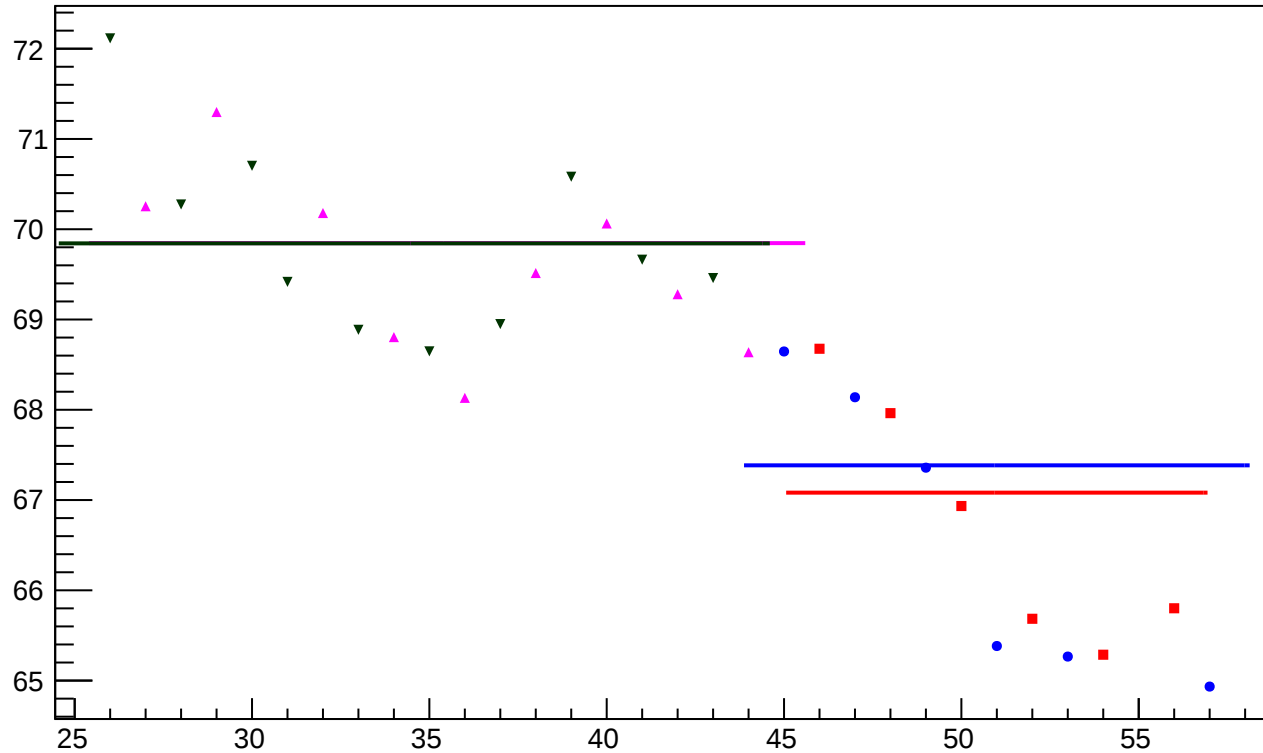


yield_usl_mean vs slug



Right In: 67.384+/-0.000

χ^2/NDF : 217018547.9/5

69.028+/-0.000

χ^2/NDF : 964005466.8/15

Left Out: 69.843+/-0.000

χ^2/NDF : 214944835.0/9

Right Out: 67.082+/-0.000

χ^2/NDF : 150834559.0/5

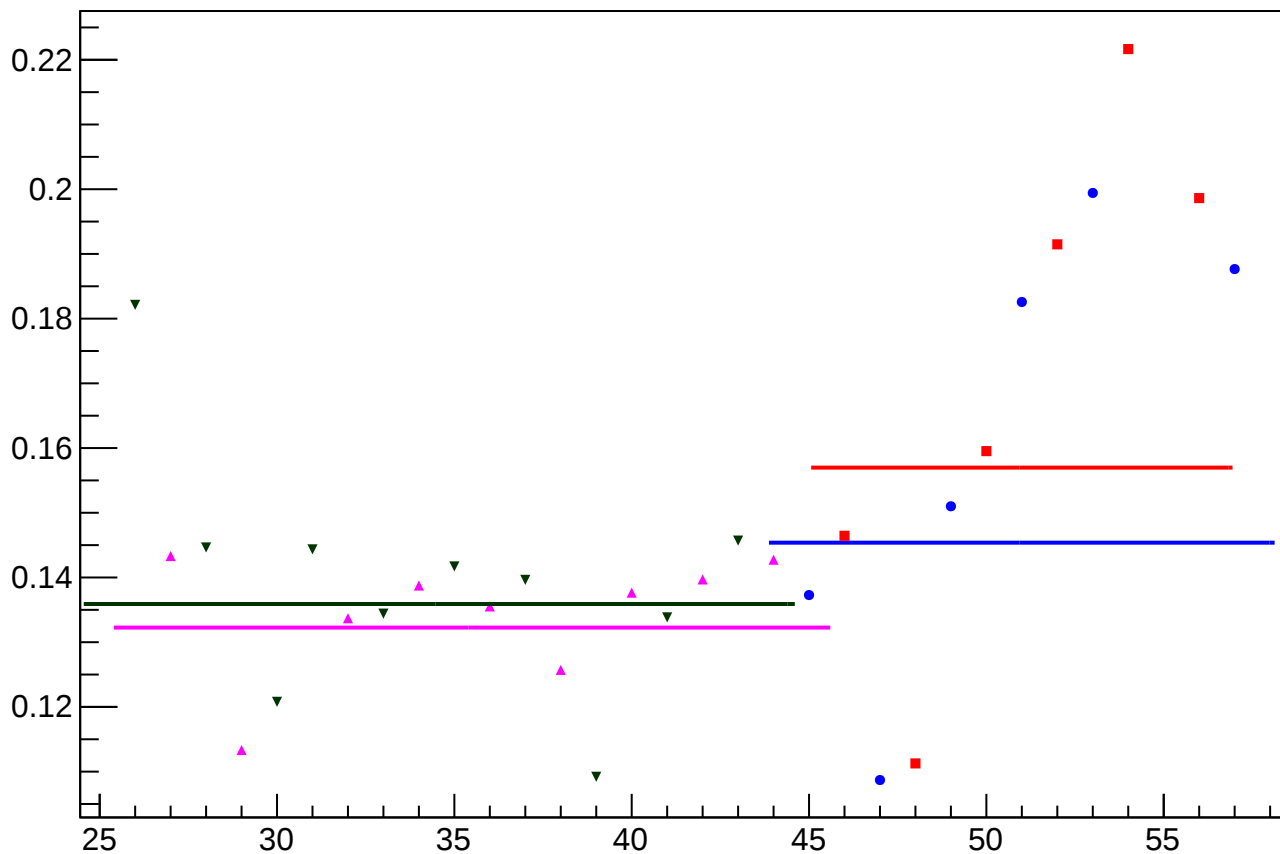
69.130+/-0.000

χ^2/NDF : 1047318614.6/14

Left In: 69.846+/-0.000

χ^2/NDF : 291597621.2/8

yield_usl_rms vs slug



Right In: 0.145+/-0.000 χ^2/NDF : 228566.5/5

Left Out: 0.136+/-0.000 χ^2/NDF :142040.9/9

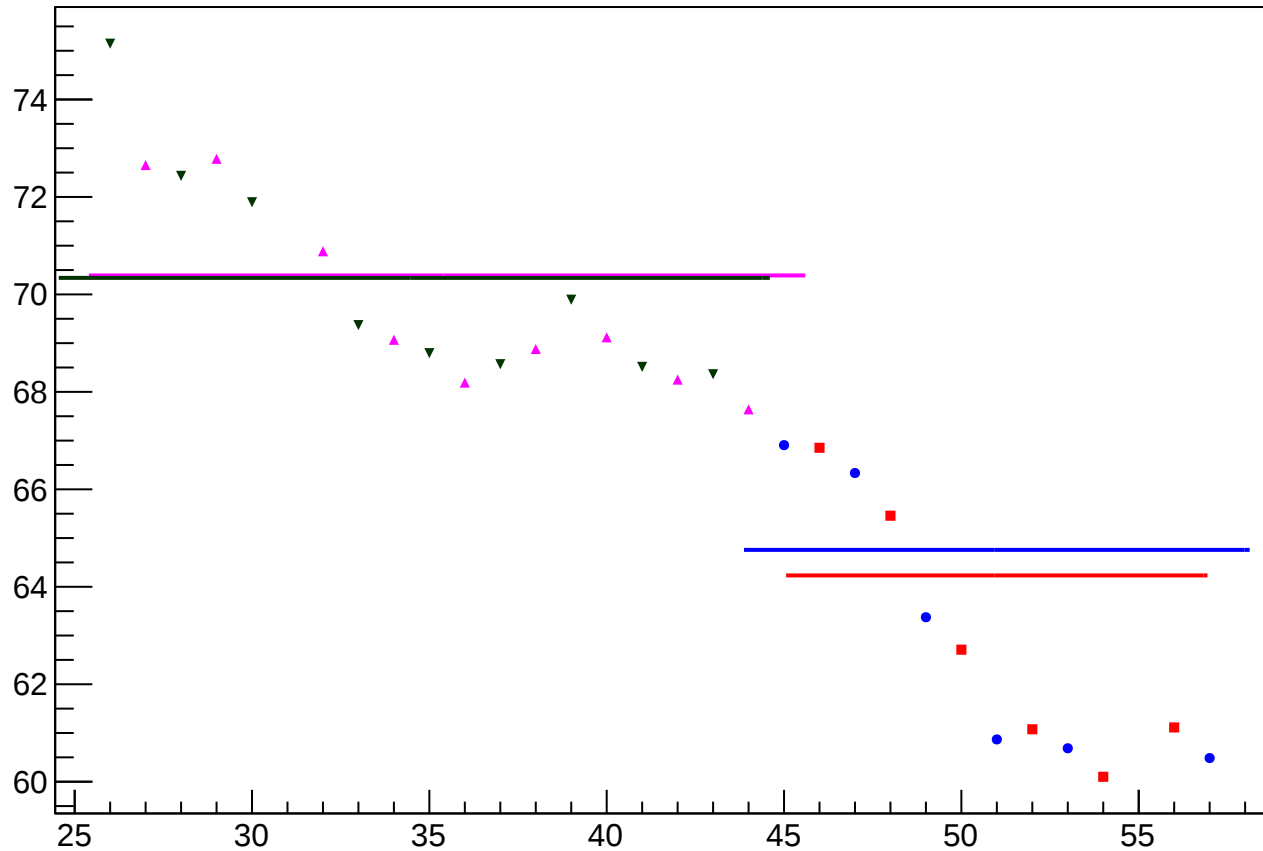
Right Out: 0.157+/-0.000 χ^2/NDF : 307537.4/5

Left In: 0.132+/-0.000 χ^2/NDF :68230.8/8

0.139+/-0.000 χ^2/NDF : 386422.1/15

0.139+/-0.000 χ^2/NDF : 472509.4/14

yield_usr_mean vs slug



Right In: 64.757+/-0.000 χ^2/NDF : 1627505303.8/5

Left Out: 70.340+/-0.000 χ^2/NDF : 2358099133.7/8

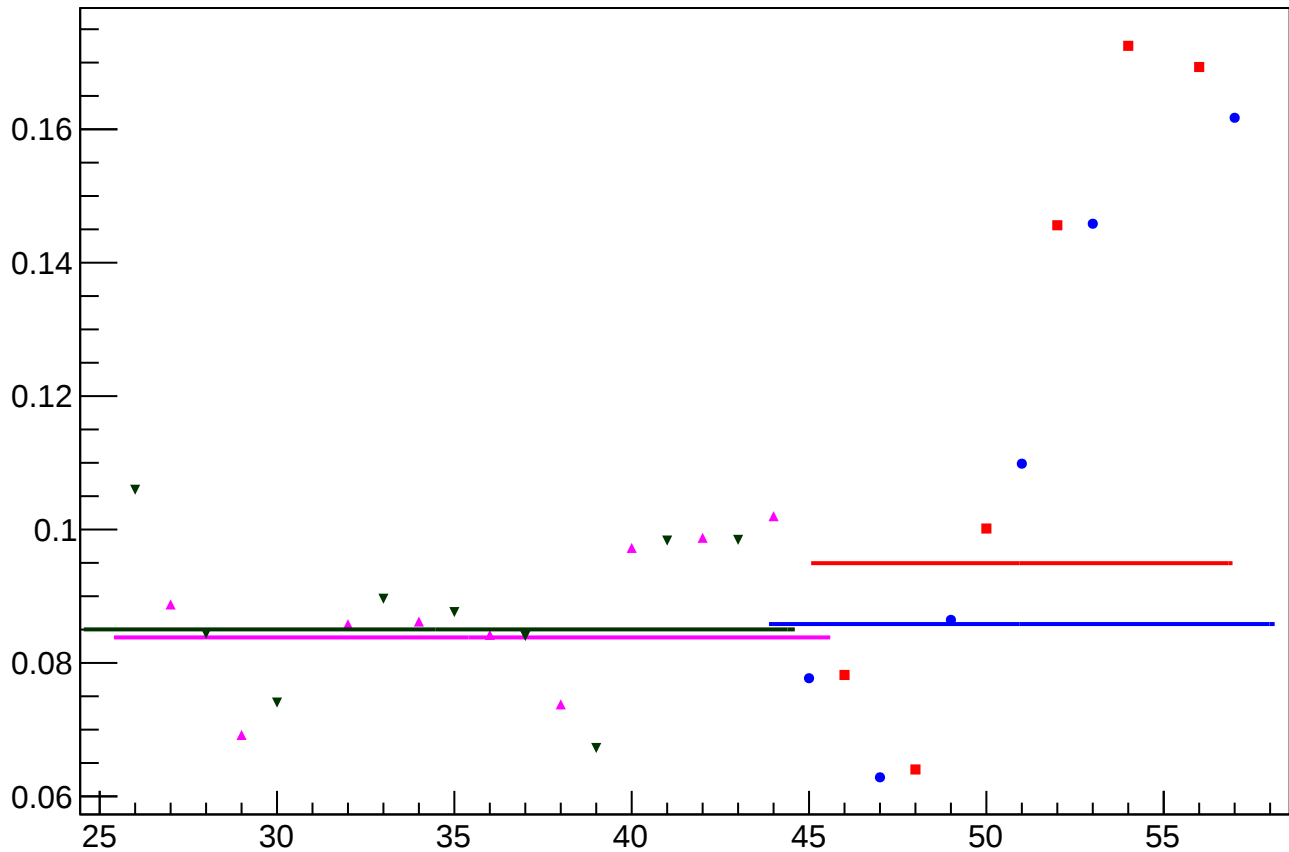
68.329+/-0.000 χ^2/NDF : 10731062255.9/14

Right Out: 64.233+/-0.000 χ^2/NDF : 1307318654.1/5

68.789+/-0.000 χ^2/NDF : 11162899110.1/14

Left In: 70.389+/-0.000 χ^2/NDF : 2703371735.7/8

yield_usr_rms vs slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 501597.5/5

Left Out: 0.085 $\pm$ 0.000 χ^2 /NDF: 154523.7/8

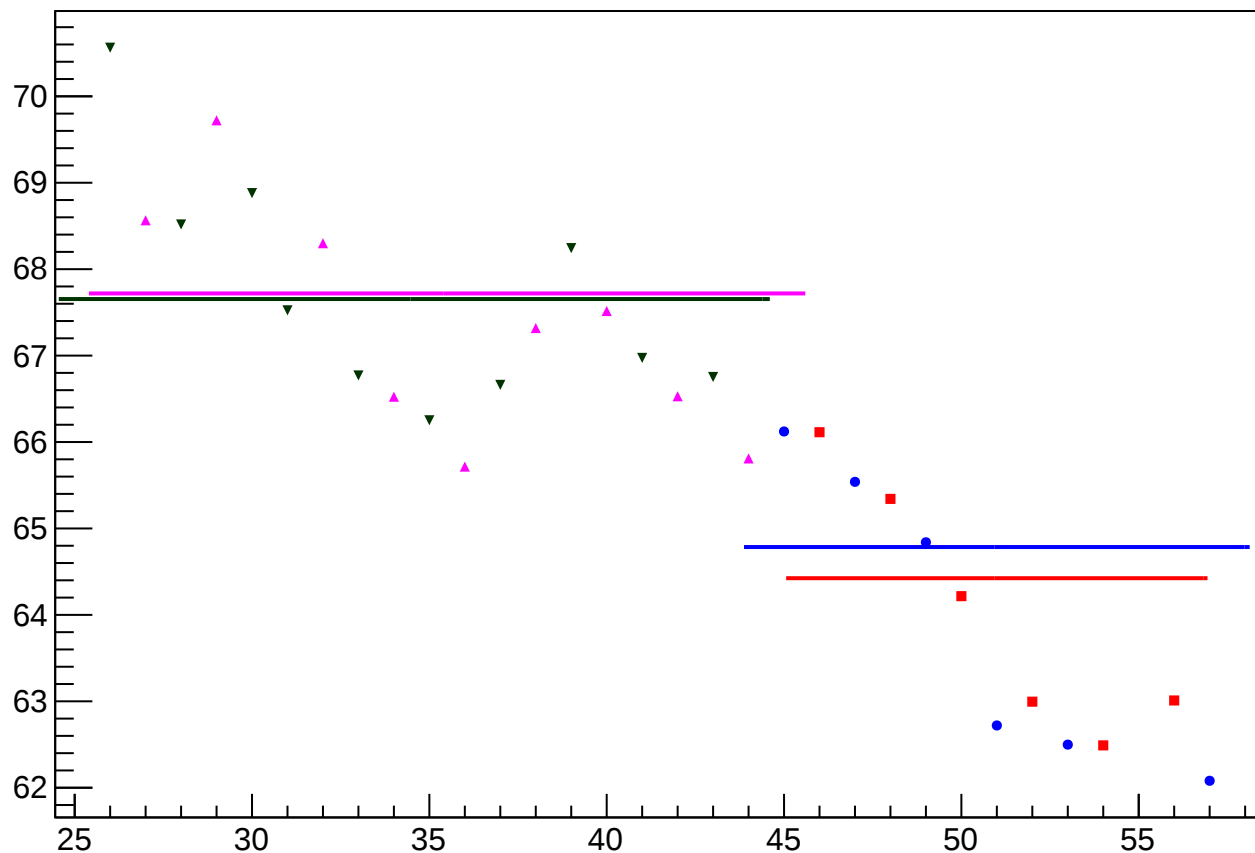
Right Out: 0.095 $\pm$ 0.000 χ^2 /NDF: 715944.5/5

Left In: 0.084 $\pm$ 0.000 χ^2 /NDF: 162178.0/8

0.085 $\pm$ 0.000 χ^2 /NDF: 656399.9/14

0.087 $\pm$ 0.000 χ^2 /NDF: 924886.8/14

yield_dsl_mean vs slug



Right In: 64.785+/-0.000 χ^2/NDF : 246031191.5/5

Left Out: 67.654+/-0.000 χ^2/NDF : 328545386.7/9

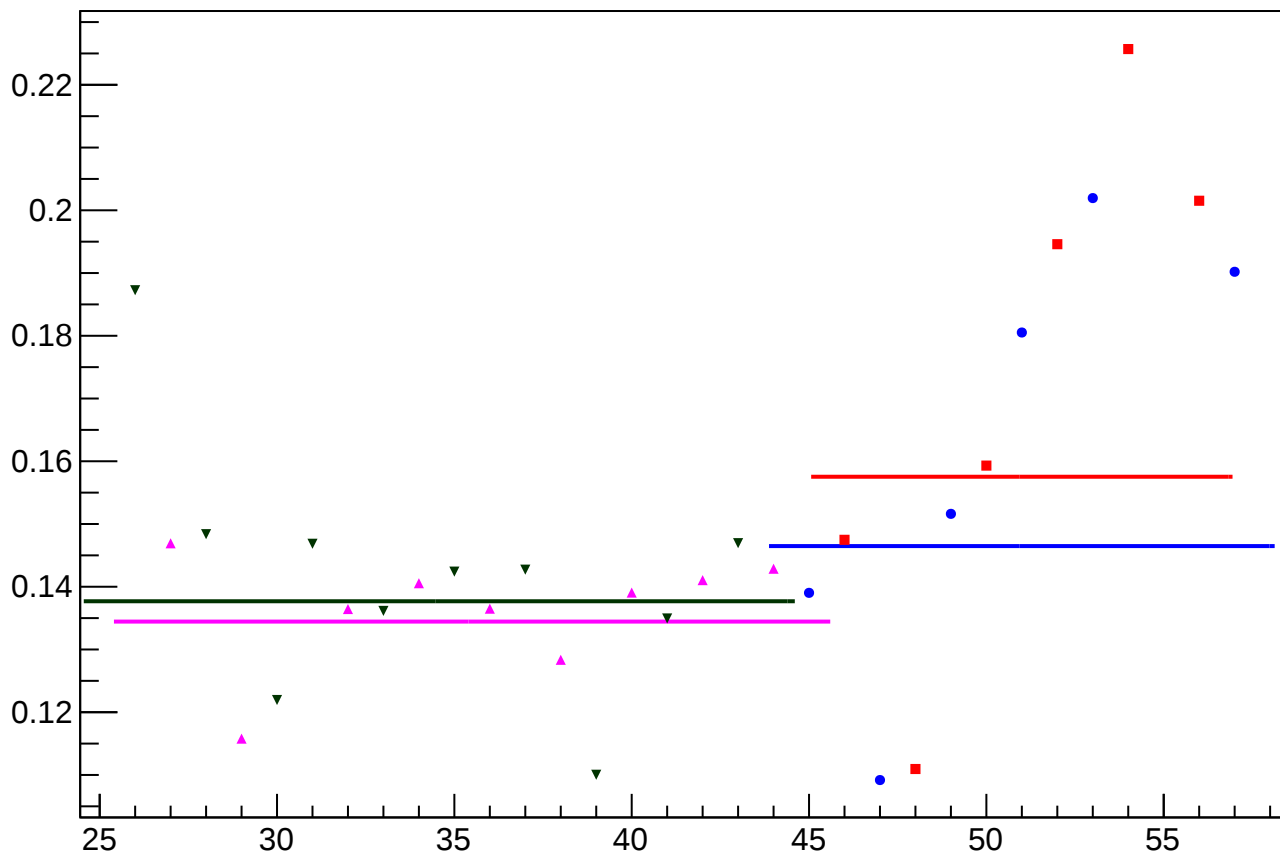
Right Out: 64.424+/-0.000 χ^2/NDF : 167143745.4/5

Left In: 67.719+/-0.000 χ^2/NDF : 544133409.1/8

66.695+/-0.000 χ^2/NDF : 1286063343.2/15

66.850+/-0.000 χ^2/NDF : 1559583459.0/14

yield_dsl_rms vs slug



Right In: 0.146+/-0.000 χ^2/NDF : 233186.2/5

Left Out: 0.138+/-0.000 χ^2/NDF :153493.7/9

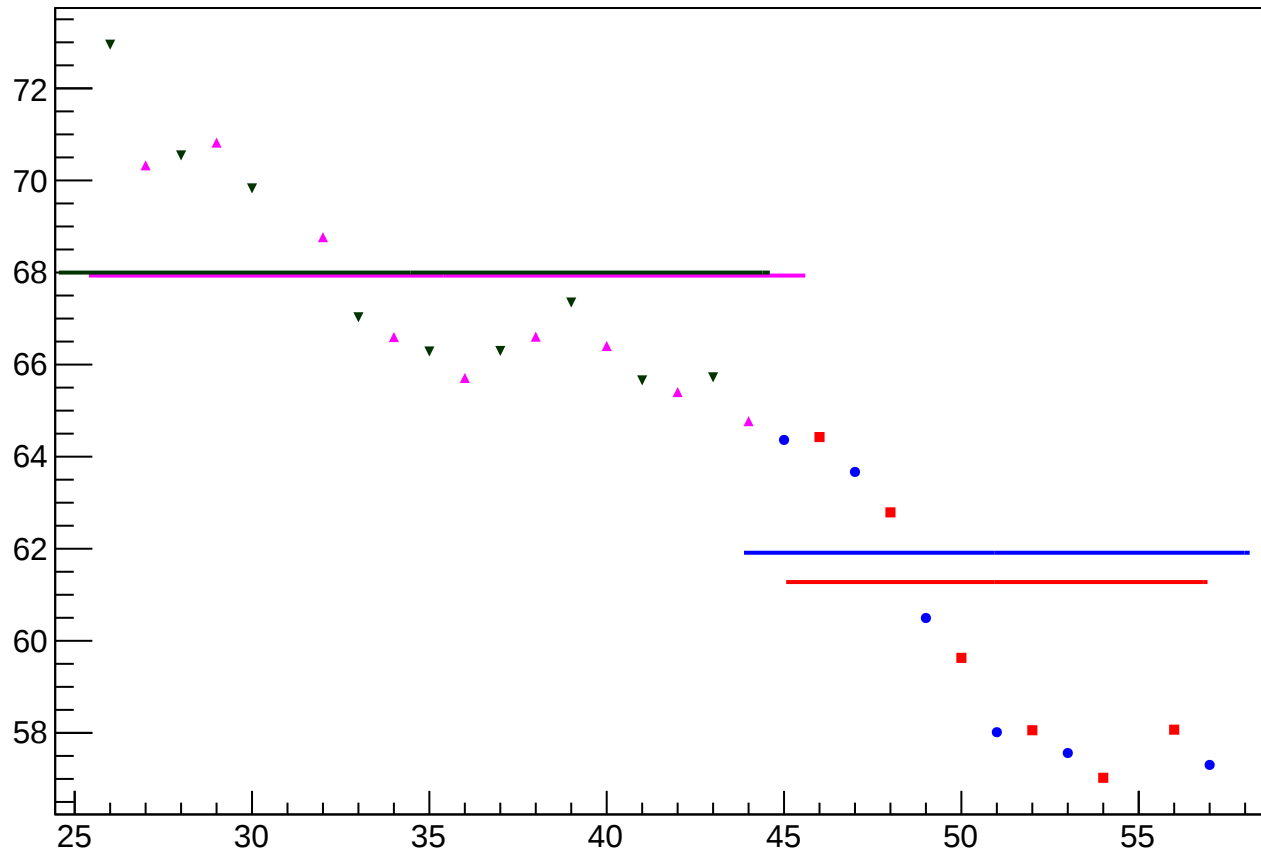
Right Out: 0.158+/-0.000 χ^2/NDF : 328013.0/5

Left In: 0.134+/-0.000 χ^2/NDF :63498.7/8

0.141+/-0.000 χ^2/NDF : 400045.2/15

0.141+/-0.000 χ^2/NDF : 474814.9/14

yield_dsr_mean vs slug



Right In: 61.913+/-0.000 χ^2/NDF : 2116108689.2/5

Left Out: 67.999+/-0.000 χ^2/NDF : 3088835100.9/8

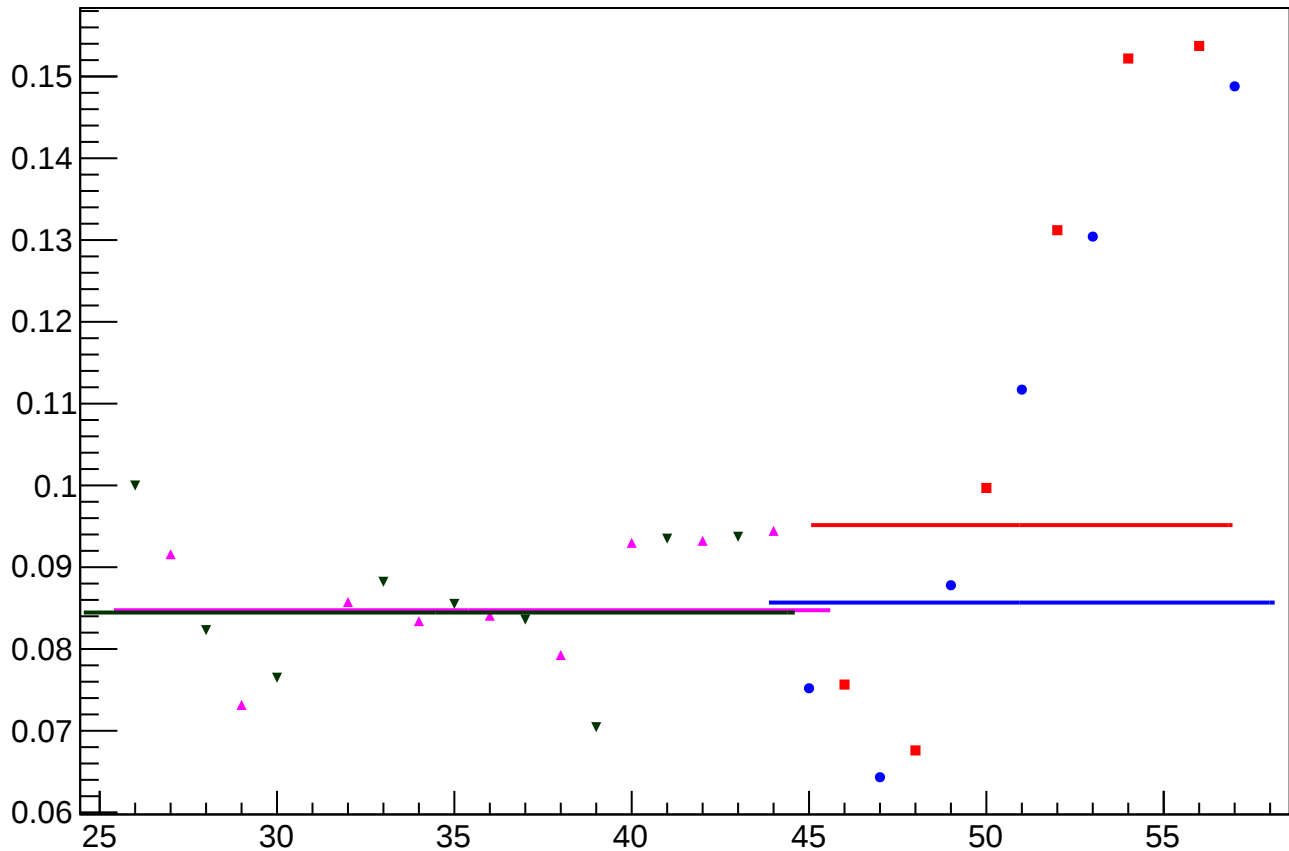
Right Out: 61.277+/-0.000 χ^2/NDF : 1794992136.2/5

Left In: 67.934+/-0.000 χ^2/NDF : 3365476193.8/8

65.796+/-0.000 χ^2/NDF : 13404506788.4/14

66.141+/-0.000 χ^2/NDF : 13704706423.3/14

yield_dsr_rms vs slug



Right In: 0.086+/-0.000 χ^2/NDF : 404725.0/5

Left Out: 0.084+/-0.000 χ^2/NDF : 86764.0/8

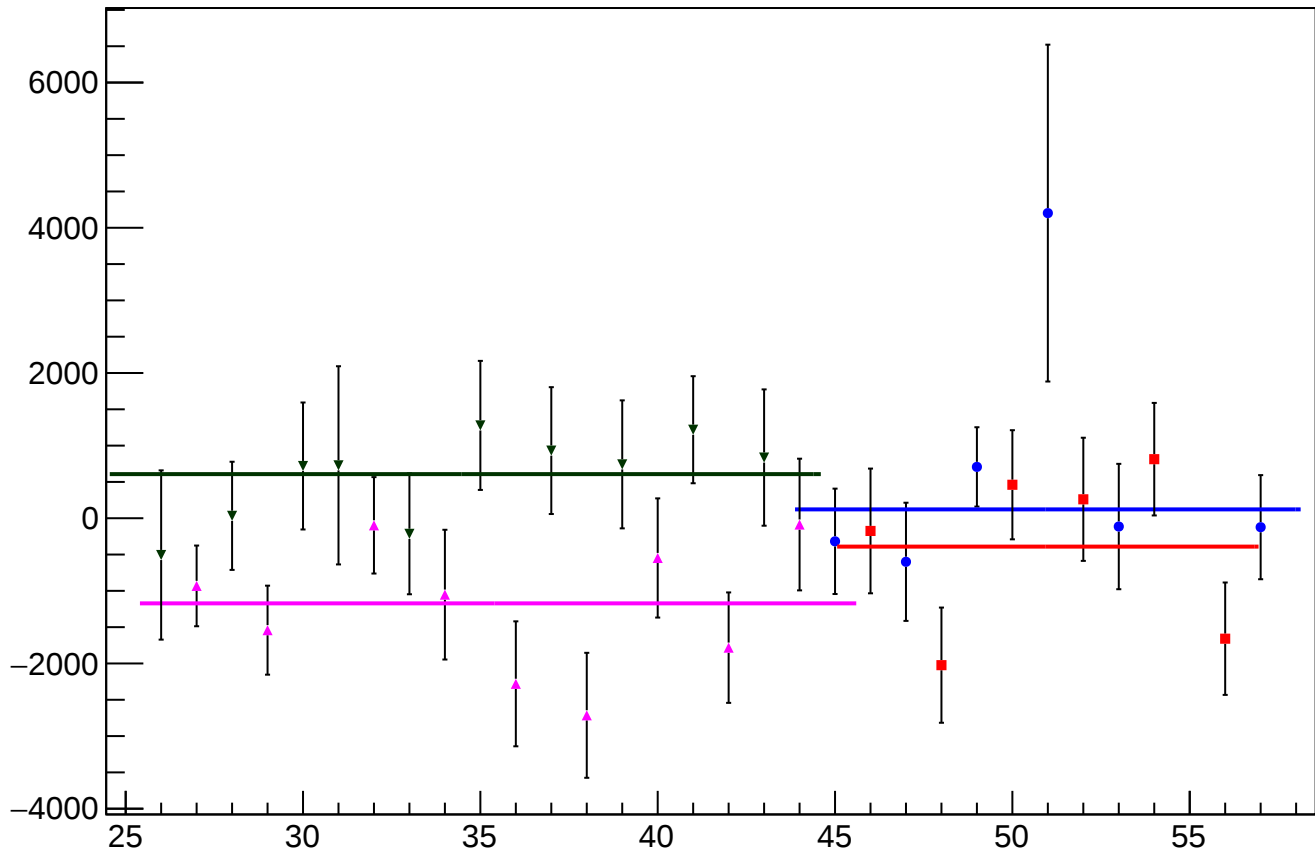
Right Out: 0.095+/-0.000 χ^2/NDF : 524805.6/5

Left In: 0.085+/-0.000 χ^2/NDF : 76721.4/8

0.085+/-0.000 χ^2/NDF : 492145.3/14

0.088+/-0.000 χ^2/NDF : 643301.9/14

asym_usl_mean vs slug



Right In: 121.790 ± 312.585 $\chi^2/\text{NDF}: 5.6/5$

Left Out: 607.534 ± 280.959 $\chi^2/\text{NDF}: 4.0/9$

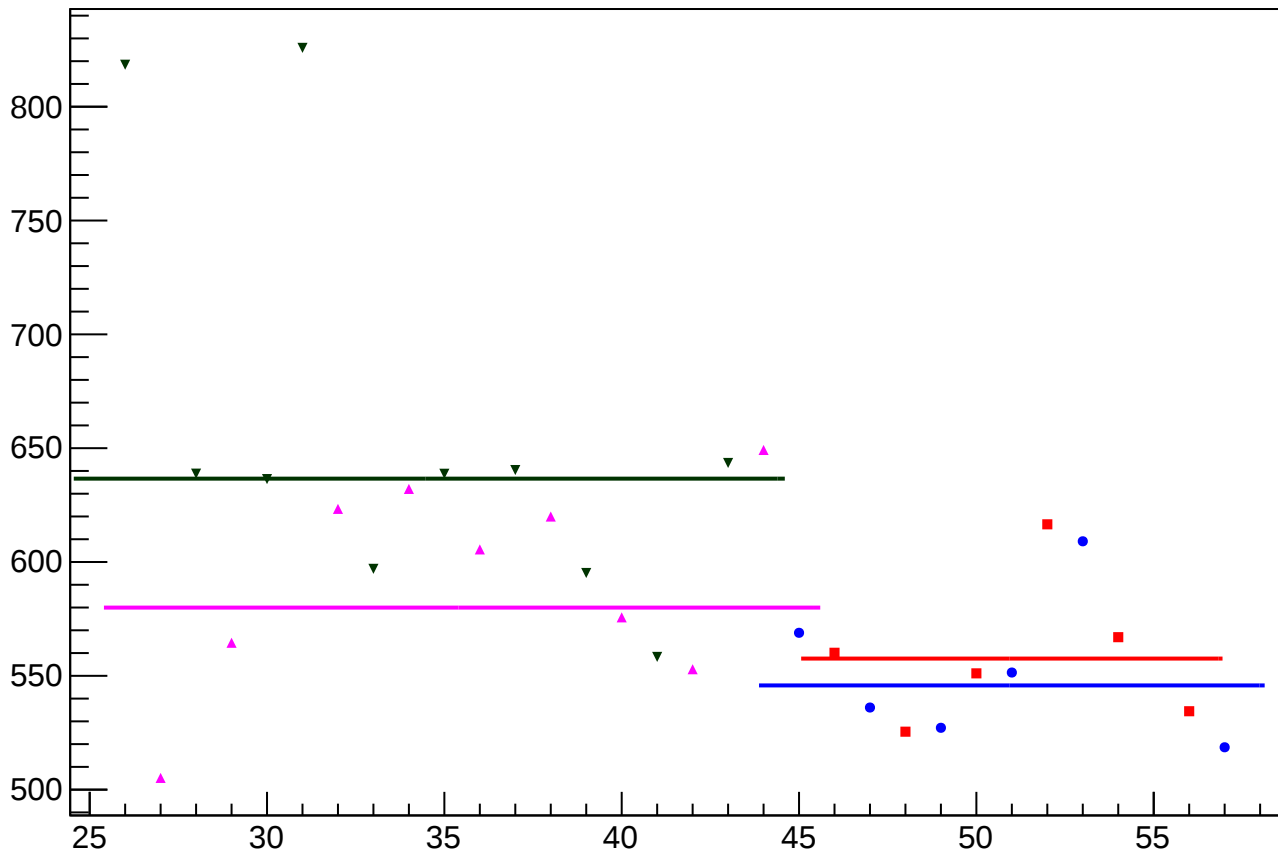
Right Out: -390.772 ± 325.440 $\chi^2/\text{NDF}: 11.3/5$

Left In: -1172.316 ± 245.788 $\chi^2/\text{NDF}: 10.7/8$

390.471 ± 208.957 $\chi^2/\text{NDF}: 10.9/15$

-888.444 ± 196.135 $\chi^2/\text{NDF}: 25.7/14$

asym_usl_rms vs slug



Right In: 545.785 ± 0.221 χ^2/NDF : 18279.8/5

Left Out: 636.619 ± 0.199 χ^2/NDF : 118822.0/9

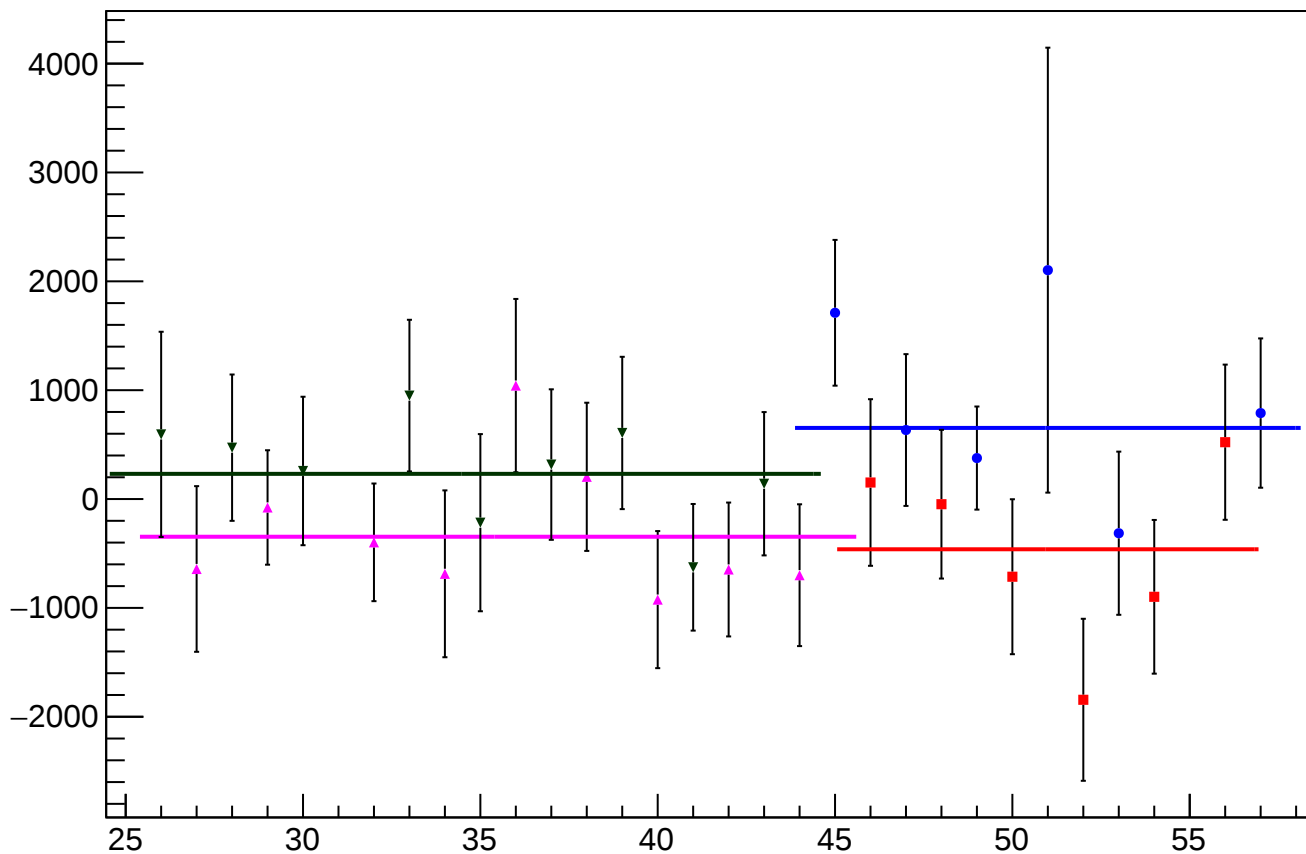
Right Out: 557.578 ± 0.230 χ^2/NDF : 15202.3/5

Left In: 579.971 ± 0.174 χ^2/NDF : 73206.6/8

596.029 ± 0.148 χ^2/NDF : 230516.4/15

571.837 ± 0.139 χ^2/NDF : 94438.7/14

asym_usr_mean vs slug



Right In: 653.383 ± 278.490 χ^2/NDF : 5.0/5

Left Out: 231.411 ± 232.753 χ^2/NDF : 4.1/8

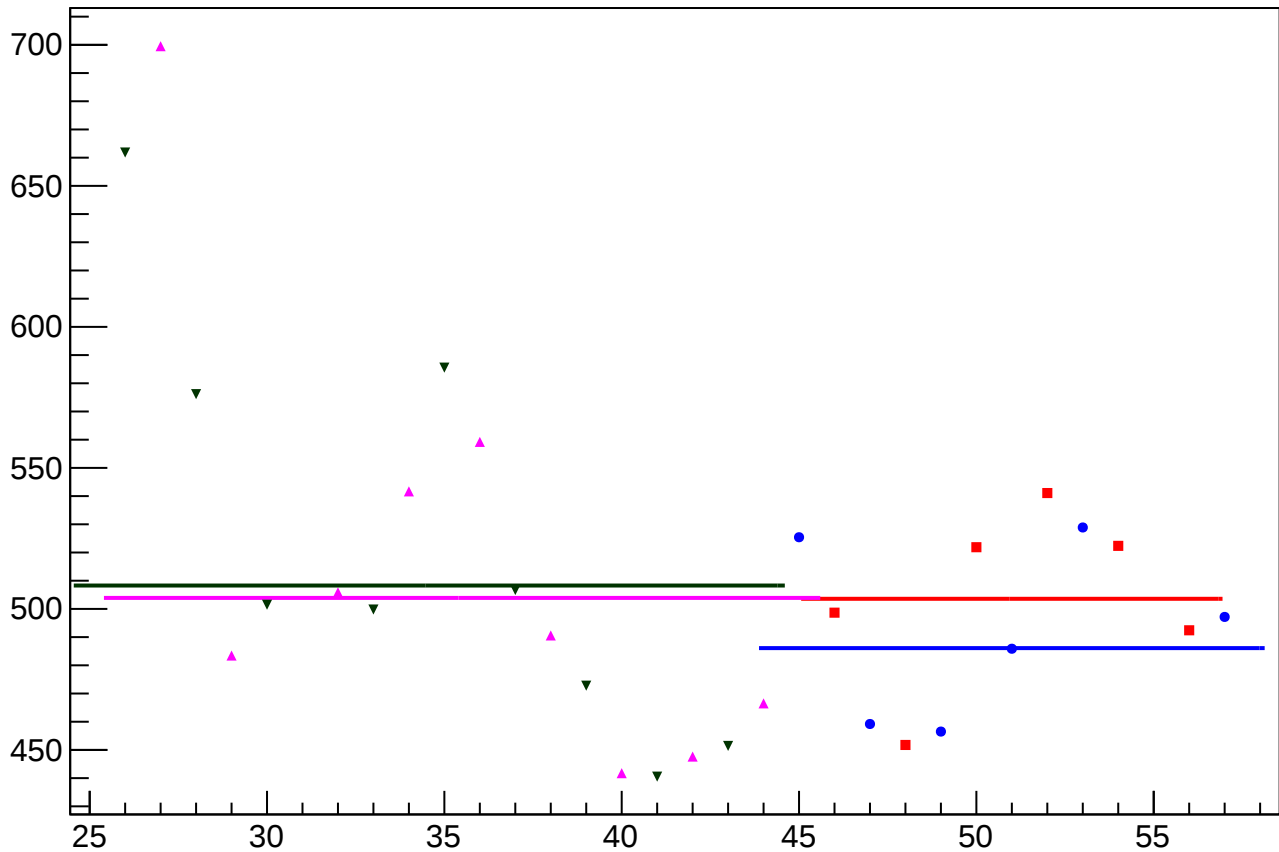
Right Out: -461.445 ± 293.540 χ^2/NDF : 6.9/5

Left In: -346.250 ± 214.497 χ^2/NDF : 5.7/8

404.946 ± 178.592 χ^2/NDF : 10.5/14

-386.348 ± 173.187 χ^2/NDF : 12.7/14

asym_usr_rms vs slug



Right In: 486.102 $\pm$ 0.197 χ^2 /NDF: 24719.9/5

Left Out: 508.292 $\pm$ 0.165 χ^2 /NDF:139195.8/8

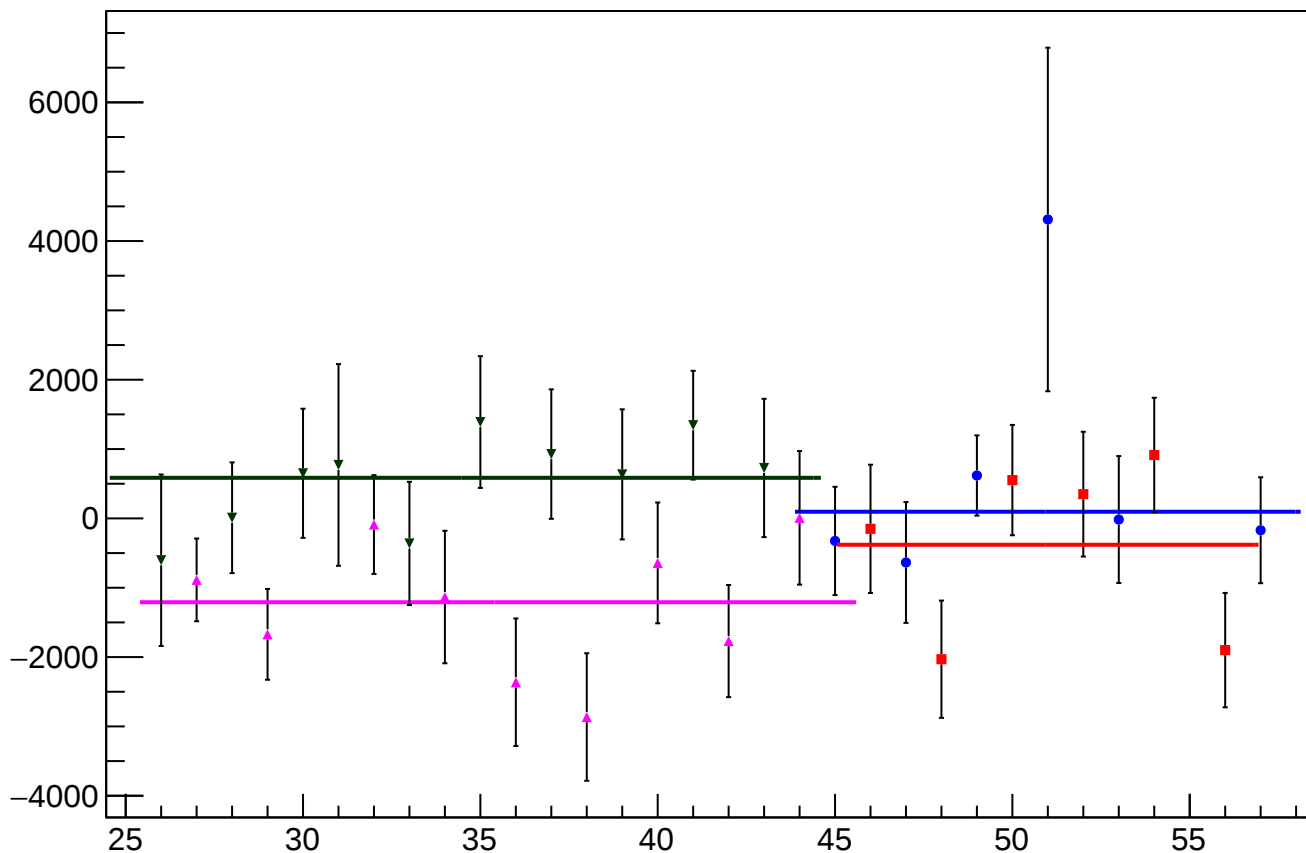
499.166 $\pm$ 0.126 χ^2 /NDF: 171391.7/14

Right Out: 503.588 $\pm$ 0.208 χ^2 /NDF: 19901.9/5

503.793 $\pm$ 0.122 χ^2 /NDF: 213254.8/14

Left In: 503.902 $\pm$ 0.152 χ^2 /NDF:193351.4/8

asym_dsl_mean vs slug



Right In: 96.146+/-333.113 χ^2/NDF : 4.8/5

Left Out: 585.397+/-299.644 χ^2/NDF : 4.4/9

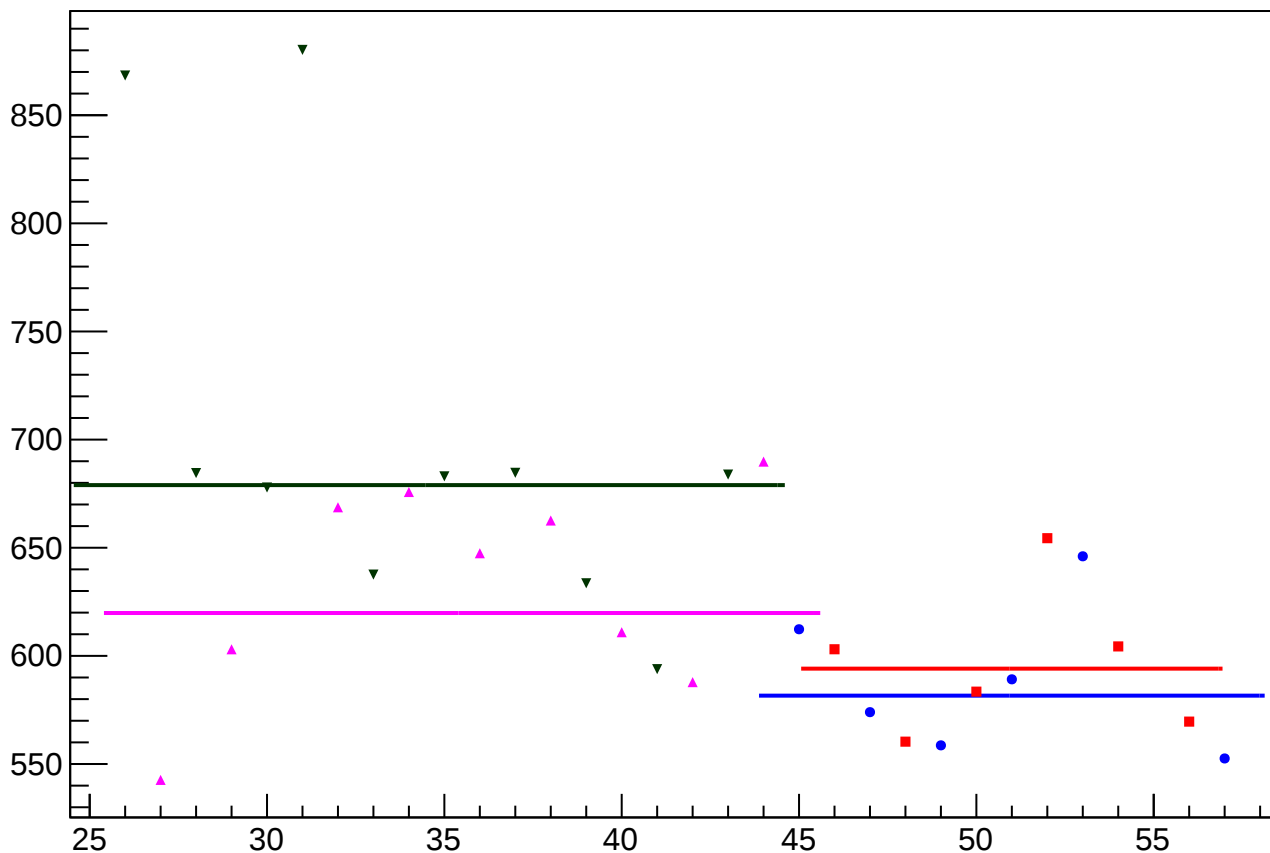
Right Out: -380.333+/-346.743 χ^2/NDF : 11.7/5

Left In: -1209.244+/-262.640 χ^2/NDF : 10.6/8

366.577+/-222.776 χ^2/NDF : 10.4/15

-907.051+/-209.361 χ^2/NDF : 26.0/14

asym_dsl_rms vs slug



Right In: 581.609 ± 0.236 χ^2/NDF : 19213.5/5

Left Out: 678.962 ± 0.212 χ^2/NDF : 118027.5/9

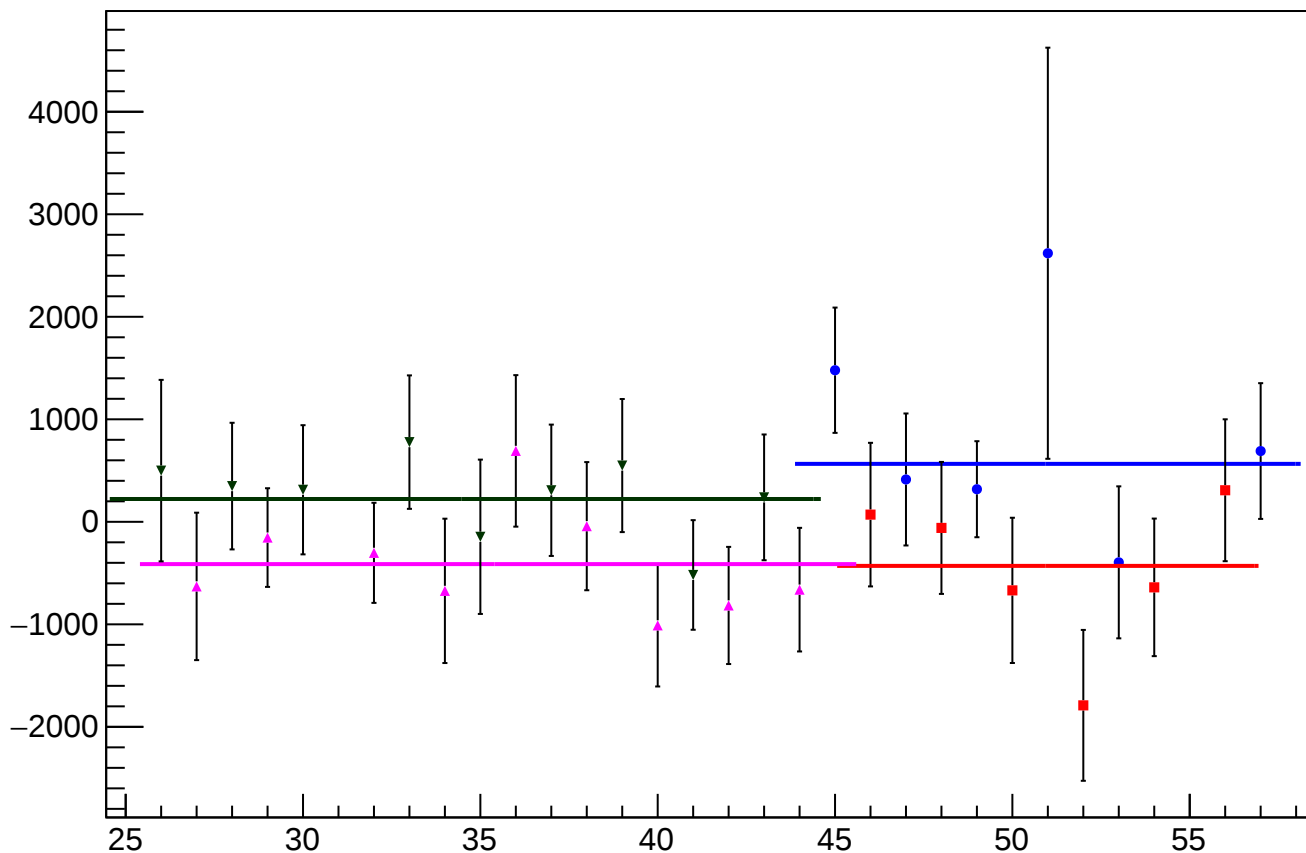
Right Out: 594.098 ± 0.245 χ^2/NDF : 14789.8/5

Left In: 619.820 ± 0.186 χ^2/NDF : 71061.2/8

635.421 ± 0.158 χ^2/NDF : 231662.1/15

610.443 ± 0.148 χ^2/NDF : 92844.6/14

asym_dsr_mean vs slug



Right In: 565.350+/-267.275 χ^2/NDF : 5.3/5

Left Out: 222.635+/-215.614 χ^2/NDF : 3.3/8

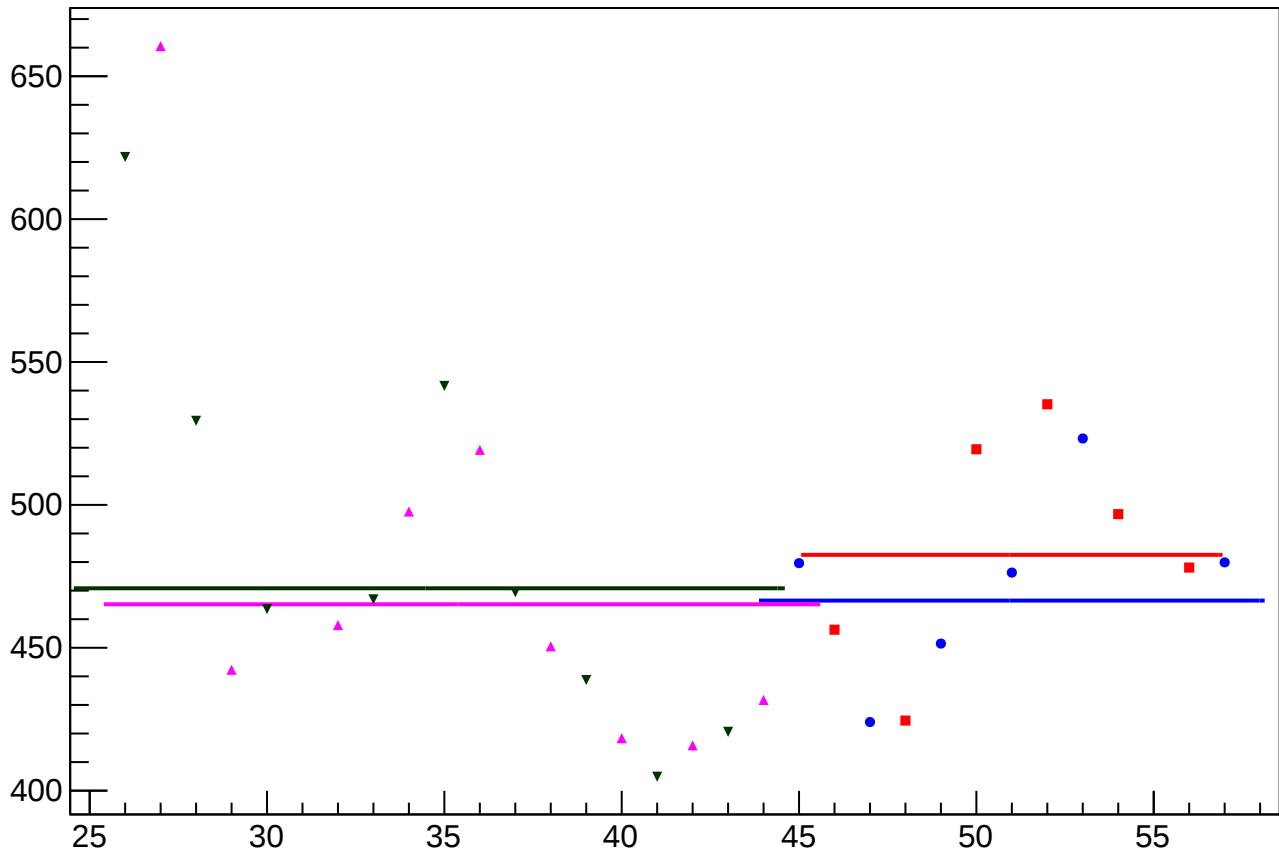
Right Out: -429.862+/-281.714 χ^2/NDF : 5.6/5

Left In: -412.499+/-198.099 χ^2/NDF : 4.8/8

357.743+/-167.816 χ^2/NDF : 9.6/14

-418.244+/-162.046 χ^2/NDF : 10.4/14

asym_dsr_rms vs slug



Right In: 466.519+/-0.189 χ^2/NDF : 24269.9/5

Left Out: 470.818+/-0.152 χ^2/NDF :142935.9/8

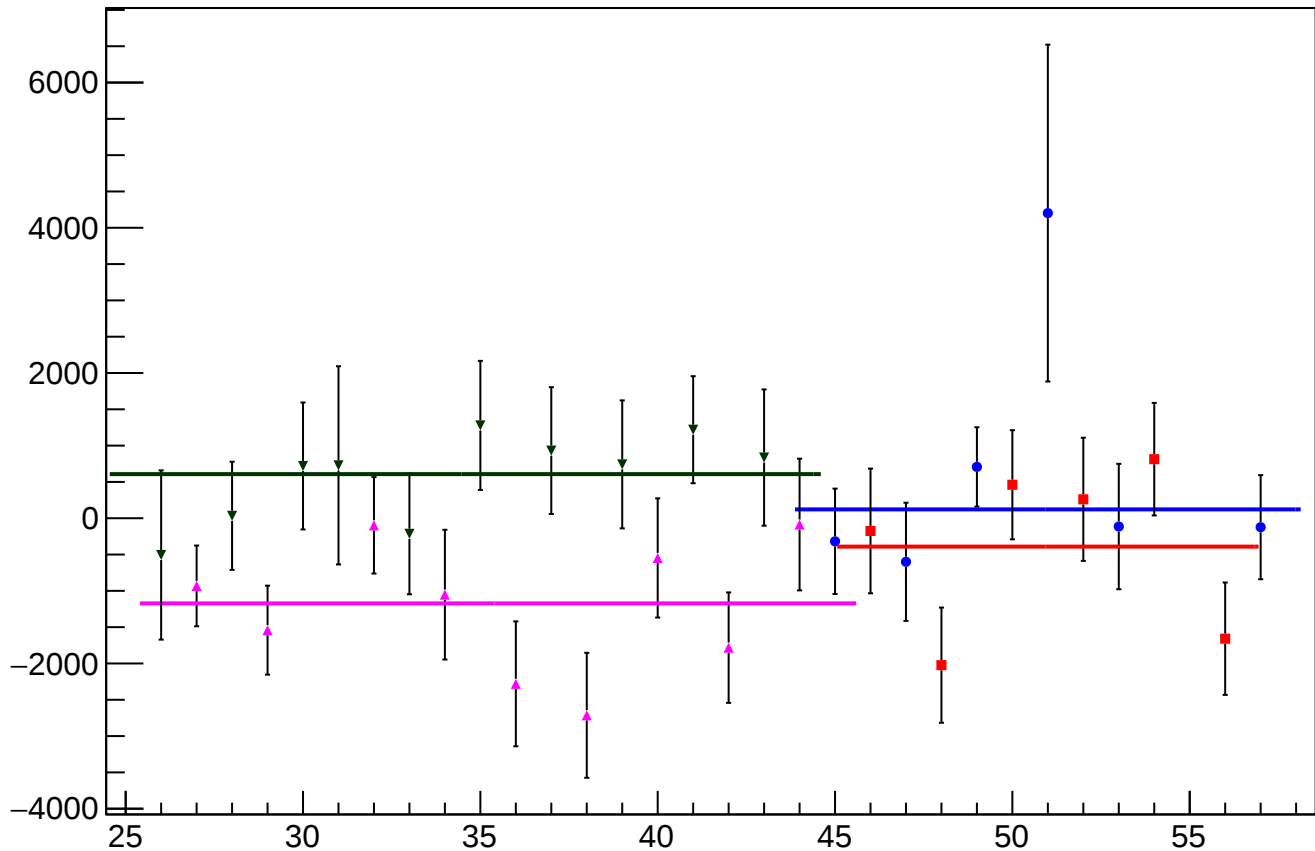
Right Out: 482.517+/-0.199 χ^2/NDF : 35702.8/5

Left In: 465.223+/-0.140 χ^2/NDF :202024.3/8

469.123+/-0.119 χ^2/NDF : 167519.1/14

470.945+/-0.115 χ^2/NDF : 242770.3/14

cor_usl_mean vs slug



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Left Out: 607.534+/-280.959 χ^2/NDF : 4.0/9

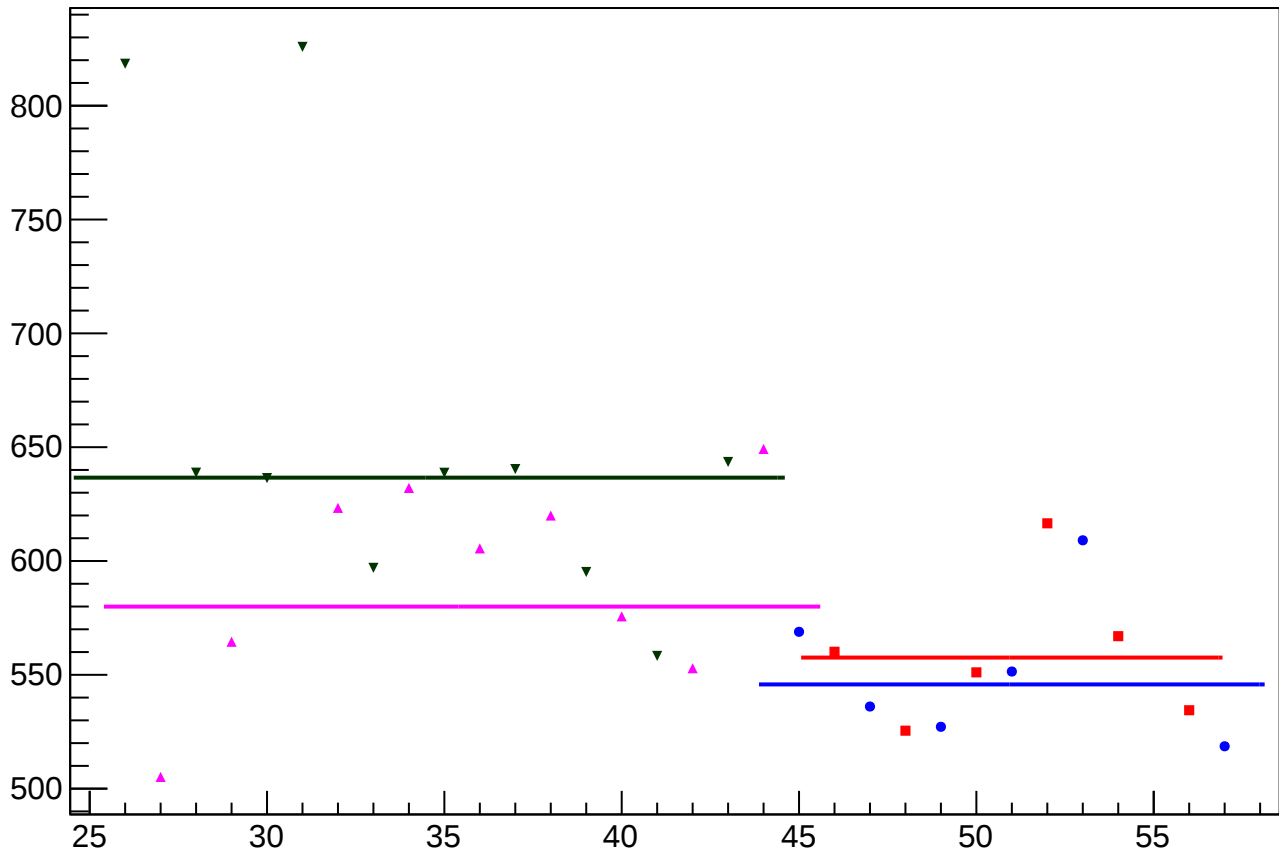
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cor_usl_rms vs slug



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Left Out: 636.619+/-0.199 χ^2/NDF :118822.0/9

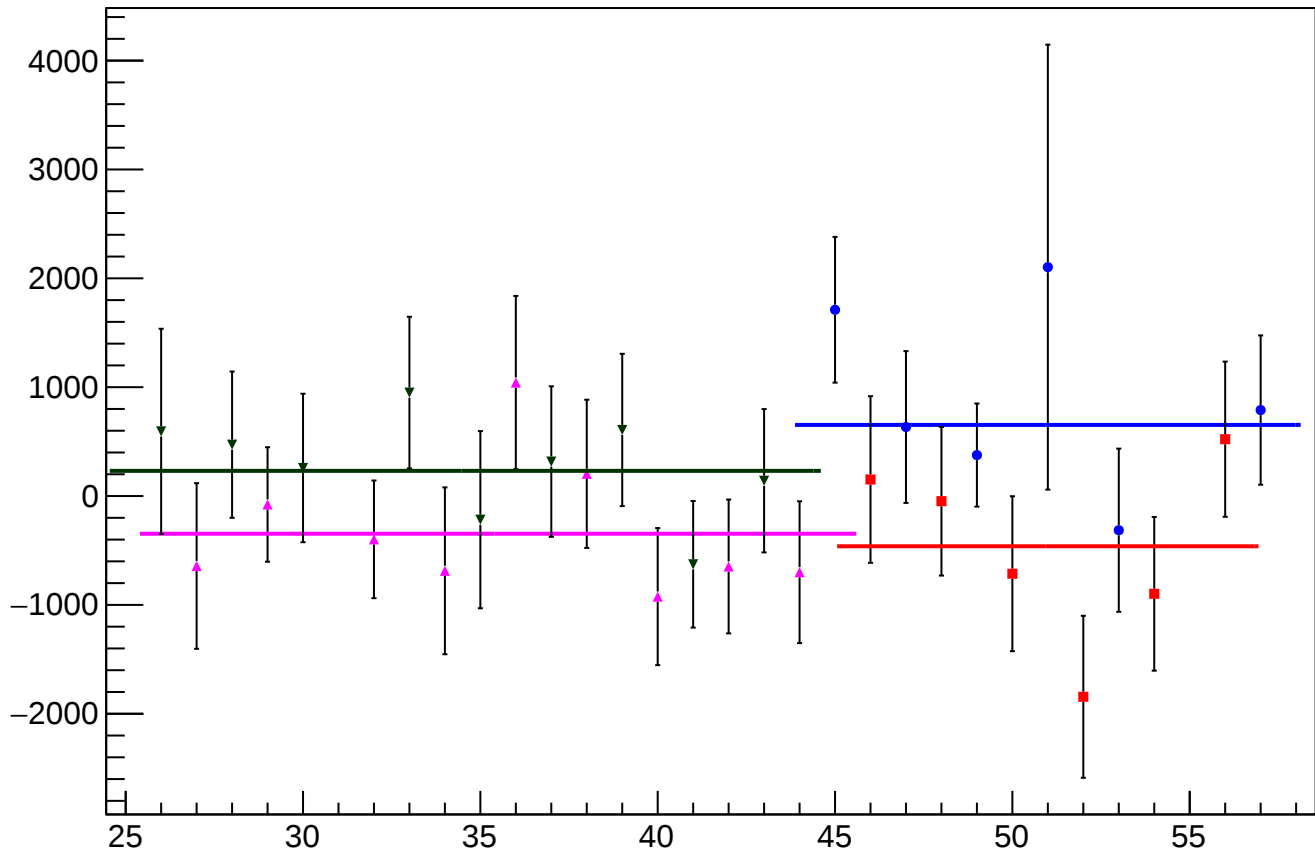
596.029+/-0.148 χ^2/NDF : 230516.4/15

Right Out: 557.578+/-0.230 χ^2/NDF : 15202.3/5

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cor_usr_mean vs slug



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Left Out: 231.411 ± 232.753 χ^2/NDF : 4.1/8

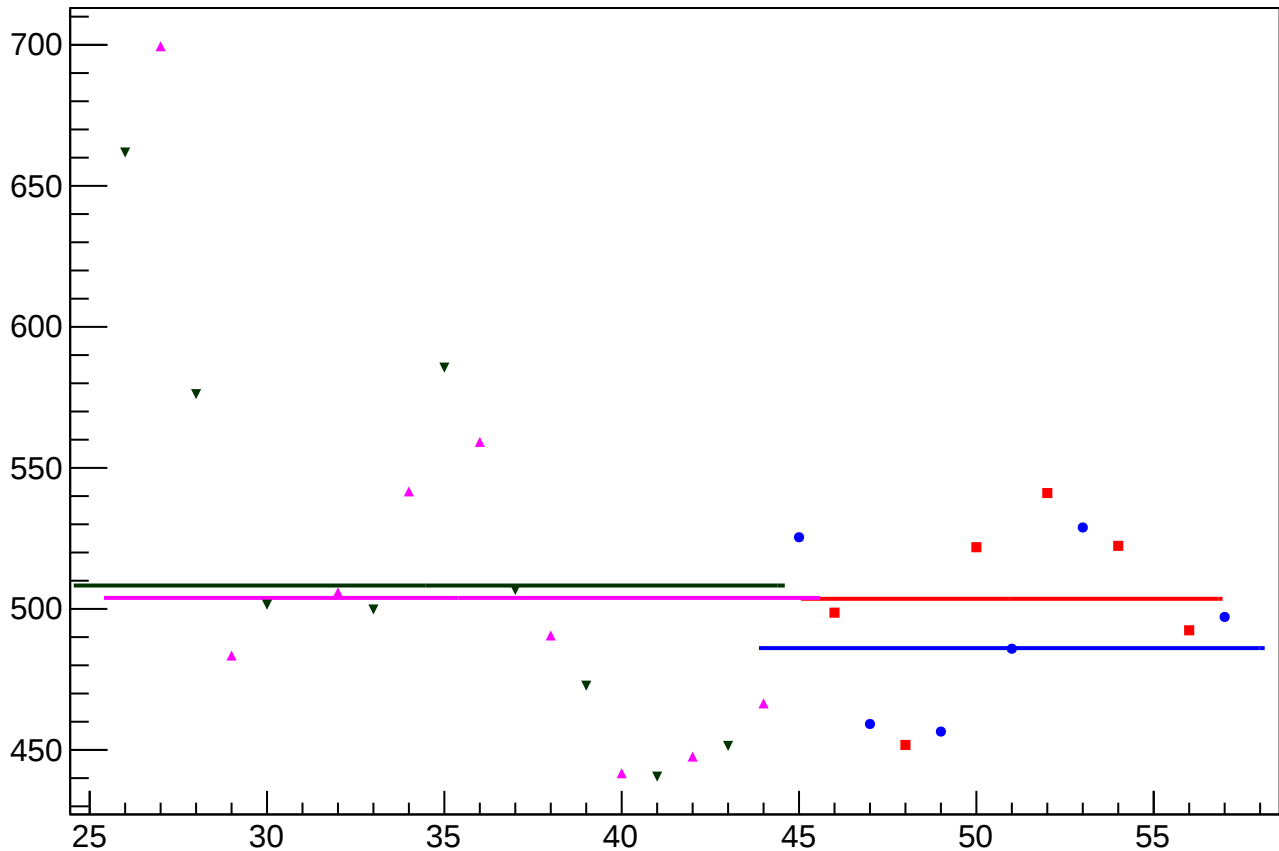
Right Out: -461.445 ± 293.540 χ^2/NDF : 6.9/5

Left In: -346.250 ± 214.497 χ^2/NDF : 5.7/8

404.946 ± 178.592 χ^2/NDF : 10.5/14

-386.348 ± 173.187 χ^2/NDF : 12.7/14

cor_usr_rms vs slug



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Left Out: 508.292 ± 0.165 χ^2/NDF : 139195.8/8

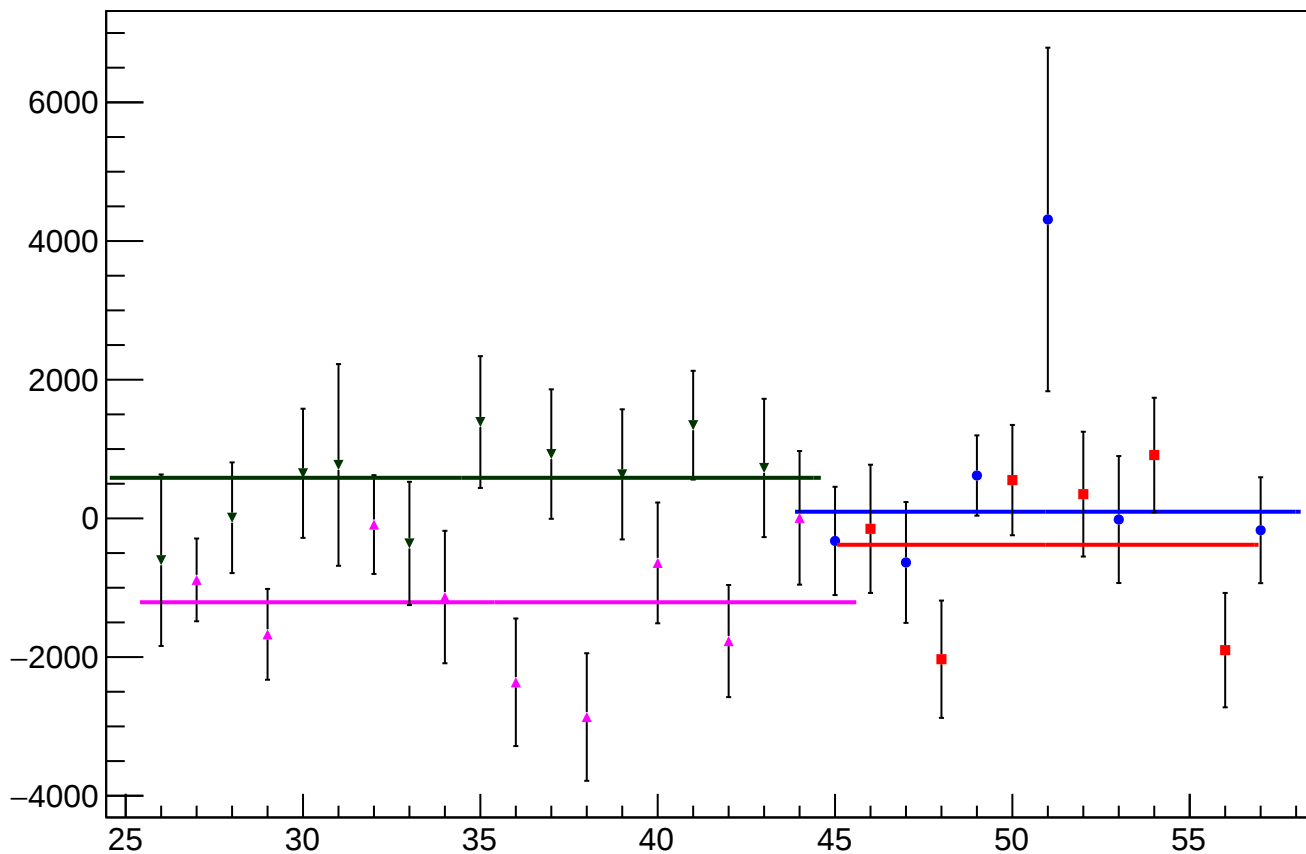
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499.166 ± 0.126 χ^2/NDF : 171391.7/14

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cor_dsl_mean vs slug



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Left Out: 585.397+/-299.644 χ^2/NDF : 4.4/9

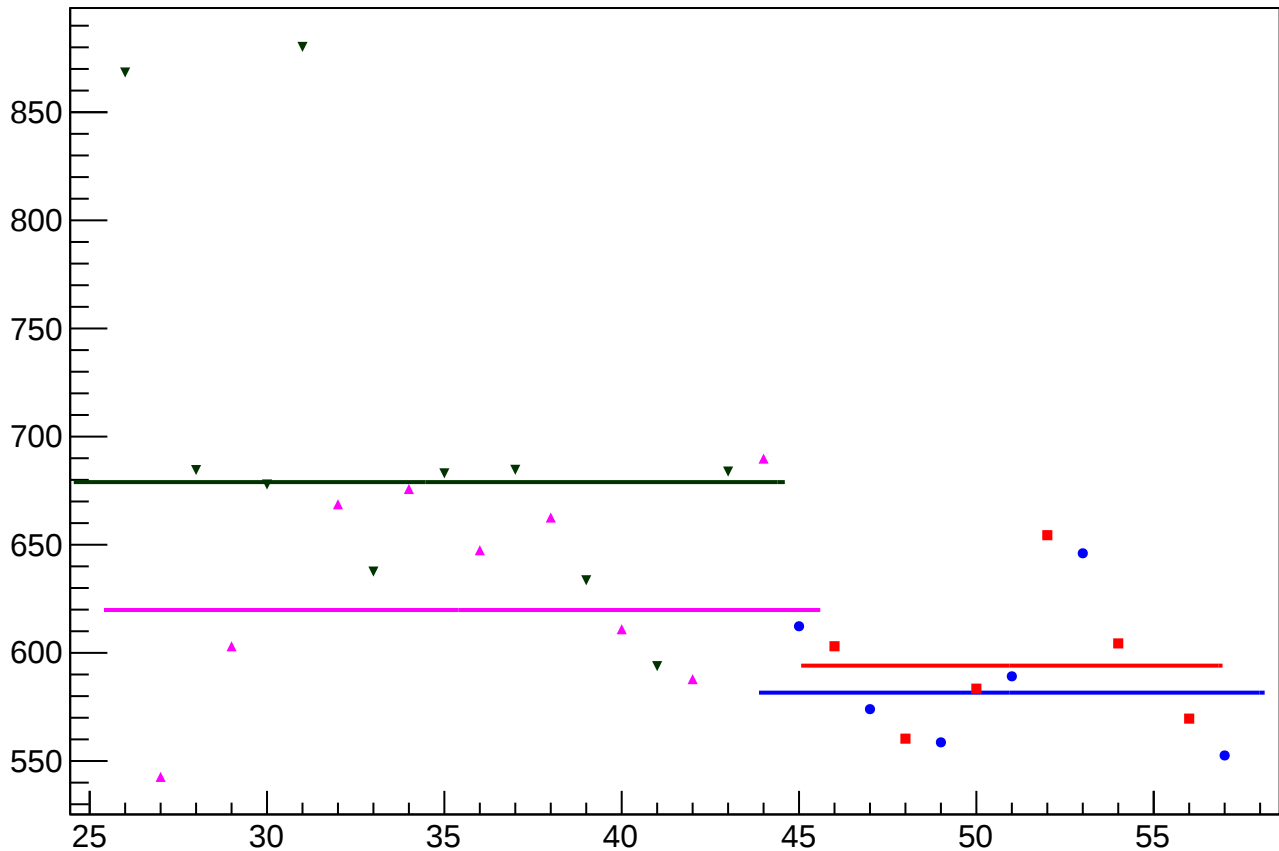
Right Out: -380.333+/-346.743 χ^2/NDF : 11.7/5

Left In: -1209.244+/-262.640 χ^2/NDF : 10.6/8

366.577+/-222.776 χ^2/NDF : 10.4/15

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cor_dsl_rms vs slug



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Left Out: 678.962+/-0.212 χ^2/NDF : 118027.5/9

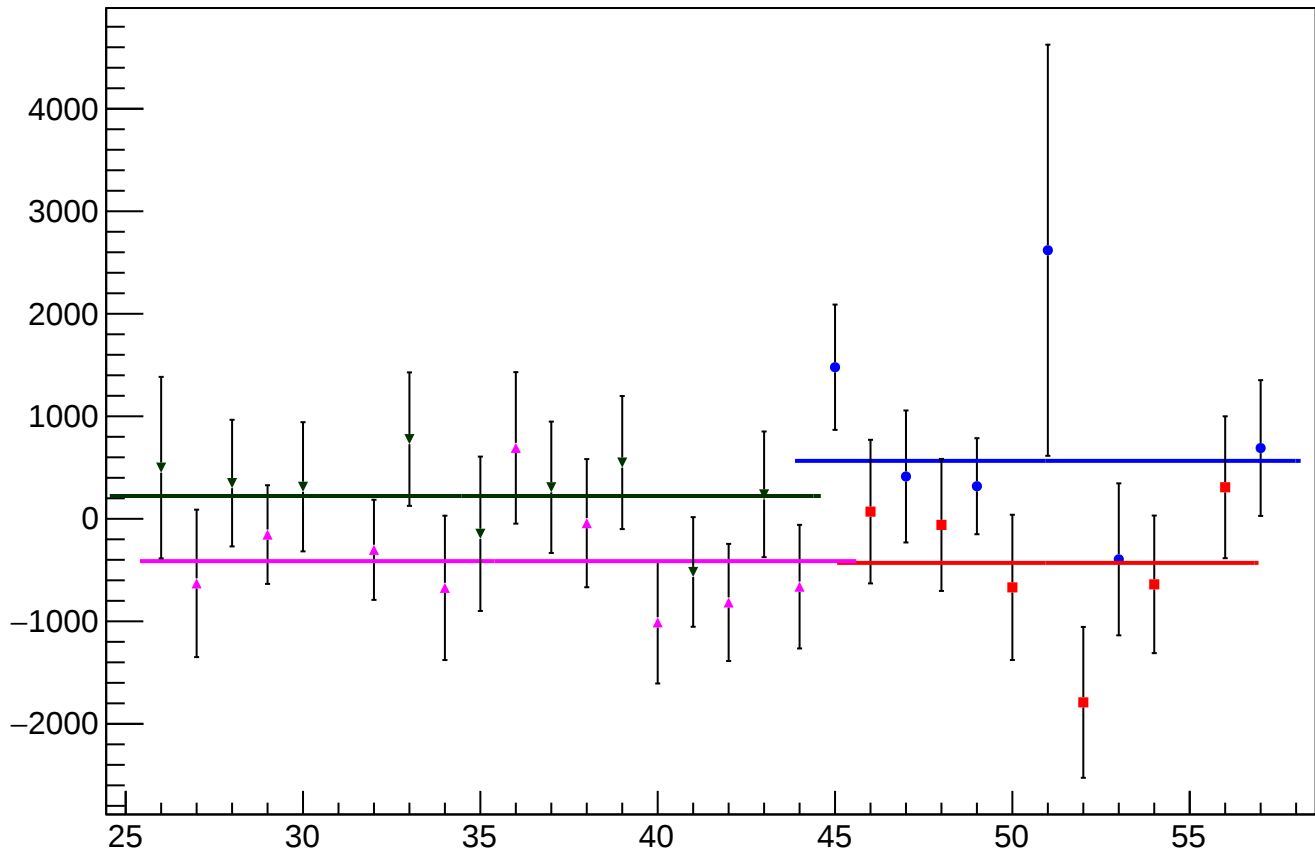
Right Out: 594.098+/-0.245 χ^2/NDF : 14789.8/5

Left In: 619.820+/-0.186 χ^2/NDF : 71061.2/8

635.421+/-0.158 χ^2/NDF : 231662.1/15

610.443+/-0.148 χ^2/NDF : 92844.6/14

cor_dsr_mean vs slug



Right In: 565.350 $\pm$ 267.275 χ^2 /NDF: 5.3/5

Left Out: 222.635 $\pm$ 215.614 χ^2 /NDF: 3.3/8

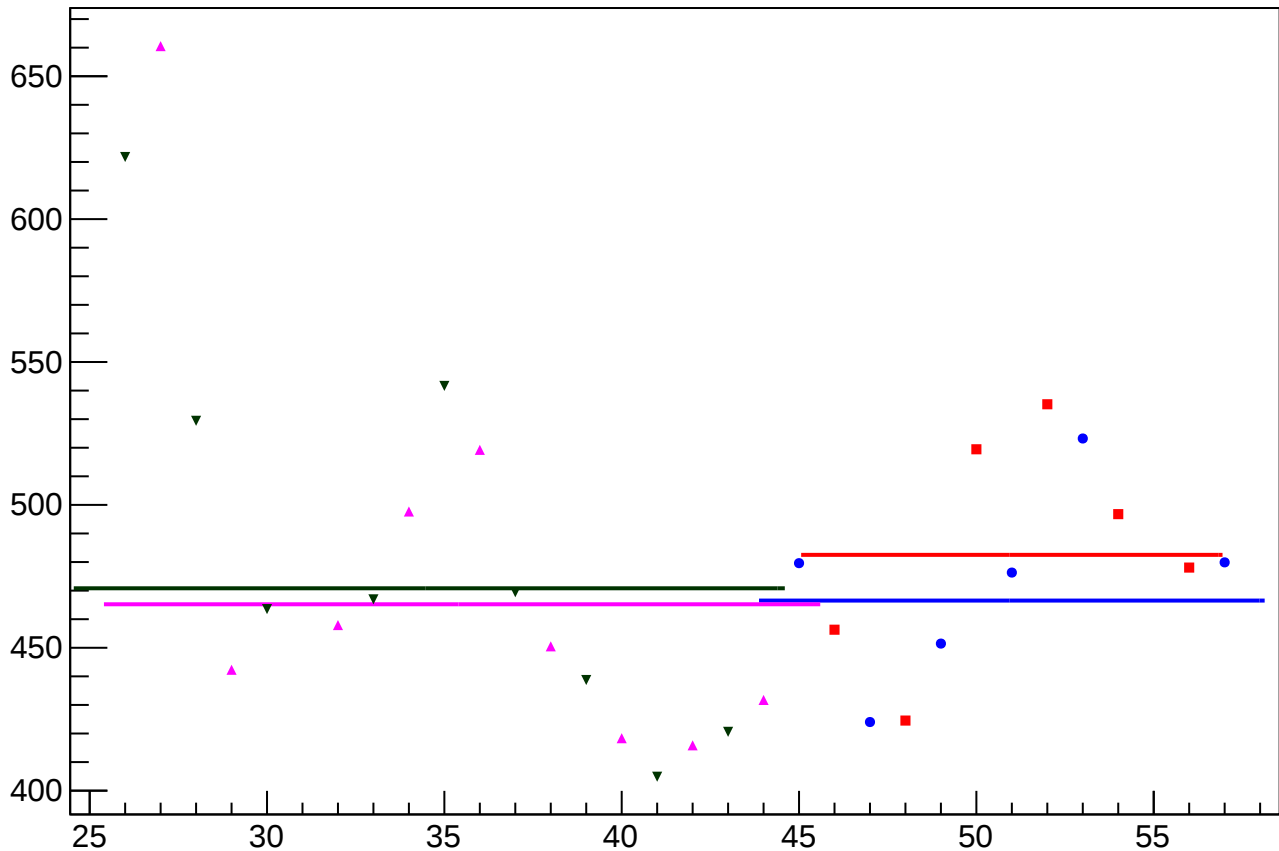
Right Out: -429.862 $\pm$ 281.714 χ^2 /NDF: 5.6/5

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357.743 $\pm$ 167.816 χ^2 /NDF: 9.6/14

-418.244 $\pm$ 162.046 χ^2 /NDF: 10.4/14

cor_dsr_rms vs slug



Right In: 466.519 ± 0.189 χ^2/NDF : 24269.9/5

Left Out: 470.818 ± 0.152 χ^2/NDF : 142935.9/8

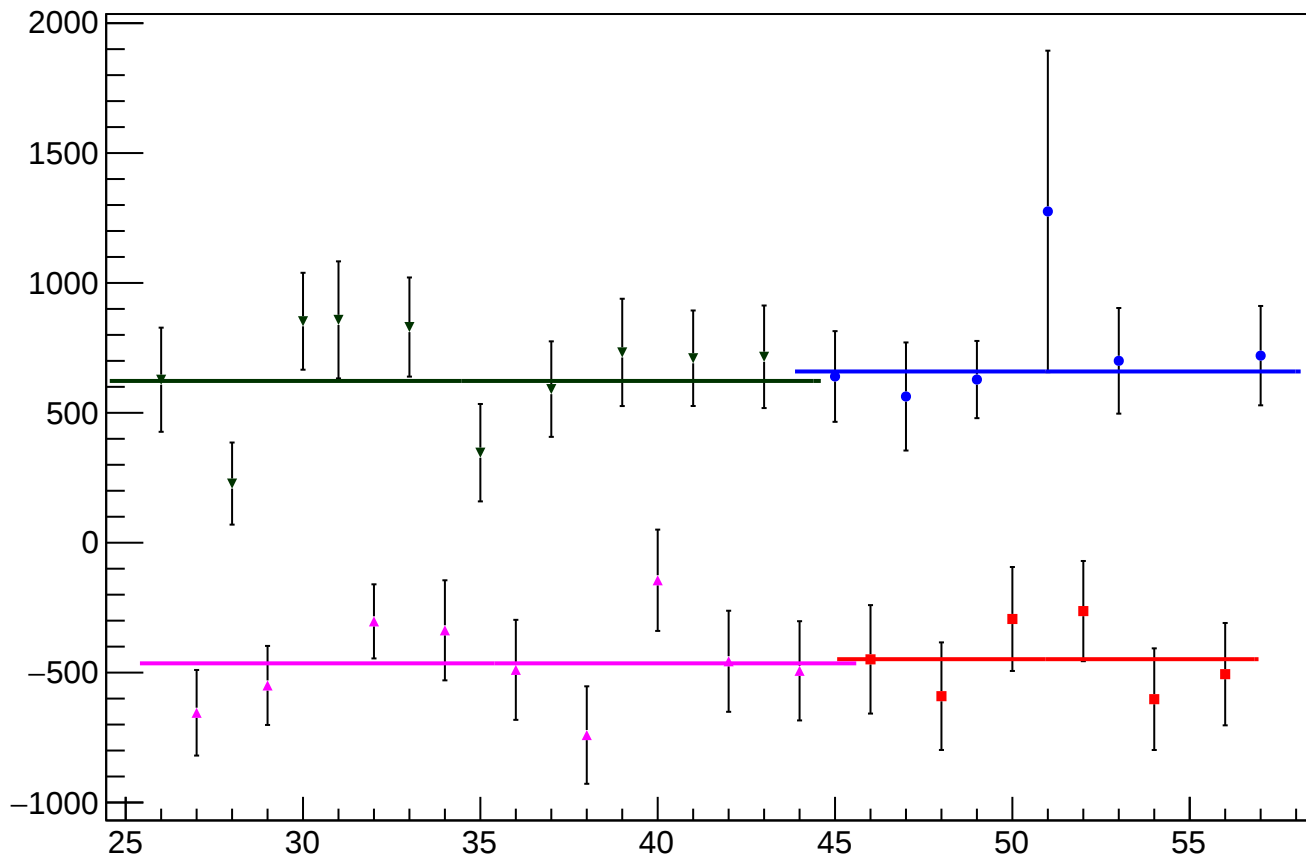
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Left In: 465.223 ± 0.140 χ^2/NDF : 202024.3/8

469.123 ± 0.119 χ^2/NDF : 167519.1/14

470.945 ± 0.115 χ^2/NDF : 242770.3/14

reg_asym_usl_mean vs slug



Right In: 659.208 ± 80.239 $\chi^2/\text{NDF}: 1.4/5$

Left Out: 622.726 ± 60.025 $\chi^2/\text{NDF}: 13.0/9$

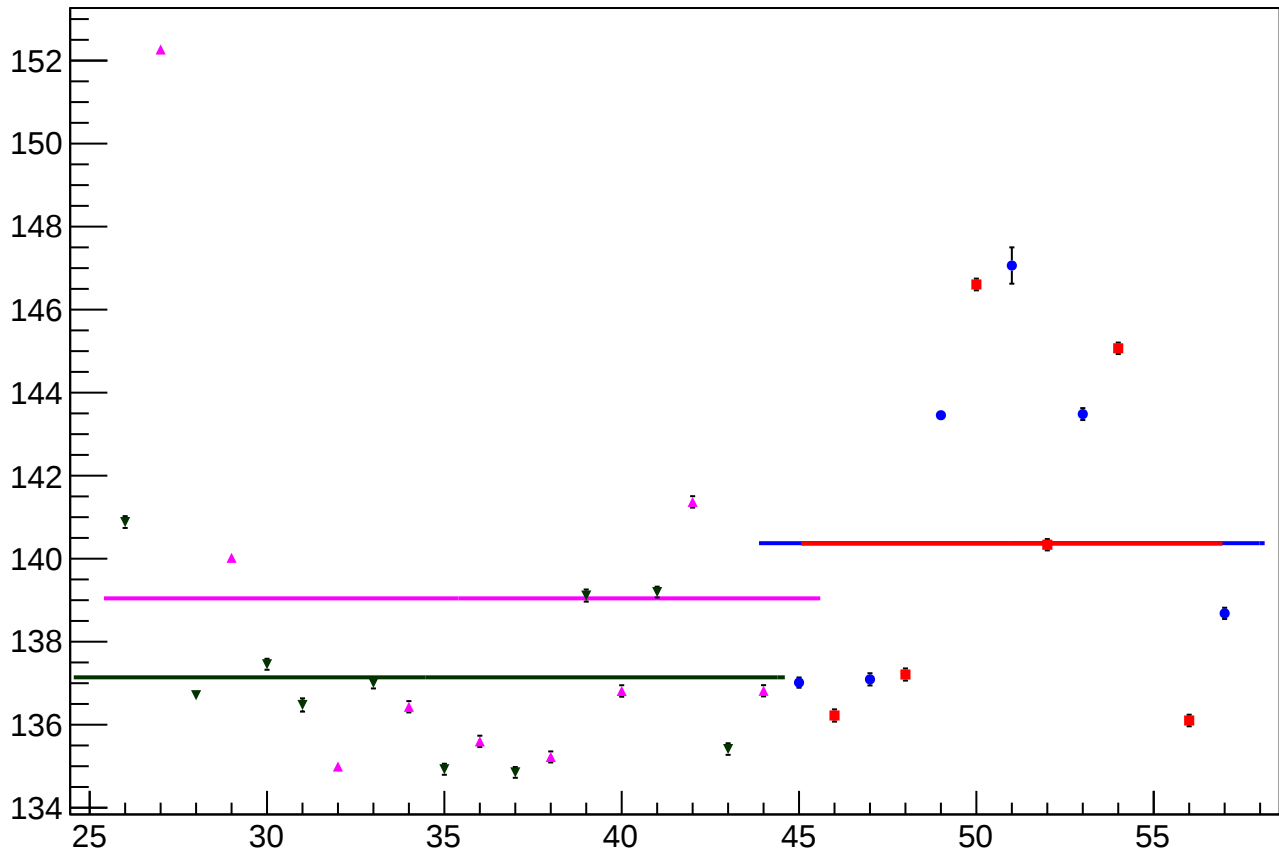
Right Out: -448.332 ± 81.641 $\chi^2/\text{NDF}: 2.7/5$

Left In: -464.347 ± 58.554 $\chi^2/\text{NDF}: 8.3/8$

635.816 ± 48.064 $\chi^2/\text{NDF}: 14.5/15$

-458.907 ± 47.581 $\chi^2/\text{NDF}: 11.0/14$

reg_asym_usl_rms vs slug



Right In: 140.373 ± 0.057 χ^2/NDF : 2955.5/5

Left Out: 137.141 ± 0.042 χ^2/NDF : 1909.5/9

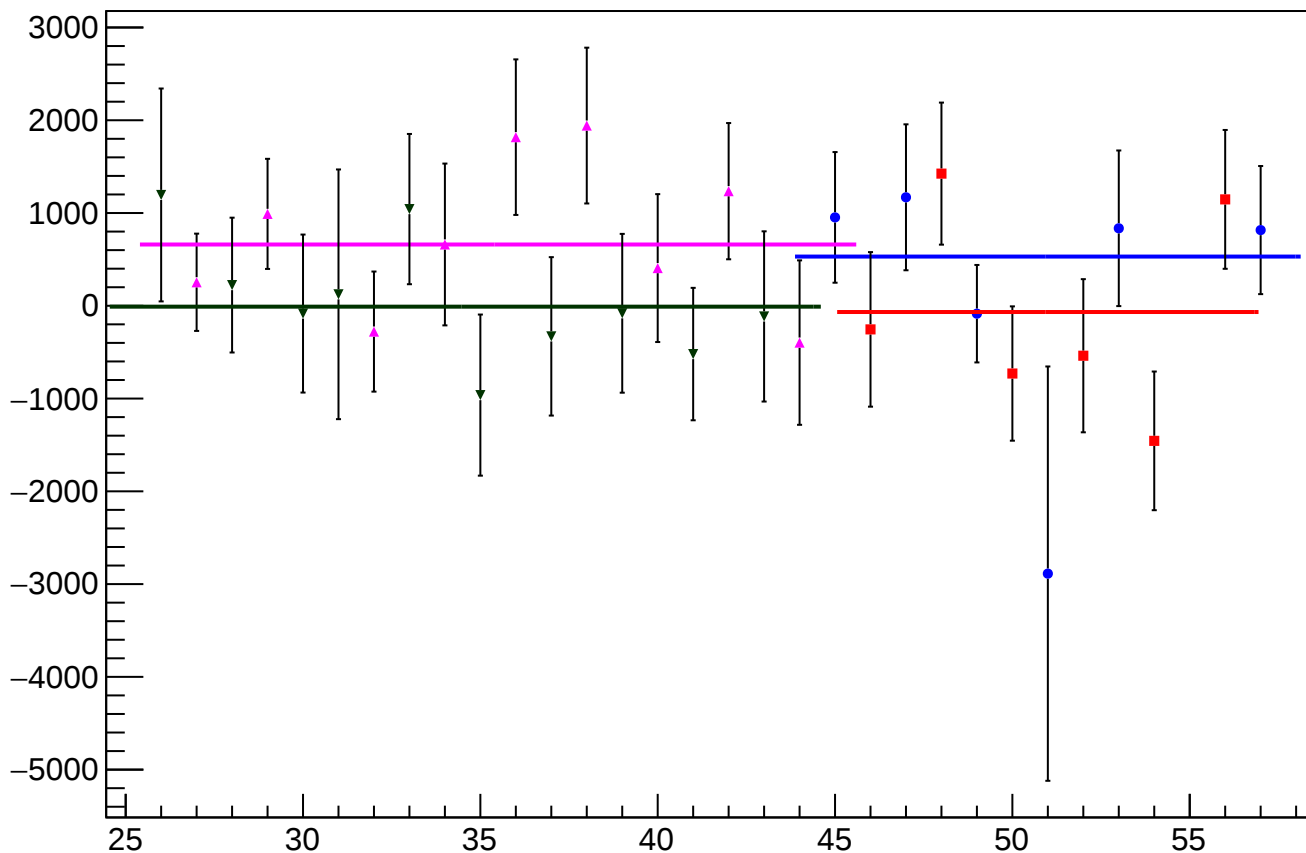
Right Out: 140.362 ± 0.058 χ^2/NDF : 5290.9/5

Left In: 139.044 ± 0.041 χ^2/NDF : 17232.5/8

138.301 ± 0.034 χ^2/NDF : 6945.7/15

139.492 ± 0.034 χ^2/NDF : 22867.4/14

asym_usl_correction_mean vs slug



Right In: 530.598 ± 301.832 χ^2/NDF : 5.0/5

Left Out: -9.377 ± 273.969 χ^2/NDF : 4.8/9

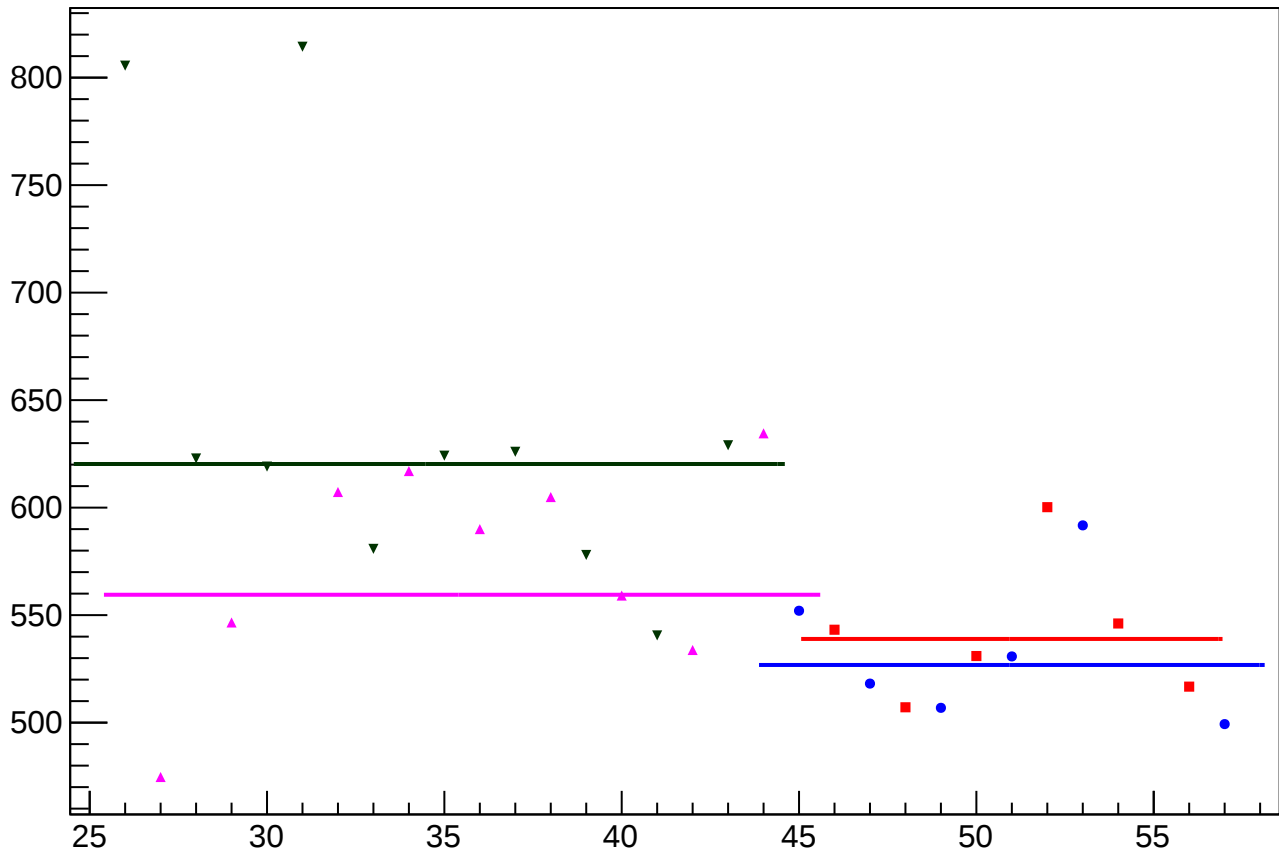
Right Out: -67.073 ± 314.688 χ^2/NDF : 11.1/5

Left In: 660.643 ± 237.559 χ^2/NDF : 9.4/8

234.542 ± 202.862 χ^2/NDF : 11.6/15

396.477 ± 189.600 χ^2/NDF : 23.9/14

asym_usl_correction_rms vs slug



Right In: 526.820 ± 0.213 χ^2/NDF : 20856.1/5

Left Out: 620.292 ± 0.194 χ^2/NDF : 128669.8/9

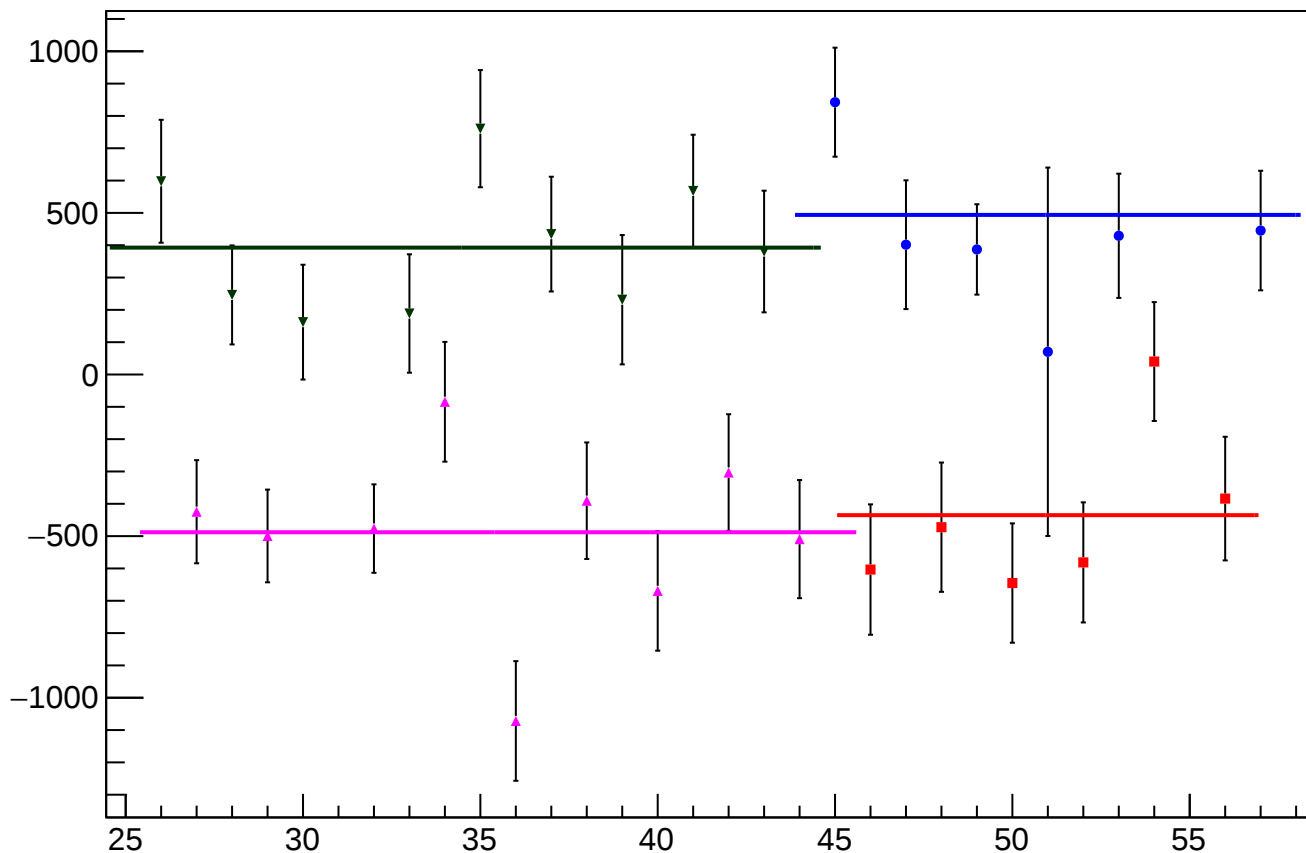
Right Out: 538.922 ± 0.223 χ^2/NDF : 16708.4/5

Left In: 559.478 ± 0.168 χ^2/NDF : 98135.2/8

578.069 ± 0.143 χ^2/NDF : 254688.7/15

552.016 ± 0.134 χ^2/NDF : 120279.6/14

reg_asym_usr_mean vs slug



Right In: 493.814 $\pm$ 76.496 χ^2 /NDF: 5.8/5

Left Out: 392.566 $\pm$ 59.735 χ^2 /NDF:10.8/8

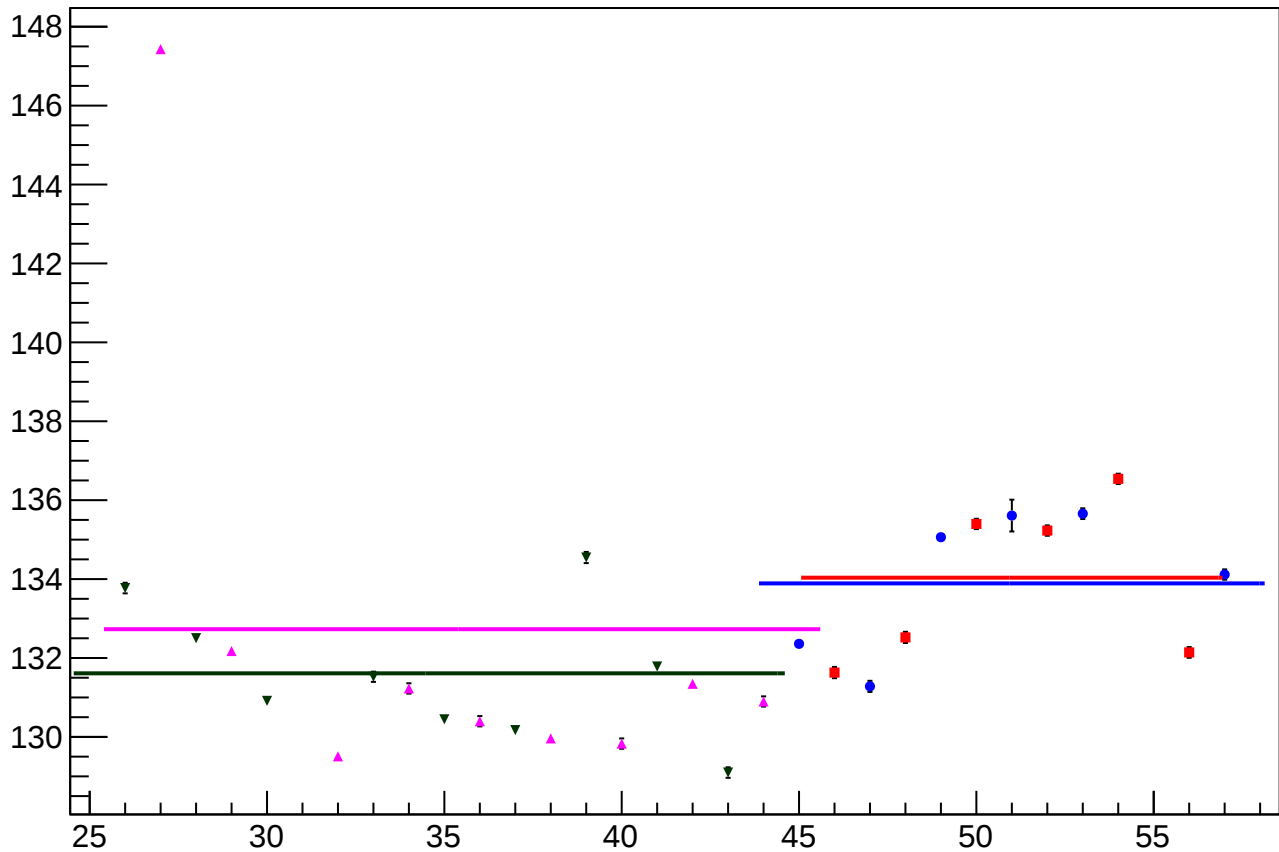
Right Out: -435.158 $\pm$ 77.895 χ^2 /NDF: 9.4/5

Left In: -487.989 $\pm$ 55.878 χ^2 /NDF:17.2/8

430.919 $\pm$ 47.081 χ^2 /NDF: 17.7/14

-470.039 $\pm$ 45.404 χ^2 /NDF: 26.9/14

reg_asym_usr_rms vs slug



Right In: 133.891 ± 0.054 χ^2/NDF : 838.9/5

Left Out: 131.612 ± 0.042 χ^2/NDF : 1361.4/8

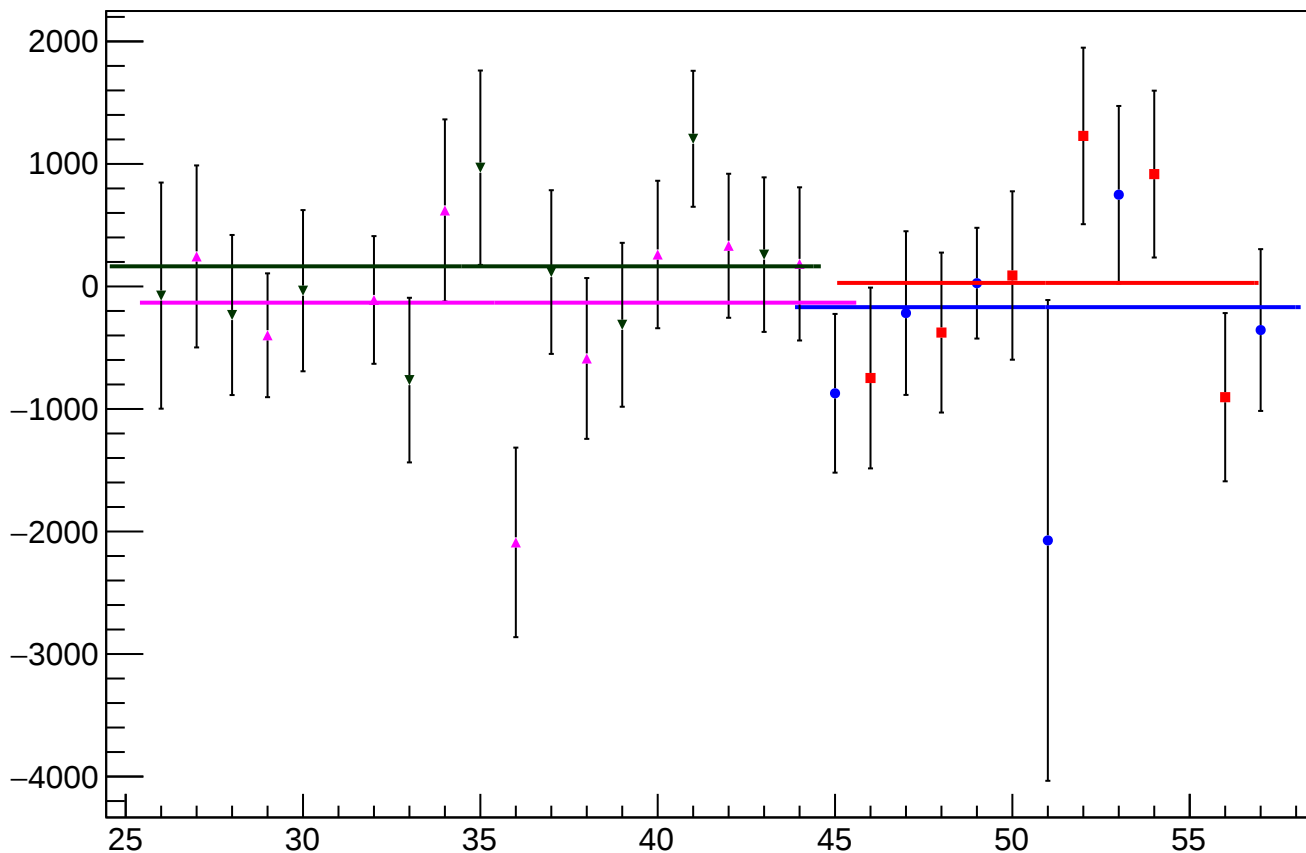
Right Out: 134.036 ± 0.055 χ^2/NDF : 1157.8/5

Left In: 132.730 ± 0.040 χ^2/NDF : 19860.4/8

132.475 ± 0.033 χ^2/NDF : 3303.3/14

133.174 ± 0.032 χ^2/NDF : 21389.1/14

asym_usr_correction_mean vs slug



Right In: -168.924+/-267.459 χ^2 /NDF: 4.0/5

Left Out: 164.304+/-224.343 χ^2 /NDF: 7.5/8

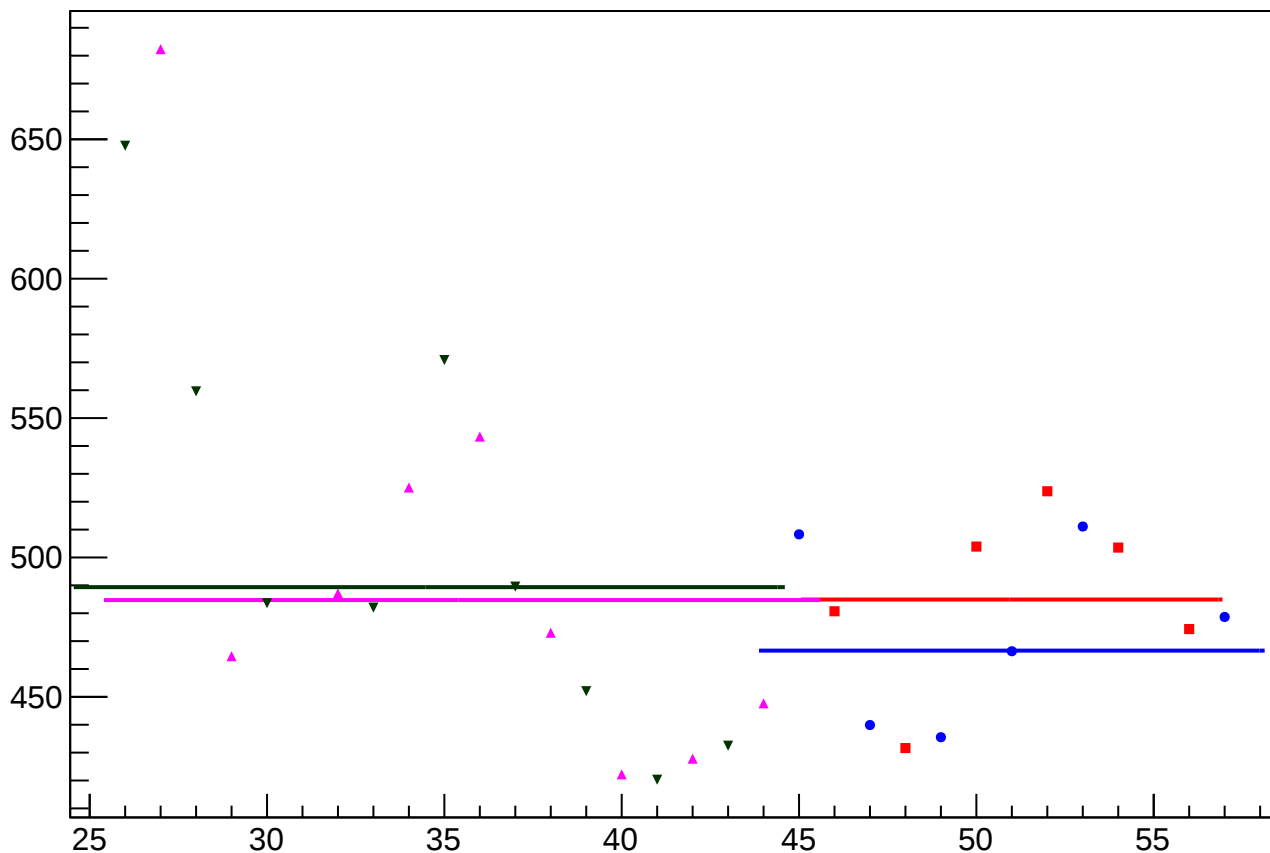
Right Out: 28.959+/-282.782 χ^2 /NDF: 7.8/5

Left In: -132.313+/-206.592 χ^2 /NDF: 9.7/8

26.680+/-171.883 χ^2 /NDF: 12.4/14

-76.191+/-166.816 χ^2 /NDF: 17.8/14

asym_usr_correction_rms vs slug



Right In: 466.593+/-0.189 χ^2/NDF : 29157.7/5

Left Out: 489.361+/-0.159 χ^2/NDF :156953.9/8

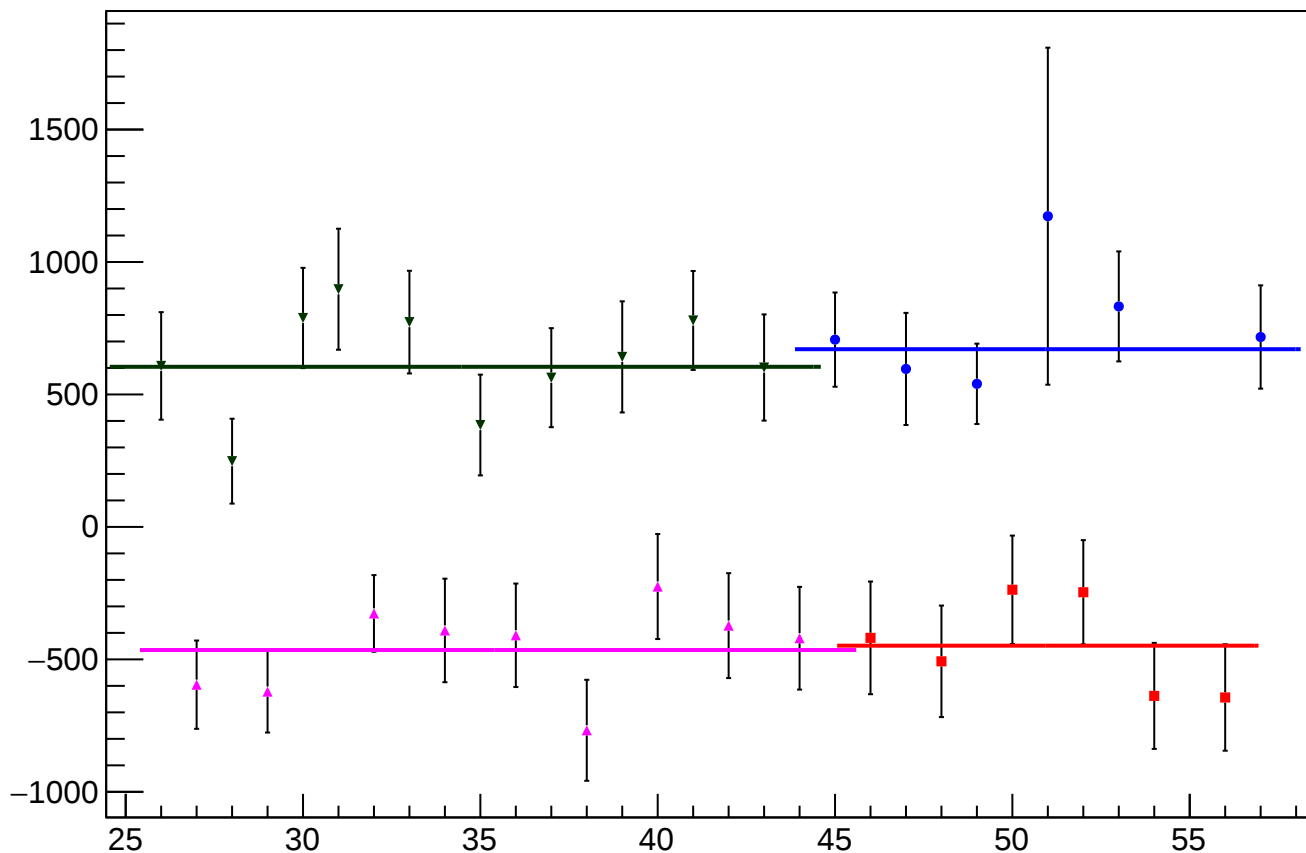
Right Out: 484.918+/-0.200 χ^2/NDF : 22702.9/5

Left In: 484.733+/-0.146 χ^2/NDF :210159.4/8

479.958+/-0.122 χ^2/NDF : 194619.4/14

484.797+/-0.118 χ^2/NDF : 232862.8/14

reg_asym_dsl_mean vs slug



Right In: 670.826+/-81.820 χ^2/NDF : 2.2/5

Left Out: 604.421+/-60.916 χ^2/NDF : 10.6/9

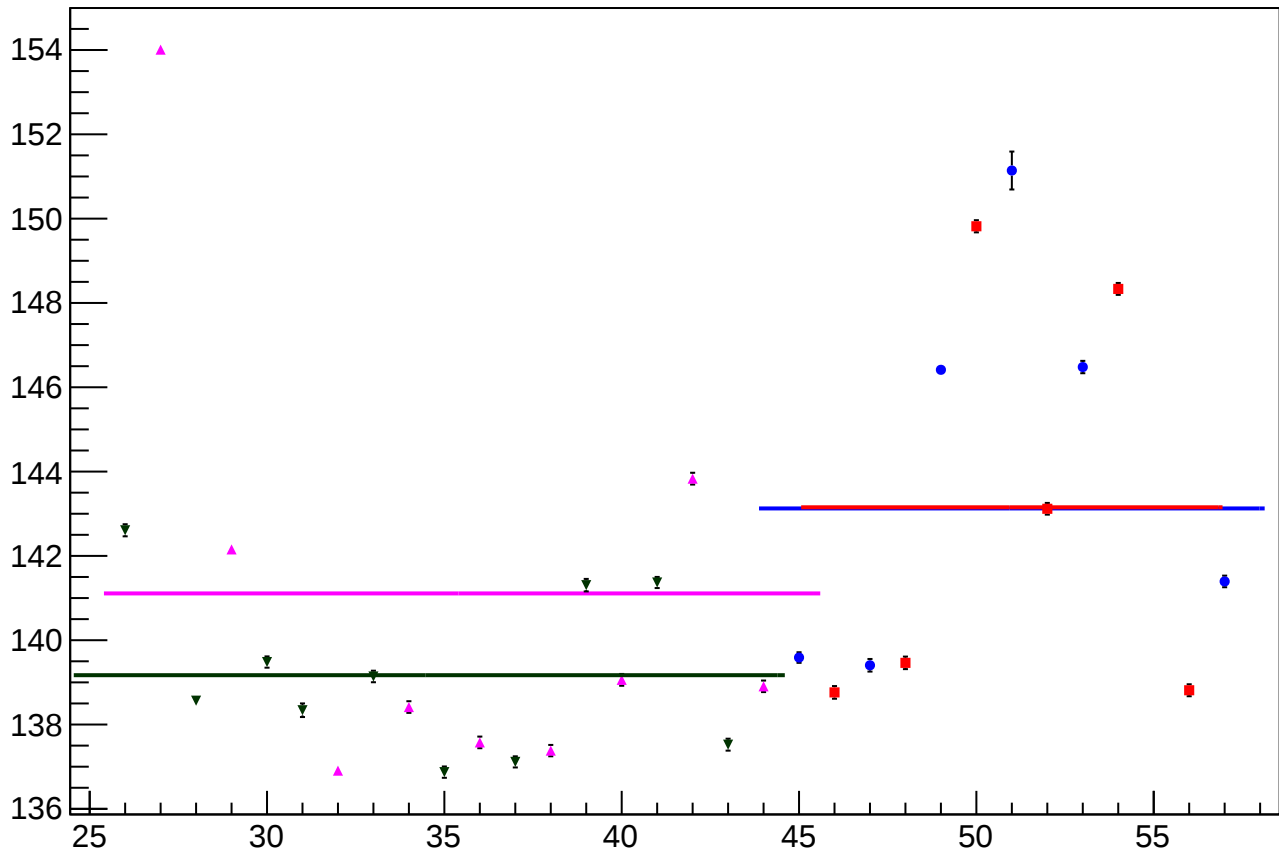
Right Out: -448.280+/-83.276 χ^2/NDF : 4.1/5

Left In: -464.676+/-59.428 χ^2/NDF : 7.0/8

628.103+/-48.861 χ^2/NDF : 13.2/15

-459.144+/-48.374 χ^2/NDF : 11.1/14

reg_asym_dsl_rms vs slug



Right In: 143.126+/-0.058 χ^2/NDF : 3346.1/5

Left Out: 139.170+/-0.043 χ^2/NDF :1788.1/9

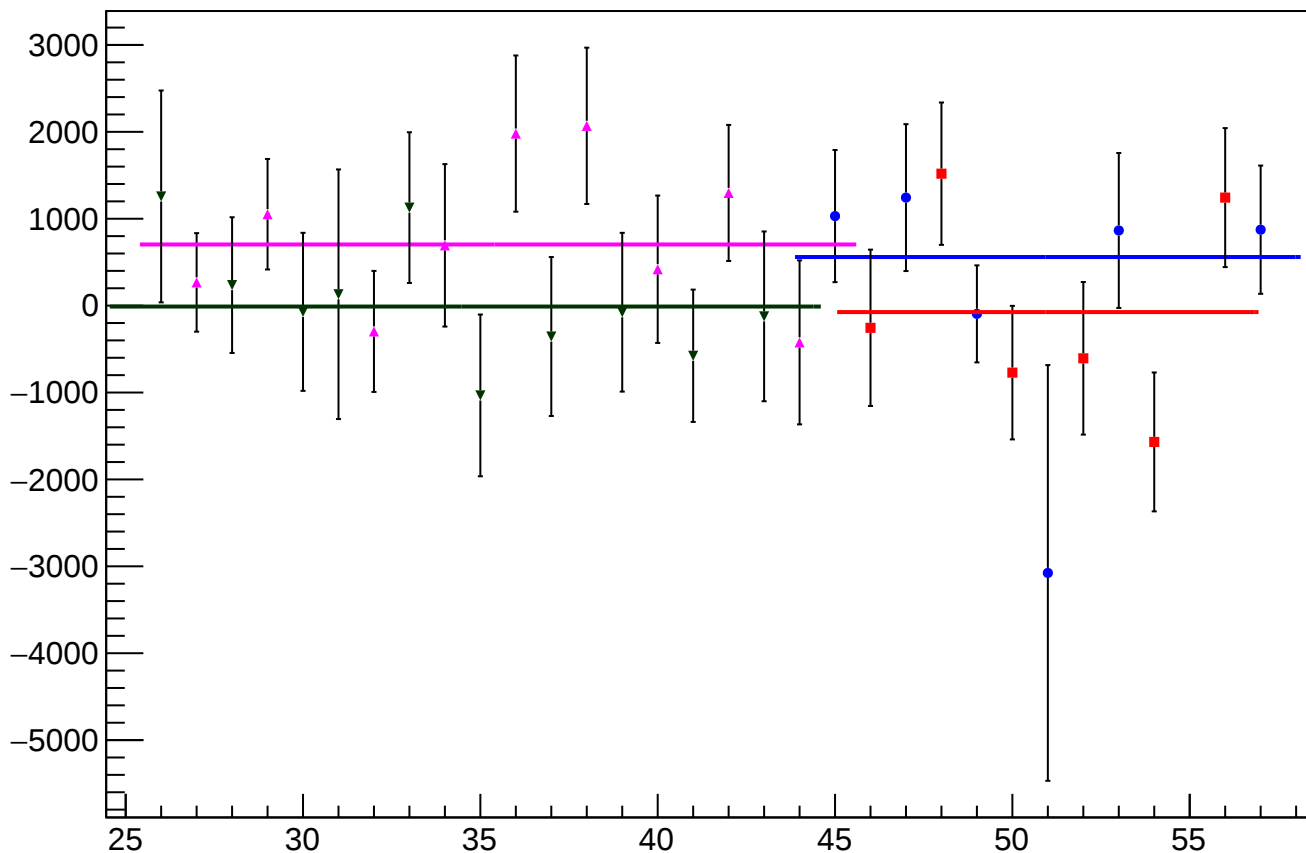
140.581+/-0.035 χ^2/NDF : 8141.1/15

Right Out: 143.153+/-0.059 χ^2/NDF : 5866.0/5

141.799+/-0.034 χ^2/NDF : 23072.6/14

Left In: 141.110+/-0.042 χ^2/NDF :16409.1/8

asym_dsl_correction_mean vs slug



Right In: 559.422+/-322.615 χ^2/NDF : 5.0/5

Left Out: -10.463+/-292.895 χ^2/NDF : 4.8/9

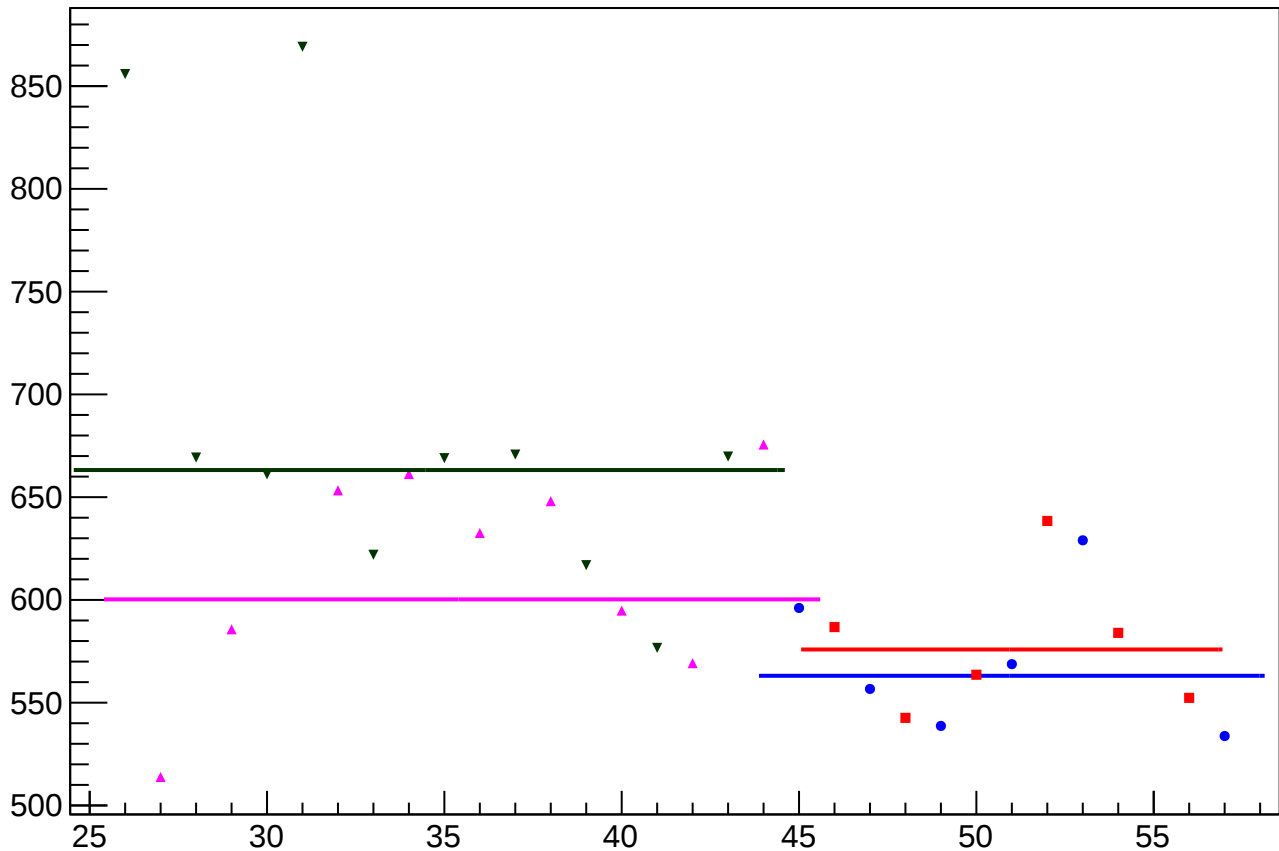
Right Out: -74.264+/-336.248 χ^2/NDF : 11.2/5

Left In: 703.901+/-254.767 χ^2/NDF : 9.4/8

247.027+/-216.856 χ^2/NDF : 11.6/15

420.101+/-203.063 χ^2/NDF : 24.0/14

asym_dsl_correction_rms vs slug



Right In: 563.088 ± 0.228 χ^2/NDF : 21801.6/5

Left Out: 663.196 ± 0.207 χ^2/NDF : 126991.2/9

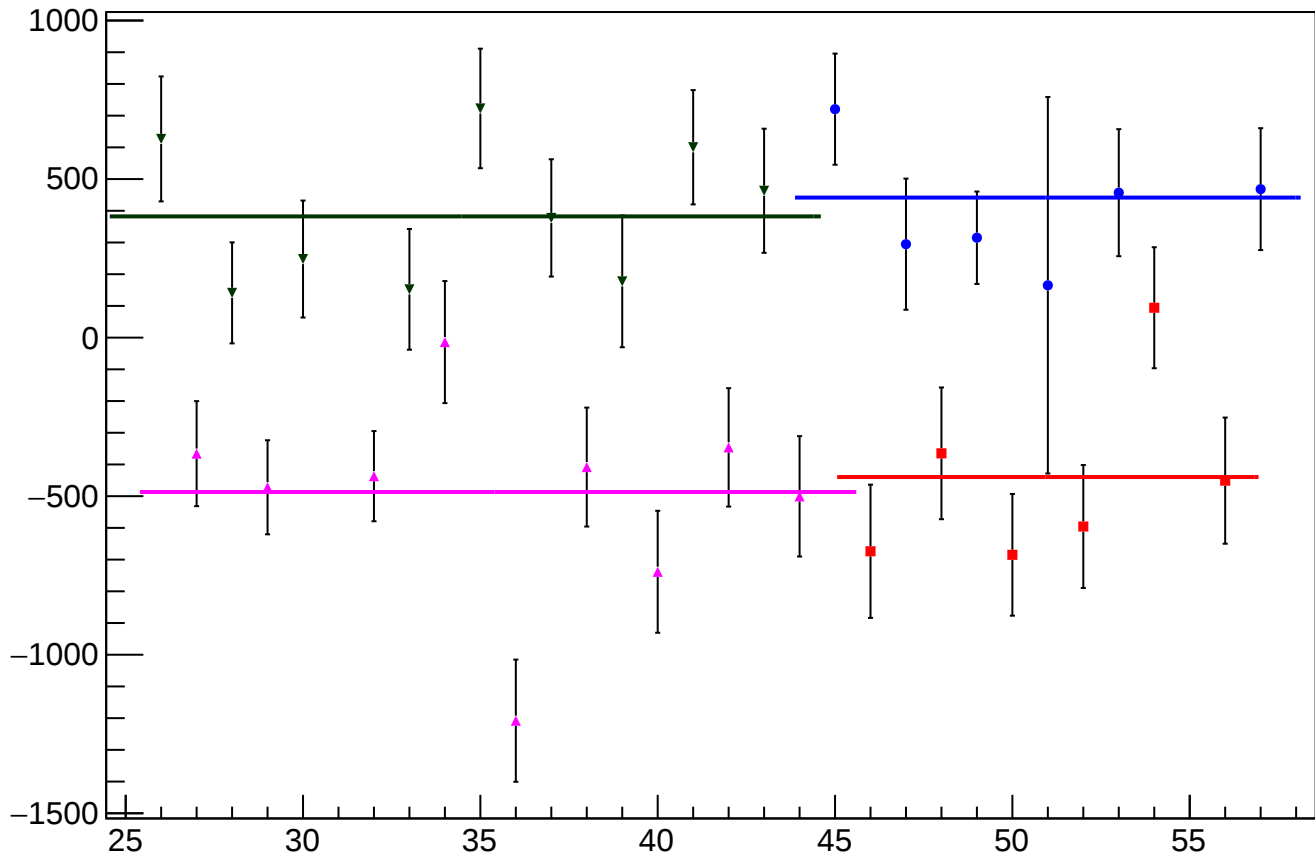
Right Out: 575.891 ± 0.238 χ^2/NDF : 16181.7/5

Left In: 600.267 ± 0.180 χ^2/NDF : 91809.8/8

617.965 ± 0.153 χ^2/NDF : 254356.9/15

591.377 ± 0.144 χ^2/NDF : 114668.9/14

reg_asym_dsr_mean vs slug



Right In: 441.648 $\pm$ 79.582 χ^2 /NDF: 4.0/5

Left Out: 382.318 $\pm$ 62.068 χ^2 /NDF:11.7/8

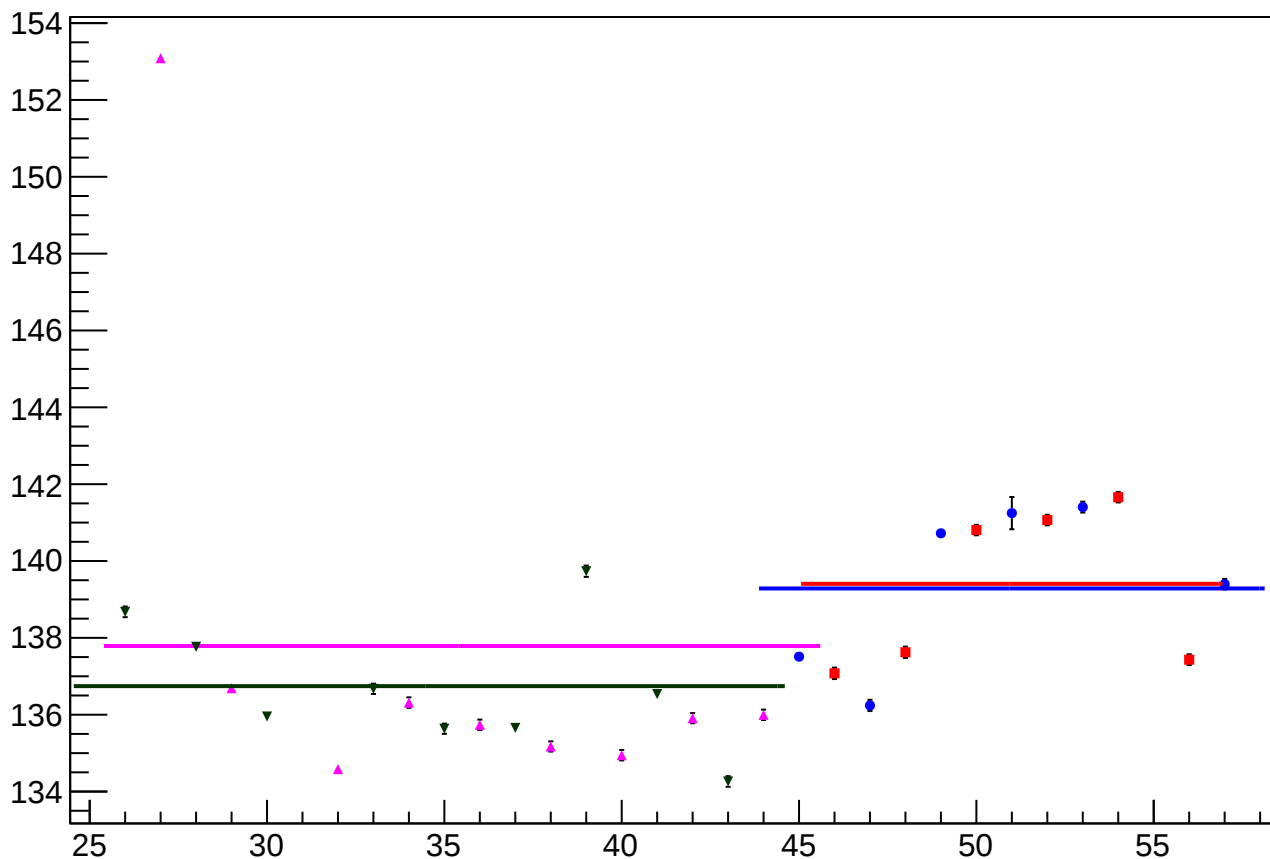
Right Out: -439.615 $\pm$ 81.017 χ^2 /NDF: 11.5/5

Left In: -486.864 $\pm$ 58.008 χ^2 /NDF:23.2/8

404.757 $\pm$ 48.943 χ^2 /NDF: 16.1/14

-470.851 $\pm$ 47.165 χ^2 /NDF: 34.9/14

reg_asym_dsr_rms vs slug



Right In: 139.286+/-0.056 χ^2/NDF : 1079.2/5

Left Out: 136.744+/-0.044 χ^2/NDF :1188.8/8

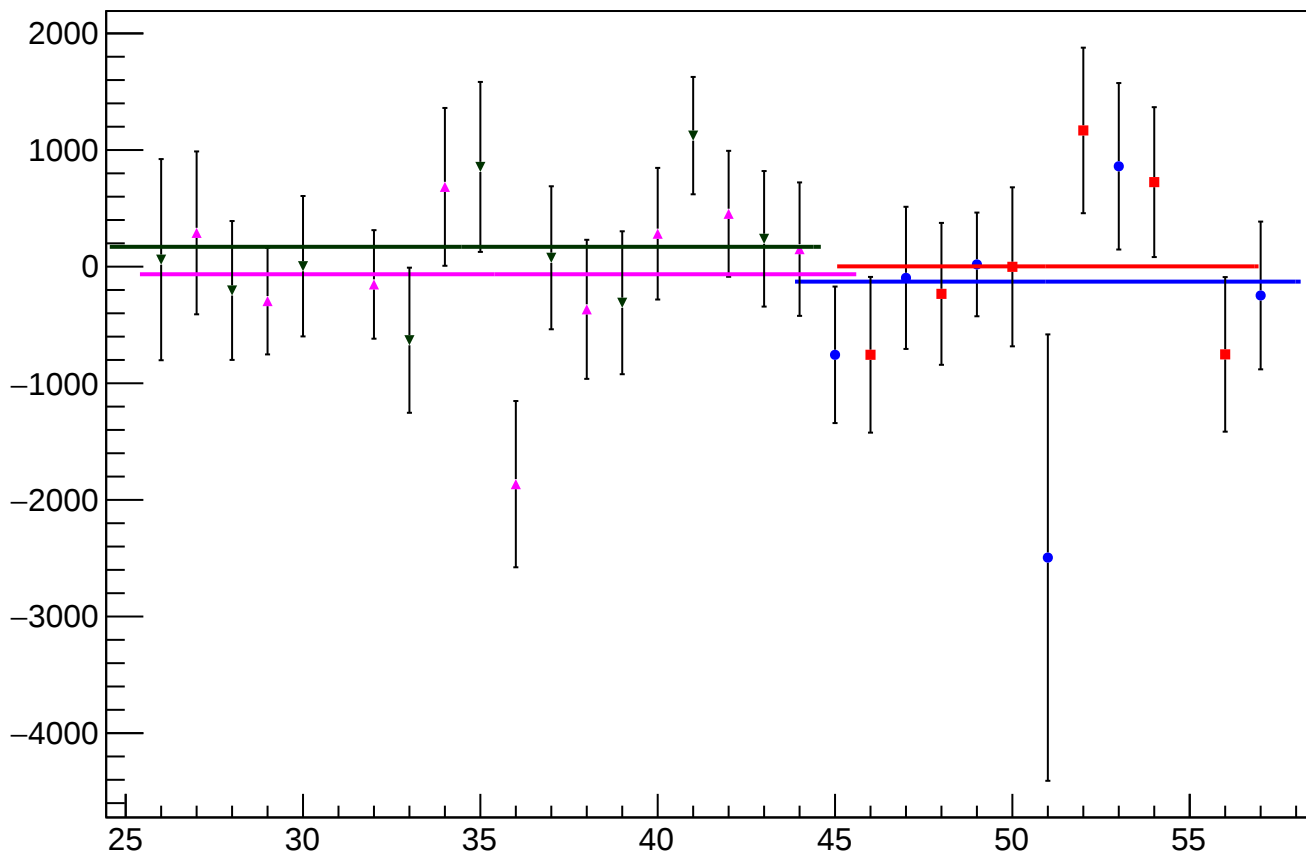
Right Out: 139.407+/-0.057 χ^2/NDF : 1122.1/5

Left In: 137.788+/-0.041 χ^2/NDF :19747.4/8

137.705+/-0.035 χ^2/NDF : 3536.6/14

138.337+/-0.033 χ^2/NDF : 21397.6/14

asym_dsr_correction_mean vs slug



Right In: -128.386+/-254.828 χ^2/NDF : 4.7/5

Left Out: 170.118+/-205.740 χ^2/NDF : 7.3/8

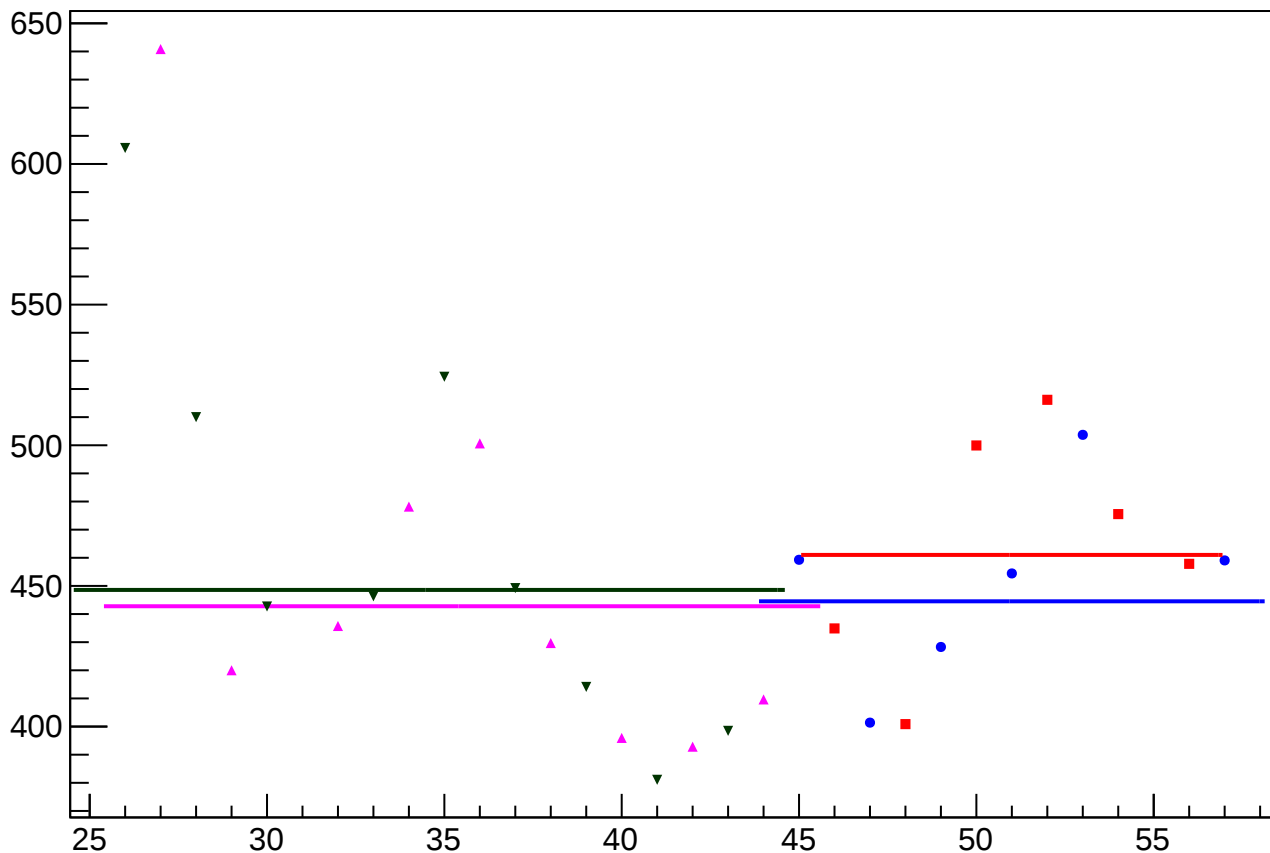
Right Out: 2.397+/-269.394 χ^2/NDF : 6.7/5

Left In: -65.142+/-188.837 χ^2/NDF : 9.8/8

52.324+/-160.079 χ^2/NDF : 12.8/14

-42.890+/-154.631 χ^2/NDF : 16.6/14

asym_dsr_correction_rms vs slug



Right In: 444.528+/-0.180 χ^2/NDF : 28811.4/5

Left Out: 448.574+/-0.145 χ^2/NDF :166684.5/8

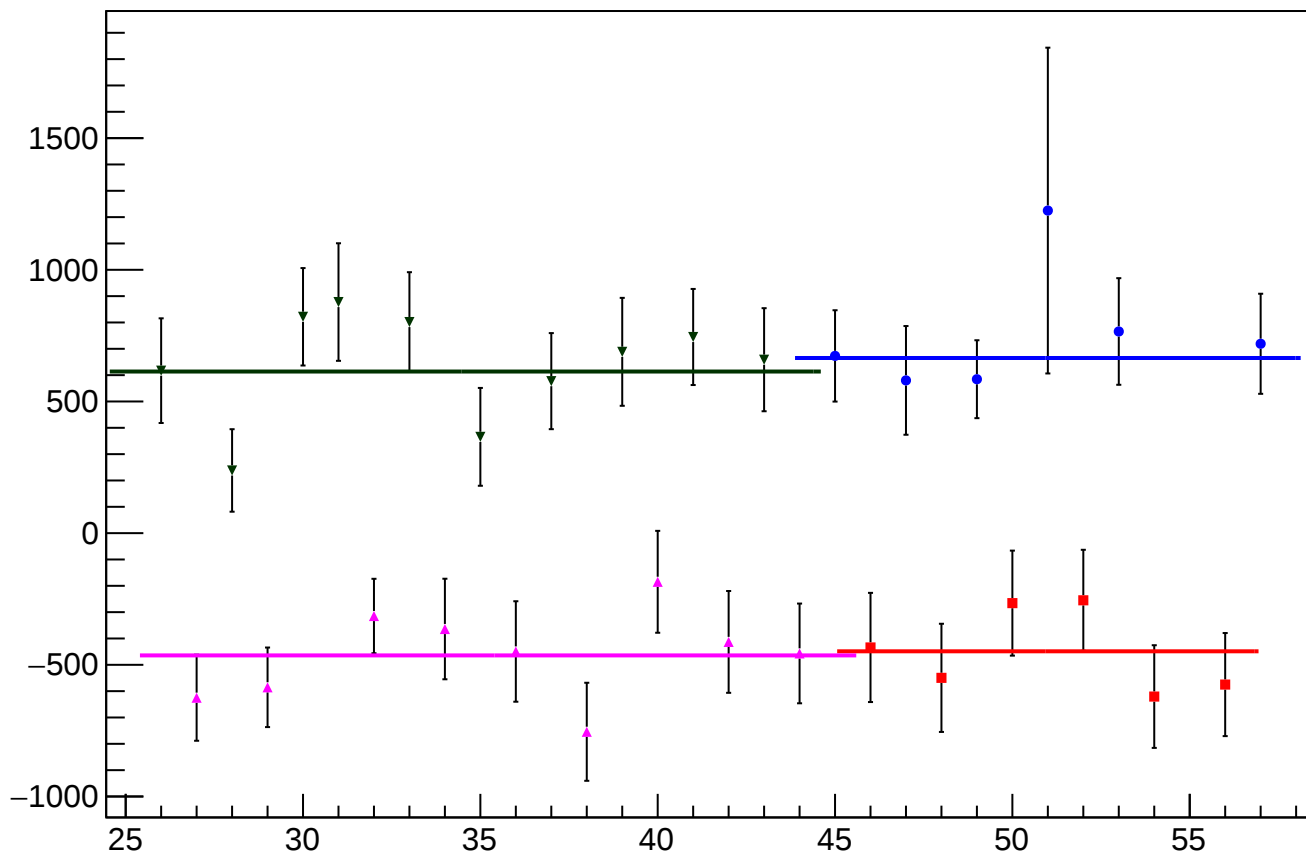
Right Out: 461.020+/-0.190 χ^2/NDF : 42261.3/5

Left In: 442.773+/-0.134 χ^2/NDF :223505.8/8

446.977+/-0.113 χ^2/NDF : 195801.1/14

448.785+/-0.109 χ^2/NDF : 271919.7/14

reg_asym_left_avg_mean vs slug



Right In: 665.116 ± 79.774 $\chi^2/\text{NDF}: 1.6/5$

Left Out: 613.726 ± 59.519 $\chi^2/\text{NDF}: 11.9/9$

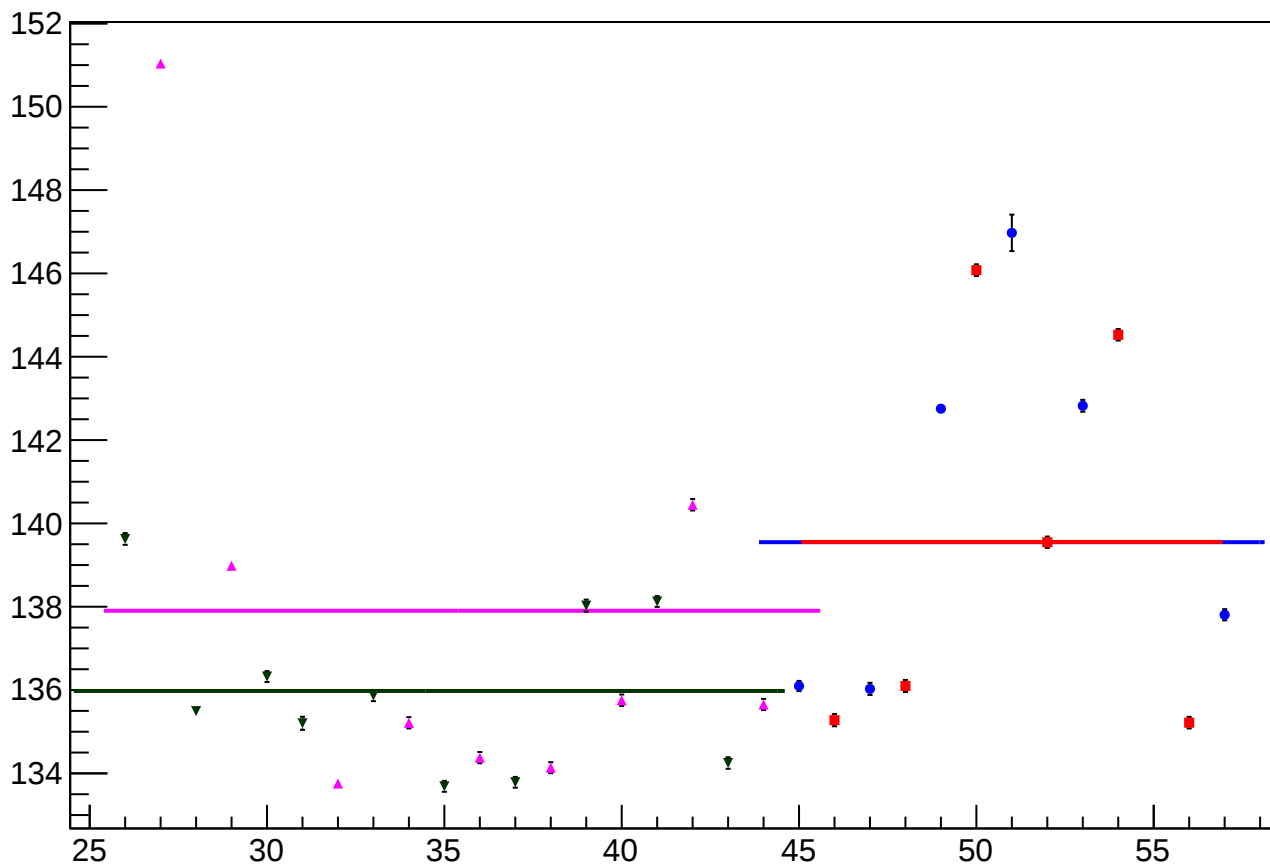
Right Out: -448.684 ± 81.182 $\chi^2/\text{NDF}: 3.3/5$

Left In: -464.245 ± 58.079 $\chi^2/\text{NDF}: 7.6/8$

632.103 ± 47.705 $\chi^2/\text{NDF}: 13.8/15$

-458.977 ± 47.236 $\chi^2/\text{NDF}: 10.9/14$

reg_asym_left_avg_rms vs slug



Right In: 139.549+/-0.056 χ^2/NDF : 3292.2/5

Left Out: 135.978+/-0.042 χ^2/NDF :1950.2/9

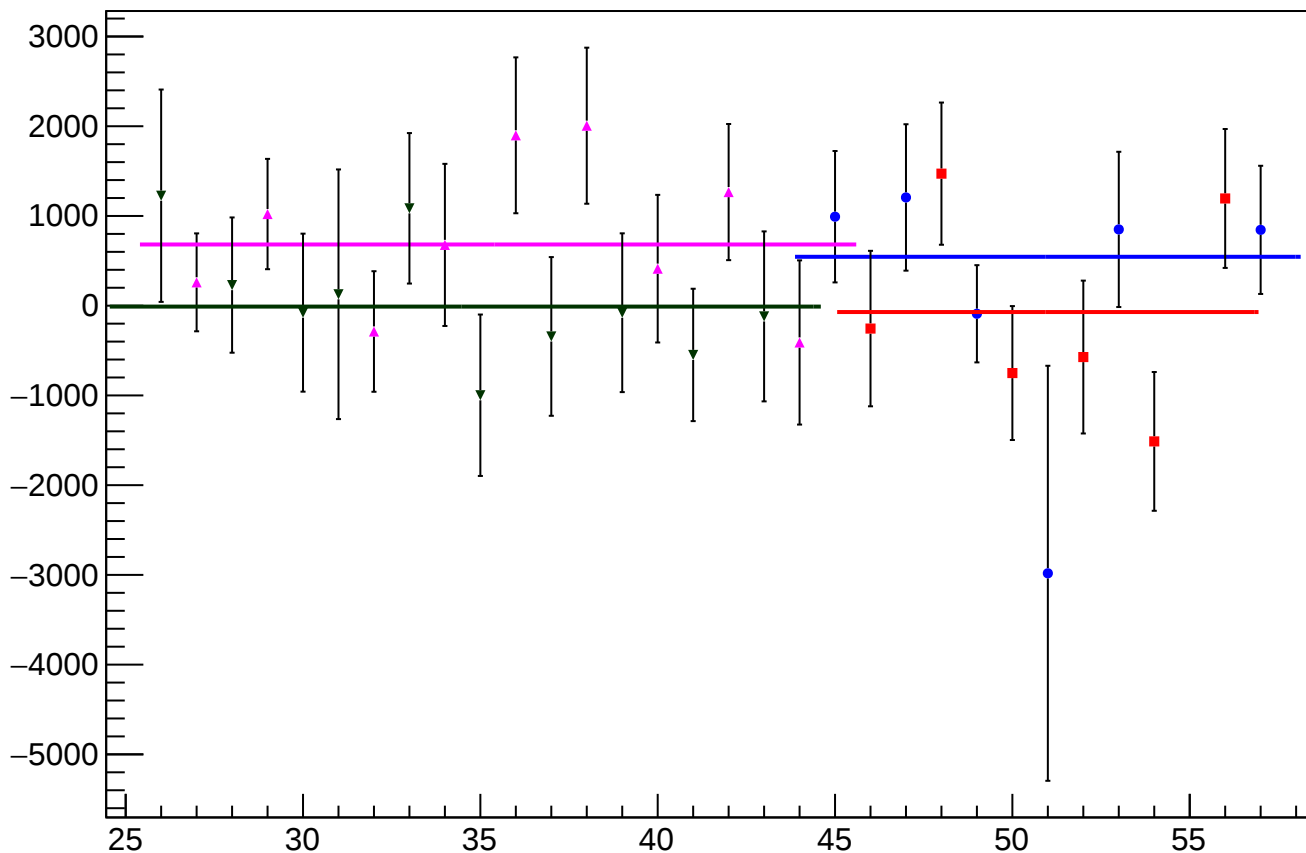
Right Out: 139.555+/-0.057 χ^2/NDF : 5841.6/5

Left In: 137.903+/-0.041 χ^2/NDF :17511.1/8

137.255+/-0.034 χ^2/NDF : 7816.5/15

138.462+/-0.033 χ^2/NDF : 23900.4/14

asym_left_avg_correction_mean vs slug



Right In: 545.029+/-312.213 χ^2/NDF : 5.0/5

Left Out: -9.921+/-283.426 χ^2/NDF : 4.8/9

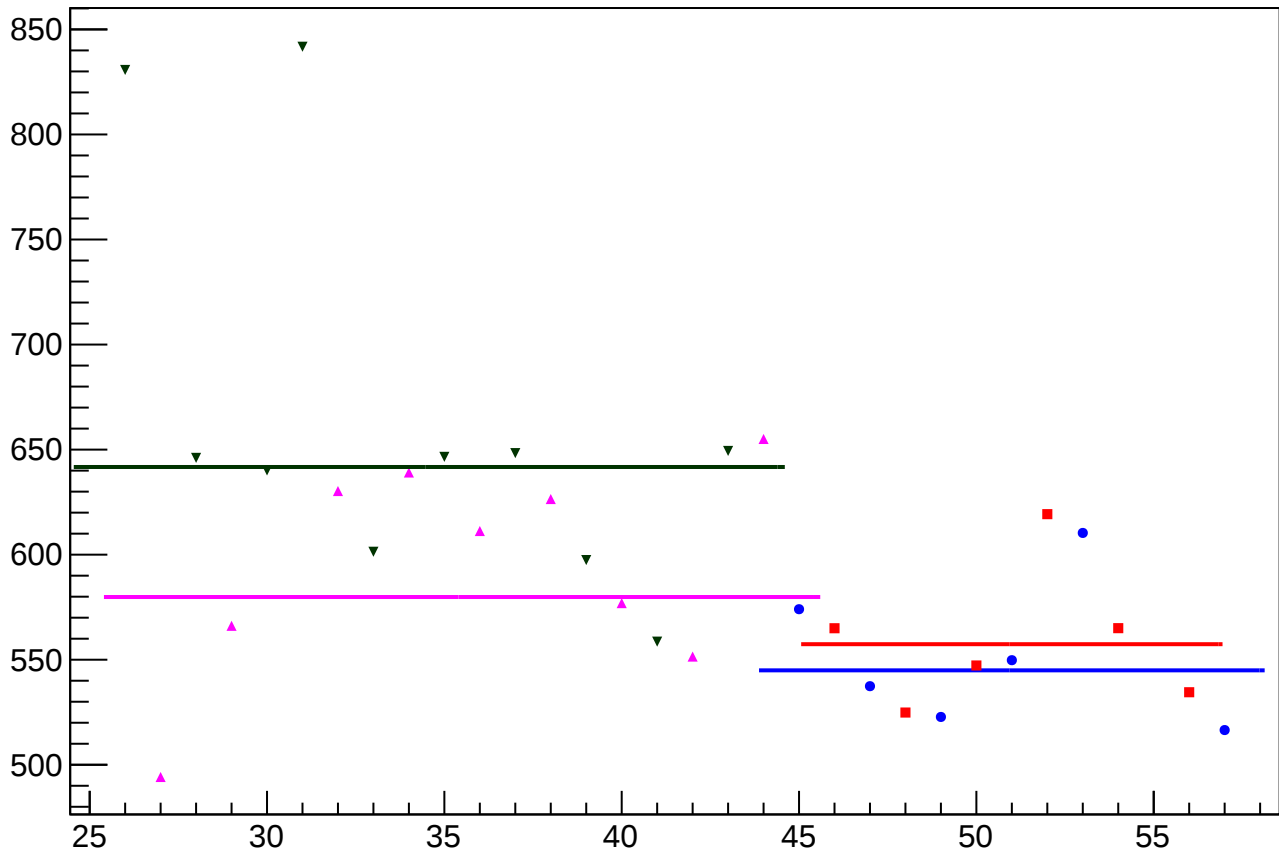
Right Out: -70.649+/-325.456 χ^2/NDF : 11.2/5

Left In: 682.257+/-246.151 χ^2/NDF : 9.4/8

240.796+/-209.853 χ^2/NDF : 11.6/15

408.290+/-196.323 χ^2/NDF : 24.0/14

asym_left_avg_correction_rms vs slug



Right In: 544.938 ± 0.221 χ^2/NDF : 21290.4/5

Left Out: 641.730 ± 0.200 χ^2/NDF : 127789.4/9

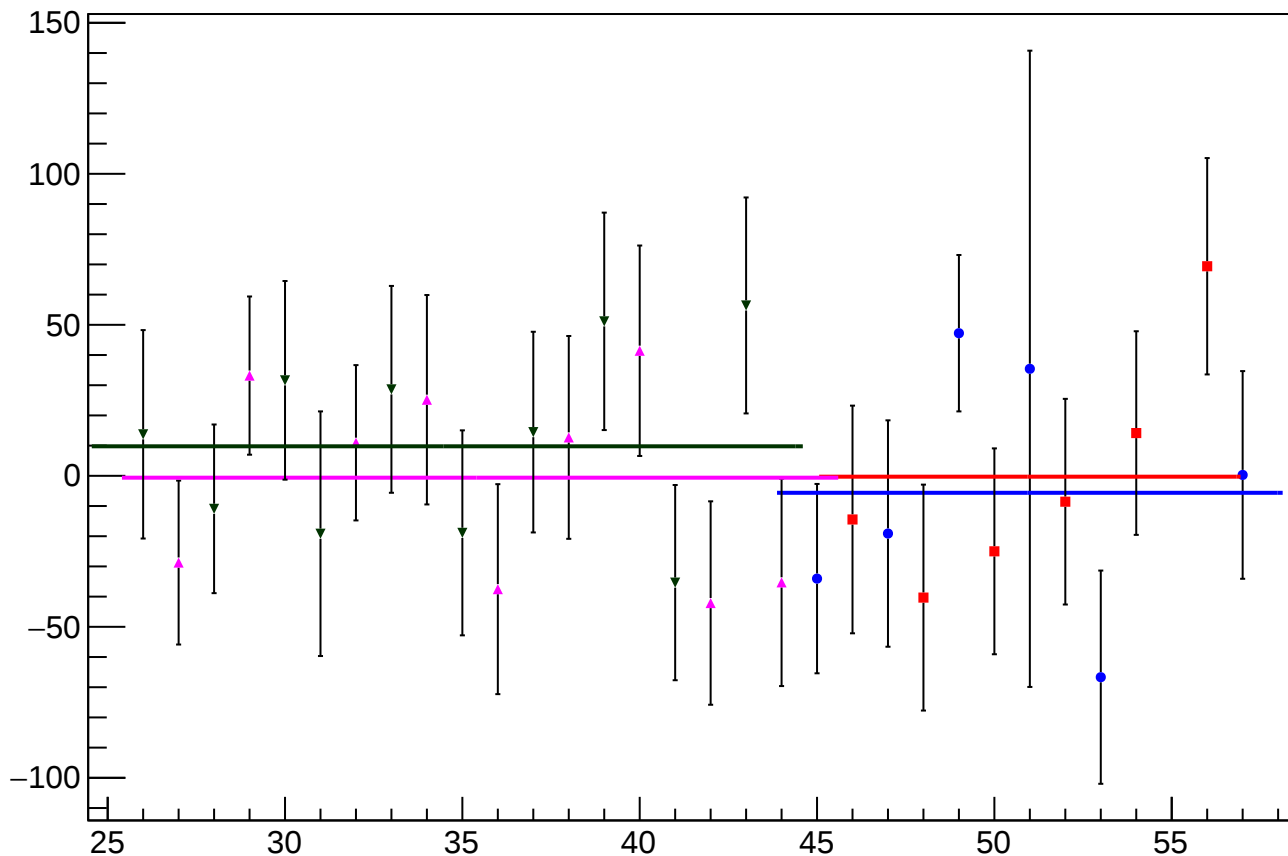
Right Out: 557.388 ± 0.230 χ^2/NDF : 16394.8/5

Left In: 579.843 ± 0.174 χ^2/NDF : 94882.5/8

598.001 ± 0.148 χ^2/NDF : 254459.9/15

571.672 ± 0.139 χ^2/NDF : 117333.6/14

reg_asym_left_dd_mean vs slug



Right In: -5.622 ± 14.201 χ^2/NDF : 8.3/5

Left Out: 9.773 ± 10.664 χ^2/NDF : 7.5/9

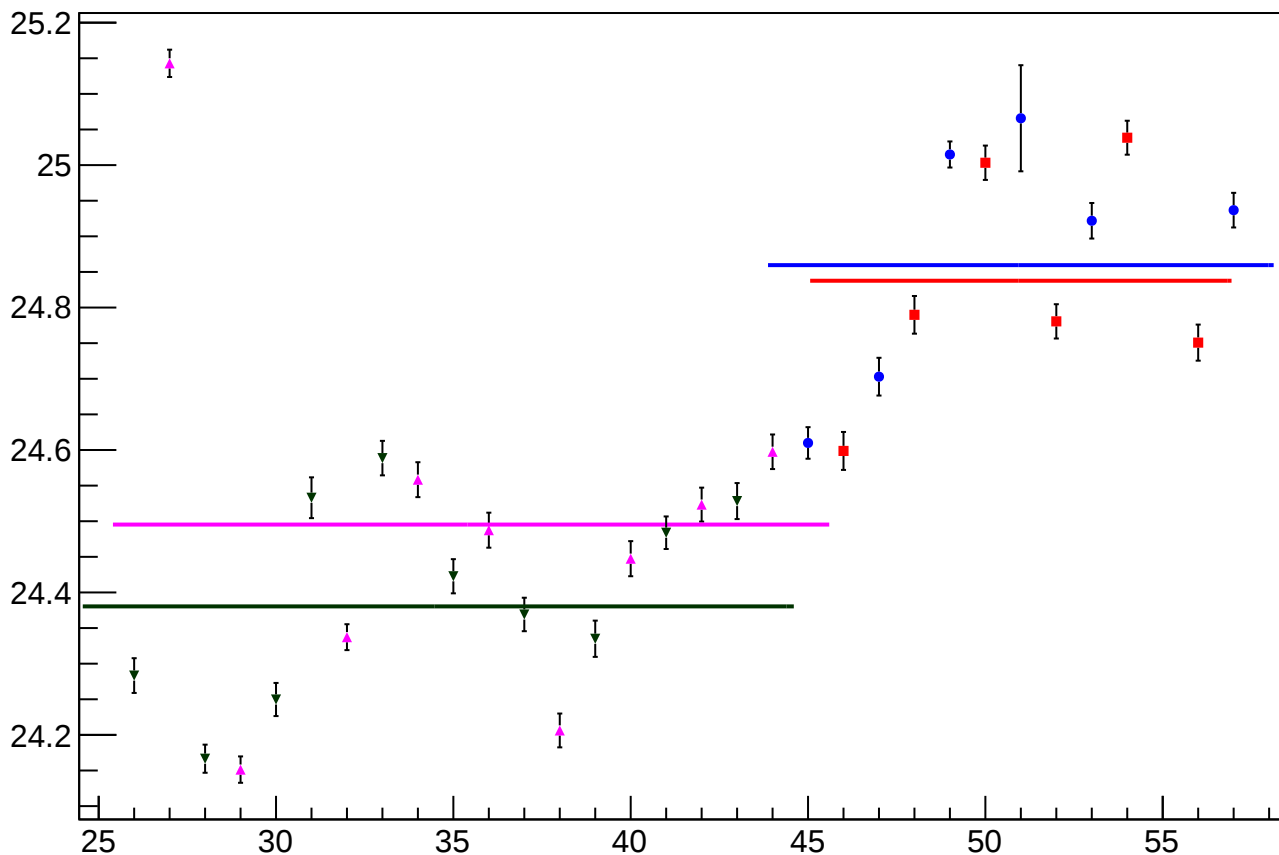
Right Out: -0.285 ± 14.432 χ^2/NDF : 5.8/5

Left In: -0.617 ± 10.300 χ^2/NDF : 8.8/8

4.222 ± 8.527 χ^2/NDF : 16.6/15

-0.505 ± 8.384 χ^2/NDF : 14.6/14

reg_asym_left_dd_rms vs slug



Right In: 24.860 ± 0.010 χ^2/NDF : 257.7/5

Left Out: 24.380 ± 0.008 χ^2/NDF : 328.2/9

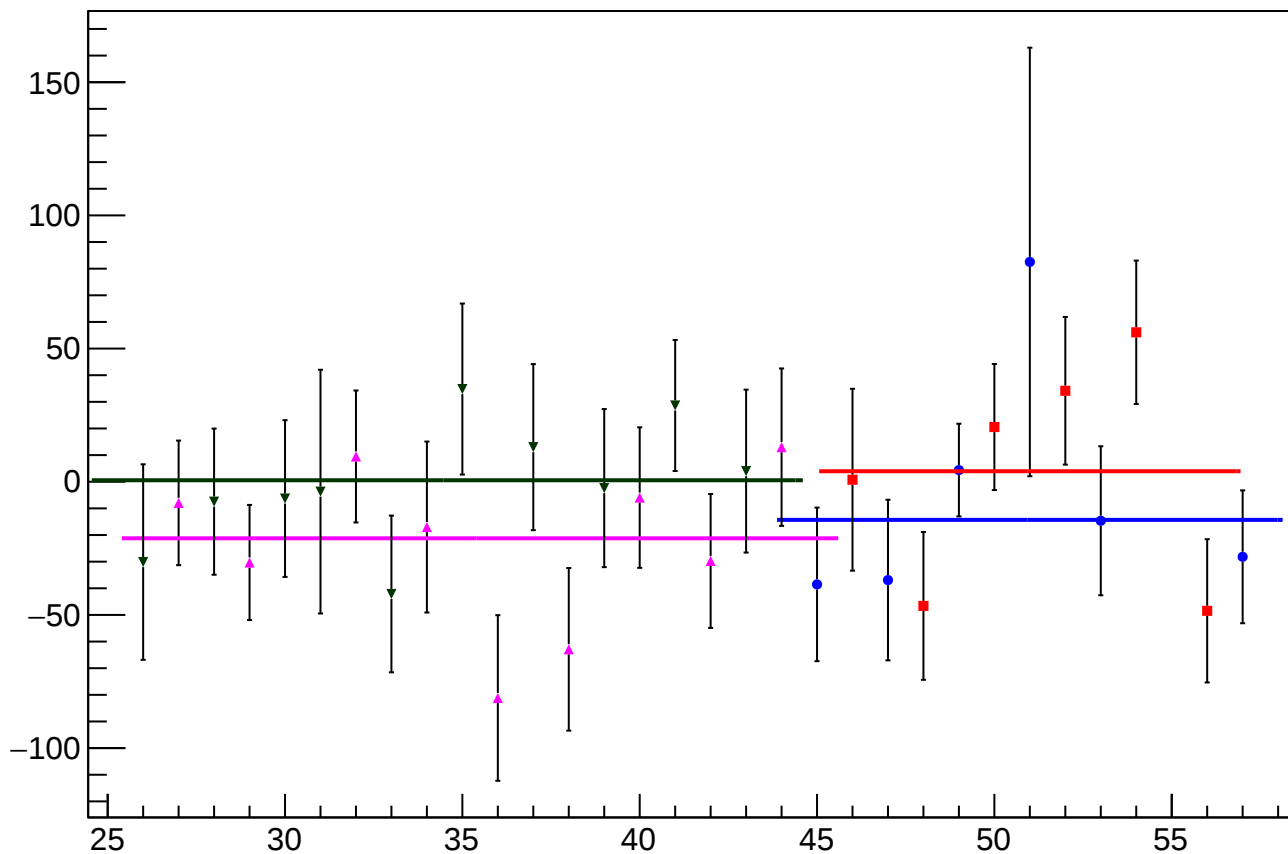
Right Out: 24.838 ± 0.010 χ^2/NDF : 219.2/5

Left In: 24.495 ± 0.007 χ^2/NDF : 1736.8/8

24.553 ± 0.006 χ^2/NDF : 2041.9/15

24.611 ± 0.006 χ^2/NDF : 2701.6/14

asym_left_dd_correction_mean vs slug



Right In: -14.307 $\pm$ 10.752 χ^2/NDF : 4.2/5

Left Out: 0.565 $\pm$ 9.660 χ^2/NDF : 5.6/9

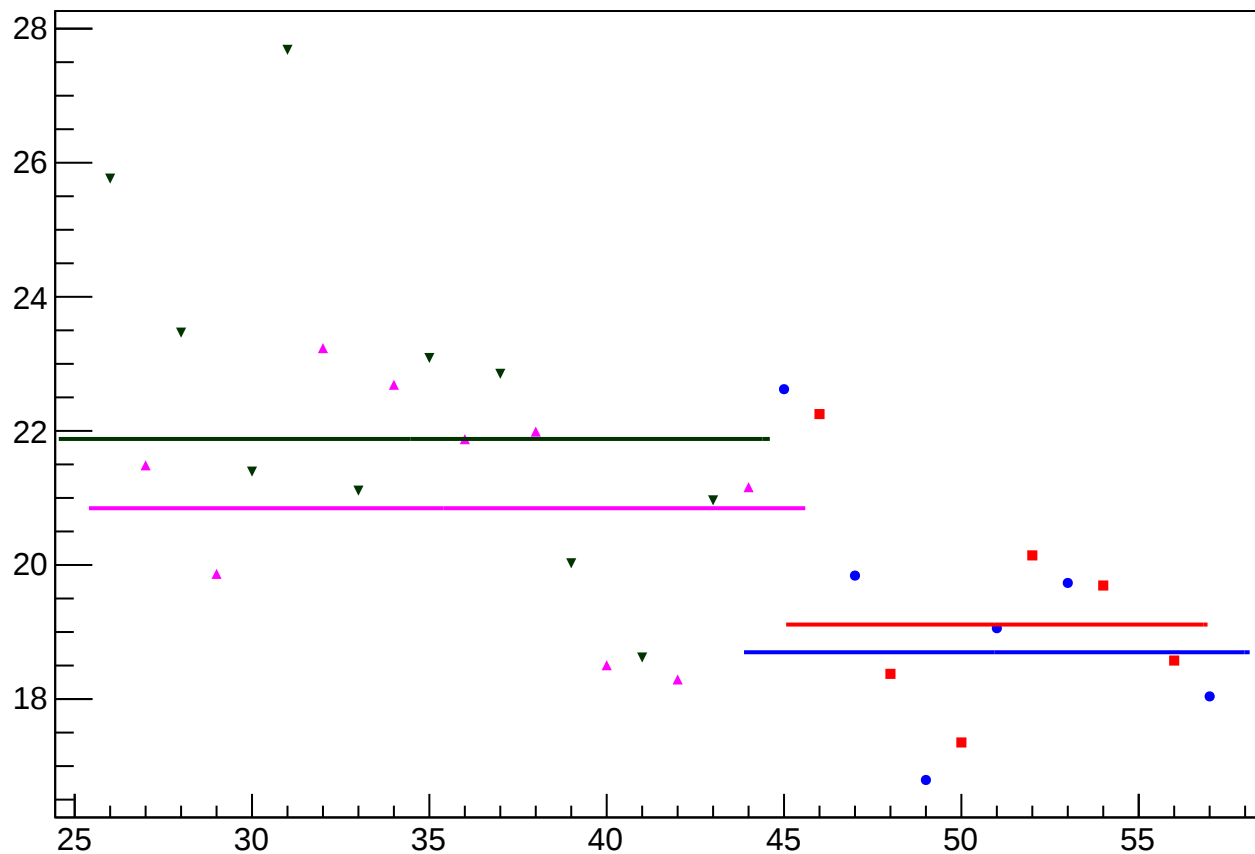
Right Out: 3.945 $\pm$ 11.176 χ^2/NDF : 12.6/5

Left In: -21.229 $\pm$ 8.825 χ^2/NDF : 9.4/8

-6.078 $\pm$ 7.186 χ^2/NDF : 10.8/15

-11.561 $\pm$ 6.926 χ^2/NDF : 25.1/14

asym_left_dd_correction_rms vs slug



Right In: 18.698+/-0.008 χ^2/NDF : 68095.3/5

Left Out: 21.880+/-0.007 χ^2/NDF : 112714.4/9

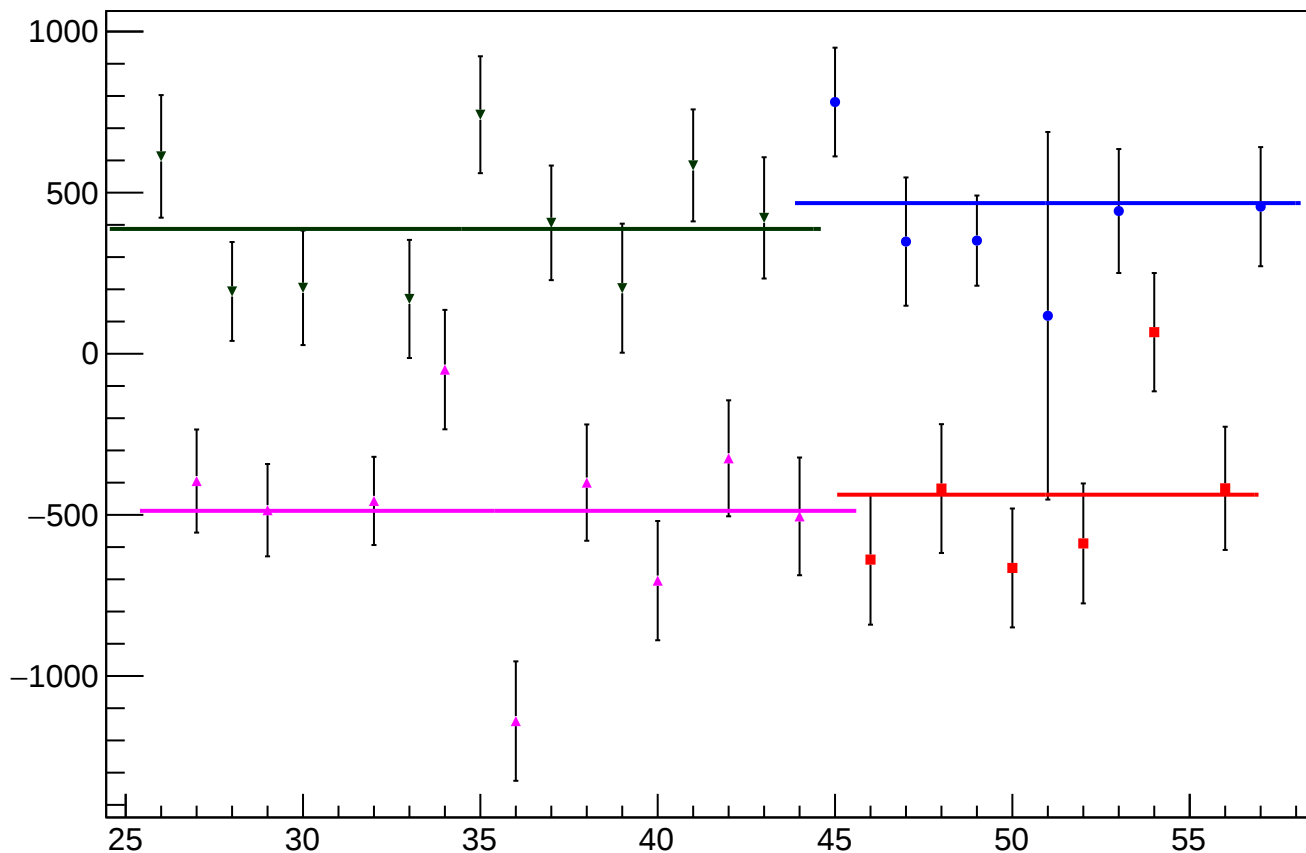
Right Out: 19.111+/-0.008 χ^2/NDF : 33867.0/5

Left In: 20.847+/-0.006 χ^2/NDF : 72407.5/8

20.459+/-0.005 χ^2/NDF : 277726.0/15

20.180+/-0.005 χ^2/NDF : 135973.4/14

reg_asym_right_avg_mean vs slug



Right In: 467.548 $\pm$ 76.516 χ^2/NDF : 4.9/5

Left Out: 387.415 $\pm$ 59.778 χ^2/NDF : 11.5/8

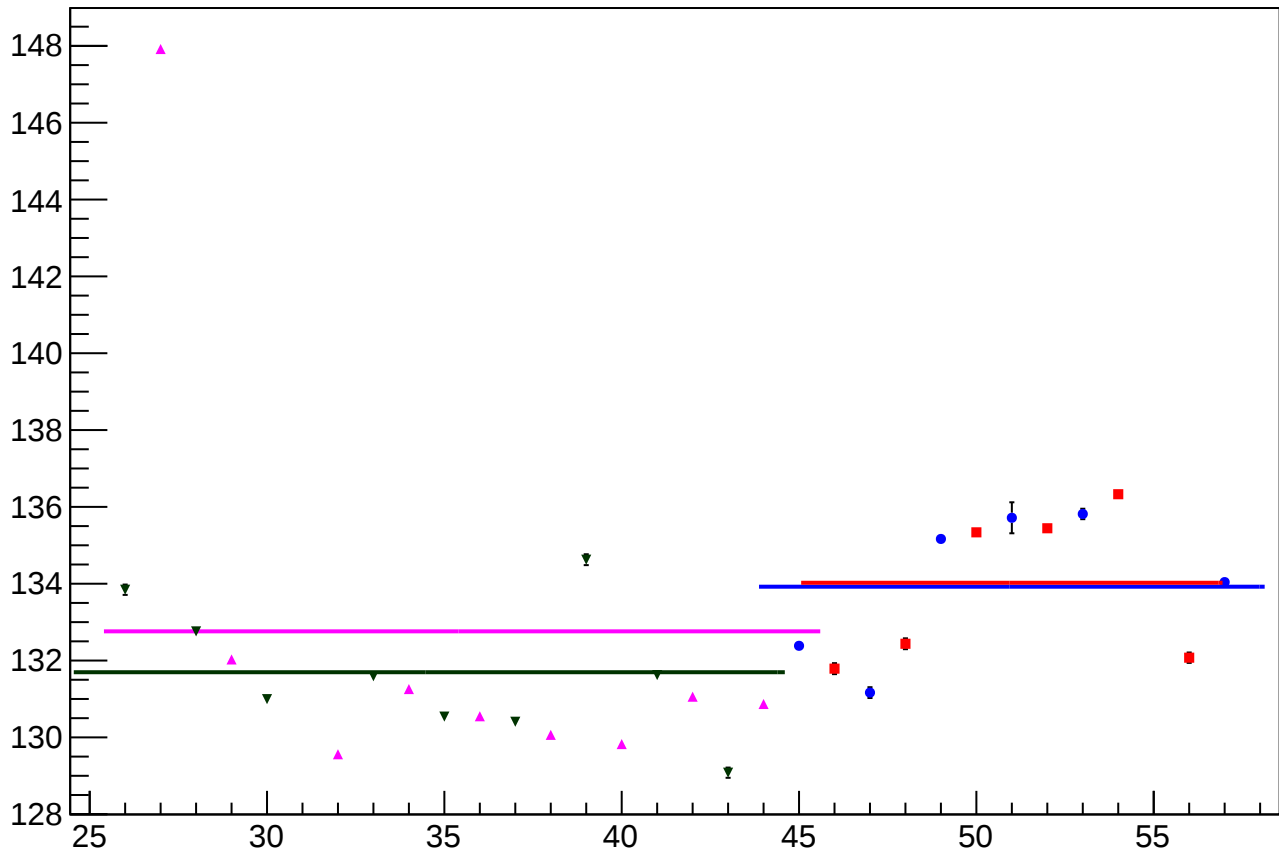
Right Out: -437.351 $\pm$ 77.889 χ^2/NDF : 10.7/5

Left In: -487.470 $\pm$ 55.895 χ^2/NDF : 20.8/8

417.786 $\pm$ 47.106 χ^2/NDF : 17.0/14

-470.433 $\pm$ 45.412 χ^2/NDF : 31.8/14

reg_asym_right_avg_rms vs slug



Right In: 133.922 $\pm$ 0.054 χ^2 /NDF: 922.2/5

Left Out: 131.696 $\pm$ 0.042 χ^2 /NDF:1383.5/8

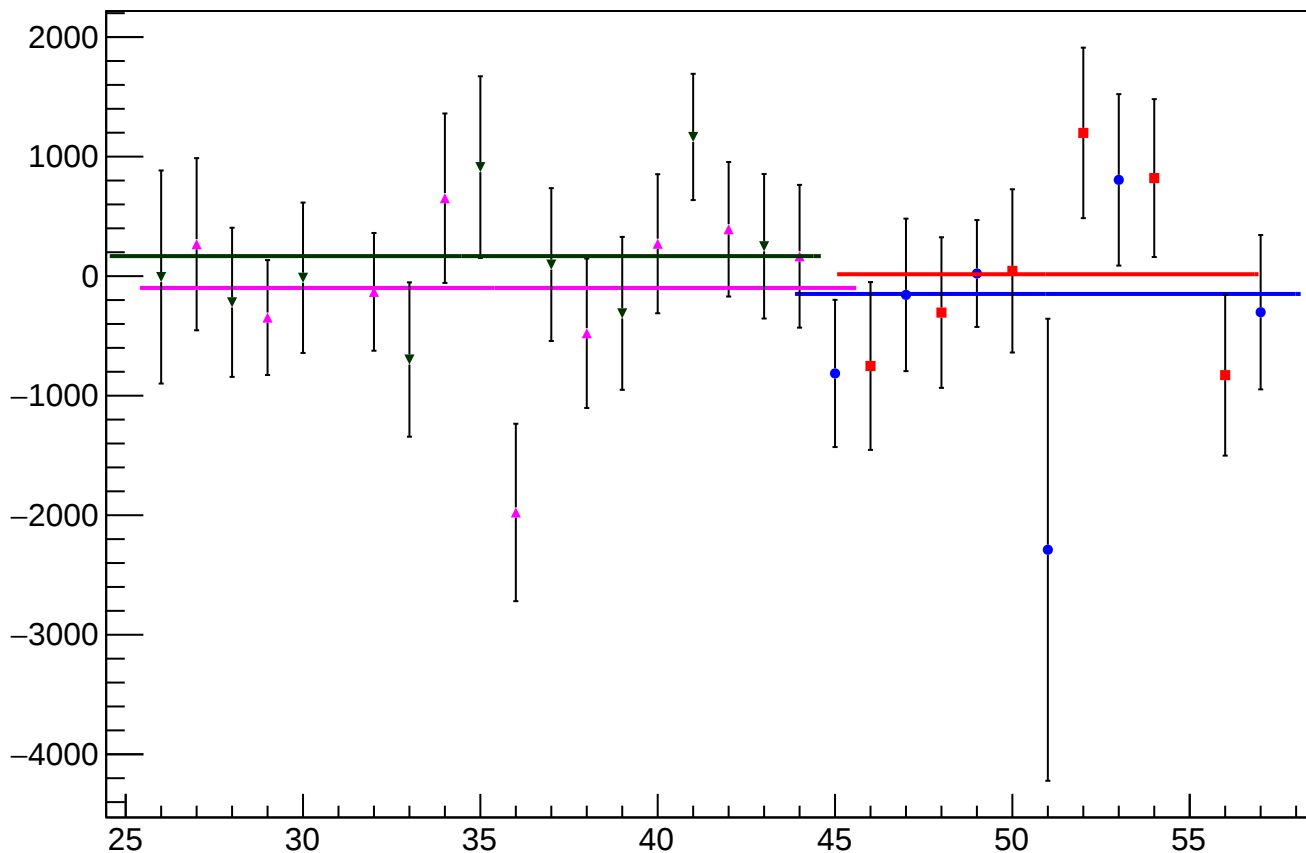
132.540 $\pm$ 0.033 χ^2 /NDF: 3357.1/14

Right Out: 134.025 $\pm$ 0.055 χ^2 /NDF: 1112.2/5

133.190 $\pm$ 0.032 χ^2 /NDF: 22308.3/14

Left In: 132.760 $\pm$ 0.040 χ^2 /NDF:20848.0/8

asym_right_avg_correction_mean vs slug



Right In: -148.872 ± 260.732 χ^2/NDF : 4.4/5

Left Out: 167.658 ± 214.670 χ^2/NDF : 7.4/8

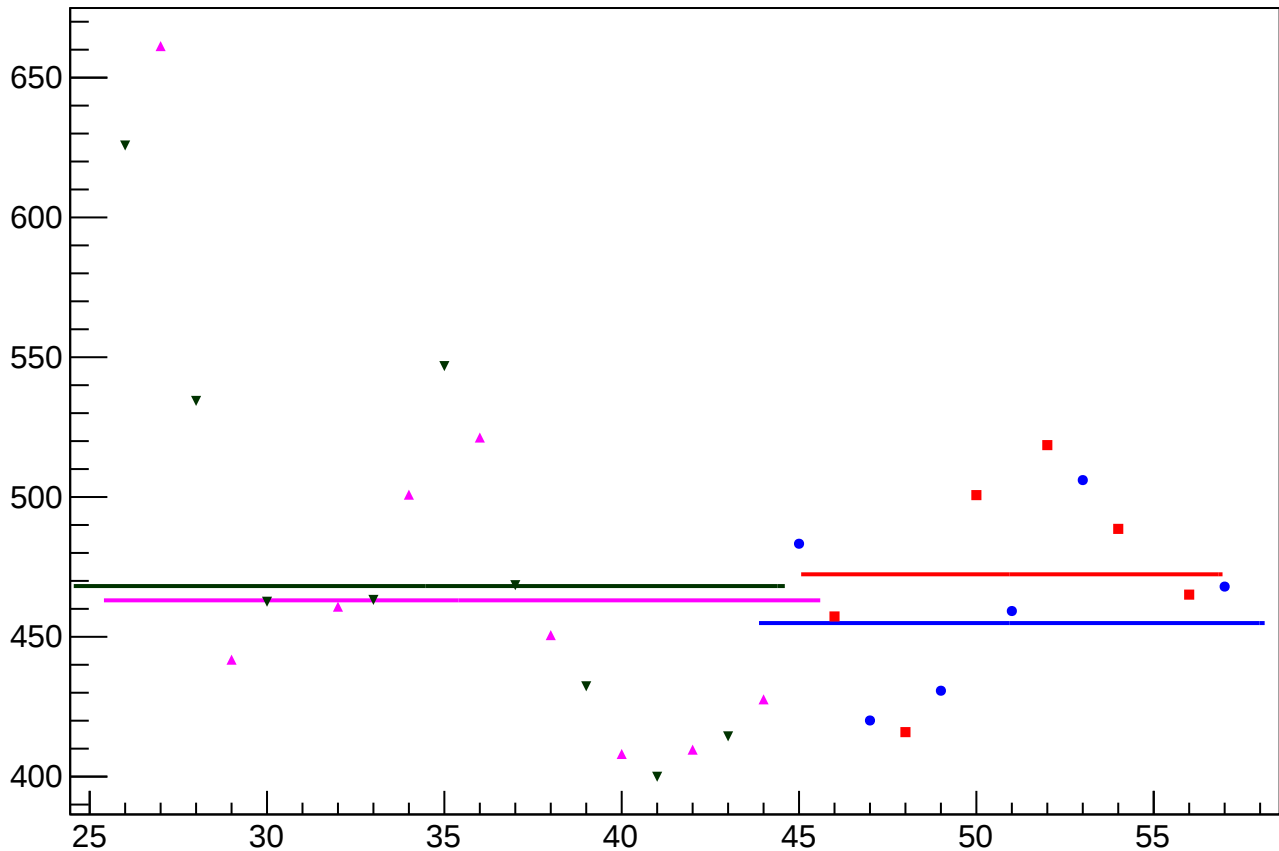
Right Out: 16.105 ± 275.670 χ^2/NDF : 7.3/5

Left In: -98.634 ± 197.418 χ^2/NDF : 9.8/8

39.777 ± 165.726 χ^2/NDF : 12.7/14

-59.738 ± 160.505 χ^2/NDF : 17.2/14

asym_right_avg_correction_rms vs slug



Right In: 454.917 ± 0.184 χ^2/NDF : 27069.9/5

Left Out: 468.153 ± 0.152 χ^2/NDF : 162231.1/8

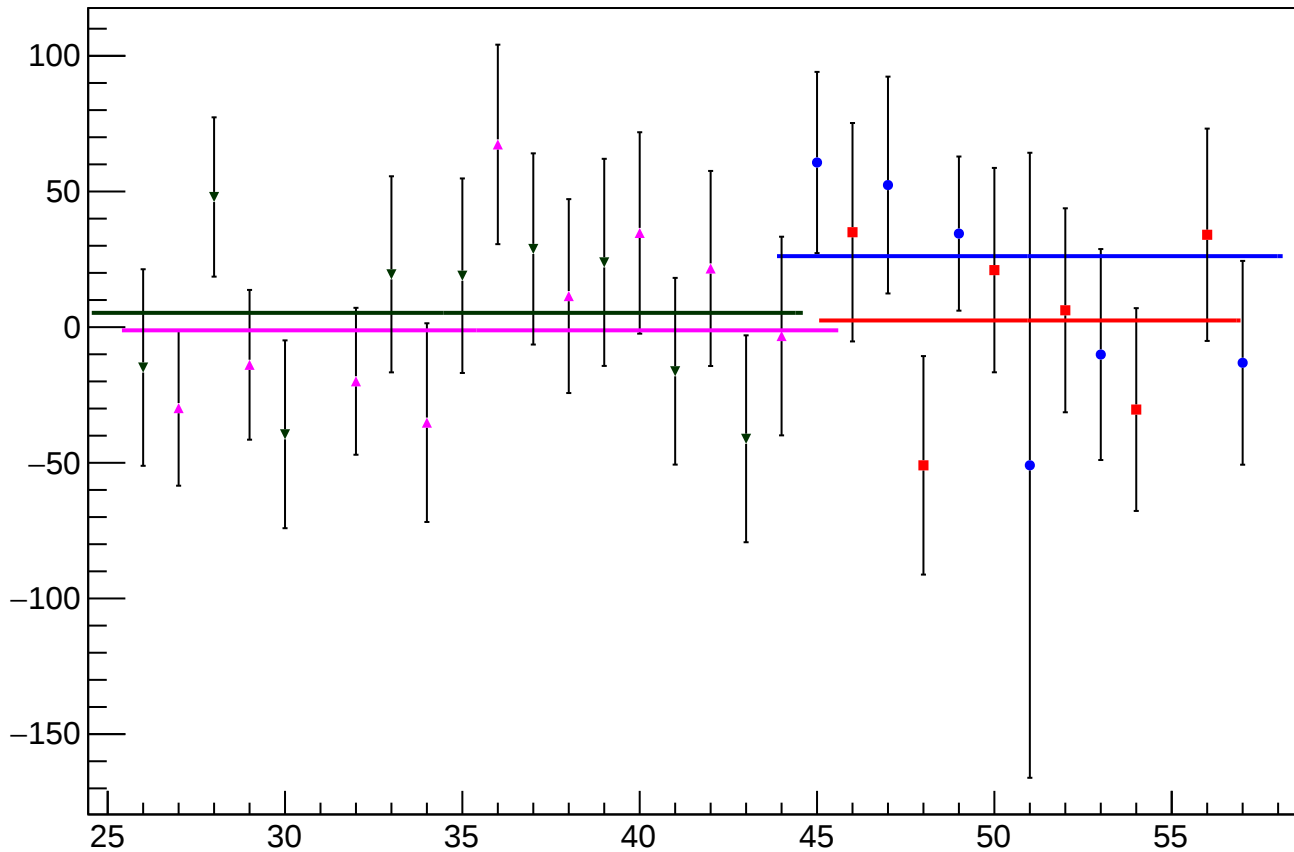
Right Out: 472.355 ± 0.195 χ^2/NDF : 30262.0/5

Left In: 463.043 ± 0.140 χ^2/NDF : 217147.7/8

462.805 ± 0.117 χ^2/NDF : 192372.6/14

466.200 ± 0.113 χ^2/NDF : 248918.2/14

reg_asym_right_dd_mean vs slug



Right In: 26.171 $\pm$ 15.415 χ^2 /NDF: 4.0/5

Left Out: 5.270 $\pm$ 11.684 χ^2 /NDF: 7.0/8

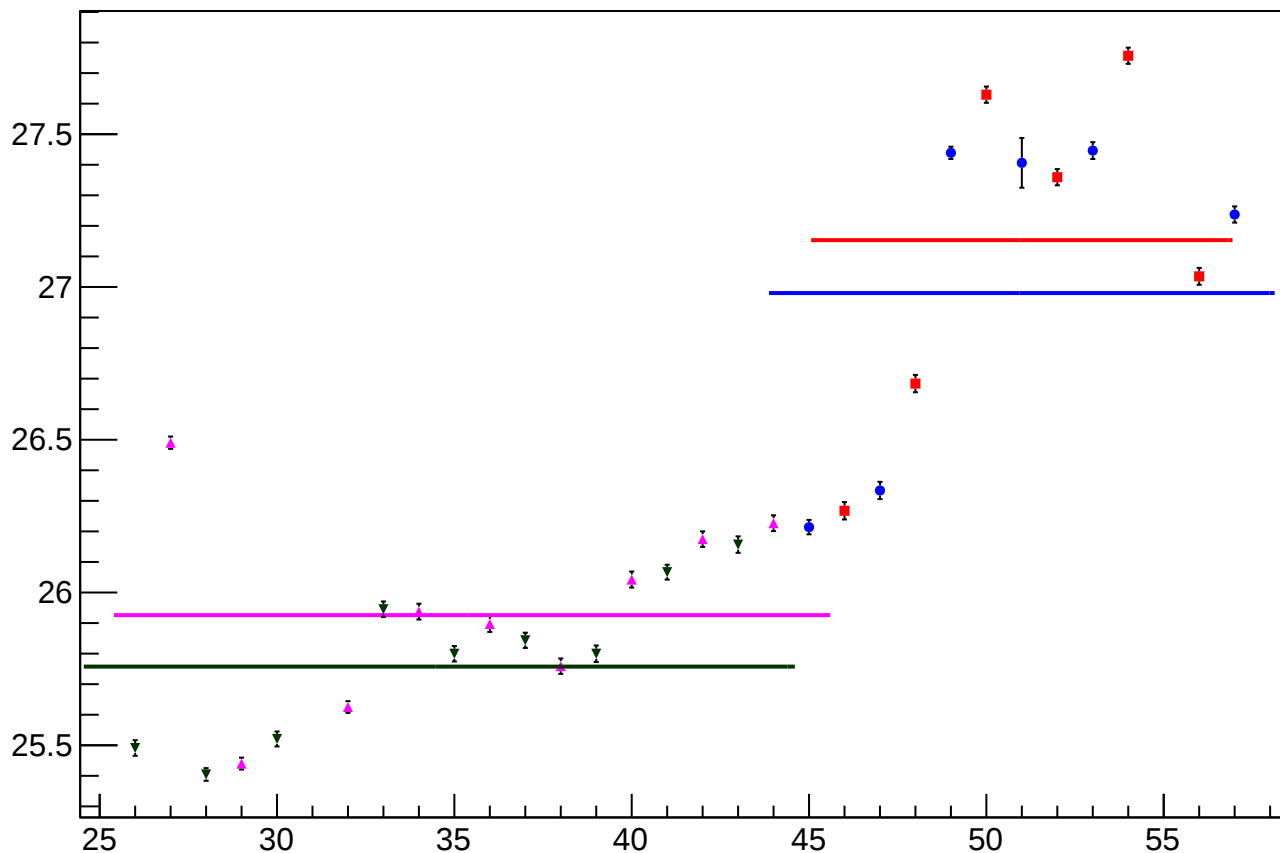
Right Out: 2.464 $\pm$ 15.781 χ^2 /NDF: 4.1/5

Left In: -1.172 $\pm$ 10.902 χ^2 /NDF: 7.5/8

12.897 $\pm$ 9.312 χ^2 /NDF: 12.1/14

0.003 $\pm$ 8.970 χ^2 /NDF: 11.6/14

reg_asym_right_dd_rms vs slug



Right In: 26.980 ± 0.011 χ^2/NDF : 2506.1/5

Left Out: 25.758 ± 0.008 χ^2/NDF : 942.7/8

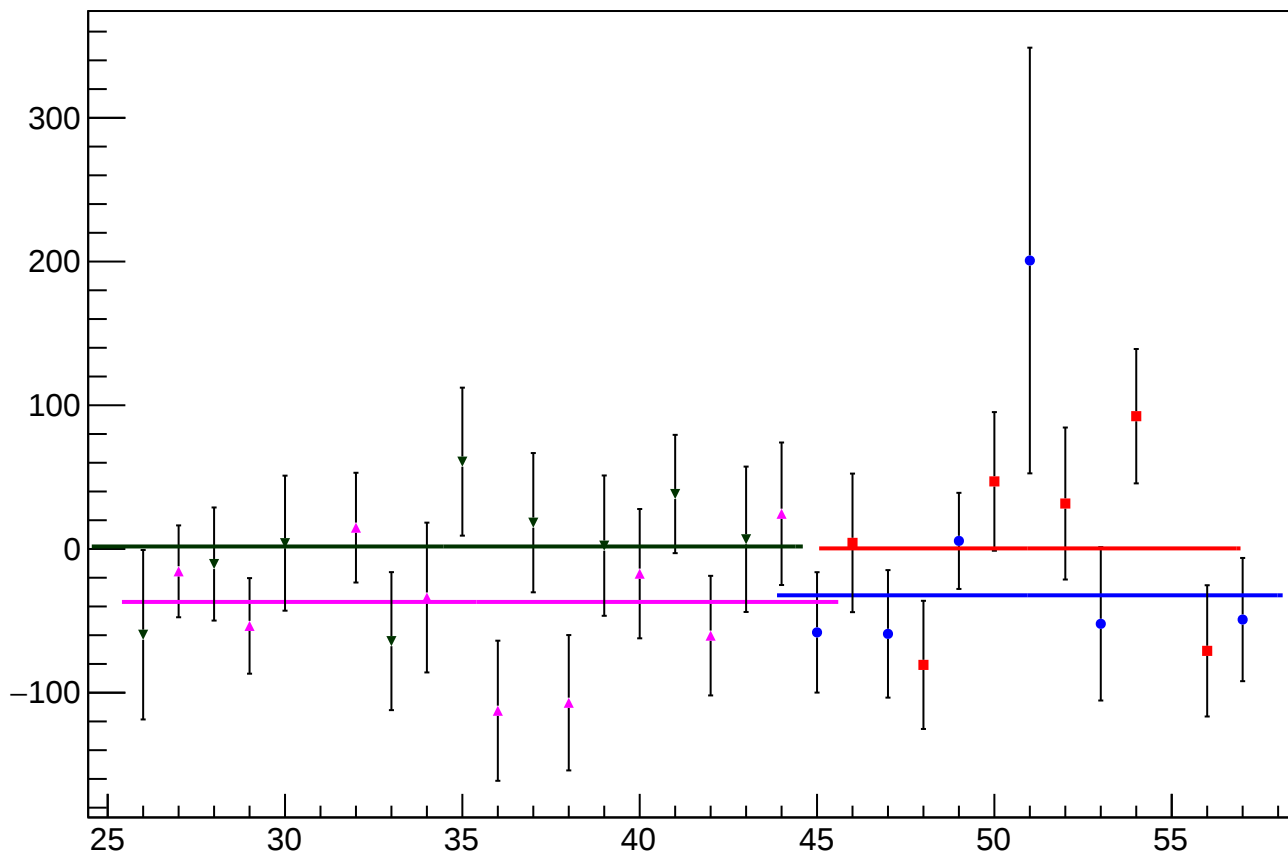
Right Out: 27.153 ± 0.011 χ^2/NDF : 2159.7/5

Left In: 25.926 ± 0.008 χ^2/NDF : 1940.9/8

26.204 ± 0.007 χ^2/NDF : 11438.2/14

26.322 ± 0.006 χ^2/NDF : 12289.5/14

asym_right_dd_correction_mean vs slug



Right In: -32.237 ± 18.528 χ^2/NDF : 4.8/5

Left Out: 1.740 ± 15.763 χ^2/NDF : 5.3/8

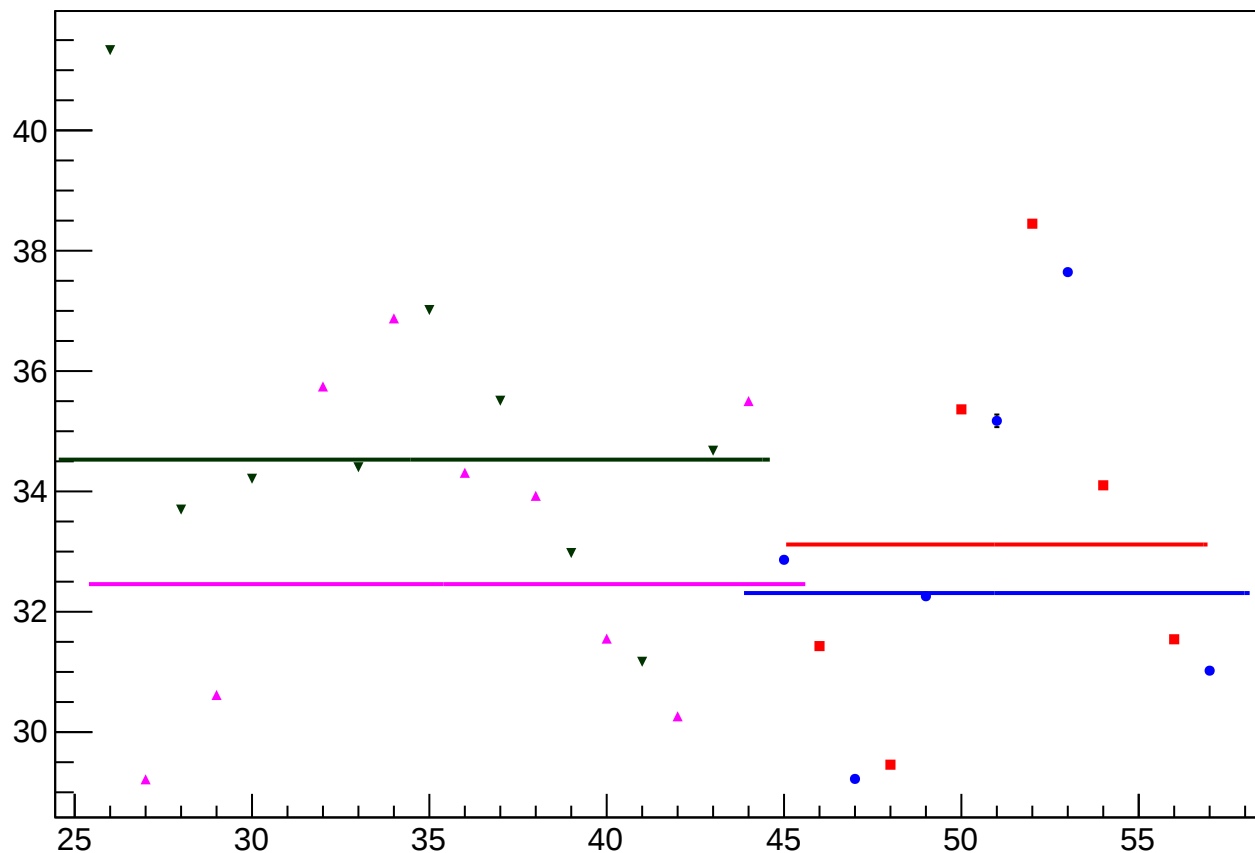
Right Out: 0.403 ± 19.398 χ^2/NDF : 10.9/5

Left In: -36.849 ± 13.752 χ^2/NDF : 9.2/8

-12.527 ± 12.006 χ^2/NDF : 12.0/14

-24.389 ± 11.219 χ^2/NDF : 22.6/14

asym_right_dd_correction_rms vs slug



Right In: 32.311 ± 0.013 χ^2/NDF : 32582.9/5

Left Out: 34.528 ± 0.011 χ^2/NDF : 48487.1/8

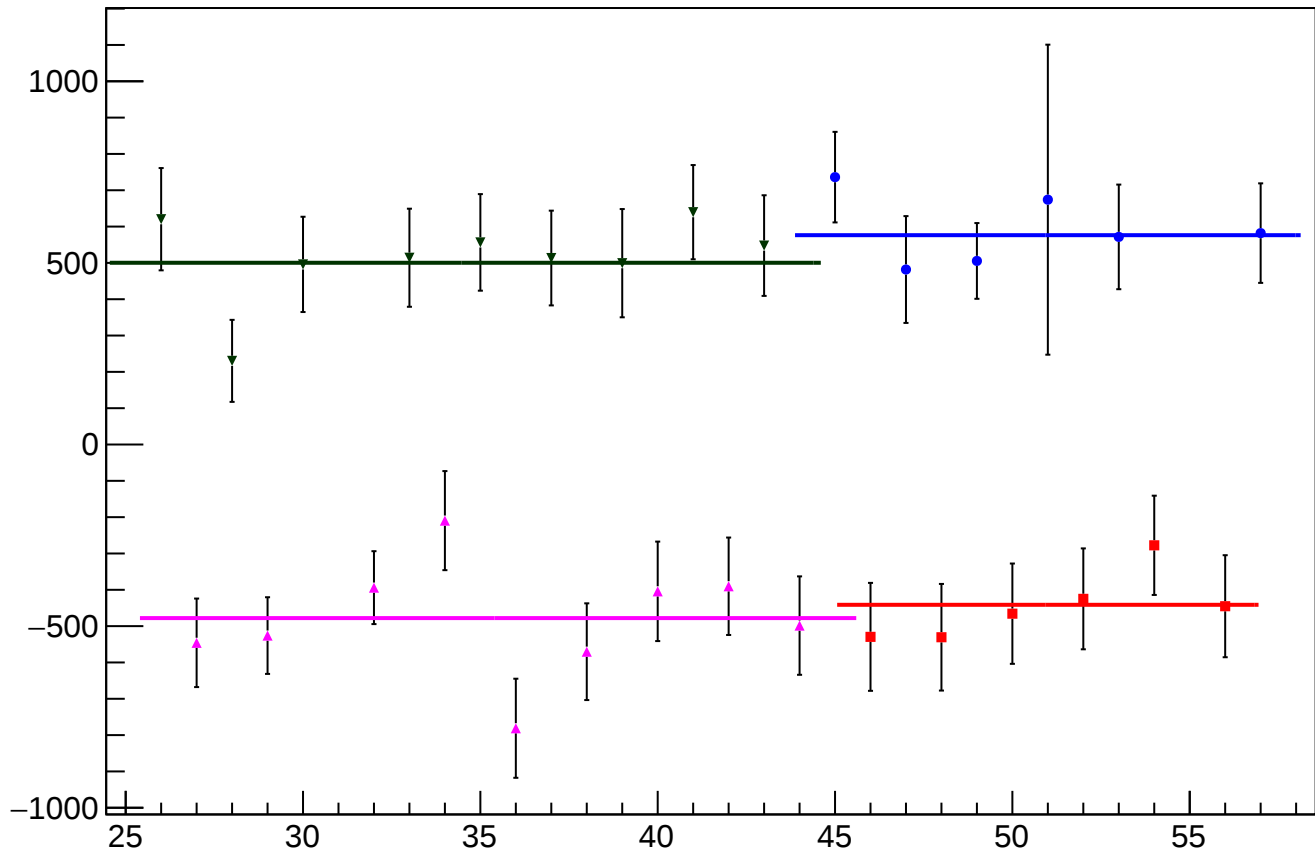
Right Out: 33.118 ± 0.014 χ^2/NDF : 43849.6/5

Left In: 32.459 ± 0.010 χ^2/NDF : 74635.6/8

33.597 ± 0.008 χ^2/NDF : 97687.1/14

32.680 ± 0.008 χ^2/NDF : 120018.5/14

reg_asym_us_avg_mean vs slug



Right In: 576.314 $\pm$ 56.836 χ^2 /NDF: 2.6/5

Left Out: 500.356 $\pm$ 44.116 χ^2 /NDF: 7.9/8

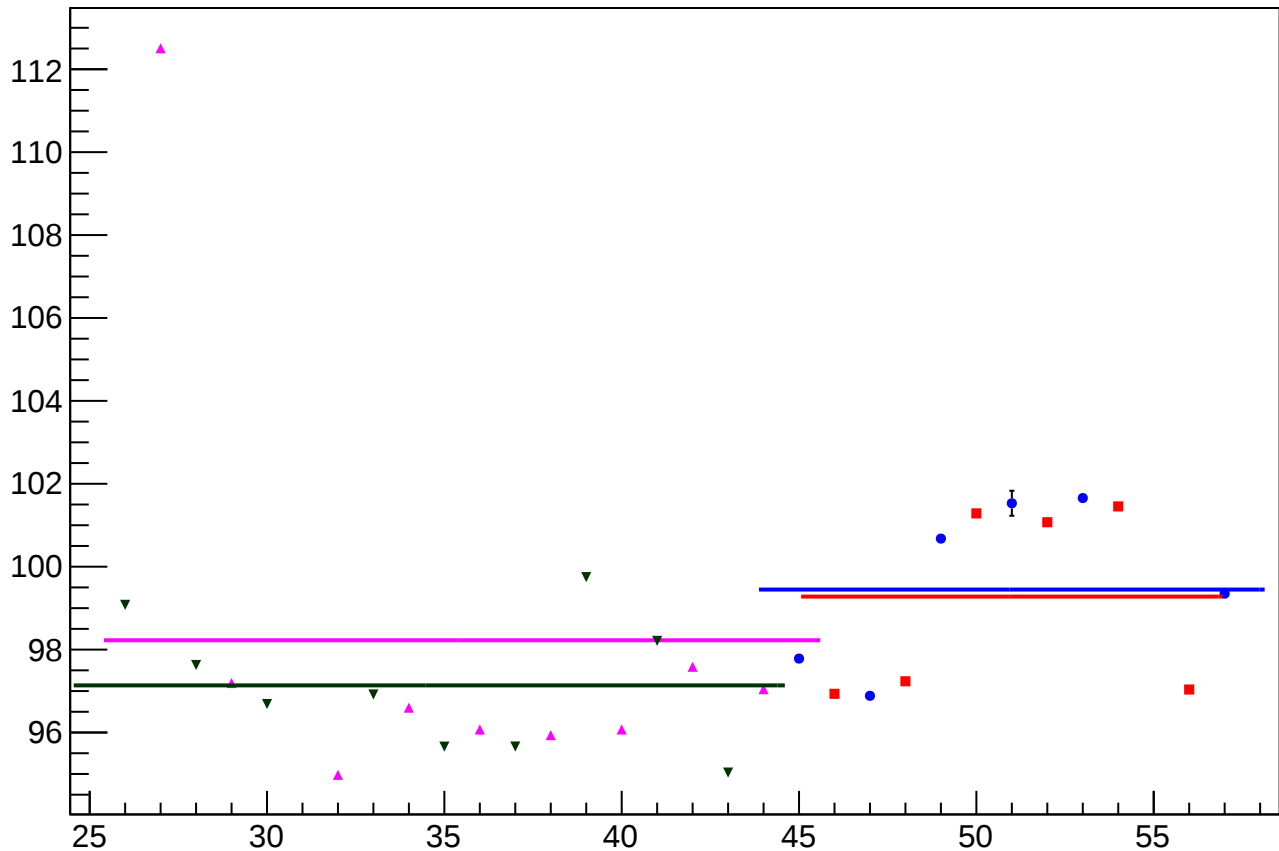
528.914 $\pm$ 34.850 χ^2 /NDF: 11.6/14

Right Out: -441.283 $\pm$ 57.712 χ^2 /NDF: 2.2/5

-465.440 $\pm$ 33.634 χ^2 /NDF: 13.7/14

Left In: -477.865 $\pm$ 41.389 χ^2 /NDF: 11.3/8

reg_asym_us_avg_rms vs slug



Right In: 99.448+/-0.040 χ^2/NDF : 1761.4/5

Left Out: 97.137+/-0.031 χ^2/NDF : 2162.7/8

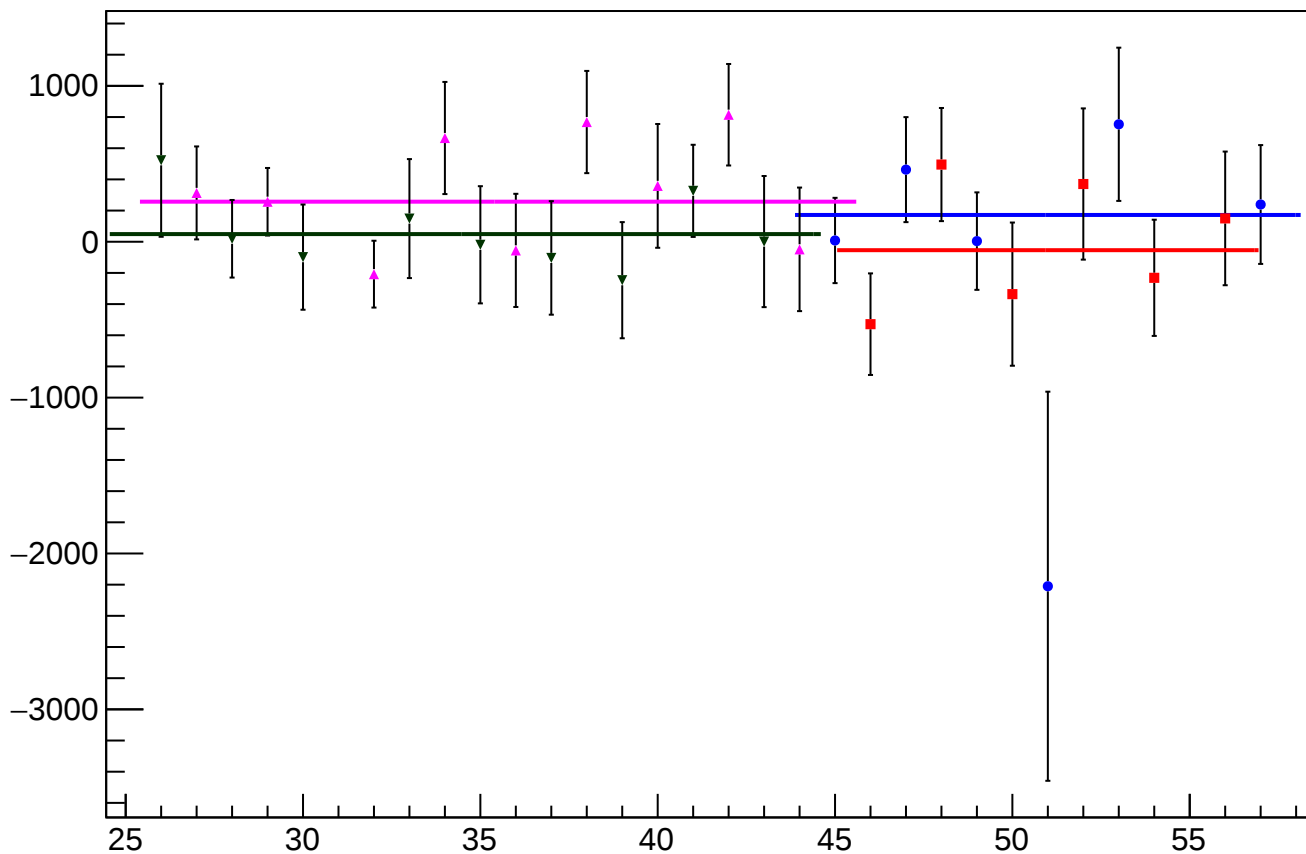
Right Out: 99.279+/-0.041 χ^2/NDF : 2658.0/5

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

98.006+/-0.025 χ^2/NDF : 5988.7/14

98.583+/-0.024 χ^2/NDF : 34915.7/14

asym_us_avg_correction_mean vs slug



Right In: 171.859+/-150.646 χ^2/NDF : 6.5/5

Left Out: 49.096+/-115.577 χ^2/NDF : 2.9/8

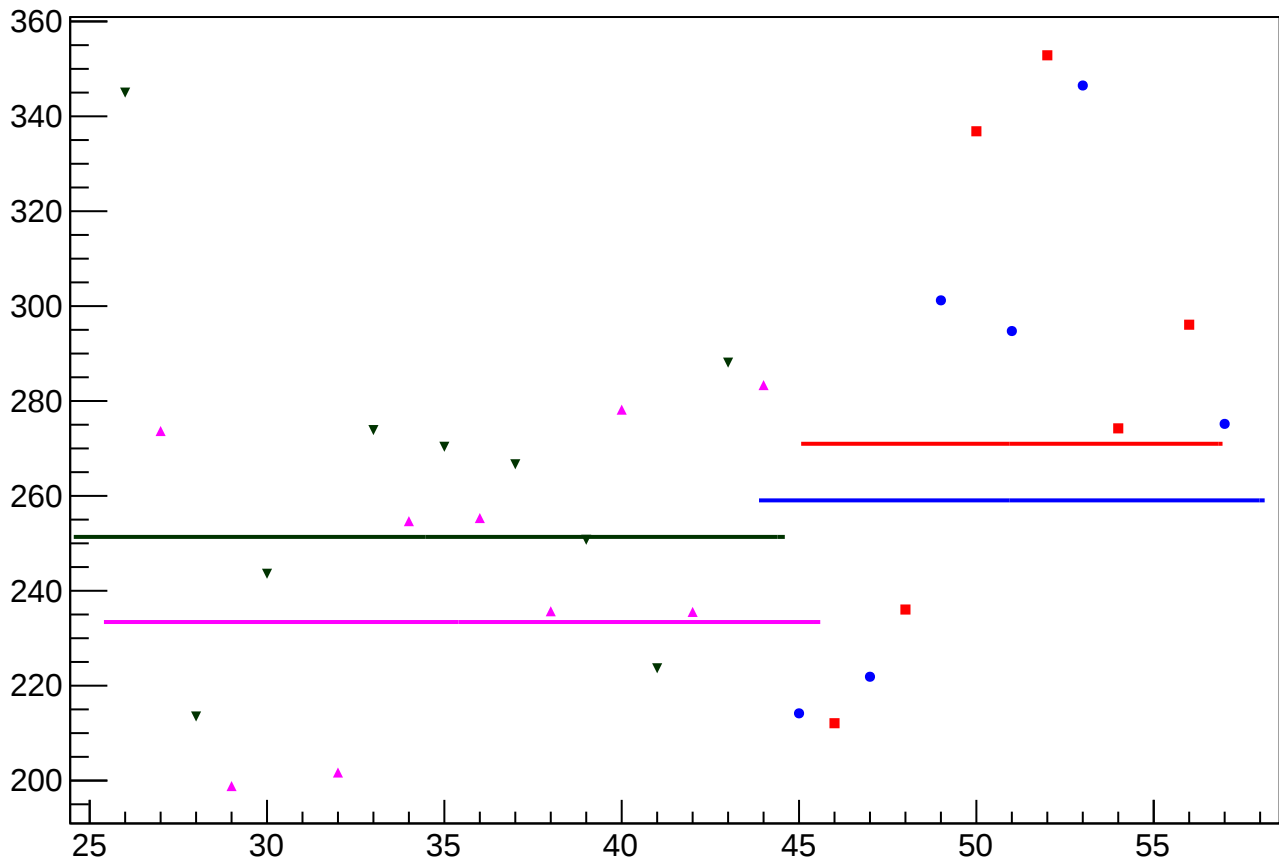
Right Out: -54.153+/-160.879 χ^2/NDF : 6.0/5

Left In: 257.038+/-99.480 χ^2/NDF : 12.8/8

94.582+/-91.699 χ^2/NDF : 9.8/14

170.963+/-84.610 χ^2/NDF : 21.5/14

asym_us_avg_correction_rms vs slug



Right In: 259.054+/-0.107 χ^2/NDF : 183049.1/5

Left Out: 251.356+/-0.082 χ^2/NDF :168505.5/8

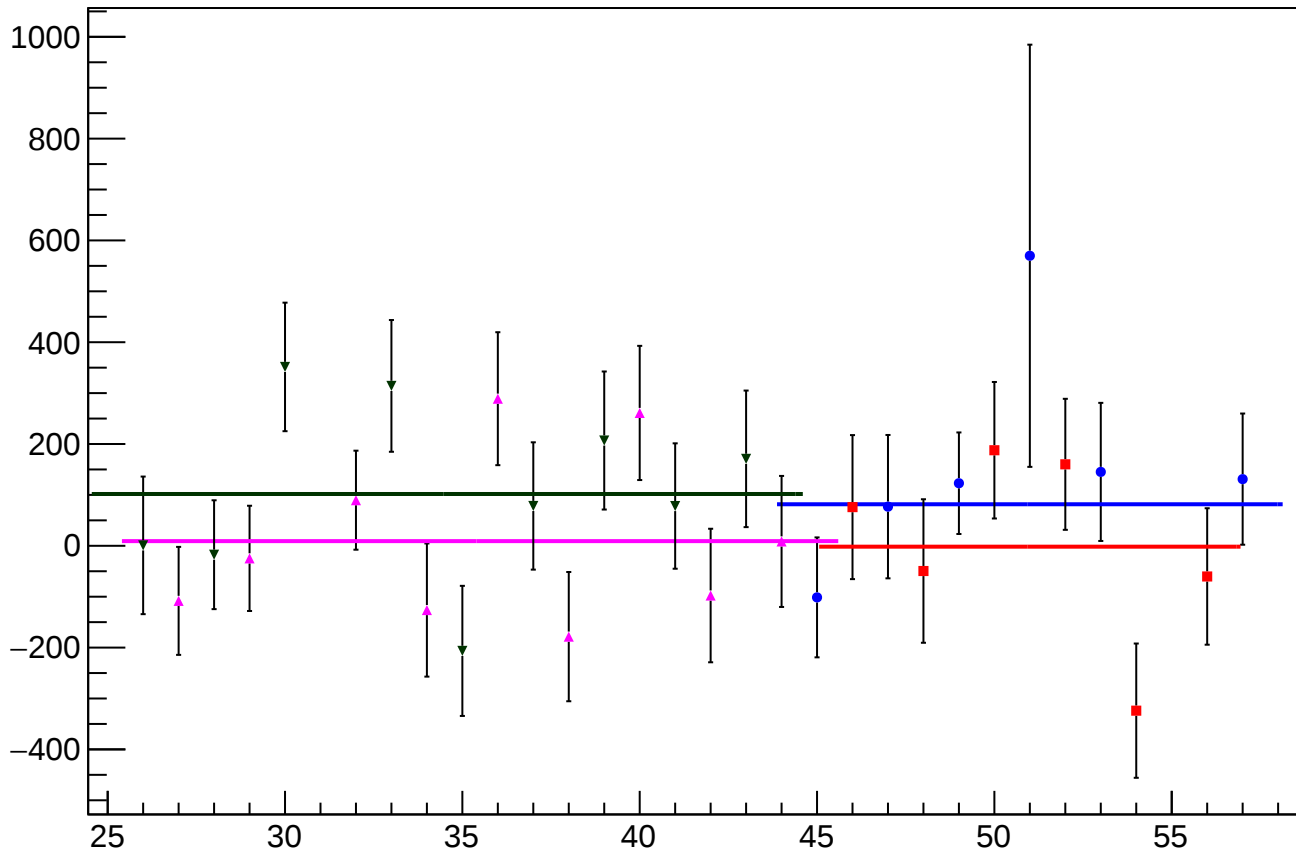
254.208+/-0.065 χ^2/NDF : 354841.7/14

Right Out: 270.985+/-0.114 χ^2/NDF : 188979.5/5

243.808+/-0.060 χ^2/NDF : 470615.4/14

Left In: 233.417+/-0.070 χ^2/NDF :202742.1/8

reg_asym_us_dd_mean vs slug



Right In: 81.620 ± 53.972 χ^2/NDF : 4.3/5

Left Out: 101.794 ± 42.049 χ^2/NDF : 15.2/8

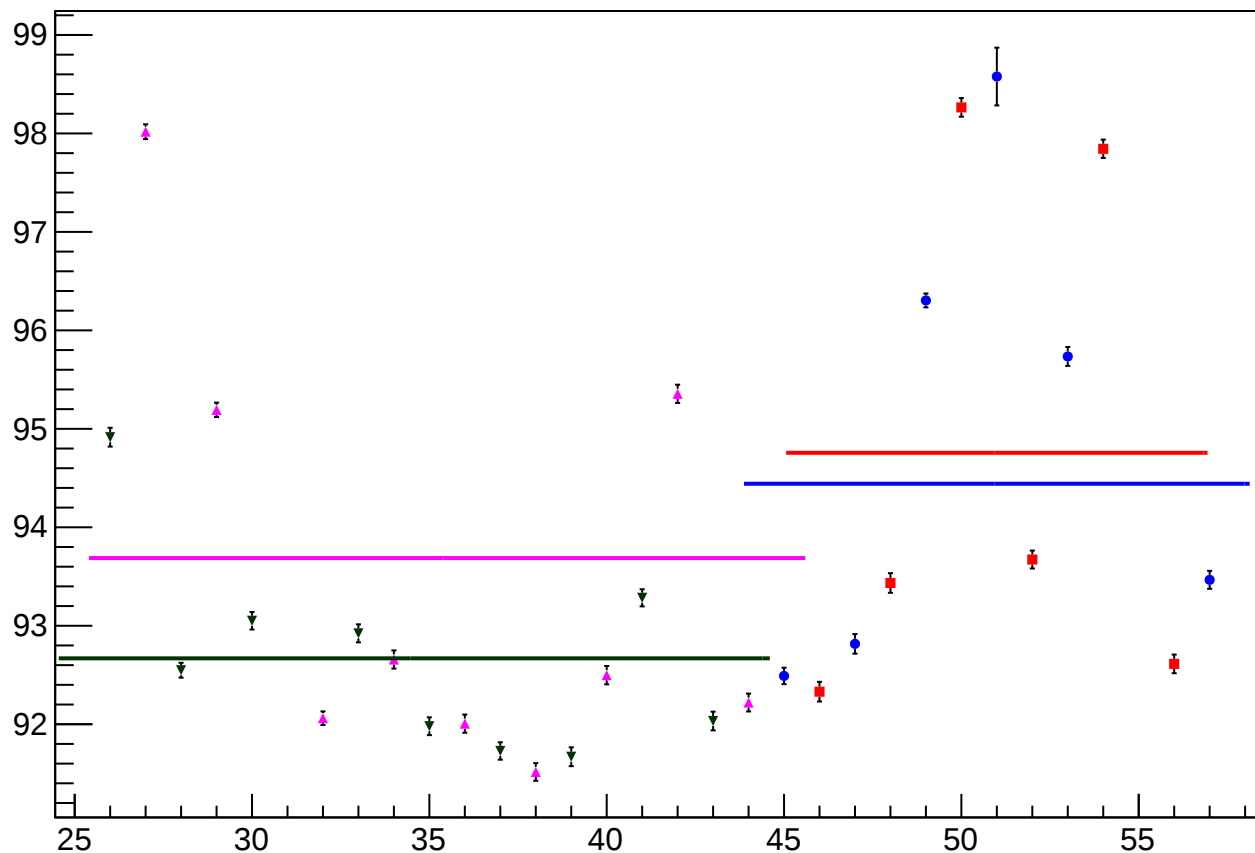
Right Out: -1.709 ± 55.102 χ^2/NDF : 10.2/5

Left In: 9.181 ± 39.431 χ^2/NDF : 14.2/8

94.174 ± 33.170 χ^2/NDF : 19.6/14

5.493 ± 32.066 χ^2/NDF : 24.4/14

reg_asym_us_dd_rms vs slug



Right In: 94.442 $\pm$ 0.038 χ^2 /NDF: 2007.1/5

Left Out: 92.669 $\pm$ 0.030 χ^2 /NDF: 955.5/8

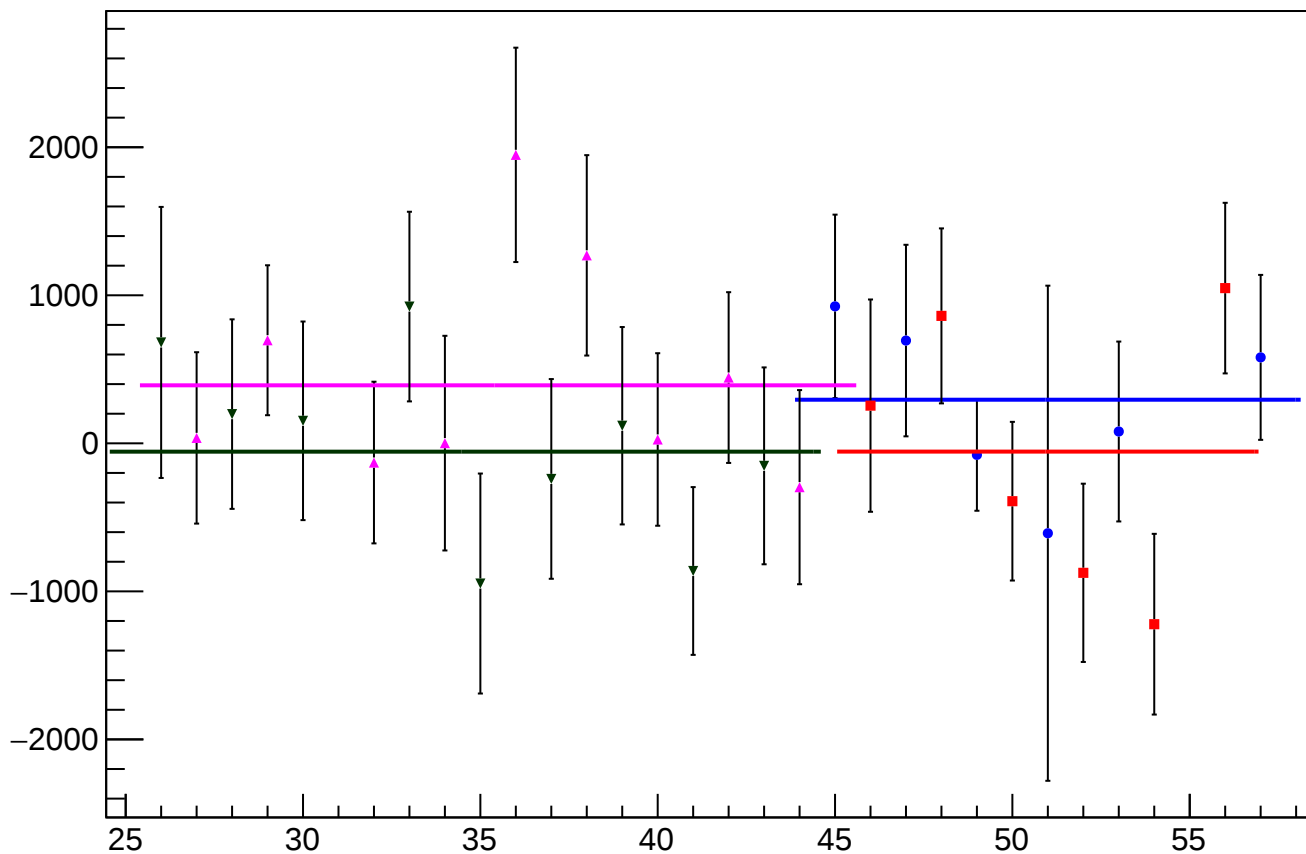
Right Out: 94.757 $\pm$ 0.039 χ^2 /NDF: 3881.2/5

Left In: 93.688 $\pm$ 0.028 χ^2 /NDF: 6102.1/8

93.339 $\pm$ 0.023 χ^2 /NDF: 4306.1/14

94.050 $\pm$ 0.023 χ^2 /NDF: 10481.1/14

asym_us_dd_correction_mean vs slug



Right In: 294.573 ± 233.752 χ^2/NDF : 3.1/5

Left Out: -56.319 ± 224.014 χ^2/NDF : 6.9/8

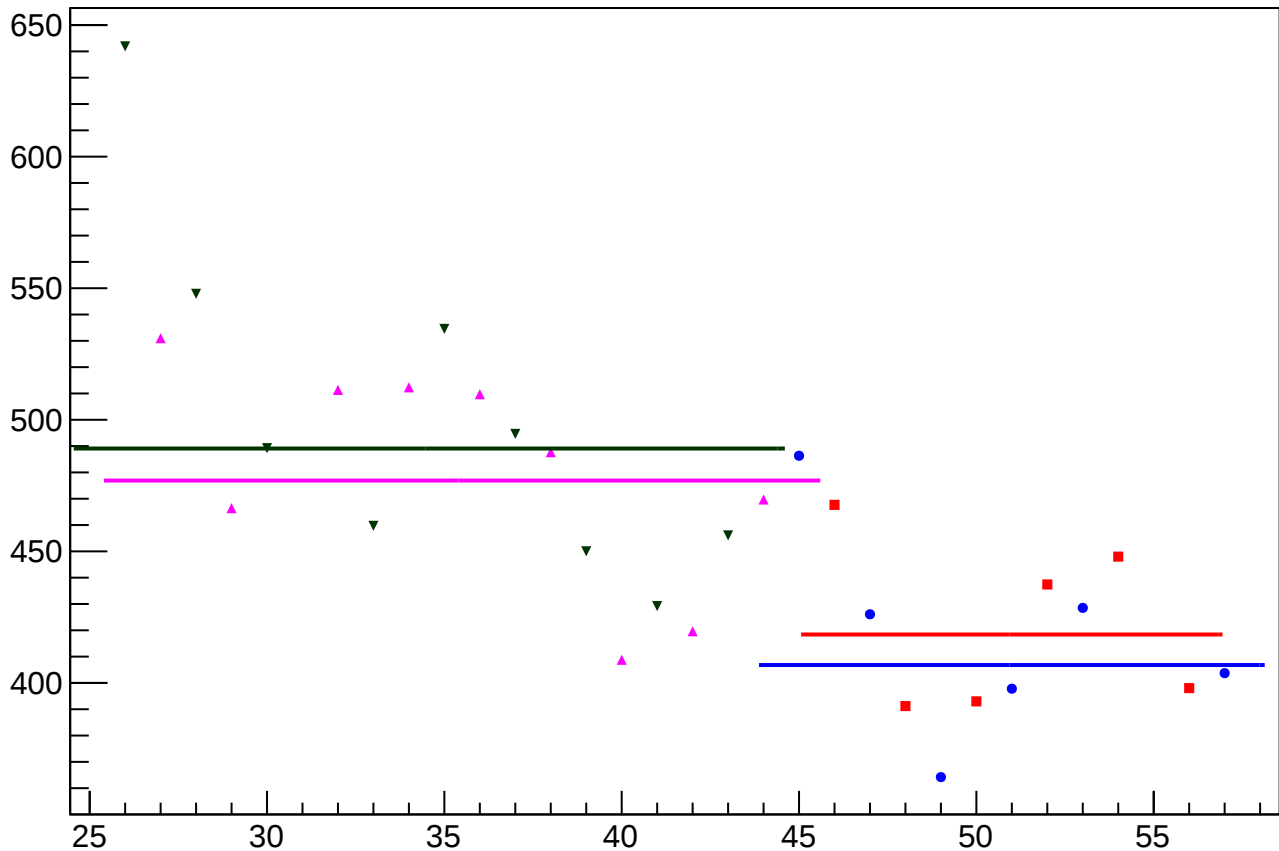
Right Out: -55.883 ± 244.390 χ^2/NDF : 12.2/5

Left In: 391.848 ± 202.004 χ^2/NDF : 9.7/8

111.666 ± 161.735 χ^2/NDF : 11.1/14

210.115 ± 155.701 χ^2/NDF : 23.9/14

asym_us_dd_correction_rms vs slug



Right In: 406.801 ± 0.165 χ^2/NDF : 62868.1/5

Left Out: 489.081 ± 0.158 χ^2/NDF : 118576.3/8

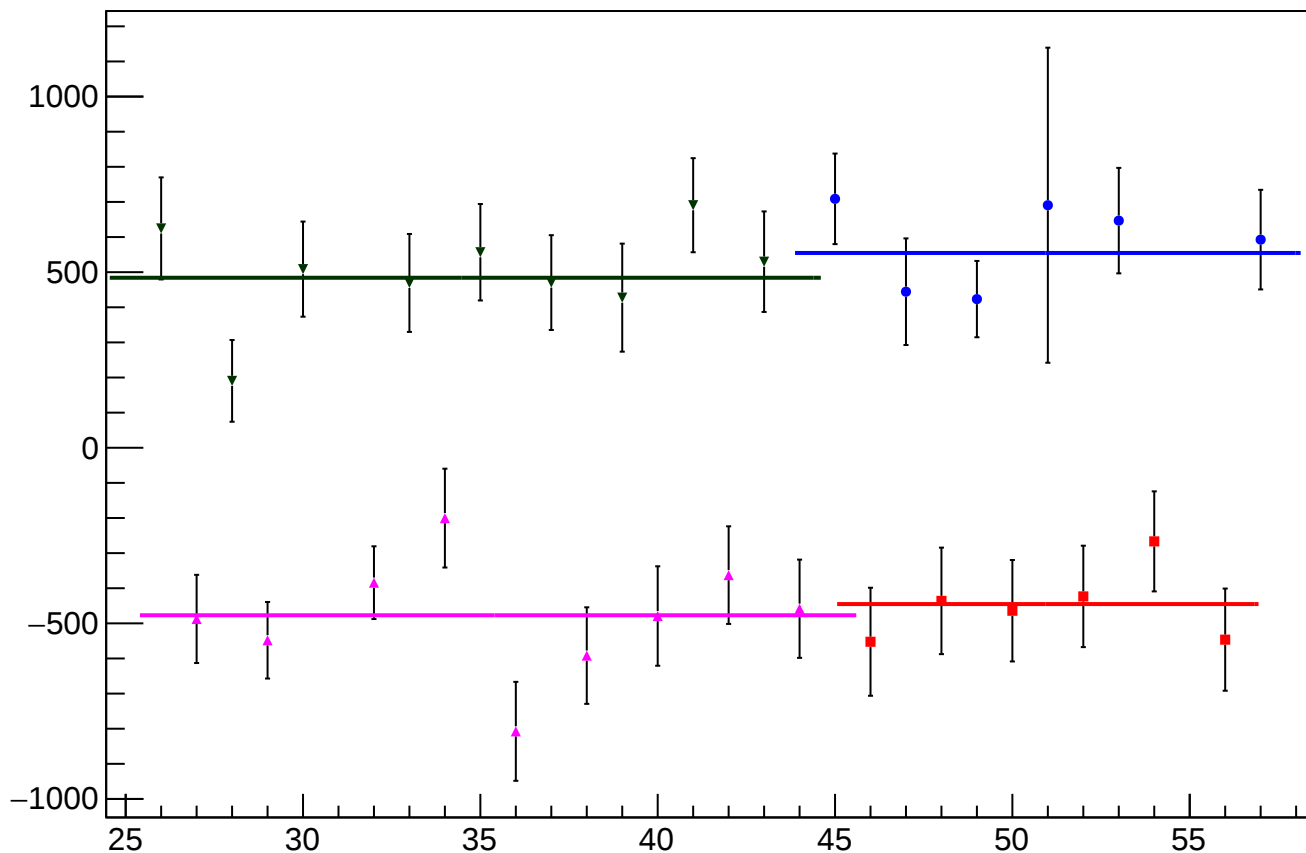
Right Out: 418.403 ± 0.173 χ^2/NDF : 27365.3/5

Left In: 476.913 ± 0.143 χ^2/NDF : 82979.3/8

449.691 ± 0.114 χ^2/NDF : 310616.5/14

453.164 ± 0.110 χ^2/NDF : 178451.5/14

reg_asym_ds_avg_mean vs slug



Right In: 554.718 $\pm$ 59.006 χ^2 /NDF: 4.0/5

Left Out: 484.116 $\pm$ 45.554 χ^2 /NDF:10.3/8

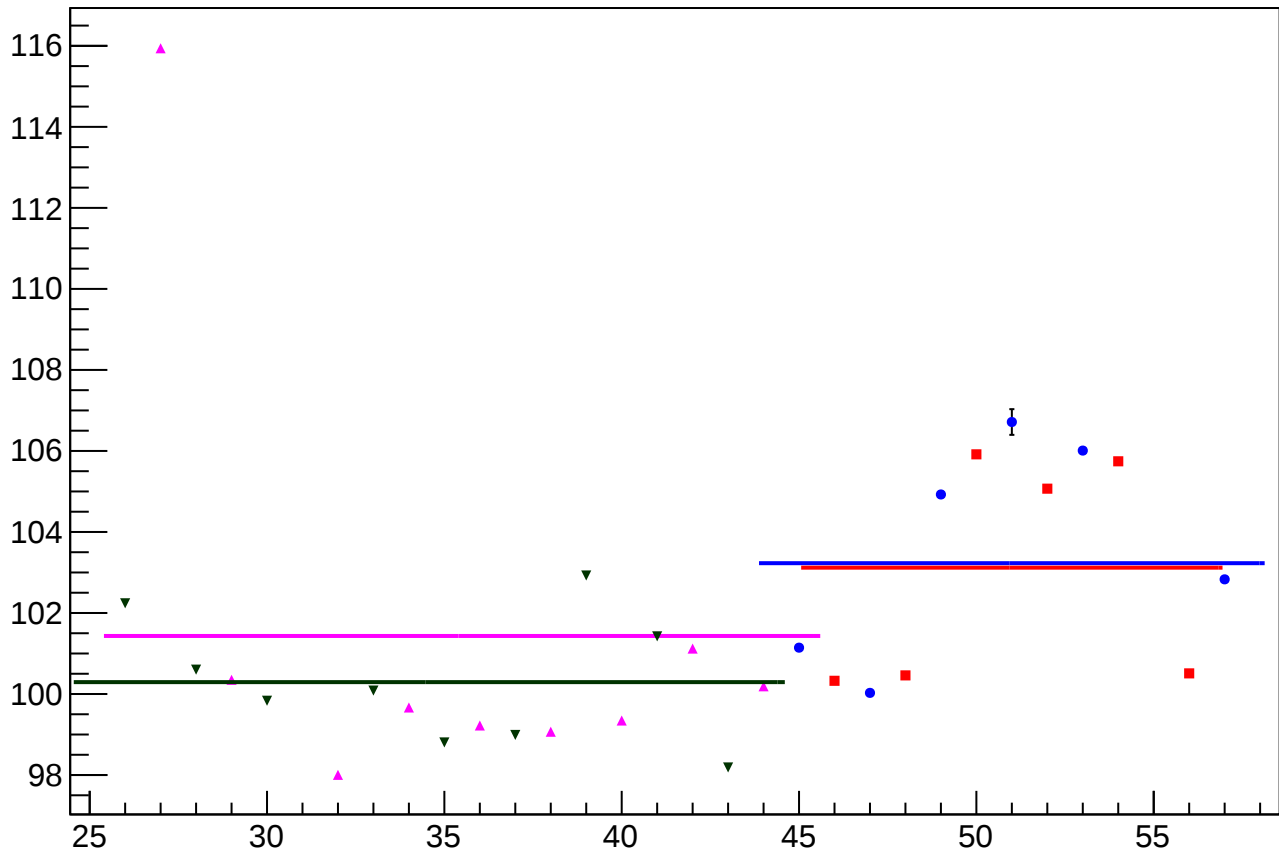
Right Out: -445.062 $\pm$ 59.955 χ^2 /NDF: 2.6/5

Left In: -476.948 $\pm$ 42.742 χ^2 /NDF:12.0/8

510.481 $\pm$ 36.058 χ^2 /NDF: 15.1/14

-466.203 $\pm$ 34.803 χ^2 /NDF: 14.8/14

reg_asym_ds_avg_rms vs slug



Right In: 103.229 ± 0.042 χ^2/NDF : 2721.2/5

Left Out: 100.293 ± 0.032 χ^2/NDF : 1983.2/8

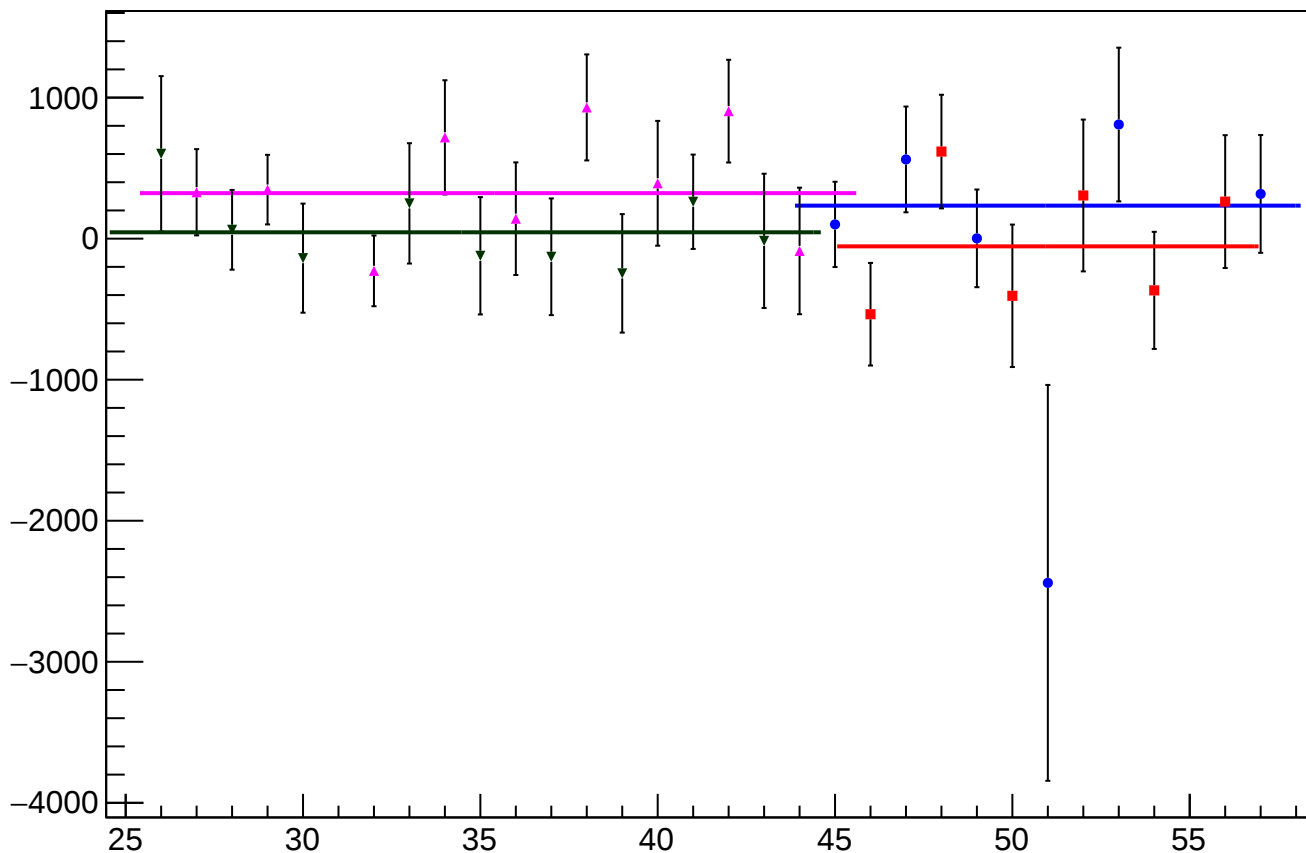
Right Out: 103.119 ± 0.042 χ^2/NDF : 3712.6/5

Left In: 101.433 ± 0.030 χ^2/NDF : 31082.7/8

101.390 ± 0.025 χ^2/NDF : 7807.1/14

102.001 ± 0.025 χ^2/NDF : 35844.4/14

asym_ds_avg_correction_mean vs slug



Right In: 234.042 $\pm$ 166.658 χ^2 /NDF: 6.2/5

Left Out: 45.072 $\pm$ 130.602 χ^2 /NDF: 2.7/8

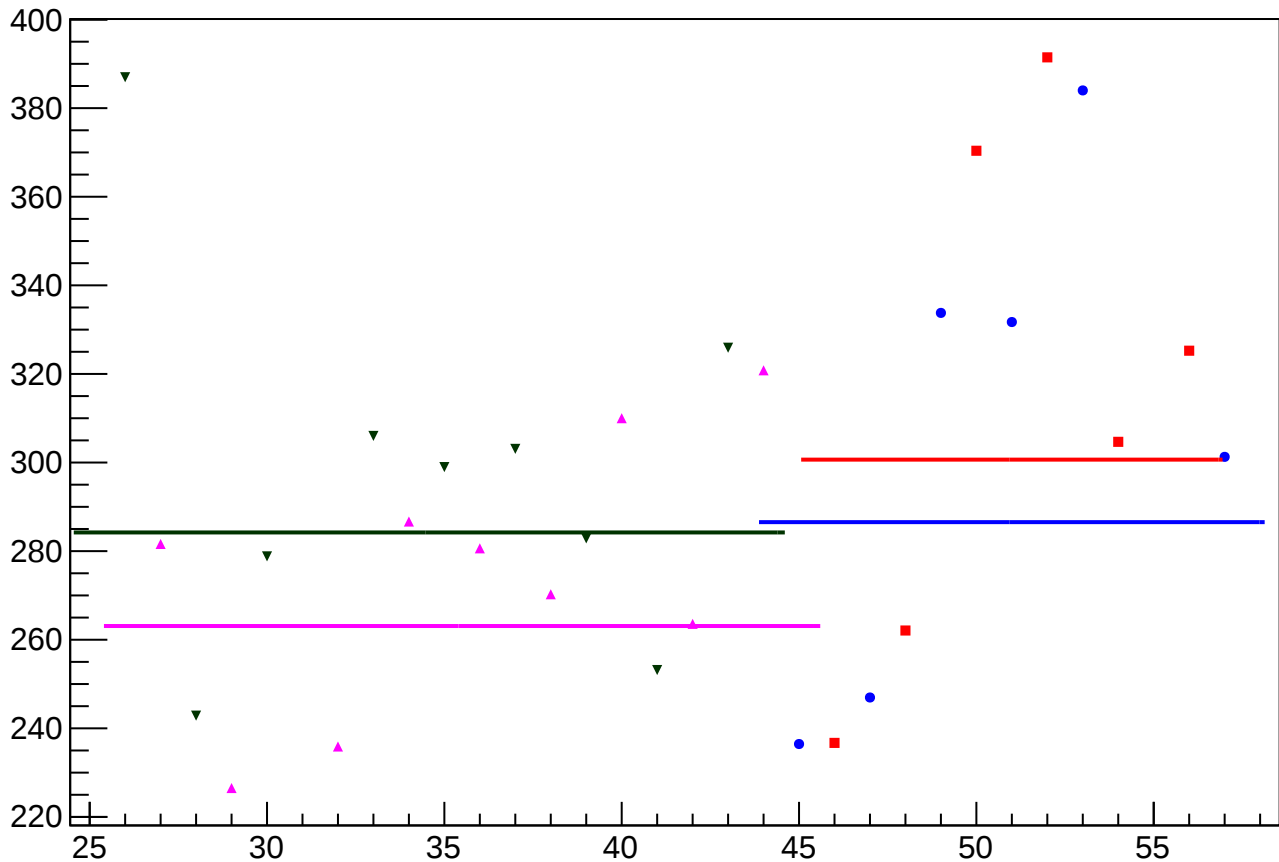
Right Out: -54.705 $\pm$ 178.446 χ^2 /NDF: 6.5/5

Left In: 322.770 $\pm$ 111.748 χ^2 /NDF: 12.0/8

116.968 $\pm$ 102.797 χ^2 /NDF: 9.7/14

216.439 $\pm$ 94.710 χ^2 /NDF: 21.7/14

asym_ds_avg_correction_rms vs slug



Right In: 286.546 ± 0.118 χ^2/NDF : 182933.1/5

Left Out: 284.218 ± 0.092 χ^2/NDF : 157337.5/8

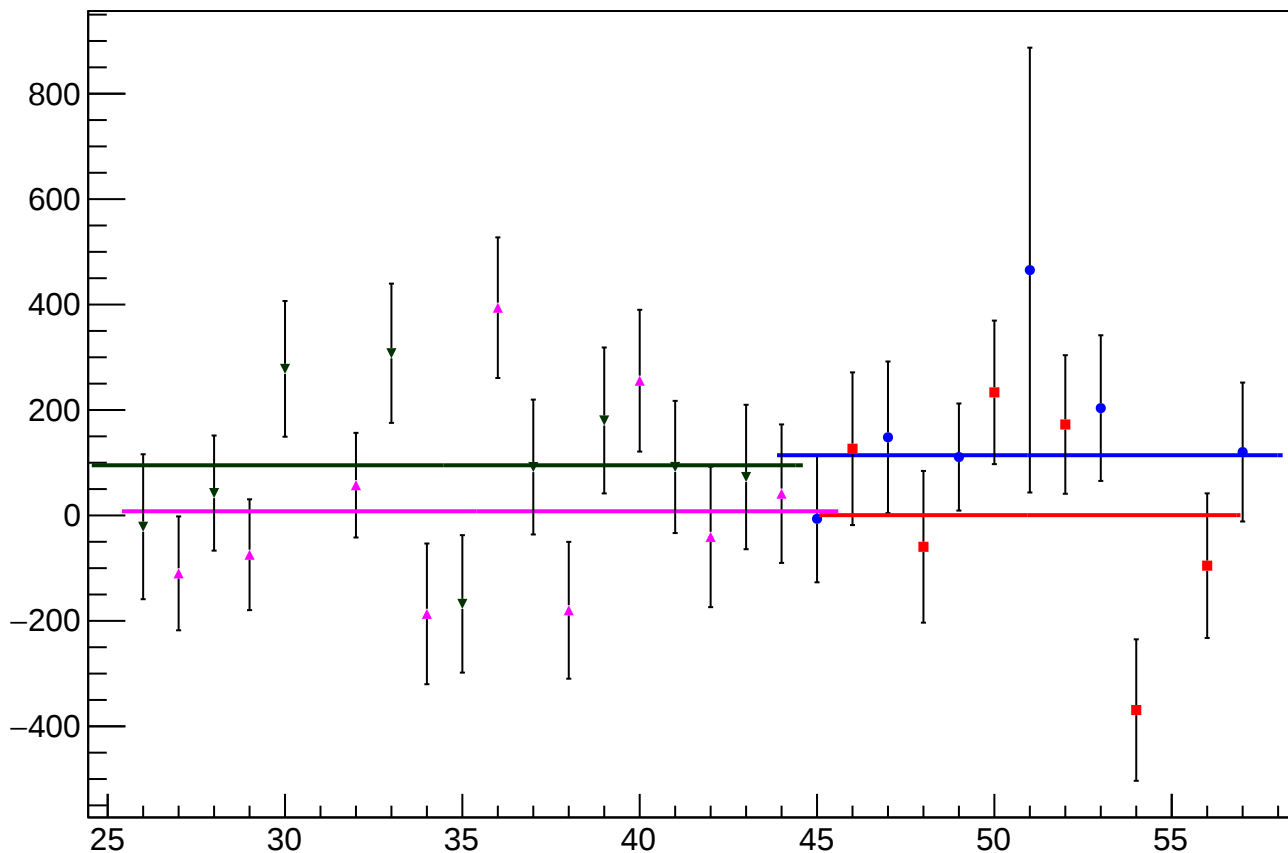
Right Out: 300.656 ± 0.126 χ^2/NDF : 180823.2/5

Left In: 263.097 ± 0.079 χ^2/NDF : 141755.0/8

285.104 ± 0.073 χ^2/NDF : 340512.3/14

273.677 ± 0.067 χ^2/NDF : 386224.5/14

reg_asym_ds_dd_mean vs slug



Right In: 114.204 ± 55.059 $\chi^2/\text{NDF}: 2.2/5$

Left Out: 95.153 ± 42.894 $\chi^2/\text{NDF}: 10.0/8$

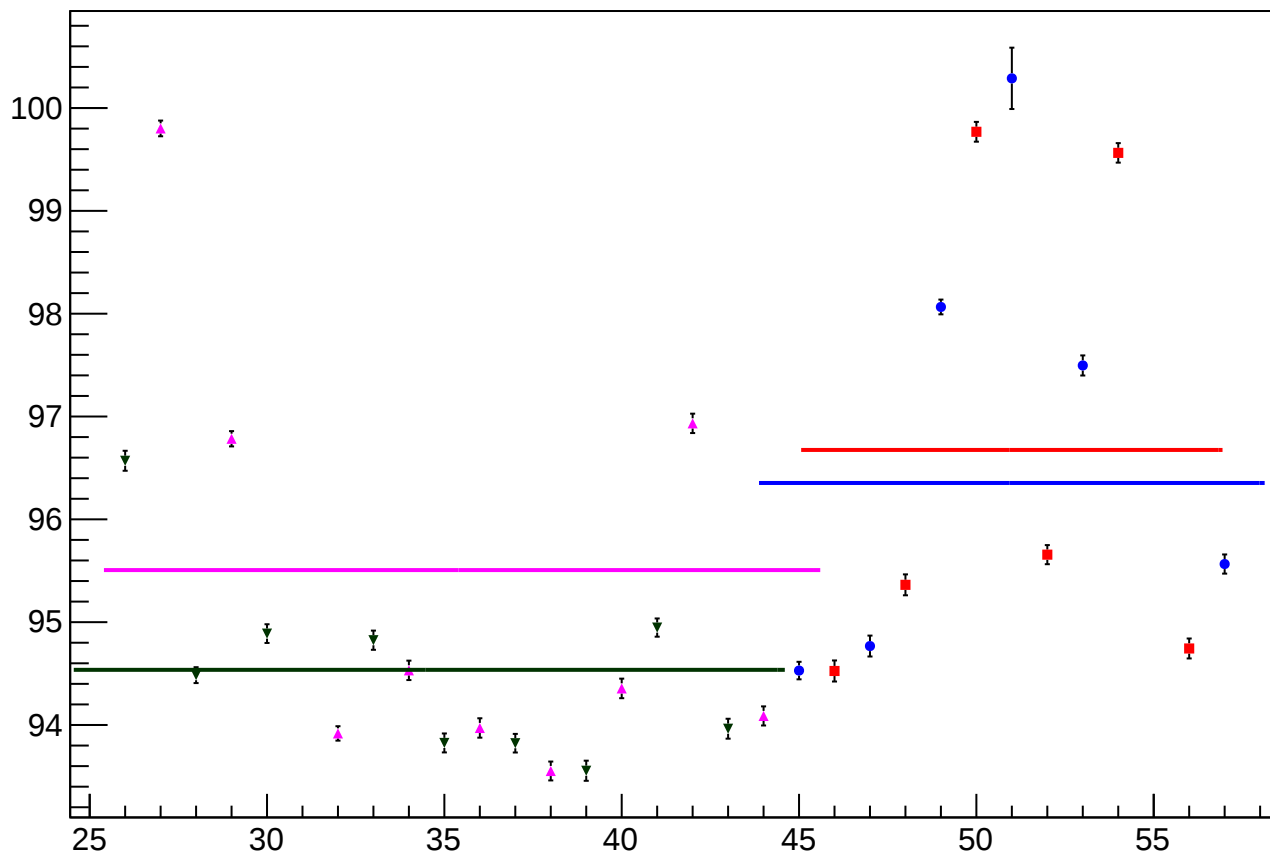
Right Out: 0.543 ± 56.209 $\chi^2/\text{NDF}: 13.7/5$

Left In: 7.892 ± 40.192 $\chi^2/\text{NDF}: 18.2/8$

102.349 ± 33.837 $\chi^2/\text{NDF}: 12.3/14$

5.406 ± 32.694 $\chi^2/\text{NDF}: 31.9/14$

reg_asym_ds_dd_rms vs slug



Right In: 96.354+/-0.039 χ^2 /NDF: 1652.9/5

Left Out: 94.536+/-0.030 χ^2 /NDF: 741.0/8

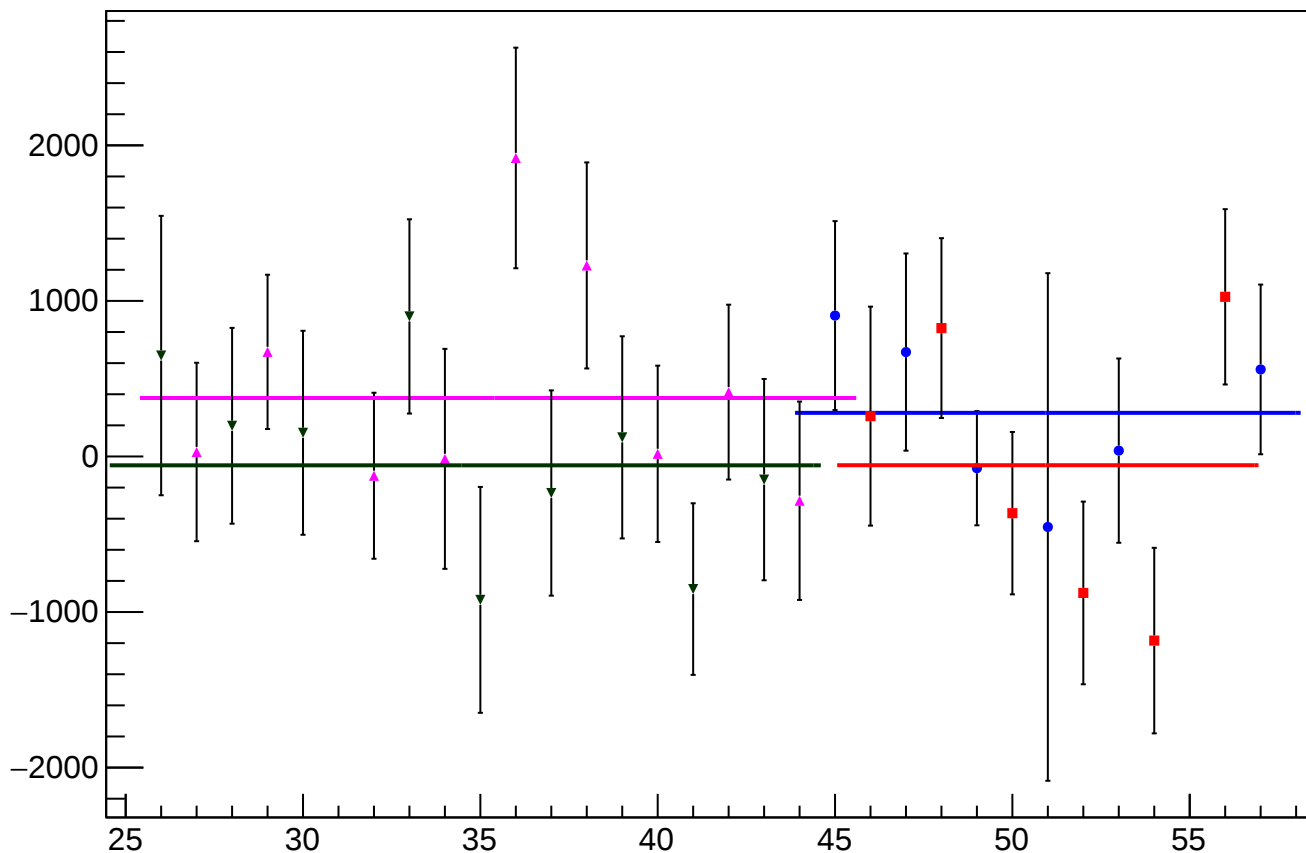
Right Out: 96.675+/-0.040 χ^2 /NDF: 3083.6/5

Left In: 95.507+/-0.028 χ^2 /NDF: 5405.6/8

95.223+/-0.024 χ^2 /NDF: 3749.9/14

95.902+/-0.023 χ^2 /NDF: 9061.0/14

asym_ds_dd_correction_mean vs slug



Right In: 280.442 ± 228.183 χ^2/NDF : 3.0/5

Left Out: -56.903 ± 218.768 χ^2/NDF : 6.9/8

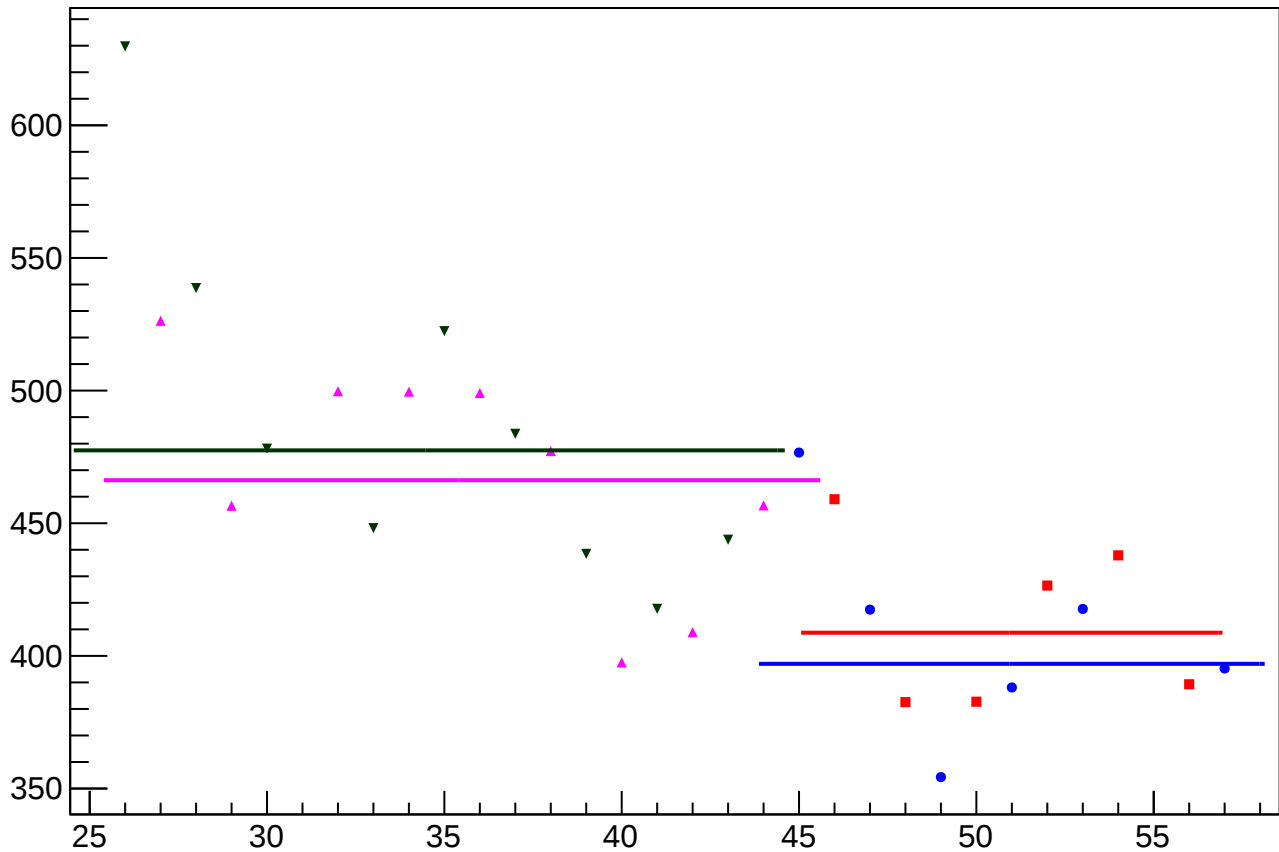
Right Out: -56.187 ± 238.755 χ^2/NDF : 12.1/5

Left In: 376.012 ± 197.531 χ^2/NDF : 9.8/8

104.666 ± 157.916 χ^2/NDF : 11.1/14

200.388 ± 152.196 χ^2/NDF : 23.8/14

asym_ds_dd_correction_rms vs slug



Right In: 397.004 $\pm$ 0.161 χ^2 /NDF: 66044.5/5

Left Out: 477.470 $\pm$ 0.155 χ^2 /NDF:124730.4/8

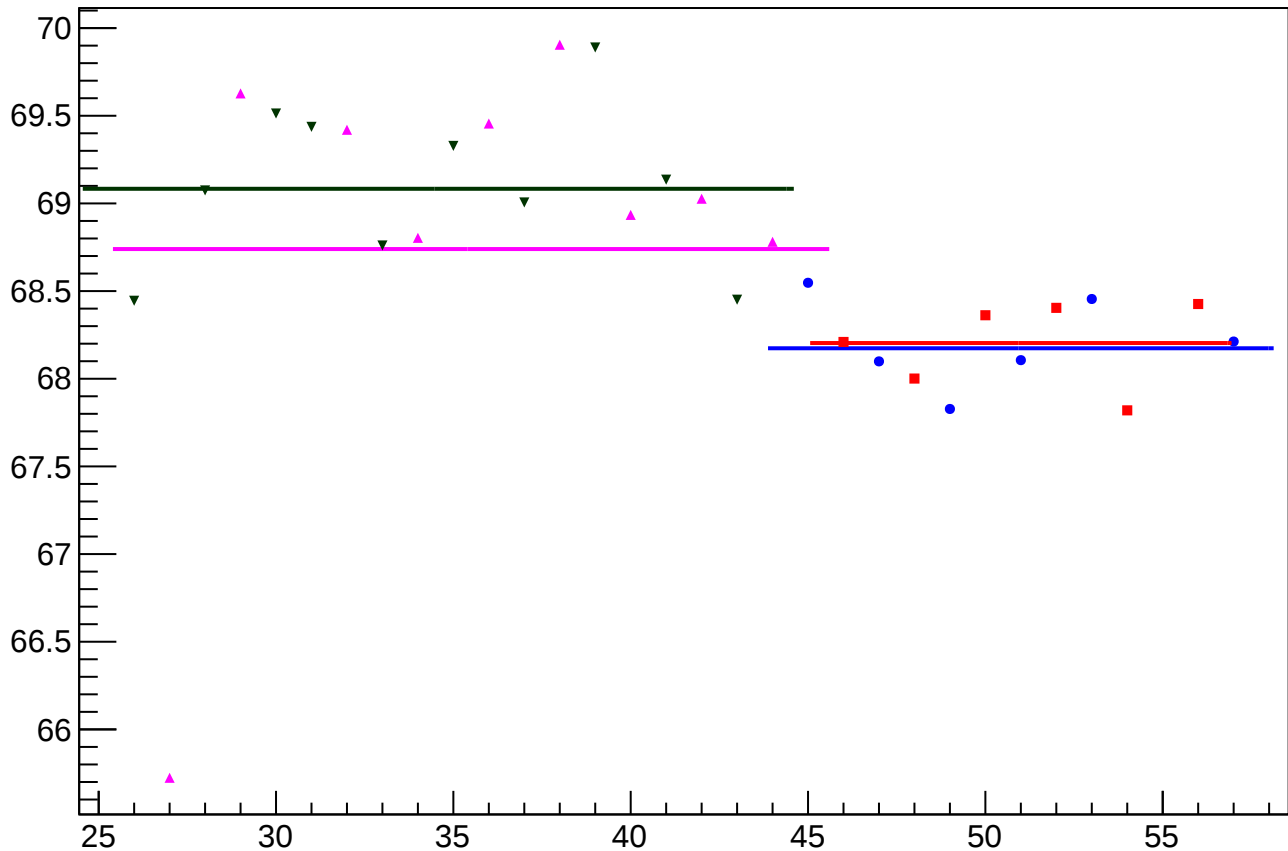
Right Out: 408.747 $\pm$ 0.169 χ^2 /NDF: 28264.4/5

Left In: 466.224 $\pm$ 0.140 χ^2 /NDF:90489.0/8

438.932 $\pm$ 0.112 χ^2 /NDF: 320366.0/14

442.868 $\pm$ 0.108 χ^2 /NDF: 187562.1/14

yield_bcm_an_ds_mean vs slug



Right In: 68.174 $\pm$ 0.000 χ^2 /NDF: 5700013.1/5

Left Out: 69.083 $\pm$ 0.000 χ^2 /NDF: 27004165.7/9

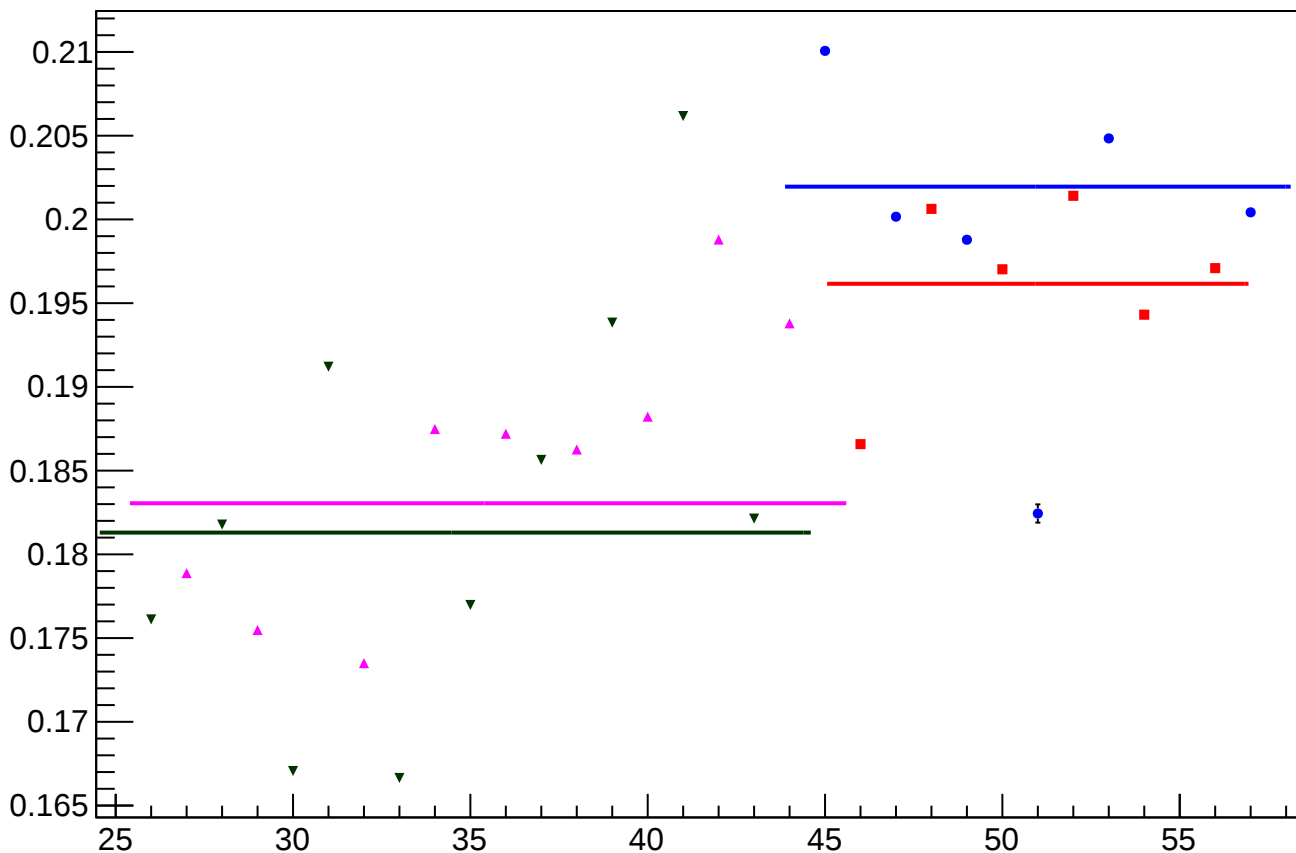
Right Out: 68.204 $\pm$ 0.000 χ^2 /NDF: 3932324.2/5

Left In: 68.740 $\pm$ 0.000 χ^2 /NDF: 294554075.3/8

68.786 $\pm$ 0.000 χ^2 /NDF: 73818459.2/15

68.571 $\pm$ 0.000 χ^2 /NDF: 313136670.2/14

yield_bcm_an_ds_rms vs slug



Right In: 0.202 $\pm$ 0.000 χ^2 /NDF: 3875.4/5

Left Out: 0.181 $\pm$ 0.000 χ^2 /NDF:38931.4/9

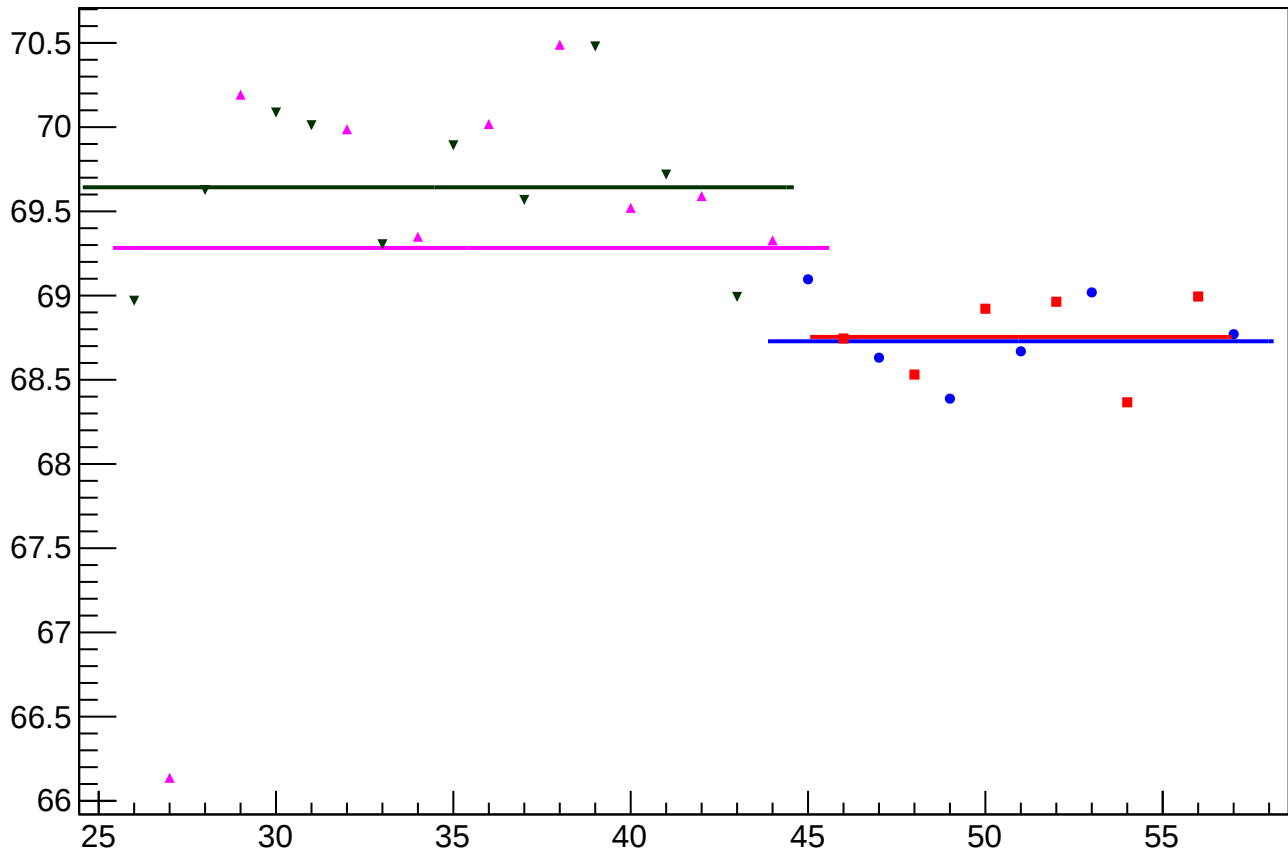
Right Out: 0.196 $\pm$ 0.000 χ^2 /NDF: 3397.0/5

Left In: 0.183 $\pm$ 0.000 χ^2 /NDF:20520.7/8

0.188 $\pm$ 0.000 χ^2 /NDF: 85209.5/15

0.187 $\pm$ 0.000 χ^2 /NDF: 41435.1/14

yield_bcm_an_ds3_mean vs slug



Right In: 68.729 $\pm$ 0.000 χ^2 /NDF: 5400533.4/5

Left Out: 69.643 $\pm$ 0.000 χ^2 /NDF: 27921804.9/9

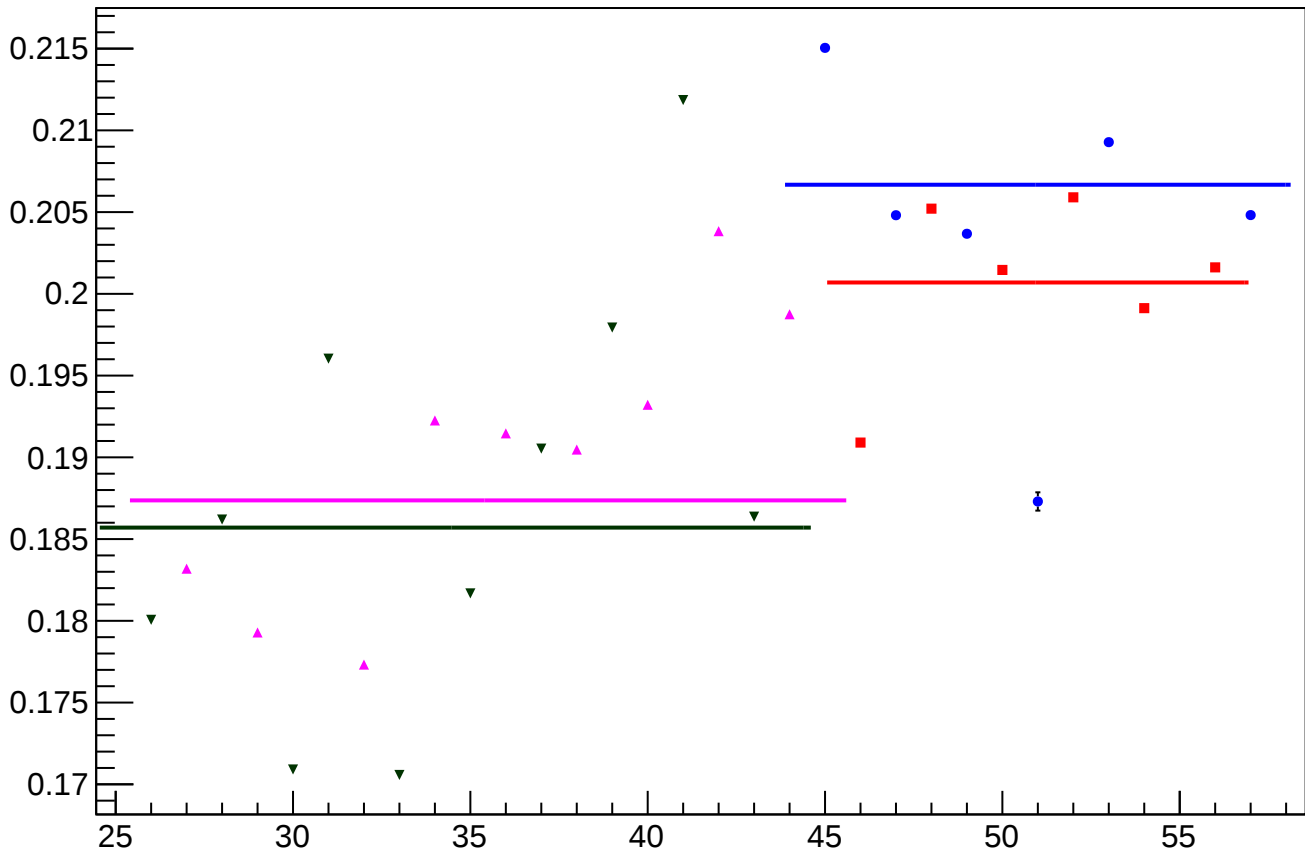
Right Out: 68.755 $\pm$ 0.000 χ^2 /NDF: 4055144.6/5

Left In: 69.283 $\pm$ 0.000 χ^2 /NDF: 304584553.9/8

69.344 $\pm$ 0.000 χ^2 /NDF: 72950801.5/15

69.117 $\pm$ 0.000 χ^2 /NDF: 322236406.8/14

yield_bcm_an_ds3_rms vs slug



Right In: 0.207 $\pm$ 0.000 χ^2 /NDF: 3738.4/5

Left Out: 0.186 $\pm$ 0.000 χ^2 /NDF:39898.3/9

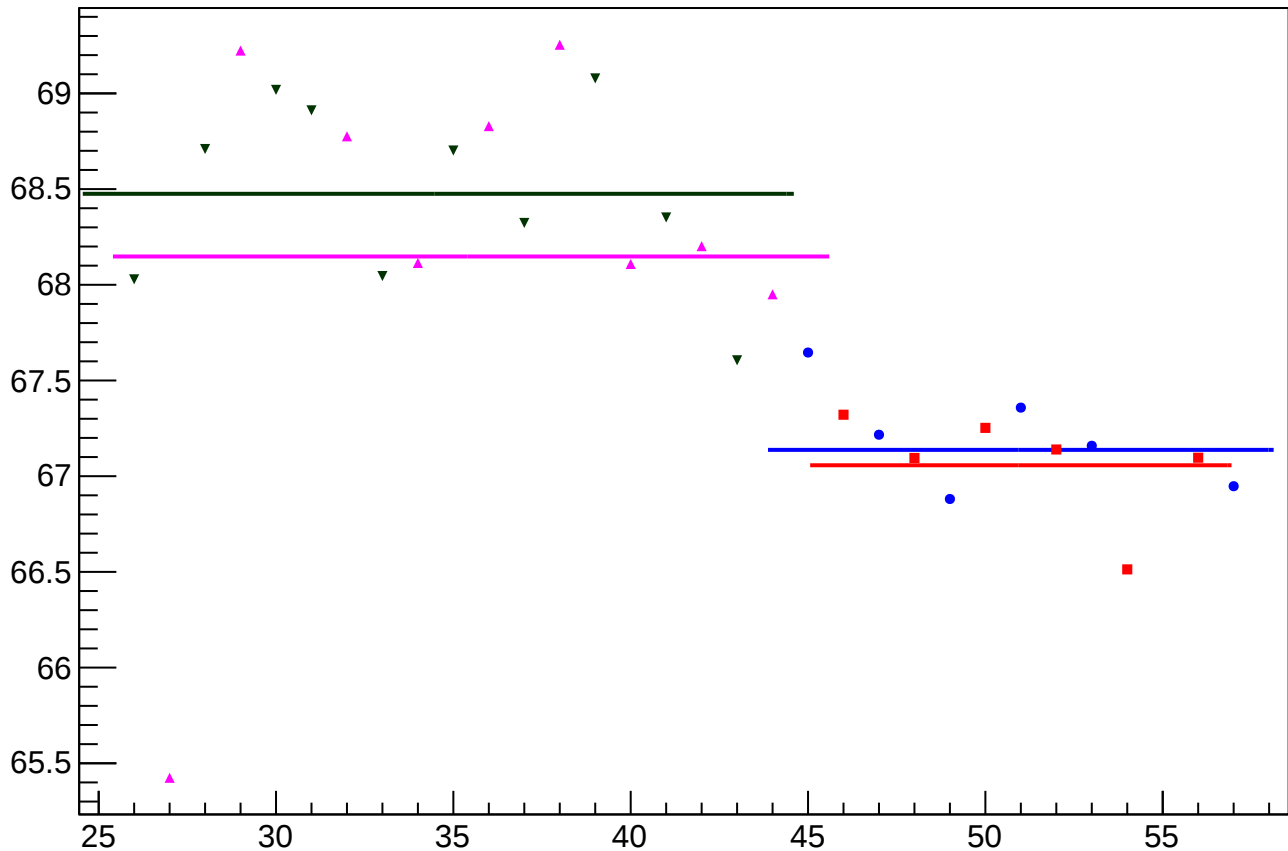
0.193 $\pm$ 0.000 χ^2 /NDF: 85341.8/15

Right Out: 0.201 $\pm$ 0.000 χ^2 /NDF: 3305.8/5

0.192 $\pm$ 0.000 χ^2 /NDF: 42307.3/14

Left In: 0.187 $\pm$ 0.000 χ^2 /NDF:21703.3/8

yield_bcm_an_us_mean vs slug



Right In: 67.138+/-0.000 χ^2/NDF : 5875468.8/5

Left Out: 68.475+/-0.000 χ^2/NDF : 31409059.3/9

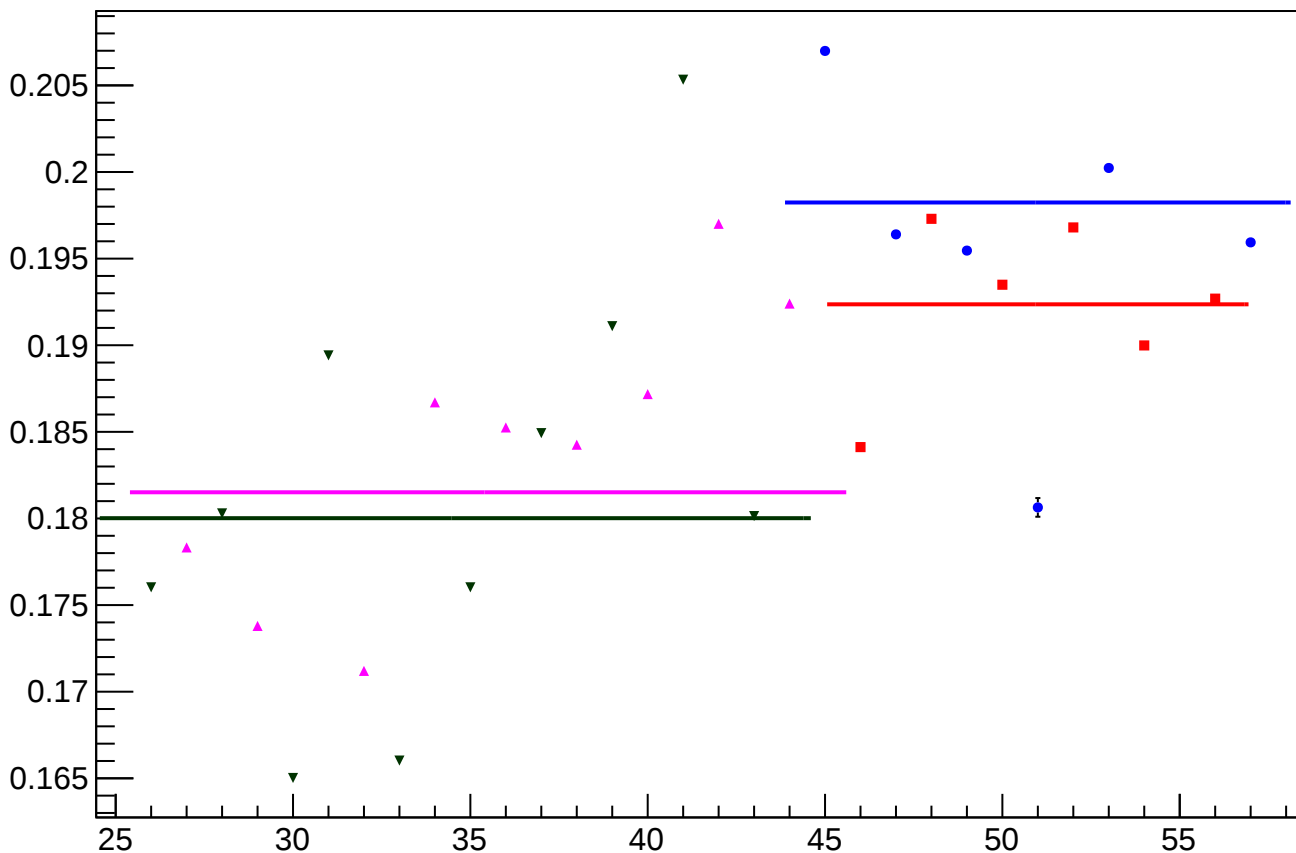
Right Out: 67.057+/-0.000 χ^2/NDF : 5799531.1/5

Left In: 68.148+/-0.000 χ^2/NDF : 258142323.5/8

68.031+/-0.000 χ^2/NDF : 128815917.9/15

67.799+/-0.000 χ^2/NDF : 326574968.6/14

yield_bcm_an_us_rms vs slug



Right In: 0.198 $\pm$ 0.000 χ^2 /NDF: 3911.4/5

Left Out: 0.180 $\pm$ 0.000 χ^2 /NDF:38903.0/9

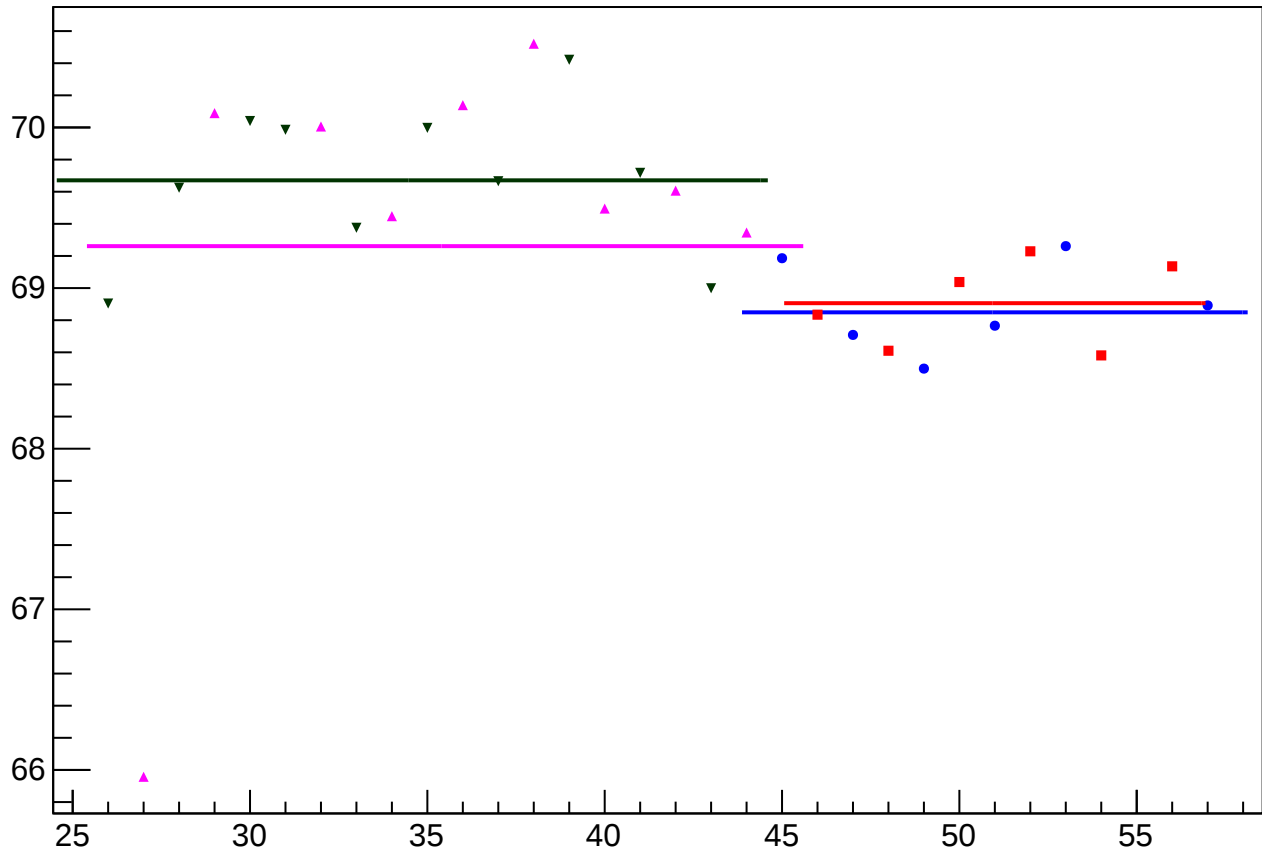
0.186 $\pm$ 0.000 χ^2 /NDF: 76782.6/15

Right Out: 0.192 $\pm$ 0.000 χ^2 /NDF: 2882.5/5

0.185 $\pm$ 0.000 χ^2 /NDF: 36895.7/14

Left In: 0.182 $\pm$ 0.000 χ^2 /NDF:21618.7/8

yield_bcm_dg_us_mean vs slug



Right In: 68.849+/-0.000 χ^2/NDF : 5810010.0/5

Left Out: 69.671+/-0.000 χ^2/NDF : 26242172.7/9

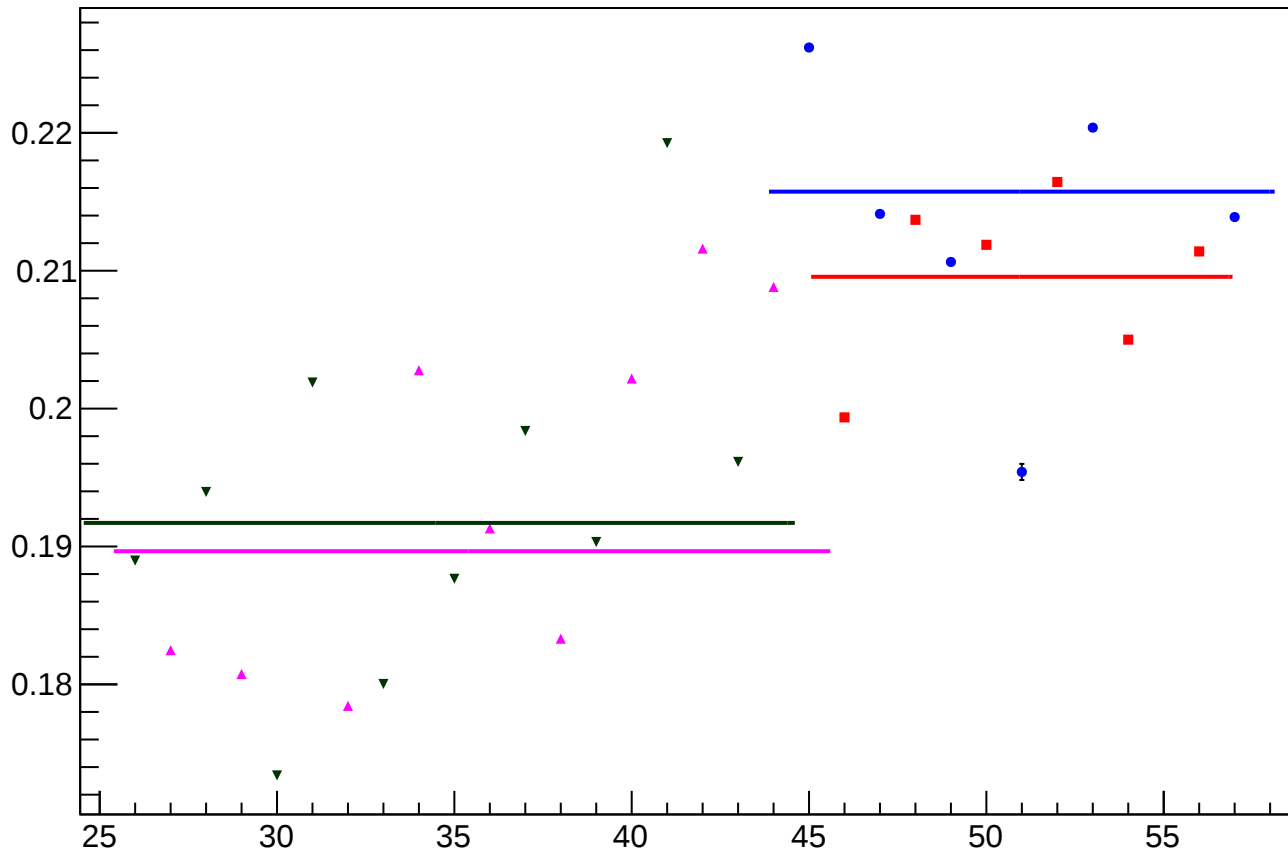
Right Out: 68.906+/-0.000 χ^2/NDF : 4092554.6/5

Left In: 69.261+/-0.000 χ^2/NDF : 334102481.9/8

69.406+/-0.000 χ^2/NDF : 61664828.3/15

69.154+/-0.000 χ^2/NDF : 343926785.5/14

yield_bcm_dg_us_rms vs slug



Right In: 0.216 $\pm$ 0.000 χ^2 /NDF: 5432.3/5

Left Out: 0.192 $\pm$ 0.000 χ^2 /NDF: 37598.0/9

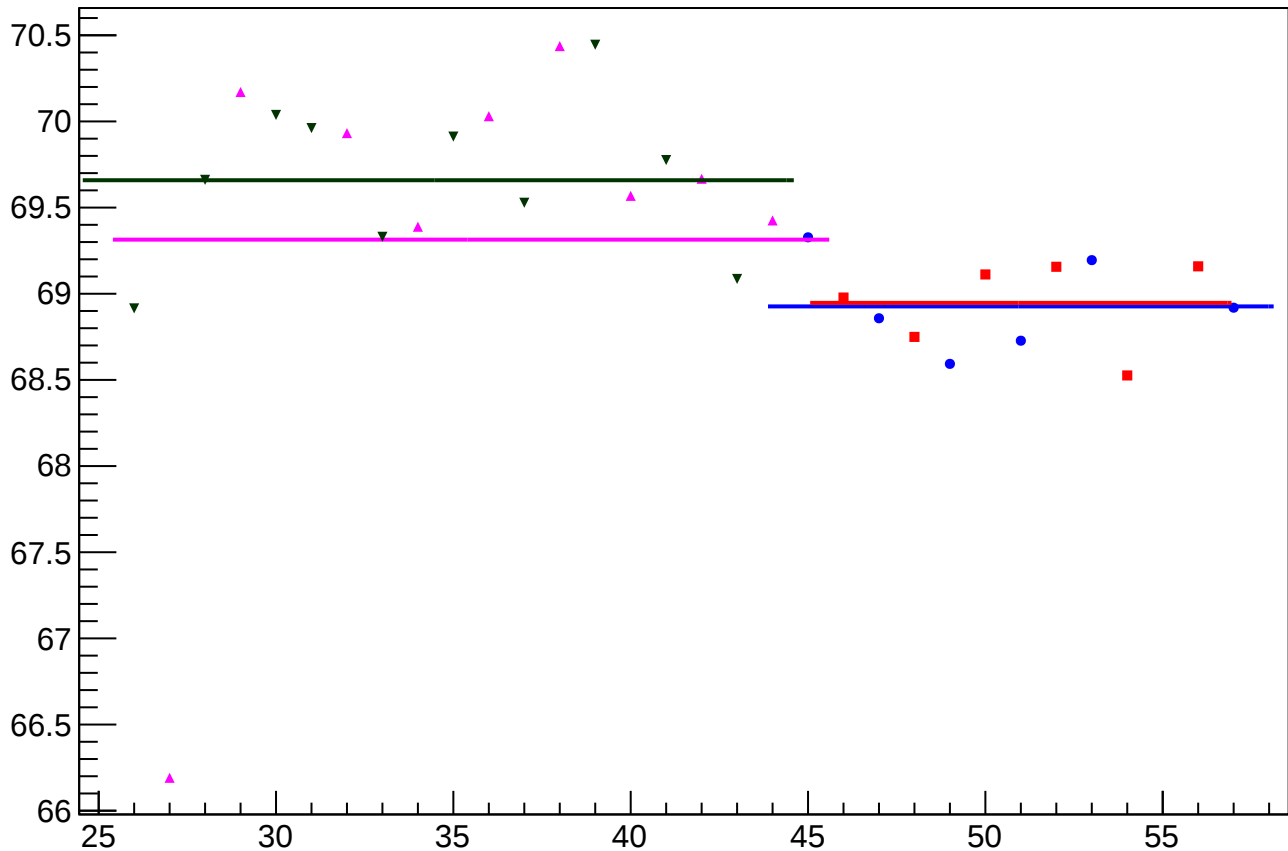
Right Out: 0.210 $\pm$ 0.000 χ^2 /NDF: 4199.7/5

Left In: 0.190 $\pm$ 0.000 χ^2 /NDF: 41564.7/8

0.199 $\pm$ 0.000 χ^2 /NDF: 93645.6/15

0.196 $\pm$ 0.000 χ^2 /NDF: 81776.2/14

yield_bcm_dg_ds_mean vs slug



Right In: 68.926+/-0.000 χ^2/NDF : 5312880.3/5

Left Out: 69.659+/-0.000 χ^2/NDF :25938166.8/9

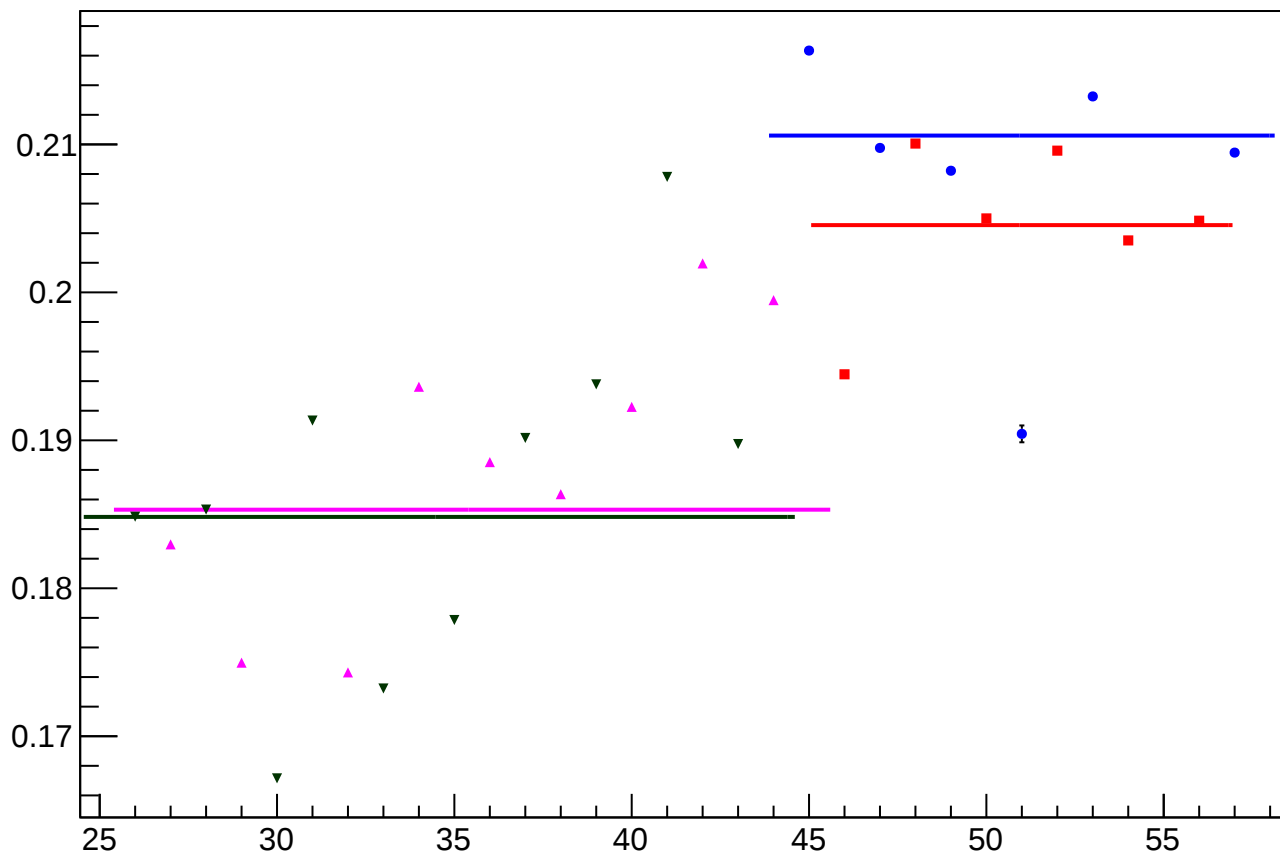
Right Out: 68.947+/-0.000 χ^2/NDF : 3991873.4/5

Left In: 69.314+/-0.000 χ^2/NDF :295105046.6/8

69.427+/-0.000 χ^2/NDF : 56126316.0/15

69.203+/-0.000 χ^2/NDF : 305521728.3/14

yield_bcm_dg_ds_rms vs slug



Right In: 0.211+/-0.000 χ^2/NDF : 2544.4/5

Left Out: 0.185+/-0.000 χ^2/NDF : 35228.3/9

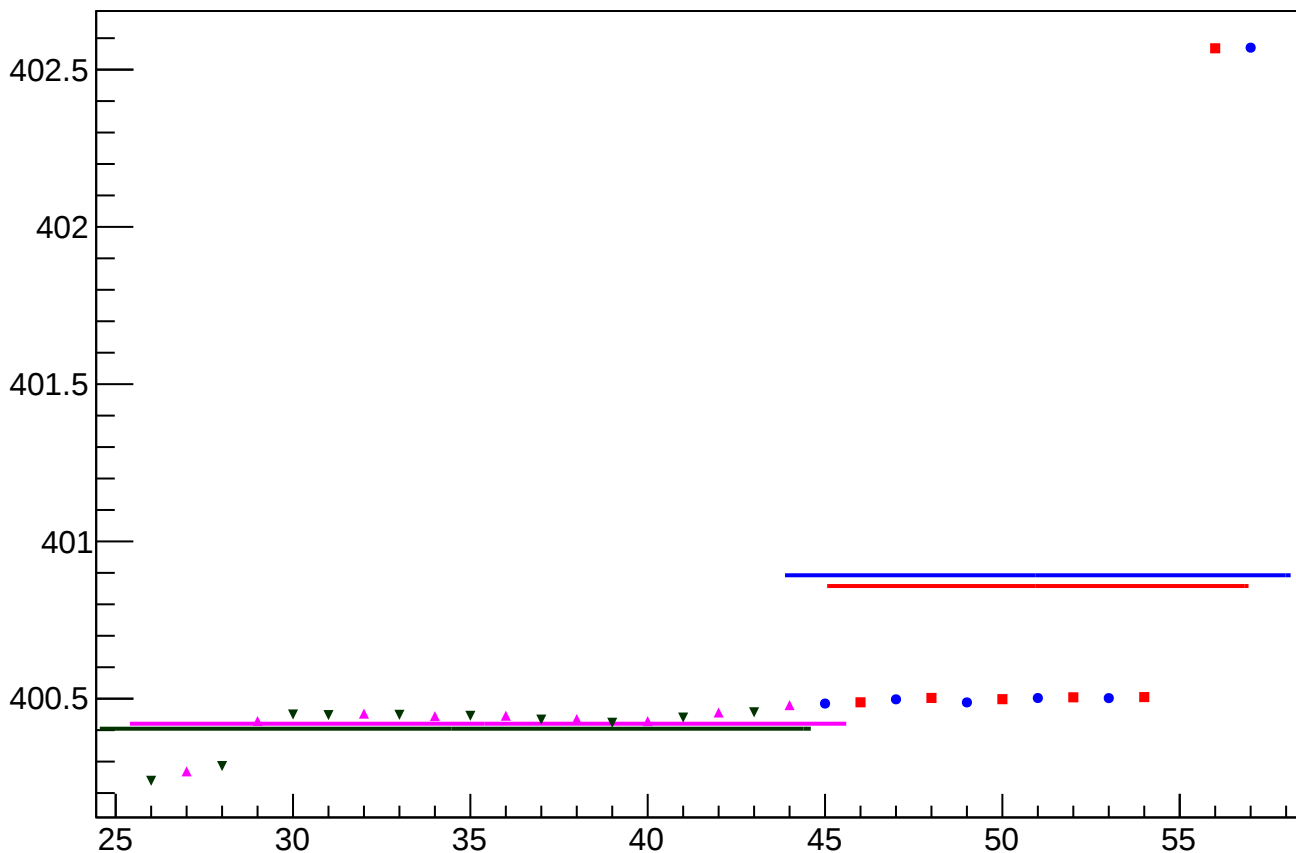
Right Out: 0.205+/-0.000 χ^2/NDF : 3395.1/5

Left In: 0.185+/-0.000 χ^2/NDF : 27999.5/8

0.193+/-0.000 χ^2/NDF : 99413.1/15

0.191+/-0.000 χ^2/NDF : 66714.5/14

yield_cav4bQ_mean vs slug



Right In: 400.892+/-0.000 χ^2/NDF : 47922947226.0/5

Left Out: 400.405+/-0.000 χ^2/NDF : 612909021.6/9

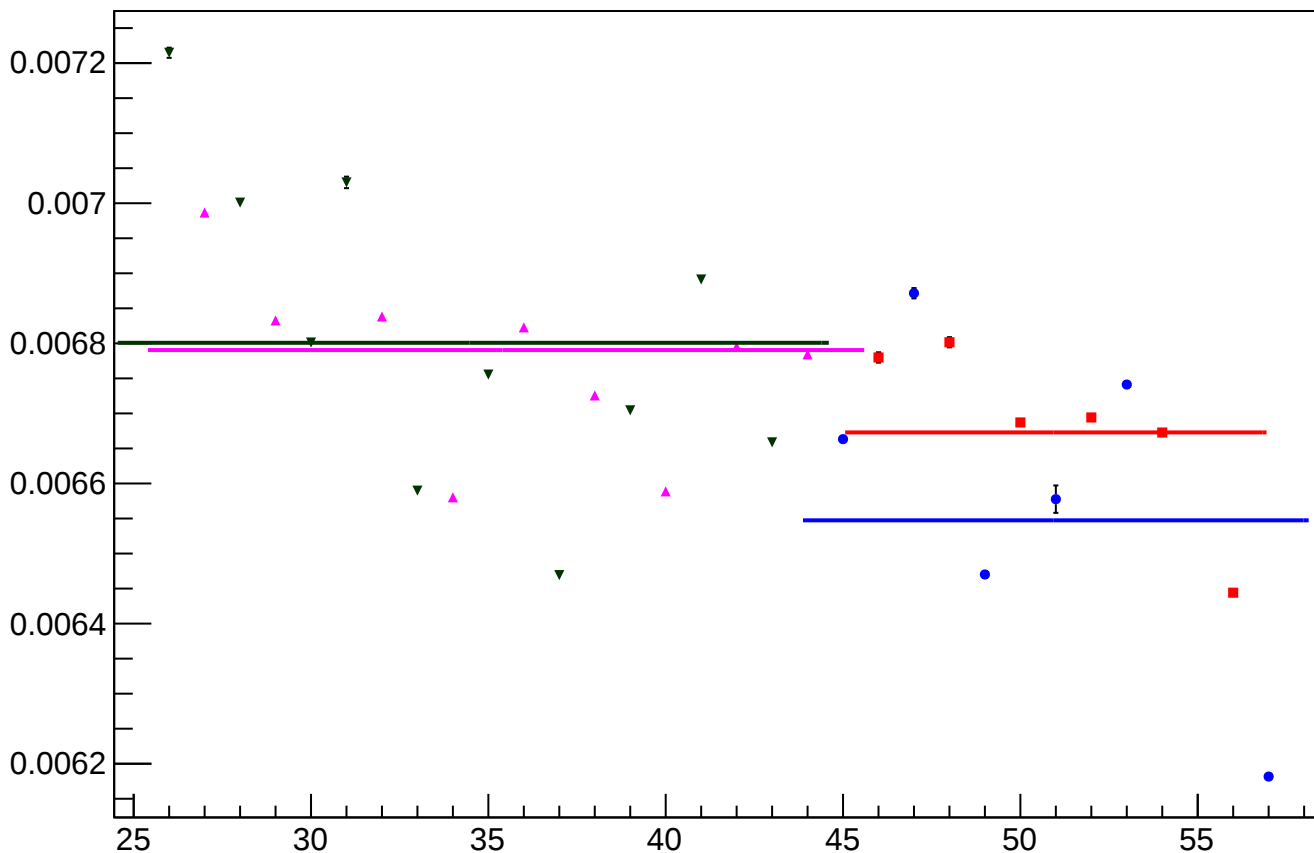
Right Out: 400.858+/-0.000 χ^2/NDF : 40617199875.6/5

Left In: 400.420+/-0.000 χ^2/NDF : 493855654.6/8

400.594+/-0.000 χ^2/NDF : 58928665631.8/15

400.574+/-0.000 χ^2/NDF : 49359221355.7/14

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 7072.0/5

Left Out: 0.007+/-0.000 χ^2/NDF : 9984.5/9

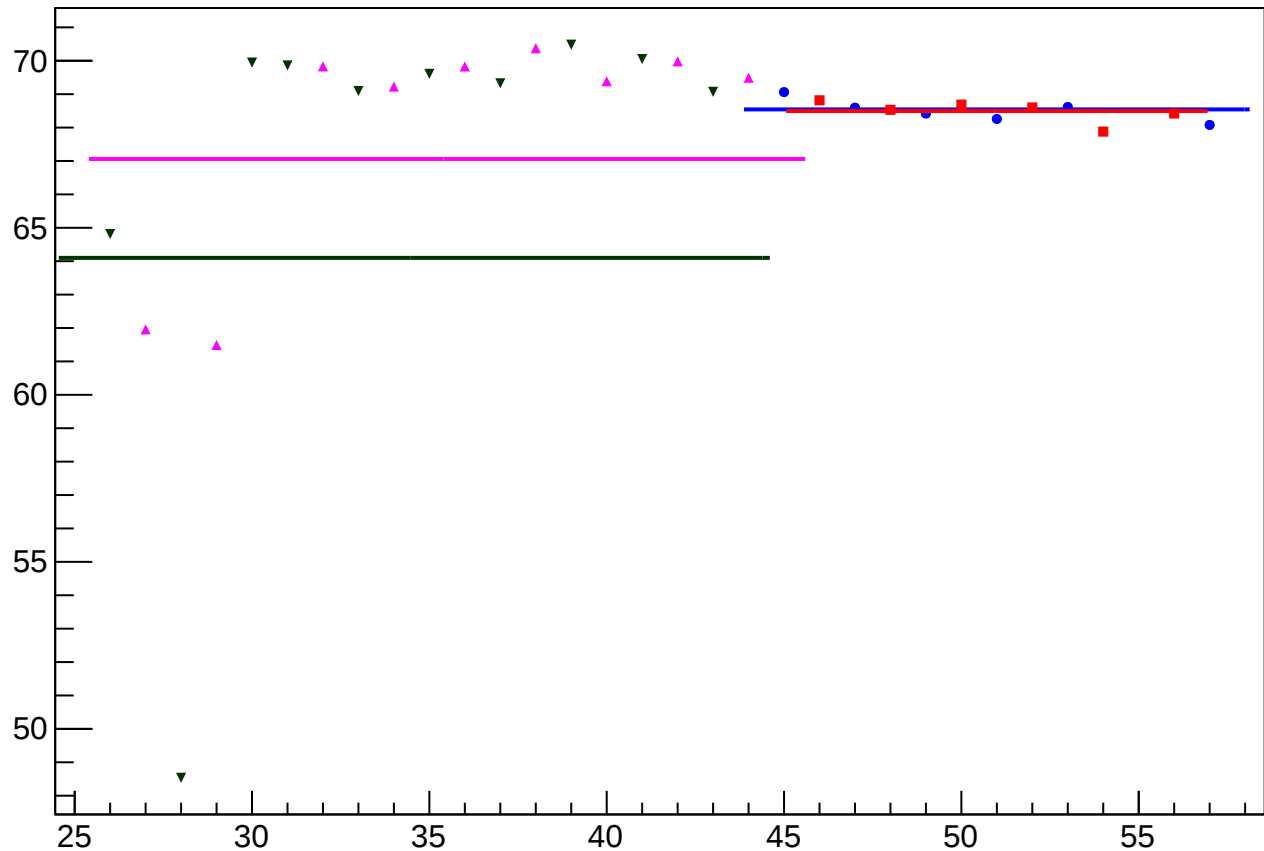
Right Out: 0.007+/-0.000 χ^2/NDF : 1743.6/5

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

0.007+/-0.000 χ^2/NDF : 22665.9/15

0.007+/-0.000 χ^2/NDF : 6502.0/14

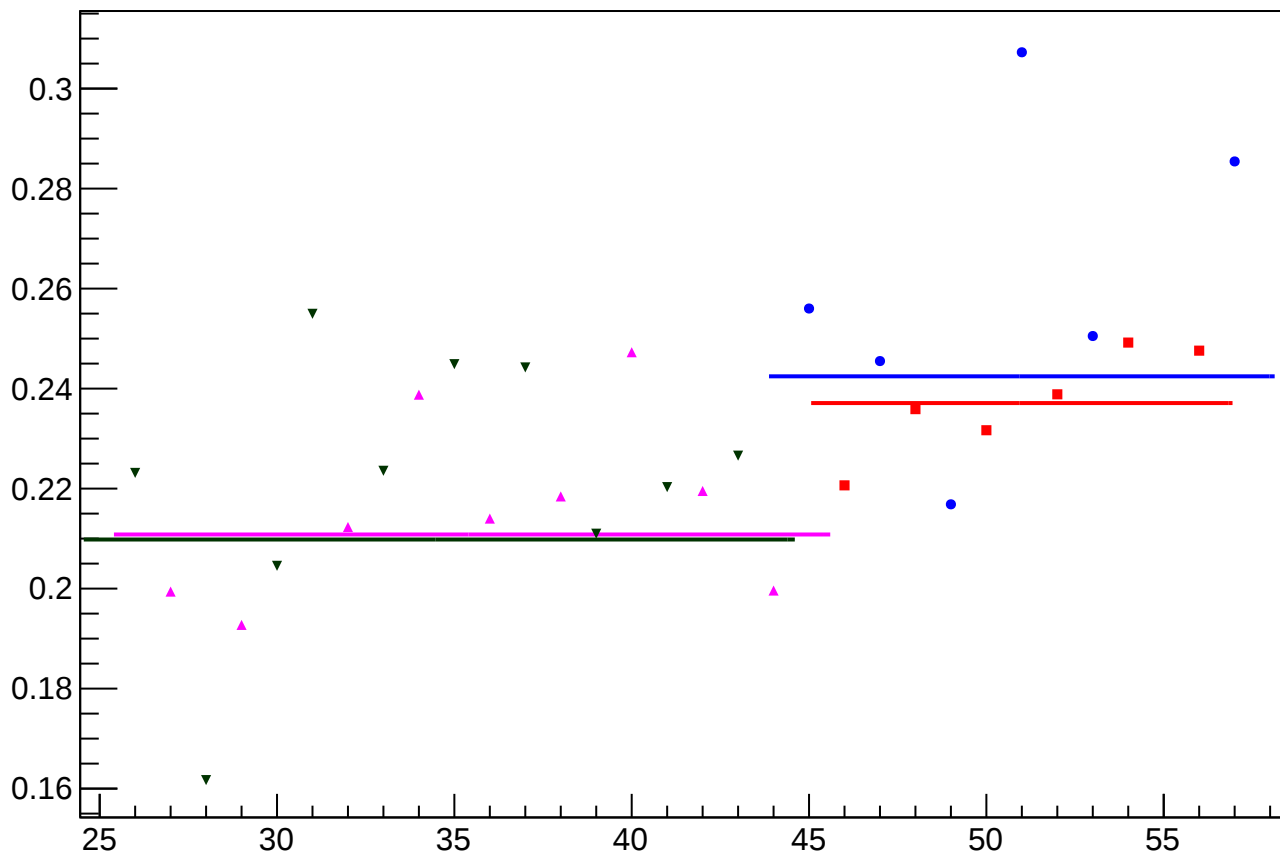
yield_cav4cQ_mean vs slug



Right In: 68.544+/-0.000 χ^2/NDF : 4038072.8/5
 Left Out: 64.100+/-0.000 χ^2/NDF : 8515869637.9/9
 Right Out: 68.494+/-0.000 χ^2/NDF : 4446365.8/5
 Left In: 67.060+/-0.000 χ^2/NDF : 1652976727.1/8

65.500+/-0.000 χ^2/NDF : 9176461483.0/15
 67.490+/-0.000 χ^2/NDF : 1727691429.1/14

yield_cav4cQ_rms vs slug



Right In: 0.242 $\pm$ 0.000 χ^2 /NDF: 56856.2/5

Left Out: 0.210 $\pm$ 0.000 χ^2 /NDF:194381.5/9

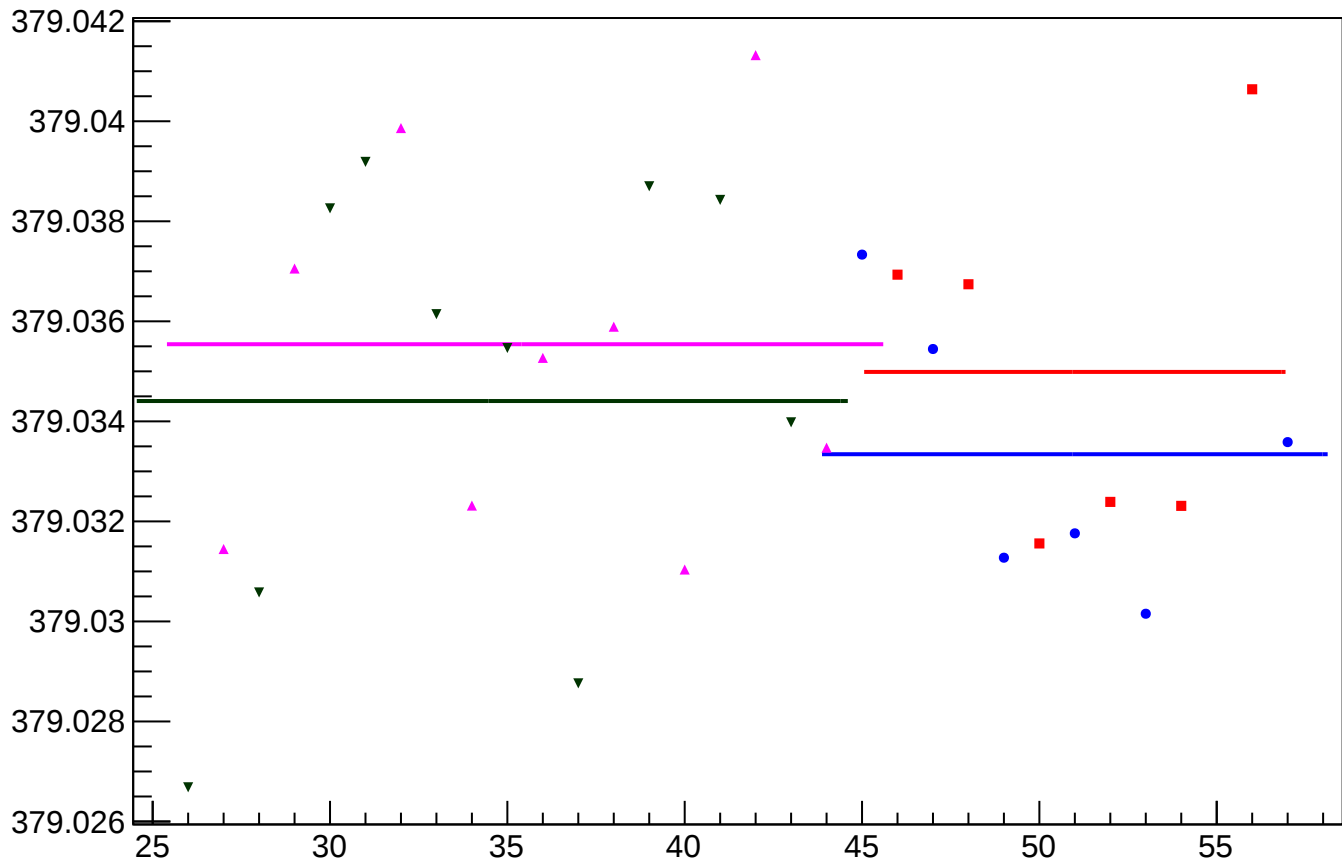
Right Out: 0.237 $\pm$ 0.000 χ^2 /NDF: 8996.7/5

Left In: 0.211 $\pm$ 0.000 χ^2 /NDF:55422.0/8

0.220 $\pm$ 0.000 χ^2 /NDF: 322052.9/15

0.219 $\pm$ 0.000 χ^2 /NDF: 111631.9/14

yield_cav4dQ_mean vs slug



Right In: 379.033 $\pm$ 0.000 χ^2 /NDF: 438715.9/5

Left Out: 379.034 $\pm$ 0.000 χ^2 /NDF:1980422.2/9

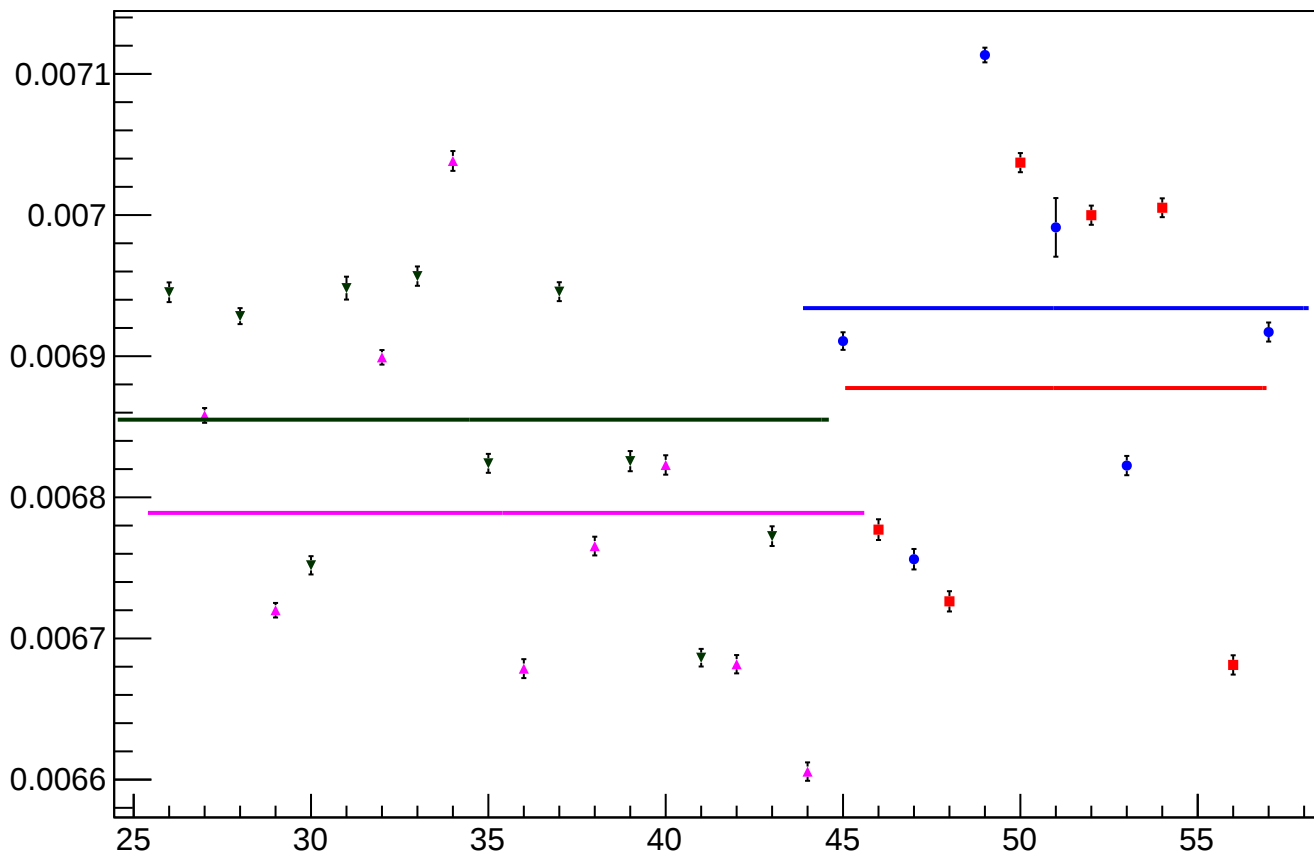
Right Out: 379.035 $\pm$ 0.000 χ^2 /NDF: 687303.7/5

Left In: 379.036 $\pm$ 0.000 χ^2 /NDF:1469093.4/8

379.034 $\pm$ 0.000 χ^2 /NDF: 2464919.0/15

379.035 $\pm$ 0.000 χ^2 /NDF: 2169095.9/14

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2081.7/5

Left Out: 0.007+/-0.000 χ^2/NDF :2032.2/9

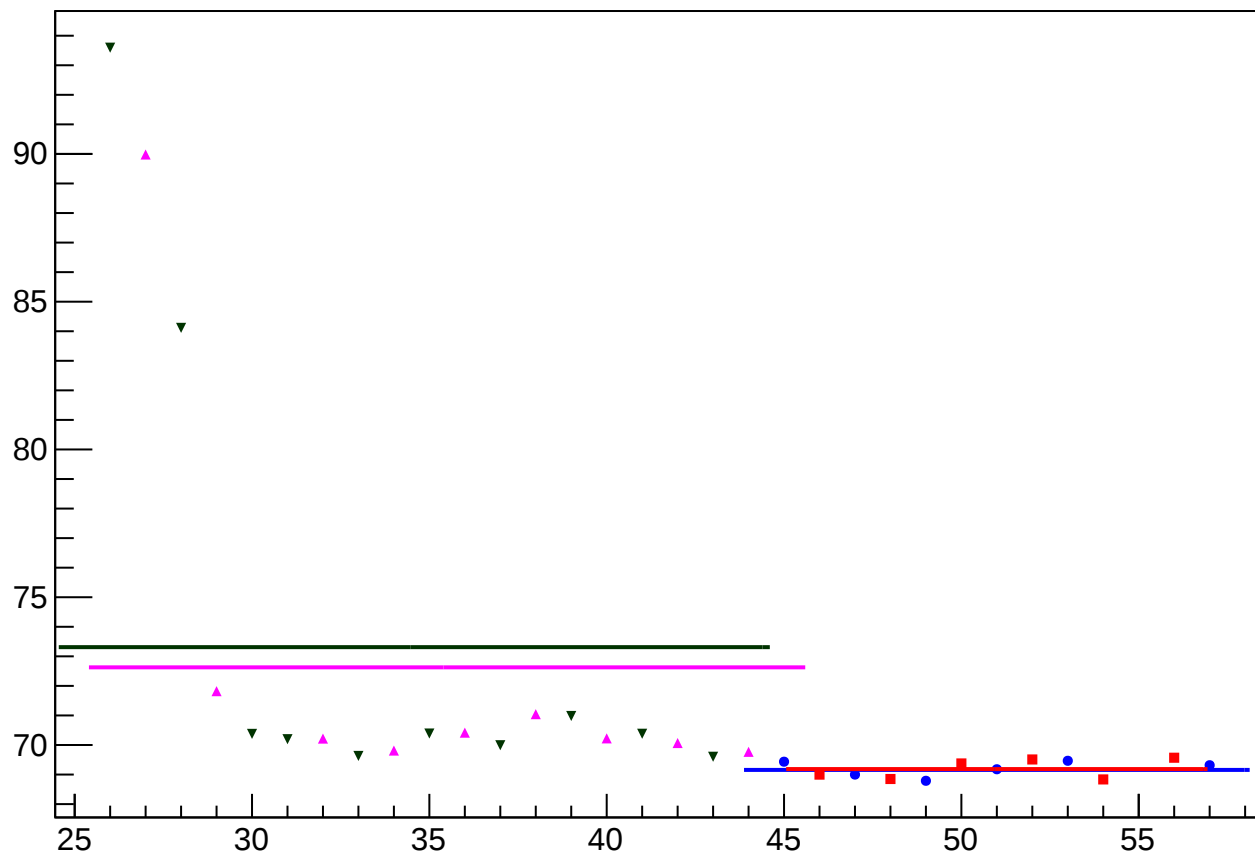
Right Out: 0.007+/-0.000 χ^2/NDF : 2696.9/5

Left In: 0.007+/-0.000 χ^2/NDF :3439.6/8

0.007+/-0.000 χ^2/NDF : 4619.6/15

0.007+/-0.000 χ^2/NDF : 6784.9/14

yield_bcm0l02_mean vs slug



Right In: 69.157+/-0.000 χ^2/NDF : 3122307.9/5

Left Out: 73.311+/-0.000 χ^2/NDF : 3714317508.5/9

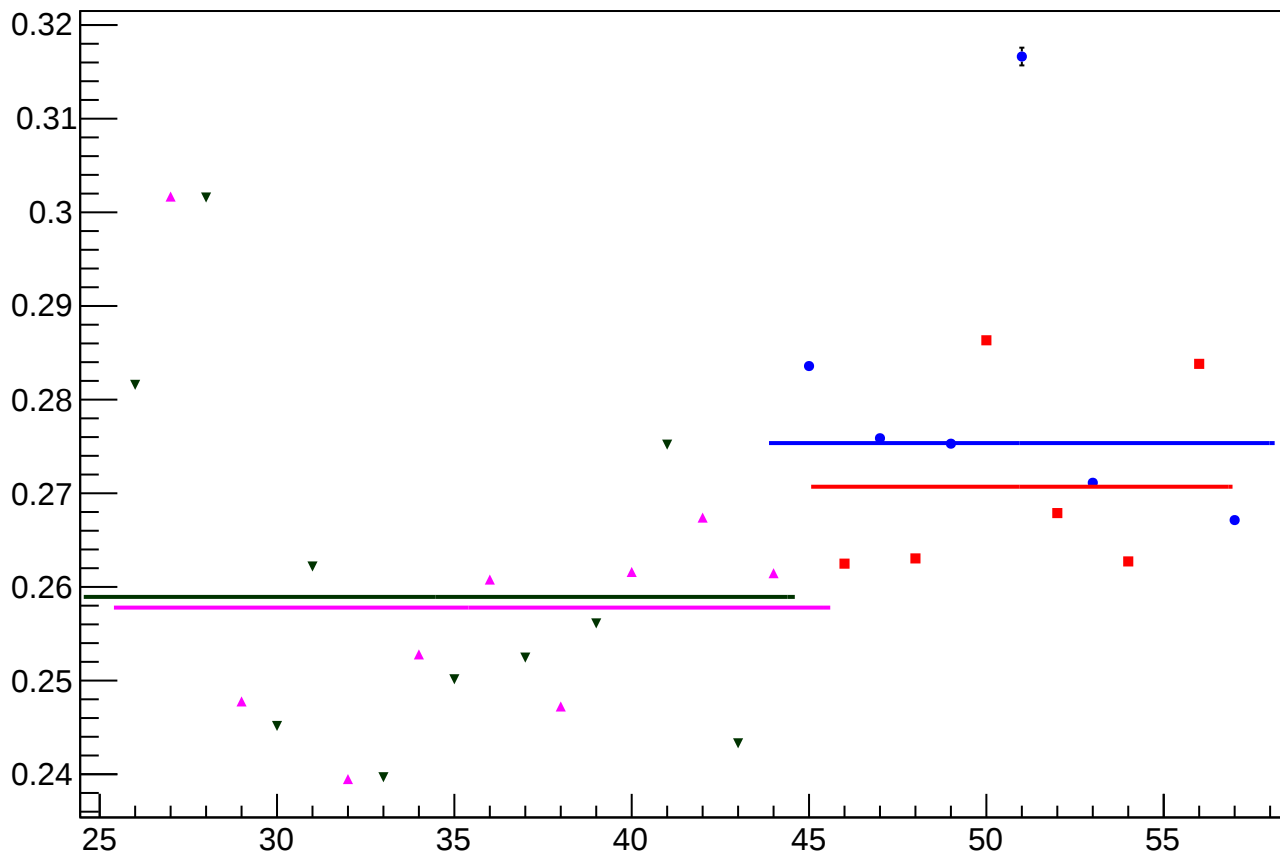
Right Out: 69.185+/-0.000 χ^2/NDF : 3588837.8/5

Left In: 72.627+/-0.000 χ^2/NDF : 2928974770.7/8

71.843+/-0.000 χ^2/NDF : 4151576295.1/15

71.507+/-0.000 χ^2/NDF : 3237432029.9/14

yield_bcm0l02_rms vs slug



Right In: 0.275+/-0.000 χ^2/NDF : 4089.6/5

Left Out: 0.259+/-0.000 χ^2/NDF : 47766.7/9

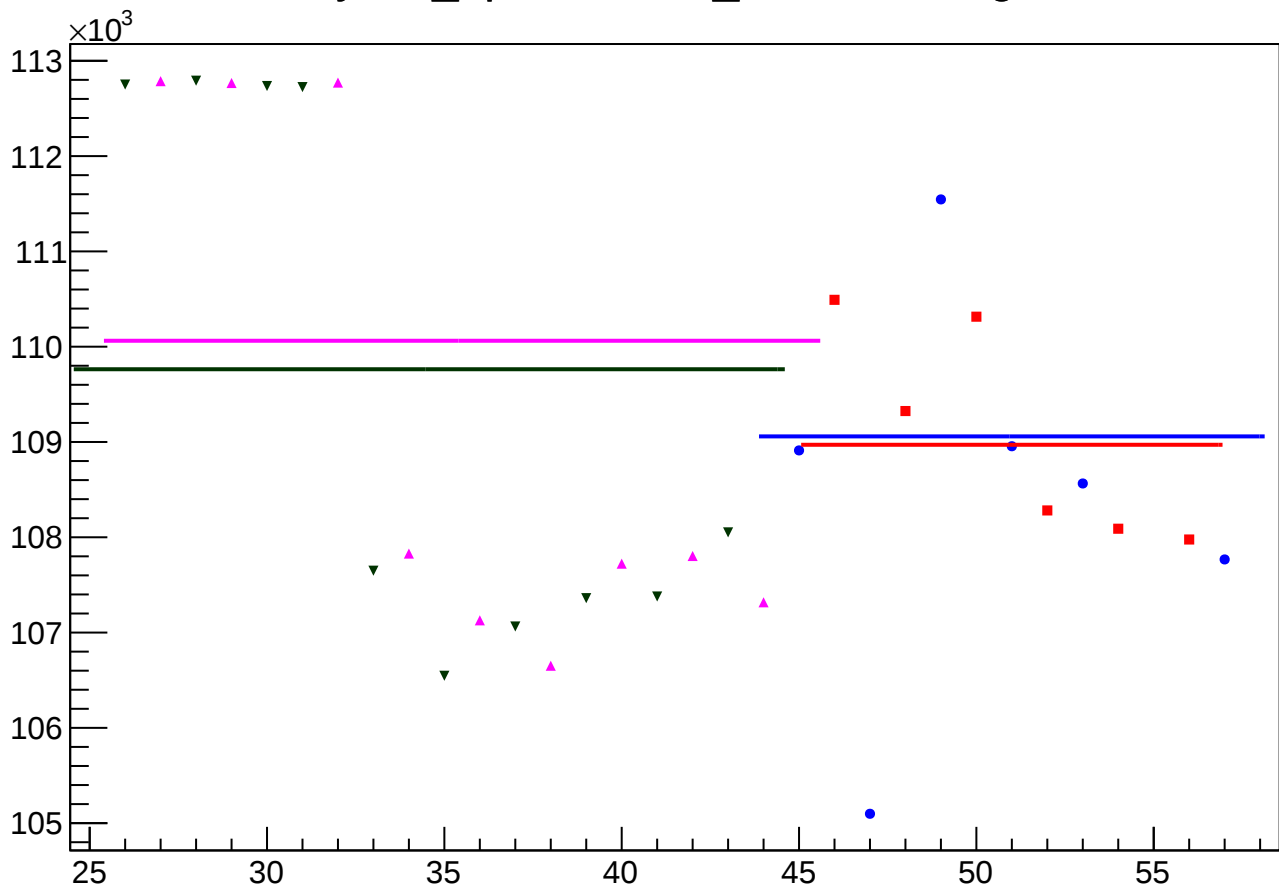
Right Out: 0.271+/-0.000 χ^2/NDF : 7541.4/5

Left In: 0.258+/-0.000 χ^2/NDF : 49222.3/8

0.265+/-0.000 χ^2/NDF : 65430.3/15

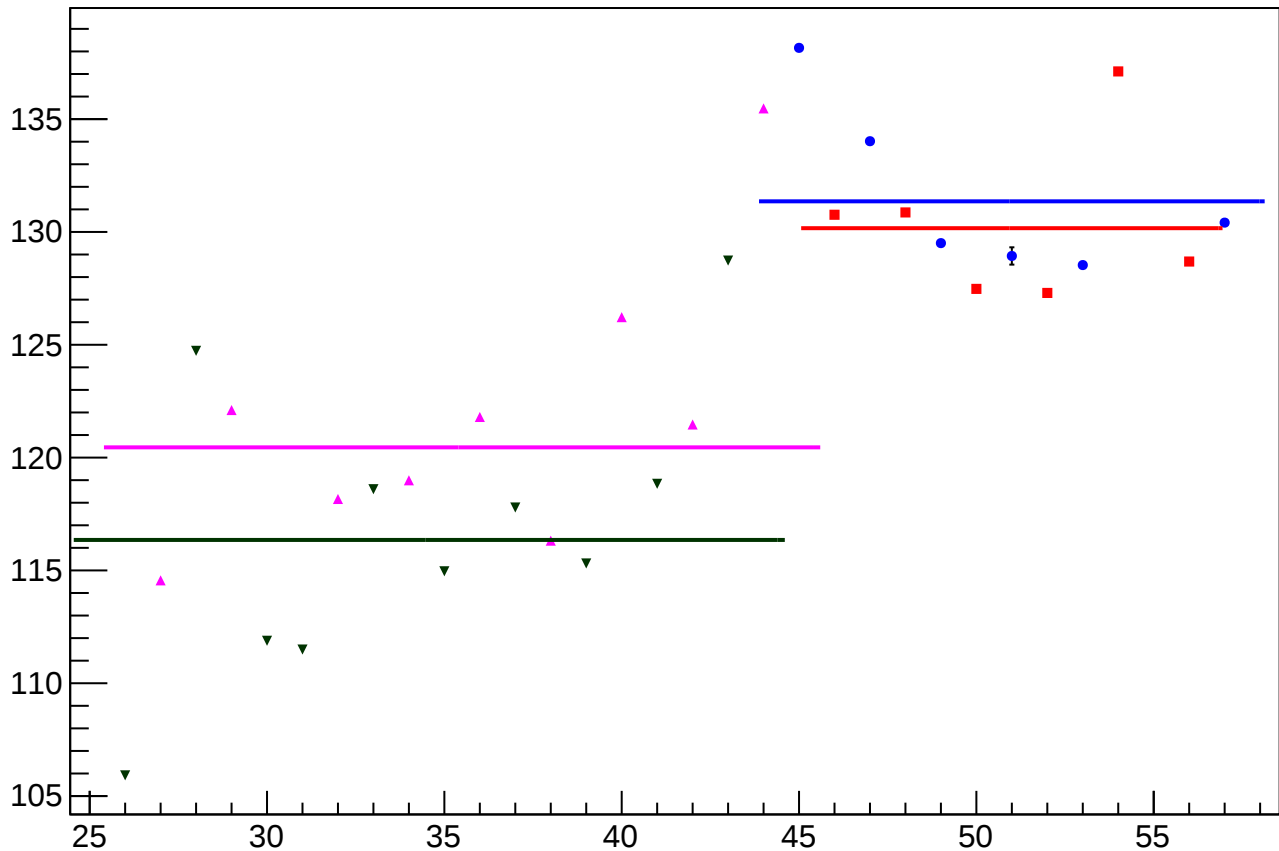
0.262+/-0.000 χ^2/NDF : 65337.9/14

yield_bpm2i01WS_mean vs slug



Right In: 109058.654 $\pm$ 0.078	χ^2 /NDF: 702861624.8/5	109537.038 $\pm$ 0.044	χ^2 /NDF: 3343455604.7/15
Left Out: 109763.312 $\pm$ 0.054	χ^2 /NDF: 2585526424.9/9		
Right Out: 108970.685 $\pm$ 0.079	χ^2 /NDF: 162394332.0/5	109719.709 $\pm$ 0.044	χ^2 /NDF: 2884101223.2/14
Left In: 110062.231 $\pm$ 0.053	χ^2 /NDF: 2589926778.7/8		

yield_bpm2i01WS_rms vs slug



Right In: 131.357 ± 0.055 χ^2/NDF : 3552.2/5

Left Out: 116.351 ± 0.038 χ^2/NDF : 26842.3/9

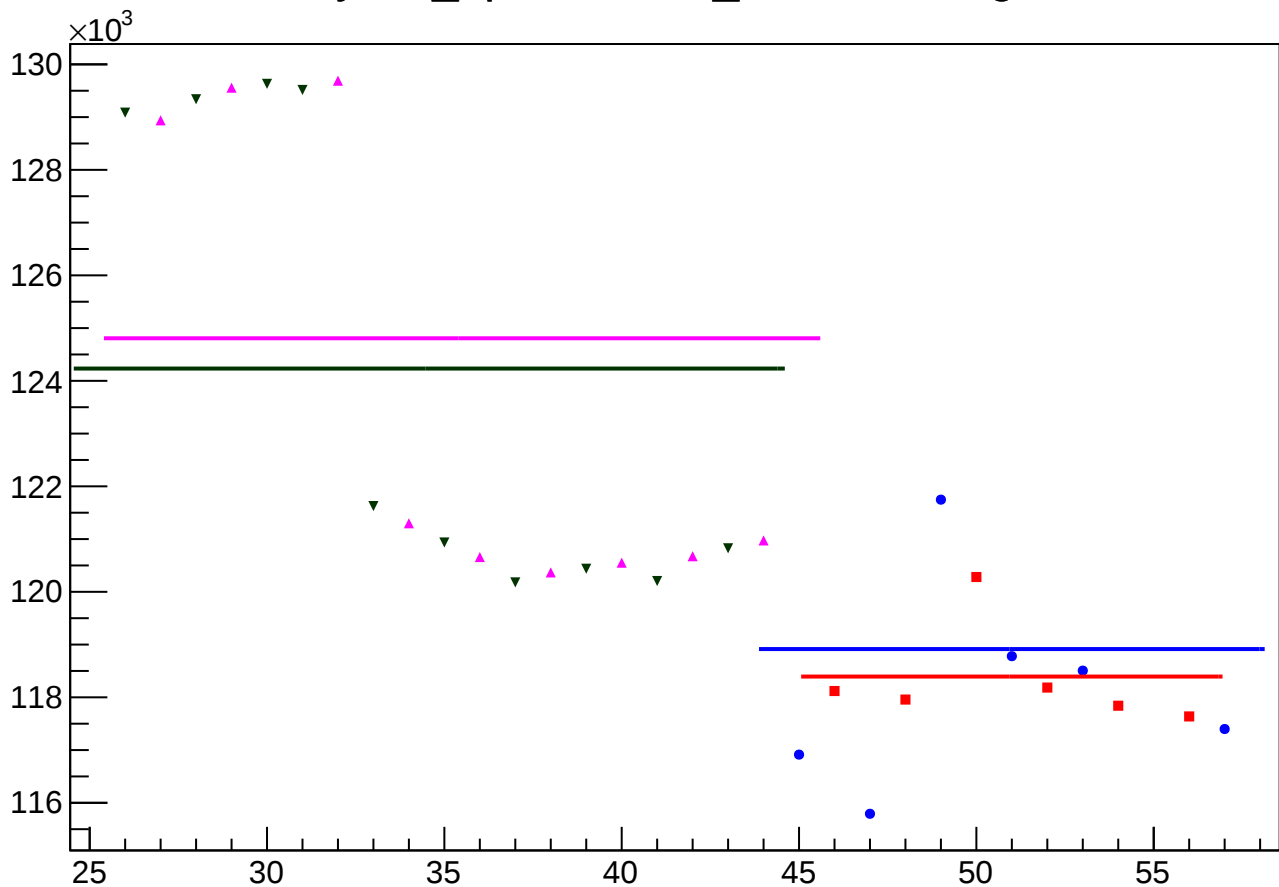
Right Out: 130.167 ± 0.056 χ^2/NDF : 3847.0/5

Left In: 120.454 ± 0.038 χ^2/NDF : 19093.6/8

121.170 ± 0.031 χ^2/NDF : 80342.1/15

123.502 ± 0.031 χ^2/NDF : 43810.2/14

yield_bpm0i07WS_mean vs slug



Right In: 118914.867 $\pm$ 0.120 χ^2 /NDF: 336942176.2/5

Left Out: 124233.008 $\pm$ 0.092 χ^2 /NDF: 2216187419.4/9

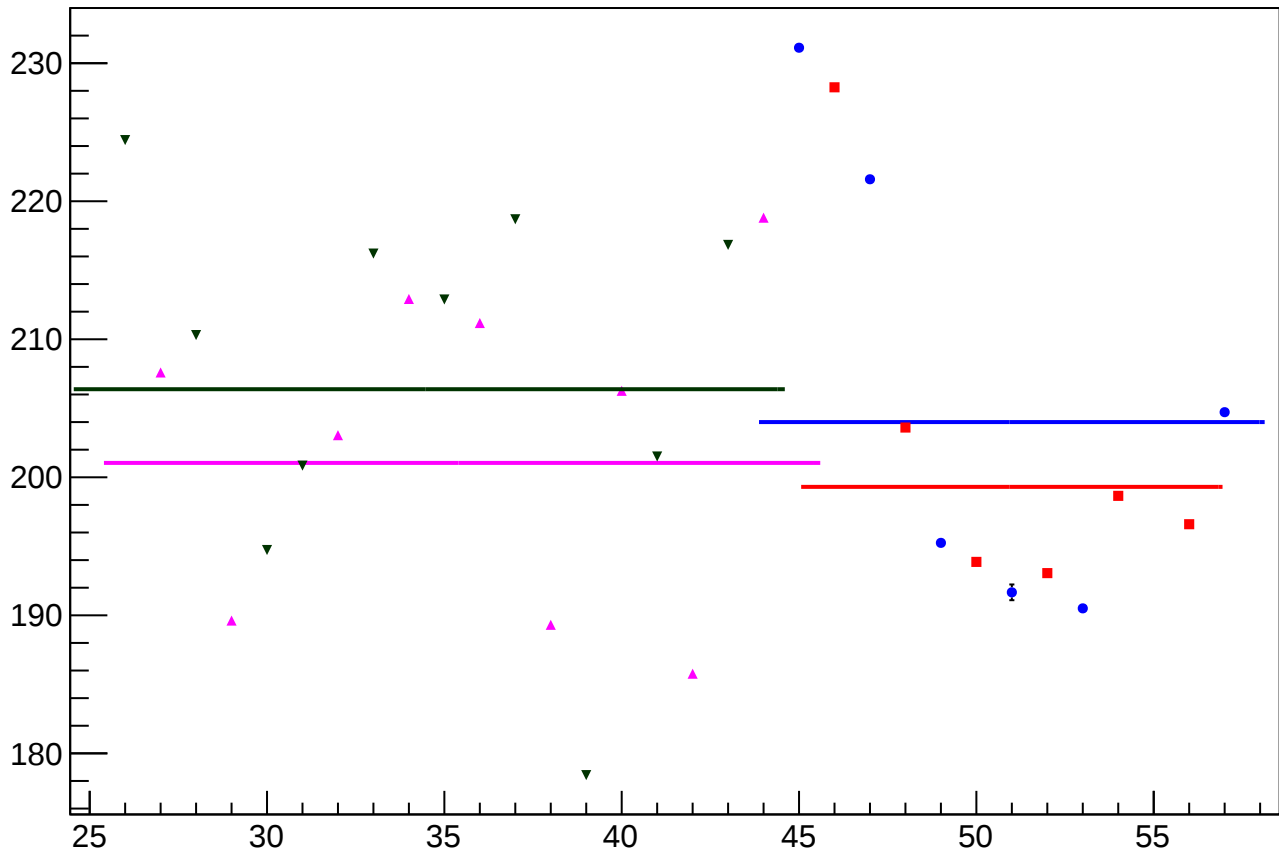
Right Out: 118393.737 $\pm$ 0.120 χ^2 /NDF: 62846235.5/5

Left In: 124806.973 $\pm$ 0.085 χ^2 /NDF: 2610337744.8/8

122273.119 $\pm$ 0.073 χ^2 /NDF: 3793162637.1/15

122659.502 $\pm$ 0.069 χ^2 /NDF: 4577524050.1/14

yield_bpm0i07WS_rms vs slug



Right In: 204.001 $\pm$ 0.085 χ^2 /NDF: 28719.0/5

Left Out: 206.382 $\pm$ 0.065 χ^2 /NDF: 41185.7/9

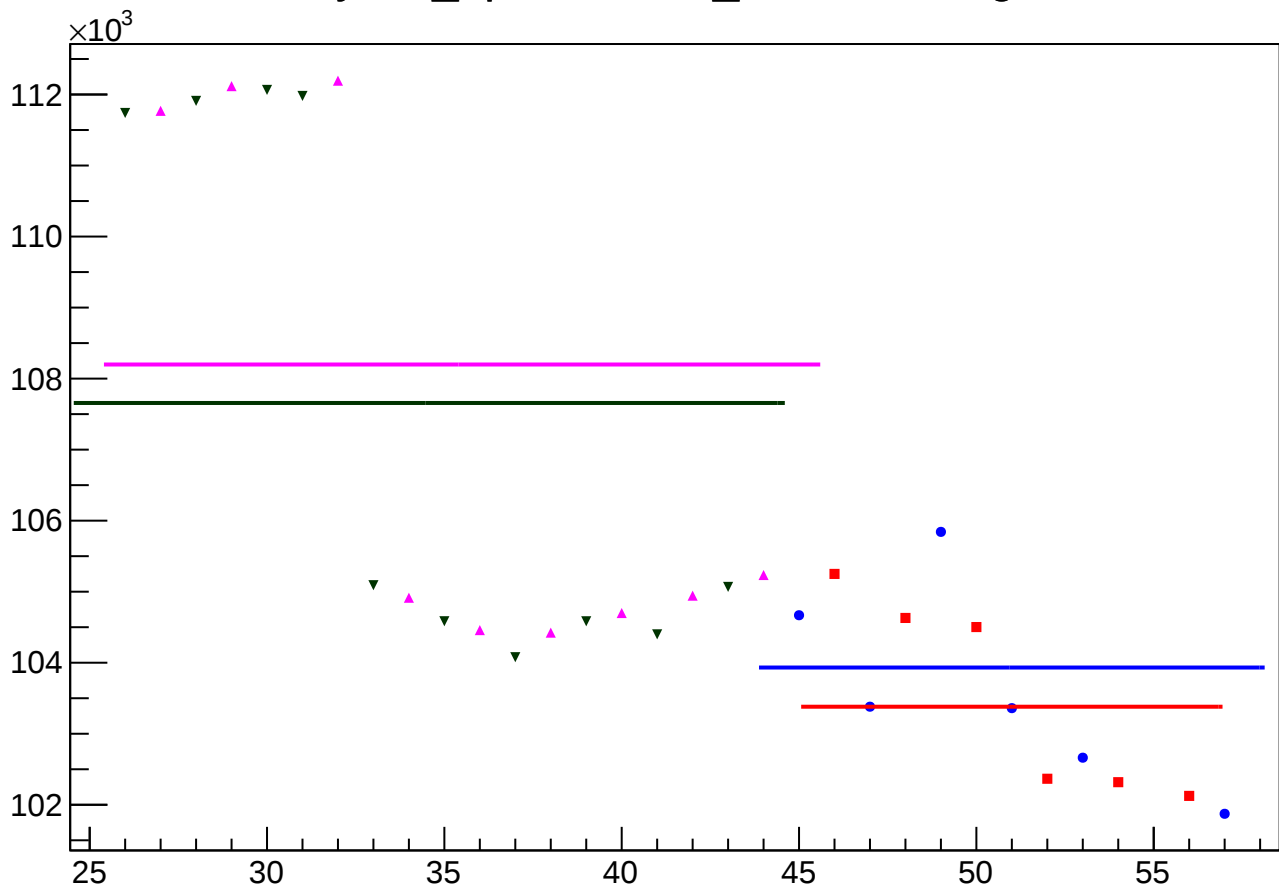
Right Out: 199.307 $\pm$ 0.085 χ^2 /NDF: 11810.0/5

Left In: 201.043 $\pm$ 0.060 χ^2 /NDF: 31613.9/8

205.504 $\pm$ 0.052 χ^2 /NDF: 70401.6/15

200.461 $\pm$ 0.049 χ^2 /NDF: 43702.9/14

yield_bpm0l01WS_mean vs slug



Right In: 103932.347 ± 0.078 $\chi^2/\text{NDF}: 398498321.6/5$

Left Out: 107656.991 ± 0.050 $\chi^2/\text{NDF}: 5135639688.0/9$

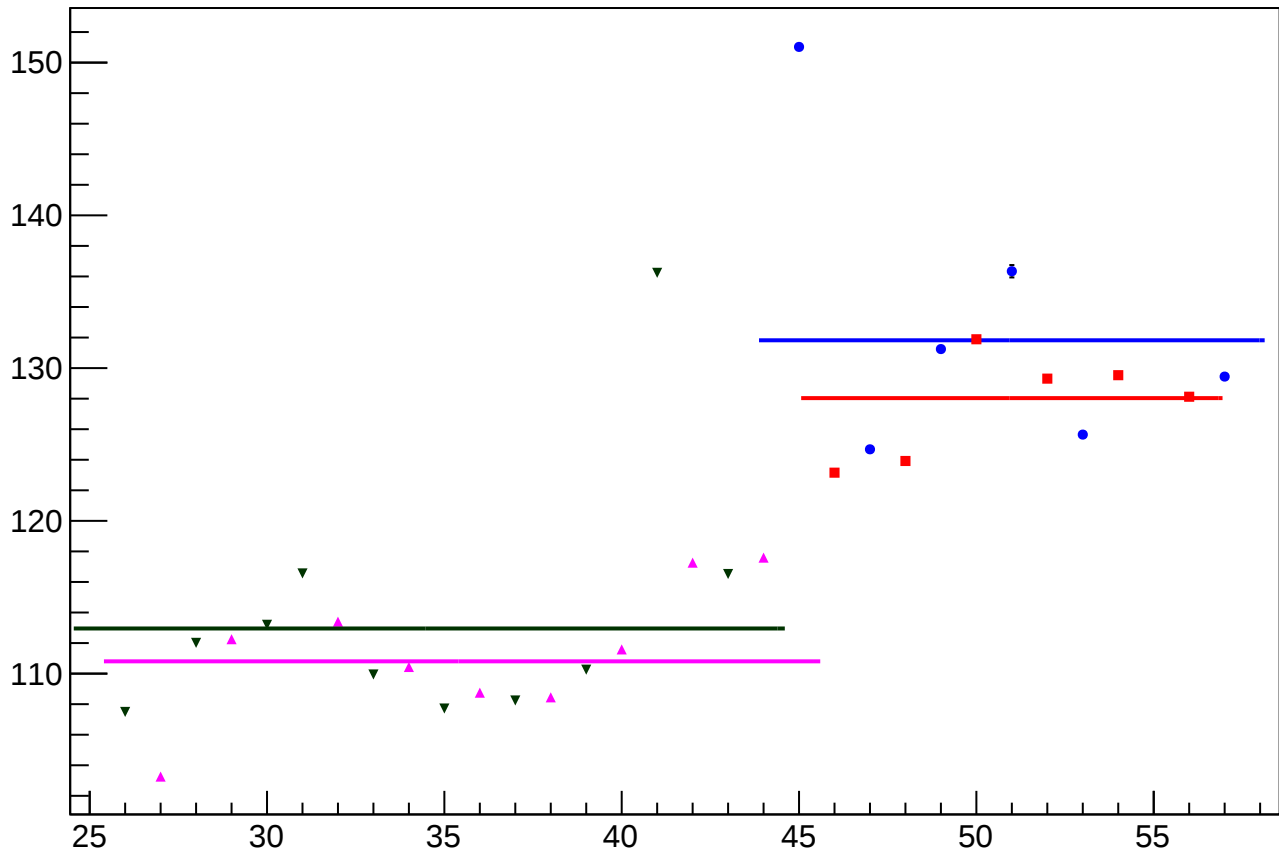
Right Out: 103380.577 ± 0.077 $\chi^2/\text{NDF}: 259223489.1/5$

Left In: 108198.580 ± 0.047 $\chi^2/\text{NDF}: 5989856583.8/8$

106556.543 ± 0.042 $\chi^2/\text{NDF}: 7149991678.4/15$

106898.098 ± 0.040 $\chi^2/\text{NDF}: 9099156491.0/14$

yield_bpm0l01WS_rms vs slug



Right In: 131.821 ± 0.055 χ^2/NDF : 22477.6/5

Left Out: 112.955 ± 0.036 χ^2/NDF : 43068.9/9

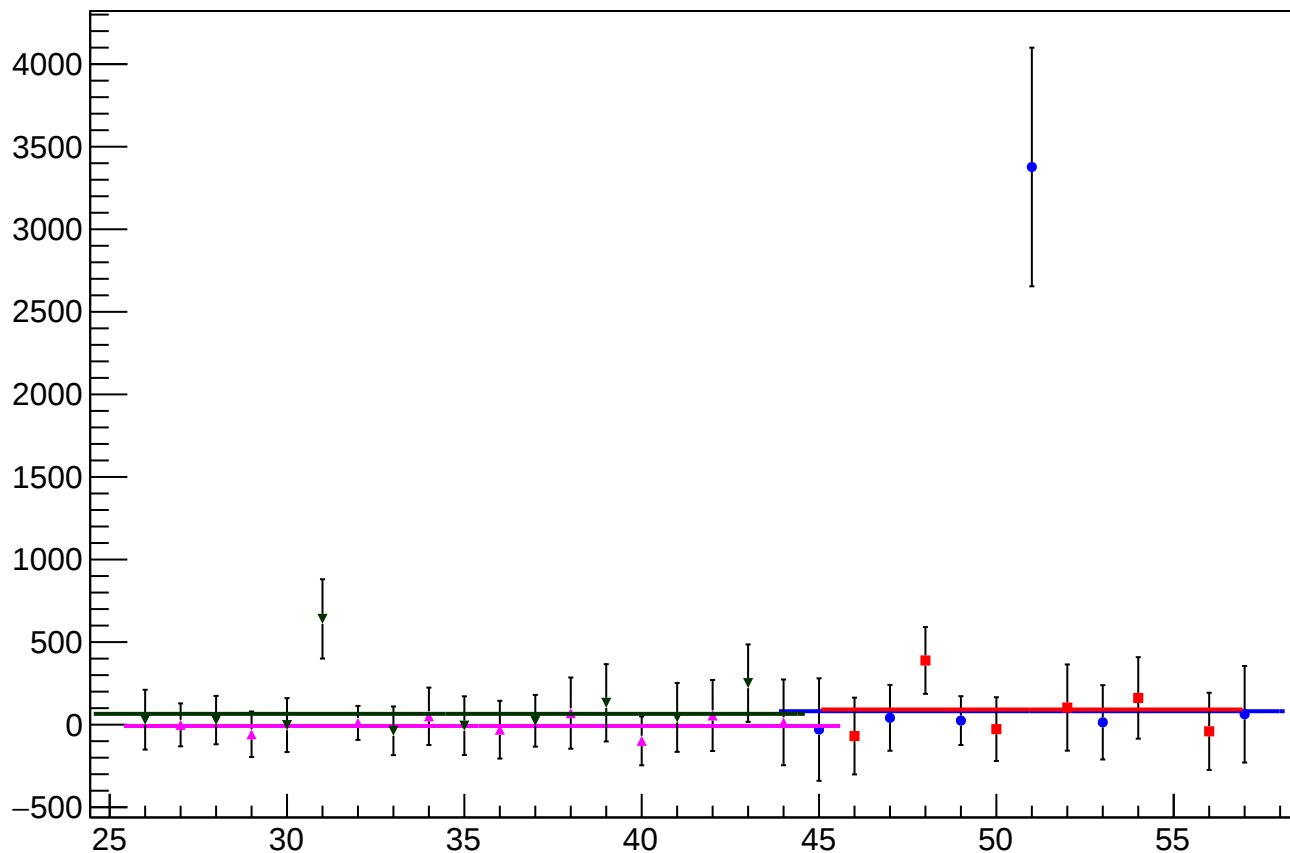
Right Out: 128.035 ± 0.055 χ^2/NDF : 2943.5/5

Left In: 110.804 ± 0.033 χ^2/NDF : 17540.0/8

118.529 ± 0.030 χ^2/NDF : 148464.2/15

115.455 ± 0.028 χ^2/NDF : 93399.3/14

asym_bcm_an_ds_mean vs slug



Right In: 81.516+/-93.402 χ^2/NDF : 21.2/5

Left Out: 65.484+/-56.811 χ^2/NDF : 7.5/9

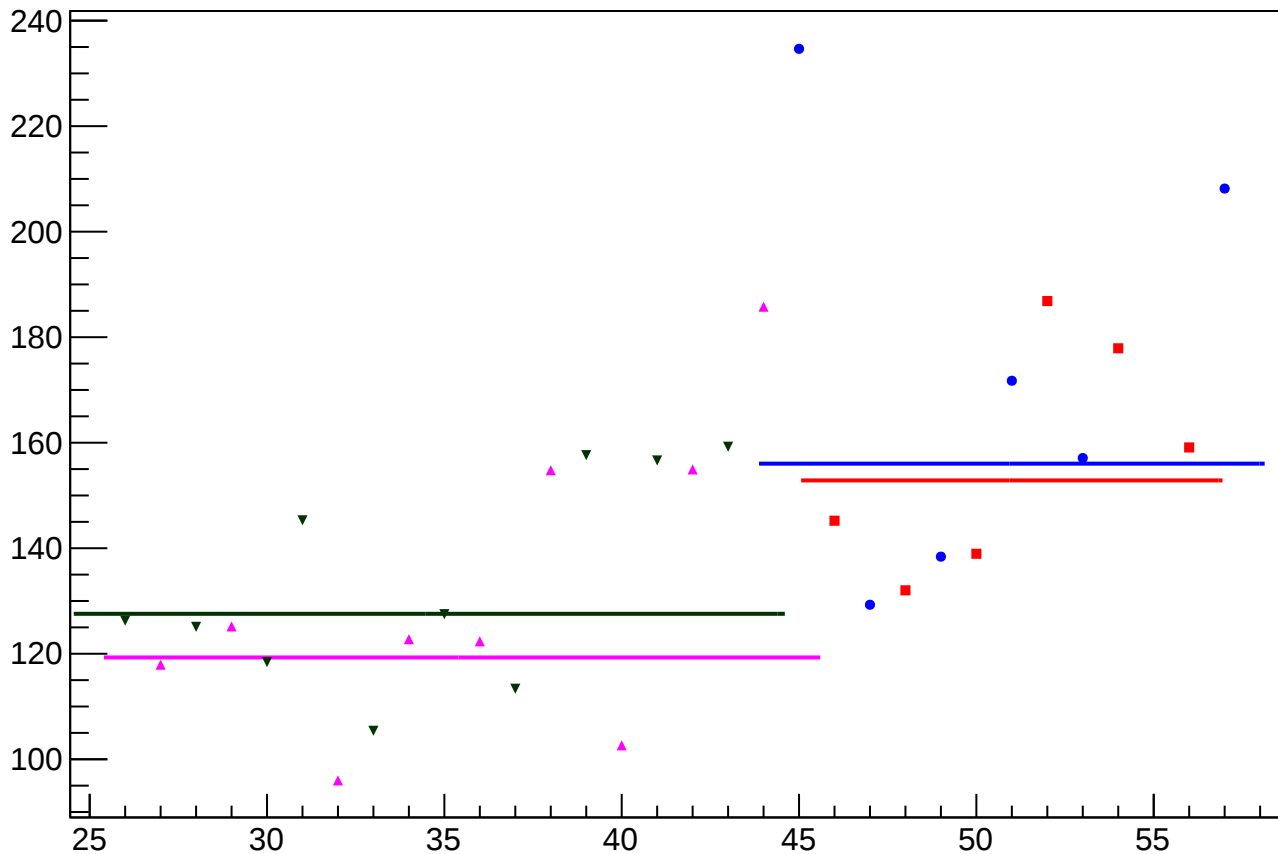
Right Out: 91.965+/-91.595 χ^2/NDF : 3.4/5

Left In: -7.966+/-51.584 χ^2/NDF : 0.9/8

69.813+/-48.537 χ^2/NDF : 28.7/15

16.097+/-44.947 χ^2/NDF : 5.2/14

asym_bcm_an_ds_rms vs slug



Right In: 156.032+/-0.066 χ^2/NDF : 257431.2/5

Left Out: 127.571+/-0.040 χ^2/NDF :187904.2/9

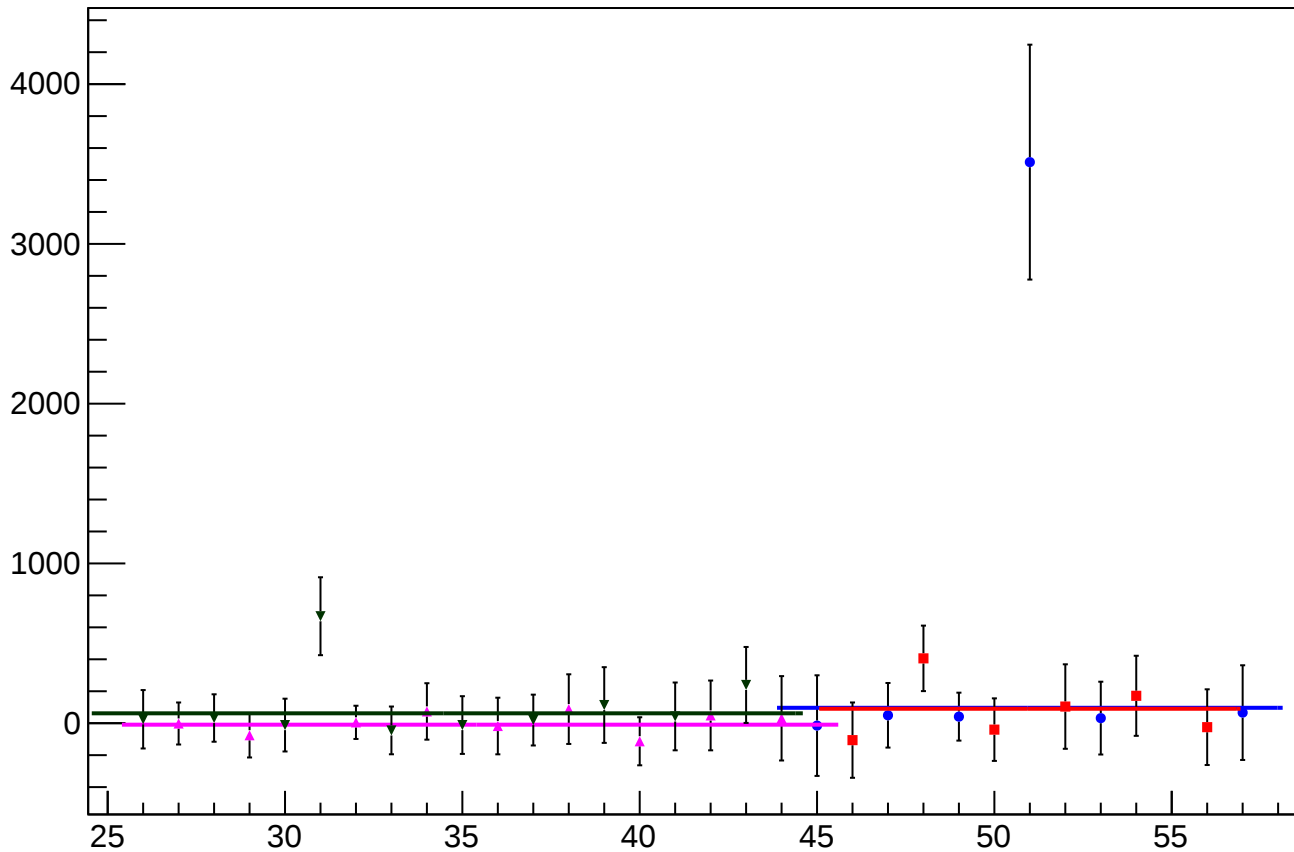
Right Out: 152.856+/-0.065 χ^2/NDF : 89690.0/5

