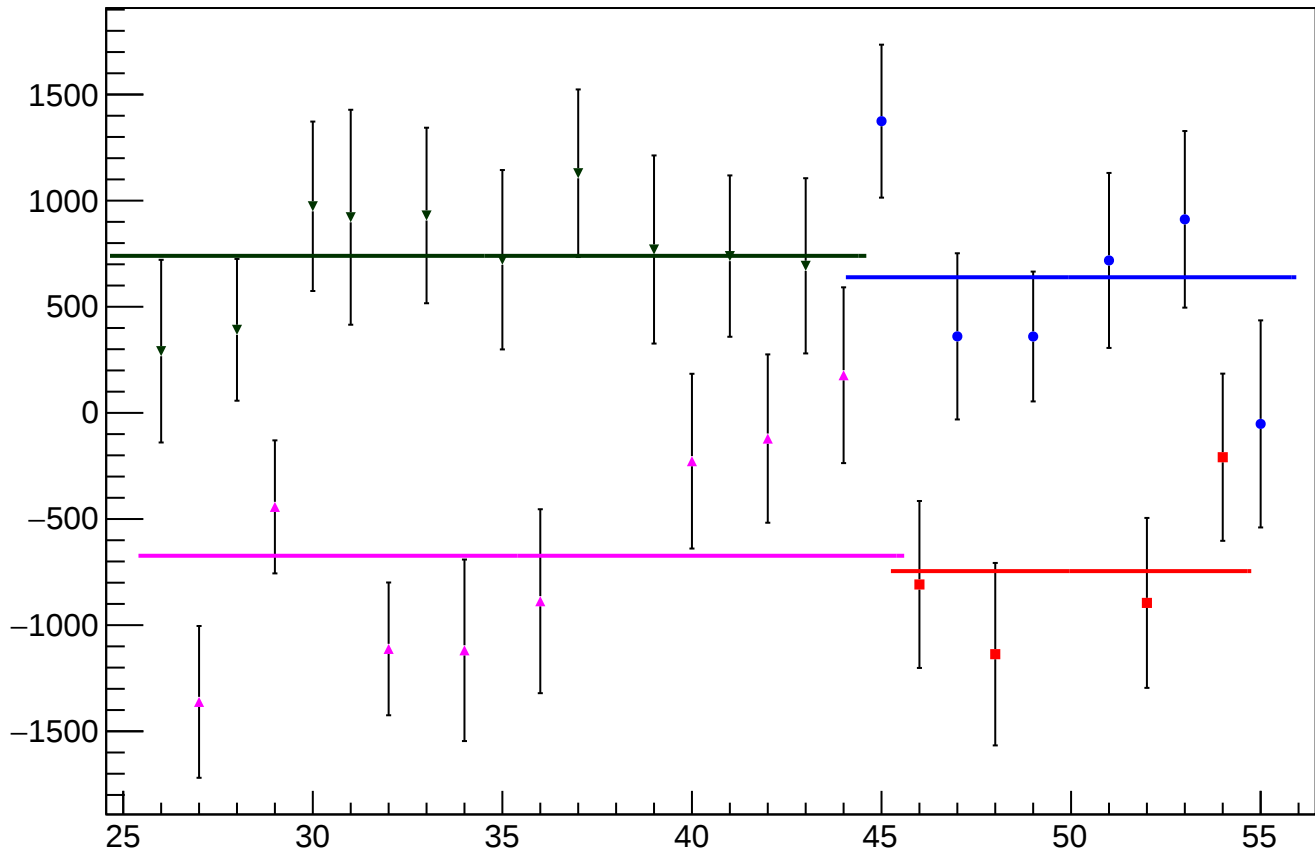
Right Out: 2152.828+/-1.086 χ^2/NDF : 94218.6/3

Left In: 2053.263+/-0.648 χ^2/NDF :79708.9/7

2225.816+/-0.549 χ^2/NDF : 270502.9/14

2079.412+/-0.557 χ^2/NDF : 180123.0/11

reg_asym_atl_avg_mean vs slug



Right In: 639.057+/-156.588 χ^2/NDF : 8.0/5

Left Out: 739.872+/-128.784 χ^2/NDF : 3.9/9

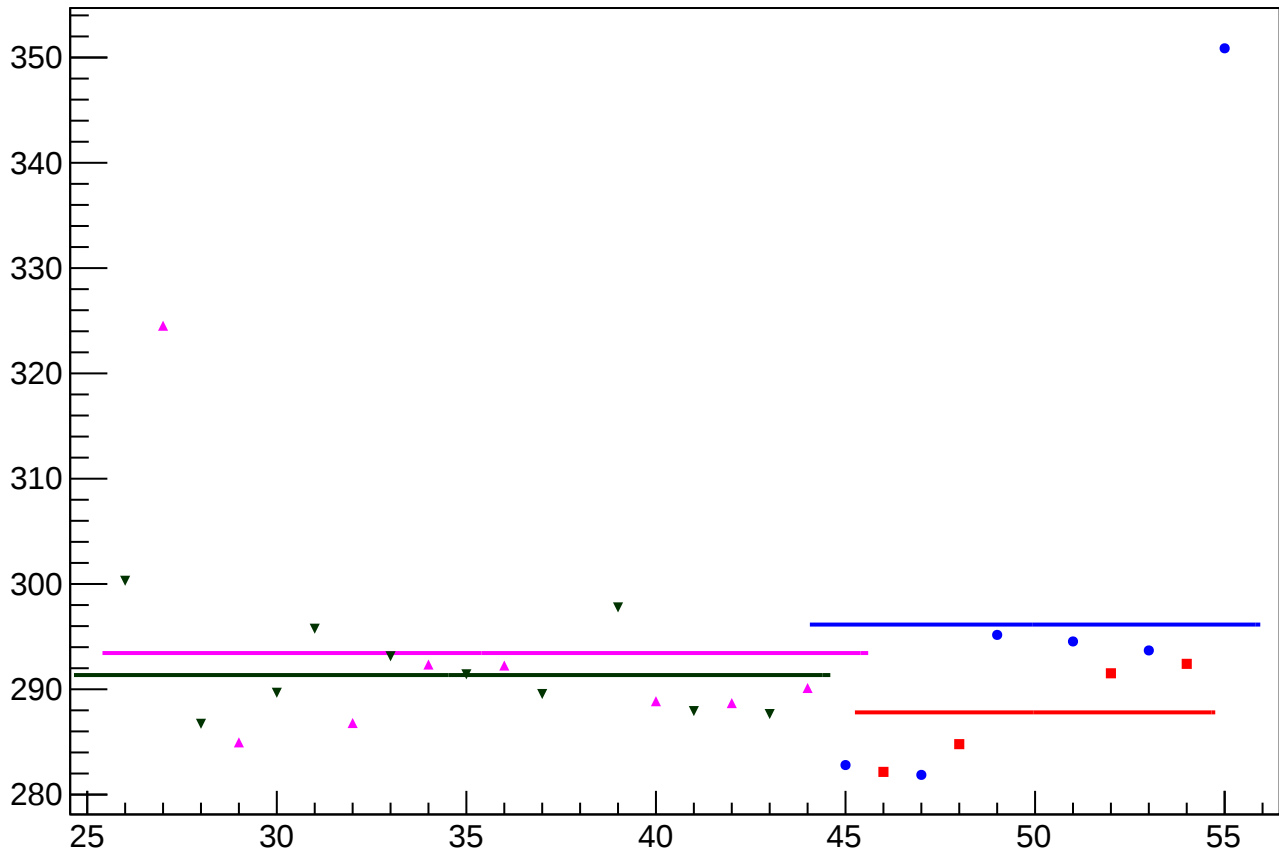
Right Out: -745.431+/-201.763 χ^2/NDF : 2.9/3

Left In: -673.071+/-132.323 χ^2/NDF : 14.9/7

699.195+/-99.466 χ^2/NDF : 12.1/15

-694.834+/-110.650 χ^2/NDF : 17.8/11

reg_asym_atl_avg_rms vs slug



Right In: 296.146+/-0.111 χ^2/NDF : 30696.5/5

Left Out: 291.351+/-0.091 χ^2/NDF : 2259.4/9

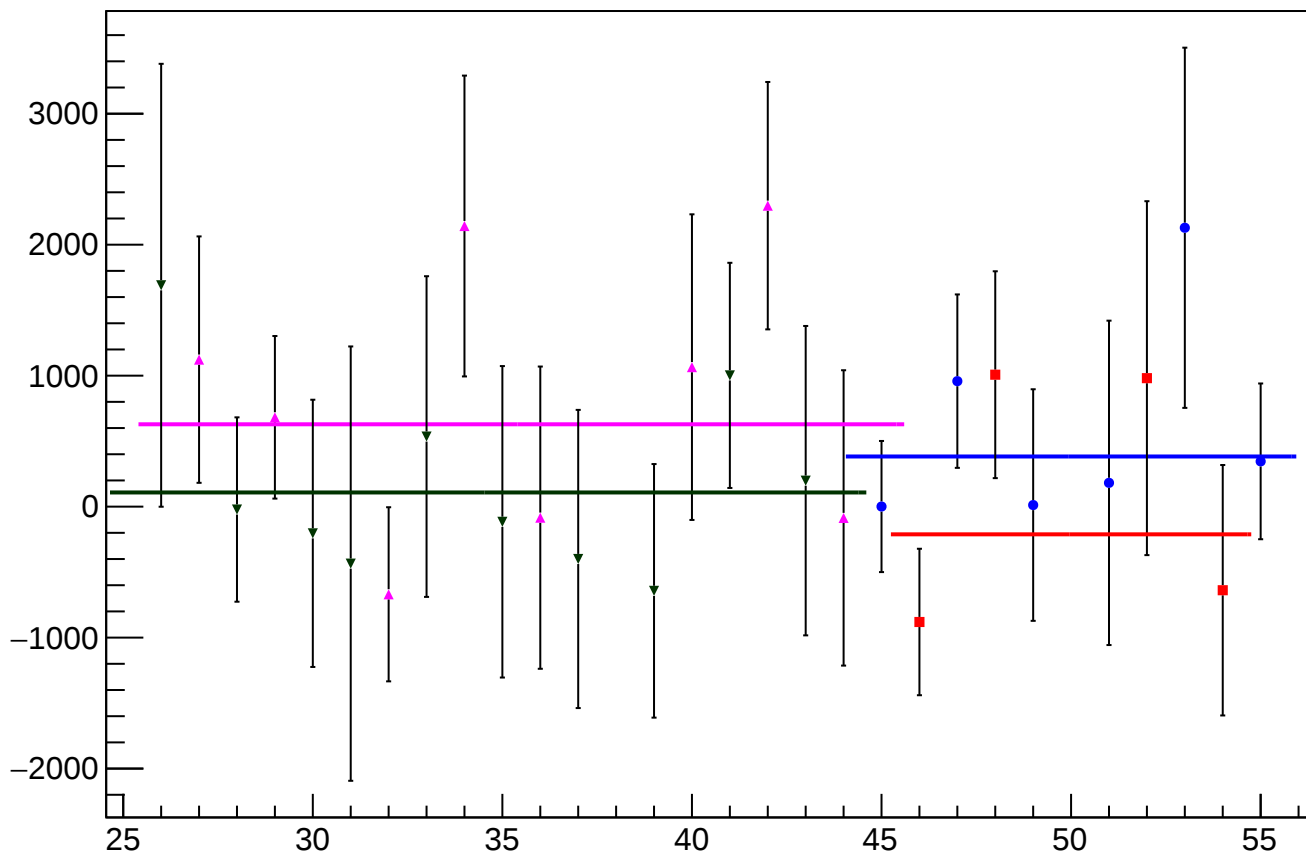
Right Out: 287.807+/-0.143 χ^2/NDF : 957.5/3

Left In: 293.442+/-0.094 χ^2/NDF : 18174.2/7

293.286+/-0.070 χ^2/NDF : 34074.4/15

291.747+/-0.078 χ^2/NDF : 20222.2/11

asym_atl_avg_correction_mean vs slug



Right In: 382.910+/-294.108 χ^2/NDF : 3.2/5

Left Out: 108.218+/-333.765 χ^2/NDF : 3.2/9

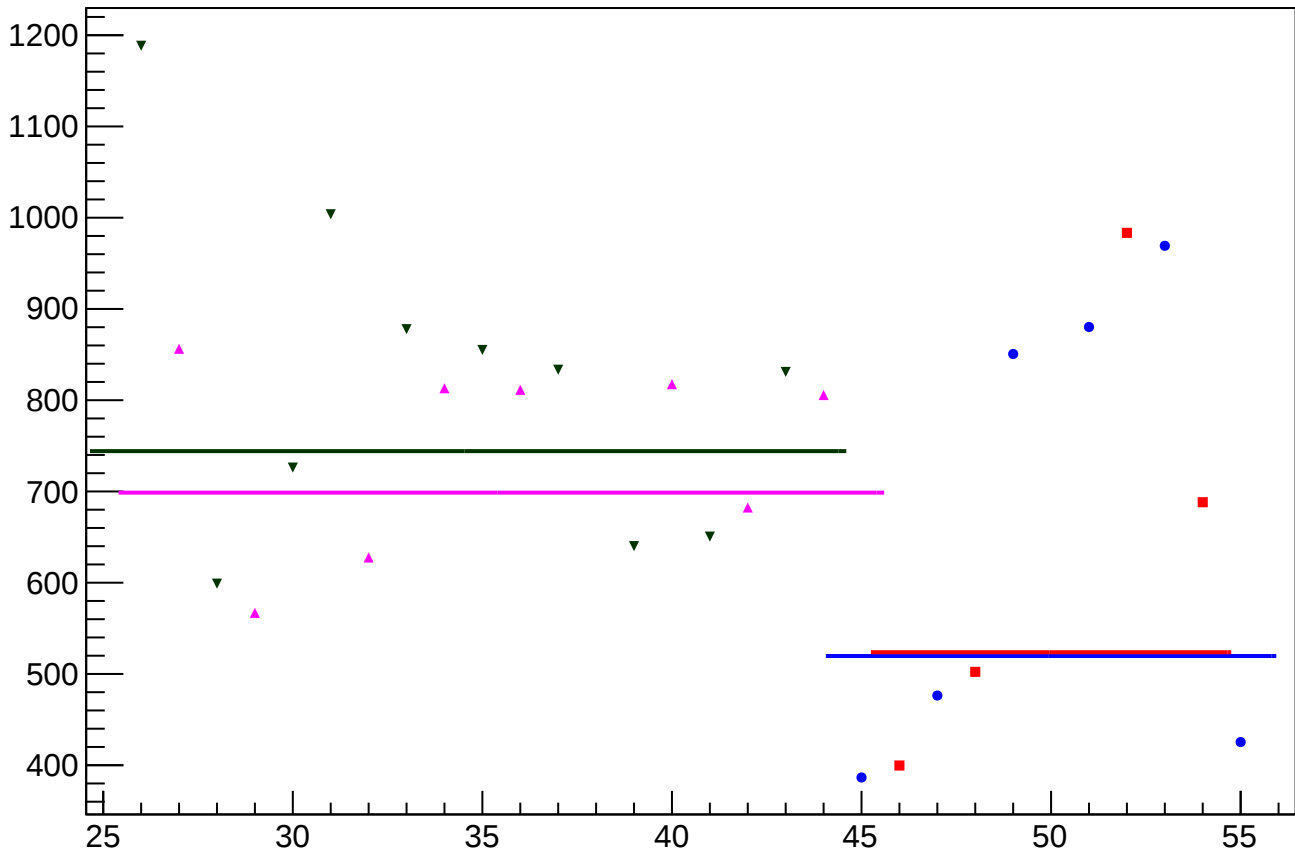
Right Out: -211.463+/-393.950 χ^2/NDF : 4.8/3

Left In: 628.735+/-314.024 χ^2/NDF : 9.9/7

262.845+/-220.661 χ^2/NDF : 6.7/15

302.295+/-245.557 χ^2/NDF : 17.5/11

asym_atl_avg_correction_rms vs slug



Right In: 519.641 $\pm$ 0.208 χ^2 /NDF: 863928.2/5

Left Out: 744.197 $\pm$ 0.236 χ^2 /NDF:384053.8/9

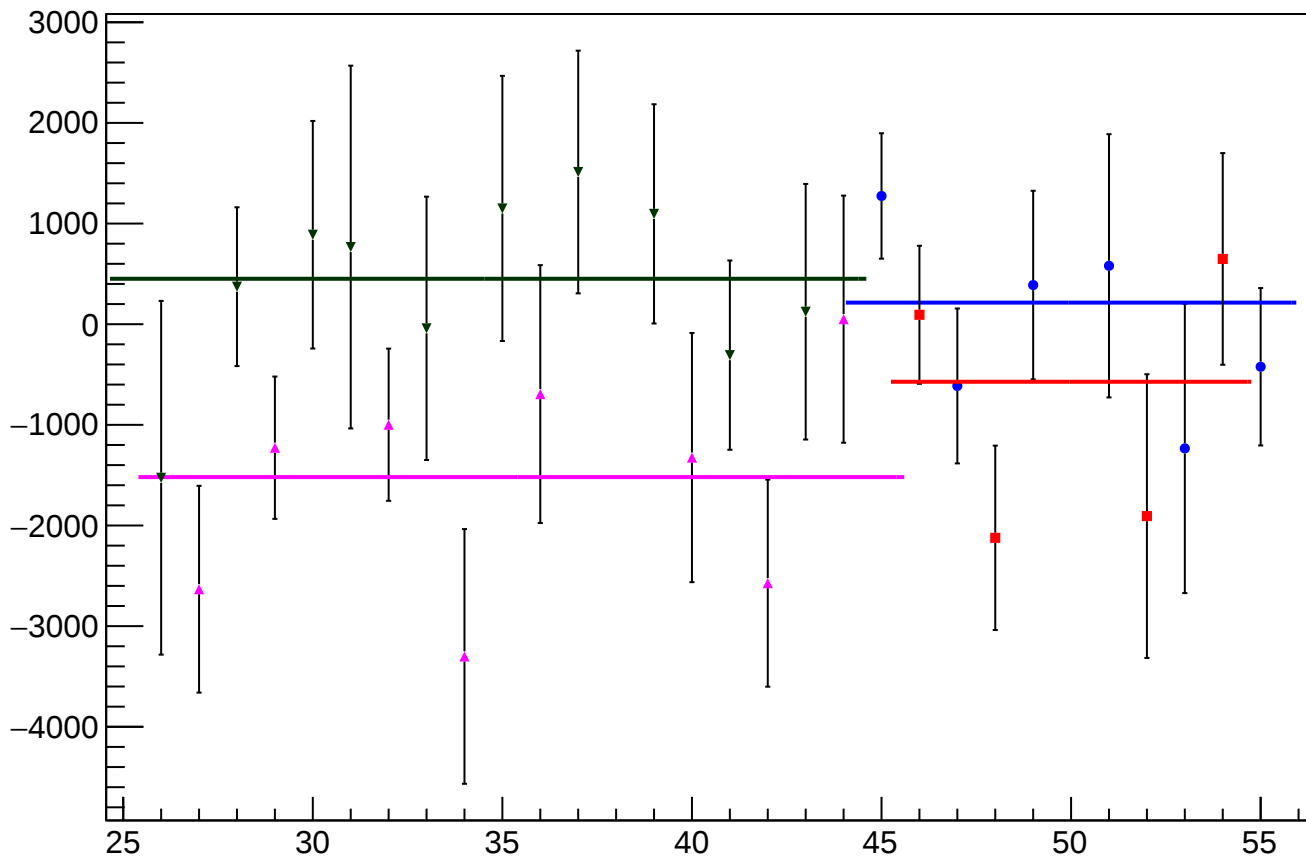
Right Out: 523.828 $\pm$ 0.279 χ^2 /NDF: 390596.9/3

Left In: 698.706 $\pm$ 0.222 χ^2 /NDF:247337.3/7

617.792 $\pm$ 0.156 χ^2 /NDF: 1757592.4/15

630.761 $\pm$ 0.174 χ^2 /NDF: 878921.5/11

asym_atl_avg_mean vs slug



Right In: 214.492 ± 351.193 $\chi^2/\text{NDF}: 5.8/5$

Left Out: 451.381 ± 366.058 $\chi^2/\text{NDF}: 3.7/9$

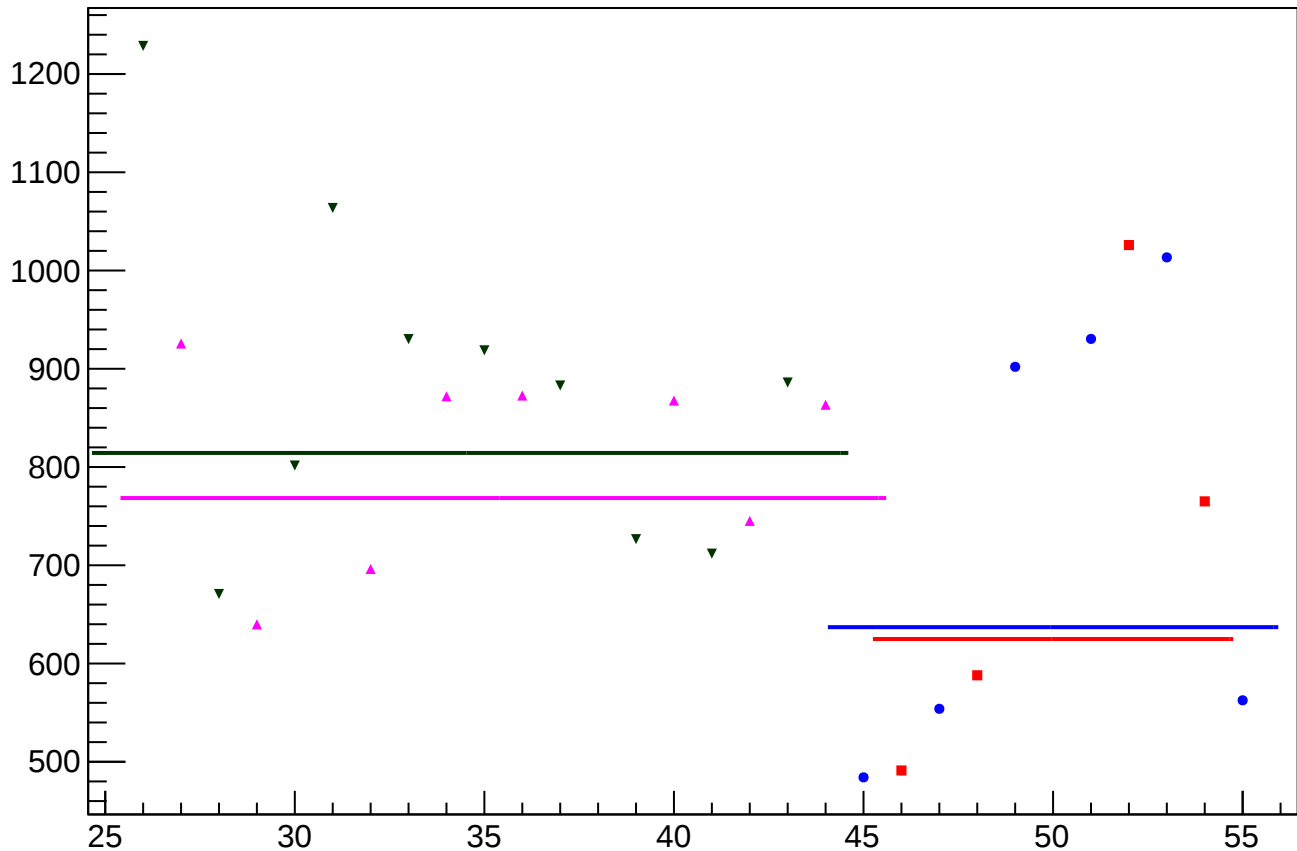
Right Out: -572.009 ± 459.957 $\chi^2/\text{NDF}: 6.1/3$

Left In: -1519.039 ± 349.401 $\chi^2/\text{NDF}: 6.9/7$

328.029 ± 253.423 $\chi^2/\text{NDF}: 9.8/15$

-1172.516 ± 278.228 $\chi^2/\text{NDF}: 15.7/11$

asym_atl_avg_rms vs slug



Right In: 637.018 $\pm$ 0.248 χ^2 /NDF: 559698.7/5

Left Out: 814.342 $\pm$ 0.259 χ^2 /NDF: 293767.4/9

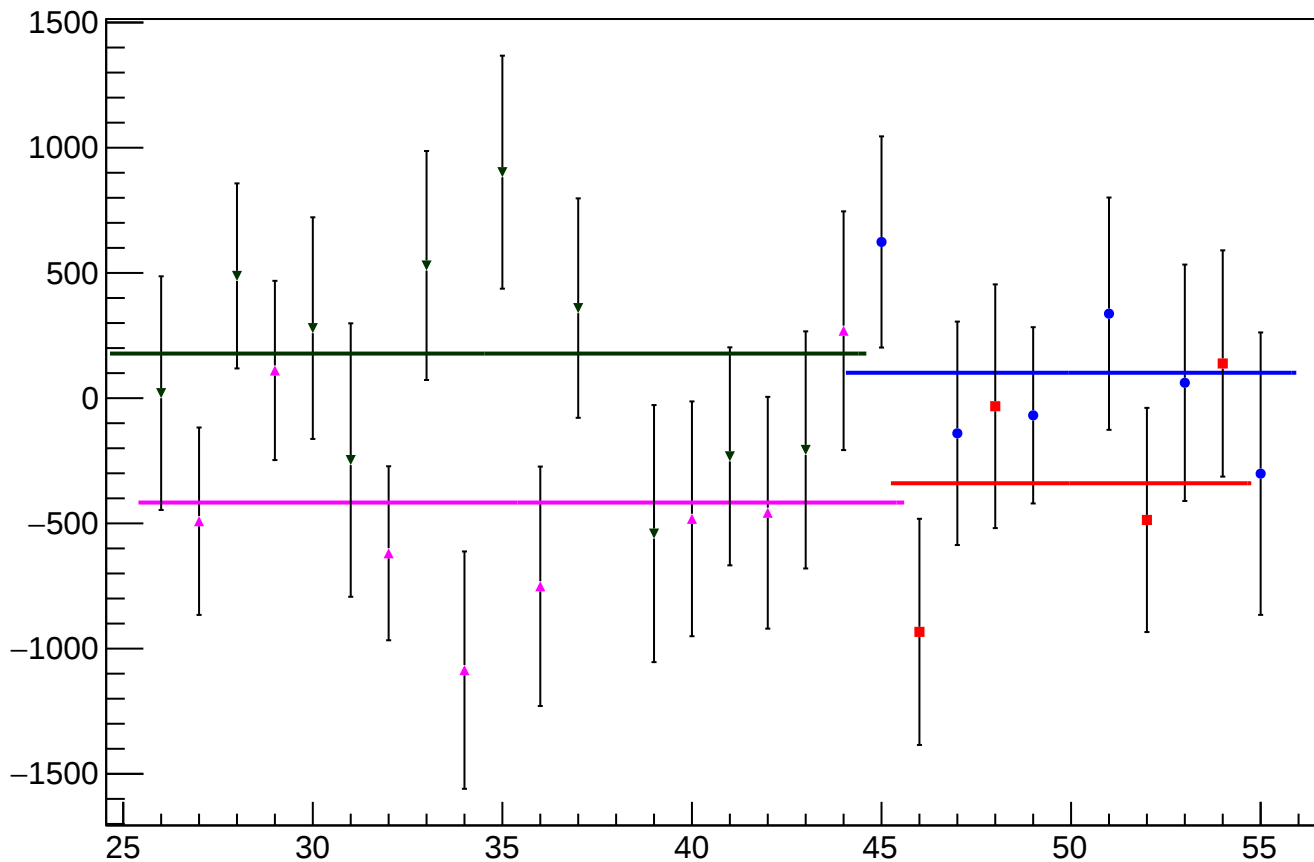
Right Out: 624.948 $\pm$ 0.325 χ^2 /NDF: 276794.5/3

Left In: 768.425 $\pm$ 0.247 χ^2 /NDF: 183671.3/7

722.006 $\pm$ 0.179 χ^2 /NDF: 1097845.1/15

715.926 $\pm$ 0.197 χ^2 /NDF: 583866.8/11

reg_asym_atl_dd_mean vs slug



Right In: 101.460 $\pm$ 179.577 χ^2 /NDF: 2.8/5

Left Out: 178.098 $\pm$ 143.538 χ^2 /NDF: 8.2/9

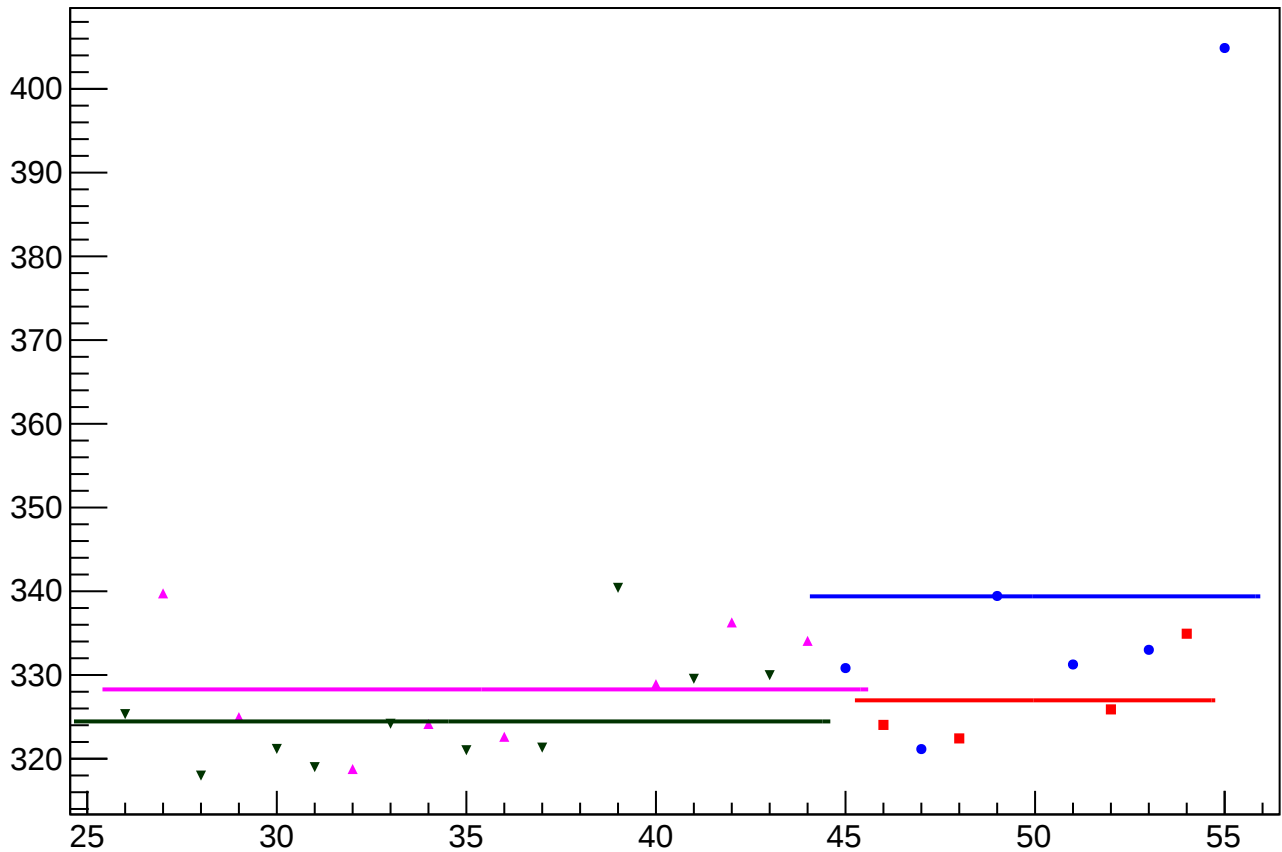
Right Out: -339.726 $\pm$ 229.281 χ^2 /NDF: 3.4/3

Left In: -416.758 $\pm$ 147.940 χ^2 /NDF: 7.1/7

148.222 $\pm$ 112.122 χ^2 /NDF: 11.1/15

-394.115 $\pm$ 124.309 χ^2 /NDF: 10.6/11

reg_asym_atl_dd_rms vs slug



Right In: 339.393+/-0.127 χ^2/NDF : 32131.5/5

Left Out: 324.455+/-0.101 χ^2/NDF :3621.0/9

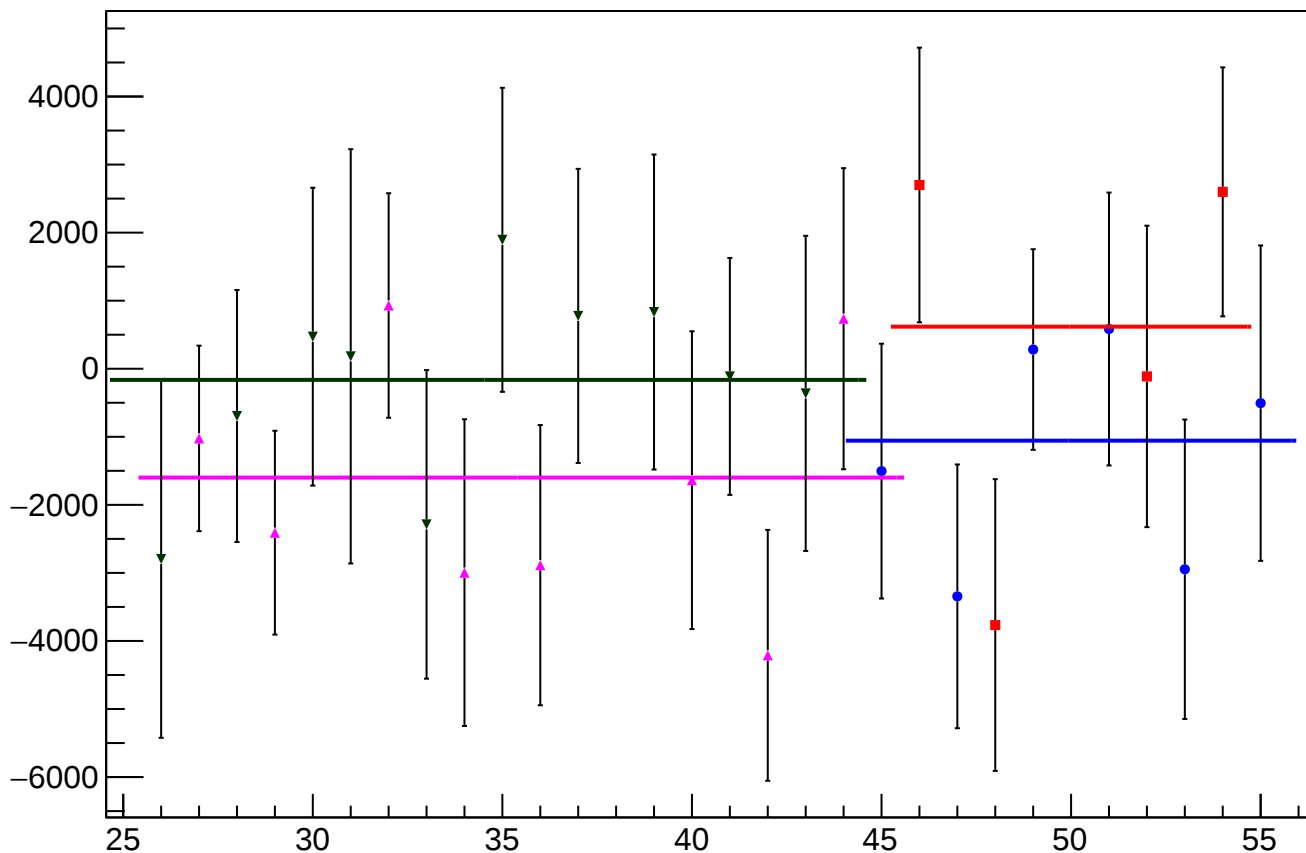
Right Out: 326.974+/-0.162 χ^2/NDF : 891.5/3

Left In: 328.279+/-0.105 χ^2/NDF :4878.6/7

330.278+/-0.079 χ^2/NDF : 44196.2/15

327.895+/-0.088 χ^2/NDF : 5815.9/11

asym_atl_dd_correction_mean vs slug



Right In: -1056.859 ± 777.627 χ^2/NDF : 3.7/5

Left Out: -163.511 ± 695.796 χ^2/NDF : 3.3/9

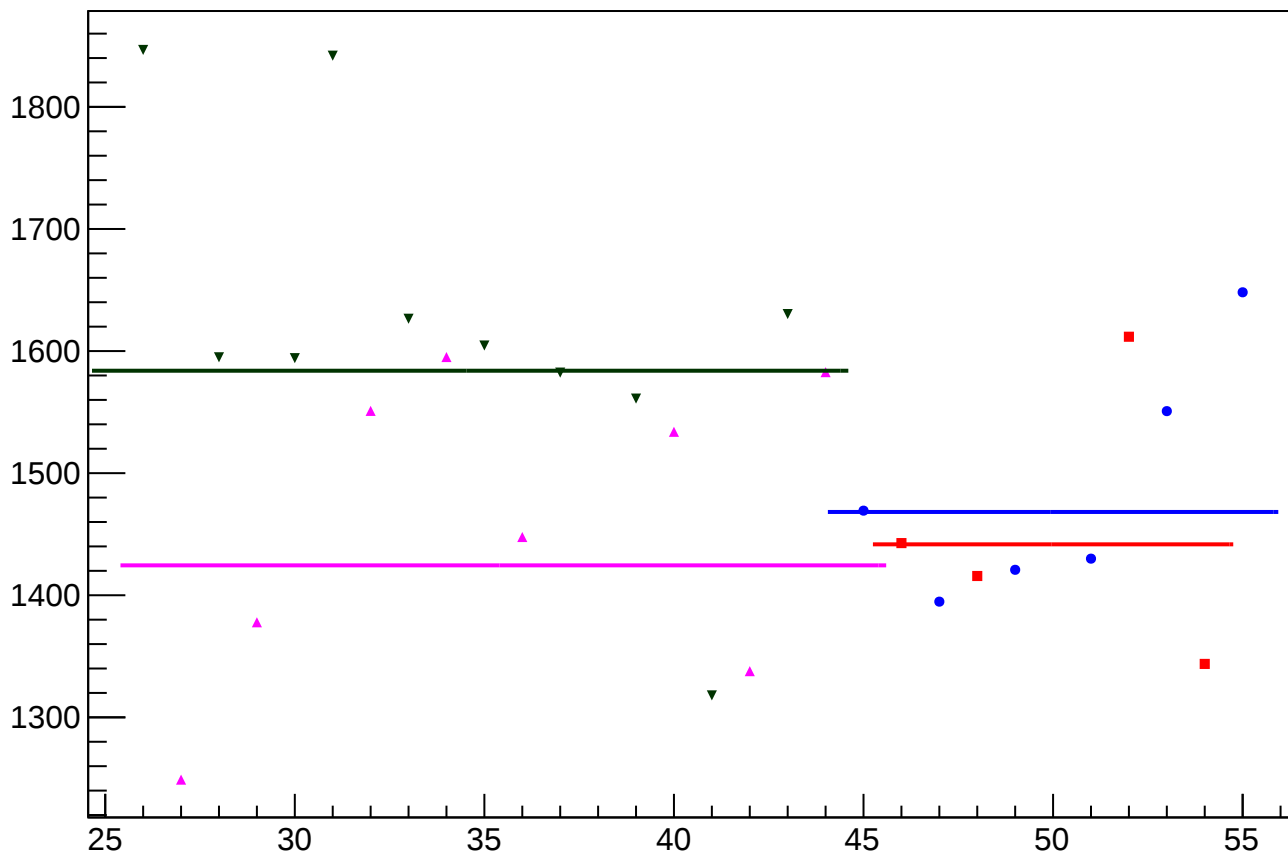
Right Out: 618.212 ± 1017.397 χ^2/NDF : 6.5/3

Left In: -1599.395 ± 633.470 χ^2/NDF : 6.7/7

-560.723 ± 518.528 χ^2/NDF : 7.8/15

-979.858 ± 537.752 χ^2/NDF : 16.7/11

asym_atl_dd_correction_rms vs slug



Right In: 1468.223+/-0.550 χ^2/NDF : 20546.3/5

Left Out: 1583.903+/-0.492 χ^2/NDF : 83028.2/9

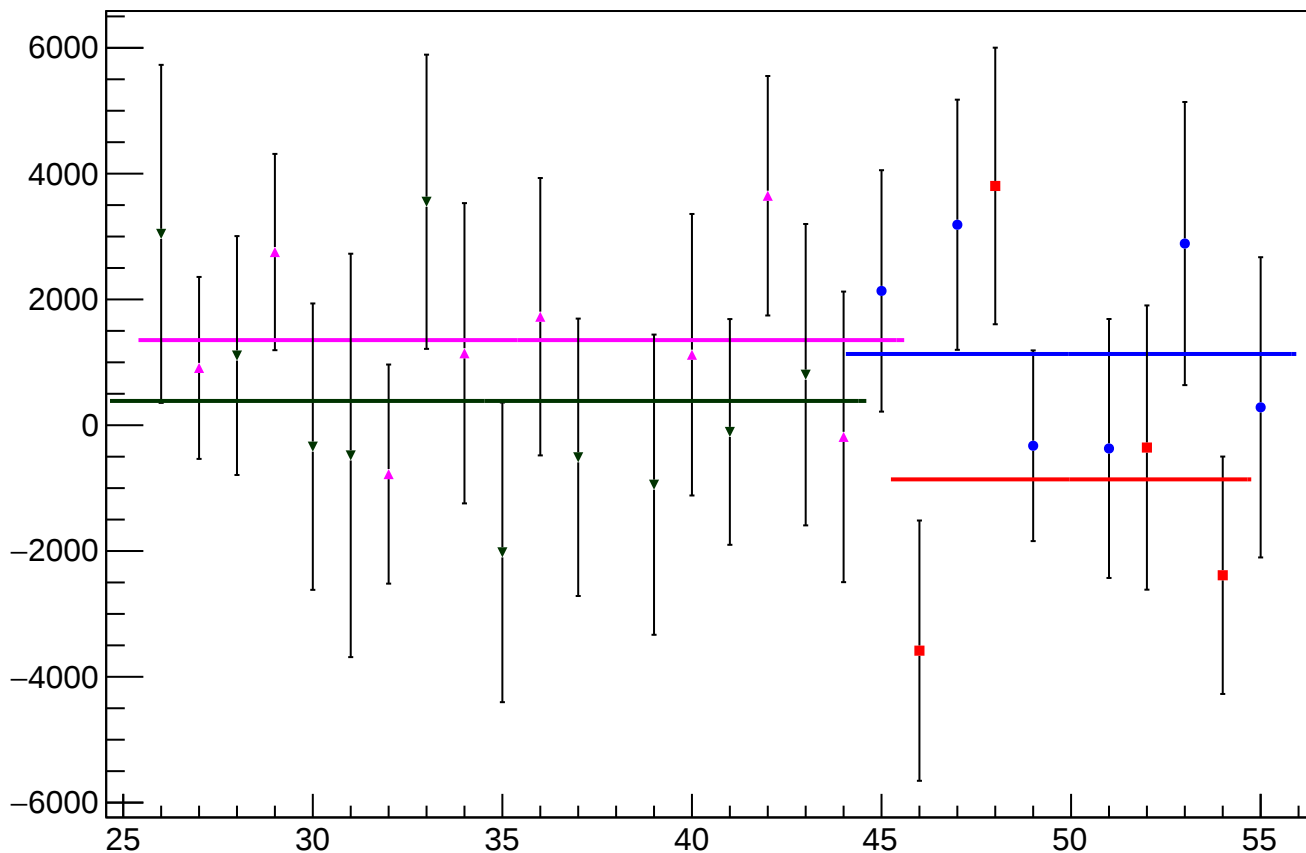
Right Out: 1441.703+/-0.719 χ^2/NDF : 17817.6/3

Left In: 1424.491+/-0.448 χ^2/NDF : 78237.9/7

1532.468+/-0.367 χ^2/NDF : 128154.6/15

1429.299+/-0.380 χ^2/NDF : 96468.0/11

asym_atl_dd_mean vs slug



Right In: 1132.810+/-798.514 χ^2/NDF : 3.5/5

Left Out: 386.051+/-719.673 χ^2/NDF : 4.7/9

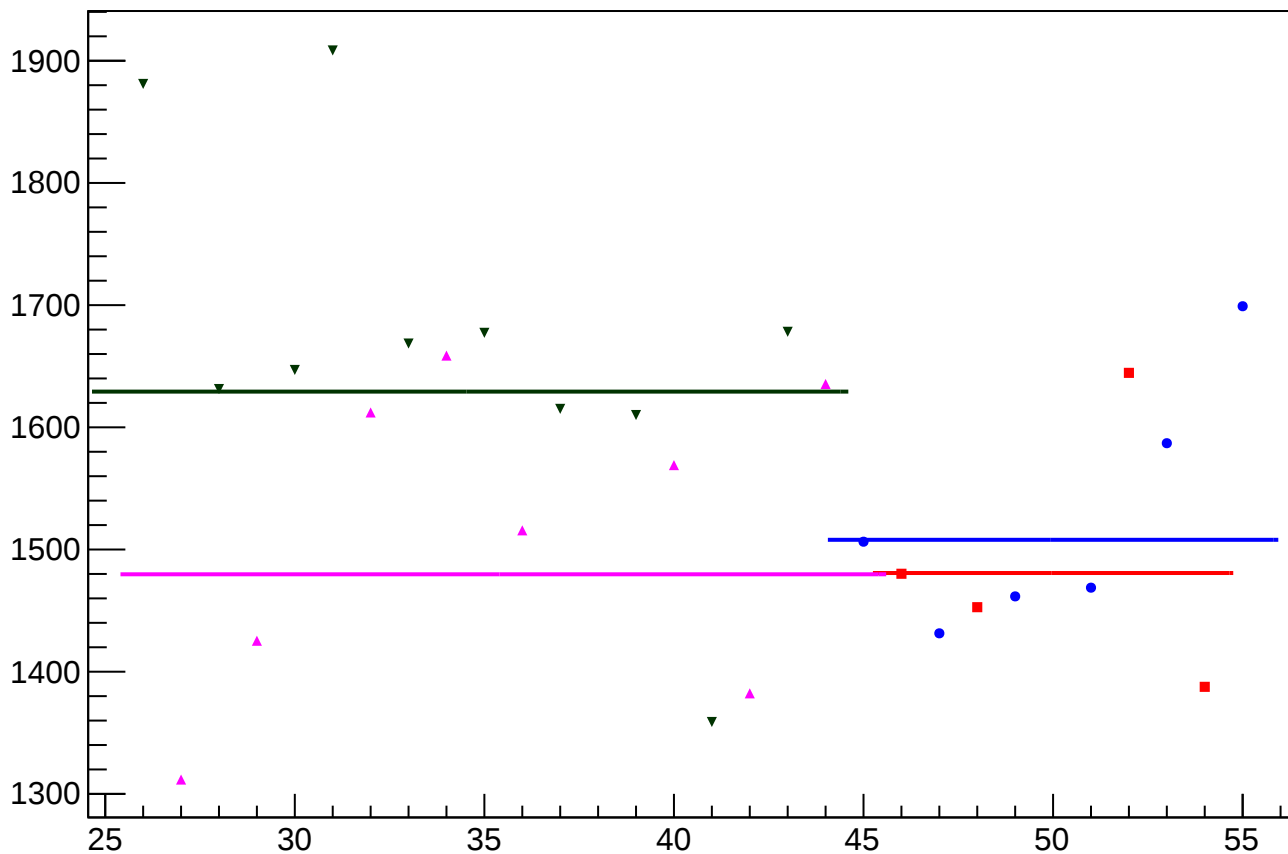
Right Out: -860.982+/-1044.278 χ^2/NDF : 6.9/3

Left In: 1353.325+/-664.845 χ^2/NDF : 4.3/7

720.754+/-534.592 χ^2/NDF : 8.7/15

714.667+/-560.830 χ^2/NDF : 14.5/11

asym_atl_dd_rms vs slug



Right In: 1507.946+/-0.565 χ^2/NDF : 20850.8/5

Left Out: 1629.236+/-0.509 χ^2/NDF :80669.5/9

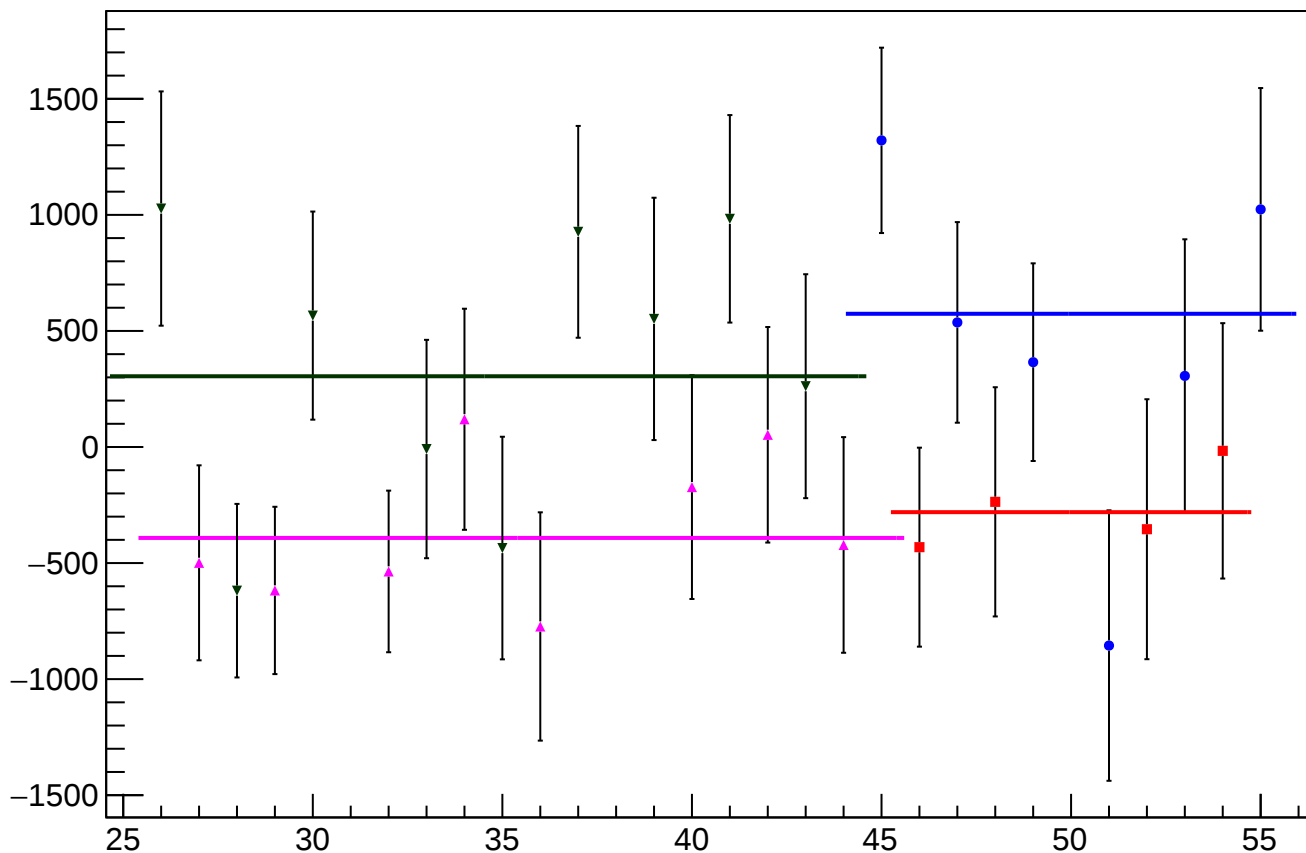
Right Out: 1480.772+/-0.738 χ^2/NDF : 15706.5/3

Left In: 1479.724+/-0.470 χ^2/NDF :70261.1/7

1574.873+/-0.378 χ^2/NDF : 126982.0/15

1480.026+/-0.397 χ^2/NDF : 85969.1/11

reg_asym_atr_avg_mean vs slug



Right In: 573.929 $\pm$ 193.764 χ^2/NDF : 10.7/5

Left Out: 304.753 $\pm$ 153.029 χ^2/NDF : 15.7/8

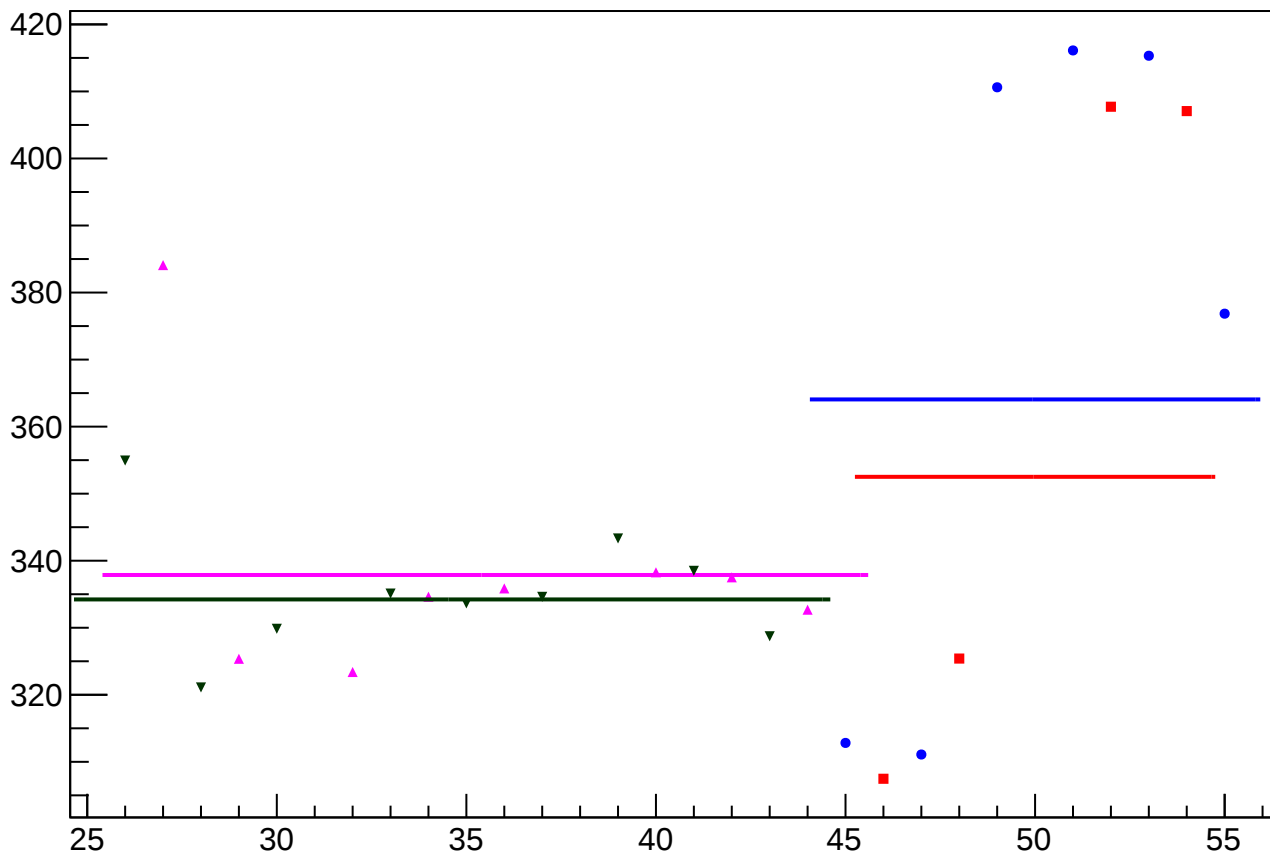
Right Out: -280.688 $\pm$ 249.700 χ^2/NDF : 0.4/3

Left In: -391.742 $\pm$ 151.210 χ^2/NDF : 3.5/7

408.153 $\pm$ 120.092 χ^2/NDF : 27.6/14

-361.945 $\pm$ 129.343 χ^2/NDF : 4.0/11

reg_asym_atr_avg_rms vs slug



Right In: 364.058+/-0.137 χ^2/NDF : 119230.6/5

Left Out: 334.224+/-0.108 χ^2/NDF : 7088.3/8

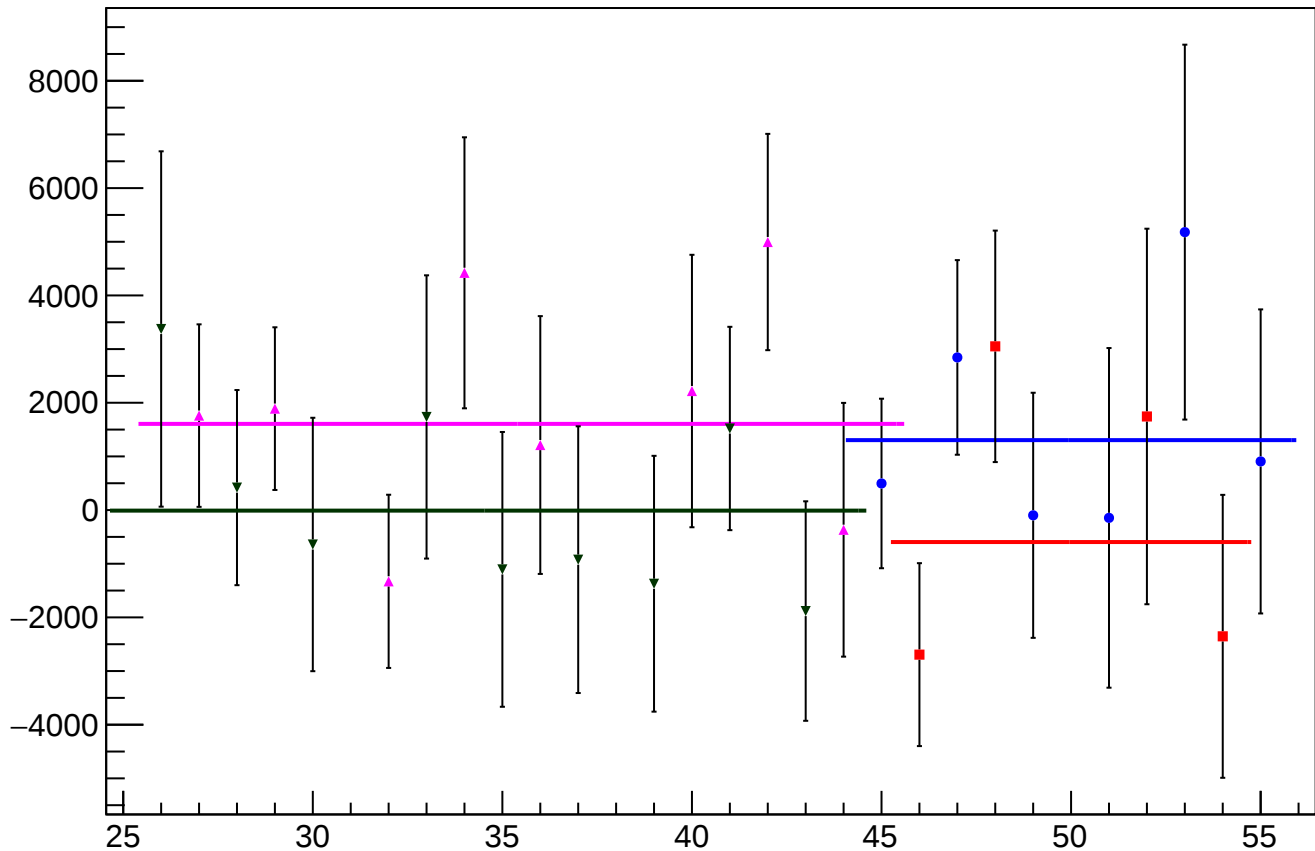
Right Out: 352.513+/-0.177 χ^2/NDF : 67220.0/3

Left In: 337.871+/-0.107 χ^2/NDF : 30461.2/7

345.684+/-0.085 χ^2/NDF : 155519.3/14

341.799+/-0.091 χ^2/NDF : 102713.3/11

asym_atr_avg_correction_mean vs slug



Right In: 1303.363 ± 911.765 $\chi^2/\text{NDF}: 2.8/5$

Left Out: -10.269 ± 761.494 $\chi^2/\text{NDF}: 3.7/8$

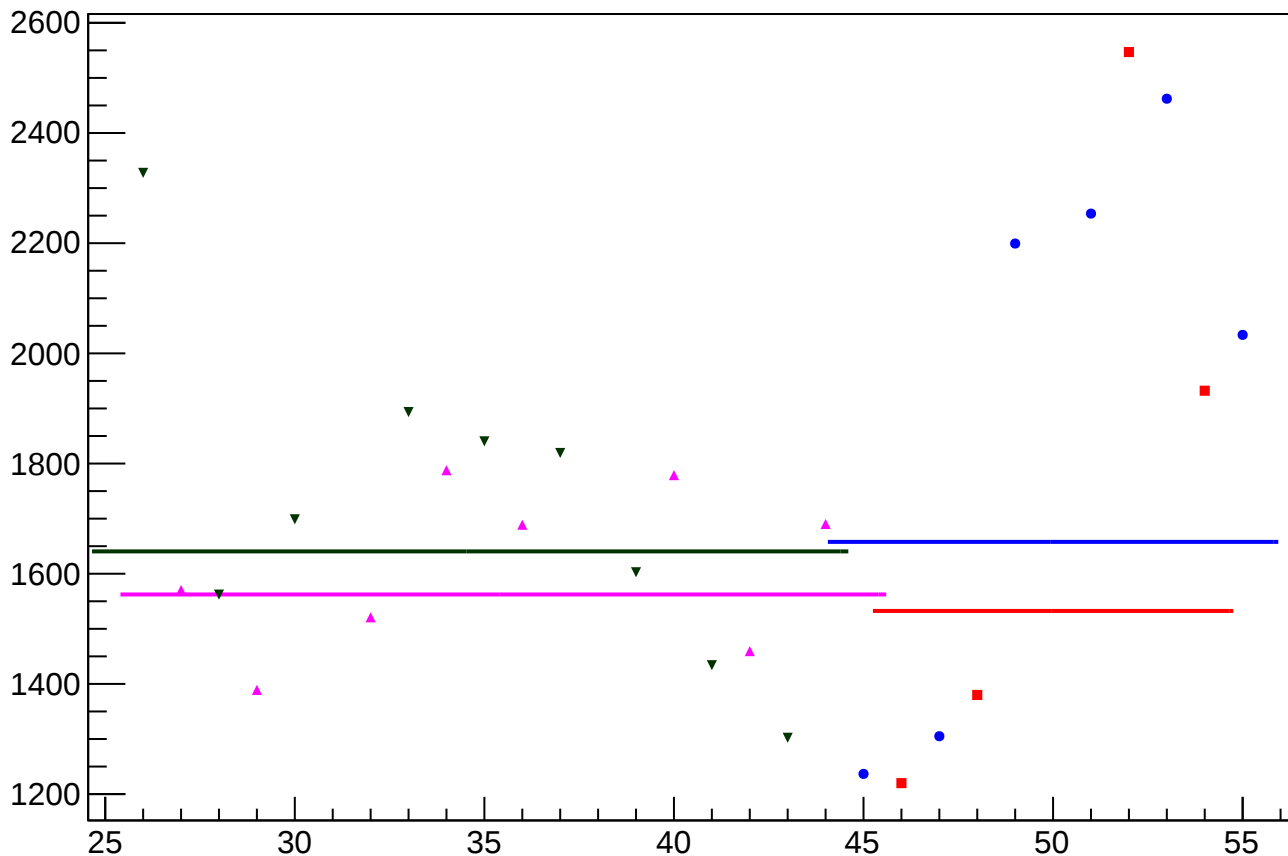
Right Out: -595.852 ± 1128.906 $\chi^2/\text{NDF}: 5.3/3$

Left In: 1606.123 ± 694.183 $\chi^2/\text{NDF}: 8.2/7$

529.517 ± 584.463 $\chi^2/\text{NDF}: 7.8/14$

1001.956 ± 591.330 $\chi^2/\text{NDF}: 16.2/11$

asym_atr_avg_correction_rms vs slug



Right In: 1657.823+/-0.645 χ^2/NDF : 542430.1/5

Left Out: 1640.545+/-0.538 χ^2/NDF :210924.6/8

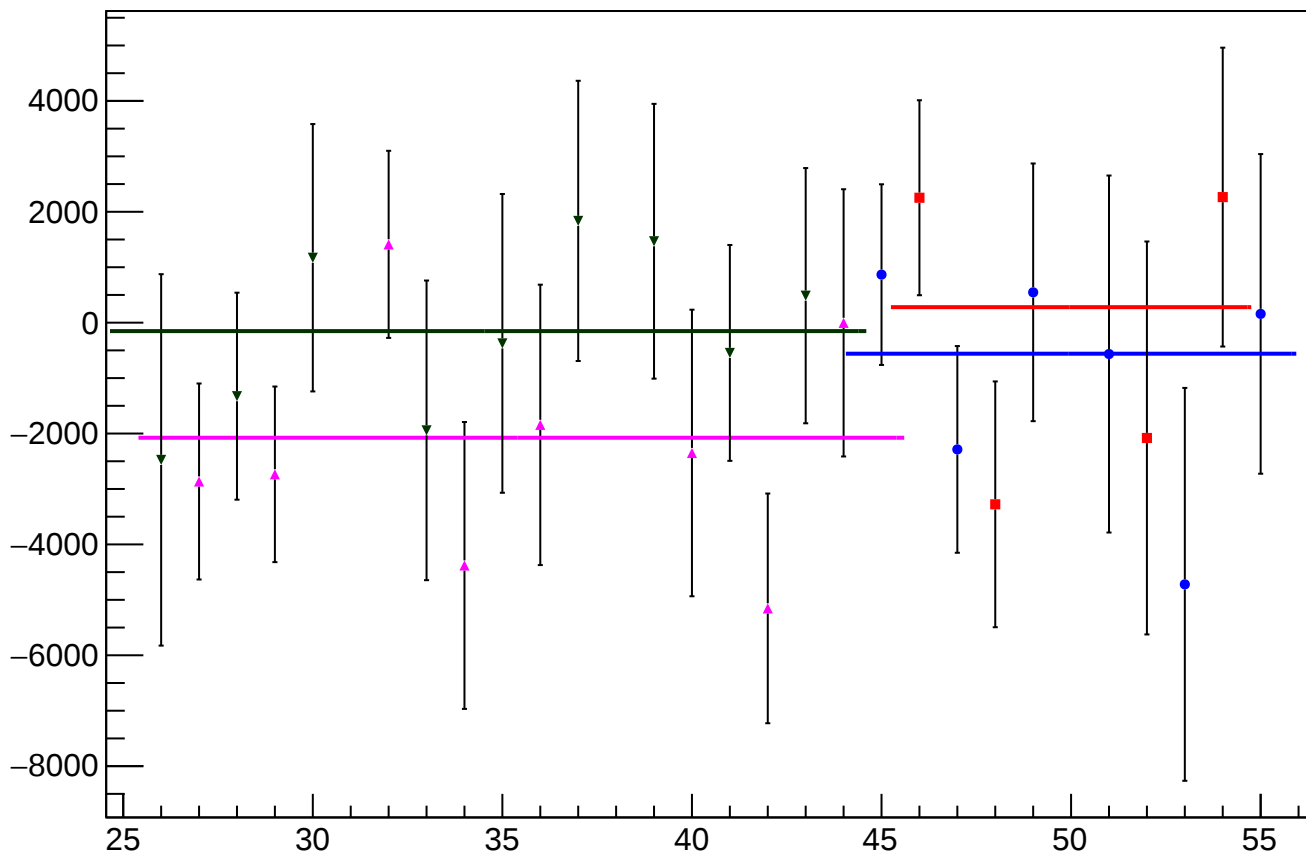
Right Out: 1532.462+/-0.798 χ^2/NDF : 291330.9/3

Left In: 1562.373+/-0.491 χ^2/NDF :74594.6/7

1647.645+/-0.413 χ^2/NDF : 753777.8/14

1554.166+/-0.418 χ^2/NDF : 366944.3/11

asym_atr_avg_mean vs slug



Right In: -559.904+/-934.200 χ^2/NDF : 3.3/5

Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

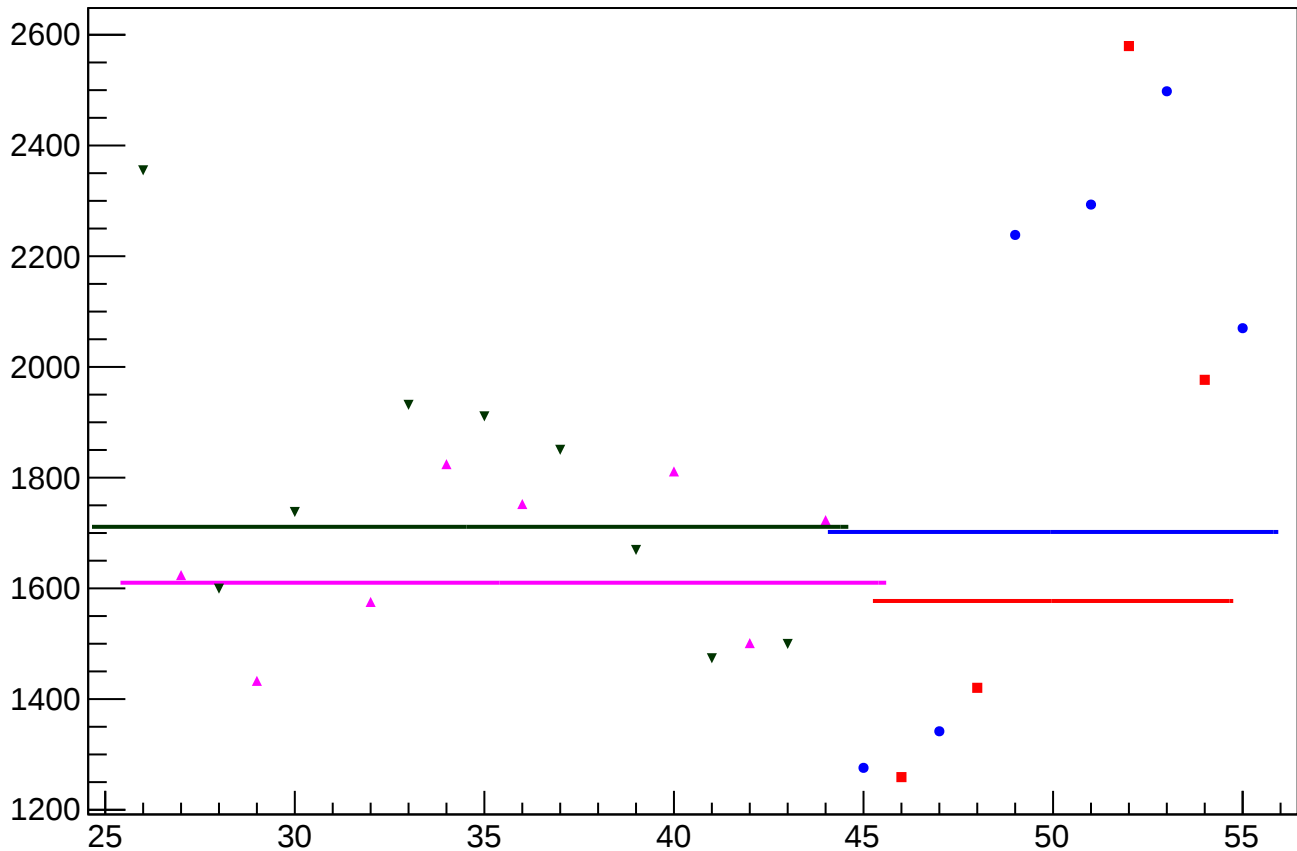
Right Out: 279.603+/-1159.334 χ^2/NDF : 4.8/3

Left In: -2075.972+/-719.755 χ^2/NDF : 8.4/7

-322.687+/-604.103 χ^2/NDF : 6.2/14

-1420.638+/-611.493 χ^2/NDF : 16.2/11

asym_atr_avg_rms vs slug



Right In: 1701.914+/-0.661 χ^2 /NDF: 518947.0/5

Left Out: 1711.189+/-0.560 χ^2 /NDF:158821.4/8

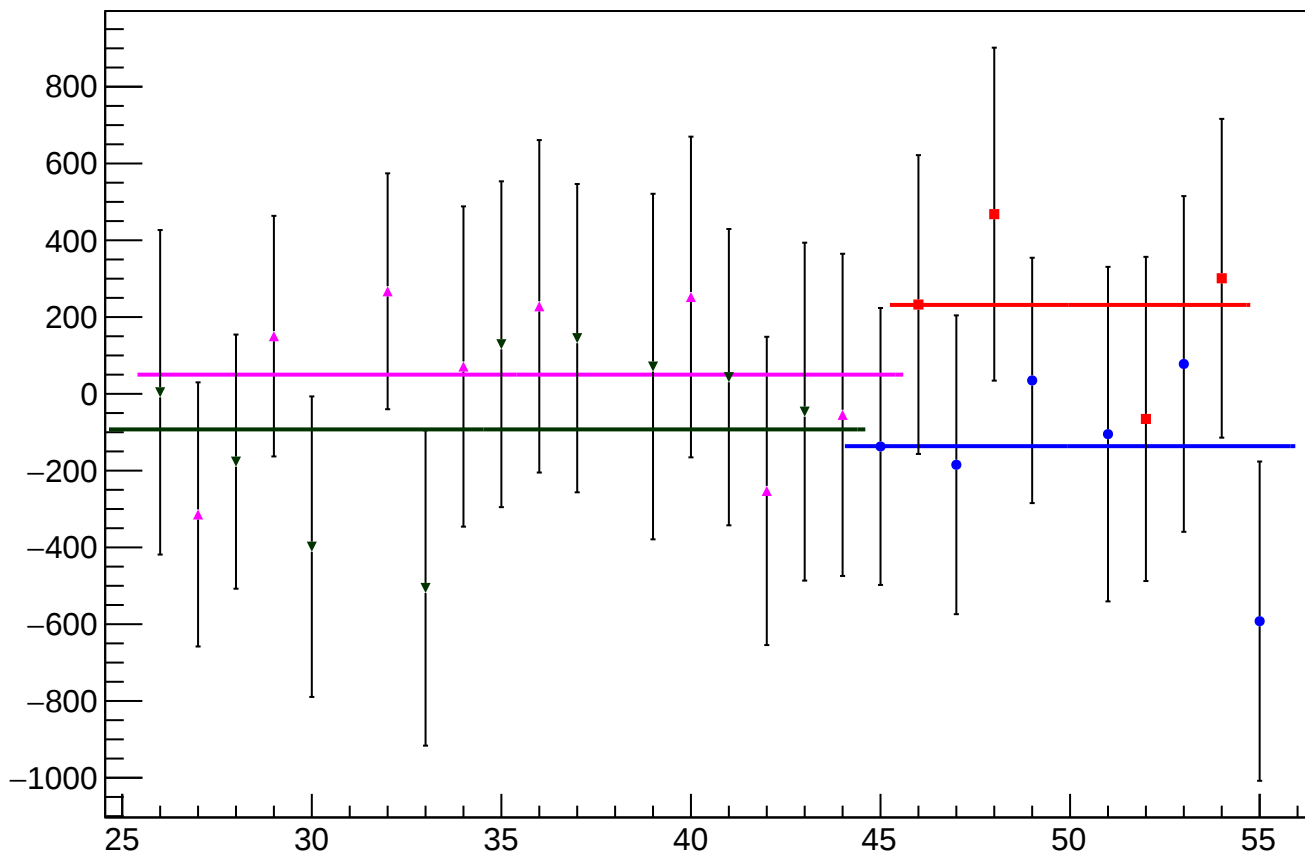
1707.311+/-0.427 χ^2 /NDF: 677883.1/14

Right Out: 1577.229+/-0.820 χ^2 /NDF: 279395.6/3

1601.023+/-0.432 χ^2 /NDF: 348666.9/11

Left In: 1610.194+/-0.509 χ^2 /NDF:68104.2/7

reg_asym_atr_dd_mean vs slug



Right In: -136.276+/-157.396 χ^2/NDF : 1.7/5

Left Out: -92.623+/-133.933 χ^2/NDF : 2.6/8

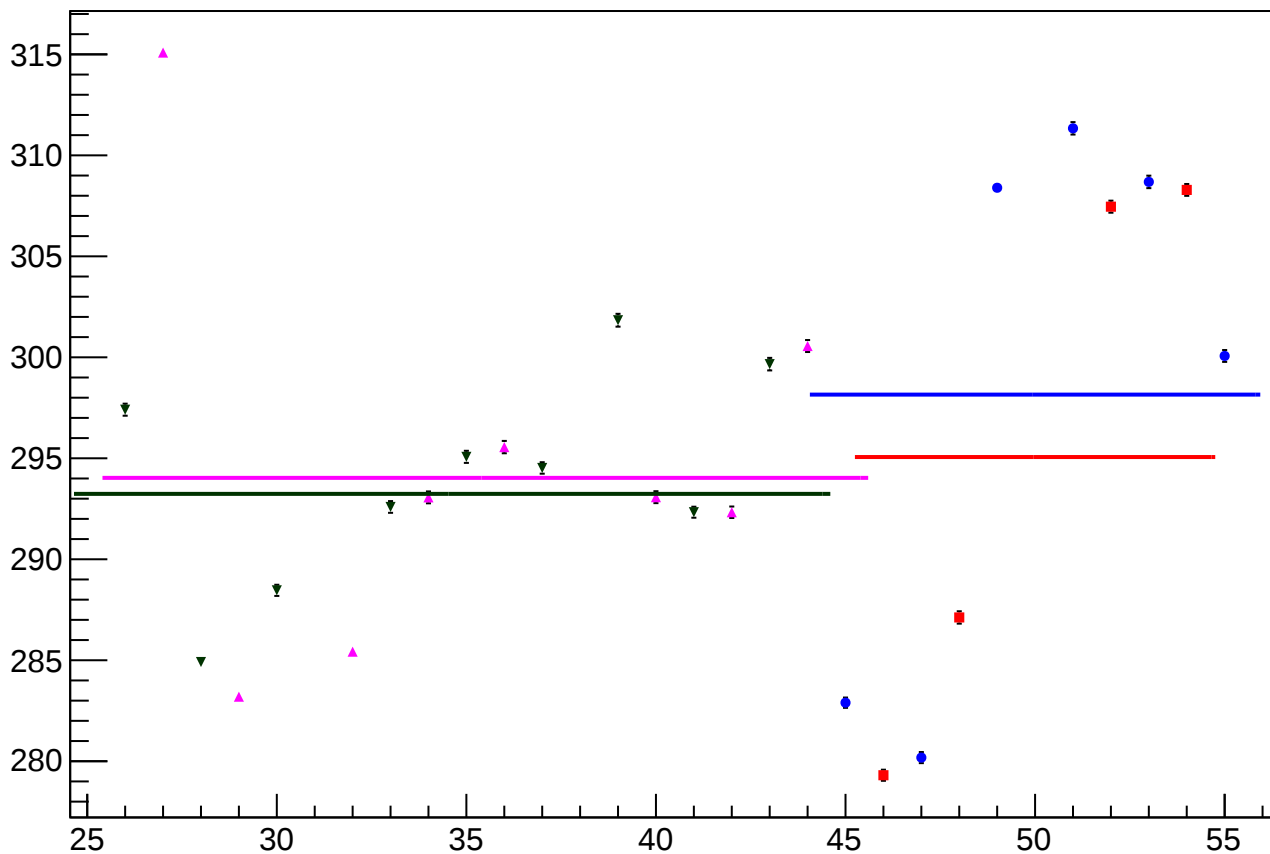
Right Out: 231.649+/-207.028 χ^2/NDF : 0.8/3

Left In: 50.044+/-131.389 χ^2/NDF : 2.8/7

-110.956+/-102.002 χ^2/NDF : 4.4/14

102.187+/-110.934 χ^2/NDF : 4.1/11

reg_asym_atr_dd_rms vs slug



Right In: 298.153+/-0.111 χ^2/NDF : 12932.3/5

Left Out: 293.238+/-0.095 χ^2/NDF : 2987.1/8

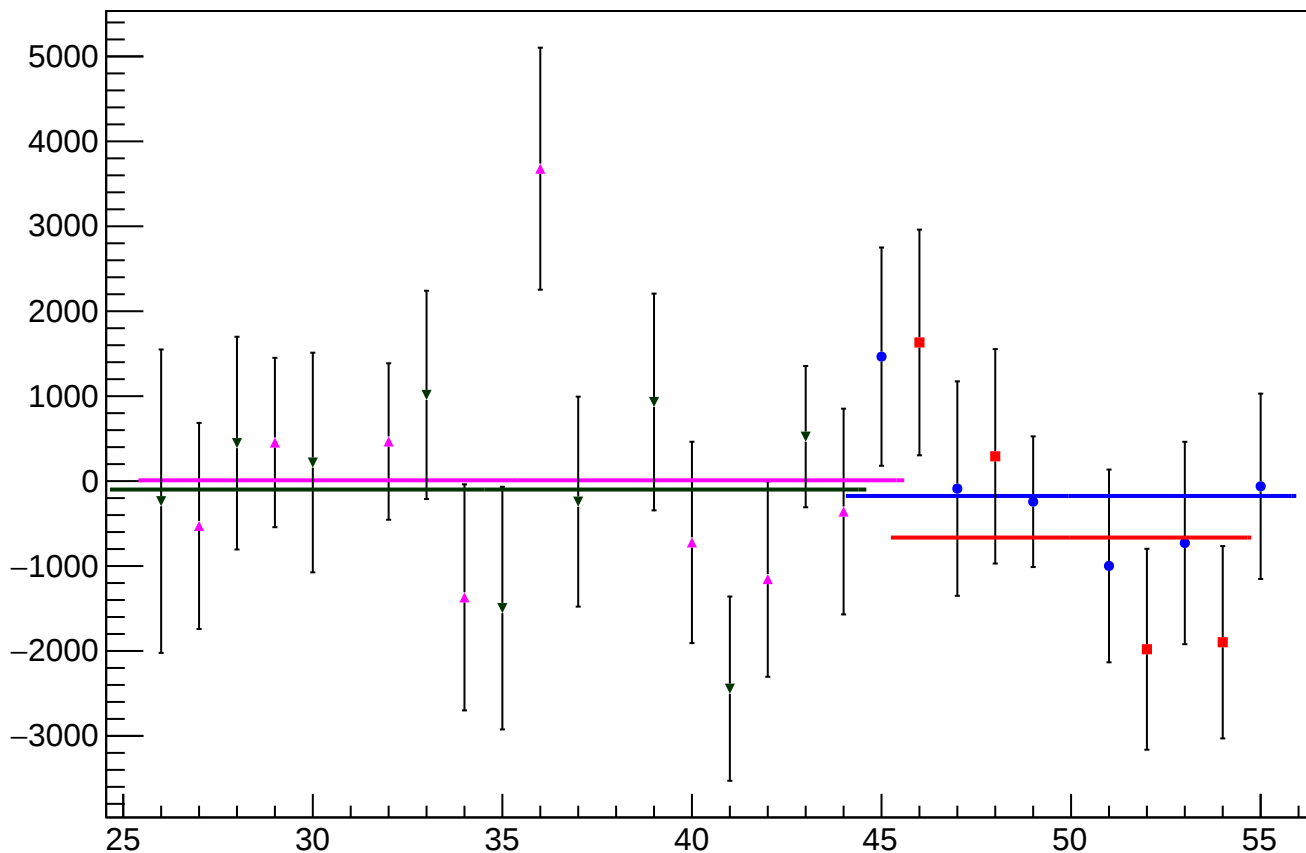
Right Out: 295.062+/-0.146 χ^2/NDF : 7702.8/3

Left In: 294.031+/-0.093 χ^2/NDF : 12021.0/7

295.302+/-0.072 χ^2/NDF : 17050.6/14

294.327+/-0.078 χ^2/NDF : 19759.2/11

asym_atr_dd_correction_mean vs slug



Right In: -175.114 ± 436.709 χ^2/NDF : 2.4/5

Left Out: -99.338 ± 399.387 χ^2/NDF : 7.9/8

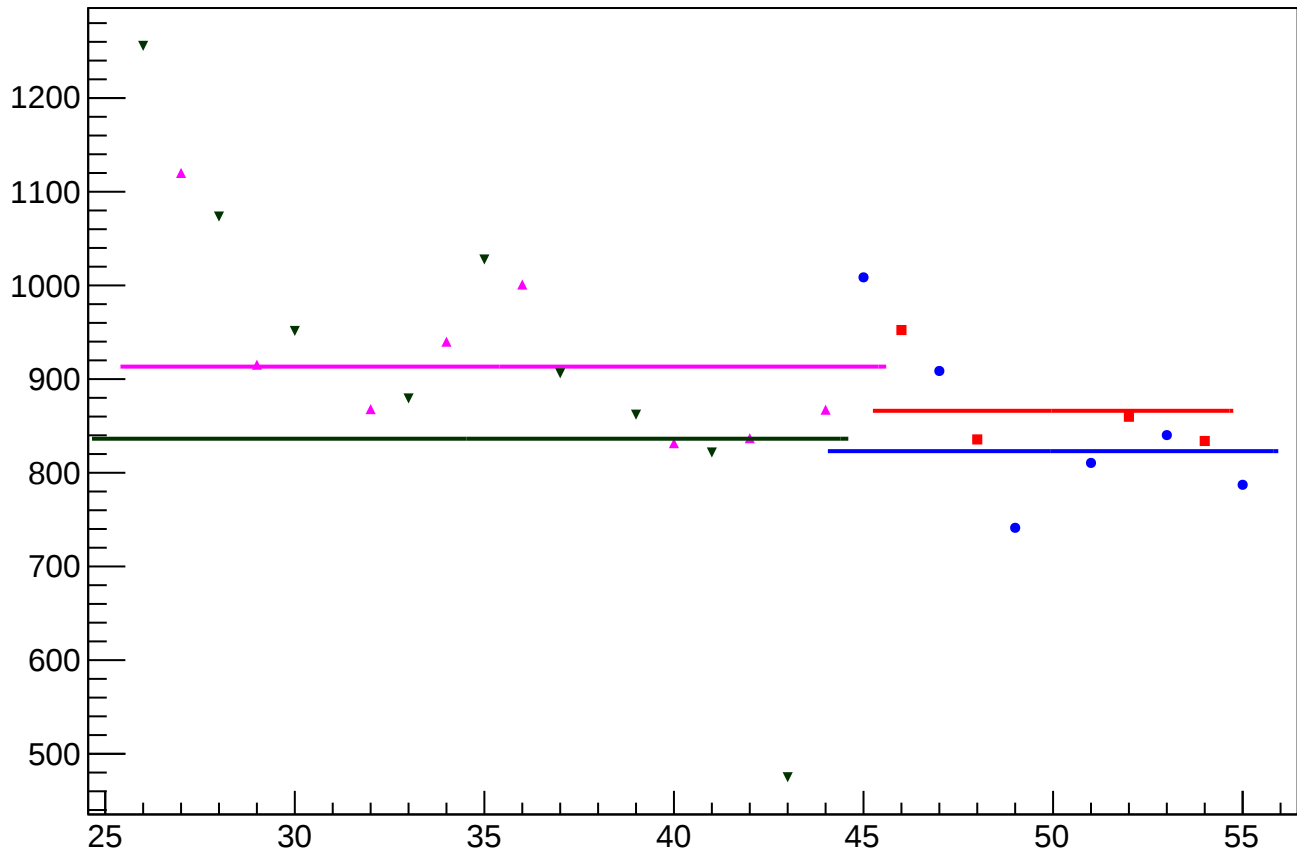
Right Out: -664.752 ± 609.825 χ^2/NDF : 6.0/3

Left In: 9.316 ± 405.898 χ^2/NDF : 9.8/7

-133.850 ± 294.722 χ^2/NDF : 10.3/14

-197.629 ± 337.894 χ^2/NDF : 16.7/11

asym_atr_dd_correction_rms vs slug



Right In: 823.089 ± 0.309 χ^2/NDF : 76320.6/5

Left Out: 836.361 ± 0.282 χ^2/NDF : 621502.5/8

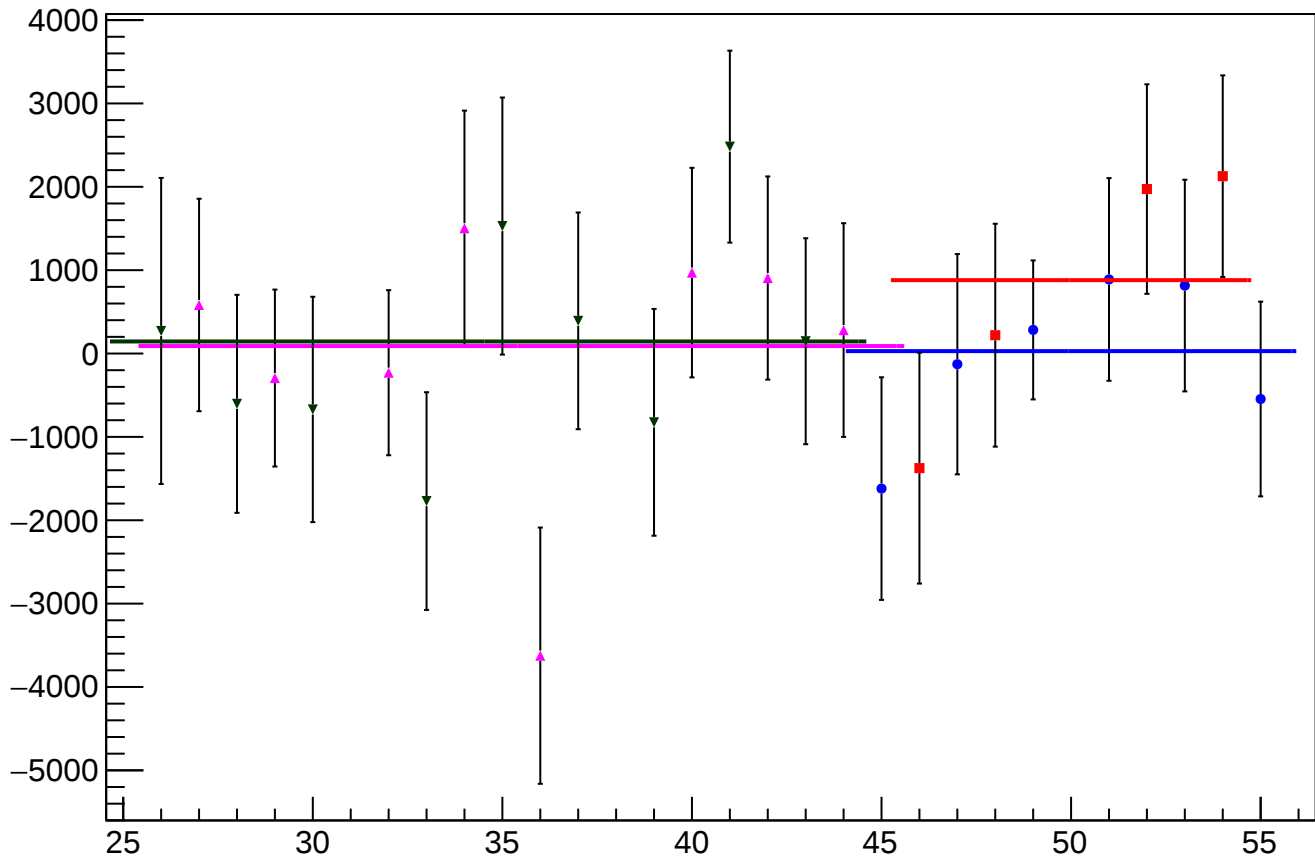
Right Out: 866.159 ± 0.431 χ^2/NDF : 11271.1/3

Left In: 913.324 ± 0.287 χ^2/NDF : 92509.5/7

830.317 ± 0.208 χ^2/NDF : 698829.0/14

898.844 ± 0.239 χ^2/NDF : 112071.1/11

asym_atr_dd_mean vs slug



Right In: 28.792 ± 466.160 $\chi^2/\text{NDF}: 2.8/5$

Left Out: 144.740 ± 448.245 $\chi^2/\text{NDF}: 8.3/8$

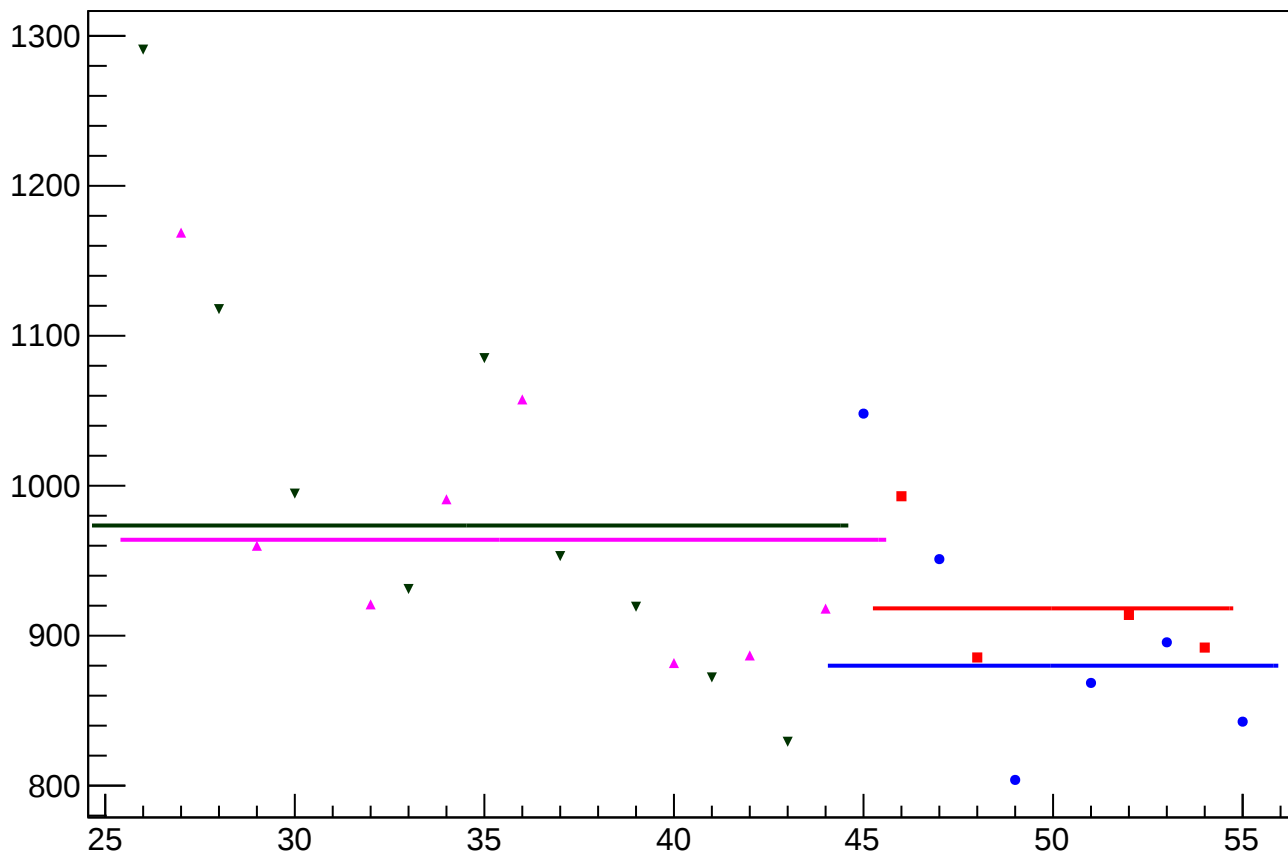
Right Out: 880.217 ± 645.804 $\chi^2/\text{NDF}: 4.7/3$

Left In: 89.559 ± 431.788 $\chi^2/\text{NDF}: 8.2/7$

89.037 ± 323.105 $\chi^2/\text{NDF}: 11.1/14$

333.818 ± 358.948 $\chi^2/\text{NDF}: 13.9/11$

asym_atr_dd_rms vs slug



Right In: 879.984 ± 0.330 χ^2/NDF : 56702.2/5

Left Out: 973.478 ± 0.317 χ^2/NDF : 143582.3/8

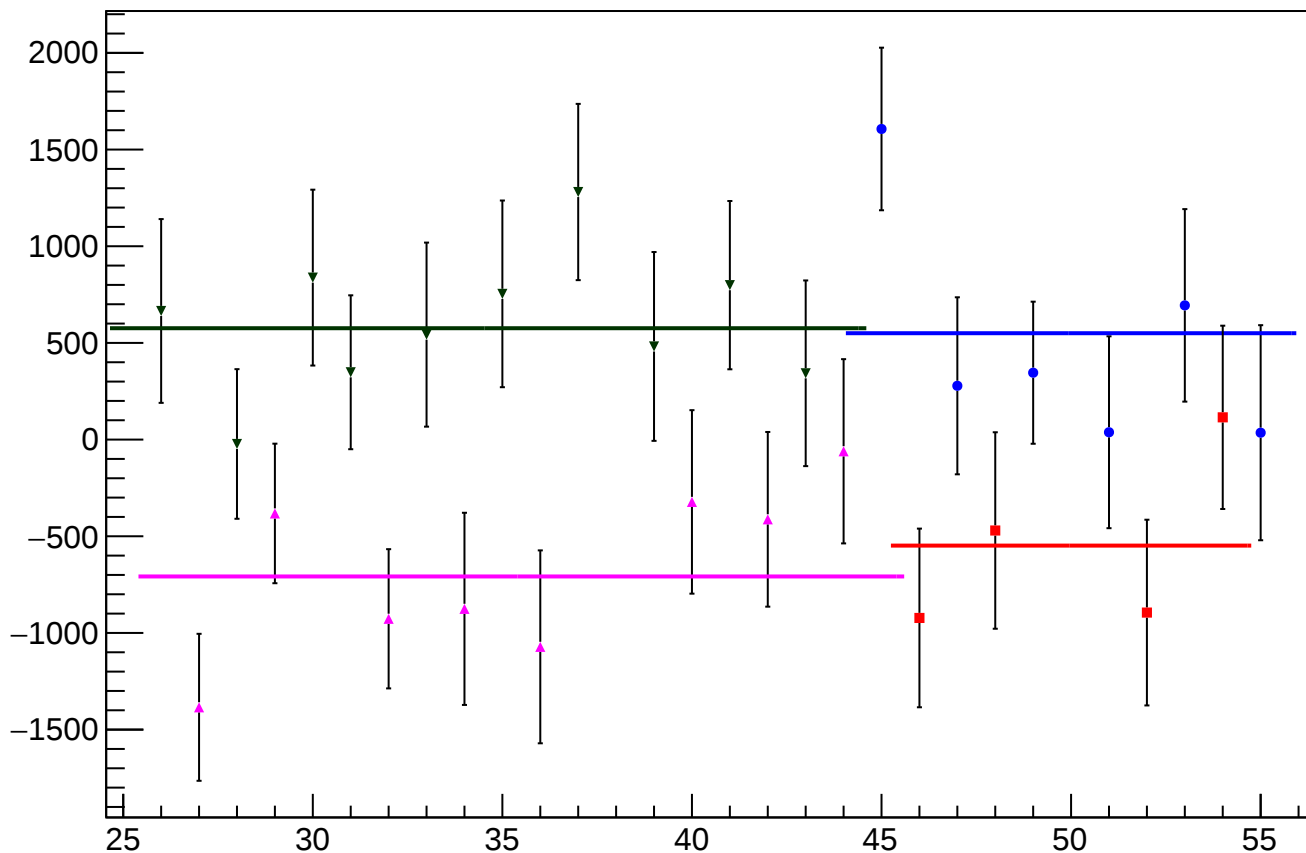
Right Out: 918.217 ± 0.457 χ^2/NDF : 7988.0/3

Left In: 963.964 ± 0.305 χ^2/NDF : 82771.8/7

928.562 ± 0.228 χ^2/NDF : 242085.1/14

949.832 ± 0.254 χ^2/NDF : 97695.5/11

reg_asym_at1_avg_mean vs slug



Right In: 550.186±185.172 χ^2/NDF : 9.0/5

Left Out: 575.997±142.011 χ^2/NDF : 6.2/9

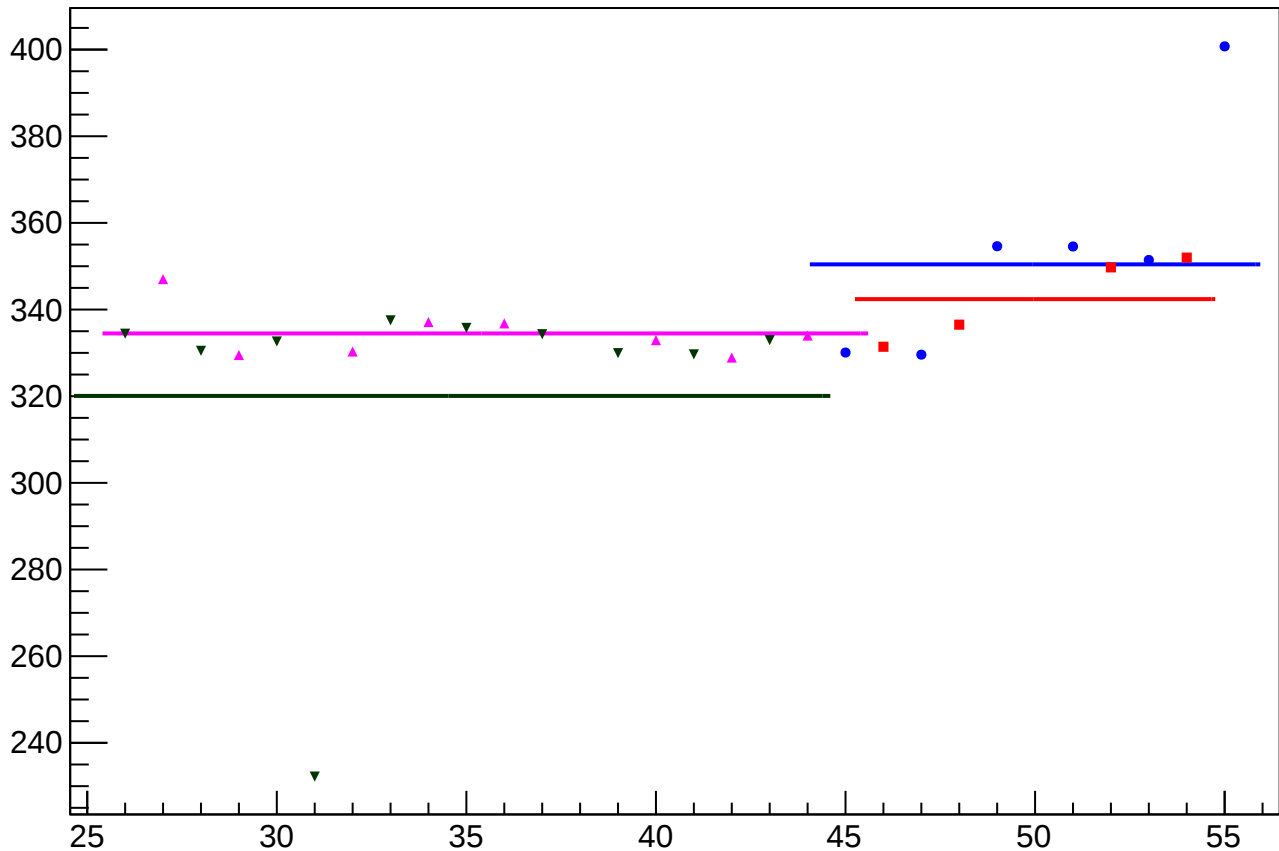
Right Out: -548.284±240.119 χ^2/NDF : 3.2/3

Left In: -707.882±150.536 χ^2/NDF : 7.9/7

566.438±112.687 χ^2/NDF : 15.1/15

-662.853±127.544 χ^2/NDF : 11.4/11

reg_asym_at1_avg_rms vs slug



Right In: 350.429 ± 0.131 $\chi^2/\text{NDF}: 25601.0/5$

Left Out: 320.067 ± 0.100 $\chi^2/\text{NDF}: 112253.2/9$

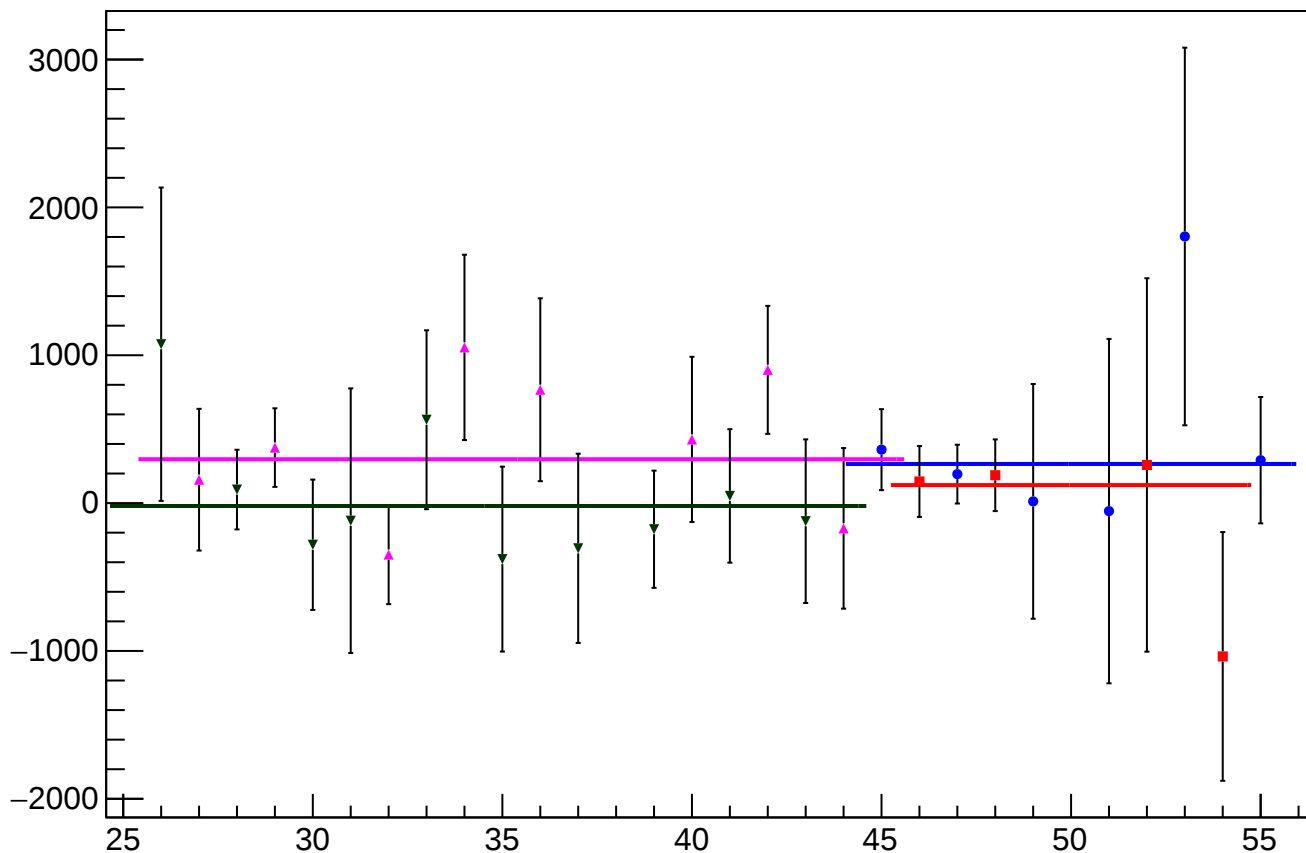
Right Out: 342.410 ± 0.170 $\chi^2/\text{NDF}: 2683.9/3$

Left In: 334.490 ± 0.106 $\chi^2/\text{NDF}: 3253.4/7$

331.311 ± 0.080 $\chi^2/\text{NDF}: 171710.4/15$

336.725 ± 0.090 $\chi^2/\text{NDF}: 7499.4/11$

asym_at1_avg_correction_mean vs slug



Right In: 264.647 $\pm$ 145.736 χ^2 /NDF: 1.9/5

Left Out: -19.517 $\pm$ 151.896 χ^2 /NDF:3.3/9

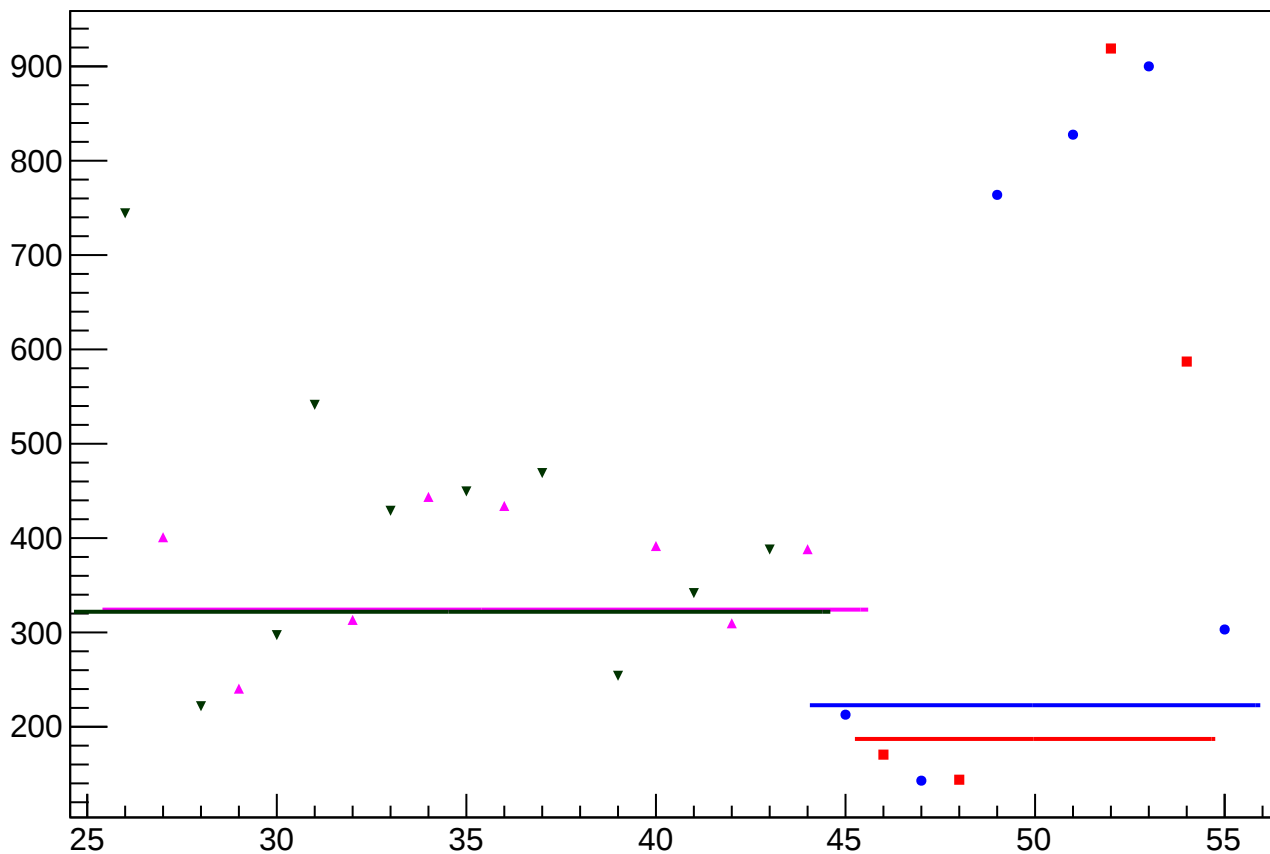
Right Out: 121.828 $\pm$ 165.625 χ^2 /NDF: 2.0/3

Left In: 296.652 $\pm$ 149.919 χ^2 /NDF:8.7/7

128.444 $\pm$ 105.161 χ^2 /NDF: 7.0/15

217.920 $\pm$ 111.147 χ^2 /NDF: 11.3/11

asym_at1_avg_correction_rms vs slug



Right In: 222.850+/-0.103 χ^2/NDF : 2427532.7/5

Left Out: 321.920+/-0.107 χ^2/NDF :1062719.8/9

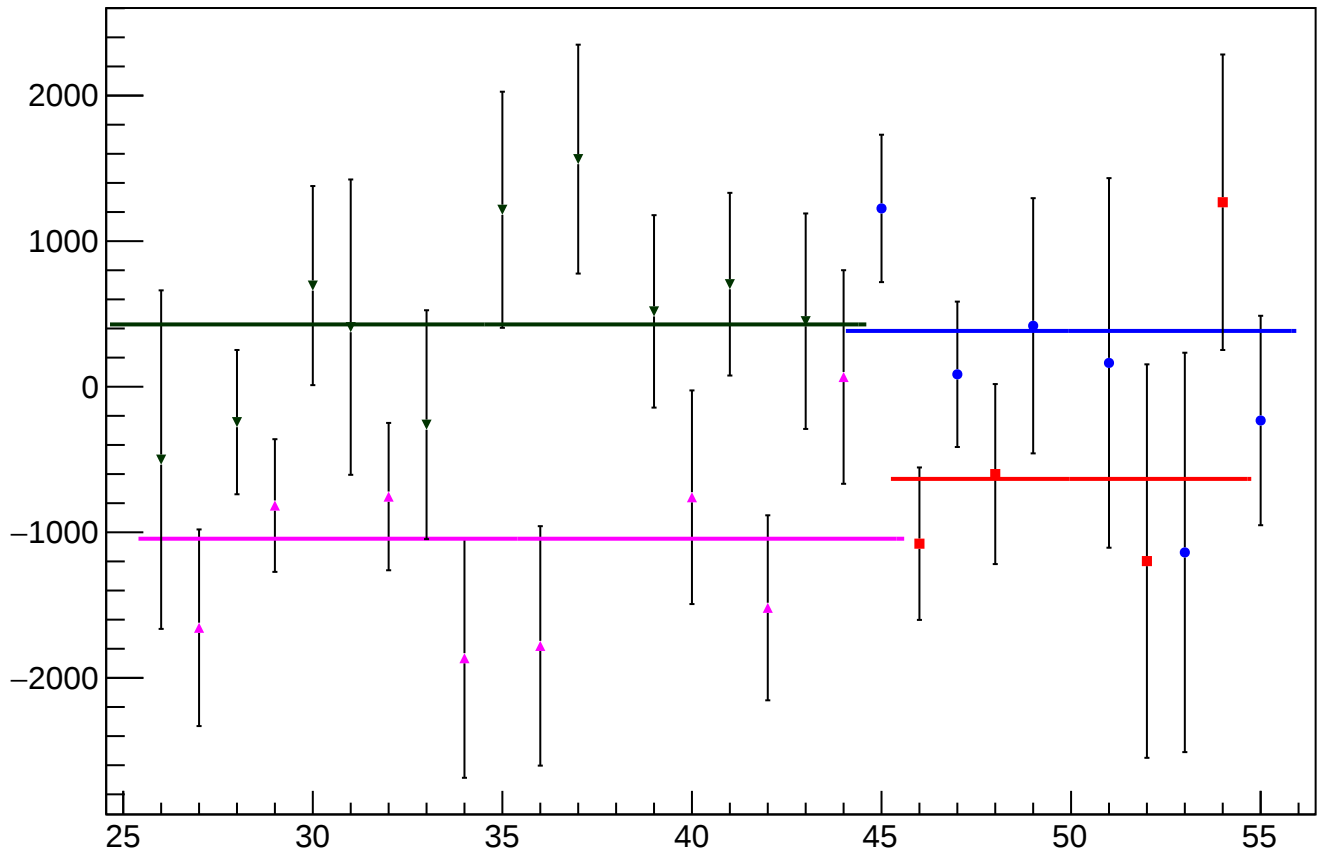
Right Out: 187.106+/-0.117 χ^2/NDF : 1197109.2/3

Left In: 324.181+/-0.106 χ^2/NDF :446819.9/7

270.335+/-0.074 χ^2/NDF : 3933243.4/15

262.450+/-0.079 χ^2/NDF : 2396917.6/11

asym_at1_avg_mean vs slug



Right In: 383.315 $\pm$ 285.164 χ^2/NDF : 5.1/5

Left Out: 427.989 $\pm$ 227.432 χ^2/NDF : 6.6/9

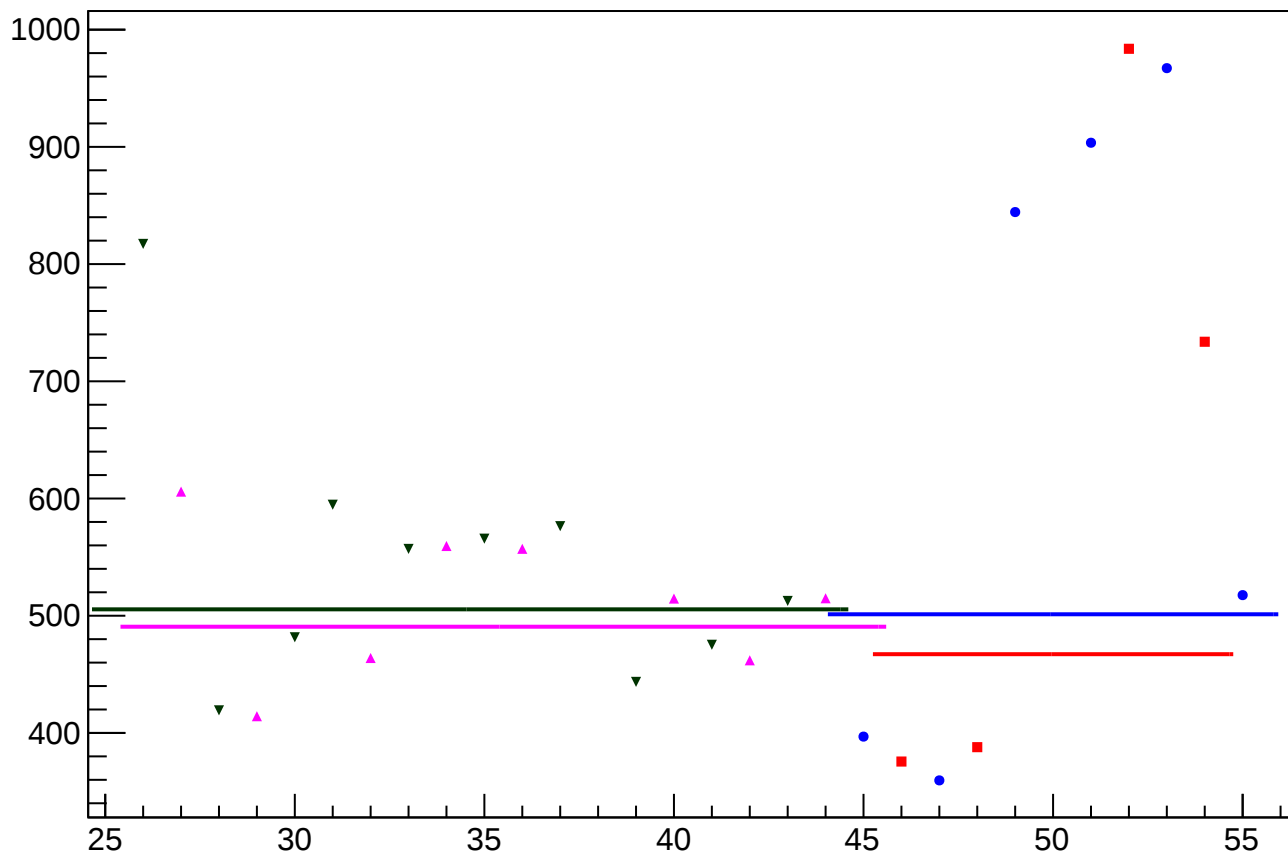
Right Out: -633.191 $\pm$ 358.498 χ^2/NDF : 4.4/3