Left In: 119.298+/-0.036 χ^2/NDF :373710.1/8

135.257+/-0.034 χ^2/NDF : 580888.3/15

127.379+/-0.032 χ^2/NDF : 667212.0/14

asym_bcm_an_ds3_mean vs slug



Right In: 96.451+/-94.714 χ^2/NDF : 22.0/5

Left Out: 61.888+/-57.600 χ^2/NDF : 7.9/9

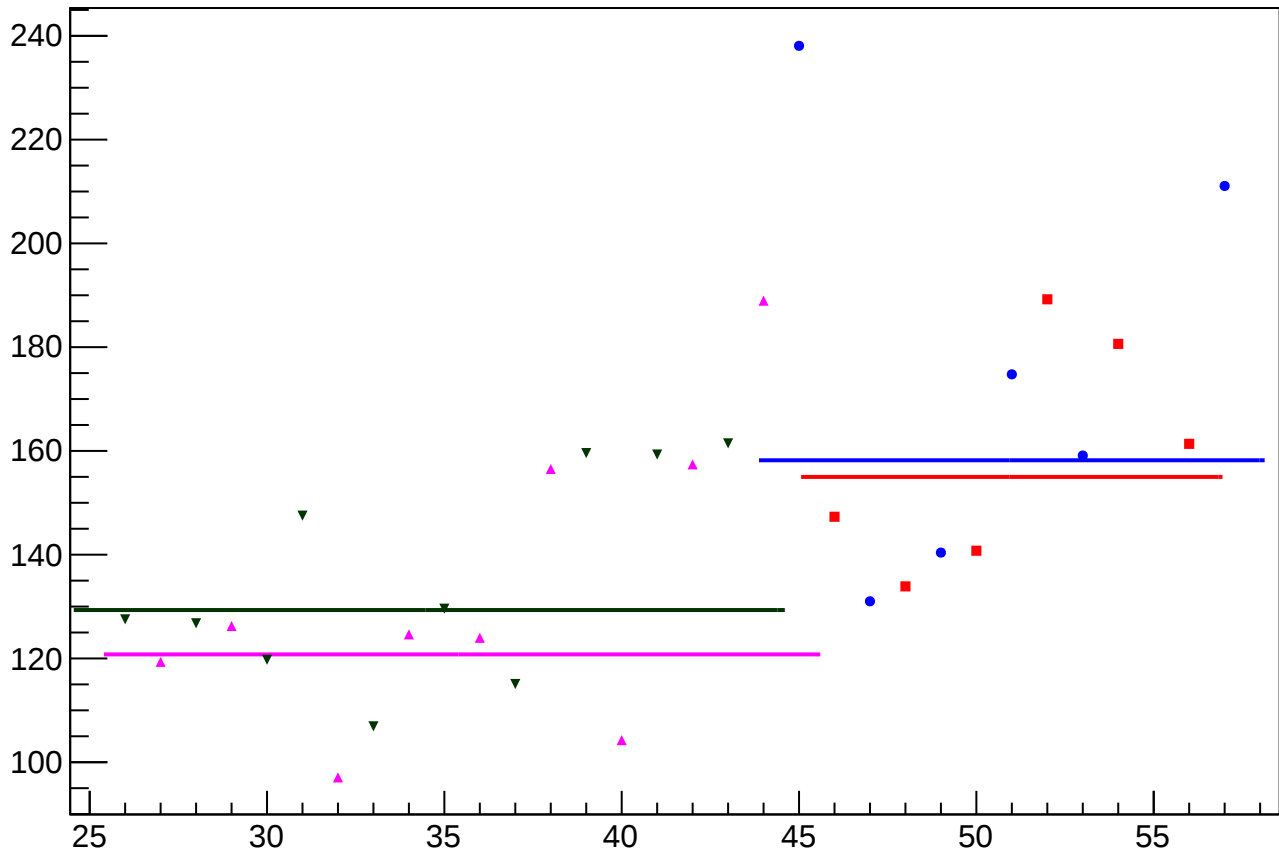
Right Out: 90.406+/-92.875 χ^2/NDF : 3.9/5

Left In: -9.264+/-52.240 χ^2/NDF : 1.2/8

71.220+/-49.214 χ^2/NDF : 29.9/15

14.691+/-45.532 χ^2/NDF : 6.0/14

asym_bcm_an_ds3_rms vs slug



Right In: 158.198+/-0.067 χ^2/NDF : 257705.0/5

Left Out: 129.330+/-0.041 χ^2/NDF : 188760.2/9

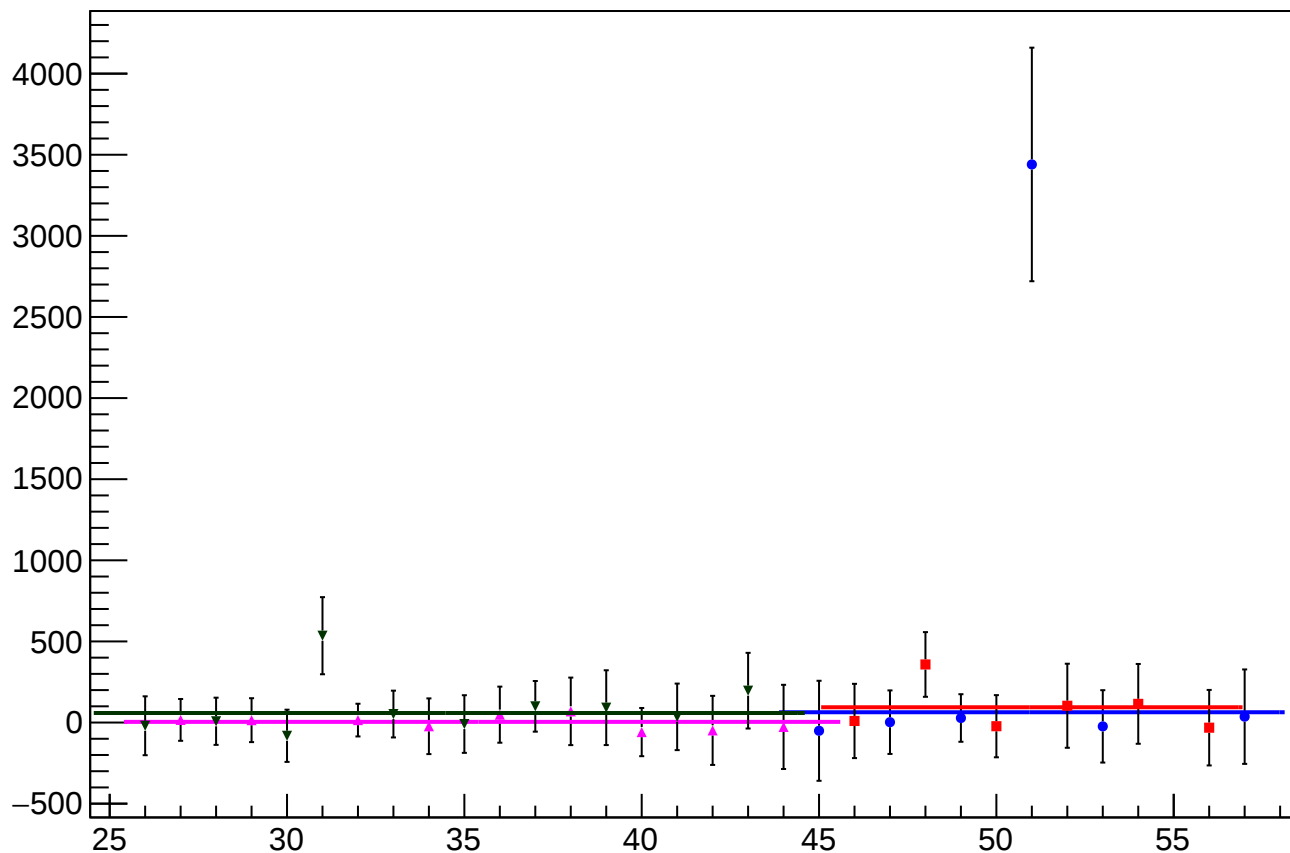
Right Out: 154.989+/-0.066 χ^2/NDF : 89776.5/5

Left In: 120.780+/-0.037 χ^2/NDF : 376423.6/8

137.124+/-0.035 χ^2/NDF : 582093.2/15

129.002+/-0.032 χ^2/NDF : 672325.5/14

asym_bcm_an_us_mean vs slug



Right In: 63.448 ± 92.473 χ^2/NDF : 22.5/5

Left Out: 58.851 ± 56.282 χ^2/NDF : 5.7/9

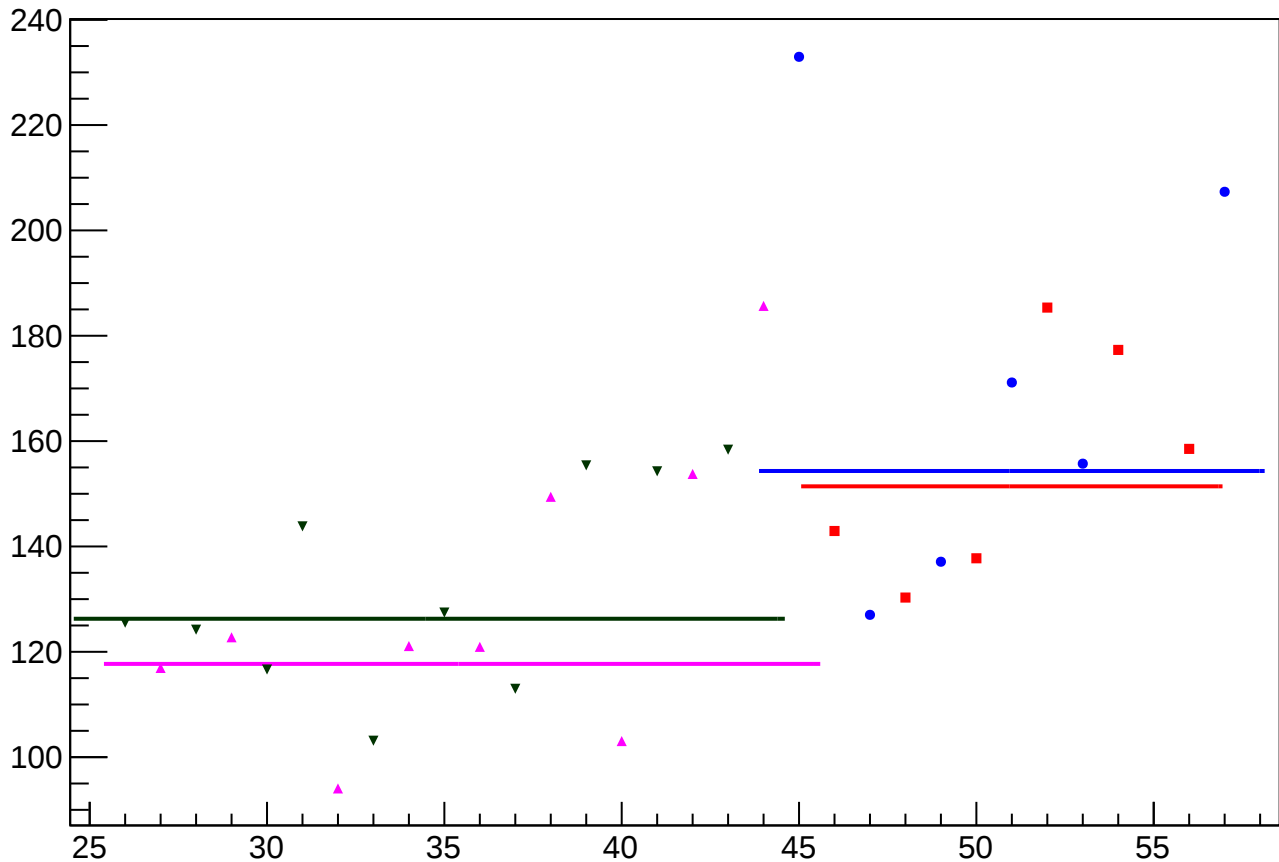
Right Out: 94.204 ± 90.772 χ^2/NDF : 2.6/5

Left In: 4.097 ± 50.903 χ^2/NDF : 0.5/8

60.093 ± 48.077 χ^2/NDF : 28.2/15

25.654 ± 44.398 χ^2/NDF : 3.8/14

asym_bcm_an_us_rms vs slug



Right In: 154.328+/-0.065 χ^2/NDF : 264048.6/5

Left Out: 126.276+/-0.040 χ^2/NDF :191667.2/9

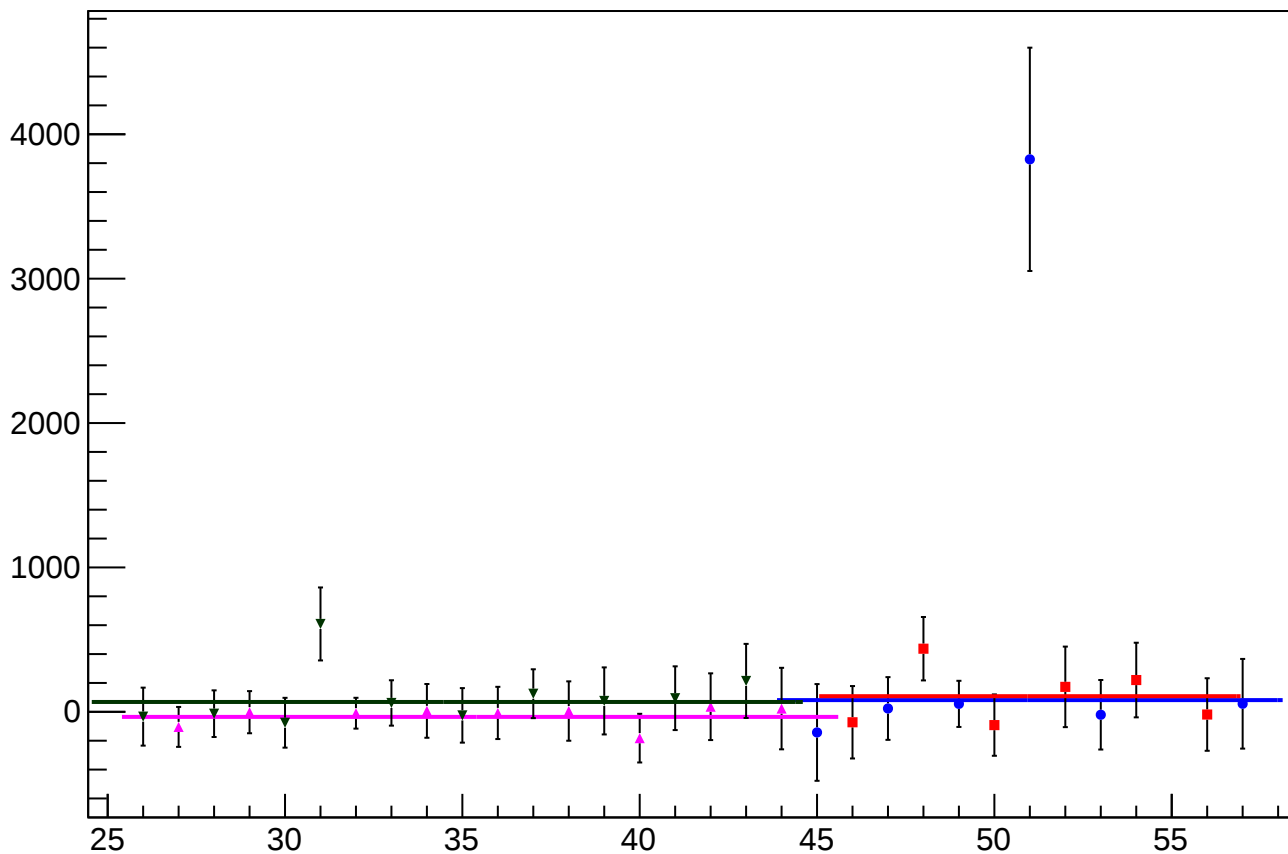
Right Out: 151.414+/-0.064 χ^2/NDF : 93689.3/5

Left In: 117.706+/-0.036 χ^2/NDF :374878.6/8

133.859+/-0.034 χ^2/NDF : 590006.4/15

125.770+/-0.031 χ^2/NDF : 678387.5/14

asym_bcm_dg_us_mean vs slug



Right In: 81.172 $\pm$ 100.728 χ^2/NDF : 24.2/5

Left Out: 68.281 $\pm$ 60.848 χ^2/NDF : 6.5/9

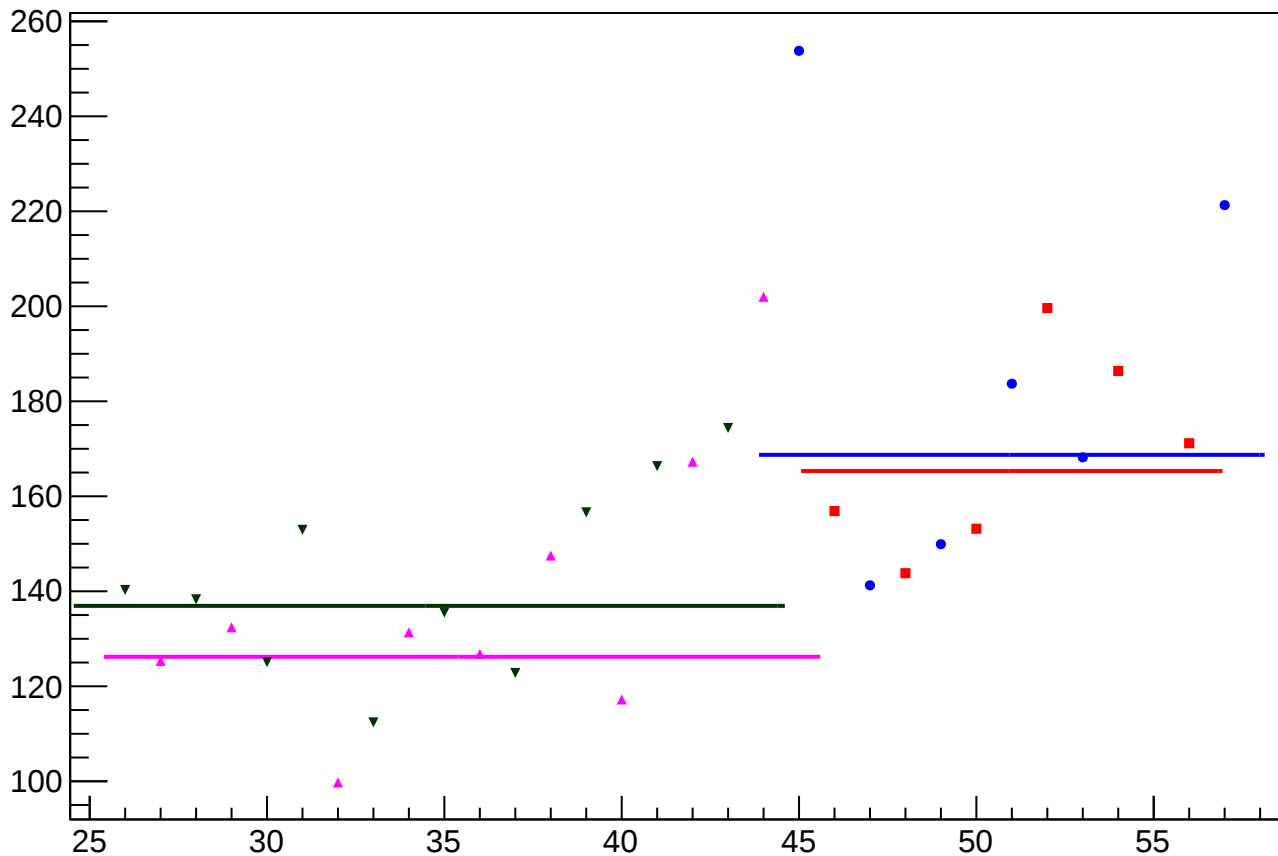
Right Out: 108.349 $\pm$ 98.796 χ^2/NDF : 4.1/5

Left In: -35.096 $\pm$ 54.517 χ^2/NDF : 1.4/8

71.727 $\pm$ 52.083 χ^2/NDF : 30.7/15

-1.613 $\pm$ 47.732 χ^2/NDF : 7.1/14

asym_bcm_dg_us_rms vs slug



Right In: 168.727 $\pm$ 0.071 χ^2 /NDF: 246791.7/5

Left Out: 136.932 $\pm$ 0.043 χ^2 /NDF:173473.1/9

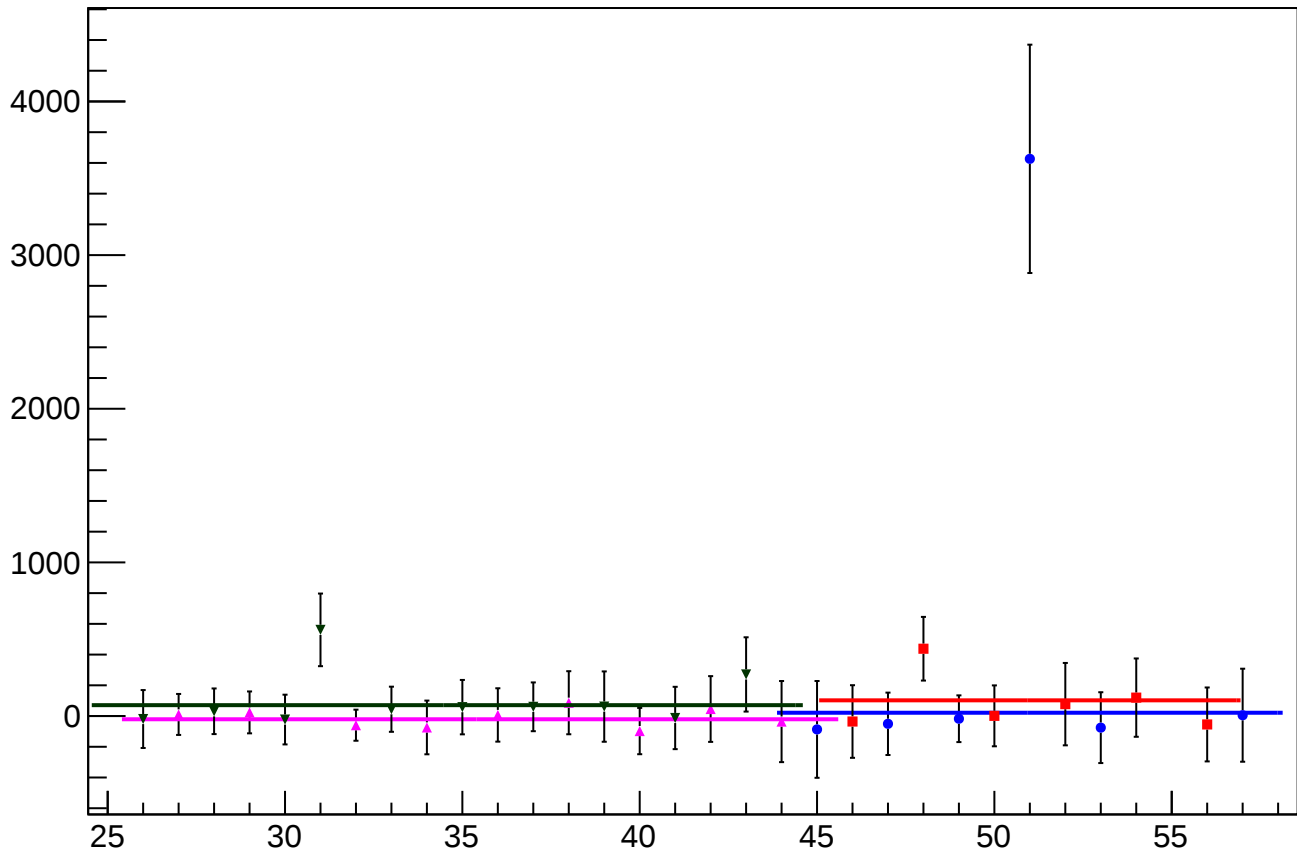
Right Out: 165.323 $\pm$ 0.070 χ^2 /NDF: 72640.5/5

Left In: 126.213 $\pm$ 0.039 χ^2 /NDF:362550.8/8

145.432 $\pm$ 0.037 χ^2 /NDF: 566267.2/15

135.342 $\pm$ 0.034 χ^2 /NDF: 675455.2/14

asym_bcm_dg_ds_mean vs slug



Right In: 21.492+/-95.723 χ^2/NDF : 24.0/5

Left Out: 70.831+/-56.980 χ^2/NDF : 5.8/9

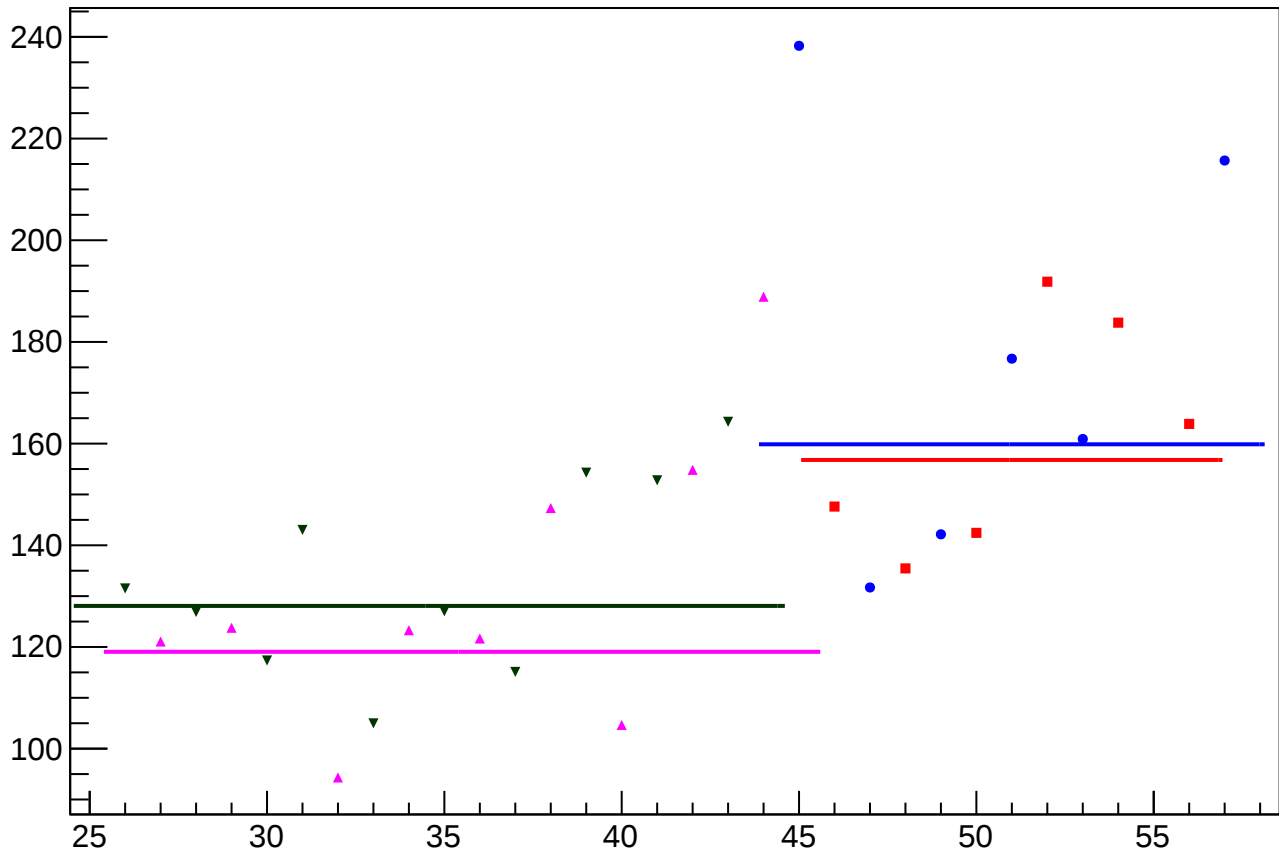
Right Out: 102.235+/-93.981 χ^2/NDF : 3.7/5

Left In: -20.980+/-51.456 χ^2/NDF : 1.1/8

57.922+/-48.962 χ^2/NDF : 30.1/15

7.438+/-45.134 χ^2/NDF : 6.0/14

asym_bcm_dg_ds_rms vs slug



Right In: 159.867 ± 0.068 χ^2/NDF : 258484.5/5

Left Out: 128.077 ± 0.040 χ^2/NDF : 181273.8/9

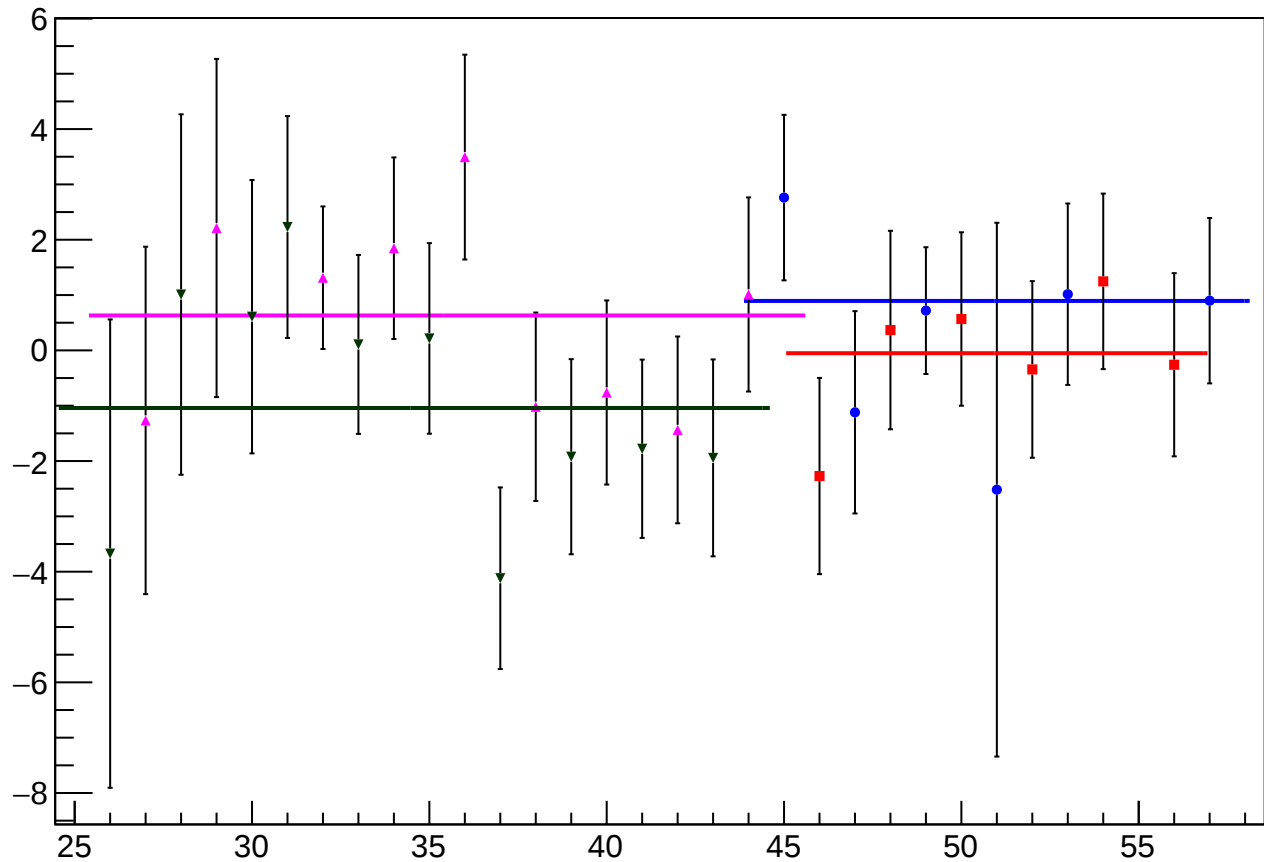
Right Out: 156.787 ± 0.066 χ^2/NDF : 93052.1/5

Left In: 119.049 ± 0.036 χ^2/NDF : 376169.4/8

136.394 ± 0.035 χ^2/NDF : 602622.7/15

127.753 ± 0.032 χ^2/NDF : 717326.3/14

asym_cav4bQ_mean vs slug



Right In: 0.894 ± 0.649 $\chi^2/\text{NDF}: 3.3/5$

Left Out: -1.041 ± 0.611 $\chi^2/\text{NDF}: 9.2/9$

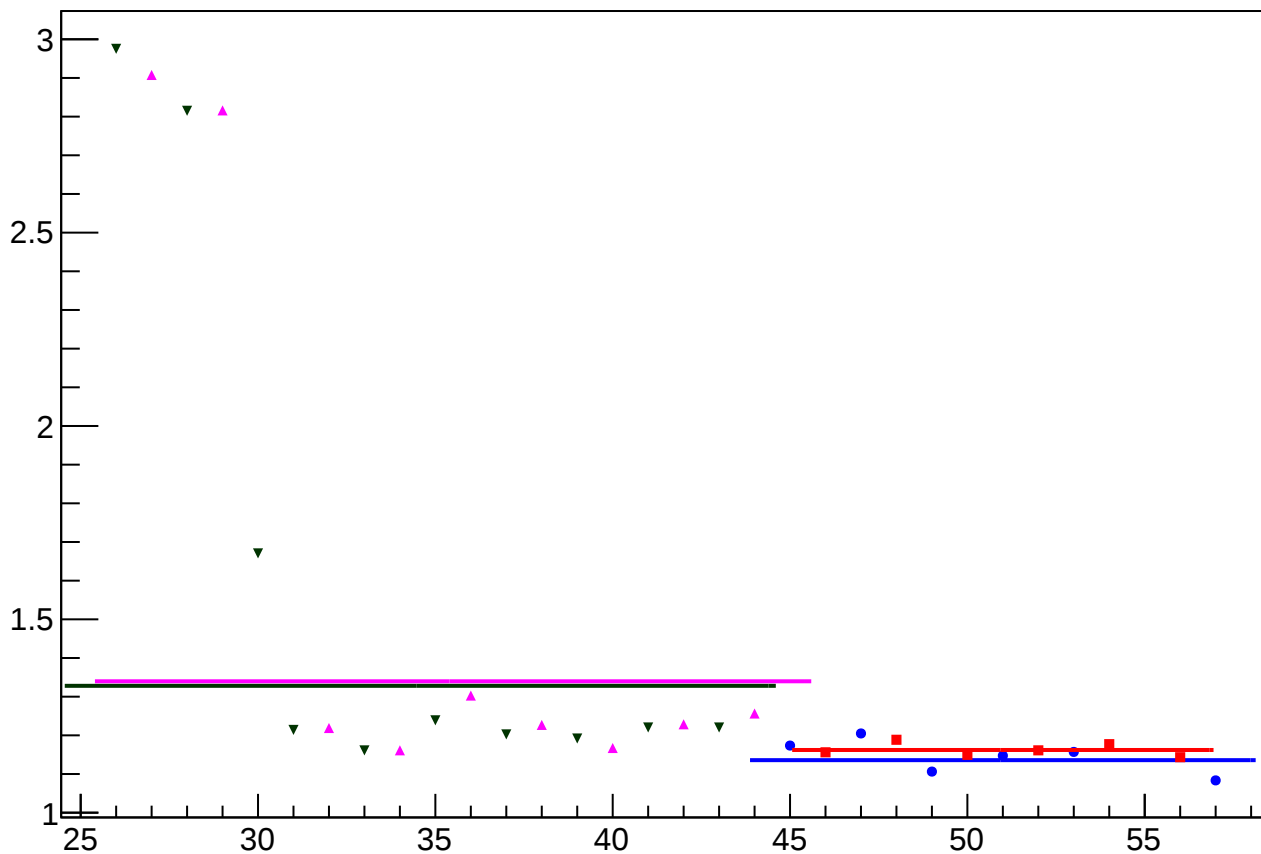
-0.132 ± 0.445 $\chi^2/\text{NDF}: 17.2/15$

Right Out: -0.051 ± 0.676 $\chi^2/\text{NDF}: 2.5/5$

0.335 ± 0.445 $\chi^2/\text{NDF}: 10.1/14$

Left In: 0.631 ± 0.592 $\chi^2/\text{NDF}: 7.0/8$

asym_cav4bQ_rms vs slug



Right In: 1.136+/-0.000 χ^2/NDF : 8253.1/5

Left Out: 1.328+/-0.000 χ^2/NDF :831193.5/9

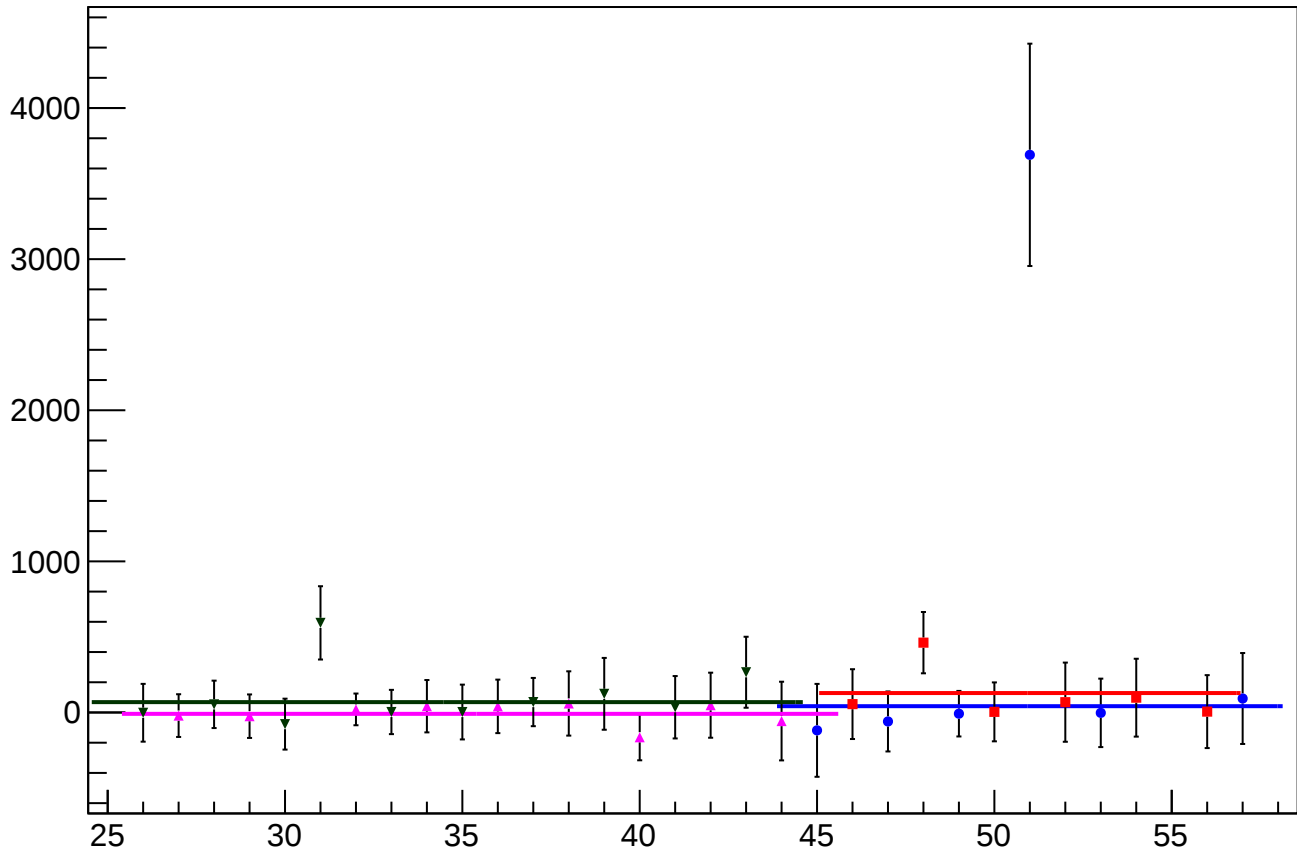
Right Out: 1.162+/-0.000 χ^2/NDF : 1022.0/5

Left In: 1.340+/-0.000 χ^2/NDF :1050932.3/8

1.238+/-0.000 χ^2/NDF : 932344.2/15

1.263+/-0.000 χ^2/NDF : 1130192.0/14

asym_cav4cQ_mean vs slug



Right In: 41.634+/-94.336 χ^2/NDF : 25.3/5

Left Out: 68.524+/-58.147 χ^2/NDF : 6.7/9

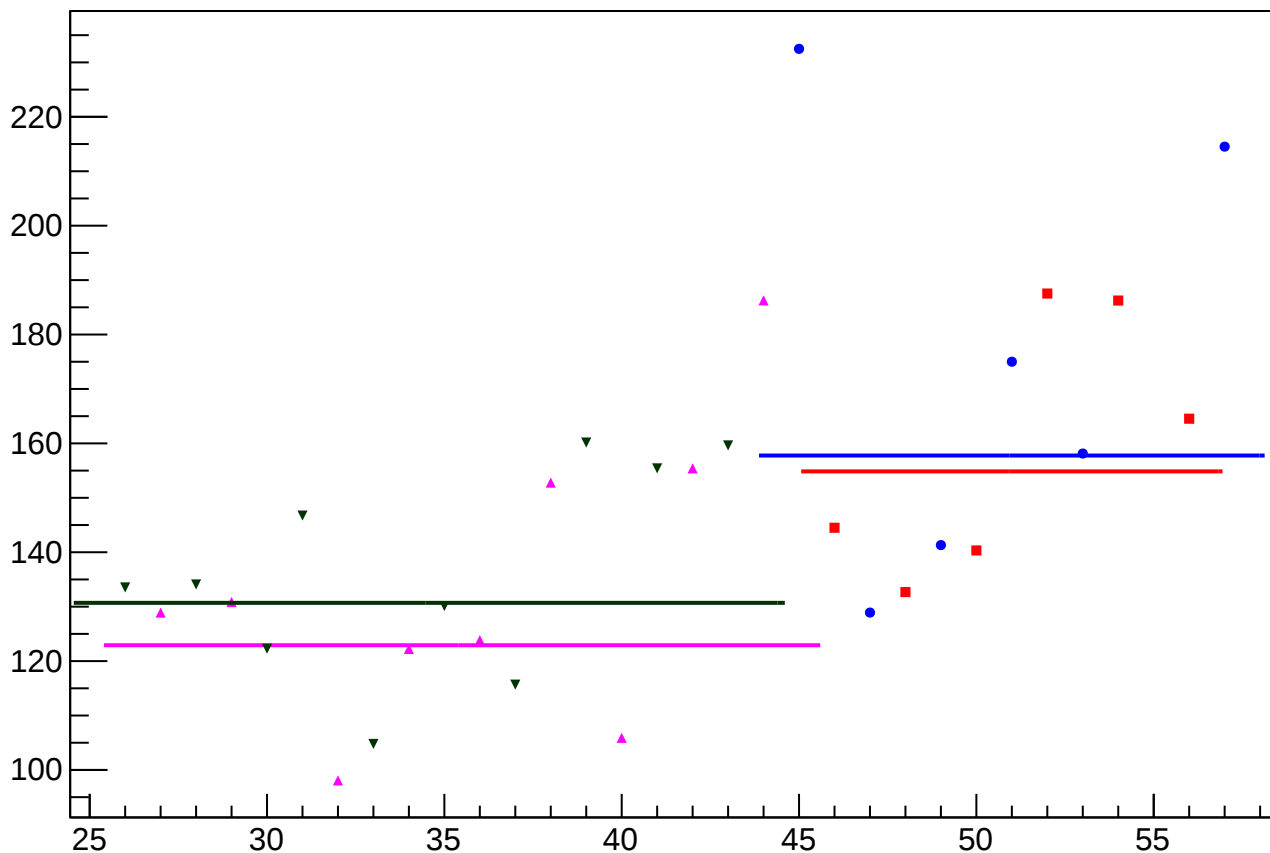
Right Out: 128.595+/-92.788 χ^2/NDF : 3.5/5

Left In: -9.045+/-53.017 χ^2/NDF : 1.5/8

61.121+/-49.499 χ^2/NDF : 32.0/15

24.831+/-46.033 χ^2/NDF : 6.7/14

asym_cav4cQ_rms vs slug



Right In: 157.769+/-0.067 χ^2/NDF : 256490.9/5

Left Out: 130.703+/-0.041 χ^2/NDF :185197.8/9

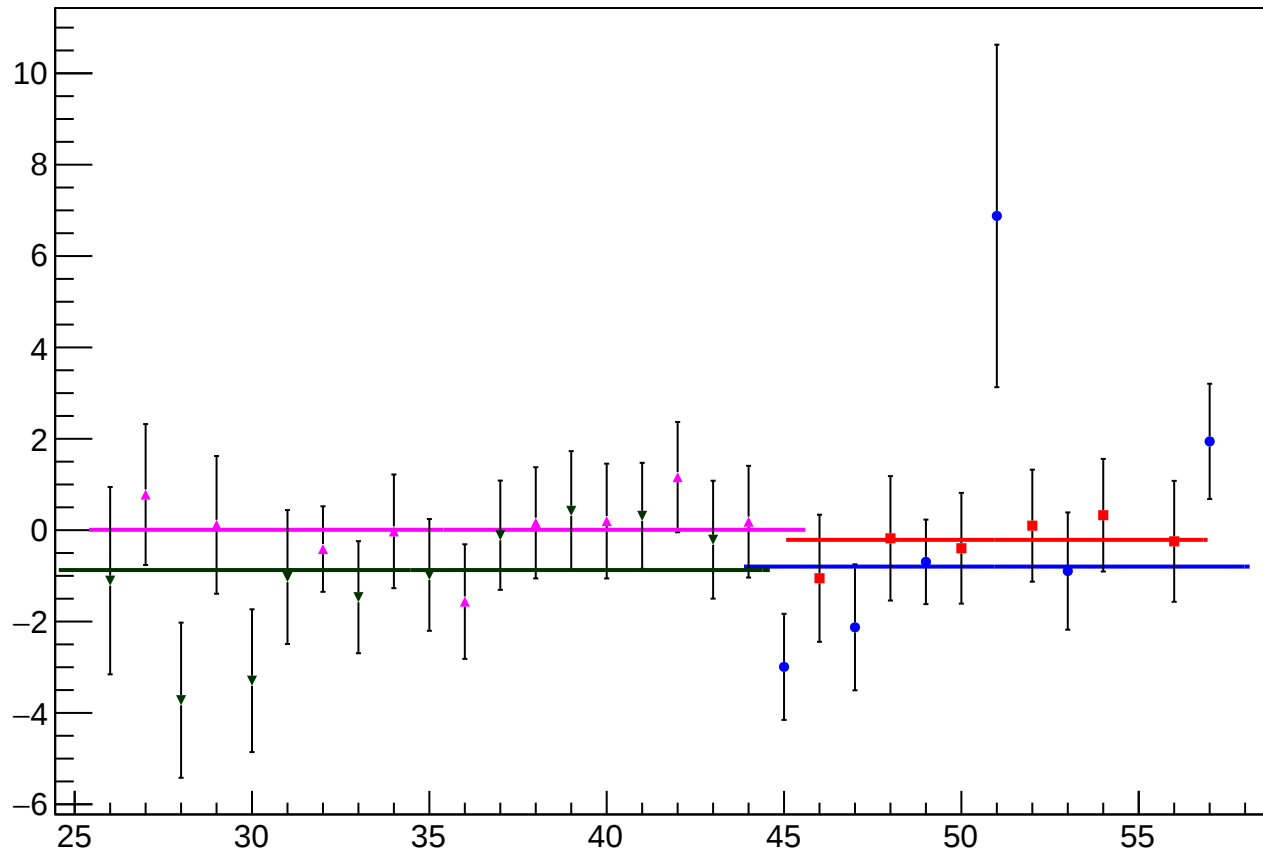
Right Out: 154.856+/-0.066 χ^2/NDF : 103033.2/5

Left In: 122.914+/-0.037 χ^2/NDF :350280.2/8

138.155+/-0.035 χ^2/NDF : 560993.3/15

130.775+/-0.033 χ^2/NDF : 631990.9/14

asym_cav4dQ_mean vs slug



Right In: -0.797 ± 0.517 χ^2/NDF : 13.4/5

Left Out: -0.873 ± 0.429 χ^2/NDF : 8.2/9

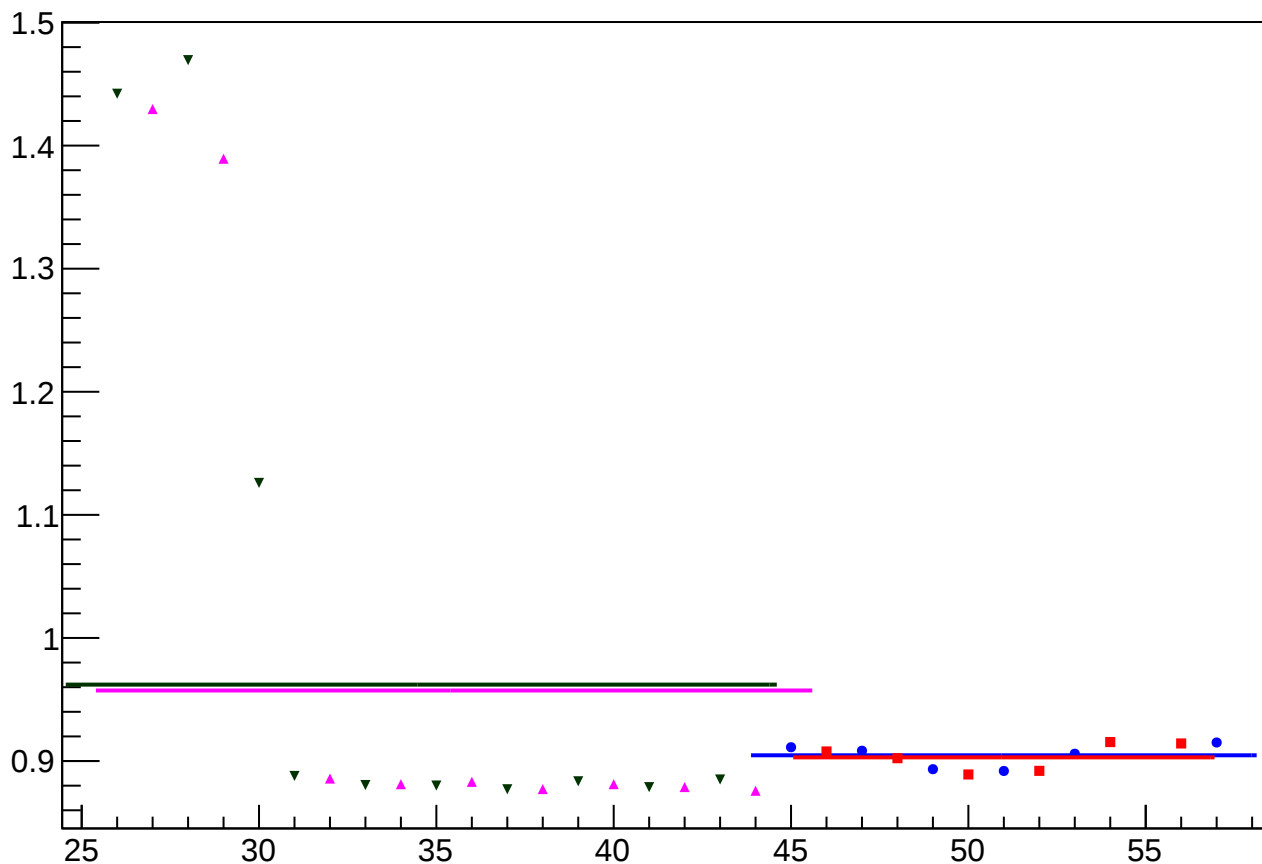
Right Out: -0.211 ± 0.525 χ^2/NDF : 0.6/5

Left In: 0.009 ± 0.410 χ^2/NDF : 3.0/8

-0.842 ± 0.330 χ^2/NDF : 21.6/15

-0.075 ± 0.323 χ^2/NDF : 3.8/14

asym_cav4dQ_rms vs slug



Right In: 0.905+/-0.000 χ^2/NDF : 536.6/5

Left Out: 0.962+/-0.000 χ^2/NDF : 367875.5/9

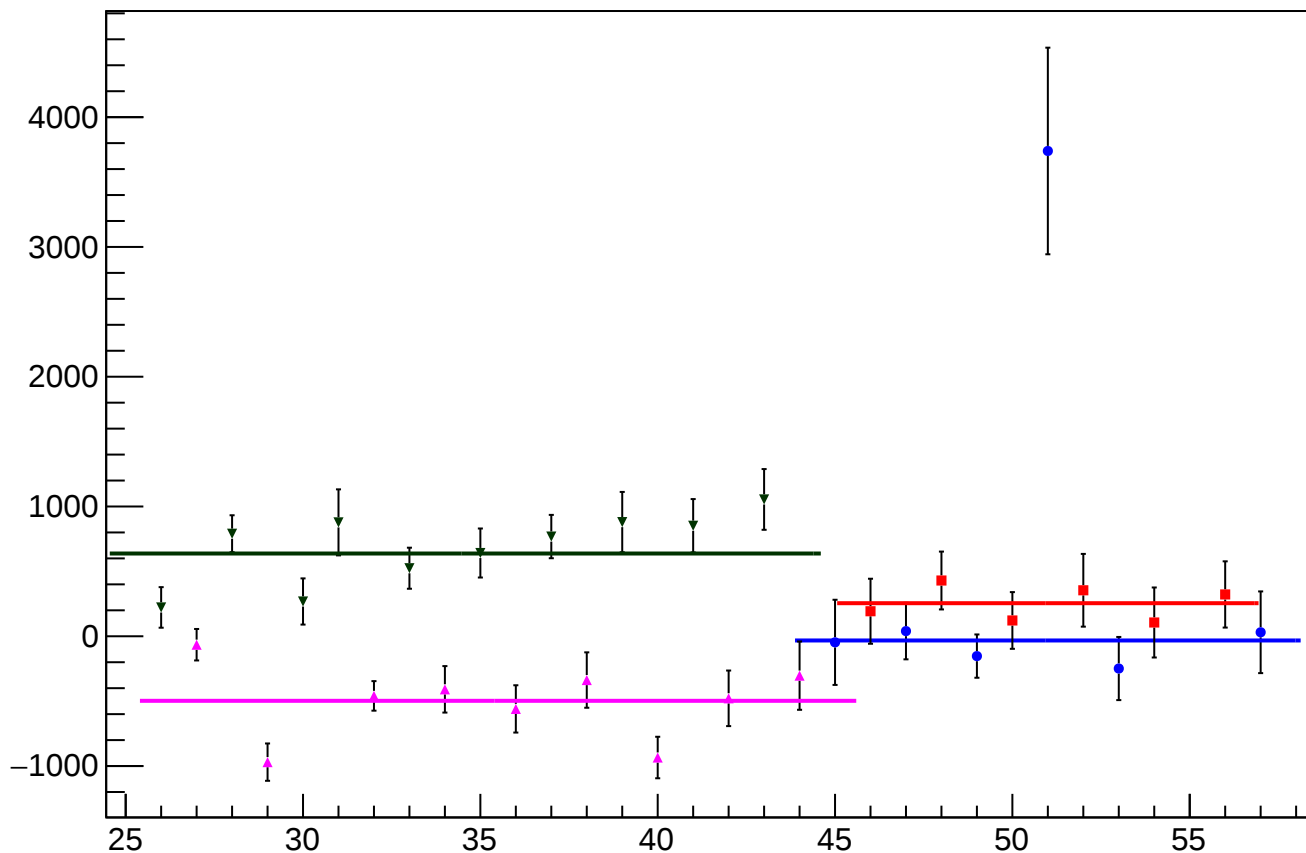
Right Out: 0.903+/-0.000 χ^2/NDF : 796.2/5

Left In: 0.957+/-0.000 χ^2/NDF : 411279.5/8

0.939+/-0.000 χ^2/NDF : 383014.8/15

0.937+/-0.000 χ^2/NDF : 425384.2/14

asym_bcm0l02_mean vs slug



Right In: -32.370 $\pm$ 102.643 χ^2/NDF : 23.9/5

Left Out: 637.702 $\pm$ 57.571 χ^2/NDF :19.9/9

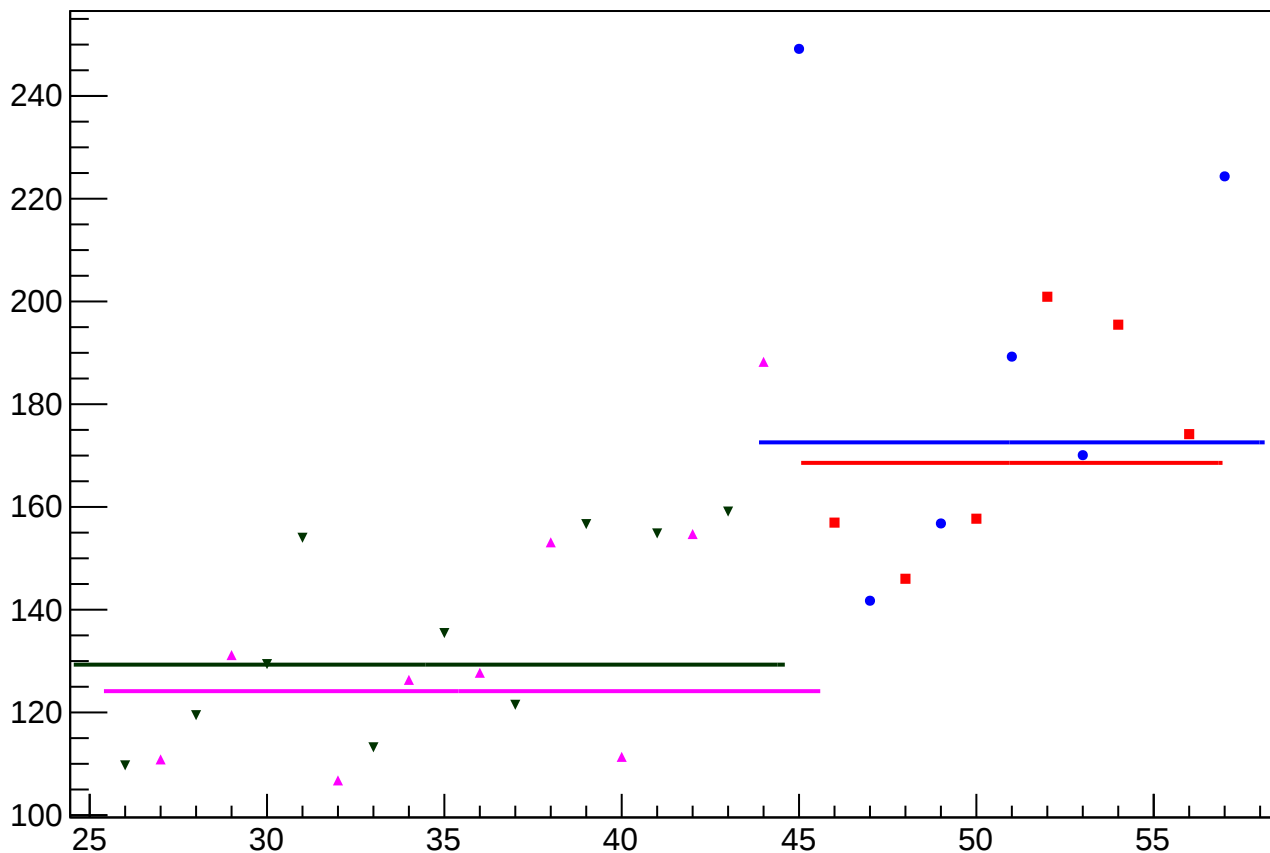
Right Out: 254.883 $\pm$ 100.587 χ^2/NDF : 1.5/5

Left In: -497.375 $\pm$ 53.287 χ^2/NDF :32.6/8

477.348 $\pm$ 50.212 χ^2/NDF : 76.2/15

-332.521 $\pm$ 47.088 χ^2/NDF : 77.8/14

asym_bcm0l02_rms vs slug



Right In: 172.571+/-0.073 χ^2/NDF : 222233.9/5

Left Out: 129.305+/-0.041 χ^2/NDF :178100.8/9

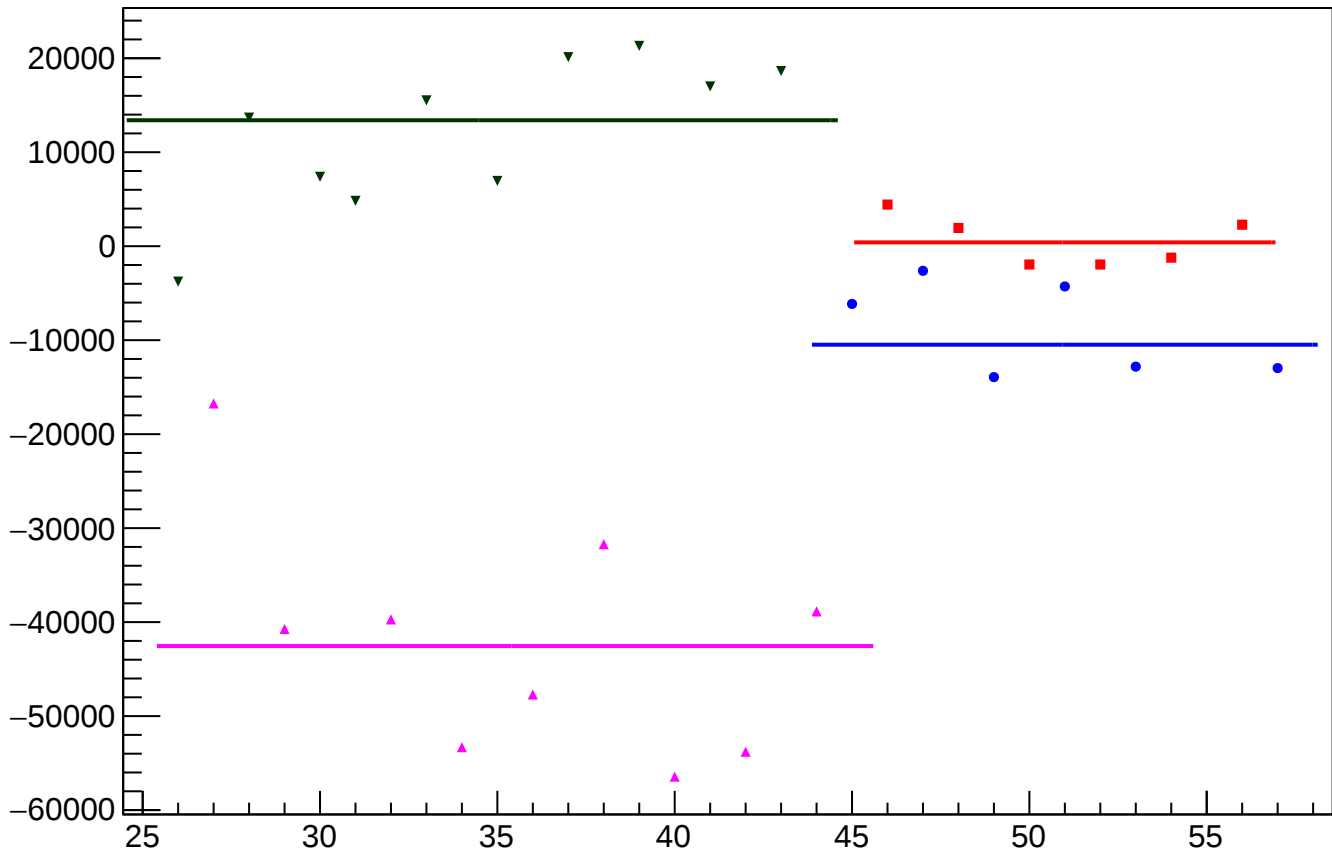
Right Out: 168.580+/-0.071 χ^2/NDF : 77221.5/5

Left In: 124.144+/-0.038 χ^2/NDF :285490.5/8

139.659+/-0.036 χ^2/NDF : 670656.3/15

133.882+/-0.033 χ^2/NDF : 667491.2/14

asym_bpm2i01WS_mean vs slug



Right In: -10482.273+/-56.558 χ^2/NDF : 5769.2/5

Left Out: 13400.444+/-42.949 χ^2/NDF : 28731.1/9

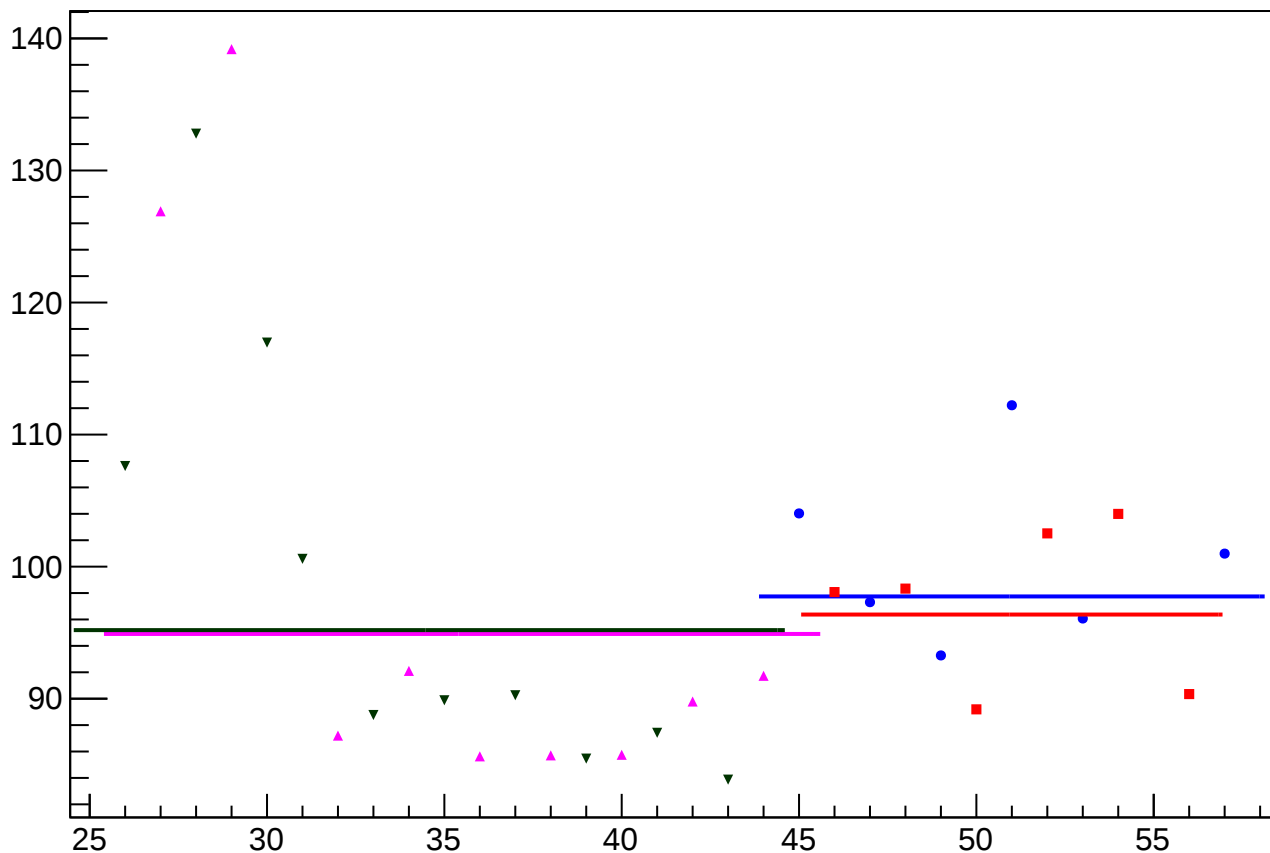
Right Out: 405.547+/-56.944 χ^2/NDF : 1765.6/5

Left In: -42544.825+/-41.418 χ^2/NDF : 71344.1/8

4665.398+/-34.205 χ^2/NDF : 147594.6/15

-27684.320+/-33.495 χ^2/NDF : 445170.5/14

asym_bpm2i01WS_rms vs slug



Right In: 97.744+/-0.040 χ^2/NDF : 11801.6/5

Left Out: 95.193+/-0.030 χ^2/NDF : 206589.2/9

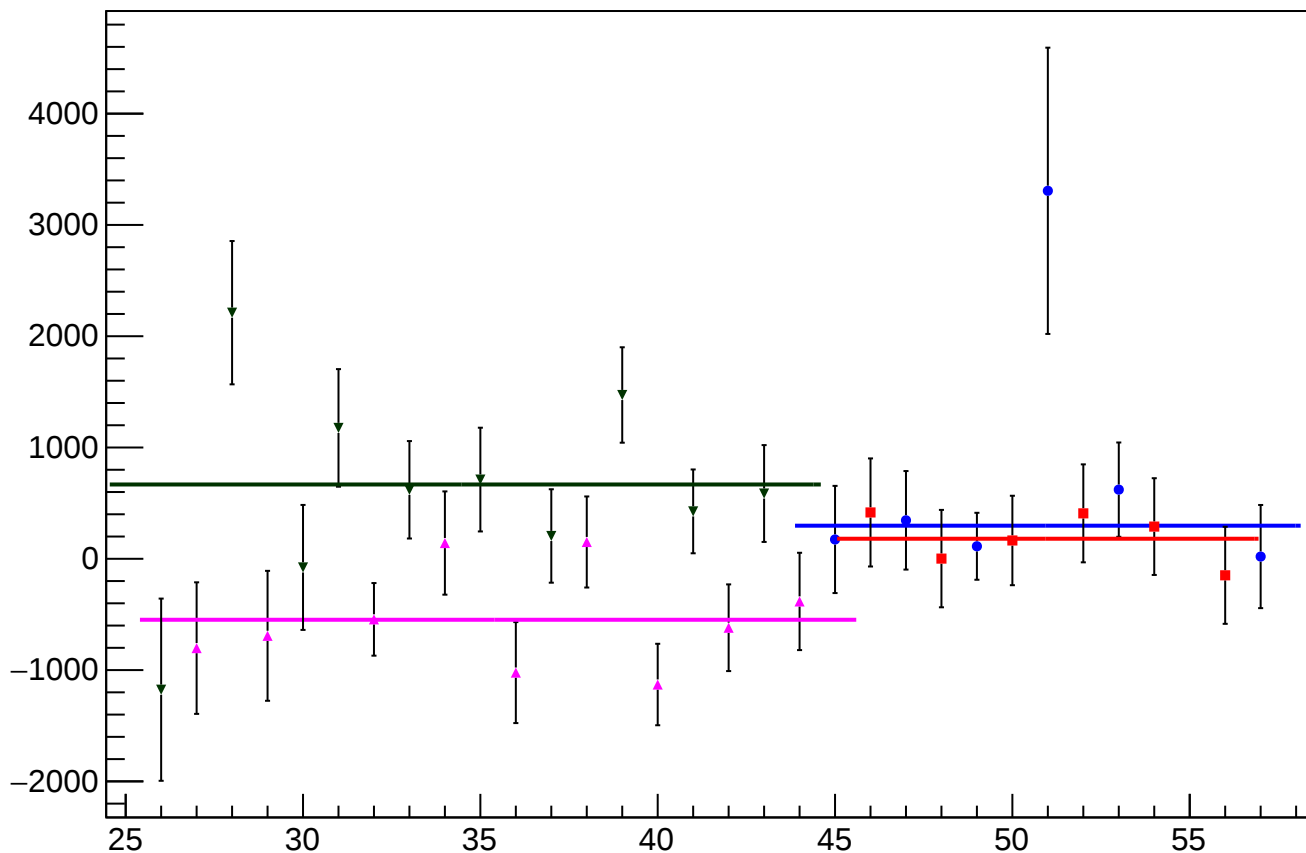
Right Out: 96.372+/-0.040 χ^2/NDF : 20969.1/5

Left In: 94.903+/-0.029 χ^2/NDF : 314276.8/8

96.126+/-0.024 χ^2/NDF : 220970.3/15

95.411+/-0.024 χ^2/NDF : 336117.1/14

asym_bpm0i07WS_mean vs slug



Right In: 297.461+/-178.755 χ^2/NDF : 6.9/5

Left Out: 667.747+/-150.881 χ^2/NDF : 18.7/9

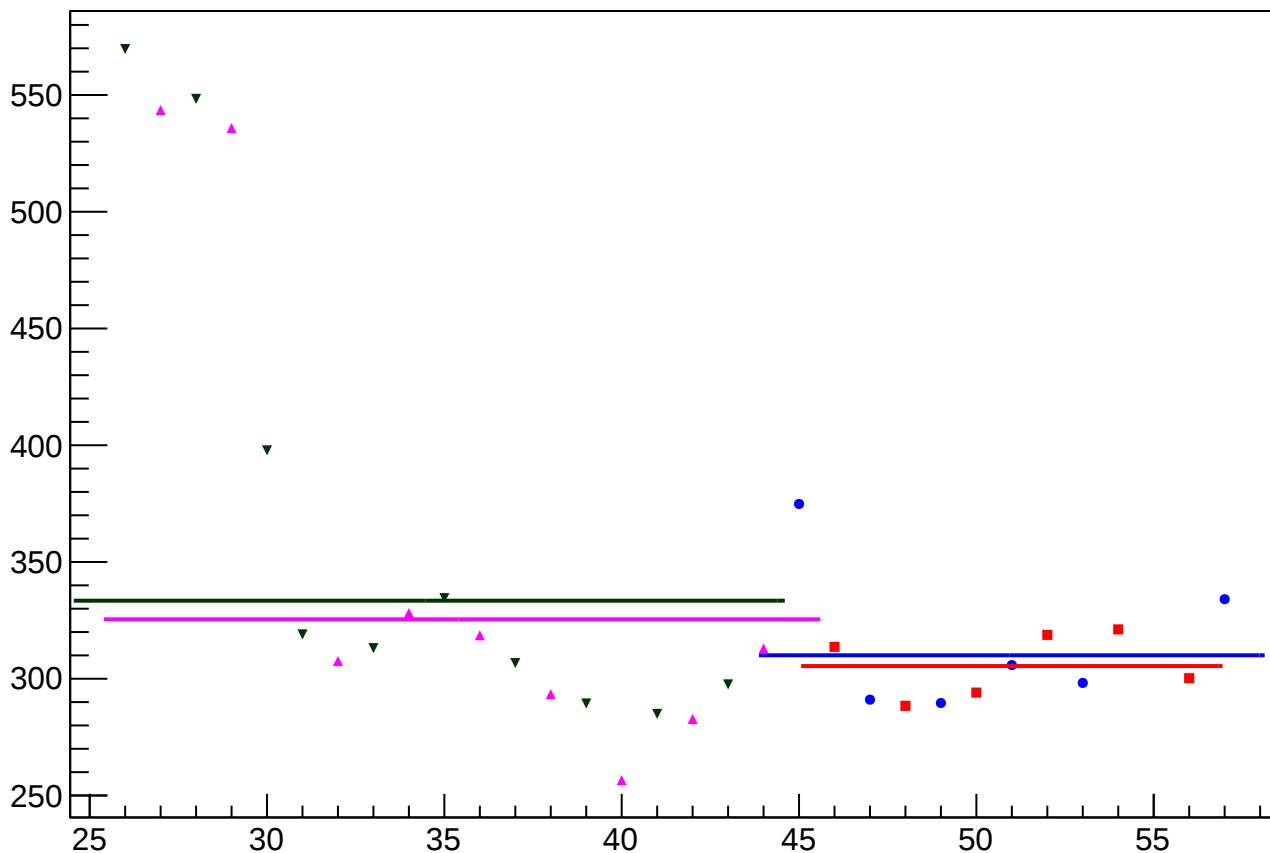
Right Out: 180.238+/-178.559 χ^2/NDF : 1.3/5

Left In: -547.894+/-141.485 χ^2/NDF : 9.2/8

513.692+/-115.299 χ^2/NDF : 28.1/15

-267.057+/-110.893 χ^2/NDF : 20.7/14

asym_bpm0i07WS_rms vs slug



Right In: 310.045 ± 0.126 χ^2/NDF : 56097.2/5

Left Out: 333.428 ± 0.107 χ^2/NDF : 497404.6/9

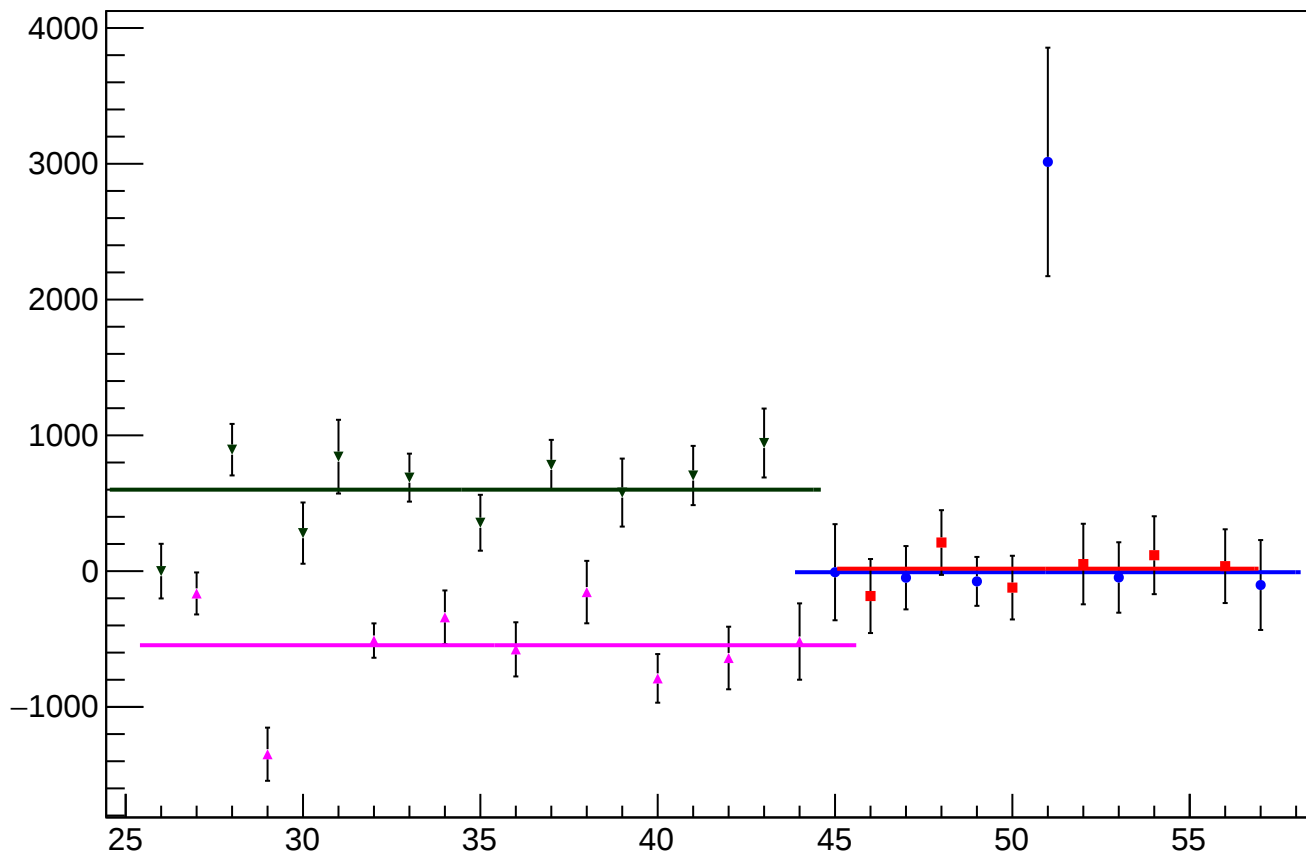
Right Out: 305.440 ± 0.126 χ^2/NDF : 9946.3/5

Left In: 325.459 ± 0.100 χ^2/NDF : 647226.3/8

323.700 ± 0.082 χ^2/NDF : 573485.9/15

317.738 ± 0.078 χ^2/NDF : 672615.6/14

asym_bpm0l01WS_mean vs slug



Right In: -7.891+/-110.013 χ^2 /NDF: 13.2/5

Left Out: 600.051+/-66.921 χ^2 /NDF:18.8/9

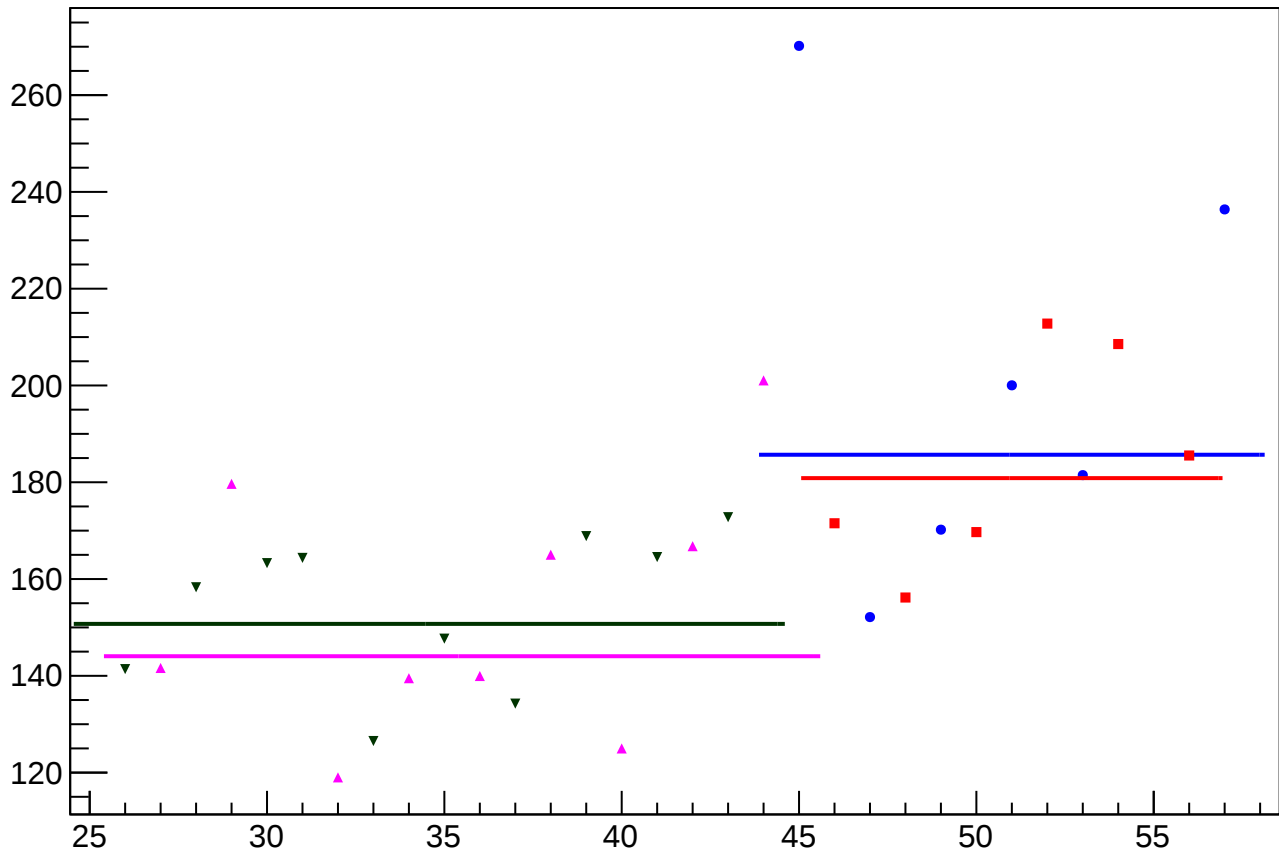
Right Out: 18.025+/-107.630 χ^2 /NDF: 1.7/5

Left In: -545.607+/-61.713 χ^2 /NDF:29.0/8

435.852+/-57.174 χ^2 /NDF: 54.3/15

-406.150+/-53.537 χ^2 /NDF: 51.3/14

asym_bpm0l01WS_rms vs slug



Right In: 185.685+/-0.078 χ^2/NDF : 218170.2/5

Left Out: 150.733+/-0.047 χ^2/NDF :106311.0/9

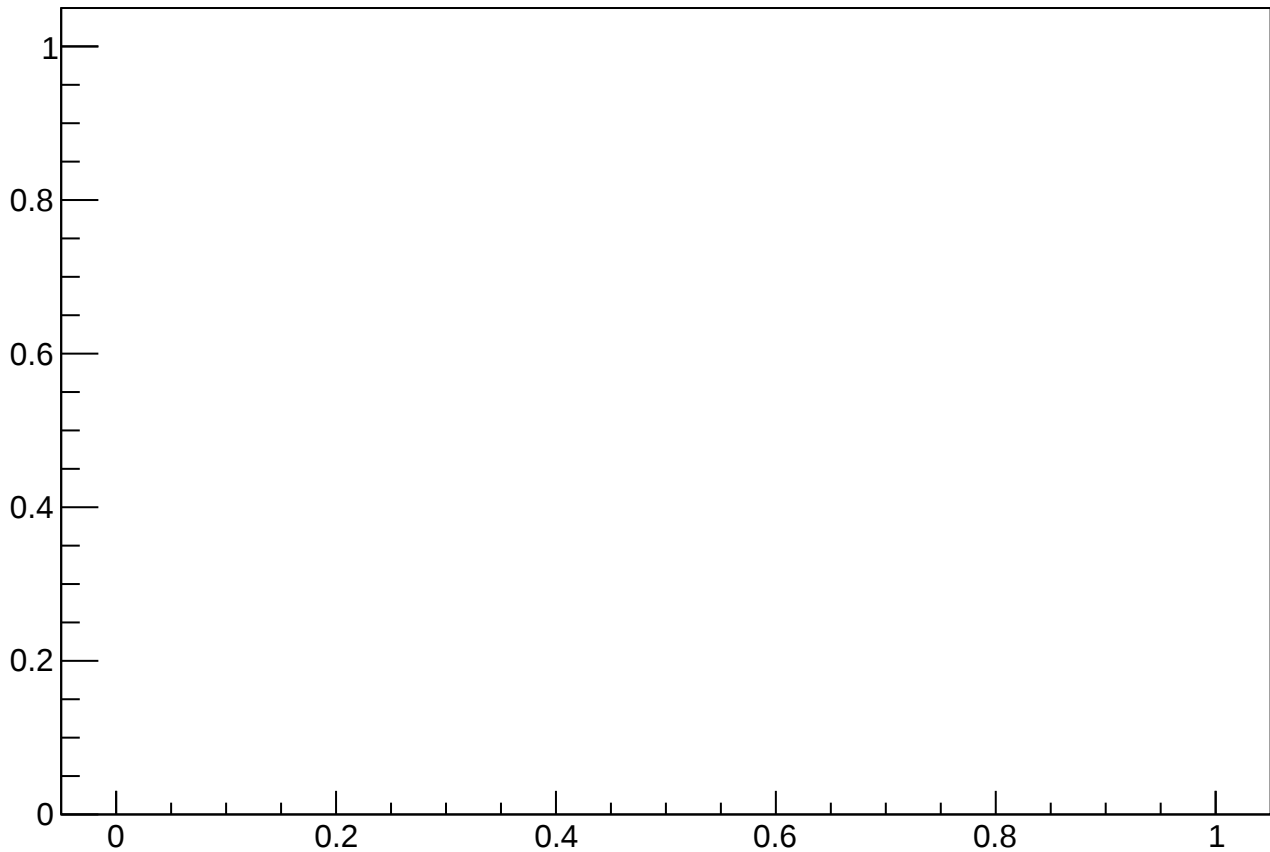
Right Out: 180.854+/-0.076 χ^2/NDF : 70738.7/5

Left In: 144.050+/-0.044 χ^2/NDF :287778.2/8

160.173+/-0.040 χ^2/NDF : 471837.0/15

153.156+/-0.038 χ^2/NDF : 534514.8/14

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

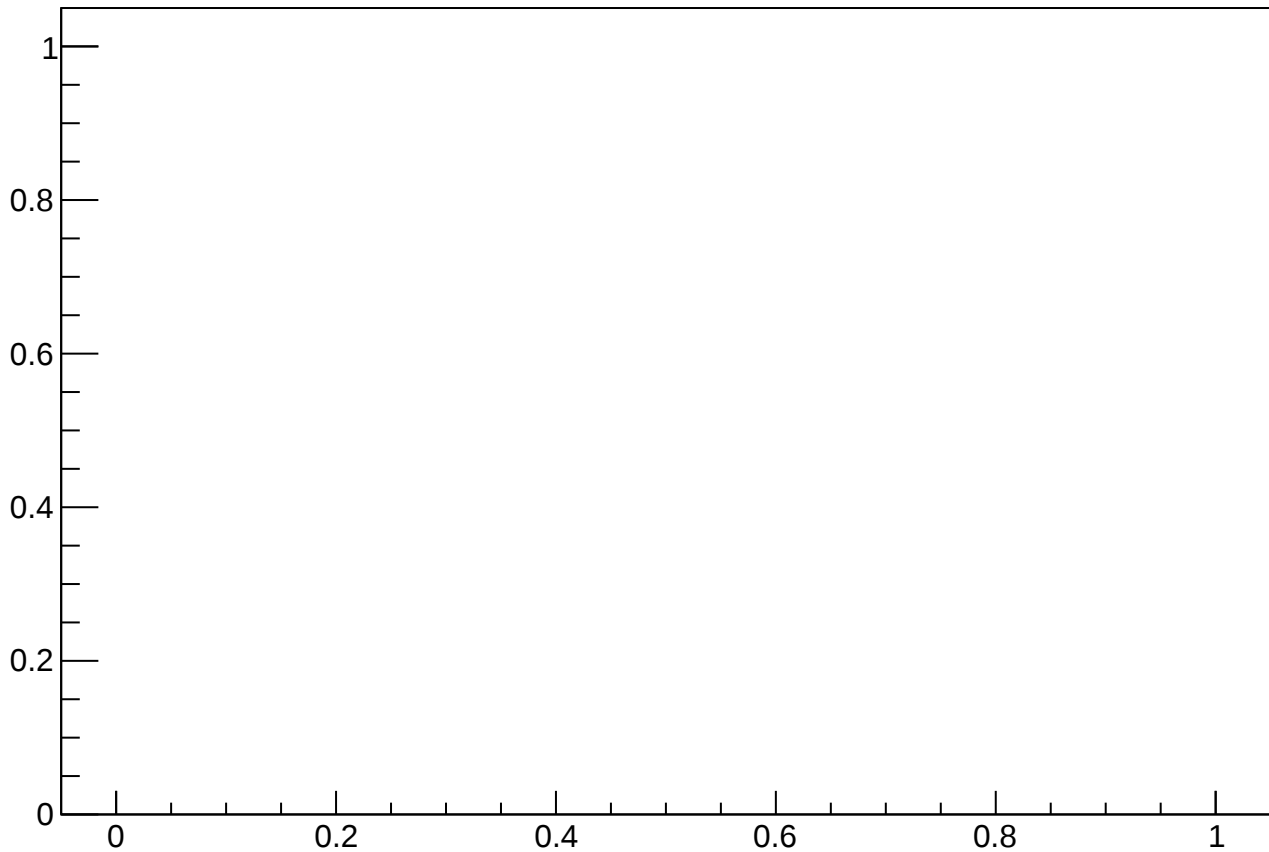
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

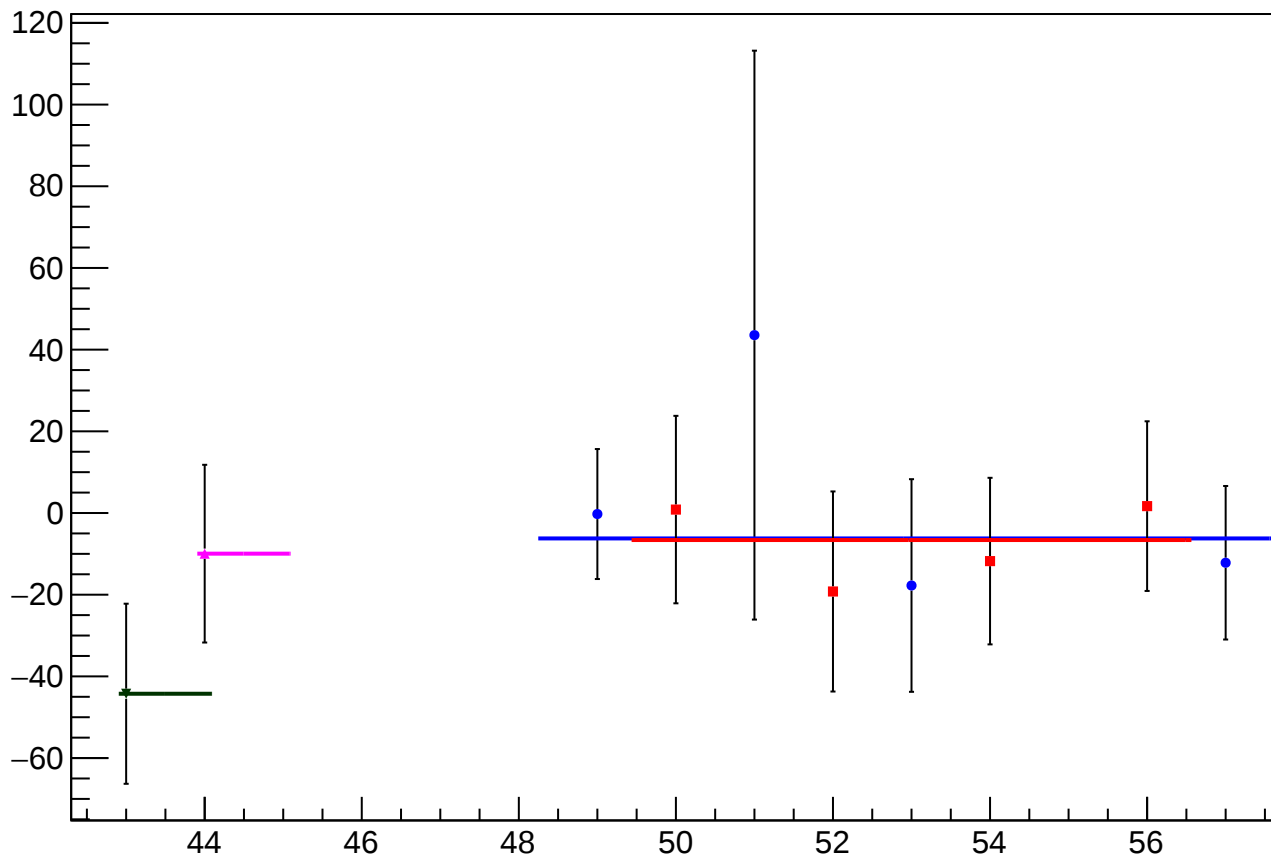
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -6.225 $\pm$ 10.871 χ^2 /NDF: 0.9/3

Left Out: -44.252 $\pm$ 22.047 χ^2 /NDF: 0.0/0

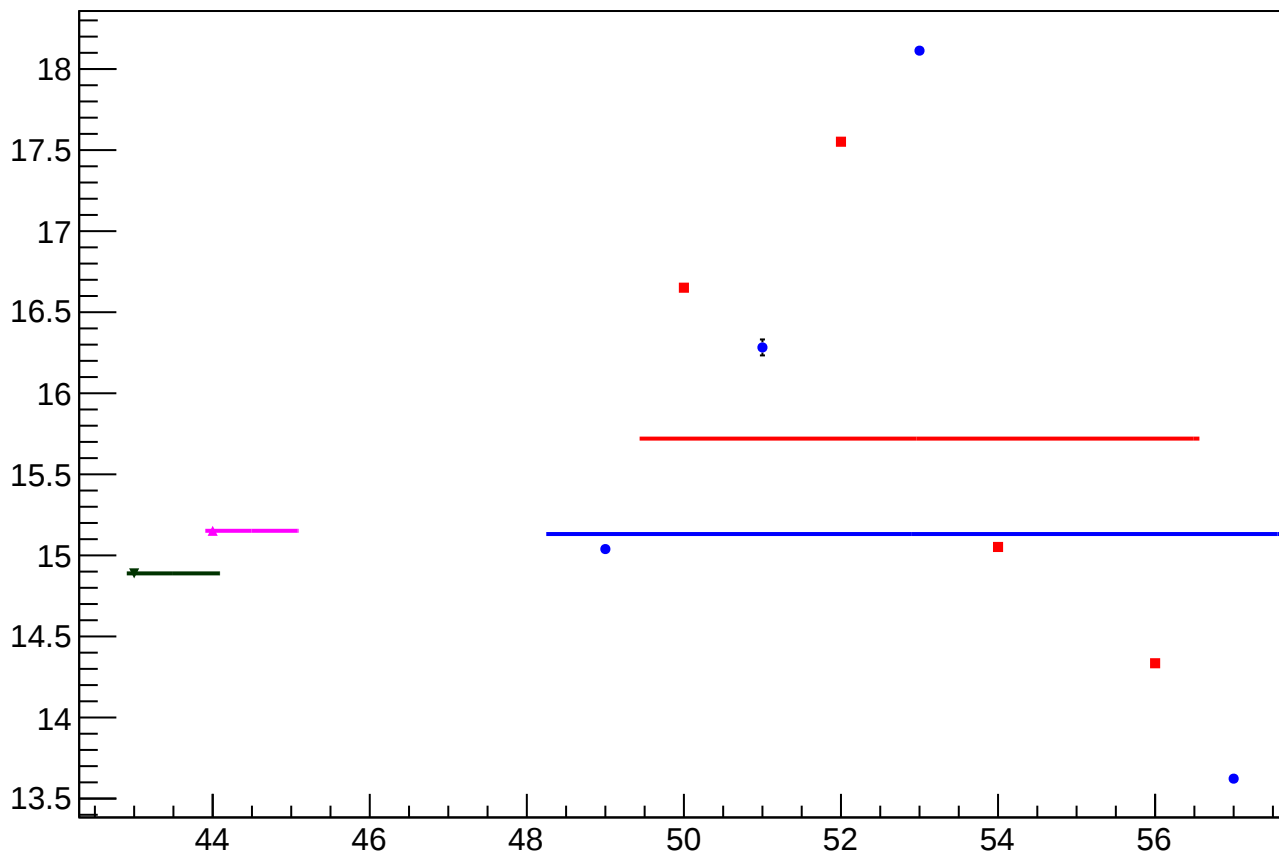
Right Out: -6.616 $\pm$ 10.984 χ^2 /NDF: 0.6/3

Left In: -9.952 $\pm$ 21.757 χ^2 /NDF: 0.0/0

-13.662 $\pm$ 9.750 χ^2 /NDF: 3.3/4

-7.294 $\pm$ 9.805 χ^2 /NDF: 0.6/4

bcm_an_us_ds_dd _rms vs slug



Right In: 15.132 $\pm$ 0.008 χ^2 /NDF: 39743.2/3

Left Out: 14.889 $\pm$ 0.016 χ^2 /NDF: 0.0/0

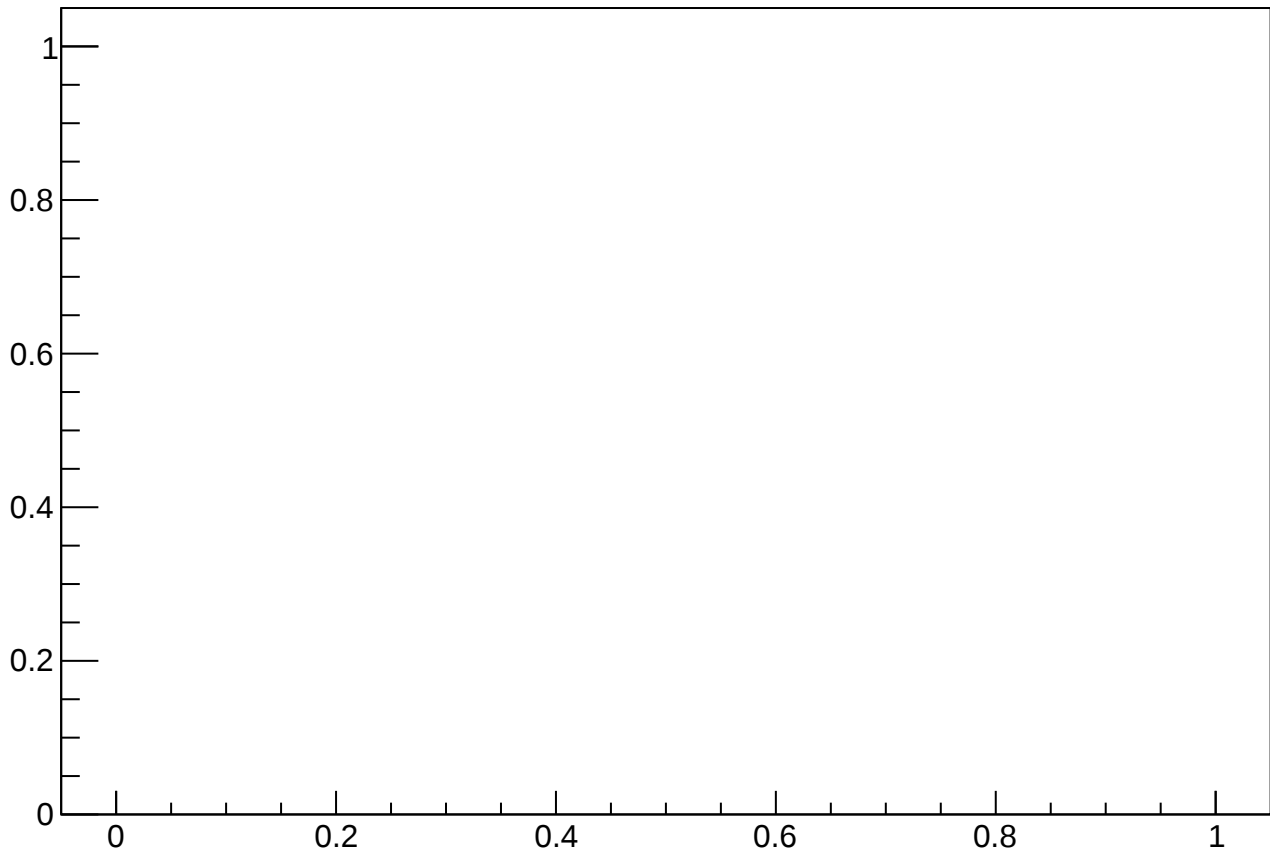
Right Out: 15.720 $\pm$ 0.008 χ^2 /NDF: 25521.0/3

Left In: 15.152 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.084 $\pm$ 0.007 χ^2 /NDF: 39938.3/4

15.605 $\pm$ 0.007 χ^2 /NDF: 26609.8/4

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

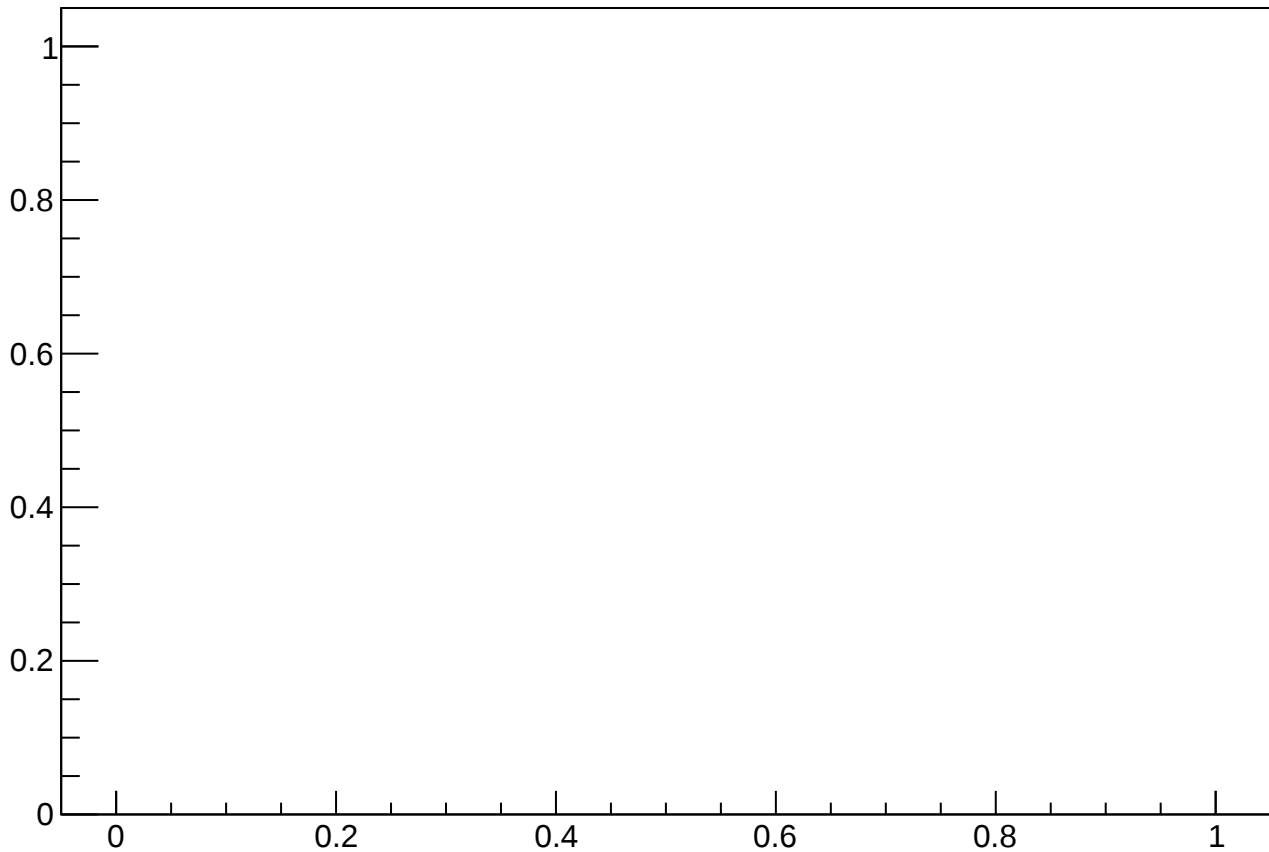
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

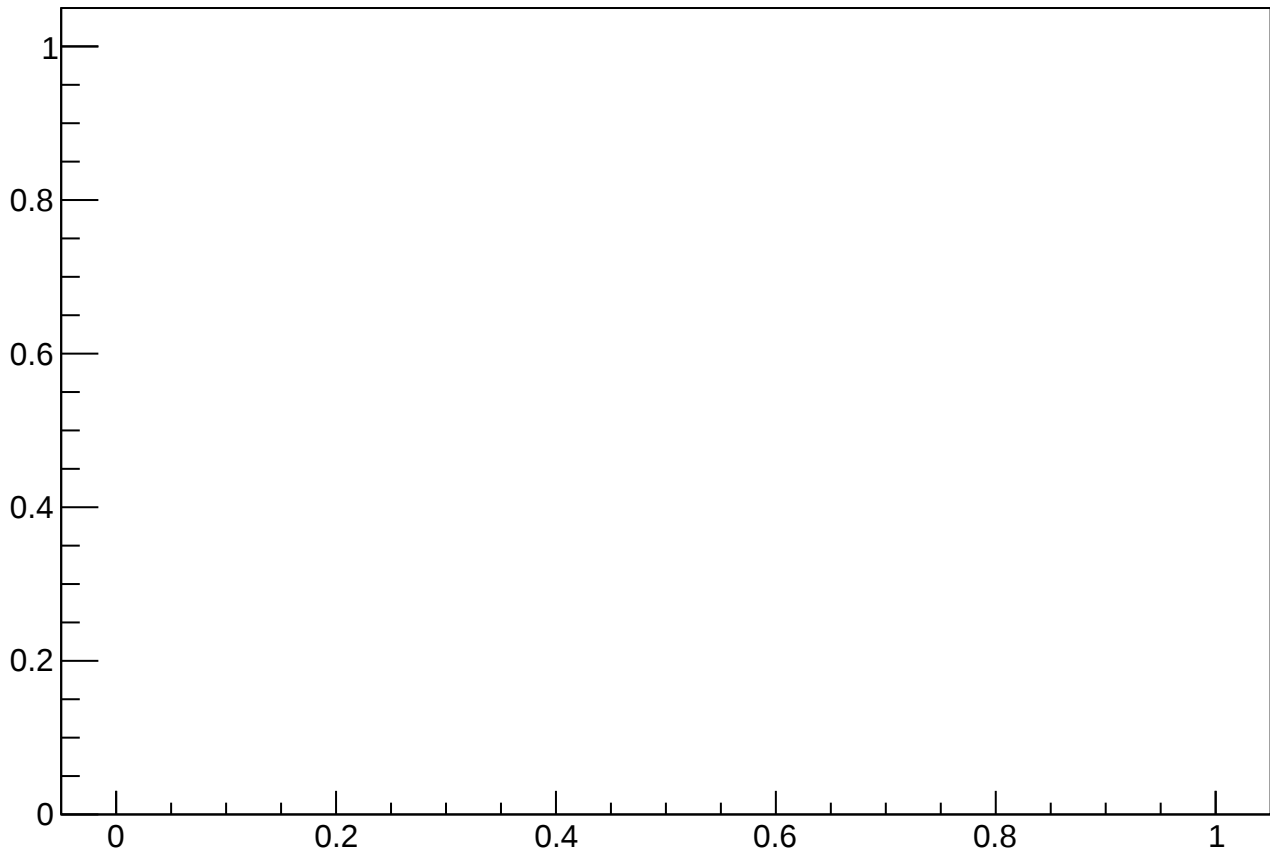
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

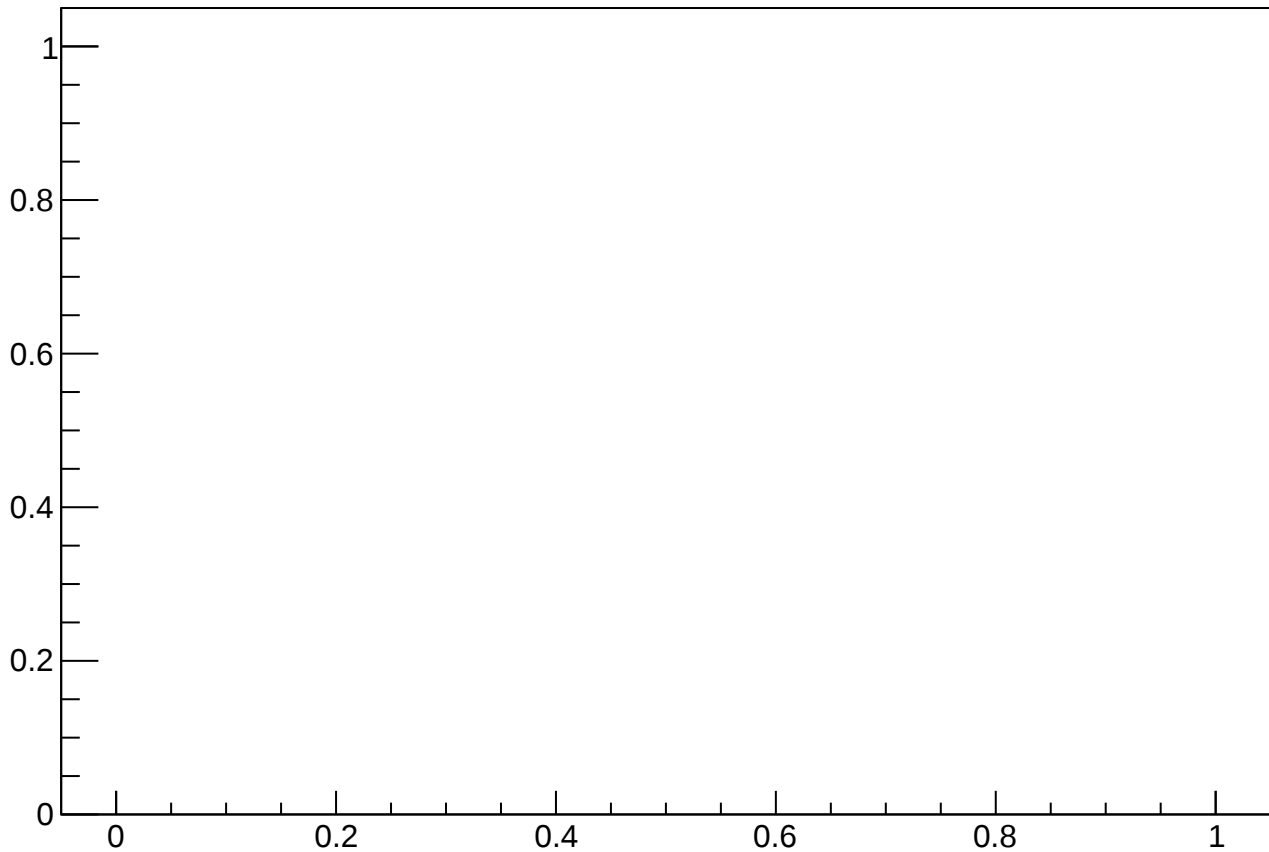
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

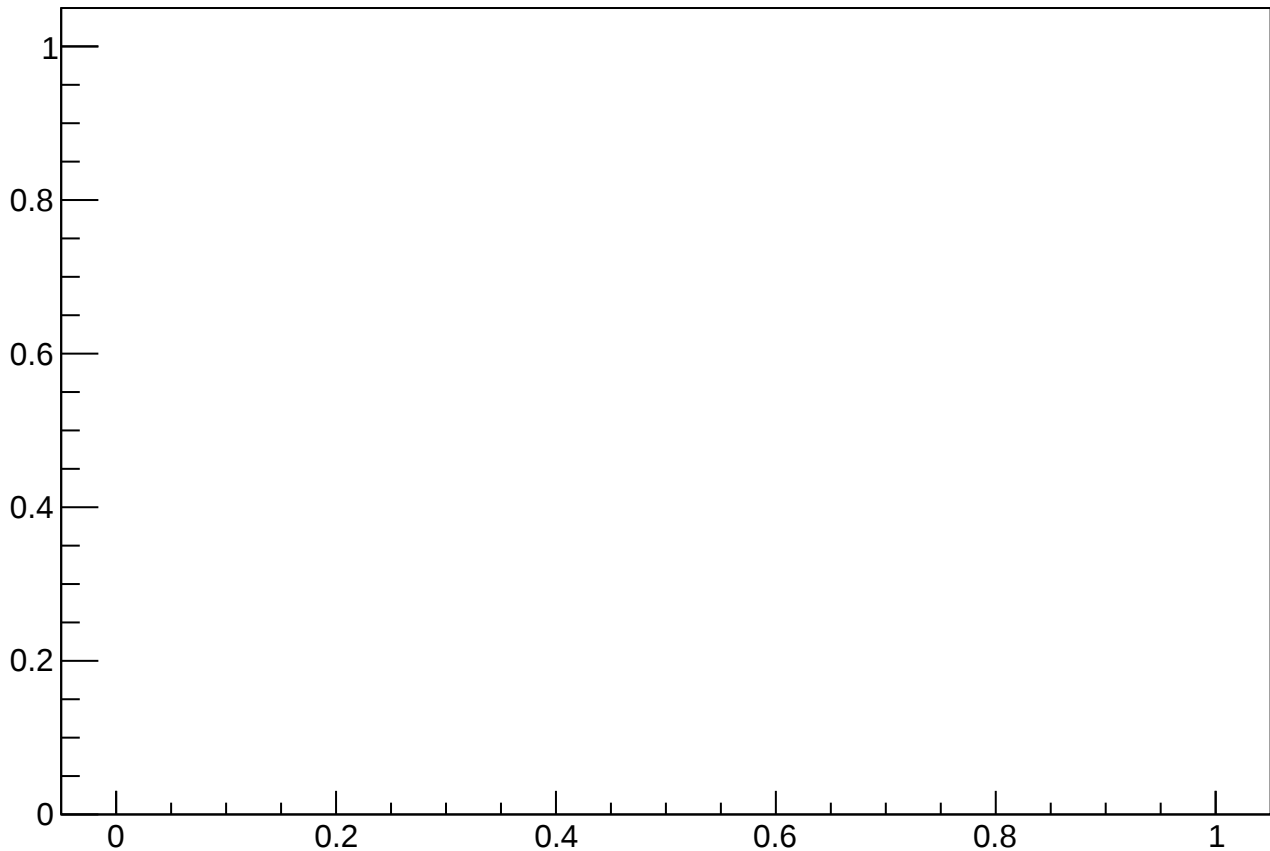
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

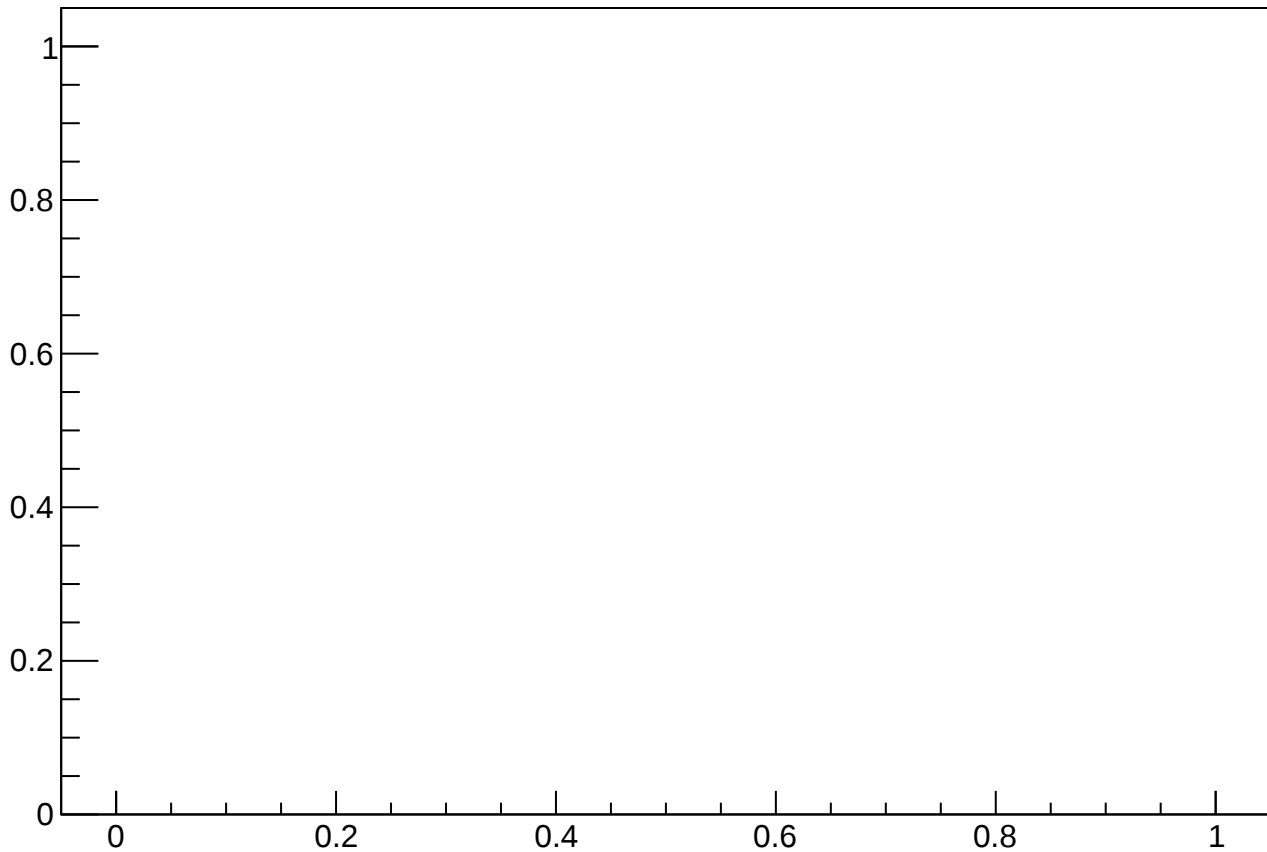
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

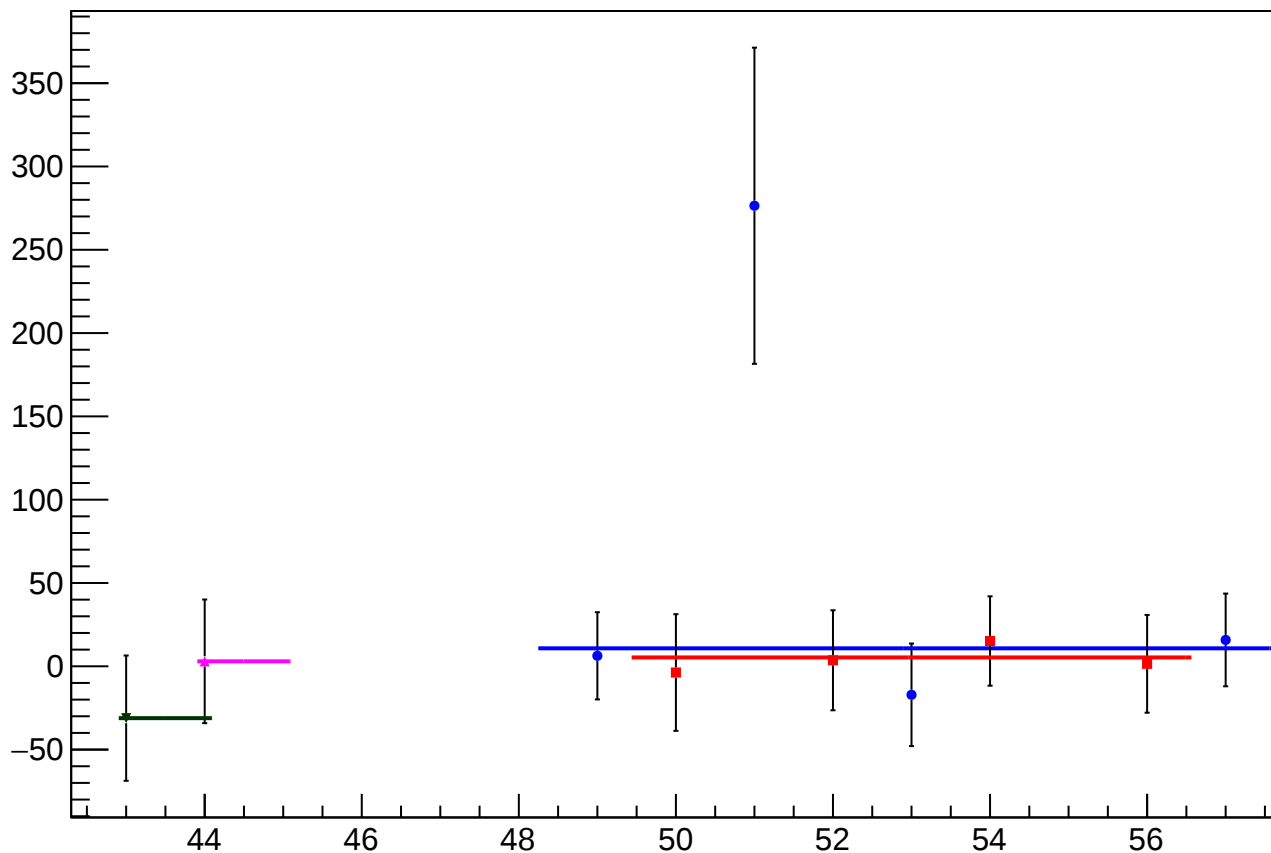
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_dd_mean vs slug



Right In: 10.784 $\pm$ 15.978 χ^2 /NDF: 8.7/3

Left Out: -31.130 $\pm$ 37.603 χ^2 /NDF: 0.0/0

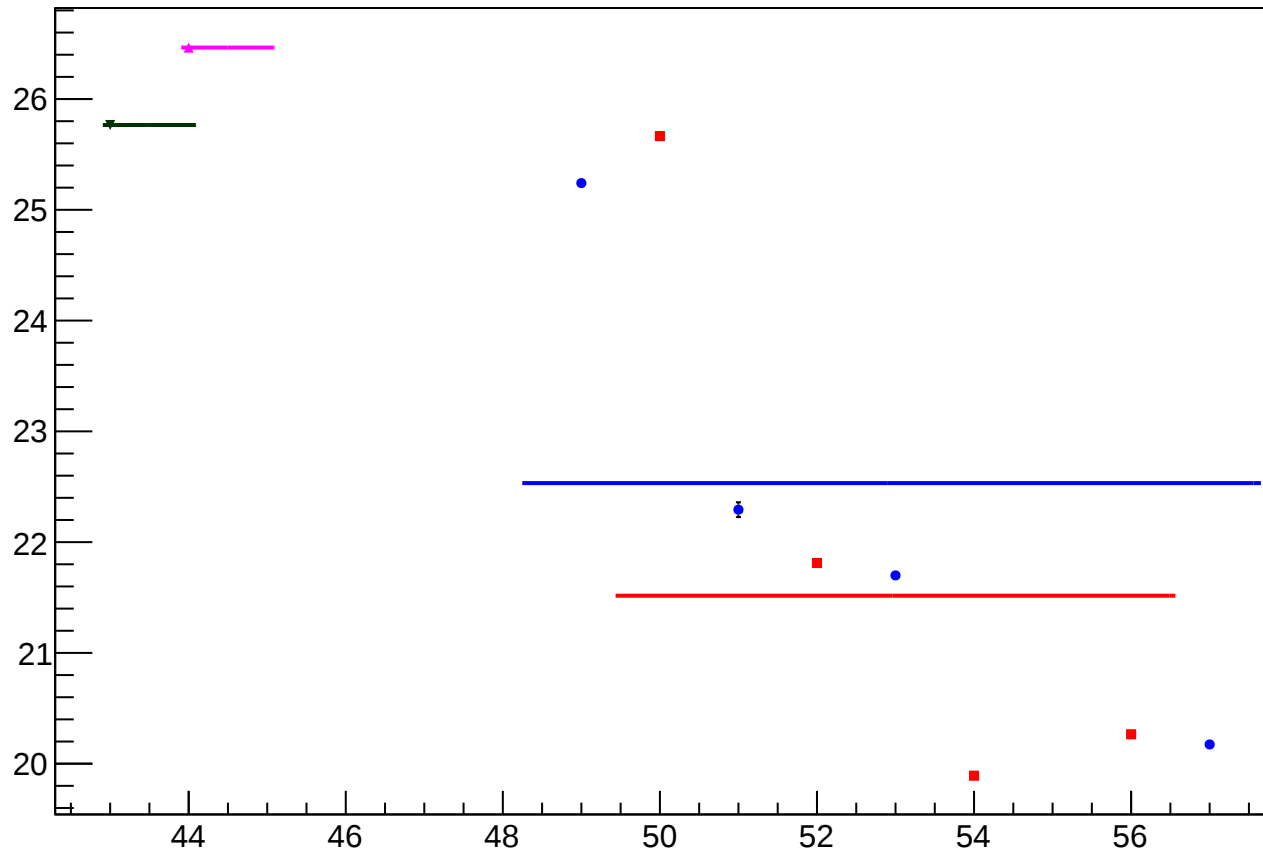
Right Out: 5.309 $\pm$ 14.944 χ^2 /NDF: 0.2/3

Left In: 2.964 $\pm$ 37.111 χ^2 /NDF: 0.0/0

4.373 $\pm$ 14.705 χ^2 /NDF: 9.8/4

4.982 $\pm$ 13.863 χ^2 /NDF: 0.2/4

bcm_dg_us_ds_dd _rms vs slug



Right In: 22.533 ± 0.011 χ^2/NDF : 37266.1/3

Left Out: 25.766 ± 0.027 χ^2/NDF : 0.0/0

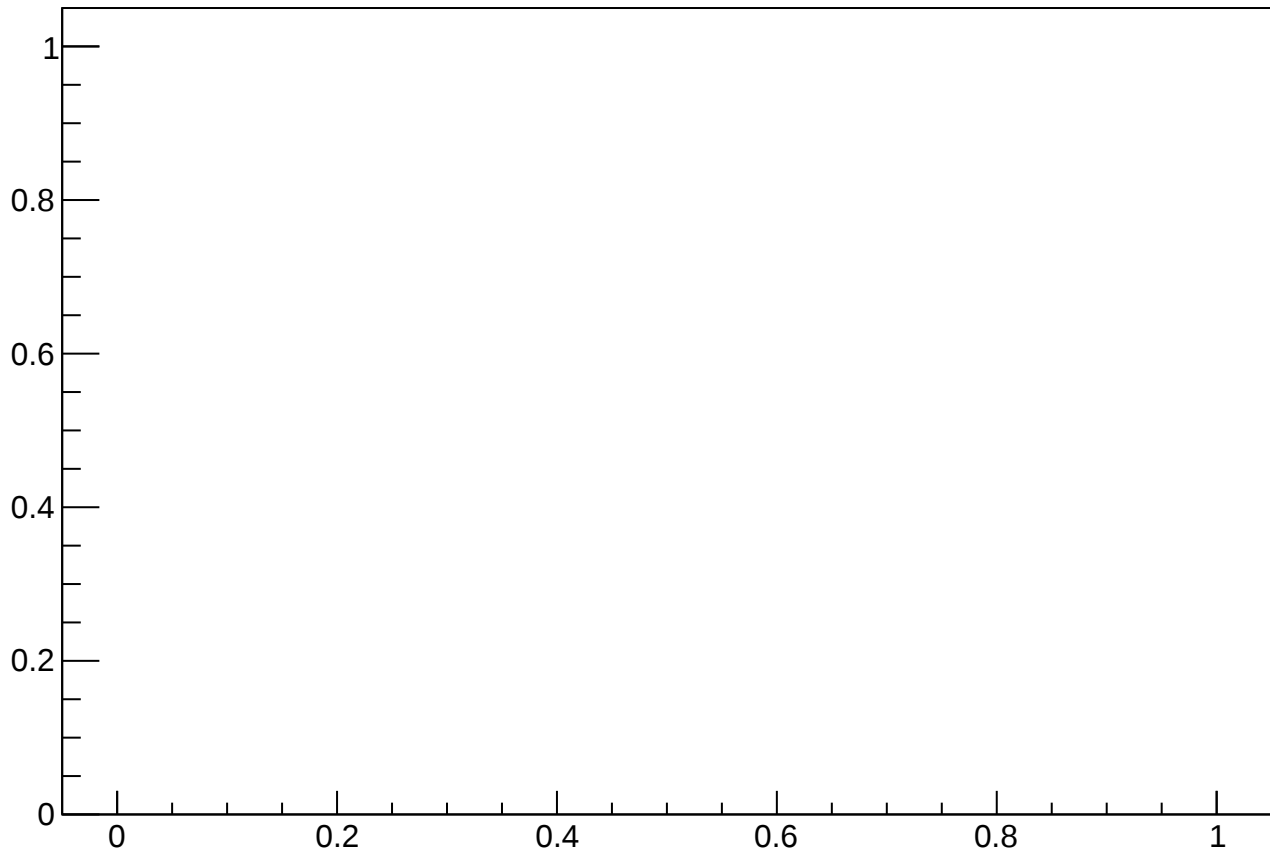
Right Out: 21.516 ± 0.011 χ^2/NDF : 39262.5/3

Left In: 26.465 ± 0.026 χ^2/NDF : 0.0/0

23.027 ± 0.010 χ^2/NDF : 49786.1/4

22.207 ± 0.010 χ^2/NDF : 69855.1/4

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

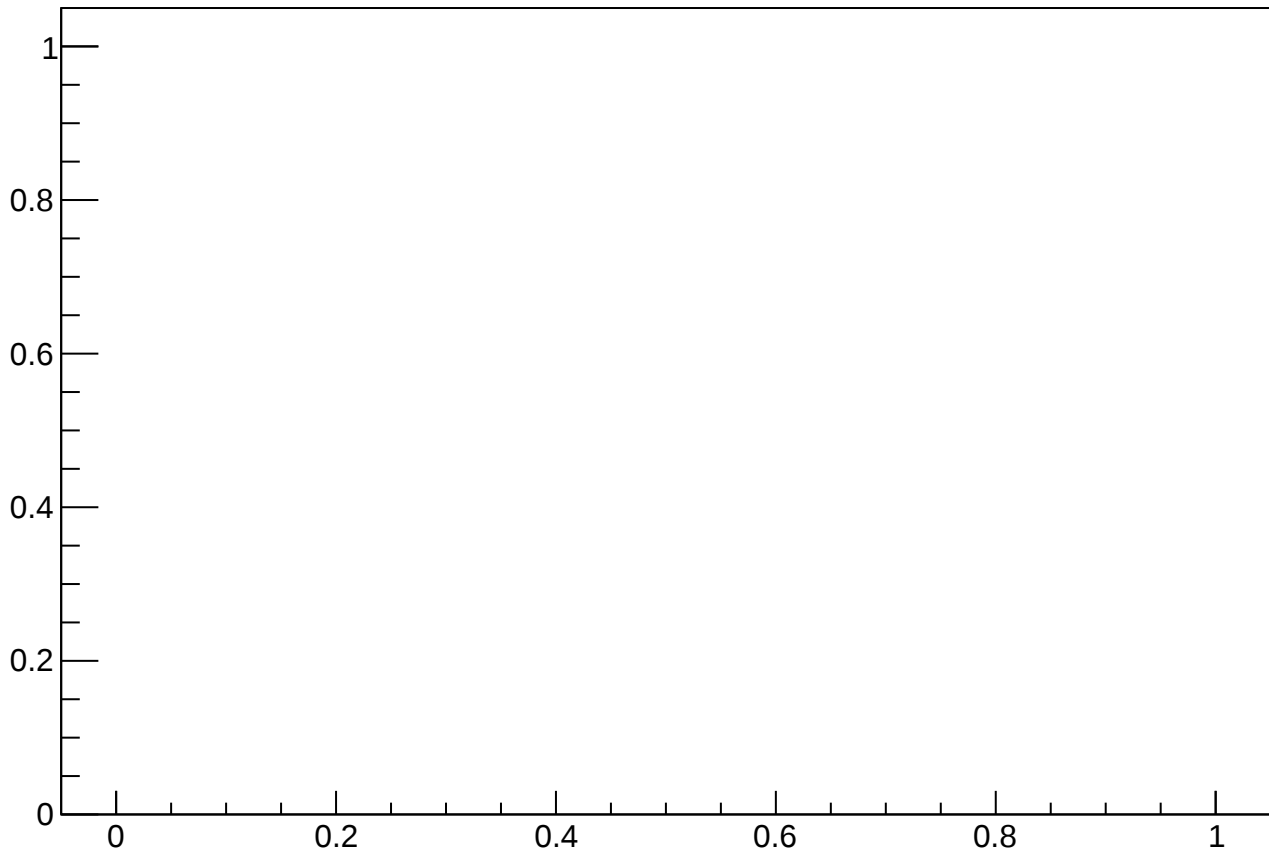
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

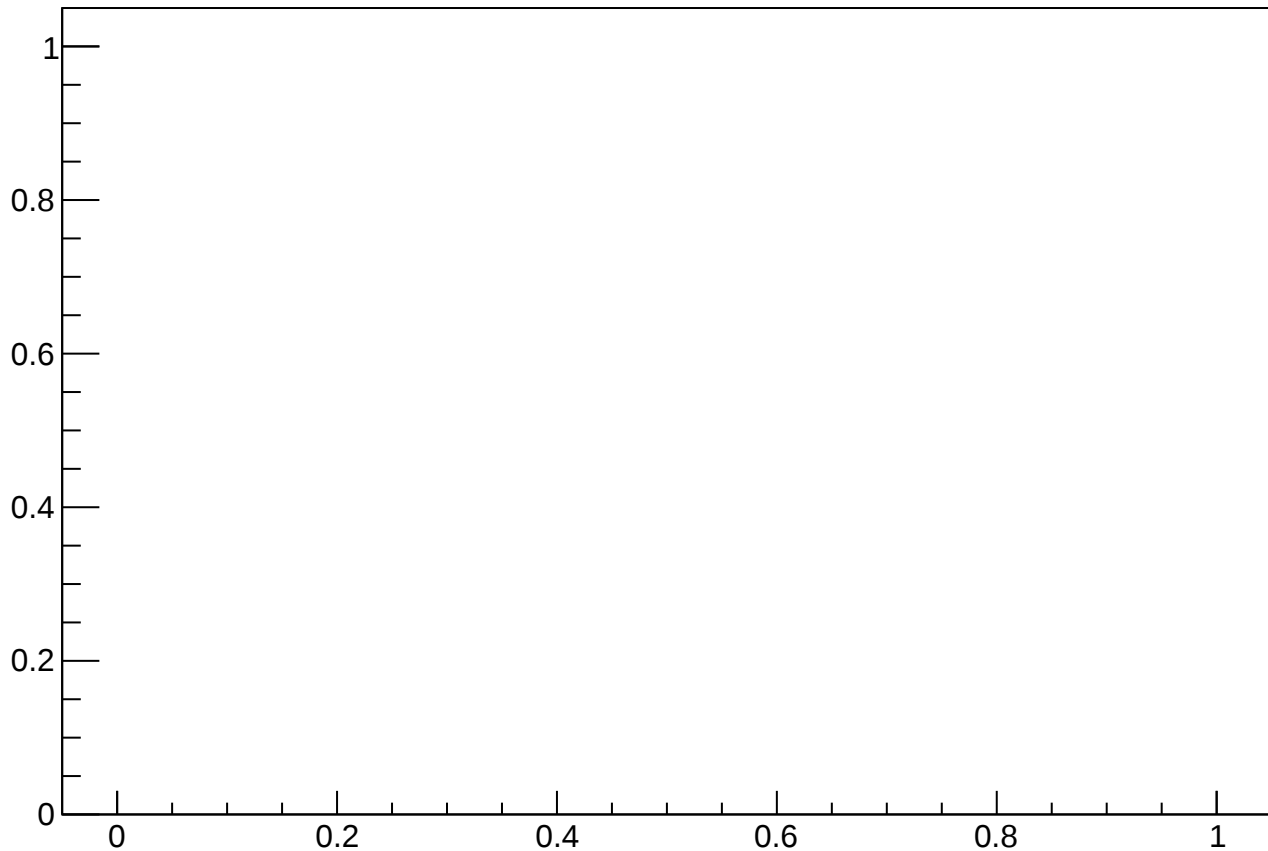
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

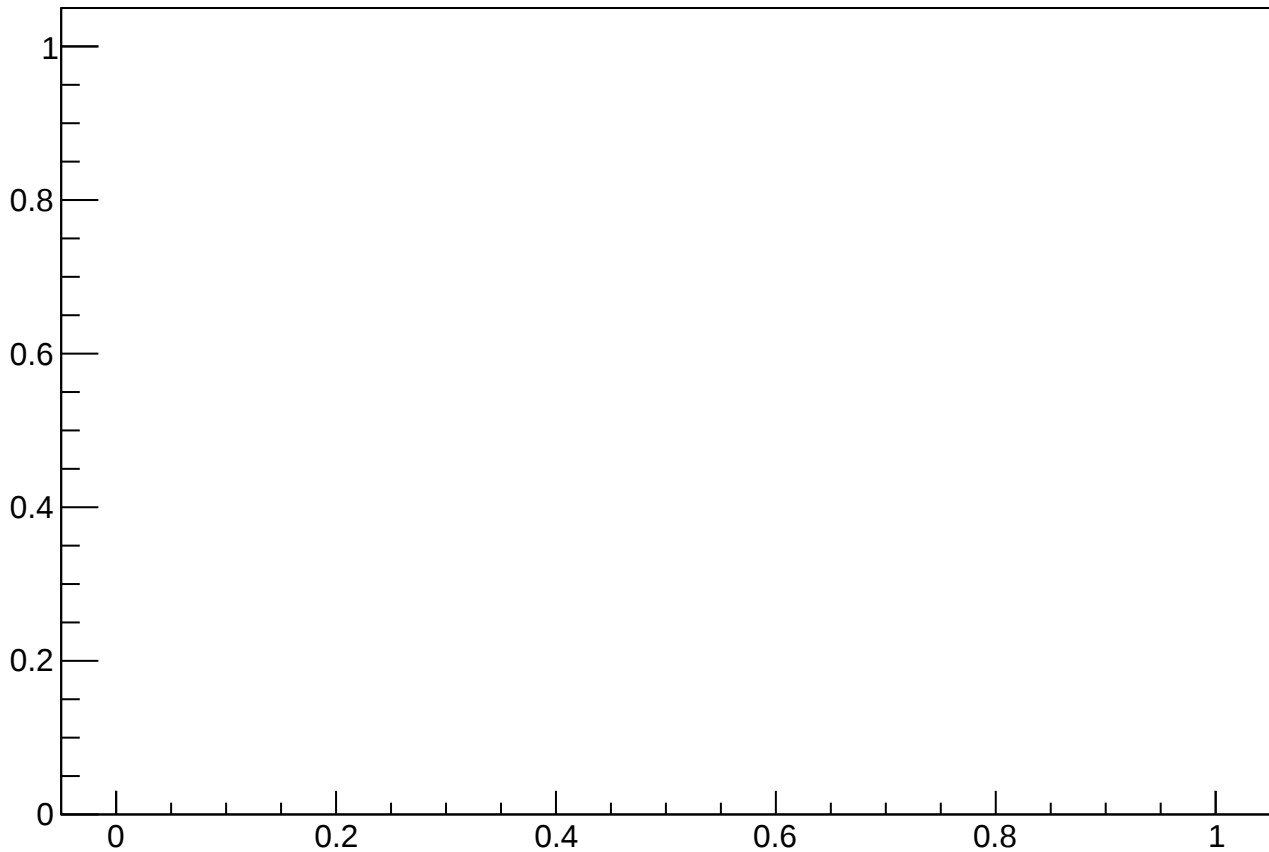
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

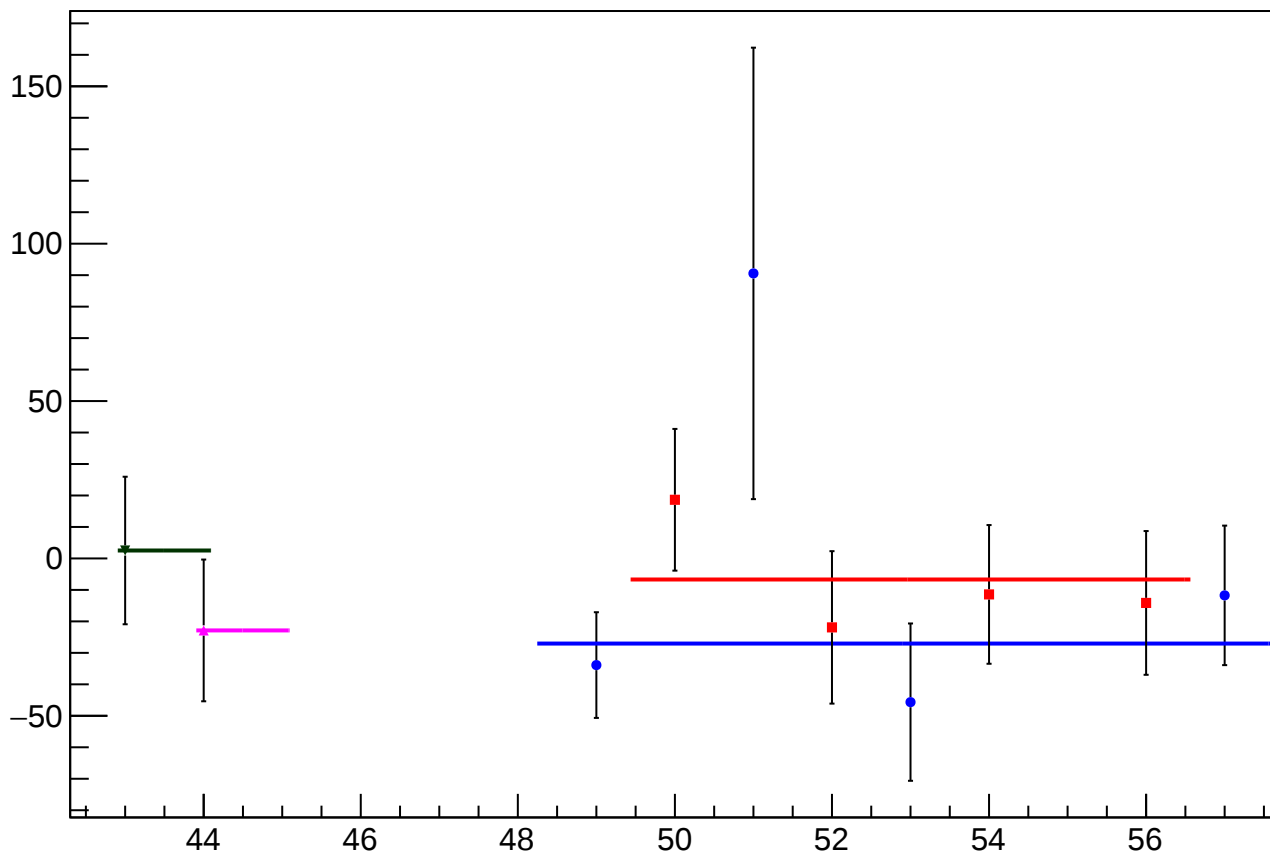
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_ds_ds_dd_mean vs slug



Right In: -27.045 ± 11.641 χ^2/NDF : 3.9/3

Left Out: 2.521 ± 23.436 χ^2/NDF : 0.0/0

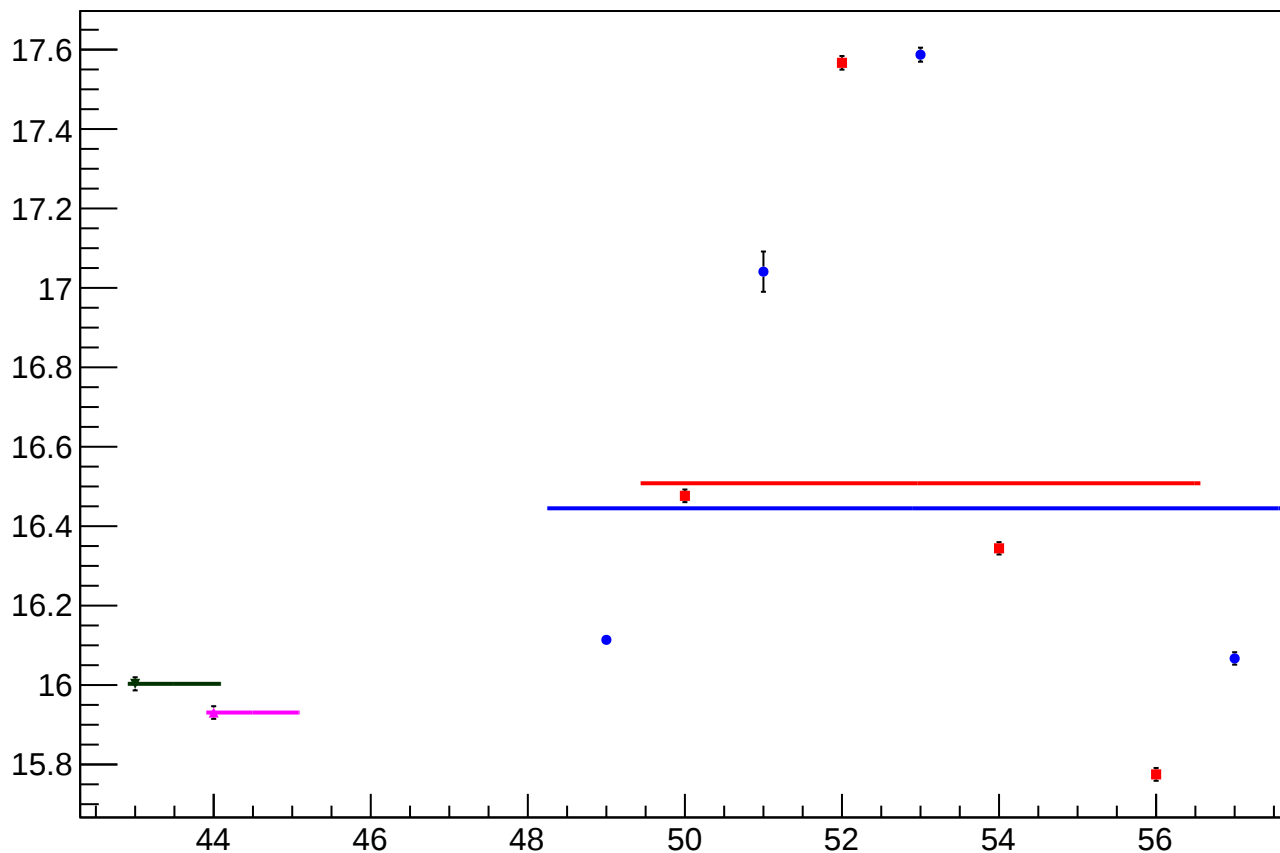
Right Out: -6.691 ± 11.429 χ^2/NDF : 1.8/3

Left In: -22.872 ± 22.514 χ^2/NDF : 0.0/0

-21.194 ± 10.426 χ^2/NDF : 5.2/4

-10.006 ± 10.191 χ^2/NDF : 2.2/4

bcm_dg_ds_ds_dd _rms vs slug



Right In: 16.445 $\pm$ 0.008 χ^2/NDF : 5675.6/3

Left Out: 16.003 $\pm$ 0.017 χ^2/NDF : 0.0/0

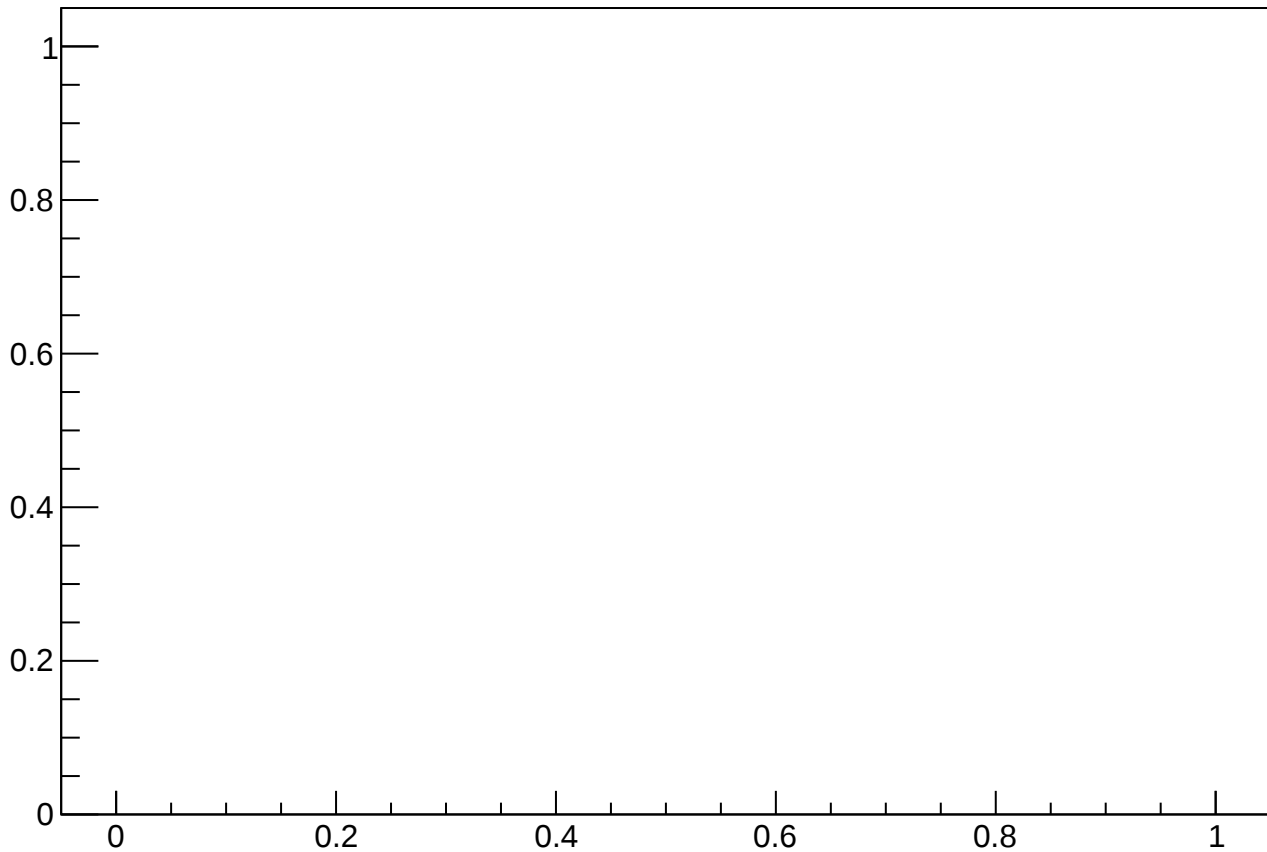
Right Out: 16.508 $\pm$ 0.008 χ^2/NDF : 5997.2/3

Left In: 15.931 $\pm$ 0.016 χ^2/NDF : 0.0/0

16.358 $\pm$ 0.007 χ^2/NDF : 6246.1/4

16.390 $\pm$ 0.007 χ^2/NDF : 7042.7/4

bcm_dg_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

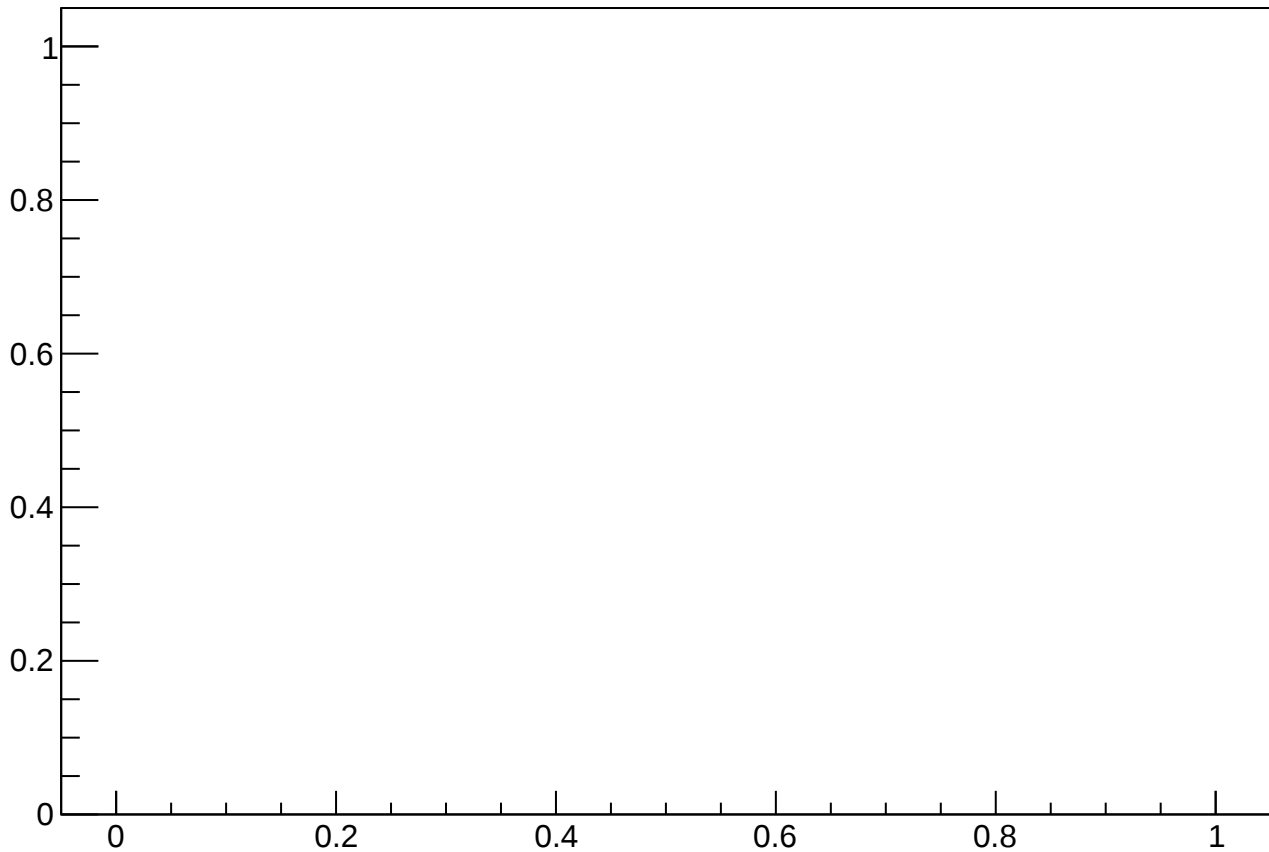
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

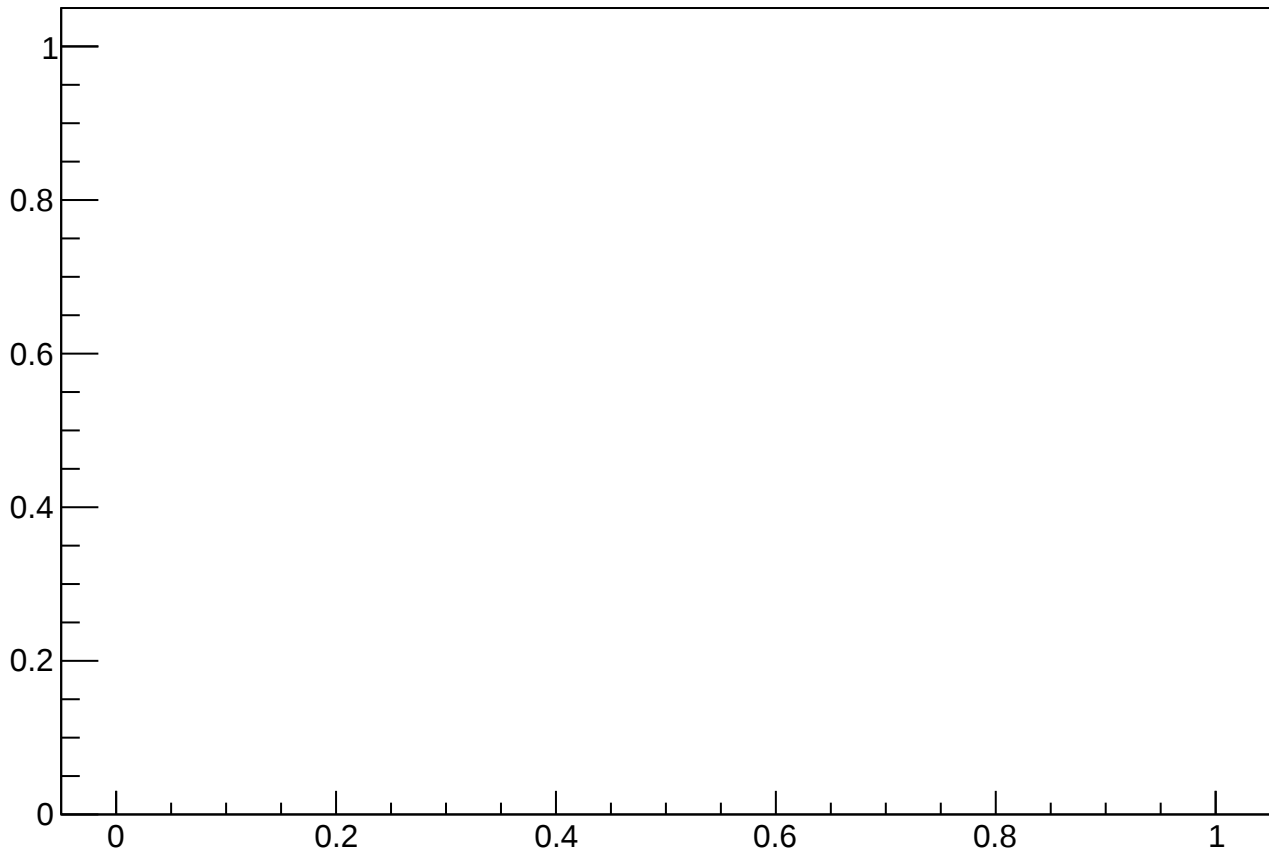
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

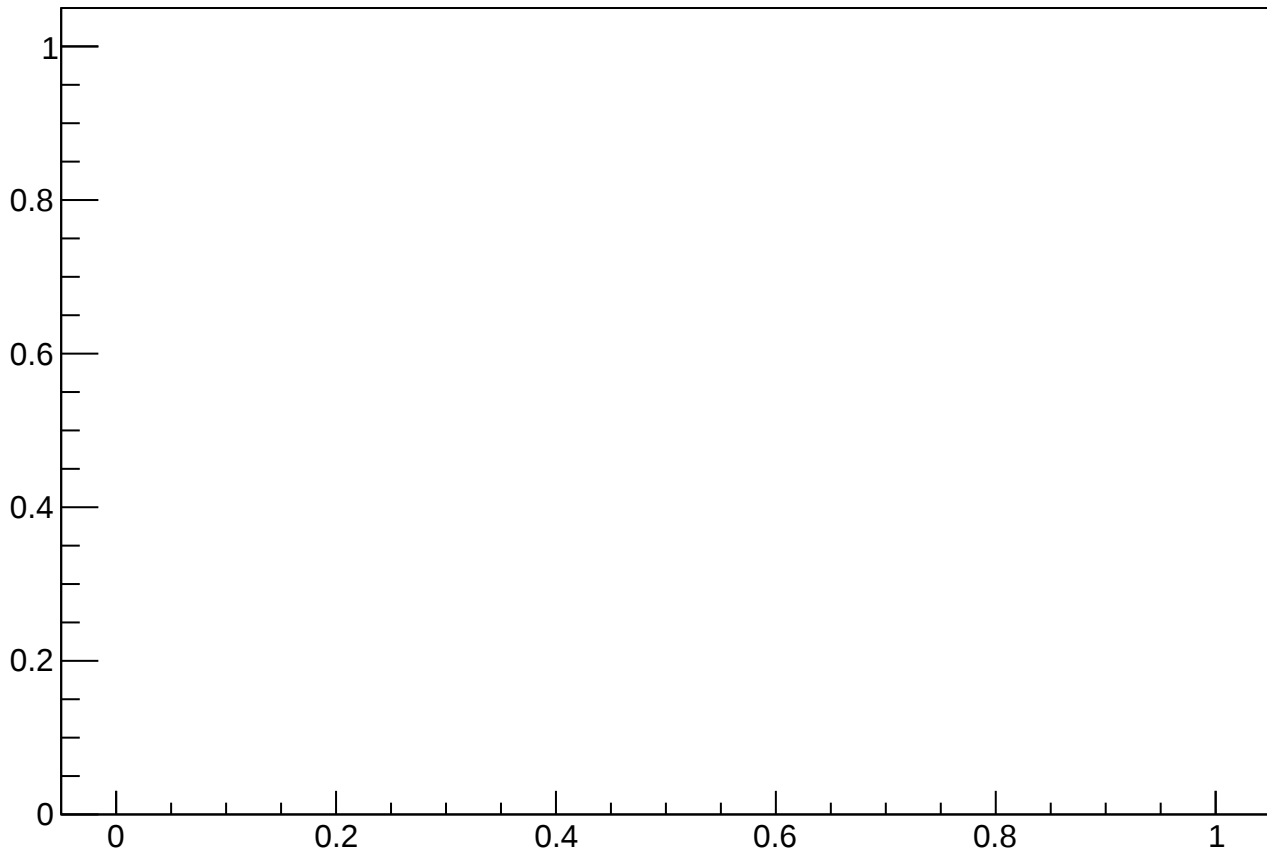
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

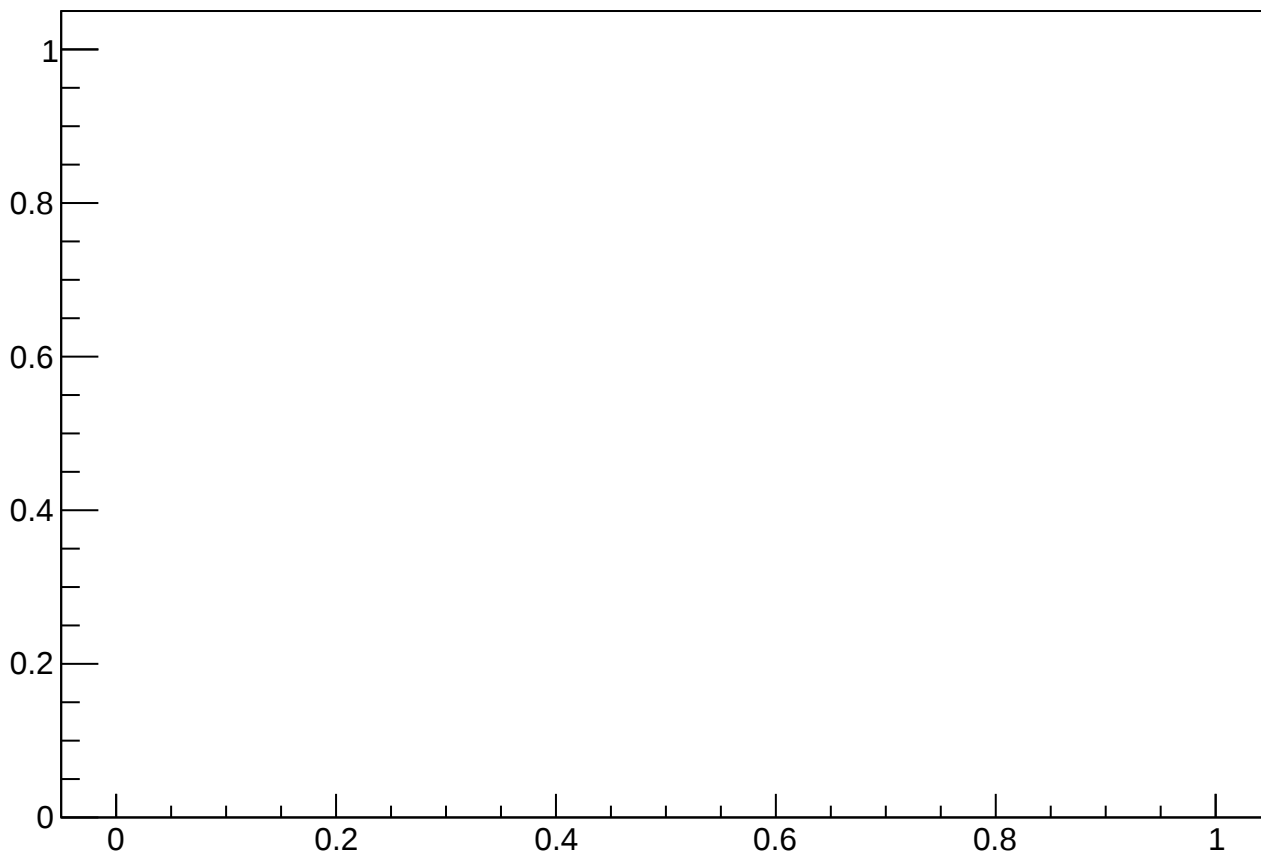
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

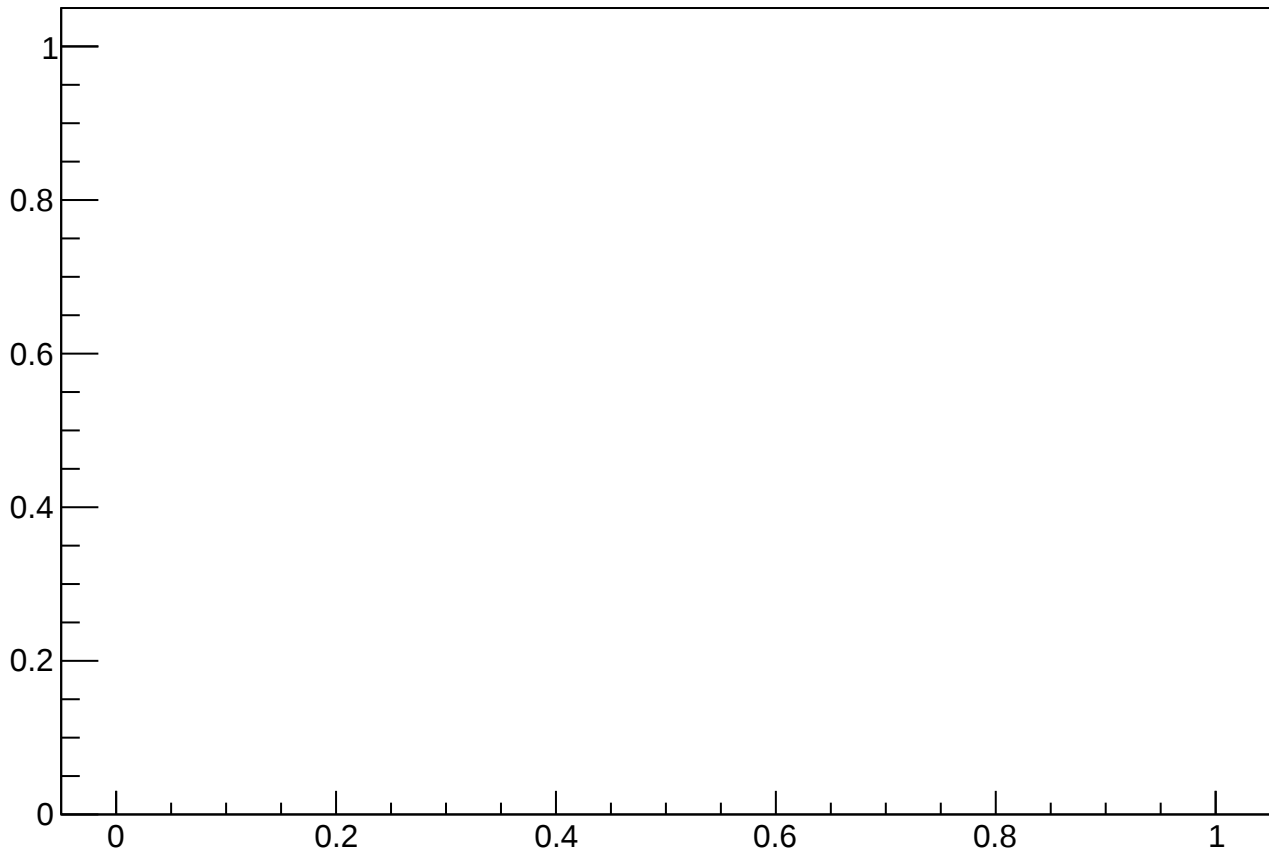
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_cav4cQ_ds_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

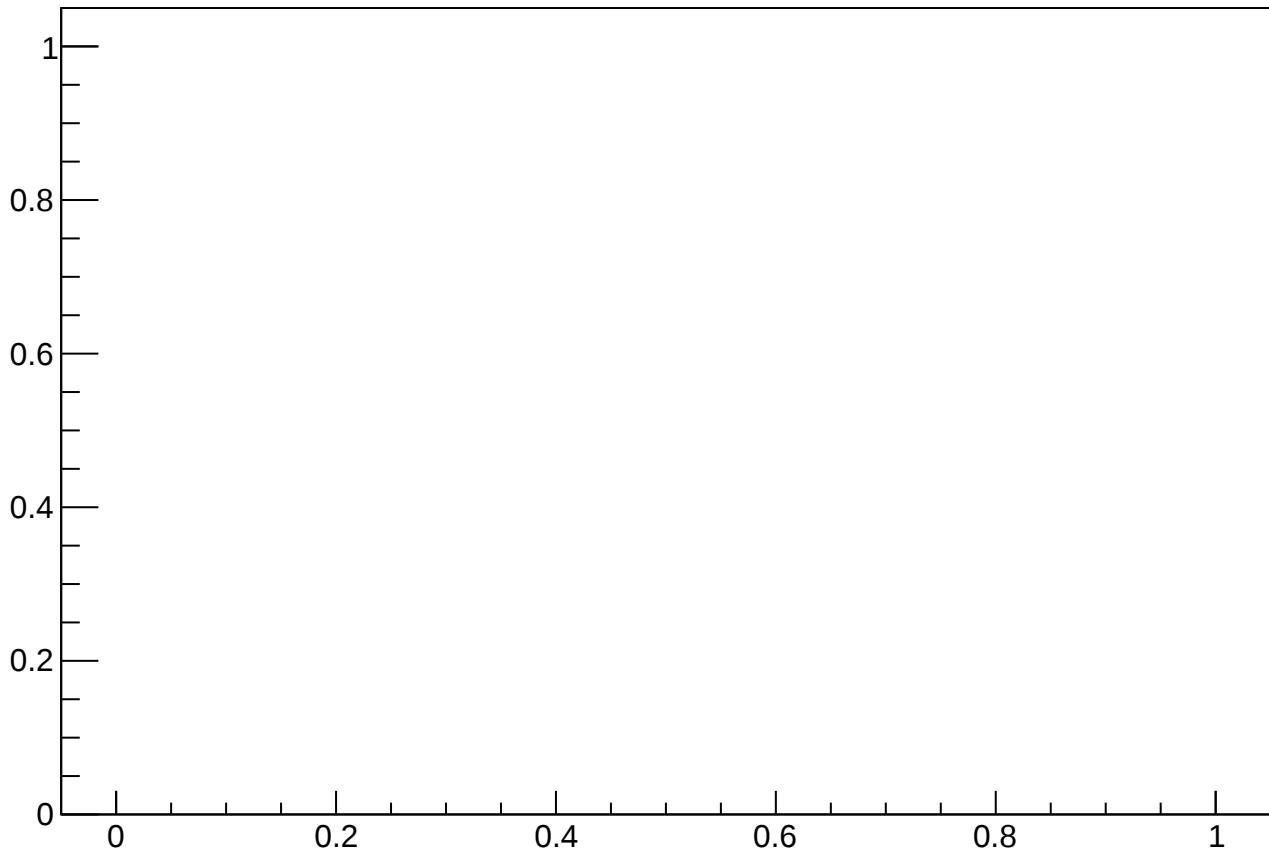
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

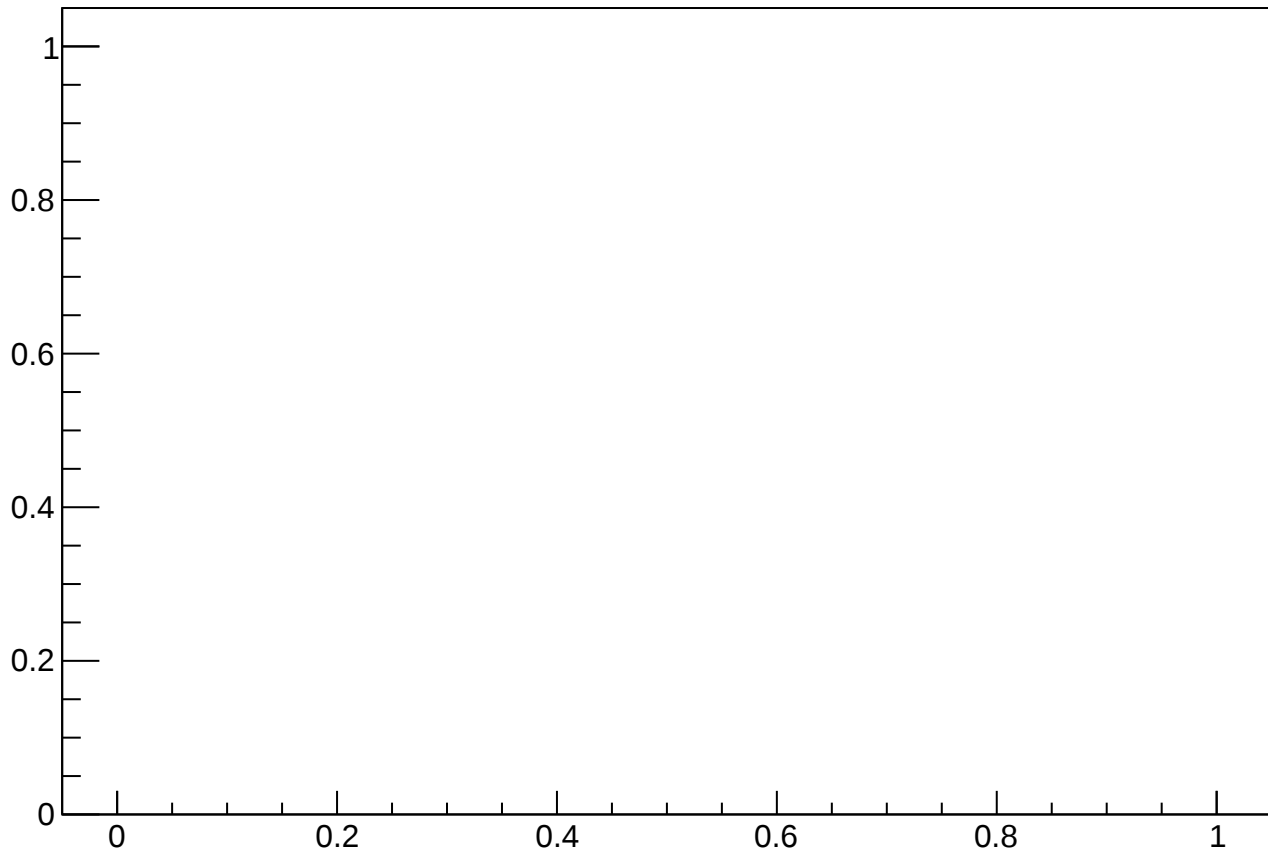
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

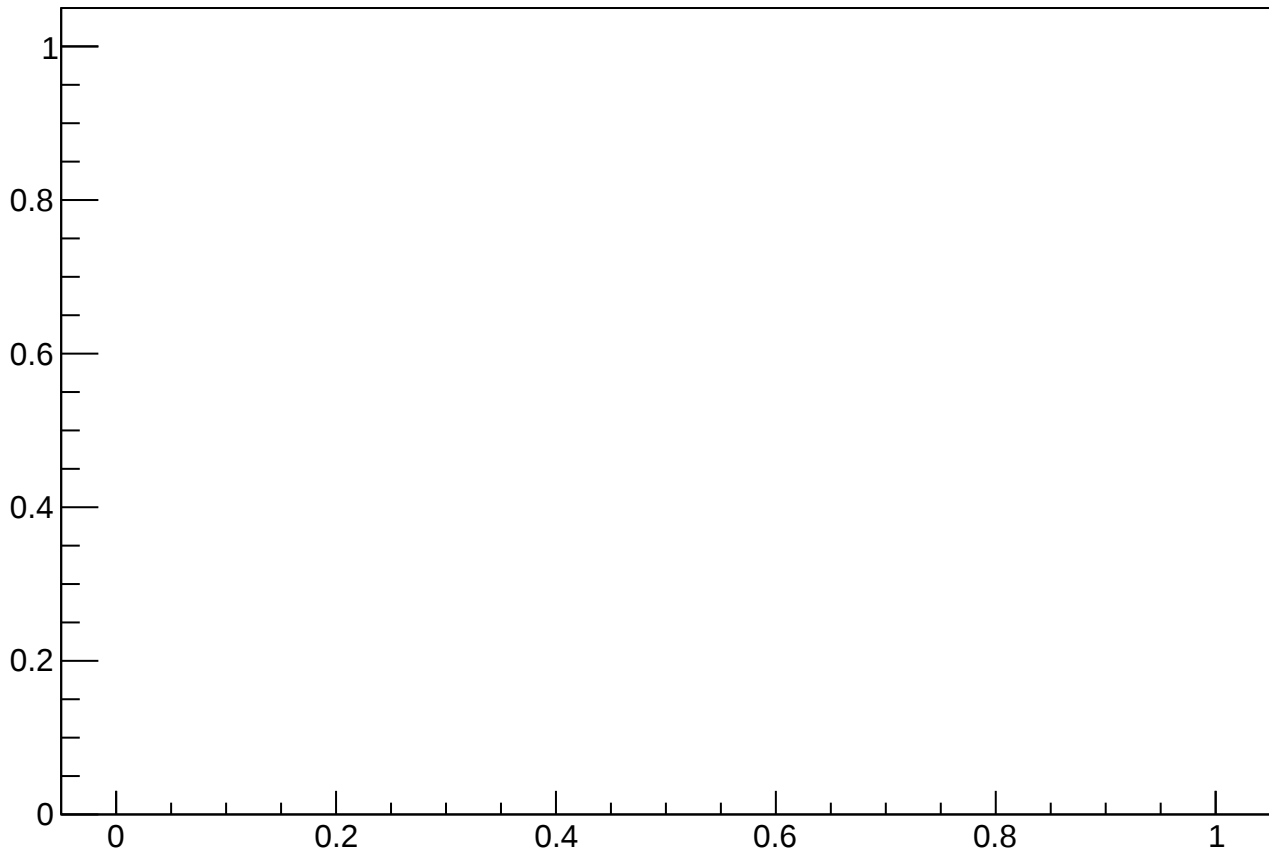
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

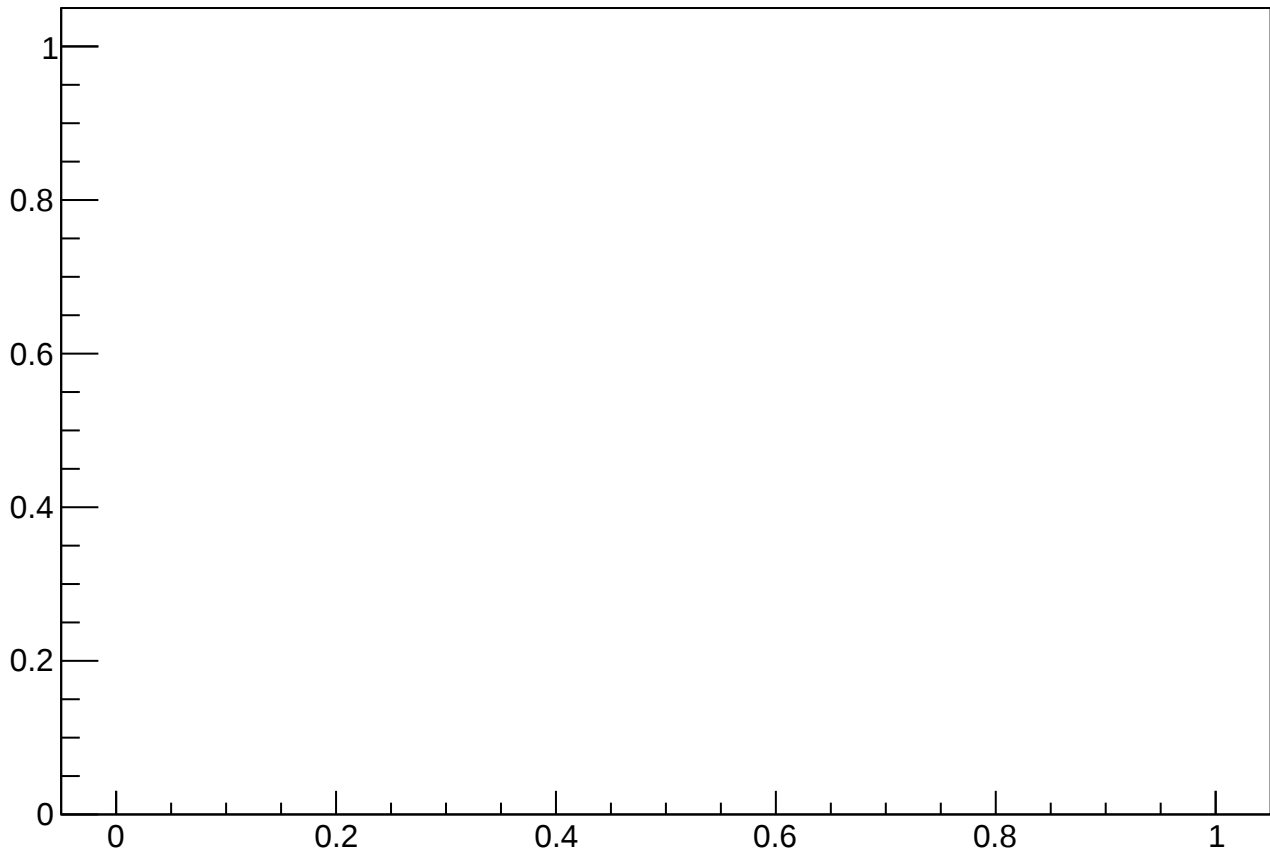
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

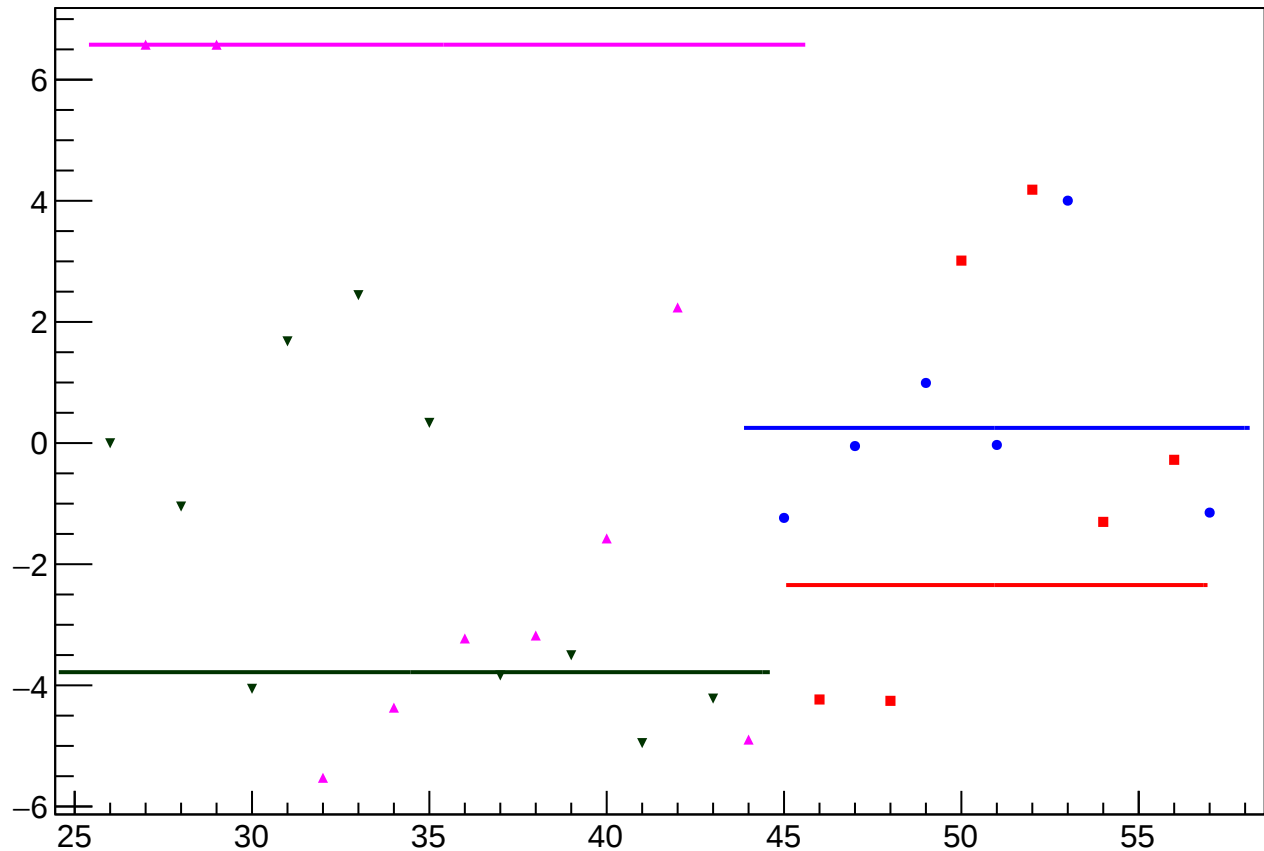
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.251 ± 0.002 χ^2/NDF : 1065347.0/5

Left Out: -3.782 ± 0.001 χ^2/NDF : 5650855.8/9

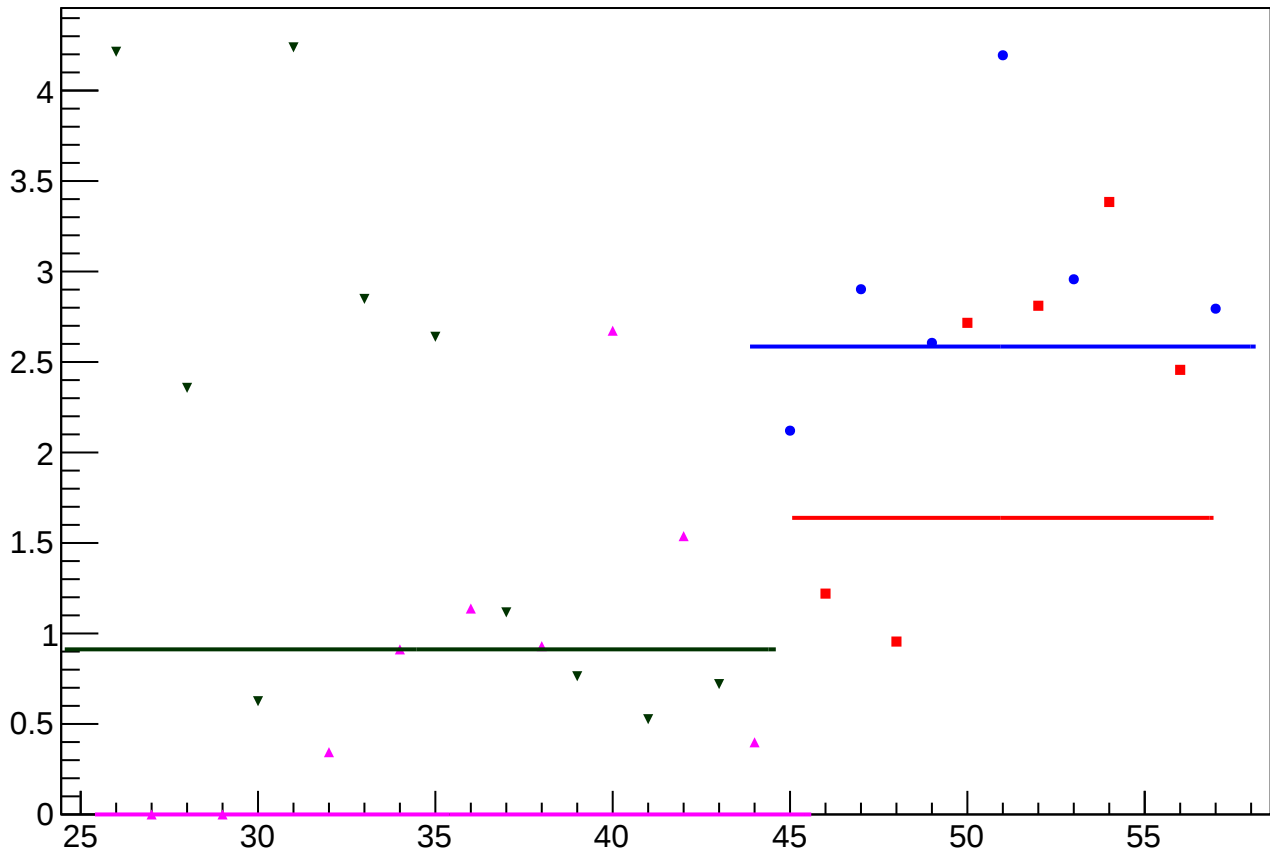
Right Out: -2.344 ± 0.001 χ^2/NDF : 5913634.5/5

Left In: 6.578 ± 0.000 χ^2/NDF : 822801976.9/8

-3.256 ± 0.001 χ^2/NDF : 12036438.6/15

6.578 ± 0.000 χ^2/NDF : 881291878.6/14

yield_cav4bX_rms vs slug



Right In: 2.585+/-0.001 χ^2/NDF : 90736.6/5

Left Out: 0.912+/-0.000 χ^2/NDF :2500224.2/9

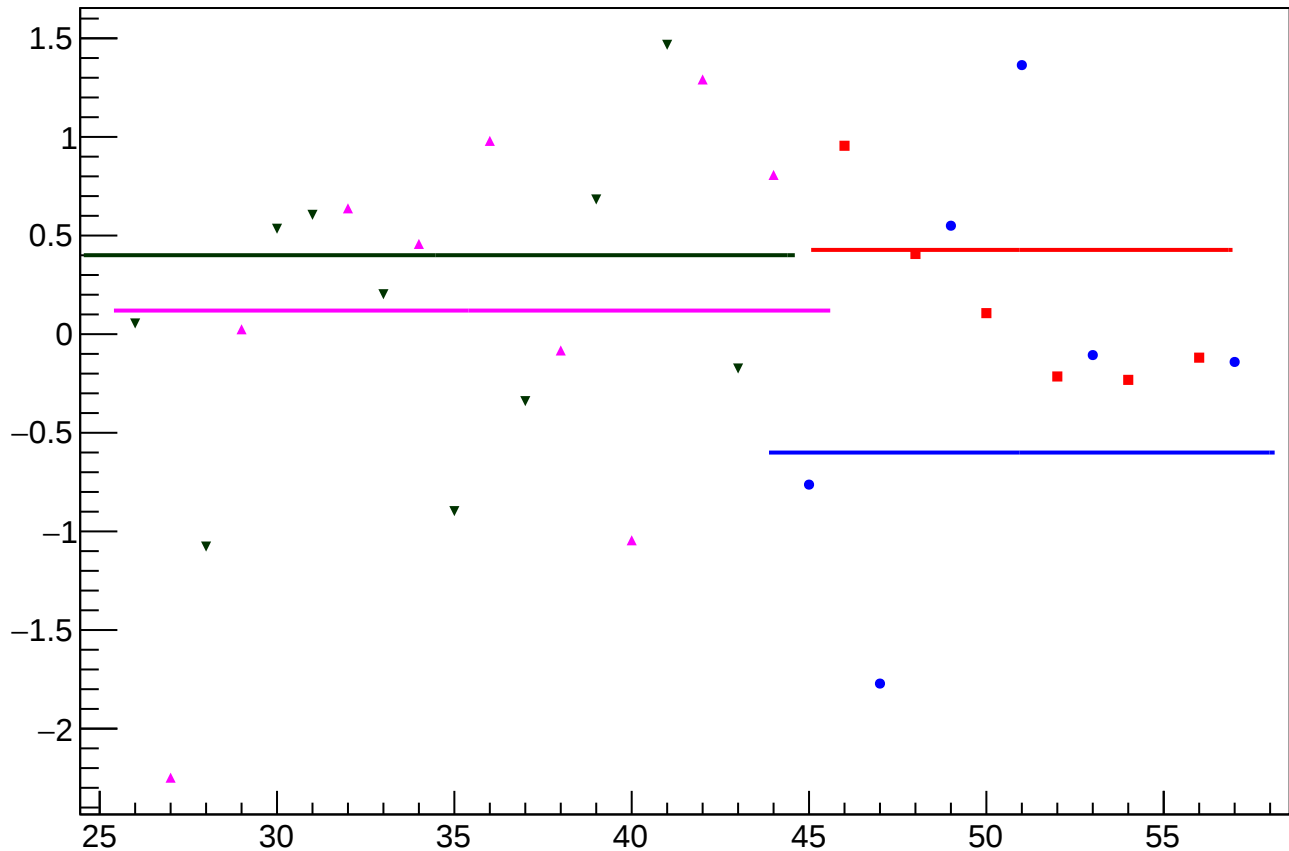
1.131+/-0.000 χ^2/NDF : 4422375.5/15

Right Out: 1.639+/-0.001 χ^2/NDF : 931794.4/5

0.000+/-0.000 χ^2/NDF : 9118877.9/14

Left In: 0.000+/-0.000 χ^2/NDF :4639772.6/8

yield_cav4bY_mean vs slug



Right In: -0.600 ± 0.001 χ^2/NDF : 1444468.5/5

Left Out: 0.400 ± 0.000 χ^2/NDF : 6822365.2/9

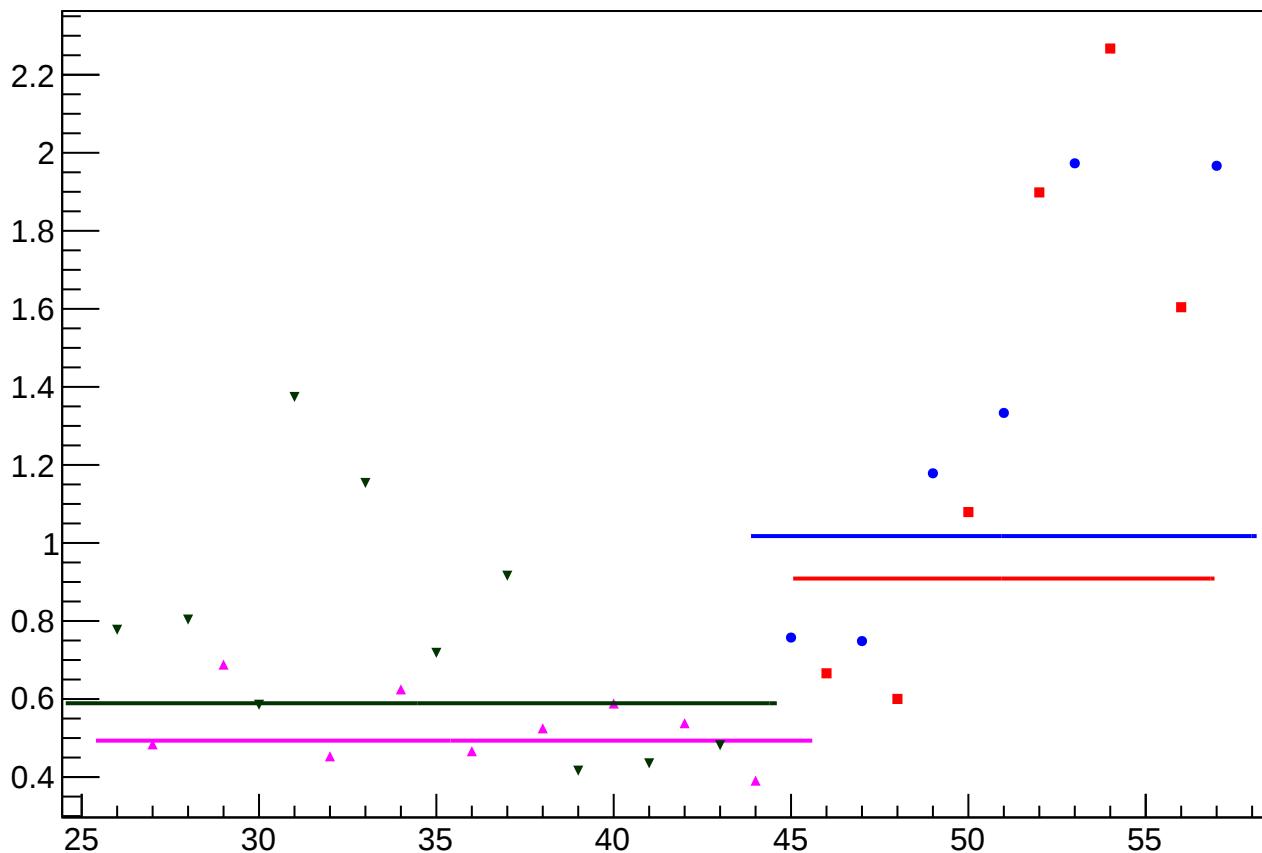
Right Out: 0.427 ± 0.001 χ^2/NDF : 394531.1/5

Left In: 0.120 ± 0.000 χ^2/NDF : 20095384.6/8

0.232 ± 0.000 χ^2/NDF : 9903013.8/15

0.160 ± 0.000 χ^2/NDF : 20688311.8/14

yield_cav4bY_rms vs slug



Right In: 1.018+/-0.001 χ^2/NDF : 666479.1/5

Left Out: 0.589+/-0.000 χ^2/NDF : 892098.1/9

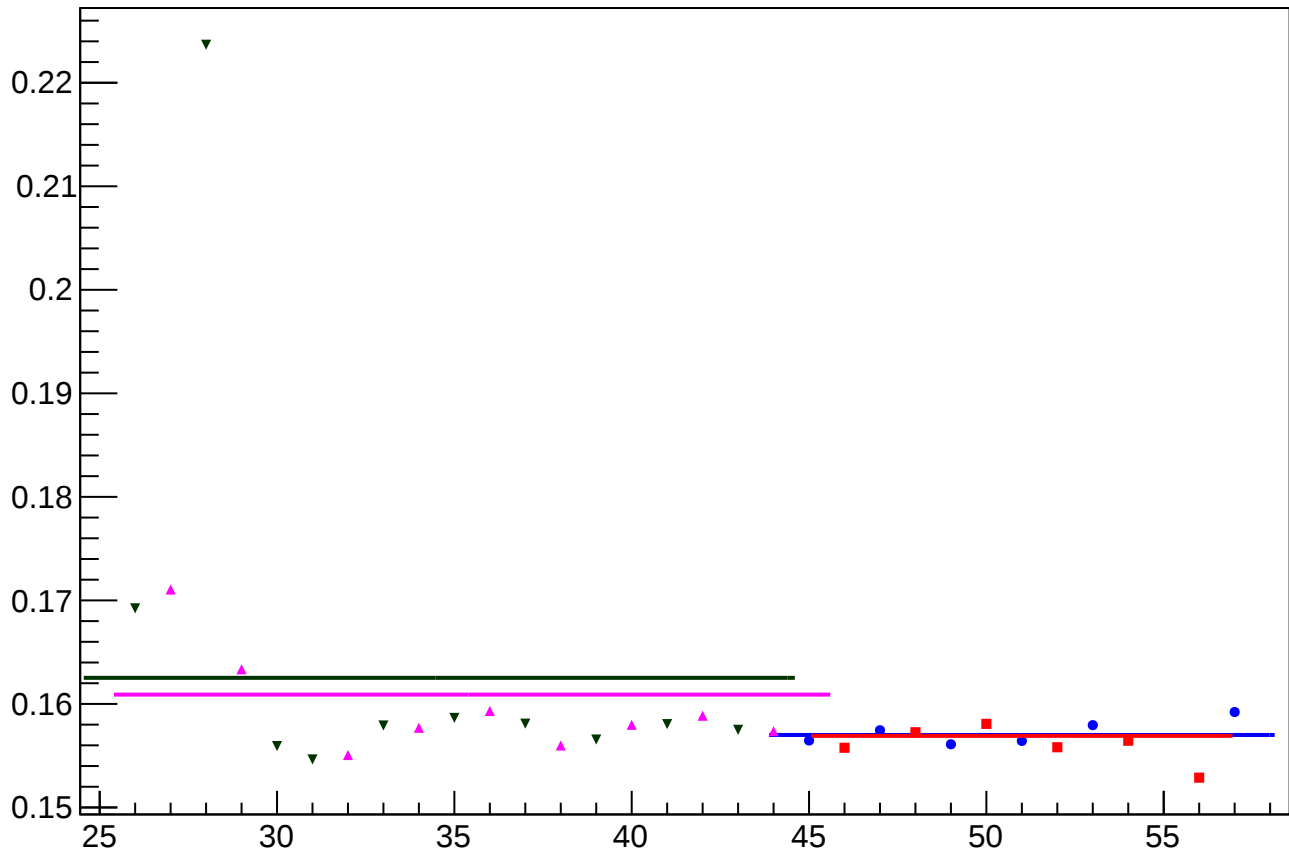
Right Out: 0.909+/-0.000 χ^2/NDF : 1117250.3/5

Left In: 0.493+/-0.000 χ^2/NDF : 215120.3/8

0.661+/-0.000 χ^2/NDF : 2158631.7/15

0.548+/-0.000 χ^2/NDF : 2056604.0/14

yield_cav4cX_mean vs slug



Right In: 0.157+/-0.000 χ^2/NDF : 139763.3/5

Left Out: 0.163+/-0.000 χ^2/NDF :101831934.2/9

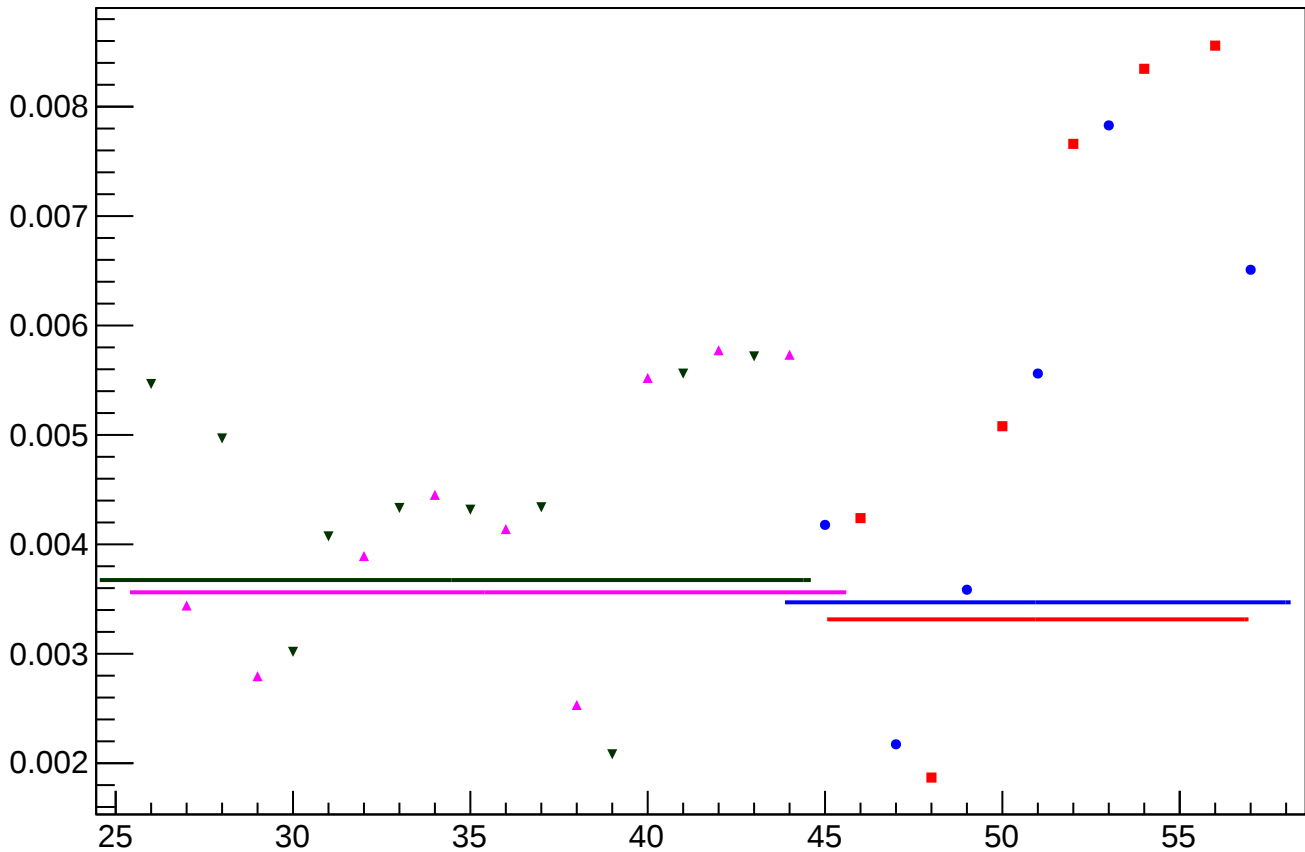
0.160+/-0.000 χ^2/NDF : 105671299.2/15

Right Out: 0.157+/-0.000 χ^2/NDF : 183384.3/5

0.160+/-0.000 χ^2/NDF : 13783117.1/14

Left In: 0.161+/-0.000 χ^2/NDF :11666609.8/8

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 843956.6/5

Left Out: 0.004+/-0.000 χ^2/NDF :1041439.4/9

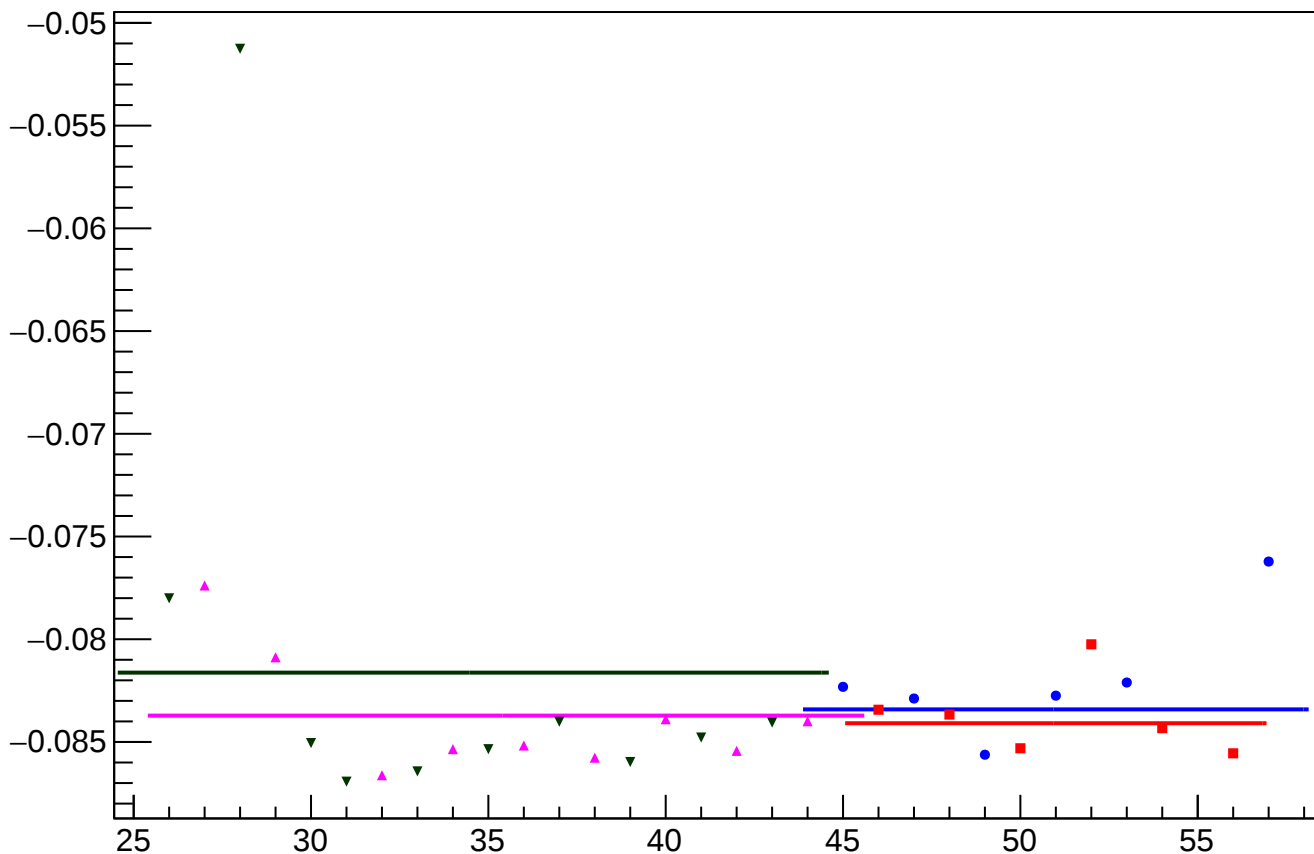
0.004+/-0.000 χ^2/NDF : 1895453.8/15

Right Out: 0.003+/-0.000 χ^2/NDF : 1702386.5/5

0.003+/-0.000 χ^2/NDF : 2467919.5/14

Left In: 0.004+/-0.000 χ^2/NDF :750635.1/8

yield_cav4cY_mean vs slug



Right In: -0.083+/-0.000 χ^2/NDF : 605926.9/5

Left Out: -0.082+/-0.000 χ^2/NDF :35910160.7/9

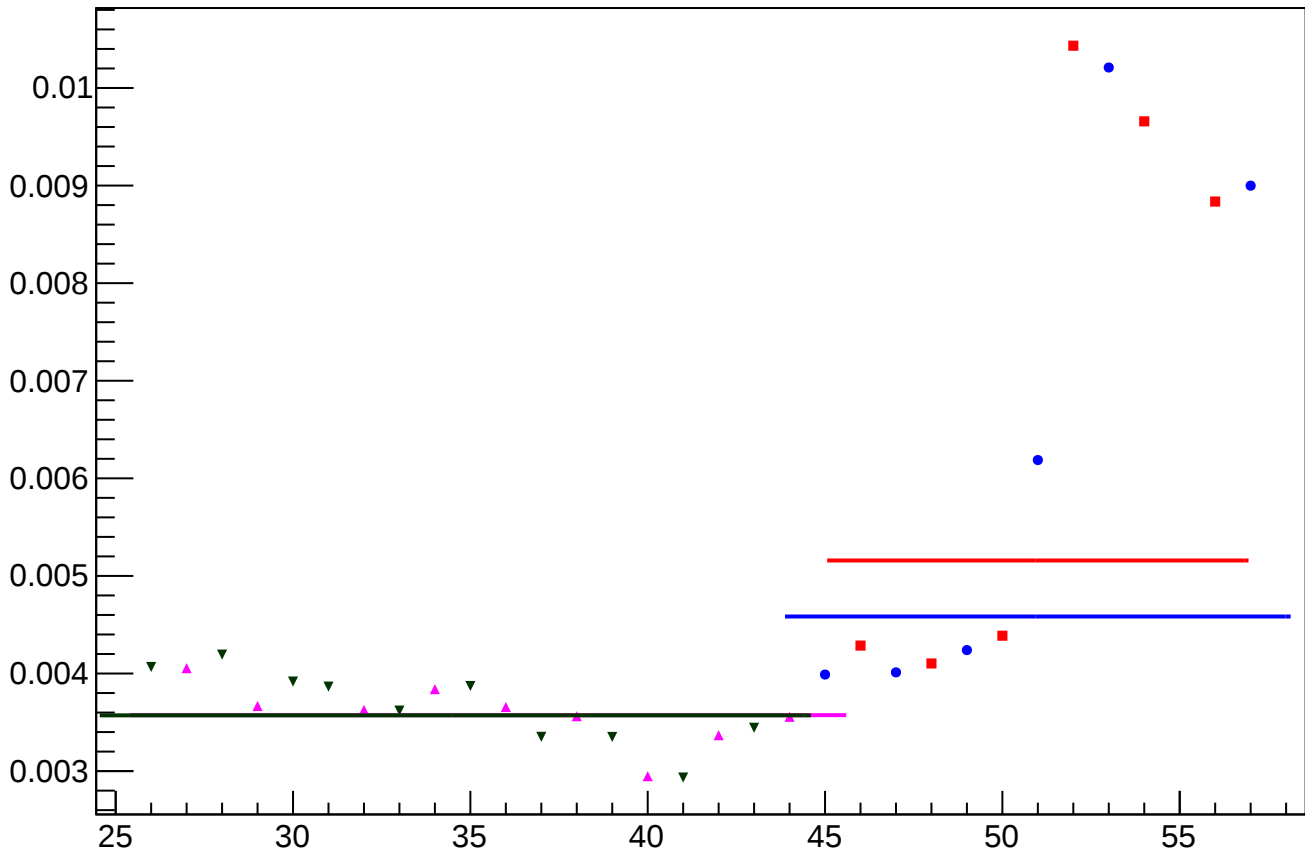
Right Out: -0.084+/-0.000 χ^2/NDF : 131822.8/5

Left In: -0.084+/-0.000 χ^2/NDF :3520419.1/8

-0.082+/-0.000 χ^2/NDF : 36813514.1/15

-0.084+/-0.000 χ^2/NDF : 3662394.4/14

yield_cav4cY_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 576132.1/5

Left Out: 0.004+/-0.000 χ^2/NDF :122018.5/9

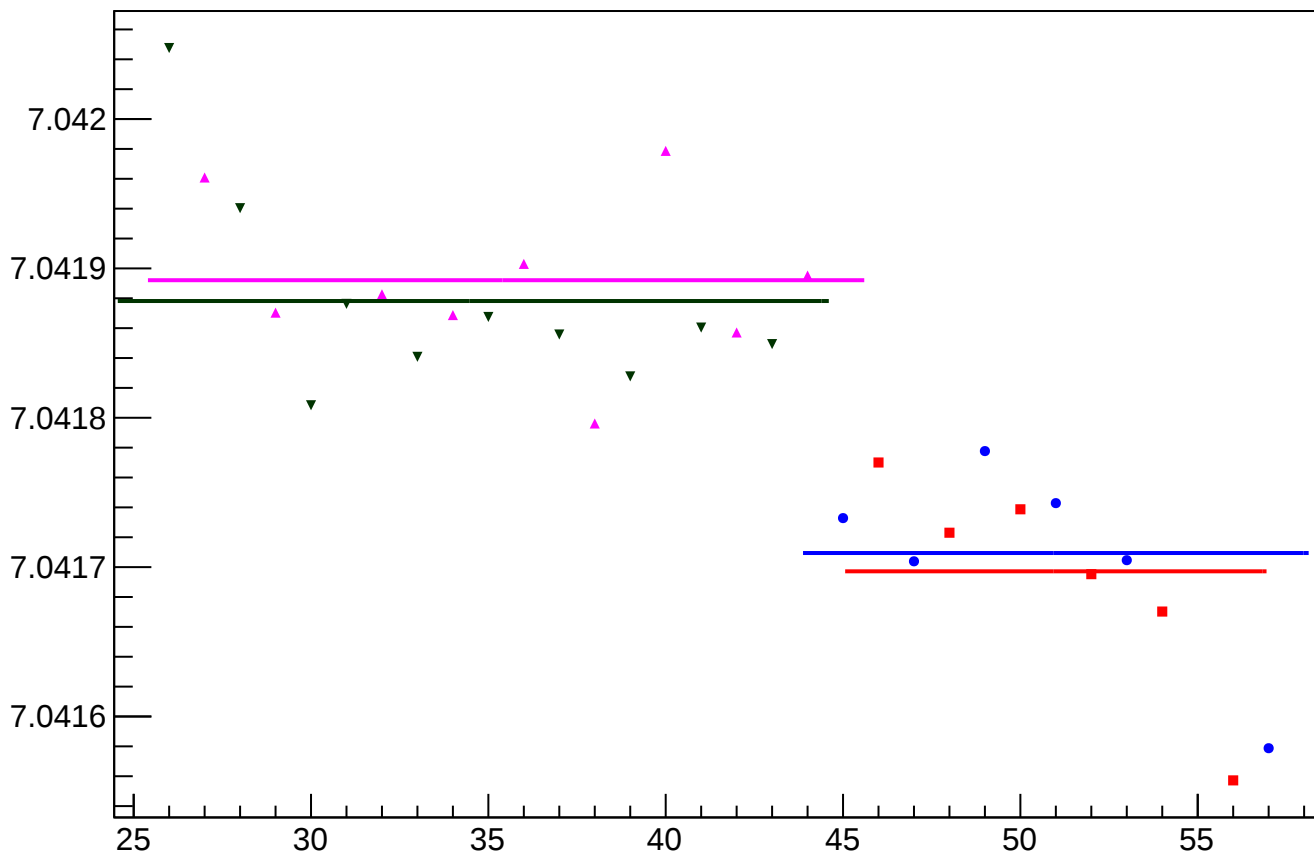
Right Out: 0.005+/-0.000 χ^2/NDF : 727390.6/5

Left In: 0.004+/-0.000 χ^2/NDF :77539.3/8

0.004+/-0.000 χ^2/NDF : 888742.4/15

0.004+/-0.000 χ^2/NDF : 1175899.8/14

yield_cav4dX_mean vs slug



Right In: 7.042+/-0.000 χ^2/NDF : 505148.0/5

Left Out: 7.042+/-0.000 χ^2/NDF : 814684.7/9

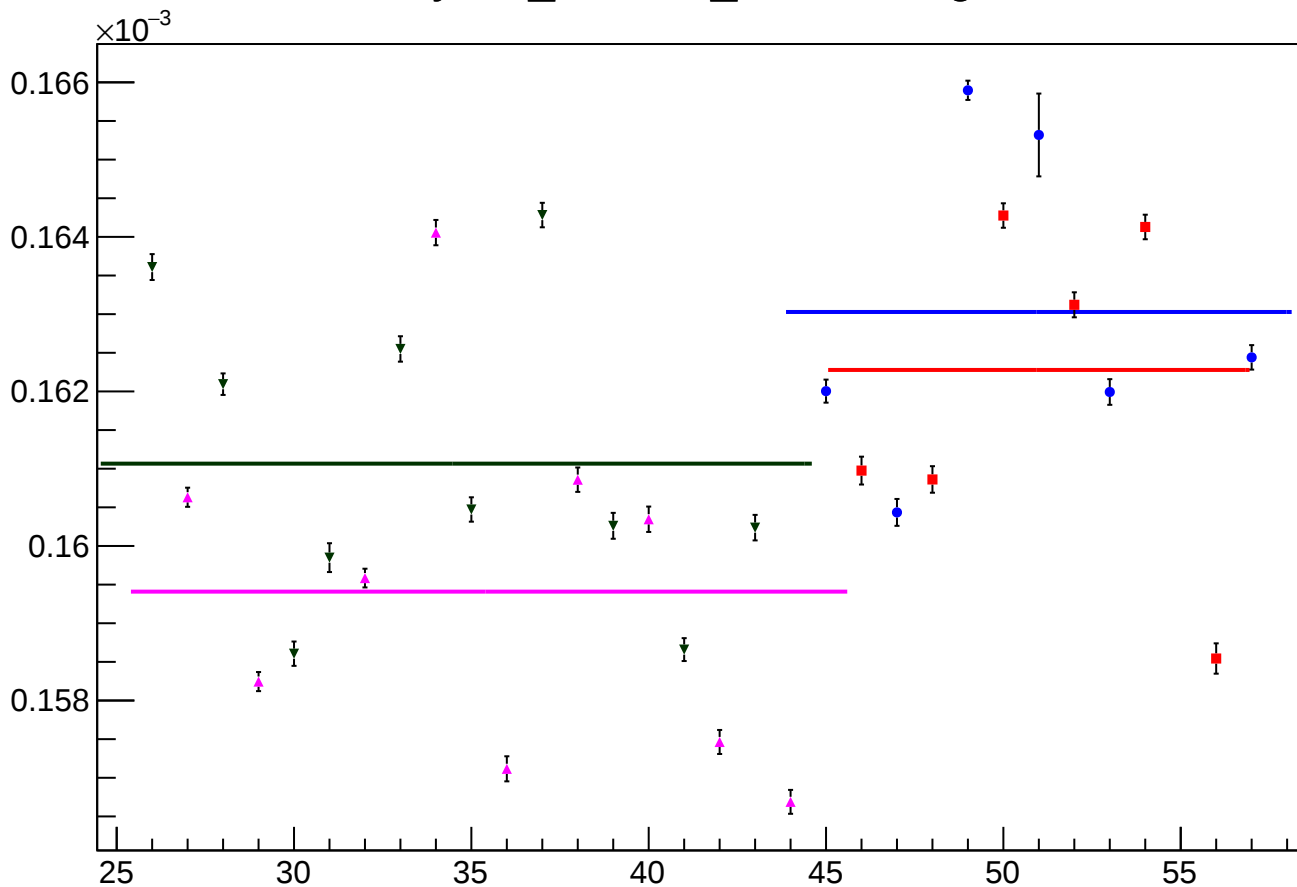
Right Out: 7.042+/-0.000 χ^2/NDF : 396137.3/5

Left In: 7.042+/-0.000 χ^2/NDF : 534073.6/8

7.042+/-0.000 χ^2/NDF : 3334714.1/15

7.042+/-0.000 χ^2/NDF : 3604394.8/14

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 870.1/5

Left Out: 0.000+/-0.000 χ^2/NDF :1391.6/9

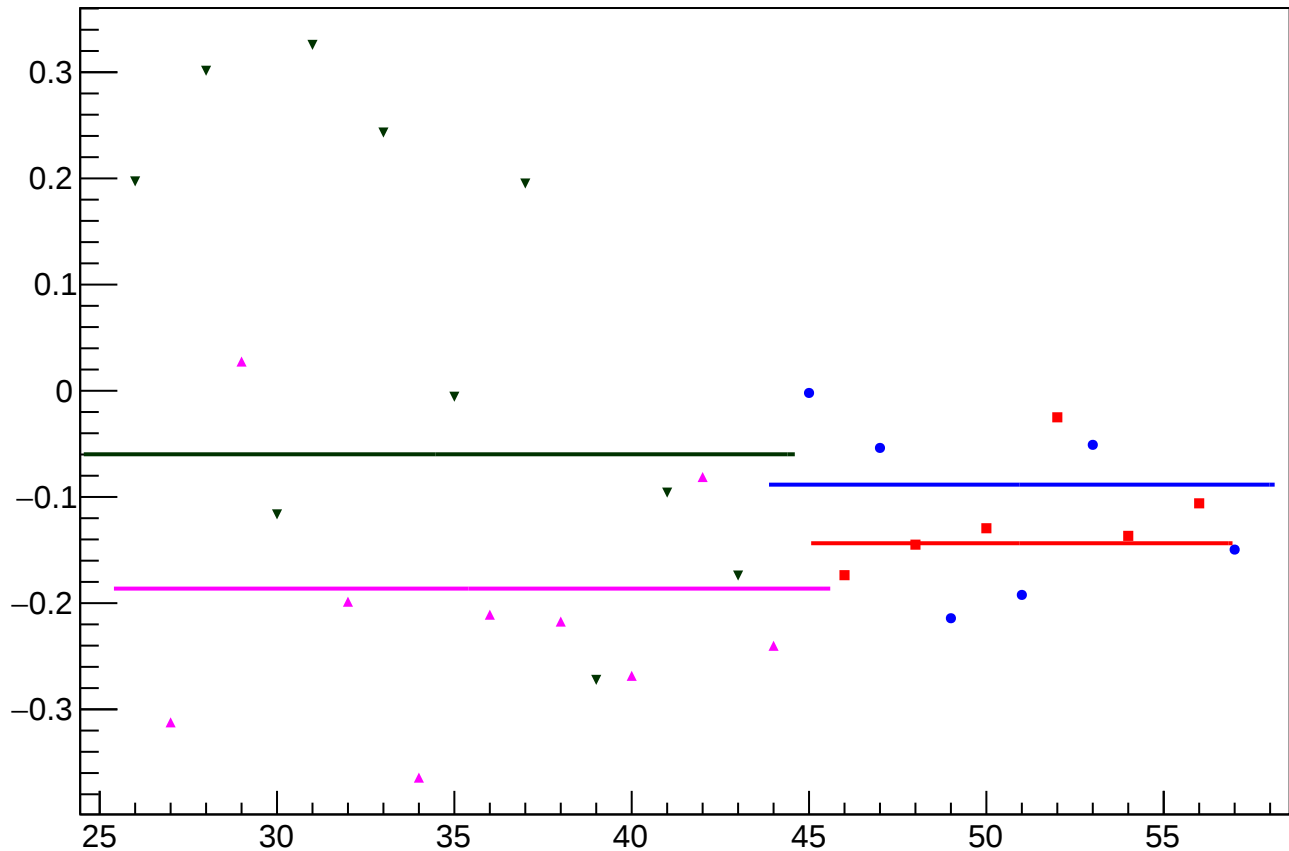
Right Out: 0.000+/-0.000 χ^2/NDF : 804.3/5

Left In: 0.000+/-0.000 χ^2/NDF :1775.1/8

0.000+/-0.000 χ^2/NDF : 2807.1/15

0.000+/-0.000 χ^2/NDF : 3738.1/14

yield_cav4dY_mean vs slug



Right In: -0.088+/-0.000 χ^2/NDF : 855269.5/5

Left Out: -0.060+/-0.000 χ^2/NDF :19501975.2/9

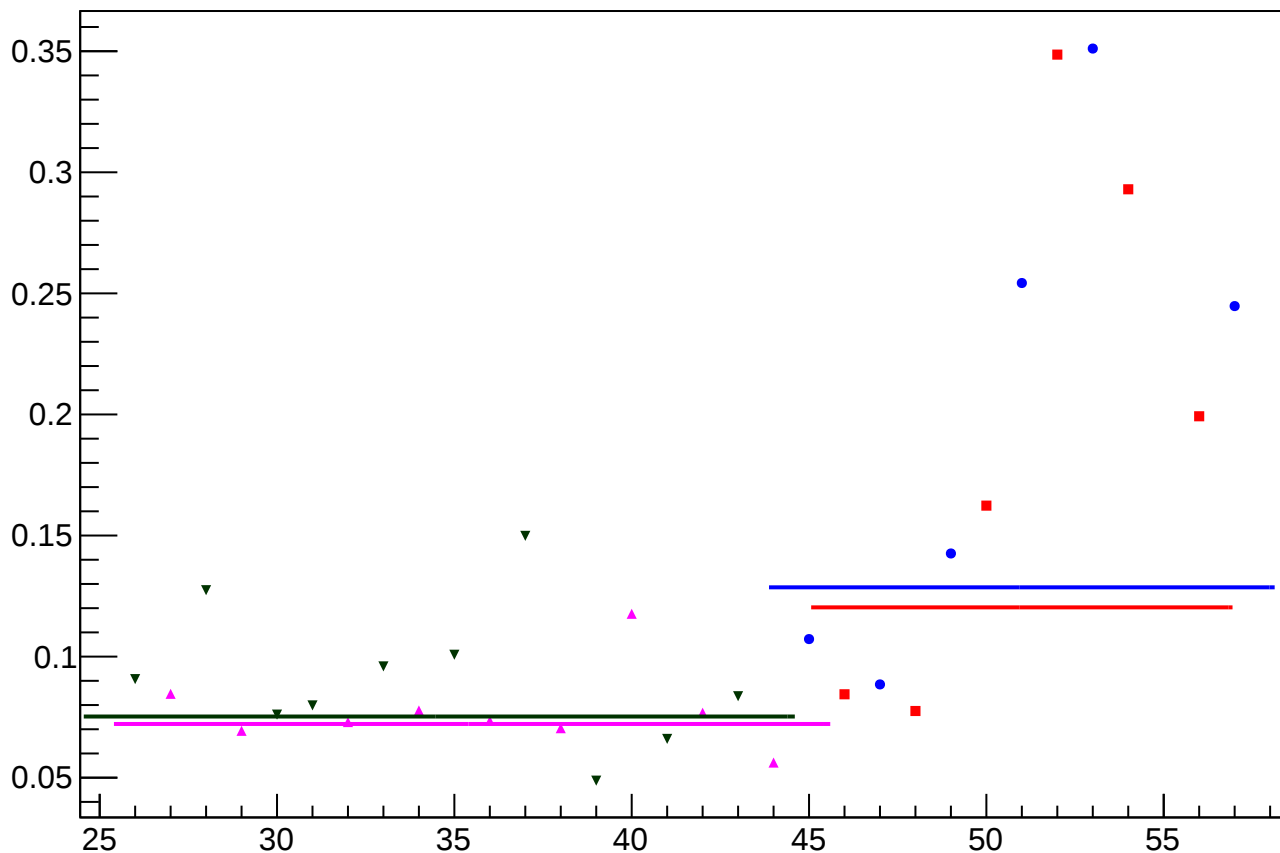
Right Out: -0.144+/-0.000 χ^2/NDF : 103890.2/5

Left In: -0.186+/-0.000 χ^2/NDF :8361135.8/8

-0.065+/-0.000 χ^2/NDF : 20435176.3/15

-0.180+/-0.000 χ^2/NDF : 8644260.5/14

yield_cav4dY_rms vs slug



Right In: 0.129+/-0.000 χ^2/NDF : 780796.4/5

Left Out: 0.075+/-0.000 χ^2/NDF :580705.7/9

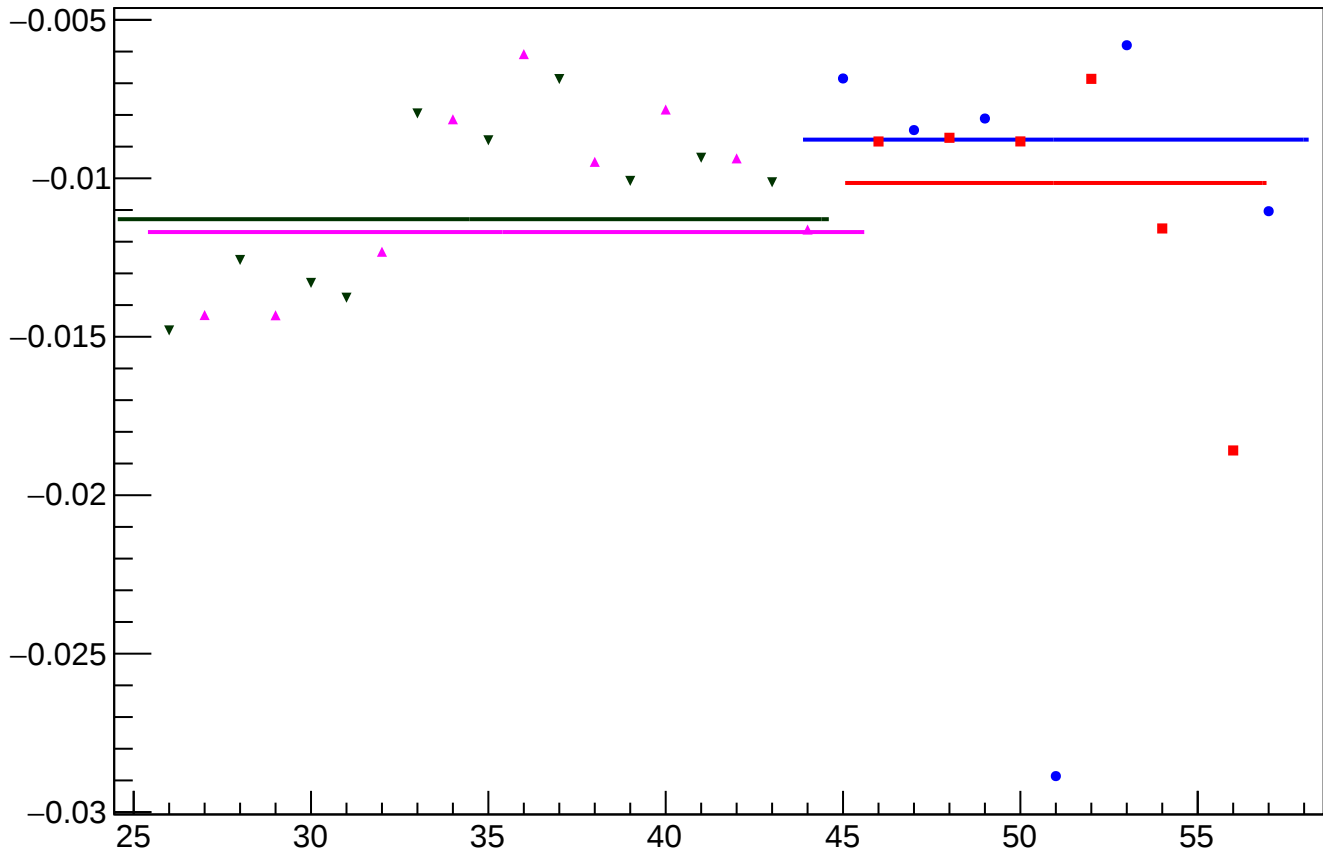
Right Out: 0.120+/-0.000 χ^2/NDF : 1209474.6/5

Left In: 0.072+/-0.000 χ^2/NDF :194281.2/8

0.086+/-0.000 χ^2/NDF : 1903988.2/15

0.079+/-0.000 χ^2/NDF : 1859328.1/14

yield_bpm4aX_mean vs slug



Right In: -0.009+/-0.000 χ^2/NDF : 243417.8/5

Left Out: -0.011+/-0.000 χ^2/NDF : 378643.1/9

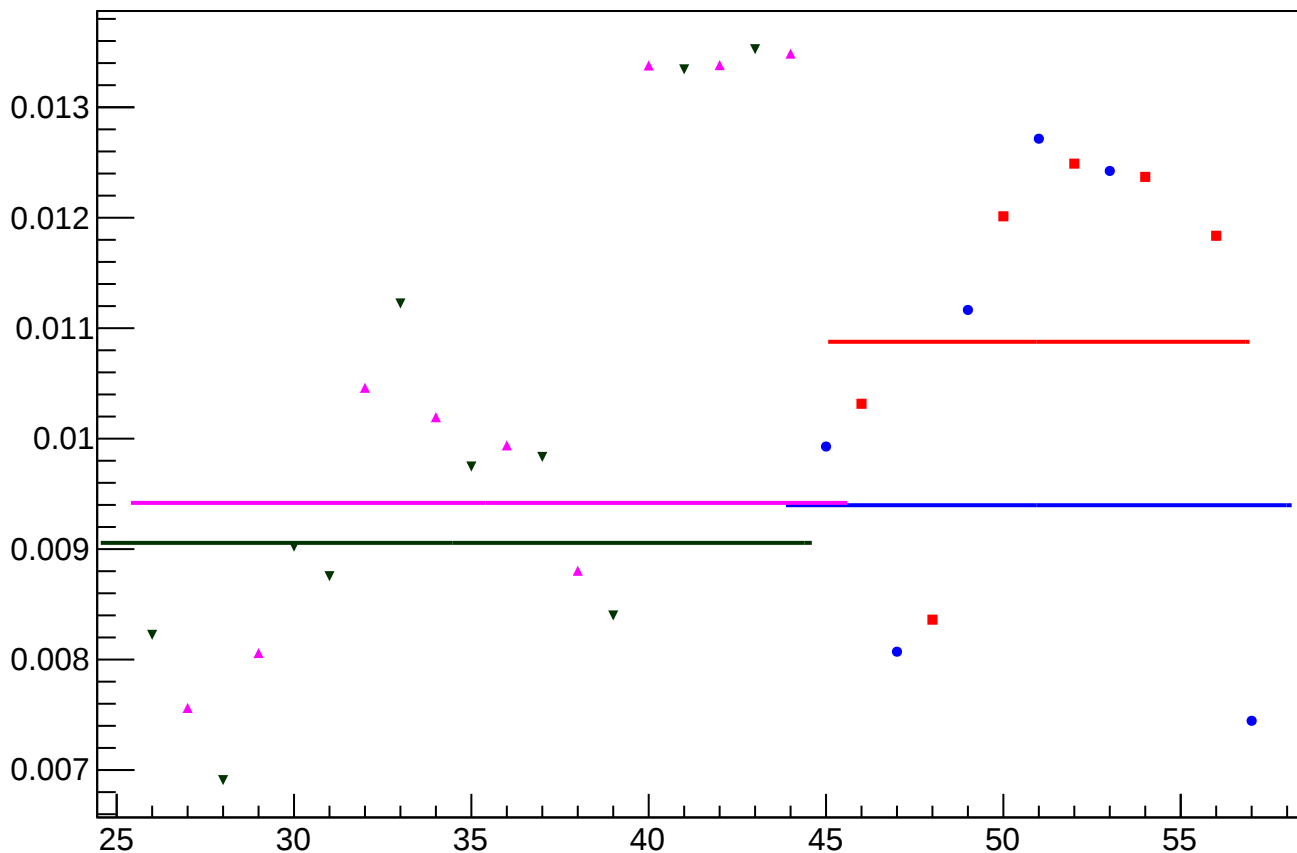
-0.010+/-0.000 χ^2/NDF : 754977.0/15

Right Out: -0.010+/-0.000 χ^2/NDF : 275045.6/5

-0.011+/-0.000 χ^2/NDF : 808736.5/14

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

yield_bpm4aX_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 209065.5/5

Left Out: 0.009+/-0.000 χ^2/NDF : 416147.1/9

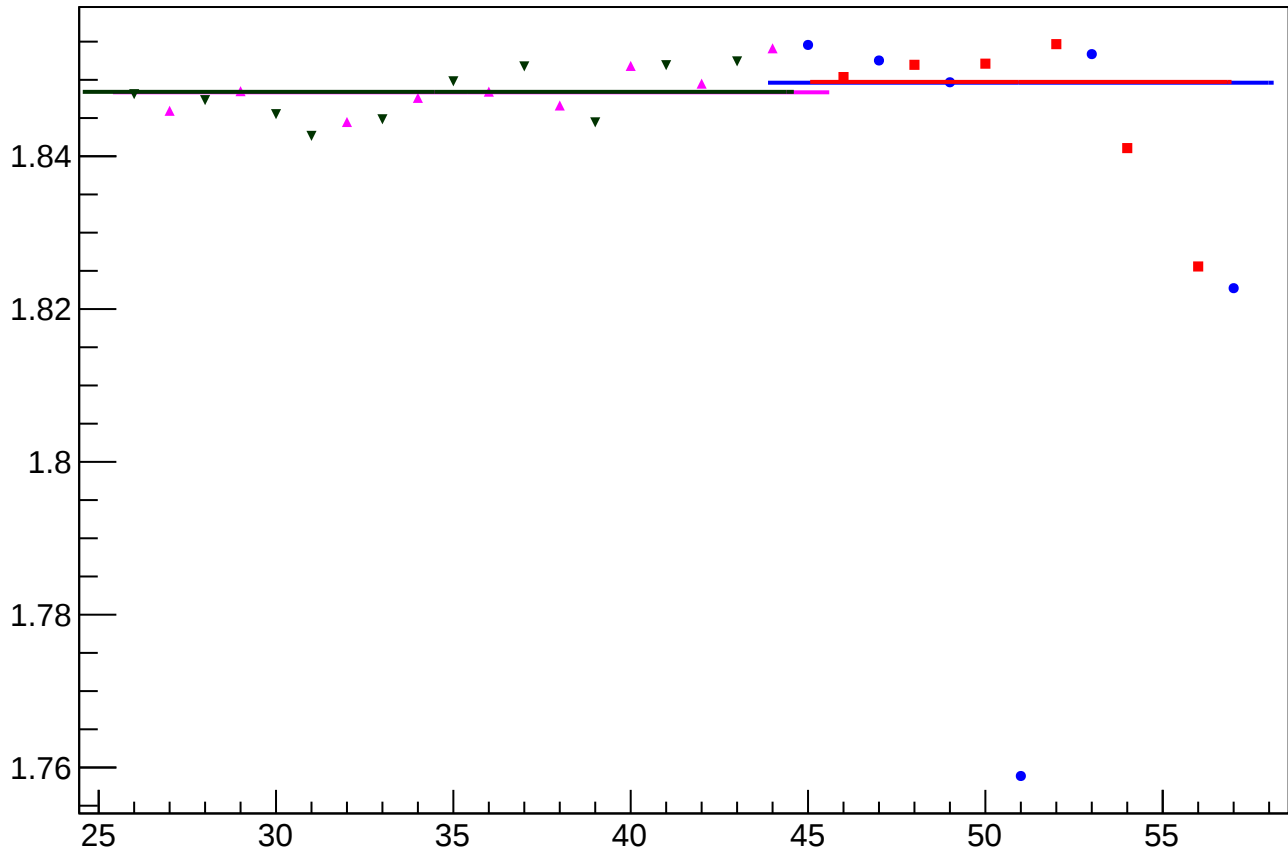
Right Out: 0.011+/-0.000 χ^2/NDF : 129133.2/5

Left In: 0.009+/-0.000 χ^2/NDF : 448115.9/8

0.009+/-0.000 χ^2/NDF : 630110.9/15

0.010+/-0.000 χ^2/NDF : 648947.3/14

yield_bpm4aY_mean vs slug



Right In: 1.850+/-0.000 χ^2/NDF : 1099414.8/5

Left Out: 1.848+/-0.000 χ^2/NDF : 272295.3/9

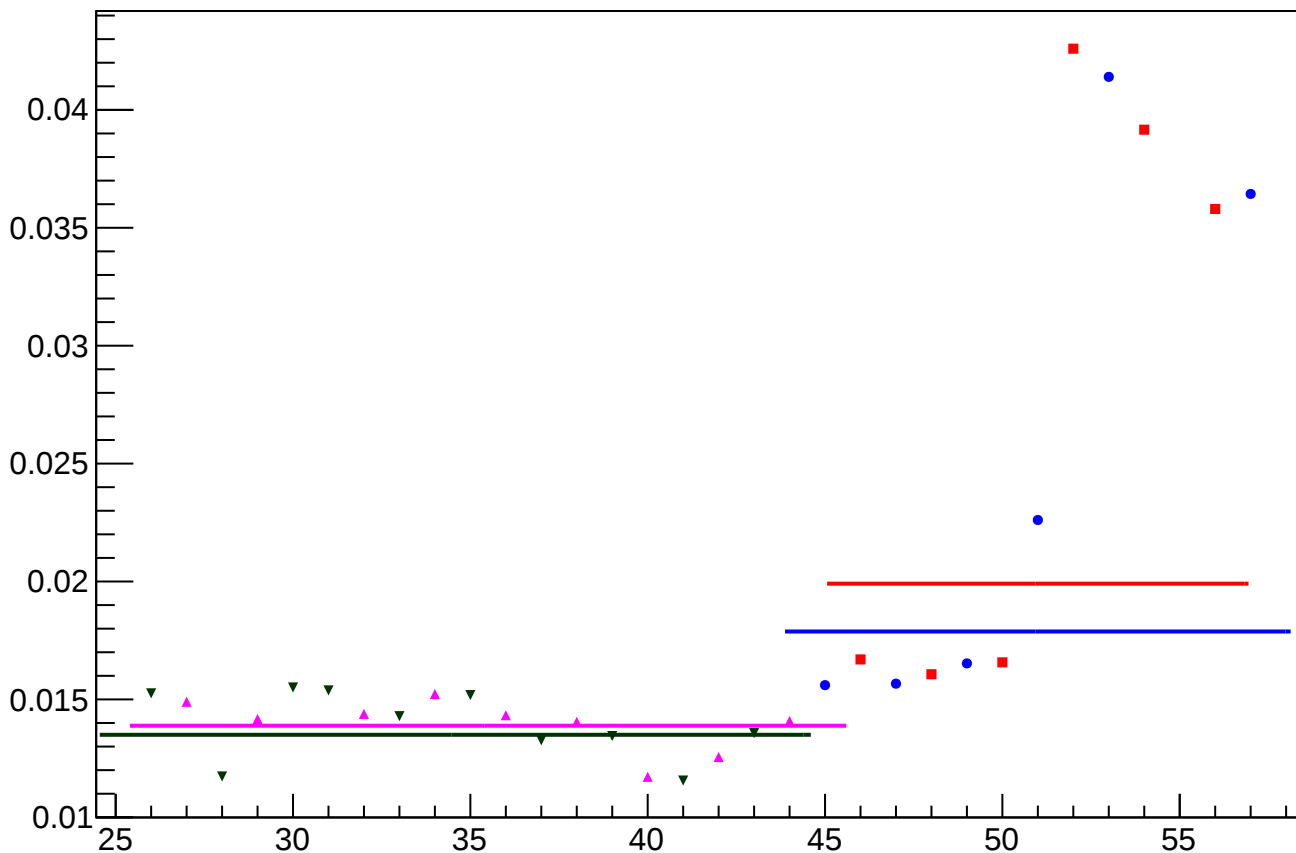
Right Out: 1.850+/-0.000 χ^2/NDF : 238198.2/5

Left In: 1.848+/-0.000 χ^2/NDF : 226340.4/8

1.849+/-0.000 χ^2/NDF : 1380557.2/15

1.849+/-0.000 χ^2/NDF : 473653.9/14

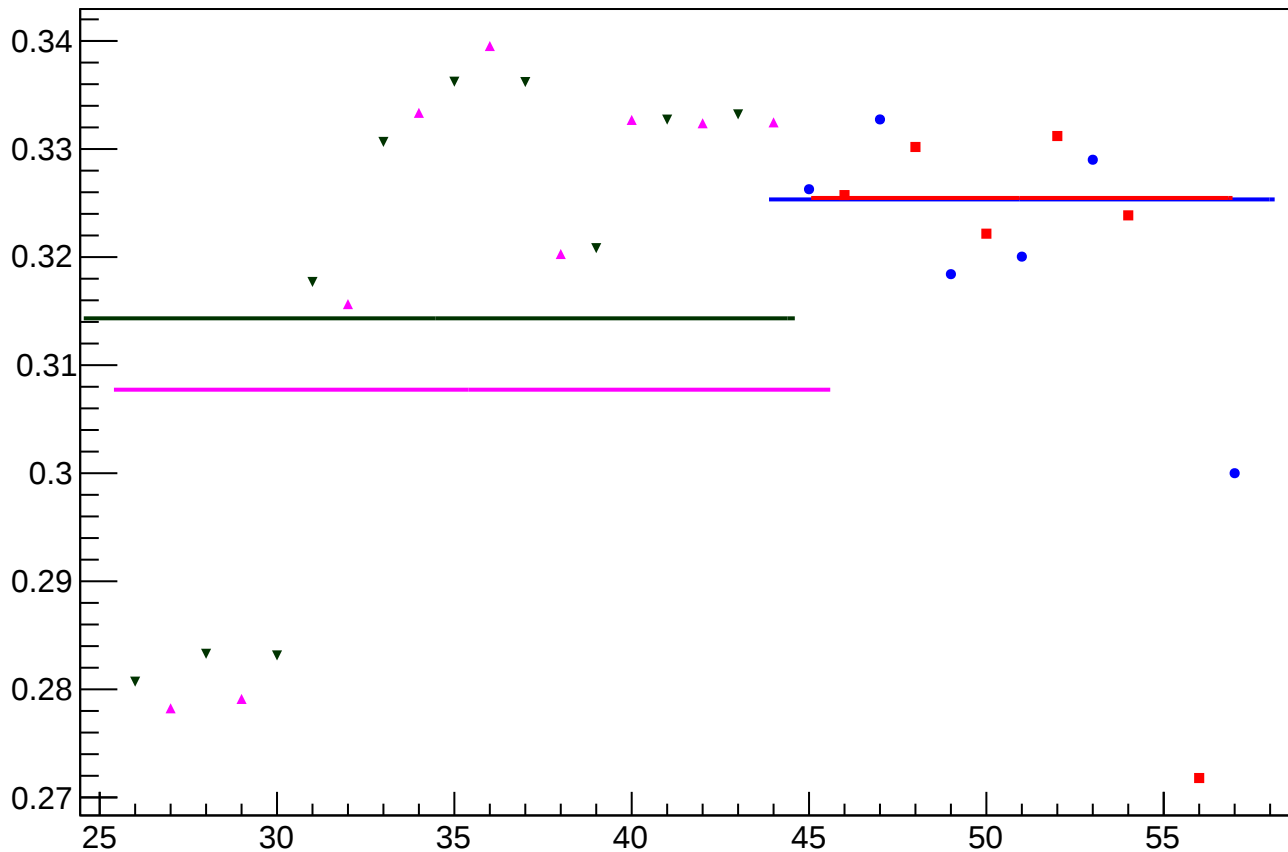
yield_bpm4aY_rms vs slug



0.015 $\pm$ 0.000 χ^2 /NDF: 961228.9/15

0.015 $\pm$ 0.000 χ^2 /NDF: 1218665.0/14

yield_bpm4eX_mean vs slug



Right In: 0.325+/-0.000 χ^2/NDF : 352670.0/5

Left Out: 0.314+/-0.000 χ^2/NDF : 5131381.6/9

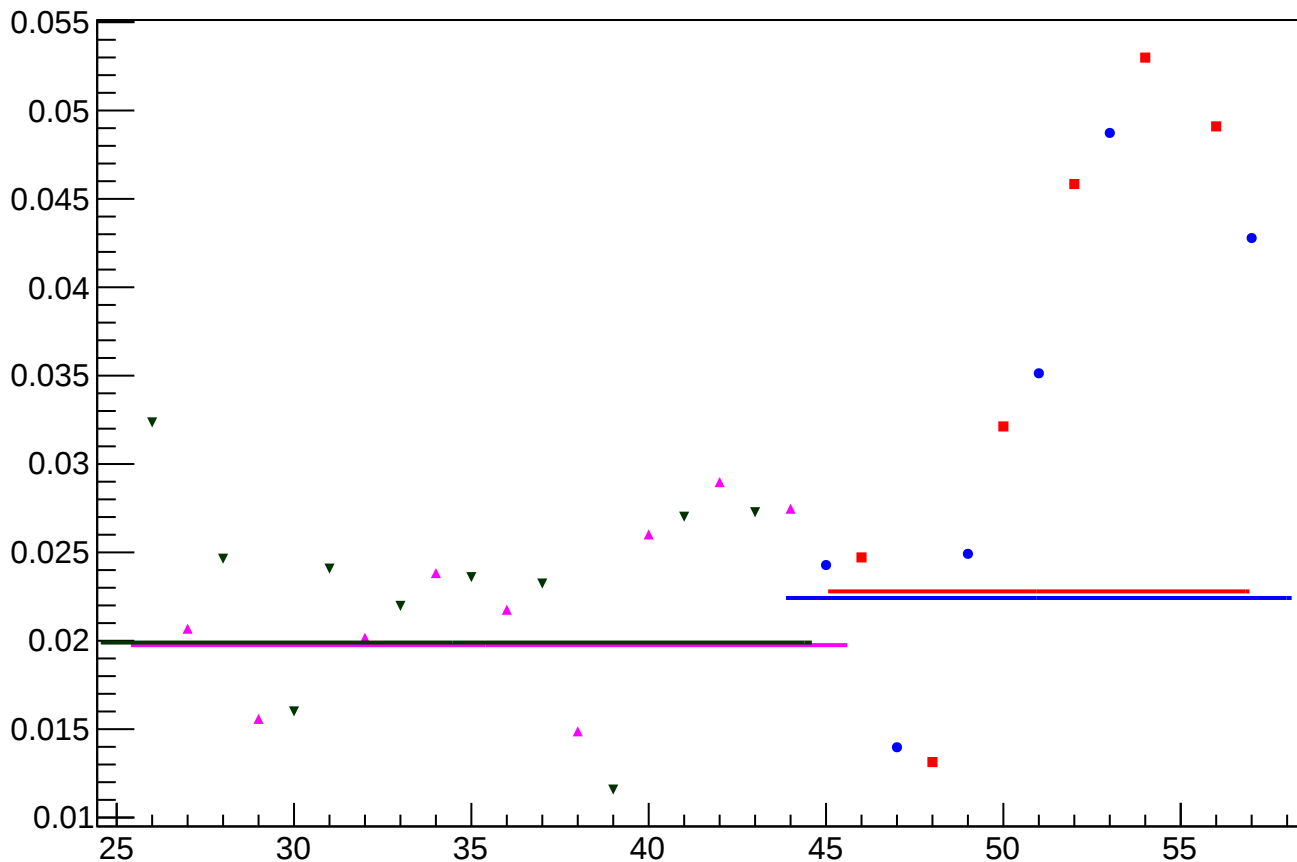
Right Out: 0.325+/-0.000 χ^2/NDF : 625076.2/5

Left In: 0.308+/-0.000 χ^2/NDF : 7379435.7/8

0.318+/-0.000 χ^2/NDF : 5888718.5/15

0.312+/-0.000 χ^2/NDF : 8965495.1/14

yield_bpm4eX_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 828800.4/5

Left Out: 0.020+/-0.000 χ^2/NDF : 884674.2/9

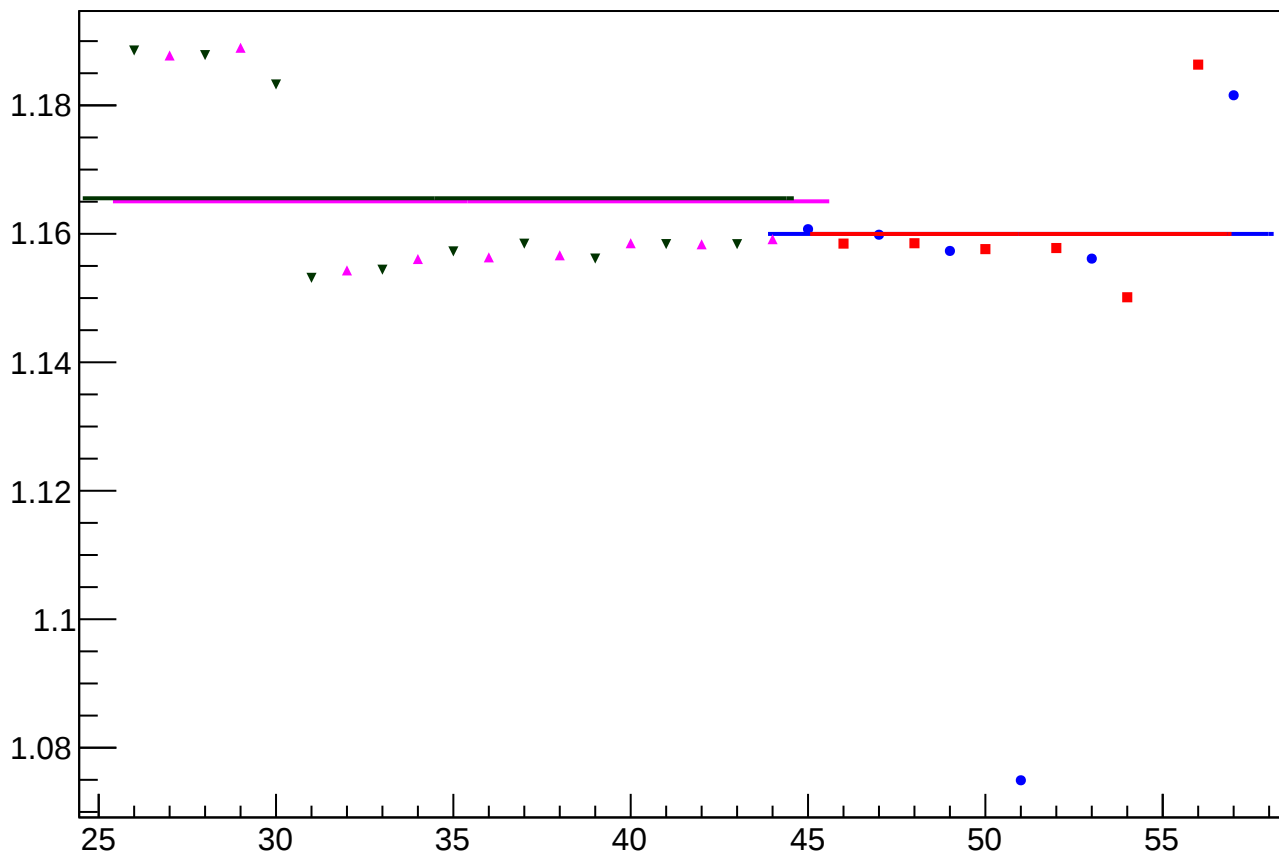
Right Out: 0.023+/-0.000 χ^2/NDF : 1386108.4/5

Left In: 0.020+/-0.000 χ^2/NDF : 480943.5/8

0.021+/-0.000 χ^2/NDF : 1756000.1/15

0.020+/-0.000 χ^2/NDF : 1923462.9/14

yield_bpm4eY_mean vs slug



Right In: 1.160+/-0.000 χ^2/NDF : 1734884.0/5

Left Out: 1.166+/-0.000 χ^2/NDF :12029920.3/9

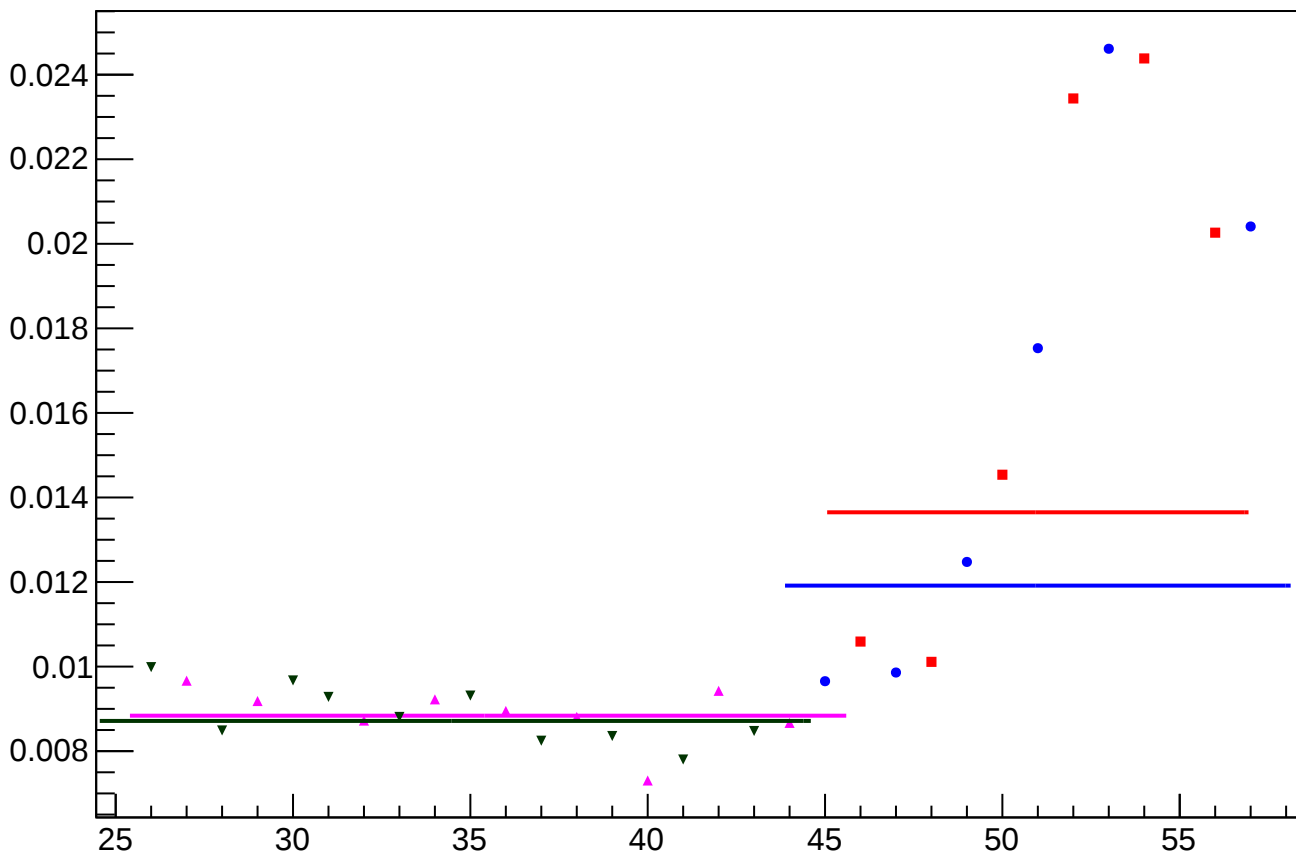
Right Out: 1.160+/-0.000 χ^2/NDF : 808589.7/5

Left In: 1.165+/-0.000 χ^2/NDF :13350723.3/8

1.164+/-0.000 χ^2/NDF : 14196460.1/15

1.164+/-0.000 χ^2/NDF : 14435940.7/14

yield_bpm4eY_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 527610.7/5

Left Out: 0.009+/-0.000 χ^2/NDF : 53979.4/9

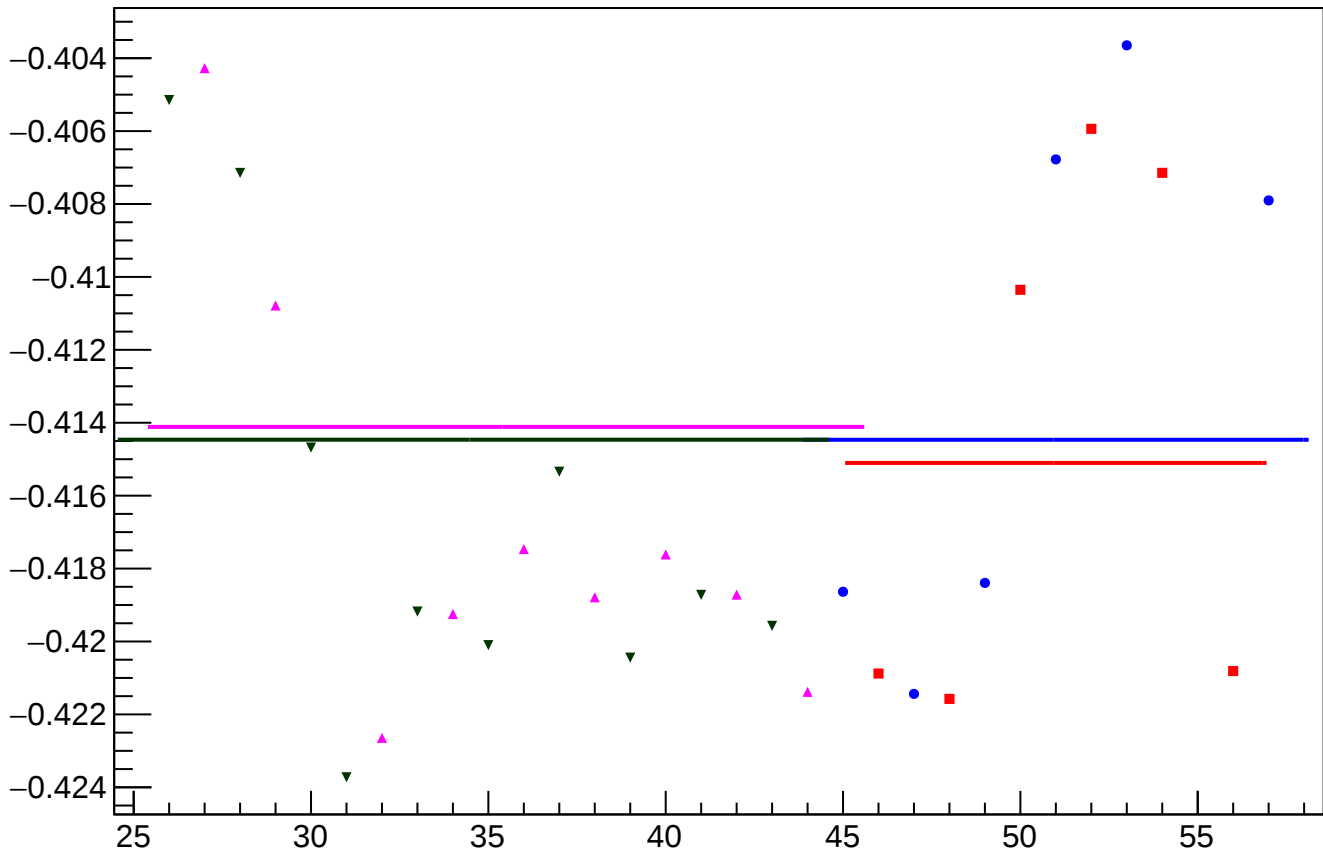
Right Out: 0.014+/-0.000 χ^2/NDF : 615873.1/5

Left In: 0.009+/-0.000 χ^2/NDF : 62872.2/8

0.009+/-0.000 χ^2/NDF : 868749.5/15

0.010+/-0.000 χ^2/NDF : 1175095.7/14

yield_bpm4acX_mean vs slug



Right In: -0.414+/-0.000 χ^2/NDF : 1301261.1/5

Left Out: -0.414+/-0.000 χ^2/NDF : 2317186.9/9

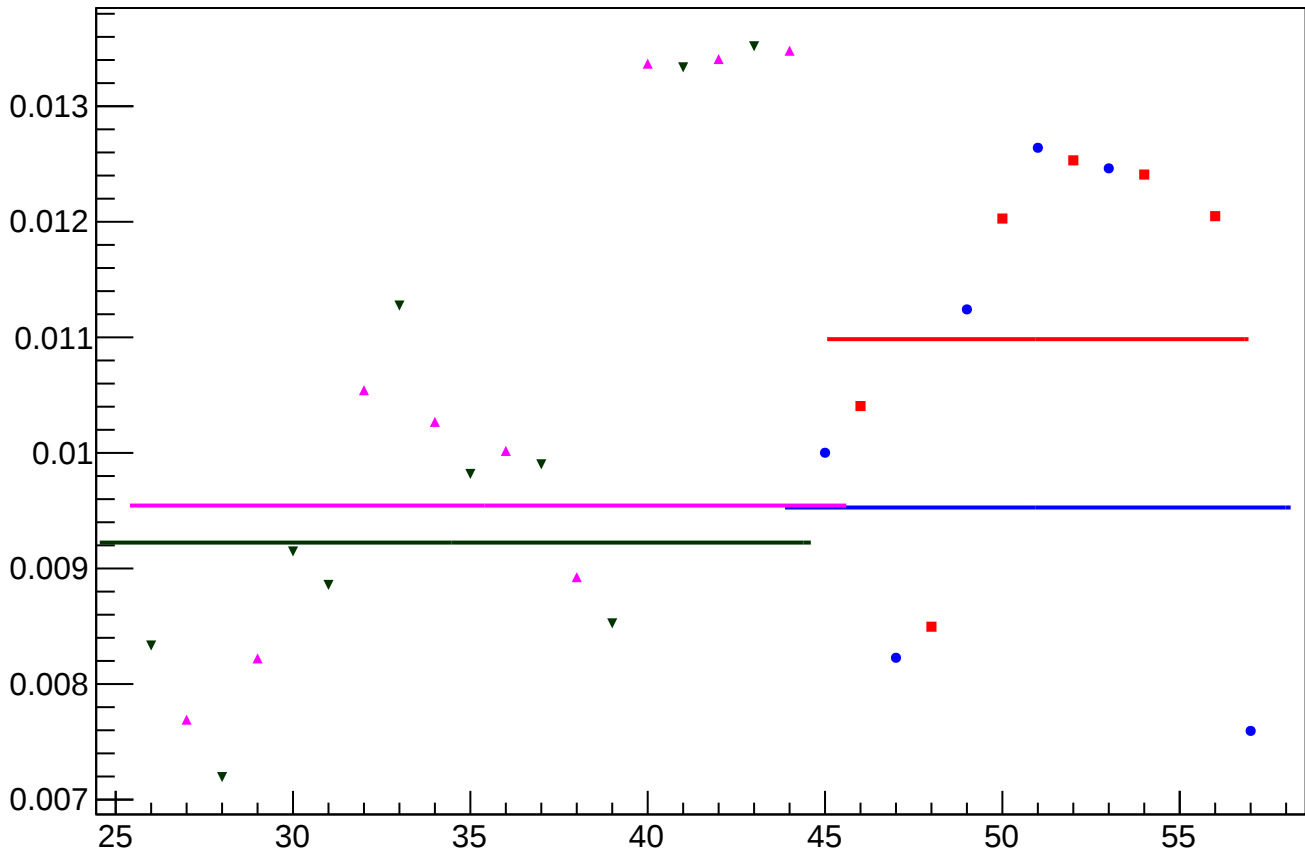
Right Out: -0.415+/-0.000 χ^2/NDF : 1054039.2/5

Left In: -0.414+/-0.000 χ^2/NDF : 2652501.7/8

-0.414+/-0.000 χ^2/NDF : 3618448.2/15

-0.414+/-0.000 χ^2/NDF : 3722712.5/14

yield_bpm4acX_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 194767.8/5

Left Out: 0.009+/-0.000 χ^2/NDF : 372041.8/9

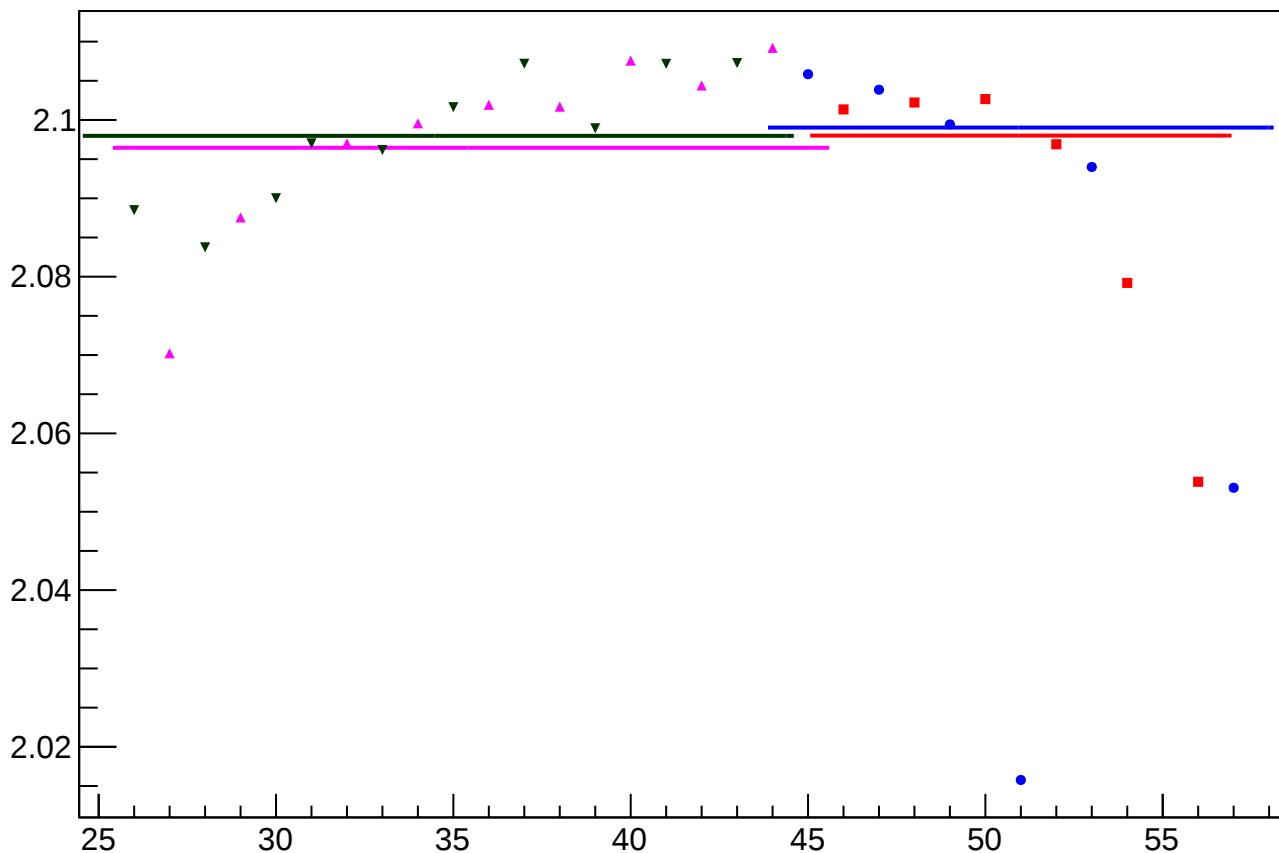
0.009+/-0.000 χ^2/NDF : 570593.6/15

Right Out: 0.011+/-0.000 χ^2/NDF : 121539.5/5

0.010+/-0.000 χ^2/NDF : 611138.2/14

Left In: 0.010+/-0.000 χ^2/NDF : 420991.7/8

yield_bpm4acY_mean vs slug



Right In: 2.099+/-0.000 χ^2/NDF : 1556150.7/5

Left Out: 2.098+/-0.000 χ^2/NDF :1974278.7/9

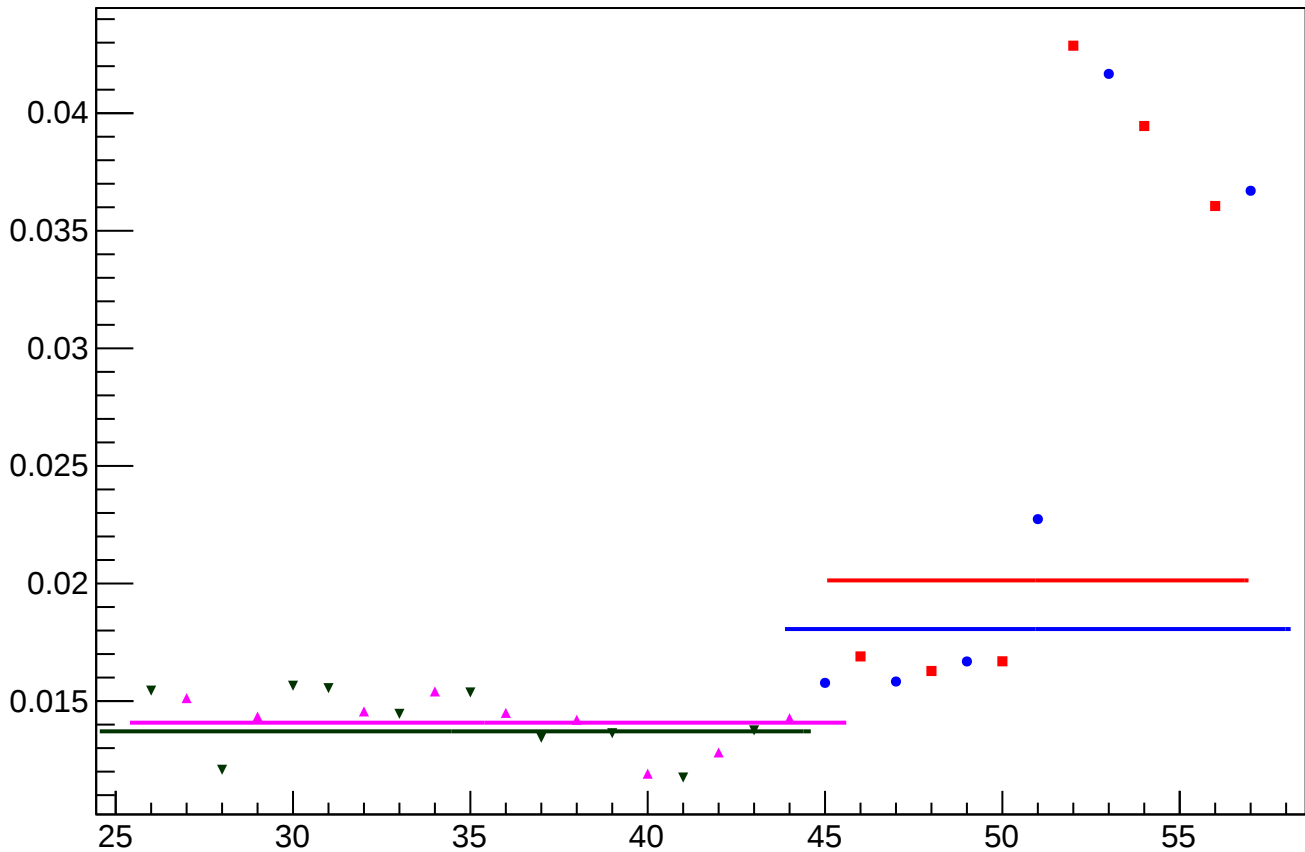
2.098+/-0.000 χ^2/NDF : 3537183.8/15

Right Out: 2.098+/-0.000 χ^2/NDF : 816755.4/5

2.097+/-0.000 χ^2/NDF : 4817903.8/14

Left In: 2.096+/-0.000 χ^2/NDF :3989569.5/8

yield_bpm4acY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 605933.9/5

Left Out: 0.014+/-0.000 χ^2/NDF :105896.2/9

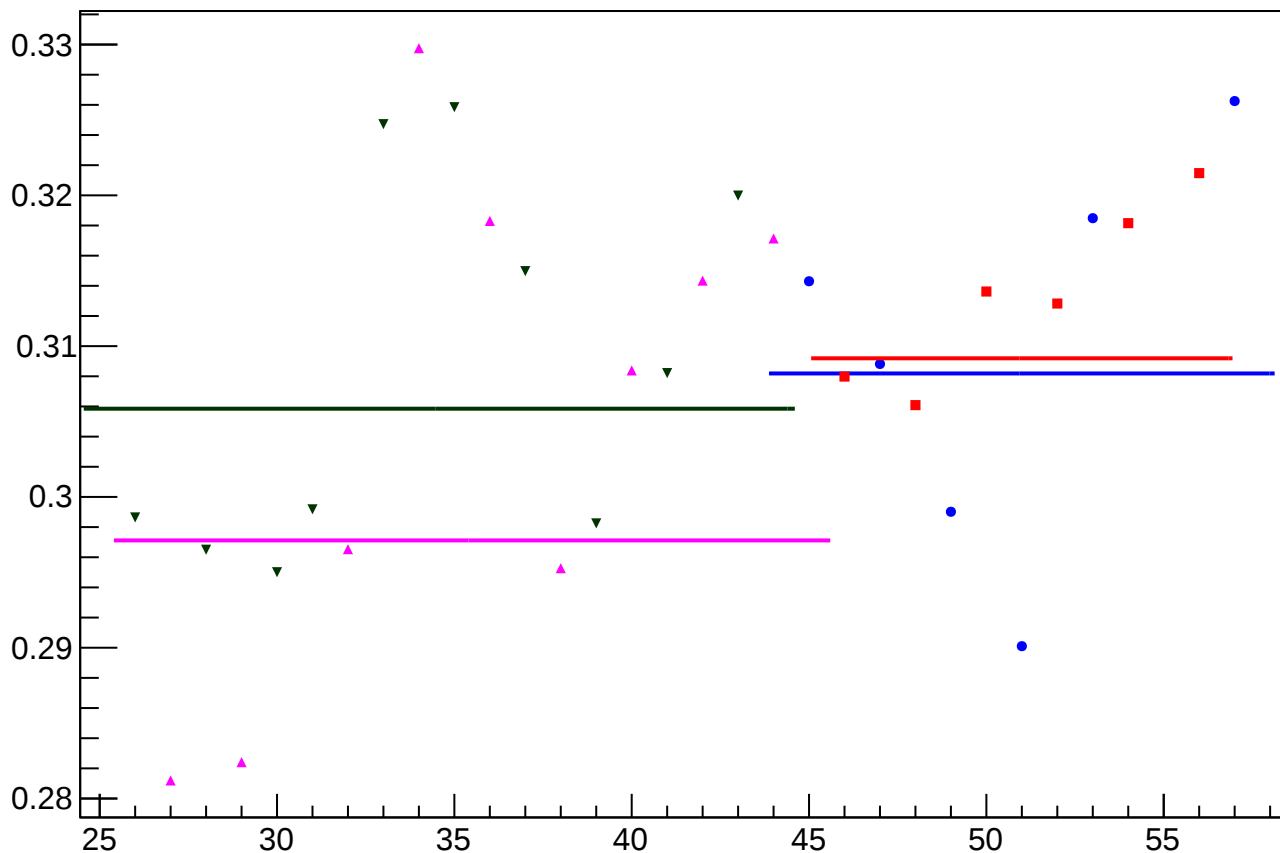
Right Out: 0.020+/-0.000 χ^2/NDF : 793629.6/5

Left In: 0.014+/-0.000 χ^2/NDF :60734.0/8

0.015+/-0.000 χ^2/NDF : 940411.9/15

0.015+/-0.000 χ^2/NDF : 1204730.5/14

yield_bpm4ecX_mean vs slug



Right In: 0.308 $\pm$ 0.000 χ^2 /NDF: 297844.3/5

Left Out: 0.306 $\pm$ 0.000 χ^2 /NDF:1444203.8/9

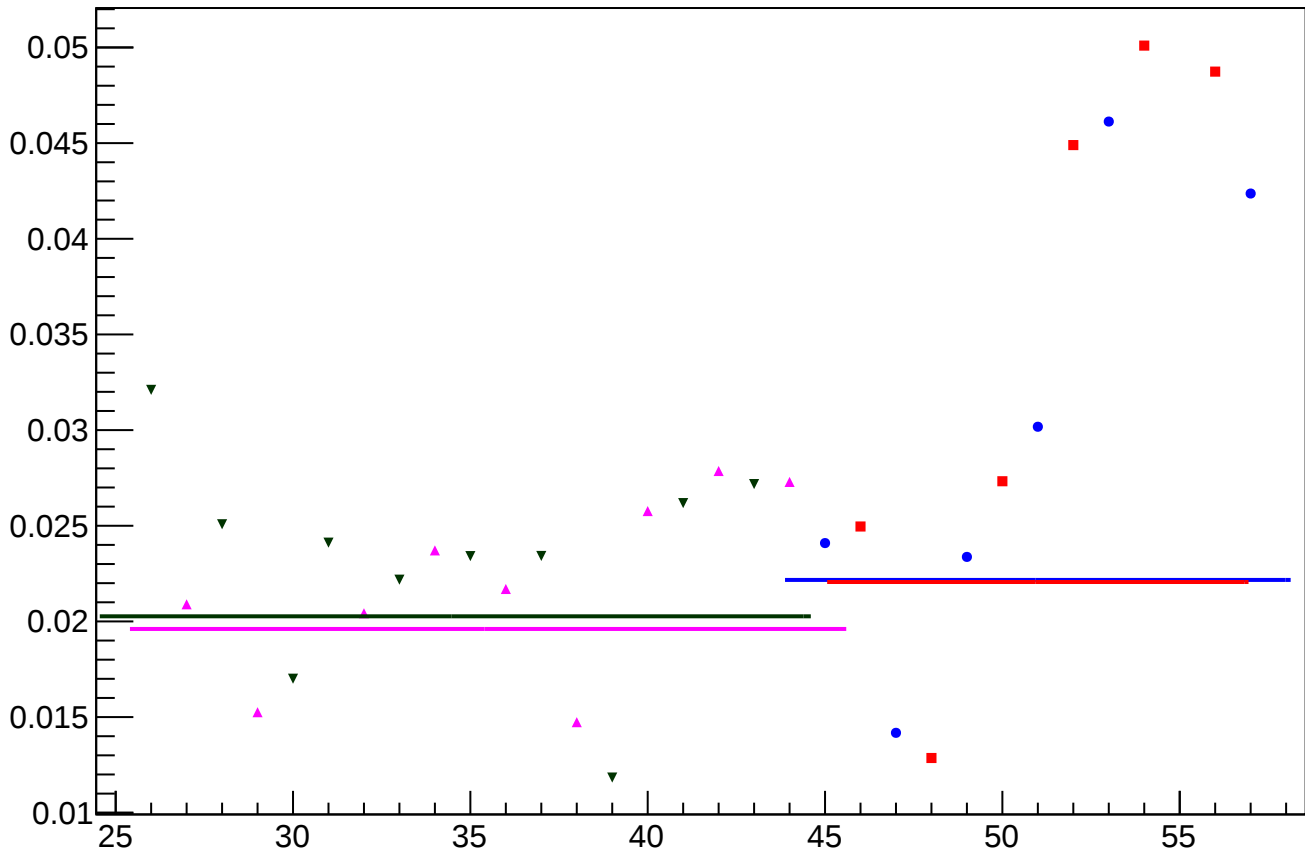
Right Out: 0.309 $\pm$ 0.000 χ^2 /NDF: 87398.8/5

Left In: 0.297 $\pm$ 0.000 χ^2 /NDF:3115158.7/8

0.307 $\pm$ 0.000 χ^2 /NDF: 1760760.9/15

0.300 $\pm$ 0.000 χ^2 /NDF: 3678146.5/14

yield_bpm4ecX_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF : 757310.6/5

Left Out: 0.020+/-0.000 χ^2/NDF : 805825.9/9

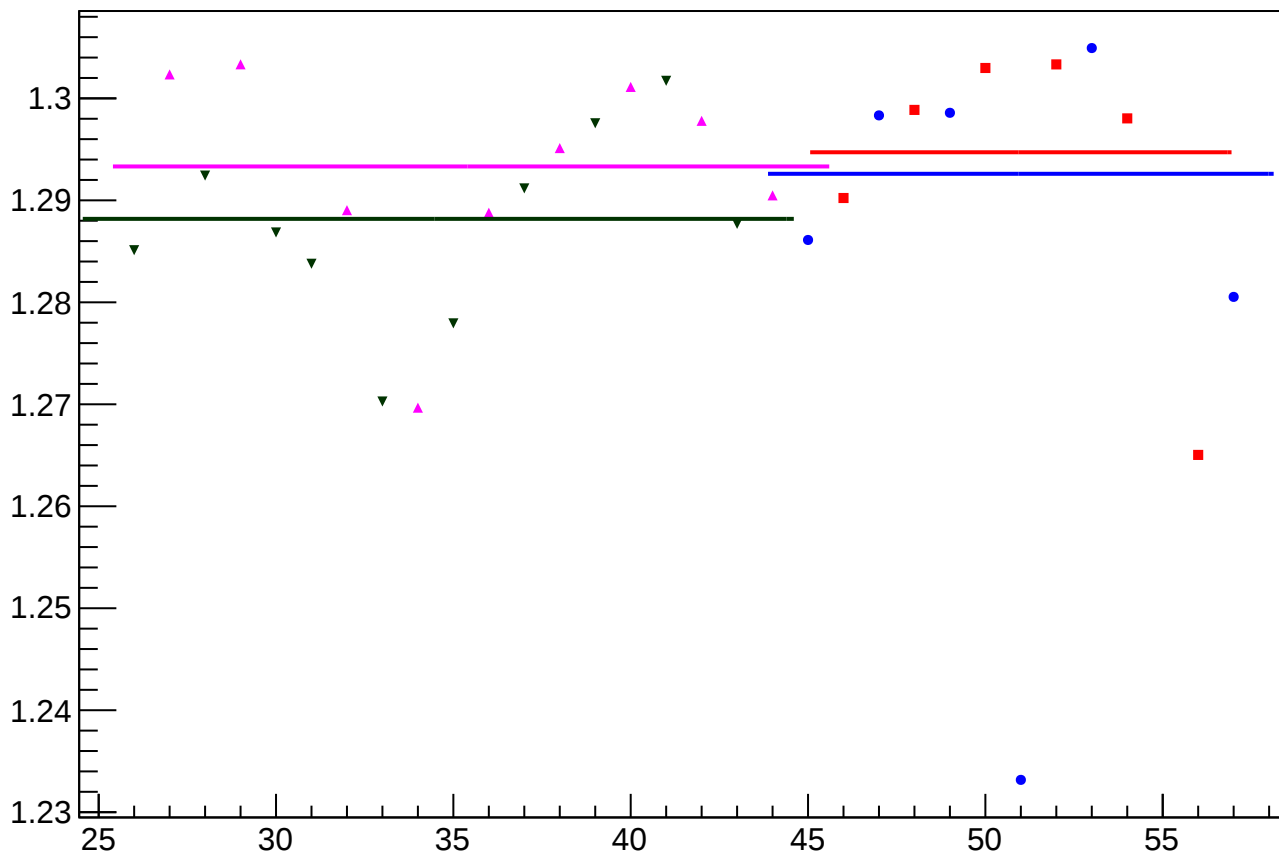
0.021+/-0.000 χ^2/NDF : 1587923.1/15

Right Out: 0.022+/-0.000 χ^2/NDF : 1330596.6/5

0.020+/-0.000 χ^2/NDF : 1862250.6/14

Left In: 0.020+/-0.000 χ^2/NDF : 492370.5/8

yield_bpm4ecY_mean vs slug



Right In: 1.293 ± 0.000 χ^2/NDF : 1178636.7/5

Left Out: 1.288 ± 0.000 χ^2/NDF : 3977019.1/9

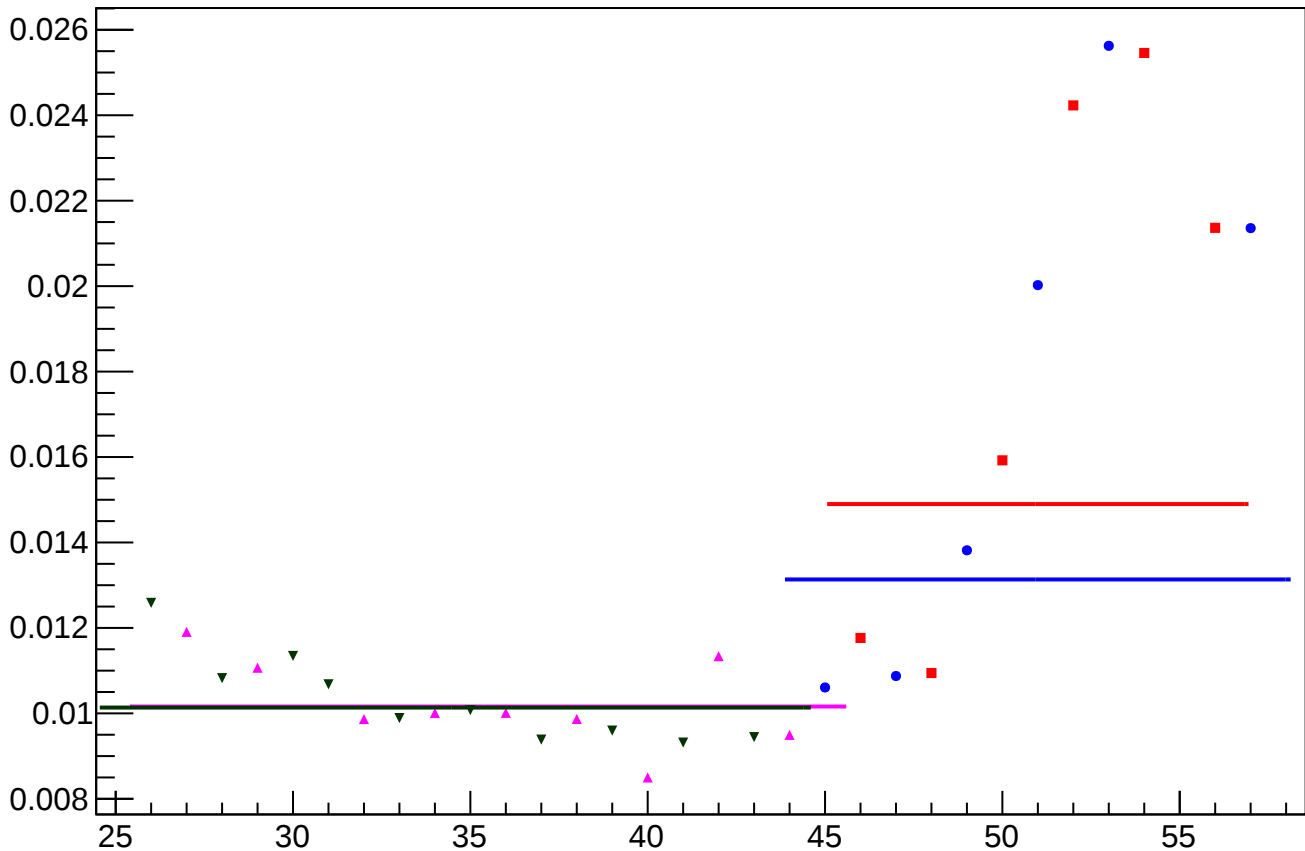
Right Out: 1.295 ± 0.000 χ^2/NDF : 1119754.7/5

Left In: 1.293 ± 0.000 χ^2/NDF : 4684548.1/8

1.289 ± 0.000 χ^2/NDF : 5378019.5/15

1.294 ± 0.000 χ^2/NDF : 5821594.0/14

yield_bpm4ecY_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 482688.7/5

Left Out: 0.010+/-0.000 χ^2/NDF : 77620.6/9

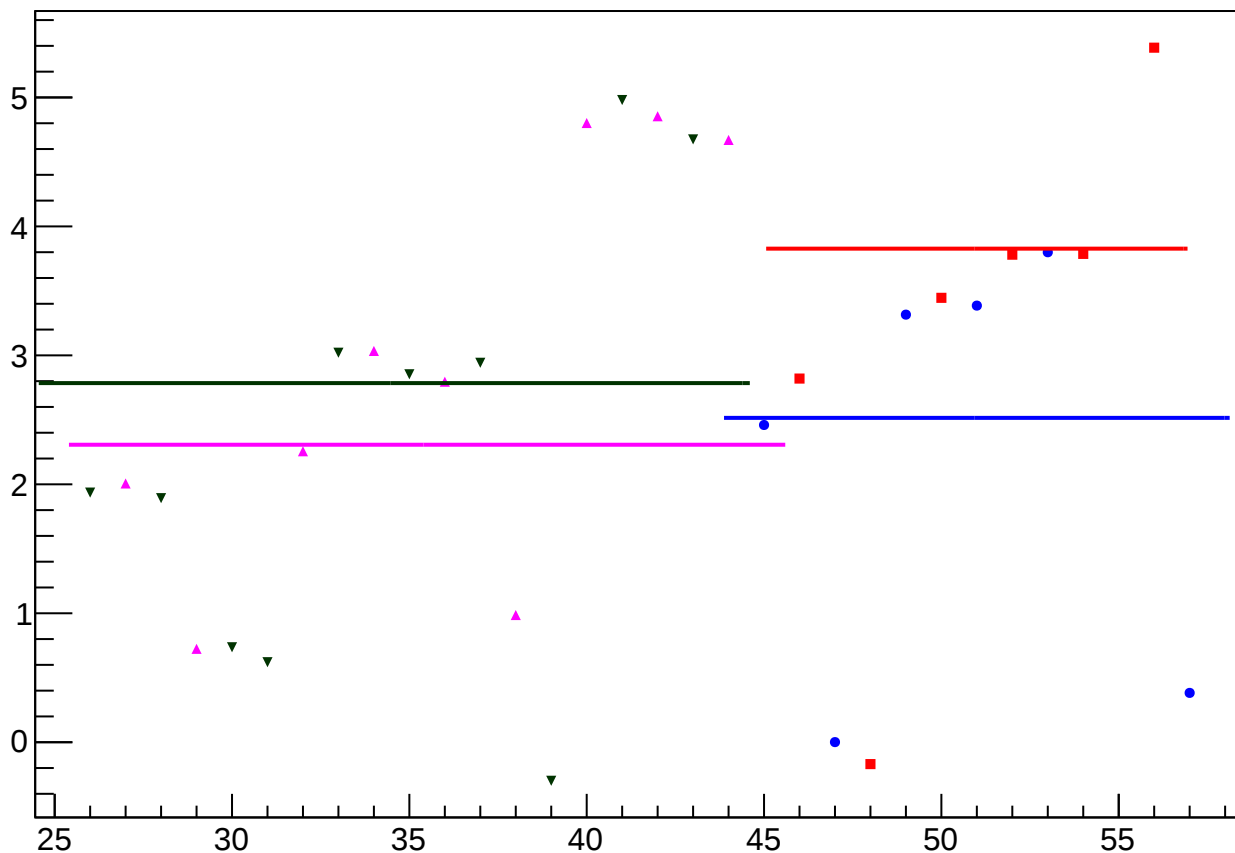
Right Out: 0.015+/-0.000 χ^2/NDF : 552904.2/5

Left In: 0.010+/-0.000 χ^2/NDF : 100523.1/8

0.011+/-0.000 χ^2/NDF : 765074.3/15

0.011+/-0.000 χ^2/NDF : 1054787.8/14

yield_bpm1X_mean vs slug



Right In: 2.515+/-0.000 χ^2/NDF : 1131150344.4/5

Left Out: 2.785+/-0.000 χ^2/NDF : 937439159.6/9

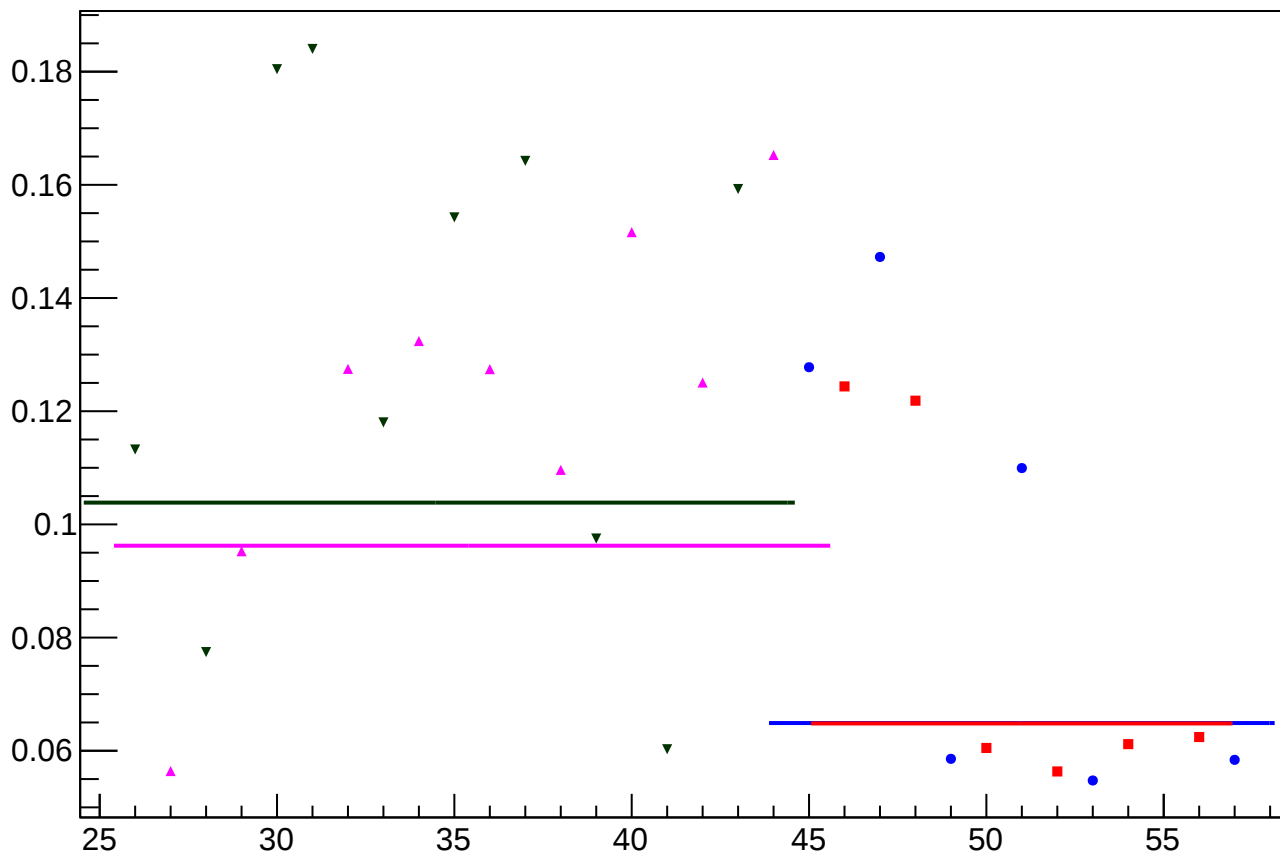
Right Out: 3.828+/-0.000 χ^2/NDF : 691685342.7/5

Left In: 2.307+/-0.000 χ^2/NDF : 636892146.9/8

2.617+/-0.000 χ^2/NDF : 2083000012.6/15

3.173+/-0.000 χ^2/NDF : 1875901711.6/14

yield_bpm1X_rms vs slug



Right In: 0.065+/-0.000 χ^2/NDF : 566415.4/5

Left Out: 0.104+/-0.000 χ^2/NDF : 1069454.4/9

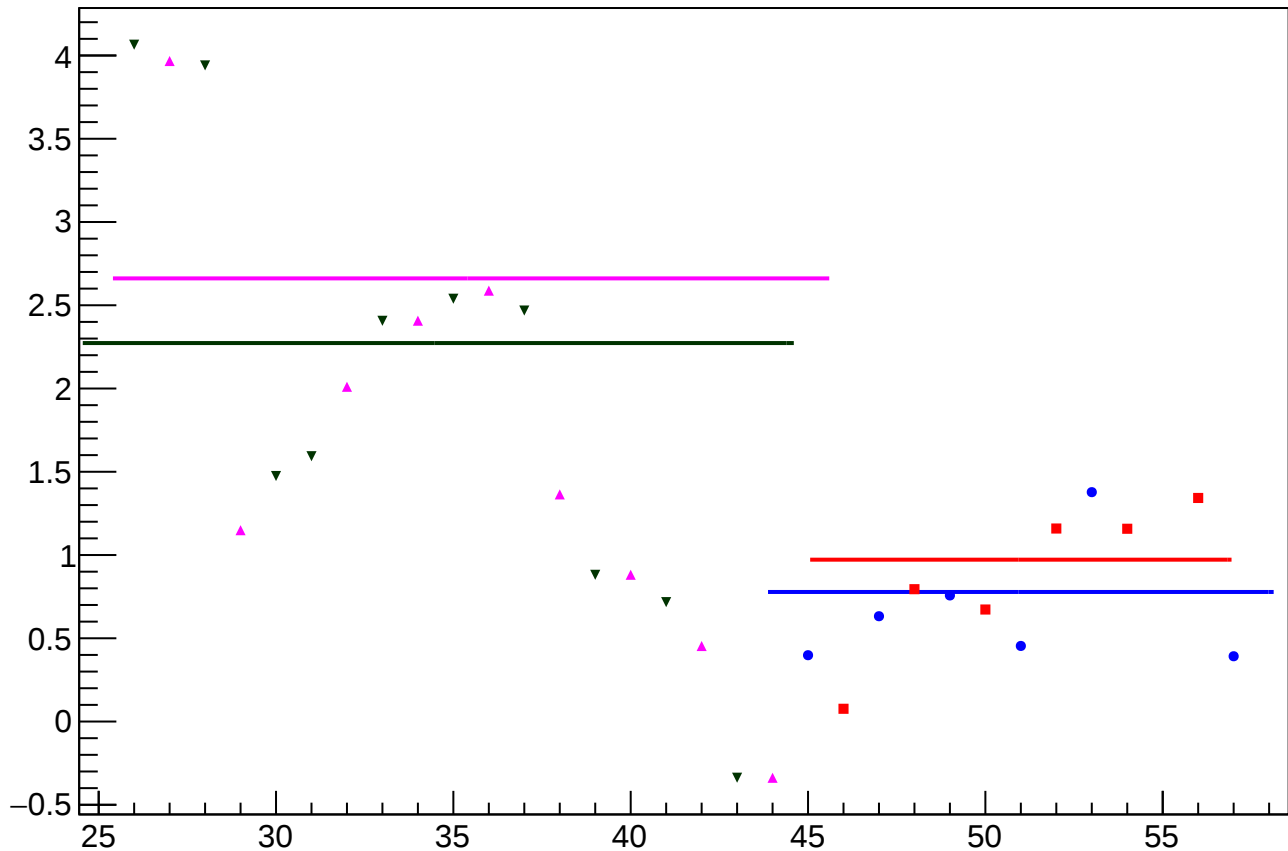
Right Out: 0.065+/-0.000 χ^2/NDF : 326825.2/5

Left In: 0.096+/-0.000 χ^2/NDF : 1064500.6/8

0.080+/-0.000 χ^2/NDF : 2237231.8/15

0.078+/-0.000 χ^2/NDF : 1858246.9/14

yield_bpm1Y_mean vs slug



Right In: 0.778 $\pm$ 0.000 χ^2 /NDF: 111745636.1/5

Left Out: 2.273 $\pm$ 0.000 χ^2 /NDF: 1459606873.3/9

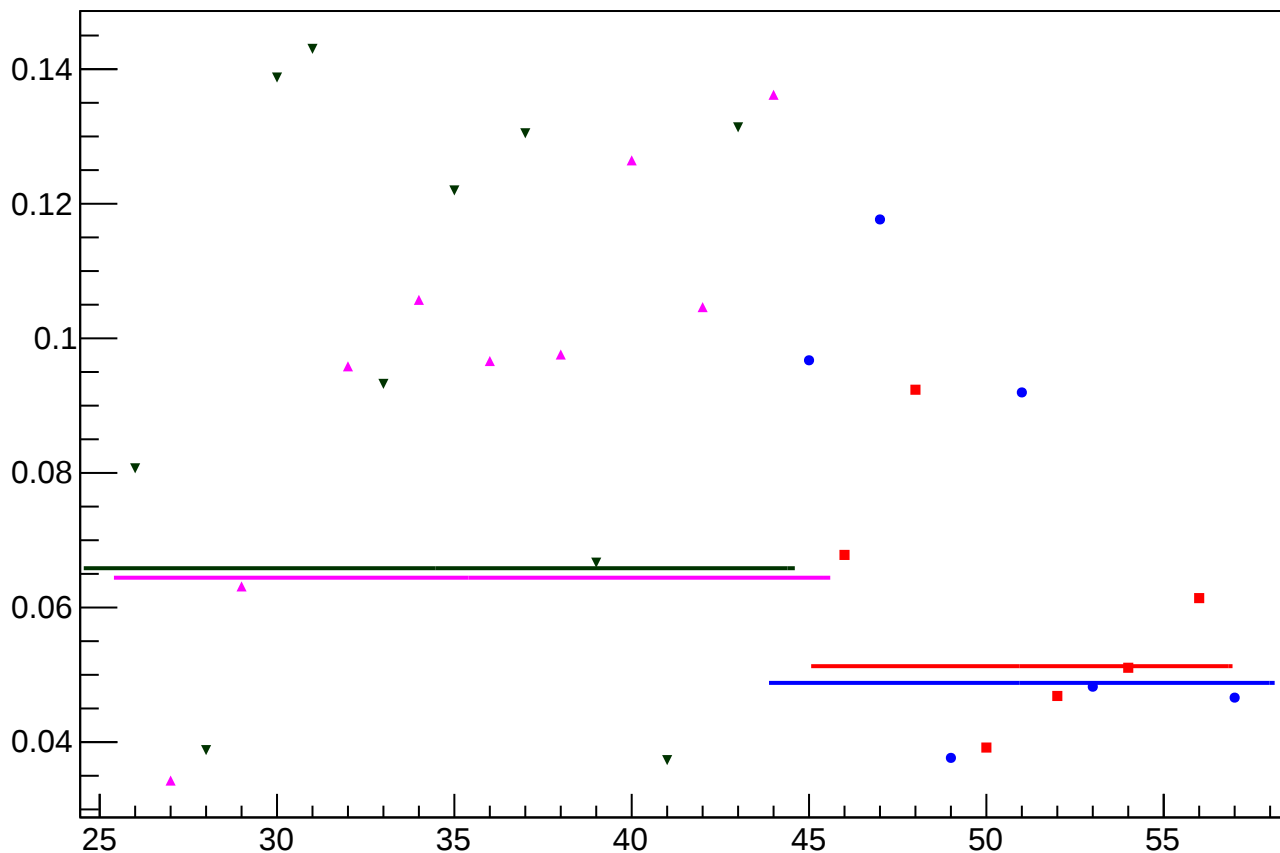
Right Out: 0.972 $\pm$ 0.000 χ^2 /NDF: 88816216.9/5

Left In: 2.661 $\pm$ 0.000 χ^2 /NDF: 1577424597.4/8

1.422 $\pm$ 0.000 χ^2 /NDF: 2408518414.6/15

1.813 $\pm$ 0.000 χ^2 /NDF: 2830341087.4/14

yield_bpm1Y_rms vs slug



Right In: 0.049 $\pm$ 0.000 χ^2 /NDF: 626812.7/5

Left Out: 0.066 $\pm$ 0.000 χ^2 /NDF:1775612.2/9

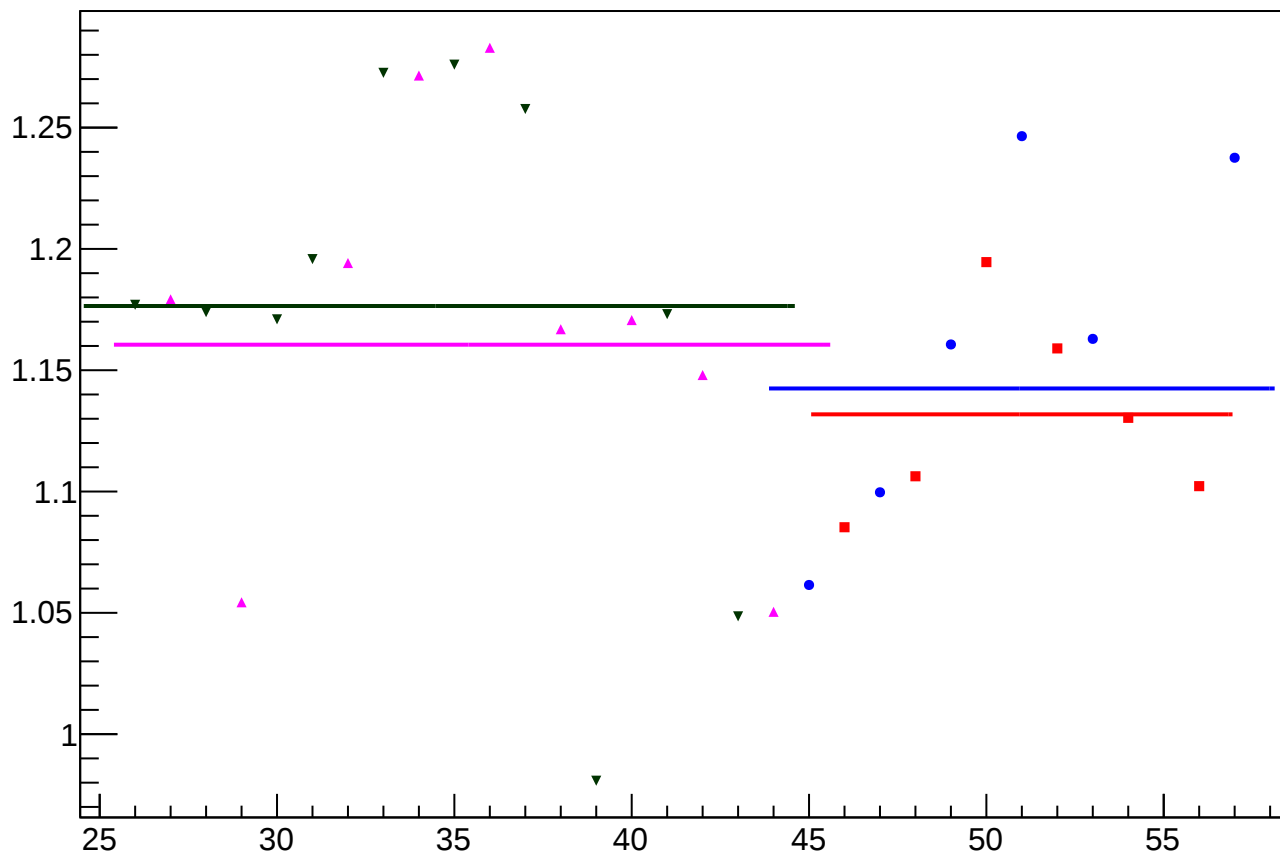
Right Out: 0.051 $\pm$ 0.000 χ^2 /NDF: 262065.4/5

Left In: 0.064 $\pm$ 0.000 χ^2 /NDF:1803430.9/8

0.056 $\pm$ 0.000 χ^2 /NDF: 2619961.8/15

0.058 $\pm$ 0.000 χ^2 /NDF: 2206492.7/14

yield_bpm11X_mean vs slug



Right In: 1.142 $\pm$ 0.000 χ^2 /NDF: 15493337.5/5

Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66030727.8/9

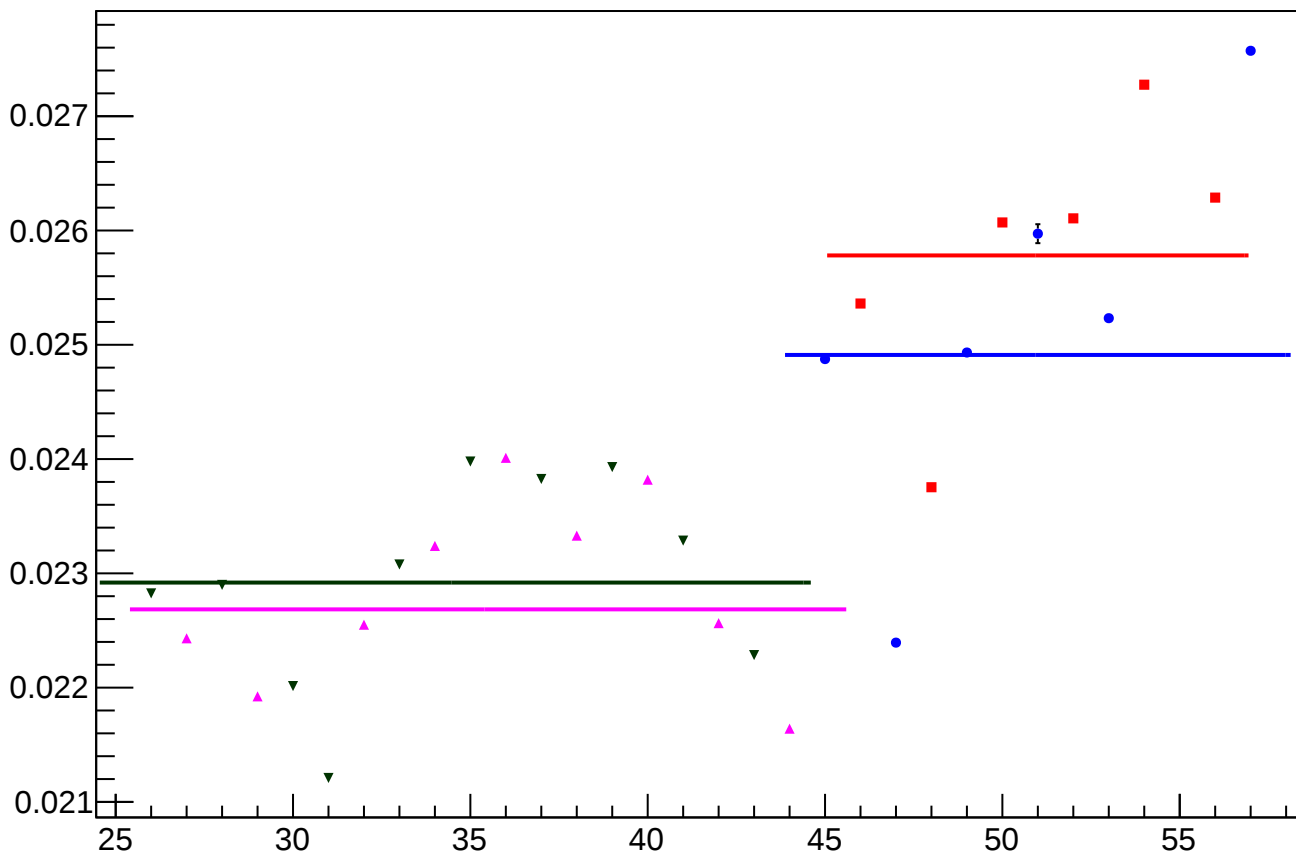
Right Out: 1.132 $\pm$ 0.000 χ^2 /NDF: 5852893.9/5

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF: 58013078.5/8

1.165 $\pm$ 0.000 χ^2 /NDF: 85173999.5/15

1.152 $\pm$ 0.000 χ^2 /NDF: 66320872.1/14

yield_bpm11X_rms vs slug



Right In: 0.025+/-0.000 χ^2/NDF : 20539.7/5

Left Out: 0.023+/-0.000 χ^2/NDF :12479.4/9

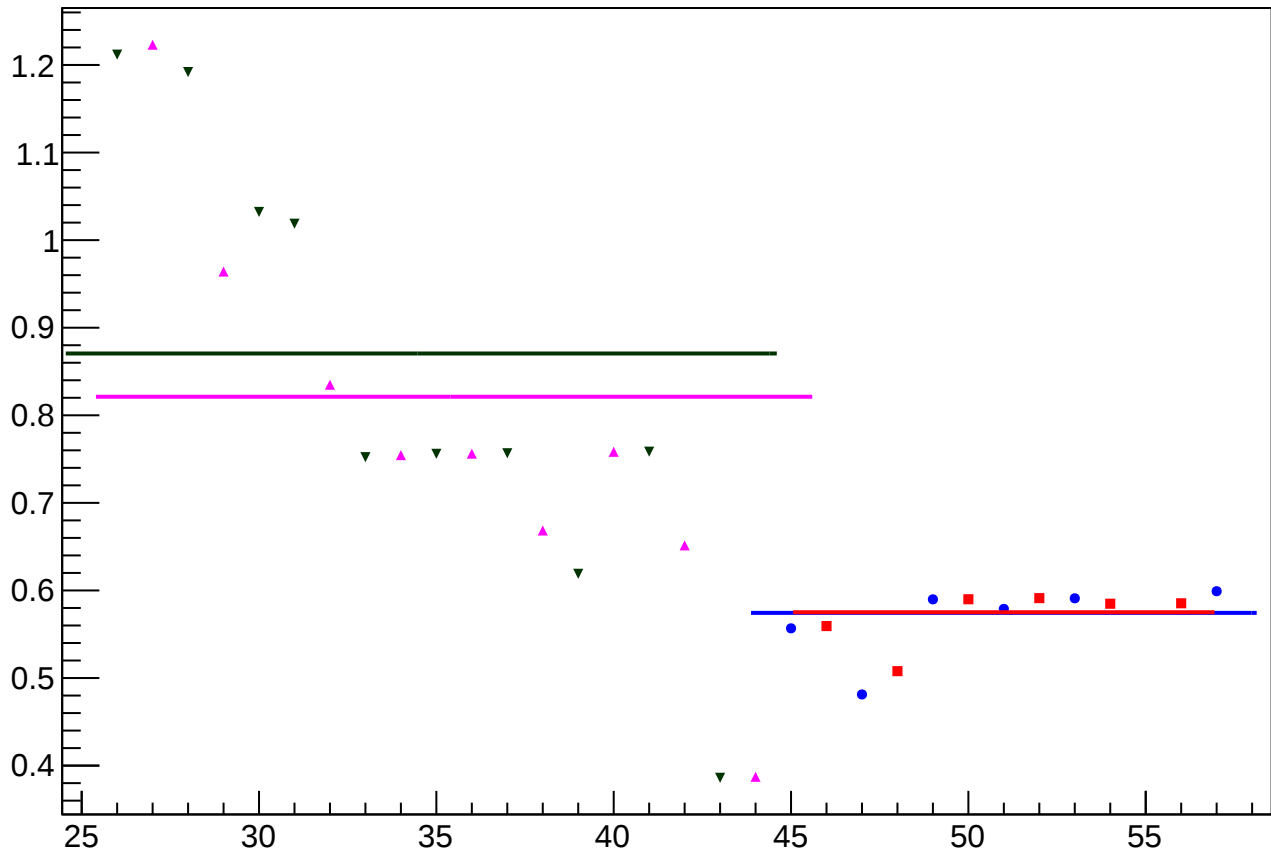
Right Out: 0.026+/-0.000 χ^2/NDF : 9890.0/5

Left In: 0.023+/-0.000 χ^2/NDF :10953.7/8

0.024+/-0.000 χ^2/NDF : 58083.4/15

0.024+/-0.000 χ^2/NDF : 77991.1/14

yield_bpm11Y_mean vs slug



Right In: 0.574+/-0.000 χ^2/NDF : 245444687.5/5

Left Out: 0.871+/-0.000 χ^2/NDF :19713959128.0/9

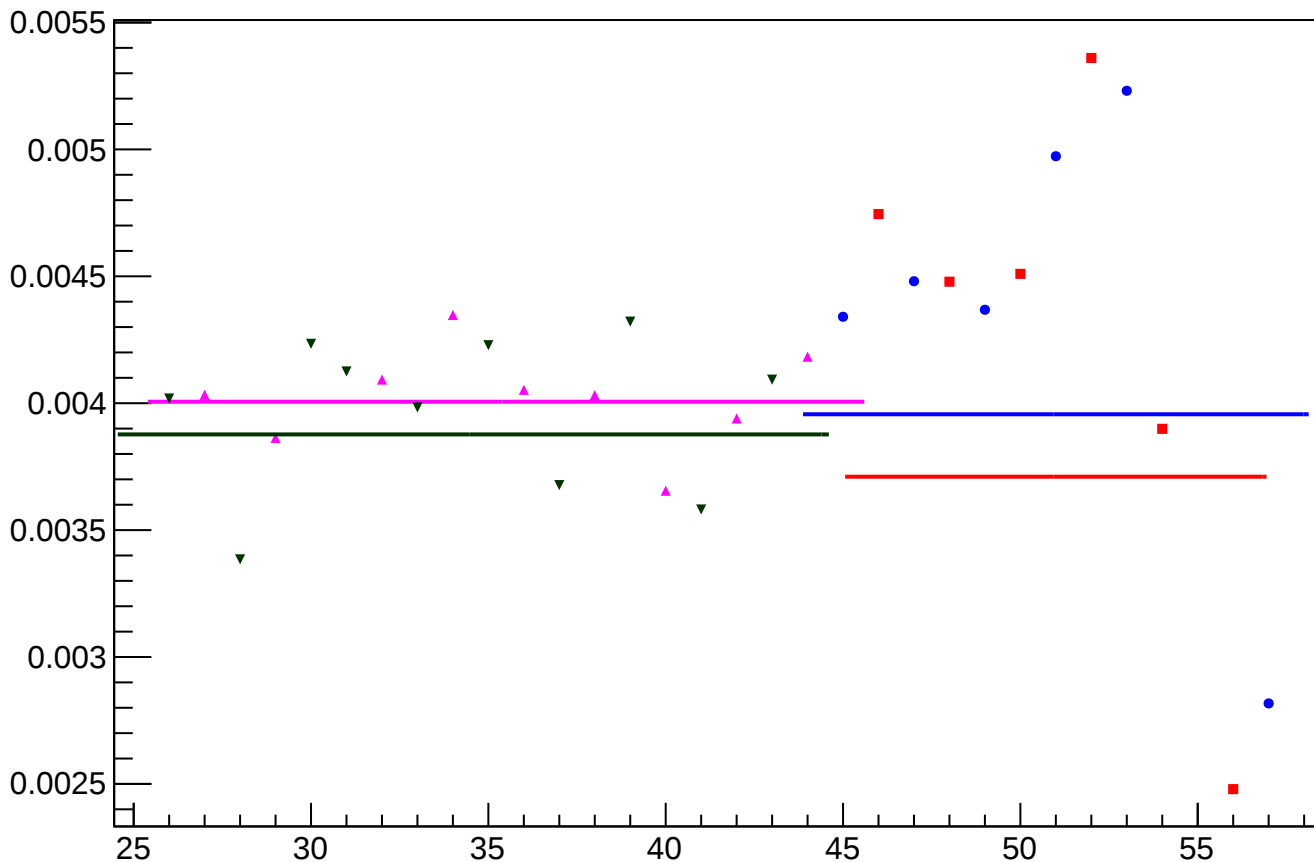
0.764+/-0.000 χ^2/NDF : 30114602304.1/15

Right Out: 0.575+/-0.000 χ^2/NDF : 124167332.3/5

0.733+/-0.000 χ^2/NDF : 24417286580.6/14

Left In: 0.821+/-0.000 χ^2/NDF :16933098882.9/8

yield_bpm11Y_rms vs slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 255536.9/5

Left Out: 0.004 $\pm$ 0.000 χ^2 /NDF:65331.5/9

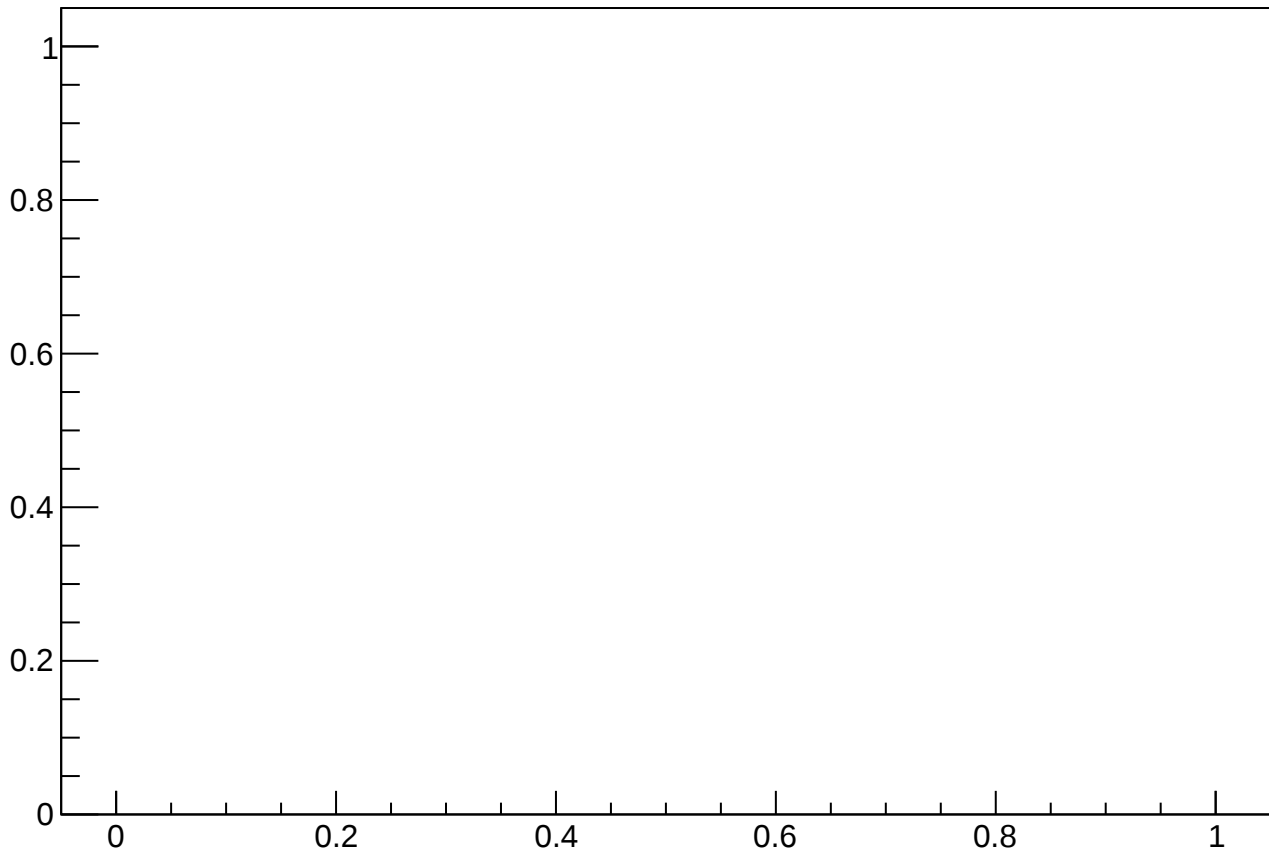
Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 425772.3/5

Left In: 0.004 $\pm$ 0.000 χ^2 /NDF:20427.1/8

0.004 $\pm$ 0.000 χ^2 /NDF: 322326.2/15

0.004 $\pm$ 0.000 χ^2 /NDF: 467404.1/14

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

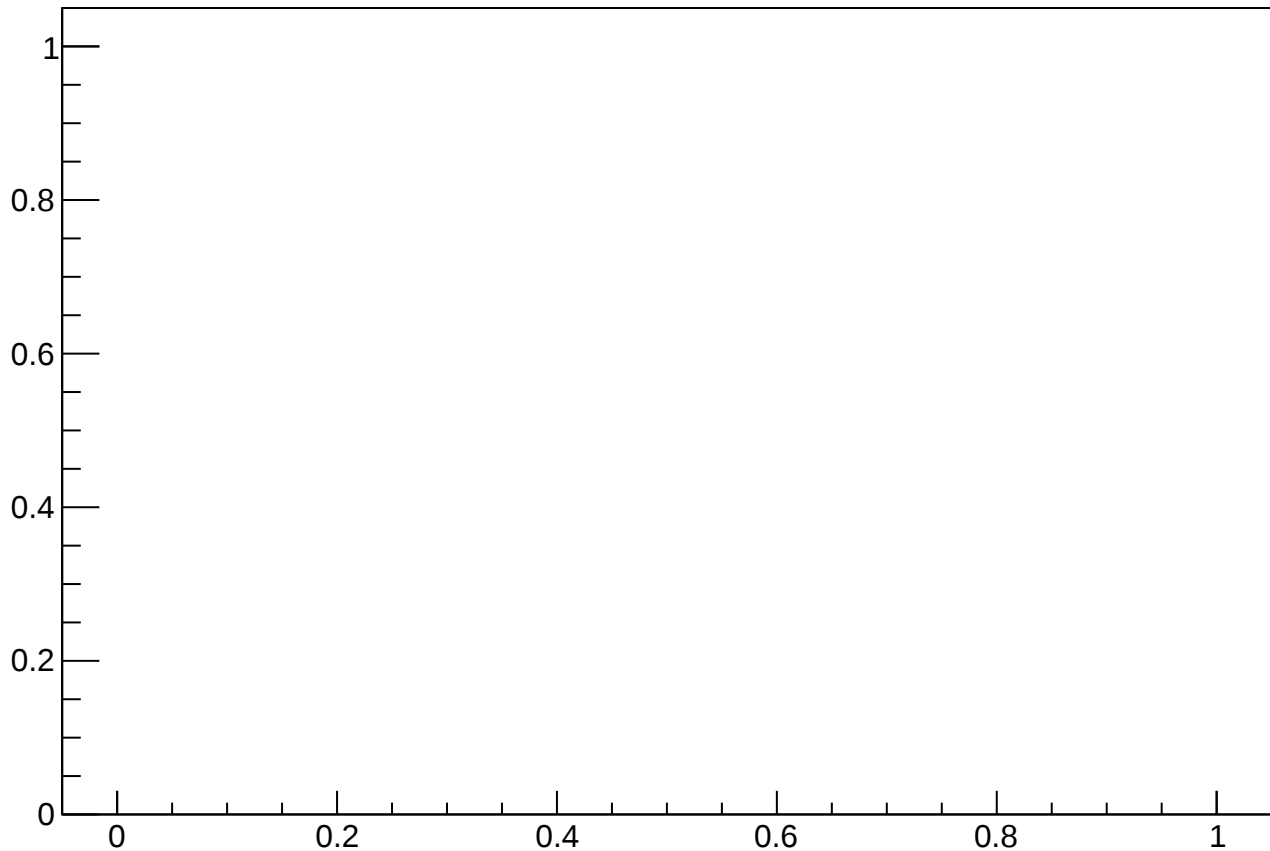
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

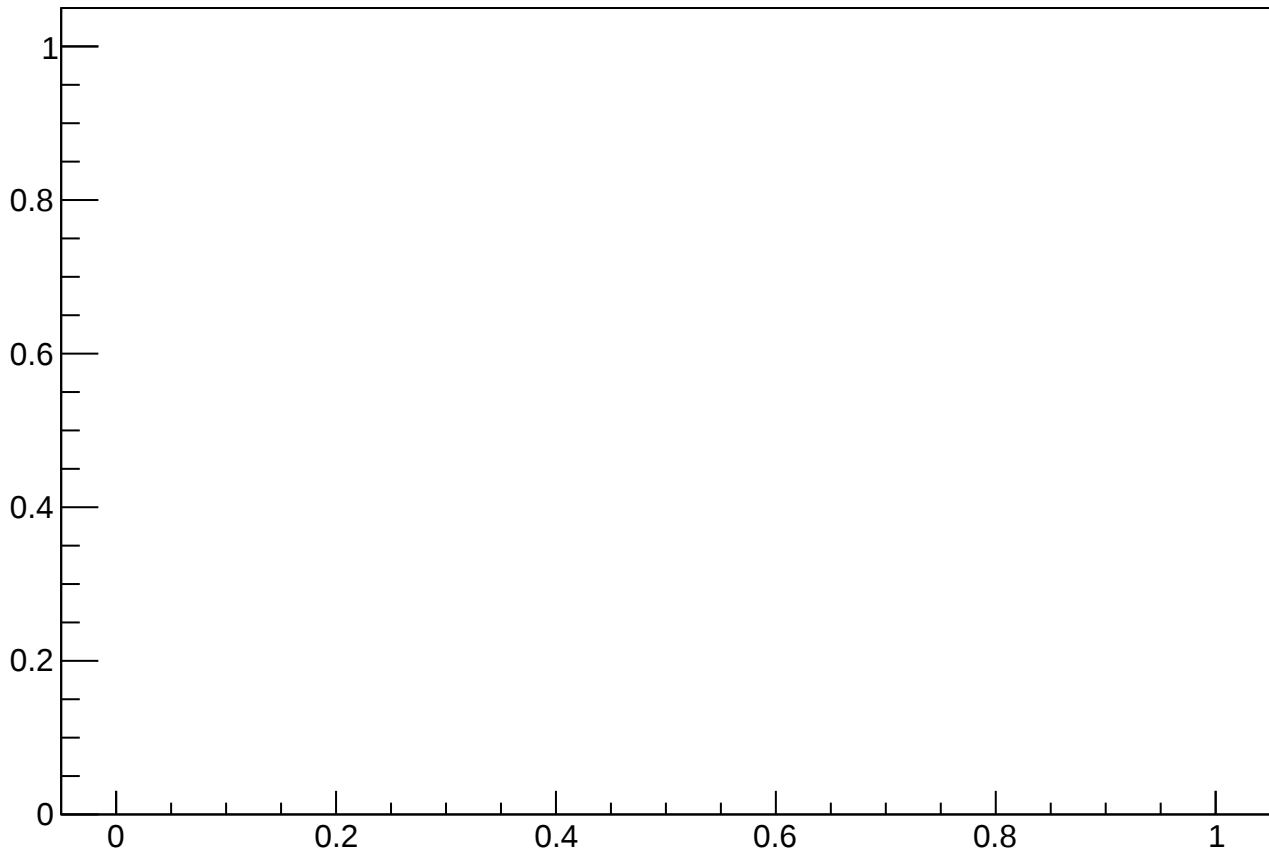
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

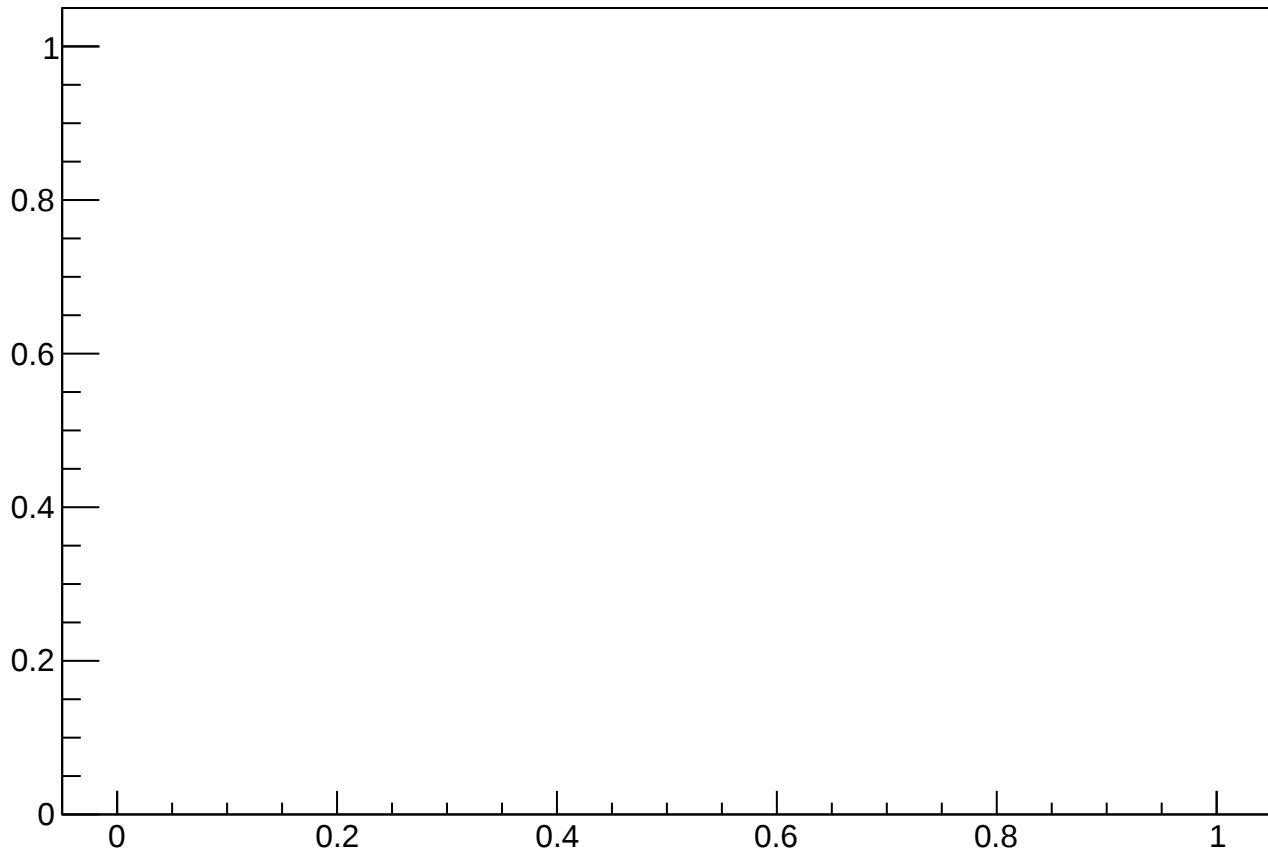
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

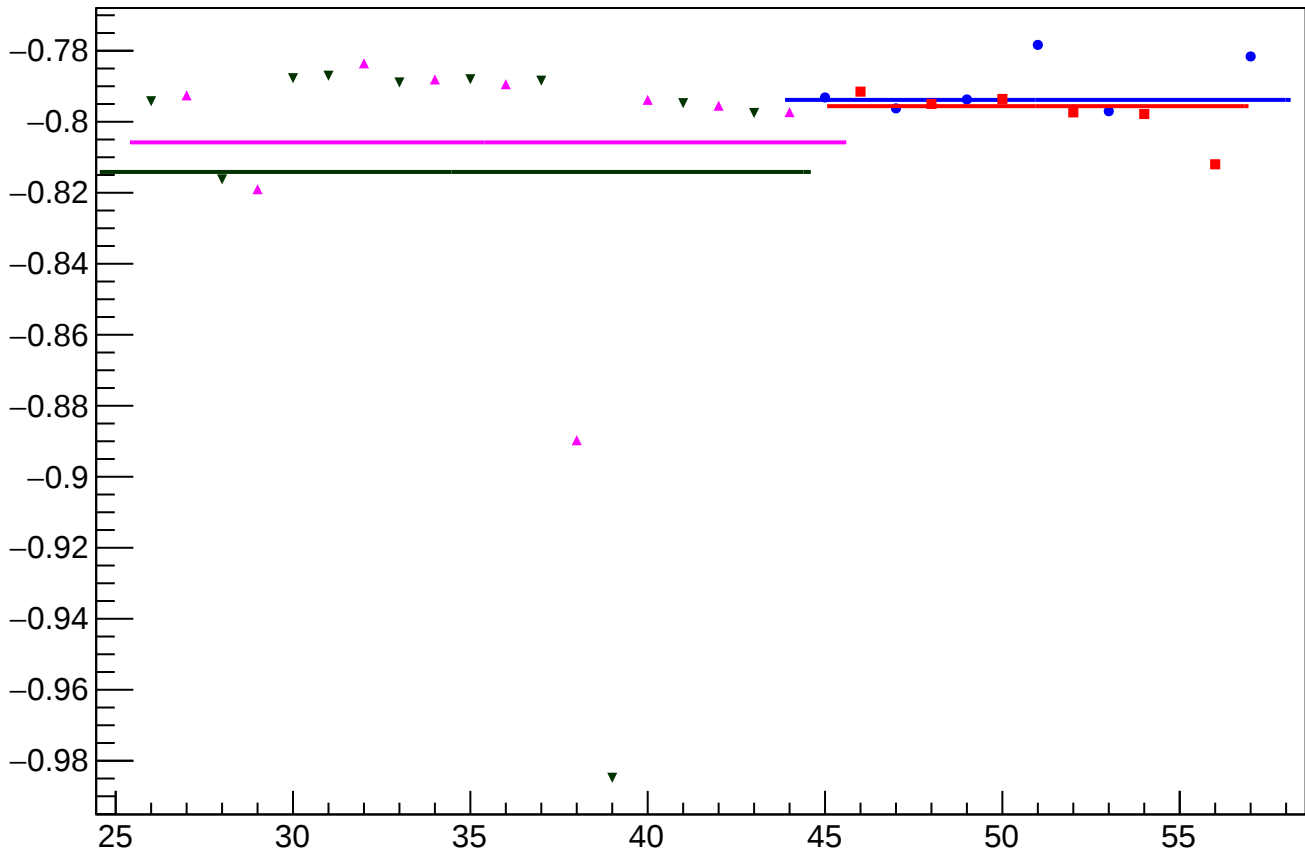
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.794+/-0.000 χ^2/NDF : 578261.4/5

Left Out: -0.814+/-0.000 χ^2/NDF : 256384261.5/9

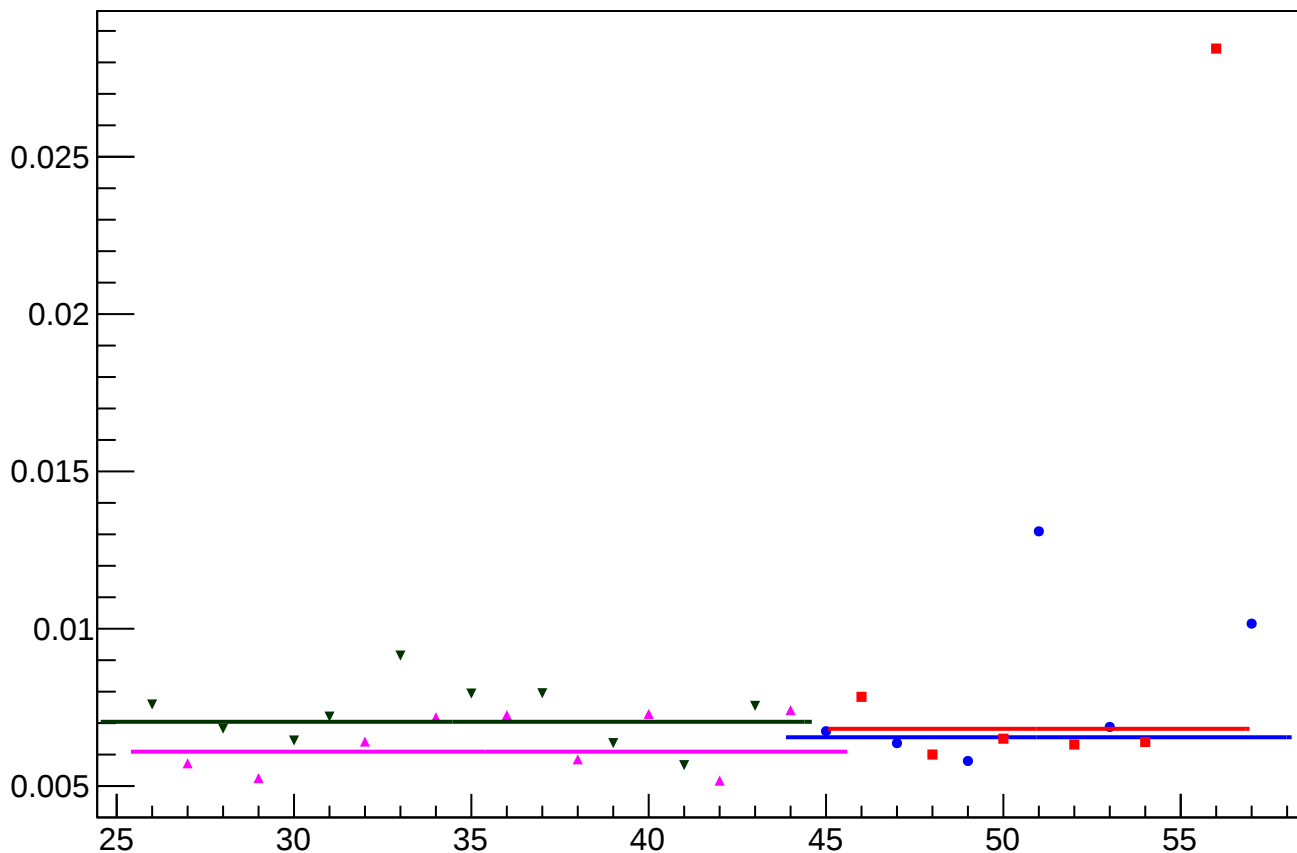
Right Out: -0.796+/-0.000 χ^2/NDF : 332862.6/5

Left In: -0.806+/-0.000 χ^2/NDF : 95420690.3/8

-0.807+/-0.000 χ^2/NDF : 268822493.4/15

-0.803+/-0.000 χ^2/NDF : 98698151.3/14

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 114042.7/5

Left Out: 0.007+/-0.000 χ^2/NDF :134724.6/9

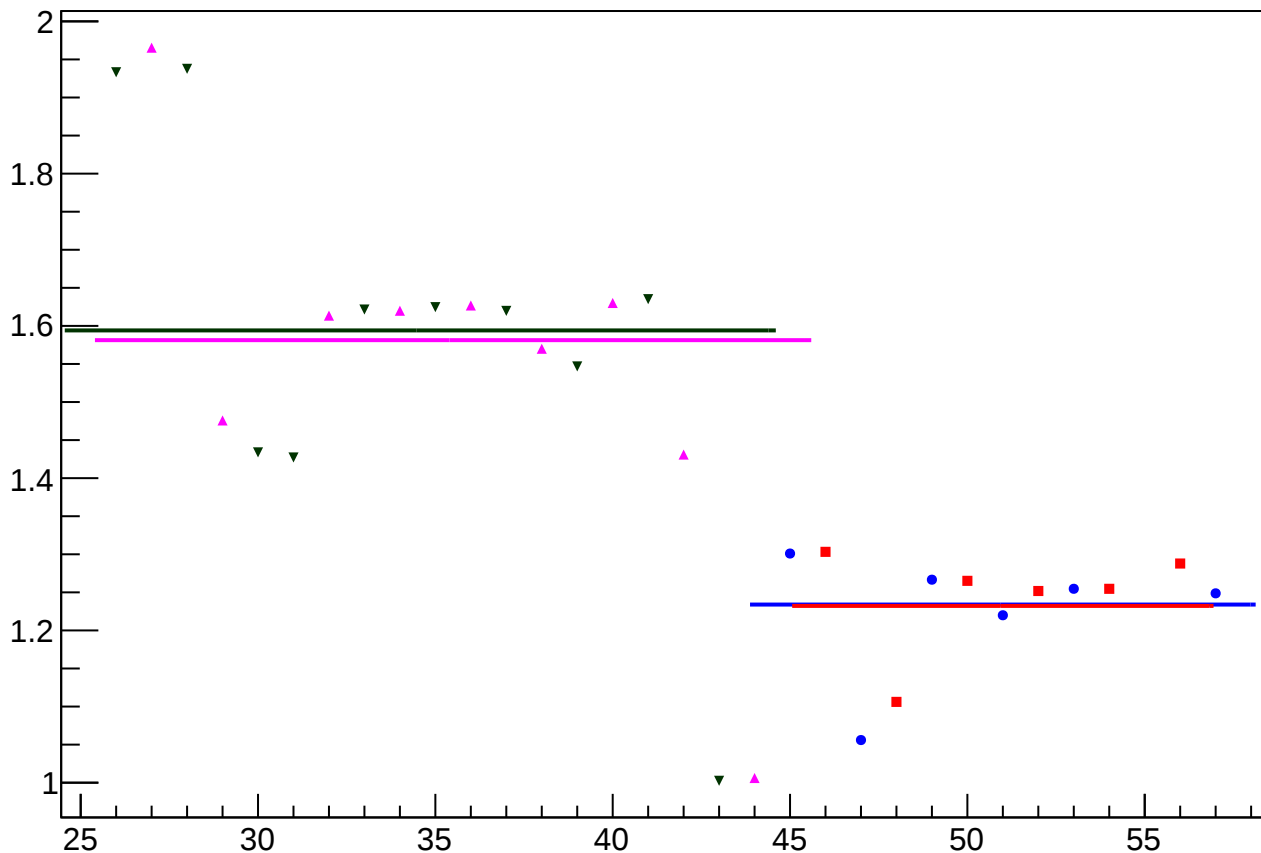
Right Out: 0.007+/-0.000 χ^2/NDF : 575390.5/5

Left In: 0.006+/-0.000 χ^2/NDF :142799.7/8

0.007+/-0.000 χ^2/NDF : 262693.5/15

0.006+/-0.000 χ^2/NDF : 748051.6/14

yield_bpm12Y_mean vs slug



Right In: 1.234+/-0.000 χ^2/NDF : 384967247.3/5

Left Out: 1.594+/-0.000 χ^2/NDF : 6691352437.6/9

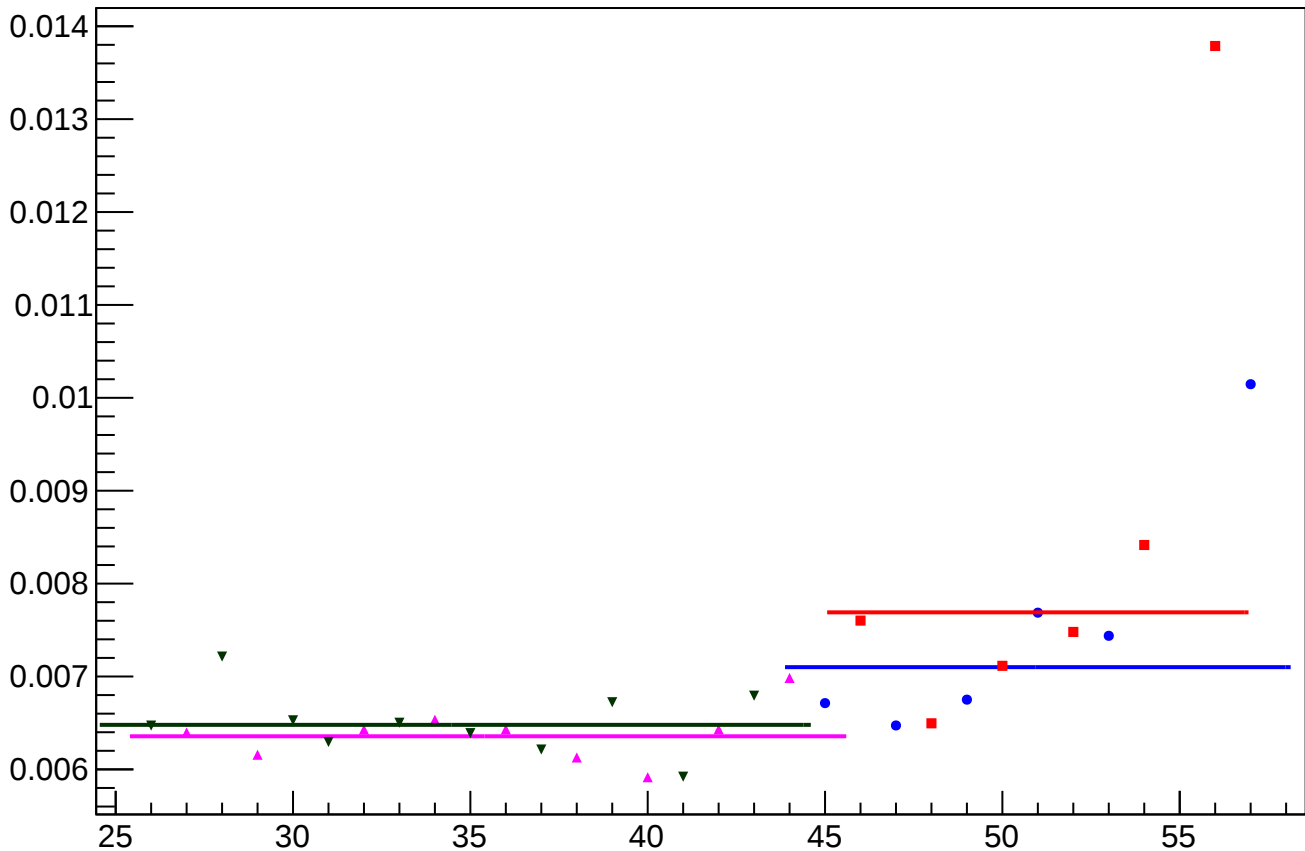
Right Out: 1.232+/-0.000 χ^2/NDF : 213645614.5/5

Left In: 1.581+/-0.000 χ^2/NDF : 6756932210.6/8

1.475+/-0.000 χ^2/NDF : 11886273103.7/15

1.491+/-0.000 χ^2/NDF : 10993745320.9/14

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 103820.7/5

Left Out: 0.006+/-0.000 χ^2/NDF :27801.2/9

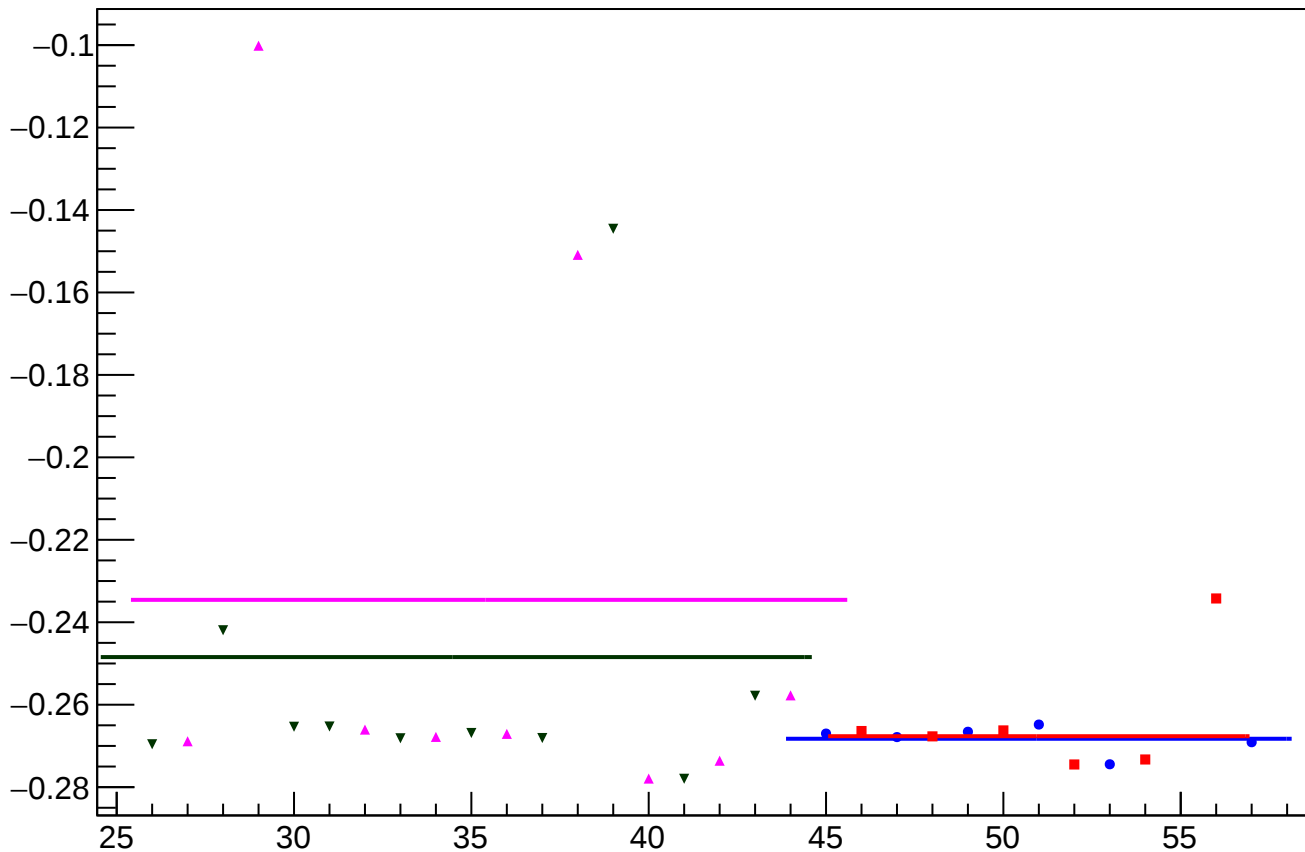
0.007+/-0.000 χ^2/NDF : 160240.2/15

Right Out: 0.008+/-0.000 χ^2/NDF : 225652.5/5

0.007+/-0.000 χ^2/NDF : 360209.2/14

Left In: 0.006+/-0.000 χ^2/NDF :17007.3/8

yield_bpm16X_mean vs slug



Right In: -0.268 ± 0.000 χ^2/NDF : 1042344.8/5

Left Out: -0.248 ± 0.000 χ^2/NDF : 259449025.3/9

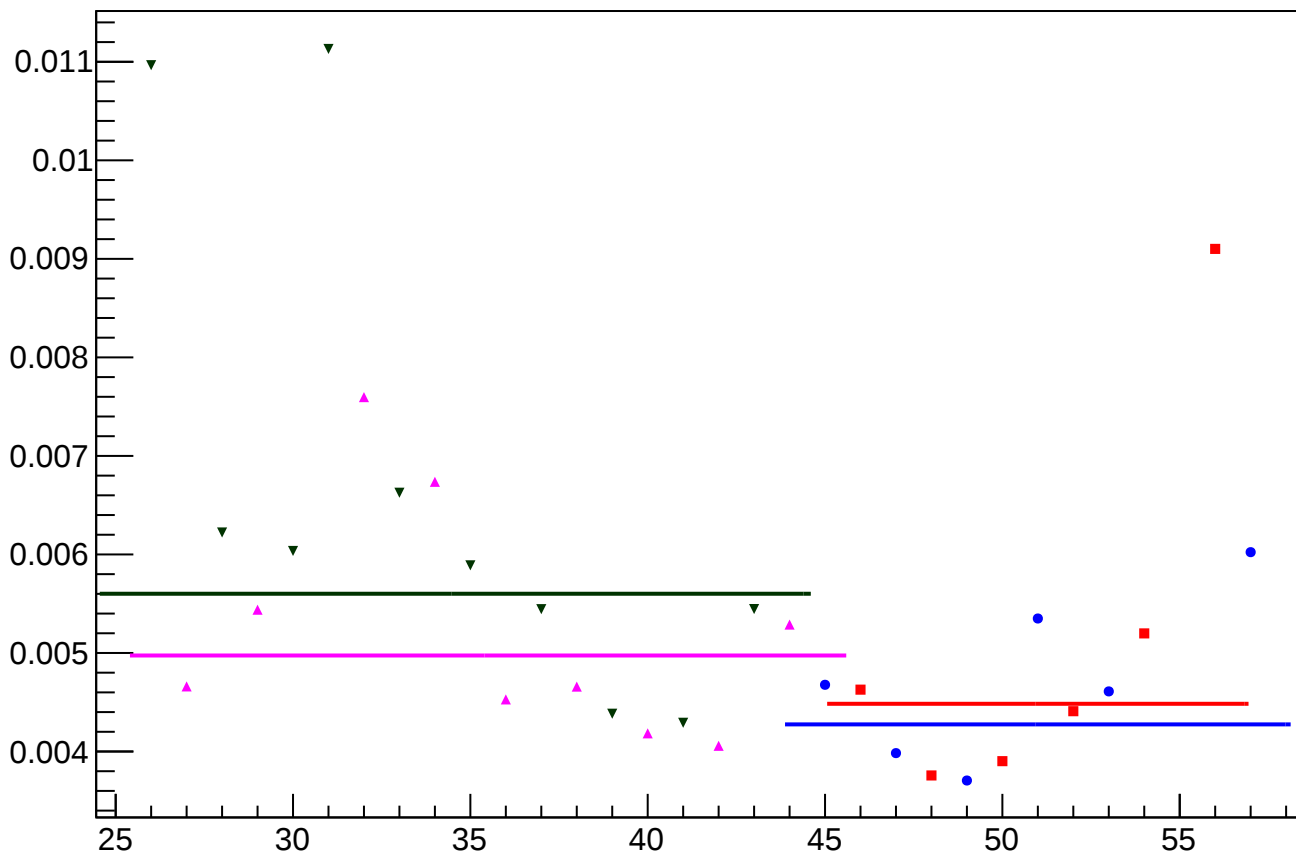
Right Out: -0.268 ± 0.000 χ^2/NDF : 8080494.5/5

Left In: -0.235 ± 0.000 χ^2/NDF : 786946325.9/8

-0.258 ± 0.000 χ^2/NDF : 287705547.0/15

-0.247 ± 0.000 χ^2/NDF : 875427669.4/14

yield_bpm16X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 132218.3/5

Left Out: 0.006+/-0.000 χ^2/NDF :602560.3/9

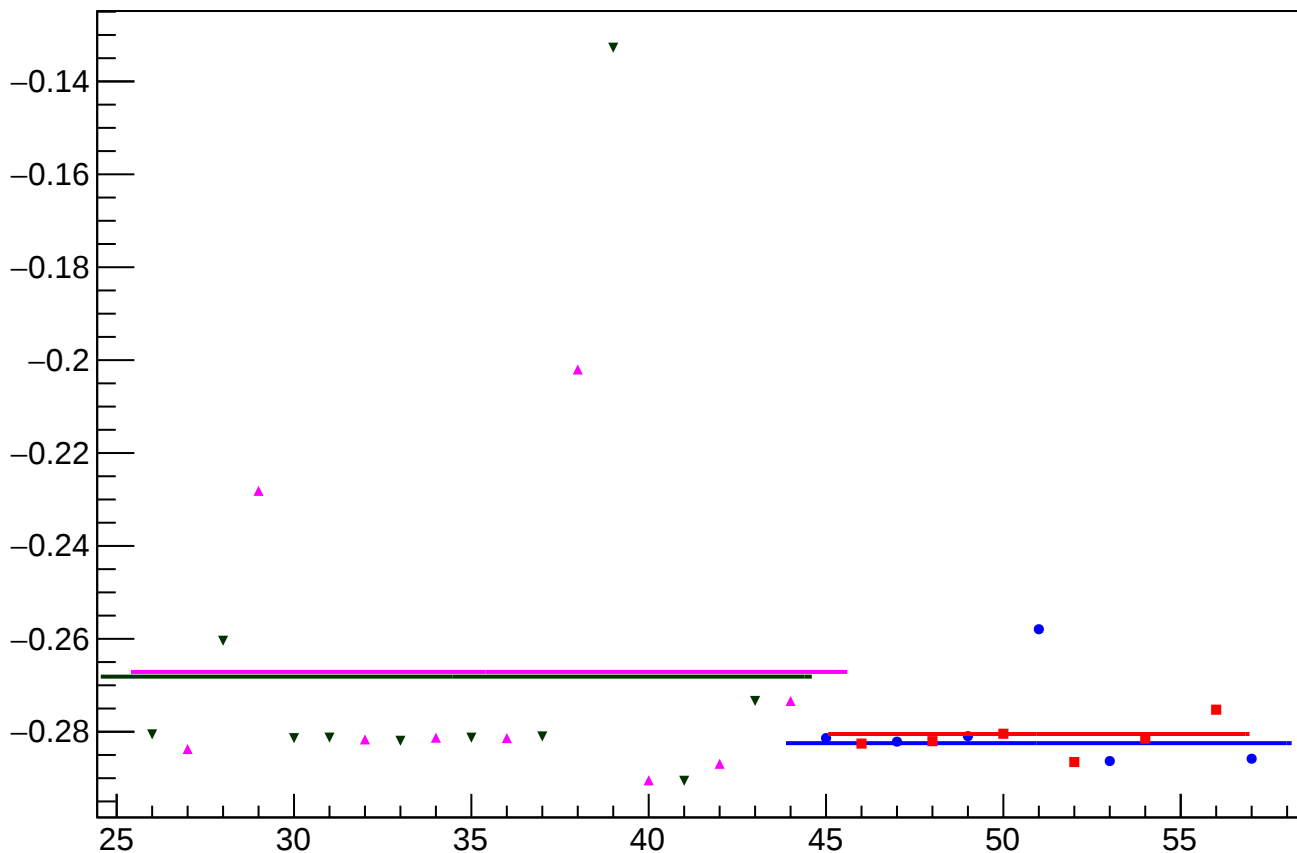
Right Out: 0.004+/-0.000 χ^2/NDF : 309406.1/5

Left In: 0.005+/-0.000 χ^2/NDF :363316.6/8

0.005+/-0.000 χ^2/NDF : 978535.6/15

0.005+/-0.000 χ^2/NDF : 708047.5/14

yield_bpm16Y_mean vs slug



Right In: -0.282+/-0.000 χ^2/NDF : 3796817.2/5

Left Out: -0.268+/-0.000 χ^2/NDF :960438127.5/9

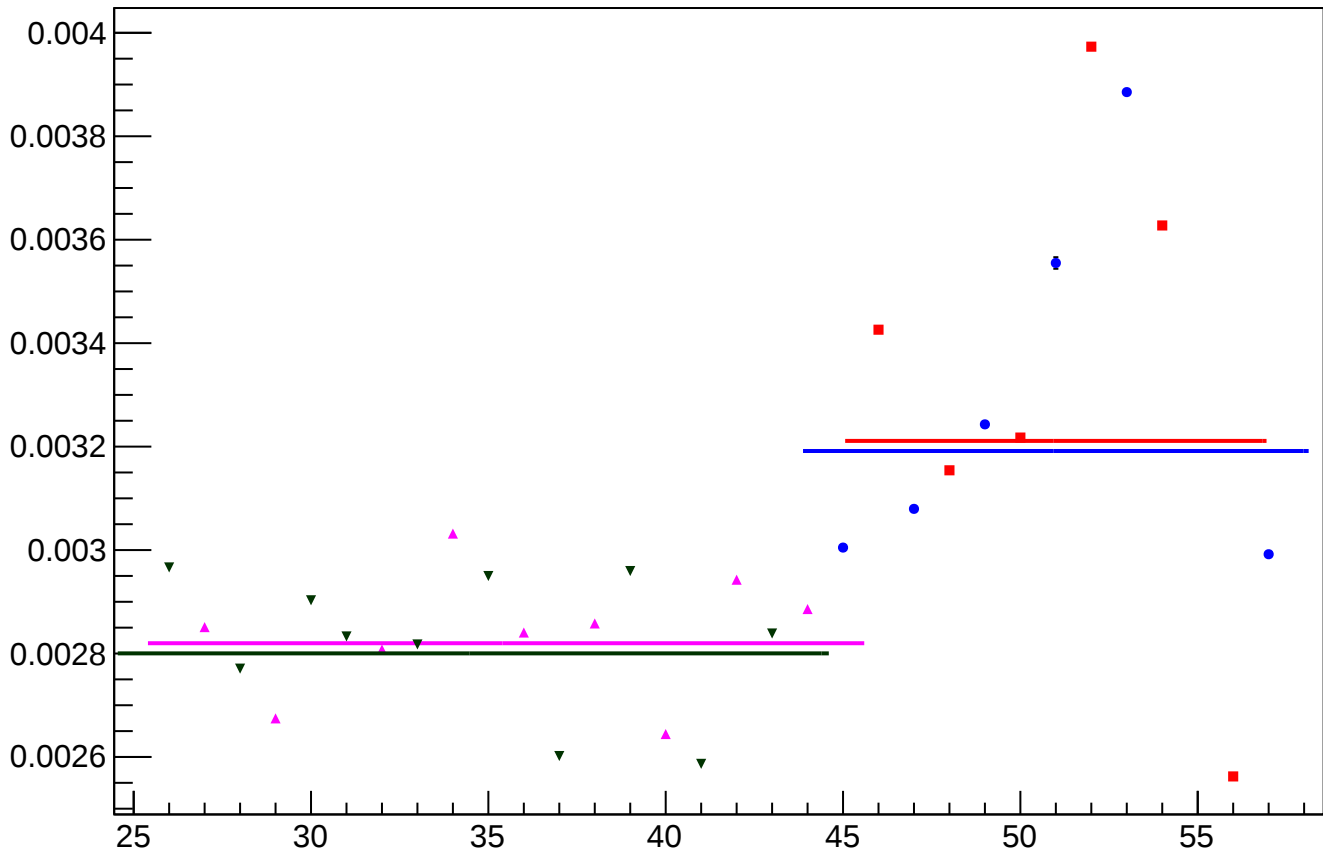
Right Out: -0.280+/-0.000 χ^2/NDF : 3453548.2/5

Left In: -0.267+/-0.000 χ^2/NDF :554012466.4/8

-0.273+/-0.000 χ^2/NDF : 1005083257.5/15

-0.271+/-0.000 χ^2/NDF : 592170689.0/14

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 43374.7/5

Left Out: 0.003+/-0.000 χ^2/NDF :23694.6/9

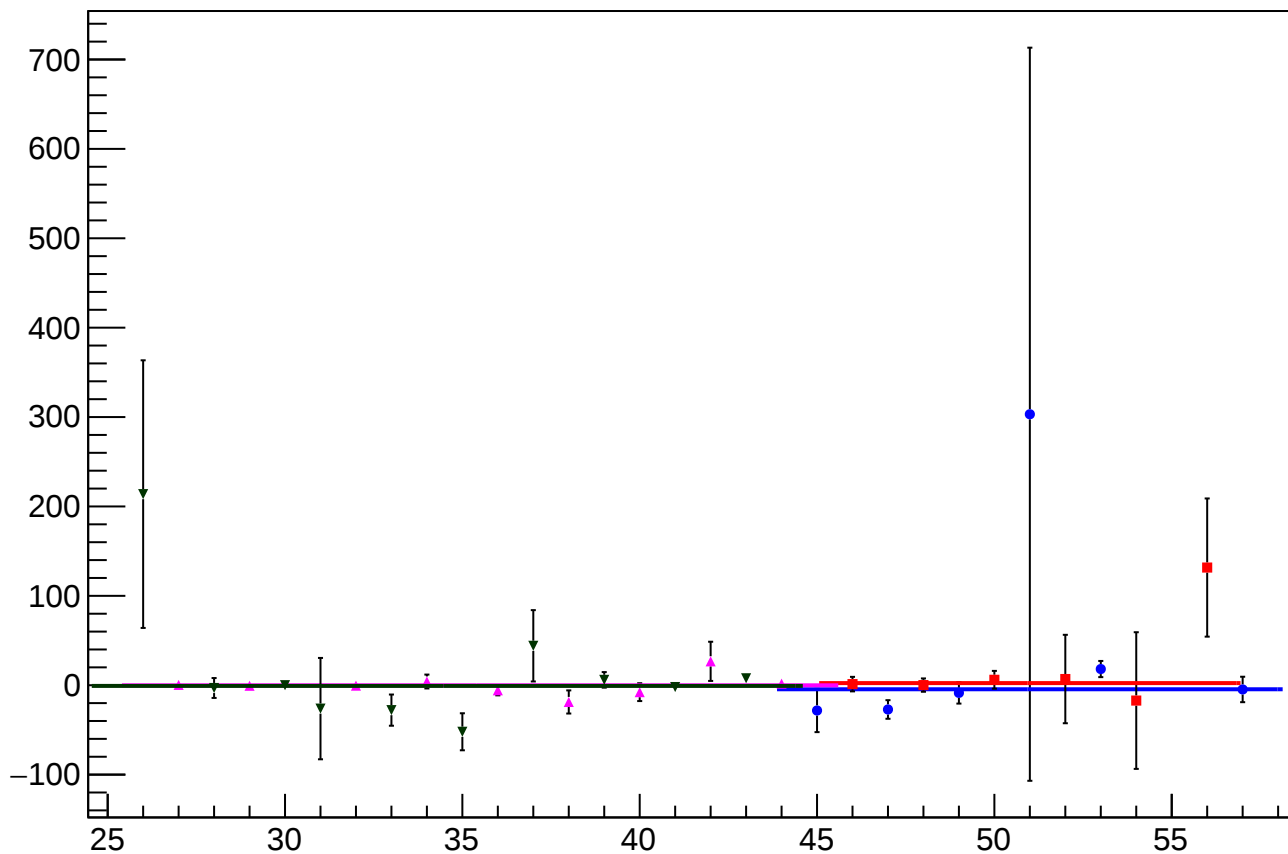
Right Out: 0.003+/-0.000 χ^2/NDF : 115429.0/5

Left In: 0.003+/-0.000 χ^2/NDF :16393.9/8

0.003+/-0.000 χ^2/NDF : 128076.0/15

0.003+/-0.000 χ^2/NDF : 191329.6/14

diff_cav4bX_mean vs slug



Right In: -4.514+/-5.339 χ^2/NDF : 12.6/5

Left Out: -0.755+/-1.557 χ^2/NDF : 15.9/9

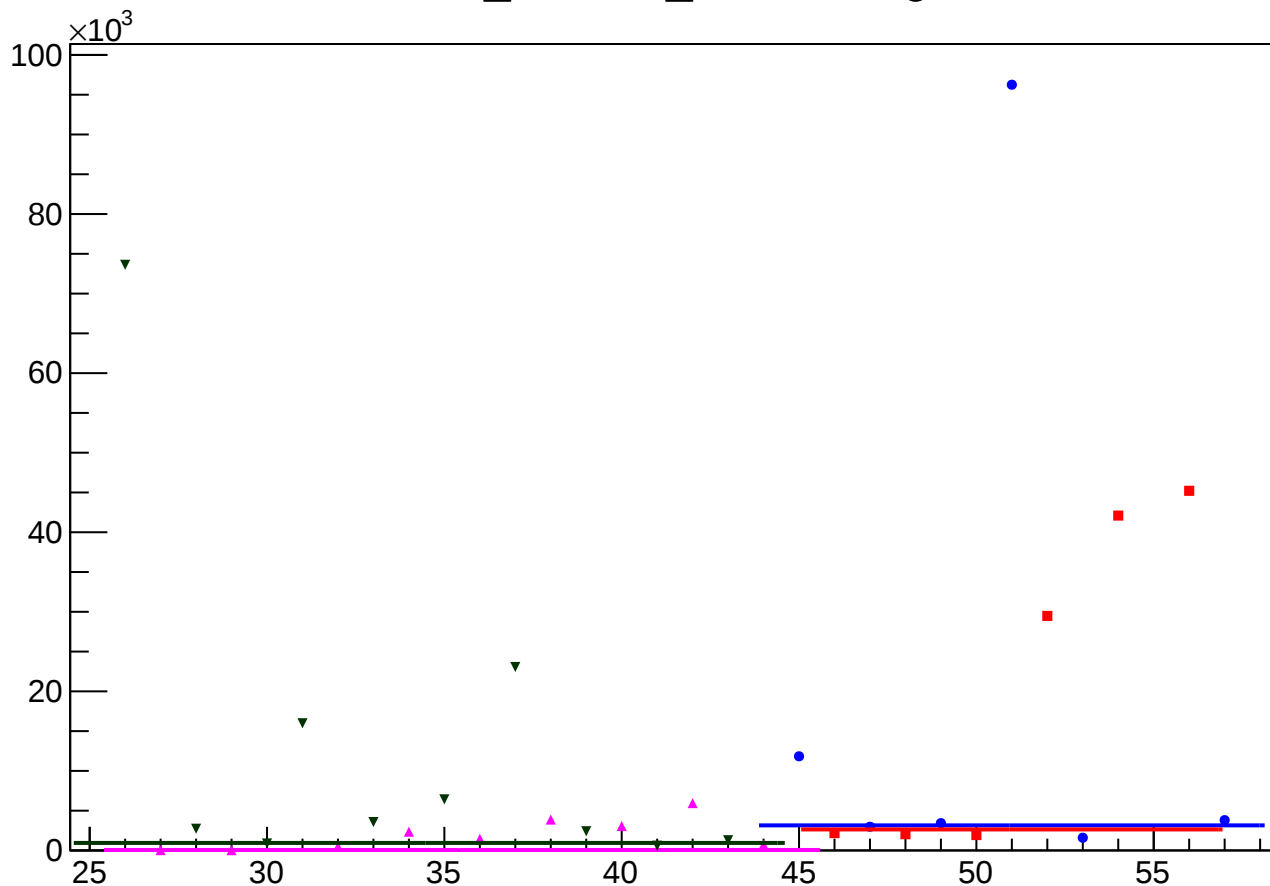
Right Out: 2.386+/-4.767 χ^2/NDF : 3.1/5

Left In: -0.086+/-0.168 χ^2/NDF : 15.5/8

-1.050+/-1.495 χ^2/NDF : 28.9/15

-0.083+/-0.168 χ^2/NDF : 18.9/14

diff_cav4bX_rms vs slug



Right In: 3153.577+/-3.775 χ^2/NDF : 425529.8/5

Left Out: 946.747+/-1.101 χ^2/NDF :1585820.7/9

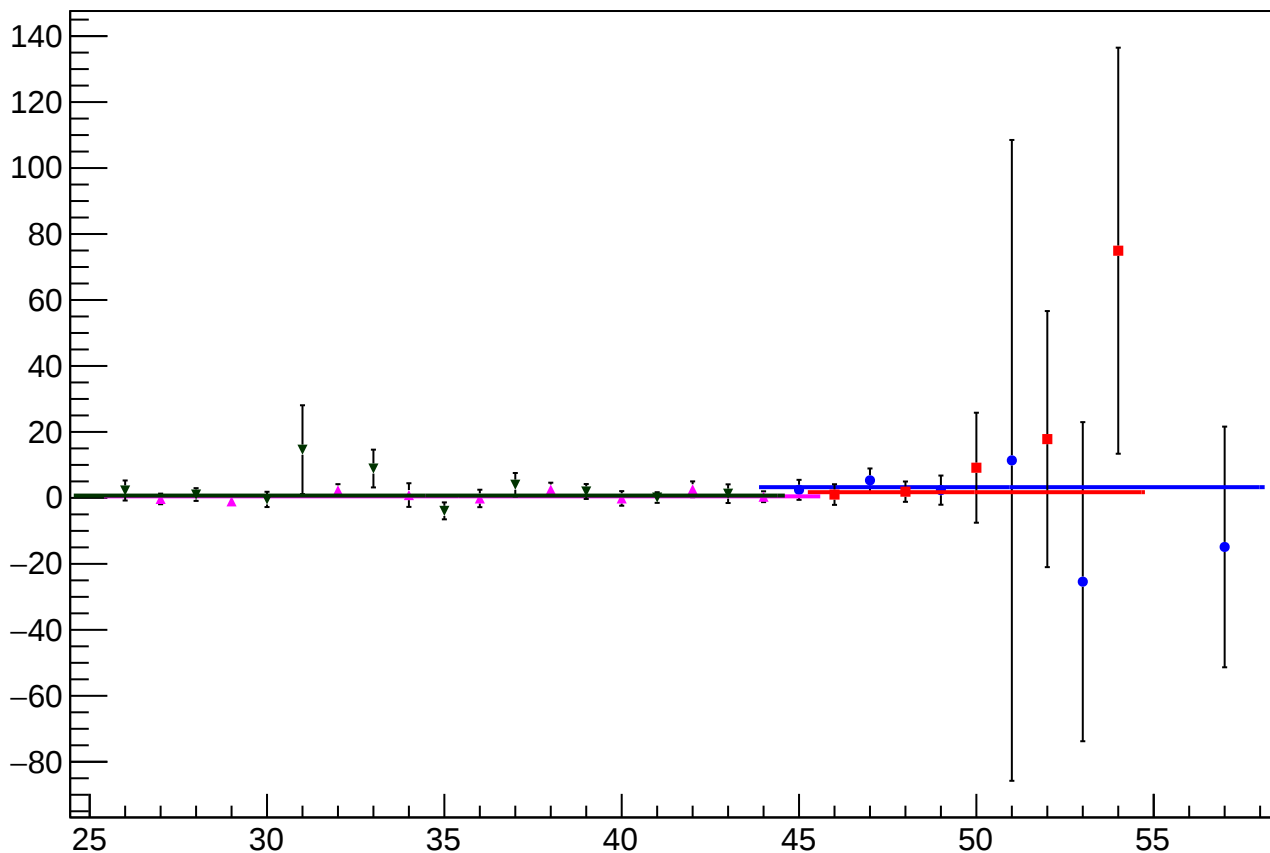
Right Out: 2640.914+/-3.371 χ^2/NDF : 1757557.4/5

Left In: 61.511+/-0.119 χ^2/NDF :1573172.2/8

1119.764+/-1.057 χ^2/NDF : 2326261.1/15

64.719+/-0.119 χ^2/NDF : 3915532.7/14

diff_cav4bY_mean vs slug



Right In: 3.254 ± 2.048 $\chi^2/\text{NDF}: 1.0/5$

Left Out: 0.707 ± 0.808 $\chi^2/\text{NDF}: 8.2/9$

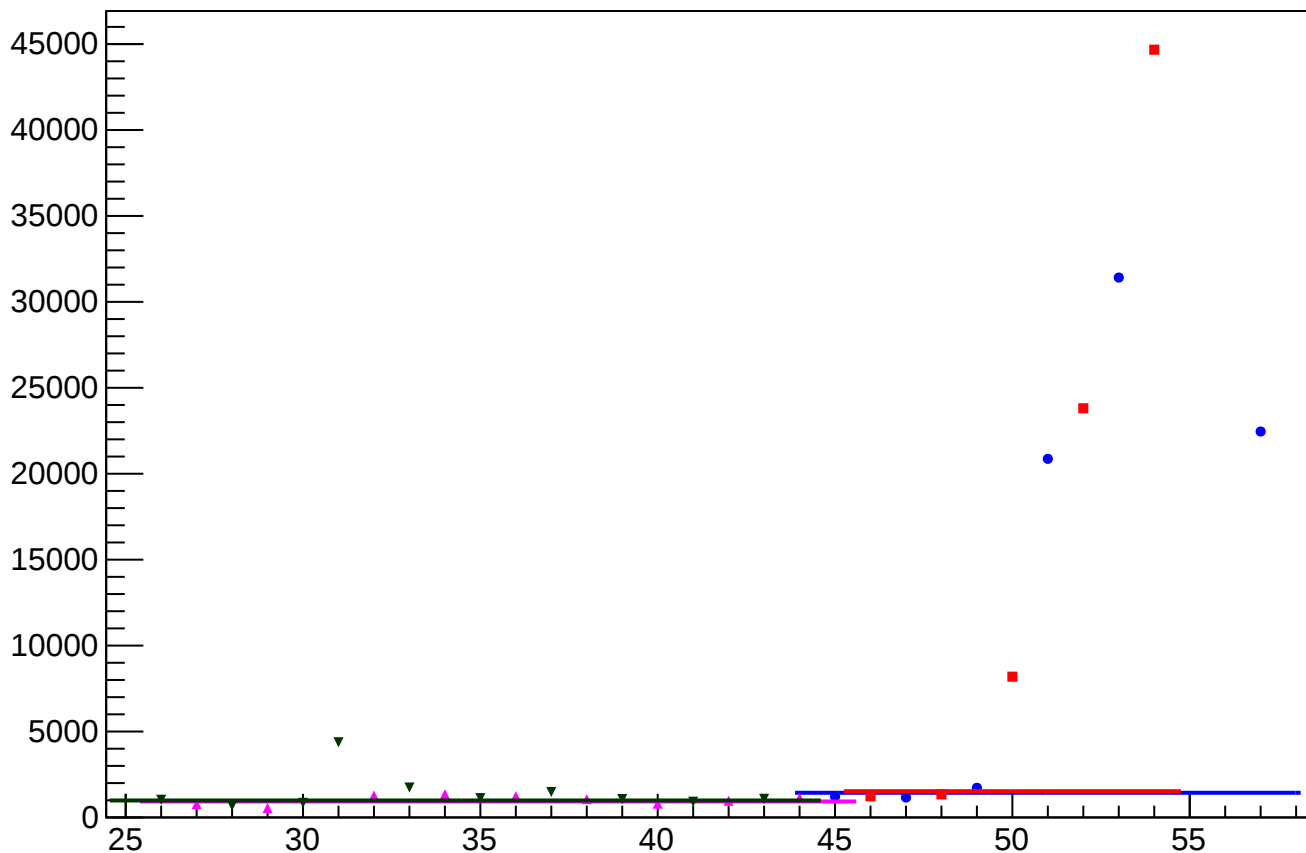
Right Out: 1.731 ± 2.171 $\chi^2/\text{NDF}: 1.8/4$

Left In: 0.468 ± 0.642 $\chi^2/\text{NDF}: 4.4/8$

1.049 ± 0.751 $\chi^2/\text{NDF}: 10.6/15$

0.570 ± 0.616 $\chi^2/\text{NDF}: 6.5/13$

diff_cav4bY_rms vs slug



Right In: 1435.761+/-1.448 χ^2/NDF : 1543280.4/5

Left Out: 987.900+/-0.571 χ^2/NDF : 270892.3/9

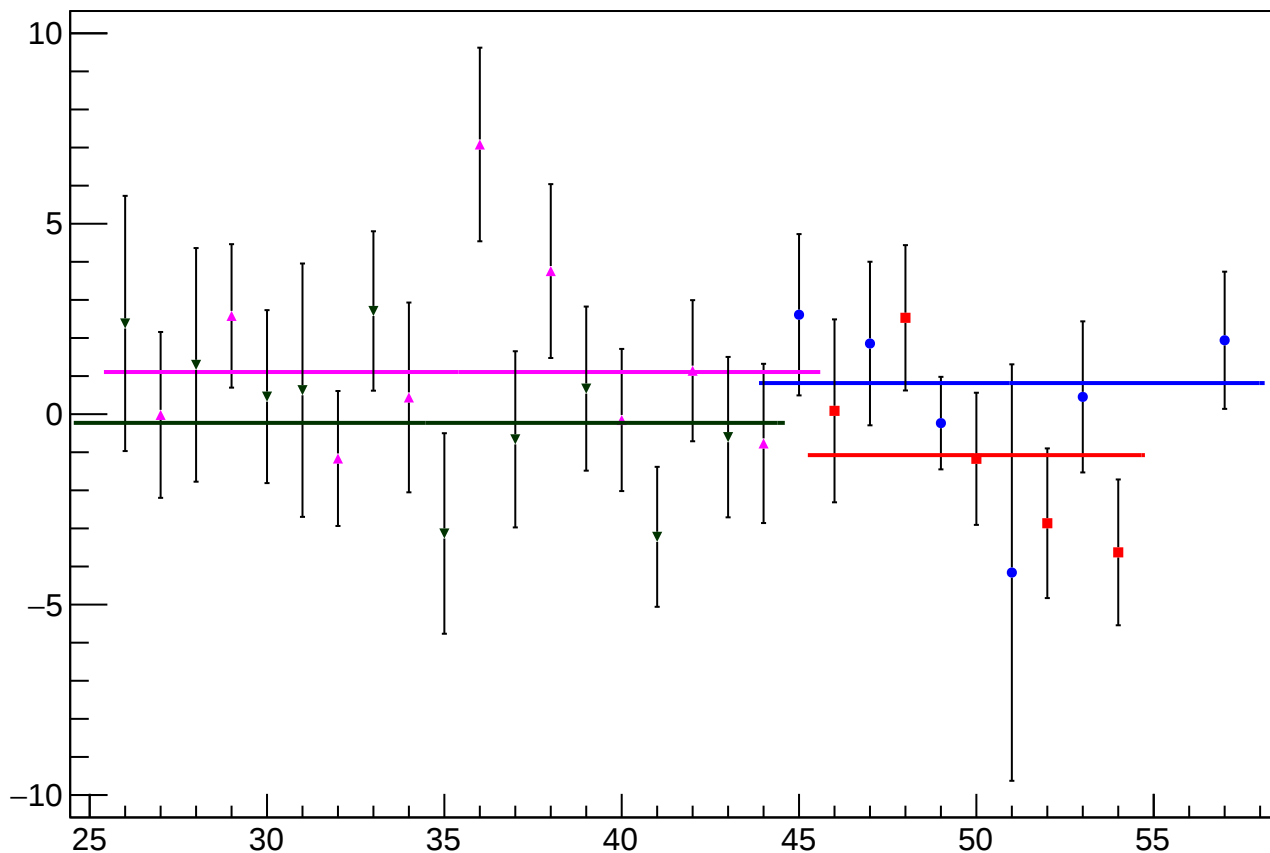
Right Out: 1528.239+/-1.535 χ^2/NDF : 1986517.1/4

Left In: 930.059+/-0.454 χ^2/NDF : 348877.4/8

1048.145+/-0.531 χ^2/NDF : 1896924.7/15

978.146+/-0.435 χ^2/NDF : 2474973.4/13

diff_cav4cX_mean vs slug



Right In: 0.817 ± 0.764 χ^2/NDF : 3.0/5

Left Out: -0.229 ± 0.750 χ^2/NDF : 7.1/9

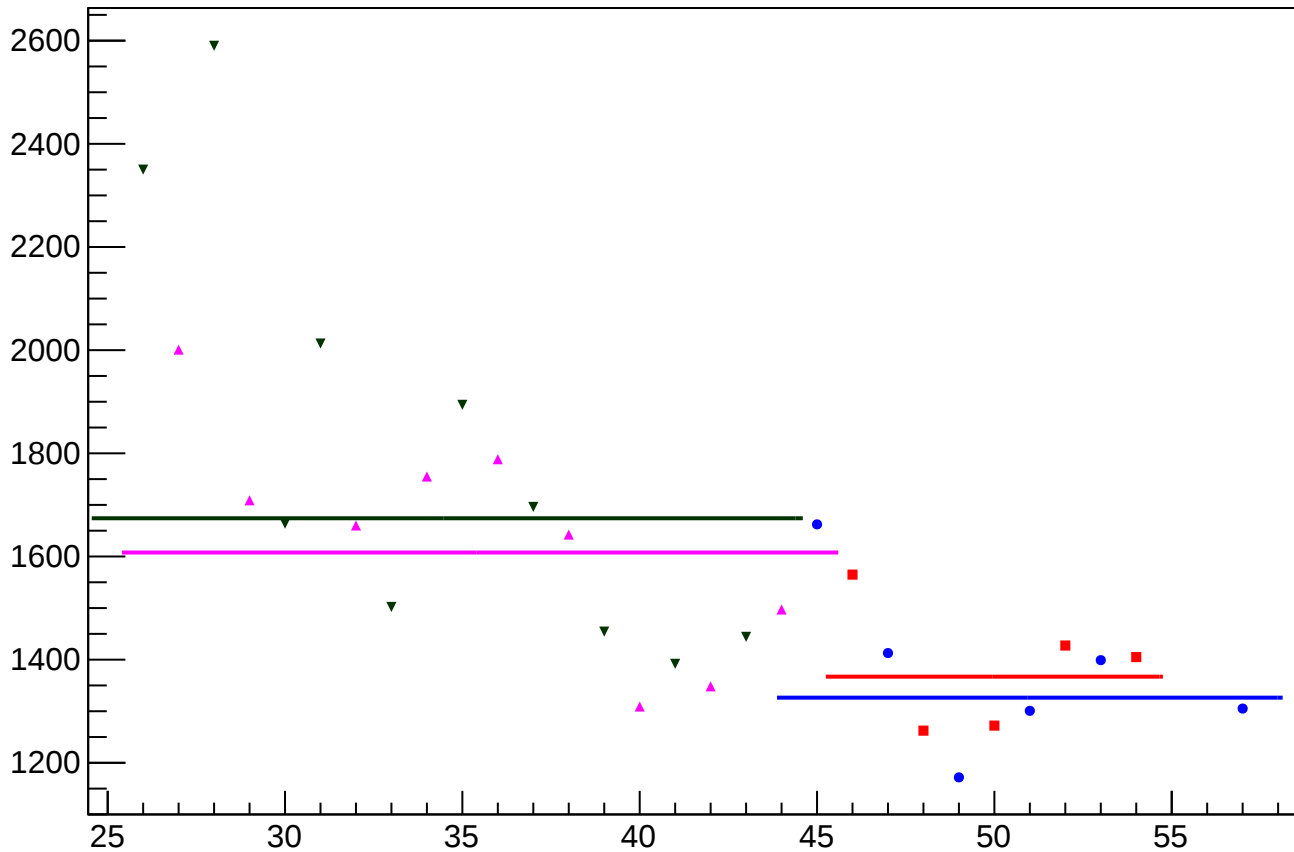
Right Out: -1.075 ± 0.873 χ^2/NDF : 6.4/4

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

0.285 ± 0.535 χ^2/NDF : 11.0/15

0.274 ± 0.539 χ^2/NDF : 21.0/13

diff_cav4cX_rms vs slug



Right In: 1326.335 $\pm$ 0.540 χ^2 /NDF: 88945.4/5

Left Out: 1674.116 $\pm$ 0.531 χ^2 /NDF:399958.8/9

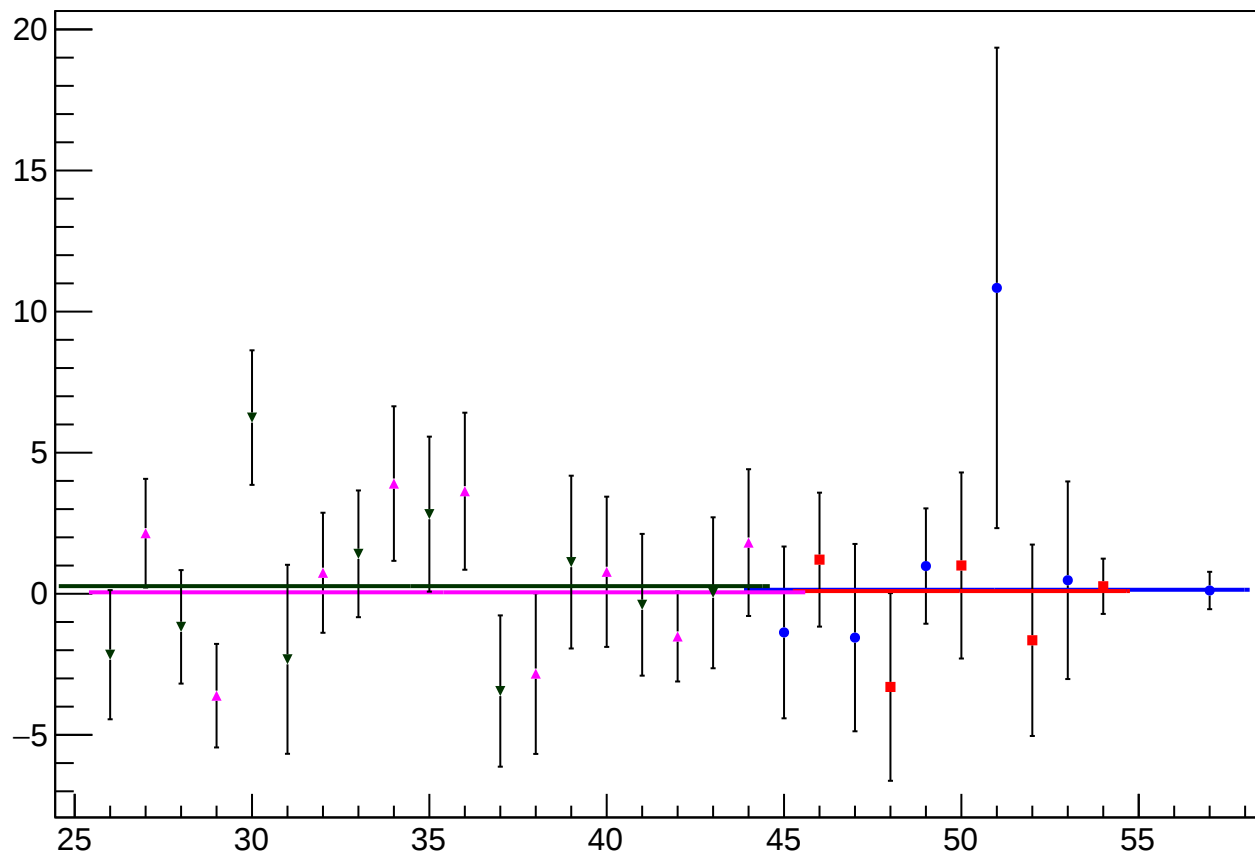
Right Out: 1367.038 $\pm$ 0.617 χ^2 /NDF: 28243.3/4

Left In: 1607.717 $\pm$ 0.485 χ^2 /NDF:186348.1/8

1503.347 $\pm$ 0.379 χ^2 /NDF: 699896.0/15

1515.876 $\pm$ 0.381 χ^2 /NDF: 308600.2/13

diff_cav4cY_mean vs slug



Right In: 0.142 ± 0.596 χ^2/NDF : 2.3/5

Left Out: 0.271 ± 0.796 χ^2/NDF : 11.7/9

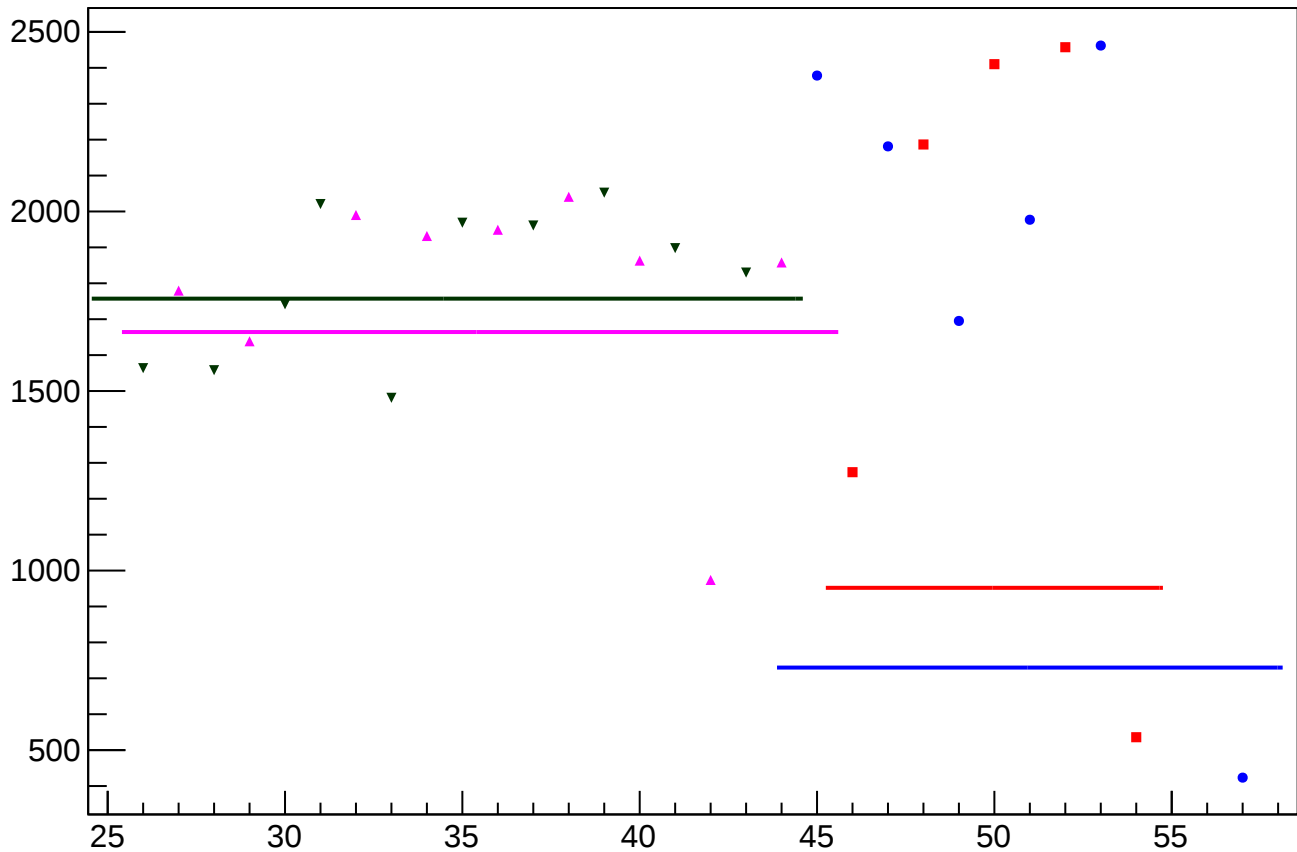
Right Out: 0.095 ± 0.819 χ^2/NDF : 1.6/4

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

0.188 ± 0.477 χ^2/NDF : 14.0/15

0.071 ± 0.547 χ^2/NDF : 13.1/13

diff_cav4cY_rms vs slug



Right In: 729.878 $\pm$ 0.421 χ^2 /NDF: 2376092.9/5

Left Out: 1757.264 $\pm$ 0.563 χ^2 /NDF:126368.6/9

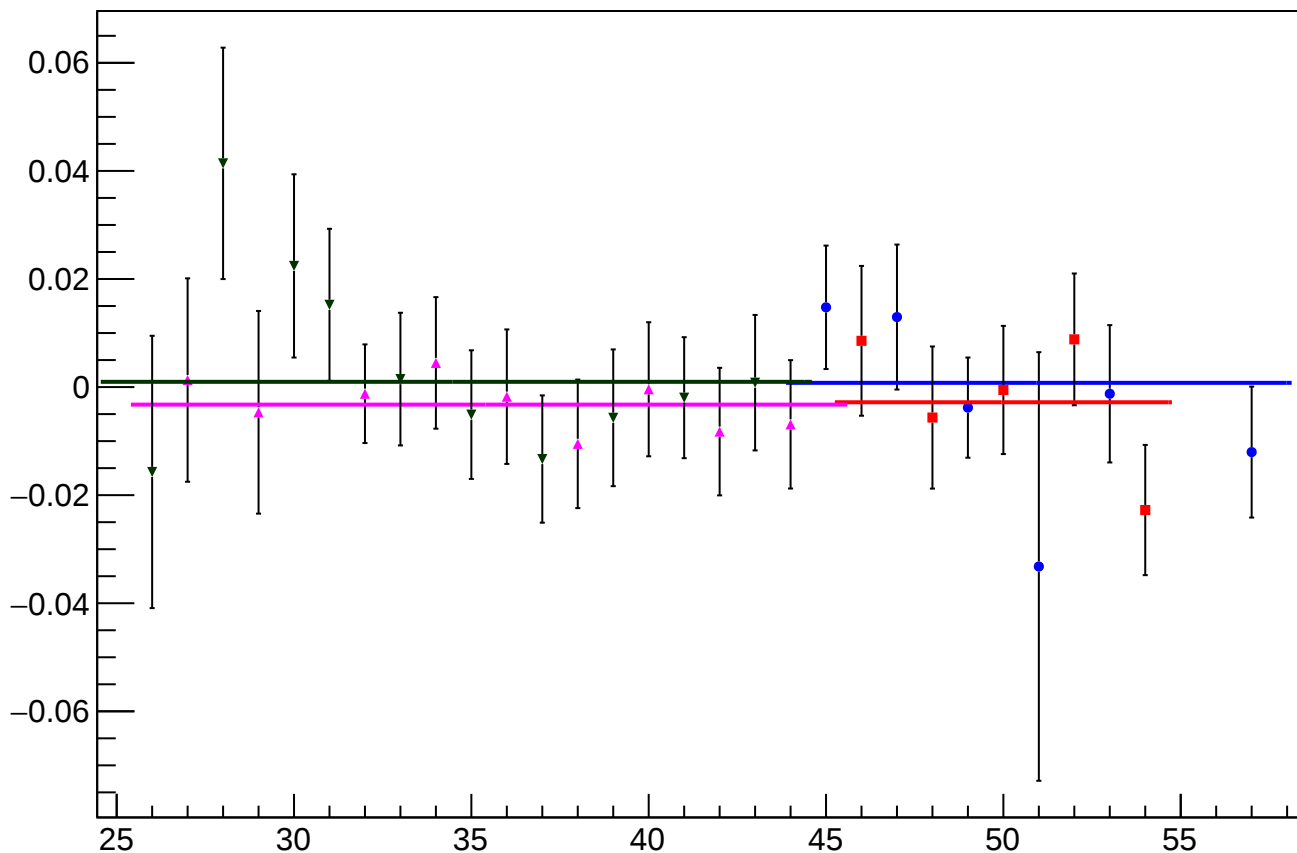
Right Out: 951.967 $\pm$ 0.579 χ^2 /NDF: 1458626.2/4

Left In: 1664.275 $\pm$ 0.519 χ^2 /NDF:526260.0/8

1098.949 $\pm$ 0.337 χ^2 /NDF: 4637141.7/15

1347.089 $\pm$ 0.387 χ^2 /NDF: 2823294.5/13

diff_cav4dX_mean vs slug



Right In: 0.001 ± 0.005 χ^2/NDF : 4.4/5

Left Out: 0.001 ± 0.004 χ^2/NDF : 8.7/9

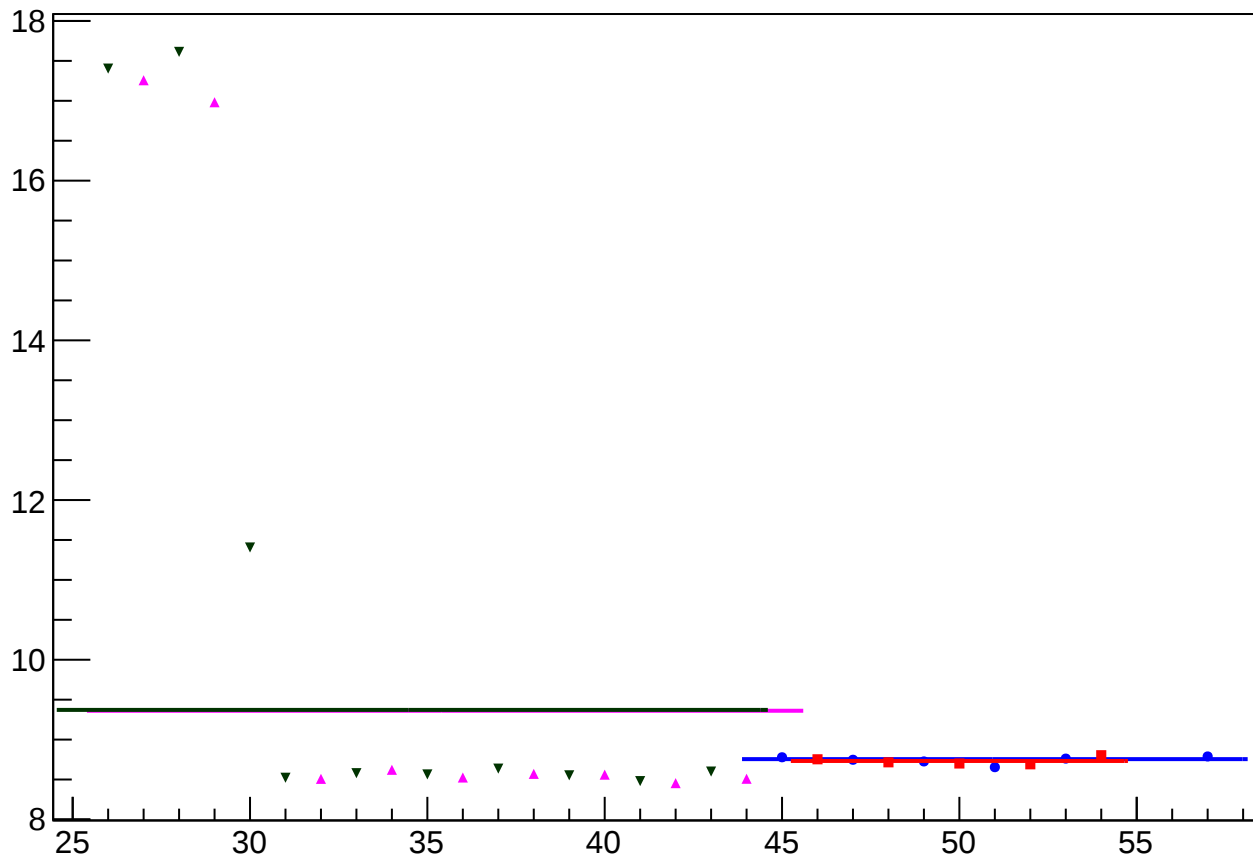
Right Out: -0.003 ± 0.006 χ^2/NDF : 4.4/4

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

0.001 ± 0.003 χ^2/NDF : 13.2/15

-0.003 ± 0.003 χ^2/NDF : 5.6/13

diff_cav4dX_rms vs slug



Right In: 8.755 $\pm$ 0.004 χ^2 /NDF: 57.2/5

Left Out: 9.372 $\pm$ 0.003 χ^2 /NDF: 589618.0/9

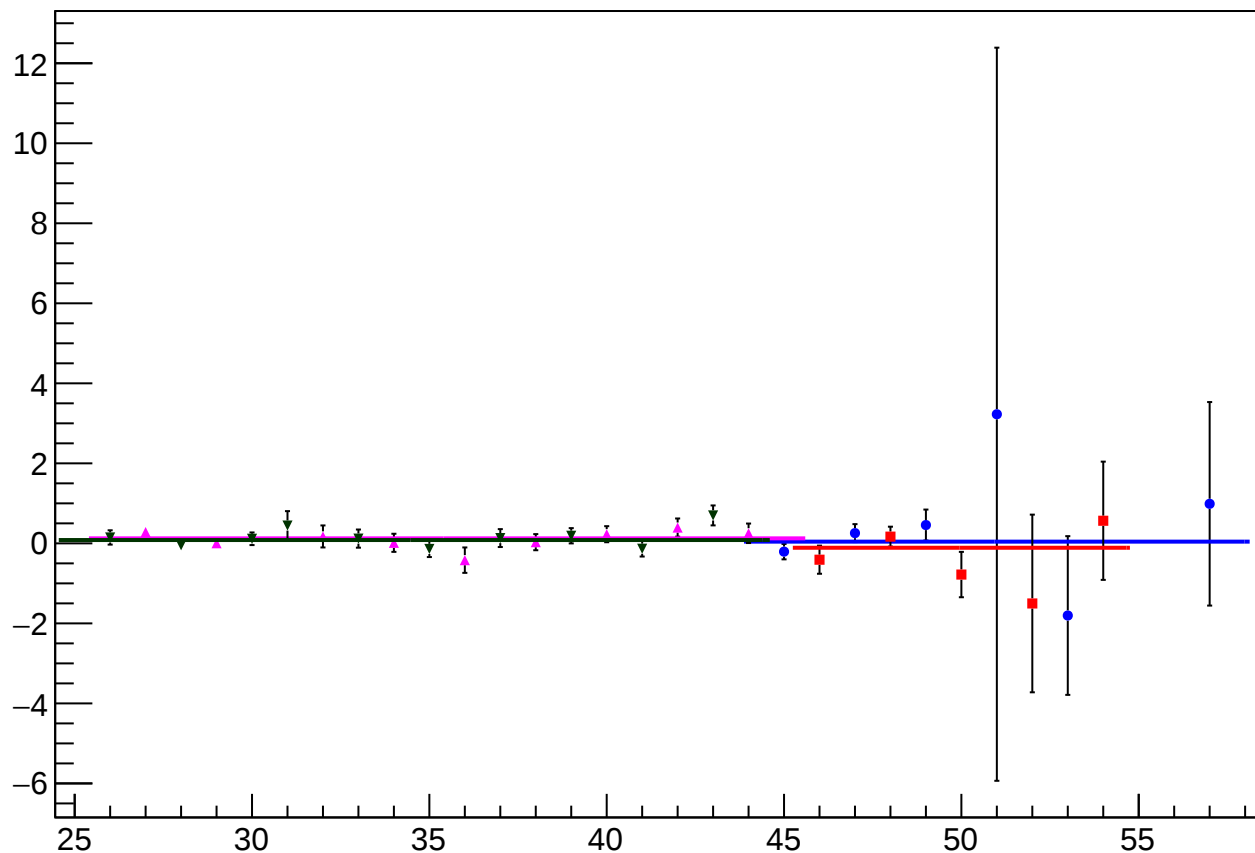
Right Out: 8.732 $\pm$ 0.004 χ^2 /NDF: 117.0/4

Left In: 9.361 $\pm$ 0.003 χ^2 /NDF: 755360.8/8

9.115 $\pm$ 0.002 χ^2 /NDF: 606725.5/15

9.141 $\pm$ 0.002 χ^2 /NDF: 771764.9/13

diff_cav4dY_mean vs slug



Right In: 0.043 ± 0.136 $\chi^2/\text{NDF}: 4.9/5$

Left Out: 0.083 ± 0.059 $\chi^2/\text{NDF}: 11.3/9$

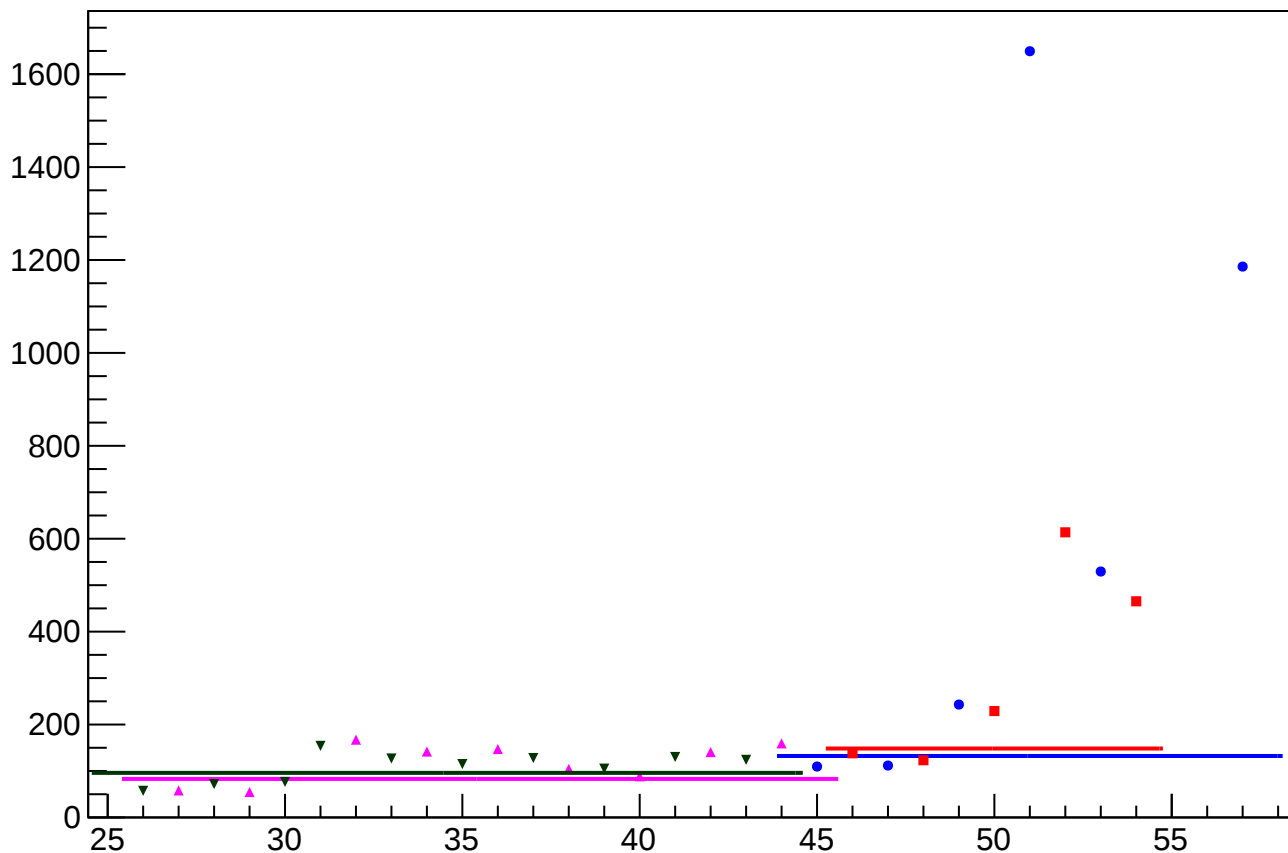
Right Out: -0.110 ± 0.189 $\chi^2/\text{NDF}: 4.0/4$

Left In: 0.125 ± 0.053 $\chi^2/\text{NDF}: 9.7/8$

0.077 ± 0.054 $\chi^2/\text{NDF}: 16.3/15$

0.108 ± 0.051 $\chi^2/\text{NDF}: 15.1/13$

diff_cav4dY_rms vs slug



Right In: 132.321+/-0.096 χ^2/NDF : 686540.5/5

Left Out: 95.985+/-0.042 χ^2/NDF : 447225.2/9

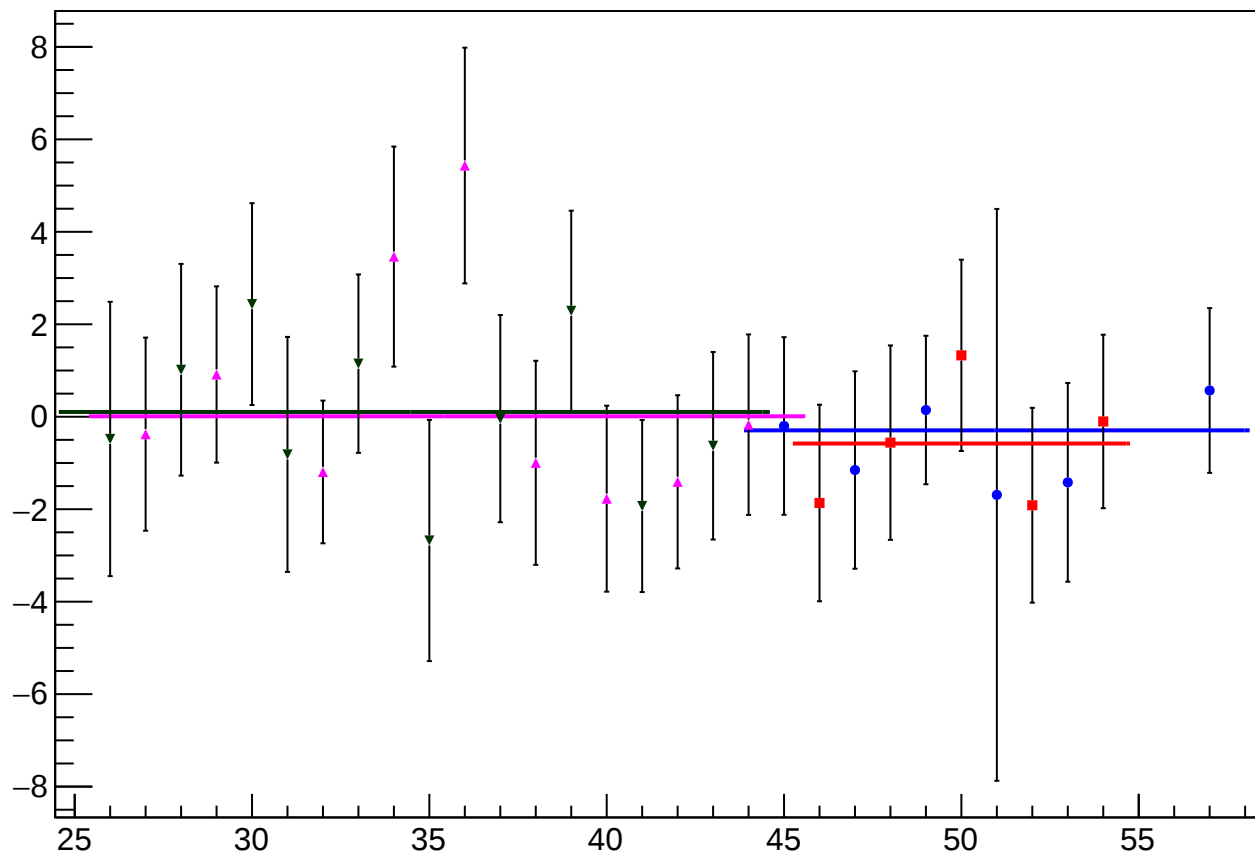
Right Out: 148.401+/-0.134 χ^2/NDF : 242506.6/4

Left In: 82.933+/-0.038 χ^2/NDF : 1079060.0/8

101.773+/-0.038 χ^2/NDF : 1253586.9/15

87.752+/-0.036 χ^2/NDF : 1544024.5/13

diff_bpm4aX_mean vs slug



Right In: -0.294 ± 0.835 χ^2/NDF : 0.8/5

Left Out: 0.103 ± 0.702 χ^2/NDF : 5.2/9

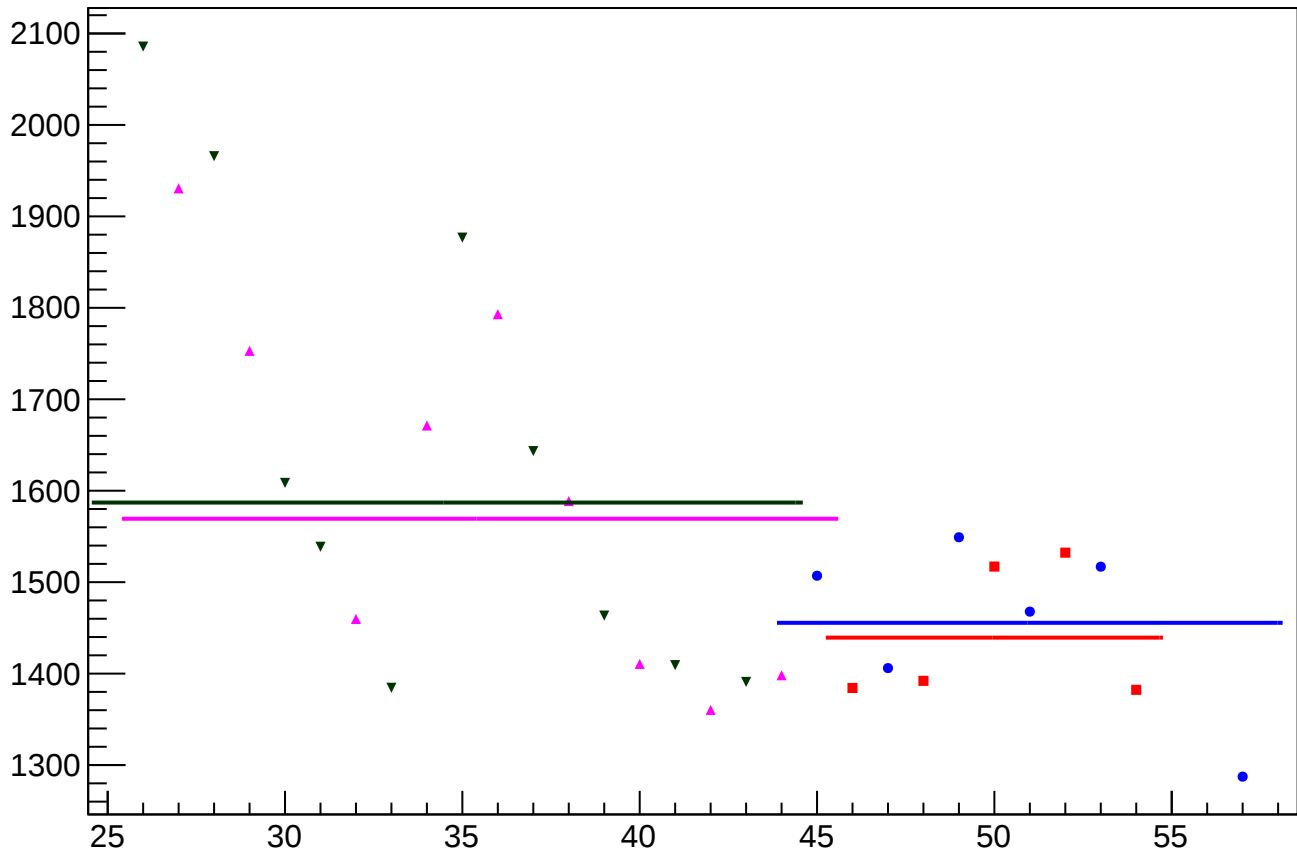
Right Out: -0.579 ± 0.917 χ^2/NDF : 1.7/4

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

-0.062 ± 0.537 χ^2/NDF : 6.2/15

-0.194 ± 0.539 χ^2/NDF : 11.0/13

diff_bpm4aX_rms vs slug



Right In: 1455.560+/-0.590 χ^2/NDF : 28761.4/5

Left Out: 1587.052+/-0.496 χ^2/NDF : 203584.7/9

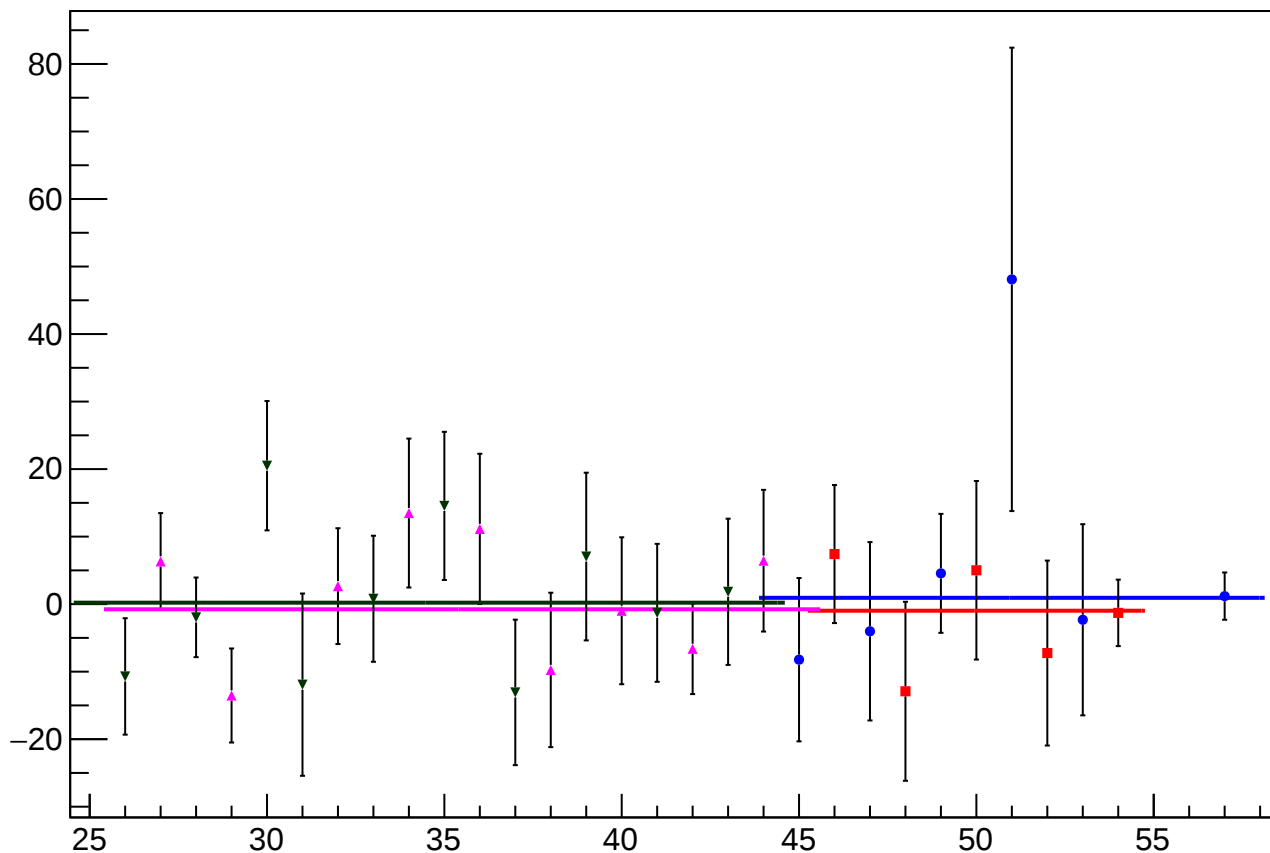
Right Out: 1439.356+/-0.648 χ^2/NDF : 10913.4/4

Left In: 1569.361+/-0.471 χ^2/NDF : 160439.4/8

1532.556+/-0.380 χ^2/NDF : 261417.8/15

1524.443+/-0.381 χ^2/NDF : 197684.3/13

diff_bpm4aY_mean vs slug



Right In: 0.936 ± 2.977 χ^2/NDF : 2.8/5

Left Out: 0.216 ± 2.994 χ^2/NDF : 10.6/9

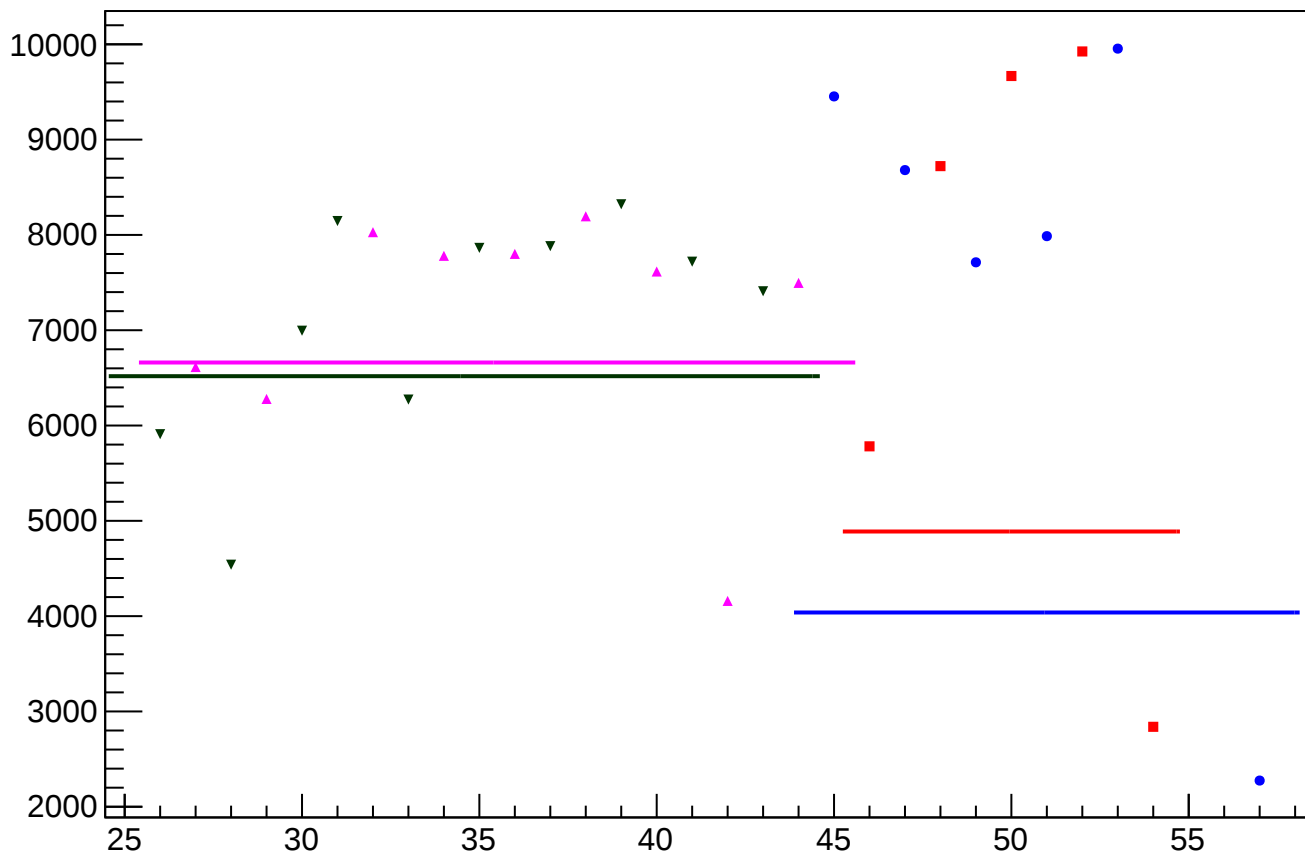
Right Out: -0.974 ± 3.847 χ^2/NDF : 1.9/4

Left In: -0.763 ± 2.918 χ^2/NDF : 9.2/8

0.578 ± 2.111 χ^2/NDF : 13.5/15

-0.840 ± 2.325 χ^2/NDF : 11.1/13

diff_bpm4aY_rms vs slug



Right In: 4038.331+/-2.105 χ^2/NDF : 1878947.5/5

Left Out: 6517.791+/-2.117 χ^2/NDF : 416045.1/9

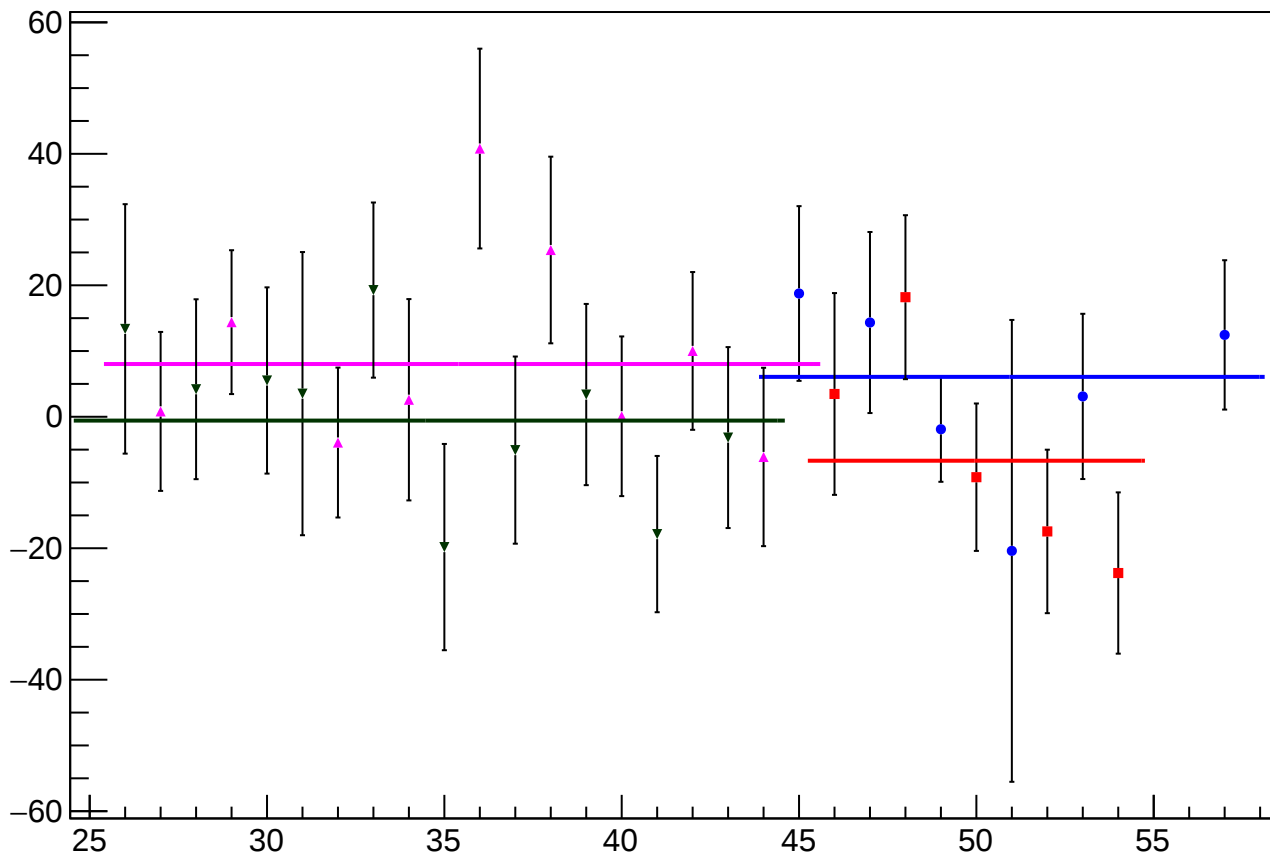
Right Out: 4888.085+/-2.720 χ^2/NDF : 1060819.3/4

Left In: 6661.299+/-2.063 χ^2/NDF : 440651.7/8

5271.098+/-1.493 χ^2/NDF : 2984881.2/15

6013.685+/-1.644 χ^2/NDF : 1771183.1/13

diff_bpm4eX_mean vs slug



Right In: 6.069 ± 4.911 χ^2/NDF : 3.2/5

Left Out: -0.581 ± 4.588 χ^2/NDF : 6.9/9

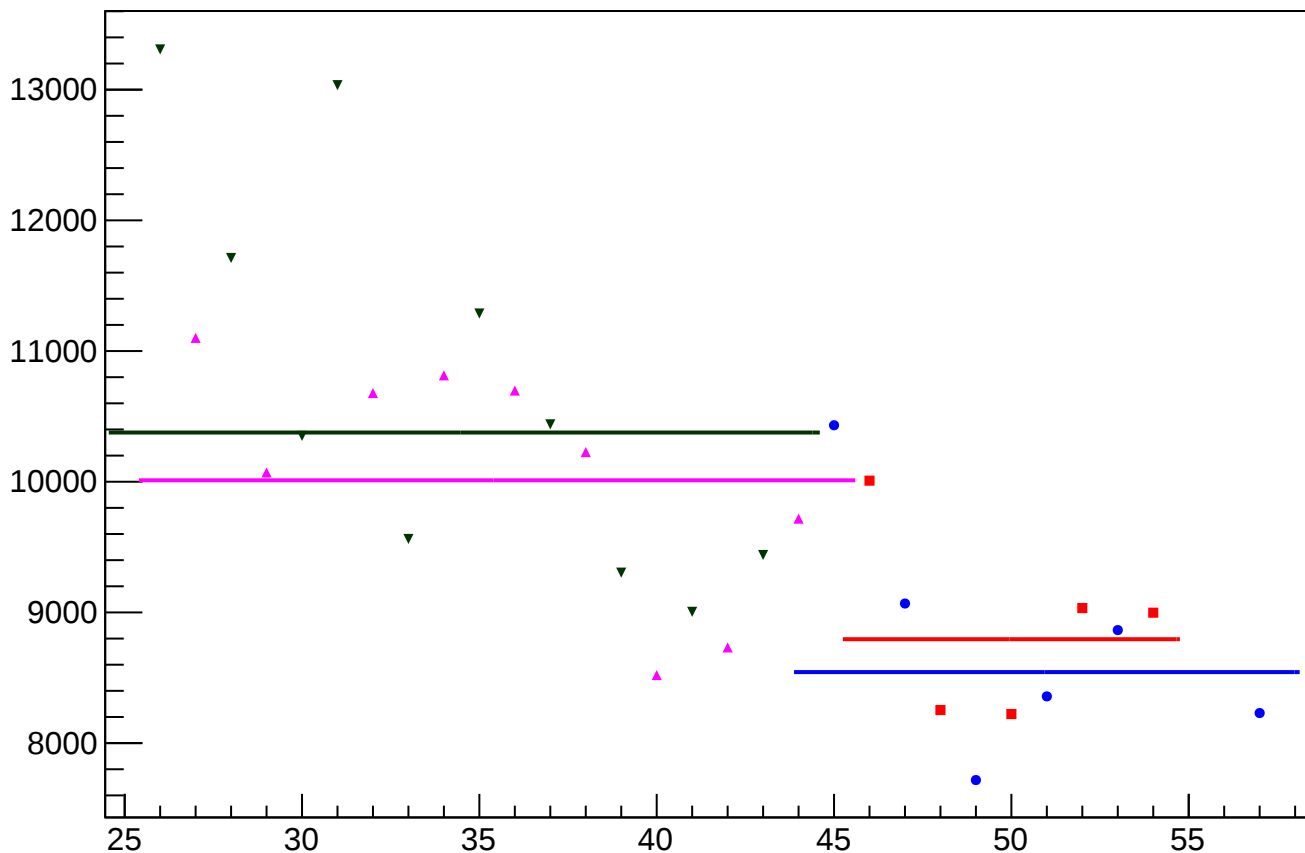
Right Out: -6.686 ± 5.613 χ^2/NDF : 7.2/4

Left In: 8.023 ± 4.241 χ^2/NDF : 9.6/8

2.518 ± 3.353 χ^2/NDF : 11.1/15

2.678 ± 3.384 χ^2/NDF : 21.1/13

diff_bpm4eX_rms vs slug



Right In: 8543.405+/-3.473 χ^2/NDF : 67534.6/5

Left Out: 10376.591+/-3.244 χ^2/NDF : 159508.6/9

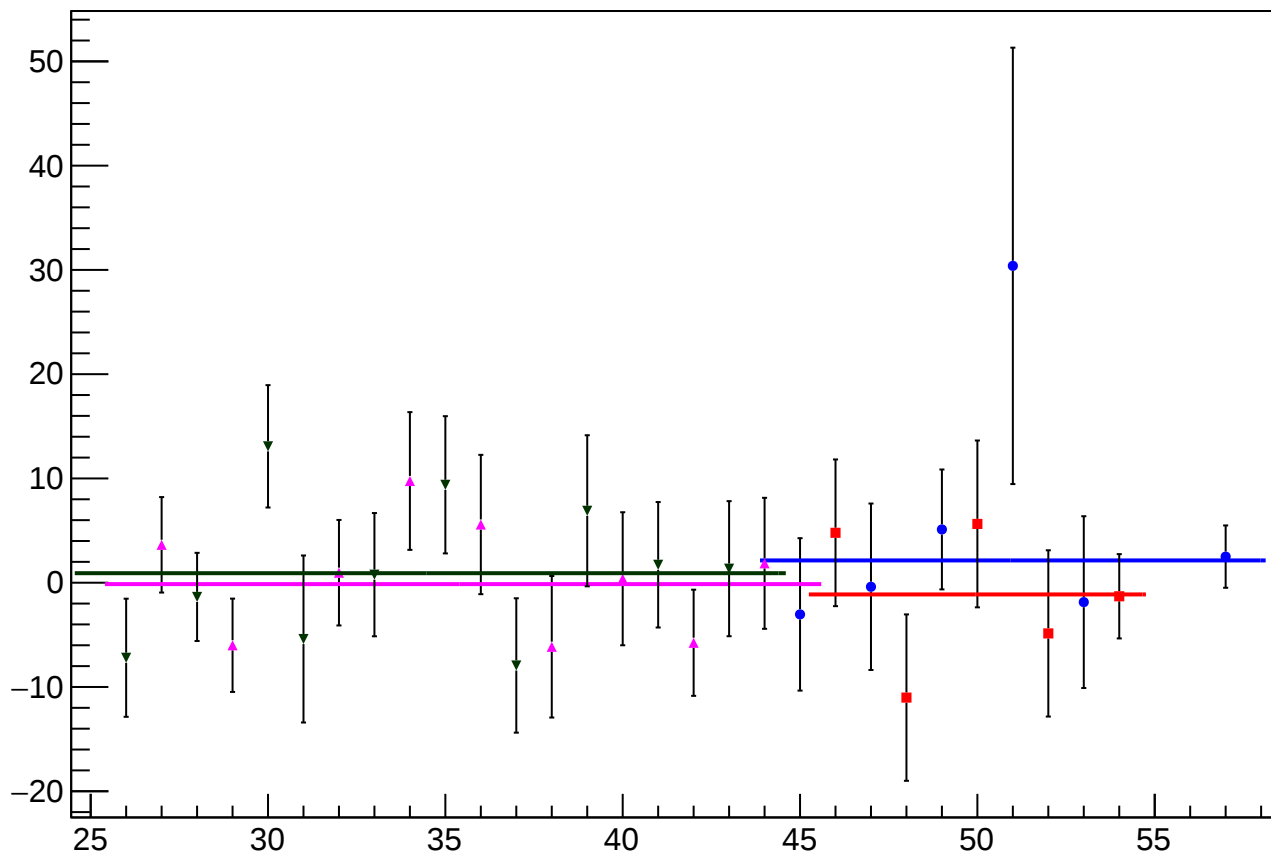
Right Out: 8795.211+/-3.969 χ^2/NDF : 22762.8/4

Left In: 10010.873+/-2.999 χ^2/NDF : 86966.6/8

9522.242+/-2.371 χ^2/NDF : 375848.4/15

9569.082+/-2.393 χ^2/NDF : 169448.5/13

diff_bpm4eY_mean vs slug



Right In: 2.137 ± 2.273 χ^2/NDF : 2.9/5

Left Out: 0.913 ± 1.896 χ^2/NDF : 11.5/9

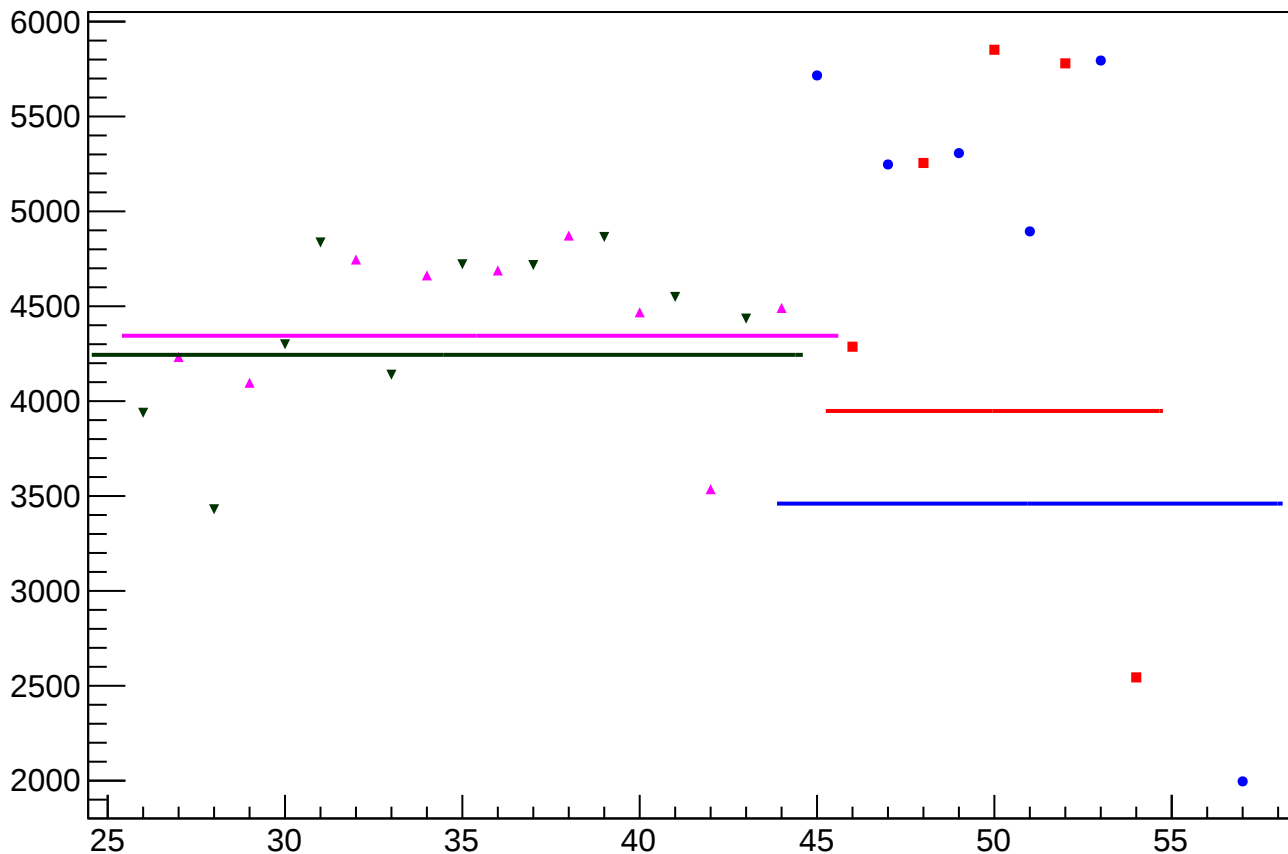
Right Out: -1.124 ± 2.790 χ^2/NDF : 3.2/4

Left In: -0.134 ± 1.850 χ^2/NDF : 7.5/8

1.416 ± 1.456 χ^2/NDF : 14.6/15

-0.437 ± 1.542 χ^2/NDF : 10.8/13

diff_bpm4eY_rms vs slug



Right In: 3460.083+/-1.607 χ^2/NDF : 1146813.1/5

Left Out: 4243.997+/-1.341 χ^2/NDF :134537.2/9

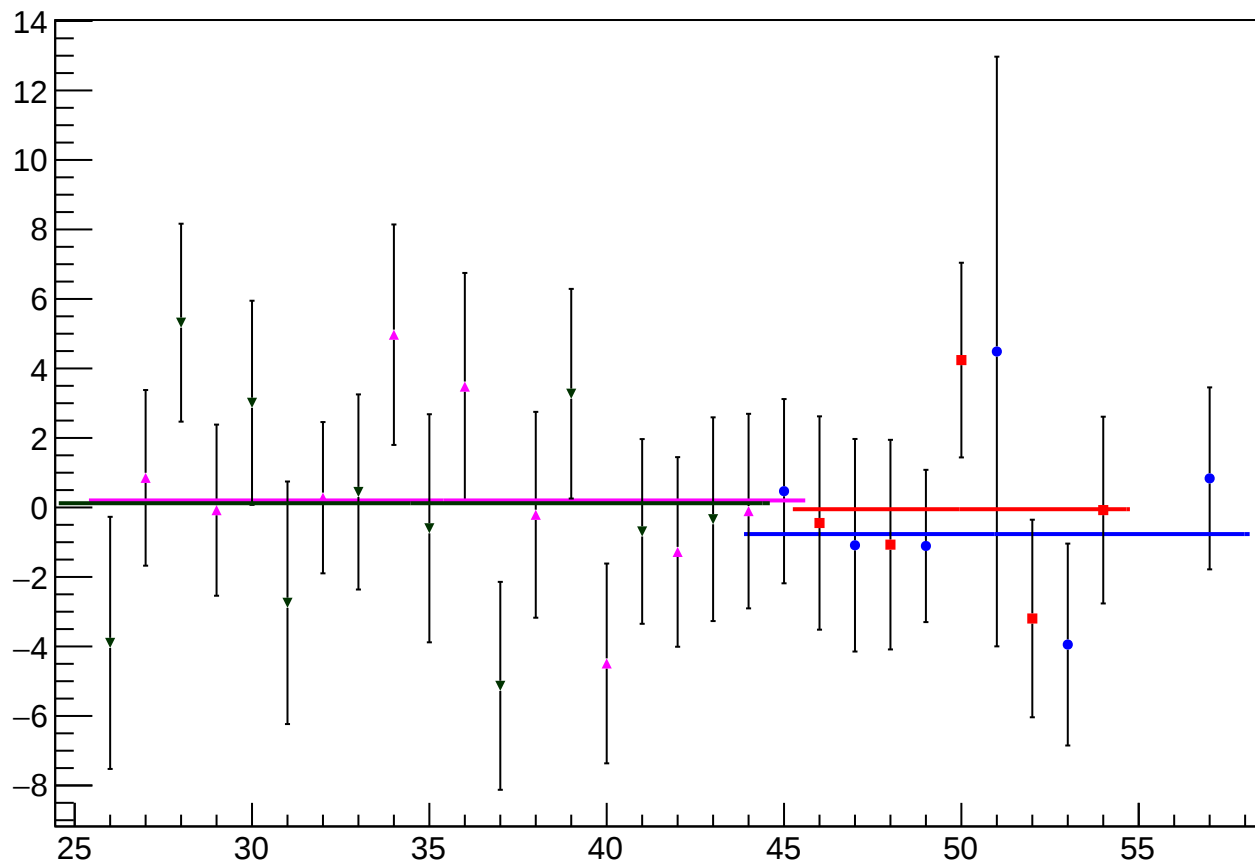
Right Out: 3948.243+/-1.973 χ^2/NDF : 518275.5/4

Left In: 4344.593+/-1.308 χ^2/NDF :94267.5/8

3922.229+/-1.030 χ^2/NDF : 1421614.8/15

4223.572+/-1.090 χ^2/NDF : 640578.4/13

diff_bpm4acX_mean vs slug



Right In: -0.766 ± 1.166 $\chi^2/\text{NDF}: 2.2/5$

Left Out: 0.122 ± 0.955 $\chi^2/\text{NDF}: 10.6/9$

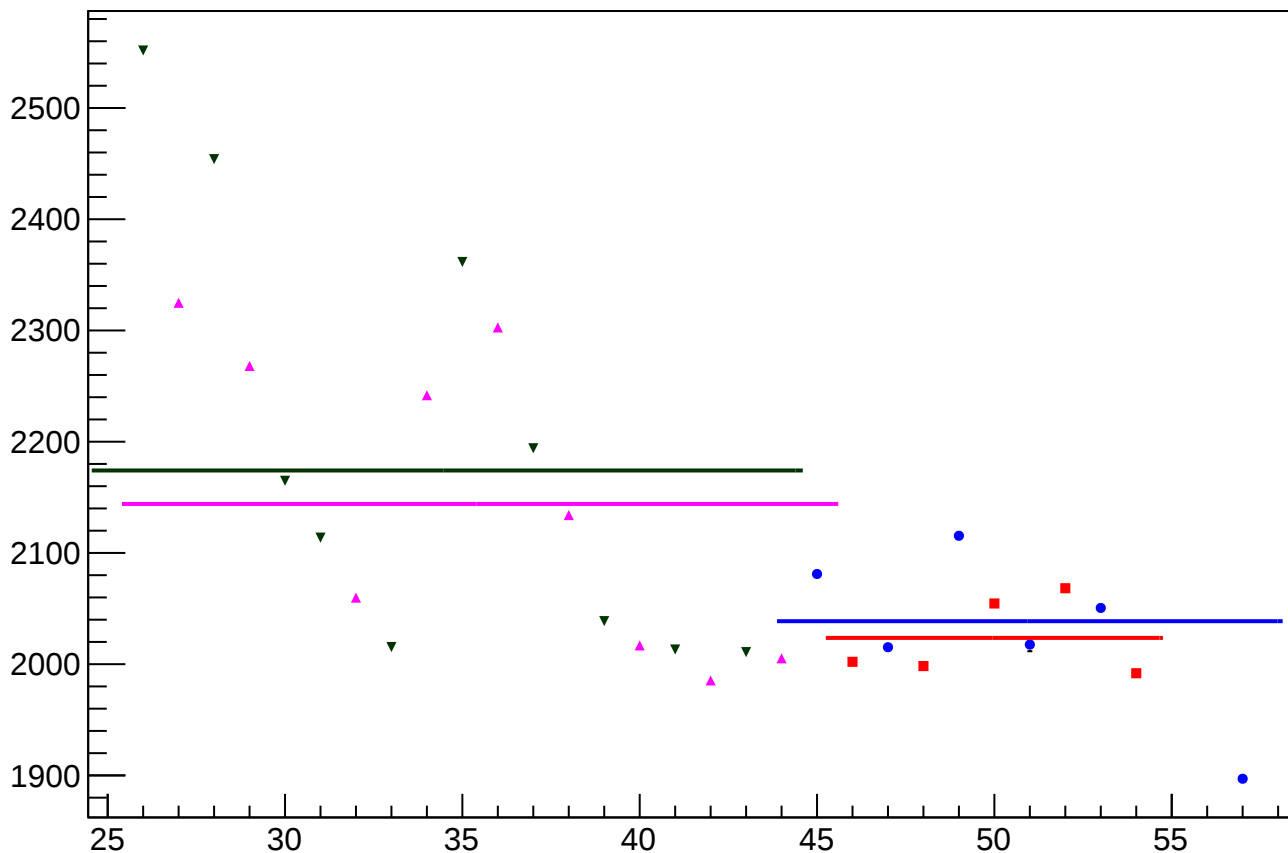
Right Out: -0.051 ± 1.285 $\chi^2/\text{NDF}: 3.7/4$

Left In: 0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

-0.235 ± 0.739 $\chi^2/\text{NDF}: 13.1/15$

0.118 ± 0.740 $\chi^2/\text{NDF}: 10.1/13$

diff_bpm4acX_rms vs slug



Right In: 2038.638+/-0.824 χ^2/NDF : 8983.8/5

Left Out: 2174.130+/-0.675 χ^2/NDF : 72174.6/9

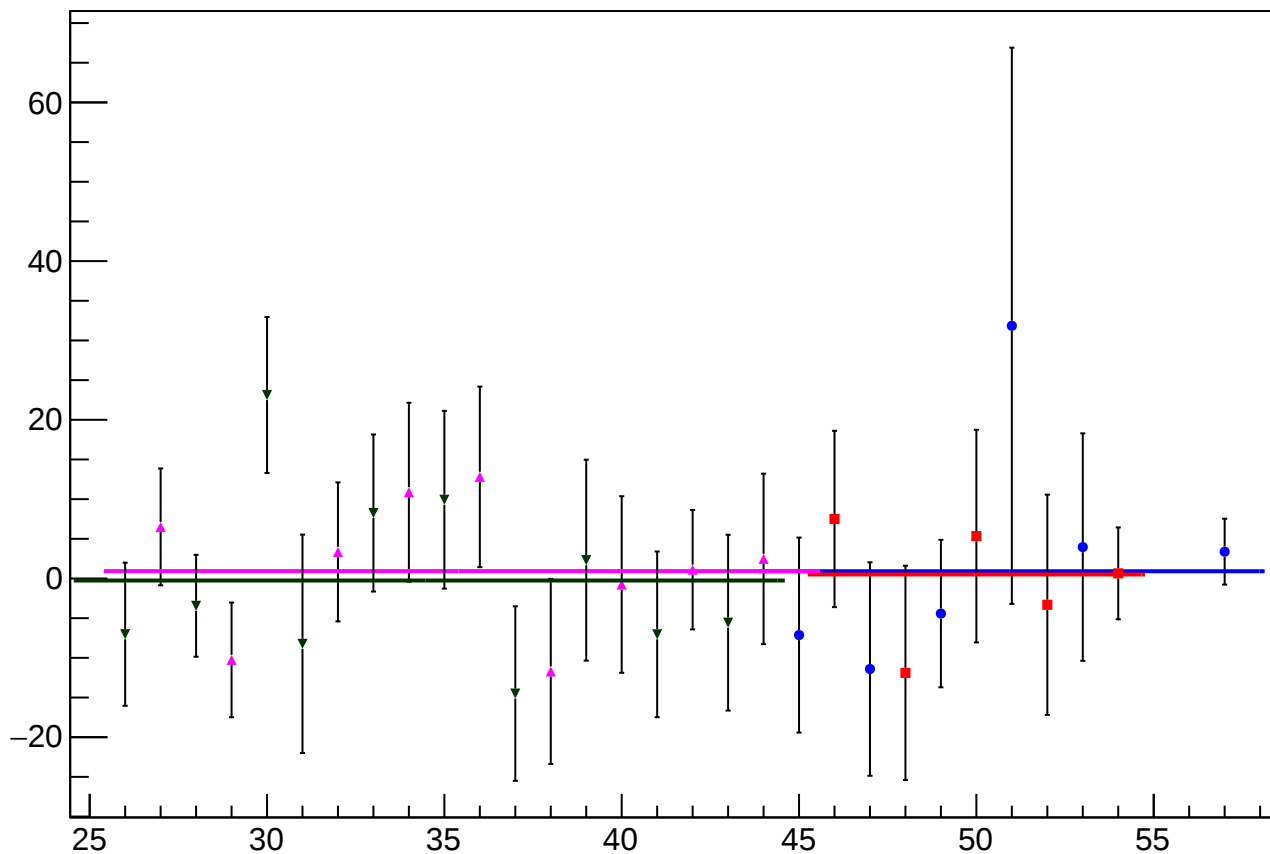
Right Out: 2023.626+/-0.909 χ^2/NDF : 1256.4/4

Left In: 2144.053+/-0.640 χ^2/NDF : 40538.6/8

2119.723+/-0.522 χ^2/NDF : 97326.2/15

2104.148+/-0.523 χ^2/NDF : 53543.6/13

diff_bpm4acY_mean vs slug



Right In: 0.915 ± 3.382 $\chi^2/\text{NDF}: 2.8/5$

Left Out: -0.253 ± 3.128 $\chi^2/\text{NDF}: 10.7/9$

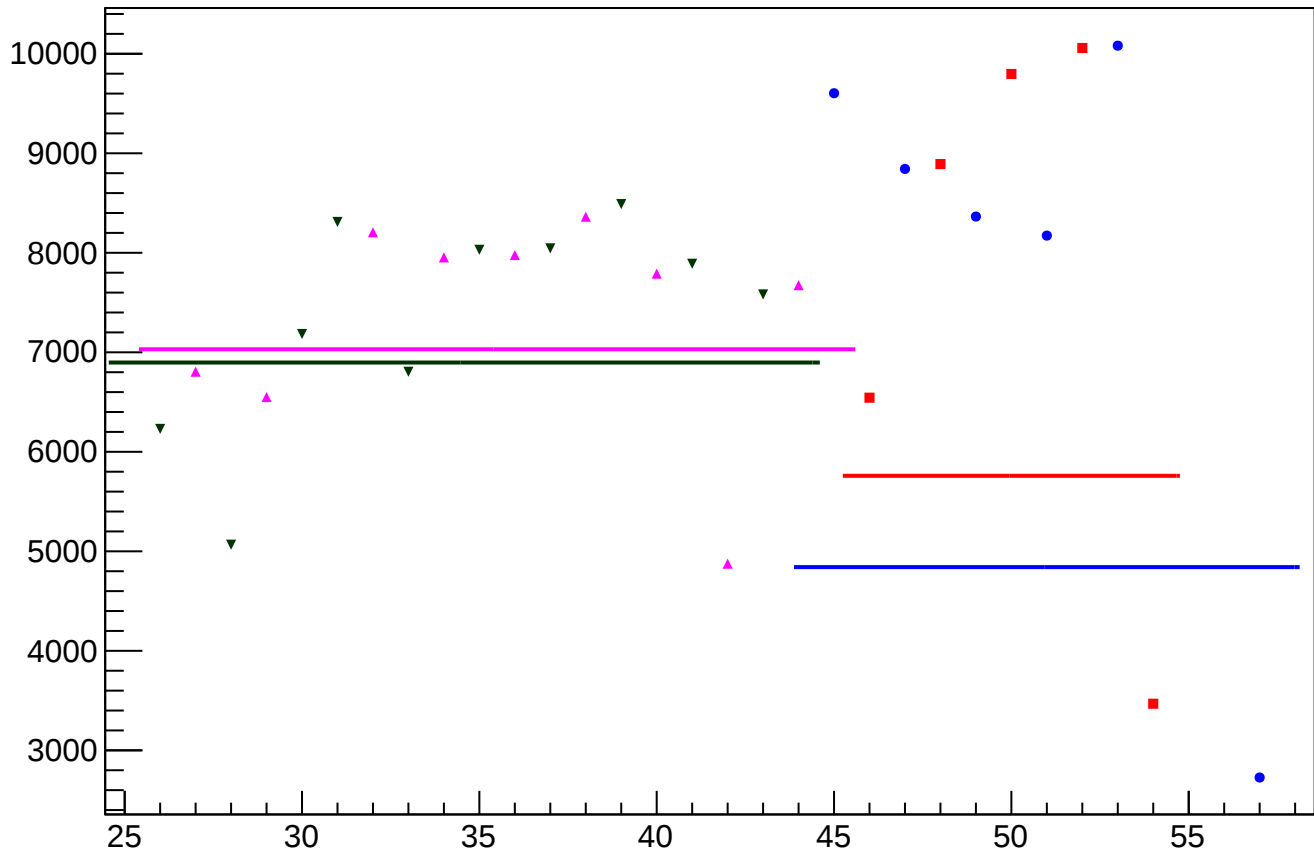
Right Out: 0.509 ± 4.296 $\chi^2/\text{NDF}: 1.4/4$

Left In: 0.933 ± 3.043 $\chi^2/\text{NDF}: 6.1/8$

0.286 ± 2.296 $\chi^2/\text{NDF}: 13.6/15$

0.791 ± 2.483 $\chi^2/\text{NDF}: 7.6/13$

diff_bpm4acY_rms vs slug



Right In: 4841.329+/-2.391 χ^2/NDF : 1569035.6/5

Left Out: 6897.291+/-2.212 χ^2/NDF : 296077.9/9

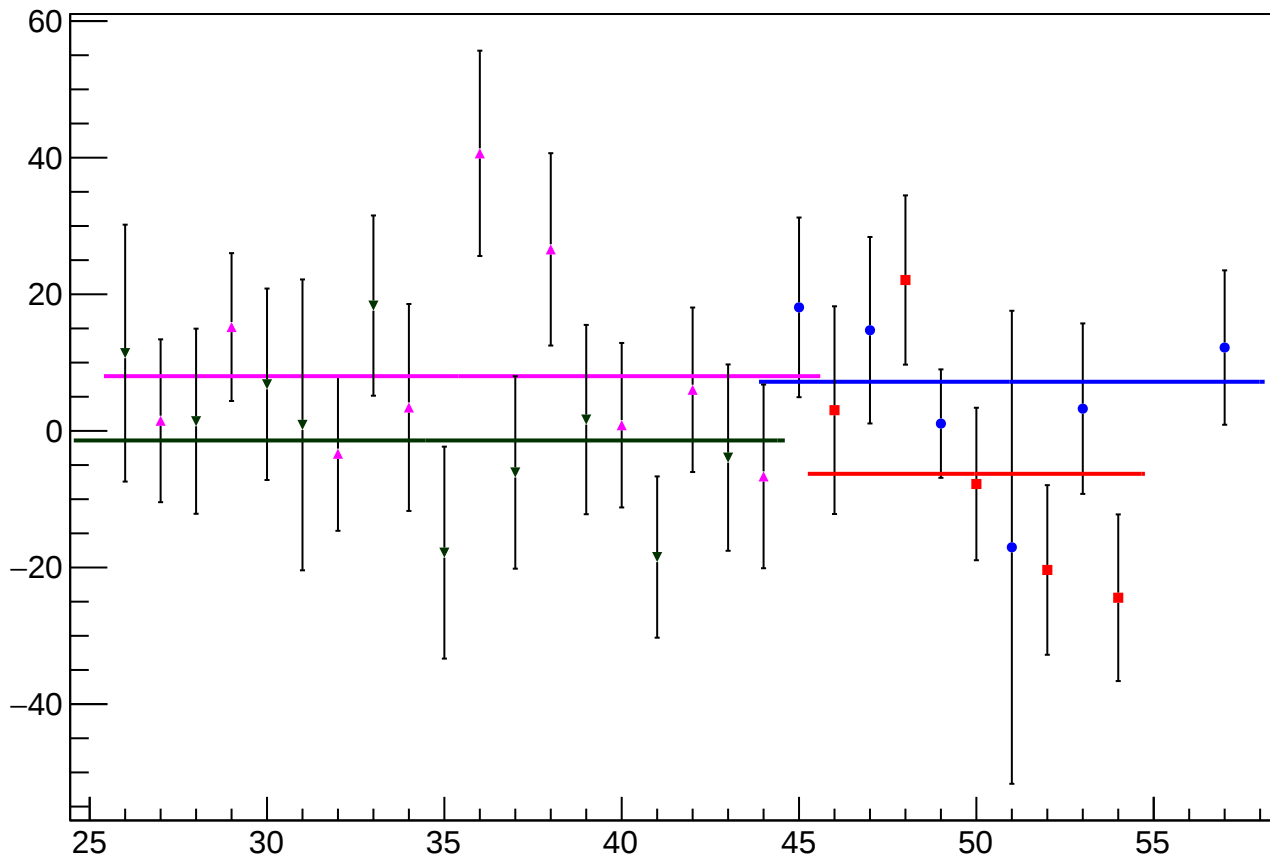
Right Out: 5759.021+/-3.038 χ^2/NDF : 804195.7/4

Left In: 7030.553+/-2.152 χ^2/NDF : 280714.3/8

5949.347+/-1.624 χ^2/NDF : 2263469.4/15

6605.817+/-1.756 χ^2/NDF : 1201576.1/13

diff_bpm4ecX_mean vs slug



Right In: 7.193 ± 4.873 χ^2/NDF : 2.4/5

Left Out: -1.399 ± 4.552 χ^2/NDF : 6.5/9

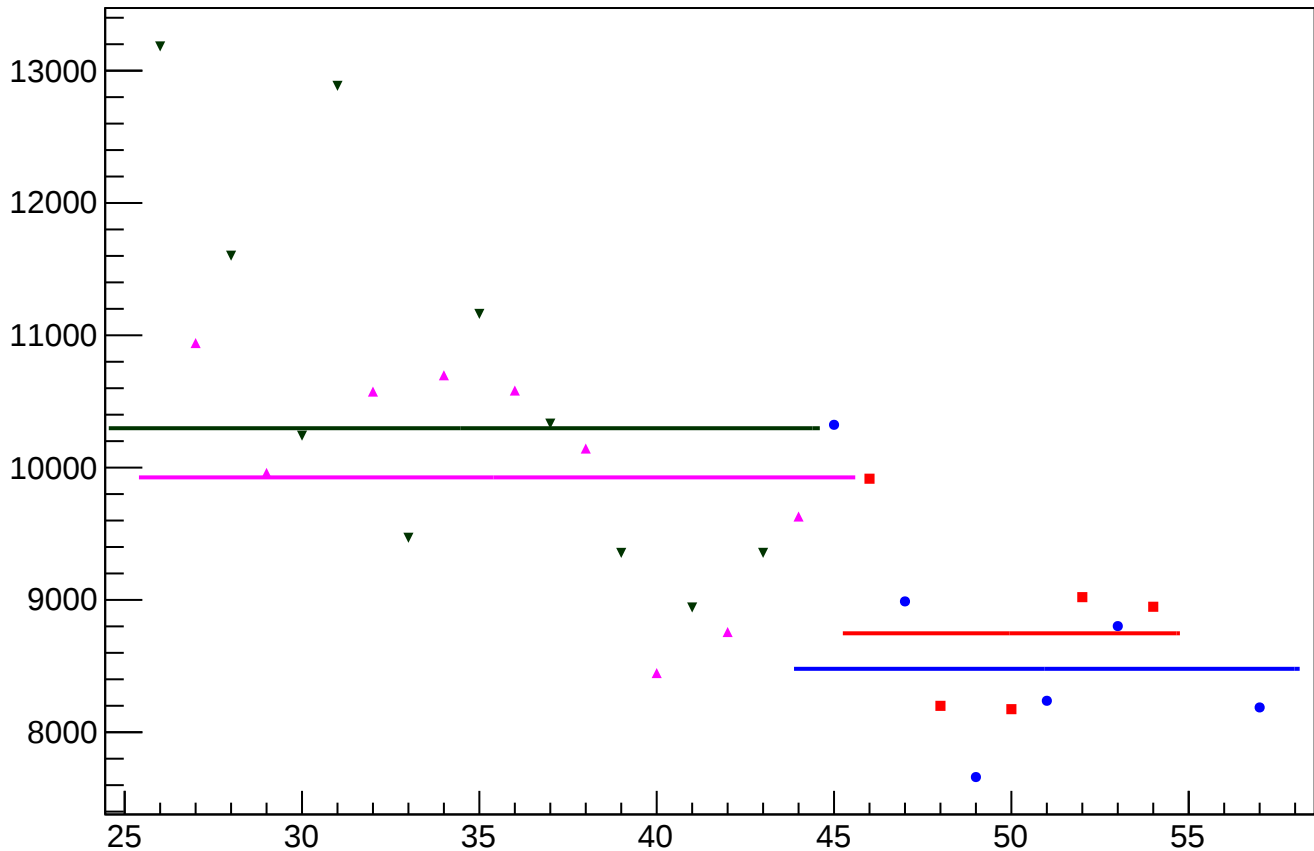
Right Out: -6.283 ± 5.584 χ^2/NDF : 9.1/4

Left In: 8.013 ± 4.204 χ^2/NDF : 9.9/8

2.604 ± 3.327 χ^2/NDF : 10.5/15

2.841 ± 3.359 χ^2/NDF : 23.2/13

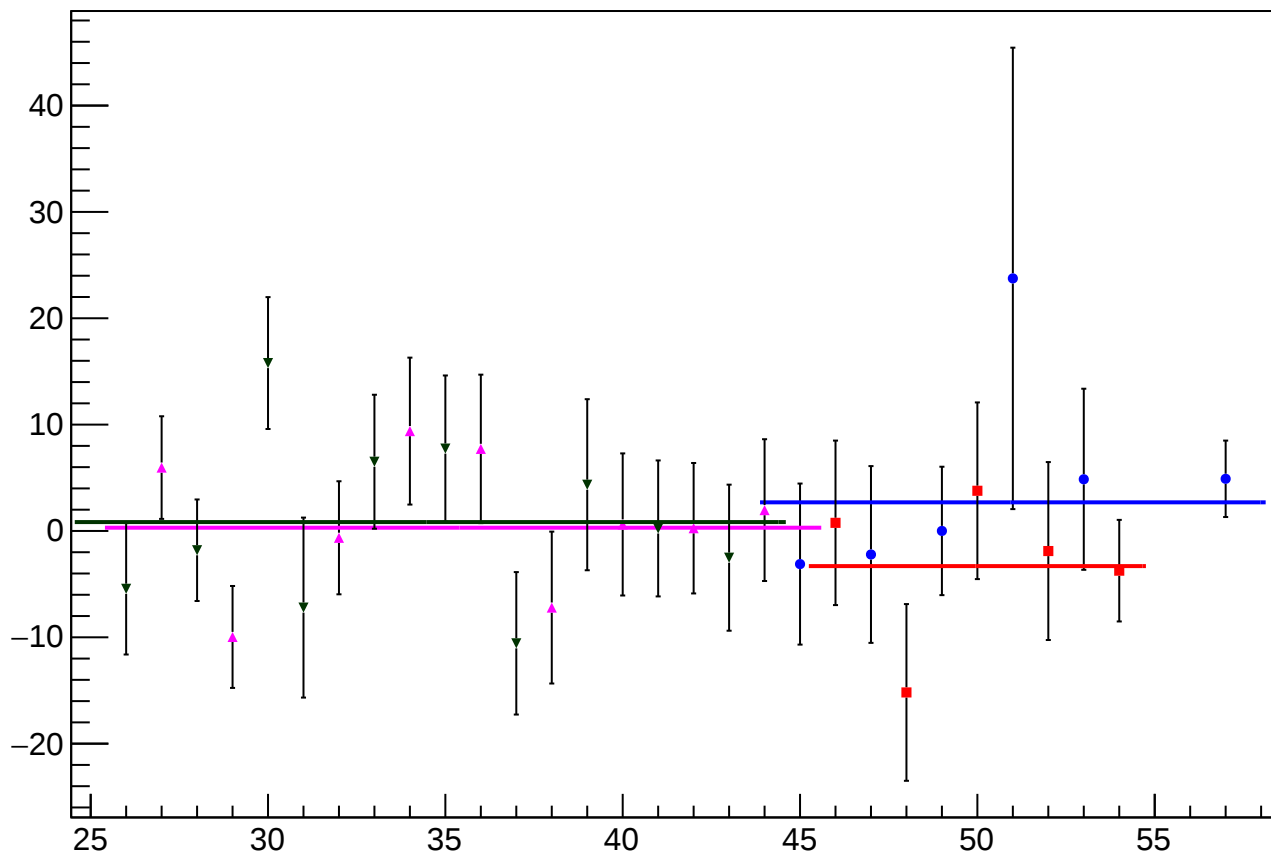
diff_bpm4ecX_rms vs slug



Right In: 8479.262+/-3.446 χ^2/NDF : 66129.0/5
 Left Out: 10297.699+/-3.219 χ^2/NDF :154377.9/9
 Right Out: 8747.672+/-3.948 χ^2/NDF : 22510.8/4
 Left In: 9926.075+/-2.973 χ^2/NDF :80597.8/8

9450.411+/-2.352 χ^2/NDF : 369216.0/15
 9499.770+/-2.375 χ^2/NDF : 159955.6/13

diff_bpm4ecY_mean vs slug



Right In: 2.691 ± 2.559 χ^2/NDF : 2.5/5

Left Out: 0.835 ± 2.042 χ^2/NDF : 13.2/9

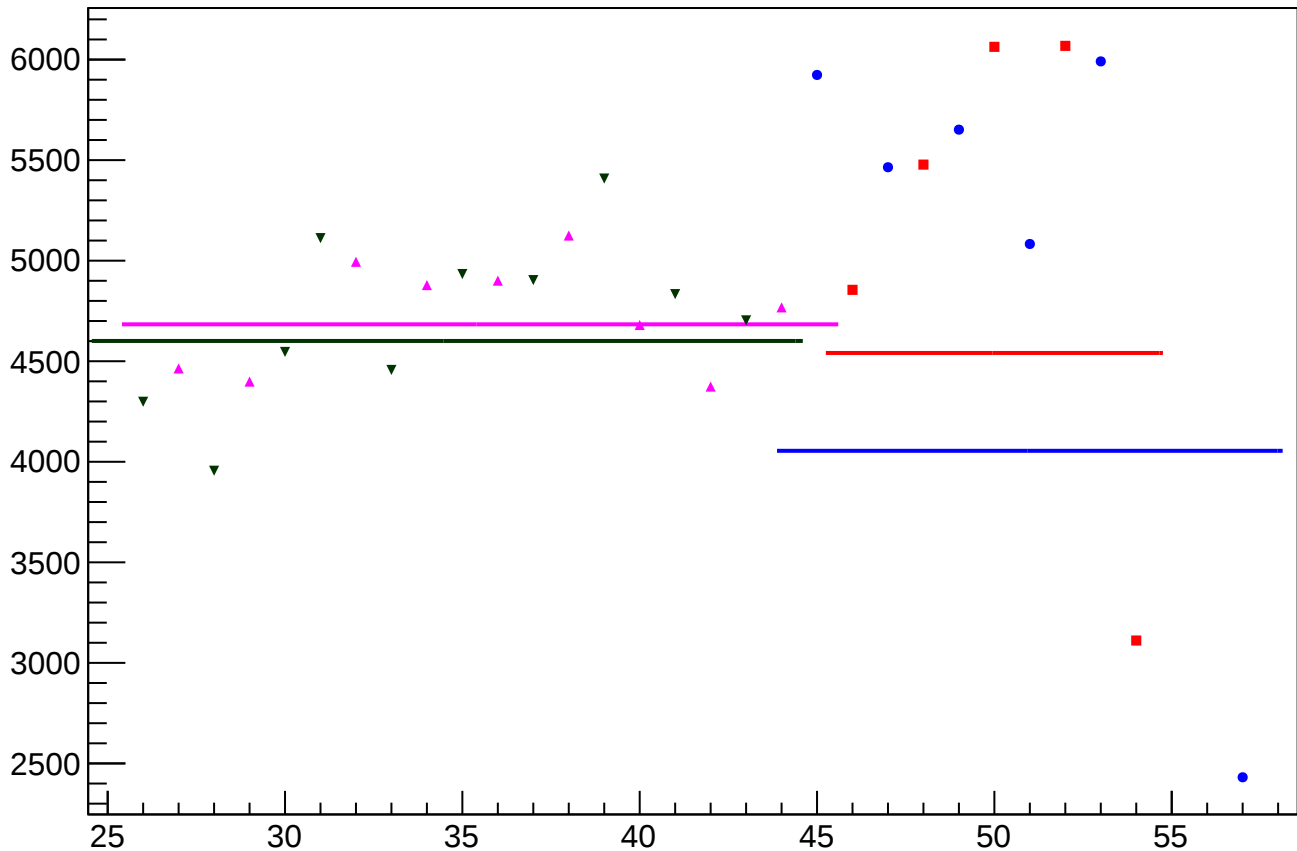
Right Out: -3.304 ± 3.103 χ^2/NDF : 3.1/4

Left In: 0.306 ± 1.982 χ^2/NDF : 10.0/8

1.557 ± 1.596 χ^2/NDF : 16.1/15

-0.740 ± 1.671 χ^2/NDF : 14.1/13

diff_bpm4ecY_rms vs slug



Right In: 4054.574+/-1.809 χ^2/NDF : 835547.2/5

Left Out: 4600.808+/-1.444 χ^2/NDF :81875.8/9

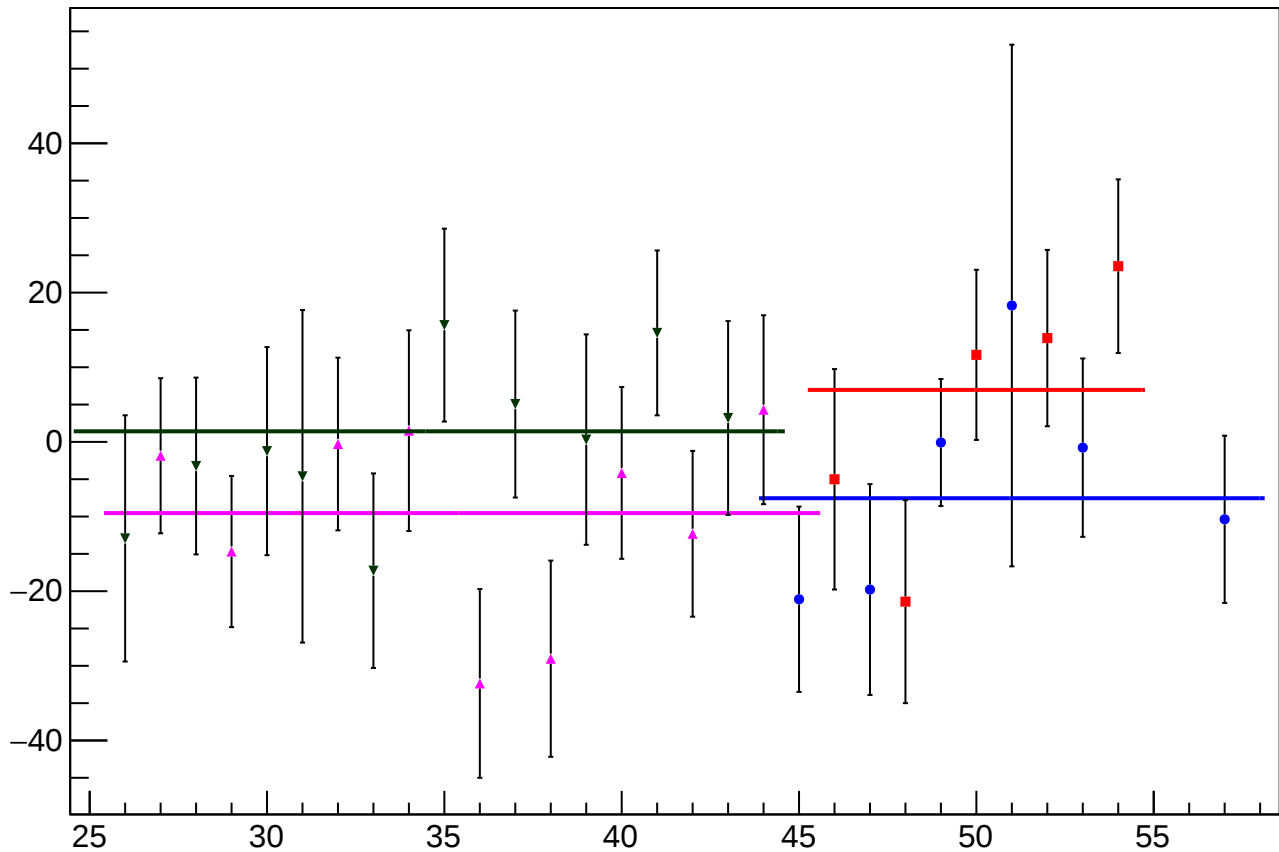
Right Out: 4541.172+/-2.194 χ^2/NDF : 341824.7/4

Left In: 4683.543+/-1.402 χ^2/NDF :34622.6/8

4388.297+/-1.129 χ^2/NDF : 973099.7/15

4642.284+/-1.181 χ^2/NDF : 379436.6/13

diff_bpm1X_mean vs slug



Right In: -7.546 ± 4.932 χ^2/NDF : 3.6/5

Left Out: 1.417 ± 4.249 χ^2/NDF : 5.8/9

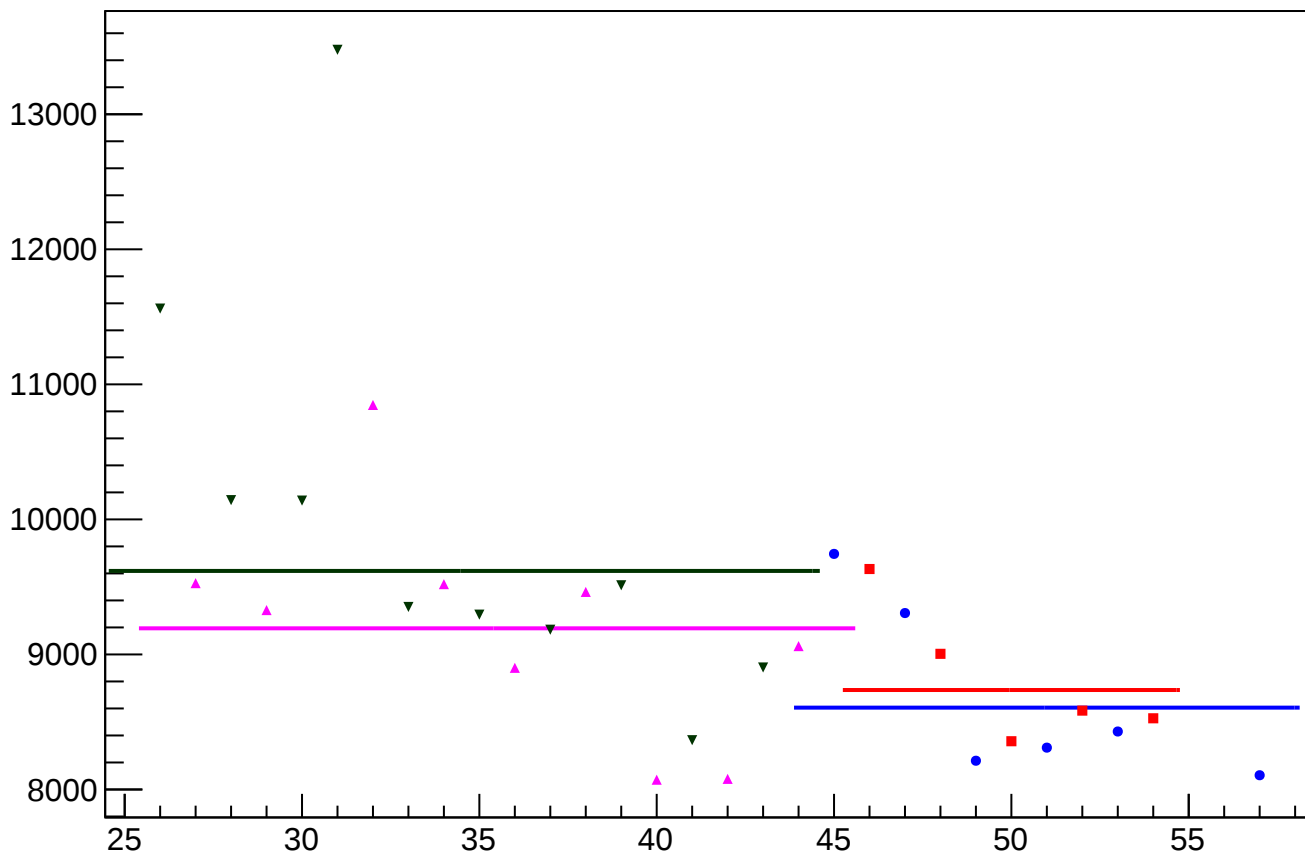
Right Out: 6.965 ± 5.569 χ^2/NDF : 7.6/4

Left In: -9.535 ± 3.893 χ^2/NDF : 9.1/8

-2.401 ± 3.219 χ^2/NDF : 11.4/15

-4.118 ± 3.191 χ^2/NDF : 22.5/13

diff_bpm1X_rms vs slug



Right In: 8606.137+/-3.488 χ^2/NDF : 30585.1/5

Left Out: 9618.418+/-3.005 χ^2/NDF :130935.9/9

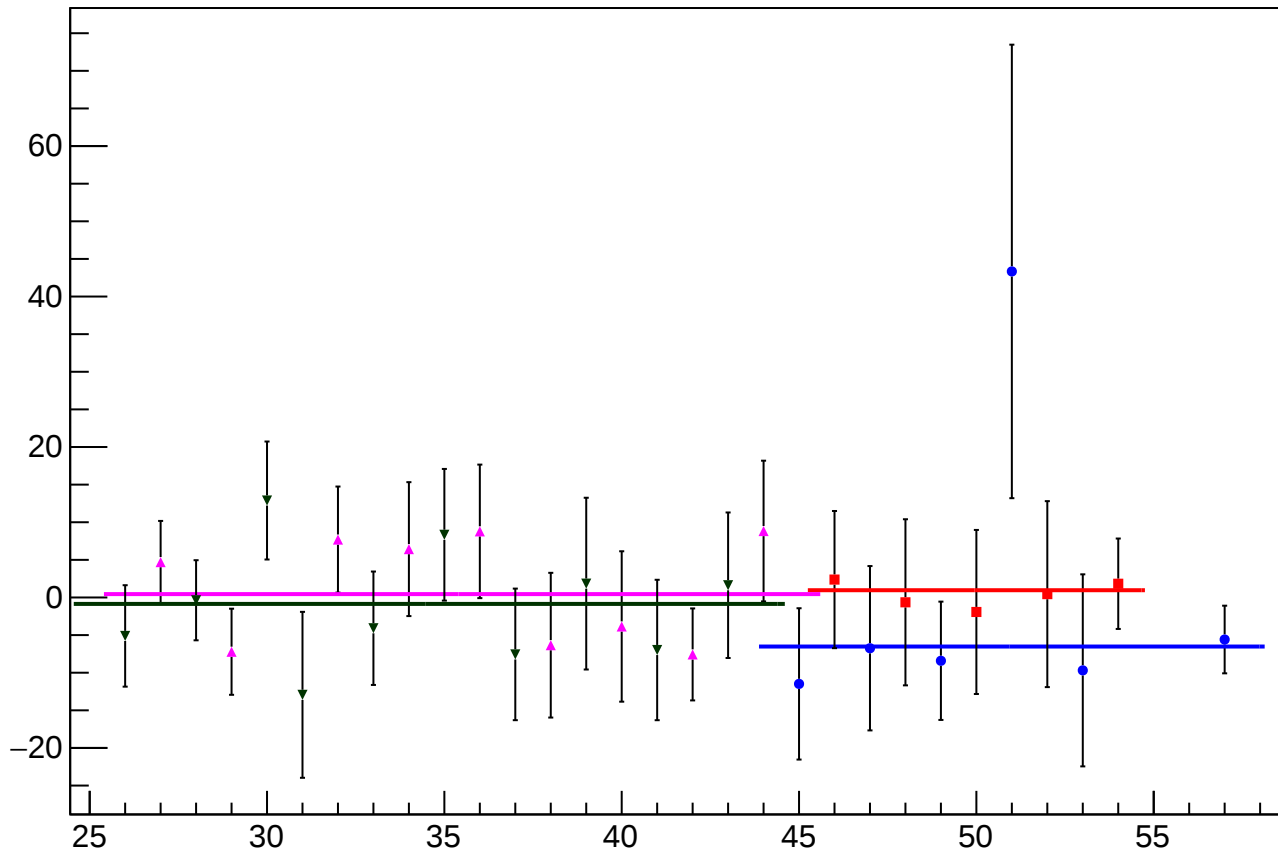
Right Out: 8736.594+/-3.938 χ^2/NDF : 11339.0/4

Left In: 9193.401+/-2.753 χ^2/NDF :85779.3/8

9187.186+/-2.276 χ^2/NDF : 209877.9/15

9043.435+/-2.256 χ^2/NDF : 106158.6/13

diff_bpm1Y_mean vs slug



Right In: -6.521 ± 3.312 χ^2/NDF : 3.1/5

Left Out: -0.856 ± 2.537 χ^2/NDF : 7.1/9

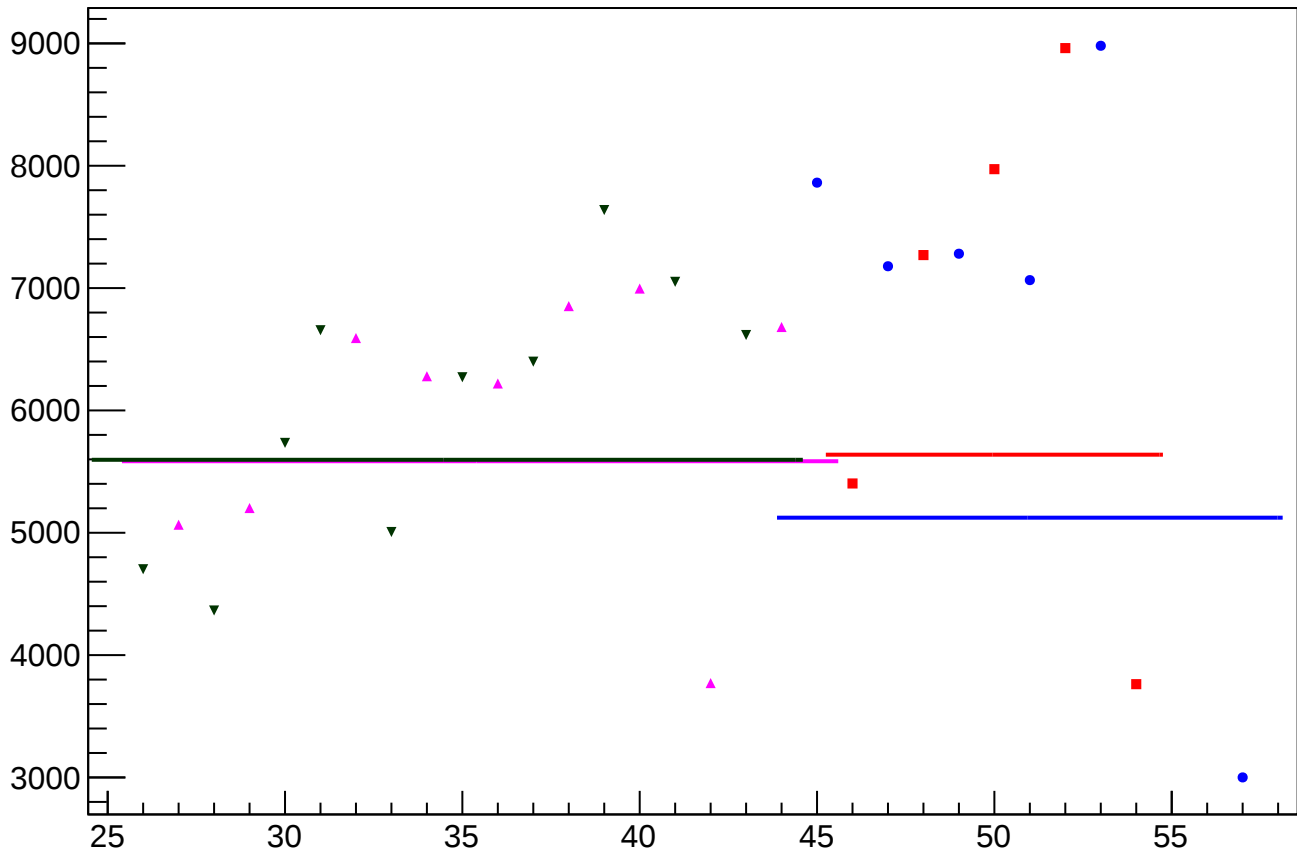
Right Out: 0.964 ± 3.988 χ^2/NDF : 0.1/4

Left In: 0.448 ± 2.437 χ^2/NDF : 8.0/8

-2.950 ± 2.014 χ^2/NDF : 12.1/15

0.589 ± 2.080 χ^2/NDF : 8.1/13

diff_bpm1Y_rms vs slug



Right In: 5123.325+/-2.342 χ^2/NDF : 1006593.1/5

Left Out: 5596.473+/-1.794 χ^2/NDF :337129.9/9

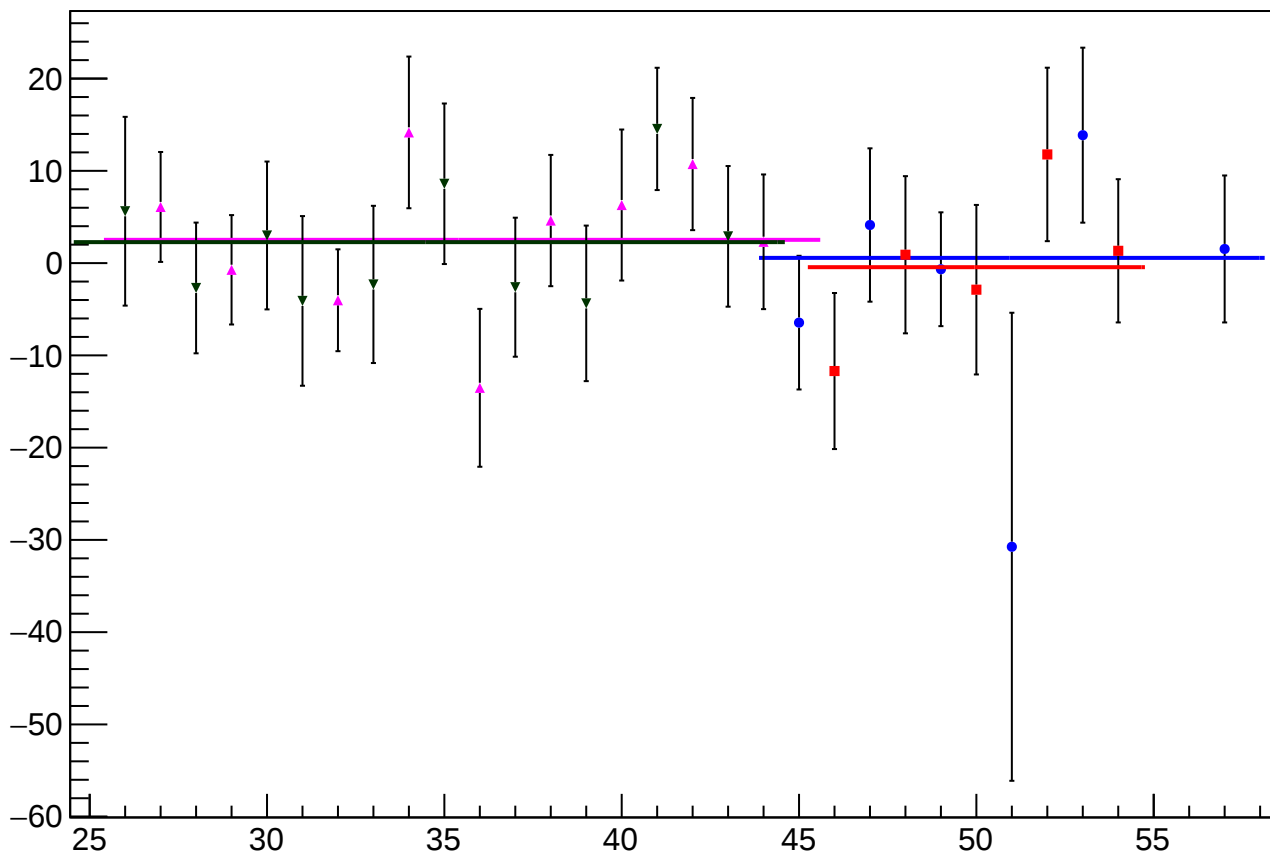
Right Out: 5638.266+/-2.820 χ^2/NDF : 476119.1/4

Left In: 5584.691+/-1.723 χ^2/NDF :368292.2/8

5421.514+/-1.424 χ^2/NDF : 1369443.8/15

5599.262+/-1.470 χ^2/NDF : 844674.1/13

diff_bpm11X_mean vs slug



Right In: 0.567 ± 3.366 χ^2/NDF : 4.7/5

Left Out: 2.274 ± 2.536 χ^2/NDF : 6.4/9

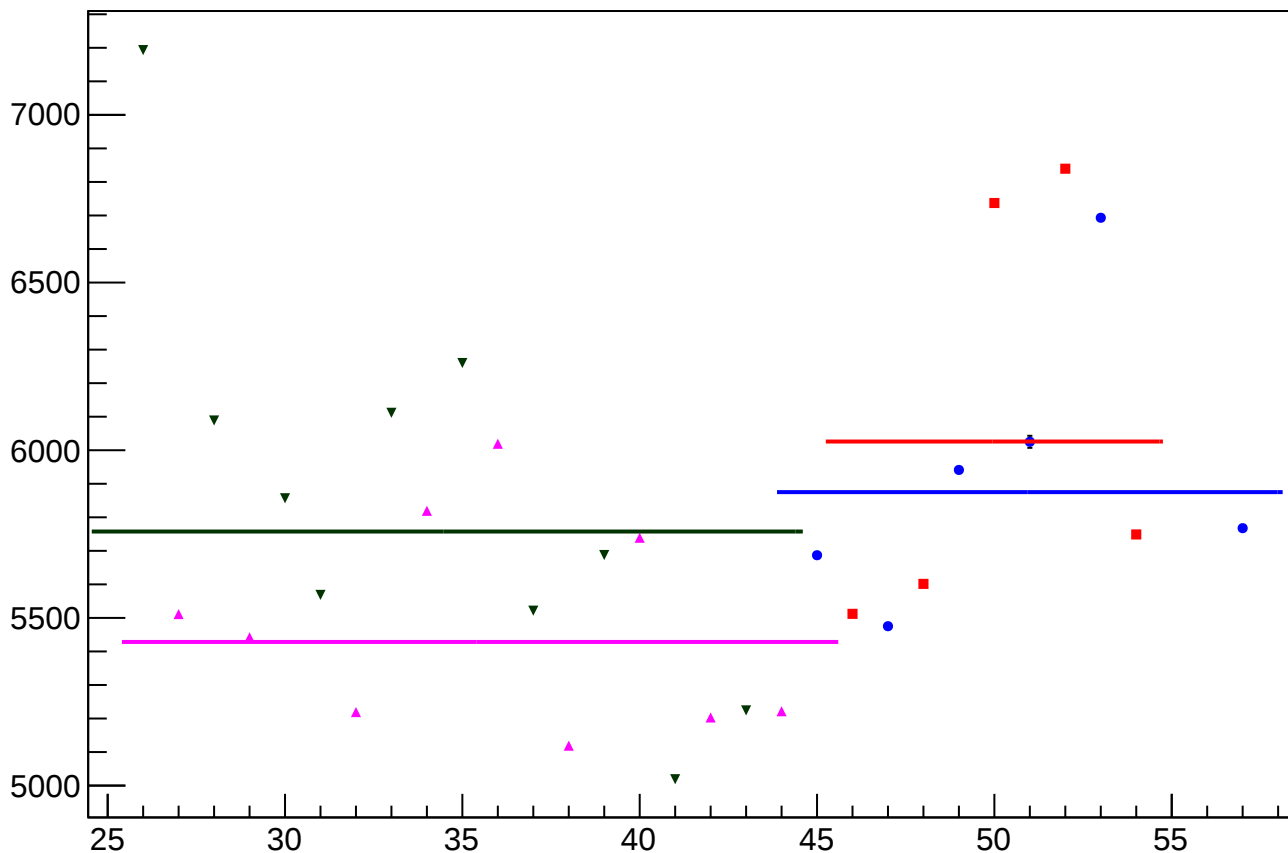
Right Out: -0.442 ± 3.848 χ^2/NDF : 3.6/4

Left In: 2.523 ± 2.289 χ^2/NDF : 9.2/8

1.656 ± 2.025 χ^2/NDF : 11.2/15

1.748 ± 1.967 χ^2/NDF : 13.2/13

diff_bpm11X_rms vs slug



Right In: 5875.099+/-2.380 χ^2/NDF : 21527.5/5

Left Out: 5757.593+/-1.793 χ^2/NDF : 91757.3/9

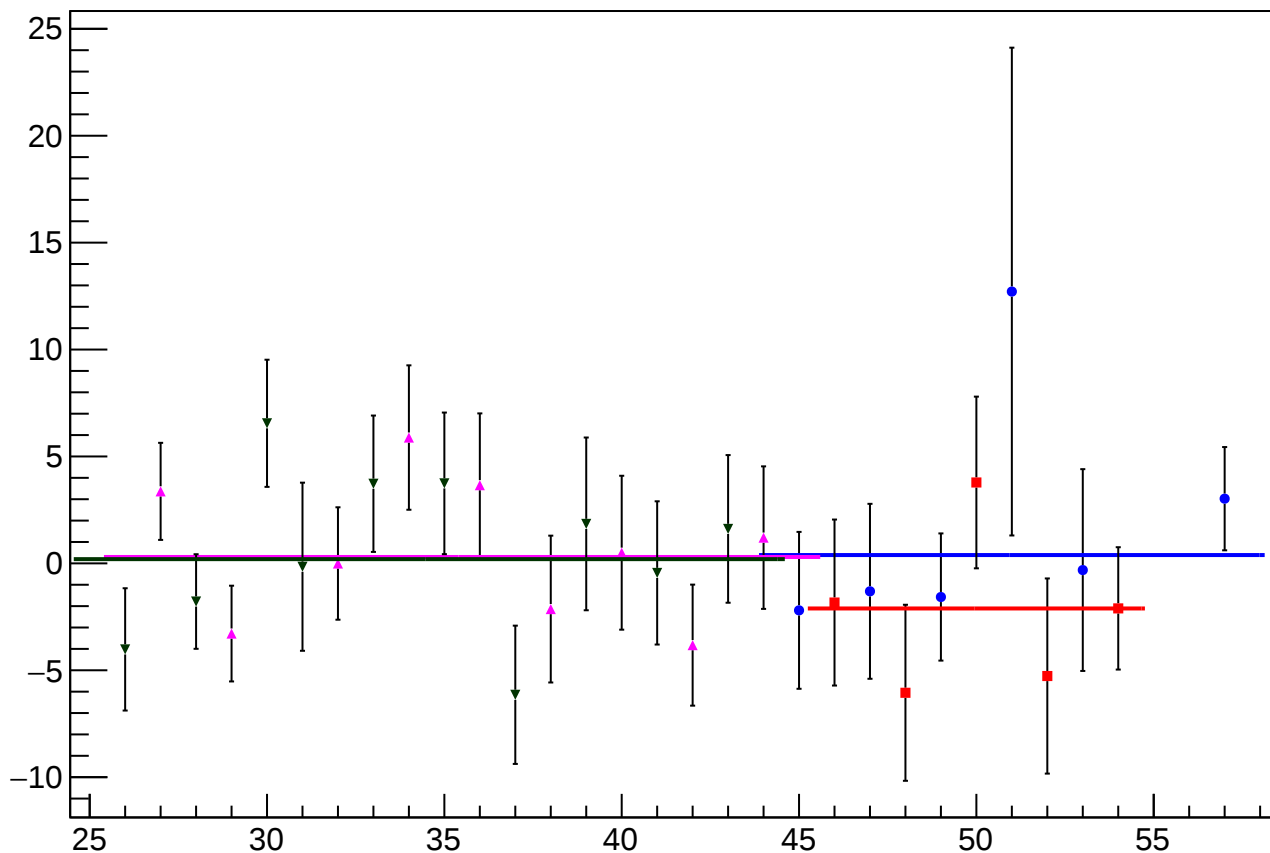
Right Out: 6025.970+/-2.721 χ^2/NDF : 41860.0/4

Left In: 5428.326+/-1.619 χ^2/NDF : 27585.4/8

5800.132+/-1.432 χ^2/NDF : 114839.6/15

5584.507+/-1.391 χ^2/NDF : 105073.0/13

diff_bpm11Y_mean vs slug



Right In: 0.389 ± 1.457 χ^2/NDF : 3.5/5

Left Out: 0.198 ± 0.988 χ^2/NDF : 14.1/9

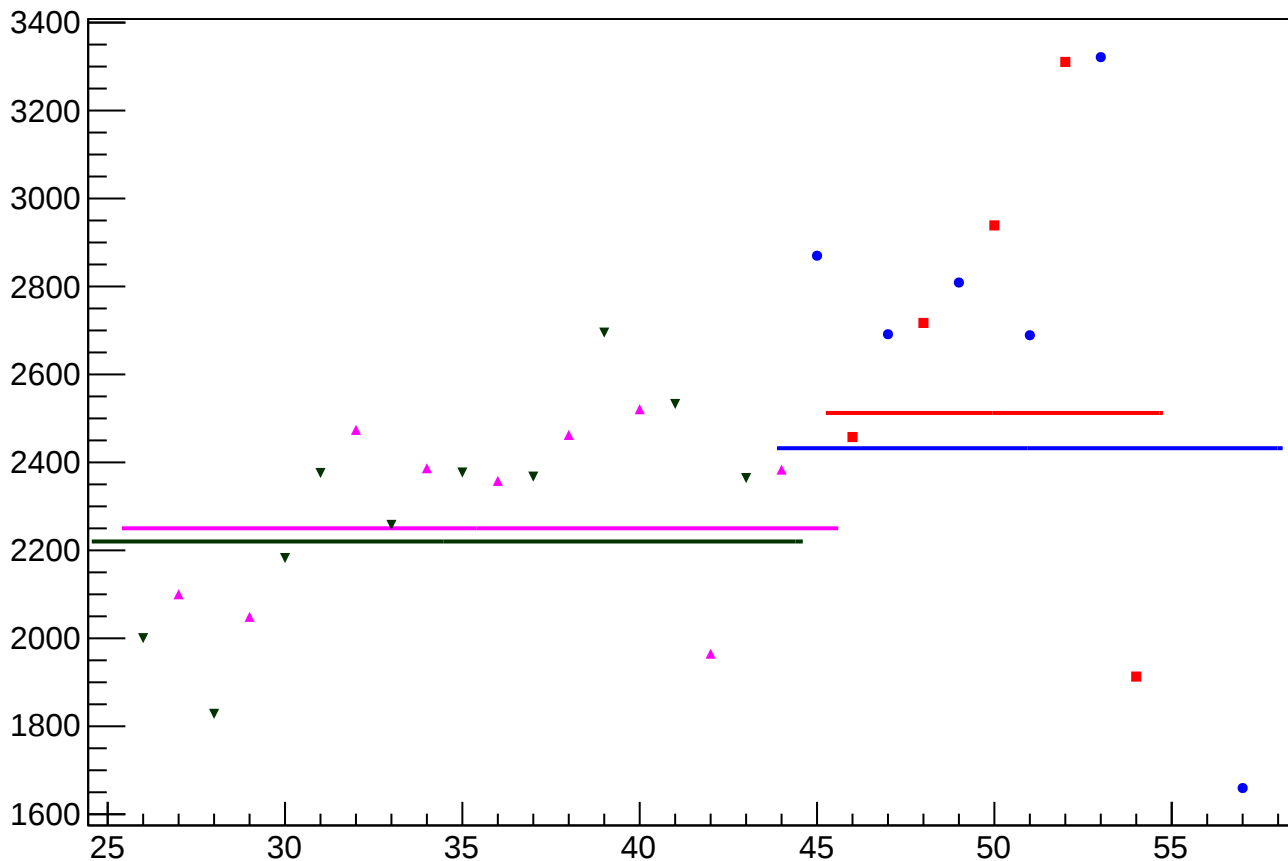
Right Out: -2.109 ± 1.672 χ^2/NDF : 3.6/4

Left In: 0.299 ± 0.957 χ^2/NDF : 10.8/8

0.258 ± 0.818 χ^2/NDF : 17.6/15

-0.295 ± 0.831 χ^2/NDF : 16.0/13

diff_bpm11Y_rms vs slug



Right In: 2432.257+/-1.030 χ^2/NDF : 345354.0/5

Left Out: 2220.193+/-0.699 χ^2/NDF :135533.9/9

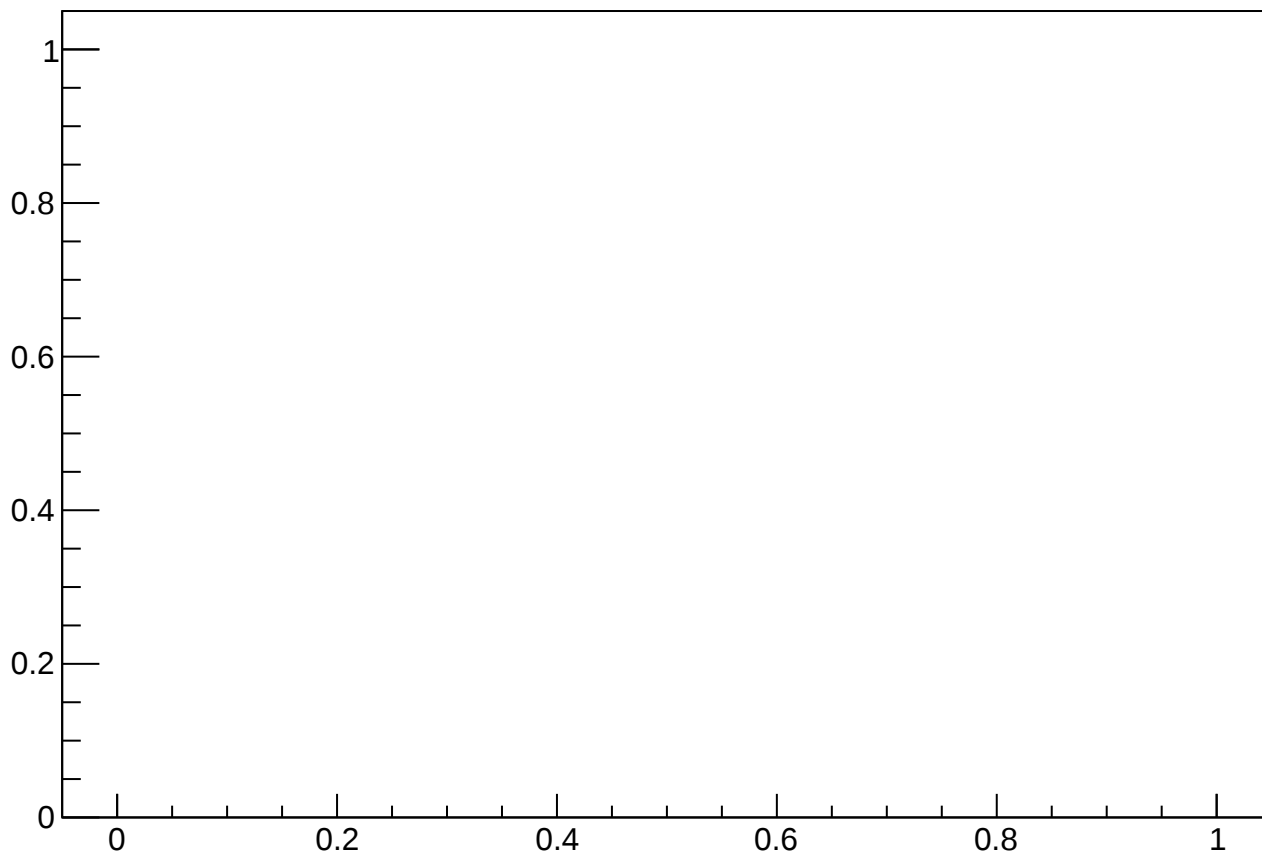
Right Out: 2512.380+/-1.182 χ^2/NDF : 176845.9/4

Left In: 2250.180+/-0.677 χ^2/NDF :87193.5/8

2287.022+/-0.578 χ^2/NDF : 509910.8/15

2314.882+/-0.587 χ^2/NDF : 301074.5/13

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

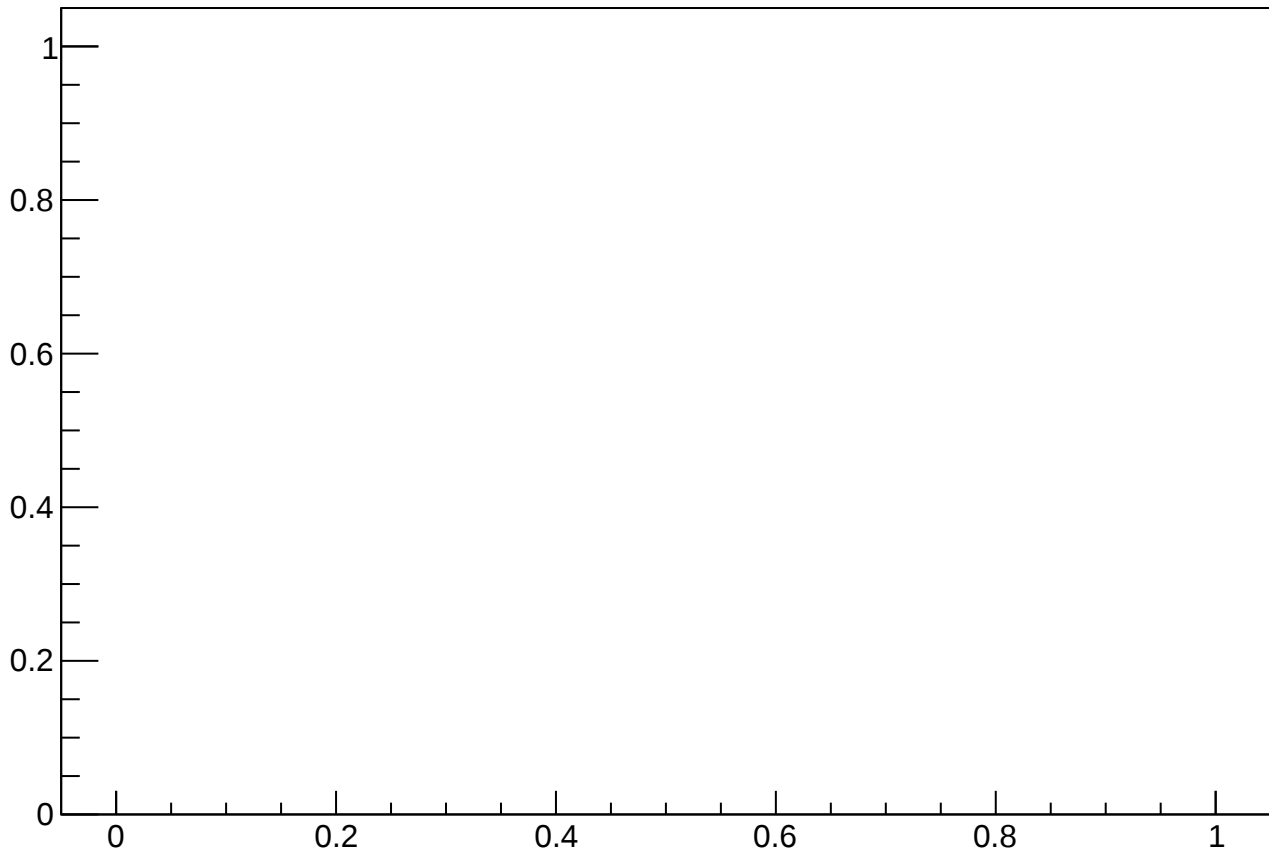
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

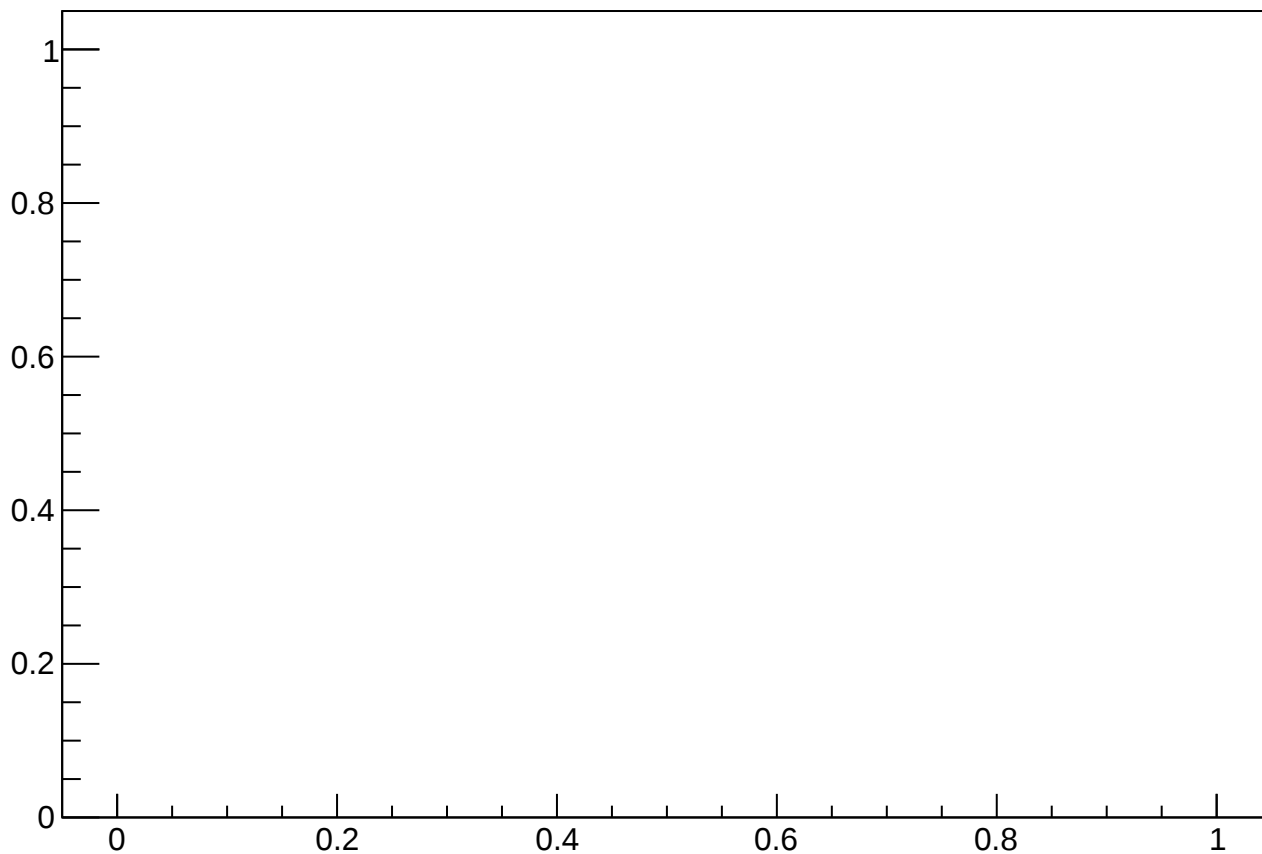
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

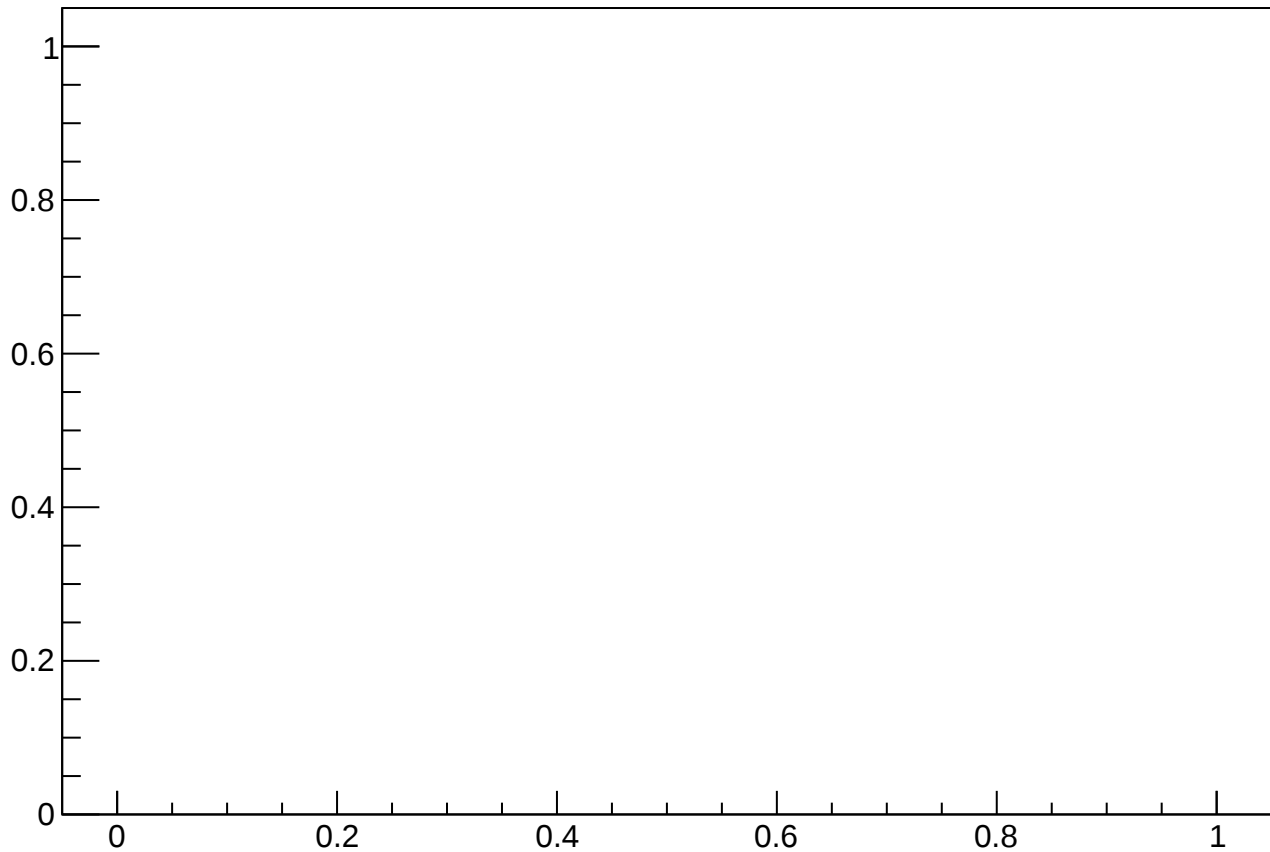
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

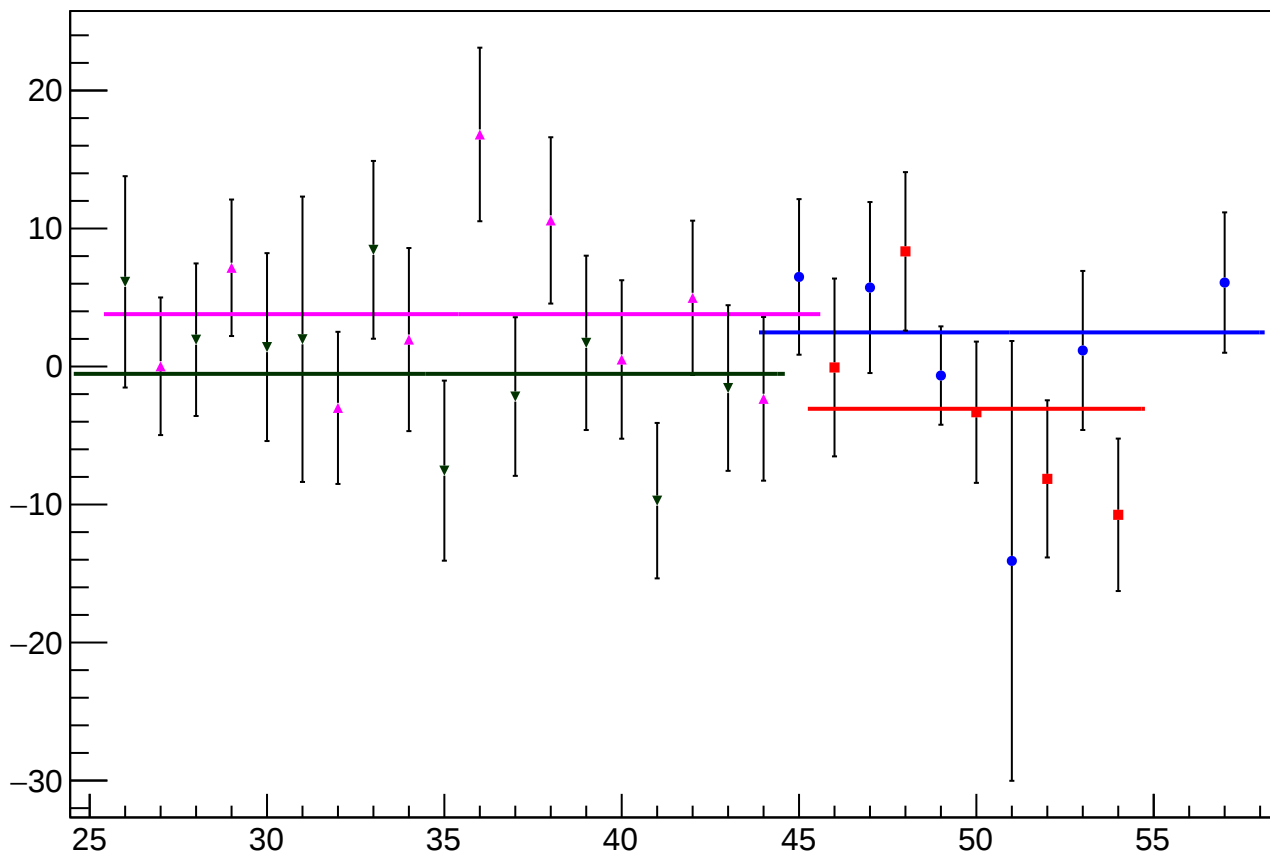
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.472 ± 2.188 χ^2/NDF : 3.2/5

Left Out: -0.532 ± 2.029 χ^2/NDF : 7.1/9

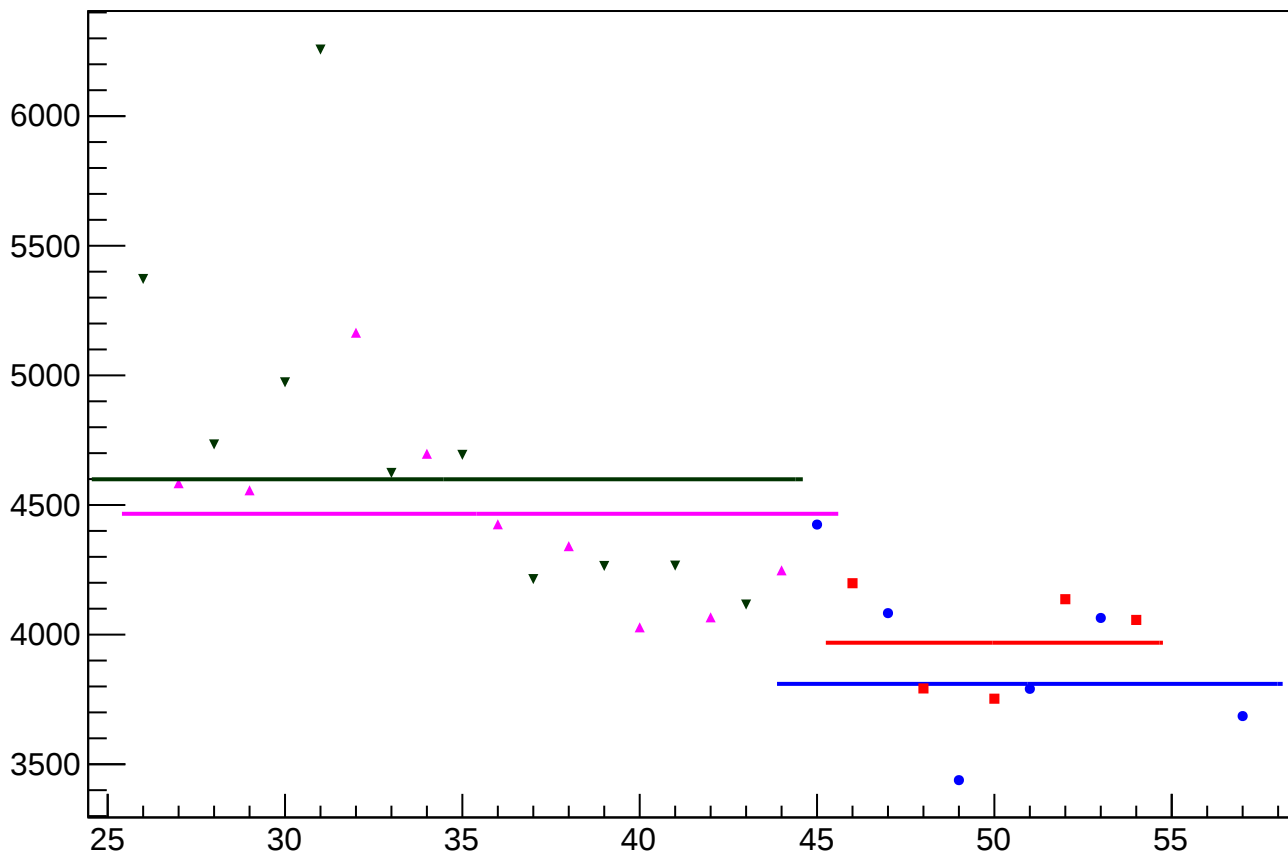
Right Out: -3.063 ± 2.530 χ^2/NDF : 6.9/4

Left In: 3.795 ± 1.889 χ^2/NDF : 9.6/8

0.857 ± 1.488 χ^2/NDF : 11.3/15

1.341 ± 1.514 χ^2/NDF : 21.2/13

diff_bpm16X_rms vs slug



Right In: 3809.997+/-1.547 χ^2/NDF : 54451.4/5

Left Out: 4599.203+/-1.435 χ^2/NDF :113974.5/9

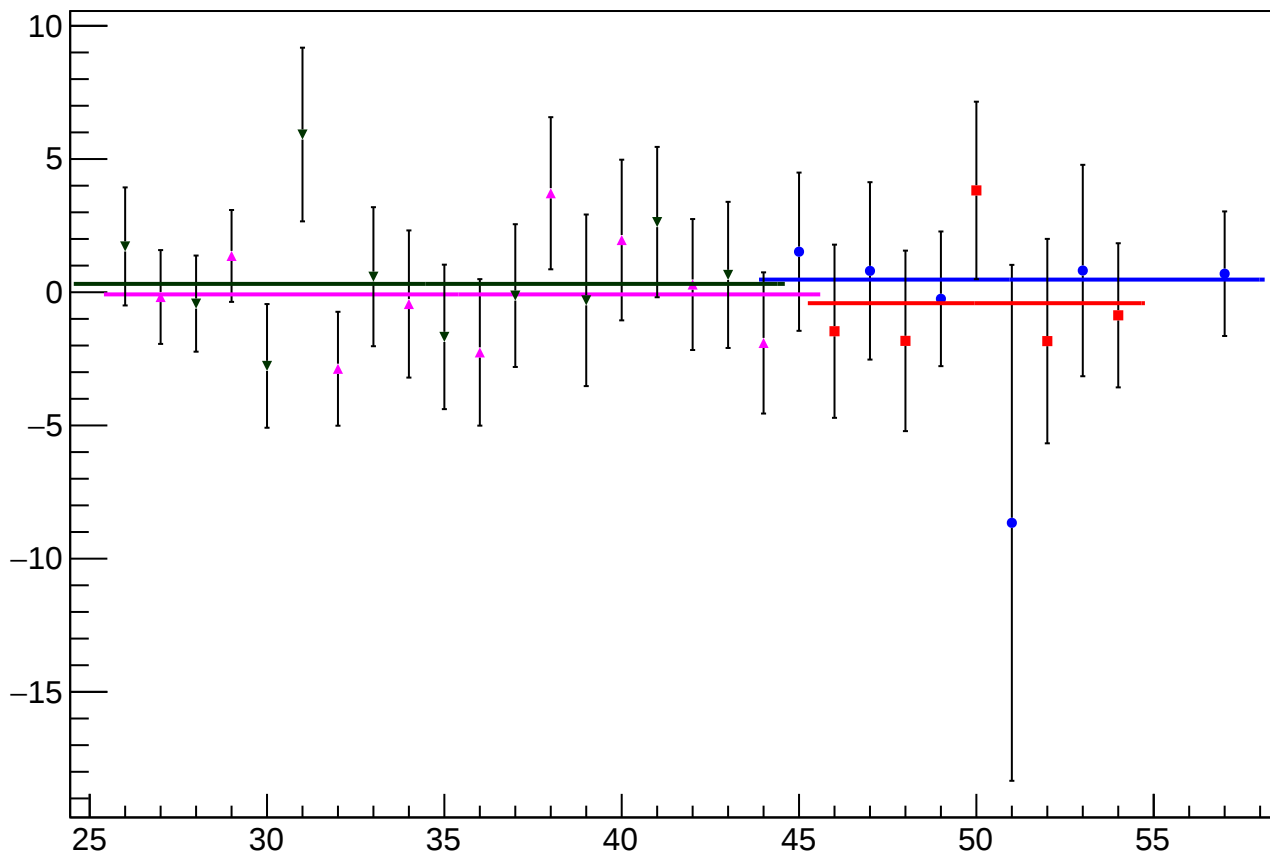
Right Out: 3968.741+/-1.789 χ^2/NDF : 10229.3/4

Left In: 4466.079+/-1.336 χ^2/NDF :61840.0/8

4234.279+/-1.052 χ^2/NDF : 308367.5/15

4288.106+/-1.070 χ^2/NDF : 121694.1/13

diff_bpm16Y_mean vs slug



Right In: 0.475 ± 1.273 χ^2/NDF : 1.1/5

Left Out: 0.314 ± 0.799 χ^2/NDF : 6.6/9

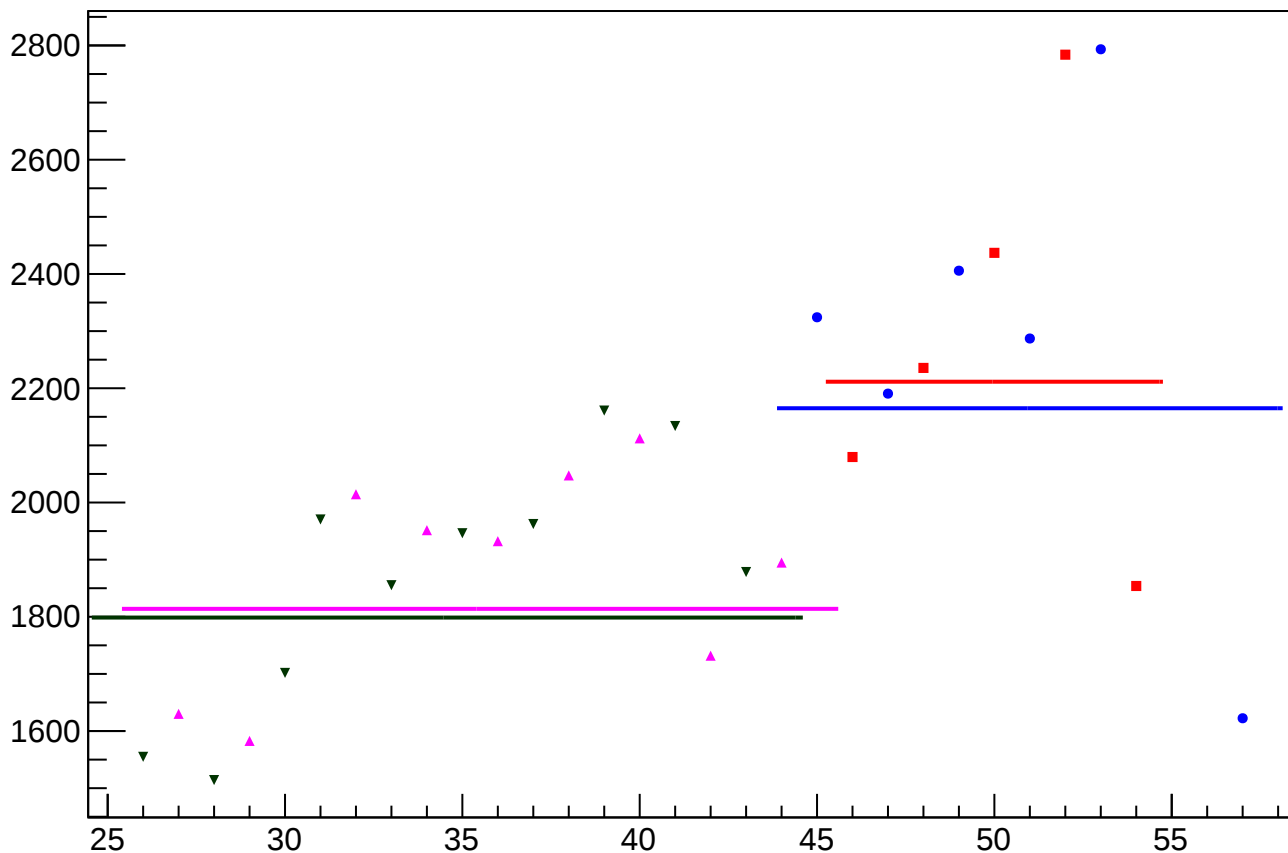
Right Out: -0.411 ± 1.449 χ^2/NDF : 2.1/4

Left In: -0.081 ± 0.771 χ^2/NDF : 5.8/8

0.359 ± 0.677 χ^2/NDF : 7.7/15

-0.154 ± 0.681 χ^2/NDF : 7.9/13

diff_bpm16Y_rms vs slug



Right In: 2165.020+/-0.900 χ^2/NDF : 182185.6/5

Left Out: 1798.642+/-0.565 χ^2/NDF :152532.1/9

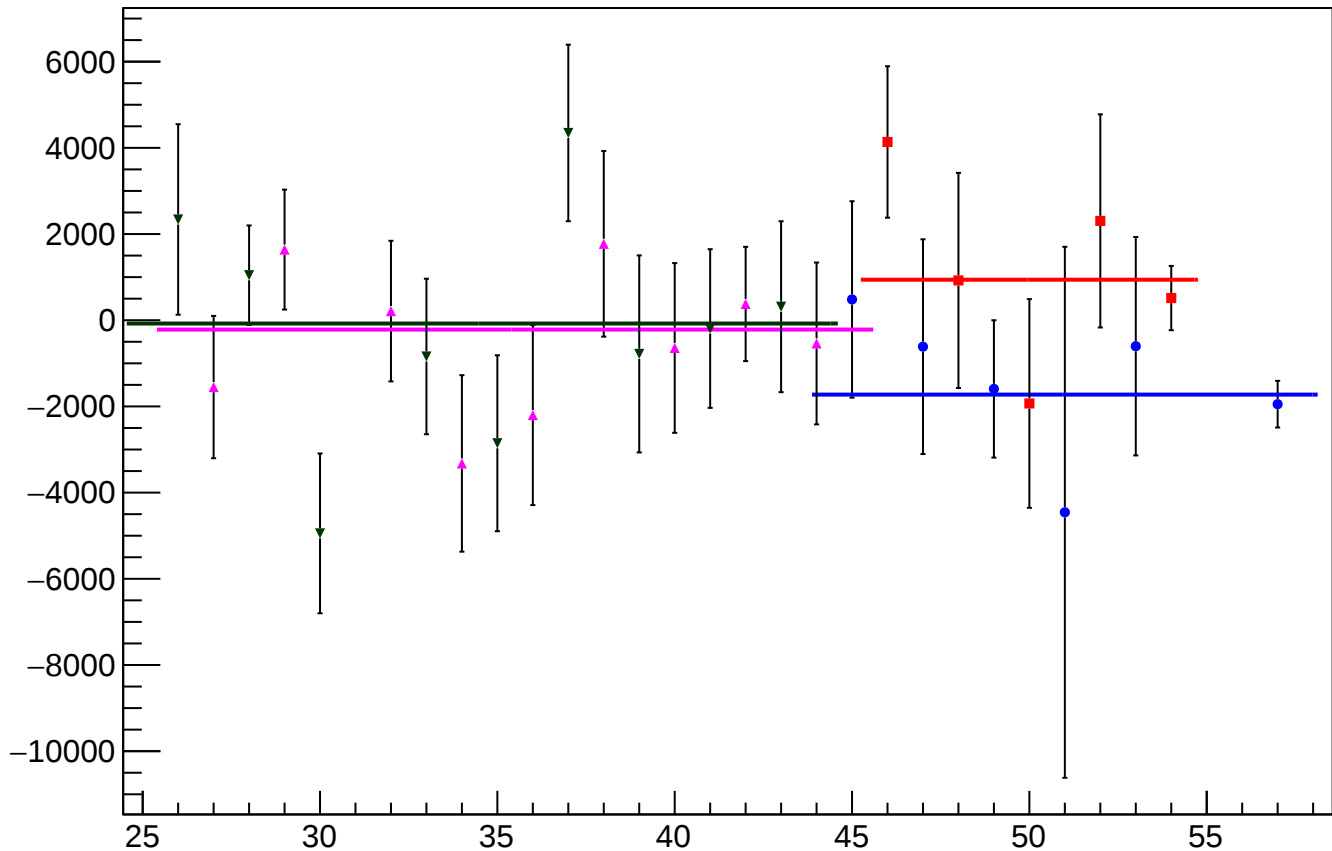
Right Out: 2211.434+/-1.024 χ^2/NDF : 92016.4/4

Left In: 1813.909+/-0.545 χ^2/NDF :121075.3/8

1902.143+/-0.478 χ^2/NDF : 453615.4/15

1901.687+/-0.481 χ^2/NDF : 330446.7/13

asym_sam1_mean vs slug



Right In: -1725.524 ± 479.707 χ^2/NDF : 1.7/5

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

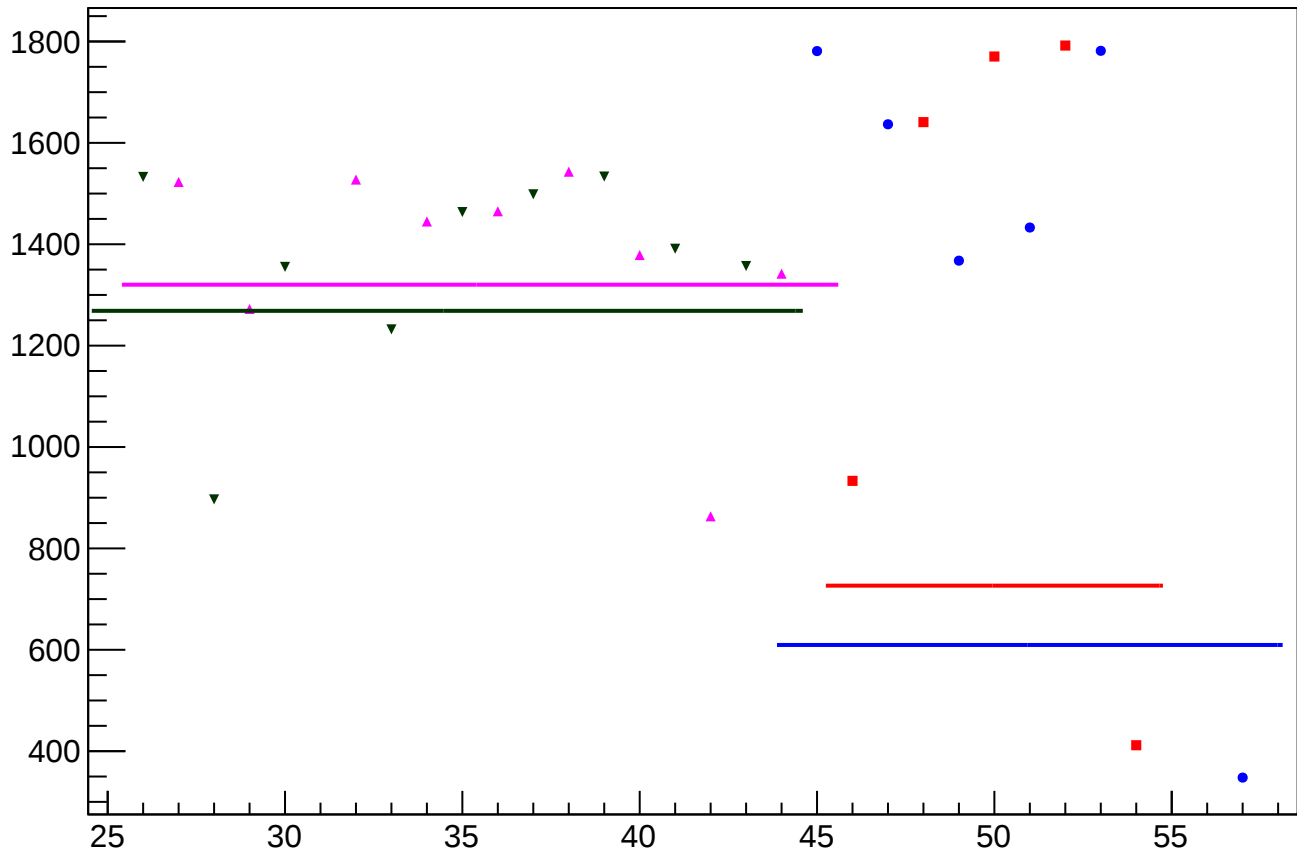
Right Out: 940.235 ± 618.236 χ^2/NDF : 5.3/4

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-1083.278 ± 374.826 χ^2/NDF : 22.2/14

317.166 ± 419.998 χ^2/NDF : 14.1/13

asym_sam1_rms vs slug



Right In: 609.531+/-0.339 χ^2/NDF : 2252539.6/5

Left Out: 1268.658+/-0.425 χ^2/NDF :324399.1/8

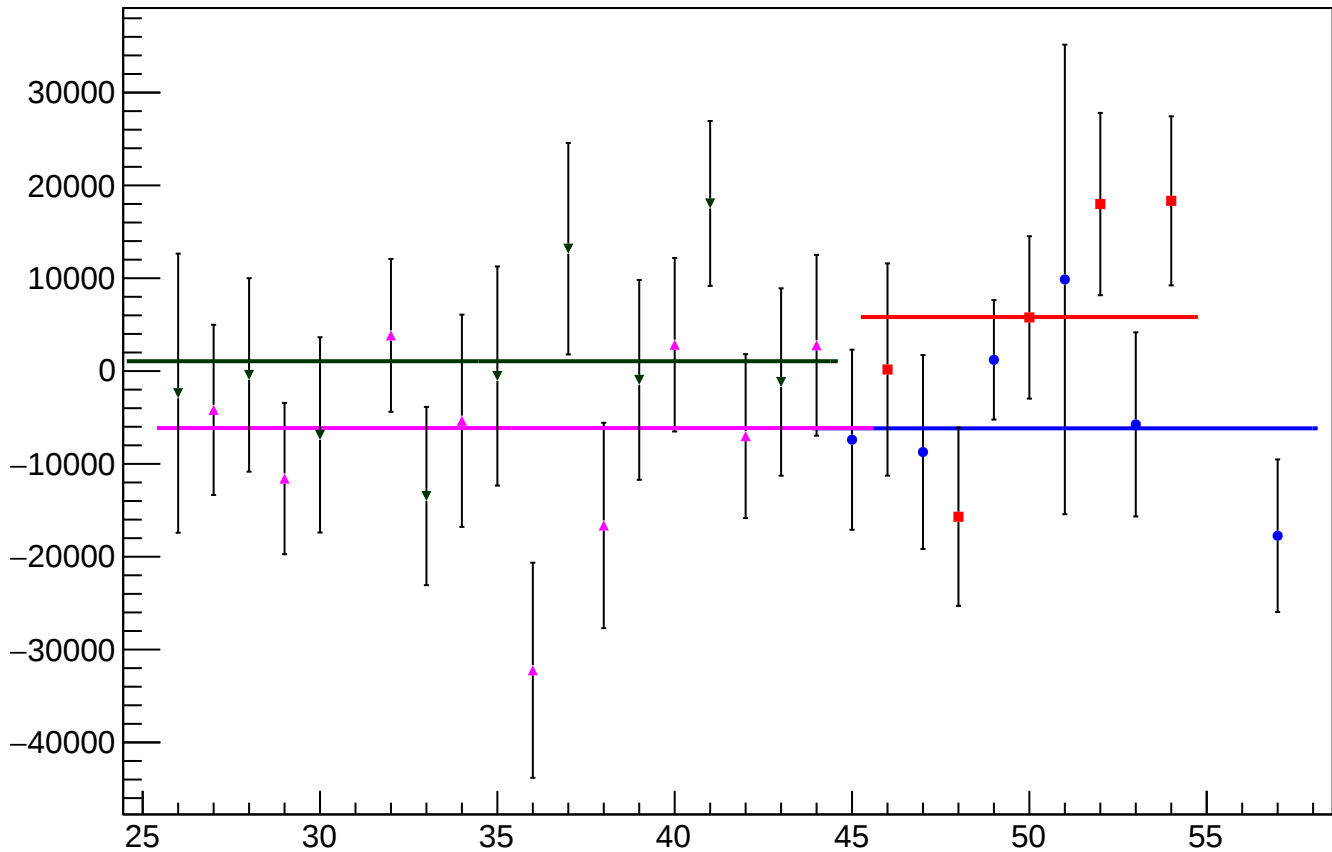
866.240+/-0.265 χ^2/NDF : 4047513.9/14

Right Out: 726.534+/-0.437 χ^2/NDF : 1395416.6/4

1046.226+/-0.297 χ^2/NDF : 2731320.6/13

Left In: 1320.223+/-0.405 χ^2/NDF :342759.8/8

asym_sam2_mean vs slug



Right In: -6168.271 ± 3766.285 $\chi^2/\text{NDF}: 3.8/5$

Left Out: 1060.376 ± 3545.636 $\chi^2/\text{NDF}: 7.8/8$

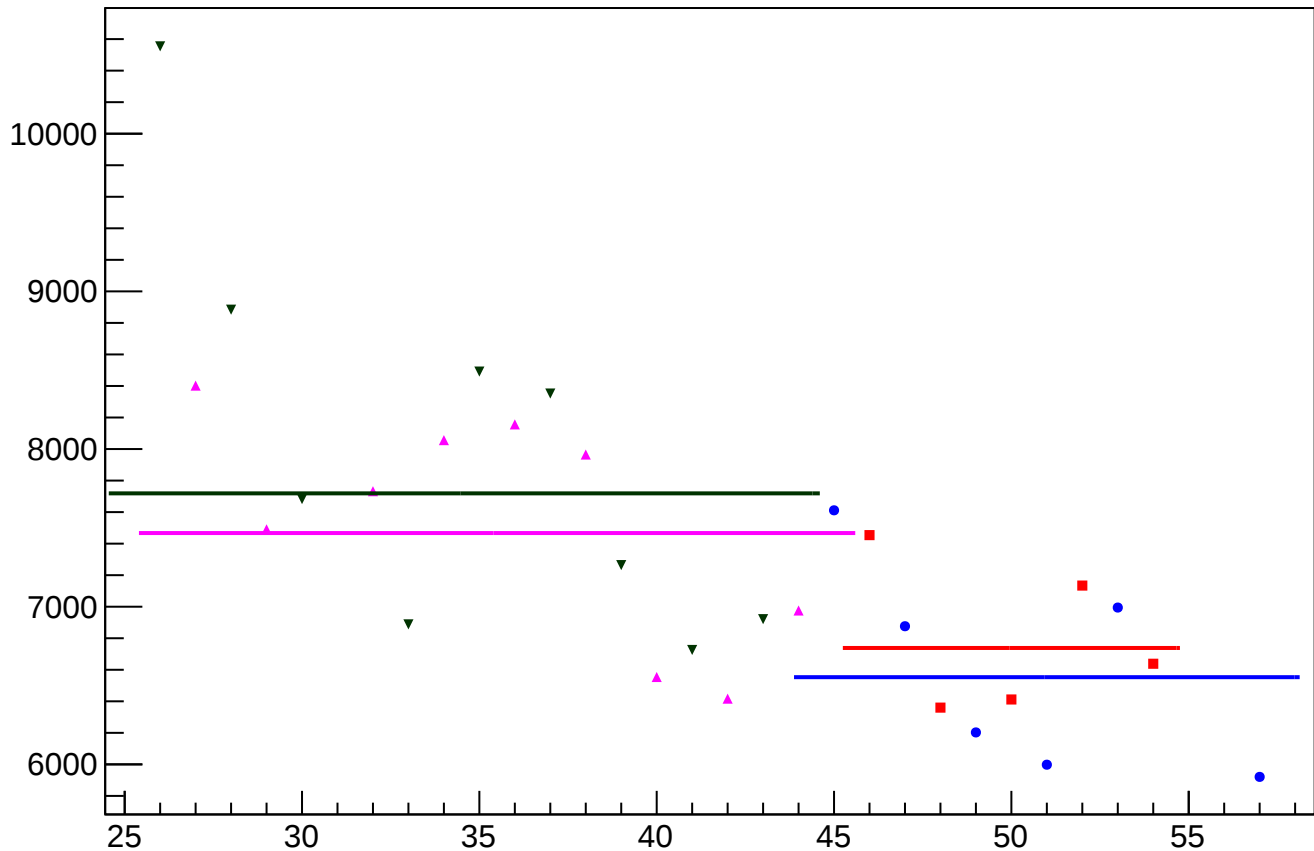
-2336.010 ± 2581.625 $\chi^2/\text{NDF}: 13.6/14$

Right Out: 5819.760 ± 4303.138 $\chi^2/\text{NDF}: 8.7/4$

-1938.585 ± 2549.716 $\chi^2/\text{NDF}: 23.4/13$

Left In: -6136.125 ± 3165.179 $\chi^2/\text{NDF}: 9.7/8$

asym_sam2_rms vs slug



Right In: 6553.089+/-2.663 χ^2/NDF : 48426.2/5

Left Out: 7718.910+/-2.507 χ^2/NDF :166985.2/8

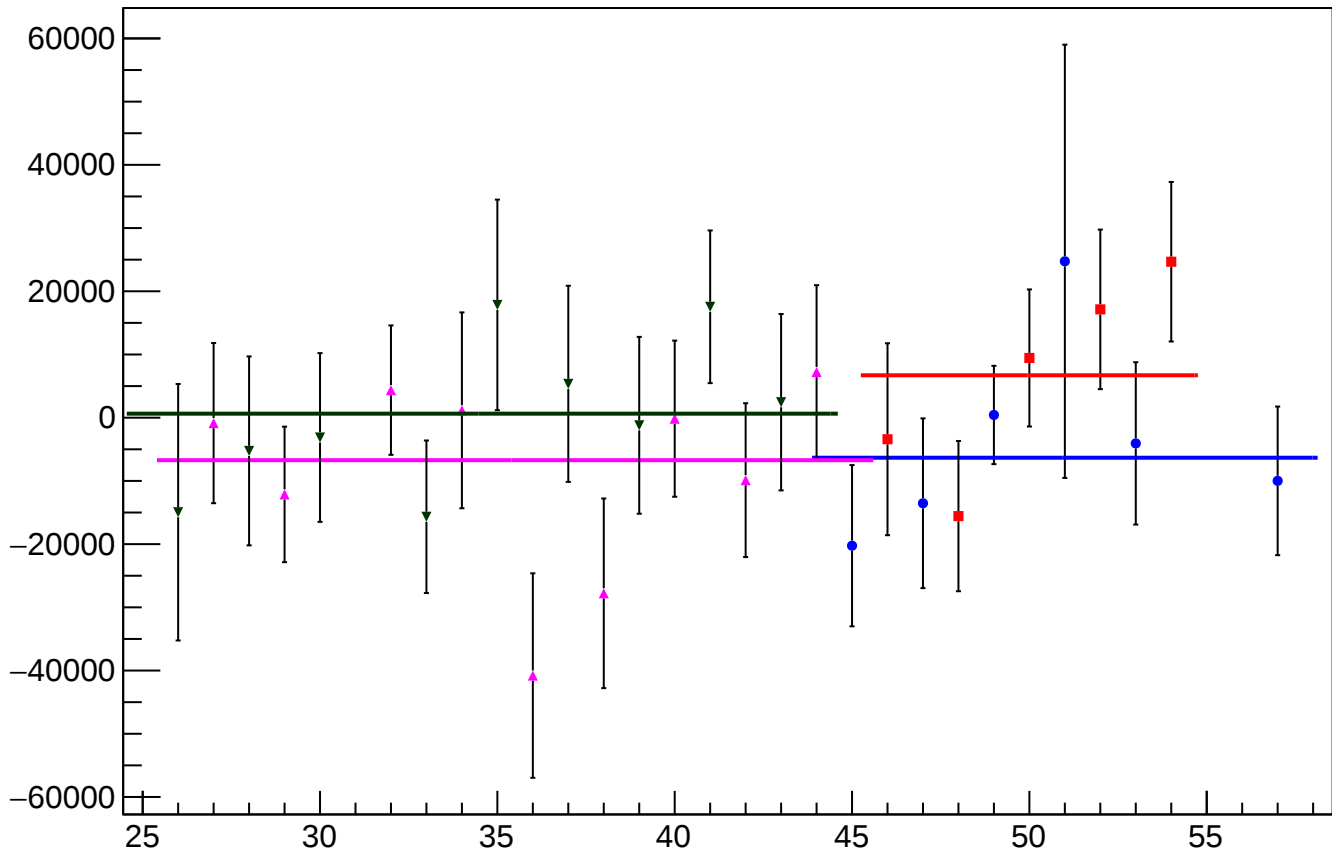
Right Out: 6738.328+/-3.043 χ^2/NDF : 17228.0/4

Left In: 7467.189+/-2.238 χ^2/NDF :91848.7/8

7171.148+/-1.825 χ^2/NDF : 317004.7/14

7211.296+/-1.803 χ^2/NDF : 146310.4/13

asym_sam3_mean vs slug



Right In: -6331.479 ± 4857.196 χ^2/NDF : 3.2/5

Left Out: 639.789 ± 4753.910 χ^2/NDF : 5.8/8

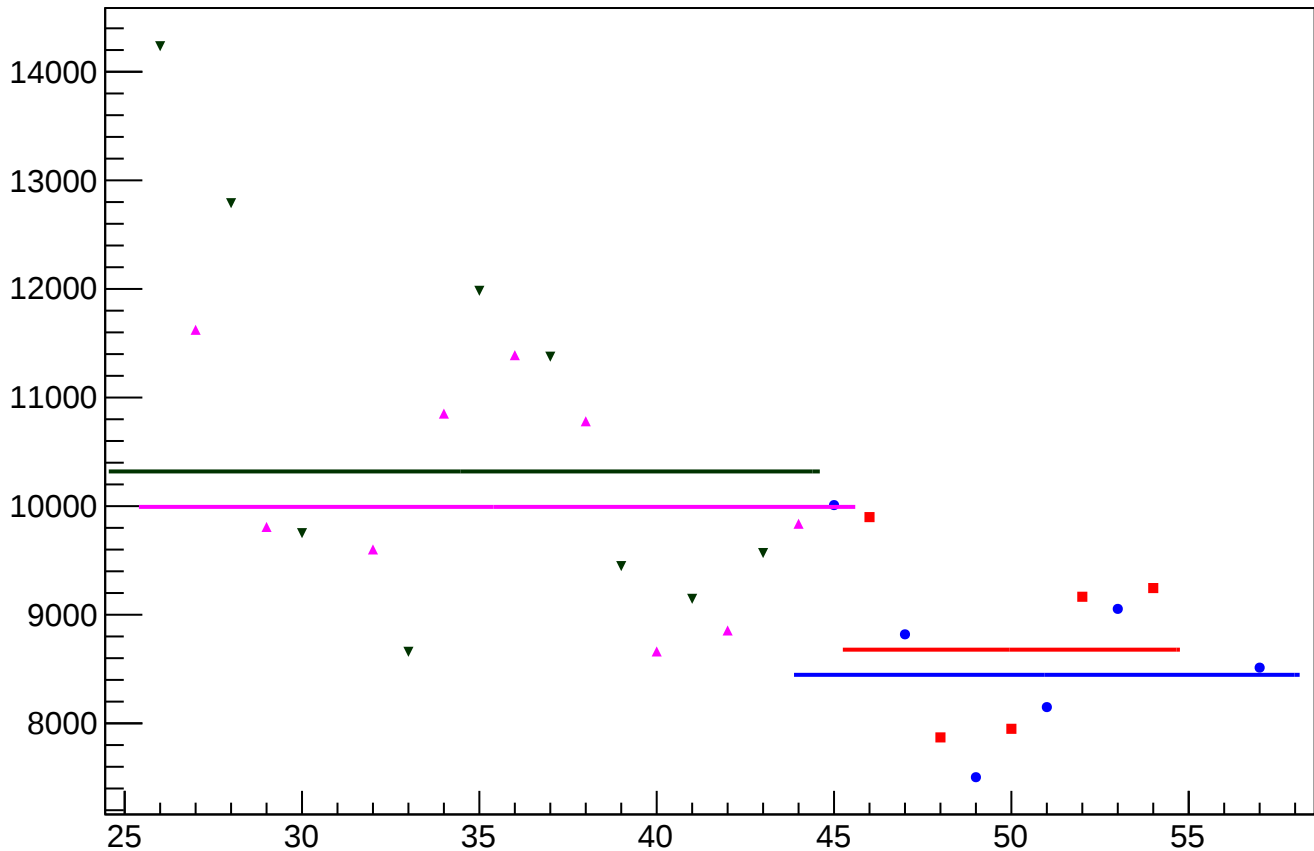
Right Out: 6709.729 ± 5547.917 χ^2/NDF : 6.7/4

Left In: -6721.702 ± 4244.047 χ^2/NDF : 9.7/8

-2770.937 ± 3397.450 χ^2/NDF : 10.0/14

-1763.317 ± 3370.846 χ^2/NDF : 20.1/13

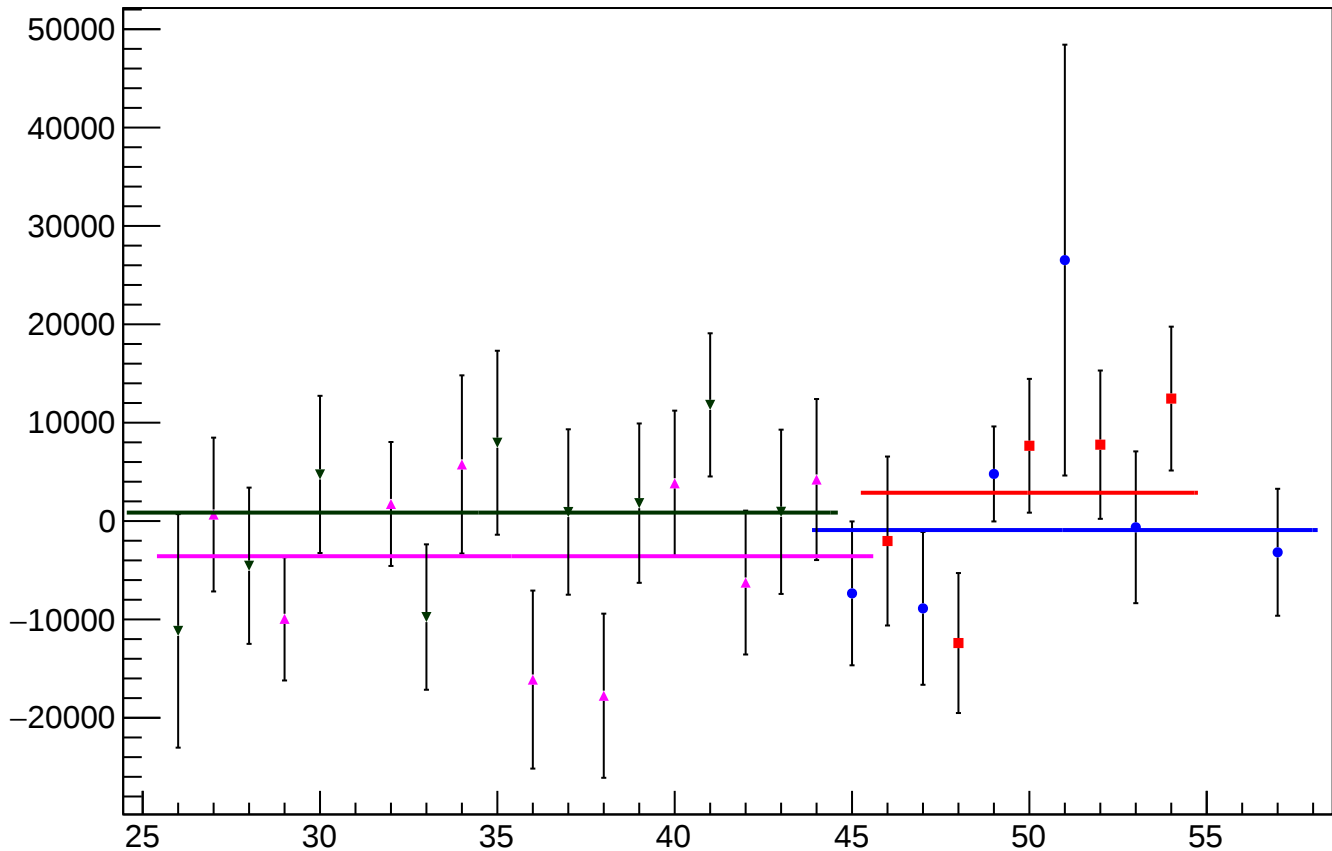
asym_sam3_rms vs slug



Right In: 8446.693+/-3.435 χ^2/NDF : 65666.7/5
 Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8
 Right Out: 8678.399+/-3.923 χ^2/NDF : 38233.2/4
 Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

9403.233+/-2.402 χ^2/NDF : 449804.9/14
 9507.771+/-2.384 χ^2/NDF : 213296.7/13

asym_sam4_mean vs slug



Right In: -914.777 ± 2873.972 $\chi^2/\text{NDF}: 4.9/5$

Left Out: 860.253 ± 2763.123 $\chi^2/\text{NDF}: 6.6/8$

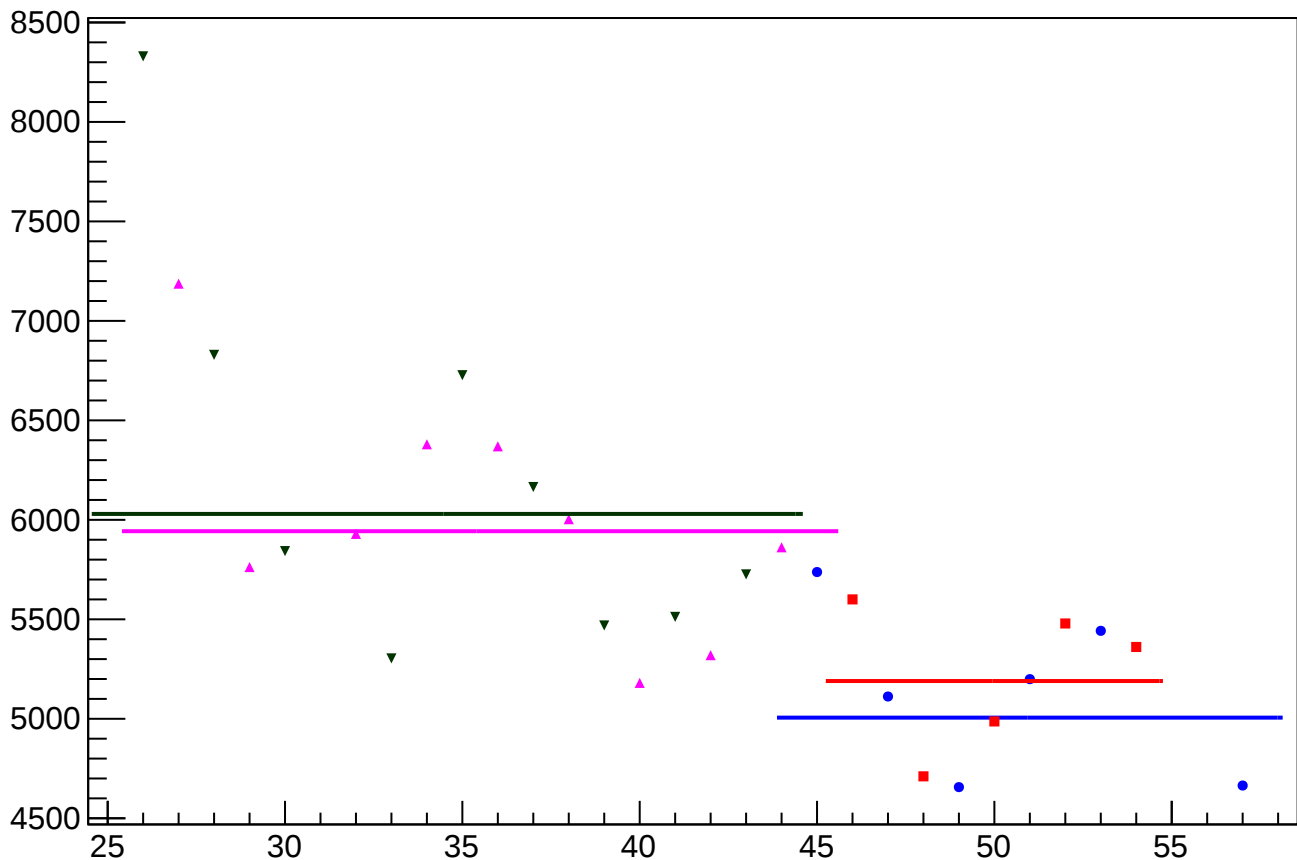
7.629 ± 1991.858 $\chi^2/\text{NDF}: 11.8/14$

Right Out: 2877.157 ± 3310.648 $\chi^2/\text{NDF}: 7.6/4$

Left In: -3574.359 ± 2517.724 $\chi^2/\text{NDF}: 10.0/8$

-1210.351 ± 2004.040 $\chi^2/\text{NDF}: 19.9/13$

asym_sam4_rms vs slug



Right In: 5005.850 ± 2.032 χ^2/NDF : 43010.7/5

Left Out: 6029.703 ± 1.954 χ^2/NDF : 149738.9/8

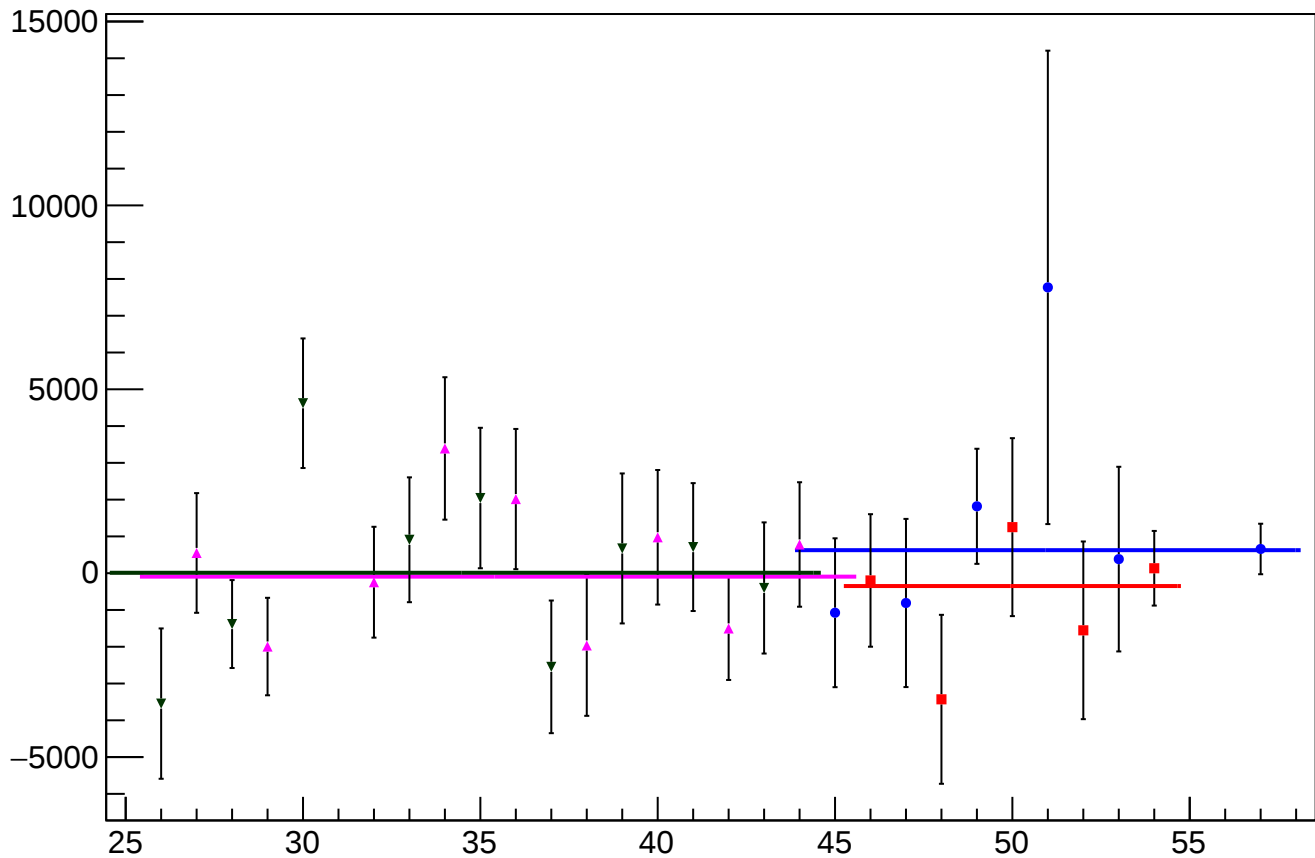
Right Out: 5189.852 ± 2.341 χ^2/NDF : 19456.8/4

Left In: 5942.884 ± 1.780 χ^2/NDF : 97554.3/8

5537.902 ± 1.408 χ^2/NDF : 324653.3/14

5666.953 ± 1.417 χ^2/NDF : 182569.4/13

asym_sam5_mean vs slug



Right In: 625.670+/-563.666 χ^2/NDF : 2.9/5

Left Out: 11.403+/-570.182 χ^2/NDF : 15.0/8

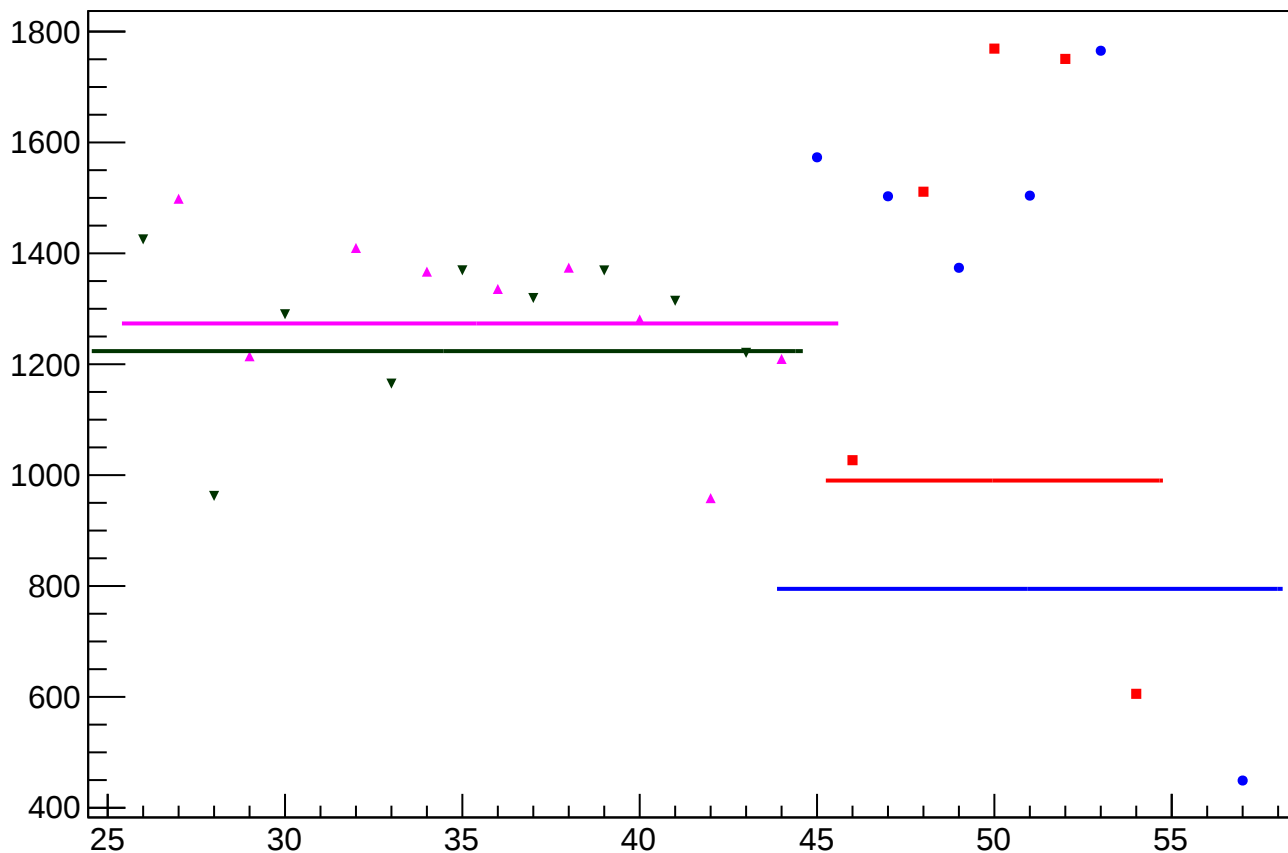
Right Out: -349.580+/-743.130 χ^2/NDF : 2.7/4

Left In: -93.953+/-545.533 χ^2/NDF : 9.3/8

322.066+/-400.856 χ^2/NDF : 18.5/14

-183.470+/-439.759 χ^2/NDF : 12.1/13

asym_sam5_rms vs slug



Right In: 794.874+/-0.399 χ^2/NDF : 1591567.3/5

Left Out: 1223.657+/-0.403 χ^2/NDF :153036.7/8

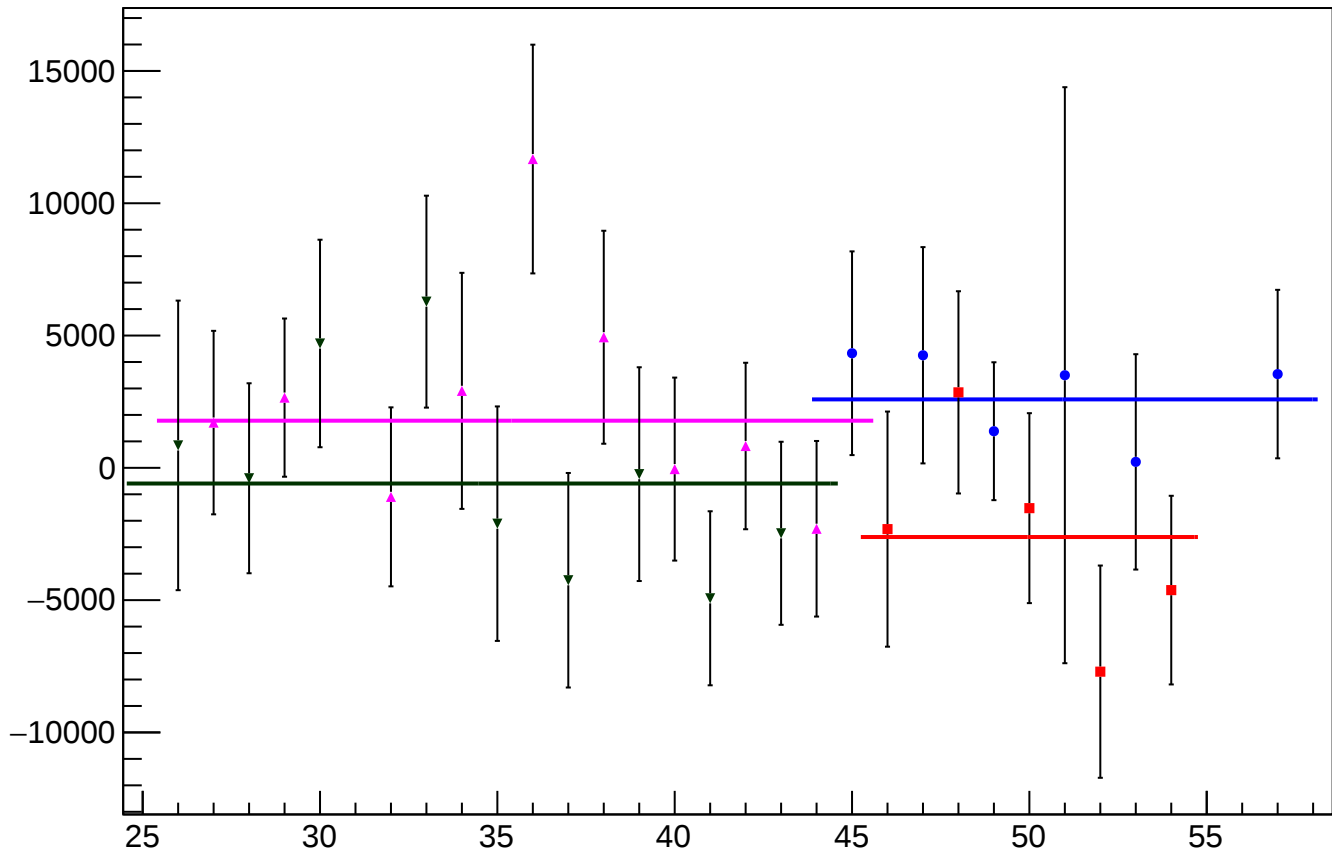
Right Out: 990.227+/-0.525 χ^2/NDF : 796606.1/4

Left In: 1273.541+/-0.386 χ^2/NDF :174992.2/8

1006.802+/-0.283 χ^2/NDF : 2316625.9/14

1174.328+/-0.311 χ^2/NDF : 1160494.4/13

asym_sam6_mean vs slug



Right In: 2586.745 $\pm$ 1503.940 χ^2 /NDF: 1.0/5

Left Out: -592.543 $\pm$ 1304.748 χ^2 /NDF: 7.8/8

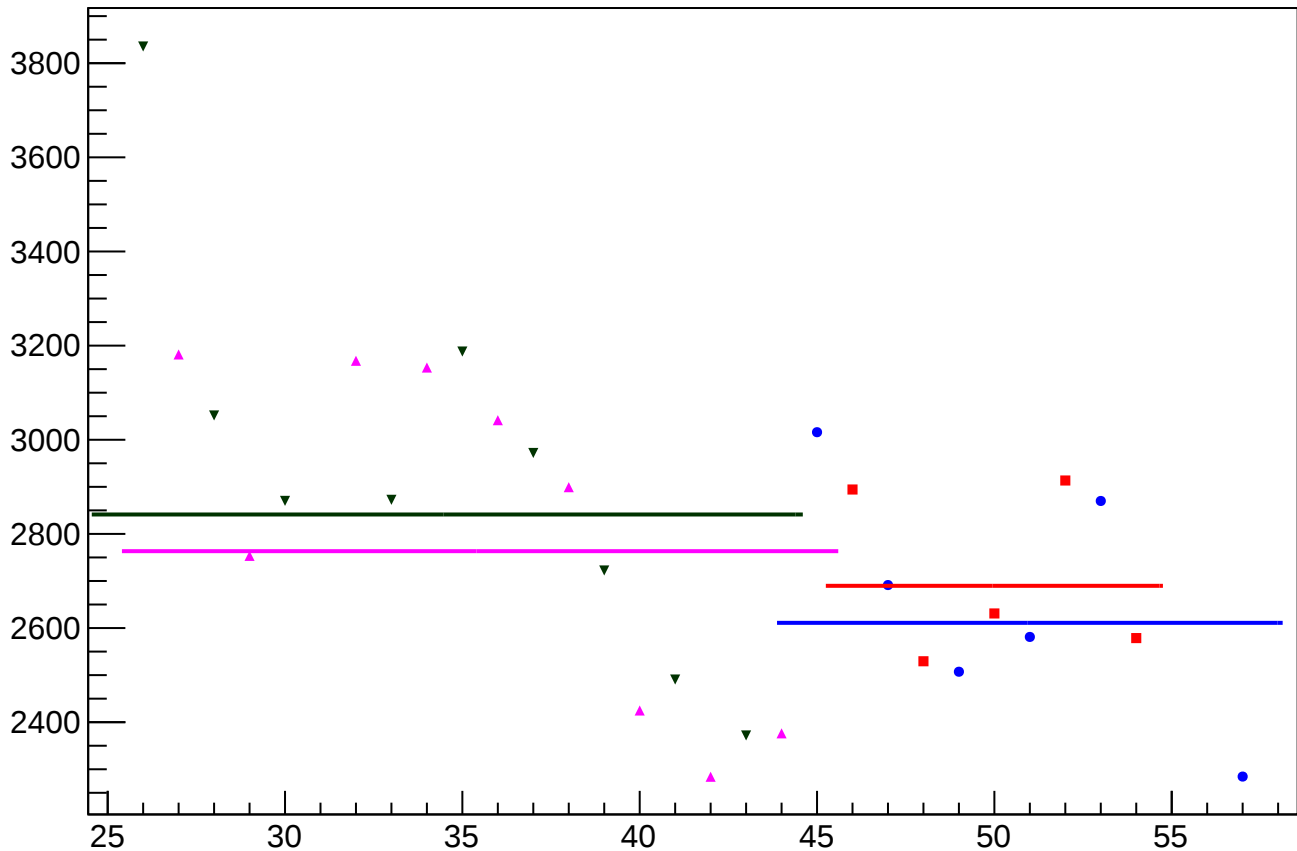
Right Out: -2614.721 $\pm$ 1721.198 χ^2 /NDF: 4.1/4

Left In: 1782.022 $\pm$ 1175.711 χ^2 /NDF: 8.6/8

772.754 $\pm$ 985.551 χ^2 /NDF: 11.4/14

383.206 $\pm$ 970.835 χ^2 /NDF: 17.1/13

asym_sam6_rms vs slug



Right In: 2611.079+/-1.063 χ^2/NDF : 55242.1/5

Left Out: 2841.264+/-0.923 χ^2/NDF :148700.6/8

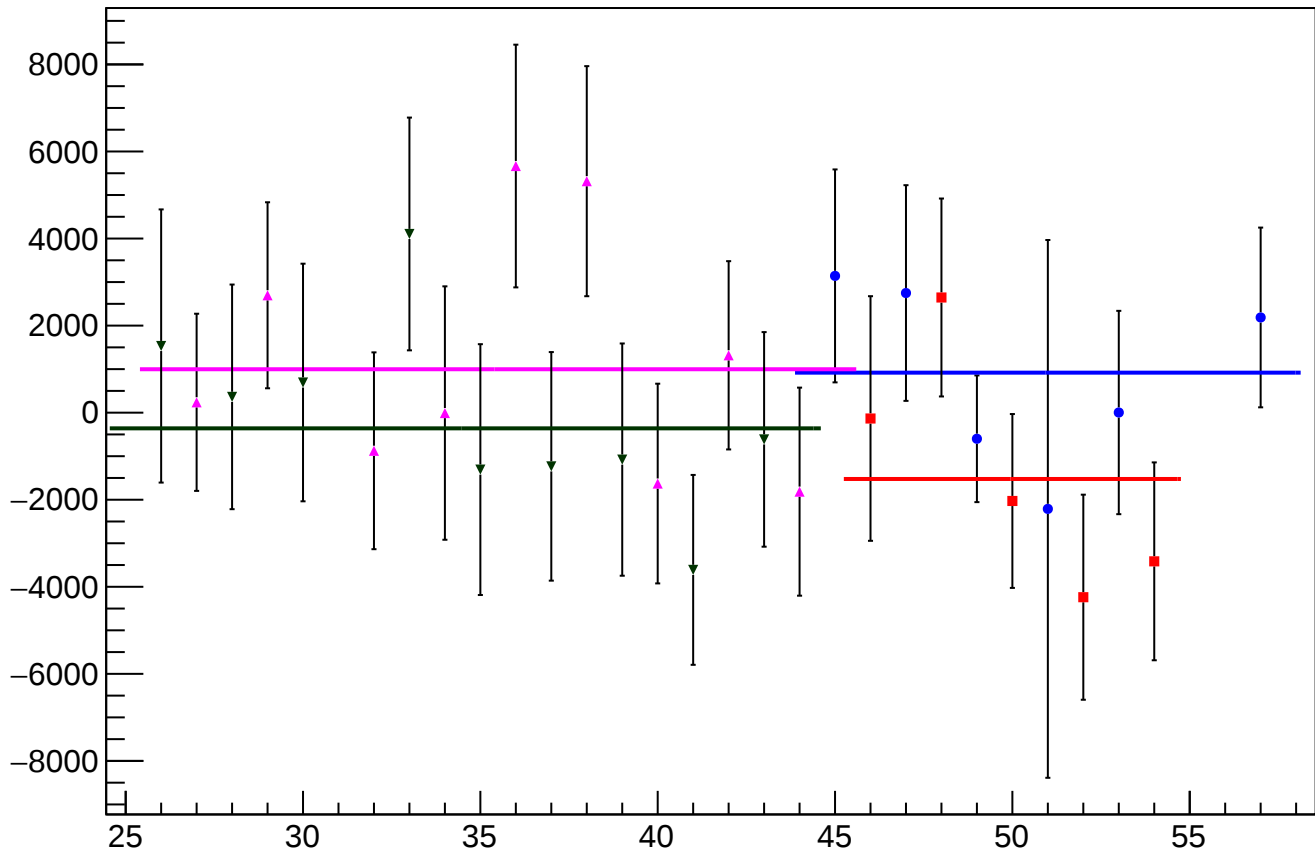
2742.415+/-0.697 χ^2/NDF : 230674.5/14

Right Out: 2689.733+/-1.217 χ^2/NDF : 16455.3/4

2739.917+/-0.686 χ^2/NDF : 195254.6/13

Left In: 2763.332+/-0.831 χ^2/NDF :176305.8/8

asym_sam7_mean vs slug



Right In: 919.231 ± 895.732 χ^2/NDF : 3.2/5

Left Out: -360.260 ± 874.765 χ^2/NDF : 5.9/8

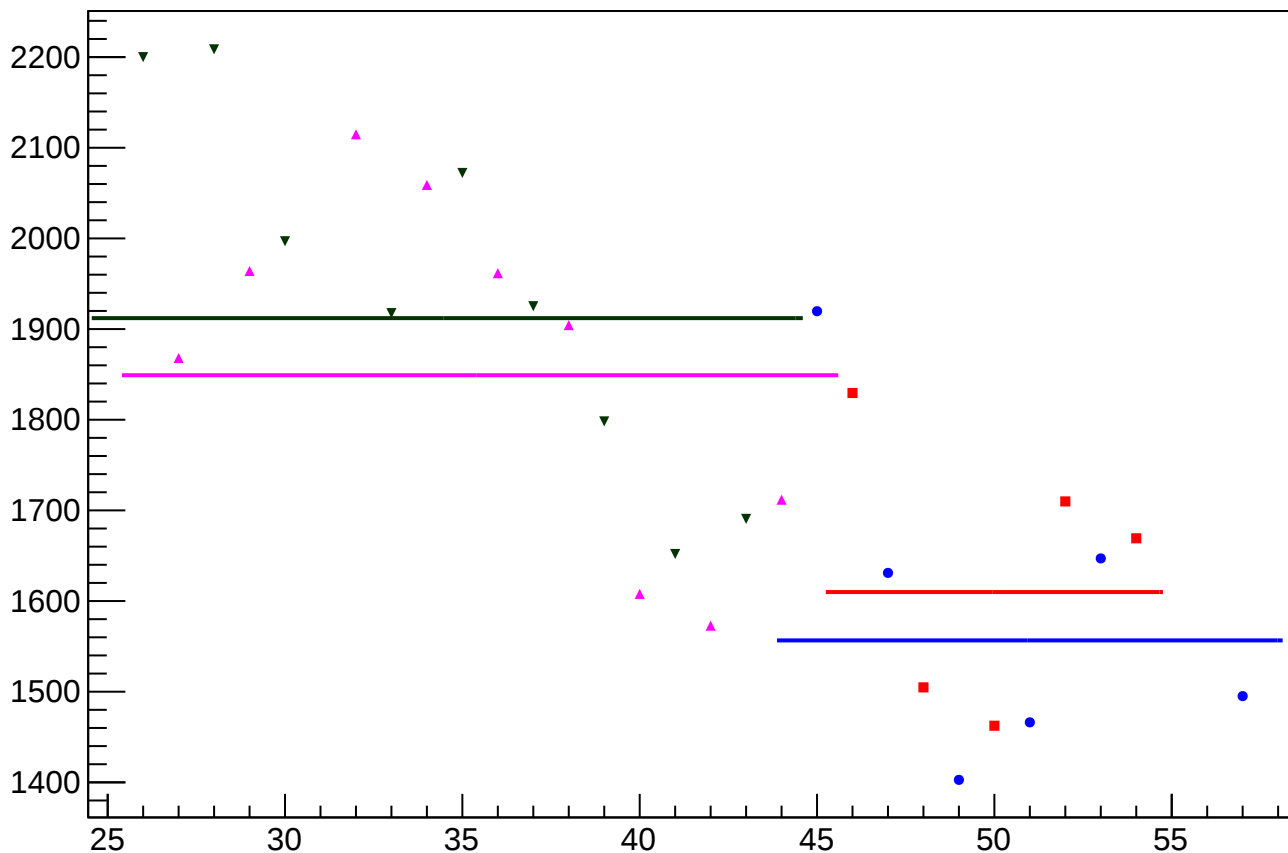
Right Out: -1523.361 ± 1028.850 χ^2/NDF : 5.7/4

Left In: 997.468 ± 784.441 χ^2/NDF : 9.8/8

264.335 ± 625.833 χ^2/NDF : 10.2/14

70.767 ± 623.807 χ^2/NDF : 19.3/13

asym_sam7_rms vs slug



Right In: 1556.578+/-0.633 χ^2/NDF : 73432.4/5

Left Out: 1912.062+/-0.619 χ^2/NDF : 99663.2/8

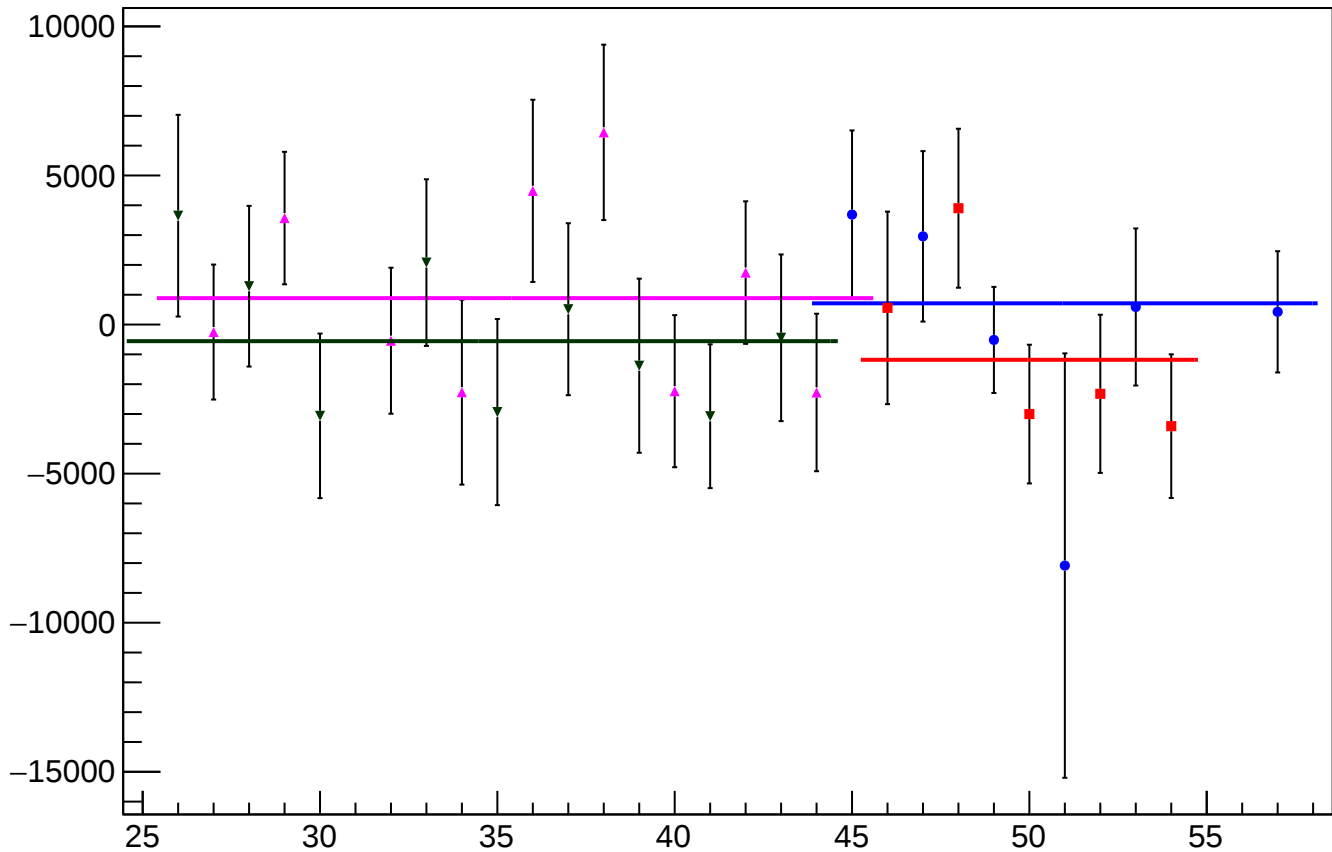
Right Out: 1609.916+/-0.728 χ^2/NDF : 32361.6/4

Left In: 1849.099+/-0.555 χ^2/NDF : 109500.6/8

1738.530+/-0.443 χ^2/NDF : 334326.7/14

1761.171+/-0.441 χ^2/NDF : 210216.7/13

asym_sam8_mean vs slug



Right In: 711.948+/-1015.660 χ^2/NDF : 3.8/5

Left Out: -557.273+/-942.969 χ^2/NDF : 5.6/8

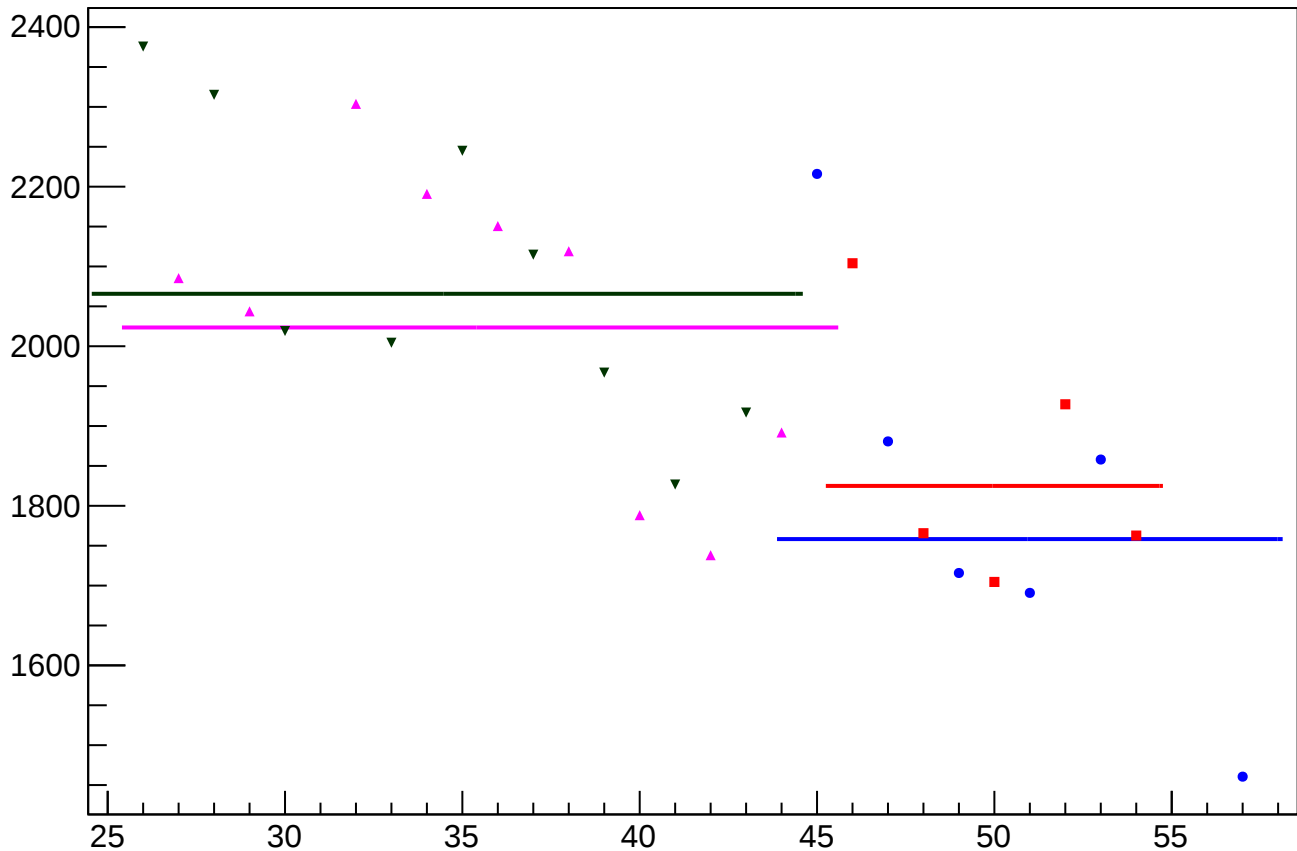
Right Out: -1181.579+/-1165.696 χ^2/NDF : 5.6/4

Left In: 886.158+/-856.437 χ^2/NDF : 11.1/8

30.297+/-691.050 χ^2/NDF : 10.2/14

161.295+/-690.185 χ^2/NDF : 18.7/13

asym_sam8_rms vs slug



Right In: 1758.295+/-0.718 χ^2/NDF : 103315.7/5

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

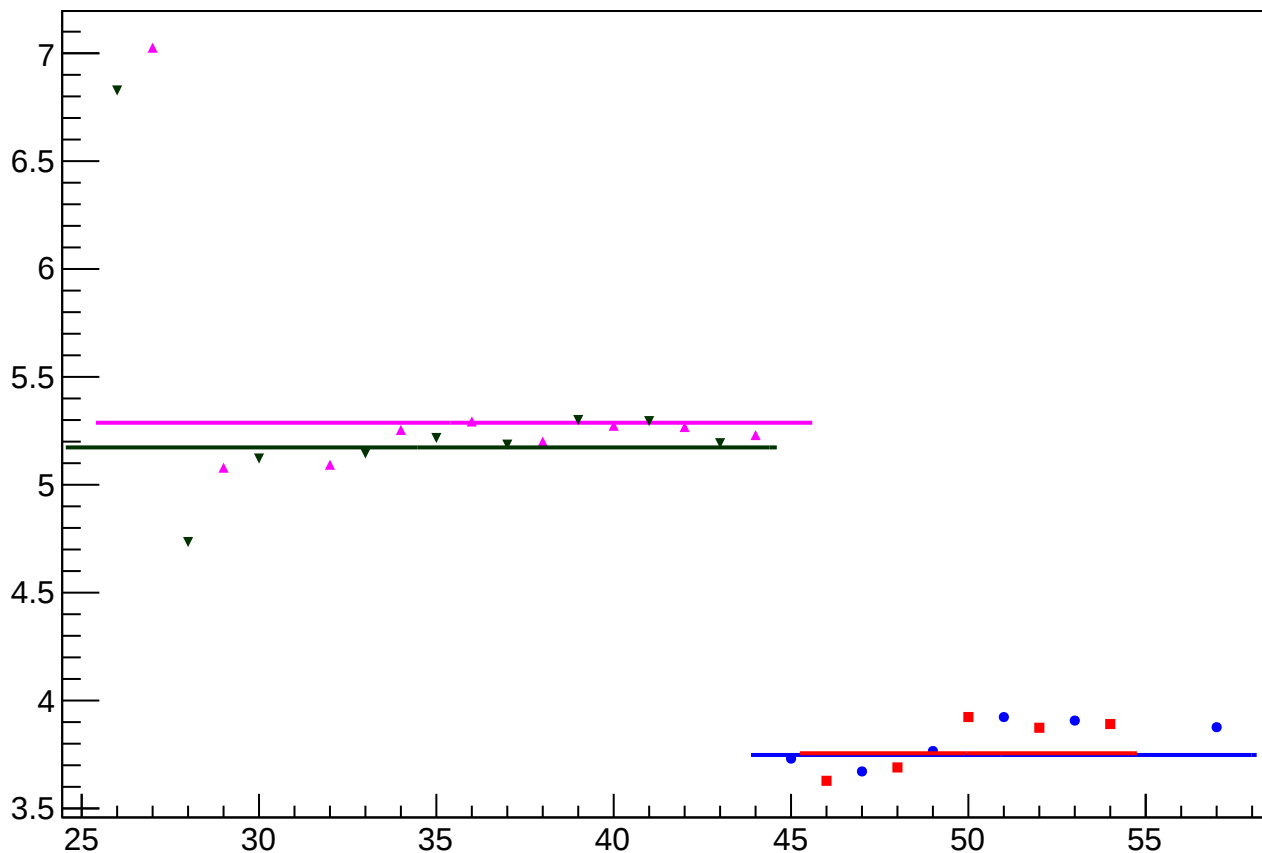
Right Out: 1824.941+/-0.824 χ^2/NDF : 25595.7/4

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

1923.407+/-0.489 χ^2/NDF : 271963.5/14

1953.906+/-0.488 χ^2/NDF : 153064.3/13

yield_sam1_mean vs slug



Right In: 3.748+/-0.000 χ^2/NDF : 40651024.0/5

Left Out: 5.173+/-0.000 χ^2/NDF : 2171929405.9/8

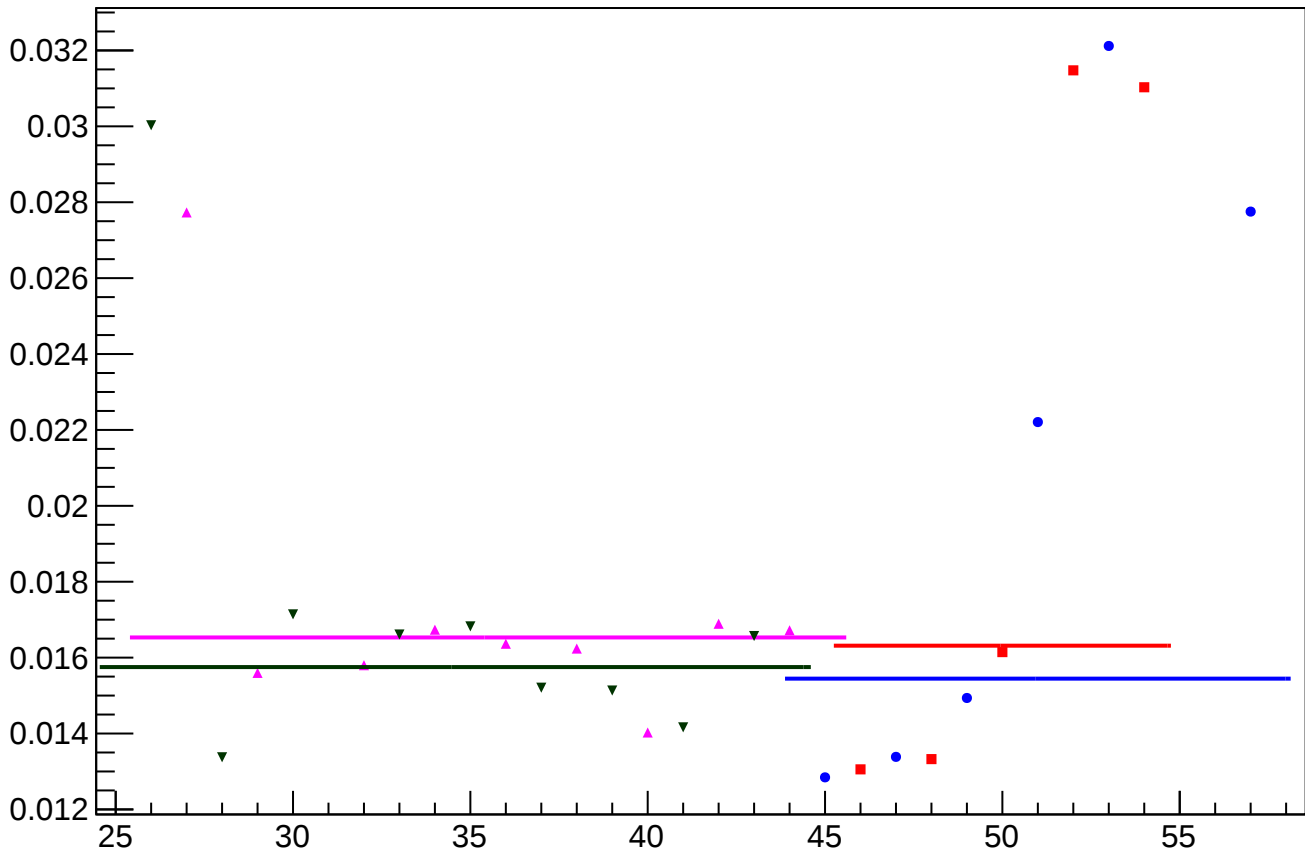
Right Out: 3.756+/-0.000 χ^2/NDF : 117923901.1/4

Left In: 5.287+/-0.000 χ^2/NDF : 3281292278.3/8

4.635+/-0.000 χ^2/NDF : 15837919952.9/14

4.851+/-0.000 χ^2/NDF : 16140951566.6/13

yield_sam1_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 519443.5/5

Left Out: 0.016+/-0.000 χ^2/NDF : 285999.2/8

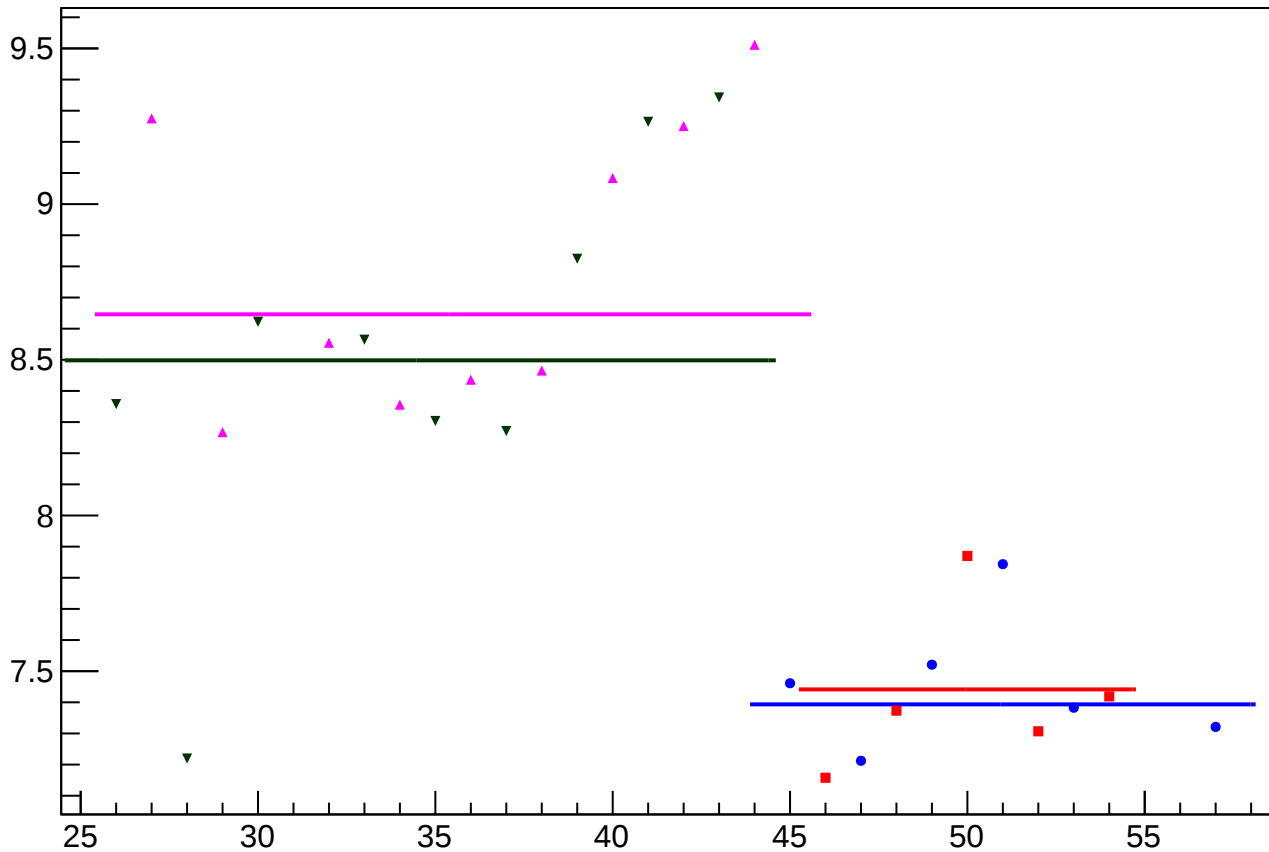
Right Out: 0.016+/-0.000 χ^2/NDF : 536956.4/4

Left In: 0.017+/-0.000 χ^2/NDF : 288823.4/8

0.016+/-0.000 χ^2/NDF : 806689.5/14

0.016+/-0.000 χ^2/NDF : 826290.5/13

yield_sam2_mean vs slug



Right In: 7.393+/-0.000 χ^2/NDF : 3230278.5/5

Left Out: 8.498+/-0.000 χ^2/NDF : 85994294.5/8

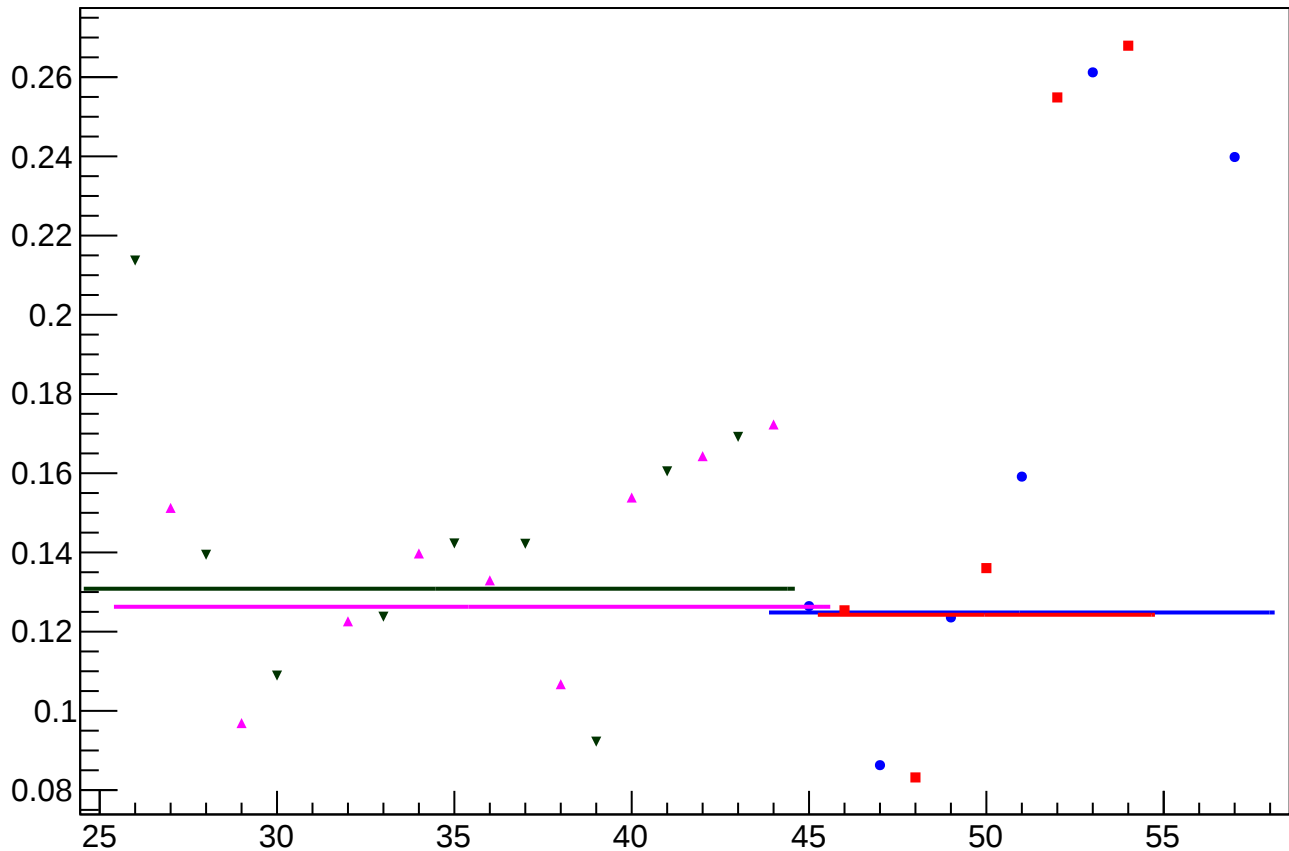
Right Out: 7.442+/-0.000 χ^2/NDF : 7516897.7/4

Left In: 8.646+/-0.000 χ^2/NDF : 53836286.5/8

8.068+/-0.000 χ^2/NDF : 209545886.2/14

8.305+/-0.000 χ^2/NDF : 192717580.6/13

yield_sam2_rms vs slug



Right In: 0.125+/-0.000 χ^2/NDF : 659488.6/5

Left Out: 0.131+/-0.000 χ^2/NDF : 435345.2/8

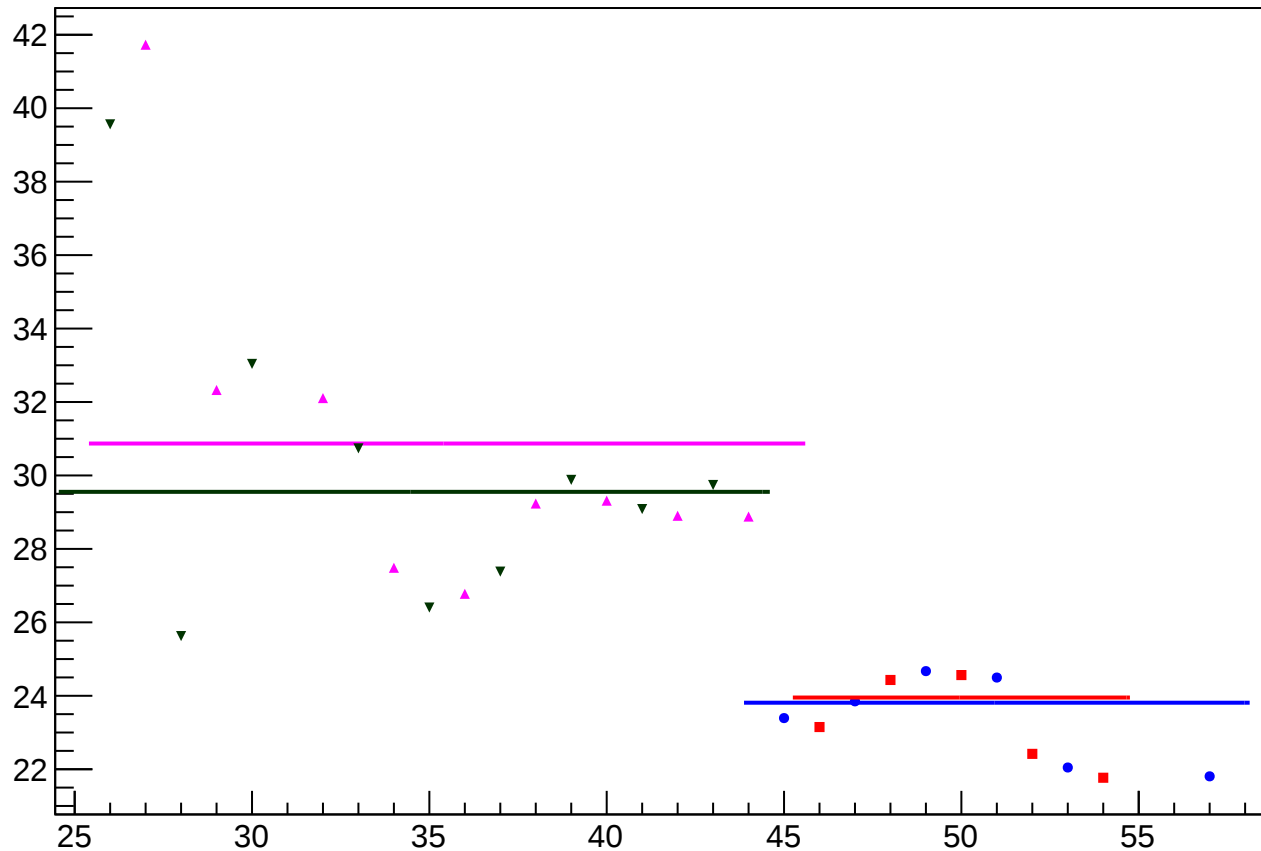
Right Out: 0.124+/-0.000 χ^2/NDF : 775146.2/4

Left In: 0.126+/-0.000 χ^2/NDF : 385323.8/8

0.129+/-0.000 χ^2/NDF : 1101931.8/14

0.126+/-0.000 χ^2/NDF : 1161204.0/13

yield_sam3_mean vs slug



Right In: 23.812+/-0.000 χ^2/NDF : 6028698.9/5

Left Out: 29.554+/-0.000 χ^2/NDF :93160989.6/8

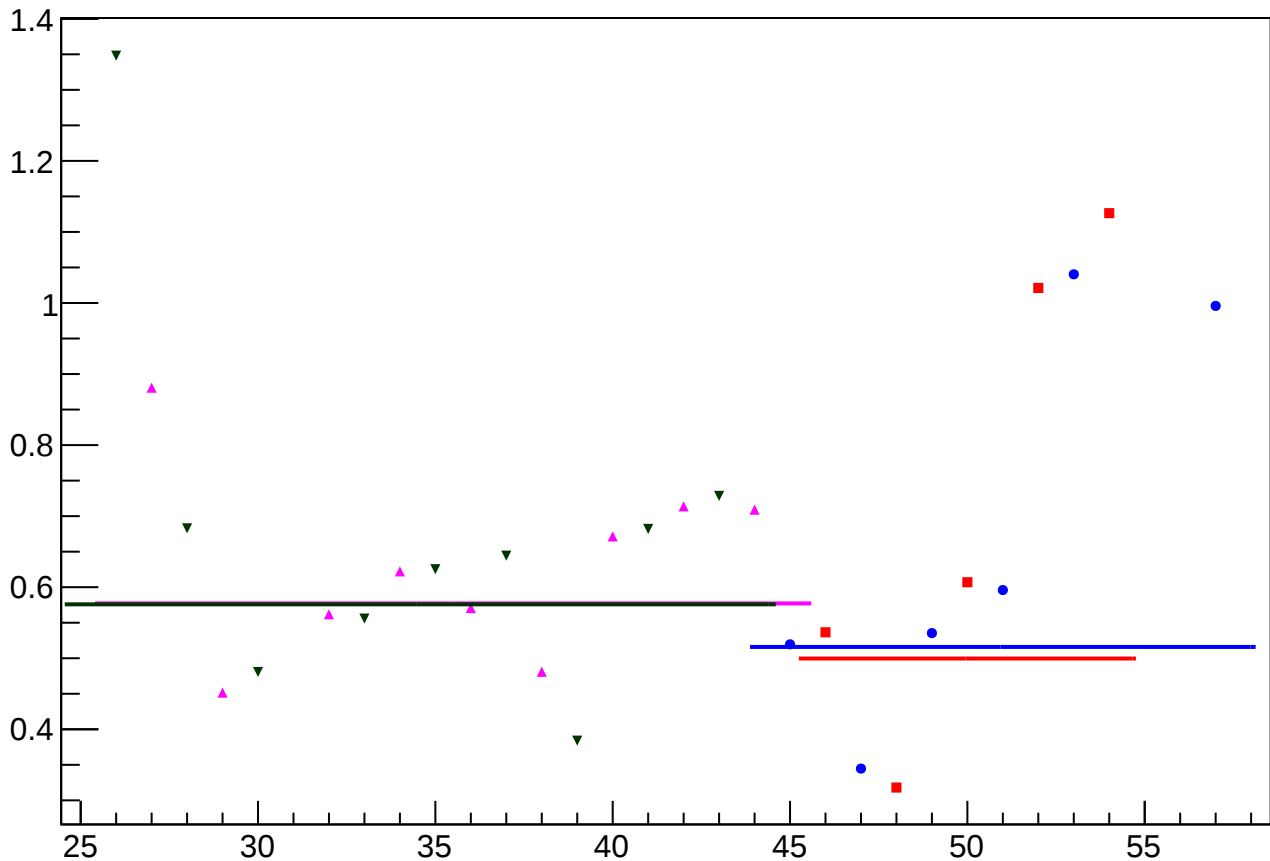
Right Out: 23.953+/-0.000 χ^2/NDF : 5386767.3/4

Left In: 30.869+/-0.000 χ^2/NDF :179538741.3/8

27.119+/-0.000 χ^2/NDF : 275985097.3/14

28.577+/-0.000 χ^2/NDF : 423443193.7/13

yield_sam3_rms vs slug



Right In: 0.516+/-0.000 χ^2/NDF : 676950.3/5

Left Out: 0.576+/-0.000 χ^2/NDF : 671672.2/8

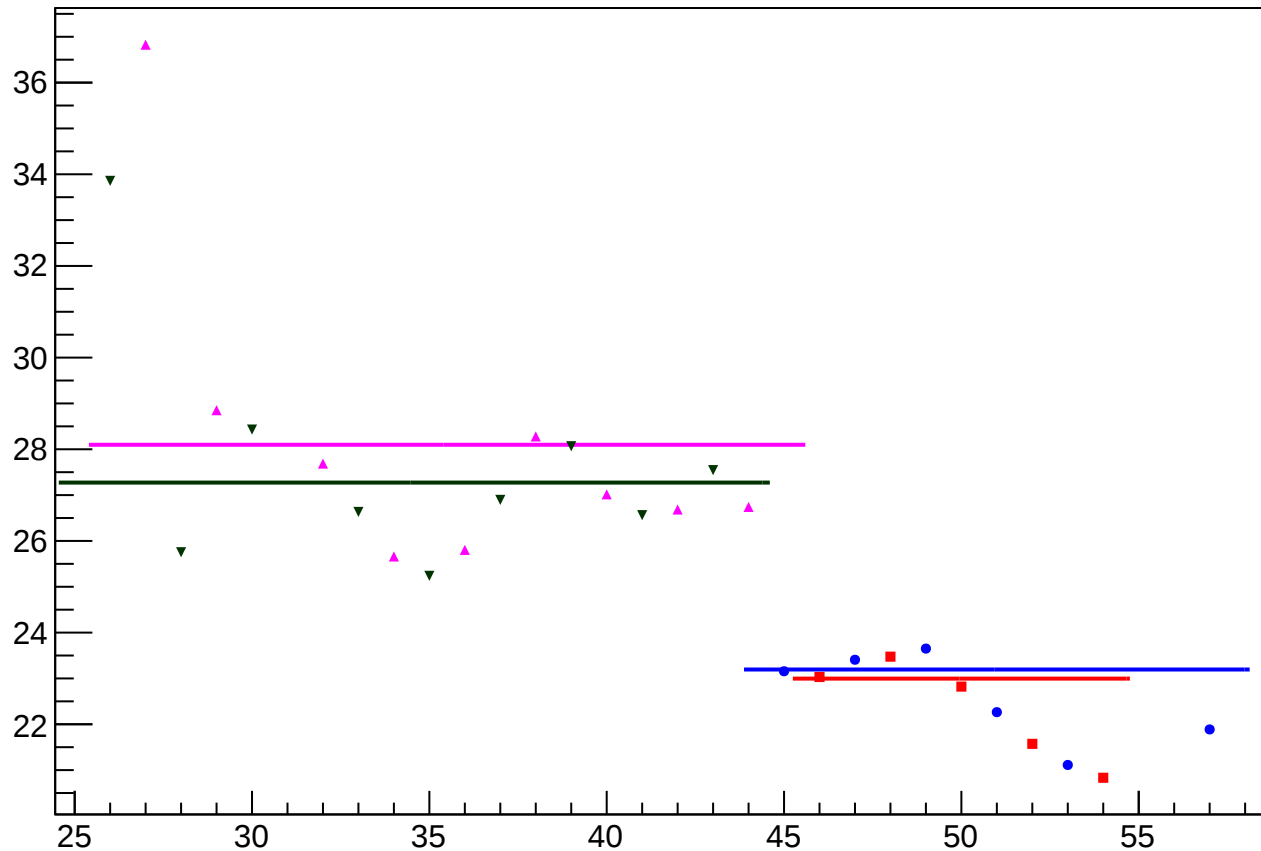
Right Out: 0.500+/-0.000 χ^2/NDF : 888989.8/4

Left In: 0.577+/-0.000 χ^2/NDF : 428925.6/8

0.550+/-0.000 χ^2/NDF : 1387183.0/14

0.551+/-0.000 χ^2/NDF : 1377927.9/13

yield_sam4_mean vs slug



Right In: 23.195+/-0.000 χ^2/NDF : 11860947.9/5

Left Out: 27.273+/-0.000 χ^2/NDF : 91783516.1/8

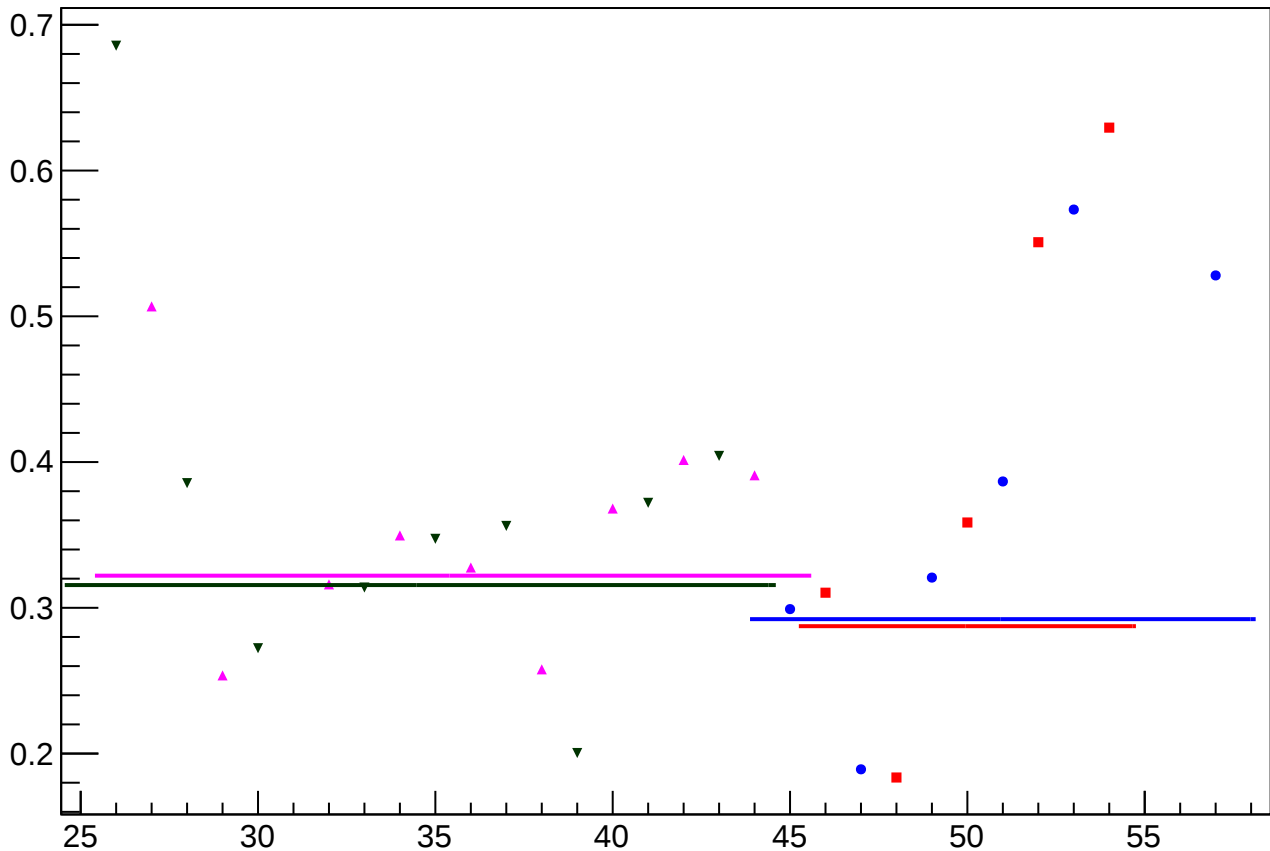
Right Out: 22.996+/-0.000 χ^2/NDF : 12481230.4/4

Left In: 28.098+/-0.000 χ^2/NDF : 296123459.5/8

25.625+/-0.000 χ^2/NDF : 389697161.8/14

26.470+/-0.000 χ^2/NDF : 710948733.6/13

yield_sam4_rms vs slug



Right In: 0.292+/-0.000 χ^2/NDF : 686682.8/5

Left Out: 0.316+/-0.000 χ^2/NDF : 711532.8/8

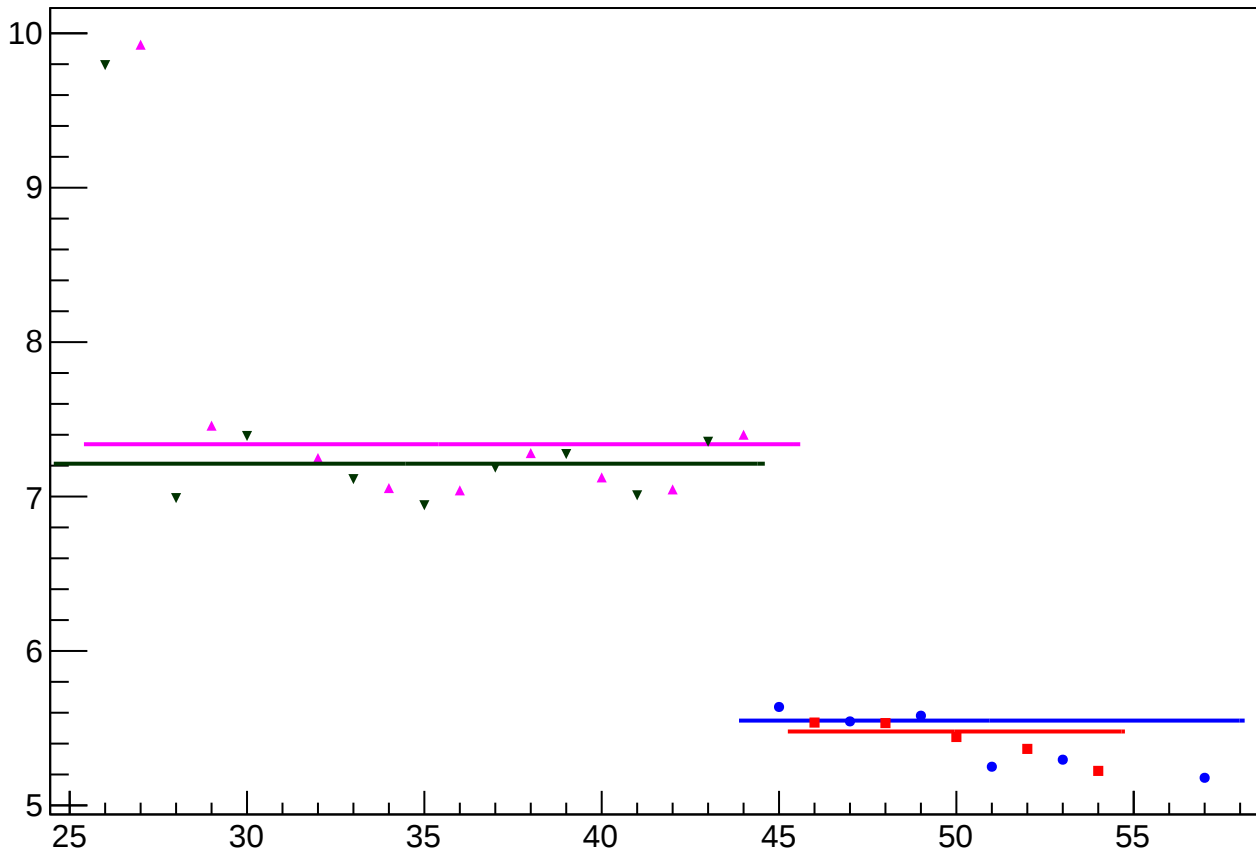
Right Out: 0.287+/-0.000 χ^2/NDF : 844921.7/4

Left In: 0.322+/-0.000 χ^2/NDF : 461575.4/8

0.306+/-0.000 χ^2/NDF : 1417030.8/14

0.311+/-0.000 χ^2/NDF : 1343628.1/13

yield_sam5_mean vs slug



Right In: 5.549+/-0.000 χ^2/NDF : 95538727.6/5

Left Out: 7.213+/-0.000 χ^2/NDF : 2427551863.7/8

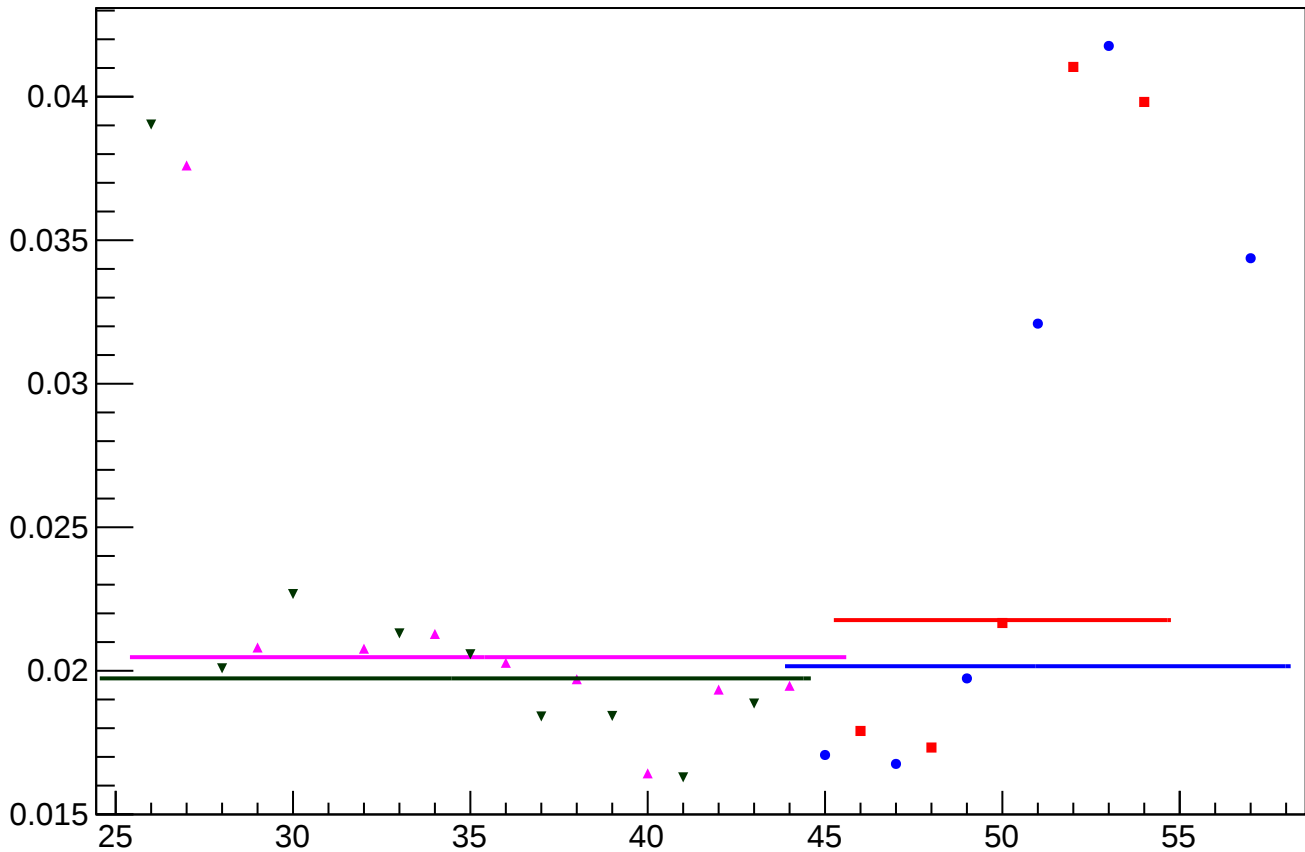
Right Out: 5.478+/-0.000 χ^2/NDF : 33228423.3/4

Left In: 7.339+/-0.000 χ^2/NDF : 4002199265.2/8

6.620+/-0.000 χ^2/NDF : 13752442274.5/14

6.860+/-0.000 χ^2/NDF : 15012316408.4/13

yield_sam5_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 498763.2/5

Left Out: 0.020+/-0.000 χ^2/NDF : 320845.5/8

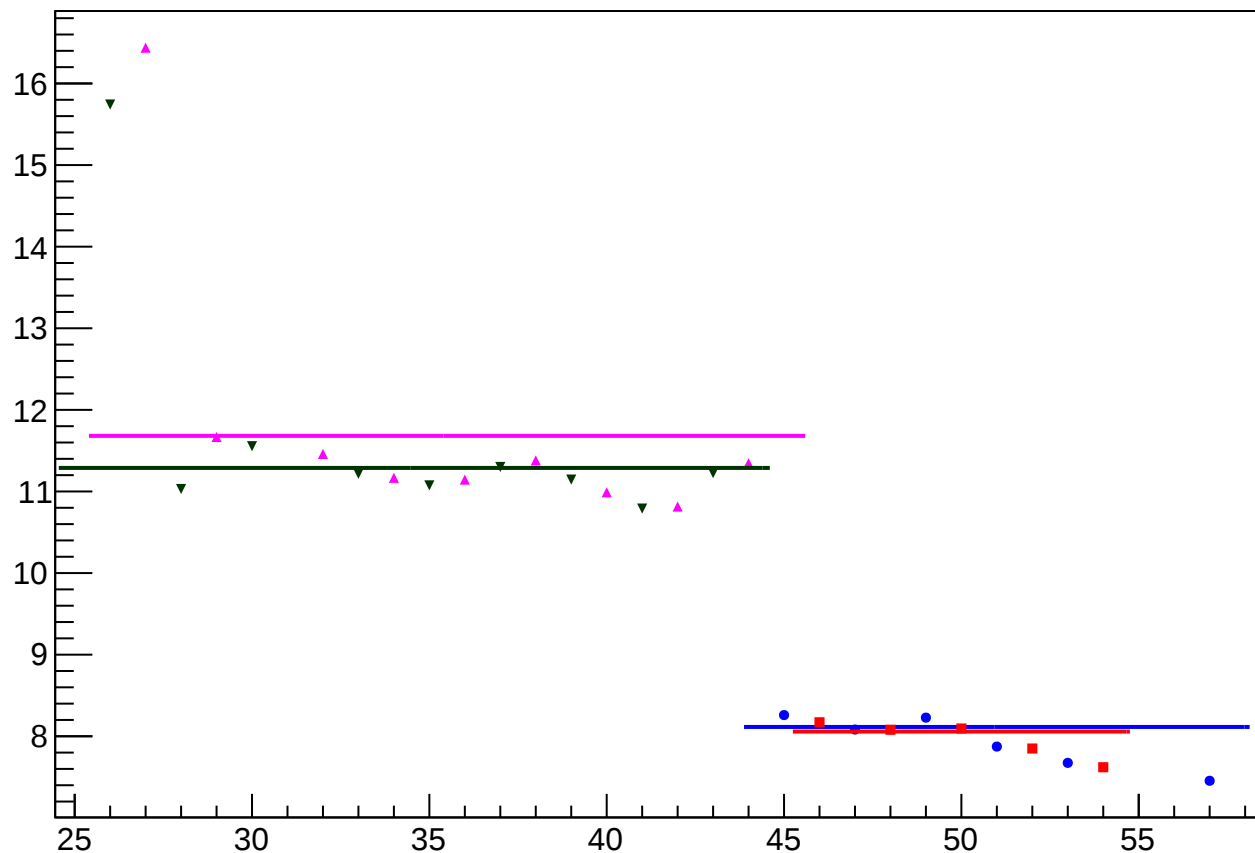
0.020+/-0.000 χ^2/NDF : 821067.3/14

Right Out: 0.022+/-0.000 χ^2/NDF : 507546.3/4

0.021+/-0.000 χ^2/NDF : 898461.6/13

Left In: 0.020+/-0.000 χ^2/NDF : 380331.0/8

yield_sam6_mean vs slug



Right In: 8.114+/-0.000 χ^2/NDF : 33143479.4/5

Left Out: 11.289+/-0.000 χ^2/NDF : 475112866.3/8

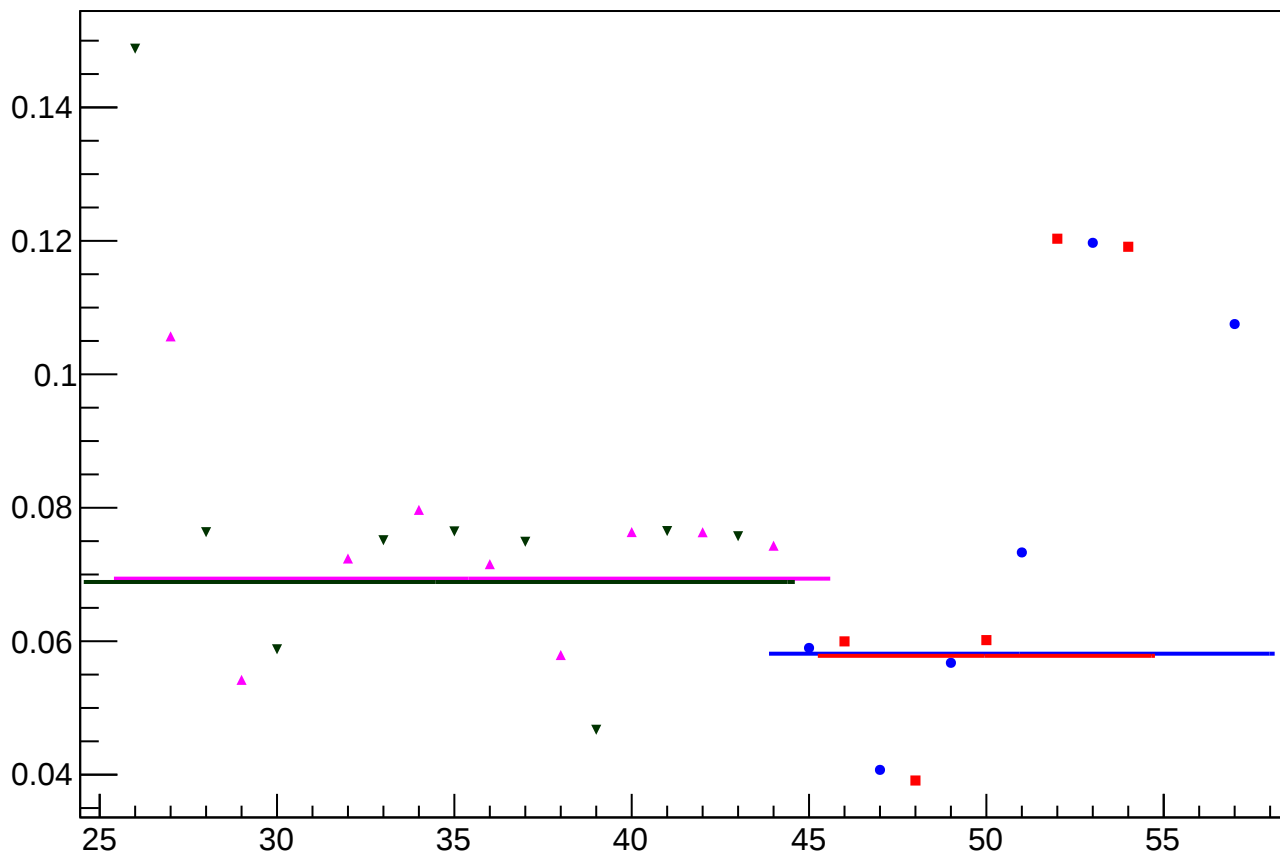
Right Out: 8.058+/-0.000 χ^2/NDF : 10247675.2/4

Left In: 11.681+/-0.000 χ^2/NDF : 1757981772.9/8

9.850+/-0.000 χ^2/NDF : 4621888412.4/14

10.386+/-0.000 χ^2/NDF : 6736992638.6/13

yield_sam6_rms vs slug



Right In: 0.058+/-0.000 χ^2/NDF : 617434.6/5

Left Out: 0.069+/-0.000 χ^2/NDF : 542333.9/8

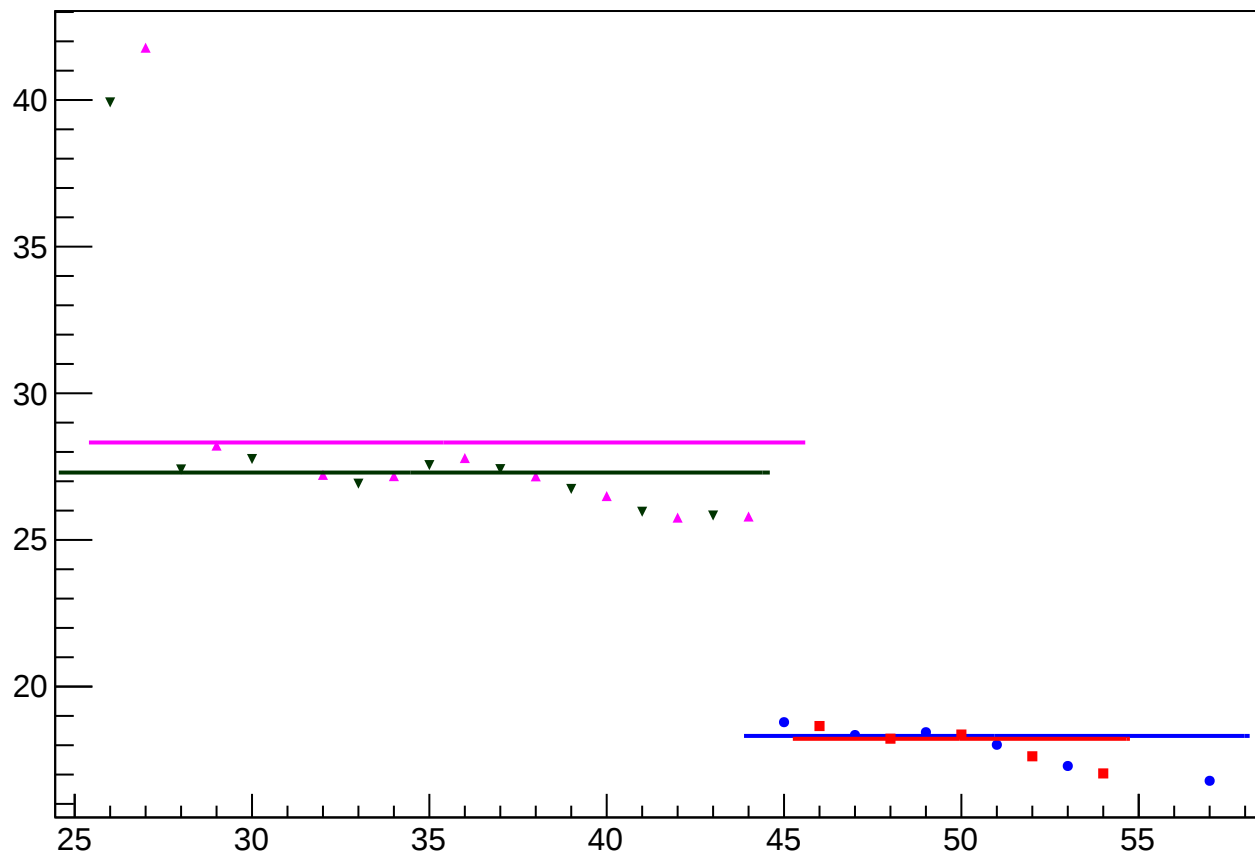
Right Out: 0.058+/-0.000 χ^2/NDF : 736992.7/4

Left In: 0.069+/-0.000 χ^2/NDF : 382716.0/8

0.064+/-0.000 χ^2/NDF : 1254066.7/14

0.065+/-0.000 χ^2/NDF : 1220934.0/13

yield_sam7_mean vs slug



Right In: 18.318+/-0.000 χ^2 /NDF: 111640006.6/5

Left Out: 27.298+/-0.000 χ^2 /NDF:1975060613.1/8

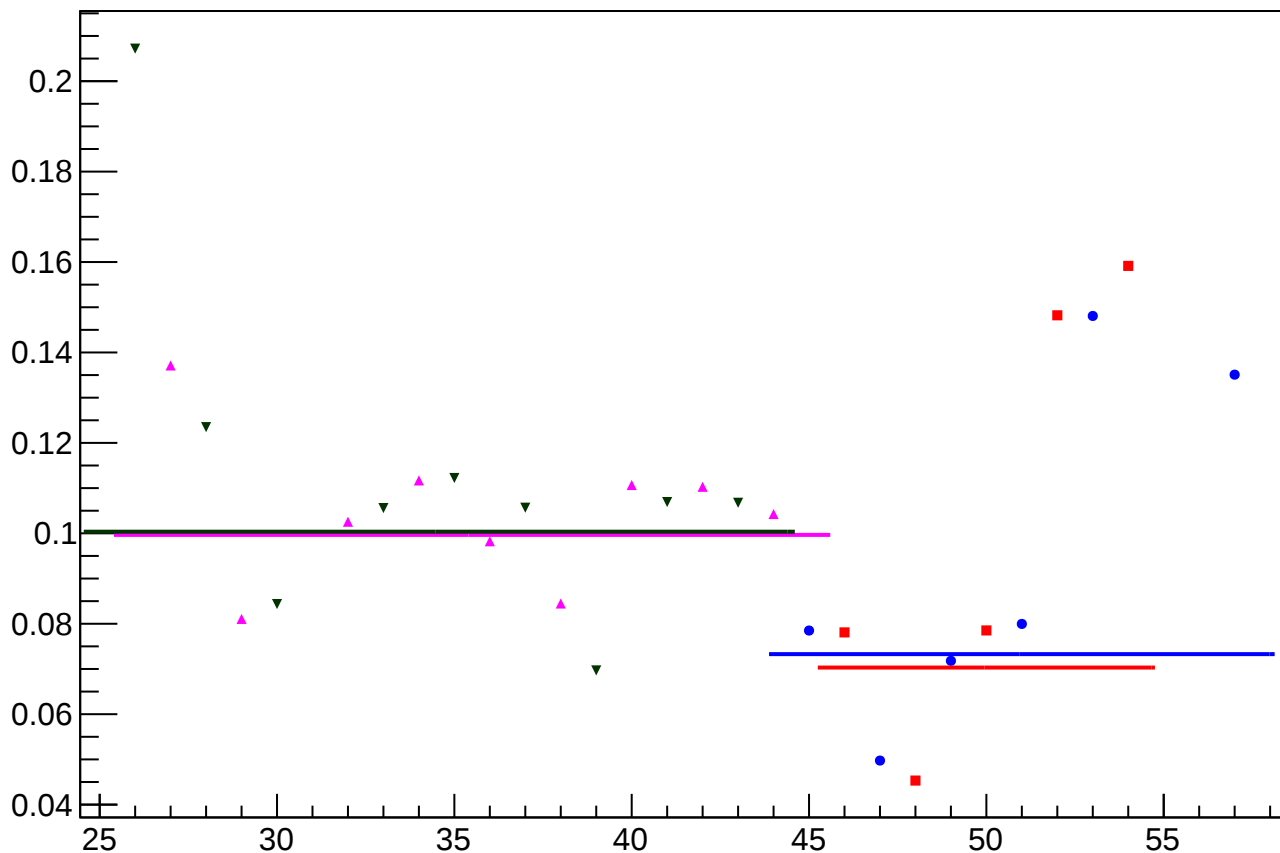
Right Out: 18.220+/-0.000 χ^2 /NDF: 50835111.5/4

Left In: 28.322+/-0.000 χ^2 /NDF:8116696622.8/8

22.597+/-0.000 χ^2 /NDF: 19840800801.8/14

24.028+/-0.000 χ^2 /NDF: 30281729642.8/13

yield_sam7_rms vs slug



Right In: 0.073 $\pm$ 0.000 χ^2/NDF : 638317.2/5

Left Out: 0.100 $\pm$ 0.000 χ^2/NDF : 509899.4/8

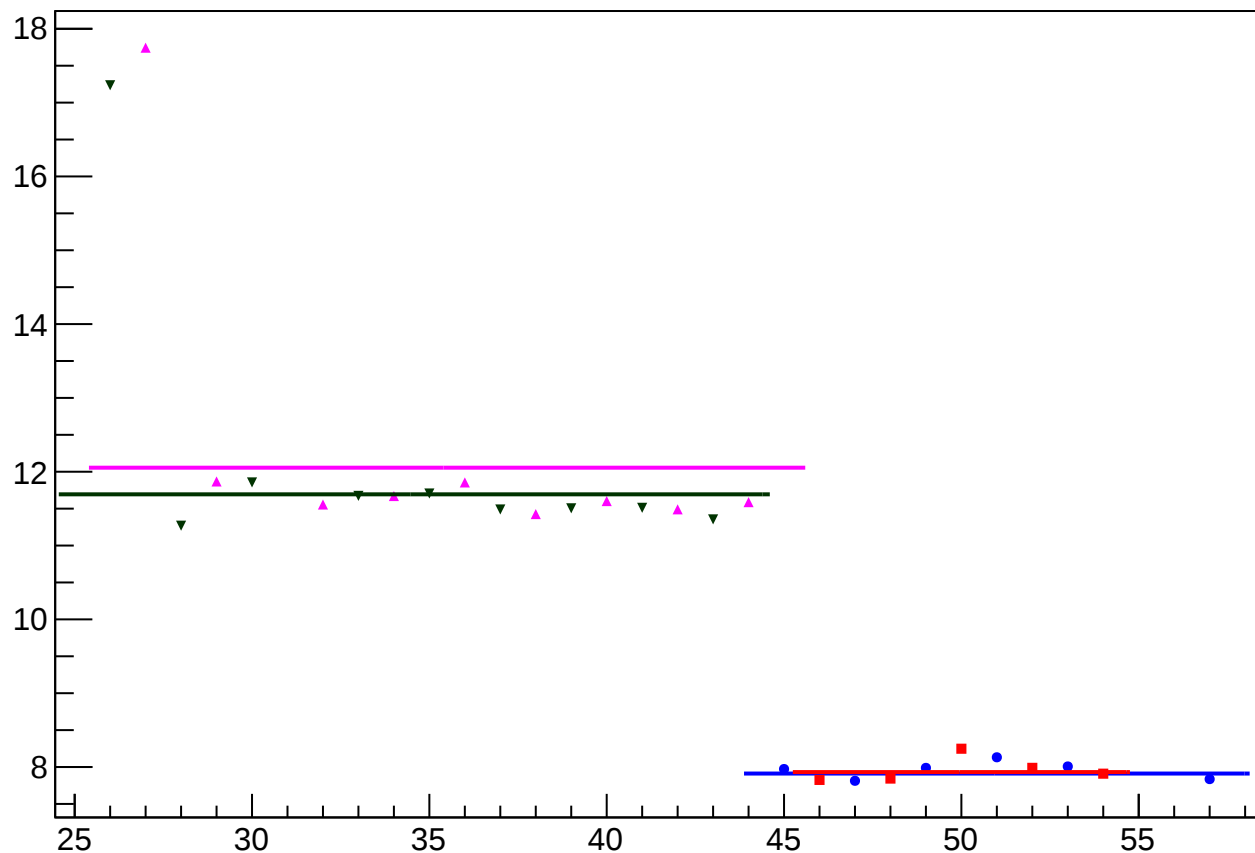
Right Out: 0.070 $\pm$ 0.000 χ^2/NDF : 871866.5/4

Left In: 0.100 $\pm$ 0.000 χ^2/NDF : 255418.8/8

0.086 $\pm$ 0.000 χ^2/NDF : 1471097.4/14

0.087 $\pm$ 0.000 χ^2/NDF : 1500318.8/13

yield_sam8_mean vs slug



Right In: 7.912 ± 0.000 χ^2/NDF : 14558048.8/5

Left Out: 11.694 ± 0.000 χ^2/NDF : 1571804703.3/8

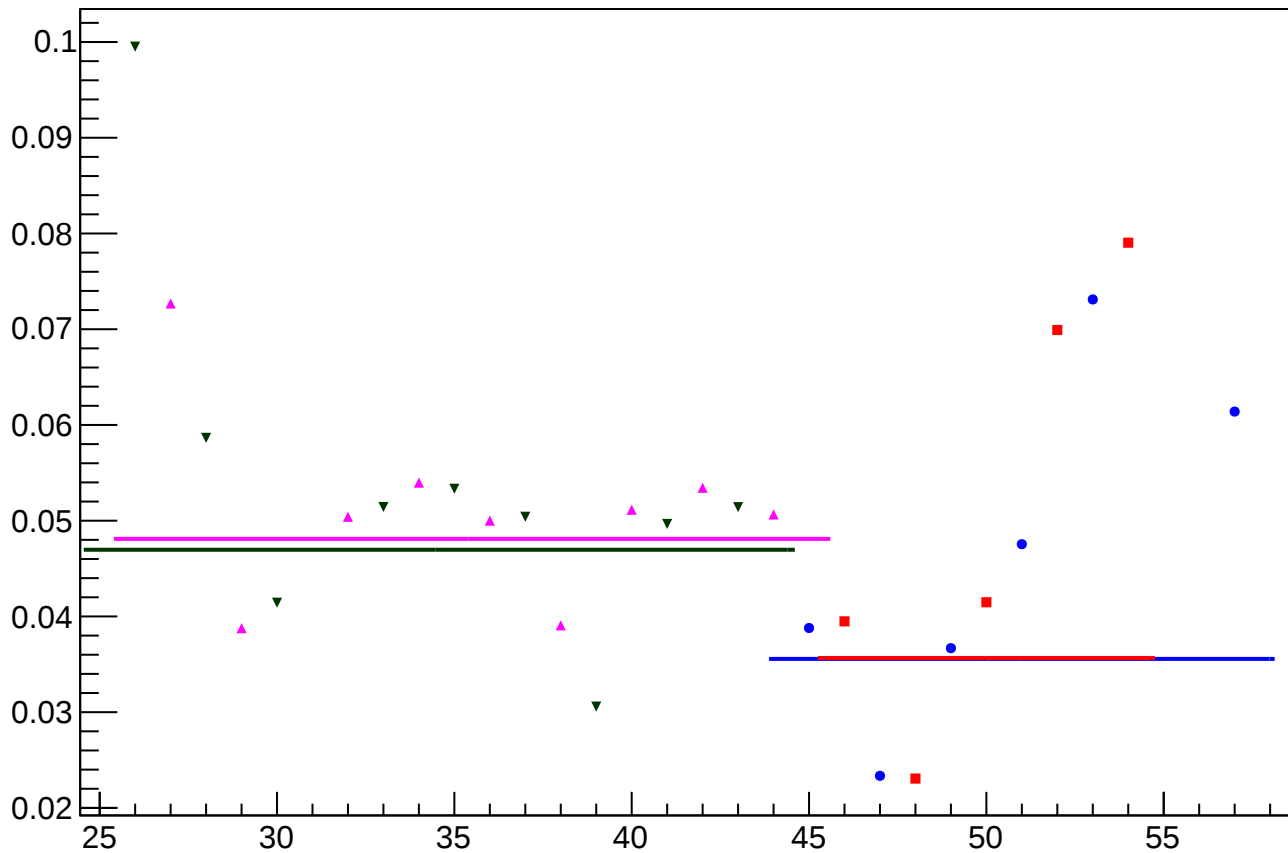
Right Out: 7.931 ± 0.000 χ^2/NDF : 37287213.7/4

Left In: 12.055 ± 0.000 χ^2/NDF : 5109226136.0/8

9.802 ± 0.000 χ^2/NDF : 15558240928.2/14

10.396 ± 0.000 χ^2/NDF : 20185856198.0/13

yield_sam8_rms vs slug



Right In: 0.036+/-0.000 χ^2/NDF : 665212.2/5

Left Out: 0.047+/-0.000 χ^2/NDF : 612154.7/8

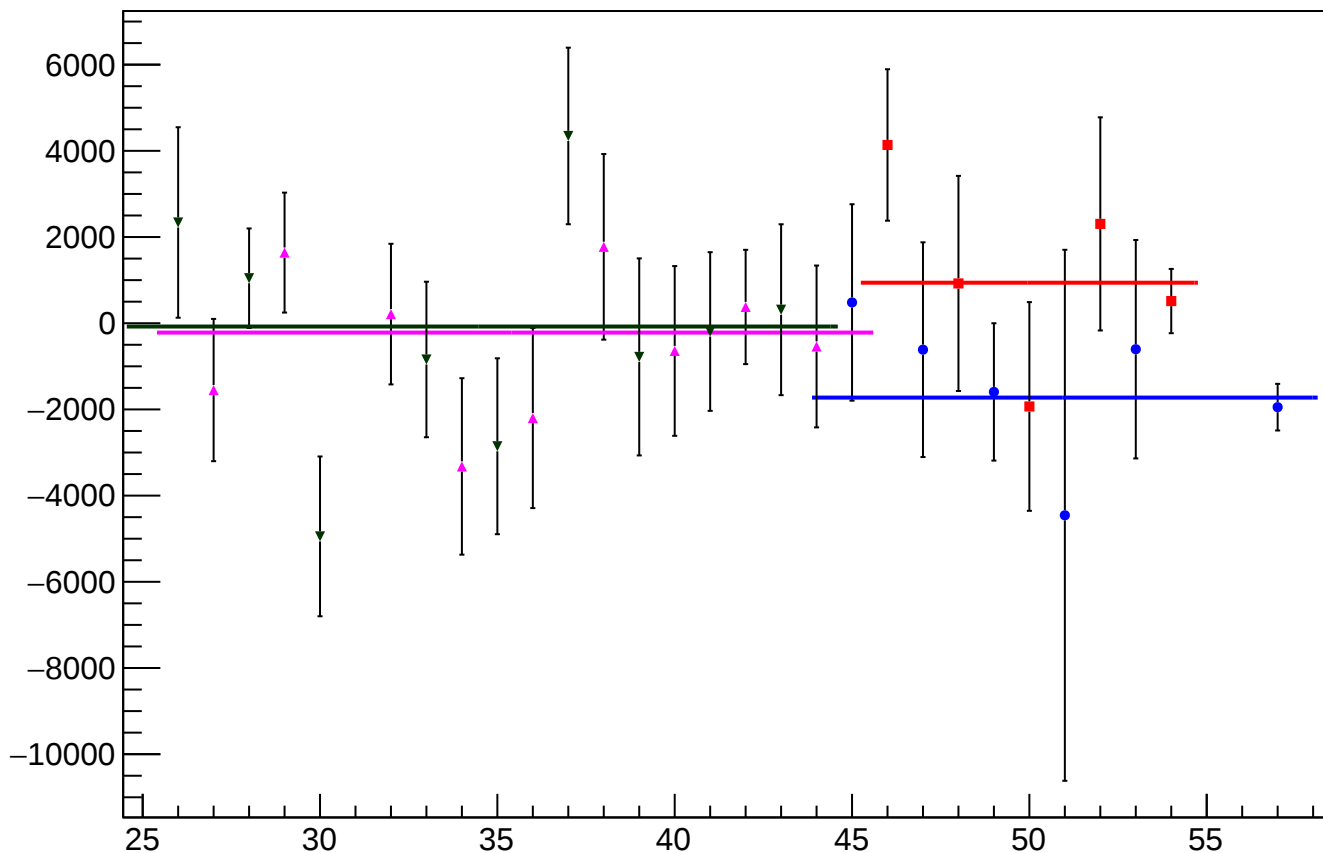
Right Out: 0.036+/-0.000 χ^2/NDF : 826625.4/4

Left In: 0.048+/-0.000 χ^2/NDF : 348766.4/8

0.041+/-0.000 χ^2/NDF : 1531257.9/14

0.043+/-0.000 χ^2/NDF : 1449264.3/13

cor_sam1_mean vs slug



Right In: -1725.524 ± 479.707 χ^2/NDF : 1.7/5

Left Out: -76.487 ± 600.613 χ^2/NDF : 15.9/8

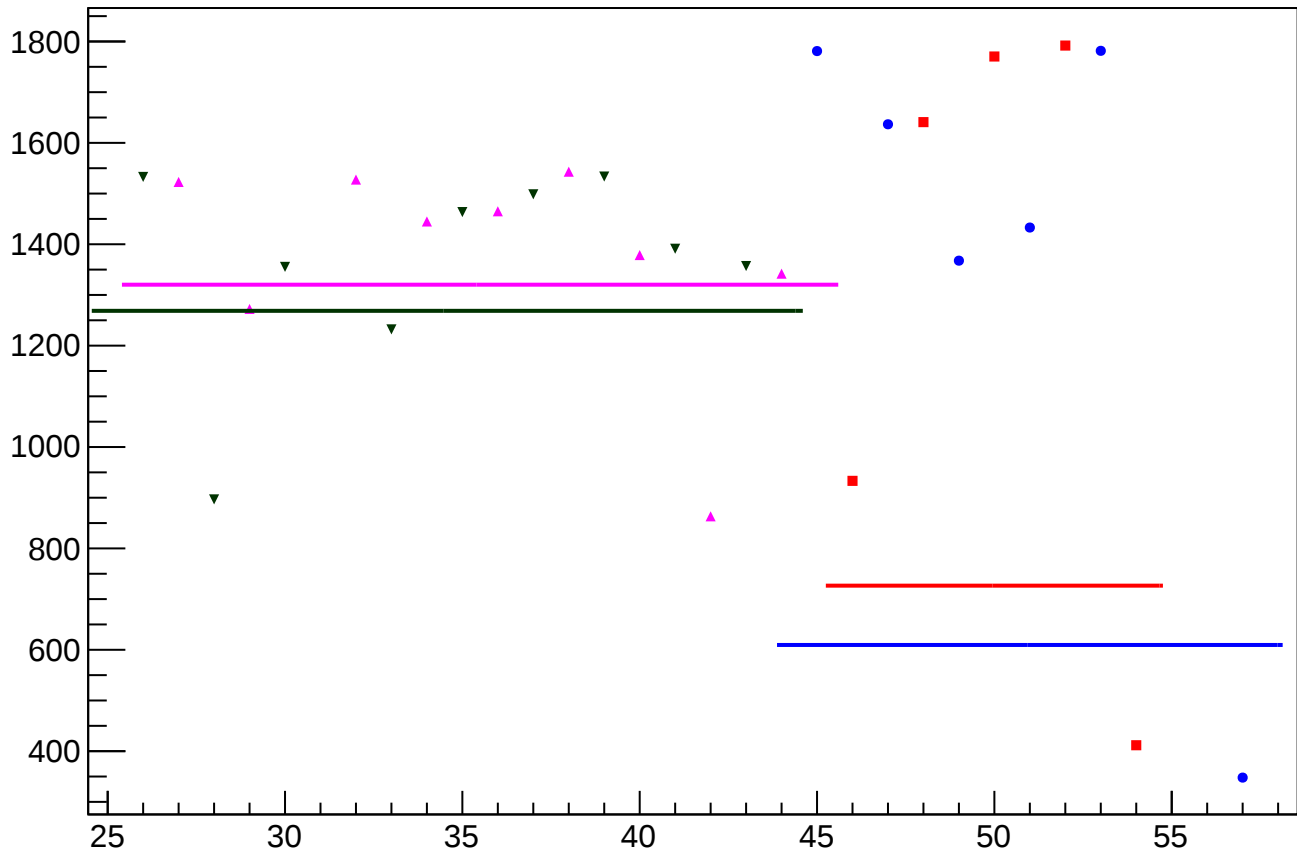
Right Out: 940.235 ± 618.236 χ^2/NDF : 5.3/4

Left In: -216.843 ± 572.349 χ^2/NDF : 6.8/8

-1083.278 ± 374.826 χ^2/NDF : 22.2/14

317.166 ± 419.998 χ^2/NDF : 14.1/13

cor_sam1_rms vs slug



Right In: 609.531+/-0.339 χ^2/NDF : 2252539.6/5

Left Out: 1268.658+/-0.425 χ^2/NDF :324399.1/8

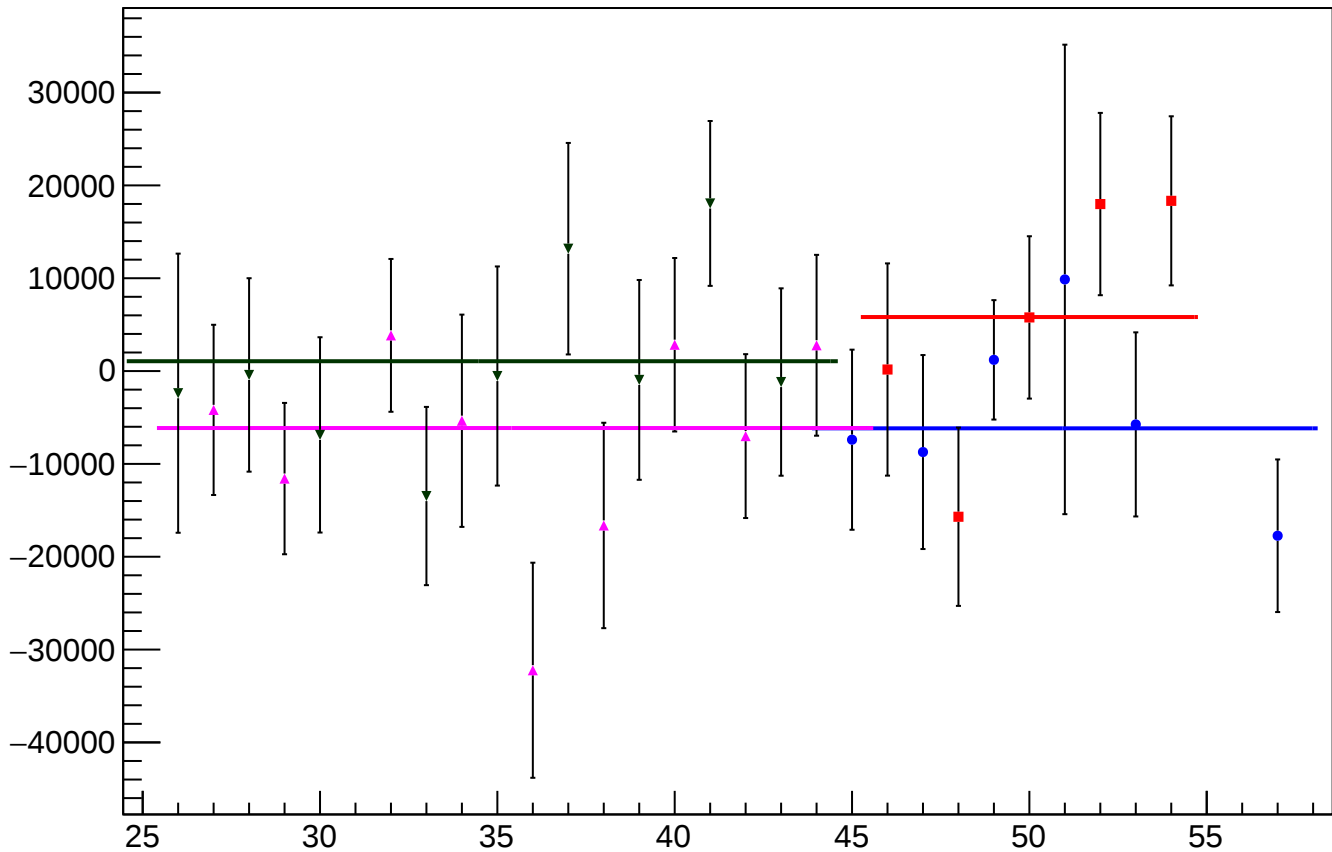
Right Out: 726.534+/-0.437 χ^2/NDF : 1395416.6/4

Left In: 1320.223+/-0.405 χ^2/NDF :342759.8/8

866.240+/-0.265 χ^2/NDF : 4047513.9/14

1046.226+/-0.297 χ^2/NDF : 2731320.6/13

cor_sam2_mean vs slug



Right In: -6168.271 $\pm$ 3766.285 χ^2 /NDF: 3.8/5

Left Out: 1060.376 $\pm$ 3545.636 χ^2 /NDF: 7.8/8

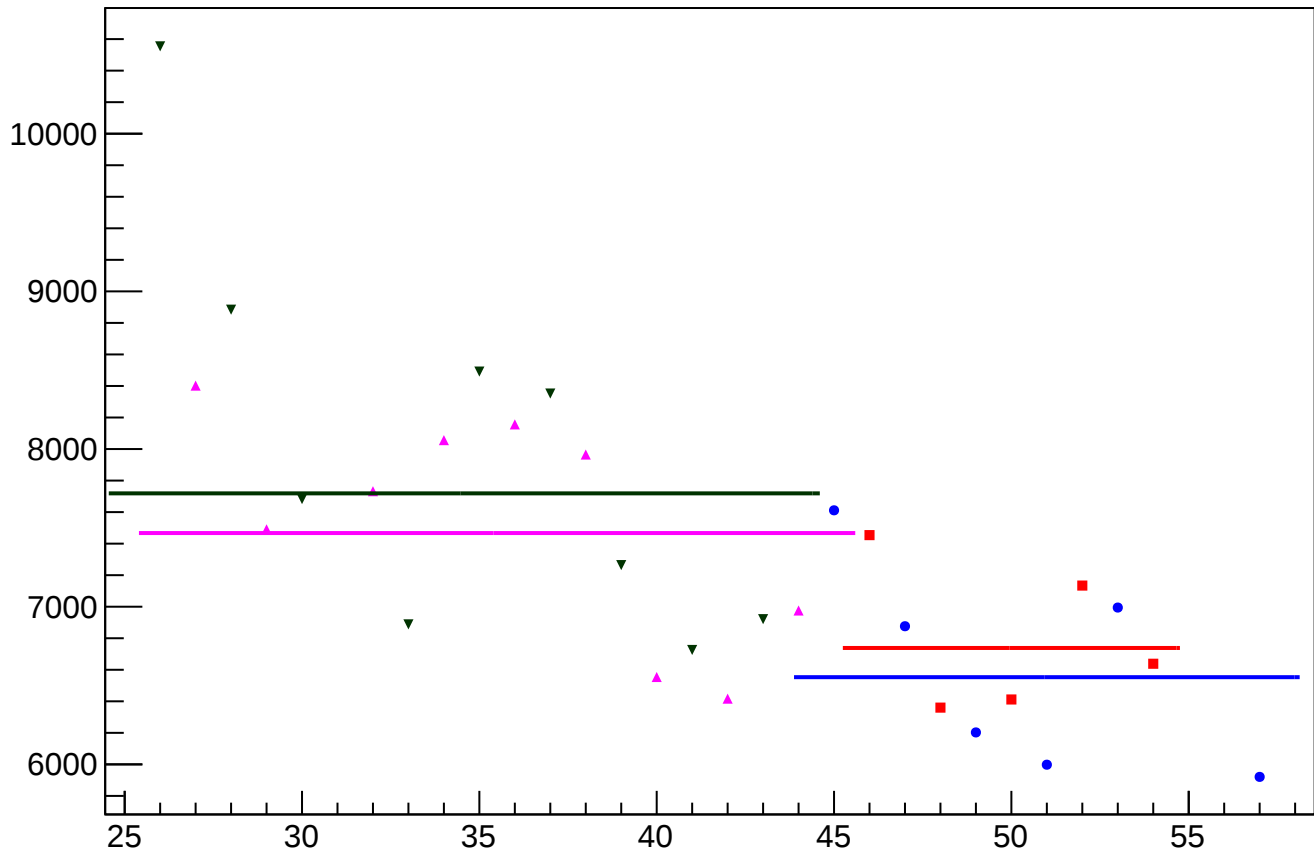
Right Out: 5819.760 $\pm$ 4303.138 χ^2 /NDF: 8.7/4

Left In: -6136.125 $\pm$ 3165.179 χ^2 /NDF: 9.7/8

-2336.010 $\pm$ 2581.625 χ^2 /NDF: 13.6/14

-1938.585 $\pm$ 2549.716 χ^2 /NDF: 23.4/13

cor_sam2_rms vs slug



Right In: 6553.089 ± 2.663 χ^2/NDF : 48426.2/5

Left Out: 7718.910 ± 2.507 χ^2/NDF : 166985.2/8

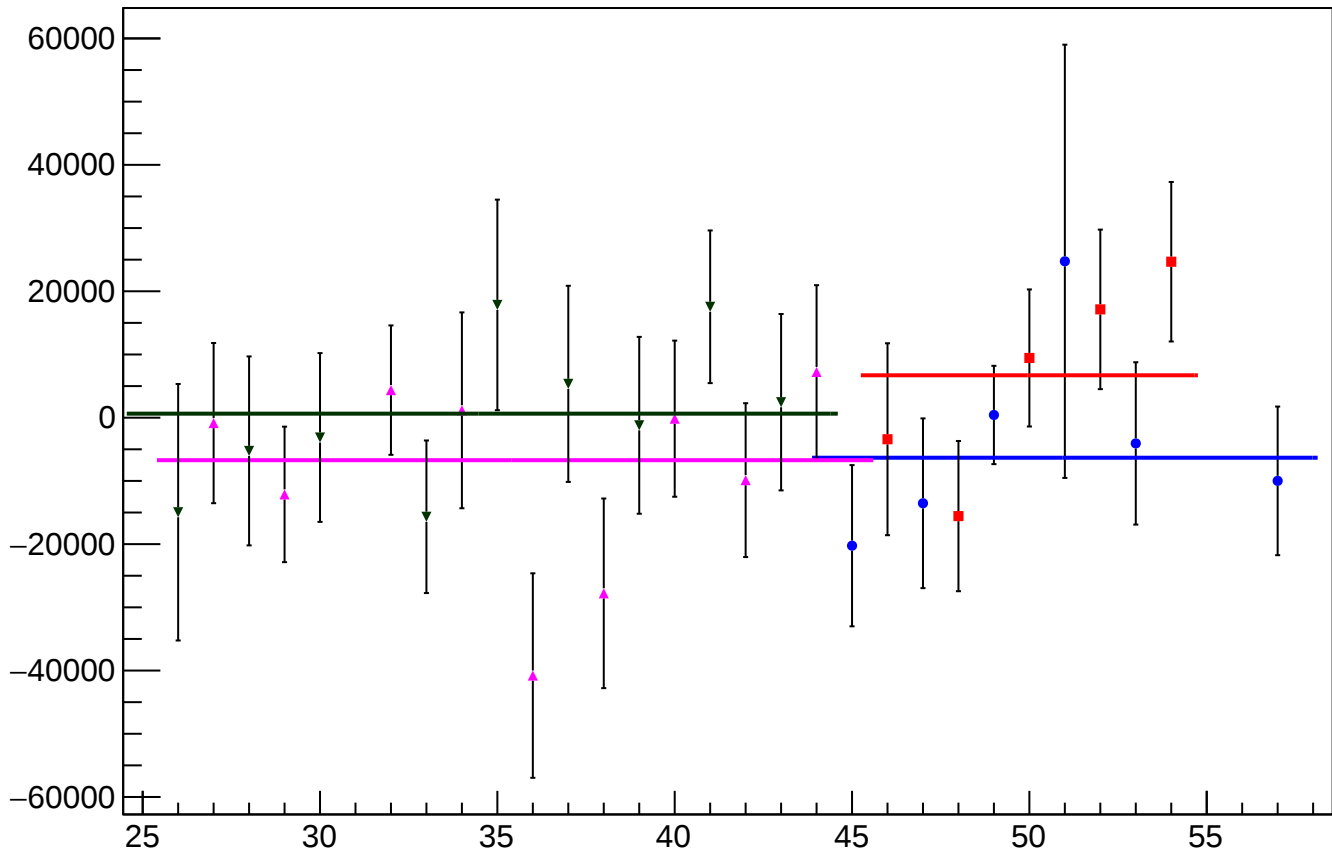
Right Out: 6738.328 ± 3.043 χ^2/NDF : 17228.0/4

Left In: 7467.189 ± 2.238 χ^2/NDF : 91848.7/8

7171.148 ± 1.825 χ^2/NDF : 317004.7/14

7211.296 ± 1.803 χ^2/NDF : 146310.4/13

cor_sam3_mean vs slug



Right In: -6331.479 ± 4857.196 χ^2/NDF : 3.2/5

Left Out: 639.789 ± 4753.910 χ^2/NDF : 5.8/8

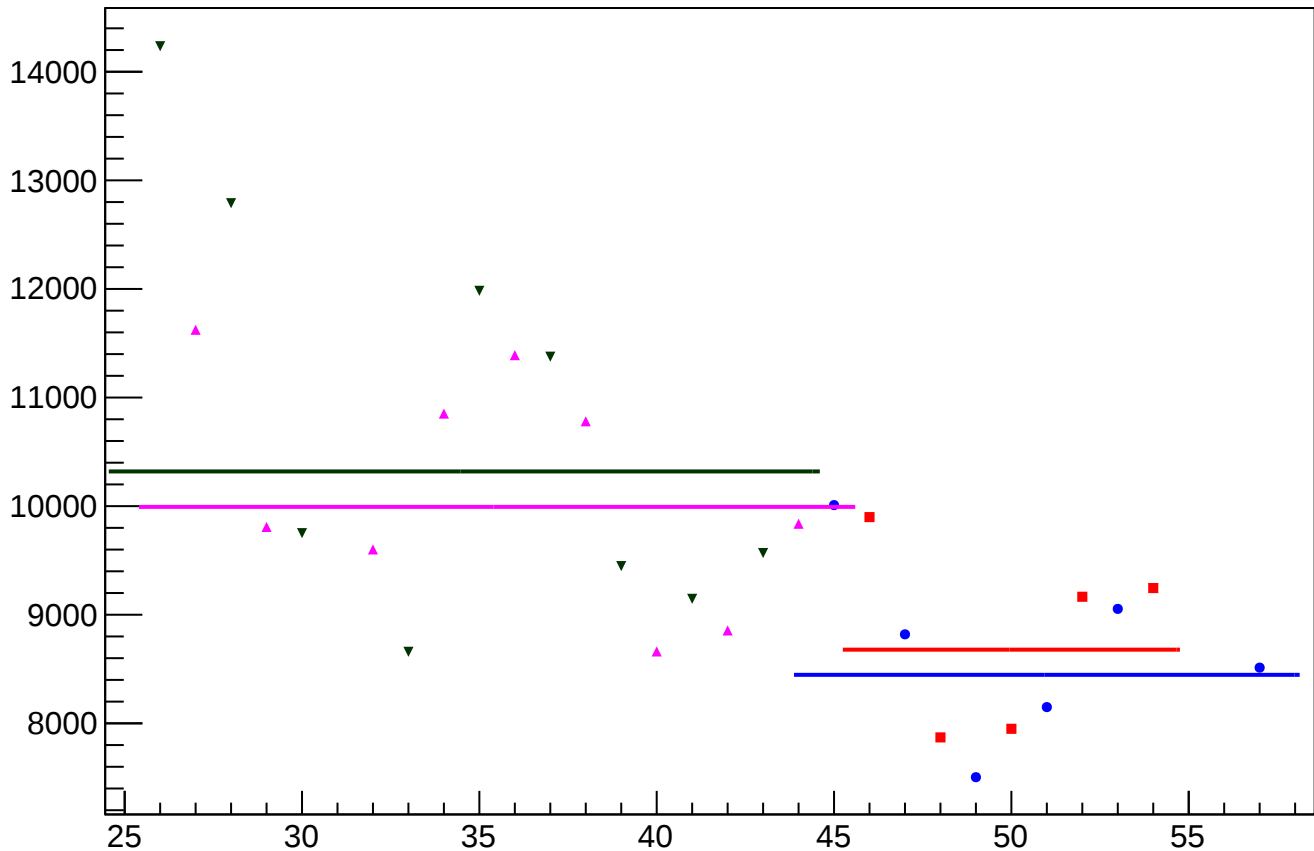
Right Out: 6709.729 ± 5547.917 χ^2/NDF : 6.7/4

Left In: -6721.702 ± 4244.047 χ^2/NDF : 9.7/8

-2770.937 ± 3397.450 χ^2/NDF : 10.0/14

-1763.317 ± 3370.846 χ^2/NDF : 20.1/13

cor_sam3_rms vs slug



Right In: 8446.693+/-3.435 χ^2/NDF : 65666.7/5

Left Out: 10319.525+/-3.362 χ^2/NDF : 232272.2/8

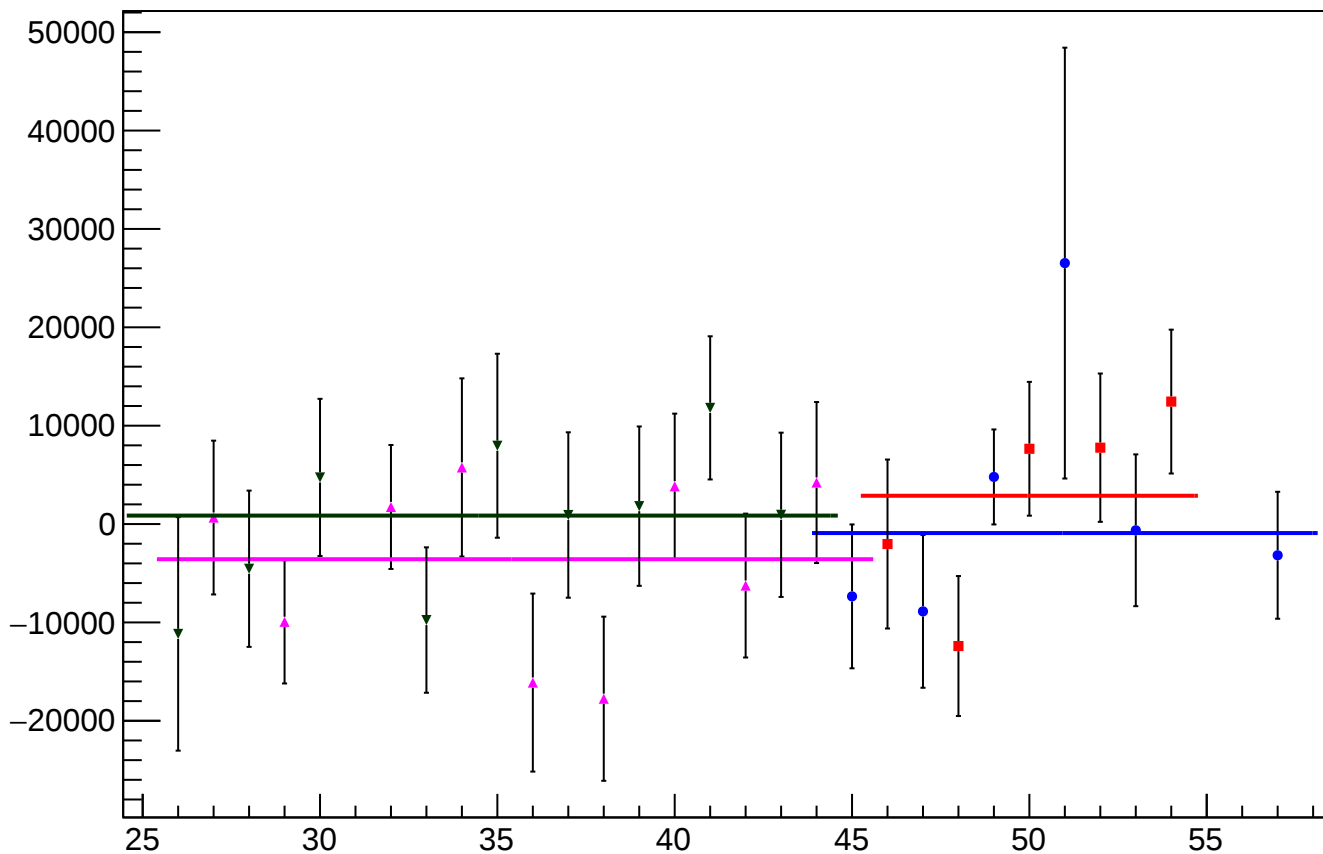
9403.233+/-2.402 χ^2/NDF : 449804.9/14

Right Out: 8678.399+/-3.923 χ^2/NDF : 38233.2/4

9507.771+/-2.384 χ^2/NDF : 213296.7/13

Left In: 9993.116+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: -914.777+/-2873.972 χ^2/NDF : 4.9/5

Left Out: 860.253+/-2763.123 χ^2/NDF : 6.6/8

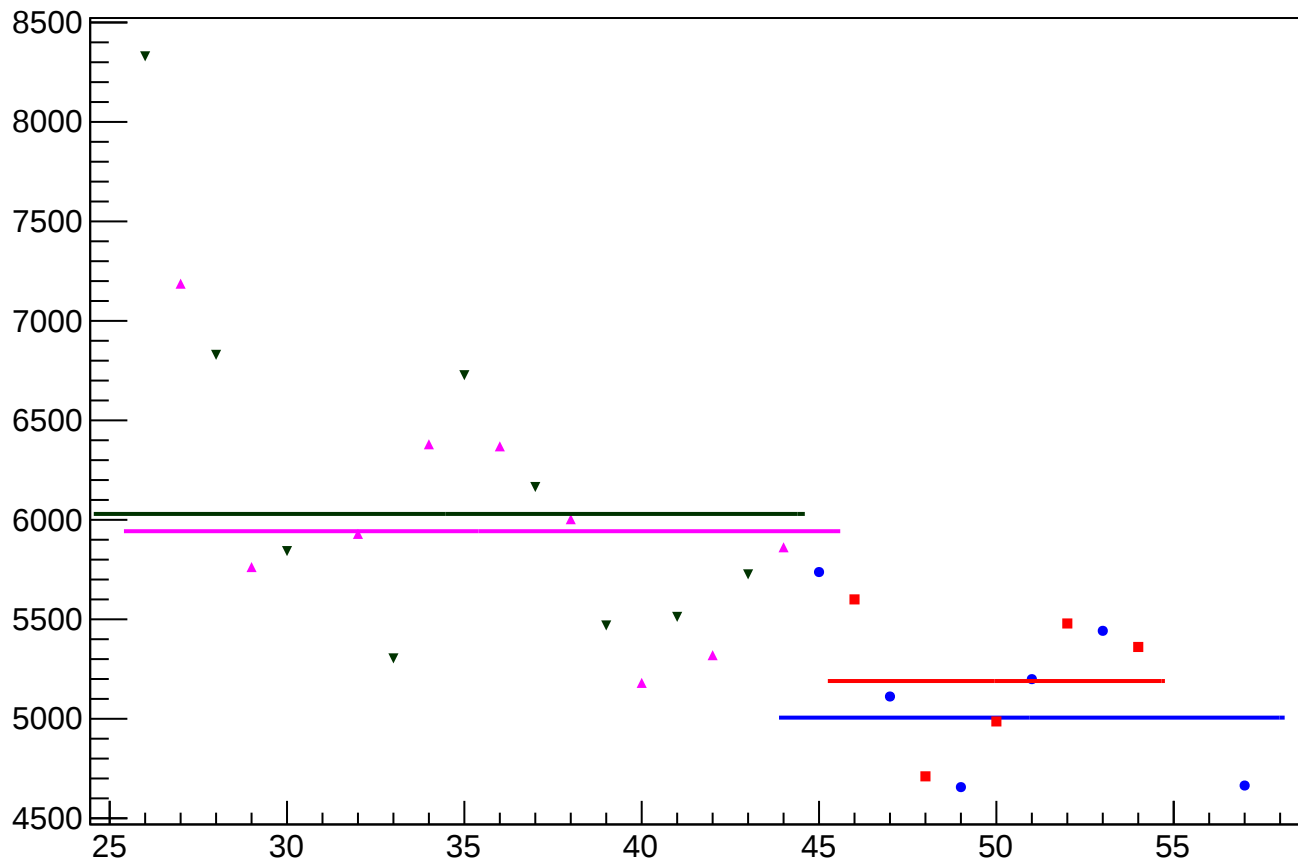
Right Out: 2877.157+/-3310.648 χ^2/NDF : 7.6/4

Left In: -3574.359+/-2517.724 χ^2/NDF : 10.0/8

7.629+/-1991.858 χ^2/NDF : 11.8/14

-1210.351+/-2004.040 χ^2/NDF : 19.9/13

cor_sam4_rms vs slug



Right In: 5005.850+/-2.032 χ^2/NDF : 43010.7/5

Left Out: 6029.703+/-1.954 χ^2/NDF :149738.9/8

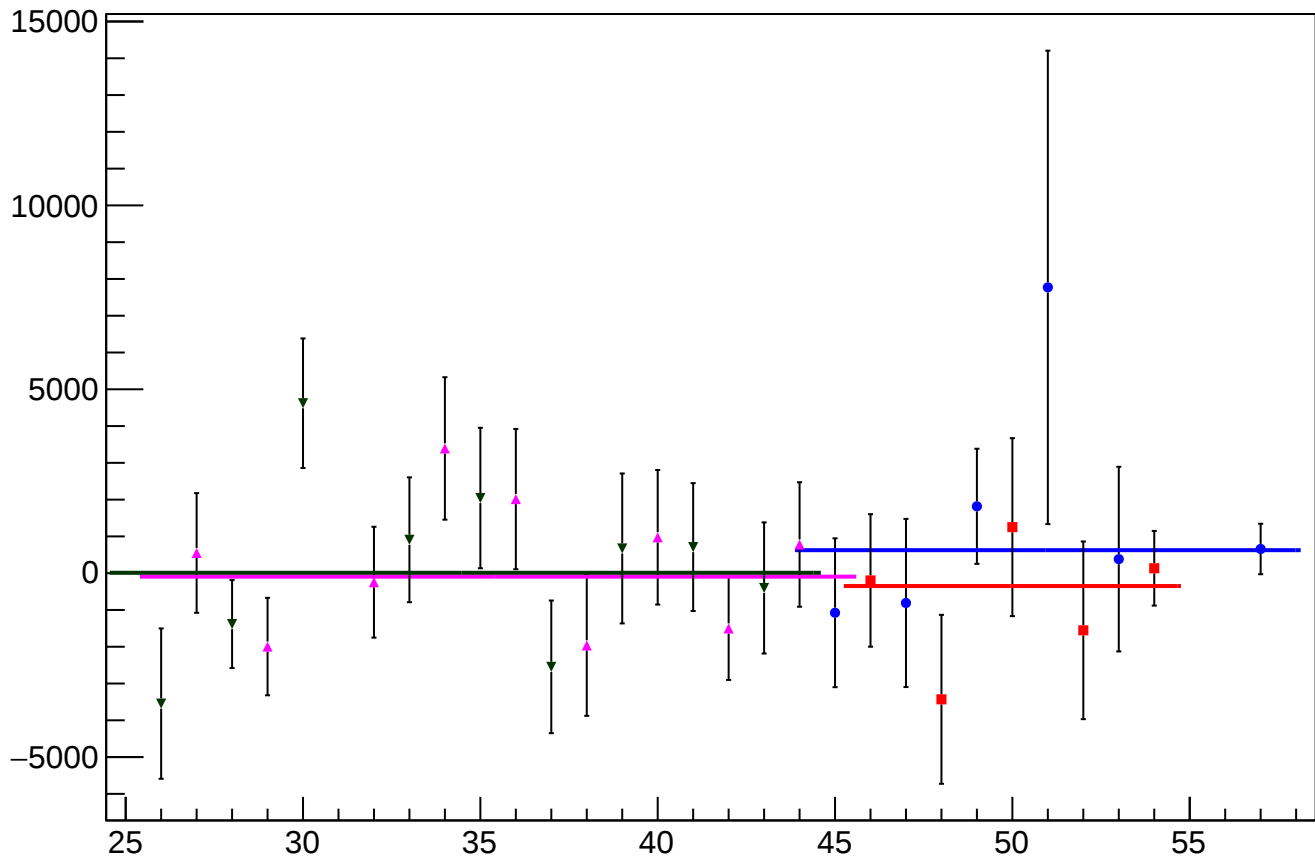
Right Out: 5189.852+/-2.341 χ^2/NDF : 19456.8/4

Left In: 5942.884+/-1.780 χ^2/NDF :97554.3/8

5537.902+/-1.408 χ^2/NDF : 324653.3/14

5666.953+/-1.417 χ^2/NDF : 182569.4/13

cor_sam5_mean vs slug



Right In: 625.670+/-563.666 χ^2/NDF : 2.9/5

Left Out: 11.403+/-570.182 χ^2/NDF :15.0/8

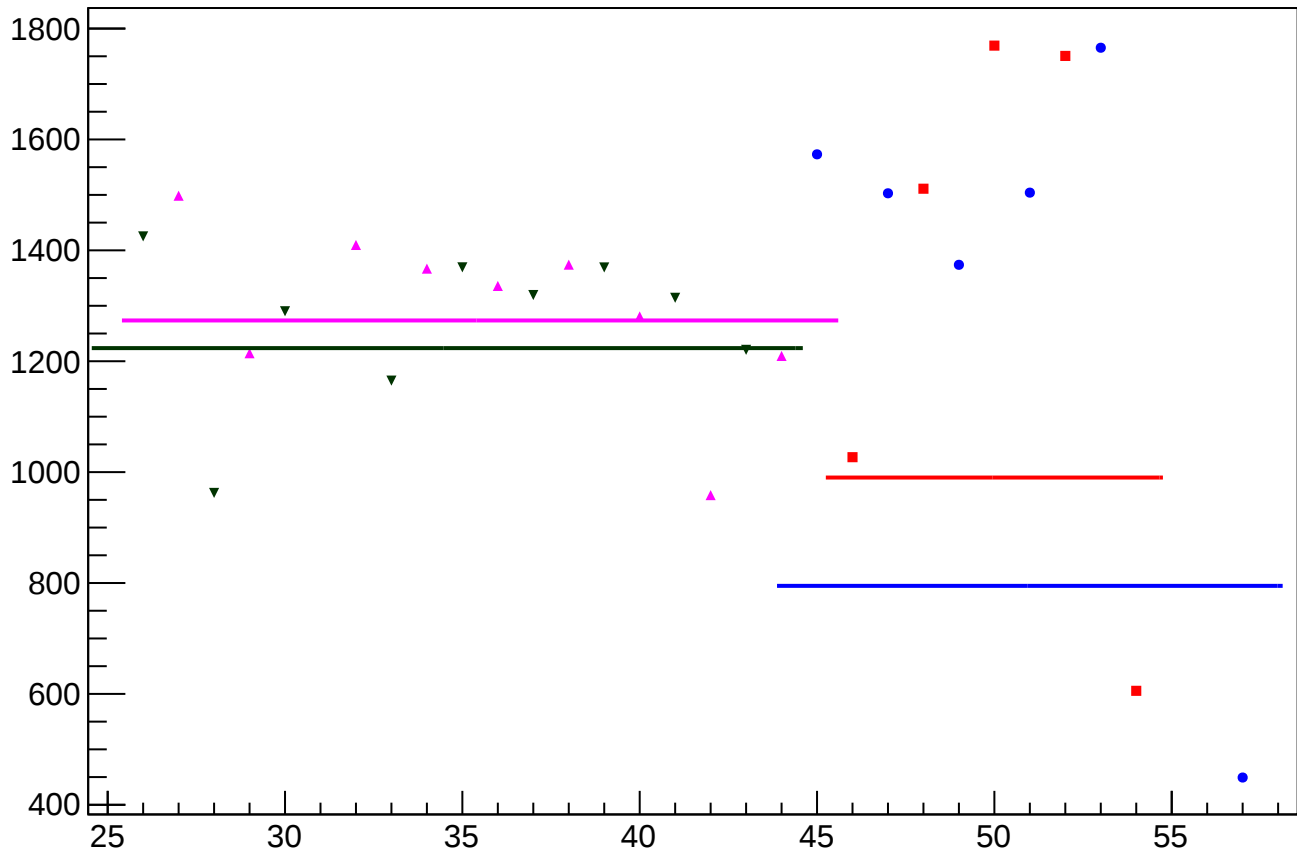
Right Out: -349.580+/-743.130 χ^2/NDF : 2.7/4

Left In: -93.953+/-545.533 χ^2/NDF :9.3/8

322.066+/-400.856 χ^2/NDF : 18.5/14

-183.470+/-439.759 χ^2/NDF : 12.1/13

cor_sam5_rms vs slug



Right In: 794.874 ± 0.399 χ^2/NDF : 1591567.3/5

Left Out: 1223.657 ± 0.403 χ^2/NDF : 153036.7/8

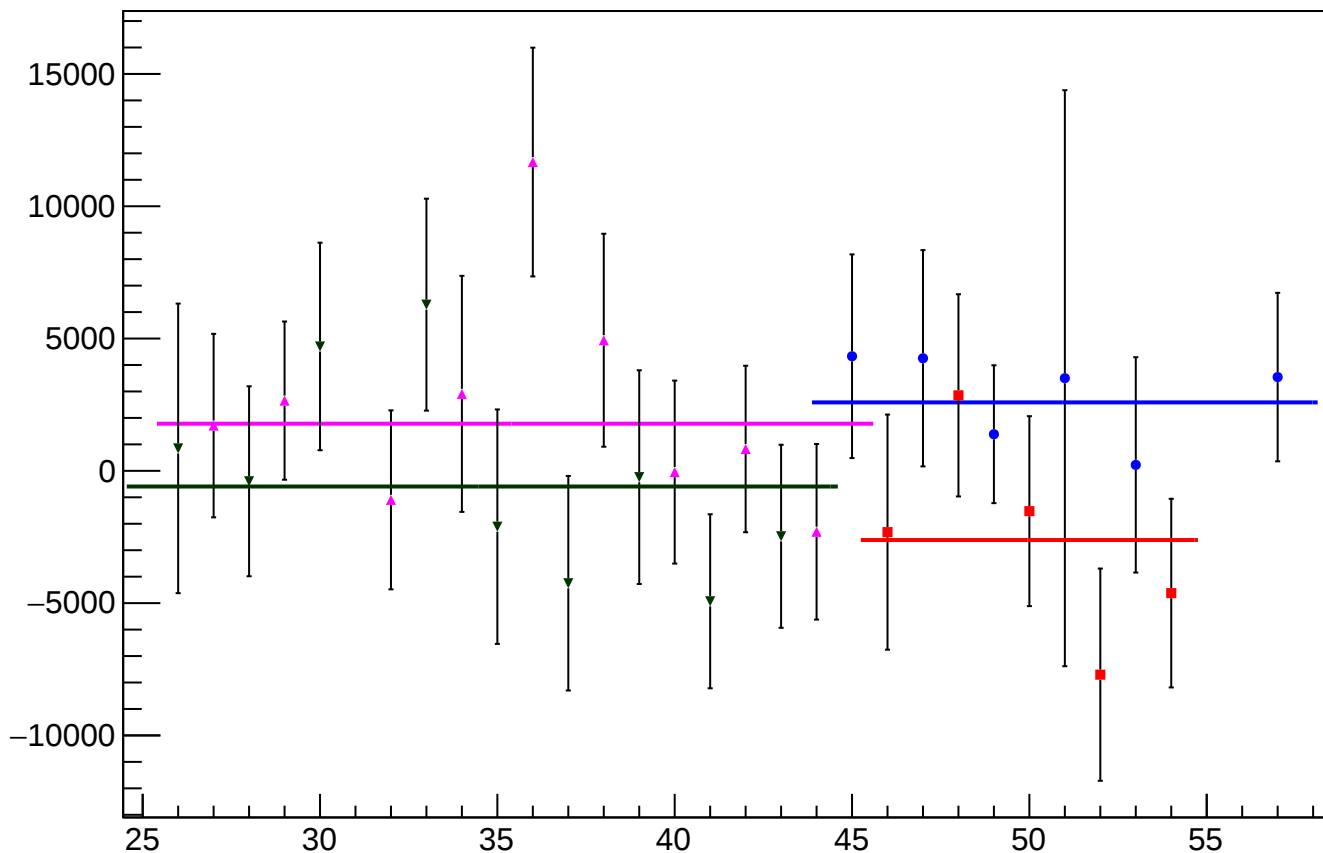
Right Out: 990.227 ± 0.525 χ^2/NDF : 796606.1/4

Left In: 1273.541 ± 0.386 χ^2/NDF : 174992.2/8

1006.802 ± 0.283 χ^2/NDF : 2316625.9/14

1174.328 ± 0.311 χ^2/NDF : 1160494.4/13

cor_sam6_mean vs slug



Right In: 2586.745 $\pm$ 1503.940 χ^2 /NDF: 1.0/5

Left Out: -592.543 $\pm$ 1304.748 χ^2 /NDF: 7.8/8

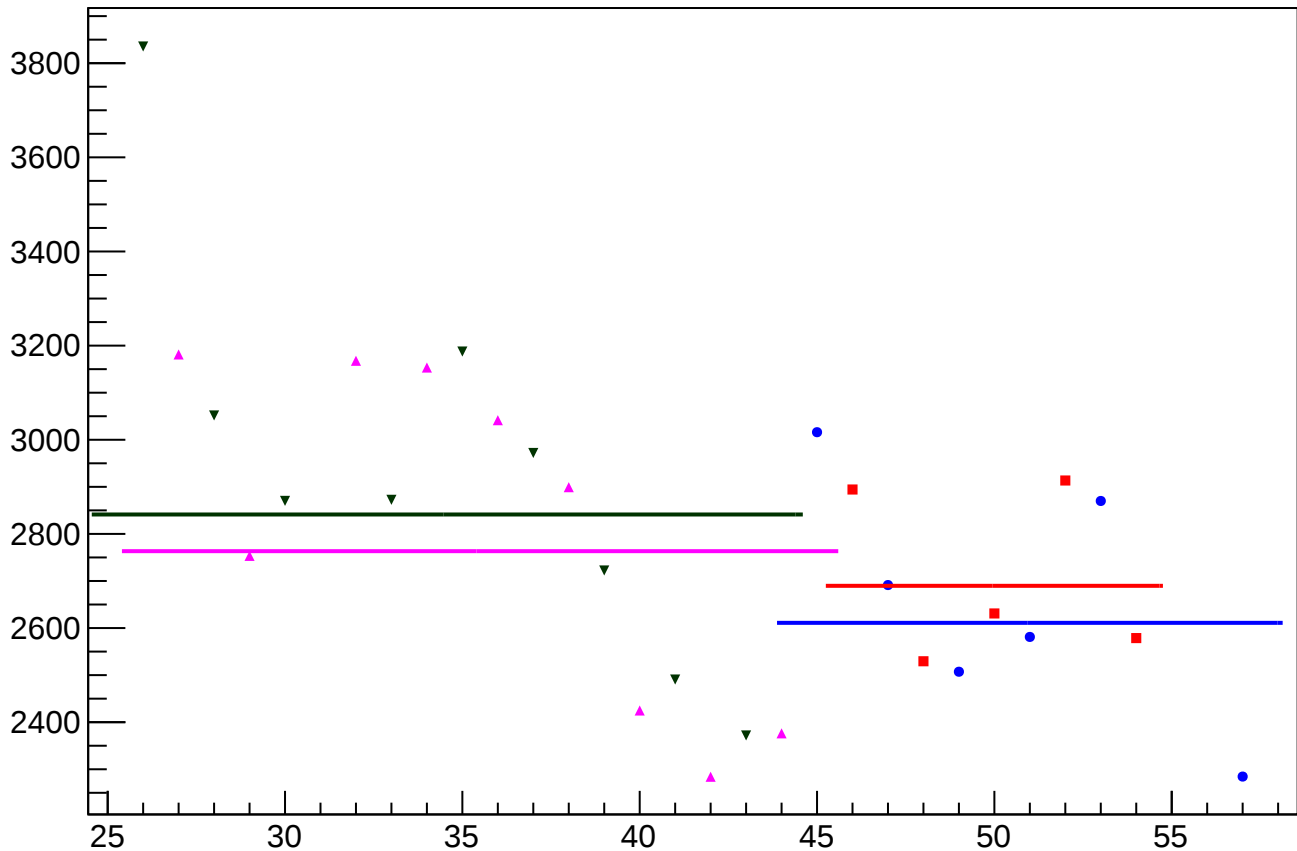
Right Out: -2614.721 $\pm$ 1721.198 χ^2 /NDF: 4.1/4

Left In: 1782.022 $\pm$ 1175.711 χ^2 /NDF: 8.6/8

772.754 $\pm$ 985.551 χ^2 /NDF: 11.4/14

383.206 $\pm$ 970.835 χ^2 /NDF: 17.1/13

cor_sam6_rms vs slug



Right In: 2611.079+/-1.063 χ^2/NDF : 55242.1/5

Left Out: 2841.264+/-0.923 χ^2/NDF : 148700.6/8

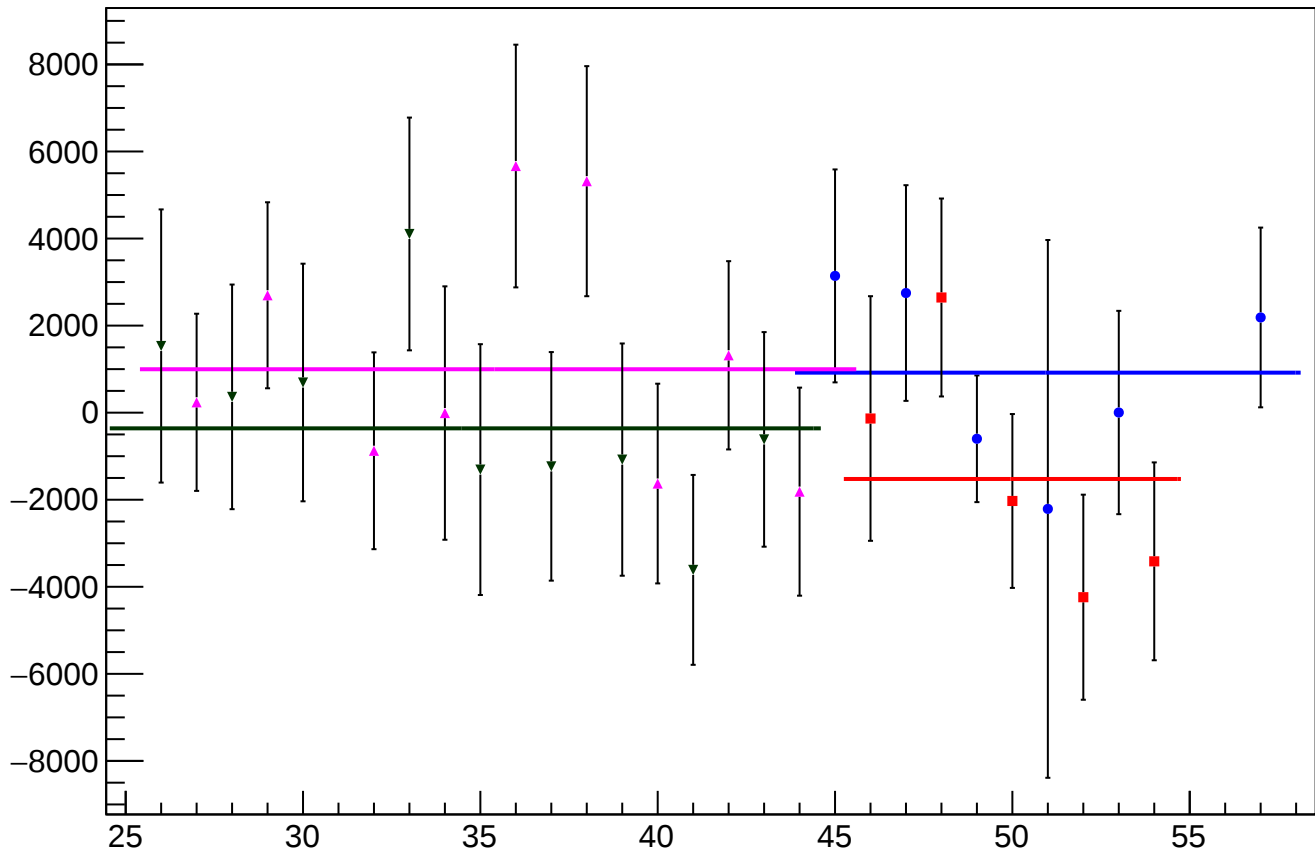
2742.415+/-0.697 χ^2/NDF : 230674.5/14

Right Out: 2689.733+/-1.217 χ^2/NDF : 16455.3/4

2739.917+/-0.686 χ^2/NDF : 195254.6/13

Left In: 2763.332+/-0.831 χ^2/NDF : 176305.8/8

cor_sam7_mean vs slug



Right In: 919.231 $\pm$ 895.732 χ^2 /NDF: 3.2/5

Left Out: -360.260 $\pm$ 874.765 χ^2 /NDF: 5.9/8

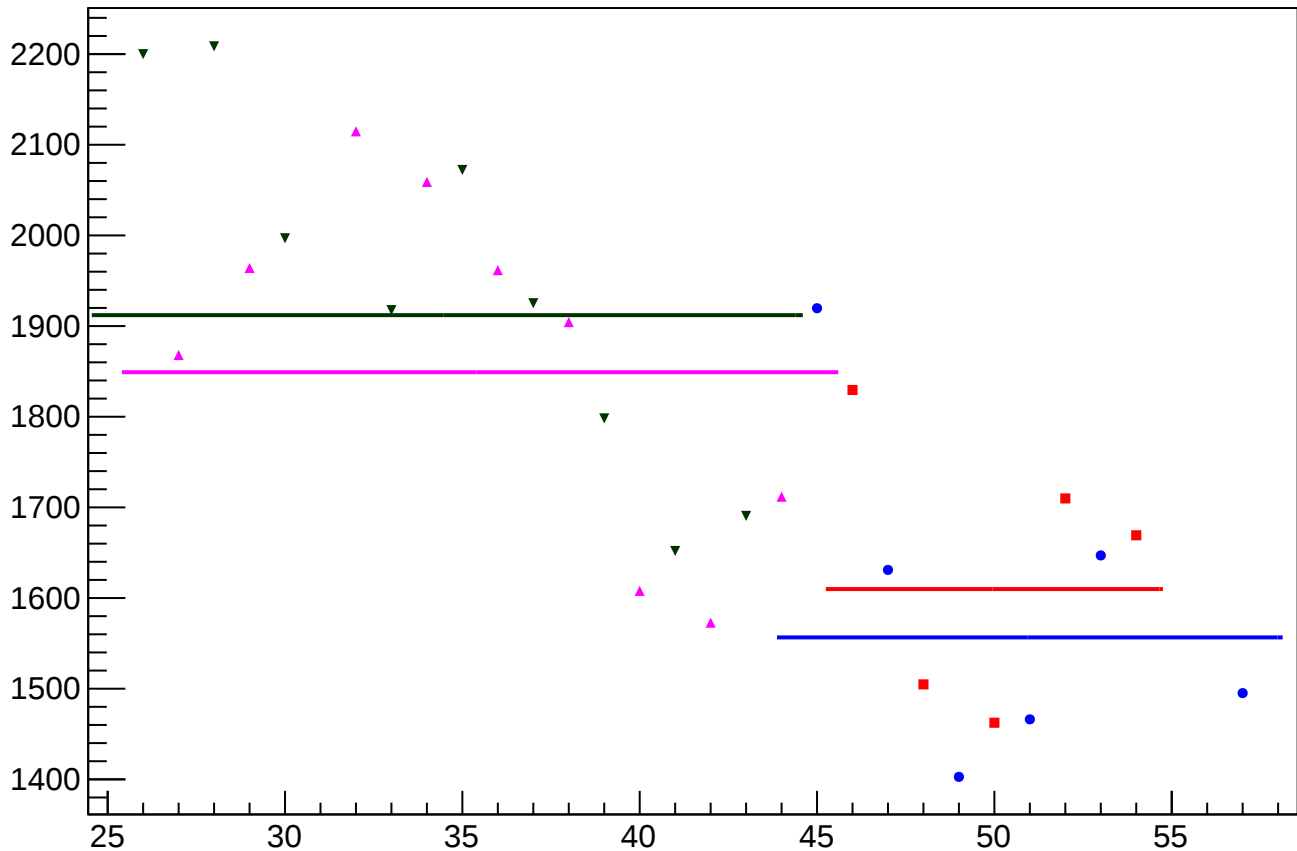
Right Out: -1523.361 $\pm$ 1028.850 χ^2 /NDF: 5.7/4

Left In: 997.468 $\pm$ 784.441 χ^2 /NDF: 9.8/8

264.335 $\pm$ 625.833 χ^2 /NDF: 10.2/14

70.767 $\pm$ 623.807 χ^2 /NDF: 19.3/13

cor_sam7_rms vs slug



Right In: 1556.578 $\pm$ 0.633 χ^2 /NDF: 73432.4/5

Left Out: 1912.062 $\pm$ 0.619 χ^2 /NDF:99663.2/8

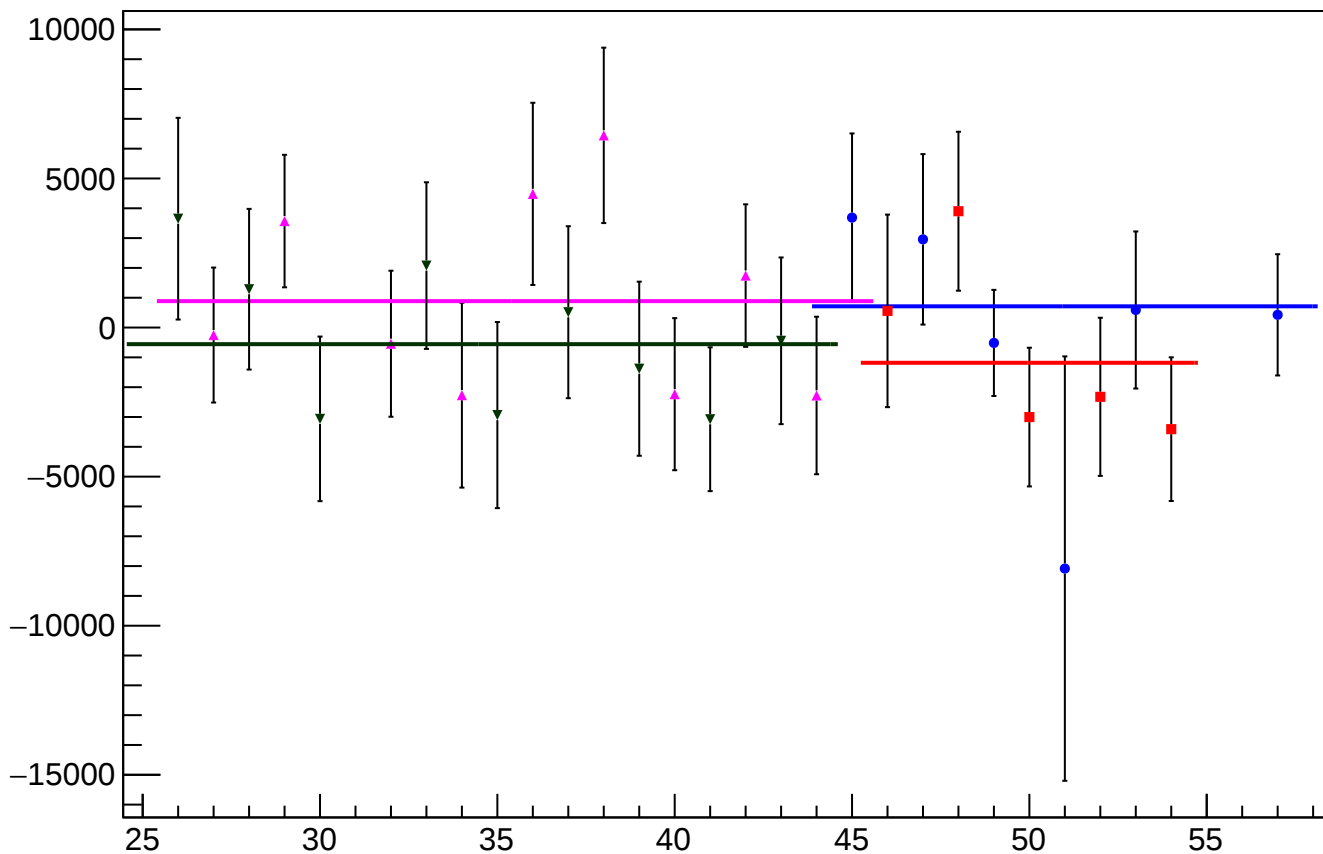
Right Out: 1609.916 $\pm$ 0.728 χ^2 /NDF: 32361.6/4

Left In: 1849.099 $\pm$ 0.555 χ^2 /NDF:109500.6/8

1738.530 $\pm$ 0.443 χ^2 /NDF: 334326.7/14

1761.171 $\pm$ 0.441 χ^2 /NDF: 210216.7/13

cor_sam8_mean vs slug



Right In: 711.948 $\pm$ 1015.660 χ^2 /NDF: 3.8/5

Left Out: -557.273 $\pm$ 942.969 χ^2 /NDF: 5.6/8

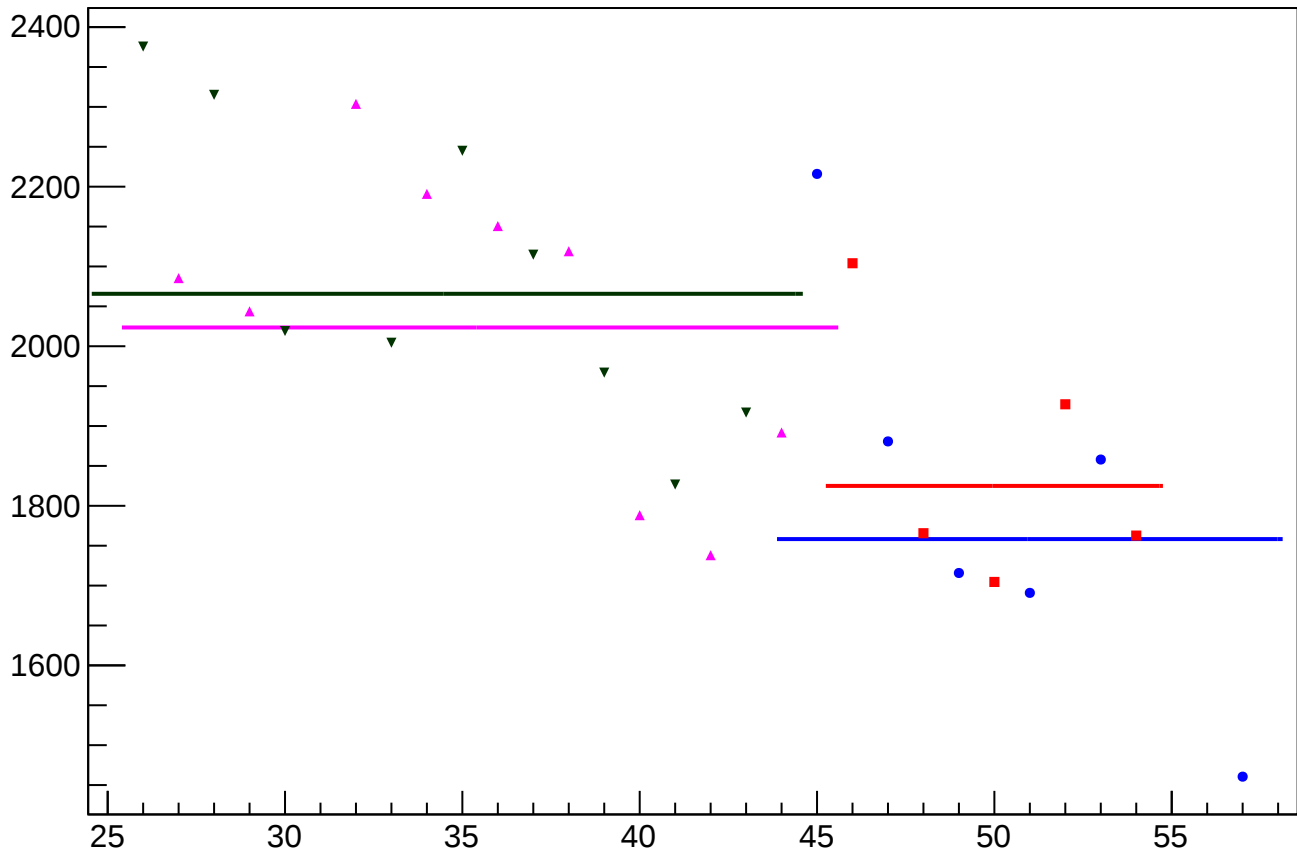
Right Out: -1181.579 $\pm$ 1165.696 χ^2 /NDF: 5.6/4

Left In: 886.158 $\pm$ 856.437 χ^2 /NDF: 11.1/8

30.297 $\pm$ 691.050 χ^2 /NDF: 10.2/14

161.295 $\pm$ 690.185 χ^2 /NDF: 18.7/13

cor_sam8_rms vs slug



Right In: 1758.295+/-0.718 χ^2/NDF : 103315.7/5

Left Out: 2065.730+/-0.667 χ^2/NDF : 70231.7/8

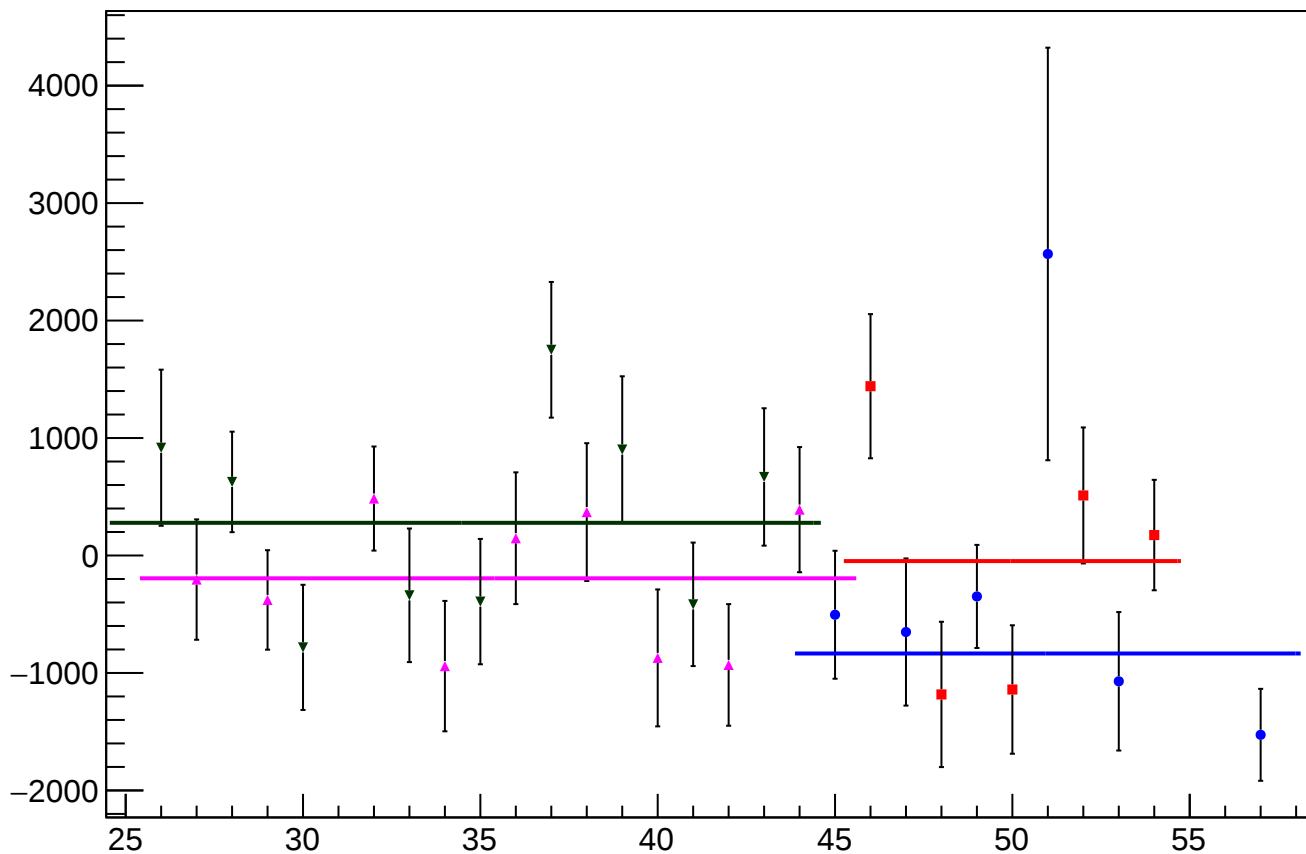
1923.407+/-0.489 χ^2/NDF : 271963.5/14

Right Out: 1824.941+/-0.824 χ^2/NDF : 25595.7/4

1953.906+/-0.488 χ^2/NDF : 153064.3/13

Left In: 2023.519+/-0.606 χ^2/NDF : 89775.7/8

reg_asym_sam1_mean vs slug



Right In: -834.203 ± 219.041 χ^2/NDF : 8.7/5

Left Out: 278.172 ± 182.670 χ^2/NDF : 18.0/8

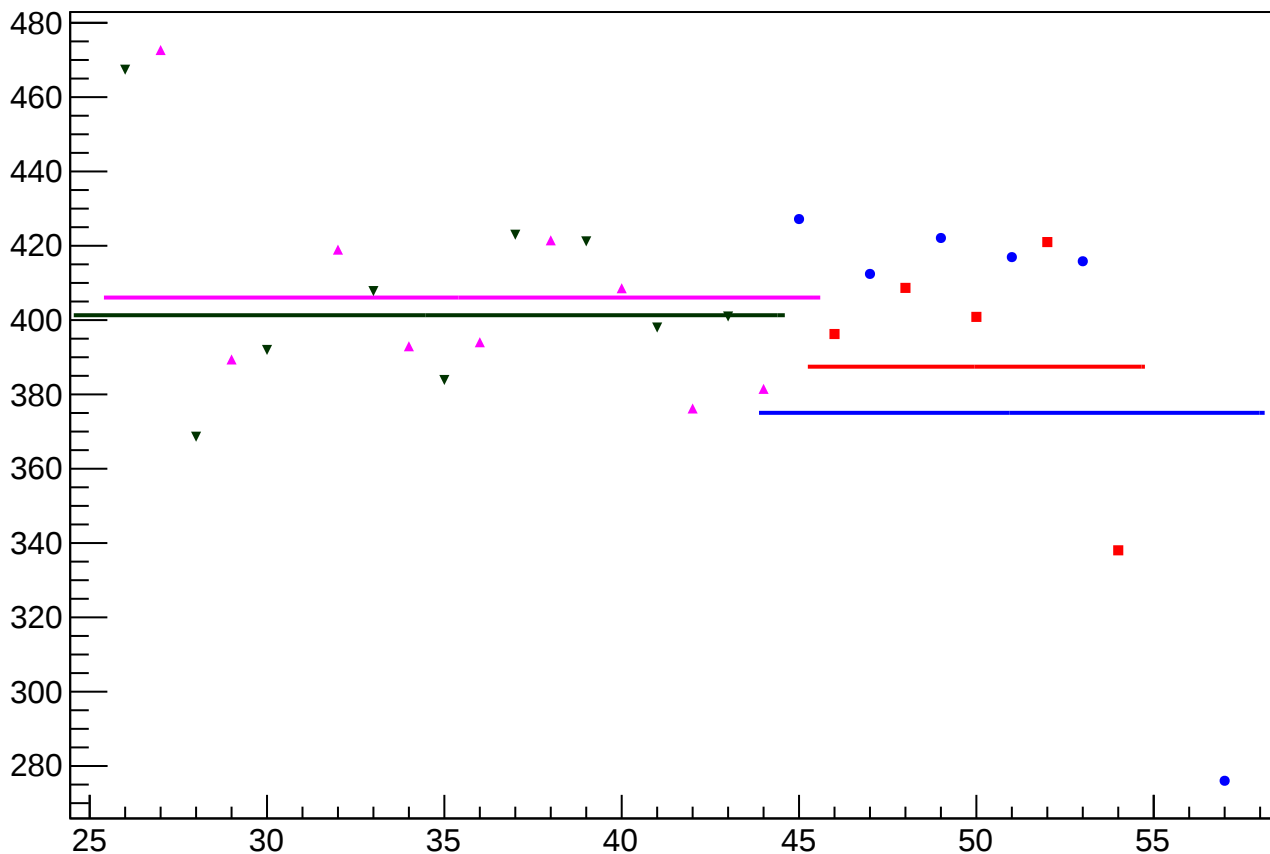
Right Out: -47.586 ± 249.030 χ^2/NDF : 14.4/4

Left In: -194.244 ± 171.477 χ^2/NDF : 10.2/8

-178.118 ± 140.288 χ^2/NDF : 41.9/14

-147.073 ± 141.233 χ^2/NDF : 24.9/13

reg_asym_sam1_rms vs slug



Right In: 375.043+/-0.155 χ^2/NDF : 187176.9/5

Left Out: 401.310+/-0.129 χ^2/NDF : 39388.5/8

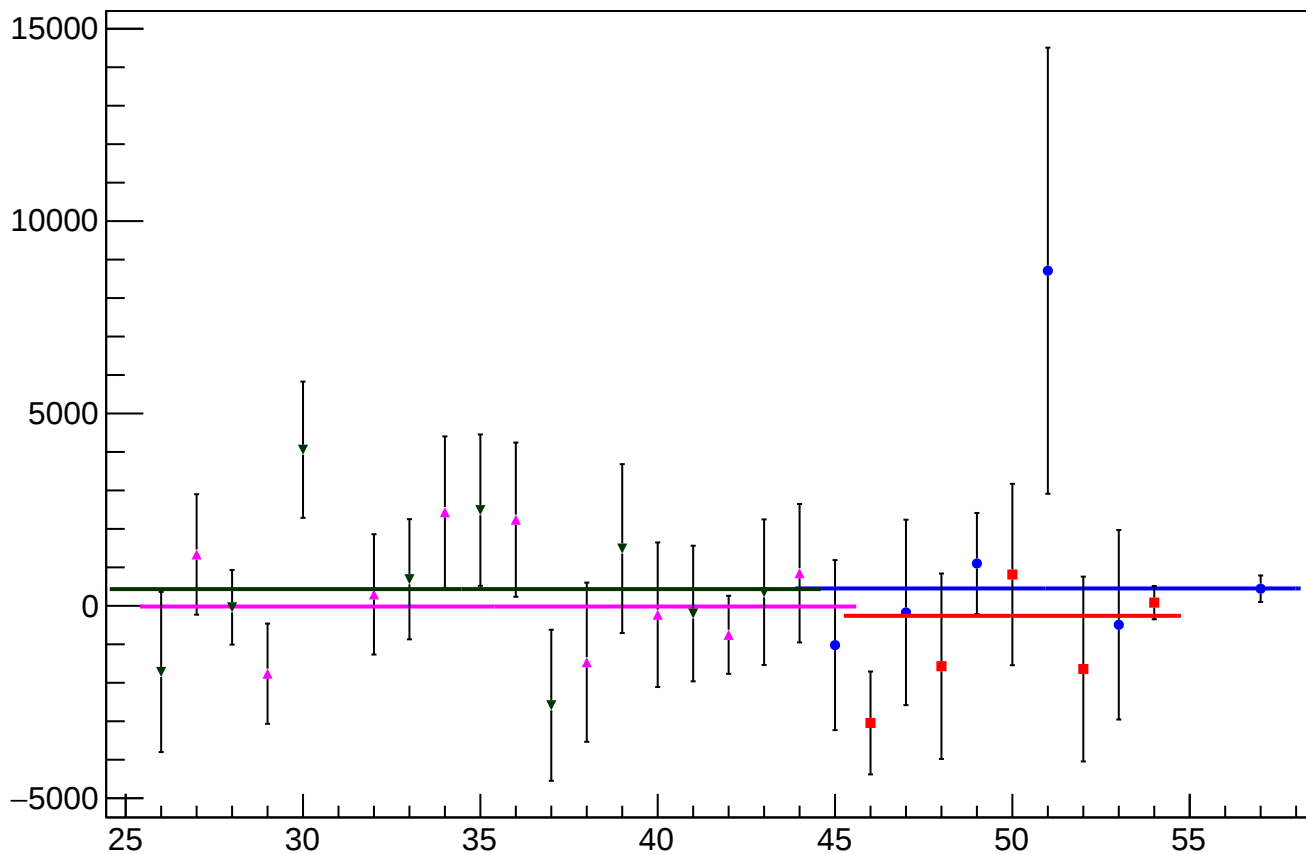
Right Out: 387.461+/-0.176 χ^2/NDF : 32783.1/4

Left In: 406.066+/-0.121 χ^2/NDF : 52953.2/8

390.535+/-0.099 χ^2/NDF : 243528.6/14

400.082+/-0.100 χ^2/NDF : 93308.7/13

asym_sam1_correction_mean vs slug



Right In: 452.125 ± 322.689 χ^2/NDF : 2.9/5

Left Out: 434.930 ± 546.579 χ^2/NDF : 9.3/8

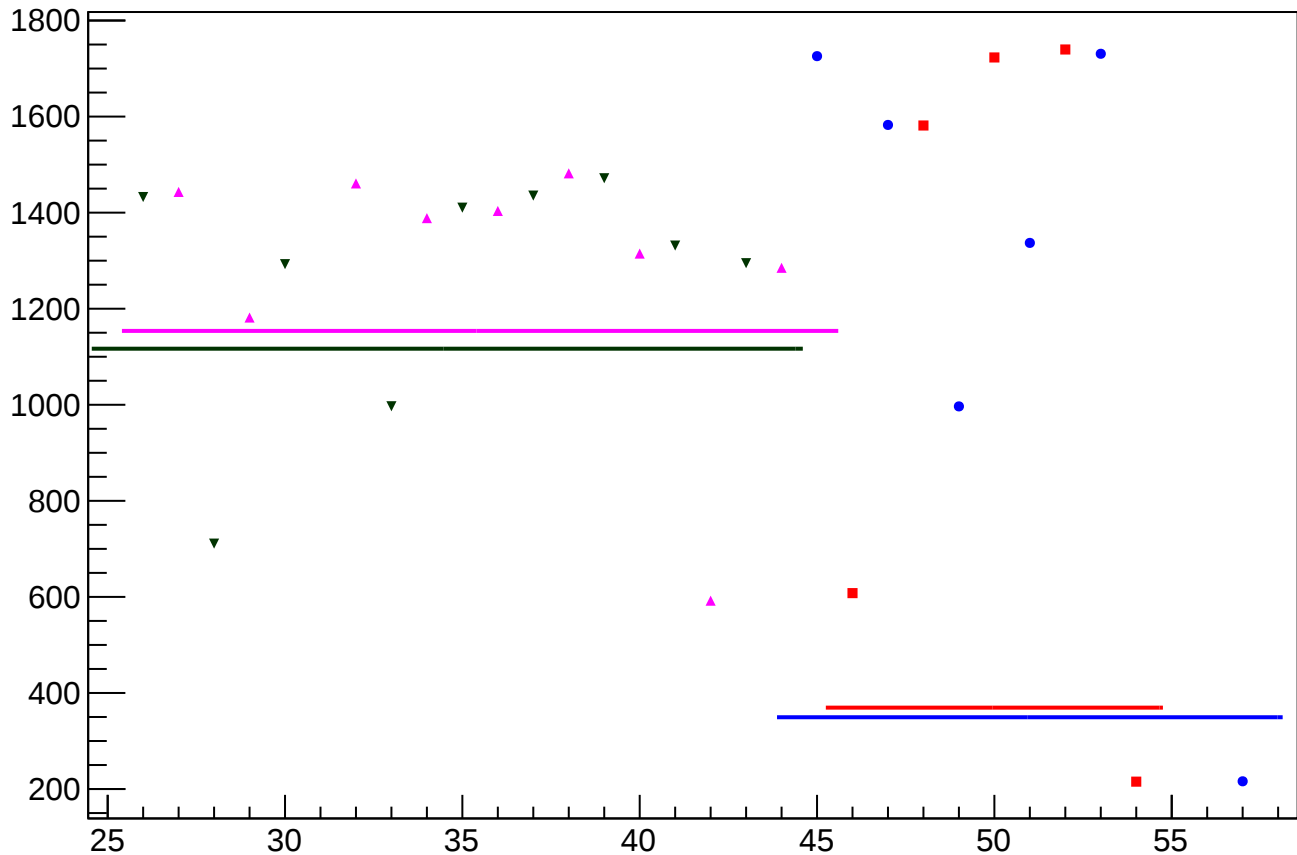
Right Out: -258.792 ± 394.478 χ^2/NDF : 5.8/4

Left In: -17.108 ± 519.136 χ^2/NDF : 6.7/8

447.681 ± 277.876 χ^2/NDF : 12.3/14

-170.324 ± 314.087 χ^2/NDF : 12.6/13

asym_sam1_correction_rms vs slug



Right In: 349.462+/-0.228 χ^2/NDF : 2773811.1/5

Left Out: 1116.751+/-0.386 χ^2/NDF : 624096.5/8

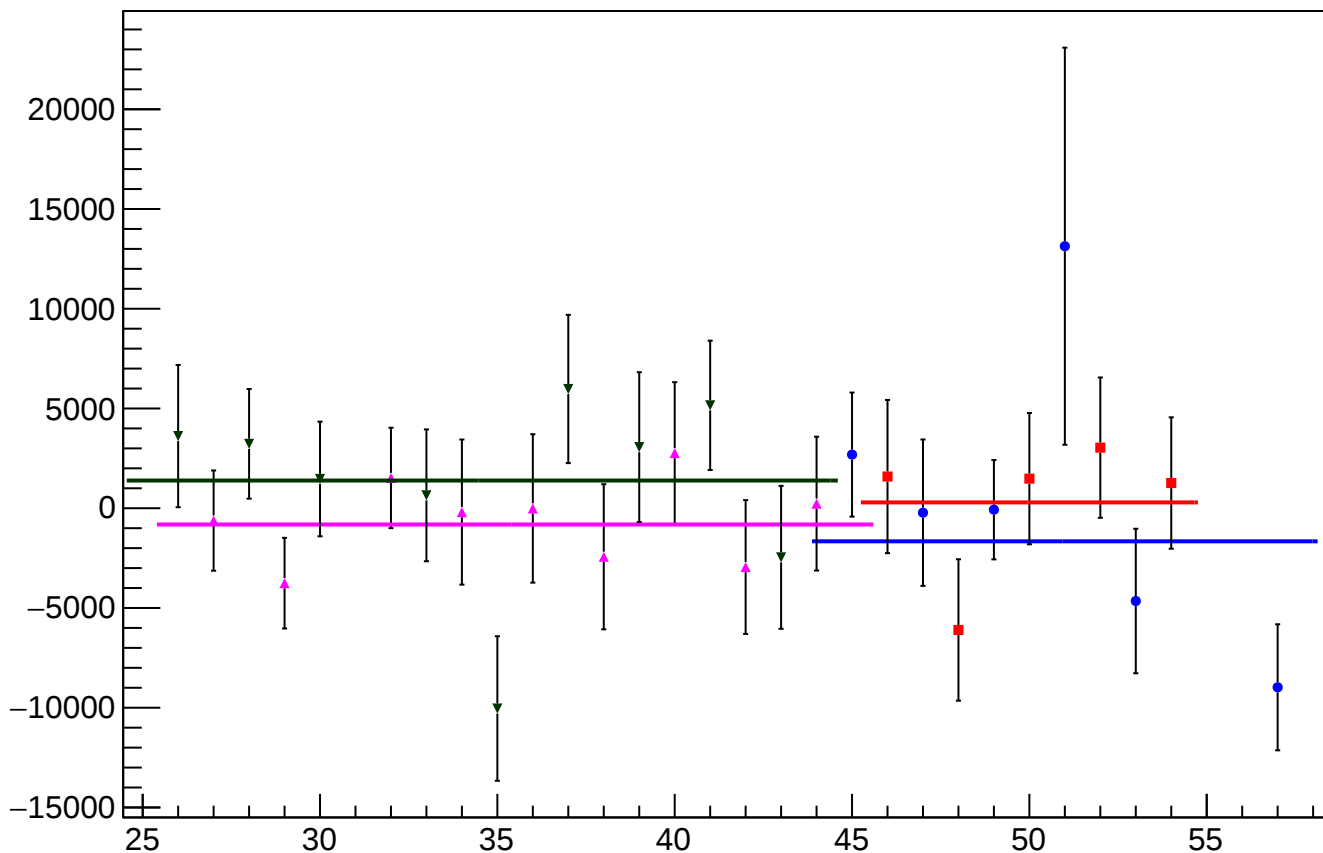
Right Out: 369.467+/-0.279 χ^2/NDF : 2133384.3/4

Left In: 1153.785+/-0.367 χ^2/NDF : 894420.7/8

547.777+/-0.196 χ^2/NDF : 6320550.9/14

656.566+/-0.222 χ^2/NDF : 5921870.9/13

reg_asym_sam2_mean vs slug



Right In: -1658.803 $\pm$ 1379.589 χ^2/NDF : 10.8/5

Left Out: 1388.791 $\pm$ 1106.824 χ^2/NDF : 15.1/8

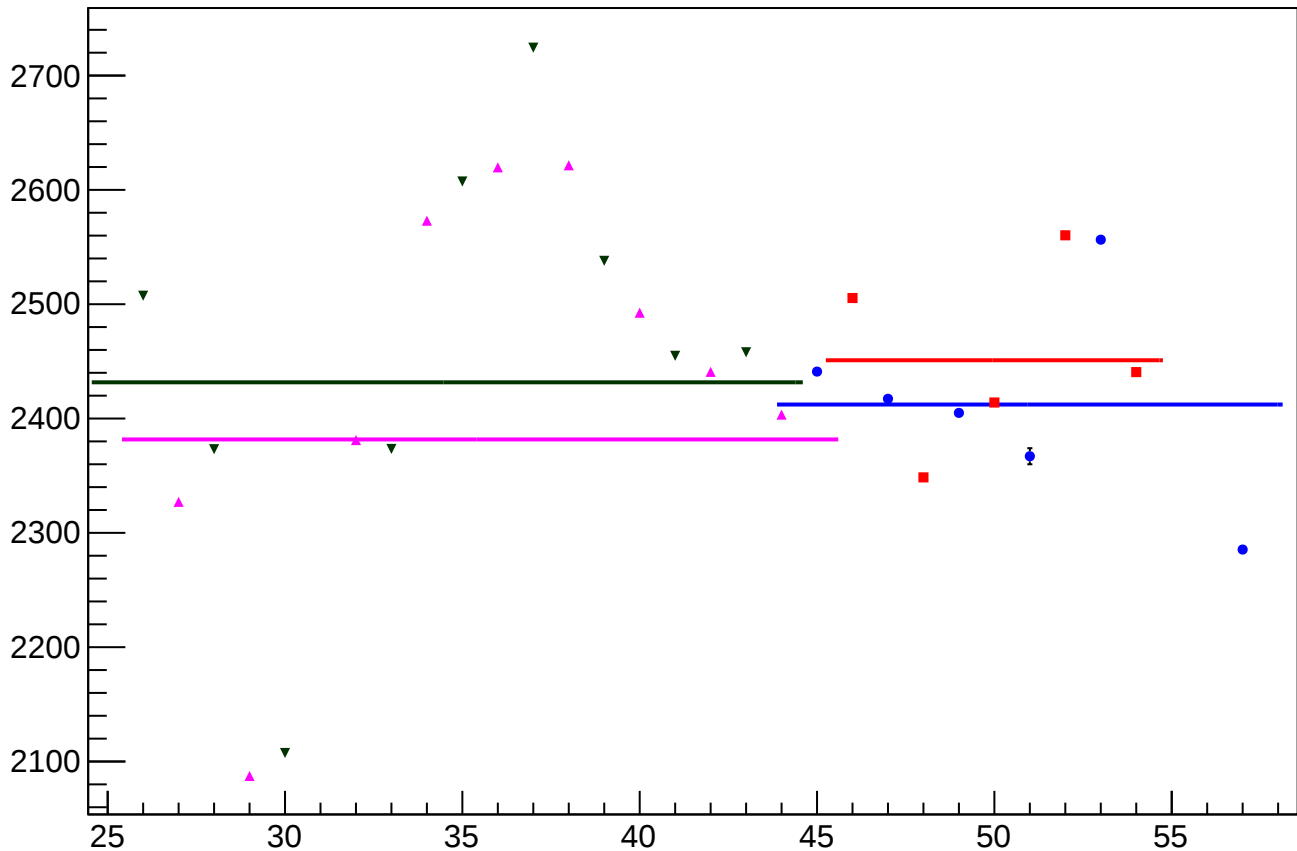
Right Out: 292.481 $\pm$ 1556.744 χ^2/NDF : 4.2/4

Left In: -815.233 $\pm$ 1004.854 χ^2/NDF : 4.3/8

195.345 $\pm$ 863.321 χ^2/NDF : 28.8/14

-489.444 $\pm$ 844.251 χ^2/NDF : 8.9/13

reg_asym_sam2_rms vs slug



Right In: 2412.256 $\pm$ 0.976 χ^2 /NDF: 6628.5/5

Left Out: 2431.683 $\pm$ 0.783 χ^2 /NDF: 46819.5/8

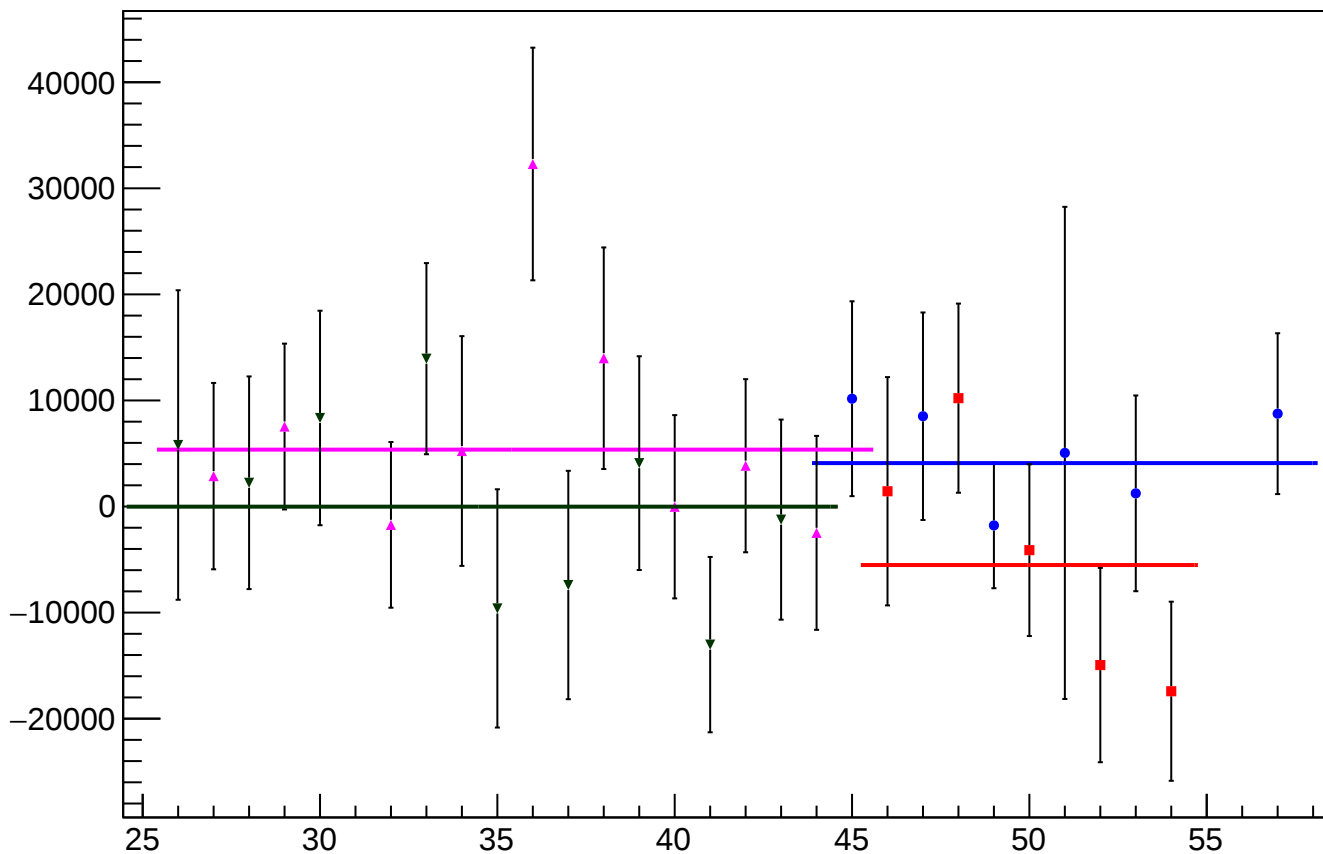
Right Out: 2450.971 $\pm$ 1.101 χ^2 /NDF: 4275.0/4

Left In: 2381.709 $\pm$ 0.711 χ^2 /NDF: 59588.8/8

2424.075 $\pm$ 0.610 χ^2 /NDF: 53689.3/14

2402.080 $\pm$ 0.597 χ^2 /NDF: 66658.5/13

asym_sam2_correction_mean vs slug



Right In: 4094.844+/-3496.200 χ^2/NDF : 2.1/5

Left Out: -13.656+/-3351.634 χ^2/NDF : 7.1/8

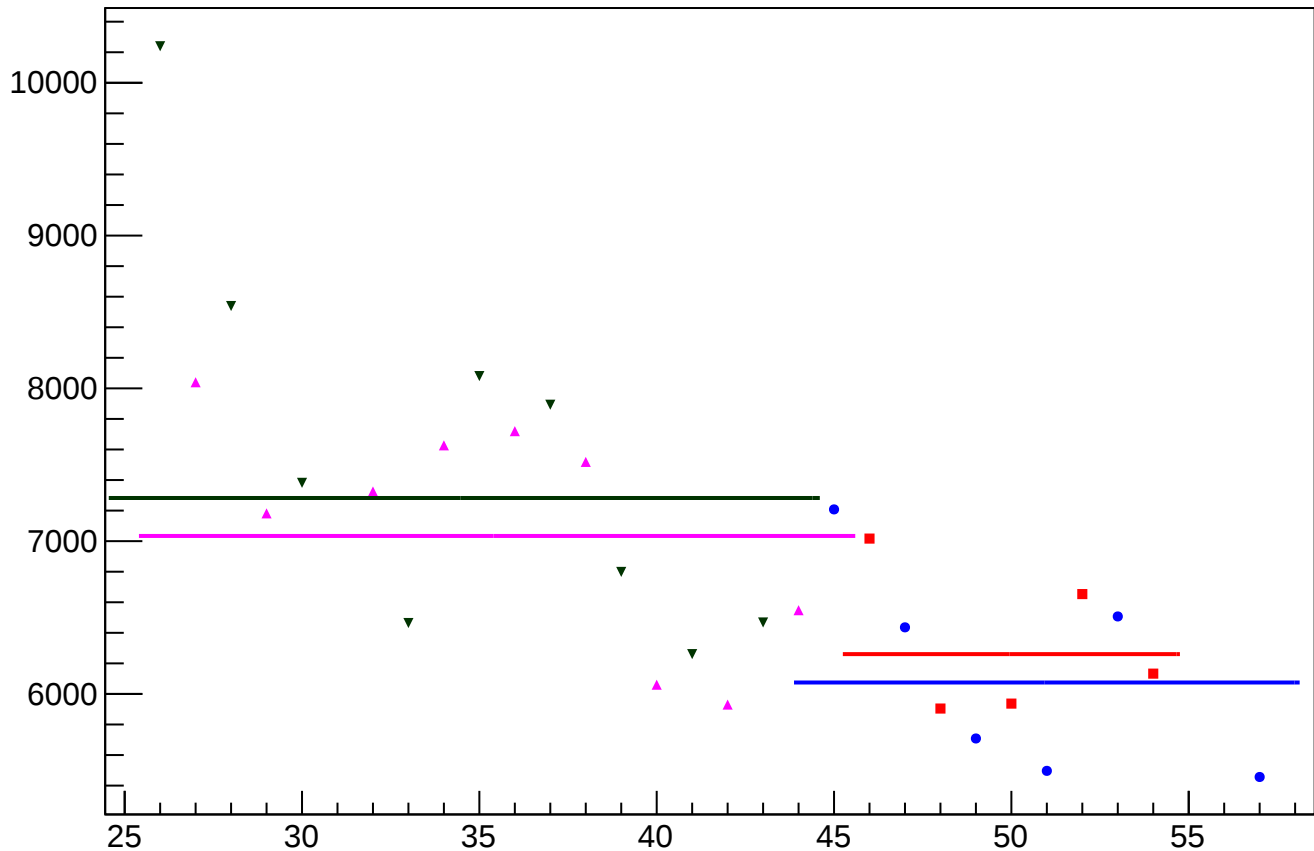
Right Out: -5516.221+/-4003.027 χ^2/NDF : 6.6/4

Left In: 5363.340+/-2986.715 χ^2/NDF : 8.9/8

1953.897+/-2419.457 χ^2/NDF : 10.0/14

1472.702+/-2393.830 χ^2/NDF : 20.2/13

asym_sam2_correction_rms vs slug



Right In: 6074.850+/-2.472 χ^2/NDF : 59740.2/5

Left Out: 7282.484+/-2.370 χ^2/NDF :196859.8/8

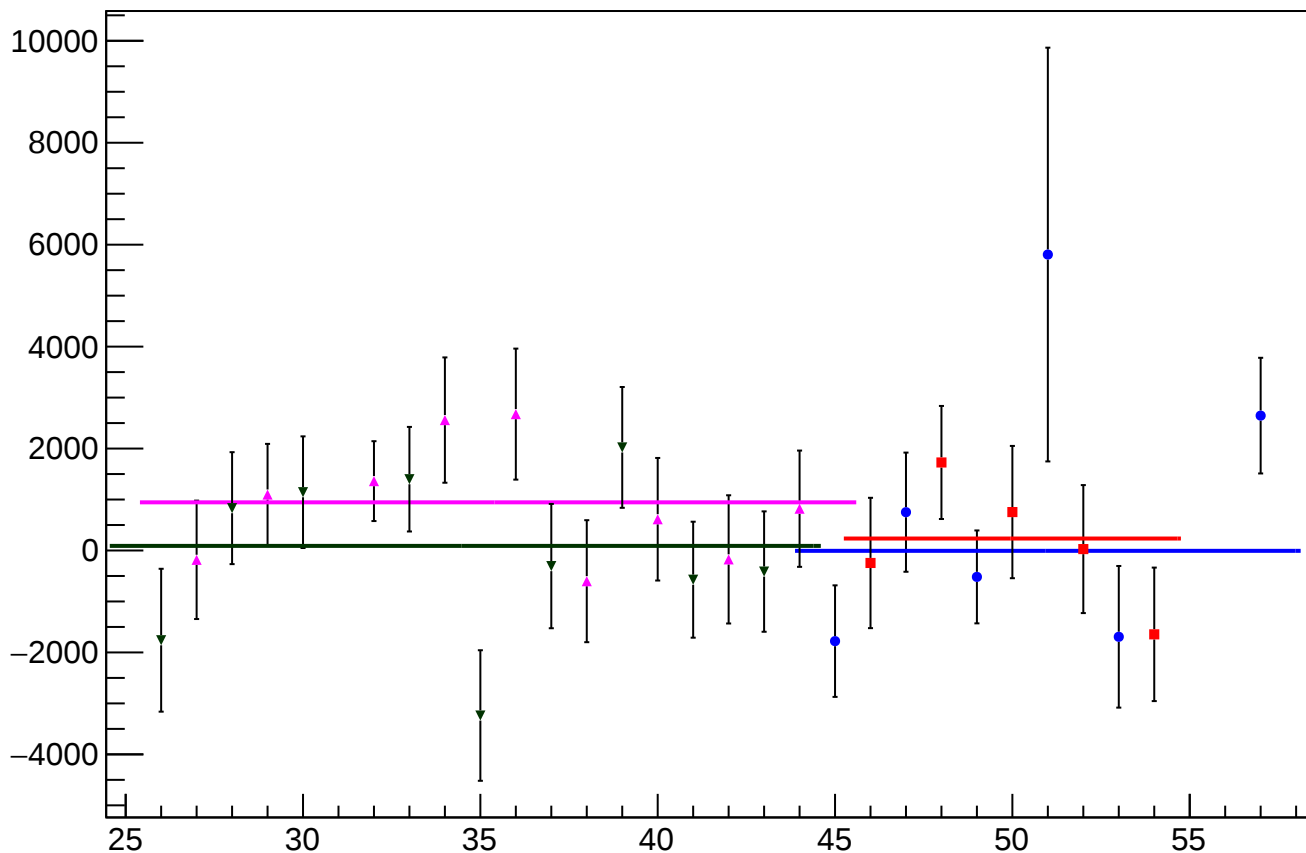
Right Out: 6260.610+/-2.831 χ^2/NDF : 20404.7/4

Left In: 7034.023+/-2.112 χ^2/NDF :115477.2/8

6704.150+/-1.711 χ^2/NDF : 380945.7/14

6757.443+/-1.693 χ^2/NDF : 183841.3/13

reg_asym_sam3_mean vs slug



Right In: -6.713+/-492.298 χ^2/NDF : 12.3/5

Left Out: 90.339+/-389.088 χ^2/NDF : 14.8/8

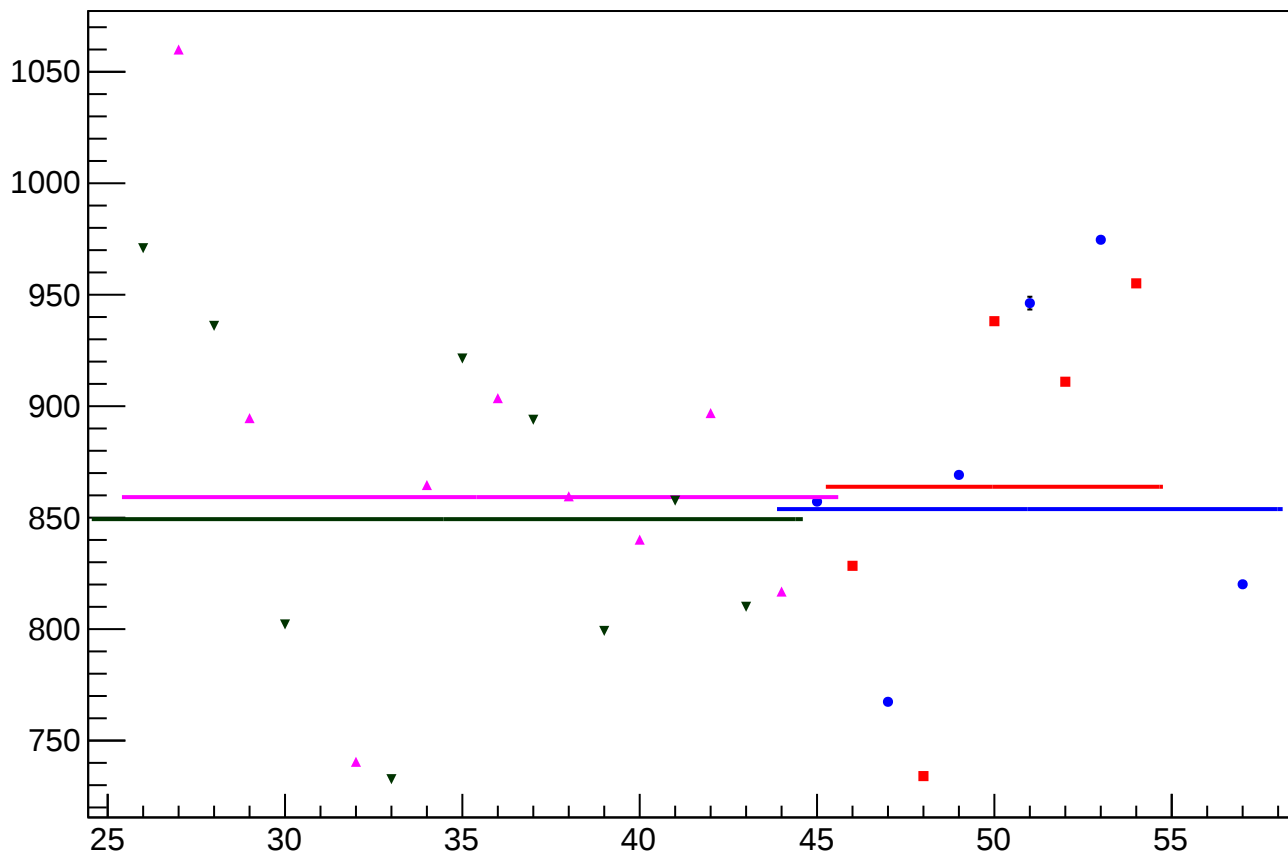
Right Out: 234.845+/-555.919 χ^2/NDF : 4.2/4

Left In: 944.816+/-366.628 χ^2/NDF : 7.3/8

53.024+/-305.258 χ^2/NDF : 27.2/14

729.619+/-306.062 χ^2/NDF : 12.7/13

reg_asym_sam3_rms vs slug



Right In: 853.840 $\pm$ 0.348 χ^2 /NDF: 29446.5/5

Left Out: 849.335 $\pm$ 0.275 χ^2 /NDF: 71988.4/8

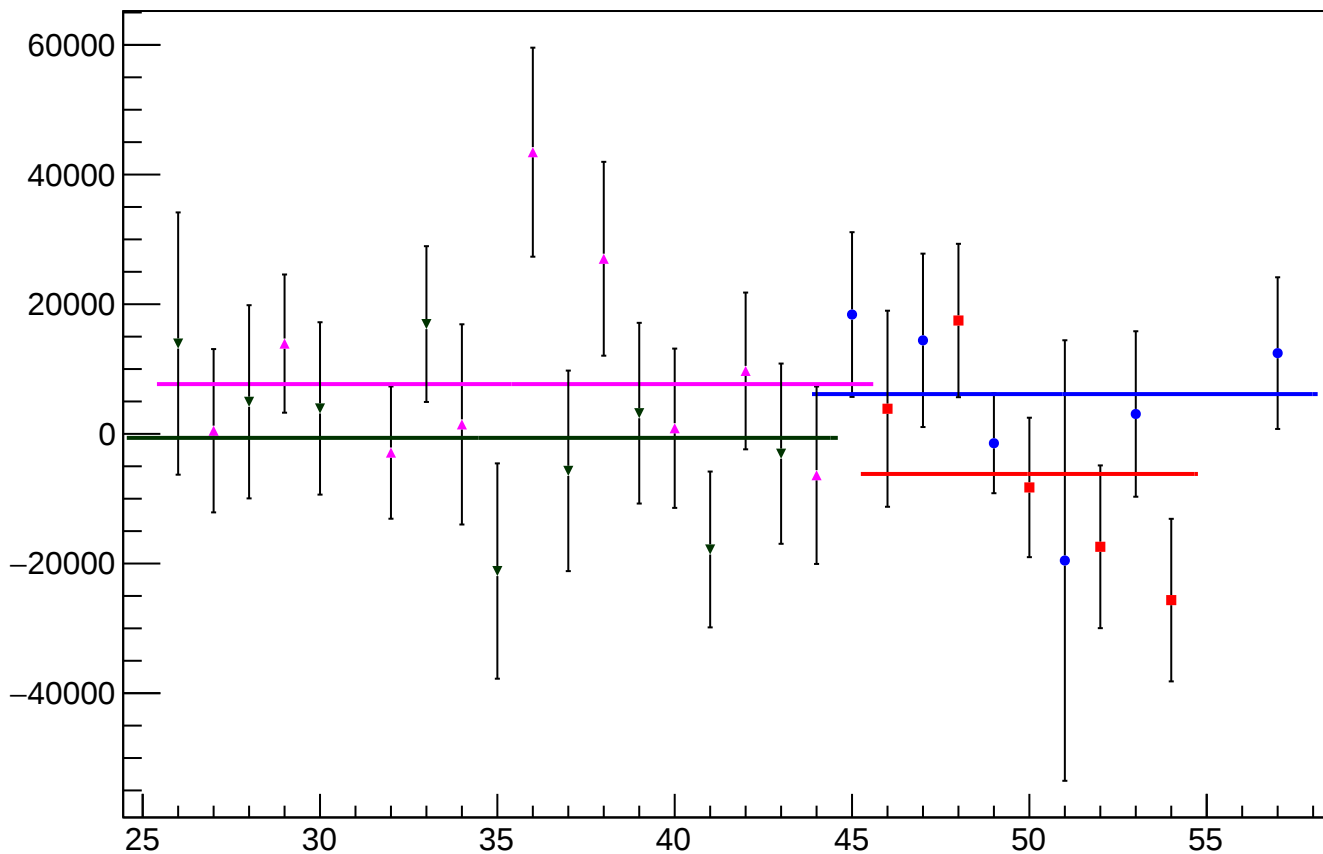
Right Out: 863.859 $\pm$ 0.393 χ^2 /NDF: 48002.1/4