Left In: -1044.099 $\pm$ 223.260 χ^2/NDF : 6.2/7

410.621 $\pm$ 177.807 χ^2/NDF : 11.8/15

-929.269 $\pm$ 189.514 χ^2/NDF : 11.6/11

asym_at1_avg_rms vs slug



Right In: 501.236+/-0.202 χ^2/NDF : 985190.9/5

Left Out: 505.449+/-0.161 χ^2/NDF :280469.5/9

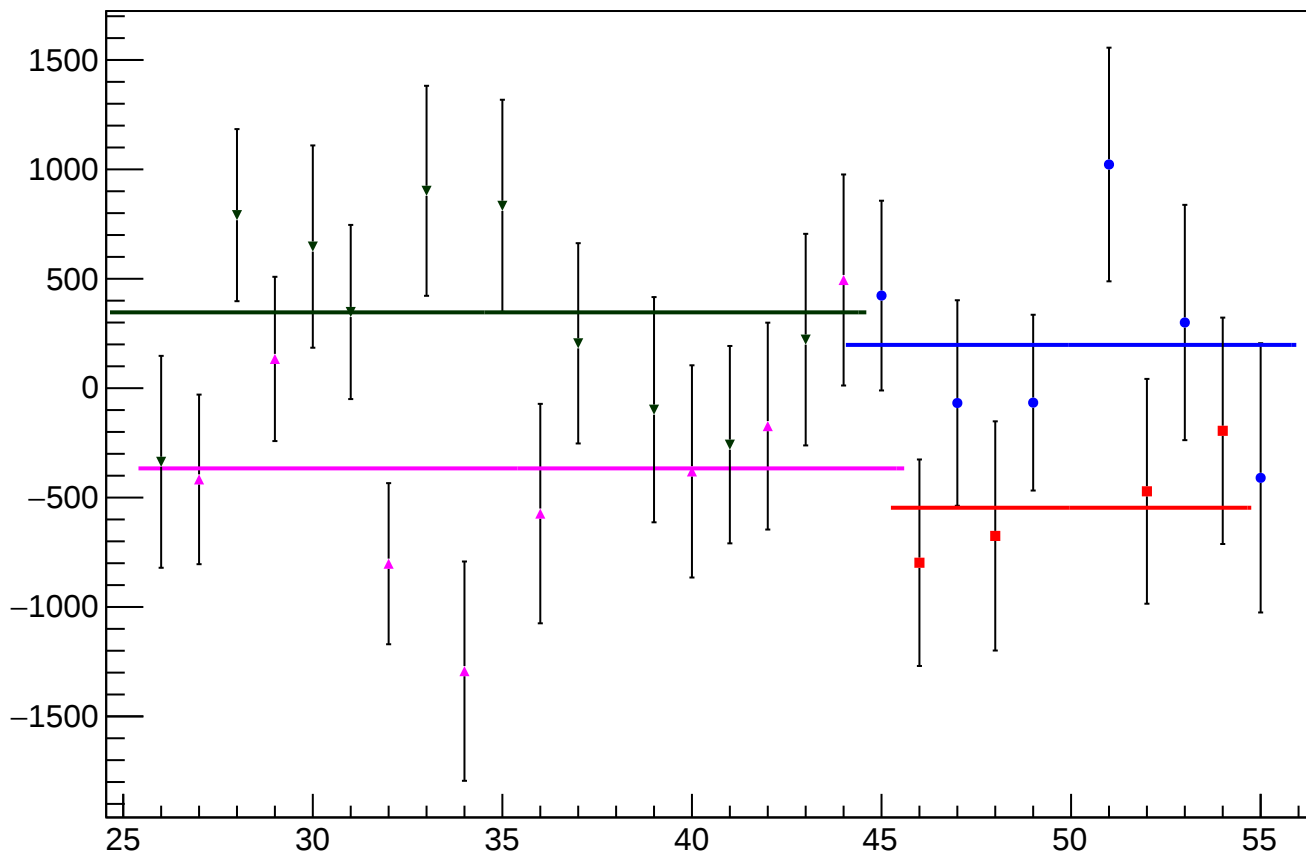
Right Out: 467.187+/-0.253 χ^2/NDF : 524119.3/3

Left In: 490.626+/-0.158 χ^2/NDF :155474.2/7

503.811+/-0.126 χ^2/NDF : 1265927.1/15

484.076+/-0.134 χ^2/NDF : 685753.3/11

reg_asym_at1_dd_mean vs slug



Right In: 197.802 $\pm$ 197.417 χ^2/NDF : 4.4/5

Left Out: 346.550 $\pm$ 144.244 χ^2/NDF : 8.7/9

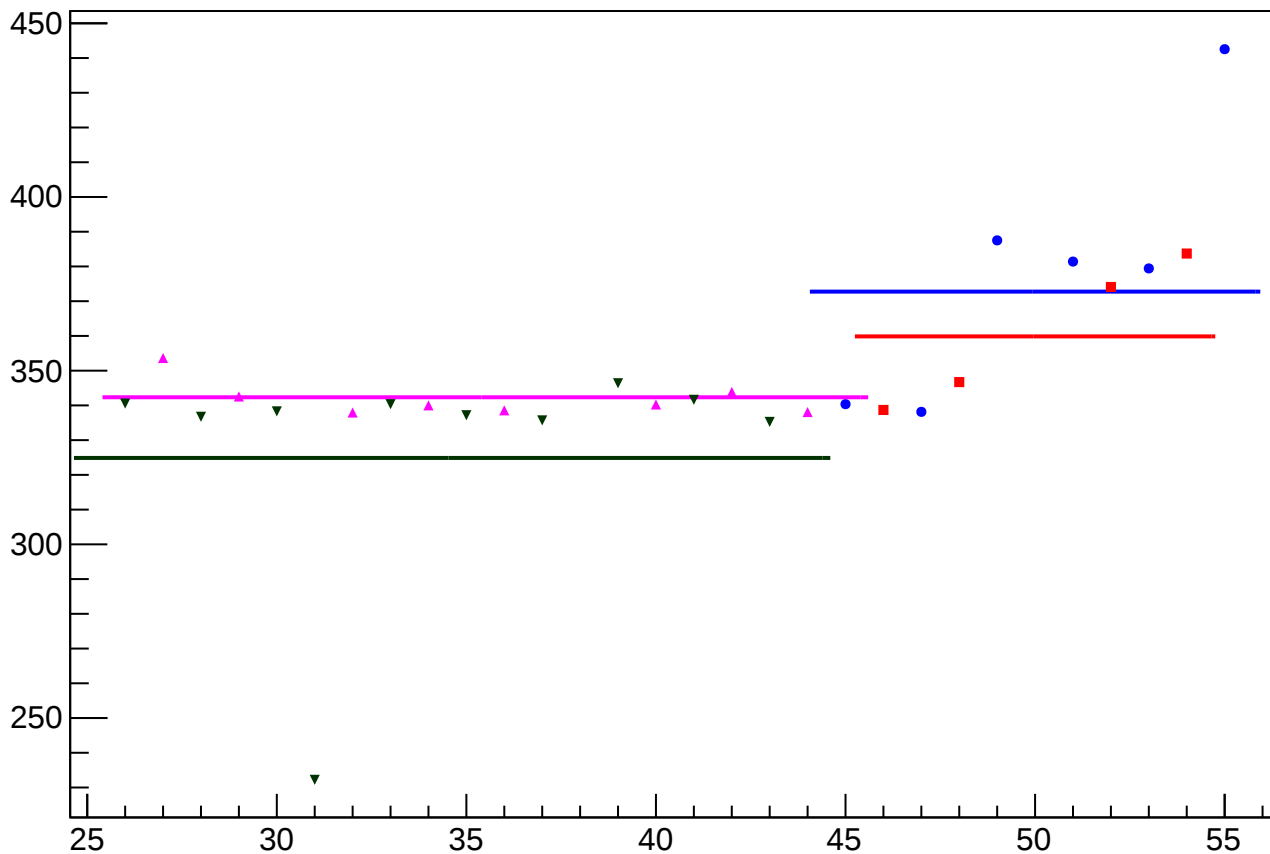
Right Out: -546.436 $\pm$ 252.691 χ^2/NDF : 0.8/3

Left In: -366.596 $\pm$ 154.091 χ^2/NDF : 10.1/7

294.778 $\pm$ 116.467 χ^2/NDF : 13.5/15

-415.344 $\pm$ 131.560 χ^2/NDF : 11.3/11

reg_asym_at1_dd_rms vs slug



Right In: 372.756+/-0.140 χ^2/NDF : 51290.8/5

Left Out: 324.874+/-0.102 χ^2/NDF :125663.8/9

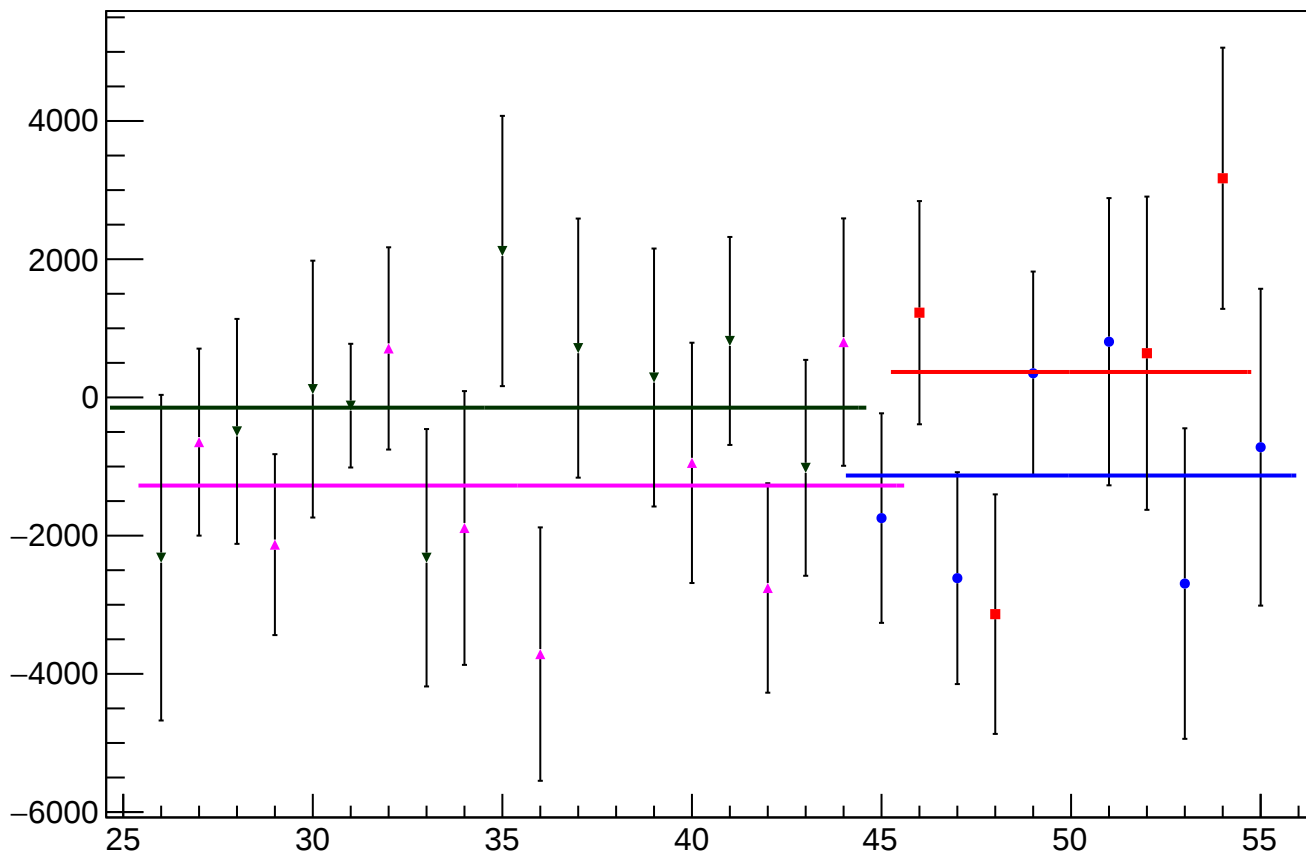
Right Out: 359.863+/-0.179 χ^2/NDF : 11073.1/3

Left In: 342.341+/-0.109 χ^2/NDF :2355.7/7

341.539+/-0.082 χ^2/NDF : 253657.1/15

347.091+/-0.093 χ^2/NDF : 20438.6/11

asym_at1_dd_correction_mean vs slug



Right In: -1130.077+/-717.540 χ^2/NDF : 3.5/5

Left Out: -148.157+/-495.767 χ^2/NDF : 4.6/9

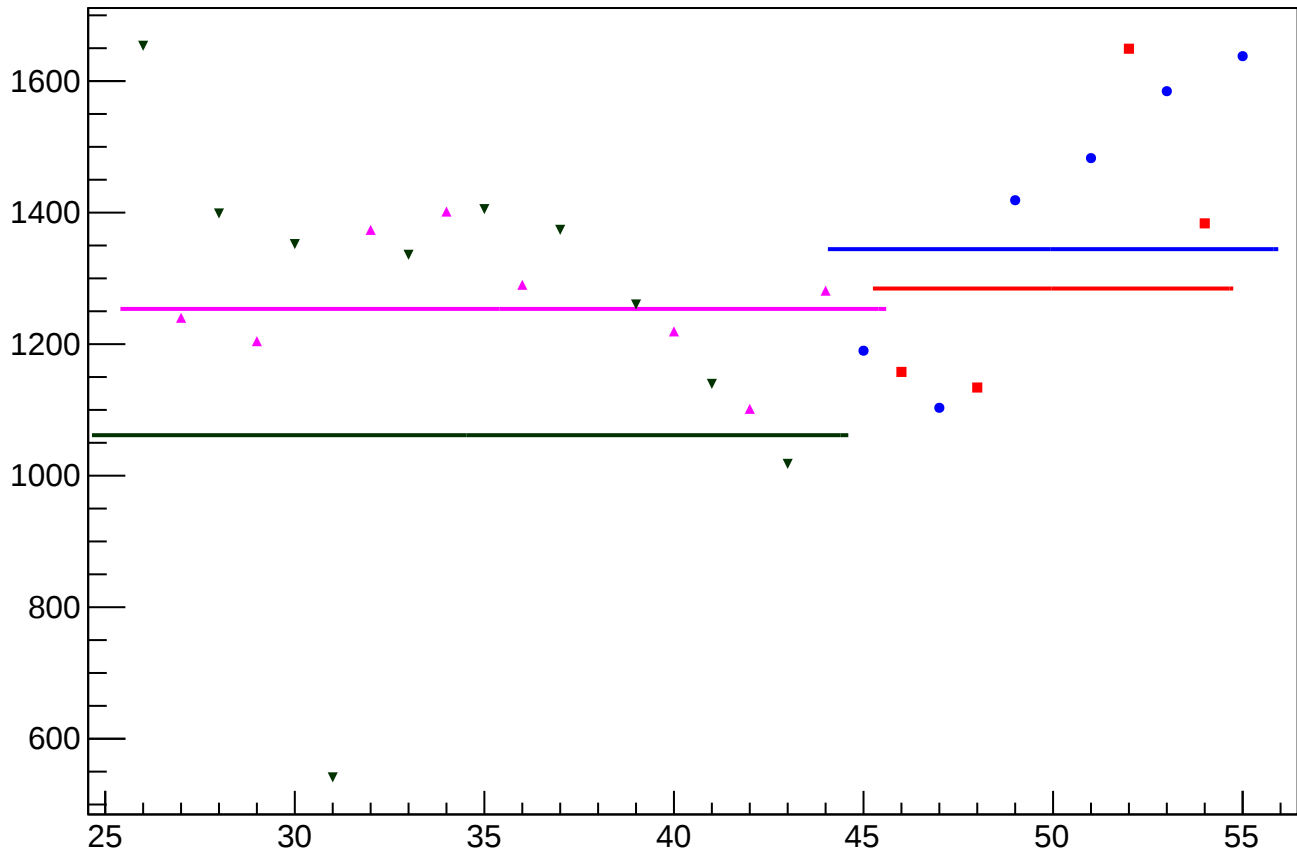
Right Out: 368.244+/-916.293 χ^2/NDF : 6.6/3

Left In: -1275.202+/-556.603 χ^2/NDF : 6.7/7

-465.441+/-407.879 χ^2/NDF : 9.4/15

-832.231+/-475.712 χ^2/NDF : 15.6/11

asym_at1_dd_correction_rms vs slug



Right In: 1344.451+/-0.507 χ^2/NDF : 139898.7/5

Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

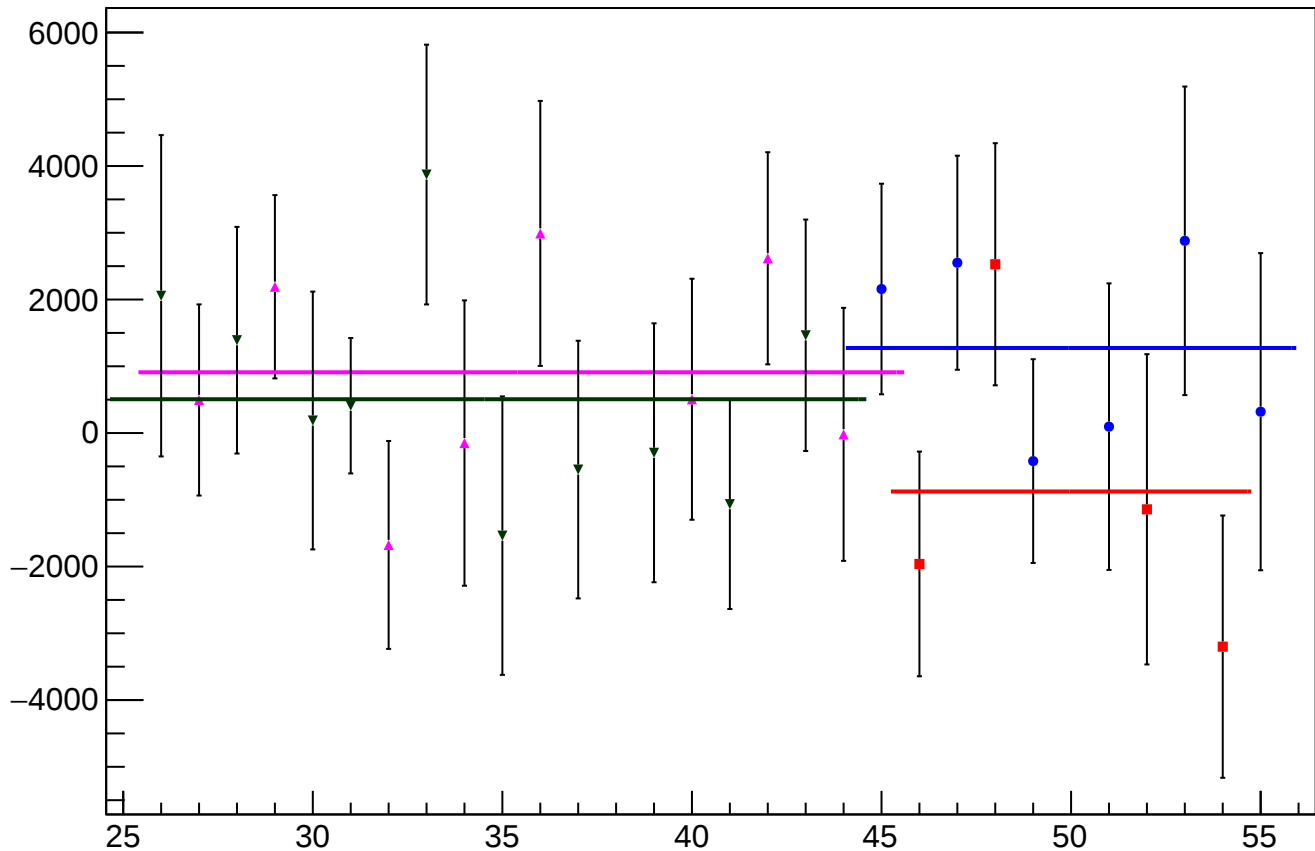
1152.977+/-0.288 χ^2/NDF : 1477622.3/15

Right Out: 1284.576+/-0.648 χ^2/NDF : 84689.6/3

1261.929+/-0.336 χ^2/NDF : 136193.4/11

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

asym_at1_dd_mean vs slug



Right In: 1274.270 ± 744.983 χ^2/NDF : 3.1/5

Left Out: 506.383 ± 532.571 χ^2/NDF : 6.4/9

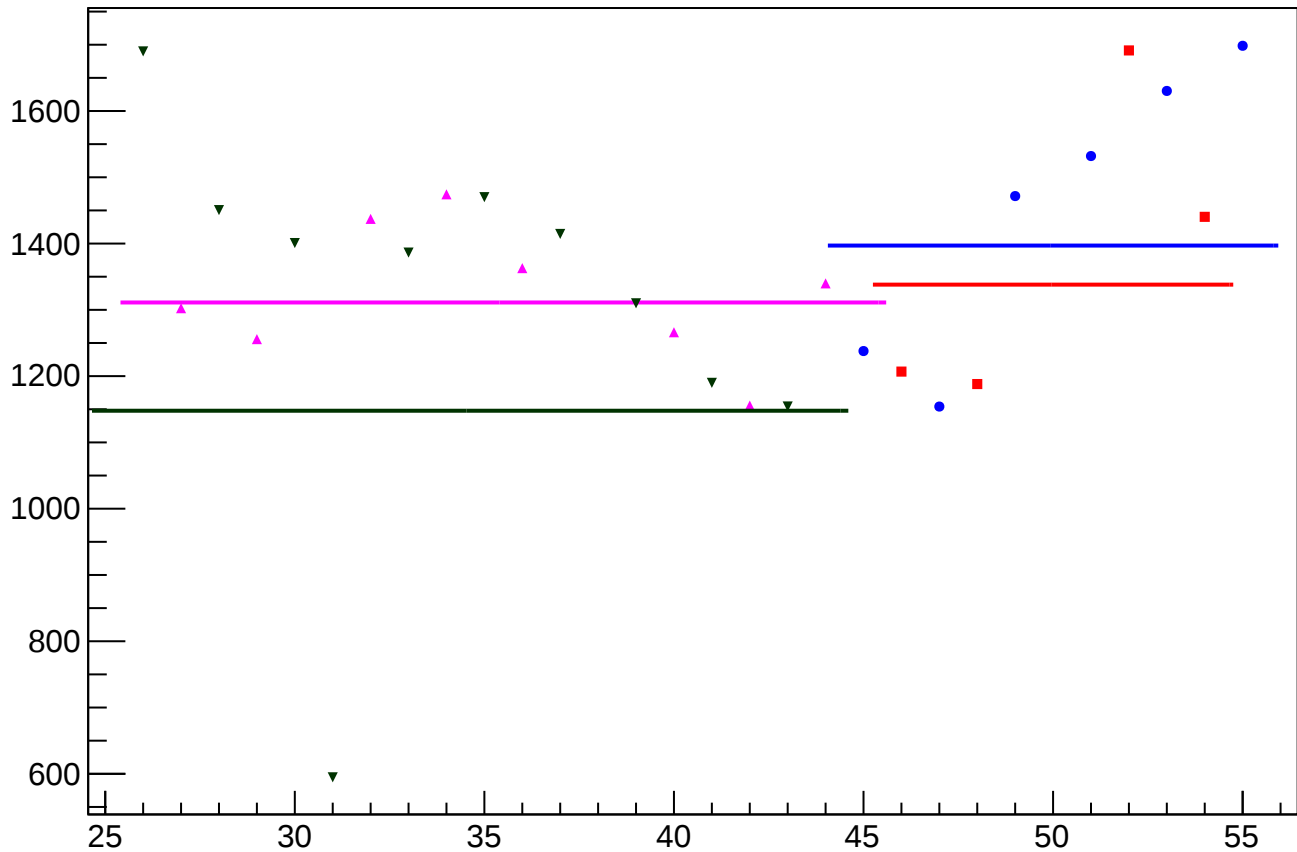
Right Out: -875.401 ± 952.908 χ^2/NDF : 5.4/3

Left In: 910.298 ± 588.767 χ^2/NDF : 6.5/7

766.089 ± 433.250 χ^2/NDF : 10.3/15

416.940 ± 500.873 χ^2/NDF : 14.4/11

asym_at1_dd_rms vs slug



Right In: 1396.984+/-0.527 χ^2/NDF : 131548.2/5

Left Out: 1147.792+/-0.377 χ^2/NDF : 925332.5/9

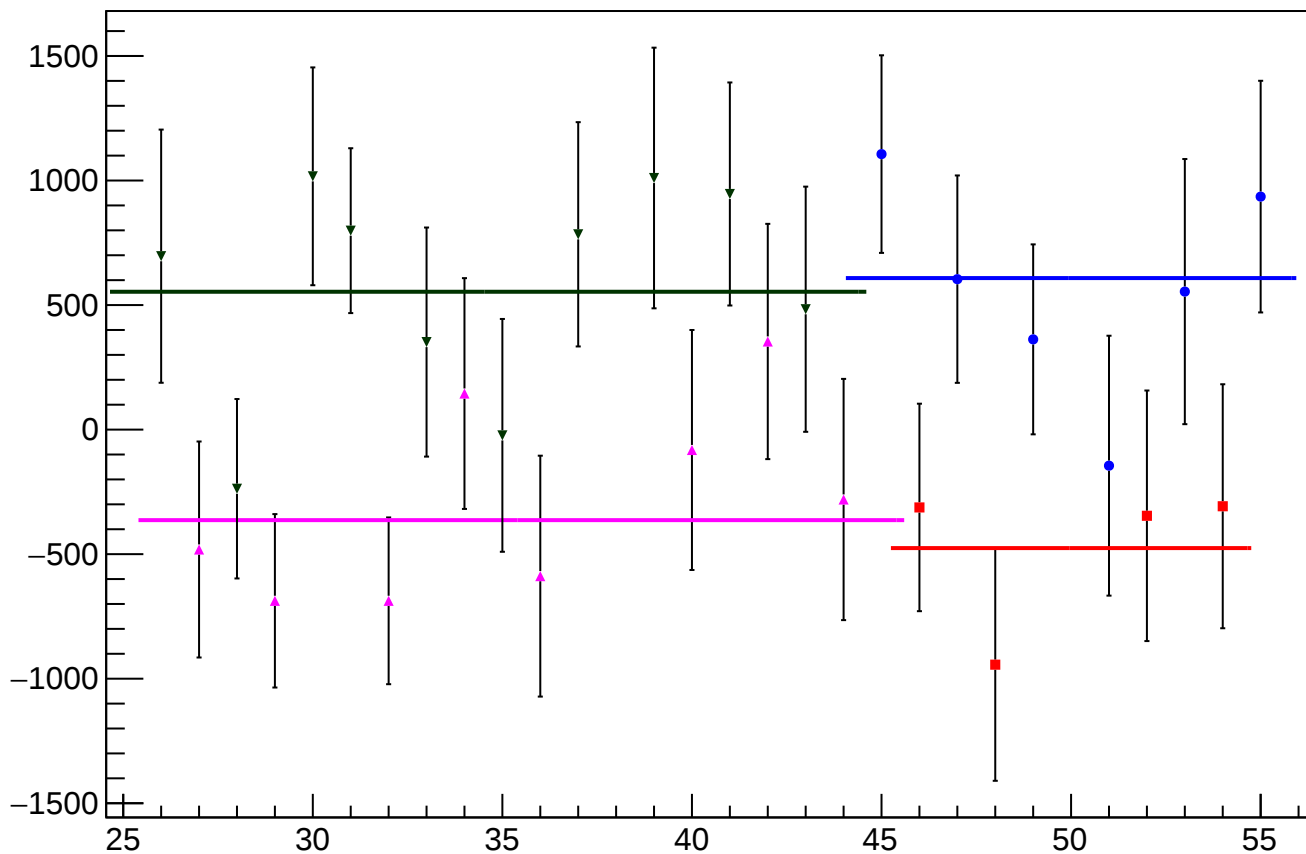
Right Out: 1338.043+/-0.674 χ^2/NDF : 77483.5/3

Left In: 1311.120+/-0.416 χ^2/NDF : 50316.6/7

1232.071+/-0.306 χ^2/NDF : 1204970.9/15

1318.558+/-0.354 χ^2/NDF : 128955.5/11

reg_asym_at2_avg_mean vs slug



Right In: 608.365 $\pm$ 180.098 χ^2 /NDF: 4.6/5

Left Out: 553.456 $\pm$ 137.422 χ^2 /NDF:10.1/9

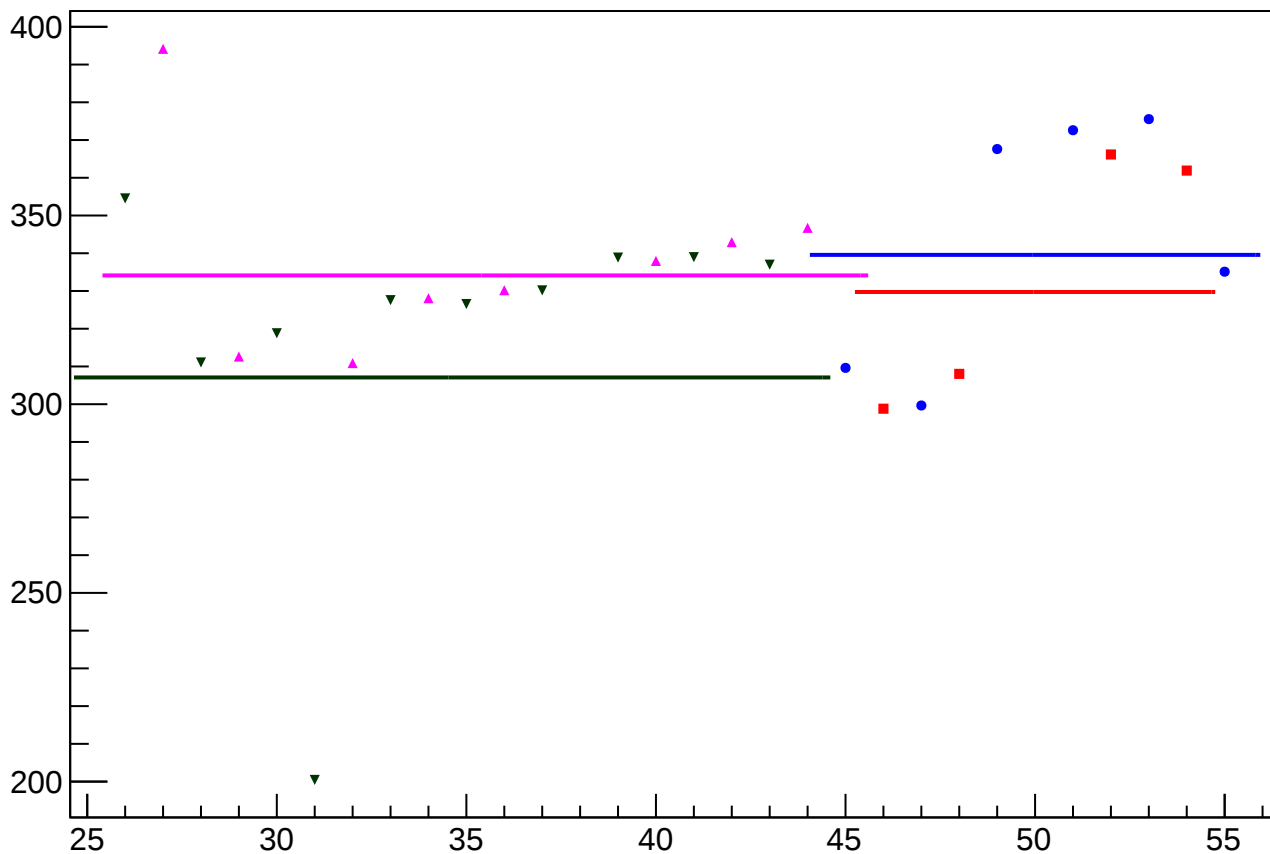
Right Out: -475.673 $\pm$ 232.575 χ^2 /NDF: 1.3/3

Left In: -363.466 $\pm$ 149.927 χ^2 /NDF:6.0/7

573.662 $\pm$ 109.250 χ^2 /NDF: 14.7/15

-396.406 $\pm$ 126.013 χ^2 /NDF: 7.5/11

reg_asym_at2_avg_rms vs slug



Right In: 339.569 ± 0.127 χ^2/NDF : 57930.2/5

Left Out: 307.088 ± 0.097 χ^2/NDF : 264389.0/9

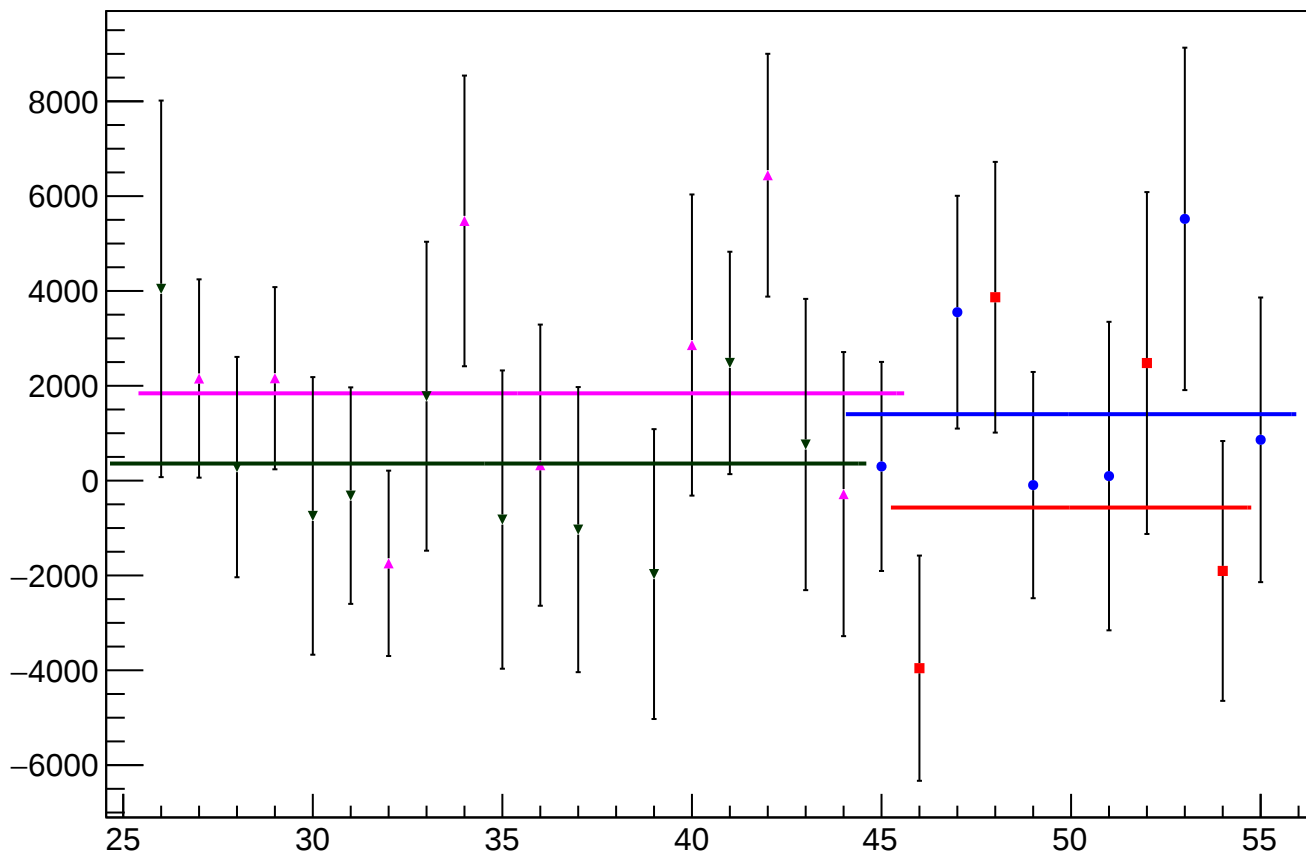
Right Out: 329.737 ± 0.164 χ^2/NDF : 34486.7/3

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

319.040 ± 0.077 χ^2/NDF : 363435.2/15

332.833 ± 0.089 χ^2/NDF : 93250.2/11

asym_at2_avg_correction_mean vs slug



Right In: 1401.337+/-1097.956 χ^2/NDF : 2.9/5

Left Out: 360.394+/-891.597 χ^2/NDF : 3.1/9

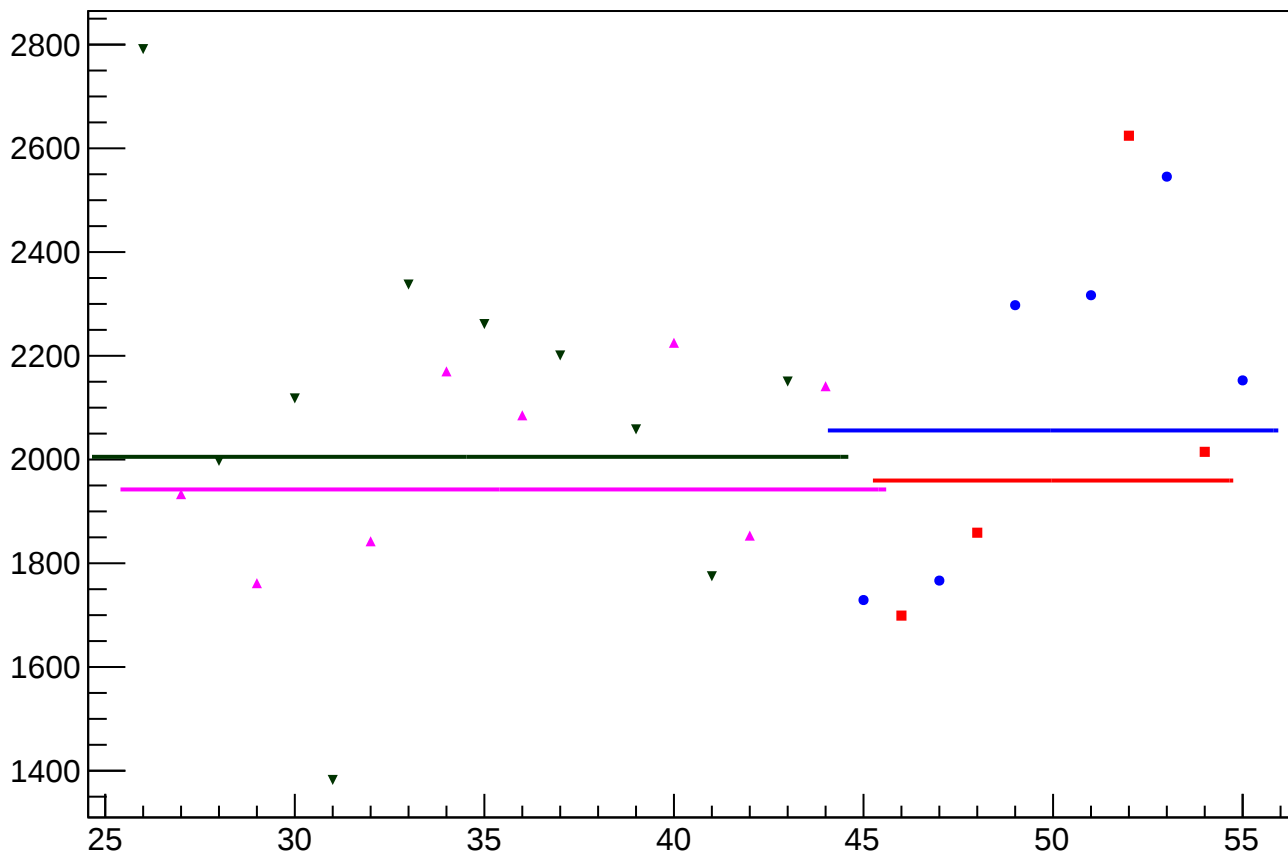
Right Out: -567.686+/-1400.114 χ^2/NDF : 5.4/3

Left In: 1841.139+/-862.403 χ^2/NDF : 8.9/7

774.047+/-692.133 χ^2/NDF : 6.5/15

1178.602+/-734.287 χ^2/NDF : 16.5/11

asym_at2_avg_correction_rms vs slug



Right In: 2056.071+/-0.776 χ^2/NDF : 143931.3/5

Left Out: 2005.233+/-0.630 χ^2/NDF : 297094.3/9

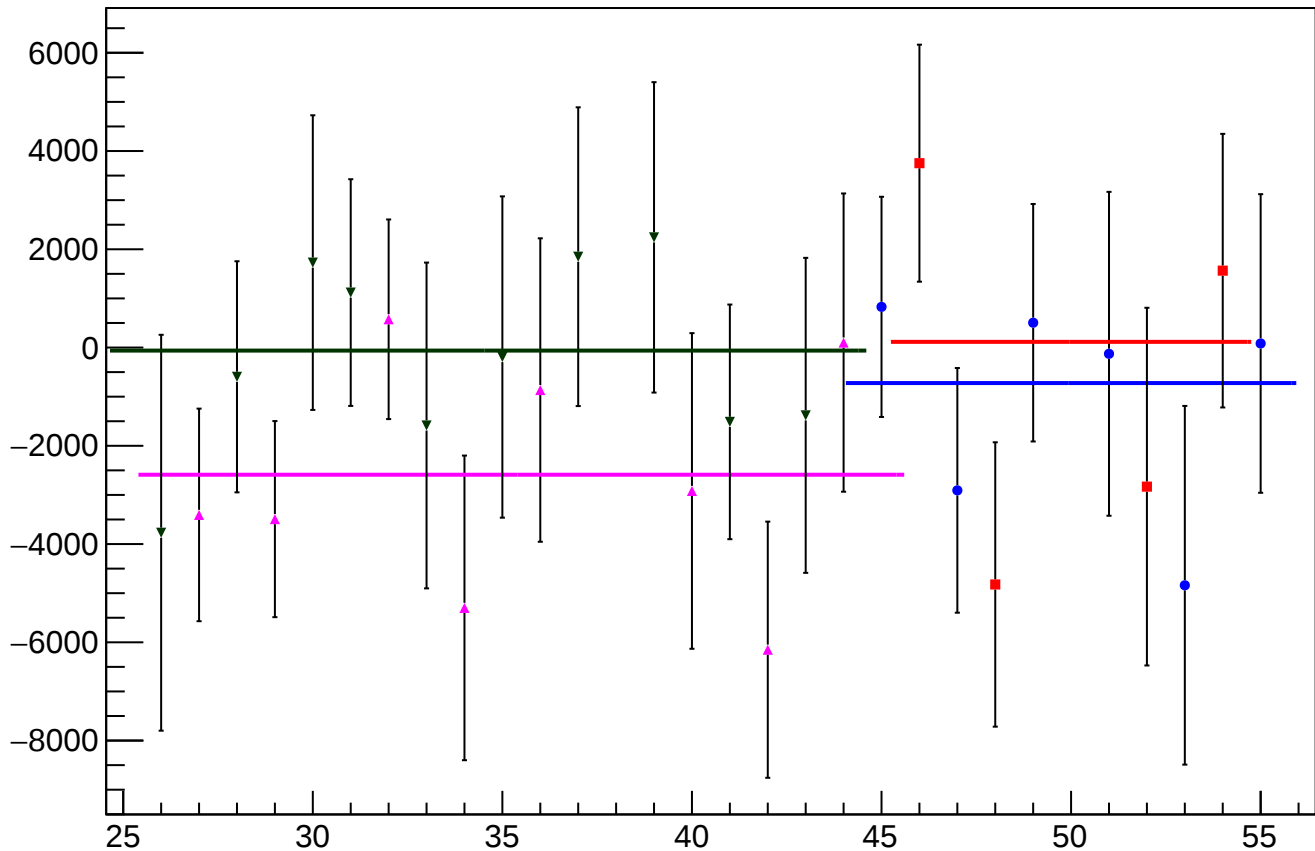
Right Out: 1959.519+/-0.990 χ^2/NDF : 95342.9/3

Left In: 1942.323+/-0.610 χ^2/NDF : 65741.6/7

2025.435+/-0.489 χ^2/NDF : 443609.5/15

1947.053+/-0.519 χ^2/NDF : 161303.2/11

asym_at2_avg_mean vs slug



Right In: -722.958+/-1113.215 χ^2/NDF : 2.9/5

Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

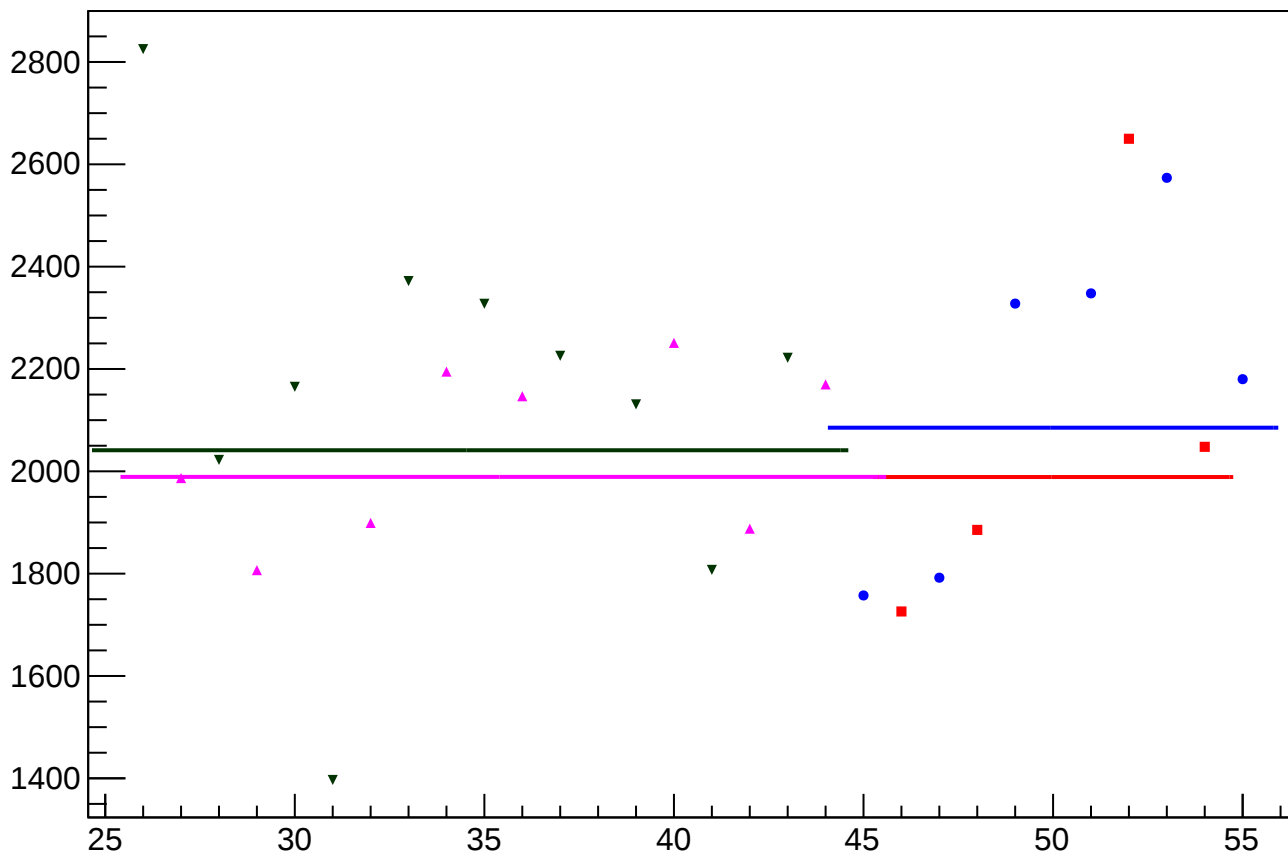
-326.790+/-704.665 χ^2/NDF : 6.3/15

Right Out: 115.695+/-1420.359 χ^2/NDF : 6.1/3

-1829.024+/-752.899 χ^2/NDF : 15.2/11

Left In: -2588.988+/-887.904 χ^2/NDF : 6.5/7

asym_at2_avg_rms vs slug



Right In: 2085.267+/-0.787 χ^2/NDF : 141104.7/5

Left Out: 2041.174+/-0.644 χ^2/NDF : 305006.8/9

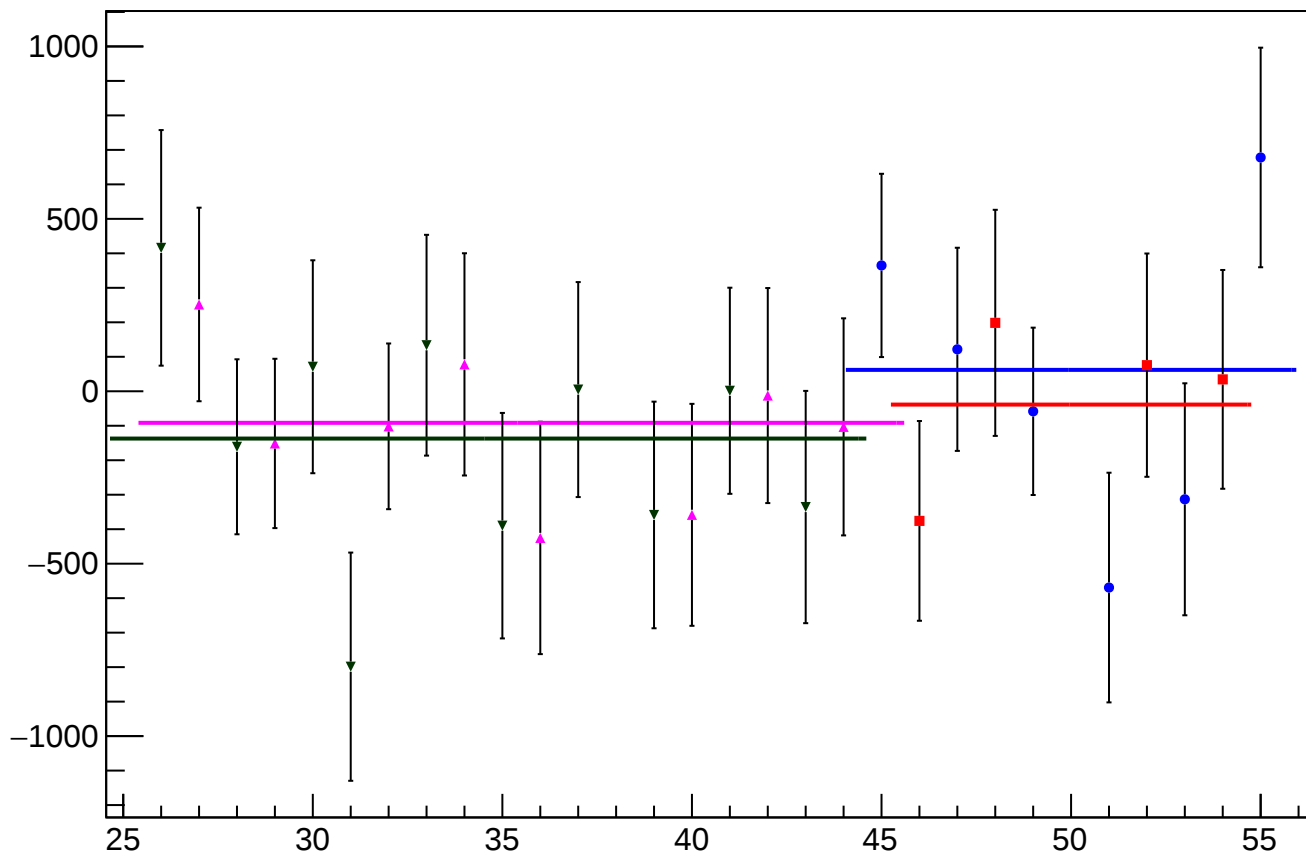
Right Out: 1988.840+/-1.004 χ^2/NDF : 93128.9/3

Left In: 1989.103+/-0.628 χ^2/NDF : 58029.8/7

2058.842+/-0.498 χ^2/NDF : 447992.0/15

1989.029+/-0.532 χ^2/NDF : 151158.8/11

reg_asym_at2_dd_mean vs slug



Right In: 62.051 ± 119.195 $\chi^2/\text{NDF}: 10.2/5$

Left Out: -137.146 ± 98.824 $\chi^2/\text{NDF}: 9.6/9$

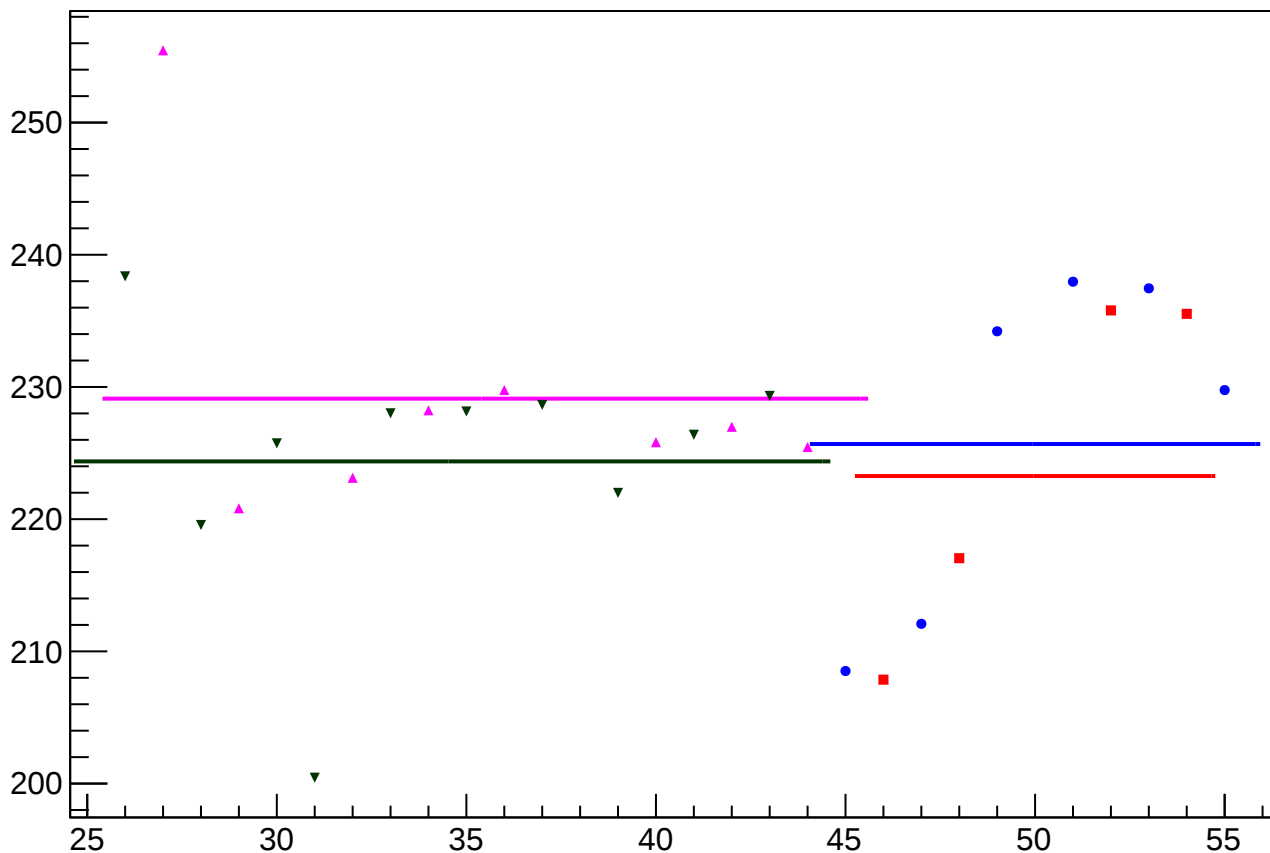
Right Out: -38.587 ± 156.750 $\chi^2/\text{NDF}: 2.1/3$

Left In: -91.498 ± 102.557 $\chi^2/\text{NDF}: 3.6/7$

-55.999 ± 76.077 $\chi^2/\text{NDF}: 21.4/15$

-75.638 ± 85.820 $\chi^2/\text{NDF}: 5.7/11$

reg_asym_at2_dd_rms vs slug



Right In: 225.684+/-0.084 χ^2/NDF : 20579.6/5

Left Out: 224.370+/-0.070 χ^2/NDF : 16099.6/9

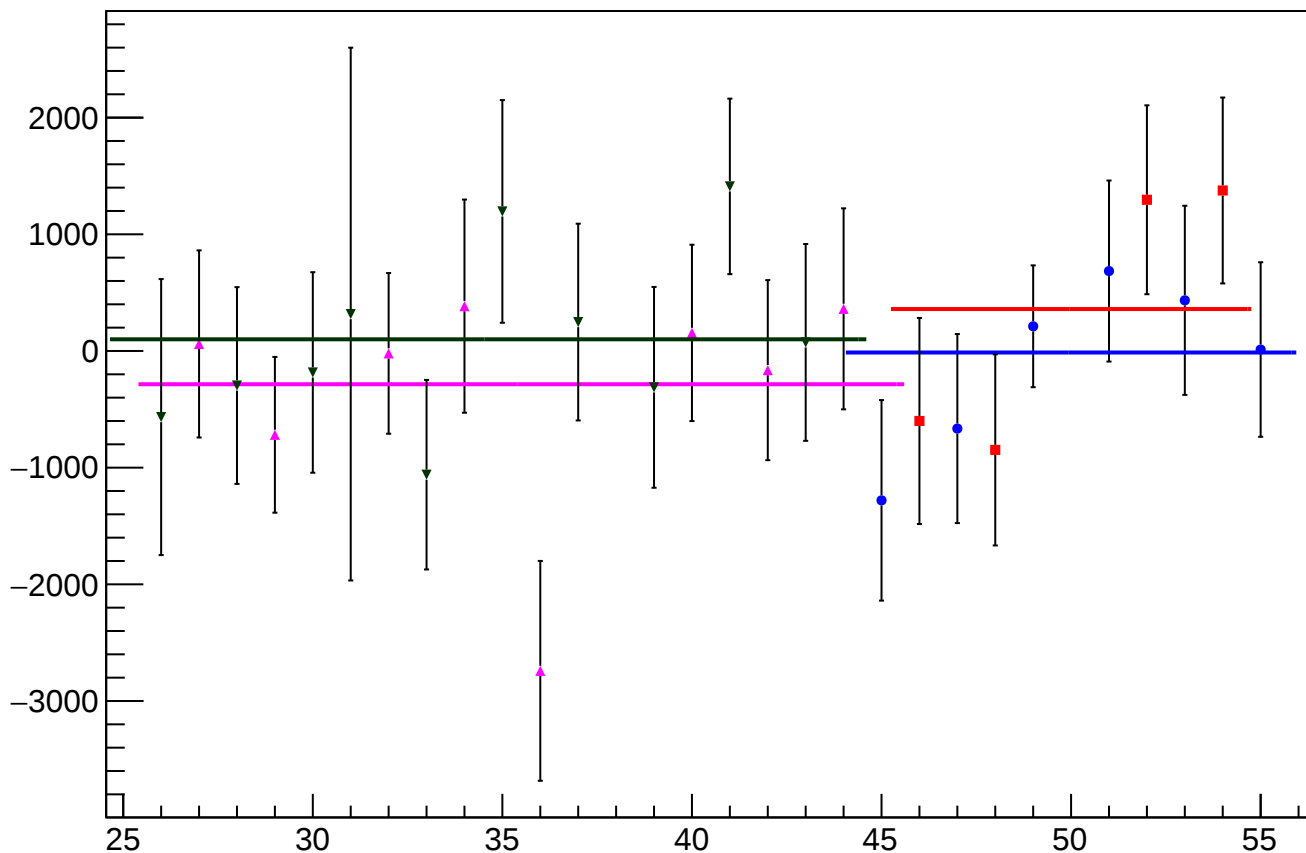
Right Out: 223.262+/-0.111 χ^2/NDF : 12361.1/3