Left In: 859.215 $\pm$ 0.259 χ^2 /NDF: 115716.9/8

851.067 $\pm$ 0.216 χ^2 /NDF: 101538.1/14

860.623 $\pm$ 0.216 χ^2 /NDF: 163816.3/13

asym_sam3_correction_mean vs slug



Right In: 6137.219 ± 4827.099 χ^2/NDF : 3.2/5

Left Out: -616.435 ± 4735.998 χ^2/NDF : 6.7/8

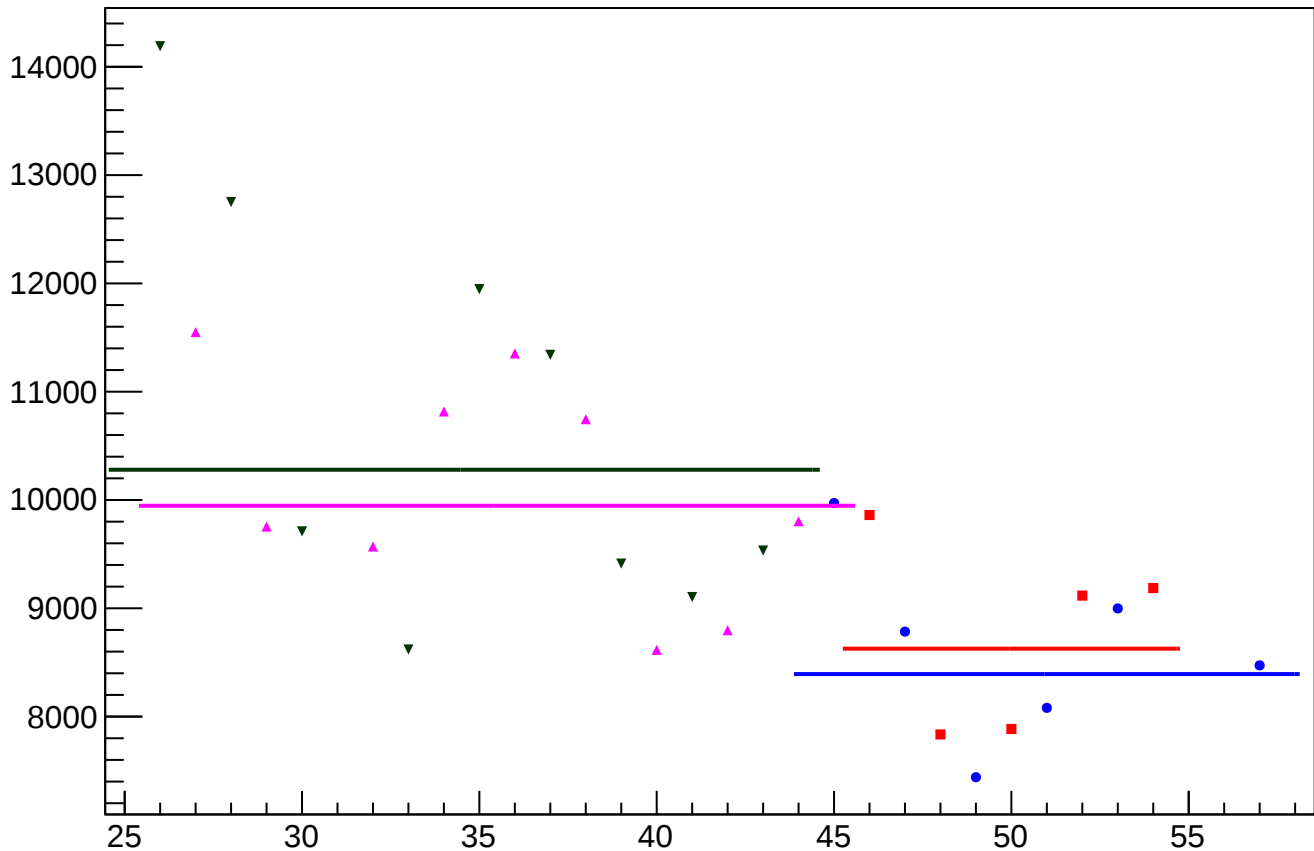
Right Out: -6181.409 ± 5515.579 χ^2/NDF : 7.7/4

Left In: 7678.057 ± 4224.700 χ^2/NDF : 9.9/8

2696.060 ± 3380.605 χ^2/NDF : 10.9/14

2553.414 ± 3353.896 χ^2/NDF : 21.6/13

asym_sam3_correction_rms vs slug



Right In: 8392.541+/-3.413 χ^2/NDF : 67914.6/5

Left Out: 10279.392+/-3.349 χ^2/NDF : 233836.0/8

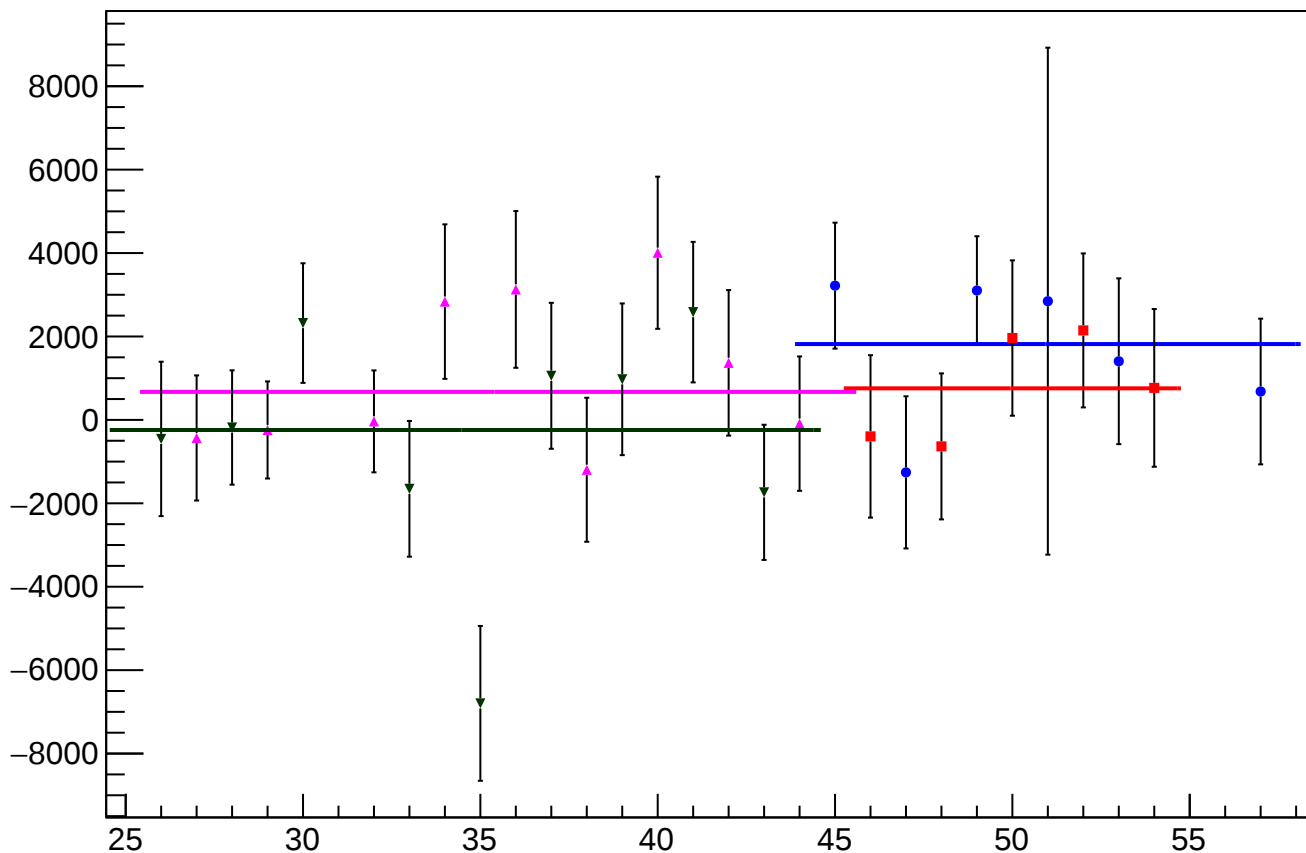
9353.940+/-2.390 χ^2/NDF : 457454.2/14

Right Out: 8627.164+/-3.900 χ^2/NDF : 38825.7/4

9458.875+/-2.372 χ^2/NDF : 215821.5/13

Left In: 9946.833+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: 1818.023 $\pm$ 718.224 χ^2/NDF : 5.2/5

Left Out: -242.182 $\pm$ 547.136 χ^2/NDF : 21.1/8

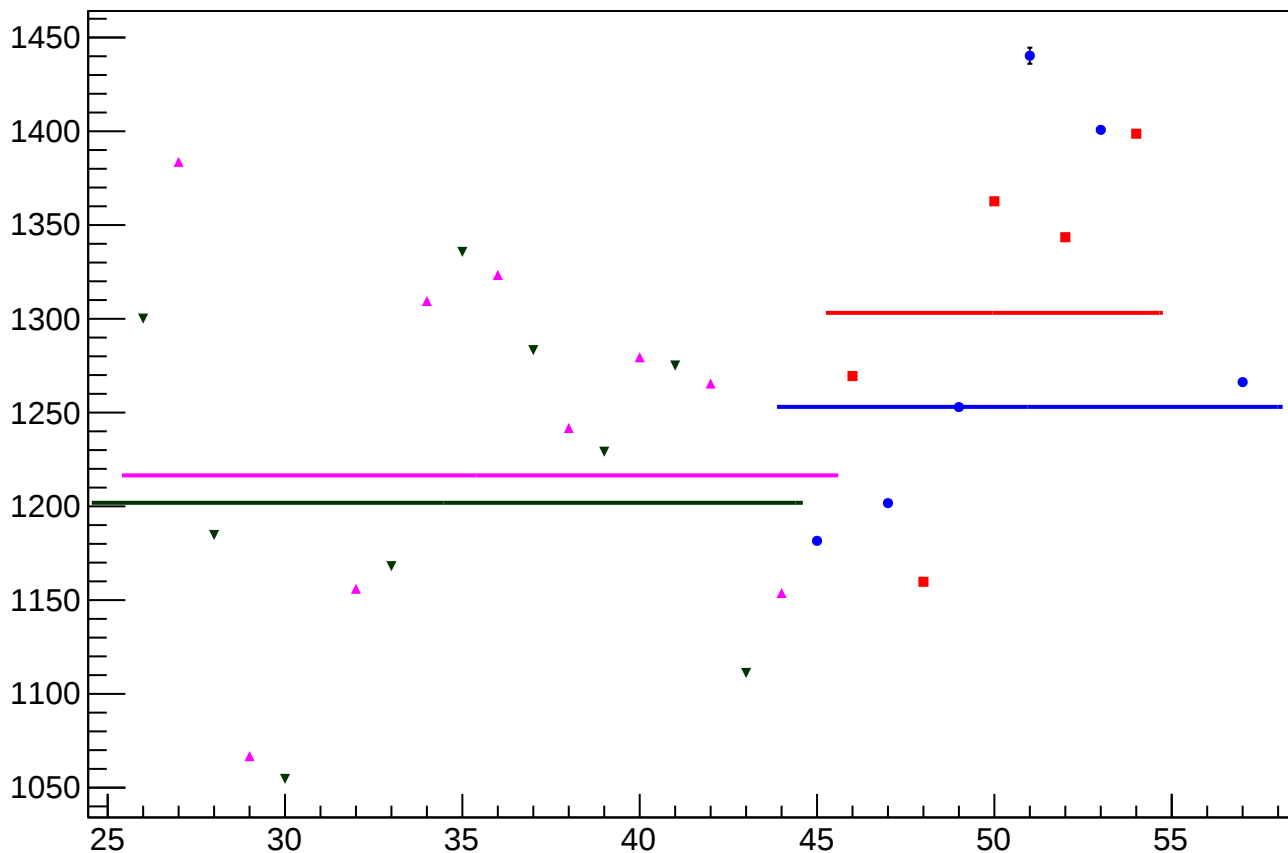
Right Out: 756.580 $\pm$ 830.040 χ^2/NDF : 2.0/4

Left In: 671.583 $\pm$ 514.509 χ^2/NDF : 9.5/8

514.363 $\pm$ 435.233 χ^2/NDF : 31.5/14

695.176 $\pm$ 437.310 χ^2/NDF : 11.4/13

reg_asym_sam4_rms vs slug



Right In: 1253.037 $\pm$ 0.508 χ^2 /NDF: 19120.2/5

Left Out: 1201.899 $\pm$ 0.387 χ^2 /NDF: 53101.4/8

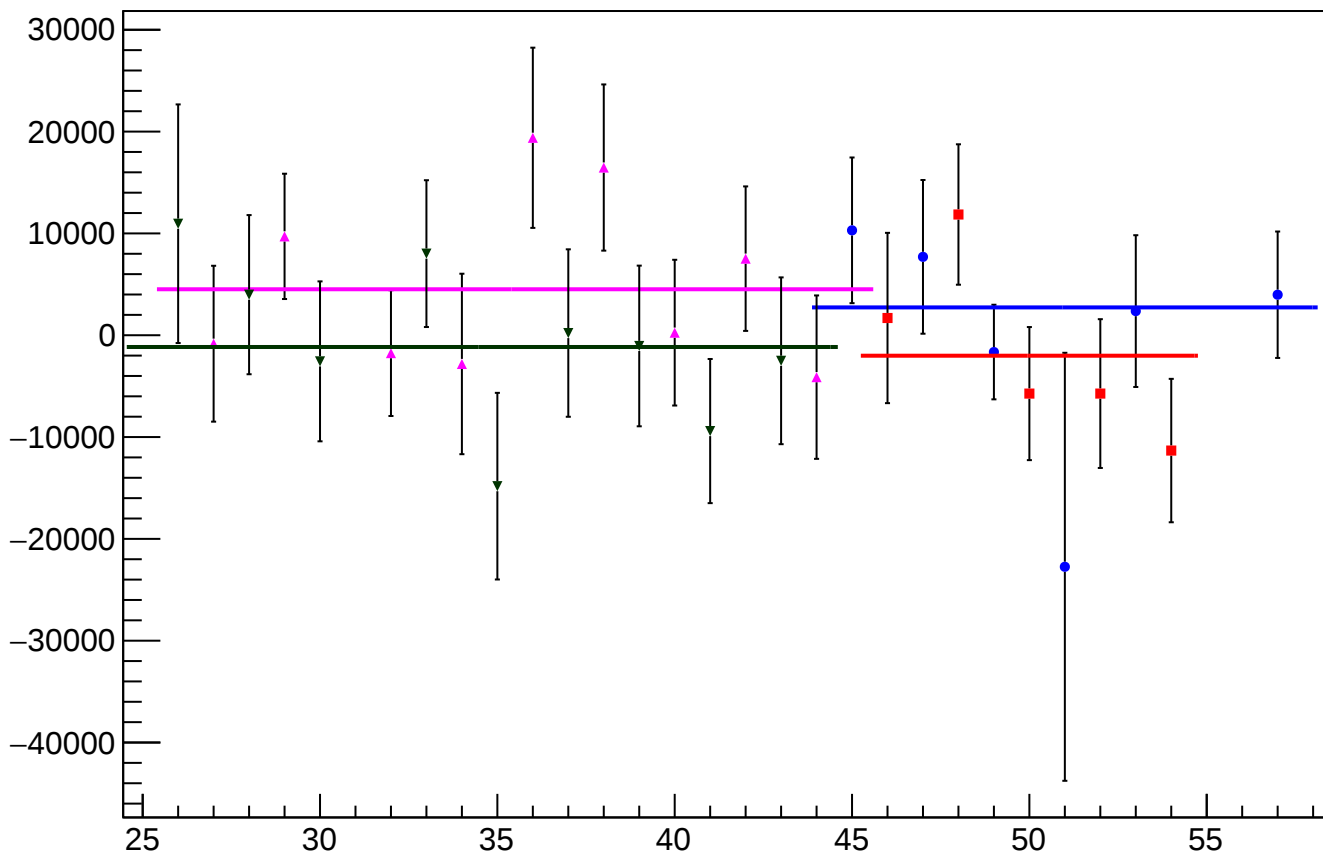
Right Out: 1303.186 $\pm$ 0.587 χ^2 /NDF: 22120.0/4

Left In: 1216.519 $\pm$ 0.364 χ^2 /NDF: 81775.0/8

1220.678 $\pm$ 0.308 χ^2 /NDF: 78637.6/14

1240.576 $\pm$ 0.309 χ^2 /NDF: 119646.9/13

asym_sam4_correction_mean vs slug



Right In: 2733.184 ± 2777.339 $\chi^2/\text{NDF}: 4.0/5$

Left Out: -1154.532 ± 2704.371 $\chi^2/\text{NDF}: 6.8/8$

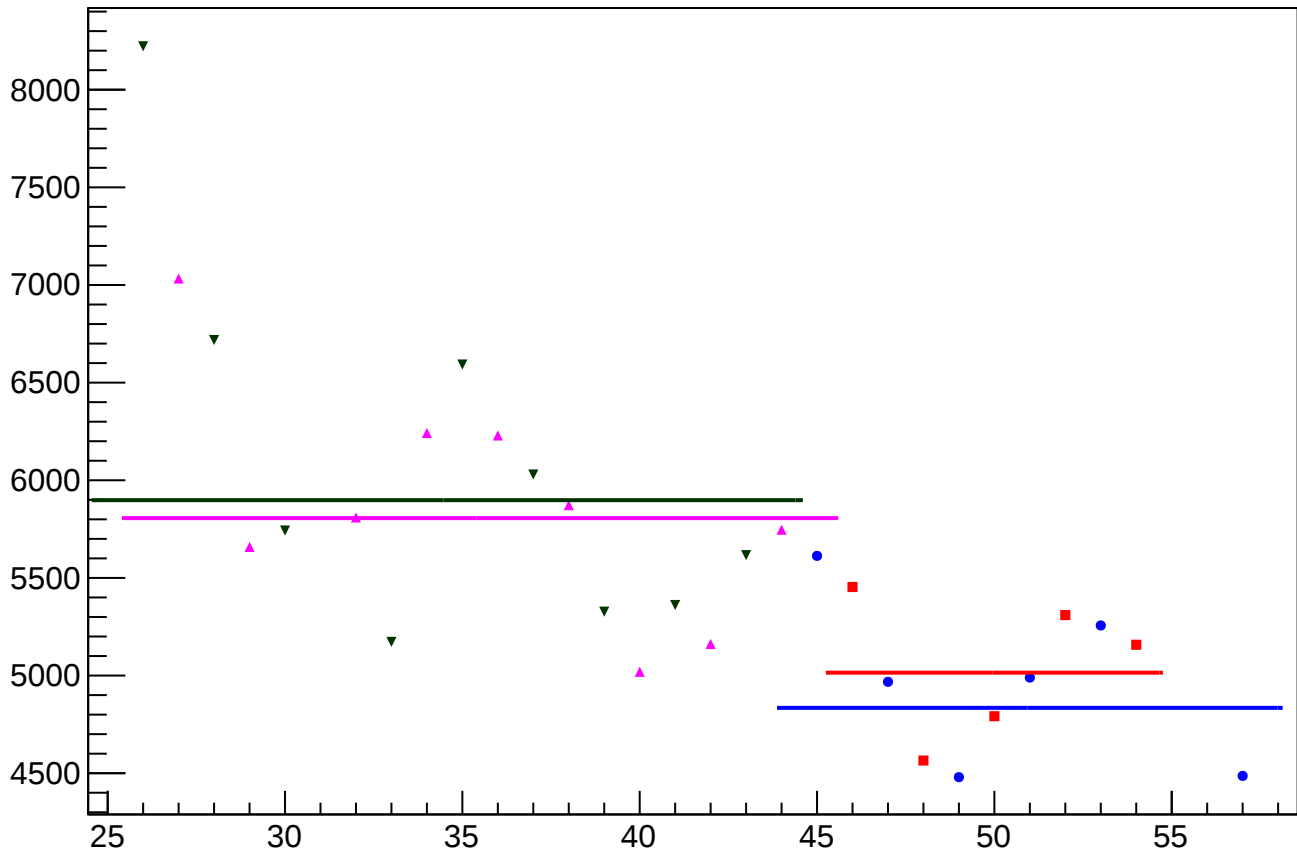
Right Out: -2010.815 ± 3200.246 $\chi^2/\text{NDF}: 6.6/4$

Left In: 4514.840 ± 2460.865 $\chi^2/\text{NDF}: 9.6/8$

737.585 ± 1937.562 $\chi^2/\text{NDF}: 11.8/14$

2090.015 ± 1950.794 $\chi^2/\text{NDF}: 18.8/13$

asym_sam4_correction_rms vs slug



Right In: 4834.724+/-1.964 χ^2/NDF : 48784.4/5

Left Out: 5898.122+/-1.912 χ^2/NDF :158096.1/8

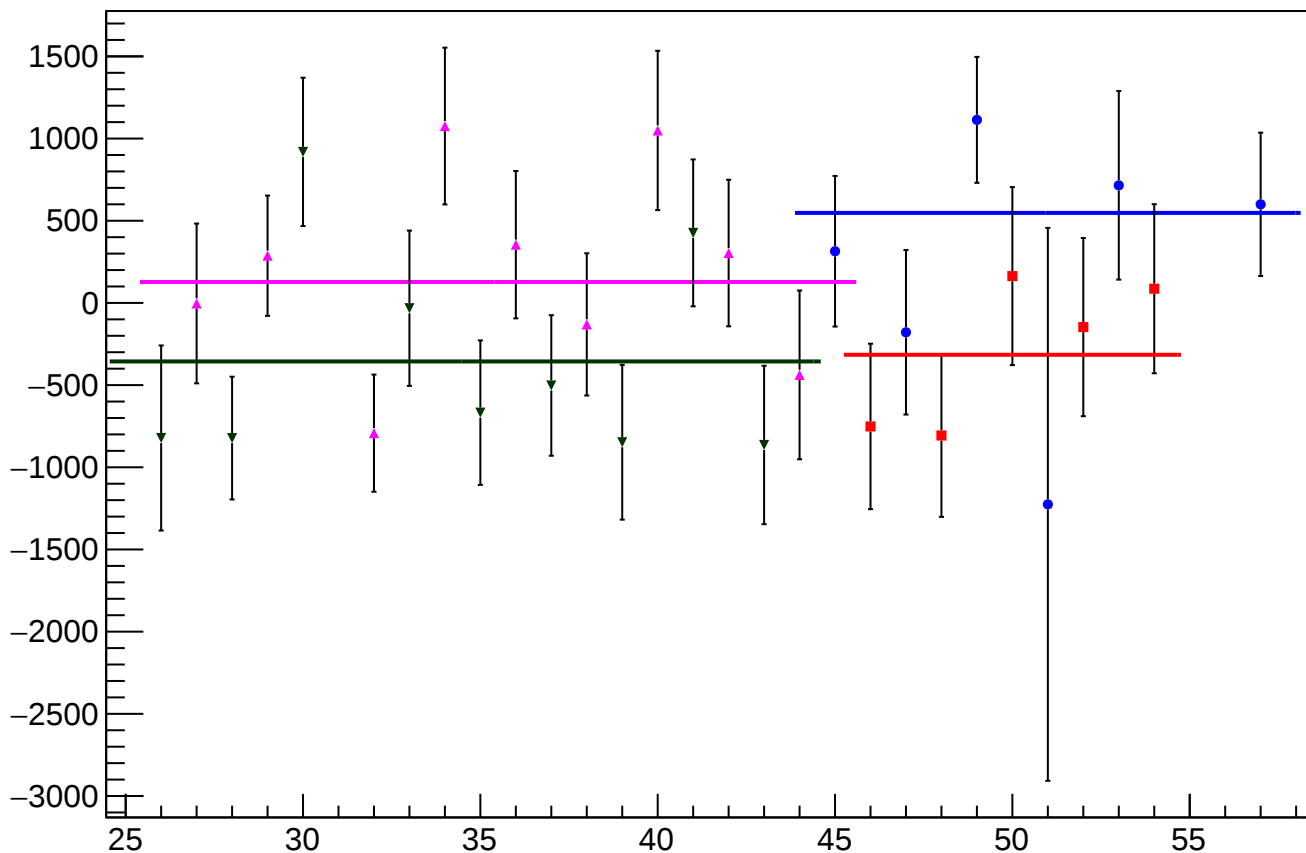
Right Out: 5014.794+/-2.263 χ^2/NDF : 20424.7/4

Left In: 5806.244+/-1.740 χ^2/NDF :102859.9/8

5380.576+/-1.370 χ^2/NDF : 357382.7/14

5512.154+/-1.379 χ^2/NDF : 200155.0/13

reg_asym_sam5_mean vs slug



Right In: 547.772 $\pm$ 203.188 χ^2 /NDF: 5.8/5

Left Out: -356.000 $\pm$ 150.426 χ^2 /NDF:16.6/8

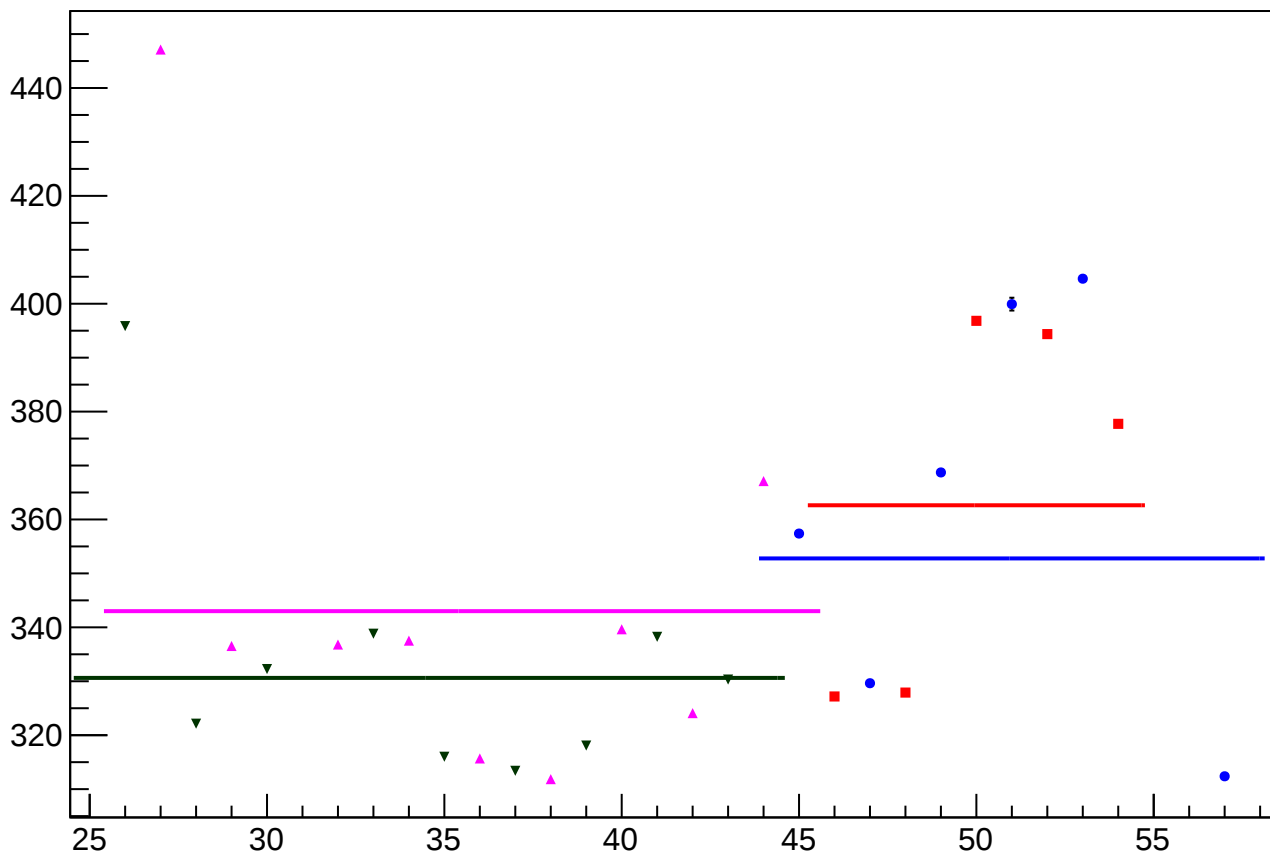
Right Out: -315.527 $\pm$ 231.737 χ^2 /NDF: 3.2/4

Left In: 127.293 $\pm$ 145.286 χ^2 /NDF:16.5/8

-36.026 $\pm$ 120.900 χ^2 /NDF: 35.1/14

2.349 $\pm$ 123.095 χ^2 /NDF: 22.3/13

reg_asym_sam5_rms vs slug



Right In: 352.776 ± 0.144 χ^2/NDF : 43024.8/5

Left Out: 330.623 ± 0.106 χ^2/NDF : 35956.4/8

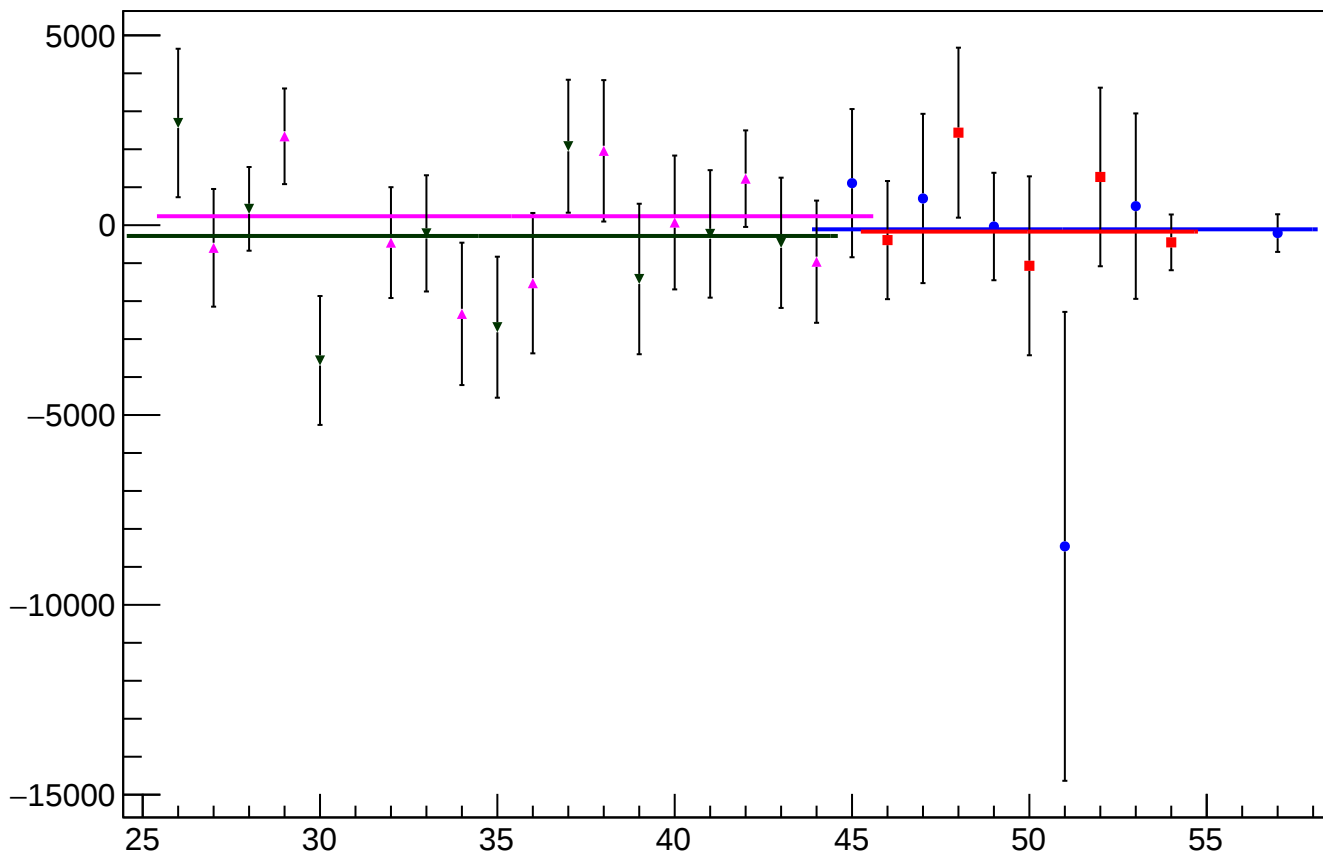
Right Out: 362.632 ± 0.164 χ^2/NDF : 36321.1/4

Left In: 342.999 ± 0.103 χ^2/NDF : 119222.1/8

338.466 ± 0.085 χ^2/NDF : 94337.6/14

348.538 ± 0.087 χ^2/NDF : 165848.2/13

asym_sam5_correction_mean vs slug



Right In: -108.940 ± 437.564 χ^2/NDF : 2.5/5

Left Out: -283.767 ± 540.454 χ^2/NDF : 10.3/8

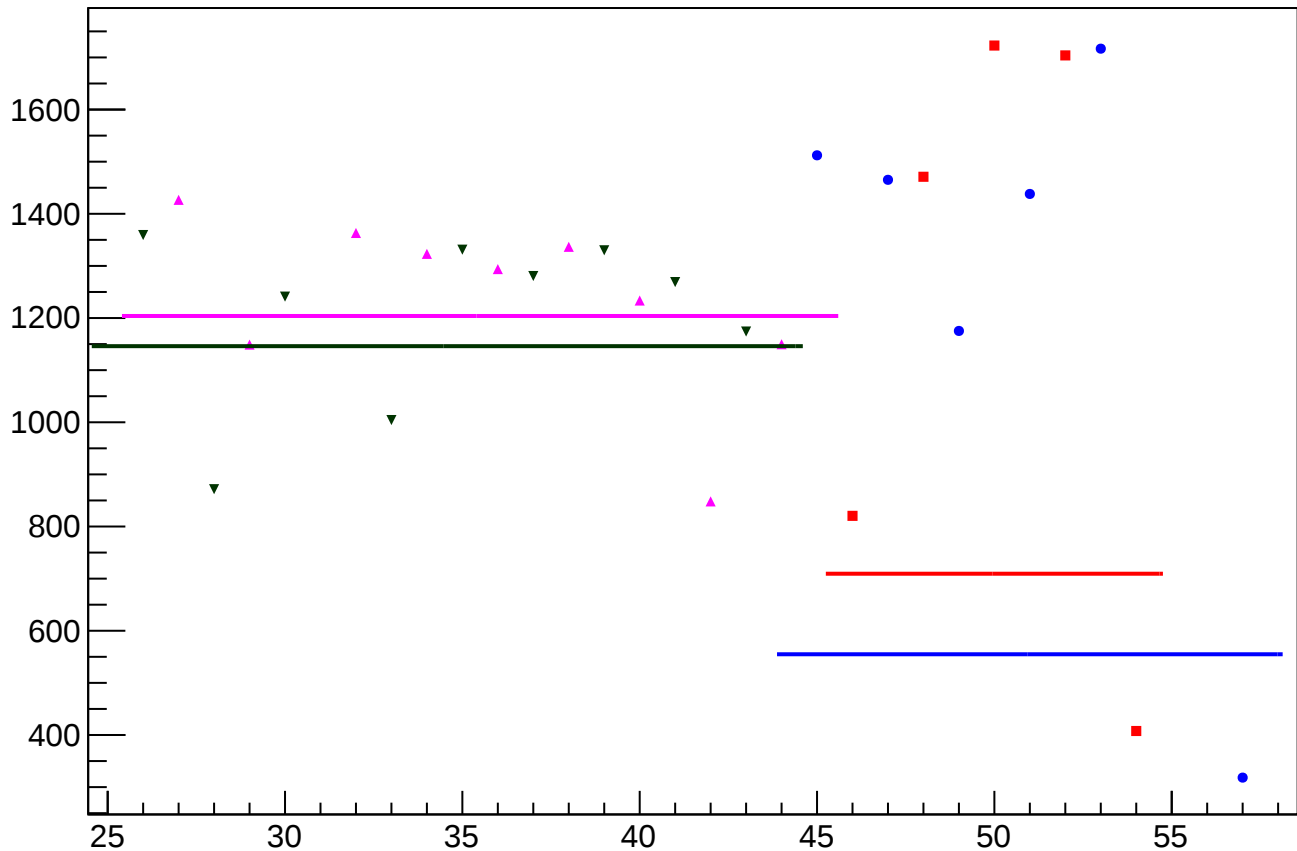
Right Out: -169.131 ± 594.474 χ^2/NDF : 2.0/4

Left In: 235.887 ± 519.362 χ^2/NDF : 8.1/8

-178.163 ± 340.078 χ^2/NDF : 12.8/14

60.567 ± 391.121 χ^2/NDF : 10.4/13

asym_sam5_correction_rms vs slug



Right In: 554.893+/-0.309 χ^2/NDF : 2148168.2/5

Left Out: 1146.036+/-0.382 χ^2/NDF : 231345.1/8

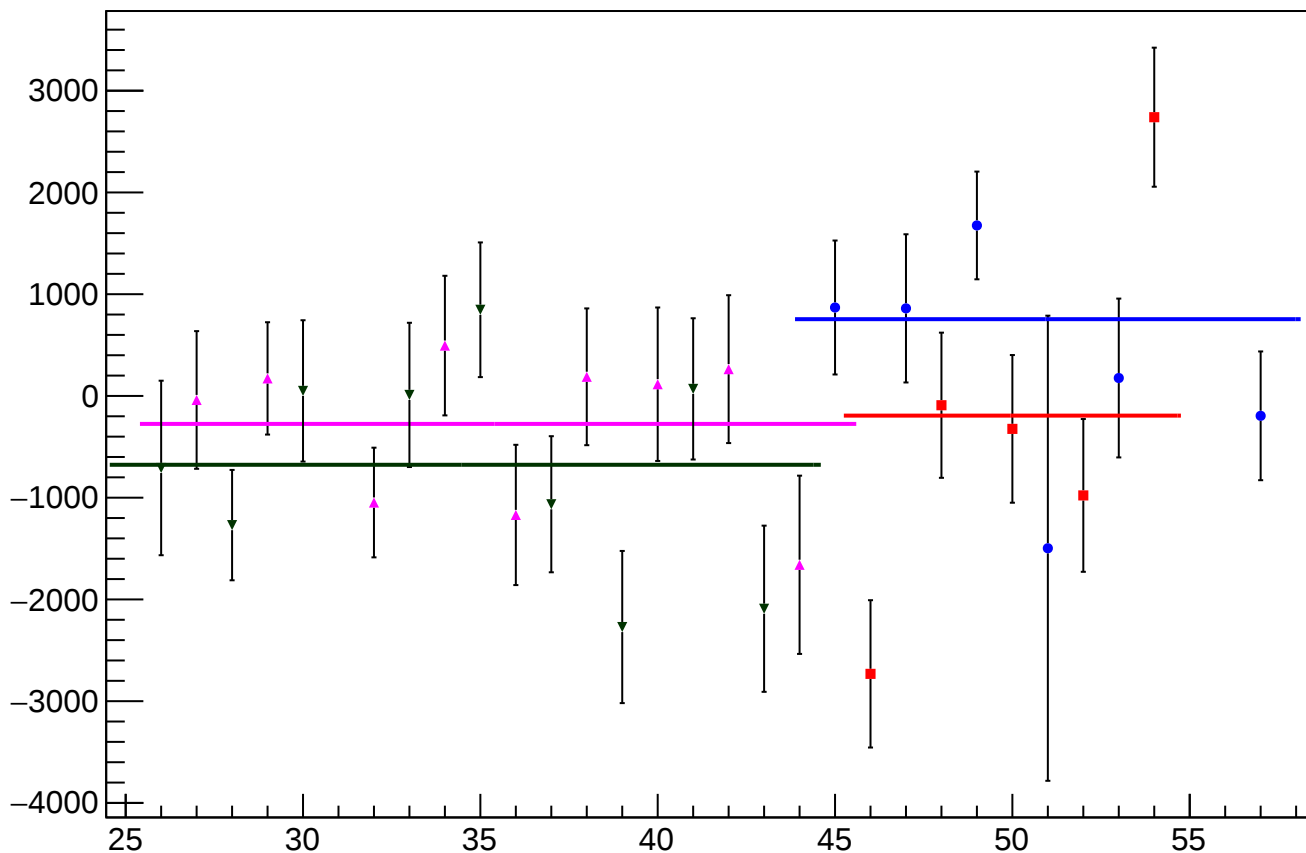
Right Out: 709.430+/-0.420 χ^2/NDF : 1307229.0/4

Left In: 1203.948+/-0.367 χ^2/NDF : 251295.7/8

788.955+/-0.240 χ^2/NDF : 3824859.4/14

989.888+/-0.277 χ^2/NDF : 2343422.8/13

reg_asym_sam6_mean vs slug



Right In: 754.461+/-287.570 χ^2/NDF : 6.9/5

Left Out: -676.628+/-231.223 χ^2/NDF : 17.6/8

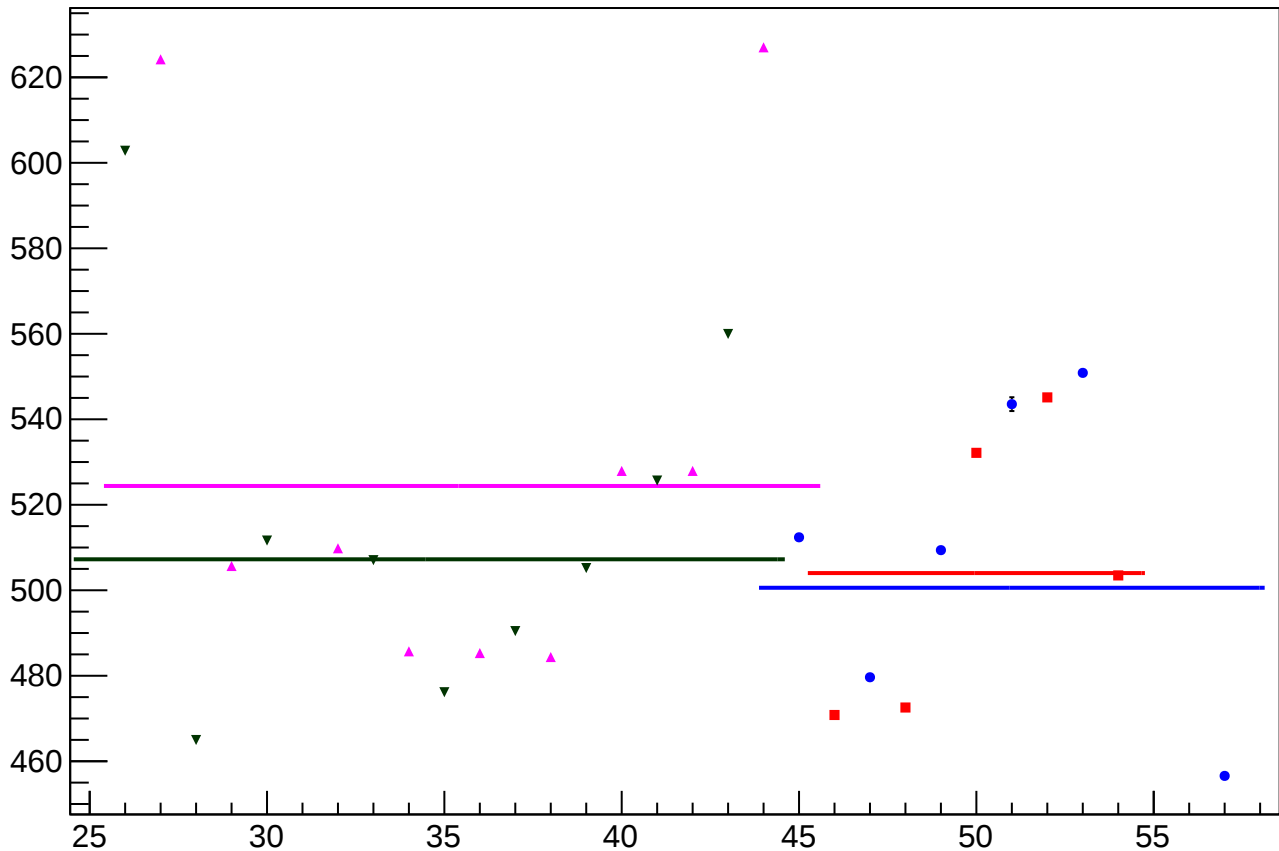
Right Out: -193.405+/-321.306 χ^2/NDF : 31.9/4

Left In: -274.897+/-221.916 χ^2/NDF : 9.6/8

-114.703+/-180.198 χ^2/NDF : 39.5/14

-248.578+/-182.598 χ^2/NDF : 41.5/13

reg_asym_sam6_rms vs slug



Right In: 500.586 $\pm$ 0.203 χ^2 /NDF: 21528.6/5

Left Out: 507.245 $\pm$ 0.163 χ^2 /NDF: 52506.9/8

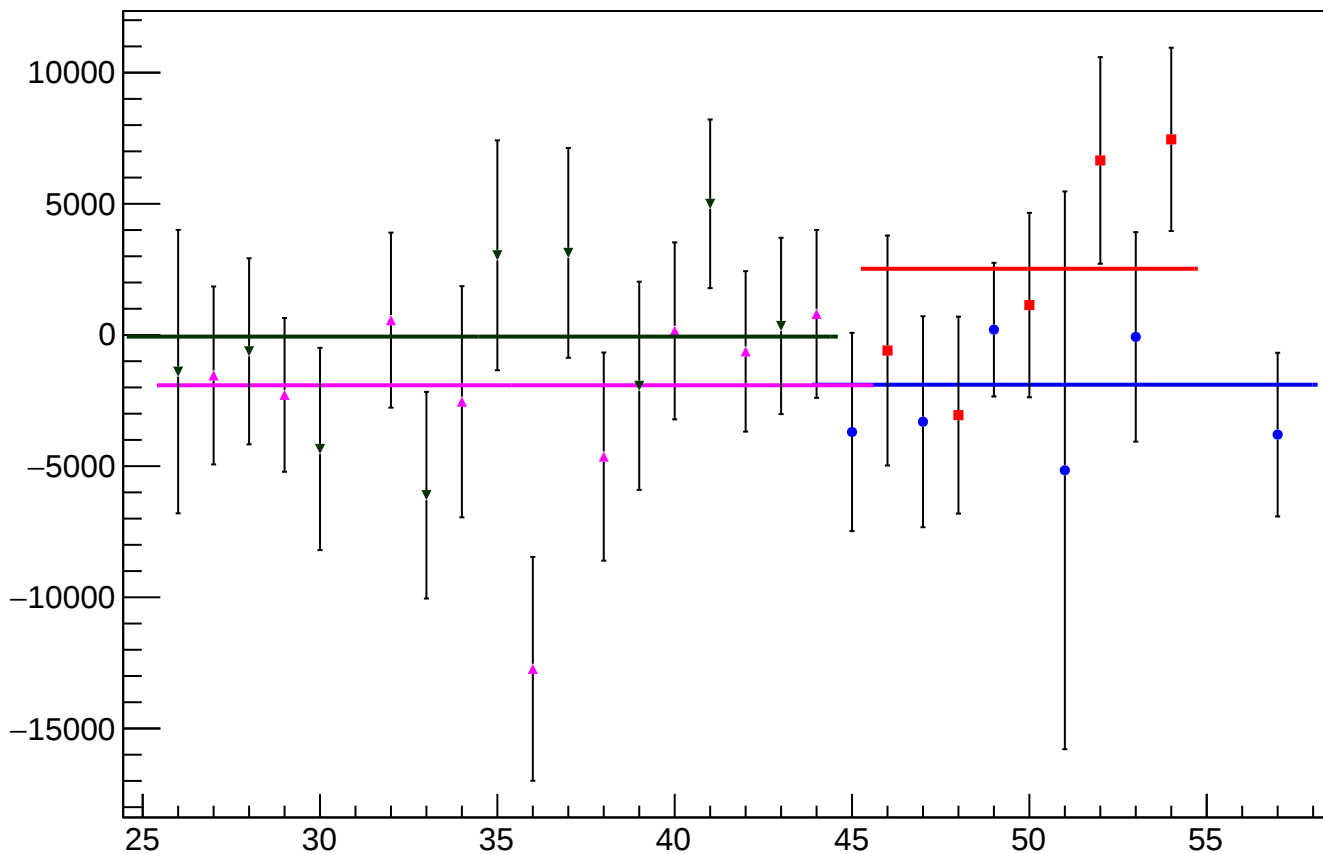
504.630 $\pm$ 0.127 χ^2 /NDF: 74686.8/14

Right Out: 504.024 $\pm$ 0.227 χ^2 /NDF: 17091.6/4

517.820 $\pm$ 0.129 χ^2 /NDF: 117248.1/13

Left In: 524.401 $\pm$ 0.157 χ^2 /NDF: 94710.0/8

asym_sam6_correction_mean vs slug



Right In: -1896.276+/-1474.153 χ^2/NDF : 1.7/5

Left Out: -62.354+/-1281.480 χ^2/NDF : 7.5/8

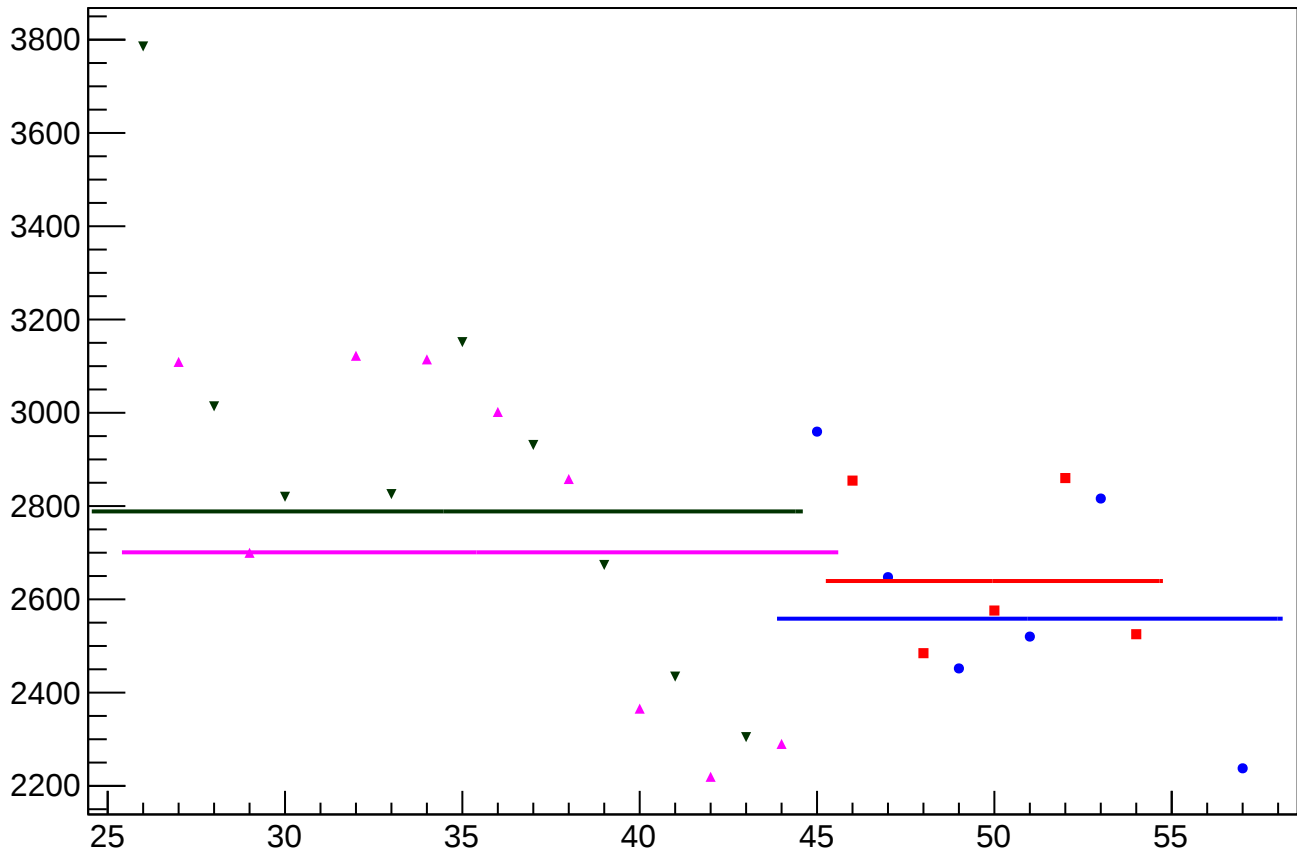
Right Out: 2524.460+/-1689.468 χ^2/NDF : 6.0/4

Left In: -1917.139+/-1150.328 χ^2/NDF : 8.8/8

-851.712+/-967.139 χ^2/NDF : 10.1/14

-510.248+/-950.847 χ^2/NDF : 19.5/13

asym_sam6_correction_rms vs slug



Right In: 2558.533+/-1.042 χ^2/NDF : 56509.7/5

Left Out: 2788.520+/-0.906 χ^2/NDF :160197.2/8

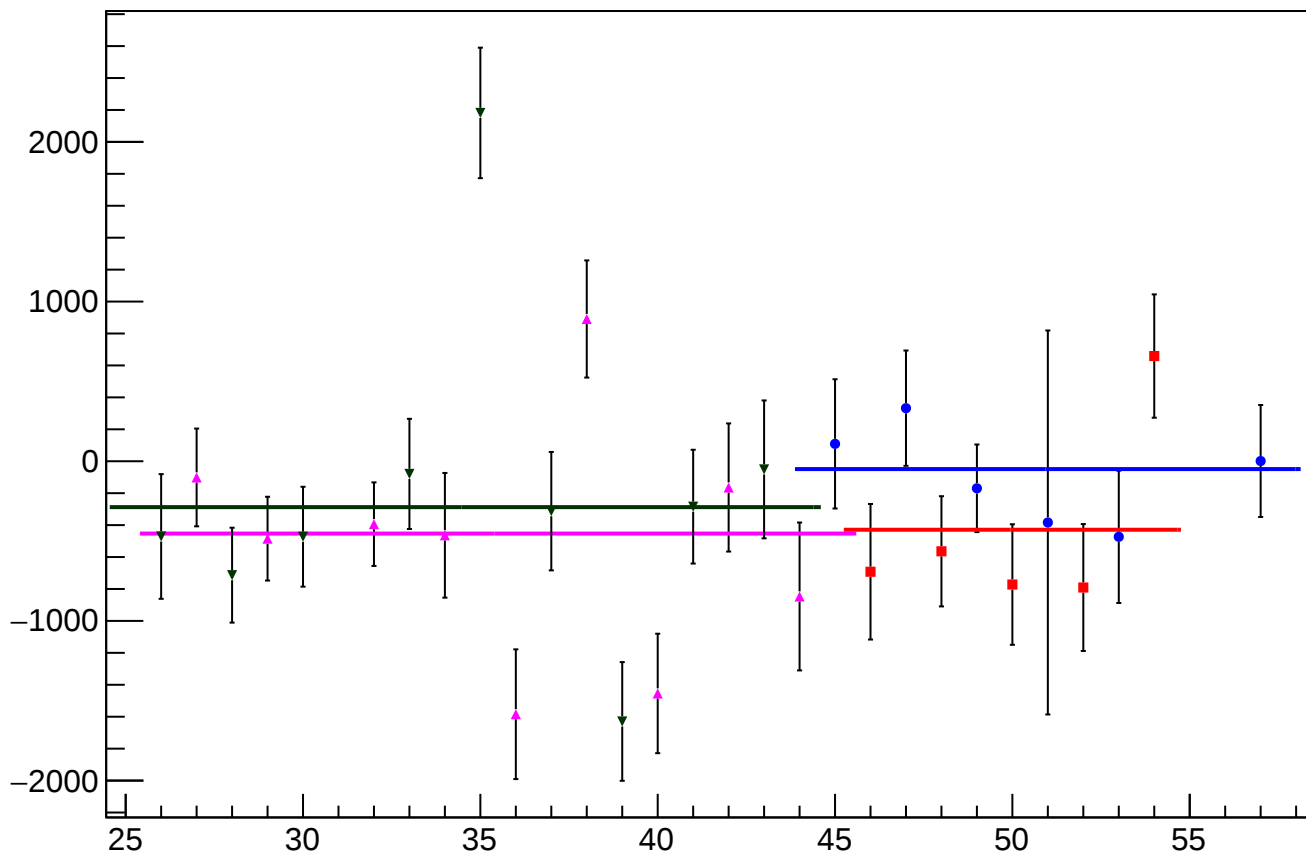
2689.529+/-0.684 χ^2/NDF : 244434.1/14

Right Out: 2639.306+/-1.195 χ^2/NDF : 17288.9/4

2681.328+/-0.672 χ^2/NDF : 213033.9/13

Left In: 2700.808+/-0.813 χ^2/NDF :193934.1/8

reg_asym_sam7_mean vs slug



Right In: -49.135+/-154.845 χ^2/NDF : 2.6/5

Left Out: -287.418+/-119.318 χ^2/NDF : 52.8/8

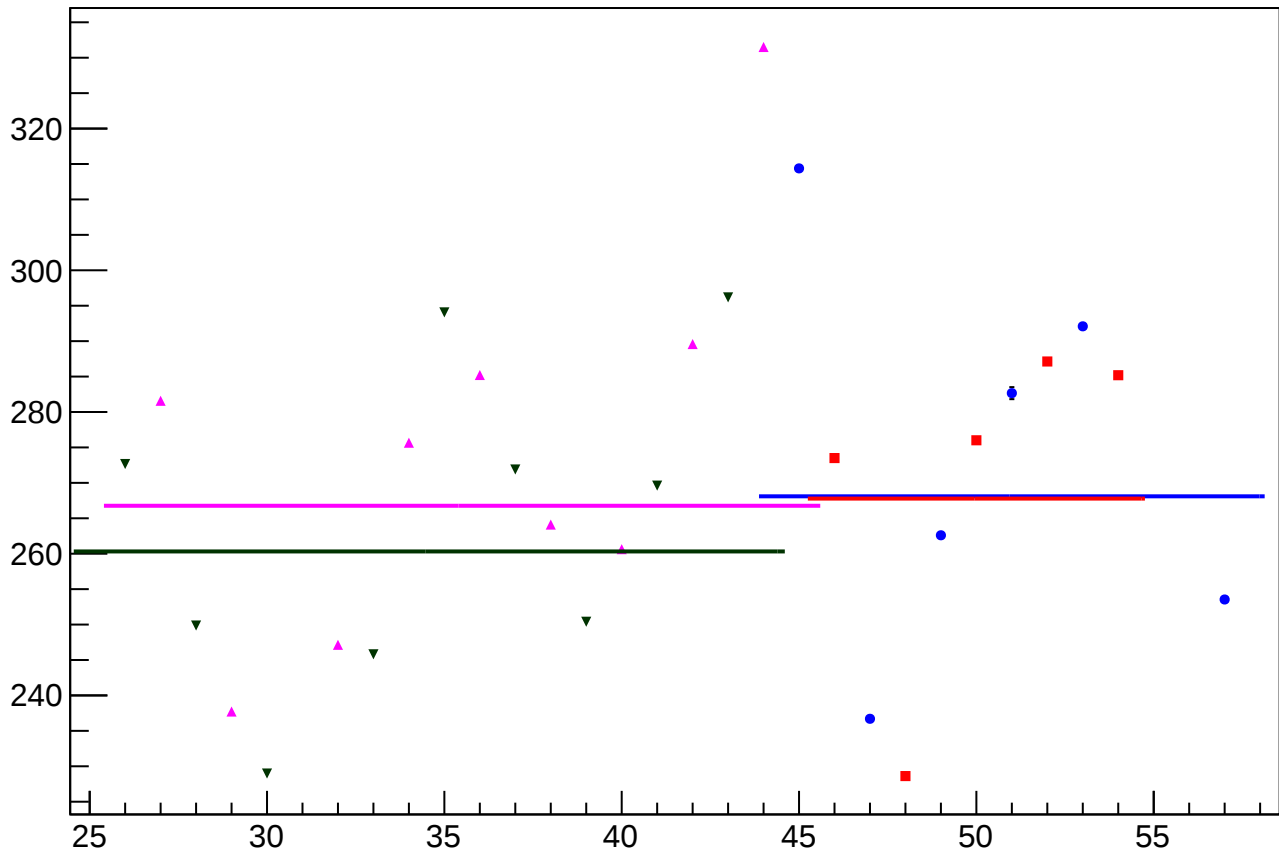
Right Out: -429.007+/-171.500 χ^2/NDF : 10.1/4

Left In: -452.872+/-113.322 χ^2/NDF : 31.0/8

-198.644+/-94.513 χ^2/NDF : 56.9/14

-445.619+/-94.546 χ^2/NDF : 41.1/13

reg_asym_sam7_rms vs slug



Right In: 268.100 ± 0.109 χ^2/NDF : 52513.1/5

Left Out: 260.321 ± 0.084 χ^2/NDF : 60237.4/8

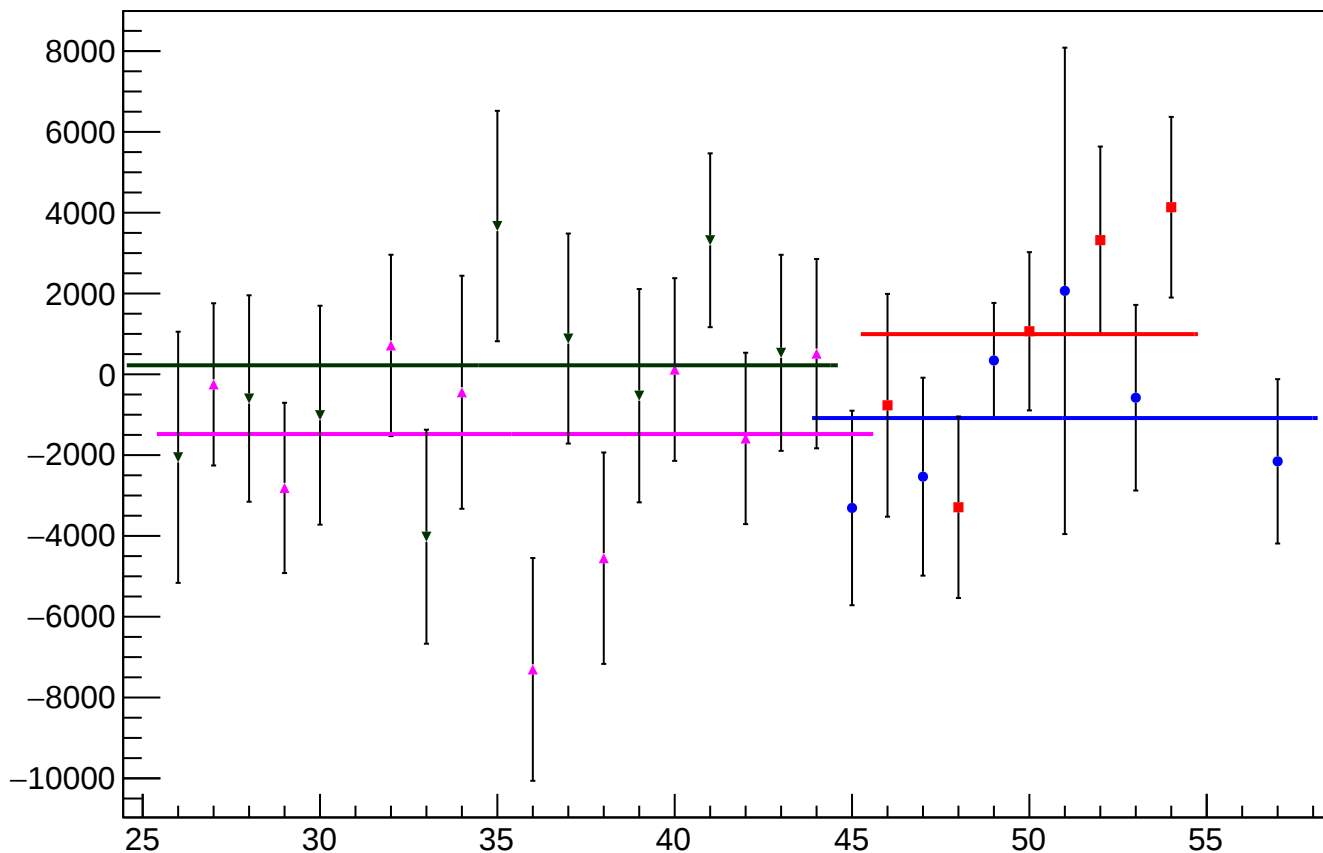
Right Out: 267.780 ± 0.121 χ^2/NDF : 35870.0/4

Left In: 266.767 ± 0.080 χ^2/NDF : 91803.4/8

263.219 ± 0.067 χ^2/NDF : 115917.9/14

267.075 ± 0.067 χ^2/NDF : 127721.9/13

asym_sam7_correction_mean vs slug



Right In: -1082.656+/-880.139 χ^2/NDF : 2.8/5

Left Out: 223.347+/-865.231 χ^2/NDF : 7.1/8

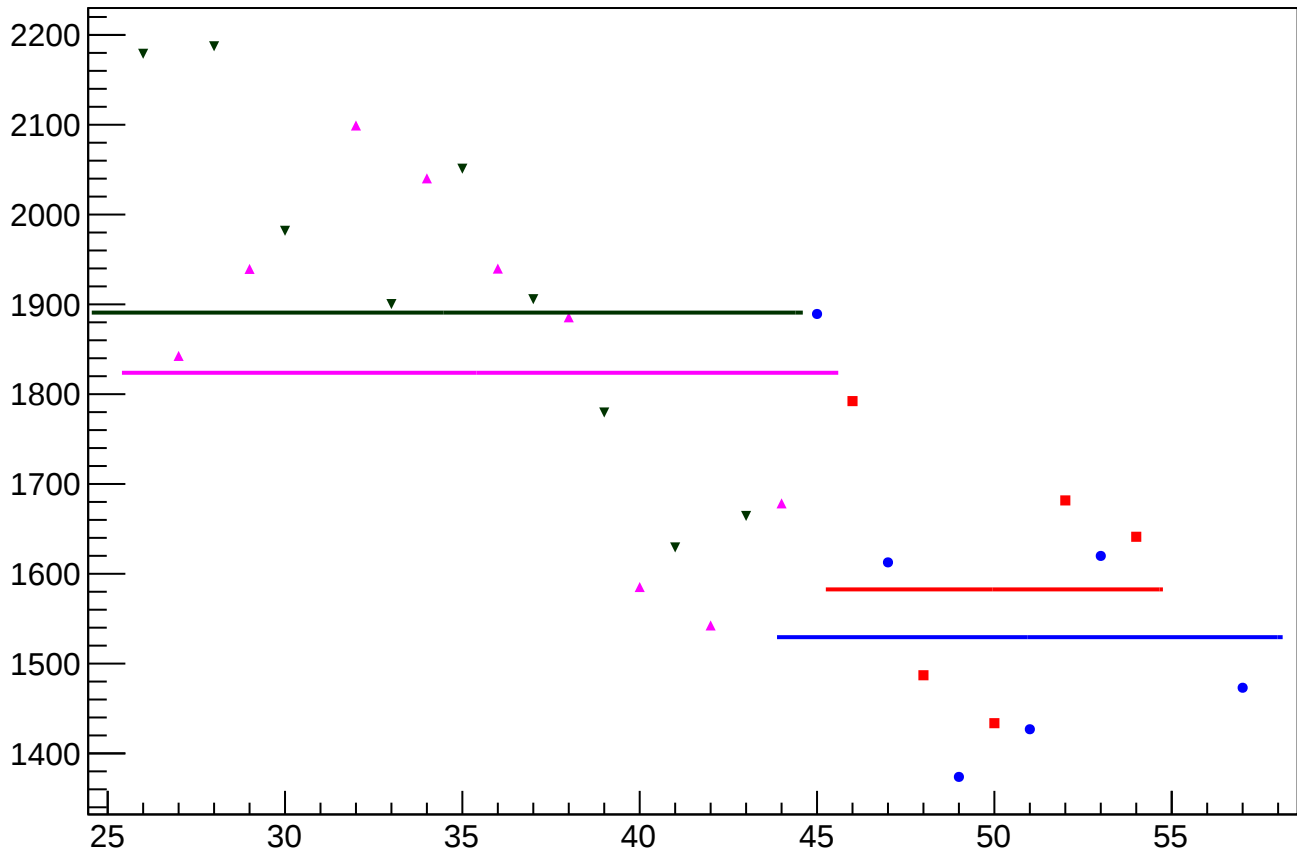
Right Out: 994.746+/-1011.760 χ^2/NDF : 7.0/4

Left In: -1478.705+/-773.885 χ^2/NDF : 8.9/8

-418.500+/-617.014 χ^2/NDF : 11.0/14

-565.734+/-614.687 χ^2/NDF : 19.7/13

asym_sam7_correction_rms vs slug



Right In: 1529.424+/-0.622 χ^2/NDF : 76091.6/5

Left Out: 1890.834+/-0.612 χ^2/NDF :103303.6/8

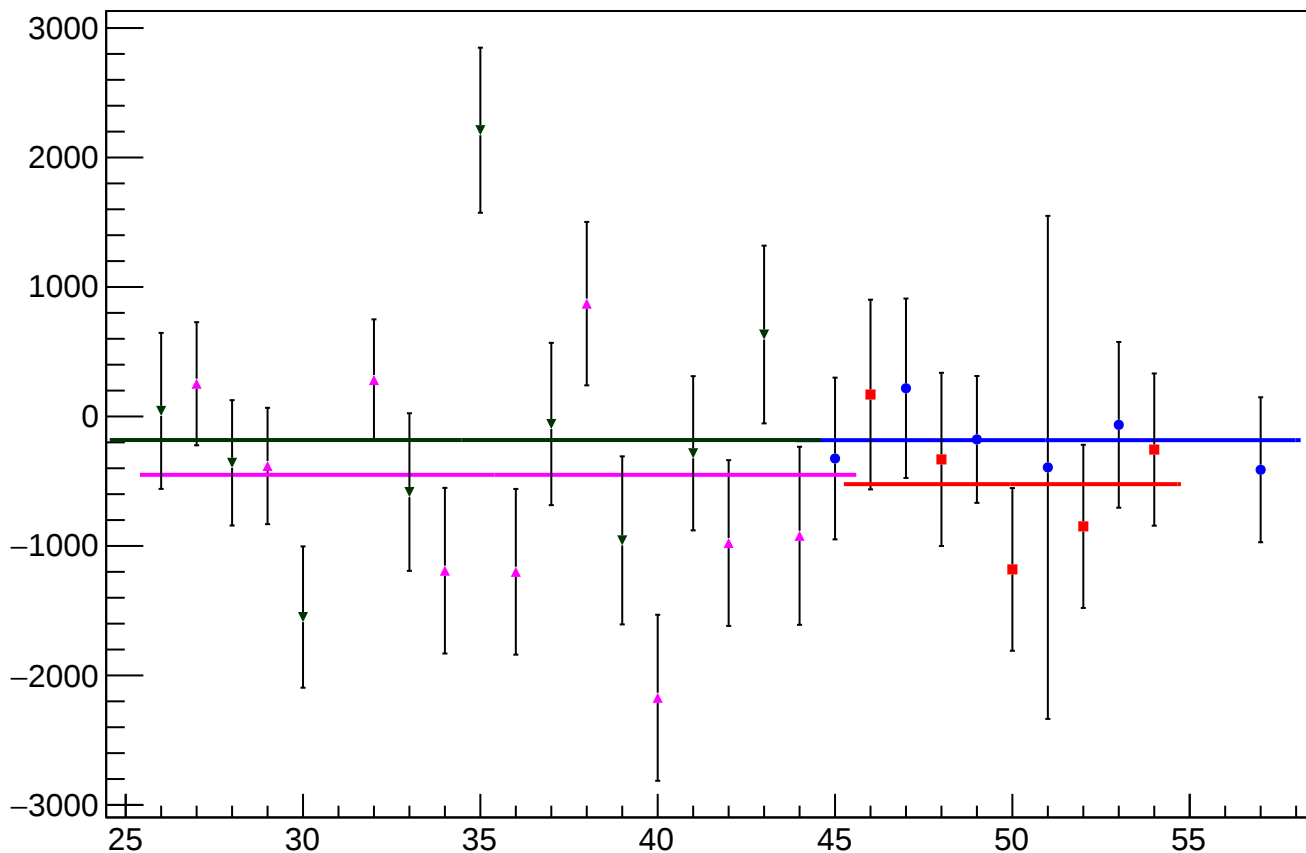
Right Out: 1582.612+/-0.715 χ^2/NDF : 31792.5/4

Left In: 1823.820+/-0.547 χ^2/NDF :117391.1/8

1713.216+/-0.436 χ^2/NDF : 350891.5/14

1734.788+/-0.435 χ^2/NDF : 220899.7/13

reg_asym_sam8_mean vs slug



Right In: -182.991 $\pm$ 260.750 χ^2 /NDF: 0.6/5

Left Out: -181.996 $\pm$ 198.404 χ^2 /NDF:24.0/8

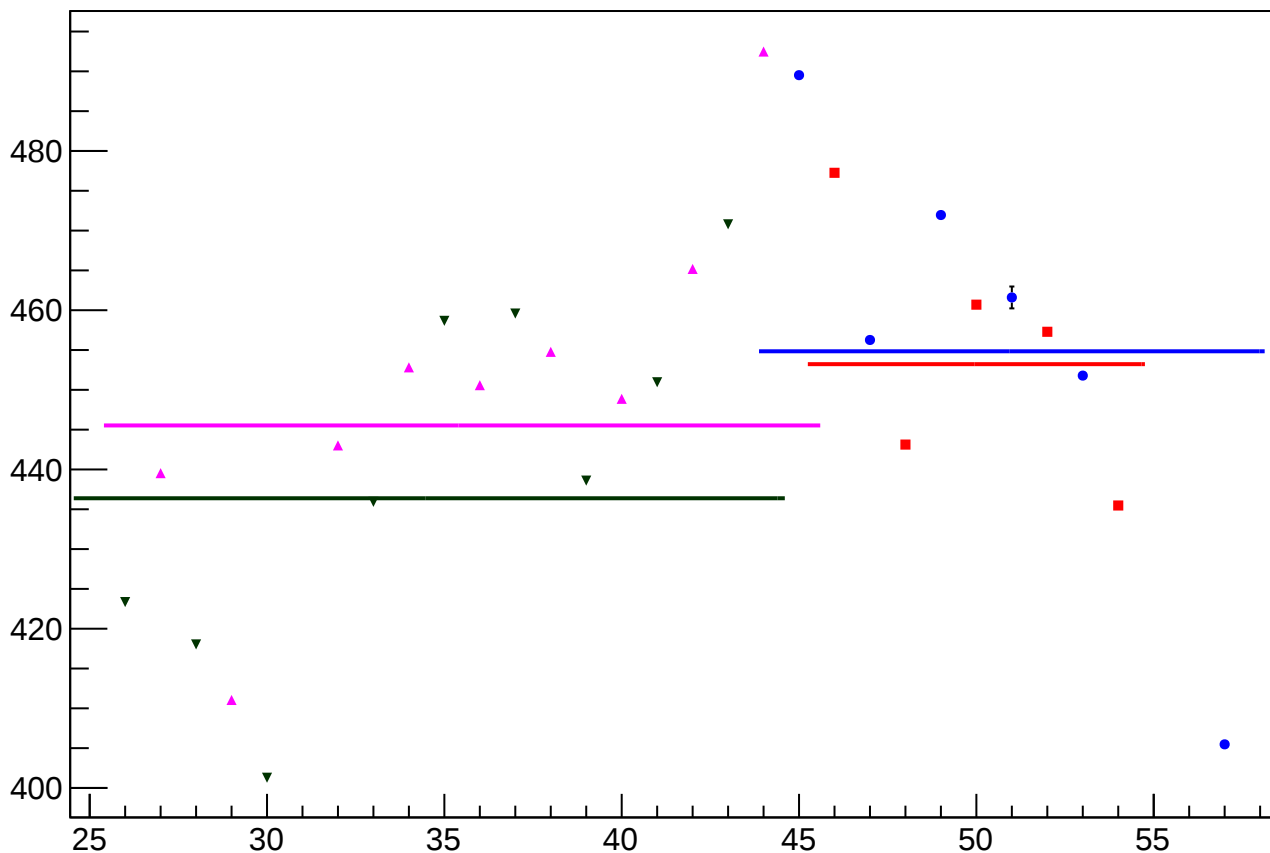
Right Out: -522.682 $\pm$ 288.130 χ^2 /NDF: 2.5/4

Left In: -450.653 $\pm$ 187.903 χ^2 /NDF:20.1/8

-182.361 $\pm$ 157.893 χ^2 /NDF: 24.6/14

-472.146 $\pm$ 157.392 χ^2 /NDF: 22.7/13

reg_asym_sam8_rms vs slug



Right In: 454.842 $\pm$ 0.184 χ^2 /NDF: 24233.1/5

Left Out: 436.383 $\pm$ 0.140 χ^2 /NDF:23517.4/8

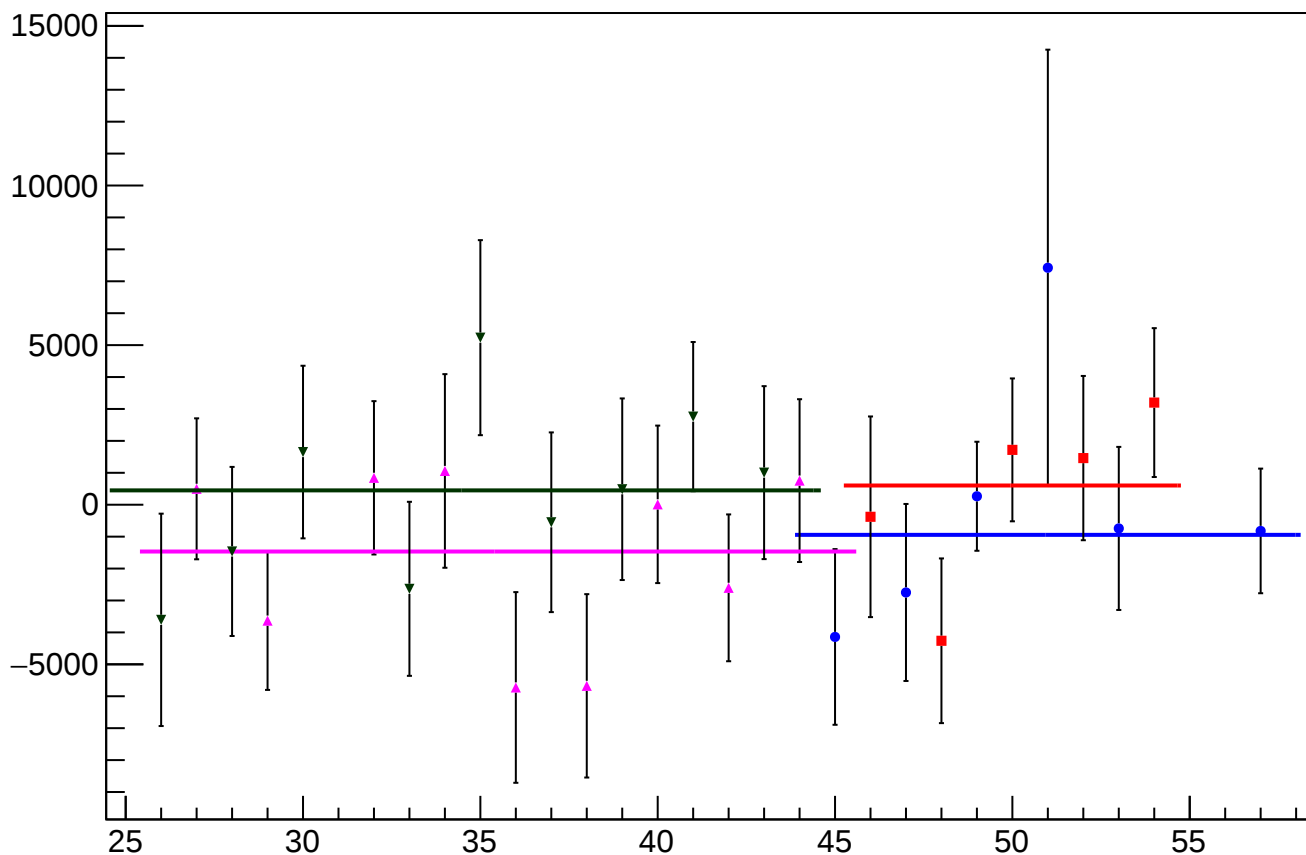
Right Out: 453.225 $\pm$ 0.204 χ^2 /NDF: 4798.1/4

Left In: 445.528 $\pm$ 0.133 χ^2 /NDF:24241.7/8

443.151 $\pm$ 0.112 χ^2 /NDF: 54098.1/14

447.825 $\pm$ 0.111 χ^2 /NDF: 30041.3/13

asym_sam8_correction_mean vs slug



Right In: -943.943+/-979.562 χ^2/NDF : 3.8/5

Left Out: 449.371+/-920.334 χ^2/NDF : 7.1/8

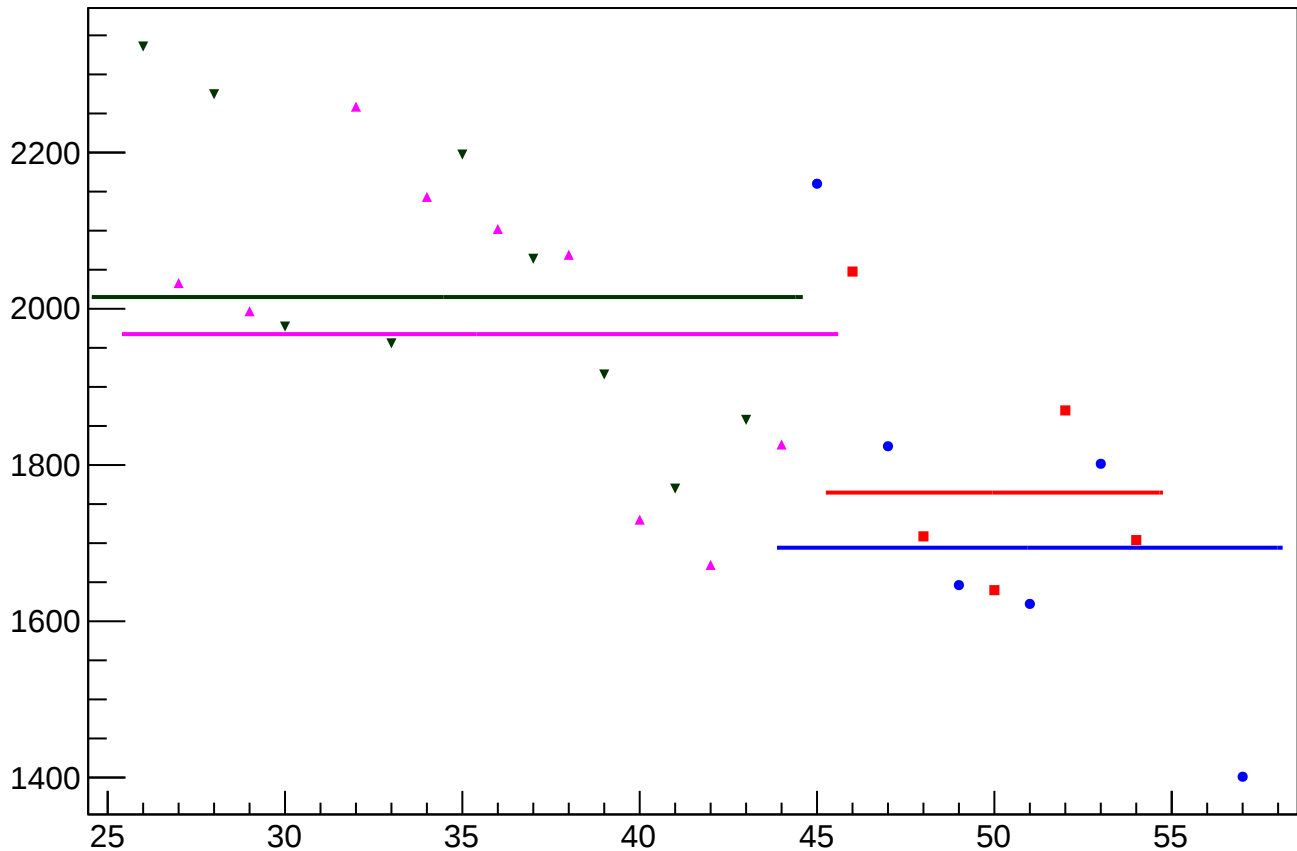
Right Out: 602.227+/-1127.896 χ^2/NDF : 5.3/4

Left In: -1466.179+/-833.373 χ^2/NDF : 8.9/8

-203.893+/-670.736 χ^2/NDF : 11.9/14

-735.738+/-670.261 χ^2/NDF : 16.4/13

asym_sam8_correction_rms vs slug



Right In: 1694.169+/-0.693 χ^2/NDF : 112141.7/5

Left Out: 2015.018+/-0.651 χ^2/NDF : 78061.6/8

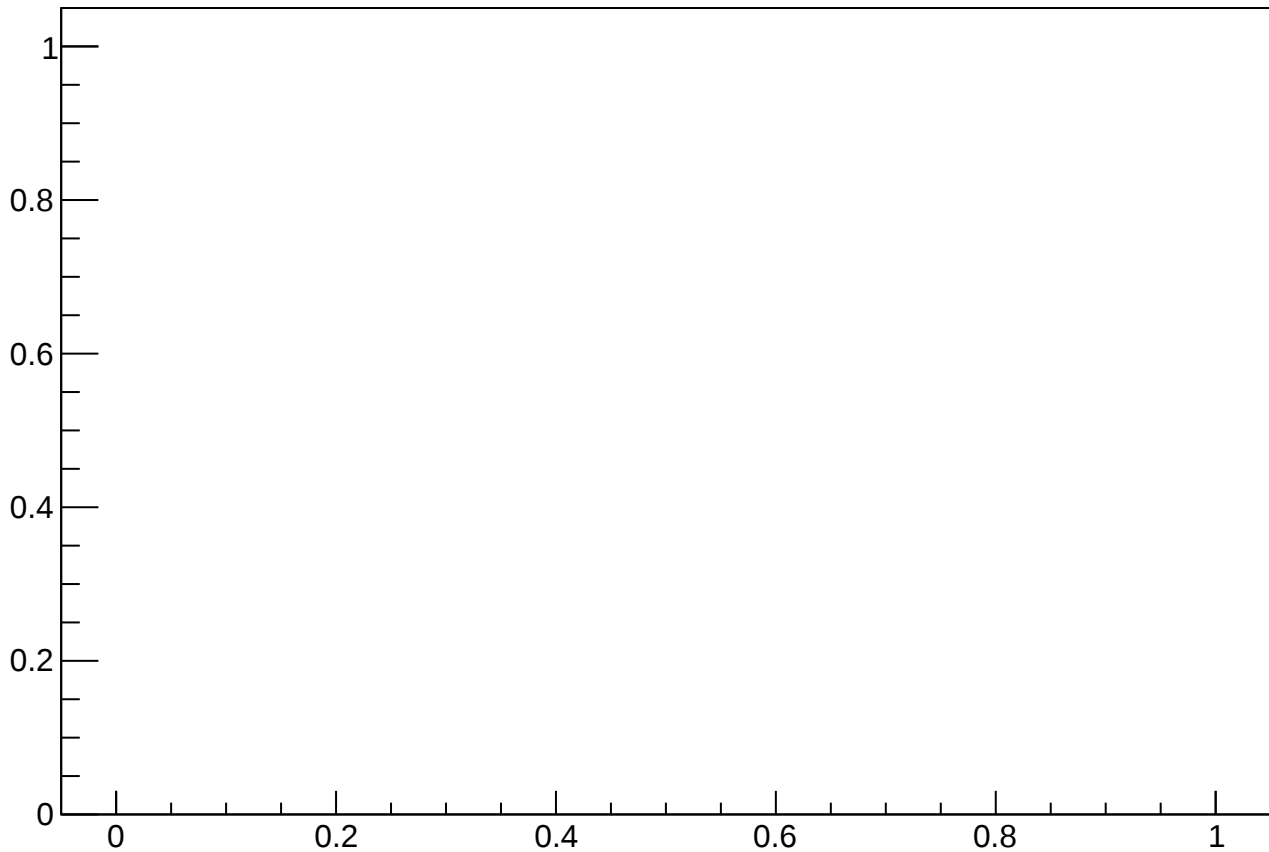
Right Out: 1764.718+/-0.798 χ^2/NDF : 28082.1/4

Left In: 1967.585+/-0.589 χ^2/NDF : 102442.6/8

1864.586+/-0.474 χ^2/NDF : 304170.4/14

1895.944+/-0.474 χ^2/NDF : 172377.5/13

bcm_an_us_ds3_avg_mean vs slug



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

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

Right Out: 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_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

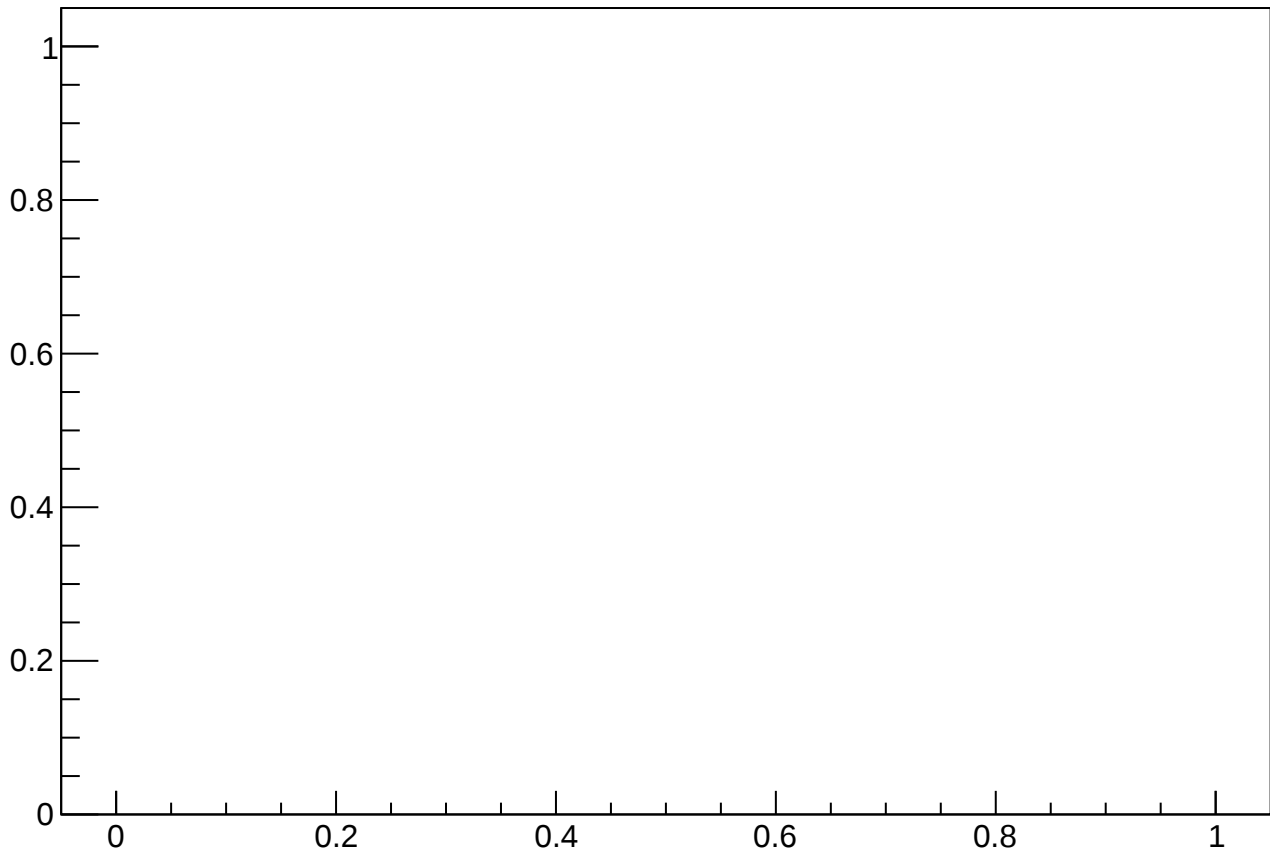
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

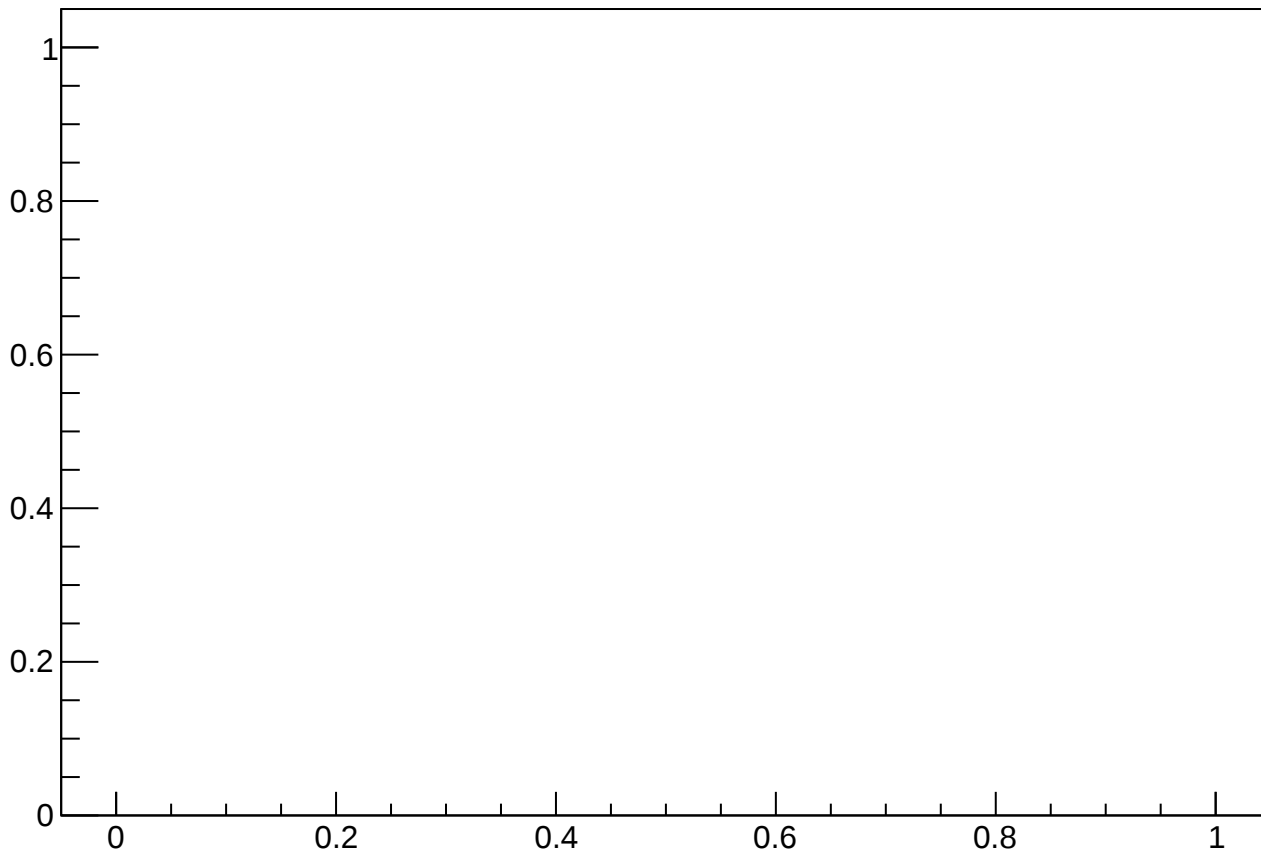
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

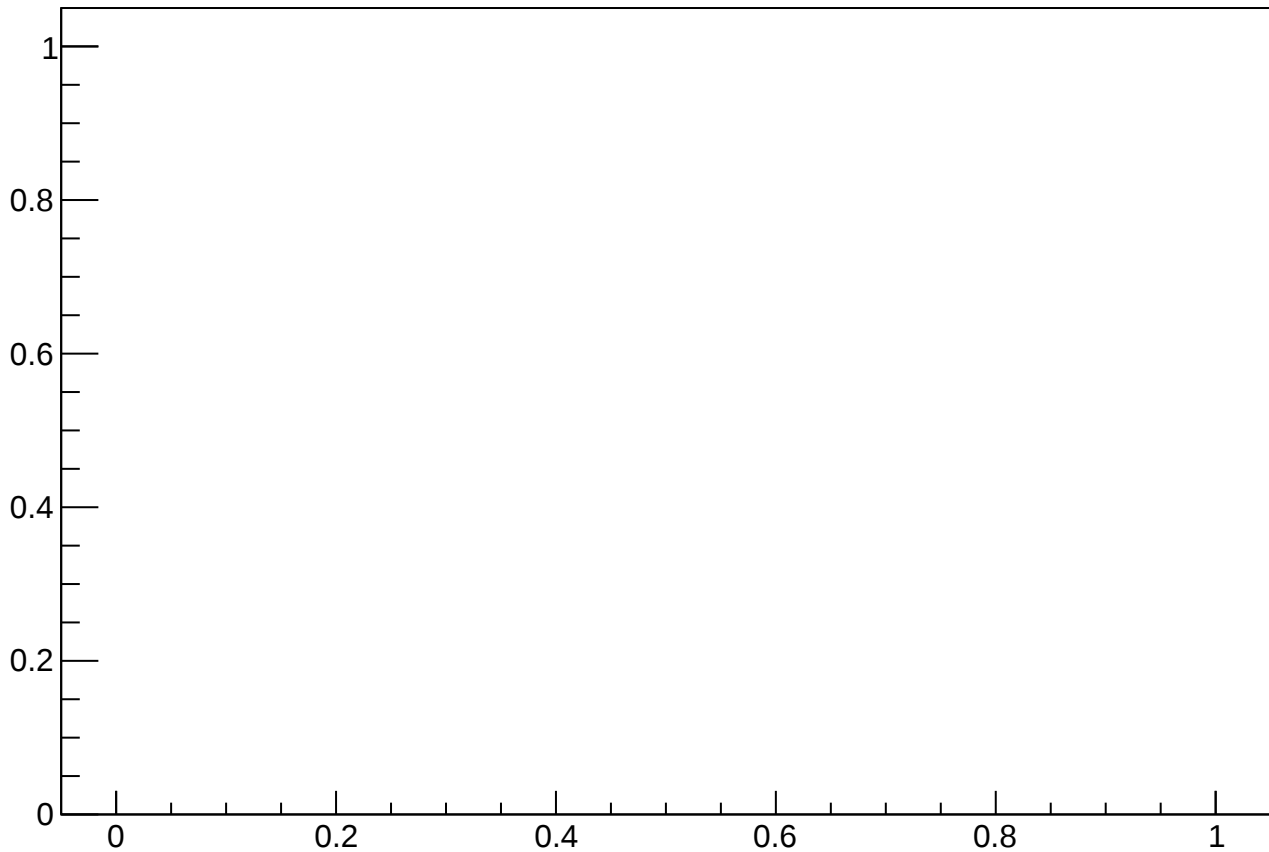
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

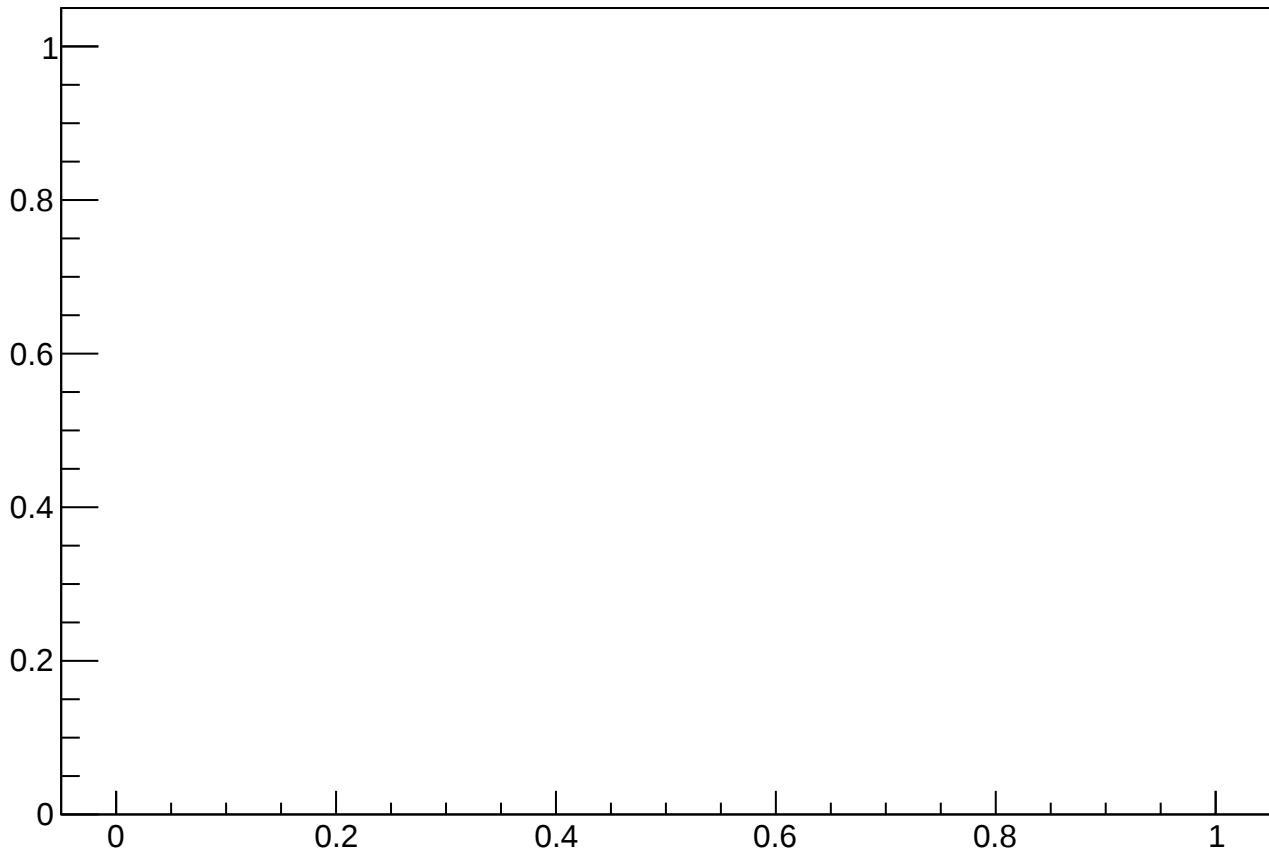
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

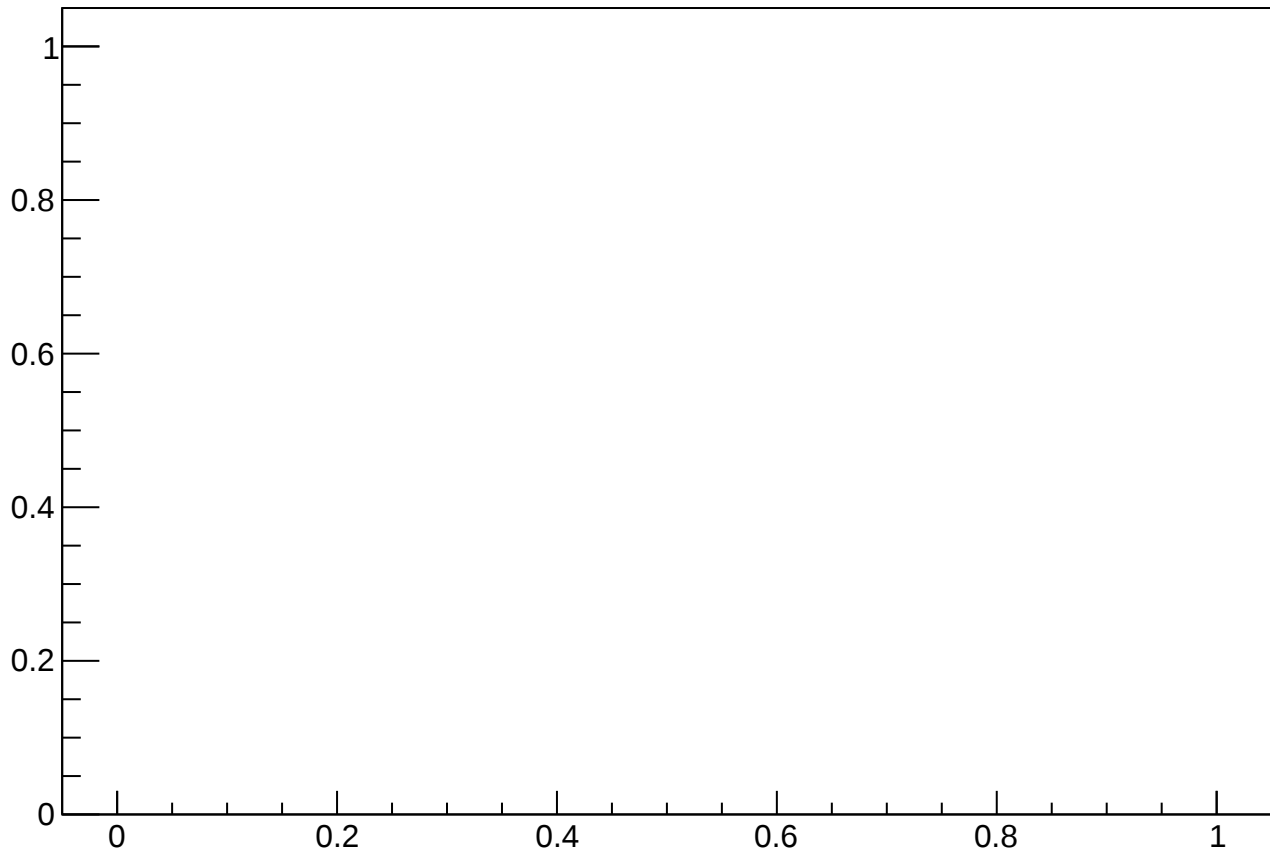
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

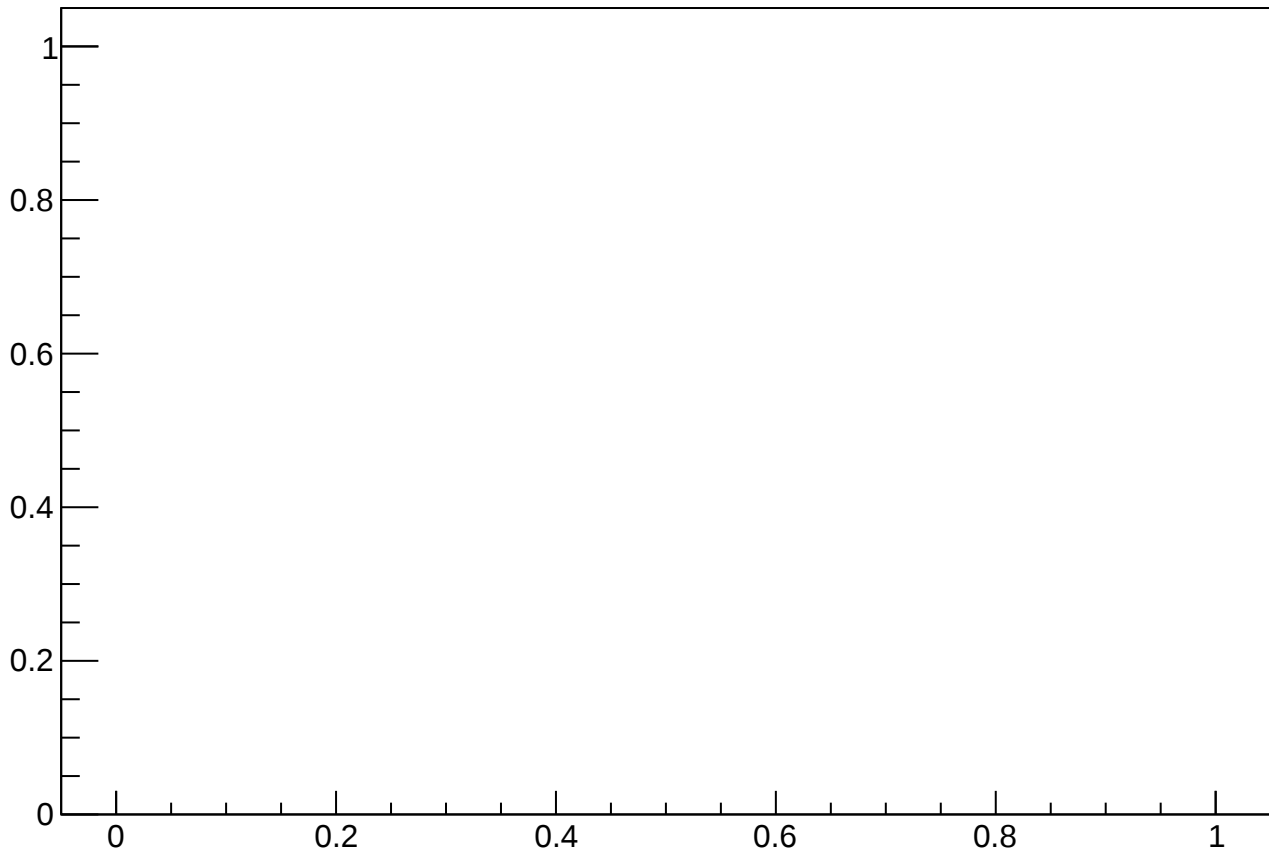
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

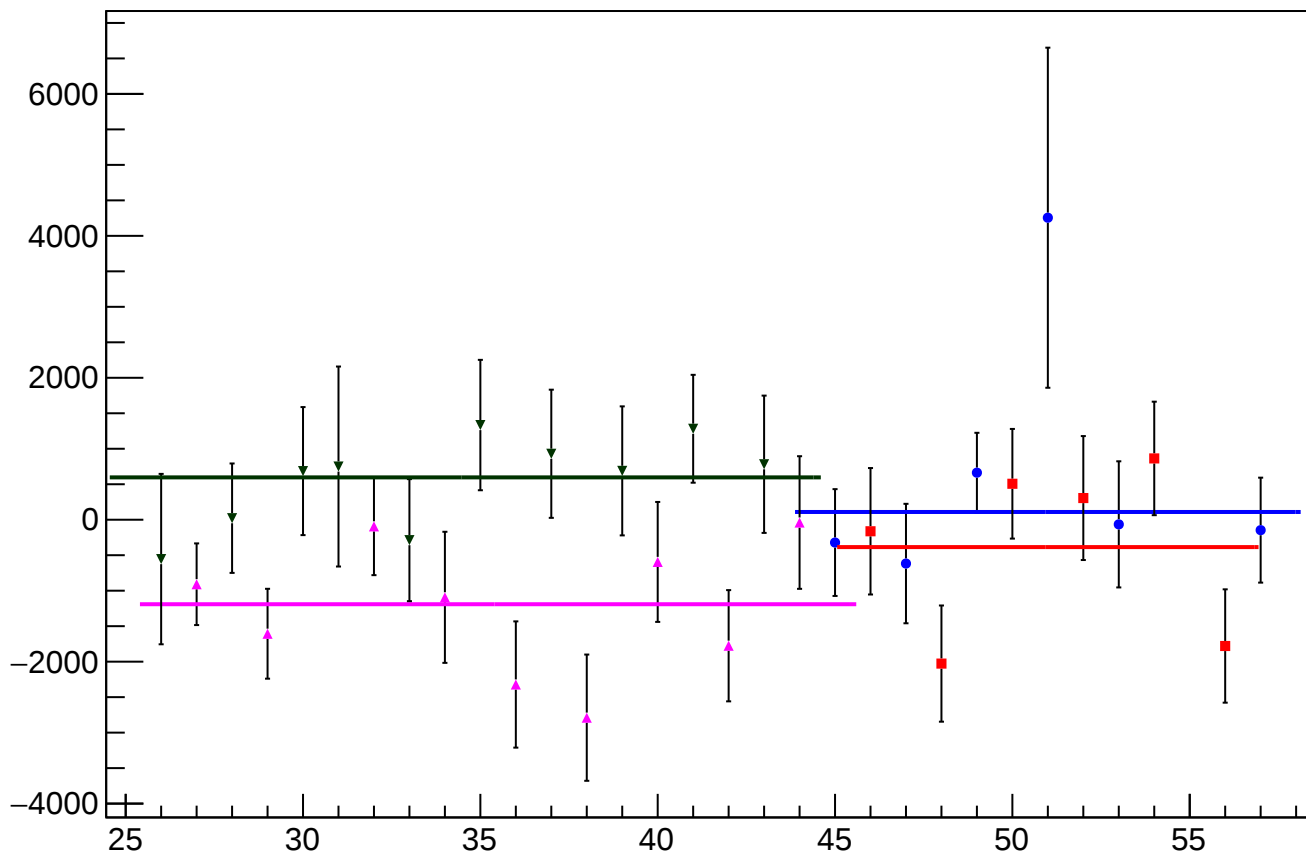
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 109.158+/-322.515 χ^2/NDF : 5.2/5

Left Out: 596.646+/-290.082 χ^2/NDF : 4.2/9

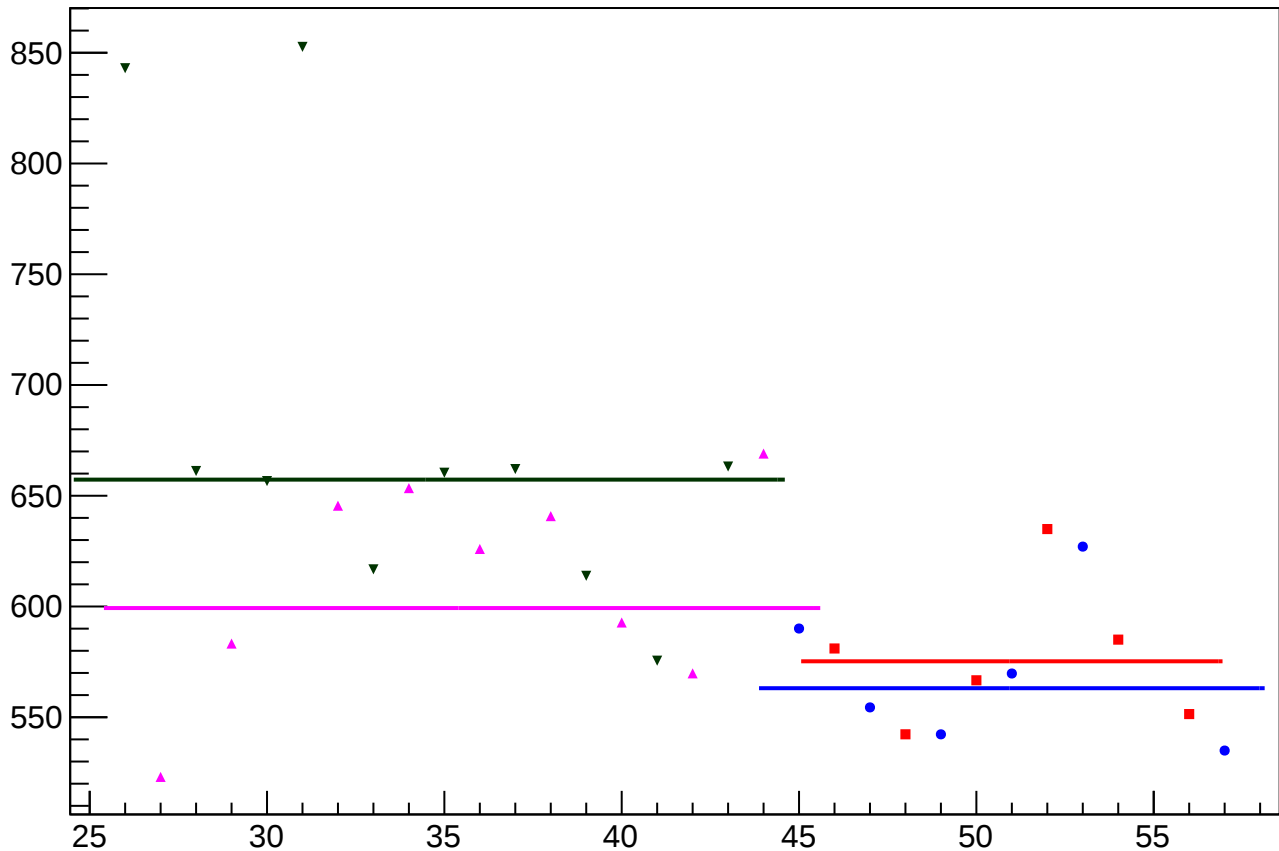
Right Out: -385.609+/-335.756 χ^2/NDF : 11.5/5

Left In: -1190.705+/-253.970 χ^2/NDF : 10.6/8

378.638+/-215.677 χ^2/NDF : 10.7/15

-897.704+/-202.551 χ^2/NDF : 25.8/14

asym_left_avg_rms vs slug



Right In: 563.110+/-0.228 χ^2/NDF : 18784.8/5

Left Out: 657.280+/-0.205 χ^2/NDF : 118673.7/9

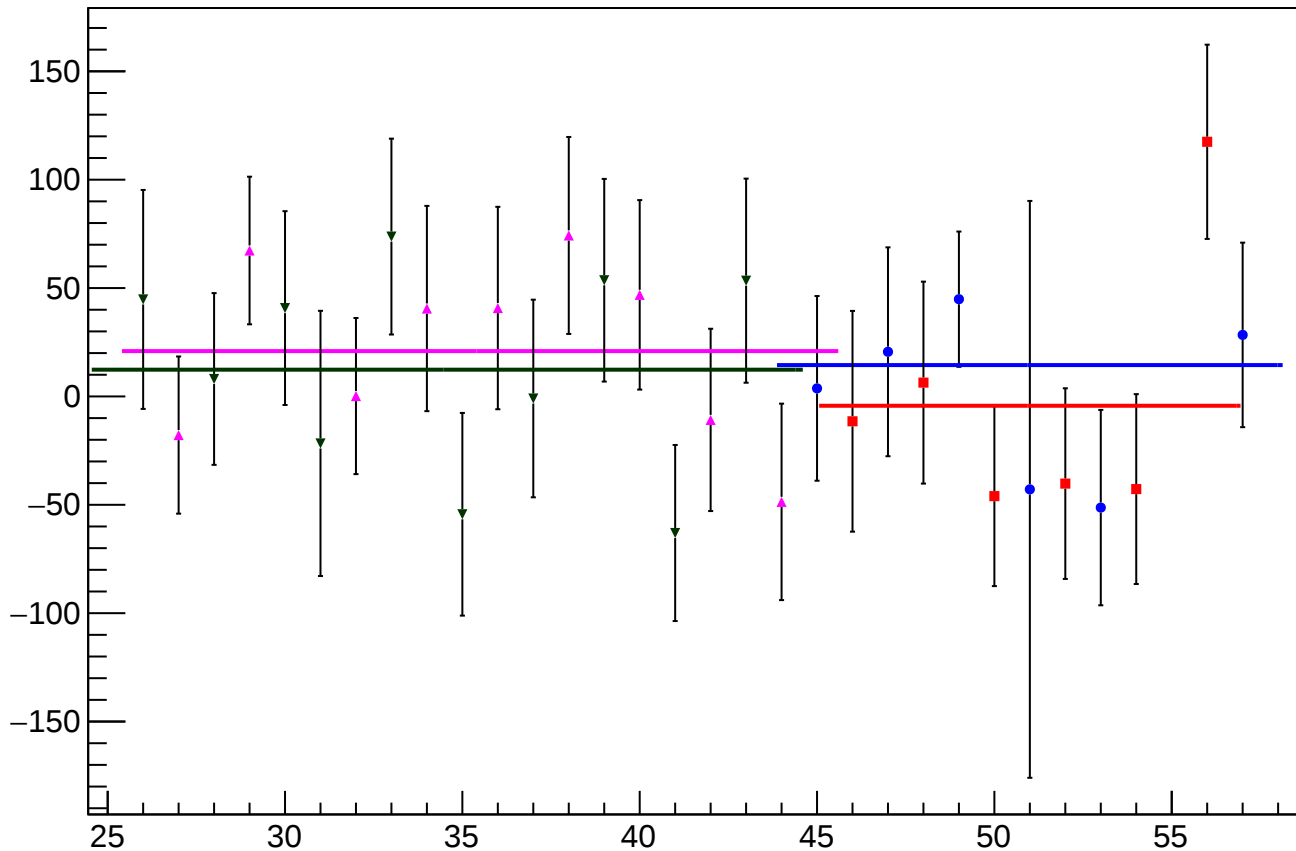
Right Out: 575.256+/-0.237 χ^2/NDF : 15001.5/5

Left In: 599.296+/-0.180 χ^2/NDF : 72545.0/8

615.167+/-0.153 χ^2/NDF : 231716.1/15

590.547+/-0.143 χ^2/NDF : 94067.9/14

asym_left_dd_mean vs slug



Right In: 14.467+/-17.935 χ^2/NDF : 3.4/5

Left Out: 12.342+/-14.526 χ^2/NDF :10.1/9

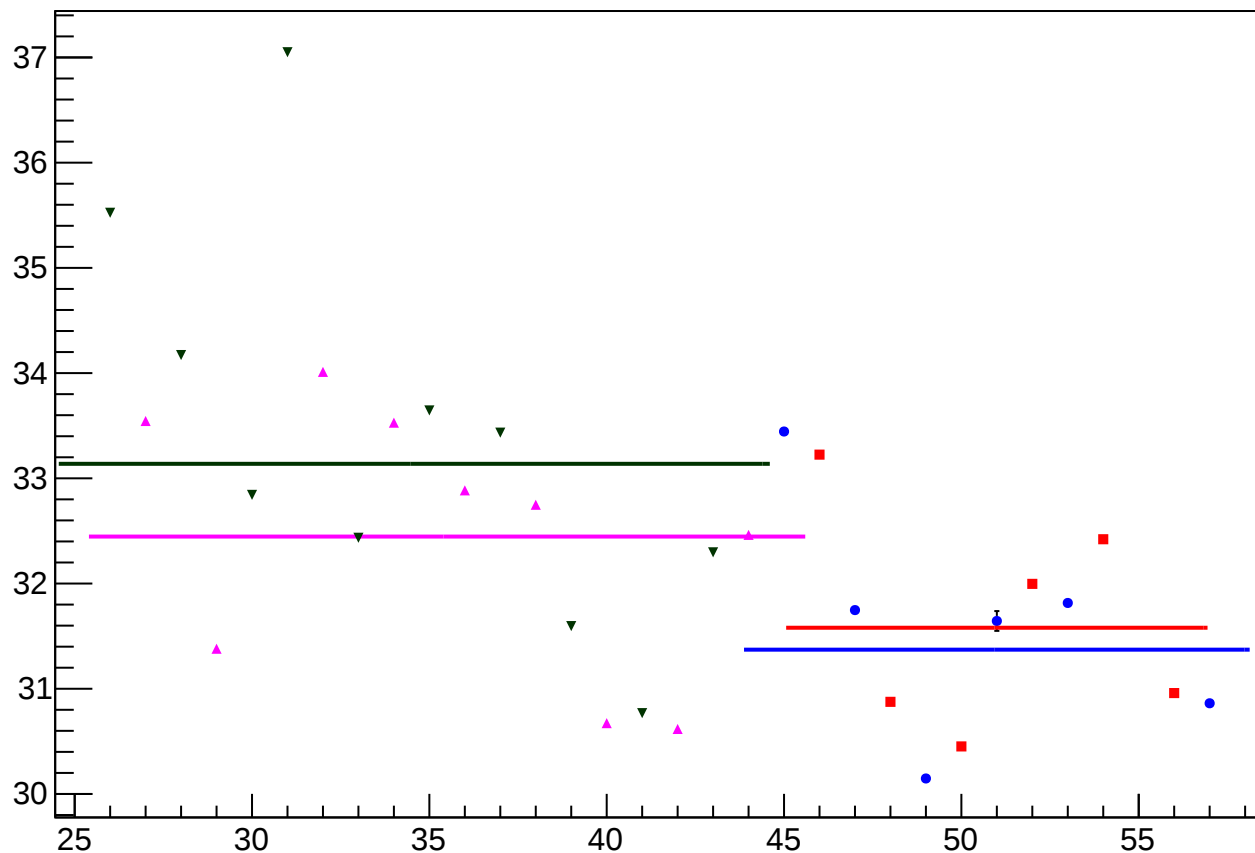
Right Out: -4.299+/-18.372 χ^2/NDF : 9.9/5

Left In: 20.920+/-13.661 χ^2/NDF :8.3/8

13.184+/-11.288 χ^2/NDF : 13.5/15

11.941+/-10.963 χ^2/NDF : 19.5/14

asym_left_dd_rms vs slug



Right In: 31.372 $\pm$ 0.013 χ^2 /NDF: 8424.2/5

Left Out: 33.138 $\pm$ 0.010 χ^2 /NDF: 24511.4/9

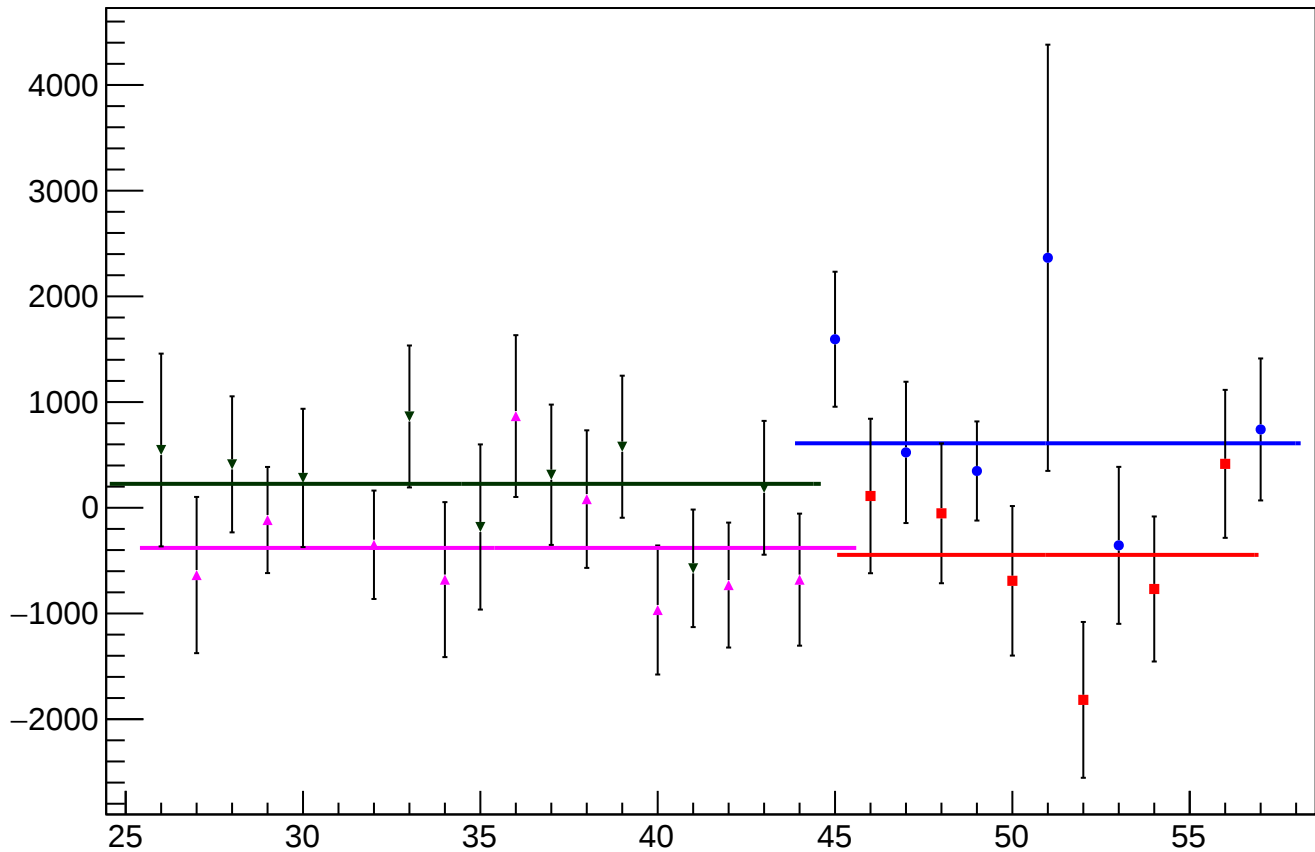
Right Out: 31.580 $\pm$ 0.013 χ^2 /NDF: 5321.9/5

Left In: 32.446 $\pm$ 0.010 χ^2 /NDF: 15954.4/8

32.438 $\pm$ 0.008 χ^2 /NDF: 44649.1/15

32.138 $\pm$ 0.008 χ^2 /NDF: 24141.3/14

asym_right_avg_mean vs slug



Right In: 610.085 $\pm$ 272.017 χ^2 /NDF: 5.2/5

Left Out: 226.455 $\pm$ 223.469 χ^2 /NDF: 3.7/8

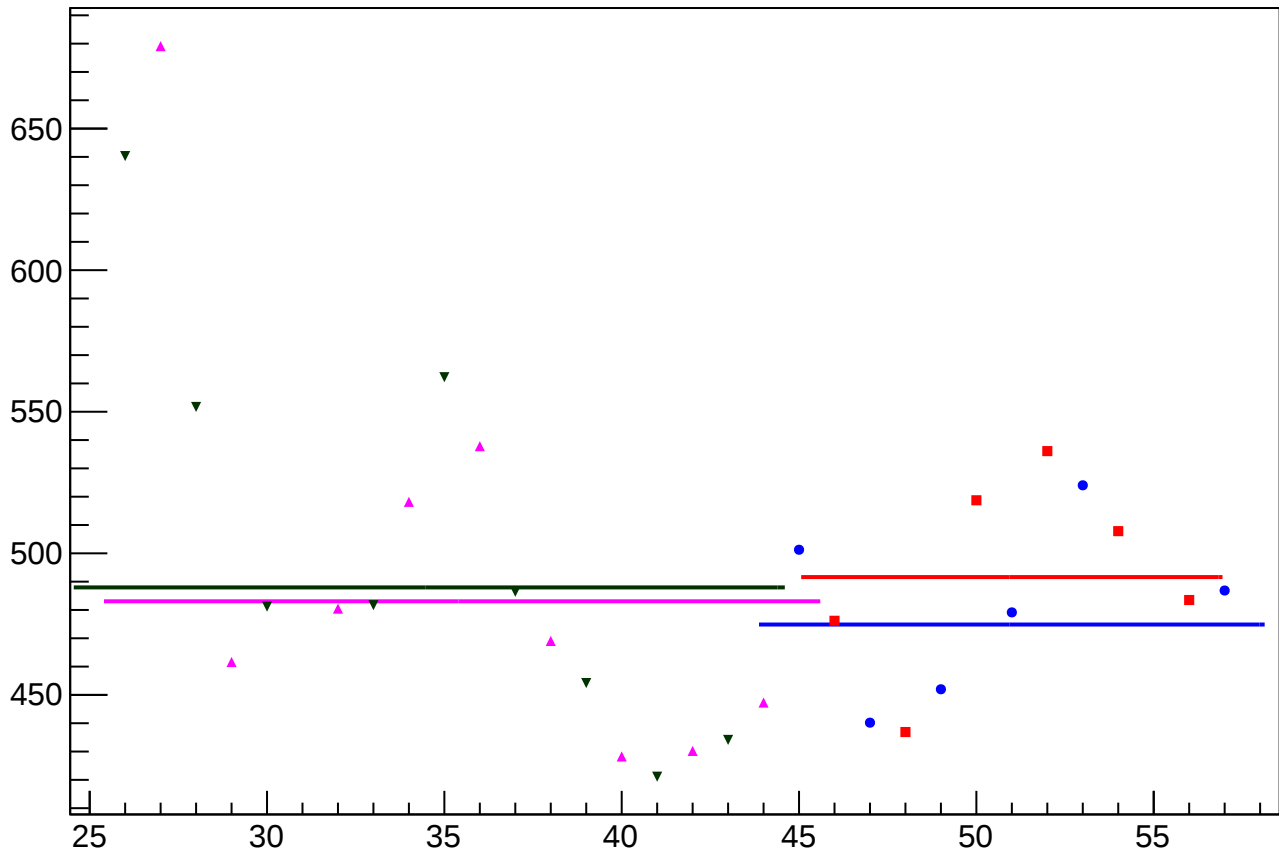
Right Out: -445.660 $\pm$ 286.743 χ^2 /NDF: 6.3/5

Left In: -379.789 $\pm$ 205.675 χ^2 /NDF: 5.2/8

381.039 $\pm$ 172.672 χ^2 /NDF: 10.1/14

-402.166 $\pm$ 167.128 χ^2 /NDF: 11.5/14

asym_right_avg_rms vs slug



Right In: 474.858+/-0.192 χ^2/NDF : 22970.3/5

Left Out: 487.967+/-0.158 χ^2/NDF :142313.3/8

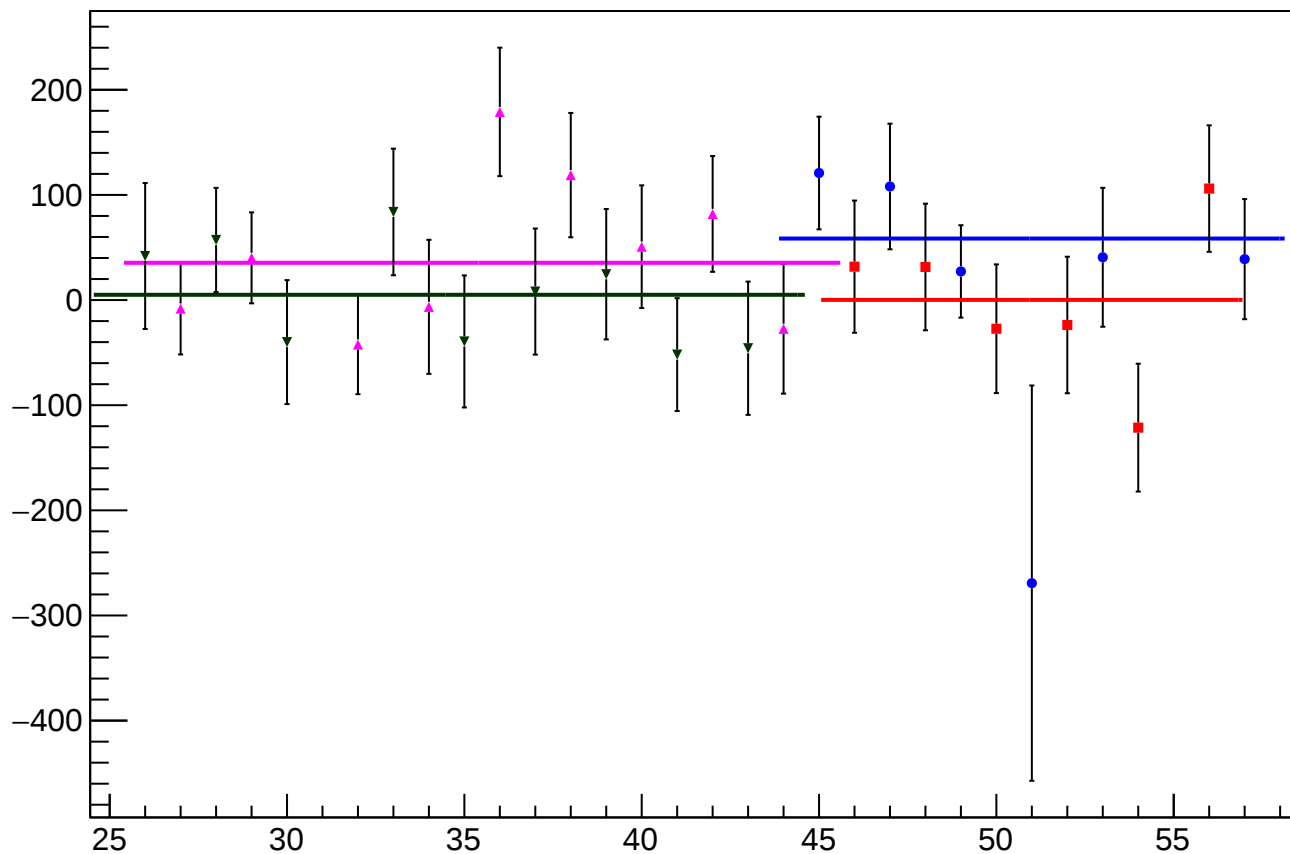
Right Out: 491.614+/-0.203 χ^2/NDF : 26187.3/5

Left In: 483.059+/-0.145 χ^2/NDF :198865.1/8

482.685+/-0.122 χ^2/NDF : 168056.9/14

485.965+/-0.118 χ^2/NDF : 226227.8/14

asym_right_dd_mean vs slug



Right In: 58.512 ± 24.182 χ^2/NDF : 5.8/5

Left Out: 5.008 ± 19.738 χ^2/NDF : 6.1/8

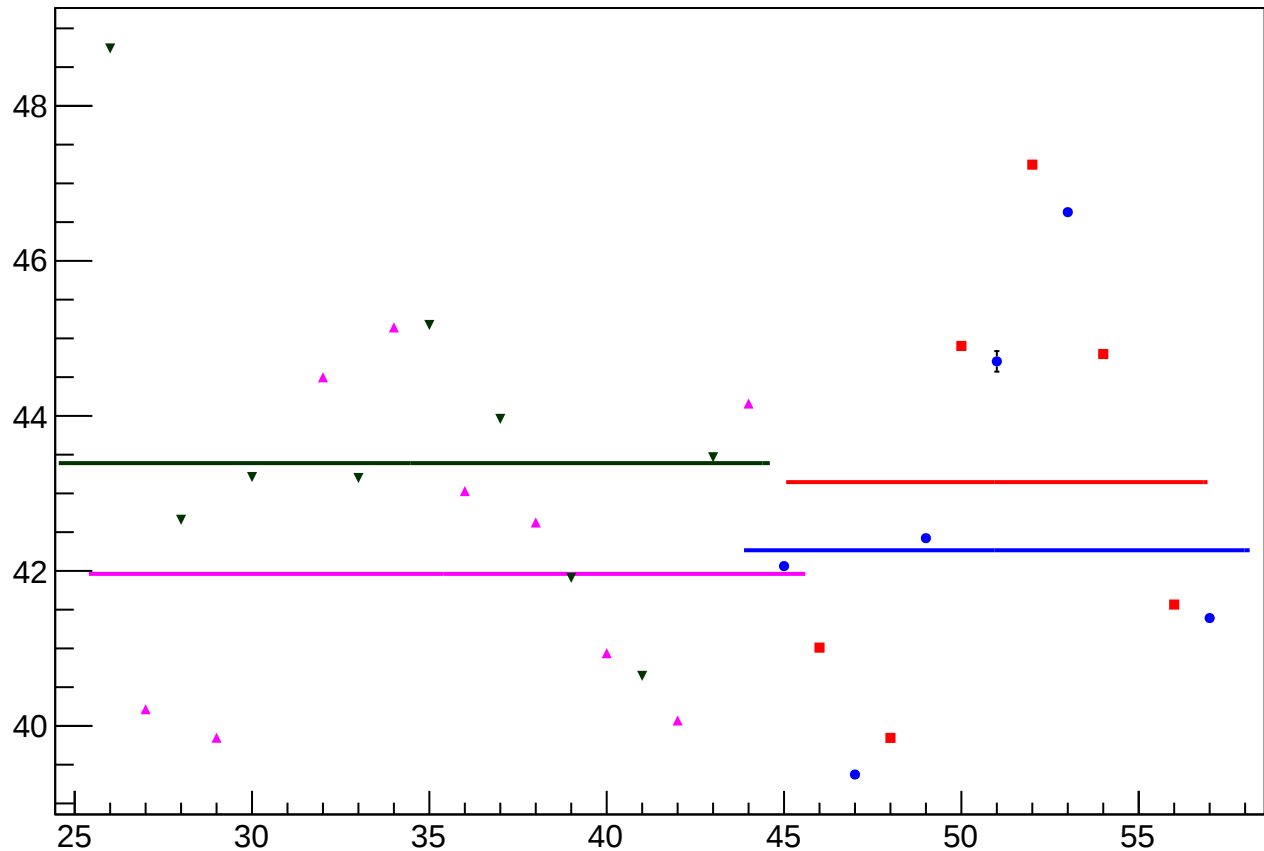
Right Out: 0.183 ± 25.161 χ^2/NDF : 7.9/5

Left In: 35.466 ± 17.692 χ^2/NDF : 13.5/8

26.401 ± 15.291 χ^2/NDF : 14.8/14

23.793 ± 14.472 χ^2/NDF : 22.7/14

asym_right_dd_rms vs slug



Right In: 42.266+/-0.017 χ^2/NDF : 14267.4/5

Left Out: 43.391+/-0.014 χ^2/NDF : 20529.6/8

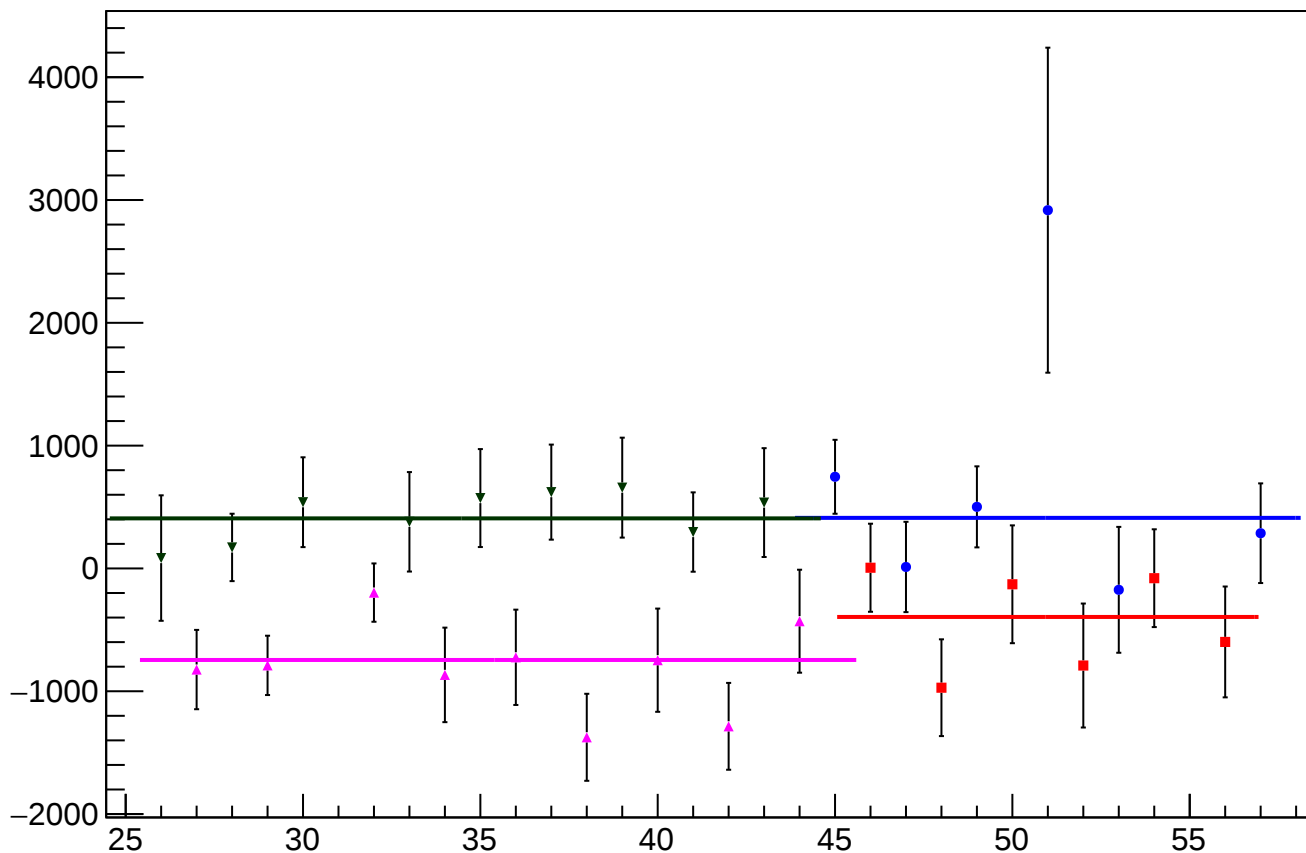
Right Out: 43.146+/-0.018 χ^2/NDF : 20778.0/5

Left In: 41.961+/-0.013 χ^2/NDF : 25099.5/8

42.941+/-0.011 χ^2/NDF : 37391.9/14

42.353+/-0.010 χ^2/NDF : 48841.4/14

asym_us_avg_mean vs slug



Right In: 411.811 ± 162.064 $\chi^2/\text{NDF}: 7.5/5$

Left Out: 407.654 ± 124.646 $\chi^2/\text{NDF}: 2.3/8$

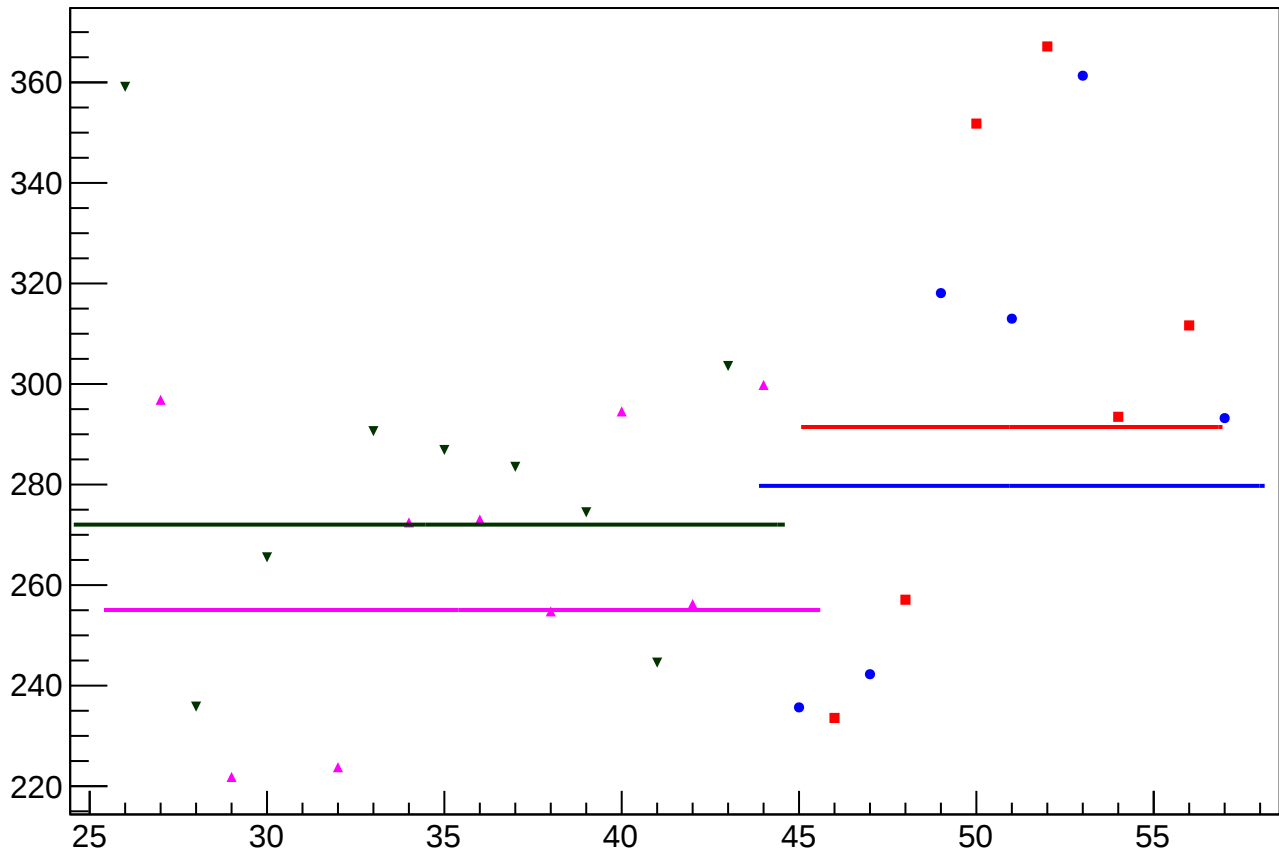
Right Out: -395.021 ± 172.235 $\chi^2/\text{NDF}: 5.1/5$

Left In: -745.341 ± 108.352 $\chi^2/\text{NDF}: 11.6/8$

409.199 ± 98.803 $\chi^2/\text{NDF}: 9.8/14$

-646.010 ± 91.713 $\chi^2/\text{NDF}: 19.7/14$

asym_us_avg_rms vs slug



Right In: 279.740+/-0.115 χ^2/NDF : 144829.1/5

Left Out: 272.030+/-0.088 χ^2/NDF :126979.0/8

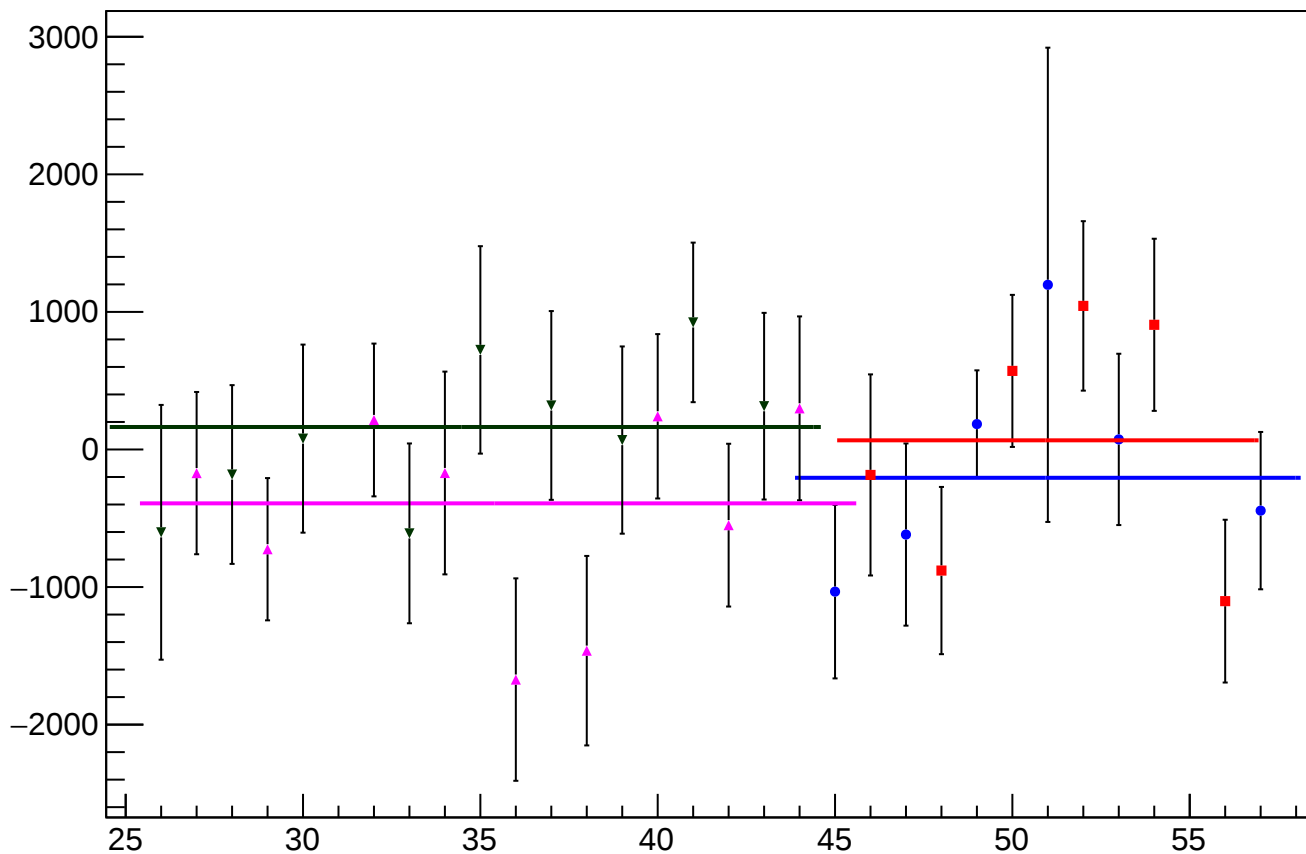
Right Out: 291.449+/-0.122 χ^2/NDF : 148025.1/5

Left In: 255.044+/-0.077 χ^2/NDF :154932.2/8

274.895+/-0.070 χ^2/NDF : 274652.1/14

265.367+/-0.065 χ^2/NDF : 366973.4/14

asym_us_dd_mean vs slug



Right In: -205.819+/-240.270 χ^2/NDF : 4.1/5

Left Out: 163.472+/-228.189 χ^2/NDF : 4.8/8

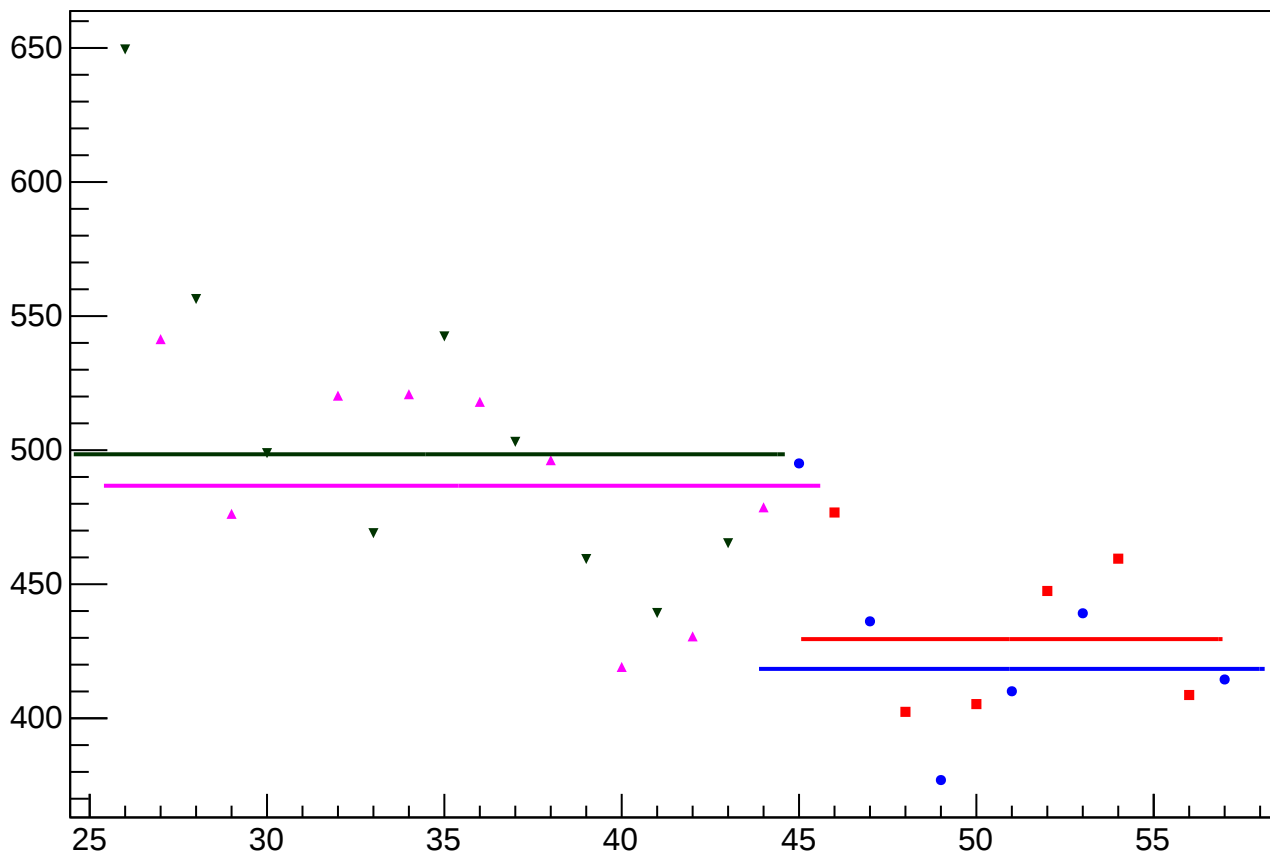
Right Out: 66.553+/-250.785 χ^2/NDF : 11.6/5

Left In: -391.603+/-206.064 χ^2/NDF : 9.5/8

-11.656+/-165.460 χ^2/NDF : 10.2/14

-206.949+/-159.212 χ^2/NDF : 23.1/14

asym_us_dd_rms vs slug



Right In: 418.421 ± 0.170 χ^2/NDF : 55860.8/5

Left Out: 498.461 ± 0.161 χ^2/NDF : 112214.2/8

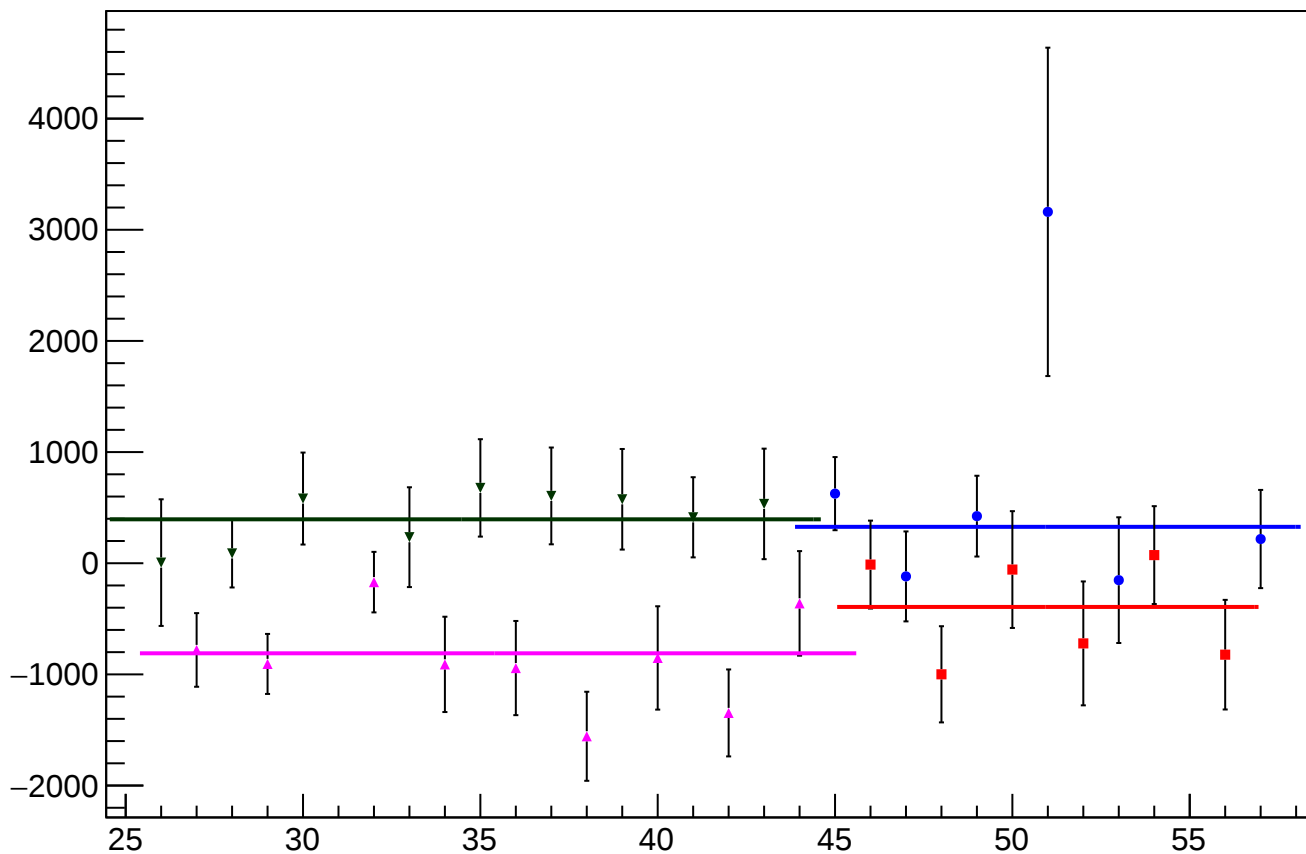
Right Out: 429.530 ± 0.177 χ^2/NDF : 24956.3/5

Left In: 486.730 ± 0.146 χ^2/NDF : 77533.3/8

460.504 ± 0.117 χ^2/NDF : 284766.7/14

463.676 ± 0.113 χ^2/NDF : 164599.3/14

asym_ds_avg_mean vs slug



Right In: 327.465+/-177.811 χ^2/NDF : 6.6/5

Left Out: 395.054+/-139.188 χ^2/NDF : 2.7/8

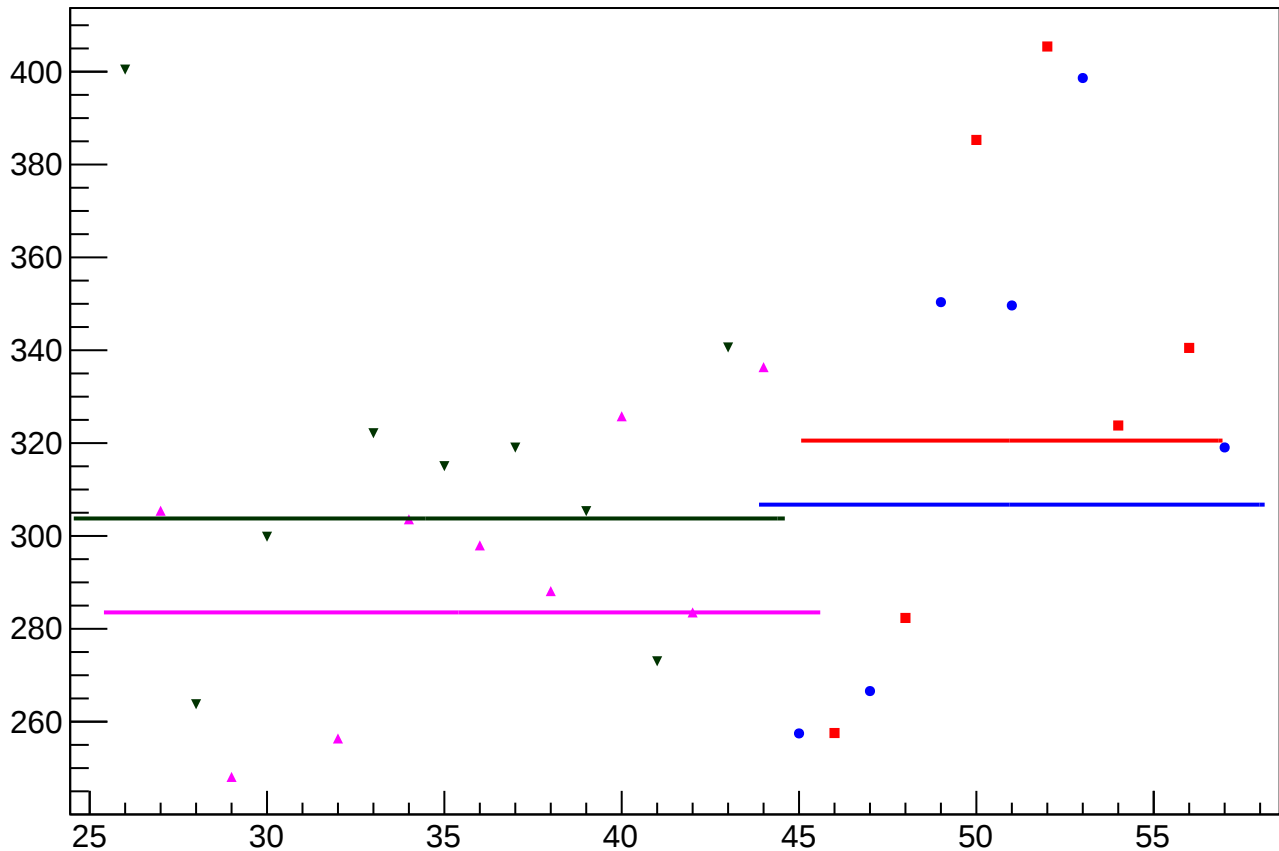
Right Out: -393.209+/-189.493 χ^2/NDF : 5.5/5

Left In: -810.313+/-120.172 χ^2/NDF : 12.1/8

369.374+/-109.602 χ^2/NDF : 9.3/14

-690.677+/-101.485 χ^2/NDF : 21.1/14

asym_ds_avg_rms vs slug



Right In: 306.745+/-0.126 χ^2/NDF : 149423.9/5

Left Out: 303.766+/-0.098 χ^2/NDF :124512.2/8

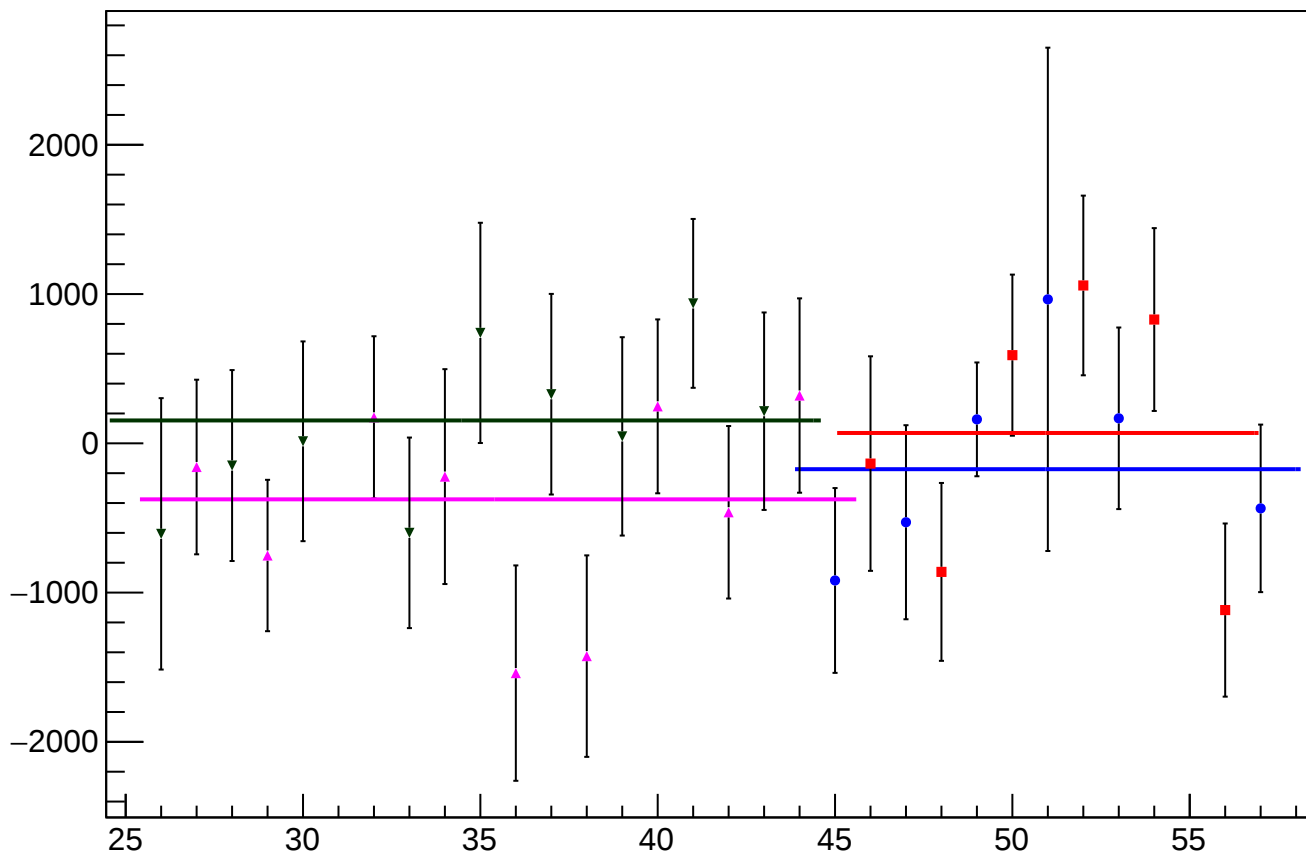
Right Out: 320.541+/-0.134 χ^2/NDF : 146467.0/5

Left In: 283.532+/-0.085 χ^2/NDF :111777.4/8

304.898+/-0.078 χ^2/NDF : 274284.3/14

294.147+/-0.072 χ^2/NDF : 312650.8/14

asym_ds_dd_mean vs slug



Right In: -173.285 ± 235.126 χ^2/NDF : 3.5/5

Left Out: 153.259 ± 223.218 χ^2/NDF : 5.0/8

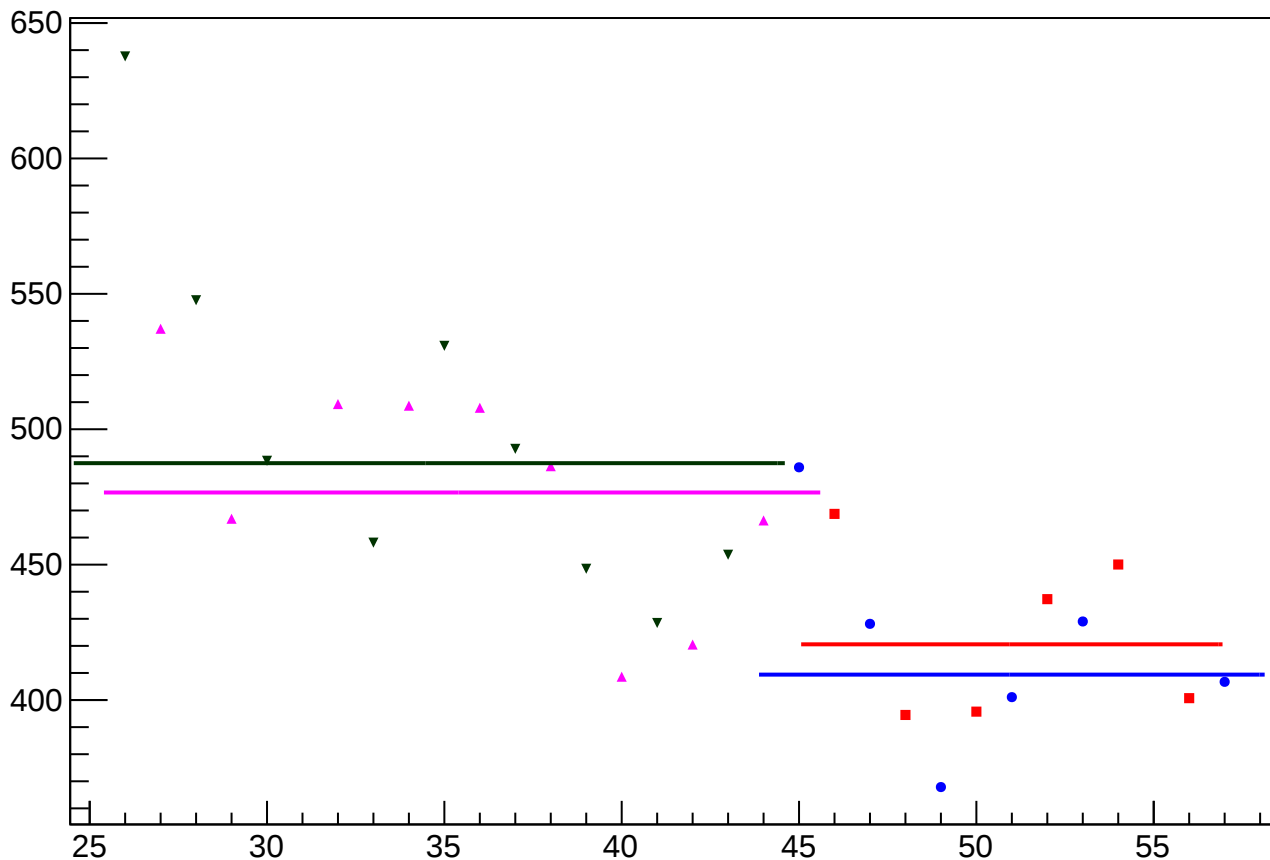
Right Out: 69.339 ± 245.552 χ^2/NDF : 11.9/5

Left In: -375.323 ± 201.839 χ^2/NDF : 9.1/8

-1.535 ± 161.885 χ^2/NDF : 9.5/14

-196.029 ± 155.924 χ^2/NDF : 22.9/14

asym_ds_dd_rms vs slug



Right In: 409.388 $\pm$ 0.166 χ^2 /NDF: 58157.6/5

Left Out: 487.474 $\pm$ 0.158 χ^2 /NDF:117424.5/8

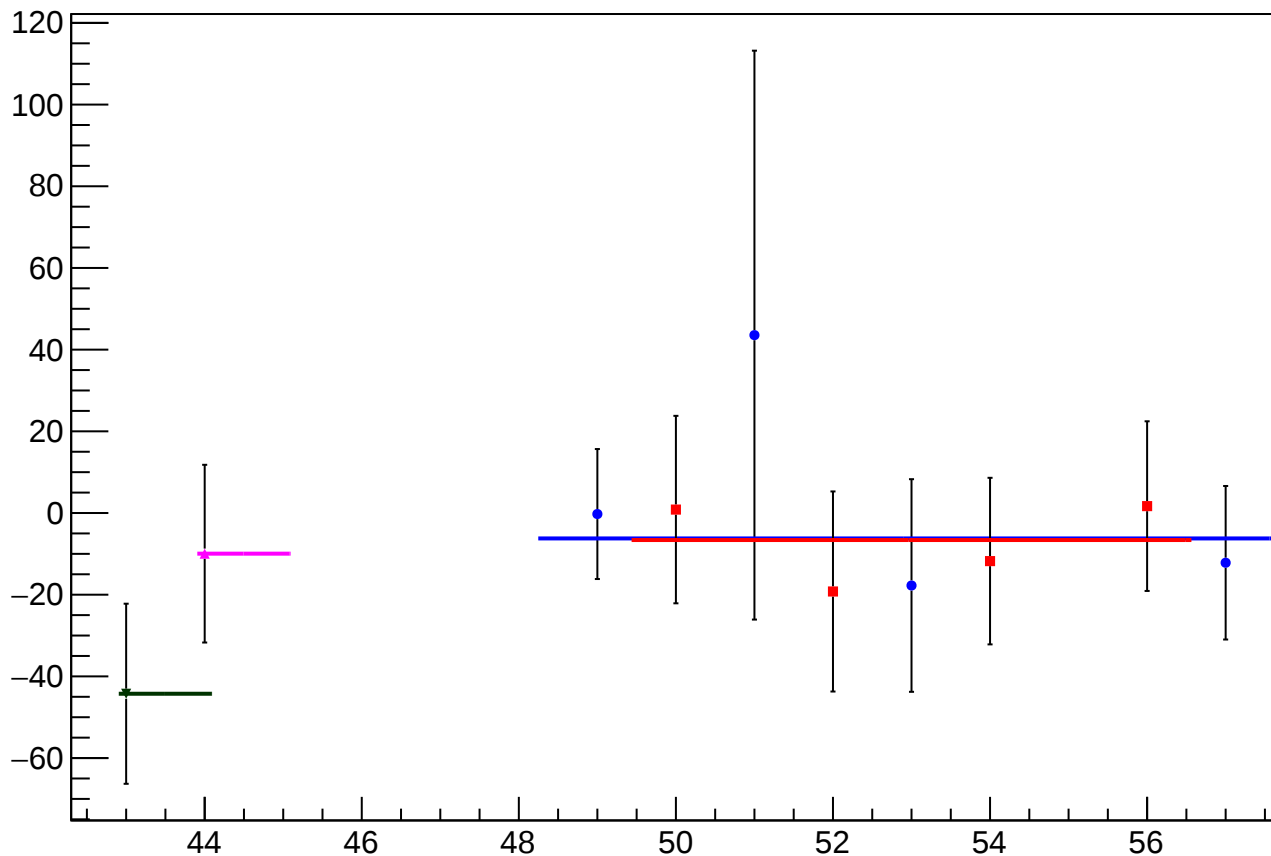
Right Out: 420.575 $\pm$ 0.174 χ^2 /NDF: 25575.7/5

Left In: 476.643 $\pm$ 0.143 χ^2 /NDF:84134.8/8

450.458 $\pm$ 0.114 χ^2 /NDF: 291598.9/14

454.035 $\pm$ 0.110 χ^2 /NDF: 171939.5/14

bcm_an_us_ds_dd_mean vs slug



Right In: -6.225 $\pm$ 10.871 χ^2 /NDF: 0.9/3

Left Out: -44.252 $\pm$ 22.047 χ^2 /NDF: 0.0/0

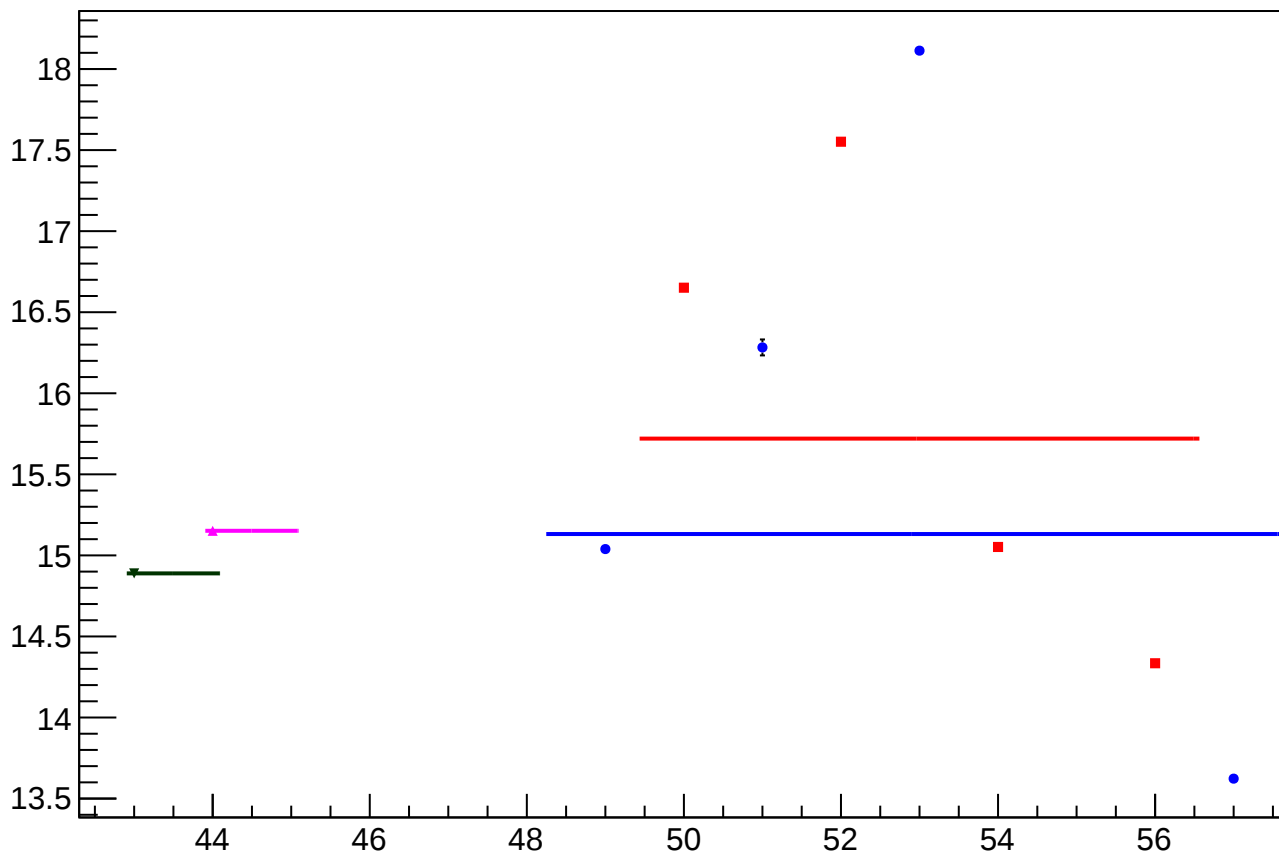
Right Out: -6.616 $\pm$ 10.984 χ^2 /NDF: 0.6/3

Left In: -9.952 $\pm$ 21.757 χ^2 /NDF: 0.0/0

-13.662 $\pm$ 9.750 χ^2 /NDF: 3.3/4

-7.294 $\pm$ 9.805 χ^2 /NDF: 0.6/4

bcm_an_us_ds_dd_rms vs slug



Right In: 15.132 $\pm$ 0.008 χ^2 /NDF: 39743.2/3

Left Out: 14.889 $\pm$ 0.016 χ^2 /NDF: 0.0/0

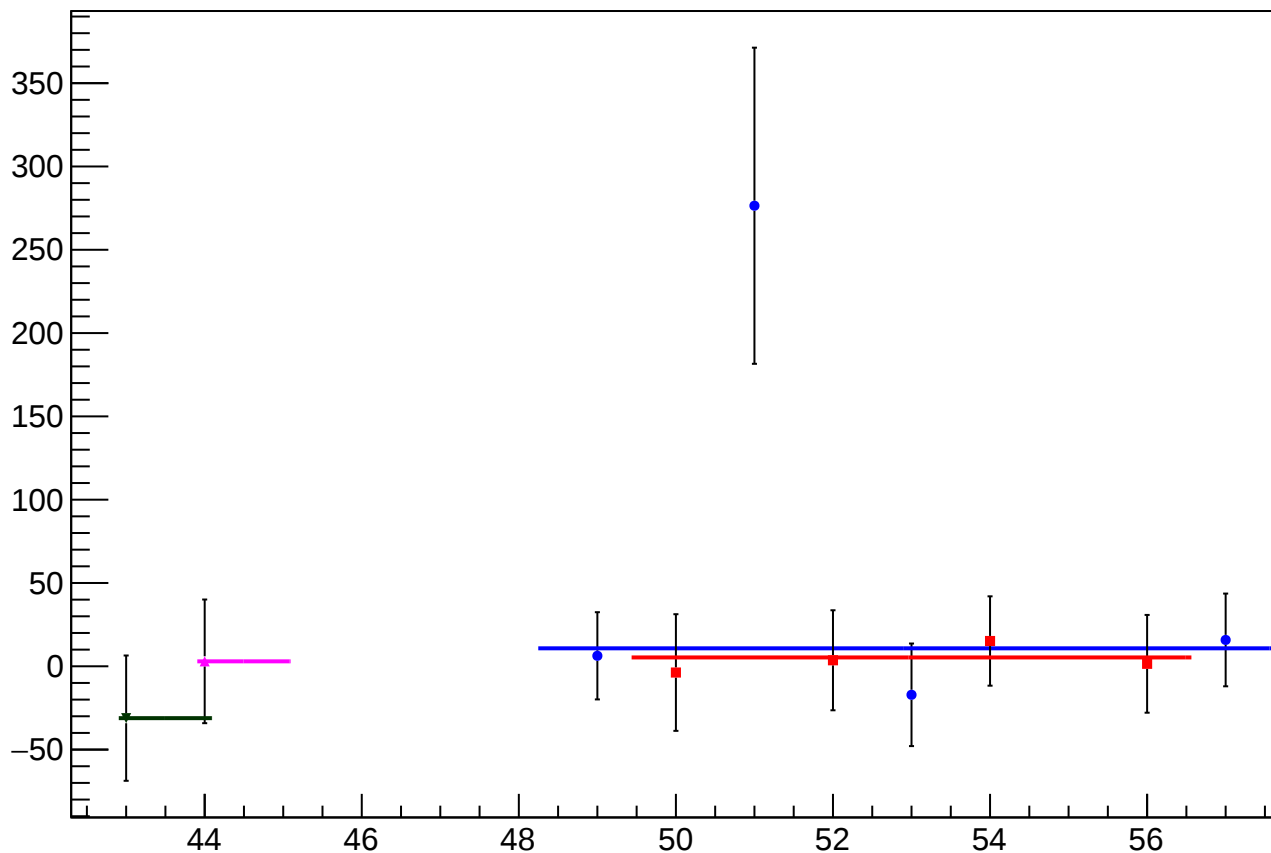
Right Out: 15.720 $\pm$ 0.008 χ^2 /NDF: 25521.0/3

Left In: 15.152 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.084 $\pm$ 0.007 χ^2 /NDF: 39938.3/4

15.605 $\pm$ 0.007 χ^2 /NDF: 26609.8/4

bcm_dg_us_ds_dd_mean vs slug



Right In: 10.784 $\pm$ 15.978 χ^2 /NDF: 8.7/3

Left Out: -31.130 $\pm$ 37.603 χ^2 /NDF: 0.0/0

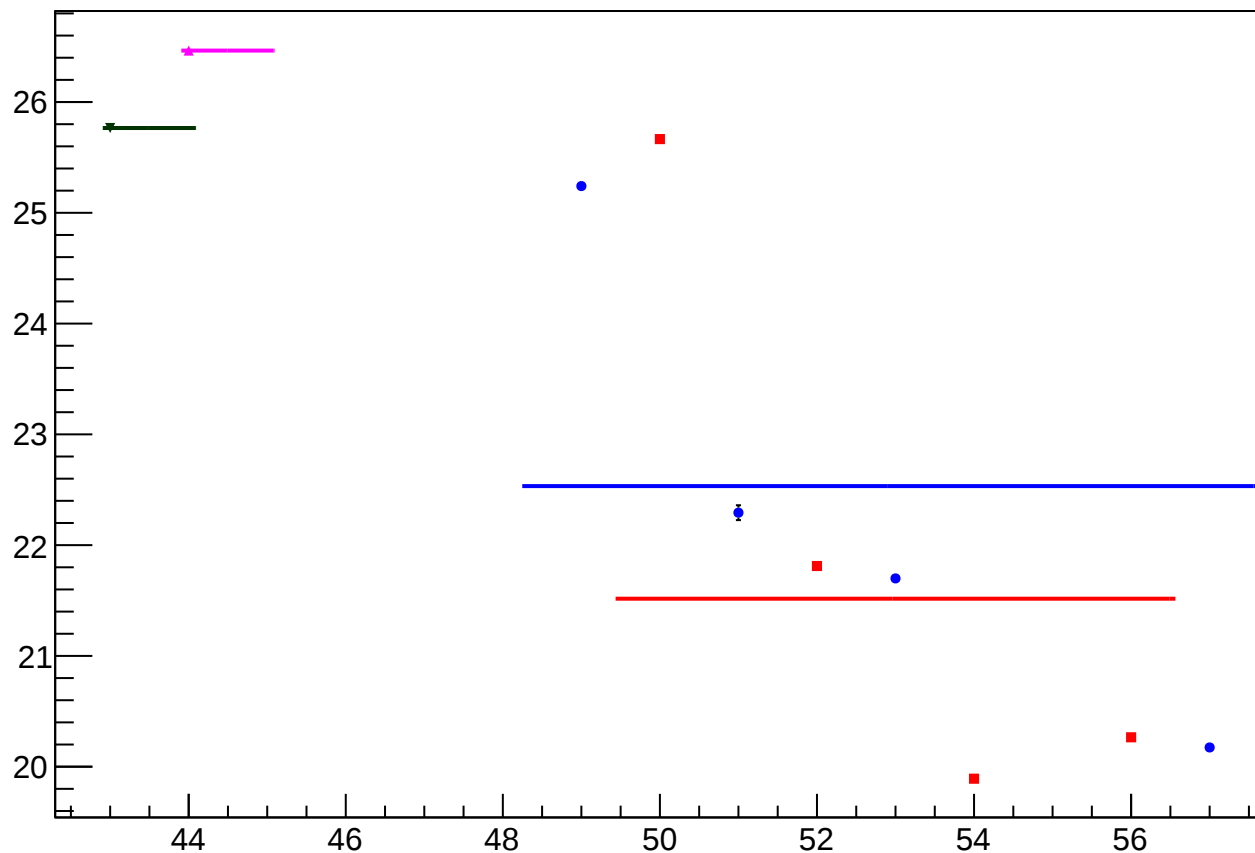
Right Out: 5.309 $\pm$ 14.944 χ^2 /NDF: 0.2/3

Left In: 2.964 $\pm$ 37.111 χ^2 /NDF: 0.0/0

4.373 $\pm$ 14.705 χ^2 /NDF: 9.8/4

4.982 $\pm$ 13.863 χ^2 /NDF: 0.2/4

bcm_dg_us_ds_dd_rms vs slug



Right In: 22.533 $\pm$ 0.011 χ^2 /NDF: 37266.1/3

Left Out: 25.766 $\pm$ 0.027 χ^2 /NDF: 0.0/0

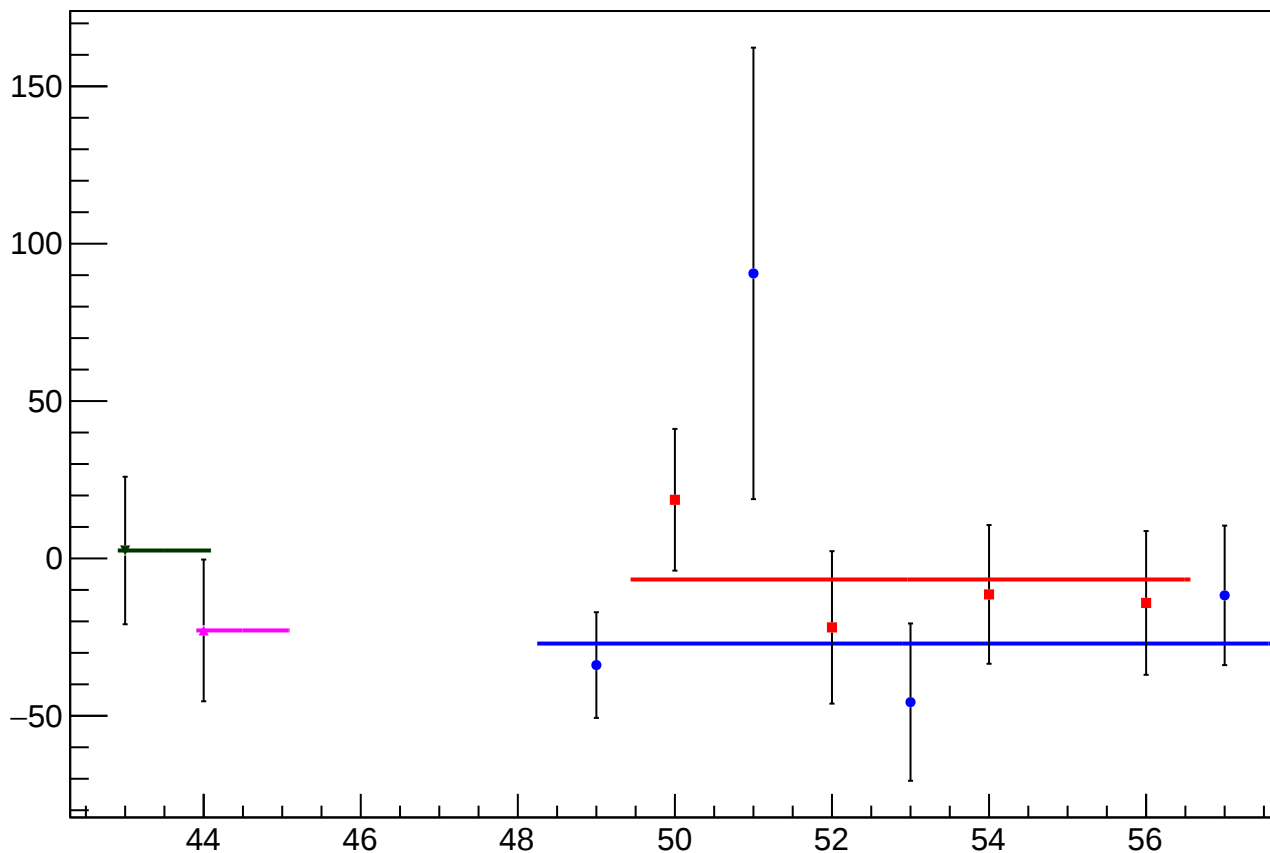
Right Out: 21.516 $\pm$ 0.011 χ^2 /NDF: 39262.5/3

Left In: 26.465 $\pm$ 0.026 χ^2 /NDF: 0.0/0

23.027 $\pm$ 0.010 χ^2 /NDF: 49786.1/4

22.207 $\pm$ 0.010 χ^2 /NDF: 69855.1/4

bcm_dg_ds_ds_dd_mean vs slug



Right In: -27.045 ± 11.641 χ^2/NDF : 3.9/3

Left Out: 2.521 ± 23.436 χ^2/NDF : 0.0/0

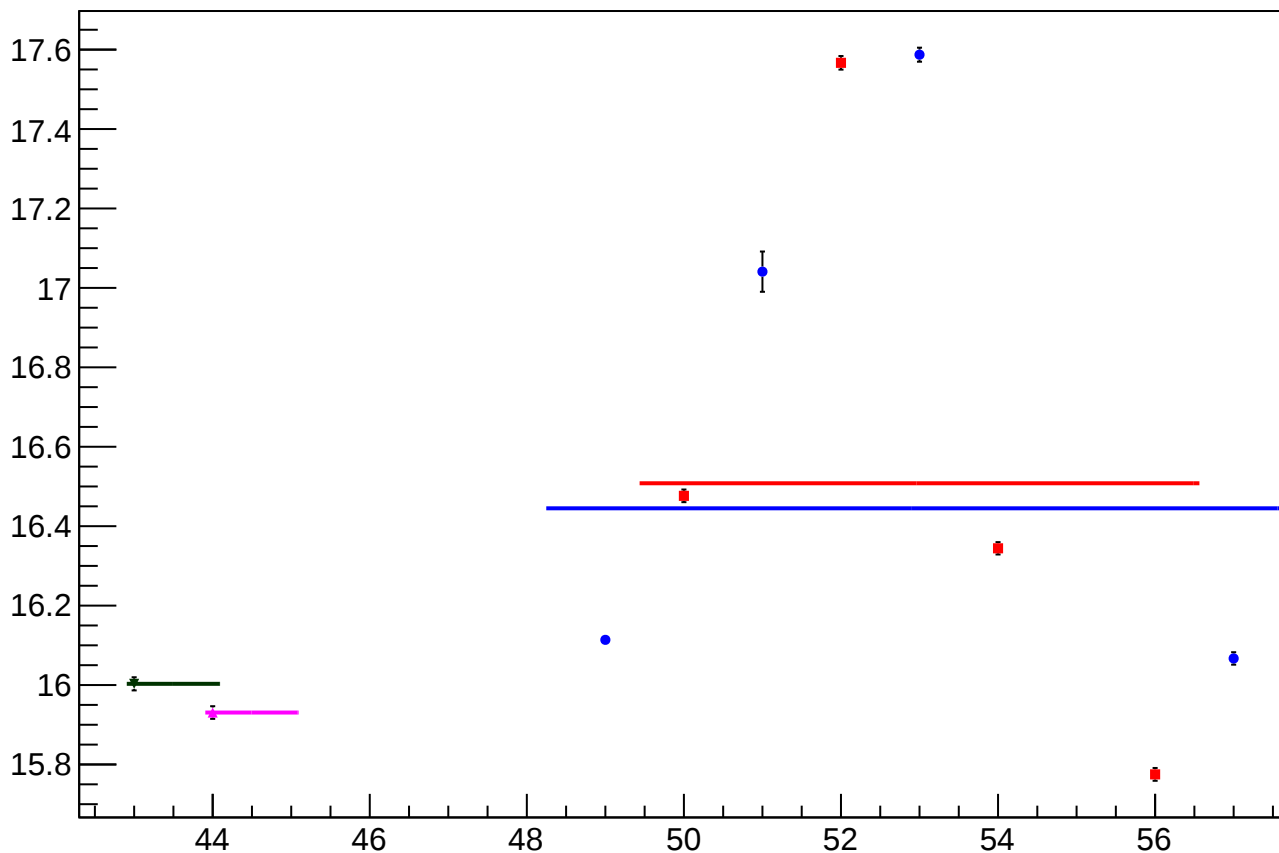
Right Out: -6.691 ± 11.429 χ^2/NDF : 1.8/3

Left In: -22.872 ± 22.514 χ^2/NDF : 0.0/0

-21.194 ± 10.426 χ^2/NDF : 5.2/4

-10.006 ± 10.191 χ^2/NDF : 2.2/4

bcm_dg_ds_ds_dd_rms vs slug



Right In: 16.445 $\pm$ 0.008 χ^2 /NDF: 5675.6/3

Left Out: 16.003 $\pm$ 0.017 χ^2 /NDF: 0.0/0

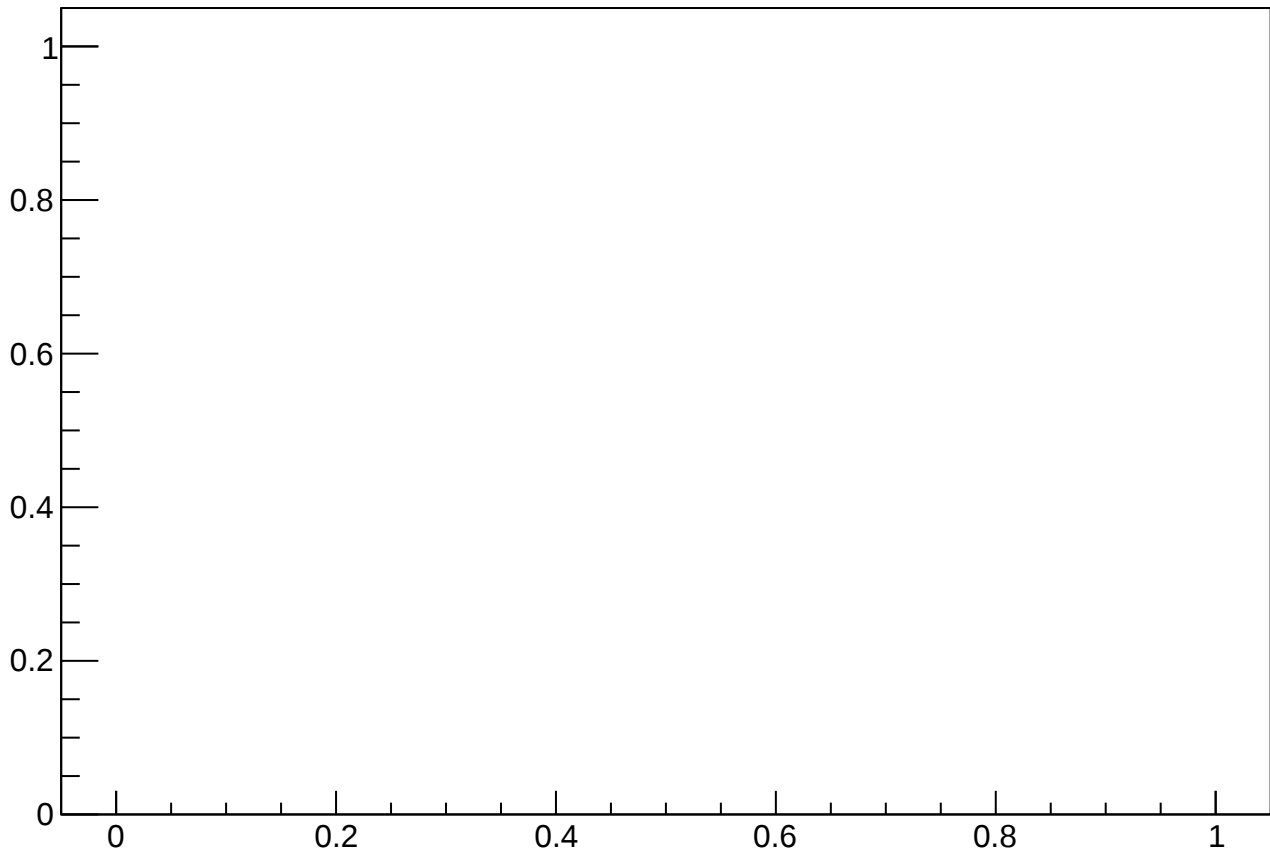
Right Out: 16.508 $\pm$ 0.008 χ^2 /NDF: 5997.2/3

Left In: 15.931 $\pm$ 0.016 χ^2 /NDF: 0.0/0

16.358 $\pm$ 0.007 χ^2 /NDF: 6246.1/4

16.390 $\pm$ 0.007 χ^2 /NDF: 7042.7/4

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

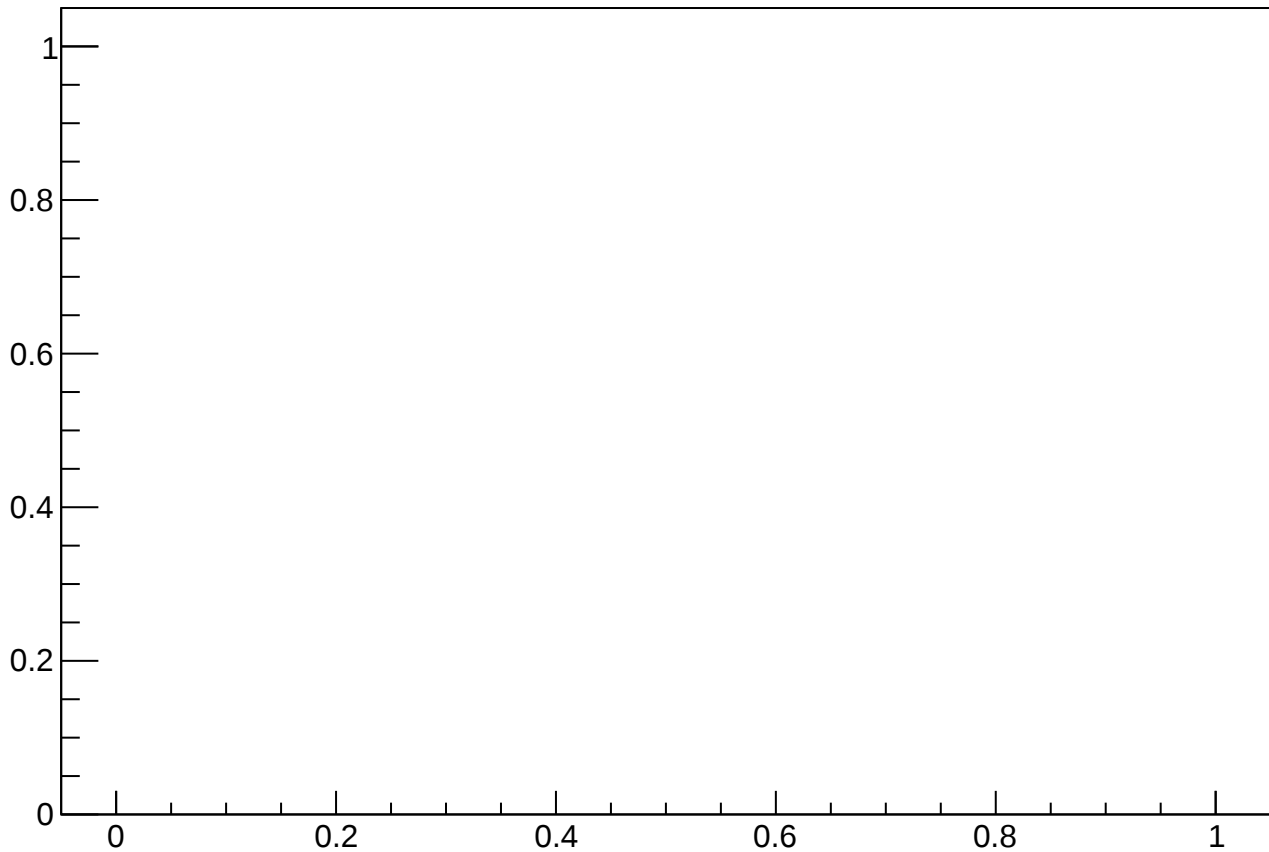
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

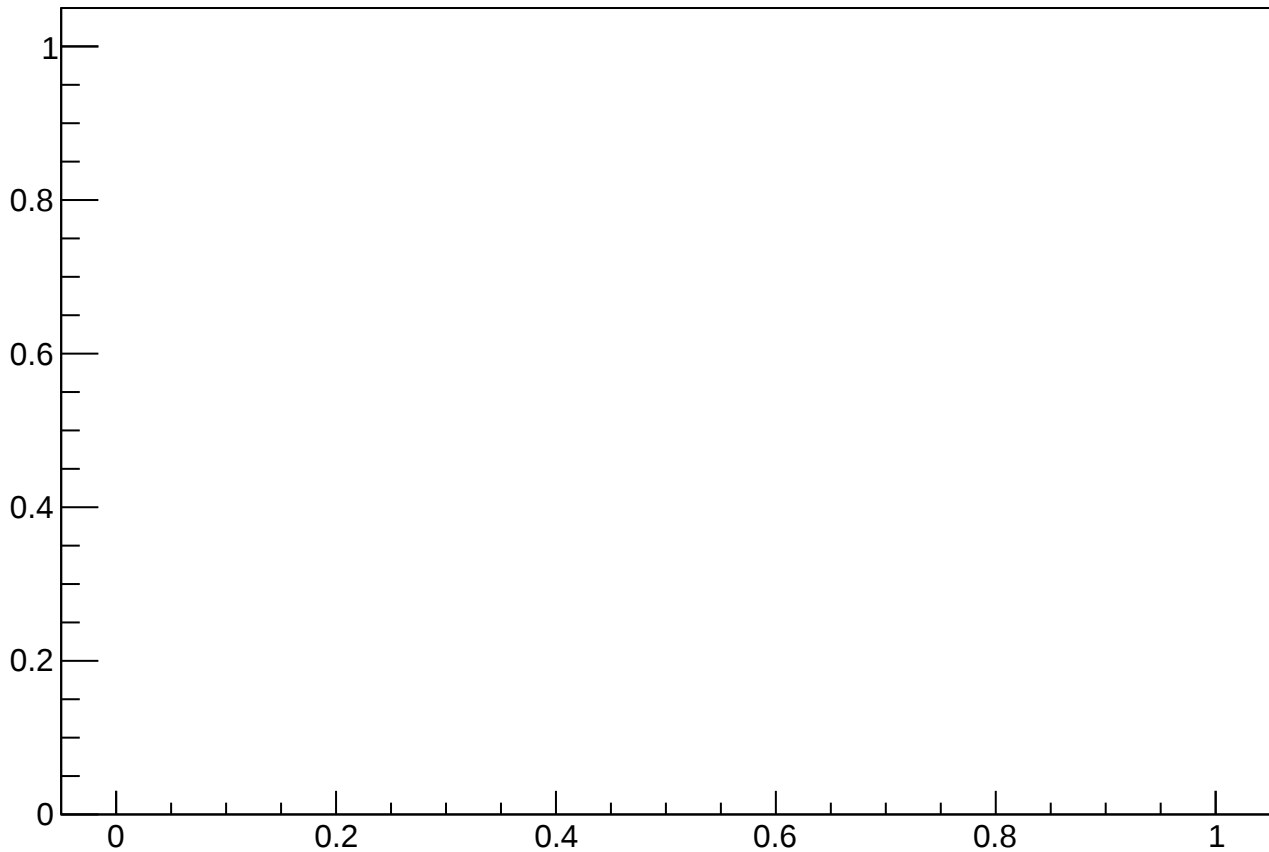
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

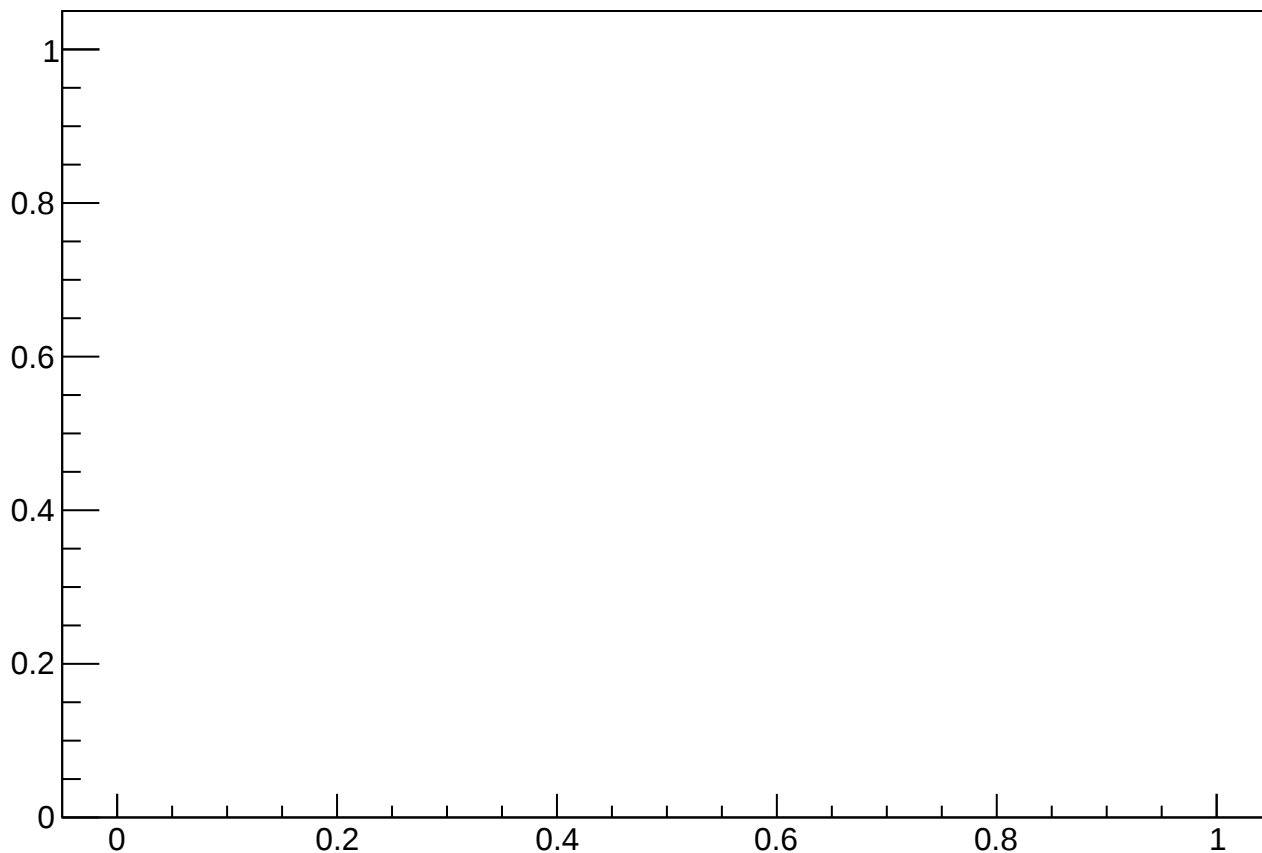
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

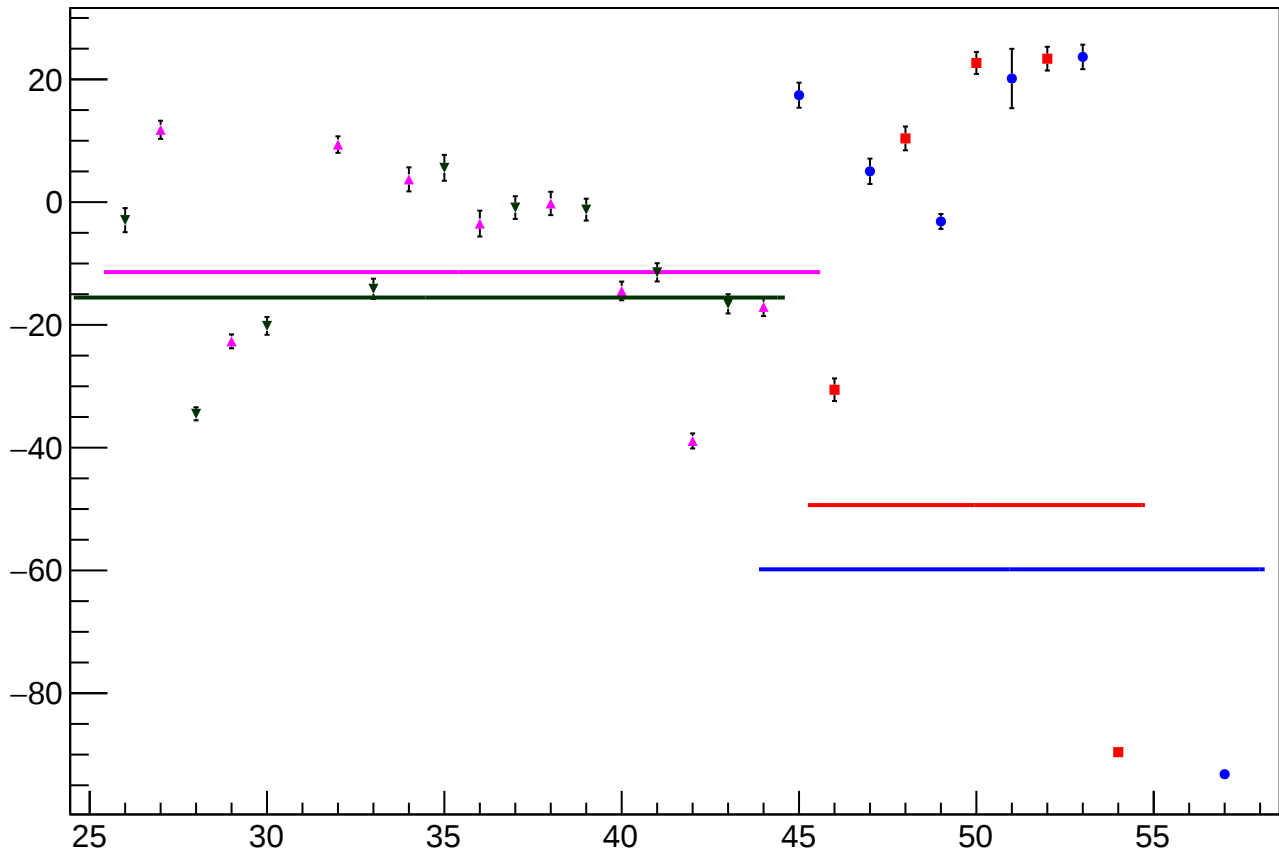
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -59.819 ± 0.479 χ^2/NDF : 9867.0/5

Left Out: -15.543 ± 0.522 χ^2/NDF : 604.1/8

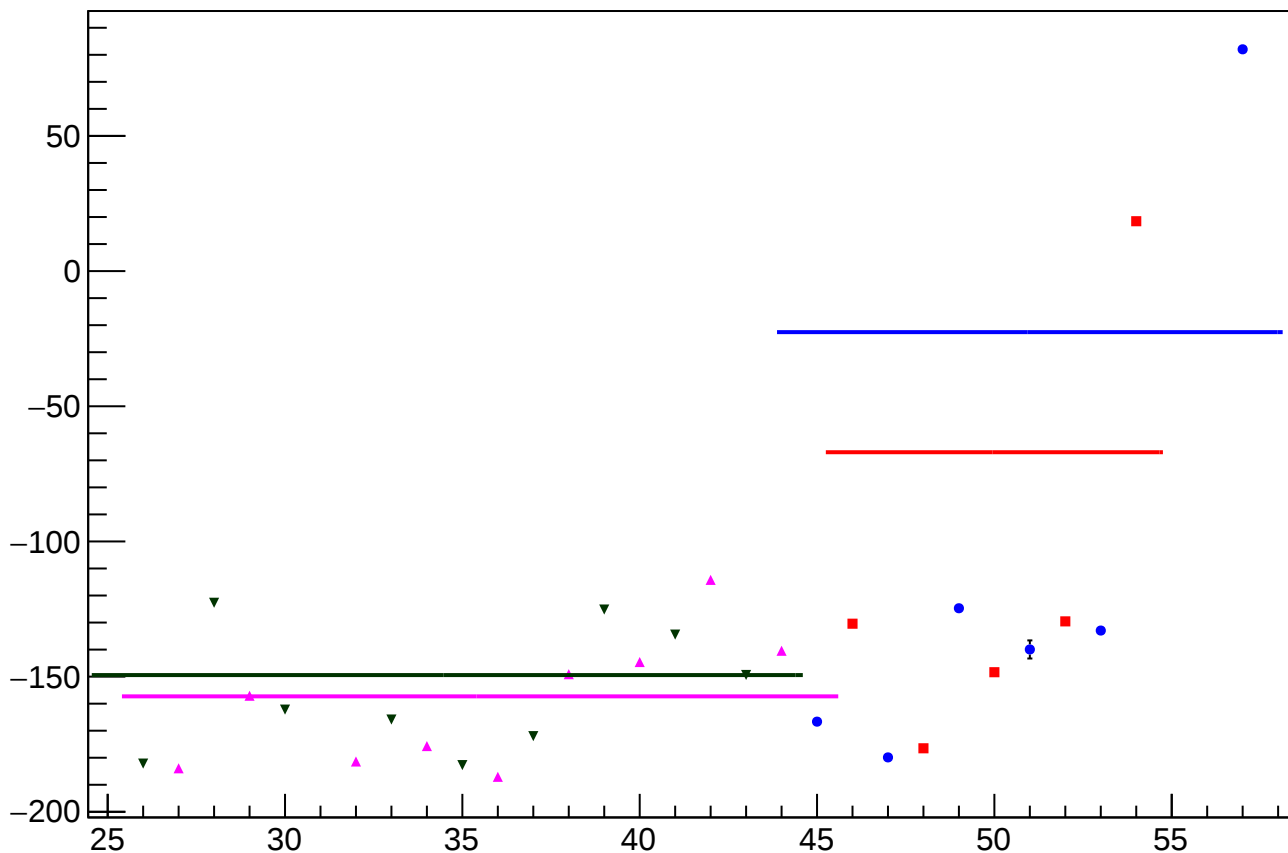
Right Out: -49.351 ± 0.607 χ^2/NDF : 6632.9/4

Left In: -11.401 ± 0.495 χ^2/NDF : 1211.6/8

-39.555 ± 0.353 χ^2/NDF : 14376.6/14

-26.550 ± 0.384 χ^2/NDF : 10191.7/13

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -22.576 ± 0.443 $\chi^2/\text{NDF}: 65791.3/5$

Left Out: -149.424 ± 0.396 $\chi^2/\text{NDF}: 3200.7/8$

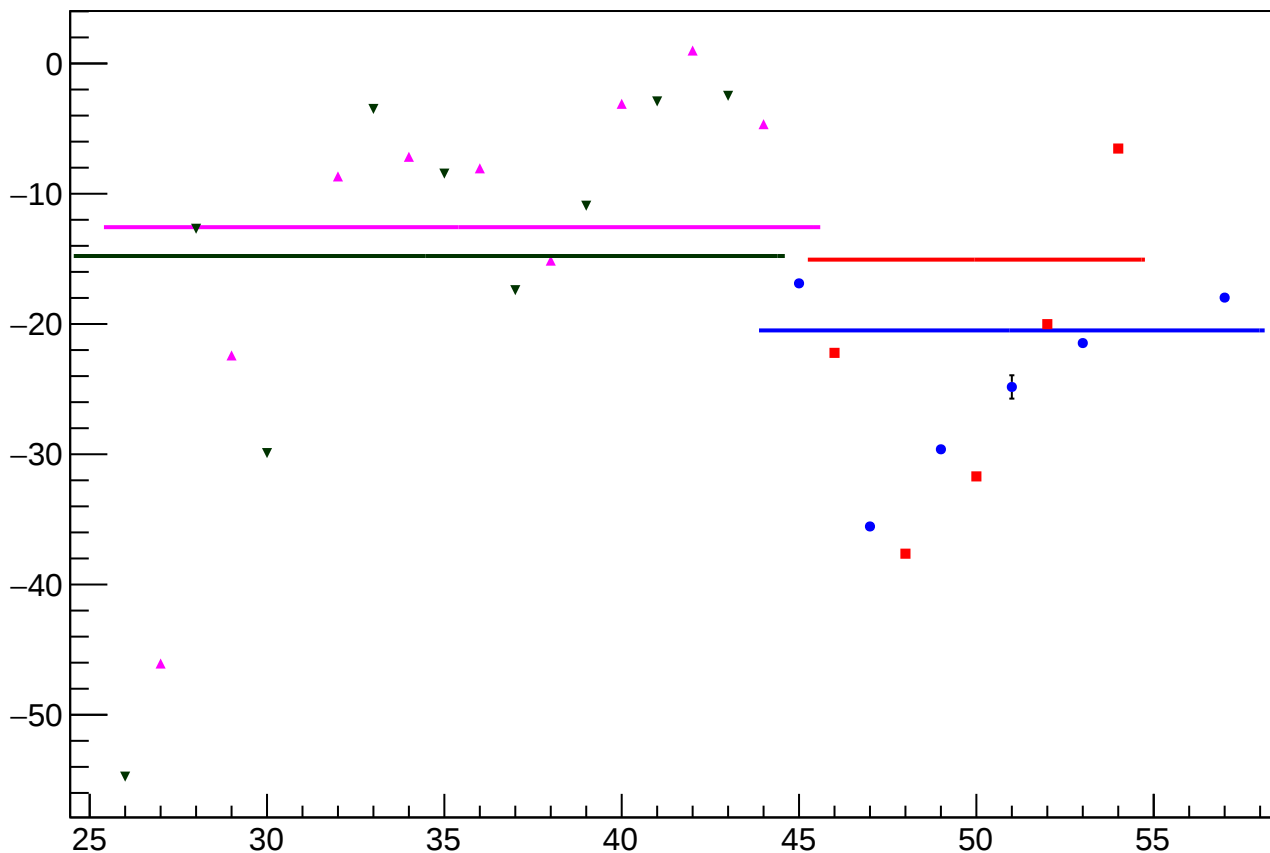
Right Out: -66.997 ± 0.525 $\chi^2/\text{NDF}: 24626.4/4$

Left In: -157.298 ± 0.365 $\chi^2/\text{NDF}: 4330.4/8$

-93.131 ± 0.295 $\chi^2/\text{NDF}: 114546.1/14$

-127.815 ± 0.300 $\chi^2/\text{NDF}: 48893.8/13$

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -20.493 ± 0.083 χ^2/NDF : 4082.3/5

Left Out: -14.780 ± 0.088 χ^2/NDF : 26305.9/8

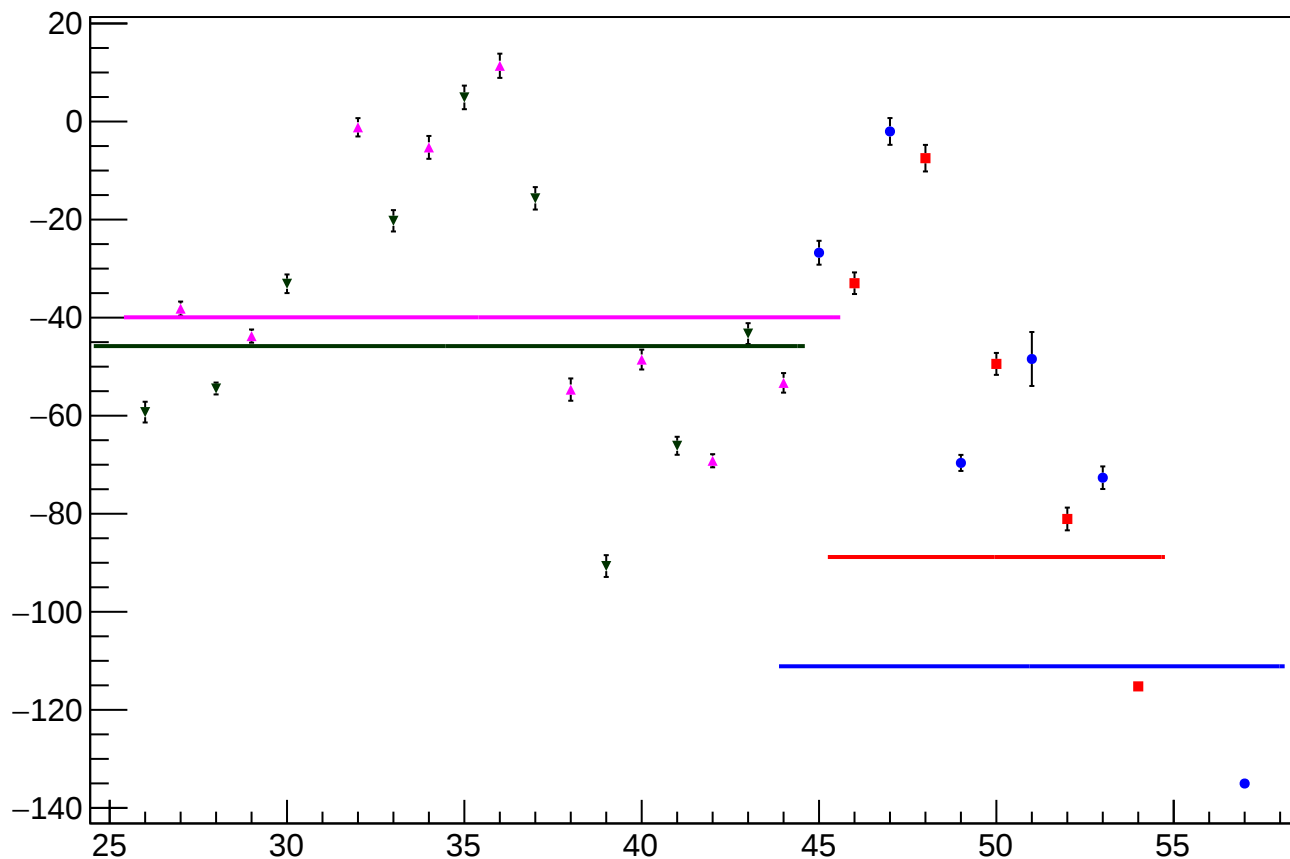
Right Out: -15.059 ± 0.104 χ^2/NDF : 11246.9/4

Left In: -12.566 ± 0.085 χ^2/NDF : 25284.3/8

-17.827 ± 0.060 χ^2/NDF : 32617.1/14

-13.564 ± 0.066 χ^2/NDF : 36874.0/13

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: -111.114+/-0.564 χ^2/NDF : 5126.4/5

Left Out: -45.805+/-0.636 χ^2/NDF :1422.6/8

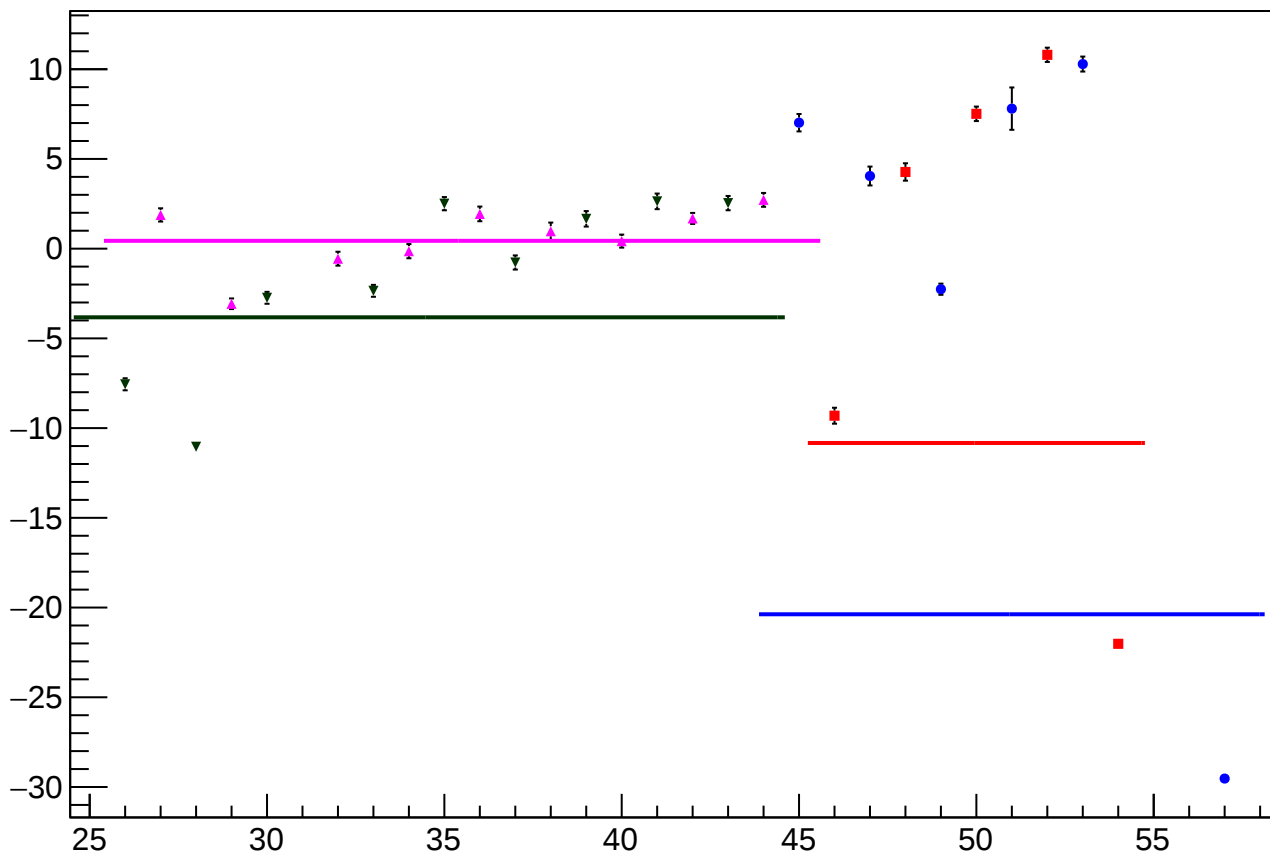
Right Out: -88.825+/-0.719 χ^2/NDF : 2706.2/4

Left In: -39.933+/-0.586 χ^2/NDF :1674.5/8

-82.327+/-0.422 χ^2/NDF : 12451.1/14

-59.447+/-0.454 χ^2/NDF : 7161.7/13

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -20.375 ± 0.106 χ^2/NDF : 20060.2/5

Left Out: -3.826 ± 0.112 χ^2/NDF : 2297.6/8

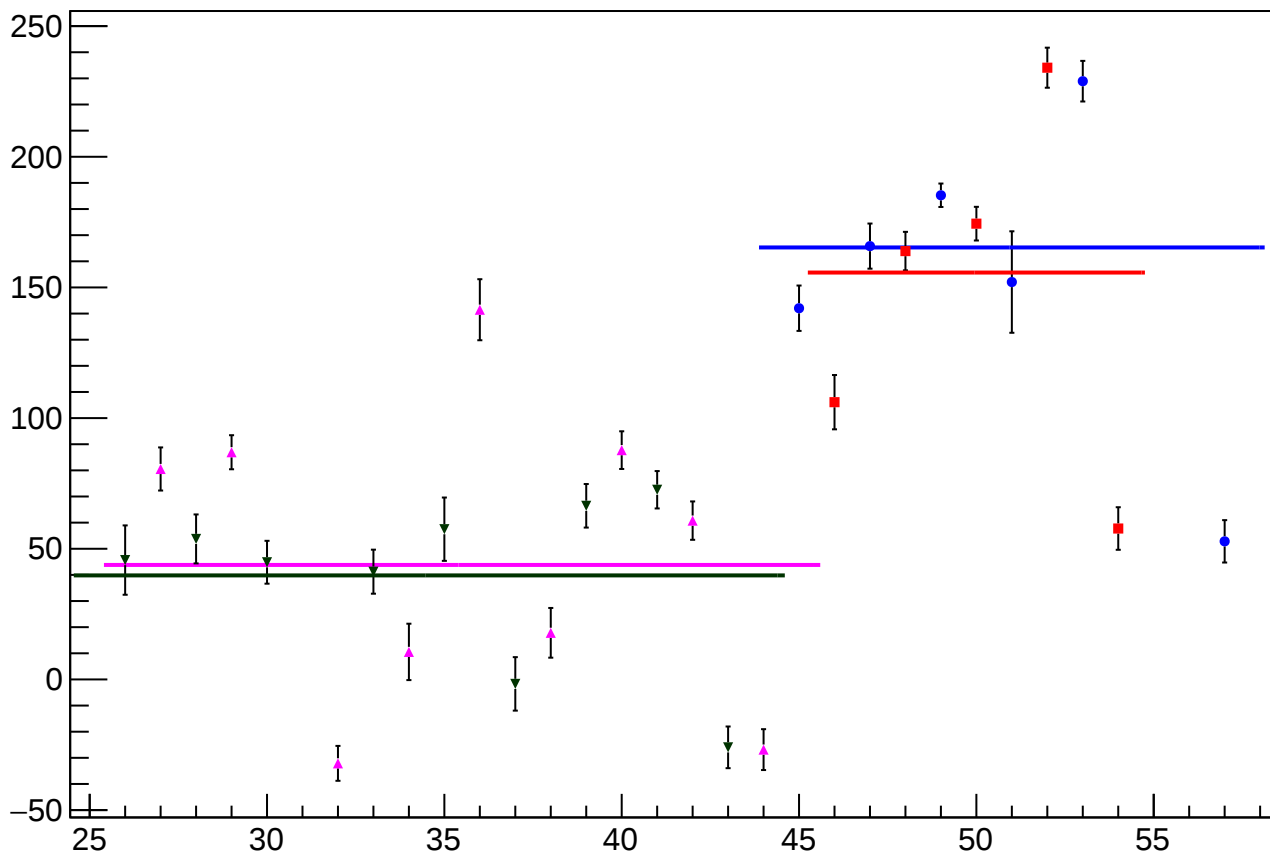
Right Out: -10.829 ± 0.141 χ^2/NDF : 9596.1/4

Left In: 0.437 ± 0.122 χ^2/NDF : 230.2/8

-12.539 ± 0.077 χ^2/NDF : 33865.4/14

-4.406 ± 0.092 χ^2/NDF : 13478.6/13

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 165.302 $\pm$ 3.003 χ^2 /NDF: 286.9/5

Left Out: 39.807 $\pm$ 2.987 χ^2 /NDF:120.7/8

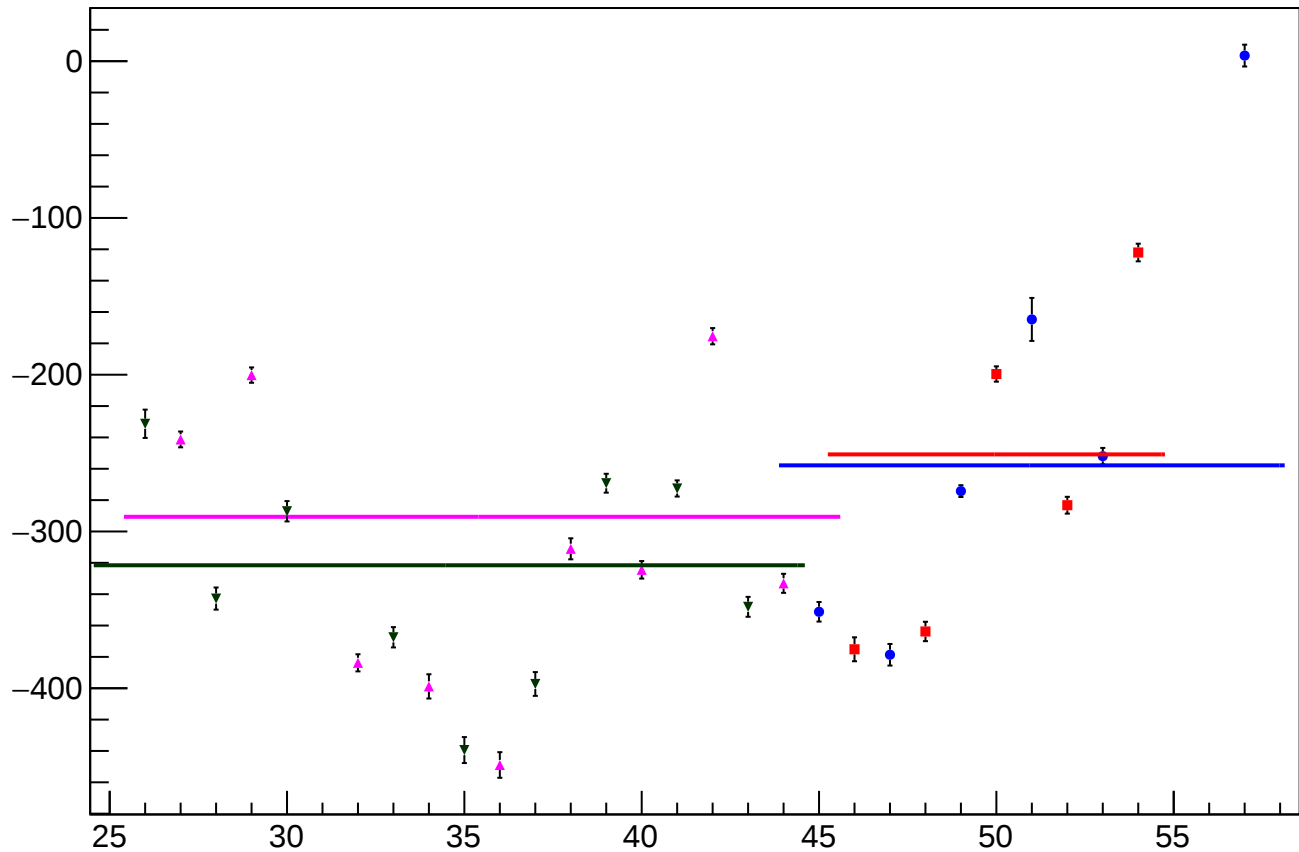
Right Out: 155.699 $\pm$ 3.453 χ^2 /NDF: 281.7/4

Left In: 43.811 $\pm$ 2.656 χ^2 /NDF:403.9/8

102.217 $\pm$ 2.118 χ^2 /NDF: 1285.3/14

85.397 $\pm$ 2.105 χ^2 /NDF: 1345.5/13

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -257.822 ± 2.361 χ^2/NDF : 2007.4/5

Left Out: -321.559 ± 2.226 χ^2/NDF : 672.6/8

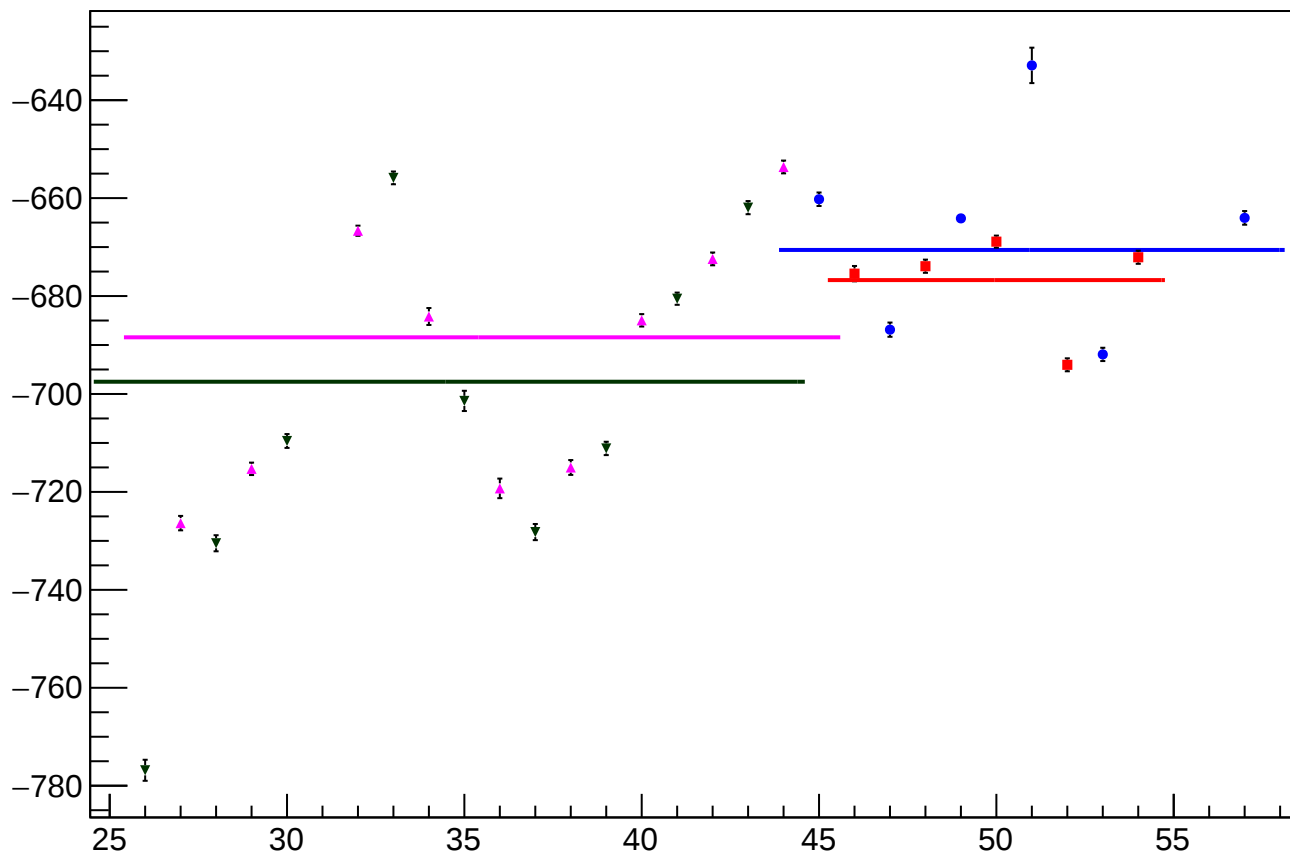
Right Out: -250.824 ± 2.569 χ^2/NDF : 1269.1/4

Left In: -290.636 ± 1.943 χ^2/NDF : 1886.8/8

-291.557 ± 1.620 χ^2/NDF : 3065.7/14

-276.148 ± 1.550 χ^2/NDF : 3308.6/13

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -670.586+/-0.550 χ^2/NDF : 608.0/5

Left Out: -697.498+/-0.500 χ^2/NDF : 4190.1/8

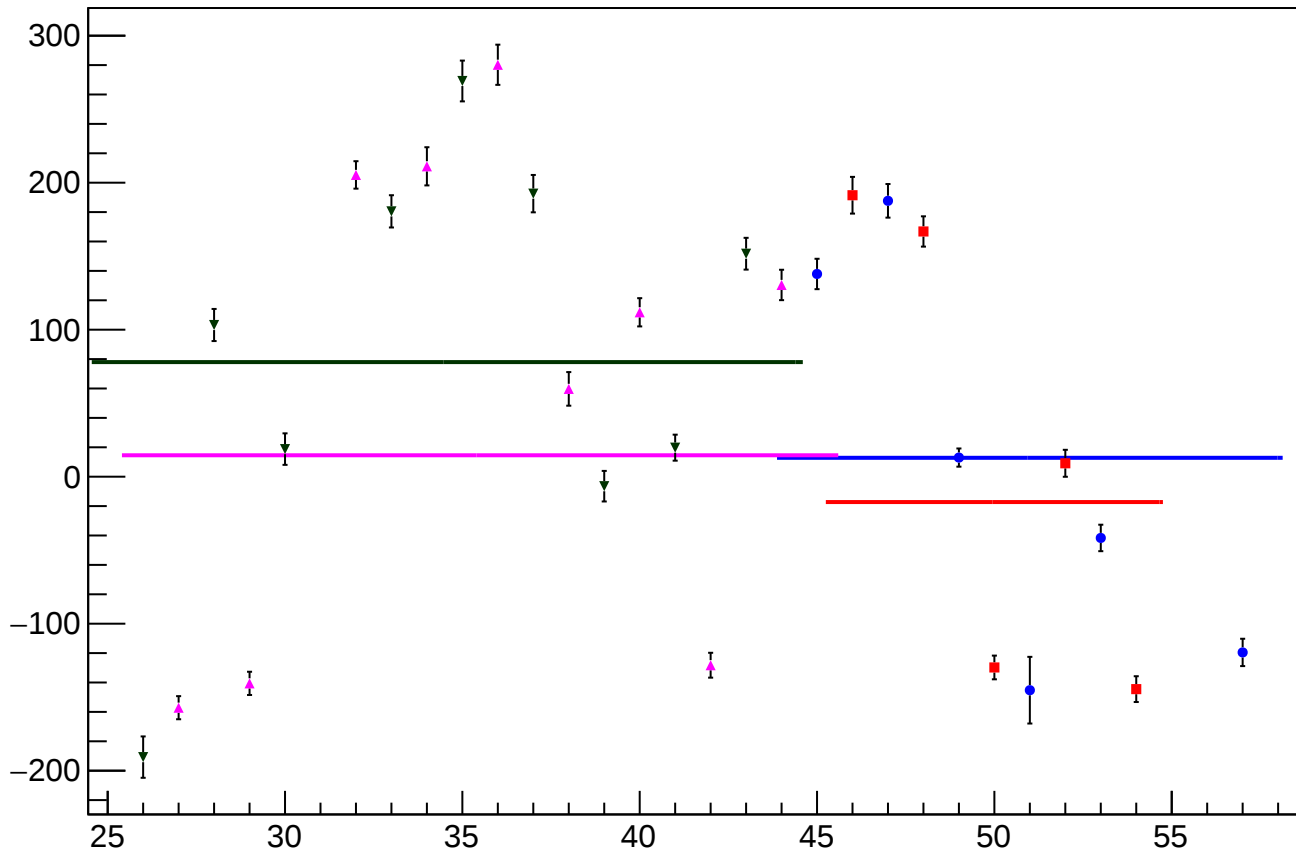
Right Out: -676.742+/-0.604 χ^2/NDF : 227.7/4

Left In: -688.429+/-0.456 χ^2/NDF : 2965.5/8

-685.328+/-0.370 χ^2/NDF : 6110.3/14

-684.192+/-0.364 χ^2/NDF : 3431.6/13

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 12.852 ± 3.807 χ^2/NDF : 668.3/5

Left Out: -77.958 ± 3.716 χ^2/NDF : 915.0/8

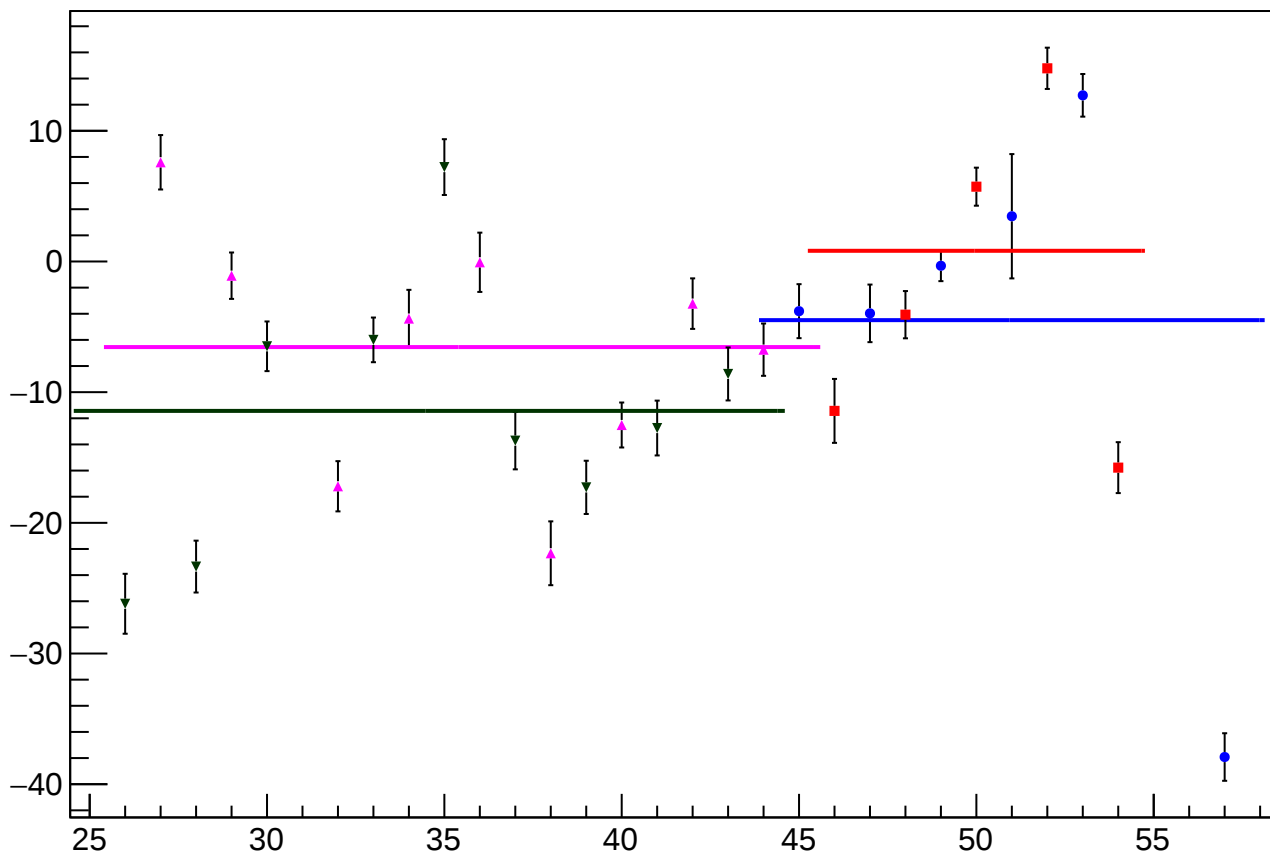
Right Out: -17.253 ± 4.222 χ^2/NDF : 1011.7/4

Left In: 14.568 ± 3.215 χ^2/NDF : 2415.4/8

46.193 ± 2.659 χ^2/NDF : 1733.1/14

2.891 ± 2.558 χ^2/NDF : 3463.1/13

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: -4.489 $\pm$ 0.728 χ^2/NDF : 464.3/5

Left Out: -11.434 $\pm$ 0.674 χ^2/NDF : 182.4/8

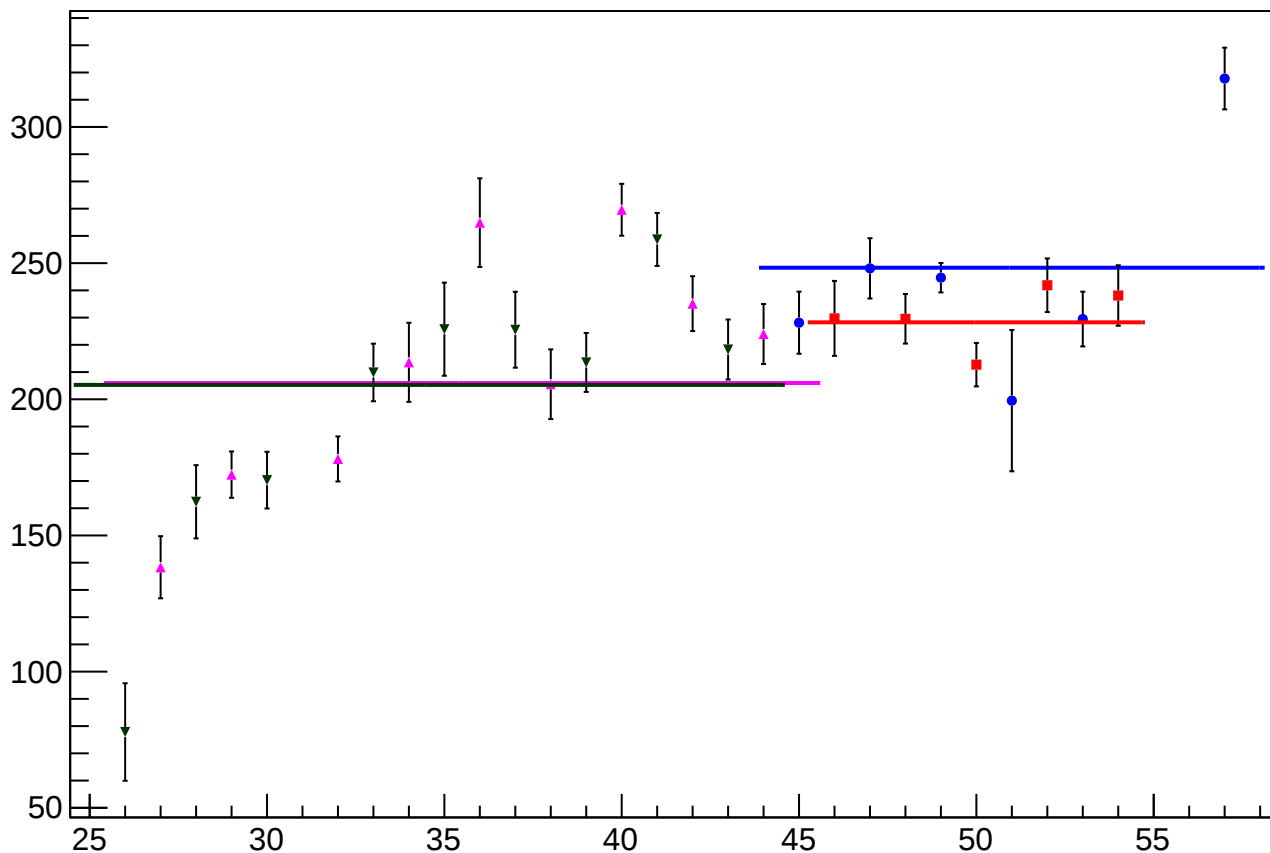
Right Out: 0.818 $\pm$ 0.788 χ^2/NDF : 194.4/4

Left In: -6.549 $\pm$ 0.668 χ^2/NDF : 152.2/8

-8.229 $\pm$ 0.495 χ^2/NDF : 695.7/14

-3.471 $\pm$ 0.510 χ^2/NDF : 397.4/13

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 248.316 ± 3.799 χ^2/NDF : 48.2/5

Left Out: 205.287 ± 3.993 χ^2/NDF : 108.0/8

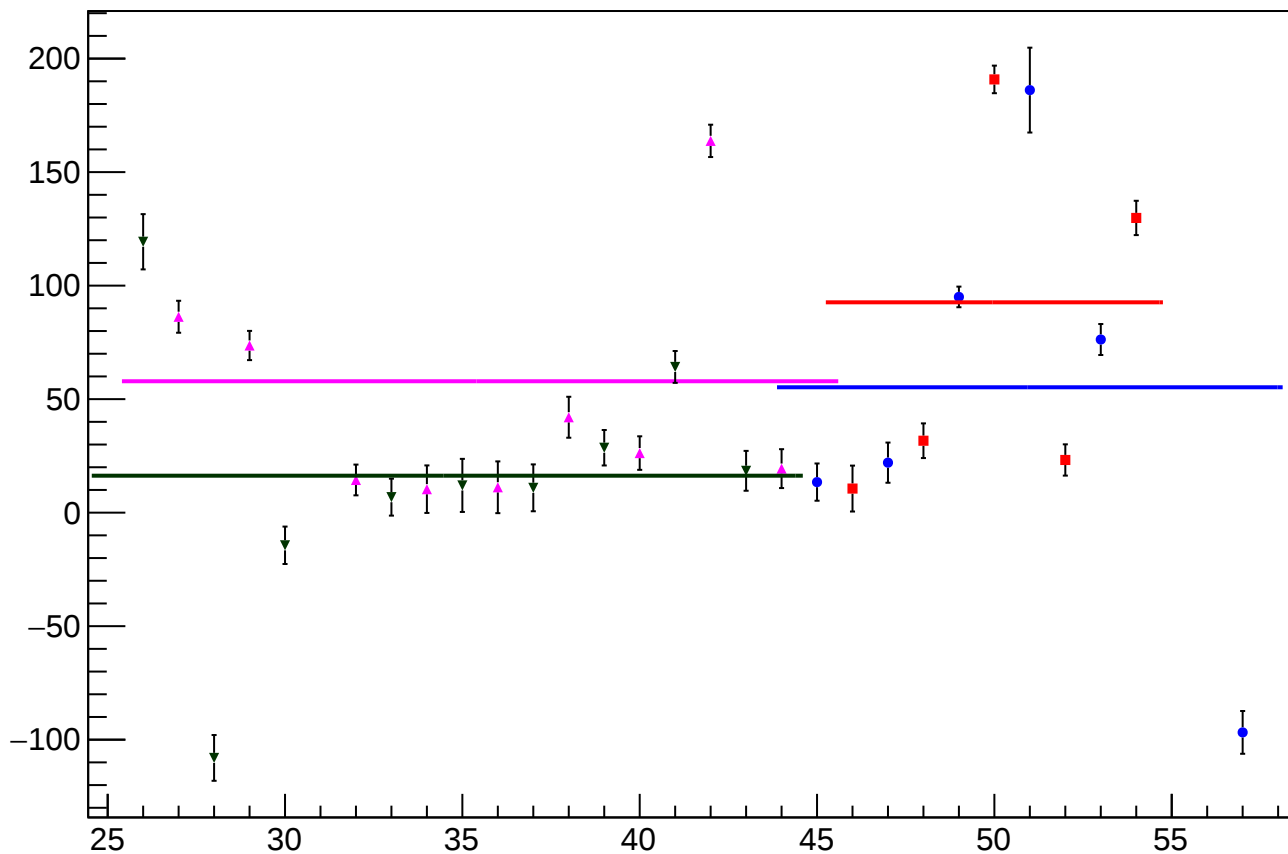
Right Out: 228.261 ± 4.407 χ^2/NDF : 6.5/4

Left In: 205.988 ± 3.539 χ^2/NDF : 131.2/8

227.871 ± 2.752 χ^2/NDF : 217.2/14

214.720 ± 2.760 χ^2/NDF : 153.2/13

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: 55.227 $\pm$ 2.991 χ^2 /NDF: 435.8/5

Left Out: 16.279 $\pm$ 2.978 χ^2 /NDF: 288.5/8

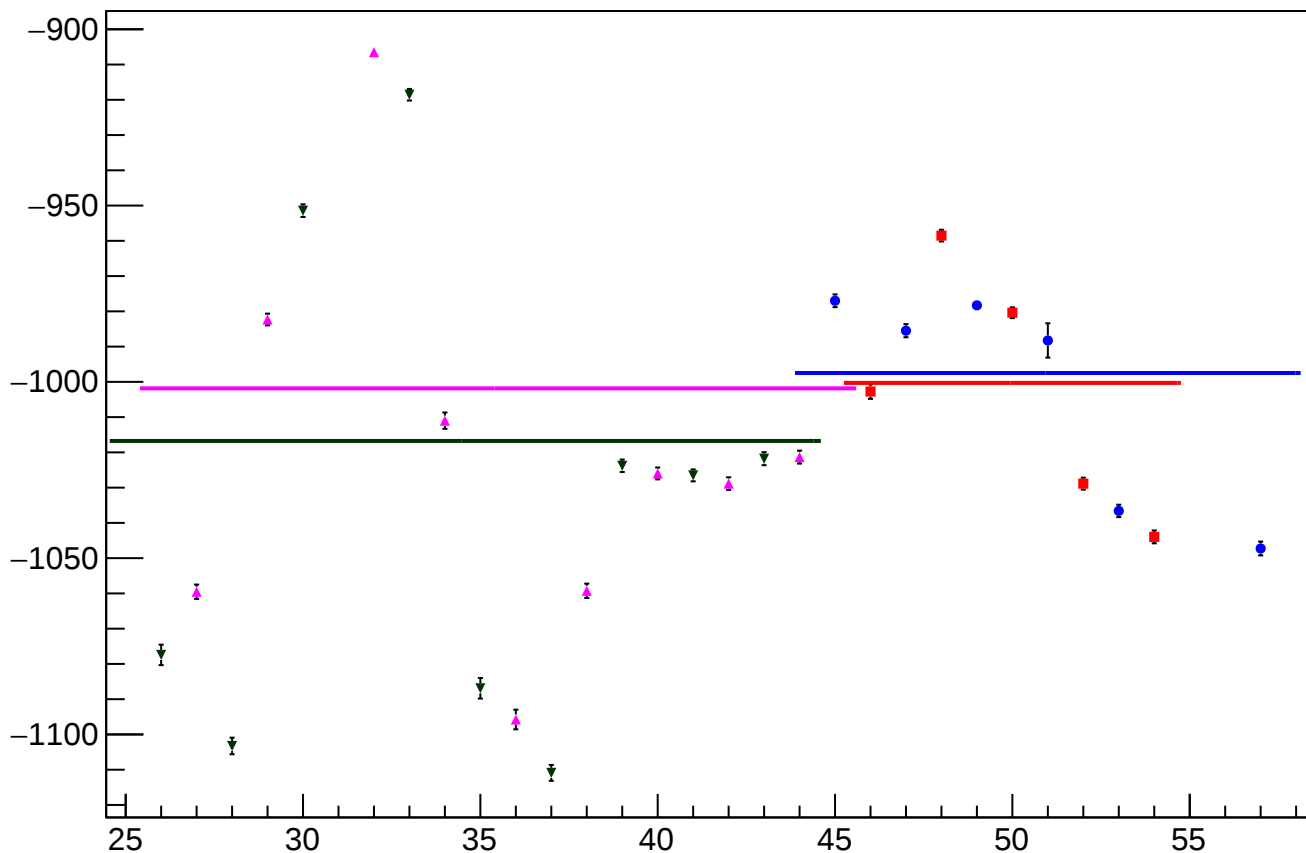
Right Out: 92.647 $\pm$ 3.286 χ^2 /NDF: 516.6/4

Left In: 57.880 $\pm$ 2.609 χ^2 /NDF: 363.5/8

35.664 $\pm$ 2.110 χ^2 /NDF: 809.5/14

71.324 $\pm$ 2.043 χ^2 /NDF: 948.7/13

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -997.480 ± 0.703 $\chi^2/\text{NDF}: 1608.8/5$

Left Out: -1016.757 ± 0.666 $\chi^2/\text{NDF}: 9085.0/8$

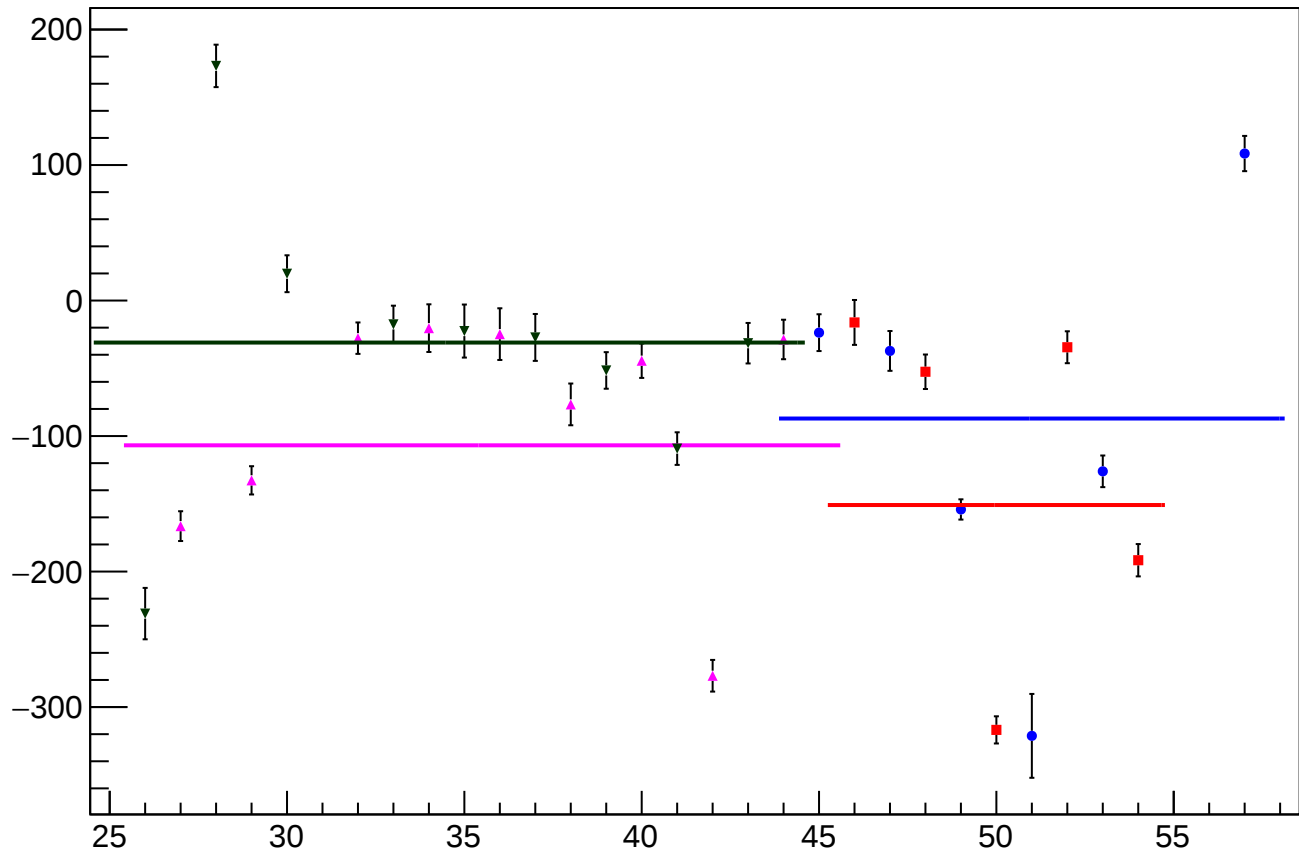
Right Out: -1000.295 ± 0.775 $\chi^2/\text{NDF}: 1653.9/4$

Left In: -1001.844 ± 0.607 $\chi^2/\text{NDF}: 8875.1/8$

-1007.630 ± 0.483 $\chi^2/\text{NDF}: 11090.1/14$

-1001.256 ± 0.478 $\chi^2/\text{NDF}: 10531.5/13$

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: -87.064 ± 4.865 $\chi^2/\text{NDF}: 408.3/5$

Left Out: -31.002 ± 4.978 $\chi^2/\text{NDF}: 340.9/8$

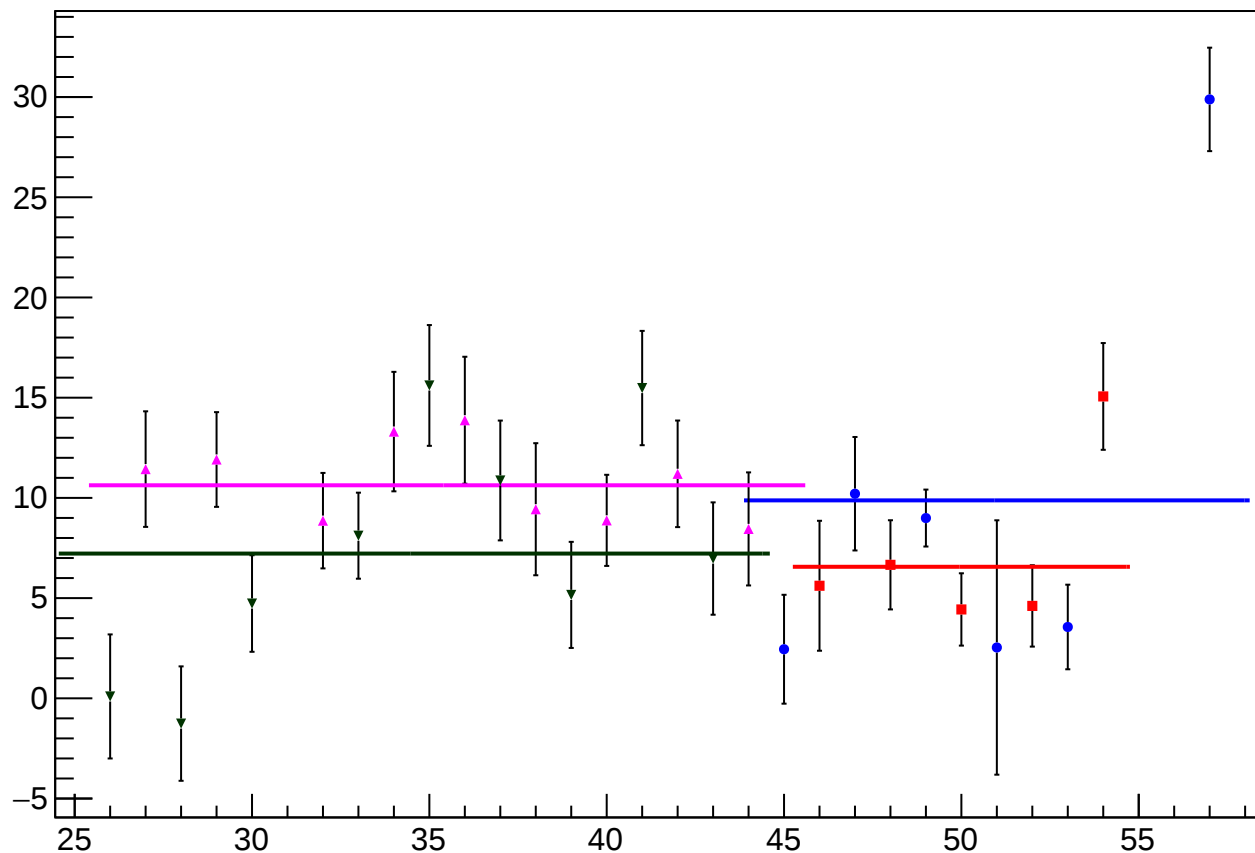
Right Out: -150.899 ± 5.423 $\chi^2/\text{NDF}: 509.3/4$

Left In: -106.838 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

-59.673 ± 3.479 $\chi^2/\text{NDF}: 814.1/14$

-123.992 ± 3.384 $\chi^2/\text{NDF}: 942.9/13$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 9.876 ± 0.930 χ^2/NDF : 78.3/5

Left Out: 7.222 ± 0.901 χ^2/NDF : 33.6/8

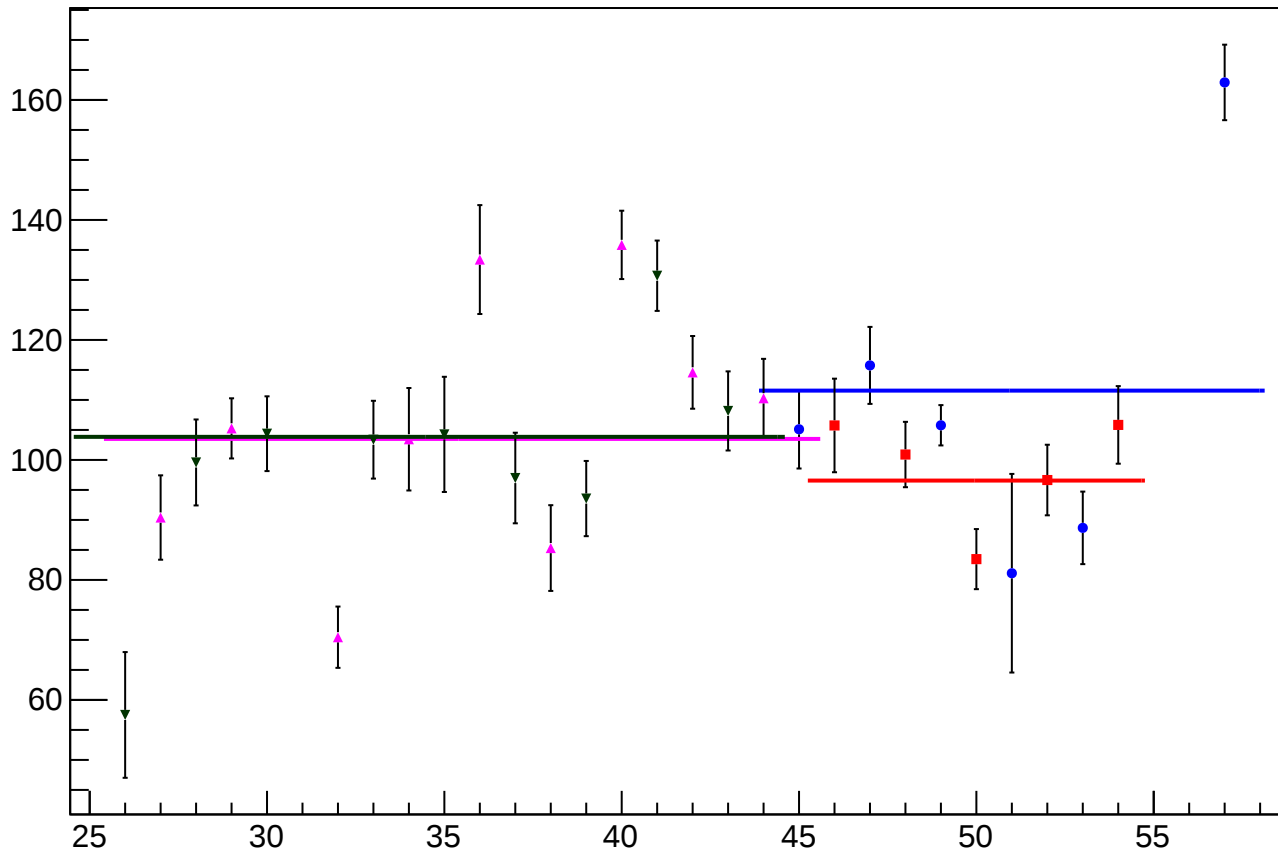
Right Out: 6.563 ± 1.006 χ^2/NDF : 12.6/4

Left In: 10.629 ± 0.898 χ^2/NDF : 4.1/8

8.507 ± 0.647 χ^2/NDF : 116.1/14

8.827 ± 0.670 χ^2/NDF : 25.8/13

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 111.554 ± 2.279 $\chi^2/\text{NDF}: 88.7/5$

Left Out: 103.848 ± 2.331 $\chi^2/\text{NDF}: 44.9/8$

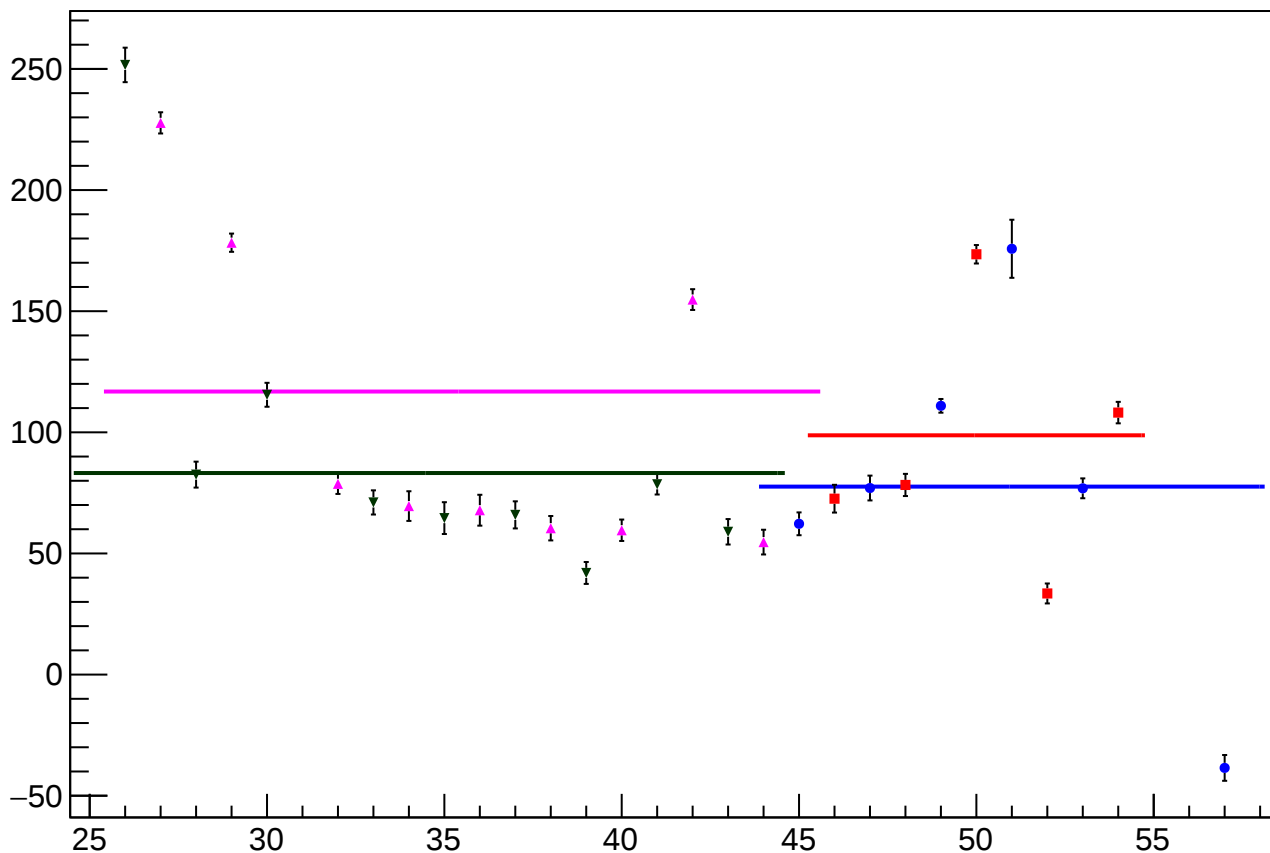
Right Out: 96.562 ± 2.646 $\chi^2/\text{NDF}: 10.9/4$

Left In: 103.503 ± 2.108 $\chi^2/\text{NDF}: 99.4/8$

107.787 ± 1.630 $\chi^2/\text{NDF}: 139.2/14$

100.808 ± 1.649 $\chi^2/\text{NDF}: 114.6/13$

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 77.591+/-1.796 χ^2/NDF : 692.8/5

Left Out: 83.201+/-1.736 χ^2/NDF : 731.5/8

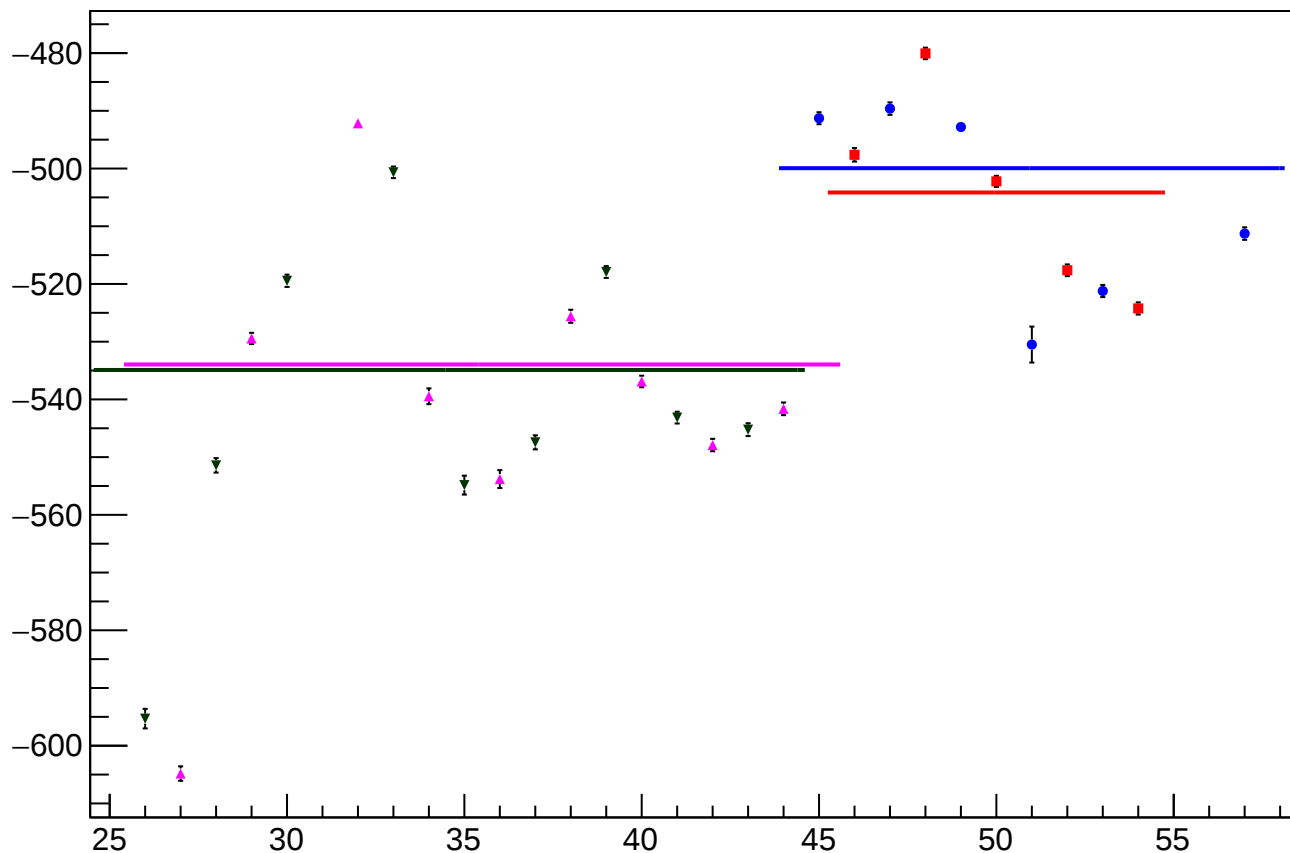
Right Out: 98.769+/-1.972 χ^2/NDF : 681.8/4

Left In: 116.837+/-1.553 χ^2/NDF : 1630.8/8

80.491+/-1.248 χ^2/NDF : 1429.3/14

109.924+/-1.220 χ^2/NDF : 2364.4/13

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -499.940 $\pm$ 0.418 χ^2 /NDF: 877.0/5

Left Out: -534.901 $\pm$ 0.389 χ^2 /NDF: 3490.3/8

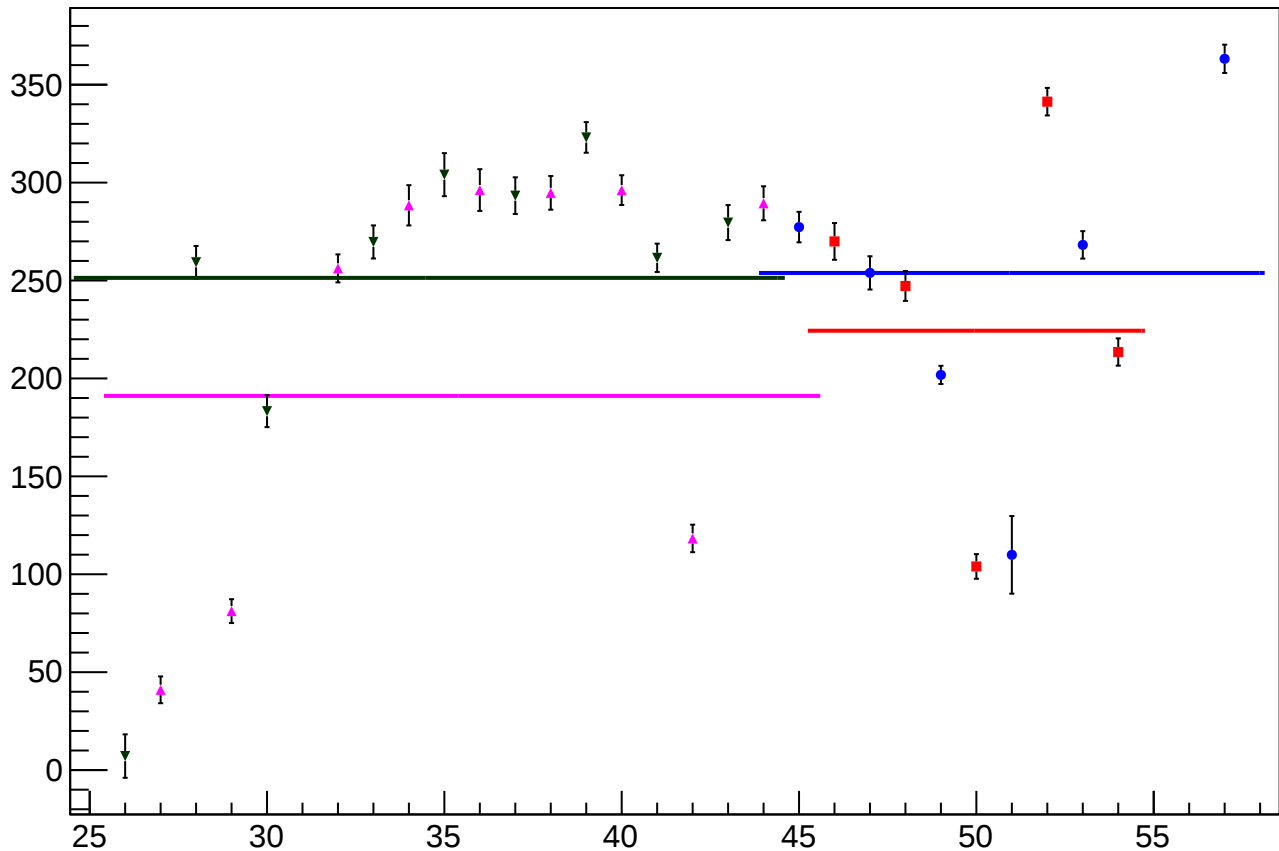
Right Out: -504.149 $\pm$ 0.463 χ^2 /NDF: 1154.4/4

Left In: -533.950 $\pm$ 0.361 χ^2 /NDF: 6442.7/8

-518.682 $\pm$ 0.285 χ^2 /NDF: 8114.8/14

-522.674 $\pm$ 0.285 χ^2 /NDF: 10175.5/13

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 253.864 ± 2.904 χ^2/NDF : 420.5/5

Left Out: 251.350 ± 2.897 χ^2/NDF : 698.7/8

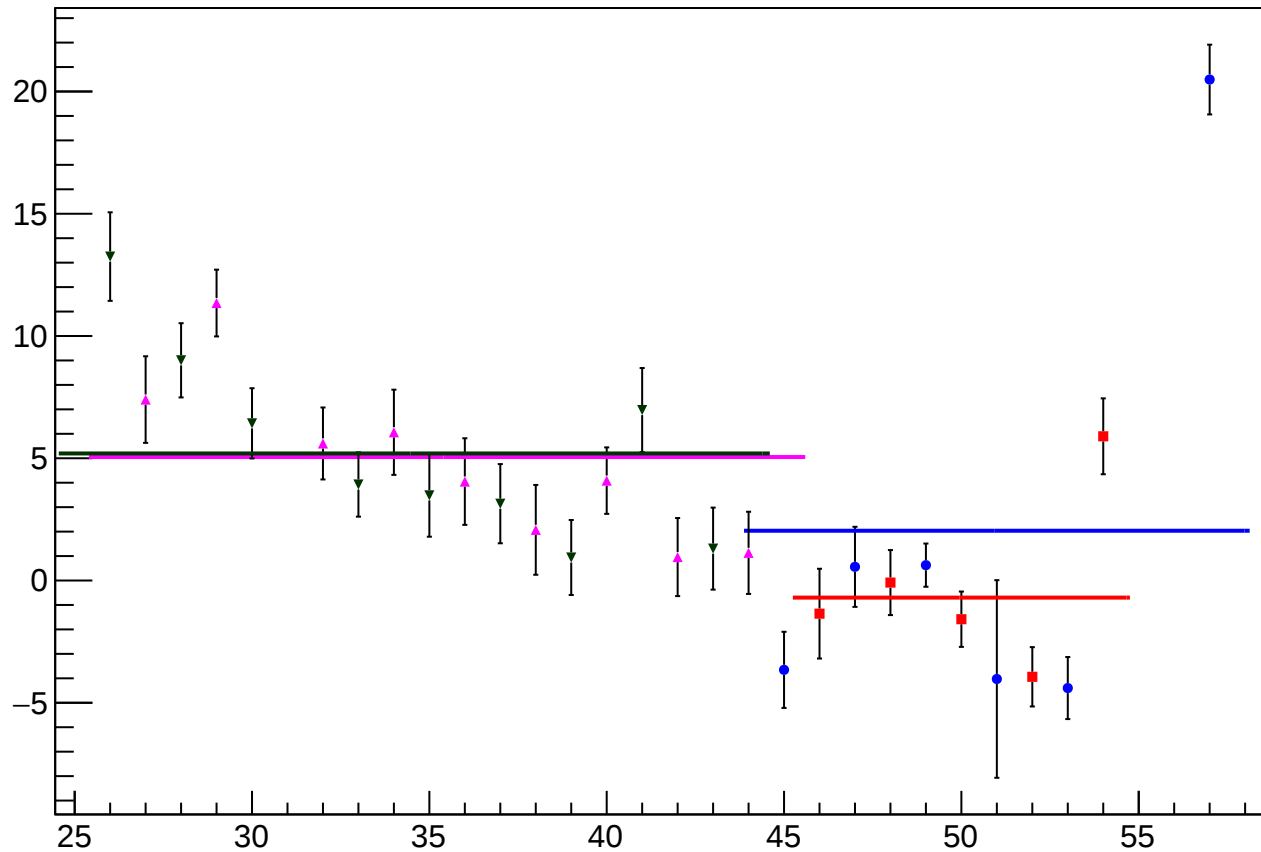
Right Out: 224.368 ± 3.250 χ^2/NDF : 678.2/4

Left In: 191.089 ± 2.577 χ^2/NDF : 1650.2/8

252.604 ± 2.051 χ^2/NDF : 1119.6/14

203.936 ± 2.019 χ^2/NDF : 2392.7/13

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 2.036 $\pm$ 0.556 χ^2 /NDF: 212.0/5

Left Out: 5.196 $\pm$ 0.523 χ^2 /NDF: 44.5/8

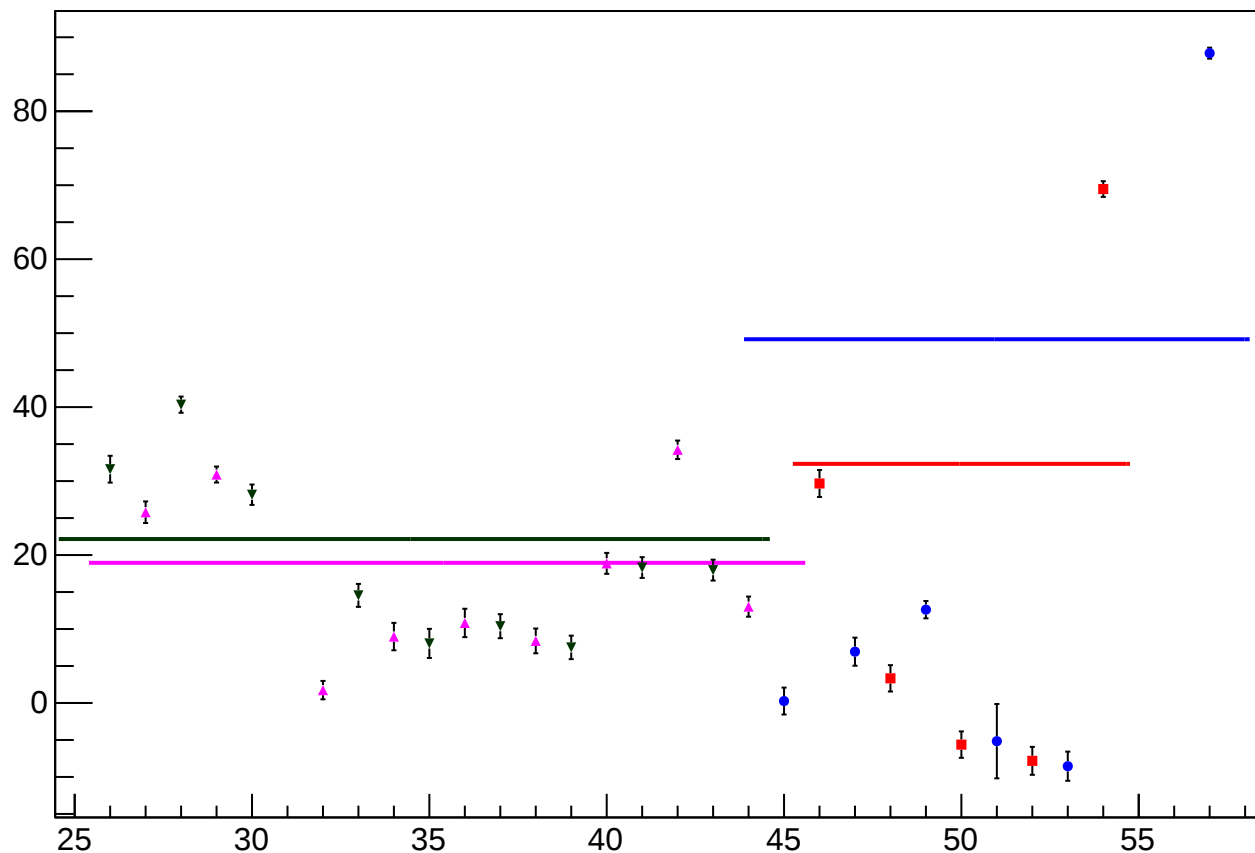
Right Out: -0.699 $\pm$ 0.604 χ^2 /NDF: 26.1/4

Left In: 5.051 $\pm$ 0.531 χ^2 /NDF: 39.0/8

3.710 $\pm$ 0.381 χ^2 /NDF: 273.7/14

2.547 $\pm$ 0.399 χ^2 /NDF: 116.2/13

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 49.173 $\pm$ 0.541 χ^2 /NDF: 5876.2/5

Left Out: 22.164 $\pm$ 0.492 χ^2 /NDF:550.6/8

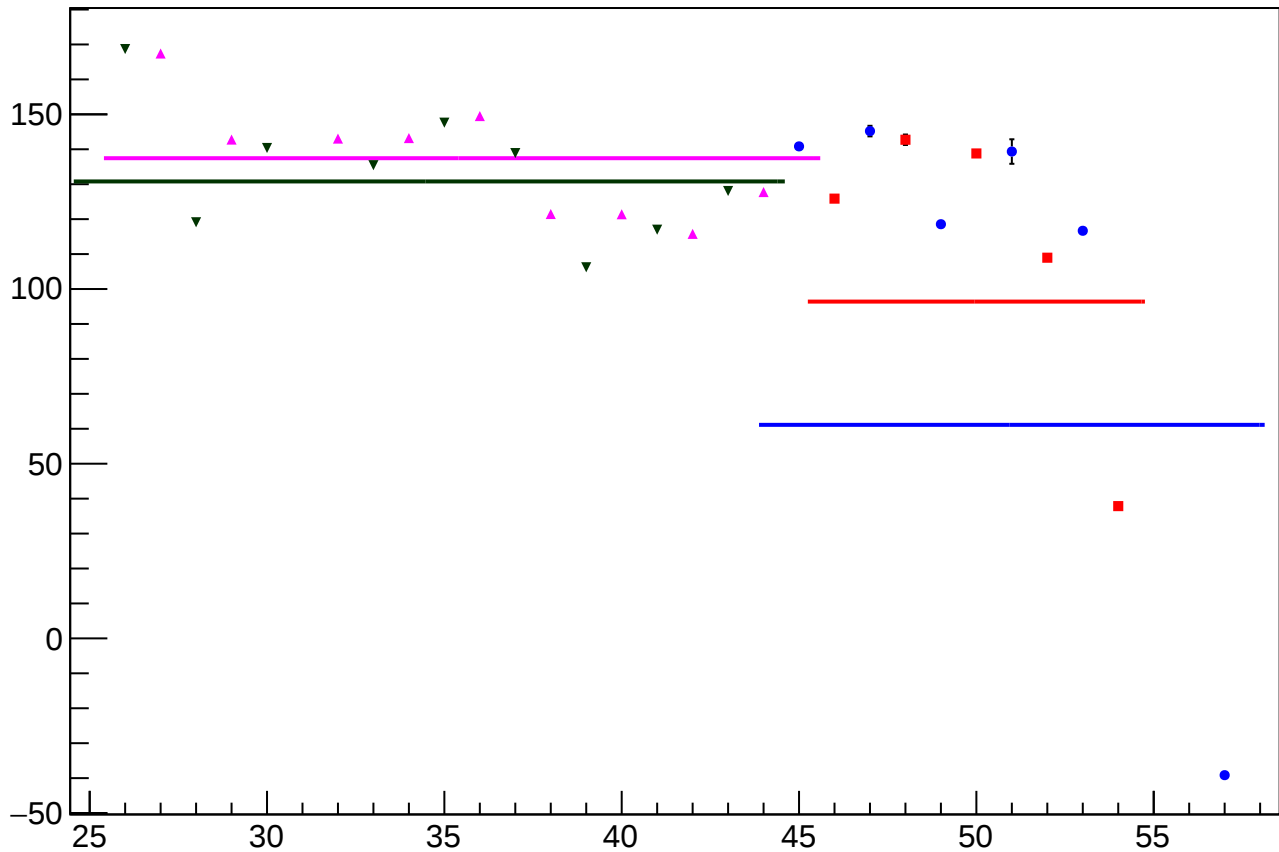
Right Out: 32.330 $\pm$ 0.690 χ^2 /NDF: 2397.8/4

Left In: 18.948 $\pm$ 0.468 χ^2 /NDF:590.1/8

34.403 $\pm$ 0.364 χ^2 /NDF: 7790.2/14

23.158 $\pm$ 0.387 χ^2 /NDF: 3245.4/13

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 61.121 ± 0.479 χ^2/NDF : 29766.8/5

Left Out: 130.793 ± 0.372 χ^2/NDF : 2039.0/8

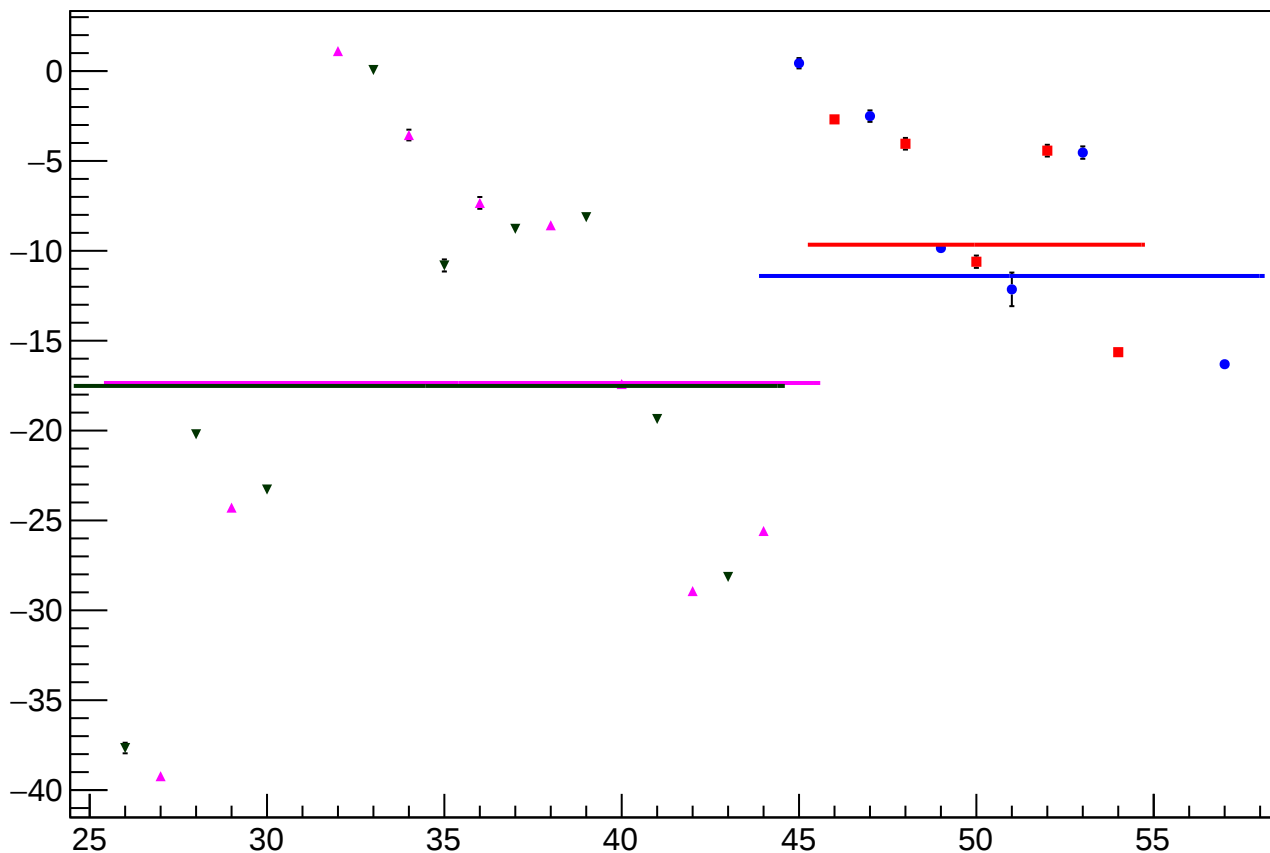
Right Out: 96.401 ± 0.564 χ^2/NDF : 6242.2/4

Left In: 137.444 ± 0.345 χ^2/NDF : 2221.9/8

104.588 ± 0.293 χ^2/NDF : 45030.1/14

126.238 ± 0.295 χ^2/NDF : 12318.1/13

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -11.399 ± 0.094 $\chi^2/\text{NDF}: 4448.6/5$

Left Out: -17.516 ± 0.083 $\chi^2/\text{NDF}: 15652.4/8$

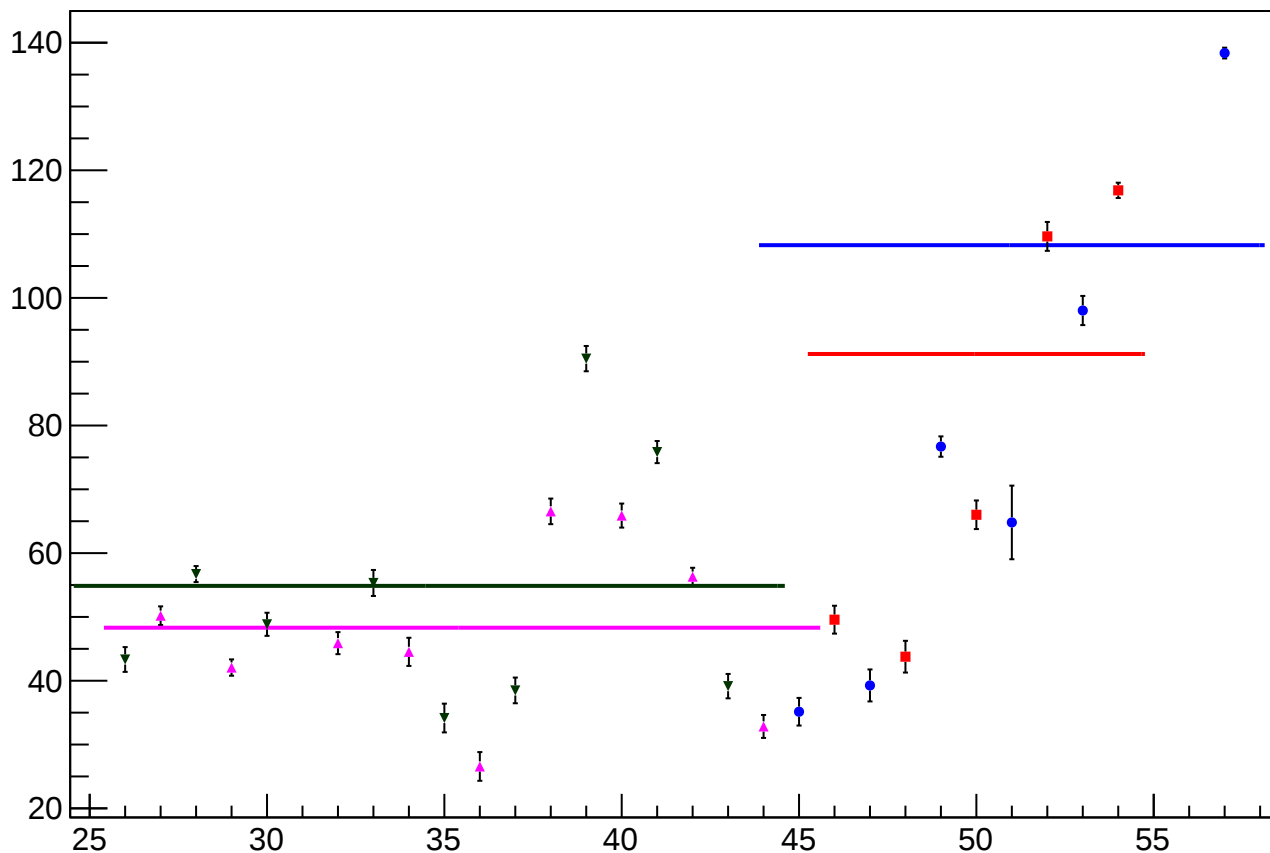
Right Out: -9.660 ± 0.118 $\chi^2/\text{NDF}: 2302.7/4$

Left In: -17.353 ± 0.080 $\chi^2/\text{NDF}: 25925.9/8$

-14.838 ± 0.062 $\chi^2/\text{NDF}: 22486.3/14$

-14.931 ± 0.066 $\chi^2/\text{NDF}: 31122.7/13$

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 108.265 $\pm$ 0.647 χ^2 /NDF: 3636.6/5

Left Out: 54.868 $\pm$ 0.603 χ^2 /NDF: 735.8/8

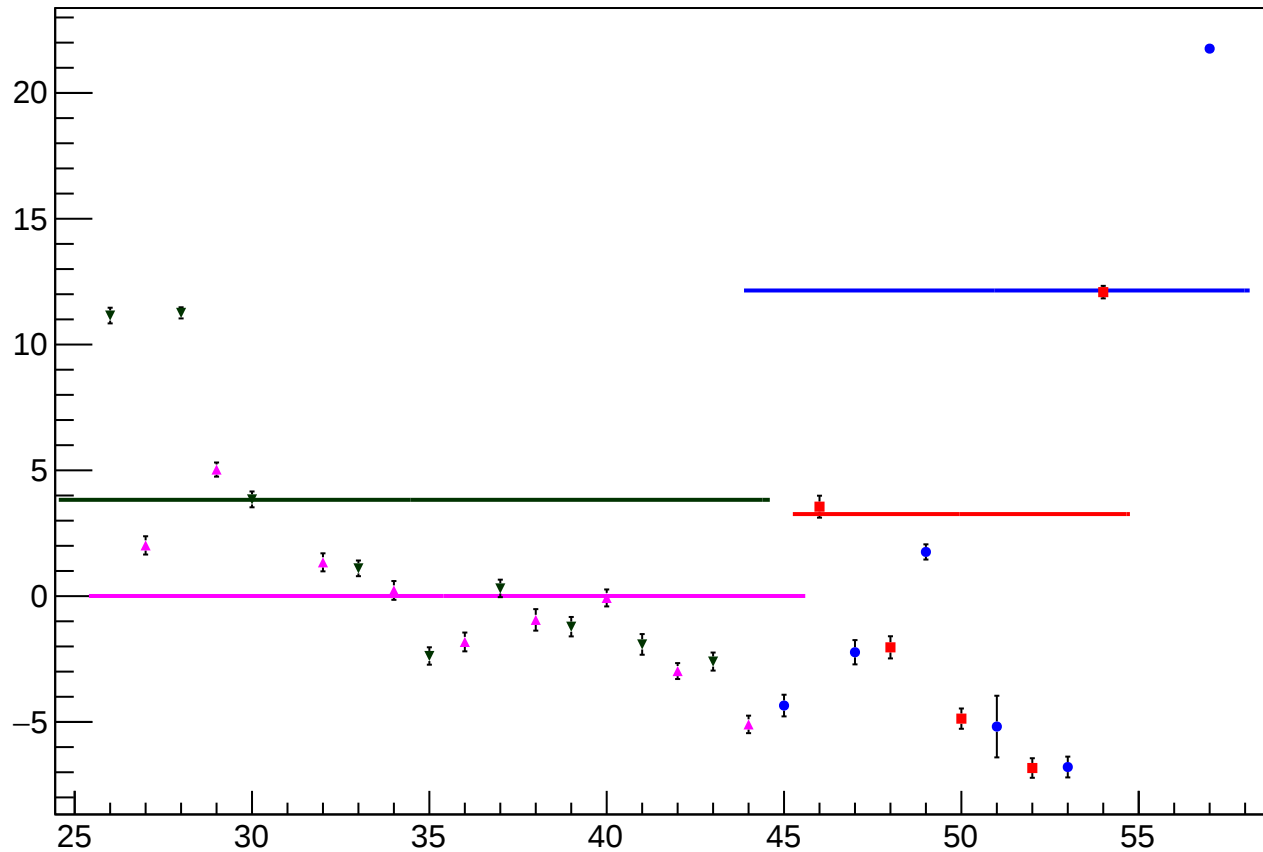
Right Out: 91.212 $\pm$ 0.828 χ^2 /NDF: 1376.7/4

Left In: 48.311 $\pm$ 0.562 χ^2 /NDF: 400.4/8

79.696 $\pm$ 0.441 χ^2 /NDF: 8017.0/14

61.835 $\pm$ 0.465 χ^2 /NDF: 3617.0/13

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 12.149 $\pm$ 0.122 χ^2 /NDF: 9559.1/5

Left Out: 3.828 $\pm$ 0.107 χ^2 /NDF: 2866.4/8

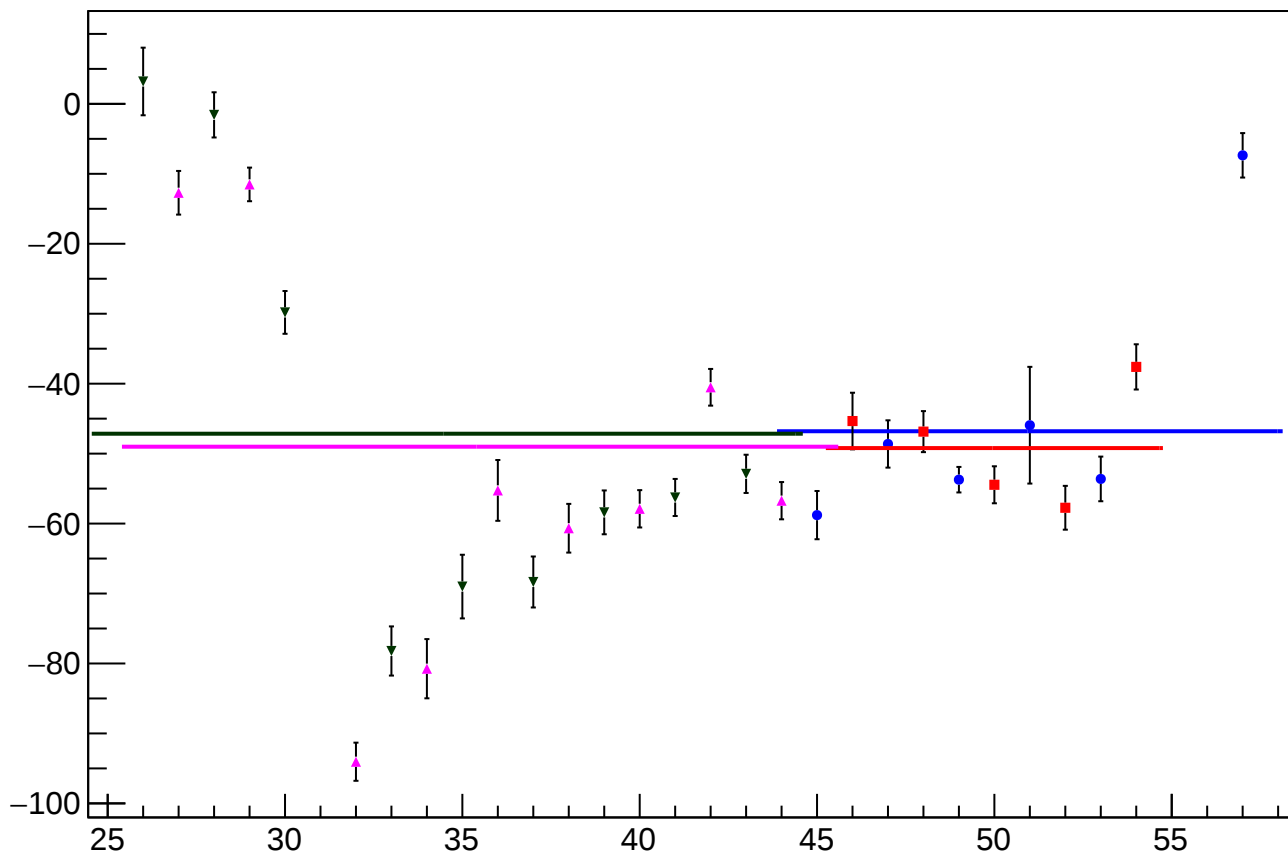
Right Out: 3.262 $\pm$ 0.159 χ^2 /NDF: 2483.2/4

Left In: 0.006 $\pm$ 0.116 χ^2 /NDF: 698.4/8

7.435 $\pm$ 0.080 χ^2 /NDF: 15069.4/14

1.127 $\pm$ 0.094 χ^2 /NDF: 3455.1/13

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -46.800 ± 1.209 χ^2/NDF : 185.5/5

Left Out: -47.154 ± 1.099 χ^2/NDF : 504.0/8

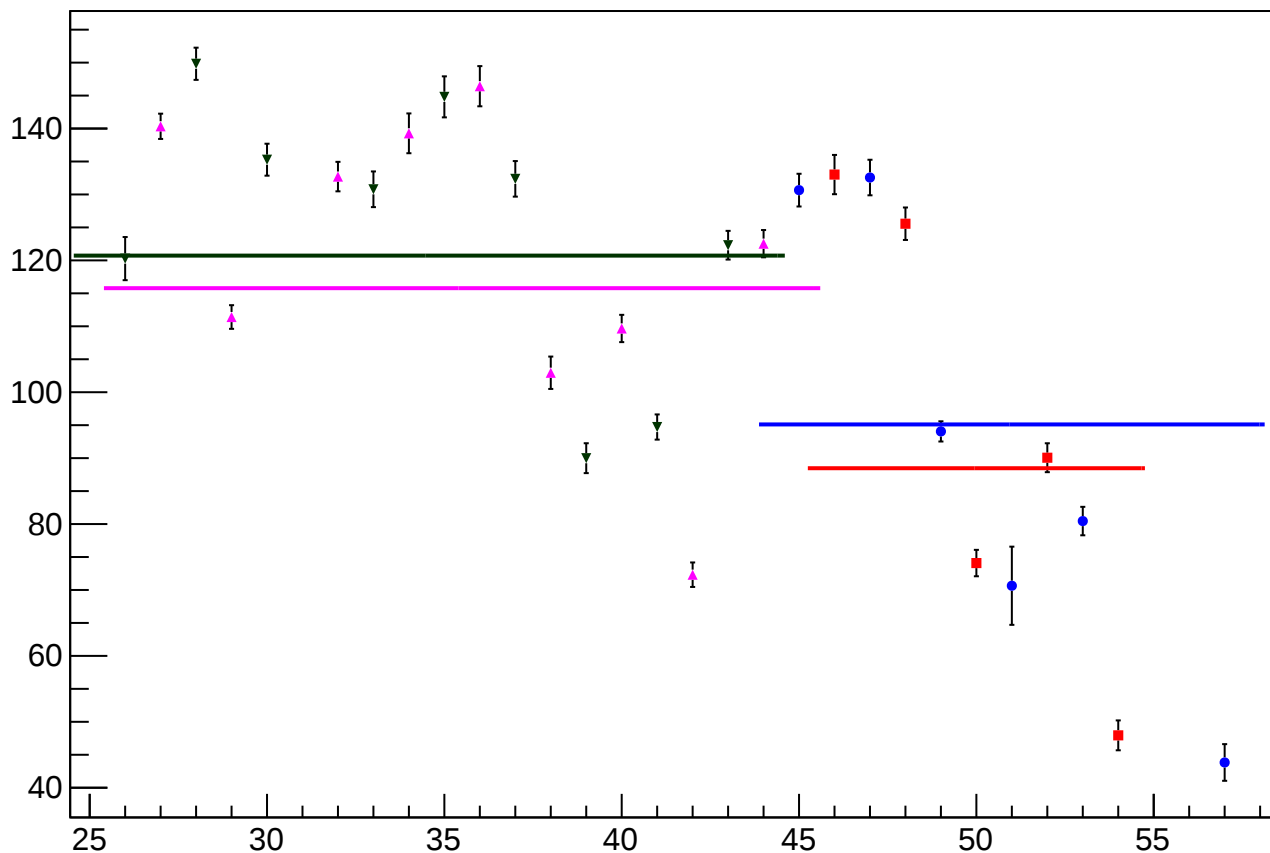
Right Out: -49.207 ± 1.390 χ^2/NDF : 25.8/4

Left In: -49.010 ± 0.986 χ^2/NDF : 751.0/8

-46.994 ± 0.813 χ^2/NDF : 689.5/14

-49.076 ± 0.804 χ^2/NDF : 776.9/13

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 95.113+/-0.954 χ^2/NDF : 801.5/5

Left Out: 120.724+/-0.820 χ^2/NDF : 639.8/8

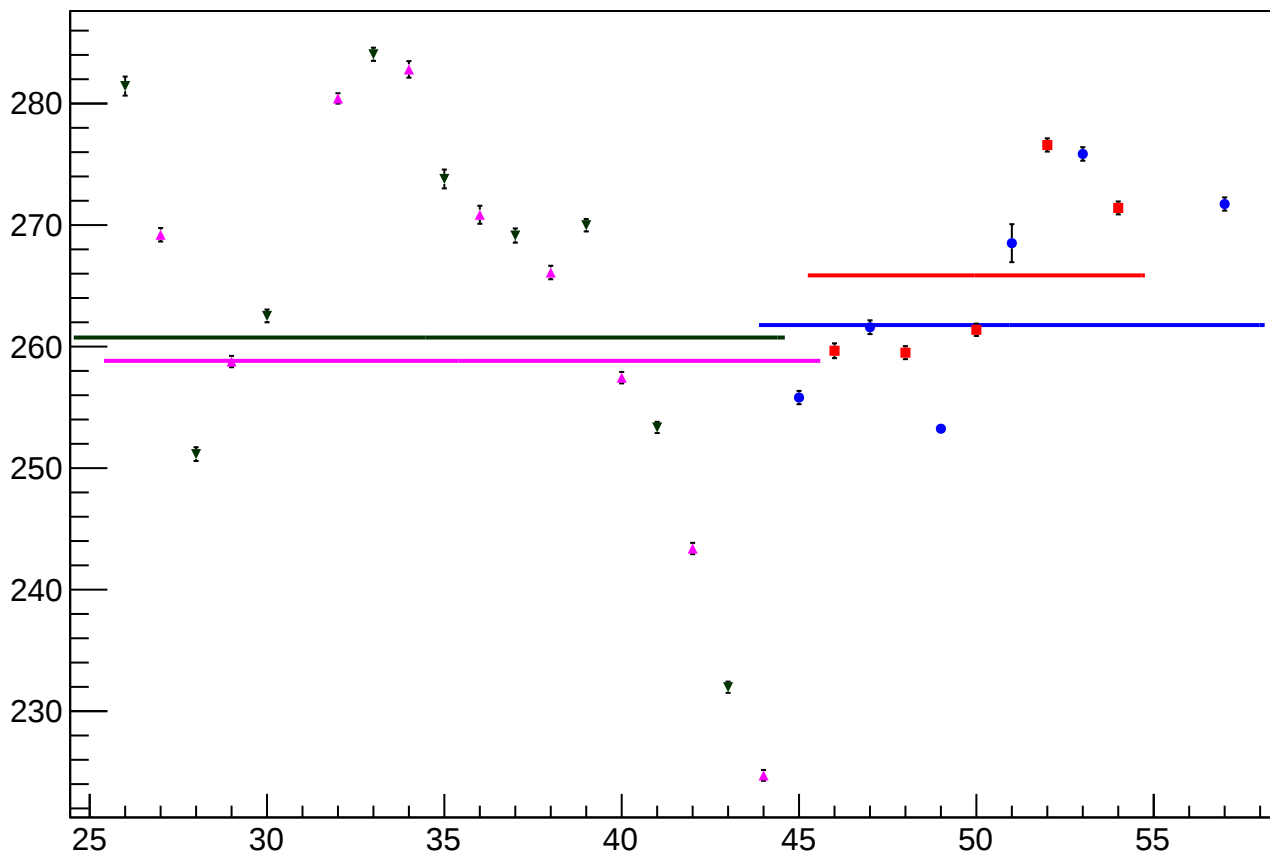
Right Out: 88.469+/-1.038 χ^2/NDF : 822.0/4

Left In: 115.784+/-0.721 χ^2/NDF : 983.2/8

109.846+/-0.622 χ^2/NDF : 1855.8/14

106.884+/-0.592 χ^2/NDF : 2272.4/13

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 261.772±0.221 χ^2/NDF : 1625.9/5

Left Out: 260.747±0.184 χ^2/NDF : 7794.0/8

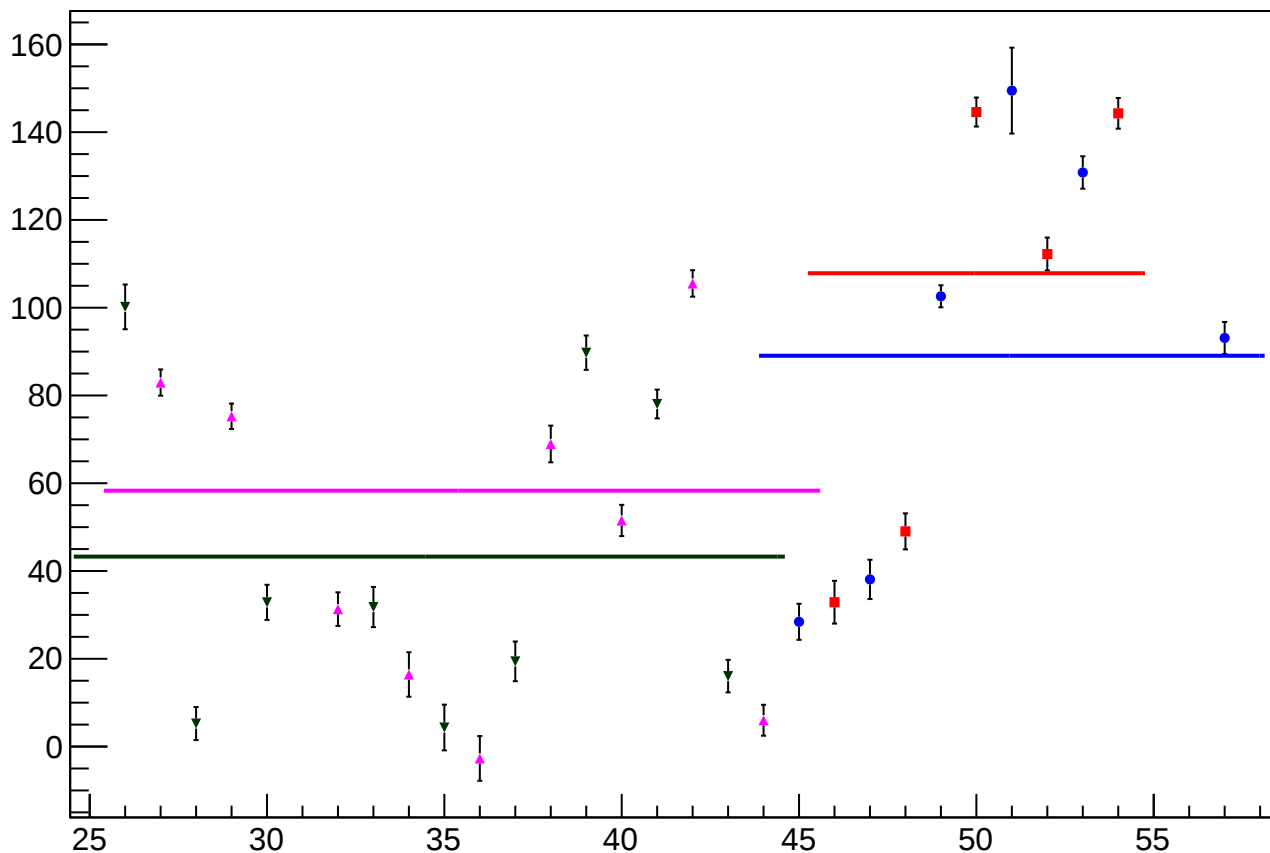
Right Out: 265.860±0.243 χ^2/NDF : 821.9/4

Left In: 258.828±0.170 χ^2/NDF : 11545.2/8

261.168±0.141 χ^2/NDF : 9432.6/14

261.140±0.139 χ^2/NDF : 12930.1/13

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: 89.052+/-1.531 χ^2/NDF : 544.1/5

Left Out: 43.284+/-1.366 χ^2/NDF : 631.4/8

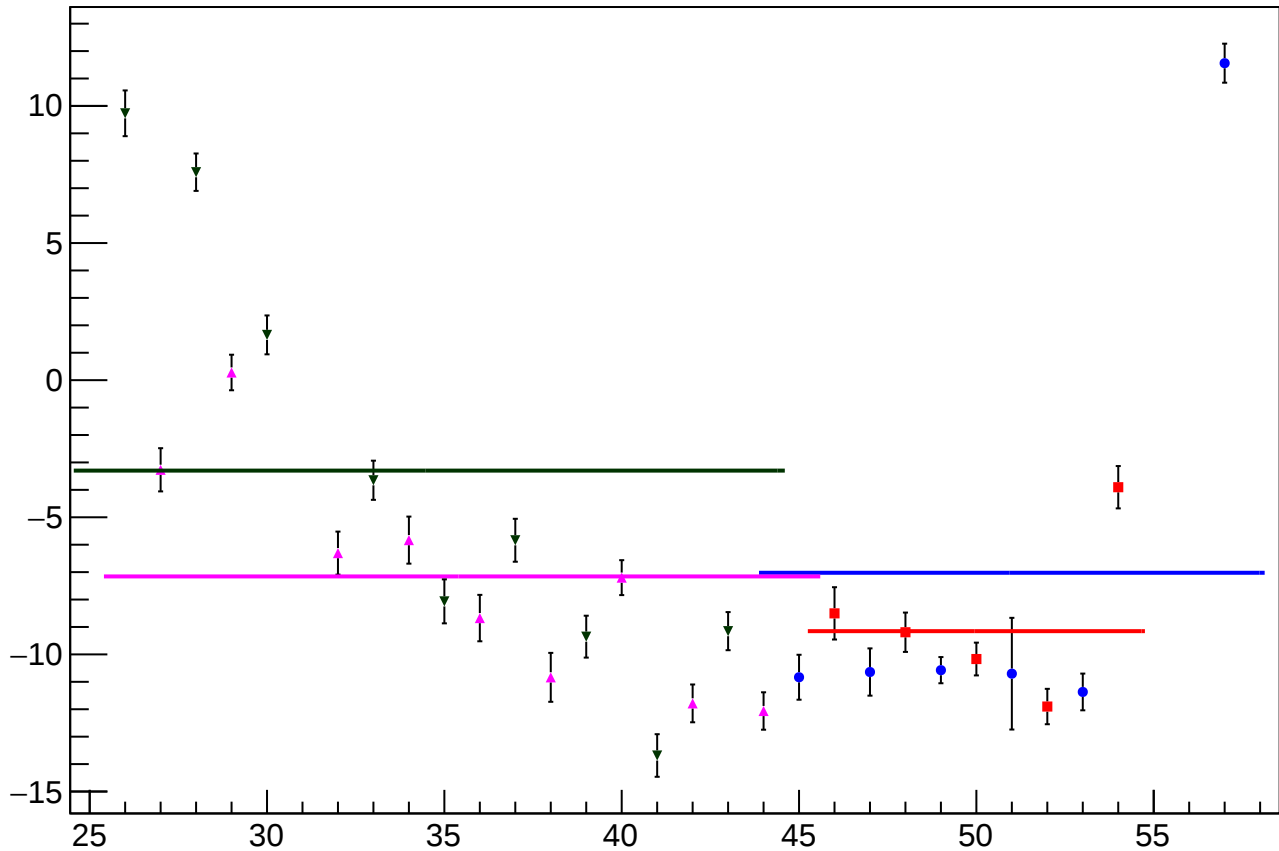
Right Out: 107.859+/-1.699 χ^2/NDF : 676.4/4

Left In: 58.307+/-1.192 χ^2/NDF : 839.3/8

63.568+/-1.019 χ^2/NDF : 1673.3/14

74.651+/-0.976 χ^2/NDF : 2085.5/13

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -7.023 ± 0.293 χ^2/NDF : 822.1/5

Left Out: -3.298 ± 0.249 χ^2/NDF : 906.1/8

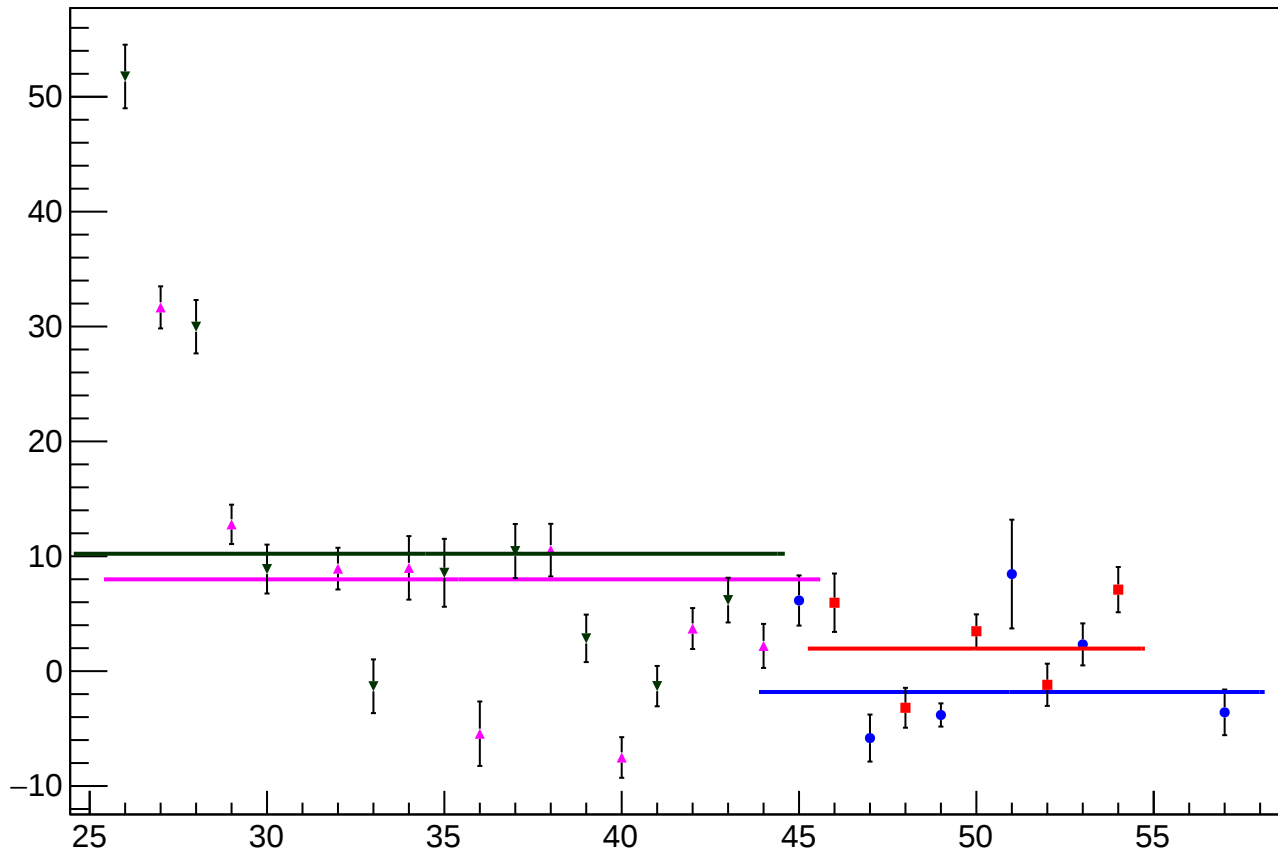
Right Out: -9.153 ± 0.317 χ^2/NDF : 67.7/4

Left In: -7.157 ± 0.247 χ^2/NDF : 276.7/8

-4.860 ± 0.190 χ^2/NDF : 1822.2/14

-7.911 ± 0.195 χ^2/NDF : 369.0/13

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: -1.815 ± 0.703 χ^2/NDF : 31.7/5

Left Out: 10.220 ± 0.738 χ^2/NDF : 382.7/8

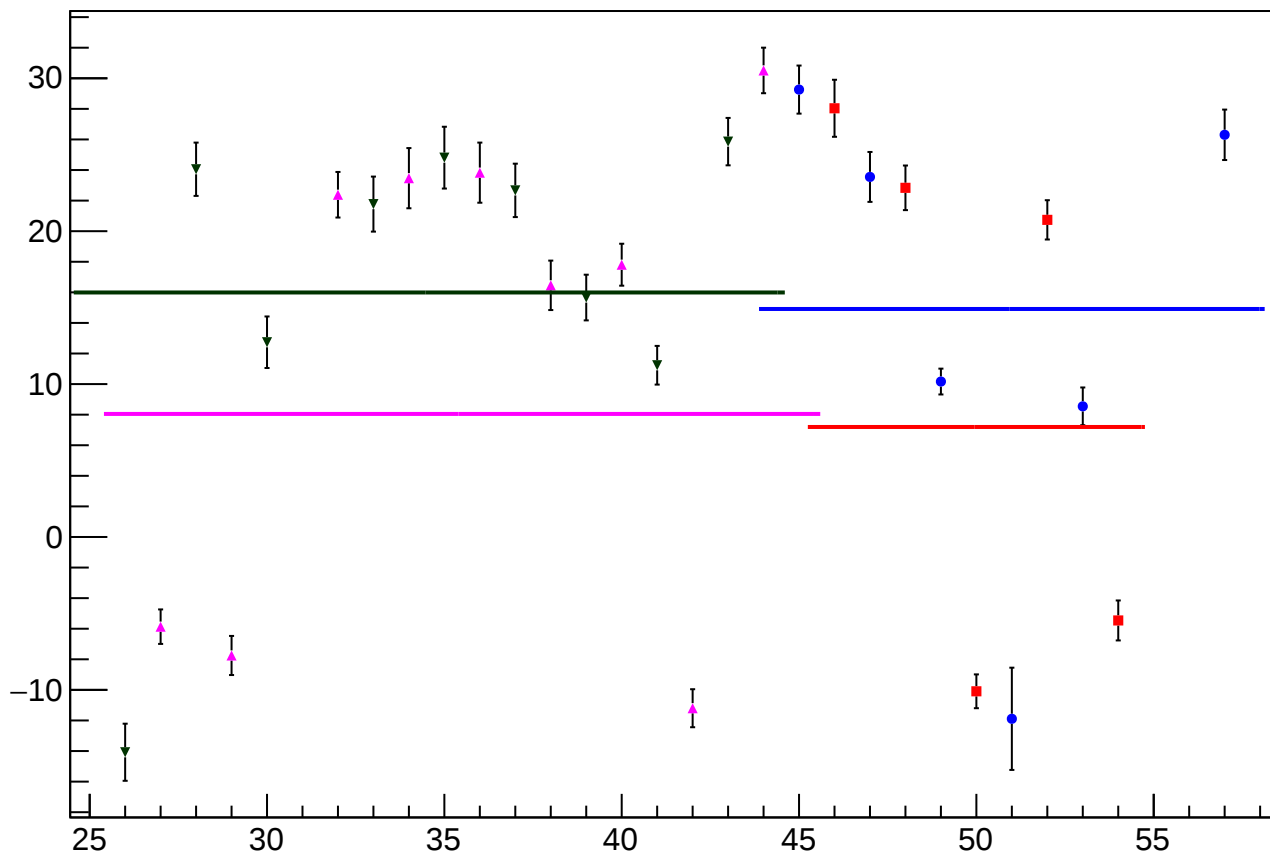
Right Out: 1.964 ± 0.815 χ^2/NDF : 22.1/4

Left In: 7.990 ± 0.660 χ^2/NDF : 291.3/8

3.910 ± 0.509 χ^2/NDF : 553.9/14

5.605 ± 0.513 χ^2/NDF : 346.4/13

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 14.912 $\pm$ 0.551 χ^2 /NDF: 281.5/5

Left Out: 15.992 $\pm$ 0.547 χ^2 /NDF:383.0/8

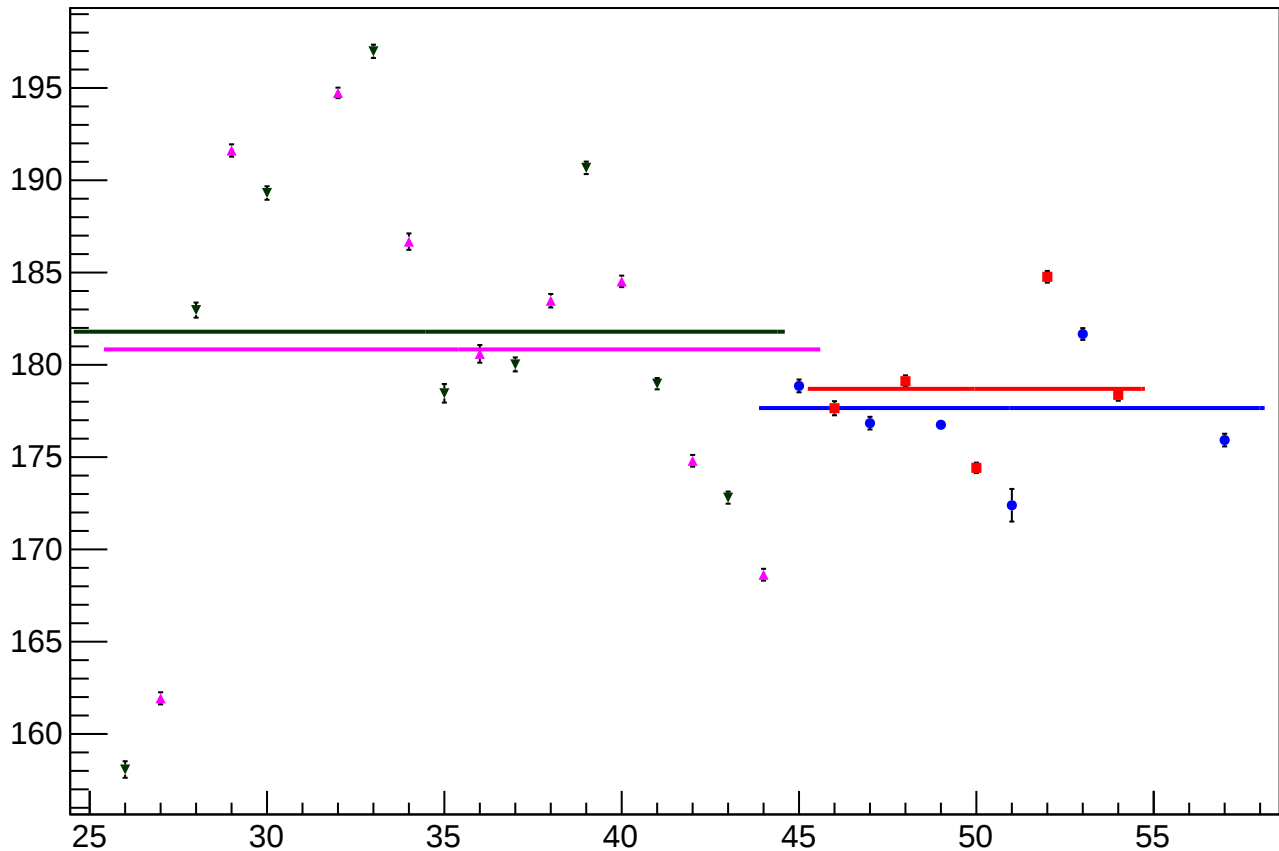
Right Out: 7.195 $\pm$ 0.601 χ^2 /NDF: 689.2/4

Left In: 8.048 $\pm$ 0.478 χ^2 /NDF:1067.9/8

15.455 $\pm$ 0.388 χ^2 /NDF: 666.5/14

7.717 $\pm$ 0.374 χ^2 /NDF: 1758.3/13

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 177.658 $\pm$ 0.130 χ^2 /NDF: 255.2/5

Left Out: 181.795 $\pm$ 0.123 χ^2 /NDF: 6577.2/8

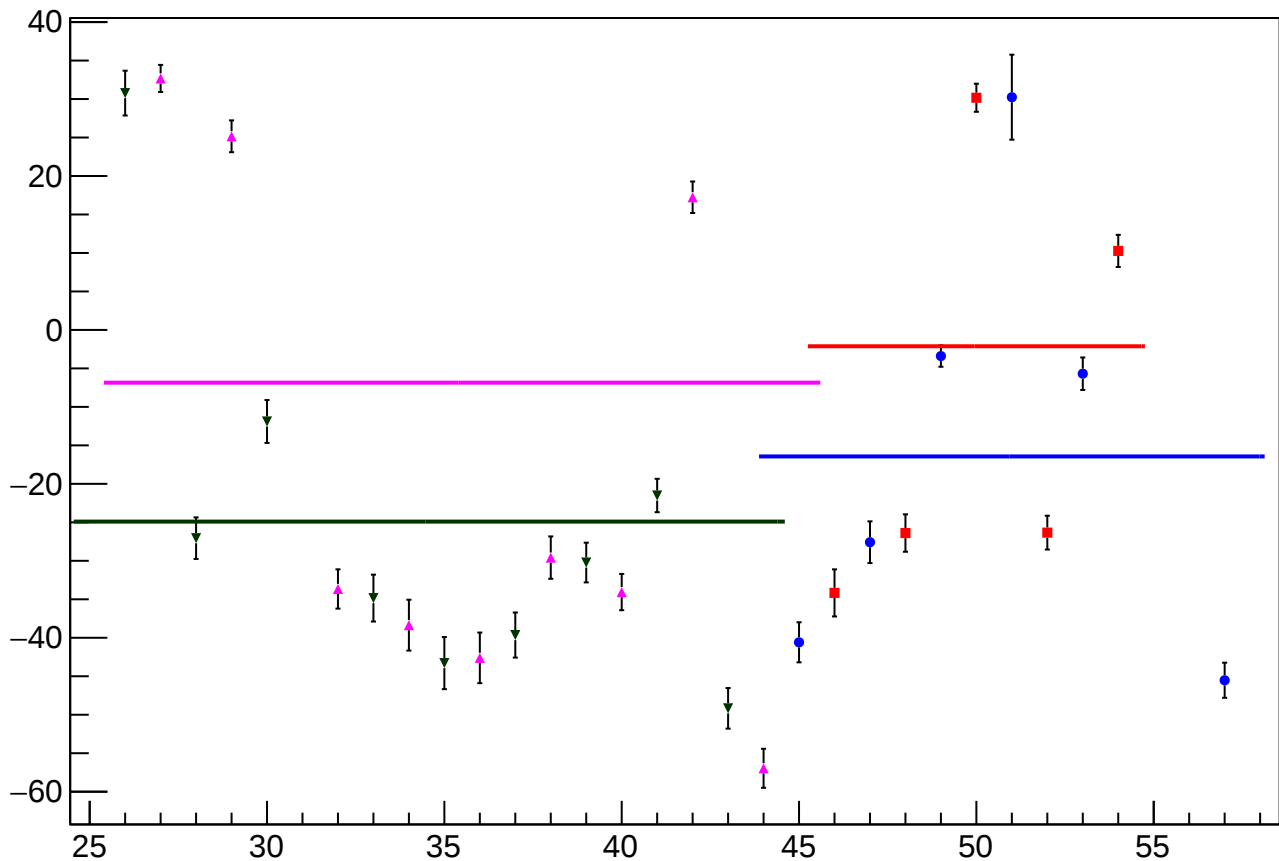
Right Out: 178.700 $\pm$ 0.143 χ^2 /NDF: 605.1/4

Left In: 180.835 $\pm$ 0.114 χ^2 /NDF: 8962.2/8

179.830 $\pm$ 0.089 χ^2 /NDF: 7365.9/14

180.011 $\pm$ 0.089 χ^2 /NDF: 9703.7/13

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -16.437 ± 0.895 $\chi^2/\text{NDF}: 450.8/5$

Left Out: -24.905 ± 0.912 $\chi^2/\text{NDF}: 545.2/8$

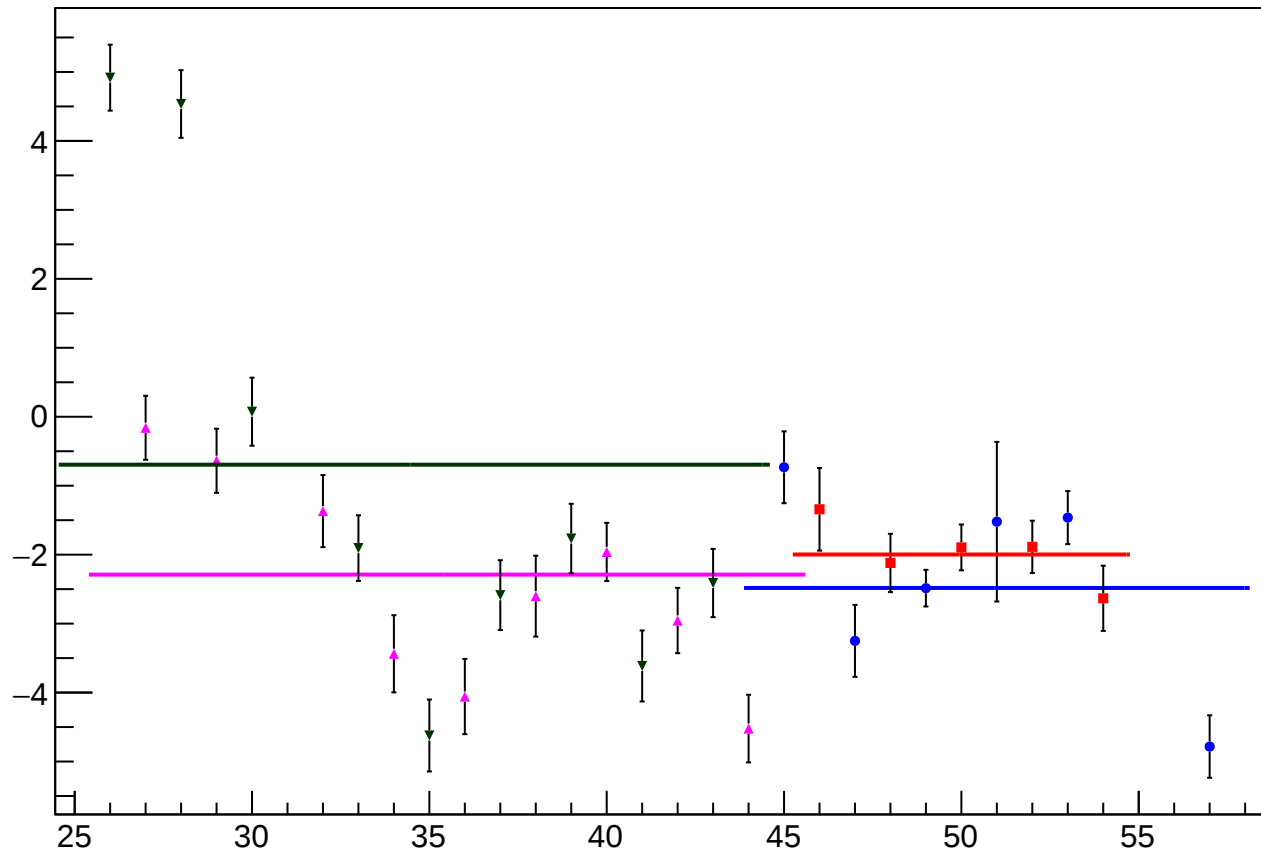
Right Out: -2.125 ± 0.994 $\chi^2/\text{NDF}: 679.4/4$

Left In: -6.851 ± 0.790 $\chi^2/\text{NDF}: 1794.2/8$

-20.588 ± 0.639 $\chi^2/\text{NDF}: 1039.9/14$

-5.019 ± 0.619 $\chi^2/\text{NDF}: 2487.5/13$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.483 ± 0.172 $\chi^2/\text{NDF}: 46.9/5$

Left Out: -0.695 ± 0.166 $\chi^2/\text{NDF}: 379.5/8$

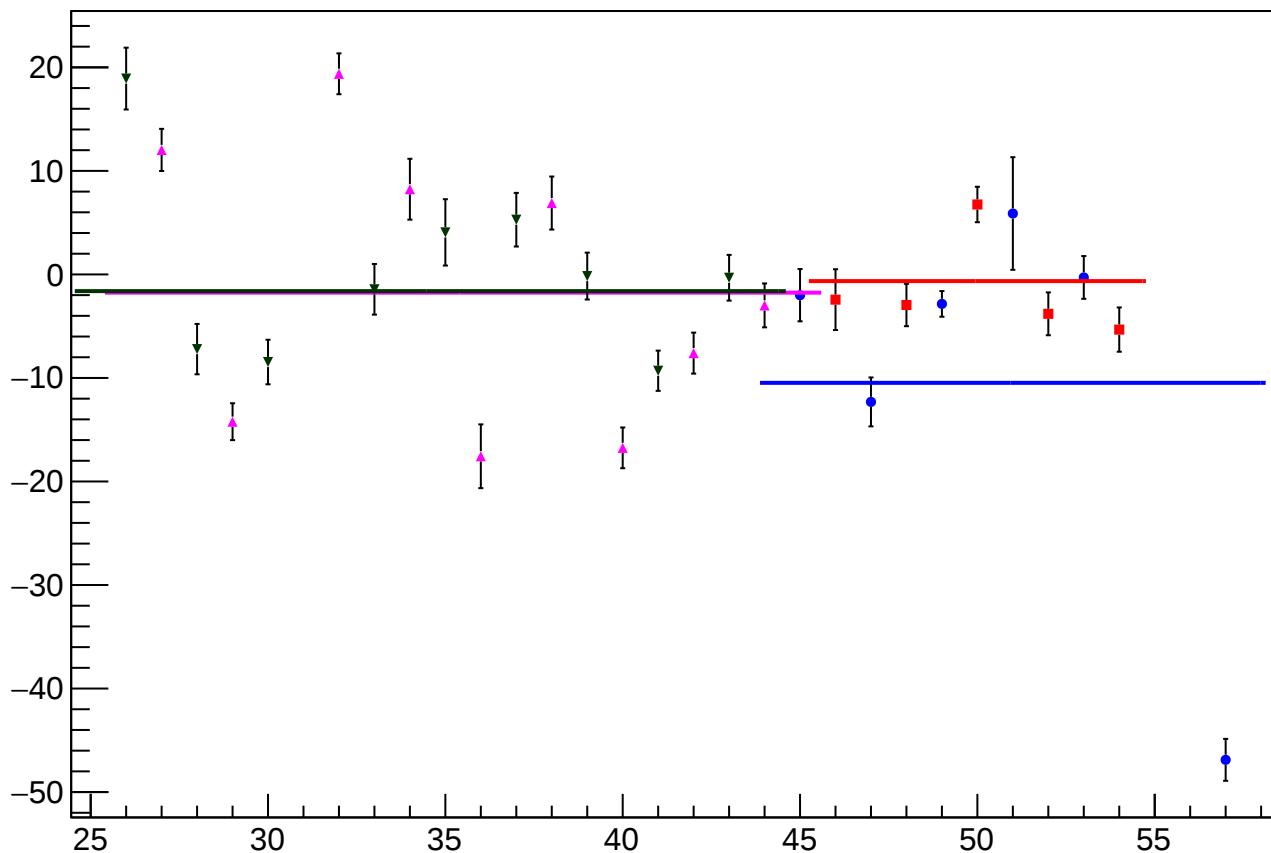
Right Out: -1.998 ± 0.186 $\chi^2/\text{NDF}: 3.3/4$

Left In: -2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

-1.557 ± 0.119 $\chi^2/\text{NDF}: 482.5/14$

-2.161 ± 0.124 $\chi^2/\text{NDF}: 79.7/13$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -10.471 ± 0.817 χ^2/NDF : 406.6/5

Left Out: -1.613 ± 0.797 χ^2/NDF : 89.4/8

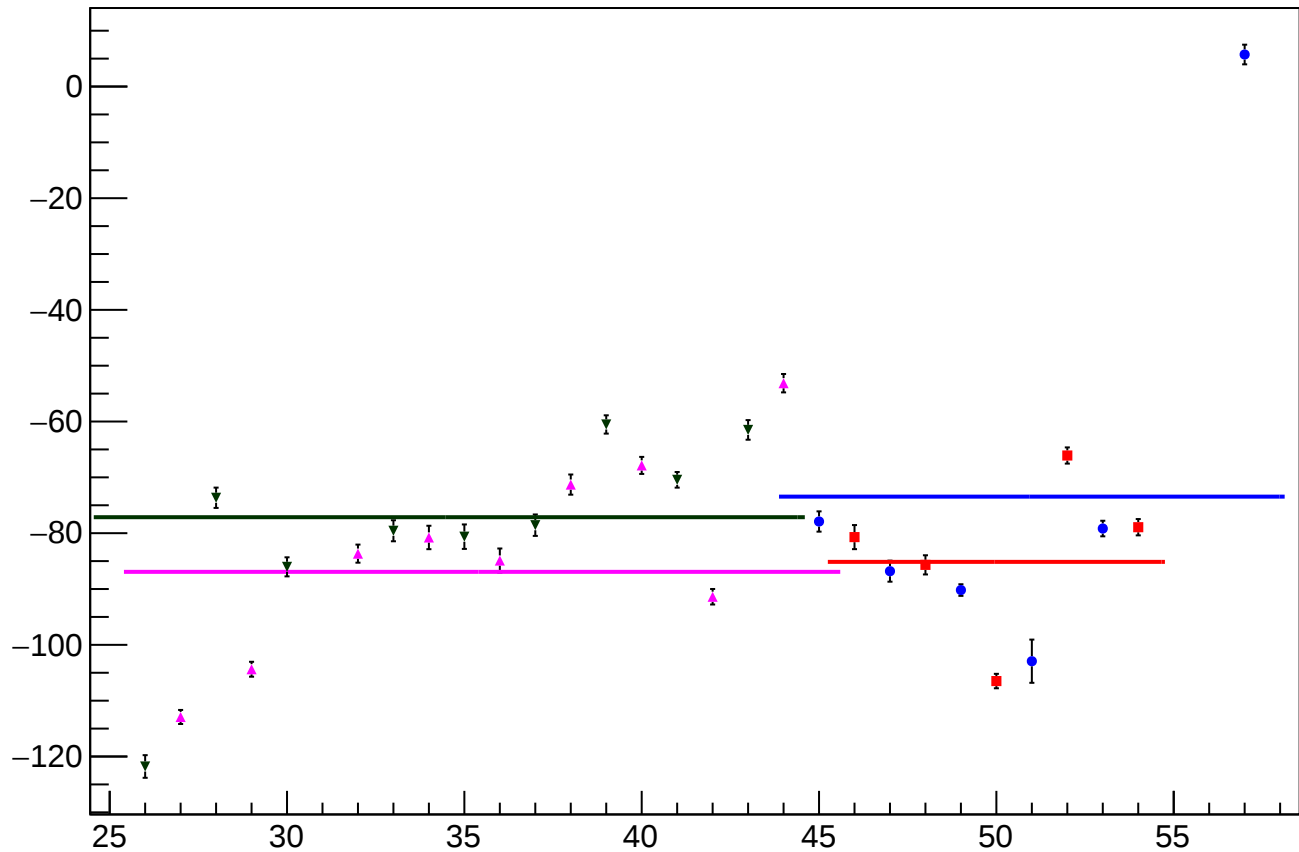
Right Out: -0.644 ± 0.934 χ^2/NDF : 27.4/4

Left In: -1.762 ± 0.721 χ^2/NDF : 326.0/8

-5.930 ± 0.570 χ^2/NDF : 556.3/14

-1.344 ± 0.571 χ^2/NDF : 354.3/13

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -73.452 $\pm$ 0.644 χ^2 /NDF: 2410.3/5

Left Out: -77.138 $\pm$ 0.592 χ^2 /NDF: 725.4/8

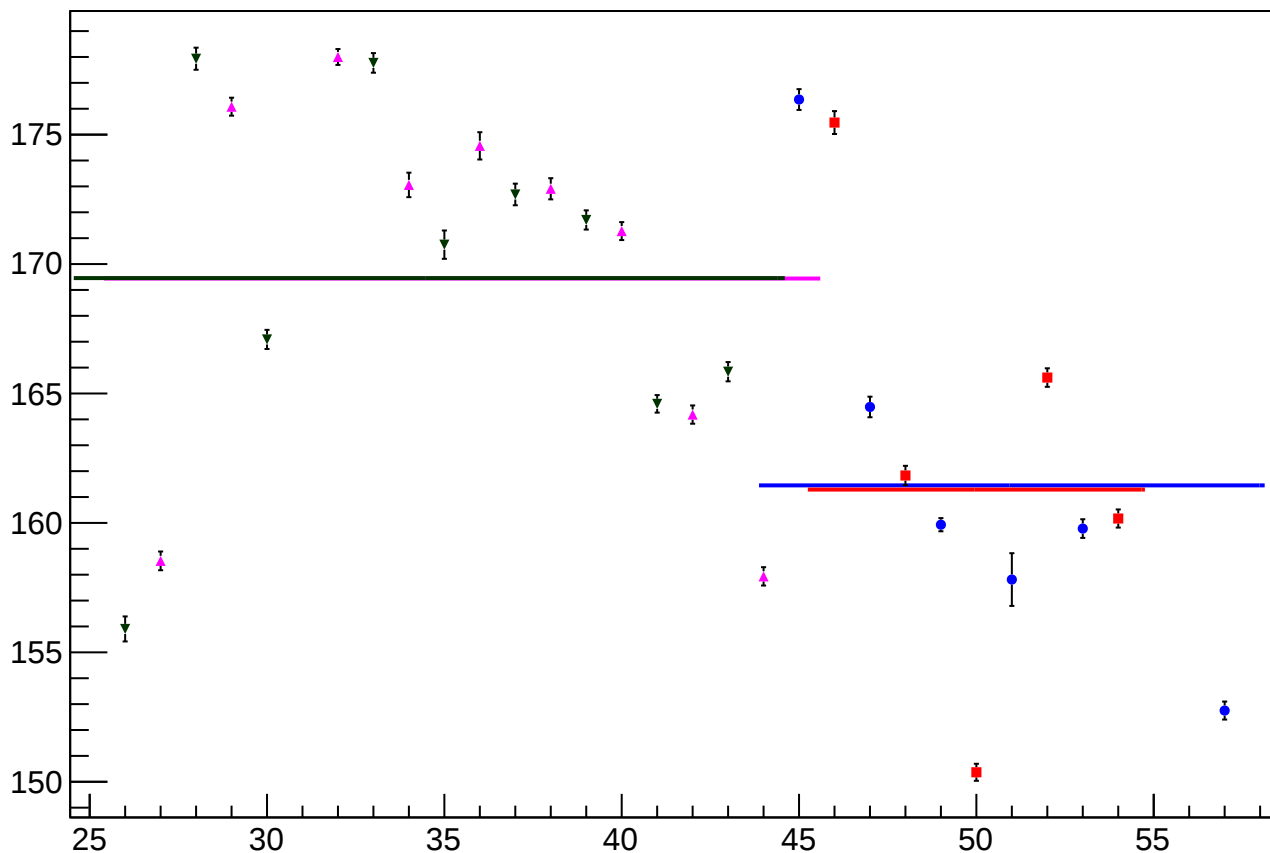
Right Out: -85.138 $\pm$ 0.691 χ^2 /NDF: 467.5/4

Left In: -86.925 $\pm$ 0.524 χ^2 /NDF: 1273.0/8

-75.450 $\pm$ 0.436 χ^2 /NDF: 3153.4/14

-86.272 $\pm$ 0.418 χ^2 /NDF: 1744.7/13

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 161.450 $\pm$ 0.149 χ^2 /NDF: 2130.7/5

Left Out: 169.458 $\pm$ 0.133 χ^2 /NDF: 2105.9/8

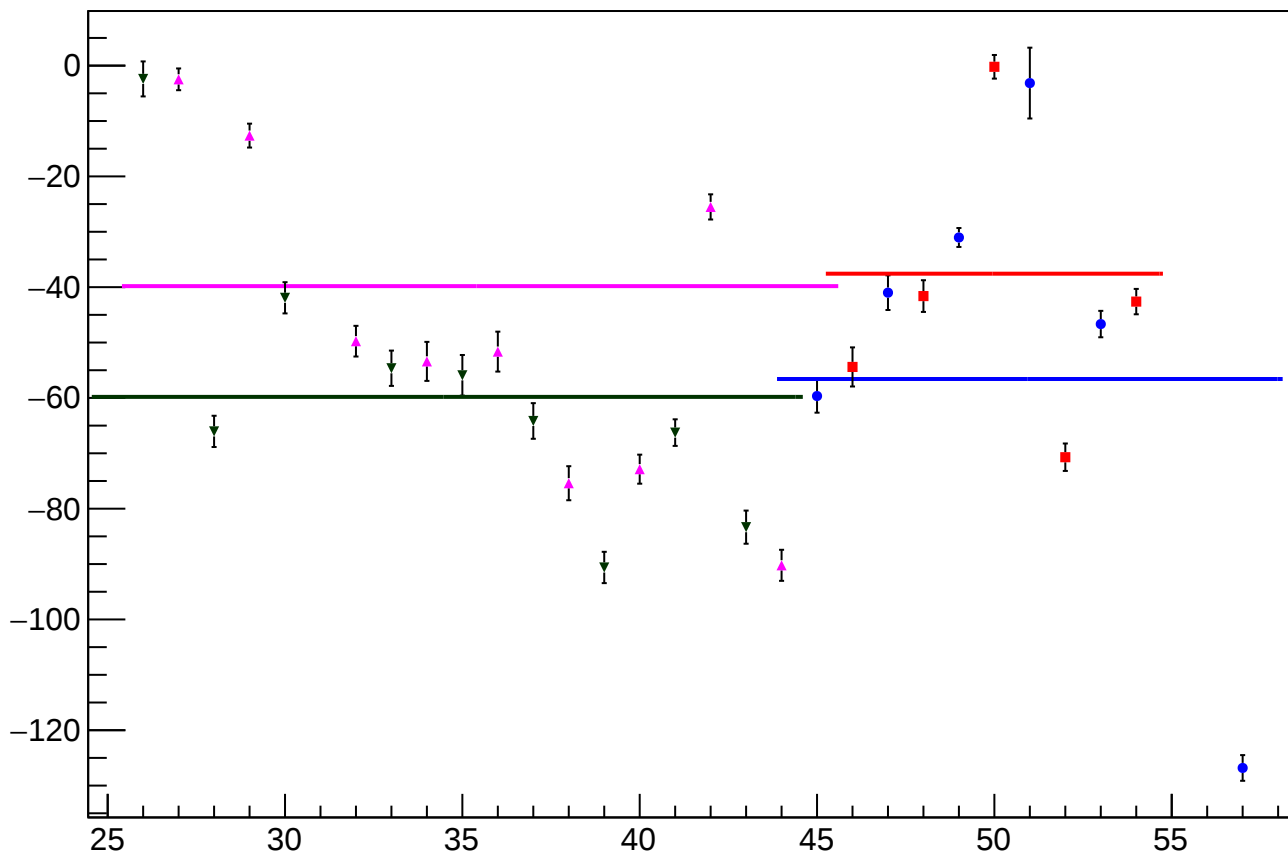
Right Out: 161.288 $\pm$ 0.163 χ^2 /NDF: 2288.8/4

Left In: 169.441 $\pm$ 0.124 χ^2 /NDF: 3580.5/8

165.909 $\pm$ 0.099 χ^2 /NDF: 5837.2/14

166.459 $\pm$ 0.099 χ^2 /NDF: 7448.1/13

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -56.584 $\pm$ 1.031 χ^2 /NDF: 1253.1/5

Left Out: -59.812 $\pm$ 0.985 χ^2 /NDF: 568.6/8

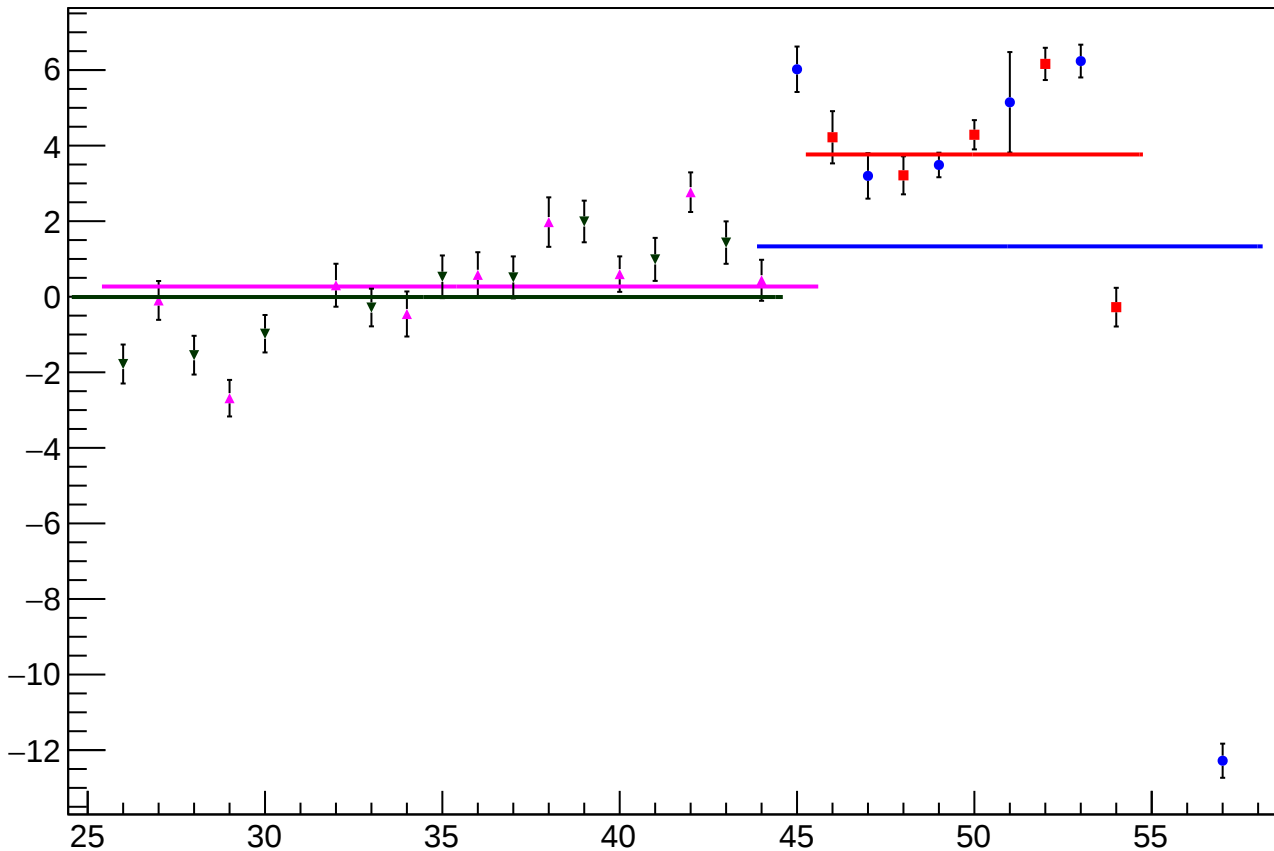
Right Out: -37.567 $\pm$ 1.136 χ^2 /NDF: 515.0/4

Left In: -39.815 $\pm$ 0.866 χ^2 /NDF: 1214.9/8

-58.272 $\pm$ 0.712 χ^2 /NDF: 1826.8/14

-38.989 $\pm$ 0.689 χ^2 /NDF: 1732.3/13

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 1.333 $\pm$ 0.197 χ^2 /NDF: 1158.5/5

Left Out: -0.008 $\pm$ 0.178 χ^2 /NDF: 49.6/8

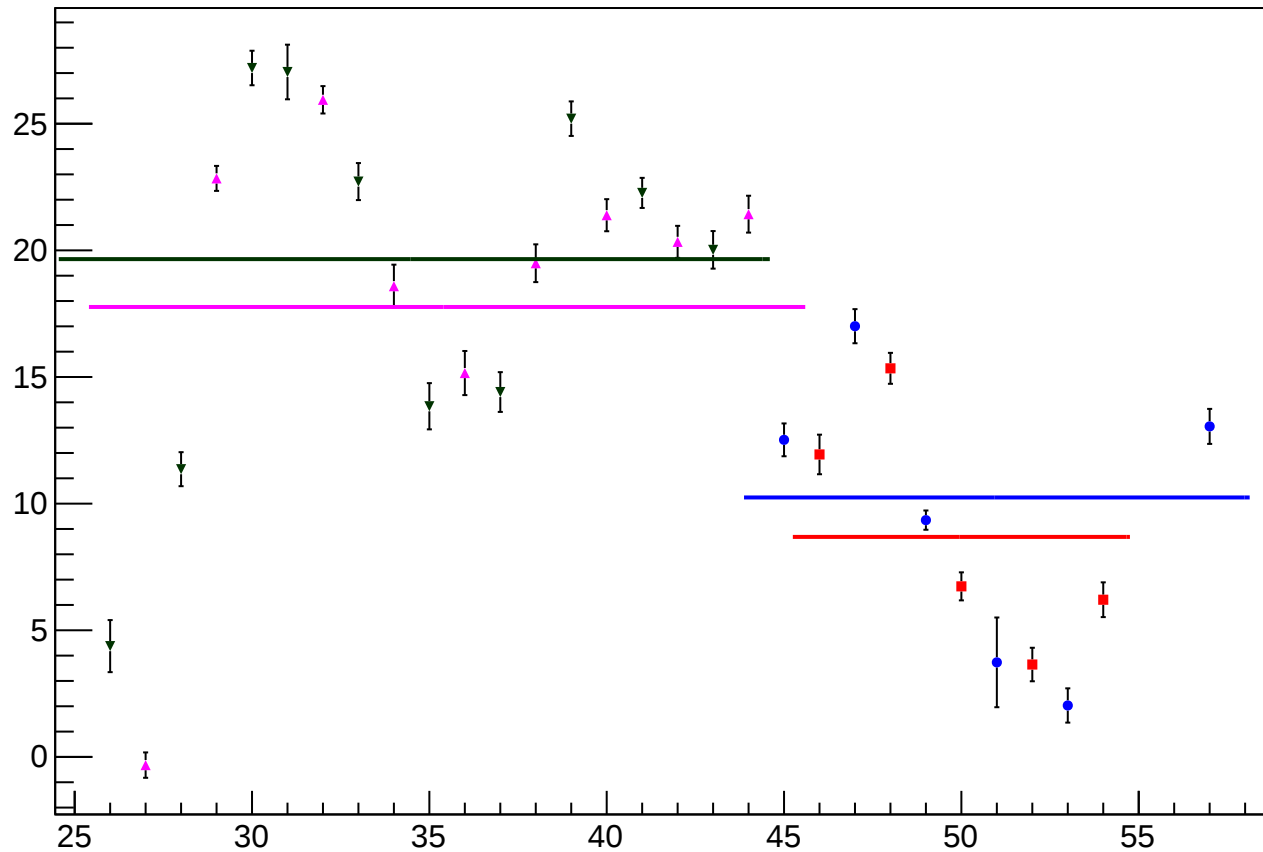
Right Out: 3.766 $\pm$ 0.213 χ^2 /NDF: 97.3/4

Left In: 0.270 $\pm$ 0.181 χ^2 /NDF: 69.6/8

0.595 $\pm$ 0.132 χ^2 /NDF: 1233.6/14

1.731 $\pm$ 0.138 χ^2 /NDF: 323.5/13

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 10.244 $\pm$ 0.249 χ^2 /NDF: 296.0/5

Left Out: 19.654 $\pm$ 0.238 χ^2 /NDF: 731.5/9

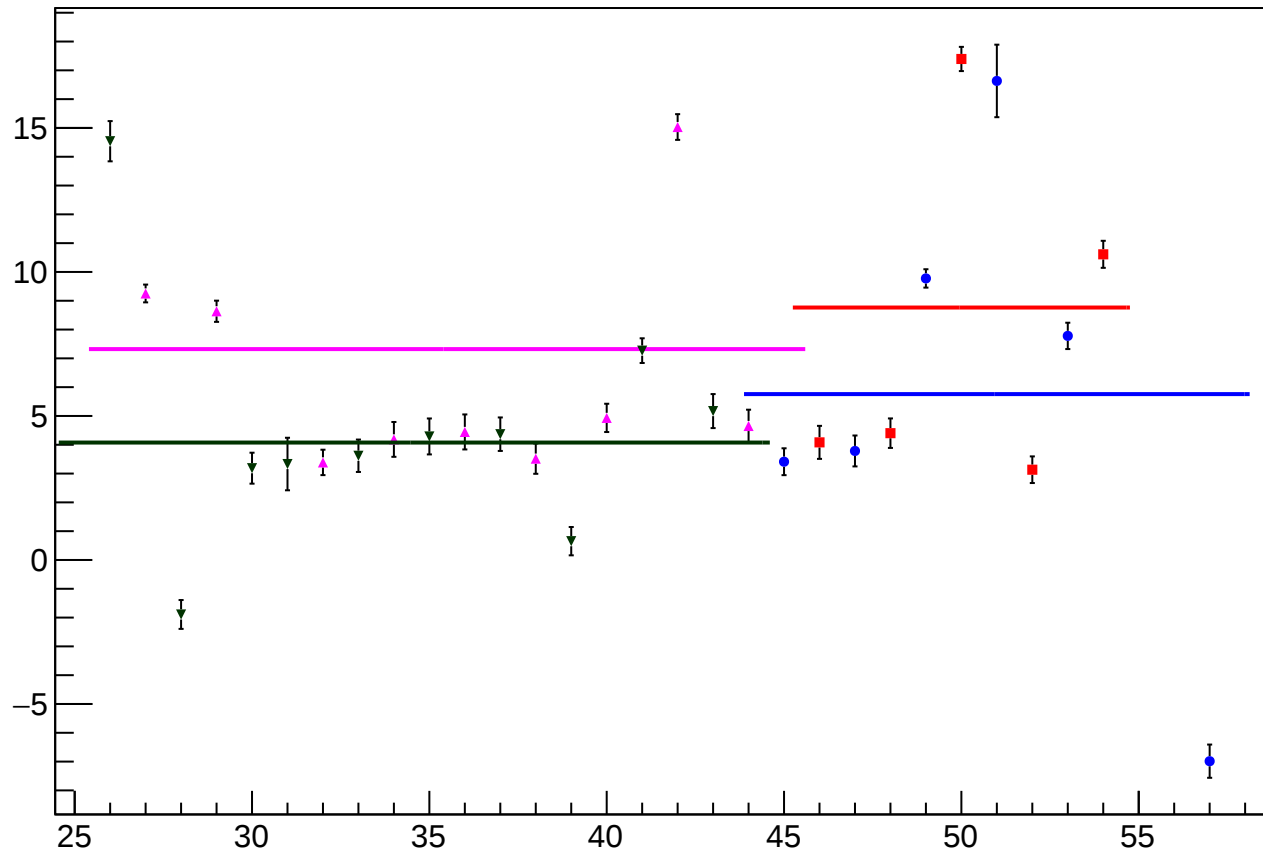
Right Out: 8.687 $\pm$ 0.289 χ^2 /NDF: 219.6/4

Left In: 17.765 $\pm$ 0.209 χ^2 /NDF: 1728.2/8

15.169 $\pm$ 0.172 χ^2 /NDF: 1773.4/15

14.645 $\pm$ 0.169 χ^2 /NDF: 2596.3/13

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 5.759 $\pm$ 0.195 χ^2 /NDF: 779.1/5

Left Out: 4.077 $\pm$ 0.177 χ^2 /NDF: 478.1/9

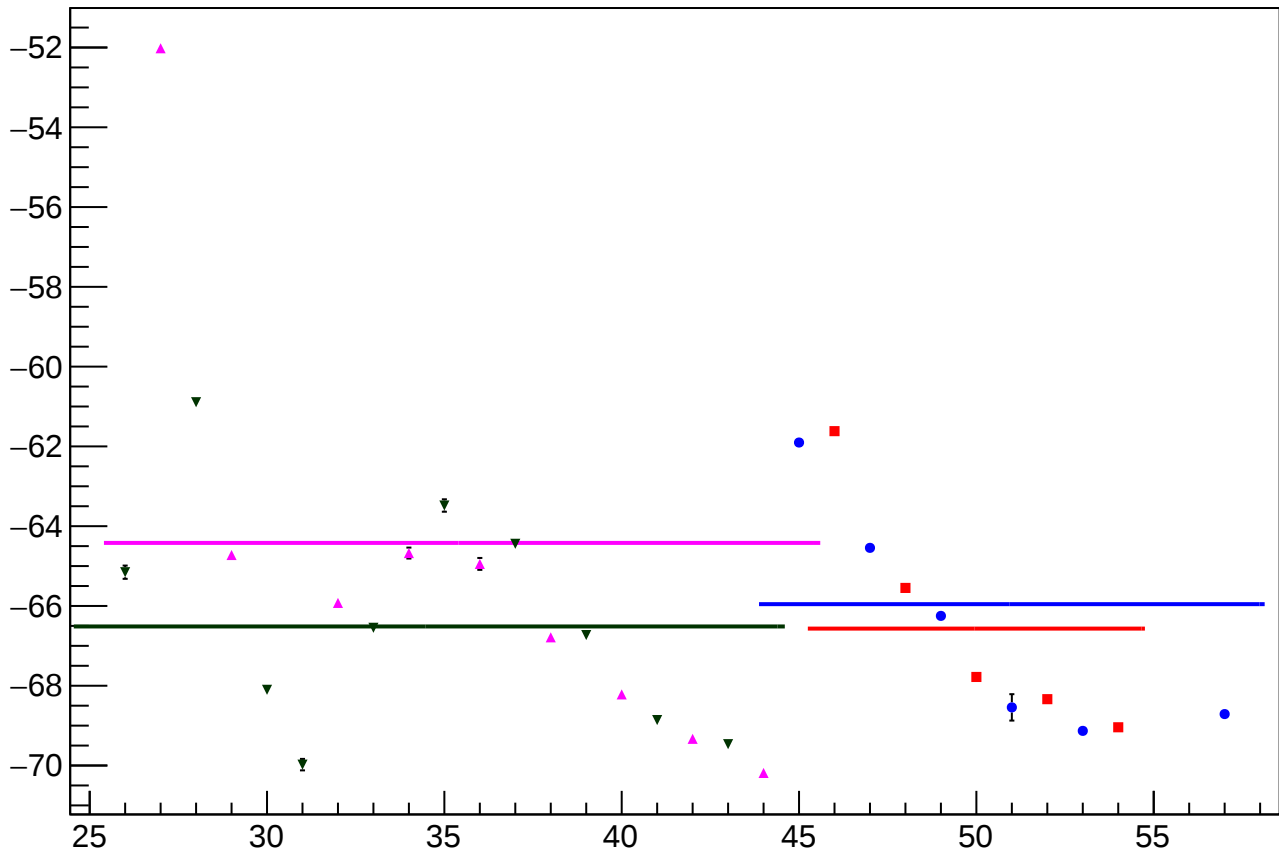
Right Out: 8.765 $\pm$ 0.215 χ^2 /NDF: 724.5/4

Left In: 7.322 $\pm$ 0.150 χ^2 /NDF: 577.2/8

4.838 $\pm$ 0.131 χ^2 /NDF: 1298.0/15

7.796 $\pm$ 0.123 χ^2 /NDF: 1332.1/13

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -65.955 ± 0.045 χ^2/NDF : 3015.3/5

Left Out: -66.514 ± 0.039 χ^2/NDF : 4814.8/9

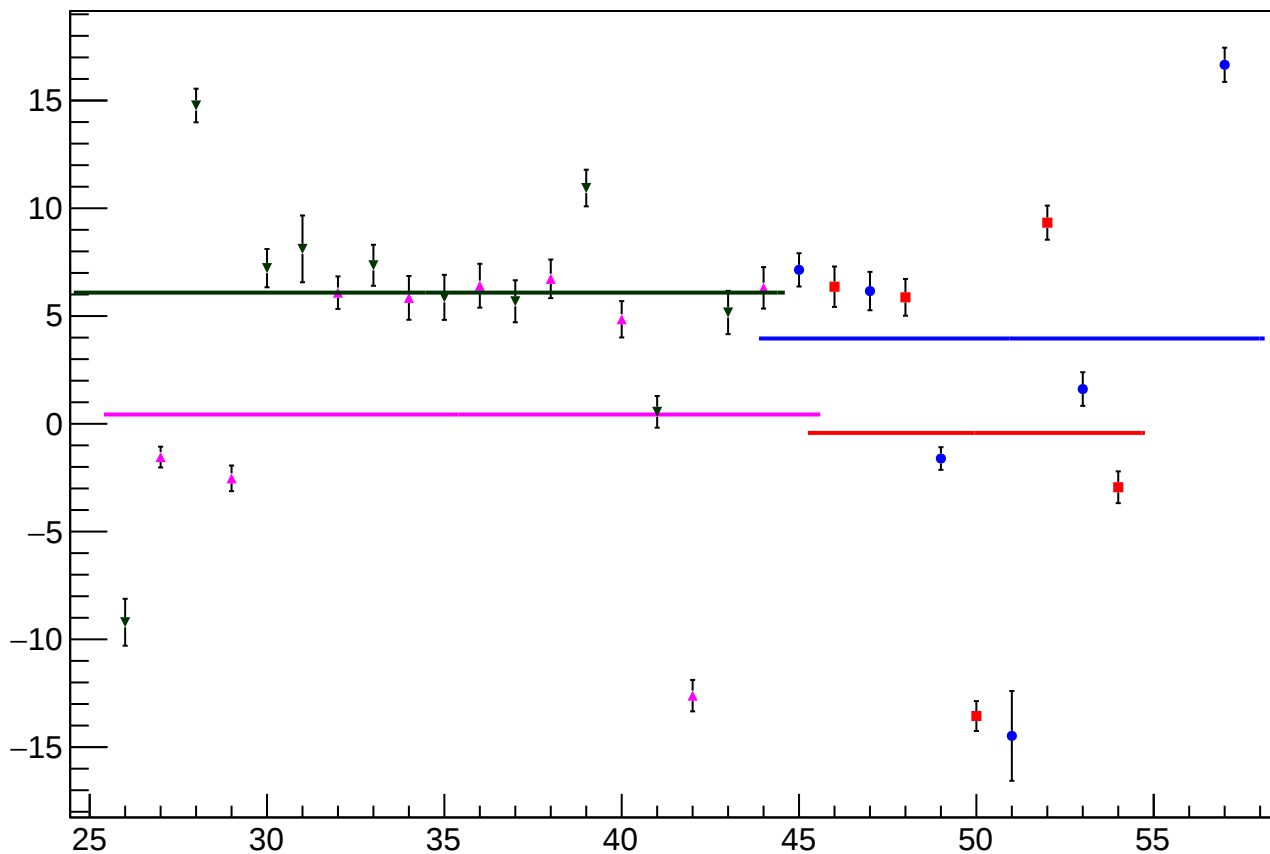
Right Out: -66.568 ± 0.050 χ^2/NDF : 2692.8/4

Left In: -64.419 ± 0.036 χ^2/NDF : 25022.3/8

-66.274 ± 0.030 χ^2/NDF : 7916.8/15

-65.150 ± 0.029 χ^2/NDF : 28921.8/13

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 3.958 $\pm$ 0.316 χ^2 /NDF: 478.6/5

Left Out: 6.087 $\pm$ 0.295 χ^2 /NDF:416.6/9

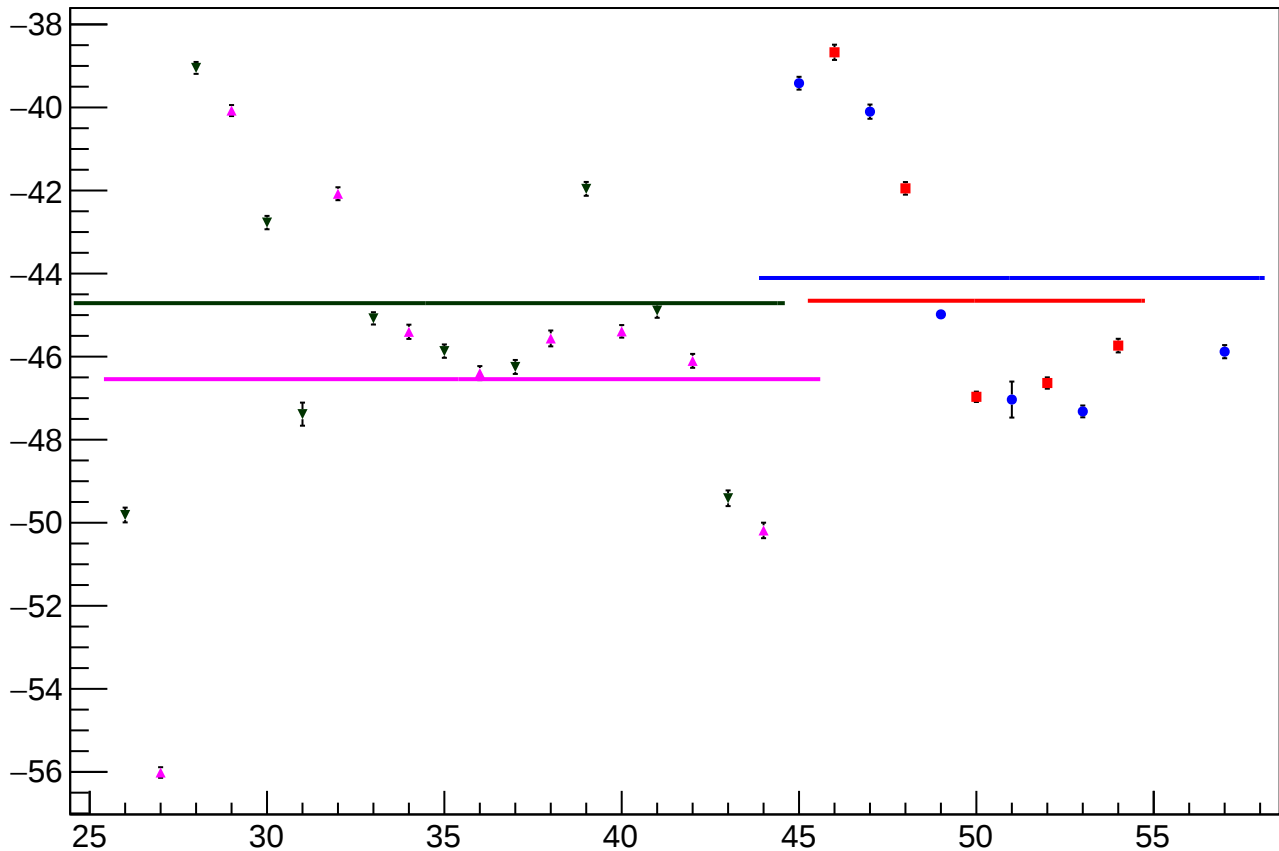
Right Out: -0.422 $\pm$ 0.353 χ^2 /NDF: 629.3/4

Left In: 0.433 $\pm$ 0.247 χ^2 /NDF:594.7/8

5.095 $\pm$ 0.216 χ^2 /NDF: 919.5/15

0.152 $\pm$ 0.202 χ^2 /NDF: 1227.9/13

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -44.106 $\pm$ 0.061 χ^2 /NDF: 2221.2/5

Left Out: -44.712 $\pm$ 0.054 χ^2 /NDF:3648.7/9

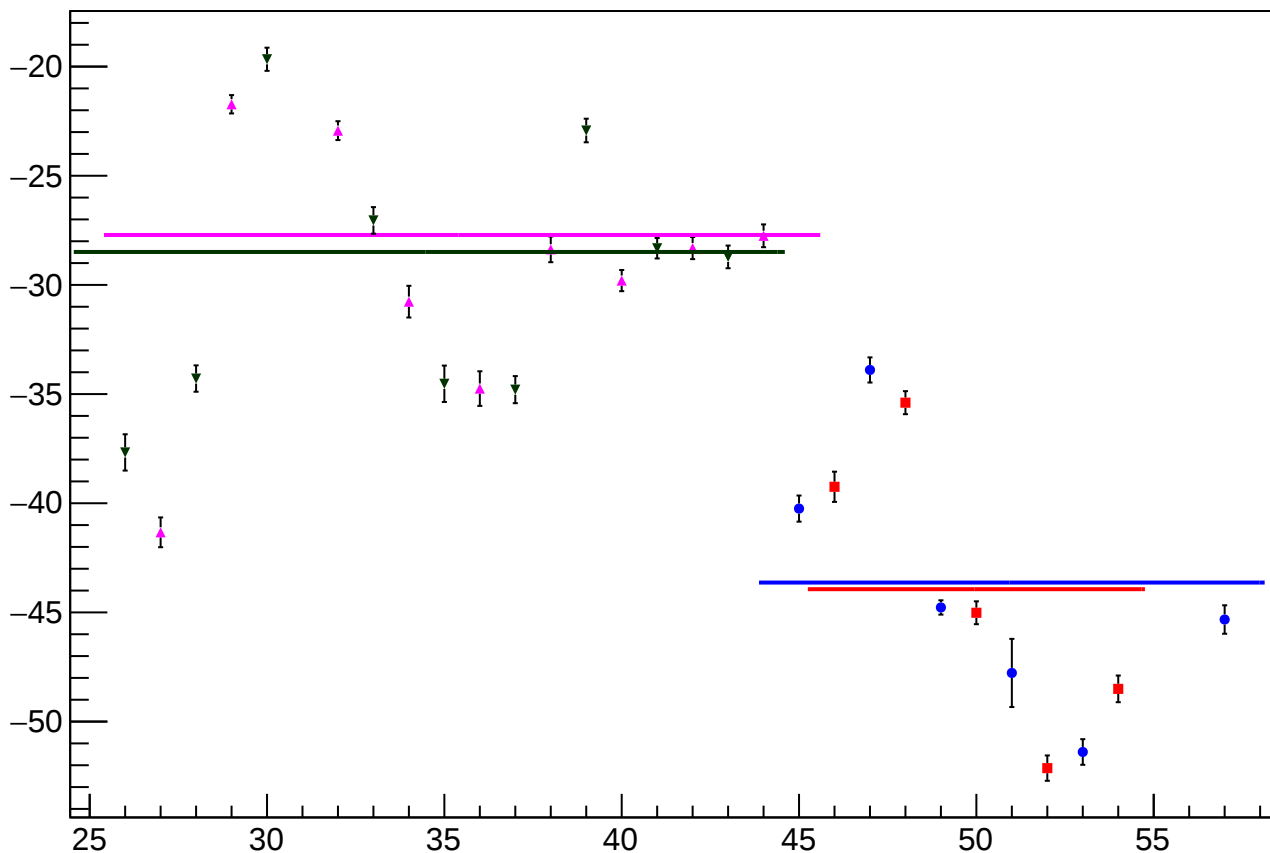
-44.447 $\pm$ 0.040 χ^2 /NDF: 5925.8/15

Right Out: -44.654 $\pm$ 0.066 χ^2 /NDF: 1971.9/4

-45.816 $\pm$ 0.041 χ^2 /NDF: 11684.8/13

Left In: -46.543 $\pm$ 0.052 χ^2 /NDF:9214.1/8

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -43.633+/-0.220 χ^2/NDF : 518.5/5

Left Out: -28.490+/-0.195 χ^2/NDF : 758.4/8

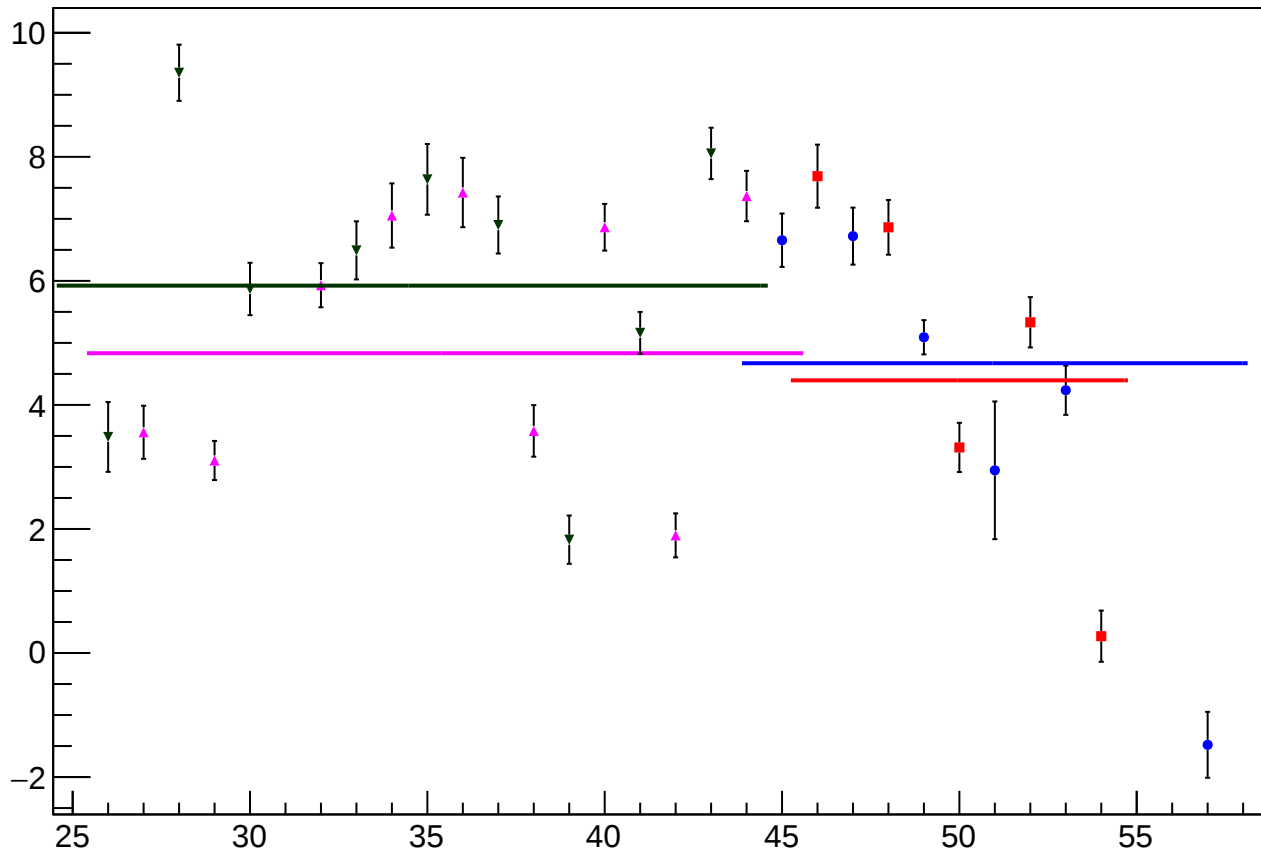
Right Out: -43.937+/-0.258 χ^2/NDF : 567.8/4

Left In: -27.713+/-0.179 χ^2/NDF : 841.0/8

-35.188+/-0.146 χ^2/NDF : 3930.9/14

-32.960+/-0.147 χ^2/NDF : 4076.7/13

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 4.672 ± 0.172 χ^2/NDF : 180.9/5

Left Out: 5.923 ± 0.146 χ^2/NDF : 233.4/8

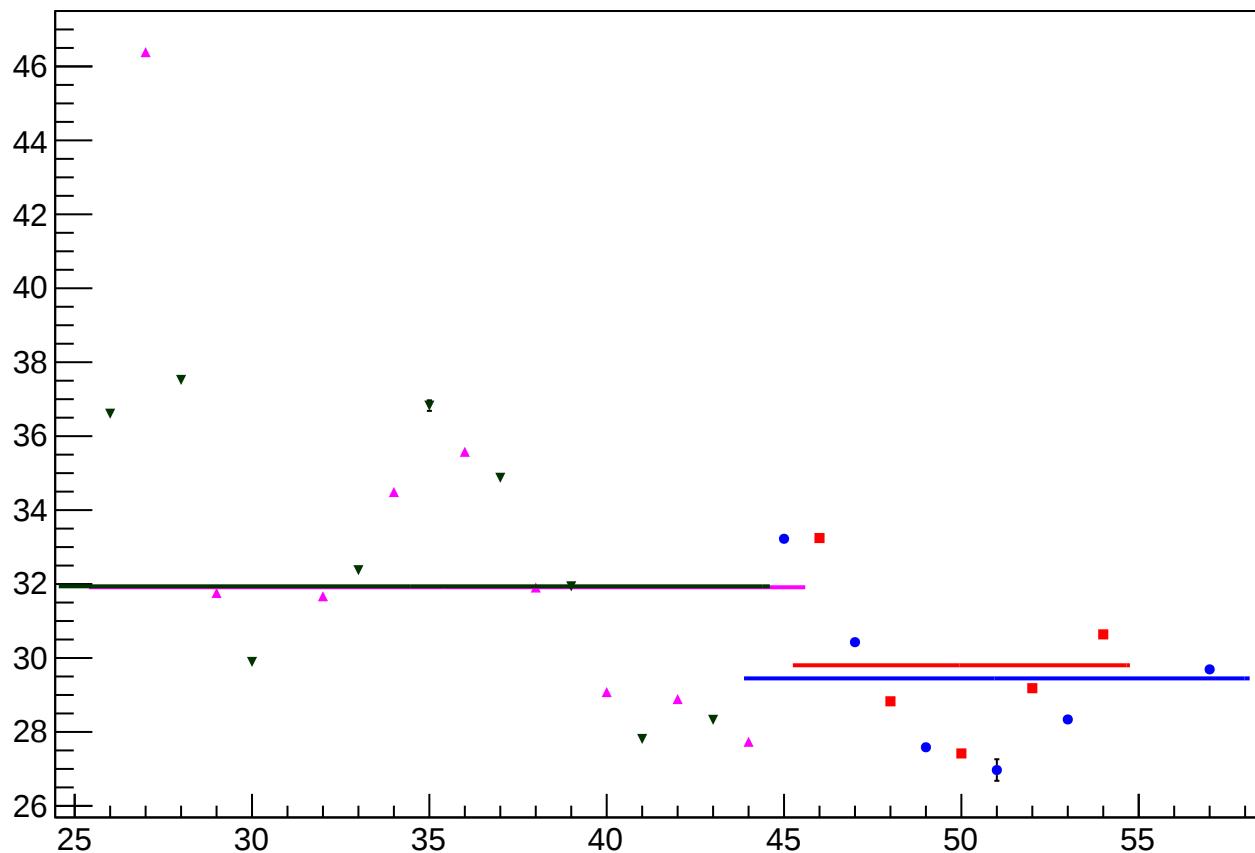
Right Out: 4.396 ± 0.191 χ^2/NDF : 185.7/4

Left In: 4.834 ± 0.132 χ^2/NDF : 234.0/8

5.400 ± 0.111 χ^2/NDF : 445.1/14

4.692 ± 0.109 χ^2/NDF : 423.2/13

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 29.449+/-0.040 χ^2/NDF : 2630.9/5

Left Out: 31.939+/-0.033 χ^2/NDF : 10847.9/8

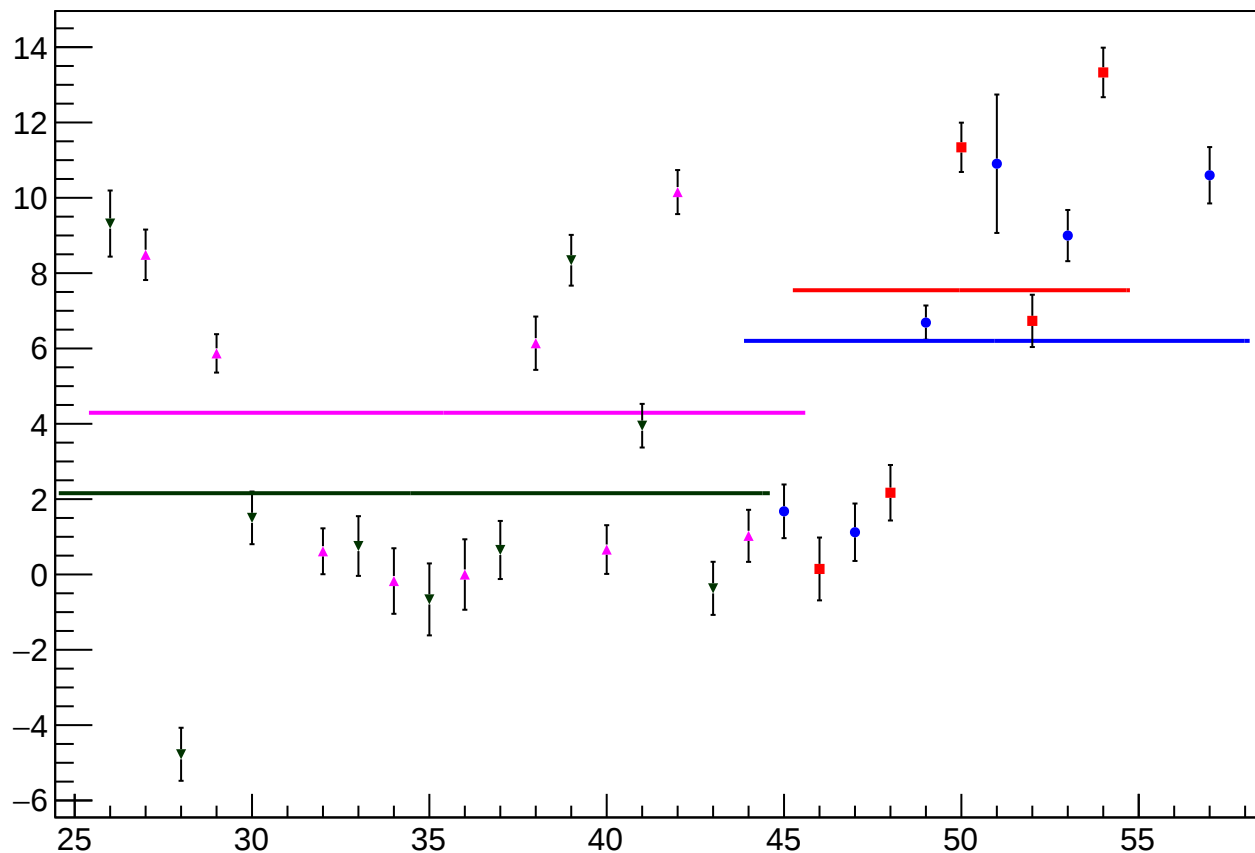
Right Out: 29.803+/-0.045 χ^2/NDF : 1870.2/4

Left In: 31.913+/-0.031 χ^2/NDF : 20133.4/8

30.949+/-0.025 χ^2/NDF : 15797.8/14

31.238+/-0.025 χ^2/NDF : 23527.3/13

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 6.202 $\pm$ 0.280 χ^2 /NDF: 143.9/5

Left Out: 2.158 $\pm$ 0.243 χ^2 /NDF:286.7/8

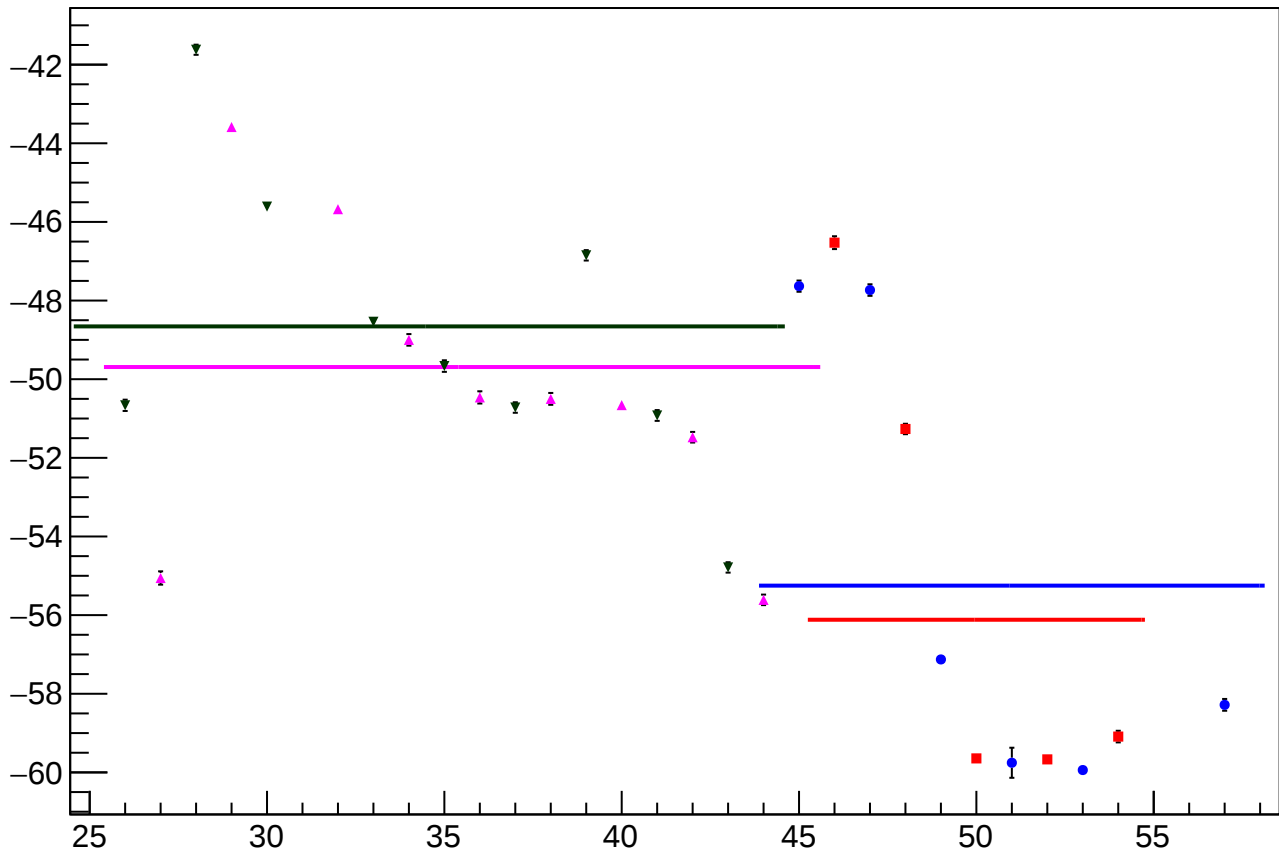
Right Out: 7.546 $\pm$ 0.316 χ^2 /NDF: 244.2/4

Left In: 4.293 $\pm$ 0.220 χ^2 /NDF:293.8/8

3.898 $\pm$ 0.183 χ^2 /NDF: 549.7/14

5.355 $\pm$ 0.181 χ^2 /NDF: 609.2/13

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -55.250+/-0.054 χ^2/NDF : 7931.1/5

Left Out: -48.657+/-0.044 χ^2/NDF : 6659.9/8

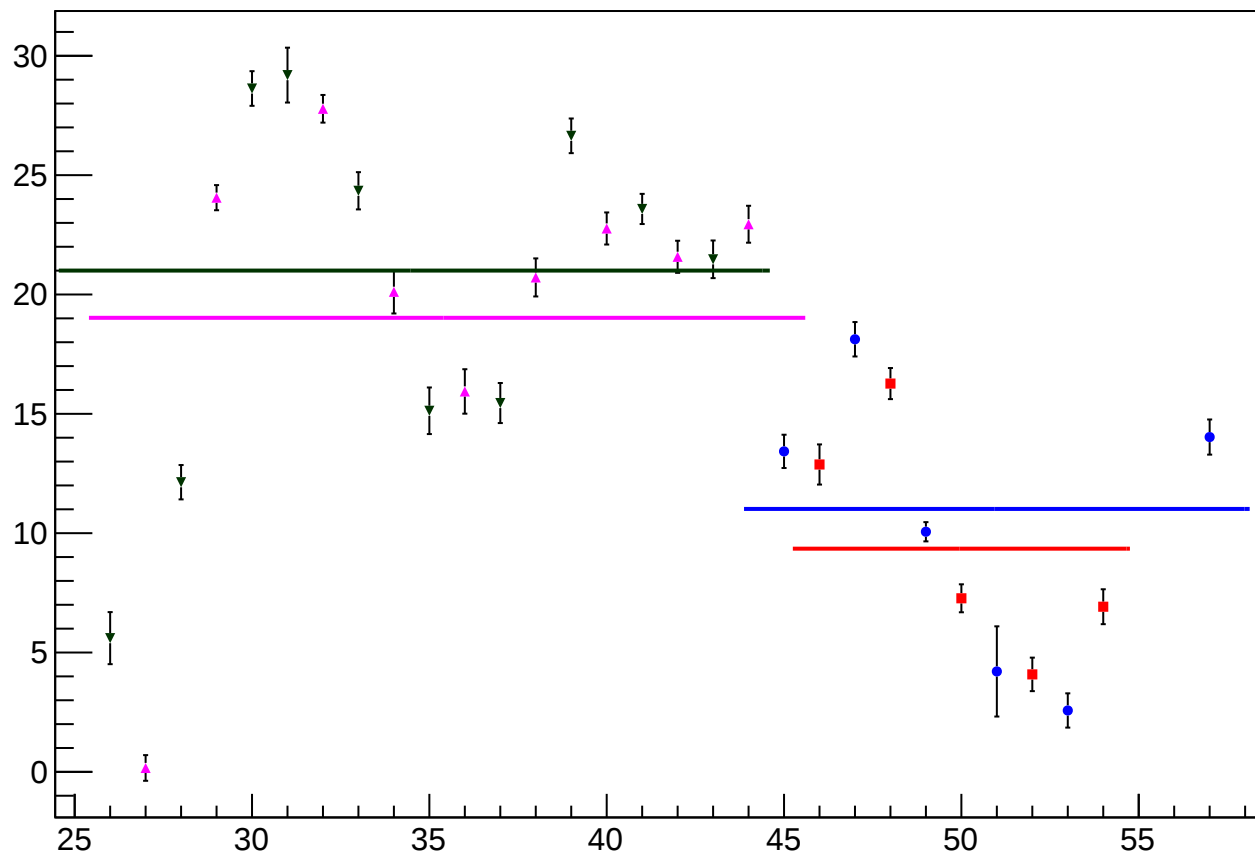
Right Out: -56.118+/-0.060 χ^2/NDF : 6955.2/4

Left In: -49.690+/-0.045 χ^2/NDF : 7146.4/8

-51.326+/-0.034 χ^2/NDF : 23518.4/14

-52.028+/-0.036 χ^2/NDF : 21487.0/13

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 11.016 ± 0.265 χ^2/NDF : 282.9/5

Left Out: 21.002 ± 0.254 χ^2/NDF : 688.1/9

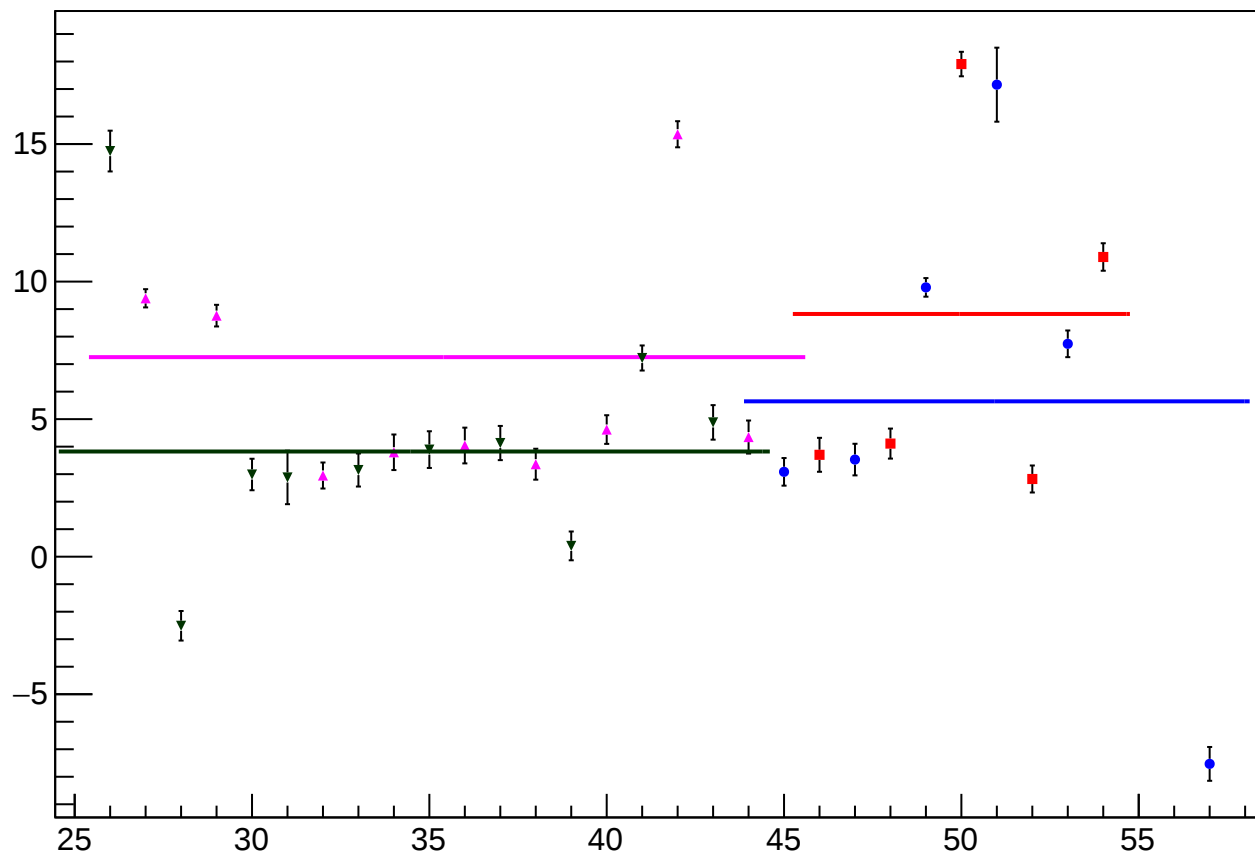
Right Out: 9.351 ± 0.307 χ^2/NDF : 210.3/4

Left In: 19.023 ± 0.223 χ^2/NDF : 1636.4/8

16.235 ± 0.183 χ^2/NDF : 1711.3/15

15.684 ± 0.181 χ^2/NDF : 2494.9/13

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 5.647 $\pm$ 0.208 χ^2 /NDF: 741.0/5

Left Out: 3.824 $\pm$ 0.189 χ^2 /NDF: 462.2/9

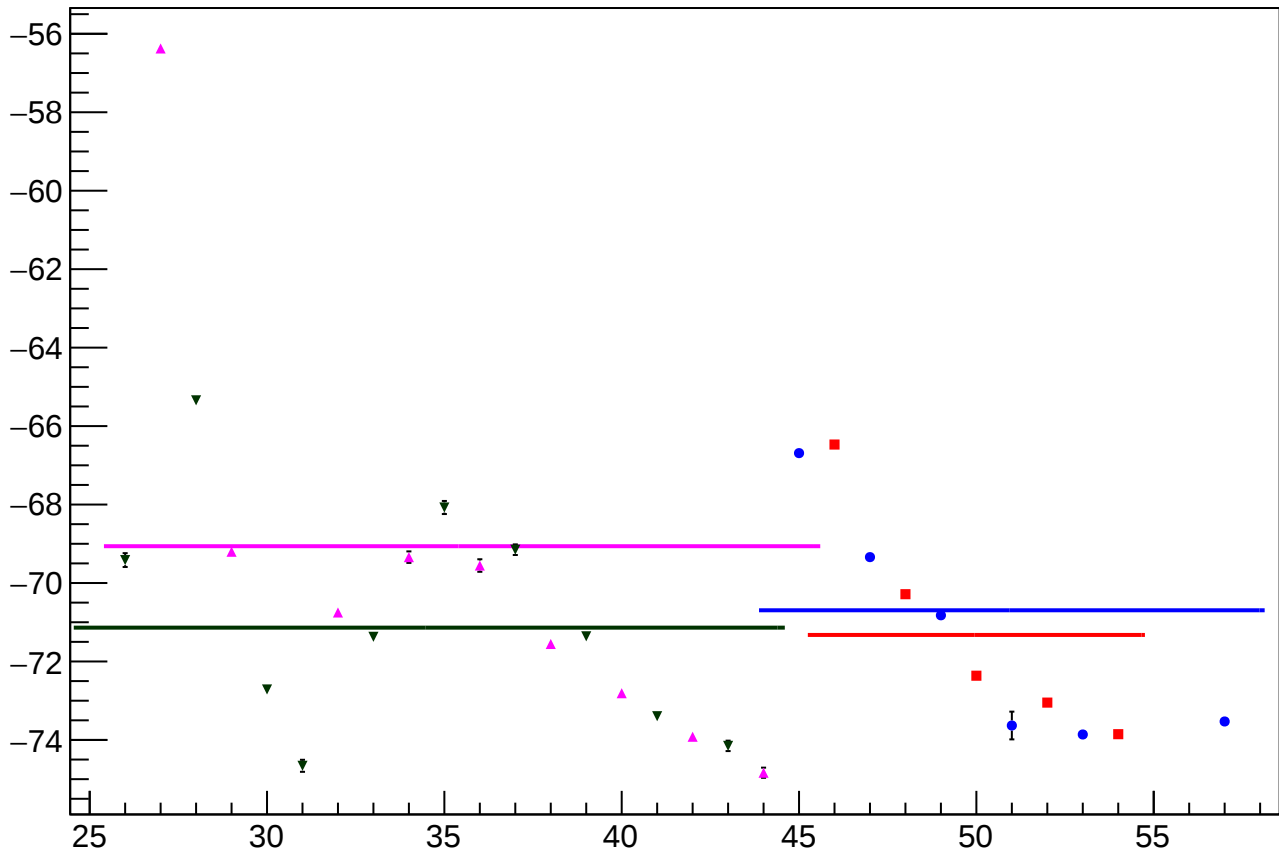
Right Out: 8.823 $\pm$ 0.228 χ^2 /NDF: 726.6/4

Left In: 7.254 $\pm$ 0.160 χ^2 /NDF: 580.6/8

4.650 $\pm$ 0.140 χ^2 /NDF: 1245.5/15

7.773 $\pm$ 0.131 χ^2 /NDF: 1338.8/13

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -70.695 $\pm$ 0.048 χ^2 /NDF: 2621.1/5

Left Out: -71.138 $\pm$ 0.042 χ^2 /NDF: 4371.0/9

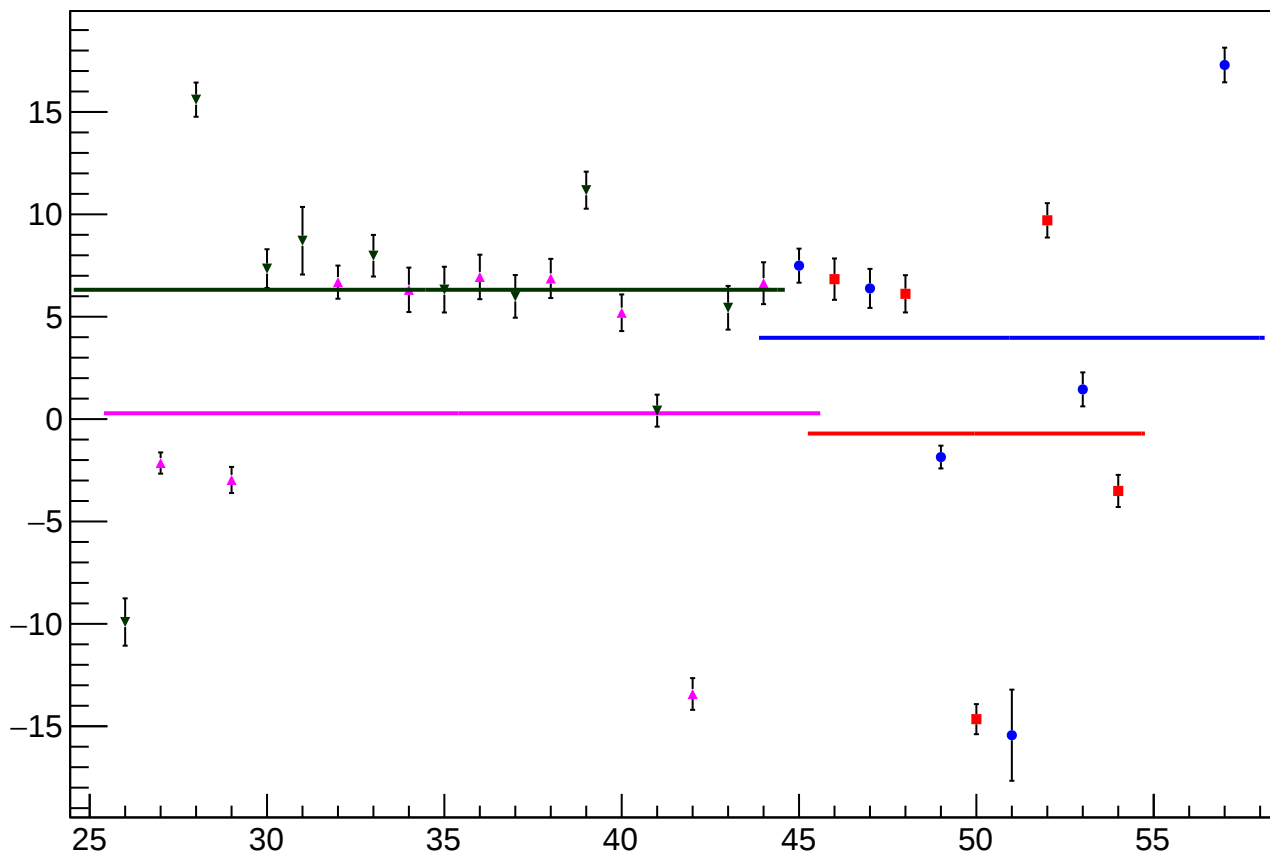
Right Out: -71.324 $\pm$ 0.054 χ^2 /NDF: 2265.9/4

Left In: -69.062 $\pm$ 0.039 χ^2 /NDF: 22618.3/8

-70.948 $\pm$ 0.032 χ^2 /NDF: 7039.9/15

-69.834 $\pm$ 0.031 χ^2 /NDF: 26060.8/13

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 3.970 ± 0.337 $\chi^2/\text{NDF}: 467.2/5$

Left Out: 6.316 ± 0.315 $\chi^2/\text{NDF}: 413.3/9$

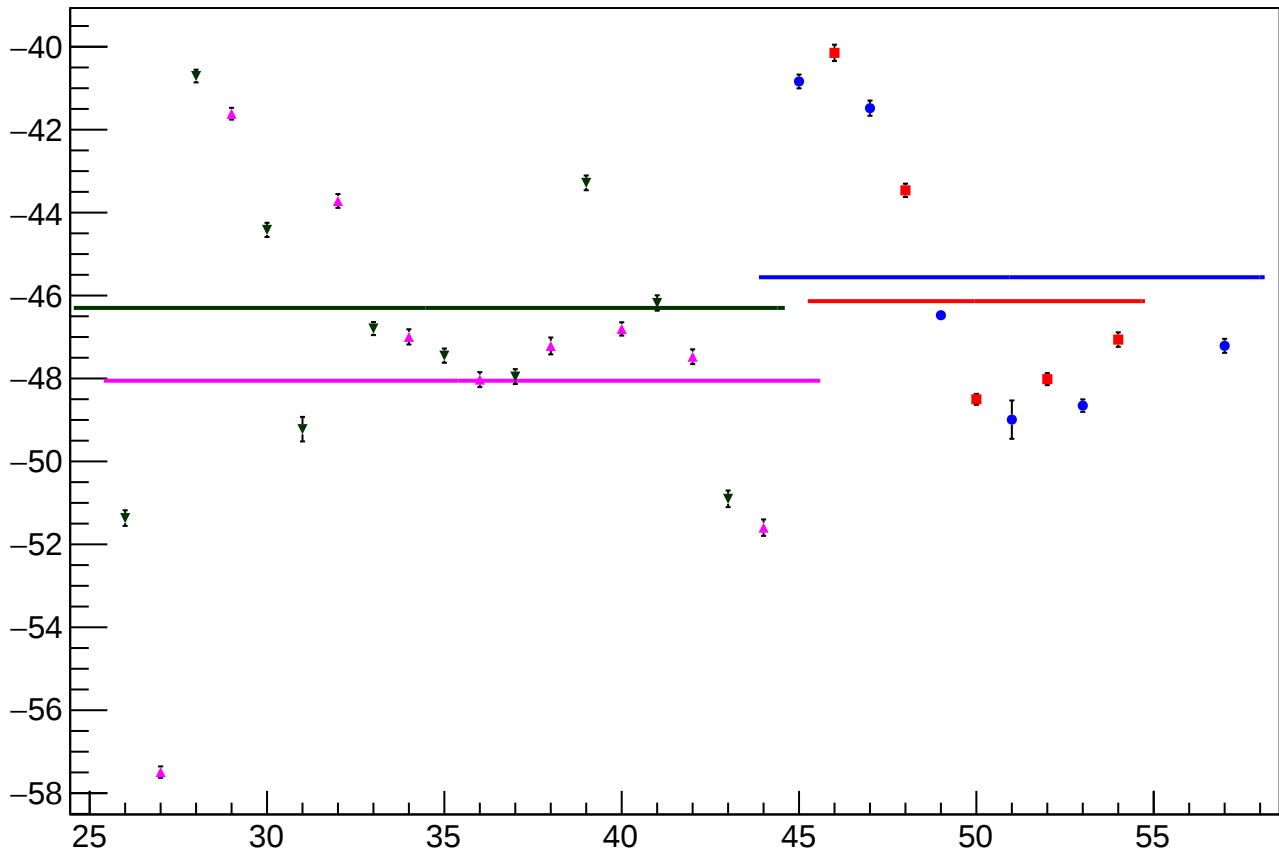
Right Out: -0.705 ± 0.376 $\chi^2/\text{NDF}: 639.5/4$

Left In: 0.285 ± 0.264 $\chi^2/\text{NDF}: 608.0/8$

5.221 ± 0.230 $\chi^2/\text{NDF}: 906.4/15$

-0.041 ± 0.216 $\chi^2/\text{NDF}: 1252.2/13$

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -45.559 $\pm$ 0.065 χ^2 /NDF: 1943.5/5

Left Out: -46.298 $\pm$ 0.057 χ^2 /NDF: 3214.3/9

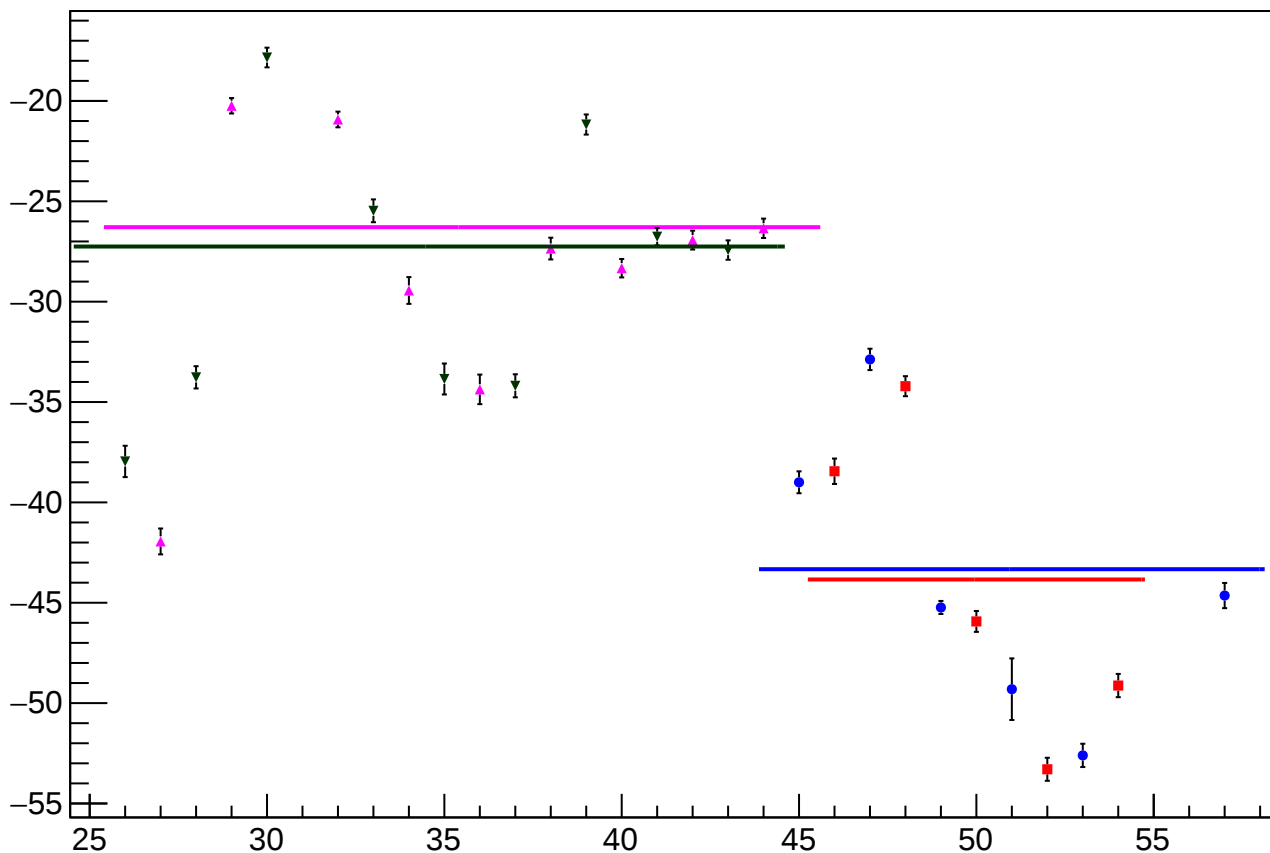
Right Out: -46.135 $\pm$ 0.071 χ^2 /NDF: 1703.7/4

Left In: -48.054 $\pm$ 0.056 χ^2 /NDF: 7913.0/8

-45.974 $\pm$ 0.043 χ^2 /NDF: 5231.0/15

-47.312 $\pm$ 0.044 χ^2 /NDF: 10070.3/13

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -43.329 $\pm$ 0.212 χ^2 /NDF: 758.2/5

Left Out: -27.253 $\pm$ 0.181 χ^2 /NDF:1073.0/8

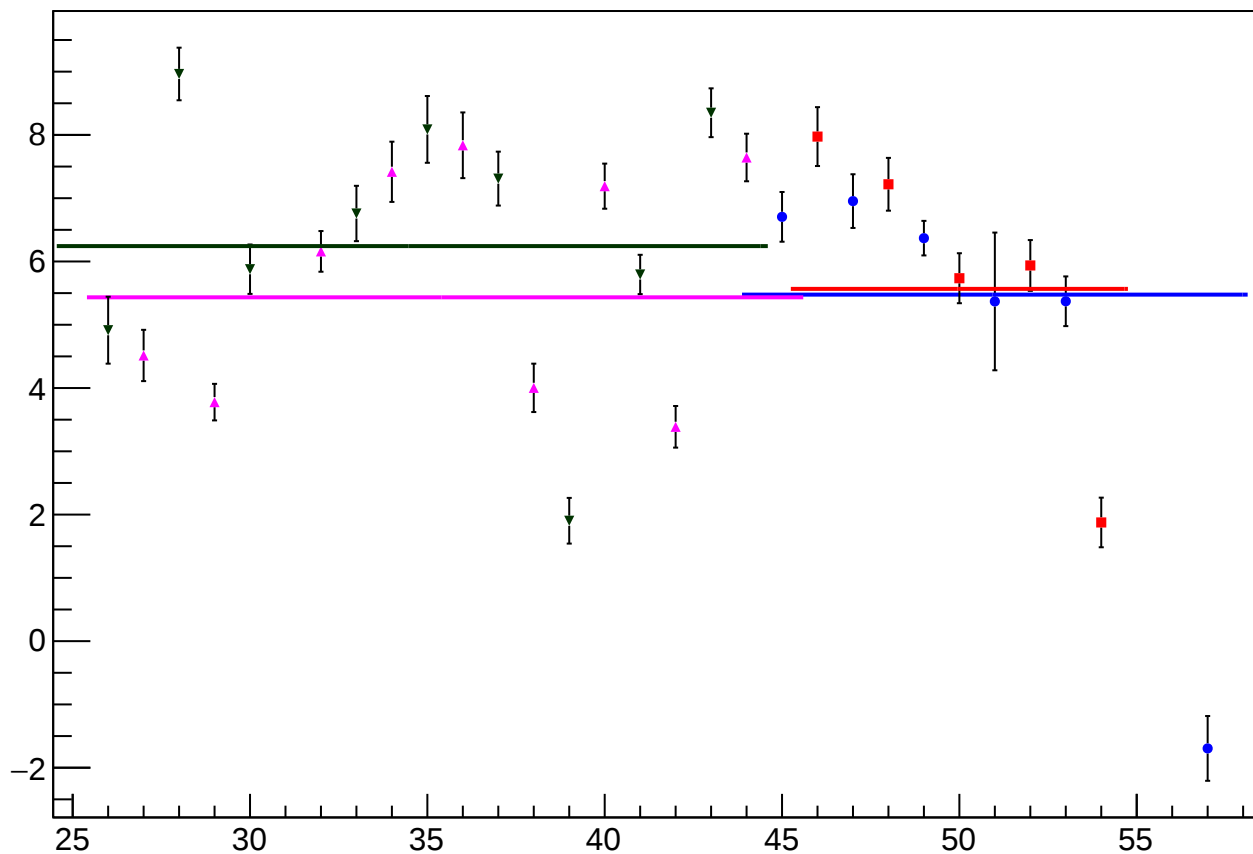
Right Out: -43.841 $\pm$ 0.248 χ^2 /NDF: 815.9/4

Left In: -26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

-34.039 $\pm$ 0.138 χ^2 /NDF: 5160.5/14

-31.661 $\pm$ 0.137 χ^2 /NDF: 5475.9/13

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 5.476 ± 0.165 χ^2/NDF : 229.0/5

Left Out: 6.243 ± 0.135 χ^2/NDF : 246.4/8

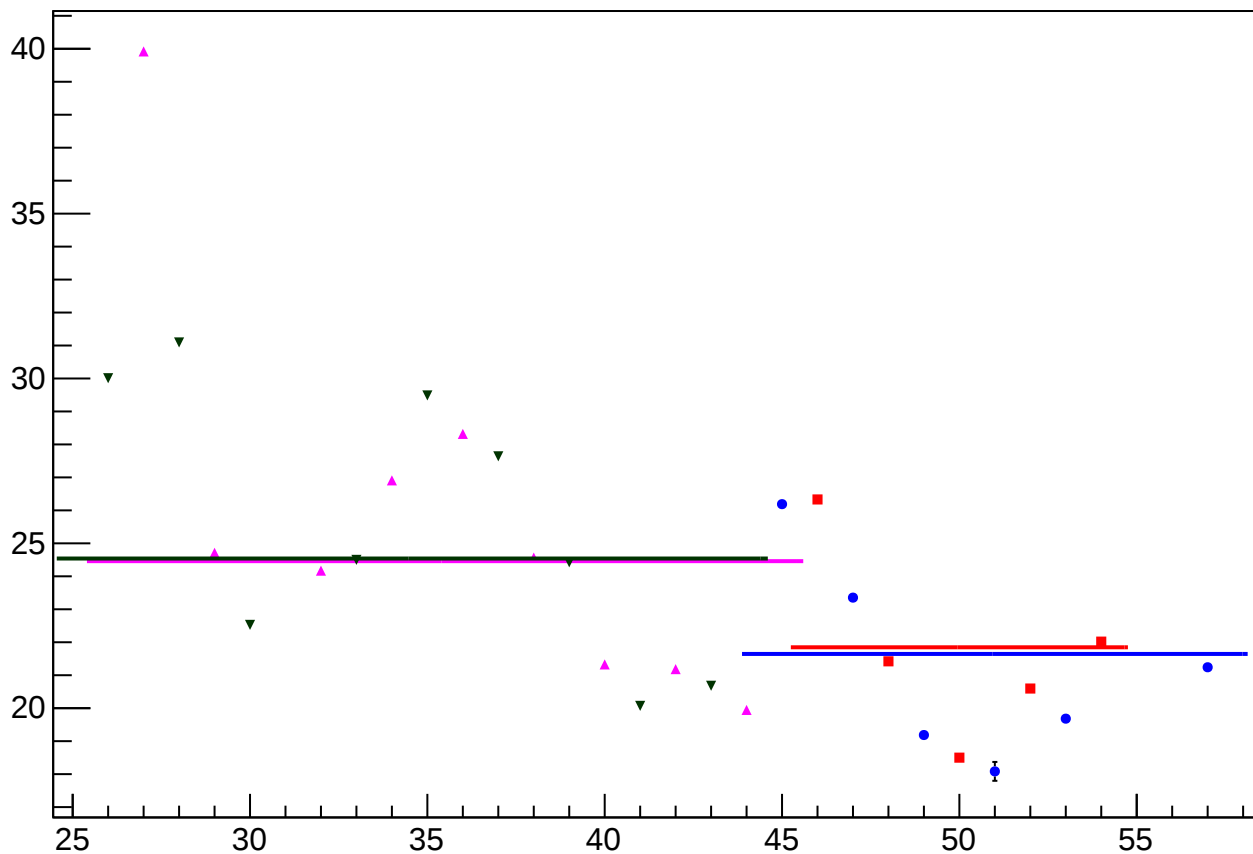
Right Out: 5.567 ± 0.184 χ^2/NDF : 132.1/4

Left In: 5.433 ± 0.122 χ^2/NDF : 193.5/8

5.937 ± 0.104 χ^2/NDF : 488.3/14

5.474 ± 0.102 χ^2/NDF : 325.9/13

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 21.645+/-0.039 χ^2/NDF : 4996.9/5

Left Out: 24.539+/-0.030 χ^2/NDF : 15395.0/8

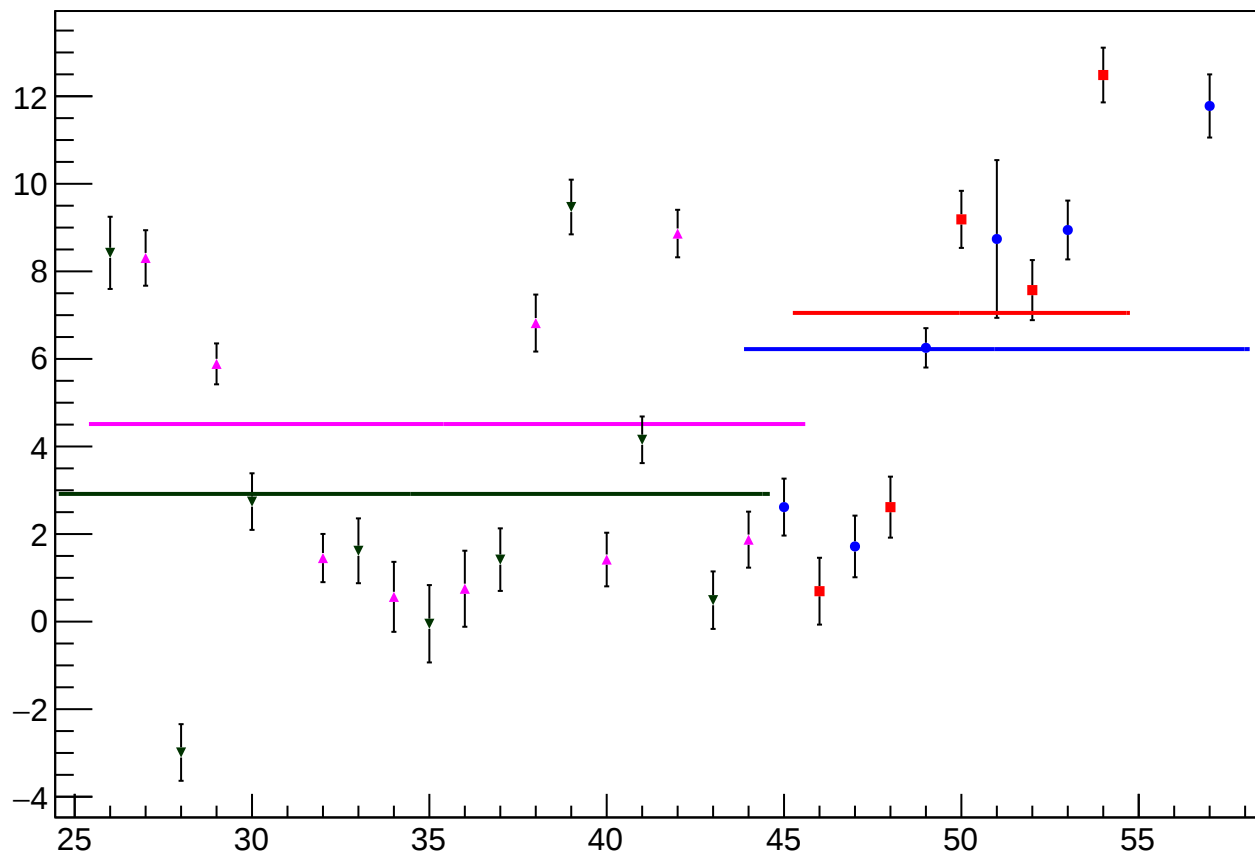
Right Out: 21.847+/-0.043 χ^2/NDF : 3521.6/4

Left In: 24.459+/-0.028 χ^2/NDF : 26092.7/8

23.439+/-0.024 χ^2/NDF : 23892.1/14

23.664+/-0.024 χ^2/NDF : 32228.2/13

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: 6.224 ± 0.269 χ^2/NDF : 149.4/5

Left Out: 2.917 ± 0.225 χ^2/NDF : 276.0/8

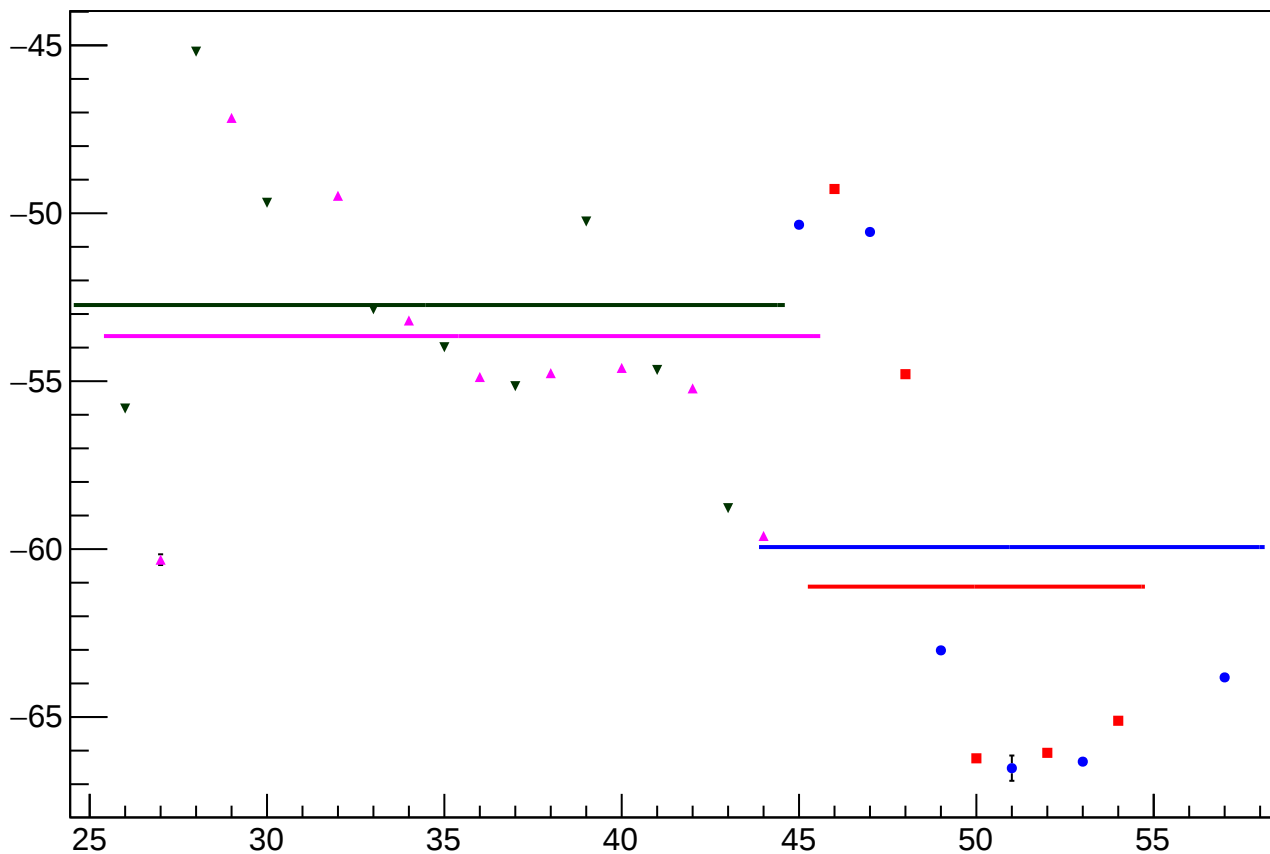
Right Out: 7.051 ± 0.304 χ^2/NDF : 196.8/4

Left In: 4.513 ± 0.204 χ^2/NDF : 238.0/8

4.277 ± 0.173 χ^2/NDF : 514.2/14

5.298 ± 0.169 χ^2/NDF : 482.9/13

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -59.939 ± 0.052 χ^2/NDF : 15260.7/5

Left Out: -52.733 ± 0.041 χ^2/NDF : 8744.9/8

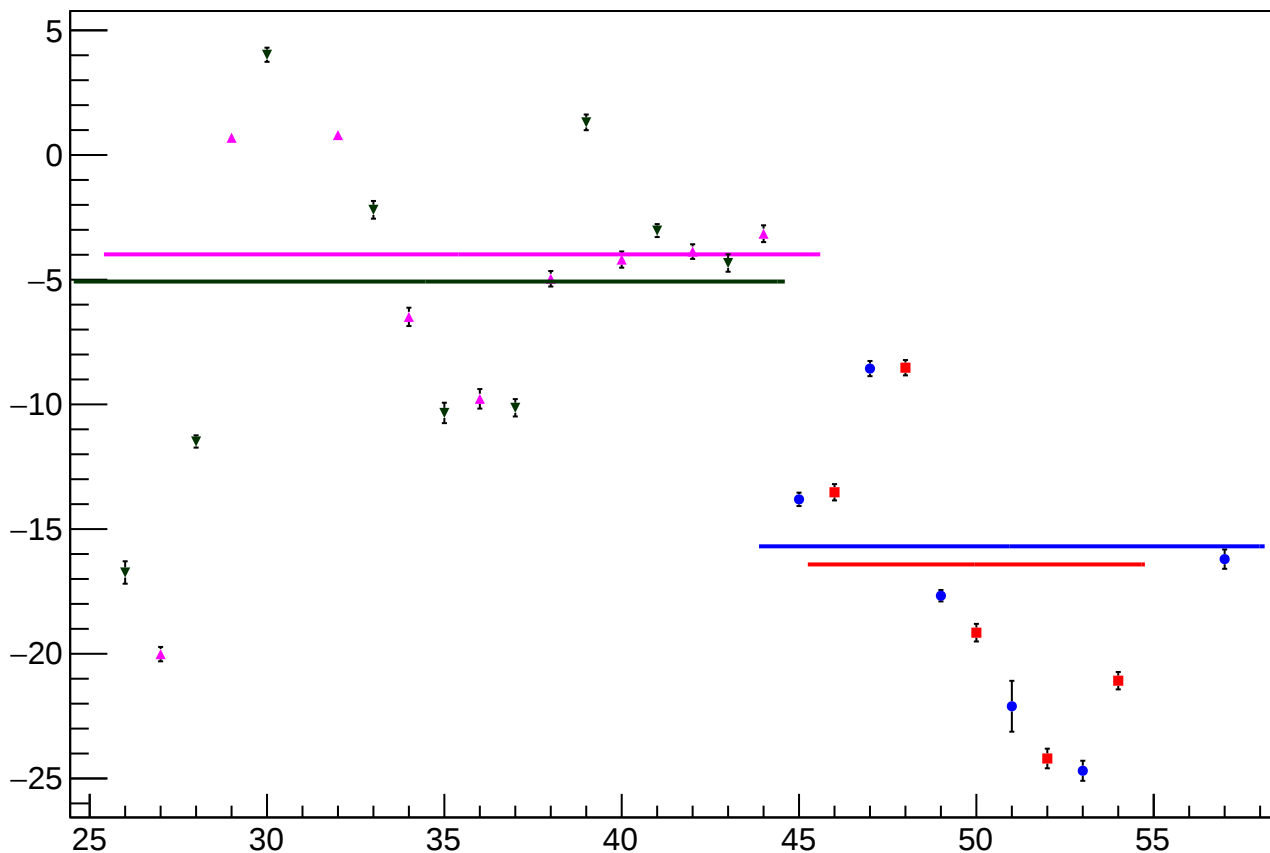
Right Out: -61.117 ± 0.058 χ^2/NDF : 13192.9/4

Left In: -53.657 ± 0.042 χ^2/NDF : 9587.3/8

-55.519 ± 0.032 χ^2/NDF : 35808.3/14

-56.223 ± 0.034 χ^2/NDF : 33754.3/13

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -15.692 $\pm$ 0.132 χ^2 /NDF: 1213.1/5

Left Out: -5.073 $\pm$ 0.106 χ^2 /NDF: 3297.3/8

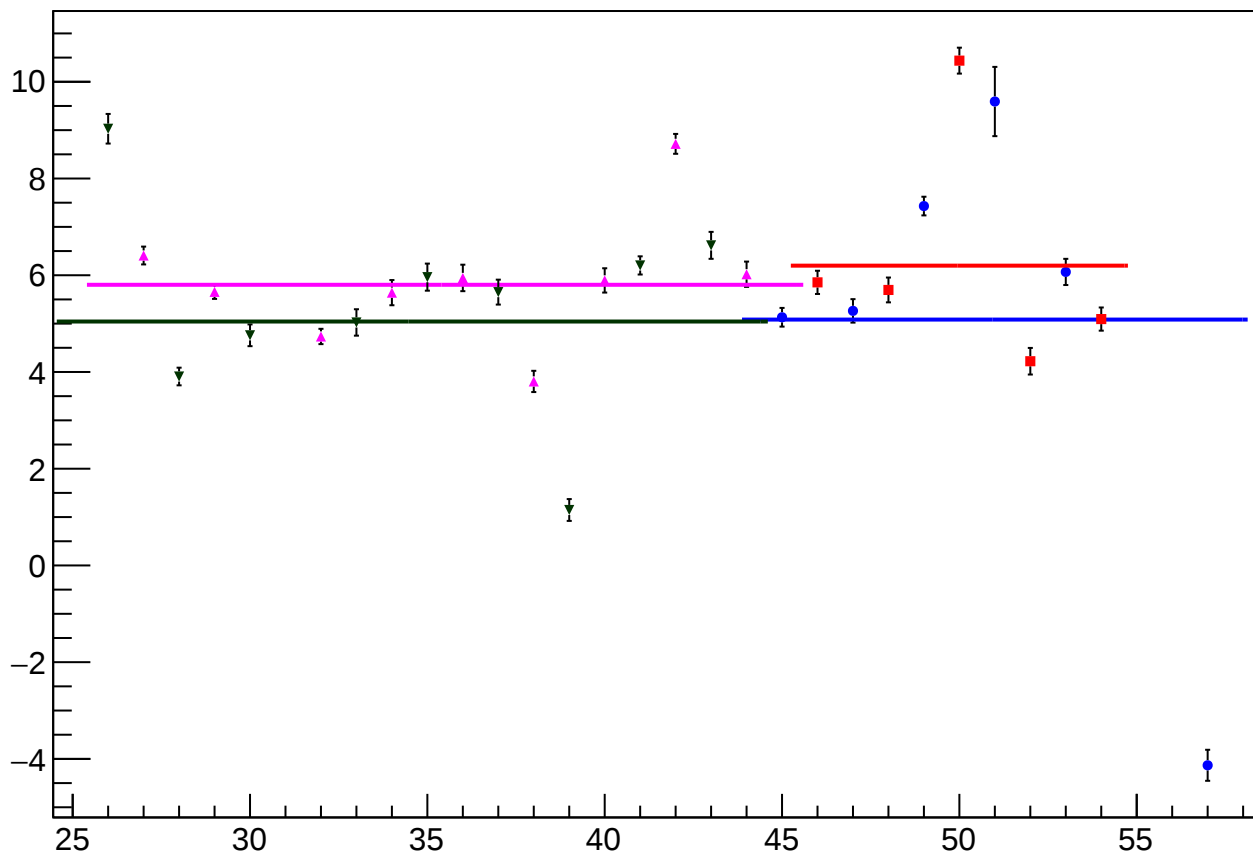
Right Out: -16.417 $\pm$ 0.153 χ^2 /NDF: 1365.5/4

Left In: -3.984 $\pm$ 0.091 χ^2 /NDF: 4557.3/8

-9.238 $\pm$ 0.083 χ^2 /NDF: 8444.8/14

-7.252 $\pm$ 0.079 χ^2 /NDF: 10776.9/13

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.084 $\pm$ 0.102 χ^2 /NDF: 1027.5/5

Left Out: 5.043 $\pm$ 0.078 χ^2 /NDF: 594.0/8

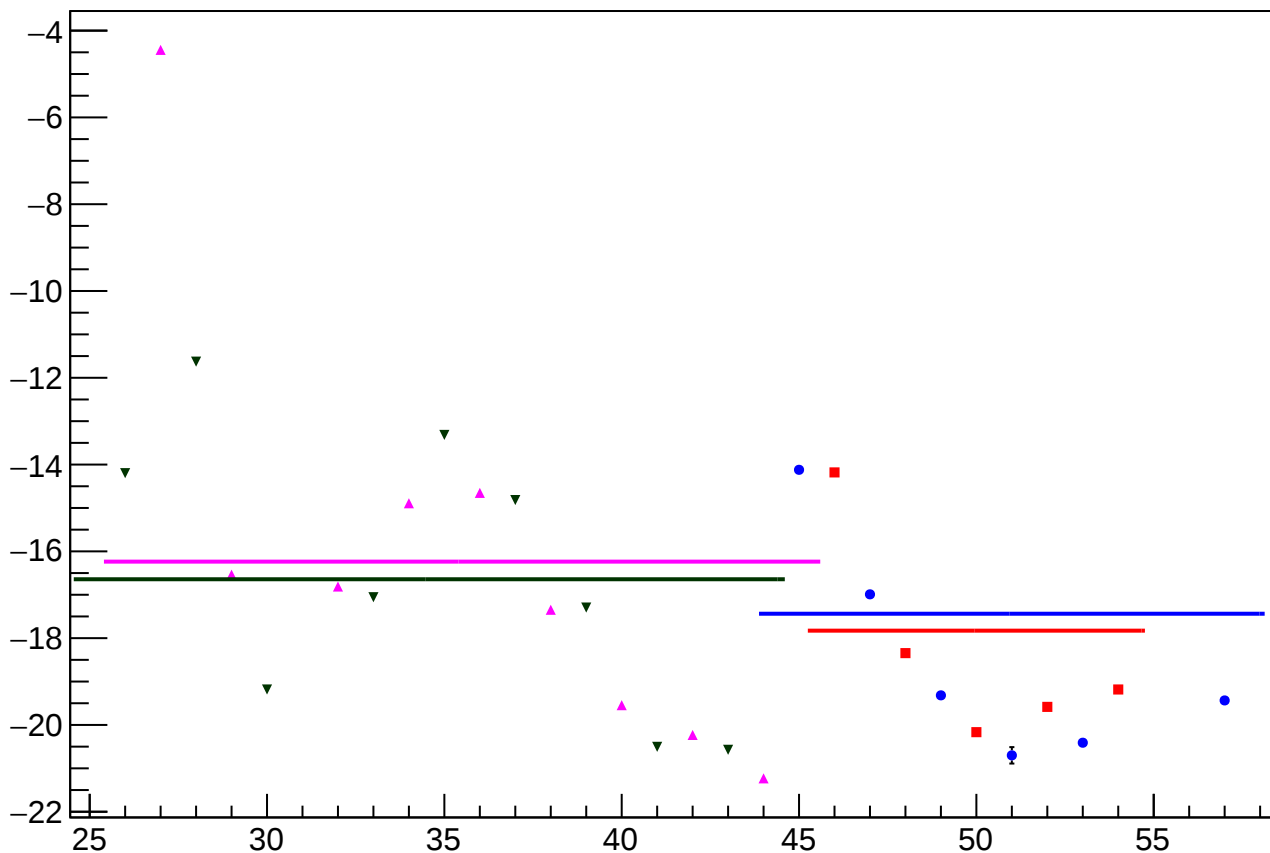
Right Out: 6.198 $\pm$ 0.114 χ^2 /NDF: 328.8/4

Left In: 5.803 $\pm$ 0.067 χ^2 /NDF: 343.0/8

5.058 $\pm$ 0.062 χ^2 /NDF: 1621.6/14

5.905 $\pm$ 0.058 χ^2 /NDF: 680.8/13

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -17.437 ± 0.023 χ^2/NDF : 10612.5/5

Left Out: -16.643 ± 0.018 χ^2/NDF : 32975.5/8

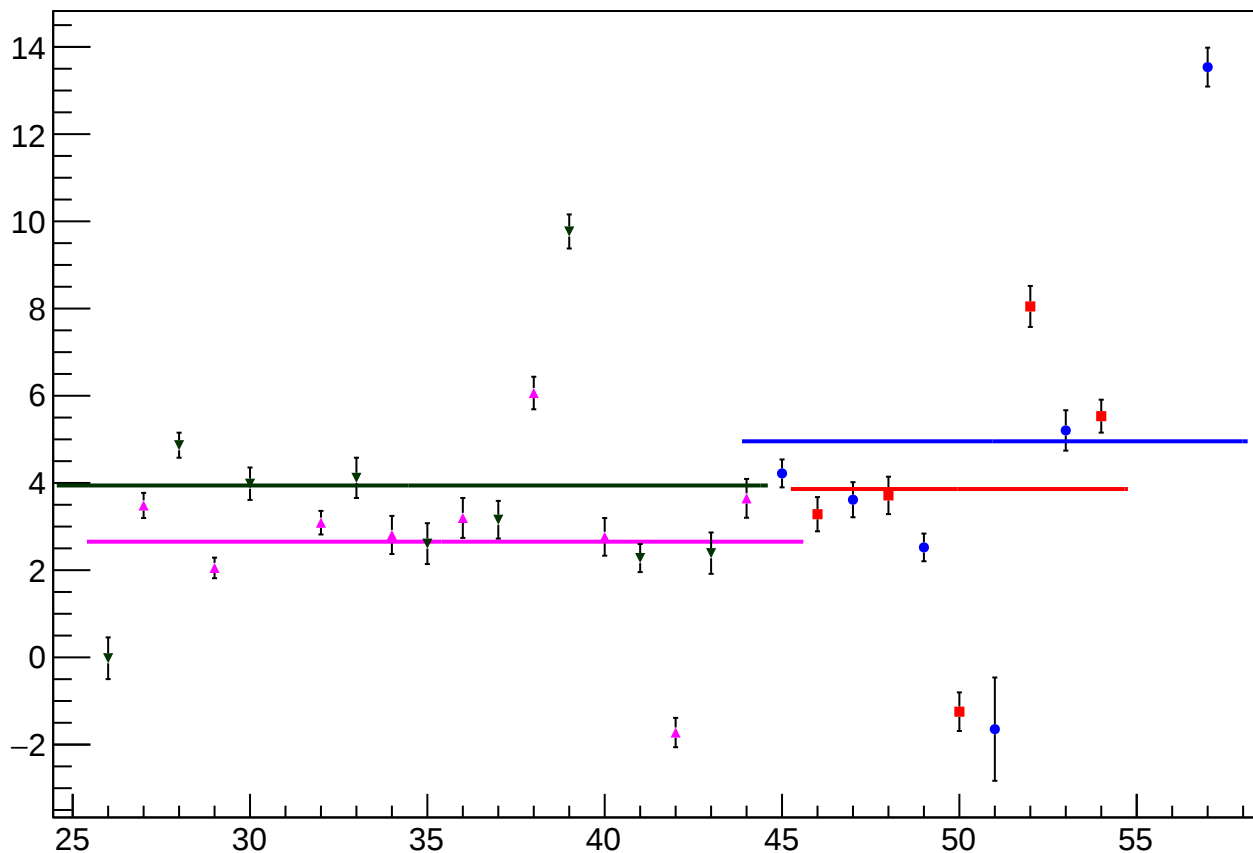
Right Out: -17.827 ± 0.026 χ^2/NDF : 7969.1/4

Left In: -16.237 ± 0.016 χ^2/NDF : 73670.4/8

-16.932 ± 0.014 χ^2/NDF : 44319.7/14

-16.657 ± 0.013 χ^2/NDF : 84408.5/13

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 4.955 ± 0.166 χ^2/NDF : 477.0/5

Left Out: 3.942 ± 0.130 χ^2/NDF : 350.2/8

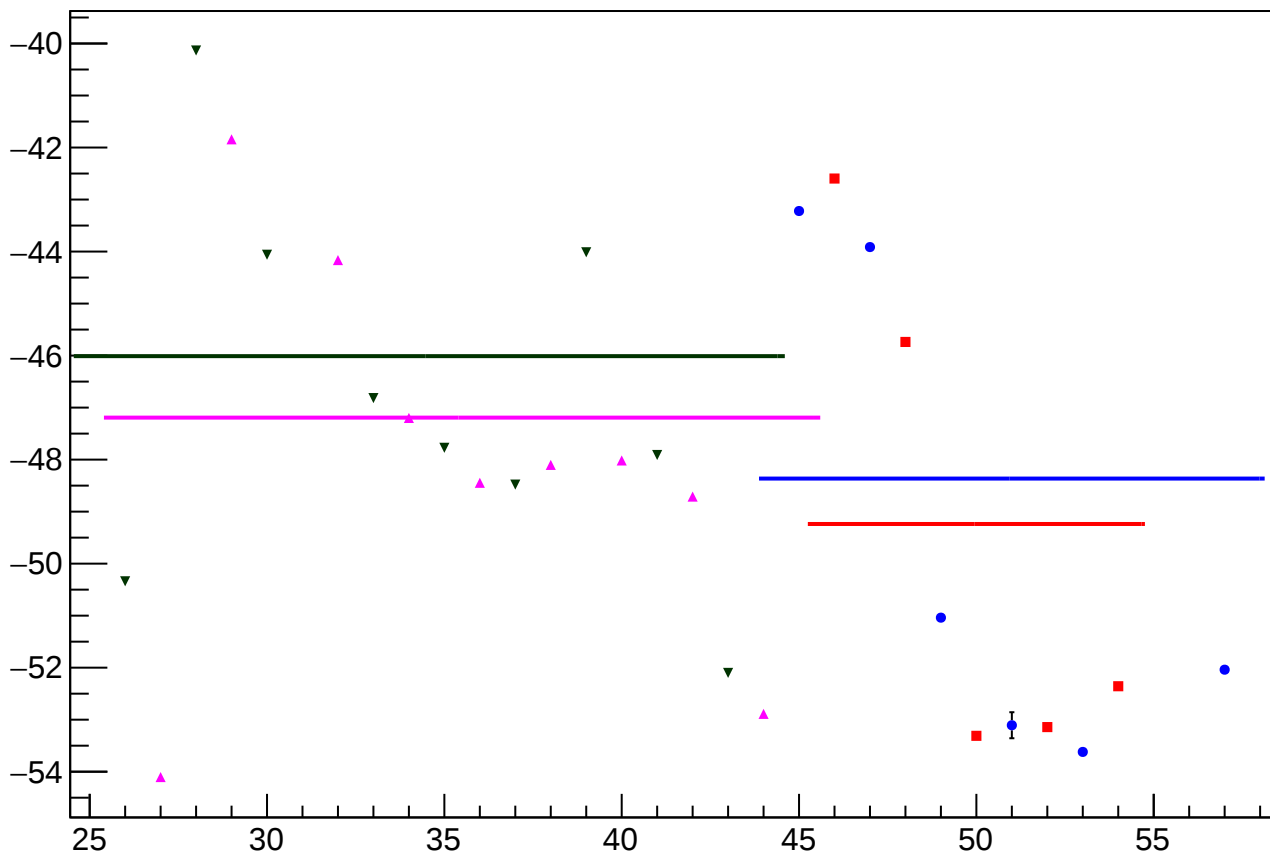
Right Out: 3.861 ± 0.187 χ^2/NDF : 234.5/4

Left In: 2.653 ± 0.112 χ^2/NDF : 276.7/8

4.328 ± 0.102 χ^2/NDF : 850.3/14

2.971 ± 0.096 χ^2/NDF : 541.9/13

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -48.364 $\pm$ 0.032 χ^2 /NDF: 17533.8/5

Left Out: -46.011 $\pm$ 0.024 χ^2 /NDF: 23317.4/8

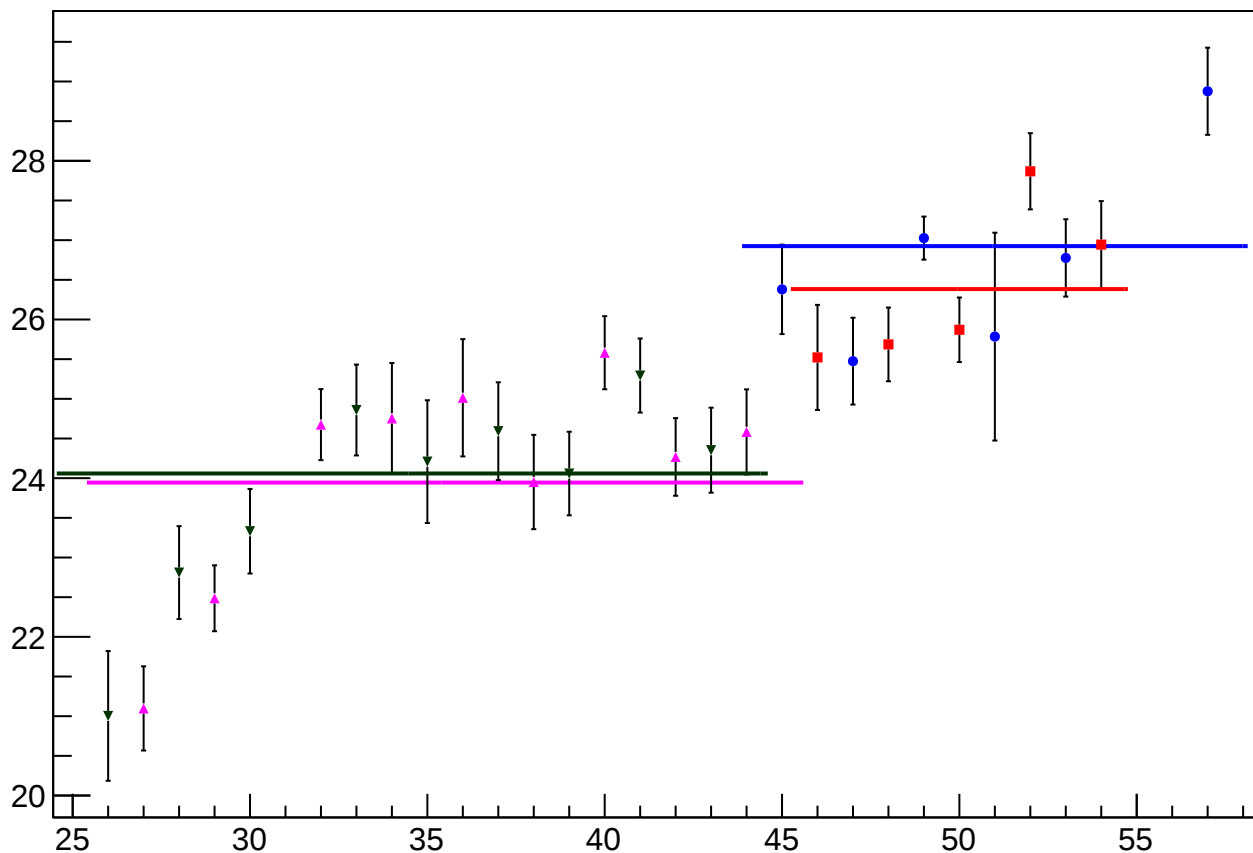
Right Out: -49.238 $\pm$ 0.036 χ^2 /NDF: 15597.2/4

Left In: -47.193 $\pm$ 0.023 χ^2 /NDF: 27380.9/8

-46.852 $\pm$ 0.019 χ^2 /NDF: 44270.3/14

-47.800 $\pm$ 0.020 χ^2 /NDF: 45248.4/13

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 26.925 $\pm$ 0.188 χ^2 /NDF: 21.6/5

Left Out: 24.059 $\pm$ 0.193 χ^2 /NDF:30.4/8

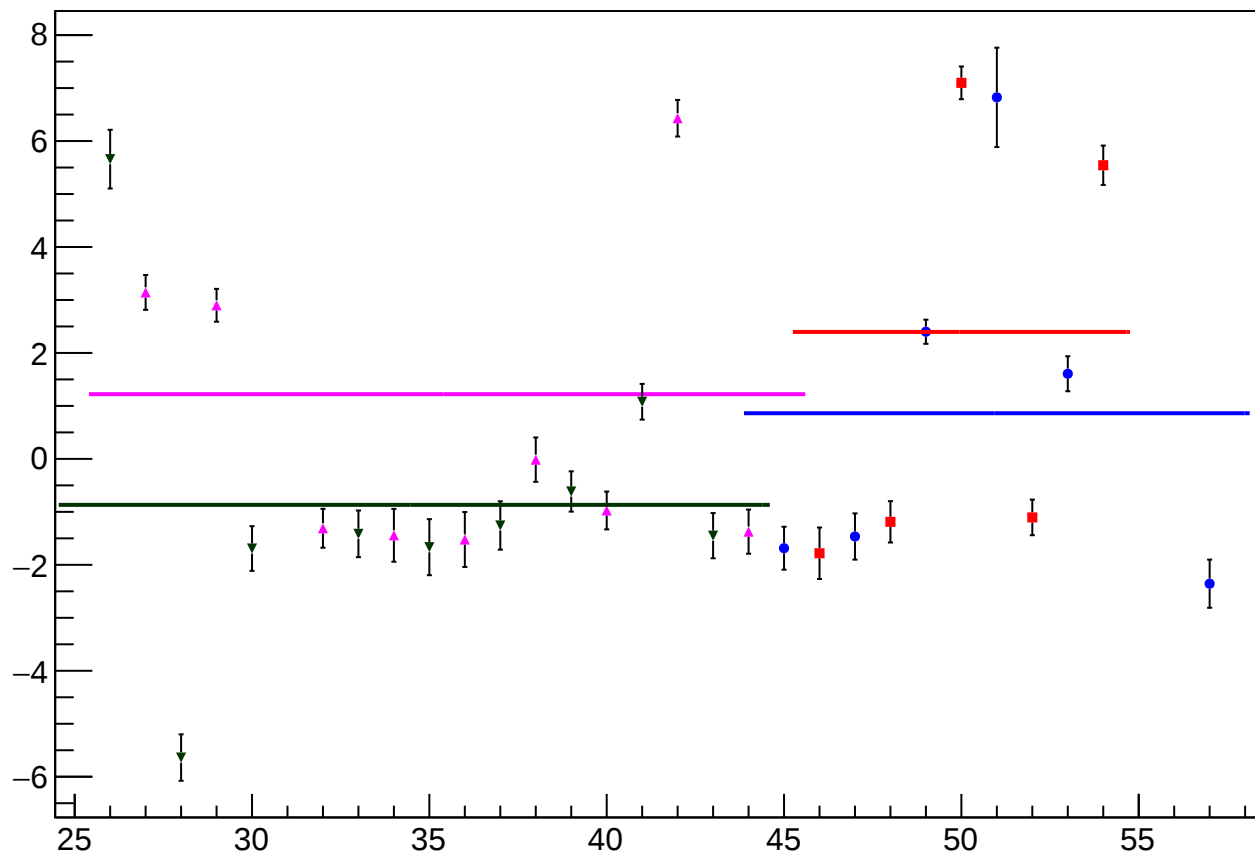
Right Out: 26.383 $\pm$ 0.220 χ^2 /NDF: 16.1/4

Left In: 23.945 $\pm$ 0.173 χ^2 /NDF:61.7/8

25.524 $\pm$ 0.135 χ^2 /NDF: 165.2/14

24.875 $\pm$ 0.136 χ^2 /NDF: 153.6/13

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: 0.862 ± 0.148 χ^2/NDF : 209.1/5

Left Out: -0.868 ± 0.143 χ^2/NDF : 300.9/8

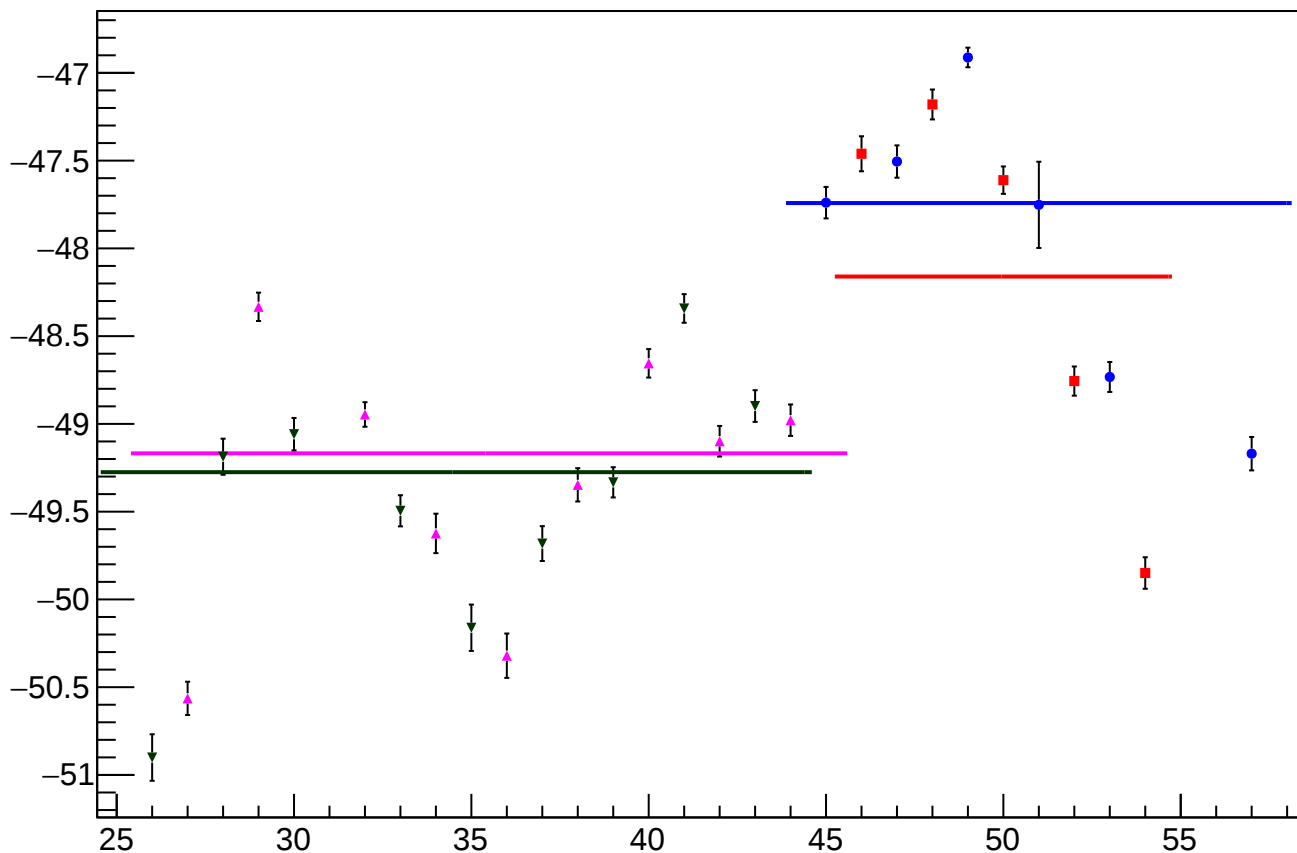
Right Out: 2.397 ± 0.164 χ^2/NDF : 570.7/4

Left In: 1.222 ± 0.126 χ^2/NDF : 480.3/8

-0.031 ± 0.103 χ^2/NDF : 580.8/14

1.662 ± 0.100 χ^2/NDF : 1083.3/13

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -47.742 ± 0.035 $\chi^2/\text{NDF}: 587.3/5$

Left Out: -49.275 ± 0.032 $\chi^2/\text{NDF}: 373.5/8$

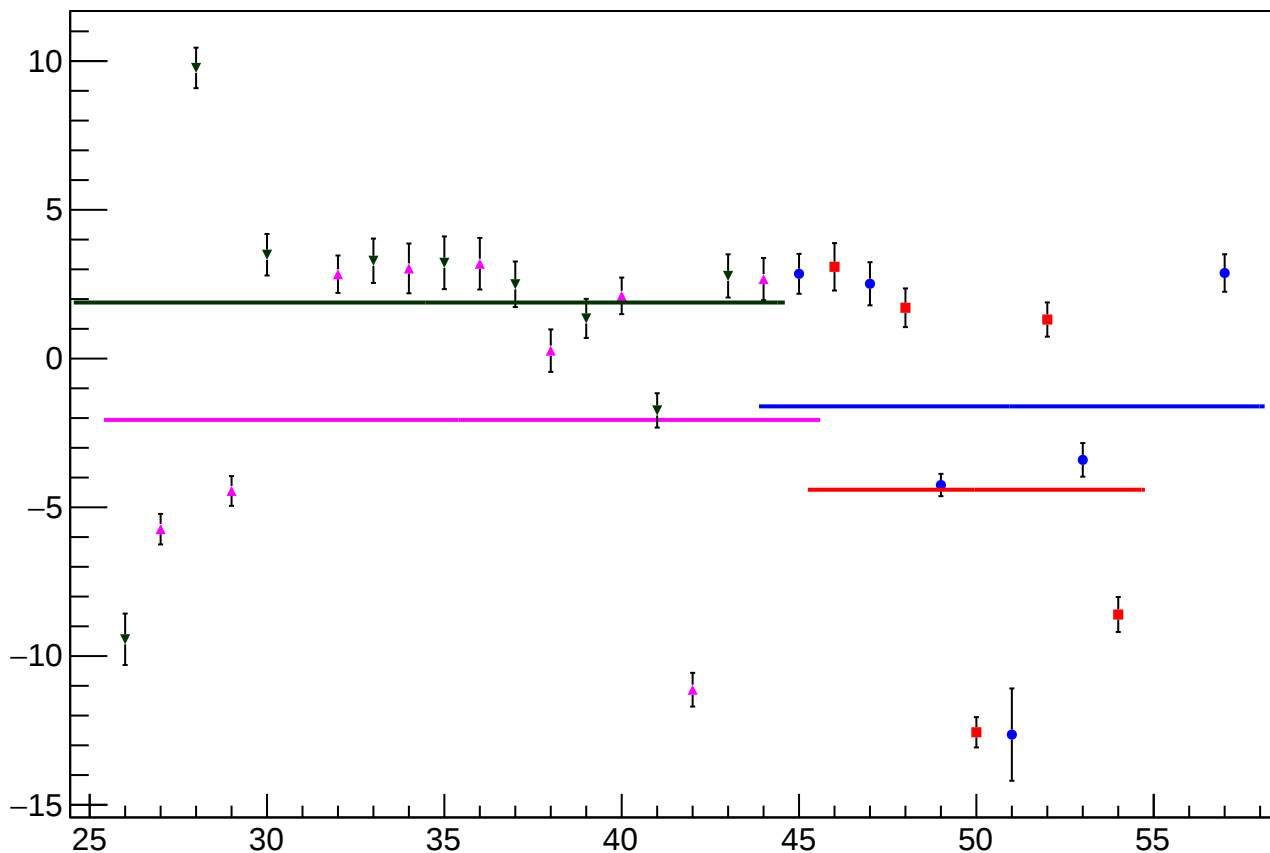
Right Out: -48.160 ± 0.039 $\chi^2/\text{NDF}: 635.9/4$

Left In: -49.168 ± 0.030 $\chi^2/\text{NDF}: 481.7/8$

-48.566 ± 0.024 $\chi^2/\text{NDF}: 2007.3/14$

-48.792 ± 0.024 $\chi^2/\text{NDF}: 1544.6/13$

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: -1.606 ± 0.240 $\chi^2/\text{NDF}: 237.4/5$

Left Out: 1.884 ± 0.239 $\chi^2/\text{NDF}: 359.4/8$

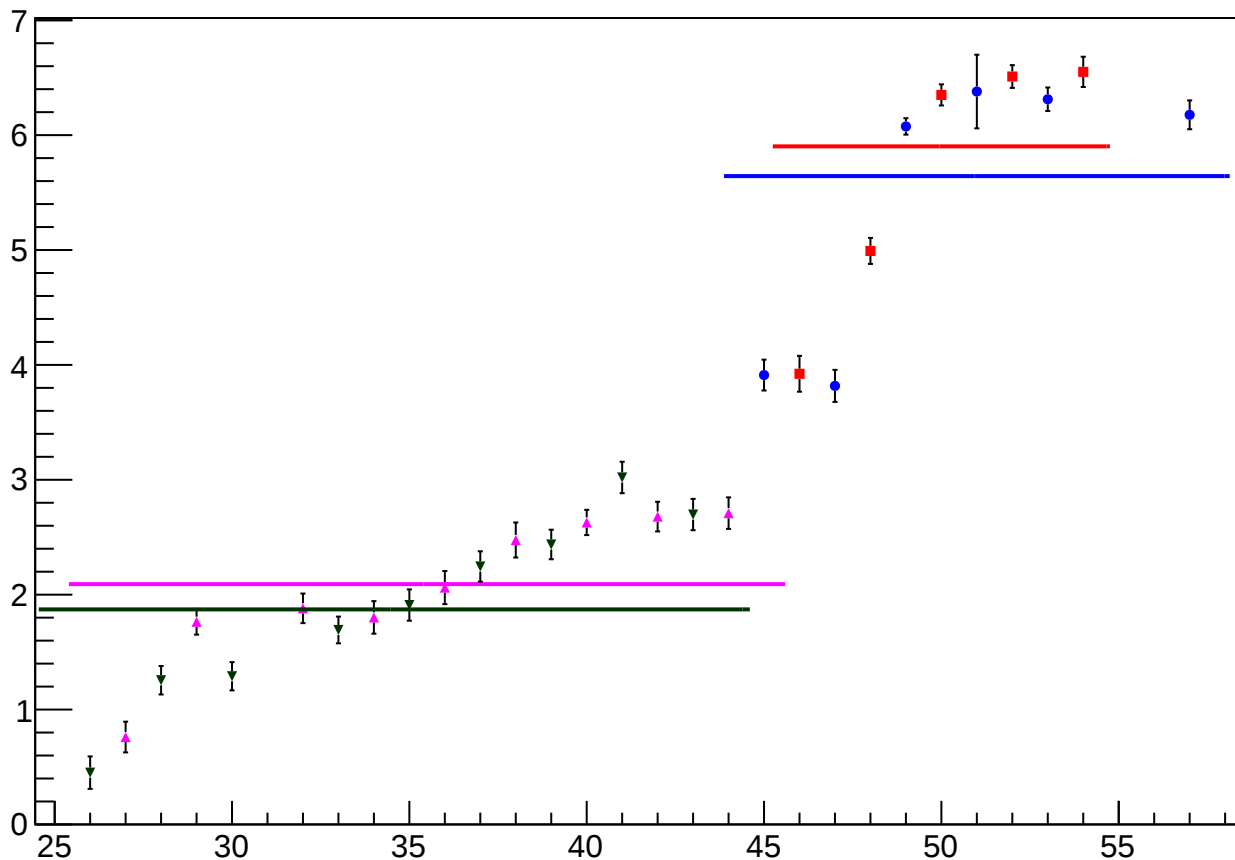
Right Out: -4.409 ± 0.270 $\chi^2/\text{NDF}: 583.3/4$

Left In: -2.062 ± 0.209 $\chi^2/\text{NDF}: 565.9/8$

0.152 ± 0.169 $\chi^2/\text{NDF}: 703.0/14$

-2.944 ± 0.166 $\chi^2/\text{NDF}: 1196.3/13$

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 5.643 $\pm$ 0.046 χ^2 /NDF: 440.1/5

Left Out: 1.872 $\pm$ 0.043 χ^2 /NDF:285.3/8

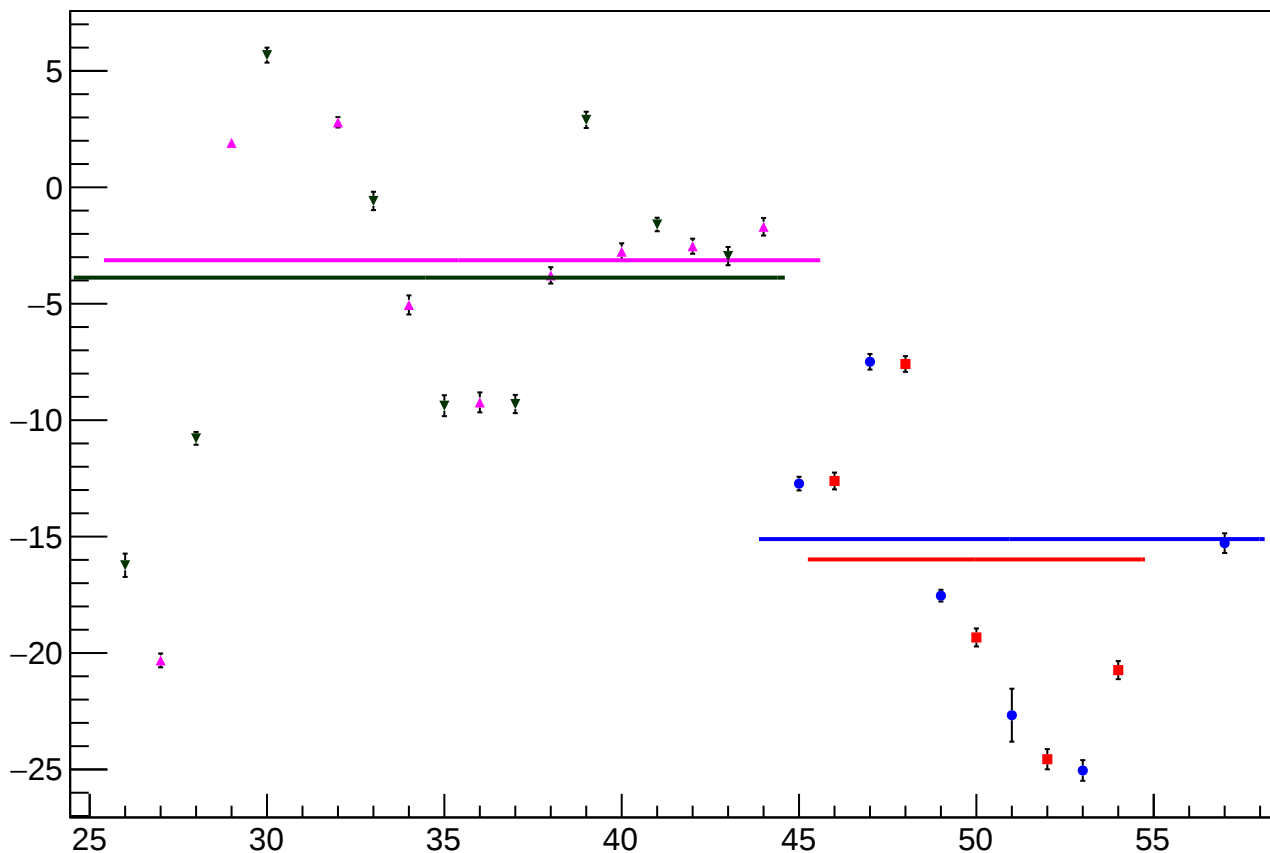
Right Out: 5.902 $\pm$ 0.050 χ^2 /NDF: 311.3/4

Left In: 2.092 $\pm$ 0.043 χ^2 /NDF:185.6/8

3.640 $\pm$ 0.032 χ^2 /NDF: 4287.8/14

3.719 $\pm$ 0.033 χ^2 /NDF: 3800.2/13

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -15.107 ± 0.145 $\chi^2/\text{NDF}: 1219.9/5$

Left Out: -3.879 ± 0.119 $\chi^2/\text{NDF}: 2969.1/8$

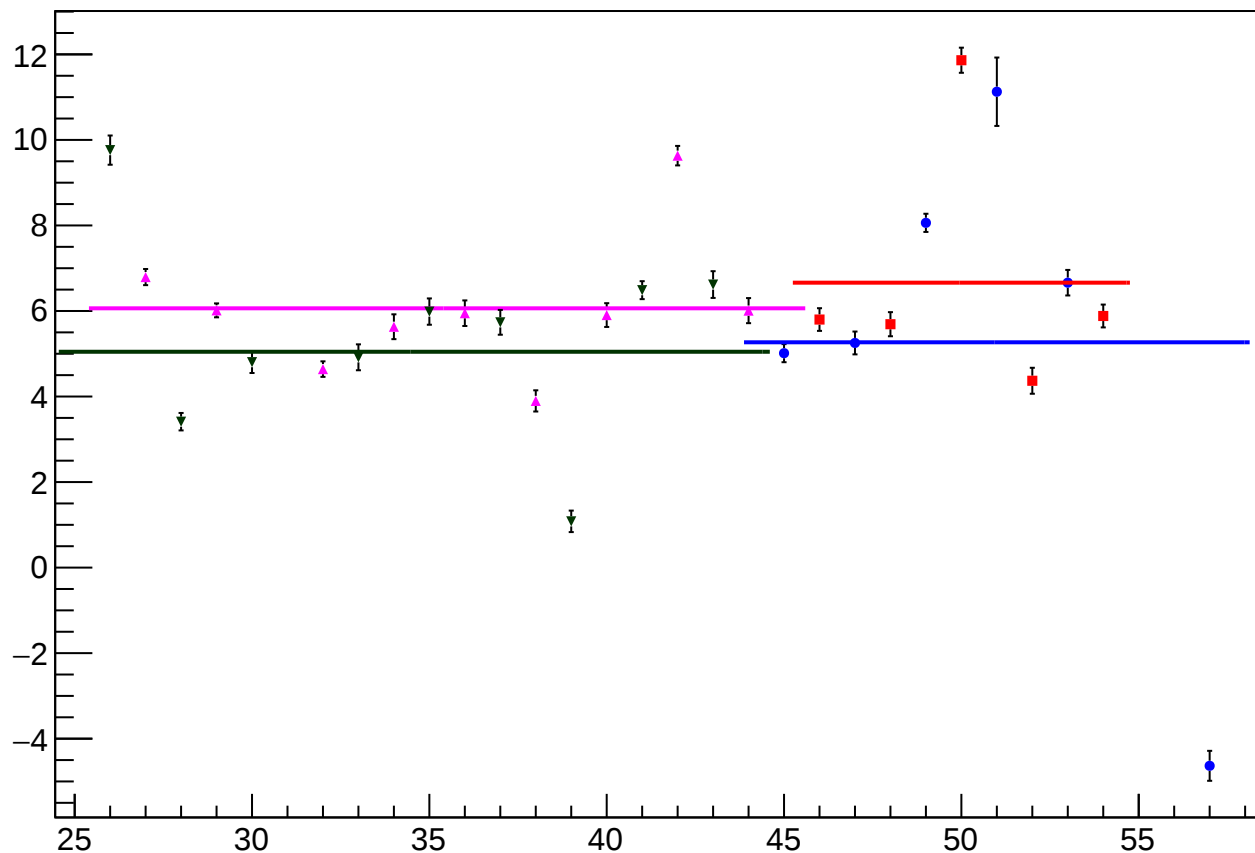
Right Out: -15.981 ± 0.169 $\chi^2/\text{NDF}: 1319.6/4$

Left In: -3.132 ± 0.102 $\chi^2/\text{NDF}: 4858.7/8$

-8.378 ± 0.092 $\chi^2/\text{NDF}: 7783.9/14$

-6.552 ± 0.087 $\chi^2/\text{NDF}: 10423.9/13$

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.268 ± 0.112 χ^2/NDF : 1049.0/5

Left Out: 5.047 ± 0.088 χ^2/NDF : 592.2/8

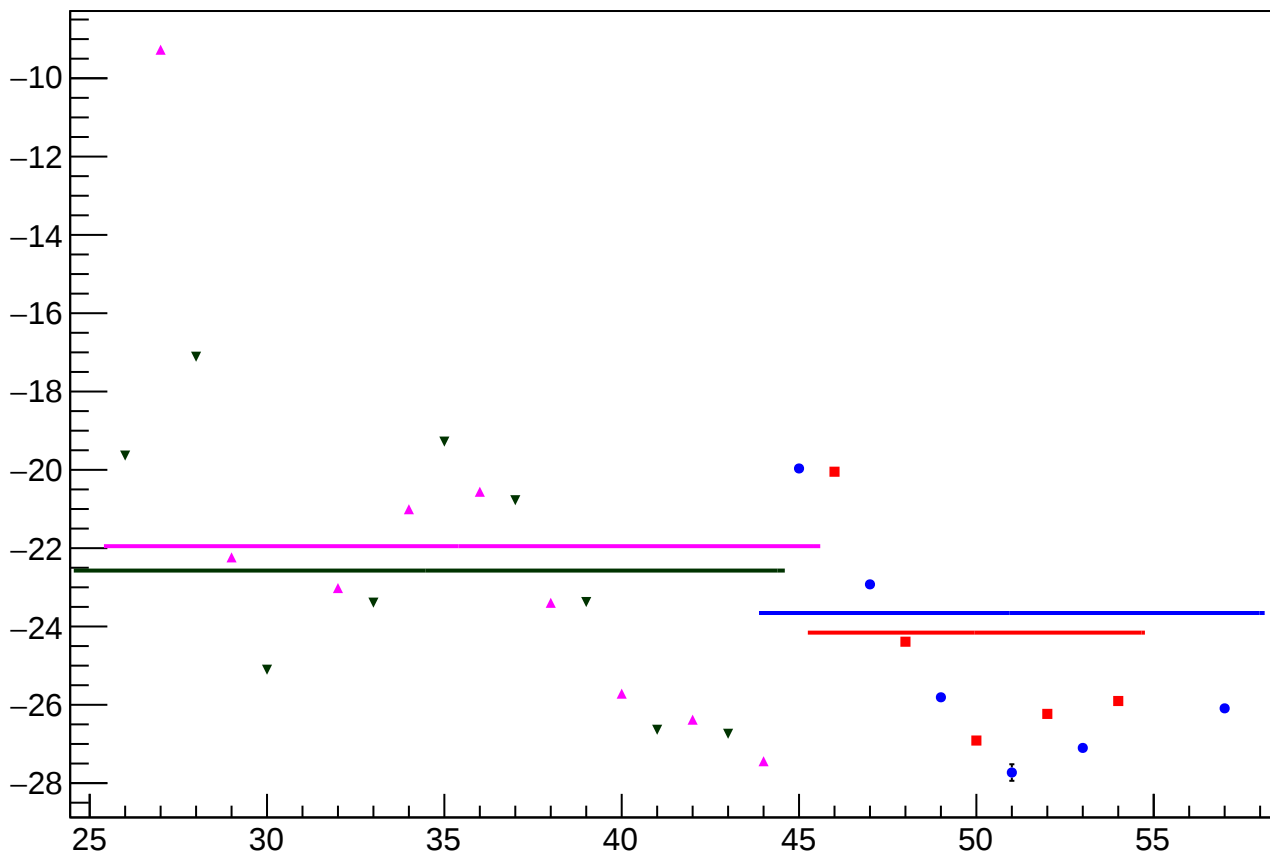
Right Out: 6.662 ± 0.126 χ^2/NDF : 401.6/4

Left In: 6.062 ± 0.075 χ^2/NDF : 400.5/8

5.131 ± 0.069 χ^2/NDF : 1643.6/14

6.219 ± 0.064 χ^2/NDF : 818.9/13

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -23.656 $\pm$ 0.026 χ^2 /NDF: 11520.5/5

Left Out: -22.572 $\pm$ 0.020 χ^2 /NDF: 29848.4/8

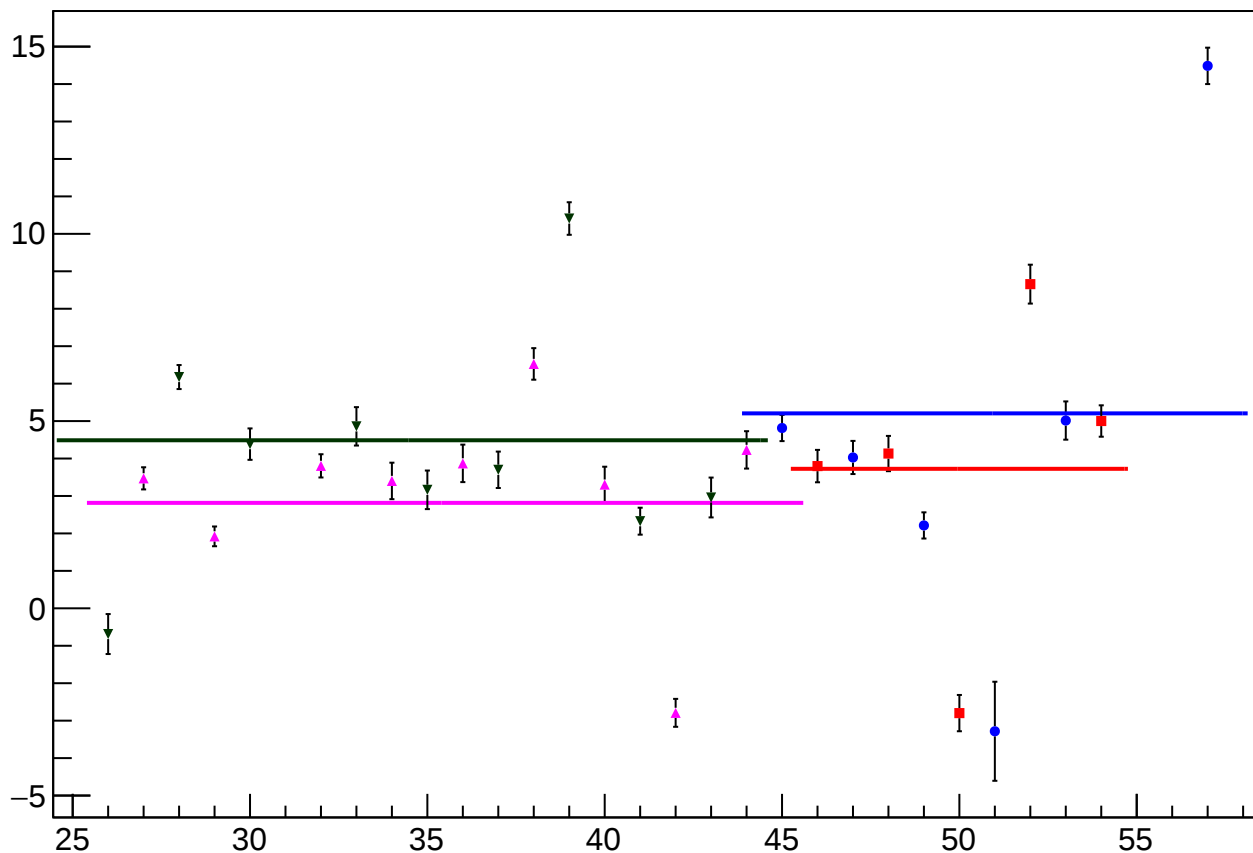
Right Out: -24.157 $\pm$ 0.029 χ^2 /NDF: 8590.4/4

Left In: -21.949 $\pm$ 0.017 χ^2 /NDF: 78862.5/8

-22.977 $\pm$ 0.016 χ^2 /NDF: 42481.4/14

-22.542 $\pm$ 0.015 χ^2 /NDF: 91800.7/13

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 5.206 $\pm$ 0.182 χ^2 /NDF: 487.5/5

Left Out: 4.488 $\pm$ 0.145 χ^2 /NDF: 361.4/8

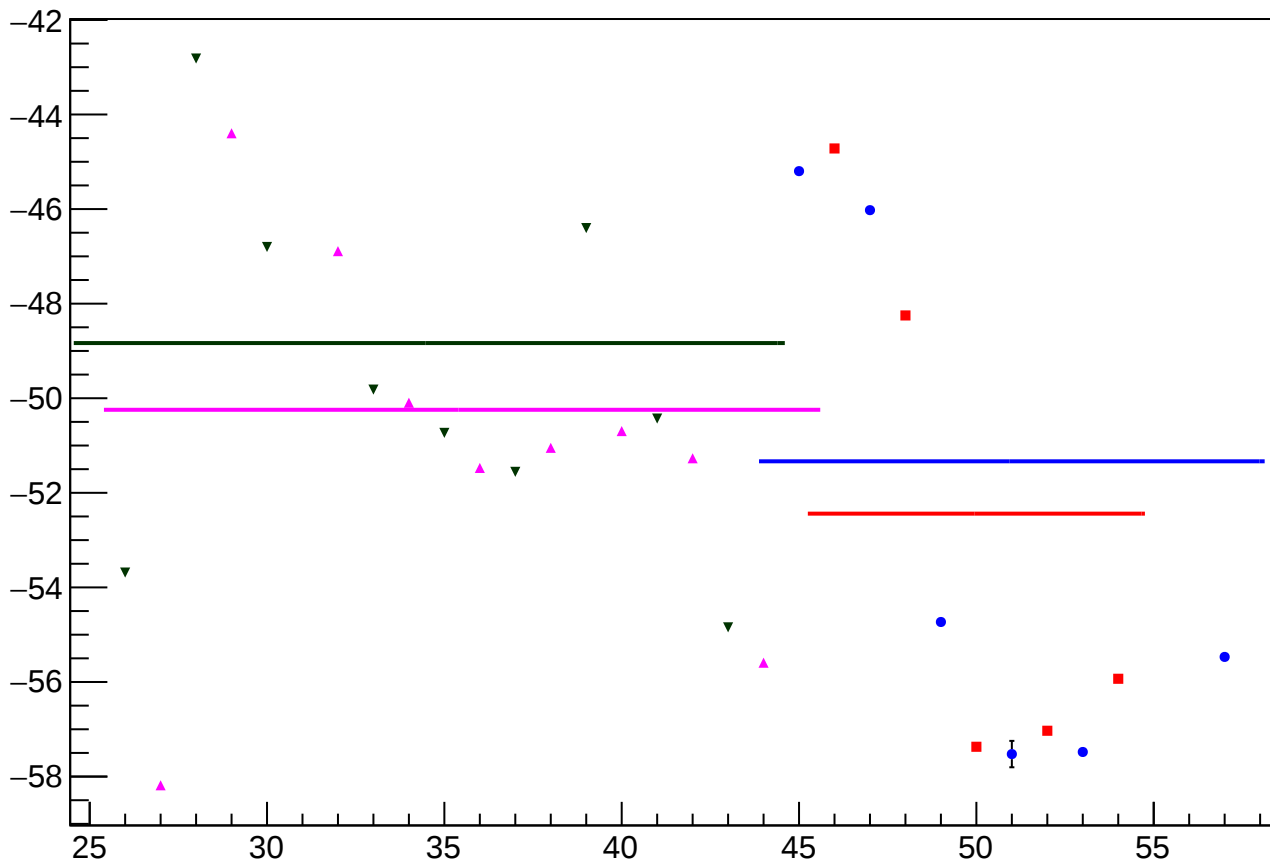
Right Out: 3.725 $\pm$ 0.206 χ^2 /NDF: 281.5/4

Left In: 2.816 $\pm$ 0.123 χ^2 /NDF: 345.0/8

4.767 $\pm$ 0.114 χ^2 /NDF: 858.4/14

3.056 $\pm$ 0.106 χ^2 /NDF: 640.8/13

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -51.334 ± 0.035 $\chi^2/\text{NDF}: 20699.3/5$

Left Out: -48.833 ± 0.027 $\chi^2/\text{NDF}: 20149.2/8$

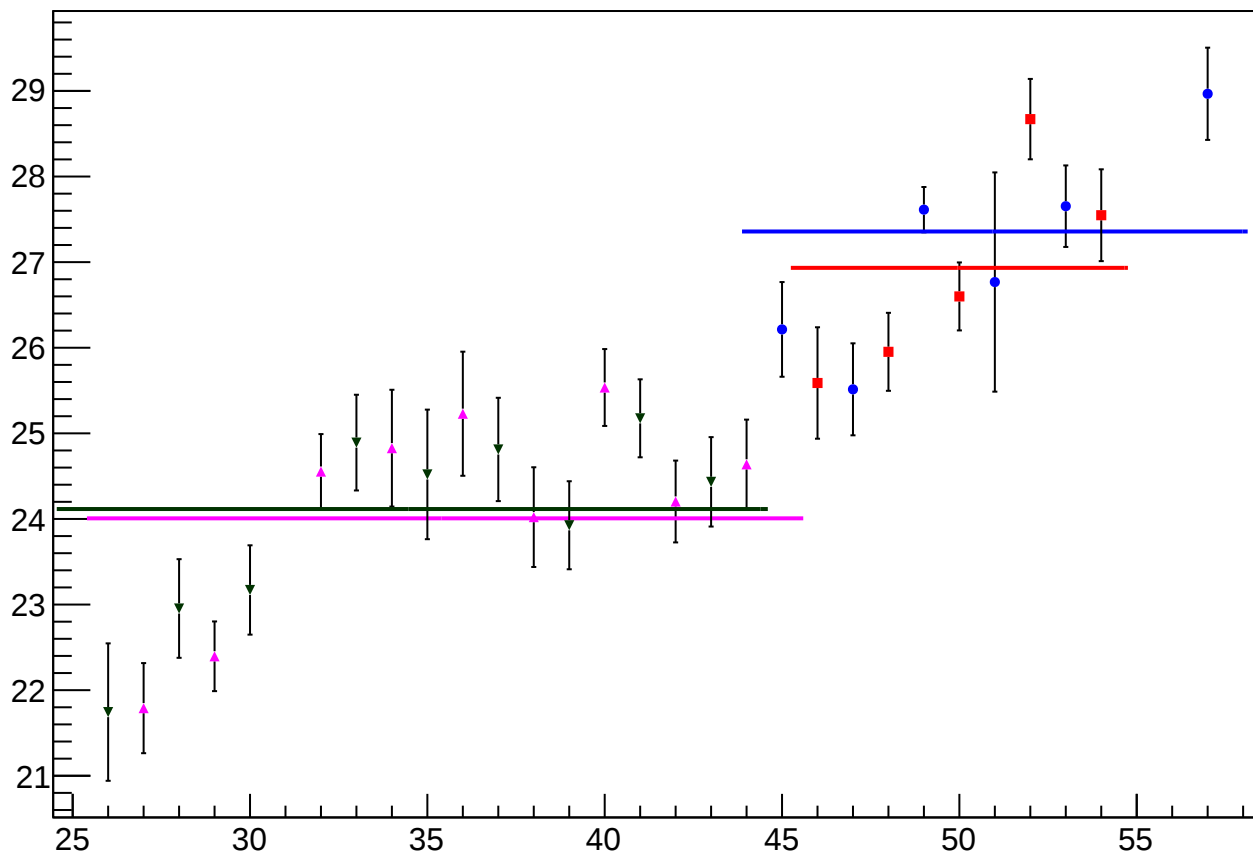
Right Out: -52.440 ± 0.040 $\chi^2/\text{NDF}: 17687.0/4$

Left In: -50.244 ± 0.026 $\chi^2/\text{NDF}: 27249.9/8$

-49.745 ± 0.021 $\chi^2/\text{NDF}: 44012.5/14$

-50.902 ± 0.022 $\chi^2/\text{NDF}: 47086.1/13$

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 27.358 $\pm$ 0.184 χ^2/NDF : 26.5/5

Left Out: 24.116 $\pm$ 0.188 χ^2/NDF : 25.5/8

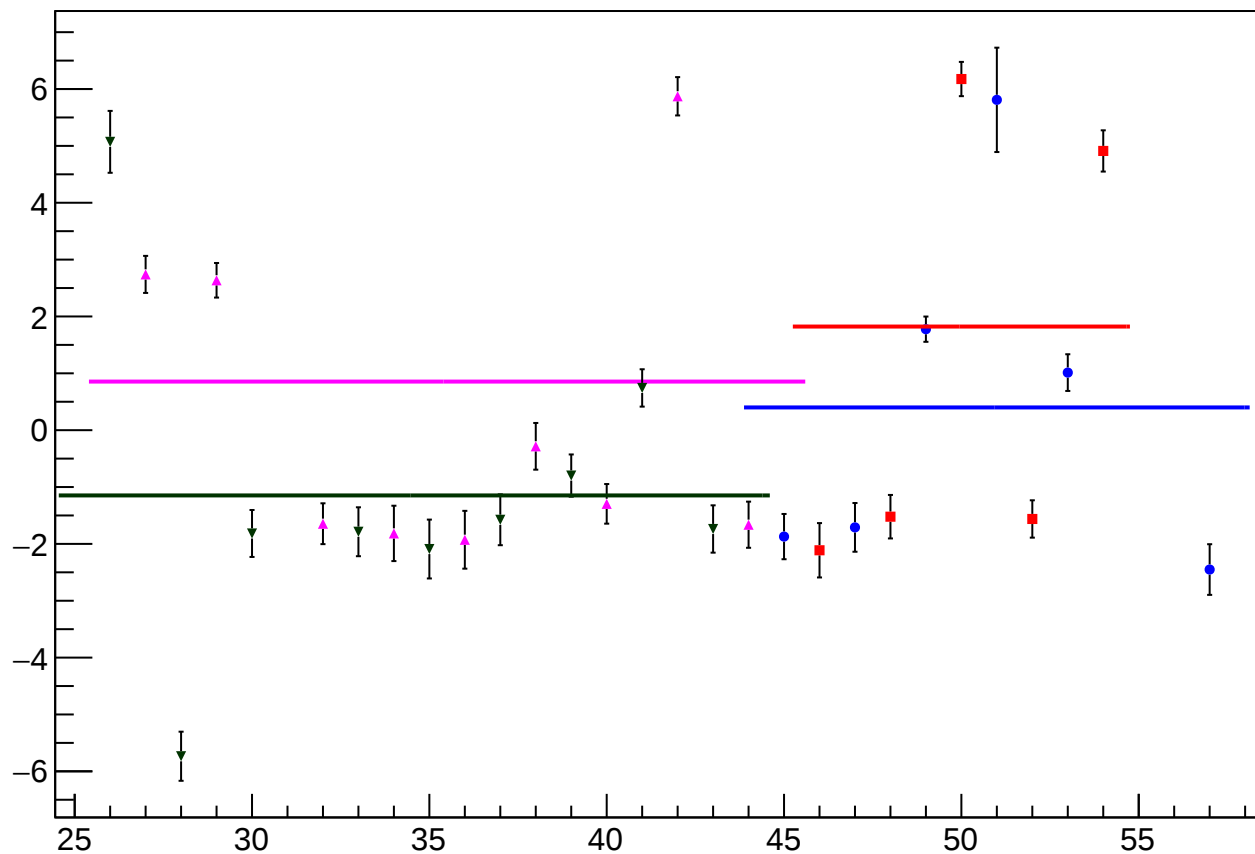
Right Out: 26.933 $\pm$ 0.215 χ^2/NDF : 24.6/4

Left In: 24.007 $\pm$ 0.169 χ^2/NDF : 52.5/8

25.773 $\pm$ 0.132 χ^2/NDF : 203.5/14

25.125 $\pm$ 0.133 χ^2/NDF : 191.1/13

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.400 ± 0.145 $\chi^2/\text{NDF}: 174.5/5$

Left Out: -1.148 ± 0.140 $\chi^2/\text{NDF}: 288.4/8$

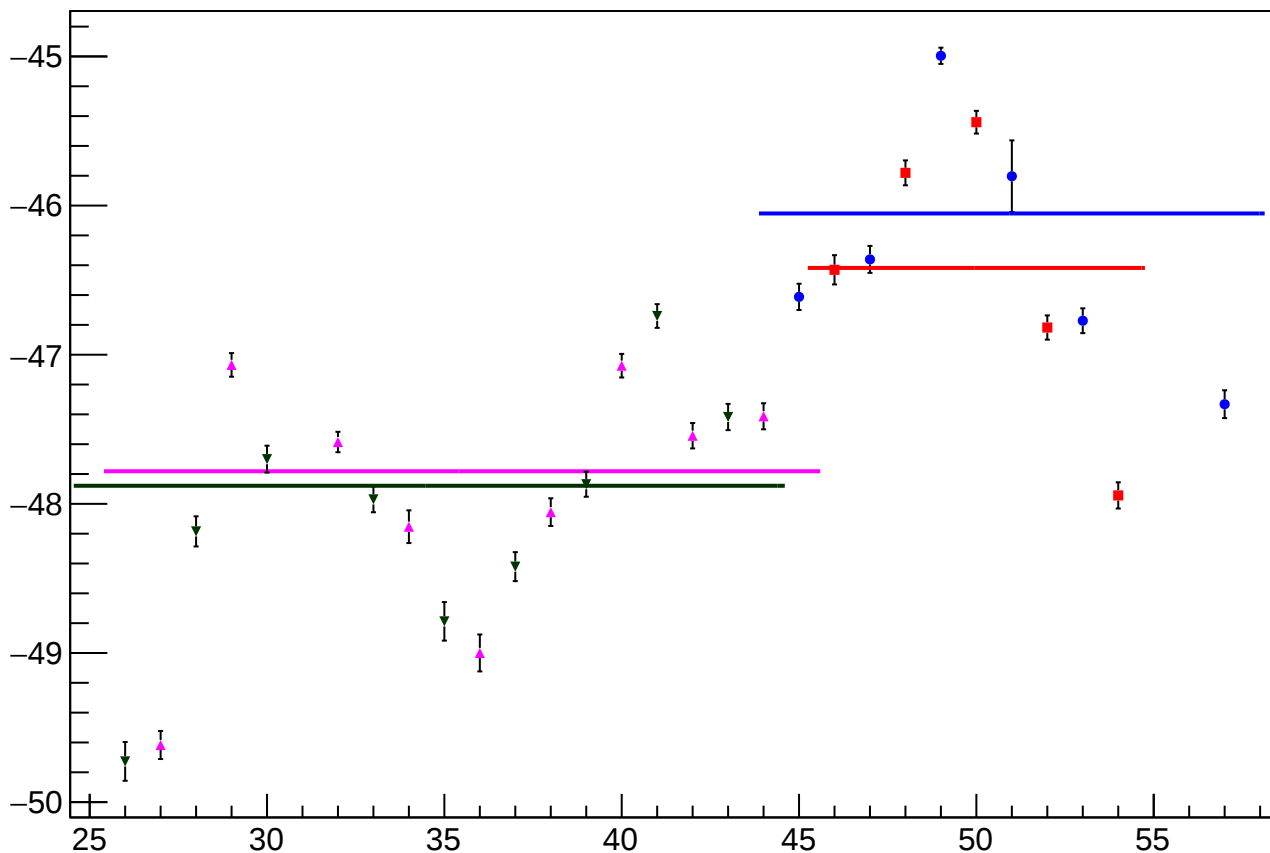
Right Out: 1.823 ± 0.160 $\chi^2/\text{NDF}: 531.6/4$

Left In: 0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-0.399 ± 0.101 $\chi^2/\text{NDF}: 522.1/14$

1.218 ± 0.098 $\chi^2/\text{NDF}: 1036.6/13$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -46.053 ± 0.034 χ^2/NDF : 691.8/5

Left Out: -47.879 ± 0.032 χ^2/NDF : 529.0/8

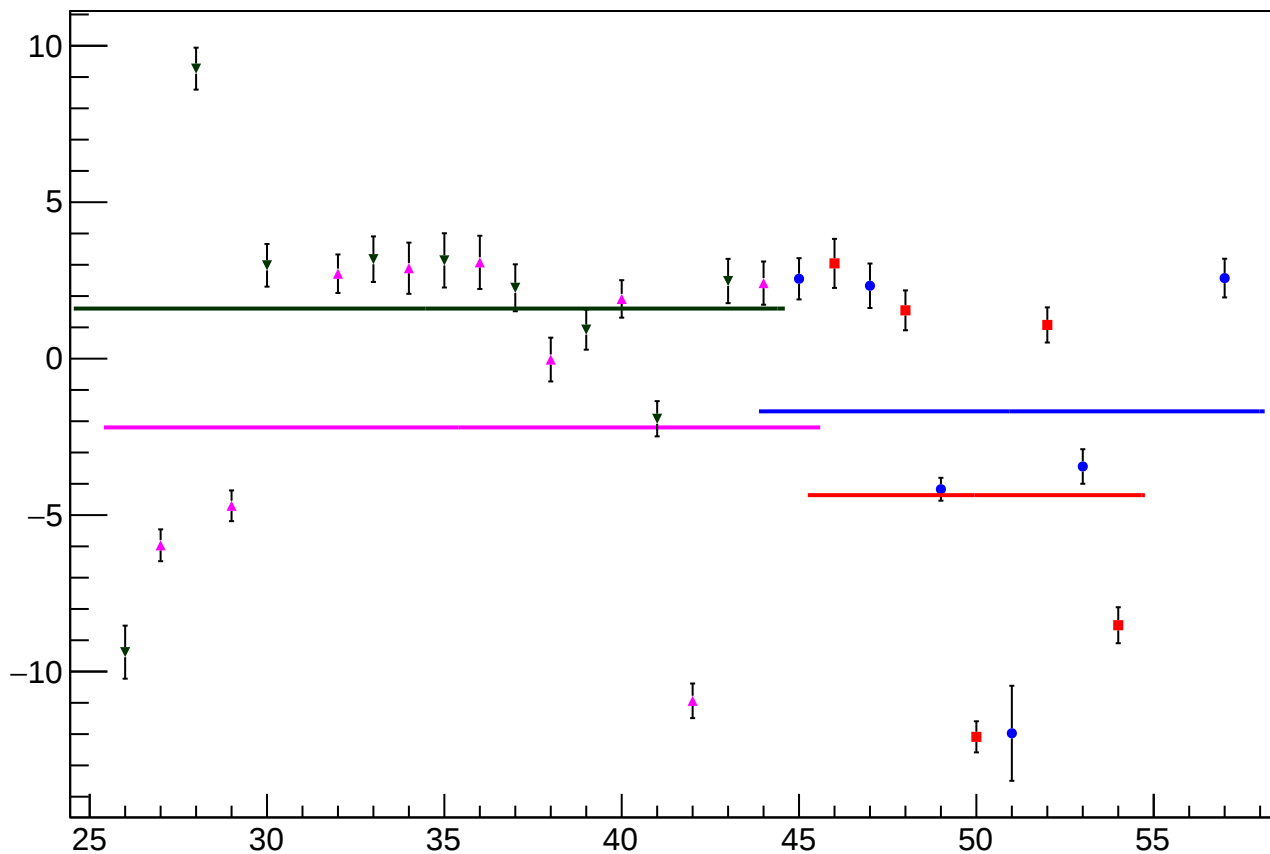
Right Out: -46.418 ± 0.038 χ^2/NDF : 548.4/4

Left In: -47.781 ± 0.029 χ^2/NDF : 692.9/8

-47.035 ± 0.023 χ^2/NDF : 2771.9/14

-47.273 ± 0.023 χ^2/NDF : 2058.1/13

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: -1.684 ± 0.235 $\chi^2/\text{NDF}: 223.0/5$

Left Out: 1.601 ± 0.233 $\chi^2/\text{NDF}: 353.2/8$

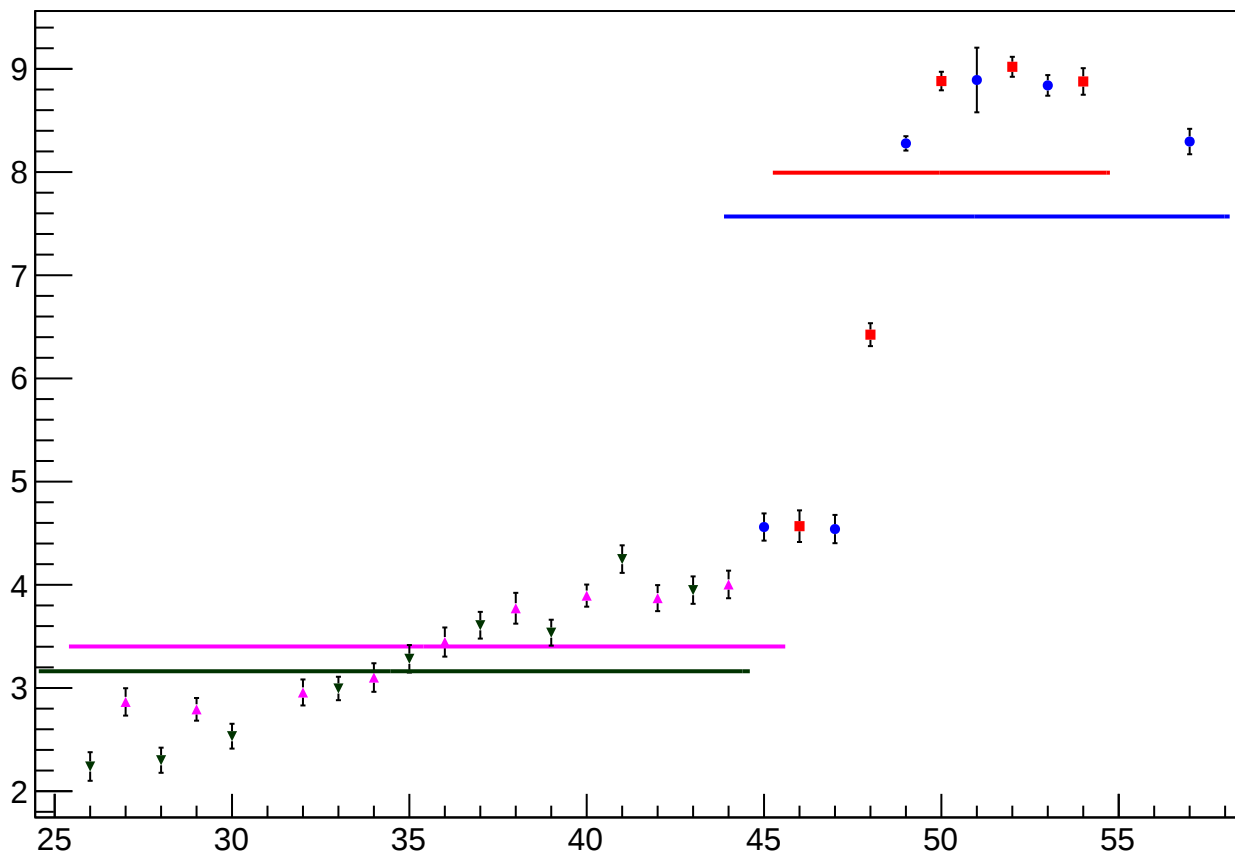
Right Out: -4.363 ± 0.264 $\chi^2/\text{NDF}: 562.8/4$

Left In: -2.198 ± 0.205 $\chi^2/\text{NDF}: 572.6/8$

-0.030 ± 0.166 $\chi^2/\text{NDF}: 674.5/14$

-3.013 ± 0.162 $\chi^2/\text{NDF}: 1177.3/13$

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 7.569 $\pm$ 0.045 χ^2 /NDF: 1327.2/5

Left Out: 3.162 $\pm$ 0.042 χ^2 /NDF: 246.8/8

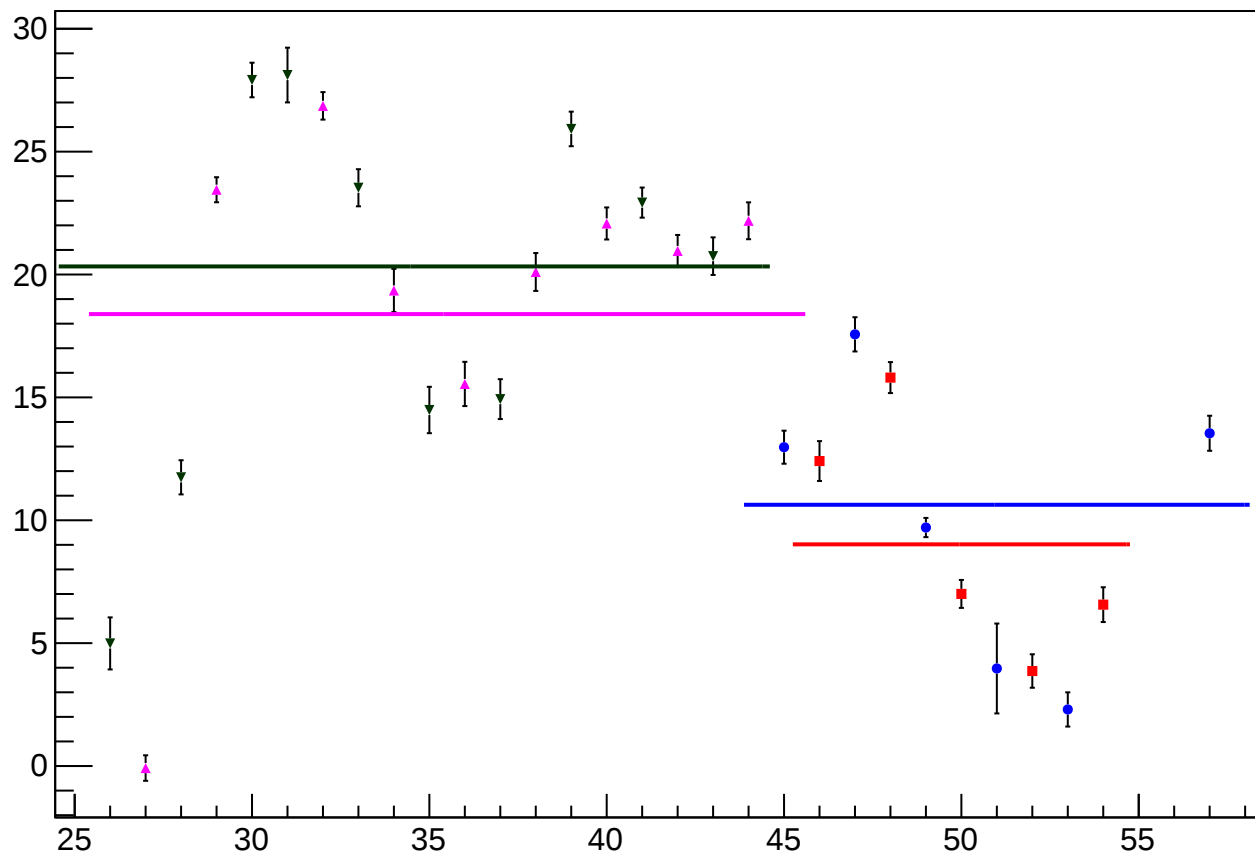
Right Out: 7.994 $\pm$ 0.049 χ^2 /NDF: 956.4/4

Left In: 3.402 $\pm$ 0.042 χ^2 /NDF: 125.8/8

5.229 $\pm$ 0.031 χ^2 /NDF: 6657.9/14

5.365 $\pm$ 0.032 χ^2 /NDF: 6090.2/13

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 10.631 $\pm$ 0.257 χ^2 /NDF: 289.8/5

Left Out: 20.329 $\pm$ 0.246 χ^2 /NDF: 709.7/9

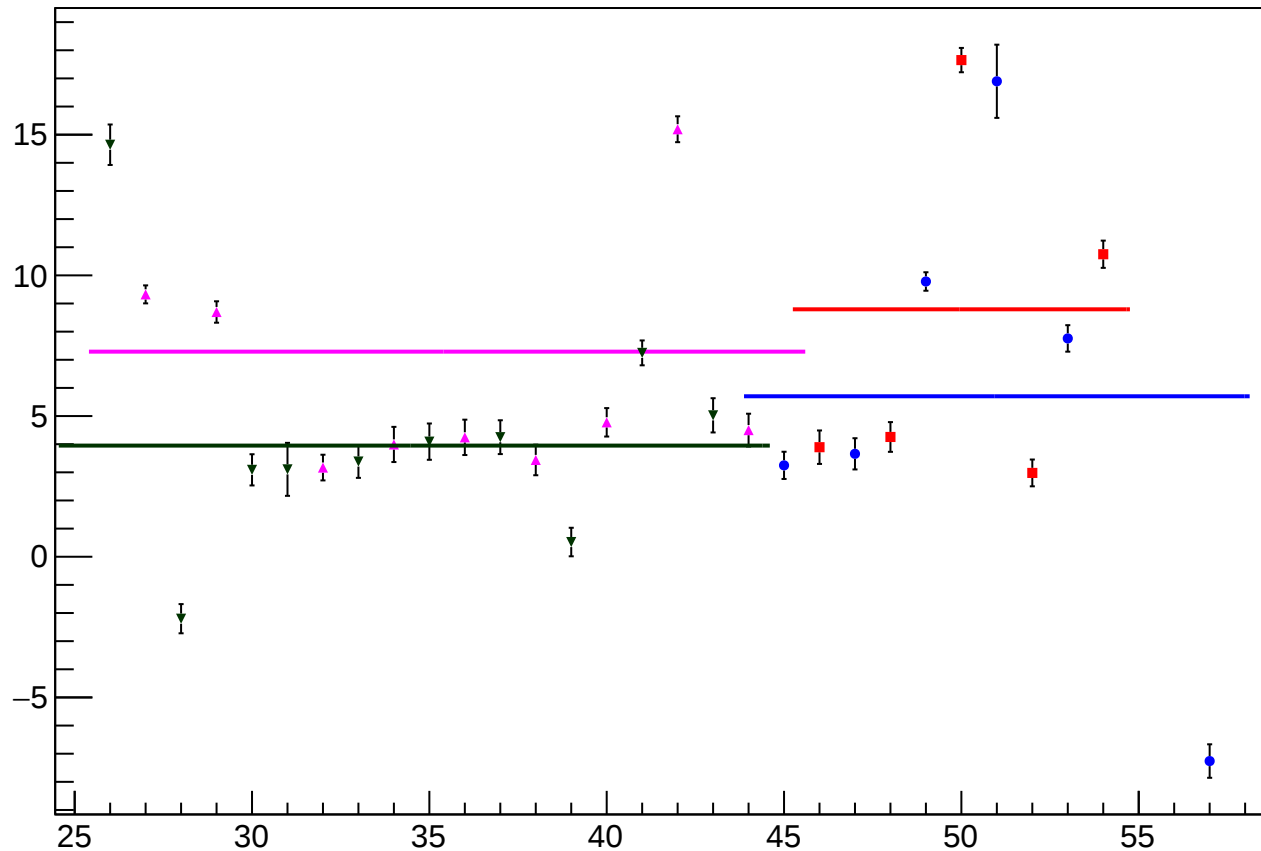
Right Out: 9.020 $\pm$ 0.298 χ^2 /NDF: 215.1/4

Left In: 18.390 $\pm$ 0.216 χ^2 /NDF: 1685.1/8

15.701 $\pm$ 0.178 χ^2 /NDF: 1743.9/15

15.162 $\pm$ 0.175 χ^2 /NDF: 2549.1/13

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 5.703 $\pm$ 0.201 χ^2 /NDF: 761.2/5

Left Out: 3.950 $\pm$ 0.183 χ^2 /NDF: 470.4/9

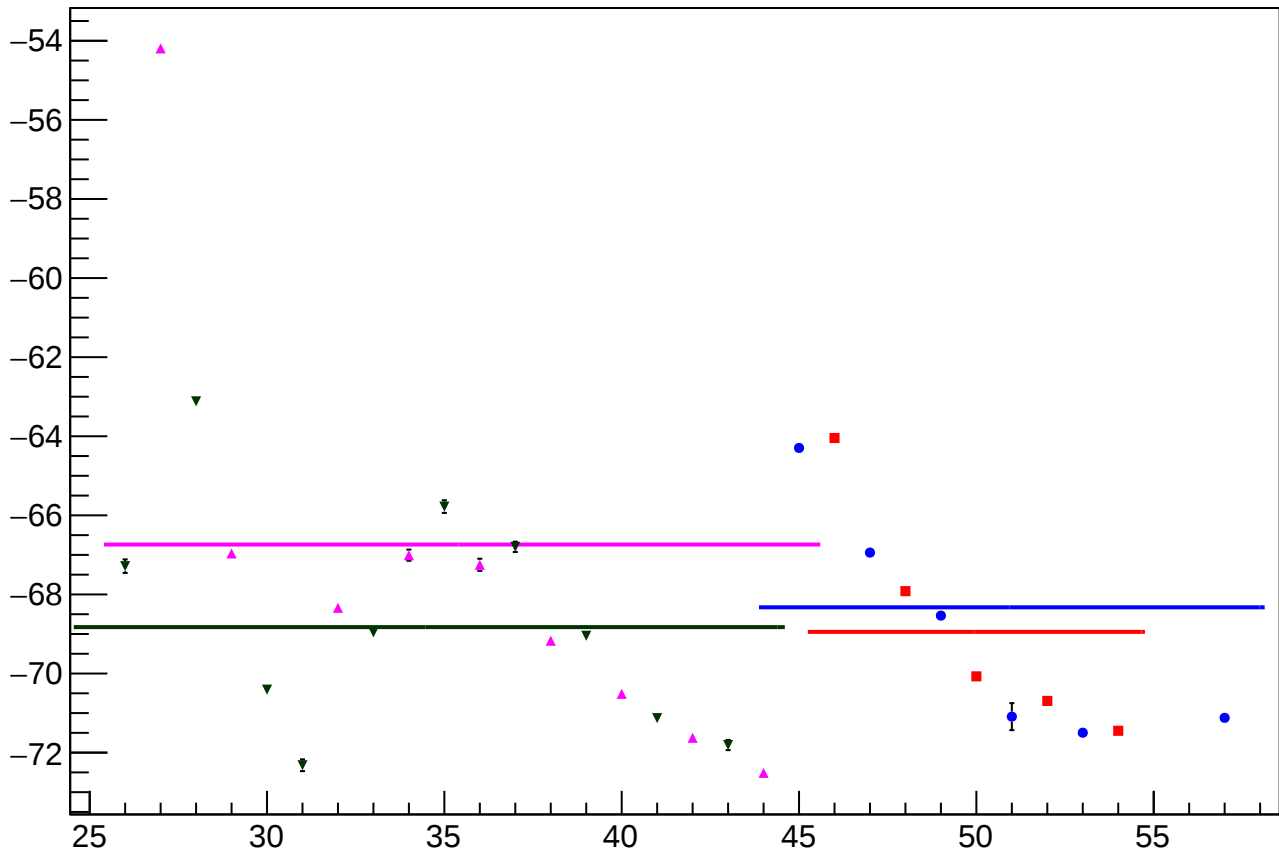
Right Out: 8.794 $\pm$ 0.221 χ^2 /NDF: 727.0/4

Left In: 7.289 $\pm$ 0.155 χ^2 /NDF: 579.9/8

4.744 $\pm$ 0.135 χ^2 /NDF: 1273.1/15

7.785 $\pm$ 0.127 χ^2 /NDF: 1337.9/13

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -68.326±/0.047 χ^2/NDF : 2812.1/5

Left Out: -68.826±/0.041 χ^2/NDF : 4587.0/9

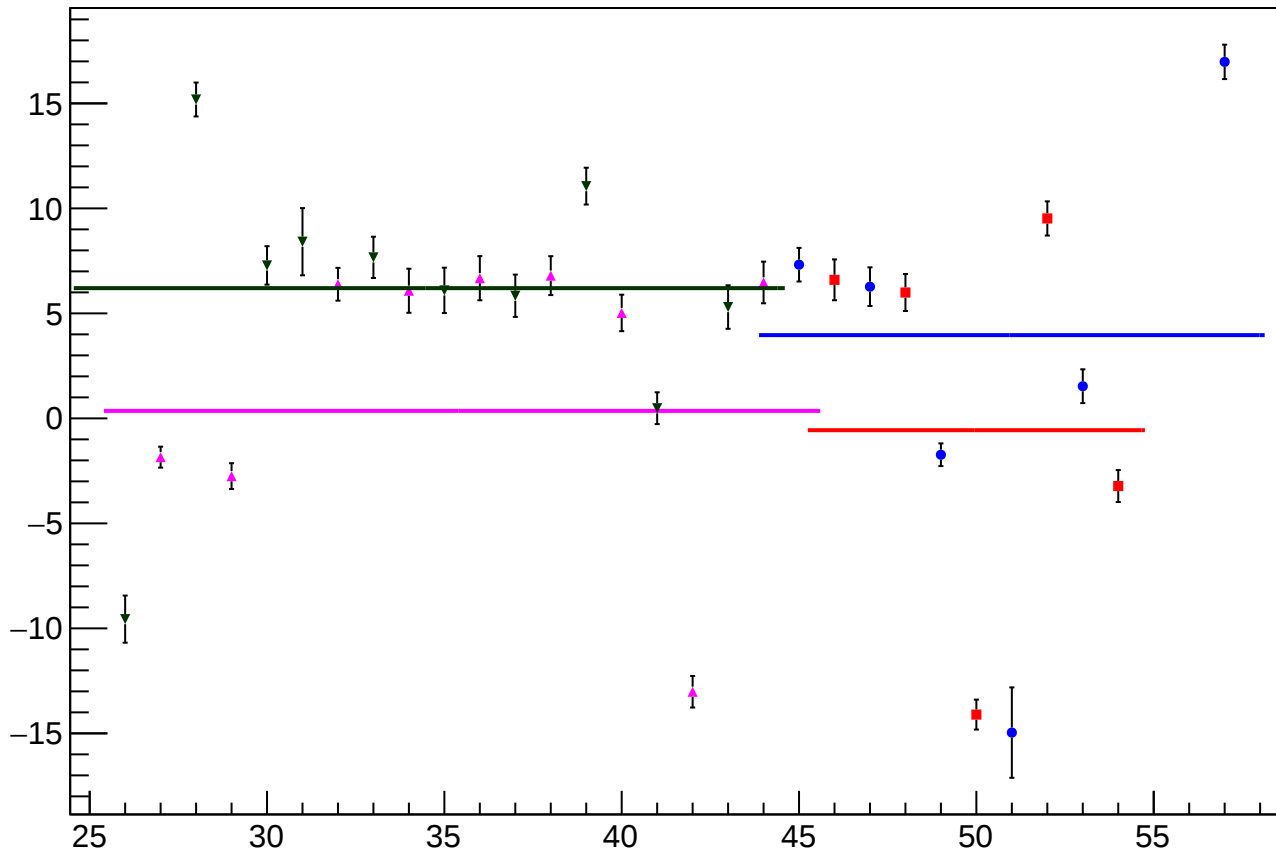
Right Out: -68.946±/0.052 χ^2/NDF : 2471.2/4

Left In: -66.738±/0.037 χ^2/NDF : 23839.7/8

-68.611±/0.031 χ^2/NDF : 7464.3/15

-67.491±/0.030 χ^2/NDF : 27507.7/13

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 3.965 ± 0.326 χ^2/NDF : 473.8/5

Left Out: 6.202 ± 0.305 χ^2/NDF : 415.4/9

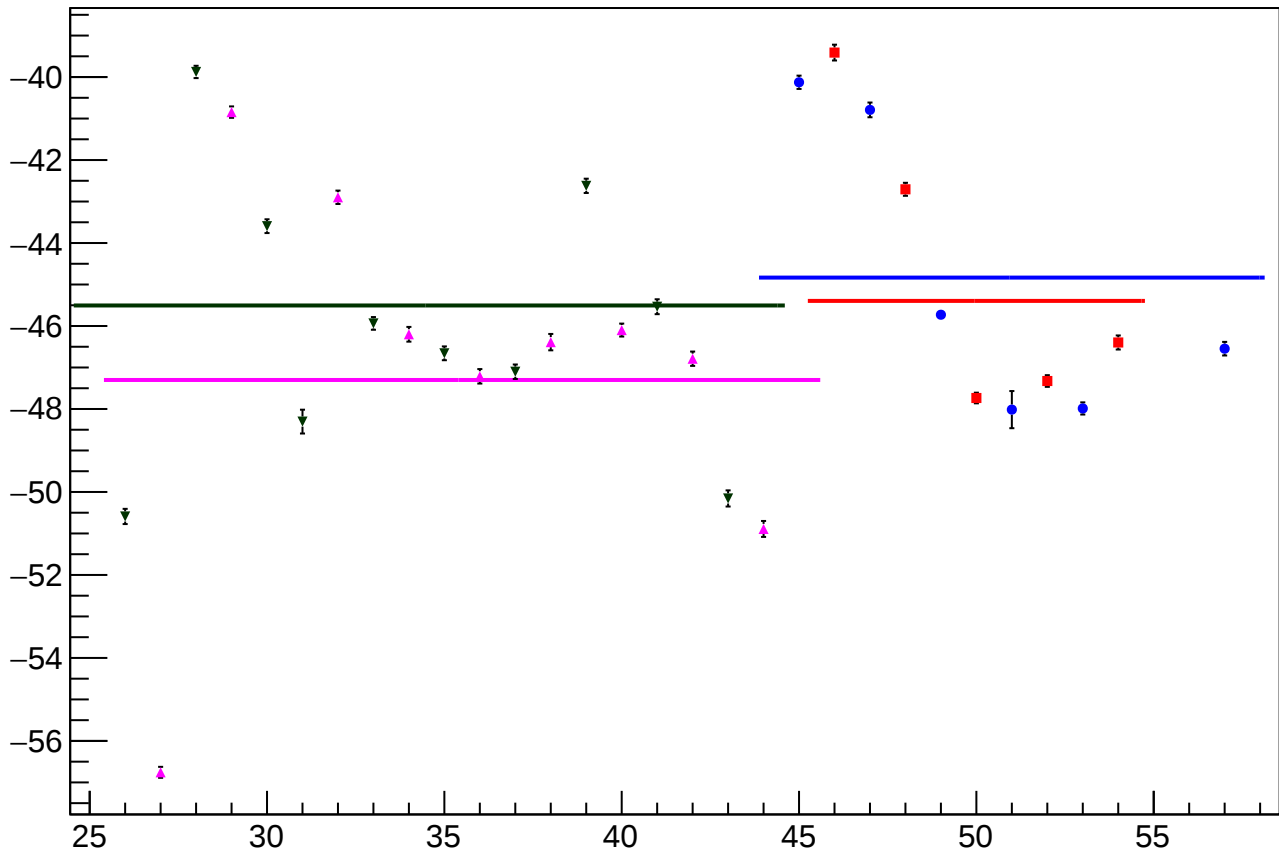
Right Out: -0.563 ± 0.364 χ^2/NDF : 635.7/4

Left In: 0.357 ± 0.255 χ^2/NDF : 602.5/8

5.158 ± 0.223 χ^2/NDF : 914.3/15

0.054 ± 0.209 χ^2/NDF : 1242.5/13

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -44.833+/-0.063 χ^2/NDF : 2078.8/5

Left Out: -45.505+/-0.055 χ^2/NDF : 3423.9/9

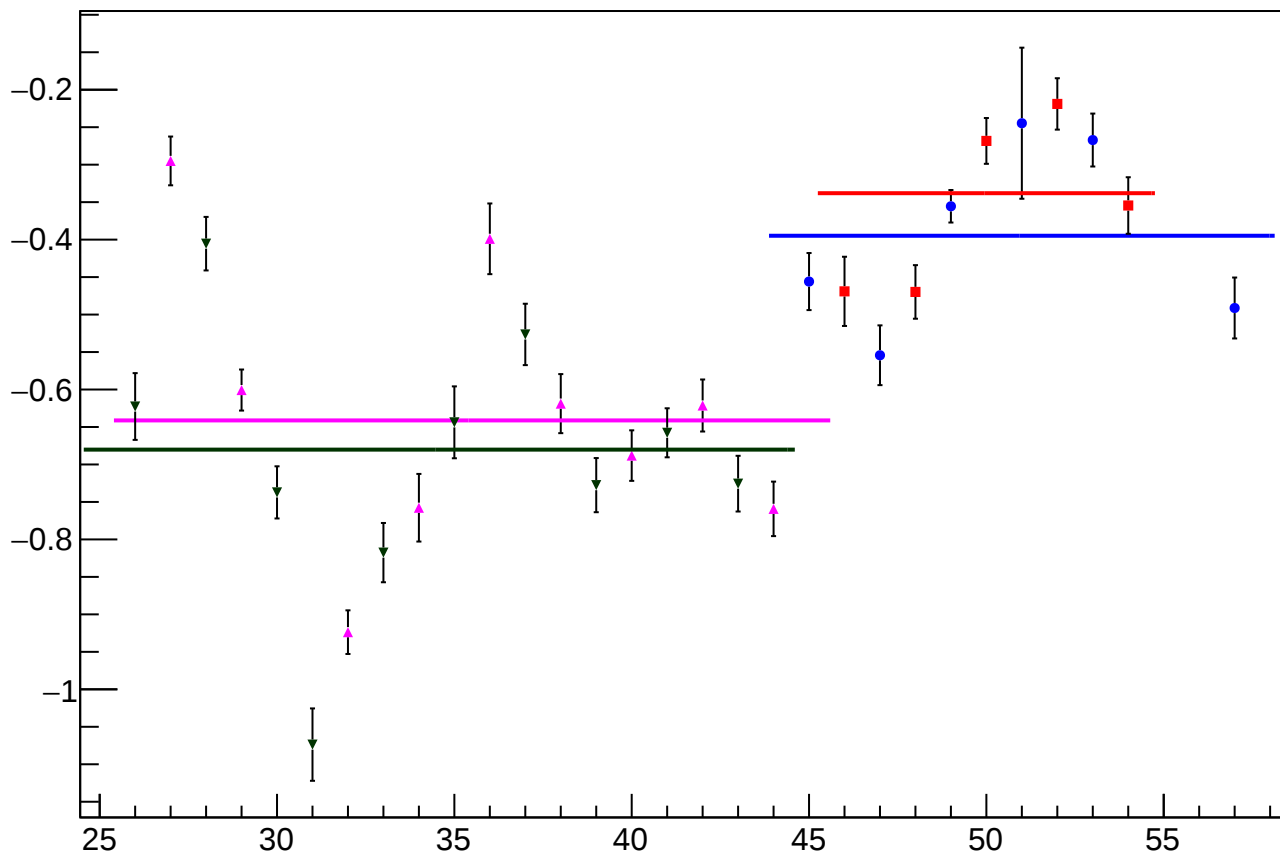
Right Out: -45.395+/-0.068 χ^2/NDF : 1833.9/4

Left In: -47.301+/-0.054 χ^2/NDF : 8552.3/8

-45.211+/-0.042 χ^2/NDF : 5567.3/15

-46.566+/-0.042 χ^2/NDF : 10863.5/13

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.395+/-0.014 χ^2/NDF : 42.8/5

Left Out: -0.680+/-0.012 χ^2/NDF : 160.4/9

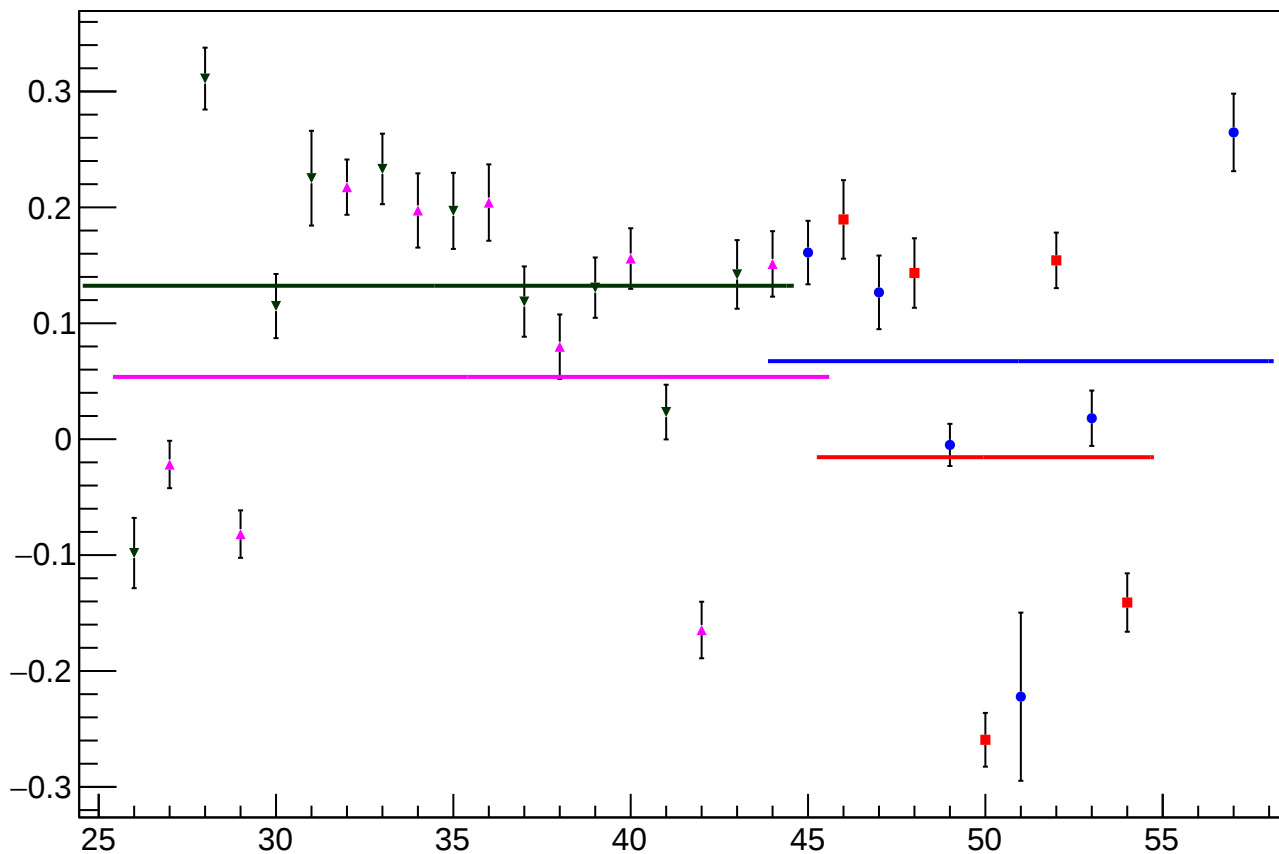
Right Out: -0.338+/-0.016 χ^2/NDF : 39.1/4

Left In: -0.641+/-0.012 χ^2/NDF : 255.8/8

-0.558+/-0.009 χ^2/NDF : 434.1/15

-0.538+/-0.009 χ^2/NDF : 529.9/13

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.067 $\pm$ 0.011 χ^2 /NDF: 86.0/5

Left Out: 0.132 $\pm$ 0.009 χ^2 /NDF:144.8/9

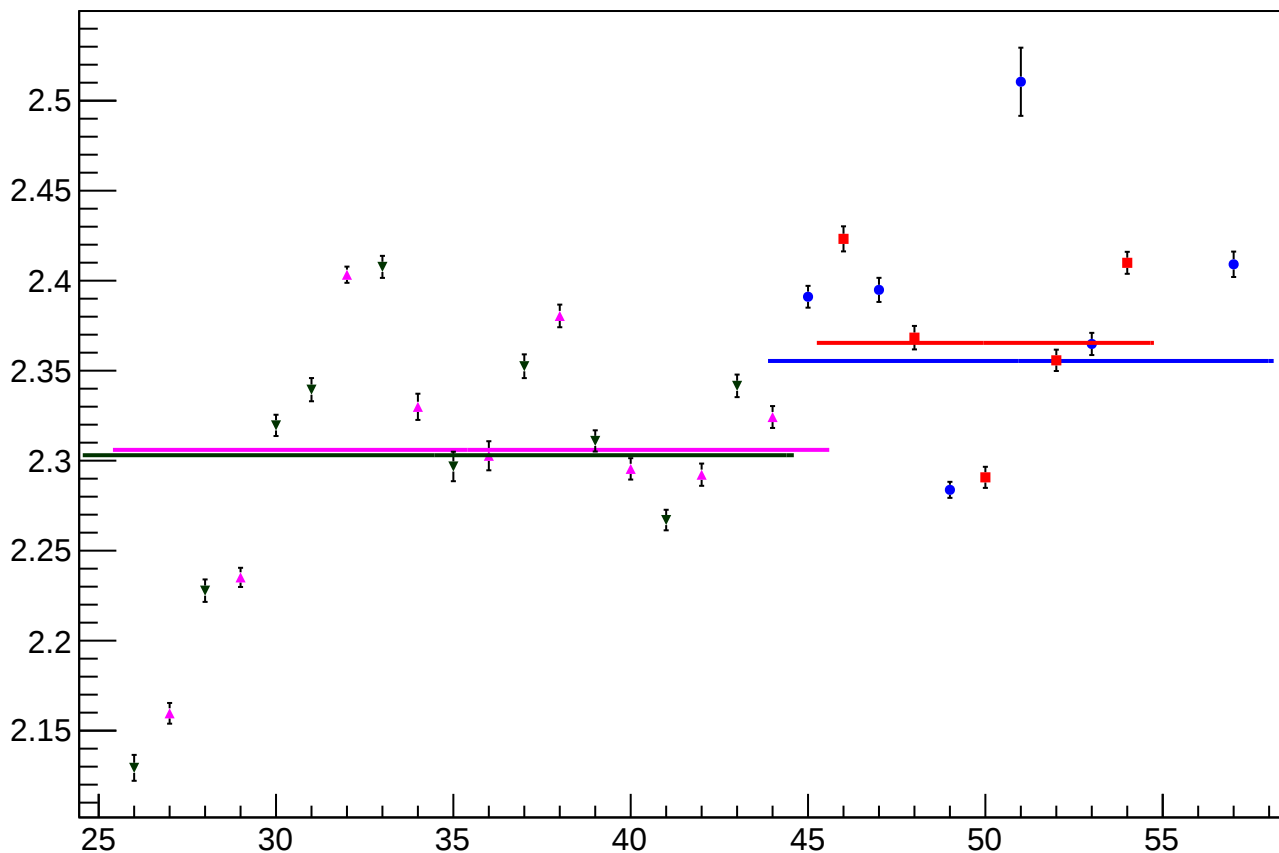
Right Out: -0.016 $\pm$ 0.012 χ^2 /NDF: 250.1/4

Left In: 0.054 $\pm$ 0.008 χ^2 /NDF:253.9/8

0.106 $\pm$ 0.007 χ^2 /NDF: 251.3/15

0.030 $\pm$ 0.007 χ^2 /NDF: 526.7/13

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.355 $\pm$ 0.003 χ^2 /NDF: 455.3/5

Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF:1196.0/9

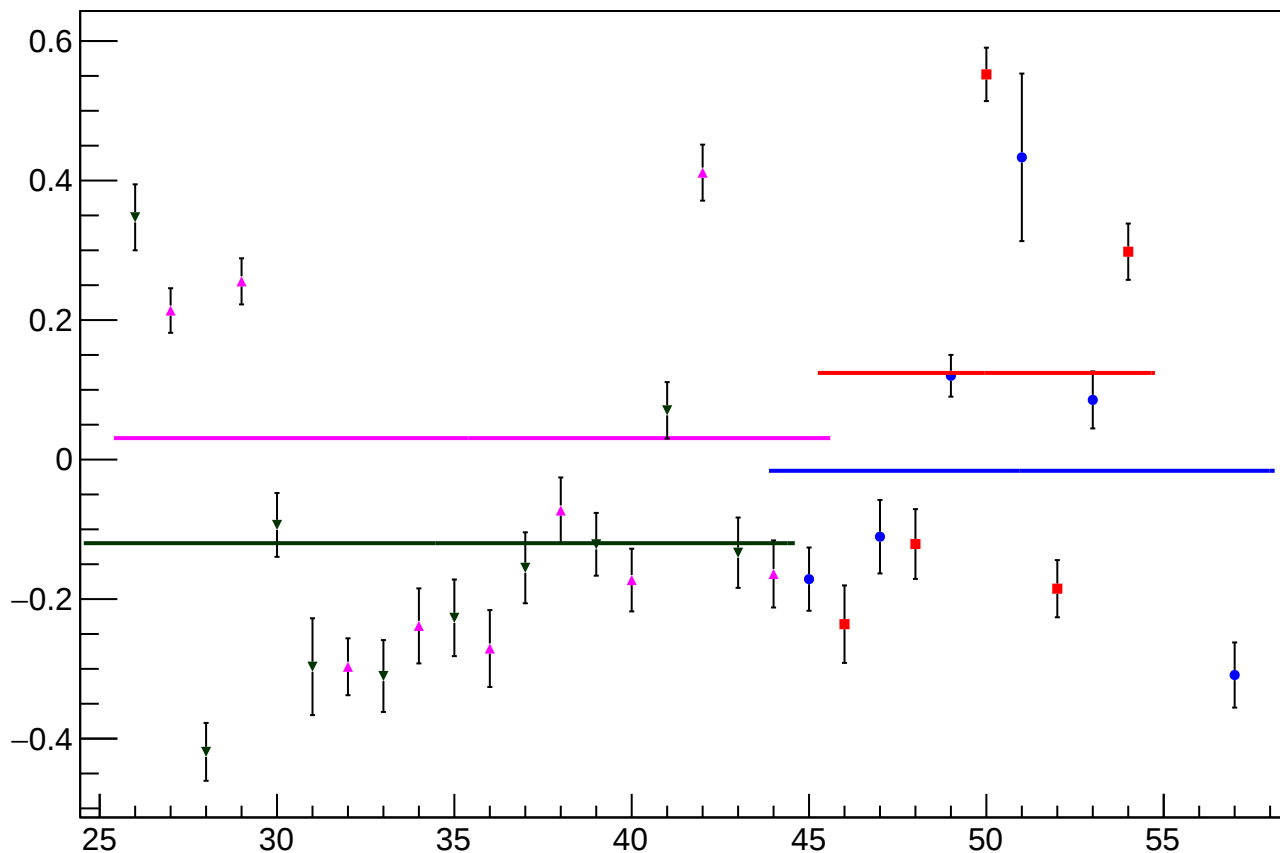
Right Out: 2.365 $\pm$ 0.003 χ^2 /NDF: 287.3/4

Left In: 2.306 $\pm$ 0.002 χ^2 /NDF:1460.1/8

2.323 $\pm$ 0.002 χ^2 /NDF: 1906.4/15

2.326 $\pm$ 0.002 χ^2 /NDF: 2049.7/13

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.016 ± 0.018 χ^2/NDF : 95.1/5

Left Out: -0.120 ± 0.015 χ^2/NDF : 196.6/9

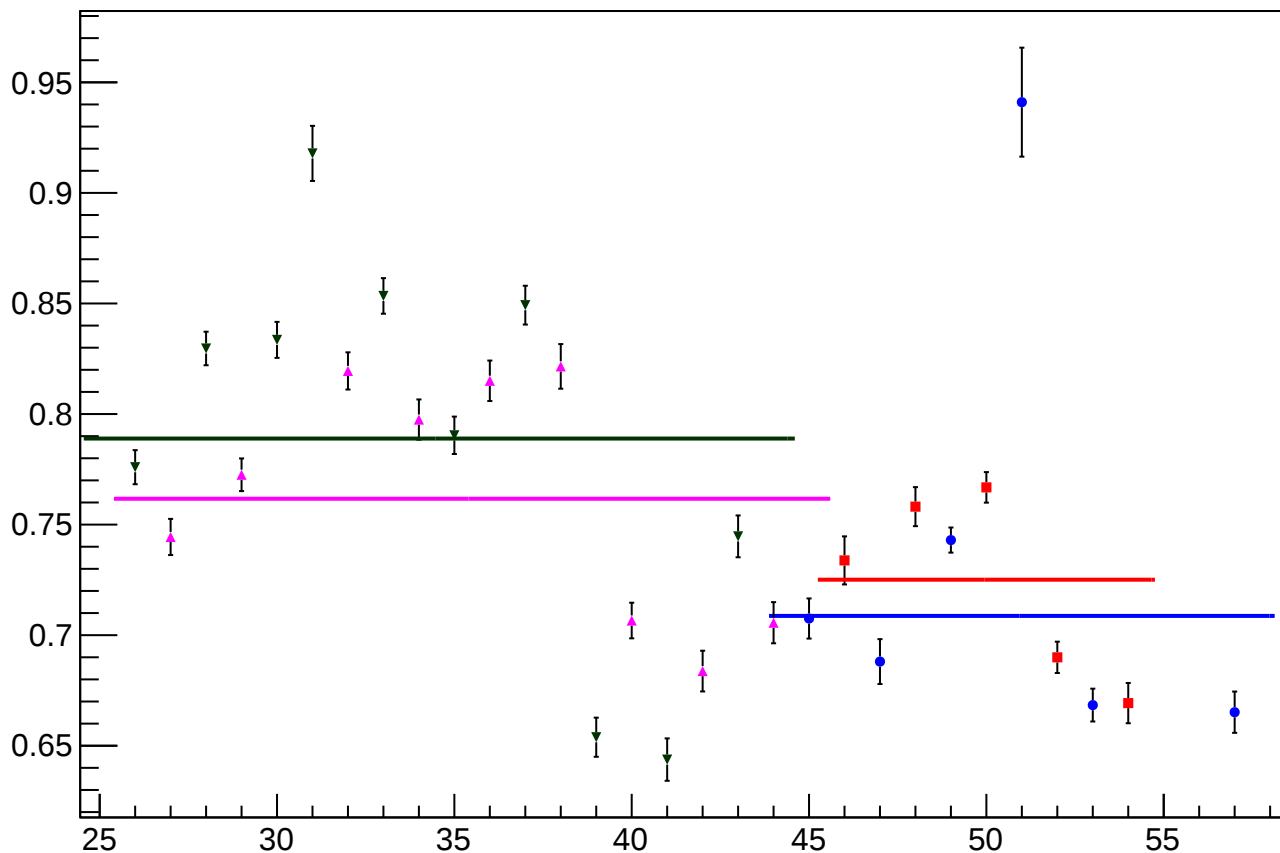
Right Out: 0.124 ± 0.020 χ^2/NDF : 266.6/4

Left In: 0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.076 ± 0.012 χ^2/NDF : 311.1/15

0.062 ± 0.011 χ^2/NDF : 611.8/13

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.709 $\pm$ 0.003 χ^2 /NDF: 180.8/5

Left Out: 0.789 $\pm$ 0.003 χ^2 /NDF: 764.3/9

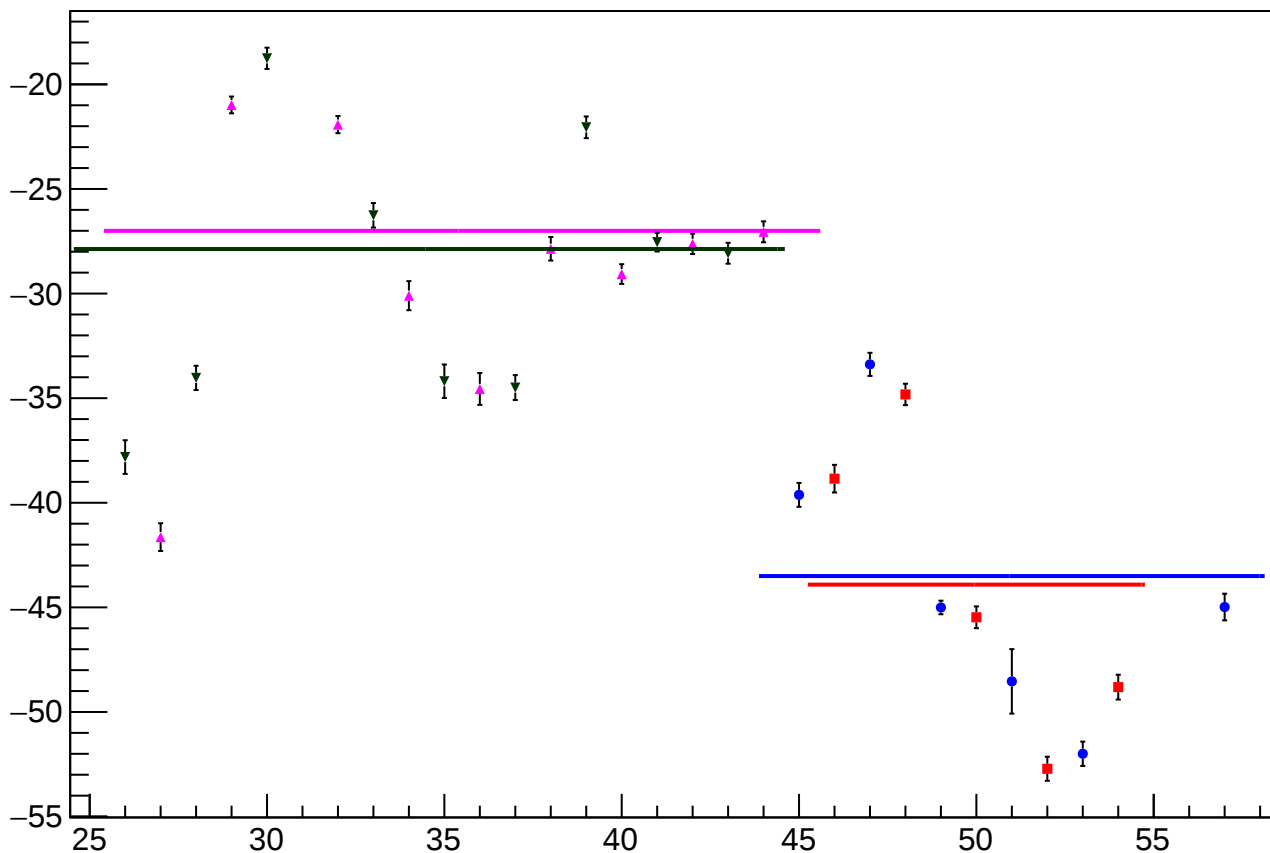
Right Out: 0.725 $\pm$ 0.004 χ^2 /NDF: 113.4/4

Left In: 0.762 $\pm$ 0.003 χ^2 /NDF: 293.2/8

0.758 $\pm$ 0.002 χ^2 /NDF: 1276.6/15

0.748 $\pm$ 0.002 χ^2 /NDF: 468.1/13

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -43.503 ± 0.215 $\chi^2/\text{NDF}: 632.8/5$

Left Out: -27.871 ± 0.188 $\chi^2/\text{NDF}: 907.3/8$

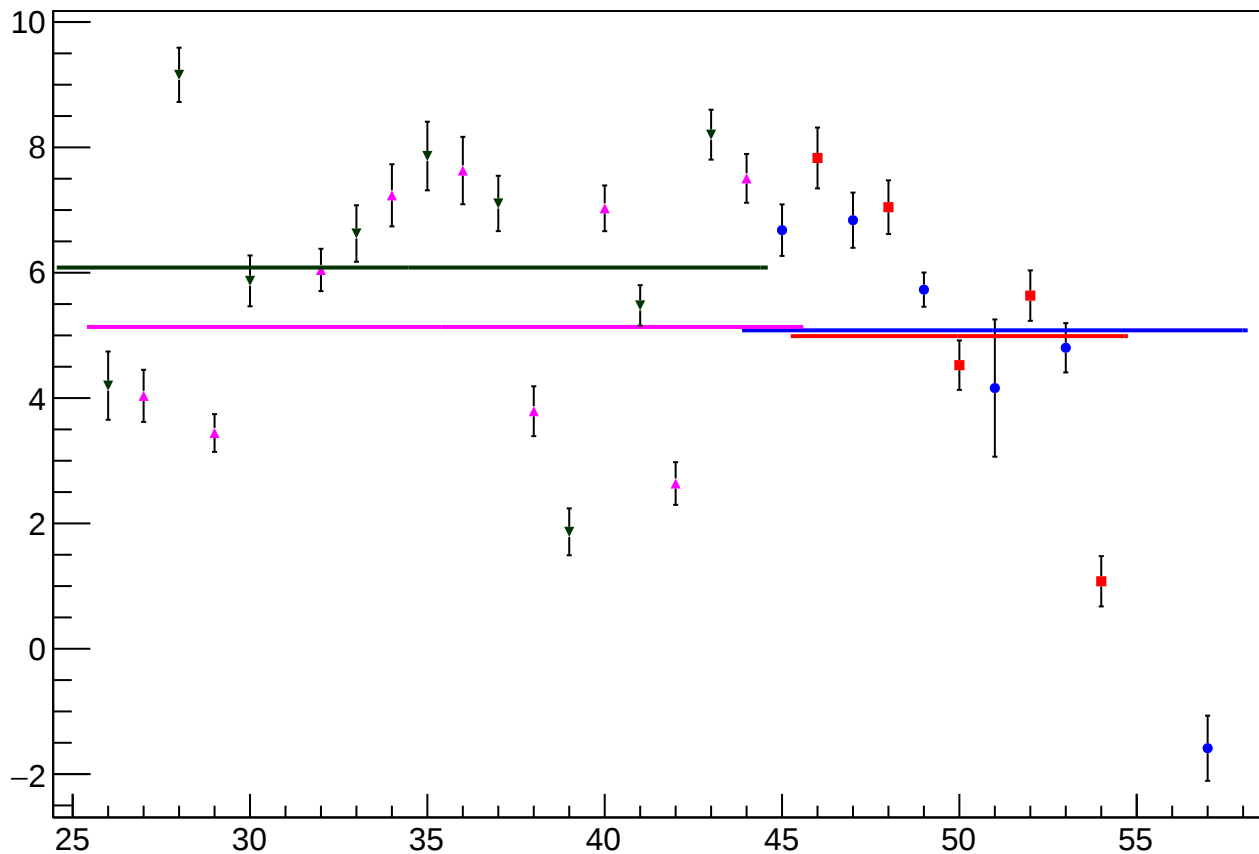
Right Out: -43.912 ± 0.253 $\chi^2/\text{NDF}: 686.2/4$

Left In: -27.003 ± 0.171 $\chi^2/\text{NDF}: 1007.7/8$

-34.632 ± 0.141 $\chi^2/\text{NDF}: 4542.3/14$

-32.327 ± 0.142 $\chi^2/\text{NDF}: 4764.1/13$

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 5.081 ± 0.168 χ^2/NDF : 202.4/5

Left Out: 6.083 ± 0.140 χ^2/NDF : 238.9/8

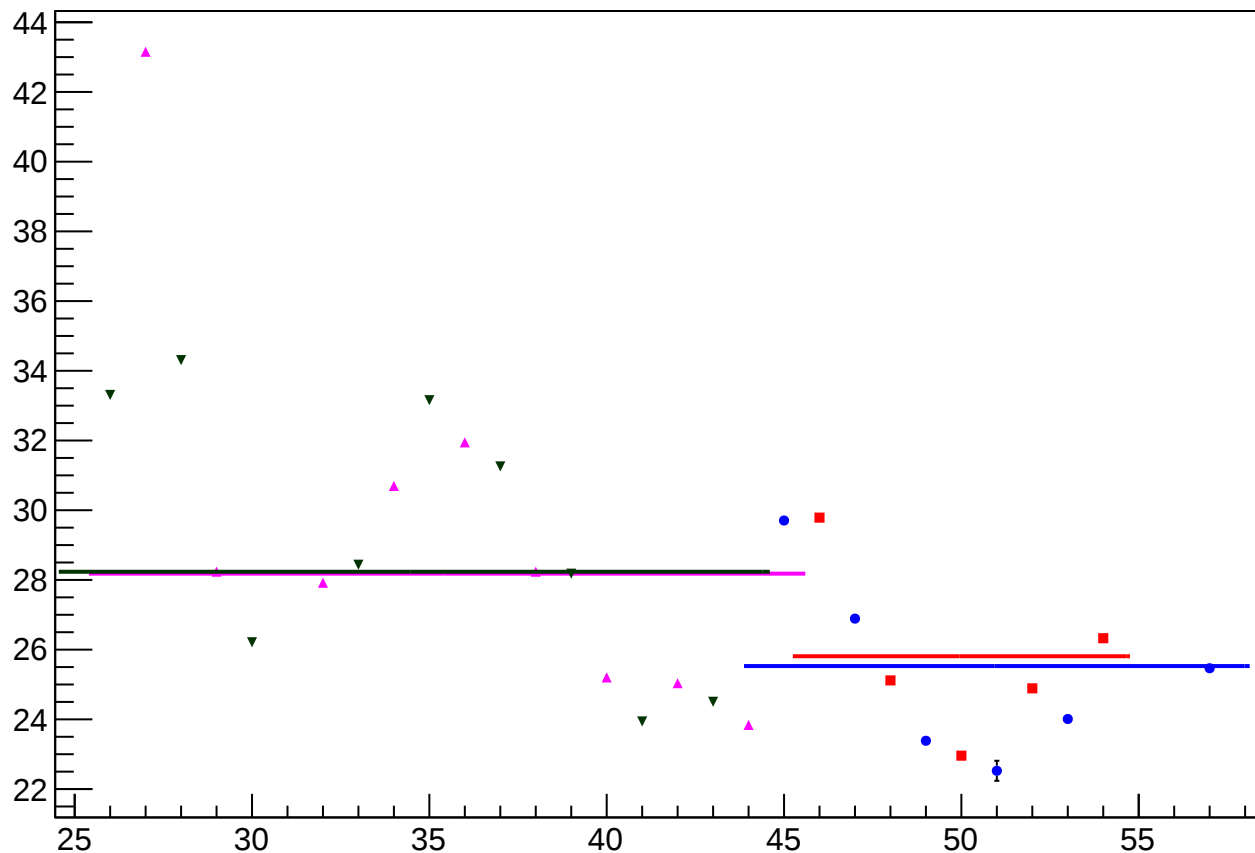
Right Out: 4.988 ± 0.187 χ^2/NDF : 156.4/4

Left In: 5.135 ± 0.127 χ^2/NDF : 214.5/8

5.673 ± 0.107 χ^2/NDF : 462.3/14

5.089 ± 0.105 χ^2/NDF : 371.3/13

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 25.529+/-0.039 χ^2/NDF : 3688.6/5

Left Out: 28.235+/-0.031 χ^2/NDF :12988.2/8

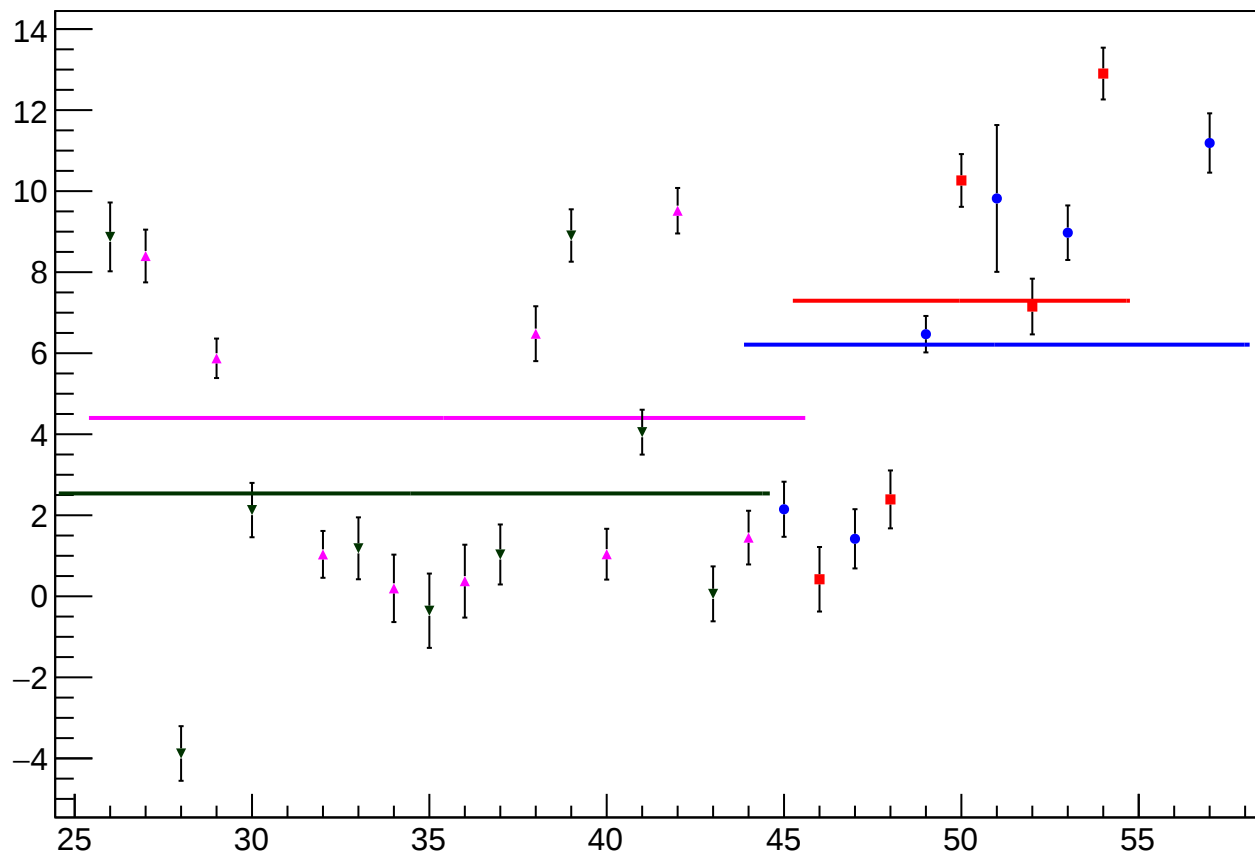
Right Out: 25.810+/-0.043 χ^2/NDF : 2588.0/4

Left In: 28.180+/-0.029 χ^2/NDF :23006.5/8

27.182+/-0.024 χ^2/NDF : 19587.5/14

27.440+/-0.024 χ^2/NDF : 27639.1/13

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 6.211 ± 0.274 χ^2/NDF : 146.1/5

Left Out: 2.539 ± 0.233 χ^2/NDF : 281.6/8

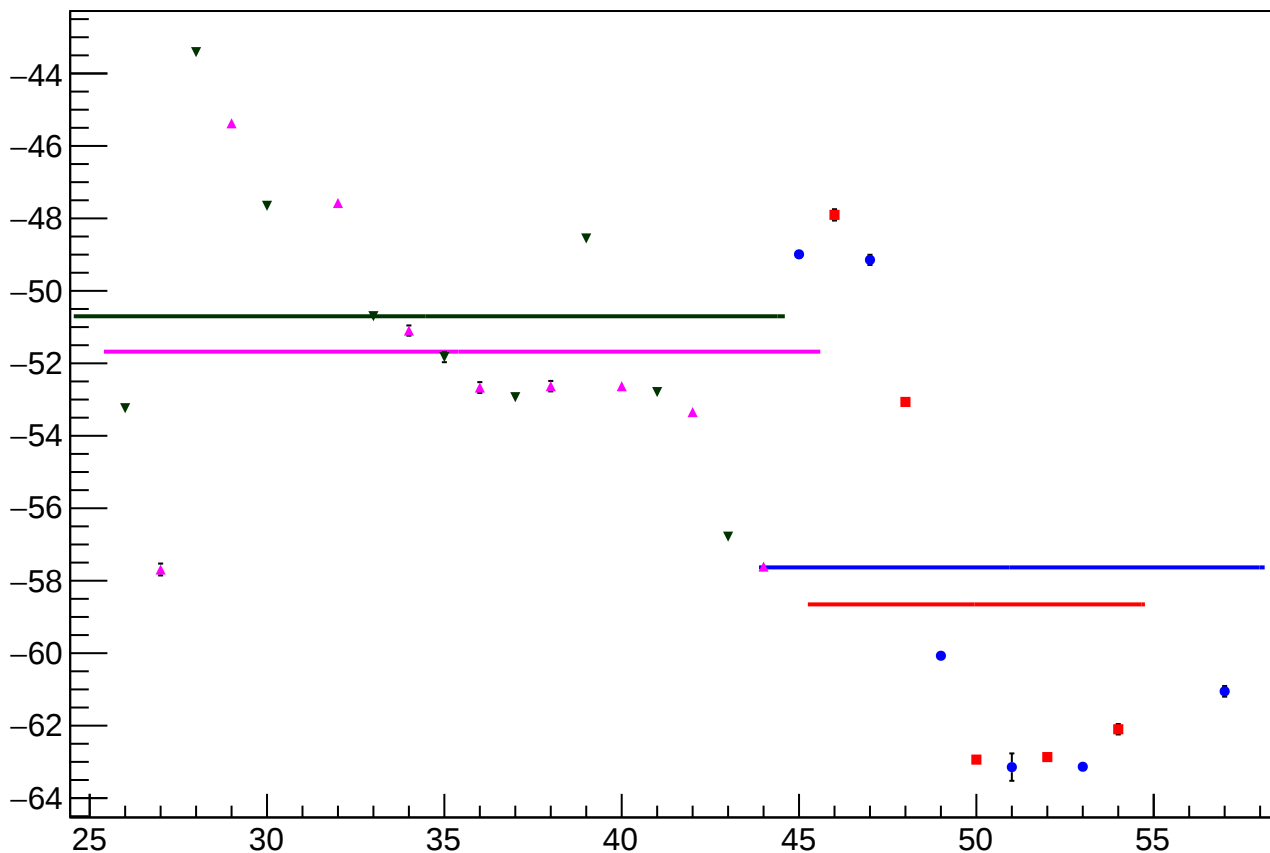
Right Out: 7.295 ± 0.309 χ^2/NDF : 219.4/4

Left In: 4.402 ± 0.211 χ^2/NDF : 267.4/8

4.085 ± 0.178 χ^2/NDF : 531.9/14

5.322 ± 0.174 χ^2/NDF : 546.4/13

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -57.633 $\pm$ 0.053 χ^2 /NDF: 11249.7/5

Left Out: -50.702 $\pm$ 0.043 χ^2 /NDF: 7639.1/8

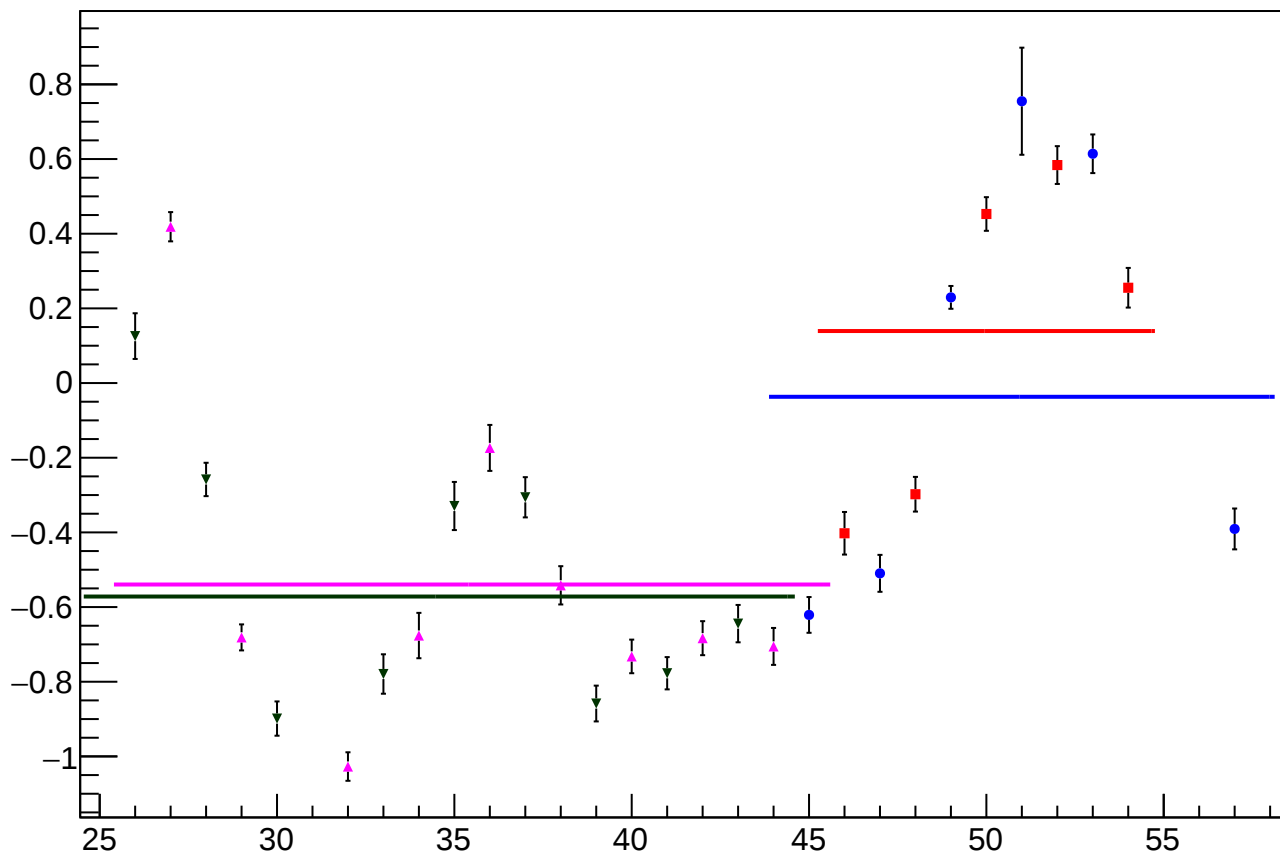
Right Out: -58.653 $\pm$ 0.058 χ^2 /NDF: 9777.0/4

Left In: -51.678 $\pm$ 0.043 χ^2 /NDF: 8312.3/8

-53.446 $\pm$ 0.033 χ^2 /NDF: 29328.7/14

-54.147 $\pm$ 0.035 χ^2 /NDF: 27277.3/13

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.037 ± 0.019 χ^2/NDF : 546.6/5

Left Out: -0.572 ± 0.017 χ^2/NDF : 344.3/8

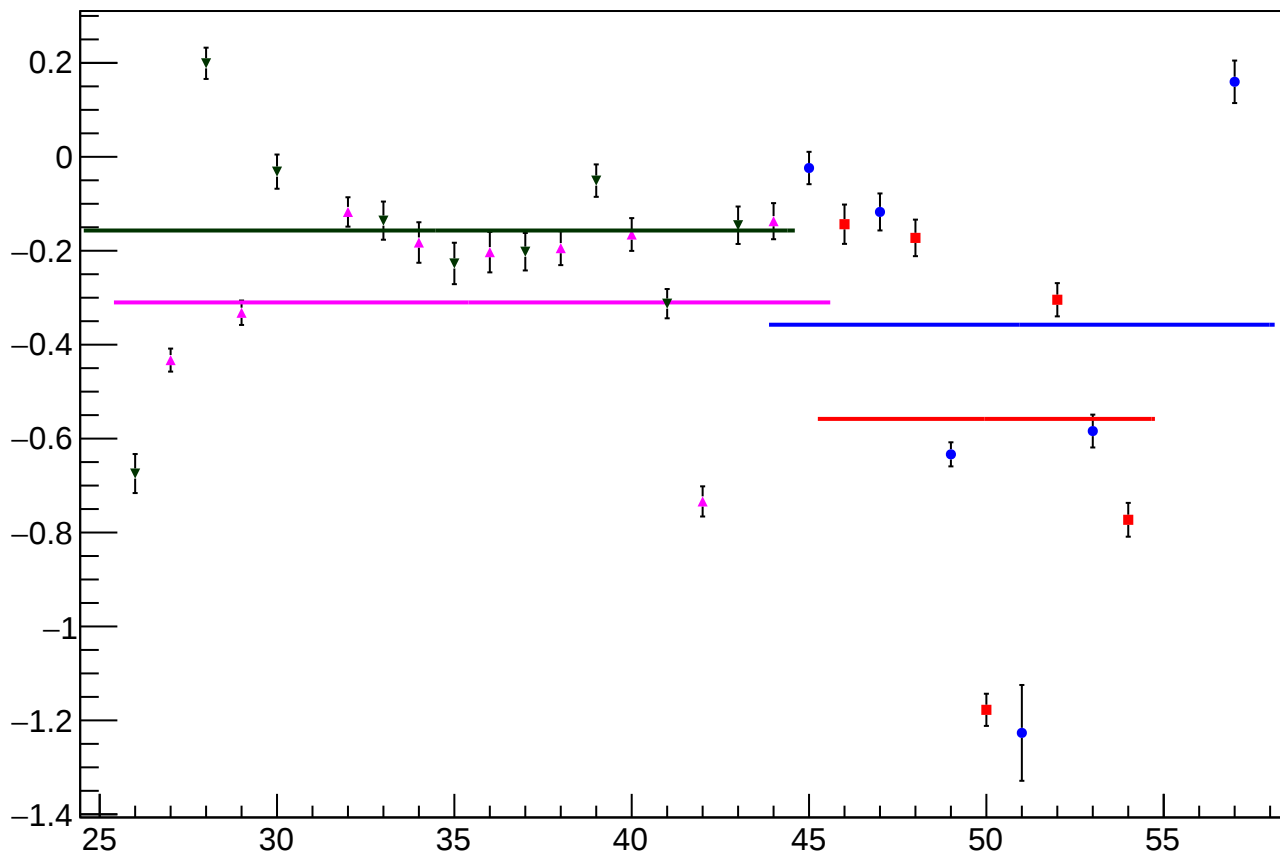
Right Out: 0.139 ± 0.022 χ^2/NDF : 308.9/4

Left In: -0.540 ± 0.015 χ^2/NDF : 857.8/8

-0.342 ± 0.013 χ^2/NDF : 1327.5/14

-0.329 ± 0.012 χ^2/NDF : 1804.7/13

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: -0.357 ± 0.015 χ^2/NDF : 492.0/5

Left Out: -0.157 ± 0.012 χ^2/NDF : 319.9/8

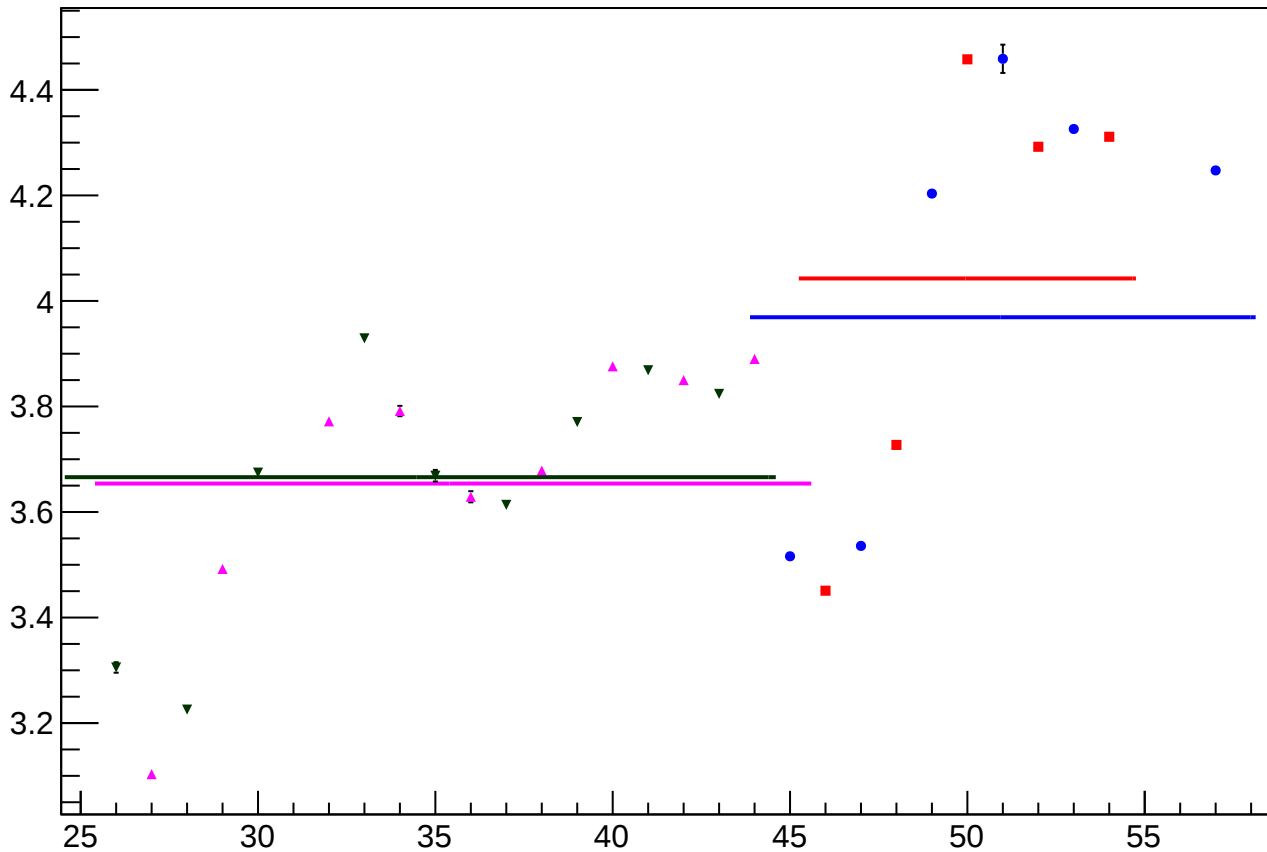
Right Out: -0.558 ± 0.017 χ^2/NDF : 610.3/4

Left In: -0.310 ± 0.011 χ^2/NDF : 300.3/8

-0.238 ± 0.010 χ^2/NDF : 917.5/14

-0.385 ± 0.009 χ^2/NDF : 1067.7/13

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 3.969 ± 0.003 χ^2/NDF : 10391.8/5

Left Out: 3.666 ± 0.003 χ^2/NDF : 6817.2/8

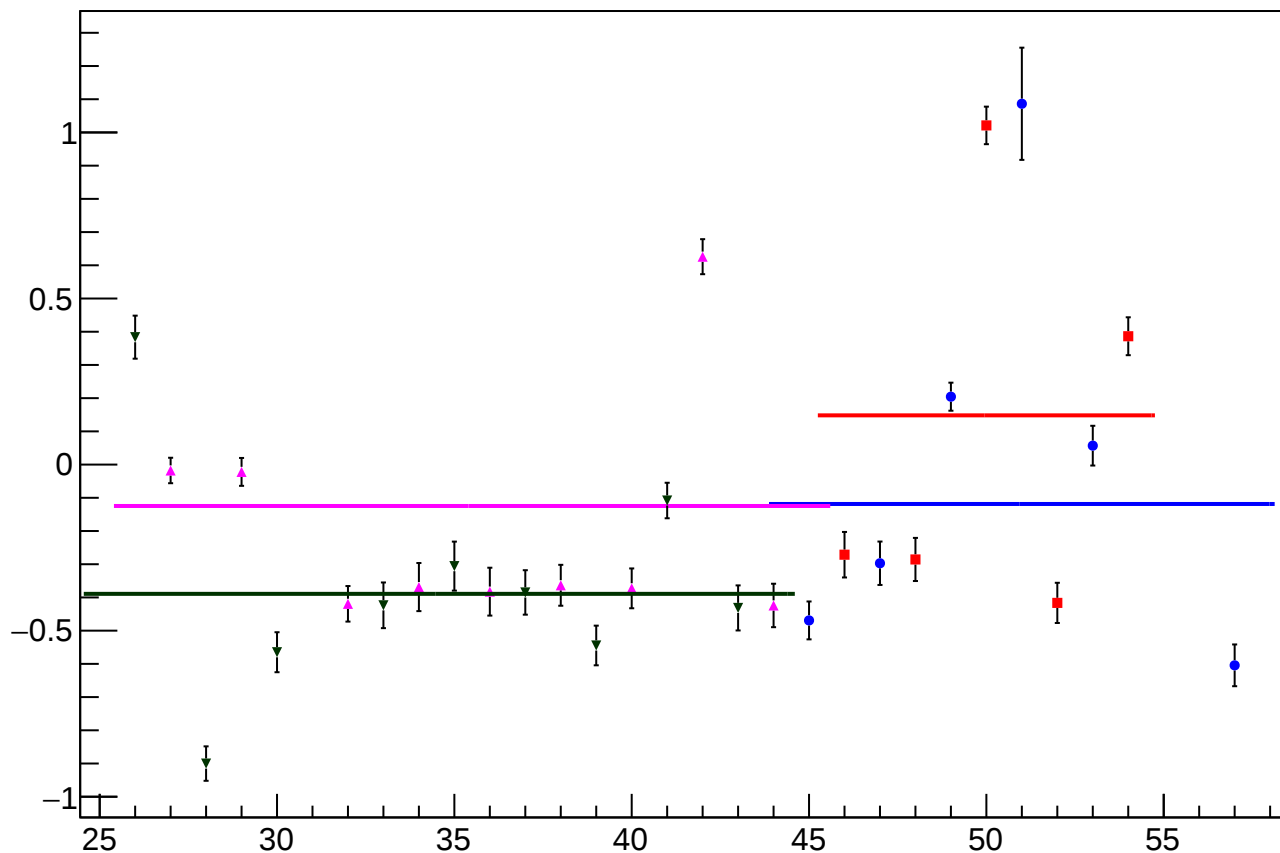
Right Out: 4.043 ± 0.004 χ^2/NDF : 10203.4/4

Left In: 3.654 ± 0.003 χ^2/NDF : 9613.6/8

3.785 ± 0.002 χ^2/NDF : 21780.2/14

3.774 ± 0.002 χ^2/NDF : 26849.4/13

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.119 ± 0.024 $\chi^2/\text{NDF}: 223.0/5$

Left Out: -0.389 ± 0.021 $\chi^2/\text{NDF}: 284.2/8$

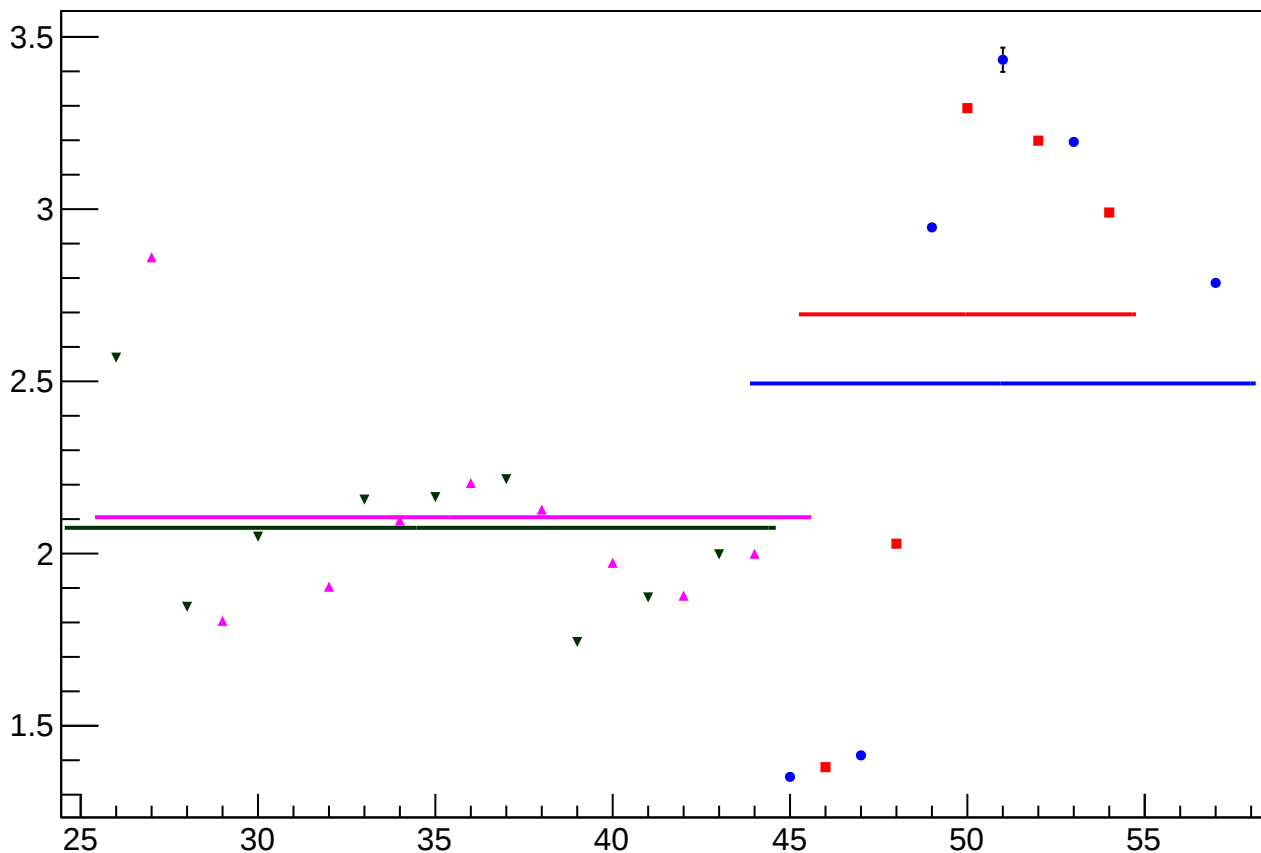
Right Out: 0.148 ± 0.027 $\chi^2/\text{NDF}: 425.1/4$

Left In: -0.125 ± 0.018 $\chi^2/\text{NDF}: 324.0/8$

-0.277 ± 0.016 $\chi^2/\text{NDF}: 578.7/14$

-0.042 ± 0.015 $\chi^2/\text{NDF}: 819.0/13$

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 2.494 ± 0.005 χ^2/NDF : 25946.3/5

Left Out: 2.075 ± 0.004 χ^2/NDF : 4111.6/8

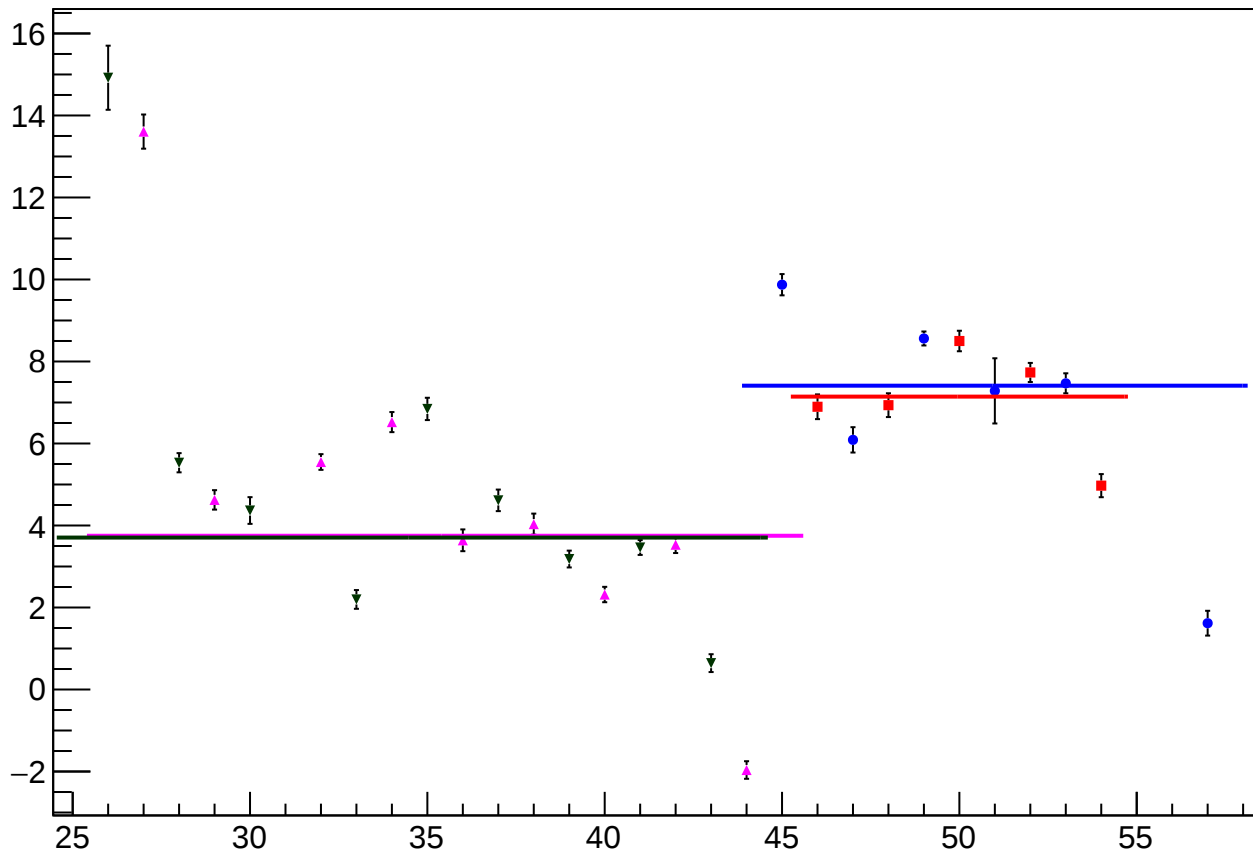
Right Out: 2.695 ± 0.005 χ^2/NDF : 19170.7/4

Left In: 2.106 ± 0.004 χ^2/NDF : 7840.1/8

2.236 ± 0.003 χ^2/NDF : 34927.1/14

2.310 ± 0.003 χ^2/NDF : 35571.0/13

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 7.410 $\pm$ 0.106 χ^2 /NDF: 521.0/5

Left Out: 3.706 $\pm$ 0.081 χ^2 /NDF: 665.5/8

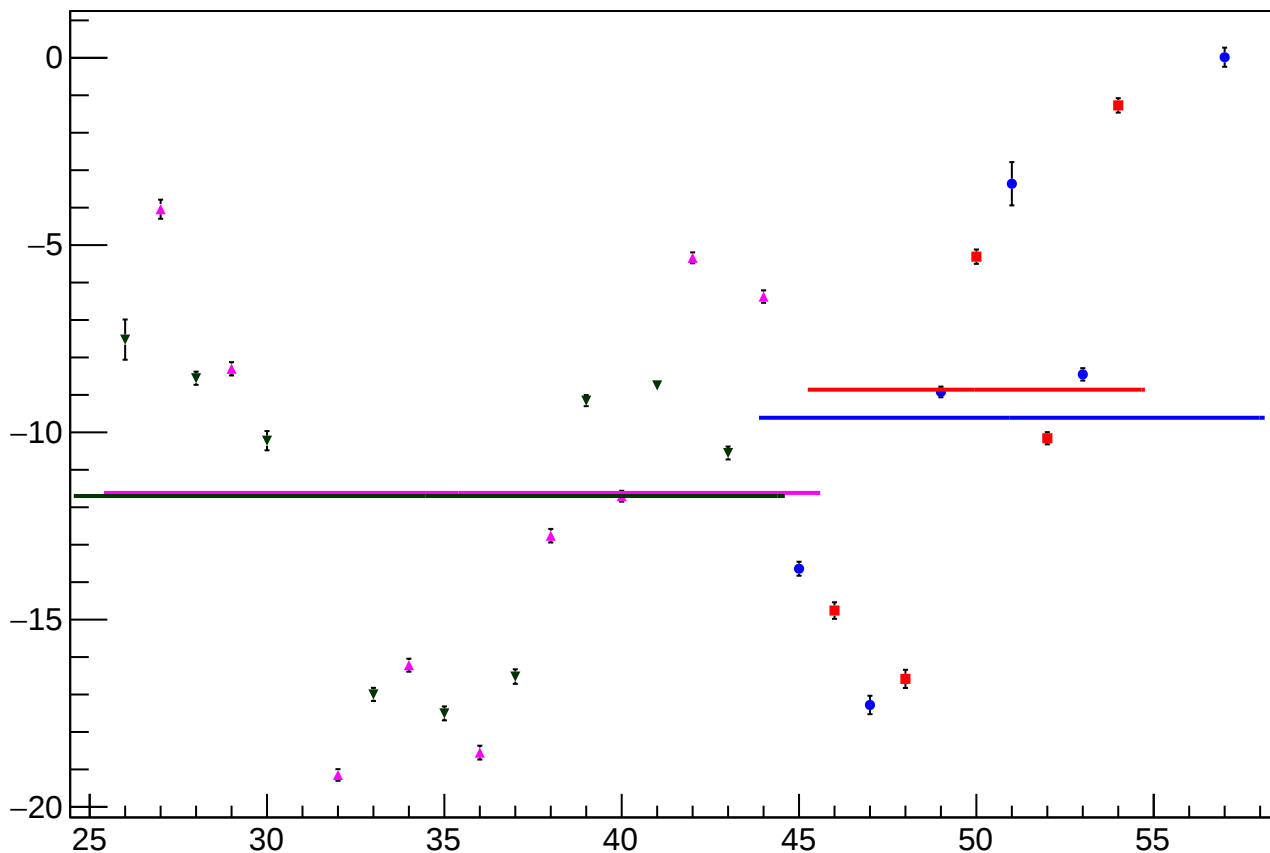
Right Out: 7.143 $\pm$ 0.120 χ^2 /NDF: 96.3/4

Left In: 3.750 $\pm$ 0.076 χ^2 /NDF: 1560.3/8

5.077 $\pm$ 0.064 χ^2 /NDF: 1957.0/14

4.733 $\pm$ 0.064 χ^2 /NDF: 2228.0/13

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -9.610+/-0.082 χ^2/NDF : 3051.7/5

Left Out: -11.699+/-0.060 χ^2/NDF : 3753.7/8

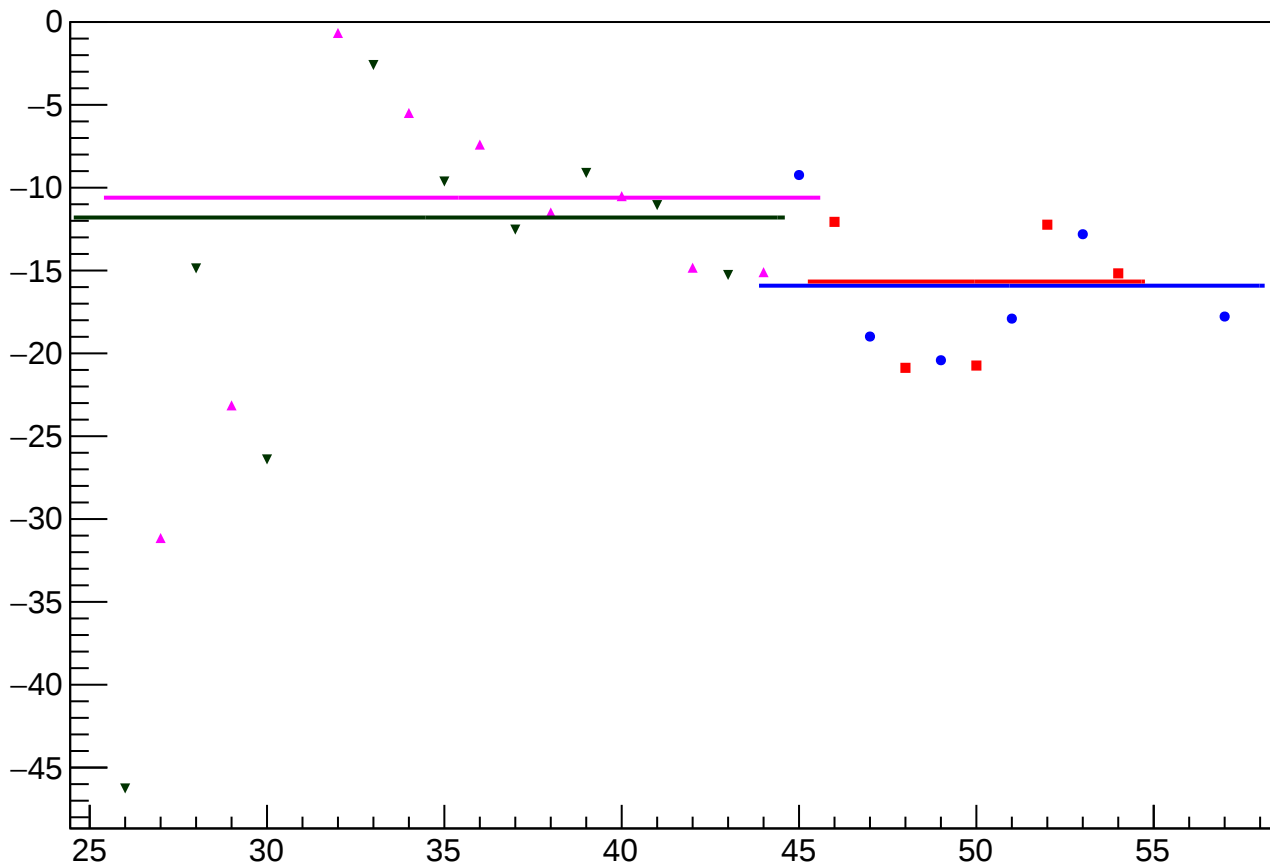
Right Out: -8.860+/-0.088 χ^2/NDF : 3682.1/4

Left In: -11.617+/-0.057 χ^2/NDF : 8593.1/8

-10.968+/-0.049 χ^2/NDF : 7226.4/14

-10.809+/-0.048 χ^2/NDF : 12969.8/13

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -15.915+/-0.019 χ^2/NDF : 52890.8/5

Left Out: -11.800+/-0.014 χ^2/NDF : 232573.7/8

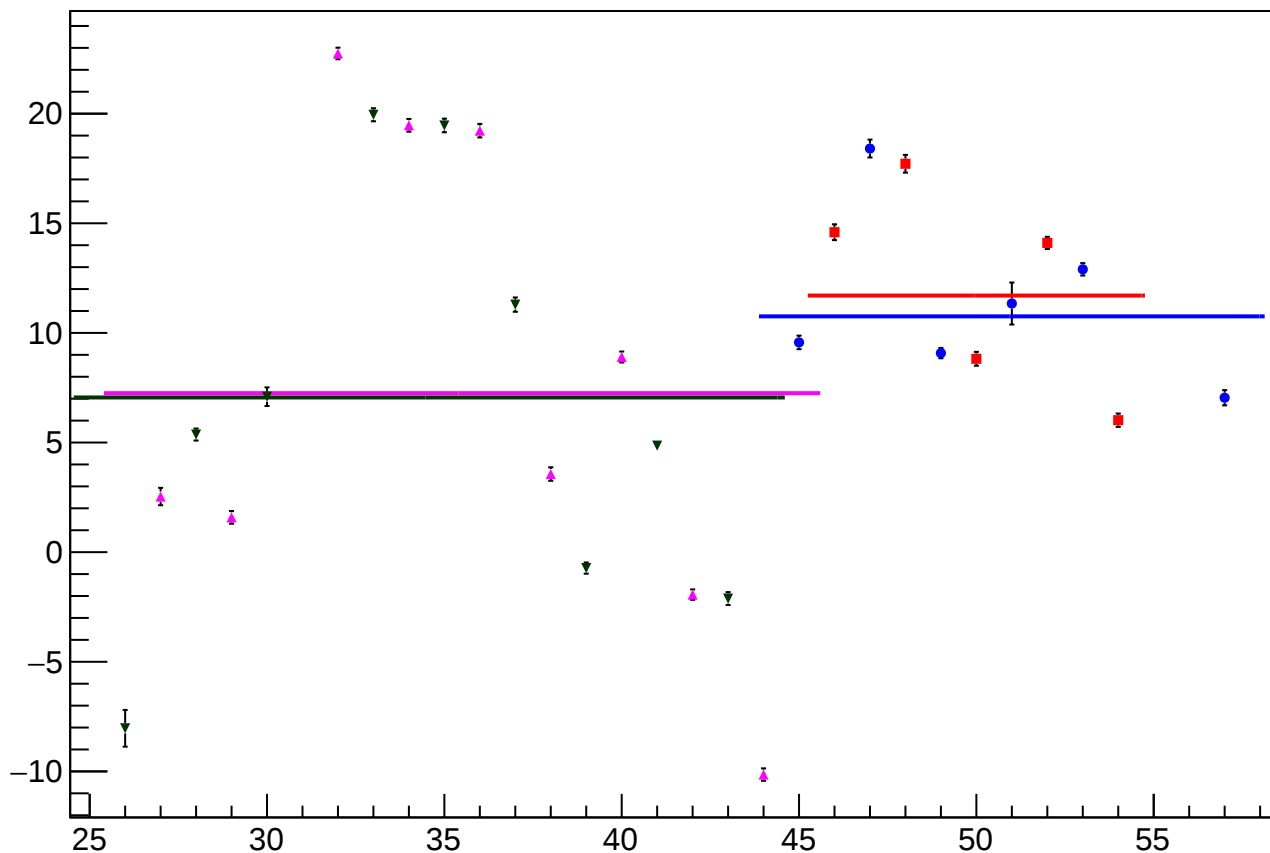
Right Out: -15.664+/-0.021 χ^2/NDF : 34573.9/4

Left In: -10.603+/-0.013 χ^2/NDF : 320499.6/8

-13.177+/-0.011 χ^2/NDF : 316290.4/14

-12.032+/-0.011 χ^2/NDF : 398709.9/13

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 10.755 ± 0.133 $\chi^2/\text{NDF}: 588.5/5$

Left Out: 7.056 ± 0.101 $\chi^2/\text{NDF}: 5984.3/8$

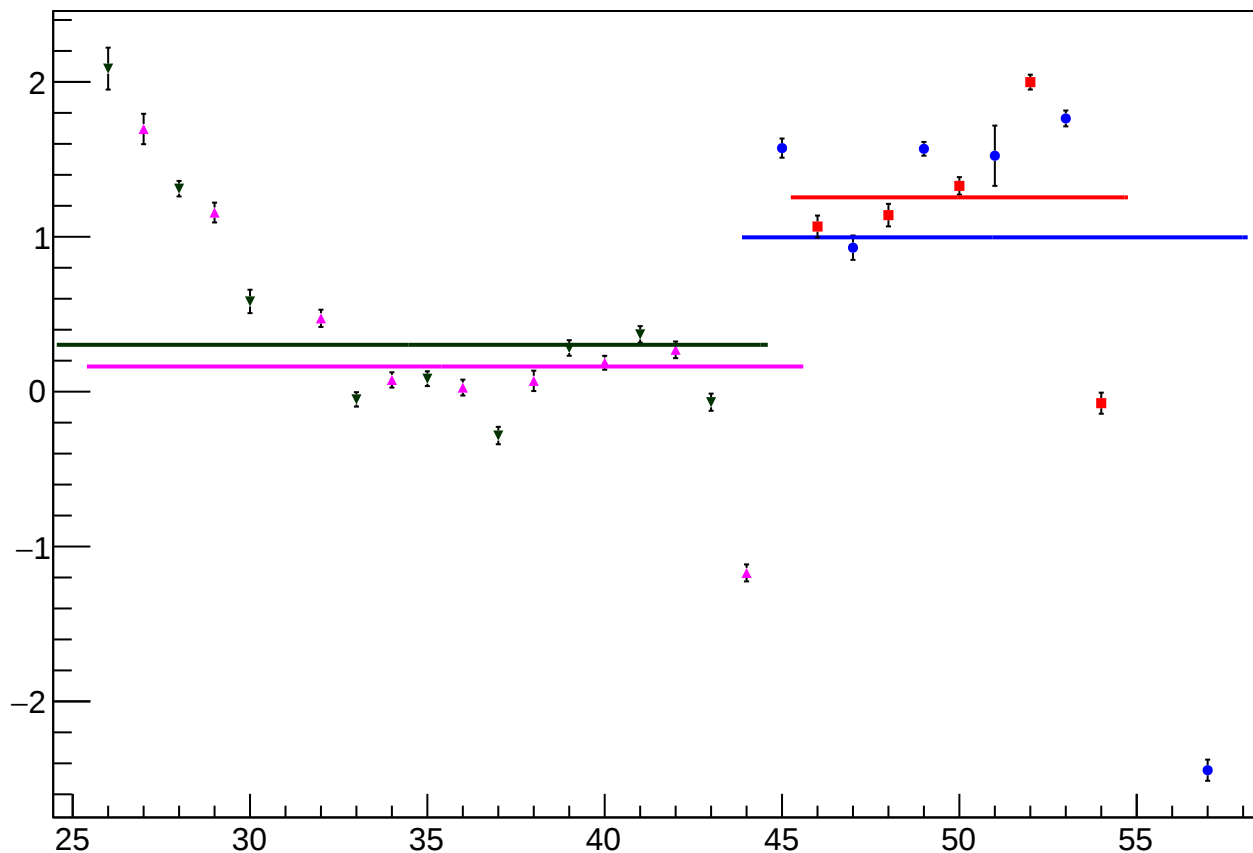
Right Out: 11.703 ± 0.145 $\chi^2/\text{NDF}: 788.2/4$

Left In: 7.252 ± 0.095 $\chi^2/\text{NDF}: 12651.2/8$

8.404 ± 0.081 $\chi^2/\text{NDF}: 7061.3/14$

8.579 ± 0.079 $\chi^2/\text{NDF}: 14098.1/13$

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.996 $\pm$ 0.025 χ^2 /NDF: 3018.4/5

Left Out: 0.303 $\pm$ 0.019 χ^2 /NDF:825.4/8

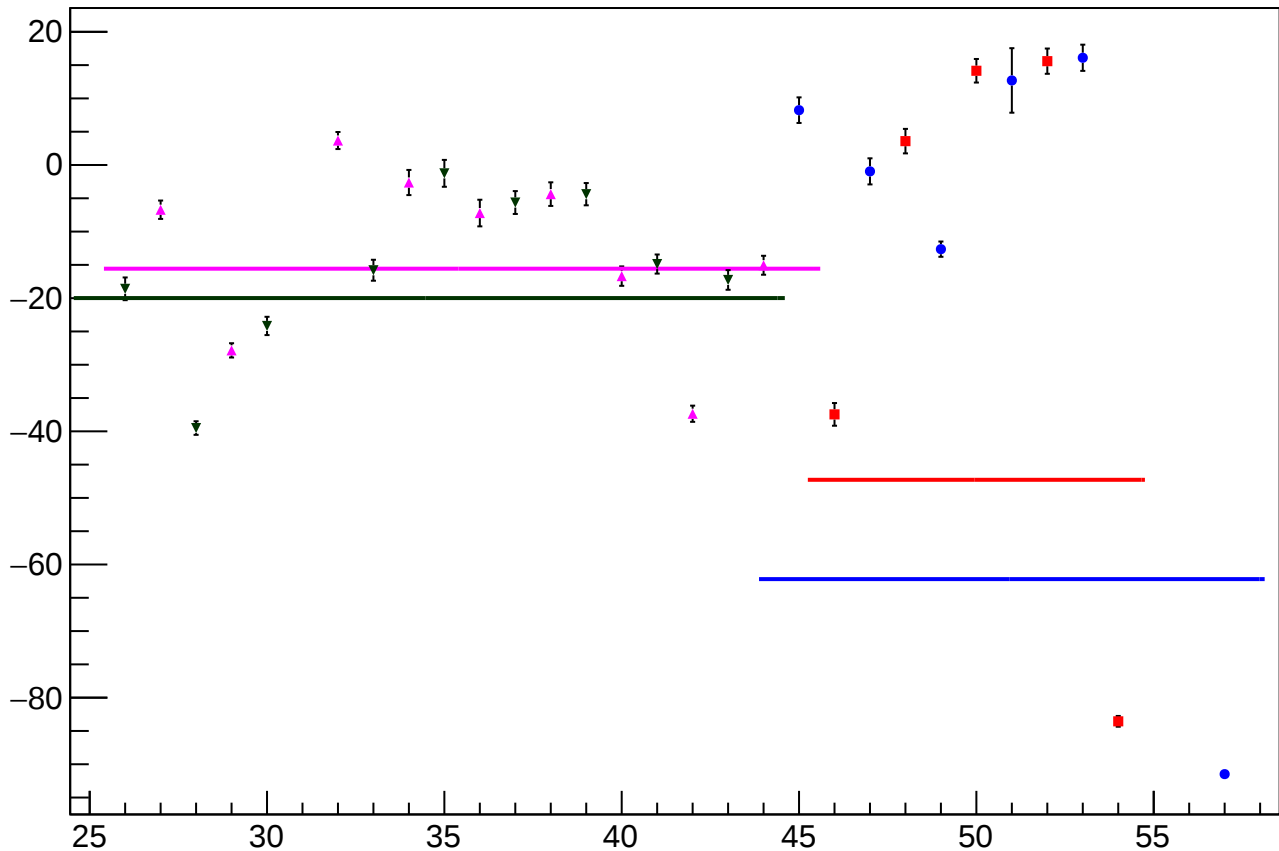
Right Out: 1.255 $\pm$ 0.027 χ^2 /NDF: 632.4/4

Left In: 0.162 $\pm$ 0.019 χ^2 /NDF:1123.7/8

0.543 $\pm$ 0.015 χ^2 /NDF: 4331.3/14

0.512 $\pm$ 0.015 χ^2 /NDF: 2851.7/13

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -62.195 ± 0.453 $\chi^2/\text{NDF}: 8825.4/5$

Left Out: -19.986 ± 0.492 $\chi^2/\text{NDF}: 641.4/8$

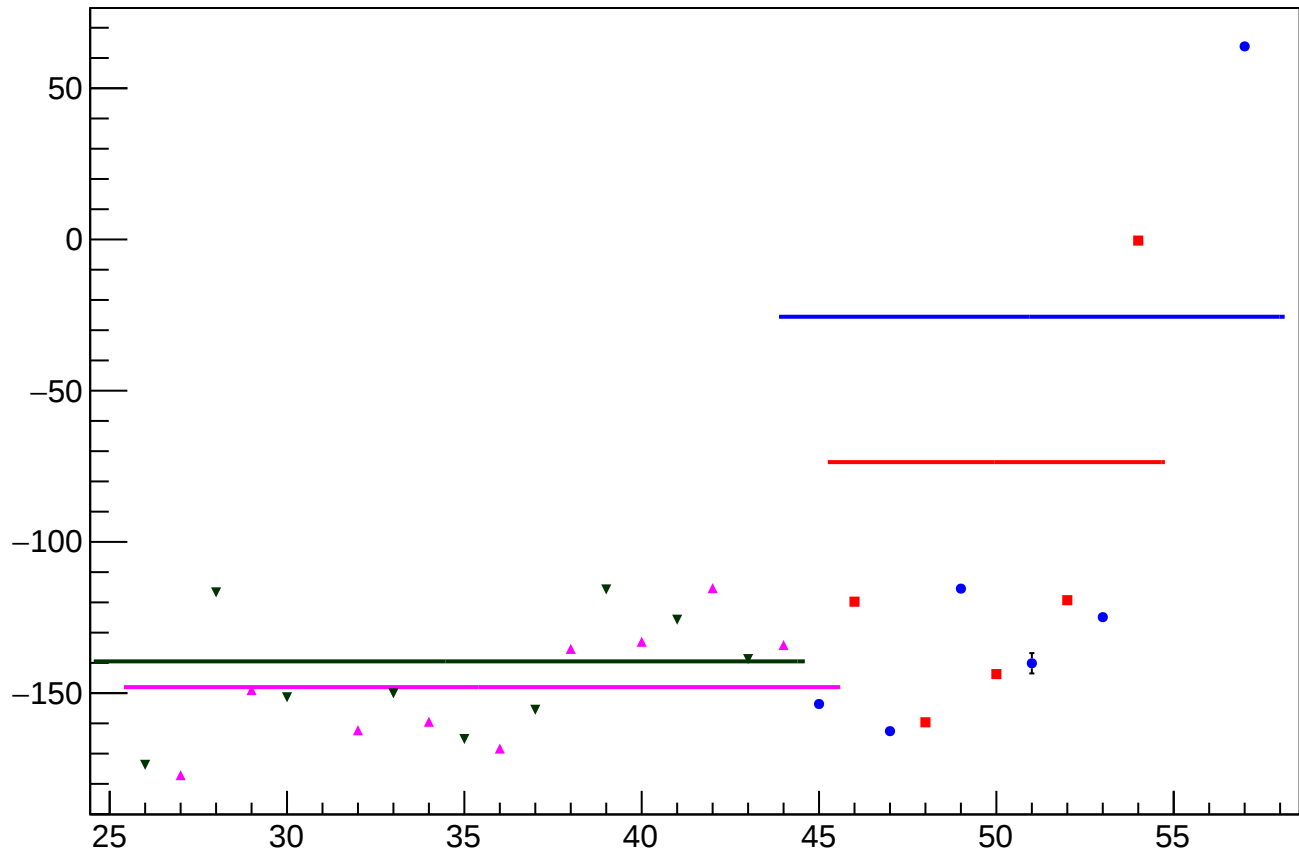
Right Out: -47.279 ± 0.601 $\chi^2/\text{NDF}: 5112.4/4$

Left In: -15.574 ± 0.472 $\chi^2/\text{NDF}: 824.1/8$

-42.853 ± 0.333 $\chi^2/\text{NDF}: 13446.7/14$

-27.652 ± 0.371 $\chi^2/\text{NDF}: 7657.9/13$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -25.552 ± 0.421 $\chi^2/\text{NDF}: 55472.4/5$

Left Out: -139.501 ± 0.374 $\chi^2/\text{NDF}: 2866.7/8$

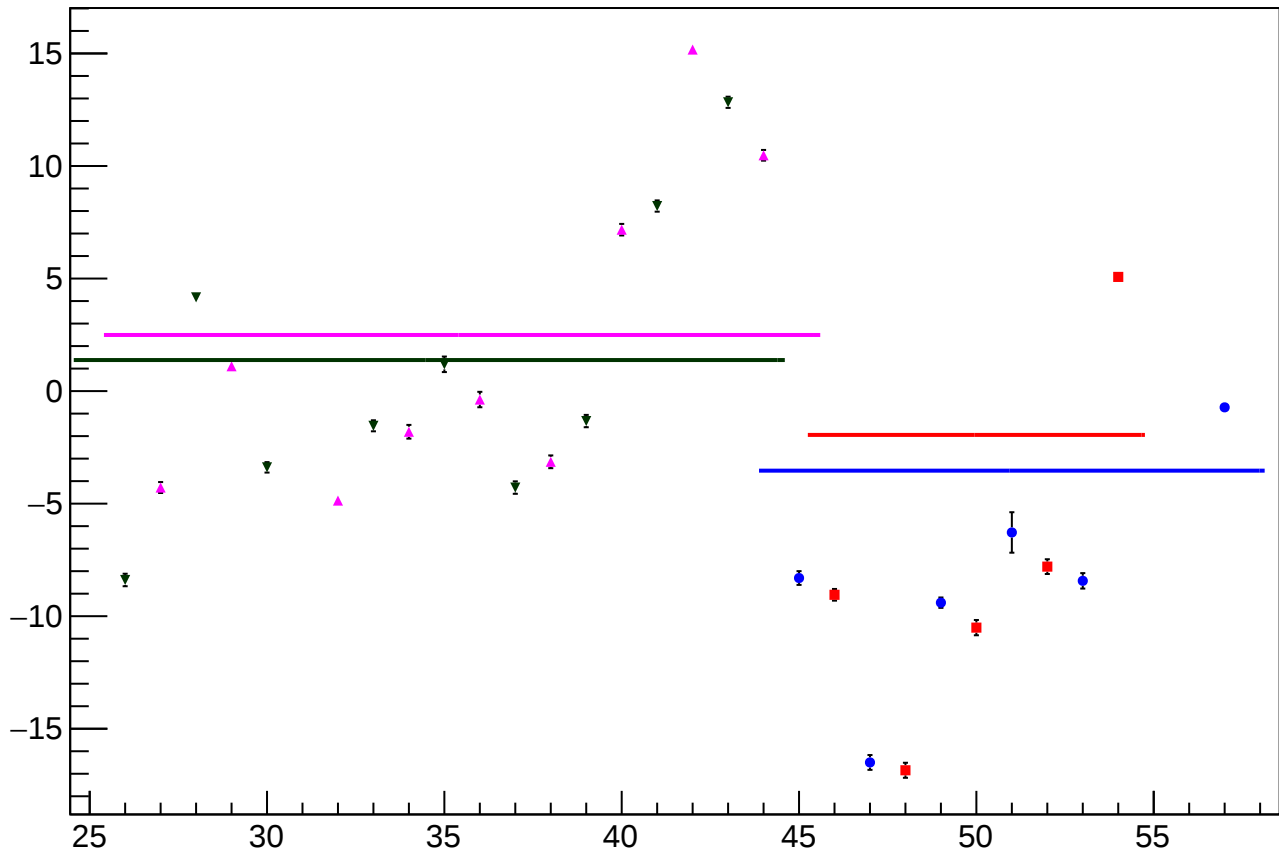
Right Out: -73.622 ± 0.518 $\chi^2/\text{NDF}: 17149.9/4$

Left In: -148.011 ± 0.348 $\chi^2/\text{NDF}: 3260.7/8$

-89.309 ± 0.279 $\chi^2/\text{NDF}: 99313.6/14$

-124.853 ± 0.289 $\chi^2/\text{NDF}: 34635.2/13$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -3.534+/-0.078 χ^2/NDF : 3571.3/5

Left Out: 1.380+/-0.083 χ^2/NDF : 5402.0/8

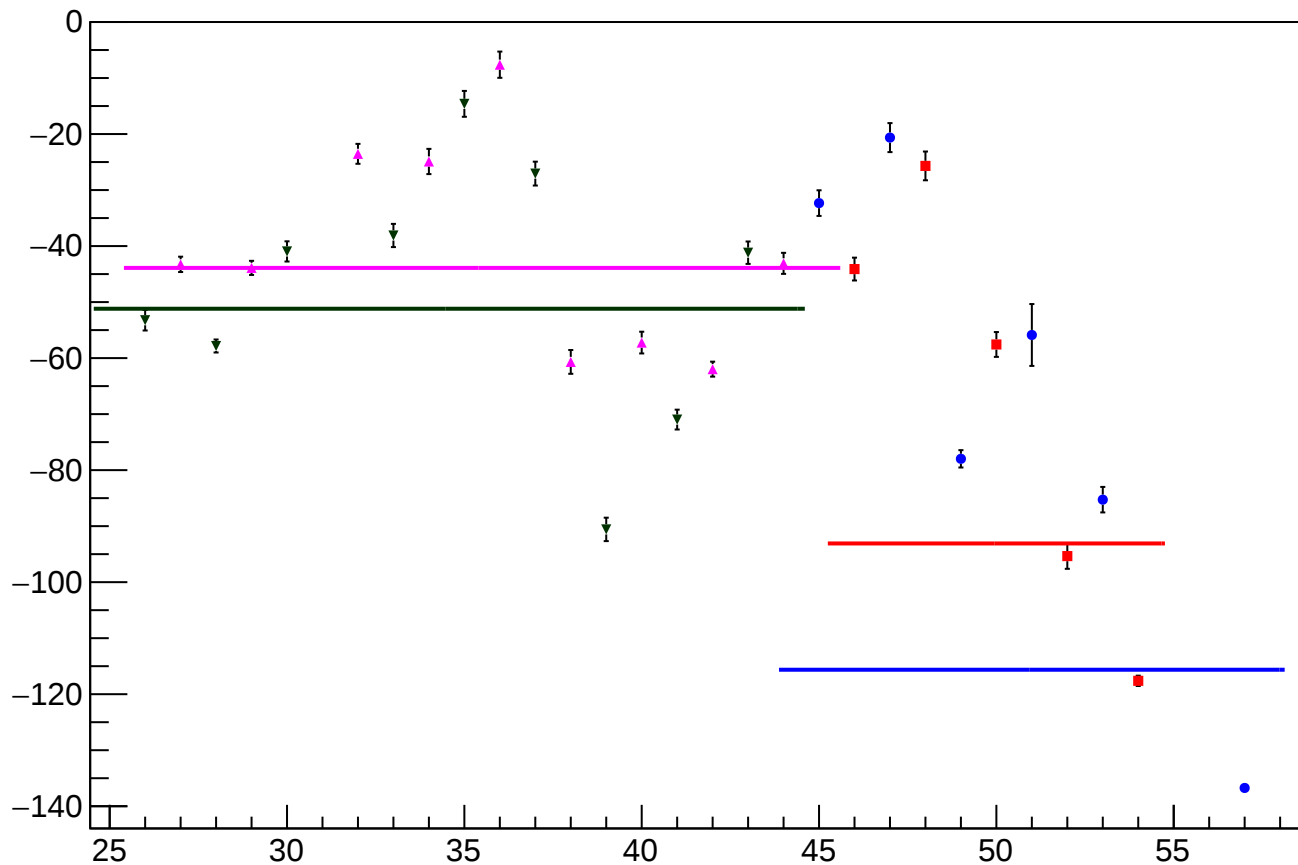
Right Out: -1.947+/-0.103 χ^2/NDF : 6272.8/4

Left In: 2.493+/-0.081 χ^2/NDF : 7773.1/8

-1.240+/-0.057 χ^2/NDF : 10828.6/14

0.794+/-0.064 χ^2/NDF : 15191.8/13

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: -115.633+/-0.533 χ^2/NDF : 4686.4/5

Left Out: -51.187+/-0.599 χ^2/NDF : 989.9/8

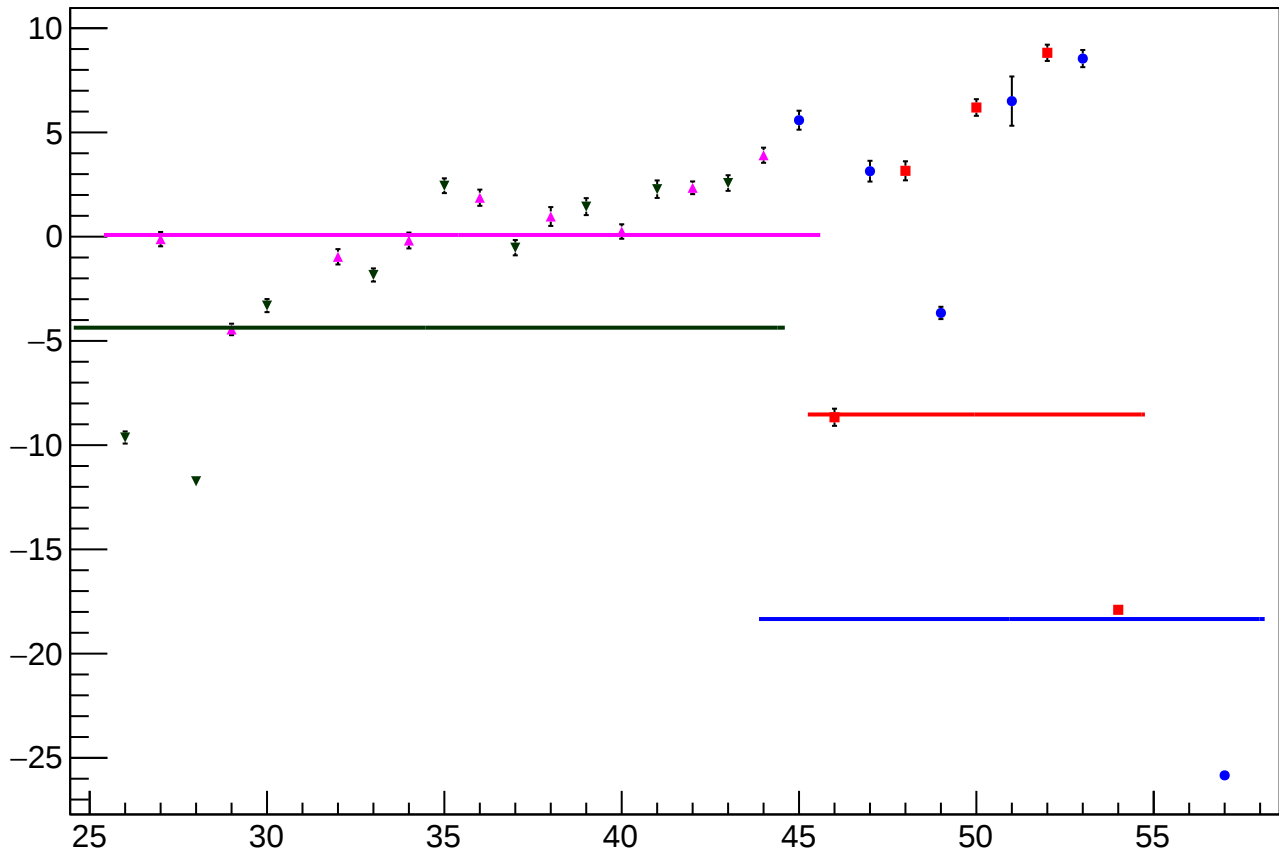
Right Out: -93.090+/-0.714 χ^2/NDF : 2230.4/4

Left In: -43.897+/-0.560 χ^2/NDF : 735.5/8

-87.174+/-0.398 χ^2/NDF : 12133.2/14

-62.644+/-0.441 χ^2/NDF : 5907.2/13

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -18.341 $\pm$ 0.100 χ^2 /NDF: 15887.2/5

Left Out: -4.365 $\pm$ 0.105 χ^2 /NDF: 2995.2/8

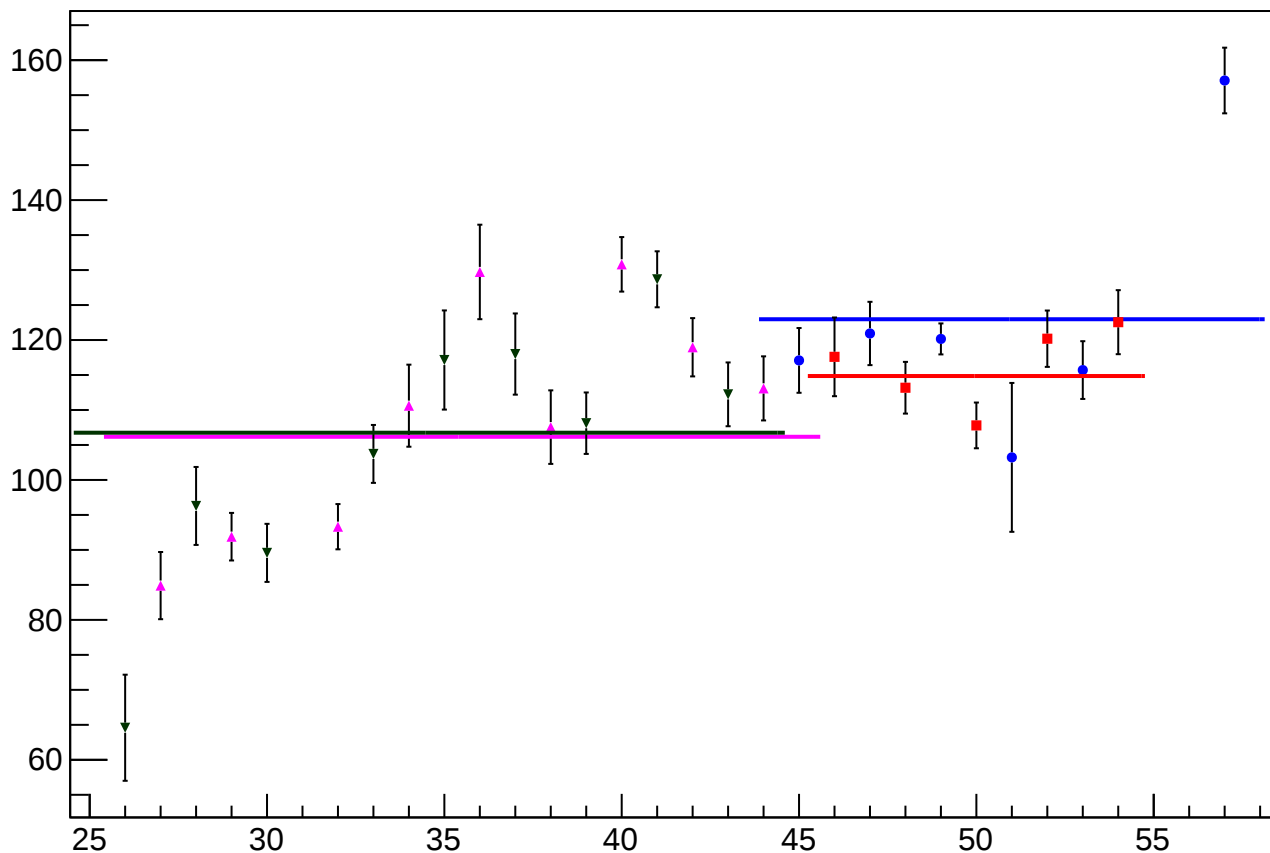
Right Out: -8.529 $\pm$ 0.139 χ^2 /NDF: 6436.8/4

Left In: 0.082 $\pm$ 0.116 χ^2 /NDF: 470.0/8

-11.698 $\pm$ 0.073 χ^2 /NDF: 28148.7/14

-3.449 $\pm$ 0.089 χ^2 /NDF: 9155.9/13

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 122.970 $\pm$ 1.557 χ^2 /NDF: 62.8/5

Left Out: 106.753 $\pm$ 1.626 χ^2 /NDF: 89.6/8

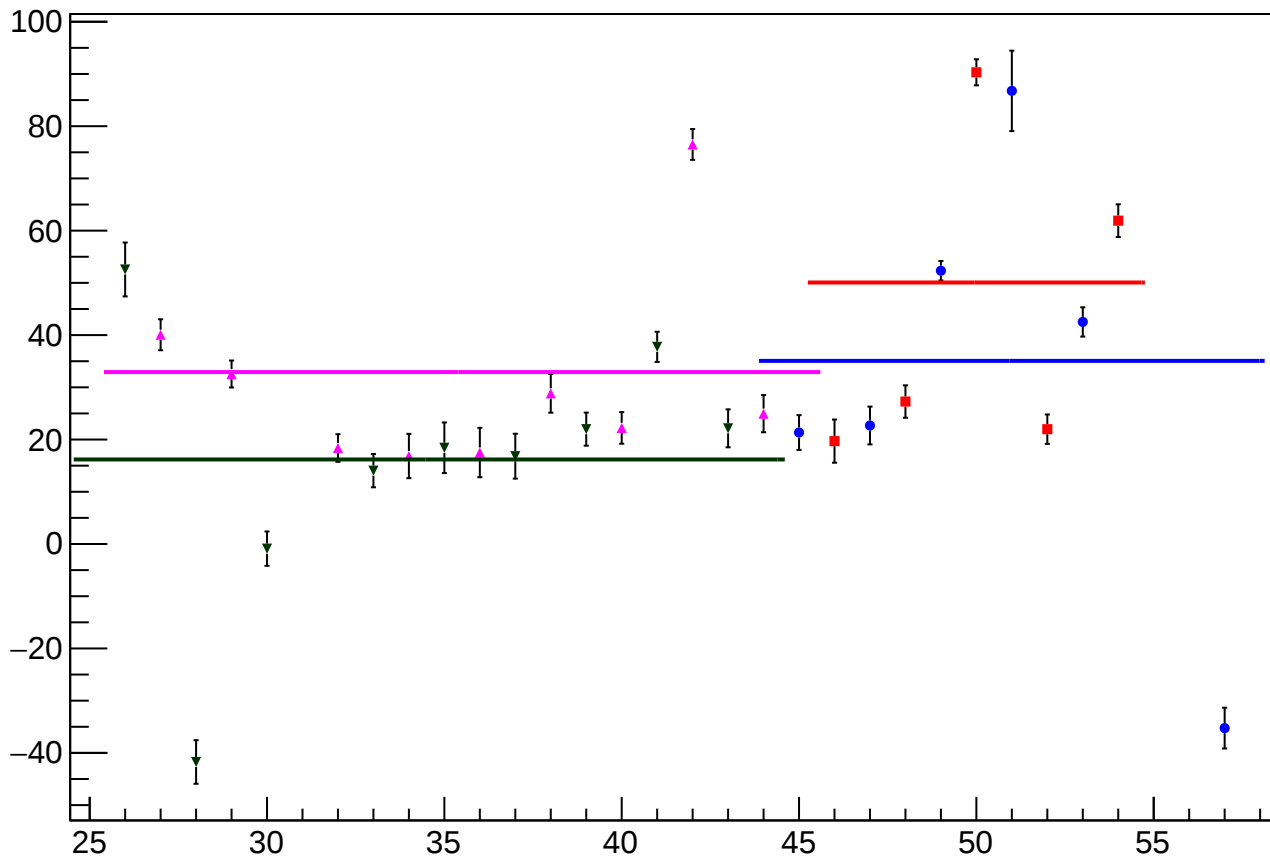
Right Out: 114.854 $\pm$ 1.802 χ^2 /NDF: 9.7/4

Left In: 106.171 $\pm$ 1.438 χ^2 /NDF: 117.6/8

115.215 $\pm$ 1.125 χ^2 /NDF: 204.3/14

109.547 $\pm$ 1.124 χ^2 /NDF: 141.5/13

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 35.066+/-1.227 χ^2/NDF : 491.1/5

Left Out: 16.187+/-1.214 χ^2/NDF : 331.6/8

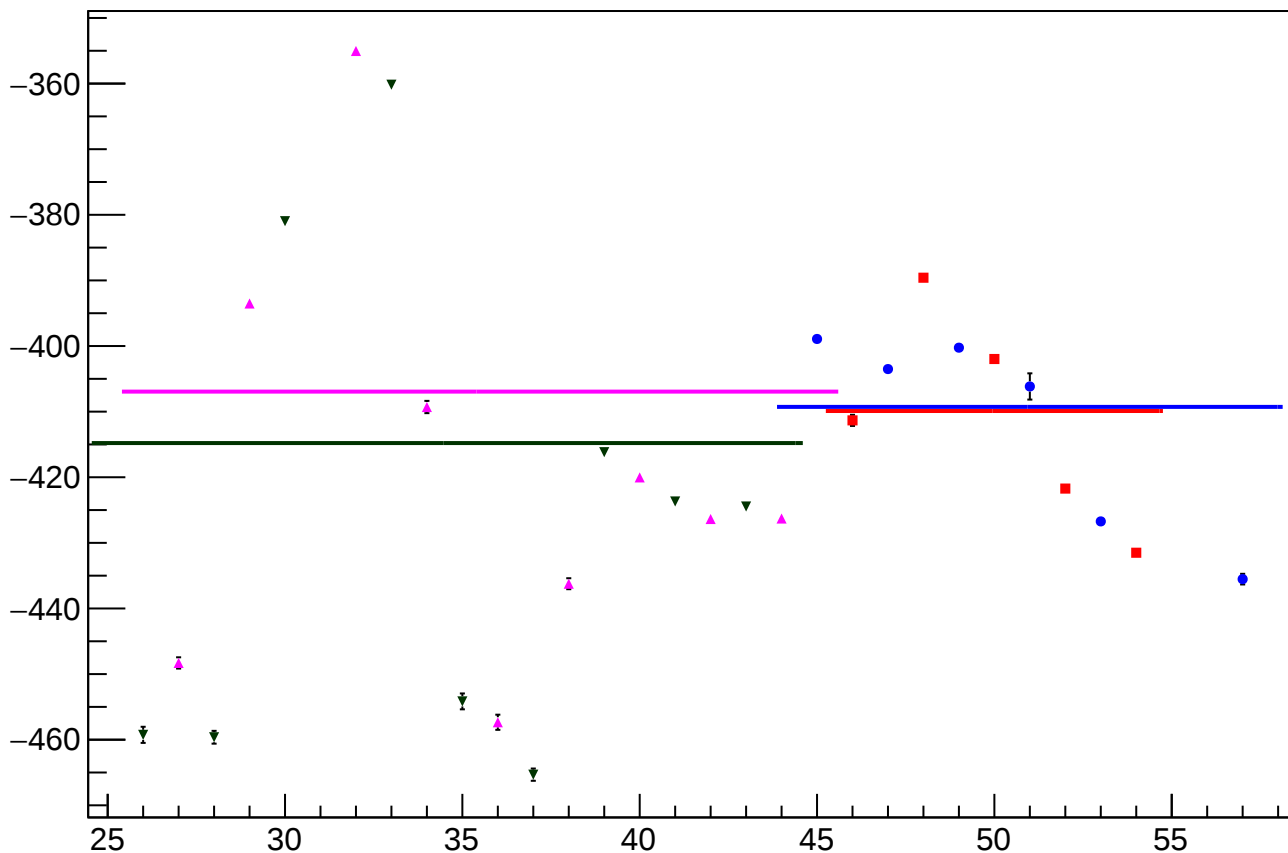
Right Out: 50.074+/-1.347 χ^2/NDF : 482.3/4

Left In: 32.922+/-1.064 χ^2/NDF : 297.8/8

25.530+/-0.863 χ^2/NDF : 942.4/14

39.514+/-0.835 χ^2/NDF : 880.0/13

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -409.275 ± 0.288 χ^2/NDF : 2278.1/5

Left Out: -414.789 ± 0.271 χ^2/NDF : 17193.7/8

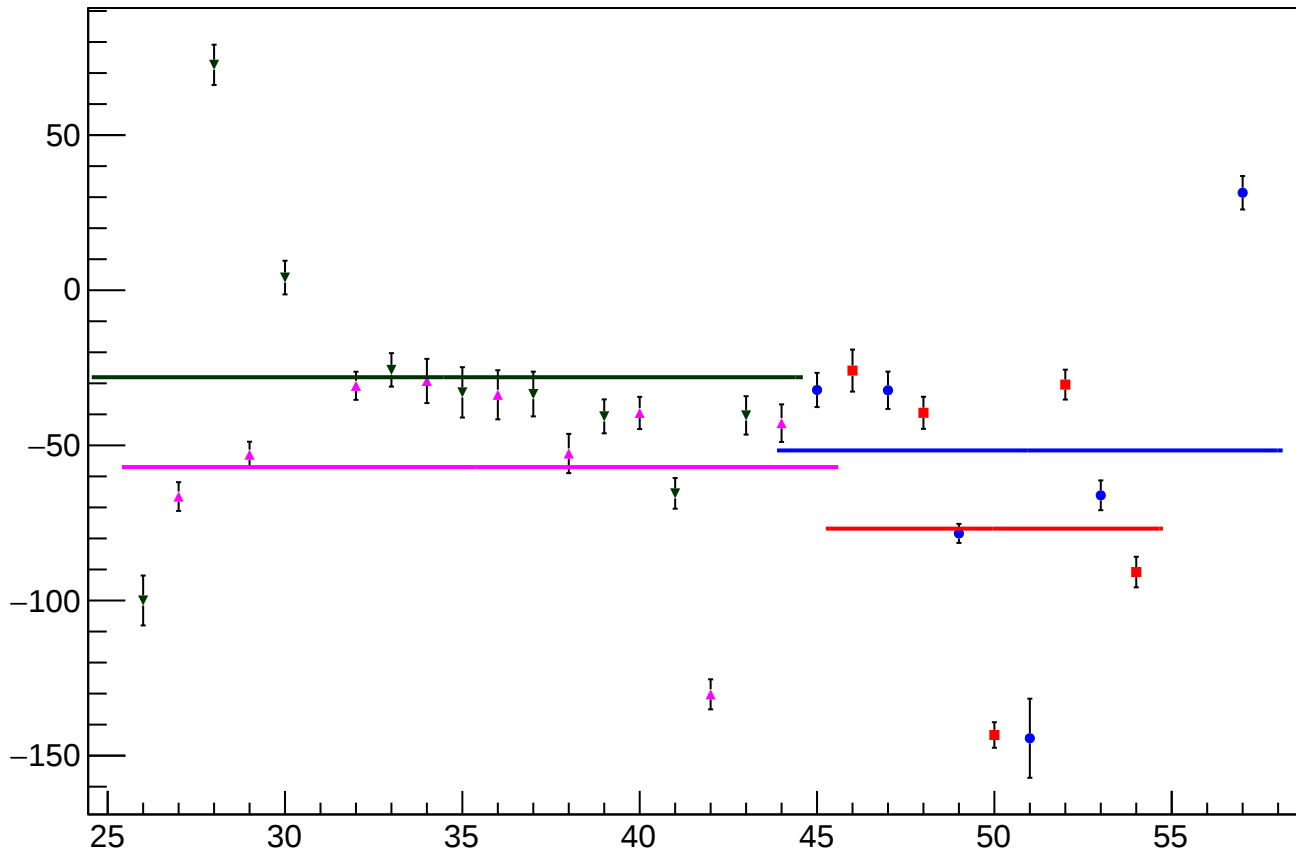
Right Out: -409.904 ± 0.317 χ^2/NDF : 2178.3/4

Left In: -406.947 ± 0.246 χ^2/NDF : 18132.7/8

-412.197 ± 0.197 χ^2/NDF : 19666.2/14

-408.058 ± 0.194 χ^2/NDF : 20365.3/13

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -51.635+/-1.996 χ^2/NDF : 398.5/5

Left Out: -28.036+/-2.031 χ^2/NDF : 423.4/8

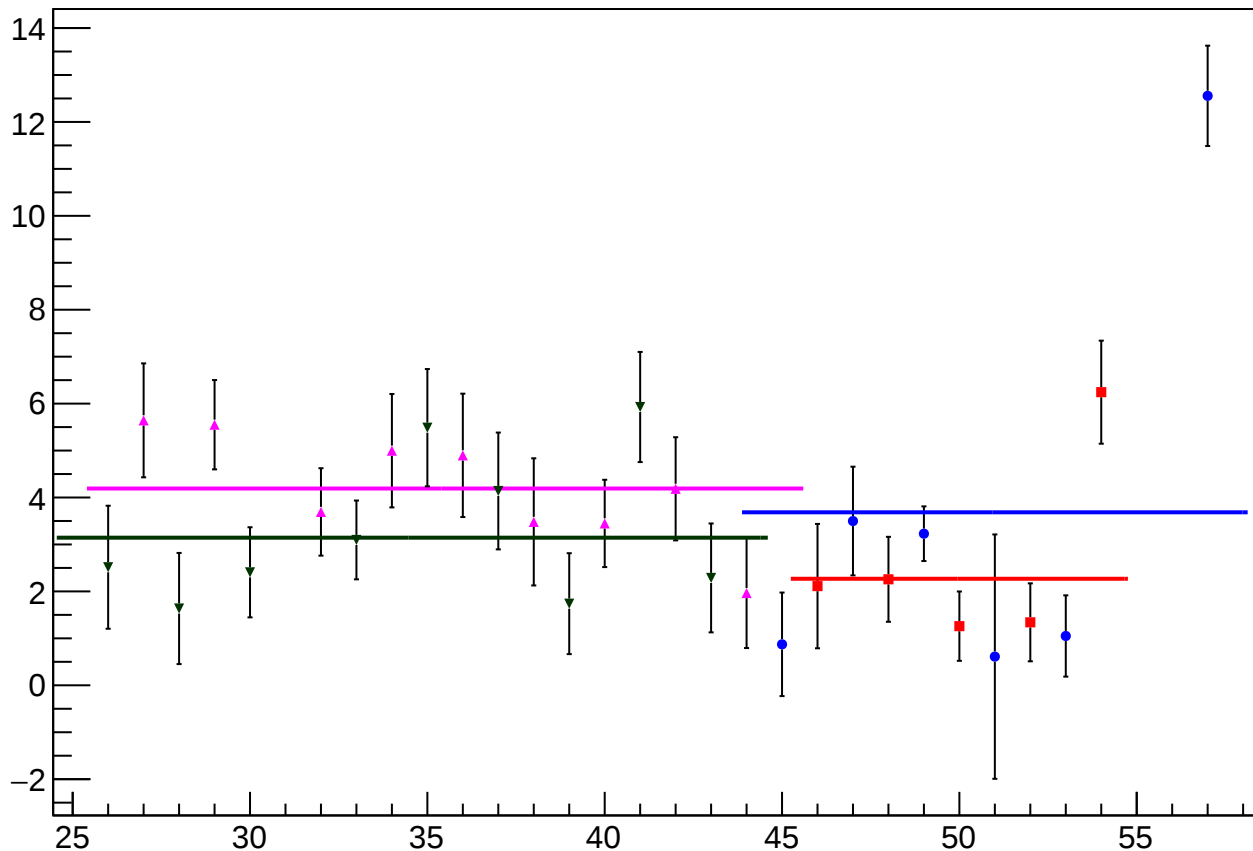
Right Out: -76.826+/-2.222 χ^2/NDF : 471.1/4

Left In: -56.994+/-1.767 χ^2/NDF : 308.6/8

-40.040+/-1.424 χ^2/NDF : 890.6/14

-64.680+/-1.383 χ^2/NDF : 828.4/13

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: 3.685 ± 0.381 χ^2/NDF : 86.7/5

Left Out: 3.144 ± 0.367 χ^2/NDF : 14.5/8

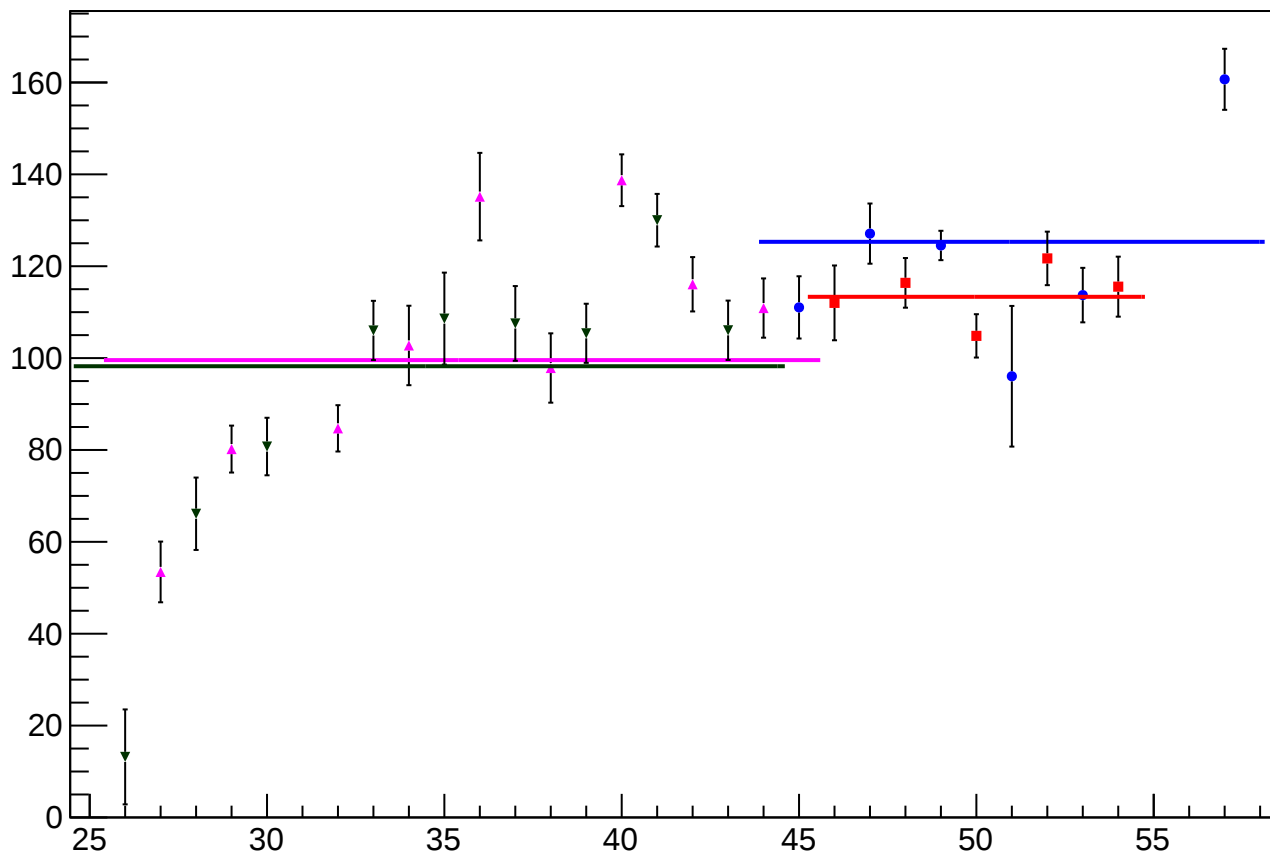
Right Out: 2.269 ± 0.412 χ^2/NDF : 16.2/4

Left In: 4.191 ± 0.366 χ^2/NDF : 9.0/8

3.404 ± 0.264 χ^2/NDF : 102.2/14

3.342 ± 0.274 χ^2/NDF : 37.4/13

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 125.313 $\pm$ 2.245 χ^2 /NDF: 40.4/5

Left Out: 98.229 $\pm$ 2.366 χ^2 /NDF:129.5/8

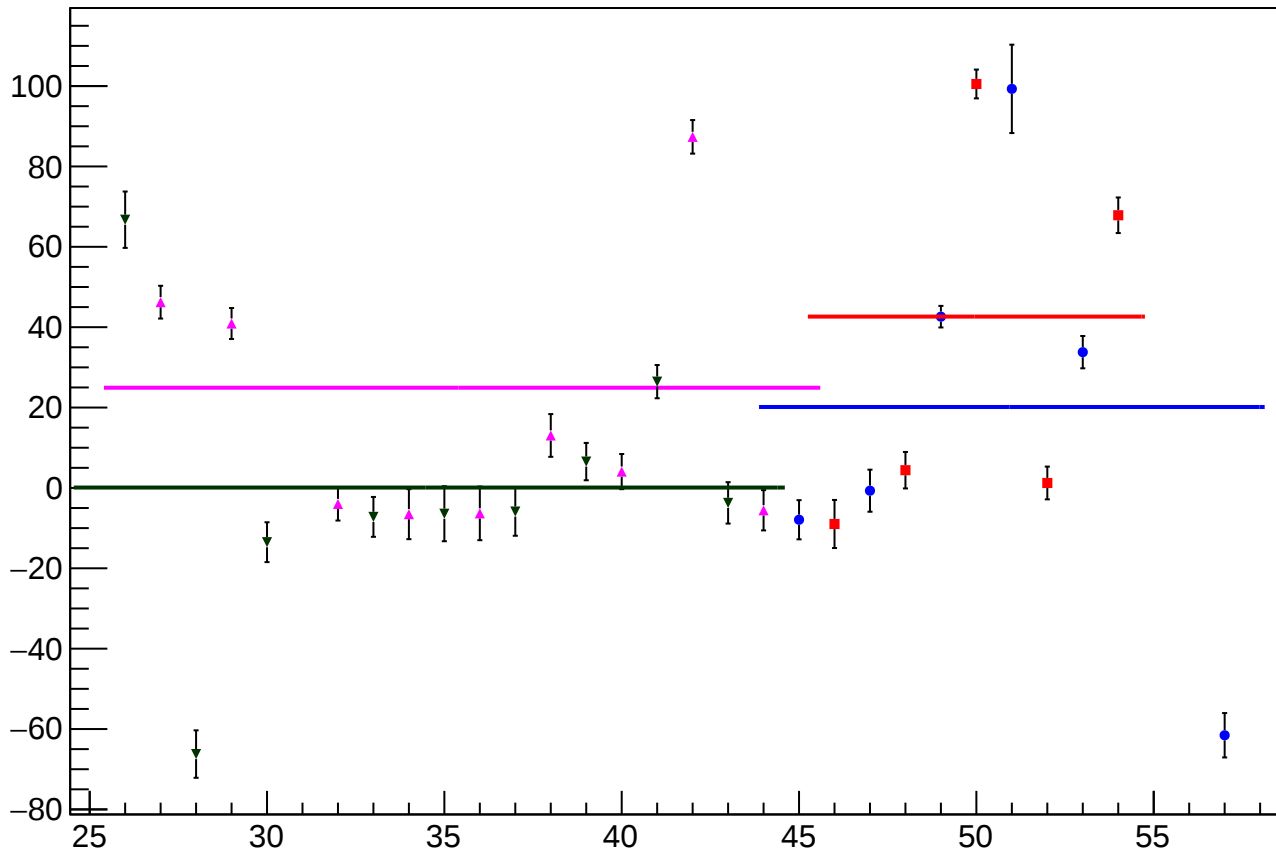
Right Out: 113.342 $\pm$ 2.607 χ^2 /NDF: 5.8/4

Left In: 99.563 $\pm$ 2.101 χ^2 /NDF:145.0/8

112.479 $\pm$ 1.629 χ^2 /NDF: 238.8/14

104.988 $\pm$ 1.636 χ^2 /NDF: 167.7/13

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: 20.141 $\pm$ 1.767 χ^2 /NDF: 401.3/5

Left Out: 0.093 $\pm$ 1.763 χ^2 /NDF:271.1/8

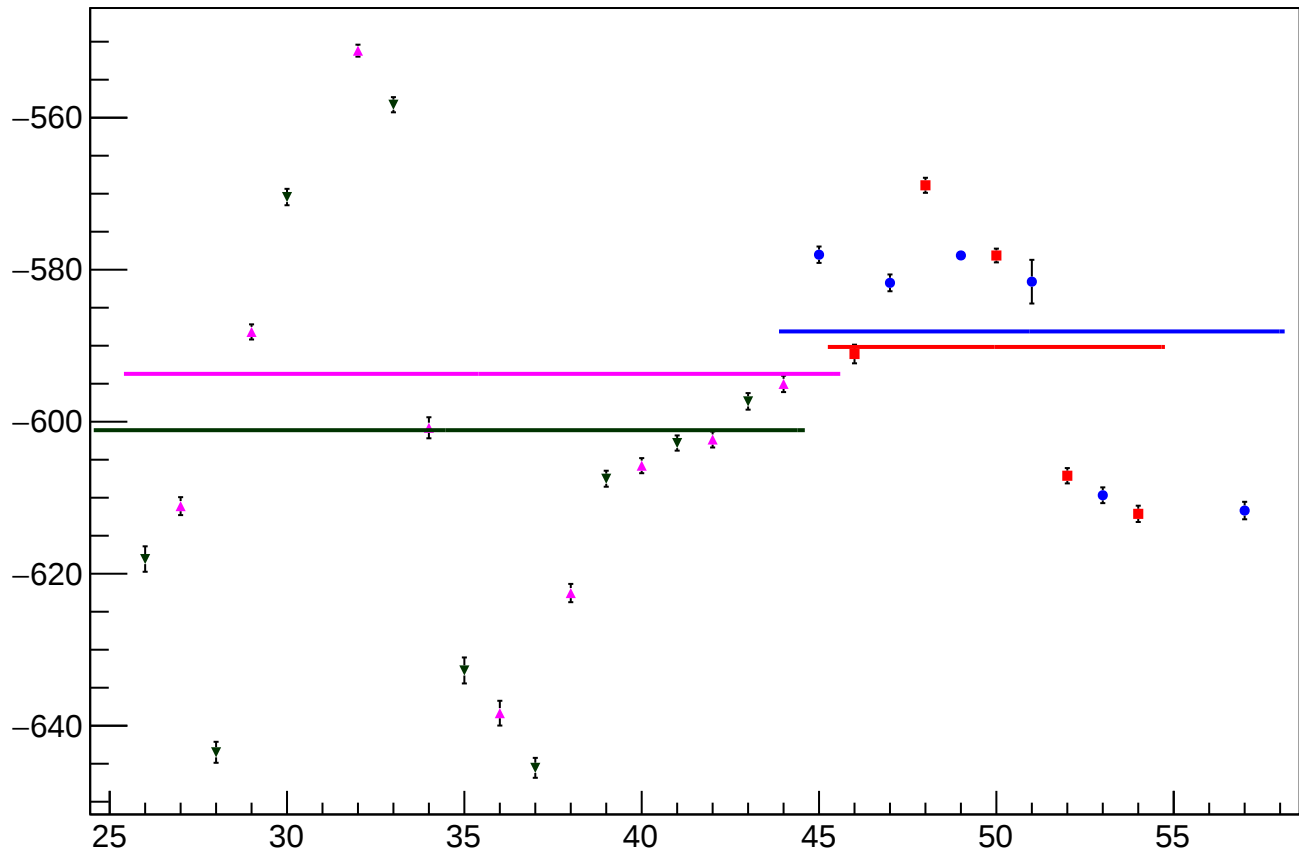
Right Out: 42.637 $\pm$ 1.941 χ^2 /NDF: 541.7/4

Left In: 24.935 $\pm$ 1.545 χ^2 /NDF:429.4/8

10.095 $\pm$ 1.248 χ^2 /NDF: 736.9/14

31.799 $\pm$ 1.209 χ^2 /NDF: 1022.0/13

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -588.122+/-0.415 χ^2/NDF : 1208.8/5

Left Out: -601.116+/-0.395 χ^2/NDF : 5229.3/8

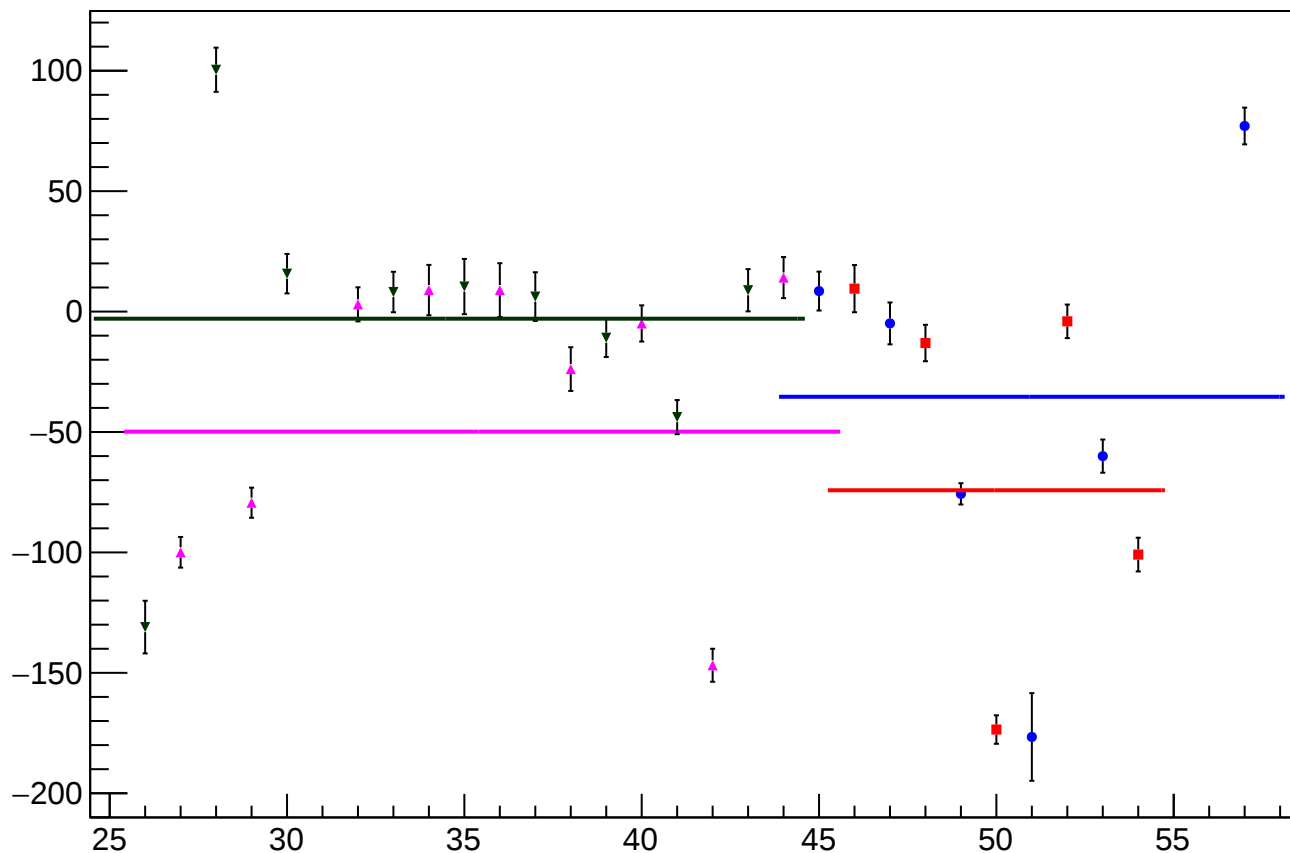
Right Out: -590.163+/-0.459 χ^2/NDF : 1340.0/4

Left In: -593.704+/-0.360 χ^2/NDF : 4731.8/8

-594.943+/-0.286 χ^2/NDF : 6952.1/14

-592.352+/-0.283 χ^2/NDF : 6108.6/13

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: -35.374 ± 2.873 χ^2/NDF : 415.4/5

Left Out: -2.951 ± 2.946 χ^2/NDF : 309.3/8

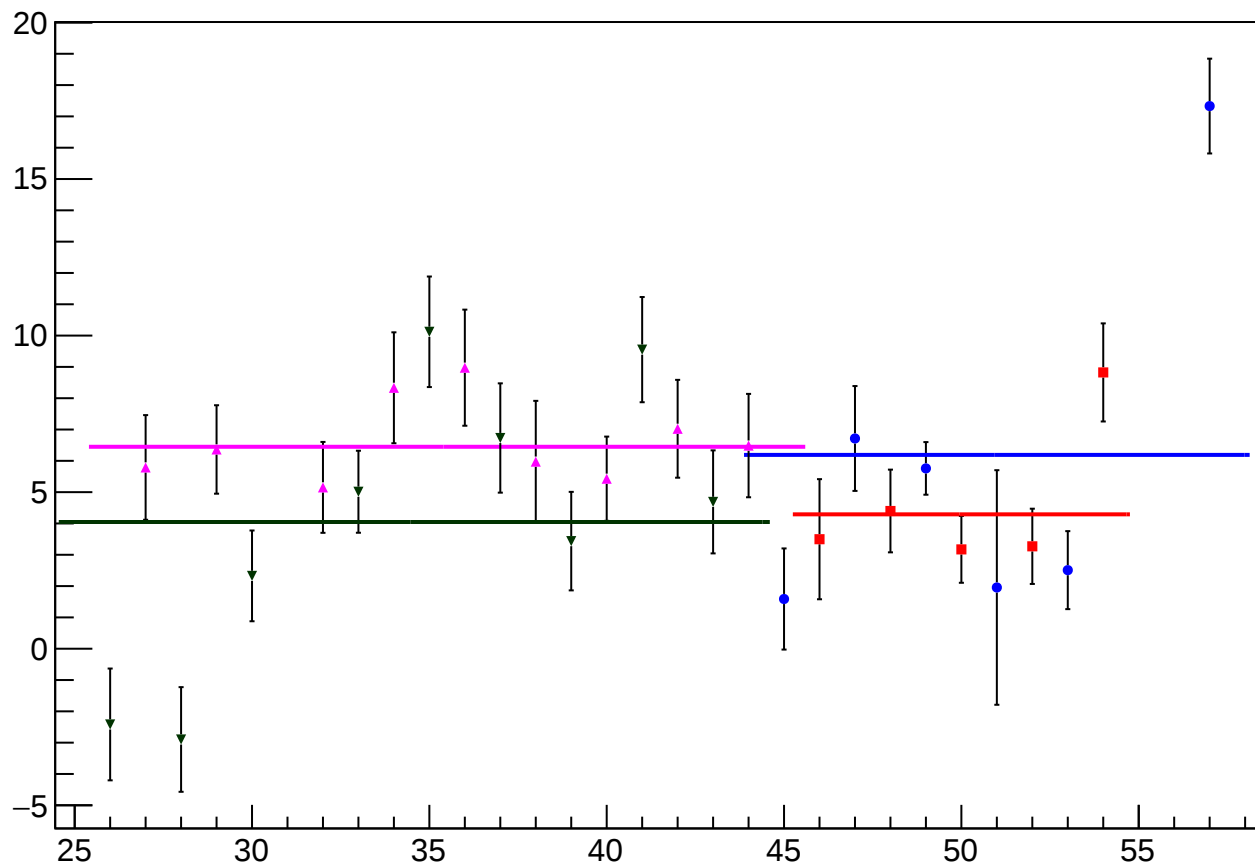
Right Out: -74.194 ± 3.203 χ^2/NDF : 536.2/4

Left In: -49.855 ± 2.562 χ^2/NDF : 500.0/8

-19.568 ± 2.057 χ^2/NDF : 786.8/14

-59.347 ± 2.001 χ^2/NDF : 1071.4/13

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 6.190 ± 0.550 χ^2/NDF : 72.7/5

Left Out: 4.047 ± 0.534 χ^2/NDF : 57.6/8

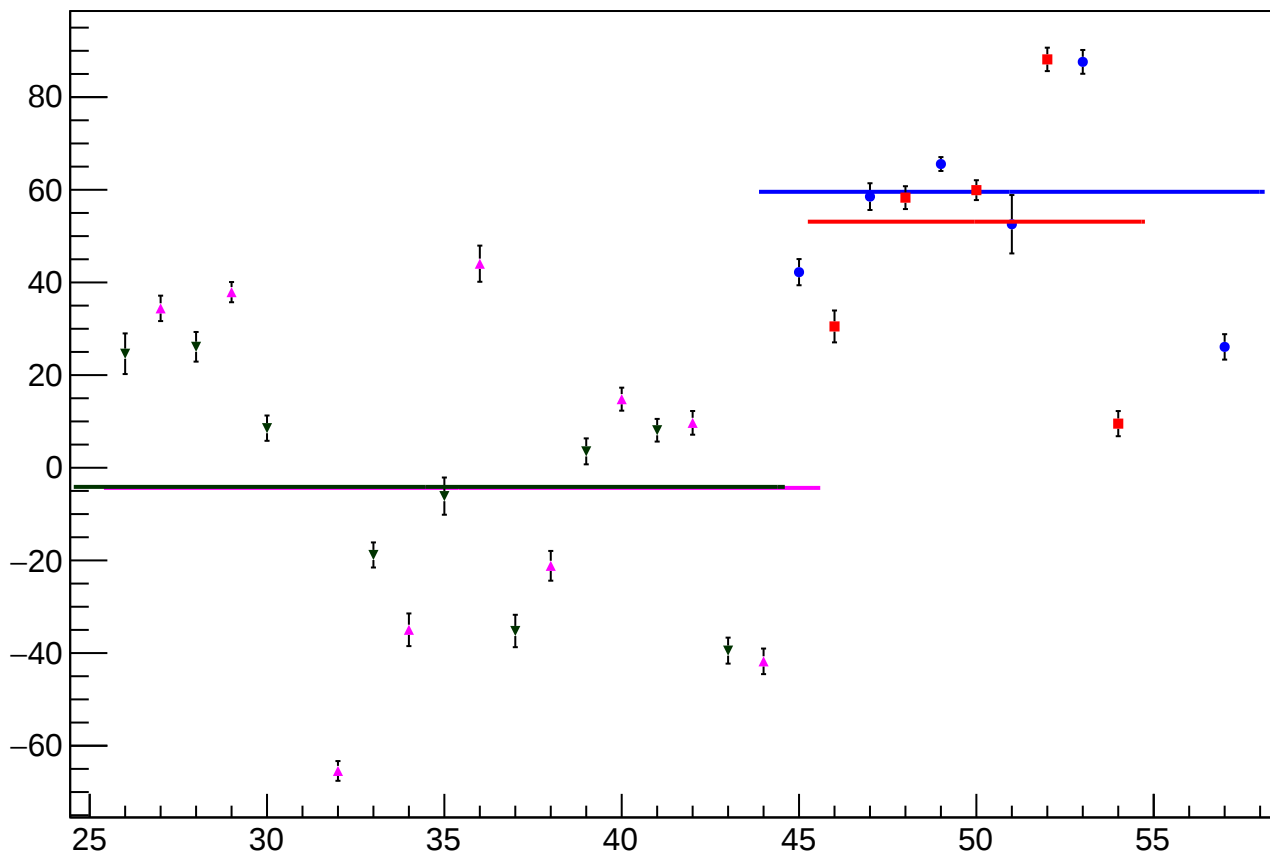
Right Out: 4.291 ± 0.595 χ^2/NDF : 10.4/4

Left In: 6.449 ± 0.532 χ^2/NDF : 4.7/8

5.087 ± 0.383 χ^2/NDF : 138.1/14

5.491 ± 0.396 χ^2/NDF : 22.4/13

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 59.564+/-1.000 χ^2 /NDF: 323.0/5

Left Out: -4.129+/-1.007 χ^2 /NDF:453.7/8

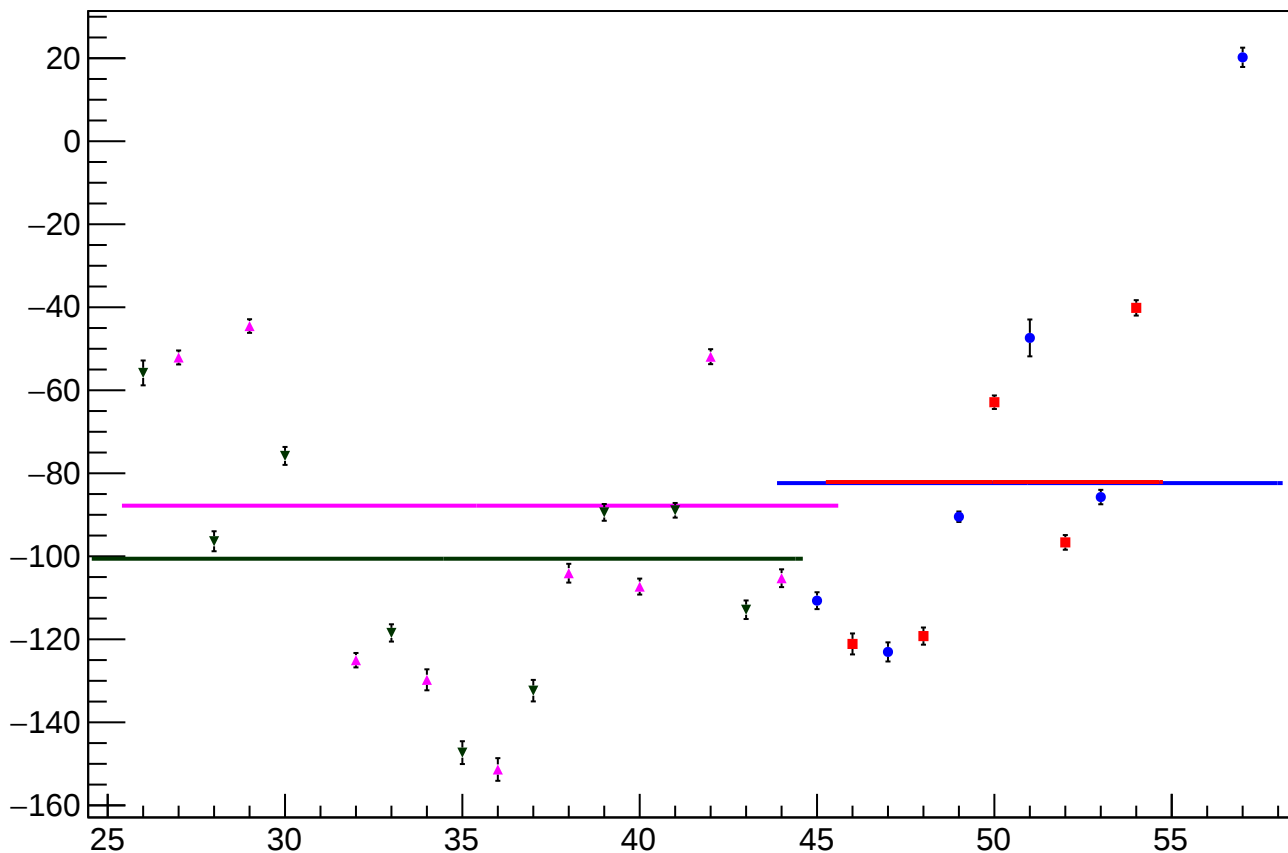
Right Out: 53.116+/-1.148 χ^2 /NDF: 507.0/4

Left In: -4.348+/-0.893 χ^2 /NDF:1927.7/8

27.944+/-0.710 χ^2 /NDF: 2790.0/14

17.321+/-0.705 χ^2 /NDF: 3995.0/13

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -82.363 ± 0.784 $\chi^2/\text{NDF}: 2559.2/5$

Left Out: -100.583 ± 0.750 $\chi^2/\text{NDF}: 975.8/8$

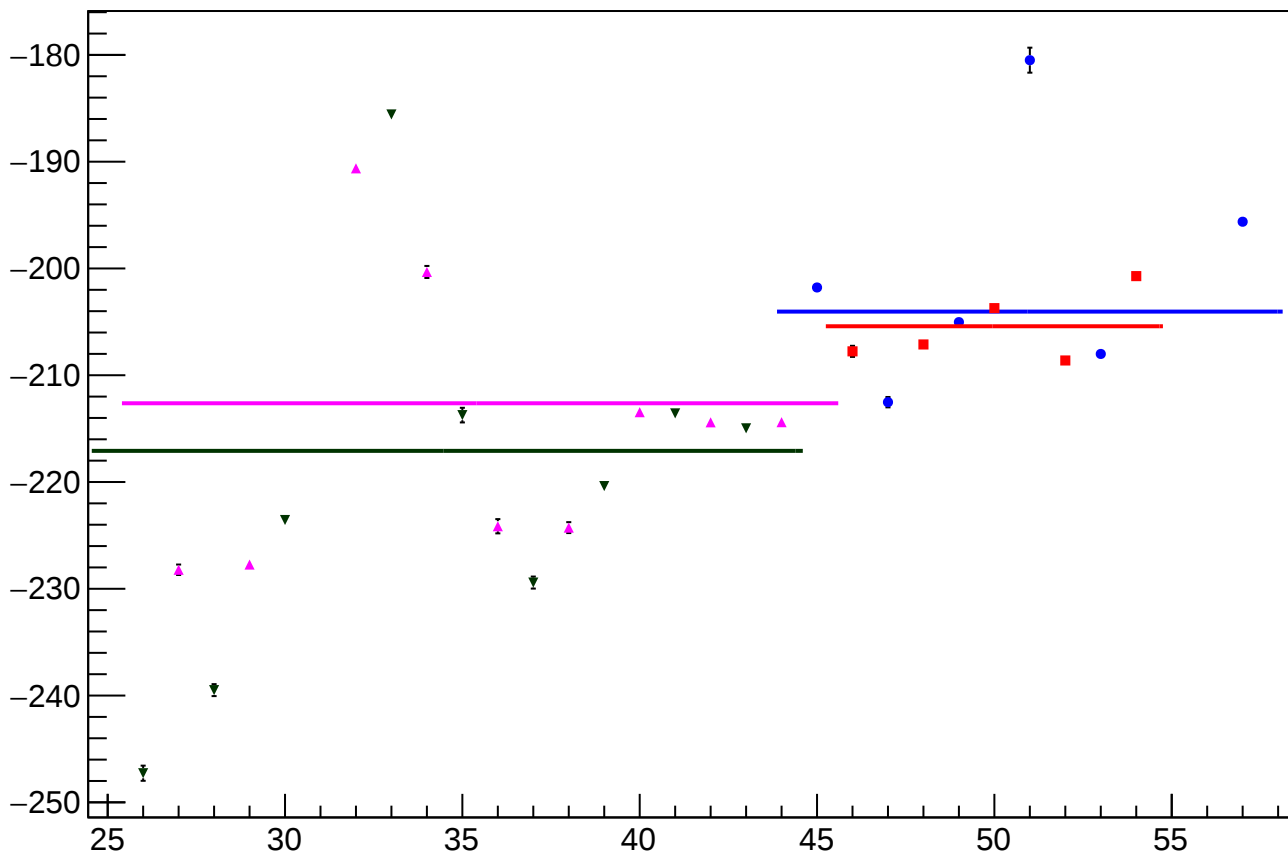
Right Out: -82.100 ± 0.852 $\chi^2/\text{NDF}: 1278.7/4$

Left In: -87.800 ± 0.654 $\chi^2/\text{NDF}: 3036.8/8$

-91.869 ± 0.542 $\chi^2/\text{NDF}: 3817.1/14$

-85.685 ± 0.519 $\chi^2/\text{NDF}: 4343.6/13$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -204.040 $\pm$ 0.183 χ^2 /NDF: 1138.9/5

Left Out: -217.083 $\pm$ 0.168 χ^2 /NDF: 9883.1/8

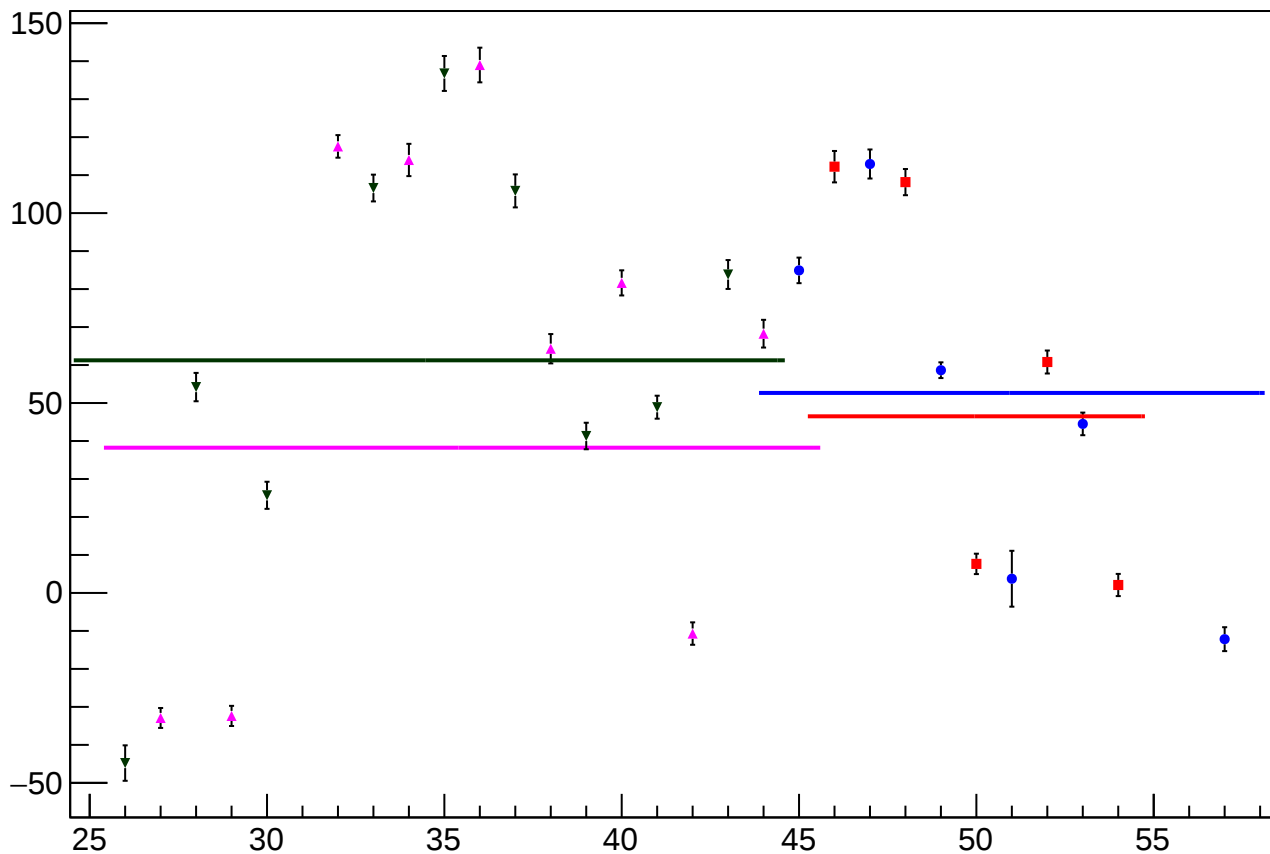
Right Out: -205.413 $\pm$ 0.201 χ^2 /NDF: 217.2/4

Left In: -212.625 $\pm$ 0.153 χ^2 /NDF: 8043.8/8

-211.109 $\pm$ 0.124 χ^2 /NDF: 13776.4/14

-209.978 $\pm$ 0.122 χ^2 /NDF: 9078.8/13

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 52.657+/-1.268 χ^2 /NDF: 824.7/5

Left Out: 61.242+/-1.253 χ^2 /NDF:1243.9/8

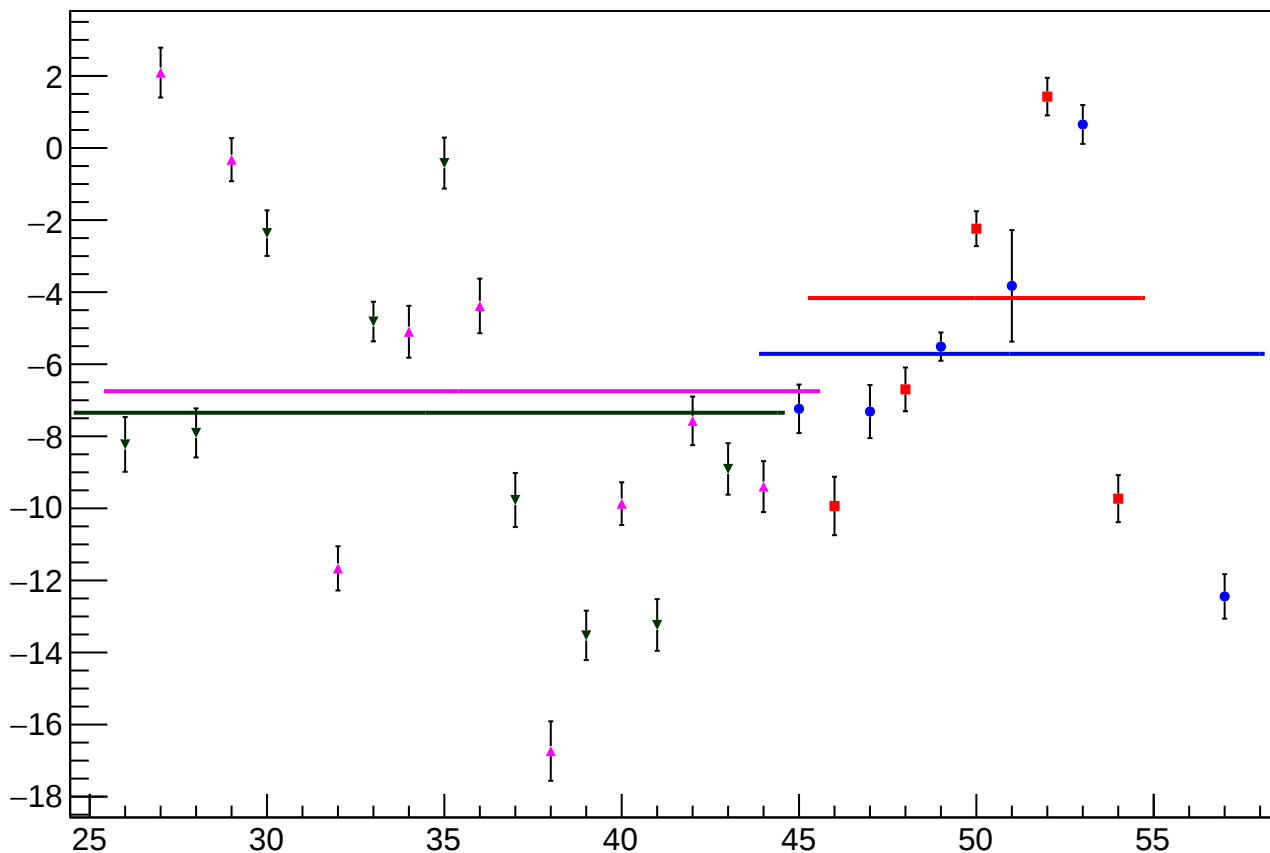
Right Out: 46.500+/-1.403 χ^2 /NDF: 1035.1/4

Left In: 38.240+/-1.083 χ^2 /NDF:3520.6/8

57.001+/-0.891 χ^2 /NDF: 2091.8/14

41.324+/-0.858 χ^2 /NDF: 4577.4/13

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: -5.712+/-0.243 χ^2/NDF : 269.7/5

Left Out: -7.346+/-0.226 χ^2/NDF : 345.0/8

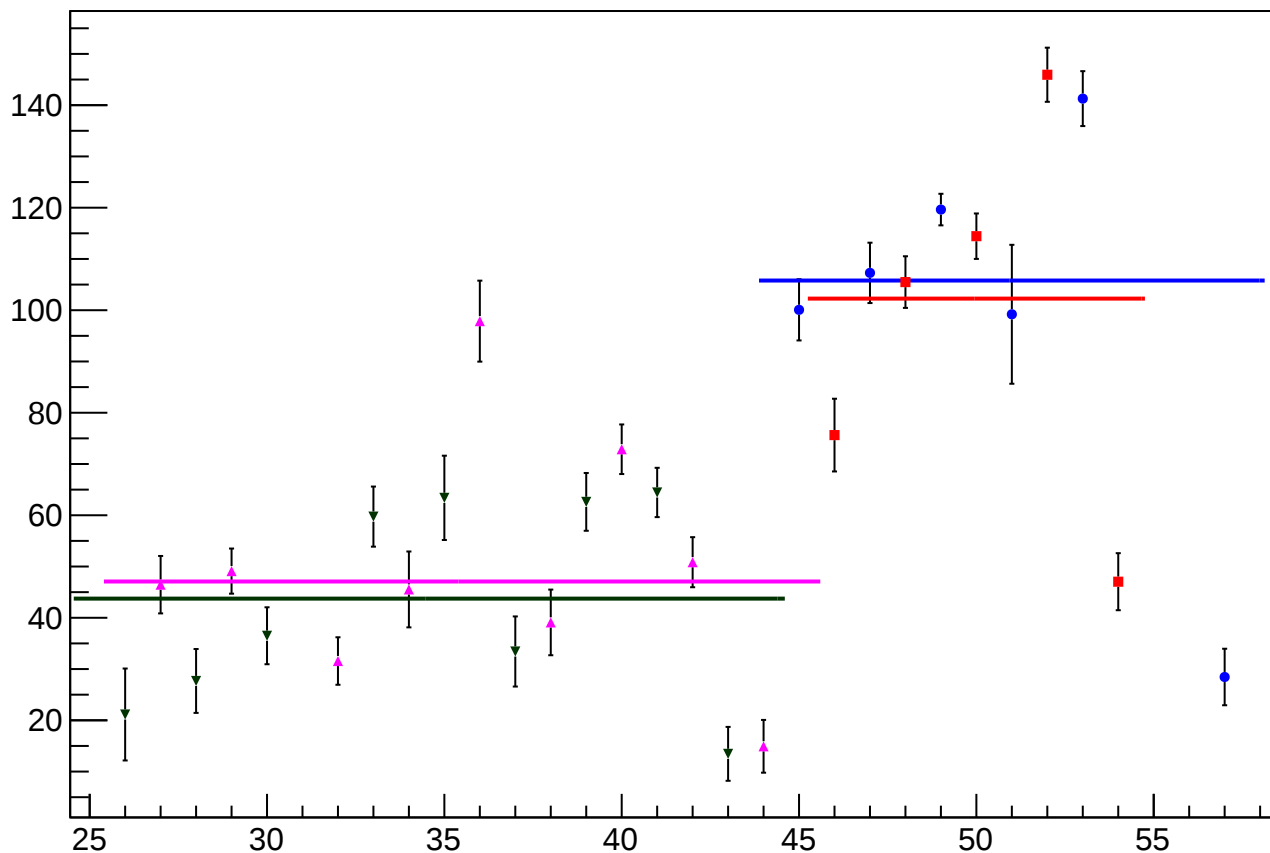
Right Out: -4.163+/-0.262 χ^2/NDF : 271.8/4

Left In: -6.747+/-0.225 χ^2/NDF : 547.5/8

-6.586+/-0.165 χ^2/NDF : 639.0/14

-5.651+/-0.171 χ^2/NDF : 875.2/13

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 105.790 $\pm$ 2.060 χ^2 /NDF: 262.2/5

Left Out: 43.740 $\pm$ 2.013 χ^2 /NDF:93.1/8

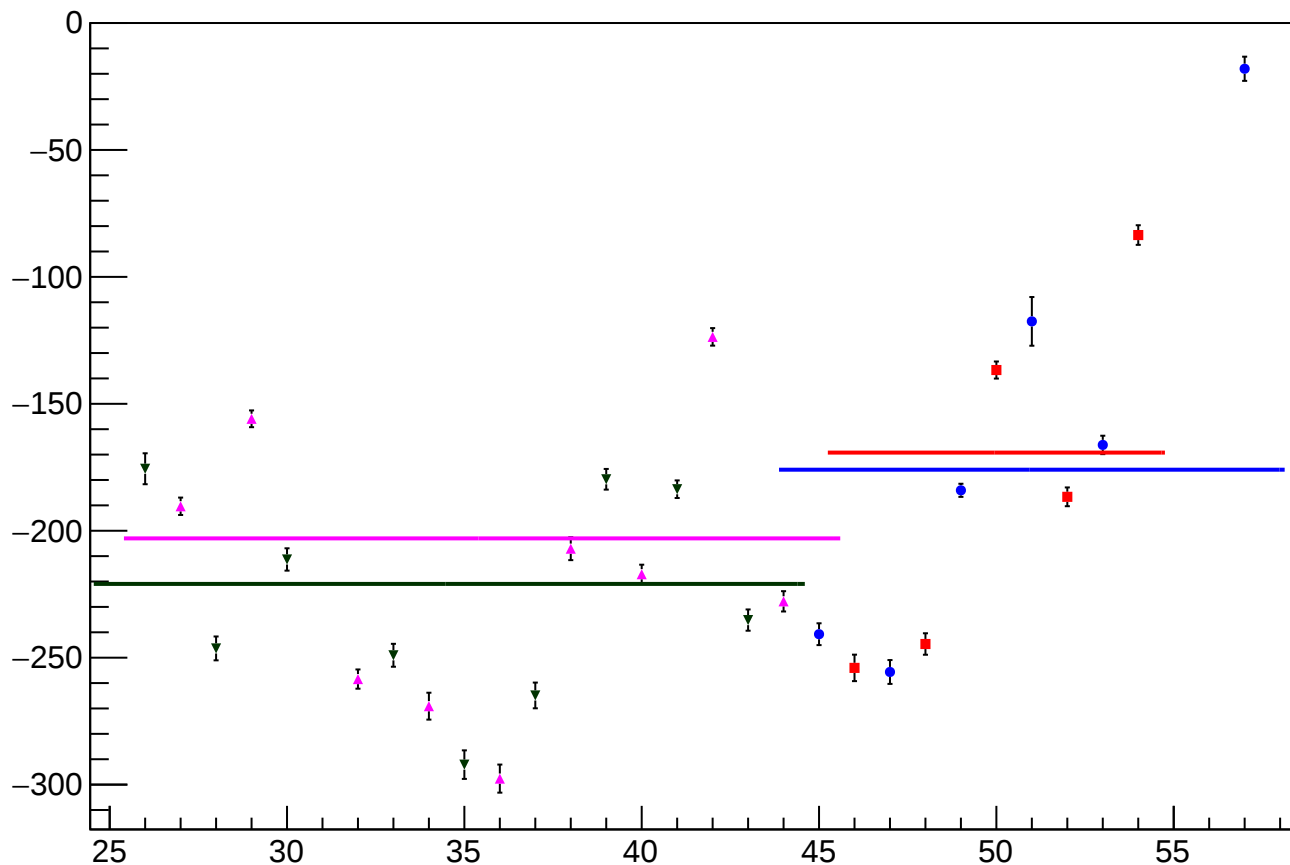
Right Out: 102.265 $\pm$ 2.368 χ^2 /NDF: 188.9/4

Left In: 47.079 $\pm$ 1.793 χ^2 /NDF:122.4/8

74.051 $\pm$ 1.440 χ^2 /NDF: 819.4/14

67.184 $\pm$ 1.429 χ^2 /NDF: 656.6/13

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -175.950 ± 1.622 χ^2/NDF : 1668.6/5

Left Out: -220.942 ± 1.501 χ^2/NDF : 593.2/8

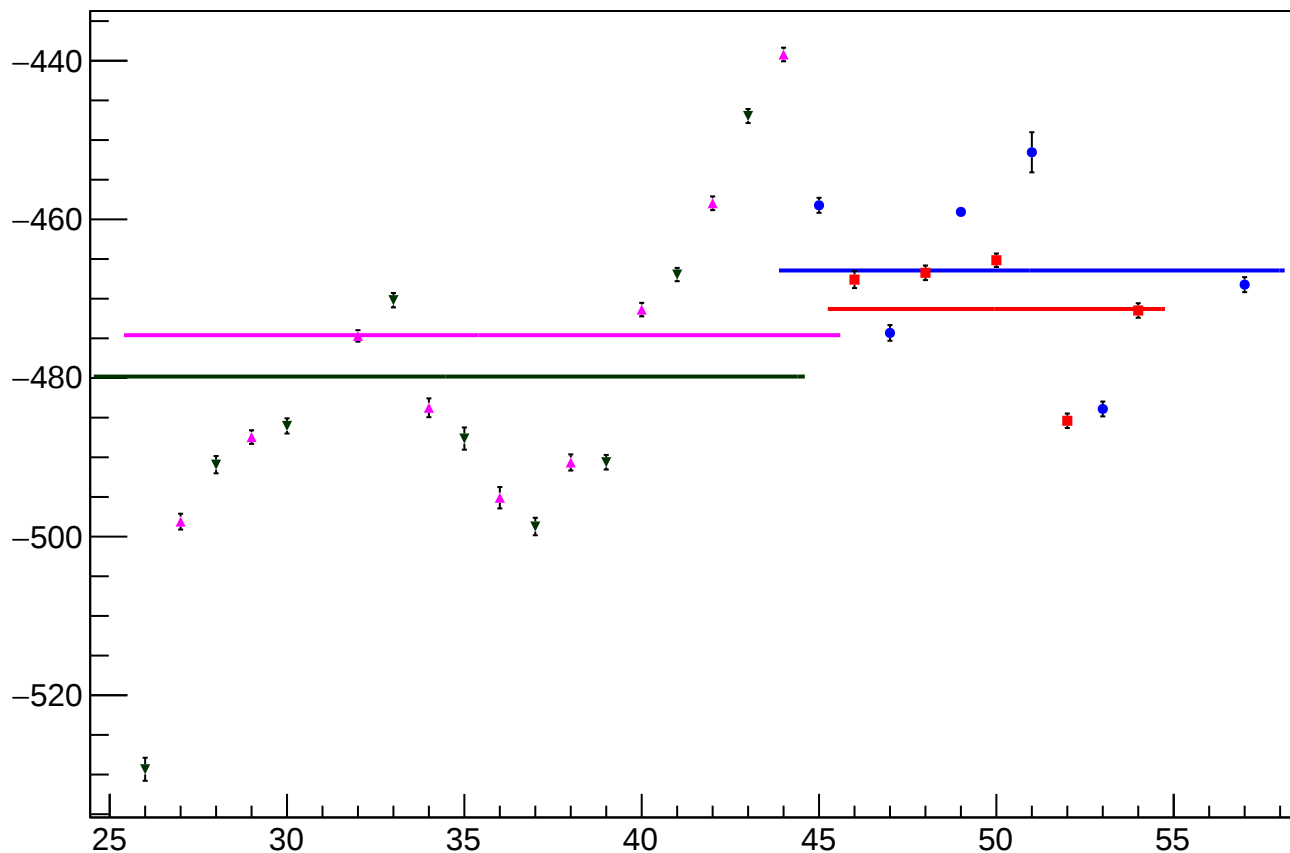
Right Out: -169.213 ± 1.764 χ^2/NDF : 1189.7/4

Left In: -203.009 ± 1.312 χ^2/NDF : 1461.1/8

-200.184 ± 1.101 χ^2/NDF : 2676.5/14

-190.980 ± 1.053 χ^2/NDF : 2887.2/13

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -466.444+/-0.377 χ^2 /NDF: 660.7/5

Left Out: -479.818+/-0.337 χ^2 /NDF:3488.7/8

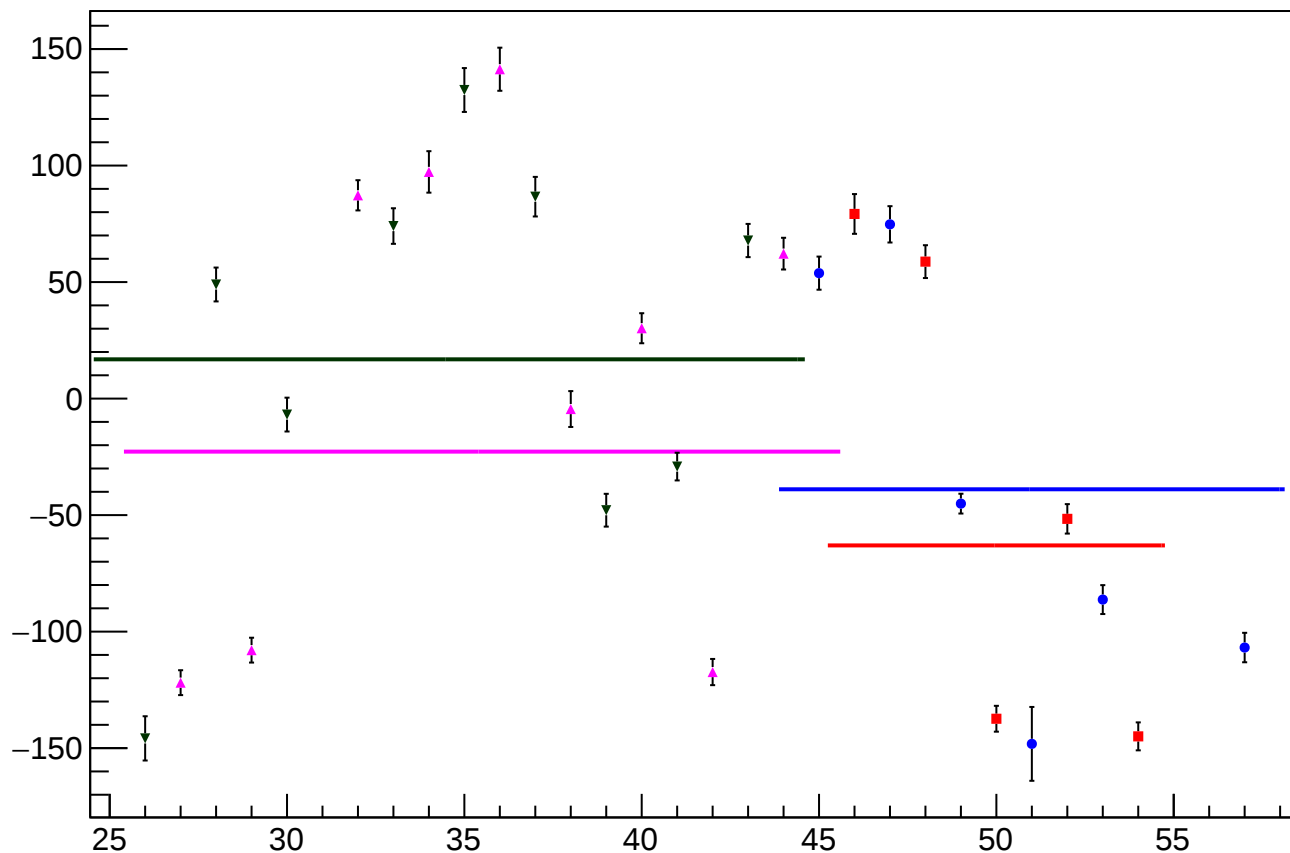
Right Out: -471.299+/-0.414 χ^2 /NDF: 326.6/4

Left In: -474.602+/-0.308 χ^2 /NDF:3381.8/8

-473.878+/-0.251 χ^2 /NDF: 4849.1/14

-473.427+/-0.247 χ^2 /NDF: 3749.3/13

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: -38.921 $\pm$ 2.611 χ^2 /NDF: 606.4/5

Left Out: 16.850 $\pm$ 2.504 χ^2 /NDF:793.7/8

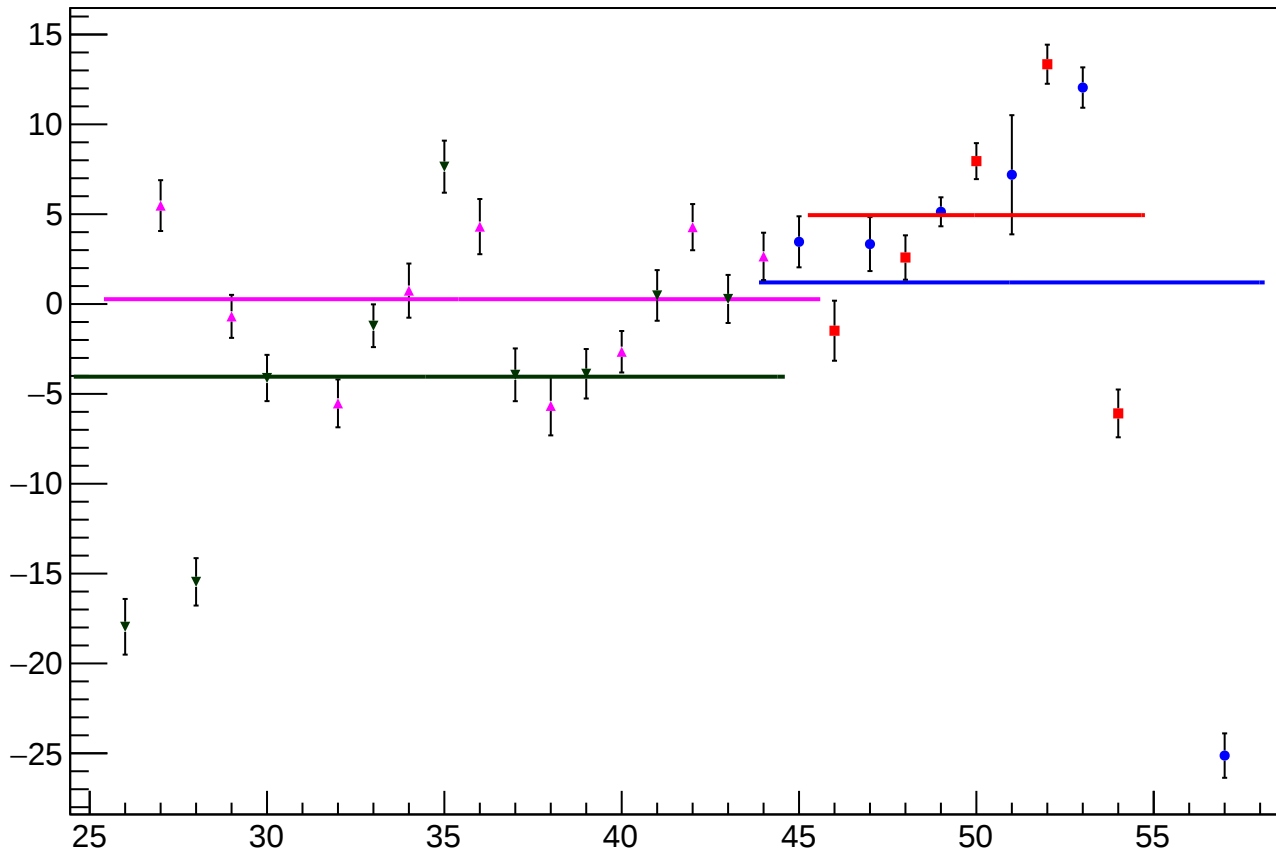
Right Out: -63.007 $\pm$ 2.896 χ^2 /NDF: 946.6/4

Left In: -22.758 $\pm$ 2.169 χ^2 /NDF:1896.5/8

-9.874 $\pm$ 1.807 χ^2 /NDF: 1637.9/14

-37.222 $\pm$ 1.736 χ^2 /NDF: 2966.8/13

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 1.203+/-0.499 χ^2/NDF : 578.5/5

Left Out: -4.043+/-0.455 χ^2/NDF : 247.2/8

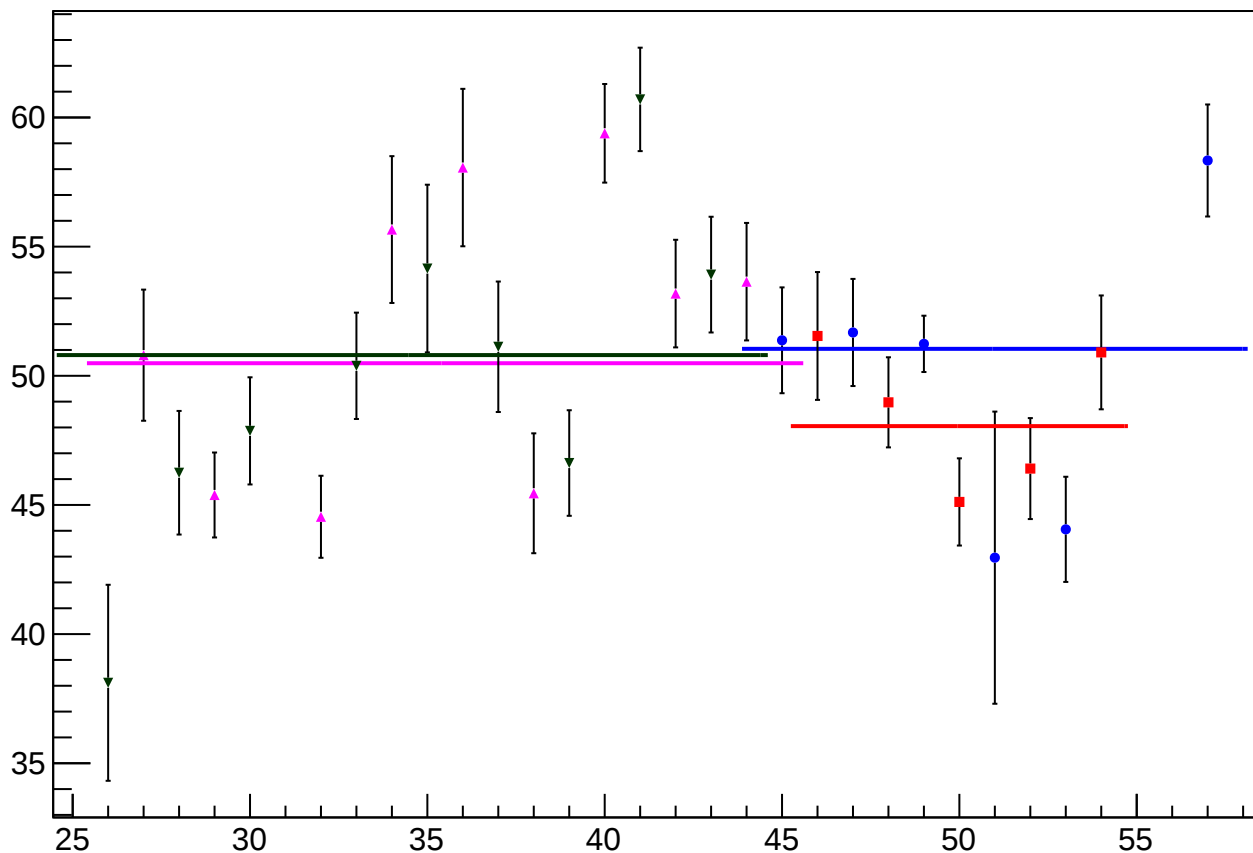
Right Out: 4.947+/-0.541 χ^2/NDF : 155.9/4

Left In: 0.270+/-0.450 χ^2/NDF : 72.6/8

-1.663+/-0.336 χ^2/NDF : 886.0/14

2.186+/-0.346 χ^2/NDF : 272.6/13

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: 51.044+/-0.746 χ^2/NDF : 25.3/5

Left Out: 50.802+/-0.778 χ^2/NDF : 48.5/8

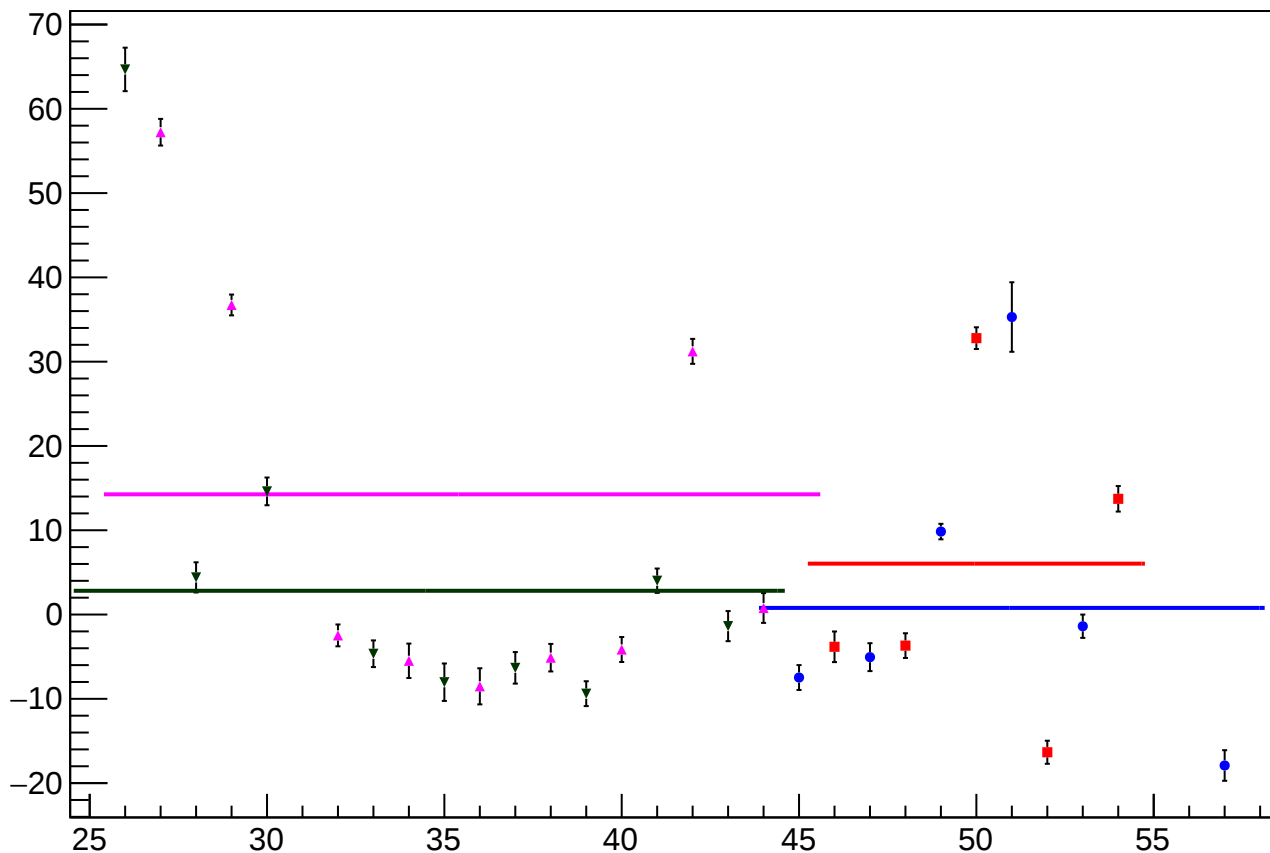
Right Out: 48.052+/-0.874 χ^2/NDF : 7.7/4

Left In: 50.487+/-0.701 χ^2/NDF : 63.2/8

50.928+/-0.538 χ^2/NDF : 73.8/14

49.534+/-0.547 χ^2/NDF : 75.6/13

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: 0.788+/-0.588 χ^2/NDF : 319.4/5

Left Out: 2.819+/-0.580 χ^2/NDF : 771.6/8

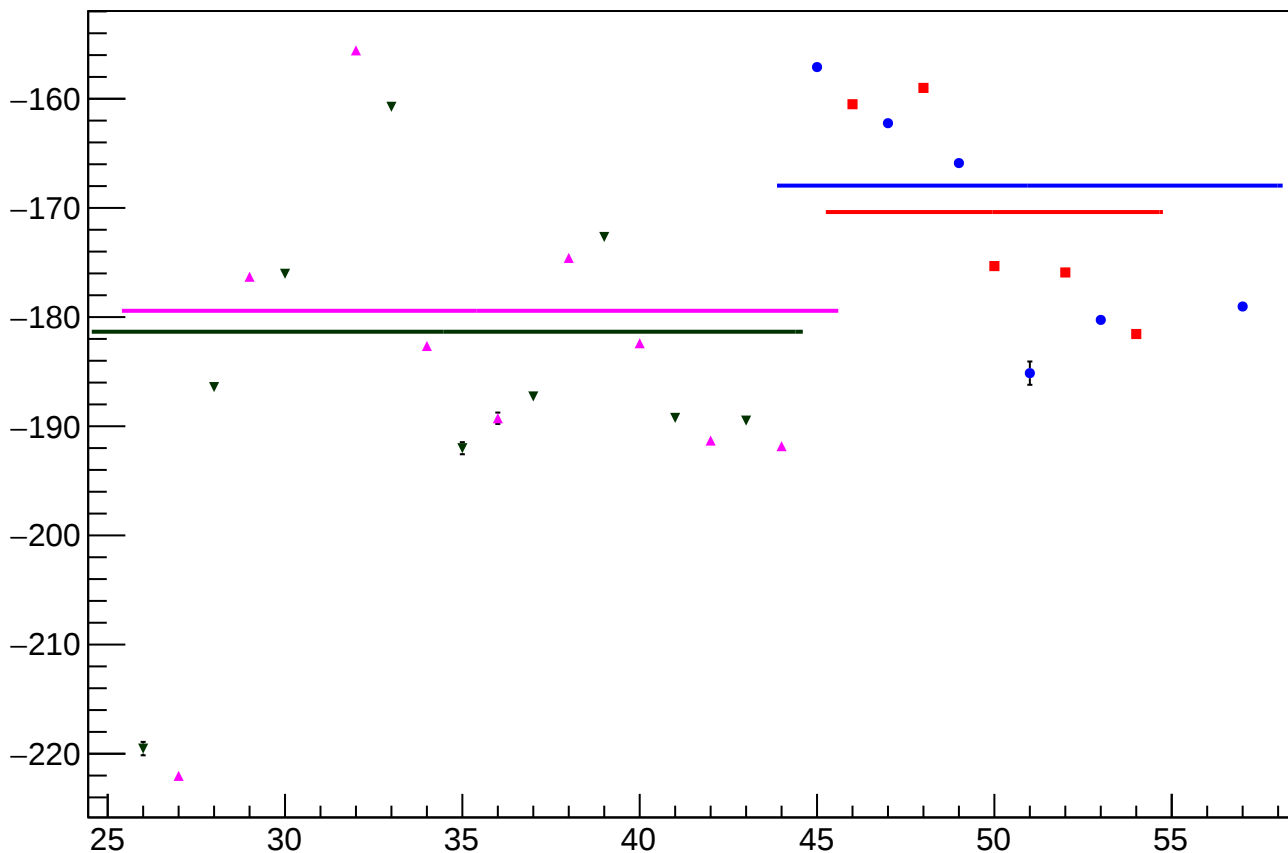
Right Out: 6.039+/-0.653 χ^2/NDF : 798.4/4

Left In: 14.260+/-0.519 χ^2/NDF : 1925.9/8

1.817+/-0.413 χ^2/NDF : 1097.1/14

11.081+/-0.406 χ^2/NDF : 2821.4/13

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: -167.955 ± 0.137 $\chi^2/\text{NDF}: 3791.2/5$

Left Out: -181.341 ± 0.130 $\chi^2/\text{NDF}: 10628.0/8$

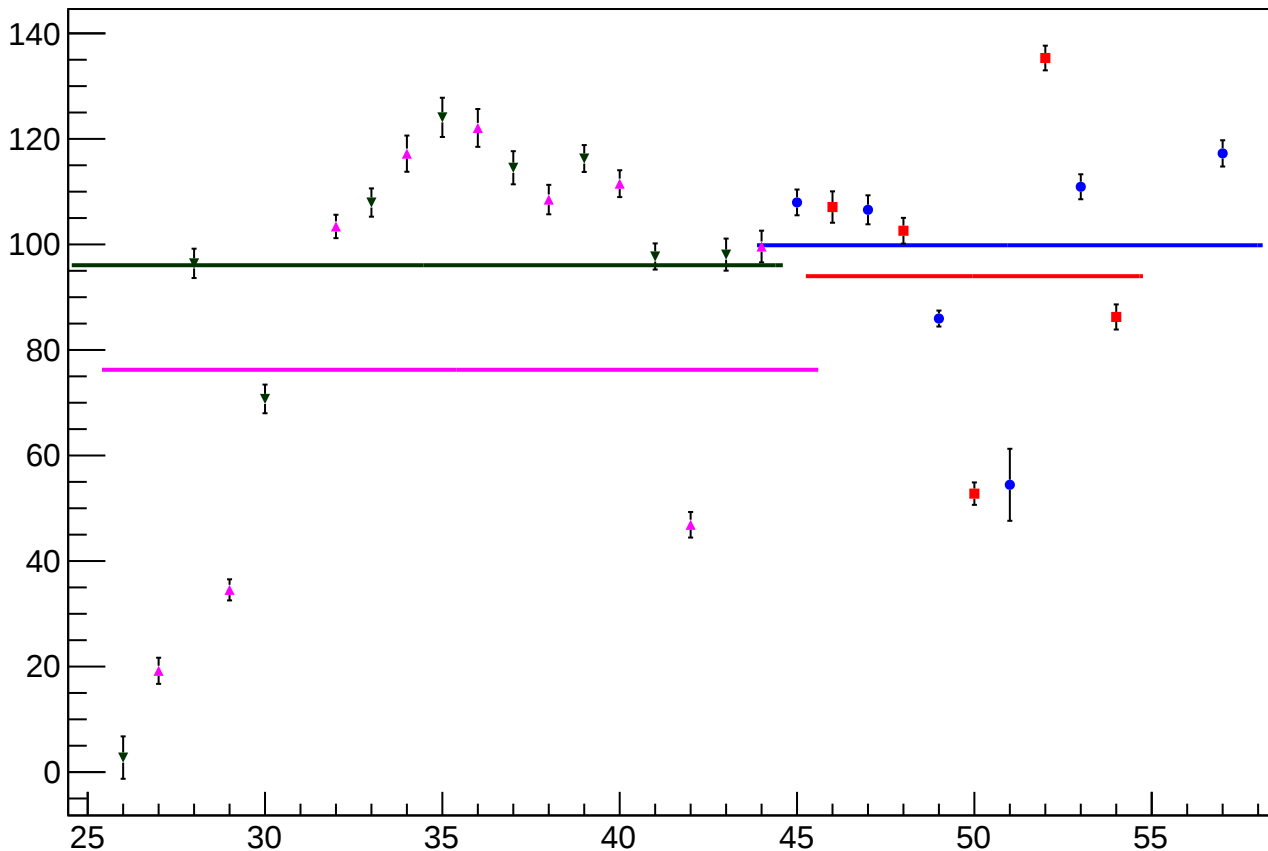
Right Out: -170.377 ± 0.153 $\chi^2/\text{NDF}: 3429.7/4$

Left In: -179.424 ± 0.120 $\chi^2/\text{NDF}: 21031.4/8$

-175.010 ± 0.094 $\chi^2/\text{NDF}: 19461.4/14$

-175.981 ± 0.094 $\chi^2/\text{NDF}: 26638.9/13$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 99.841+/-0.954 χ^2 /NDF: 216.5/5

Left Out: 96.058+/-0.969 χ^2 /NDF:800.7/8

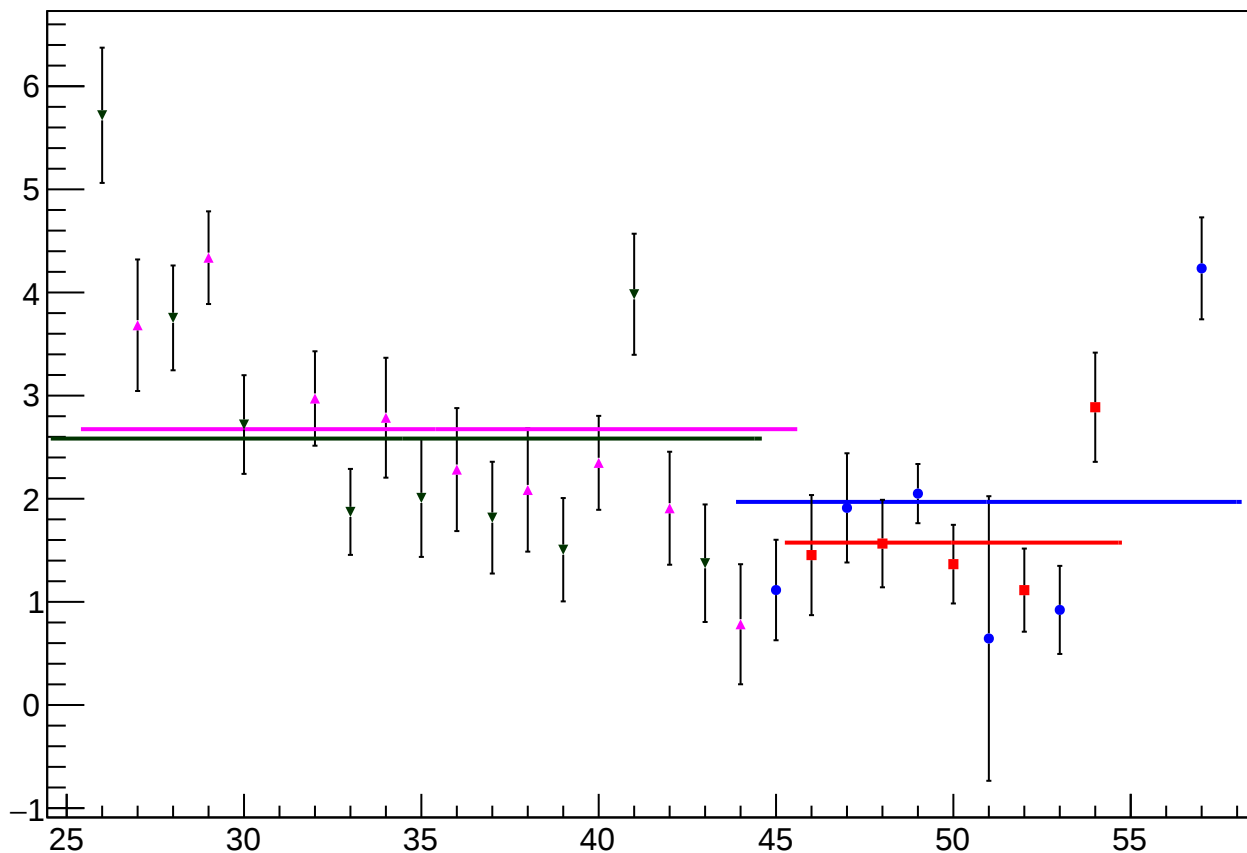
Right Out: 93.982+/-1.077 χ^2 /NDF: 731.0/4

Left In: 76.247+/-0.863 χ^2 /NDF:1954.9/8

97.979+/-0.680 χ^2 /NDF: 1024.9/14

83.179+/-0.674 χ^2 /NDF: 2851.0/13

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 1.969 ± 0.183 χ^2/NDF : 31.1/5

Left Out: 2.583 ± 0.175 χ^2/NDF : 49.0/8

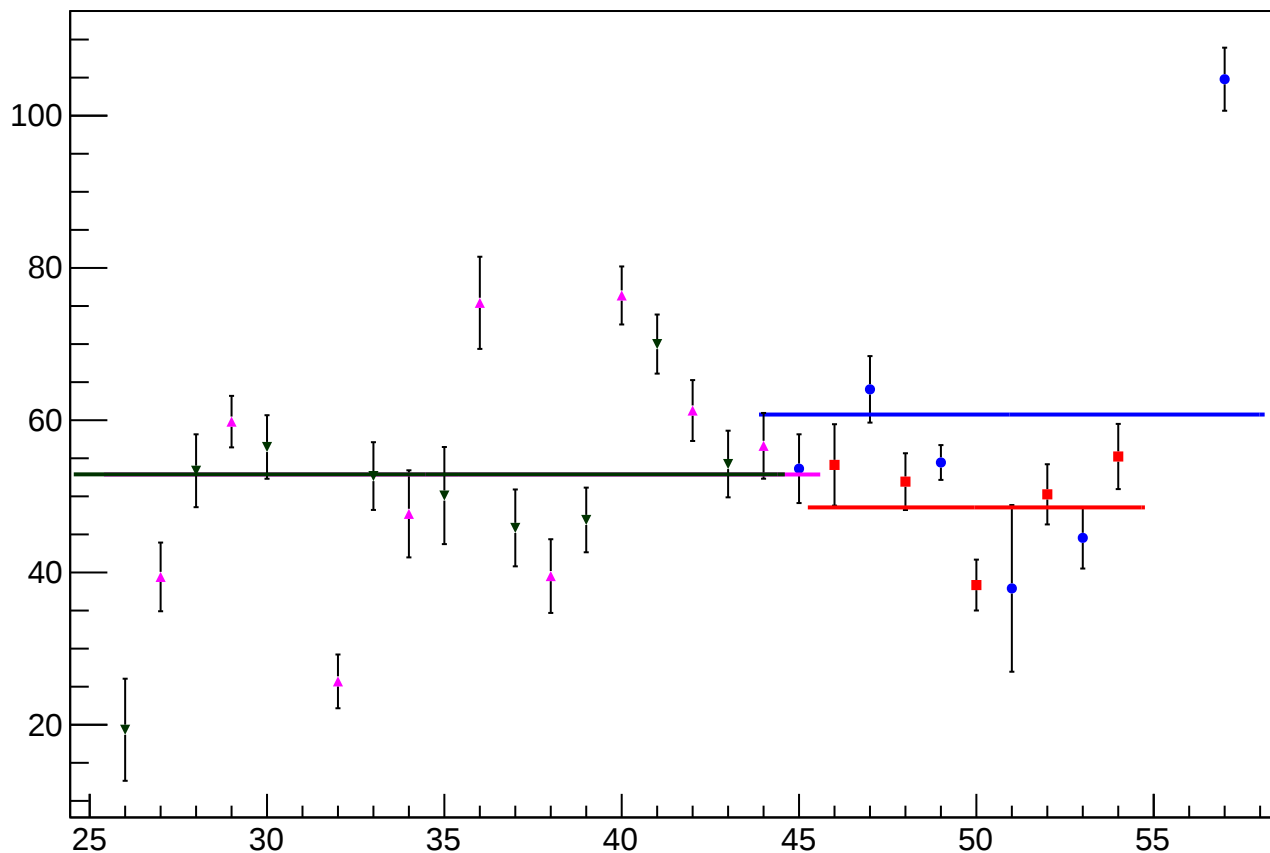
Right Out: 1.575 ± 0.200 χ^2/NDF : 7.8/4

Left In: 2.675 ± 0.177 χ^2/NDF : 31.1/8

2.290 ± 0.126 χ^2/NDF : 86.0/14

2.190 ± 0.133 χ^2/NDF : 55.9/13

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 60.746 ± 1.541 χ^2/NDF : 144.2/5

Left Out: 52.889 ± 1.558 χ^2/NDF : 49.5/8

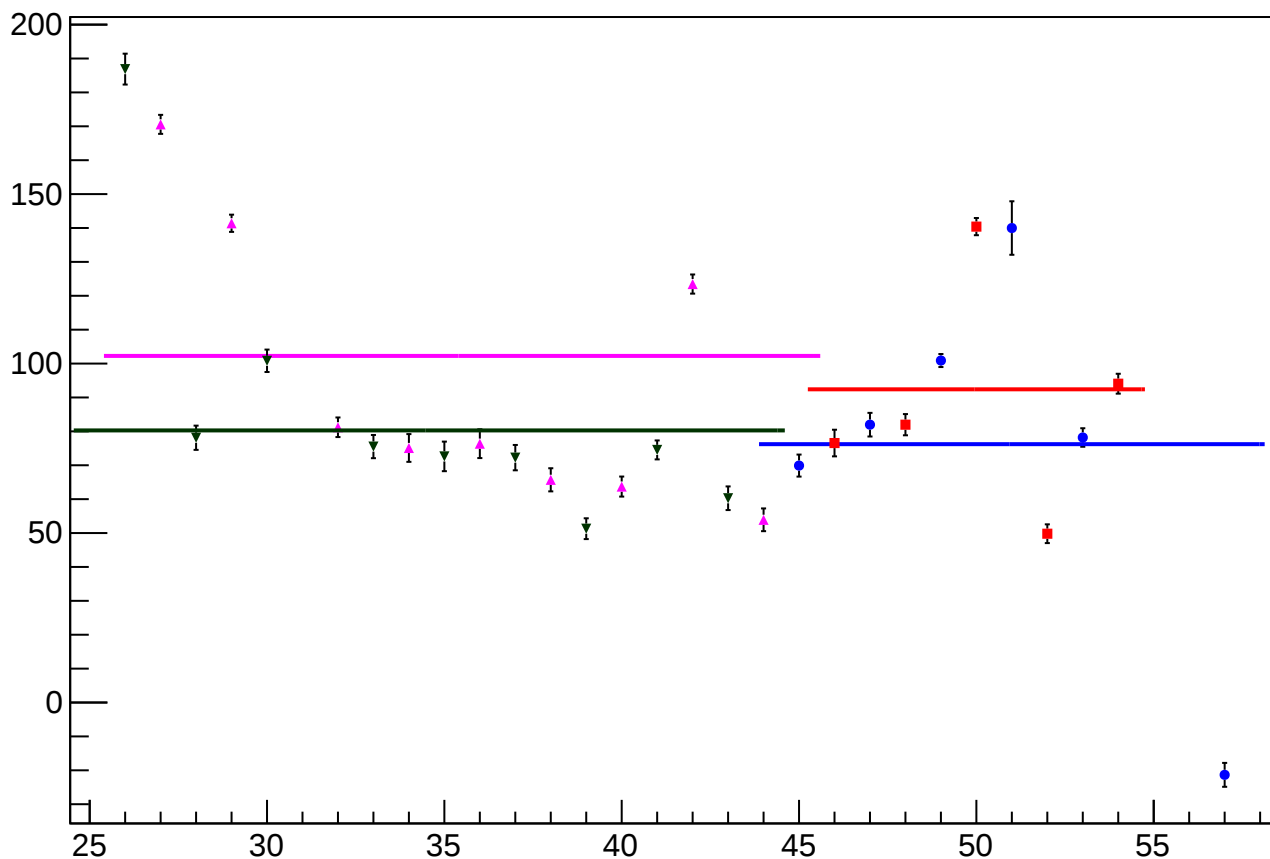
Right Out: 48.548 ± 1.782 χ^2/NDF : 13.9/4

Left In: 52.872 ± 1.411 χ^2/NDF : 137.9/8

56.861 ± 1.096 χ^2/NDF : 206.5/14

51.205 ± 1.106 χ^2/NDF : 155.4/13

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 76.222 $\pm$ 1.214 $\chi^2/\text{NDF}: 1002.8/5$

Left Out: 80.279 $\pm$ 1.160 $\chi^2/\text{NDF}: 722.6/8$

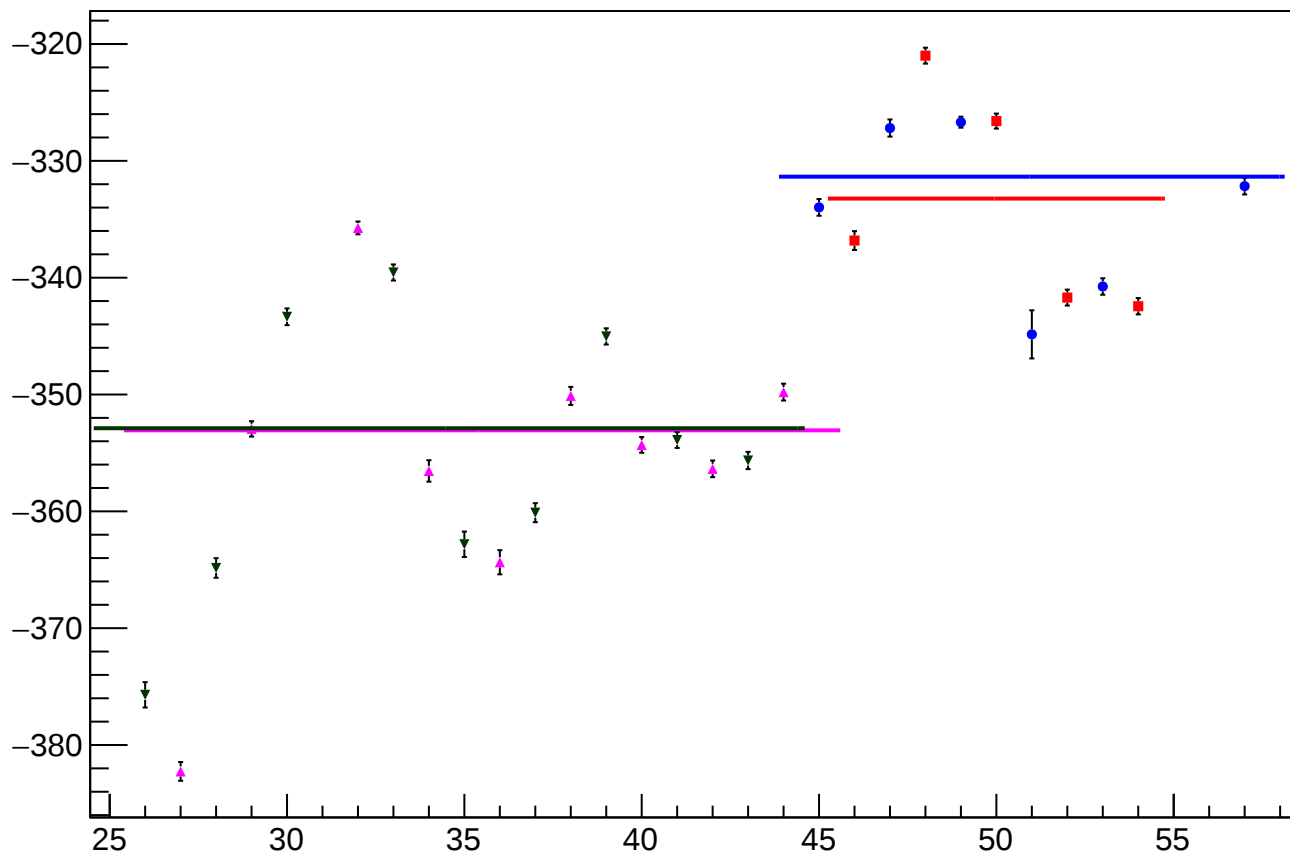
Right Out: 92.403 $\pm$ 1.325 $\chi^2/\text{NDF}: 623.0/4$

Left In: 102.261 $\pm$ 1.036 $\chi^2/\text{NDF}: 1514.4/8$

78.343 $\pm$ 0.839 $\chi^2/\text{NDF}: 1731.3/14$

98.522 $\pm$ 0.816 $\chi^2/\text{NDF}: 2171.7/13$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -331.353+/-0.283 χ^2/NDF : 366.0/5

Left Out: -352.885+/-0.260 χ^2/NDF : 1502.5/8

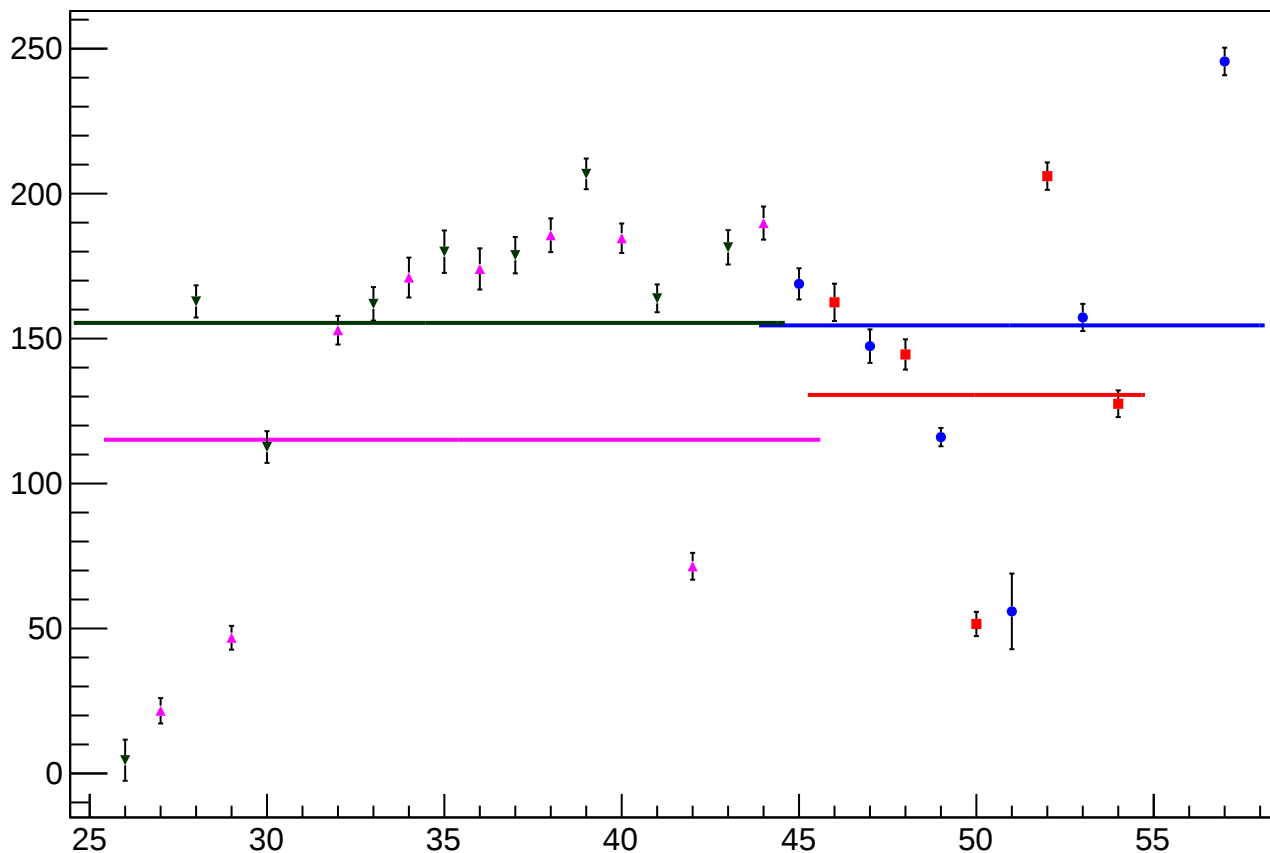
Right Out: -333.229+/-0.312 χ^2/NDF : 775.1/4

Left In: -353.066+/-0.242 χ^2/NDF : 2507.5/8

-343.004+/-0.191 χ^2/NDF : 5009.3/14

-345.605+/-0.191 χ^2/NDF : 5810.4/13

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 154.550 $\pm$ 1.959 χ^2 /NDF: 581.6/5

Left Out: 155.417 $\pm$ 1.935 χ^2 /NDF: 657.8/8

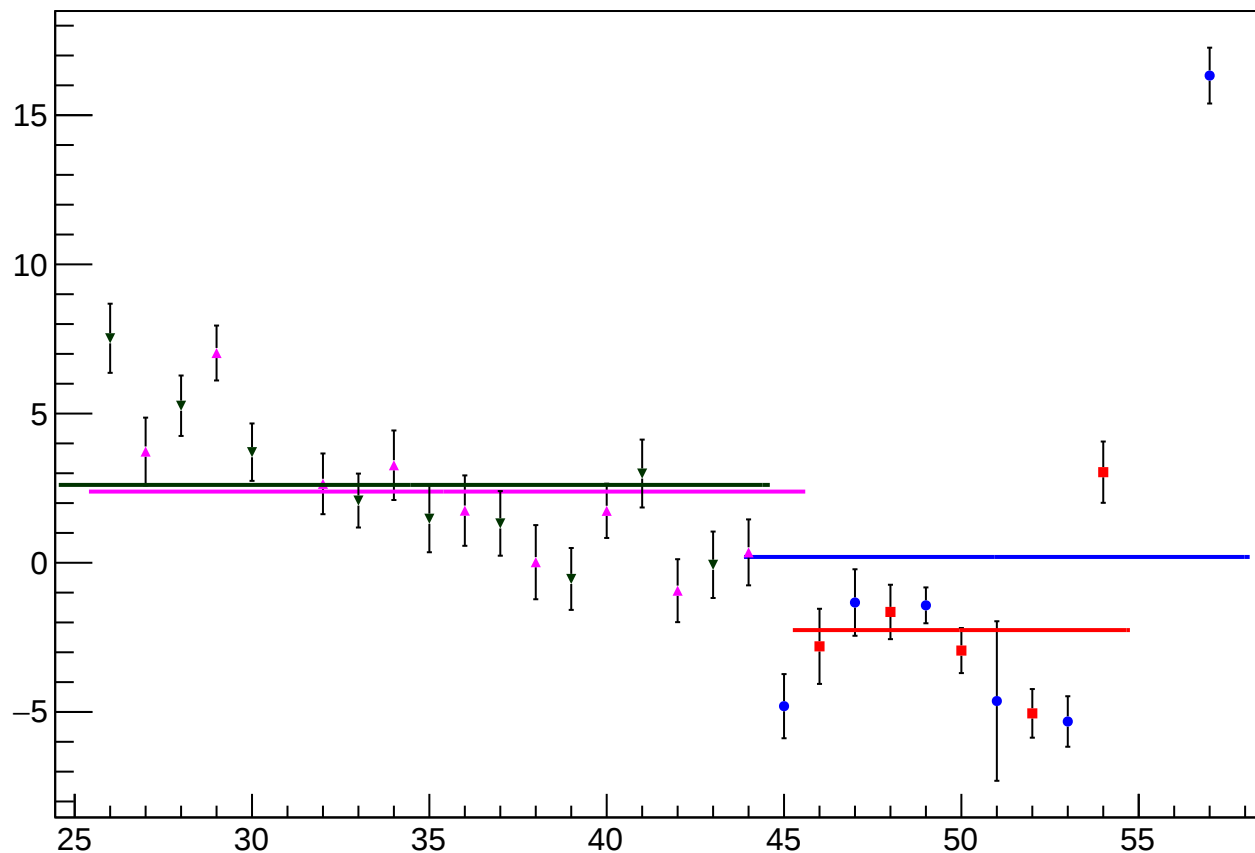
Right Out: 130.569 $\pm$ 2.183 χ^2 /NDF: 643.3/4

Left In: 115.104 $\pm$ 1.717 χ^2 /NDF: 1520.3/8

154.989 $\pm$ 1.377 χ^2 /NDF: 1239.5/14

121.017 $\pm$ 1.350 χ^2 /NDF: 2194.5/13

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.195 $\pm$ 0.375 χ^2 /NDF: 373.7/5

Left Out: 2.609 $\pm$ 0.350 χ^2 /NDF:44.1/8

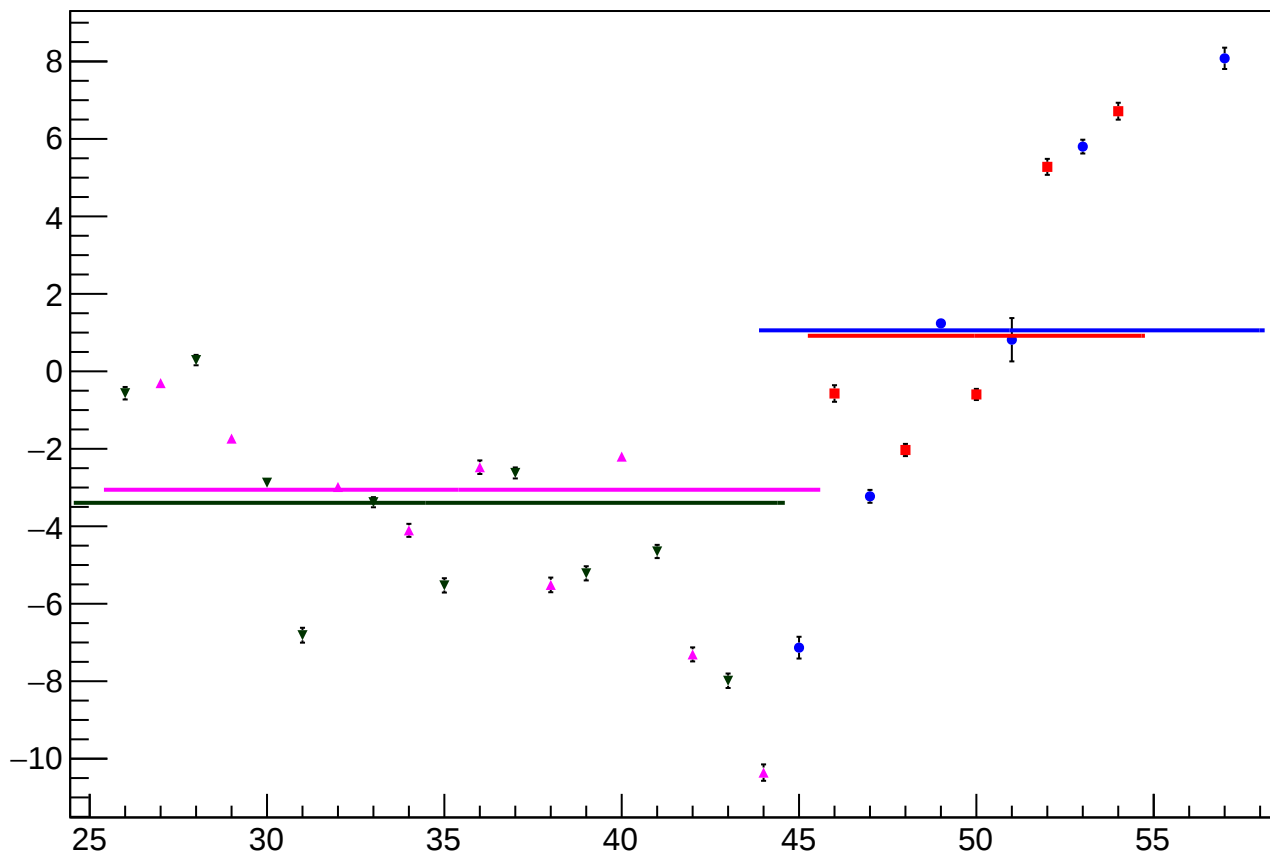
Right Out: -2.256 $\pm$ 0.407 χ^2 /NDF: 39.7/4

Left In: 2.386 $\pm$ 0.355 χ^2 /NDF:45.2/8

1.486 $\pm$ 0.256 χ^2 /NDF: 439.9/14

0.381 $\pm$ 0.267 χ^2 /NDF: 158.9/13

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: 1.058 ± 0.073 χ^2/NDF : 2874.8/5

Left Out: -3.394 ± 0.049 χ^2/NDF : 2310.5/9

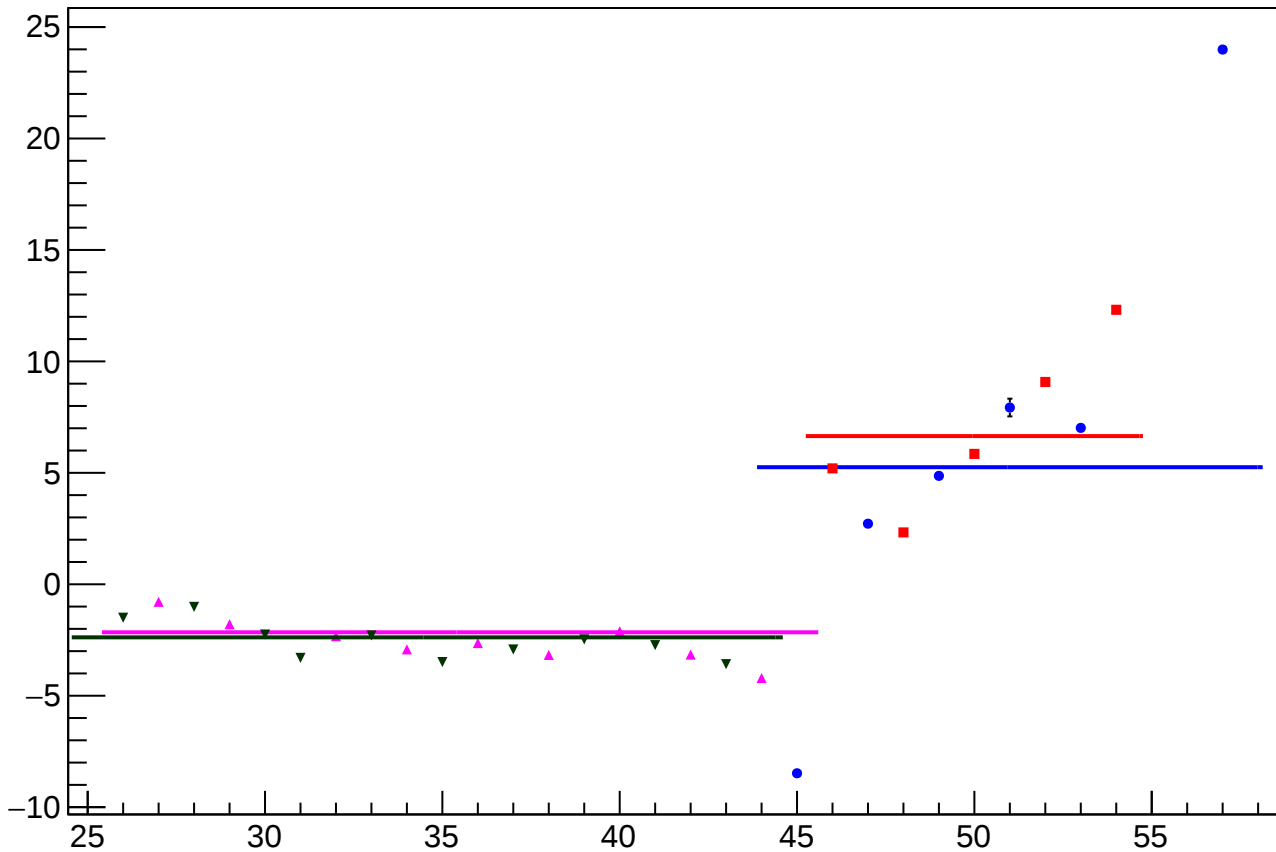
Right Out: 0.918 ± 0.080 χ^2/NDF : 1661.5/4

Left In: -3.057 ± 0.044 χ^2/NDF : 2696.4/8

-1.987 ± 0.041 χ^2/NDF : 7763.3/15

-2.141 ± 0.039 χ^2/NDF : 6239.5/13

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 5.253 ± 0.057 χ^2/NDF : 12536.7/5

Left Out: -2.381 ± 0.037 χ^2/NDF : 466.1/9

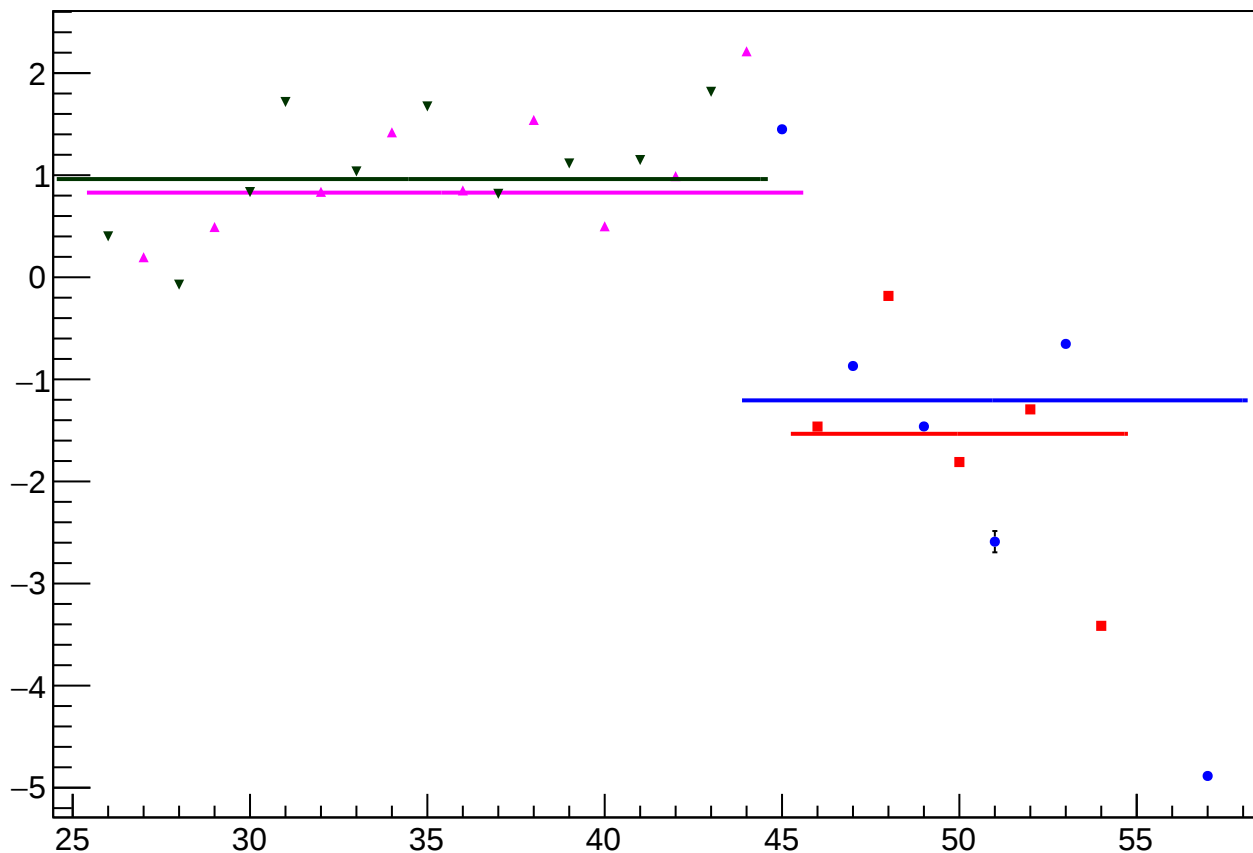
Right Out: 6.649 ± 0.061 χ^2/NDF : 2919.6/4

Left In: -2.154 ± 0.032 χ^2/NDF : 703.0/8

-0.131 ± 0.031 χ^2/NDF : 25680.3/15

-0.187 ± 0.029 χ^2/NDF : 20043.3/13

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: -1.206 ± 0.013 χ^2/NDF : 10300.9/5

Left Out: 0.962 ± 0.008 χ^2/NDF : 4690.6/9

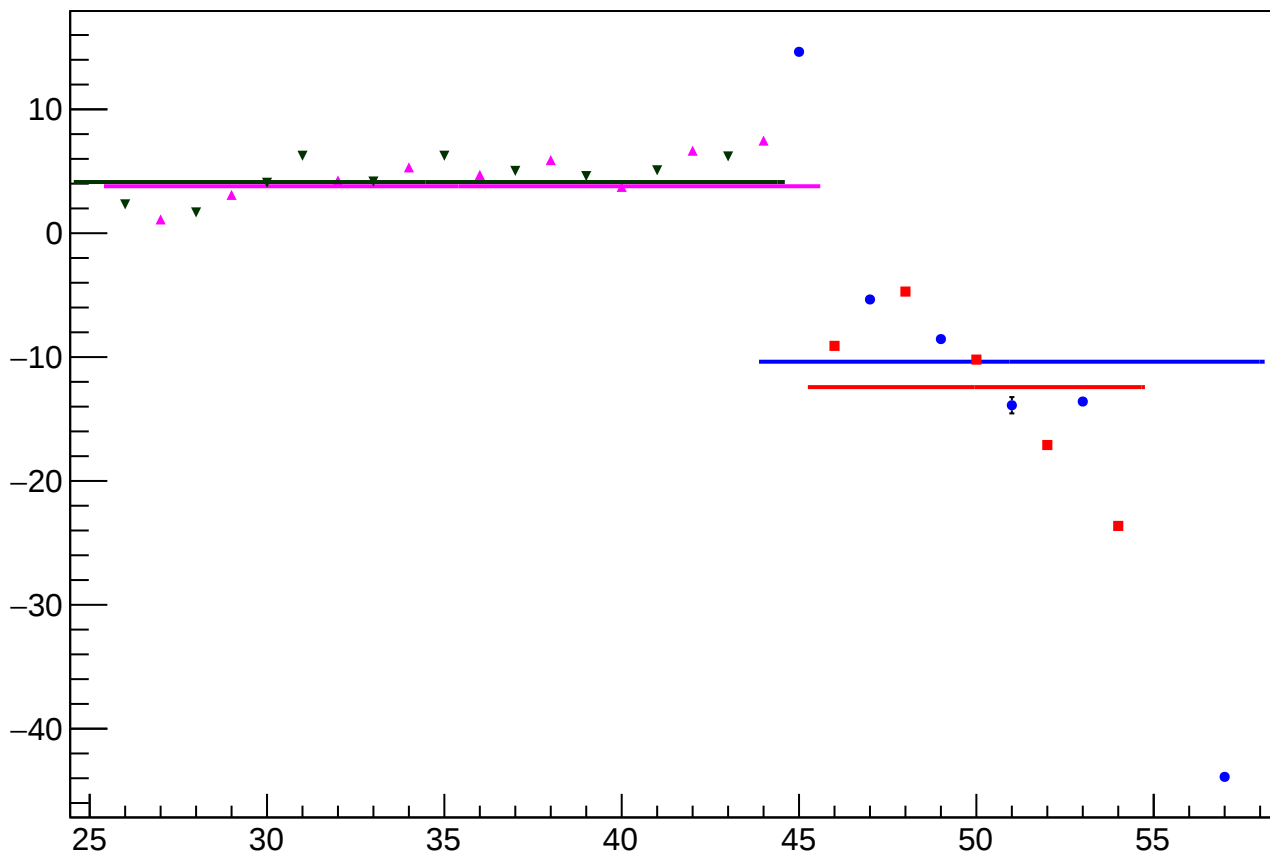
Right Out: -1.533 ± 0.014 χ^2/NDF : 5250.7/4

Left In: 0.829 ± 0.007 χ^2/NDF : 3974.9/8

0.399 ± 0.007 χ^2/NDF : 34139.1/15

0.309 ± 0.007 χ^2/NDF : 31383.0/13

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: -10.374 ± 0.094 χ^2/NDF : 17587.7/5

Left Out: 4.132 ± 0.061 χ^2/NDF : 639.2/9

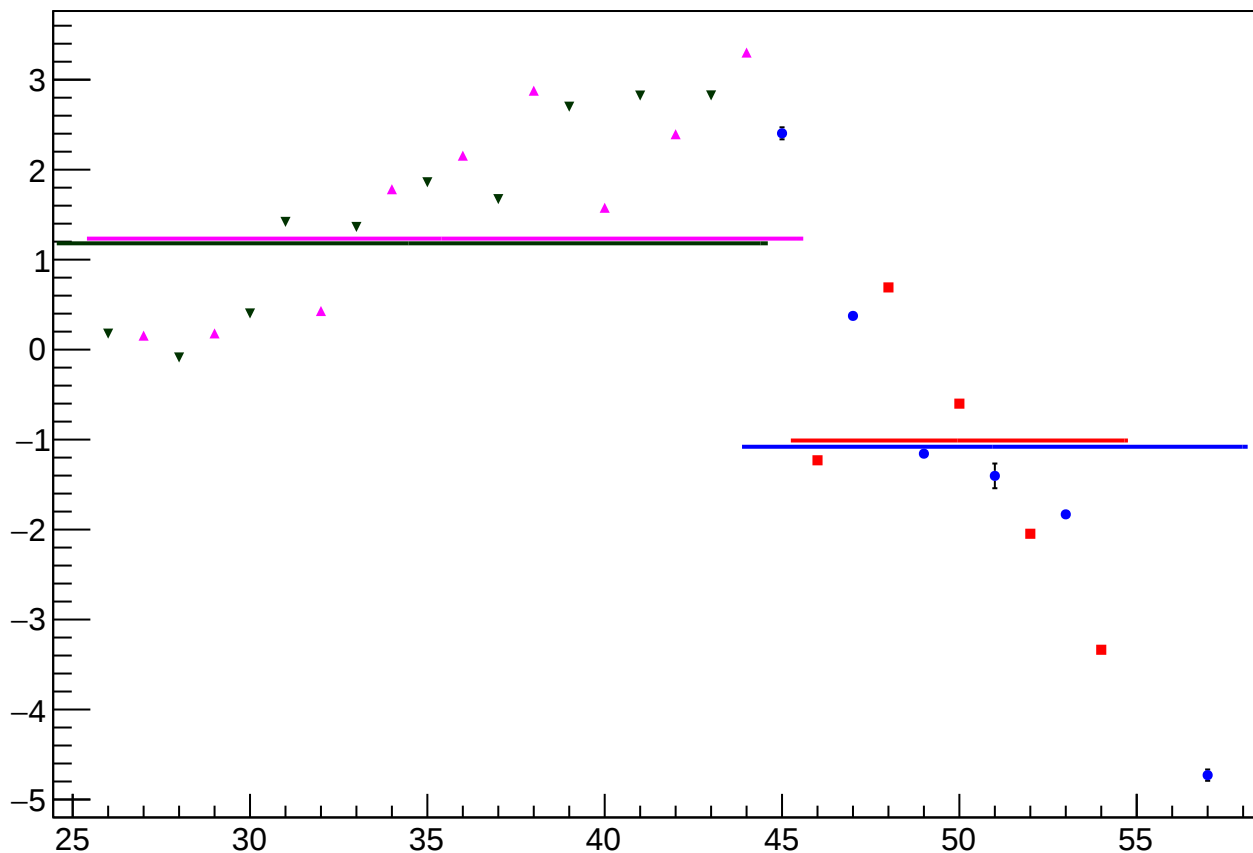
Right Out: -12.424 ± 0.100 χ^2/NDF : 4118.1/4

Left In: 3.791 ± 0.054 χ^2/NDF : 1110.0/8

-0.157 ± 0.051 χ^2/NDF : 35014.6/15

0.155 ± 0.047 χ^2/NDF : 25660.2/13

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: -1.080+/-0.018 χ^2 /NDF: 7653.3/5

Left Out: 1.181+/-0.011 χ^2 /NDF:8123.1/9

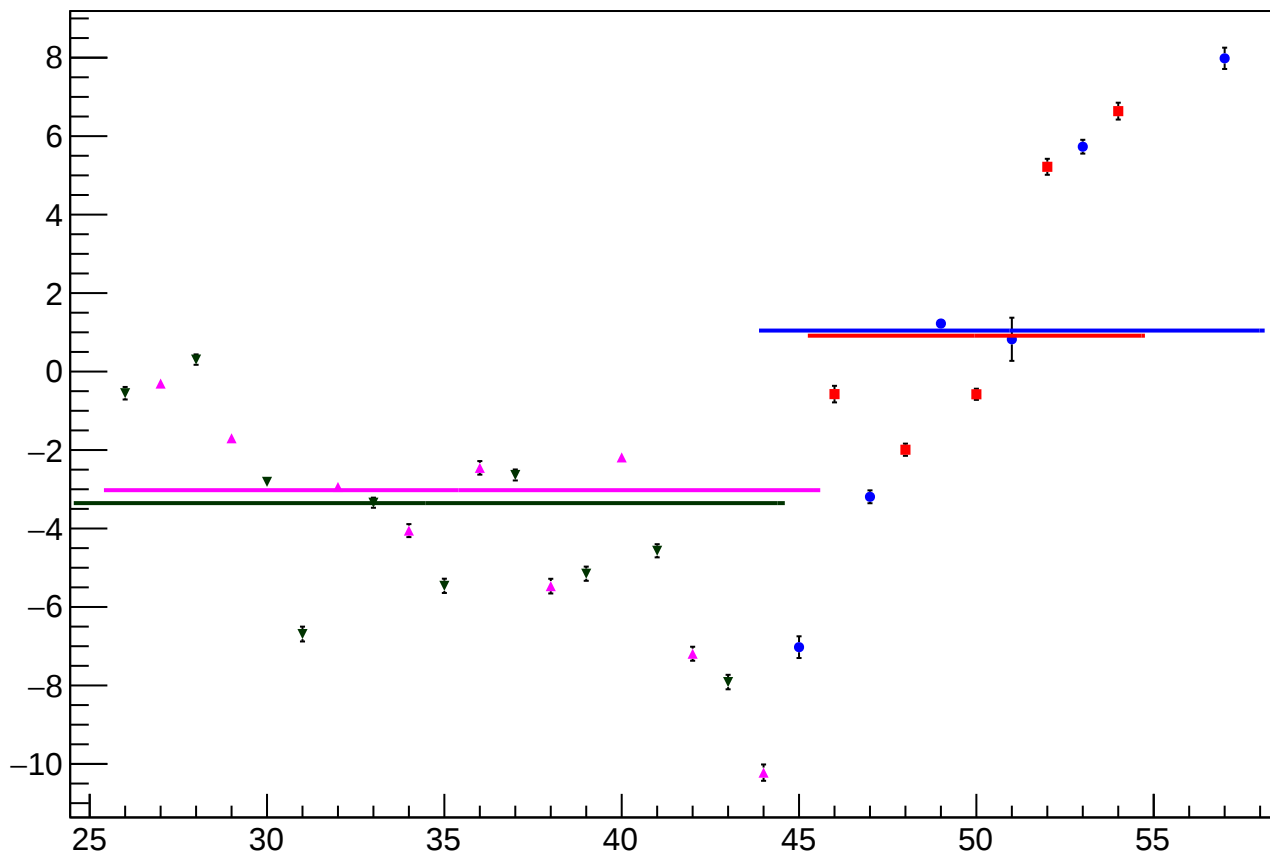
Right Out: -1.010+/-0.019 χ^2 /NDF: 4580.3/4

Left In: 1.234+/-0.011 χ^2 /NDF:7862.9/8

0.586+/-0.009 χ^2 /NDF: 27560.3/15

0.641+/-0.010 χ^2 /NDF: 23138.0/13

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 1.045 ± 0.072 χ^2/NDF : 2880.1/5