Left In: 229.116+/-0.073 χ^2/NDF : 21747.0/7

224.905+/-0.054 χ^2/NDF : 36823.2/15

227.361+/-0.061 χ^2/NDF : 36061.4/11

asym_at2_dd_correction_mean vs slug



Right In: -13.004+/-294.673 χ^2/NDF : 4.1/5

Left Out: 100.061+/-286.186 χ^2/NDF : 7.3/9

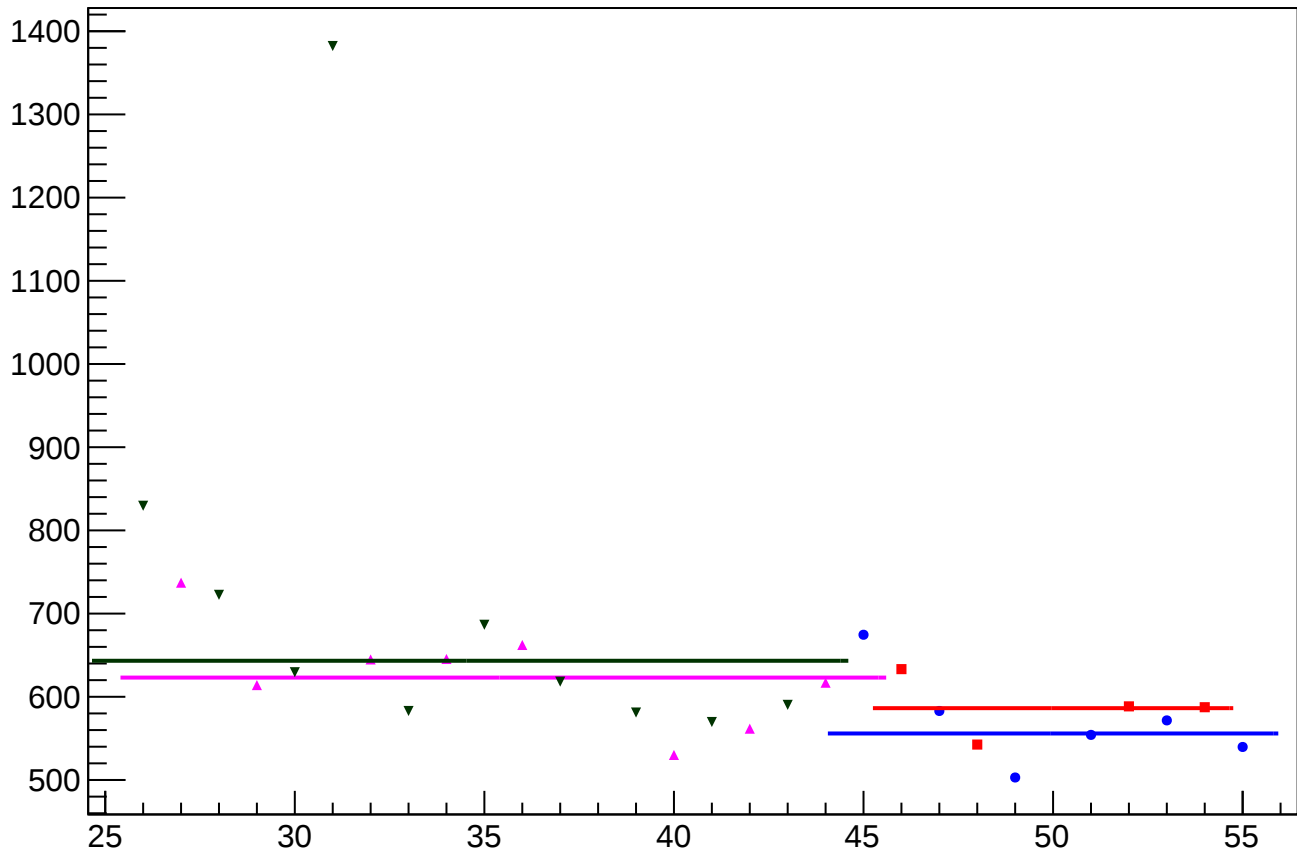
Right Out: 359.449+/-412.563 χ^2/NDF : 6.3/3

Left In: -284.973+/-277.238 χ^2/NDF : 9.0/7

45.180+/-205.299 χ^2/NDF : 11.5/15

-84.499+/-230.109 χ^2/NDF : 17.0/11

asym_at2_dd_correction_rms vs slug



Right In: 555.898+/-0.208 χ^2/NDF : 62597.6/5

Left Out: 643.291+/-0.202 χ^2/NDF : 331702.9/9

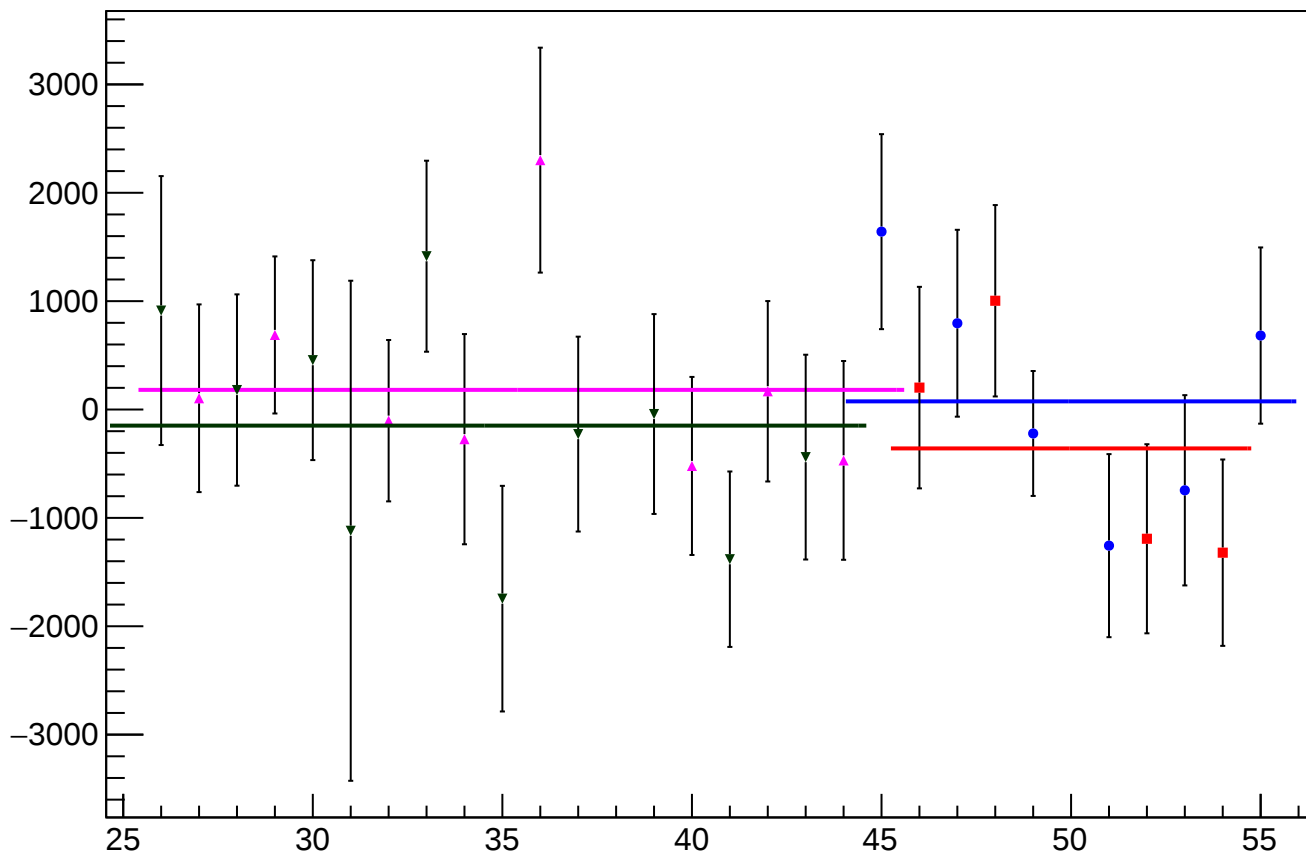
Right Out: 586.328+/-0.292 χ^2/NDF : 11369.8/3

Left In: 623.079+/-0.196 χ^2/NDF : 90546.3/7

600.871+/-0.145 χ^2/NDF : 484829.4/15

611.646+/-0.163 χ^2/NDF : 112849.8/11

asym_at2_dd_mean vs slug



Right In: 75.237 ± 319.408 χ^2/NDF : 7.9/5

Left Out: -148.570 ± 307.642 χ^2/NDF : 9.4/9

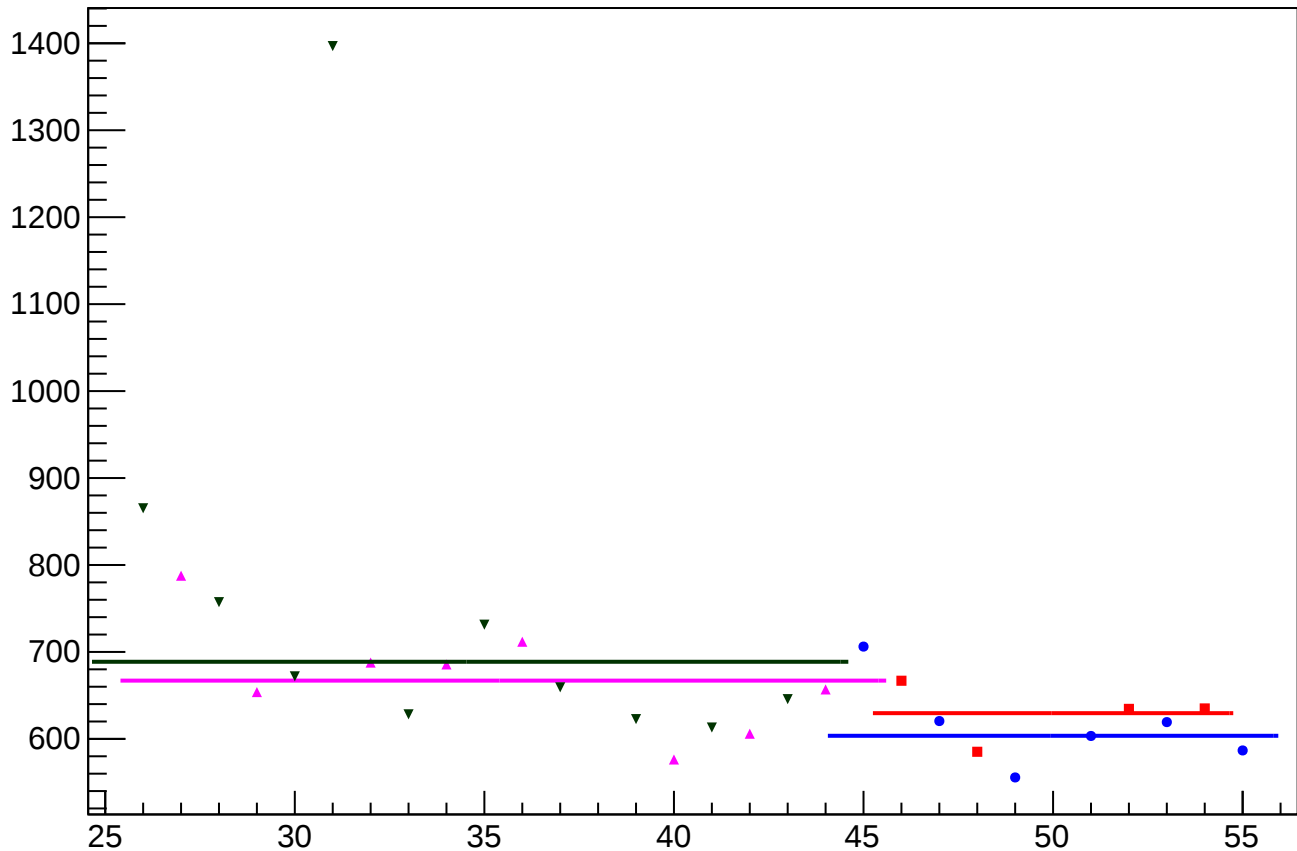
Right Out: -358.993 ± 442.589 χ^2/NDF : 4.9/3

Left In: 181.362 ± 299.528 χ^2/NDF : 6.3/7

-40.865 ± 221.578 χ^2/NDF : 17.6/15

11.619 ± 248.060 χ^2/NDF : 12.2/11

asym_at2_dd_rms vs slug



Right In: 603.571+/-0.226 χ^2/NDF : 42091.5/5

Left Out: 688.695+/-0.218 χ^2/NDF :288286.6/9

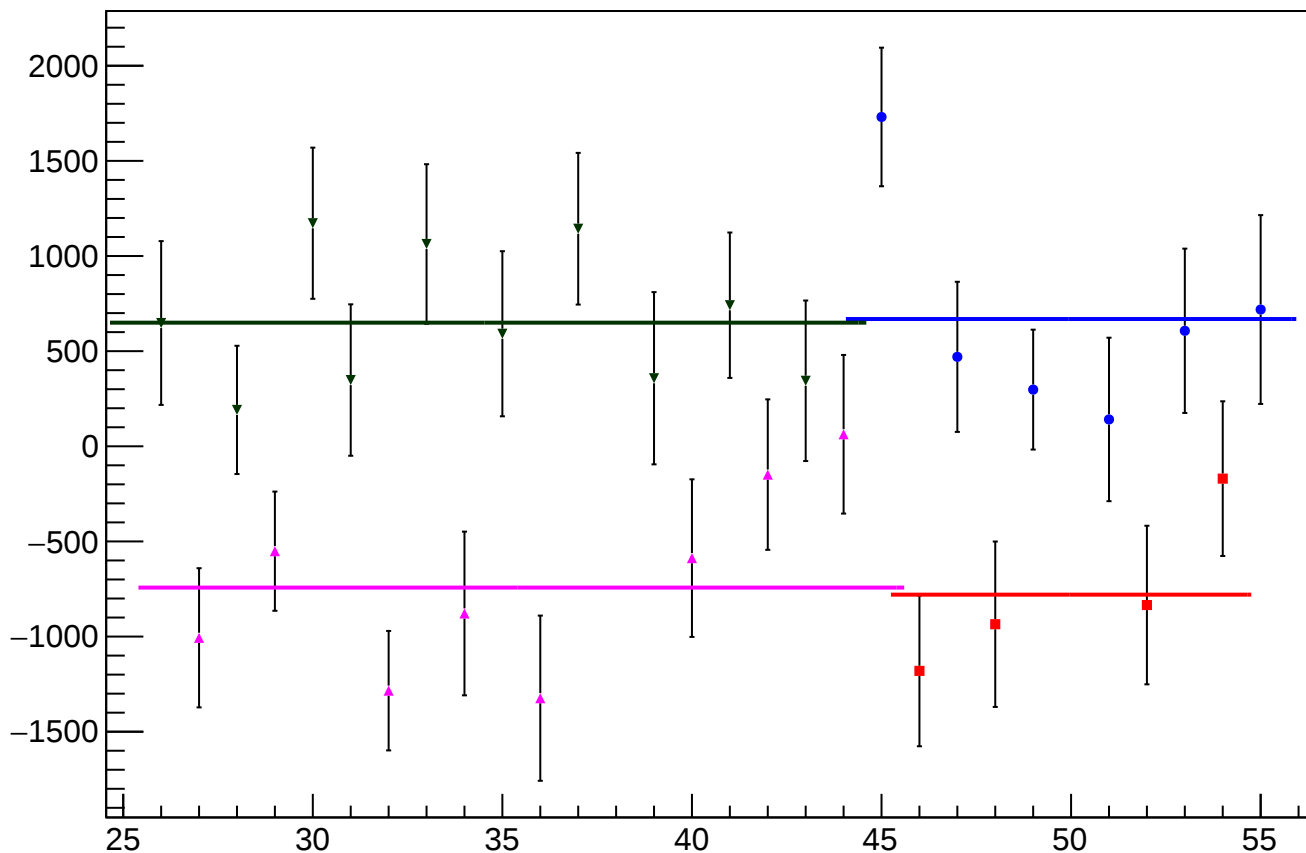
Right Out: 629.595+/-0.313 χ^2/NDF : 8417.7/3

Left In: 667.019+/-0.212 χ^2/NDF :80872.1/7

647.730+/-0.157 χ^2/NDF : 404068.9/15

655.263+/-0.175 χ^2/NDF : 99097.7/11

reg_asym_atl1r2_avg_mean vs slug



Right In: 668.924 ± 160.365 $\chi^2/\text{NDF}: 11.7/5$

Left Out: 649.704 ± 127.513 $\chi^2/\text{NDF}: 7.7/9$

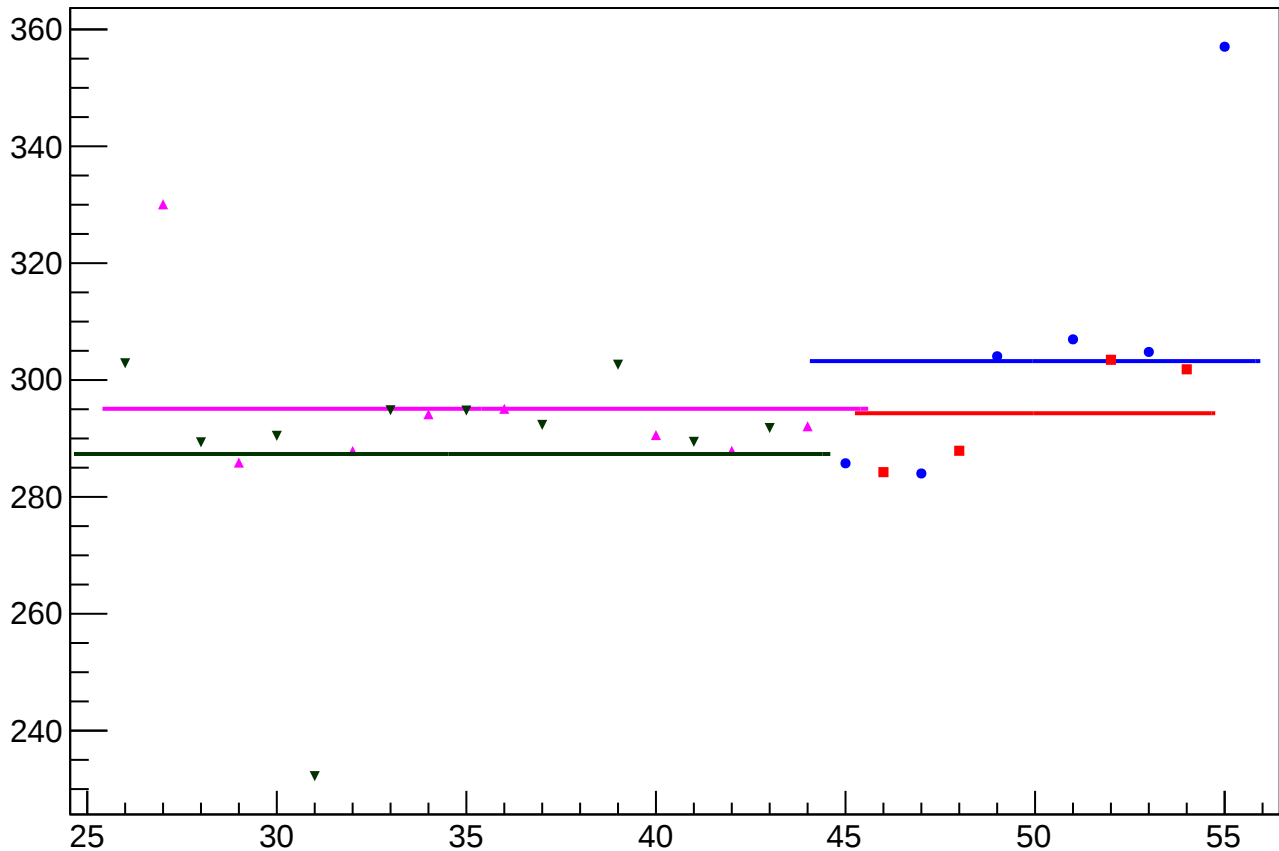
Right Out: -779.688 ± 206.410 $\chi^2/\text{NDF}: 3.4/3$

Left In: -742.570 ± 133.039 $\chi^2/\text{NDF}: 11.9/7$

657.149 ± 99.807 $\chi^2/\text{NDF}: 19.4/15$

-753.464 ± 111.824 $\chi^2/\text{NDF}: 15.3/11$

reg_asym_atl1r2_avg_rms vs slug



Right In: 303.241+/-0.113 χ^2/NDF : 33070.3/5

Left Out: 287.345+/-0.090 χ^2/NDF : 45272.0/9

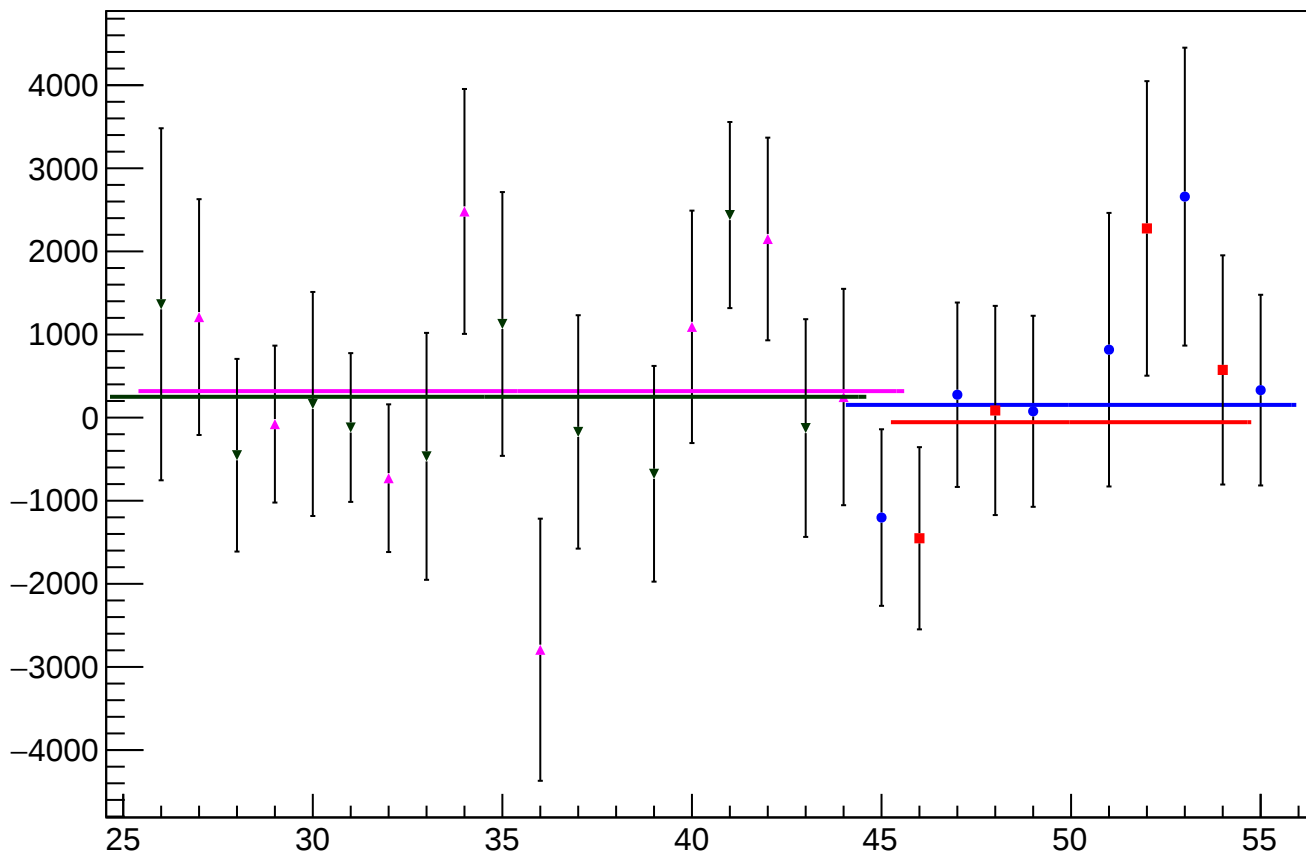
Right Out: 294.318+/-0.146 χ^2/NDF : 3378.9/3

Left In: 295.081+/-0.094 χ^2/NDF : 22103.3/7

293.503+/-0.071 χ^2/NDF : 90381.2/15

294.857+/-0.079 χ^2/NDF : 25501.5/11

asym_atl1r2_avg_correction_mean vs slug



Right In: 153.039 $\pm$ 506.652 χ^2 /NDF: 3.8/5

Left Out: 250.509 $\pm$ 404.977 χ^2 /NDF:5.9/9

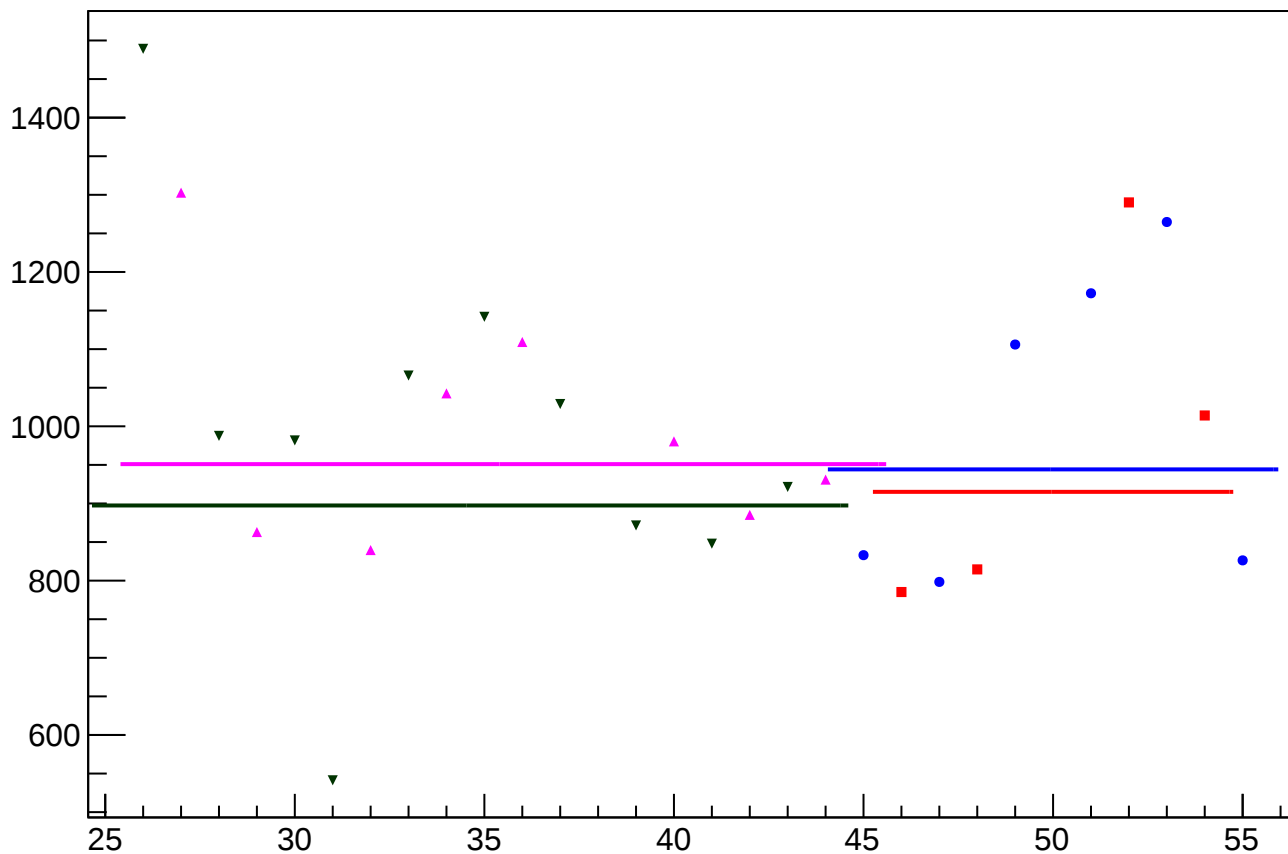
Right Out: -55.052 $\pm$ 658.262 χ^2 /NDF: 3.6/3

Left In: 318.803 $\pm$ 425.542 χ^2 /NDF:10.6/7

212.511 $\pm$ 316.339 χ^2 /NDF: 9.7/15

208.613 $\pm$ 357.369 χ^2 /NDF: 14.4/11

asym_atl1r2_avg_correction_rms vs slug



Right In: 944.171+/-0.358 χ^2/NDF : 219649.1/5

Left Out: 897.406+/-0.286 χ^2/NDF : 588848.0/9

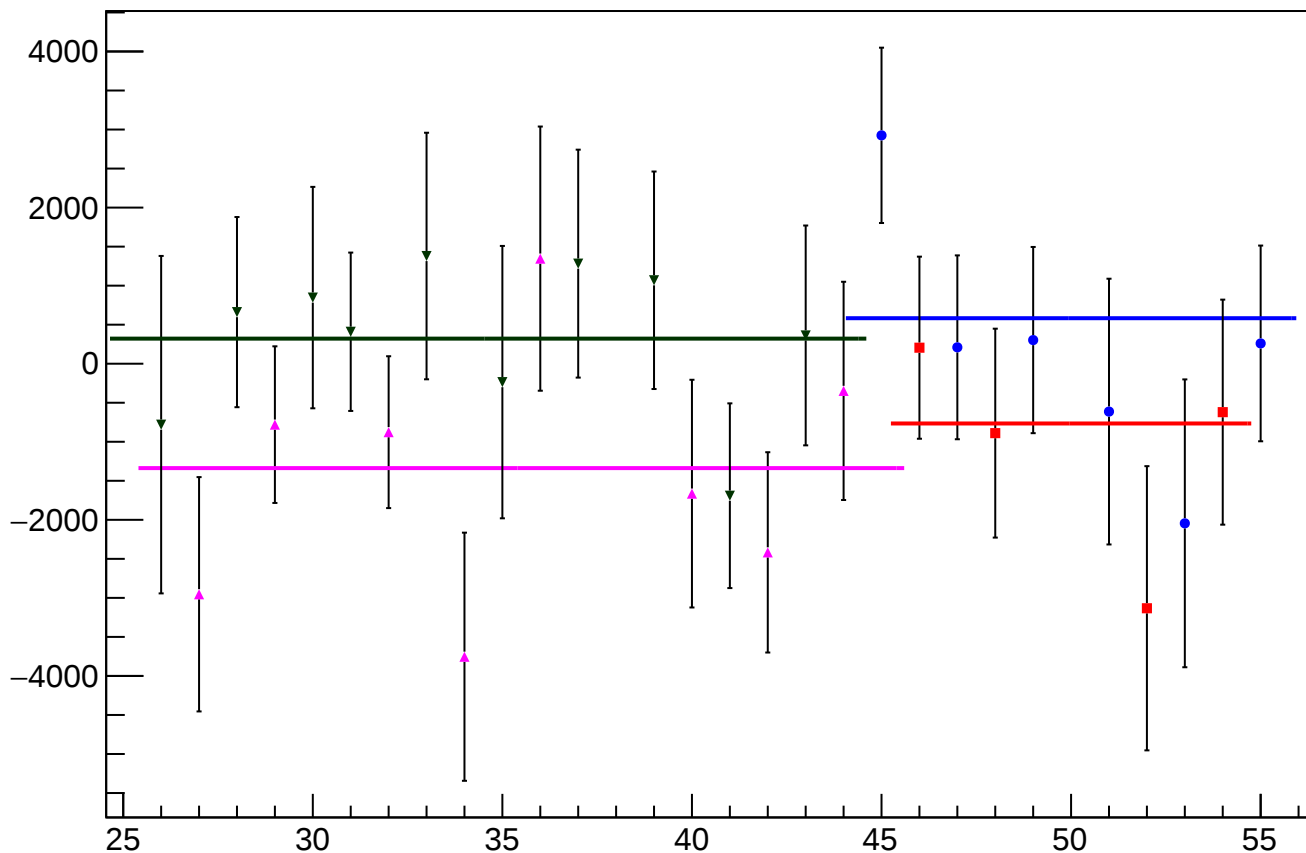
Right Out: 915.069+/-0.465 χ^2/NDF : 140703.5/3

Left In: 950.988+/-0.301 χ^2/NDF : 206850.7/7

915.637+/-0.224 χ^2/NDF : 818893.7/15

940.401+/-0.253 χ^2/NDF : 351754.0/11

asym_atl1r2_avg_mean vs slug



Right In: 582.972 $\pm$ 535.138 χ^2 /NDF: 7.1/5

Left Out: 321.331 $\pm$ 434.827 χ^2 /NDF: 4.6/9

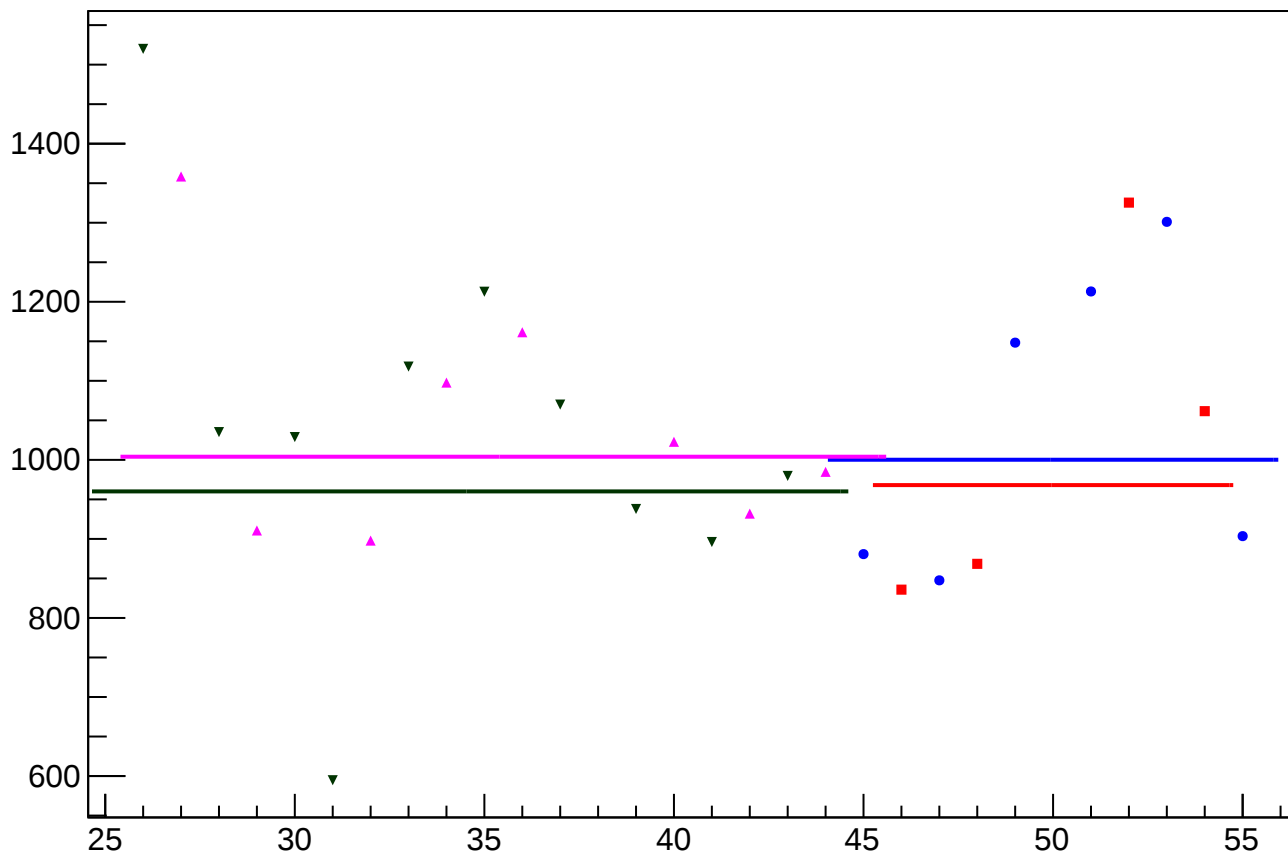
Right Out: -765.688 $\pm$ 693.960 χ^2 /NDF: 2.4/3

Left In: -1337.462 $\pm$ 455.096 χ^2 /NDF: 7.8/7

425.380 $\pm$ 337.467 χ^2 /NDF: 11.9/15

-1165.511 $\pm$ 380.562 χ^2 /NDF: 10.7/11

asym_atl1r2_avg_rms vs slug



Right In: 1000.162 ± 0.378 χ^2/NDF : 183460.9/5

Left Out: 960.100 ± 0.307 χ^2/NDF : 485899.3/9

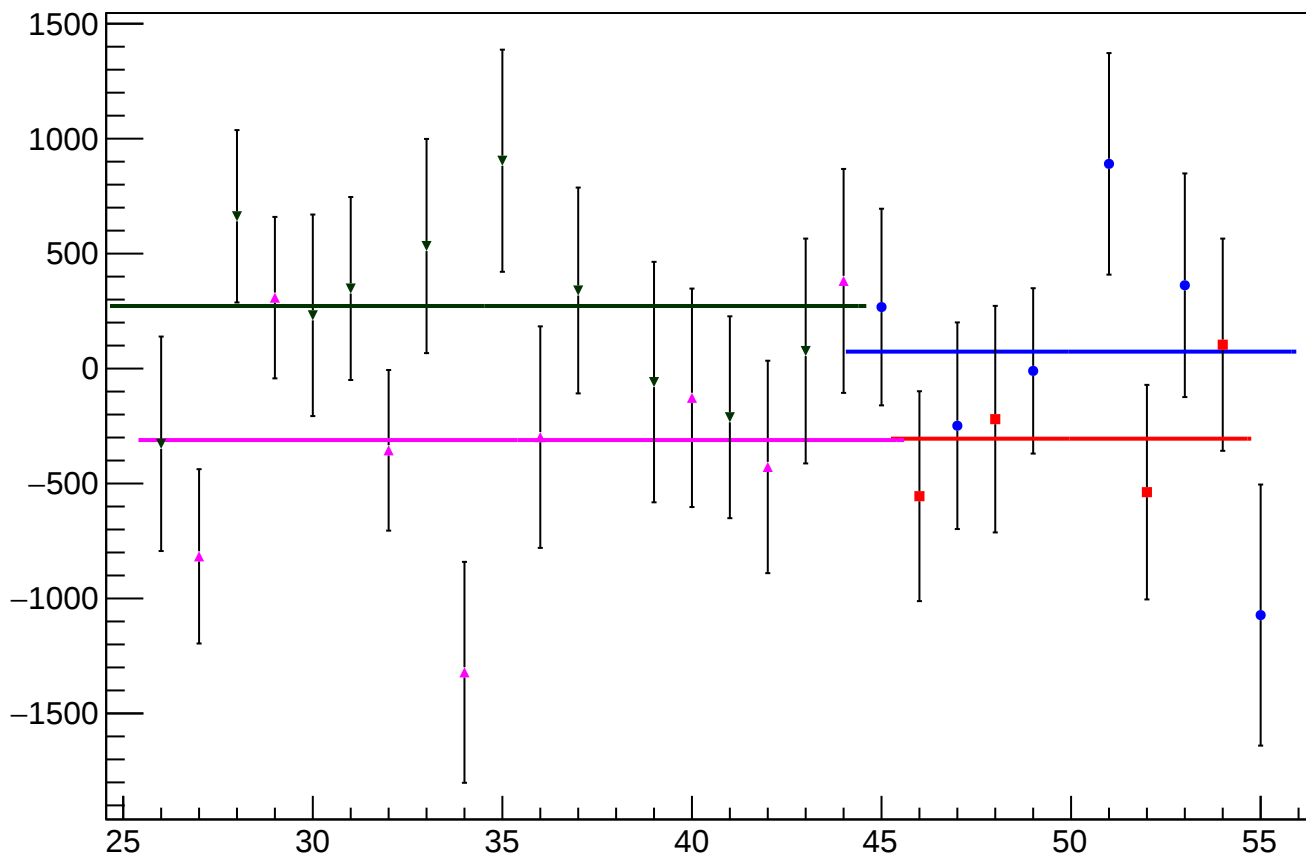
Right Out: 968.083 ± 0.491 χ^2/NDF : 122288.5/3

Left In: 1003.988 ± 0.322 χ^2/NDF : 183940.1/7

976.032 ± 0.239 χ^2/NDF : 676111.6/15

993.190 ± 0.269 χ^2/NDF : 309972.5/11

reg_asym_atl1r2_dd_mean vs slug



Right In: 73.648 $\pm$ 183.226 χ^2 /NDF: 8.1/5

Left Out: 272.098 $\pm$ 141.223 χ^2 /NDF:6.6/9

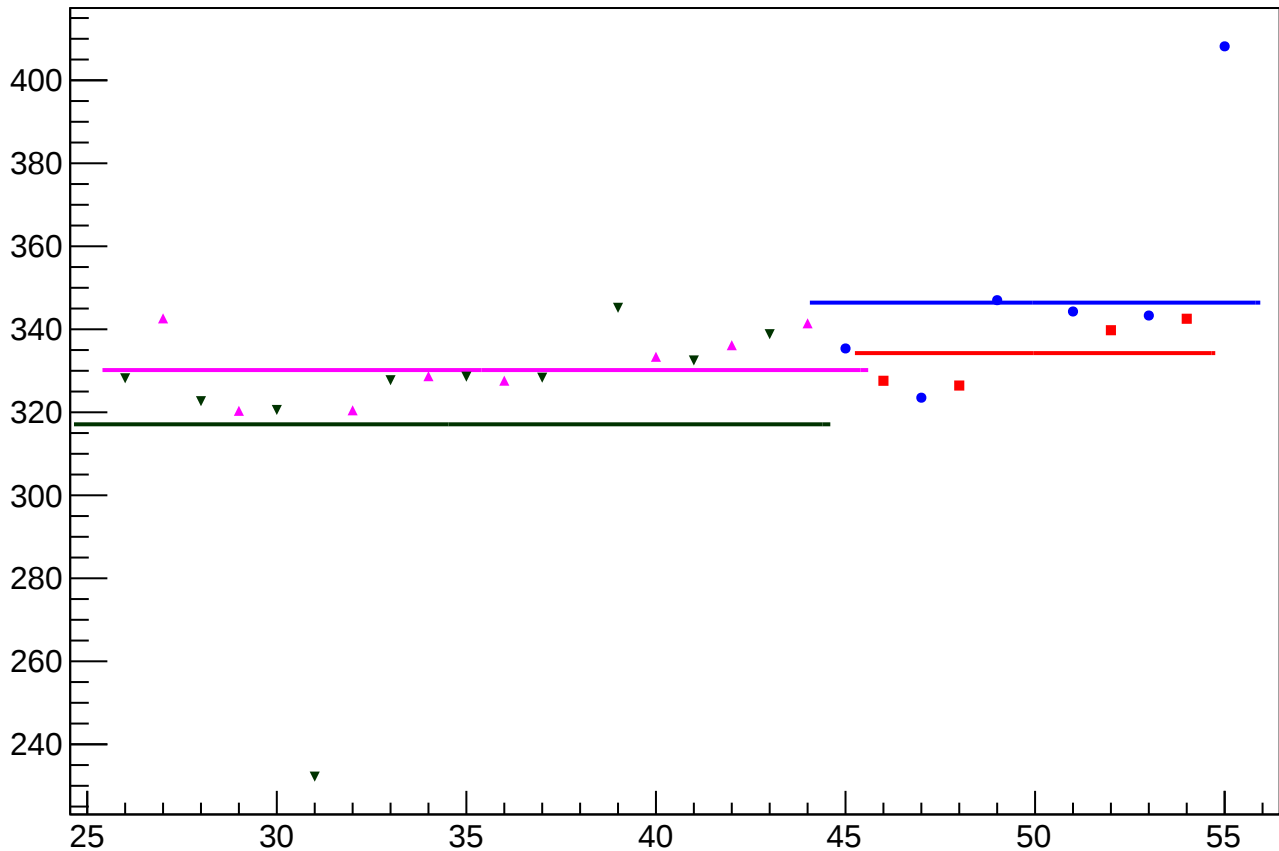
Right Out: -304.963 $\pm$ 234.362 χ^2 /NDF: 1.4/3

Left In: -310.926 $\pm$ 148.691 χ^2 /NDF:11.6/7

198.141 $\pm$ 111.854 χ^2 /NDF: 15.4/15

-309.215 $\pm$ 125.554 χ^2 /NDF: 12.9/11

reg_asym_atl1r2_dd_rms vs slug



Right In: 346.424+/-0.130 χ^2/NDF : 30314.0/5

Left Out: 317.105+/-0.100 χ^2/NDF :108292.1/9

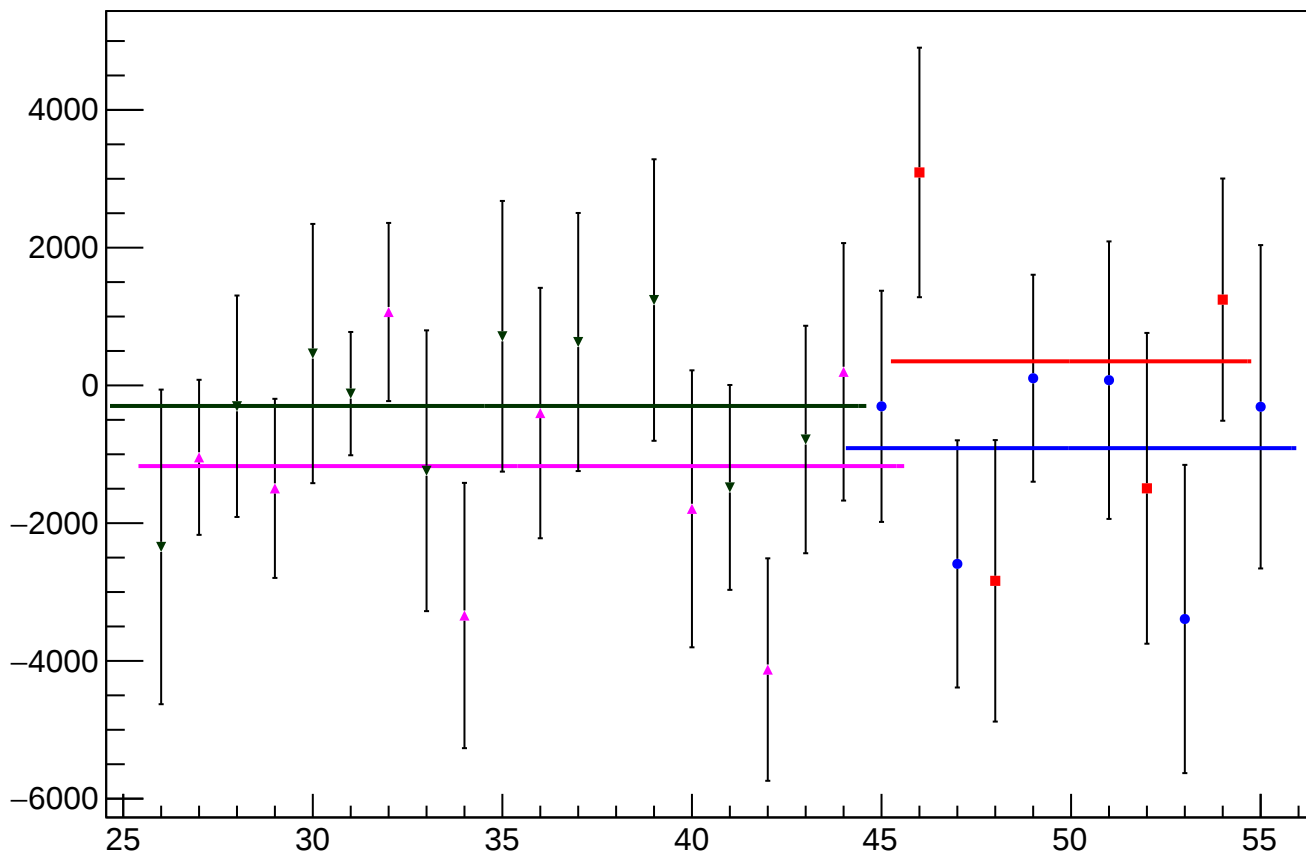
Right Out: 334.262+/-0.166 χ^2/NDF : 1852.7/3

Left In: 330.176+/-0.105 χ^2/NDF :6835.5/7

328.031+/-0.079 χ^2/NDF : 170732.1/15

331.349+/-0.089 χ^2/NDF : 9121.8/11

asym_atl1r2_dd_correction_mean vs slug



Right In: -910.798+/-758.965 χ^2/NDF : 3.0/5

Left Out: -298.381+/-503.028 χ^2/NDF : 3.0/9

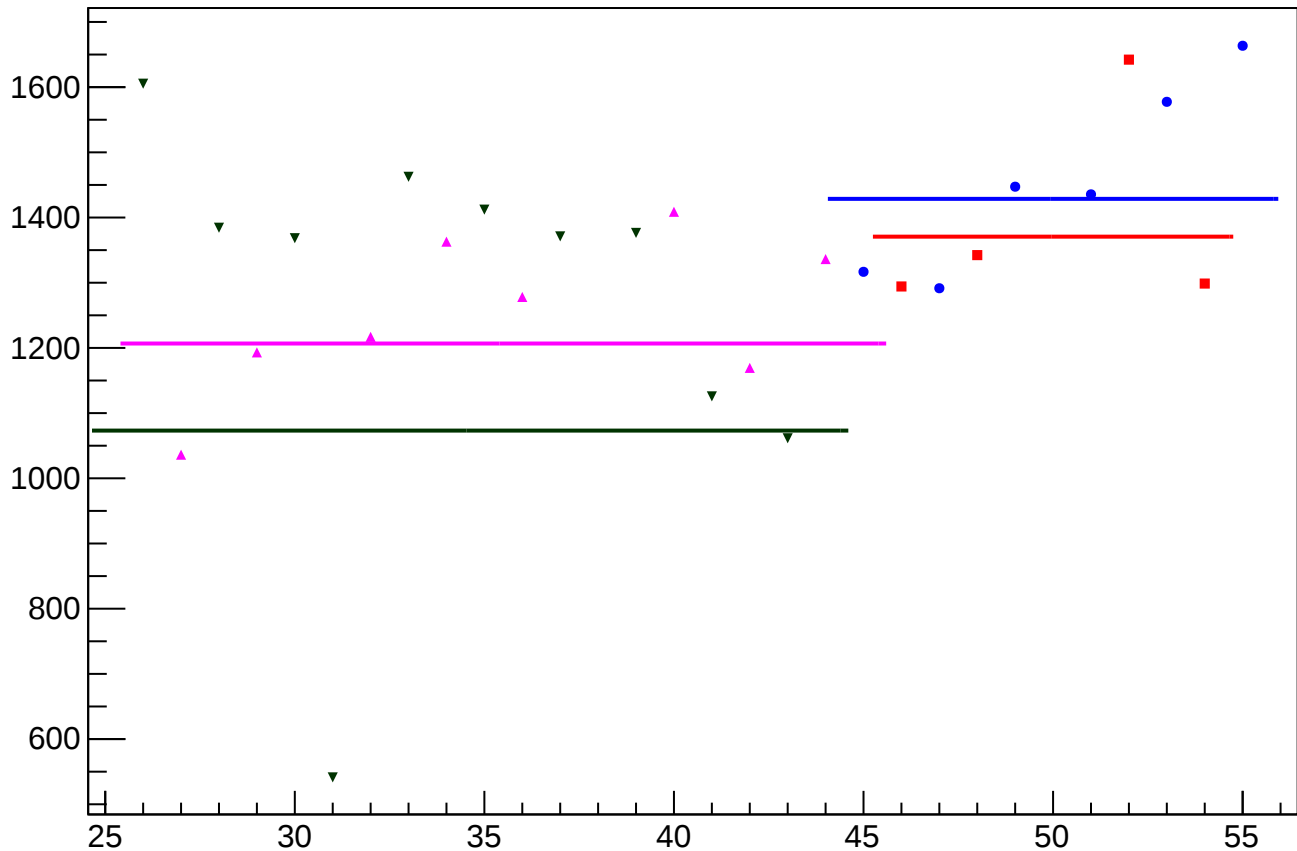
Right Out: 349.679+/-969.429 χ^2/NDF : 5.7/3

Left In: -1171.342+/-536.997 χ^2/NDF : 8.5/7

-485.295+/-419.295 χ^2/NDF : 6.5/15

-814.214+/-469.743 χ^2/NDF : 16.0/11

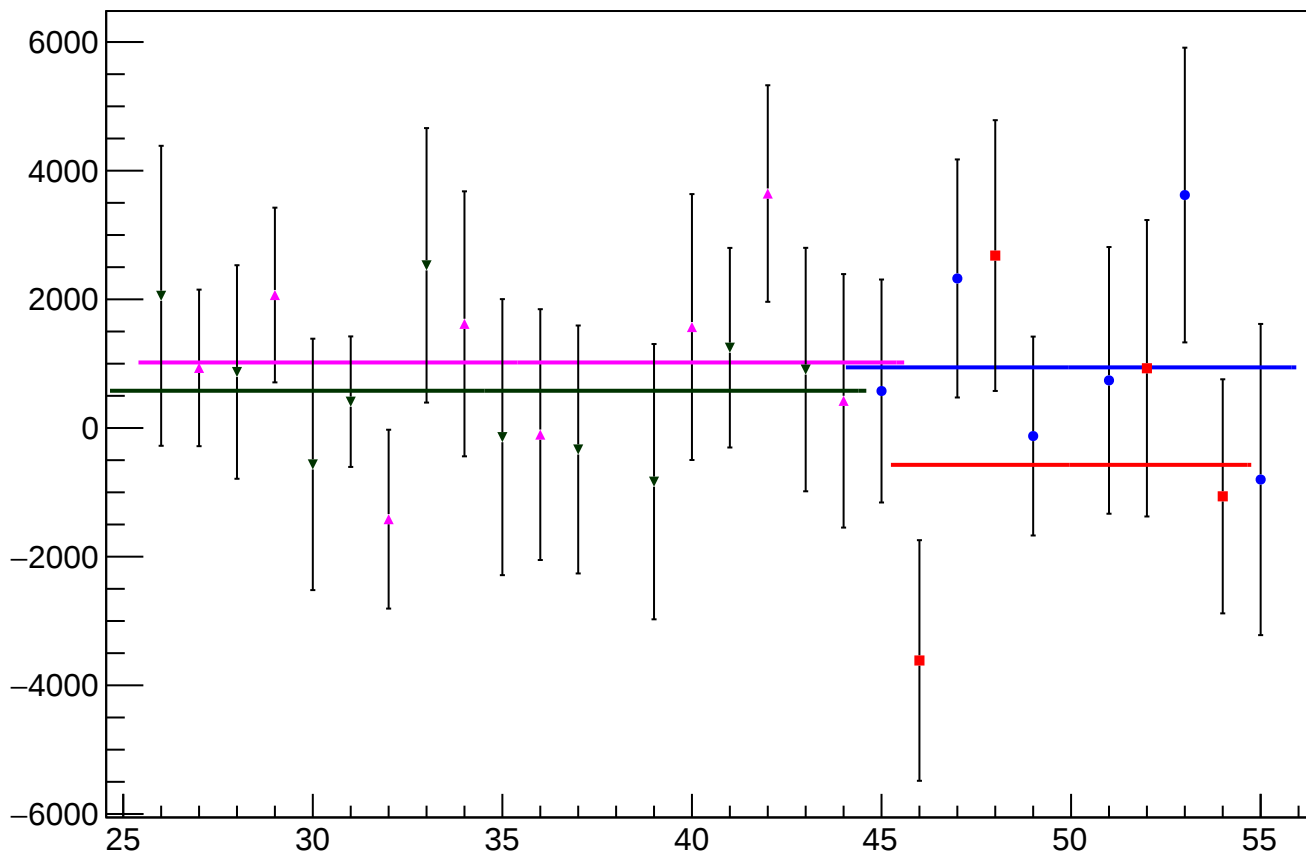
asym_atl1r2_dd_correction_rms vs slug



Right In: 1428.645+/-0.537 χ^2/NDF : 49763.0/5
 Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9
 Right Out: 1370.677+/-0.685 χ^2/NDF : 36258.4/3
 Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

1181.682+/-0.296 χ^2/NDF : 1523353.7/15
 1245.245+/-0.332 χ^2/NDF : 173385.3/11

asym_atl1r2_dd_mean vs slug



Right In: 942.544 ± 781.392 χ^2/NDF : 3.0/5

Left Out: 579.001 ± 542.319 χ^2/NDF : 2.6/9

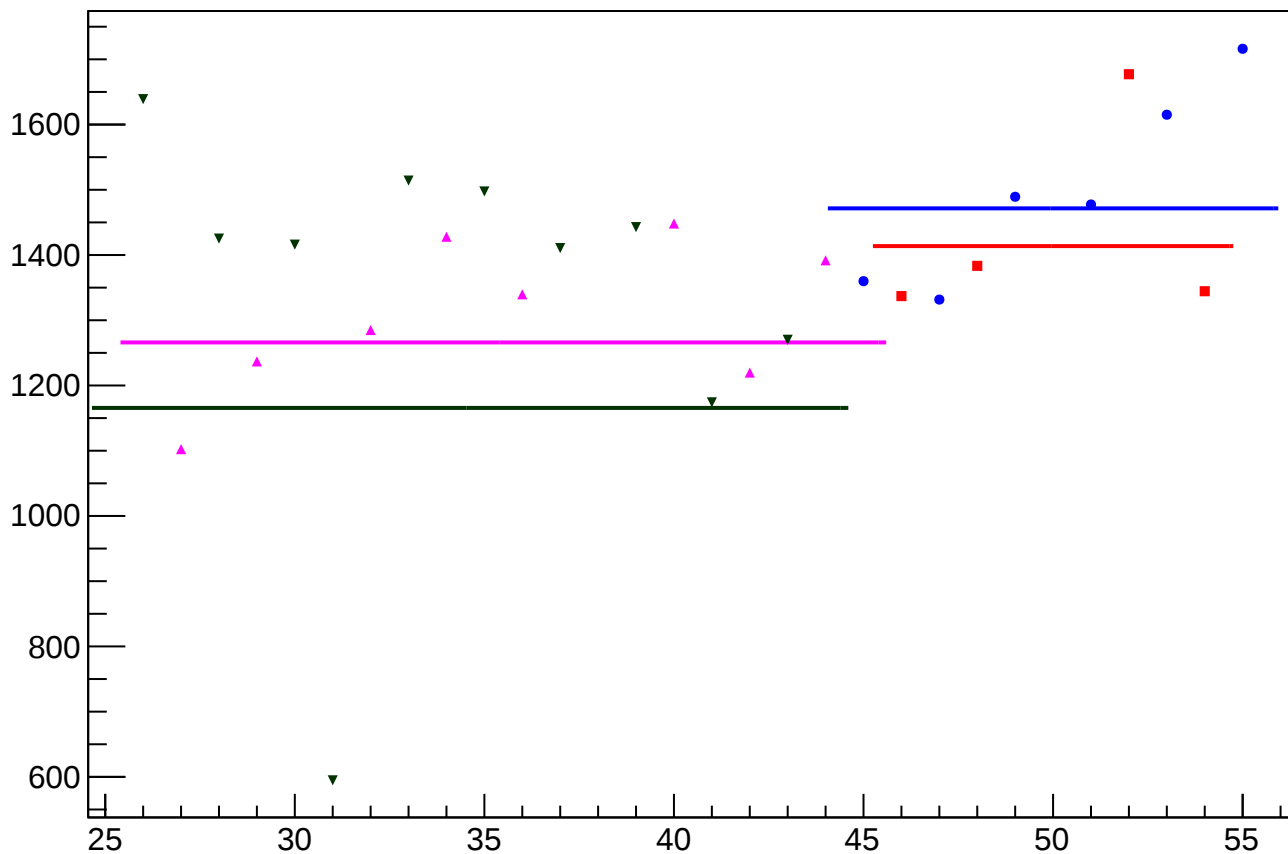
Right Out: -572.717 ± 998.940 χ^2/NDF : 5.5/3