Left Out: -3.353 ± 0.049 χ^2/NDF : 2320.8/9

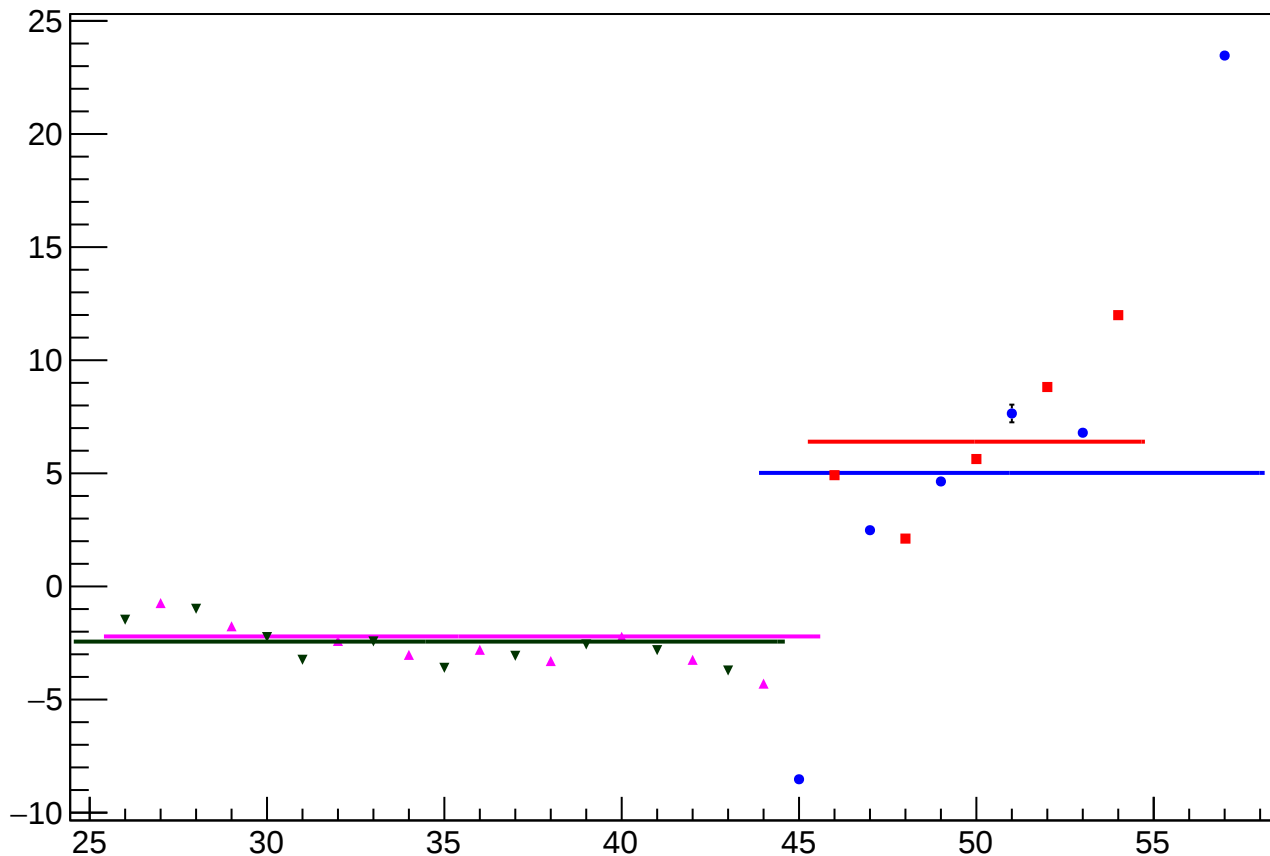
Right Out: 0.914 ± 0.079 χ^2/NDF : 1665.4/4

Left In: -3.023 ± 0.043 χ^2/NDF : 2702.0/8

-1.962 ± 0.040 χ^2/NDF : 7786.9/15

-2.114 ± 0.038 χ^2/NDF : 6264.0/13

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 5.019+/-0.056 χ^2/NDF : 12539.2/5

Left Out: -2.438+/-0.036 χ^2/NDF : 538.5/9

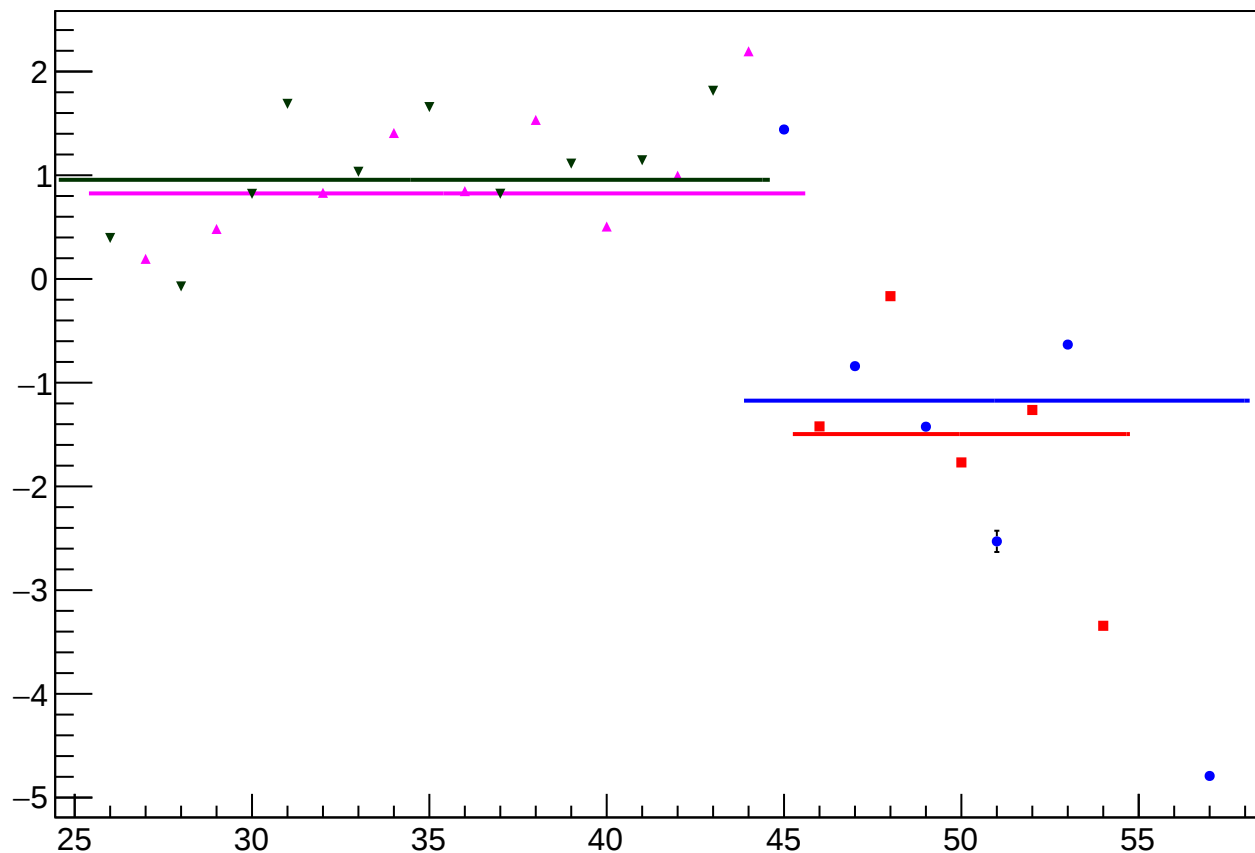
Right Out: 6.399+/-0.060 χ^2/NDF : 2944.8/4

Left In: -2.211+/-0.032 χ^2/NDF : 822.7/8

-0.239+/-0.030 χ^2/NDF : 25513.9/15

-0.283+/-0.028 χ^2/NDF : 19905.2/13

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: -1.173+/-0.013 χ^2/NDF : 10254.6/5

Left Out: 0.956+/-0.008 χ^2/NDF :4739.0/9

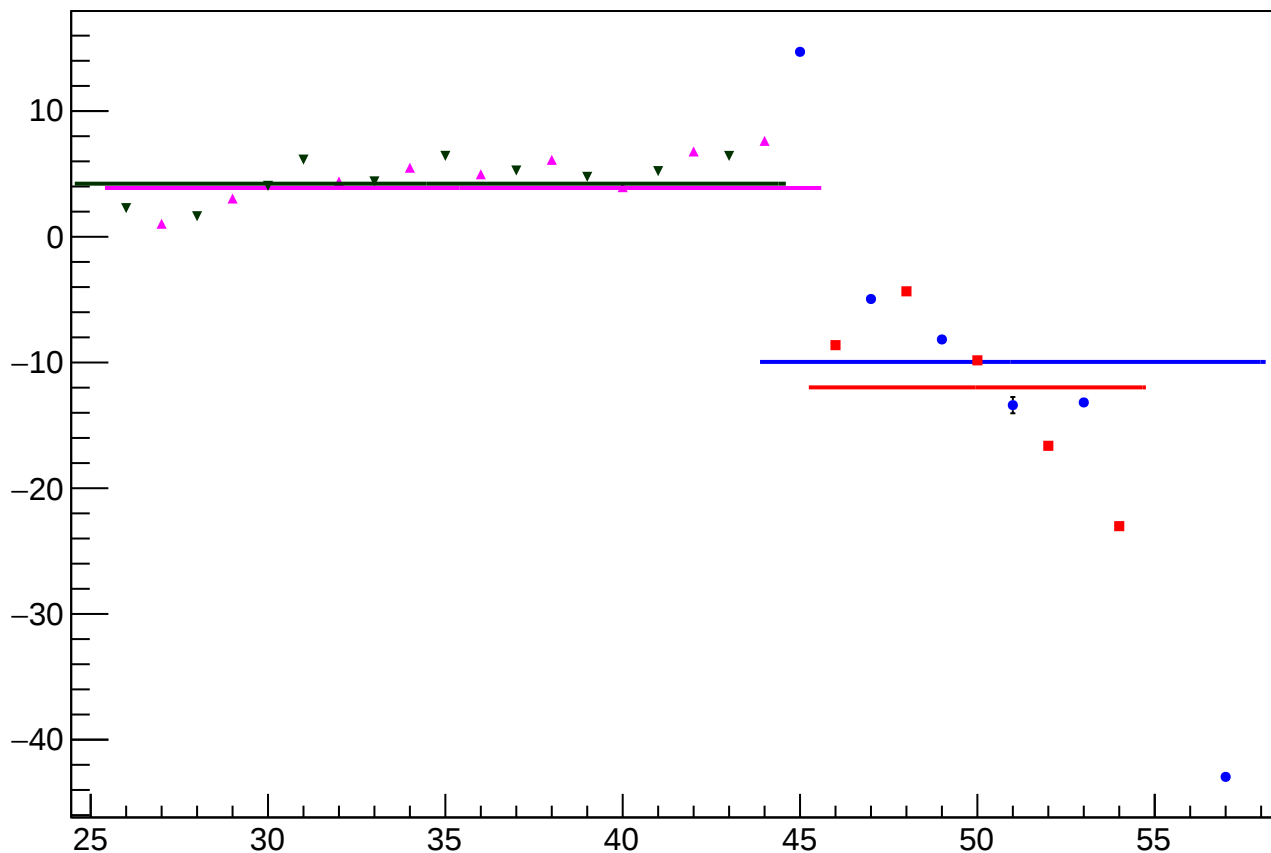
Right Out: -1.495+/-0.014 χ^2/NDF : 5229.7/4

Left In: 0.825+/-0.007 χ^2/NDF :4028.9/8

0.403+/-0.007 χ^2/NDF : 33987.1/15

0.313+/-0.006 χ^2/NDF : 31220.2/13

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: -9.952 ± 0.093 χ^2/NDF : 17578.0/5

Left Out: 4.225 ± 0.060 χ^2/NDF : 727.8/9

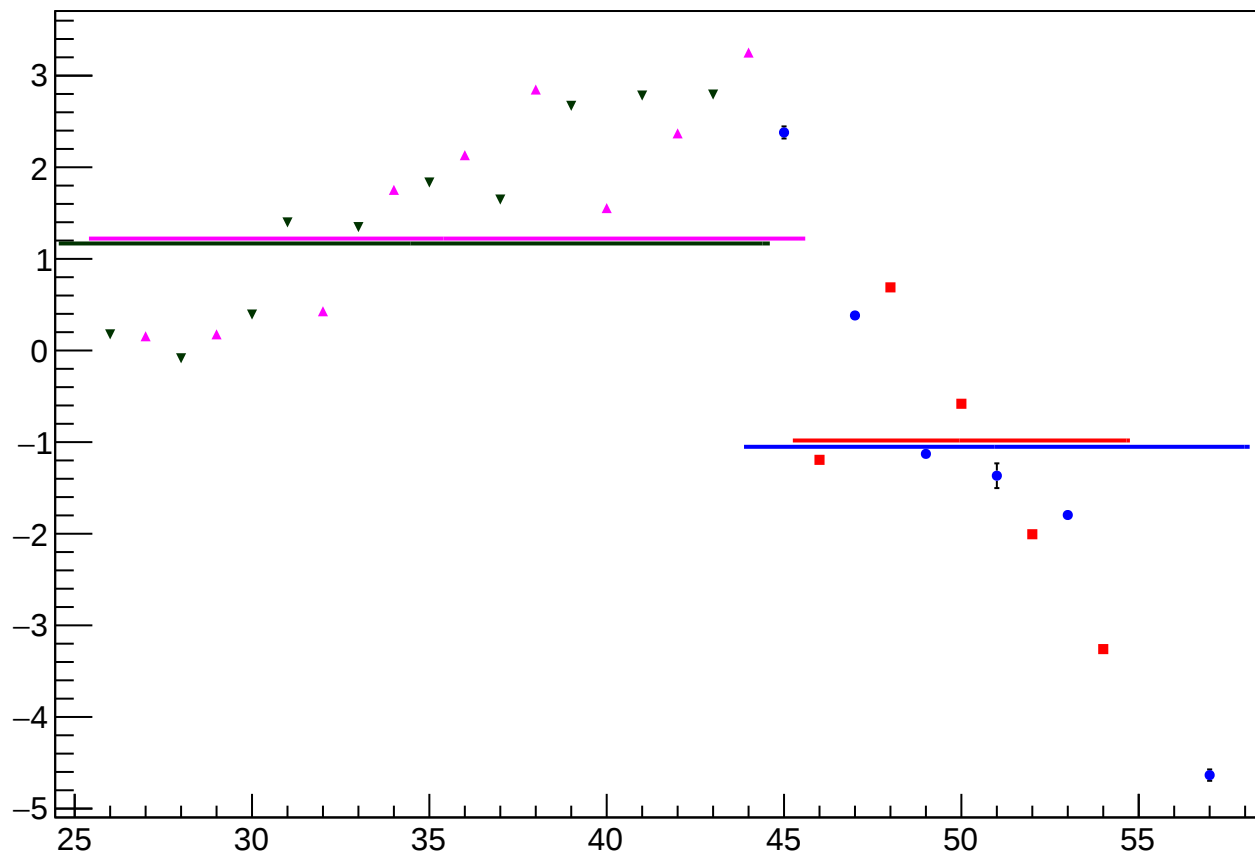
Right Out: -11.979 ± 0.099 χ^2/NDF : 4137.2/4

Left In: 3.882 ± 0.053 χ^2/NDF : 1263.9/8

0.030 ± 0.050 χ^2/NDF : 34791.1/15

0.319 ± 0.047 χ^2/NDF : 25485.4/13

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: -1.051+/-0.018 χ^2/NDF : 7622.4/5

Left Out: 1.168+/-0.011 χ^2/NDF : 8132.7/9

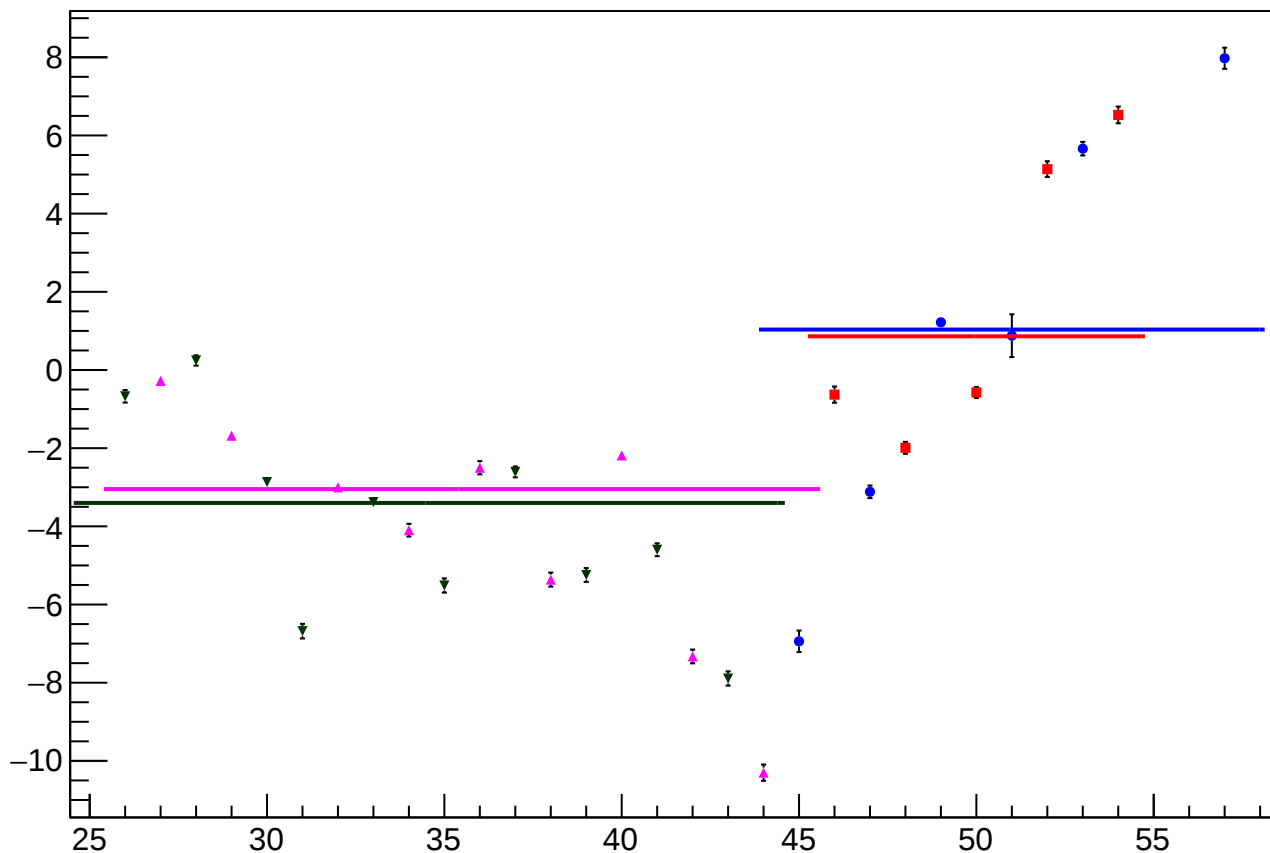
Right Out: -0.982+/-0.018 χ^2/NDF : 4540.5/4

Left In: 1.222+/-0.011 χ^2/NDF : 7856.1/8

0.583+/-0.009 χ^2/NDF : 27425.6/15

0.639+/-0.009 χ^2/NDF : 22997.3/13

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 1.034+/-0.071 χ^2/NDF : 2868.7/5

Left Out: -3.401+/-0.048 χ^2/NDF : 2306.6/9

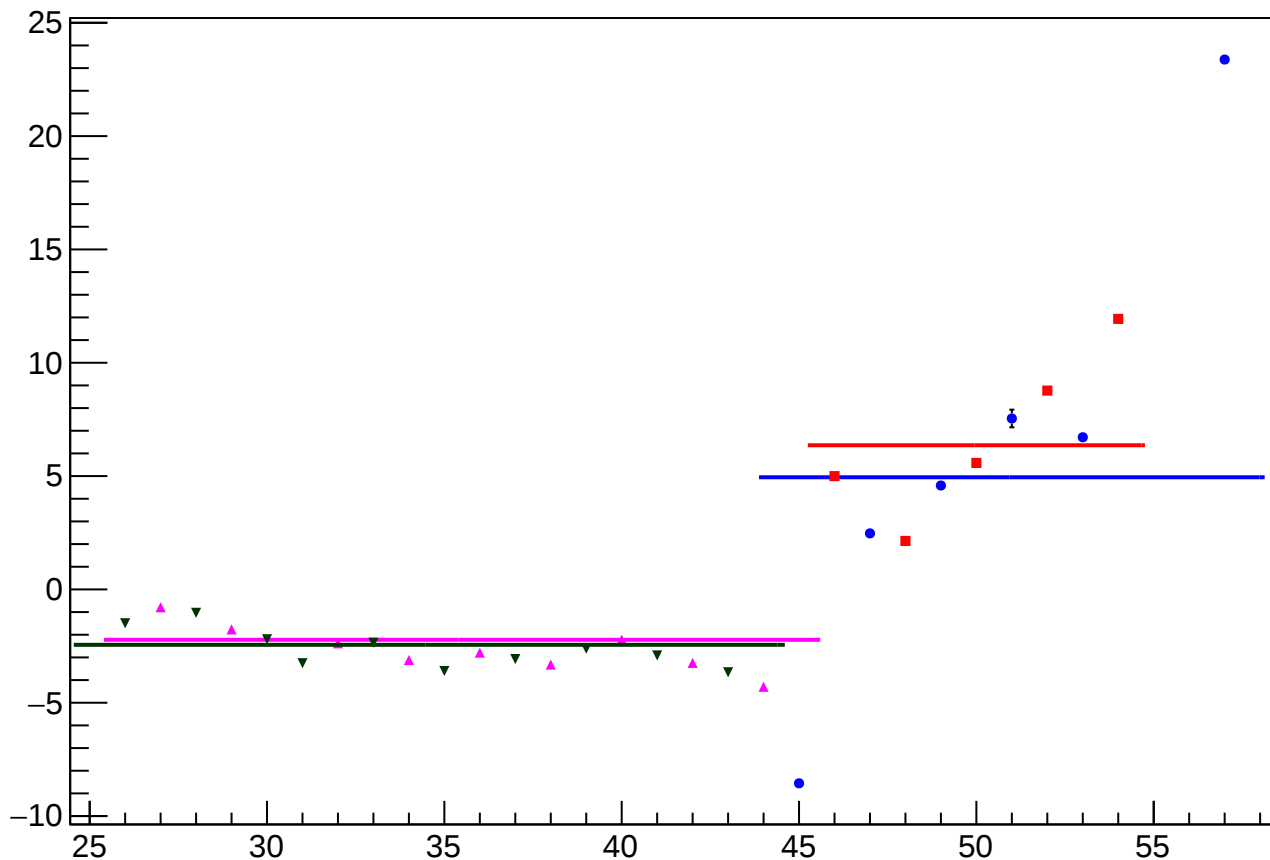
Right Out: 0.862+/-0.078 χ^2/NDF : 1649.1/4

Left In: -3.046+/-0.043 χ^2/NDF : 2807.9/8

-1.998+/-0.040 χ^2/NDF : 7858.6/15

-2.149+/-0.038 χ^2/NDF : 6366.6/13

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 4.948 $\pm$ 0.056 χ^2 /NDF: 12603.9/5

Left Out: -2.445 $\pm$ 0.036 χ^2 /NDF: 529.3/9

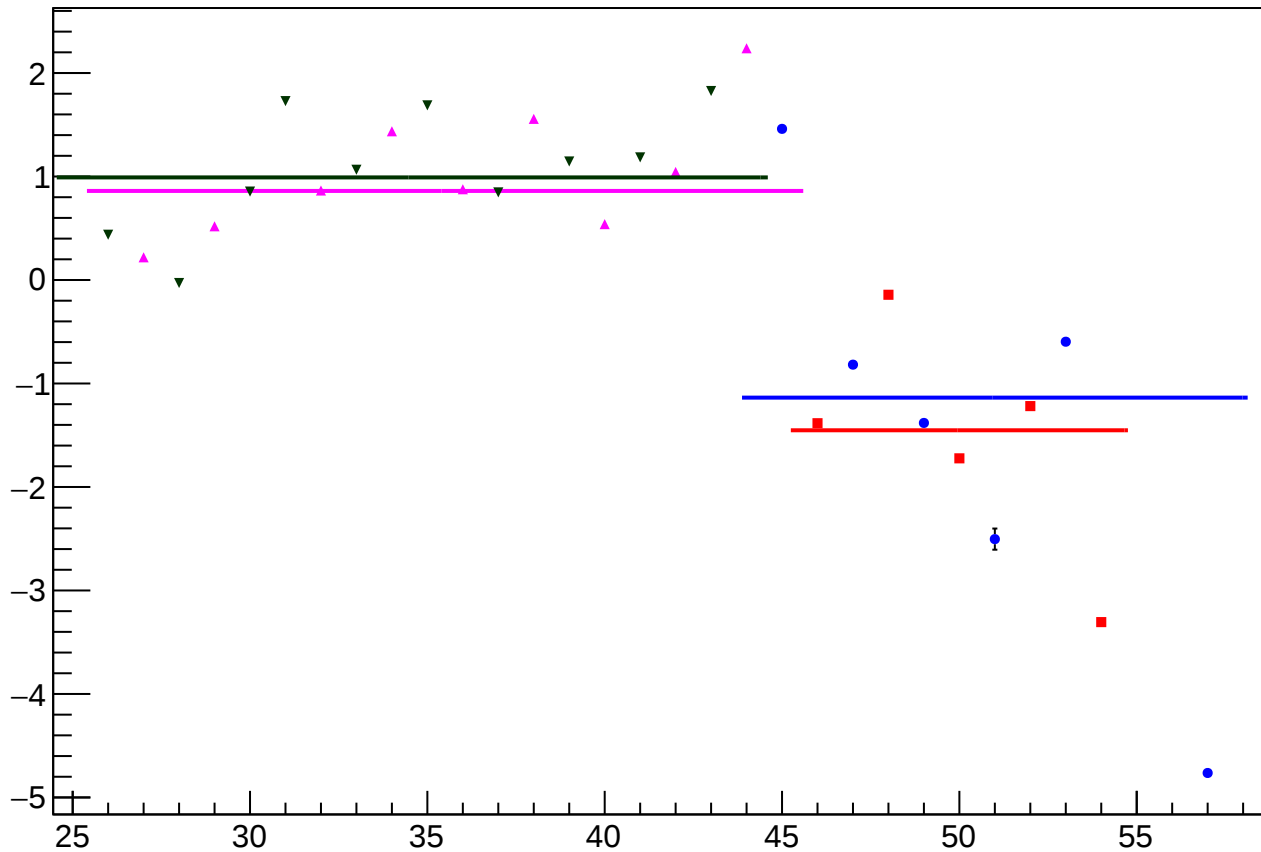
Right Out: 6.360 $\pm$ 0.059 χ^2 /NDF: 2940.2/4

Left In: -2.223 $\pm$ 0.032 χ^2 /NDF: 822.2/8

-0.262 $\pm$ 0.030 χ^2 /NDF: 25587.7/15

-0.311 $\pm$ 0.028 χ^2 /NDF: 20149.3/13

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: -1.137+/-0.013 χ^2 /NDF: 10325.2/5

Left Out: 0.991+/-0.008 χ^2 /NDF:4720.4/9

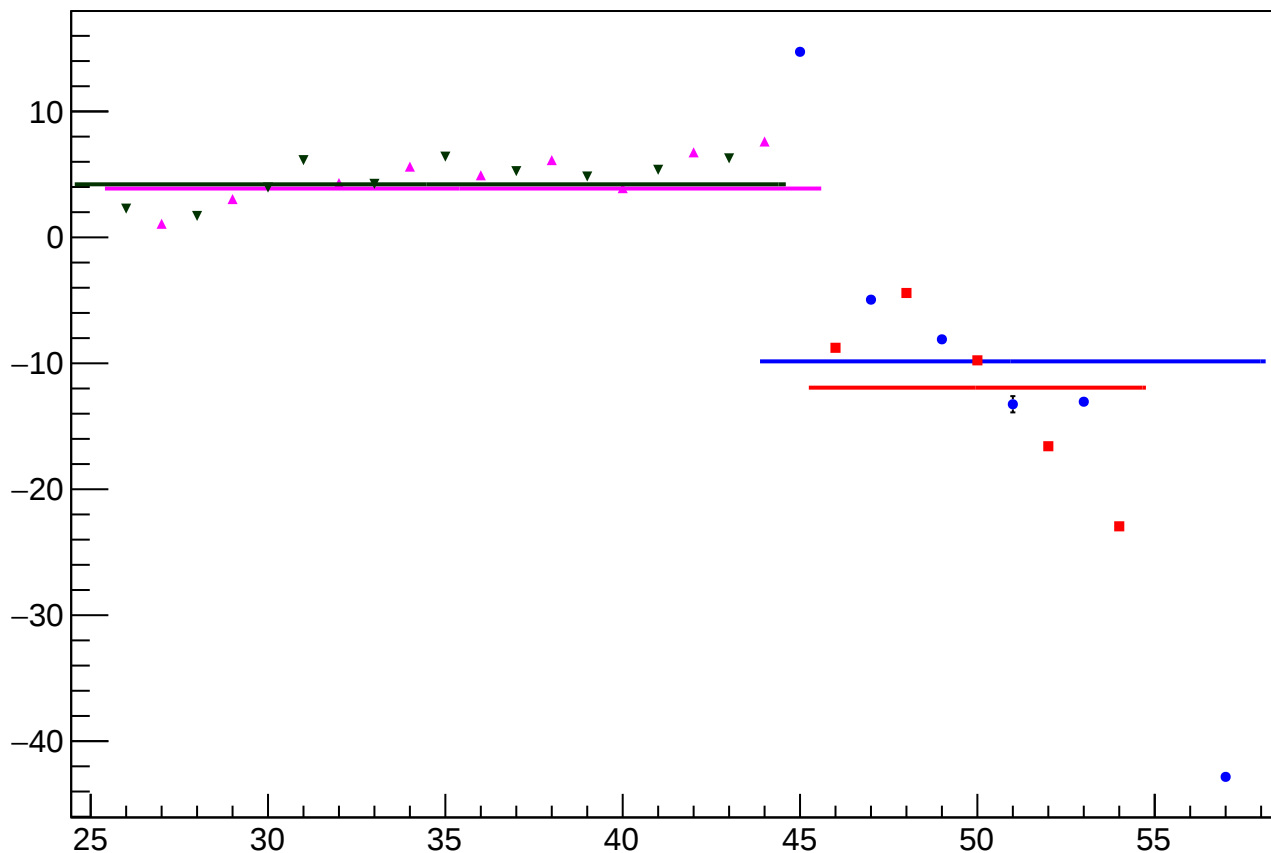
Right Out: -1.452+/-0.014 χ^2 /NDF: 5261.4/4

Left In: 0.861+/-0.007 χ^2 /NDF:4134.4/8

0.439+/-0.007 χ^2 /NDF: 34399.6/15

0.353+/-0.006 χ^2 /NDF: 31697.2/13

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: -9.845 ± 0.092 χ^2/NDF : 17680.5/5

Left Out: 4.214 ± 0.060 χ^2/NDF : 711.6/9

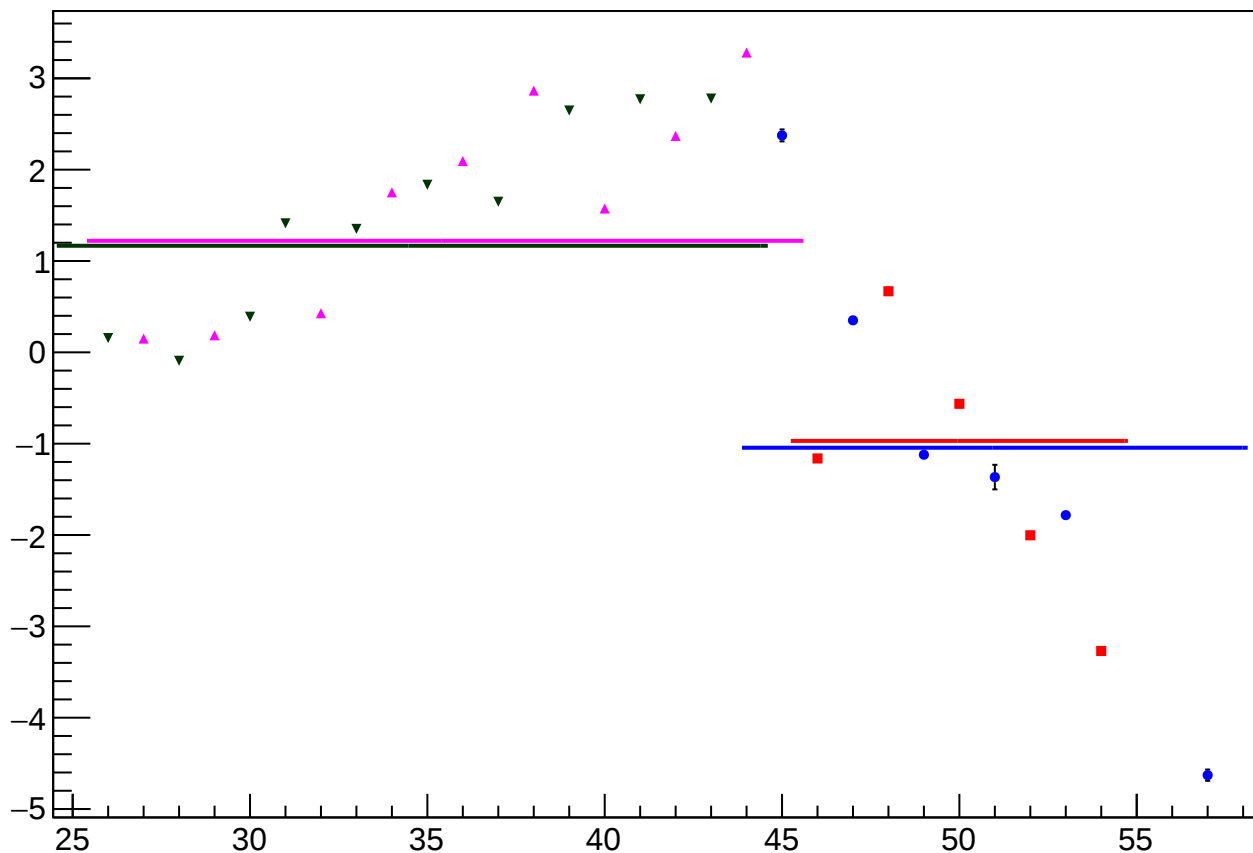
Right Out: -11.932 ± 0.098 χ^2/NDF : 4134.4/4

Left In: 3.878 ± 0.052 χ^2/NDF : 1270.8/8

0.047 ± 0.050 χ^2/NDF : 34907.6/15

0.344 ± 0.046 χ^2/NDF : 25790.5/13

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: -1.044+/-0.017 χ^2/NDF : 7647.0/5

Left Out: 1.167+/-0.010 χ^2/NDF :8267.0/9

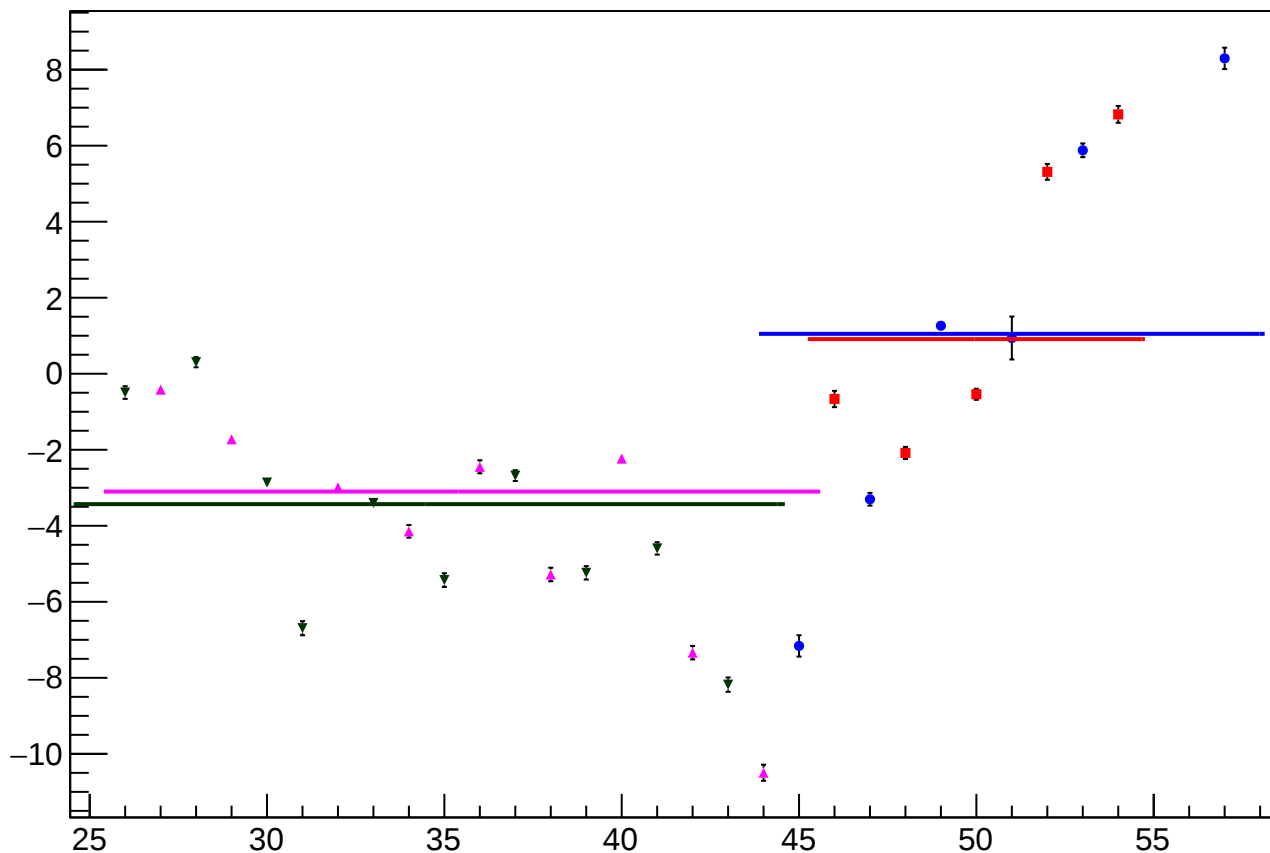
Right Out: -0.970+/-0.018 χ^2/NDF : 4603.9/4

Left In: 1.221+/-0.011 χ^2/NDF :8098.5/8

0.583+/-0.009 χ^2/NDF : 27716.2/15

0.643+/-0.009 χ^2/NDF : 23405.7/13

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 1.050+/-0.073 χ^2/NDF : 2916.1/5

Left Out: -3.430+/-0.049 χ^2/NDF :2337.3/9

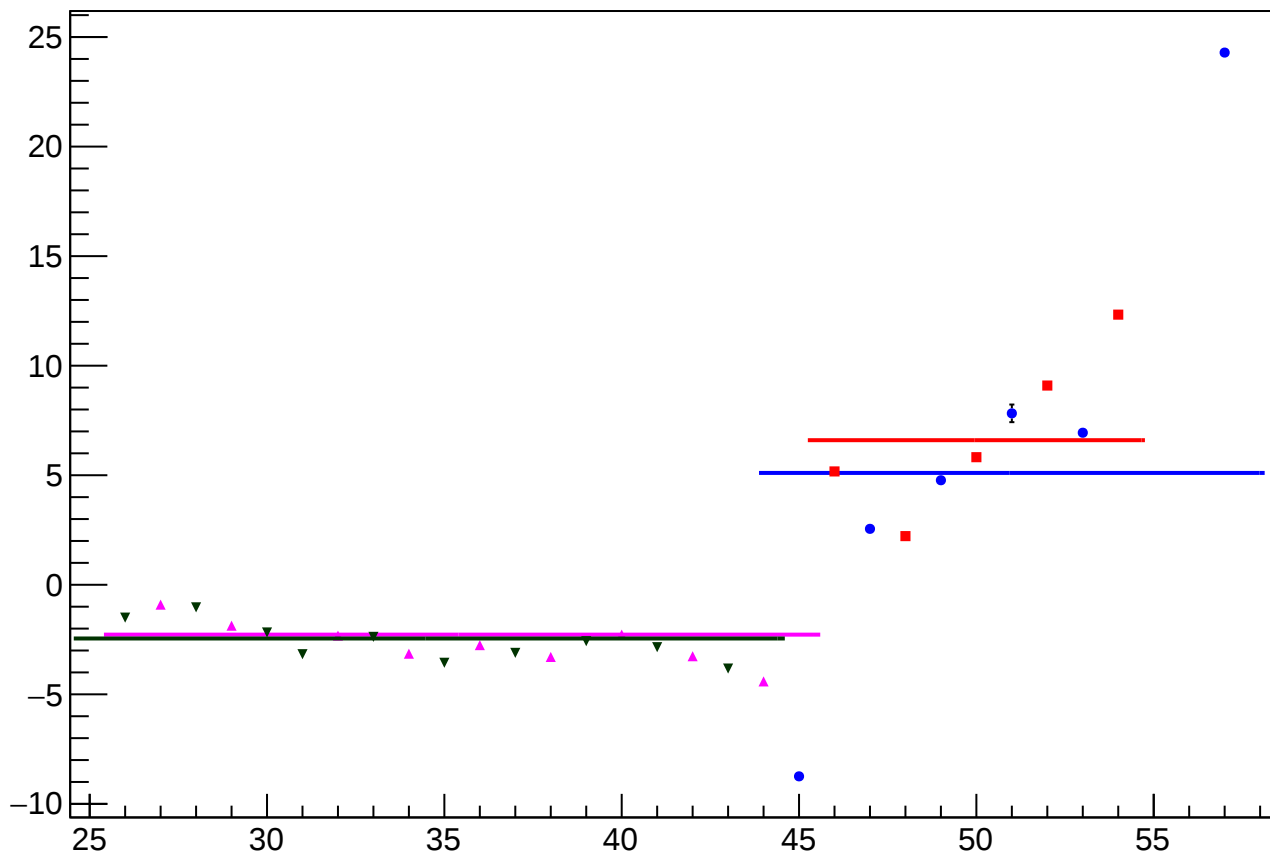
Right Out: 0.911+/-0.081 χ^2/NDF : 1658.9/4

Left In: -3.099+/-0.043 χ^2/NDF :2714.1/8

-2.057+/-0.041 χ^2/NDF : 7843.4/15

-2.212+/-0.038 χ^2/NDF : 6268.7/13

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: 5.105 ± 0.058 χ^2/NDF : 12639.0/5

Left Out: -2.451 ± 0.036 χ^2/NDF : 518.0/9

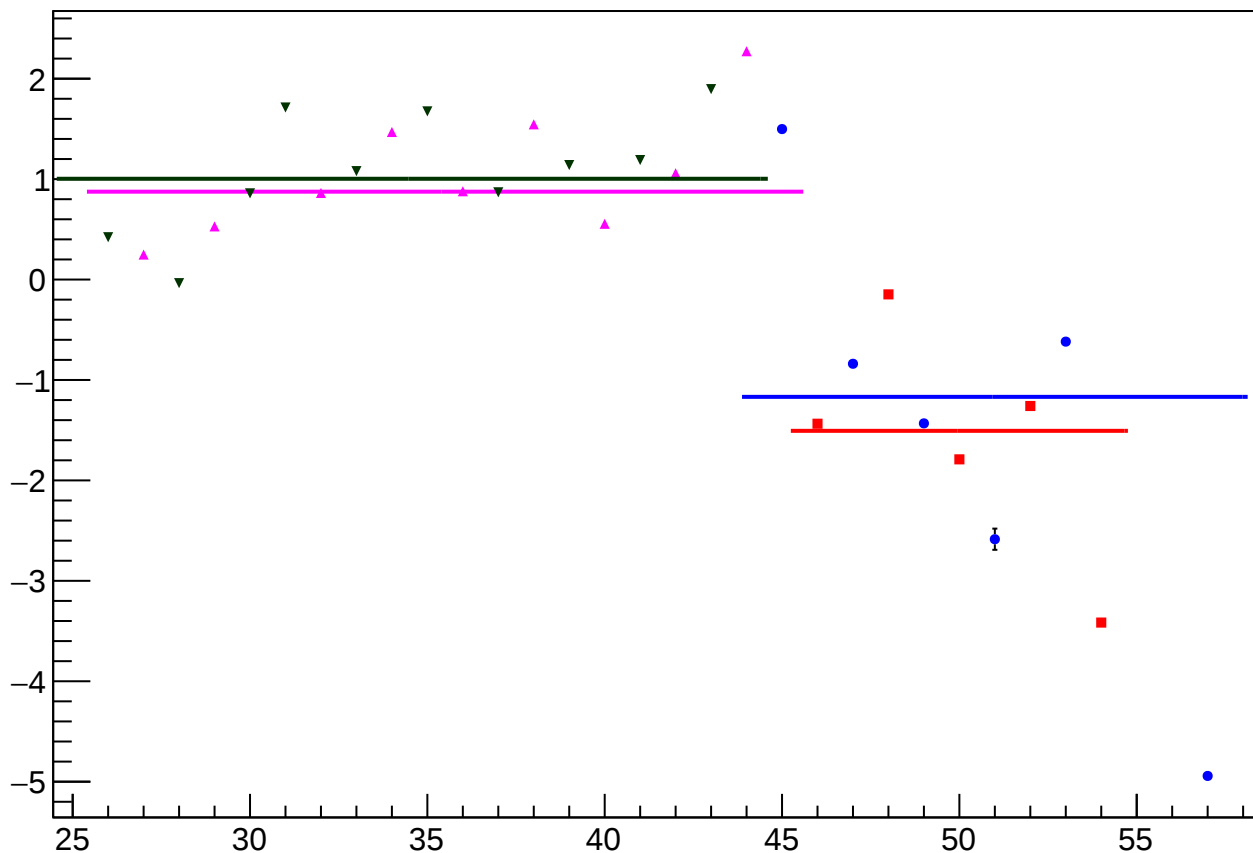
Right Out: 6.599 ± 0.061 χ^2/NDF : 2909.2/4

Left In: -2.276 ± 0.032 χ^2/NDF : 728.6/8

-0.292 ± 0.031 χ^2/NDF : 25468.2/15

-0.367 ± 0.028 χ^2/NDF : 20150.7/13

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -1.168 ± 0.014 χ^2/NDF : 10363.3/5

Left Out: 1.003 ± 0.008 χ^2/NDF : 4667.5/9

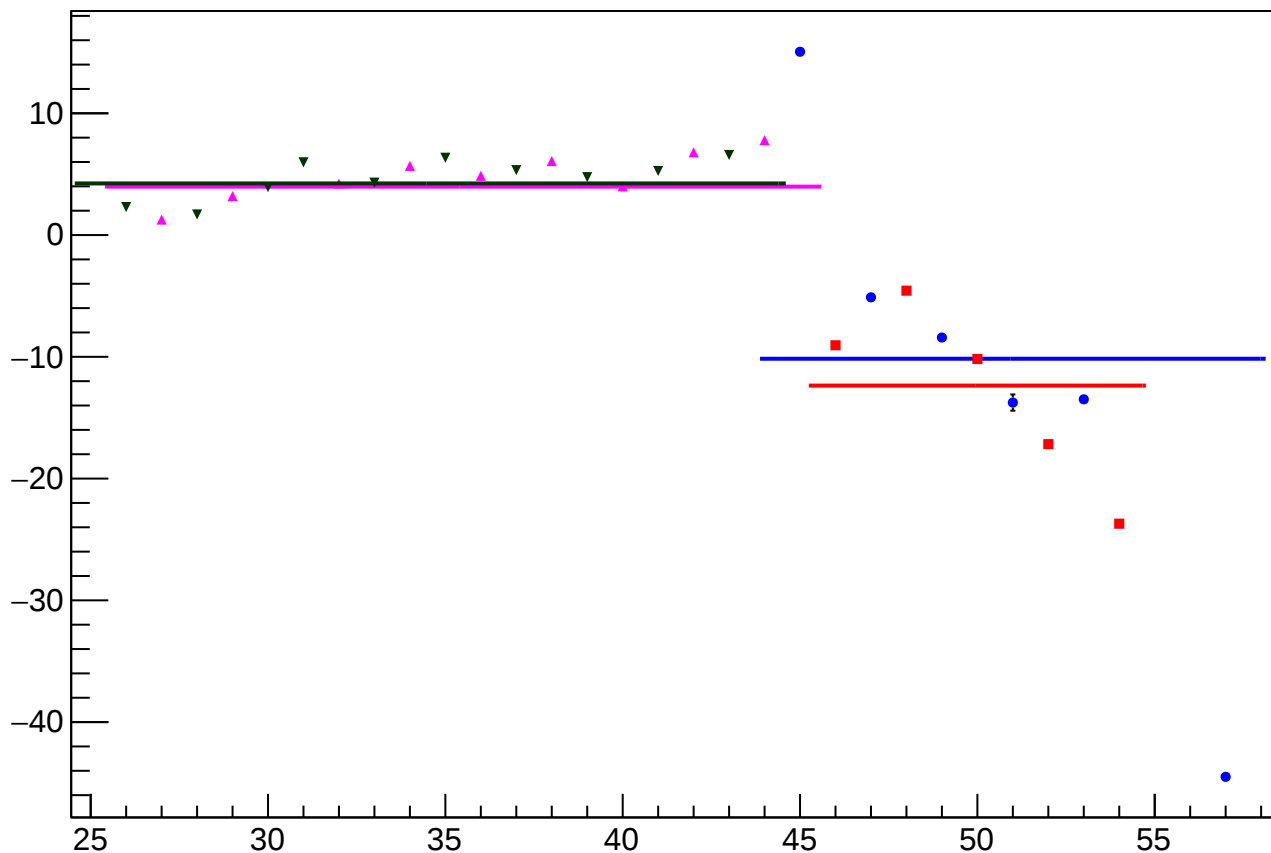
Right Out: -1.506 ± 0.014 χ^2/NDF : 5226.0/4

Left In: 0.875 ± 0.007 χ^2/NDF : 3999.7/8

0.458 ± 0.007 χ^2/NDF : 34063.1/15

0.373 ± 0.007 χ^2/NDF : 31509.5/13

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: -10.158 ± 0.095 χ^2/NDF : 17720.8/5

Left Out: 4.240 ± 0.060 χ^2/NDF : 692.9/9

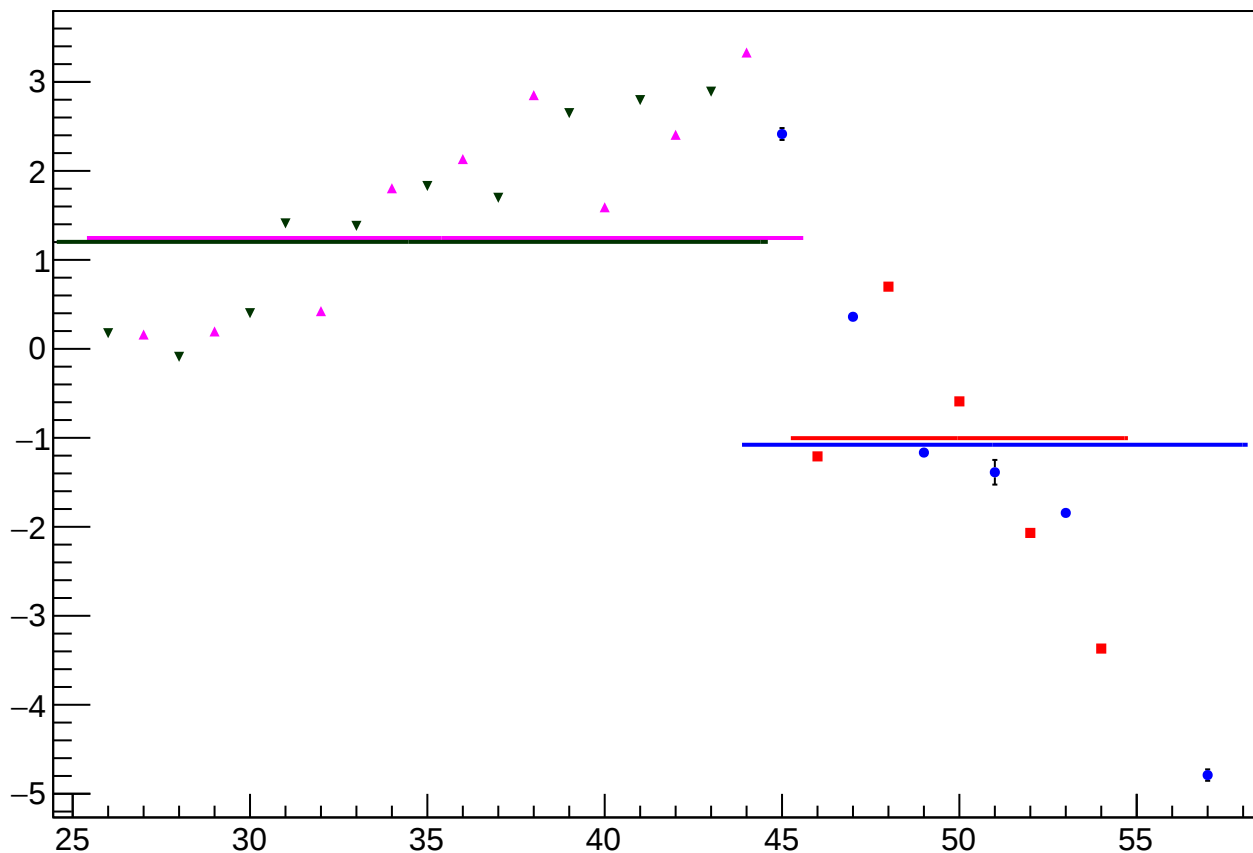
Right Out: -12.364 ± 0.101 χ^2/NDF : 4098.2/4

Left In: 3.978 ± 0.053 χ^2/NDF : 1142.5/8

0.107 ± 0.051 χ^2/NDF : 34791.8/15

0.447 ± 0.047 χ^2/NDF : 25760.1/13

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: -1.078 ± 0.018 χ^2/NDF : 7606.0/5

Left Out: 1.203 ± 0.011 χ^2/NDF : 8206.3/9

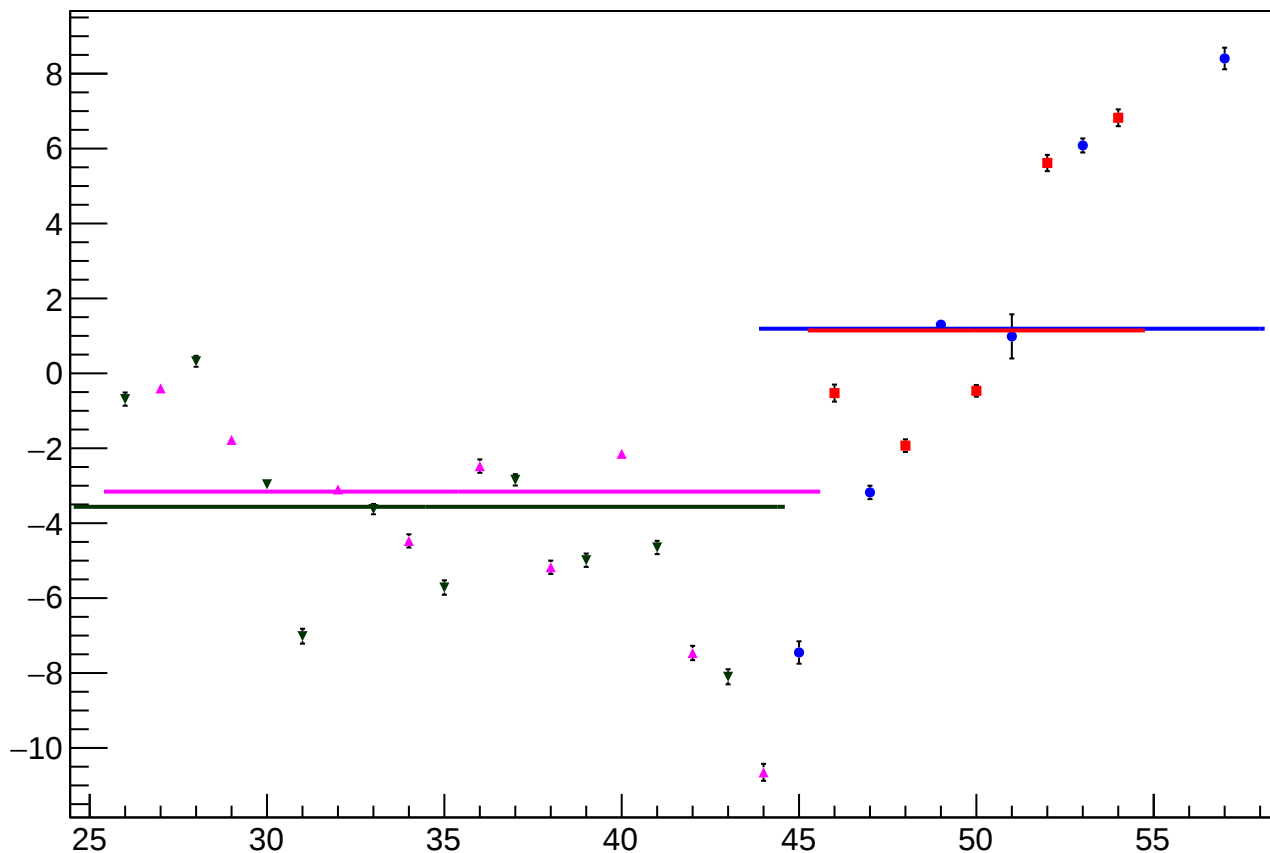
Right Out: -1.004 ± 0.019 χ^2/NDF : 4568.8/4

Left In: 1.246 ± 0.011 χ^2/NDF : 8115.6/8

0.618 ± 0.009 χ^2/NDF : 27647.6/15

0.673 ± 0.009 χ^2/NDF : 23337.9/13

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 1.191+/-0.077 χ^2/NDF : 2733.0/5

Left Out: -3.563+/-0.052 χ^2/NDF : 2041.0/9

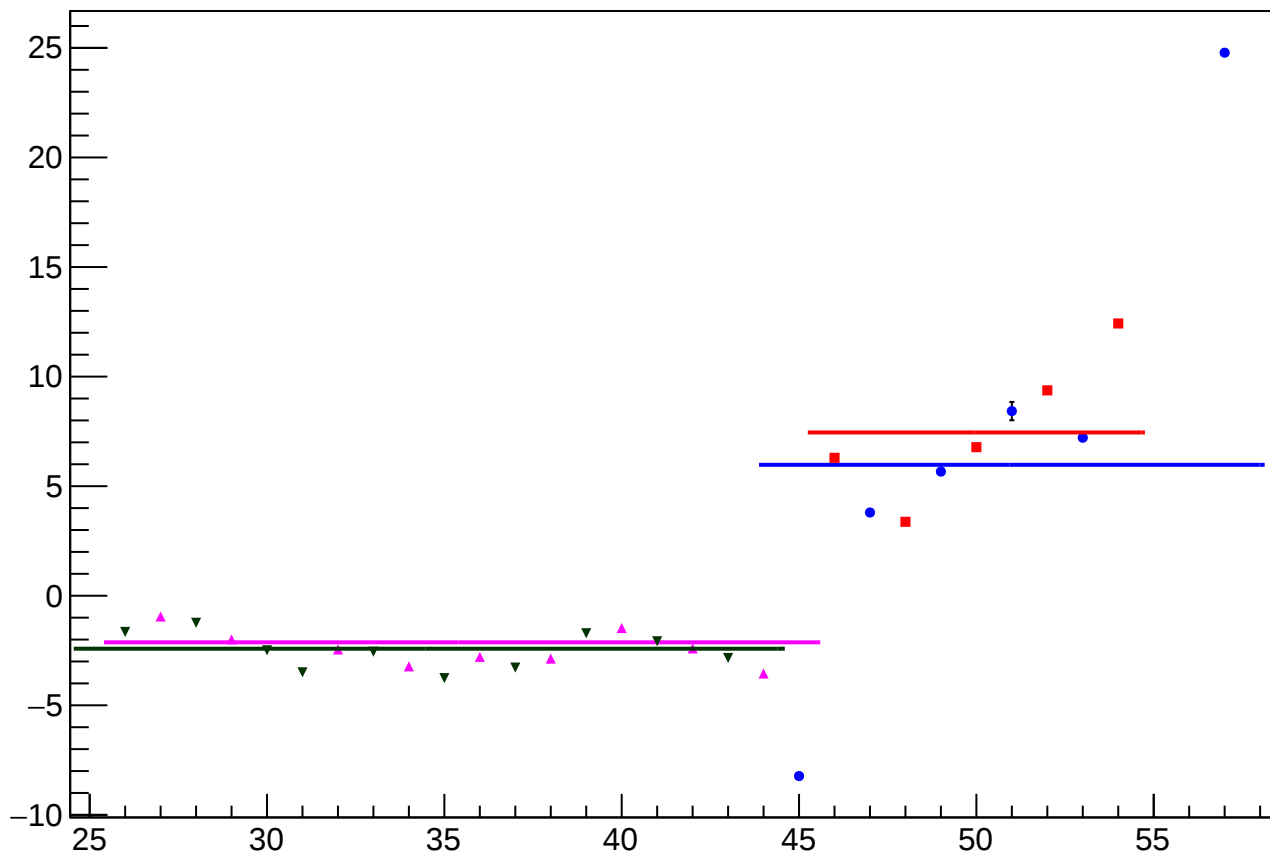
Right Out: 1.146+/-0.086 χ^2/NDF : 1551.3/4

Left In: -3.157+/-0.046 χ^2/NDF : 2492.0/8

-2.078+/-0.043 χ^2/NDF : 7385.4/15

-2.193+/-0.041 χ^2/NDF : 6000.6/13

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 5.975+/-0.061 χ^2/NDF : 11411.9/5

Left Out: -2.416+/-0.039 χ^2/NDF : 409.5/9

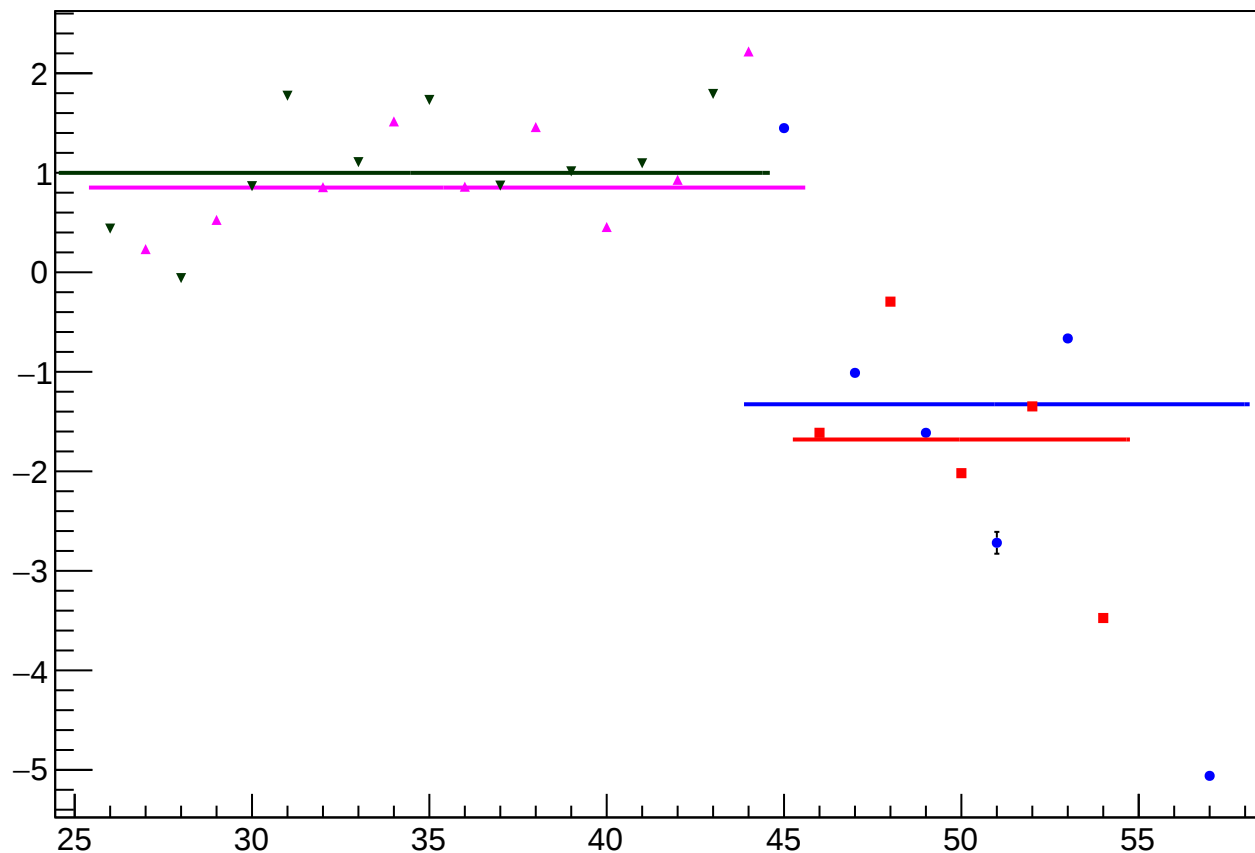
Right Out: 7.451+/-0.064 χ^2/NDF : 2101.9/4

Left In: -2.126+/-0.034 χ^2/NDF : 510.2/8

0.029+/-0.033 χ^2/NDF : 25431.1/15

-0.050+/-0.030 χ^2/NDF : 19923.1/13

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: -1.326+/-0.014 χ^2/NDF : 9858.1/5

Left Out: 0.999+/-0.008 χ^2/NDF : 4096.0/9

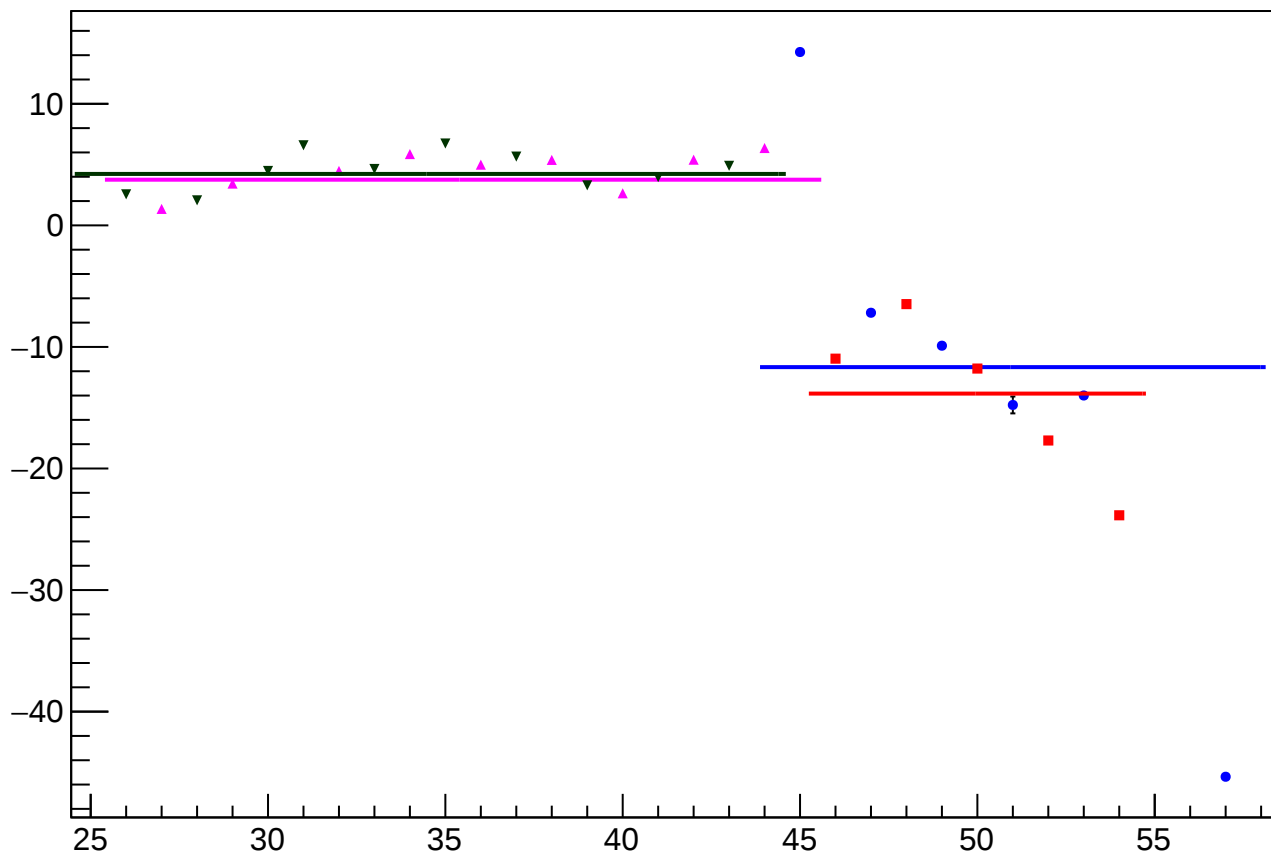
Right Out: -1.680+/-0.015 χ^2/NDF : 4715.7/4

Left In: 0.851+/-0.008 χ^2/NDF : 3579.4/8

0.404+/-0.007 χ^2/NDF : 33509.2/15

0.310+/-0.007 χ^2/NDF : 30976.9/13

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: -11.661 ± 0.100 χ^2/NDF : 16096.0/5

Left Out: 4.232 ± 0.064 χ^2/NDF : 531.4/9

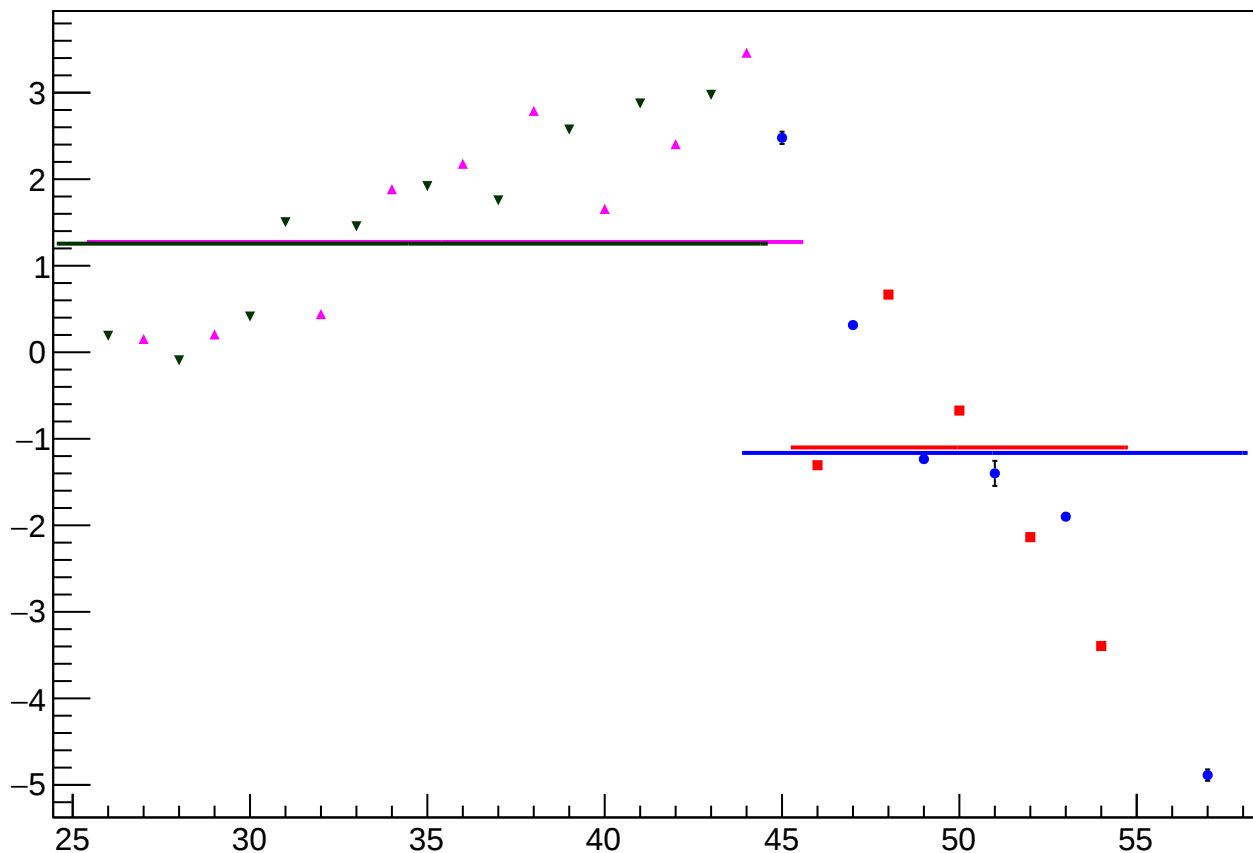
Right Out: -13.838 ± 0.106 χ^2/NDF : 3075.4/4

Left In: 3.757 ± 0.056 χ^2/NDF : 807.8/8

-0.427 ± 0.054 χ^2/NDF : 34524.6/15

-0.073 ± 0.050 χ^2/NDF : 25322.6/13

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: -1.163+/-0.019 χ^2/NDF : 7198.8/5

Left Out: 1.255+/-0.011 χ^2/NDF : 7468.2/9

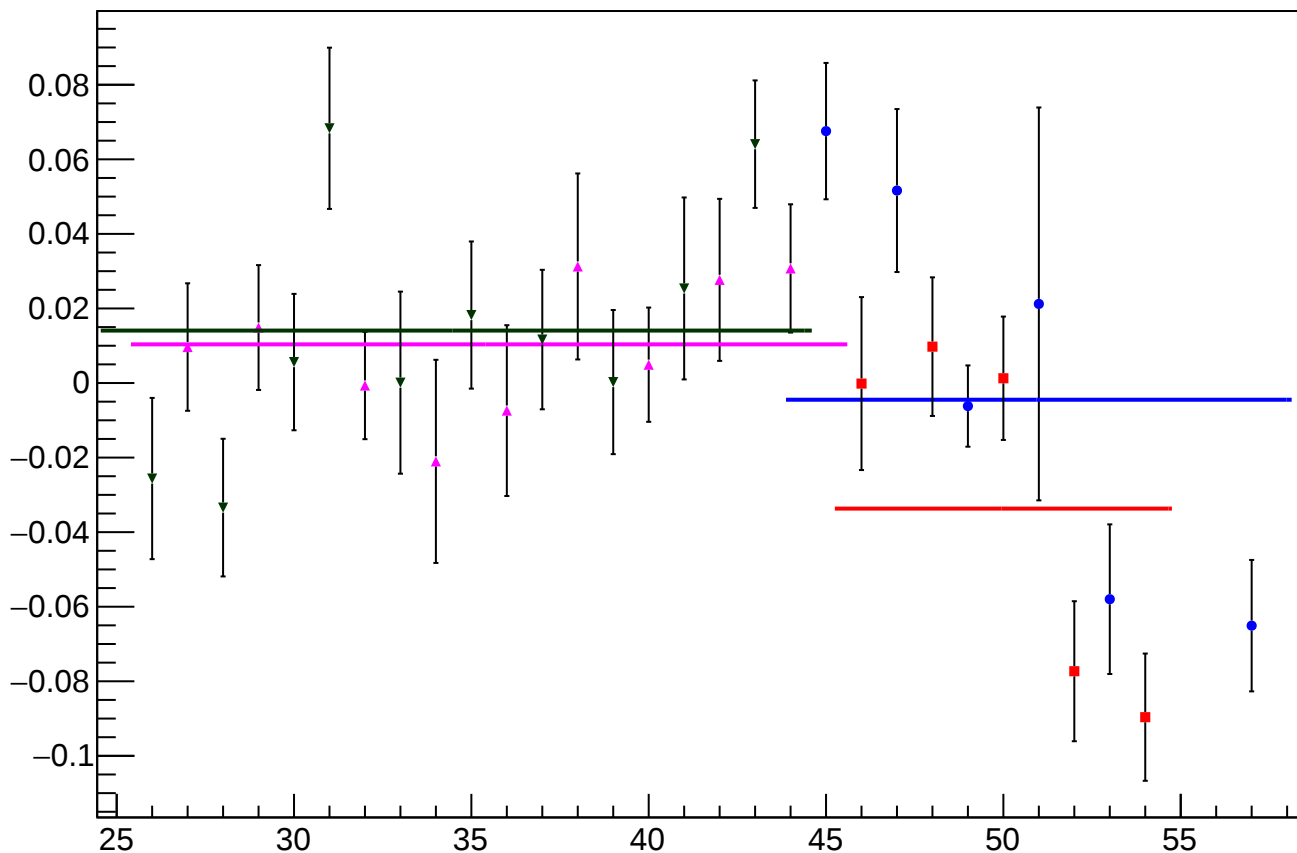
Right Out: -1.100+/-0.020 χ^2/NDF : 4249.7/4

Left In: 1.275+/-0.012 χ^2/NDF : 7555.8/8

0.621+/-0.010 χ^2/NDF : 26604.7/15

0.661+/-0.010 χ^2/NDF : 22460.7/13

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: -0.004 ± 0.007 χ^2/NDF : 41.3/5

Left Out: 0.014 ± 0.006 χ^2/NDF : 26.2/9

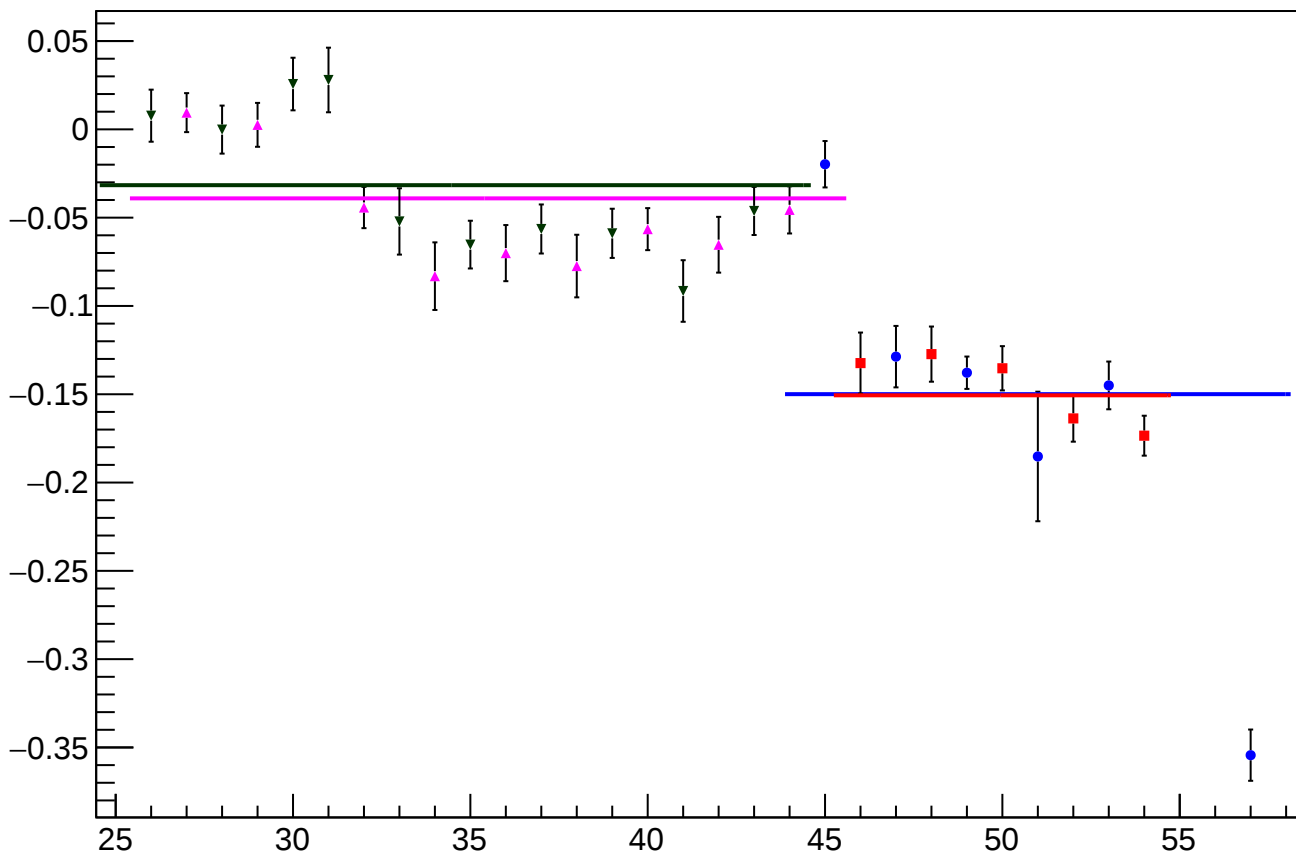
Right Out: -0.034 ± 0.008 χ^2/NDF : 28.2/4

Left In: 0.010 ± 0.006 χ^2/NDF : 5.5/8

0.006 ± 0.005 χ^2/NDF : 71.2/15

-0.005 ± 0.005 χ^2/NDF : 51.9/13

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.150 ± 0.006 χ^2/NDF : 300.9/5

Left Out: -0.032 ± 0.005 χ^2/NDF : 65.2/9

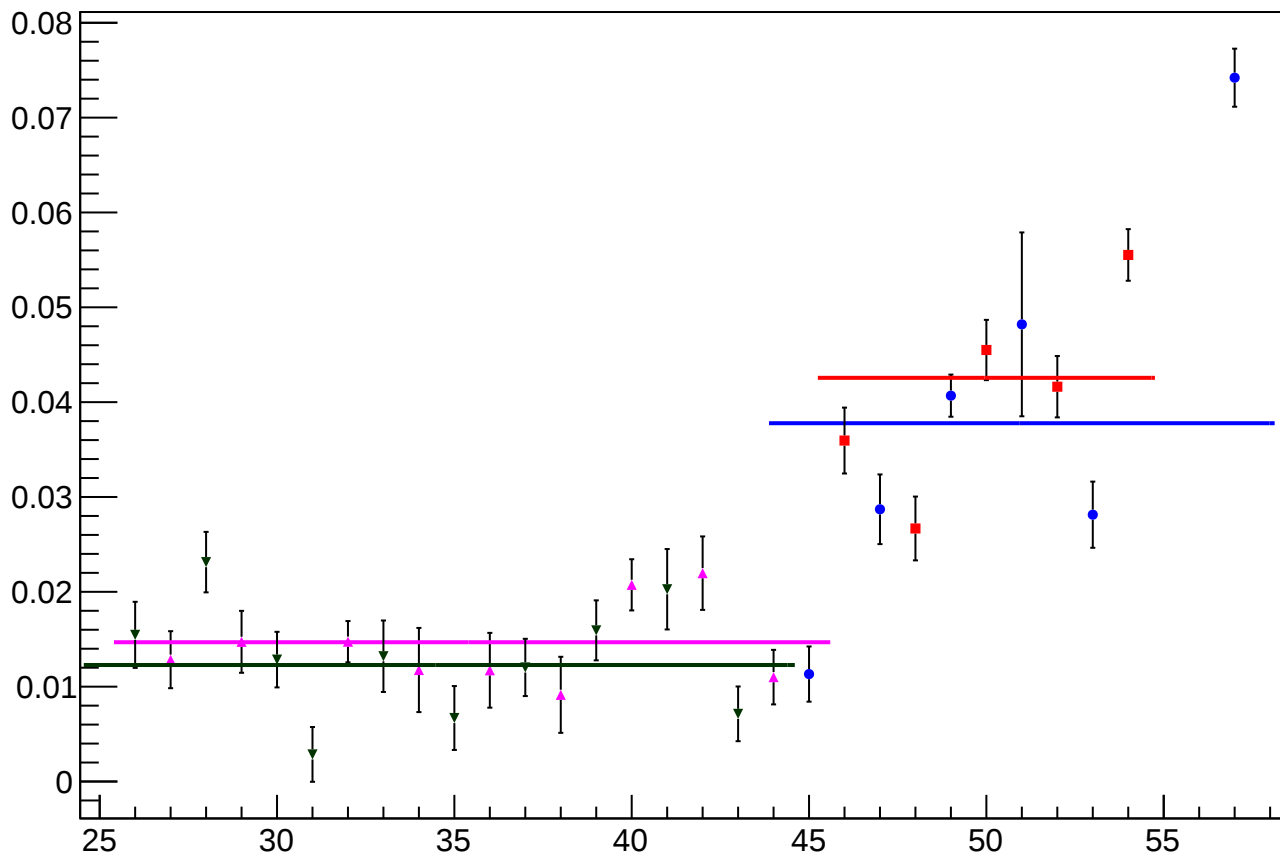
Right Out: -0.151 ± 0.006 χ^2/NDF : 9.9/4

Left In: -0.039 ± 0.005 χ^2/NDF : 49.7/8

-0.081 ± 0.004 χ^2/NDF : 627.5/15

-0.079 ± 0.004 χ^2/NDF : 277.4/13

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.038 $\pm$ 0.001 χ^2 /NDF: 240.9/5

Left Out: 0.012 $\pm$ 0.001 χ^2 /NDF:34.0/9

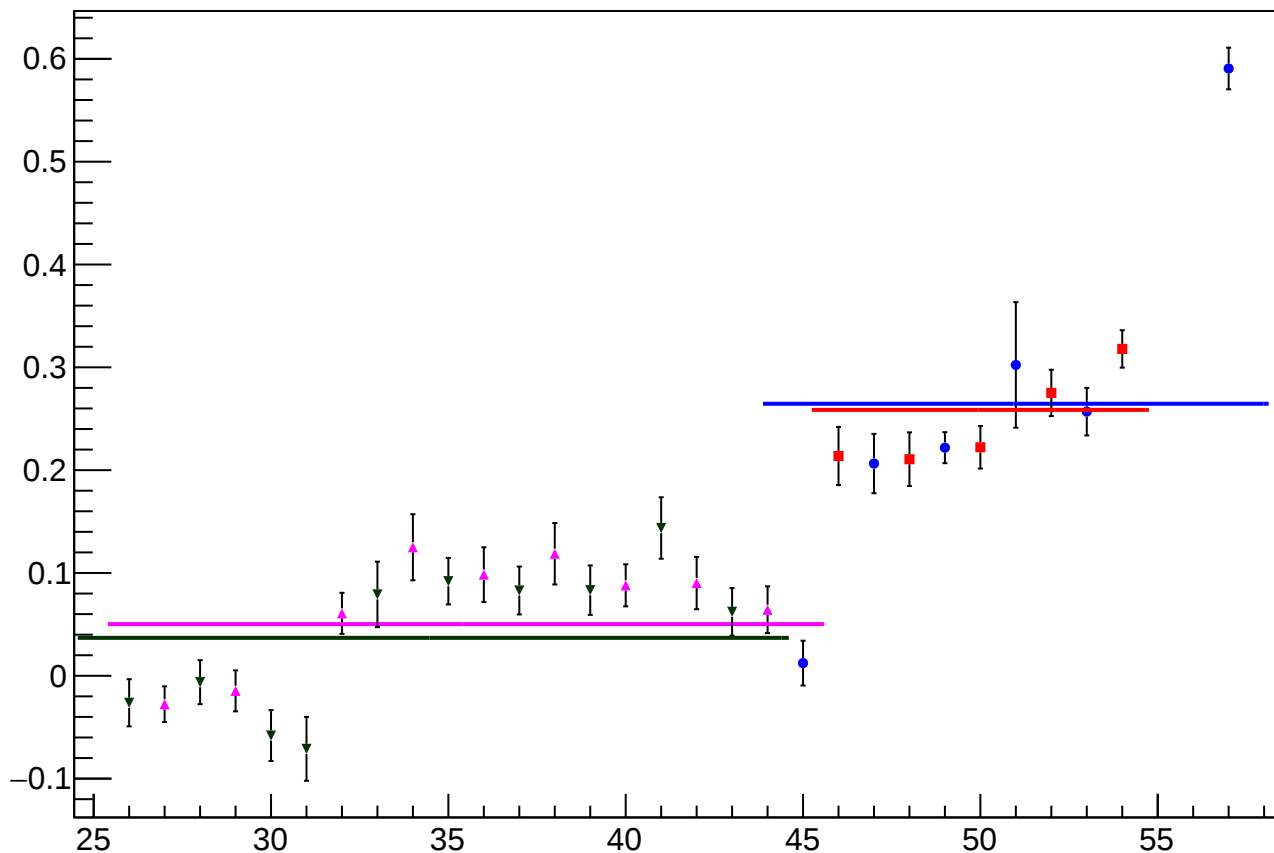
Right Out: 0.043 $\pm$ 0.001 χ^2 /NDF: 49.5/4

Left In: 0.015 $\pm$ 0.001 χ^2 /NDF:13.5/8

0.022 $\pm$ 0.001 χ^2 /NDF: 513.7/15

0.025 $\pm$ 0.001 χ^2 /NDF: 315.0/13

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.265 ± 0.009 χ^2/NDF : 405.9/5

Left Out: 0.037 ± 0.008 χ^2/NDF : 67.8/9

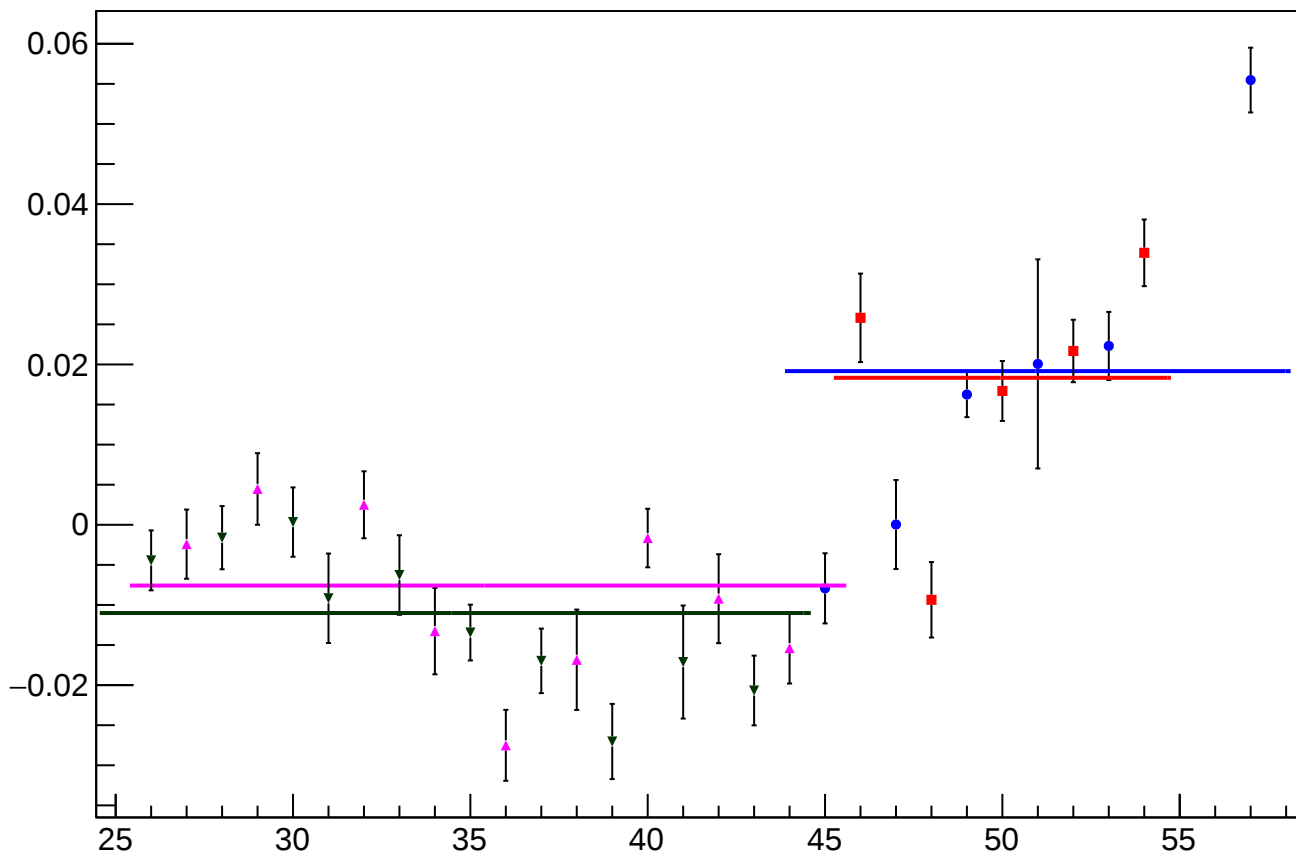
Right Out: 0.259 ± 0.010 χ^2/NDF : 20.1/4

Left In: 0.050 ± 0.008 χ^2/NDF : 51.2/8

0.135 ± 0.006 χ^2/NDF : 836.2/15

0.126 ± 0.006 χ^2/NDF : 349.5/13

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: 0.019 $\pm$ 0.002 χ^2 /NDF: 132.6/5

Left Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 36.7/9

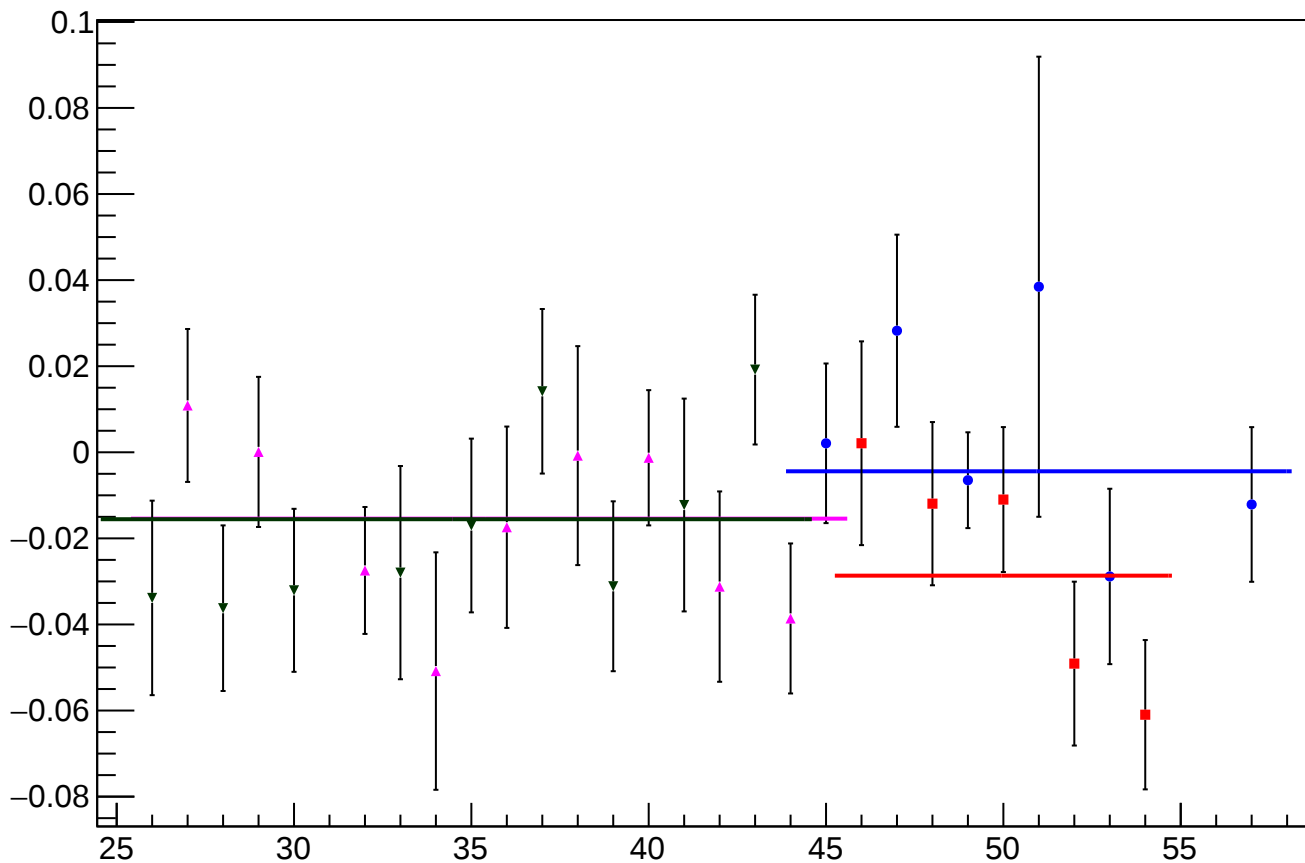
Right Out: 0.018 $\pm$ 0.002 χ^2 /NDF: 51.4/4

Left In: -0.008 $\pm$ 0.002 χ^2 /NDF: 44.0/8

0.001 $\pm$ 0.001 χ^2 /NDF: 354.9/15

0.002 $\pm$ 0.001 χ^2 /NDF: 207.8/13

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.004+/-0.007 χ^2 /NDF: 4.6/5

Left Out: -0.016+/-0.007 χ^2 /NDF: 9.9/8

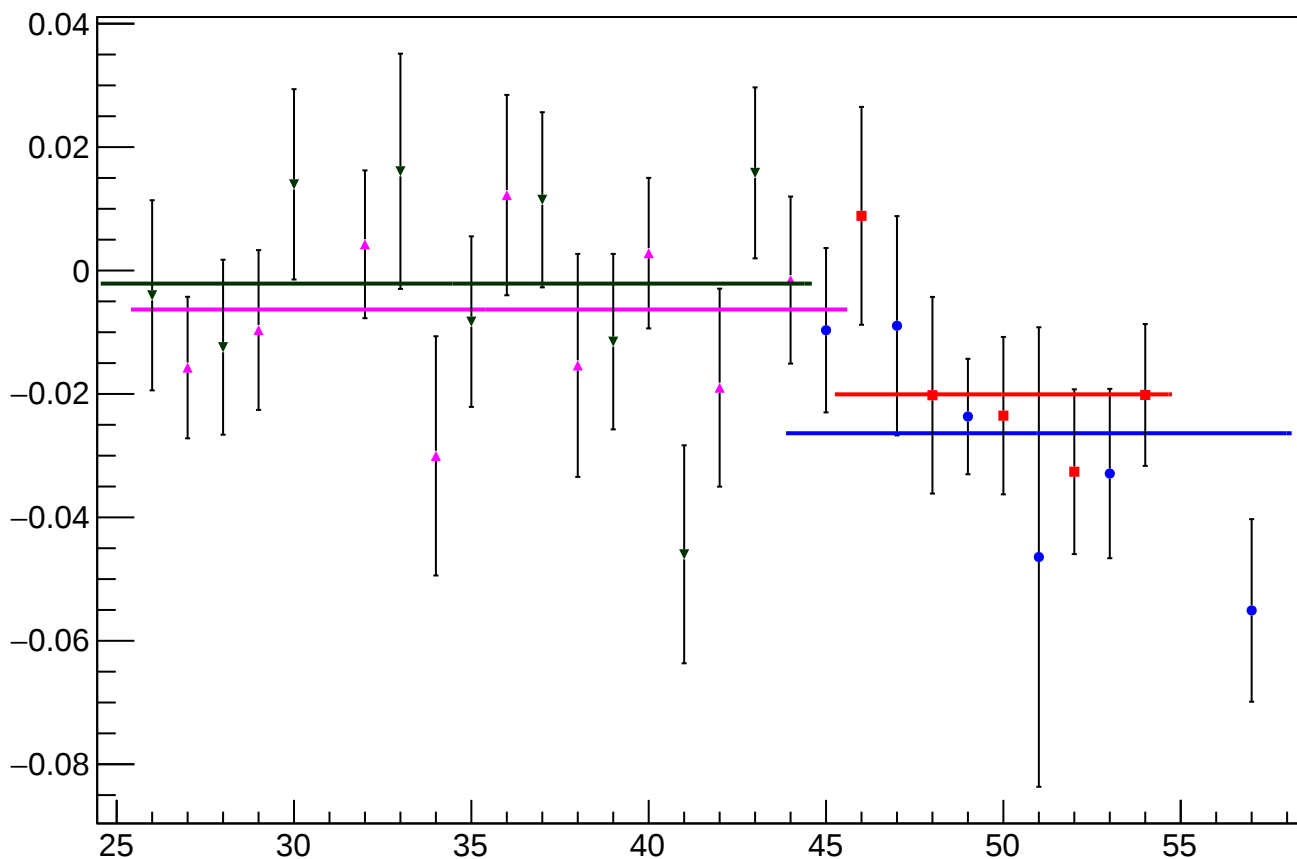
Right Out: -0.029+/-0.008 χ^2 /NDF: 8.2/4

Left In: -0.015+/-0.006 χ^2 /NDF: 8.7/8

-0.010+/-0.005 χ^2 /NDF: 15.7/14

-0.020+/-0.005 χ^2 /NDF: 18.5/13

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.026 $\pm$ 0.006 χ^2/NDF : 6.9/5

Left Out: -0.002 $\pm$ 0.005 χ^2/NDF : 11.9/8

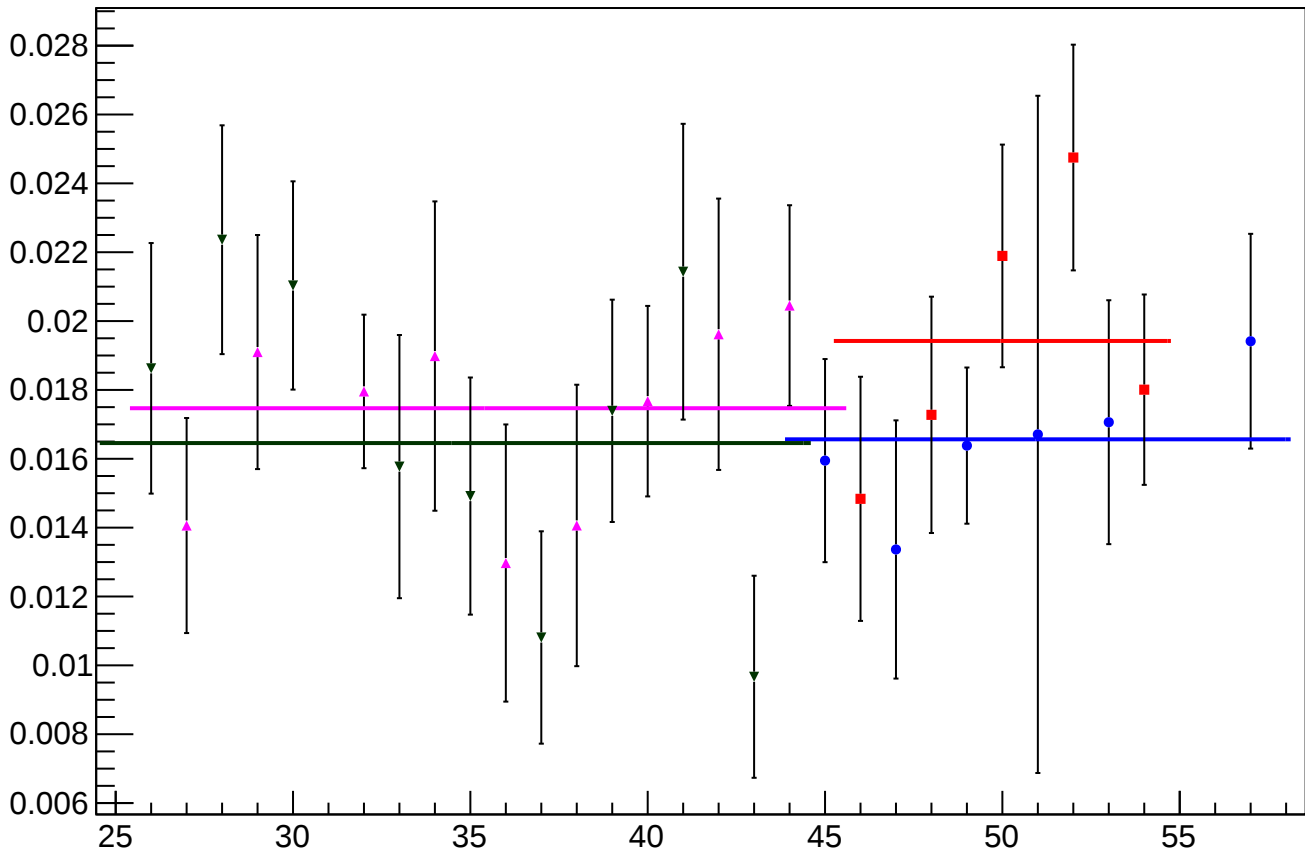
Right Out: -0.020 $\pm$ 0.006 χ^2/NDF : 3.6/4

Left In: -0.006 $\pm$ 0.005 χ^2/NDF : 5.9/8

-0.013 $\pm$ 0.004 χ^2/NDF : 29.0/14

-0.011 $\pm$ 0.004 χ^2/NDF : 12.7/13

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.017 $\pm$ 0.001 χ^2/NDF : 1.6/5

Left Out: 0.016 $\pm$ 0.001 χ^2/NDF : 16.2/8

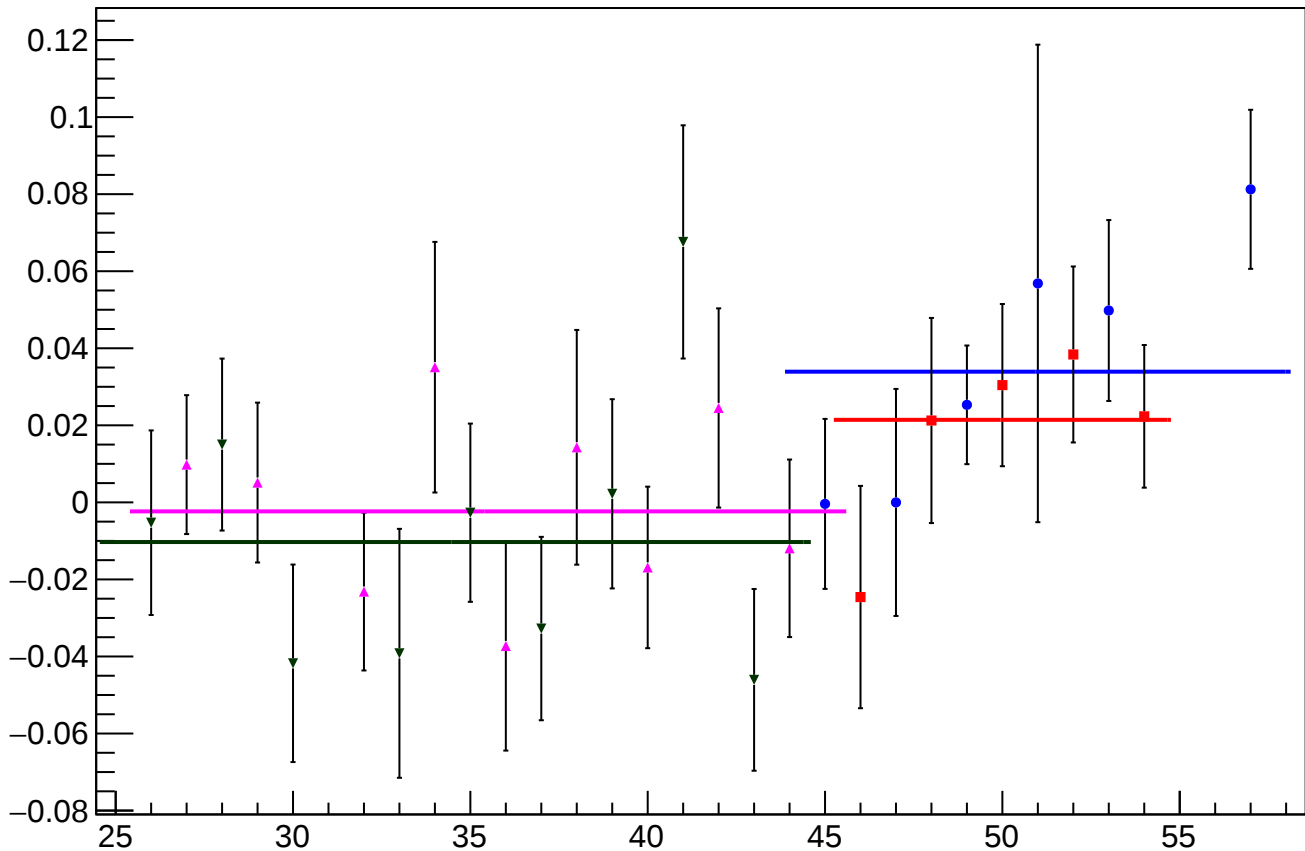
Right Out: 0.019 $\pm$ 0.001 χ^2/NDF : 5.6/4

Left In: 0.017 $\pm$ 0.001 χ^2/NDF : 4.9/8

0.017 $\pm$ 0.001 χ^2/NDF : 17.8/14

0.018 $\pm$ 0.001 χ^2/NDF : 11.6/13

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.034 $\pm$ 0.009 χ^2 /NDF: 9.9/5

Left Out: -0.010 $\pm$ 0.008 χ^2 /NDF: 13.8/8

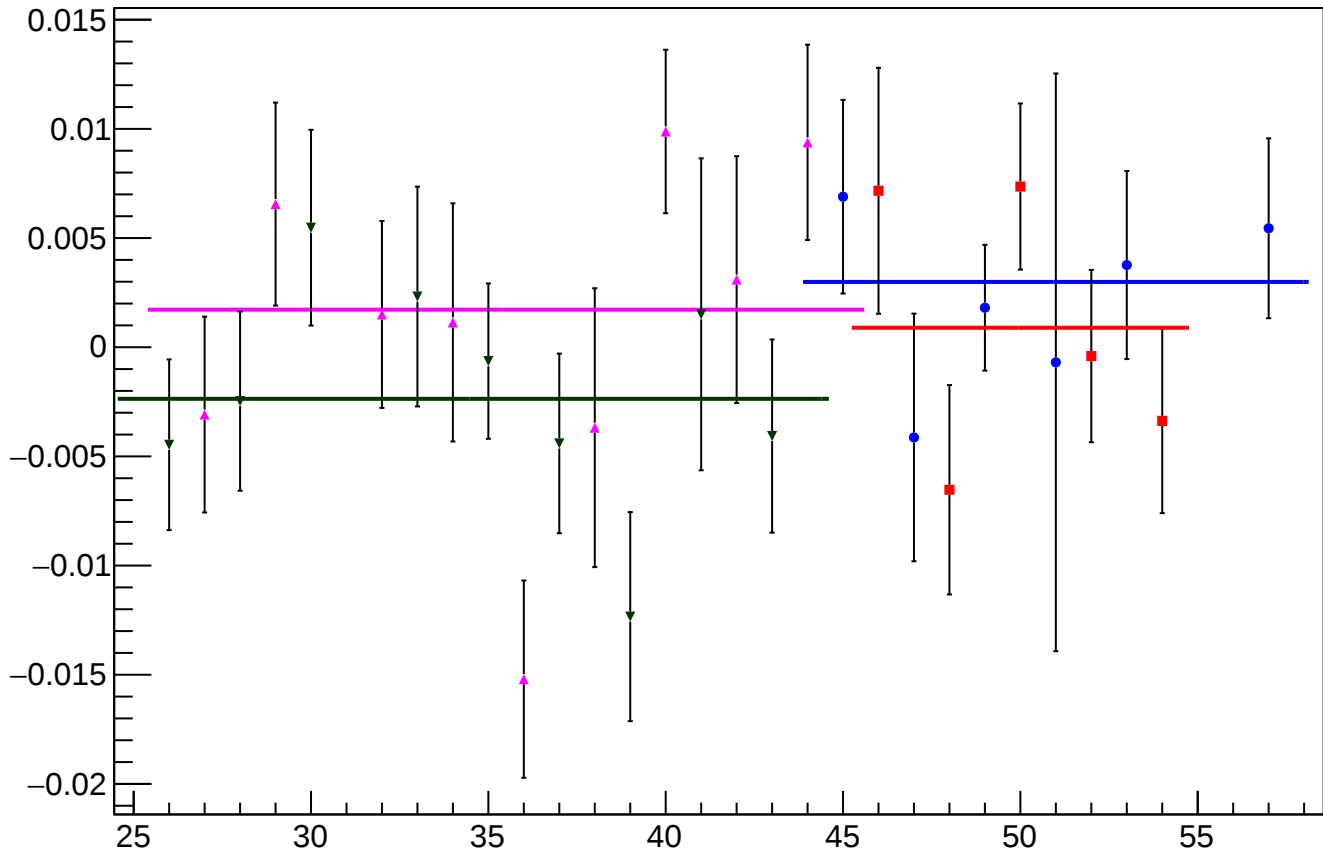
Right Out: 0.021 $\pm$ 0.010 χ^2 /NDF: 3.3/4

Left In: -0.002 $\pm$ 0.008 χ^2 /NDF: 6.6/8

0.010 $\pm$ 0.006 χ^2 /NDF: 36.4/14

0.006 $\pm$ 0.006 χ^2 /NDF: 13.4/13

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.003 ± 0.002 $\chi^2/\text{NDF}: 3.0/5$

Left Out: -0.002 ± 0.001 $\chi^2/\text{NDF}: 9.5/8$

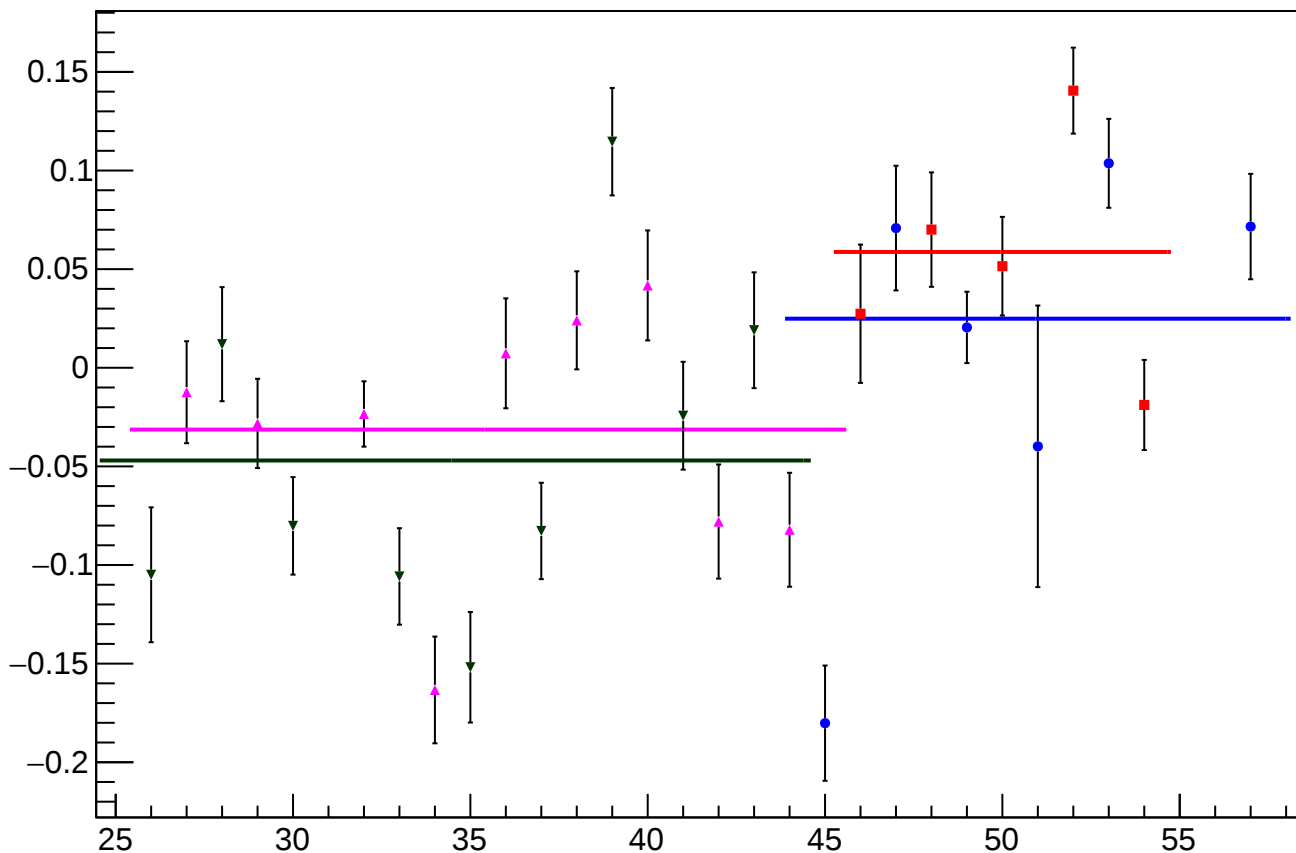
Right Out: 0.001 ± 0.002 $\chi^2/\text{NDF}: 7.6/4$

Left In: 0.002 ± 0.002 $\chi^2/\text{NDF}: 24.7/8$

-0.000 ± 0.001 $\chi^2/\text{NDF}: 17.9/14$

0.001 ± 0.001 $\chi^2/\text{NDF}: 32.5/13$

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.025 $\pm$ 0.011 χ^2 /NDF: 67.5/5

Left Out: -0.047 $\pm$ 0.009 χ^2 /NDF: 71.7/8

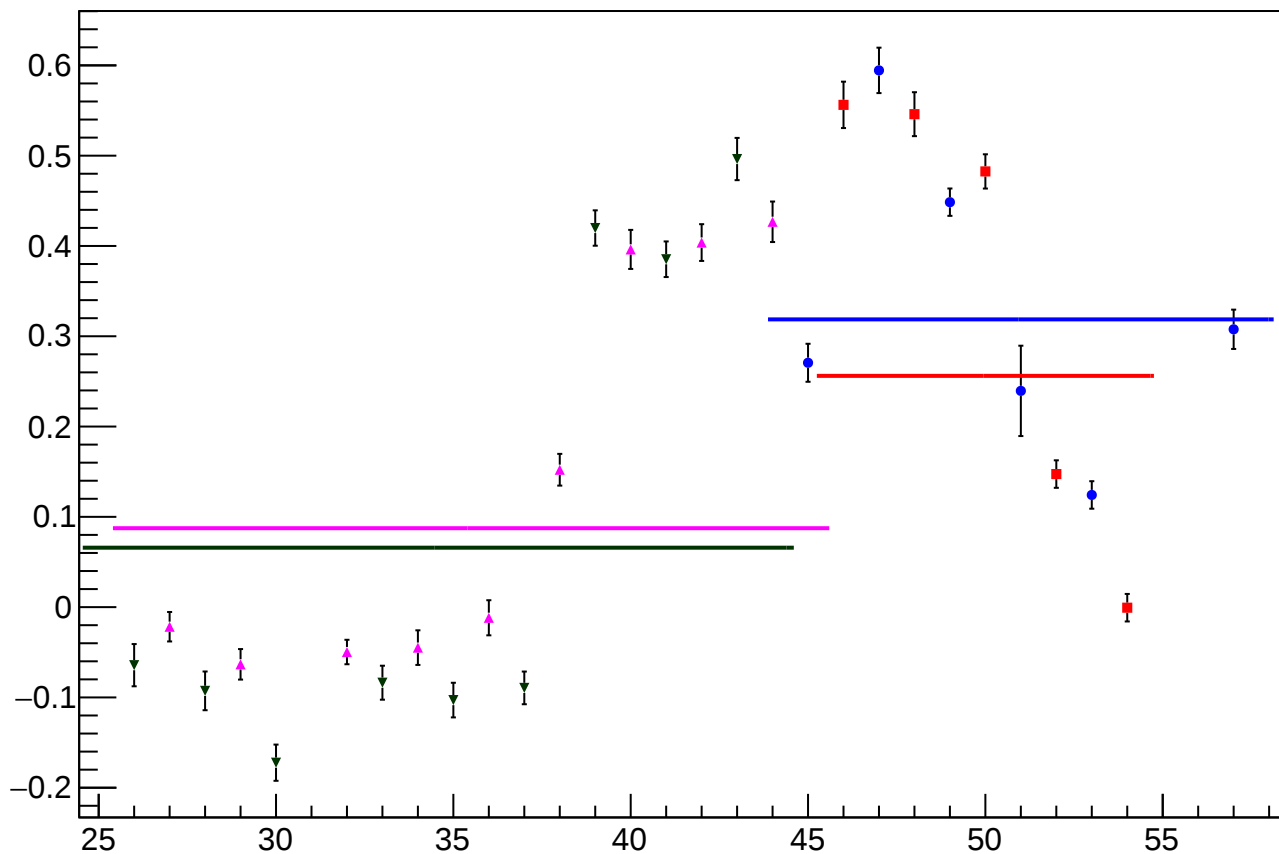
Right Out: 0.059 $\pm$ 0.011 χ^2 /NDF: 26.7/4

Left In: -0.031 $\pm$ 0.008 χ^2 /NDF: 44.0/8

-0.017 $\pm$ 0.007 χ^2 /NDF: 165.6/14

-0.001 $\pm$ 0.007 χ^2 /NDF: 111.7/13

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.319 ± 0.008 χ^2/NDF : 364.6/5

Left Out: 0.066 ± 0.007 χ^2/NDF : 1368.1/8

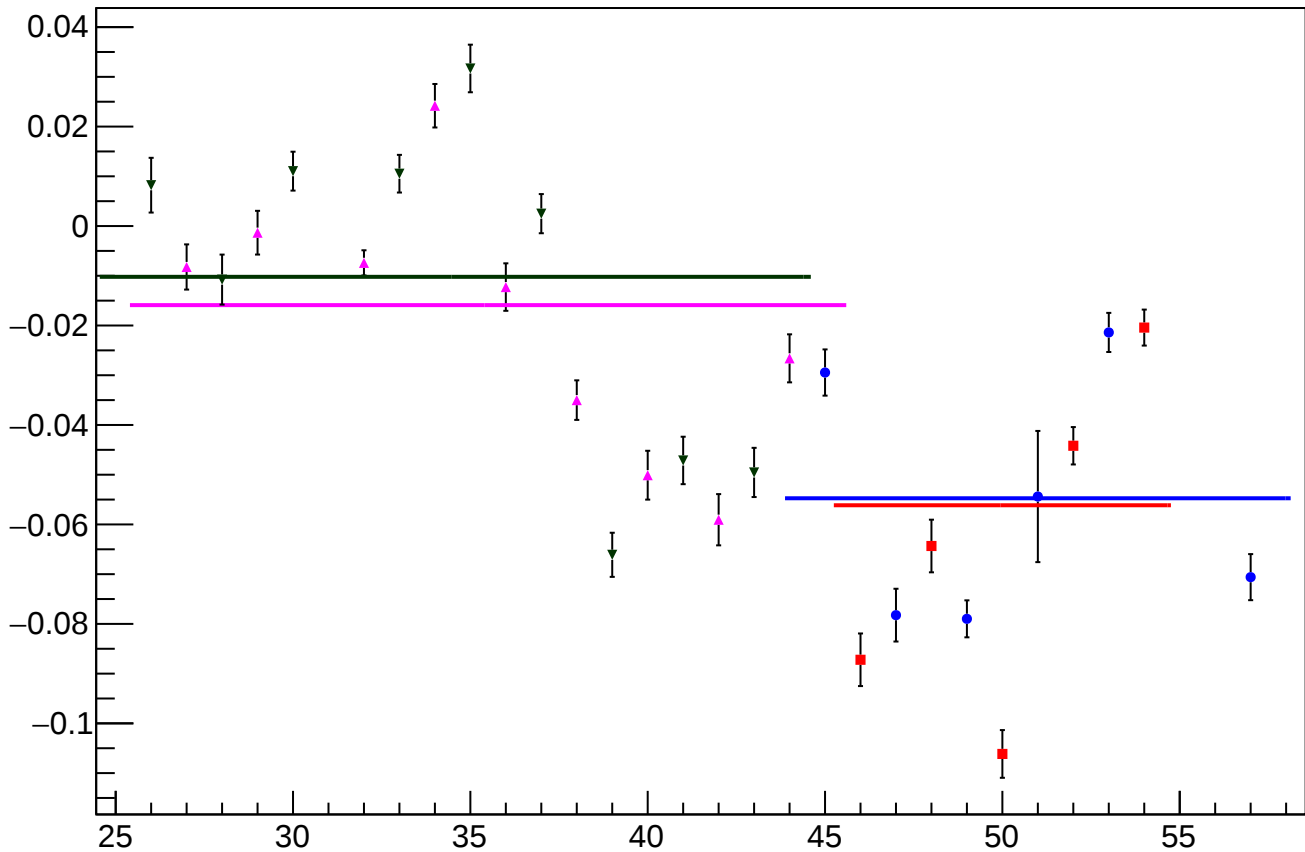
Right Out: 0.256 ± 0.008 χ^2/NDF : 755.4/4

Left In: 0.087 ± 0.006 χ^2/NDF : 988.4/8

0.168 ± 0.005 χ^2/NDF : 2304.1/14

0.145 ± 0.005 χ^2/NDF : 2016.4/13

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.055+/-0.002 χ^2 /NDF: 175.3/5

Left Out: -0.010+/-0.001 χ^2 /NDF:439.6/8

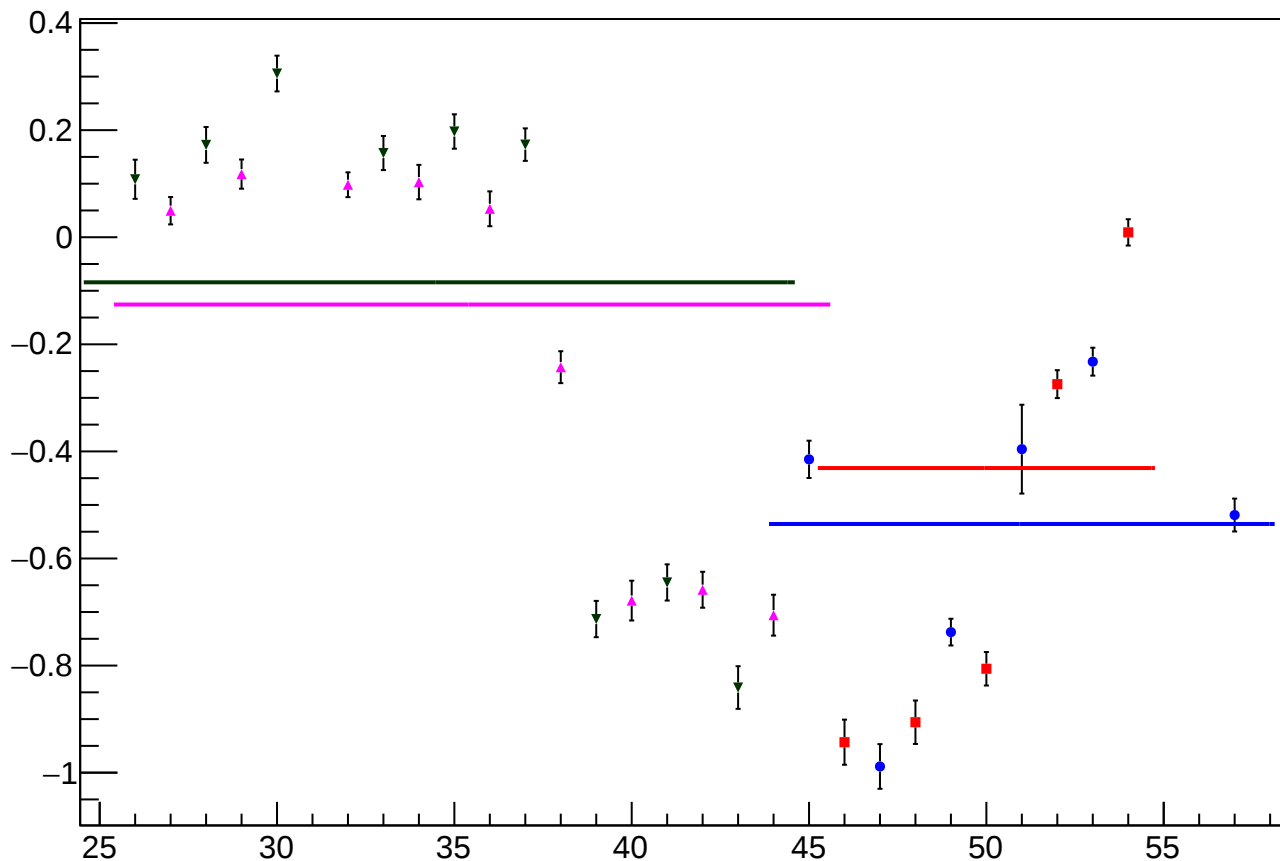
Right Out: -0.056+/-0.002 χ^2 /NDF: 253.2/4

Left In: -0.016+/-0.001 χ^2 /NDF:256.4/8

-0.027+/-0.001 χ^2 /NDF: 950.9/14

-0.029+/-0.001 χ^2 /NDF: 795.0/13

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.536+/-0.013 χ^2 /NDF: 333.8/5

Left Out: -0.084+/-0.011 χ^2 /NDF:1409.4/8

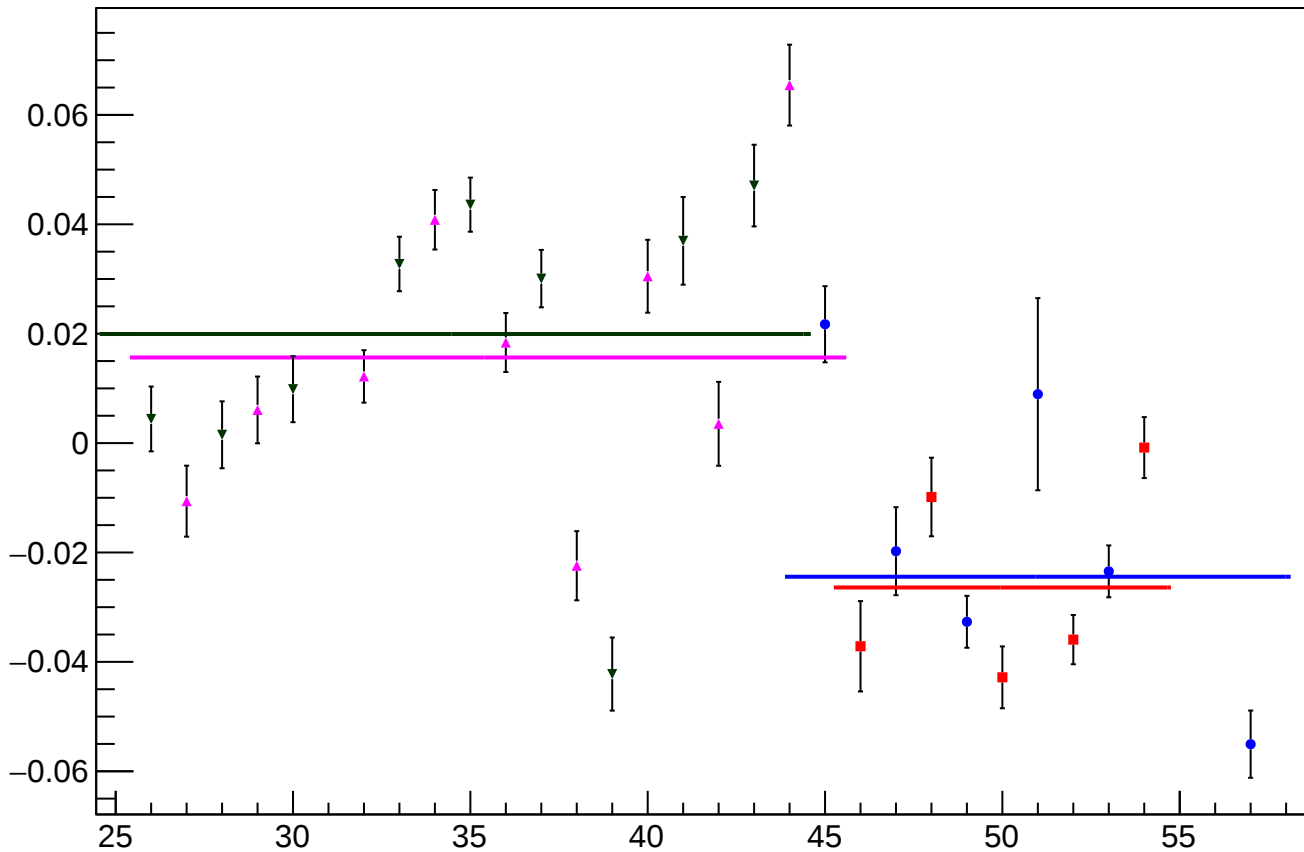
Right Out: -0.431+/-0.014 χ^2 /NDF: 784.8/4

Left In: -0.126+/-0.010 χ^2 /NDF:1020.3/8

-0.272+/-0.009 χ^2 /NDF: 2418.6/14

-0.231+/-0.008 χ^2 /NDF: 2129.9/13

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.024 ± 0.003 χ^2/NDF : 75.8/5

Left Out: 0.020 ± 0.002 χ^2/NDF : 156.1/8

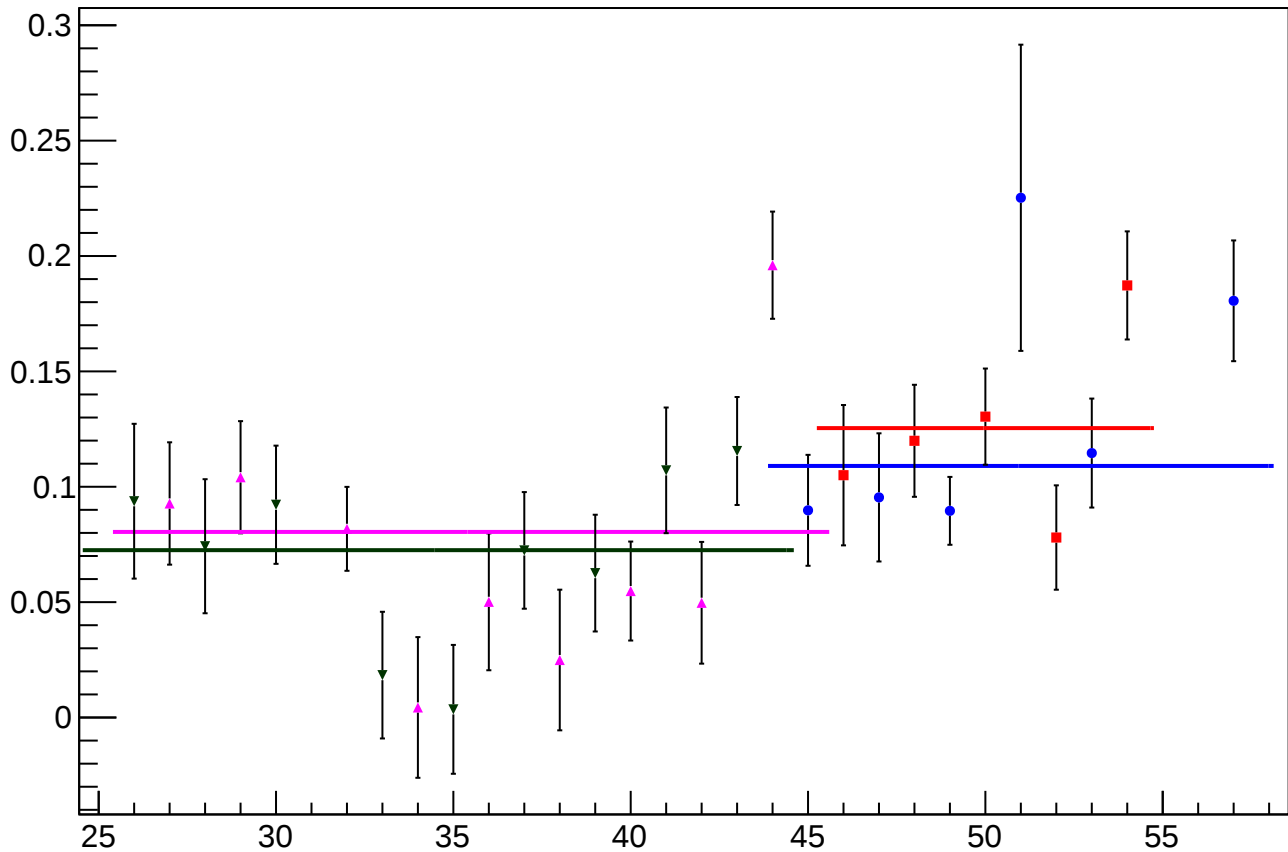
Right Out: -0.026 ± 0.003 χ^2/NDF : 41.0/4

Left In: 0.016 ± 0.002 χ^2/NDF : 130.2/8

0.003 ± 0.002 χ^2/NDF : 421.8/14

-0.000 ± 0.002 χ^2/NDF : 333.6/13

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.109 ± 0.009 χ^2/NDF : 13.2/5

Left Out: 0.073 ± 0.009 χ^2/NDF : 16.1/8

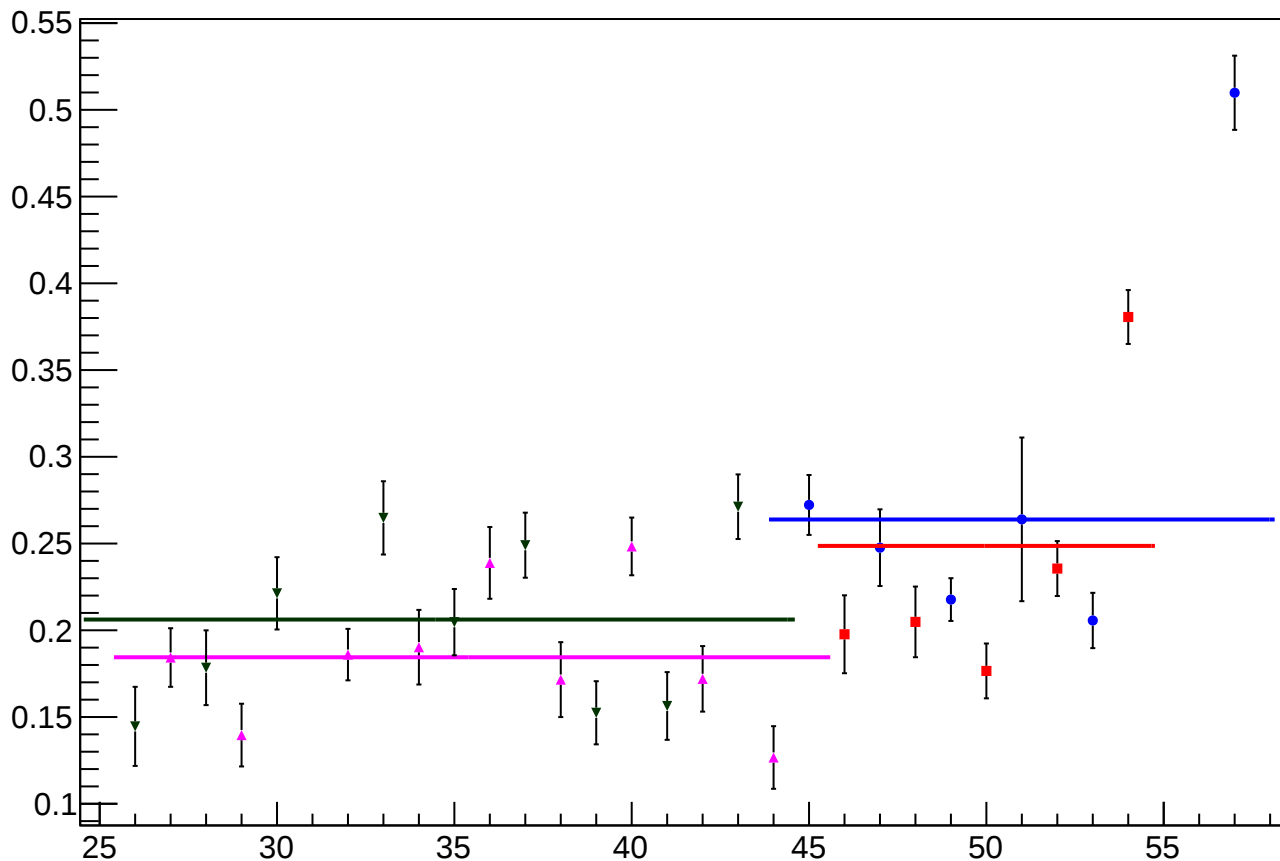
Right Out: 0.125 ± 0.011 χ^2/NDF : 11.9/4

Left In: 0.080 ± 0.008 χ^2/NDF : 39.3/8

0.090 ± 0.007 χ^2/NDF : 37.2/14

0.097 ± 0.006 χ^2/NDF : 62.5/13

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.264 $\pm$ 0.007 χ^2 /NDF: 160.4/5

Left Out: 0.206 $\pm$ 0.007 χ^2 /NDF: 49.8/8

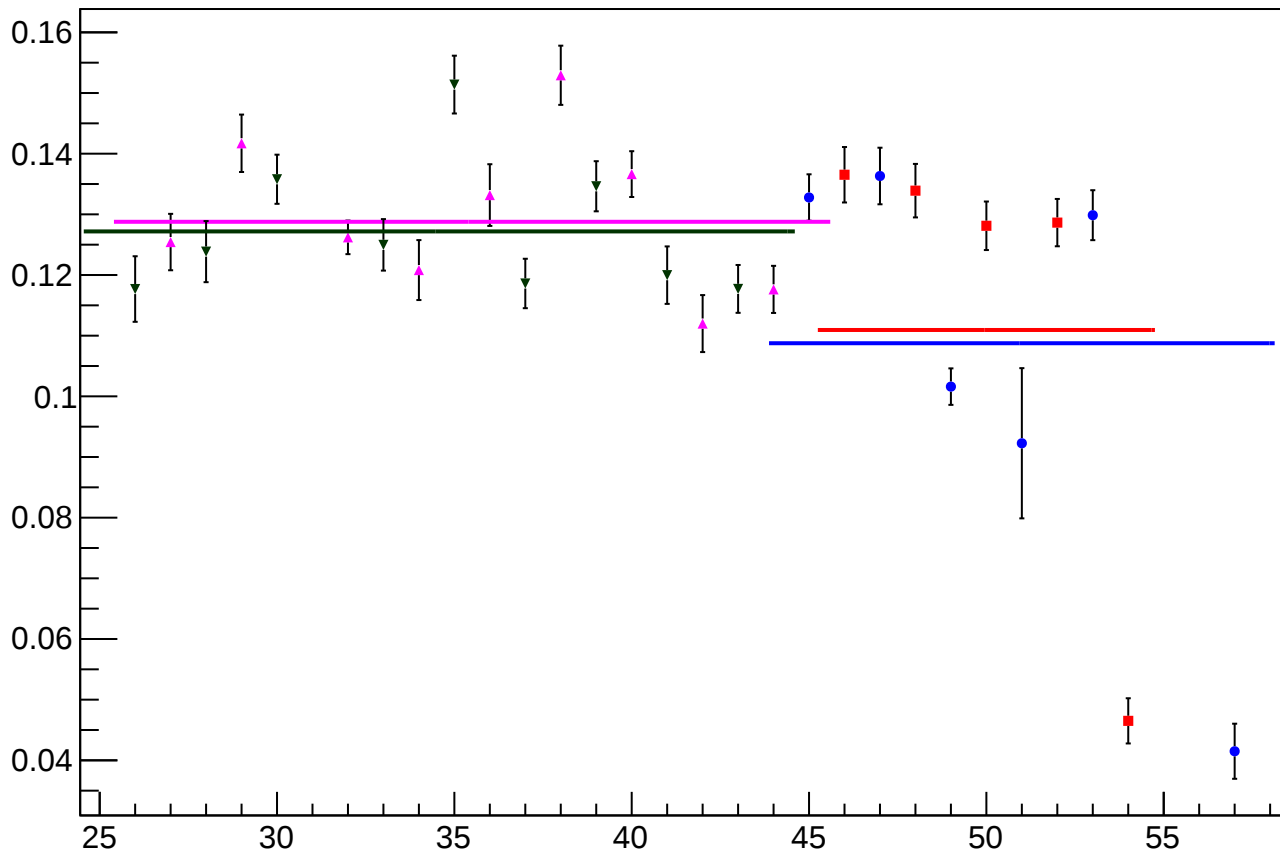
Right Out: 0.249 $\pm$ 0.008 χ^2 /NDF: 103.4/4

Left In: 0.184 $\pm$ 0.006 χ^2 /NDF: 39.0/8

0.232 $\pm$ 0.005 χ^2 /NDF: 244.3/14

0.209 $\pm$ 0.005 χ^2 /NDF: 184.8/13

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.109 $\pm$ 0.002 χ^2 /NDF: 327.6/5

Left Out: 0.127 $\pm$ 0.001 χ^2 /NDF: 49.9/8

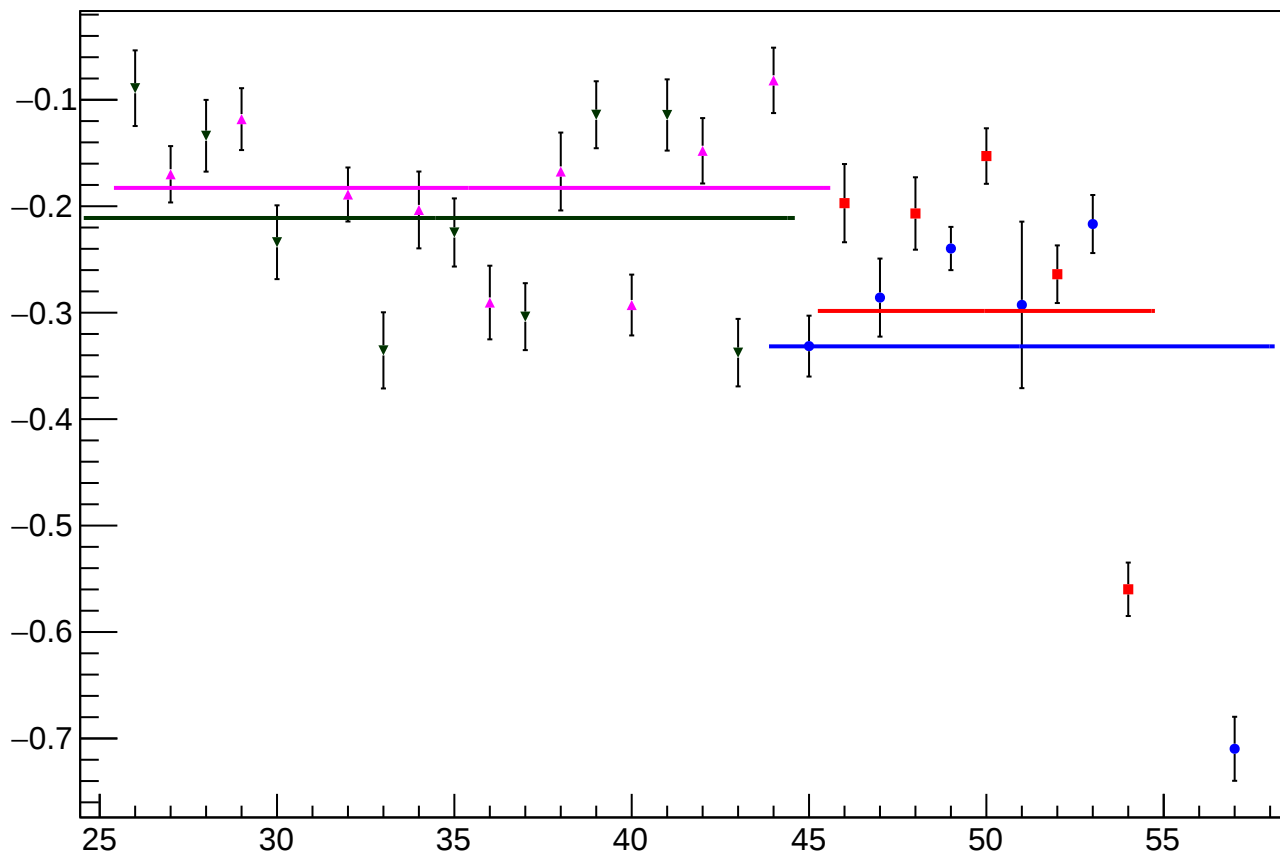
Right Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 396.6/4

Left In: 0.129 $\pm$ 0.001 χ^2 /NDF: 62.0/8

0.119 $\pm$ 0.001 χ^2 /NDF: 443.9/14

0.122 $\pm$ 0.001 χ^2 /NDF: 519.3/13

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.332 ± 0.012 χ^2/NDF : 198.1/5

Left Out: -0.211 ± 0.011 χ^2/NDF : 72.2/8

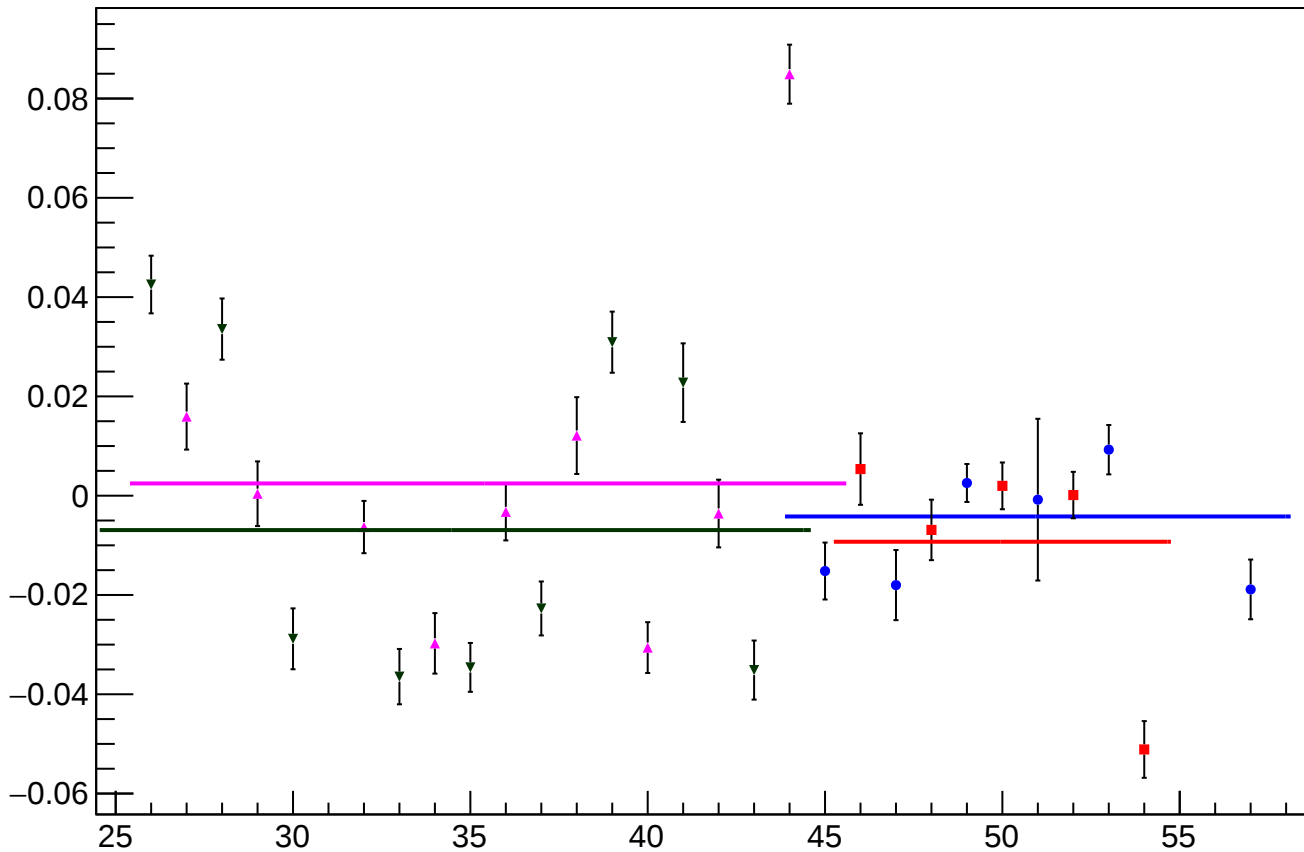
Right Out: -0.298 ± 0.013 χ^2/NDF : 156.1/4

Left In: -0.183 ± 0.010 χ^2/NDF : 42.4/8

-0.267 ± 0.008 χ^2/NDF : 325.2/14

-0.227 ± 0.008 χ^2/NDF : 248.5/13

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.004 $\pm$ 0.002 χ^2/NDF : 23.9/5

Left Out: -0.007 $\pm$ 0.002 χ^2/NDF : 270.8/8

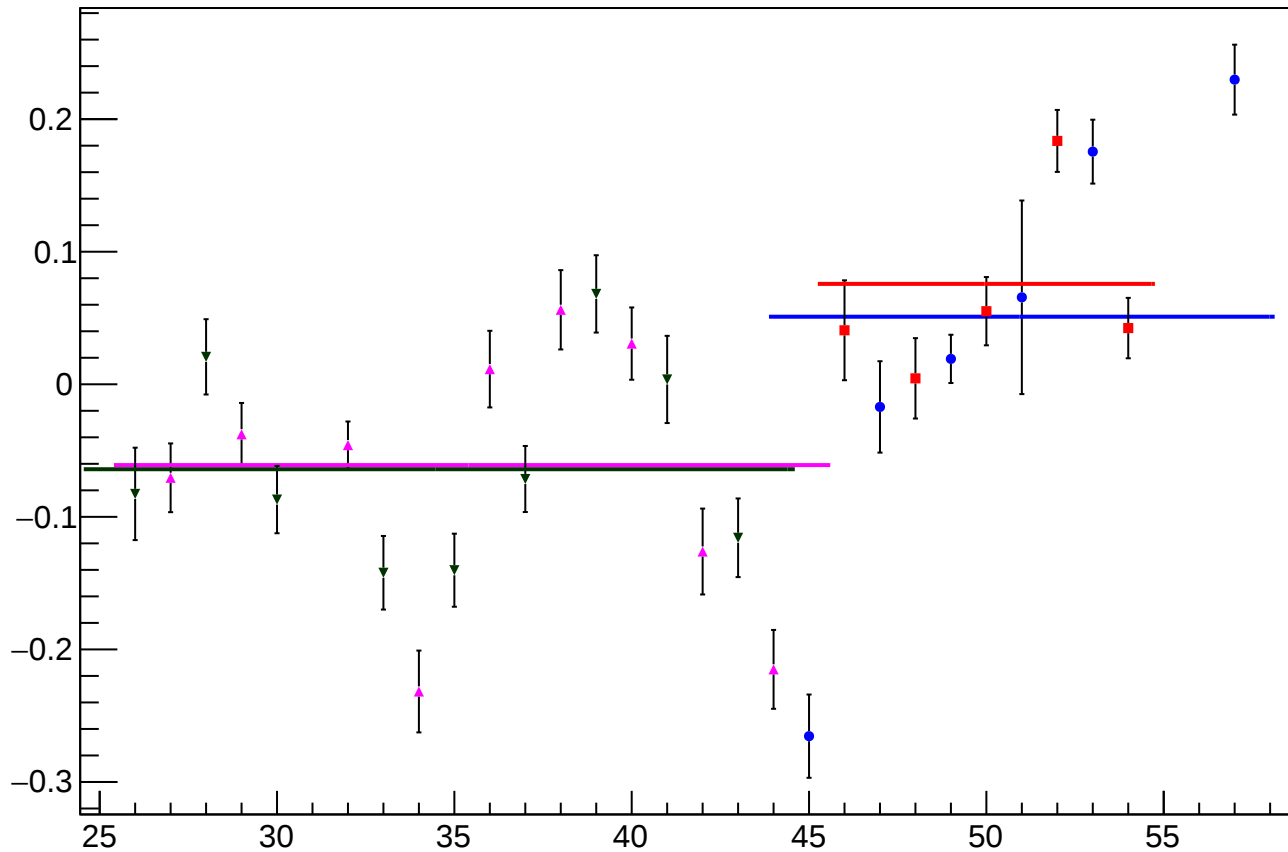
Right Out: -0.009 $\pm$ 0.002 χ^2/NDF : 67.7/4

Left In: 0.002 $\pm$ 0.002 χ^2/NDF : 272.2/8

-0.006 $\pm$ 0.001 χ^2/NDF : 295.6/14

-0.002 $\pm$ 0.002 χ^2/NDF : 353.7/13

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.051 ± 0.011 χ^2/NDF : 181.1/5

Left Out: -0.064 ± 0.010 χ^2/NDF : 53.5/8

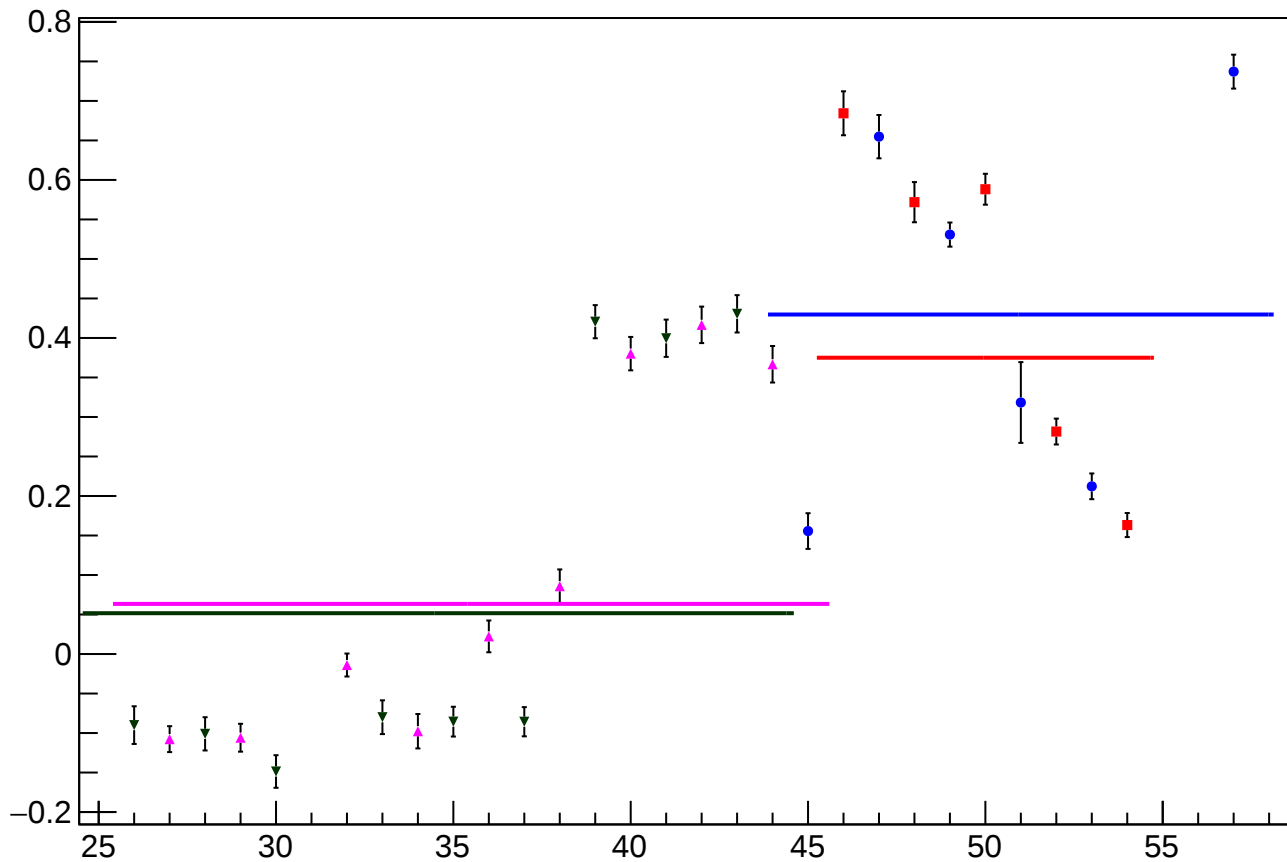
Right Out: 0.076 ± 0.012 χ^2/NDF : 30.5/4

Left In: -0.061 ± 0.009 χ^2/NDF : 96.2/8

-0.015 ± 0.007 χ^2/NDF : 297.0/14

-0.013 ± 0.007 χ^2/NDF : 212.7/13

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.430 ± 0.008 χ^2/NDF : 646.7/5

Left Out: 0.052 ± 0.007 χ^2/NDF : 1112.2/8

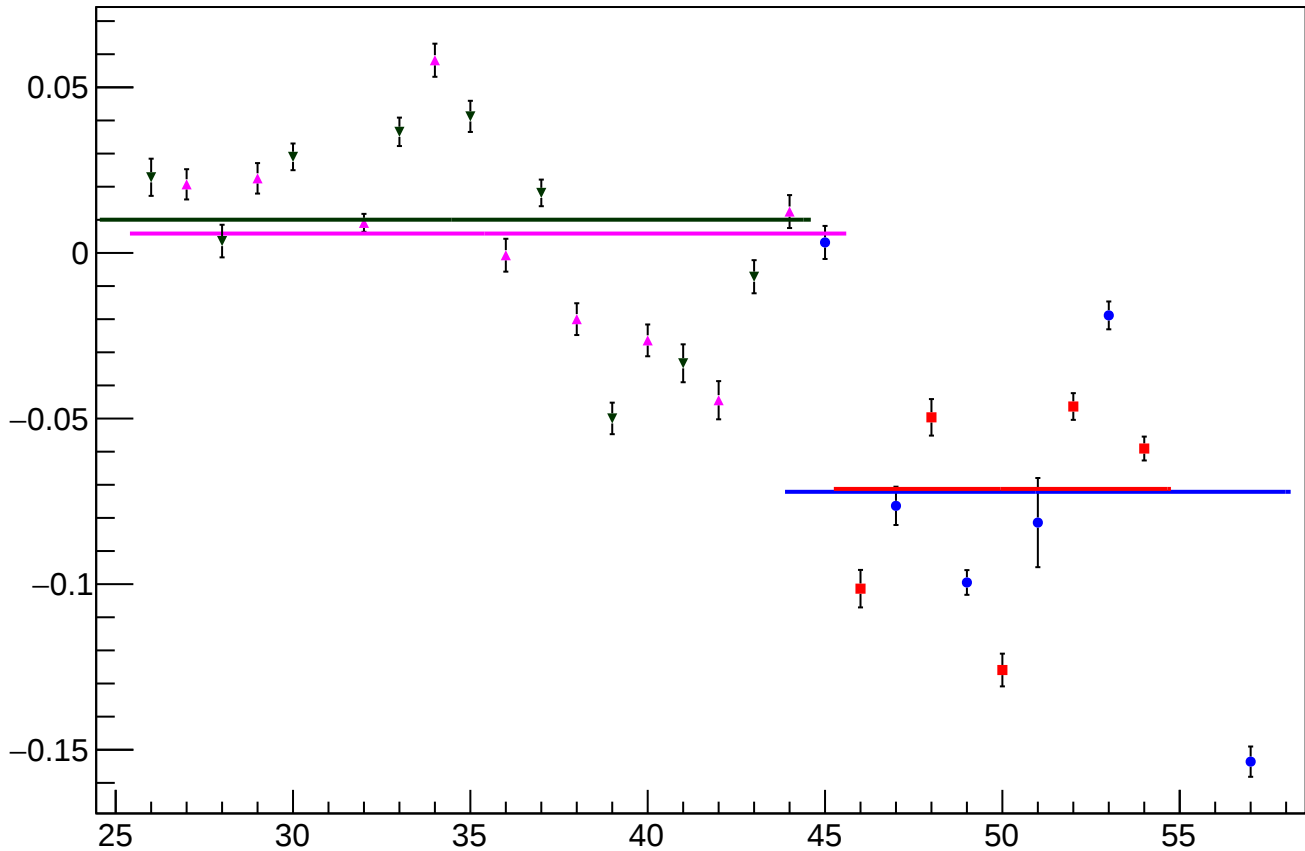
Right Out: 0.375 ± 0.009 χ^2/NDF : 528.5/4

Left In: 0.063 ± 0.006 χ^2/NDF : 919.9/8

0.206 ± 0.005 χ^2/NDF : 2935.1/14

0.174 ± 0.005 χ^2/NDF : 2292.7/13

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.072 $\pm$ 0.002 χ^2 /NDF: 760.6/5

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:343.5/8

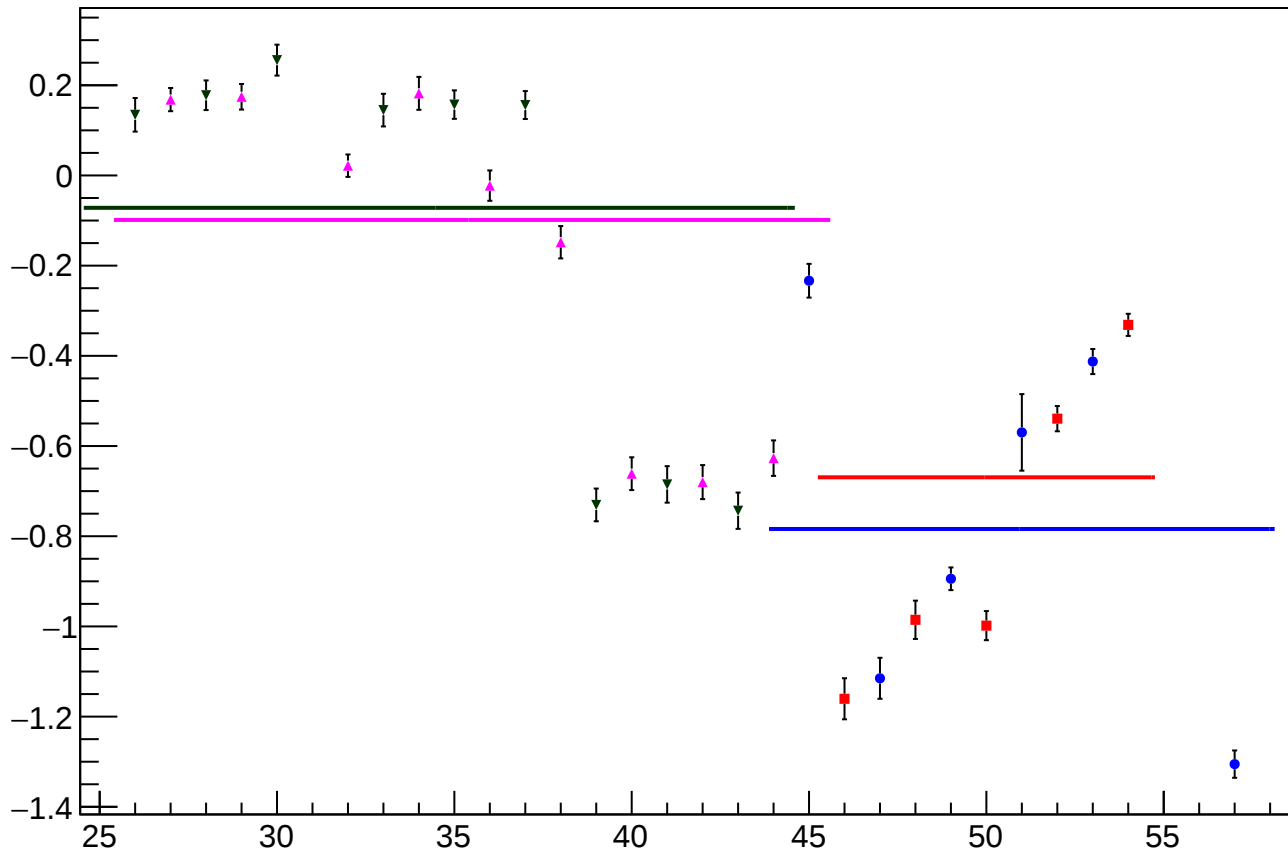
Right Out: -0.071 $\pm$ 0.002 χ^2 /NDF: 215.7/4

Left In: 0.006 $\pm$ 0.001 χ^2 /NDF:288.4/8

-0.021 $\pm$ 0.001 χ^2 /NDF: 2157.7/14

-0.020 $\pm$ 0.001 χ^2 /NDF: 1457.2/13

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.784 $\pm$ 0.014 χ^2 /NDF: 768.8/5

Left Out: -0.072 $\pm$ 0.012 χ^2 /NDF:1160.0/8

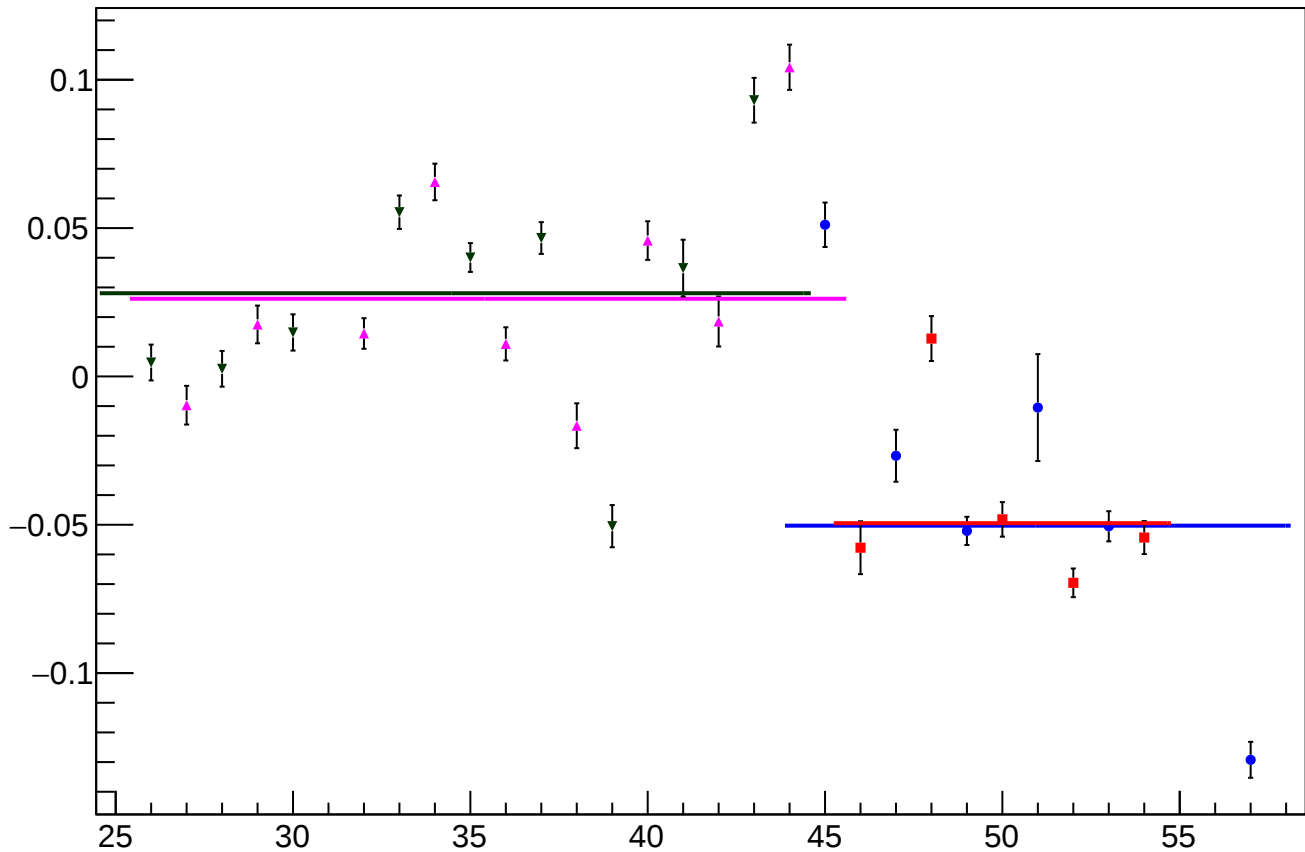
Right Out: -0.669 $\pm$ 0.014 χ^2 /NDF: 487.2/4

Left In: -0.099 $\pm$ 0.011 χ^2 /NDF:947.3/8

-0.371 $\pm$ 0.009 χ^2 /NDF: 3484.6/14

-0.302 $\pm$ 0.009 χ^2 /NDF: 2468.7/13

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.050 ± 0.003 χ^2/NDF : 365.3/5

Left Out: 0.028 ± 0.002 χ^2/NDF : 276.2/8

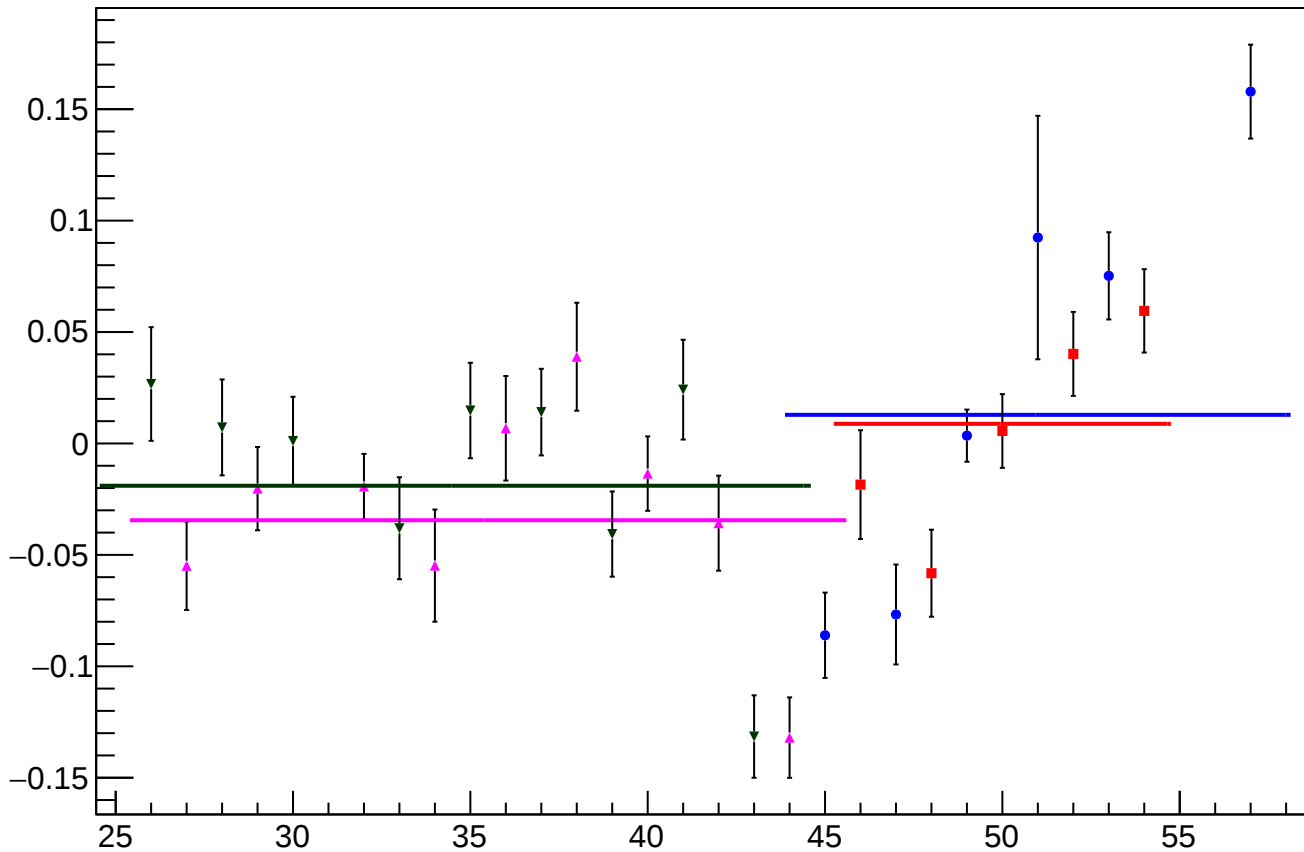
Right Out: -0.049 ± 0.003 χ^2/NDF : 86.4/4

Left In: 0.026 ± 0.002 χ^2/NDF : 232.3/8

-0.001 ± 0.002 χ^2/NDF : 1193.2/14

-0.003 ± 0.002 χ^2/NDF : 794.0/13

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.013 ± 0.008 χ^2/NDF : 103.0/5

Left Out: -0.019 ± 0.007 χ^2/NDF : 53.8/8

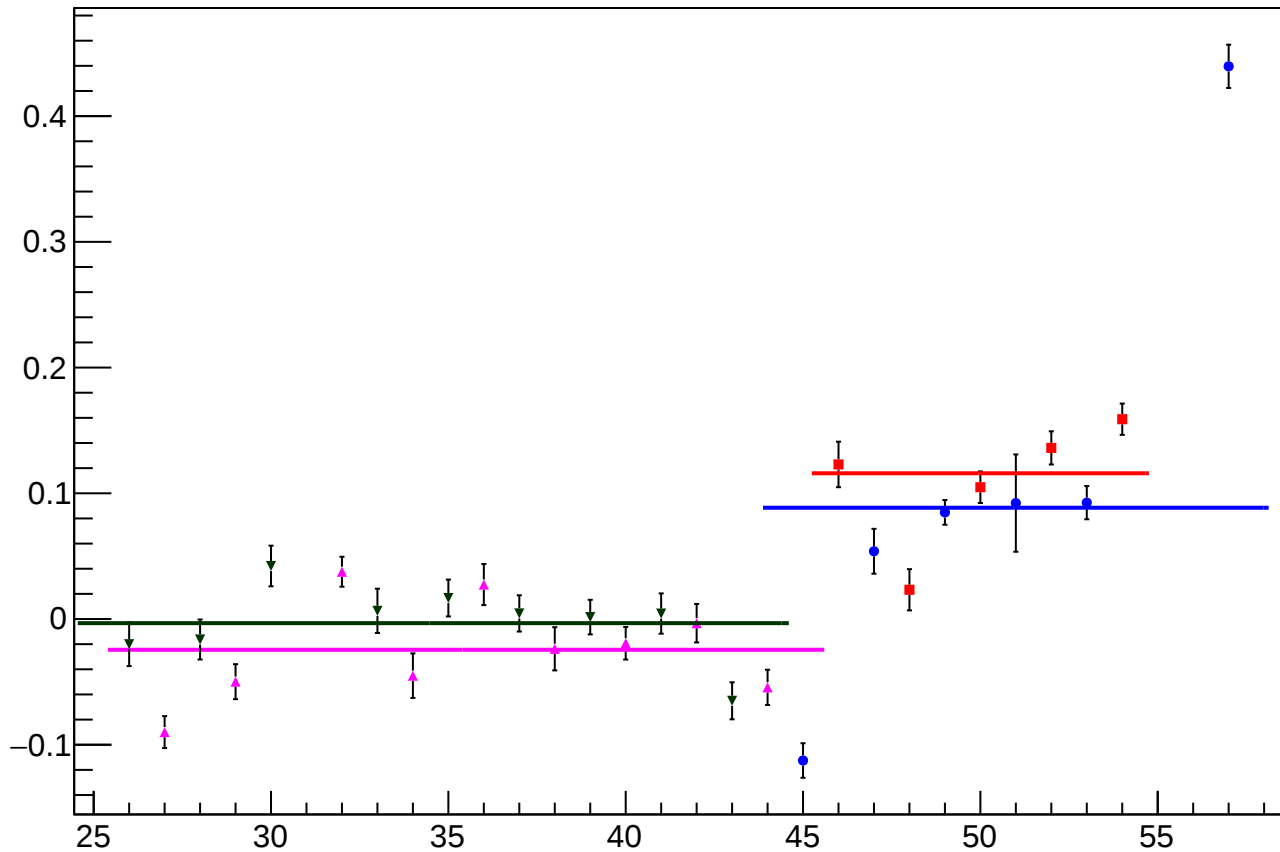
Right Out: 0.009 ± 0.009 χ^2/NDF : 23.2/4

Left In: -0.034 ± 0.006 χ^2/NDF : 46.4/8

-0.004 ± 0.005 χ^2/NDF : 166.3/14

-0.019 ± 0.005 χ^2/NDF : 85.9/13

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.089 $\pm$ 0.006 χ^2 /NDF: 633.7/5

Left Out: -0.003 $\pm$ 0.005 χ^2 /NDF: 29.9/8

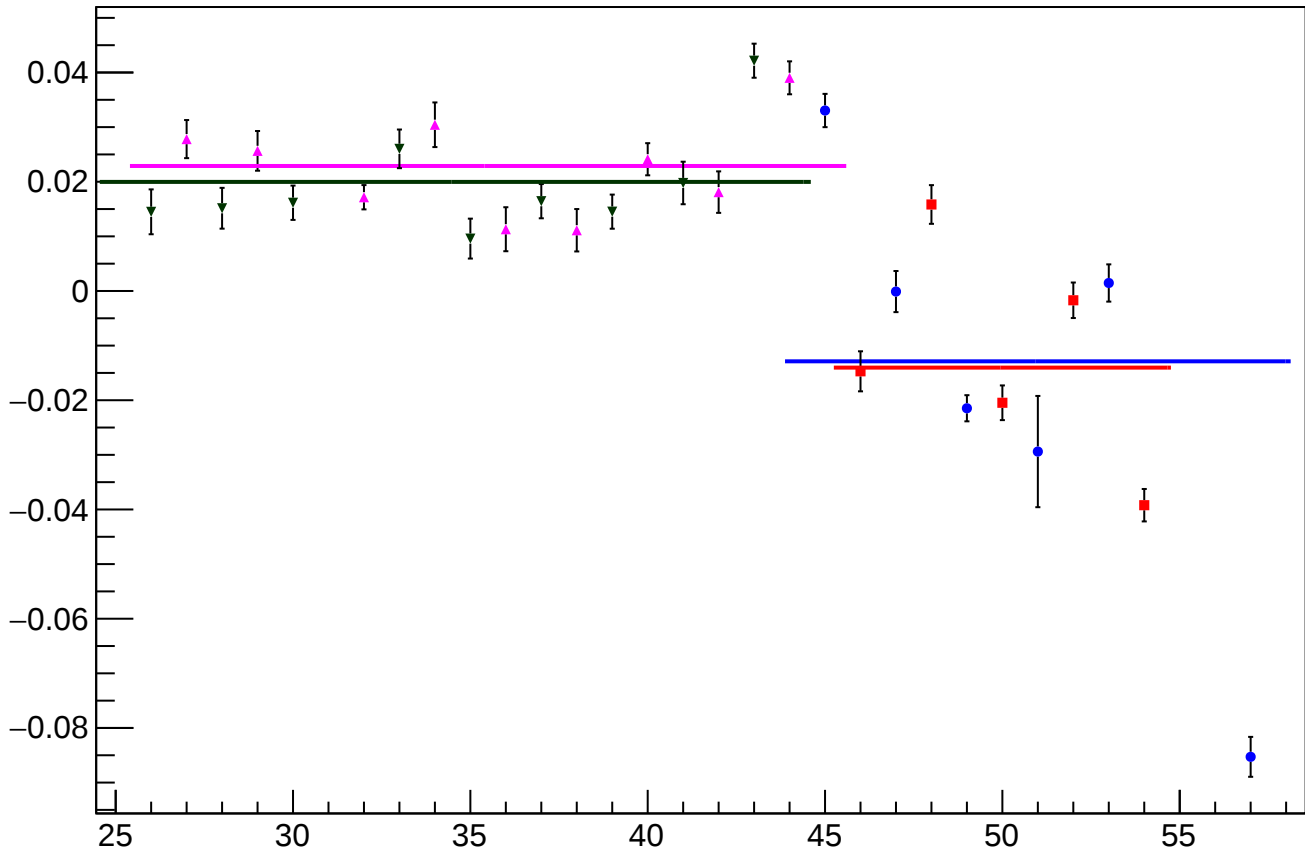
Right Out: 0.116 $\pm$ 0.006 χ^2 /NDF: 47.2/4

Left In: -0.024 $\pm$ 0.005 χ^2 /NDF: 75.1/8

0.036 $\pm$ 0.004 χ^2 /NDF: 800.5/14

0.027 $\pm$ 0.004 χ^2 /NDF: 439.1/13

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.013 ± 0.001 χ^2/NDF : 664.6/5

Left Out: 0.020 ± 0.001 χ^2/NDF : 70.9/8

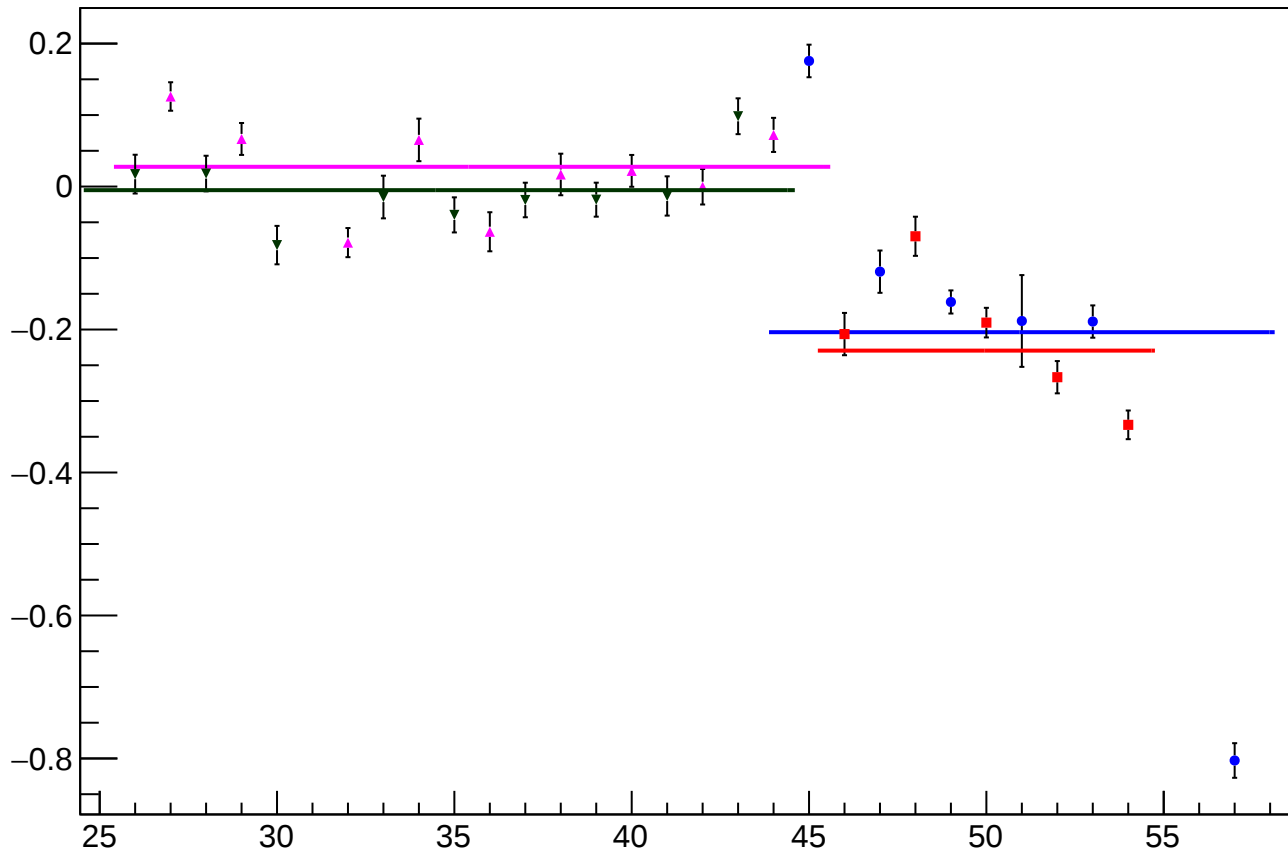
Right Out: -0.014 ± 0.001 χ^2/NDF : 161.6/4

Left In: 0.023 ± 0.001 χ^2/NDF : 60.5/8

0.007 ± 0.001 χ^2/NDF : 1069.9/14

0.010 ± 0.001 χ^2/NDF : 628.3/13

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.204 $\pm$ 0.010 χ^2 /NDF: 905.3/5

Left Out: -0.005 $\pm$ 0.009 χ^2 /NDF:29.5/8

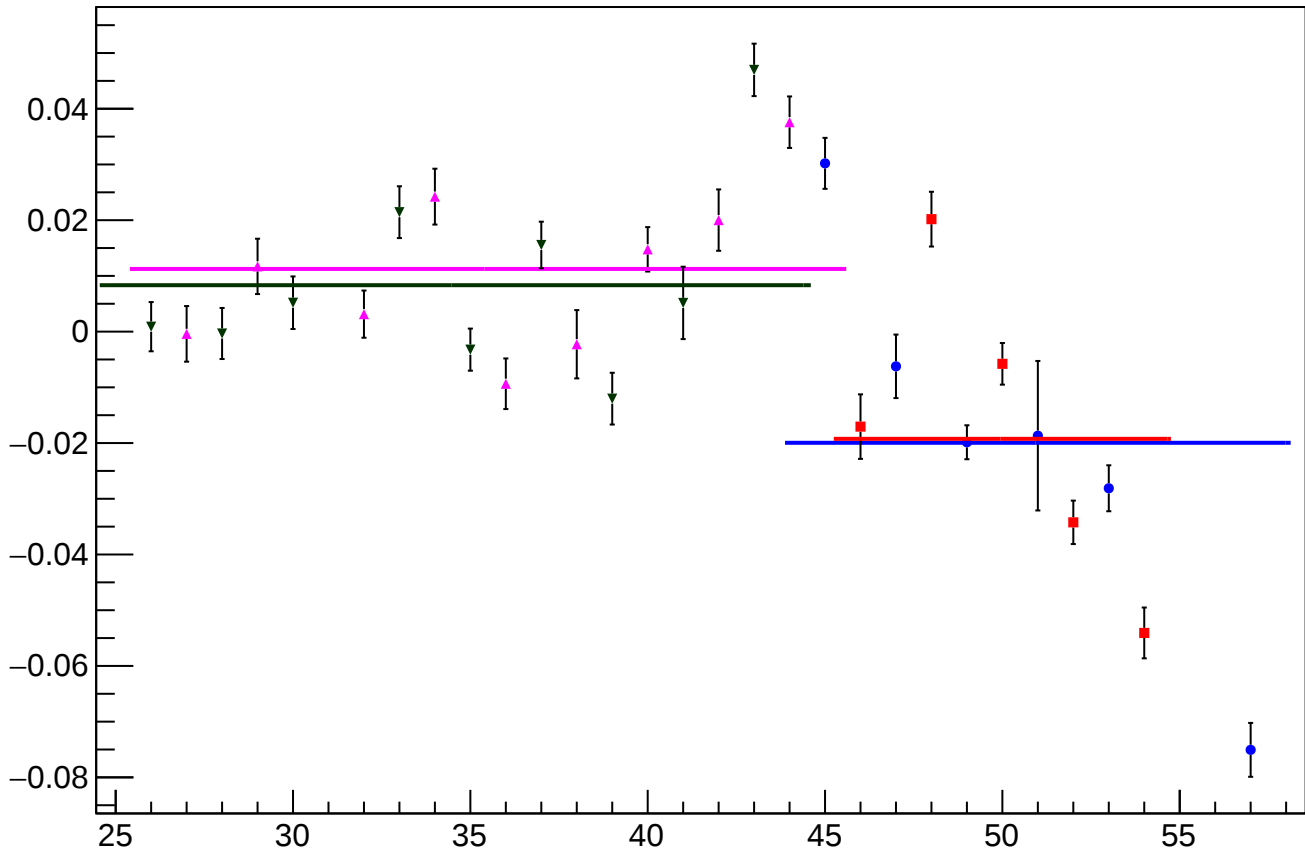
Right Out: -0.229 $\pm$ 0.010 χ^2 /NDF: 67.8/4

Left In: 0.028 $\pm$ 0.008 χ^2 /NDF:72.1/8

-0.093 $\pm$ 0.006 χ^2 /NDF: 1171.9/14

-0.067 $\pm$ 0.006 χ^2 /NDF: 527.4/13

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.020 $\pm$ 0.002 χ^2 /NDF: 259.8/5

Left Out: 0.008 $\pm$ 0.002 χ^2 /NDF:114.0/8

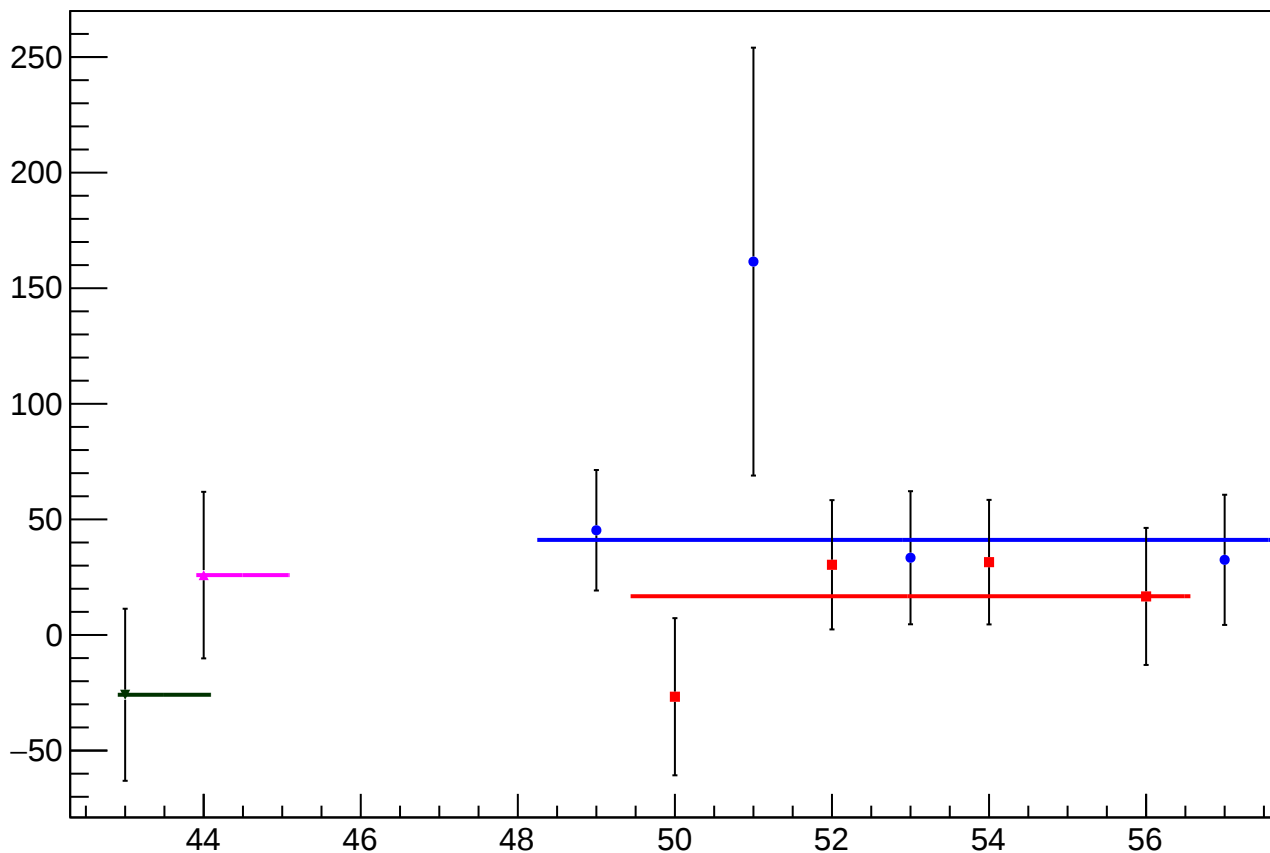
Right Out: -0.019 $\pm$ 0.002 χ^2 /NDF: 150.6/4

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:77.1/8

-0.003 $\pm$ 0.001 χ^2 /NDF: 513.7/14

-0.001 $\pm$ 0.001 χ^2 /NDF: 372.1/13

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 41.130 $\pm$ 15.701 χ^2 /NDF: 1.9/3

Left Out: -25.864 $\pm$ 37.215 χ^2 /NDF: 0.0/0

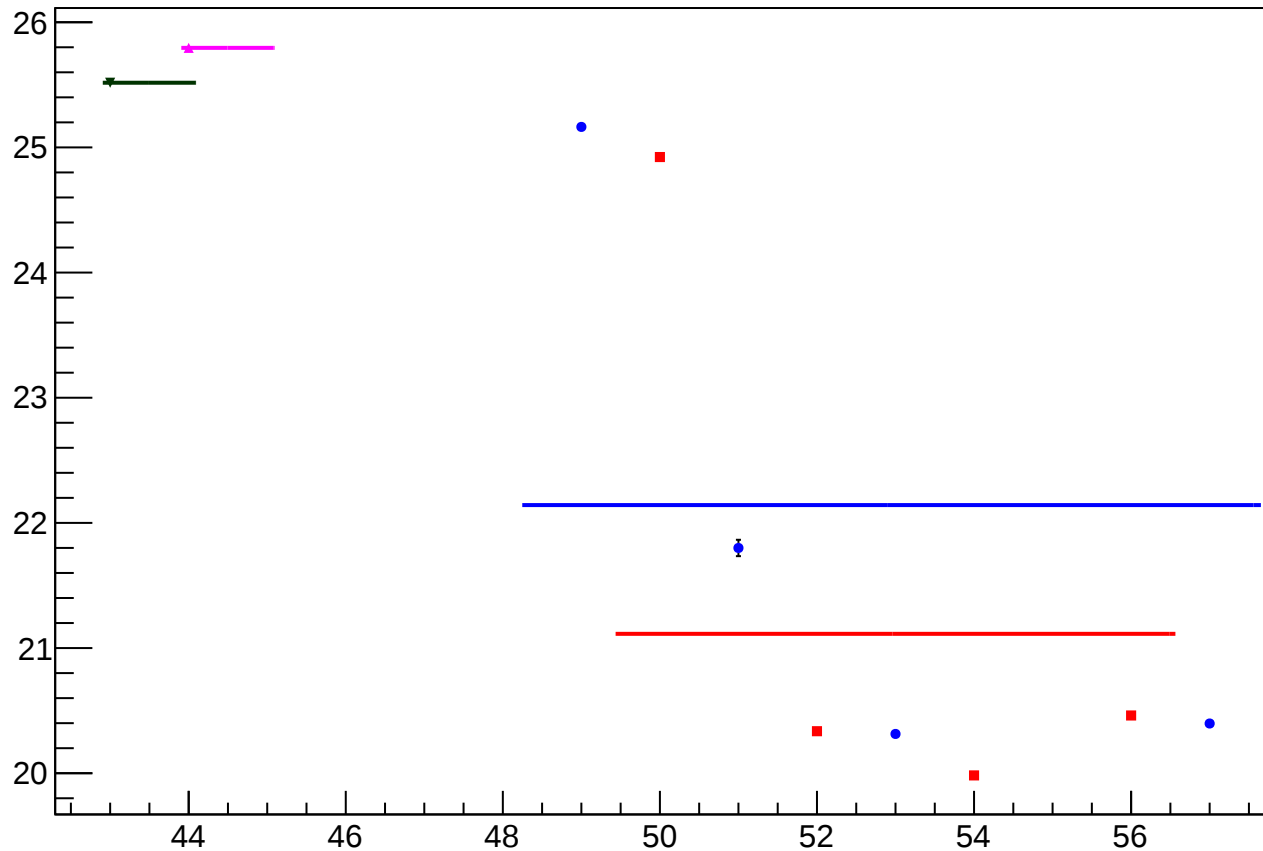
Right Out: 16.761 $\pm$ 14.648 χ^2 /NDF: 2.2/3

Left In: 25.900 $\pm$ 36.022 χ^2 /NDF: 0.0/0

31.007 $\pm$ 14.466 χ^2 /NDF: 4.6/4

18.058 $\pm$ 13.569 χ^2 /NDF: 2.2/4

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 22.142 ± 0.011 χ^2/NDF : 42653.1/3

Left Out: 25.517 ± 0.026 χ^2/NDF : 0.0/0

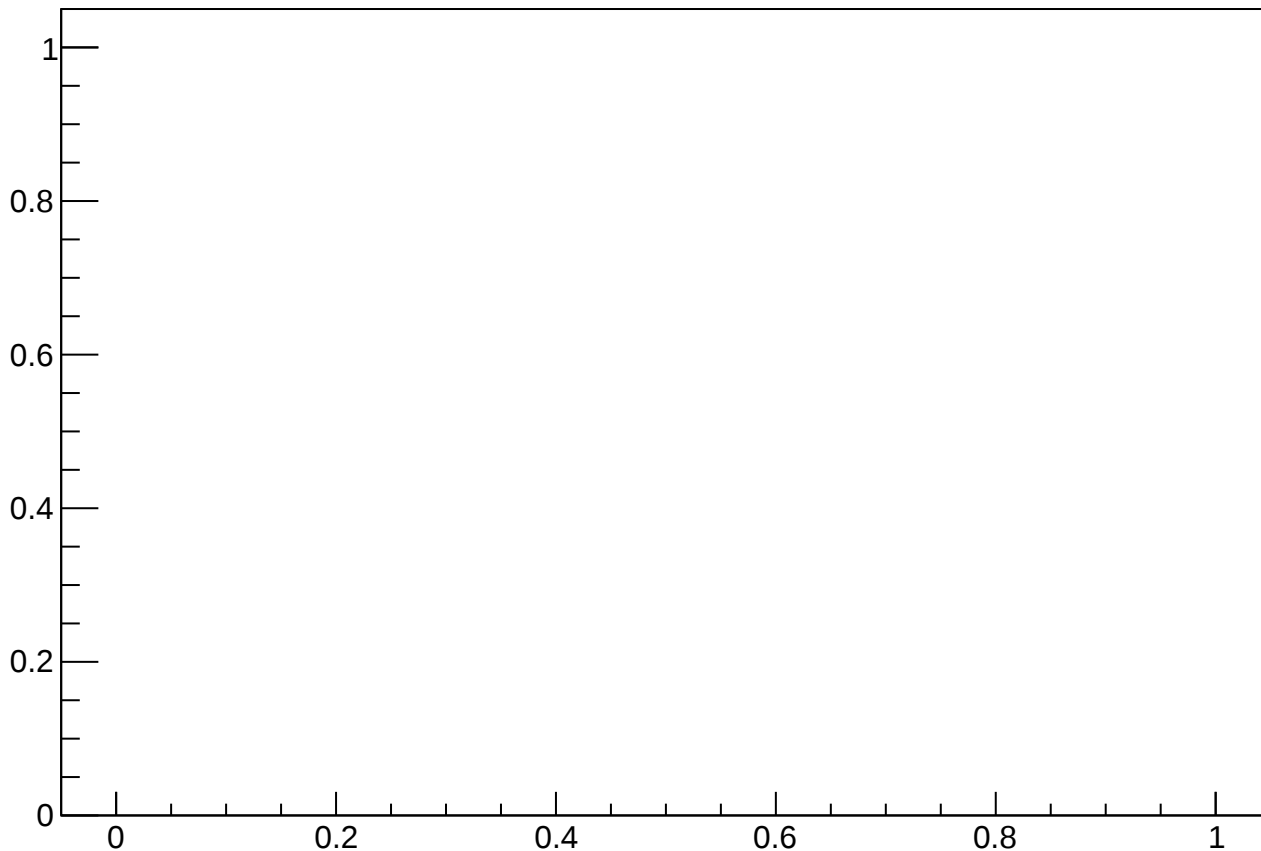
Right Out: 21.114 ± 0.010 χ^2/NDF : 31158.0/3

Left In: 25.795 ± 0.025 χ^2/NDF : 0.0/0

22.652 ± 0.010 χ^2/NDF : 56611.2/4

21.778 ± 0.010 χ^2/NDF : 60146.5/4

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

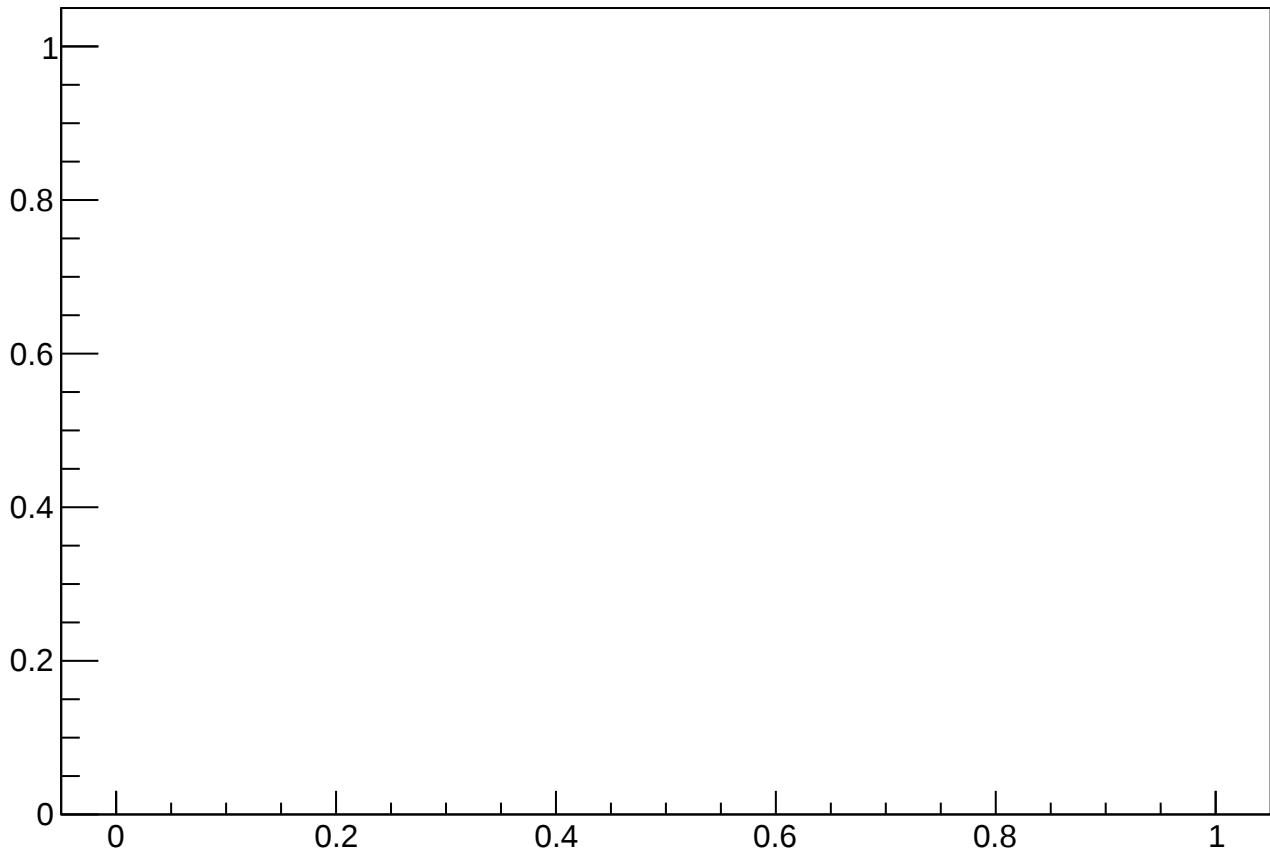
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

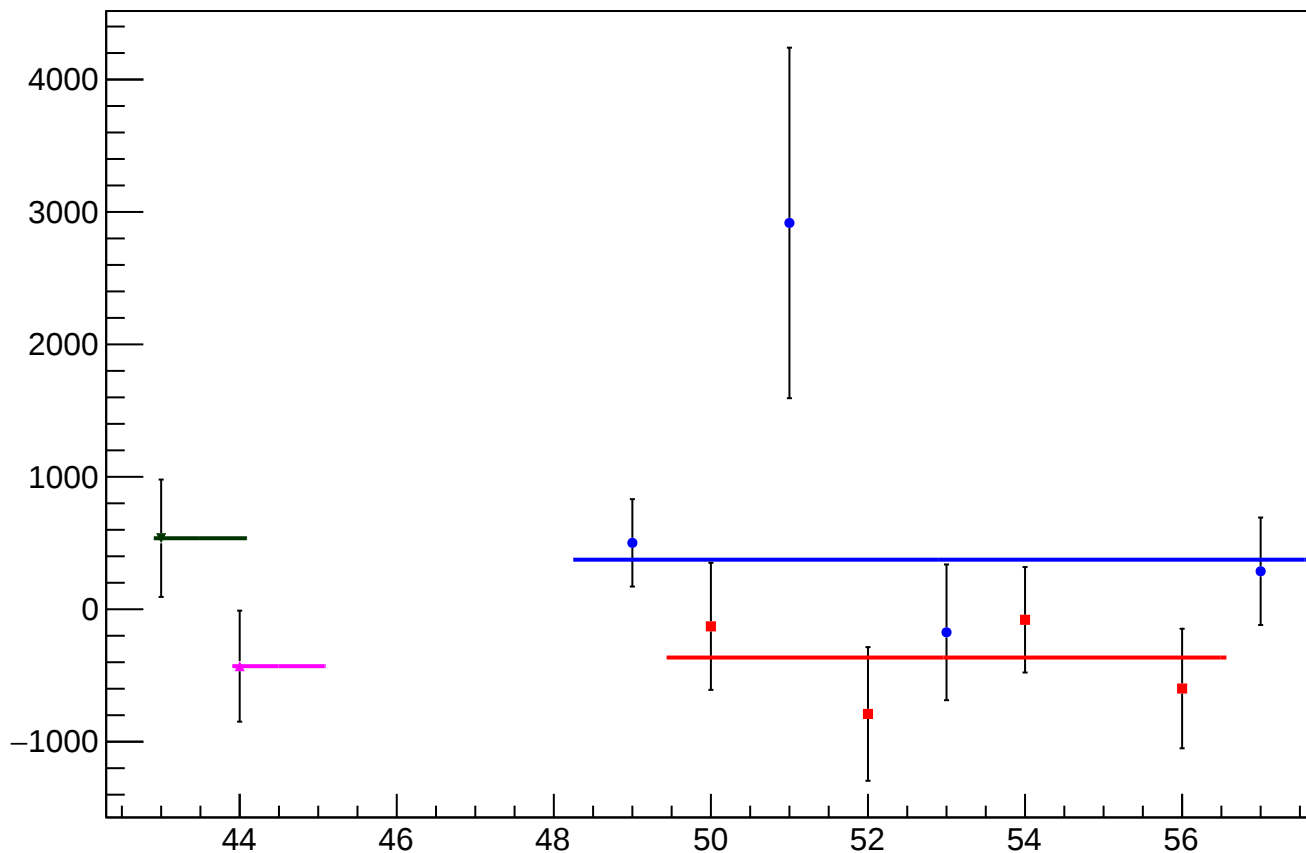
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_us_agg_avg_mean vs slug



Right In: 374.322 ± 225.669 $\chi^2/\text{NDF}: 5.0/3$

Left Out: 536.234 ± 443.159 $\chi^2/\text{NDF}: 0.0/0$

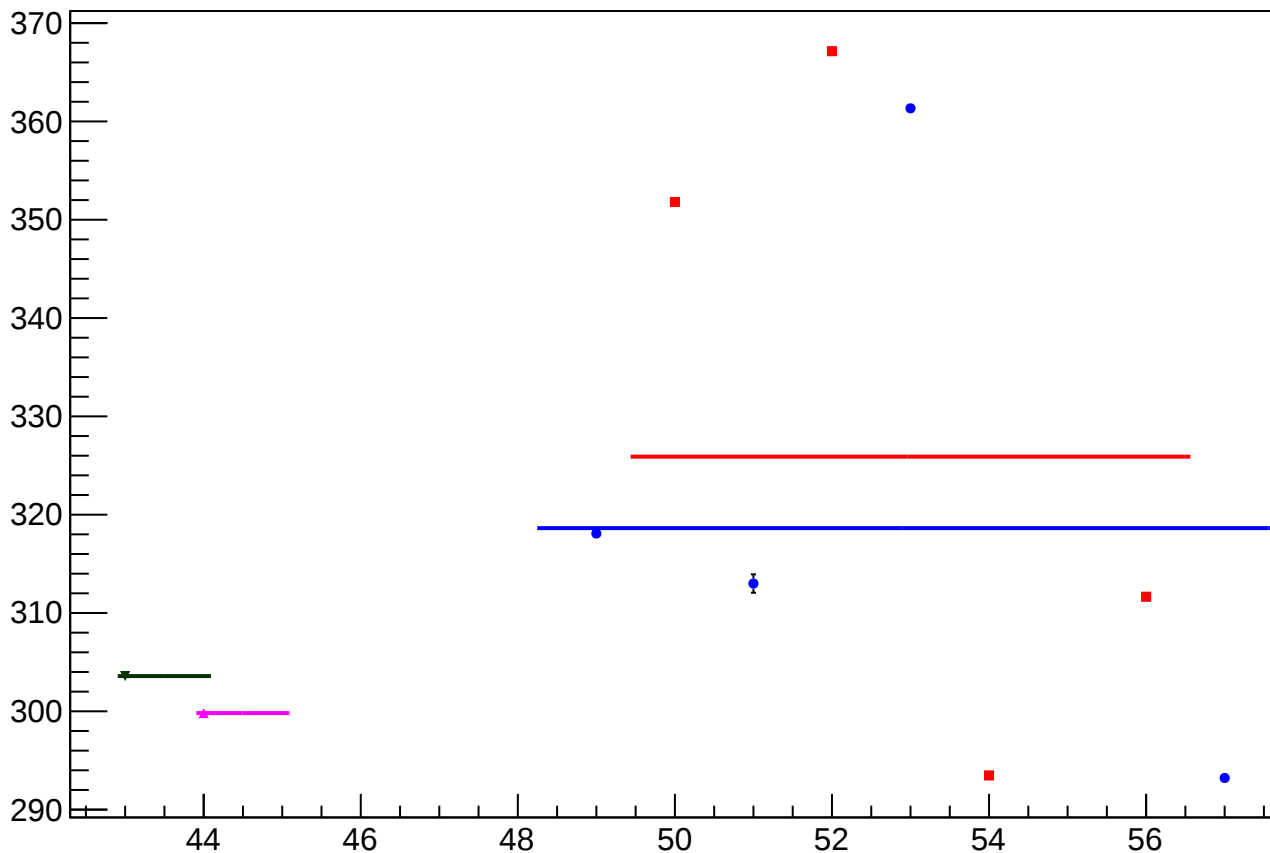
Right Out: -364.480 ± 226.514 $\chi^2/\text{NDF}: 1.7/3$

Left In: -429.667 ± 419.215 $\chi^2/\text{NDF}: 0.0/0$

407.663 ± 201.097 $\chi^2/\text{NDF}: 5.1/4$

-379.211 ± 199.283 $\chi^2/\text{NDF}: 1.8/4$

asym_us_agg_avg_rms vs slug



Right In: 318.632+/-0.160 χ^2/NDF : 21772.1/3

Left Out: 303.582+/-0.313 χ^2/NDF : 0.0/0

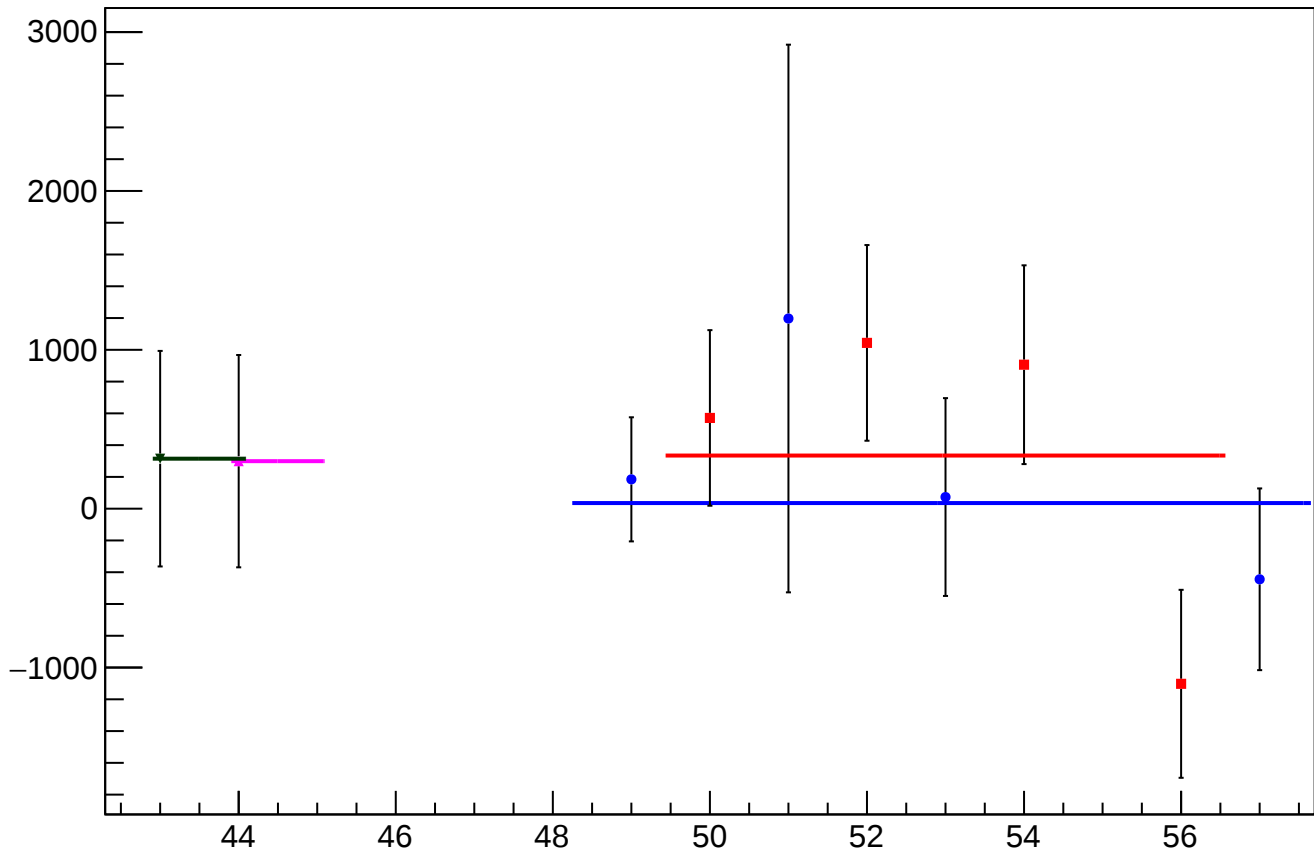
Right Out: 325.901+/-0.160 χ^2/NDF : 34445.0/3

Left In: 299.820+/-0.296 χ^2/NDF : 0.0/0

315.533+/-0.142 χ^2/NDF : 23603.8/4

320.007+/-0.141 χ^2/NDF : 40437.1/4

asym_us_agg_dd_mean vs slug



Right In: 35.380 ± 282.532 χ^2/NDF : 1.3/3

Left Out: 314.697 ± 678.402 χ^2/NDF : 0.0/0

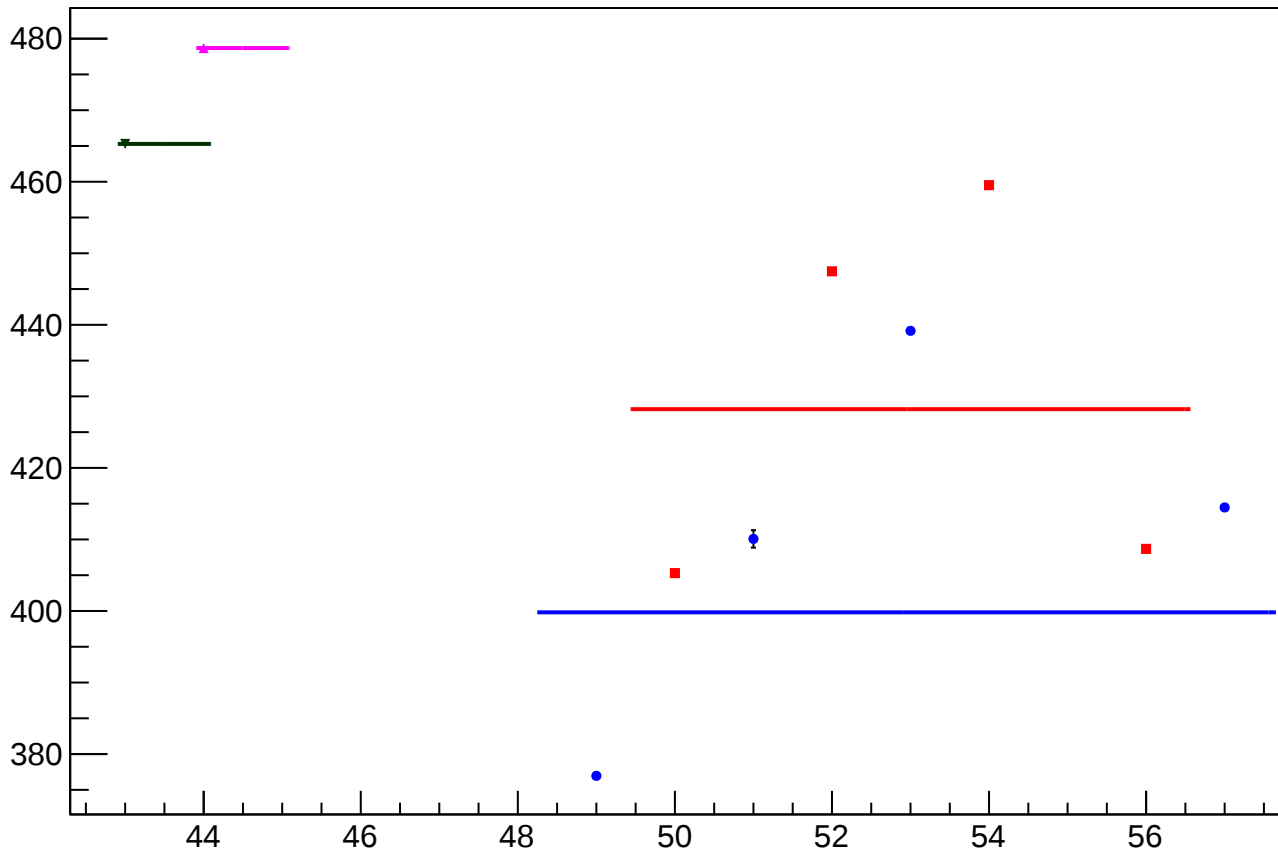
Right Out: 334.461 ± 297.197 χ^2/NDF : 8.2/3

Left In: 299.068 ± 668.301 χ^2/NDF : 0.0/0

76.665 ± 260.817 χ^2/NDF : 1.5/4

328.617 ± 271.555 χ^2/NDF : 8.2/4

asym_us_agg_dd_rms vs slug



Right In: 399.813 ± 0.200 $\chi^2/\text{NDF}: 16218.8/3$

Left Out: 465.287 ± 0.480 $\chi^2/\text{NDF}: 0.0/0$

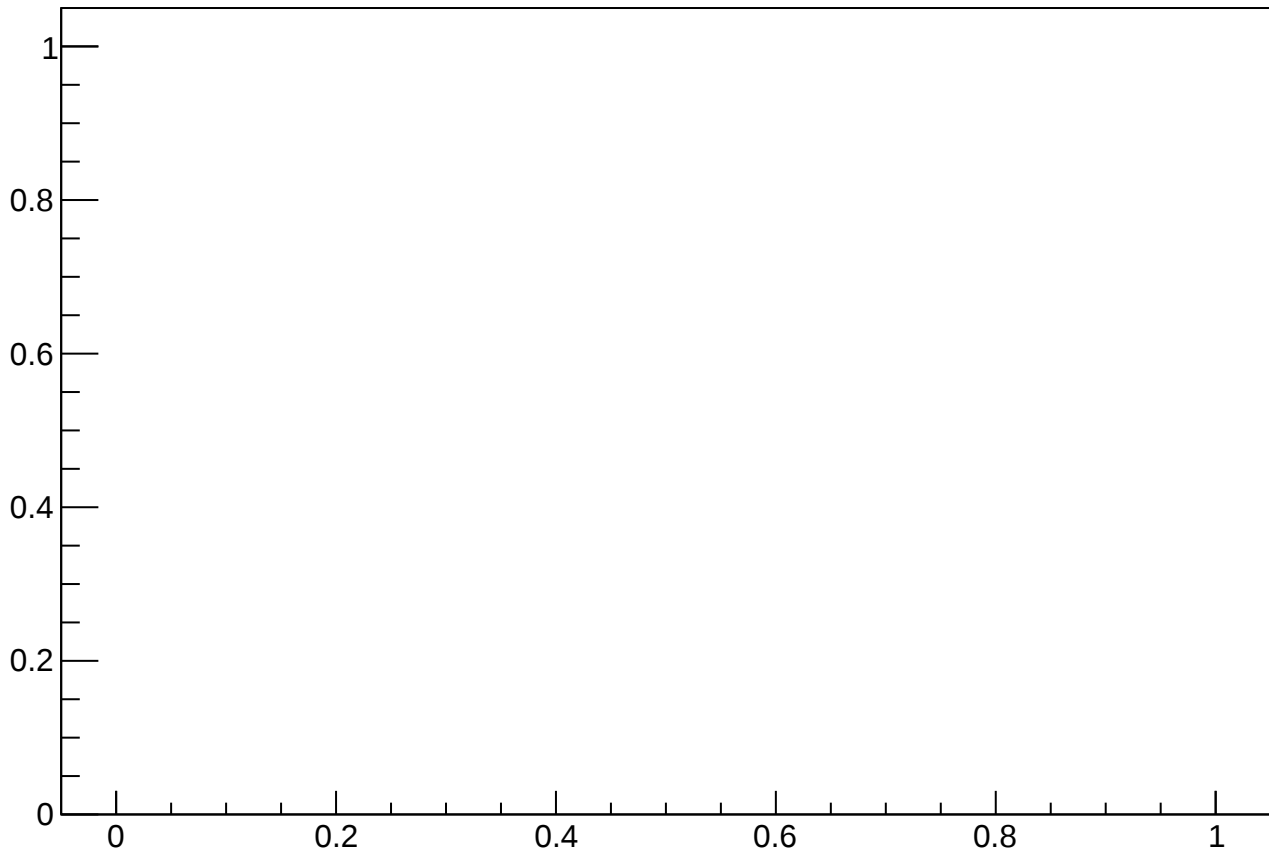
Right Out: 428.210 ± 0.210 $\chi^2/\text{NDF}: 12586.1/3$

Left In: 478.688 ± 0.473 $\chi^2/\text{NDF}: 0.0/0$

409.490 ± 0.184 $\chi^2/\text{NDF}: 32094.6/4$

436.545 ± 0.192 $\chi^2/\text{NDF}: 22112.1/4$

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

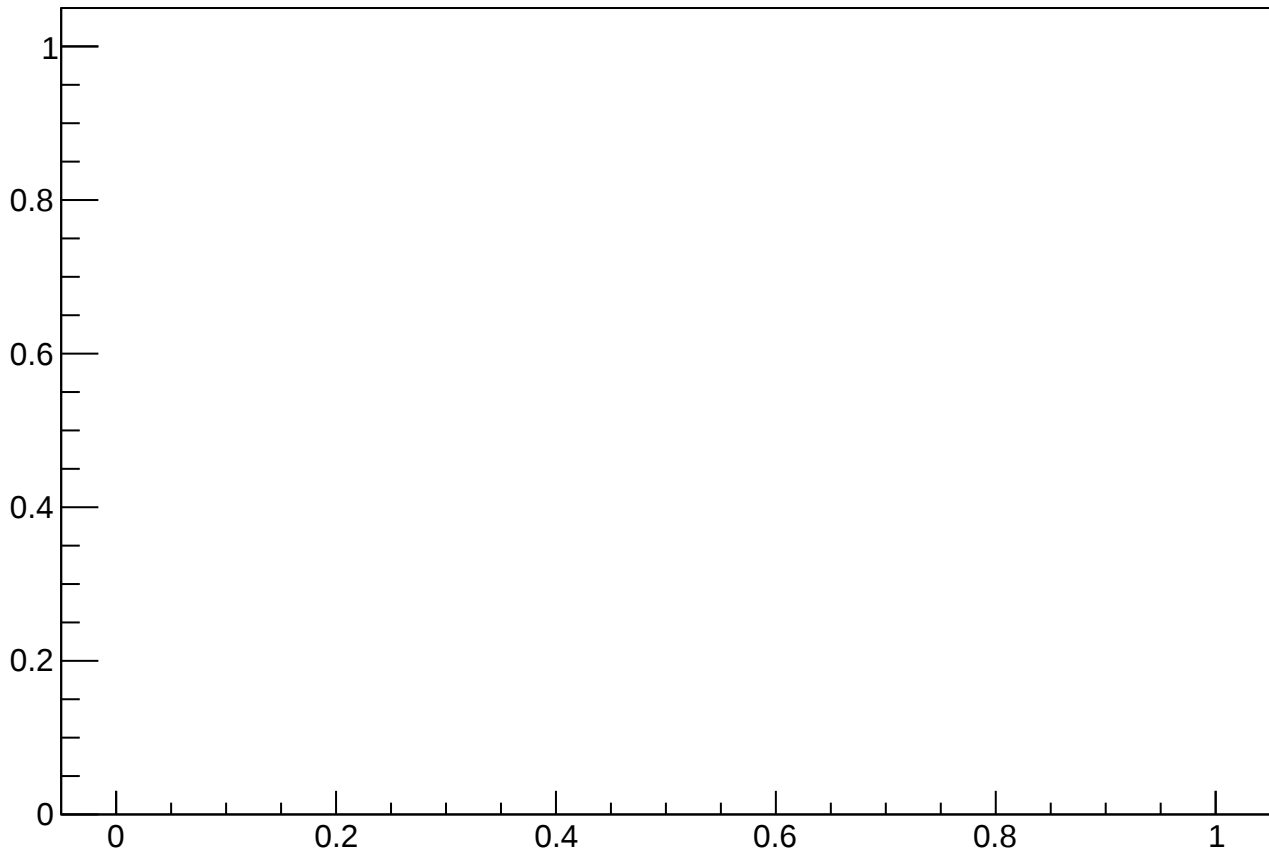
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

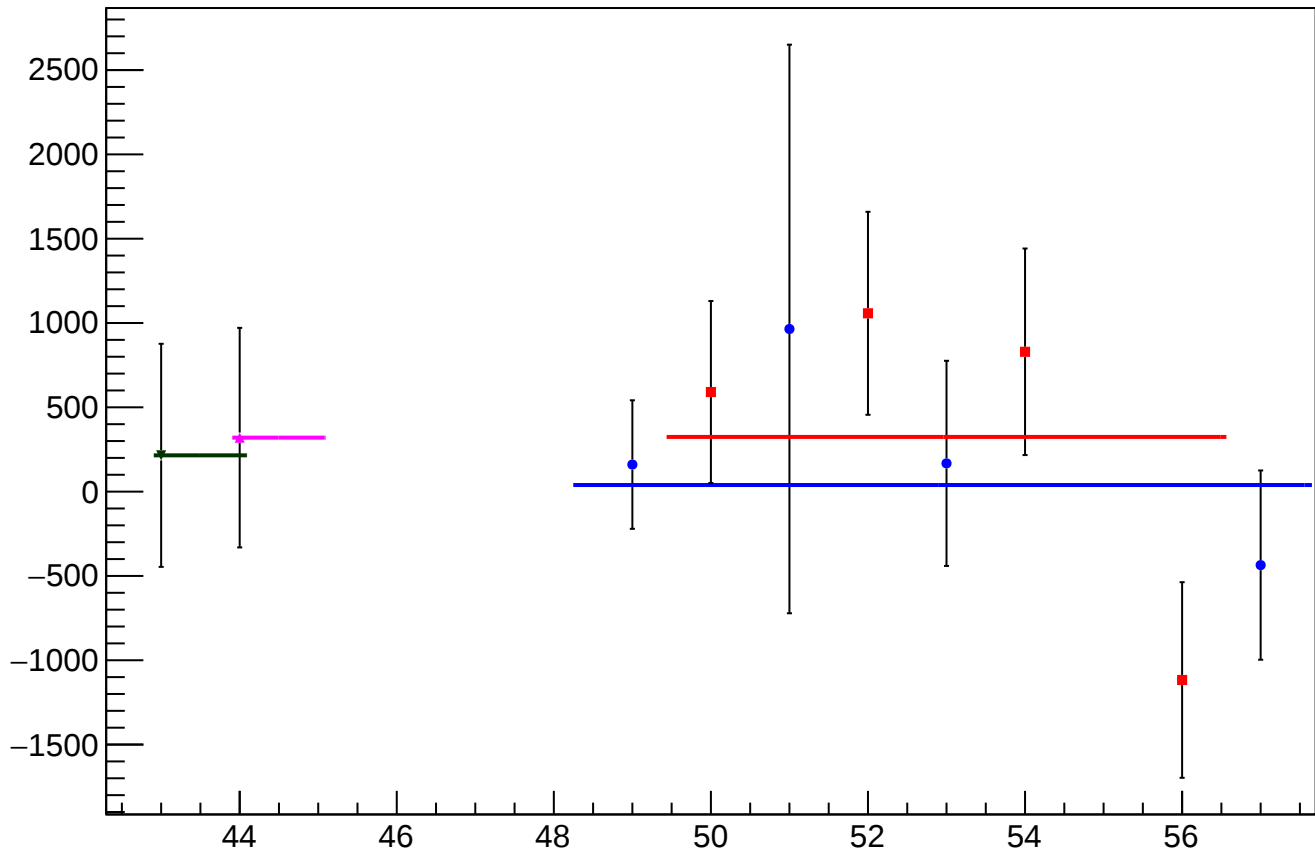
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 39.192+/-276.158 χ^2/NDF : 1.2/3

Left Out: 215.223+/-661.440 χ^2/NDF : 0.0/0

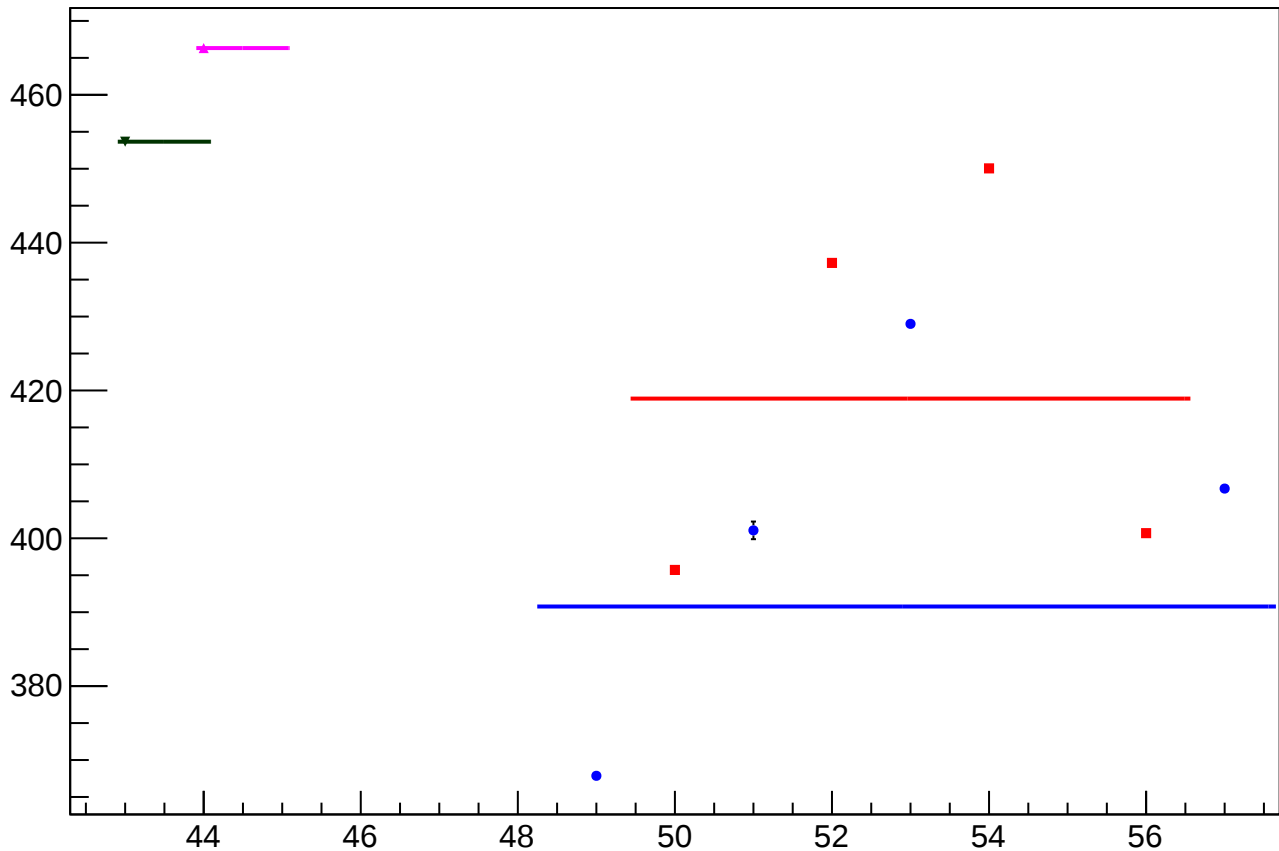
Right Out: 324.414+/-290.712 χ^2/NDF : 8.6/3

Left In: 320.160+/-651.039 χ^2/NDF : 0.0/0

65.322+/-254.838 χ^2/NDF : 1.2/4

323.707+/-265.449 χ^2/NDF : 8.6/4

asym_ds_agg_dd_rms vs slug



Right In: 390.770 $\pm$ 0.195 χ^2 /NDF: 16819.4/3

Left Out: 453.660 $\pm$ 0.468 χ^2 /NDF: 0.0/0

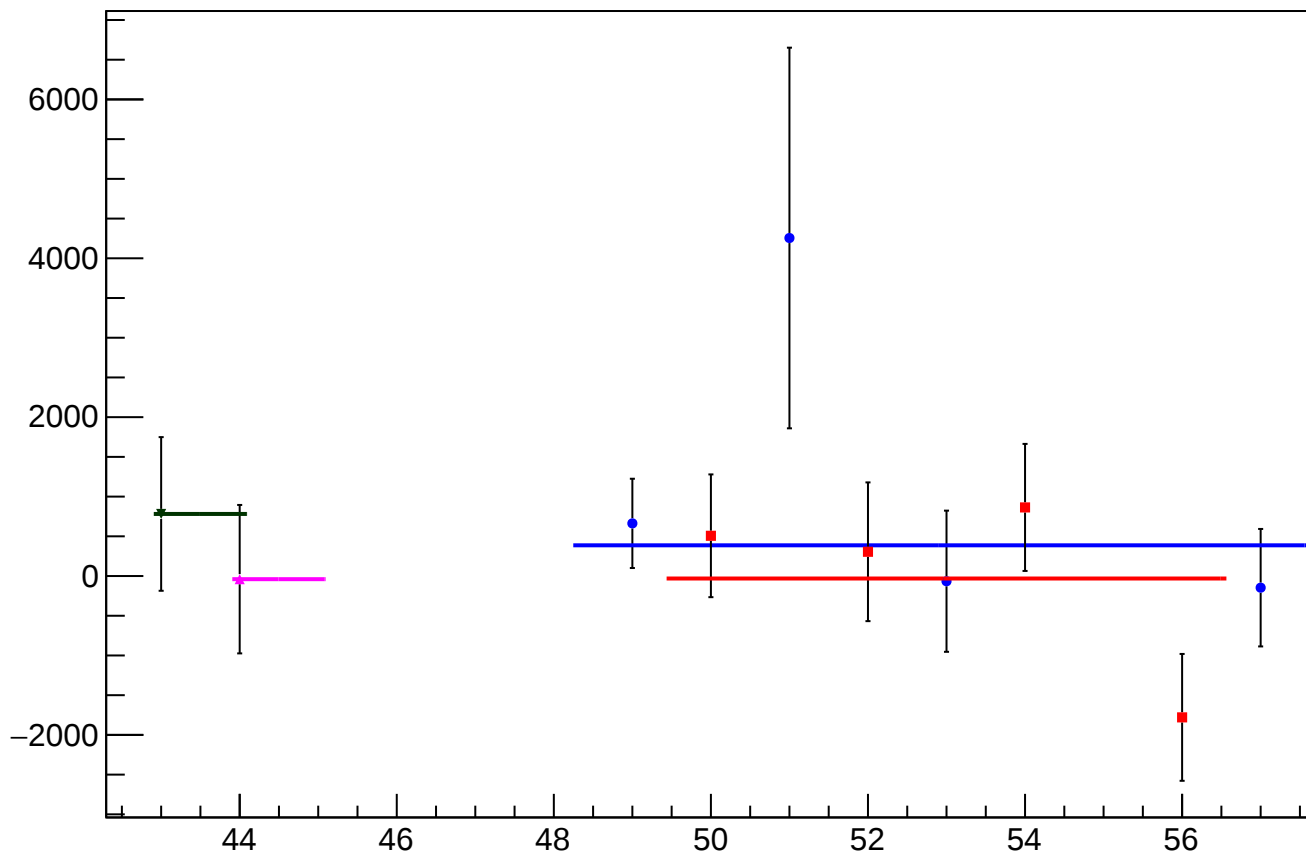
Right Out: 418.902 $\pm$ 0.206 χ^2 /NDF: 12694.6/3

Left In: 466.327 $\pm$ 0.460 χ^2 /NDF: 0.0/0

400.105 $\pm$ 0.180 χ^2 /NDF: 32216.1/4

426.786 $\pm$ 0.188 χ^2 /NDF: 21543.1/4

asym_left_agg_avg_mean vs slug



Right In: 386.755+/-394.170 χ^2/NDF : 3.6/3

Left Out: 781.614+/-967.286 χ^2/NDF : 0.0/0

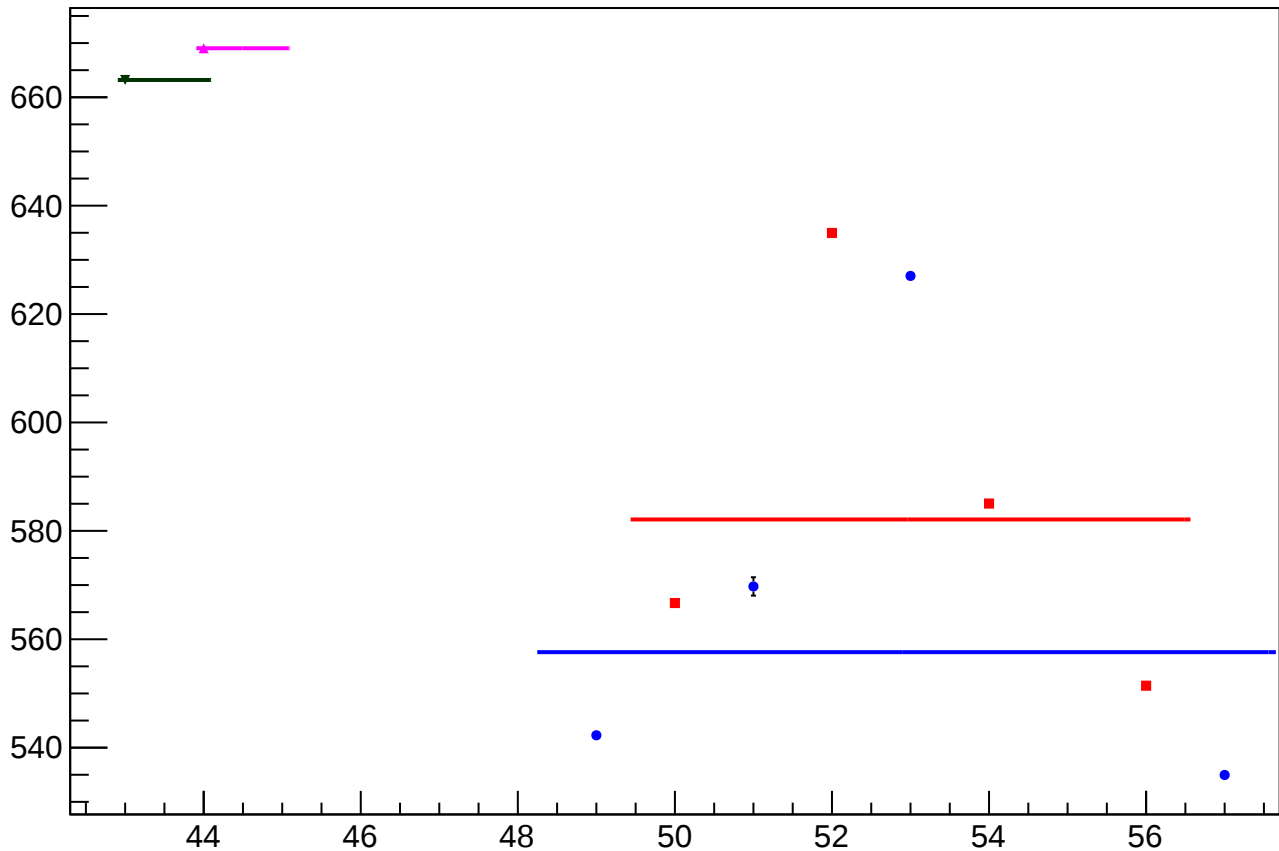
Right Out: -31.198+/-404.272 χ^2/NDF : 6.7/3

Left In: -39.508+/-934.410 χ^2/NDF : 0.0/0

442.987+/-365.026 χ^2/NDF : 3.8/4

-32.508+/-371.034 χ^2/NDF : 6.7/4

asym_left_agg_avg_rms vs slug



Right In: 557.620 ± 0.279 χ^2/NDF : 15621.6/3

Left Out: 663.190 ± 0.684 χ^2/NDF : 0.0/0

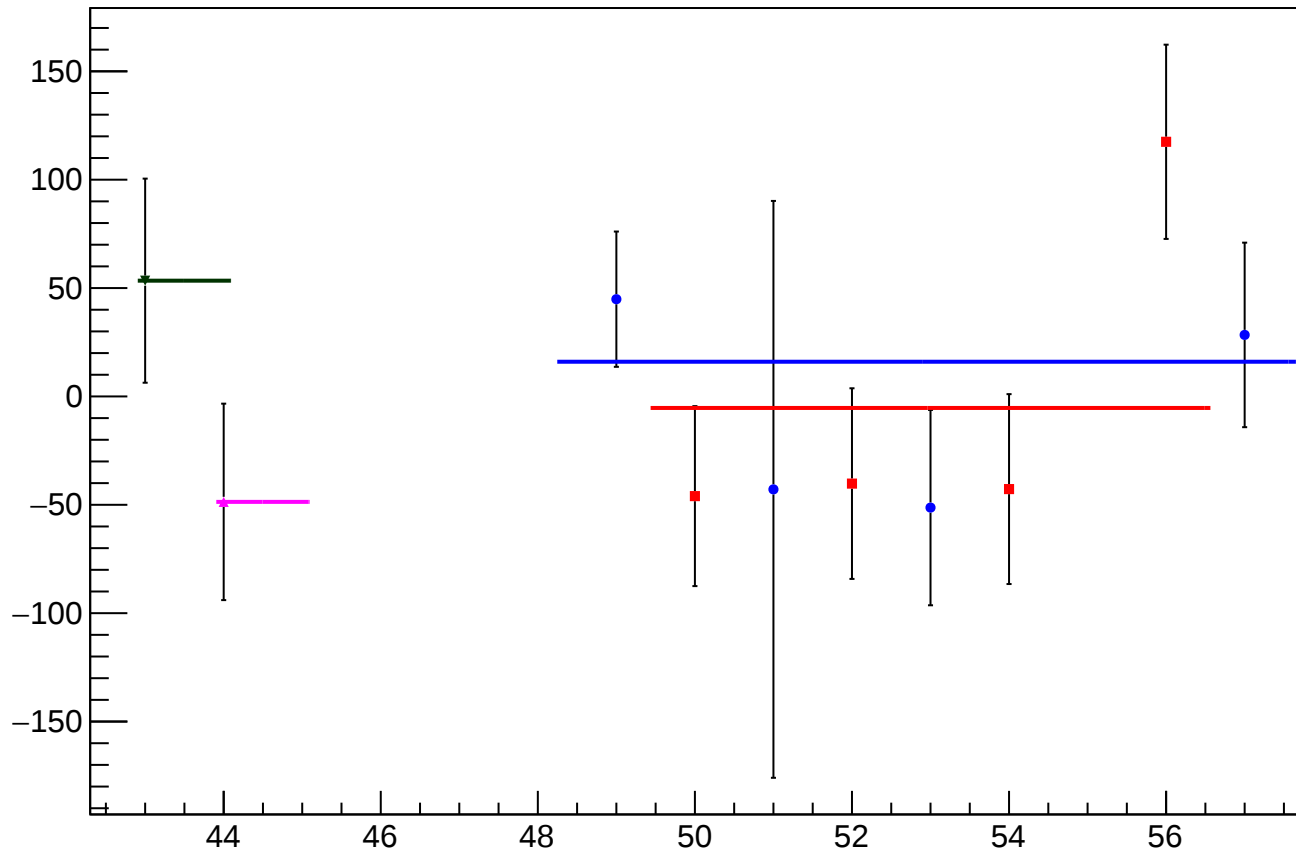
Right Out: 582.101 ± 0.286 χ^2/NDF : 11102.4/3

Left In: 669.043 ± 0.661 χ^2/NDF : 0.0/0

572.654 ± 0.258 χ^2/NDF : 36052.1/4

595.809 ± 0.262 χ^2/NDF : 25687.1/4

asym_left_agg_dd_mean vs slug



Right In: 16.010 $\pm$ 21.682 χ^2/NDF : 3.4/3

Left Out: 53.407 $\pm$ 47.084 χ^2/NDF :0.0/0

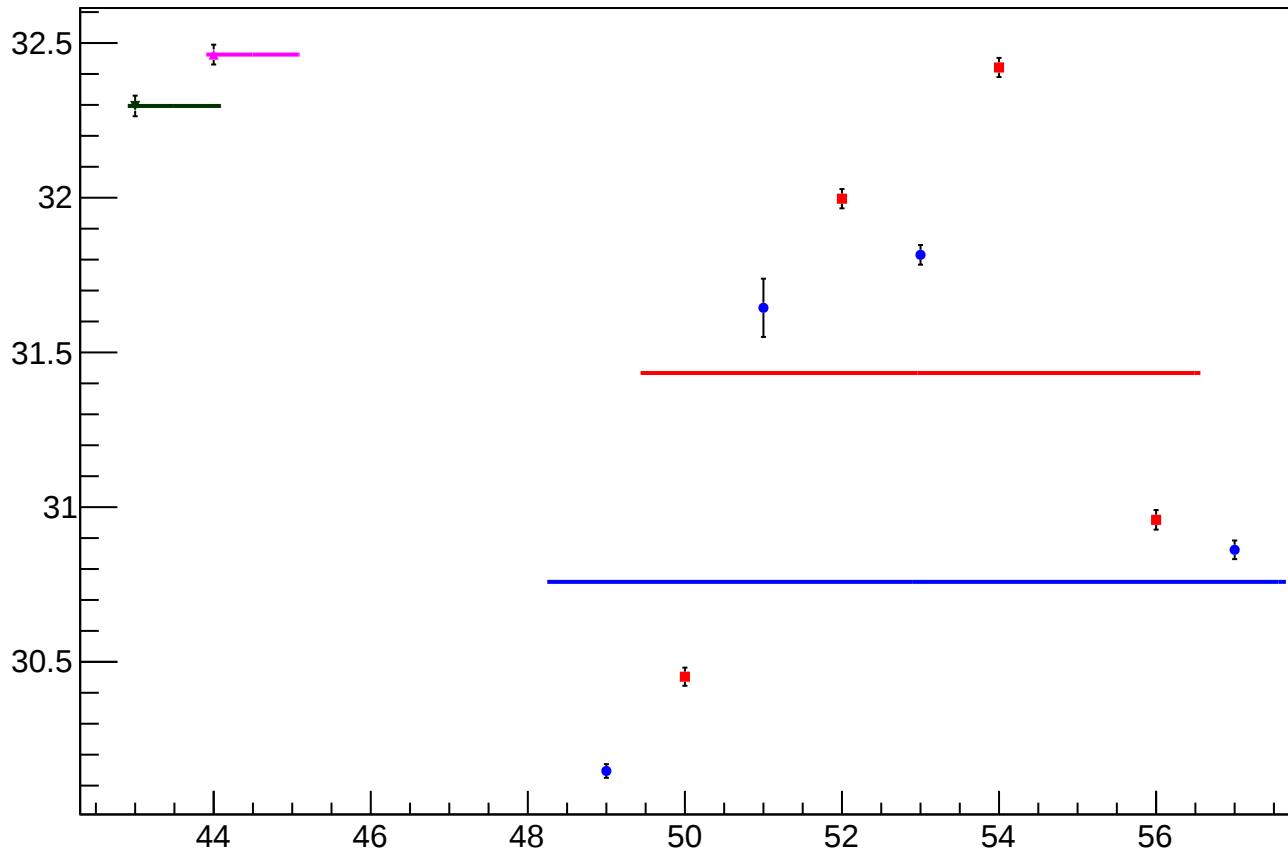
Right Out: -5.316 $\pm$ 21.737 χ^2/NDF : 9.8/3

Left In: -48.651 $\pm$ 45.318 χ^2/NDF :0.0/0

22.553 $\pm$ 19.694 χ^2/NDF : 3.9/4

-13.421 $\pm$ 19.599 χ^2/NDF : 10.6/4

asym_left_agg_dd_rms vs slug



Right In: 30.758 $\pm$ 0.015 χ^2 /NDF: 1967.4/3

Left Out: 32.297 $\pm$ 0.033 χ^2 /NDF: 0.0/0

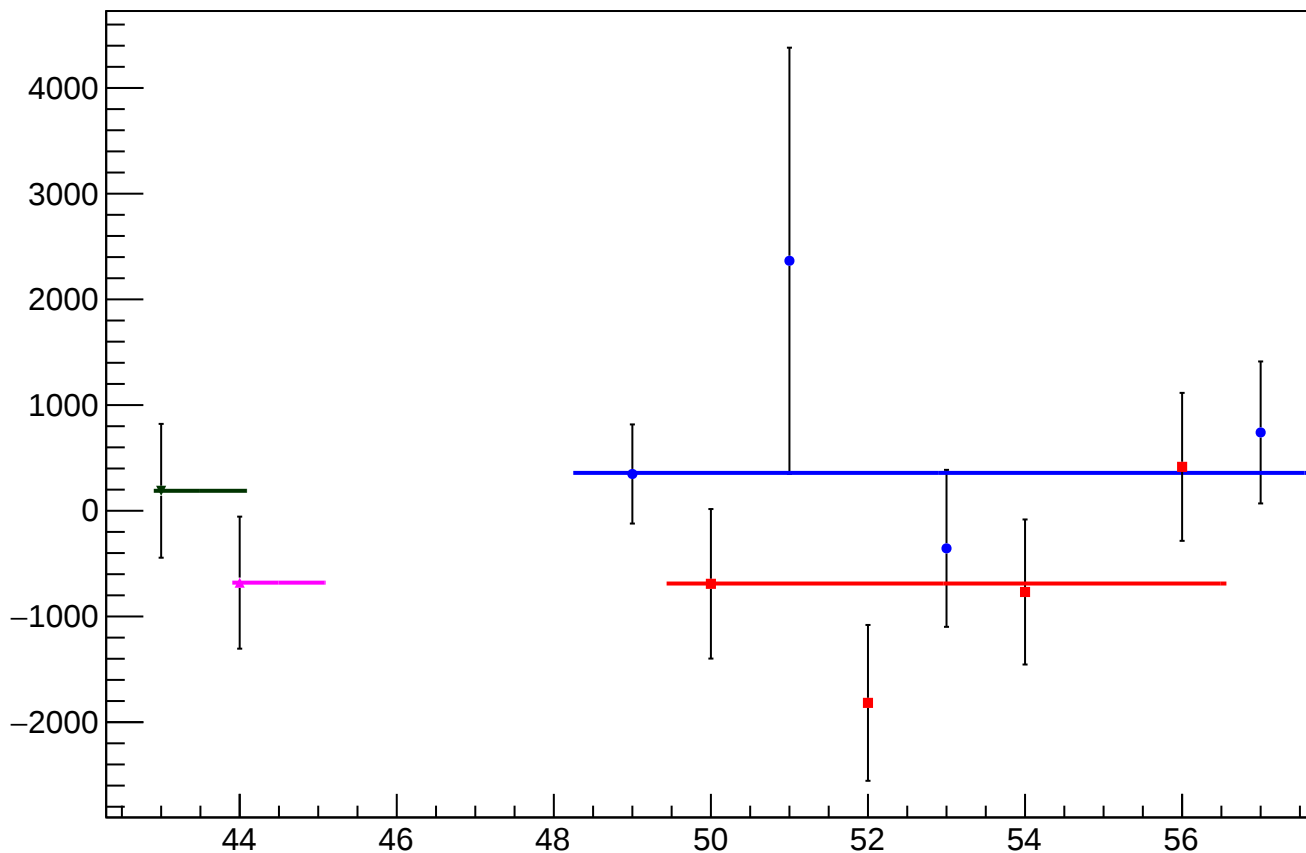
Right Out: 31.434 $\pm$ 0.015 χ^2 /NDF: 2686.8/3

Left In: 32.463 $\pm$ 0.032 χ^2 /NDF: 0.0/0

31.028 $\pm$ 0.014 χ^2 /NDF: 3728.3/4

31.626 $\pm$ 0.014 χ^2 /NDF: 3525.3/4

asym_right_agg_avg_mean vs slug



Right In: 358.434 $\pm$ 336.635 χ^2 /NDF: 2.2/3

Left Out: 188.983 $\pm$ 633.036 χ^2 /NDF: 0.0/0

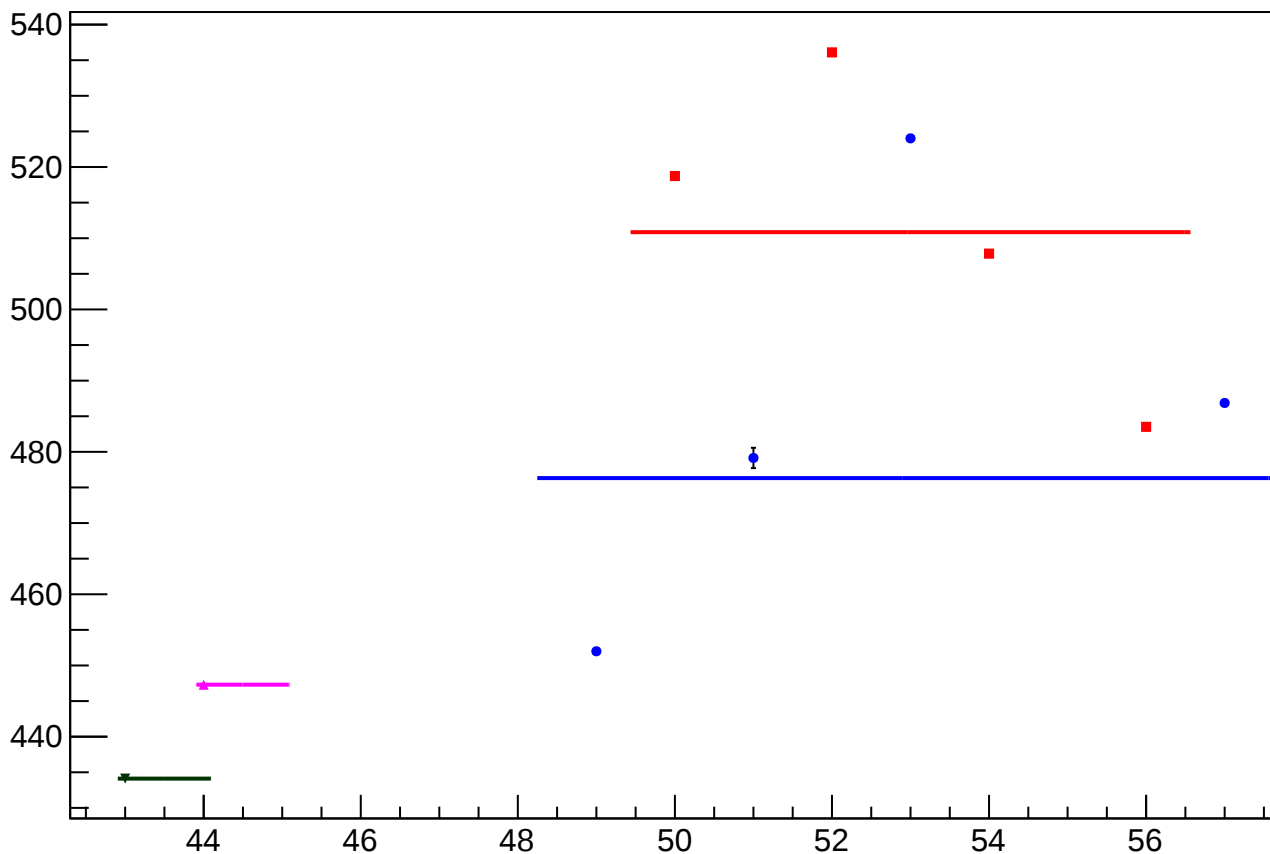
Right Out: -688.279 $\pm$ 353.465 χ^2 /NDF: 4.8/3

Left In: -680.012 $\pm$ 624.573 χ^2 /NDF: 0.0/0

321.079 $\pm$ 297.223 χ^2 /NDF: 2.3/4

-686.274 $\pm$ 307.619 χ^2 /NDF: 4.8/4

asym_right_agg_avg_rms vs slug



Right In: 476.315 $\pm$ 0.238 χ^2 /NDF: 14134.2/3

Left Out: 434.112 $\pm$ 0.448 χ^2 /NDF:0.0/0

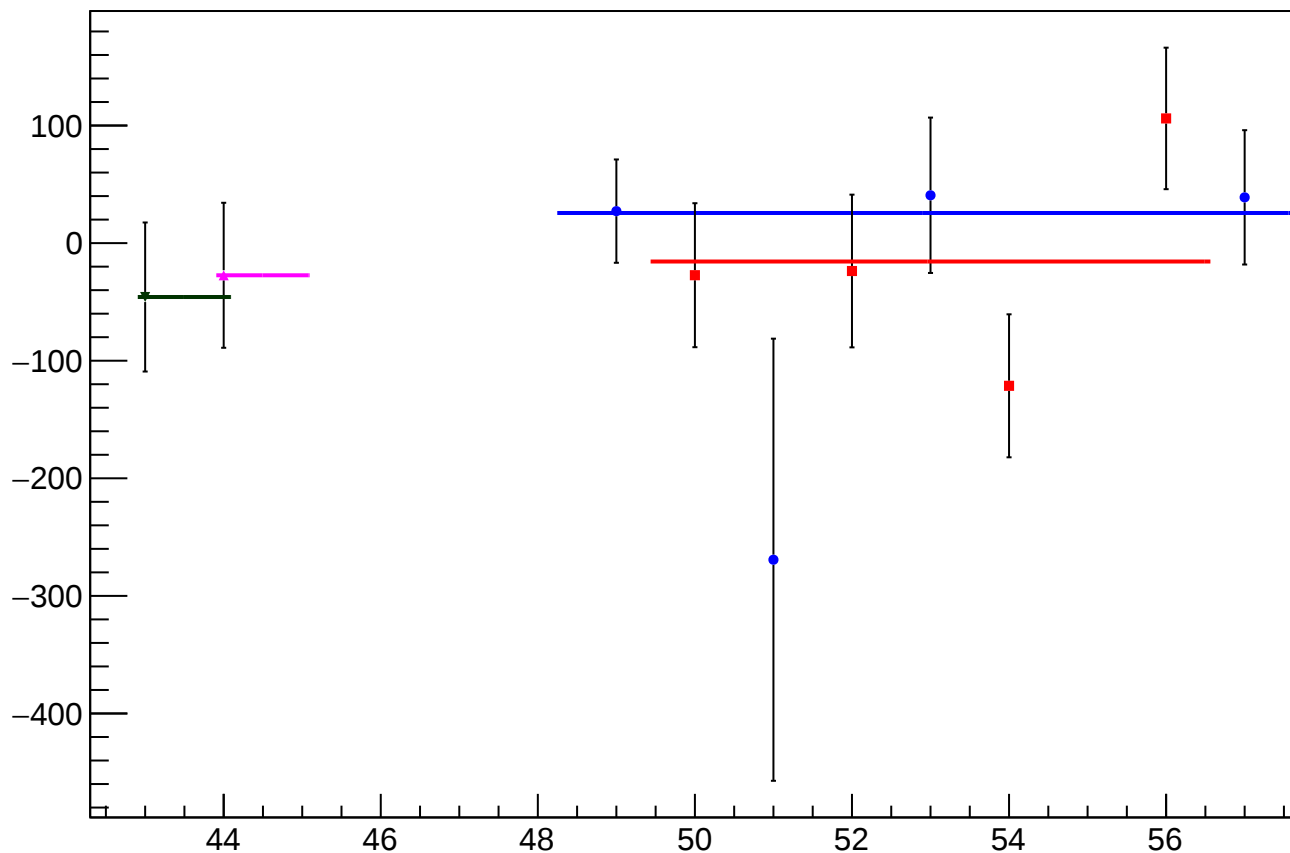
Right Out: 510.850 $\pm$ 0.250 χ^2 /NDF: 5684.3/3

Left In: 447.301 $\pm$ 0.442 χ^2 /NDF:0.0/0

467.012 $\pm$ 0.210 χ^2 /NDF: 21063.8/4

495.434 $\pm$ 0.218 χ^2 /NDF: 21367.0/4

asym_right_agg_dd_mean vs slug



Right In: 25.633 $\pm$ 30.402 χ^2/NDF : 2.6/3

Left Out: -45.823 $\pm$ 63.374 χ^2/NDF : 0.0/0

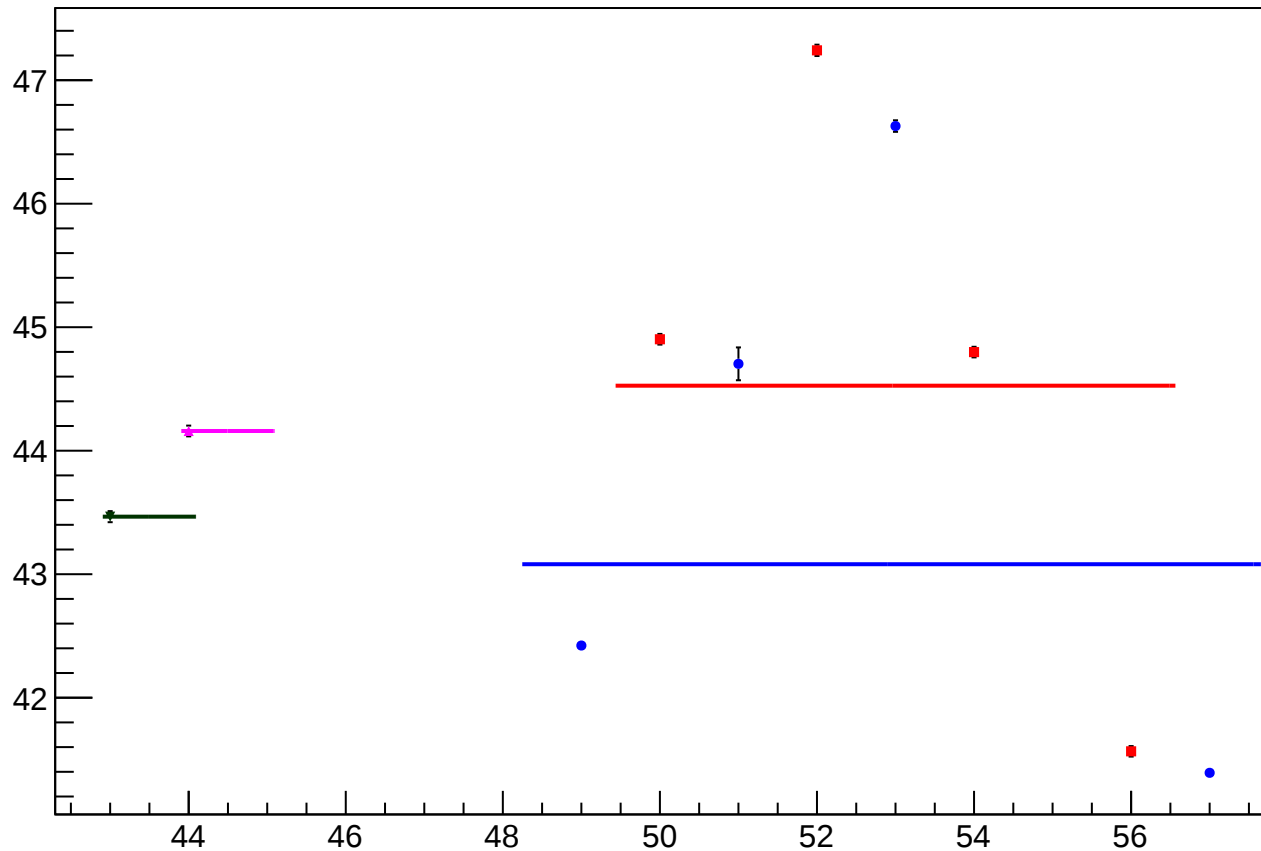
Right Out: -15.640 $\pm$ 30.851 χ^2/NDF : 7.2/3

Left In: -27.346 $\pm$ 61.656 χ^2/NDF : 0.0/0

12.264 $\pm$ 27.411 χ^2/NDF : 3.6/4

-17.984 $\pm$ 27.590 χ^2/NDF : 7.2/4

asym_right_agg_dd_rms vs slug



Right In: 43.081+/-0.021 χ^2 /NDF: 8113.6/3

Left Out: 43.466+/-0.045 χ^2 /NDF:0.0/0

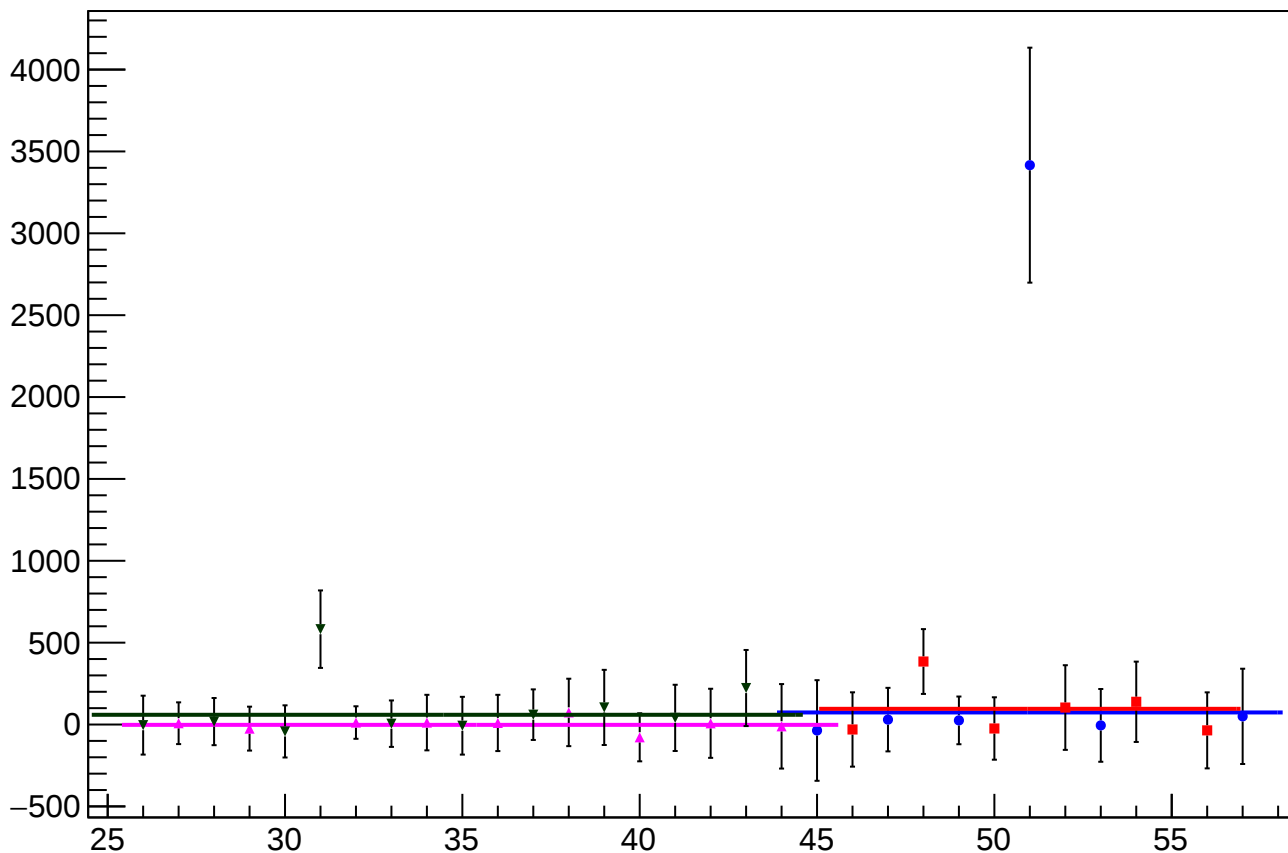
Right Out: 44.526+/-0.022 χ^2 /NDF: 8454.3/3

Left In: 44.160+/-0.044 χ^2 /NDF:0.0/0

43.153+/-0.019 χ^2 /NDF: 8173.6/4

44.453+/-0.020 χ^2 /NDF: 8510.9/4

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 73.757+/-91.950 χ^2/NDF : 22.1/5

Left Out: 59.489+/-55.719 χ^2/NDF : 6.3/9

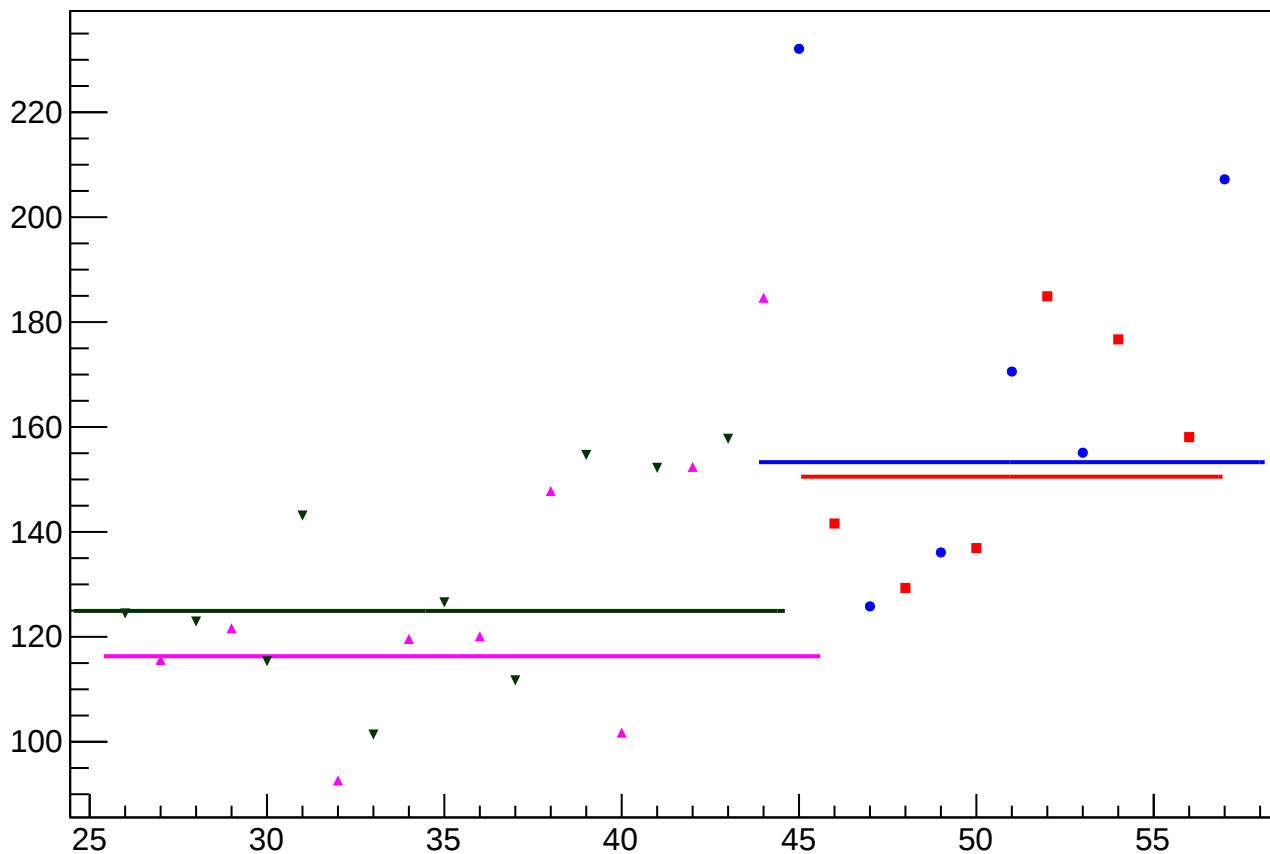
Right Out: 95.976+/-90.312 χ^2/NDF : 3.2/5

Left In: -2.017+/-50.338 χ^2/NDF : 0.5/8

63.321+/-47.653 χ^2/NDF : 28.5/15

21.211+/-43.970 χ^2/NDF : 4.6/14

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 153.301 $\pm$ 0.065 χ^2 /NDF: 269539.7/5

Left Out: 124.943 $\pm$ 0.039 χ^2 /NDF:199383.4/9

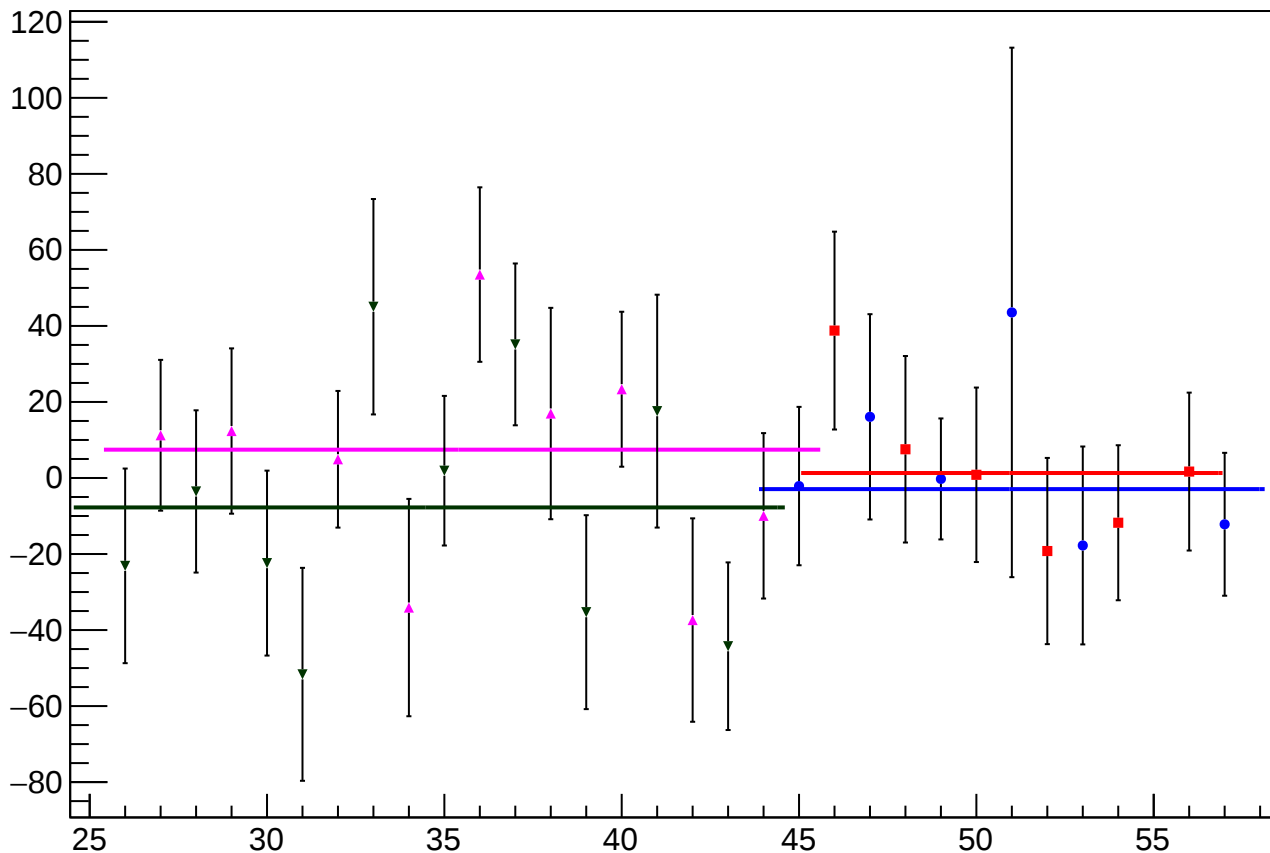
Right Out: 150.531 $\pm$ 0.064 χ^2 /NDF: 96529.0/5

Left In: 116.307 $\pm$ 0.036 χ^2 /NDF:383885.3/8

132.560 $\pm$ 0.034 χ^2 /NDF: 608055.1/15

124.419 $\pm$ 0.031 χ^2 /NDF: 699544.2/14

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -2.925+/-9.077 χ^2 /NDF: 1.5/5

Left Out: -7.744+/-7.585 χ^2 /NDF:15.6/9

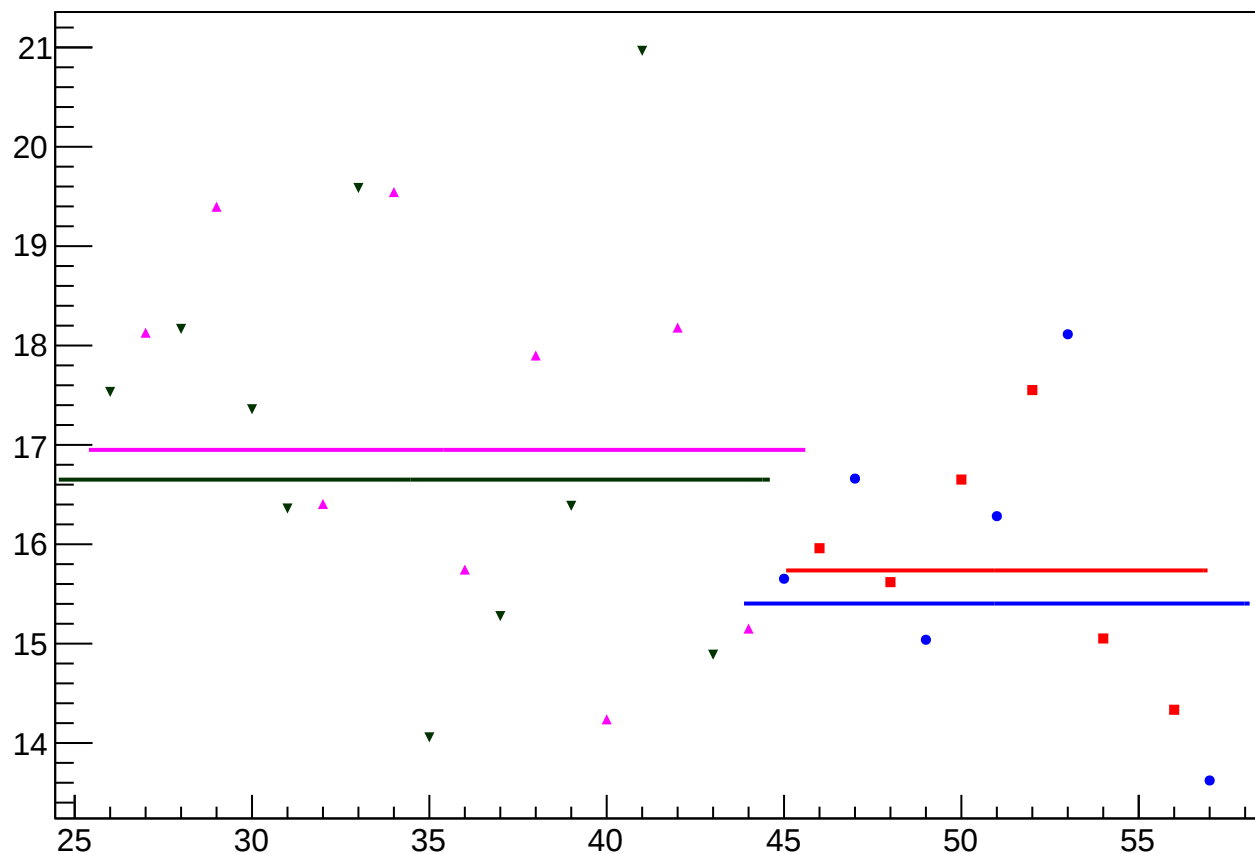
Right Out: 1.310+/-9.355 χ^2 /NDF: 3.3/5

Left In: 7.449+/-7.436 χ^2 /NDF:10.4/8

-5.763+/-5.820 χ^2 /NDF: 17.3/15

5.072+/-5.821 χ^2 /NDF: 13.9/14

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 15.403 $\pm$ 0.006 χ^2 /NDF: 45616.3/5

Left Out: 16.650 $\pm$ 0.005 χ^2 /NDF: 131585.8/9

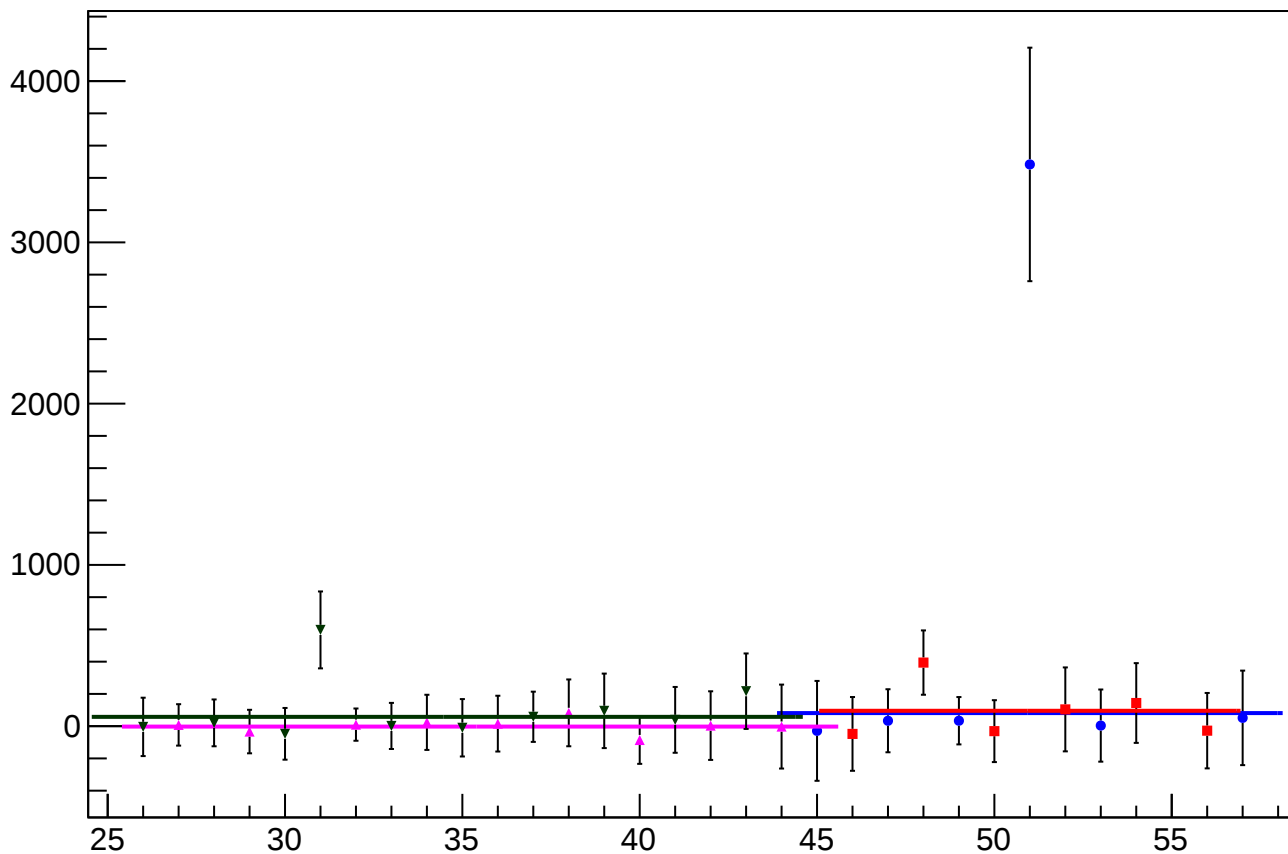
Right Out: 15.737 $\pm$ 0.007 χ^2 /NDF: 25719.2/5

Left In: 16.950 $\pm$ 0.005 χ^2 /NDF: 111842.2/8

16.138 $\pm$ 0.004 χ^2 /NDF: 199425.5/15

16.480 $\pm$ 0.004 χ^2 /NDF: 158179.0/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 81.147+/-92.637 χ^2/NDF : 22.5/5

Left Out: 57.736+/-56.149 χ^2/NDF : 6.5/9

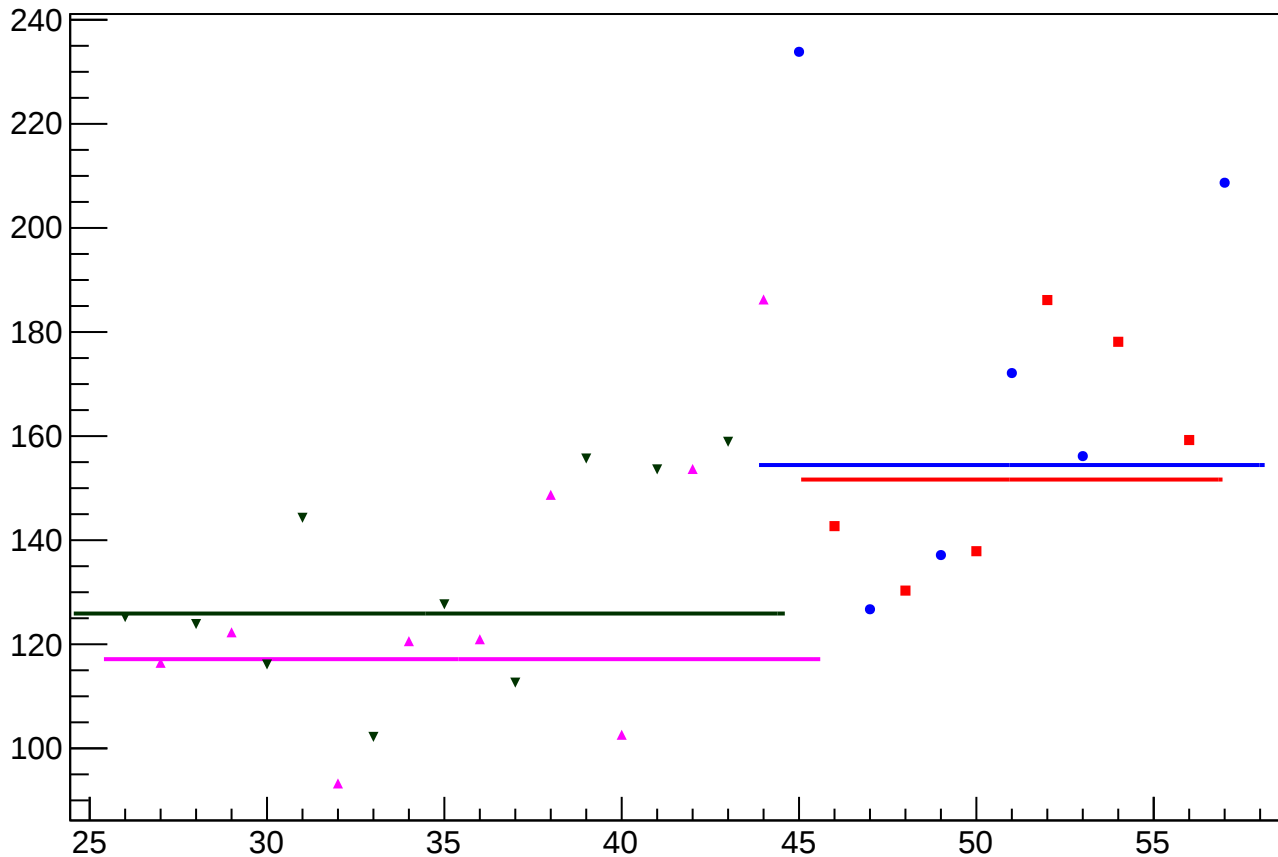
Right Out: 95.447+/-90.982 χ^2/NDF : 3.4/5

Left In: -2.605+/-50.703 χ^2/NDF : 0.6/8

64.026+/-48.018 χ^2/NDF : 29.1/15

20.631+/-44.290 χ^2/NDF : 4.9/14

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 154.443 $\pm$ 0.066 χ^2 /NDF: 269361.2/5

Left Out: 125.907 $\pm$ 0.040 χ^2 /NDF:199353.5/9

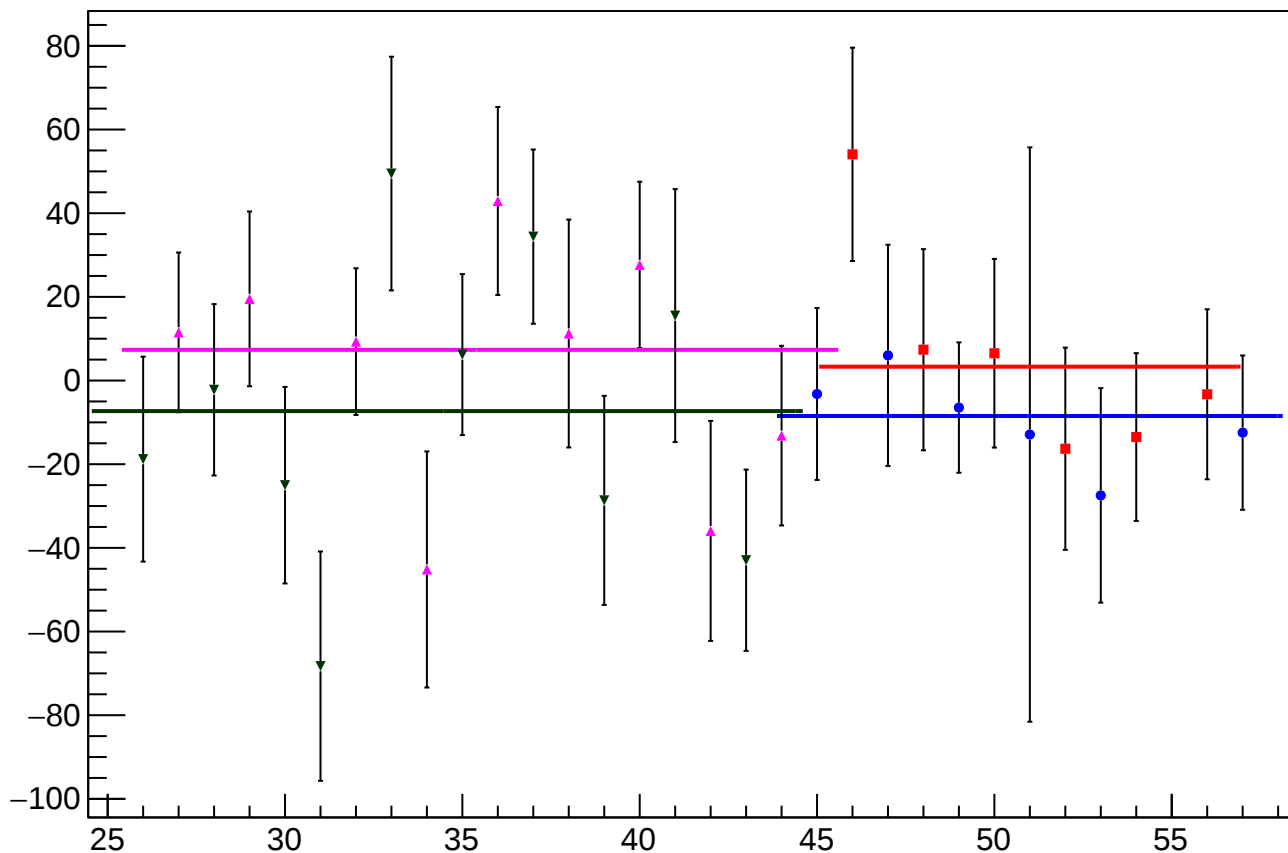
Right Out: 151.652 $\pm$ 0.064 χ^2 /NDF: 96417.6/5

Left In: 117.138 $\pm$ 0.036 χ^2 /NDF:384637.6/8

133.574 $\pm$ 0.034 χ^2 /NDF: 607503.9/15

125.317 $\pm$ 0.031 χ^2 /NDF: 700666.8/14

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -8.479 ± 8.913 $\chi^2/\text{NDF}: 1.0/5$

Left Out: -7.303 ± 7.391 $\chi^2/\text{NDF}: 18.4/9$

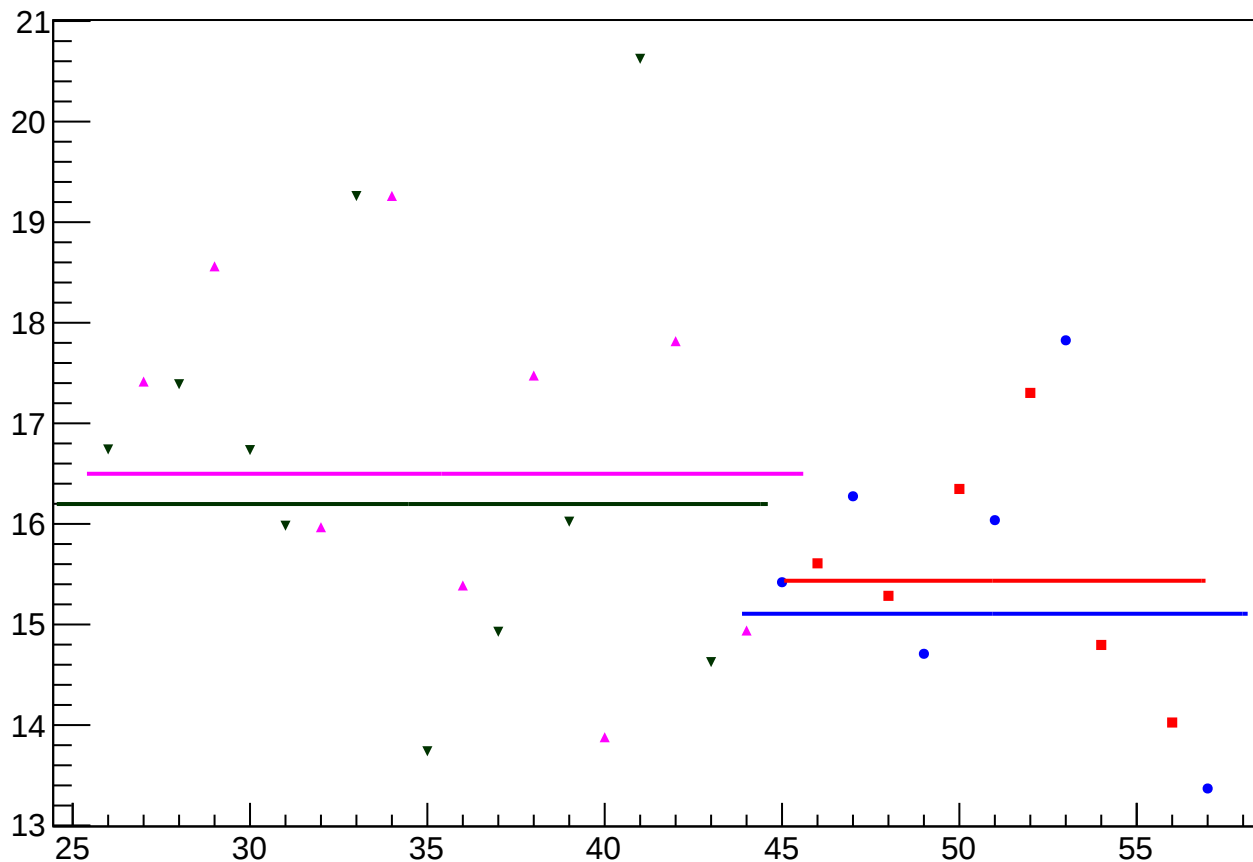
Right Out: 3.314 ± 9.184 $\chi^2/\text{NDF}: 5.5/5$

Left In: 7.338 ± 7.251 $\chi^2/\text{NDF}: 11.1/8$

-7.782 ± 5.689 $\chi^2/\text{NDF}: 19.4/15$

5.793 ± 5.691 $\chi^2/\text{NDF}: 16.7/14$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 15.107 $\pm$ 0.006 χ^2 /NDF: 46261.5/5

Left Out: 16.198 $\pm$ 0.005 χ^2 /NDF: 126492.9/9

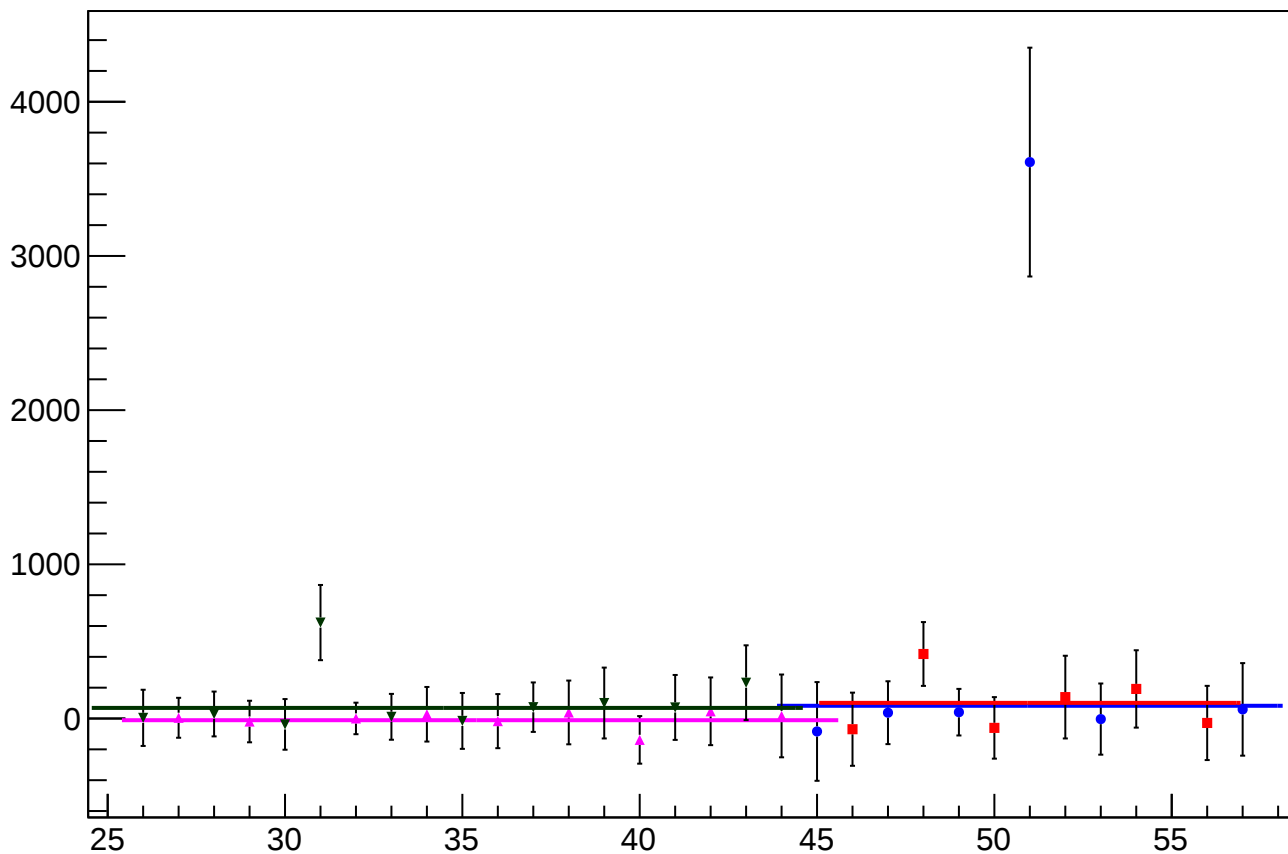
Right Out: 15.435 $\pm$ 0.006 χ^2 /NDF: 27037.4/5

Left In: 16.499 $\pm$ 0.005 χ^2 /NDF: 102858.3/8

15.753 $\pm$ 0.004 χ^2 /NDF: 190509.2/15

16.090 $\pm$ 0.004 χ^2 /NDF: 146419.9/14

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 82.615 ± 95.633 $\chi^2/\text{NDF}: 23.1/5$

Left Out: 68.786 ± 57.328 $\chi^2/\text{NDF}: 6.6/9$

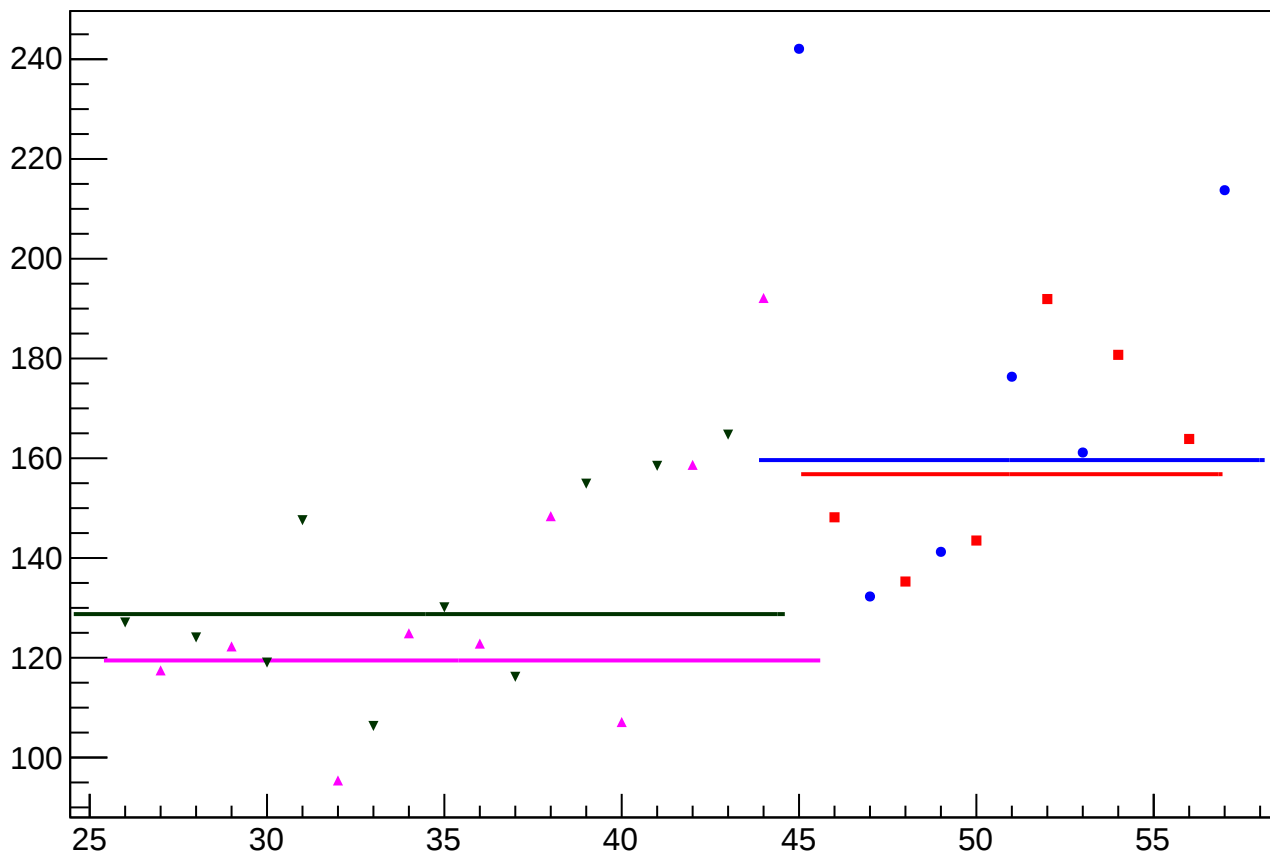
Right Out: 101.470 ± 93.954 $\chi^2/\text{NDF}: 4.0/5$

Left In: -10.941 ± 51.660 $\chi^2/\text{NDF}: 0.9/8$

72.442 ± 49.170 $\chi^2/\text{NDF}: 29.7/15$

15.155 ± 45.268 $\chi^2/\text{NDF}: 6.0/14$

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 159.633 ± 0.068 χ^2/NDF : 264448.8/5

Left Out: 128.755 ± 0.041 χ^2/NDF : 188808.0/9

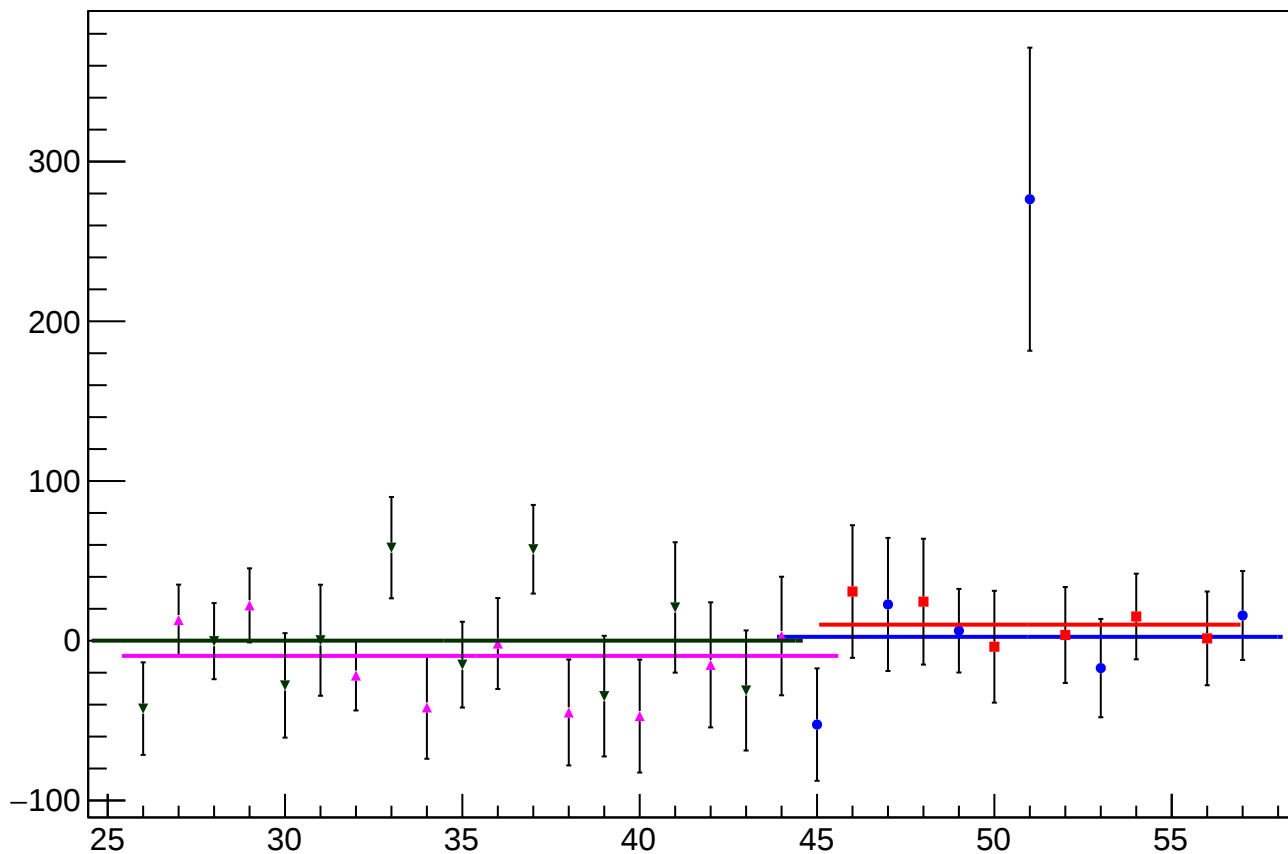
Right Out: 156.805 ± 0.066 χ^2/NDF : 87353.9/5

Left In: 119.459 ± 0.037 χ^2/NDF : 377012.5/8

136.918 ± 0.035 χ^2/NDF : 606633.1/15

128.129 ± 0.032 χ^2/NDF : 707013.6/14

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 2.443 ± 13.735 $\chi^2/\text{NDF}: 11.7/5$

Left Out: 0.067 ± 9.805 $\chi^2/\text{NDF}: 12.6/9$

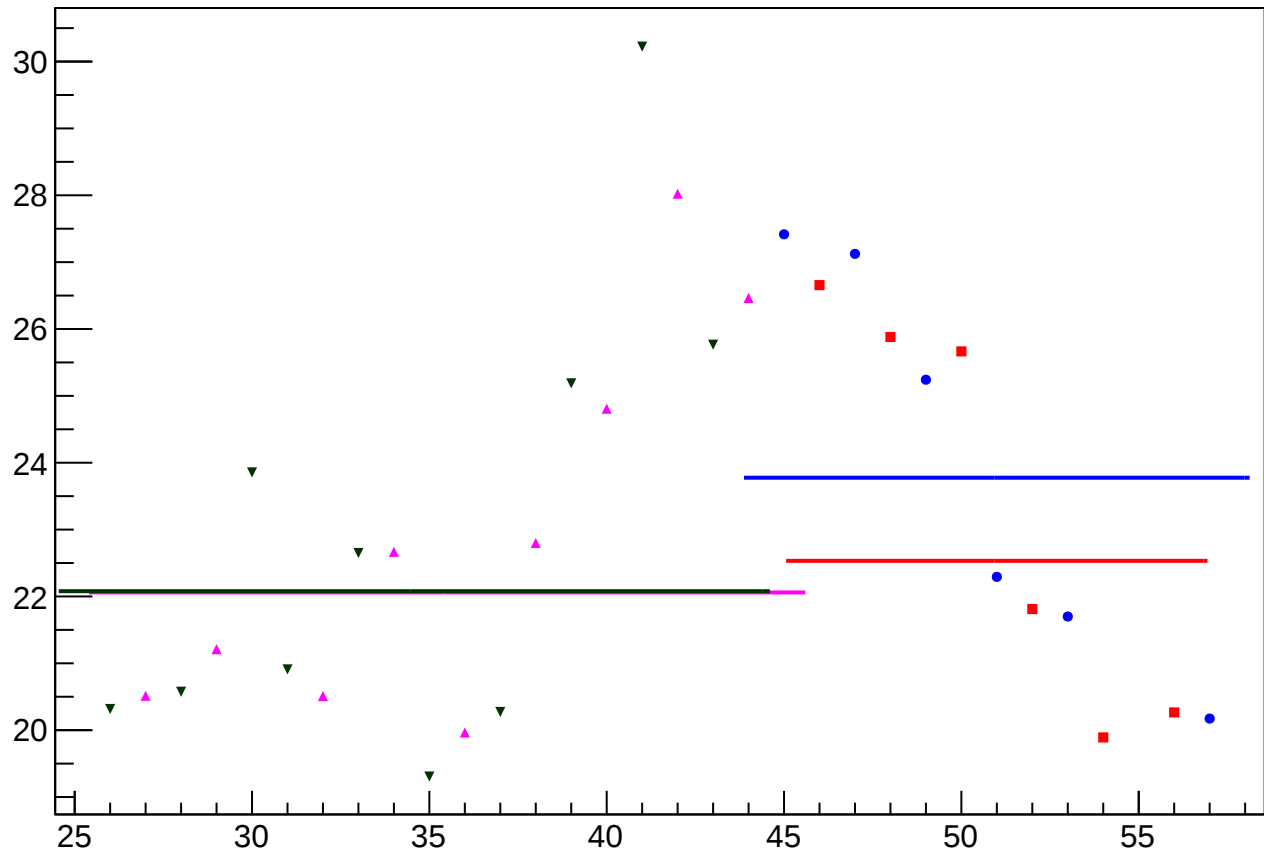
Right Out: 10.069 ± 13.243 $\chi^2/\text{NDF}: 0.7/5$

Left In: -9.482 ± 9.418 $\chi^2/\text{NDF}: 6.7/8$

0.869 ± 7.980 $\chi^2/\text{NDF}: 24.3/15$

-2.914 ± 7.675 $\chi^2/\text{NDF}: 8.8/14$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.776 $\pm$ 0.010 χ^2 /NDF: 83691.1/5

Left Out: 22.079 $\pm$ 0.007 χ^2 /NDF:166332.3/9

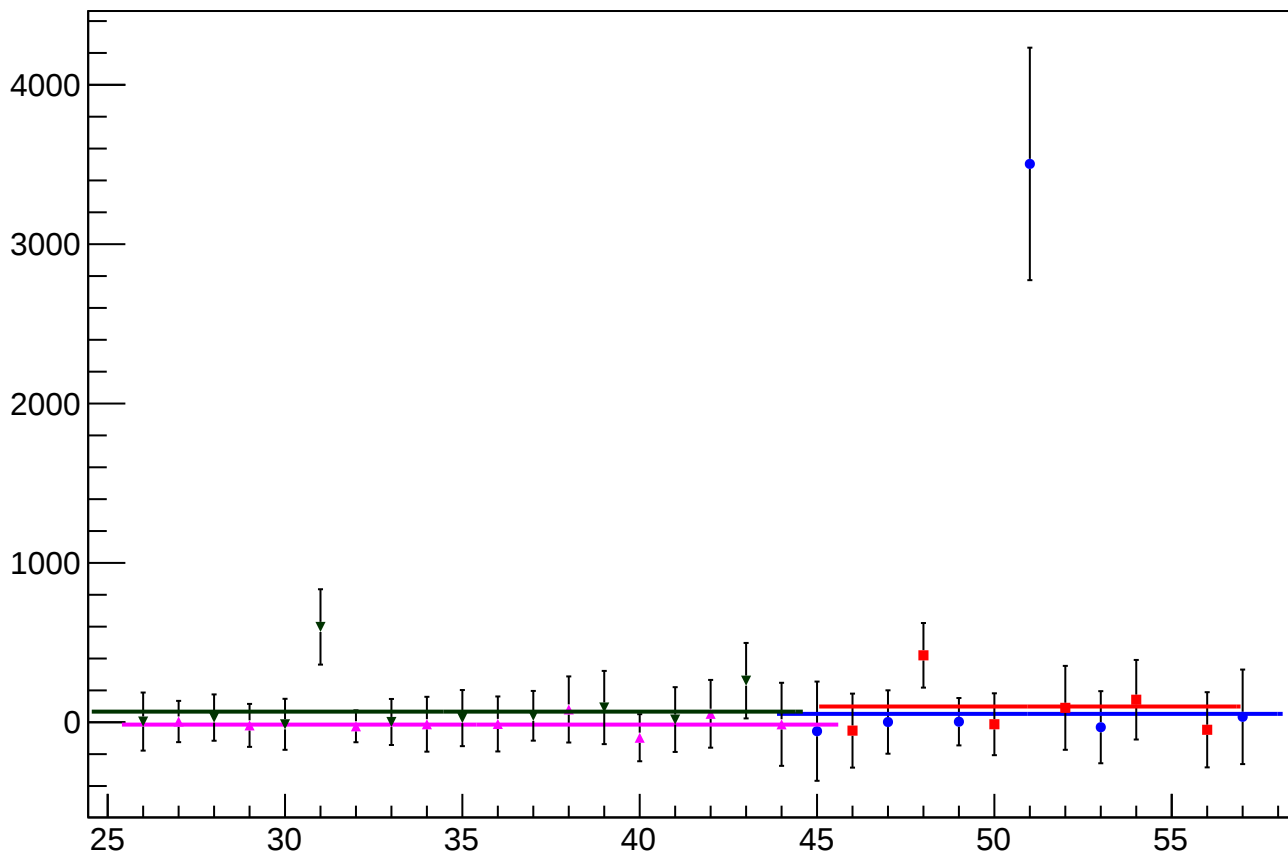
Right Out: 22.533 $\pm$ 0.009 χ^2 /NDF: 82690.9/5

Left In: 22.060 $\pm$ 0.007 χ^2 /NDF:121609.5/8

22.652 $\pm$ 0.006 χ^2 /NDF: 270253.5/15

22.219 $\pm$ 0.005 χ^2 /NDF: 205993.8/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 52.701+/-93.810 χ^2/NDF : 22.8/5

Left Out: 66.787+/-56.199 χ^2/NDF : 6.5/9

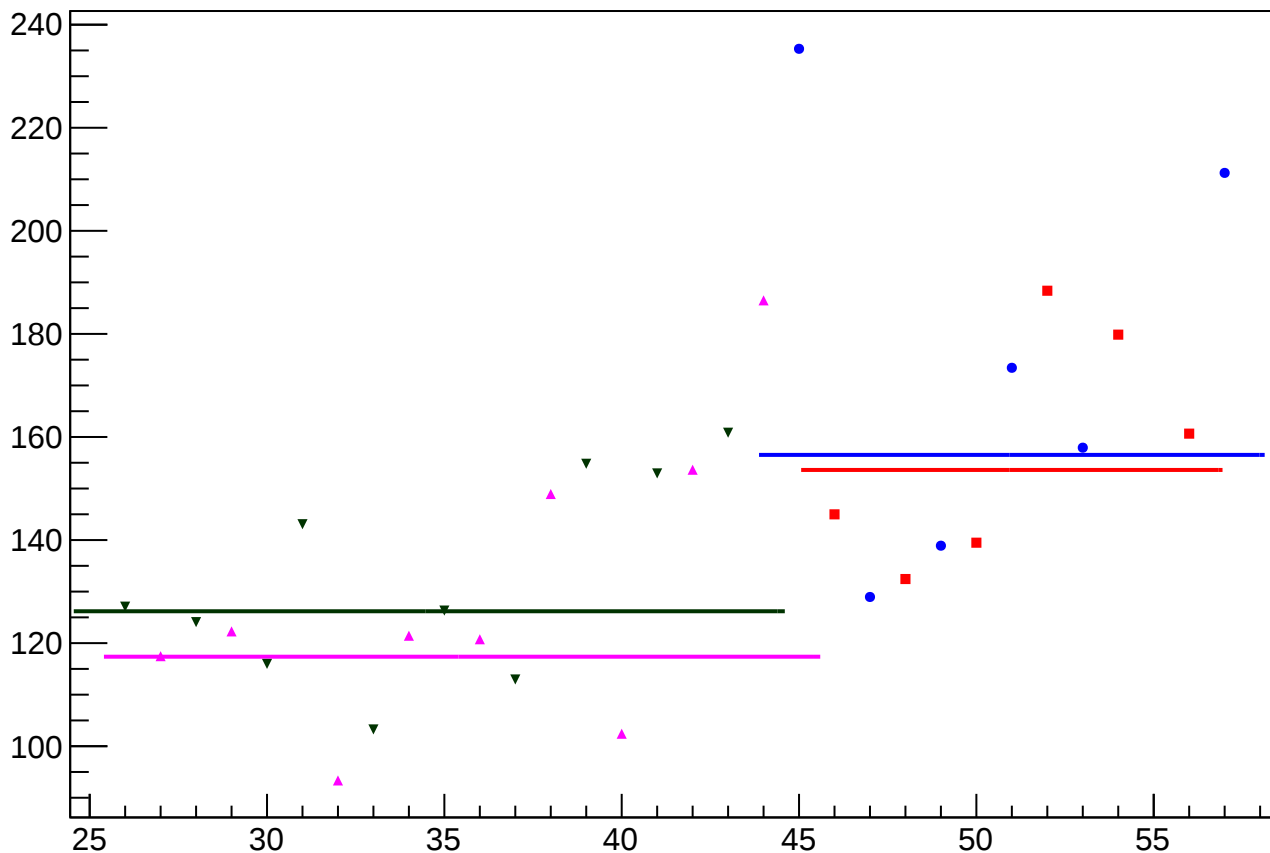
Right Out: 98.868+/-92.115 χ^2/NDF : 3.7/5

Left In: -14.653+/-50.783 χ^2/NDF : 0.7/8

63.067+/-48.210 χ^2/NDF : 29.3/15

11.807+/-44.472 χ^2/NDF : 5.5/14

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 156.525+/-0.066 χ^2/NDF : 263865.3/5

Left Out: 126.184+/-0.040 χ^2/NDF :192128.0/9

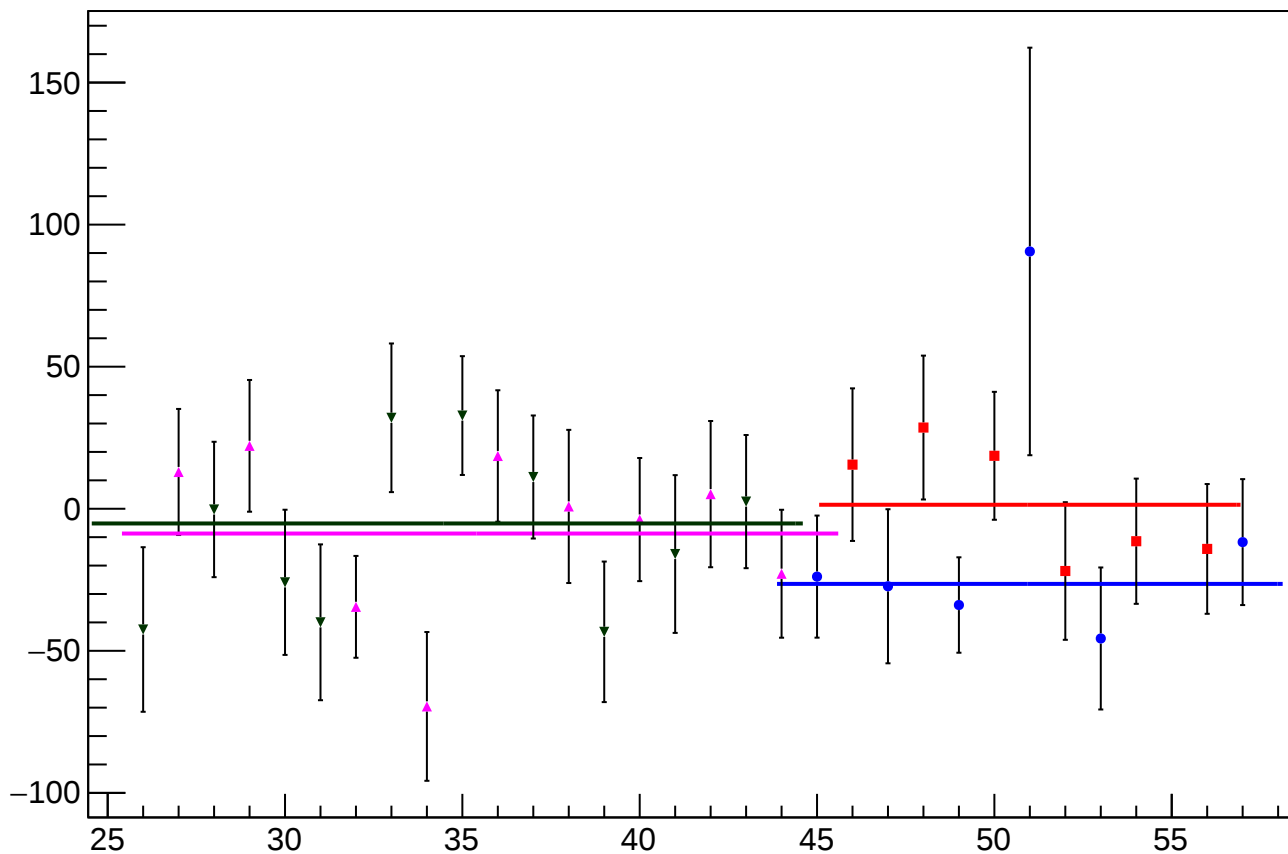
Right Out: 153.603+/-0.065 χ^2/NDF : 93915.9/5

Left In: 117.367+/-0.036 χ^2/NDF :385462.1/8

134.197+/-0.034 χ^2/NDF : 609954.8/15

125.813+/-0.031 χ^2/NDF : 716737.6/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -26.447 ± 9.576 χ^2/NDF : 3.9/5

Left Out: -5.176 ± 7.796 χ^2/NDF : 12.5/9

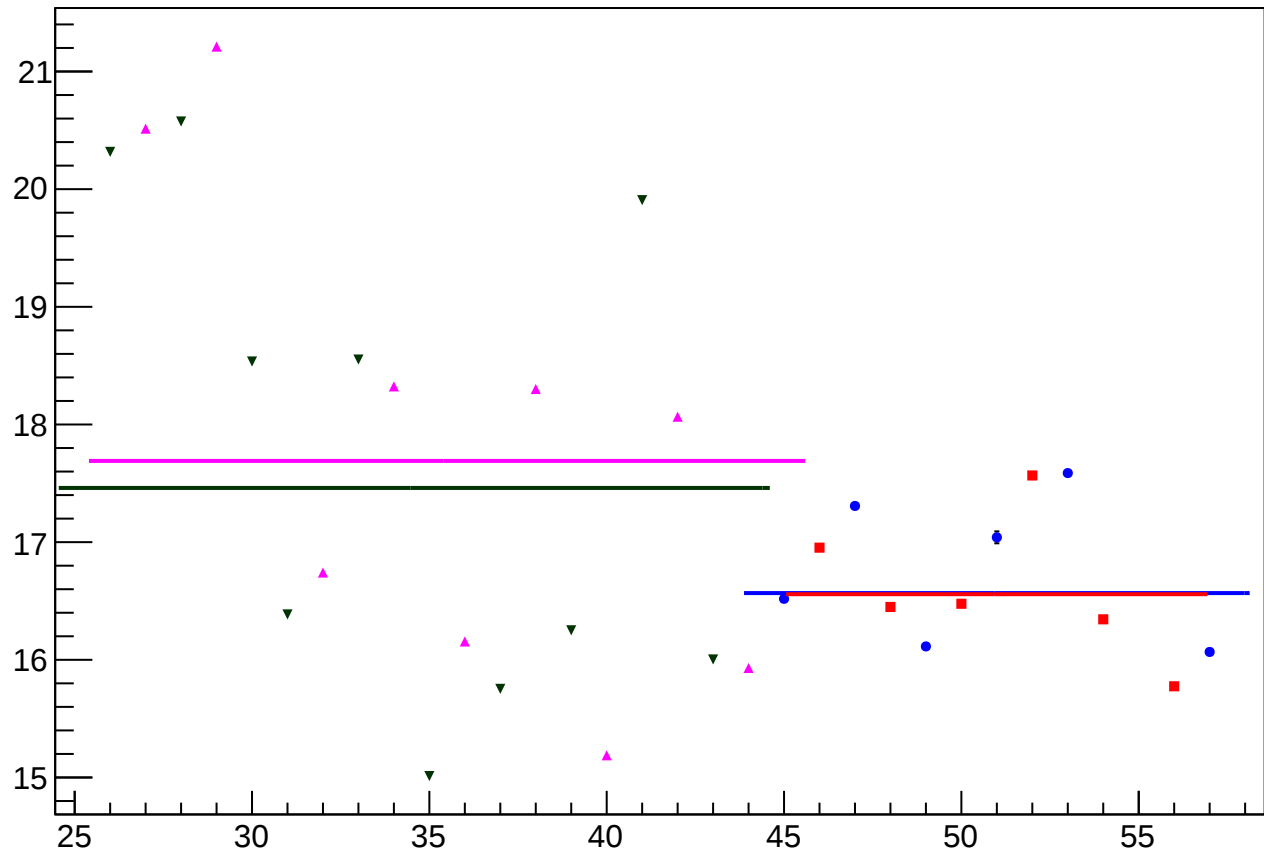
Right Out: 1.405 ± 9.712 χ^2/NDF : 3.7/5

Left In: -8.720 ± 7.598 χ^2/NDF : 12.5/8

-13.655 ± 6.046 χ^2/NDF : 19.4/15

-4.876 ± 5.984 χ^2/NDF : 16.9/14

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 16.567 $\pm$ 0.007 χ^2 /NDF: 7398.5/5

Left Out: 17.461 $\pm$ 0.006 χ^2 /NDF:131638.1/9

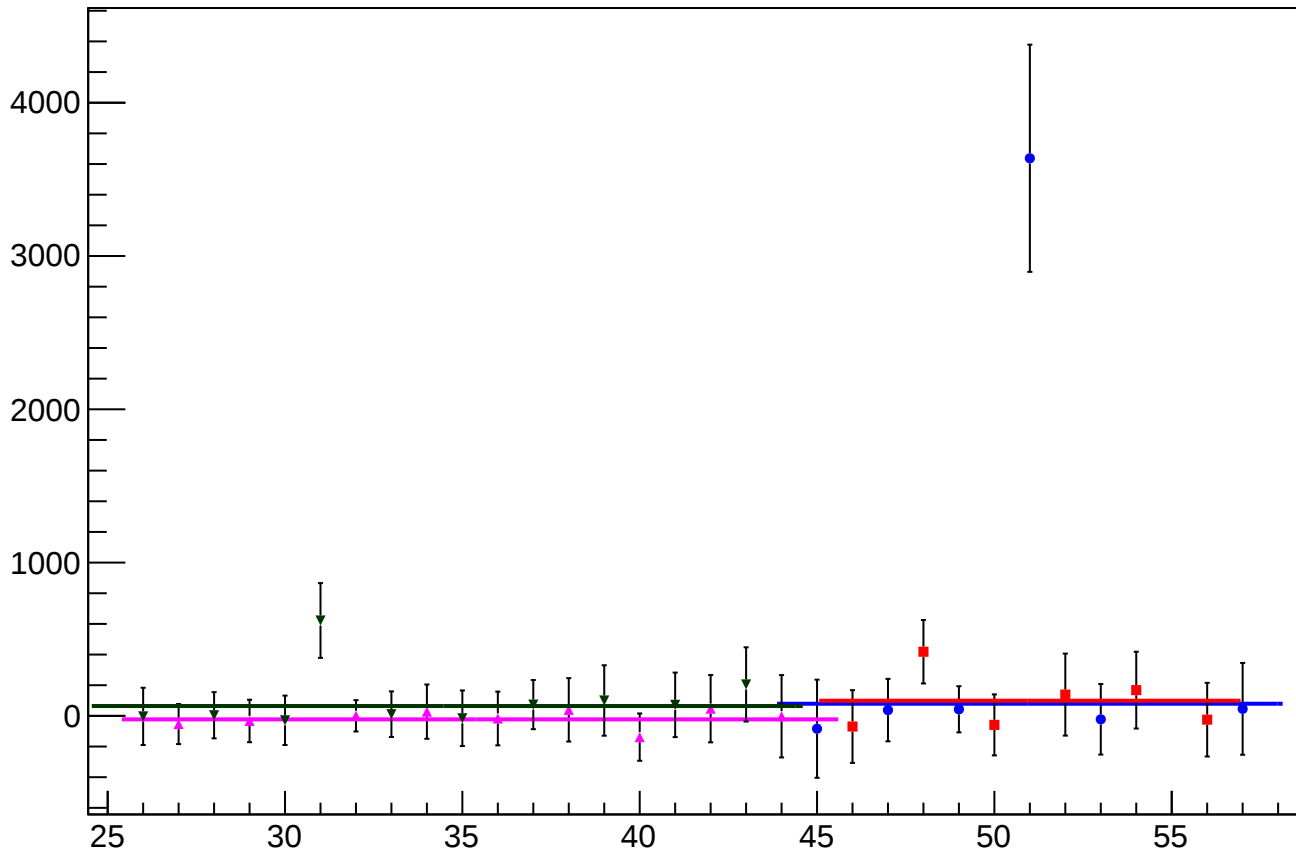
17.105 $\pm$ 0.004 χ^2 /NDF: 149509.2/15

Right Out: 16.558 $\pm$ 0.007 χ^2 /NDF: 6505.5/5

17.260 $\pm$ 0.004 χ^2 /NDF: 157828.2/14

Left In: 17.690 $\pm$ 0.005 χ^2 /NDF:134444.8/8

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 79.243+/-95.463 χ^2/NDF : 23.6/5

Left Out: 64.255+/-57.630 χ^2/NDF : 6.5/9

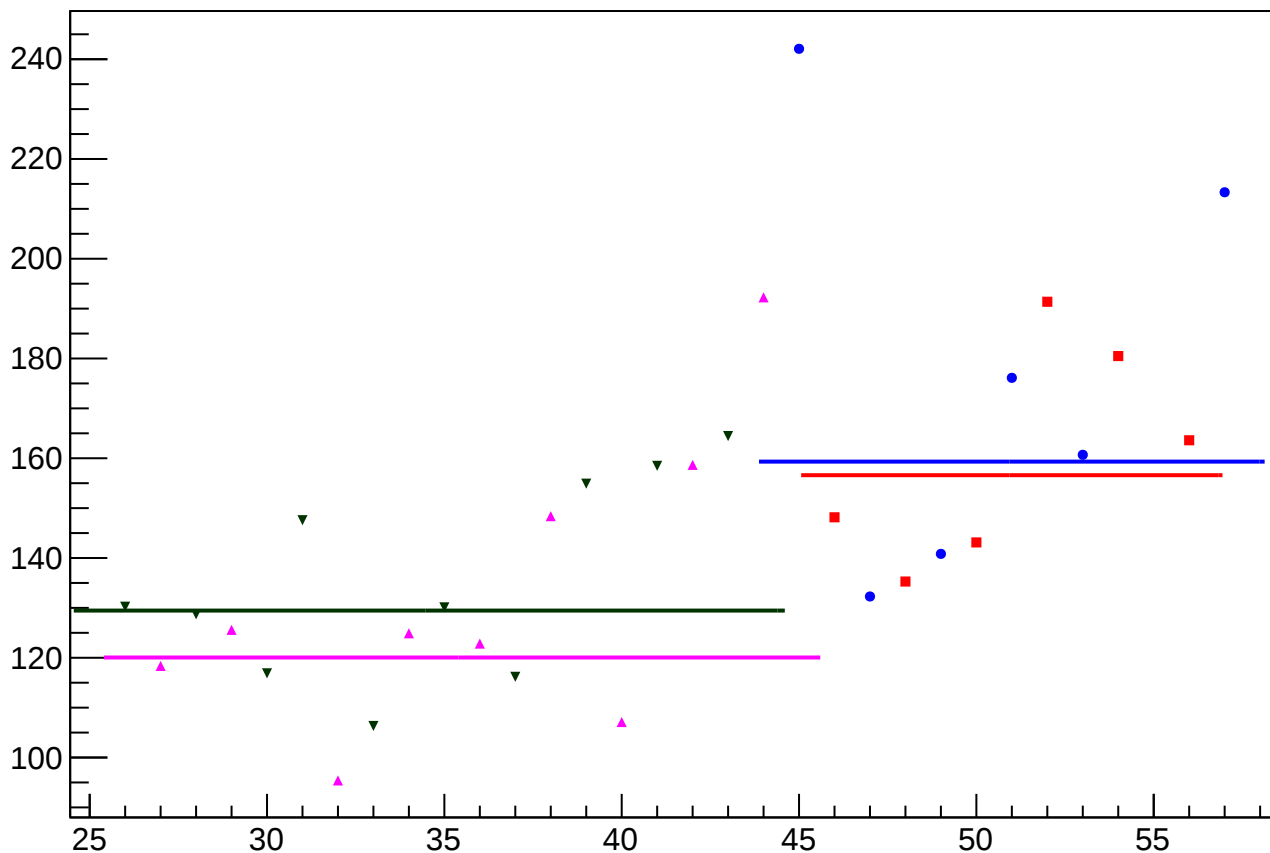
Right Out: 98.976+/-93.824 χ^2/NDF : 3.9/5

Left In: -22.721+/-51.941 χ^2/NDF : 1.0/8

68.258+/-49.337 χ^2/NDF : 30.2/15

5.827+/-45.442 χ^2/NDF : 6.1/14

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 159.327 $\pm$ 0.068 χ^2 /NDF: 265116.1/5

Left Out: 129.462 $\pm$ 0.041 χ^2 /NDF: 189687.2/9

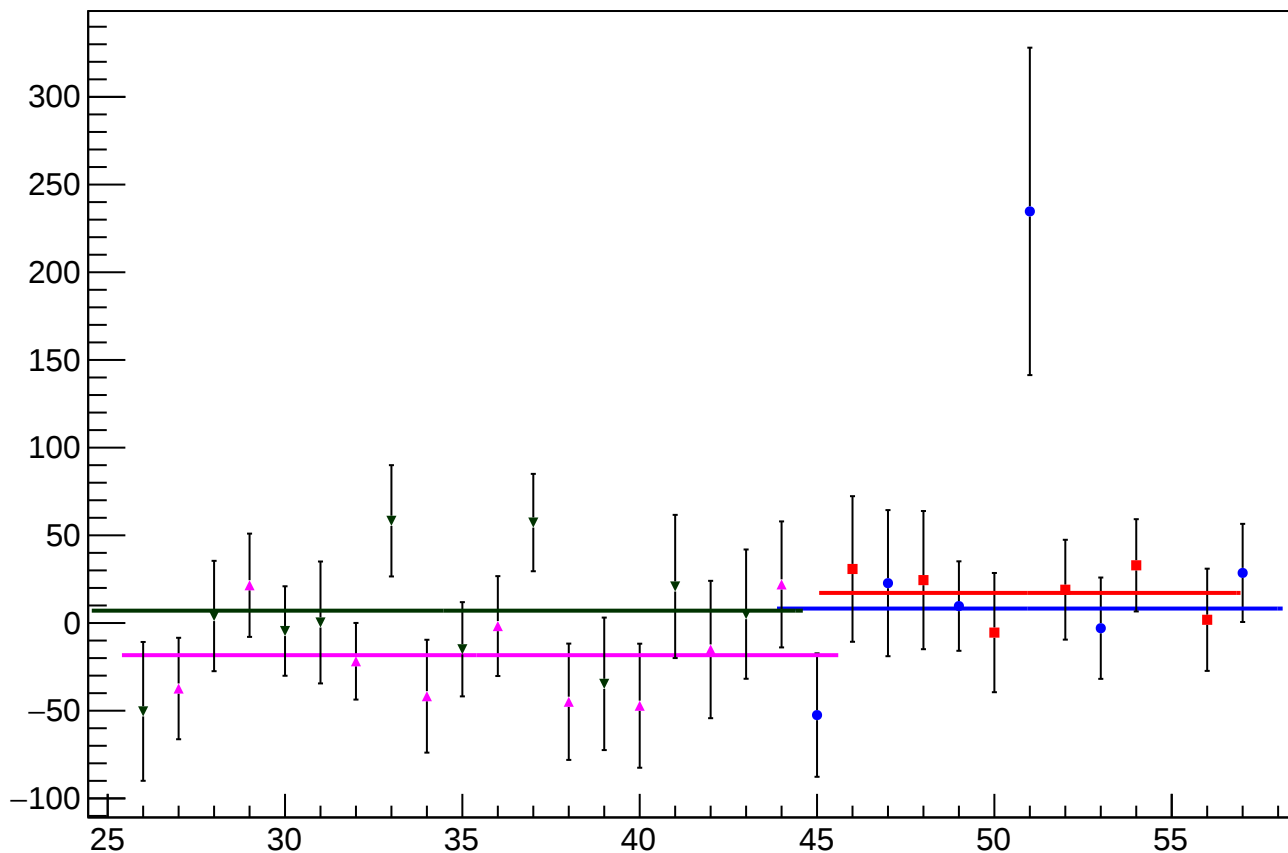
Right Out: 156.602 $\pm$ 0.066 χ^2 /NDF: 86604.6/5

Left In: 120.052 $\pm$ 0.037 χ^2 /NDF: 379795.5/8

137.439 $\pm$ 0.035 χ^2 /NDF: 598262.1/15

128.626 $\pm$ 0.032 χ^2 /NDF: 698712.0/14

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 8.248 ± 13.471 χ^2/NDF : 9.7/5

Left Out: 7.046 ± 10.139 χ^2/NDF : 10.2/9

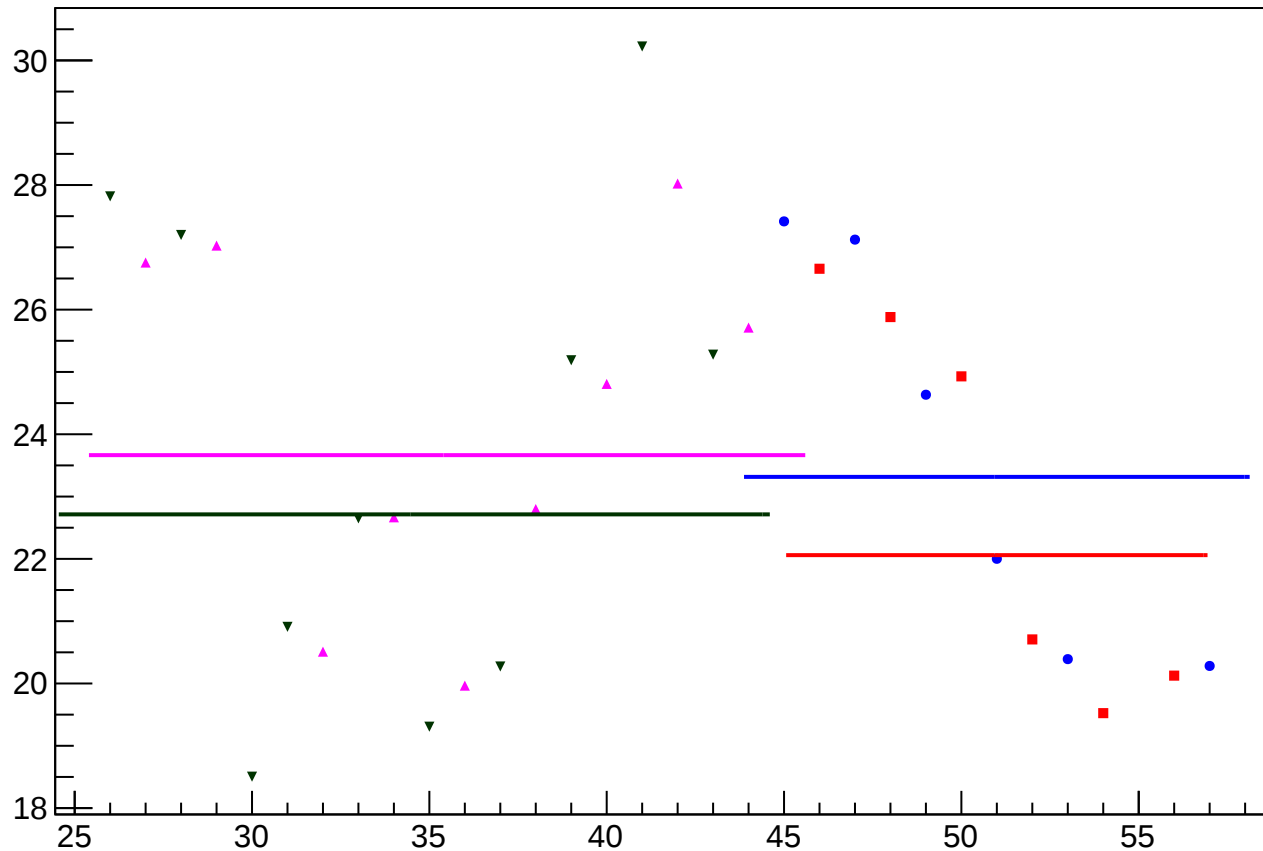
7.481 ± 8.101 χ^2/NDF : 19.9/15

Right Out: 17.166 ± 12.967 χ^2/NDF : 1.2/5

-4.909 ± 7.974 χ^2/NDF : 11.6/14

Left In: -18.334 ± 10.112 χ^2/NDF : 5.7/8

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.316 $\pm$ 0.010 χ^2 /NDF: 93629.0/5

Left Out: 22.714 $\pm$ 0.007 χ^2 /NDF: 267334.5/9

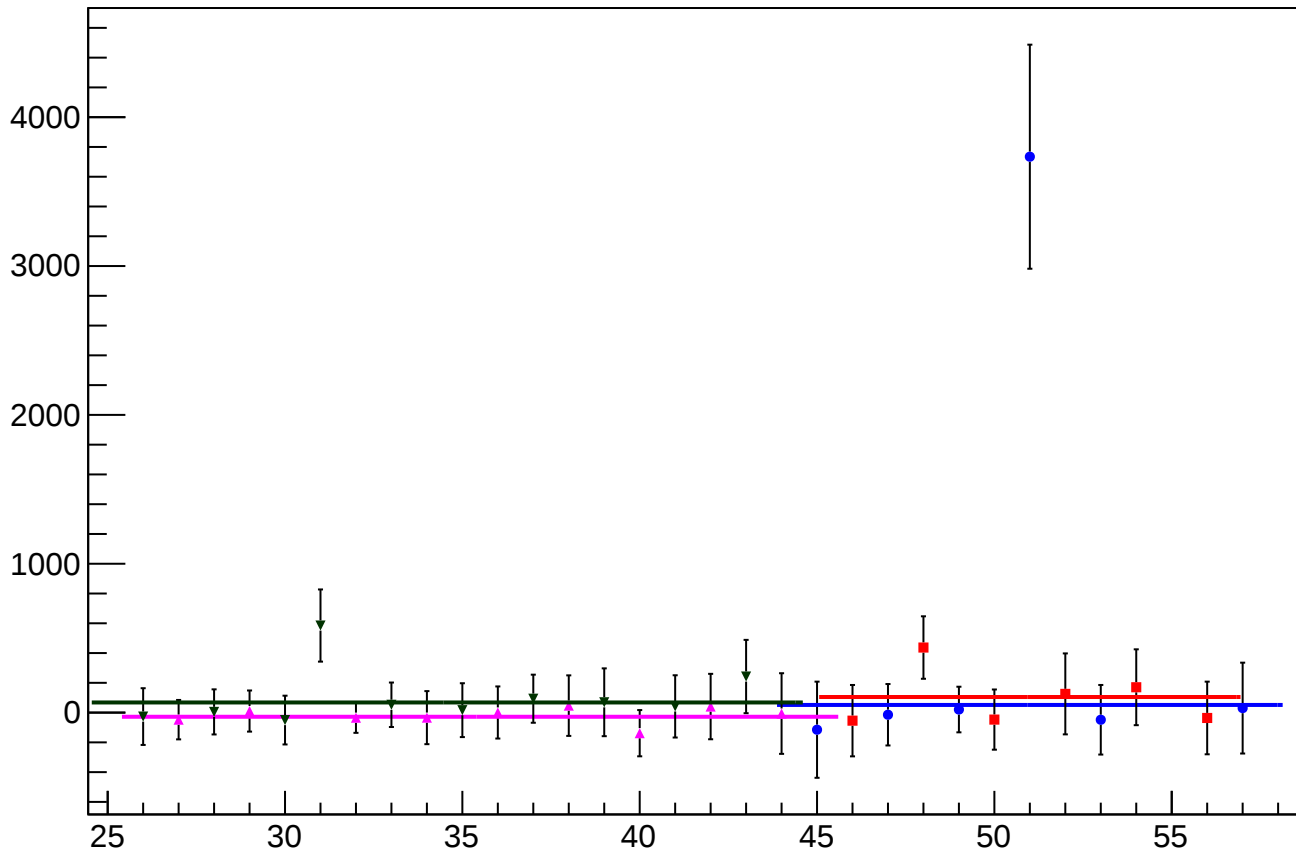
Right Out: 22.060 $\pm$ 0.009 χ^2 /NDF: 89499.1/5

Left In: 23.665 $\pm$ 0.007 χ^2 /NDF: 161021.9/8

22.932 $\pm$ 0.006 χ^2 /NDF: 363511.4/15

23.058 $\pm$ 0.006 χ^2 /NDF: 269570.9/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 51.399+/-96.915 χ^2/NDF : 24.5/5

Left Out: 68.060+/-57.959 χ^2/NDF : 6.1/9

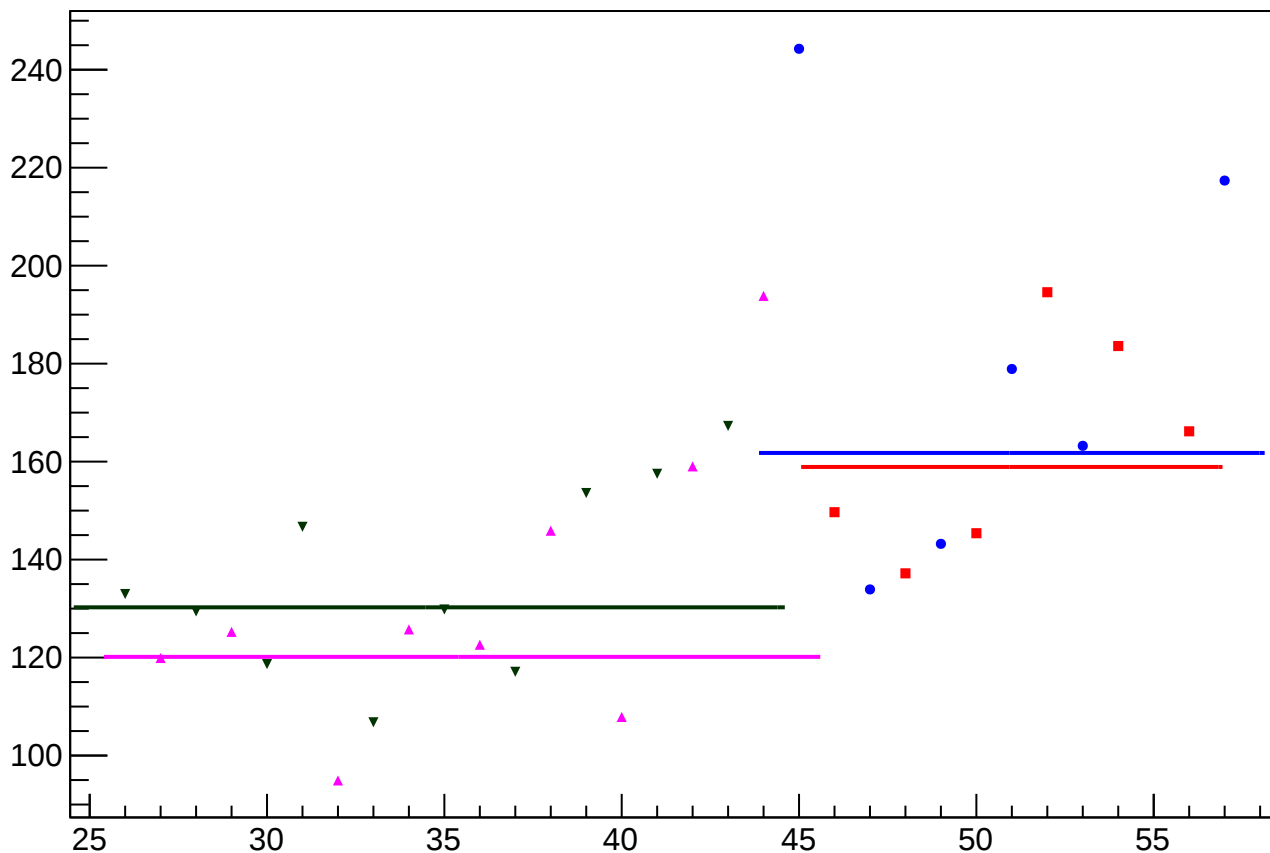
Right Out: 104.715+/-95.229 χ^2/NDF : 3.9/5

Left In: -27.981+/-51.982 χ^2/NDF : 0.9/8

63.671+/-49.742 χ^2/NDF : 30.7/15

2.481+/-45.627 χ^2/NDF : 6.3/14

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 161.772 $\pm$ 0.069 χ^2 /NDF: 263776.0/5

Left Out: 130.257 $\pm$ 0.041 χ^2 /NDF: 182492.6/9

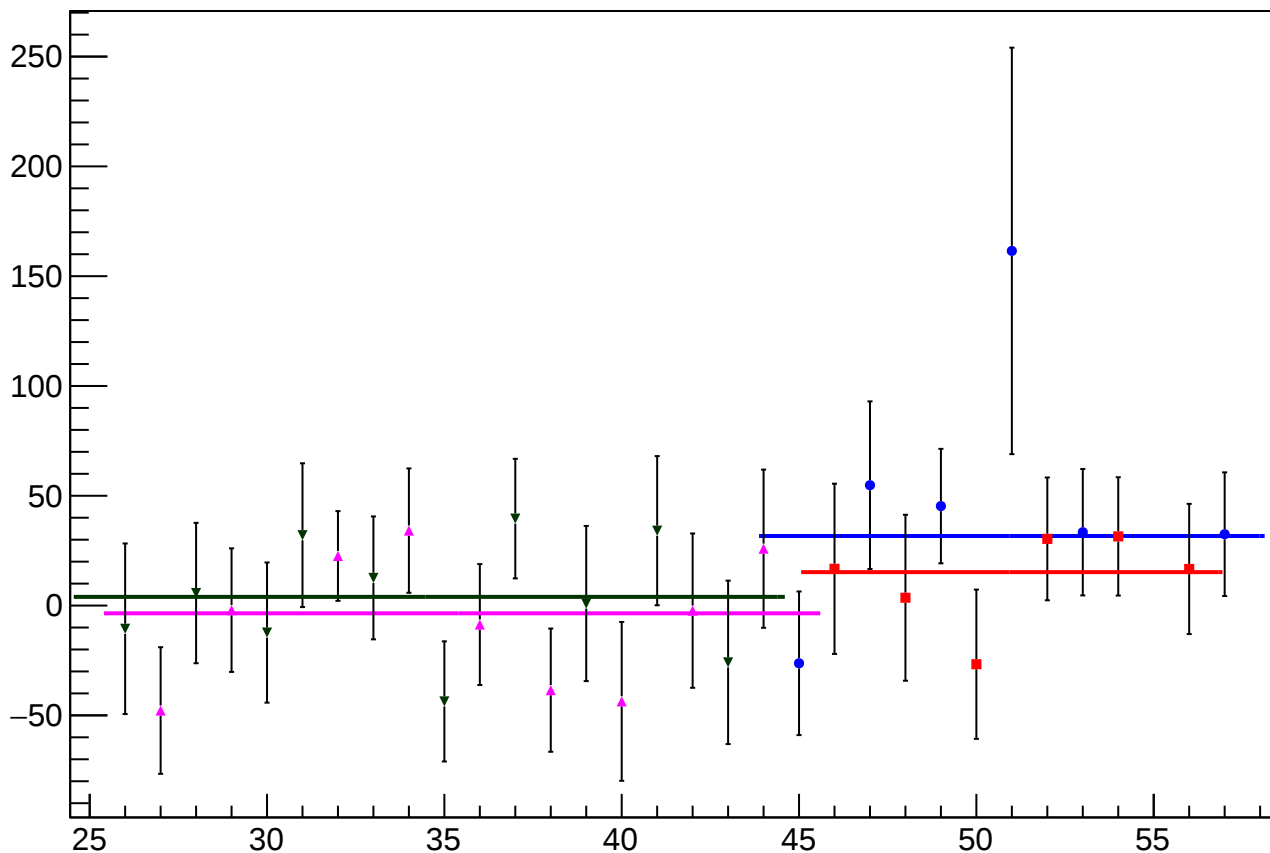
Right Out: 158.911 $\pm$ 0.067 χ^2 /NDF: 88281.3/5

Left In: 120.145 $\pm$ 0.037 χ^2 /NDF: 383181.0/8

138.559 $\pm$ 0.035 χ^2 /NDF: 602038.1/15

129.044 $\pm$ 0.032 χ^2 /NDF: 726811.0/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 31.681 $\pm$ 13.271 χ^2 /NDF: 5.8/5

Left Out: 3.960 $\pm$ 10.046 χ^2 /NDF: 7.4/9

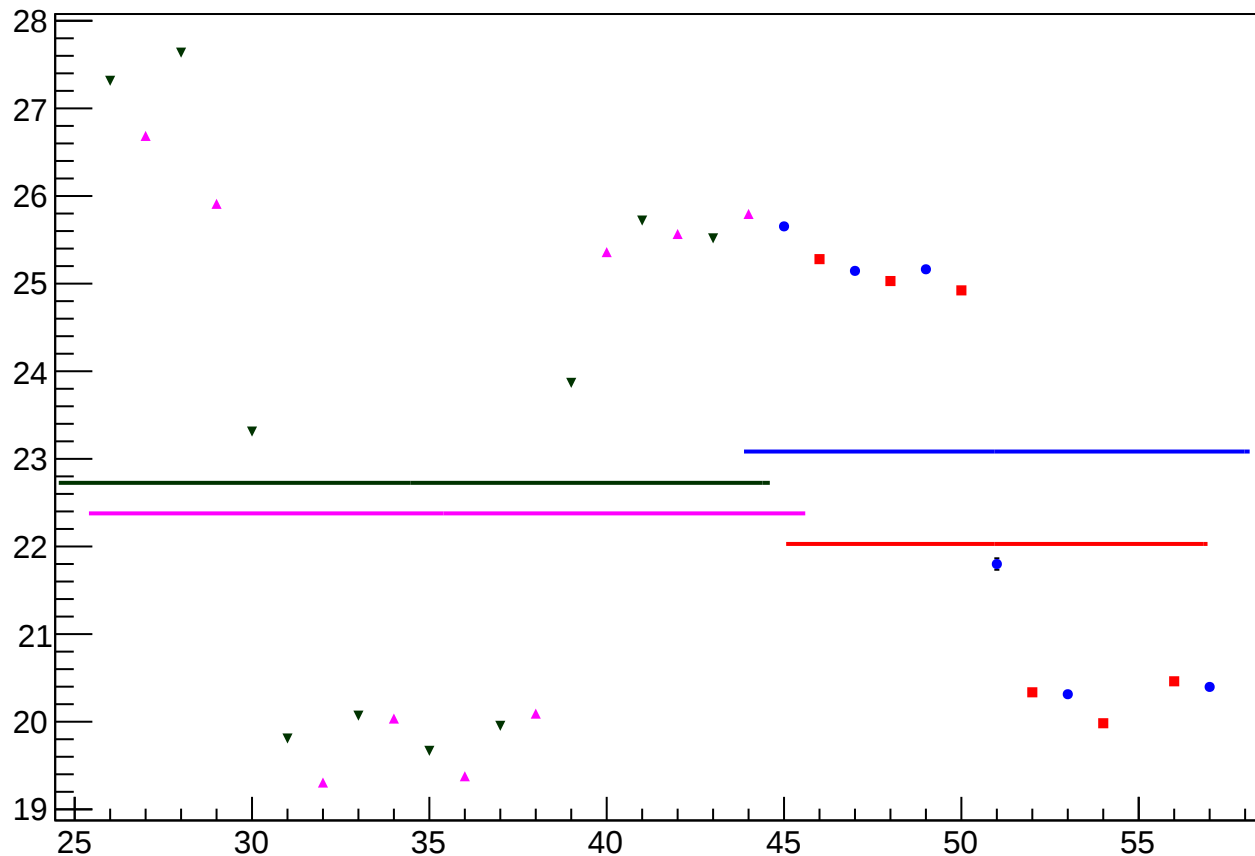
Right Out: 15.225 $\pm$ 12.881 χ^2 /NDF: 2.3/5

Left In: -3.528 $\pm$ 9.515 χ^2 /NDF: 9.3/8

14.059 $\pm$ 8.010 χ^2 /NDF: 15.9/15

3.092 $\pm$ 7.654 χ^2 /NDF: 12.9/14

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 23.084+/-0.009 χ^2/NDF : 68029.5/5

Left Out: 22.726+/-0.007 χ^2/NDF : 184323.0/9

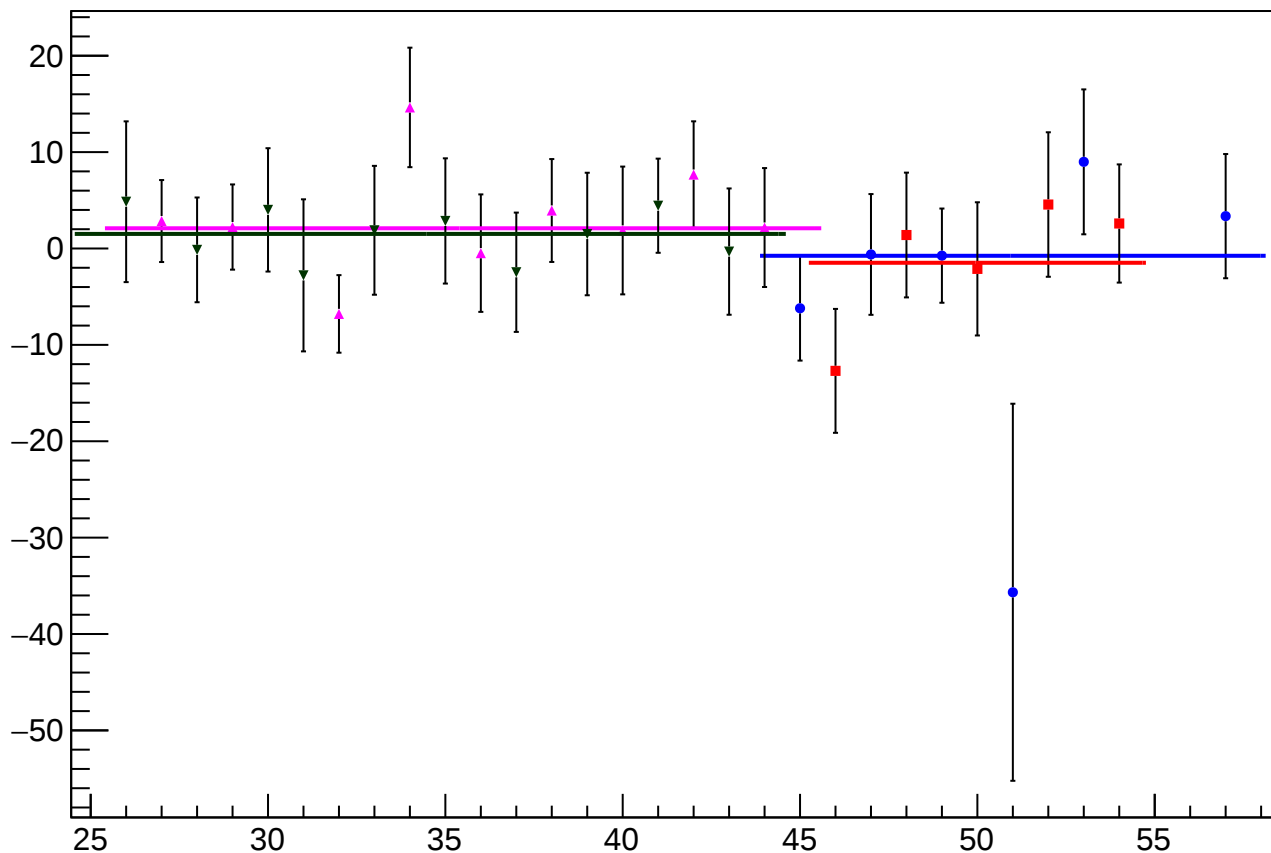
Right Out: 22.029+/-0.009 χ^2/NDF : 65649.9/5

Left In: 22.378+/-0.007 χ^2/NDF : 220187.8/8

22.857+/-0.006 χ^2/NDF : 253274.2/15

22.255+/-0.005 χ^2/NDF : 286786.3/14

diff_bpm12X_mean vs slug



Right In: -0.757 ± 2.621 χ^2/NDF : 6.3/5

Left Out: 1.512 ± 1.997 χ^2/NDF : 1.6/9

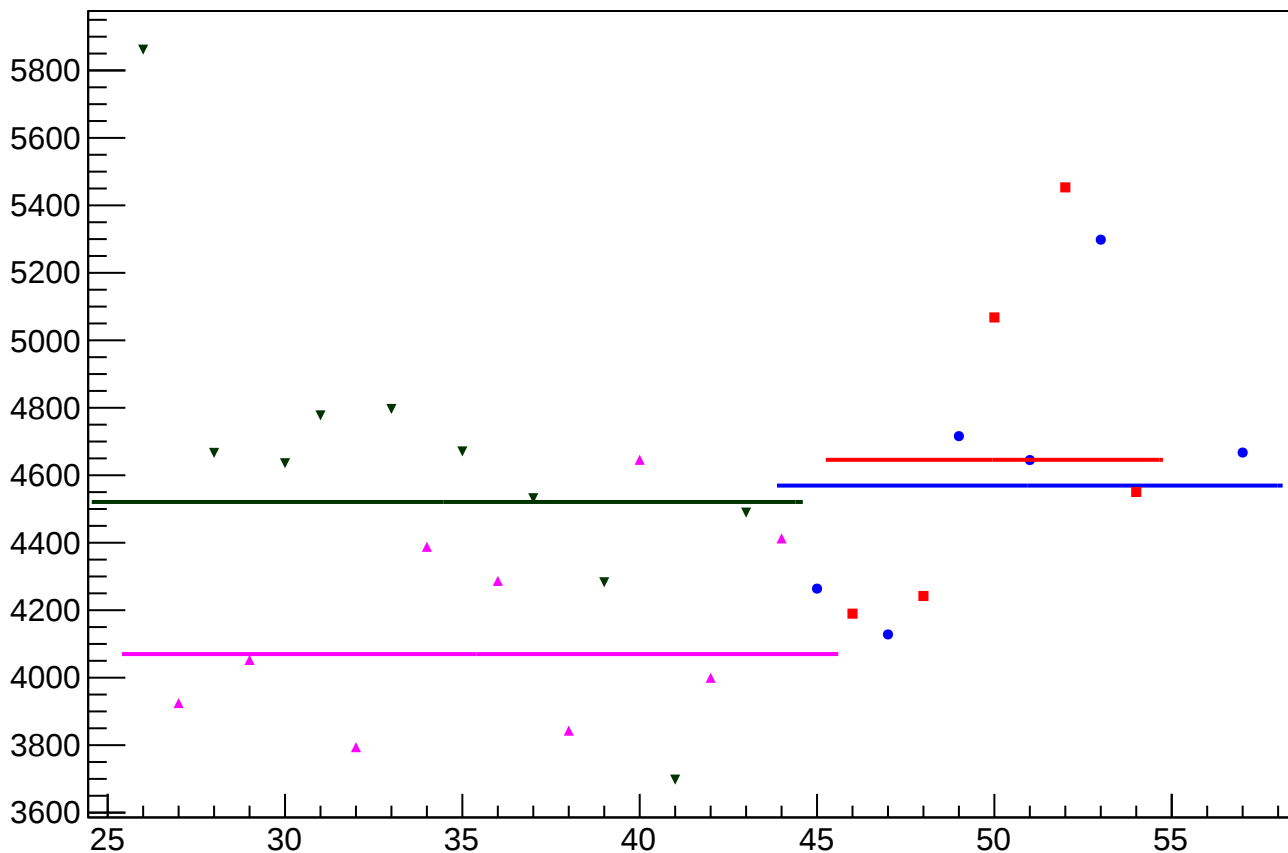
Right Out: -1.482 ± 2.970 χ^2/NDF : 4.3/4

Left In: 2.097 ± 1.720 χ^2/NDF : 10.3/8

0.679 ± 1.588 χ^2/NDF : 8.4/15

1.198 ± 1.488 χ^2/NDF : 15.7/13

diff_bpm12X_rms vs slug



Right In: 4569.401+/-1.853 χ^2/NDF : 37337.1/5

Left Out: 4520.844+/-1.412 χ^2/NDF :119990.0/9

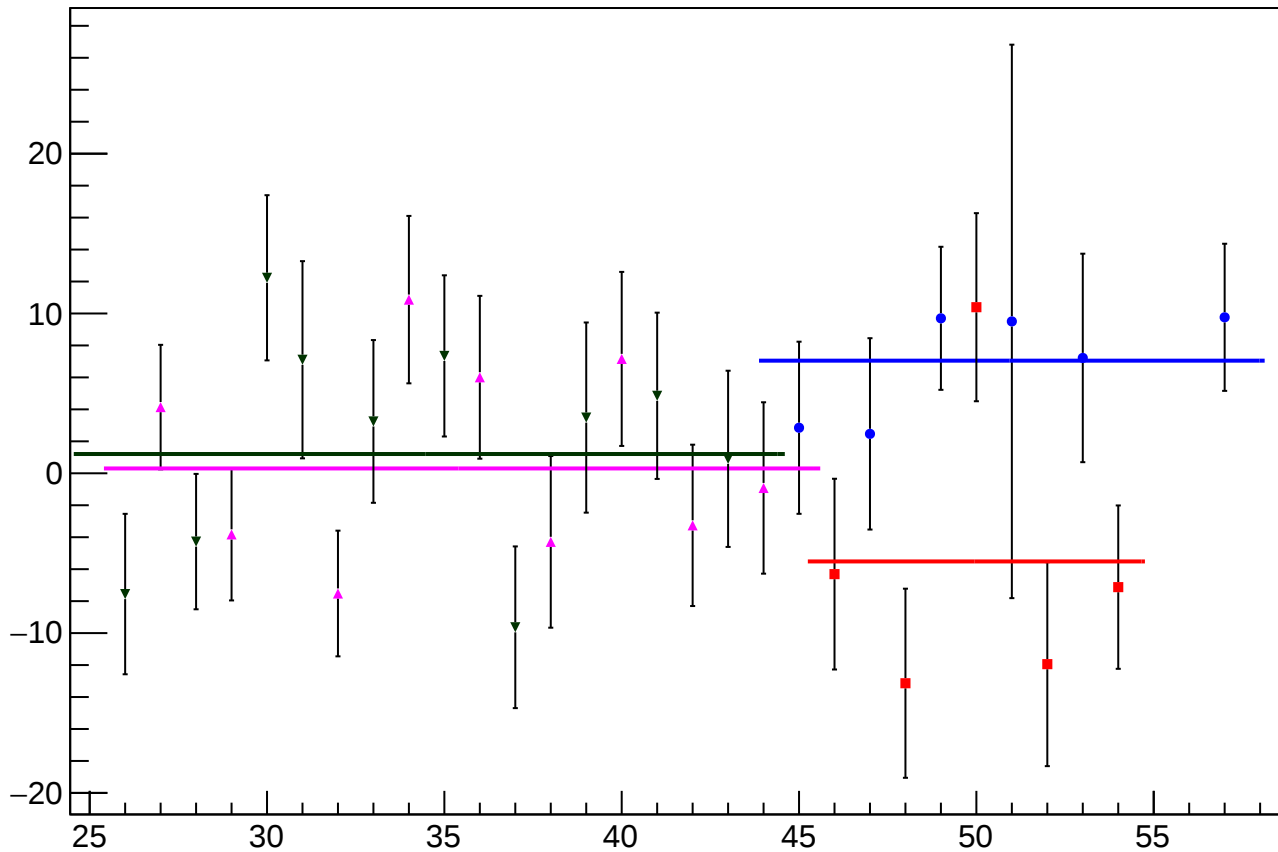
4538.678+/-1.123 χ^2/NDF : 157761.5/15

Right Out: 4645.822+/-2.100 χ^2/NDF : 48989.7/4

4214.601+/-1.052 χ^2/NDF : 150082.4/13

Left In: 4069.946+/-1.216 χ^2/NDF :44773.6/8

diff_bpm12Y_mean vs slug



Right In: 7.048 ± 2.317 $\chi^2/\text{NDF}: 1.9/5$

Left Out: 1.206 ± 1.635 $\chi^2/\text{NDF}: 17.1/9$

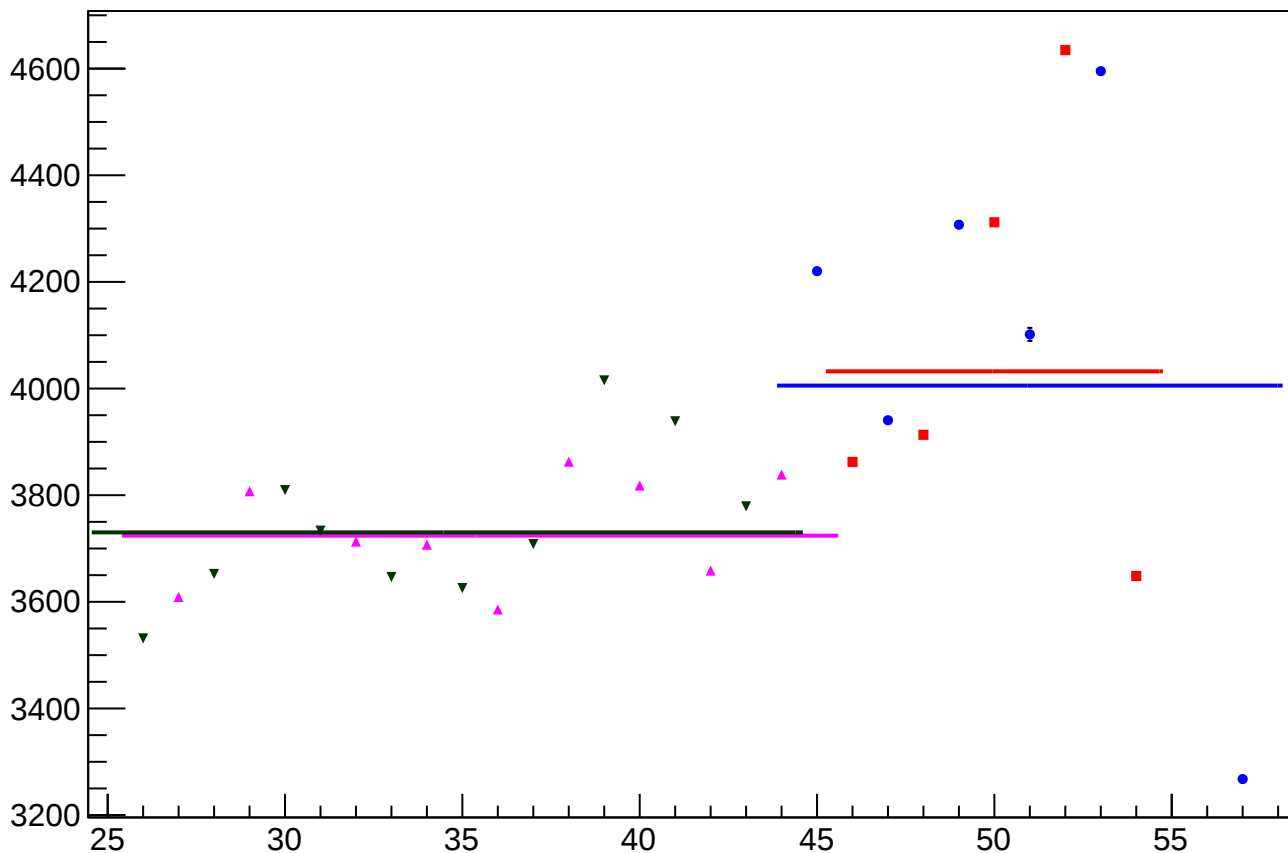
Right Out: -5.516 ± 2.596 $\chi^2/\text{NDF}: 10.1/4$

Left In: 0.303 ± 1.568 $\chi^2/\text{NDF}: 14.1/8$

3.148 ± 1.336 $\chi^2/\text{NDF}: 23.2/15$

-1.253 ± 1.343 $\chi^2/\text{NDF}: 27.9/13$

diff_bpm12Y_rms vs slug



Right In: 4005.557+/-1.638 χ^2/NDF : 80306.4/5

Left Out: 3730.233+/-1.156 χ^2/NDF :13673.0/9

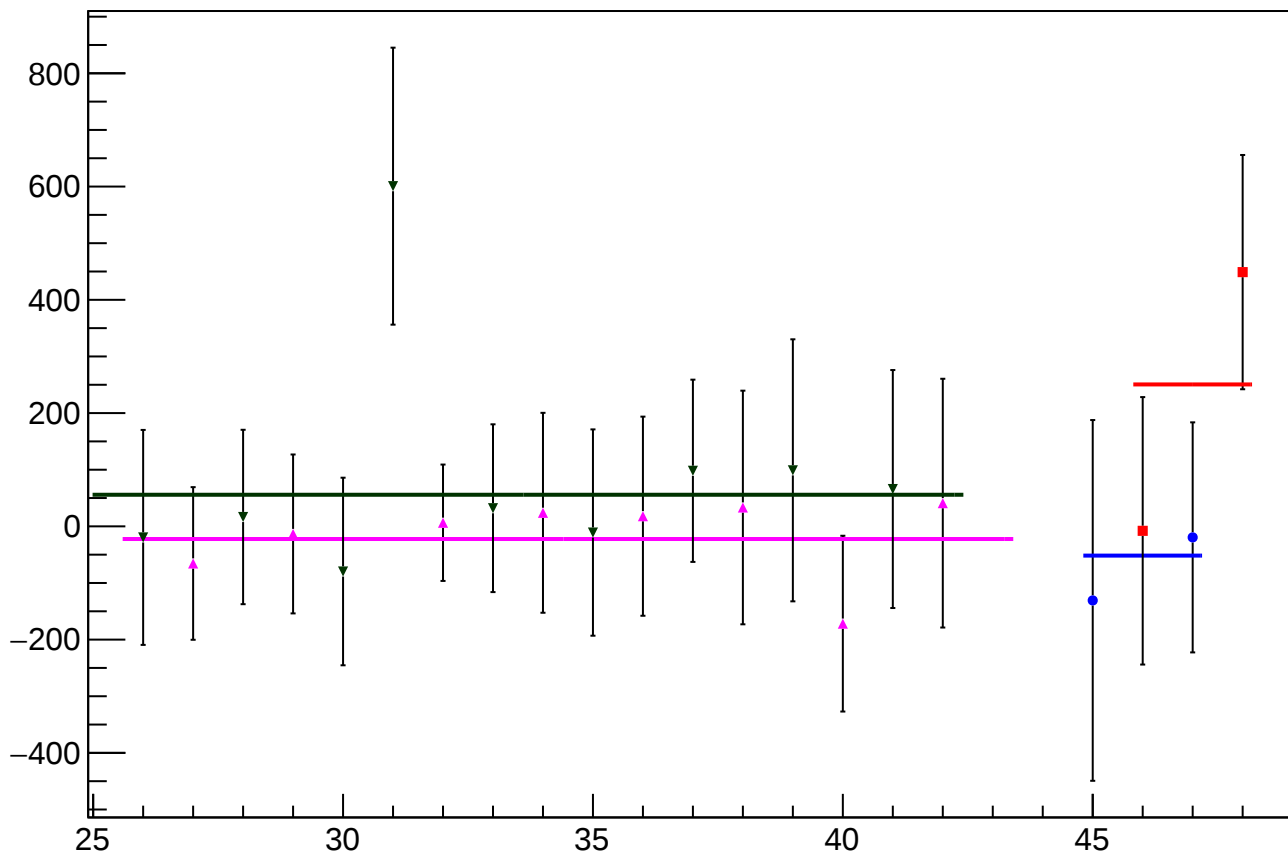
Right Out: 4032.299+/-1.836 χ^2/NDF : 36043.4/4

Left In: 3724.165+/-1.109 χ^2/NDF :7252.6/8

3821.761+/-0.944 χ^2/NDF : 112837.9/15

3806.545+/-0.949 χ^2/NDF : 63933.2/13

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.659 ± 171.258 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 55.788 ± 59.892 $\chi^2/\text{NDF}: 6.1/8$

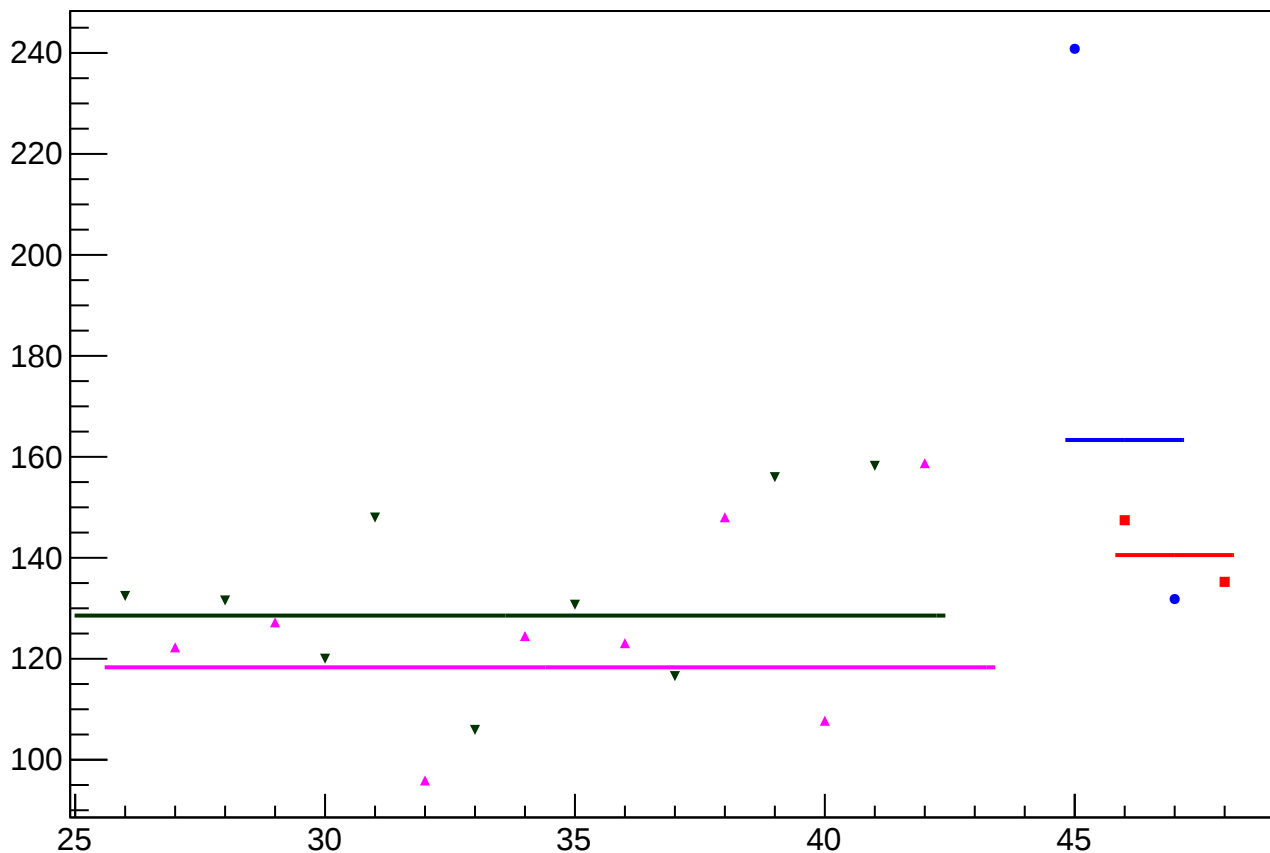
Right Out: 250.594 ± 155.594 $\chi^2/\text{NDF}: 2.1/1$

Left In: -22.351 ± 53.393 $\chi^2/\text{NDF}: 1.4/7$

44.079 ± 56.535 $\chi^2/\text{NDF}: 6.6/10$

6.403 ± 50.502 $\chi^2/\text{NDF}: 6.3/9$

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 163.340 $\pm$ 0.121 χ^2 /NDF: 166487.1/1

Left Out: 128.560 $\pm$ 0.042 χ^2 /NDF: 145575.3/8

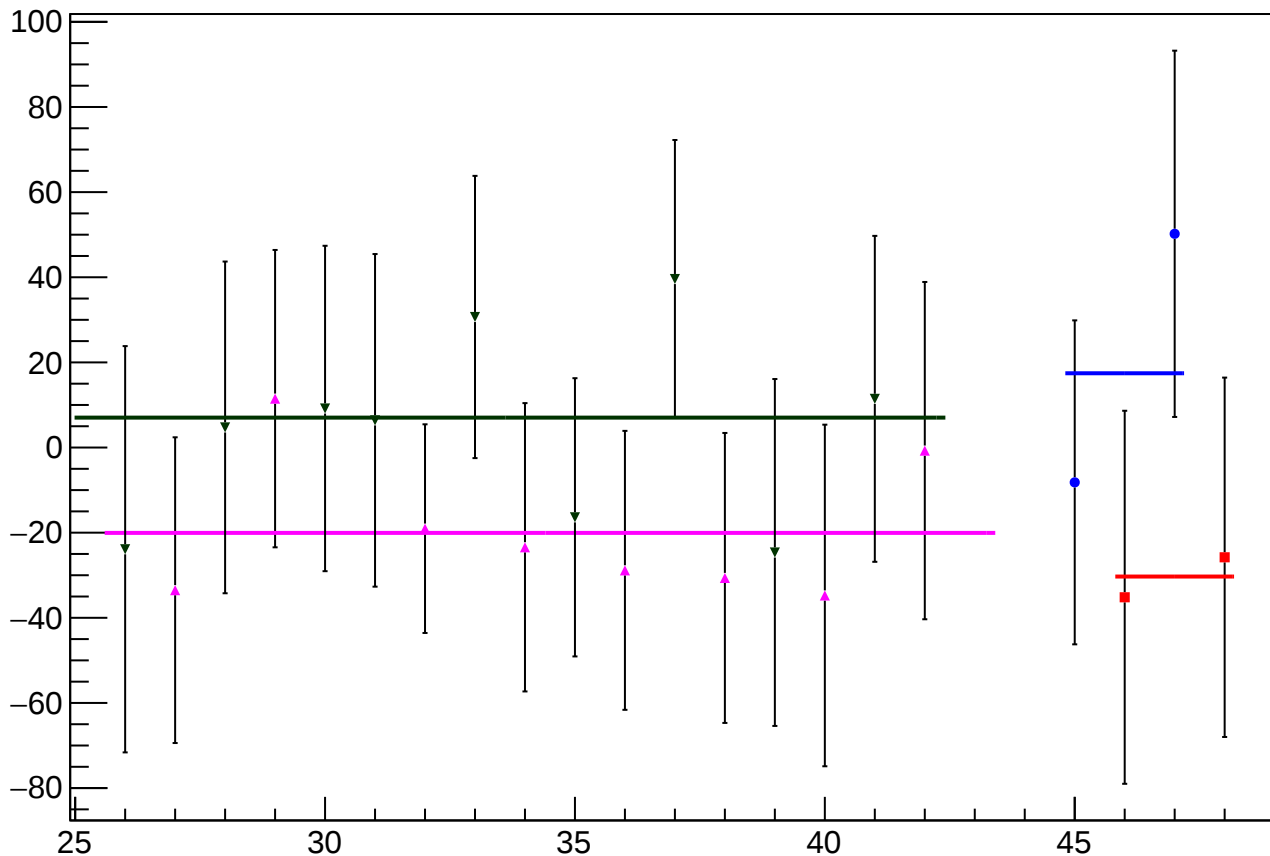
Right Out: 140.541 $\pm$ 0.110 χ^2 /NDF: 3022.7/1

Left In: 118.311 $\pm$ 0.038 χ^2 /NDF: 227483.3/7

132.350 $\pm$ 0.040 χ^2 /NDF: 385559.7/10

120.652 $\pm$ 0.036 χ^2 /NDF: 267030.1/9

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 17.447 $\pm$ 28.504 χ^2 /NDF: 1.0/1

Left Out: 7.028 $\pm$ 12.398 χ^2 /NDF:3.1/8

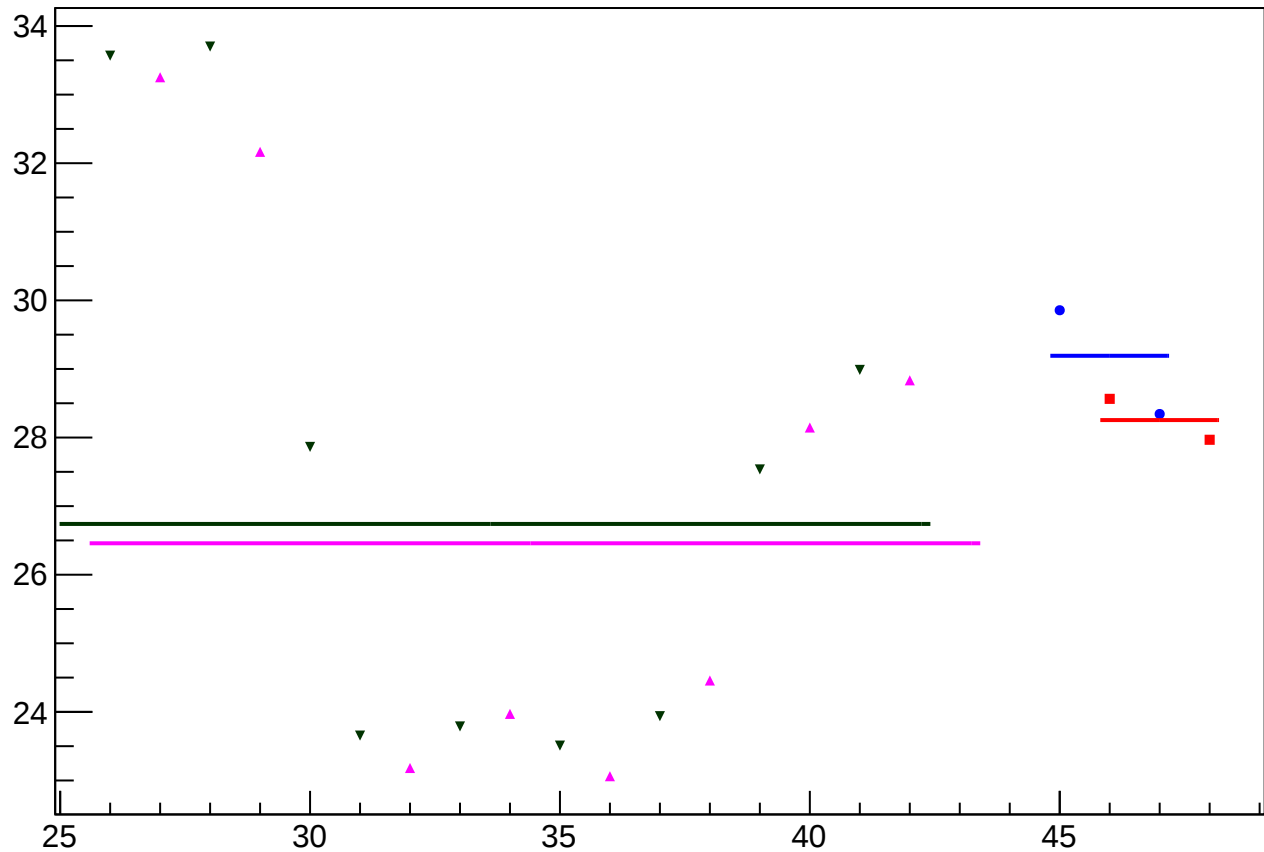
Right Out: -30.306 $\pm$ 30.400 χ^2 /NDF: 0.0/1

Left In: -20.053 $\pm$ 11.799 χ^2 /NDF:1.5/7

8.686 $\pm$ 11.369 χ^2 /NDF: 4.2/10

-21.395 $\pm$ 10.999 χ^2 /NDF: 1.6/9

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.192 $\pm$ 0.020 χ^2/NDF : 1387.3/1

Left Out: 26.740 $\pm$ 0.009 χ^2/NDF : 176771.5/8

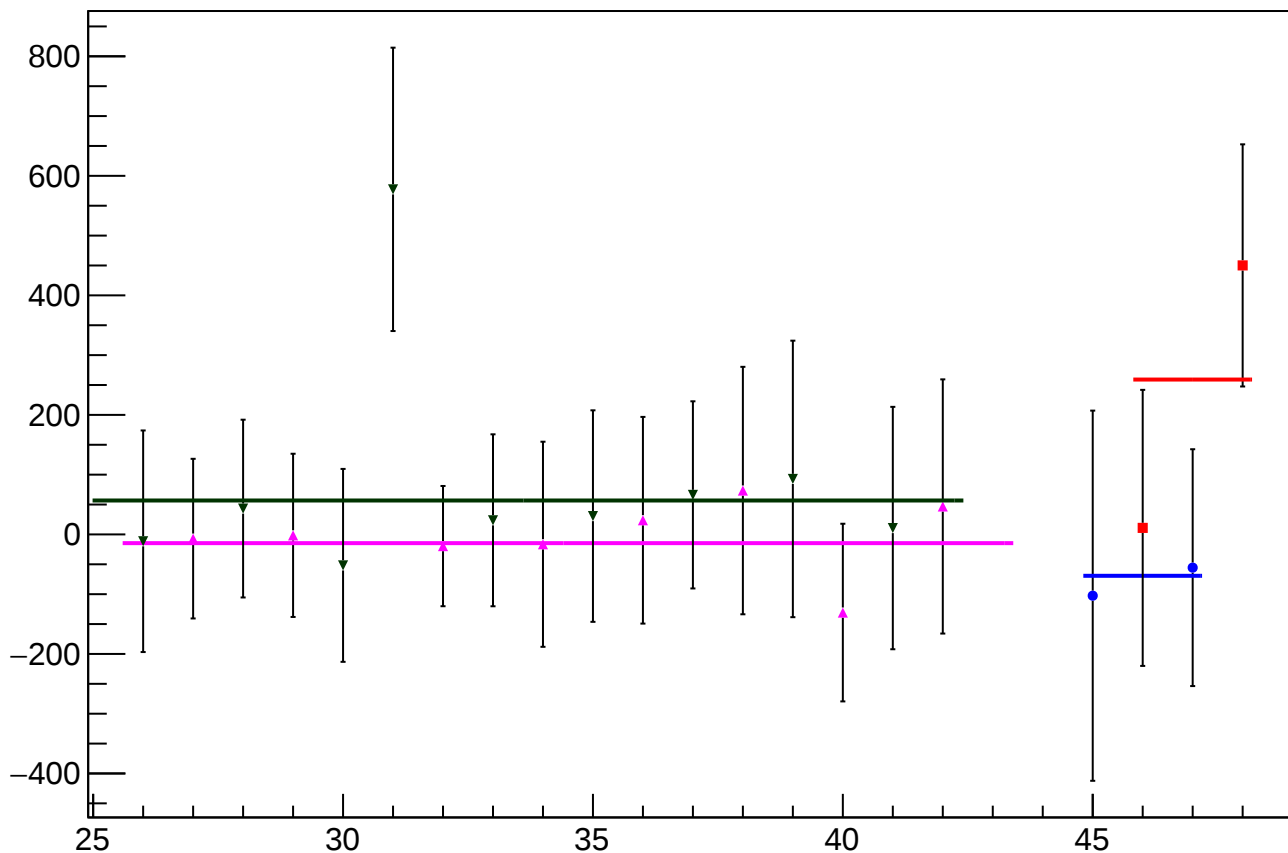
Right Out: 28.255 $\pm$ 0.021 χ^2/NDF : 192.3/1

Left In: 26.458 $\pm$ 0.008 χ^2/NDF : 210657.2/7

27.130 $\pm$ 0.008 χ^2/NDF : 190601.8/10

26.693 $\pm$ 0.008 χ^2/NDF : 216919.2/9

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -69.249 $\pm$ 166.910 χ^2/NDF : 0.0/1

Left Out: 56.763 $\pm$ 58.268 χ^2/NDF : 5.6/8

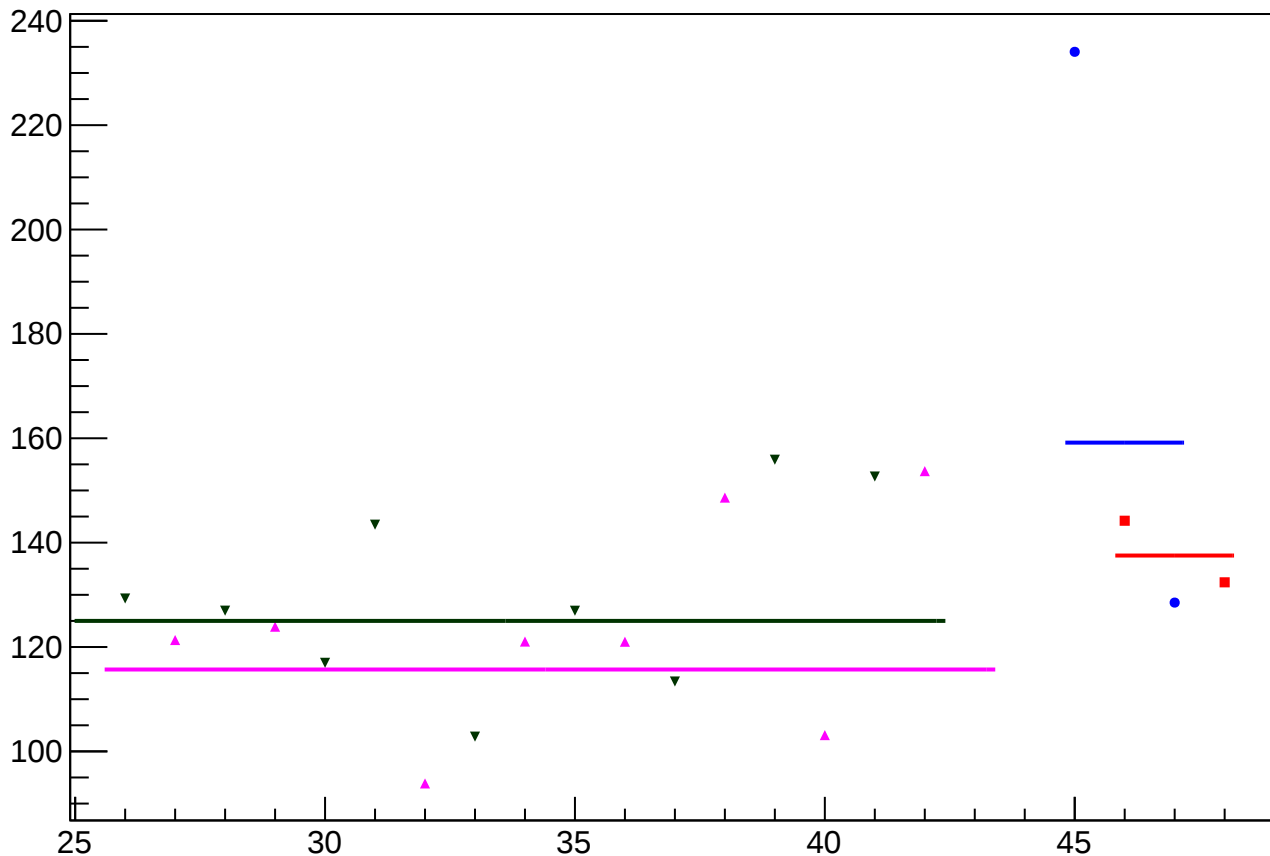
Right Out: 259.134 $\pm$ 152.302 χ^2/NDF : 2.0/1

Left In: -14.603 $\pm$ 52.227 χ^2/NDF : 0.9/7

43.074 $\pm$ 55.012 χ^2/NDF : 6.1/10

14.199 $\pm$ 49.403 χ^2/NDF : 5.9/9

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 159.167+/-0.118 χ^2/NDF : 164807.4/1

Left Out: 125.005+/-0.041 χ^2/NDF : 150125.6/8

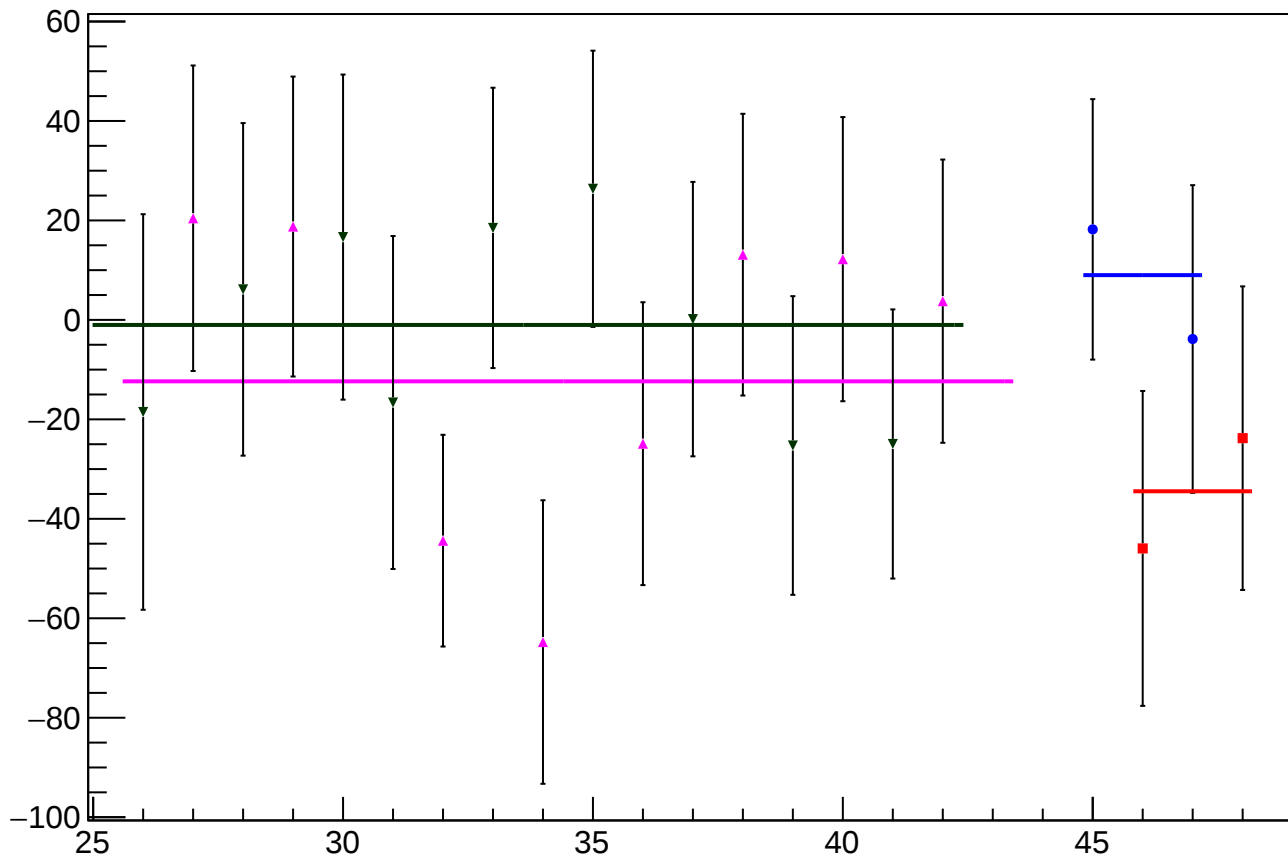
Right Out: 137.529+/-0.108 χ^2/NDF : 2951.2/1

Left In: 115.690+/-0.037 χ^2/NDF : 237670.3/7

128.716+/-0.039 χ^2/NDF : 389614.7/10

117.988+/-0.035 χ^2/NDF : 277418.6/9

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 8.999 $\pm$ 19.988 χ^2 /NDF: 0.3/1

Left Out: -1.017 $\pm$ 10.154 χ^2 /NDF: 3.6/8

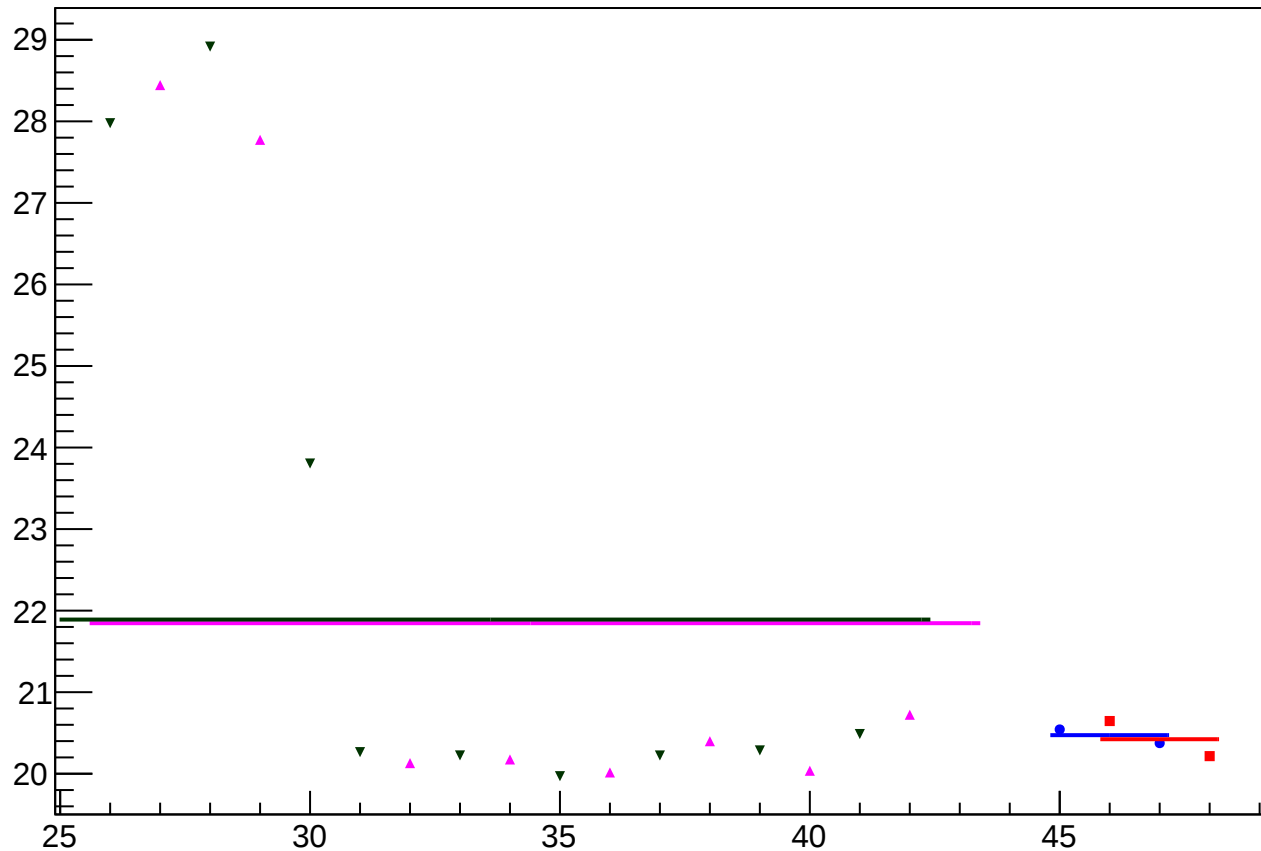
Right Out: -34.463 $\pm$ 21.974 χ^2 /NDF: 0.3/1

Left In: -12.356 $\pm$ 9.741 χ^2 /NDF: 9.9/7

1.038 $\pm$ 9.053 χ^2 /NDF: 4.1/10

-15.987 $\pm$ 8.906 χ^2 /NDF: 11.0/9

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.473+/-0.014 χ^2/NDF : 34.2/1

Left Out: 21.890+/-0.007 χ^2/NDF : 181663.5/8

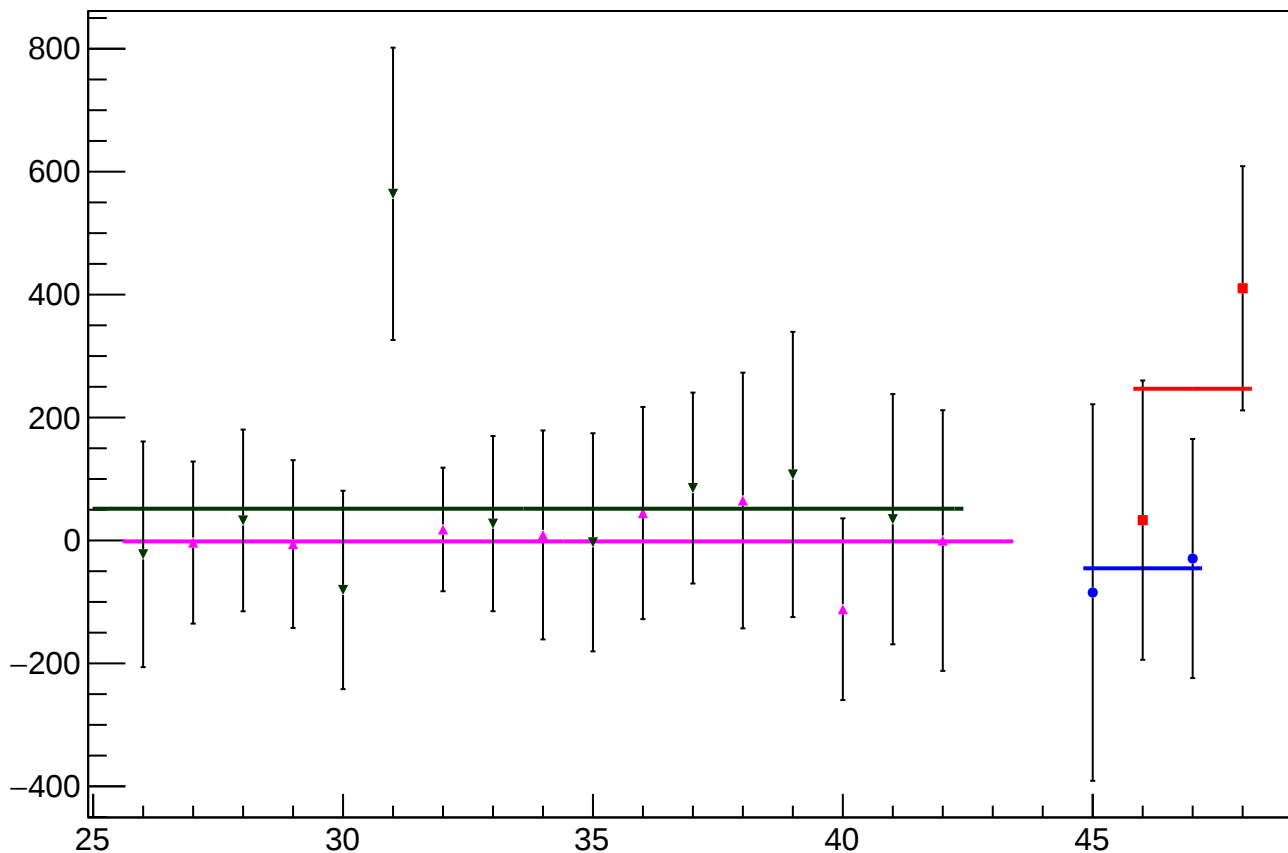
21.600+/-0.006 χ^2/NDF : 189692.5/10

Right Out: 20.423+/-0.016 χ^2/NDF : 191.7/1

21.612+/-0.006 χ^2/NDF : 221251.2/9

Left In: 21.846+/-0.007 χ^2/NDF : 214051.0/7

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -45.292 $\pm$ 164.195 χ^2 /NDF: 0.0/1

Left Out: 51.653 $\pm$ 58.058 χ^2 /NDF: 5.7/8

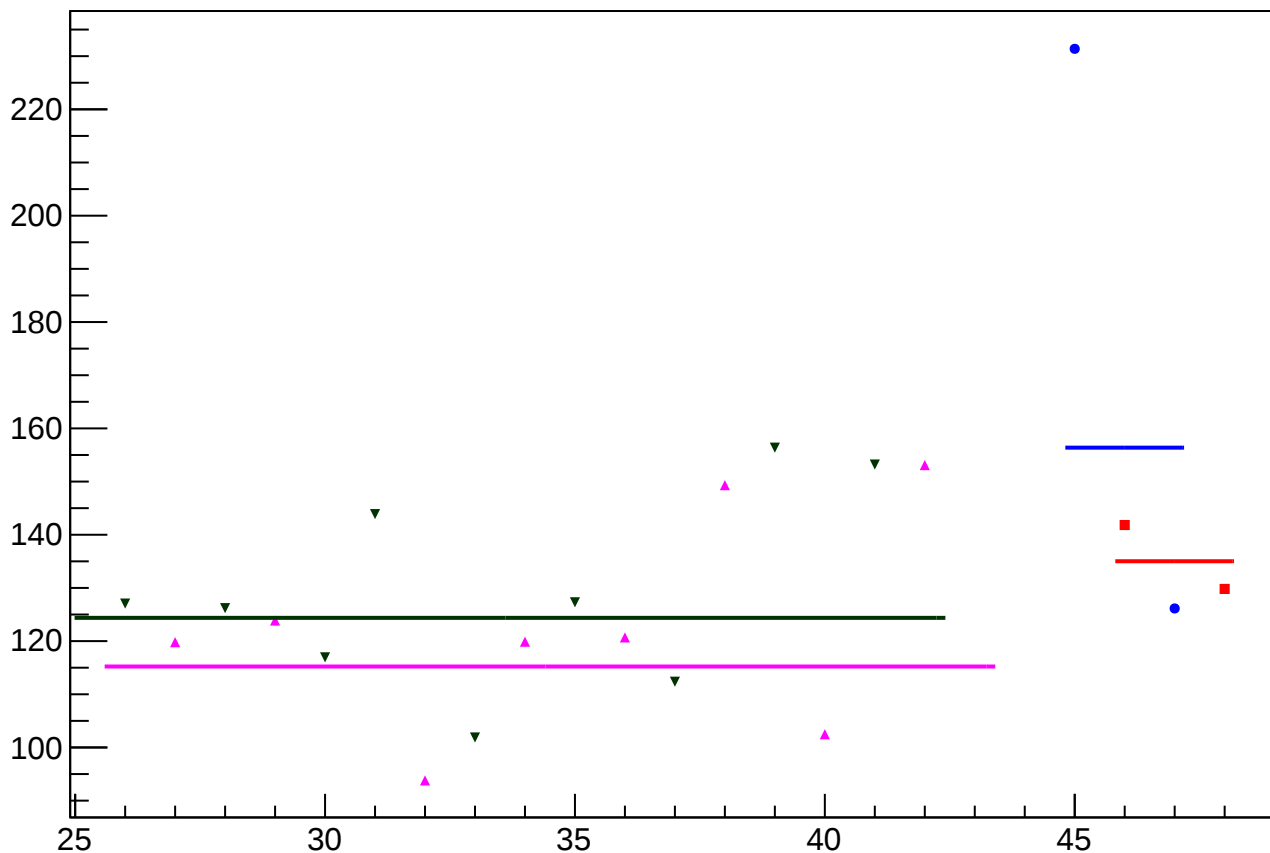
Right Out: 246.855 $\pm$ 149.551 χ^2 /NDF: 1.6/1

Left In: -1.485 $\pm$ 52.029 χ^2 /NDF: 0.8/7

40.879 $\pm$ 54.737 χ^2 /NDF: 6.1/10

25.328 $\pm$ 49.140 χ^2 /NDF: 4.8/9

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 156.380 $\pm$ 0.116 χ^2 /NDF: 168243.8/1

Left Out: 124.375 $\pm$ 0.041 χ^2 /NDF:158935.2/8

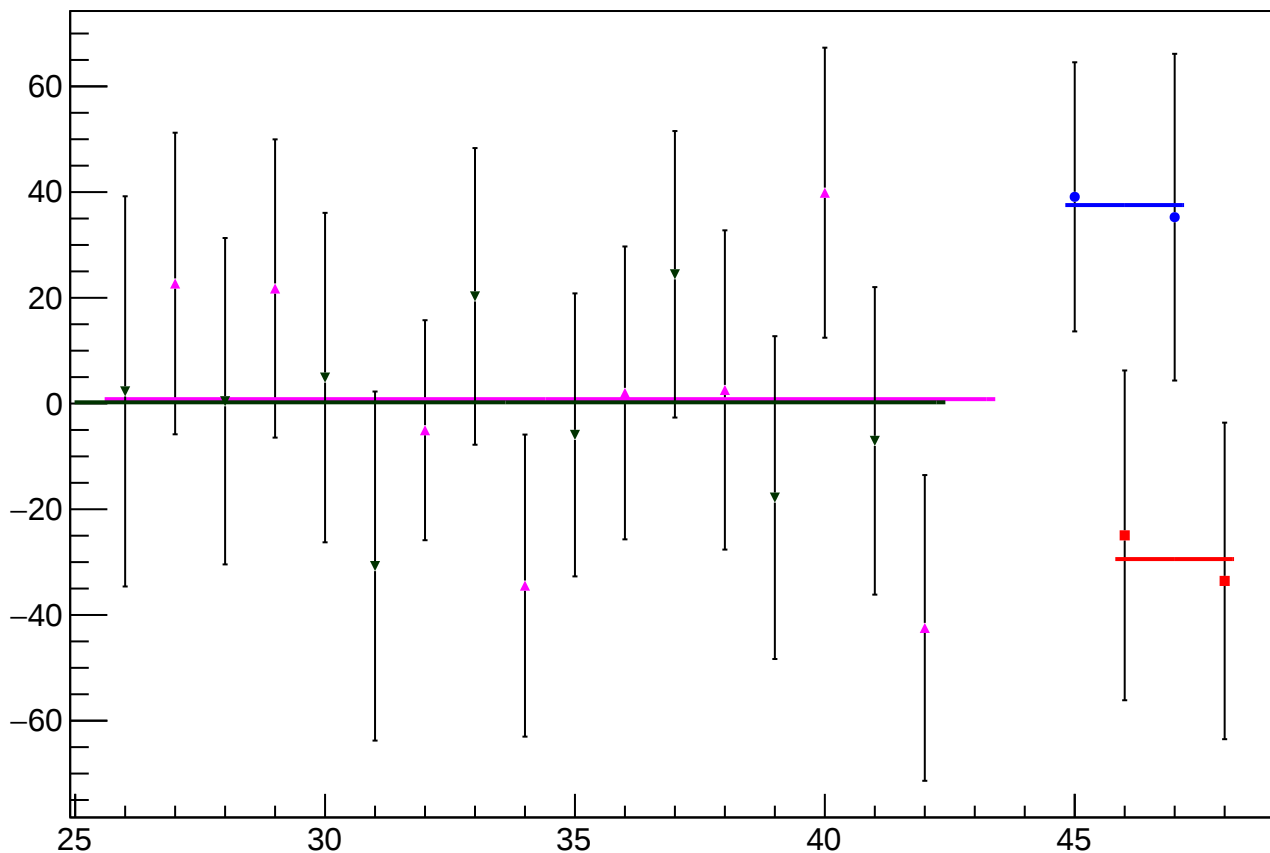
Right Out: 135.019 $\pm$ 0.106 χ^2 /NDF: 3170.2/1

Left In: 115.224 $\pm$ 0.037 χ^2 /NDF:237198.7/7

127.932 $\pm$ 0.039 χ^2 /NDF: 394720.8/10

117.361 $\pm$ 0.035 χ^2 /NDF: 271625.9/9

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.547+/-19.649 χ^2/NDF : 0.0/1

Left Out: 0.232+/-9.994 χ^2/NDF : 2.7/8

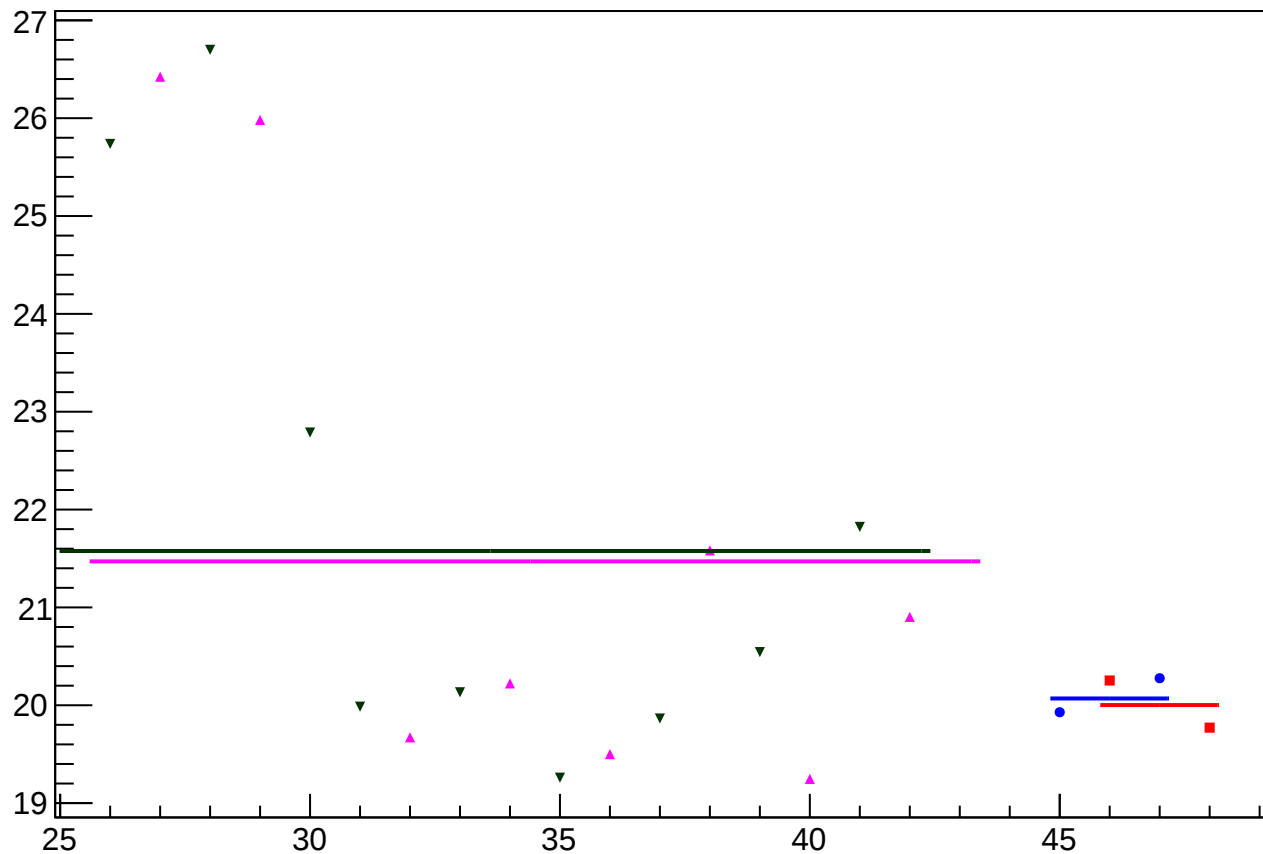
7.902+/-8.908 χ^2/NDF : 5.6/10

Right Out: -29.423+/-21.601 χ^2/NDF : 0.0/1

-4.125+/-8.742 χ^2/NDF : 8.7/9

Left In: 0.830+/-9.559 χ^2/NDF : 7.0/7

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.069 $\pm$ 0.014 χ^2 /NDF: 150.7/1

Left Out: 21.577 $\pm$ 0.007 χ^2 /NDF: 118812.1/8

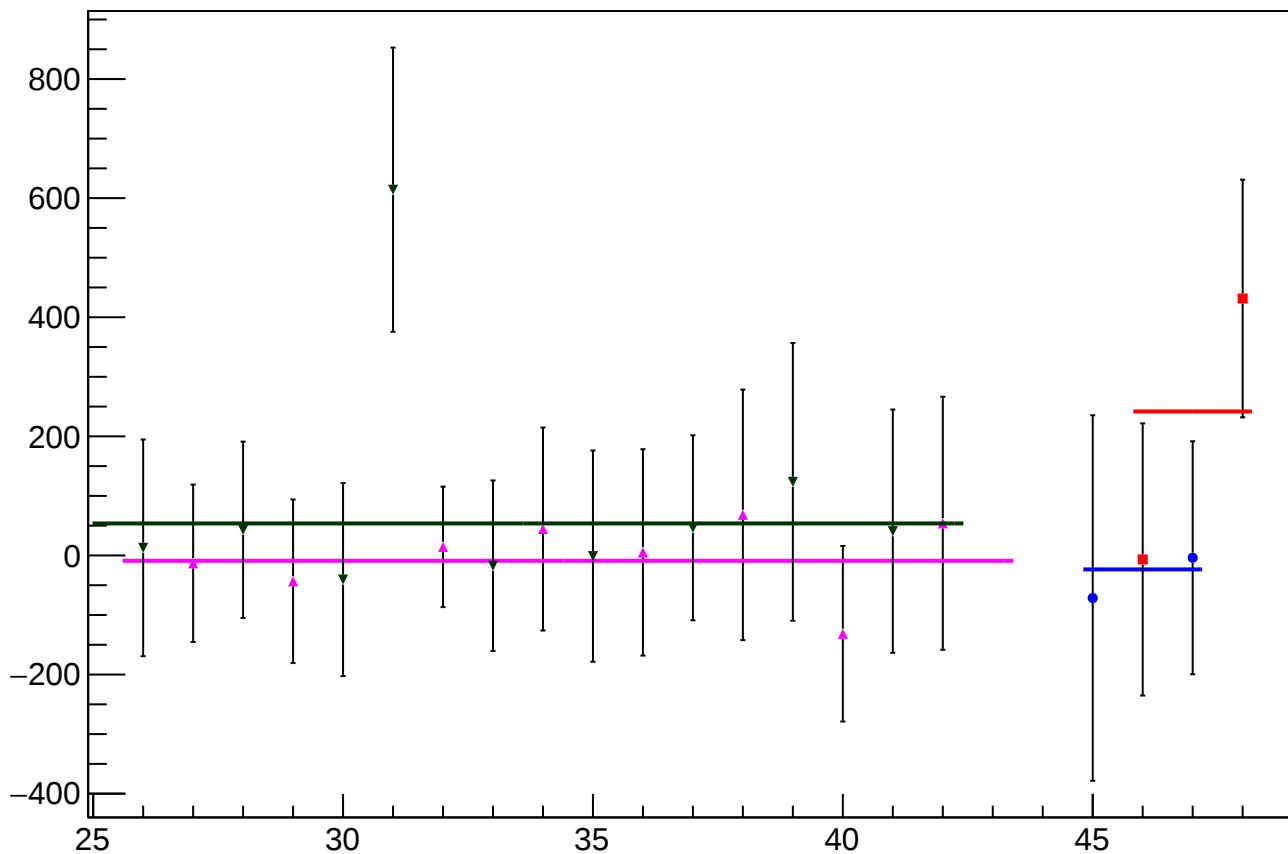
Right Out: 20.002 $\pm$ 0.015 χ^2 /NDF: 248.4/1

Left In: 21.471 $\pm$ 0.007 χ^2 /NDF: 154241.5/7

21.267 $\pm$ 0.006 χ^2 /NDF: 128313.3/10

21.230 $\pm$ 0.006 χ^2 /NDF: 162220.1/9

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -23.439 $\pm$ 164.981 χ^2/NDF : 0.0/1

Left Out: 53.739 $\pm$ 58.143 χ^2/NDF : 6.3/8

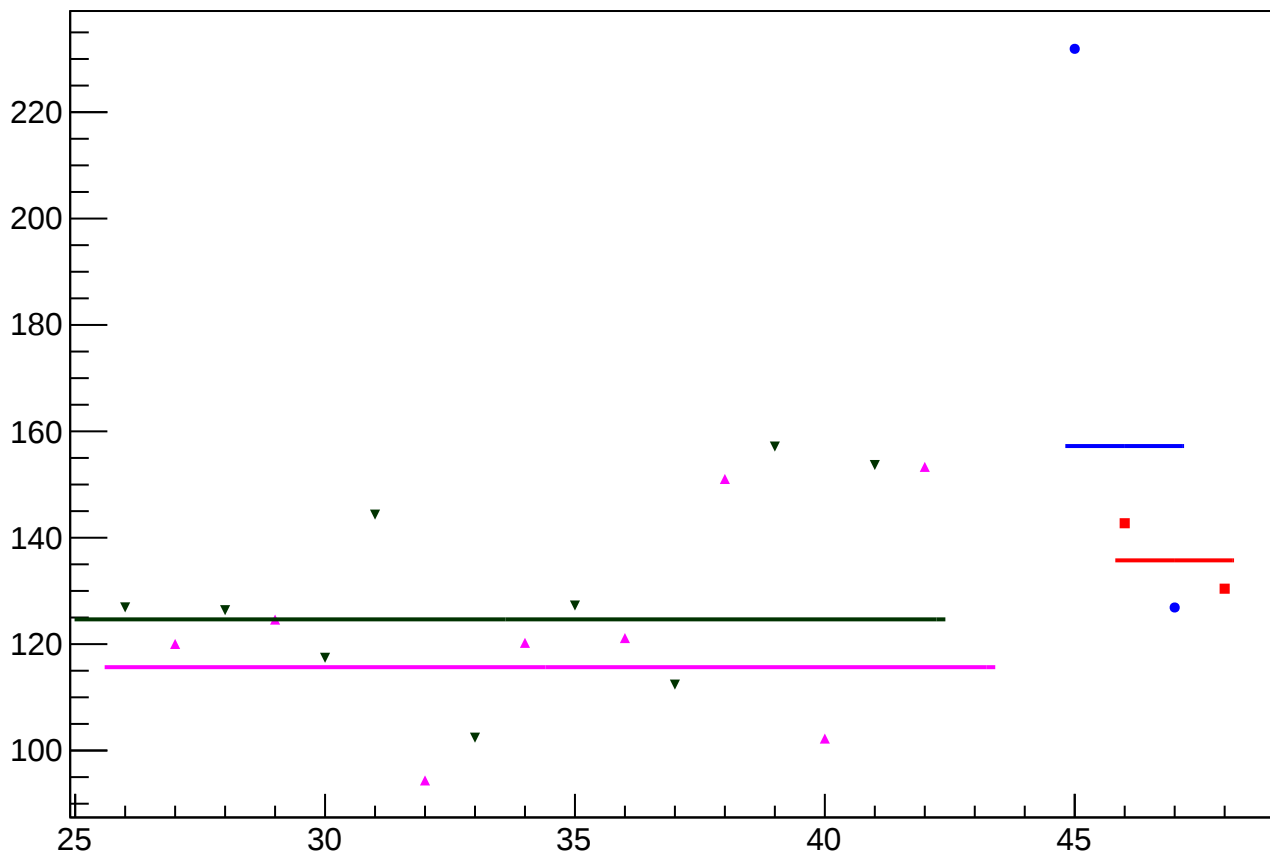
Right Out: 241.812 $\pm$ 150.311 χ^2/NDF : 2.1/1

Left In: -8.870 $\pm$ 52.228 χ^2/NDF : 1.1/7

45.213 $\pm$ 54.837 χ^2/NDF : 6.6/10

18.134 $\pm$ 49.334 χ^2/NDF : 5.7/9

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 157.236 $\pm$ 0.117 χ^2 /NDF: 166522.0/1

Left Out: 124.654 $\pm$ 0.041 χ^2 /NDF: 158453.5/8

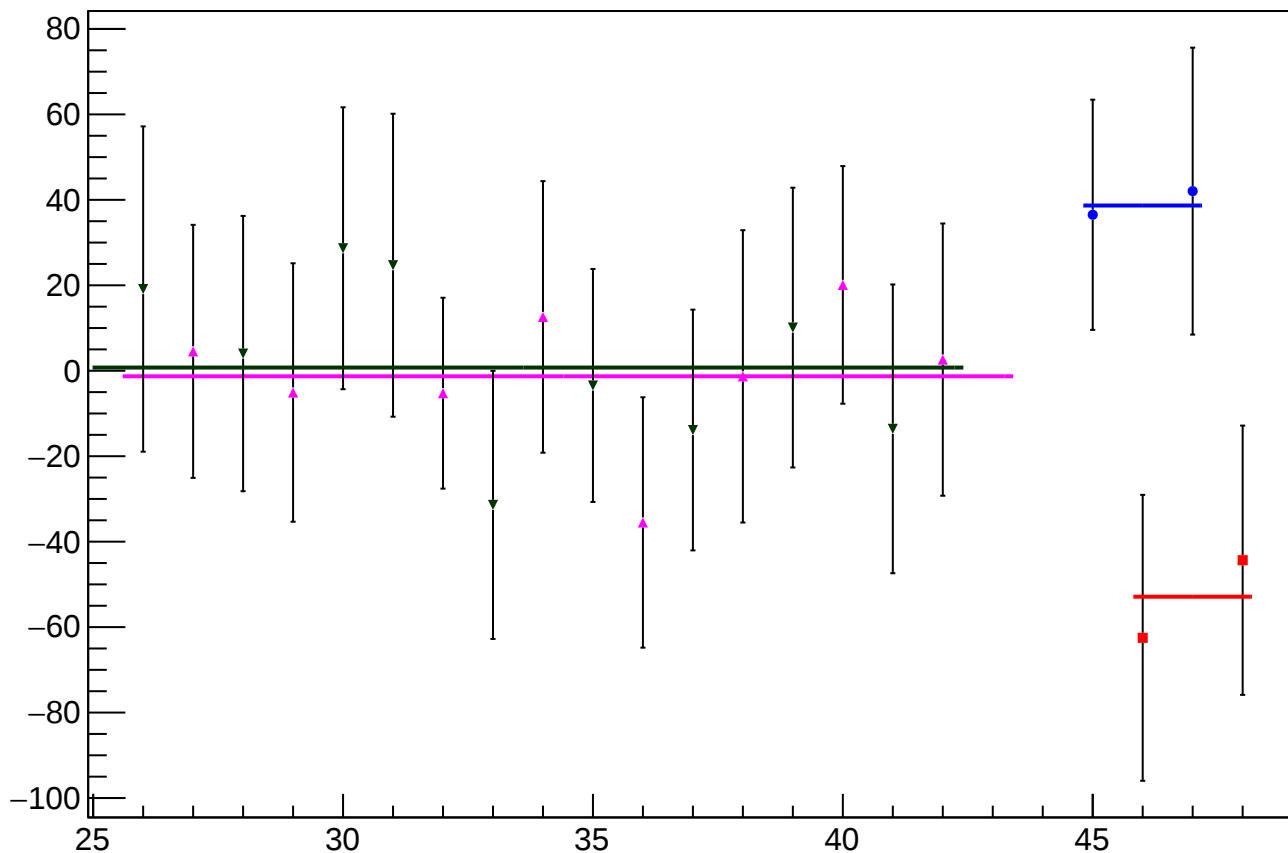
Right Out: 135.746 $\pm$ 0.106 χ^2 /NDF: 3289.9/1

Left In: 115.666 $\pm$ 0.037 χ^2 /NDF: 238759.2/7

128.254 $\pm$ 0.039 χ^2 /NDF: 394359.2/10

117.829 $\pm$ 0.035 χ^2 /NDF: 273895.5/9

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 38.675 $\pm$ 21.011 χ^2/NDF : 0.0/1

Left Out: 0.747 $\pm$ 10.661 χ^2/NDF : 3.0/8

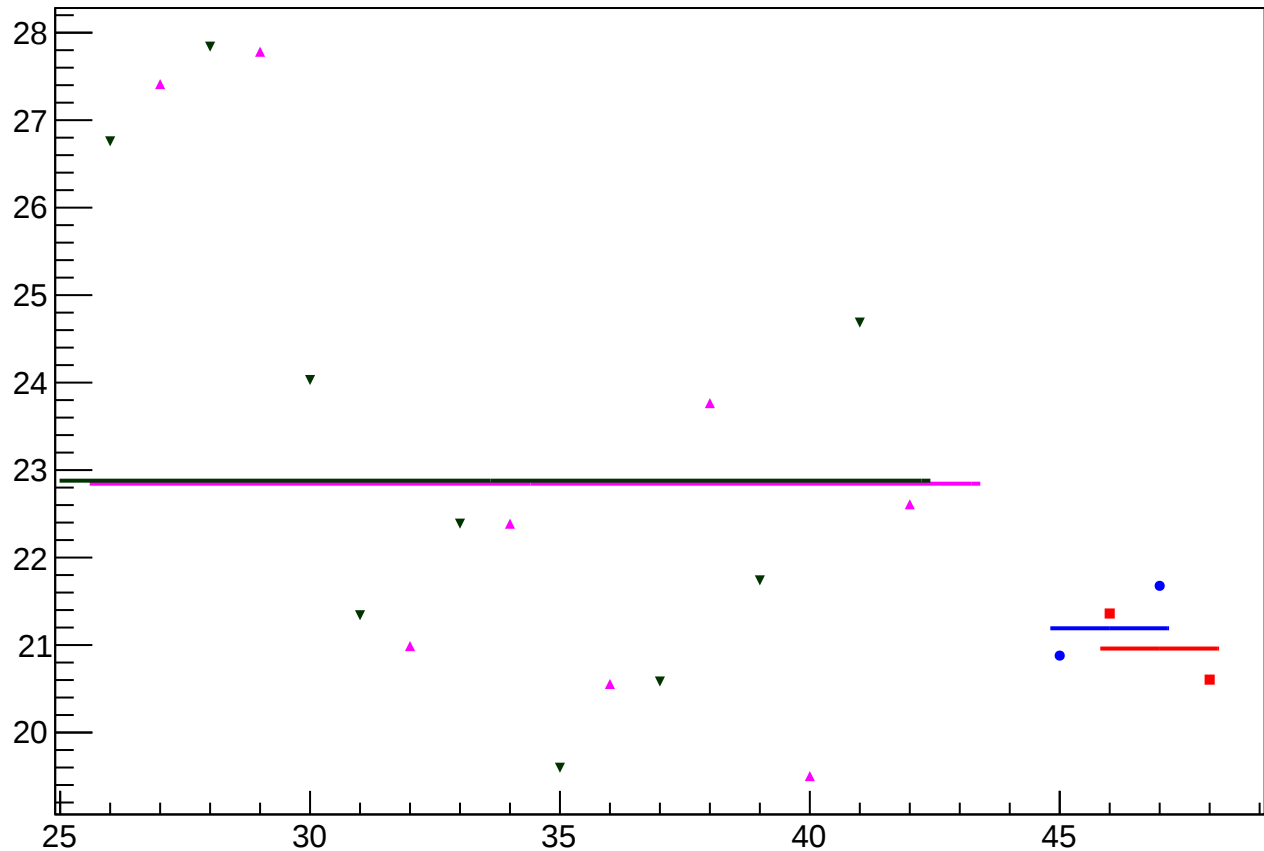
Right Out: -52.882 $\pm$ 22.940 χ^2/NDF : 0.2/1

Left In: -1.298 $\pm$ 10.246 χ^2/NDF : 2.2/7

8.513 $\pm$ 9.507 χ^2/NDF : 5.6/10

-9.877 $\pm$ 9.355 χ^2/NDF : 6.6/9

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.192 $\pm$ 0.015 χ^2 /NDF: 687.1/1

Left Out: 22.879 $\pm$ 0.008 χ^2 /NDF:125279.7/8

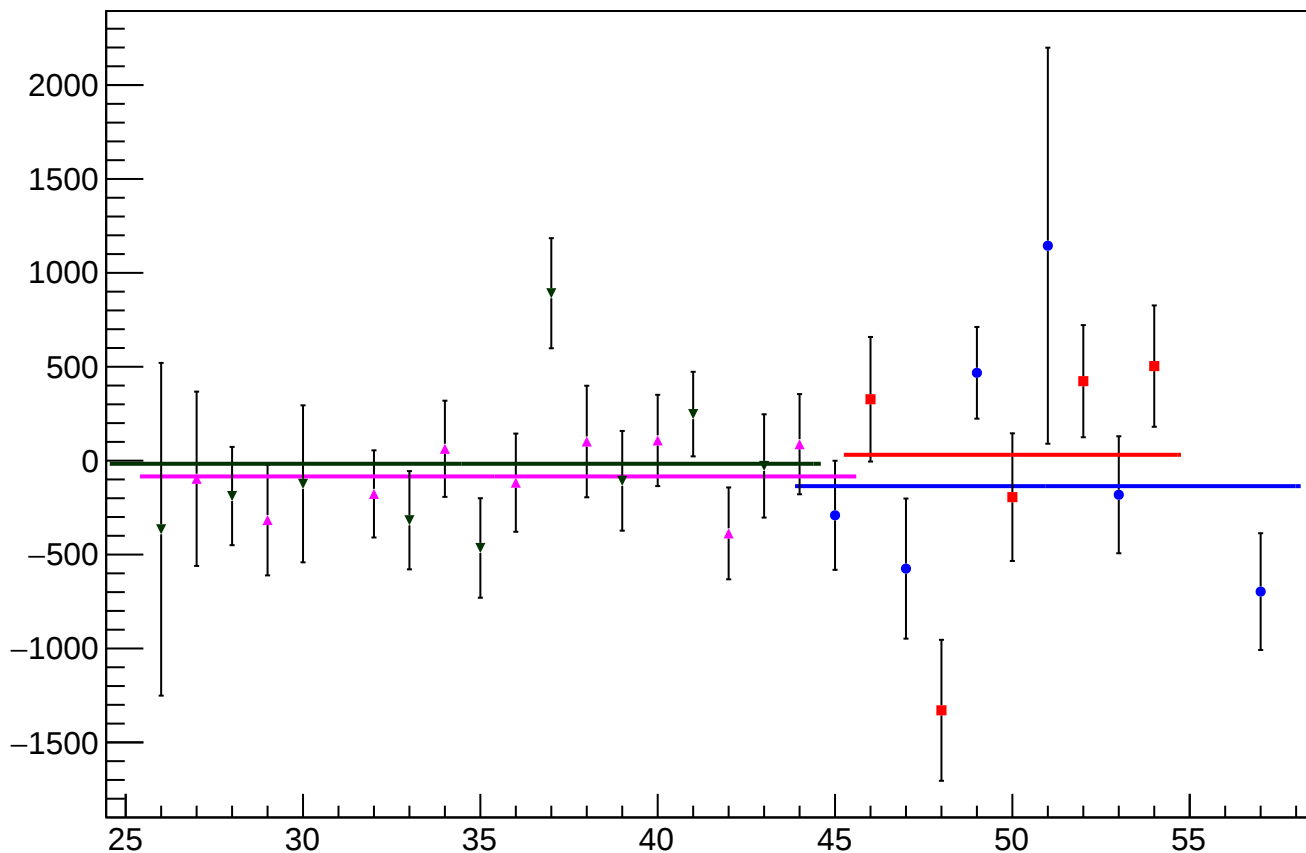
Right Out: 20.960 $\pm$ 0.016 χ^2 /NDF: 540.7/1

Left In: 22.845 $\pm$ 0.007 χ^2 /NDF:157790.8/7

22.533 $\pm$ 0.007 χ^2 /NDF: 136226.3/10

22.531 $\pm$ 0.007 χ^2 /NDF: 169585.5/9

asym_sam_15_avg_mean vs slug



Right In: -135.627+/-132.017 χ^2/NDF : 12.5/5

Left Out: -16.498+/-95.684 χ^2/NDF :15.9/8

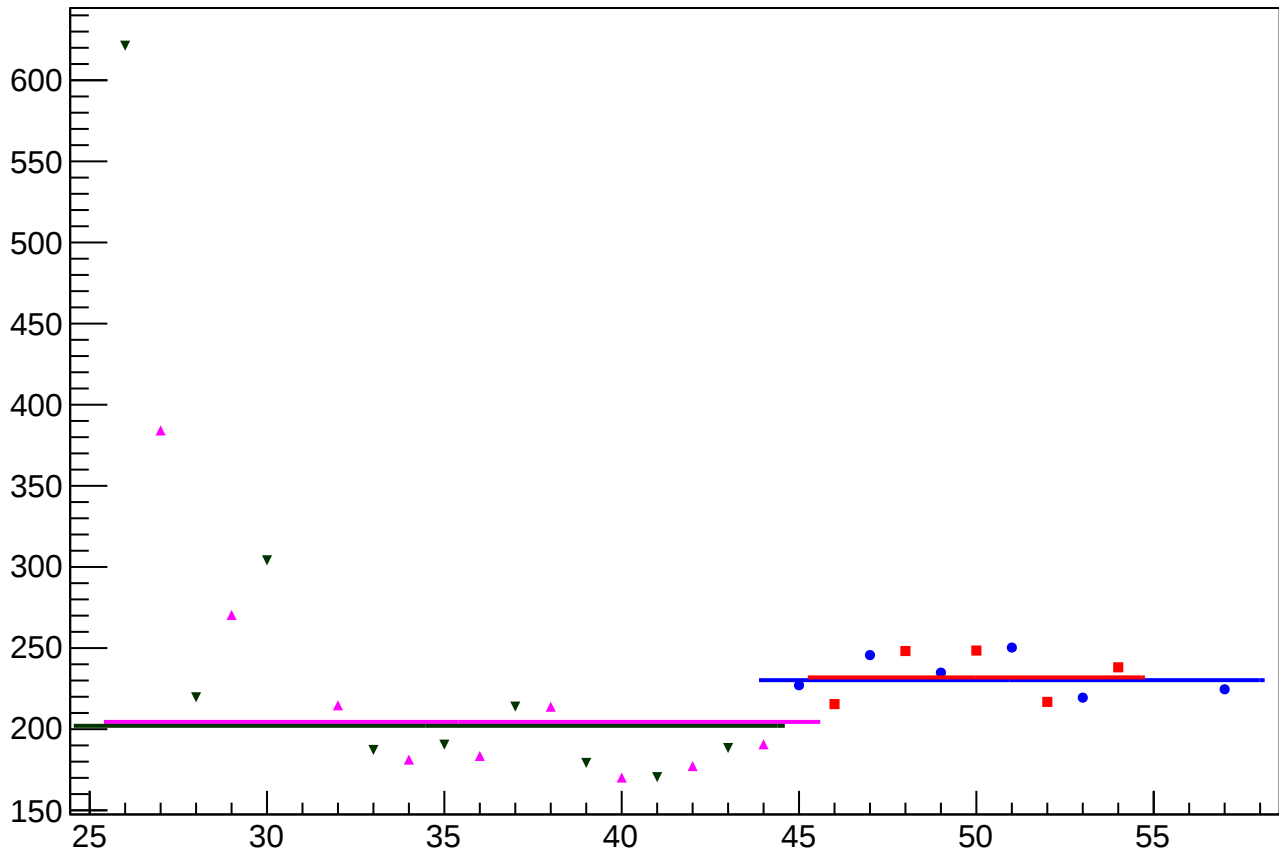
Right Out: 31.263+/-148.013 χ^2/NDF : 18.2/4

Left In: -83.982+/-89.928 χ^2/NDF :4.1/8

-57.526+/-77.475 χ^2/NDF : 29.0/14

-52.910+/-76.855 χ^2/NDF : 22.8/13

asym_sam_15_avg_rms vs slug



Right In: 230.225 ± 0.093 χ^2/NDF : 8172.3/5

Left Out: 202.088 ± 0.068 χ^2/NDF : 648842.0/8

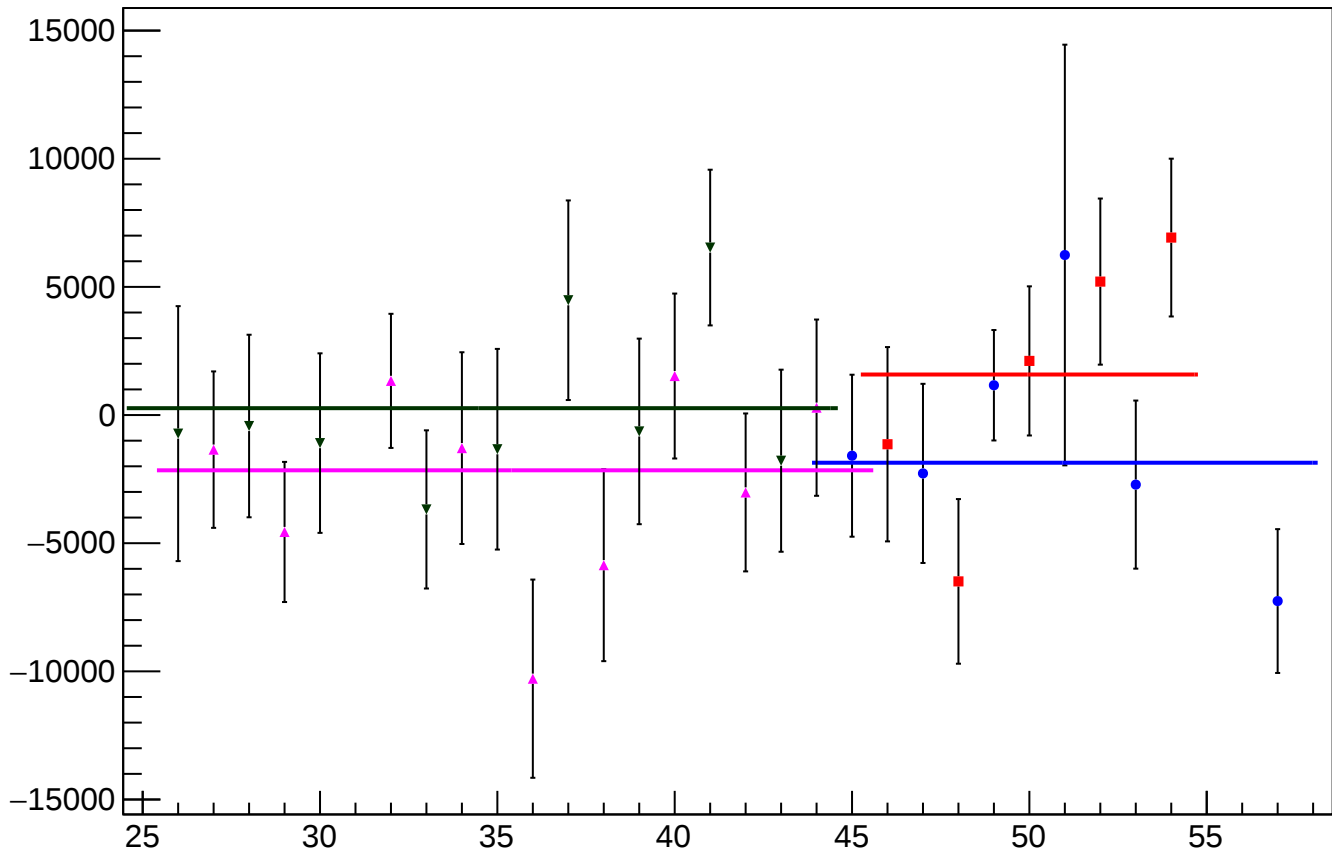
Right Out: 231.921 ± 0.105 χ^2/NDF : 19273.4/4

Left In: 204.496 ± 0.064 χ^2/NDF : 504865.3/8

211.778 ± 0.055 χ^2/NDF : 716577.1/14

211.890 ± 0.054 χ^2/NDF : 574290.3/13

asym_sam_26_avg_mean vs slug



Right In: -1860.404+/-1257.580 χ^2/NDF : 6.7/5

Left Out: 267.989+/-1194.389 χ^2/NDF : 7.9/8

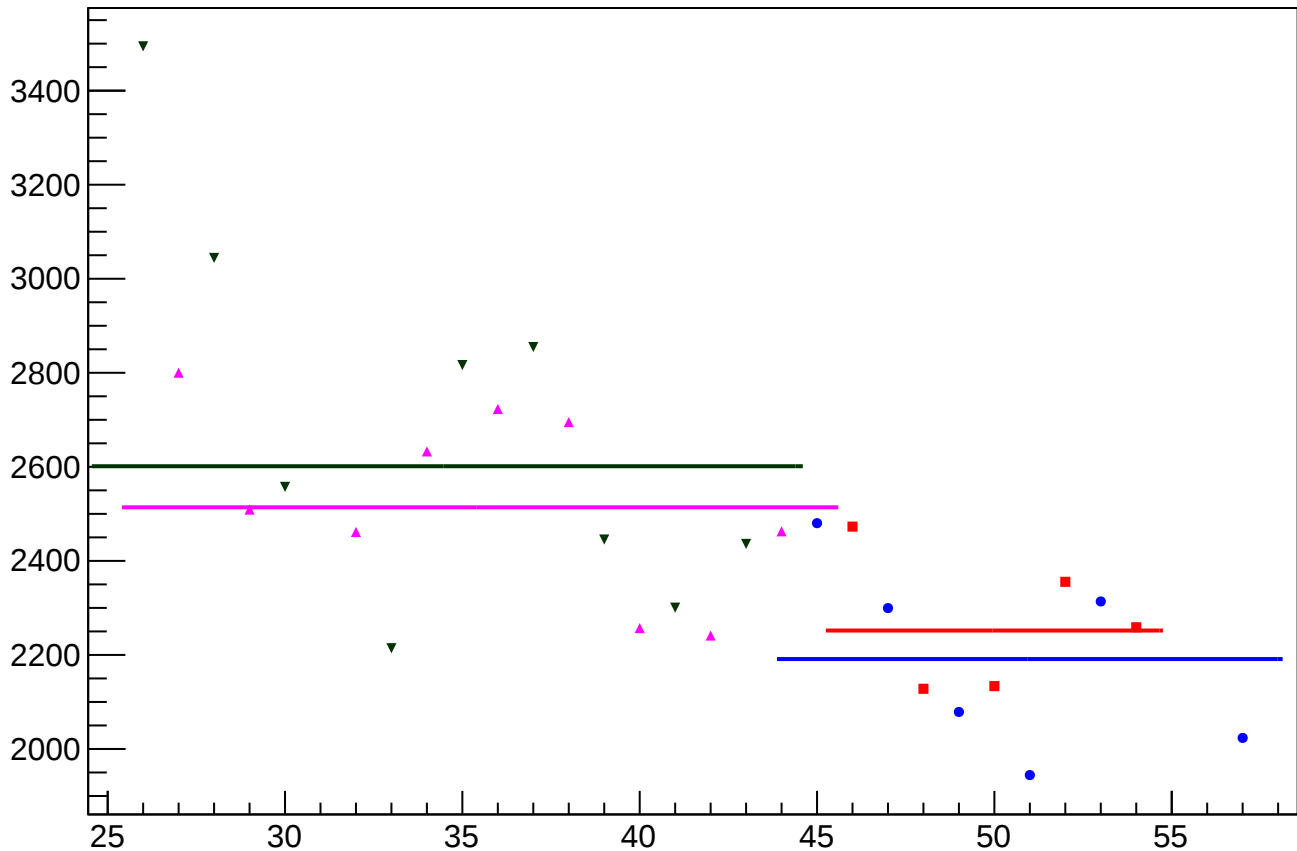
-741.393+/-866.039 χ^2/NDF : 16.1/14

Right Out: 1581.396+/-1435.301 χ^2/NDF : 11.1/4

-830.807+/-854.730 χ^2/NDF : 25.5/13

Left In: -2156.296+/-1063.957 χ^2/NDF : 10.0/8

asym_sam_26_avg_rms vs slug



Right In: 2191.257+/-0.889 χ^2/NDF : 35841.5/5

Left Out: 2601.288+/-0.845 χ^2/NDF : 169348.6/8

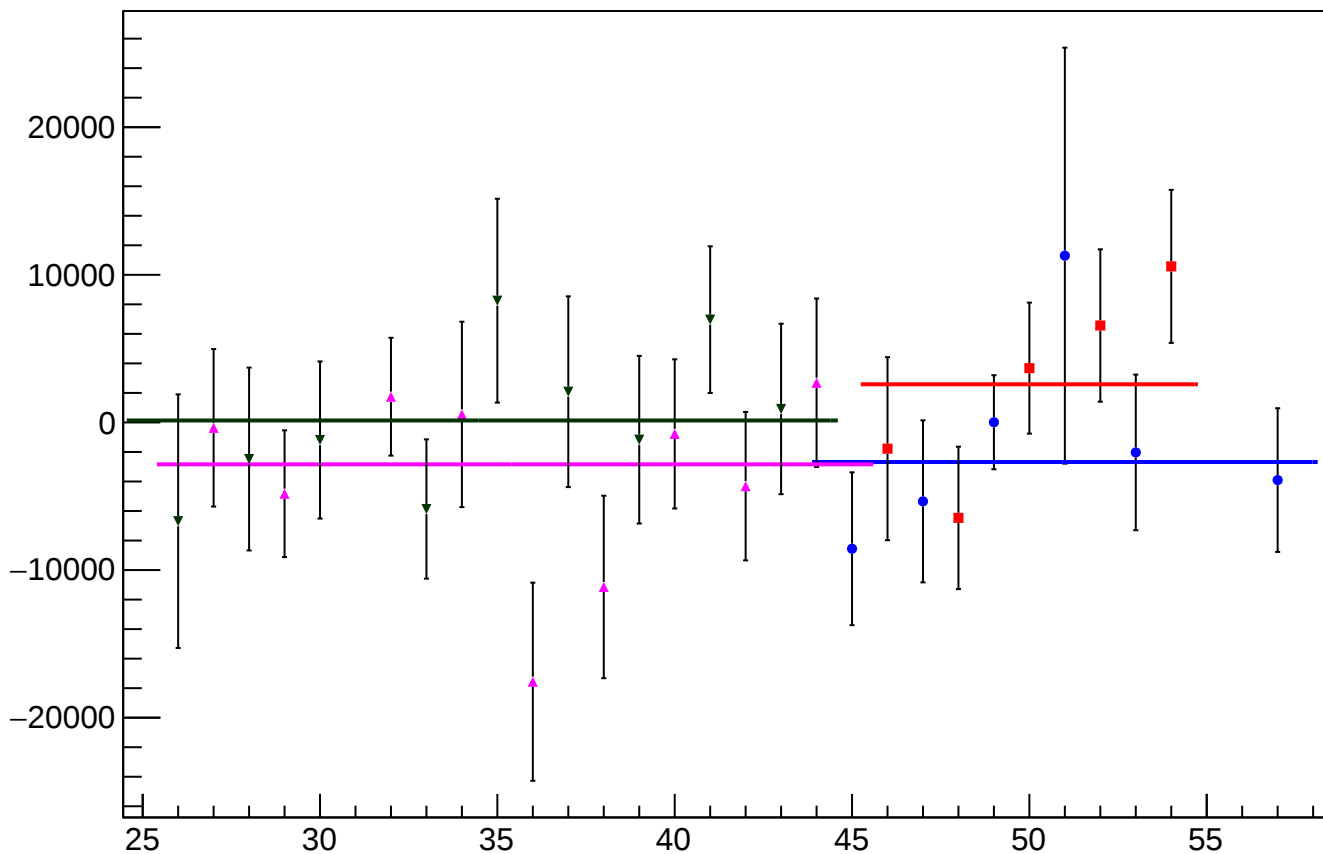
Right Out: 2251.904+/-1.015 χ^2/NDF : 15126.2/4

Left In: 2513.941+/-0.752 χ^2/NDF : 59816.2/8

2406.832+/-0.612 χ^2/NDF : 316973.1/14

2421.016+/-0.604 χ^2/NDF : 117963.2/13

asym_sam_37_avg_mean vs slug



Right In: -2679.722 ± 1990.838 $\chi^2/\text{NDF}: 3.3/5$

Left Out: 134.076 ± 1937.759 $\chi^2/\text{NDF}: 5.9/8$

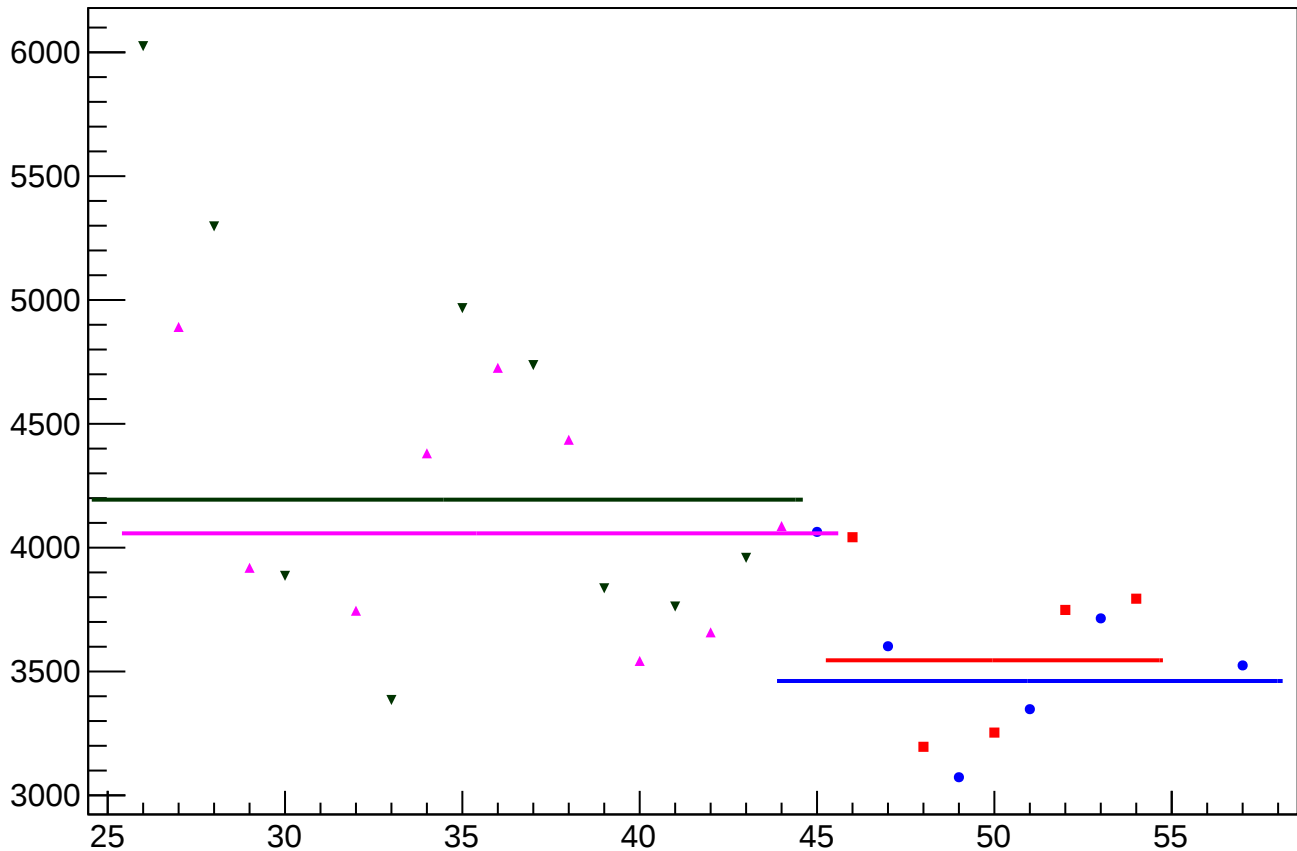
Right Out: 2585.578 ± 2267.606 $\chi^2/\text{NDF}: 7.0/4$

Left In: -2838.252 ± 1727.002 $\chi^2/\text{NDF}: 9.8/8$

-1234.812 ± 1388.588 $\chi^2/\text{NDF}: 10.2/14$

-847.160 ± 1373.916 $\chi^2/\text{NDF}: 20.5/13$

asym_sam_37_avg_rms vs slug



Right In: 3461.656+/-1.408 χ^2/NDF : 63187.7/5

Left Out: 4193.825+/-1.370 χ^2/NDF : 285401.0/8

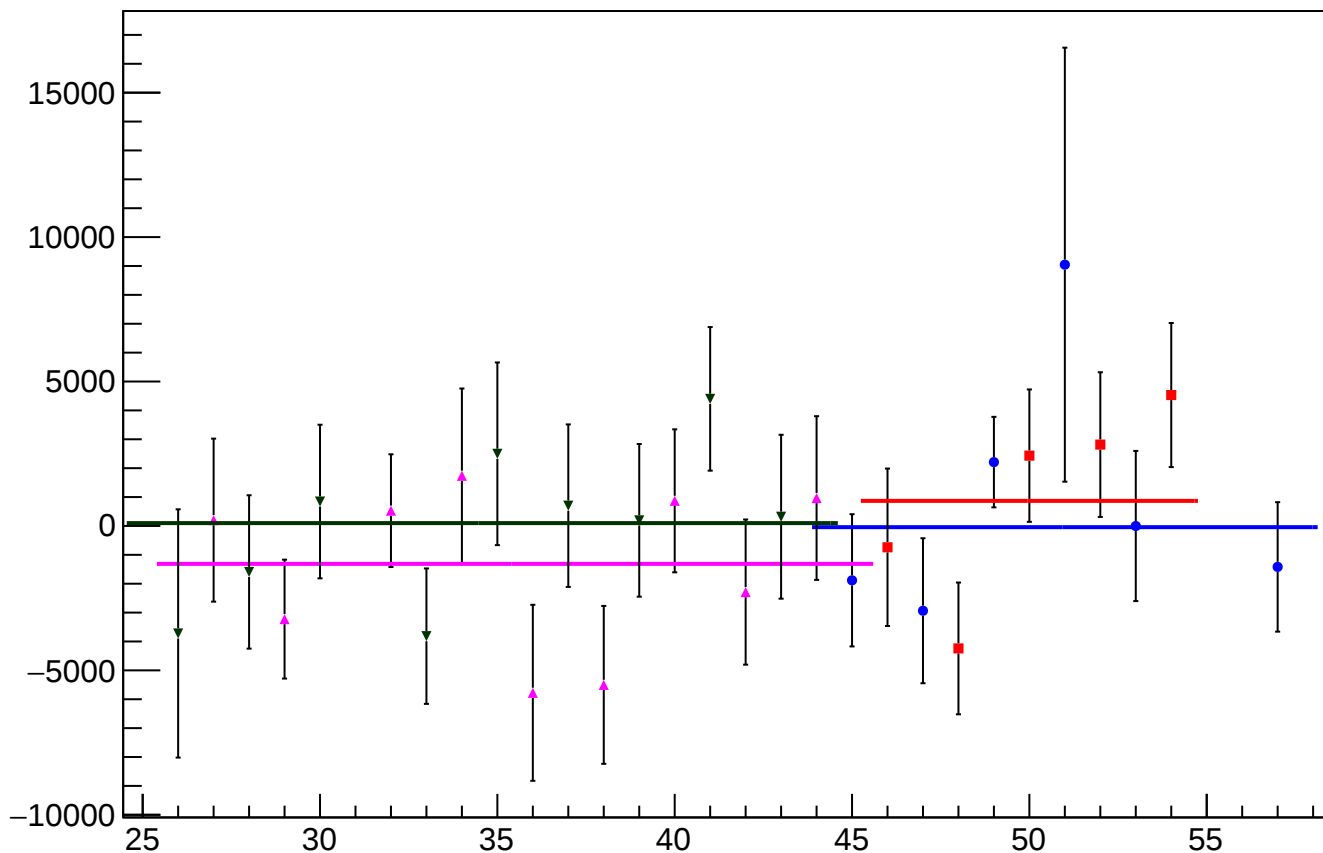
Right Out: 3545.190+/-1.603 χ^2/NDF : 39681.9/4

Left In: 4057.818+/-1.221 χ^2/NDF : 129253.0/8

3837.631+/-0.982 χ^2/NDF : 487497.2/14

3869.632+/-0.972 χ^2/NDF : 233624.4/13

asym_sam_48_avg_mean vs slug



Right In: -42.510 $\pm$ 944.191 χ^2 /NDF: 5.9/5

Left Out: 98.183 $\pm$ 922.560 χ^2 /NDF: 7.7/8

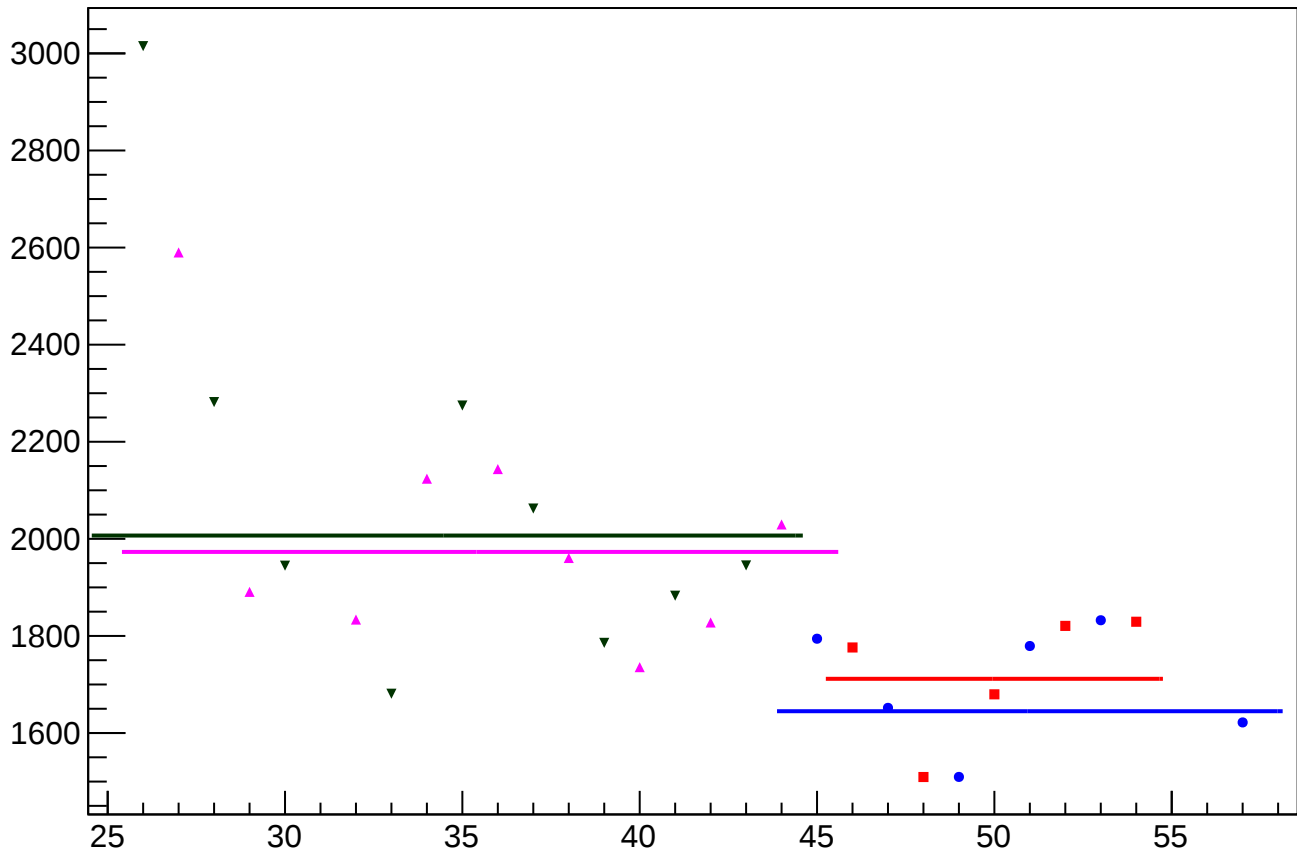
Right Out: 867.450 $\pm$ 1092.847 χ^2 /NDF: 8.6/4

Left In: -1313.019 $\pm$ 838.748 χ^2 /NDF: 9.1/8

29.466 $\pm$ 659.863 χ^2 /NDF: 13.6/14

-504.743 $\pm$ 665.372 χ^2 /NDF: 20.2/13

asym_sam_48_avg_rms vs slug



Right In: 1644.939+/-0.668 χ^2/NDF : 34695.2/5

Left Out: 2006.811+/-0.652 χ^2/NDF : 206242.3/8

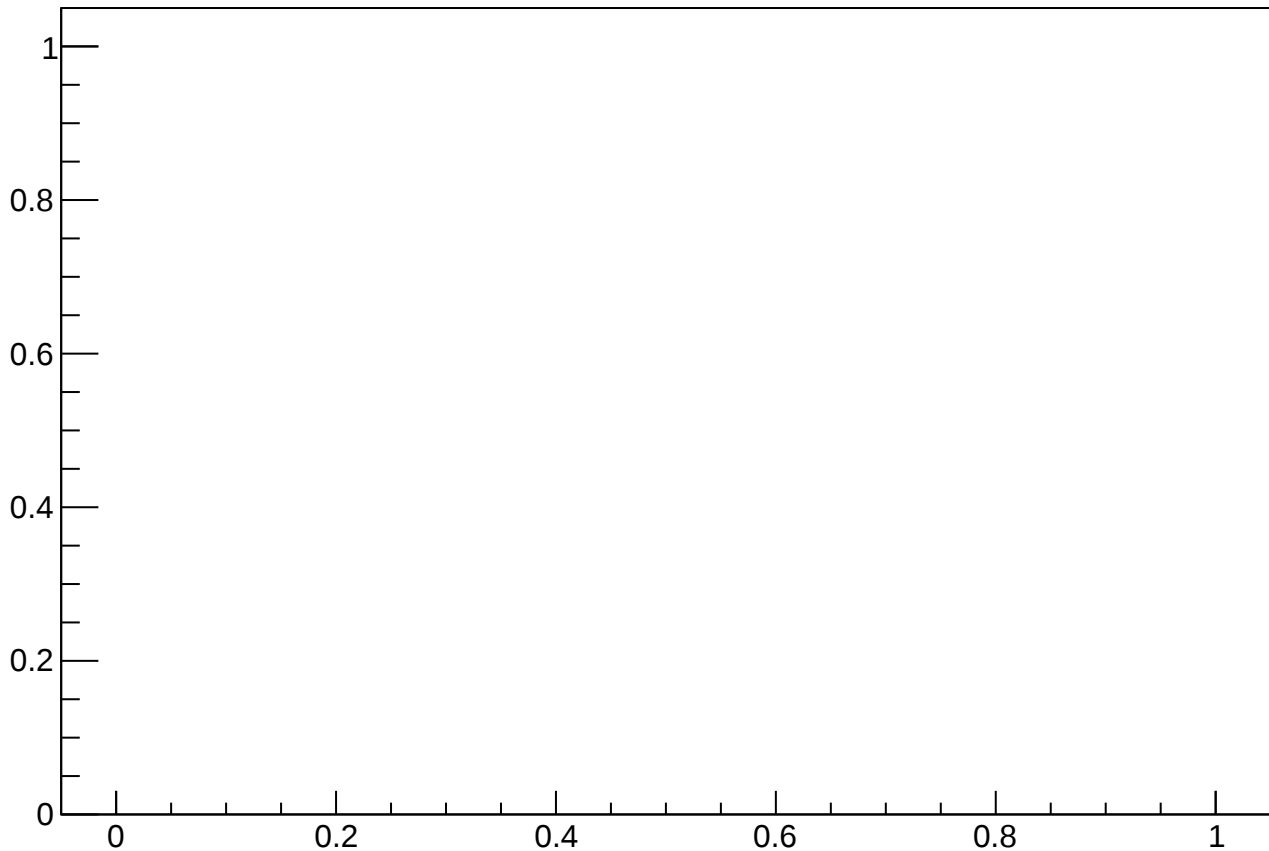
Right Out: 1711.694+/-0.773 χ^2/NDF : 25467.7/4

Left In: 1973.078+/-0.593 χ^2/NDF : 146156.6/8

1830.067+/-0.467 χ^2/NDF : 391230.3/14

1876.186+/-0.470 χ^2/NDF : 243625.0/13

yield_sam_15_avg_mean vs slug



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

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

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

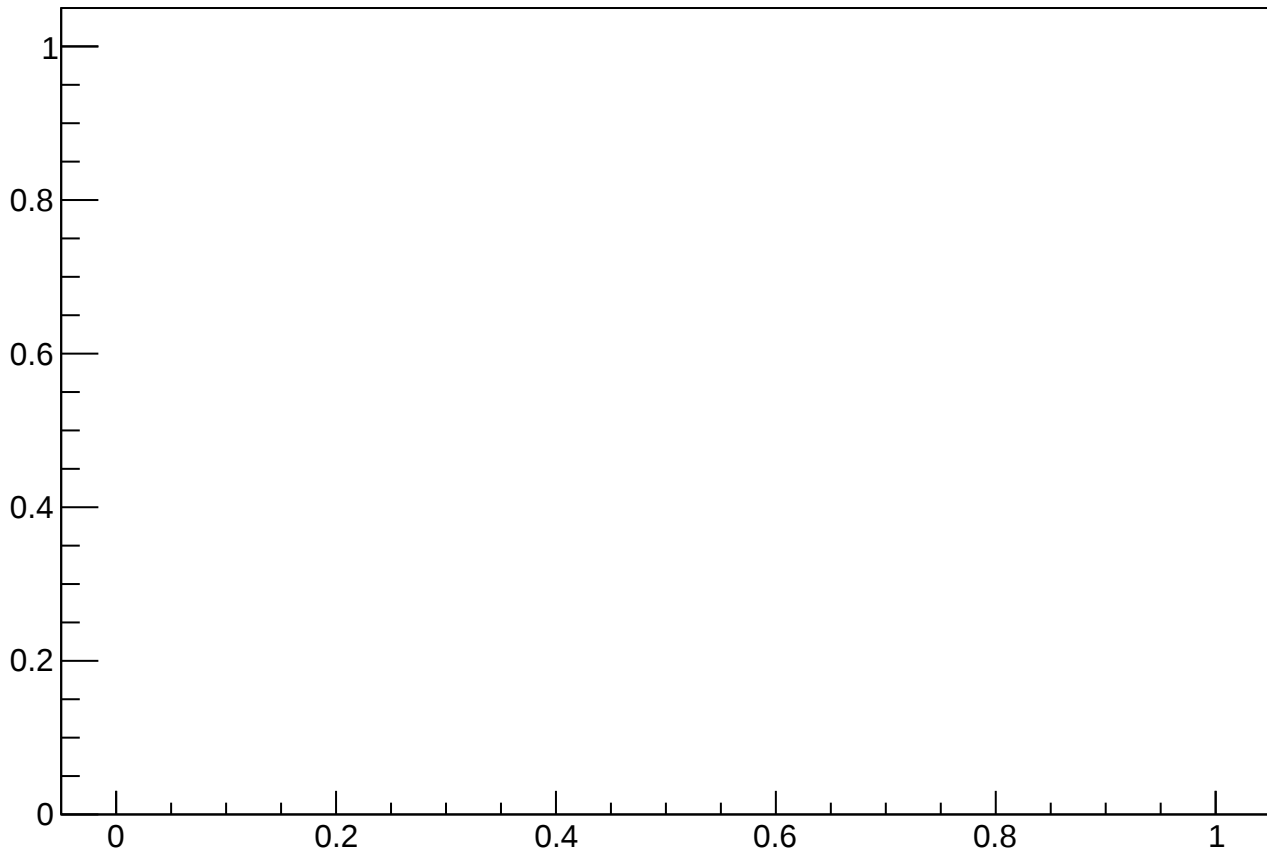
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

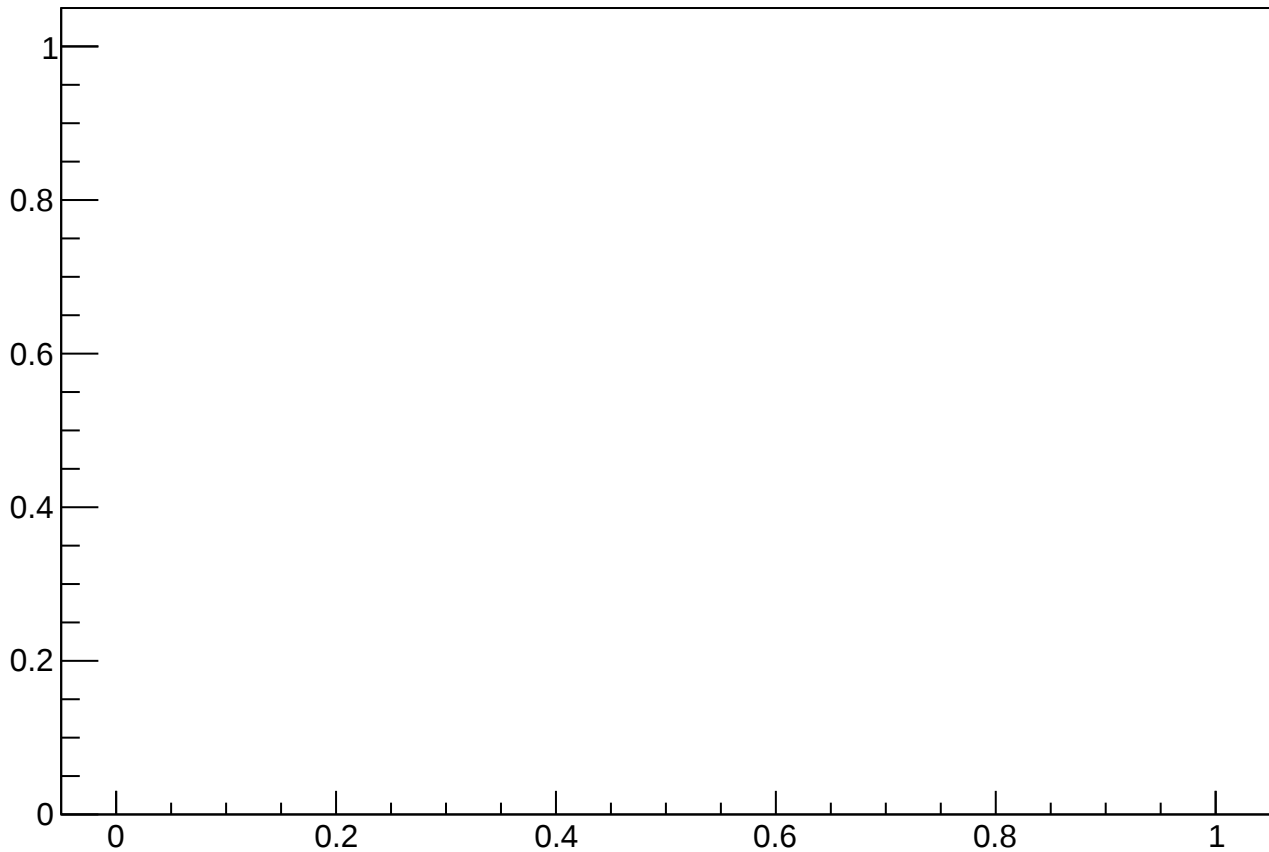
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

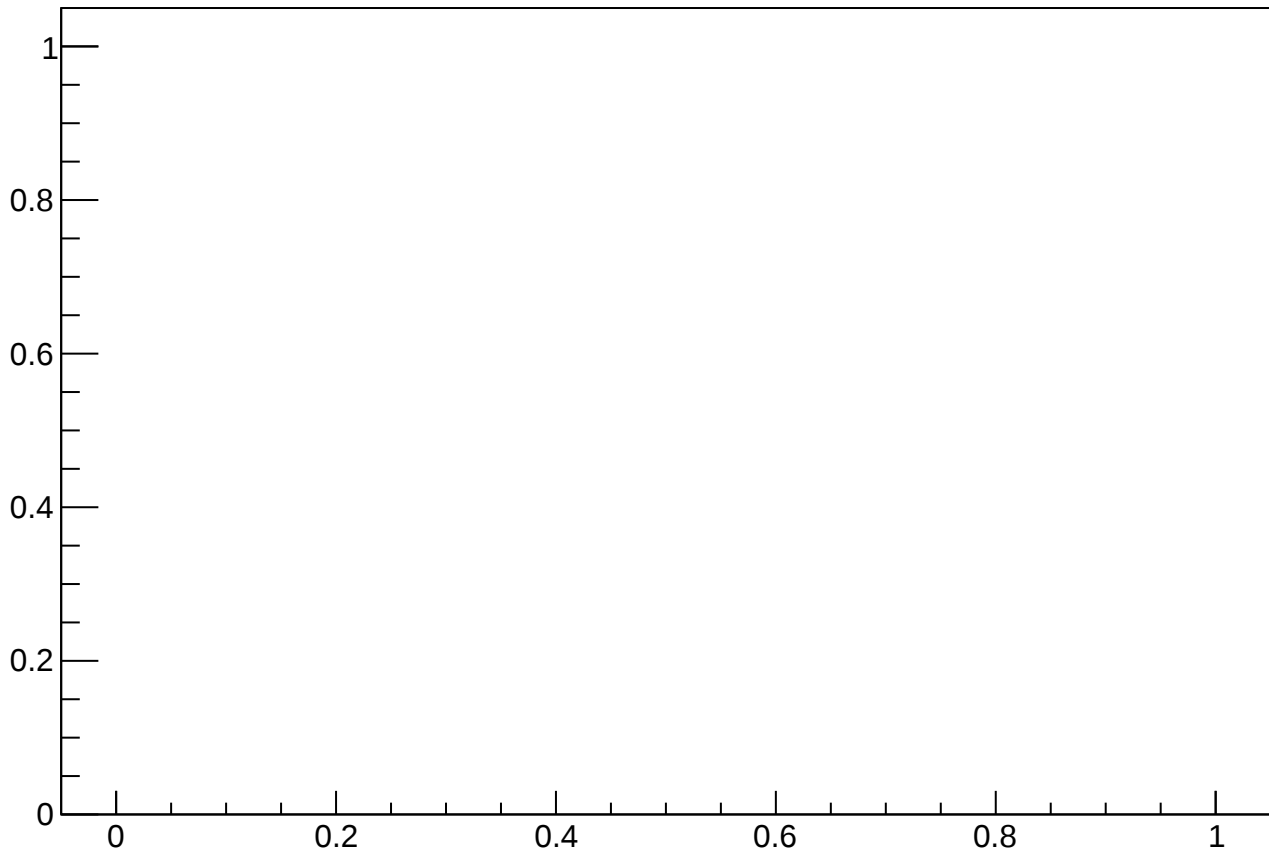
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

yield_sam_48_avg_mean vs slug



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

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

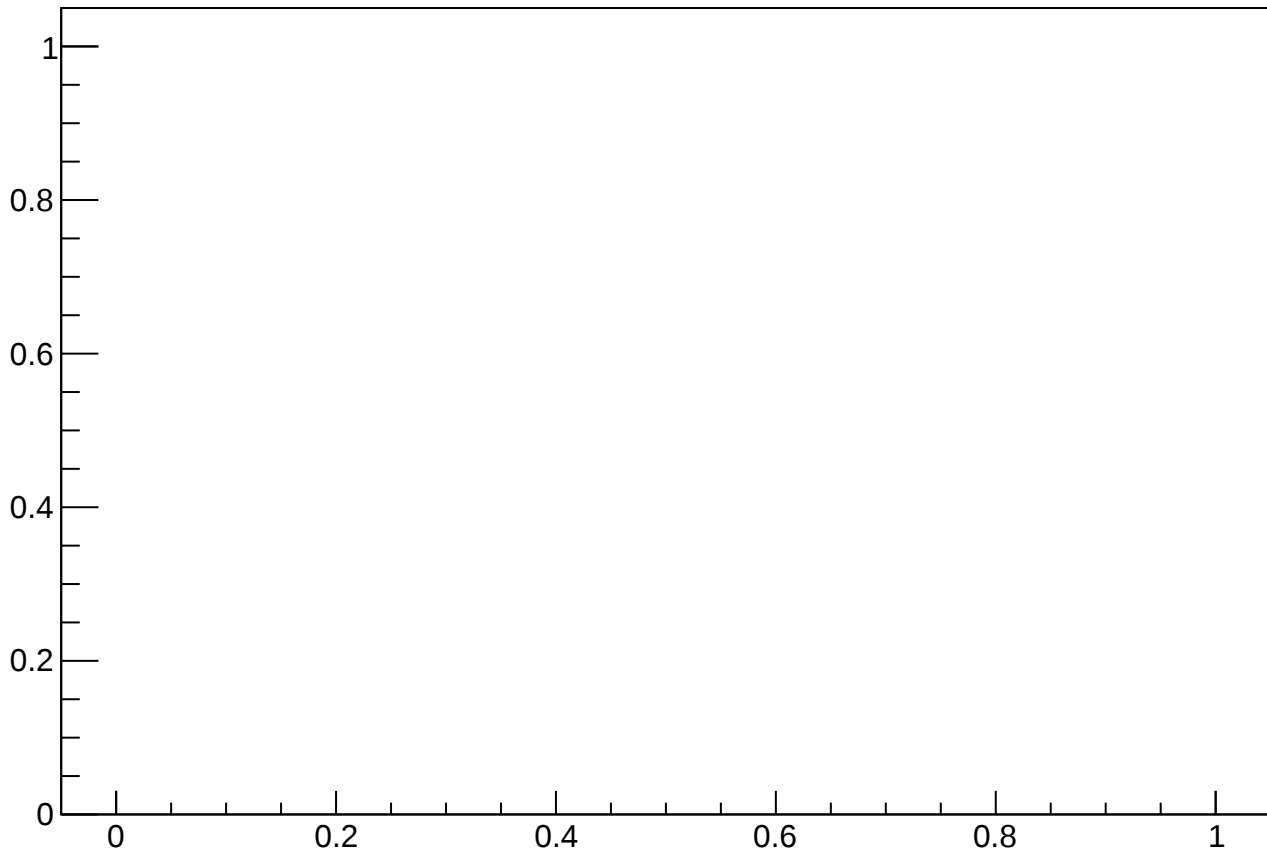
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

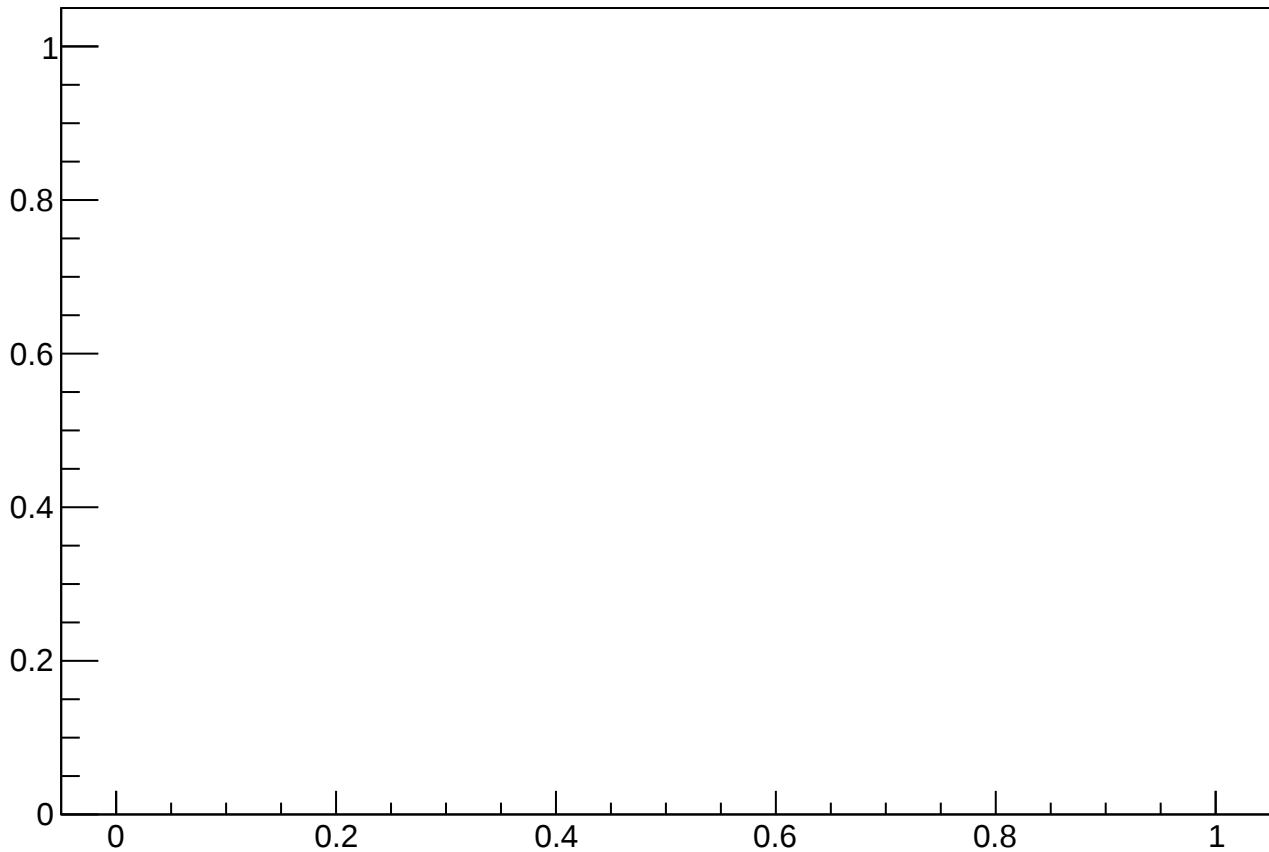
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

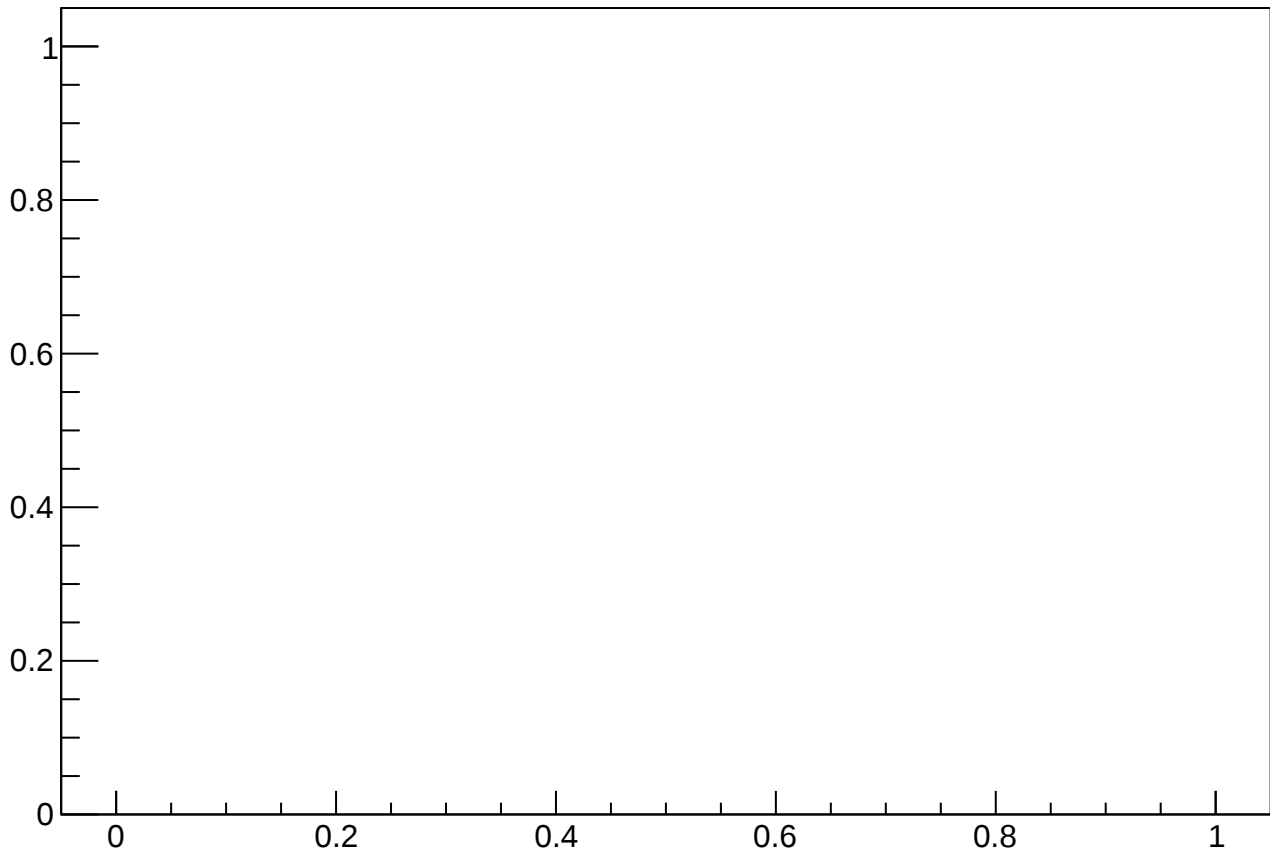
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

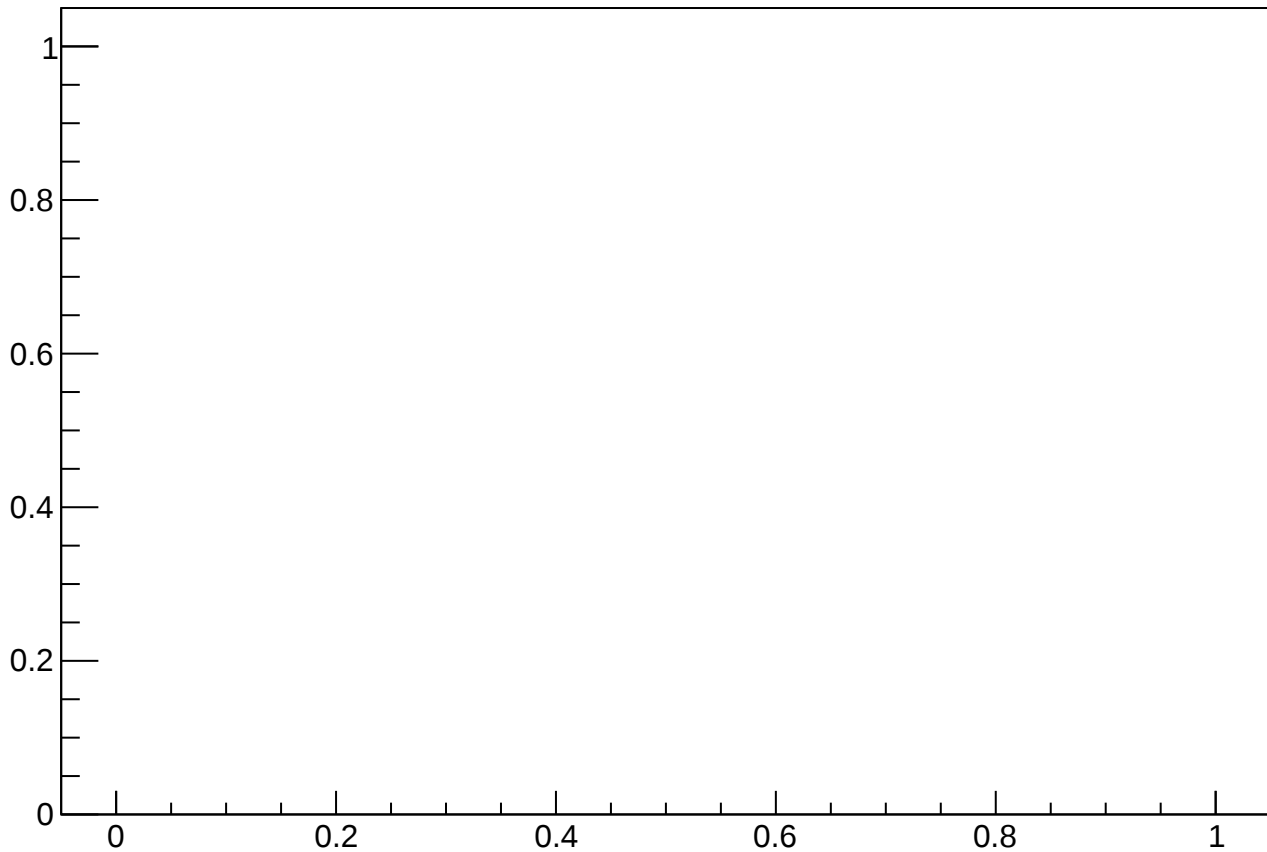
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

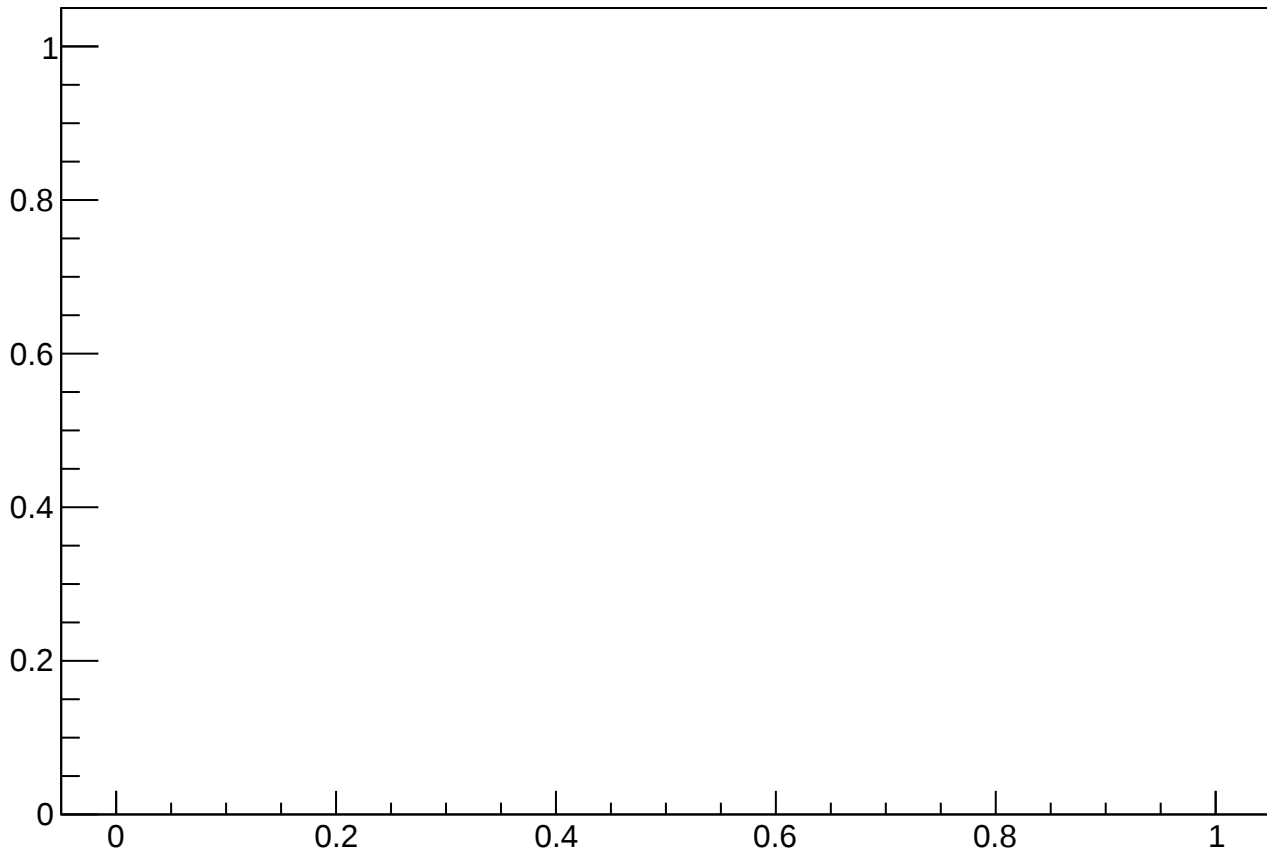
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

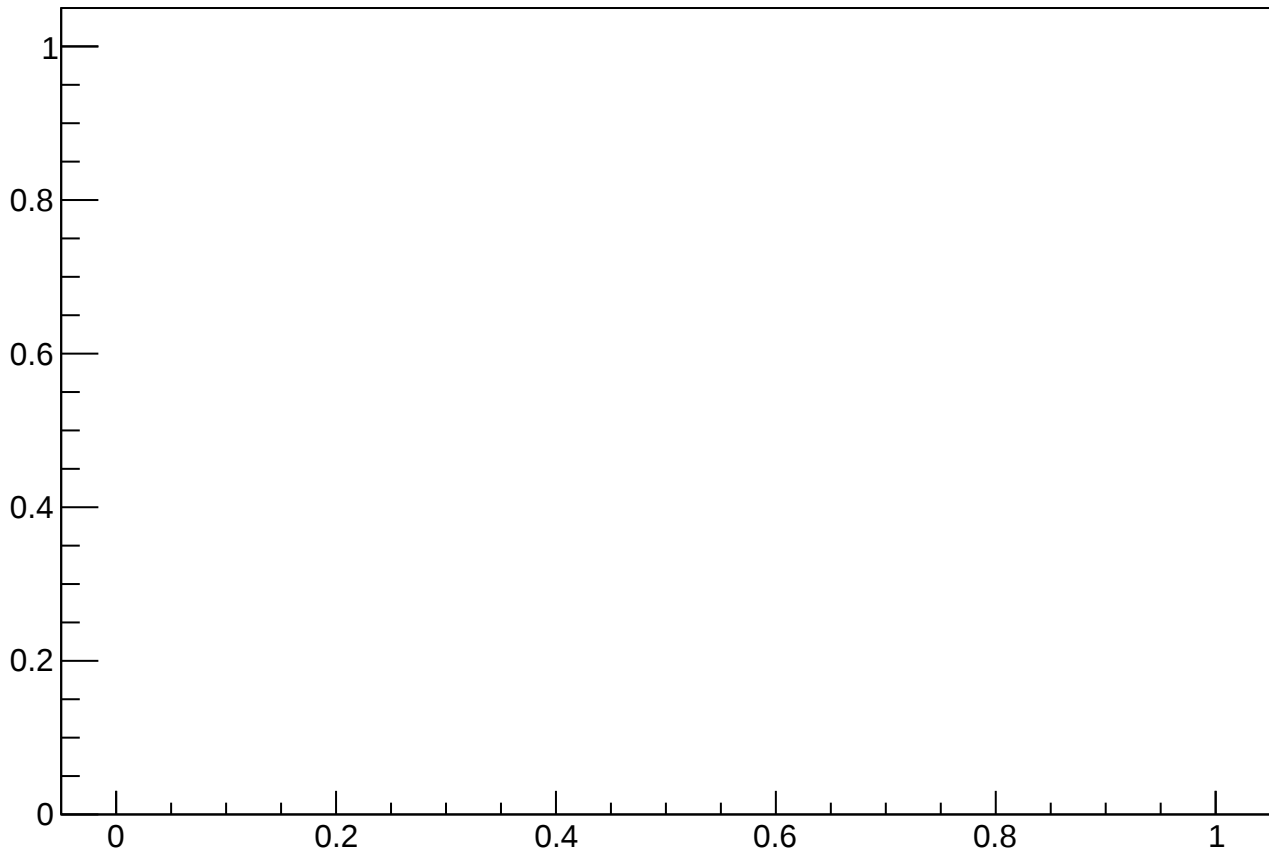
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

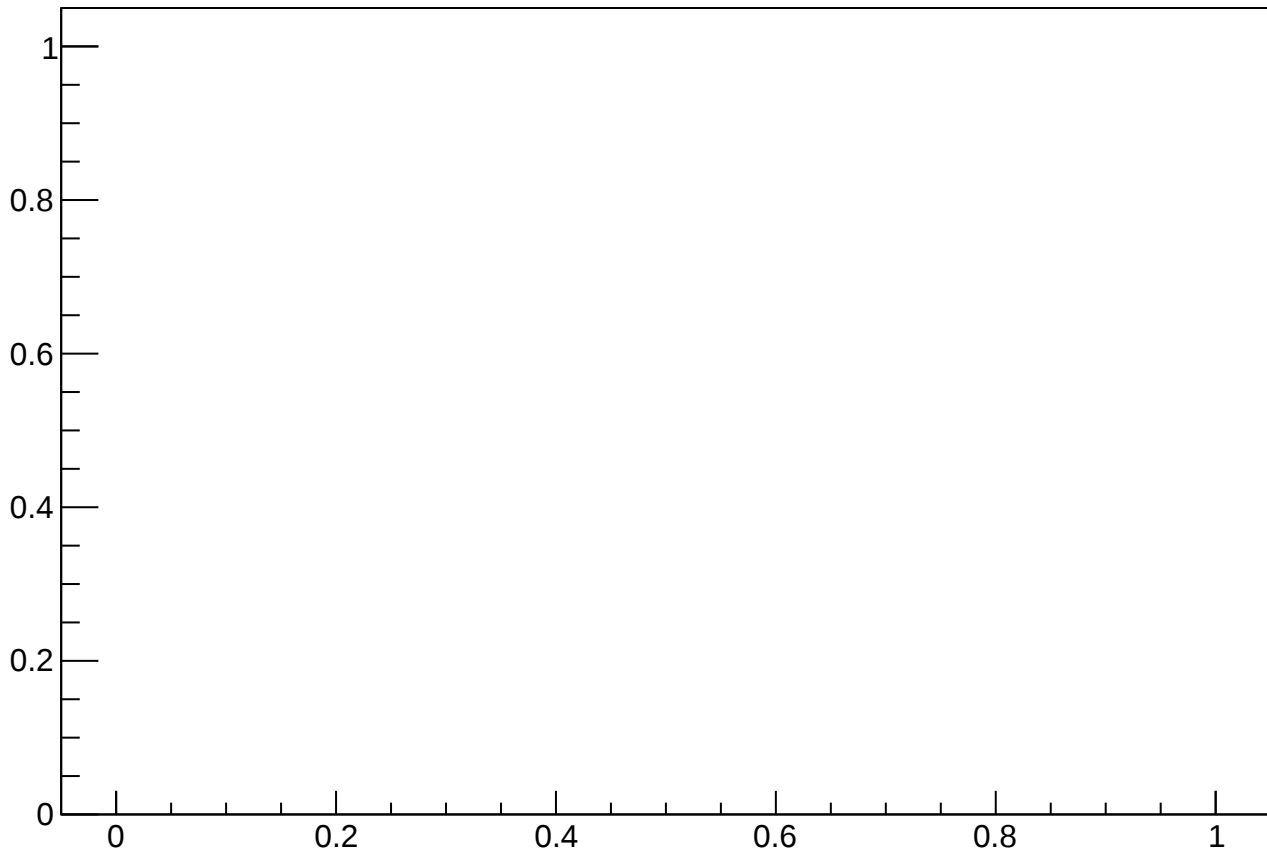
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

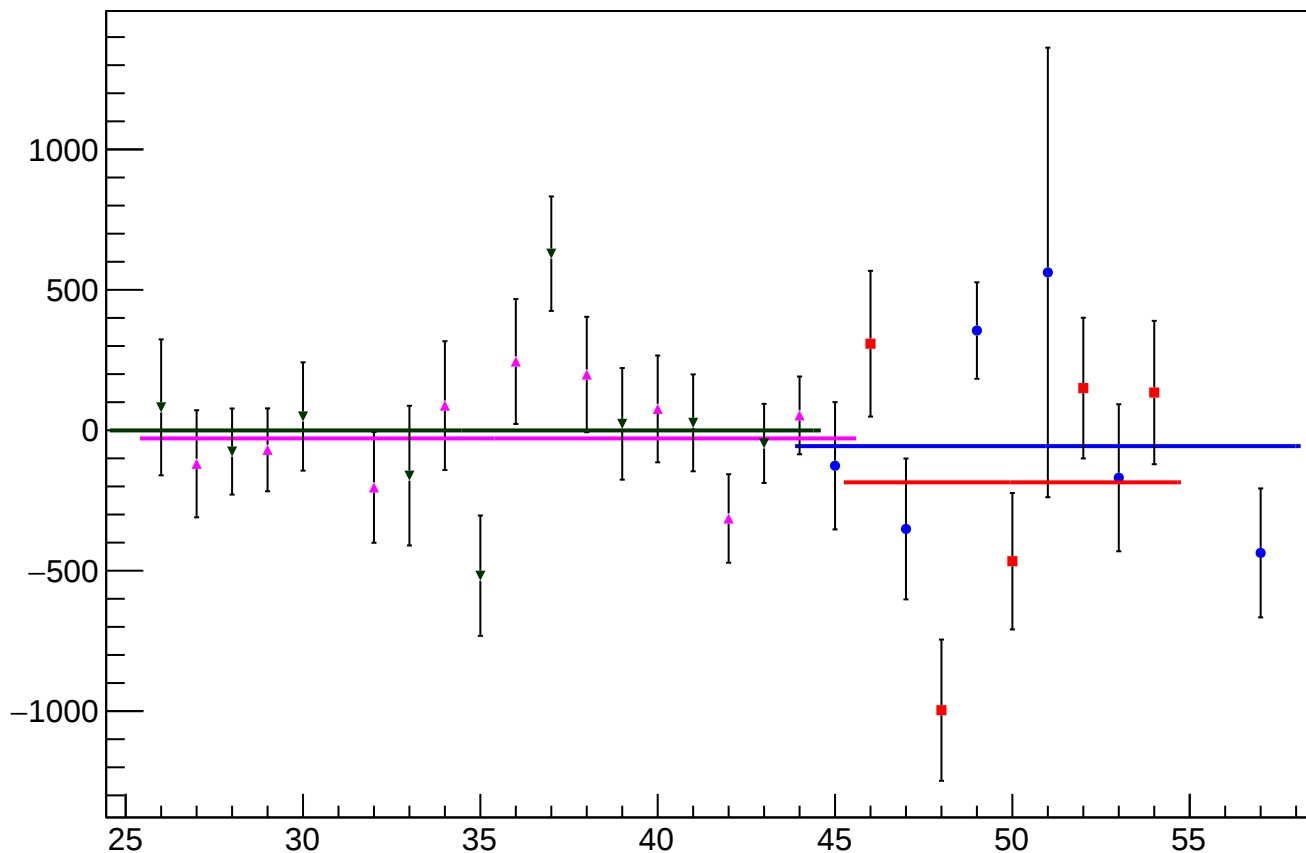
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -56.403 ± 97.880 $\chi^2/\text{NDF}: 10.7/5$

Left Out: -0.549 ± 62.274 $\chi^2/\text{NDF}: 16.3/8$

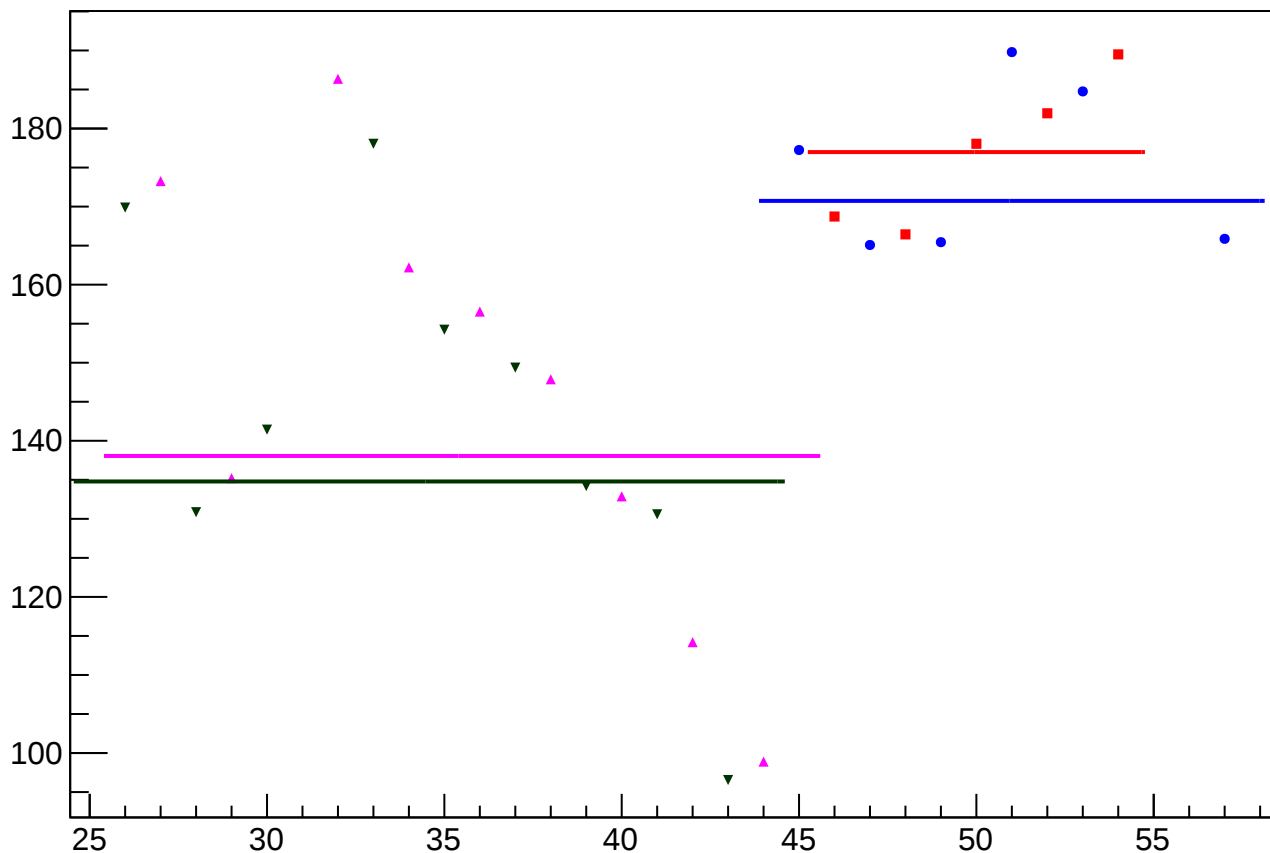
Right Out: -185.393 ± 112.577 $\chi^2/\text{NDF}: 18.7/4$

Left In: -28.991 ± 59.537 $\chi^2/\text{NDF}: 8.0/8$

-16.643 ± 52.542 $\chi^2/\text{NDF}: 27.3/14$

-63.174 ± 52.630 $\chi^2/\text{NDF}: 28.2/13$

reg_asym_sam_15_avg_rms vs slug



Right In: 170.732 $\pm$ 0.069 χ^2 /NDF: 12333.3/5

Left Out: 134.788 $\pm$ 0.044 χ^2 /NDF: 281610.1/8

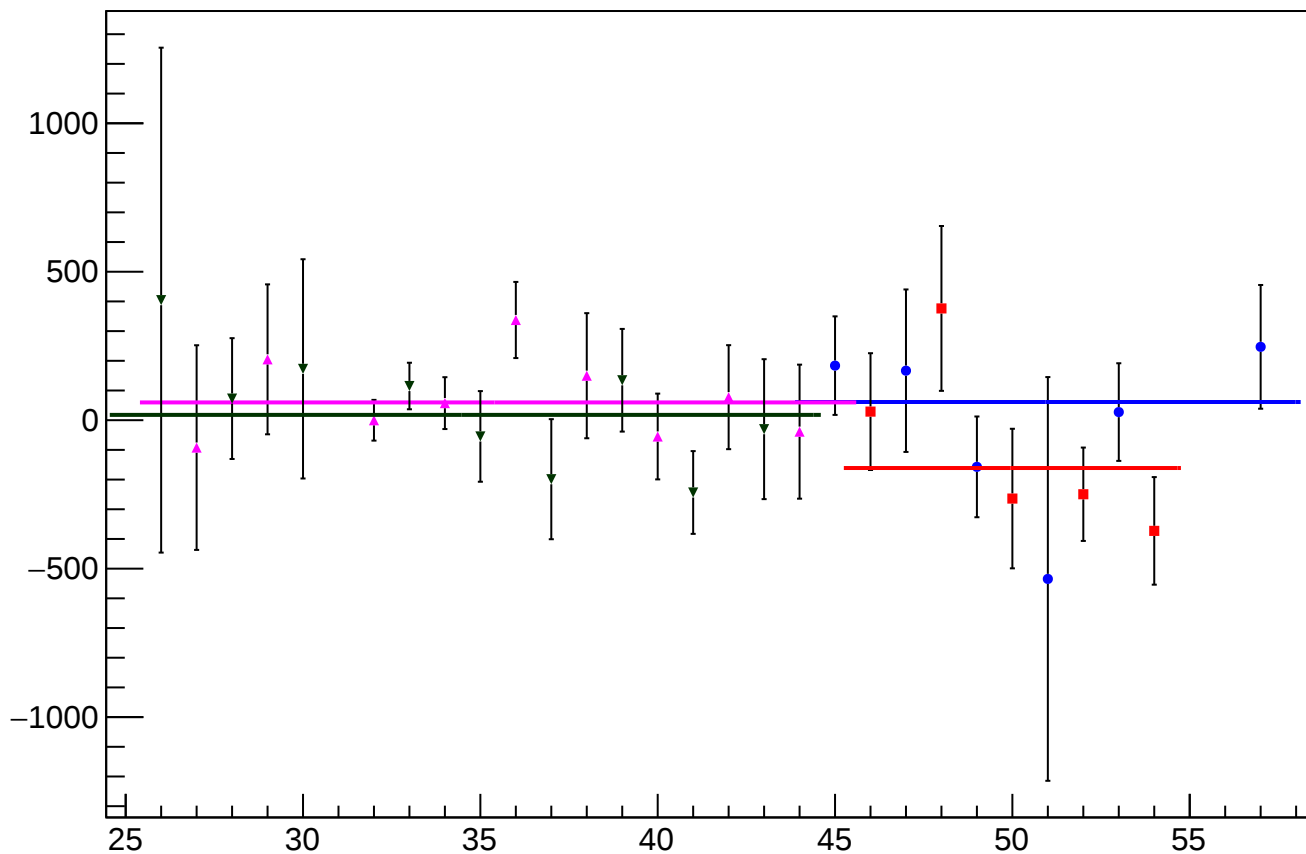
Right Out: 176.984 $\pm$ 0.080 χ^2 /NDF: 11172.0/4

Left In: 138.057 $\pm$ 0.042 χ^2 /NDF: 437023.6/8

145.145 $\pm$ 0.037 χ^2 /NDF: 485938.8/14

146.564 $\pm$ 0.037 χ^2 /NDF: 635071.9/13

asym_sam_15_avg_correction_mean vs slug



Right In: 61.273 $\pm$ 82.590 χ^2 /NDF: 4.0/5

Left Out: 17.872 $\pm$ 52.271 χ^2 /NDF: 7.4/8

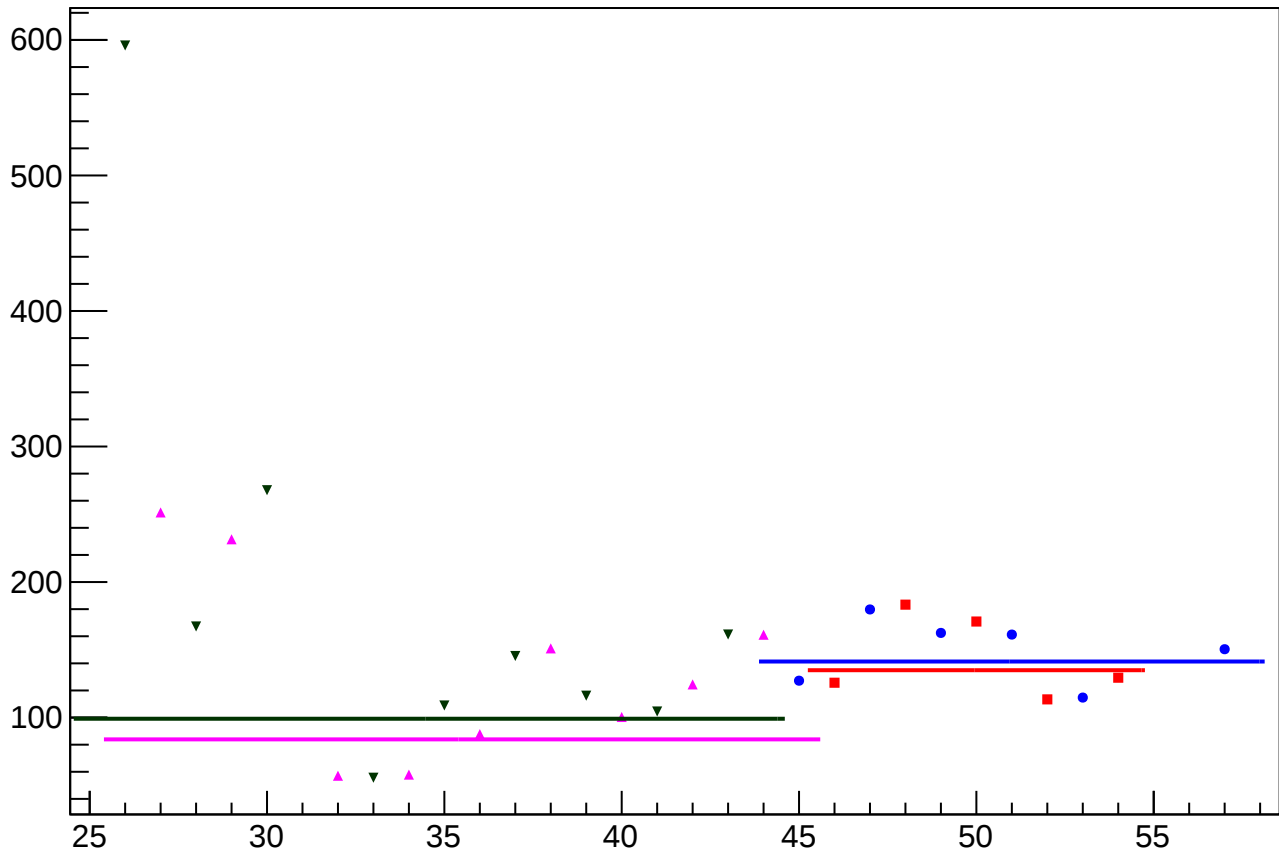
Right Out: -161.084 $\pm$ 88.439 χ^2 /NDF: 6.6/4

Left In: 59.828 $\pm$ 42.594 χ^2 /NDF: 7.0/8

30.285 $\pm$ 44.168 χ^2 /NDF: 11.5/14

18.234 $\pm$ 38.375 χ^2 /NDF: 18.6/13

asym_sam_15_avg_correction_rms vs slug



Right In: 141.366+/-0.058 χ^2/NDF : 142782.0/5

Left Out: 99.138+/-0.037 χ^2/NDF :2215033.7/8

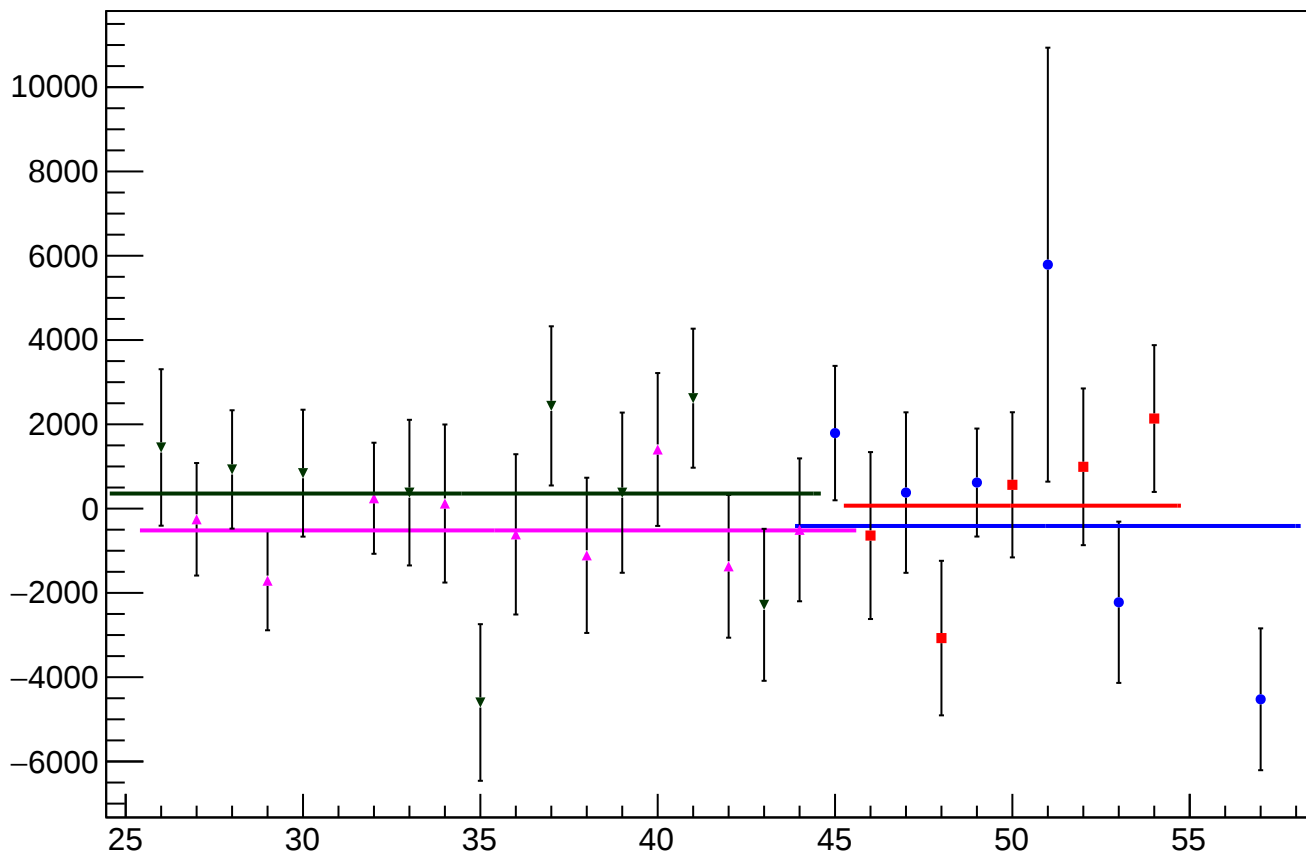
Right Out: 134.949+/-0.063 χ^2/NDF : 151194.8/4

Left In: 83.913+/-0.030 χ^2/NDF :2211357.4/8

111.215+/-0.031 χ^2/NDF : 2731136.6/14

93.522+/-0.027 χ^2/NDF : 2903196.9/13

reg_asym_sam_26_avg_mean vs slug



Right In: -411.980 ± 717.582 $\chi^2/\text{NDF}: 11.0/5$

Left Out: 357.559 ± 568.392 $\chi^2/\text{NDF}: 13.0/8$

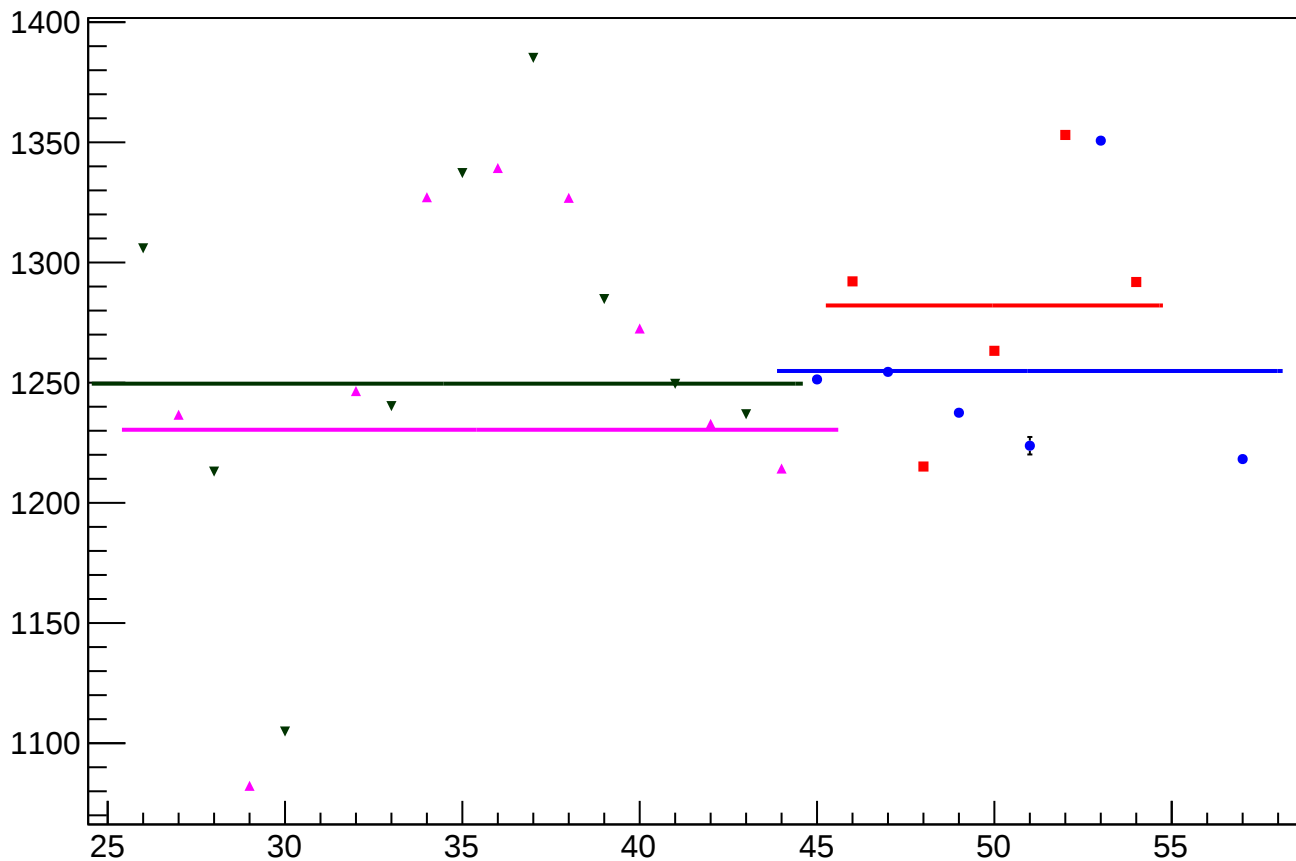
Right Out: 69.452 ± 814.202 $\chi^2/\text{NDF}: 4.8/4$

Left In: -517.544 ± 518.830 $\chi^2/\text{NDF}: 3.0/8$

60.881 ± 445.553 $\chi^2/\text{NDF}: 24.7/14$

-348.025 ± 437.546 $\chi^2/\text{NDF}: 8.2/13$

reg_asym_sam_26_avg_rms vs slug



Right In: 1254.867 $\pm$ 0.507 χ^2 /NDF: 6416.1/5

Left Out: 1249.590 $\pm$ 0.402 χ^2 /NDF: 37264.3/8

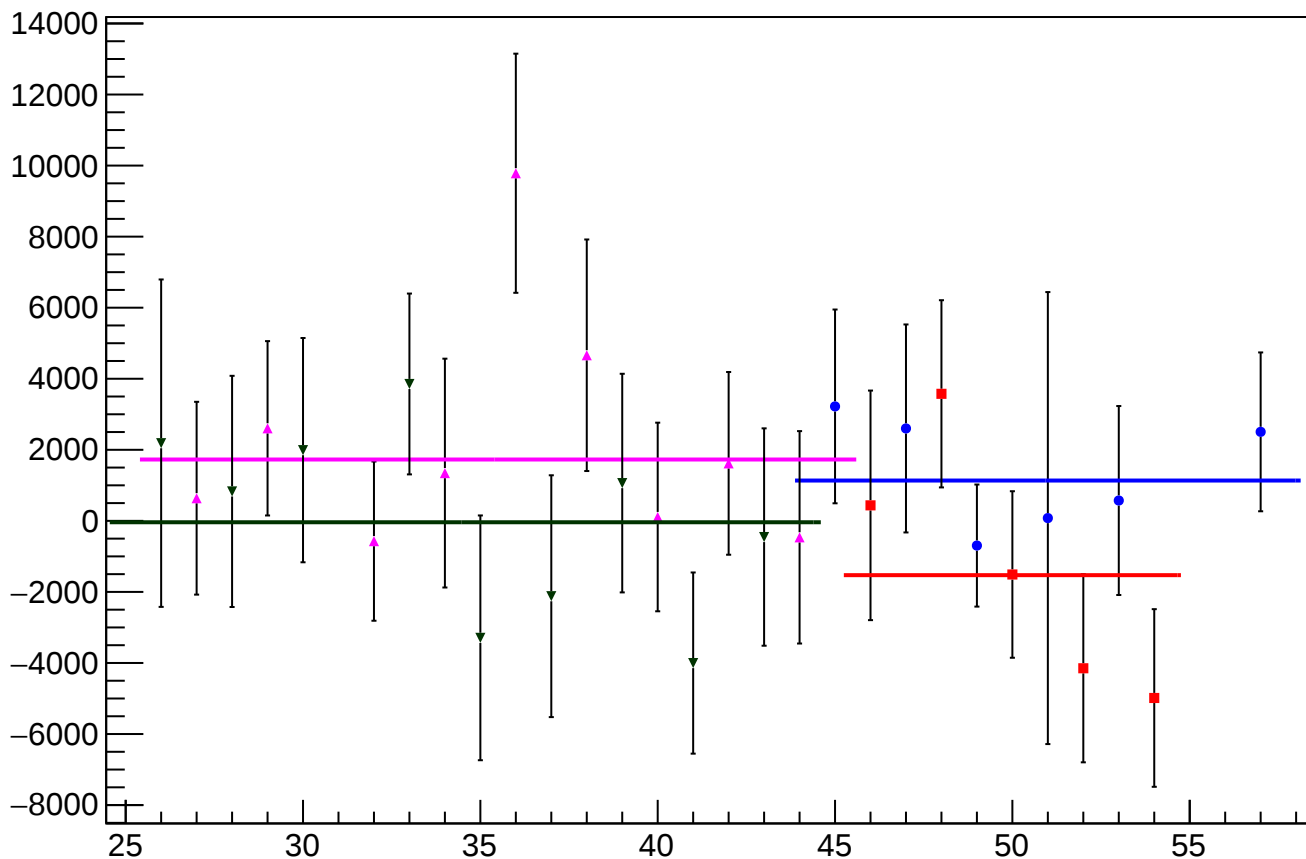
Right Out: 1282.125 $\pm$ 0.576 χ^2 /NDF: 5936.8/4

Left In: 1230.414 $\pm$ 0.367 χ^2 /NDF: 50656.2/8

1251.624 $\pm$ 0.315 χ^2 /NDF: 43746.9/14

1245.348 $\pm$ 0.309 χ^2 /NDF: 62330.6/13

asym_sam_26_avg_correction_mean vs slug



Right In: 1134.971 ± 1022.628 $\chi^2/\text{NDF}: 2.4/5$

Left Out: -39.269 ± 1035.135 $\chi^2/\text{NDF}: 6.9/8$

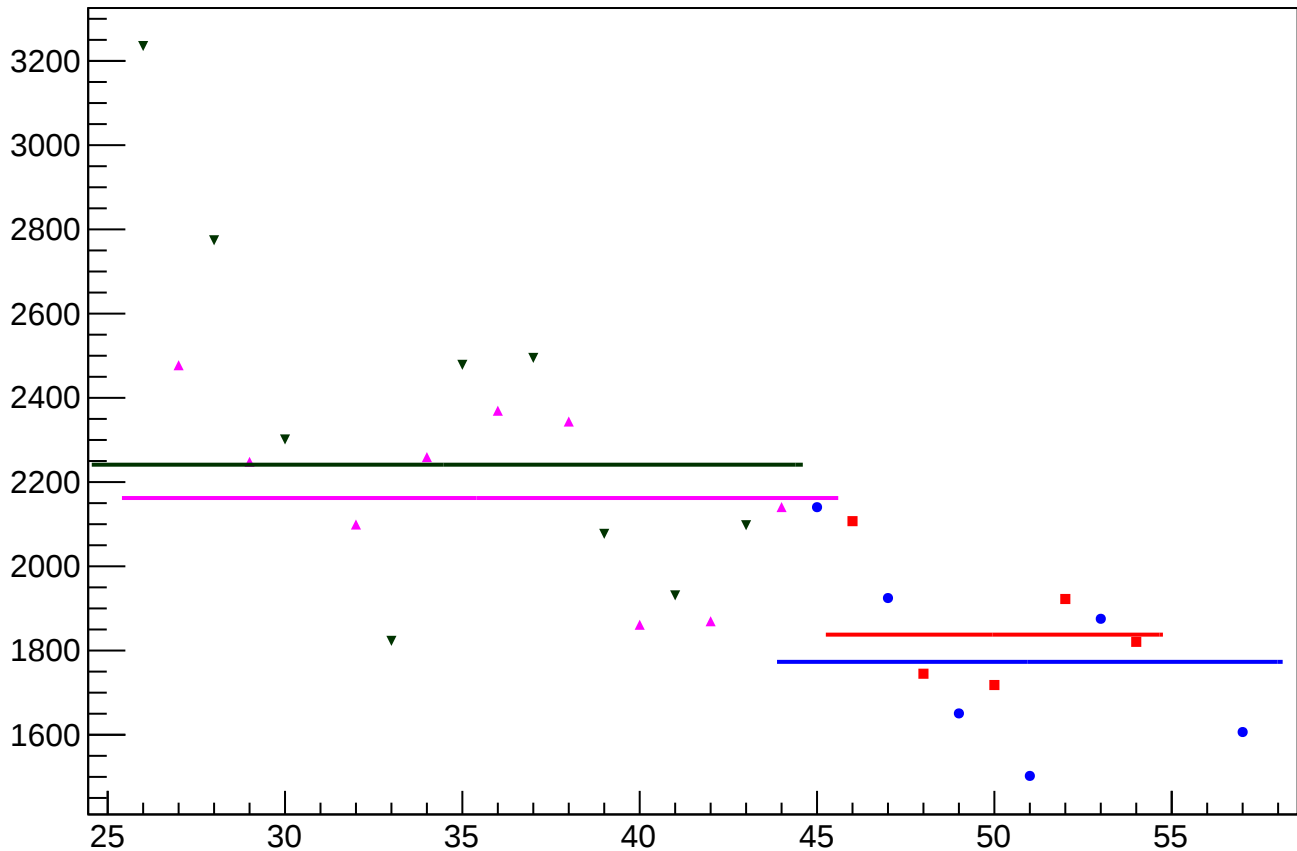
Right Out: -1528.406 ± 1174.756 $\chi^2/\text{NDF}: 7.0/4$

Left In: 1726.912 ± 918.632 $\chi^2/\text{NDF}: 8.8/8$

554.988 ± 727.489 $\chi^2/\text{NDF}: 10.0/14$

491.663 ± 723.649 $\chi^2/\text{NDF}: 20.6/13$

asym_sam_26_avg_correction_rms vs slug



Right In: 1773.154+/-0.723 χ^2/NDF : 69486.0/5

Left Out: 2241.302+/-0.732 χ^2/NDF : 261773.6/8

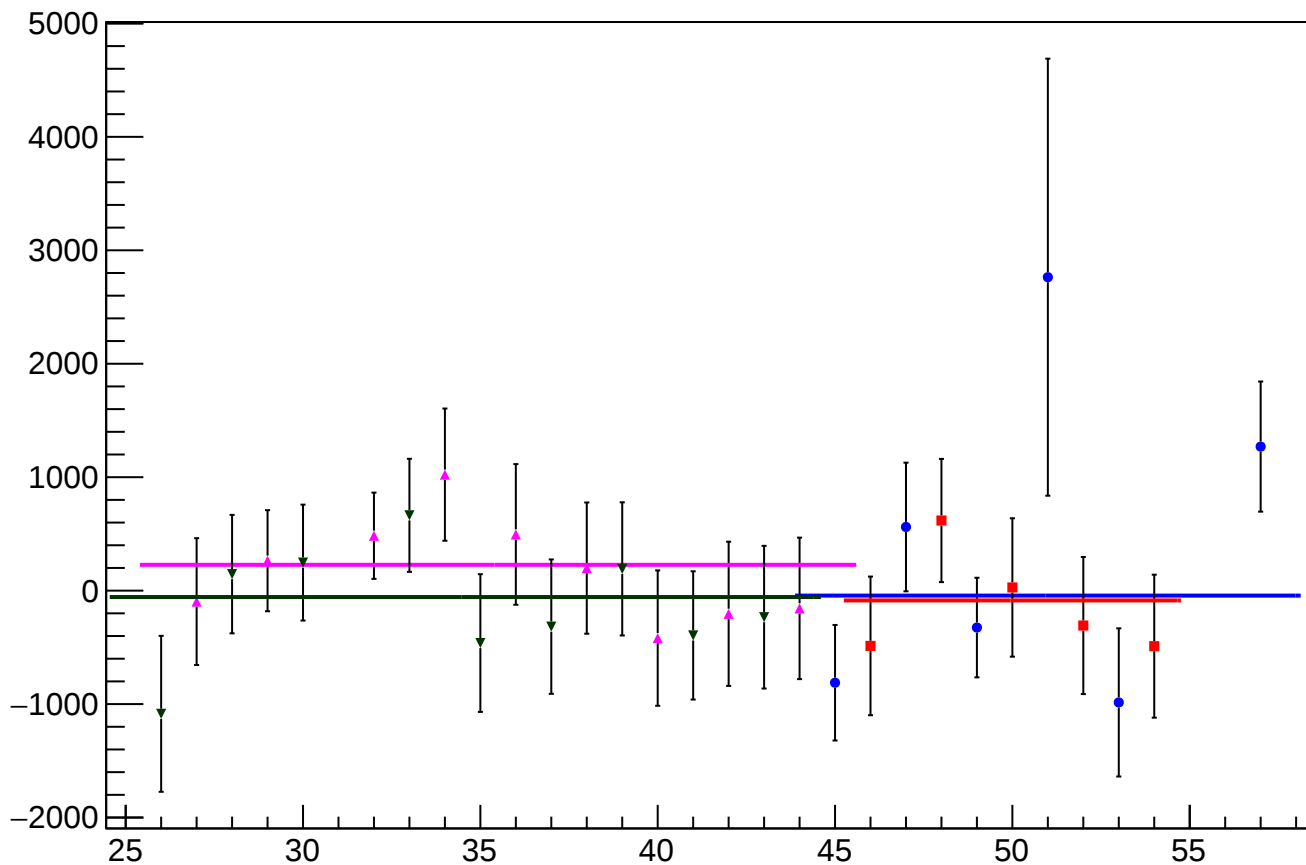
Right Out: 1837.768+/-0.831 χ^2/NDF : 23741.8/4

Left In: 2162.148+/-0.650 χ^2/NDF : 98343.3/8

2004.383+/-0.514 χ^2/NDF : 538283.4/14

2039.060+/-0.512 χ^2/NDF : 216712.5/13

reg_asym_sam_37_avg_mean vs slug



Right In: -43.679 $\pm$ 236.955 χ^2 /NDF: 13.3/5

Left Out: -56.564 $\pm$ 189.750 χ^2 /NDF: 6.1/8

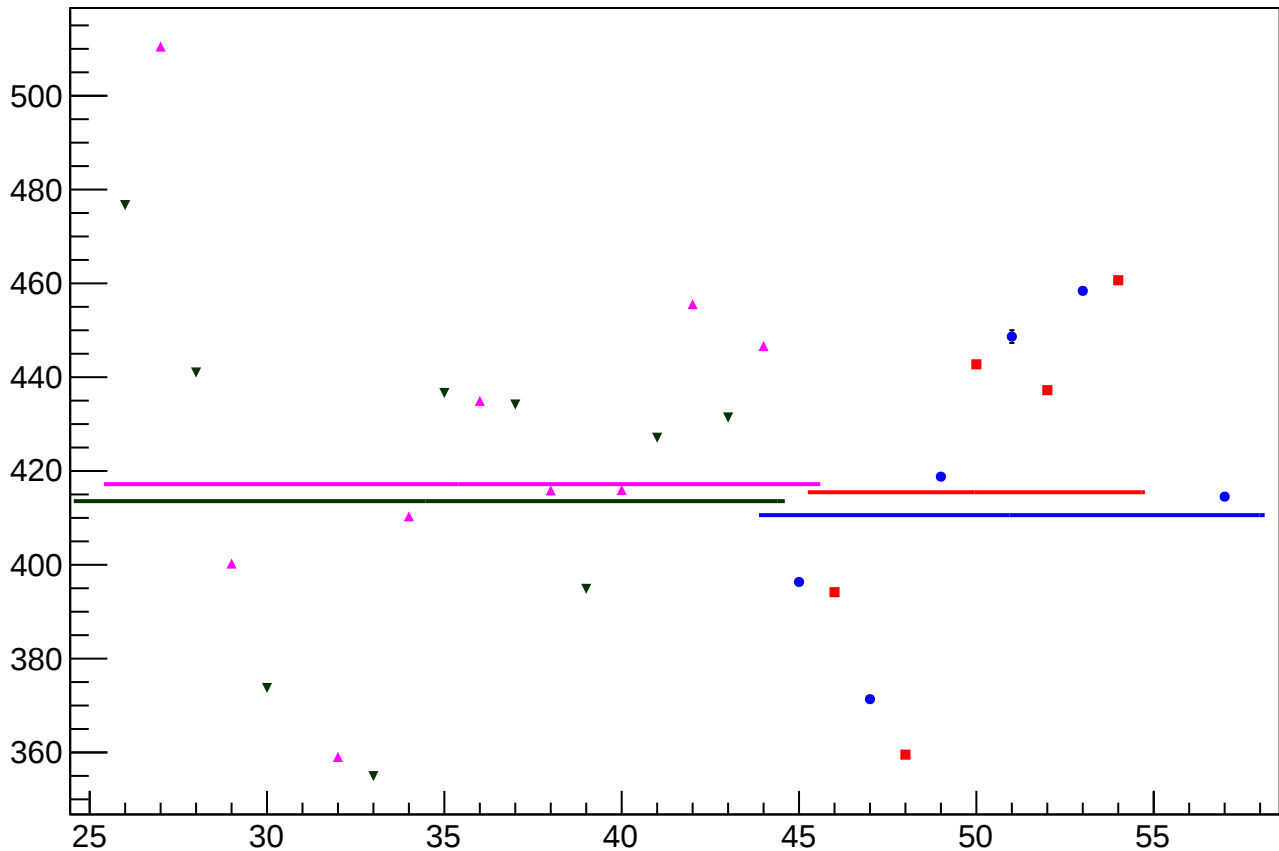
Right Out: -86.185 $\pm$ 267.172 χ^2 /NDF: 2.7/4

Left In: 227.618 $\pm$ 178.031 χ^2 /NDF: 4.9/8

-51.530 $\pm$ 148.113 χ^2 /NDF: 19.4/14

131.126 $\pm$ 148.152 χ^2 /NDF: 8.5/13

reg_asym_sam_37_avg_rms vs slug



Right In: 410.586+/-0.168 χ^2/NDF : 23435.7/5

Left Out: 413.572+/-0.134 χ^2/NDF : 72321.2/8

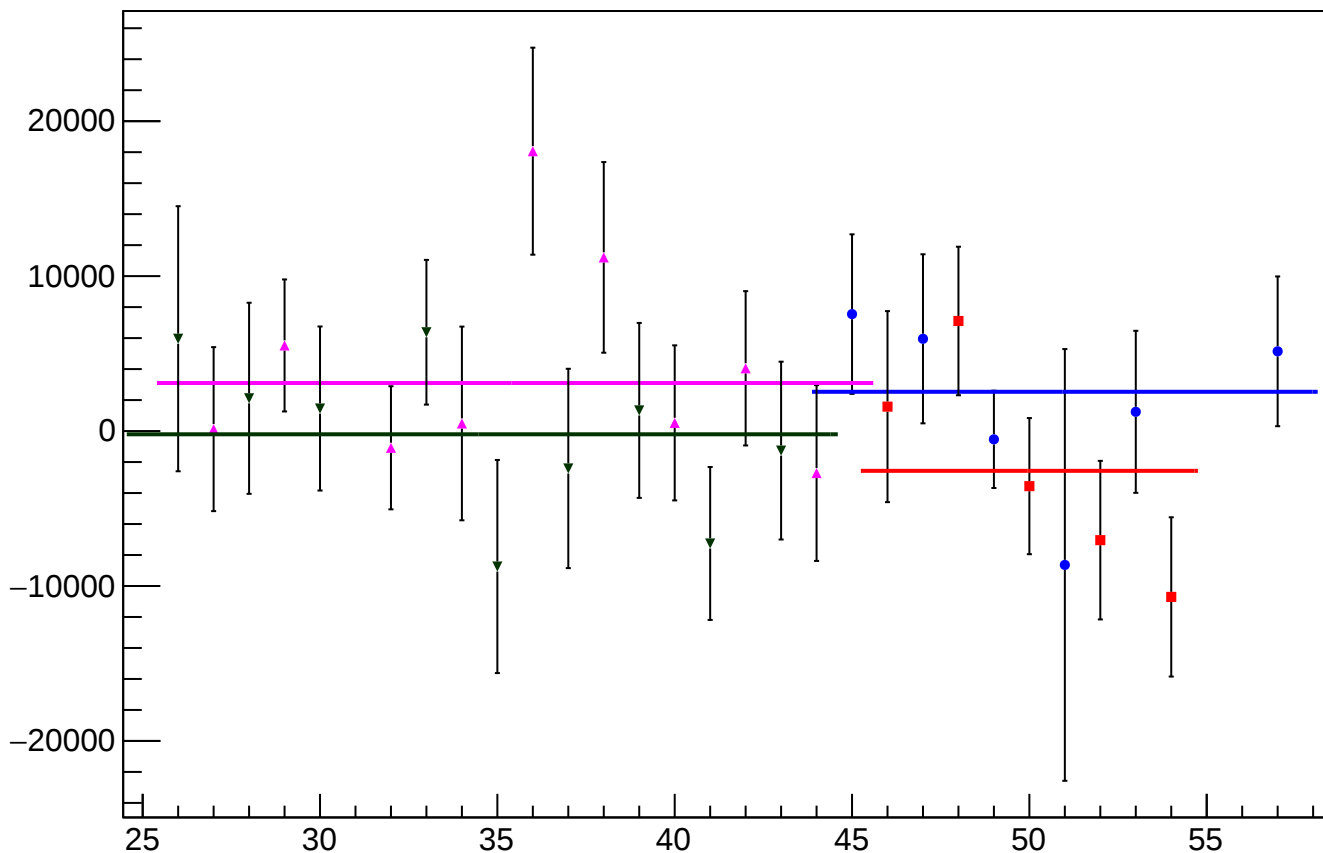
Right Out: 415.471+/-0.189 χ^2/NDF : 40520.9/4

Left In: 417.201+/-0.126 χ^2/NDF : 119064.3/8

412.406+/-0.105 χ^2/NDF : 95950.5/14

416.669+/-0.105 χ^2/NDF : 159643.3/13

asym_sam_37_avg_correction_mean vs slug



Right In: 2534.536 $\pm$ 1971.791 χ^2 /NDF: 3.3/5

Left Out: -208.829 $\pm$ 1925.930 χ^2 /NDF: 6.6/8

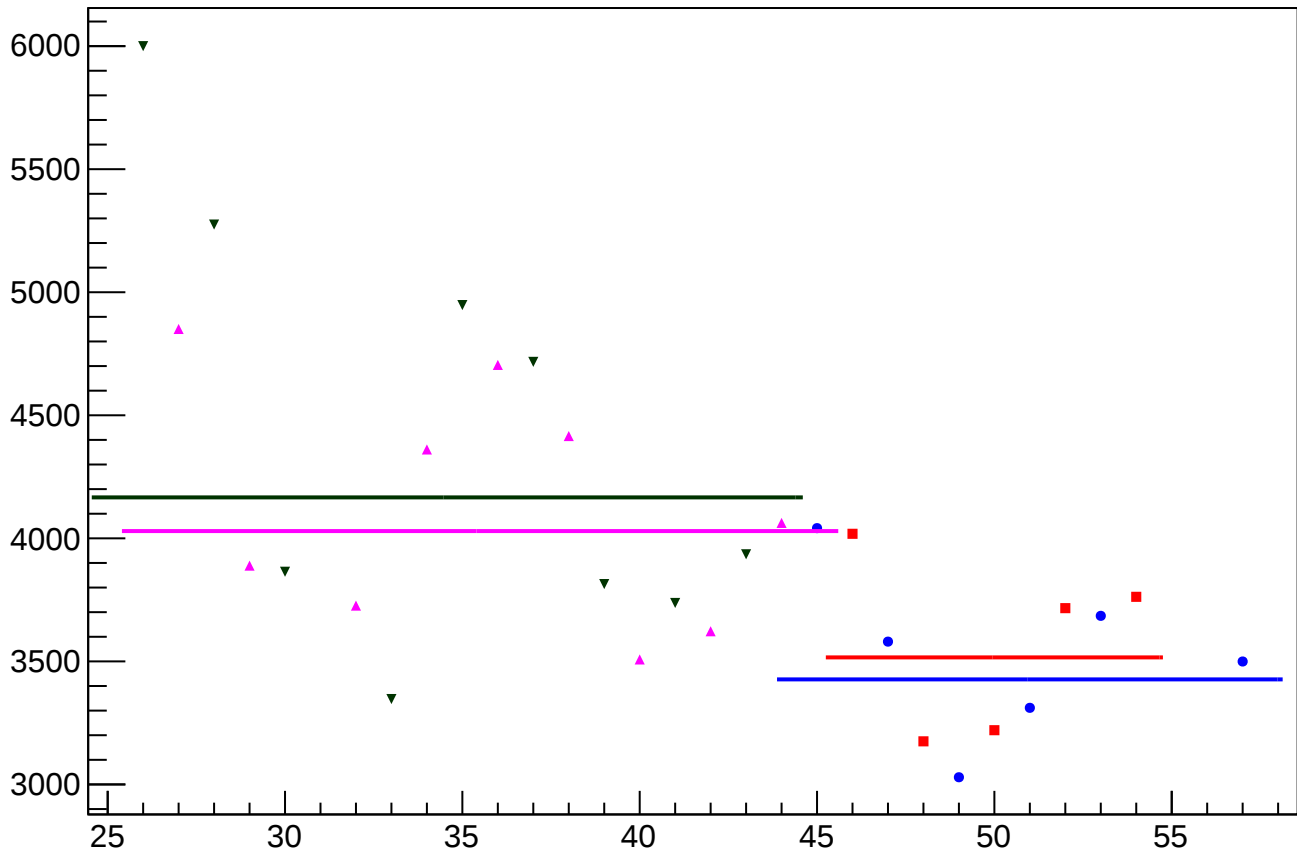
Right Out: -2567.493 $\pm$ 2249.278 χ^2 /NDF: 7.8/4

Left In: 3100.951 $\pm$ 1715.208 χ^2 /NDF: 10.0/8

1130.579 $\pm$ 1377.766 χ^2 /NDF: 10.8/14

1016.735 $\pm$ 1363.900 χ^2 /NDF: 21.9/13

asym_sam_37_avg_correction_rms vs slug



Right In: 3426.845+/-1.394 χ^2/NDF : 67595.9/5

Left Out: 4166.379+/-1.362 χ^2/NDF : 291206.4/8

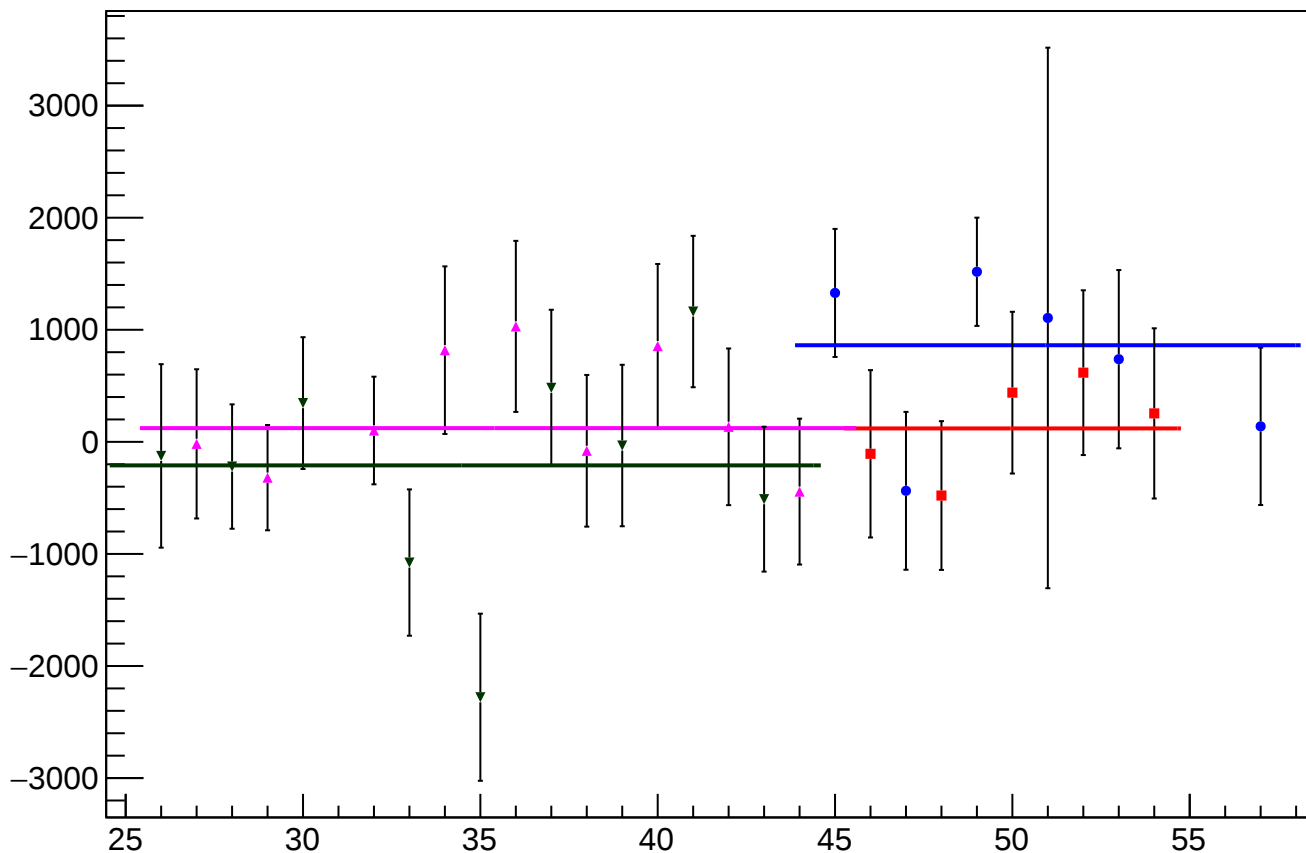
Right Out: 3516.224+/-1.590 χ^2/NDF : 40107.6/4

Left In: 4029.510+/-1.213 χ^2/NDF : 131051.5/8

3805.312+/-0.974 χ^2/NDF : 502780.1/14

3840.781+/-0.964 χ^2/NDF : 237014.9/13

reg_asym_sam_48_avg_mean vs slug



Right In: 862.072 $\pm$ 275.771 χ^2 /NDF: 7.0/5

Left Out: -209.900 $\pm$ 221.674 χ^2 /NDF:15.8/8

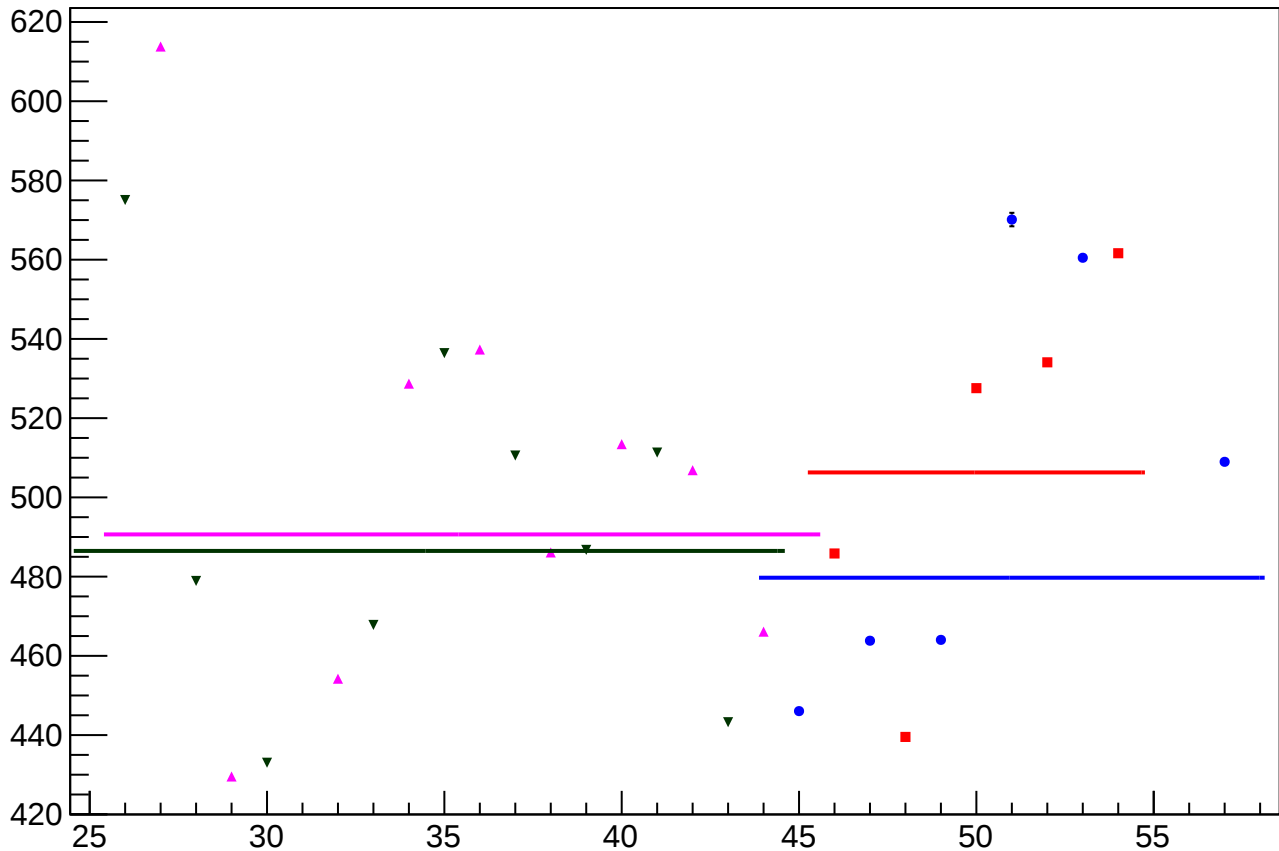
Right Out: 119.893 $\pm$ 323.263 χ^2 /NDF: 1.6/4

Left In: 122.495 $\pm$ 208.120 χ^2 /NDF:5.1/8

210.871 $\pm$ 172.775 χ^2 /NDF: 32.0/14

121.733 $\pm$ 174.990 χ^2 /NDF: 6.6/13

reg_asym_sam_48_avg_rms vs slug



Right In: 479.723+/-0.195 χ^2/NDF : 36978.2/5

Left Out: 486.485+/-0.157 χ^2/NDF : 64970.9/8

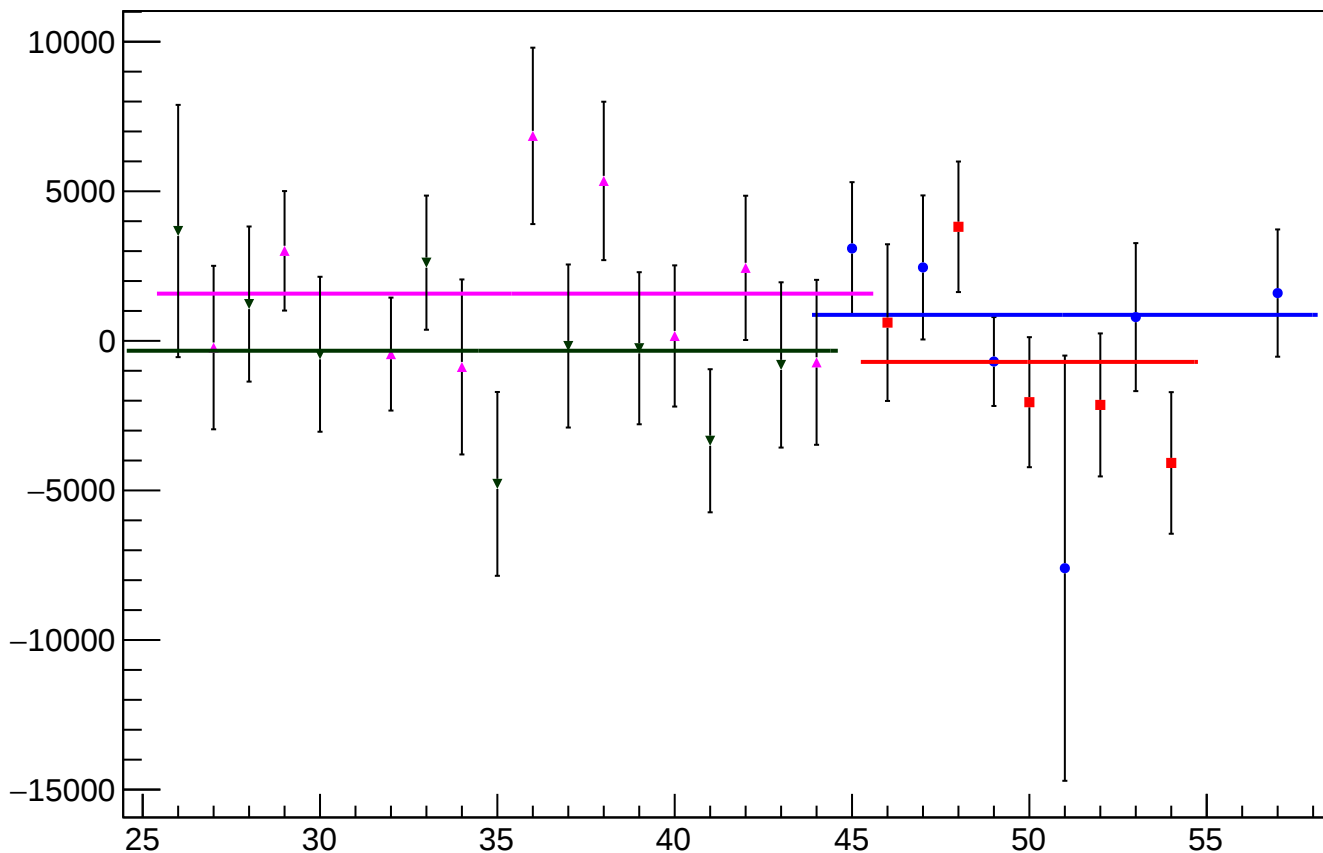
Right Out: 506.298+/-0.229 χ^2/NDF : 36953.9/4

Left In: 490.653+/-0.147 χ^2/NDF : 132367.6/8

483.831+/-0.122 χ^2/NDF : 102679.7/14

495.244+/-0.124 χ^2/NDF : 172631.5/13

asym_sam_48_avg_correction_mean vs slug



Right In: 869.533 $\pm$ 900.444 χ^2 /NDF: 4.1/5

Left Out: -330.295 $\pm$ 892.971 χ^2 /NDF: 6.7/8

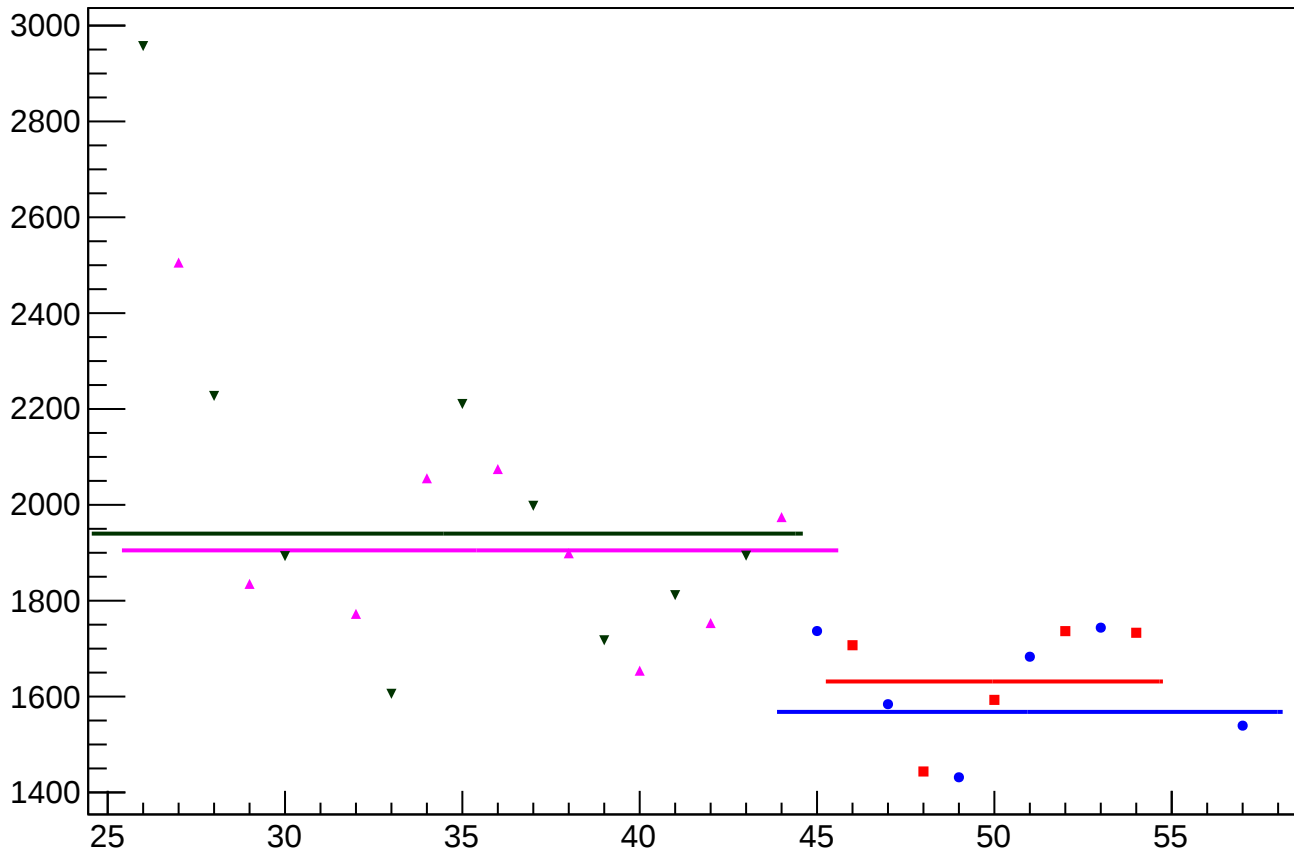
Right Out: -703.284 $\pm$ 1041.975 χ^2 /NDF: 7.3/4

Left In: 1578.556 $\pm$ 810.363 χ^2 /NDF: 9.2/8

264.619 $\pm$ 634.051 χ^2 /NDF: 11.7/14

718.560 $\pm$ 639.680 χ^2 /NDF: 19.5/13

asym_sam_48_avg_correction_rms vs slug



Right In: 1568.016+/-0.637 χ^2/NDF : 39544.1/5

Left Out: 1939.983+/-0.631 χ^2/NDF :224092.6/8

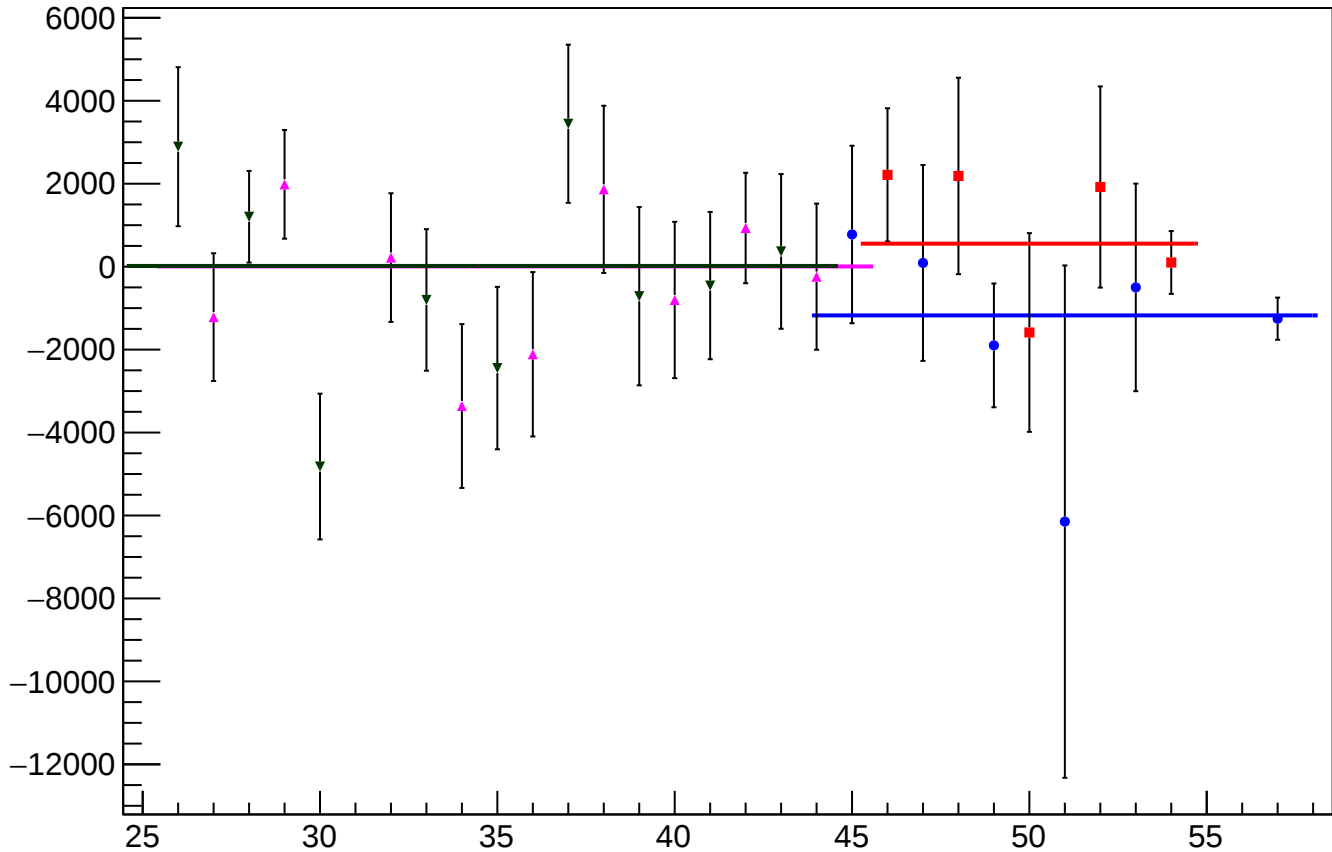
Right Out: 1631.463+/-0.737 χ^2/NDF : 24658.2/4

Left In: 1905.010+/-0.573 χ^2/NDF :152614.4/8

1755.549+/-0.448 χ^2/NDF : 435704.7/14

1801.914+/-0.452 χ^2/NDF : 263163.0/13

asym_sam_15_dd_mean vs slug



Right In: -1175.200 ± 451.532 χ^2/NDF : 2.1/5

Left Out: 17.049 ± 566.564 χ^2/NDF : 16.2/8

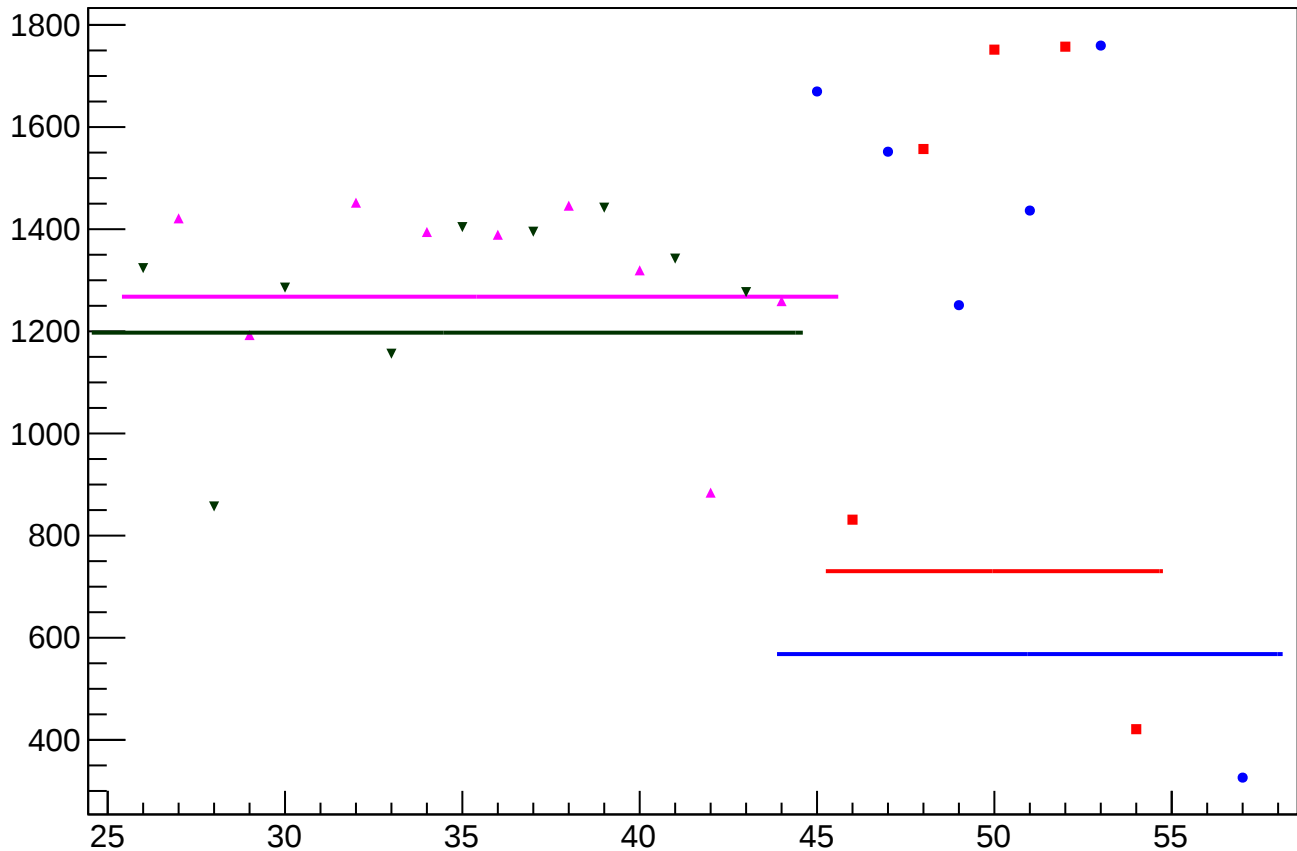
Right Out: 555.401 ± 614.019 χ^2/NDF : 3.0/4

Left In: 4.879 ± 546.821 χ^2/NDF : 8.5/8

-712.087 ± 353.109 χ^2/NDF : 21.1/14

248.378 ± 408.360 χ^2/NDF : 12.0/13

asym_sam_15_dd_rms vs slug



Right In: 568.033+/-0.319 χ^2/NDF : 2242244.0/5

Left Out: 1197.414+/-0.401 χ^2/NDF :291303.5/8

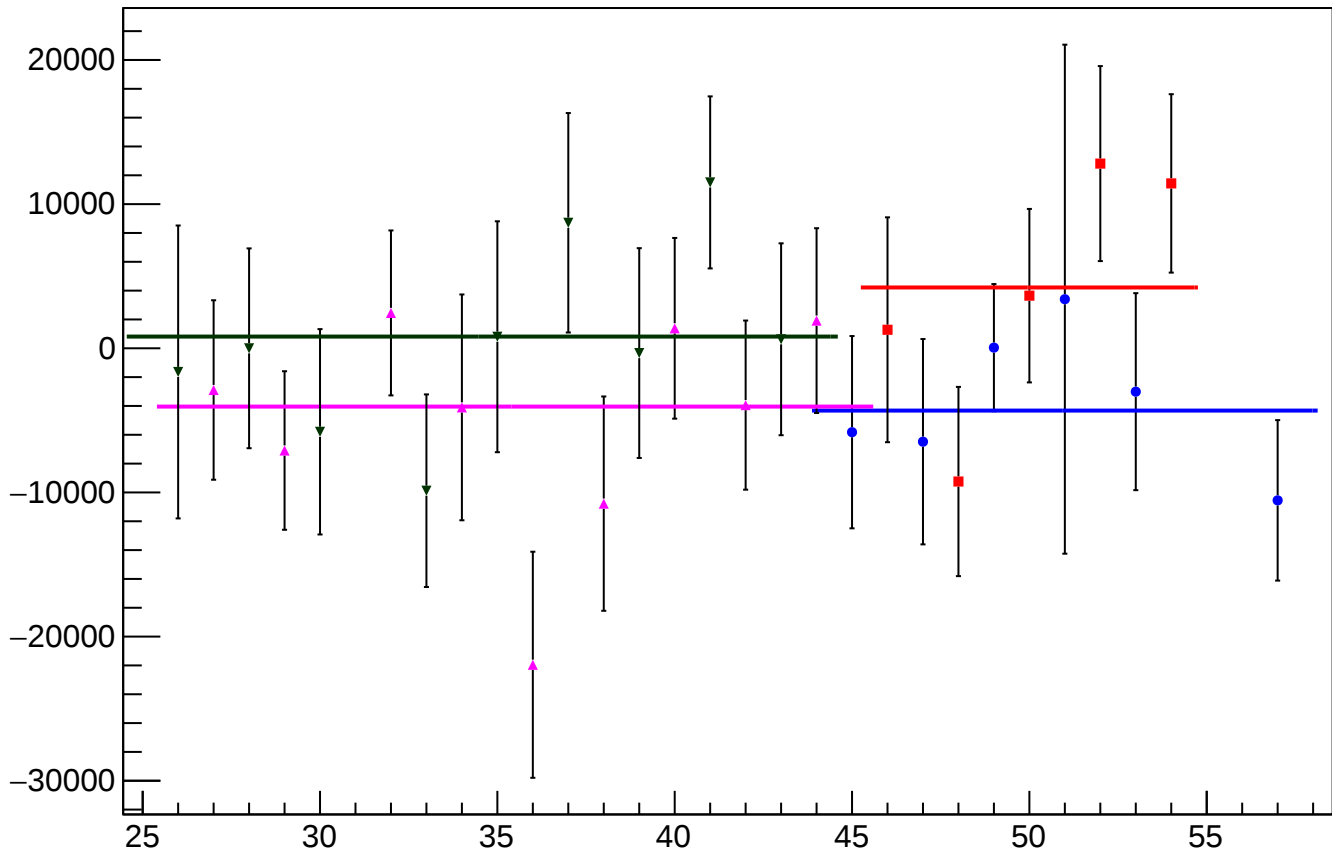
Right Out: 730.379+/-0.434 χ^2/NDF : 1307165.9/4

Left In: 1267.855+/-0.387 χ^2/NDF :253536.2/8

812.507+/-0.250 χ^2/NDF : 4042934.2/14

1030.126+/-0.289 χ^2/NDF : 2415335.0/13

asym_sam_26_dd_mean vs slug



Right In: -4321.299 ± 2577.760 χ^2/NDF : 2.6/5

Left Out: 812.648 ± 2390.317 χ^2/NDF : 7.8/8

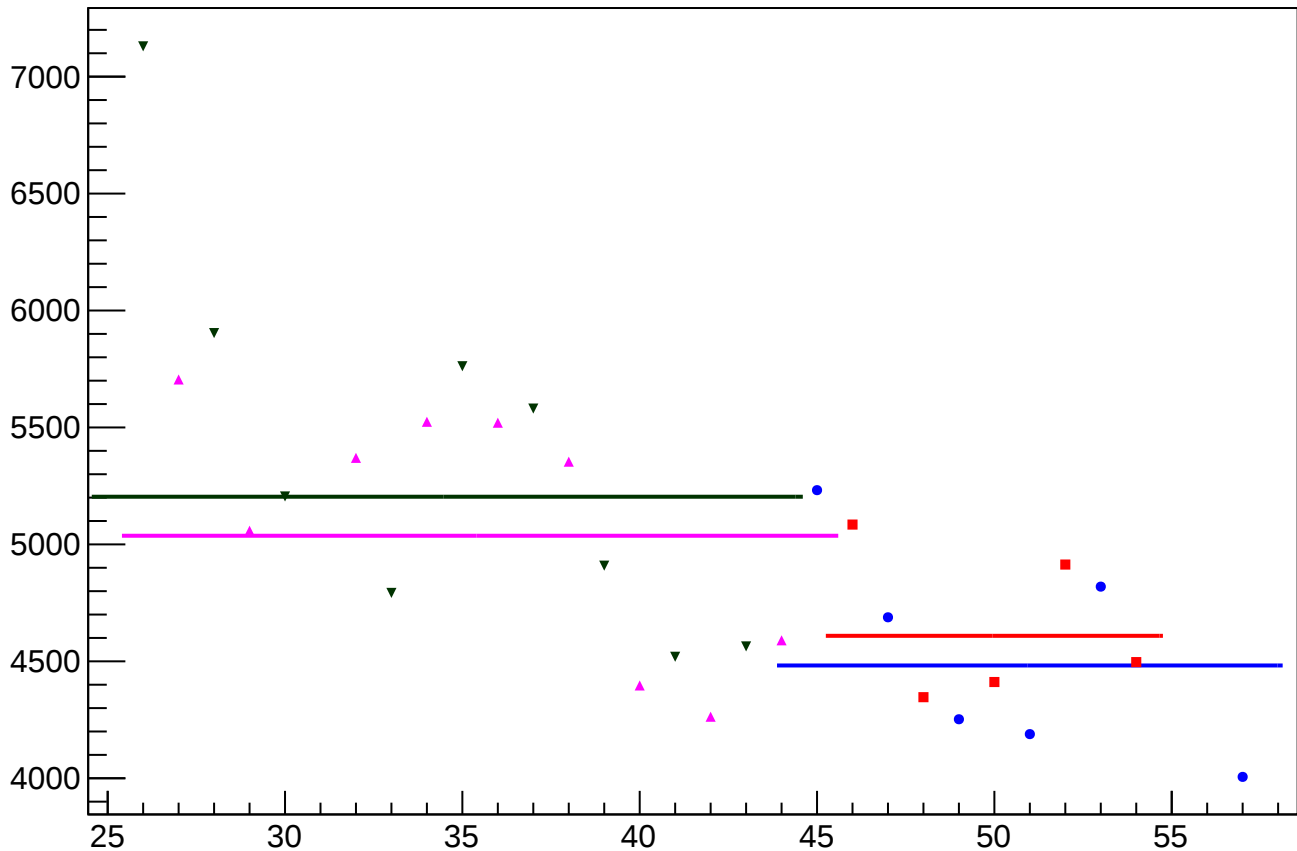
Right Out: 4218.739 ± 2945.842 χ^2/NDF : 7.3/4

Left In: -4044.605 ± 2137.141 χ^2/NDF : 9.3/8

-1560.900 ± 1752.733 χ^2/NDF : 12.5/14

-1195.172 ± 1729.859 χ^2/NDF : 21.8/13

asym_sam_26_dd_rms vs slug



Right In: 4482.272+/-1.823 χ^2/NDF : 52445.0/5

Left Out: 5203.831+/-1.690 χ^2/NDF :162509.9/8

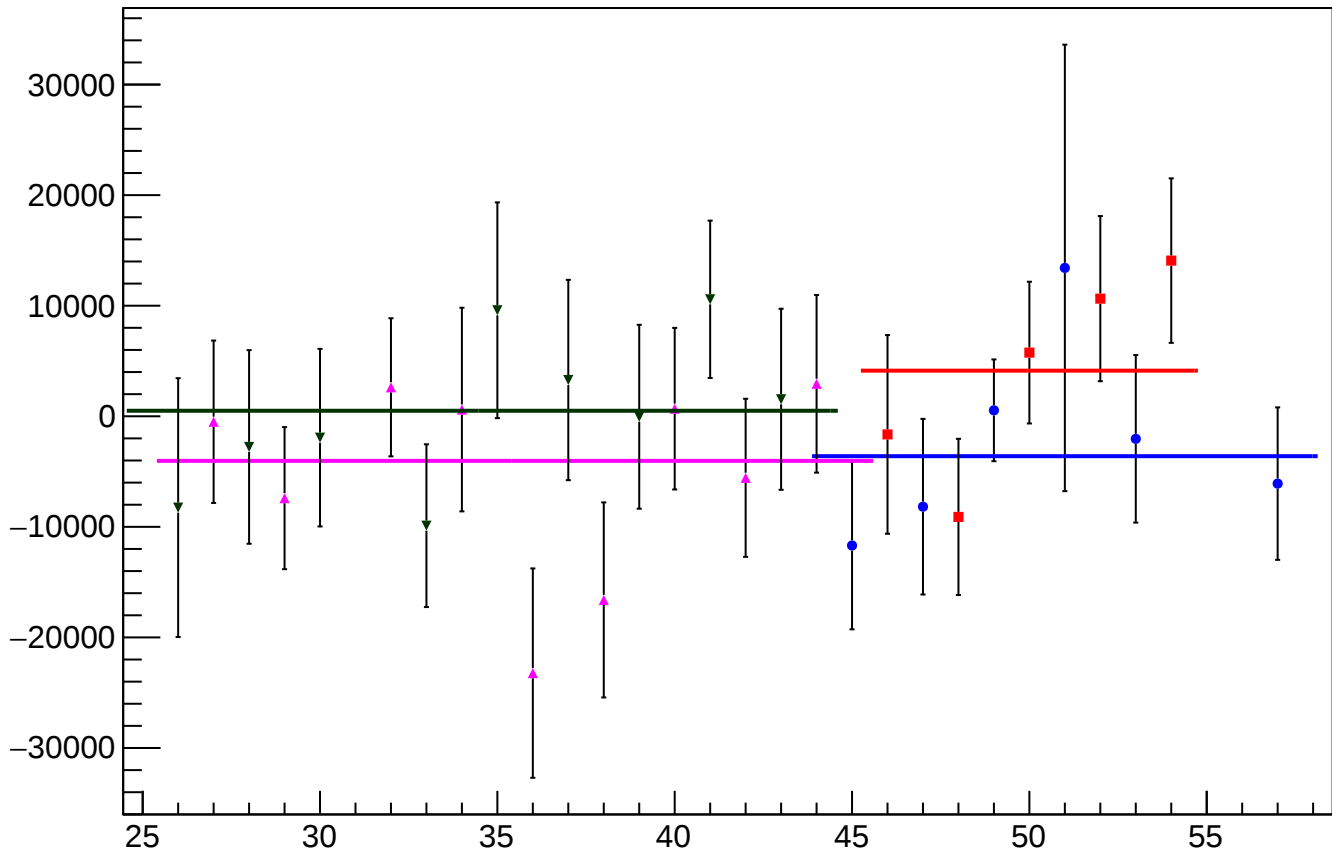
Right Out: 4609.081+/-2.083 χ^2/NDF : 17508.6/4

Left In: 5036.971+/-1.511 χ^2/NDF :114222.6/8

4870.237+/-1.239 χ^2/NDF : 299212.7/14

4889.422+/-1.223 χ^2/NDF : 159377.1/13

asym_sam_37_dd_mean vs slug



Right In: -3609.632 ± 2870.117 $\chi^2/\text{NDF}: 3.2/5$

Left Out: 499.140 ± 2815.711 $\chi^2/\text{NDF}: 5.8/8$

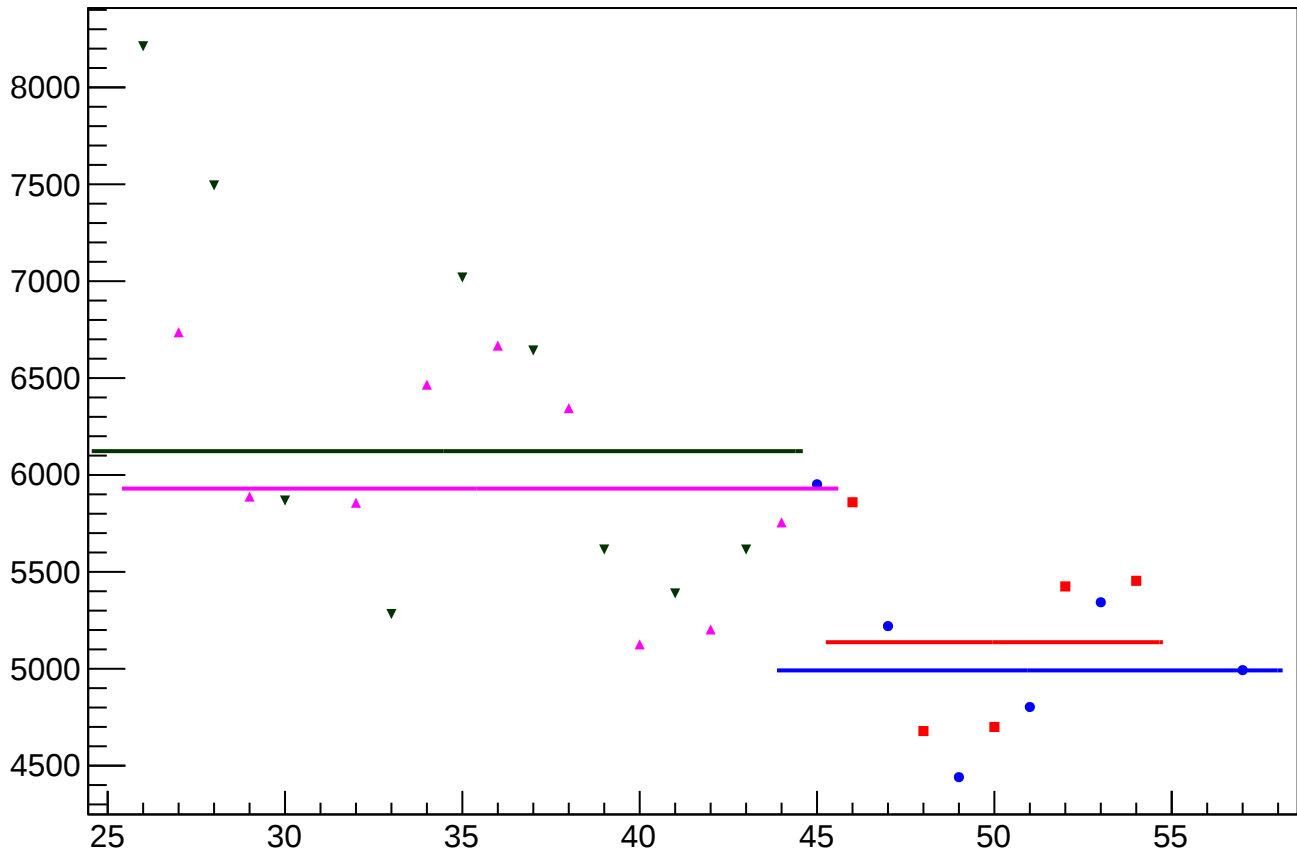
Right Out: 4126.339 ± 3283.029 $\chi^2/\text{NDF}: 6.5/4$

Left In: -4033.740 ± 2515.841 $\chi^2/\text{NDF}: 9.3/8$

-1515.934 ± 2009.968 $\chi^2/\text{NDF}: 10.0/14$

-1014.704 ± 1996.925 $\chi^2/\text{NDF}: 19.7/13$

asym_sam_37_dd_rms vs slug



Right In: 4991.561+/-2.029 χ^2/NDF : 66893.0/5

Left Out: 6122.948+/-1.991 χ^2/NDF : 200766.5/8

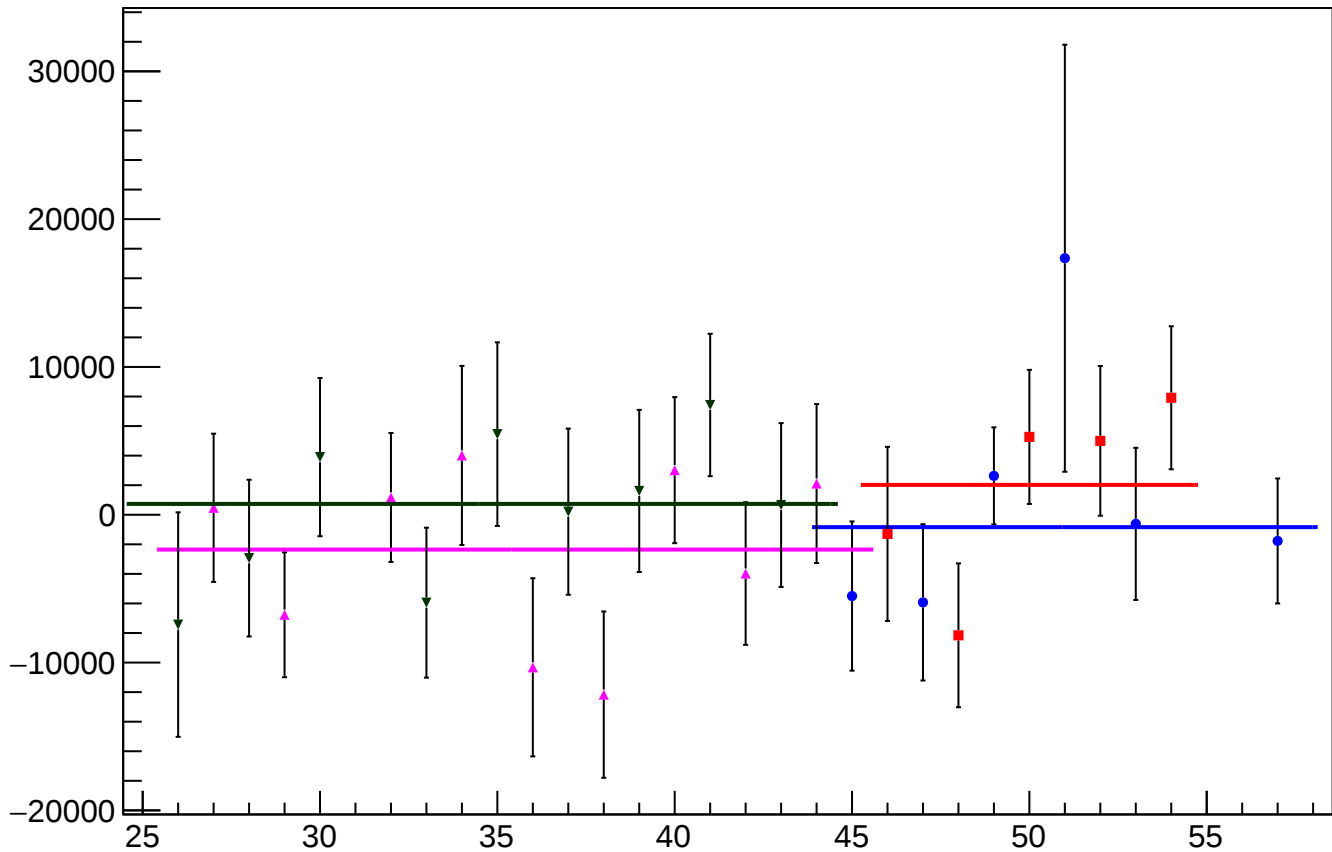
Right Out: 5137.066+/-2.321 χ^2/NDF : 37261.2/4

Left In: 5929.846+/-1.779 χ^2/NDF : 93668.6/8

5568.080+/-1.421 χ^2/NDF : 426023.0/14

5636.536+/-1.412 χ^2/NDF : 204405.3/13

asym_sam_48_dd_mean vs slug



Right In: -838.139+/-1938.050 χ^2/NDF : 4.5/5

Left Out: 733.618+/-1847.056 χ^2/NDF : 6.3/8

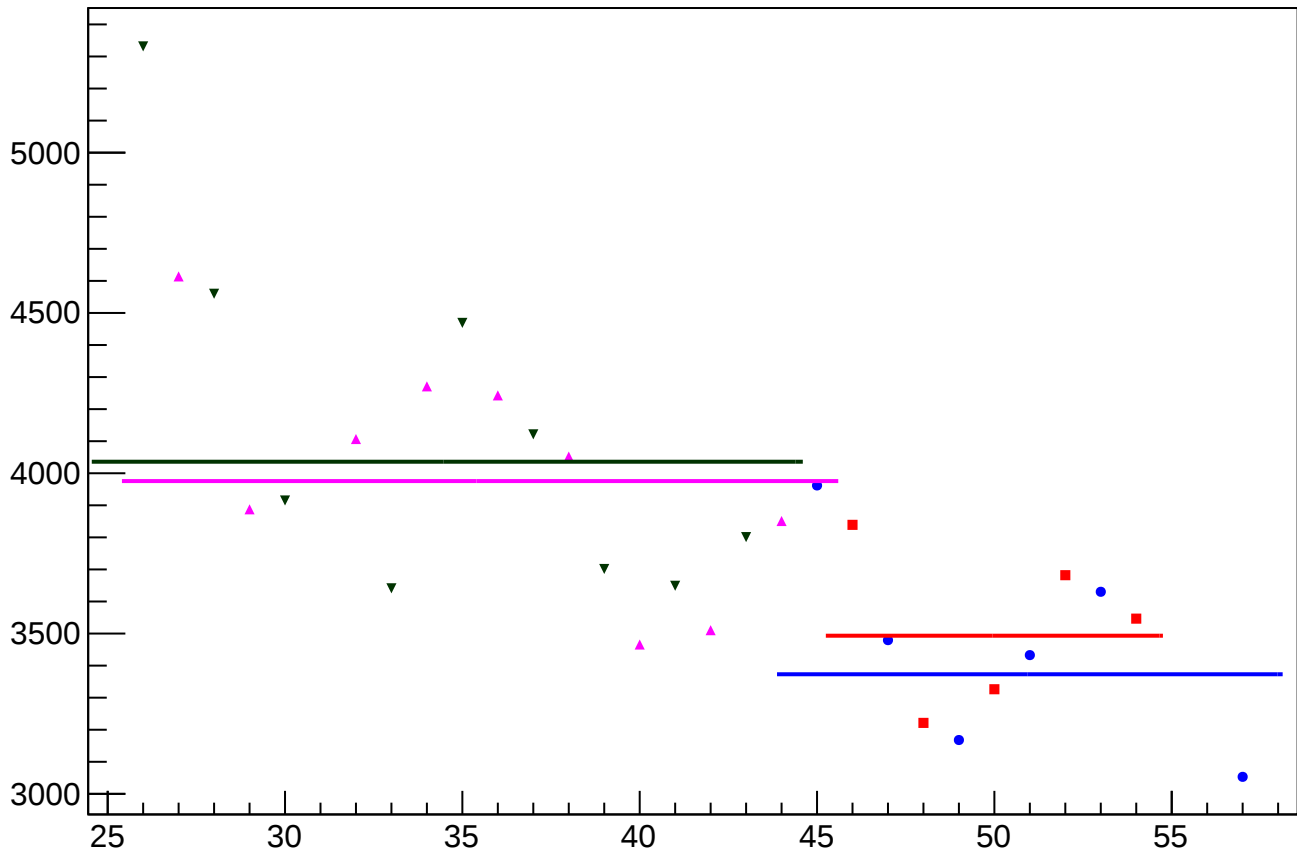
Right Out: 2020.652+/-2228.312 χ^2/NDF : 7.0/4

Left In: -2354.799+/-1682.711 χ^2/NDF : 9.9/8

-14.497+/-1337.078 χ^2/NDF : 11.1/14

-765.812+/-1342.842 χ^2/NDF : 19.4/13

asym_sam_48_dd_rms vs slug



Right In: 3373.023+/-1.370 χ^2/NDF : 52314.9/5

Left Out: 4035.979+/-1.306 χ^2/NDF : 124959.6/8

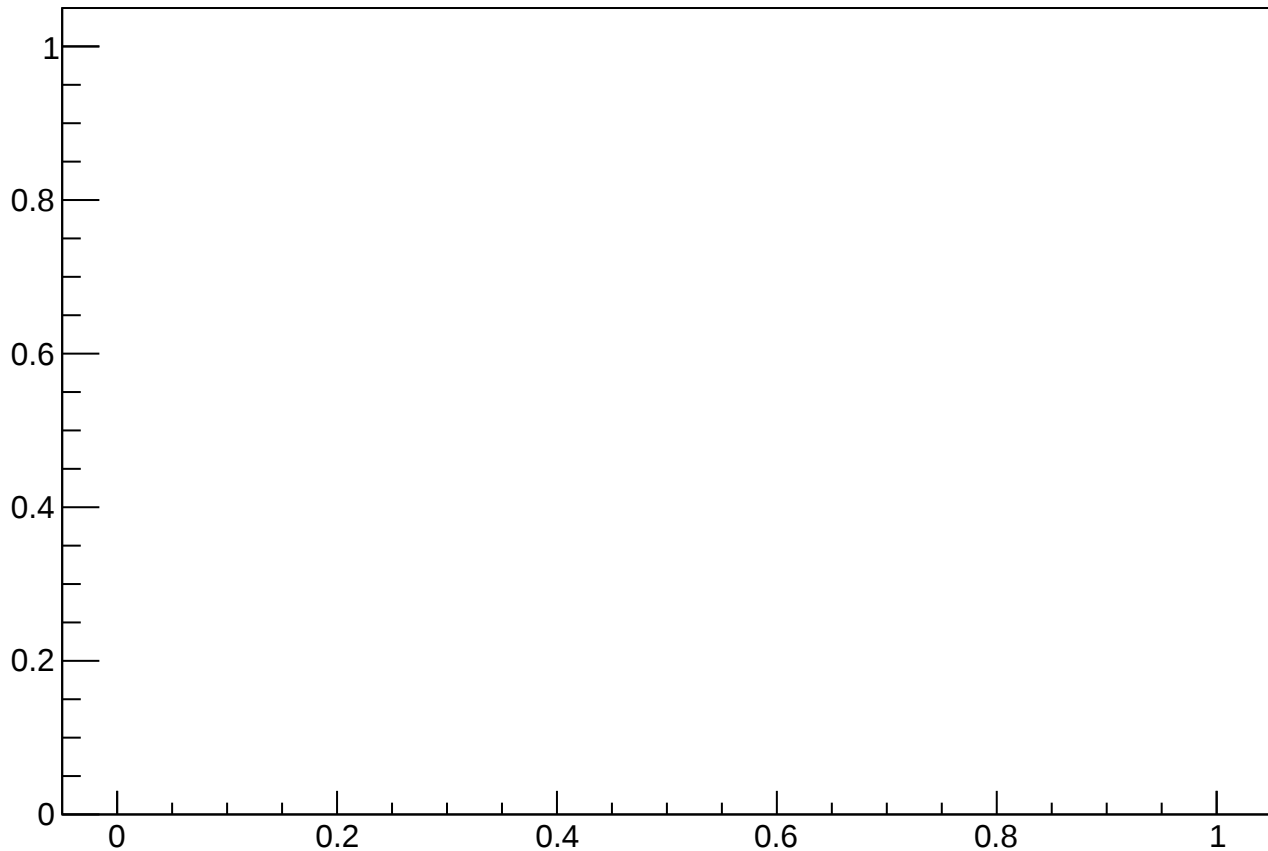
3720.429+/-0.945 χ^2/NDF : 299911.7/14

Right Out: 3493.286+/-1.576 χ^2/NDF : 18879.0/4

3800.446+/-0.950 χ^2/NDF : 163640.2/13

Left In: 3975.604+/-1.190 χ^2/NDF : 85088.4/8

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

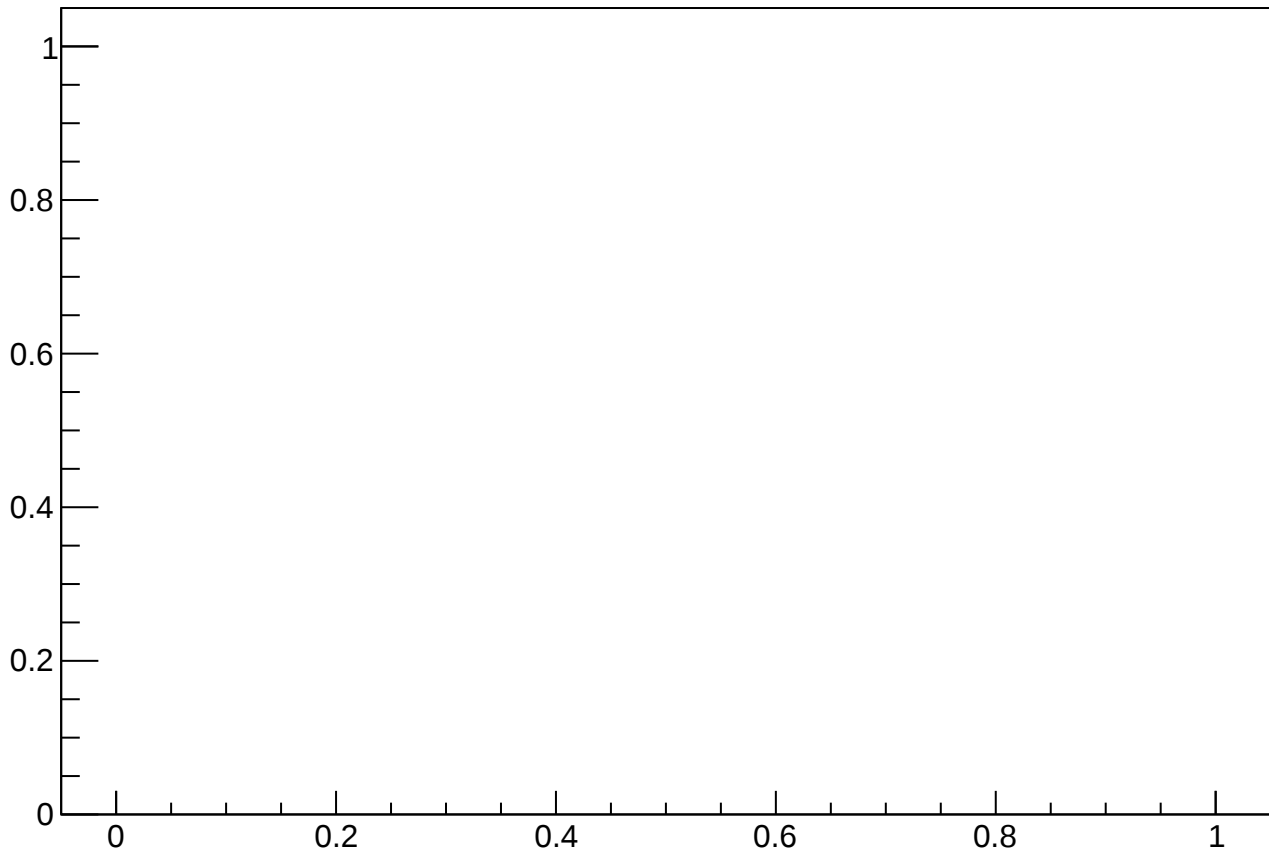
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

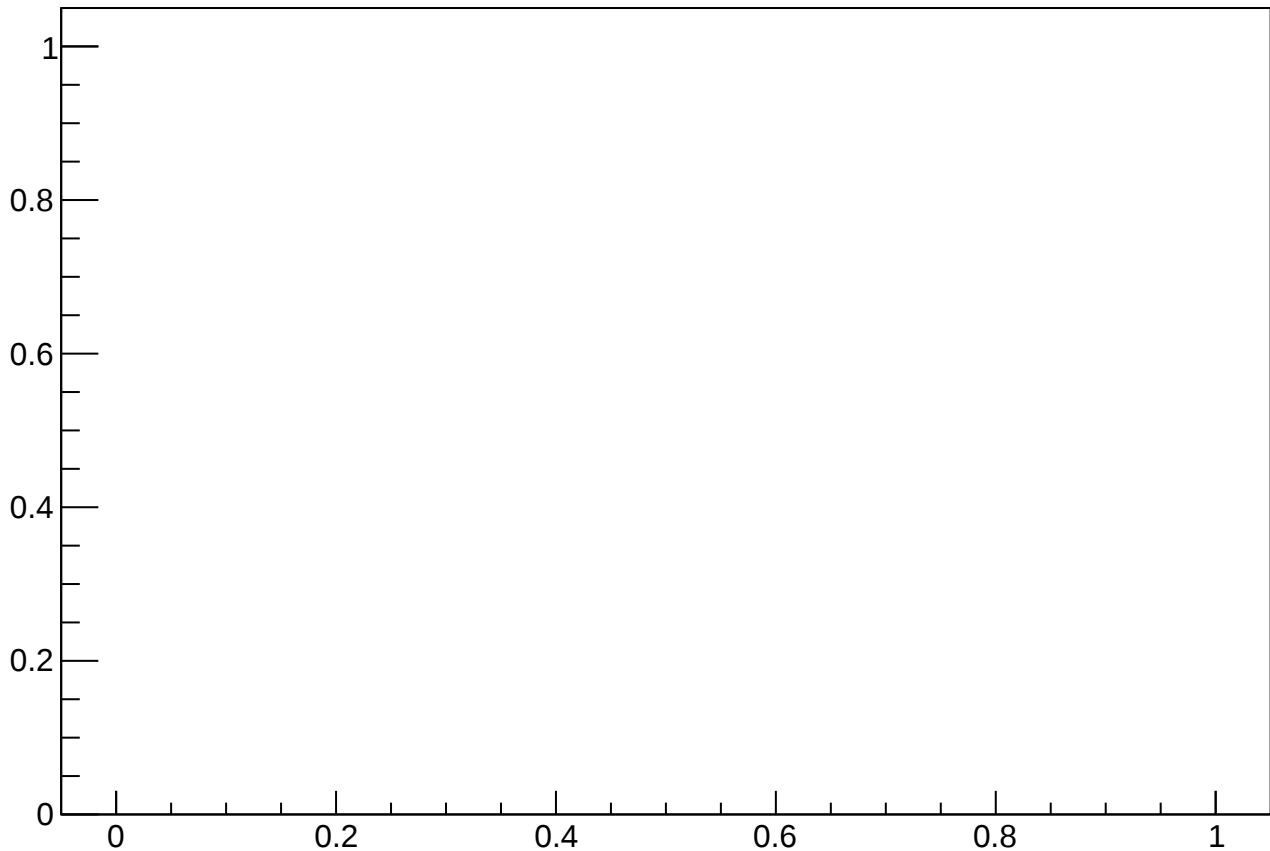
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

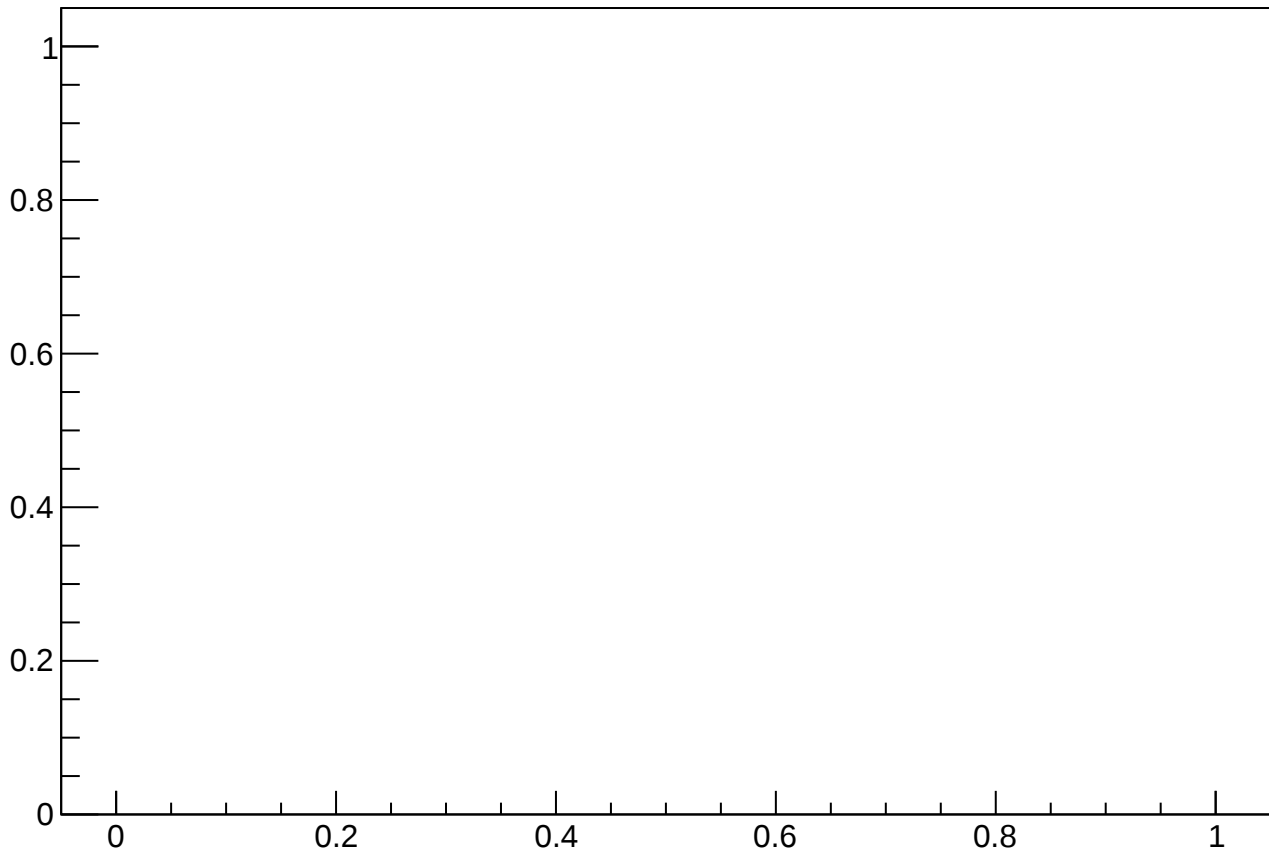
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

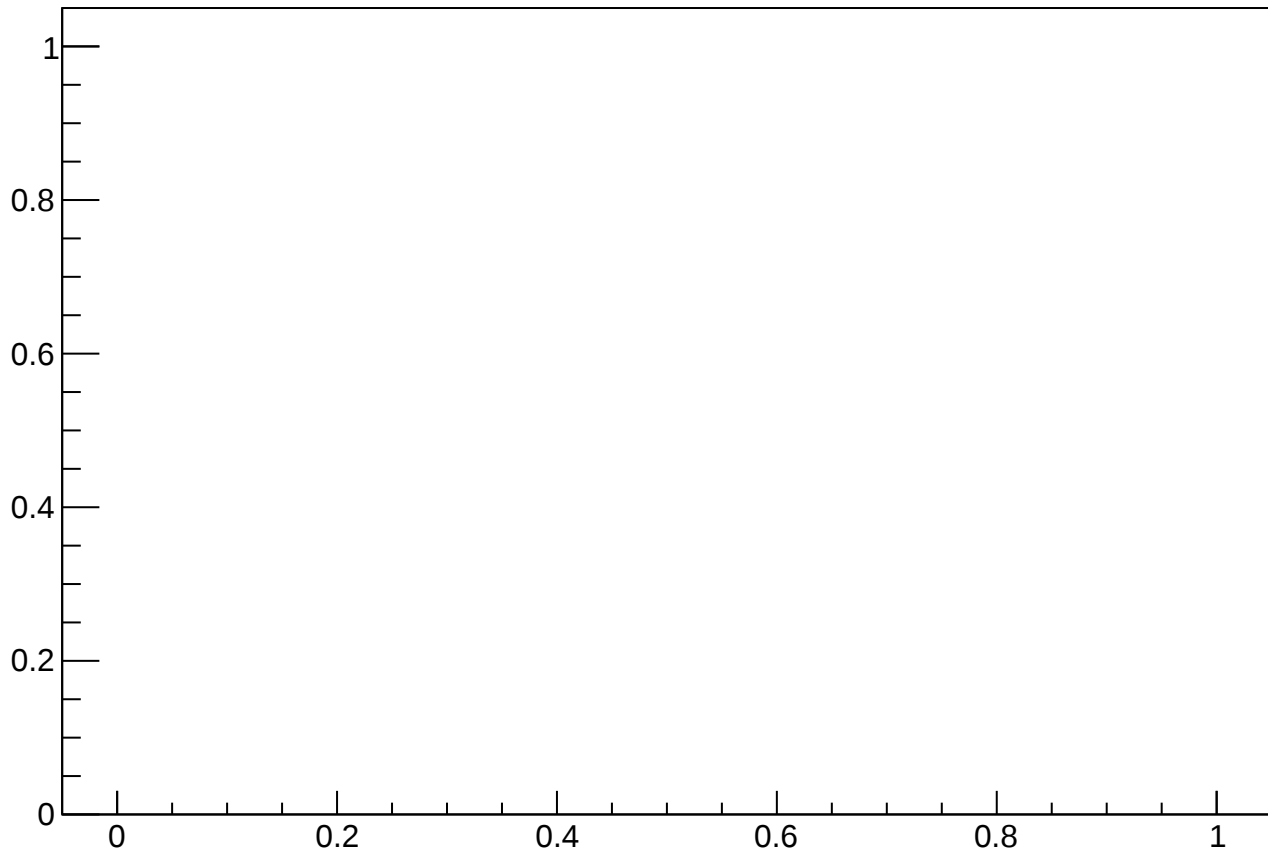
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

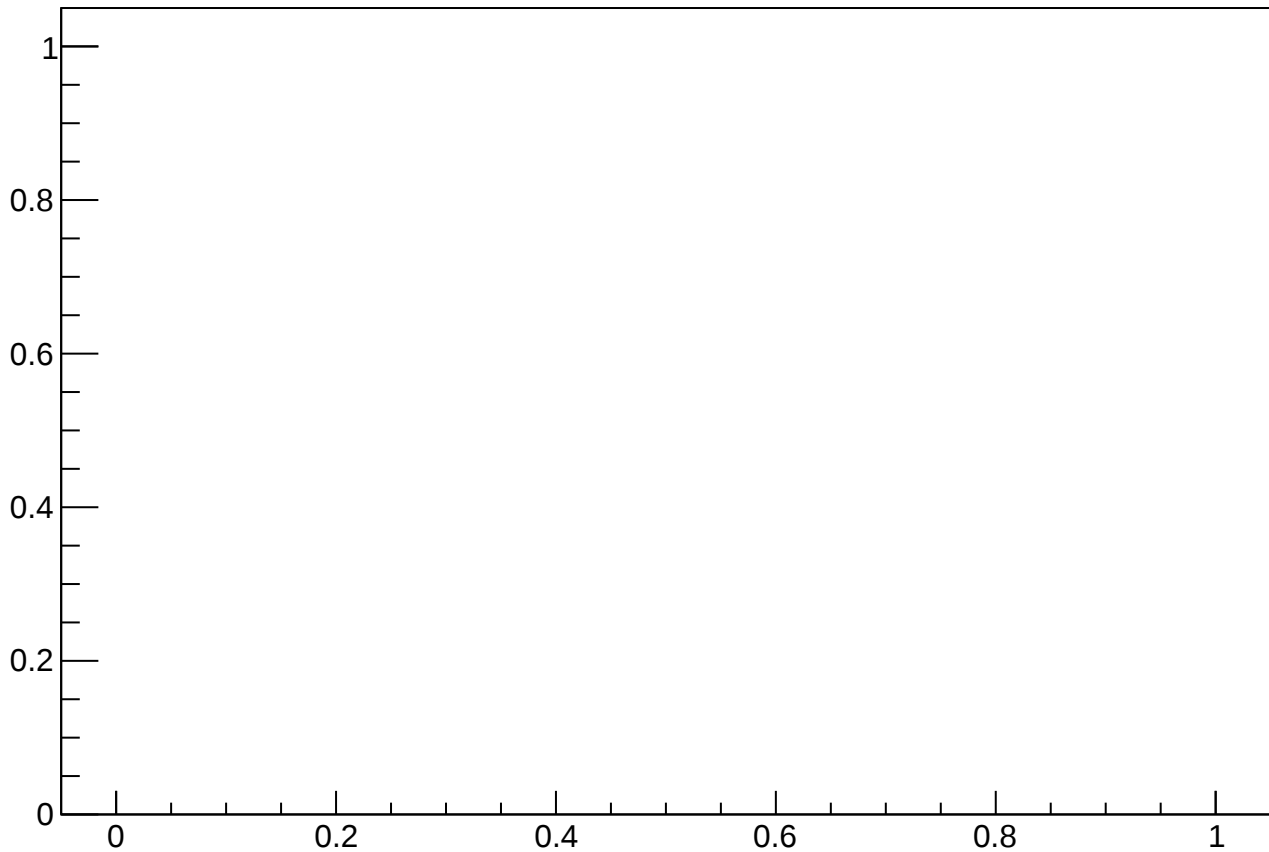
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

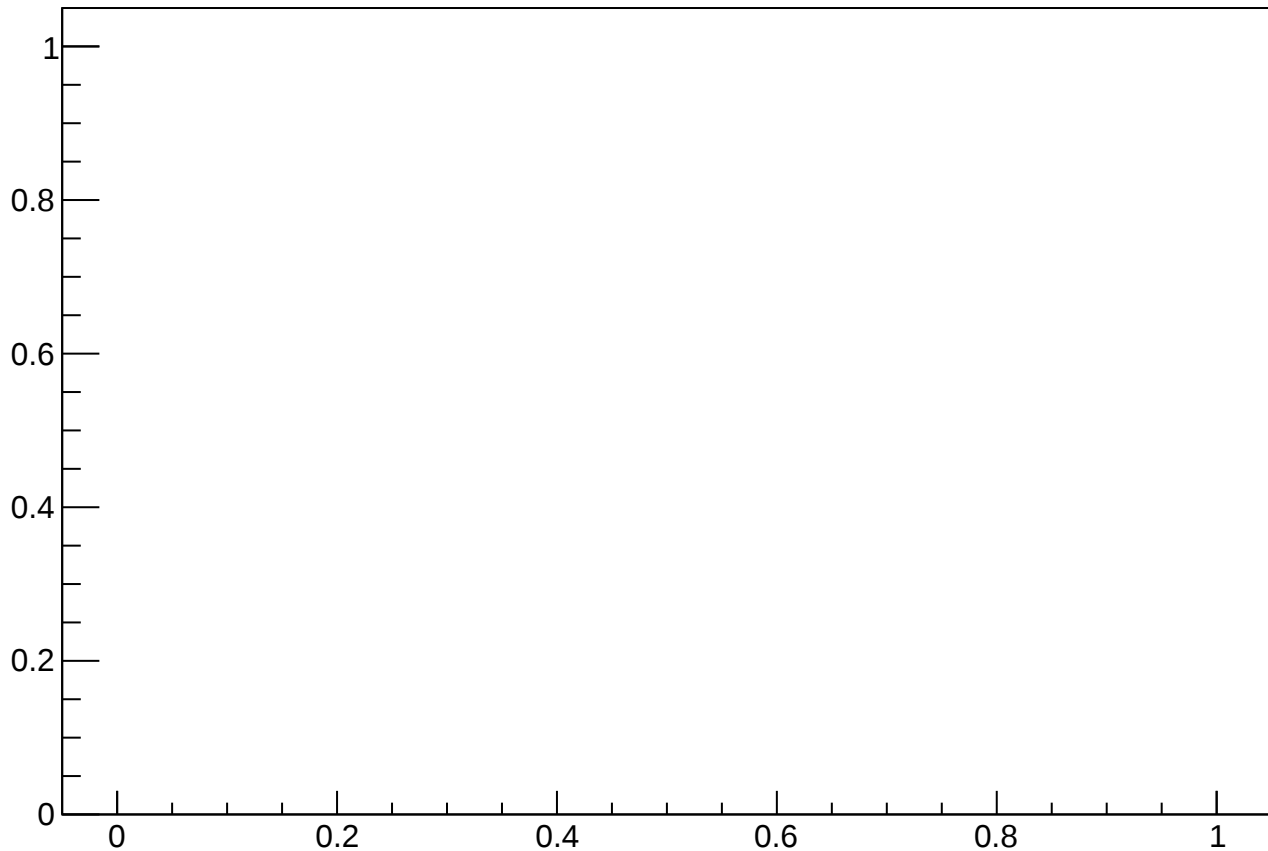
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

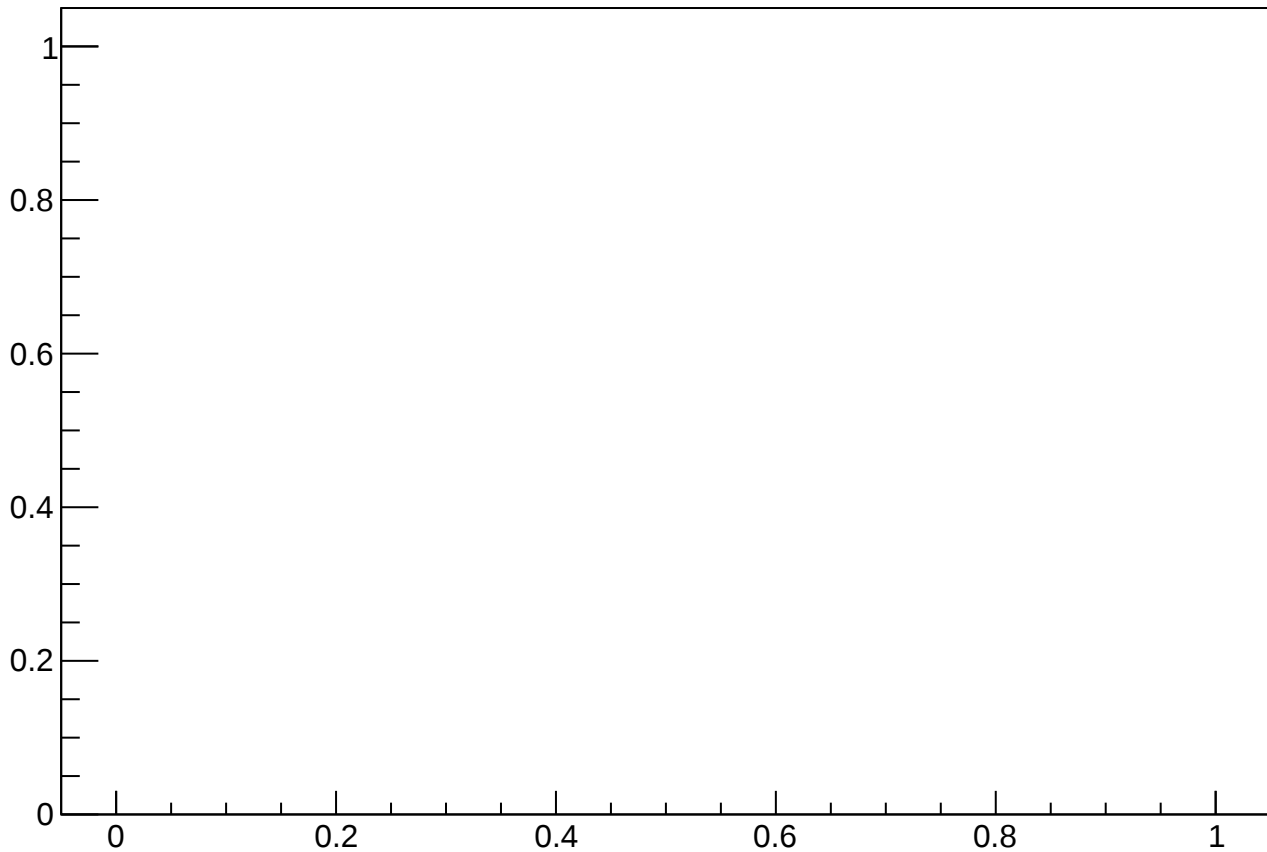
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

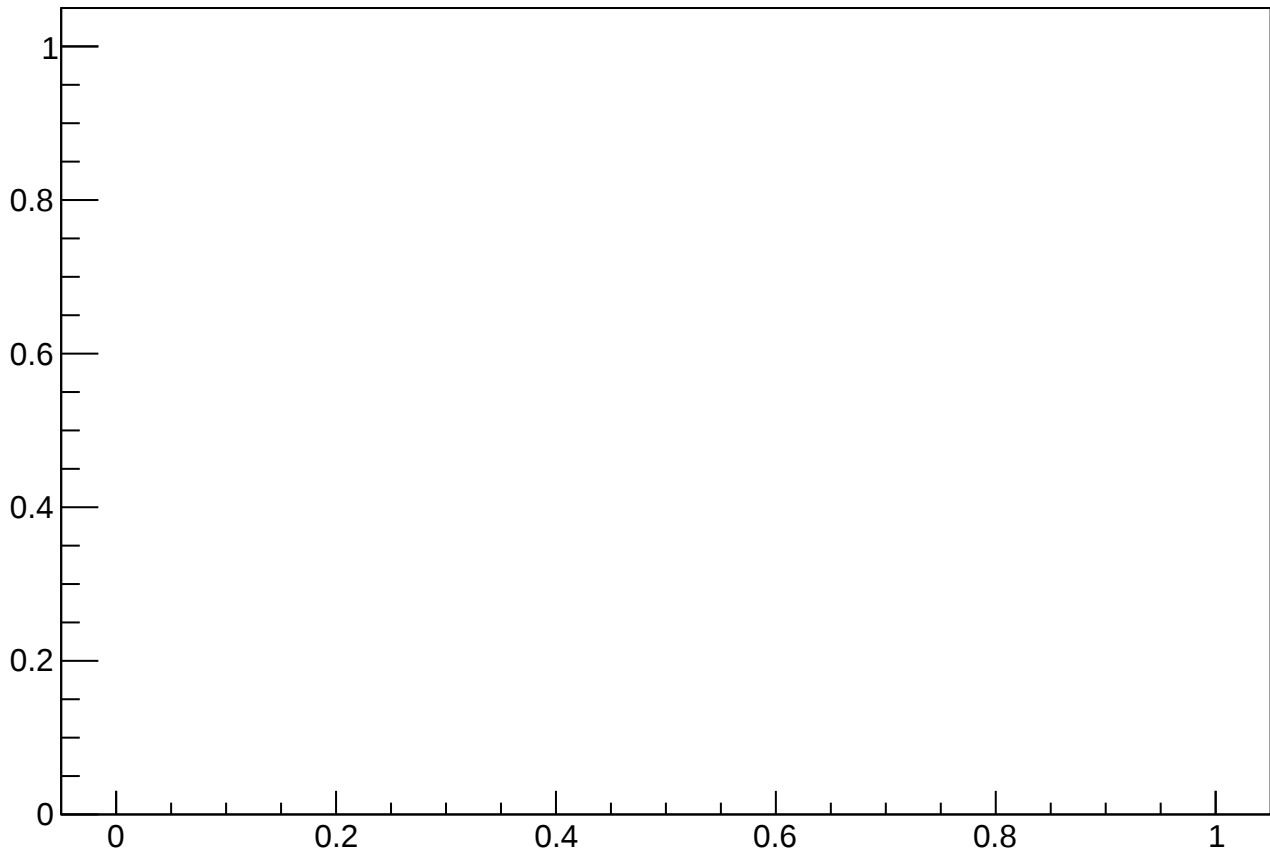
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

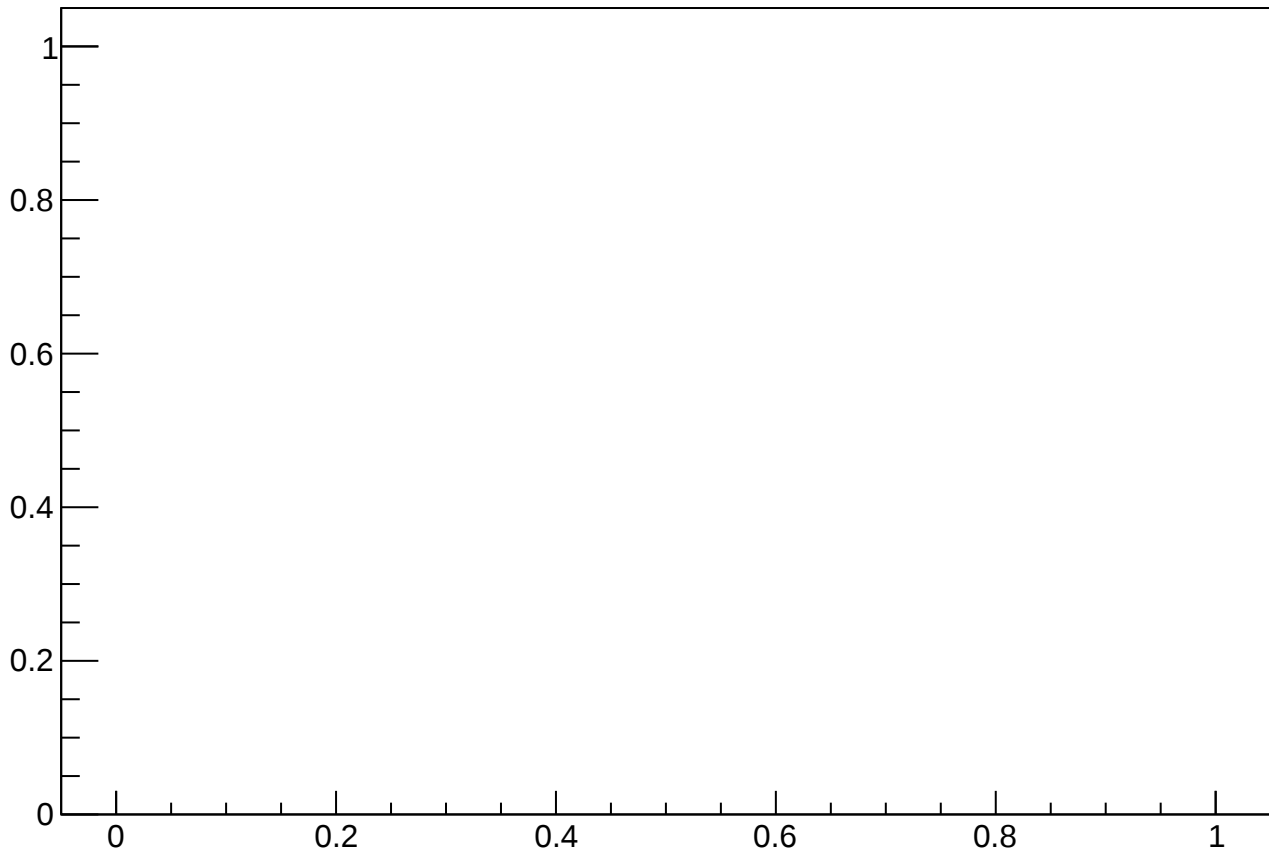
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

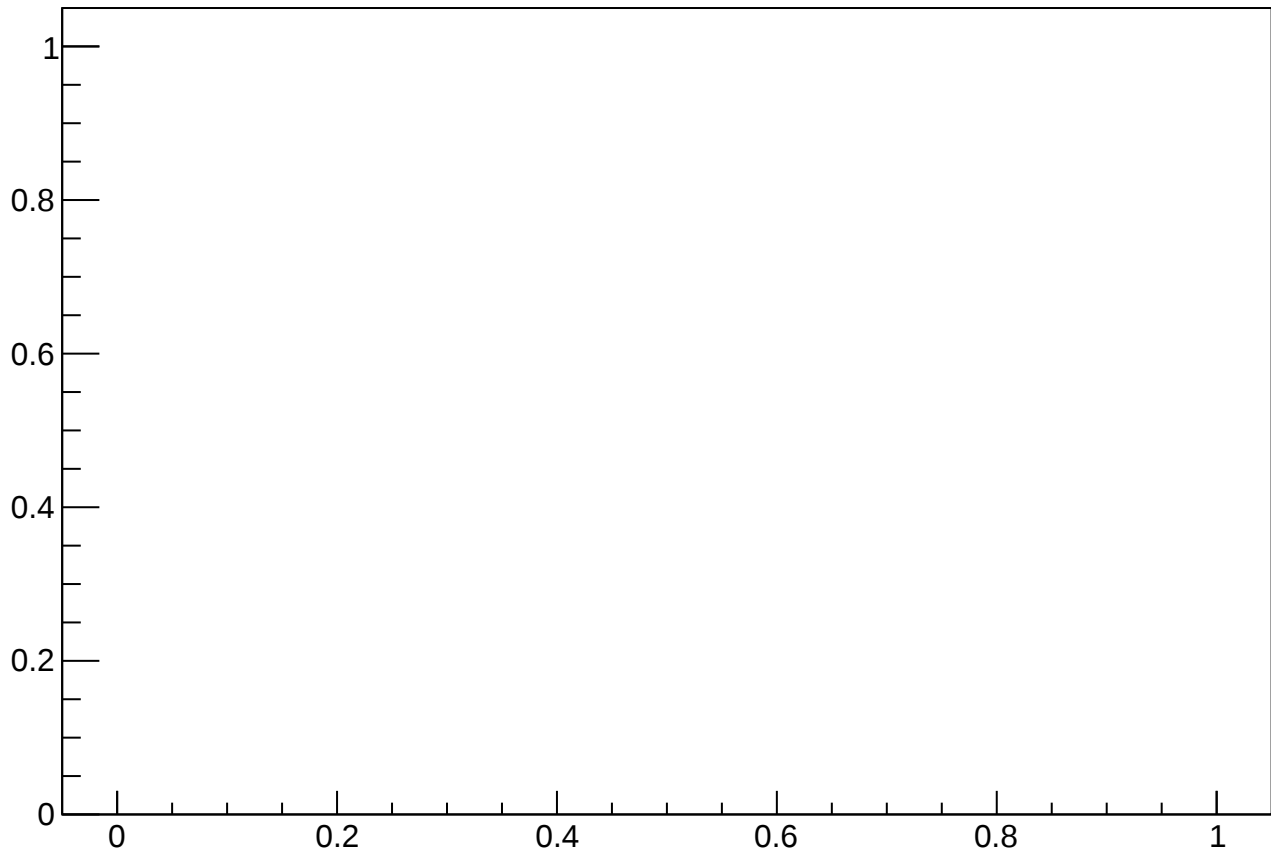
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_26_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

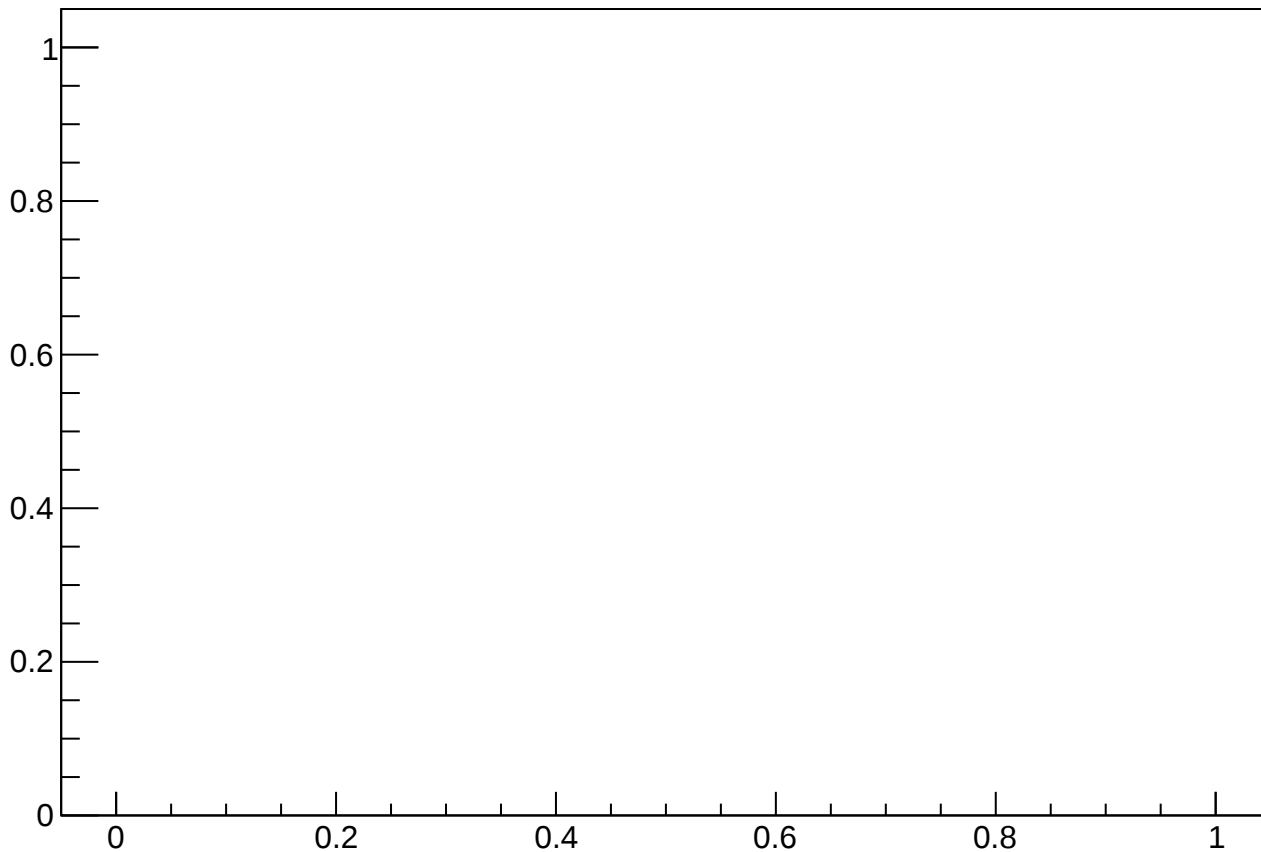
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

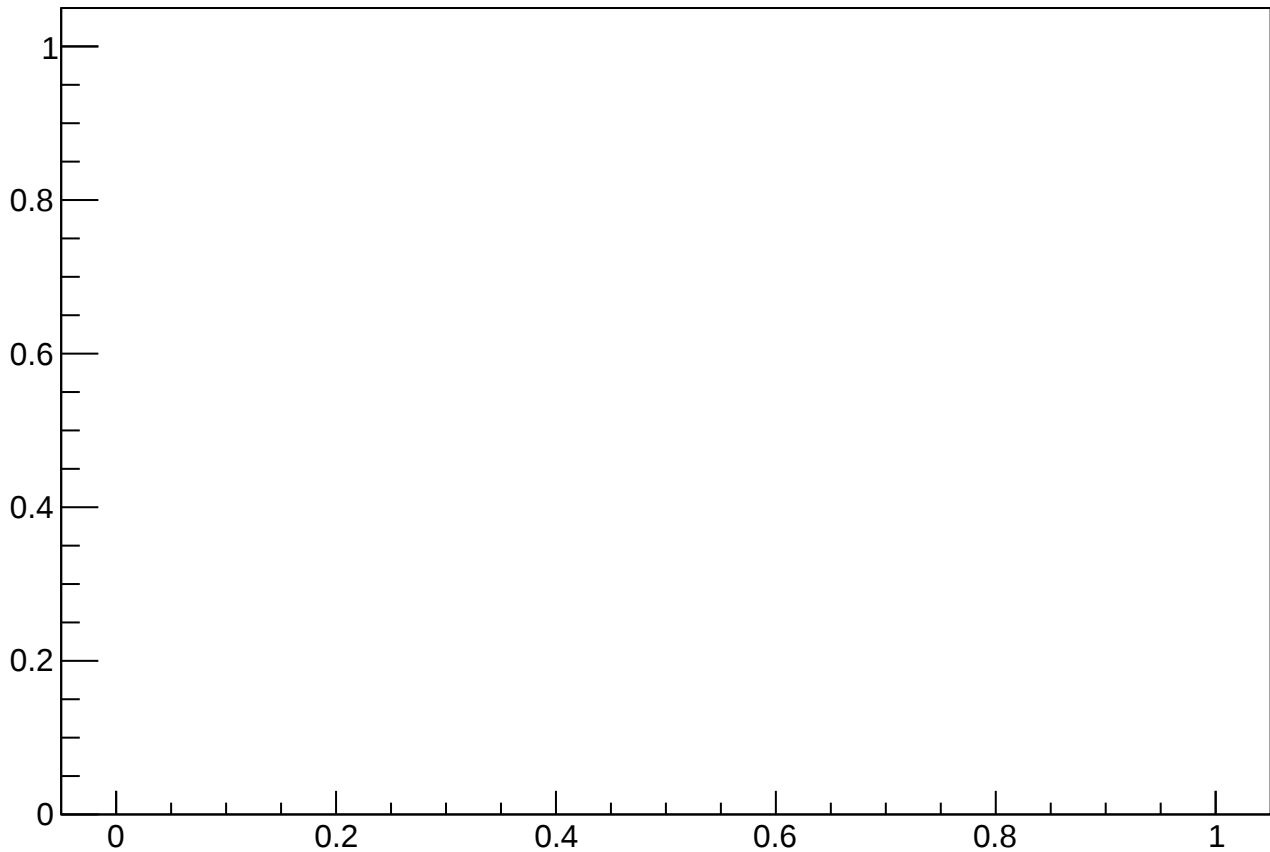
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

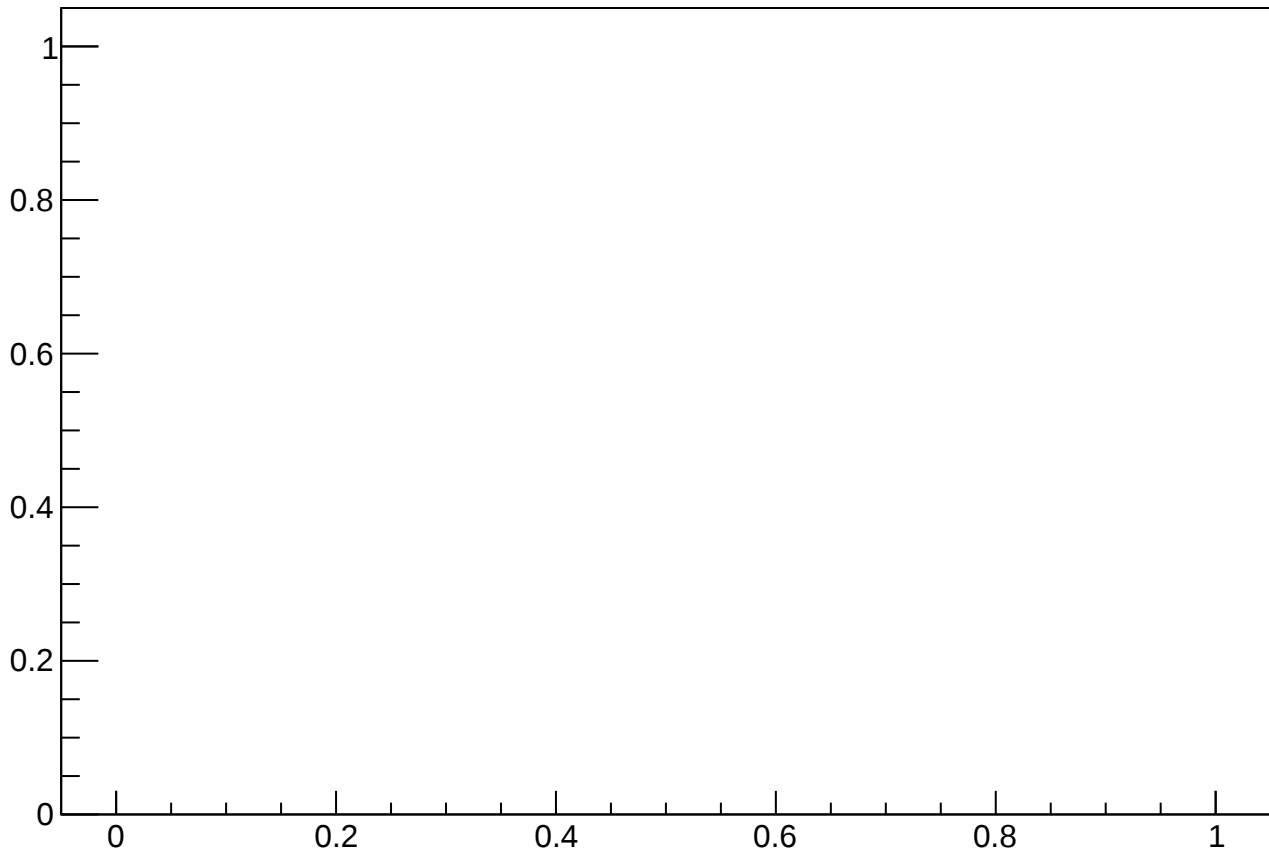
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

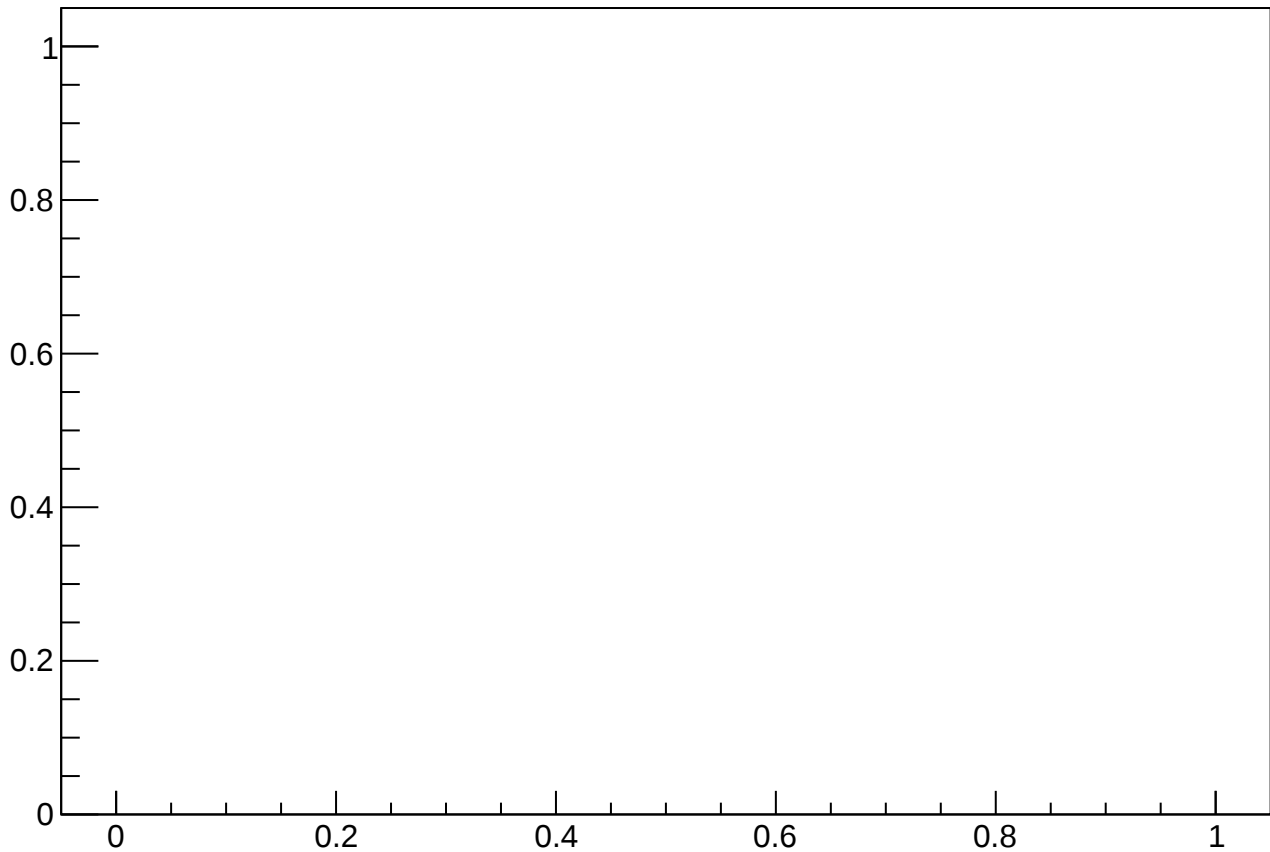
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

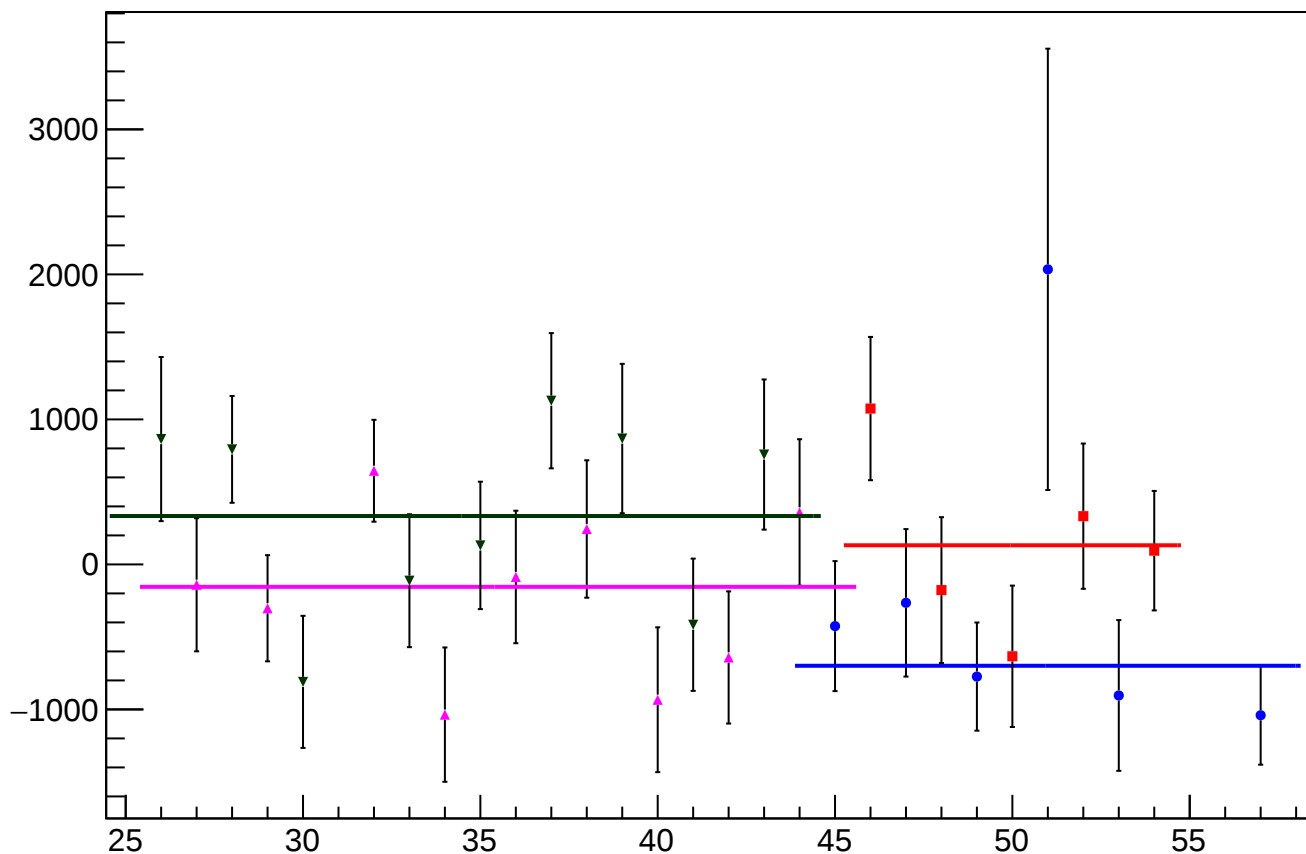
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -698.978 ± 186.516 $\chi^2/\text{NDF}: 5.5/5$

Left Out: 333.723 ± 154.013 $\chi^2/\text{NDF}: 17.3/8$

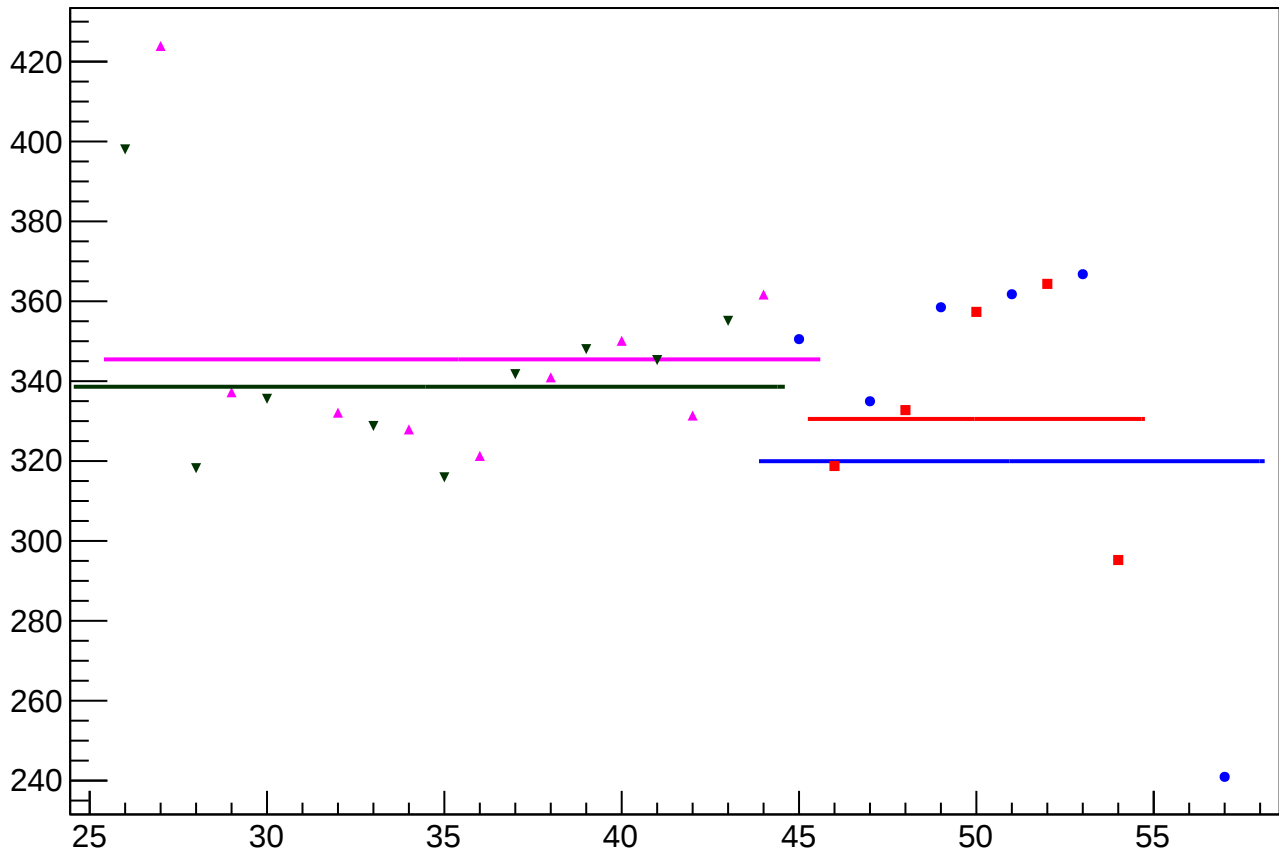
Right Out: 131.892 ± 212.527 $\chi^2/\text{NDF}: 6.7/4$

Left In: -154.649 ± 145.928 $\chi^2/\text{NDF}: 14.3/8$

-84.948 ± 118.759 $\chi^2/\text{NDF}: 41.0/14$

-62.840 ± 120.299 $\chi^2/\text{NDF}: 22.2/13$

reg_asym_sam_15_dd_rms vs slug



Right In: 319.965+/-0.132 χ^2/NDF : 157304.9/5

Left Out: 338.603+/-0.109 χ^2/NDF : 37731.2/8

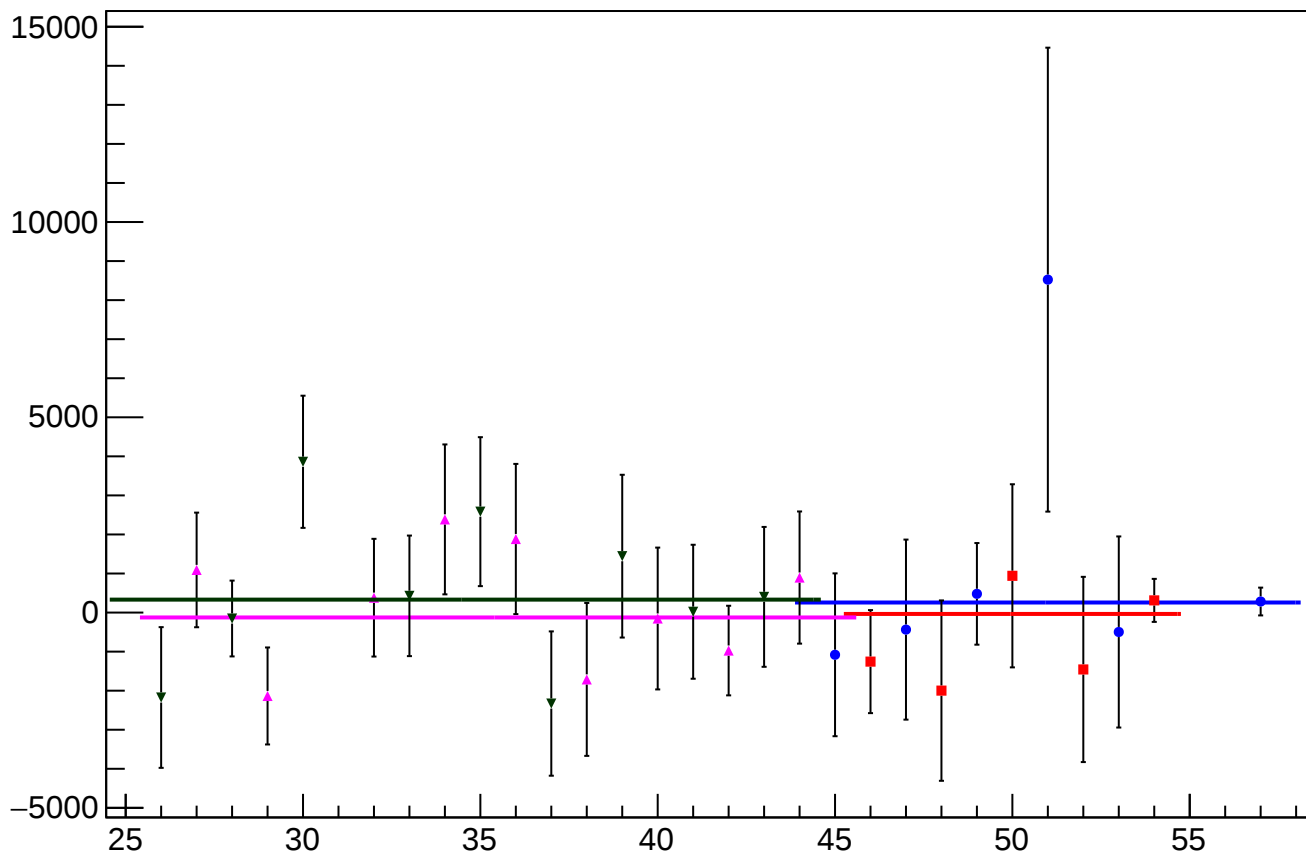
Right Out: 330.542+/-0.150 χ^2/NDF : 31033.5/4

Left In: 345.453+/-0.103 χ^2/NDF : 75102.1/8

331.047+/-0.084 χ^2/NDF : 206910.1/14

340.675+/-0.085 χ^2/NDF : 112826.8/13

asym_sam_15_dd_correction_mean vs slug



Right In: 257.683 $\pm$ 331.492 χ^2/NDF : 2.6/5

Left Out: 331.481 $\pm$ 527.893 χ^2/NDF : 10.3/8

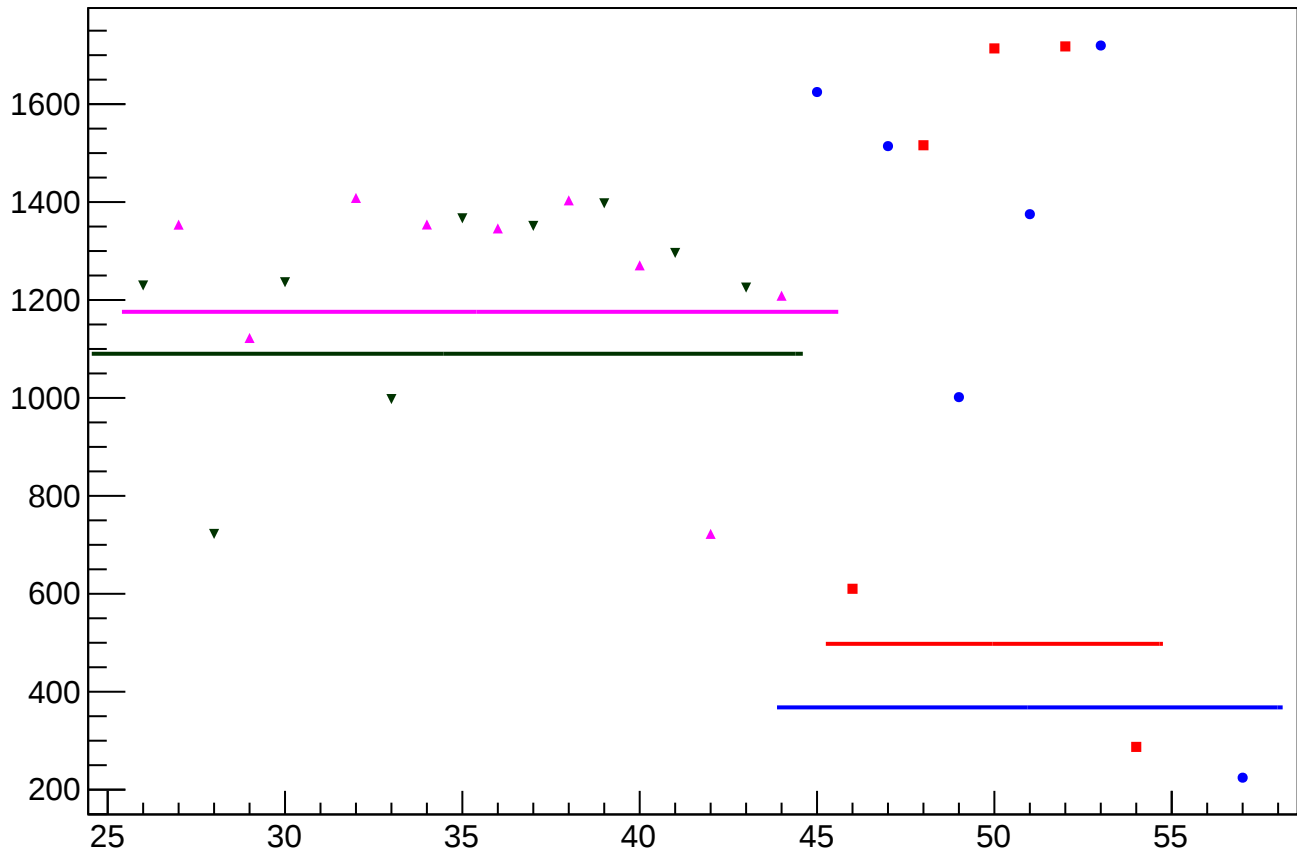
Right Out: -35.158 $\pm$ 475.771 χ^2/NDF : 2.5/4

Left In: -125.241 $\pm$ 515.151 χ^2/NDF : 7.8/8

278.554 $\pm$ 280.731 χ^2/NDF : 12.9/14

-76.625 $\pm$ 349.514 χ^2/NDF : 10.3/13

asym_sam_15_dd_correction_rms vs slug



Right In: 368.033 ± 0.234 χ^2/NDF : 2688761.6/5

Left Out: 1090.209 ± 0.373 χ^2/NDF : 487169.4/8

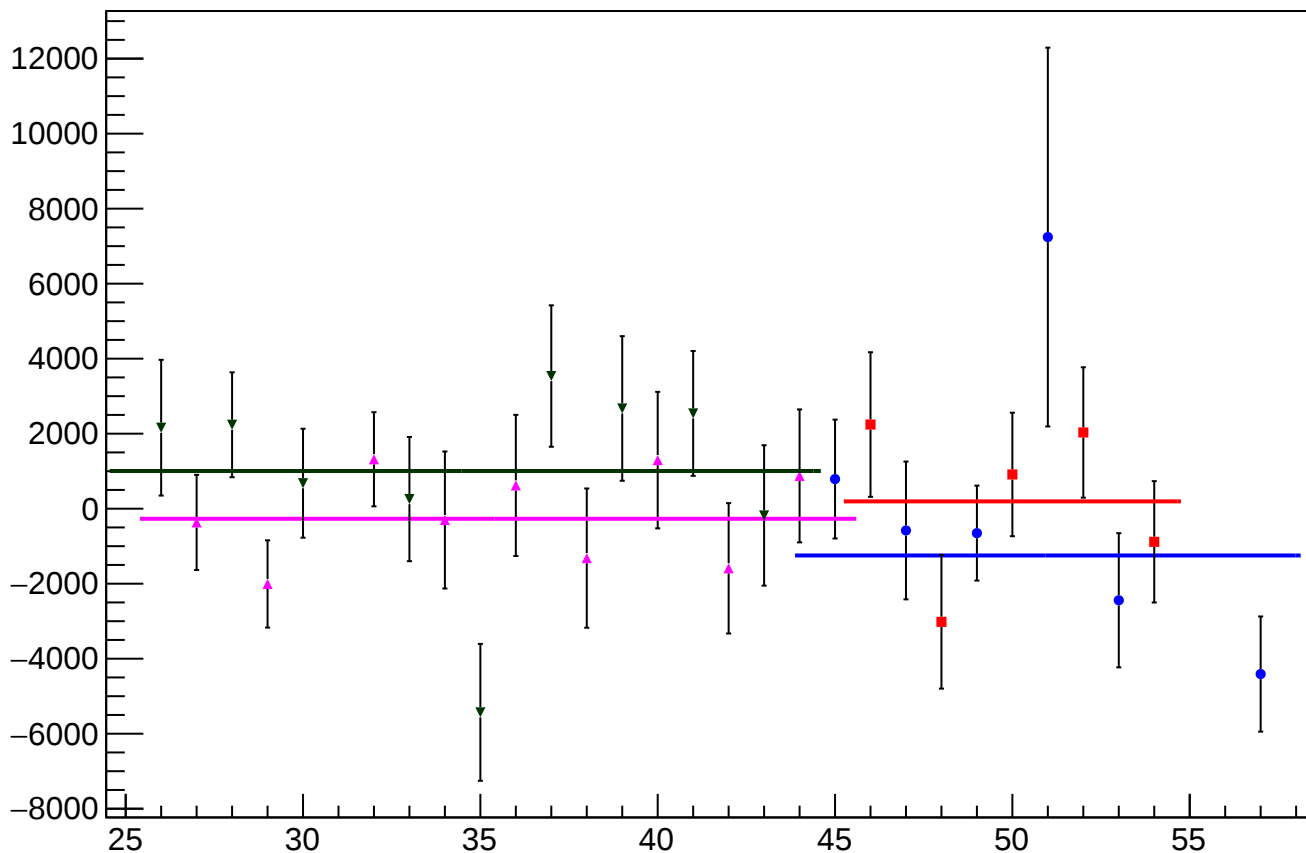
Right Out: 497.818 ± 0.336 χ^2/NDF : 1762744.8/4

Left In: 1175.873 ± 0.364 χ^2/NDF : 459475.9/8

572.270 ± 0.199 χ^2/NDF : 5860408.7/14

809.942 ± 0.247 χ^2/NDF : 4092151.0/13

reg_asym_sam_26_dd_mean vs slug



Right In: -1247.791 $\pm$ 690.997 χ^2 /NDF: 9.5/5

Left Out: 1004.954 $\pm$ 563.215 χ^2 /NDF: 17.7/8

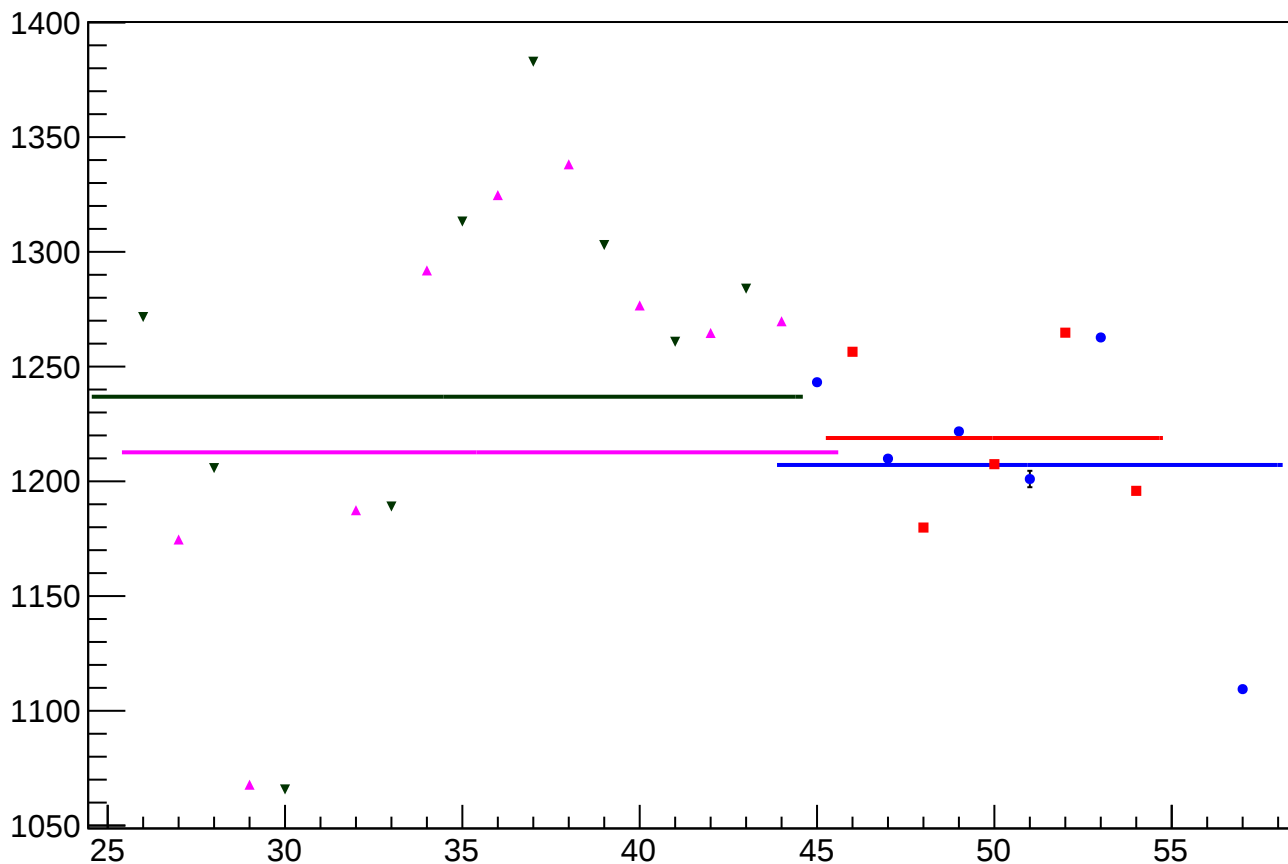
Right Out: 194.634 $\pm$ 774.664 χ^2 /NDF: 6.1/4

Left In: -269.126 $\pm$ 511.768 χ^2 /NDF: 6.1/8

105.738 $\pm$ 436.568 χ^2 /NDF: 33.6/14

-128.220 $\pm$ 427.002 χ^2 /NDF: 12.5/13

reg_asym_sam_26_dd_rms vs slug



Right In: 1207.133 ± 0.489 χ^2/NDF : 11333.1/5

Left Out: 1236.870 ± 0.398 χ^2/NDF : 50666.9/8

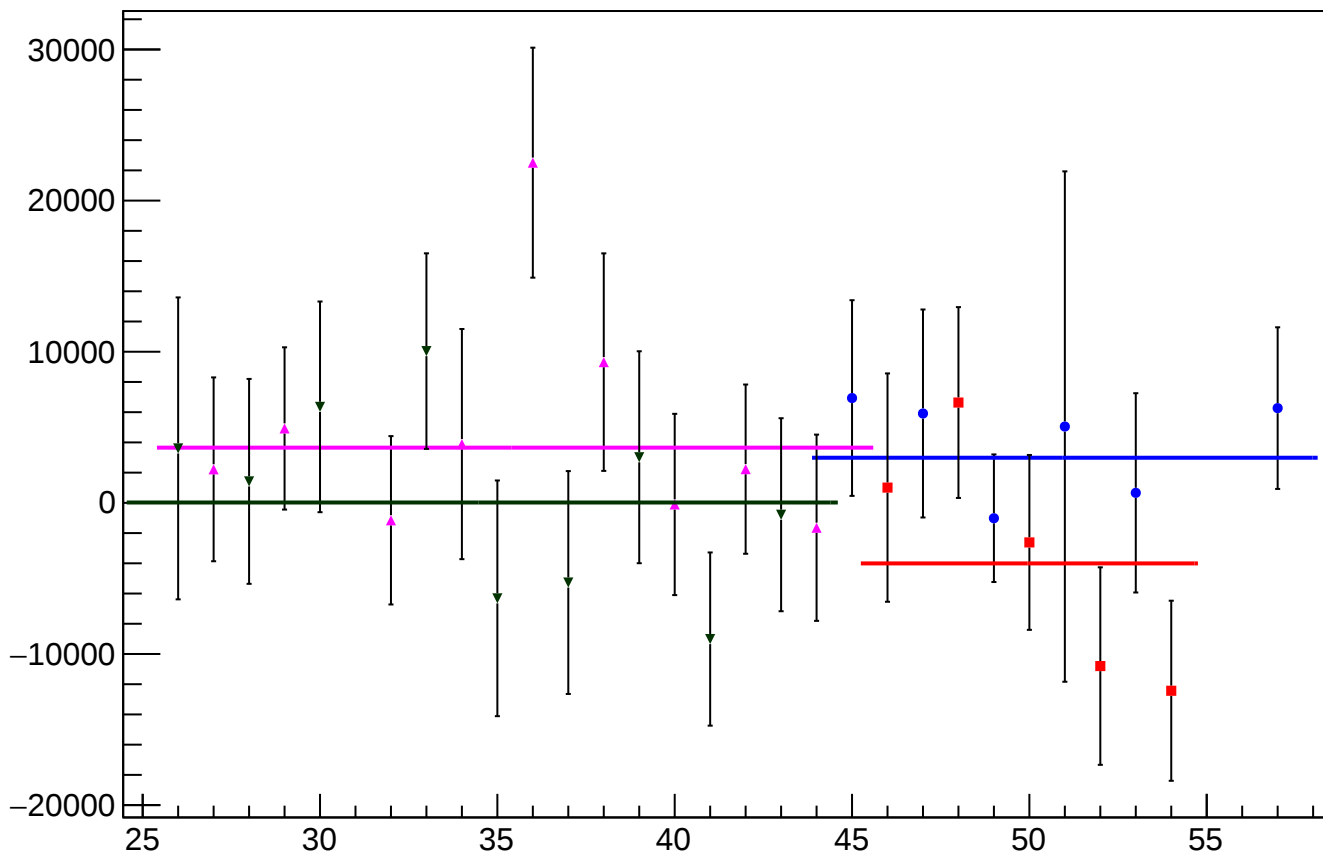
Right Out: 1218.878 ± 0.548 χ^2/NDF : 3616.2/4

Left In: 1212.638 ± 0.362 χ^2/NDF : 59937.7/8

1225.000 ± 0.309 χ^2/NDF : 64225.6/14

1214.534 ± 0.302 χ^2/NDF : 63644.3/13

asym_sam_26_dd_correction_mean vs slug



Right In: 2985.979+/-2480.138 χ^2/NDF : 2.0/5

Left Out: 23.937+/-2316.200 χ^2/NDF : 7.3/8

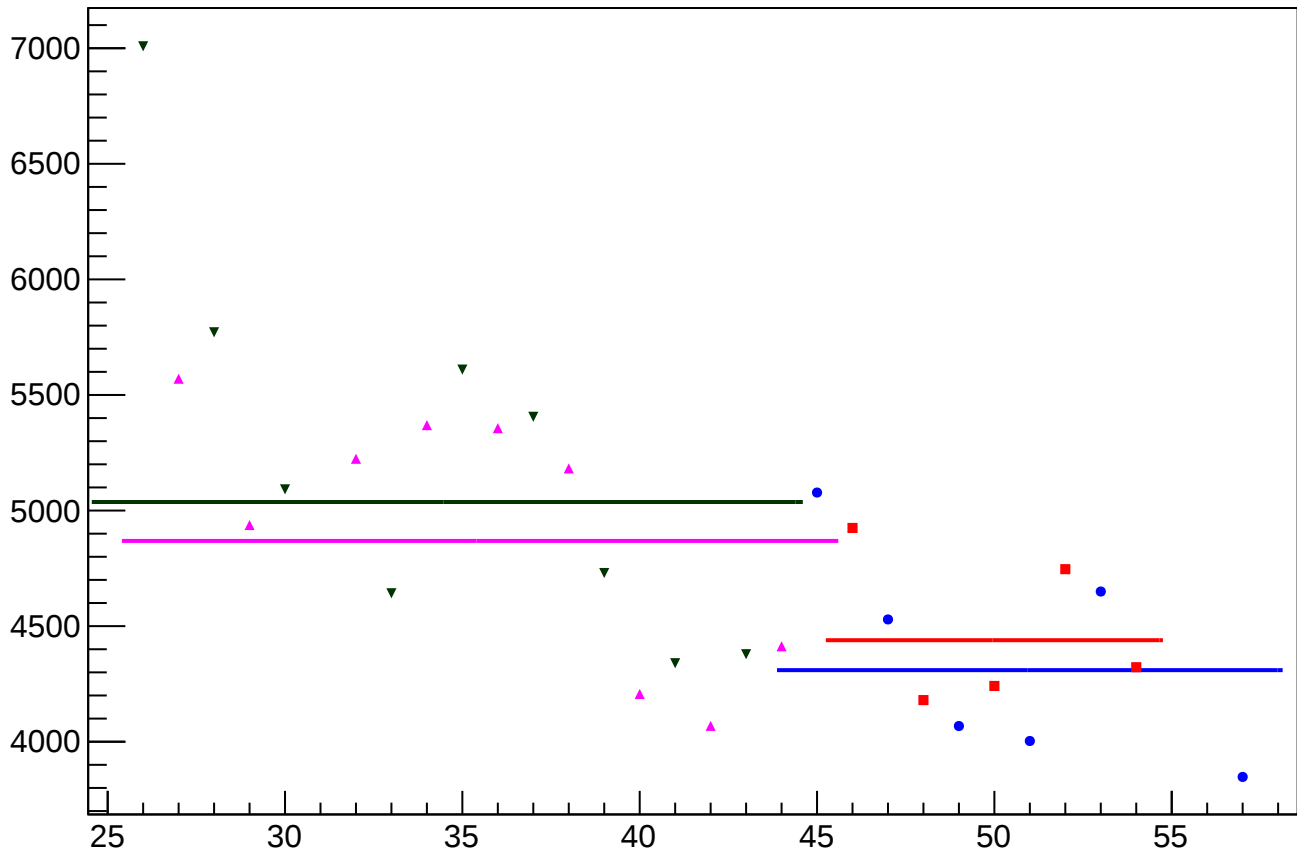
Right Out: -4006.591+/-2839.023 χ^2/NDF : 6.4/4

Left In: 3653.038+/-2068.097 χ^2/NDF : 8.8/8

1403.834+/-1692.792 χ^2/NDF : 10.0/14

997.594+/-1671.605 χ^2/NDF : 20.0/13

asym_sam_26_dd_correction_rms vs slug



Right In: 4309.571 ± 1.754 $\chi^2/\text{NDF}: 57657.1/5$

Left Out: 5036.928 ± 1.638 $\chi^2/\text{NDF}: 179439.1/8$

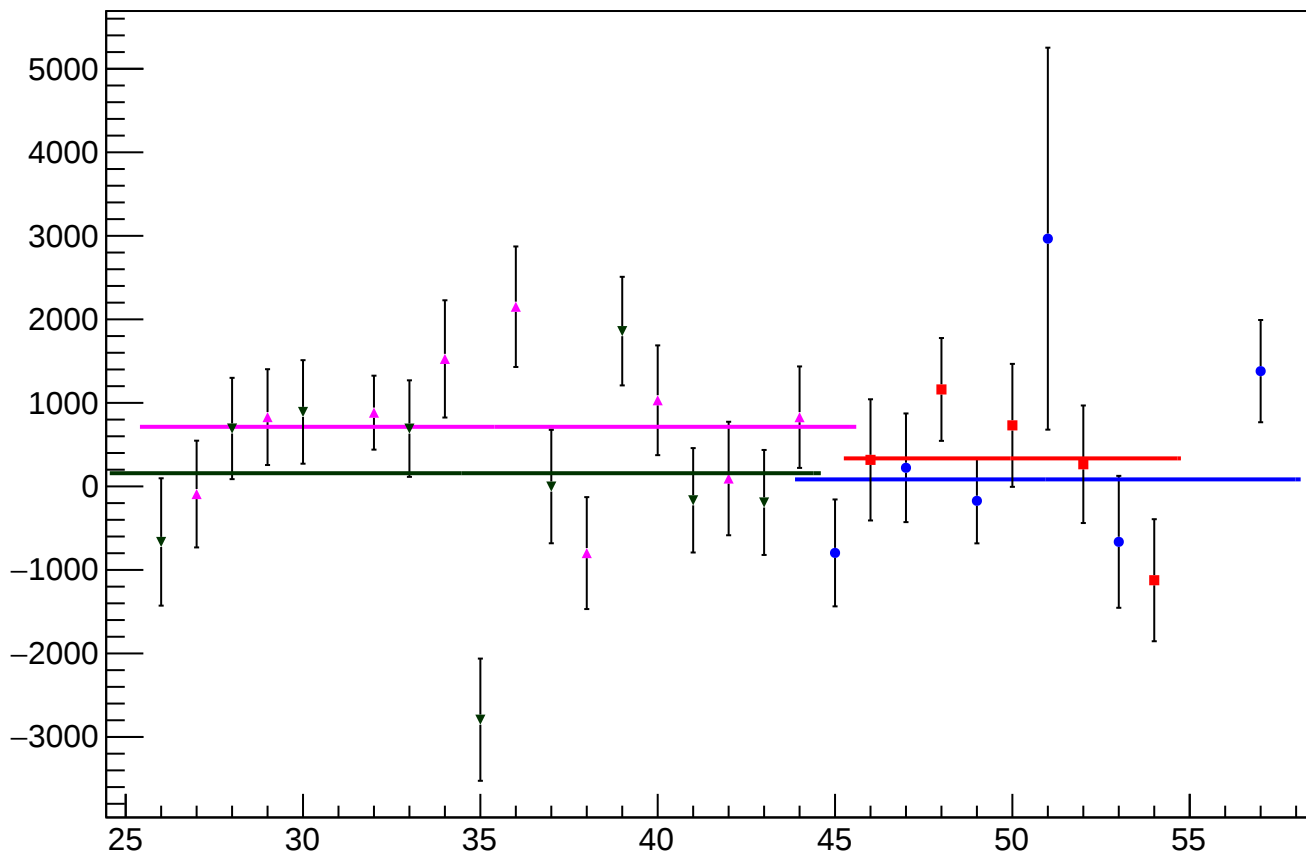
Right Out: 4439.137 ± 2.007 $\chi^2/\text{NDF}: 19161.3/4$

Left In: 4868.644 ± 1.462 $\chi^2/\text{NDF}: 131901.5/8$

4698.081 ± 1.197 $\chi^2/\text{NDF}: 328978.0/14$

4719.742 ± 1.182 $\chi^2/\text{NDF}: 180968.8/13$

reg_asym_sam_37_dd_mean vs slug



Right In: 83.957 $\pm$ 275.992 χ^2 /NDF: 9.2/5

Left Out: 157.928 $\pm$ 215.506 χ^2 /NDF: 28.0/8

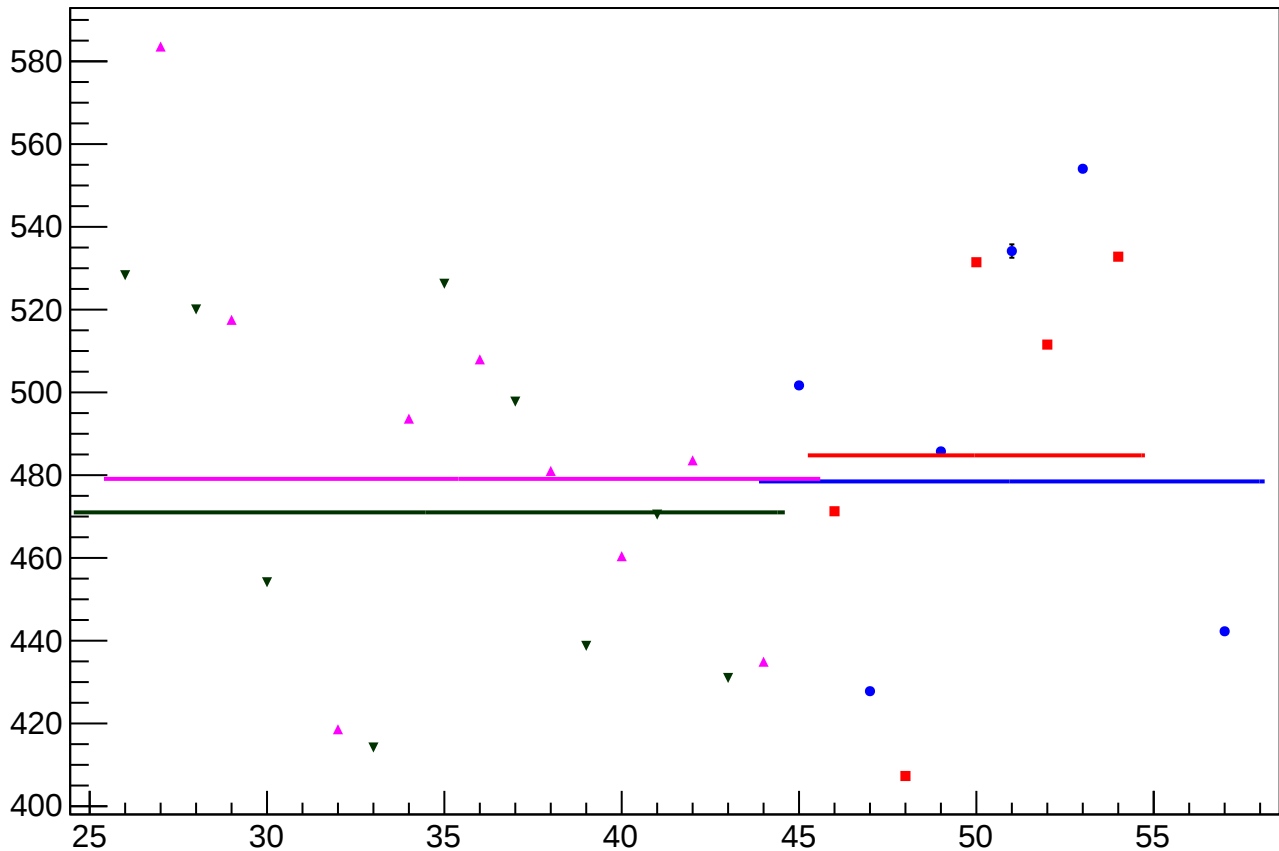
Right Out: 335.415 $\pm$ 311.931 χ^2 /NDF: 6.1/4

Left In: 713.441 $\pm$ 204.299 χ^2 /NDF: 13.3/8

129.910 $\pm$ 169.858 χ^2 /NDF: 37.2/14

599.961 $\pm$ 170.906 χ^2 /NDF: 20.4/13

reg_asym_sam_37_dd_rms vs slug



Right In: 478.488 $\pm$ 0.195 χ^2 /NDF: 41665.9/5

Left Out: 471.009 $\pm$ 0.152 χ^2 /NDF: 72737.7/8

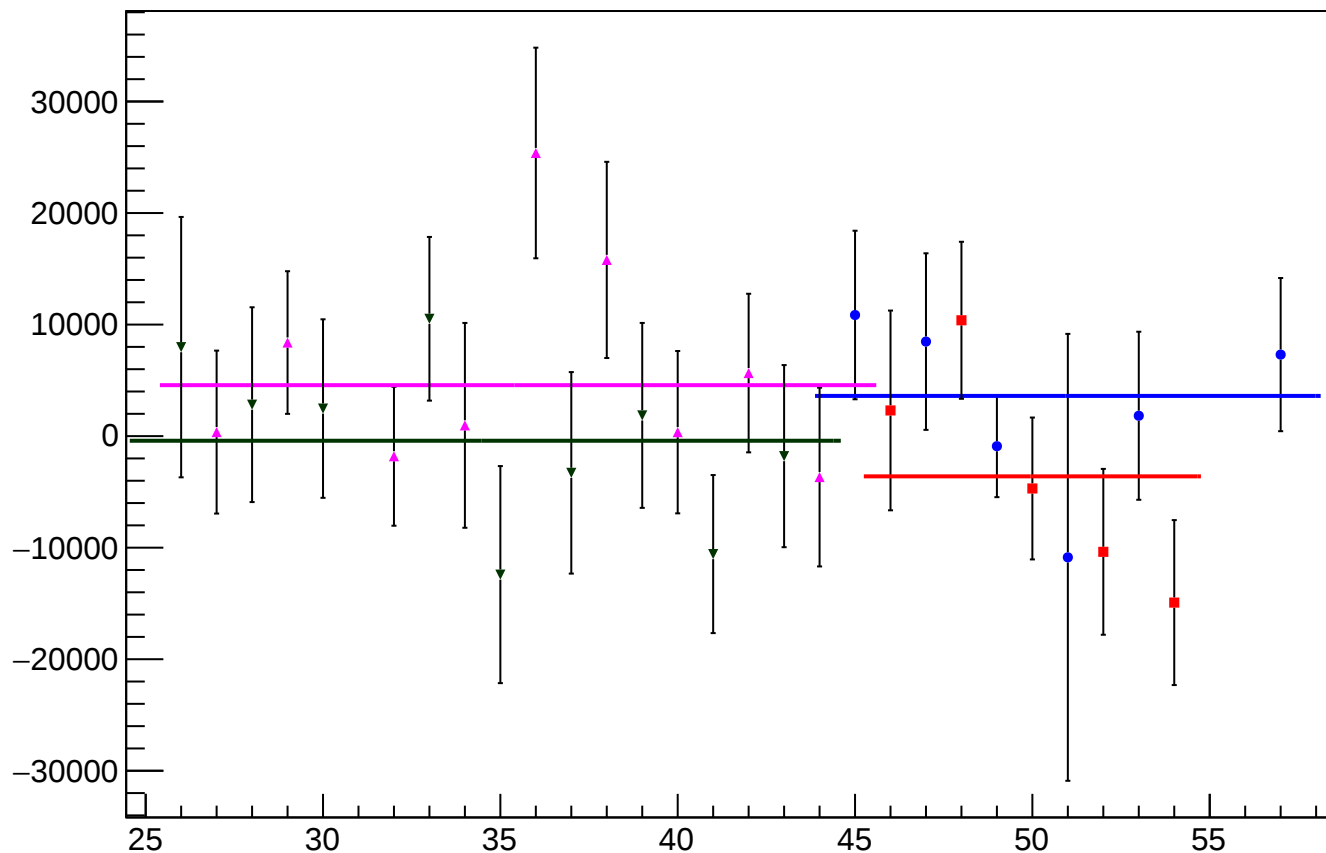
Right Out: 484.784 $\pm$ 0.221 χ^2 /NDF: 51945.7/4

Left In: 479.100 $\pm$ 0.144 χ^2 /NDF: 116130.5/8

473.842 $\pm$ 0.120 χ^2 /NDF: 115315.9/14

480.806 $\pm$ 0.121 χ^2 /NDF: 168540.8/13

asym_sam_37_dd_correction_mean vs slug



Right In: 3605.462 $\pm$ 2854.756 χ^2 /NDF: 3.1/5

Left Out: -413.785 $\pm$ 2806.714 χ^2 /NDF: 6.8/8

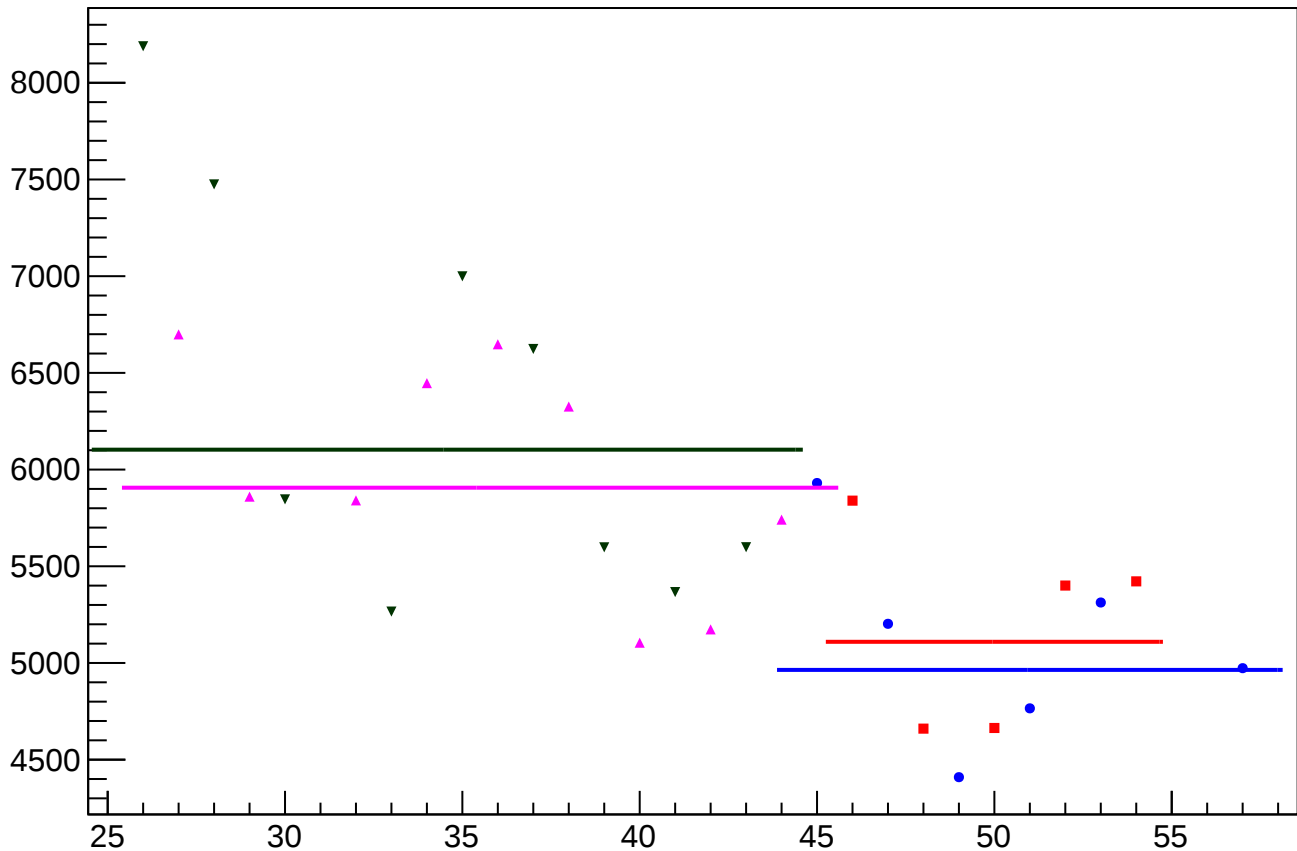
Right Out: -3606.933 $\pm$ 3265.655 χ^2 /NDF: 7.6/4

Left In: 4568.925 $\pm$ 2506.004 χ^2 /NDF: 9.8/8

1561.734 $\pm$ 2001.416 χ^2 /NDF: 10.9/14

1538.758 $\pm$ 1988.094 χ^2 /NDF: 21.3/13

asym_sam_37_dd_correction_rms vs slug



Right In: 4964.150+/-2.019 χ^2/NDF : 68493.8/5

Left Out: 6102.939+/-1.985 χ^2/NDF : 201598.0/8

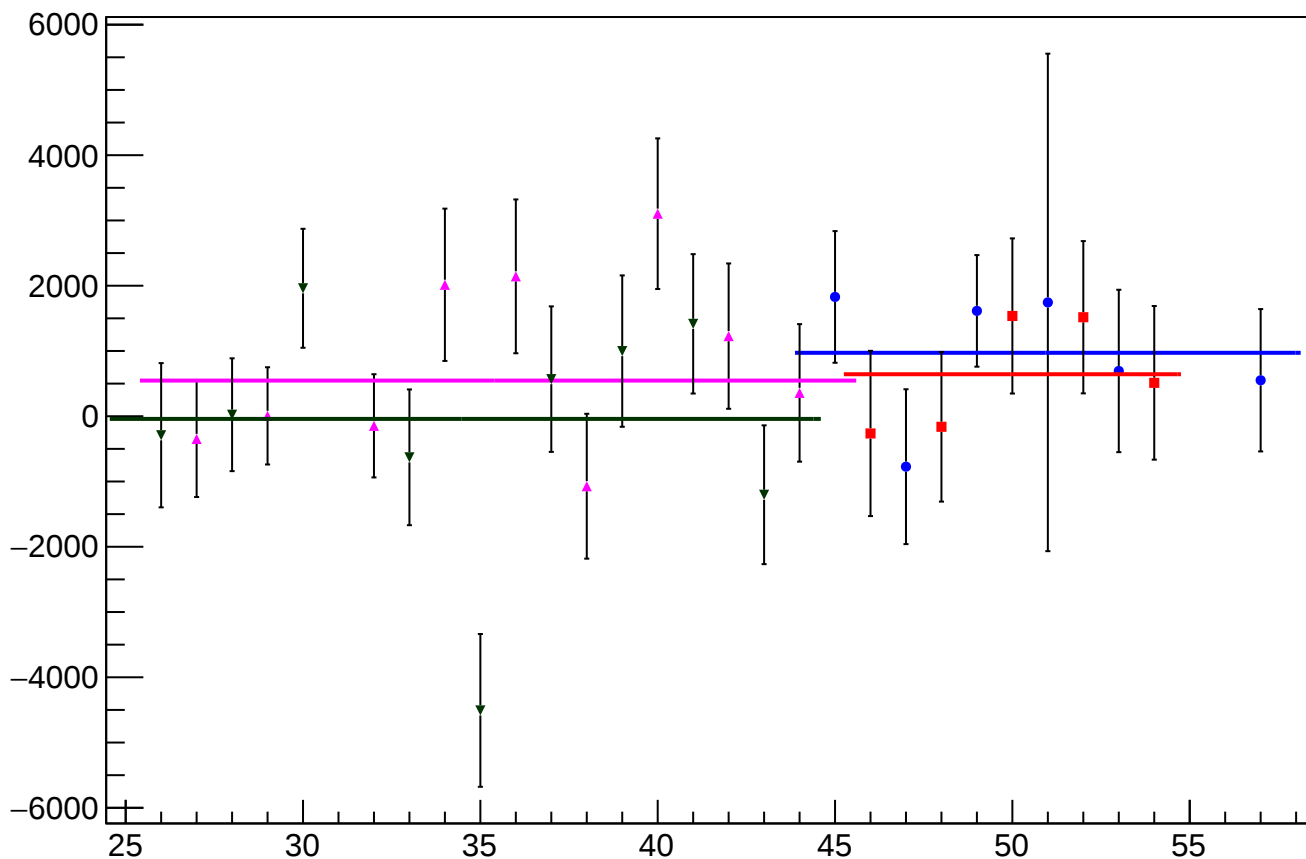
Right Out: 5109.463+/-2.309 χ^2/NDF : 37883.9/4

Left In: 5906.291+/-1.772 χ^2/NDF : 94067.8/8

5543.207+/-1.415 χ^2/NDF : 431921.0/14

5610.967+/-1.406 χ^2/NDF : 206894.3/13

reg_asym_sam_48_dd_mean vs slug



Right In: 972.077 ± 465.421 χ^2/NDF : 3.7/5

Left Out: -40.923 ± 346.578 χ^2/NDF : 23.9/8

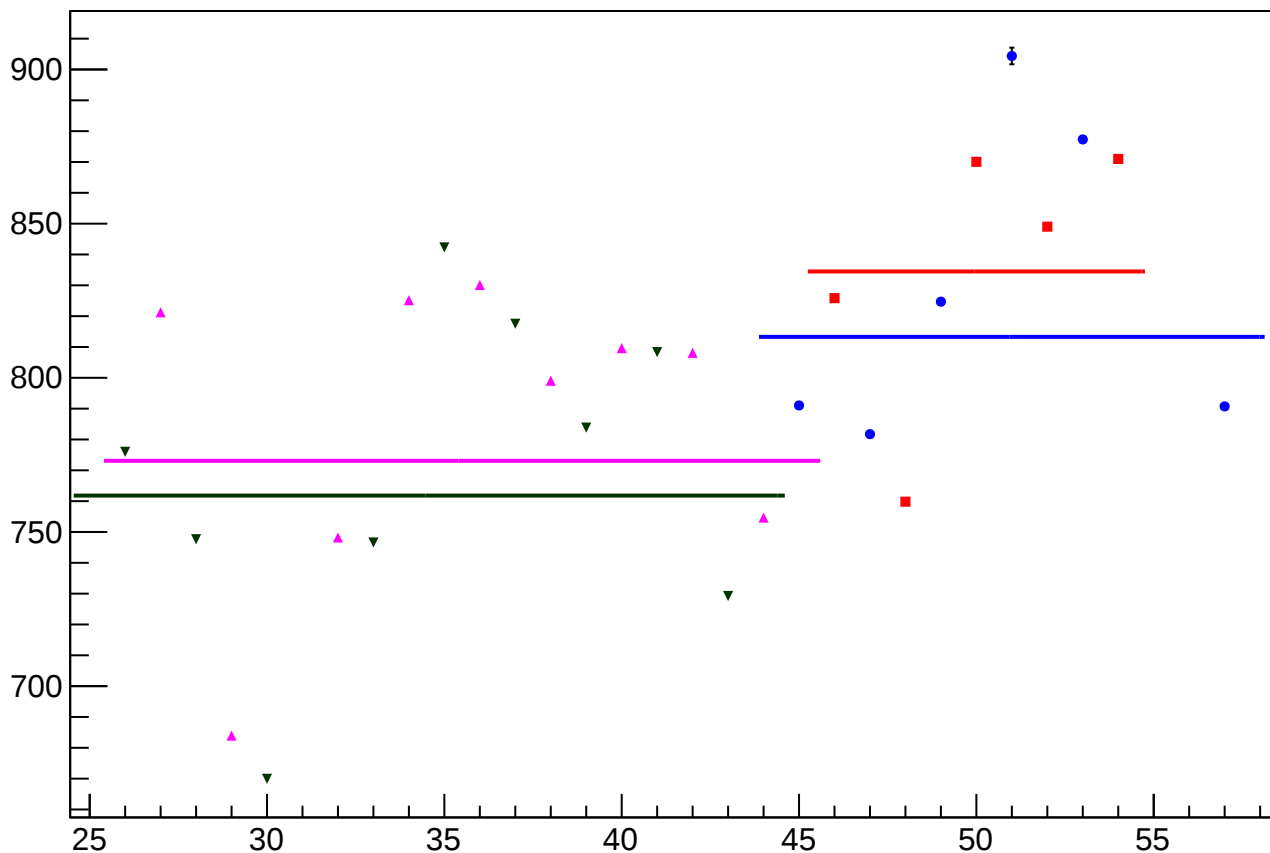
Right Out: 643.658 ± 530.818 χ^2/NDF : 2.1/4

Left In: 546.535 ± 326.373 χ^2/NDF : 13.2/8

320.424 ± 277.974 χ^2/NDF : 30.7/14

573.179 ± 278.025 χ^2/NDF : 15.3/13

reg_asym_sam_48_dd_rms vs slug



Right In: 813.285 ± 0.329 χ^2/NDF : 10036.5/5

Left Out: 761.807 ± 0.245 χ^2/NDF : 42466.1/8

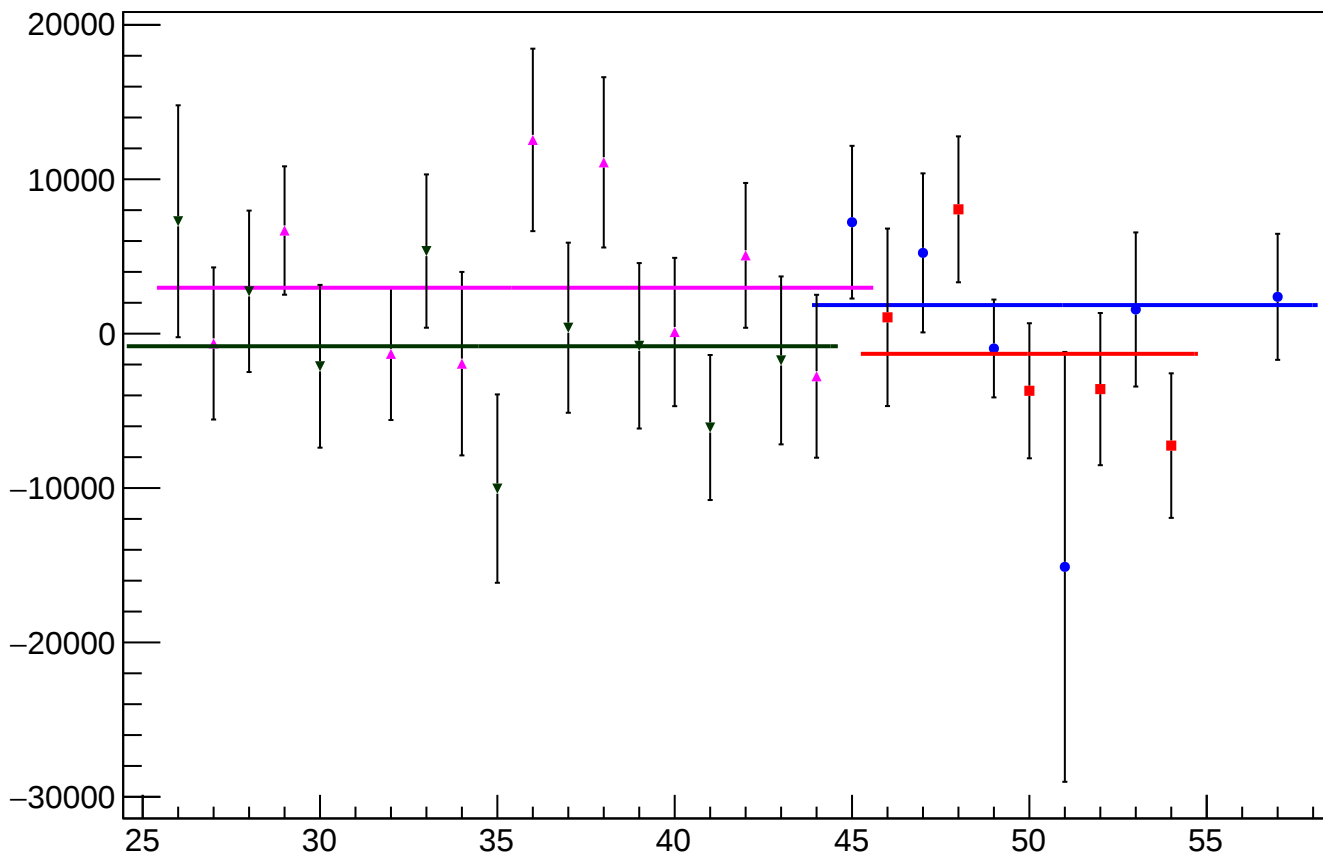
Right Out: 834.492 ± 0.375 χ^2/NDF : 12595.2/4

Left In: 773.088 ± 0.231 χ^2/NDF : 50809.2/8

780.169 ± 0.197 χ^2/NDF : 68242.0/14

789.933 ± 0.197 χ^2/NDF : 82825.4/13

asym_sam_48_dd_correction_mean vs slug



Right In: 1851.210 ± 1878.202 χ^2/NDF : 3.9/5

Left Out: -814.730 ± 1811.752 χ^2/NDF : 6.8/8

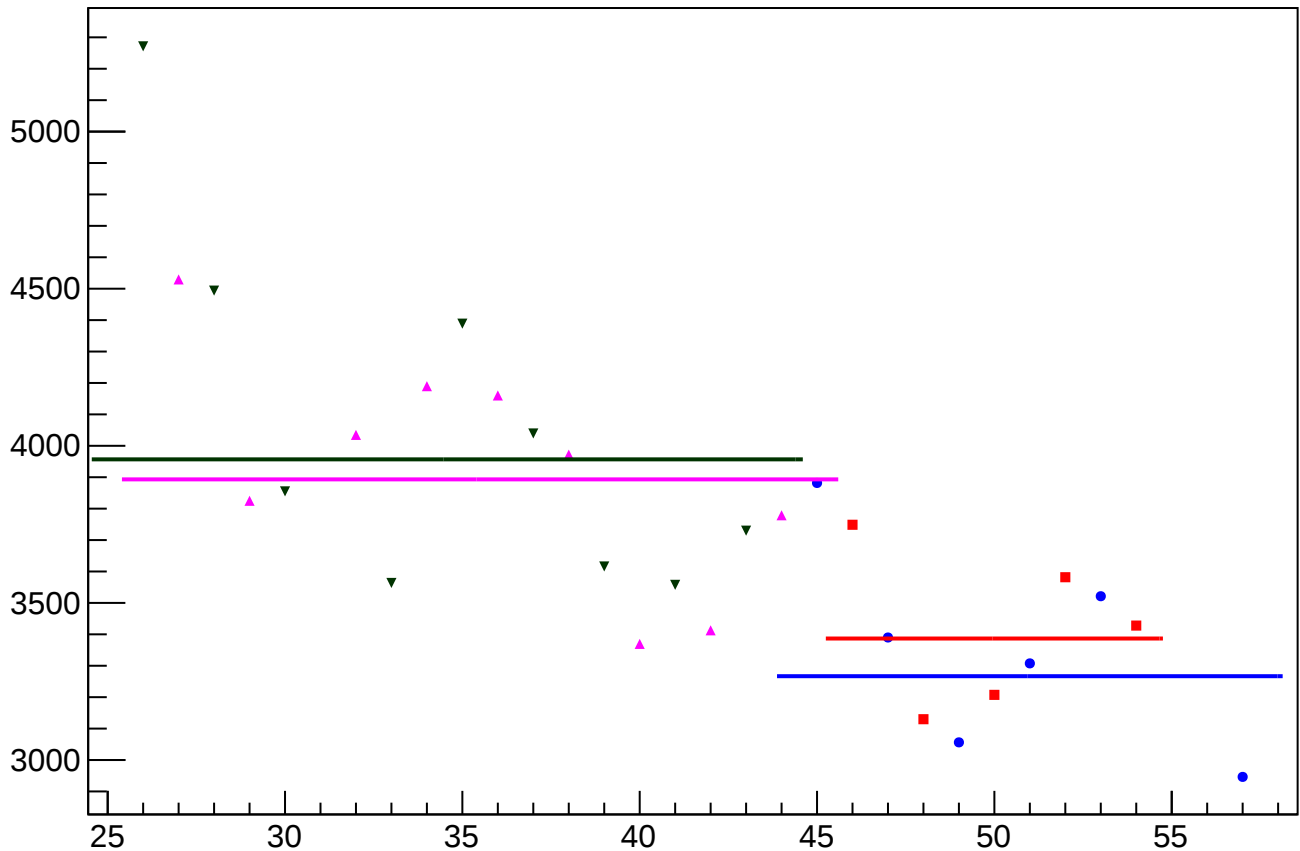
Right Out: -1306.172 ± 2161.263 χ^2/NDF : 6.2/4

Left In: 2973.562 ± 1648.529 χ^2/NDF : 9.5/8

470.246 ± 1303.961 χ^2/NDF : 11.8/14

1399.428 ± 1310.750 χ^2/NDF : 18.2/13

asym_sam_48_dd_correction_rms vs slug



Right In: 3266.747 ± 1.328 χ^2/NDF : 58440.0/5

Left Out: 3956.868 ± 1.281 χ^2/NDF : 132161.2/8

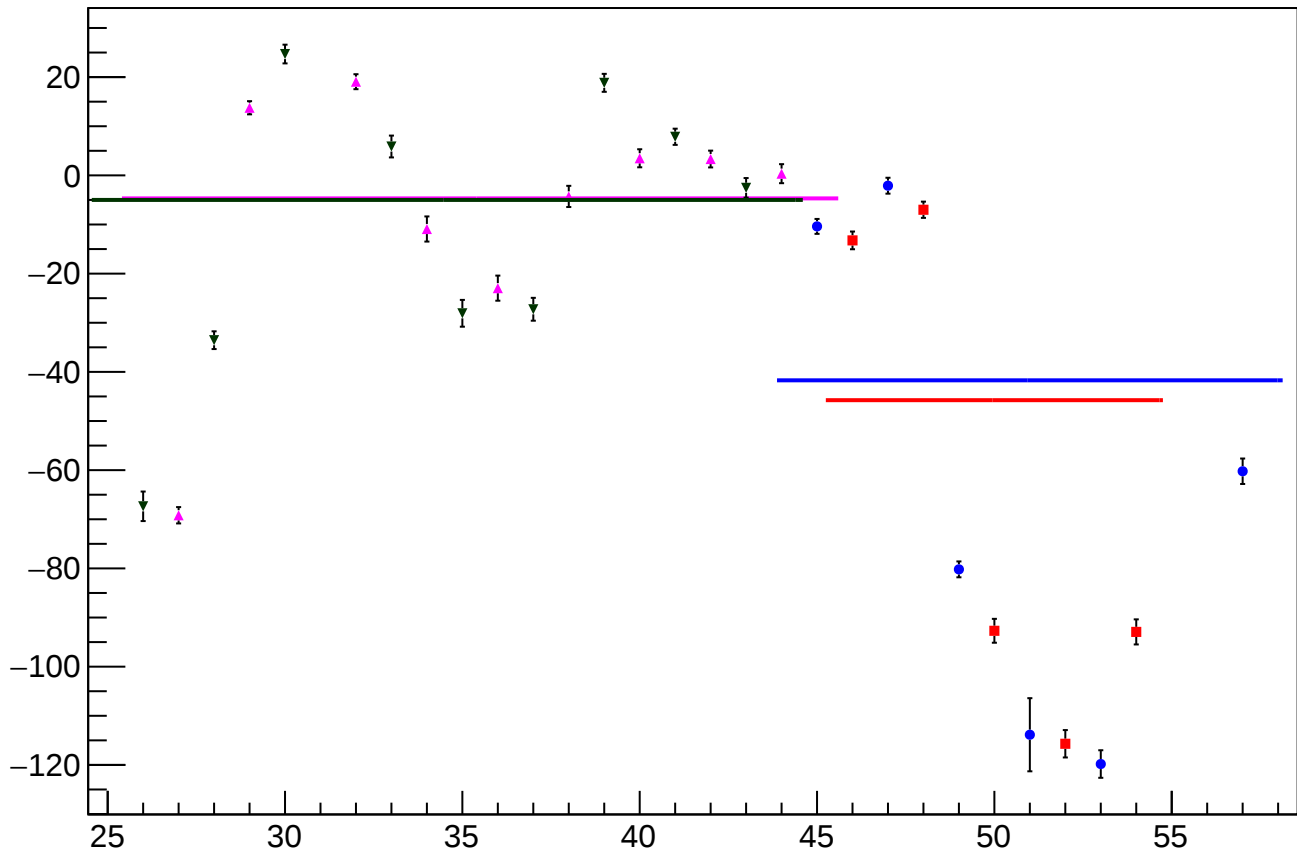
Right Out: 3386.656 ± 1.528 χ^2/NDF : 20484.1/4

Left In: 3893.148 ± 1.166 χ^2/NDF : 91246.6/8

3624.232 ± 0.922 χ^2/NDF : 330472.2/14

3706.855 ± 0.927 χ^2/NDF : 181170.2/13

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -41.717 ± 0.818 χ^2/NDF : 2513.7/5

Left Out: -4.999 ± 0.684 χ^2/NDF : 1343.0/8

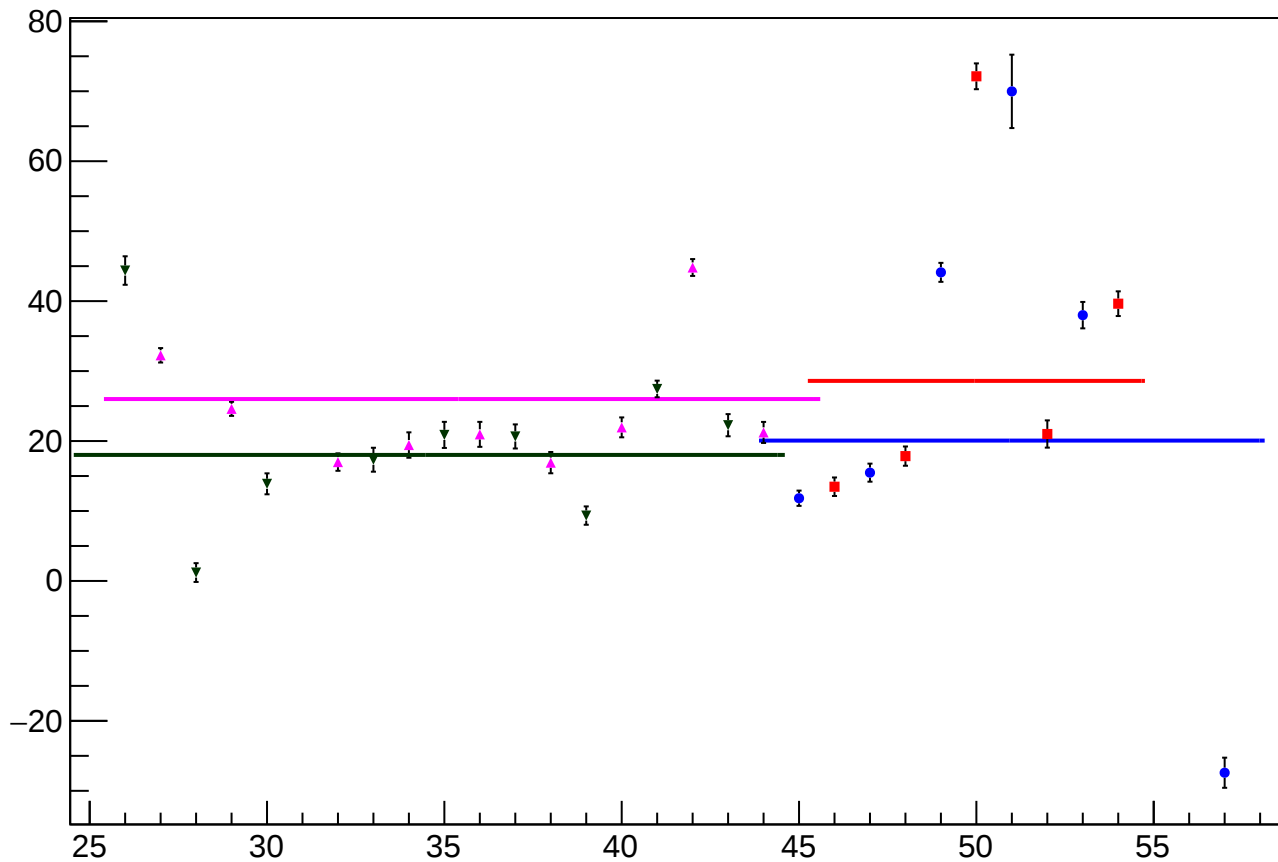
Right Out: -45.759 ± 0.943 χ^2/NDF : 2218.6/4

Left In: -4.688 ± 0.600 χ^2/NDF : 2042.2/8

-20.115 ± 0.525 χ^2/NDF : 5041.5/14

-16.532 ± 0.506 χ^2/NDF : 5610.8/13

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 20.065+/-0.630 χ^2/NDF : 1050.9/5

Left Out: 18.015+/-0.507 χ^2/NDF : 450.4/8

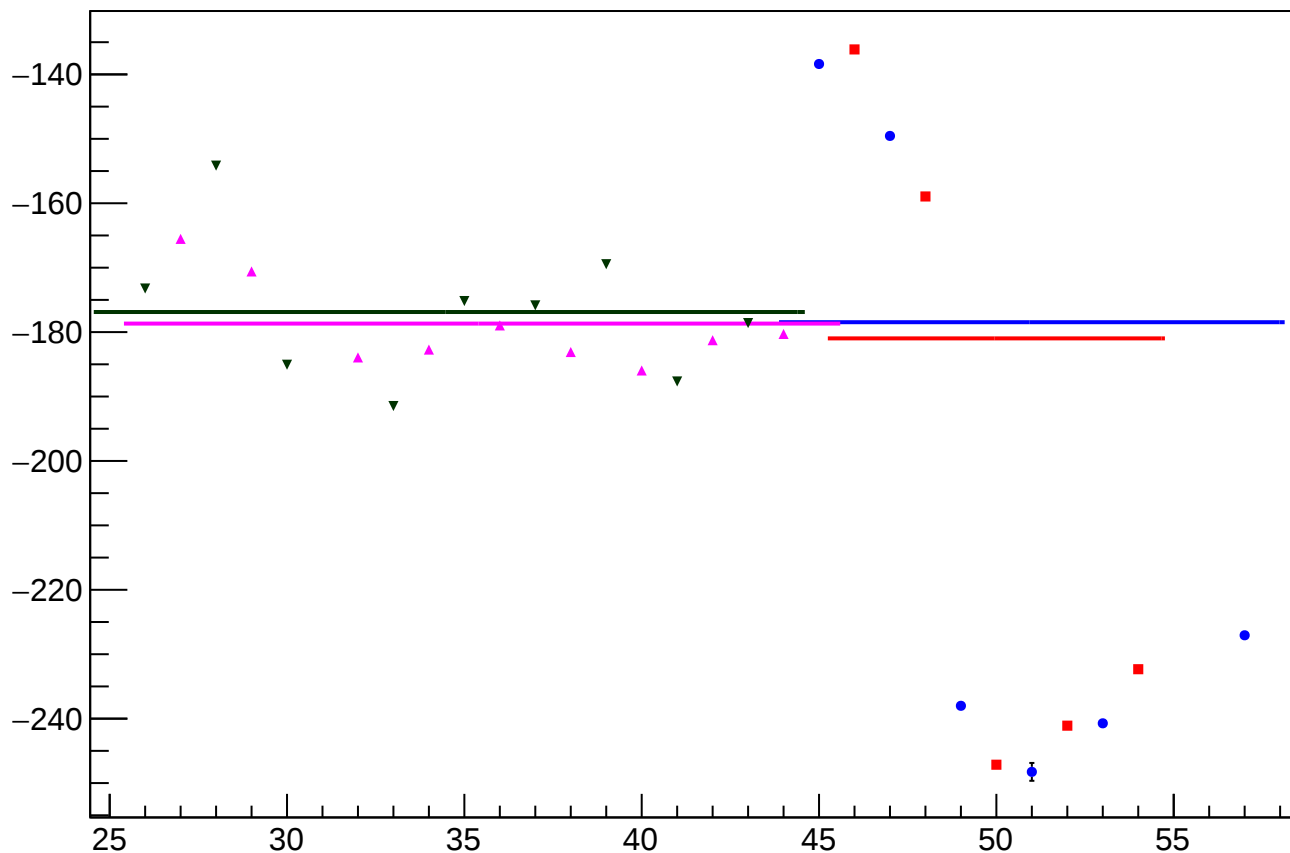
Right Out: 28.598+/-0.711 χ^2/NDF : 802.6/4

Left In: 26.003+/-0.437 χ^2/NDF : 409.3/8

18.820+/-0.395 χ^2/NDF : 1507.8/14

26.713+/-0.372 χ^2/NDF : 1221.6/13

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -178.463+/-0.143 χ^2/NDF : 101096.5/5

Left Out: -176.881+/-0.115 χ^2/NDF : 9699.1/8

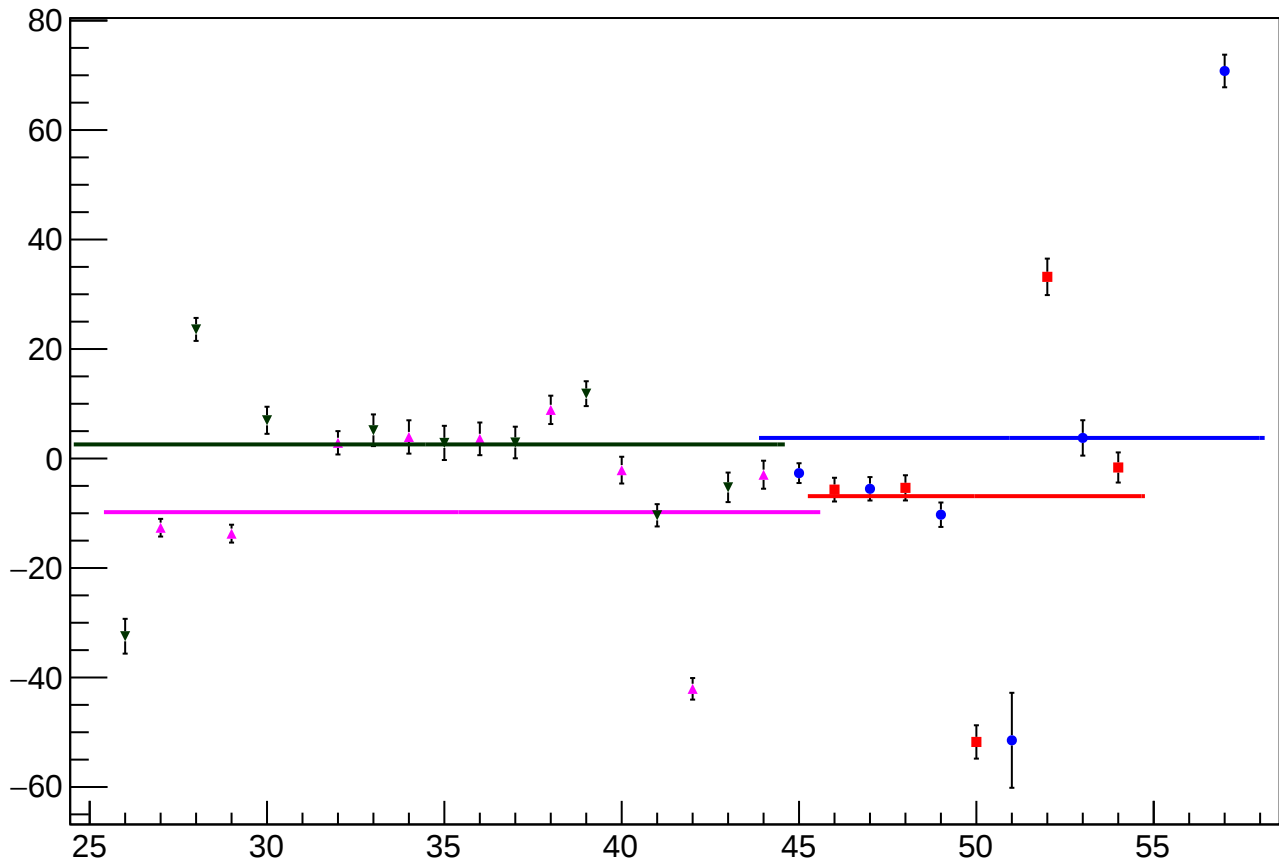
Right Out: -180.975+/-0.159 χ^2/NDF : 83508.8/4

Left In: -178.678+/-0.104 χ^2/NDF : 4273.5/8

-177.504+/-0.089 χ^2/NDF : 110870.2/14

-179.363+/-0.087 χ^2/NDF : 87928.9/13

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 3.760 ± 1.028 $\chi^2/\text{NDF}: 617.6/5$

Left Out: 2.574 ± 0.844 $\chi^2/\text{NDF}: 291.3/8$

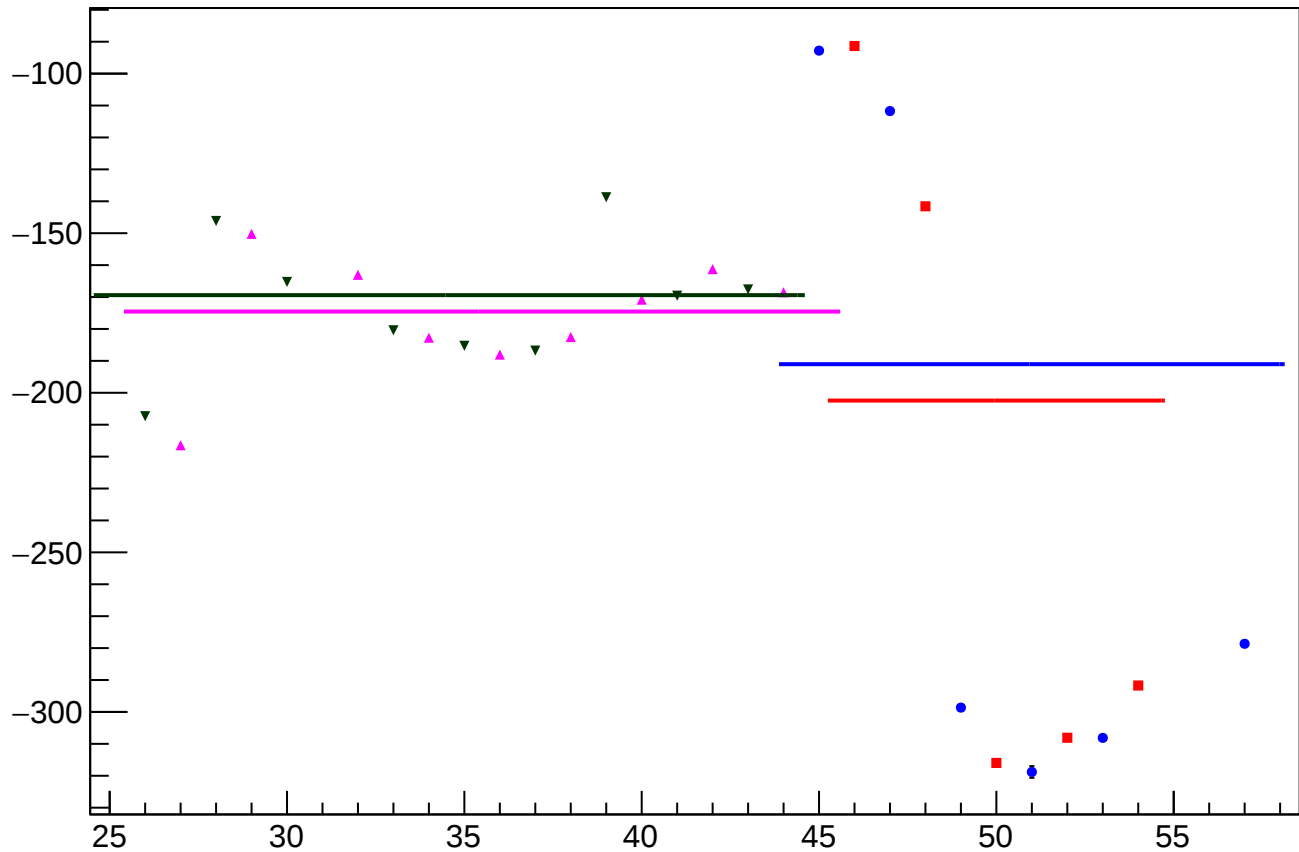
Right Out: -6.875 ± 1.169 $\chi^2/\text{NDF}: 366.3/4$

Left In: -9.798 ± 0.721 $\chi^2/\text{NDF}: 422.2/8$

3.052 ± 0.652 $\chi^2/\text{NDF}: 909.7/14$

-8.993 ± 0.614 $\chi^2/\text{NDF}: 793.1/13$

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -191.038 ± 0.200 χ^2/NDF : 240032.6/5

Left Out: -169.406 ± 0.155 χ^2/NDF : 16565.2/8

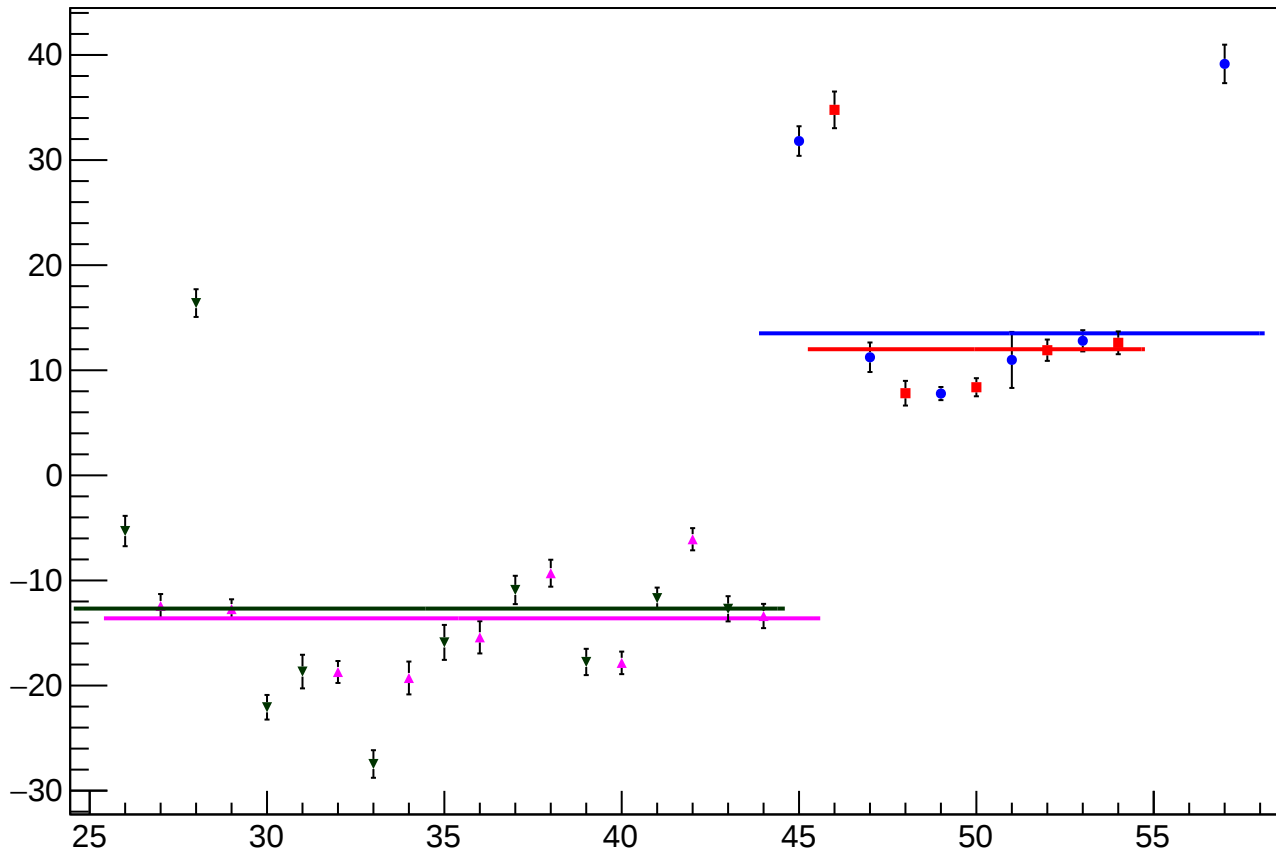
Right Out: -202.437 ± 0.225 χ^2/NDF : 185167.9/4

Left In: -174.554 ± 0.152 χ^2/NDF : 17338.0/8

-177.535 ± 0.123 χ^2/NDF : 263891.8/14

-183.257 ± 0.126 χ^2/NDF : 213056.3/13

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 13.514 $\pm$ 0.447 χ^2 /NDF: 453.3/5

Left Out: -12.675 $\pm$ 0.408 χ^2 /NDF: 739.7/9

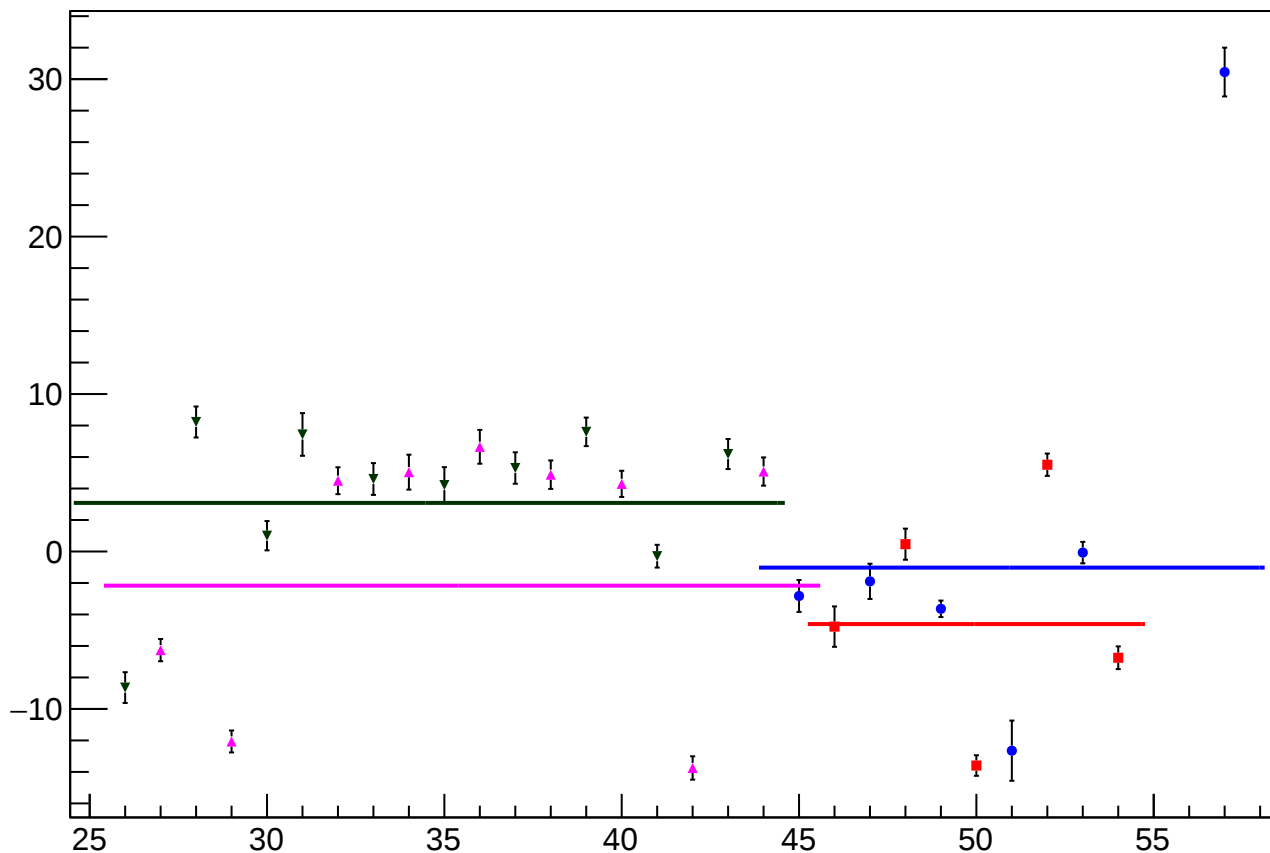
Right Out: 12.002 $\pm$ 0.486 χ^2 /NDF: 201.1/4

Left In: -13.605 $\pm$ 0.383 χ^2 /NDF: 118.1/8

-0.774 $\pm$ 0.302 χ^2 /NDF: 3061.7/15

-3.791 $\pm$ 0.301 χ^2 /NDF: 2028.4/13

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -1.024 ± 0.348 χ^2/NDF : 480.9/5

Left Out: 3.086 ± 0.305 χ^2/NDF : 251.9/9

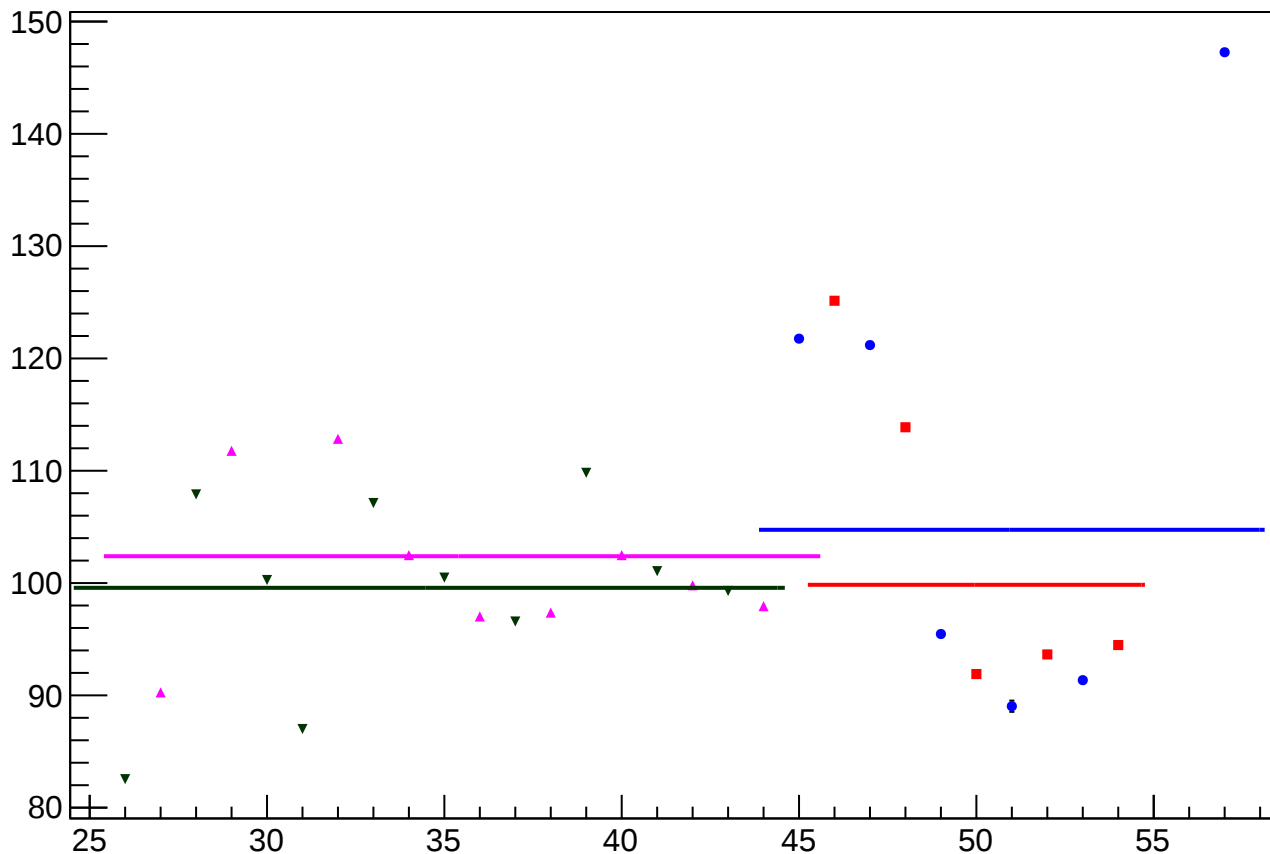
Right Out: -4.609 ± 0.356 χ^2/NDF : 428.8/4

Left In: -2.169 ± 0.279 χ^2/NDF : 836.6/8

1.301 ± 0.229 χ^2/NDF : 811.8/15

-3.097 ± 0.220 χ^2/NDF : 1294.5/13

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 104.743 ± 0.083 χ^2/NDF : 40501.6/5

Left Out: 99.576 ± 0.067 χ^2/NDF : 14210.5/9

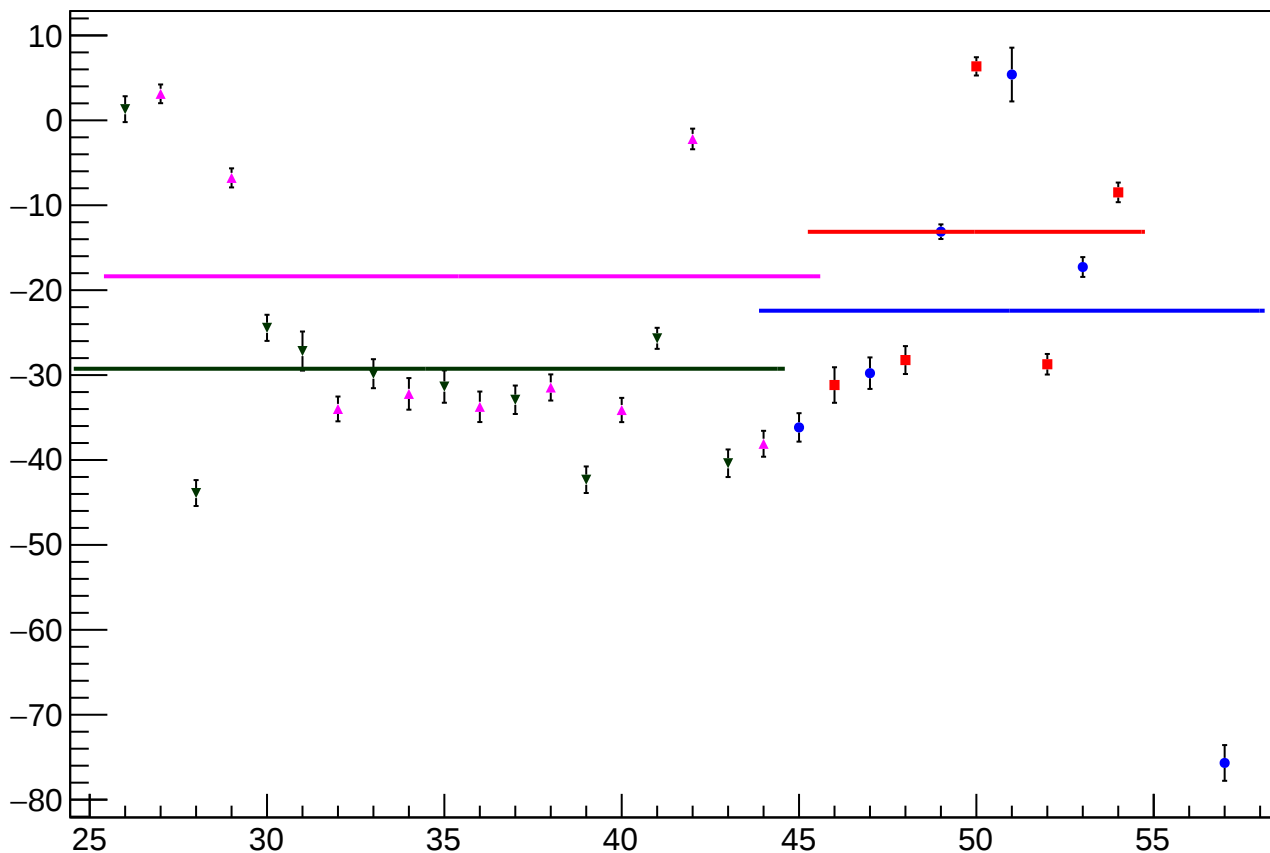
Right Out: 99.845 ± 0.085 χ^2/NDF : 17898.7/4

Left In: 102.389 ± 0.066 χ^2/NDF : 12190.9/8

101.611 ± 0.052 χ^2/NDF : 57055.1/15

101.441 ± 0.052 χ^2/NDF : 30644.9/13

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -22.419 $\pm$ 0.572 χ^2 /NDF: 937.0/5

Left Out: -29.254 $\pm$ 0.507 χ^2 /NDF: 636.3/9

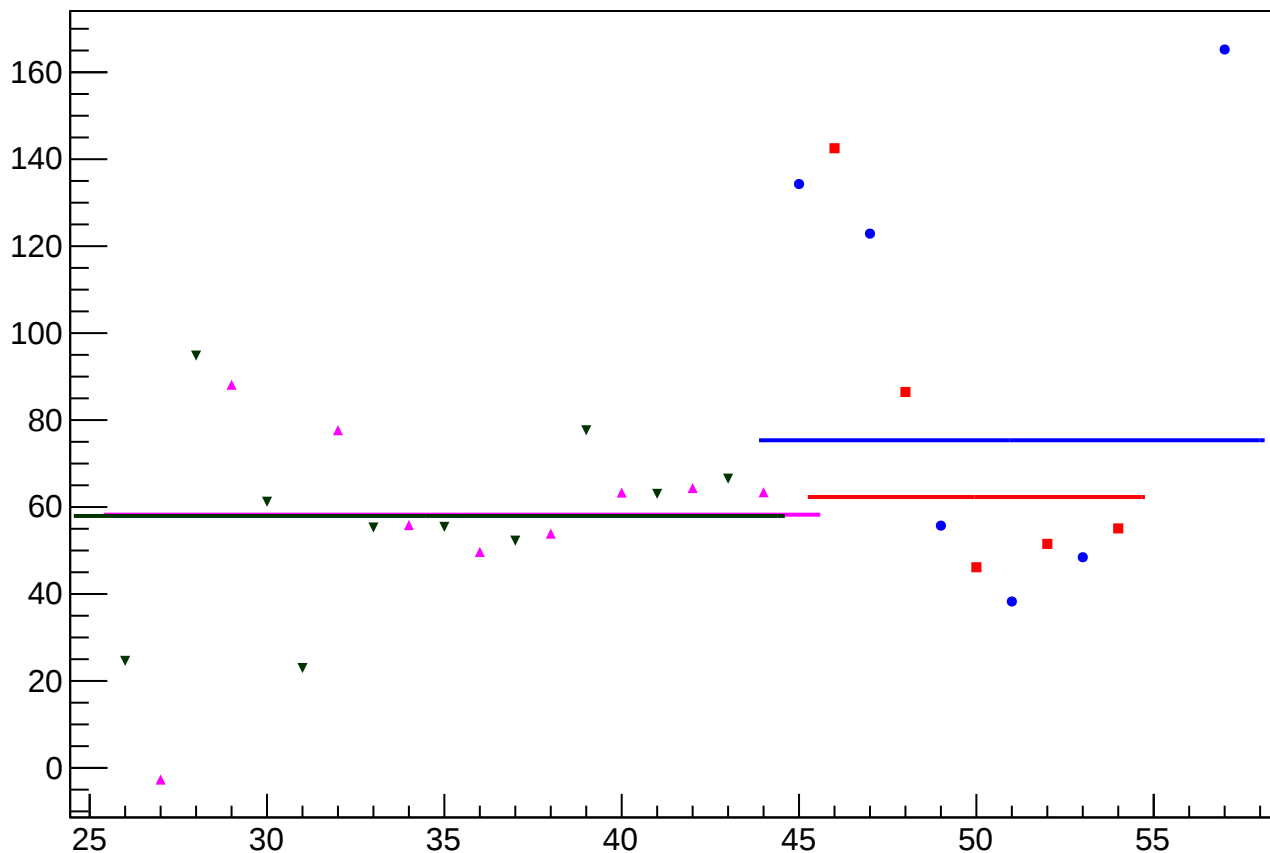
Right Out: -13.128 $\pm$ 0.588 χ^2 /NDF: 668.6/4

Left In: -18.368 $\pm$ 0.461 χ^2 /NDF: 1267.3/8

-26.247 $\pm$ 0.380 χ^2 /NDF: 1653.2/15

-16.372 $\pm$ 0.363 χ^2 /NDF: 1985.0/13

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 75.355+/-0.109 χ^2/NDF : 128759.2/5

Left Out: 57.944+/-0.092 χ^2/NDF : 48321.4/9

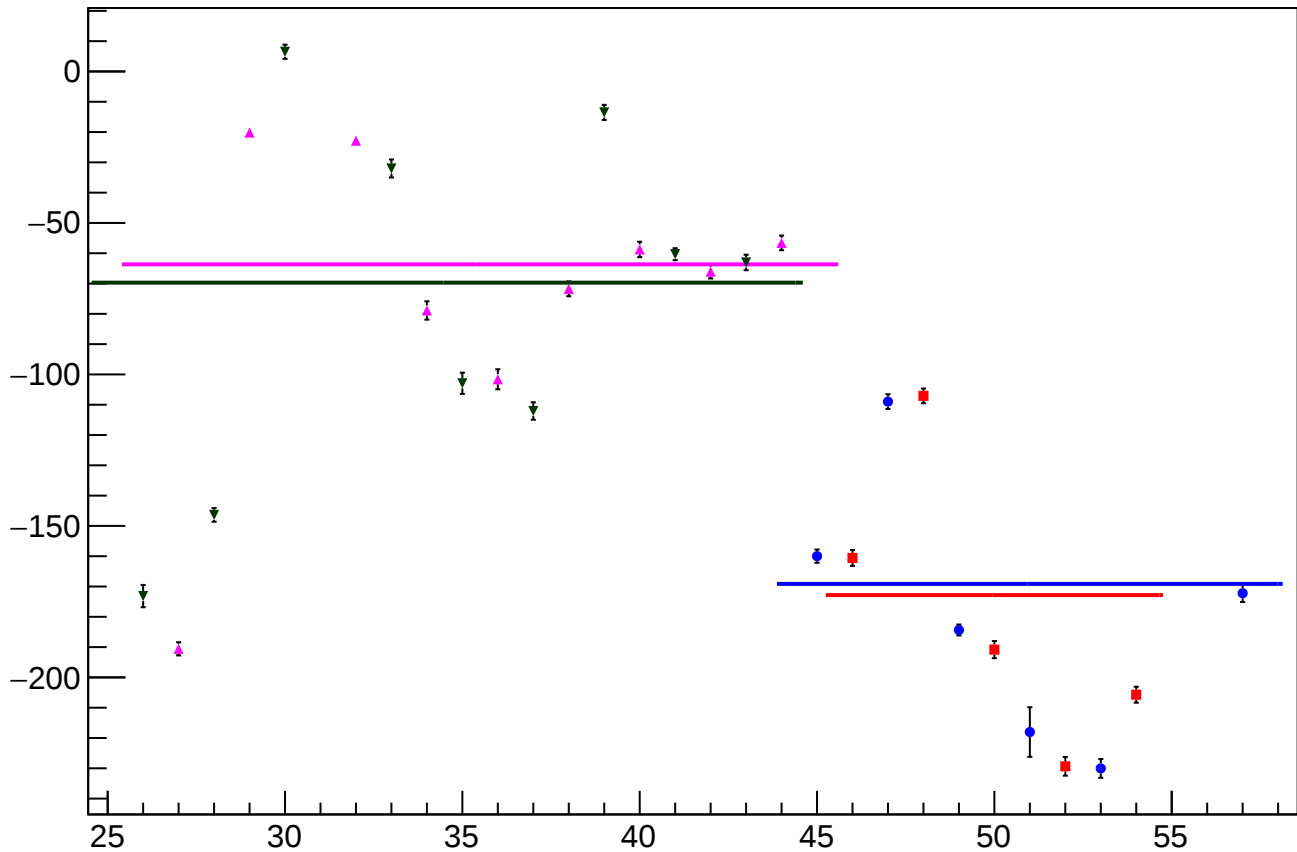
Right Out: 62.302+/-0.110 χ^2/NDF : 55762.0/4

Left In: 58.243+/-0.096 χ^2/NDF : 65783.5/8

65.181+/-0.070 χ^2/NDF : 192008.8/15

59.991+/-0.072 χ^2/NDF : 122318.5/13

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -169.130+/-1.043 χ^2/NDF : 1121.5/5

Left Out: -69.710+/-0.865 χ^2/NDF : 4019.0/8

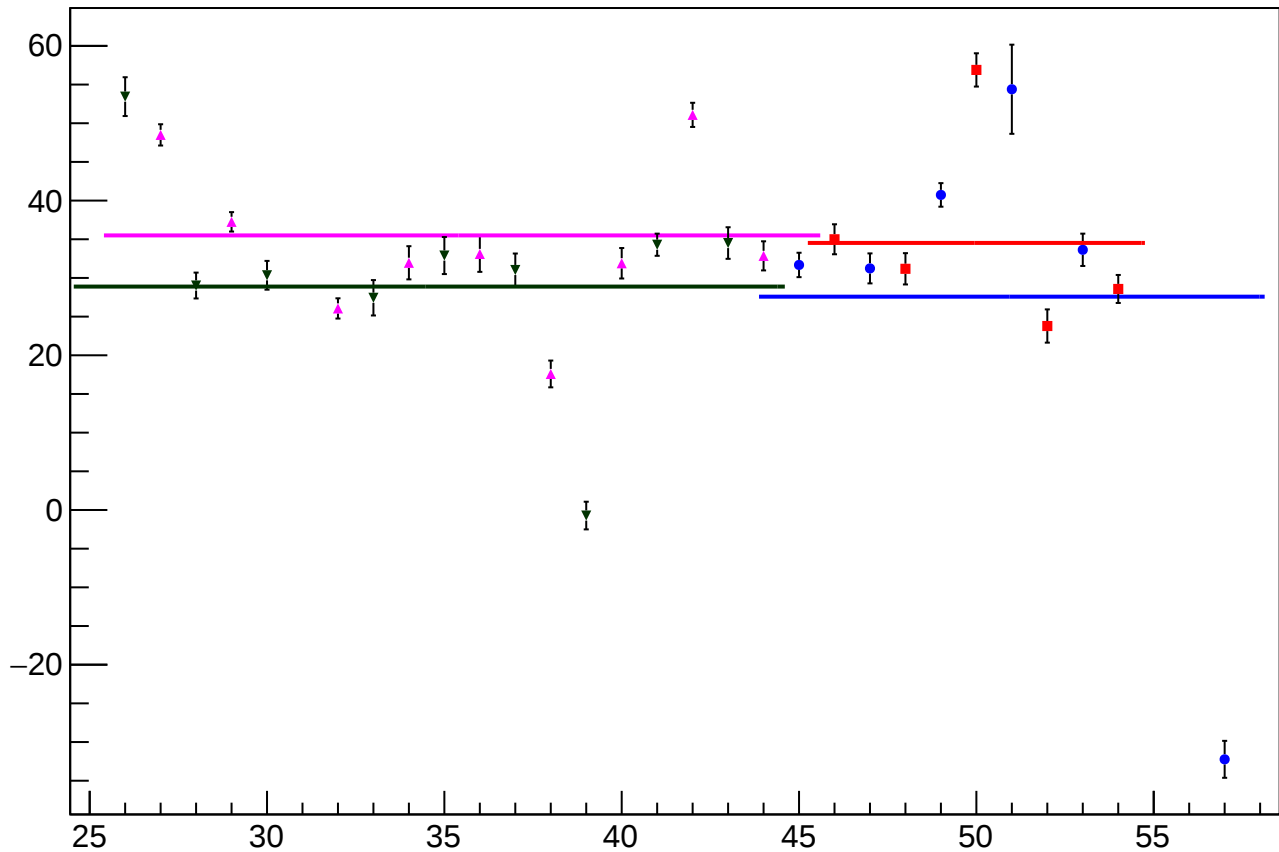
Right Out: -172.831+/-1.206 χ^2/NDF : 1290.2/4

Left In: -63.663+/-0.734 χ^2/NDF : 4921.5/8

-110.221+/-0.666 χ^2/NDF : 10525.8/14

-93.149+/-0.627 χ^2/NDF : 12190.0/13

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 27.579 $\pm$ 0.807 χ^2 /NDF: 742.2/5

Left Out: 28.884 $\pm$ 0.641 χ^2 /NDF: 396.4/8

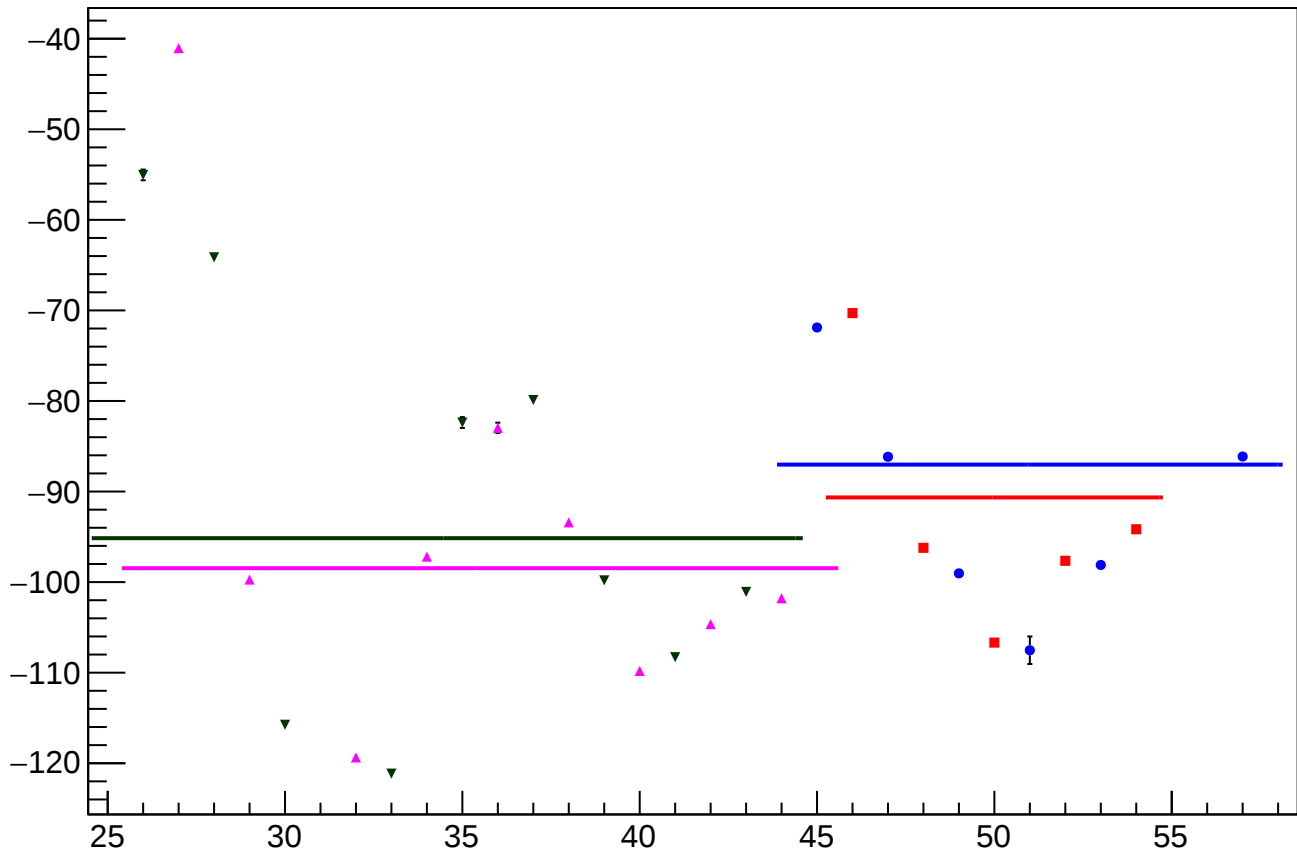
Right Out: 34.527 $\pm$ 0.895 χ^2 /NDF: 146.7/4

Left In: 35.499 $\pm$ 0.540 χ^2 /NDF: 358.9/8

28.379 $\pm$ 0.502 χ^2 /NDF: 1140.1/14

35.239 $\pm$ 0.462 χ^2 /NDF: 506.5/13

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -87.025 ± 0.185 χ^2/NDF : 3526.7/5

Left Out: -95.151 ± 0.144 χ^2/NDF : 20300.2/8

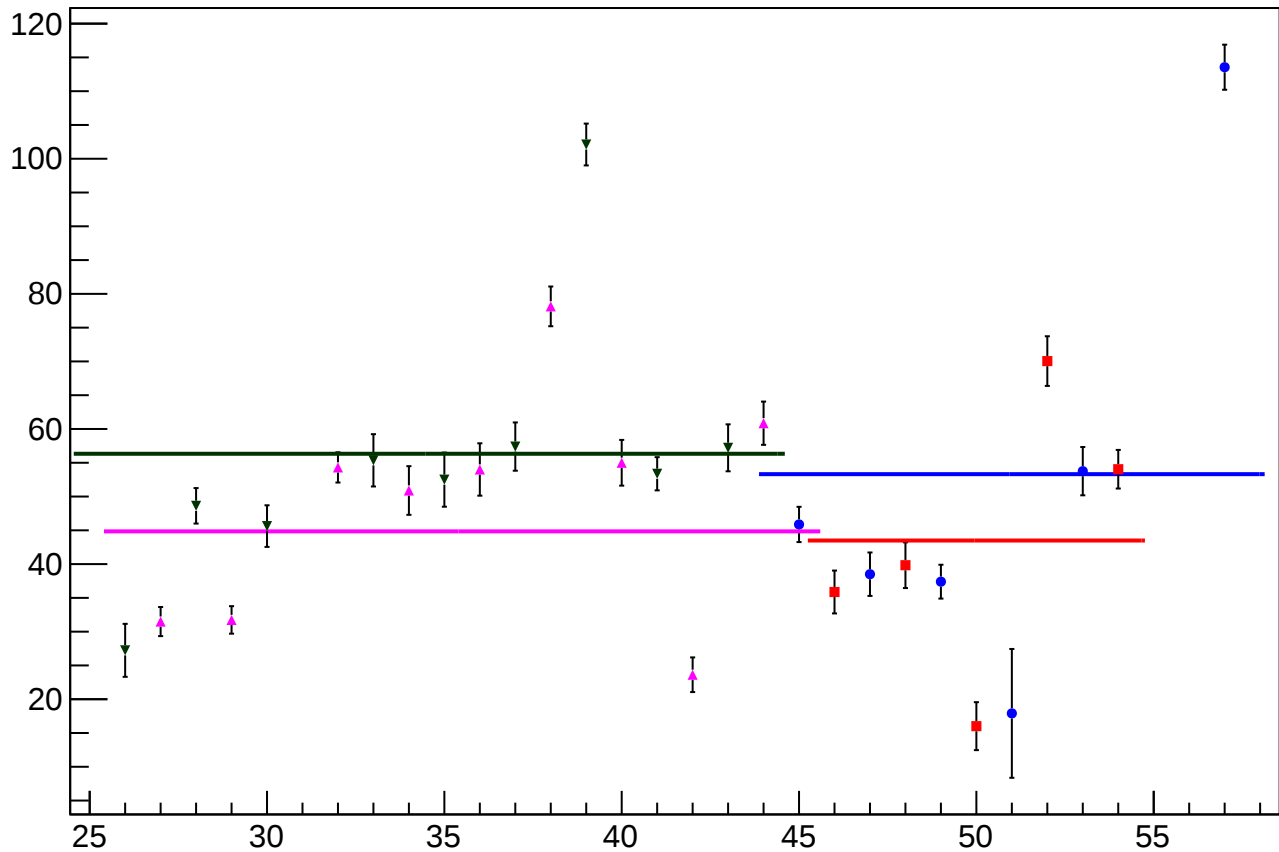
Right Out: -90.651 ± 0.204 χ^2/NDF : 3883.4/4

Left In: -98.464 ± 0.125 χ^2/NDF : 31724.1/8

-92.086 ± 0.114 χ^2/NDF : 25024.2/14

-96.334 ± 0.106 χ^2/NDF : 36679.6/13

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 53.312 ± 1.311 χ^2/NDF : 409.6/5