Left In: 1018.709 ± 569.922 χ^2/NDF : 6.7/7

697.188 ± 445.529 χ^2/NDF : 5.8/15

627.905 ± 495.023 χ^2/NDF : 14.1/11

asym_atl1r2_dd_rms vs slug



Right In: 1471.526+/-0.553 χ^2/NDF : 48313.3/5

Left Out: 1165.616+/-0.383 χ^2/NDF : 970870.7/9

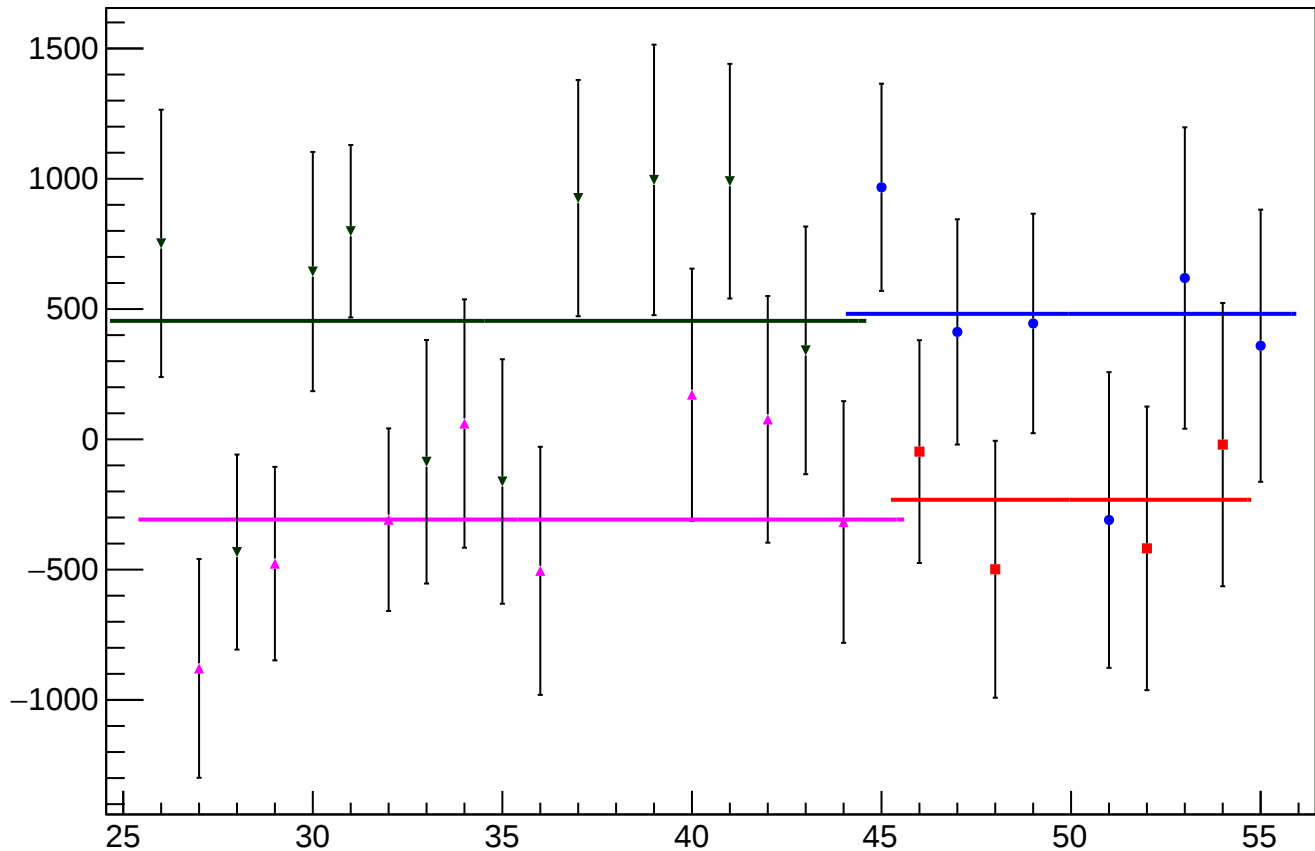
Right Out: 1413.659+/-0.706 χ^2/NDF : 32820.8/3

Left In: 1265.999+/-0.403 χ^2/NDF : 77911.6/7

1265.067+/-0.315 χ^2/NDF : 1226064.8/15

1302.260+/-0.350 χ^2/NDF : 143700.5/11

reg_asym_atr1l2_avg_mean vs slug



Right In: 481.639 $\pm$ 192.170 χ^2/NDF : 3.6/5

Left Out: 454.702 $\pm$ 138.846 χ^2/NDF :13.9/9

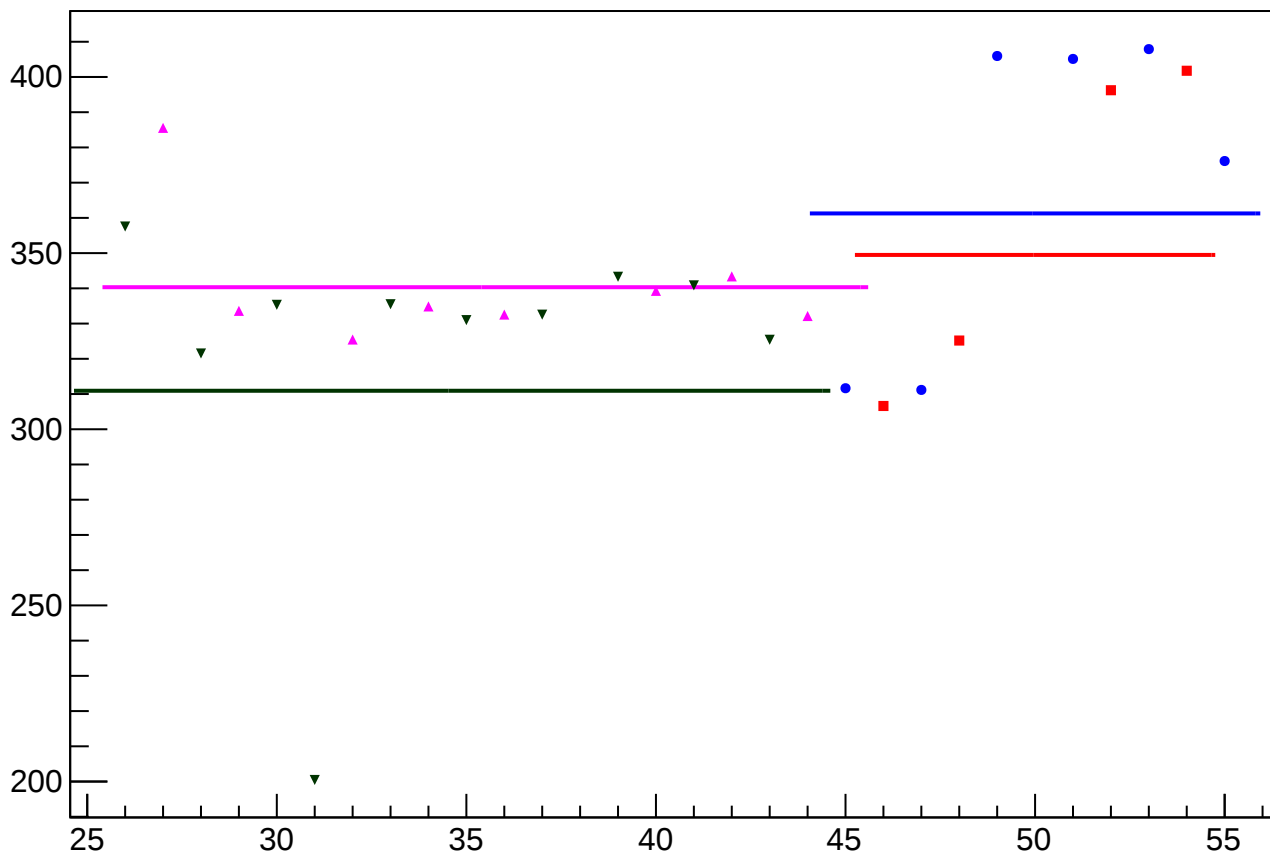
Right Out: -231.784 $\pm$ 247.329 χ^2/NDF : 0.7/3

Left In: -307.710 $\pm$ 151.999 χ^2/NDF :4.5/7

463.941 $\pm$ 112.544 χ^2/NDF : 17.5/15

-286.895 $\pm$ 129.499 χ^2/NDF : 5.3/11

reg_asym_atr1l2_avg_rms vs slug



Right In: 361.266 ± 0.136 χ^2/NDF : 107120.8/5

Left Out: 310.928 ± 0.098 χ^2/NDF : 278877.1/9

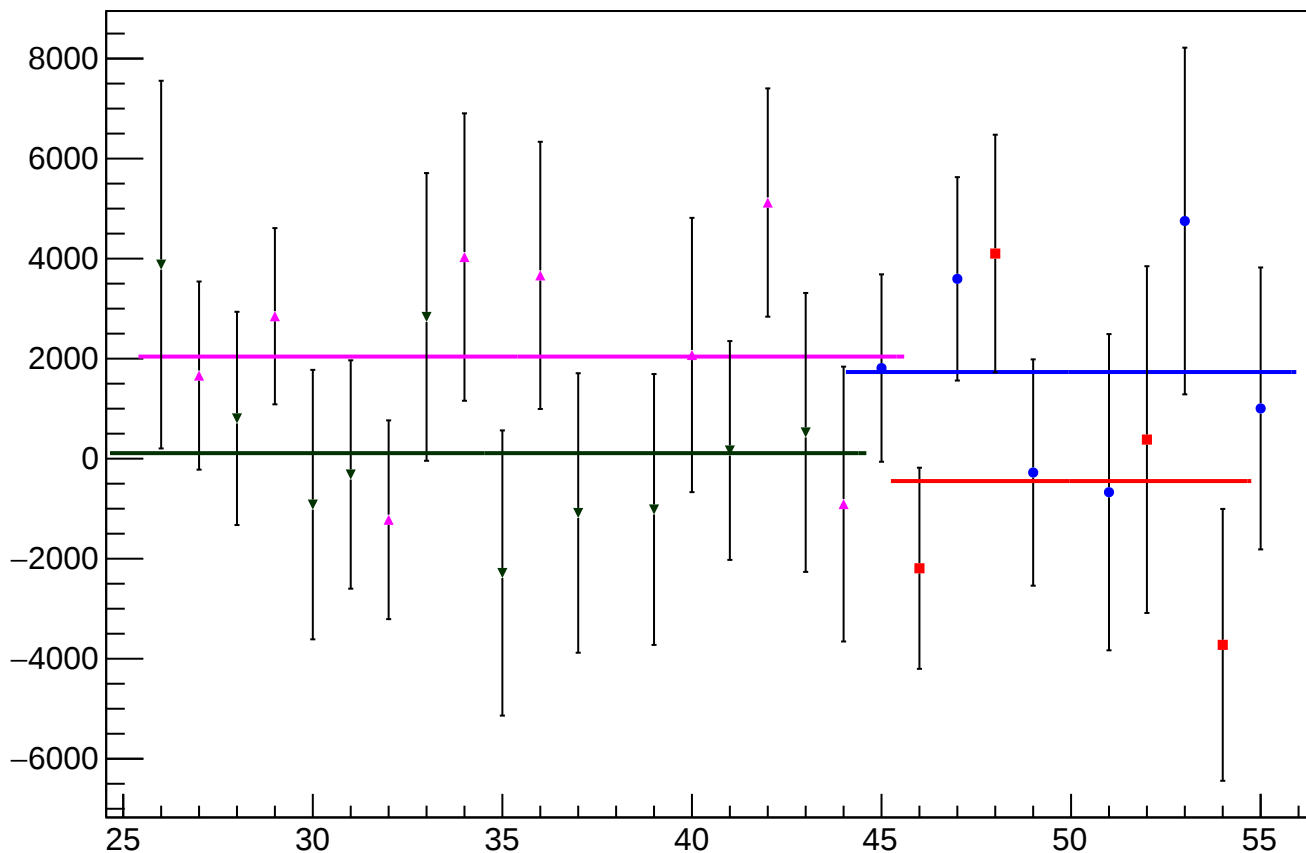
Right Out: 349.487 ± 0.175 χ^2/NDF : 58240.8/3

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.9/7

328.193 ± 0.080 χ^2/NDF : 476162.0/15

342.835 ± 0.092 χ^2/NDF : 89212.6/11

asym_atr1l2_avg_correction_mean vs slug



Right In: 1732.379+/-984.718 χ^2/NDF : 3.0/5

Left Out: 110.611+/-824.937 χ^2/NDF : 3.3/9

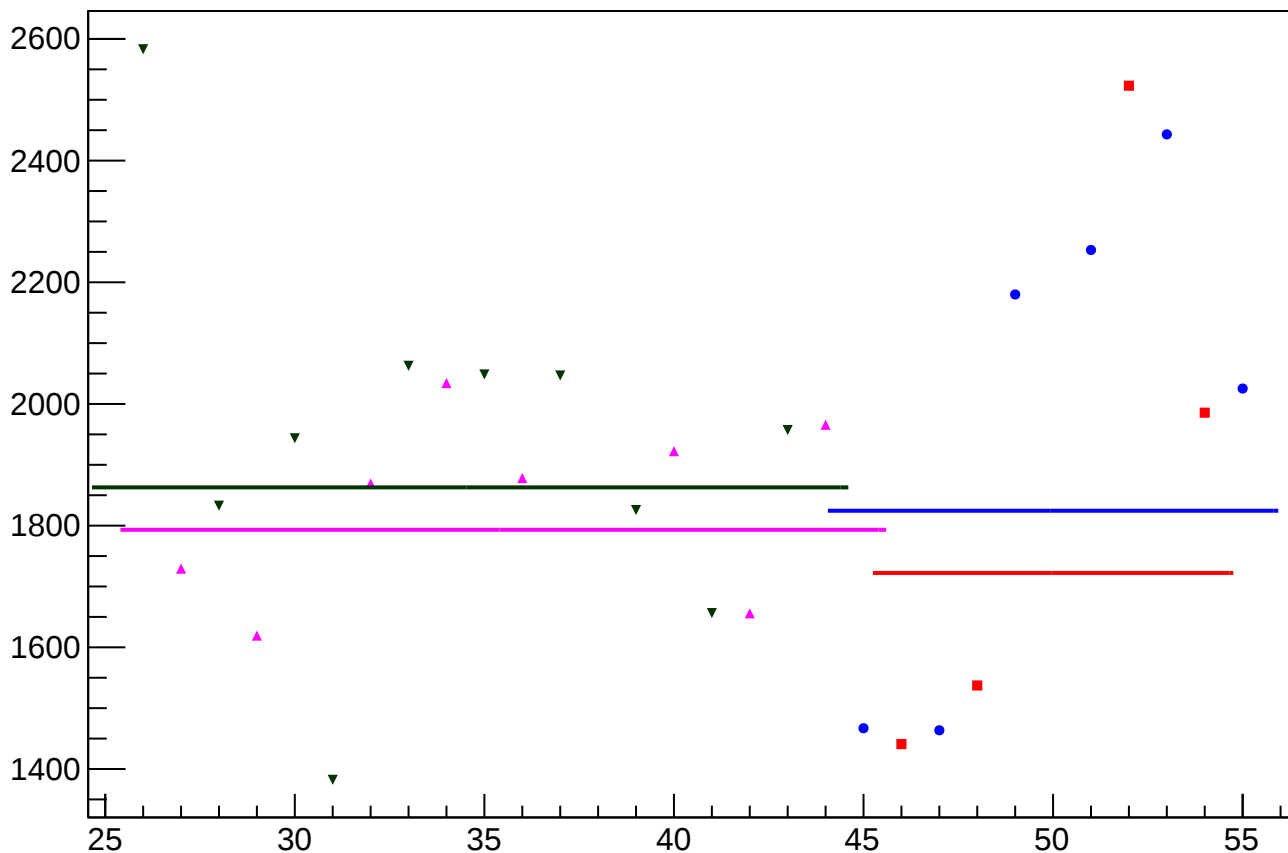
Right Out: -447.548+/-1247.201 χ^2/NDF : 5.9/3

Left In: 2041.346+/-796.392 χ^2/NDF : 6.8/7

779.410+/-632.362 χ^2/NDF : 7.9/15

1320.461+/-671.222 χ^2/NDF : 15.5/11

asym_atr1l2_avg_correction_rms vs slug



Right In: 1824.524+/-0.696 χ^2/NDF : 295803.3/5

Left Out: 1862.906+/-0.583 χ^2/NDF :214897.1/9

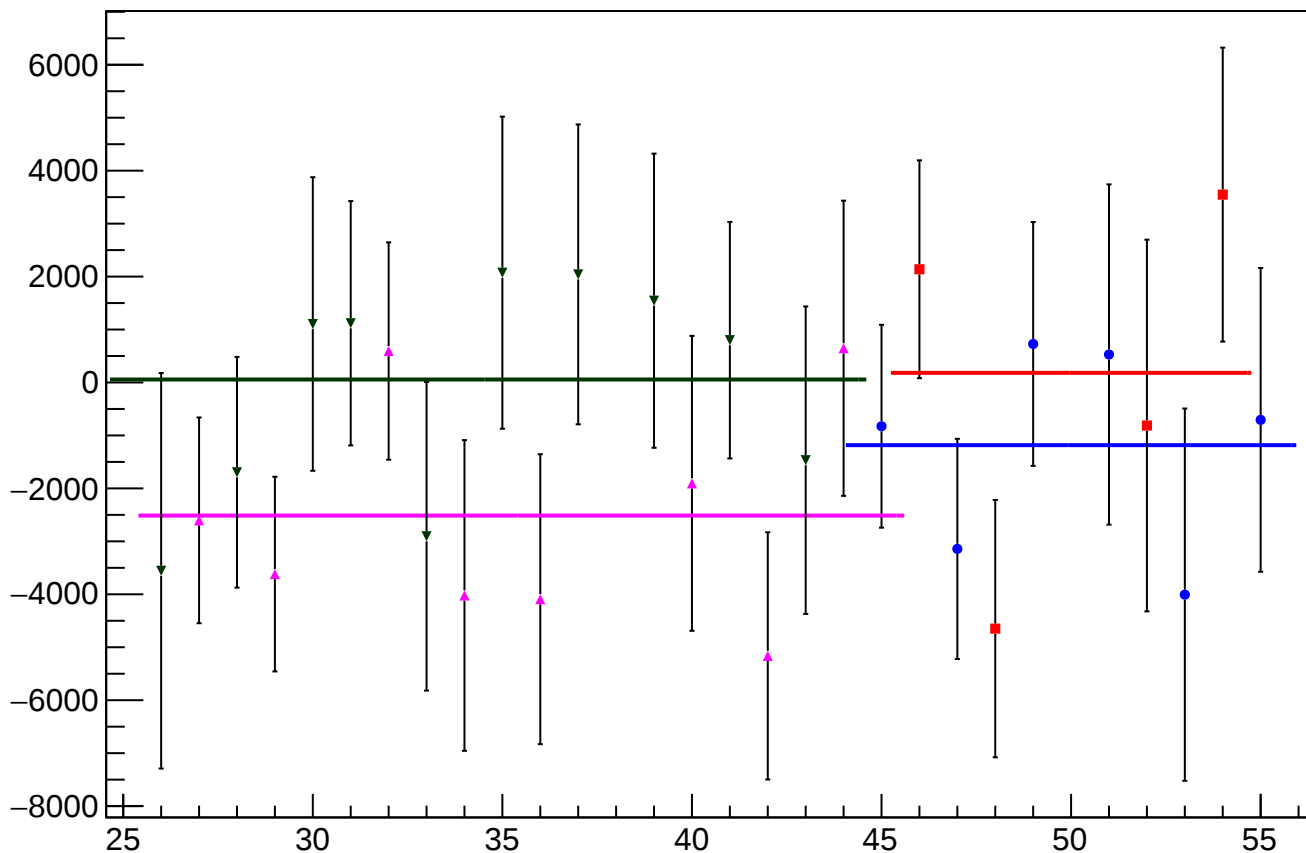
1847.078+/-0.447 χ^2/NDF : 512485.9/15

Right Out: 1722.242+/-0.882 χ^2/NDF : 176749.9/3

1772.638+/-0.475 χ^2/NDF : 241771.9/11

Left In: 1793.186+/-0.563 χ^2/NDF :60425.1/7

asym_atr1l2_avg_mean vs slug



Right In: -1183.513 $\pm$ 1004.051 χ^2/NDF : 2.6/5

Left Out: 56.371 $\pm$ 843.149 χ^2/NDF : 4.6/9

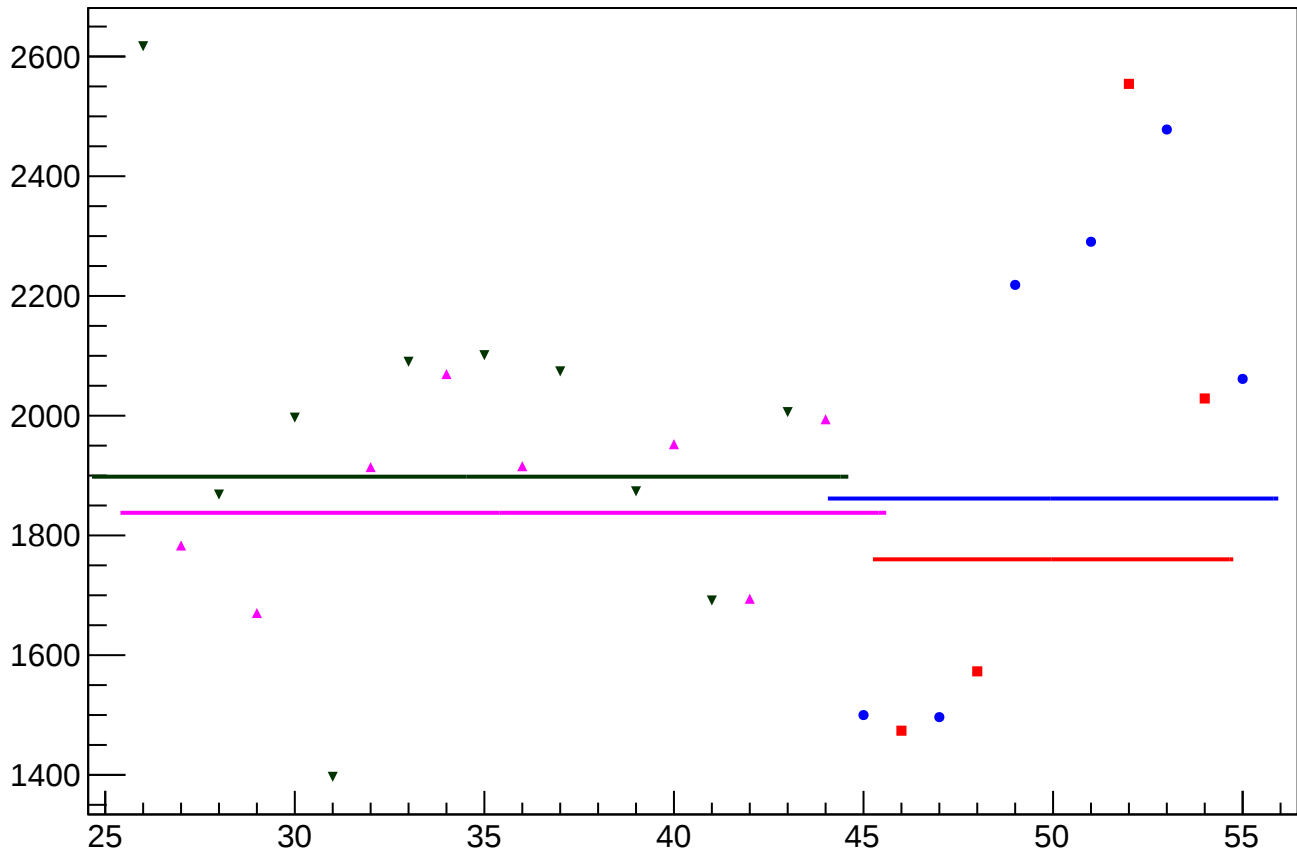
Right Out: 182.355 $\pm$ 1273.239 χ^2/NDF : 6.4/3

Left In: -2513.421 $\pm$ 819.489 χ^2/NDF : 5.9/7

-456.383 $\pm$ 645.683 χ^2/NDF : 8.1/15

-1723.793 $\pm$ 689.096 χ^2/NDF : 15.5/11

asym_atr1l2_avg_rms vs slug



Right In: 1861.634+/-0.710 χ^2/NDF : 287915.3/5

Left Out: 1898.125+/-0.596 χ^2/NDF : 217407.8/9

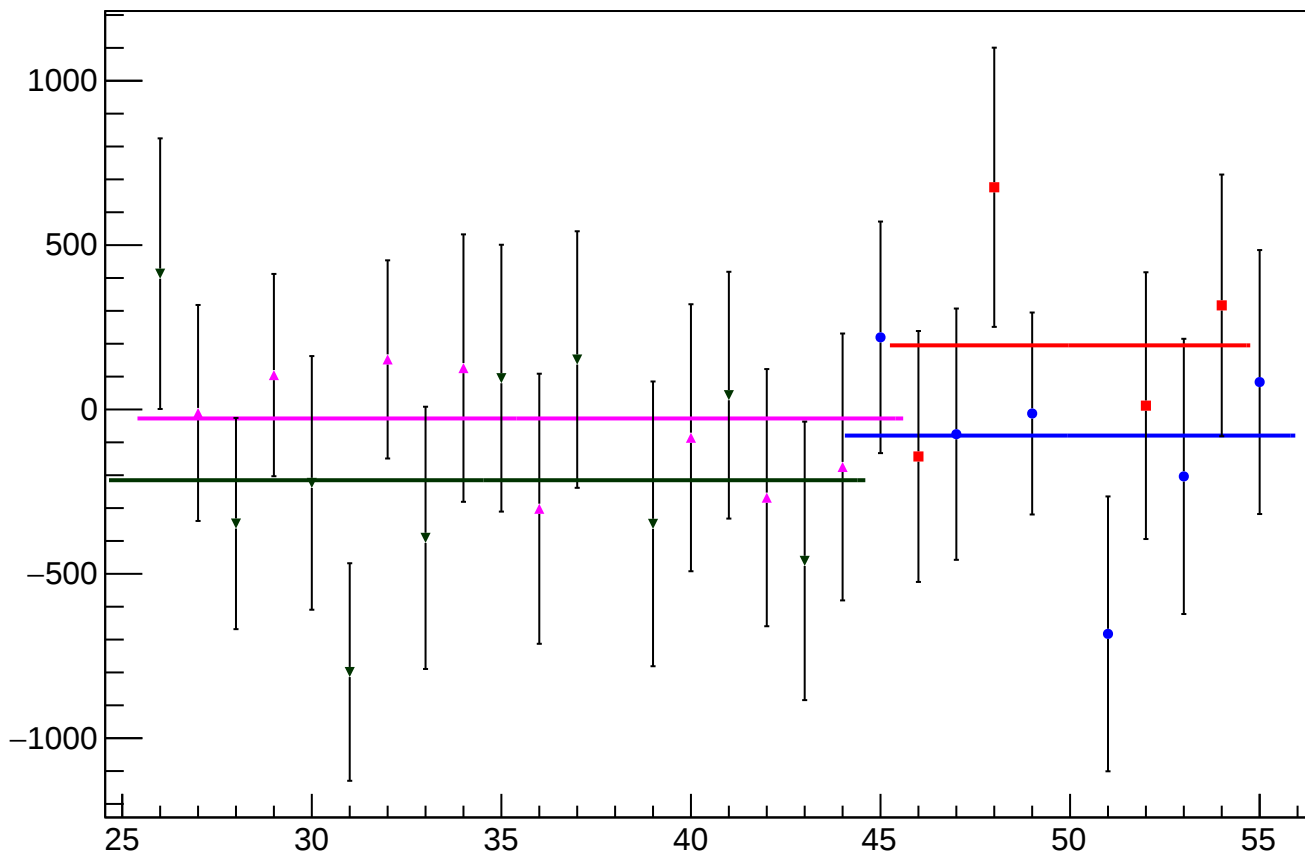
Right Out: 1760.065+/-0.900 χ^2/NDF : 171776.8/3

Left In: 1837.803+/-0.579 χ^2/NDF : 52264.8/7

1883.034+/-0.457 χ^2/NDF : 506872.3/15

1815.032+/-0.487 χ^2/NDF : 229313.3/11

reg_asym_atr1l2_dd_mean vs slug



Right In: -79.407 $\pm$ 152.271 χ^2 /NDF: 3.1/5

Left Out: -215.198 $\pm$ 120.951 χ^2 /NDF:8.2/9

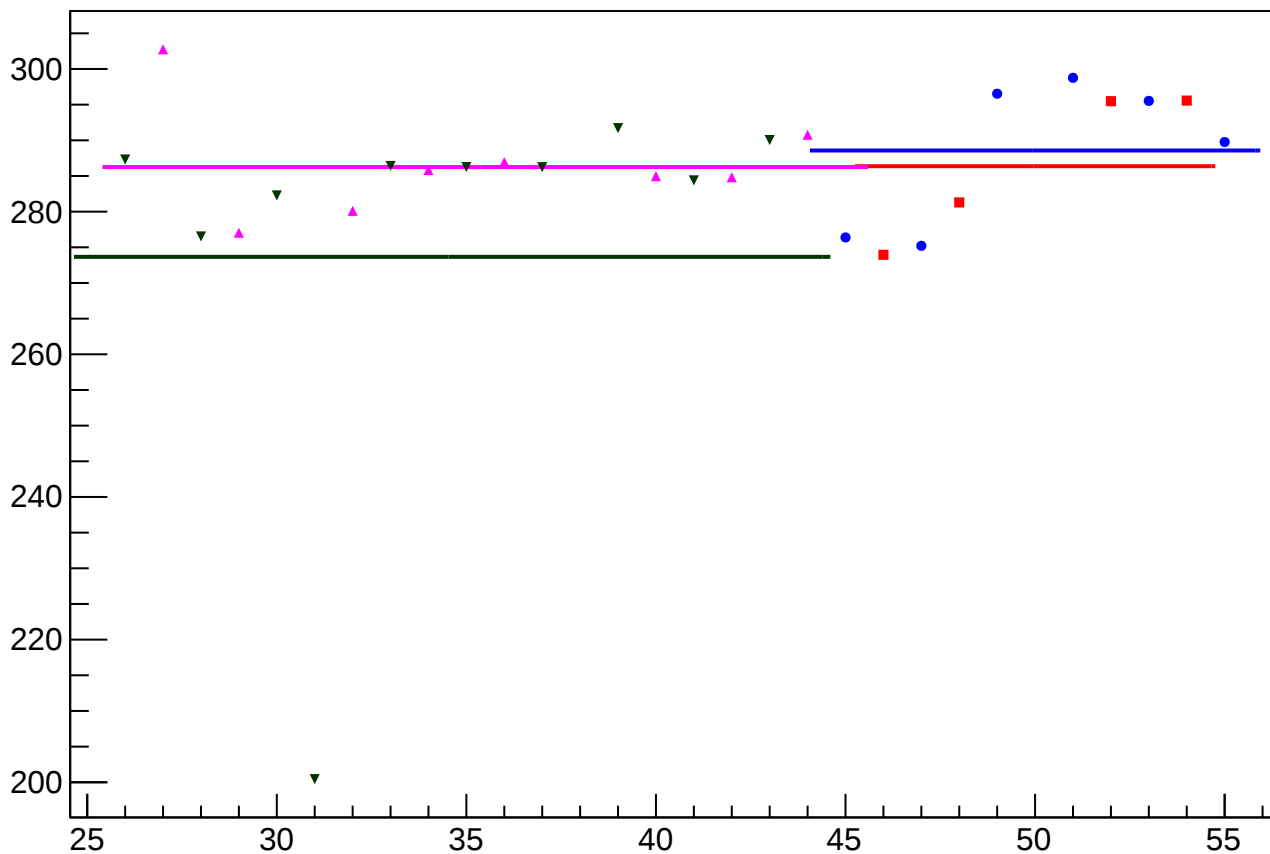
Right Out: 195.058 $\pm$ 200.829 χ^2 /NDF: 2.4/3

Left In: -27.345 $\pm$ 127.553 χ^2 /NDF:1.7/7

-162.667 $\pm$ 94.709 χ^2 /NDF: 11.8/15

36.583 $\pm$ 107.672 χ^2 /NDF: 4.9/11

reg_asym_atr1l2_dd_rms vs slug



Right In: 288.571 ± 0.108 $\chi^2/\text{NDF}: 7939.7/5$

Left Out: 273.662 ± 0.086 $\chi^2/\text{NDF}: 115390.2/9$

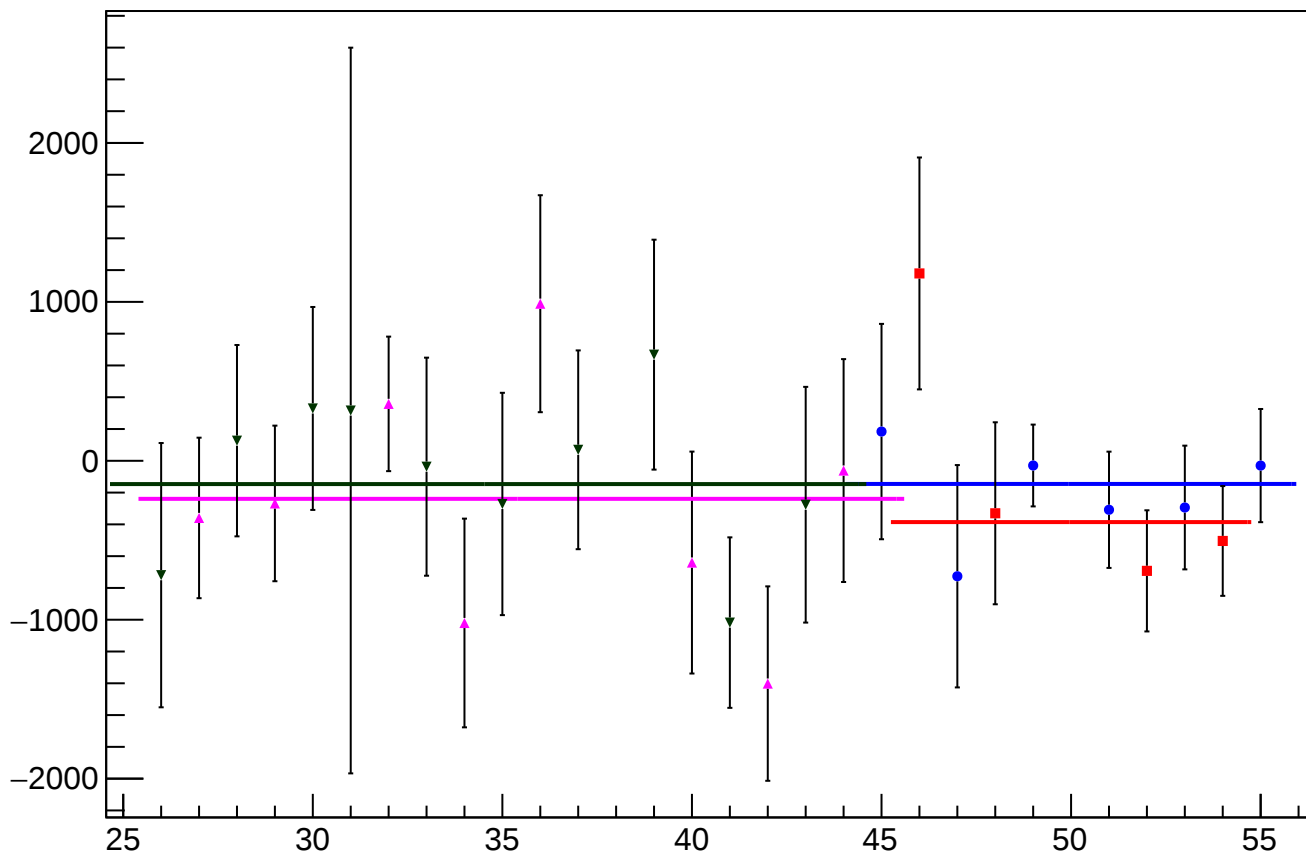
Right Out: 286.370 ± 0.142 $\chi^2/\text{NDF}: 4482.4/3$

Left In: 286.254 ± 0.090 $\chi^2/\text{NDF}: 7968.5/7$

279.430 ± 0.067 $\chi^2/\text{NDF}: 135086.3/15$

286.288 ± 0.076 $\chi^2/\text{NDF}: 12451.4/11$

asym_atr1l2_dd_correction_mean vs slug



Right In: -145.594 ± 155.652 χ^2/NDF : 1.6/5

Left Out: -146.460 ± 219.375 χ^2/NDF : 5.4/9

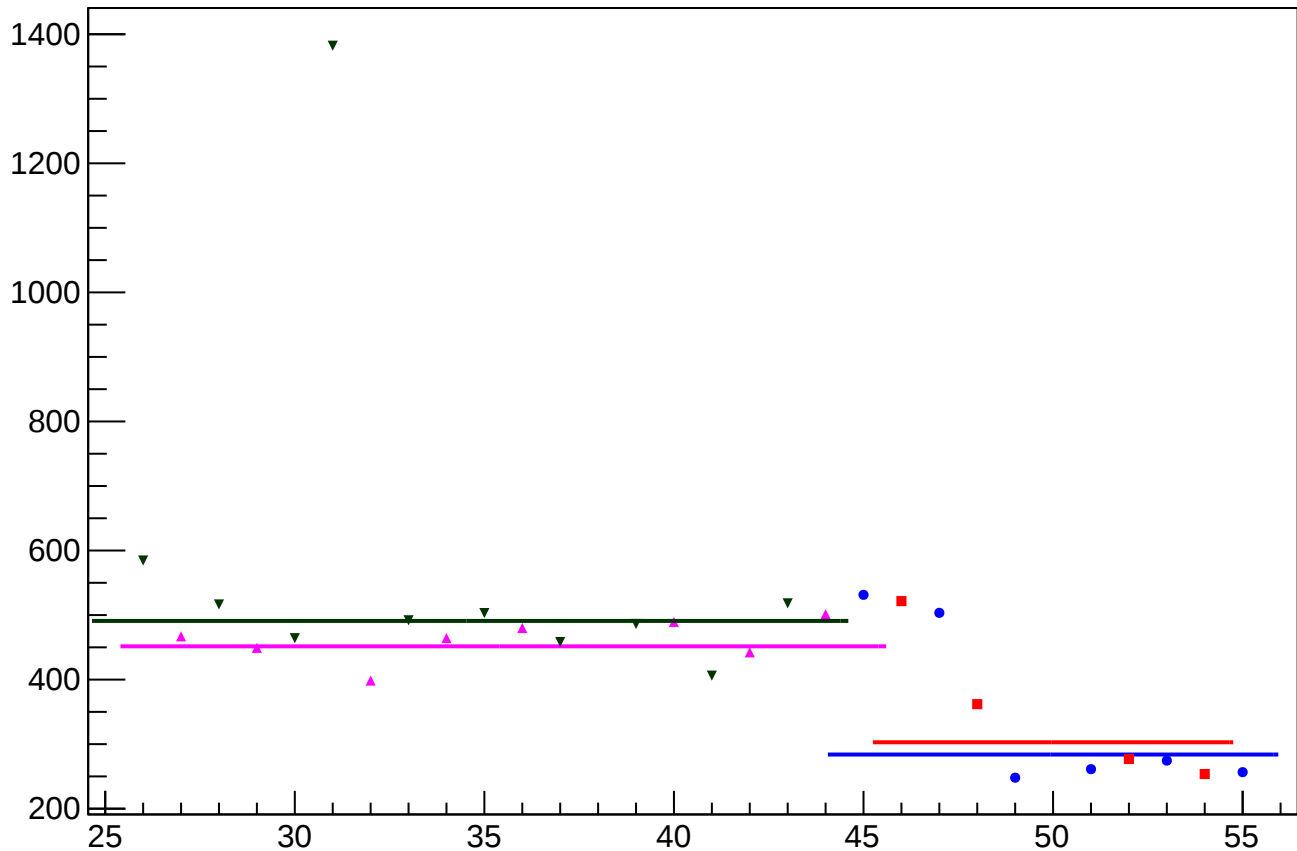
Right Out: -385.624 ± 222.531 χ^2/NDF : 5.4/3

Left In: -239.342 ± 200.411 χ^2/NDF : 10.7/7

-145.884 ± 126.945 χ^2/NDF : 7.0/15

-304.853 ± 148.920 χ^2/NDF : 16.3/11

asym_atr1l2_dd_correction_rms vs slug



Right In: 283.885 $\pm$ 0.110 χ^2 /NDF: 523201.1/5

Left Out: 490.946 $\pm$ 0.155 χ^2 /NDF: 396061.5/9

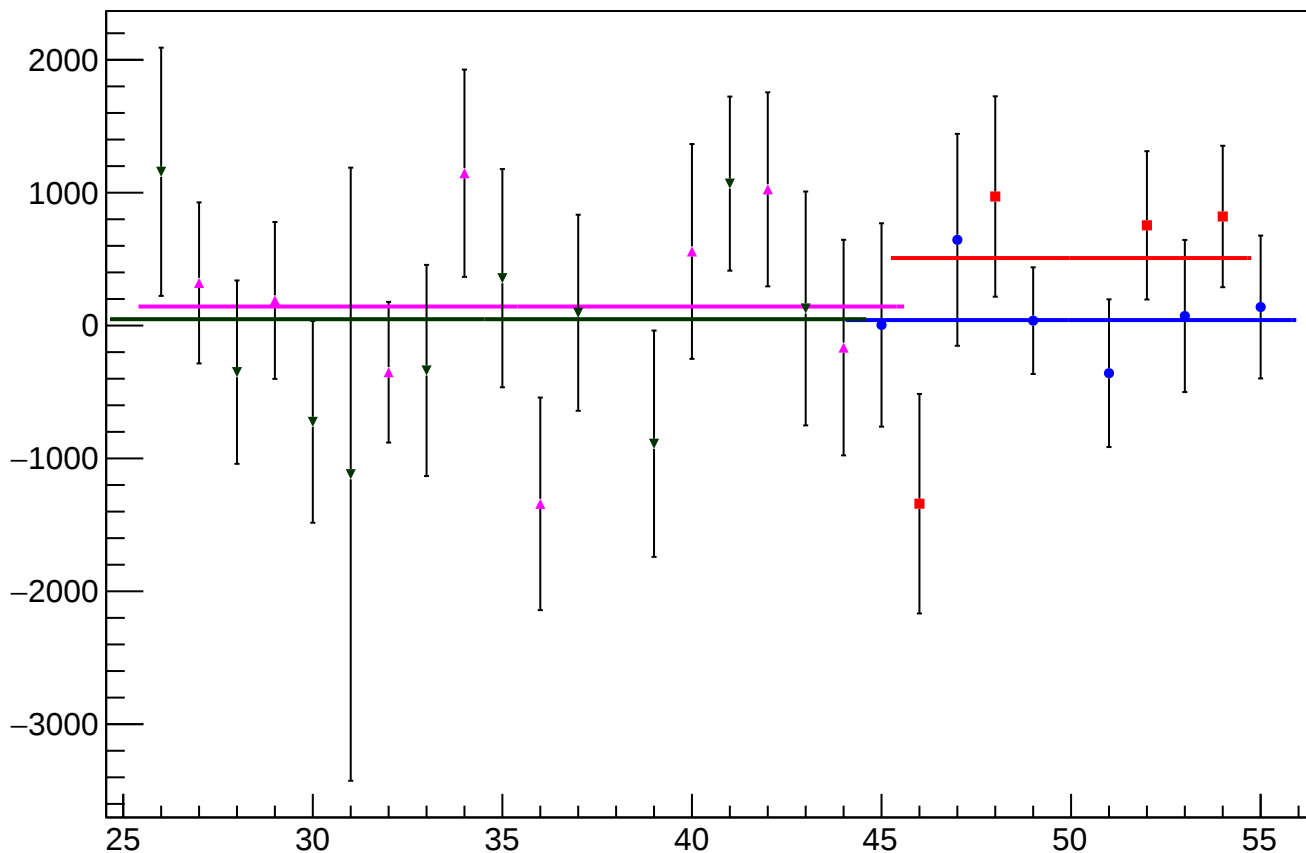
Right Out: 302.894 $\pm$ 0.157 χ^2 /NDF: 250902.0/3

Left In: 451.550 $\pm$ 0.142 χ^2 /NDF: 53985.5/7

353.220 $\pm$ 0.090 χ^2 /NDF: 2104411.1/15

384.975 $\pm$ 0.105 χ^2 /NDF: 797693.2/11

asym_atr1l2_dd_mean vs slug



Right In: 41.250+/-228.016 χ^2/NDF : 1.1/5

Left Out: 47.962+/-257.579 χ^2/NDF : 7.1/9

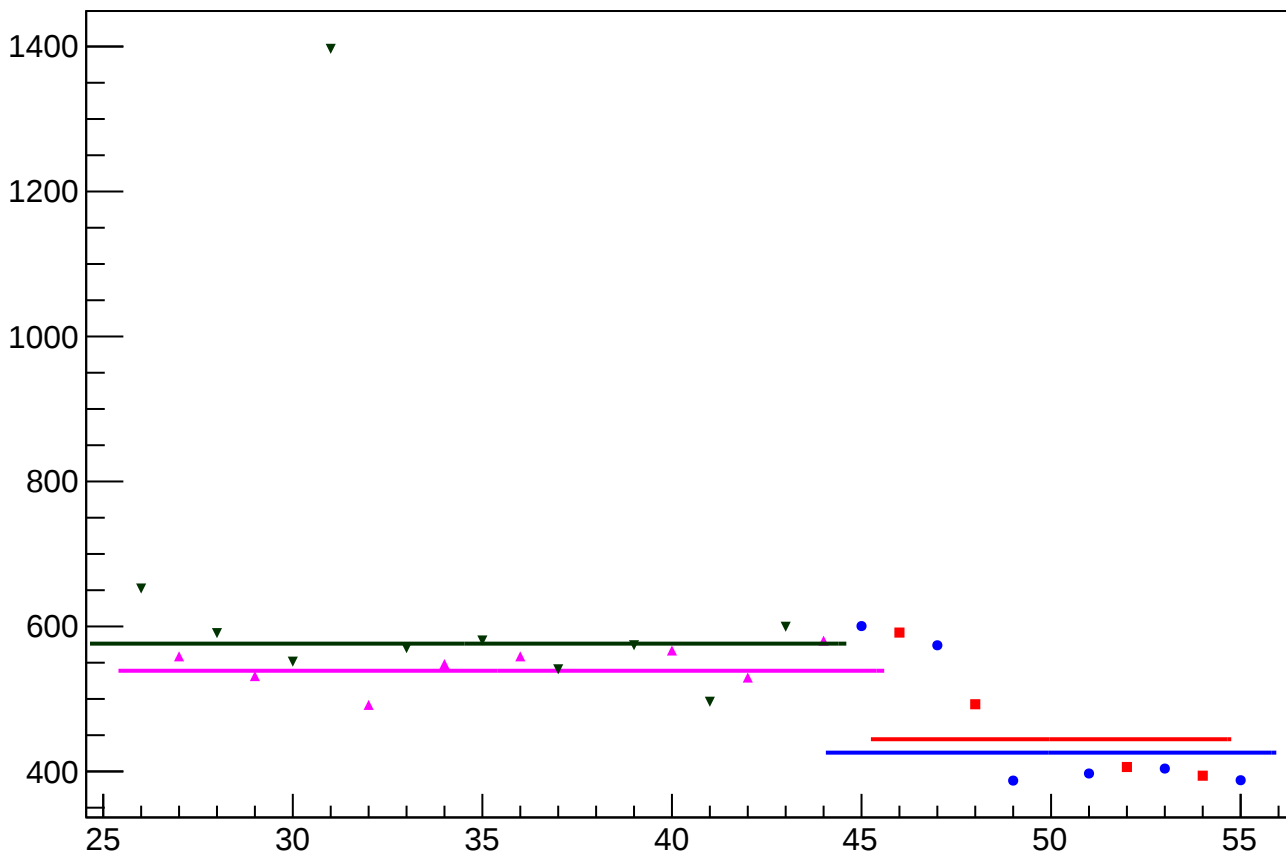
Right Out: 508.122+/-316.754 χ^2/NDF : 5.9/3

Left In: 143.227+/-240.493 χ^2/NDF : 7.9/7

44.199+/-170.732 χ^2/NDF : 8.2/15

276.656+/-191.541 χ^2/NDF : 14.7/11

asym_atr1l2_dd_rms vs slug



Right In: 425.927+/-0.161 χ^2/NDF : 209839.5/5

Left Out: 576.304+/-0.182 χ^2/NDF :305346.9/9

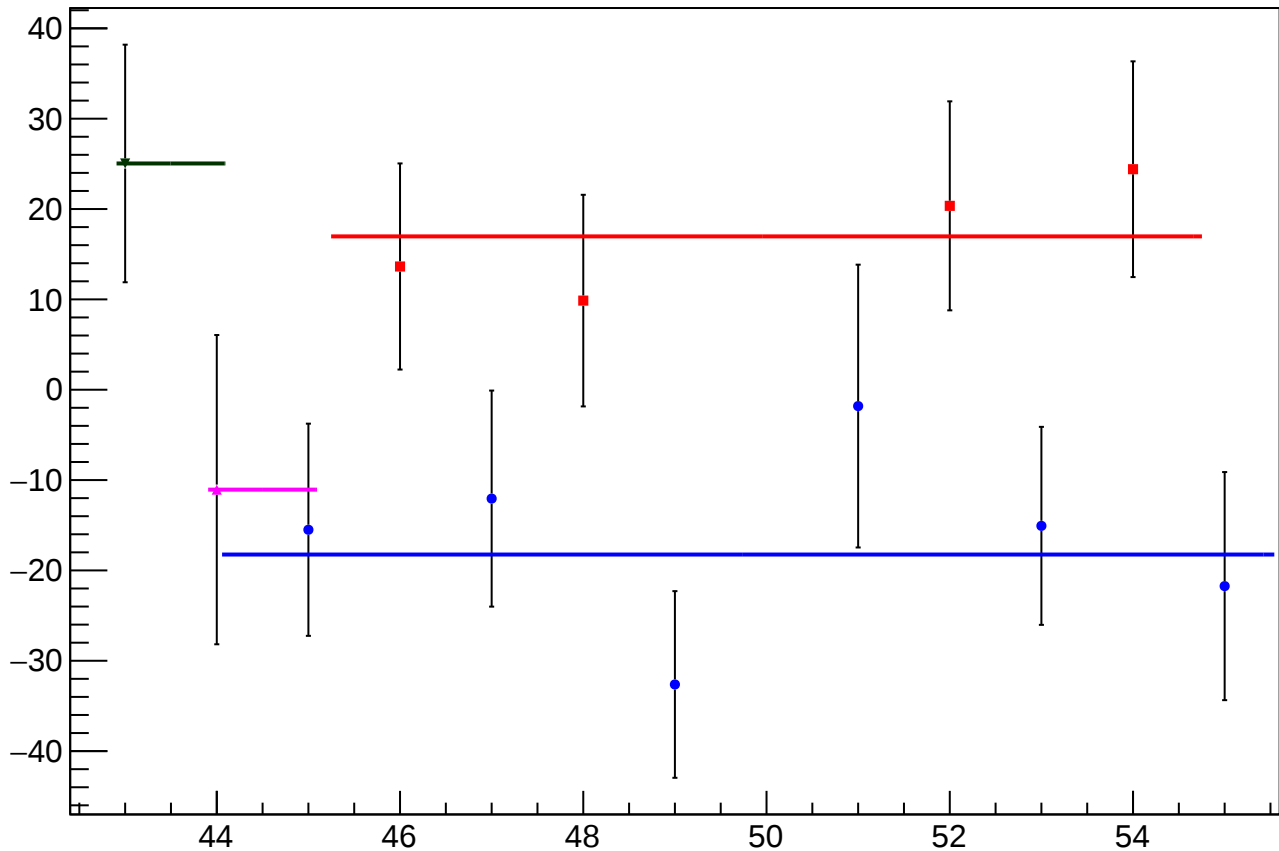
Right Out: 444.423+/-0.224 χ^2/NDF : 98938.0/3

Left In: 538.892+/-0.170 χ^2/NDF :27750.6/7

491.994+/-0.121 χ^2/NDF : 897363.1/15

504.348+/-0.135 χ^2/NDF : 239533.3/11

diff_bpm0l01X_mean vs slug



Right In: -18.242 $\pm$ 4.862 χ^2/NDF : 3.5/5

Left Out: 25.043 $\pm$ 13.149 χ^2/NDF : 0.0/0

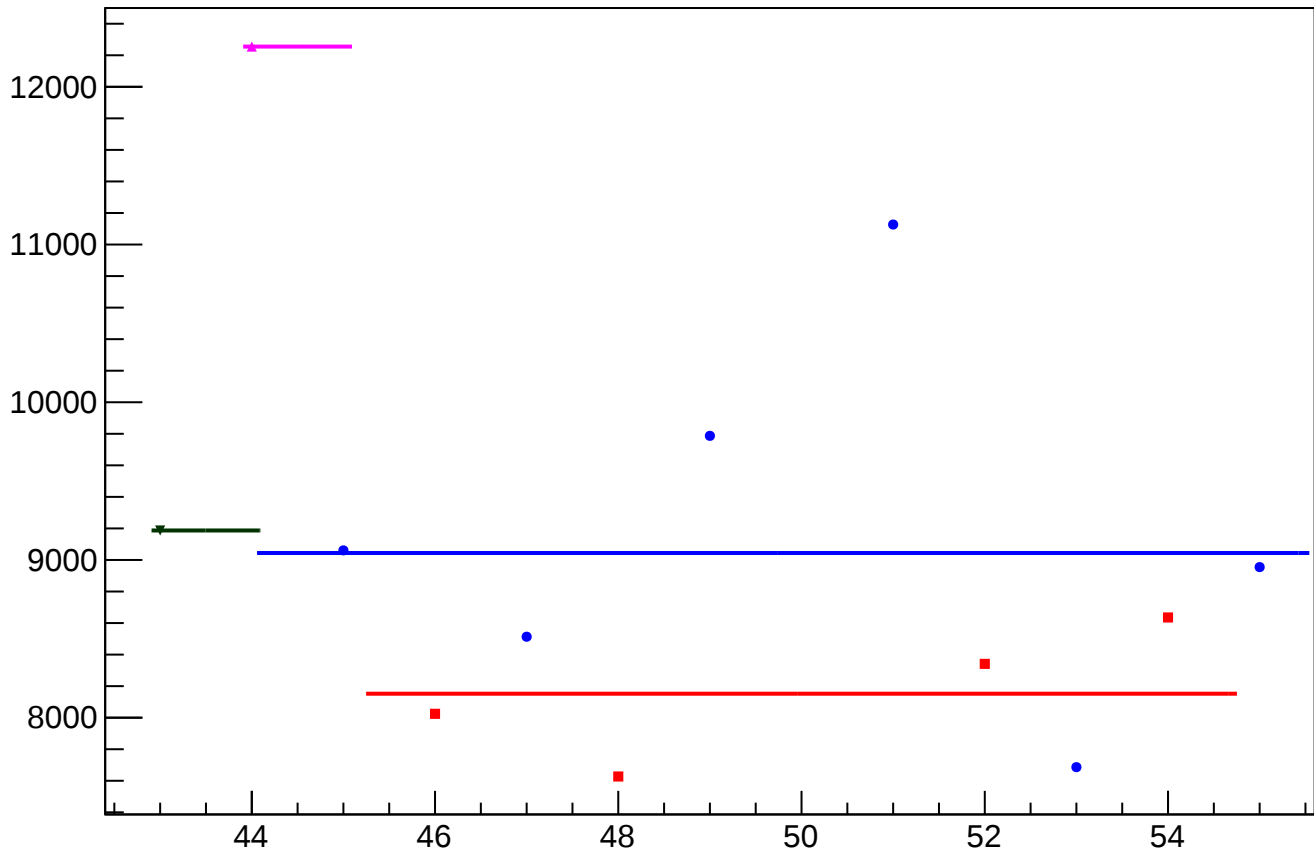
Right Out: 16.972 $\pm$ 5.826 χ^2/NDF : 0.9/3

Left In: -11.060 $\pm$ 17.116 χ^2/NDF : 0.0/0

-13.035 $\pm$ 4.560 χ^2/NDF : 13.1/6

14.061 $\pm$ 5.515 χ^2/NDF : 3.3/4

diff_bpm0l01X_rms vs slug



Right In: 9044.229 ± 3.438 χ^2/NDF : 80503.4/5

Left Out: 9187.011 ± 9.298 χ^2/NDF : 0.0/0

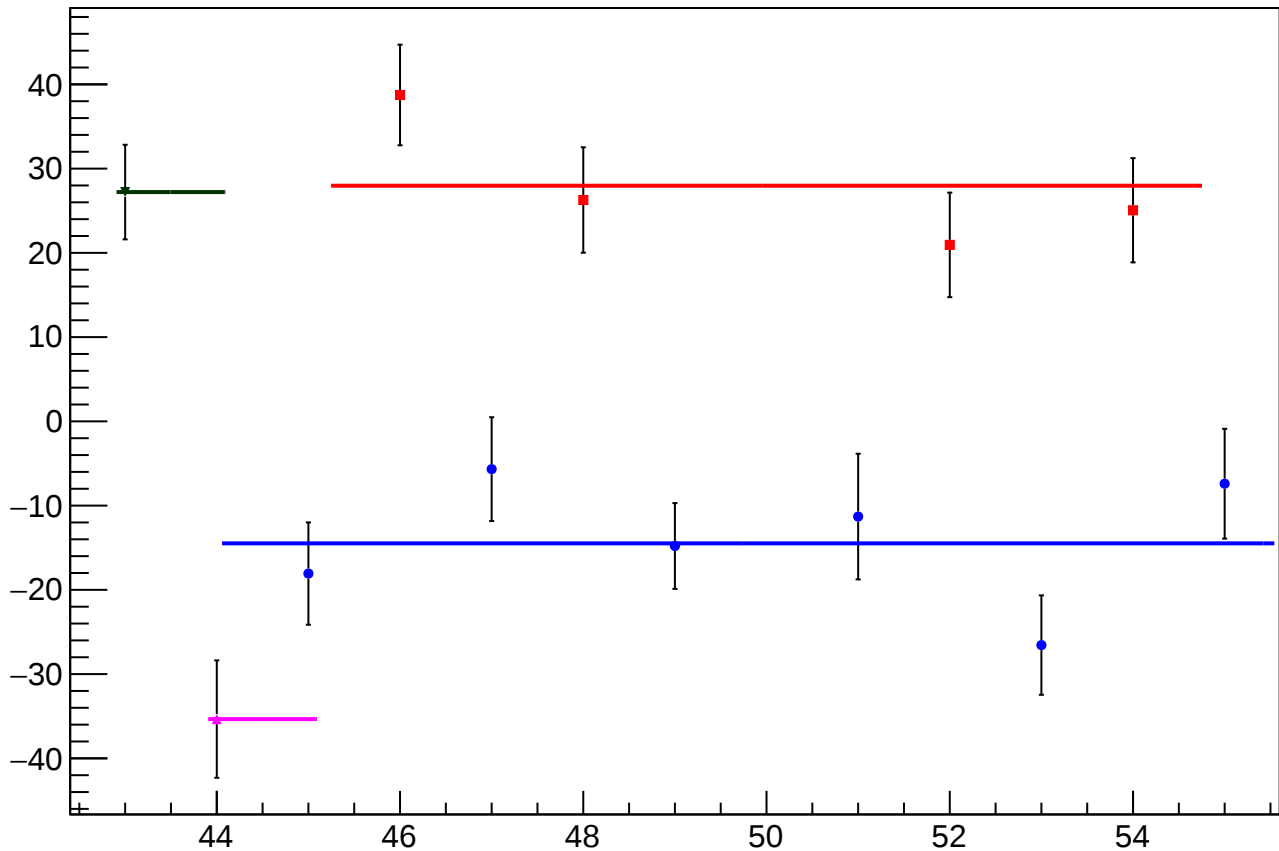
Right Out: 8152.027 ± 4.119 χ^2/NDF : 8081.5/3

Left In: 12255.114 ± 12.103 χ^2/NDF : 0.0/0

9061.403 ± 3.225 χ^2/NDF : 80710.9/6

8578.015 ± 3.900 χ^2/NDF : 111085.9/4

diff_bpm0l01Y_mean vs slug



Right In: -14.482 $\pm$ 2.482 χ^2 /NDF: 7.9/5

Left Out: 27.217 $\pm$ 5.615 χ^2 /NDF: 0.0/0

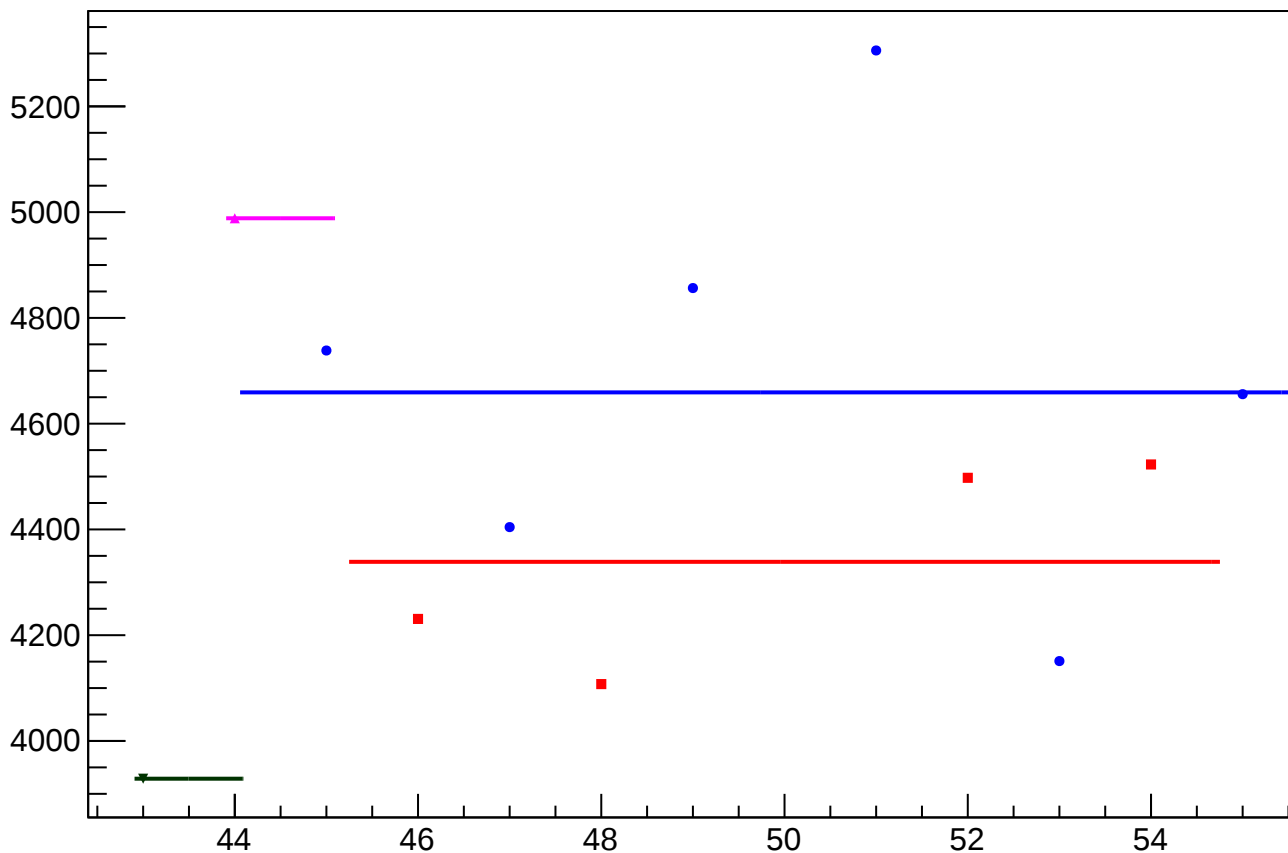
Right Out: 27.969 $\pm$ 3.077 χ^2 /NDF: 4.8/3

Left In: -35.342 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-7.664 $\pm$ 2.270 χ^2 /NDF: 54.1/6

17.639 $\pm$ 2.814 χ^2 /NDF: 73.9/4

diff_bpm0l01Y_rms vs slug



Right In: 4659.157 $\pm$ 1.755 χ^2 /NDF: 36625.3/5

Left Out: 3928.623 $\pm$ 3.970 χ^2 /NDF: 0.0/0

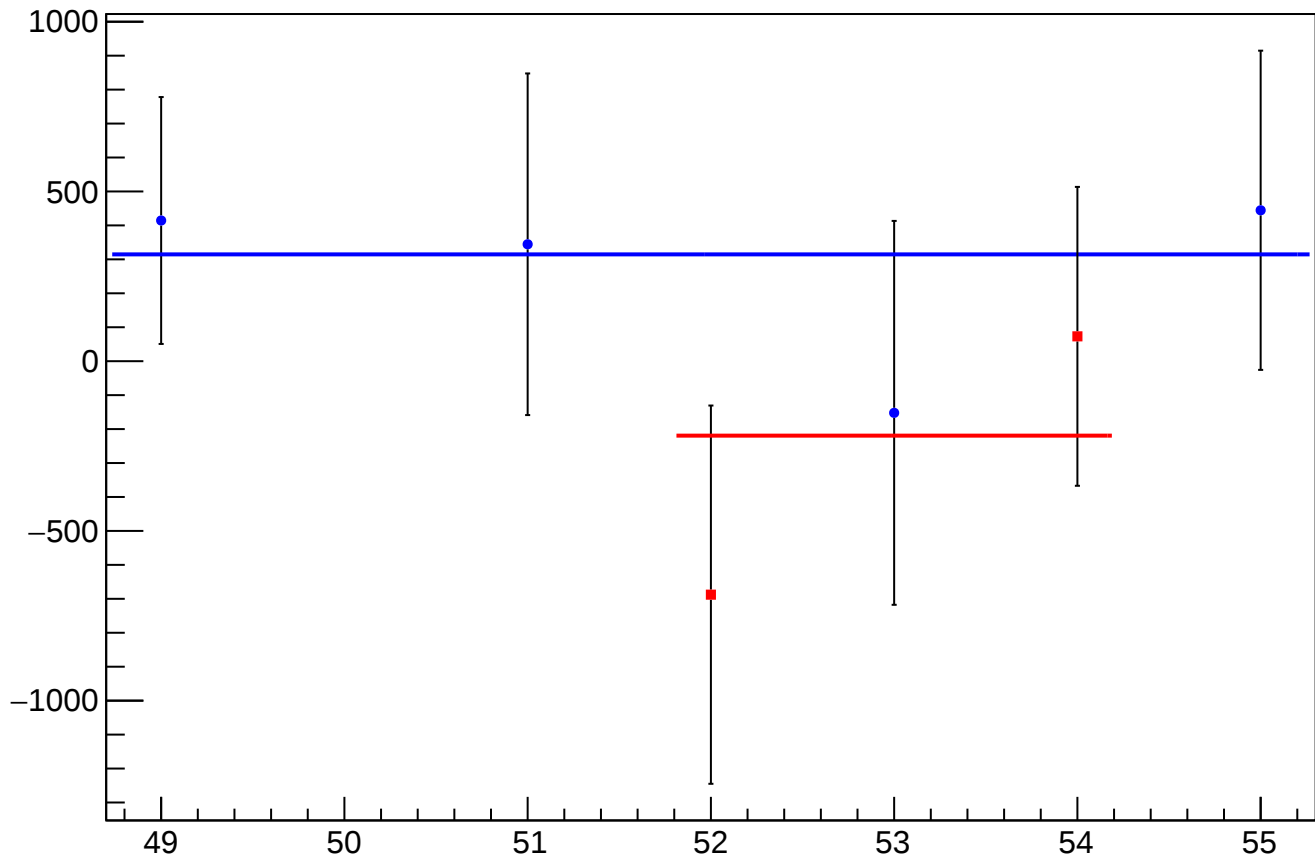
Right Out: 4338.732 $\pm$ 2.176 χ^2 /NDF: 6466.5/3

Left In: 4988.411 $\pm$ 4.927 χ^2 /NDF: 0.0/0

4539.711 $\pm$ 1.605 χ^2 /NDF: 64945.0/6

4444.739 $\pm$ 1.990 χ^2 /NDF: 21018.2/4

asym_ds_agg_av_mean vs slug



Right In: 314.642 $\pm$ 228.439 χ^2 /NDF: 0.8/3

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

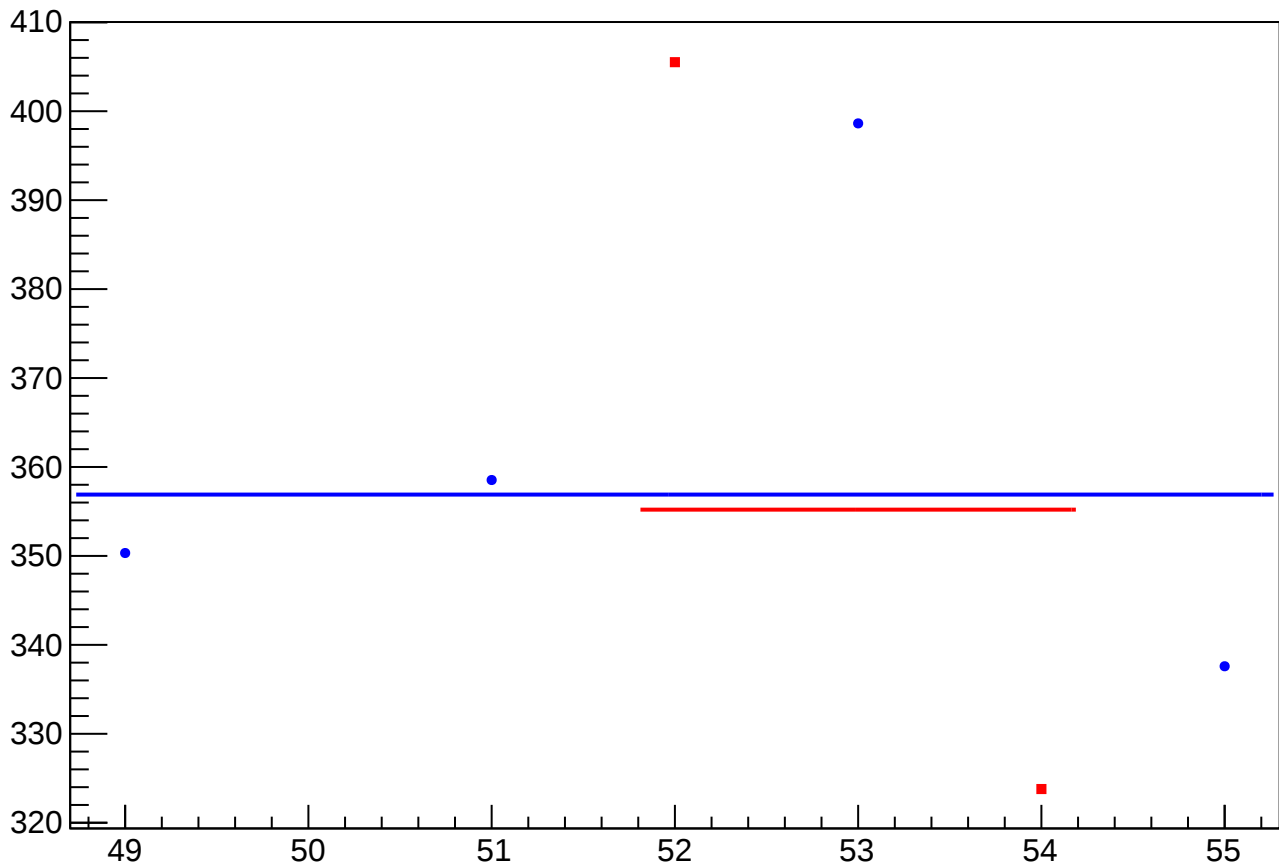
Right Out: -219.309 $\pm$ 345.419 χ^2 /NDF: 1.1/1

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

314.642 $\pm$ 228.439 χ^2 /NDF: 0.8/3

-219.309 $\pm$ 345.419 χ^2 /NDF: 1.1/1

asym_ds_agg_av_rms vs slug



Right In: 356.897 $\pm$ 0.162 χ^2 /NDF: 14940.3/3

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

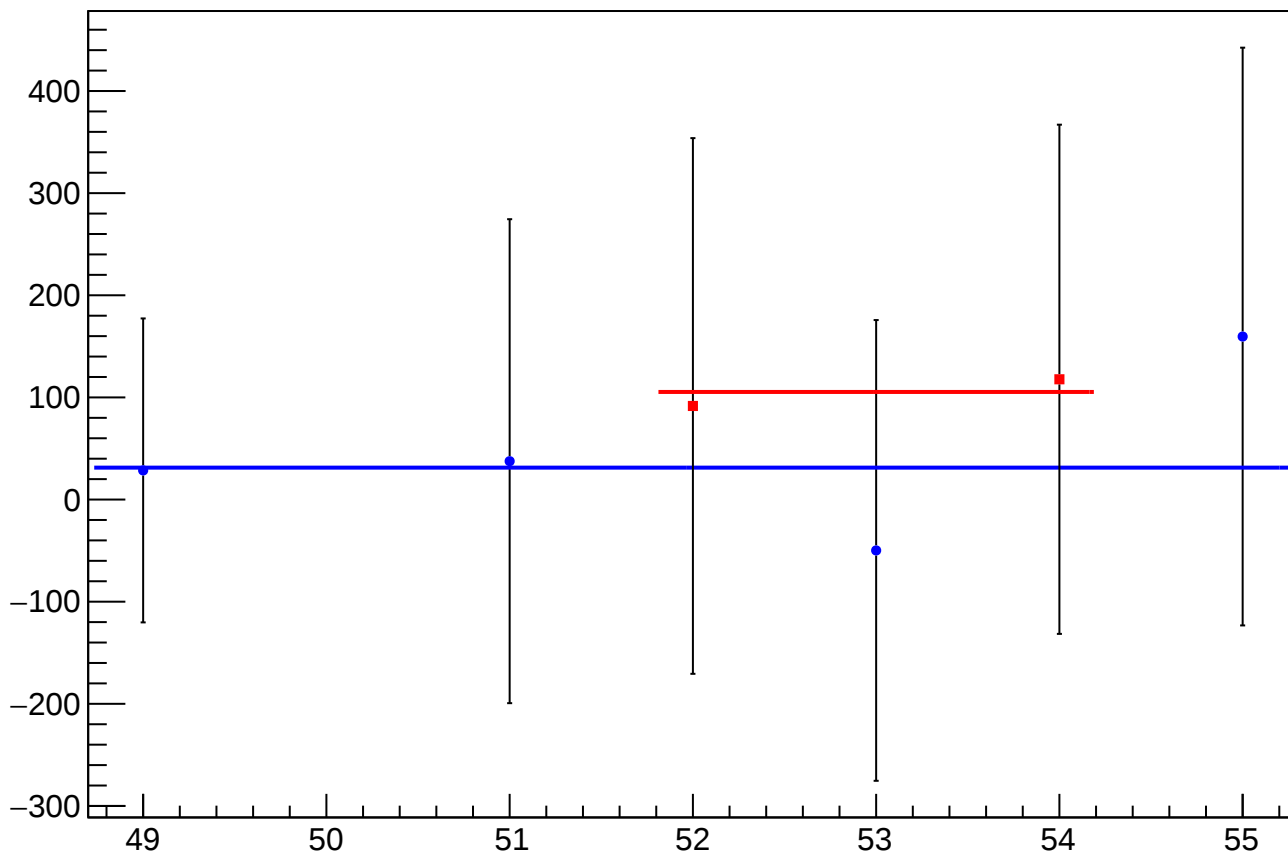
356.897 $\pm$ 0.162 χ^2 /NDF: 14940.3/3

Right Out: 355.203 $\pm$ 0.244 χ^2 /NDF: 26491.0/1

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

355.203 $\pm$ 0.244 χ^2 /NDF: 26491.0/1

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 31.254+/-102.526 χ^2/NDF : 0.3/3

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

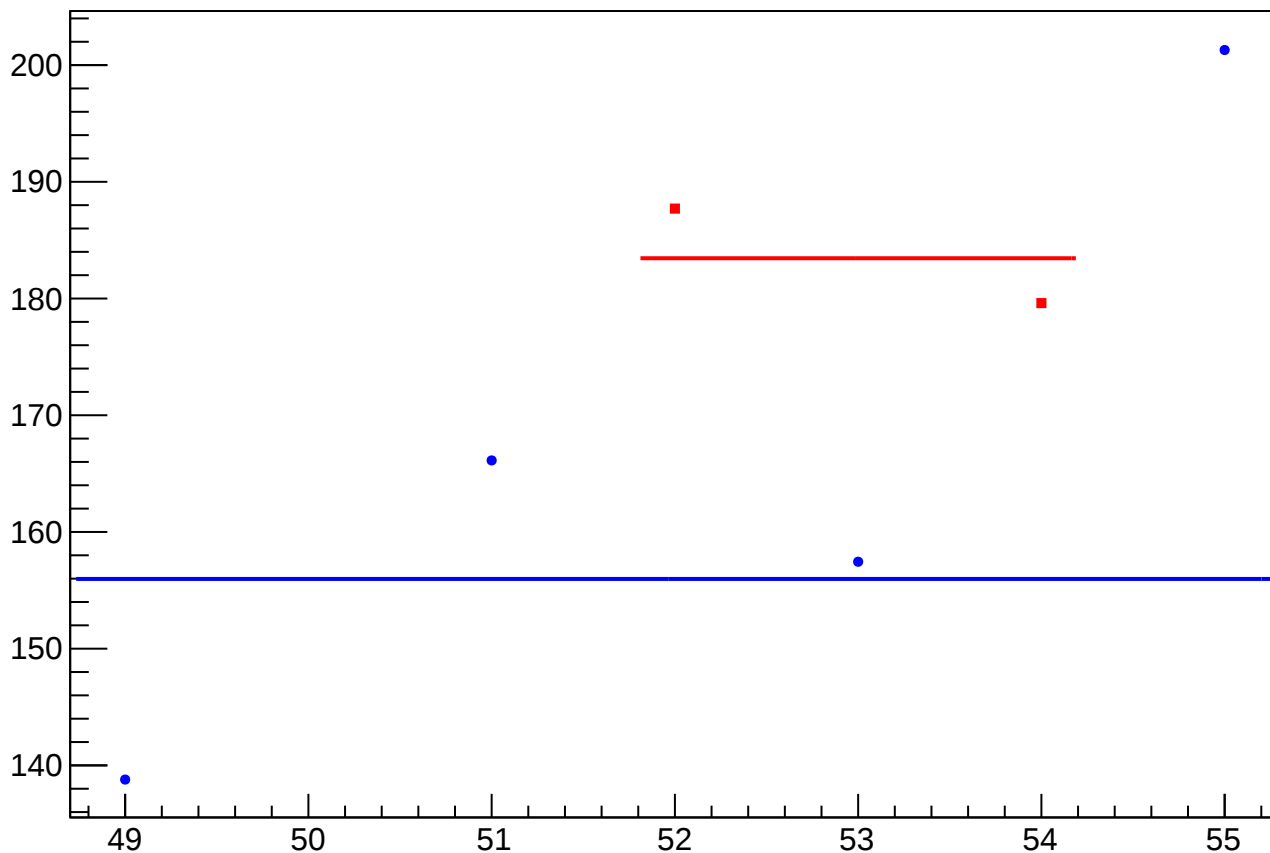
Right Out: 105.349+/-180.681 χ^2/NDF : 0.0/1

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

31.254+/-102.526 χ^2/NDF : 0.3/3

105.349+/-180.681 χ^2/NDF : 0.0/1

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 155.975 $\pm$ 0.072 χ^2 /NDF: 81794.8/3

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

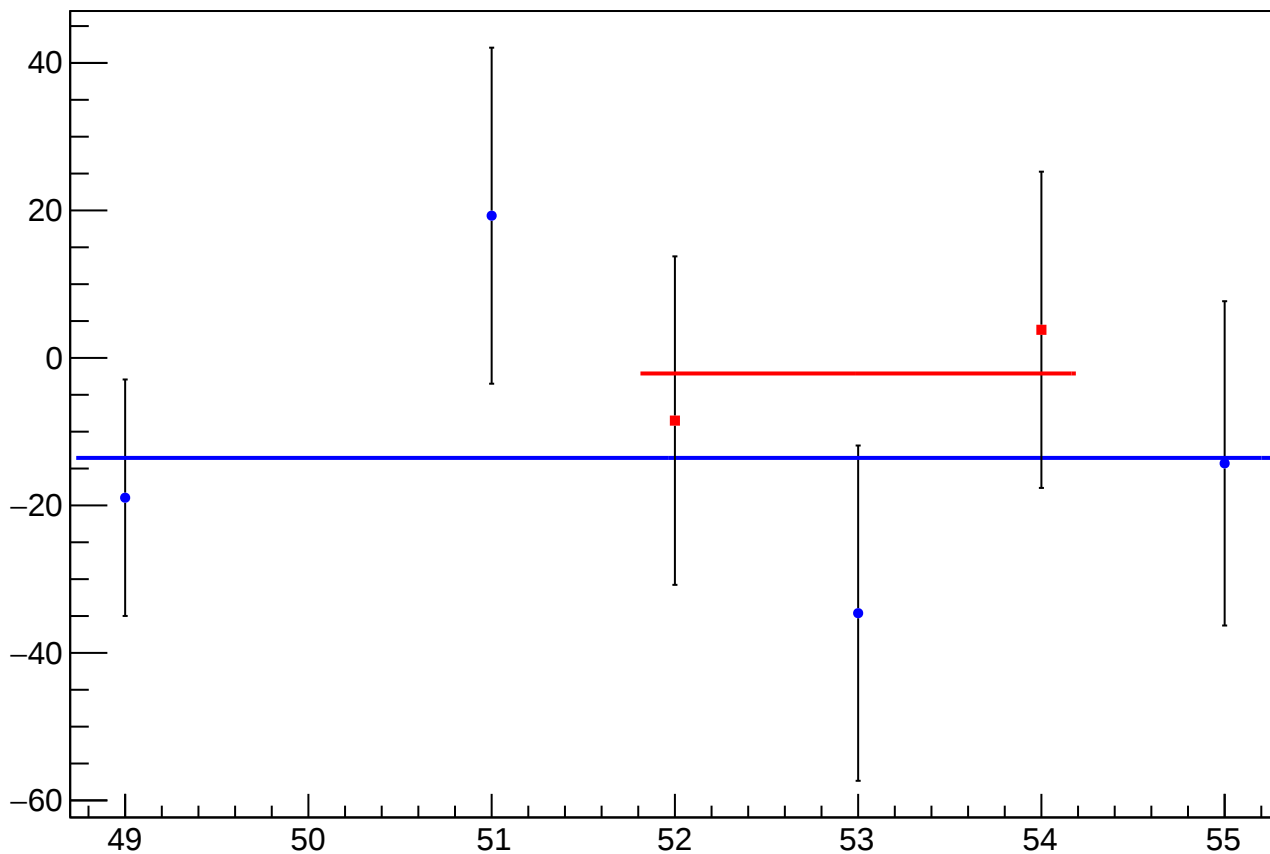
155.975 $\pm$ 0.072 χ^2 /NDF: 81794.8/3

Right Out: 183.452 $\pm$ 0.128 χ^2 /NDF: 1001.6/1

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

183.452 $\pm$ 0.128 χ^2 /NDF: 1001.6/1

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -13.558 $\pm$ 10.092 χ^2 /NDF: 3.1/3

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

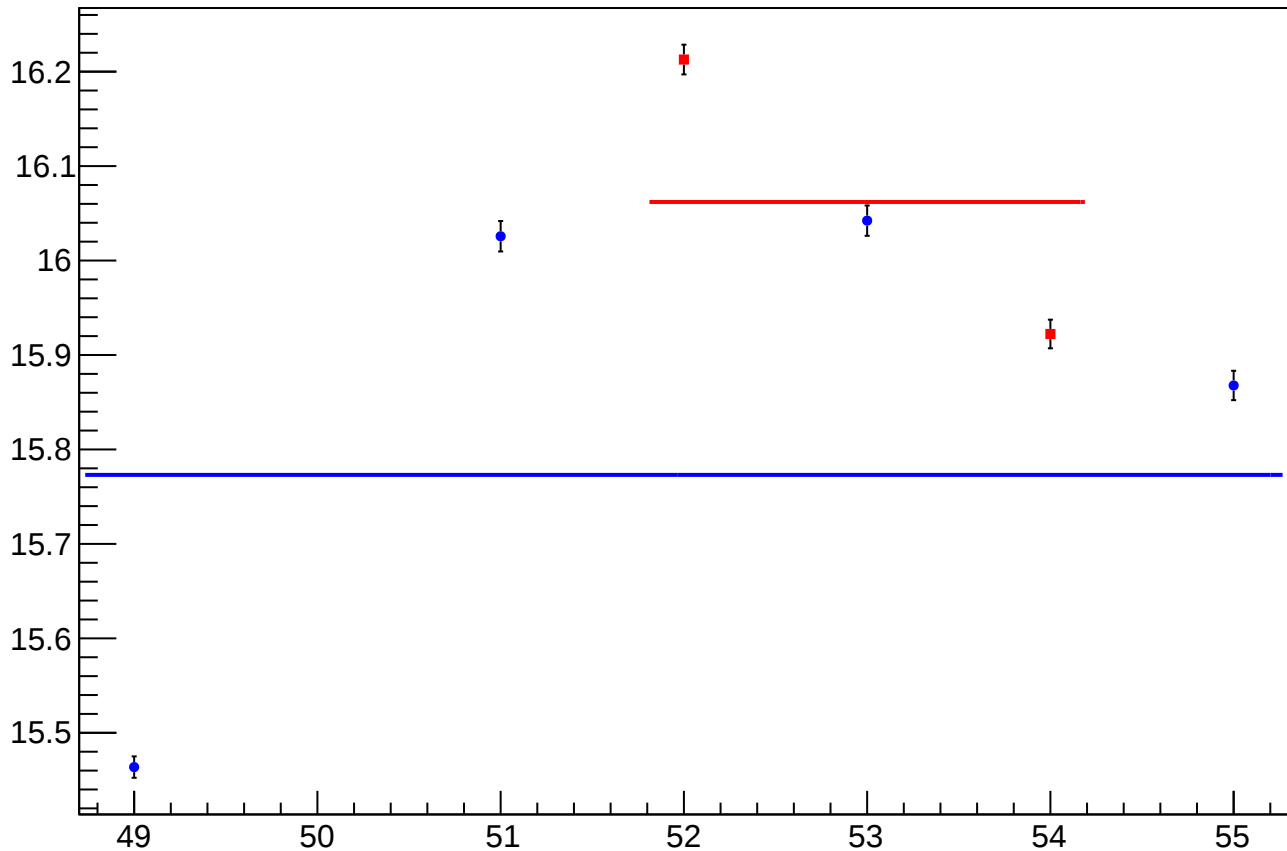
Right Out: -2.110 $\pm$ 15.447 χ^2 /NDF: 0.2/1

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

-13.558 $\pm$ 10.092 χ^2 /NDF: 3.1/3

-2.110 $\pm$ 15.447 χ^2 /NDF: 0.2/1

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.773 $\pm$ 0.007 χ^2 /NDF: 1308.0/3

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

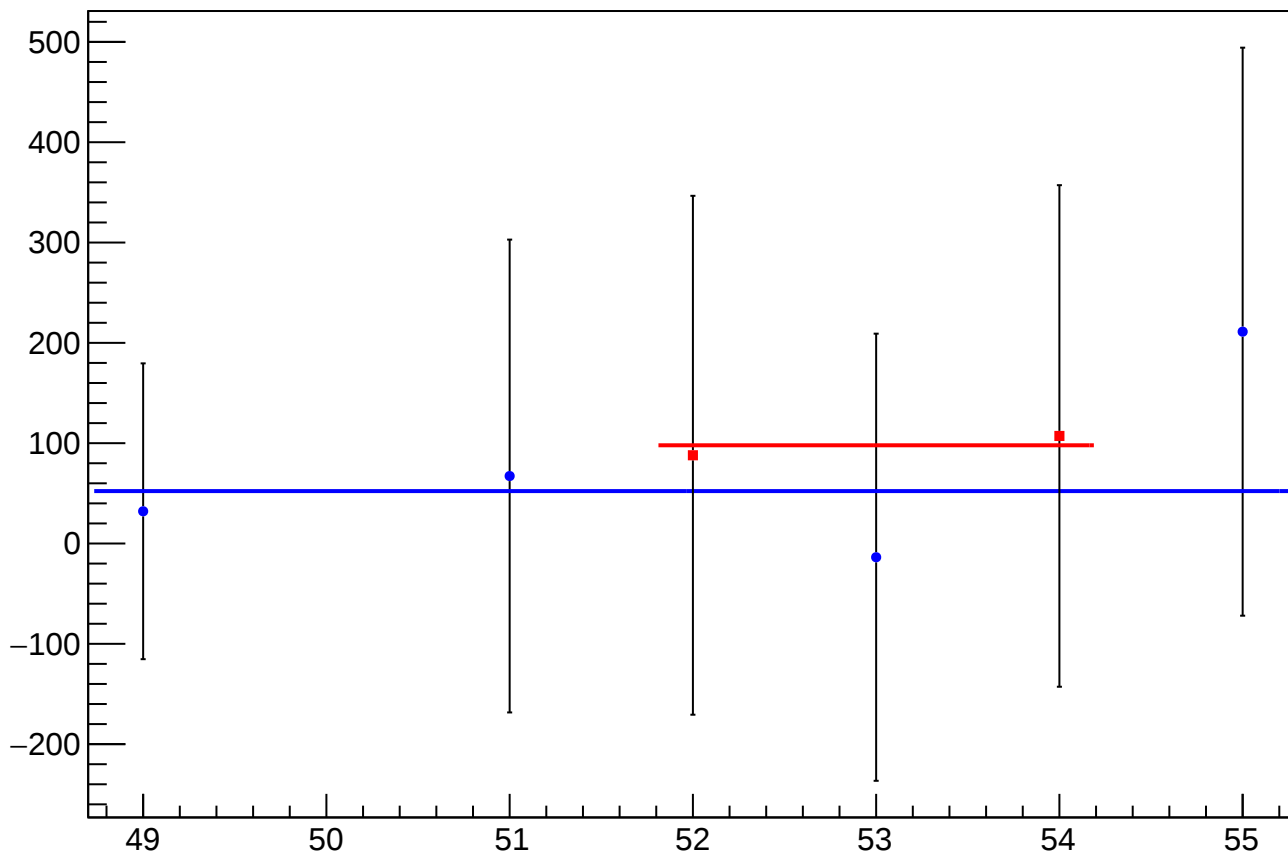
Right Out: 16.062 $\pm$ 0.011 χ^2 /NDF: 176.6/1

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

15.773 $\pm$ 0.007 χ^2 /NDF: 1308.0/3

16.062 $\pm$ 0.011 χ^2 /NDF: 176.6/1

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 52.247 +/- 101.731 χ^2/NDF : 0.4/3

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

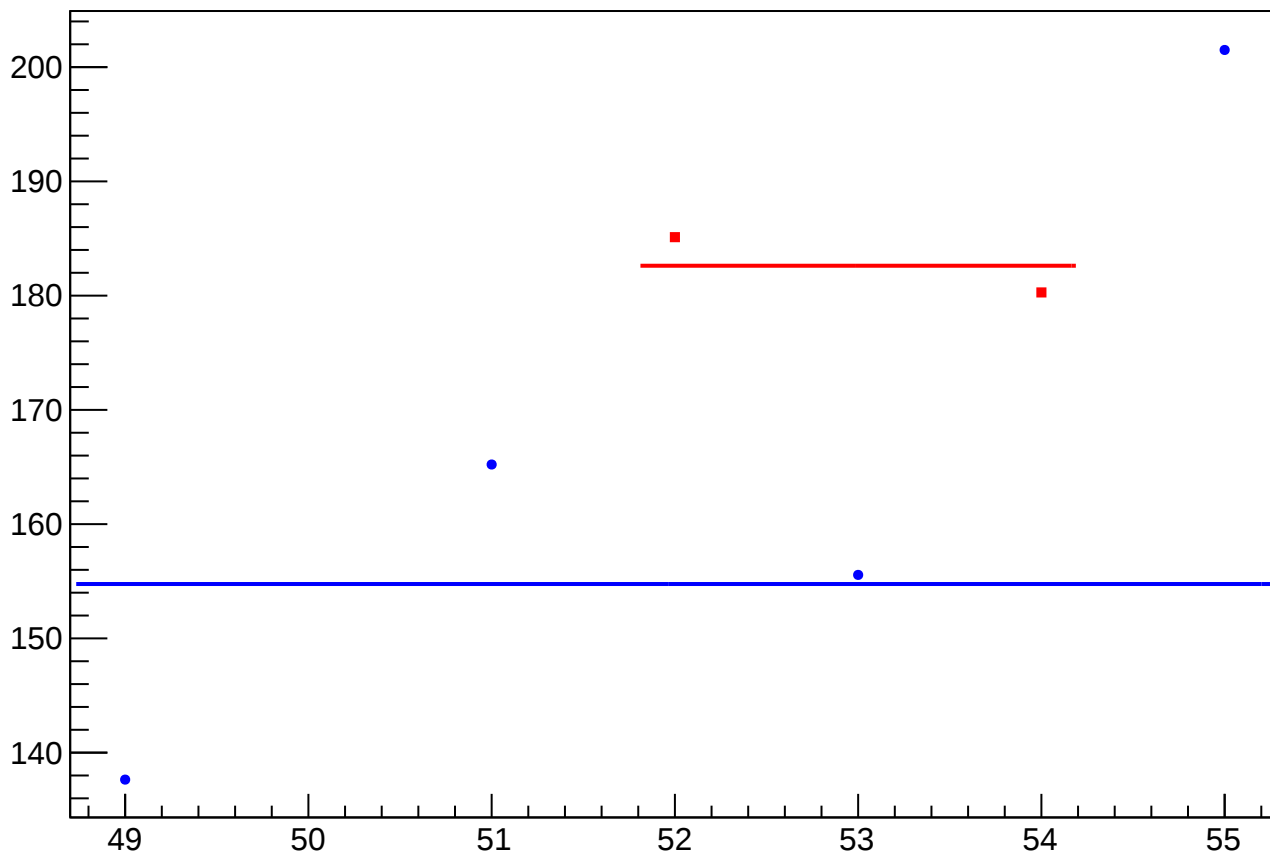
Right Out: 97.904 +/- 179.741 χ^2/NDF : 0.0/1

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

52.247 +/- 101.731 χ^2/NDF : 0.4/3

97.904 +/- 179.741 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 154.759 $\pm$ 0.072 χ^2 /NDF: 85459.5/3

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

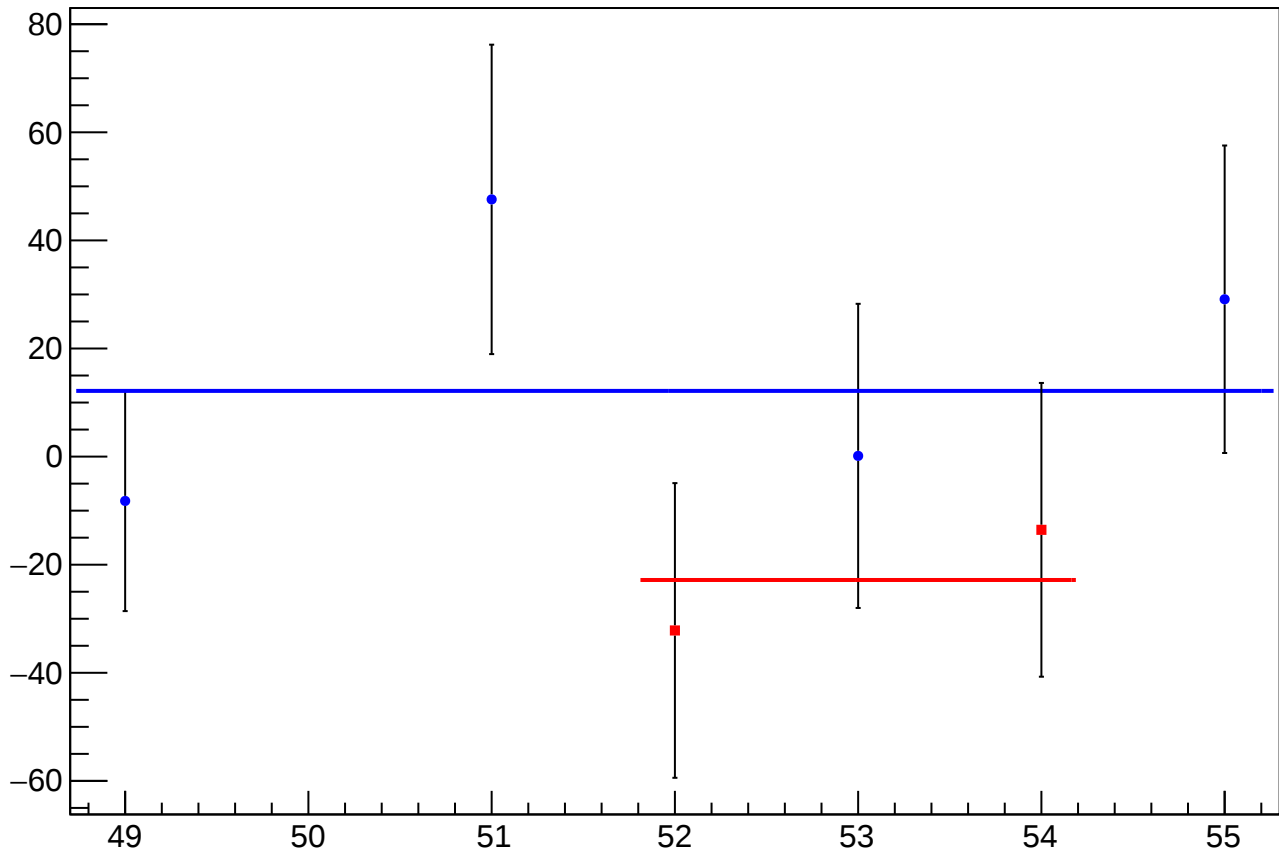
Right Out: 182.617 $\pm$ 0.127 χ^2 /NDF: 361.9/1

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

154.759 $\pm$ 0.072 χ^2 /NDF: 85459.5/3

182.617 $\pm$ 0.127 χ^2 /NDF: 361.9/1

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: 12.156+/-12.776 χ^2/NDF : 3.1/3

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

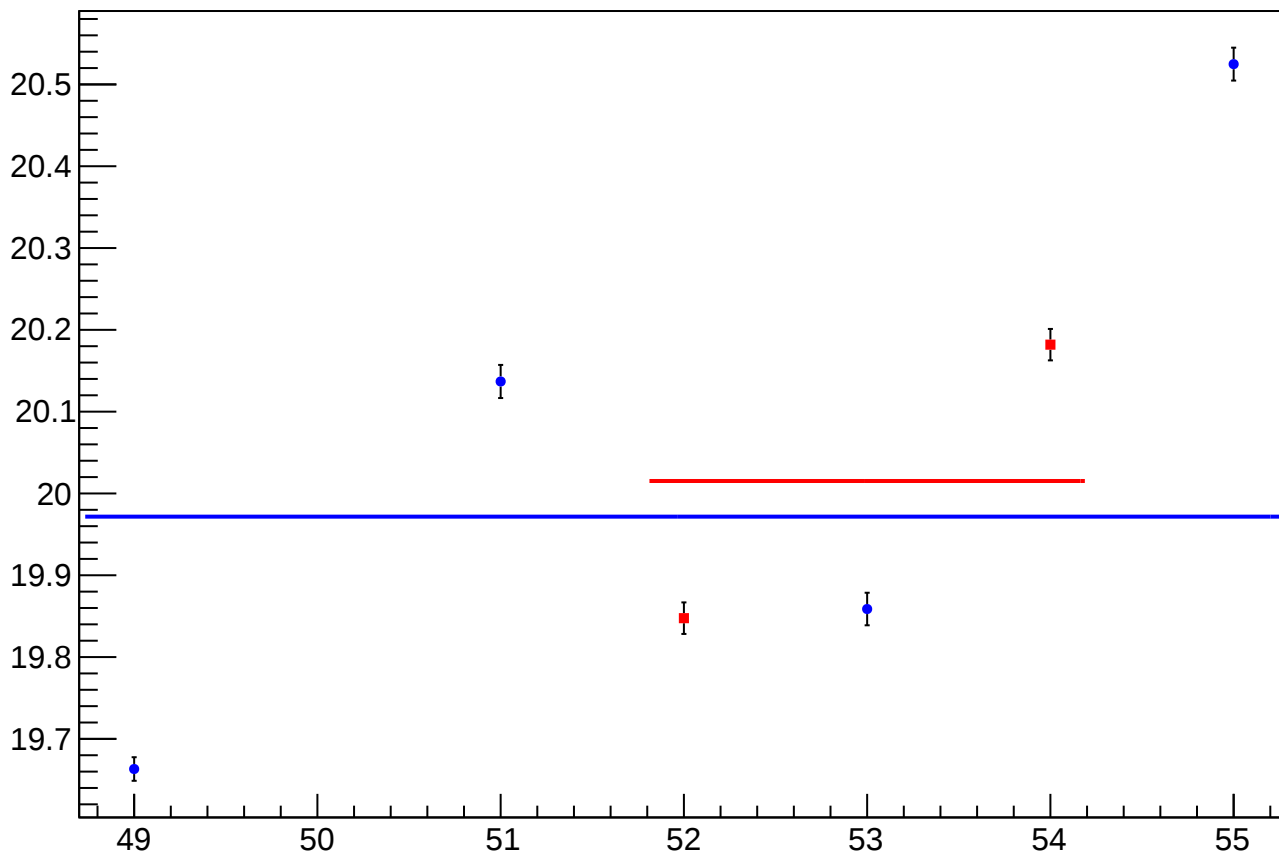
Right Out: -22.829+/-19.246 χ^2/NDF : 0.2/1

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

12.156+/-12.776 χ^2/NDF : 3.1/3

-22.829+/-19.246 χ^2/NDF : 0.2/1

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.972 ± 0.009 $\chi^2/\text{NDF}: 1313.4/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

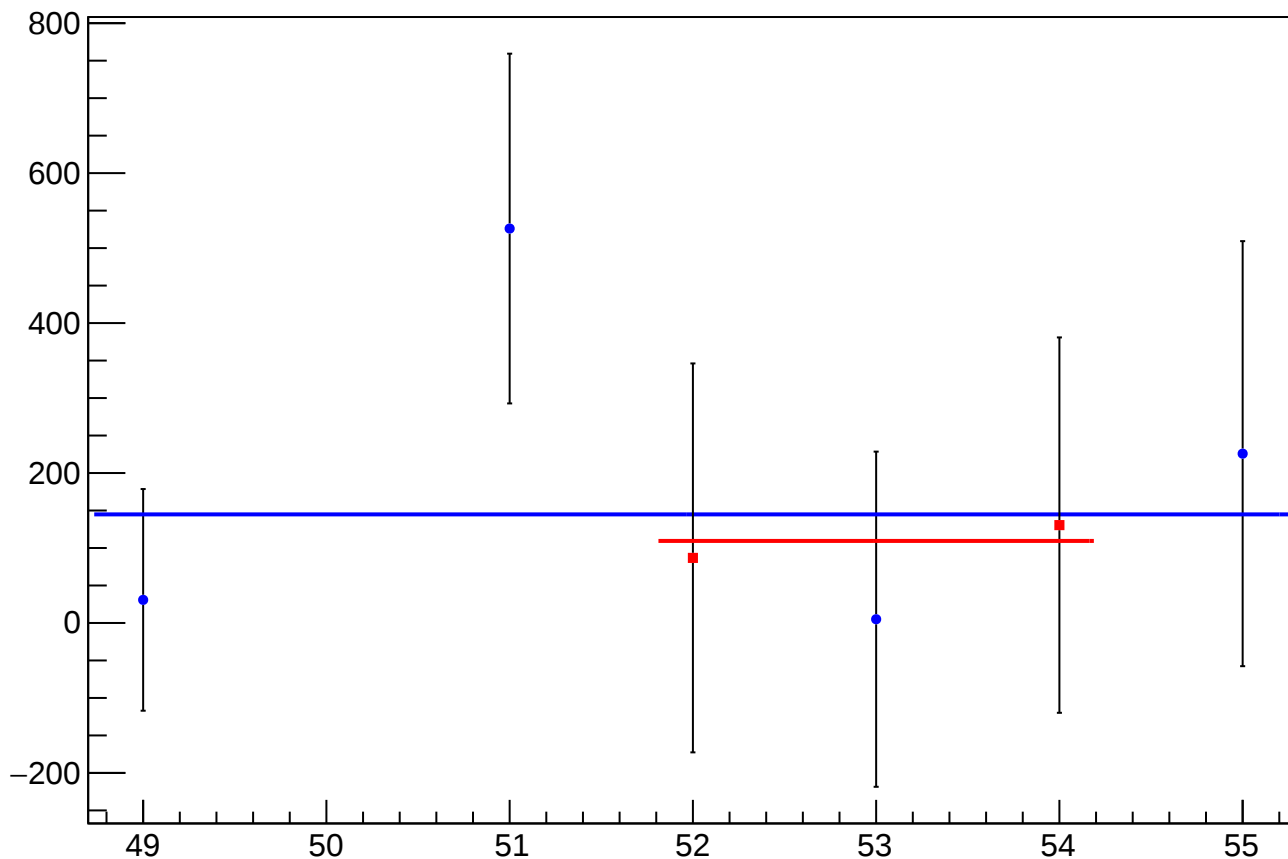
Right Out: 20.015 ± 0.014 $\chi^2/\text{NDF}: 150.9/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

19.972 ± 0.009 $\chi^2/\text{NDF}: 1313.4/3$

20.015 ± 0.014 $\chi^2/\text{NDF}: 150.9/1$

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 144.833+/-101.746 χ^2/NDF : 3.7/3

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

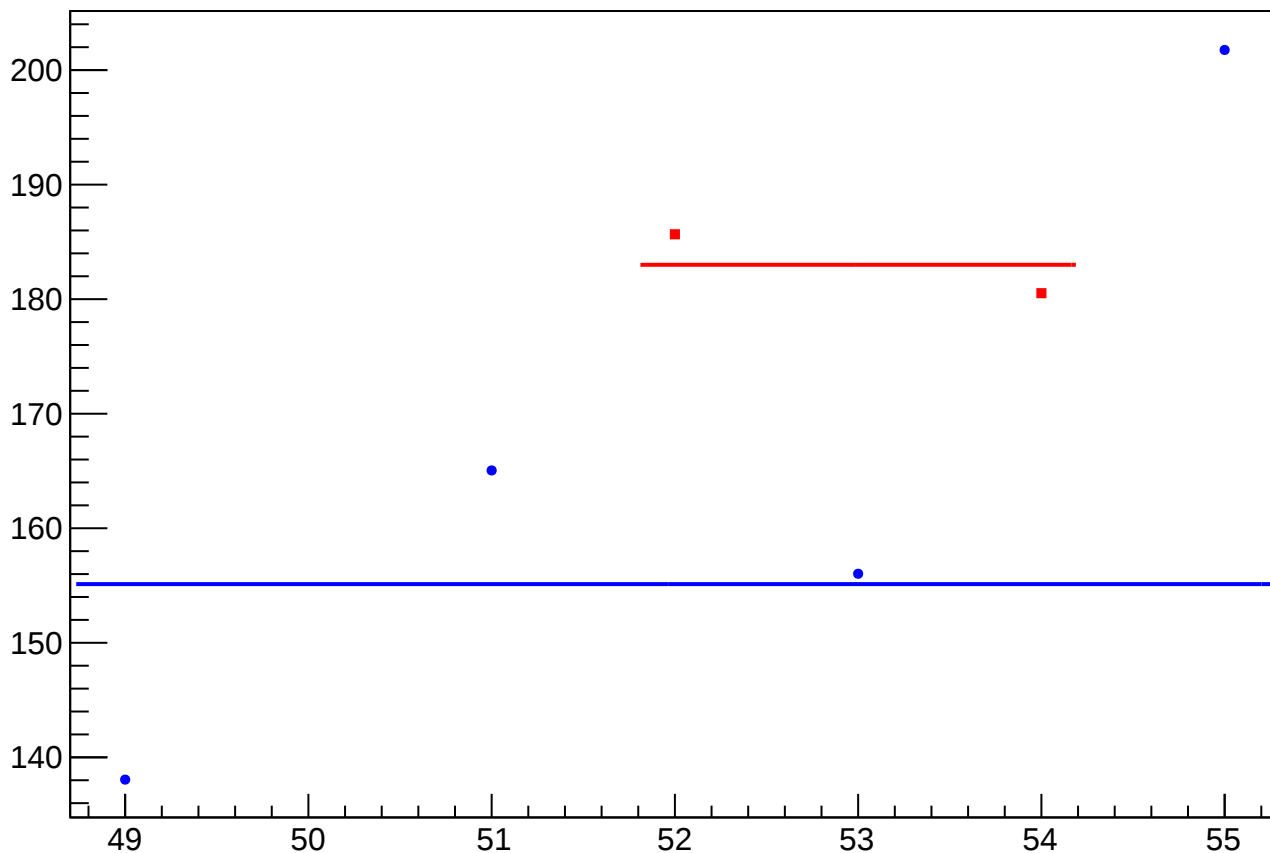
Right Out: 109.434+/-180.128 χ^2/NDF : 0.0/1

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

144.833+/-101.746 χ^2/NDF : 3.7/3

109.434+/-180.128 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 155.124+/-0.072 χ^2/NDF : 84442.0/3

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

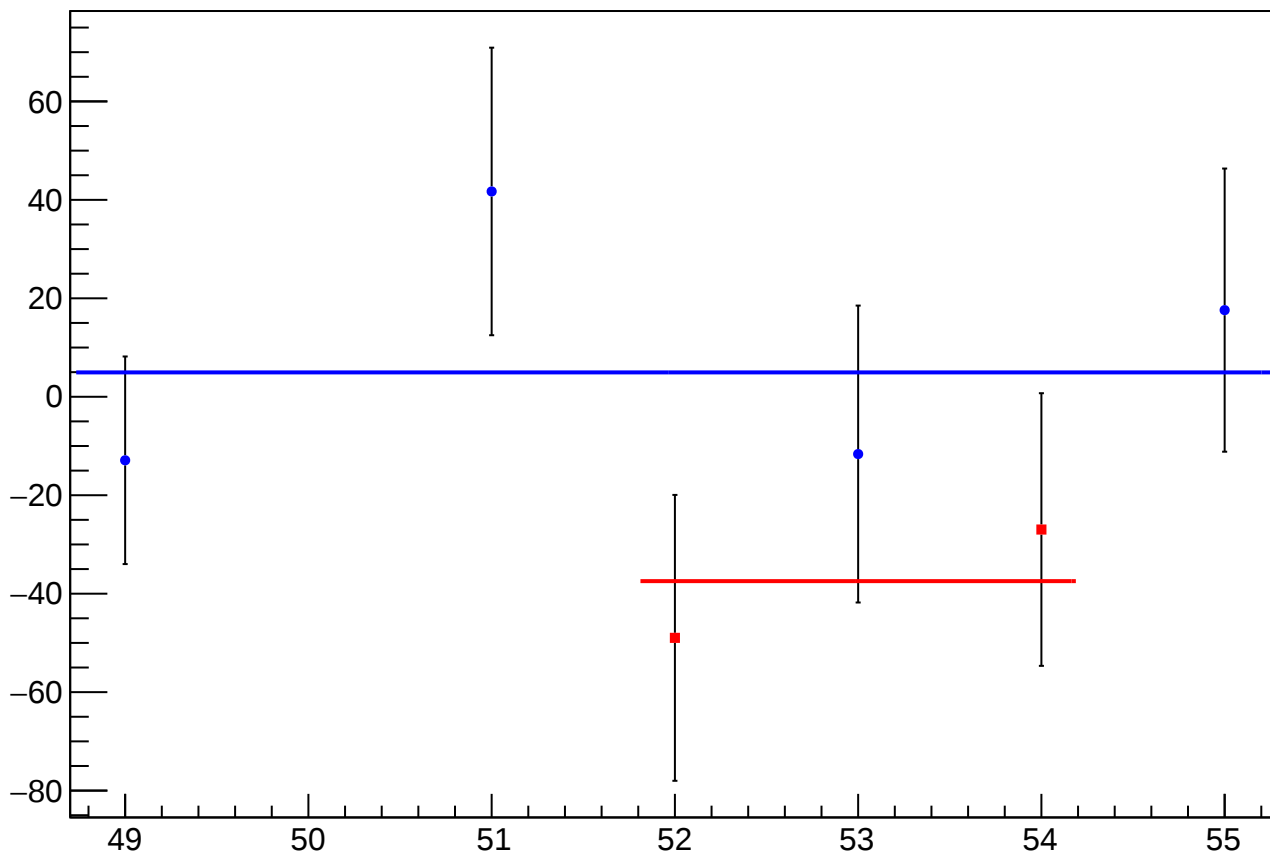
155.124+/-0.072 χ^2/NDF : 84442.0/3

Right Out: 183.003+/-0.127 χ^2/NDF : 407.2/1

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

183.003+/-0.127 χ^2/NDF : 407.2/1

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: 4.950+/-13.210 χ^2/NDF : 2.8/3

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

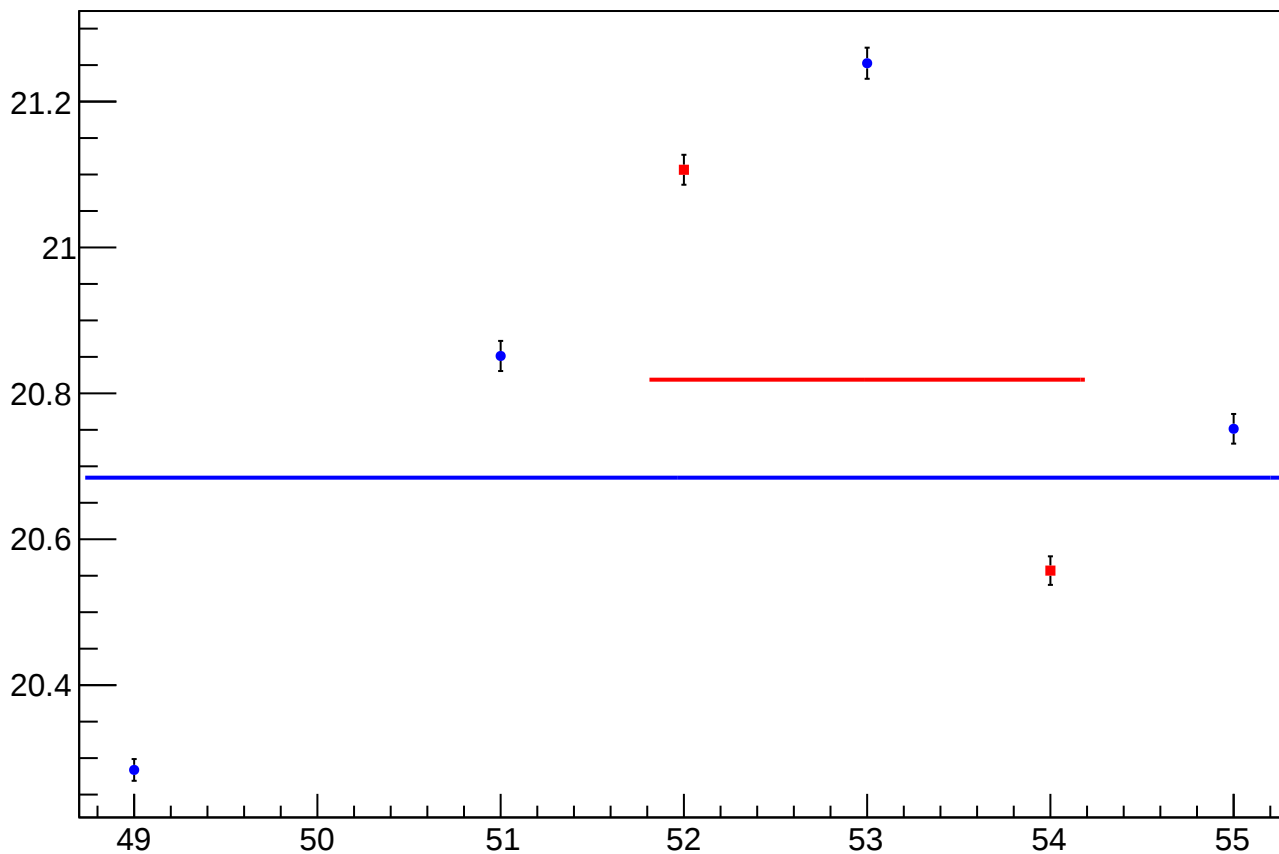
Right Out: -37.449+/-20.040 χ^2/NDF : 0.3/1

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

4.950+/-13.210 χ^2/NDF : 2.8/3

-37.449+/-20.040 χ^2/NDF : 0.3/1

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.684 ± 0.009 $\chi^2/\text{NDF}: 1508.0/3$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

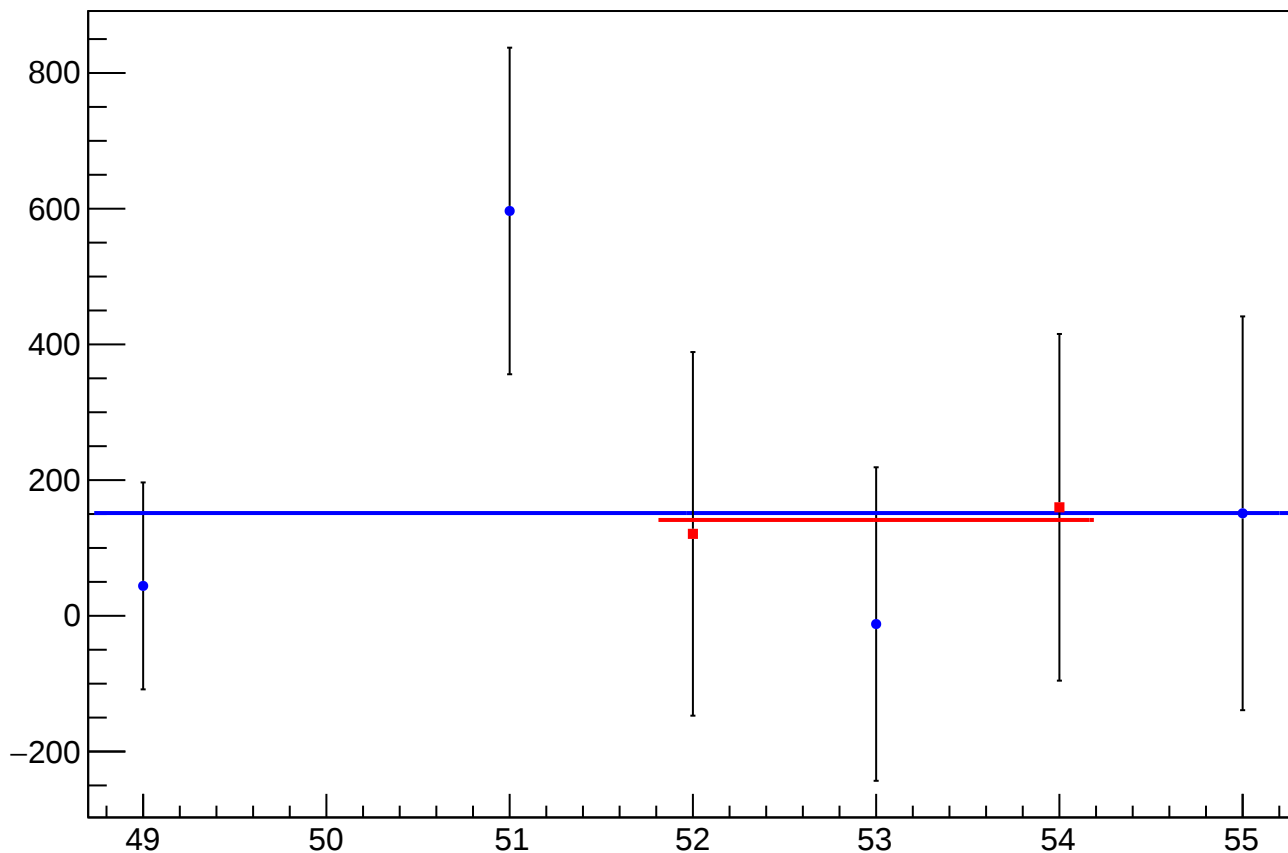
Right Out: 20.819 ± 0.014 $\chi^2/\text{NDF}: 375.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

20.684 ± 0.009 $\chi^2/\text{NDF}: 1508.0/3$

20.819 ± 0.014 $\chi^2/\text{NDF}: 375.1/1$

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 151.457 $\pm$ 104.893 χ^2 /NDF: 4.4/3

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

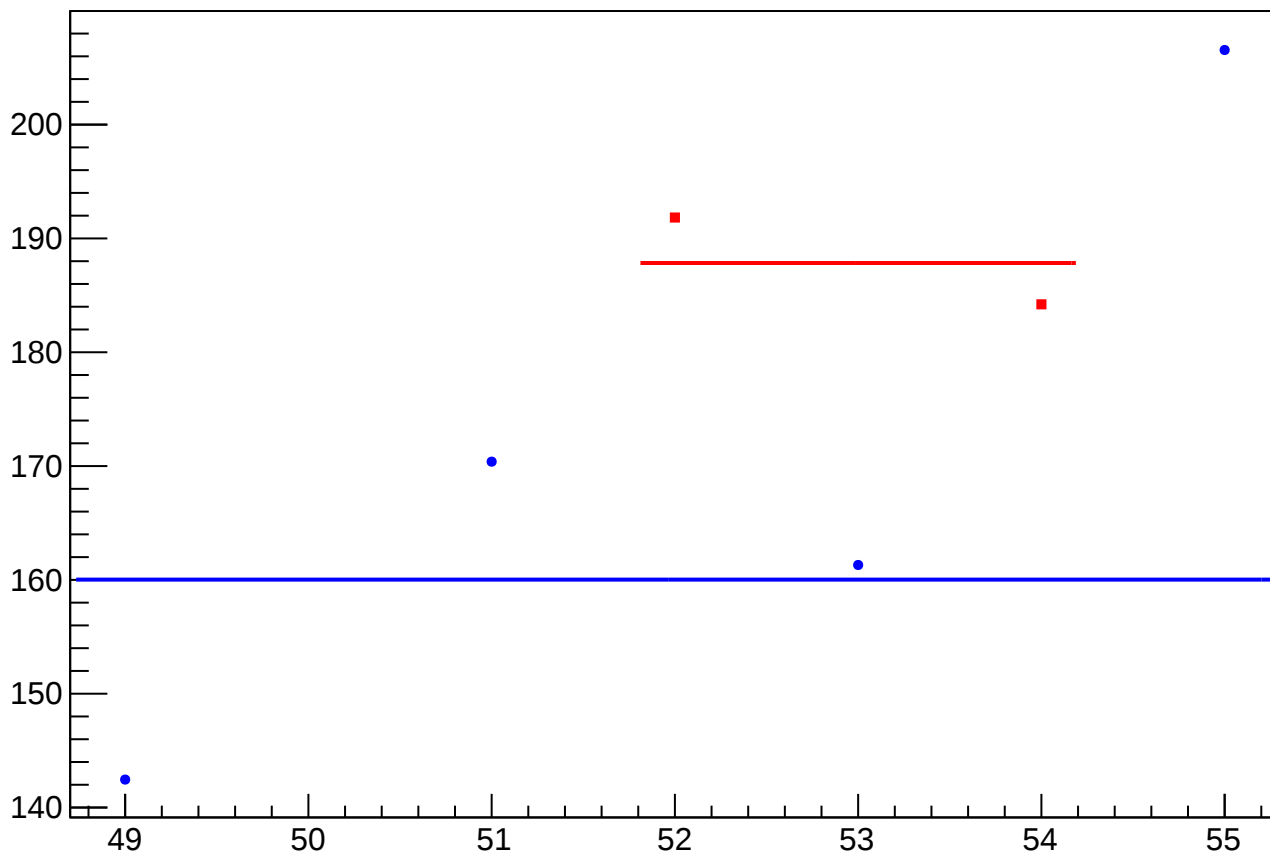
Right Out: 141.279 $\pm$ 184.899 χ^2 /NDF: 0.0/1

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

151.457 $\pm$ 104.893 χ^2 /NDF: 4.4/3

141.279 $\pm$ 184.899 χ^2 /NDF: 0.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 160.025+/-0.074 χ^2/NDF : 81748.4/3

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

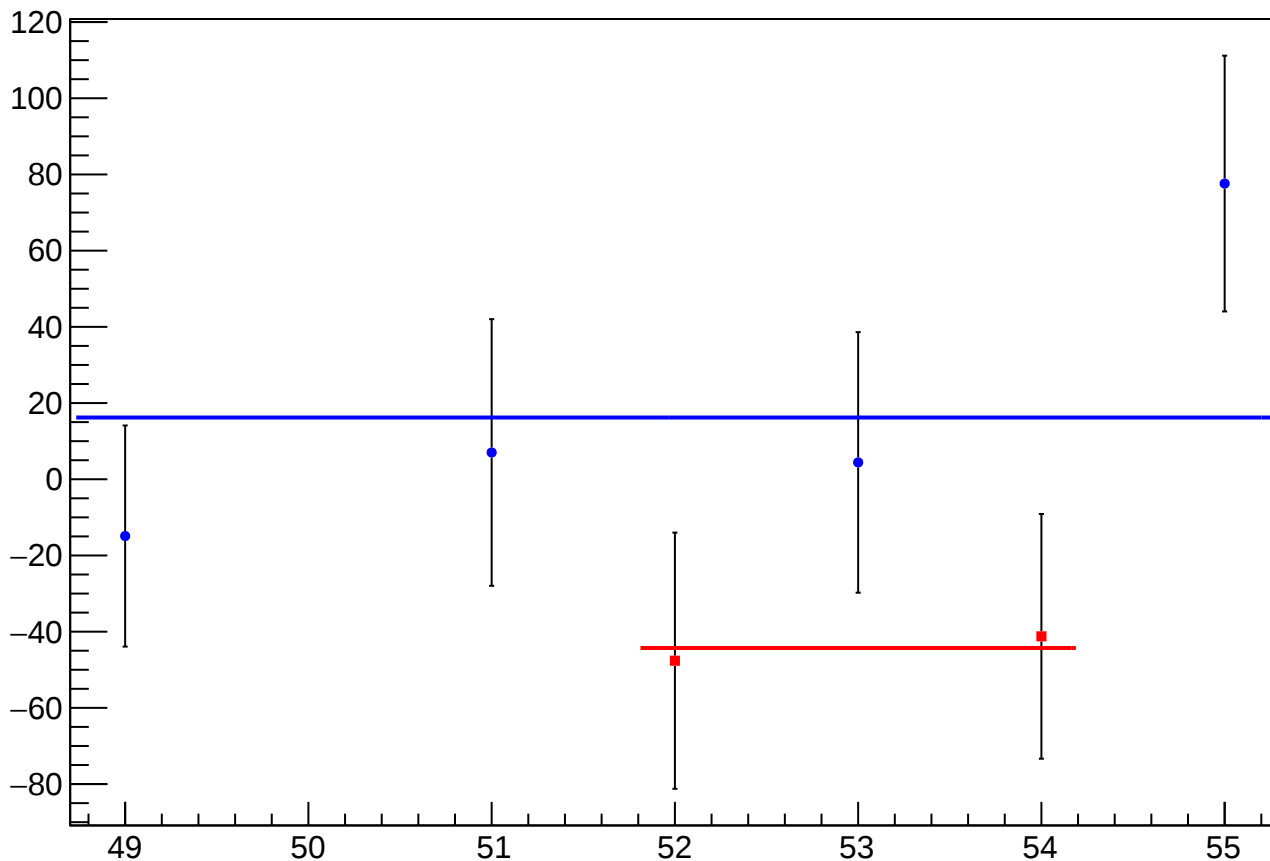
160.025+/-0.074 χ^2/NDF : 81748.4/3

Right Out: 187.842+/-0.131 χ^2/NDF : 848.5/1

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

187.842+/-0.131 χ^2/NDF : 848.5/1

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: 16.207+/-16.337 χ^2/NDF : 4.7/3

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

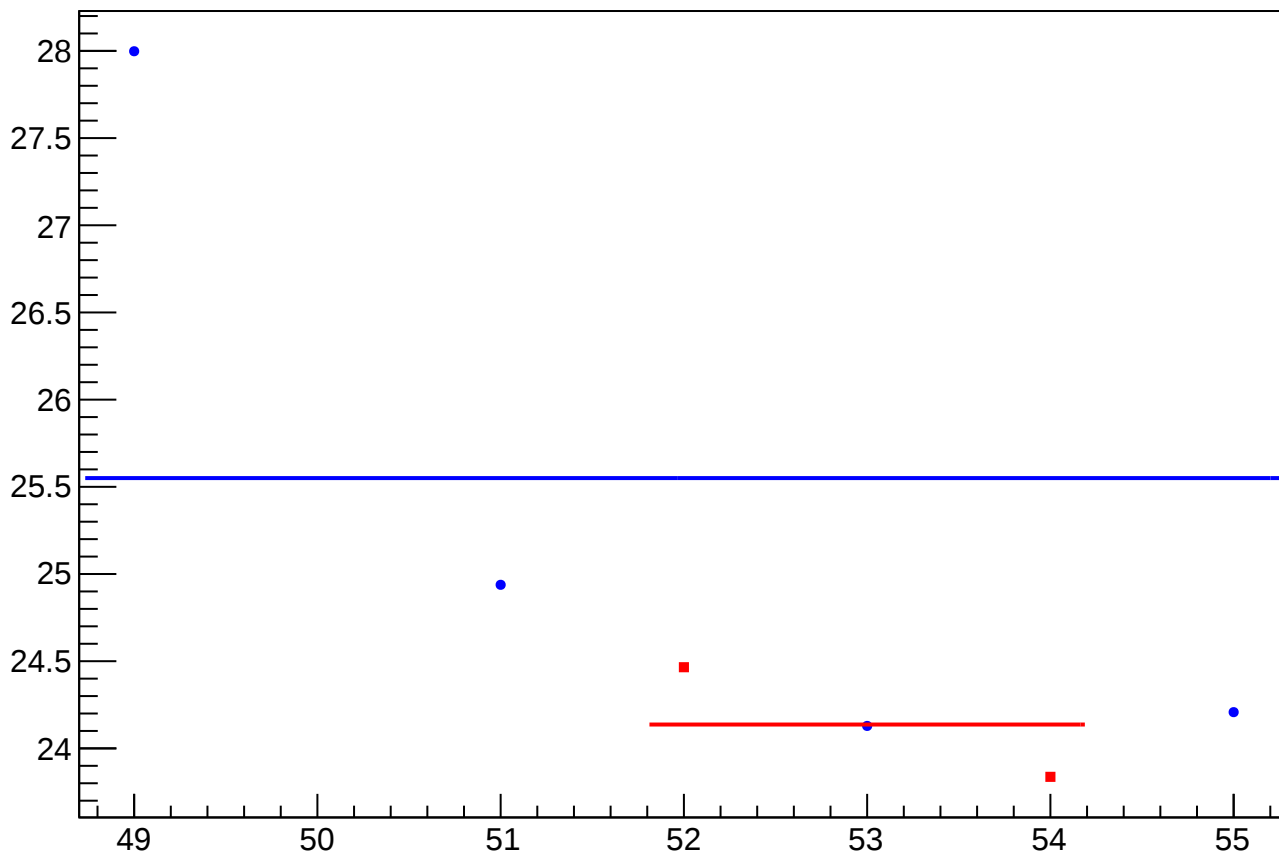
Right Out: -44.280+/-23.224 χ^2/NDF : 0.0/1

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

16.207+/-16.337 χ^2/NDF : 4.7/3

-44.280+/-23.224 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 25.550 $\pm$ 0.012 χ^2 /NDF: 21496.6/3

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

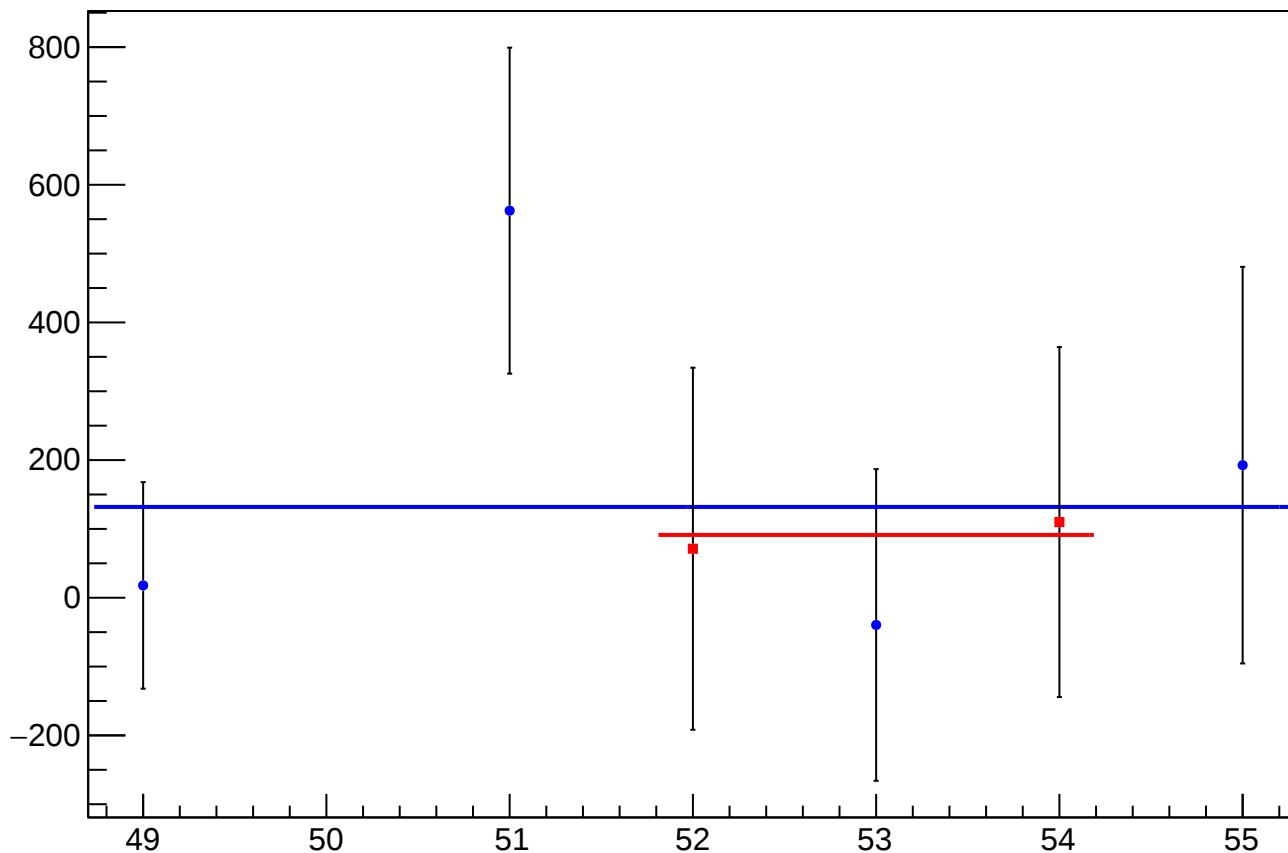
25.550 $\pm$ 0.012 χ^2 /NDF: 21496.6/3

Right Out: 24.137 $\pm$ 0.016 χ^2 /NDF: 365.6/1

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

24.137 $\pm$ 0.016 χ^2 /NDF: 365.6/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 131.943 $\pm$ 103.265 χ^2 /NDF: 4.5/3

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

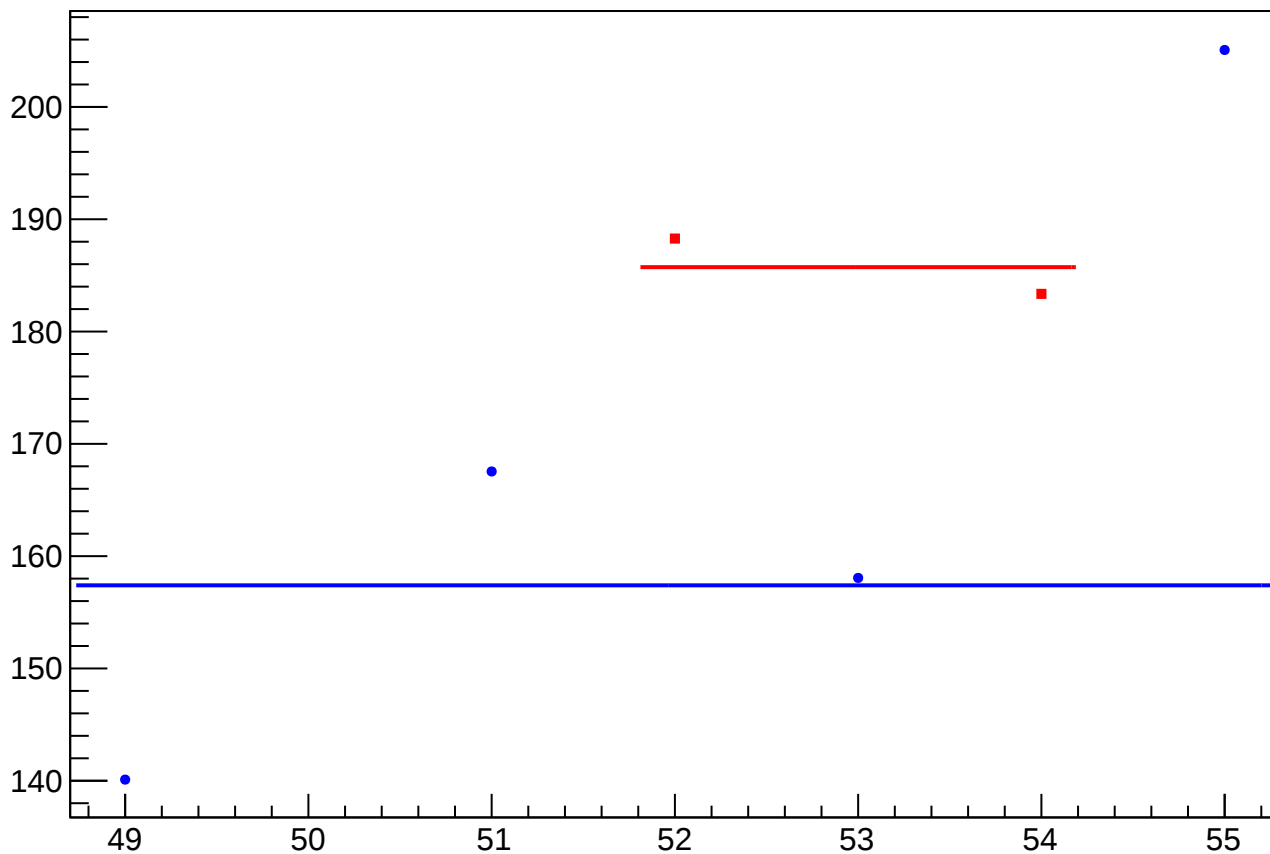
Right Out: 91.243 $\pm$ 182.807 χ^2 /NDF: 0.0/1

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

131.943 $\pm$ 103.265 χ^2 /NDF: 4.5/3

91.243 $\pm$ 182.807 χ^2 /NDF: 0.0/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 157.402 $\pm$ 0.073 χ^2 /NDF: 85020.1/3

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

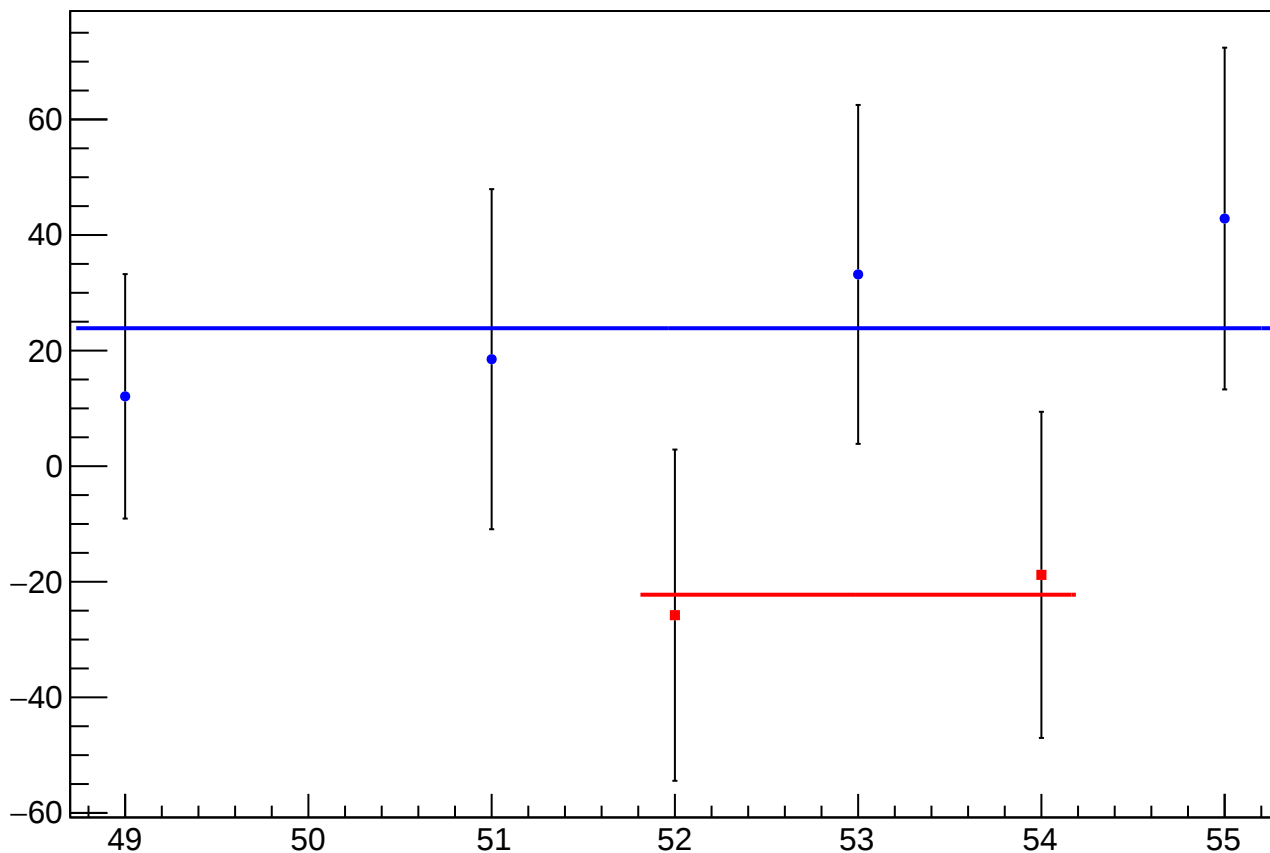
157.402 $\pm$ 0.073 χ^2 /NDF: 85020.1/3

Right Out: 185.735 $\pm$ 0.129 χ^2 /NDF: 362.6/1

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

185.735 $\pm$ 0.129 χ^2 /NDF: 362.6/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 23.872+/-13.248 χ^2/NDF : 0.9/3

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

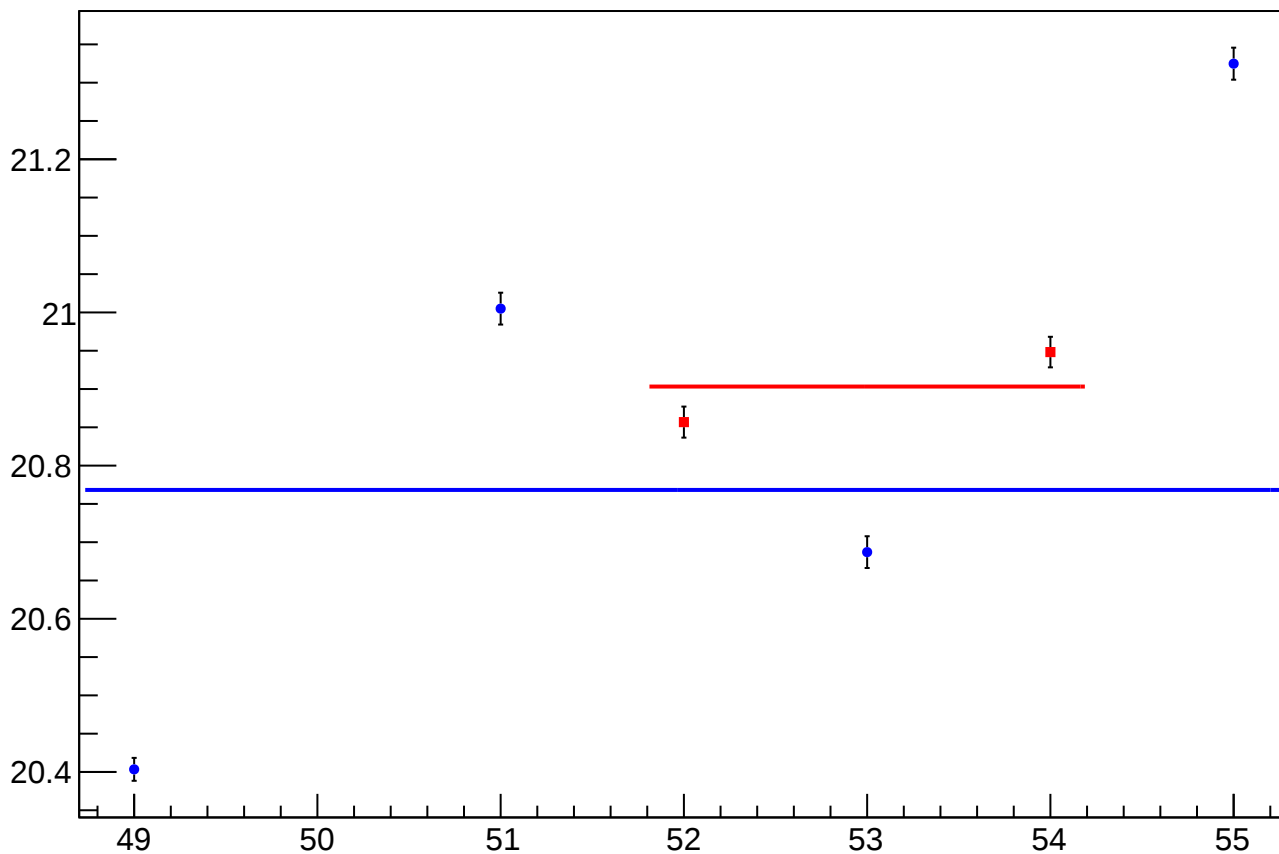
Right Out: -22.240+/-20.106 χ^2/NDF : 0.0/1

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

23.872+/-13.248 χ^2/NDF : 0.9/3

-22.240+/-20.106 χ^2/NDF : 0.0/1

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.768 $\pm$ 0.009 χ^2 /NDF: 1448.4/3

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

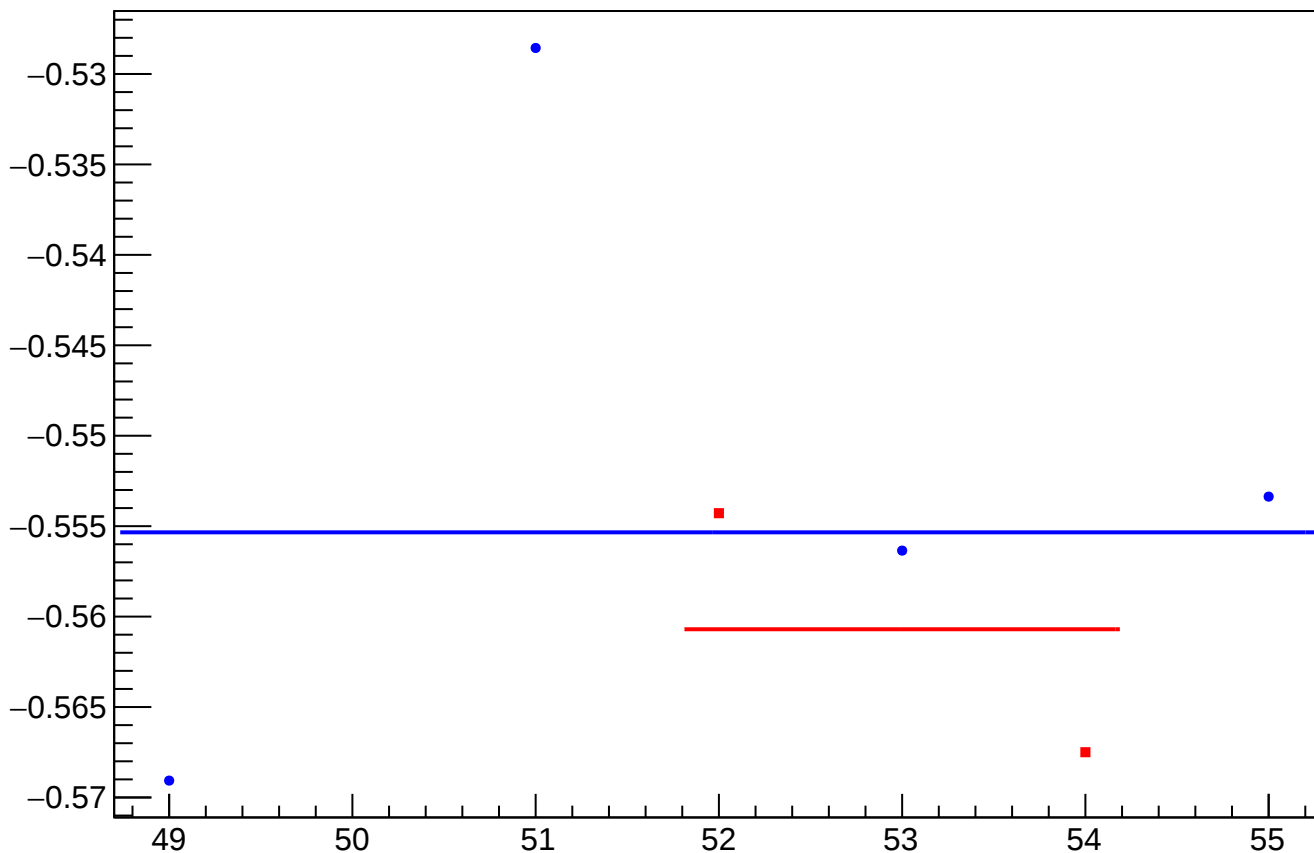
Right Out: 20.903 $\pm$ 0.014 χ^2 /NDF: 10.3/1

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

20.768 $\pm$ 0.009 χ^2 /NDF: 1448.4/3

20.903 $\pm$ 0.014 χ^2 /NDF: 10.3/1

yield_bpm0l01X_mean vs slug



Right In: -0.555+/-0.000 χ^2/NDF : 4364123.7/3

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

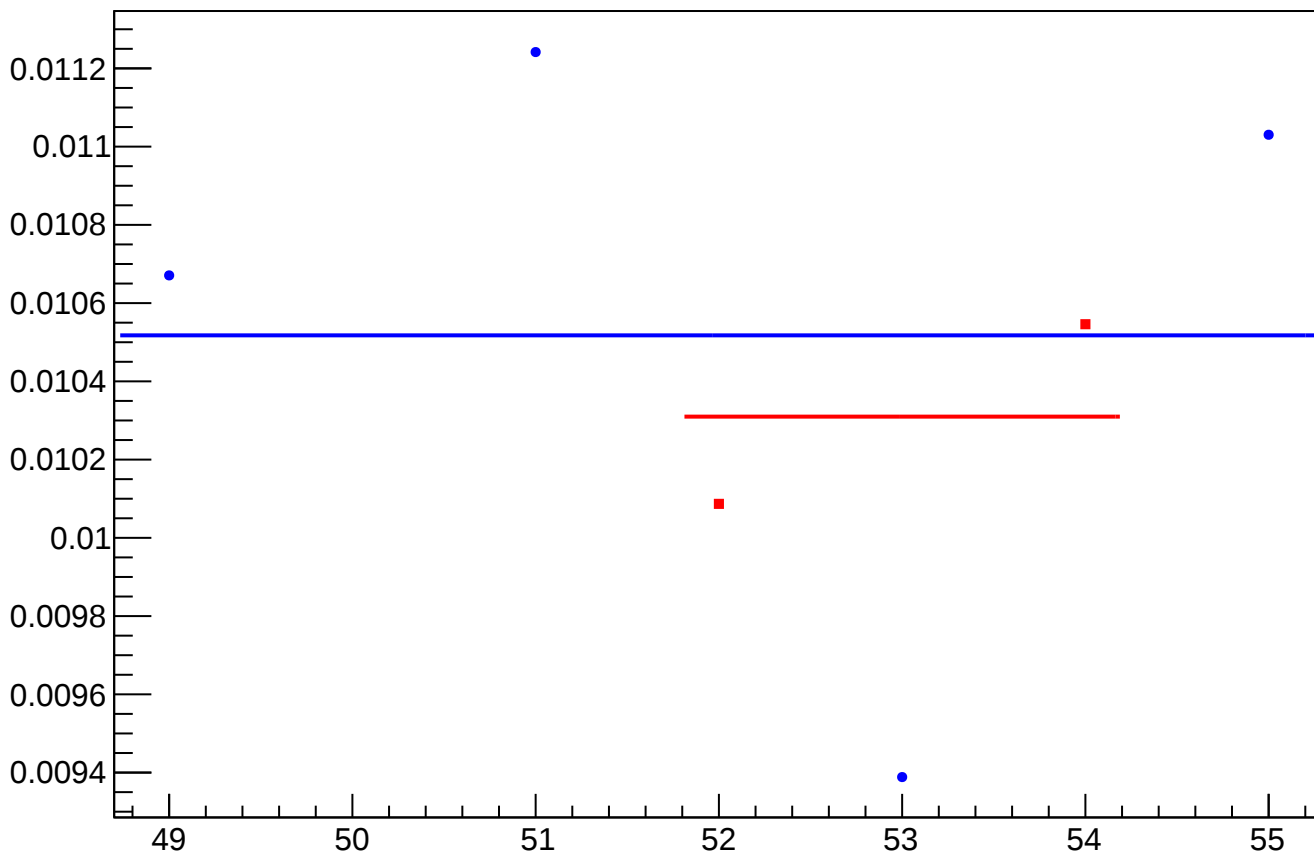
Right Out: -0.561+/-0.000 χ^2/NDF : 433667.6/1

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

-0.555+/-0.000 χ^2/NDF : 4364123.7/3

-0.561+/-0.000 χ^2/NDF : 433667.6/1

yield_bpm0l01X_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 20773.3/3

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

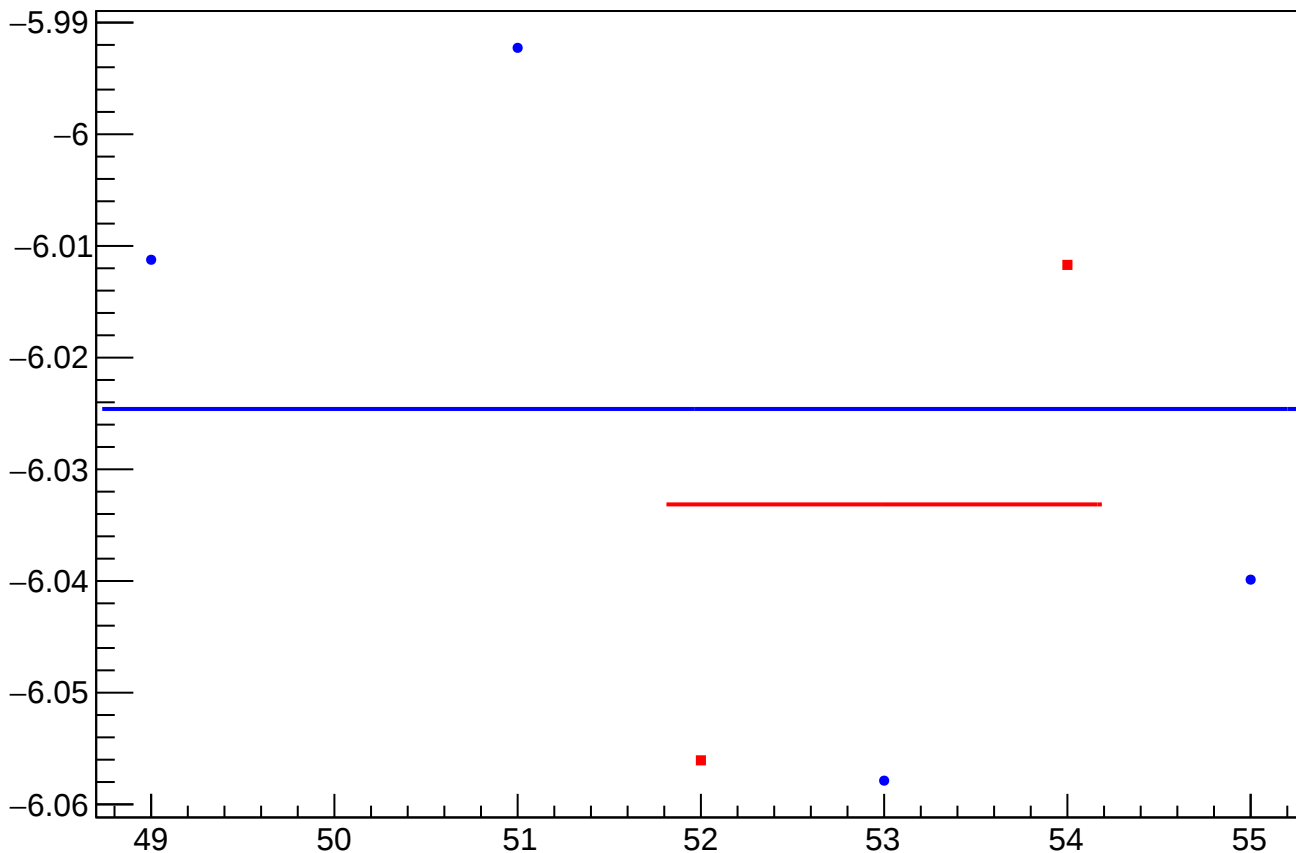
Right Out: 0.010+/-0.000 χ^2/NDF : 1047.2/1

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

0.011+/-0.000 χ^2/NDF : 20773.3/3

0.010+/-0.000 χ^2/NDF : 1047.2/1

yield_bpm0l01Y_mean vs slug



Right In: -6.025+/-0.000 χ^2 /NDF: 14878839.5/3

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

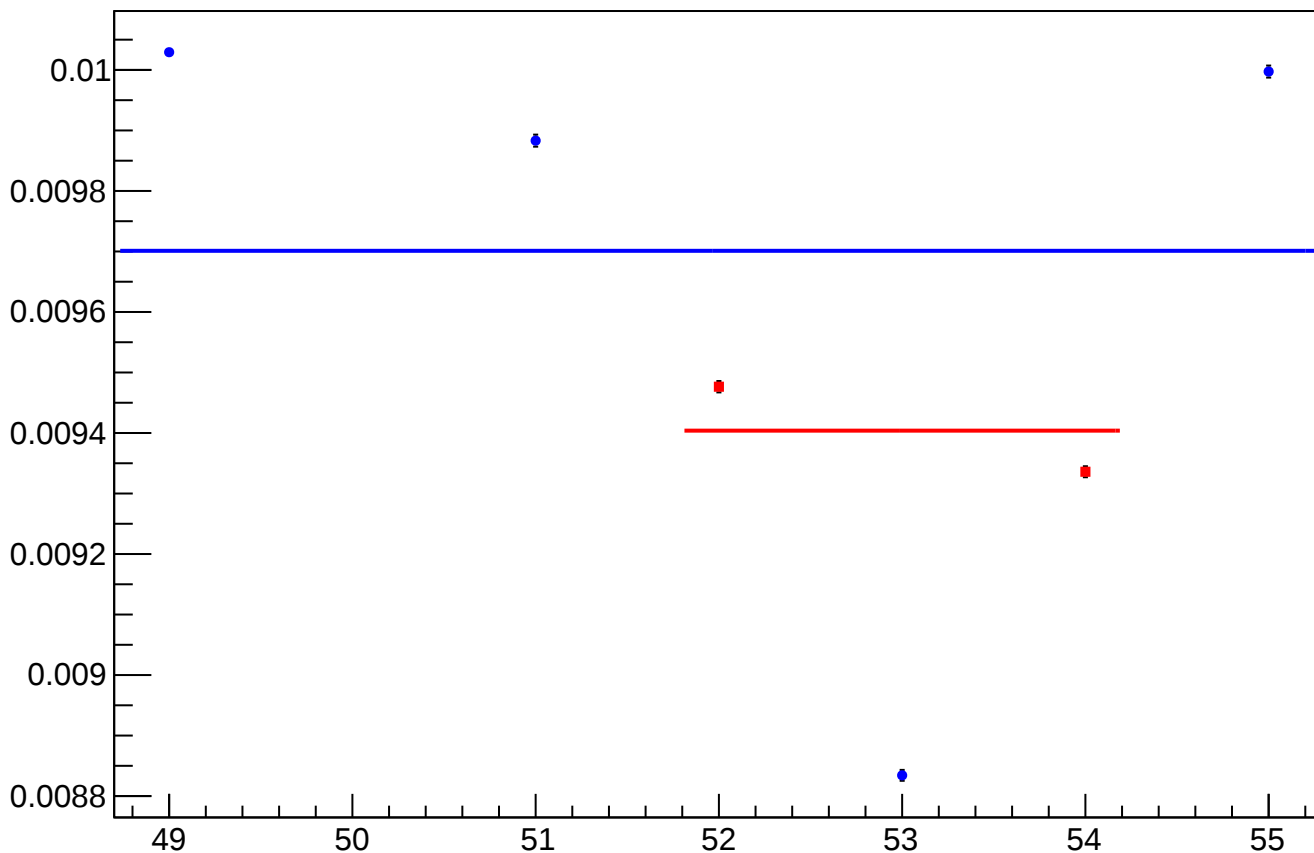
Right Out: -6.033+/-0.000 χ^2 /NDF: 5749125.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.025+/-0.000 χ^2 /NDF: 14878839.5/3

-6.033+/-0.000 χ^2 /NDF: 5749125.1/1

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 12394.4/3

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

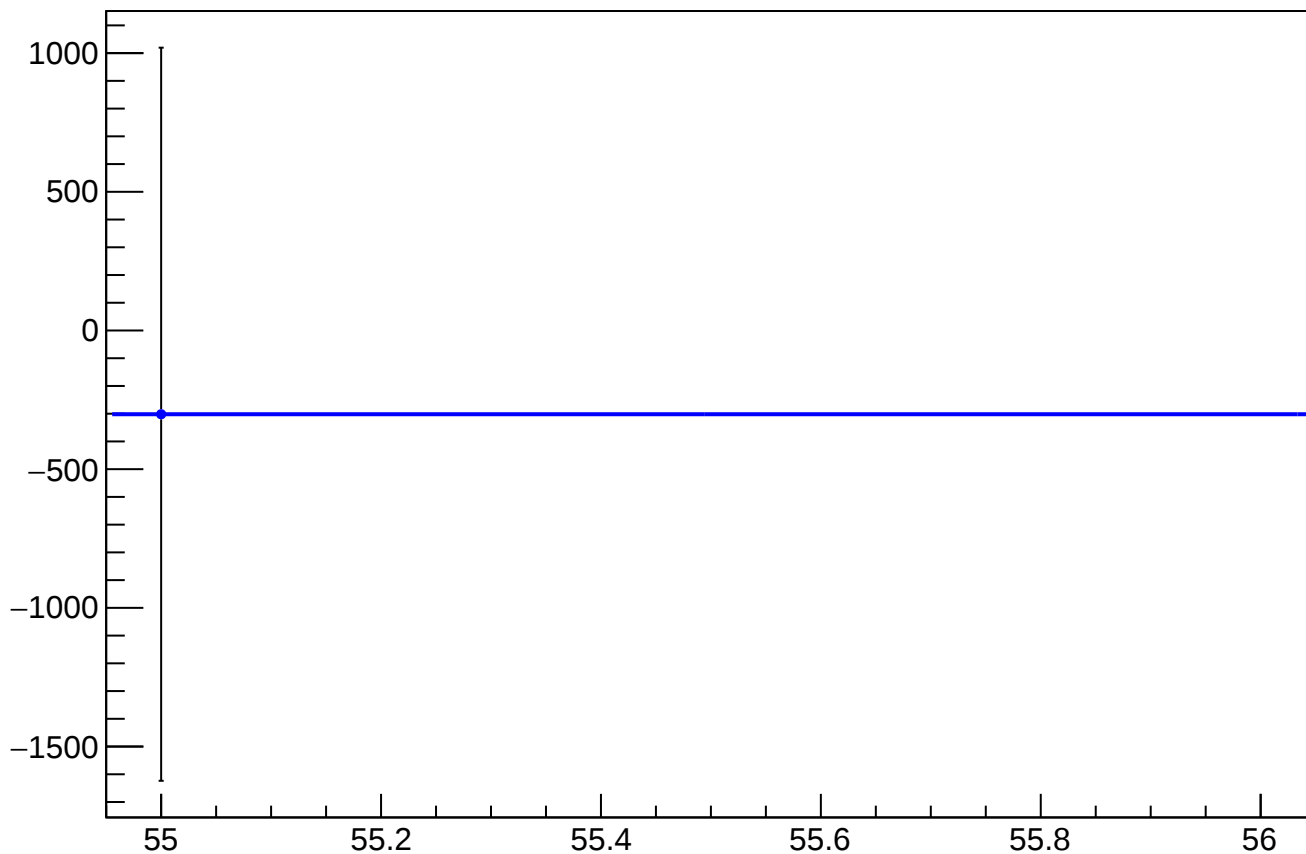
Right Out: 0.009+/-0.000 χ^2/NDF : 115.4/1

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

0.010+/-0.000 χ^2/NDF : 12394.4/3

0.009+/-0.000 χ^2/NDF : 115.4/1

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: -301.929+/-1321.590 χ^2/NDF : 0.0/0

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

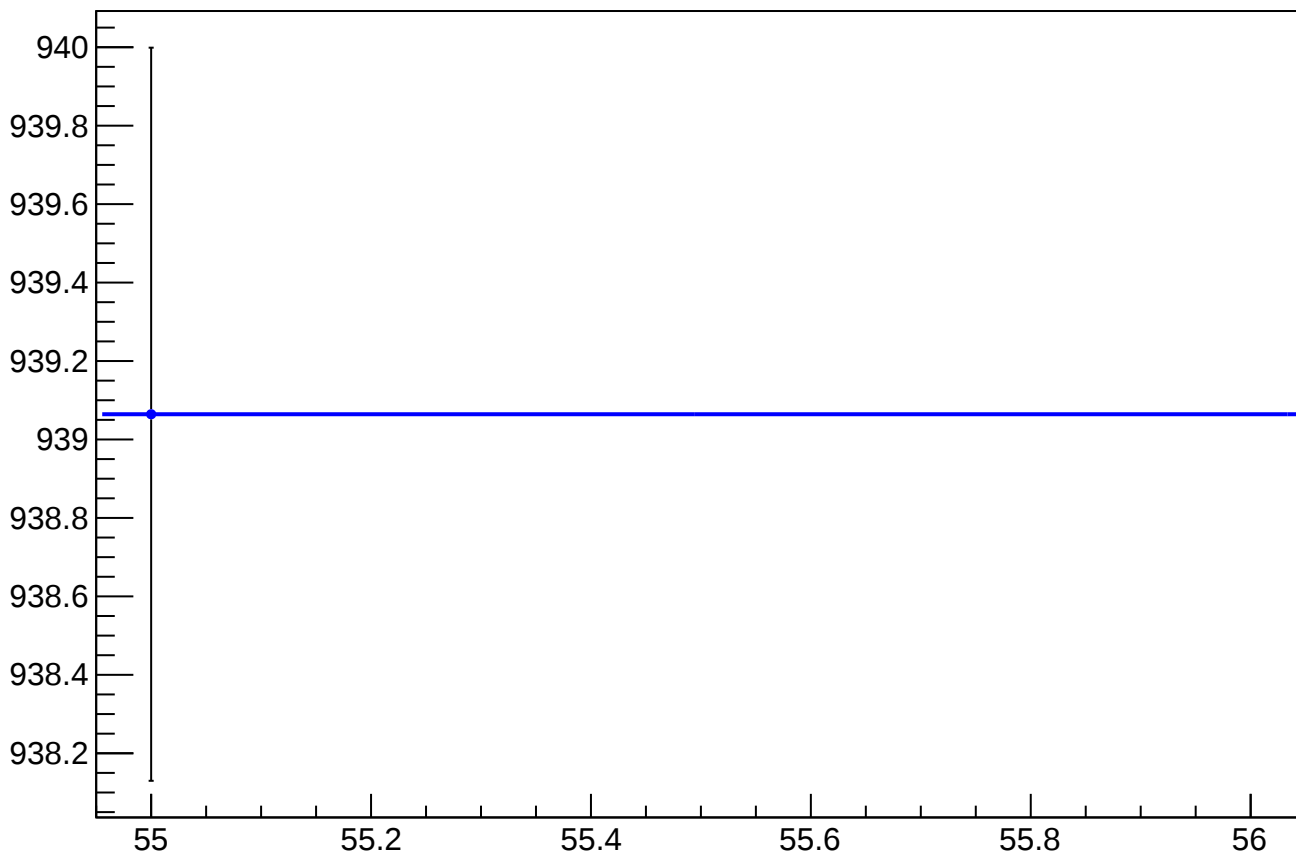
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-301.929+/-1321.590 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 939.064 $\pm$ 0.935 χ^2/NDF : 0.0/0

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

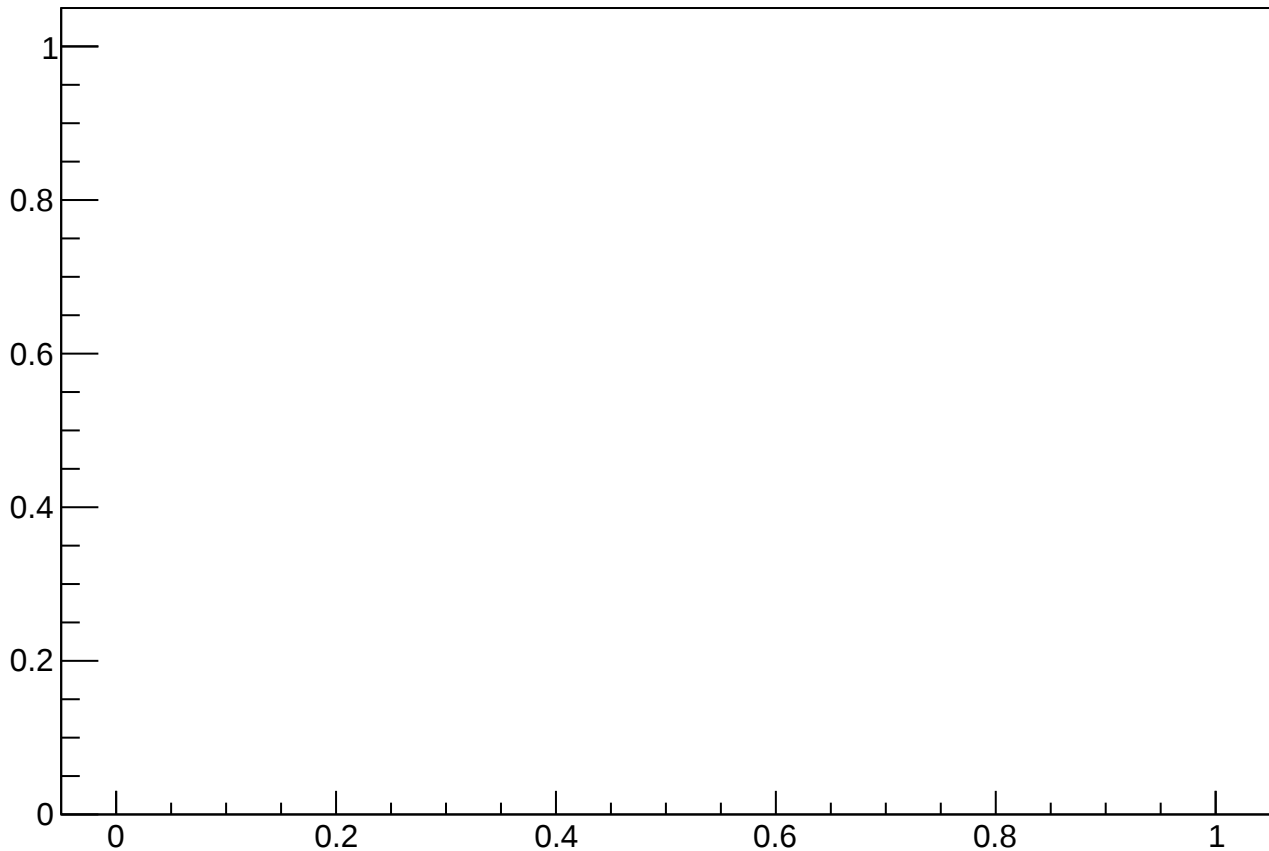
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

939.064 $\pm$ 0.935 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_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

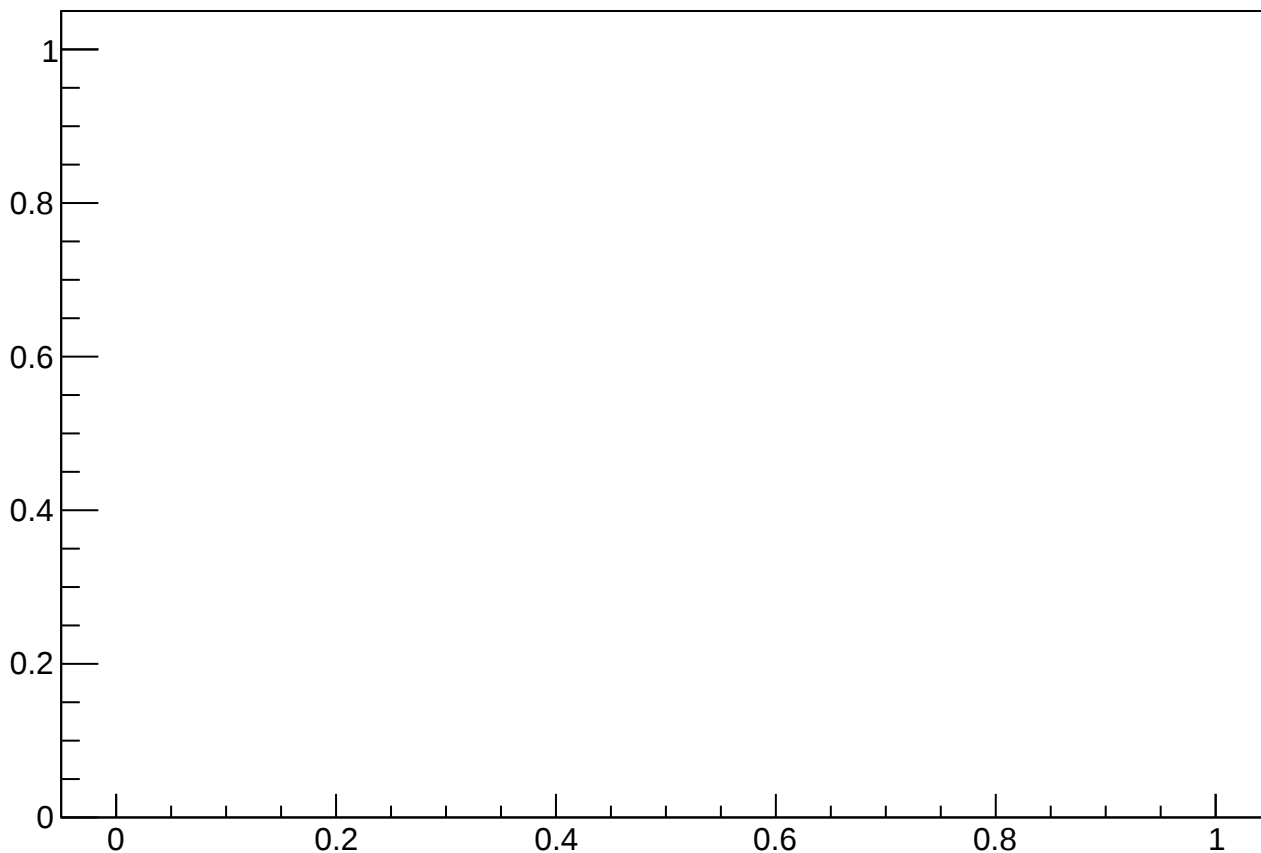
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_correction_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

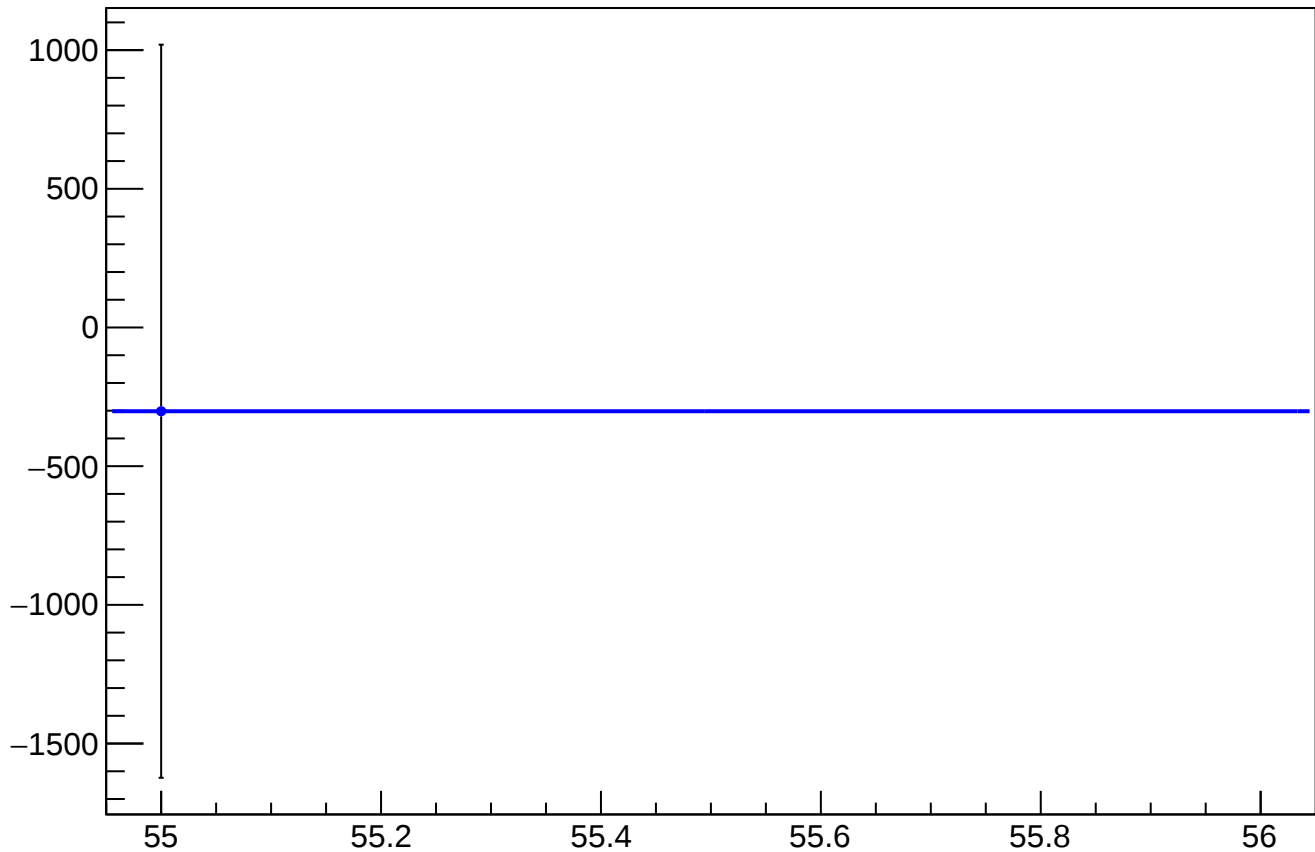
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



Right In: -301.929+/-1321.590 χ^2/NDF : 0.0/0

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

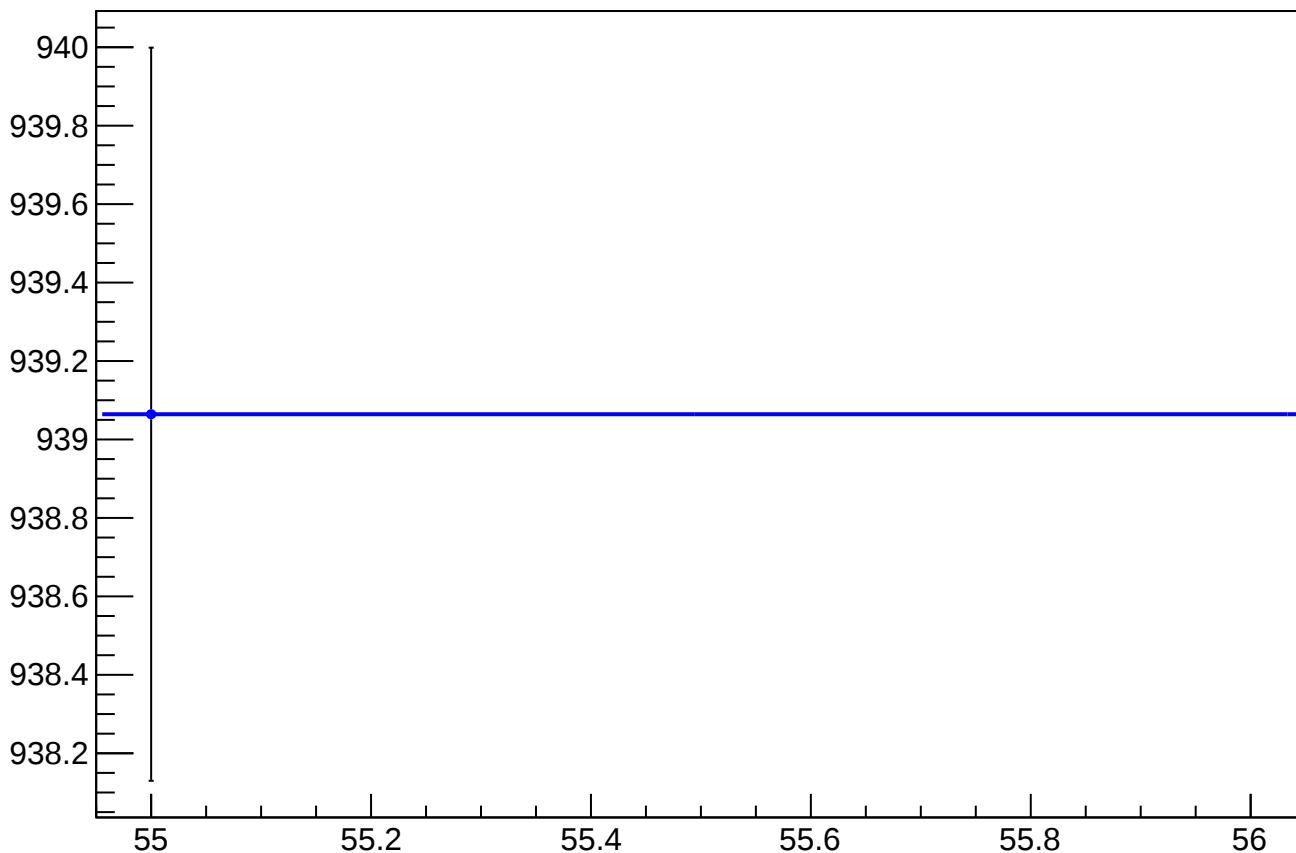
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-301.929+/-1321.590 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: 939.064 $\pm$ 0.935 χ^2 /NDF: 0.0/0

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

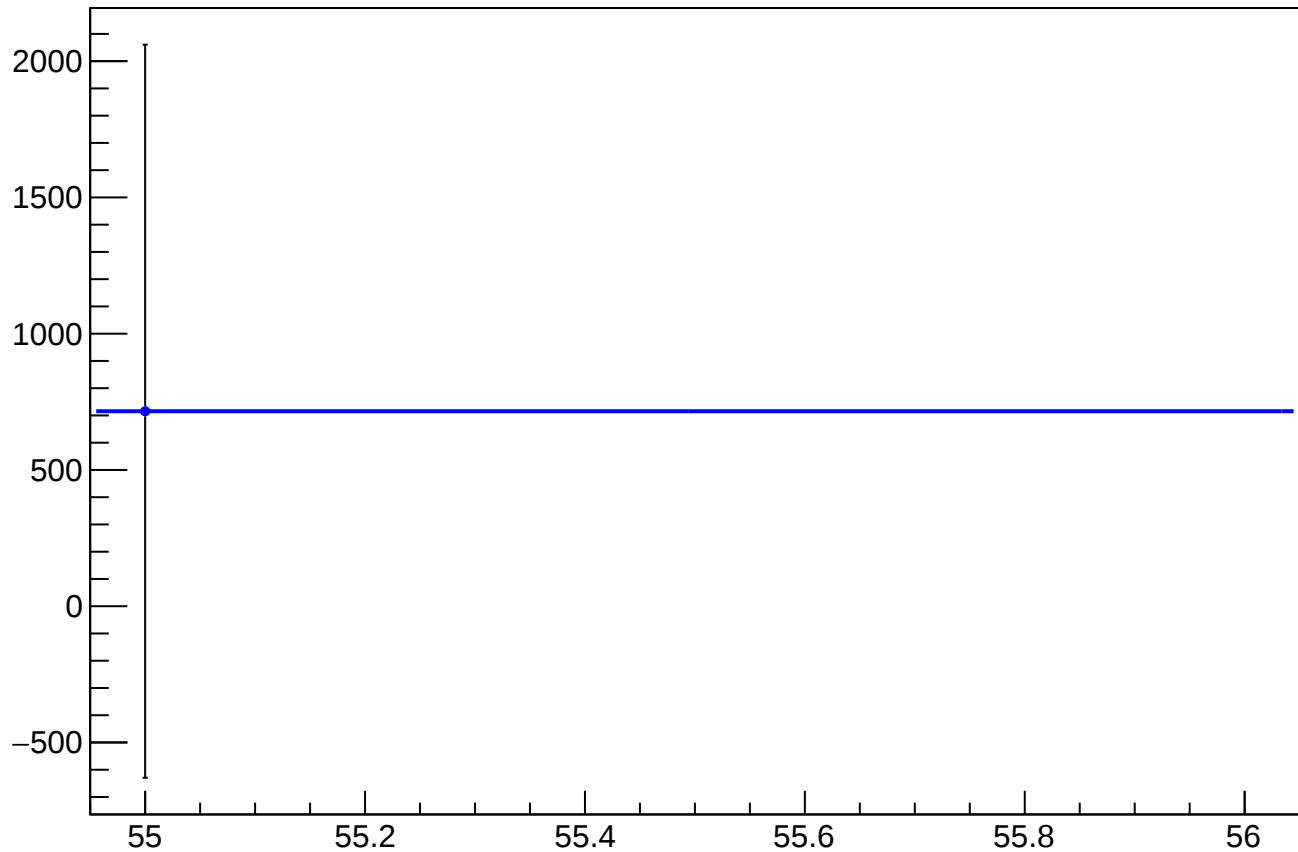
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

939.064 $\pm$ 0.935 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 715.448 $\pm$ 1345.041 χ^2 /NDF: 0.0/0

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

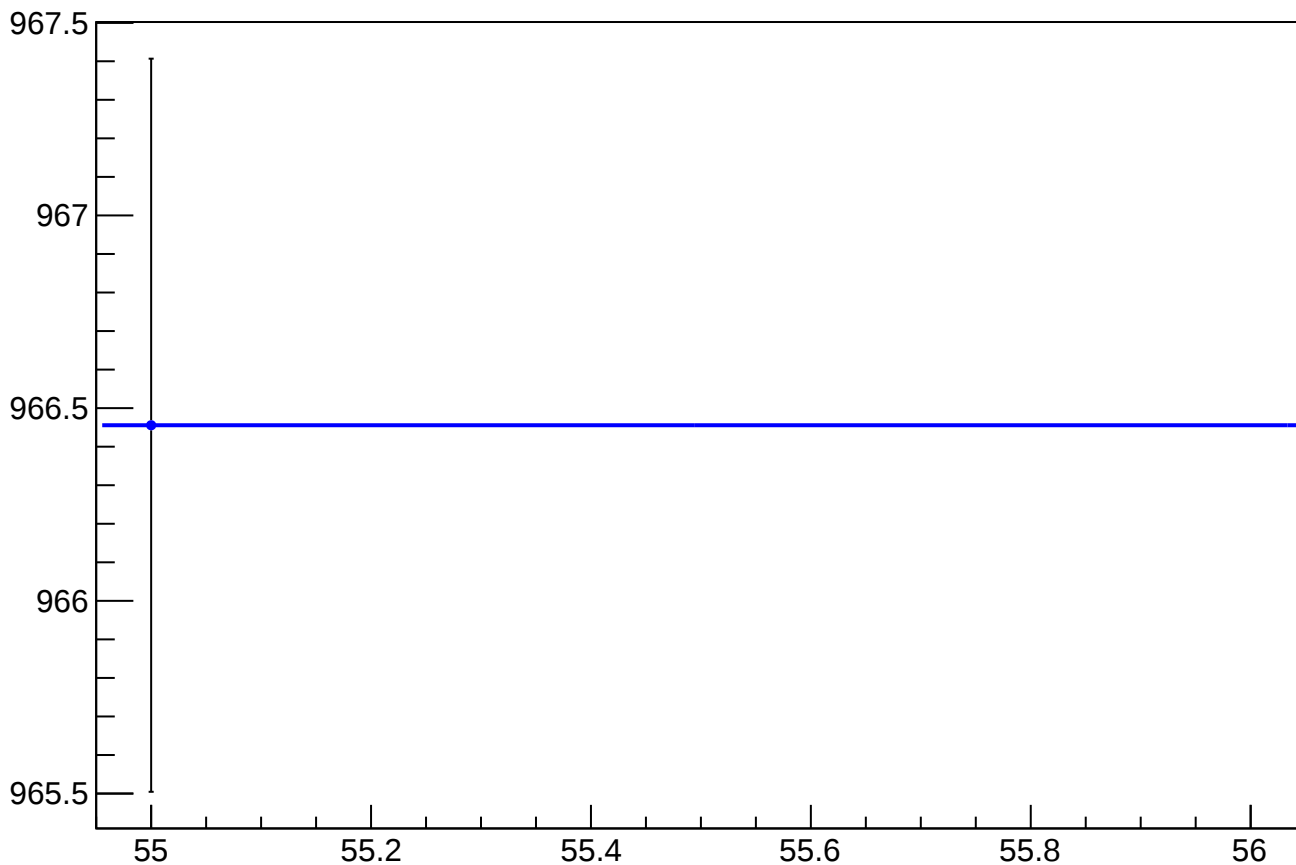
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

715.448 $\pm$ 1345.041 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 966.456 $\pm$ 0.951 χ^2/NDF : 0.0/0

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

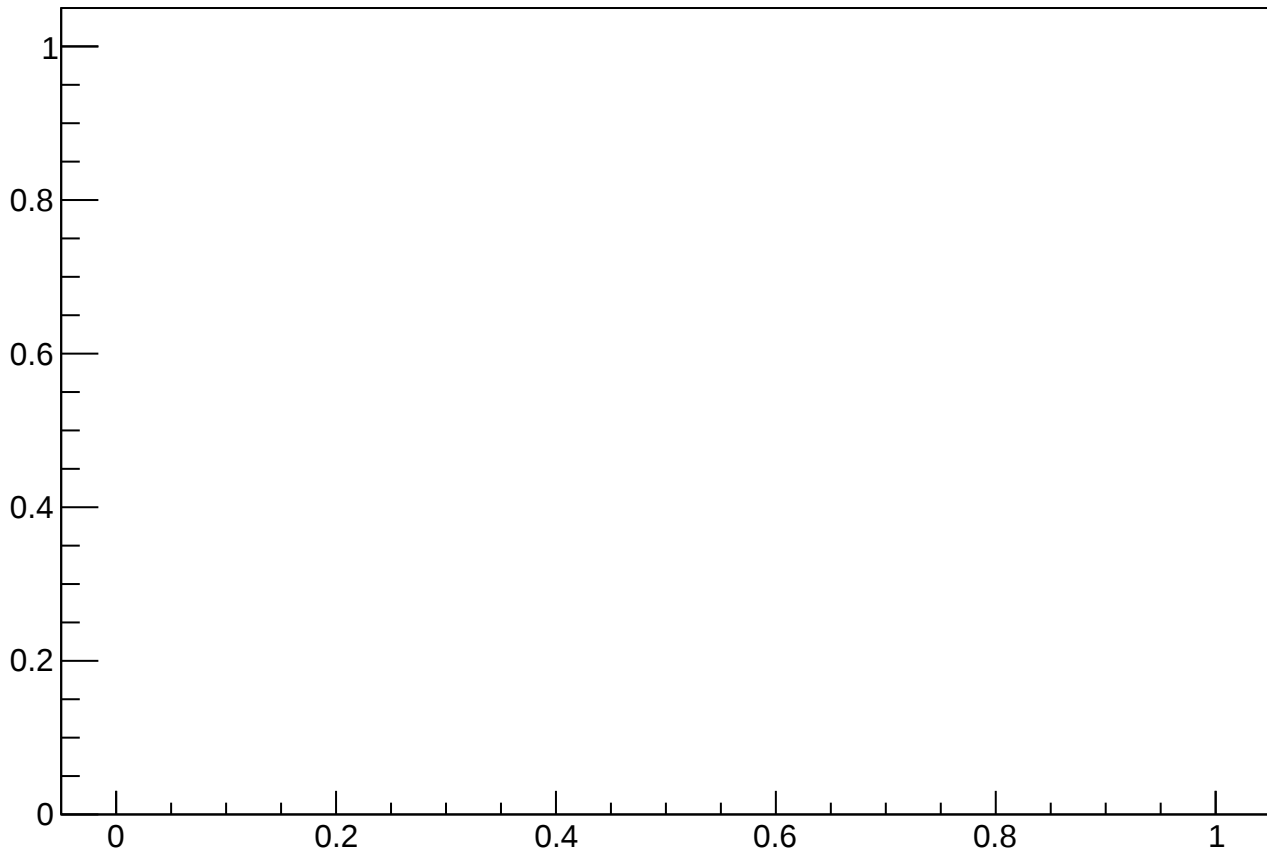
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

966.456 $\pm$ 0.951 χ^2/NDF : 0.0/0

0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_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

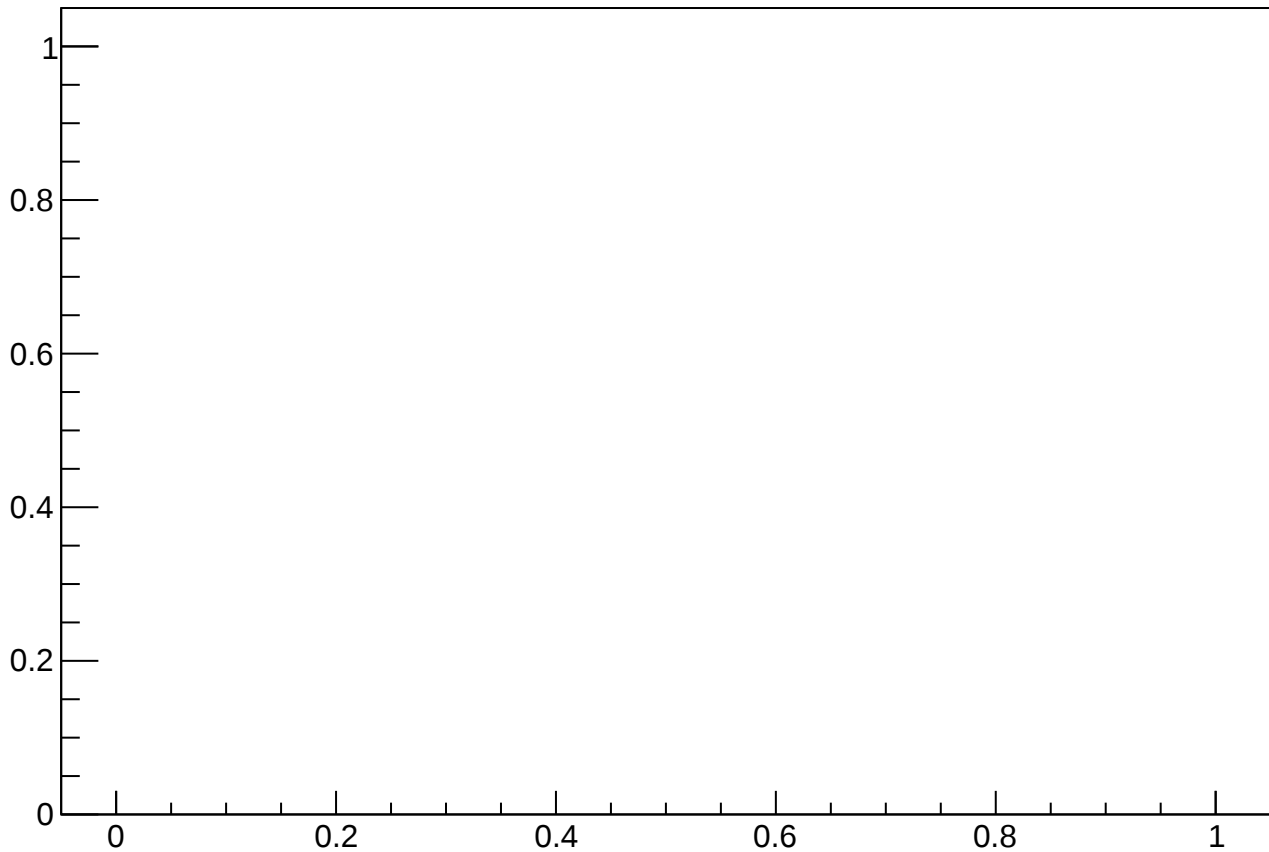
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_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

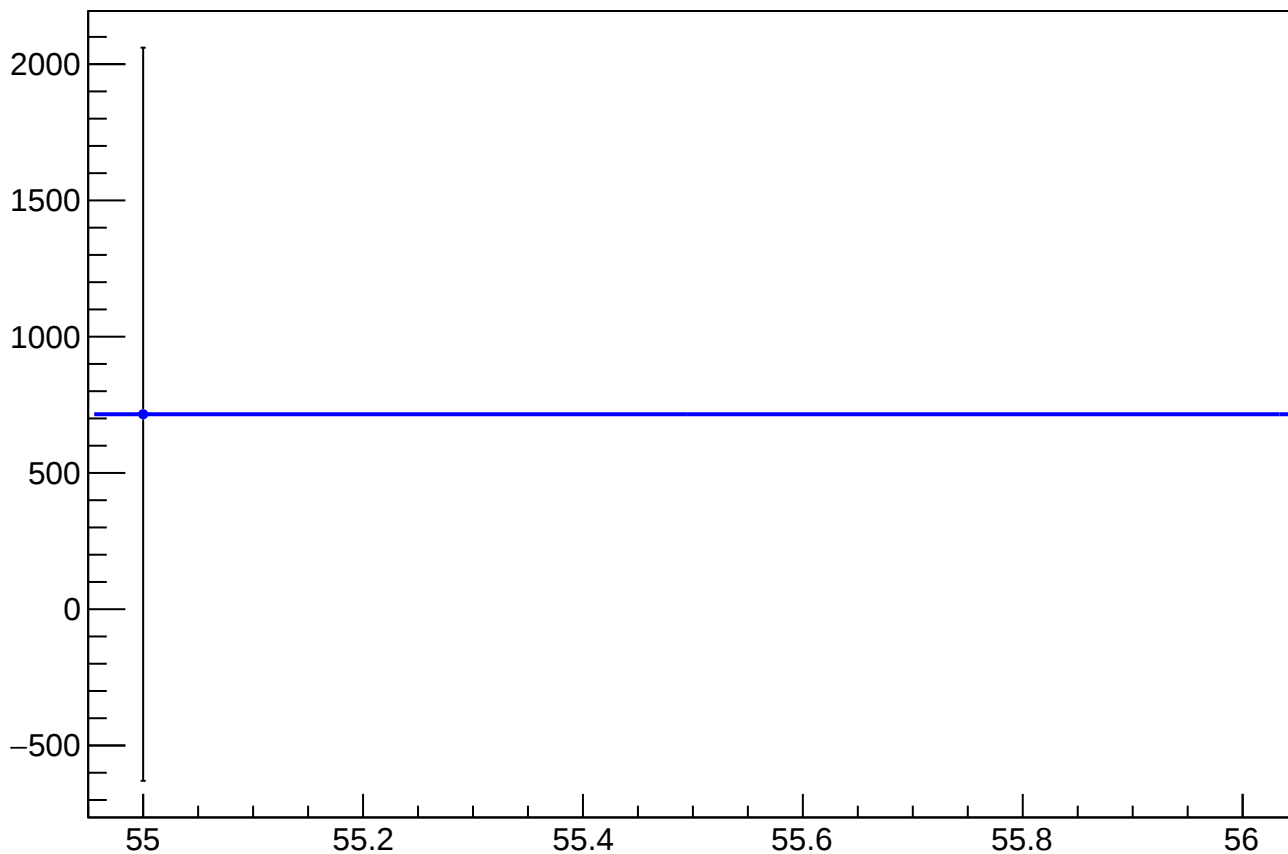
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: 715.448 $\pm$ 1345.041 χ^2 /NDF: 0.0/0

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

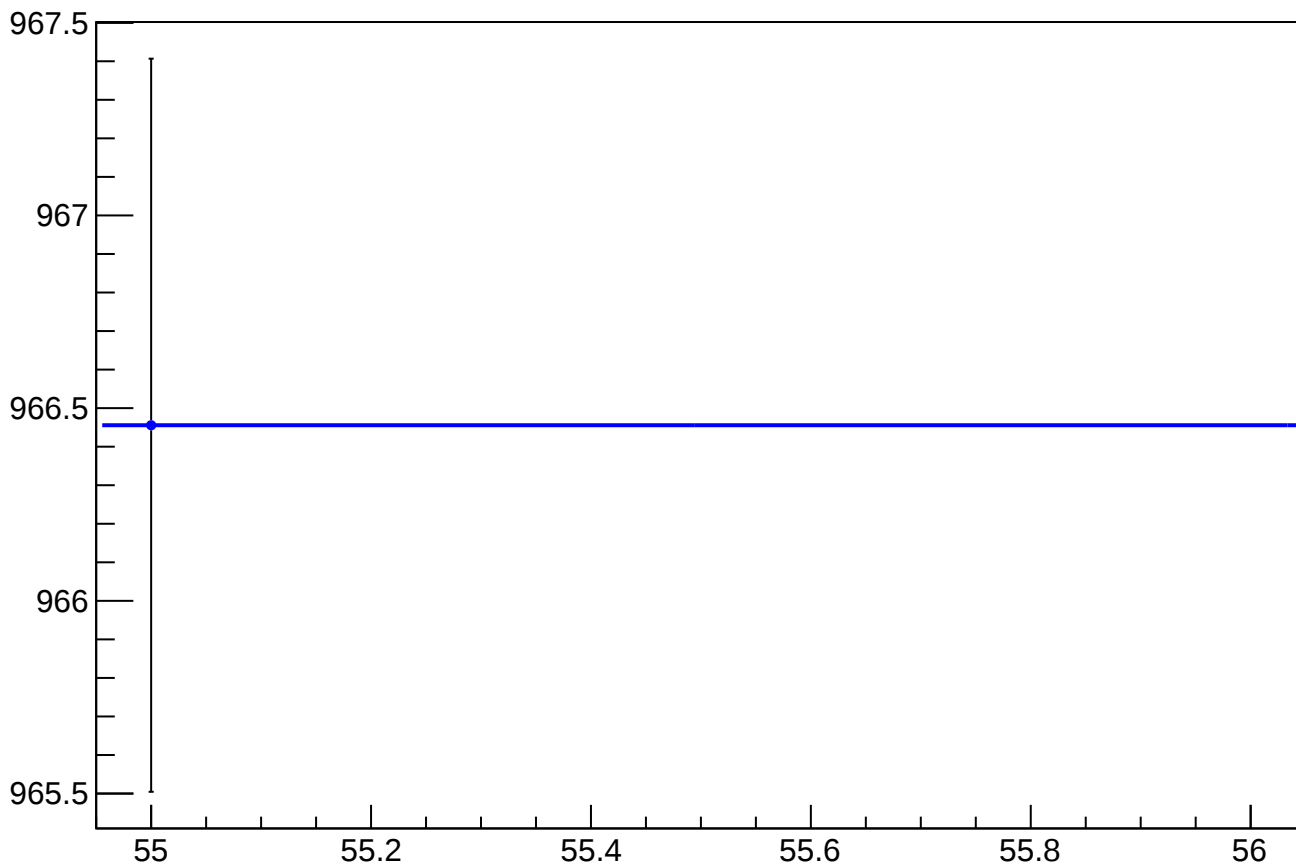
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

715.448 $\pm$ 1345.041 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 966.456 $\pm$ 0.951 χ^2 /NDF: 0.0/0

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

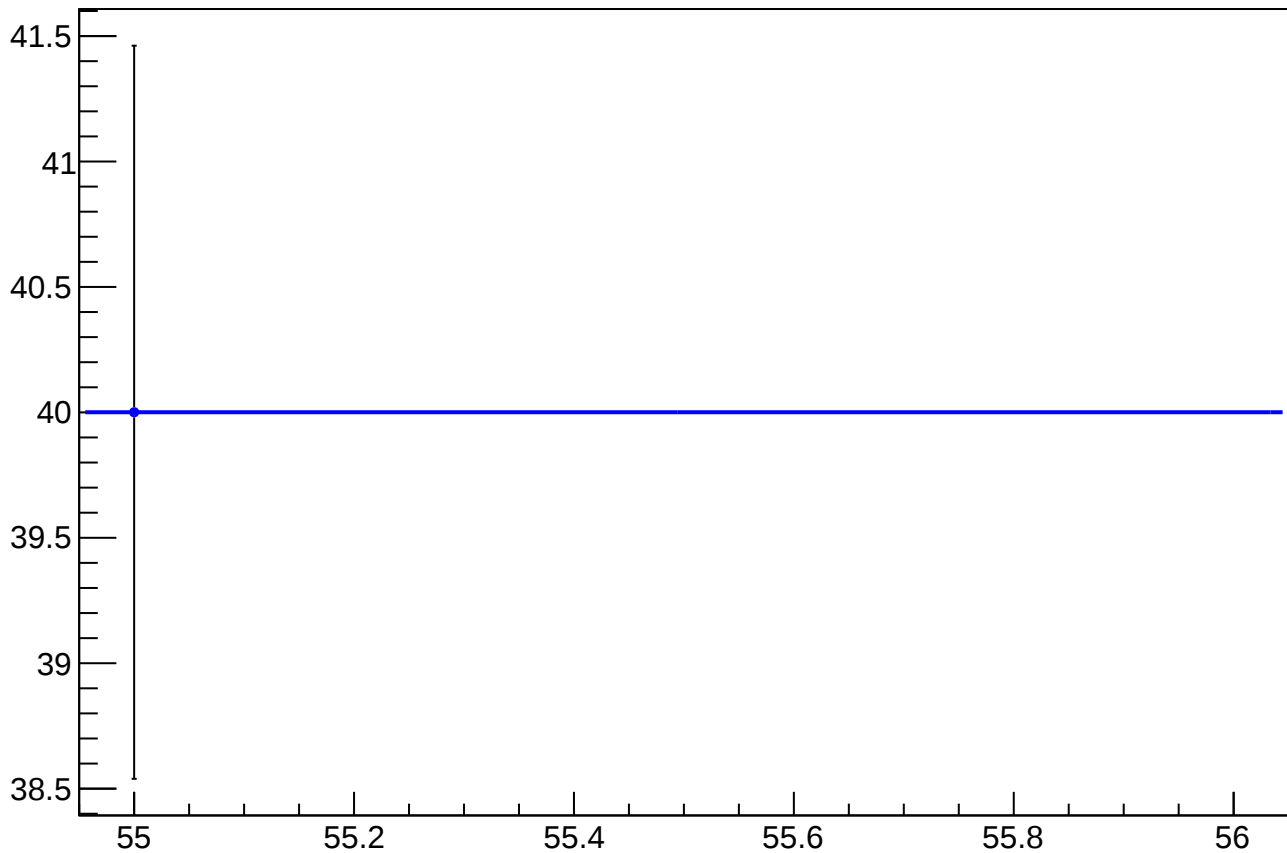
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

966.456 $\pm$ 0.951 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



Right In: 40.001 $\pm$ 1.461 χ^2 /NDF: 0.0/0

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

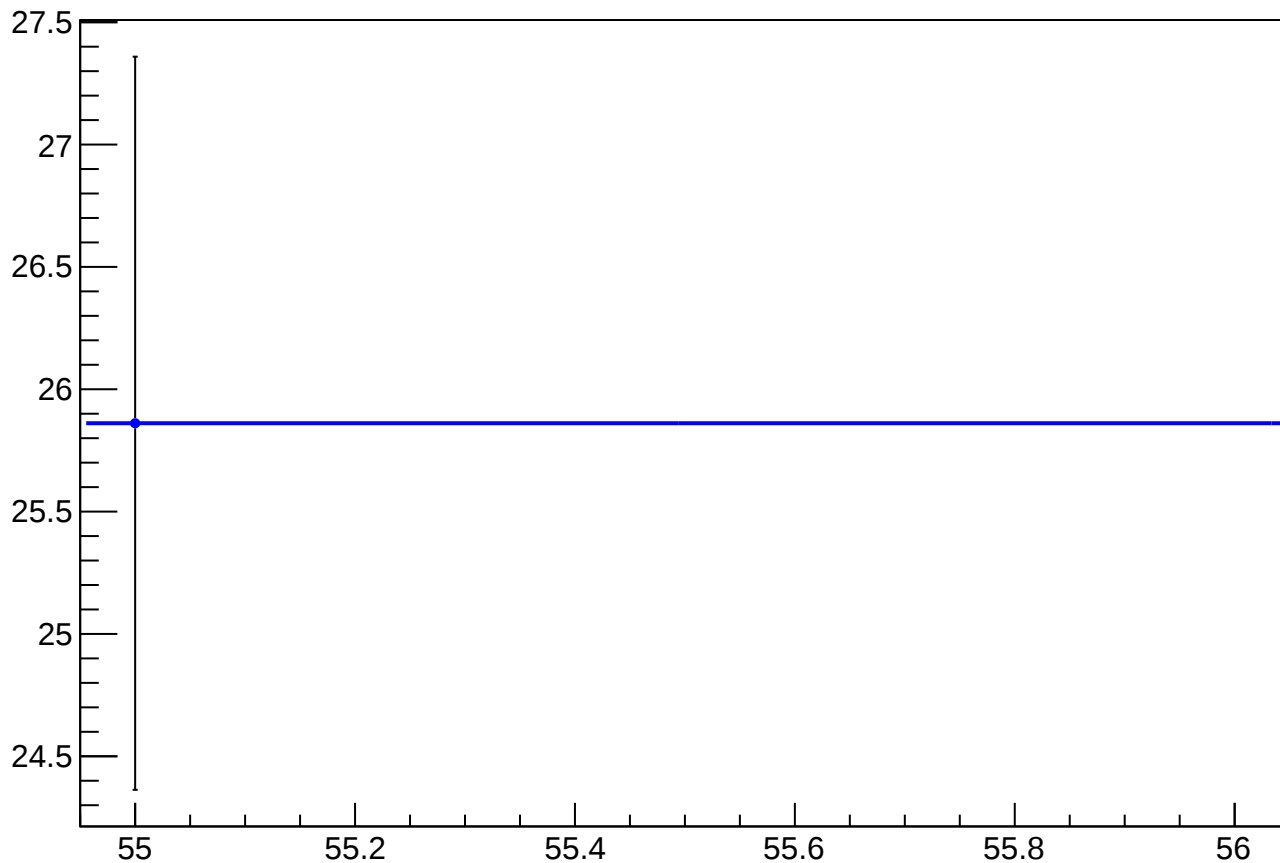
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

40.001 $\pm$ 1.461 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs slug



Right In: 25.861 $\pm$ 1.498 χ^2 /NDF: 0.0/0

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

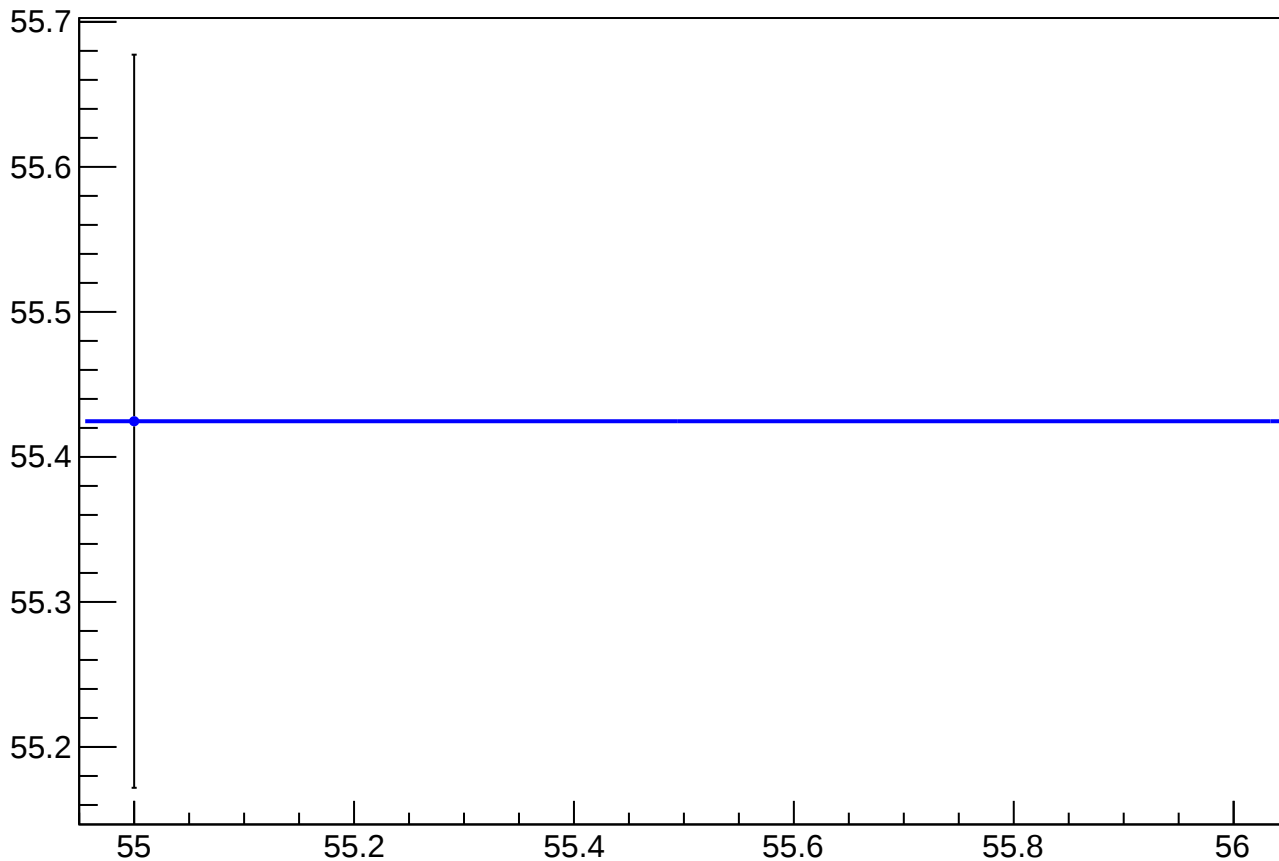
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

25.861 $\pm$ 1.498 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs slug



Right In: 55.425 $\pm$ 0.253 χ^2 /NDF: 0.0/0

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

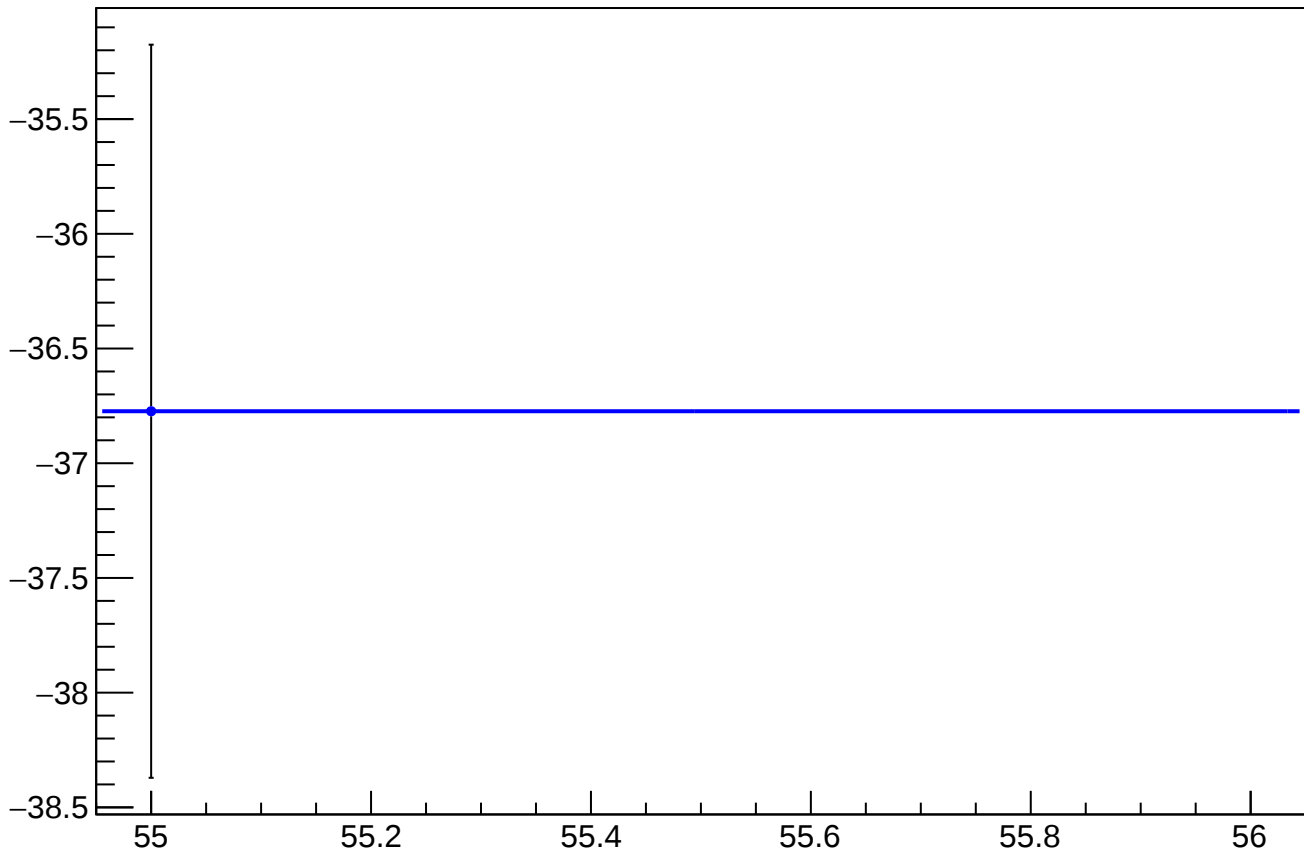
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

55.425 $\pm$ 0.253 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -36.773 $\pm$ 1.598 χ^2 /NDF: 0.0/0

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

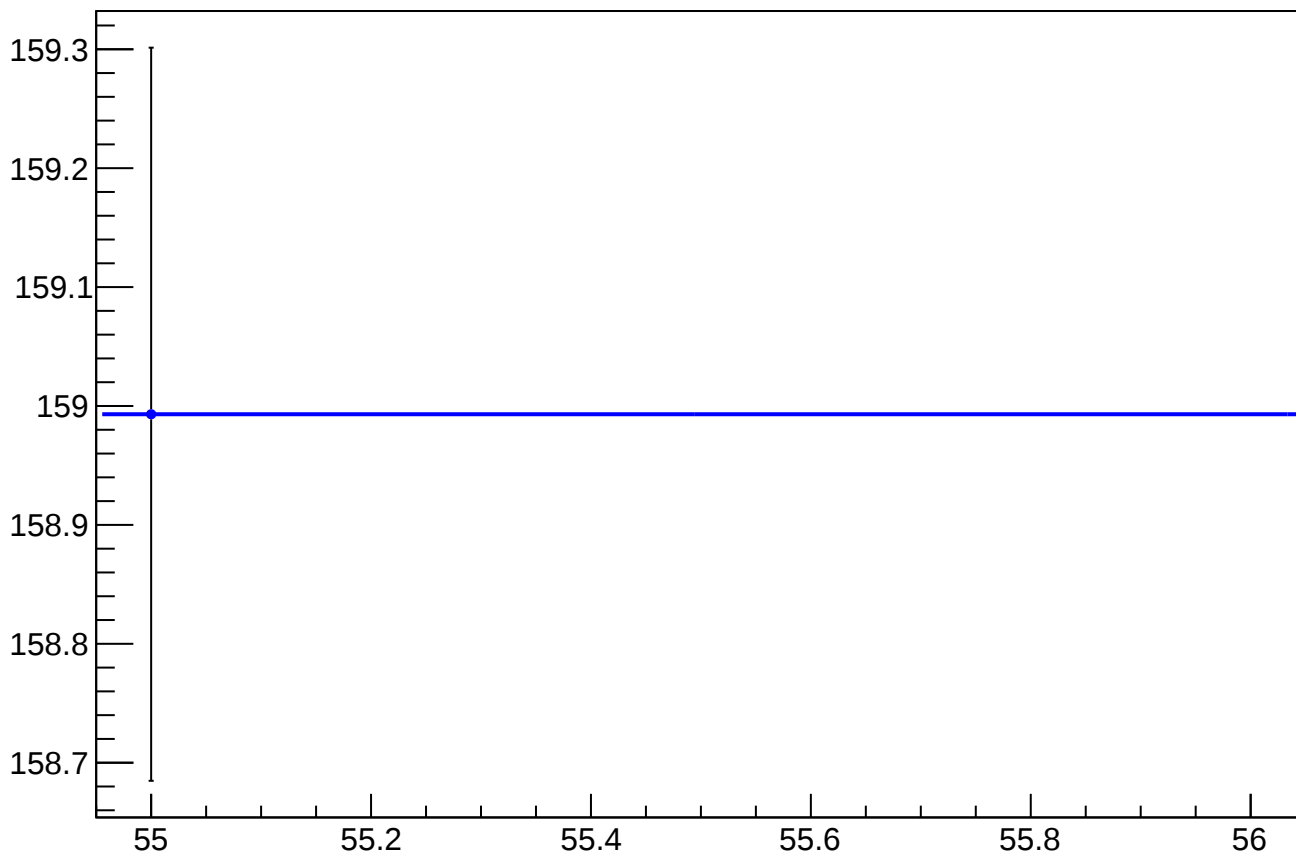
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-36.773 $\pm$ 1.598 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm11X_slope vs slug



Right In: 158.993 $\pm$ 0.308 χ^2 /NDF: 0.0/0

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

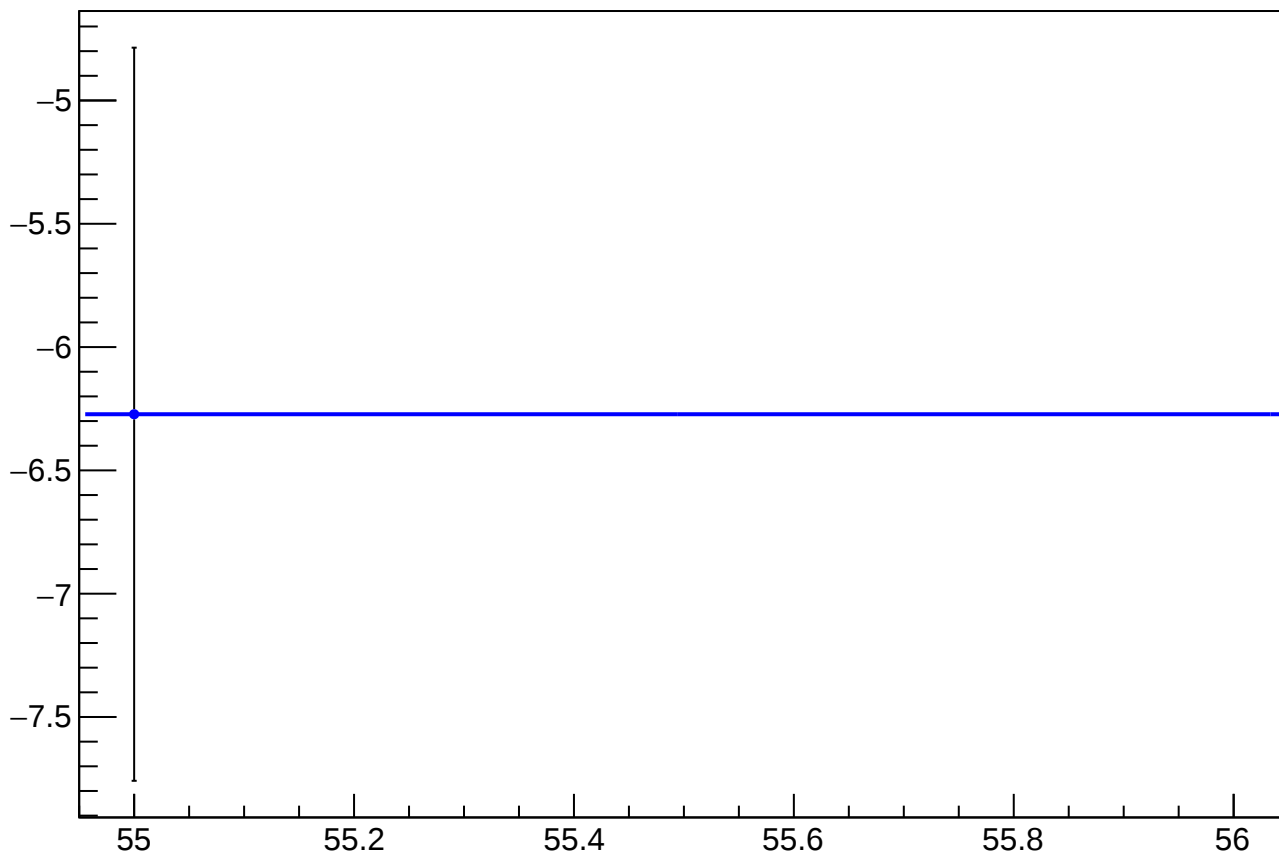
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

158.993 $\pm$ 0.308 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs slug



Right In: -6.272+/-1.486 χ^2/NDF : 0.0/0

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

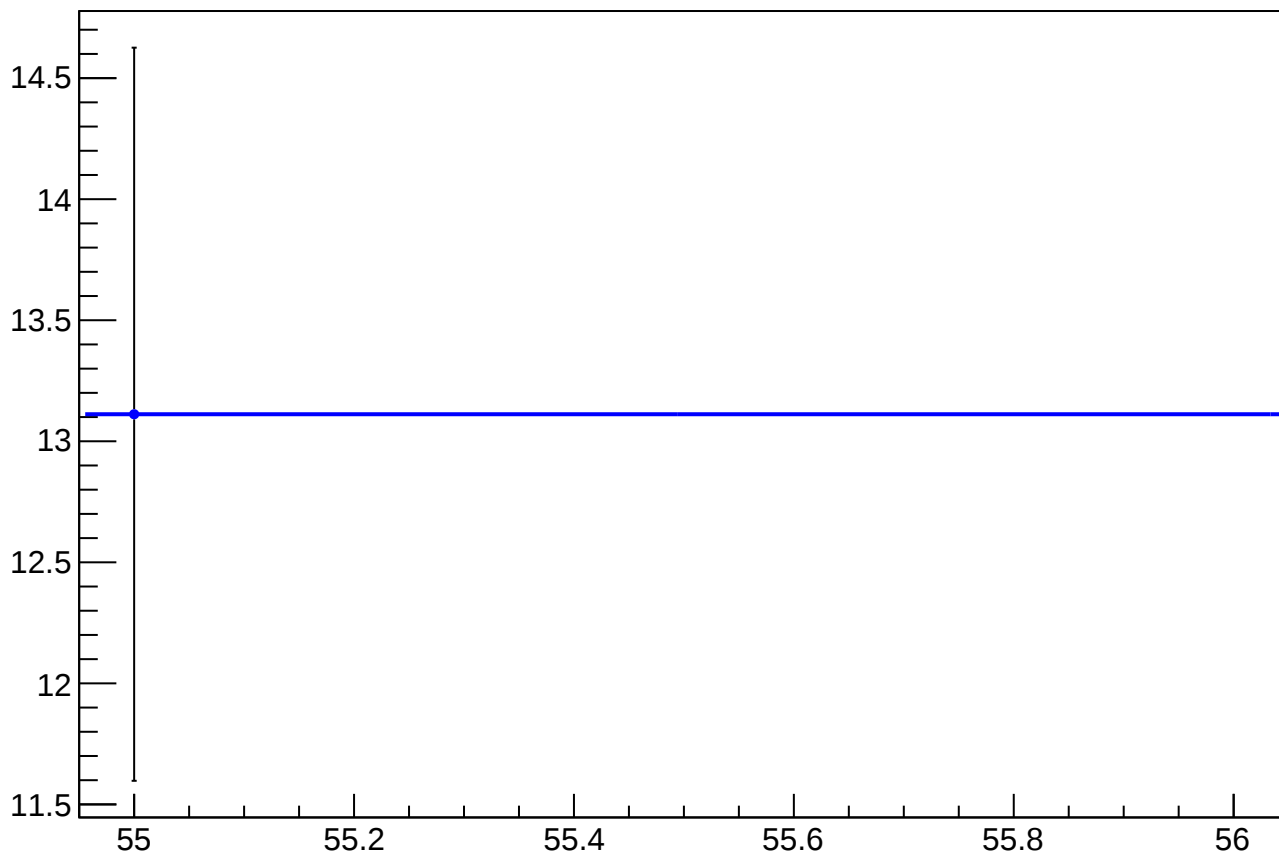
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-6.272+/-1.486 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs slug



Right In: 13.112+/-1.514 χ^2/NDF : 0.0/0

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

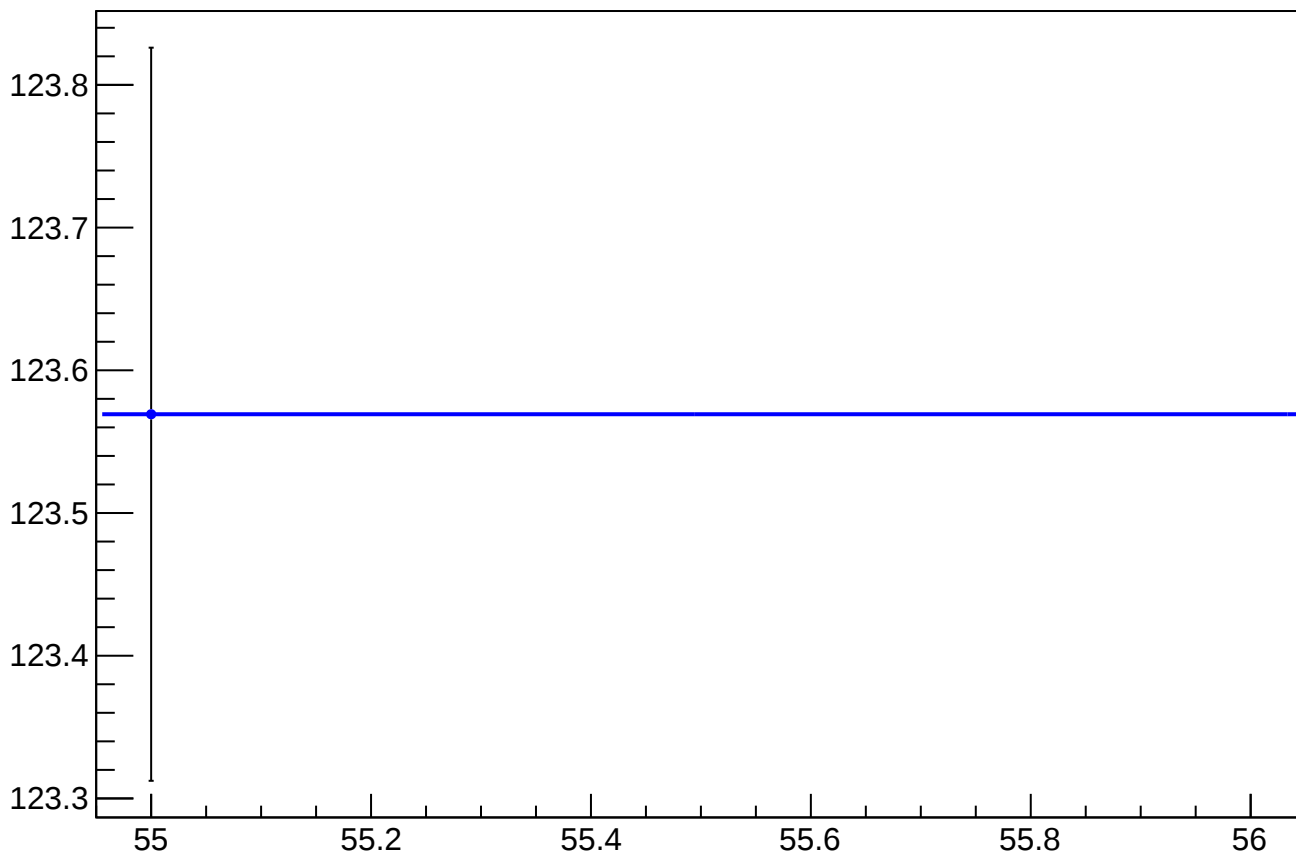
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

13.112+/-1.514 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs slug



Right In: 123.569 $\pm$ 0.257 χ^2 /NDF: 0.0/0

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

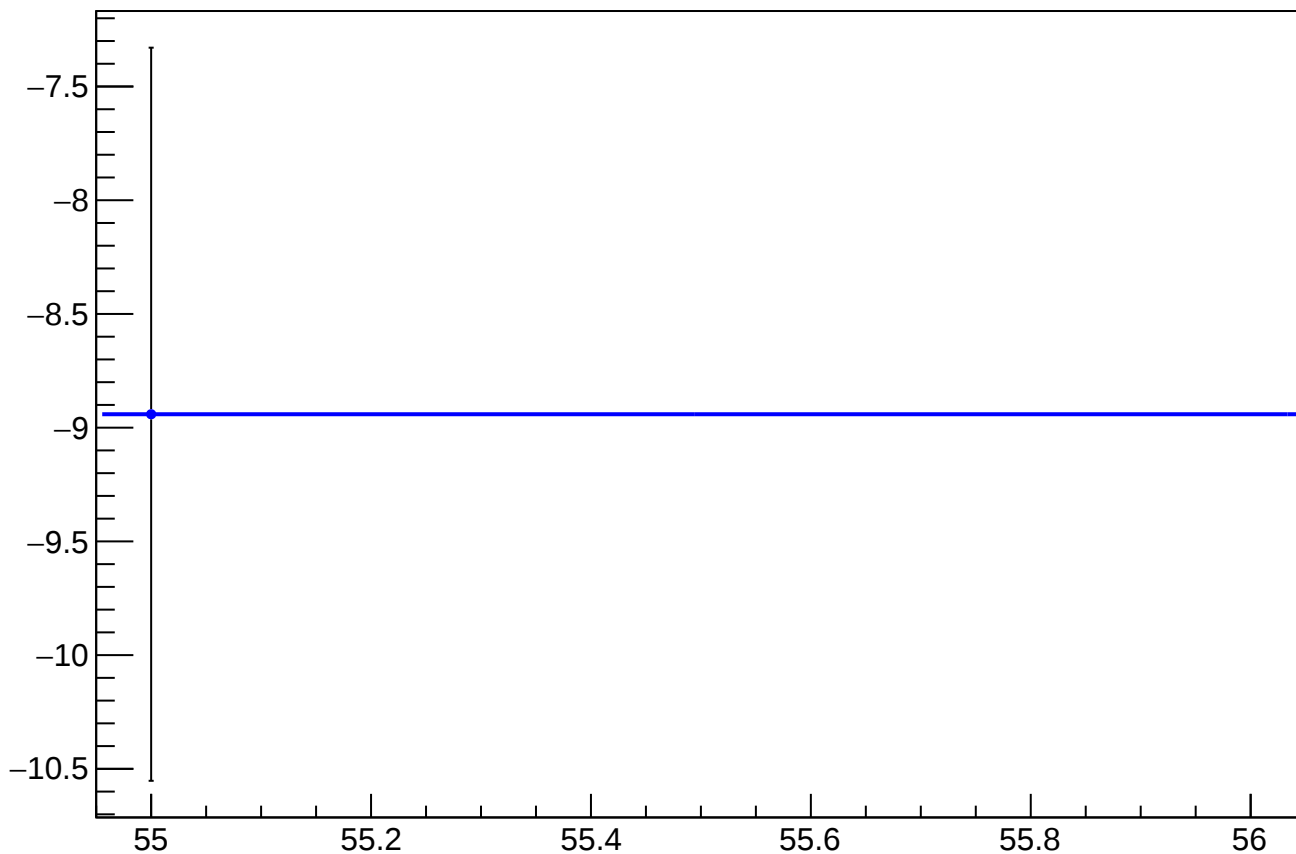
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

123.569 $\pm$ 0.257 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: -8.941+/-1.612 χ^2/NDF : 0.0/0

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

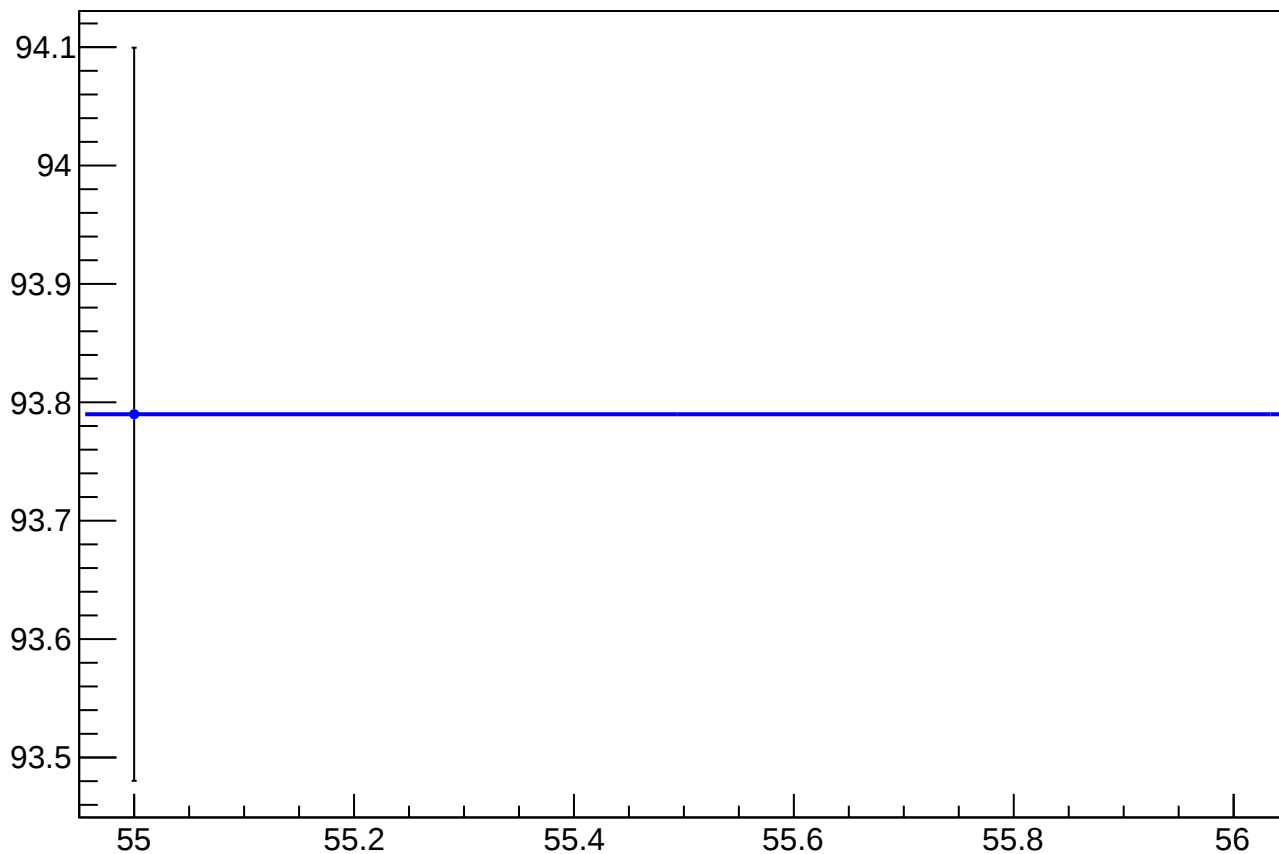
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-8.941+/-1.612 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm11X_slope vs slug



Right In: 93.790 $\pm$ 0.310 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

93.790 $\pm$ 0.310 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0