Left Out: 56.333 ± 1.069 χ^2/NDF : 296.9/8

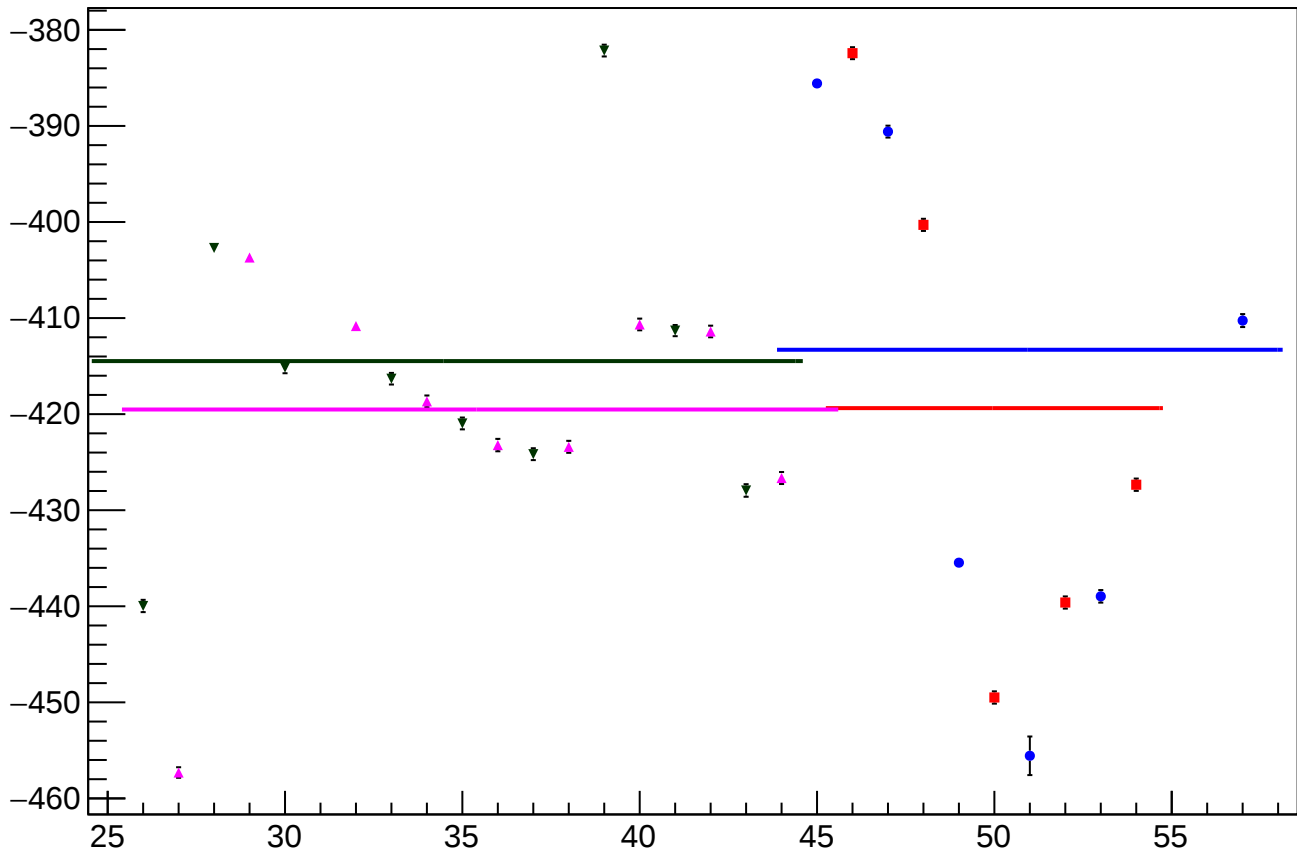
Right Out: 43.489 ± 1.470 χ^2/NDF : 132.7/4

Left In: 44.845 ± 0.893 χ^2/NDF : 337.0/8

55.126 ± 0.828 χ^2/NDF : 709.8/14

44.479 ± 0.764 χ^2/NDF : 470.3/13

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -413.298 ± 0.255 χ^2/NDF : 8299.5/5

Left Out: -414.478 ± 0.199 χ^2/NDF : 5731.0/8

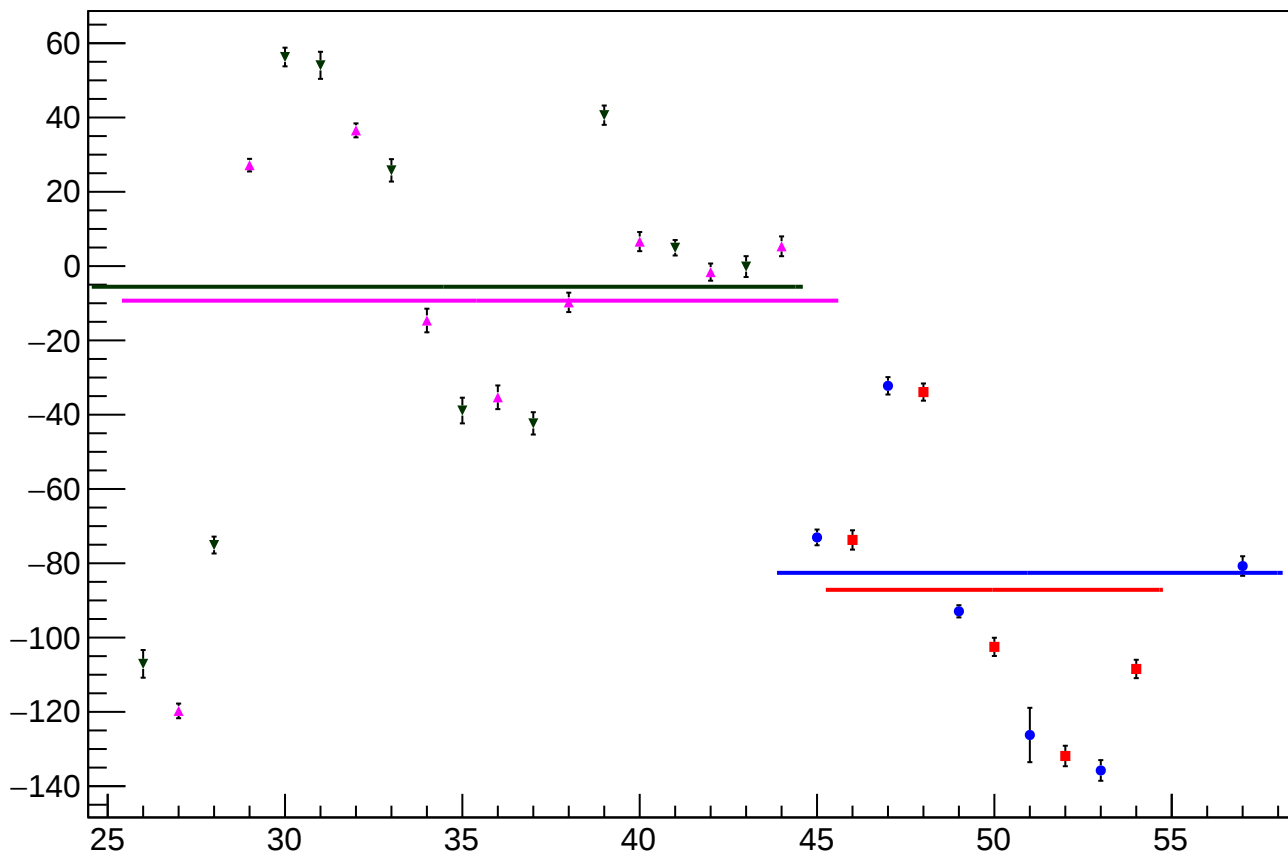
Right Out: -419.374 ± 0.284 χ^2/NDF : 7793.3/4

Left In: -419.518 ± 0.188 χ^2/NDF : 6841.3/8

-414.031 ± 0.157 χ^2/NDF : 14043.8/14

-419.474 ± 0.157 χ^2/NDF : 14634.7/13

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -82.571+/-0.967 χ^2/NDF : 922.3/5

Left Out: -5.557+/-0.874 χ^2/NDF : 3249.1/9

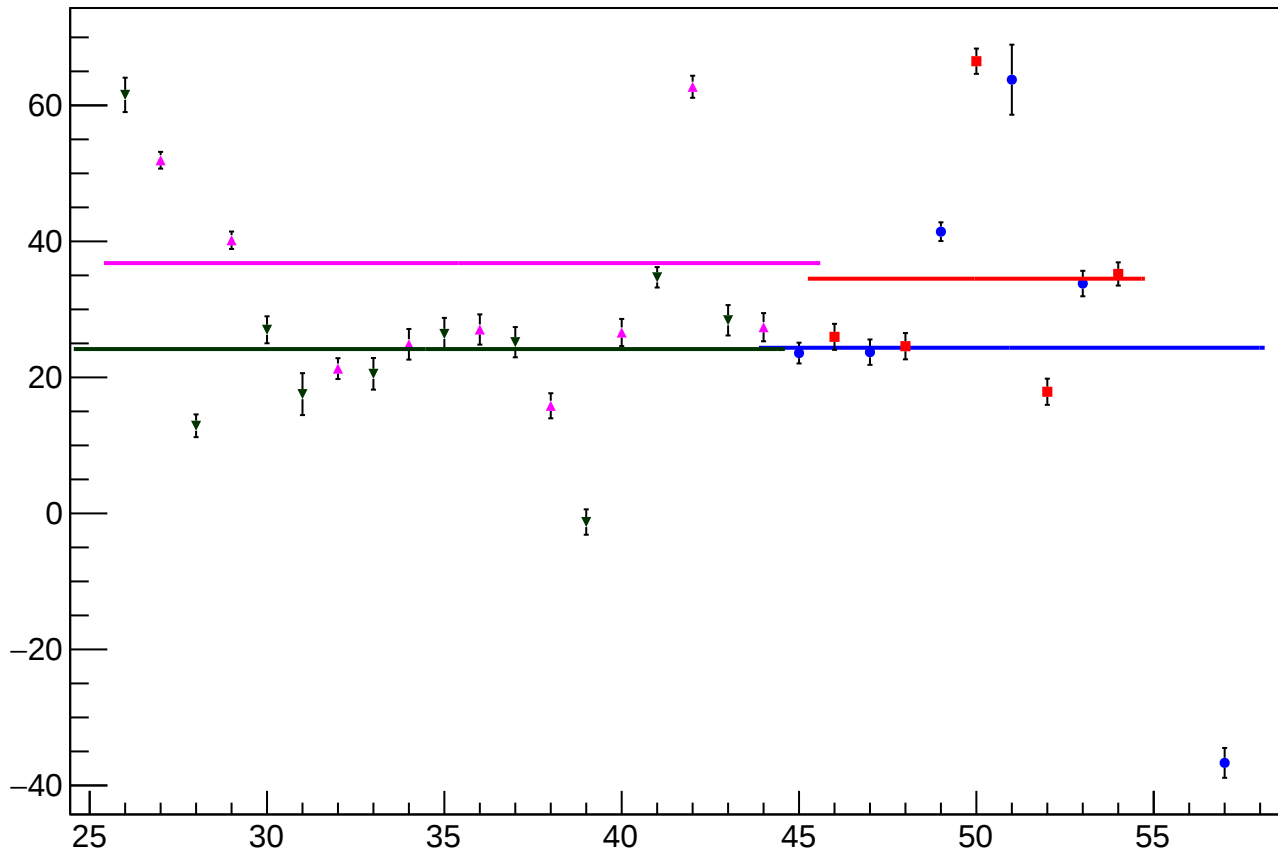
Right Out: -87.144+/-1.121 χ^2/NDF : 932.1/4

Left In: -9.304+/-0.765 χ^2/NDF : 4334.5/8

-40.162+/-0.648 χ^2/NDF : 7661.6/15

-34.040+/-0.632 χ^2/NDF : 8555.0/13

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 24.359 ± 0.751 $\chi^2/\text{NDF}: 1011.5/5$

Left Out: 24.167 ± 0.649 $\chi^2/\text{NDF}: 512.5/9$

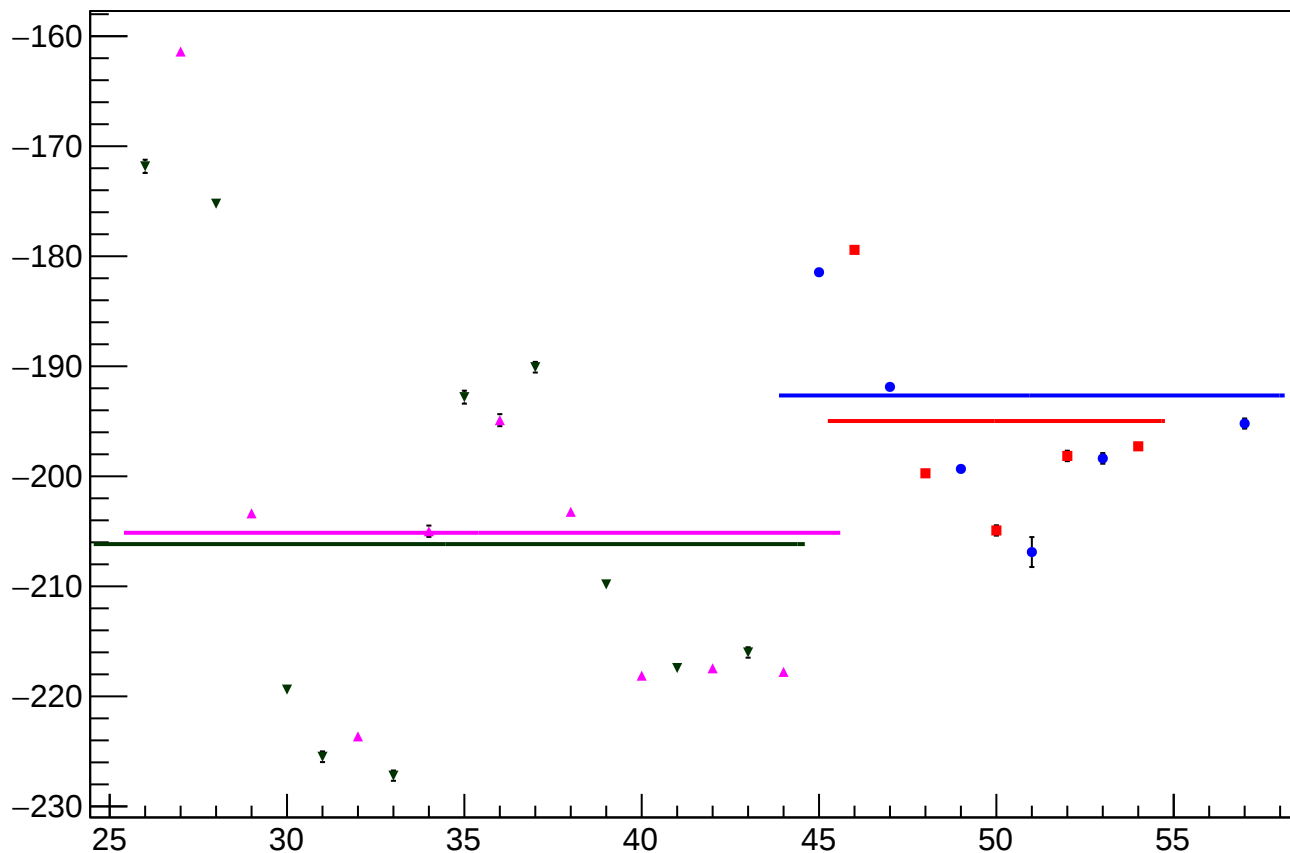
Right Out: 34.514 ± 0.832 $\chi^2/\text{NDF}: 416.6/4$

Left In: 36.806 ± 0.555 $\chi^2/\text{NDF}: 738.7/8$

24.249 ± 0.491 $\chi^2/\text{NDF}: 1524.1/15$

36.101 ± 0.462 $\chi^2/\text{NDF}: 1160.5/13$

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -192.653+/-0.173 χ^2/NDF : 1770.3/5

Left Out: -206.161+/-0.144 χ^2/NDF : 16990.9/9

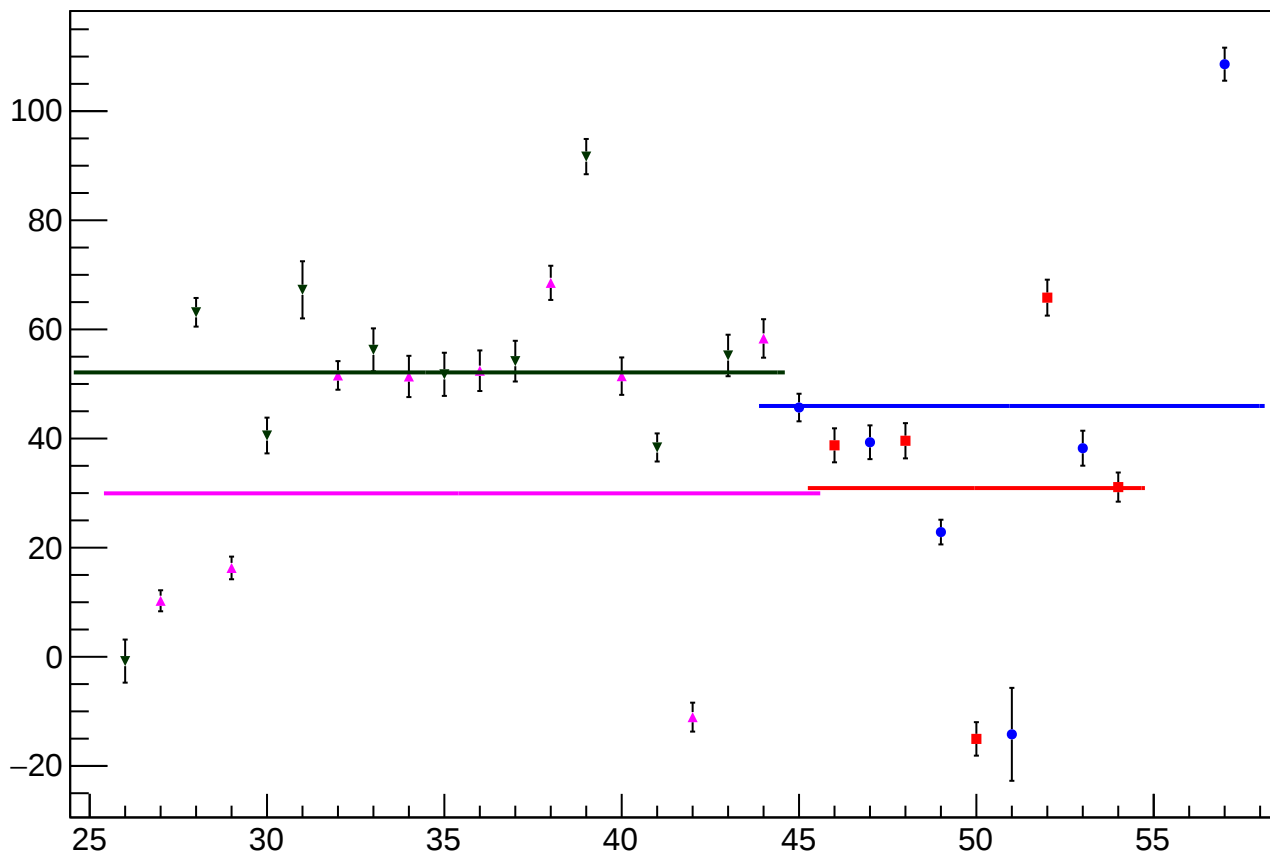
Right Out: -194.975+/-0.191 χ^2/NDF : 2217.8/4

Left In: -205.134+/-0.132 χ^2/NDF : 22564.1/8

-200.615+/-0.111 χ^2/NDF : 22363.0/15

-201.872+/-0.108 χ^2/NDF : 26696.1/13

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 45.969 $\pm$ 1.216 χ^2 /NDF: 592.7/5

Left Out: 52.118 $\pm$ 1.081 χ^2 /NDF: 398.5/9

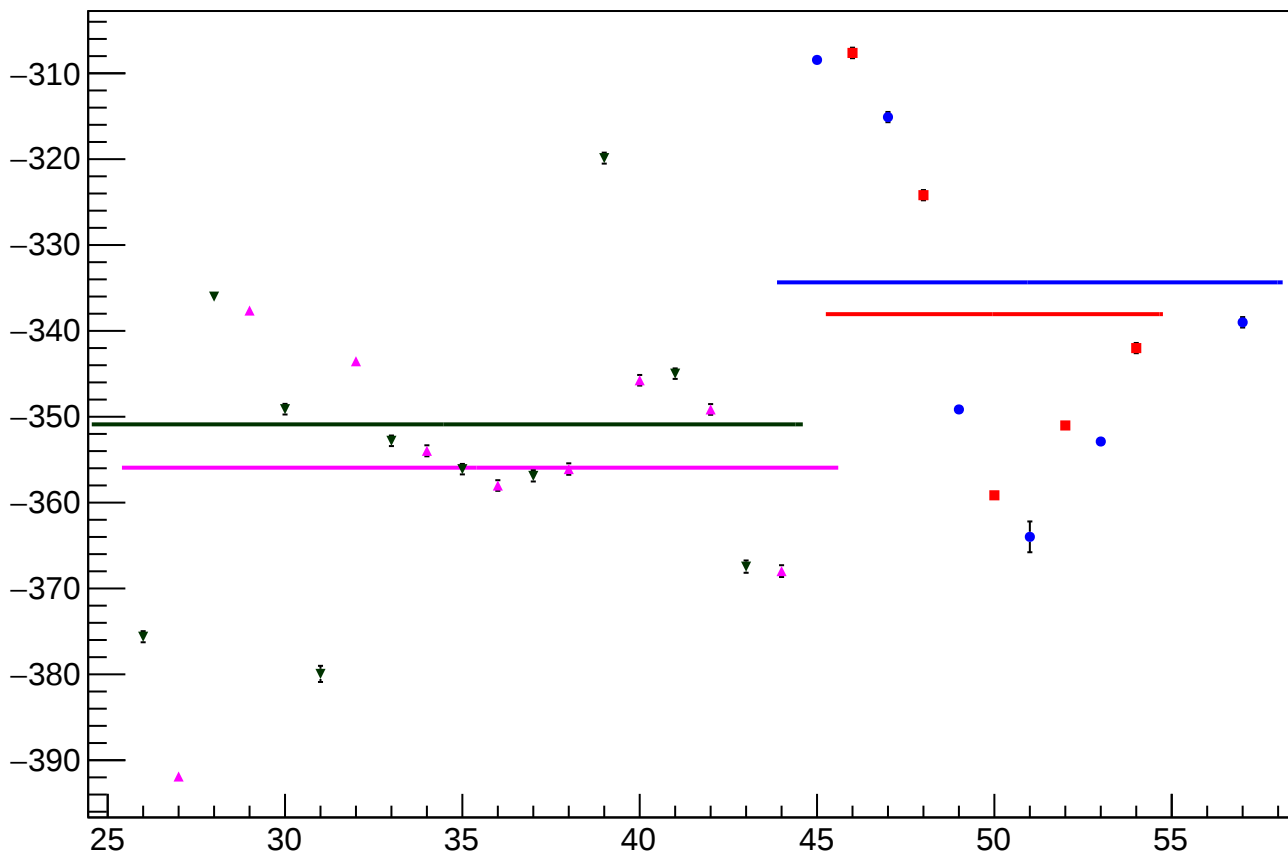
Right Out: 30.922 $\pm$ 1.364 χ^2 /NDF: 350.1/4

Left In: 29.956 $\pm$ 0.913 χ^2 /NDF: 779.4/8

49.402 $\pm$ 0.808 χ^2 /NDF: 1005.6/15

30.255 $\pm$ 0.759 χ^2 /NDF: 1129.8/13

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -334.349 ± 0.236 χ^2/NDF : 6161.7/5

Left Out: -350.887 ± 0.200 χ^2/NDF : 6484.7/9

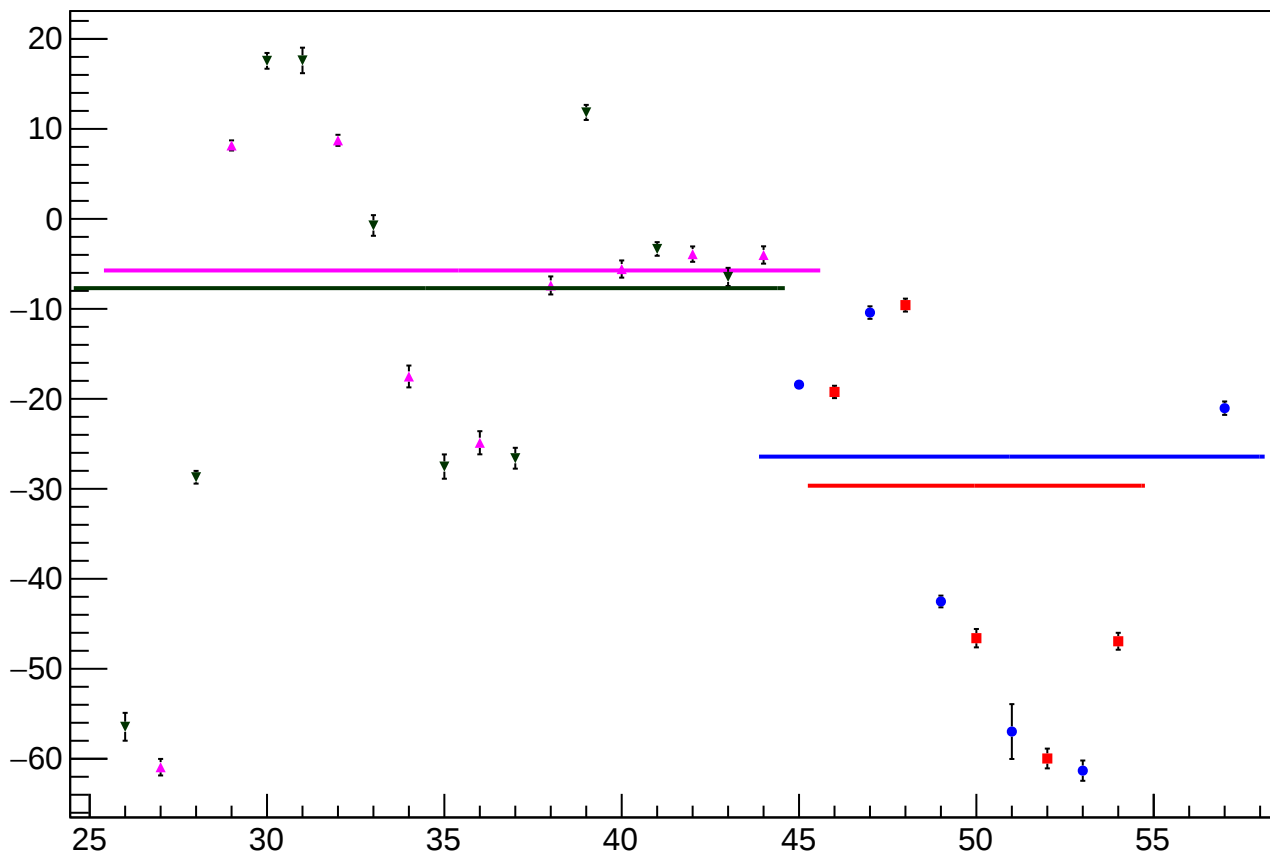
Right Out: -338.051 ± 0.262 χ^2/NDF : 5011.1/4

Left In: -355.932 ± 0.194 χ^2/NDF : 7933.4/8

-343.973 ± 0.152 χ^2/NDF : 15508.0/15

-349.590 ± 0.156 χ^2/NDF : 15958.0/13

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -26.420 ± 0.311 χ^2/NDF : 2455.9/5

Left Out: -7.698 ± 0.310 χ^2/NDF : 4119.4/9

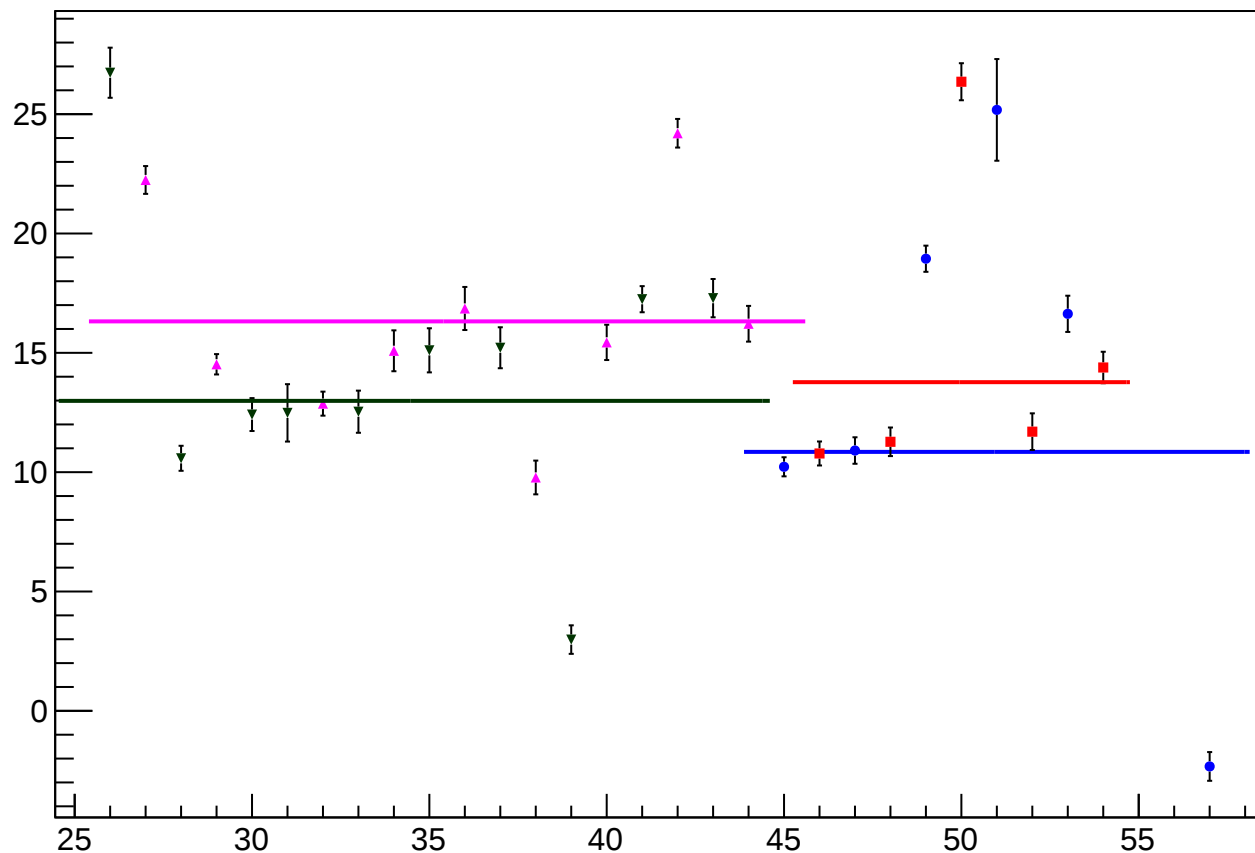
Right Out: -29.653 ± 0.379 χ^2/NDF : 2383.4/4

Left In: -5.733 ± 0.279 χ^2/NDF : 5095.9/8

-17.029 ± 0.219 χ^2/NDF : 8394.7/15

-14.163 ± 0.225 χ^2/NDF : 10061.5/13

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 10.850 $\pm$ 0.239 χ^2 /NDF: 803.3/5

Left Out: 12.987 $\pm$ 0.230 χ^2 /NDF: 575.0/9

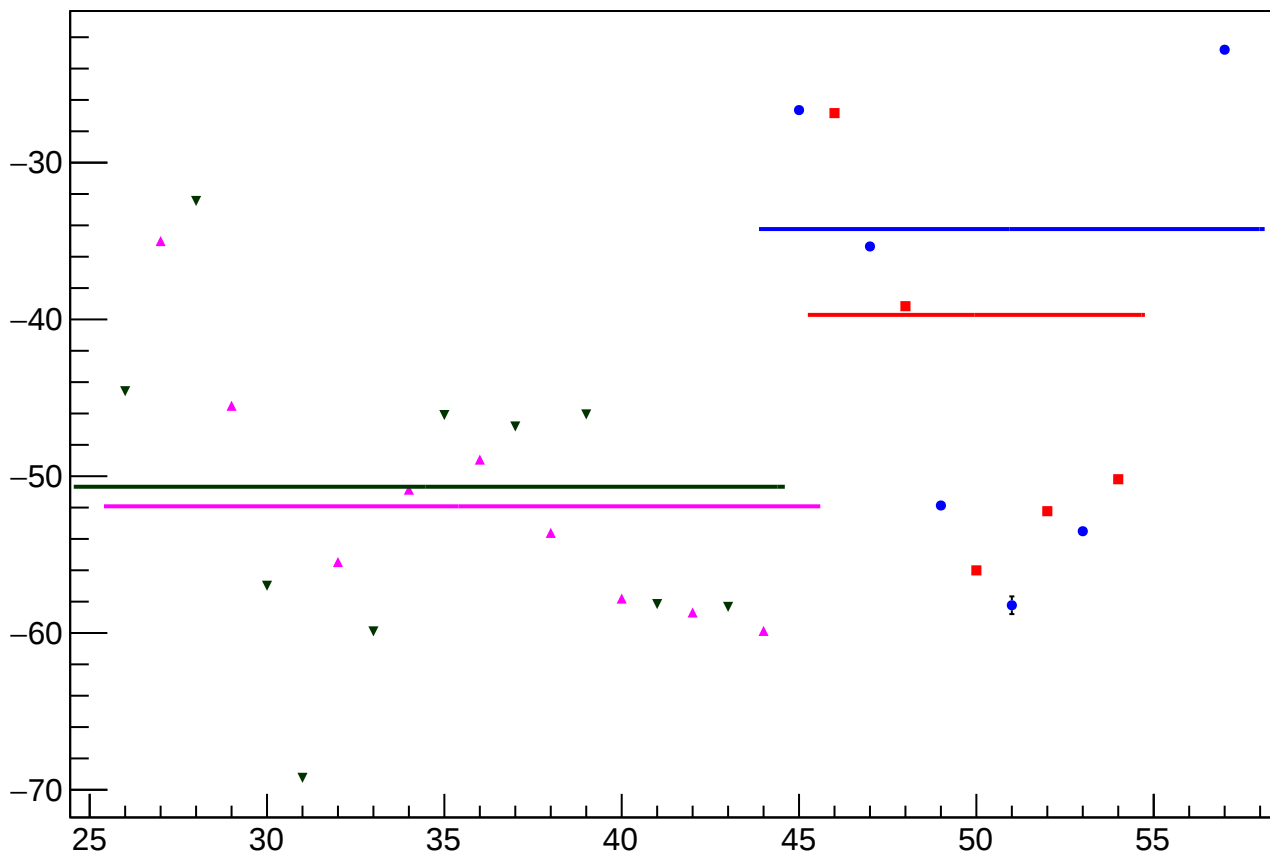
Right Out: 13.771 $\pm$ 0.284 χ^2 /NDF: 324.0/4

Left In: 16.318 $\pm$ 0.207 χ^2 /NDF: 430.3/8

11.957 $\pm$ 0.166 χ^2 /NDF: 1419.9/15

15.435 $\pm$ 0.167 χ^2 /NDF: 806.9/13

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -34.236 $\pm$ 0.054 χ^2 /NDF: 43805.0/5

Left Out: -50.671 $\pm$ 0.051 χ^2 /NDF: 44323.0/9

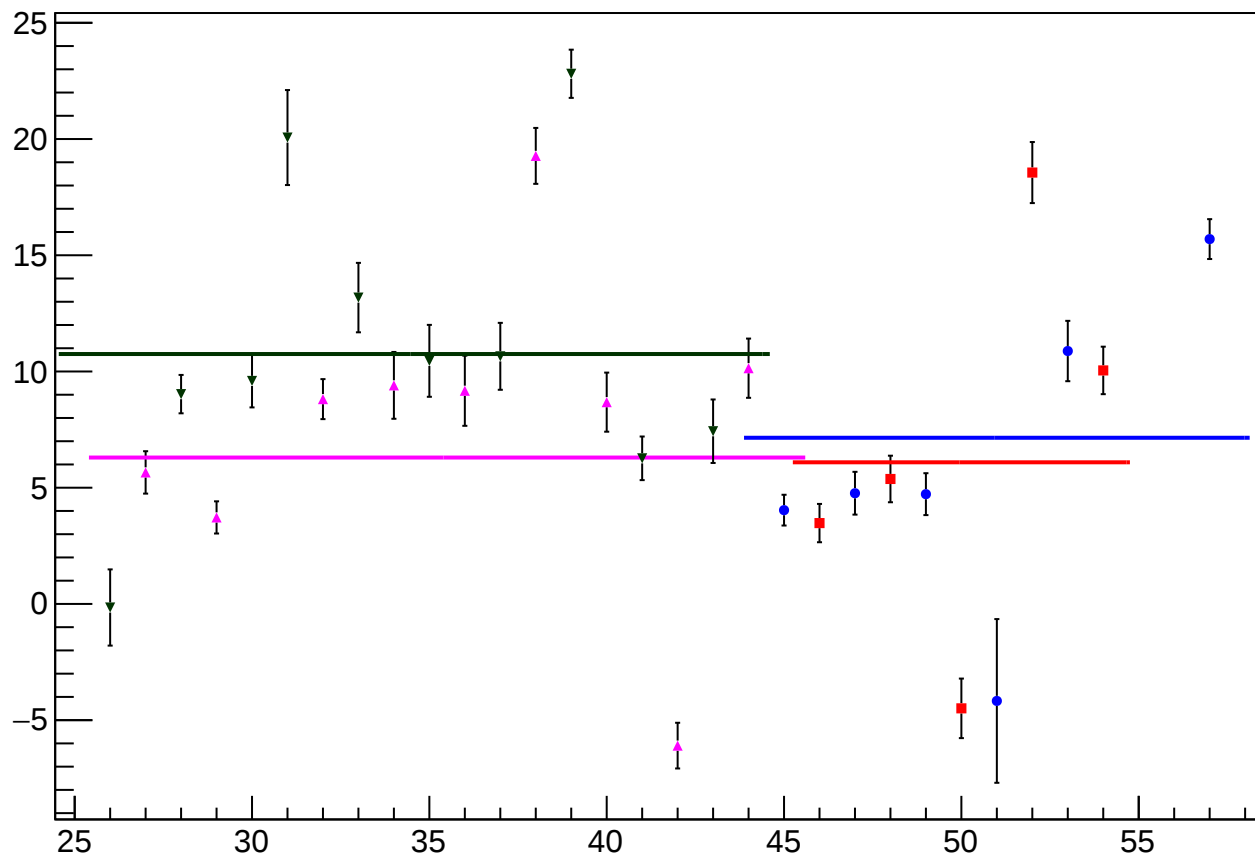
Right Out: -39.710 $\pm$ 0.063 χ^2 /NDF: 31452.0/4

Left In: -51.920 $\pm$ 0.048 χ^2 /NDF: 21764.1/8

-42.873 $\pm$ 0.037 χ^2 /NDF: 136855.0/15

-47.469 $\pm$ 0.038 χ^2 /NDF: 76960.0/13

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 7.149 ± 0.385 $\chi^2/\text{NDF}: 154.0/5$

Left Out: 10.751 ± 0.383 $\chi^2/\text{NDF}: 237.1/9$

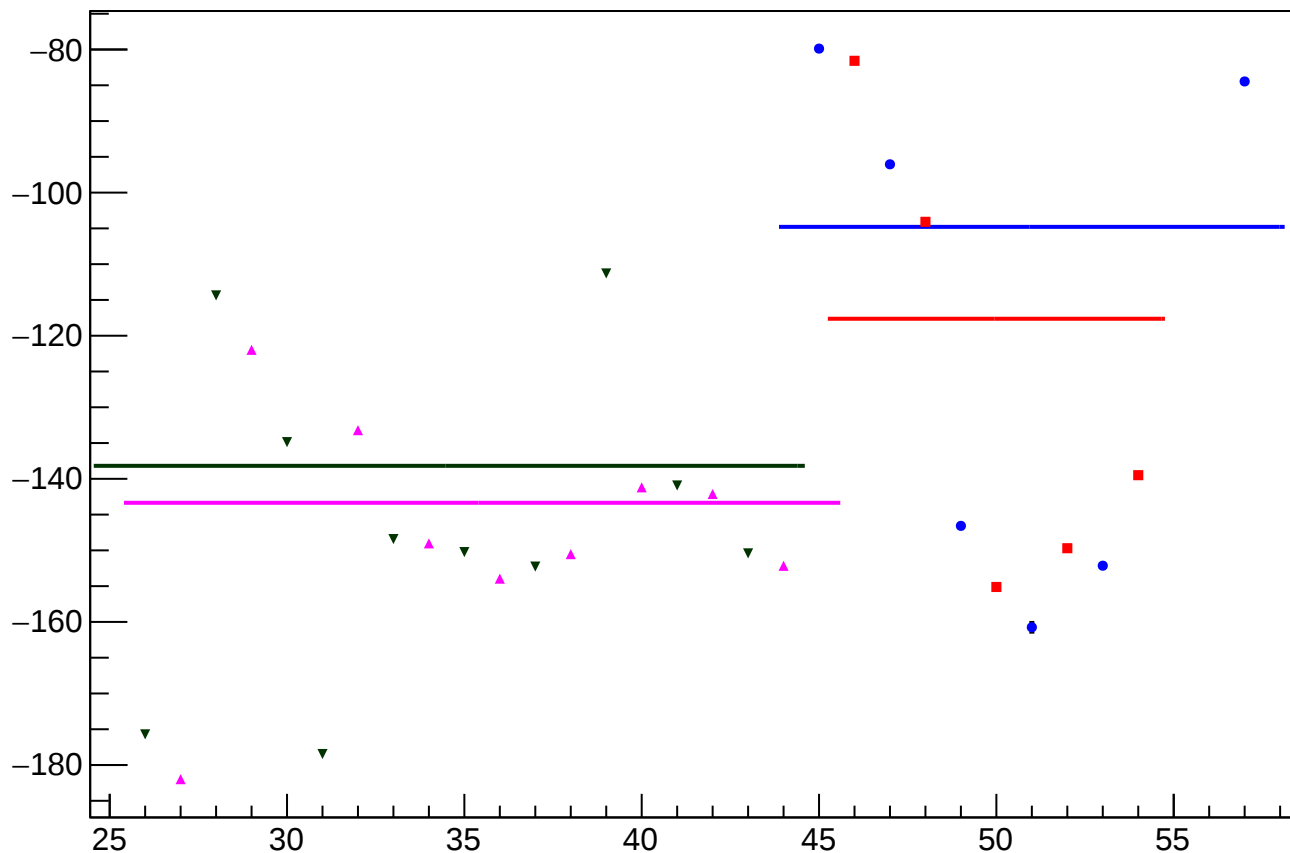
Right Out: 6.093 ± 0.465 $\chi^2/\text{NDF}: 183.9/4$

Left In: 6.298 ± 0.343 $\chi^2/\text{NDF}: 319.2/8$

8.959 ± 0.272 $\chi^2/\text{NDF}: 435.0/15$

6.226 ± 0.276 $\chi^2/\text{NDF}: 503.2/13$

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -104.786+/-0.076 χ^2/NDF : 155474.0/5

Left Out: -138.184+/-0.072 χ^2/NDF : 82180.0/9

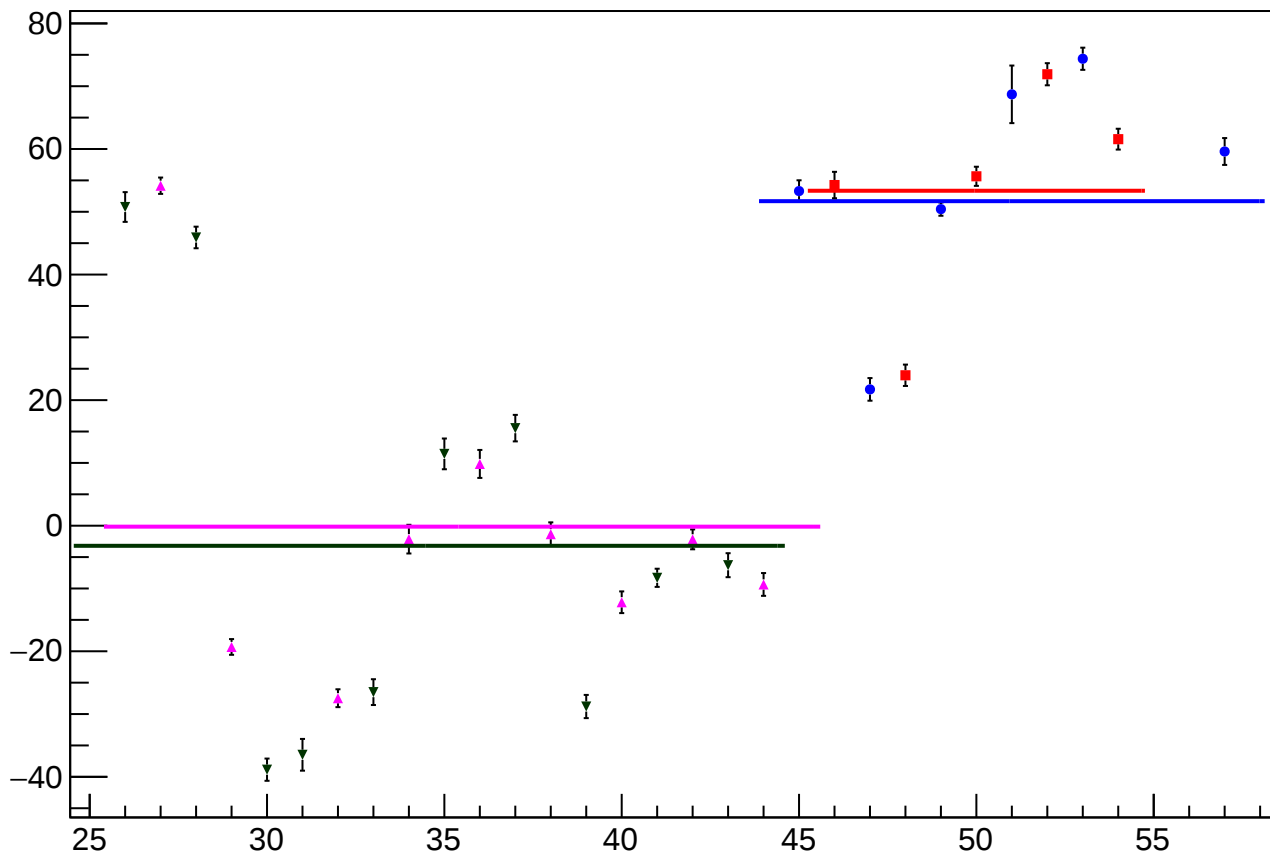
Right Out: -117.629+/-0.090 χ^2/NDF : 110040.1/4

Left In: -143.350+/-0.072 χ^2/NDF : 55051.5/8

-122.386+/-0.052 χ^2/NDF : 340193.7/15

-133.344+/-0.056 χ^2/NDF : 214816.0/13

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 51.691 $\pm$ 0.685 χ^2 /NDF: 471.3/5

Left Out: -3.202 $\pm$ 0.613 χ^2 /NDF: 2363.4/9

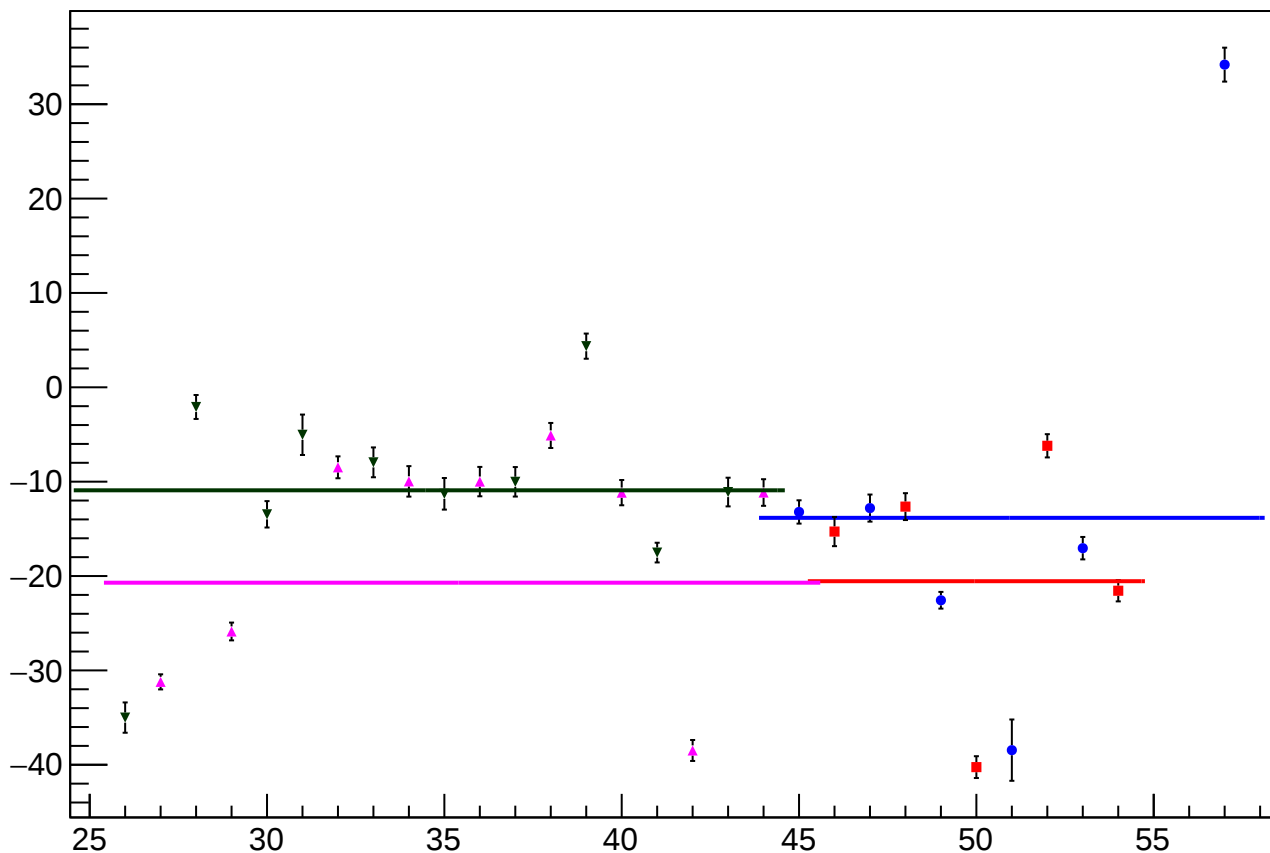
Right Out: 53.350 $\pm$ 0.770 χ^2 /NDF: 436.2/4

Left In: -0.152 $\pm$ 0.540 χ^2 /NDF: 2441.2/8

21.205 $\pm$ 0.457 χ^2 /NDF: 6403.8/15

17.466 $\pm$ 0.442 χ^2 /NDF: 6115.6/13

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -13.832 $\pm$ 0.532 χ^2 /NDF: 876.1/5

Left Out: -10.916 $\pm$ 0.456 χ^2 /NDF: 459.2/9

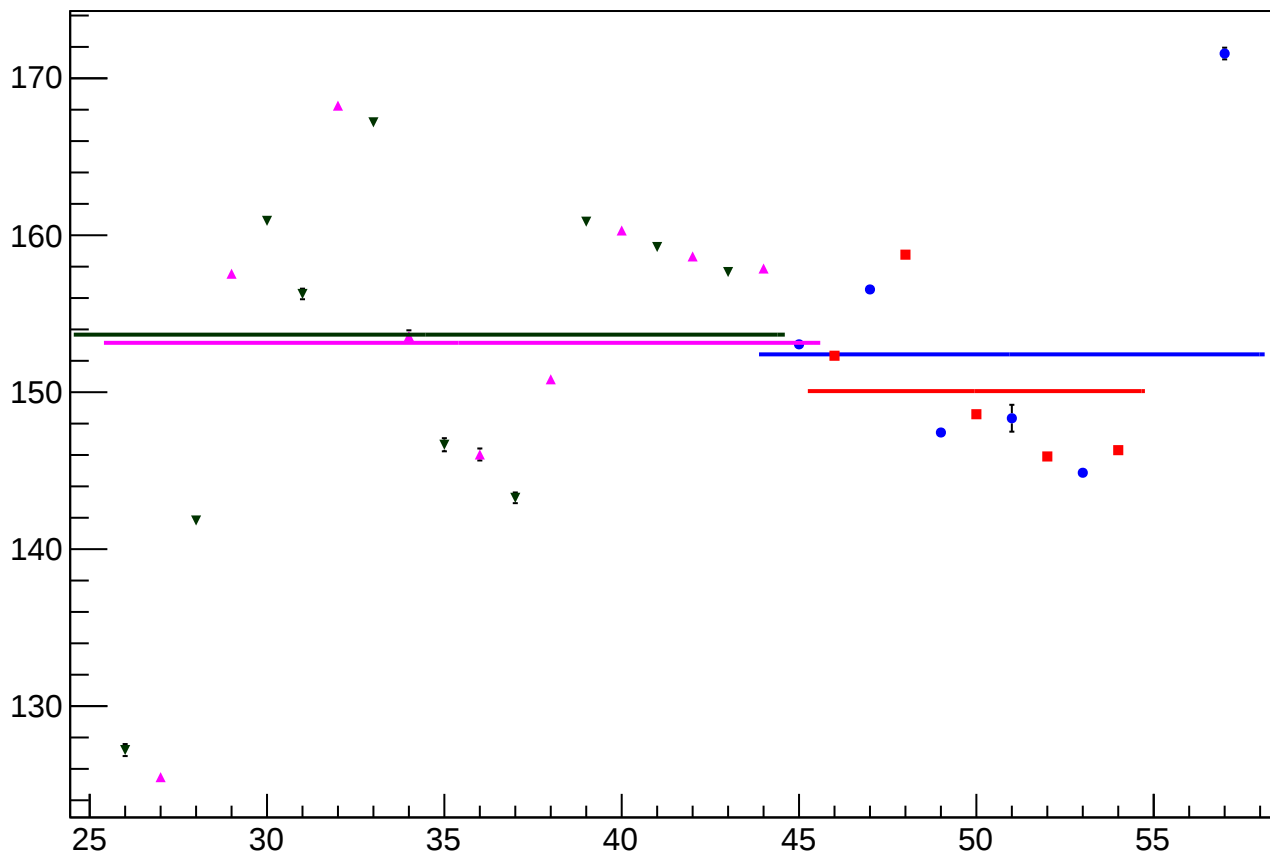
Right Out: -20.547 $\pm$ 0.568 χ^2 /NDF: 469.6/4

Left In: -20.706 $\pm$ 0.387 χ^2 /NDF: 896.2/8

-12.149 $\pm$ 0.346 χ^2 /NDF: 1352.6/15

-20.656 $\pm$ 0.320 χ^2 /NDF: 1365.9/13

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 152.411+/-0.124 χ^2/NDF : 3976.7/5

Left Out: 153.668+/-0.101 χ^2/NDF : 11181.3/9

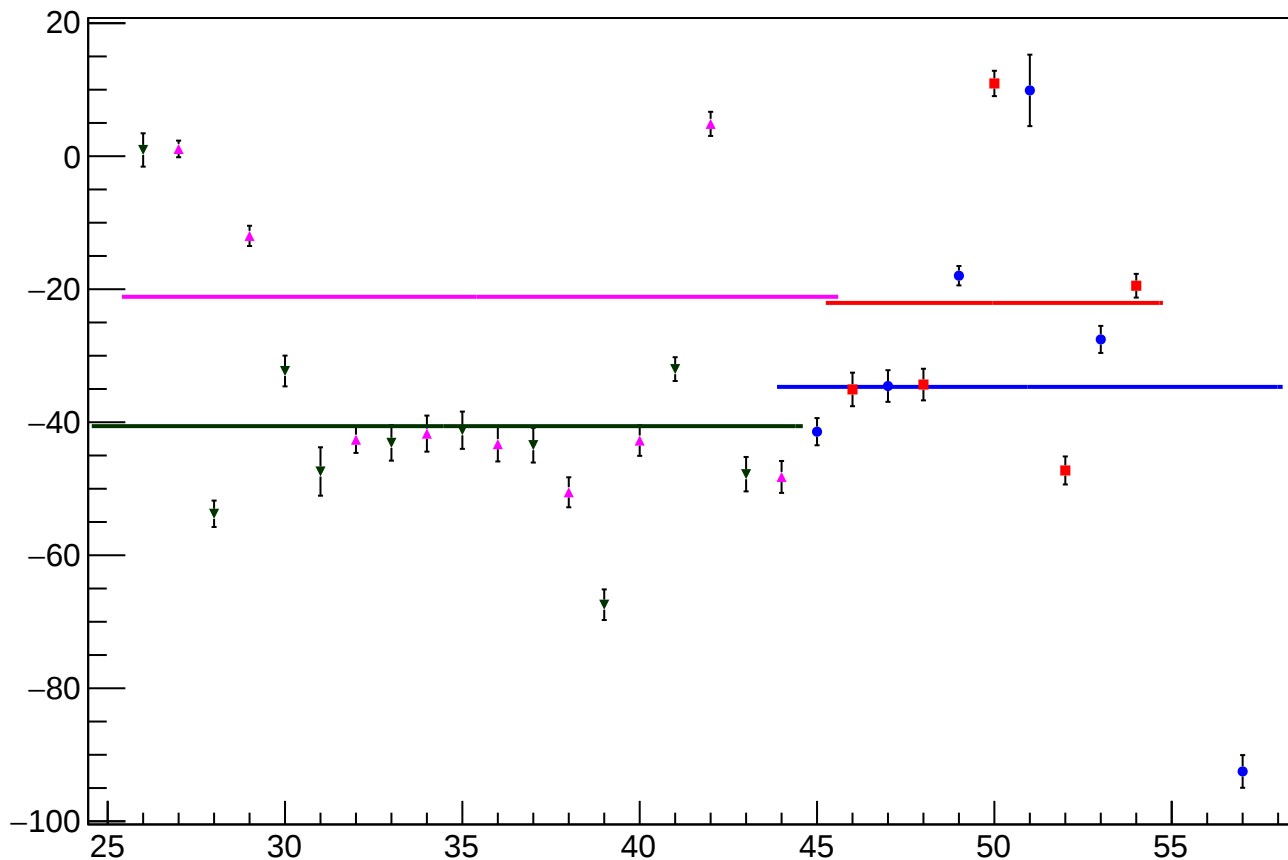
Right Out: 150.070+/-0.133 χ^2/NDF : 1248.8/4

Left In: 153.146+/-0.093 χ^2/NDF : 20805.5/8

153.168+/-0.078 χ^2/NDF : 15219.5/15

152.135+/-0.076 χ^2/NDF : 22413.3/13

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -34.684 ± 0.867 $\chi^2/\text{NDF}: 776.4/5$

Left Out: -40.588 ± 0.759 $\chi^2/\text{NDF}: 503.5/9$

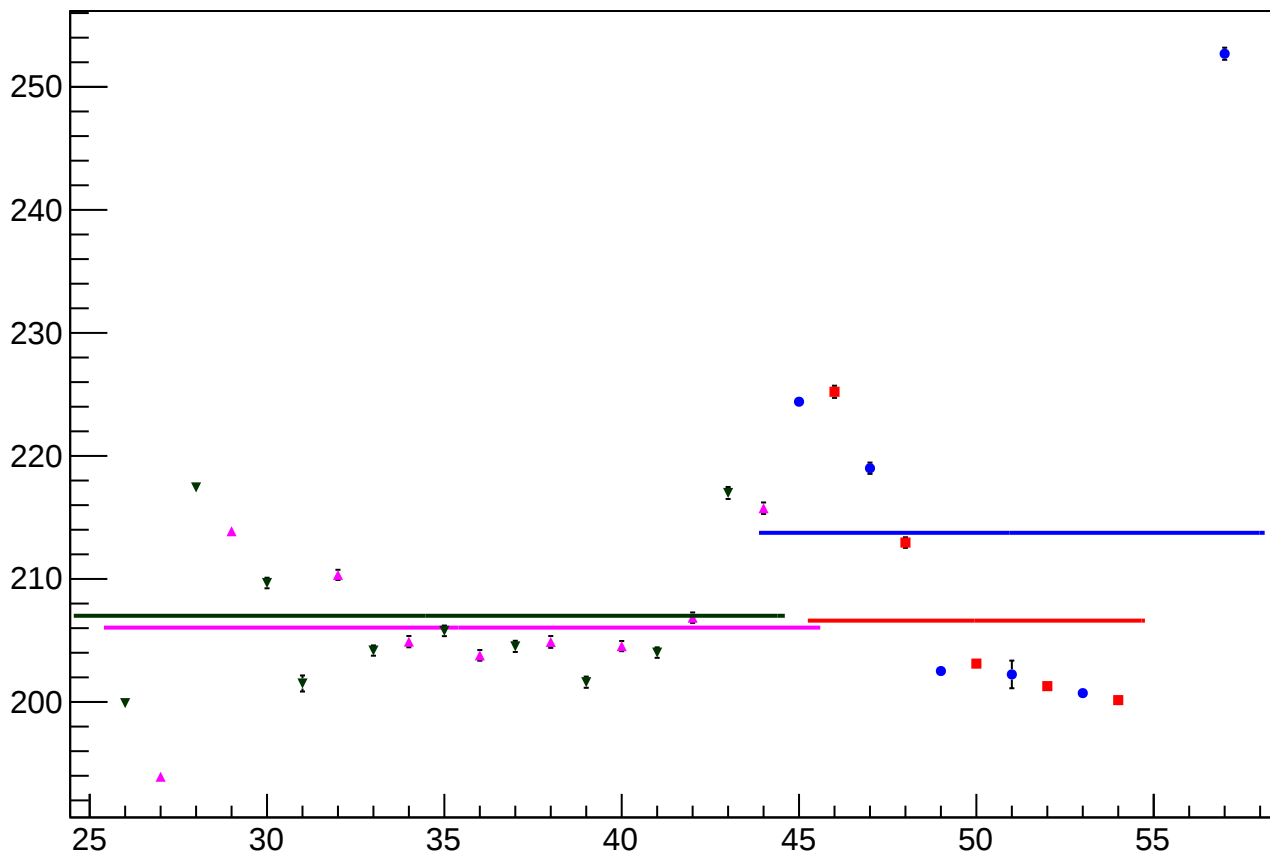
Right Out: -22.057 ± 0.933 $\chi^2/\text{NDF}: 498.2/4$

Left In: -21.140 ± 0.636 $\chi^2/\text{NDF}: 1191.2/8$

-38.030 ± 0.571 $\chi^2/\text{NDF}: 1306.2/15$

-21.431 ± 0.525 $\chi^2/\text{NDF}: 1690.0/13$

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 213.751 ± 0.167 χ^2/NDF : 10033.1/5

Left Out: 207.007 ± 0.139 χ^2/NDF : 1896.8/9

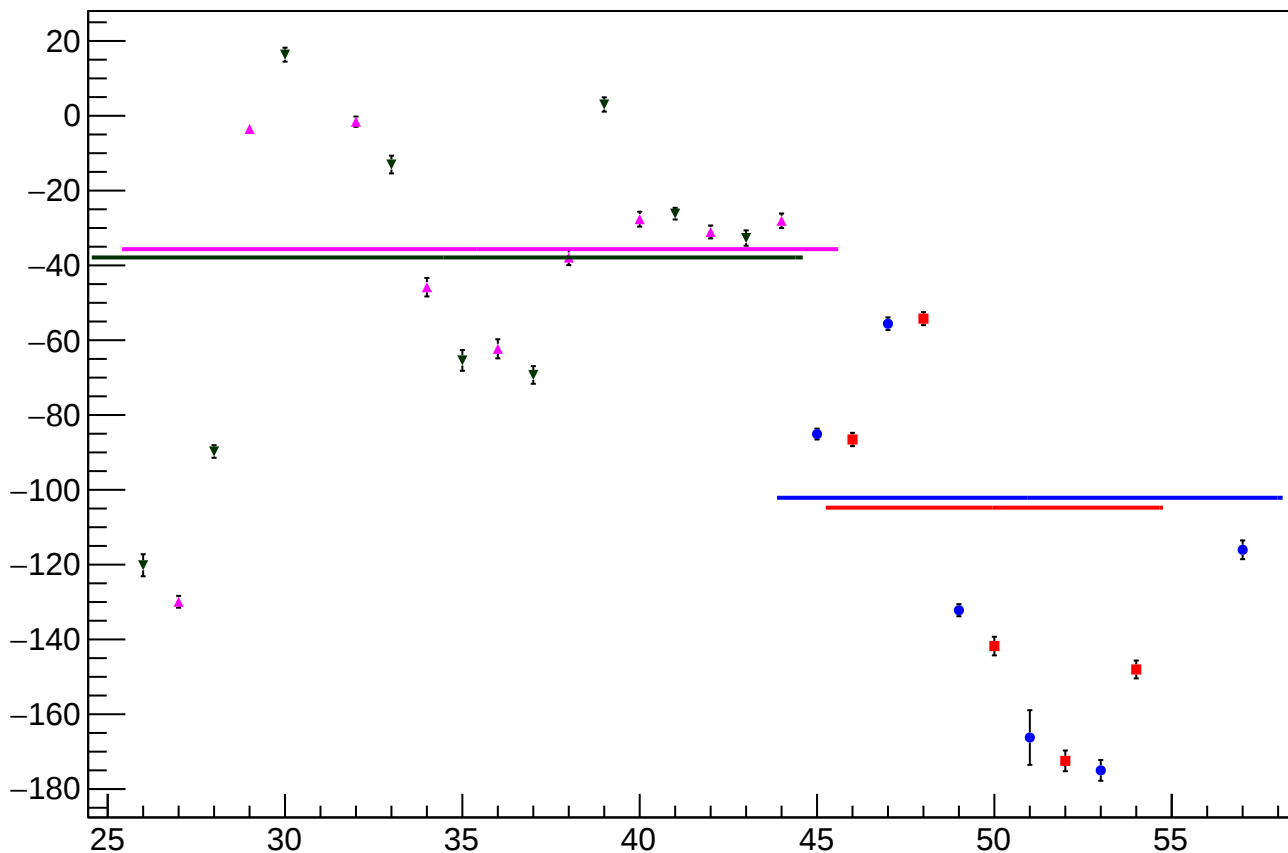
Right Out: 206.612 ± 0.178 χ^2/NDF : 2205.9/4

Left In: 206.045 ± 0.136 χ^2/NDF : 2460.3/8

209.774 ± 0.107 χ^2/NDF : 12891.4/15

206.255 ± 0.108 χ^2/NDF : 4672.6/13

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -102.122+/-0.813 χ^2/NDF : 2036.2/5

Left Out: -37.875+/-0.681 χ^2/NDF : 3472.1/8

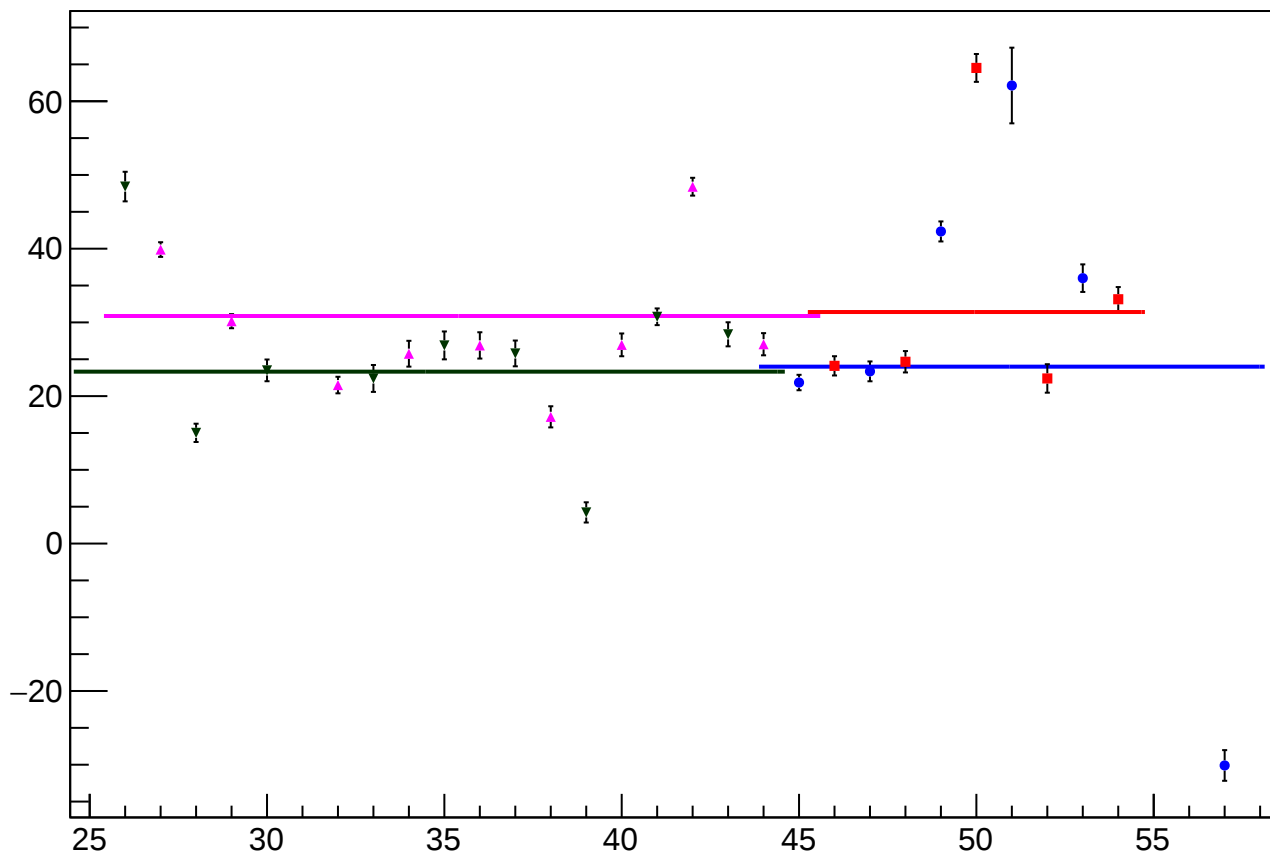
Right Out: -104.767+/-0.948 χ^2/NDF : 2095.5/4

Left In: -35.653+/-0.581 χ^2/NDF : 4958.4/8

-64.347+/-0.522 χ^2/NDF : 9178.6/14

-54.505+/-0.495 χ^2/NDF : 10918.1/13

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 23.996+/-0.625 χ^2/NDF : 959.4/5

Left Out: 23.318+/-0.503 χ^2/NDF : 453.6/8

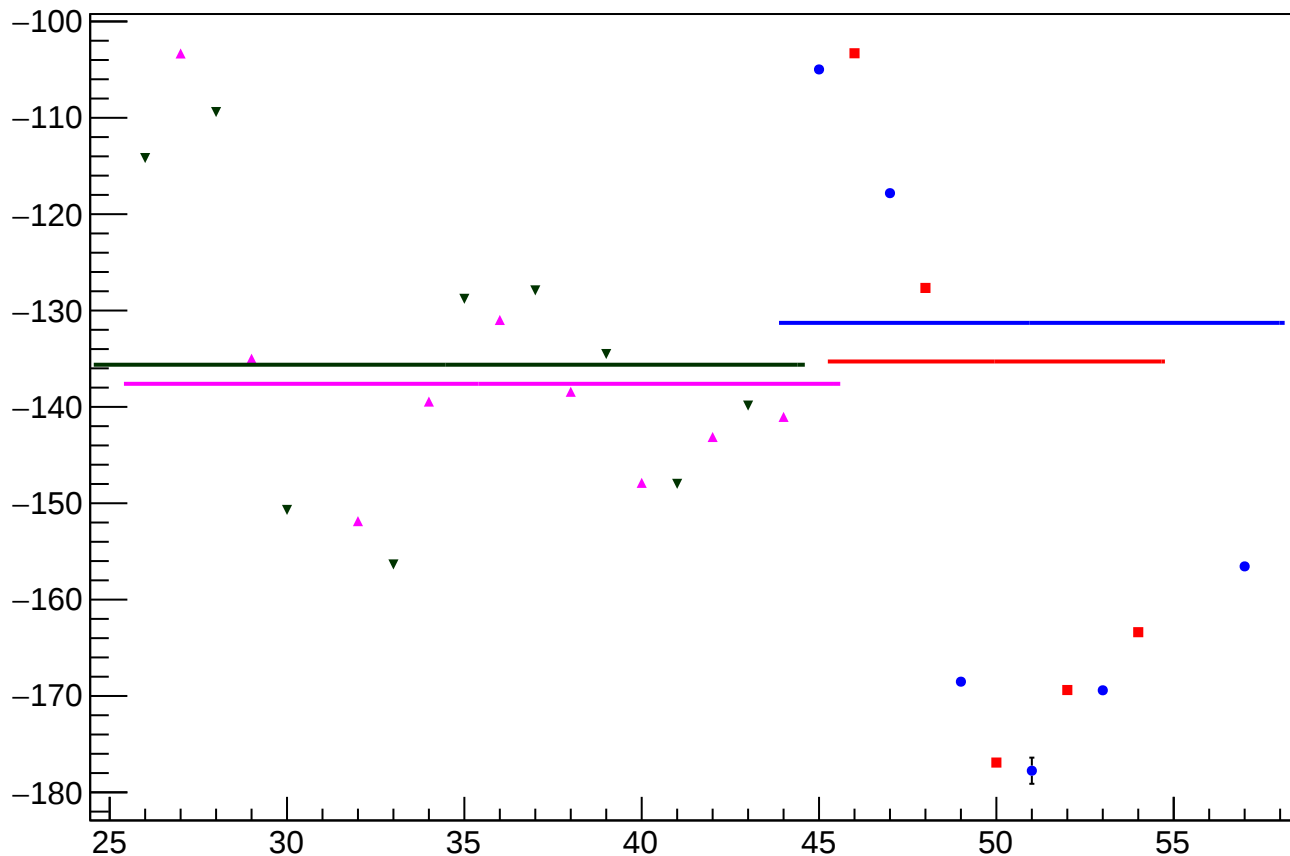
Right Out: 31.408+/-0.711 χ^2/NDF : 382.7/4

Left In: 30.868+/-0.424 χ^2/NDF : 480.3/8

23.585+/-0.392 χ^2/NDF : 1413.8/14

31.010+/-0.364 χ^2/NDF : 863.5/13

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -131.280 ± 0.141 χ^2/NDF : 38286.3/5

Left Out: -135.624 ± 0.114 χ^2/NDF : 18316.3/8

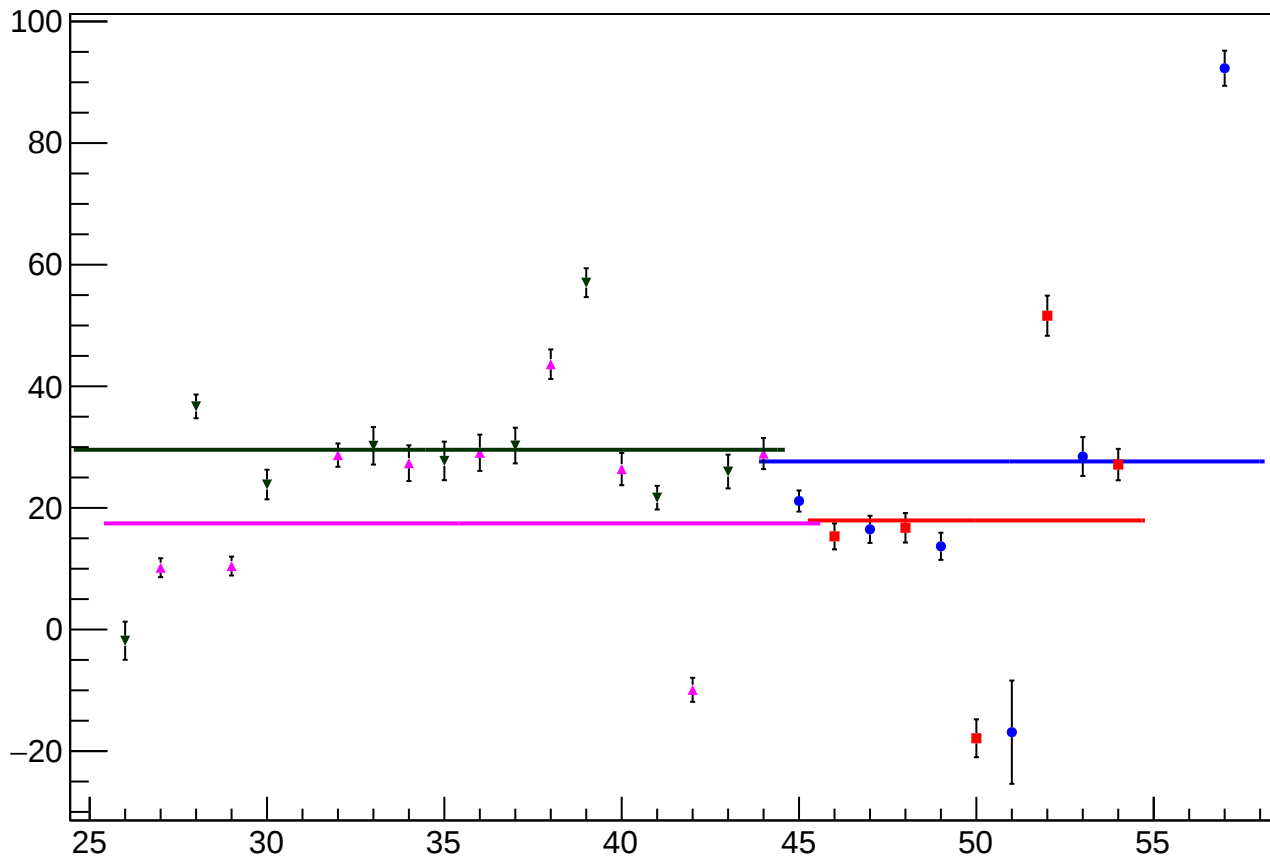
Right Out: -135.288 ± 0.159 χ^2/NDF : 32706.1/4

Left In: -137.605 ± 0.100 χ^2/NDF : 21119.1/8

-133.909 ± 0.089 χ^2/NDF : 57173.3/14

-136.951 ± 0.084 χ^2/NDF : 53977.7/13

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 27.643+/-1.018 χ^2 /NDF: 606.6/5

Left Out: 29.561+/-0.838 χ^2 /NDF:271.6/8

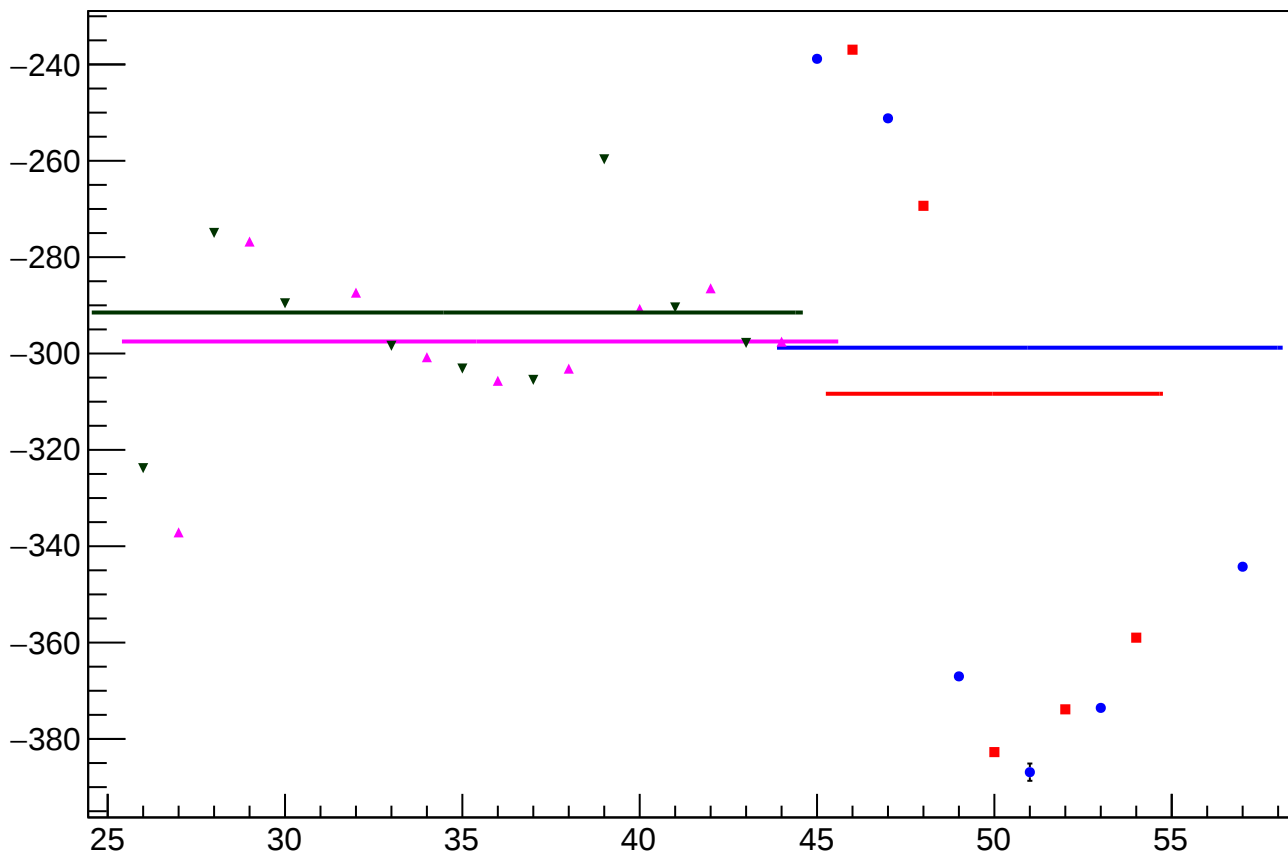
Right Out: 17.939+/-1.168 χ^2 /NDF: 250.4/4

Left In: 17.454+/-0.699 χ^2 /NDF:441.9/8

28.786+/-0.647 χ^2 /NDF: 880.3/14

17.582+/-0.600 χ^2 /NDF: 692.4/13

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -298.792+/-0.199 χ^2/NDF : 92339.8/5

Left Out: -291.489+/-0.156 χ^2/NDF :12241.2/8

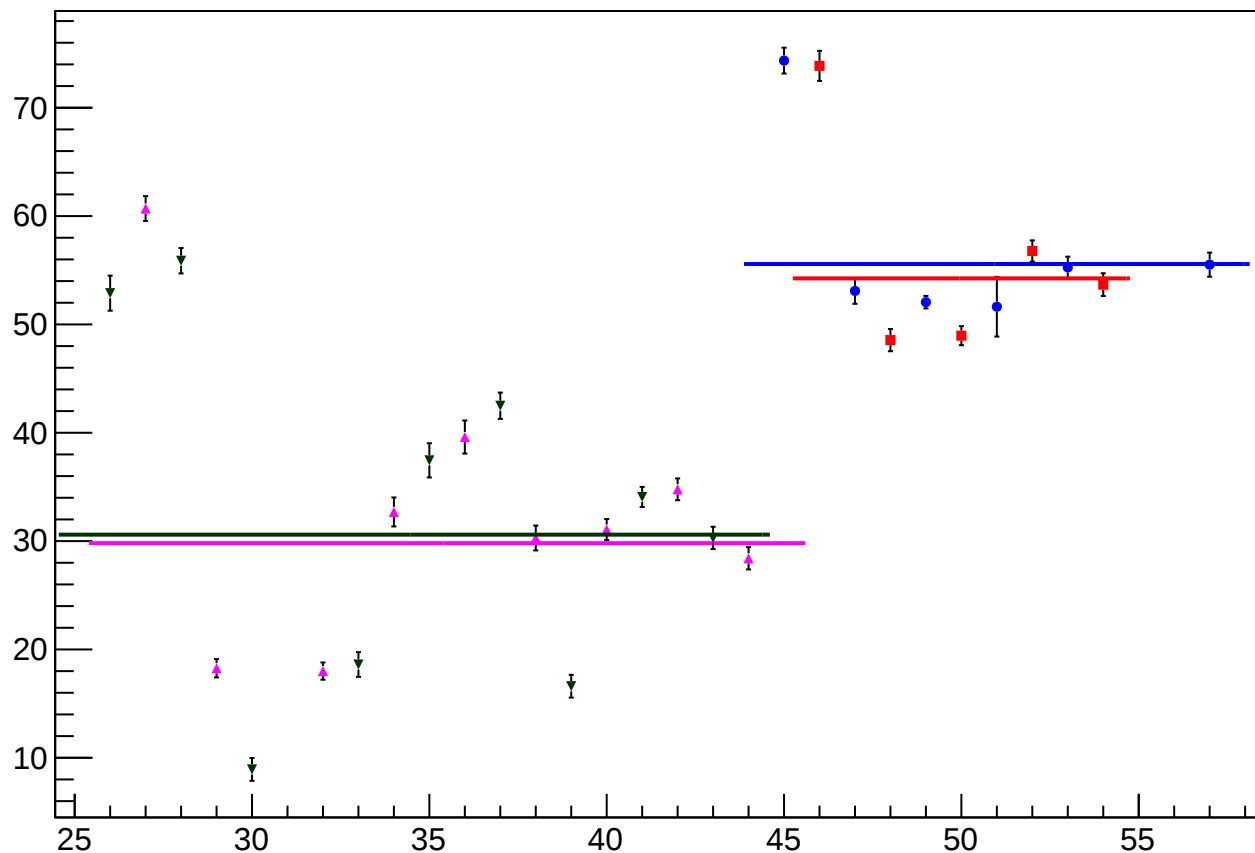
Right Out: -308.354+/-0.226 χ^2/NDF : 74318.3/4

Left In: -297.505+/-0.148 χ^2/NDF :15085.1/8

-294.278+/-0.123 χ^2/NDF : 105415.8/14

-300.771+/-0.124 χ^2/NDF : 91012.7/13

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 55.577 $\pm$ 0.397 χ^2/NDF : 291.3/5

Left Out: 30.597 $\pm$ 0.381 χ^2/NDF :1496.6/8

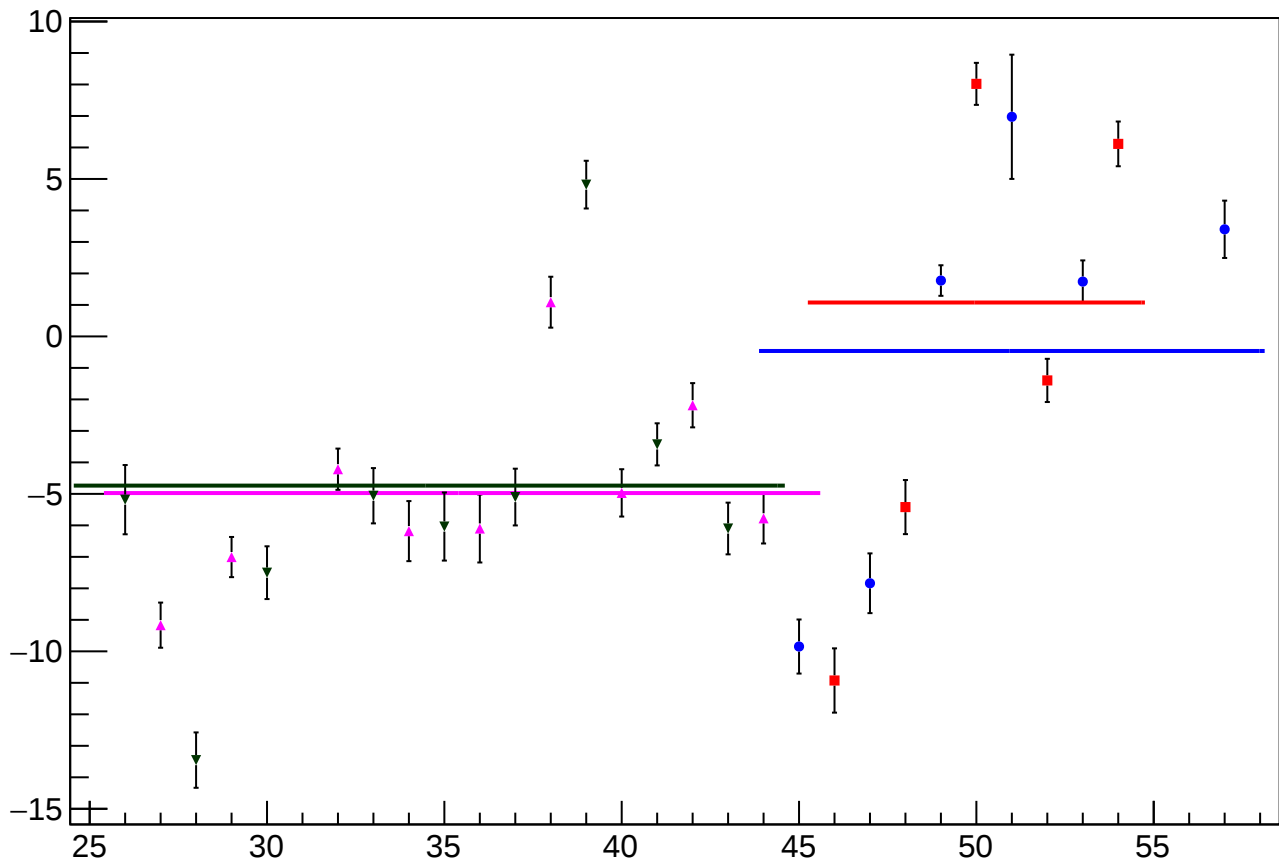
Right Out: 54.249 $\pm$ 0.461 χ^2/NDF : 273.7/4

Left In: 29.811 $\pm$ 0.343 χ^2/NDF :1208.1/8

42.599 $\pm$ 0.275 χ^2/NDF : 3849.0/14

38.536 $\pm$ 0.275 χ^2/NDF : 3290.7/13

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -0.462 ± 0.310 χ^2/NDF : 244.1/5

Left Out: -4.737 ± 0.284 χ^2/NDF : 276.8/8

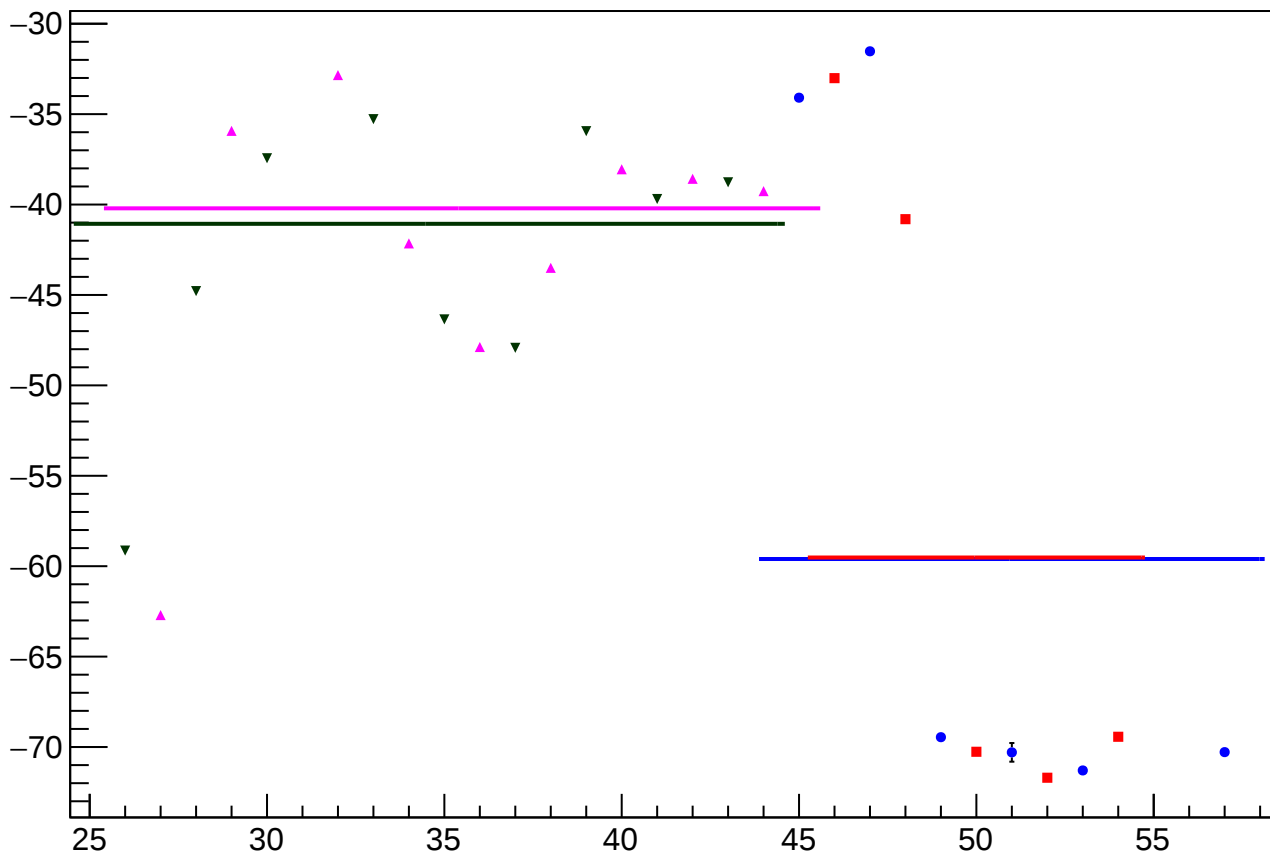
Right Out: 1.077 ± 0.340 χ^2/NDF : 367.1/4

Left In: -4.974 ± 0.253 χ^2/NDF : 121.4/8

-2.788 ± 0.210 χ^2/NDF : 624.2/14

-2.811 ± 0.203 χ^2/NDF : 692.5/13

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -59.602 ± 0.073 χ^2/NDF : 52669.1/5

Left Out: -41.066 ± 0.063 χ^2/NDF : 9369.8/8

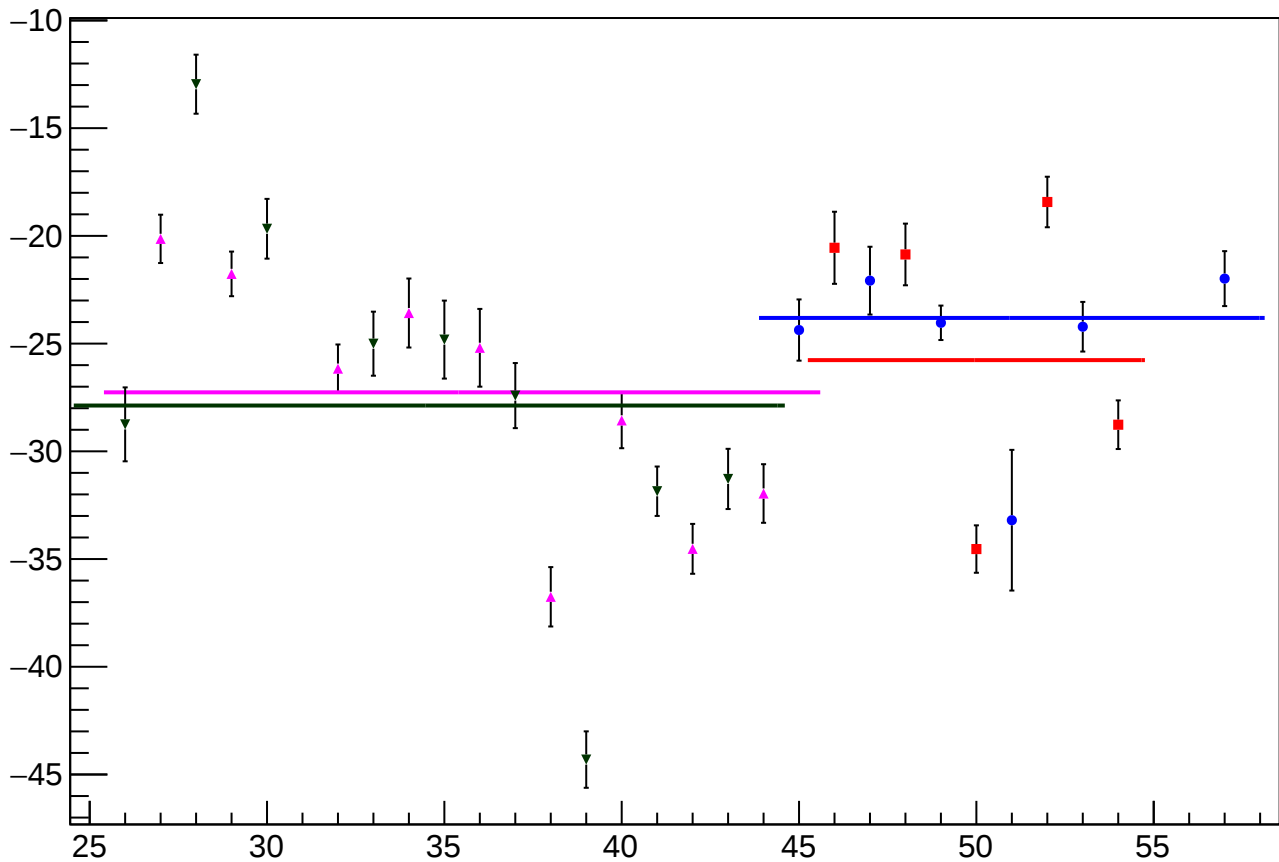
Right Out: -59.520 ± 0.080 χ^2/NDF : 38604.9/4

Left In: -40.210 ± 0.058 χ^2/NDF : 18072.5/8

-49.023 ± 0.048 χ^2/NDF : 98744.2/14

-46.908 ± 0.047 χ^2/NDF : 94517.1/13

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.808+/-0.505 χ^2/NDF : 11.9/5

Left Out: -27.875+/-0.474 χ^2/NDF : 335.8/8

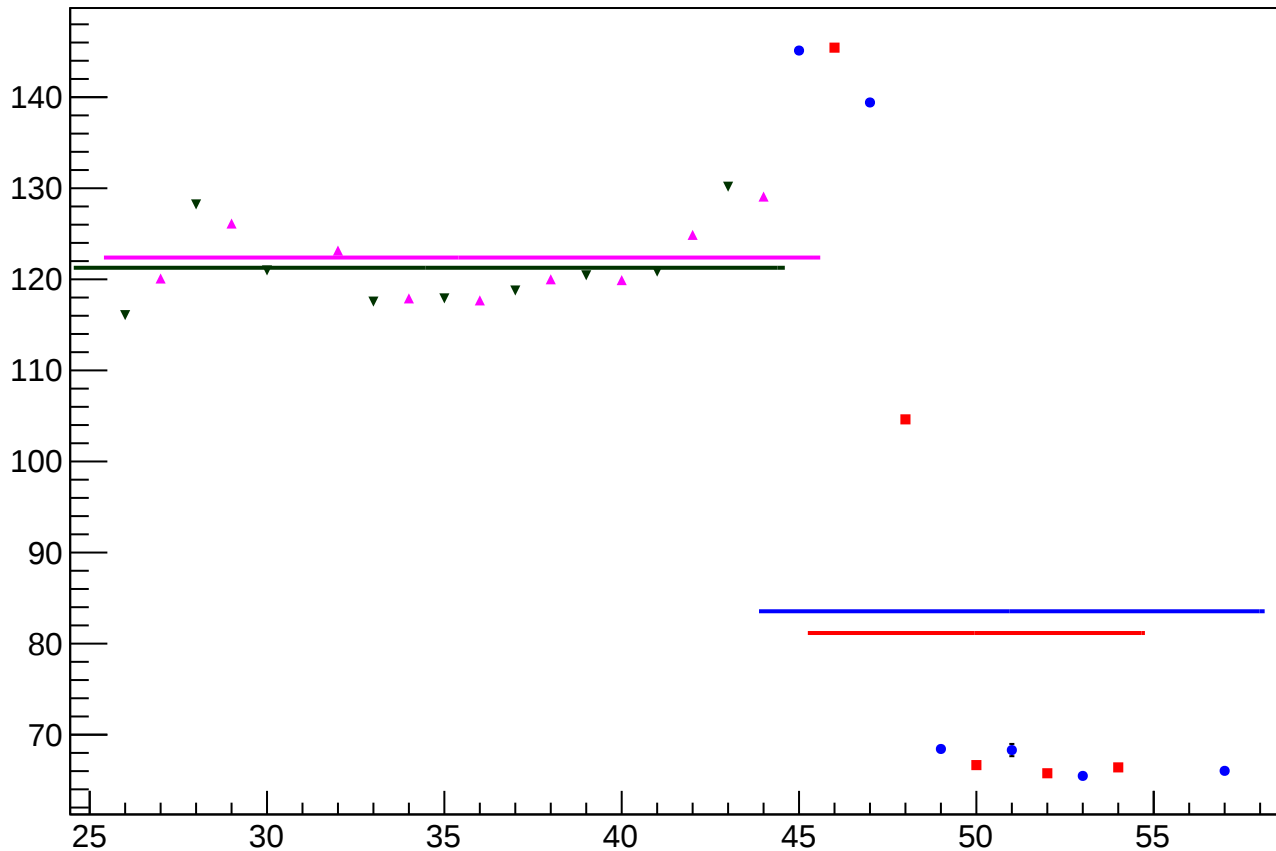
Right Out: -25.767+/-0.561 χ^2/NDF : 131.1/4

Left In: -27.262+/-0.421 χ^2/NDF : 175.8/8

-25.967+/-0.346 χ^2/NDF : 382.1/14

-26.722+/-0.337 χ^2/NDF : 311.5/13

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 83.552+/-0.097 χ^2/NDF : 103348.5/5

Left Out: 121.269+/-0.087 χ^2/NDF : 2757.8/8

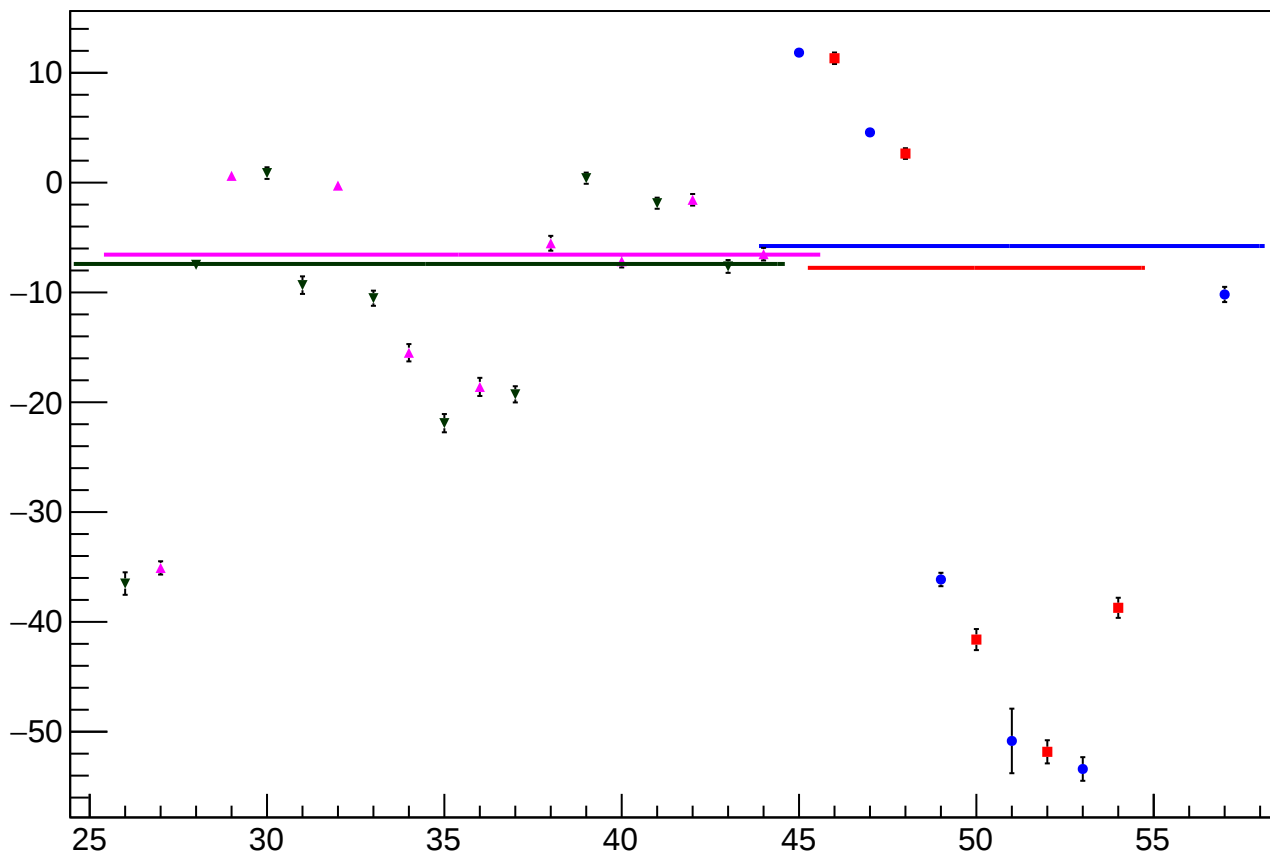
Right Out: 81.165+/-0.105 χ^2/NDF : 61715.6/4

Left In: 122.391+/-0.087 χ^2/NDF : 1757.6/8

104.497+/-0.065 χ^2/NDF : 190464.8/14

105.642+/-0.067 χ^2/NDF : 154813.7/13

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -5.773 ± 0.254 χ^2/NDF : 6753.3/5

Left Out: -7.406 ± 0.192 χ^2/NDF : 1994.4/9

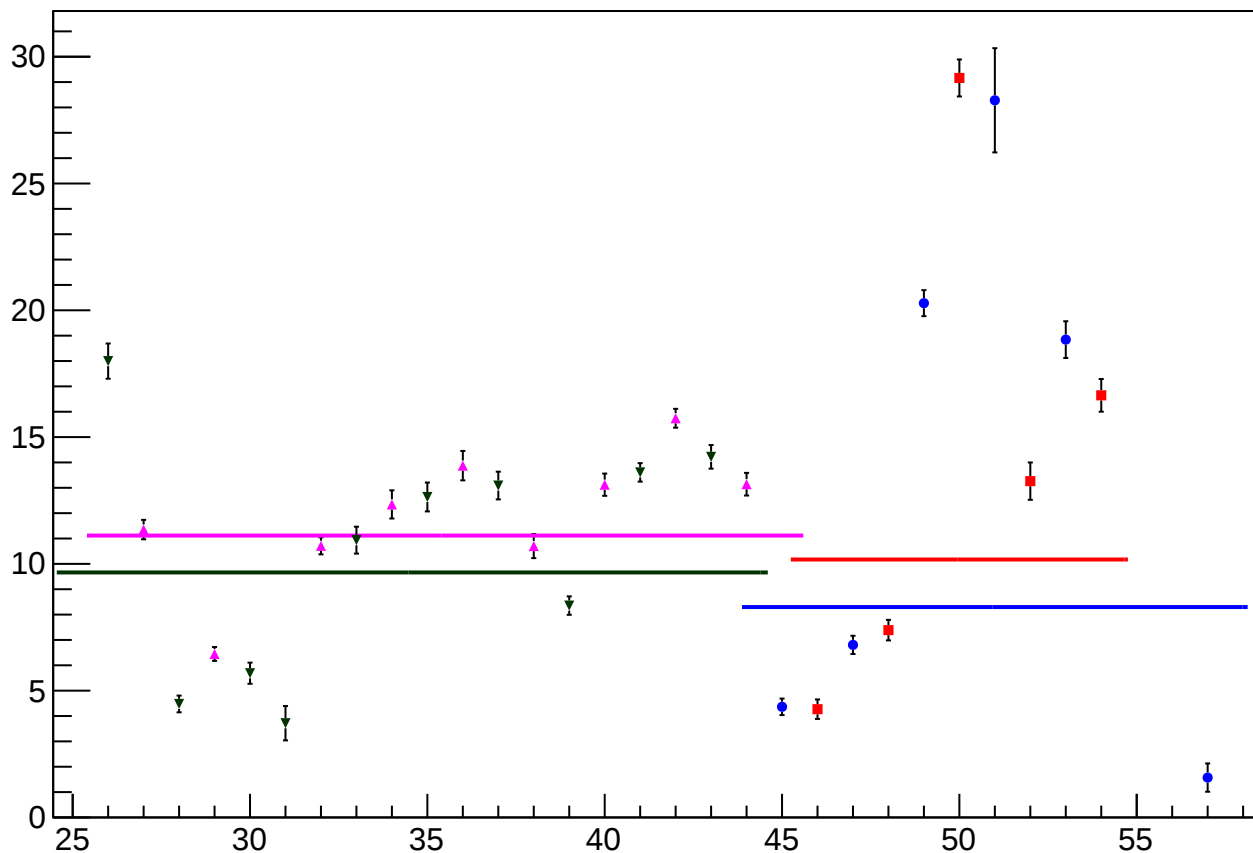
Right Out: -7.760 ± 0.301 χ^2/NDF : 5917.1/4

Left In: -6.558 ± 0.179 χ^2/NDF : 3282.1/8

-6.812 ± 0.153 χ^2/NDF : 8774.0/15

-6.871 ± 0.154 χ^2/NDF : 9210.9/13

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 8.297 ± 0.195 $\chi^2/\text{NDF}: 1161.0/5$

Left Out: 9.662 ± 0.143 $\chi^2/\text{NDF}: 856.3/9$

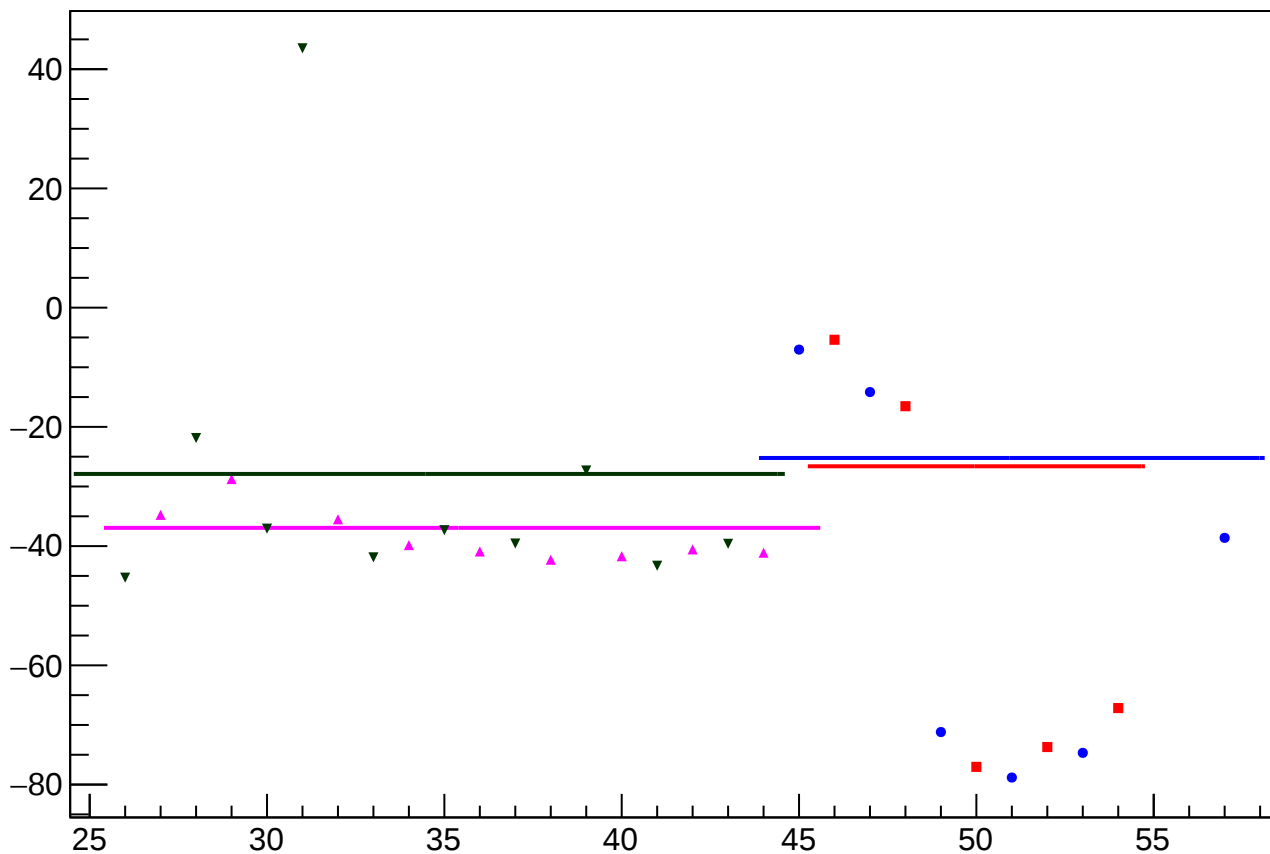
Right Out: 10.173 ± 0.229 $\chi^2/\text{NDF}: 1078.9/4$

Left In: 11.116 ± 0.132 $\chi^2/\text{NDF}: 518.9/8$

9.184 ± 0.115 $\chi^2/\text{NDF}: 2049.2/15$

10.881 ± 0.115 $\chi^2/\text{NDF}: 1610.5/13$

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -25.215 $\pm$ 0.043 χ^2 /NDF: 310669.3/5

Left Out: -27.892 $\pm$ 0.032 χ^2 /NDF: 549678.9/9

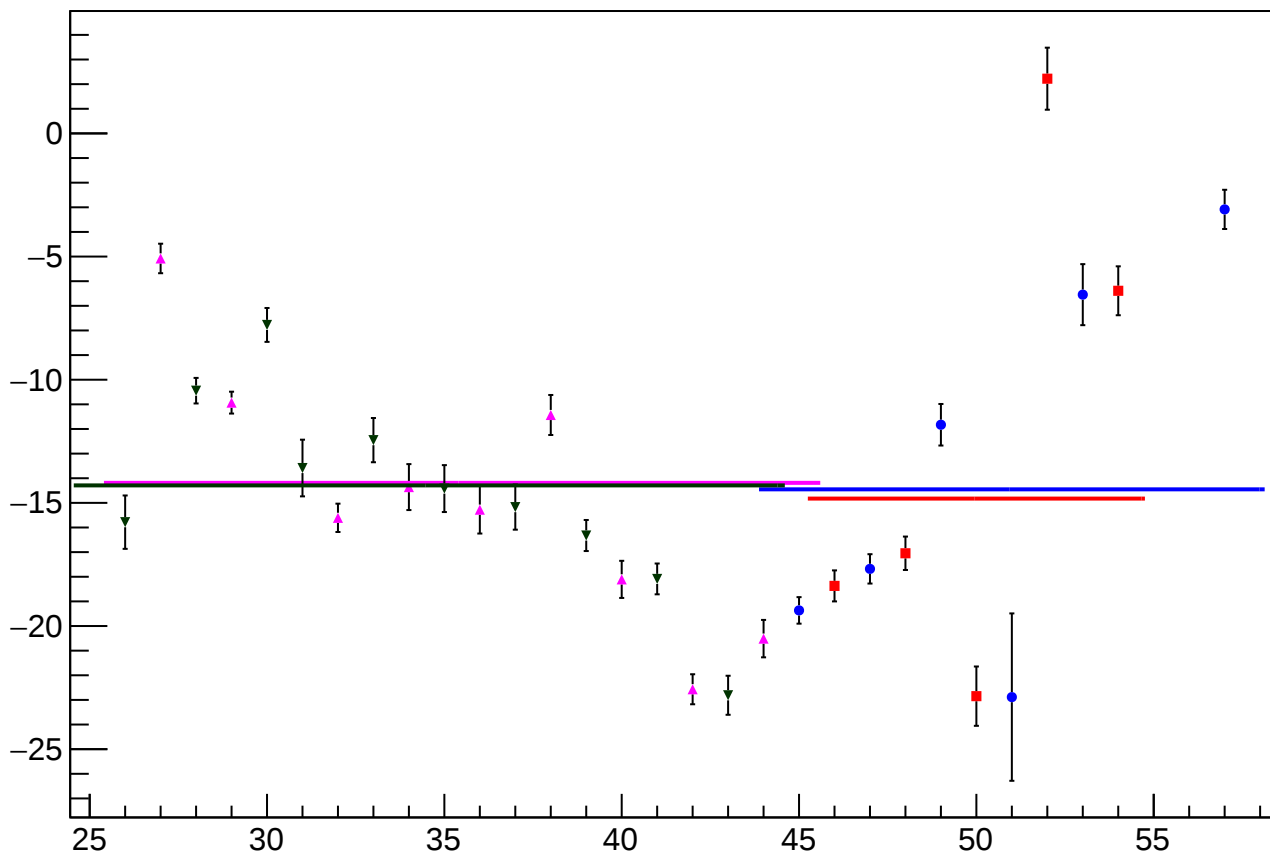
Right Out: -26.609 $\pm$ 0.050 χ^2 /NDF: 301196.4/4

Left In: -36.937 $\pm$ 0.031 χ^2 /NDF: 23653.1/8

-26.960 $\pm$ 0.026 χ^2 /NDF: 862825.2/15

-34.114 $\pm$ 0.026 χ^2 /NDF: 355637.3/13

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -14.451 ± 0.316 χ^2/NDF : 373.1/5

Left Out: -14.291 ± 0.238 χ^2/NDF : 314.9/9

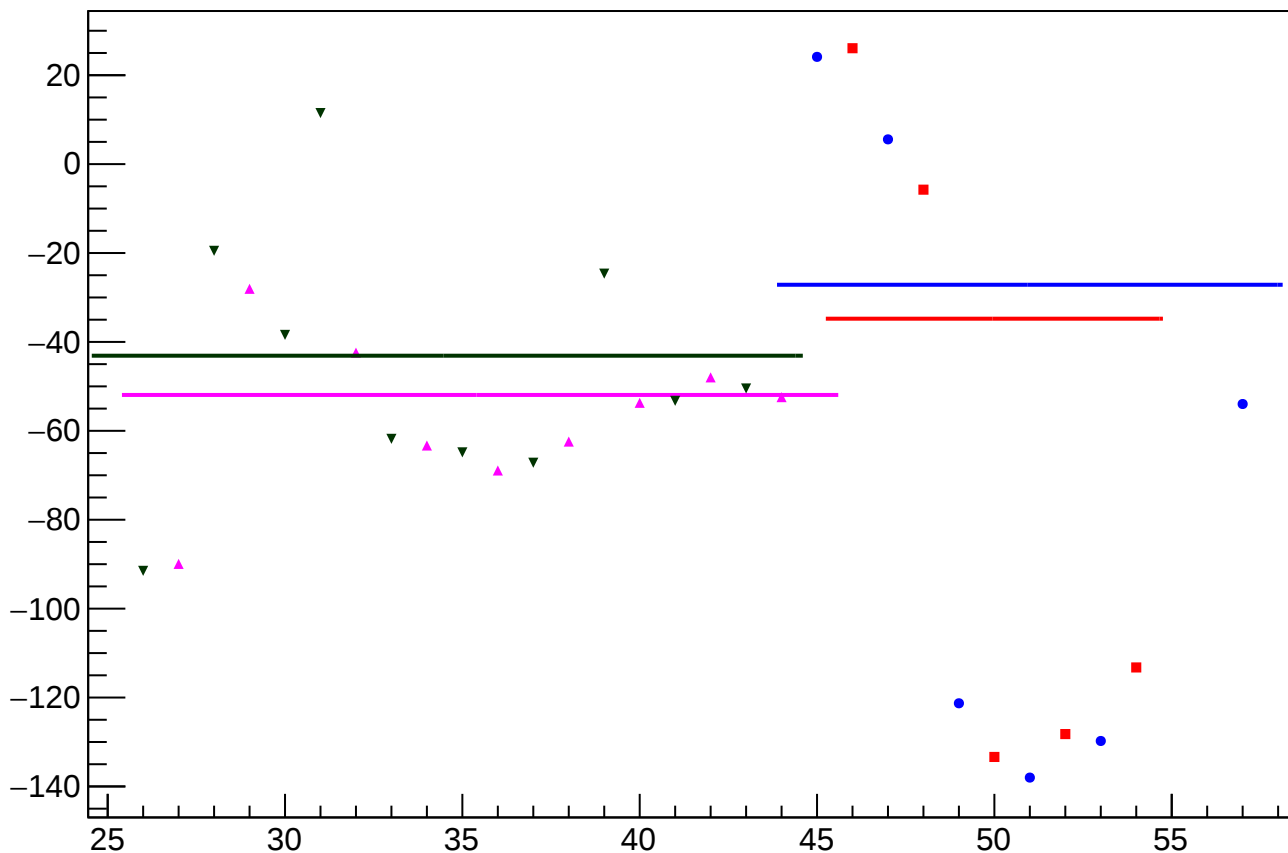
Right Out: -14.826 ± 0.377 χ^2/NDF : 342.1/4

Left In: -14.187 ± 0.219 χ^2/NDF : 589.2/8

-14.348 ± 0.190 χ^2/NDF : 688.1/15

-14.349 ± 0.190 χ^2/NDF : 933.5/13

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: -27.141 ± 0.062 χ^2/NDF : 906135.7/5

Left Out: -43.100 ± 0.044 χ^2/NDF : 296352.7/9

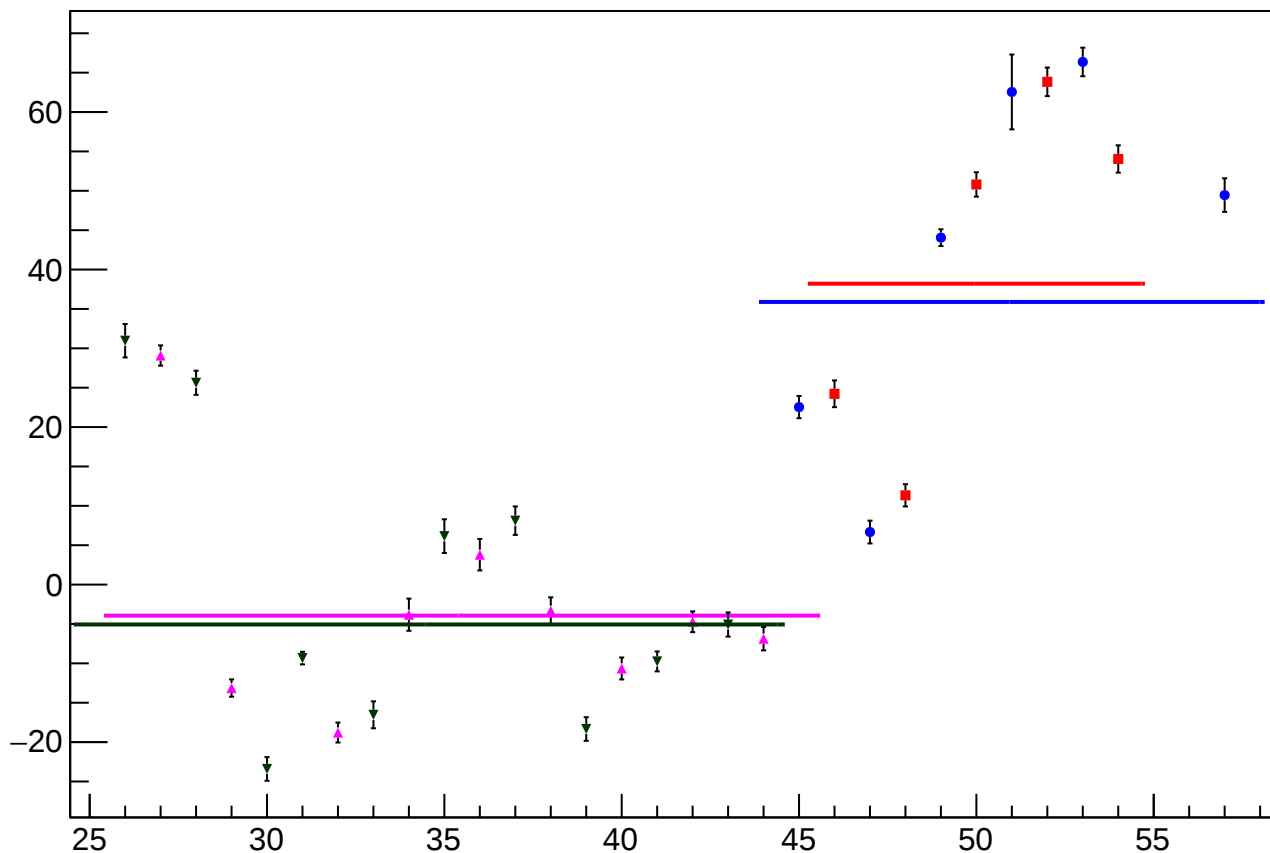
Right Out: -34.774 ± 0.073 χ^2/NDF : 808415.8/4

Left In: -51.929 ± 0.046 χ^2/NDF : 149071.1/8

-37.753 ± 0.036 χ^2/NDF : 1246521.8/15

-47.121 ± 0.039 χ^2/NDF : 996984.0/13

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 35.889+/-0.641 χ^2/NDF : 911.3/5

Left Out: -5.063+/-0.447 χ^2/NDF : 1084.1/9

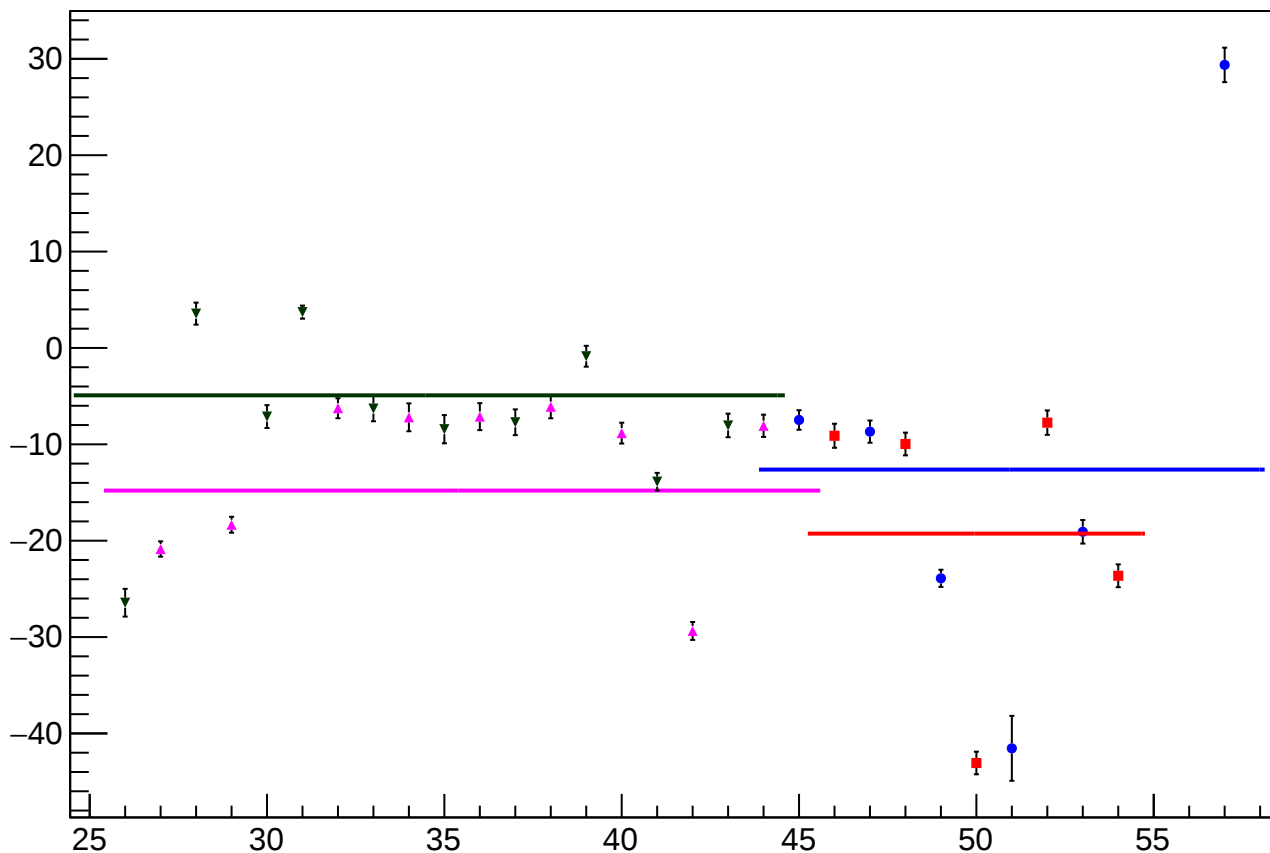
Right Out: 38.206+/-0.725 χ^2/NDF : 778.8/4

Left In: -3.935+/-0.475 χ^2/NDF : 906.7/8

8.335+/-0.366 χ^2/NDF : 4745.0/15

8.733+/-0.398 χ^2/NDF : 4047.7/13

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -12.621 ± 0.497 χ^2/NDF : 850.6/5

Left Out: -4.917 ± 0.344 χ^2/NDF : 572.7/9

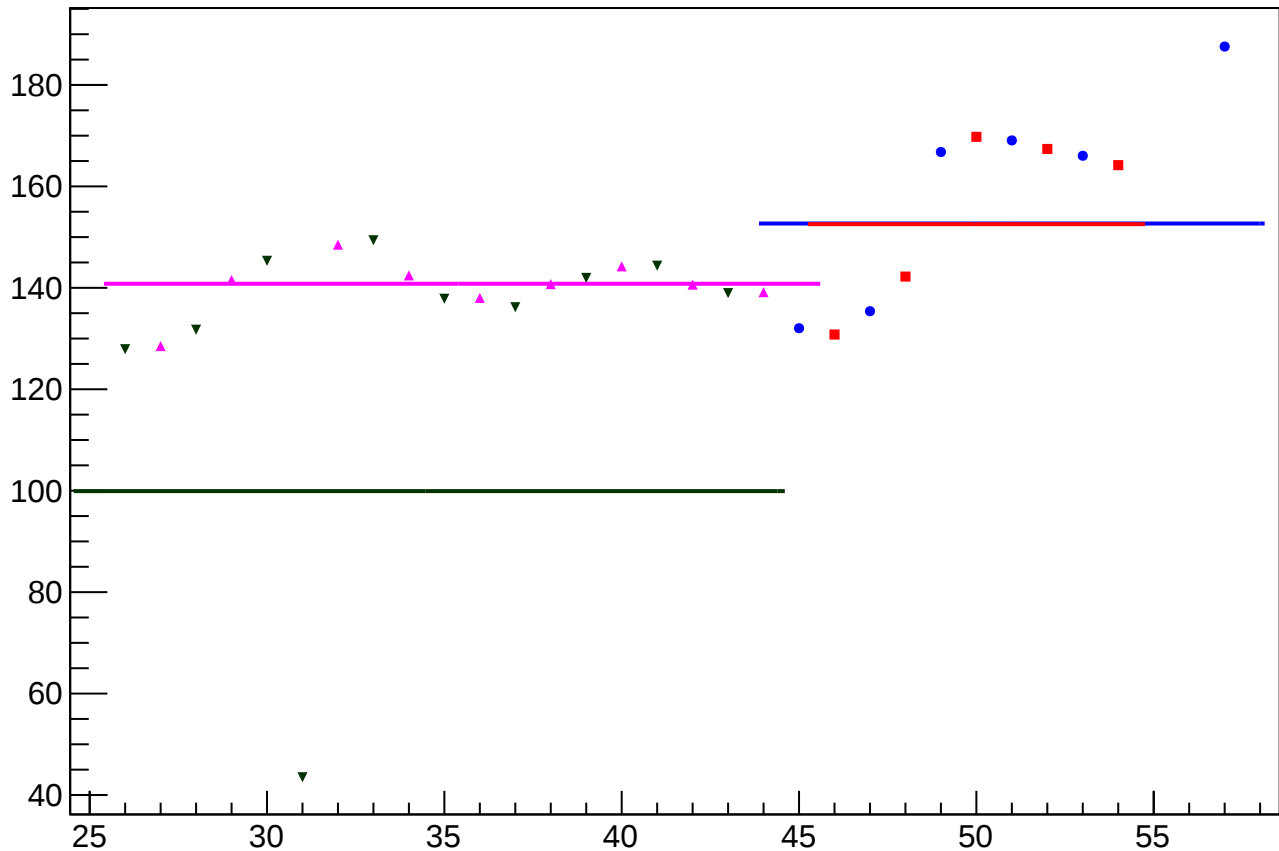
Right Out: -19.265 ± 0.540 χ^2/NDF : 635.7/4

Left In: -14.801 ± 0.344 χ^2/NDF : 564.9/8

-7.413 ± 0.283 χ^2/NDF : 1586.0/15

-16.090 ± 0.290 χ^2/NDF : 1249.1/13

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 152.681 ± 0.115 $\chi^2/\text{NDF}: 28606.8/5$

Left Out: 99.920 ± 0.069 $\chi^2/\text{NDF}: 483835.4/9$

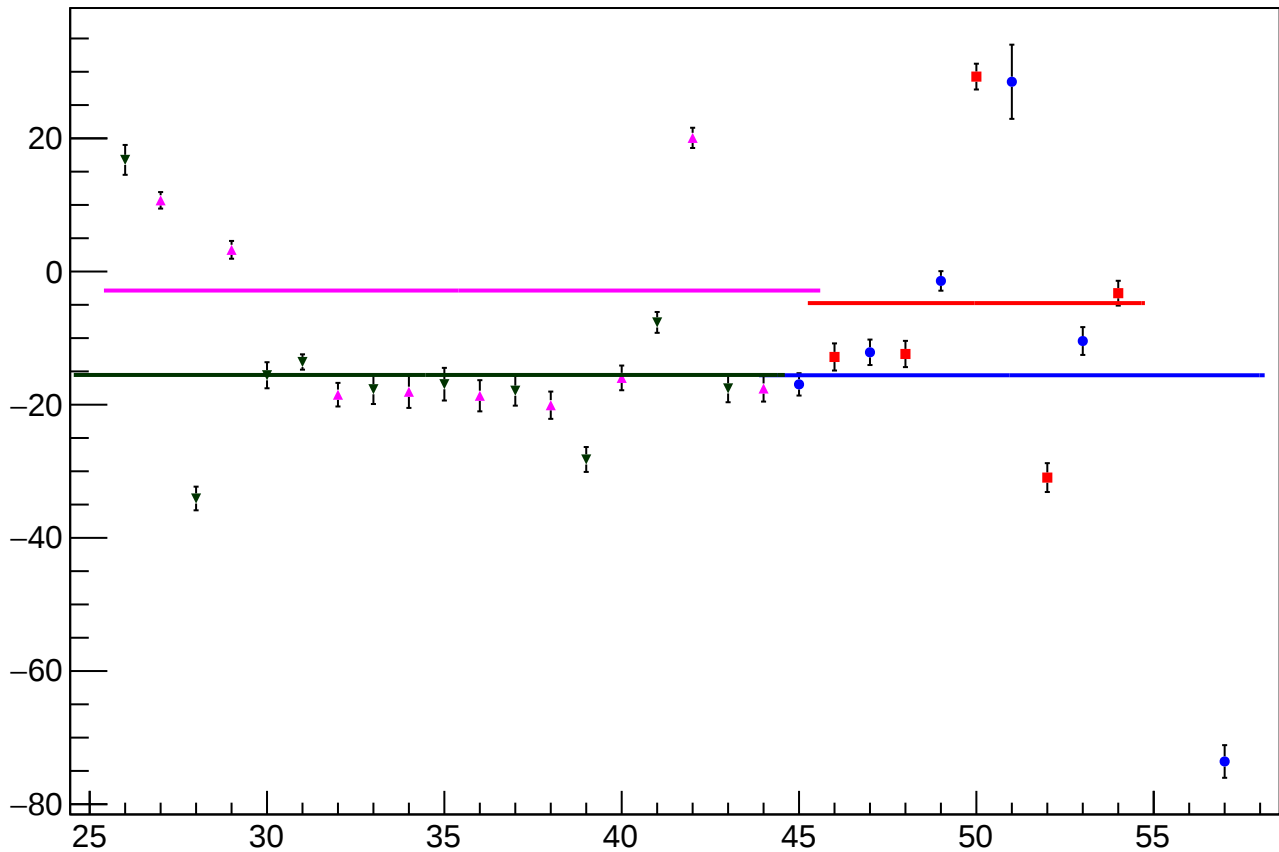
Right Out: 152.544 ± 0.124 $\chi^2/\text{NDF}: 16133.7/4$

Left In: 140.804 ± 0.082 $\chi^2/\text{NDF}: 4715.7/8$

113.962 ± 0.059 $\chi^2/\text{NDF}: 668204.3/15$

144.364 ± 0.069 $\chi^2/\text{NDF}: 27048.7/13$

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -15.580 ± 0.811 χ^2/NDF : 725.4/5

Left Out: -15.534 ± 0.575 χ^2/NDF : 393.8/9

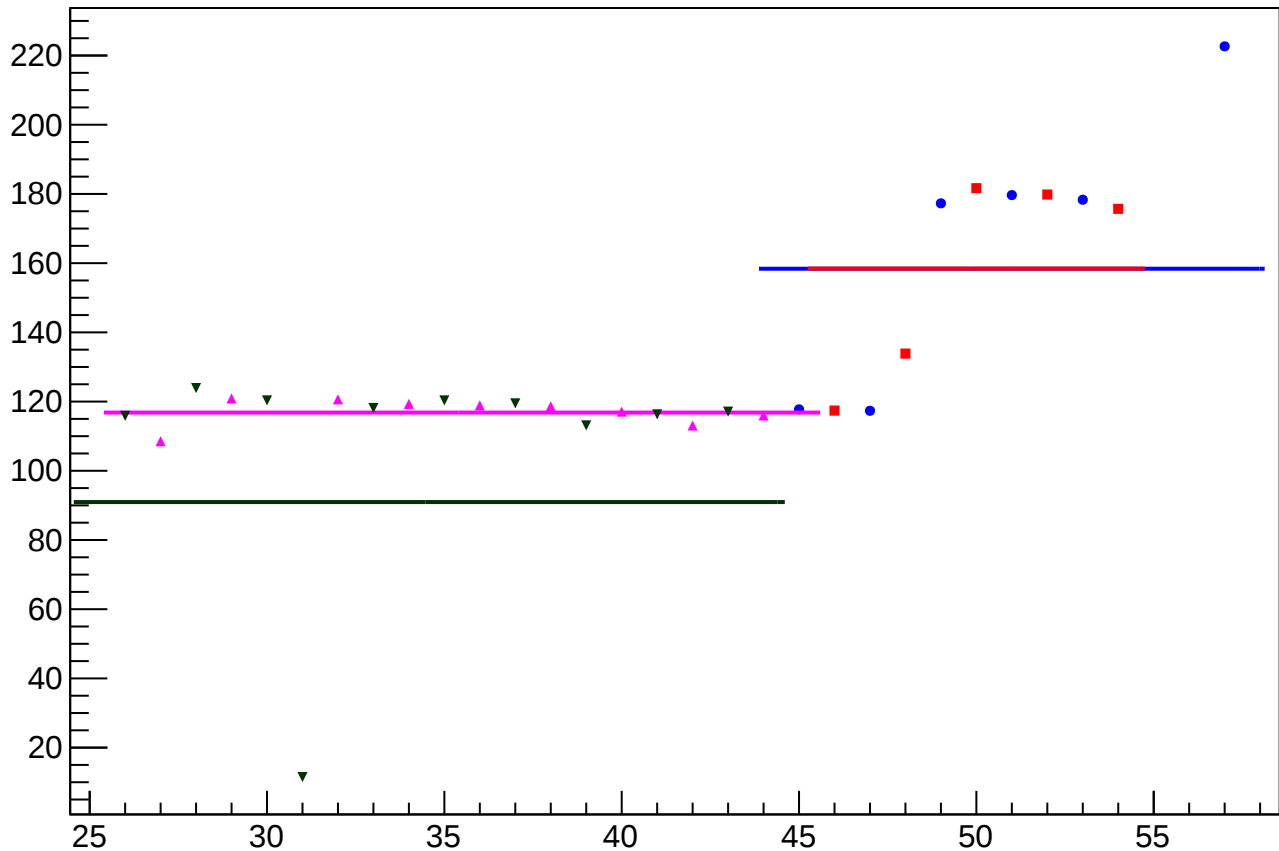
Right Out: -4.741 ± 0.889 χ^2/NDF : 486.1/4

Left In: -2.855 ± 0.568 χ^2/NDF : 707.5/8

-15.549 ± 0.469 χ^2/NDF : 1119.2/15

-3.402 ± 0.479 χ^2/NDF : 1196.7/13

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 158.386 $\pm$ 0.157 χ^2 /NDF: 51814.2/5

Left Out: 90.964 $\pm$ 0.105 χ^2 /NDF:199649.1/9

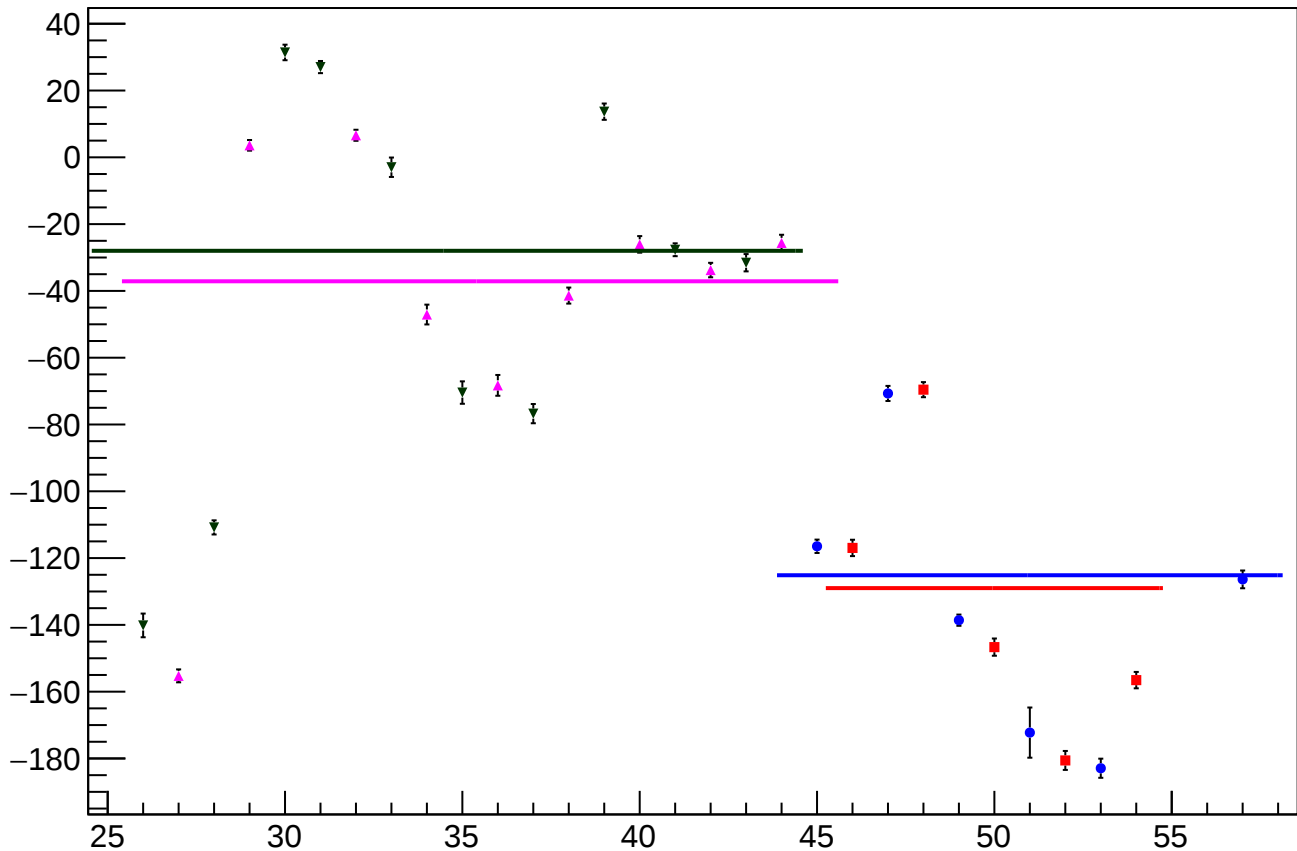
Right Out: 158.442 $\pm$ 0.169 χ^2 /NDF: 24464.3/4

Left In: 116.827 $\pm$ 0.120 χ^2 /NDF:1139.4/8

111.825 $\pm$ 0.087 χ^2 /NDF: 379570.0/15

130.693 $\pm$ 0.098 χ^2 /NDF: 65831.1/13

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -125.139 ± 0.962 χ^2/NDF : 1109.7/5

Left Out: -27.991 ± 0.766 χ^2/NDF : 4906.9/9

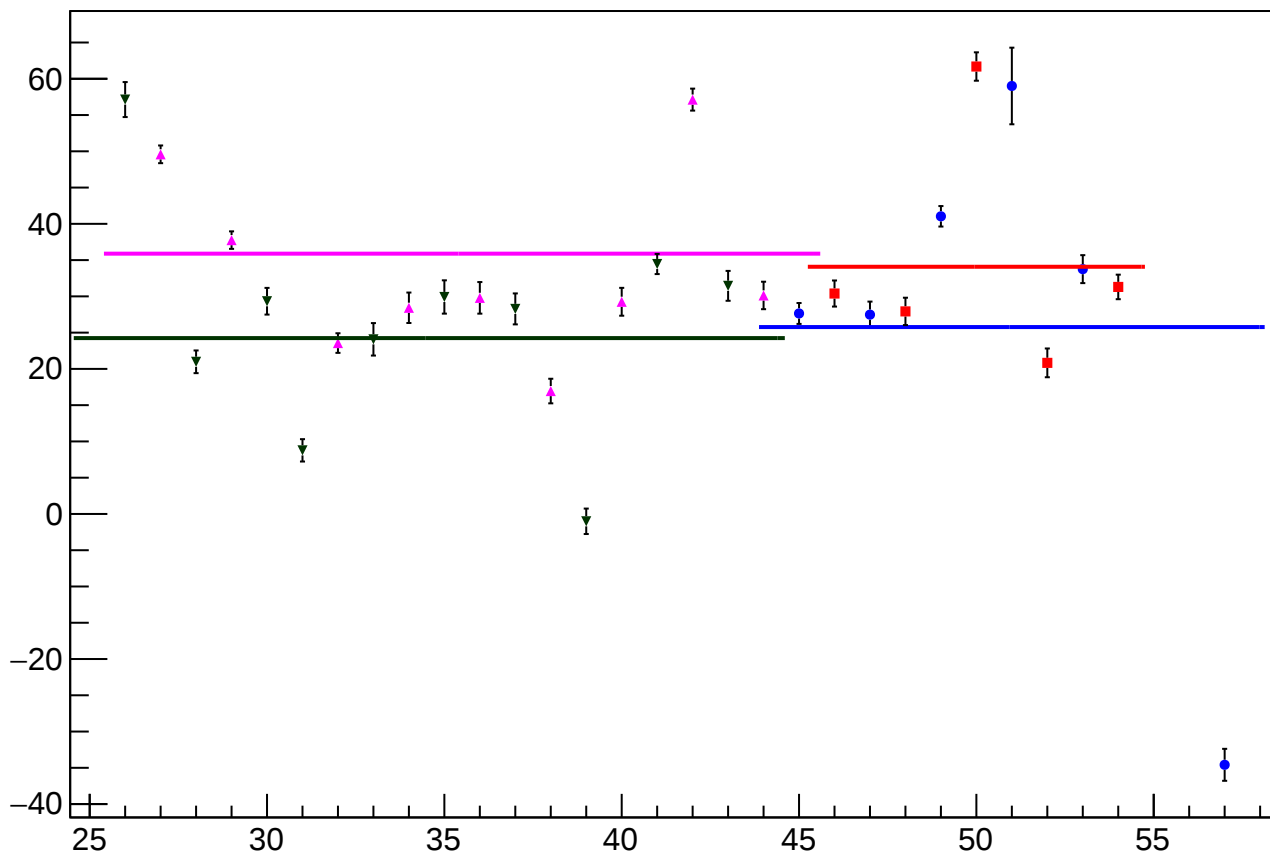
Right Out: -128.991 ± 1.116 χ^2/NDF : 1218.4/4

Left In: -37.121 ± 0.714 χ^2/NDF : 5219.8/8

-65.709 ± 0.599 χ^2/NDF : 12255.5/15

-63.820 ± 0.602 χ^2/NDF : 11244.9/13

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 25.768 $\pm$ 0.745 χ^2 /NDF: 926.4/5

Left Out: 24.247 $\pm$ 0.579 χ^2 /NDF: 582.0/9

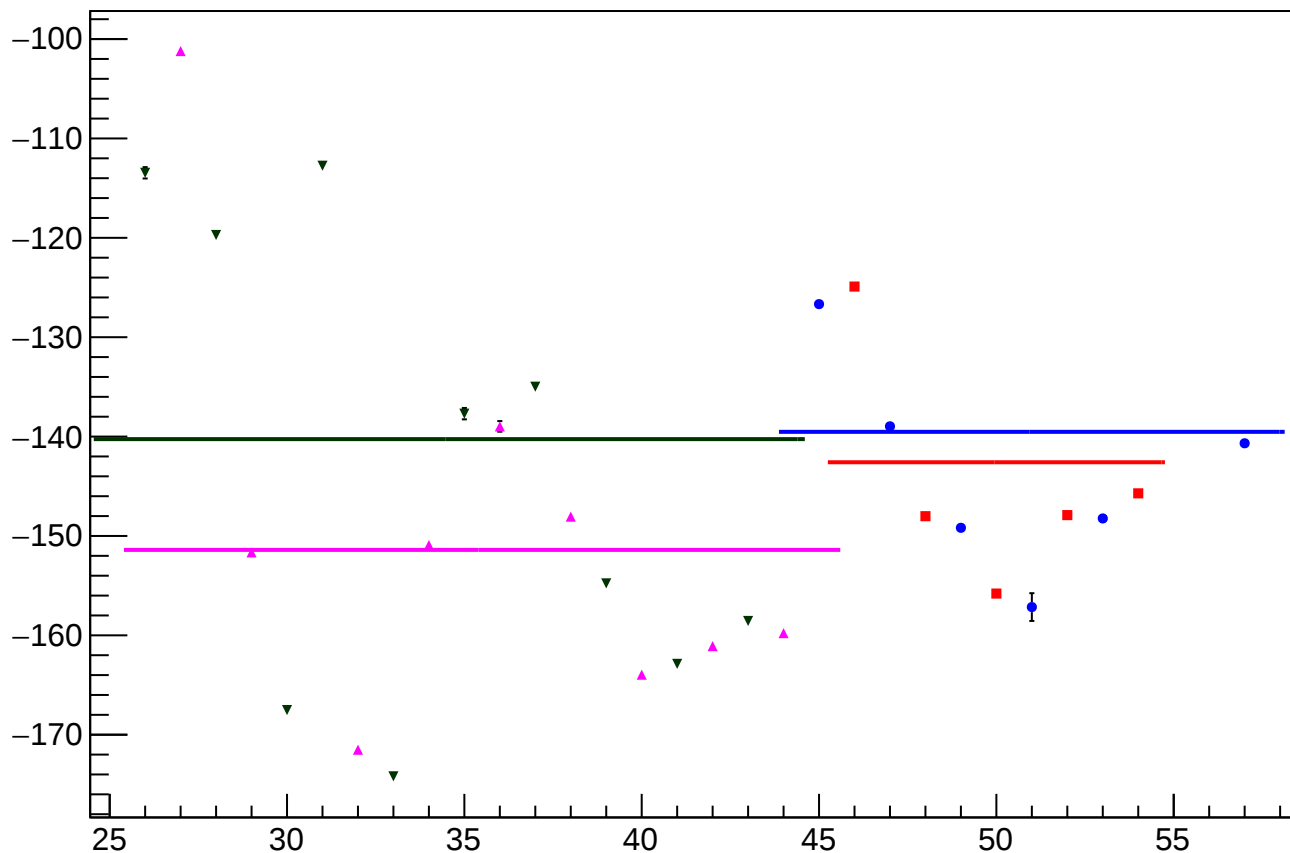
Right Out: 34.082 $\pm$ 0.829 χ^2 /NDF: 261.2/4

Left In: 35.888 $\pm$ 0.522 χ^2 /NDF: 574.5/8

24.820 $\pm$ 0.457 χ^2 /NDF: 1510.9/15

35.376 $\pm$ 0.441 χ^2 /NDF: 839.1/13

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -139.522 ± 0.171 χ^2/NDF : 2874.0/5

Left Out: -140.257 ± 0.122 χ^2/NDF : 36380.6/9

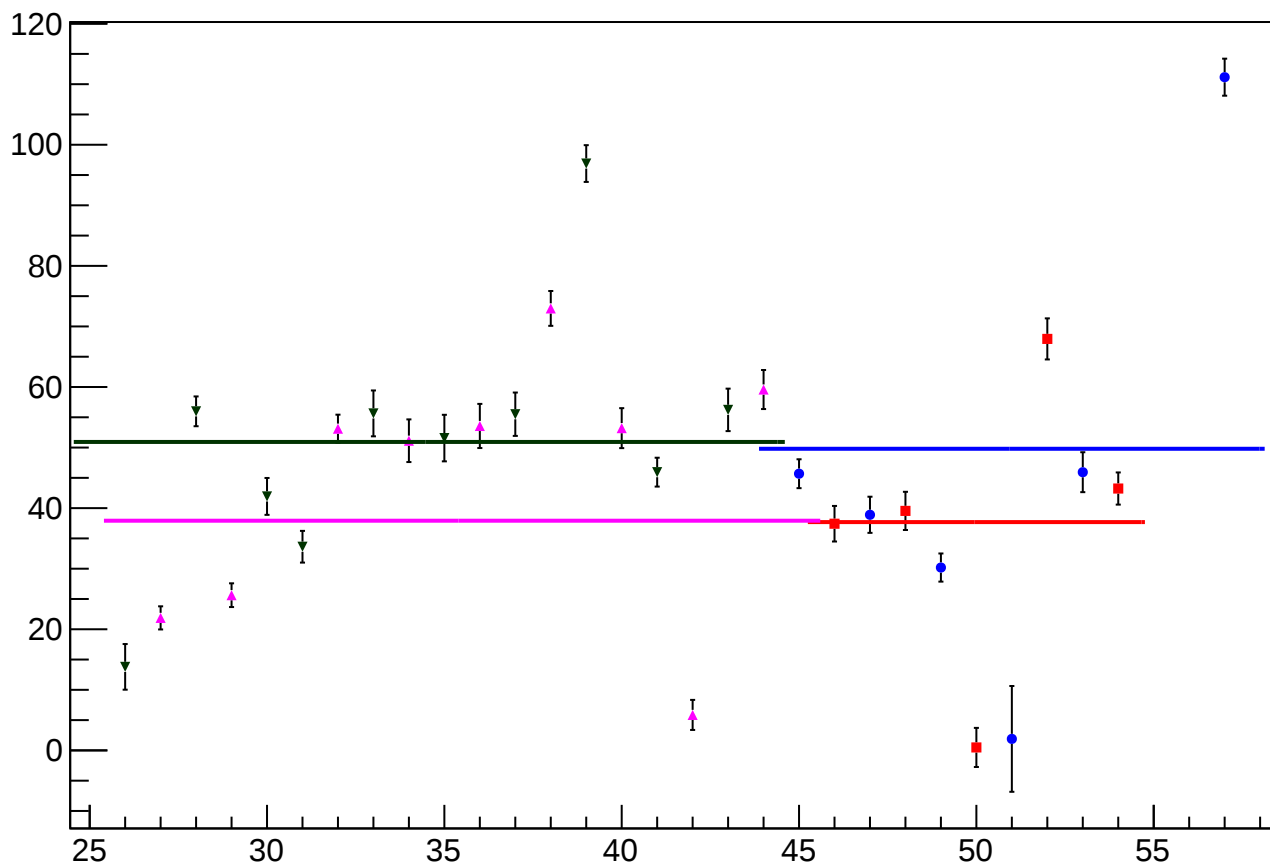
Right Out: -142.584 ± 0.189 χ^2/NDF : 3353.8/4

Left In: -151.403 ± 0.122 χ^2/NDF : 30317.9/8

-140.008 ± 0.099 χ^2/NDF : 39266.8/15

-148.807 ± 0.103 χ^2/NDF : 35208.7/13

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 49.801 ± 1.208 χ^2/NDF : 521.9/5

Left Out: 50.929 ± 0.966 χ^2/NDF : 393.0/9

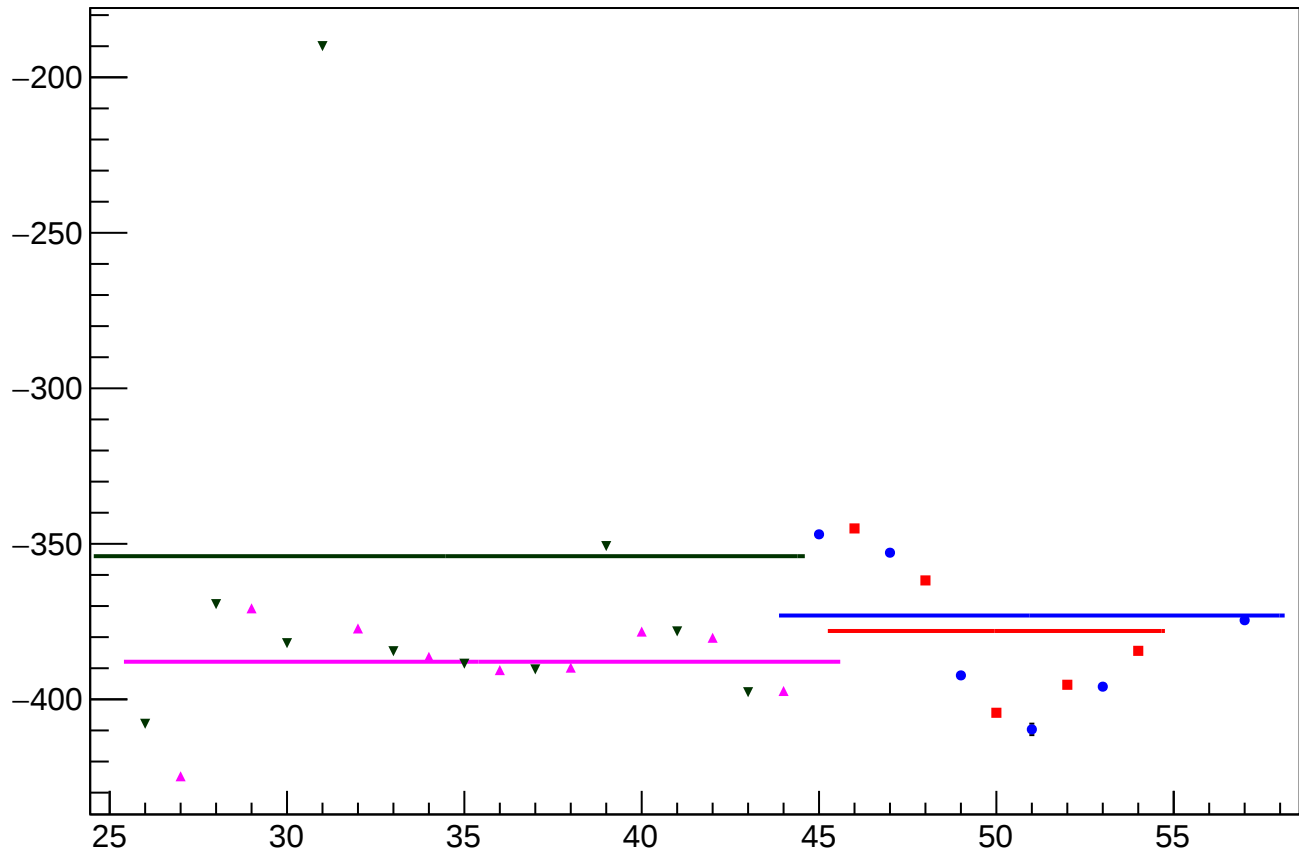
Right Out: 37.695 ± 1.359 χ^2/NDF : 217.0/4

Left In: 37.924 ± 0.861 χ^2/NDF : 567.9/8

50.489 ± 0.754 χ^2/NDF : 915.4/15

37.858 ± 0.727 χ^2/NDF : 784.9/13

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -373.049+/-0.235 χ^2/NDF : 7937.3/5

Left Out: -353.970+/-0.179 χ^2/NDF : 148485.8/9

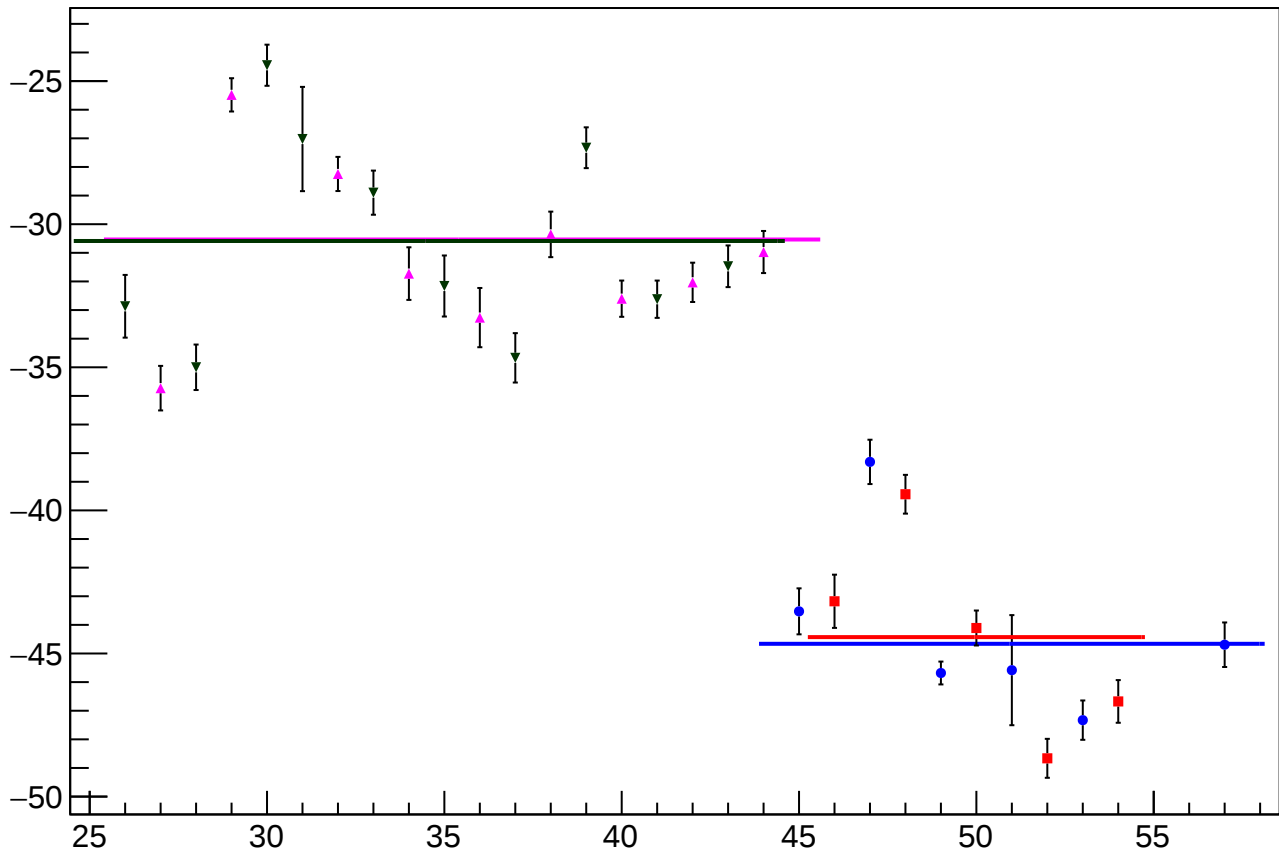
Right Out: -378.021+/-0.262 χ^2/NDF : 7036.1/4

Left In: -387.911+/-0.183 χ^2/NDF : 8311.6/8

-360.984+/-0.142 χ^2/NDF : 160599.2/15

-384.682+/-0.150 χ^2/NDF : 16306.4/13

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -44.662 ± 0.272 $\chi^2/\text{NDF}: 91.2/5$

Left Out: -30.587 ± 0.260 $\chi^2/\text{NDF}: 173.5/9$

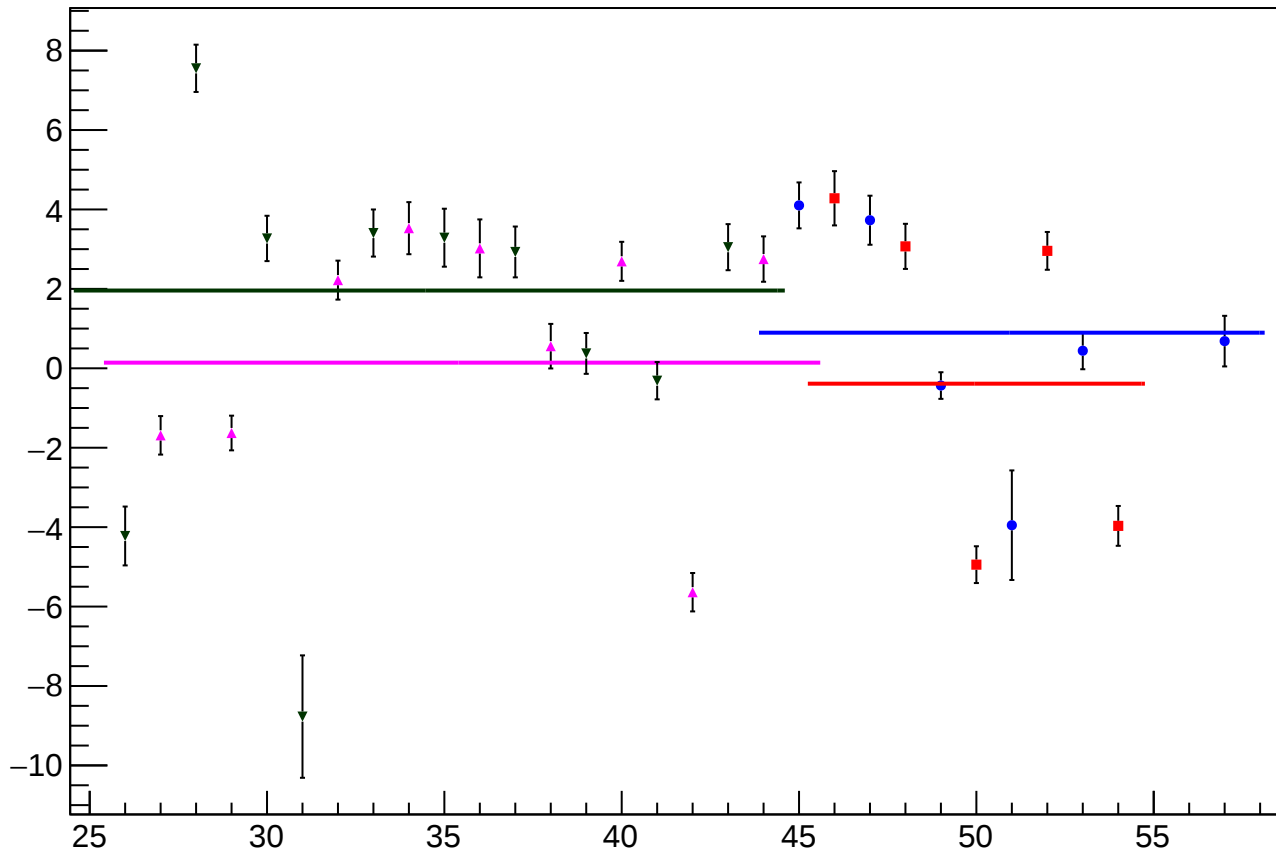
Right Out: -44.428 ± 0.317 $\chi^2/\text{NDF}: 104.2/4$

Left In: -30.535 ± 0.239 $\chi^2/\text{NDF}: 159.3/8$

-37.316 ± 0.188 $\chi^2/\text{NDF}: 1663.6/15$

-35.565 ± 0.191 $\chi^2/\text{NDF}: 1491.8/13$

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.897 ± 0.213 χ^2/NDF : 80.9/5

Left Out: 1.958 ± 0.194 χ^2/NDF : 259.6/9

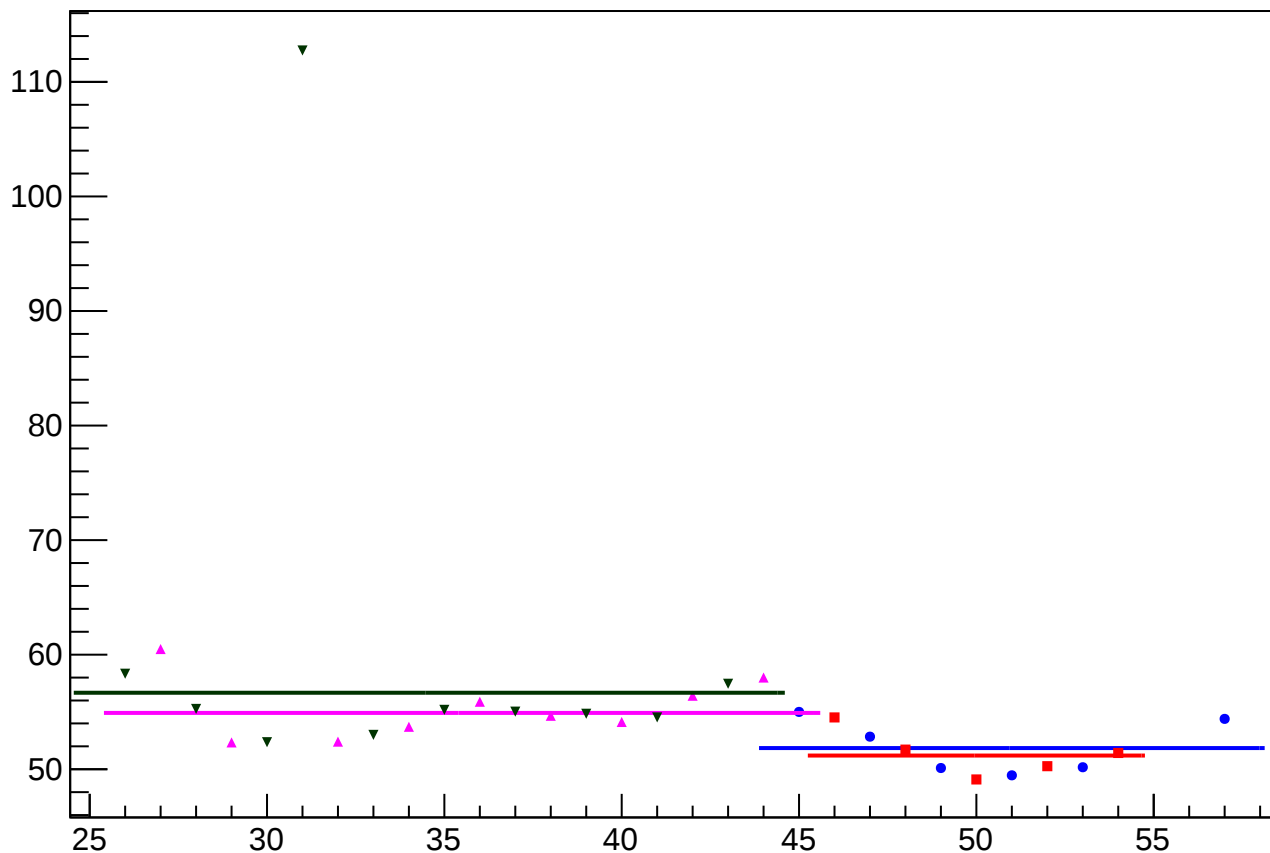
Right Out: -0.387 ± 0.234 χ^2/NDF : 280.8/4

Left In: 0.142 ± 0.175 χ^2/NDF : 282.1/8

1.476 ± 0.143 χ^2/NDF : 354.1/15

-0.049 ± 0.140 χ^2/NDF : 566.2/13

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 51.848 +/- 0.050 χ^2/NDF : 1710.4/5

Left Out: 56.677 +/- 0.043 χ^2/NDF : 56330.1/9

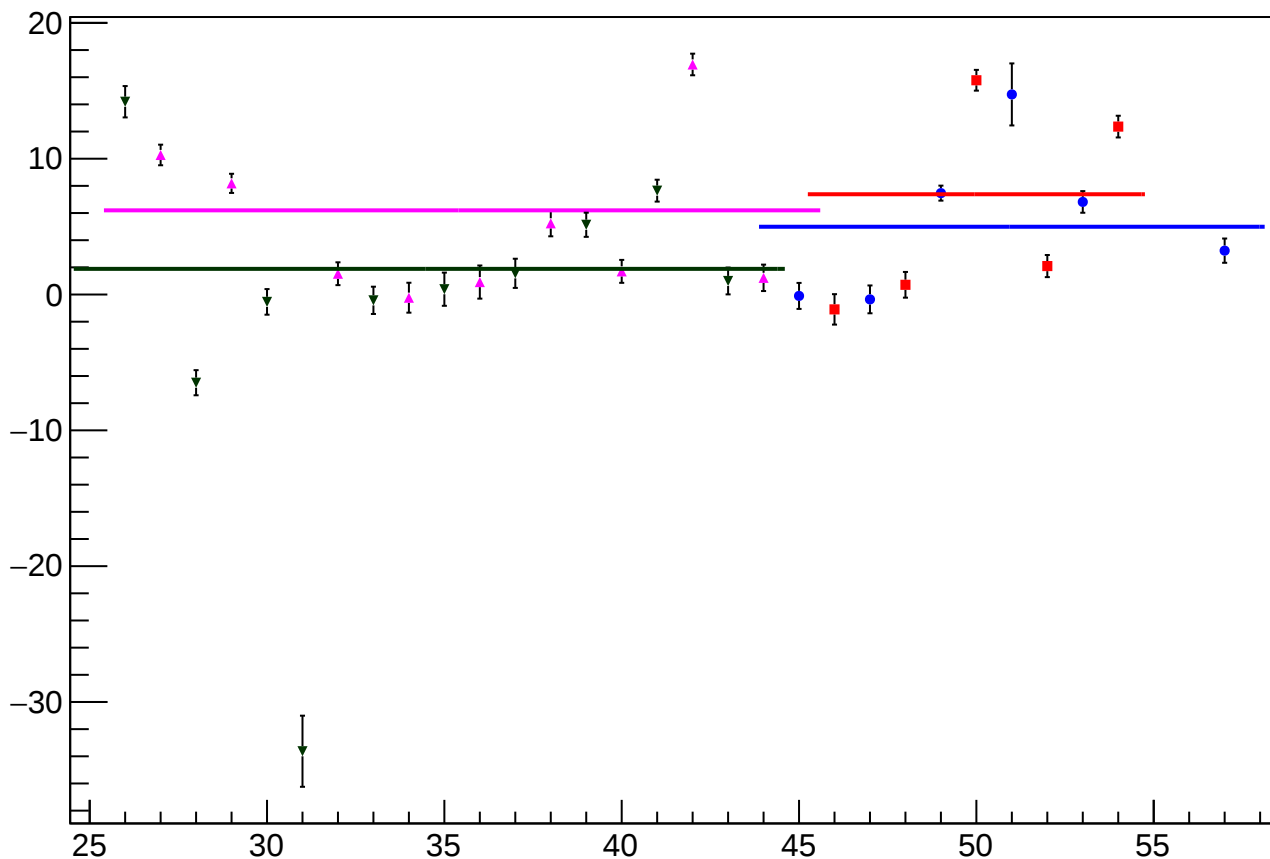
Right Out: 51.195 +/- 0.055 χ^2/NDF : 964.3/4

Left In: 54.917 +/- 0.041 χ^2/NDF : 3795.7/8

54.616 +/- 0.033 χ^2/NDF : 63383.2/15

53.597 +/- 0.033 χ^2/NDF : 7704.8/13

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 4.991 ± 0.346 χ^2/NDF : 103.0/5

Left Out: 1.889 ± 0.324 χ^2/NDF : 458.6/9

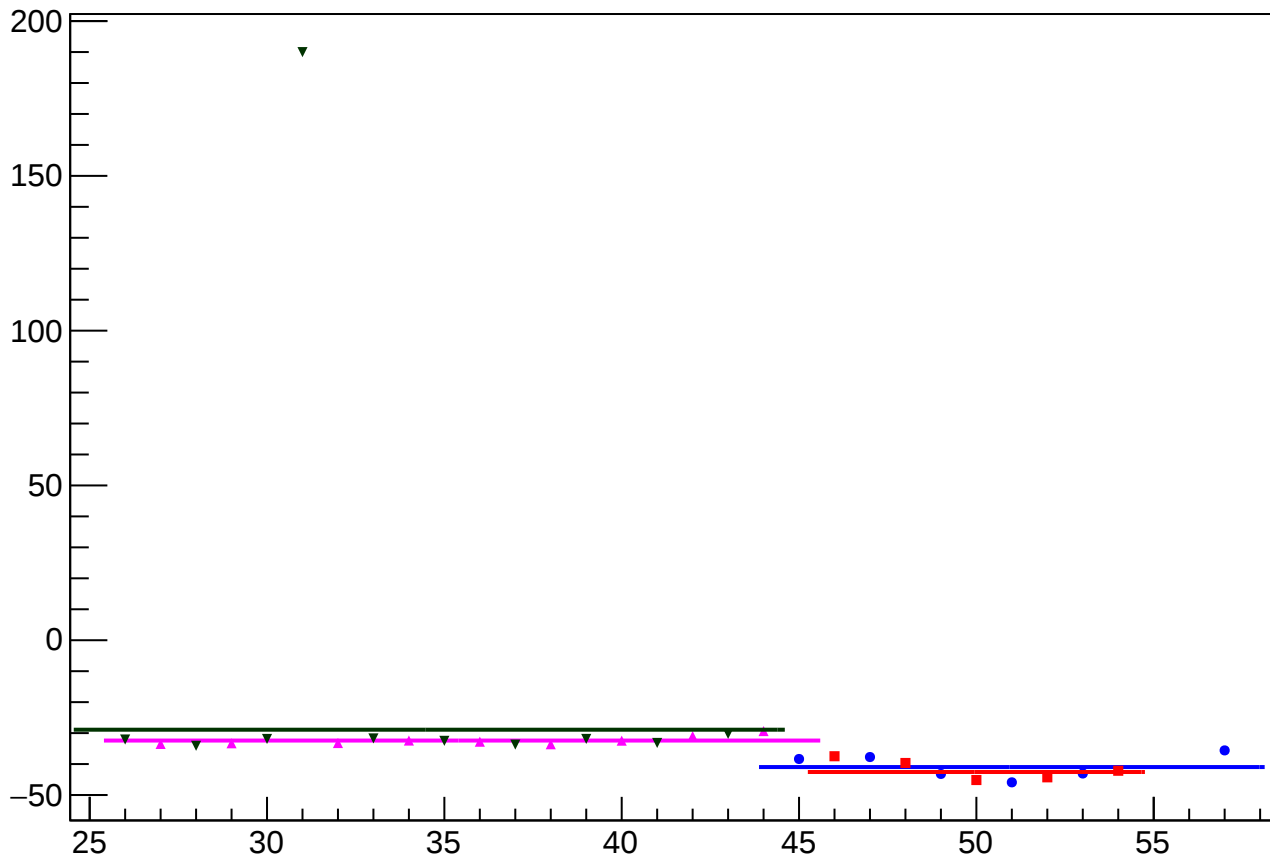
Right Out: 7.383 ± 0.386 χ^2/NDF : 308.4/4

Left In: 6.198 ± 0.291 χ^2/NDF : 358.2/8

3.336 ± 0.236 χ^2/NDF : 604.4/15

6.627 ± 0.233 χ^2/NDF : 672.6/13

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -40.968 ± 0.066 $\chi^2/\text{NDF}: 2121.4/5$

Left Out: -28.904 ± 0.059 $\chi^2/\text{NDF}: 220574.6/9$

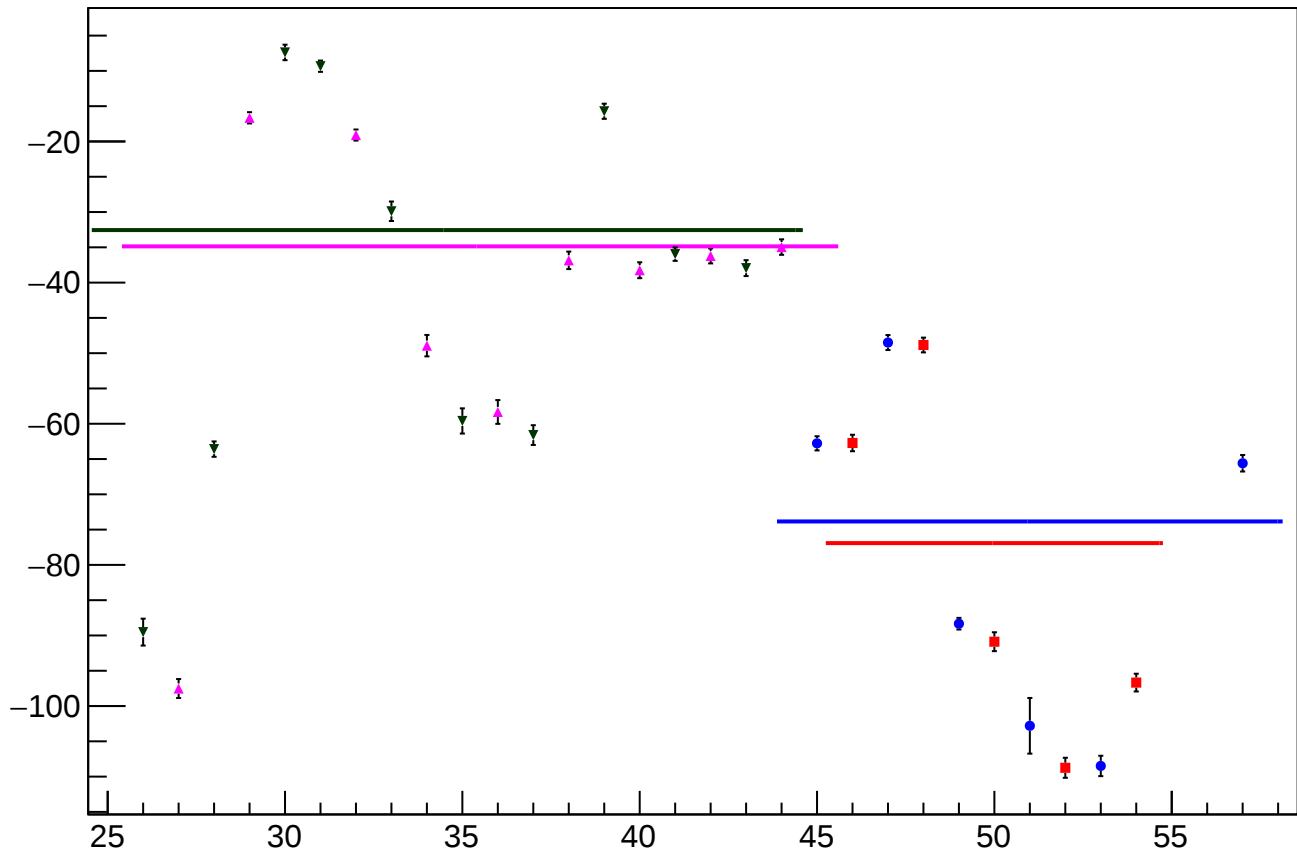
Right Out: -42.567 ± 0.072 $\chi^2/\text{NDF}: 1350.3/4$

Left In: -32.407 ± 0.060 $\chi^2/\text{NDF}: 448.7/8$

-34.183 ± 0.044 $\chi^2/\text{NDF}: 241264.9/15$

-36.526 ± 0.046 $\chi^2/\text{NDF}: 13509.6/13$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -73.843 $\pm$ 0.465 χ^2 /NDF: 1679.5/5

Left Out: -32.557 $\pm$ 0.362 χ^2 /NDF:4020.8/9

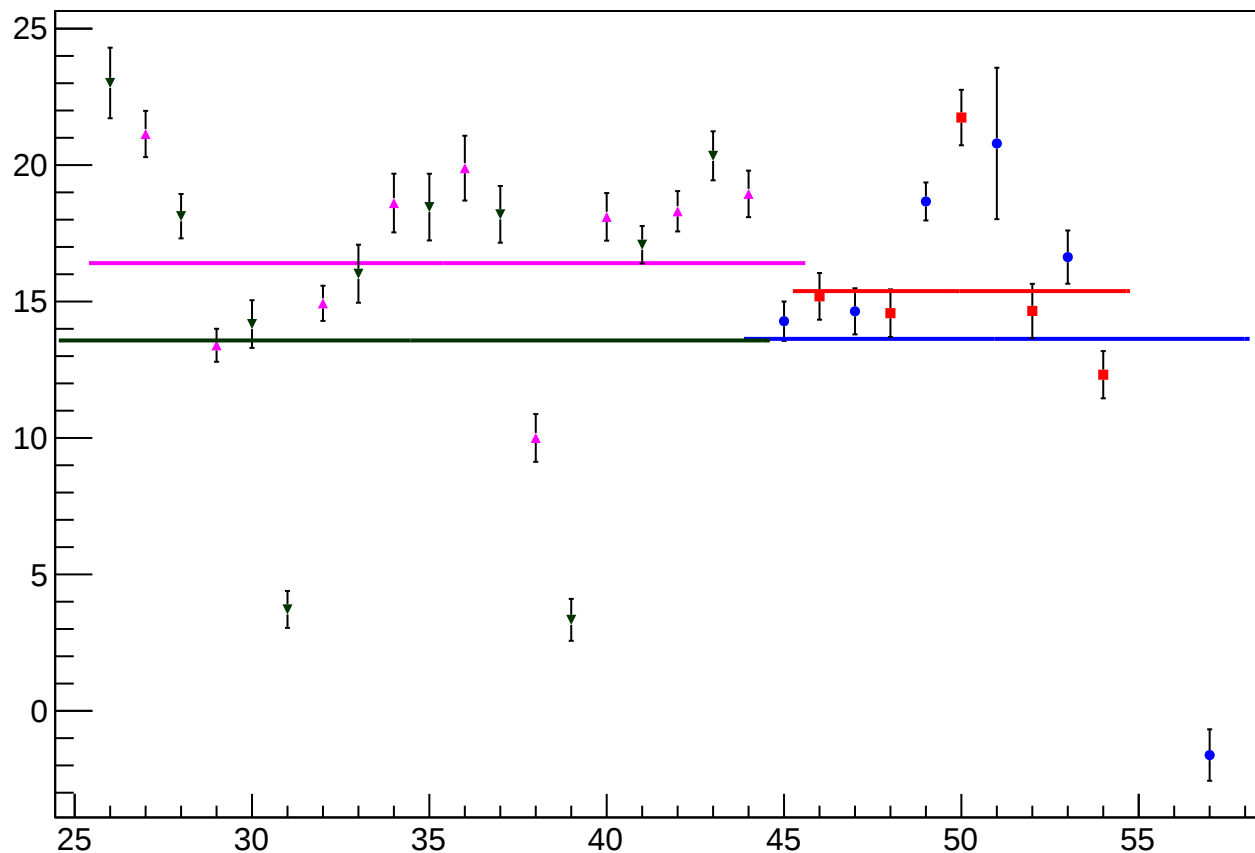
Right Out: -76.913 $\pm$ 0.547 χ^2 /NDF: 1727.1/4

Left In: -34.865 $\pm$ 0.360 χ^2 /NDF:3392.2/8

-48.147 $\pm$ 0.286 χ^2 /NDF: 10601.8/15

-47.575 $\pm$ 0.301 χ^2 /NDF: 9235.5/13

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 13.632 $\pm$ 0.361 χ^2/NDF : 332.0/5

Left Out: 13.573 $\pm$ 0.276 χ^2/NDF : 598.2/9

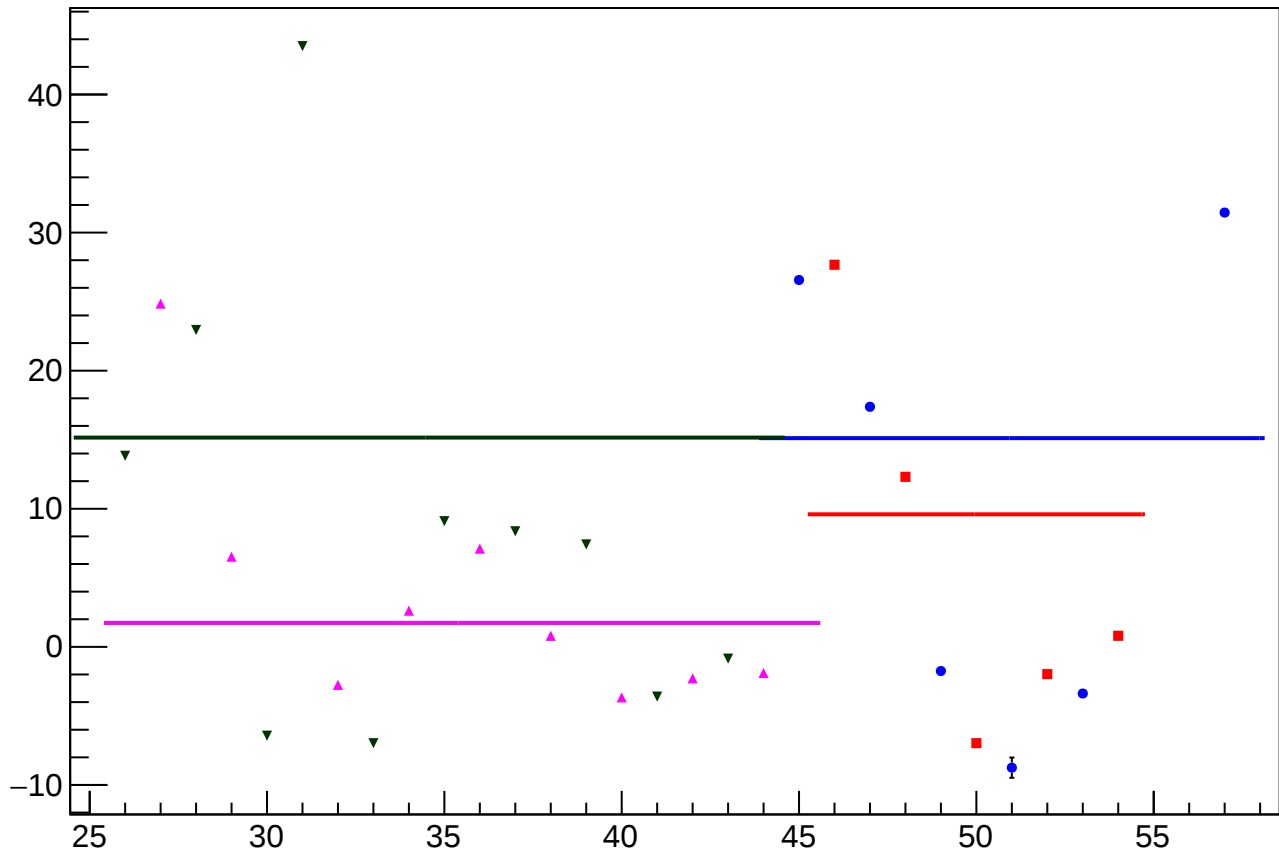
Right Out: 15.382 $\pm$ 0.408 χ^2/NDF : 53.2/4

Left In: 16.407 $\pm$ 0.268 χ^2/NDF : 146.8/8

13.595 $\pm$ 0.219 χ^2/NDF : 930.2/15

16.099 $\pm$ 0.224 χ^2/NDF : 204.4/13

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 15.116 $\pm$ 0.083 χ^2 /NDF: 27972.5/5

Left Out: 15.156 $\pm$ 0.057 χ^2 /NDF: 119762.0/9

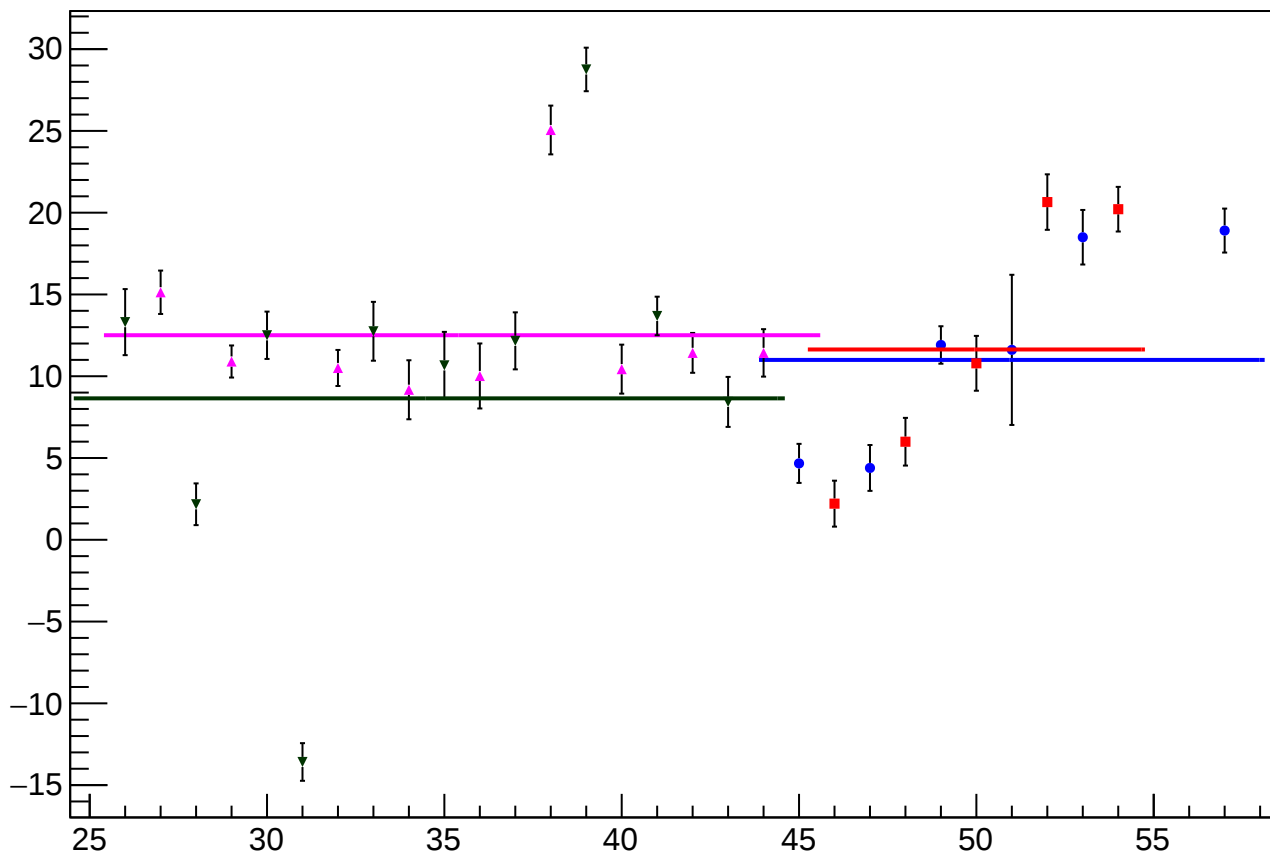
Right Out: 9.599 $\pm$ 0.092 χ^2 /NDF: 19150.8/4

Left In: 1.730 $\pm$ 0.061 χ^2 /NDF: 13843.5/8

15.143 $\pm$ 0.047 χ^2 /NDF: 147734.7/15

4.143 $\pm$ 0.051 χ^2 /NDF: 38047.0/13

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 10.998+/-0.584 χ^2/NDF : 105.8/5

Left Out: 8.647+/-0.462 χ^2/NDF : 668.1/9

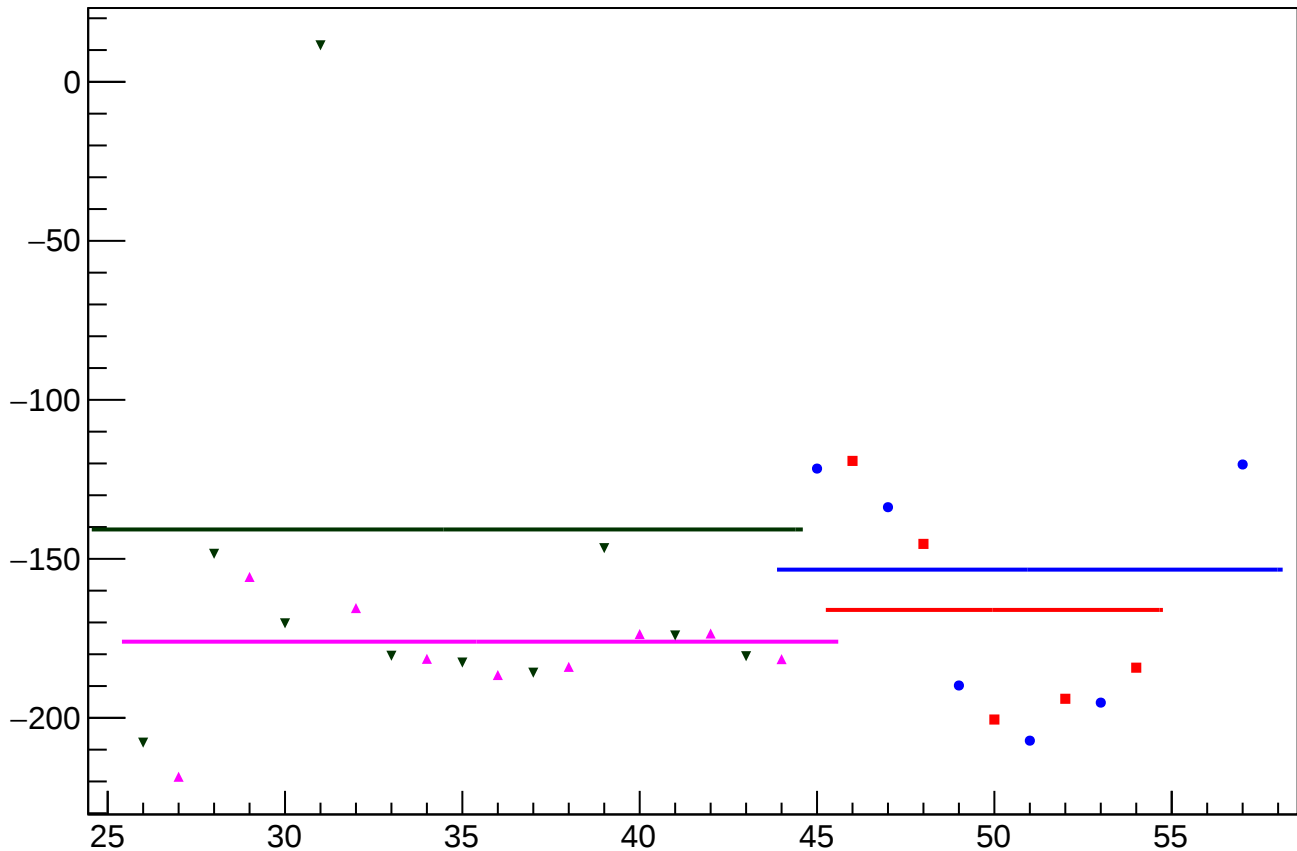
Right Out: 11.636+/-0.672 χ^2/NDF : 127.9/4

Left In: 12.508+/-0.446 χ^2/NDF : 89.0/8

9.553+/-0.362 χ^2/NDF : 783.9/15

12.241+/-0.371 χ^2/NDF : 218.1/13

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -153.390+/-0.114 χ^2/NDF : 87340.2/5

Left Out: -140.758+/-0.086 χ^2/NDF : 690511.9/9

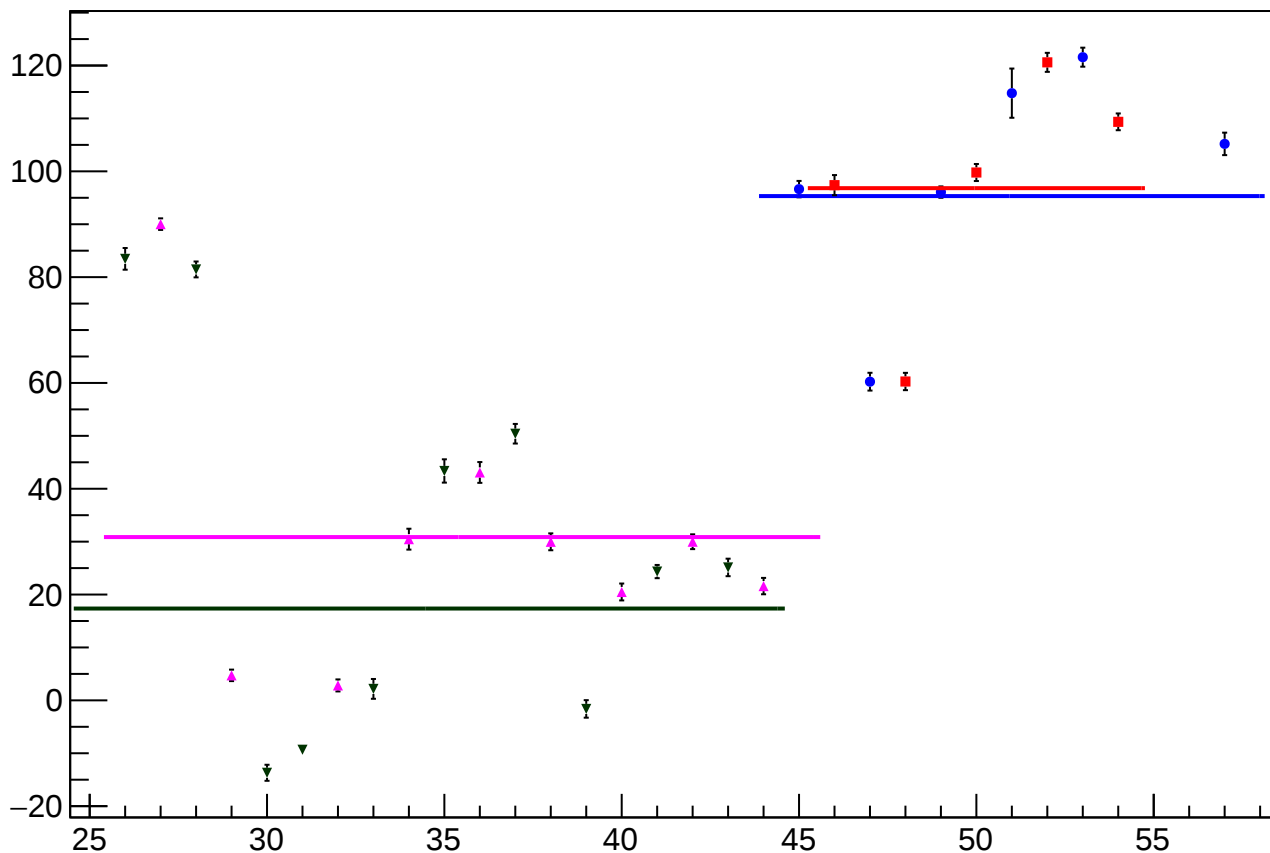
Right Out: -166.060+/-0.129 χ^2/NDF : 60252.1/4

Left In: -176.046+/-0.093 χ^2/NDF : 29168.4/8

-145.324+/-0.068 χ^2/NDF : 785735.9/15

-172.667+/-0.075 χ^2/NDF : 93357.1/13

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 95.322 $\pm$ 0.672 χ^2 /NDF: 689.6/5

Left Out: 17.356 $\pm$ 0.455 χ^2 /NDF: 5107.4/9

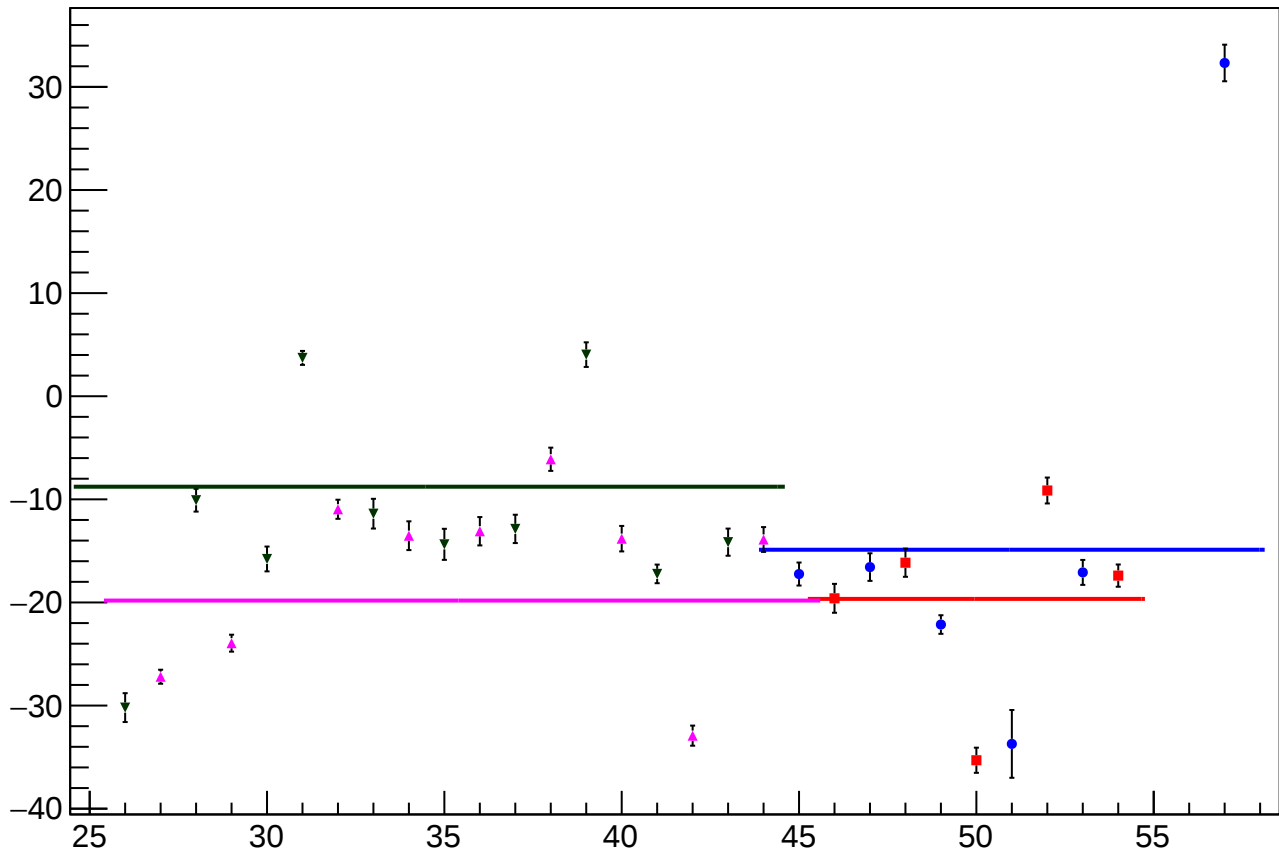
Right Out: 96.820 $\pm$ 0.757 χ^2 /NDF: 740.3/4

Left In: 30.865 $\pm$ 0.462 χ^2 /NDF: 4236.0/8

41.857 $\pm$ 0.377 χ^2 /NDF: 15029.4/15

48.740 $\pm$ 0.394 χ^2 /NDF: 10503.9/13

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -14.887 ± 0.521 χ^2/NDF : 814.7/5

Left Out: -8.774 ± 0.350 χ^2/NDF : 855.1/9

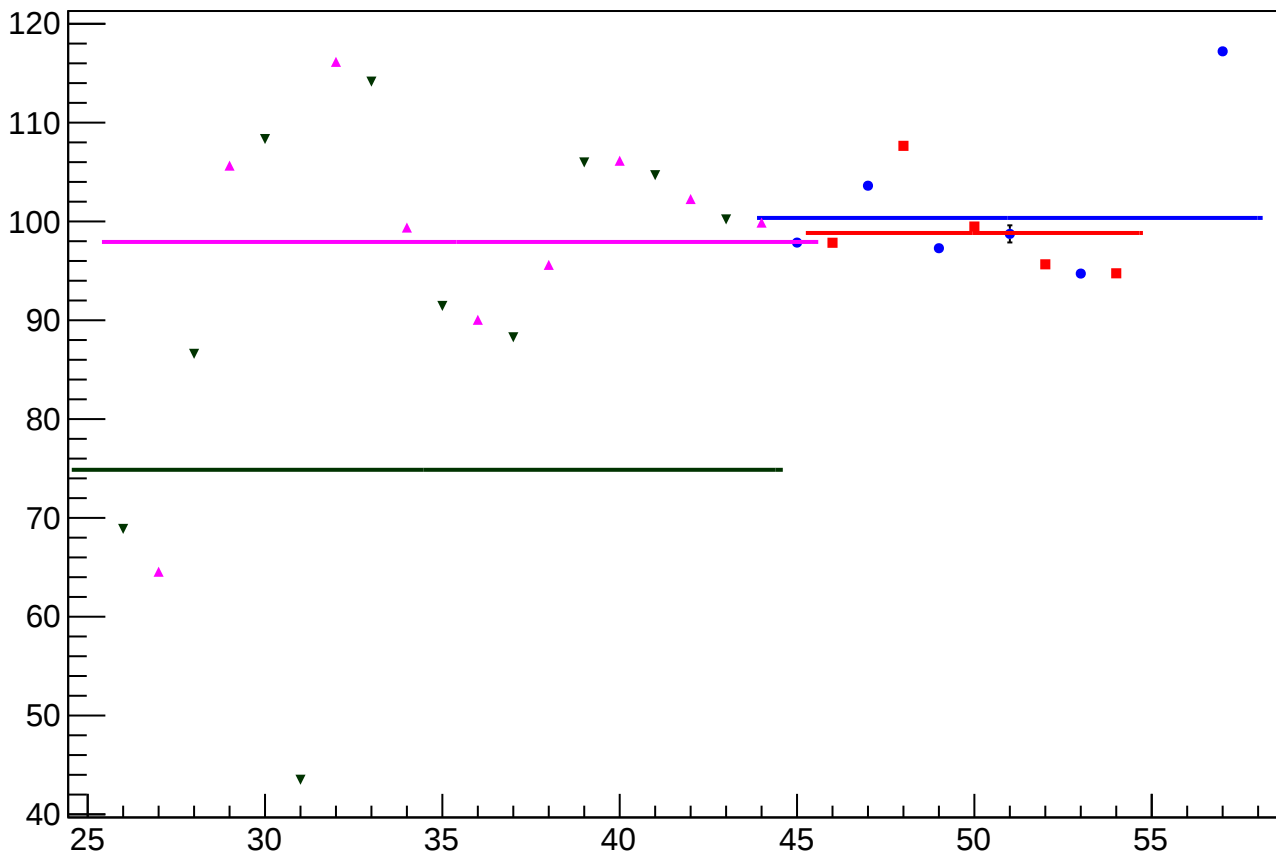
Right Out: -19.655 ± 0.558 χ^2/NDF : 245.6/4

Left In: -19.816 ± 0.333 χ^2/NDF : 655.3/8

-10.676 ± 0.291 χ^2/NDF : 1764.6/15

-19.774 ± 0.286 χ^2/NDF : 900.9/13

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 100.356 $\pm$ 0.121 χ^2/NDF : 2819.7/5

Left Out: 74.867 $\pm$ 0.070 χ^2/NDF : 168612.2/9

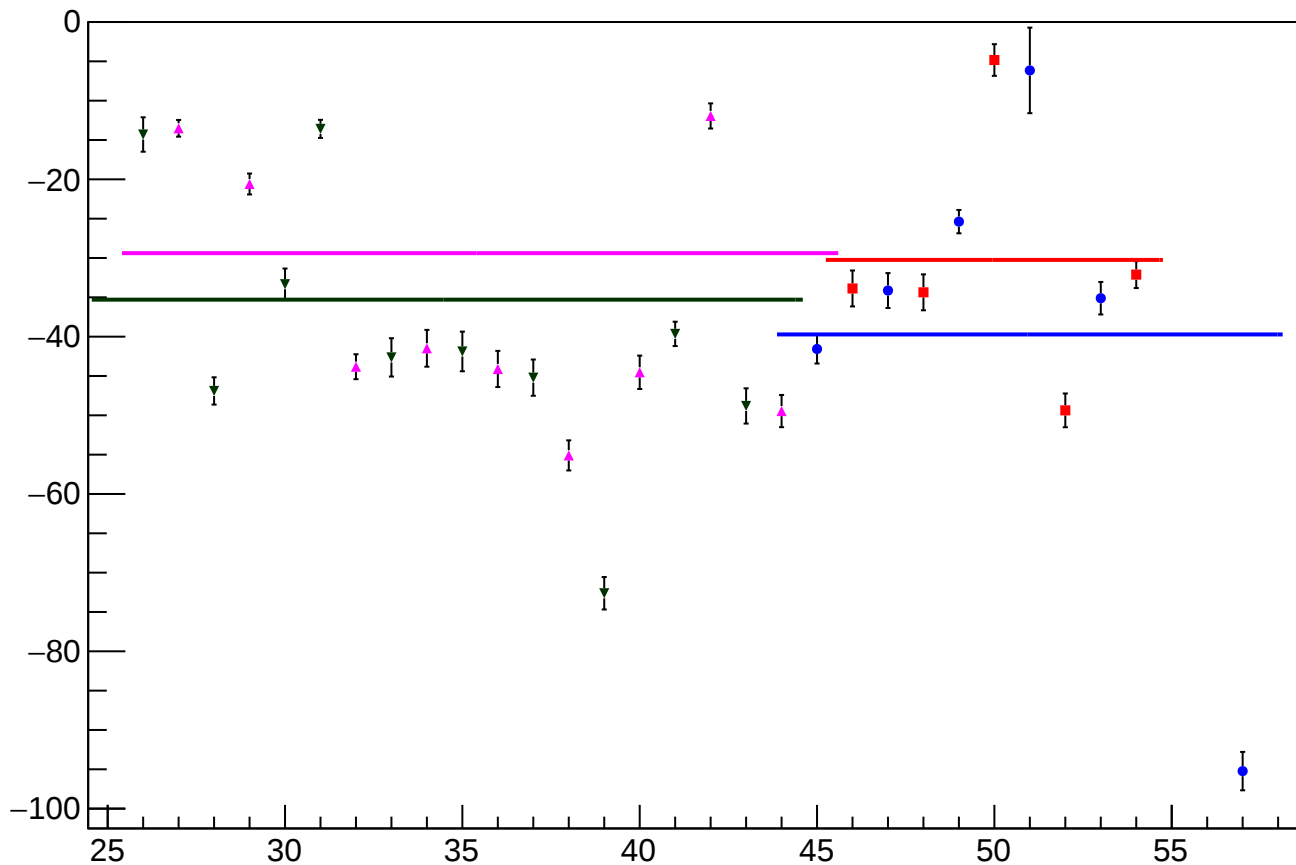
Right Out: 98.833 $\pm$ 0.129 χ^2/NDF : 1267.4/4

Left In: 97.925 $\pm$ 0.079 χ^2/NDF : 43942.4/8

81.237 $\pm$ 0.061 χ^2/NDF : 204702.9/15

98.172 $\pm$ 0.067 χ^2/NDF : 45245.6/13

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -39.717±/0.850 χ^2/NDF : 660.4/5

Left Out: -35.297±/0.586 χ^2/NDF : 899.8/9

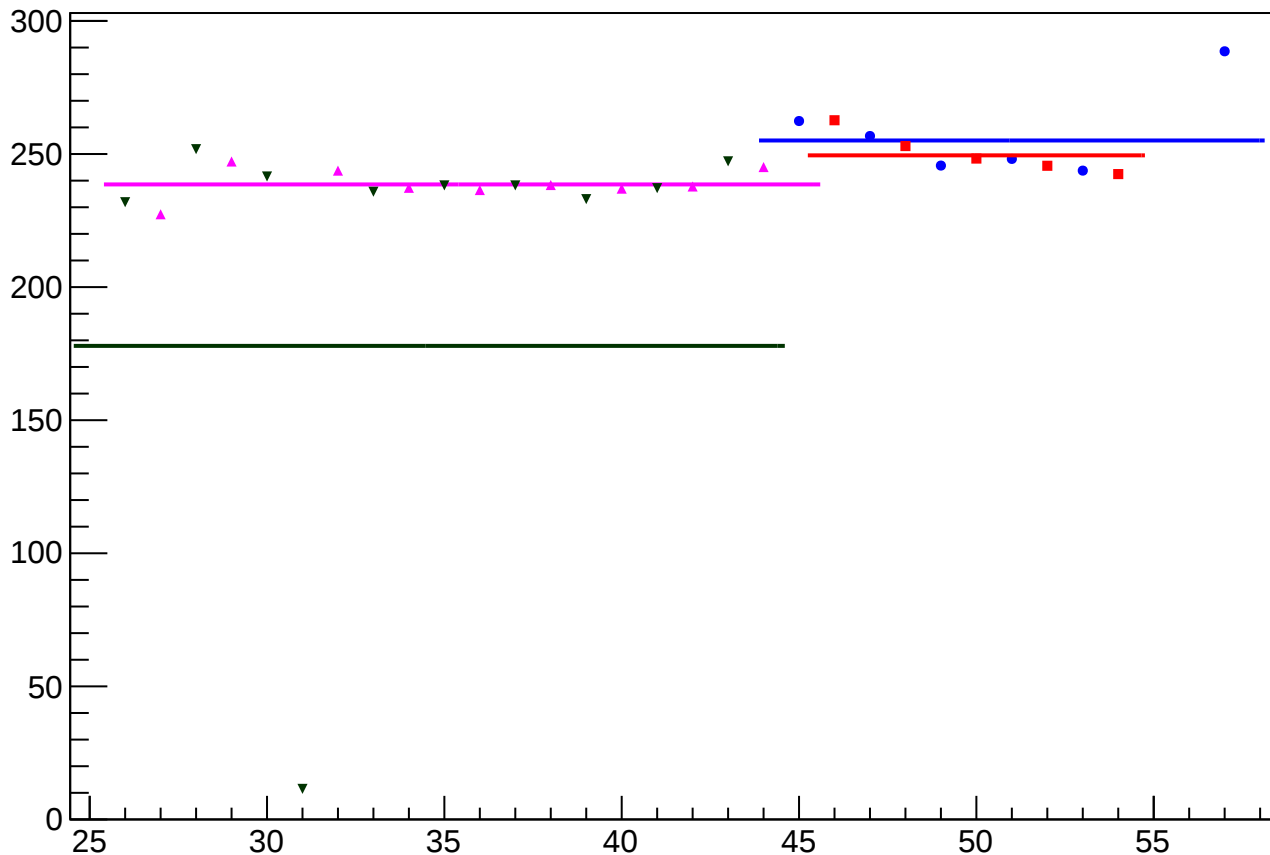
Right Out: -30.243±/0.917 χ^2/NDF : 245.8/4

Left In: -29.383±/0.546 χ^2/NDF : 865.1/8

-36.721±/0.482 χ^2/NDF : 1578.5/15

-29.609±/0.469 χ^2/NDF : 1111.6/13

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 255.088±/0.164 χ^2/NDF : 7098.7/5

Left Out: 177.919±/0.108 χ^2/NDF :891925.7/9

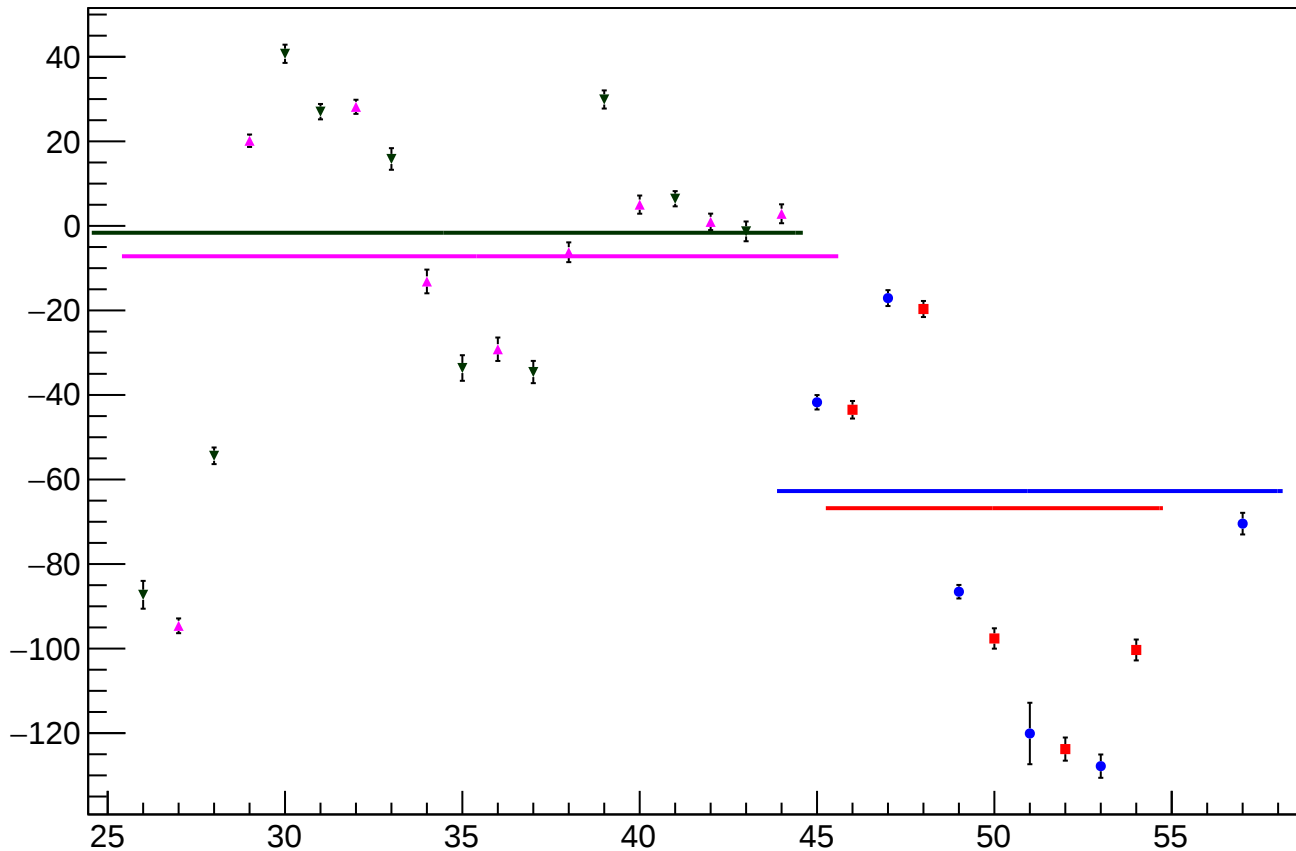
Right Out: 249.500±/0.176 χ^2/NDF : 1388.8/4

Left In: 238.578±/0.118 χ^2/NDF :3012.9/8

201.114±/0.090 χ^2/NDF : 1053708.3/15

241.942±/0.098 χ^2/NDF : 7061.1/13

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -62.734 $\pm$ 0.871 χ^2 /NDF: 1589.1/5

Left Out: -1.625 $\pm$ 0.710 χ^2 /NDF: 2580.3/9

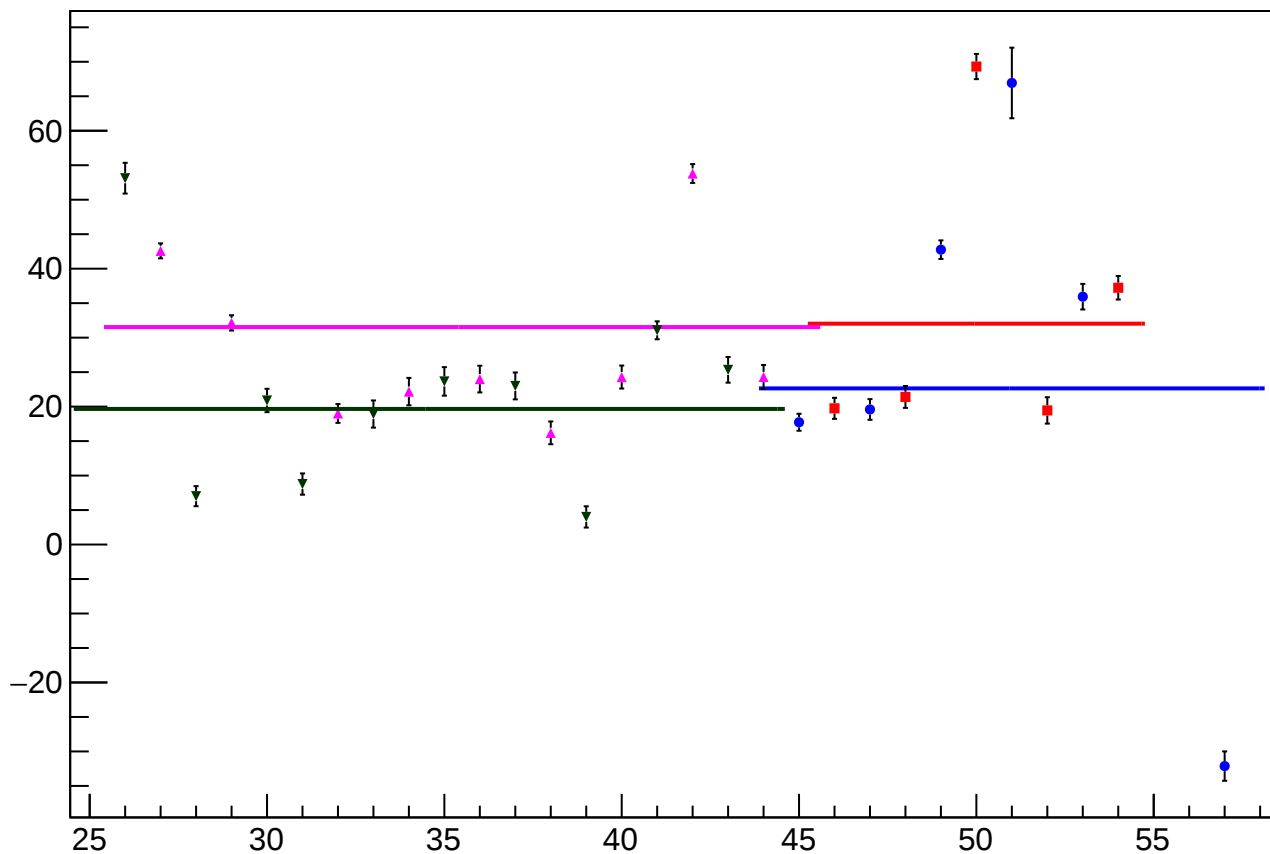
Right Out: -66.784 $\pm$ 1.012 χ^2 /NDF: 1520.3/4

Left In: -7.188 $\pm$ 0.664 χ^2 /NDF: 3435.6/8

-26.026 $\pm$ 0.551 χ^2 /NDF: 7124.0/15

-25.133 $\pm$ 0.555 χ^2 /NDF: 7381.7/13

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 22.642 $\pm$ 0.673 χ^2/NDF : 1029.6/5

Left Out: 19.664 $\pm$ 0.535 χ^2/NDF : 547.2/9

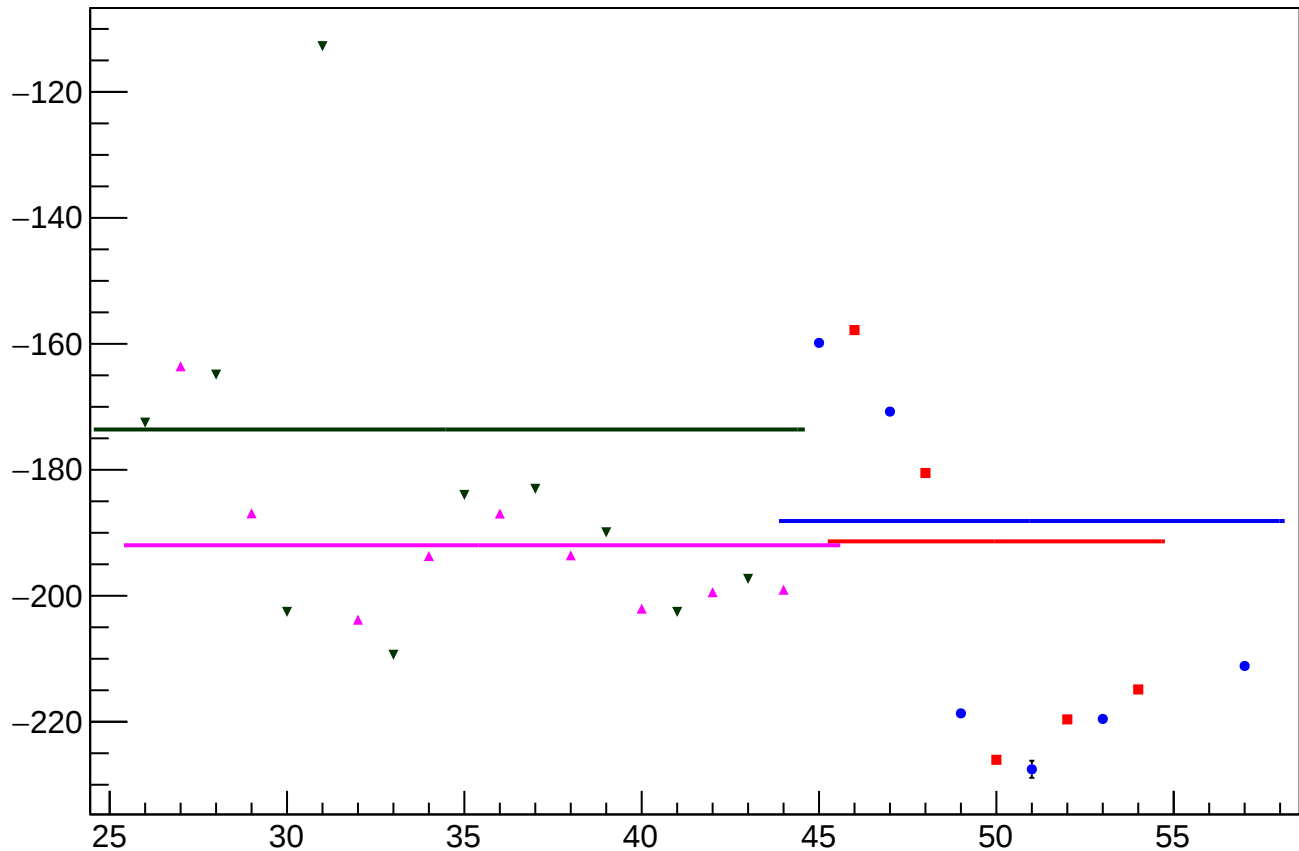
Right Out: 32.027 $\pm$ 0.757 χ^2/NDF : 578.3/4

Left In: 31.534 $\pm$ 0.481 χ^2/NDF : 612.9/8

20.816 $\pm$ 0.419 χ^2/NDF : 1588.9/15

31.676 $\pm$ 0.406 χ^2/NDF : 1191.5/13

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -188.129+/-0.153 χ^2/NDF : 30112.2/5

Left Out: -173.597+/-0.114 χ^2/NDF : 92522.3/9

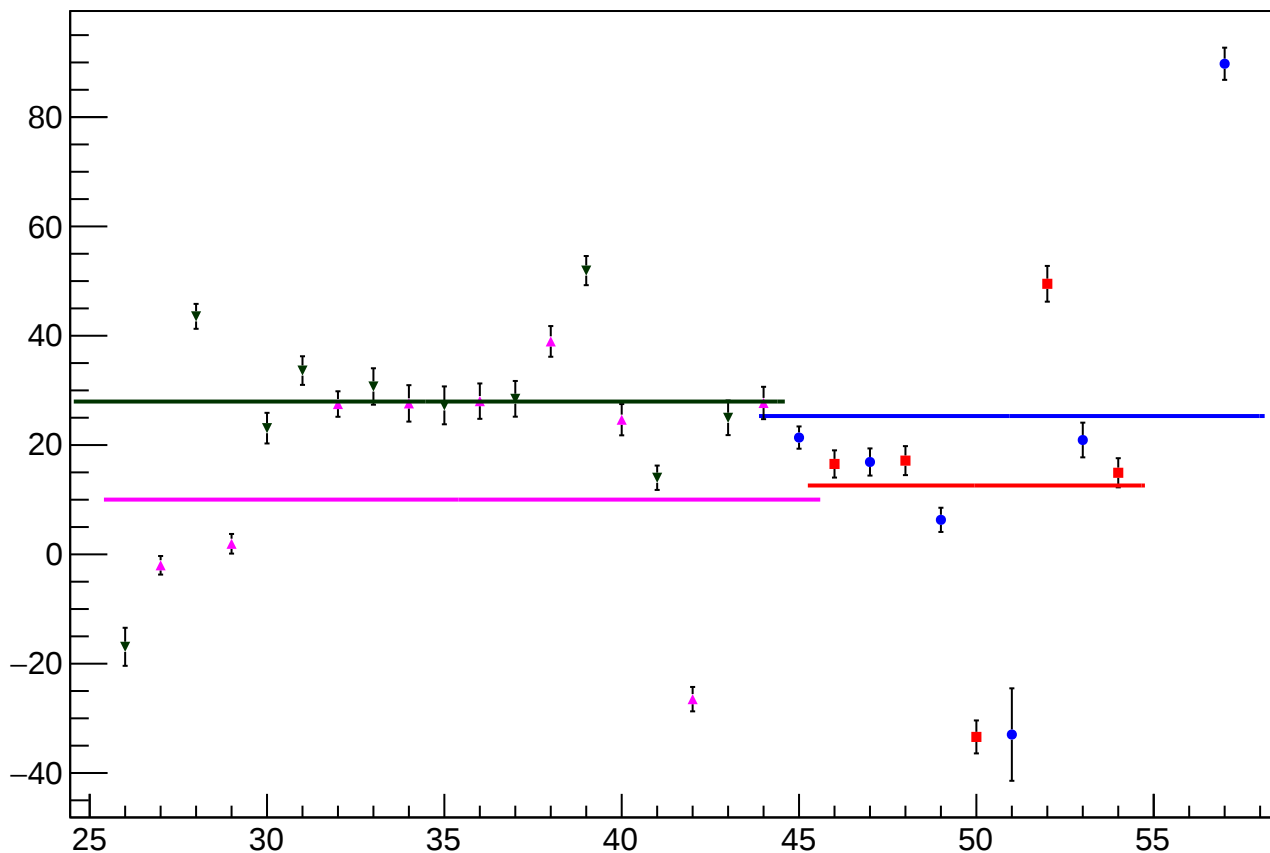
Right Out: -191.360+/-0.171 χ^2/NDF : 25024.0/4

Left In: -191.976+/-0.115 χ^2/NDF : 12393.0/8

-178.791+/-0.092 χ^2/NDF : 128402.7/15

-191.786+/-0.095 χ^2/NDF : 37425.9/13

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 25.308 $\pm$ 1.094 χ^2 /NDF: 617.5/5

Left Out: 27.961 $\pm$ 0.892 χ^2 /NDF:342.1/9

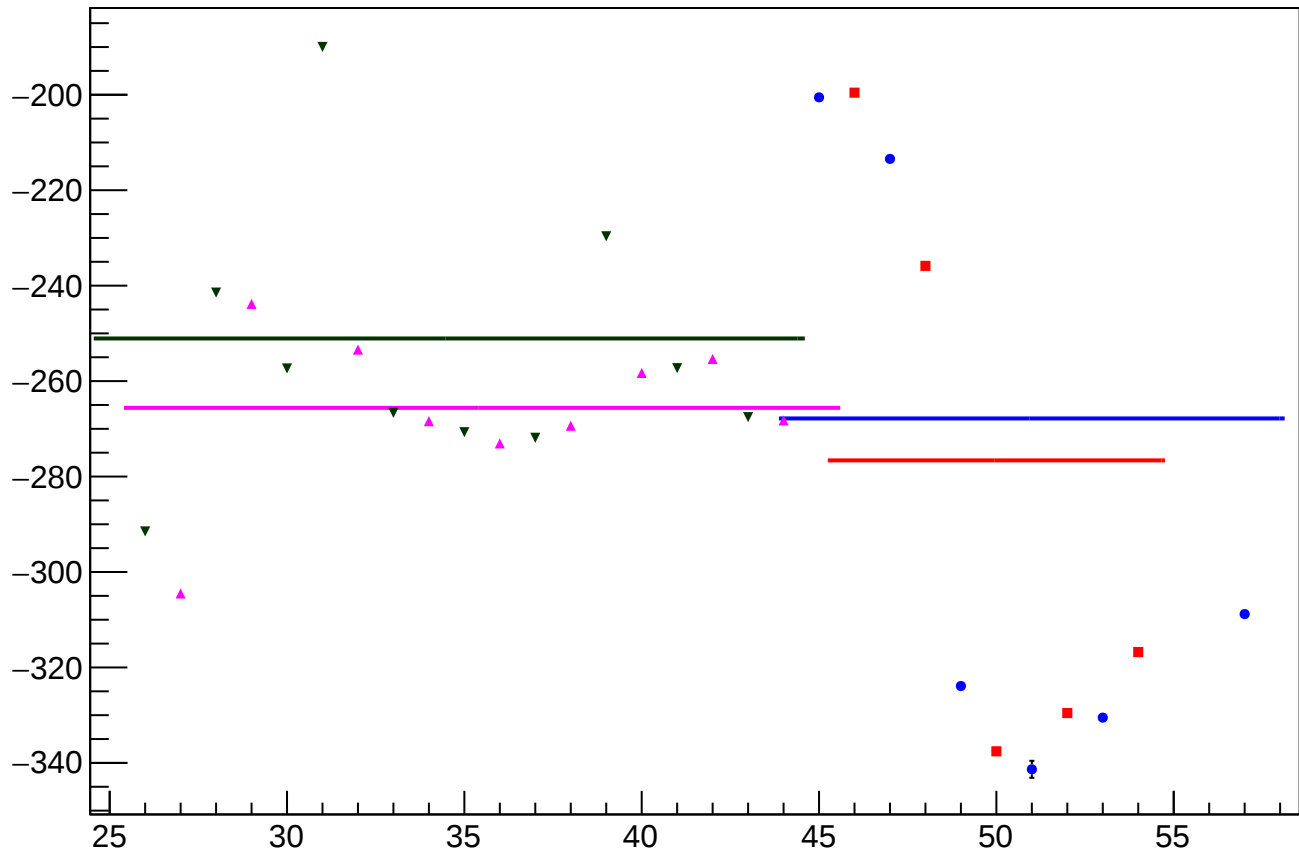
Right Out: 12.600 $\pm$ 1.243 χ^2 /NDF: 366.2/4

Left In: 10.019 $\pm$ 0.793 χ^2 /NDF:620.9/8

26.902 $\pm$ 0.691 χ^2 /NDF: 963.1/15

10.766 $\pm$ 0.669 χ^2 /NDF: 990.1/13

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -267.823 ± 0.213 χ^2/NDF : 75798.0/5

Left Out: -251.066 ± 0.164 χ^2/NDF : 28709.1/9

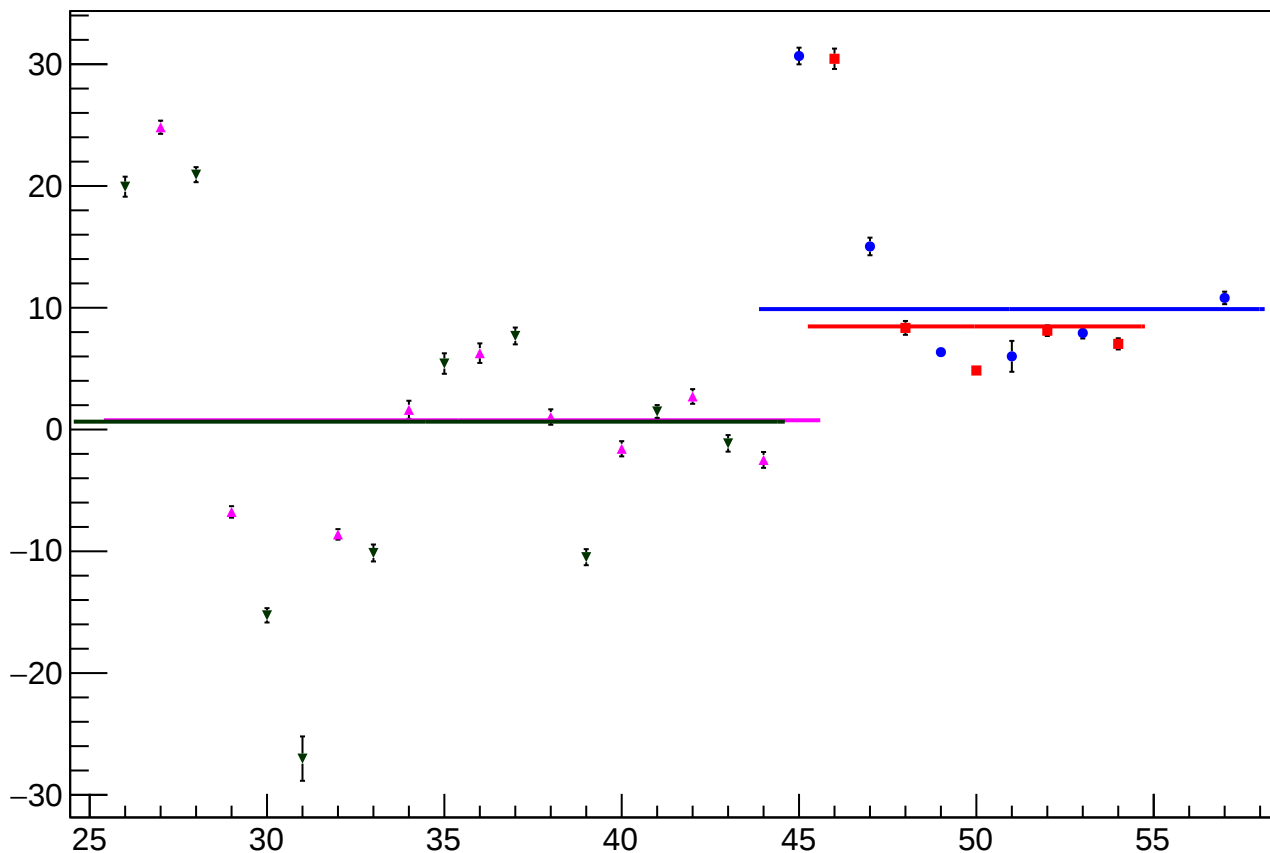
Right Out: -276.611 ± 0.239 χ^2/NDF : 57287.7/4

Left In: -265.603 ± 0.168 χ^2/NDF : 12152.3/8

-257.328 ± 0.130 χ^2/NDF : 108392.4/15

-269.244 ± 0.137 χ^2/NDF : 70859.6/13

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 9.890 $\pm$ 0.195 χ^2 /NDF: 1164.7/5

Left Out: 0.647 $\pm$ 0.219 χ^2 /NDF: 3257.1/9

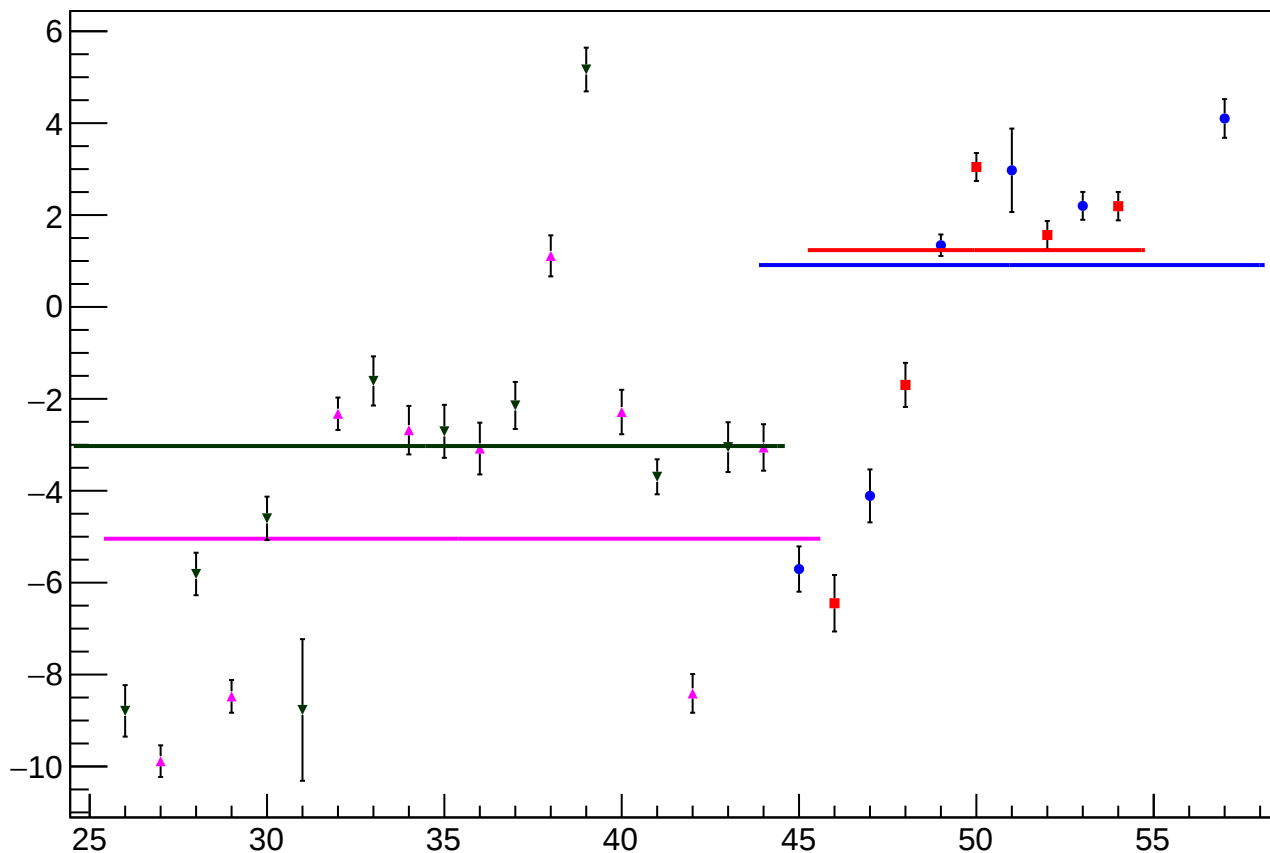
Right Out: 8.467 $\pm$ 0.220 χ^2 /NDF: 783.4/4

Left In: 0.760 $\pm$ 0.193 χ^2 /NDF: 2789.0/8

5.798 $\pm$ 0.146 χ^2 /NDF: 5416.8/15

4.125 $\pm$ 0.145 χ^2 /NDF: 4266.8/13

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: 0.912 ± 0.152 χ^2/NDF : 340.4/5

Left Out: -3.027 ± 0.163 χ^2/NDF : 477.3/9

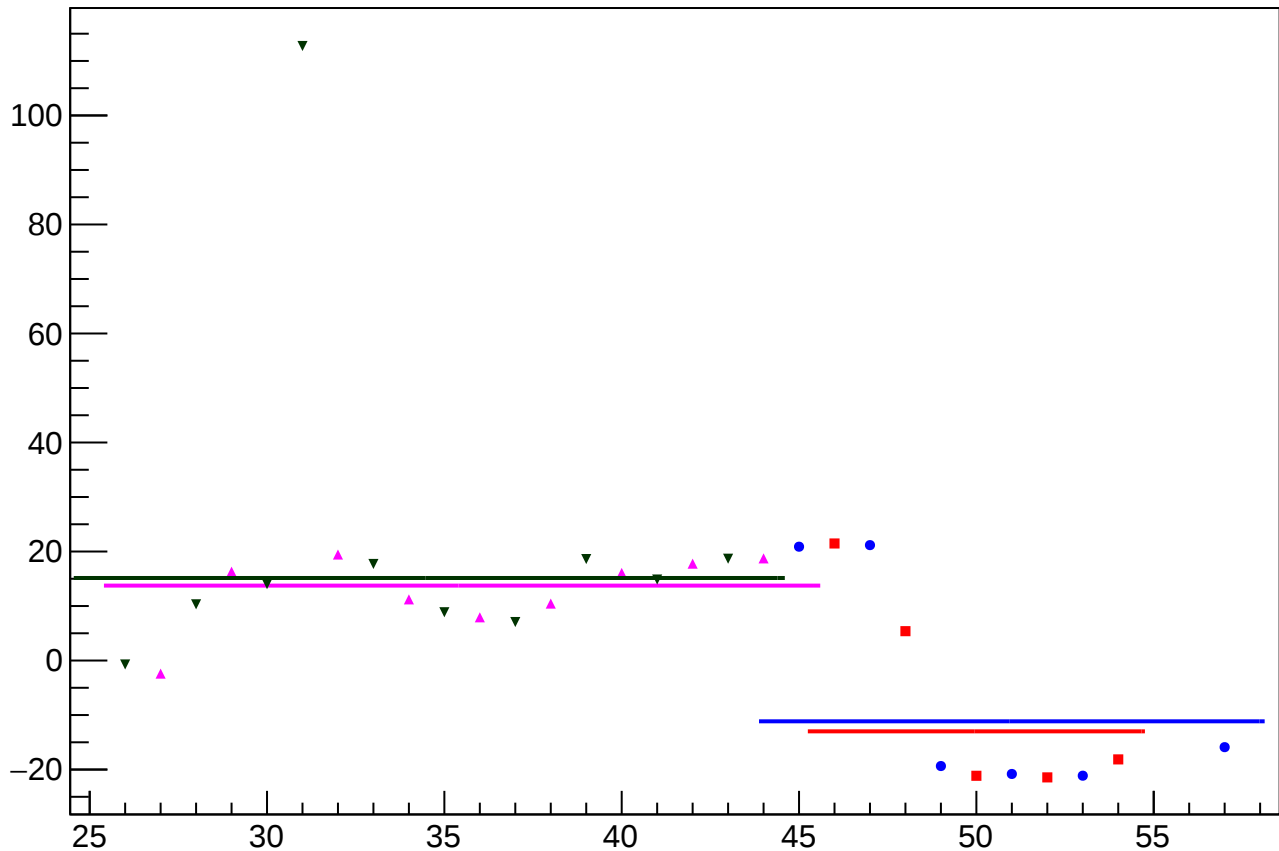
Right Out: 1.237 ± 0.160 χ^2/NDF : 239.7/4

Left In: -5.044 ± 0.141 χ^2/NDF : 684.5/8

-0.927 ± 0.111 χ^2/NDF : 1130.2/15

-2.289 ± 0.106 χ^2/NDF : 1789.1/13

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -11.151+/-0.036 χ^2/NDF : 198768.8/5

Left Out: 15.143+/-0.036 χ^2/NDF : 187125.6/9

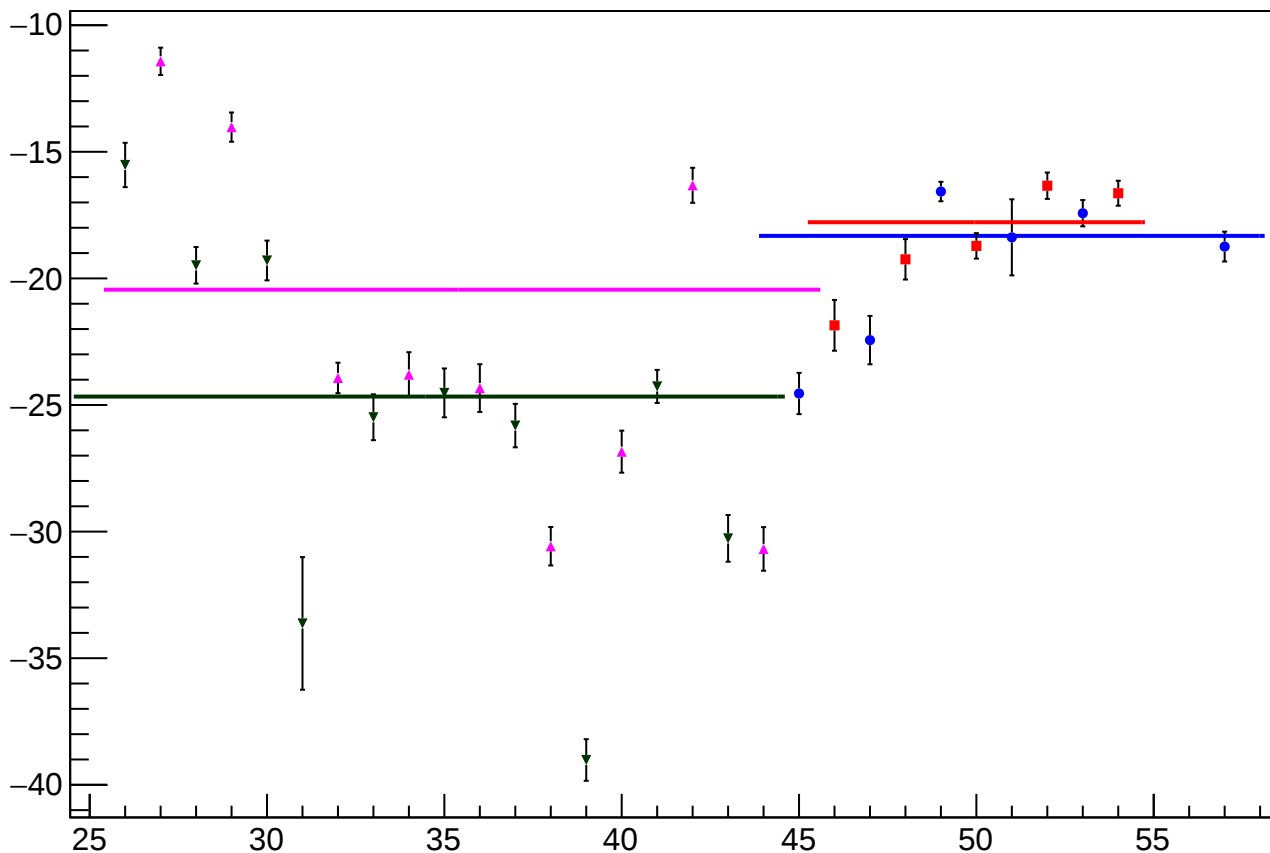
Right Out: -12.992+/-0.038 χ^2/NDF : 133490.5/4

Left In: 13.747+/-0.033 χ^2/NDF : 44234.1/8

2.026+/-0.026 χ^2/NDF : 650643.8/15

2.471+/-0.025 χ^2/NDF : 459280.4/13

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -18.320 ± 0.247 $\chi^2/\text{NDF}: 101.0/5$

Left Out: -24.667 ± 0.271 $\chi^2/\text{NDF}: 564.2/9$

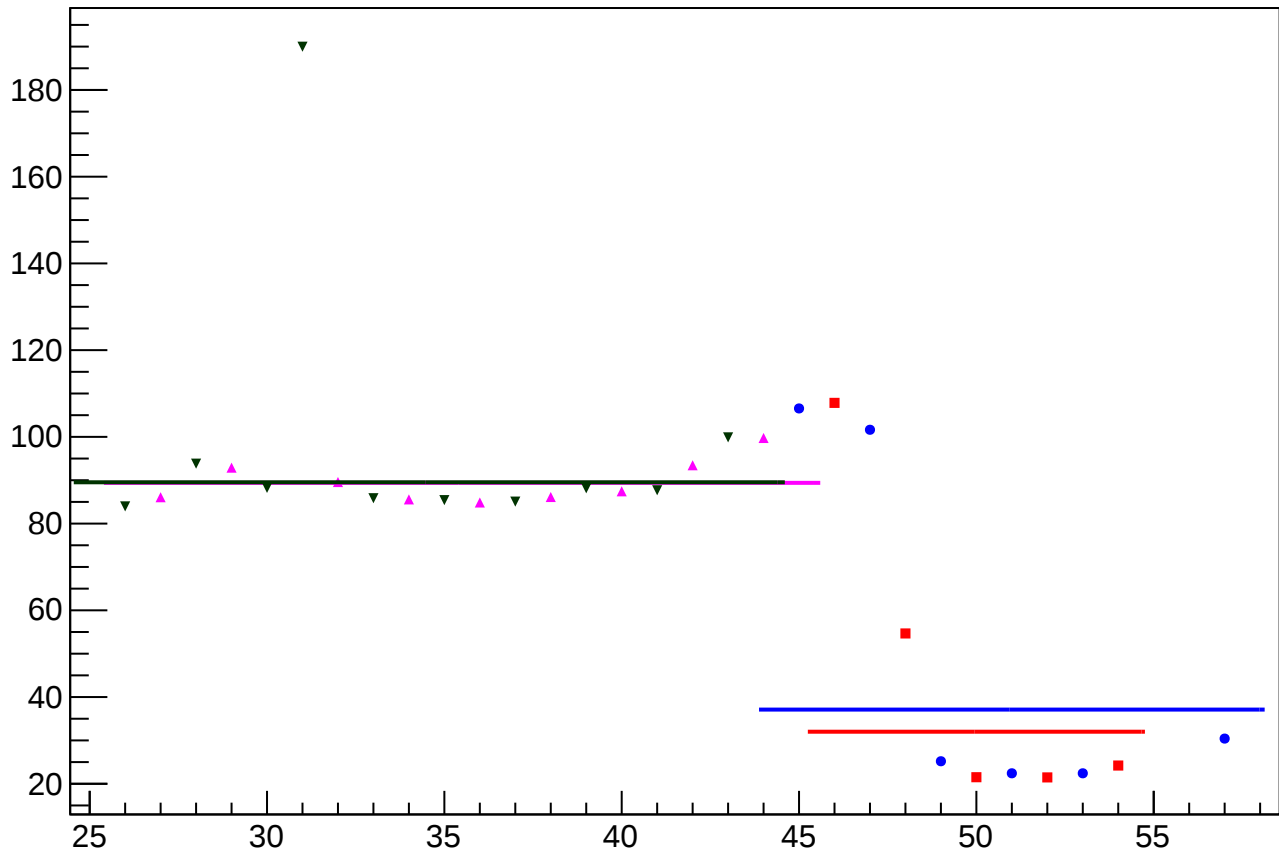
Right Out: -17.782 ± 0.264 $\chi^2/\text{NDF}: 36.4/4$

Left In: -20.446 ± 0.234 $\chi^2/\text{NDF}: 882.7/8$

-21.204 ± 0.182 $\chi^2/\text{NDF}: 965.1/15$

-19.273 ± 0.175 $\chi^2/\text{NDF}: 975.9/13$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 37.108+/-0.047 χ^2/NDF : 360729.3/5

Left Out: 89.526+/-0.049 χ^2/NDF : 54366.7/9

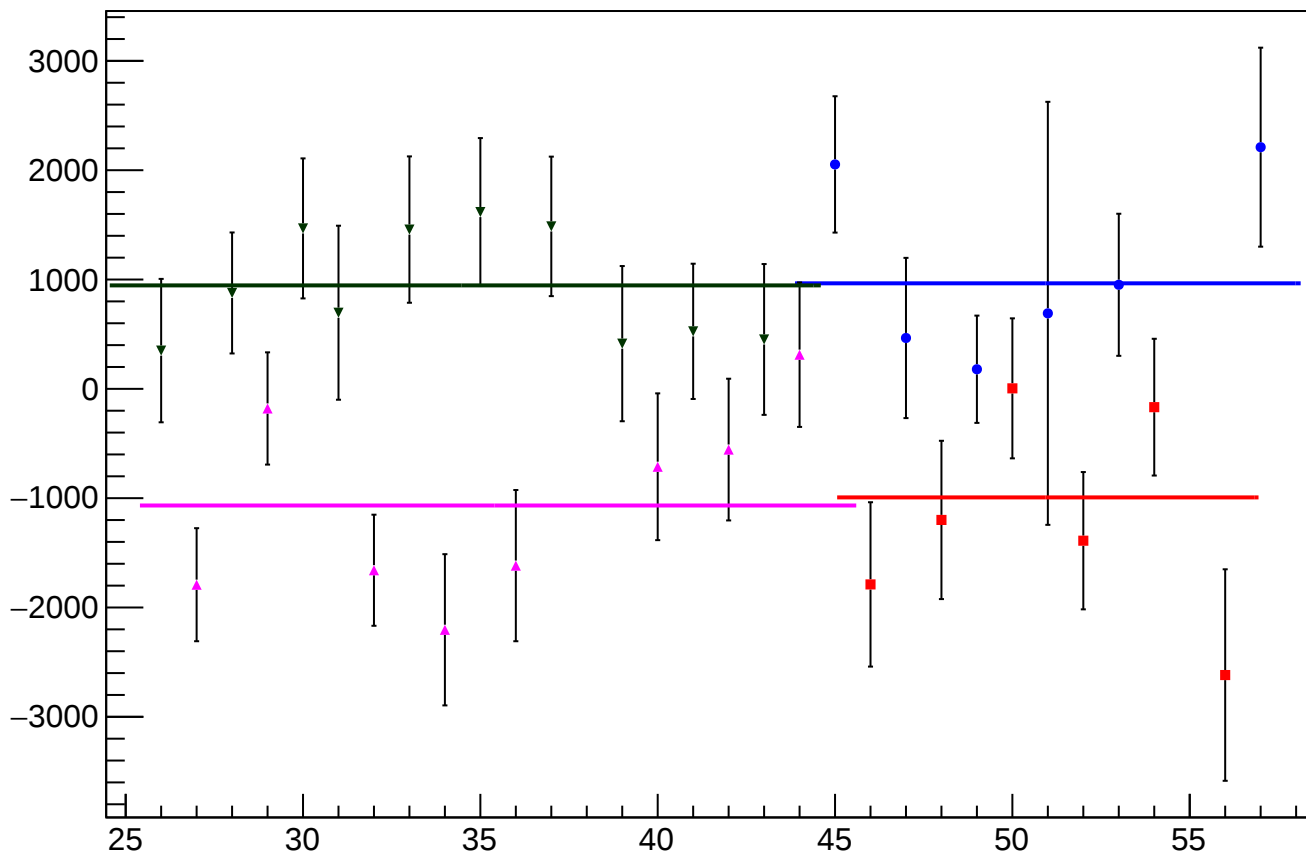
Right Out: 32.006+/-0.050 χ^2/NDF : 208636.8/4

Left In: 89.397+/-0.049 χ^2/NDF : 7802.3/8

62.071+/-0.034 χ^2/NDF : 1002839.8/15

61.030+/-0.035 χ^2/NDF : 895443.1/13

reg_asym_atl1_mean vs slug



Right In: 965.270 $\pm$ 283.634 χ^2 /NDF: 8.0/5

Left Out: 946.354 $\pm$ 207.711 χ^2 /NDF:5.4/9

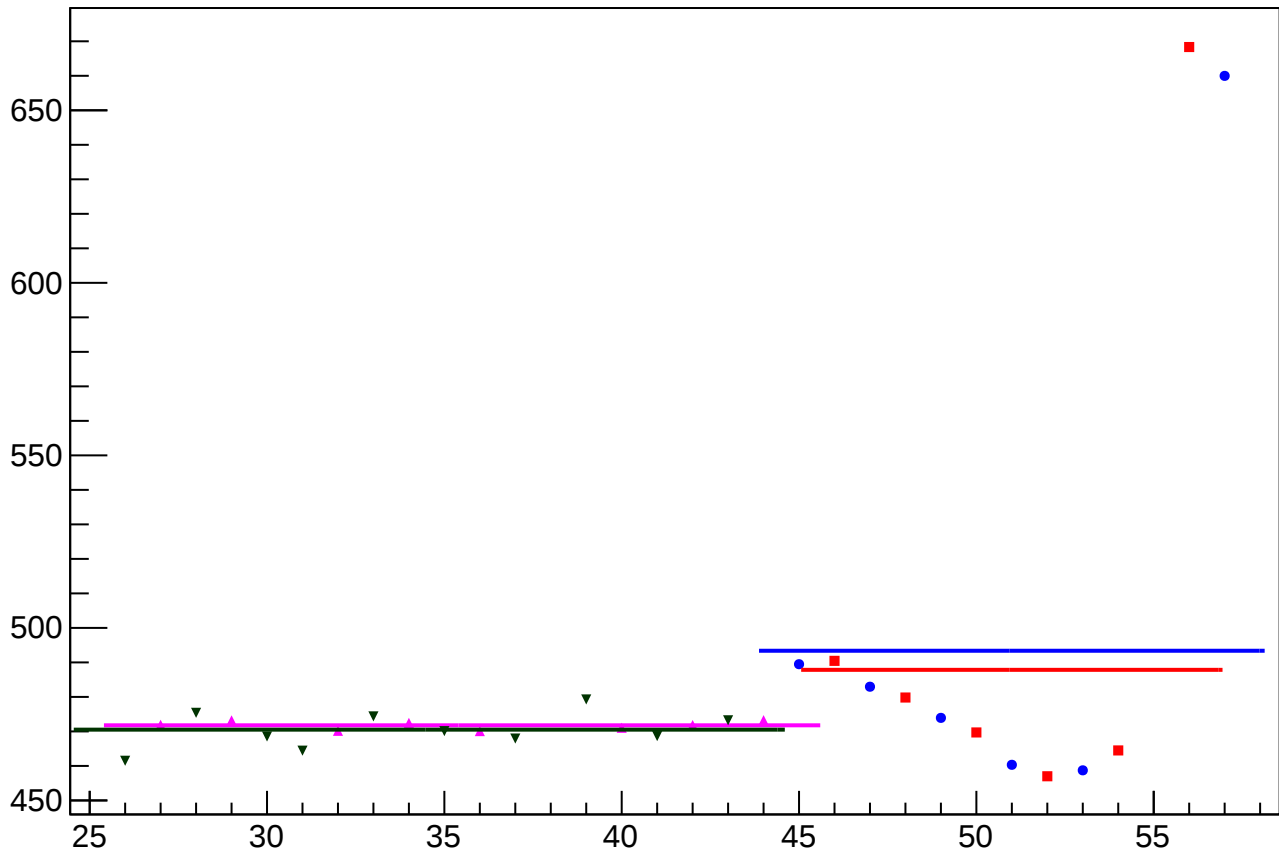
Right Out: -992.947 $\pm$ 285.395 χ^2 /NDF: 8.6/5

Left In: -1066.964 $\pm$ 210.912 χ^2 /NDF:14.9/7

952.957 $\pm$ 167.580 χ^2 /NDF: 13.4/15

-1040.819 $\pm$ 169.620 χ^2 /NDF: 23.5/13

reg_asym_atl1_rms vs slug



Right In: 493.378 $\pm$ 0.201 χ^2 /NDF: 76911.8/5

Left Out: 470.514 $\pm$ 0.147 χ^2 /NDF: 1122.3/9

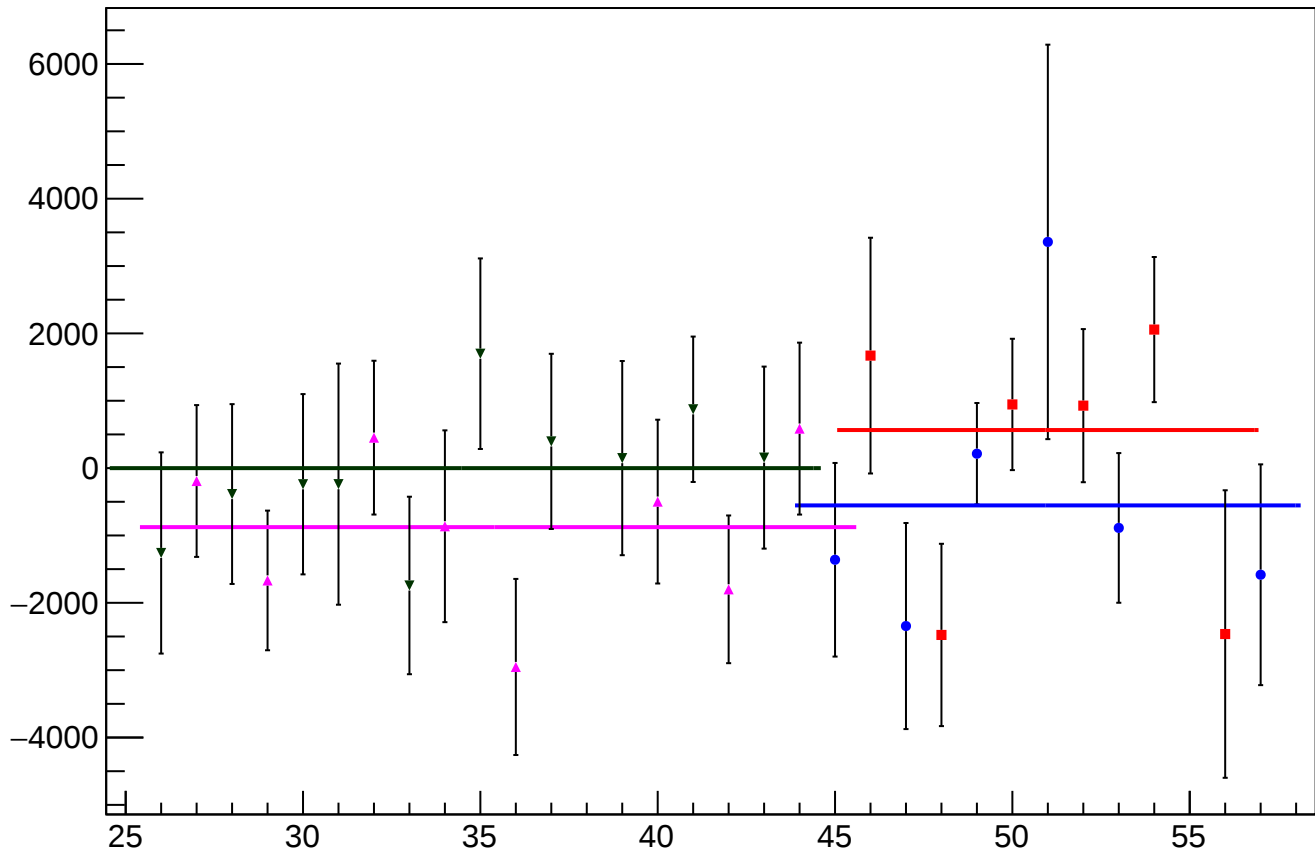
Right Out: 487.847 $\pm$ 0.202 χ^2 /NDF: 79114.3/5

Left In: 471.772 $\pm$ 0.149 χ^2 /NDF: 62.3/7

478.496 $\pm$ 0.118 χ^2 /NDF: 86493.5/15

477.450 $\pm$ 0.120 χ^2 /NDF: 83280.4/13

asym_atl1_correction_mean vs slug



Right In: -553.856 ± 501.644 χ^2/NDF : 5.0/5

Left Out: -0.504 ± 428.990 χ^2/NDF : 4.8/9

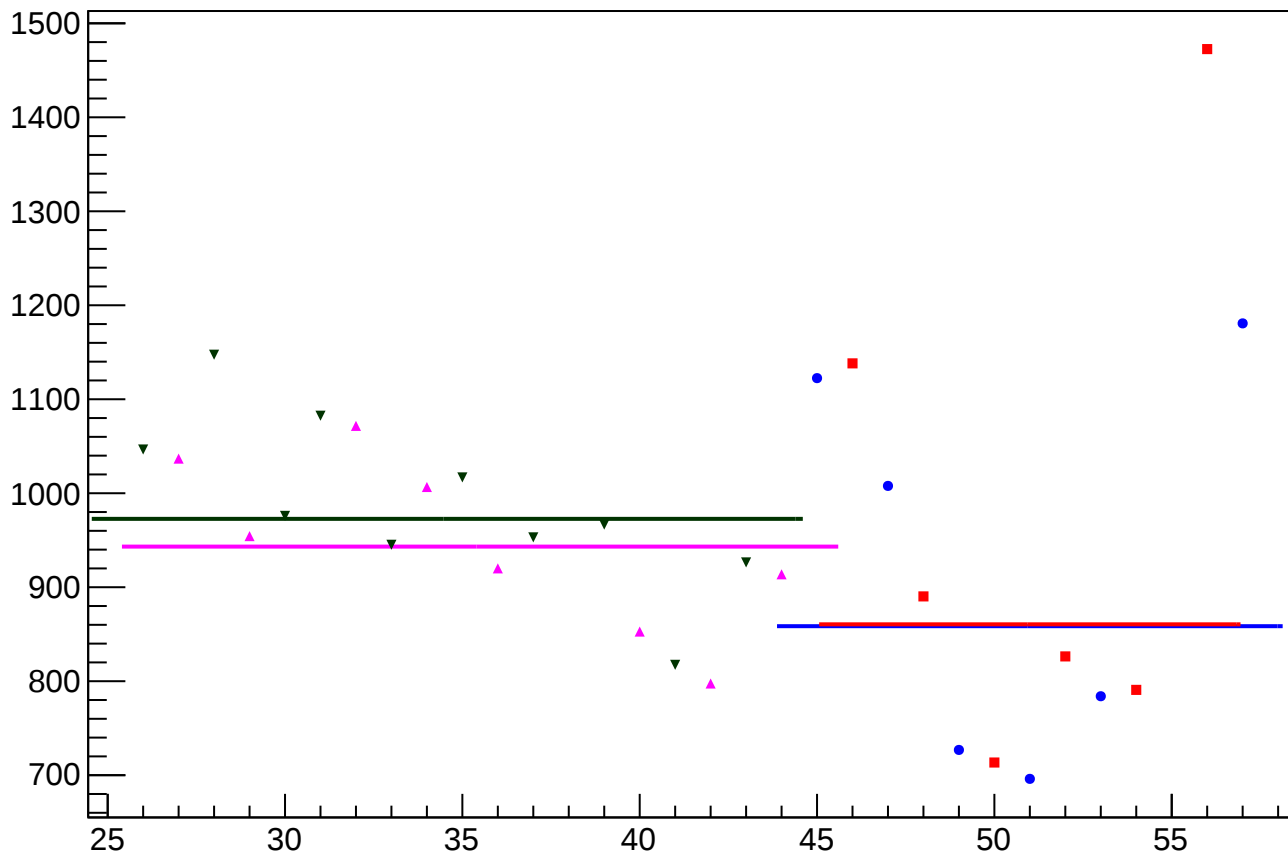
Right Out: 565.148 ± 514.387 χ^2/NDF : 9.6/5

Left In: -876.325 ± 419.386 χ^2/NDF : 6.9/7

-234.242 ± 326.031 χ^2/NDF : 10.5/15

-300.740 ± 325.043 χ^2/NDF : 21.3/13

asym_atl1_correction_rms vs slug



Right In: 858.540 ± 0.355 χ^2/NDF : 240063.6/5

Left Out: 972.740 ± 0.303 χ^2/NDF : 93722.9/9

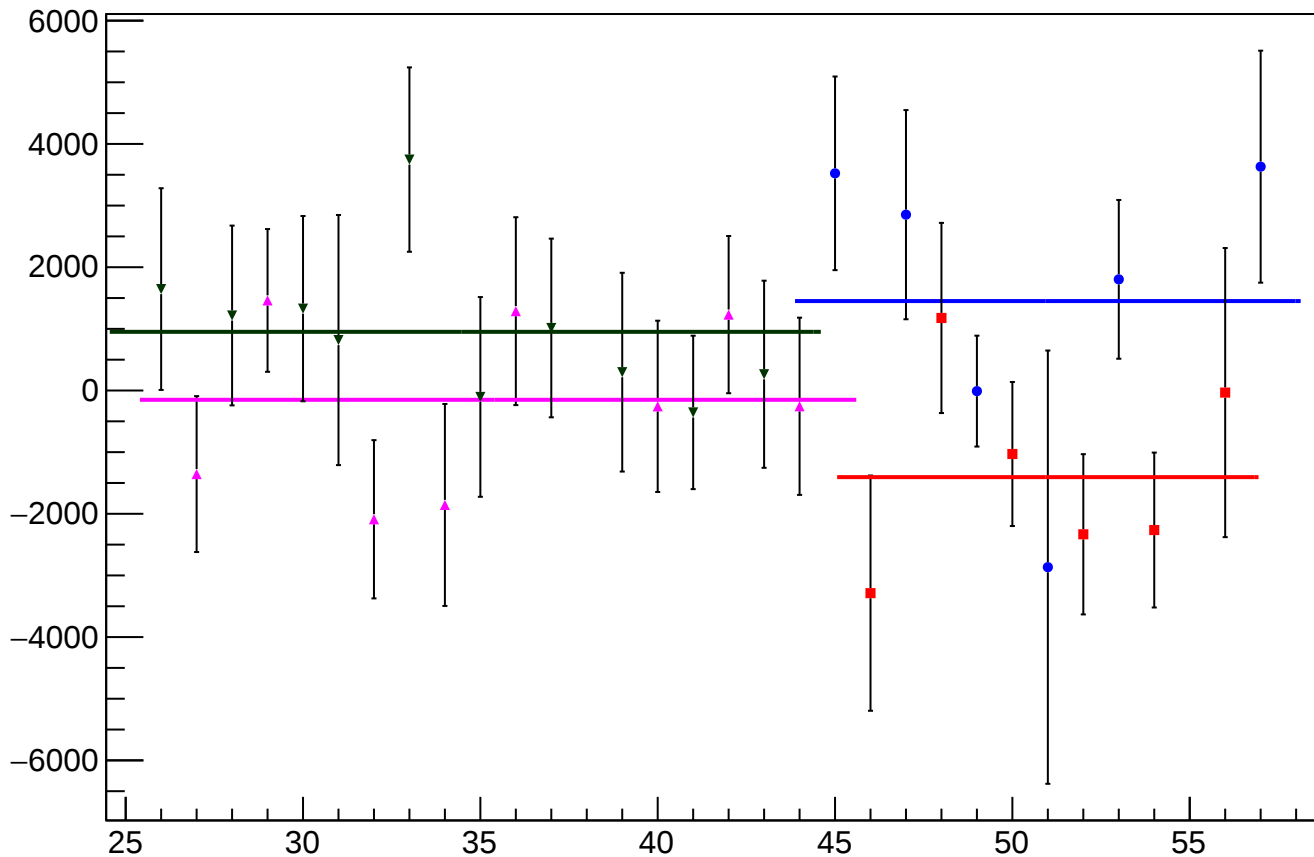
Right Out: 860.527 ± 0.364 χ^2/NDF : 271443.3/5

Left In: 943.222 ± 0.297 χ^2/NDF : 91364.0/7

924.501 ± 0.231 χ^2/NDF : 393654.8/15

910.202 ± 0.230 χ^2/NDF : 393857.7/13

asym_atl1_mean vs slug



Right In: 1450.920 $\pm$ 581.719 χ^2/NDF : 8.0/5

Left Out: 951.884 $\pm$ 482.337 χ^2/NDF : 5.7/9

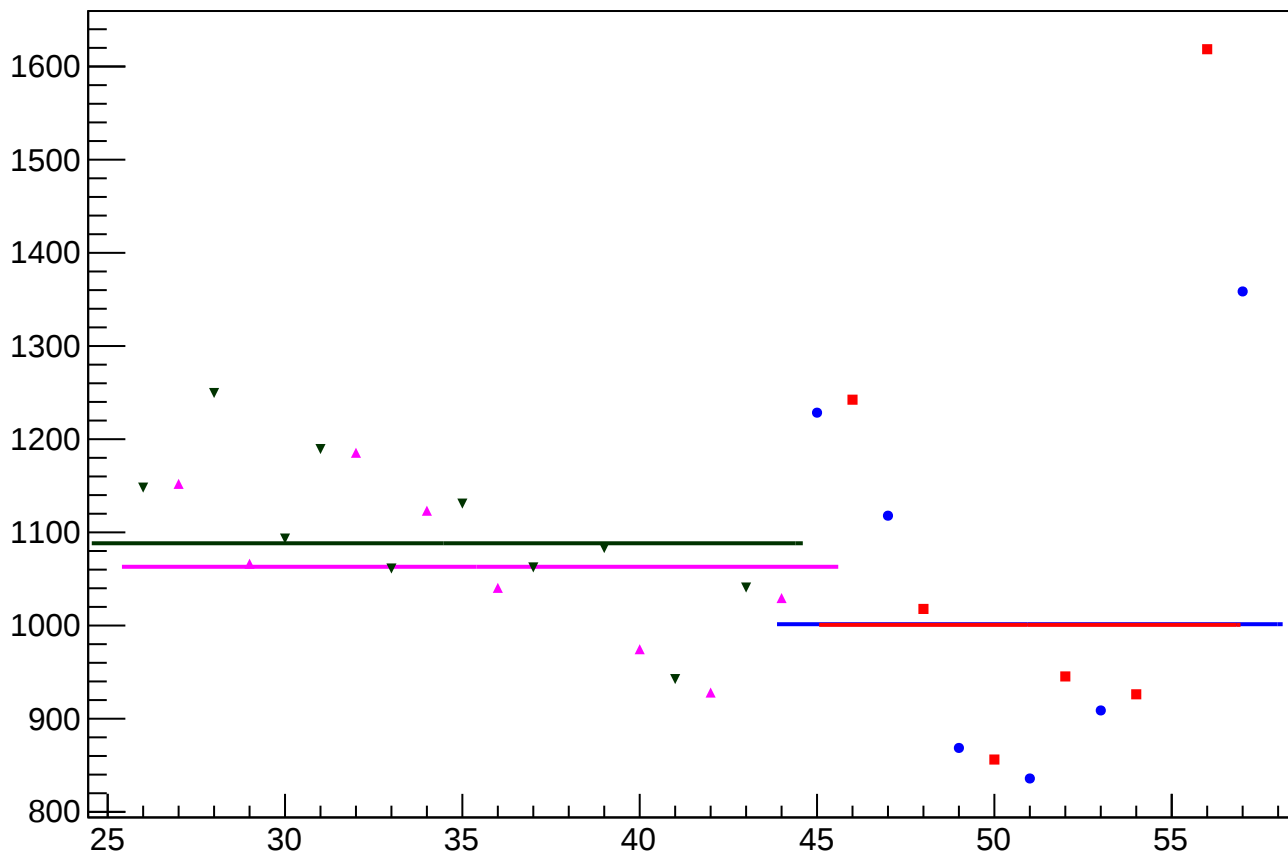
Right Out: -1405.277 $\pm$ 593.976 χ^2/NDF : 5.2/5

Left In: -150.701 $\pm$ 476.838 χ^2/NDF : 8.3/7

1155.195 $\pm$ 371.303 χ^2/NDF : 14.1/15

-642.372 $\pm$ 371.841 χ^2/NDF : 16.2/13

asym_atl1_rms vs slug



Right In: 1001.431 ± 0.411 χ^2/NDF : 181626.0/5

Left Out: 1088.294 ± 0.341 χ^2/NDF : 64214.9/9

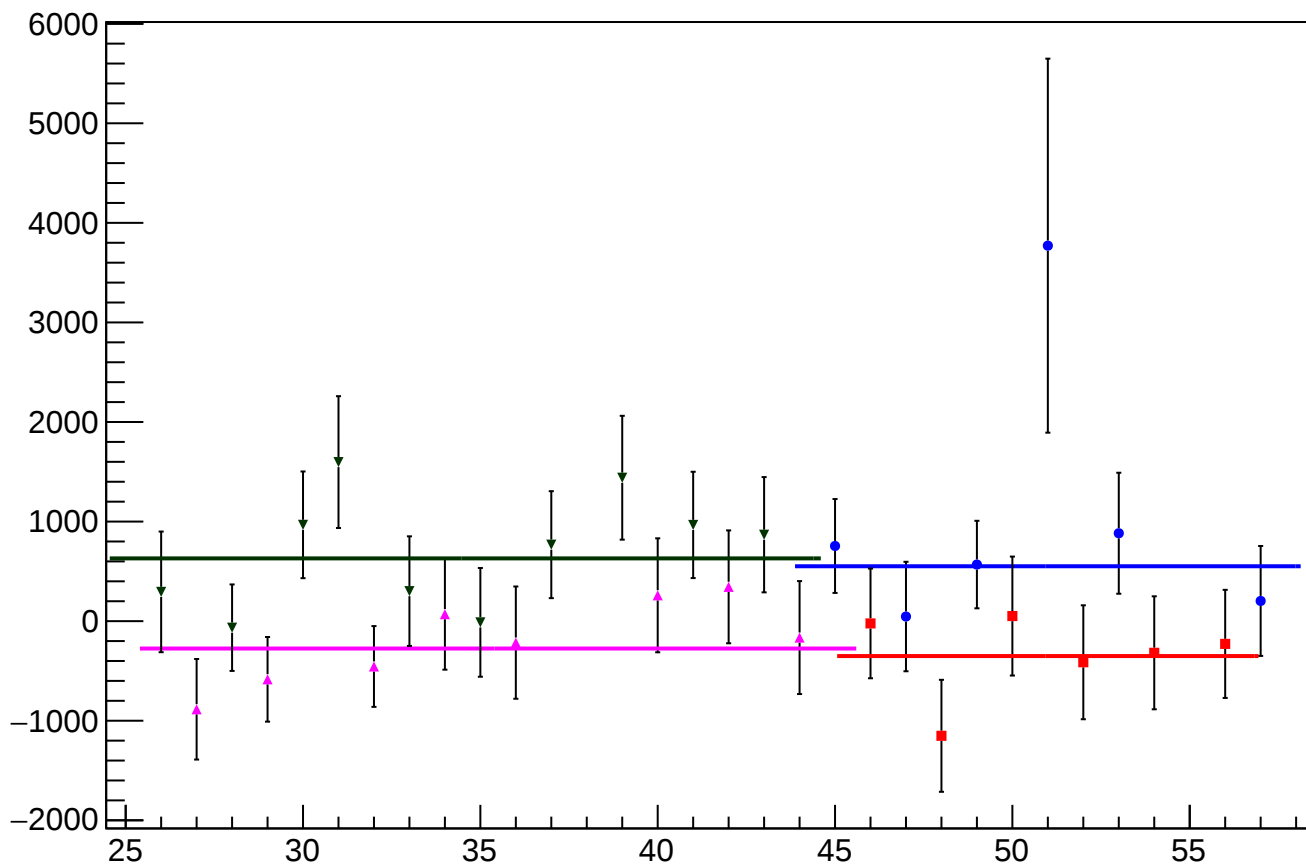
Right Out: 1000.750 ± 0.420 χ^2/NDF : 212412.8/5

Left In: 1063.060 ± 0.337 χ^2/NDF : 62842.0/7

1052.905 ± 0.263 χ^2/NDF : 272266.9/15

1038.641 ± 0.263 χ^2/NDF : 288638.6/13

reg_asym_atl2_mean vs slug



Right In: 551.290 ± 227.851 χ^2/NDF : 4.7/5

Left Out: 630.254 ± 174.091 χ^2/NDF : 9.5/9

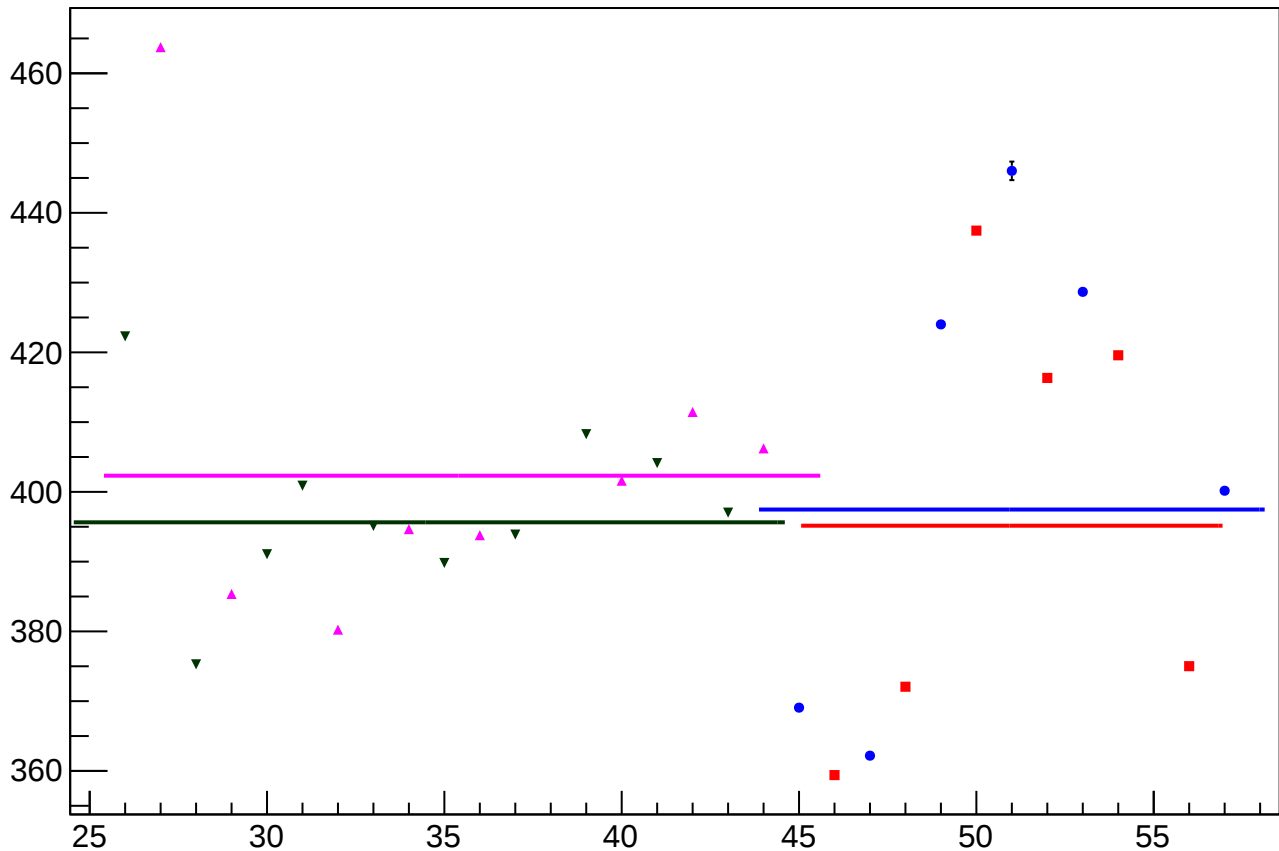
Right Out: -350.634 ± 230.536 χ^2/NDF : 2.9/5

Left In: -274.945 ± 179.112 χ^2/NDF : 4.7/7

601.148 ± 138.334 χ^2/NDF : 14.2/15

-303.436 ± 141.440 χ^2/NDF : 7.7/13

reg_asym_atl2_rms vs slug



Right In: 397.470 $\pm$ 0.161 χ^2 /NDF: 29454.5/5

Left Out: 395.636 $\pm$ 0.123 χ^2 /NDF:10131.9/9

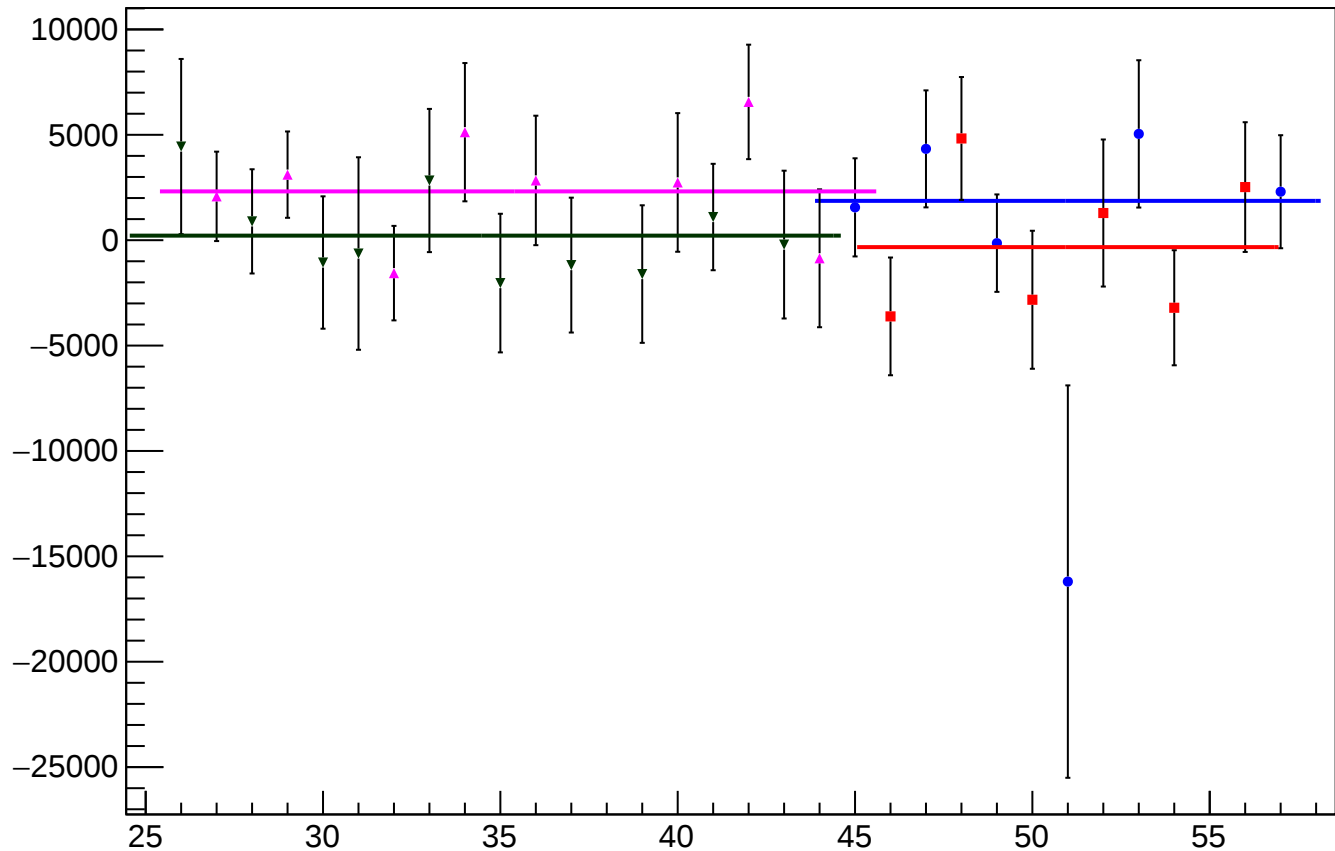
396.312 $\pm$ 0.098 χ^2 /NDF: 39668.2/15

Right Out: 395.152 $\pm$ 0.163 χ^2 /NDF: 31024.2/5

399.622 $\pm$ 0.100 χ^2 /NDF: 72376.9/13

Left In: 402.320 $\pm$ 0.127 χ^2 /NDF:40146.8/7

asym_atl2_correction_mean vs slug



Right In: 1865.898 ± 1167.246 χ^2/NDF : 6.2/5

Left Out: 216.258 ± 1010.244 χ^2/NDF : 3.0/9

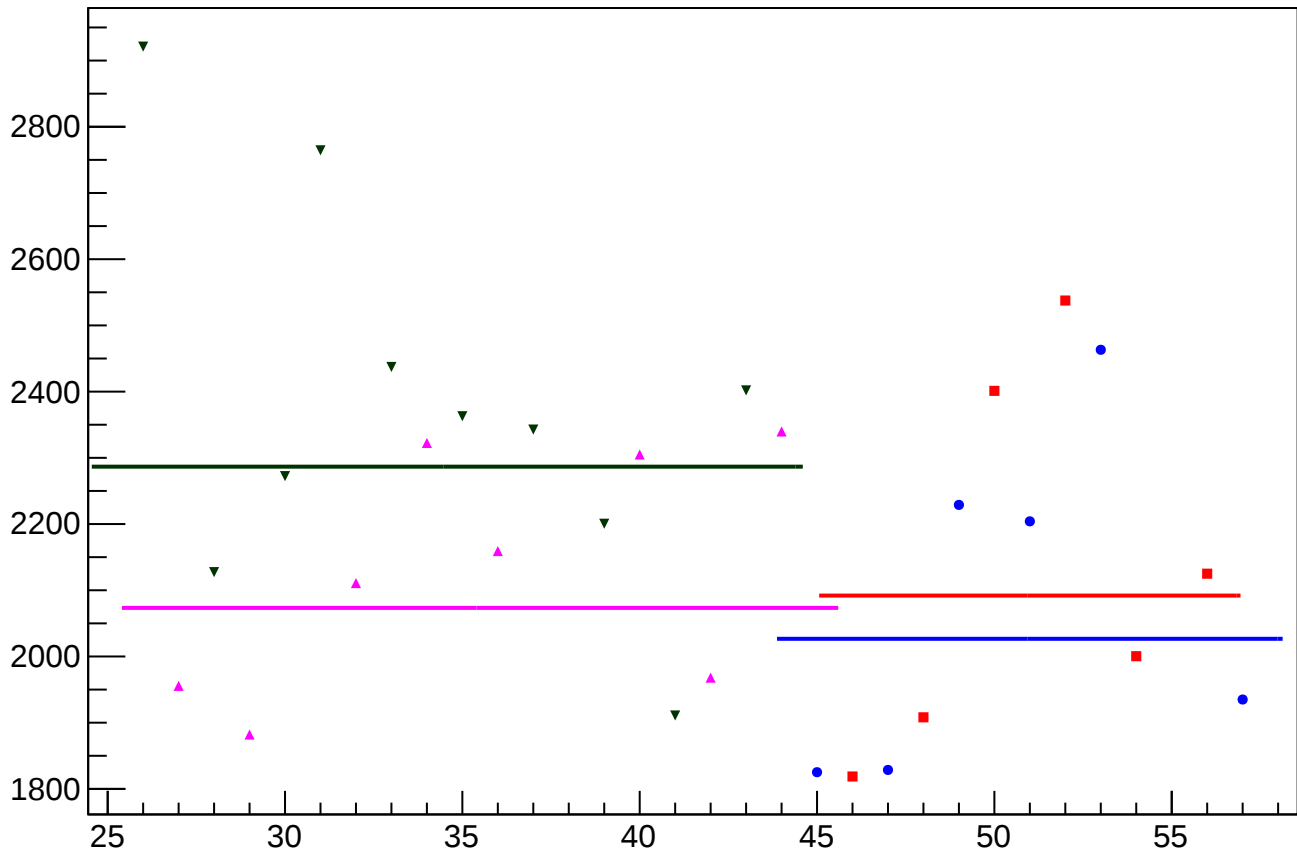
Right Out: -328.483 ± 1229.874 χ^2/NDF : 7.3/5

Left In: 2315.339 ± 920.569 χ^2/NDF : 7.3/7

922.750 ± 763.874 χ^2/NDF : 10.3/15

1365.989 ± 736.983 χ^2/NDF : 17.6/13

asym_atl2_correction_rms vs slug



Right In: 2026.695+/-0.825 χ^2/NDF : 74739.9/5

Left Out: 2286.677+/-0.714 χ^2/NDF :130336.9/9

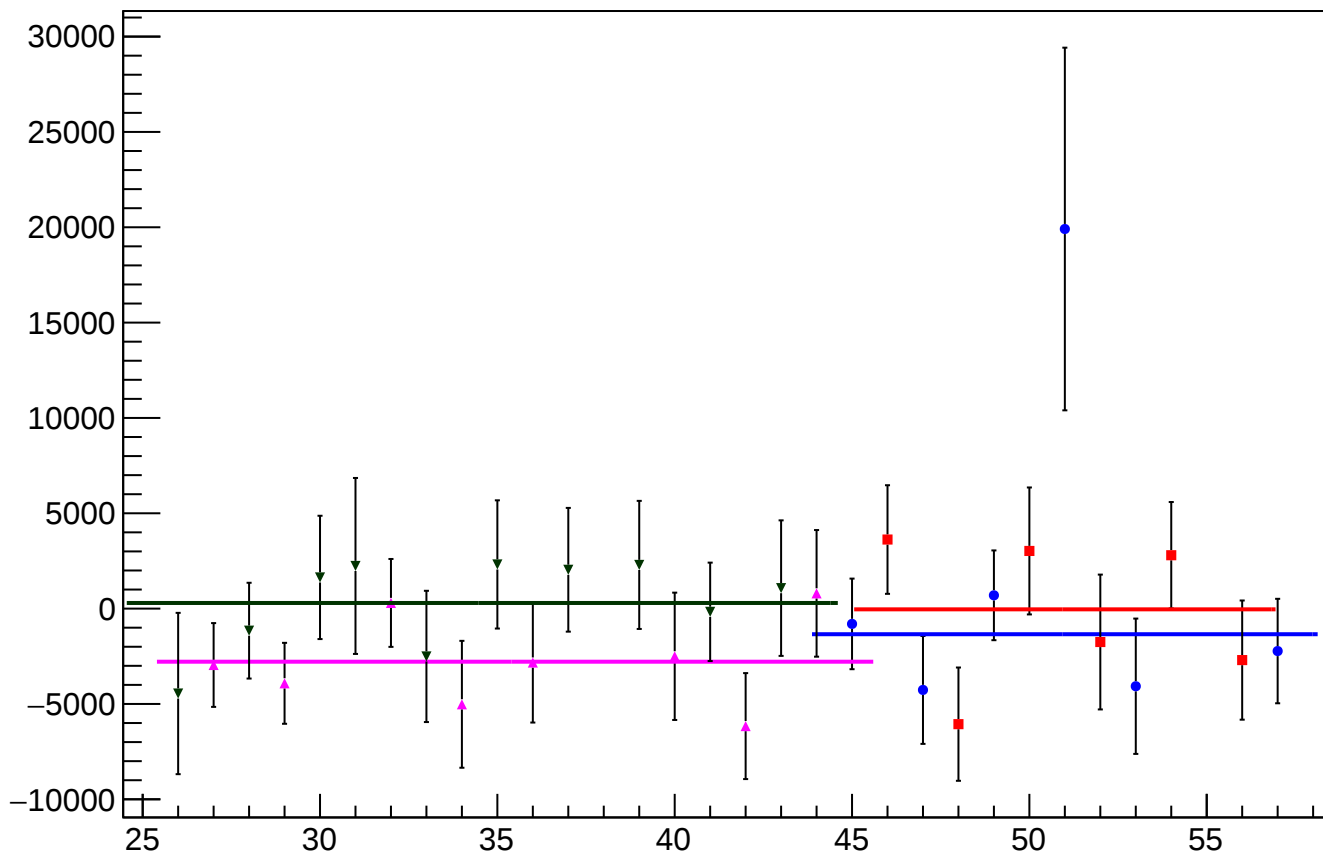
2175.334+/-0.540 χ^2/NDF : 261802.8/15

Right Out: 2091.962+/-0.870 χ^2/NDF : 80039.2/5

2080.057+/-0.521 χ^2/NDF : 143788.9/13

Left In: 2073.386+/-0.651 χ^2/NDF :63457.3/7

asym_atl2_mean vs slug



Right In: -1342.822 $\pm$ 1189.870 χ^2/NDF : 7.6/5

Left Out: 296.079 $\pm$ 1029.874 χ^2/NDF : 3.7/9

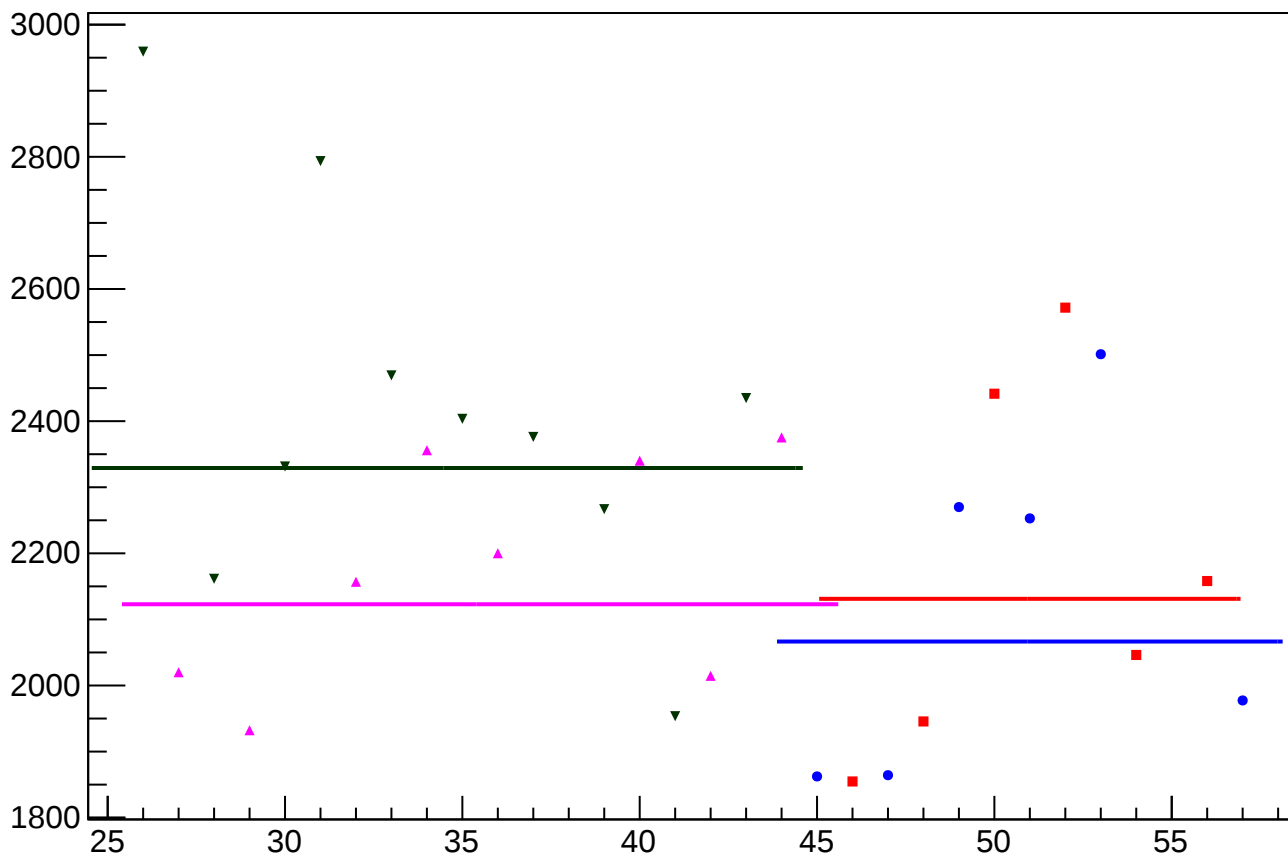
Right Out: -37.892 $\pm$ 1252.326 χ^2/NDF : 8.6/5

Left In: -2784.125 $\pm$ 945.556 χ^2/NDF : 5.2/7

-405.853 $\pm$ 778.700 χ^2/NDF : 12.3/15

-1786.991 $\pm$ 754.615 χ^2/NDF : 16.8/13

asym_atl2_rms vs slug



Right In: 2066.546+/-0.841 χ^2/NDF : 72839.9/5

Left Out: 2329.125+/-0.728 χ^2/NDF :123081.1/9

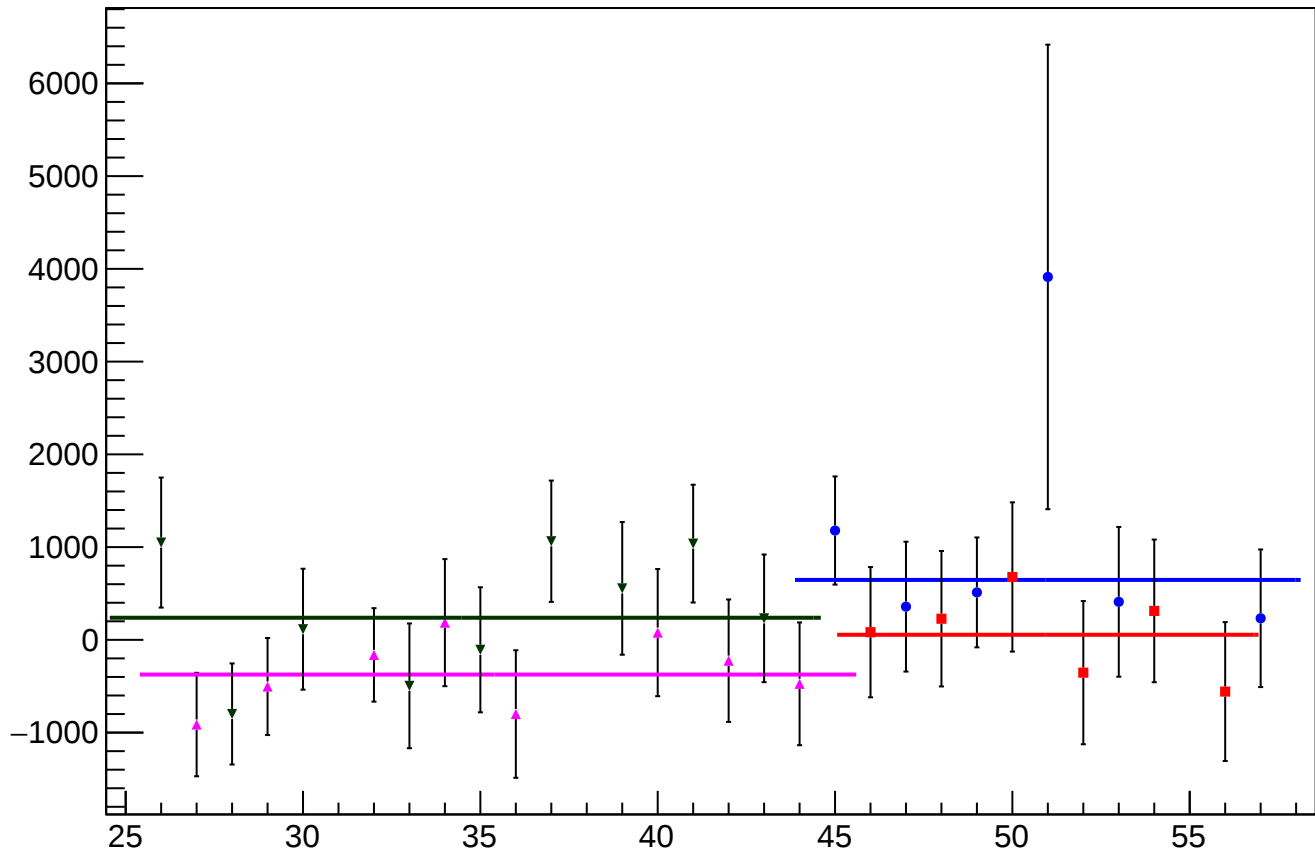
Right Out: 2131.160+/-0.886 χ^2/NDF : 77081.9/5

Left In: 2122.943+/-0.669 χ^2/NDF :55037.1/7

2216.664+/-0.551 χ^2/NDF : 251604.2/15

2125.926+/-0.534 χ^2/NDF : 132173.8/13

reg_asym_atr1_mean vs slug



Right In: 646.273+/-296.985 χ^2/NDF : 3.2/5

Left Out: 238.372+/-217.936 χ^2/NDF : 9.8/8

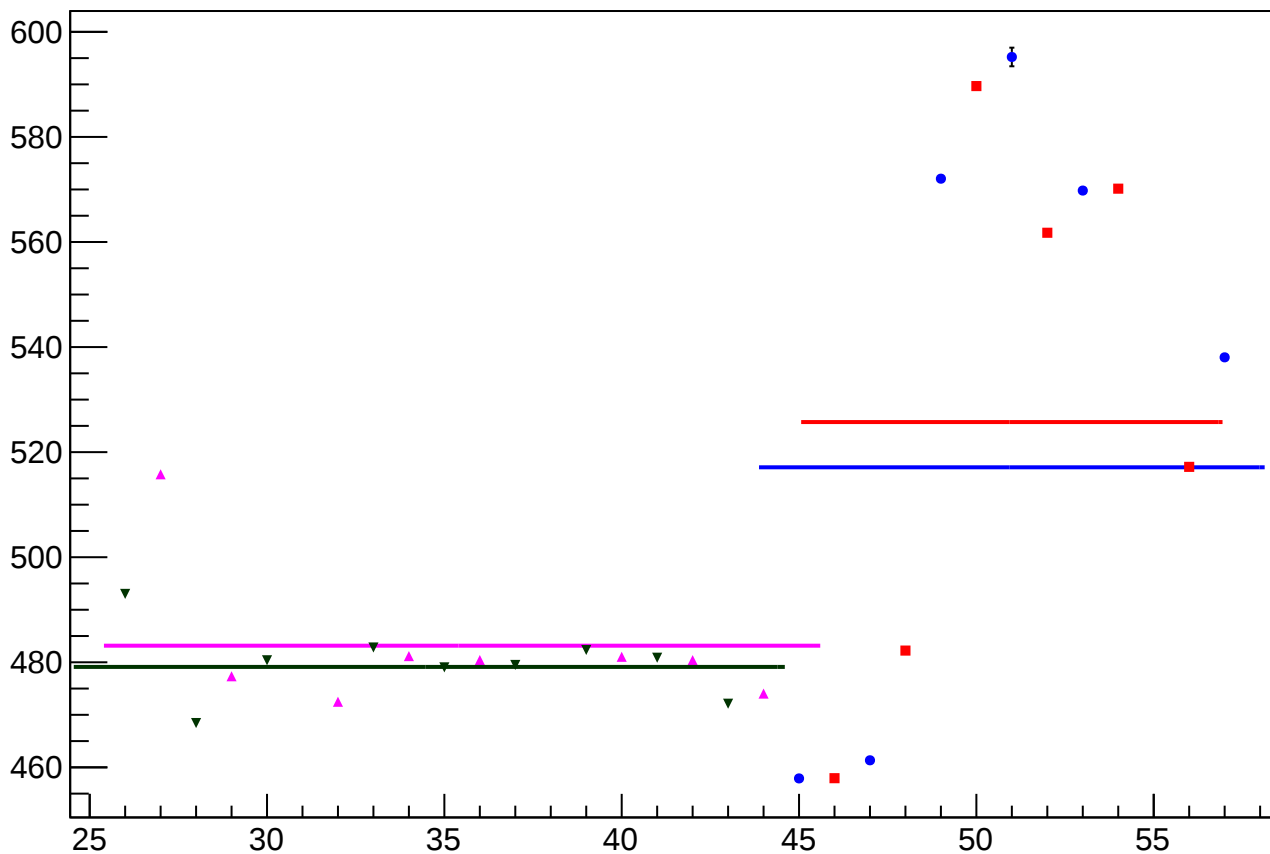
Right Out: 54.806+/-307.101 χ^2/NDF : 1.7/5

Left In: -374.119+/-214.392 χ^2/NDF : 2.7/7

381.144+/-175.703 χ^2/NDF : 14.2/14

-233.573+/-175.792 χ^2/NDF : 5.8/13

reg_asym_atr1_rms vs slug



Right In: 517.115 $\pm$ 0.210 χ^2 /NDF: 62550.3/5

Left Out: 479.120 $\pm$ 0.154 χ^2 /NDF:1886.5/8

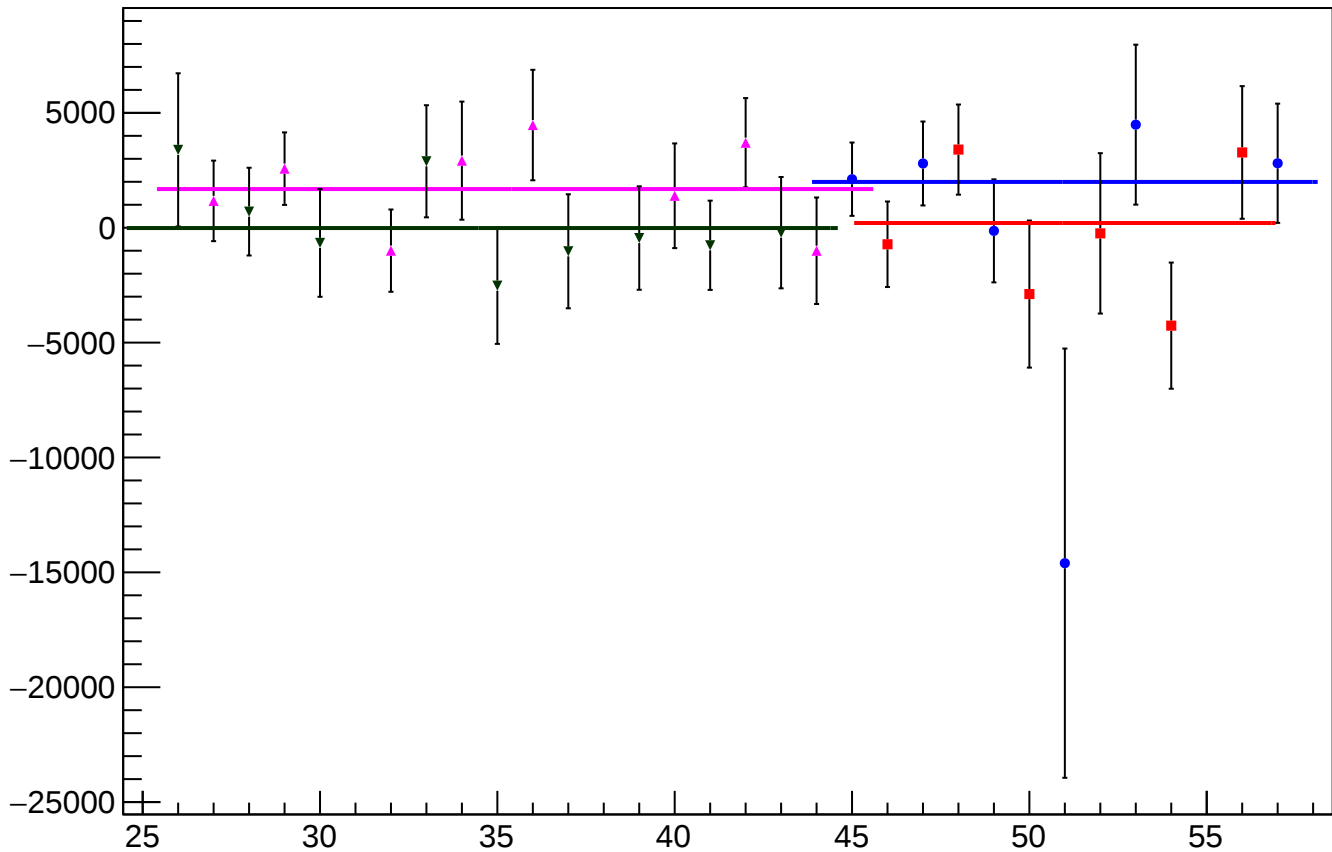
Right Out: 525.727 $\pm$ 0.217 χ^2 /NDF: 49675.0/5

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF:8470.0/7

492.418 $\pm$ 0.124 χ^2 /NDF: 85714.2/14

497.108 $\pm$ 0.124 χ^2 /NDF: 83979.2/13

asym_atr1_correction_mean vs slug



Right In: 1994.132 $\pm$ 939.101 χ^2 /NDF: 4.9/5

Left Out: -13.564 $\pm$ 775.077 χ^2 /NDF: 4.0/8

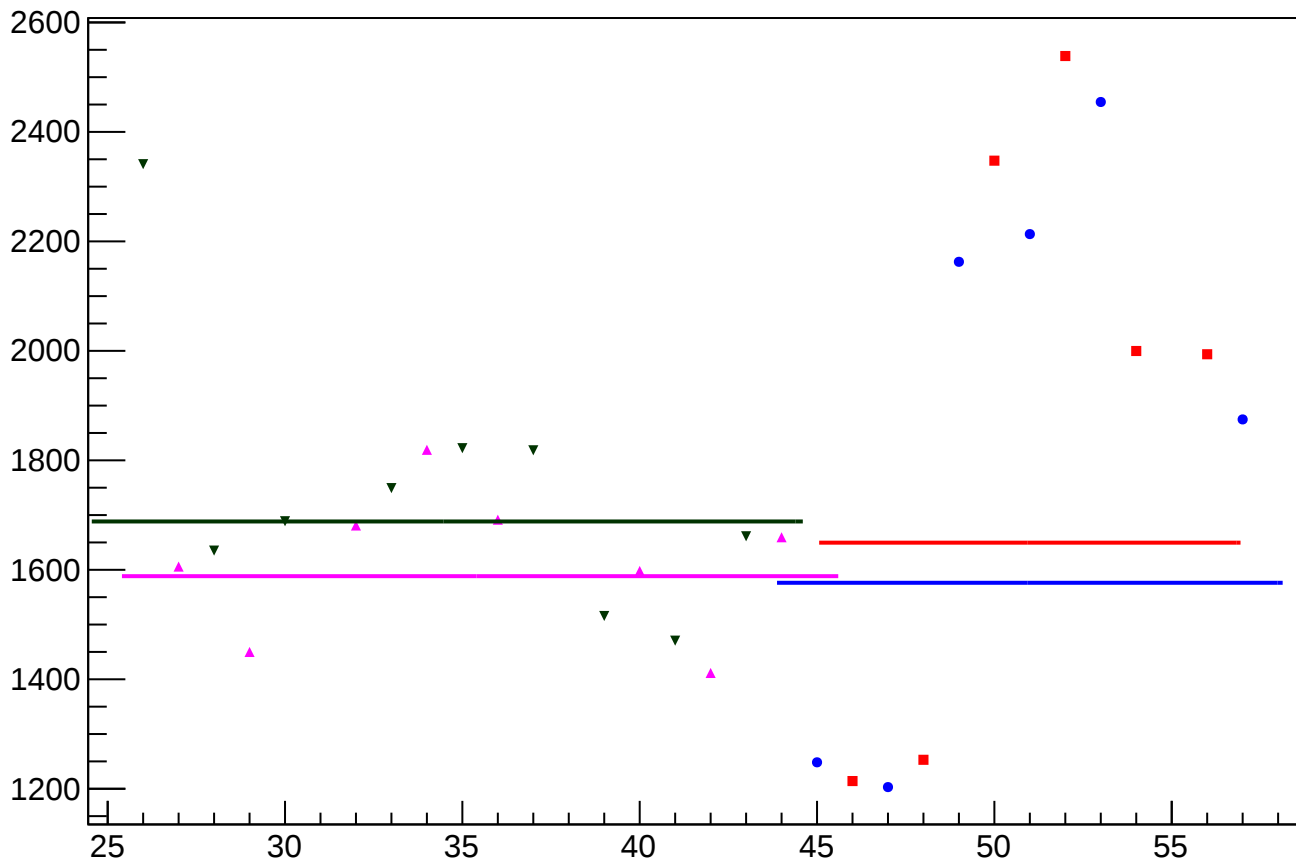
Right Out: 206.131 $\pm$ 1009.698 χ^2 /NDF: 7.6/5

Left In: 1683.939 $\pm$ 705.940 χ^2 /NDF: 6.7/7

799.916 $\pm$ 597.774 χ^2 /NDF: 11.6/14

1198.732 $\pm$ 578.557 χ^2 /NDF: 15.7/13

asym_atr1_correction_rms vs slug



Right In: 1576.307+/-0.664 χ^2/NDF : 467869.4/5

Left Out: 1688.324+/-0.548 χ^2/NDF :127706.3/8

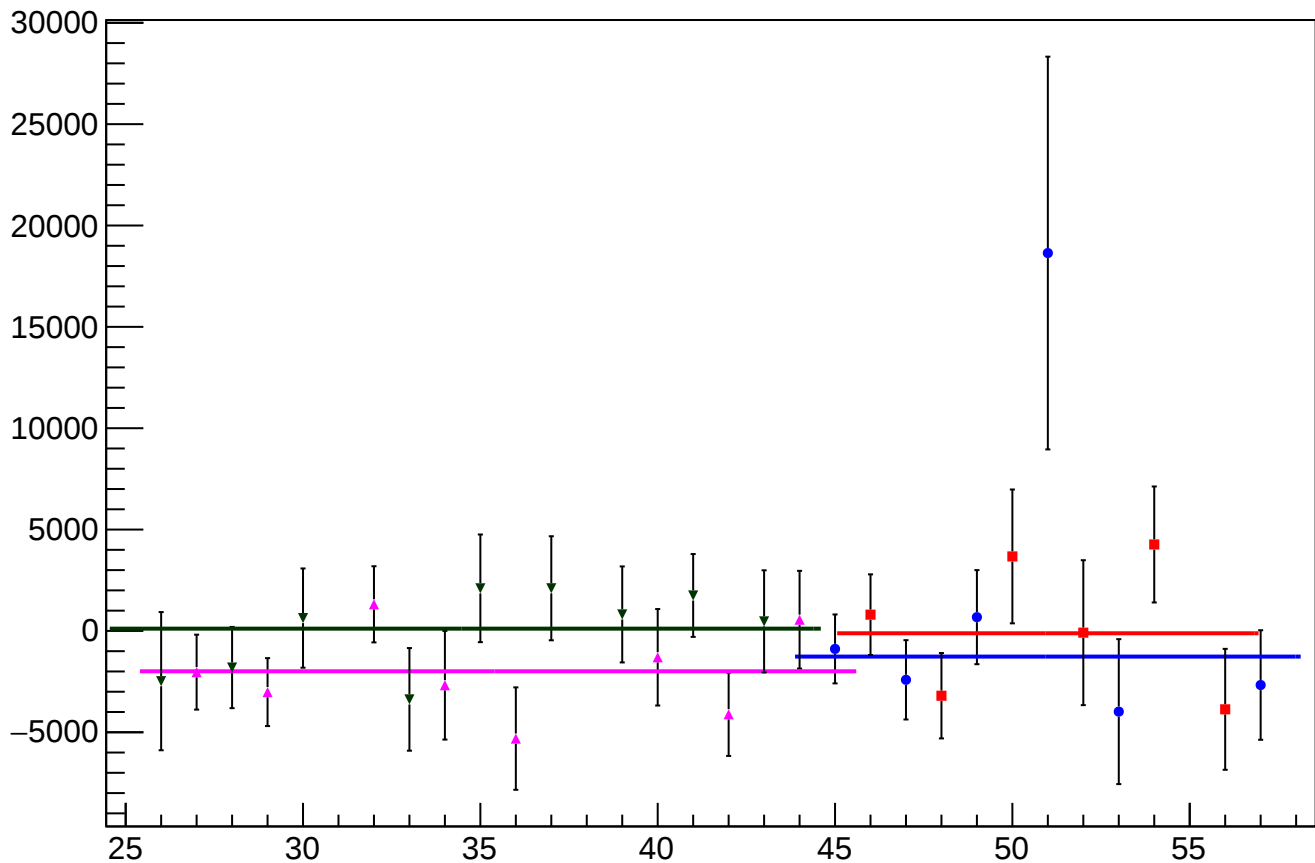
1642.937+/-0.423 χ^2/NDF : 612501.7/14

Right Out: 1649.603+/-0.714 χ^2/NDF : 477075.1/5

1608.489+/-0.409 χ^2/NDF : 541239.8/13

Left In: 1588.391+/-0.499 χ^2/NDF :59227.6/7

asym_atr1_mean vs slug



Right In: -1266.107 ± 990.757 χ^2/NDF : 6.2/5

Left Out: 112.152 ± 809.295 χ^2/NDF : 5.4/8

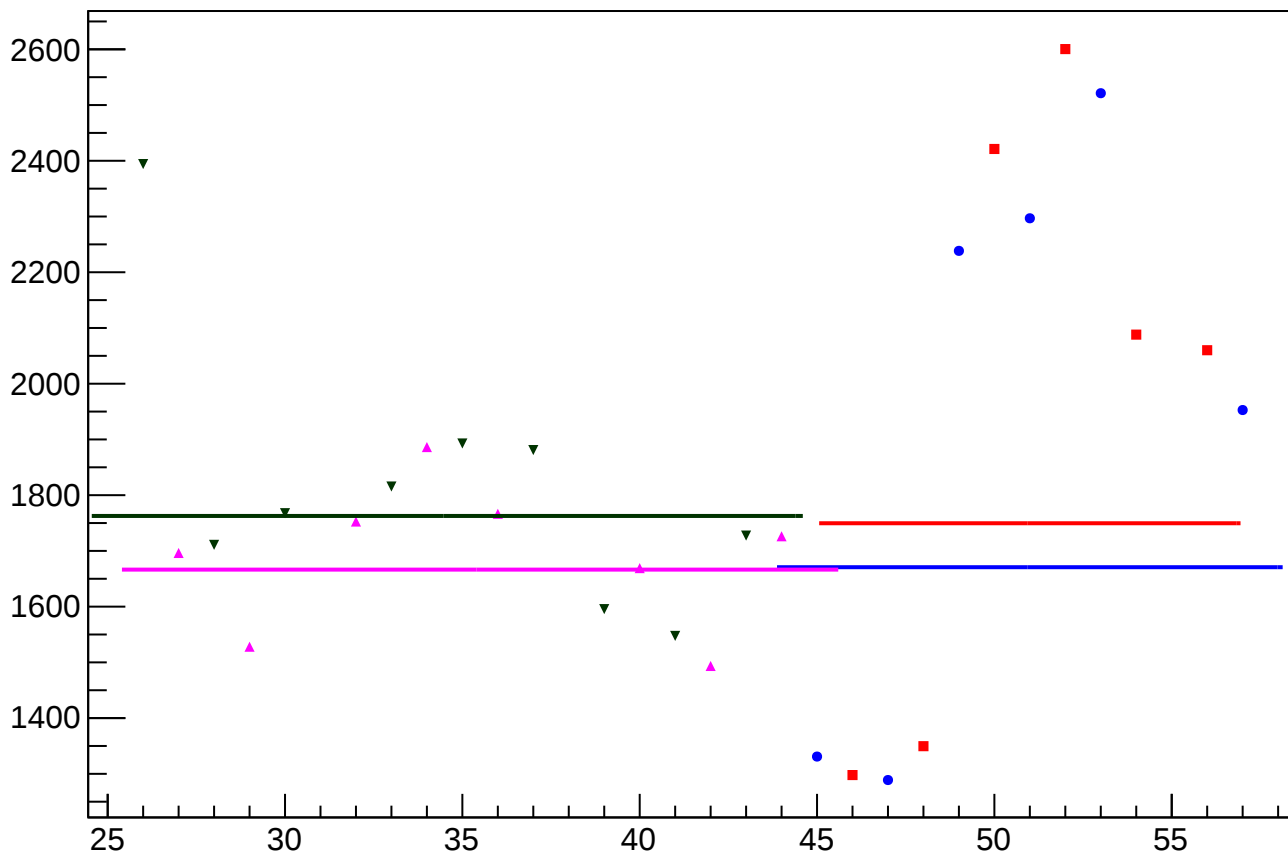
Right Out: -116.037 ± 1064.292 χ^2/NDF : 7.6/5

Left In: -1991.664 ± 742.563 χ^2/NDF : 7.5/7

-439.434 ± 626.770 χ^2/NDF : 12.7/14

-1377.562 ± 608.987 χ^2/NDF : 17.2/13

asym_atr1_rms vs slug



Right In: 1670.755 $\pm$ 0.701 χ^2 /NDF: 419056.1/5

Left Out: 1762.716 $\pm$ 0.572 χ^2 /NDF:112433.4/8

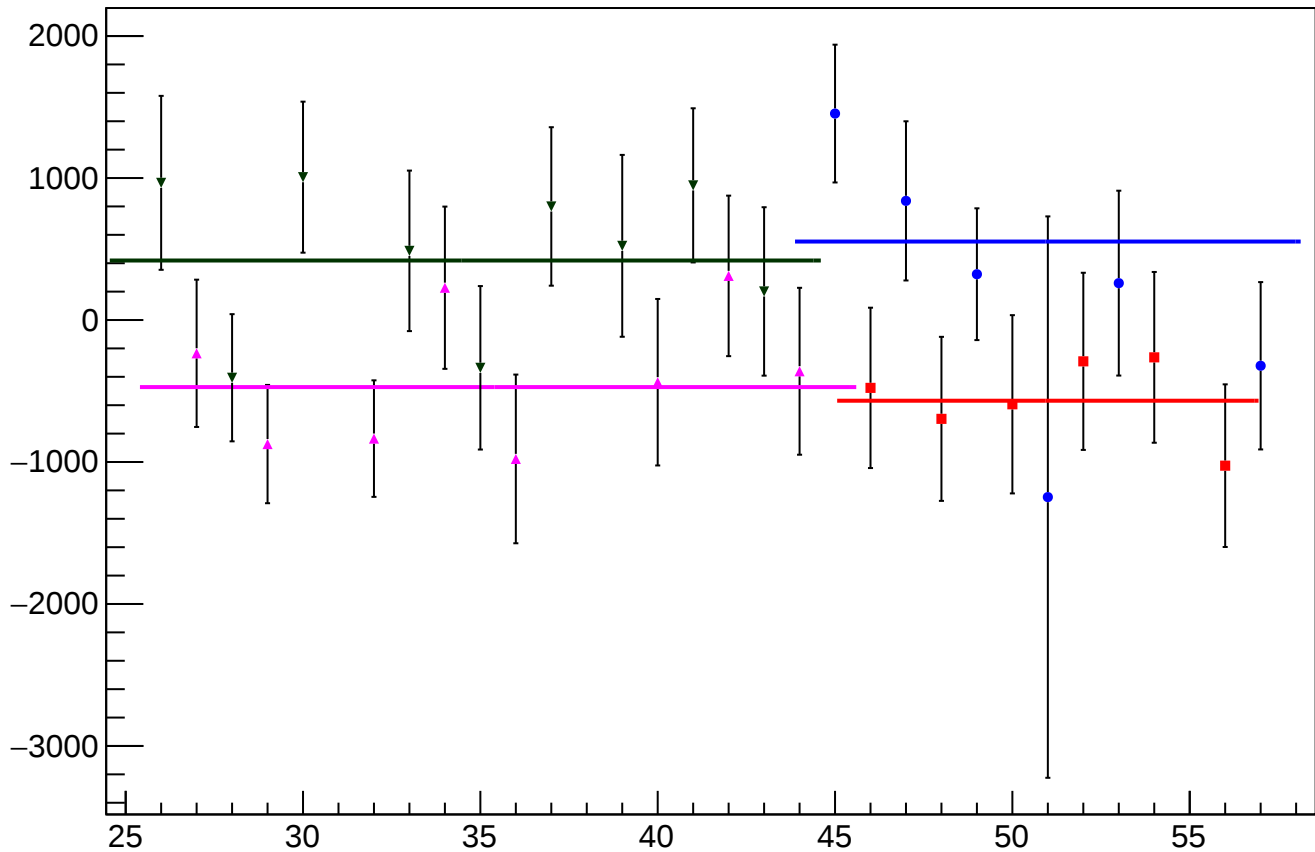
Right Out: 1749.622 $\pm$ 0.753 χ^2 /NDF: 421041.8/5

Left In: 1666.436 $\pm$ 0.525 χ^2 /NDF:50358.5/7

1725.913 $\pm$ 0.443 χ^2 /NDF: 541824.5/14

1693.672 $\pm$ 0.431 χ^2 /NDF: 479618.1/13

reg_asym_atr2_mean vs slug



Right In: 552.712 ± 238.581 χ^2/NDF : 7.2/5

Left Out: 419.150 ± 185.000 χ^2/NDF : 8.7/8

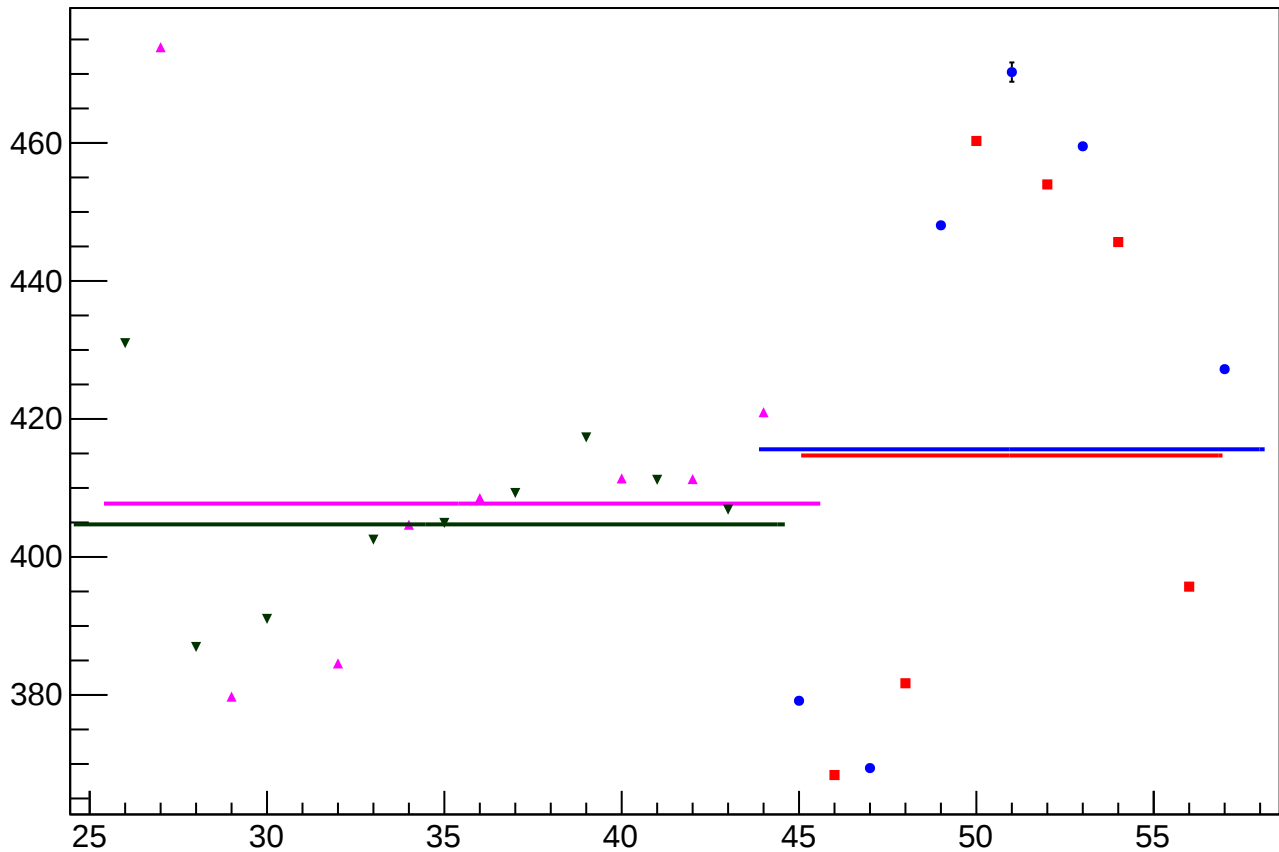
Right Out: -568.394 ± 242.163 χ^2/NDF : 1.2/5

Left In: -472.383 ± 181.829 χ^2/NDF : 6.1/7

469.302 ± 146.197 χ^2/NDF : 16.1/14

-506.998 ± 145.404 χ^2/NDF : 7.4/13

reg_asym_atr2_rms vs slug



Right In: 415.604 $\pm$ 0.169 χ^2 /NDF: 46057.4/5

Left Out: 404.722 $\pm$ 0.131 χ^2 /NDF: 9396.7/8

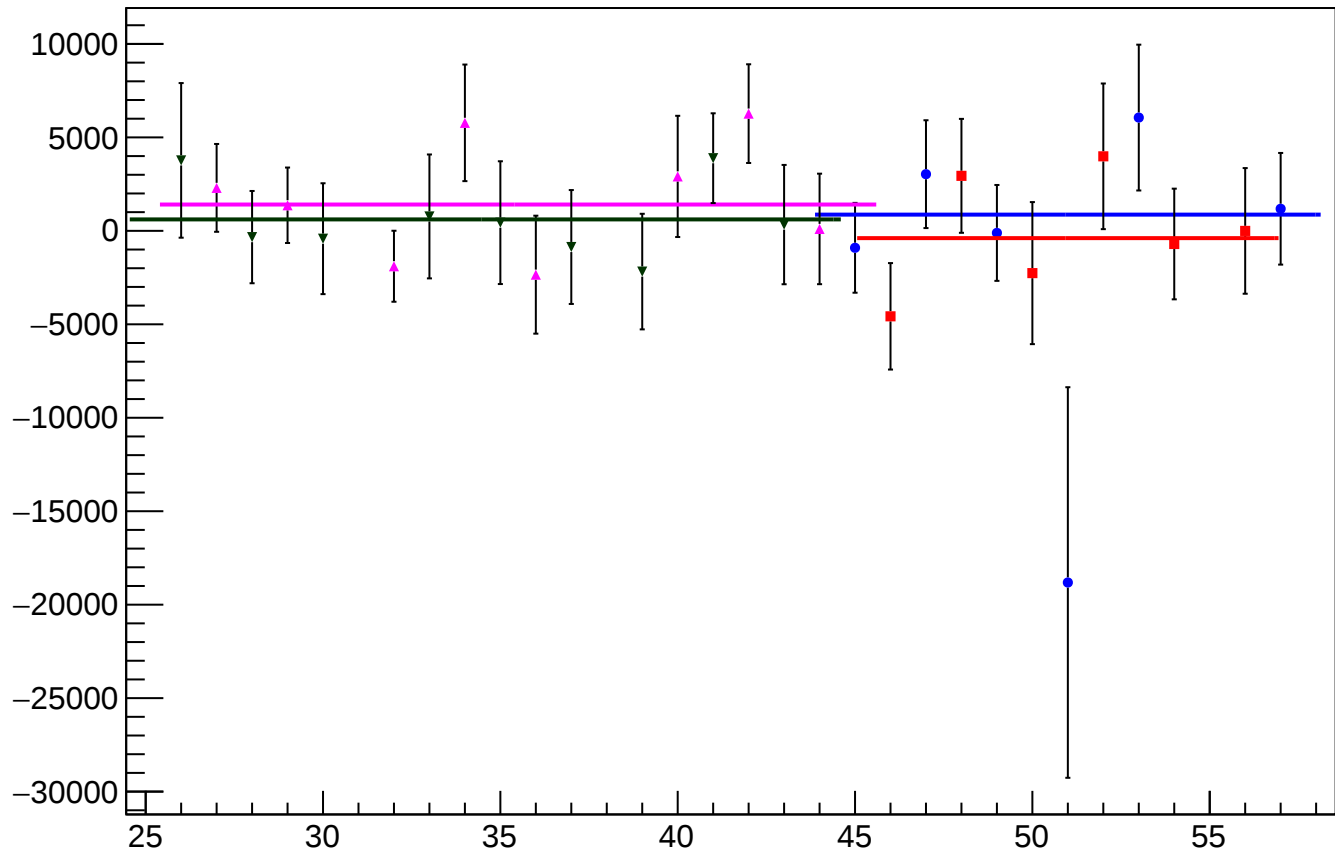
Right Out: 414.710 $\pm$ 0.171 χ^2 /NDF: 45950.5/5

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.5/7

408.808 $\pm$ 0.103 χ^2 /NDF: 58052.4/14

410.251 $\pm$ 0.103 χ^2 /NDF: 96147.3/13

asym_atr2_correction_mean vs slug



Right In: 868.143+/-1257.556 χ^2/NDF : 6.6/5

Left Out: 611.983+/-998.079 χ^2/NDF : 3.8/8

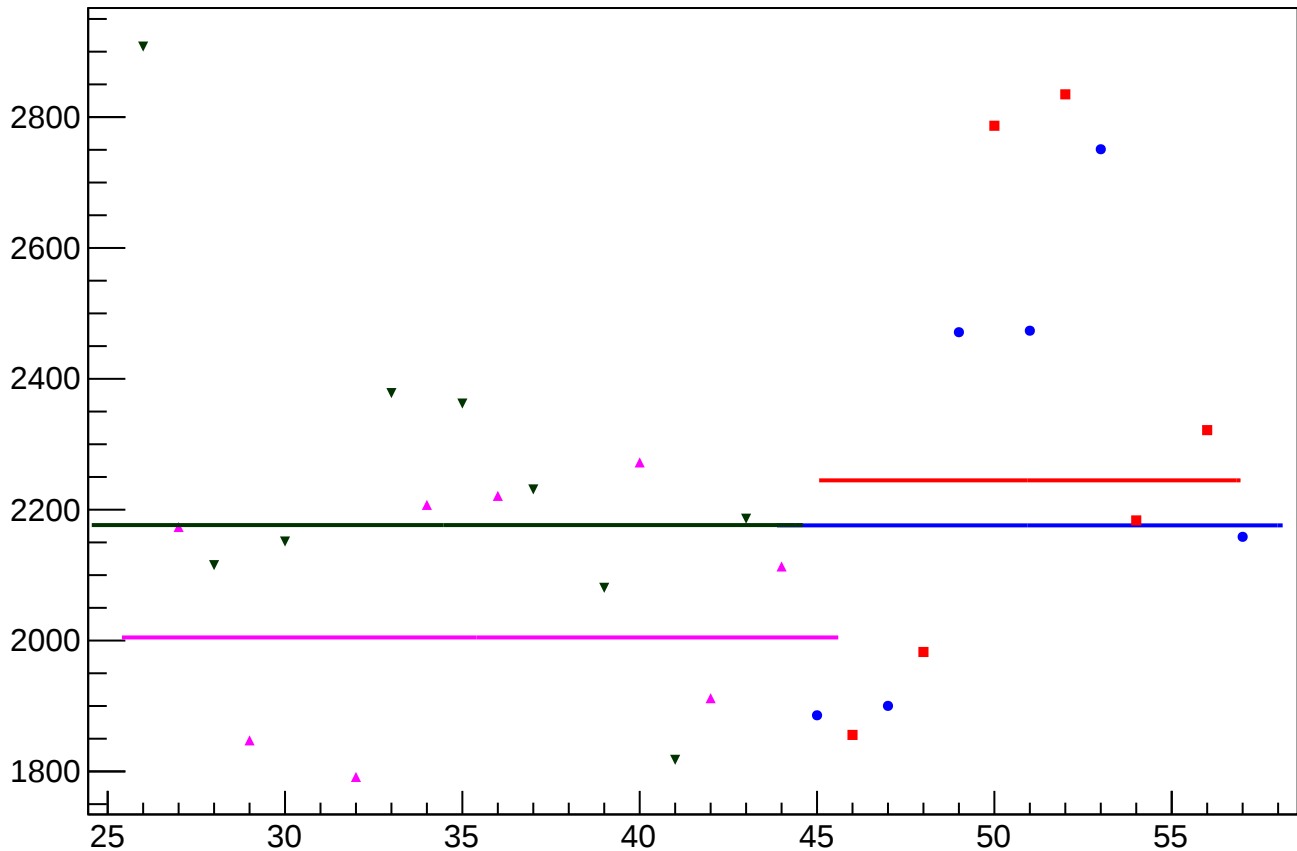
Right Out: -389.495+/-1326.081 χ^2/NDF : 4.9/5

Left In: 1408.067+/-890.882 χ^2/NDF : 10.3/7

710.981+/-781.779 χ^2/NDF : 10.4/14

849.062+/-739.496 χ^2/NDF : 16.5/13

asym_atr2_correction_rms vs slug



Right In: 2176.031+/-0.889 χ^2/NDF : 119095.9/5

Left Out: 2176.497+/-0.706 χ^2/NDF : 124899.3/8

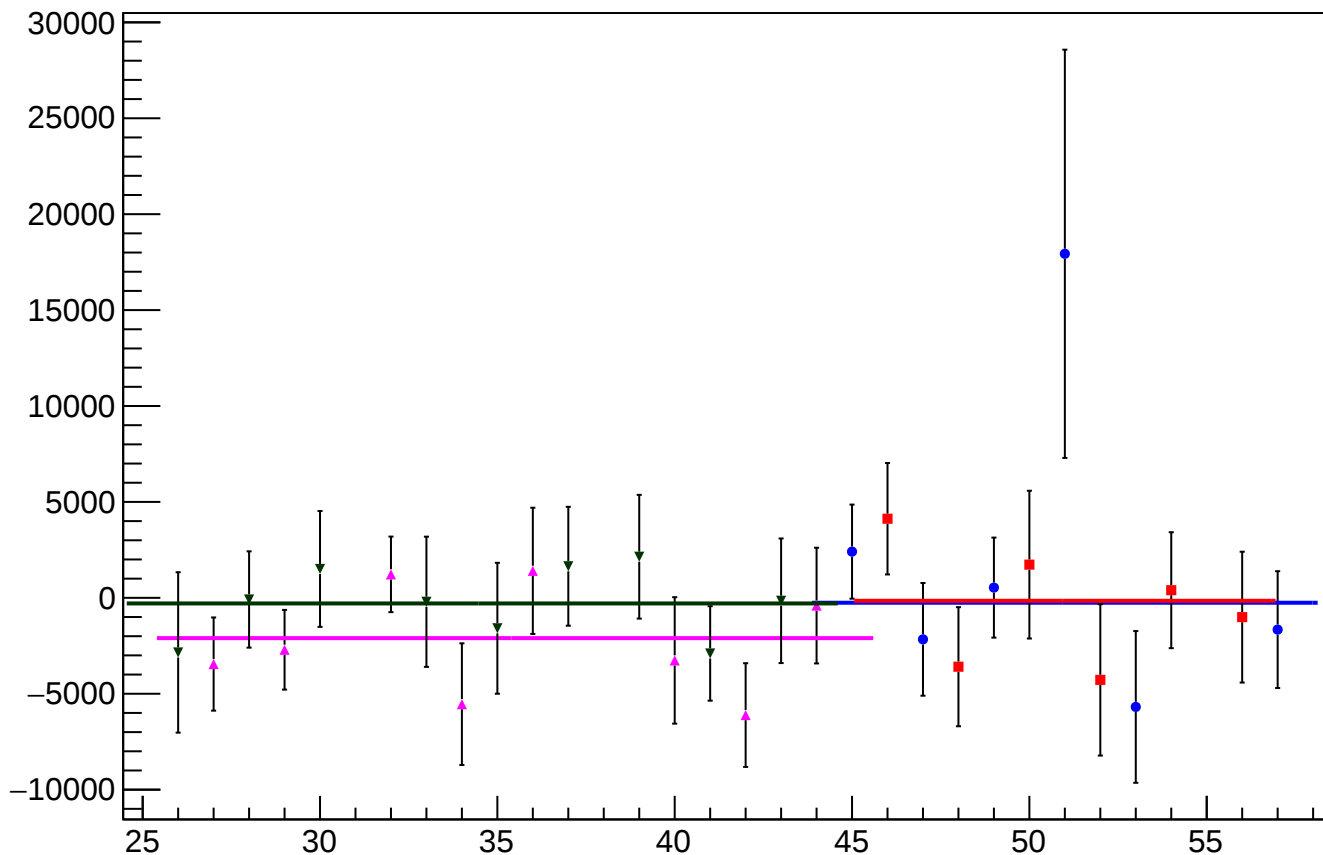
Right Out: 2244.830+/-0.938 χ^2/NDF : 140573.4/5

Left In: 2004.754+/-0.630 χ^2/NDF : 84278.5/7

2176.317+/-0.553 χ^2/NDF : 243995.4/14

2079.413+/-0.523 χ^2/NDF : 270018.8/13

asym_atr2_mean vs slug



Right In: -255.493+/-1280.733 χ^2/NDF : 6.7/5

Left Out: -292.554+/-1021.514 χ^2/NDF : 3.0/8

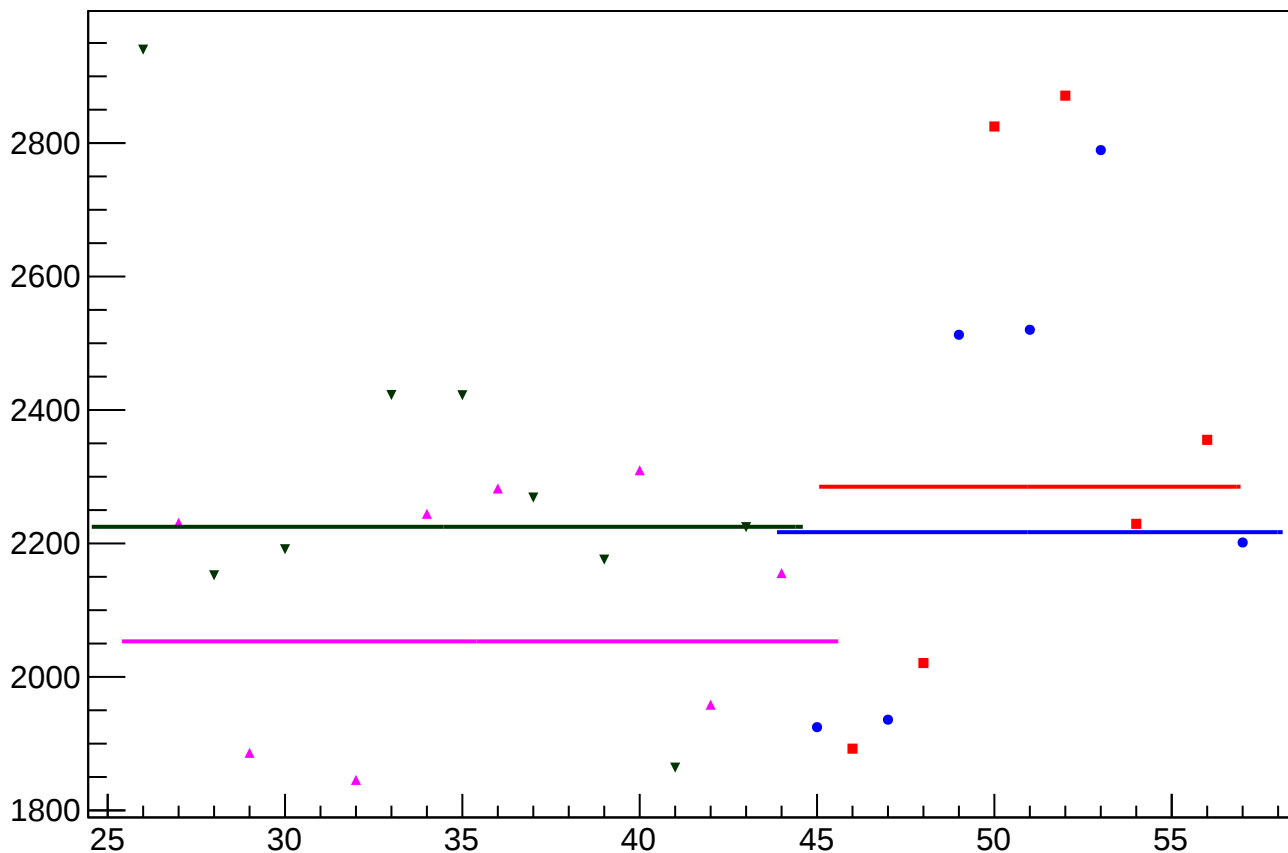
Right Out: -153.950+/-1349.066 χ^2/NDF : 4.8/5

Left In: -2100.632+/-916.751 χ^2/NDF : 8.2/7

-278.144+/-798.602 χ^2/NDF : 9.7/14

-1485.669+/-758.246 χ^2/NDF : 14.4/13

asym_atr2_rms vs slug



Right In: 2216.912 ± 0.906 χ^2/NDF : 116006.2/5

Left Out: 2224.962 ± 0.722 χ^2/NDF : 117664.9/8

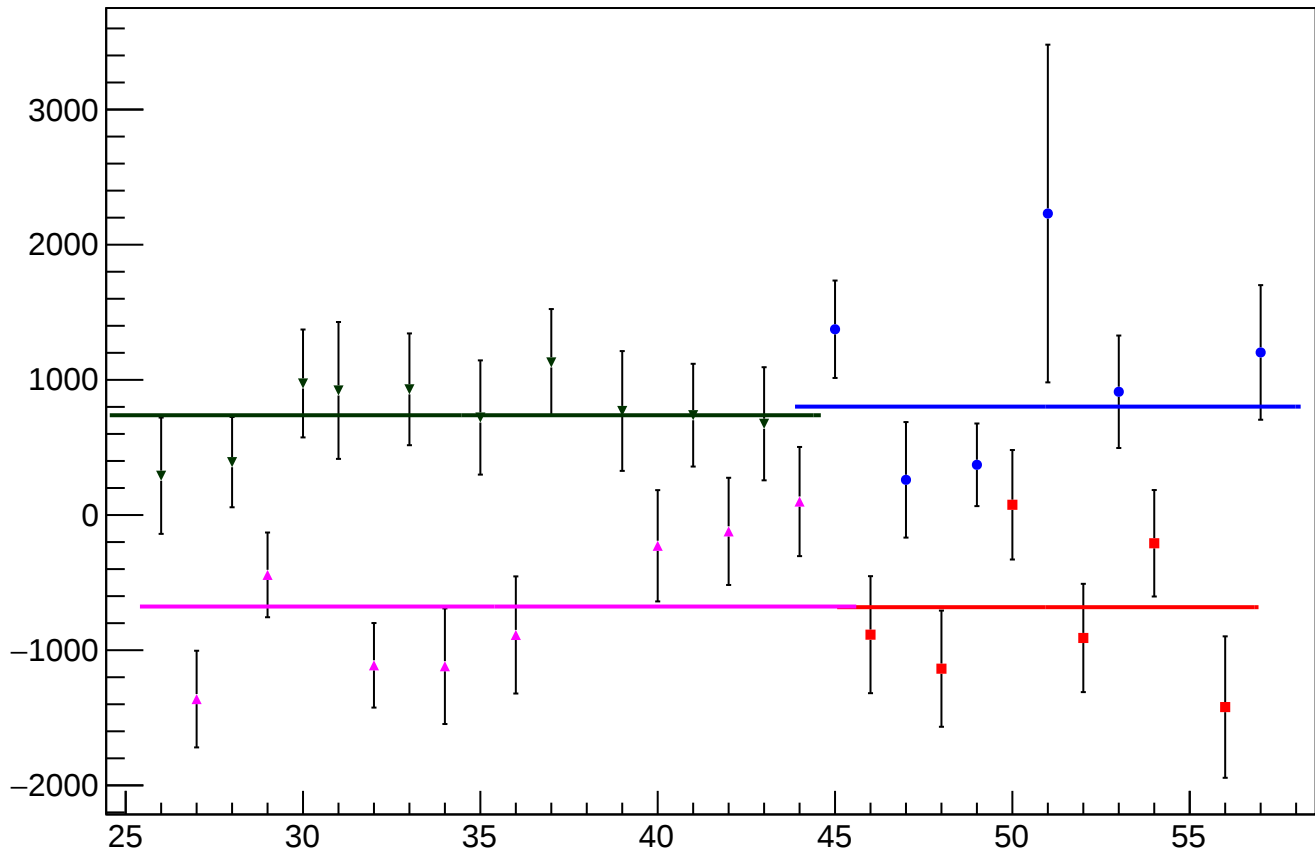
Right Out: 2285.032 ± 0.954 χ^2/NDF : 135958.0/5

Left In: 2053.263 ± 0.648 χ^2/NDF : 79708.2/7

2221.832 ± 0.565 χ^2/NDF : 233719.3/14

2126.480 ± 0.536 χ^2/NDF : 256048.8/13

reg_asym_atl_avg_mean vs slug



Right In: 802.111+/-170.665 χ^2/NDF : 8.1/5

Left Out: 738.316+/-128.954 χ^2/NDF : 3.9/9

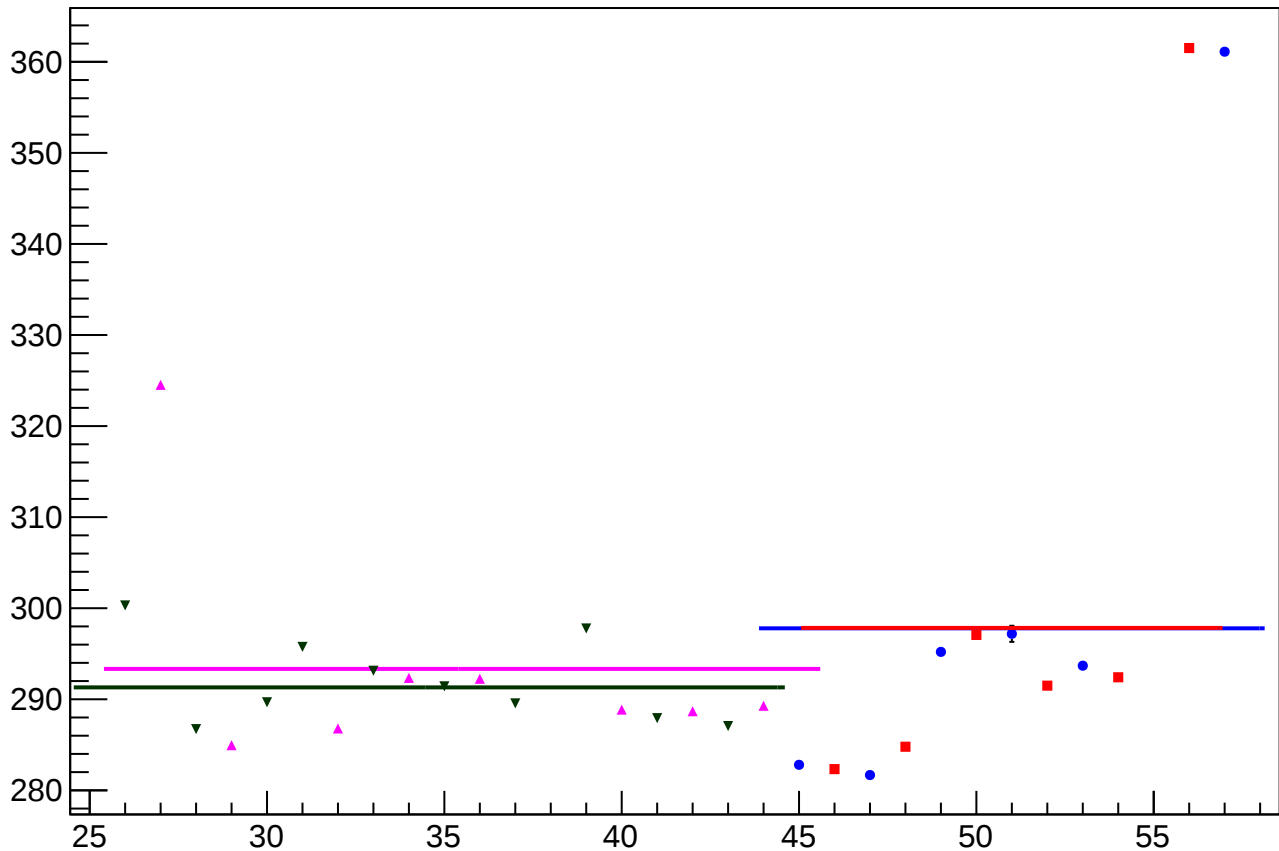
Right Out: -681.732+/-173.606 χ^2/NDF : 8.6/5

Left In: -676.938+/-131.978 χ^2/NDF : 14.3/7

761.501+/-102.886 χ^2/NDF : 12.1/15

-678.694+/-105.065 χ^2/NDF : 22.9/13

reg_asym_atl_avg_rms vs slug



Right In: 297.791 ± 0.121 χ^2/NDF : 38981.2/5

Left Out: 291.305 ± 0.091 χ^2/NDF : 2308.5/9

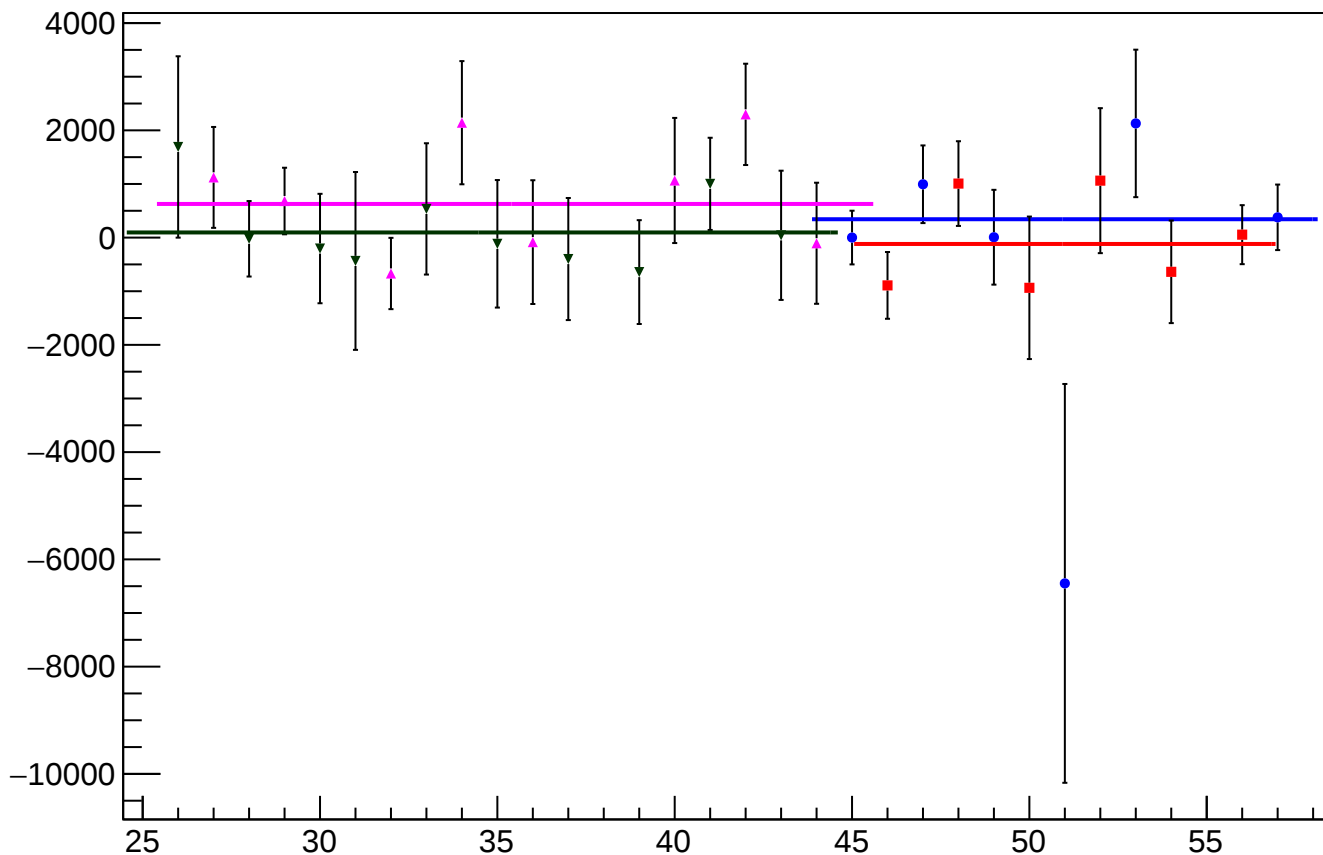
293.662 ± 0.073 χ^2/NDF : 43128.2/15

Right Out: 297.837 ± 0.123 χ^2/NDF : 34915.6/5

294.984 ± 0.074 χ^2/NDF : 54023.6/13

Left In: 293.335 ± 0.093 χ^2/NDF : 18255.8/7

asym_atl_avg_correction_mean vs slug



Right In: 342.495+/-309.212 χ^2/NDF : 6.4/5

Left Out: 95.958+/-334.285 χ^2/NDF : 3.2/9

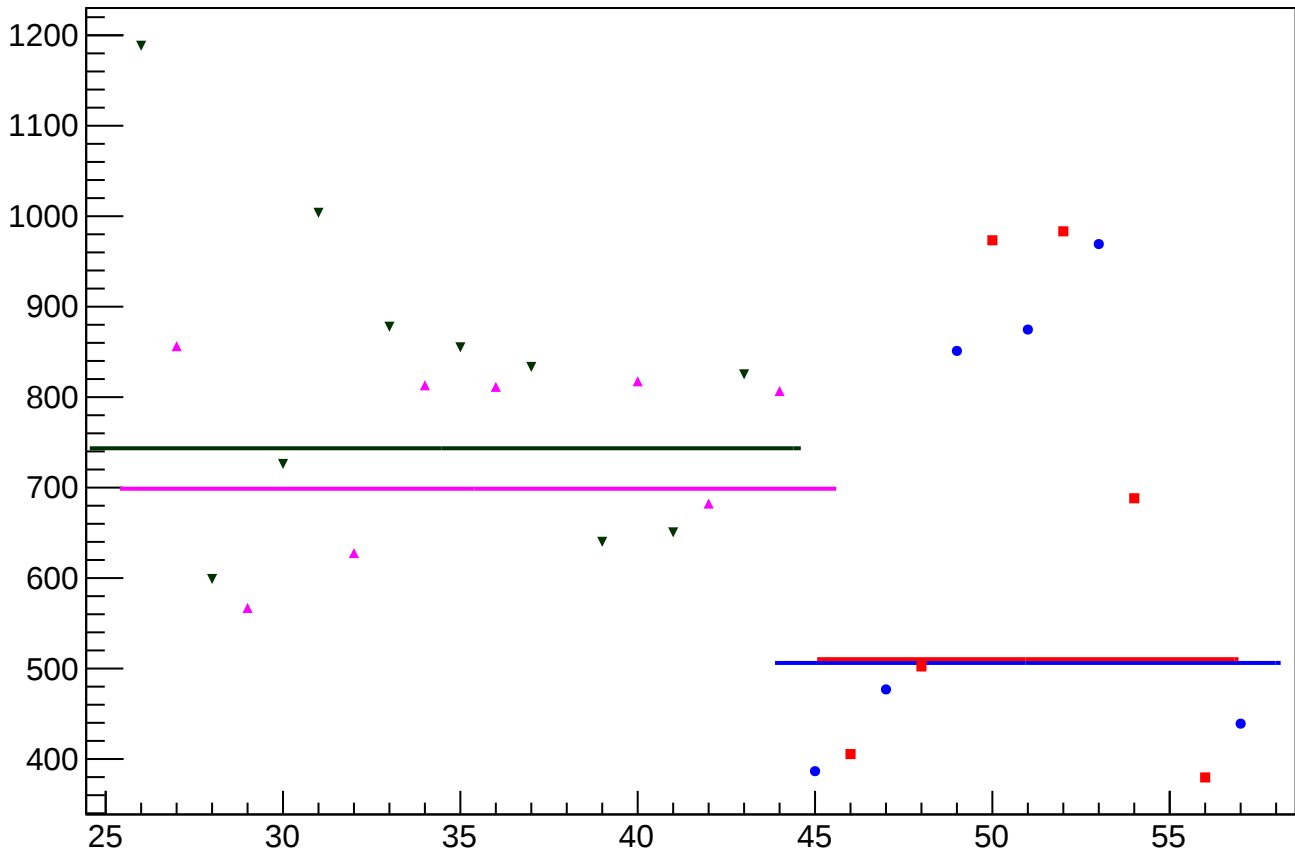
Right Out: -118.708+/-321.146 χ^2/NDF : 5.1/5

Left In: 627.377+/-314.053 χ^2/NDF : 9.9/7

228.818+/-226.993 χ^2/NDF : 9.9/15

262.664+/-224.535 χ^2/NDF : 17.8/13

asym_atl_avg_correction_rms vs slug



Right In: 506.193+/-0.219 χ^2/NDF : 692687.6/5

Left Out: 743.480+/-0.236 χ^2/NDF : 382282.6/9

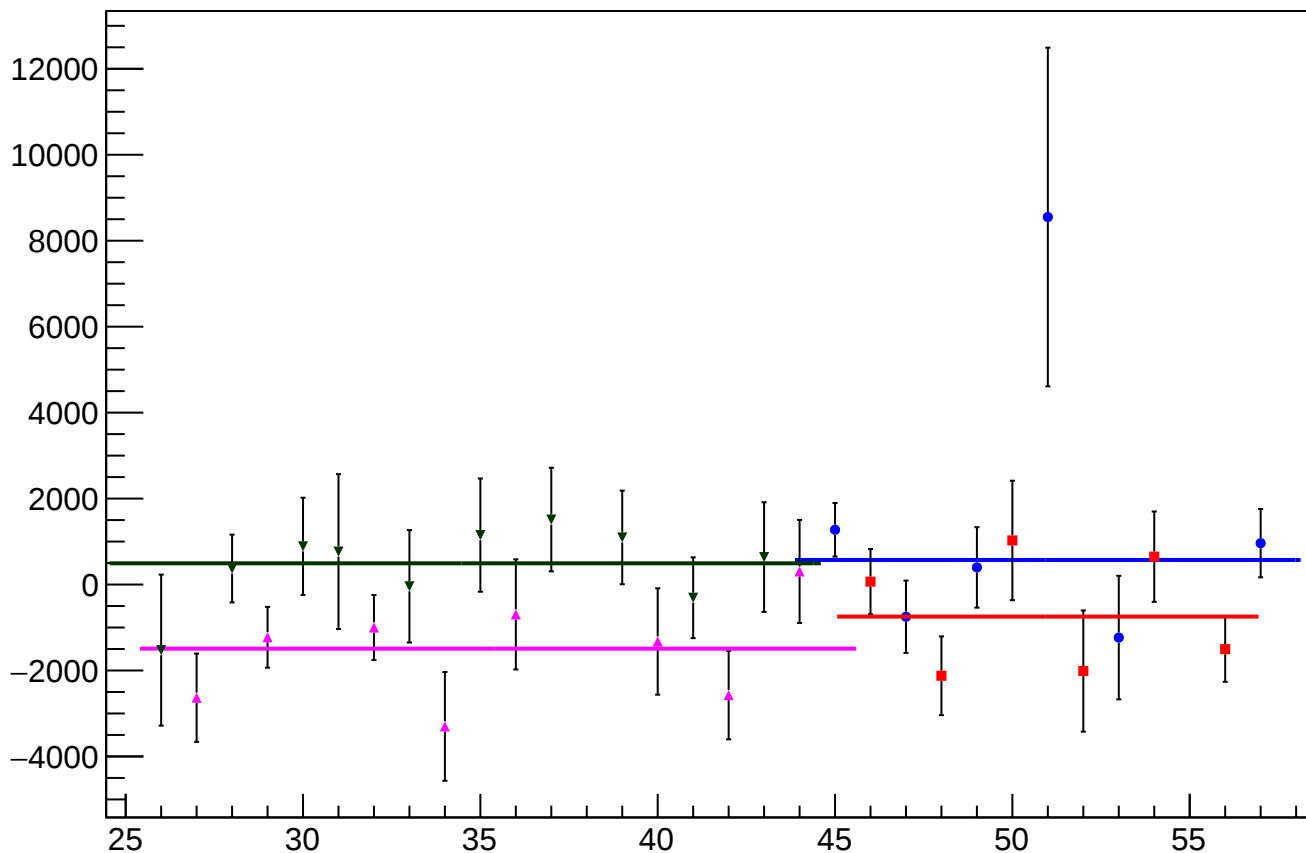
Right Out: 510.360+/-0.227 χ^2/NDF : 726924.1/5

Left In: 698.770+/-0.222 χ^2/NDF : 247659.3/7

615.605+/-0.161 χ^2/NDF : 1618039.3/15

606.669+/-0.159 χ^2/NDF : 1326462.0/13

asym_atl_avg_mean vs slug



Right In: 572.143 $\pm$ 371.157 χ^2/NDF : 9.7/5

Left Out: 494.045 $\pm$ 366.212 χ^2/NDF : 3.7/9

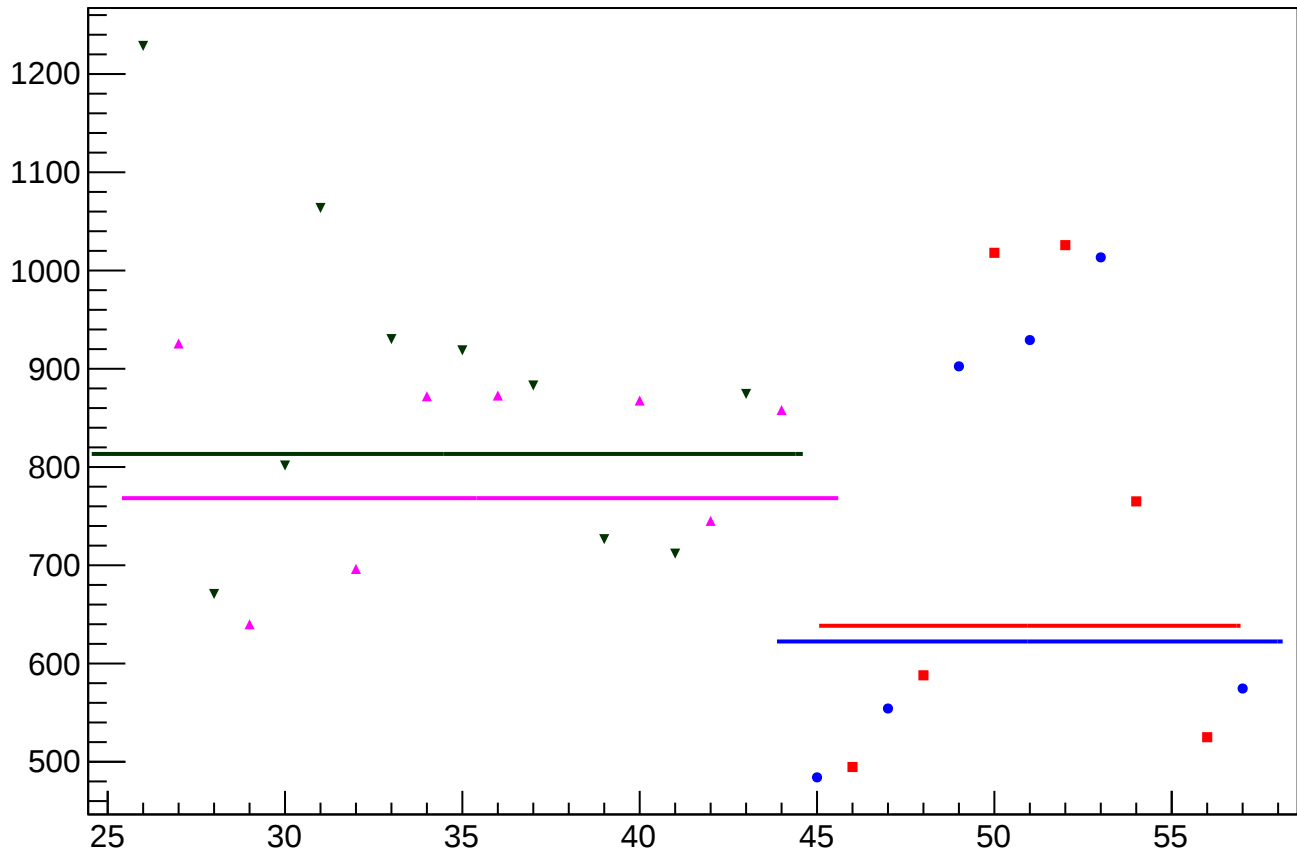
Right Out: -745.642 $\pm$ 389.729 χ^2/NDF : 8.6/5

Left In: -1491.627 $\pm$ 348.747 χ^2/NDF : 7.6/7

532.570 $\pm$ 260.682 χ^2/NDF : 13.4/15

-1159.906 $\pm$ 259.887 χ^2/NDF : 18.2/13

asym_atl_avg_rms vs slug



Right In: 622.445+/-0.262 χ^2/NDF : 457862.5/5

Left Out: 813.323+/-0.259 χ^2/NDF :291804.3/9

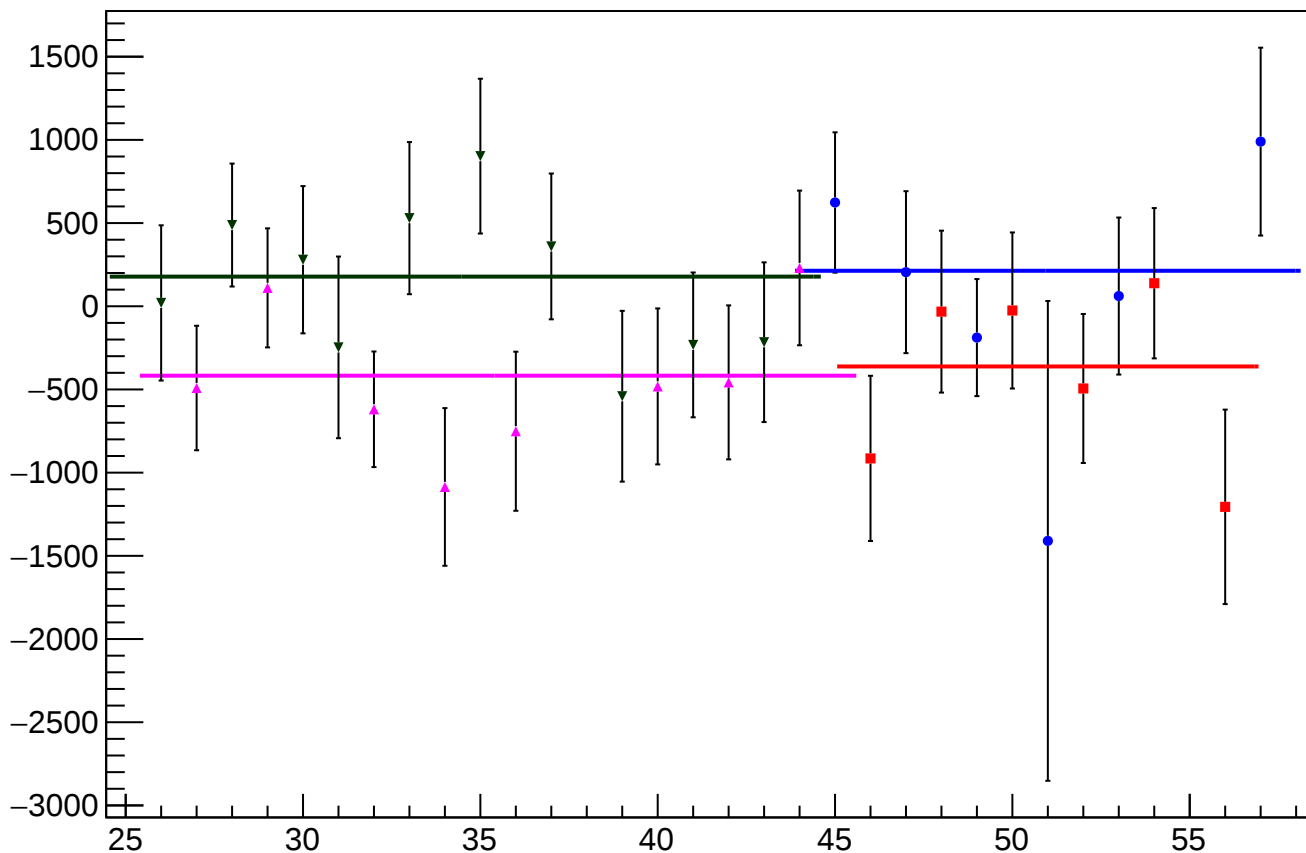
Right Out: 638.451+/-0.276 χ^2/NDF : 451611.7/5

Left In: 768.326+/-0.247 χ^2/NDF :182845.3/7

719.164+/-0.184 χ^2/NDF : 1017695.5/15

710.573+/-0.184 χ^2/NDF : 757797.1/13

reg_asym_atl_dd_mean vs slug



Right In: 213.287 $\pm$ 195.973 χ^2 /NDF: 5.5/5

Left Out: 178.217 $\pm$ 143.718 χ^2 /NDF:8.2/9

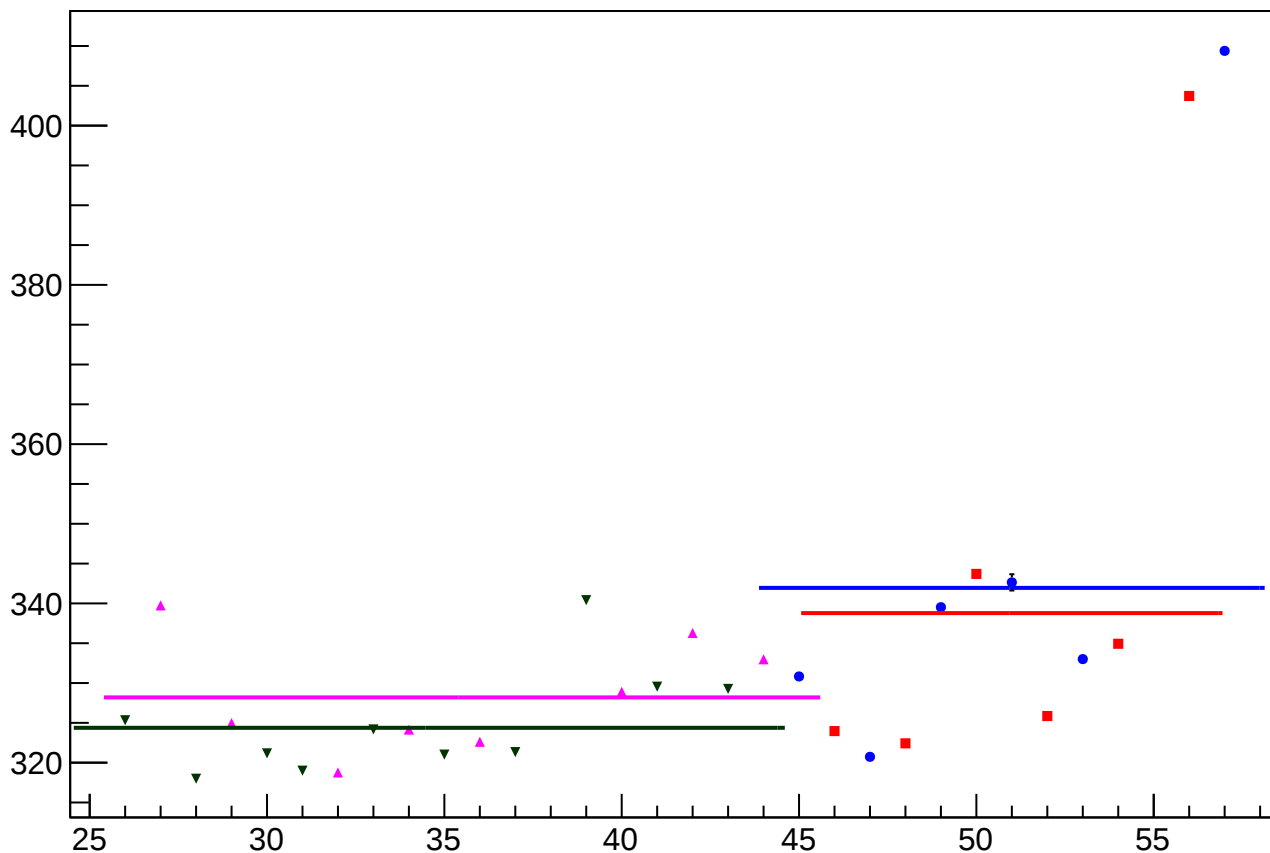
Right Out: -361.767 $\pm$ 197.475 χ^2 /NDF: 5.6/5

Left In: -417.319 $\pm$ 147.577 χ^2 /NDF:7.0/7

190.482 $\pm$ 115.894 χ^2 /NDF: 13.7/15

-397.412 $\pm$ 118.214 χ^2 /NDF: 12.7/13

reg_asym_atl_dd_rms vs slug



Right In: 341.950+/-0.139 χ^2/NDF : 34539.8/5

Left Out: 324.377+/-0.102 χ^2/NDF :3549.0/9

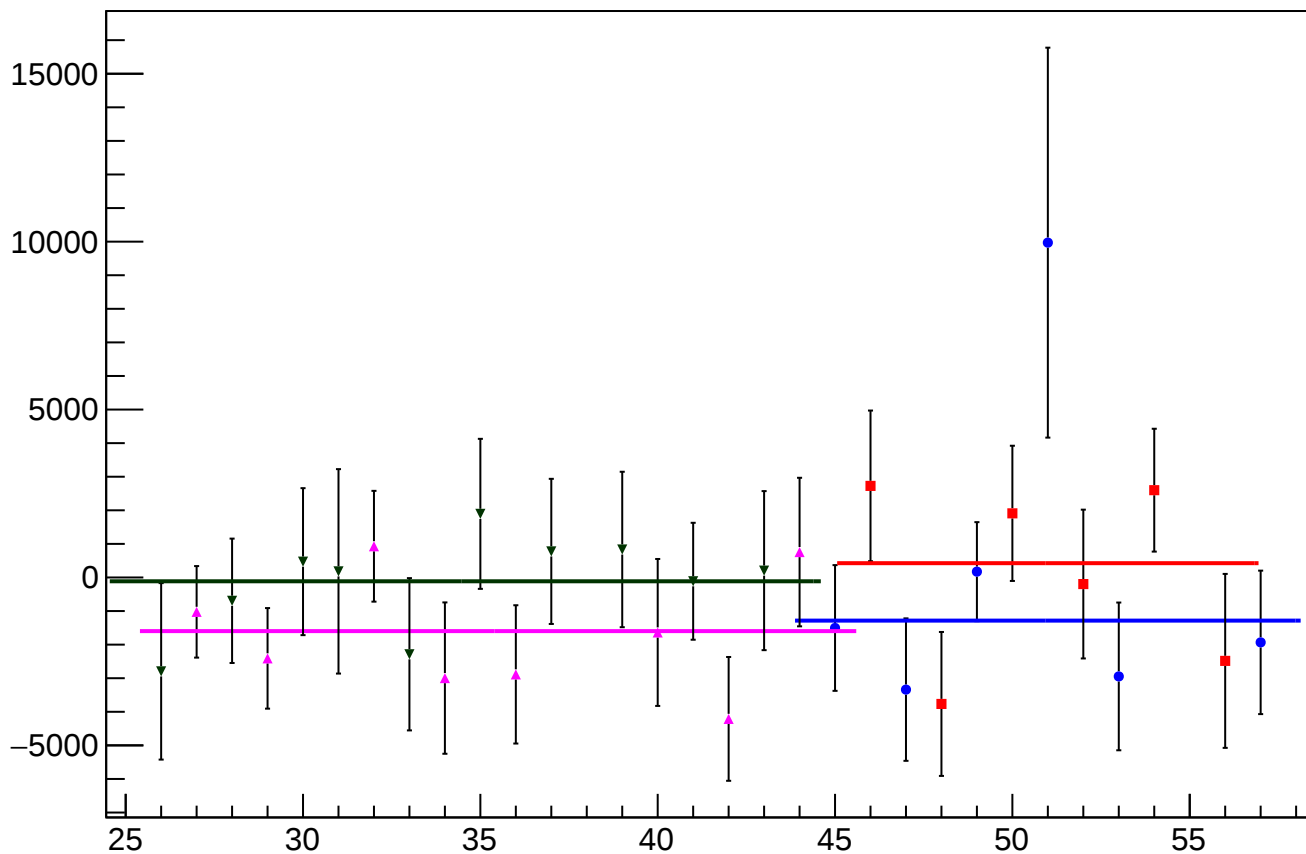
Right Out: 338.784+/-0.140 χ^2/NDF : 30774.7/5

Left In: 328.197+/-0.104 χ^2/NDF :4786.7/7

330.523+/-0.082 χ^2/NDF : 48545.5/15

331.991+/-0.084 χ^2/NDF : 39249.7/13

asym_atl_dd_correction_mean vs slug



Right In: -1284.763 ± 838.201 χ^2/NDF : 6.4/5

Left Out: -113.667 ± 697.189 χ^2/NDF : 3.3/9

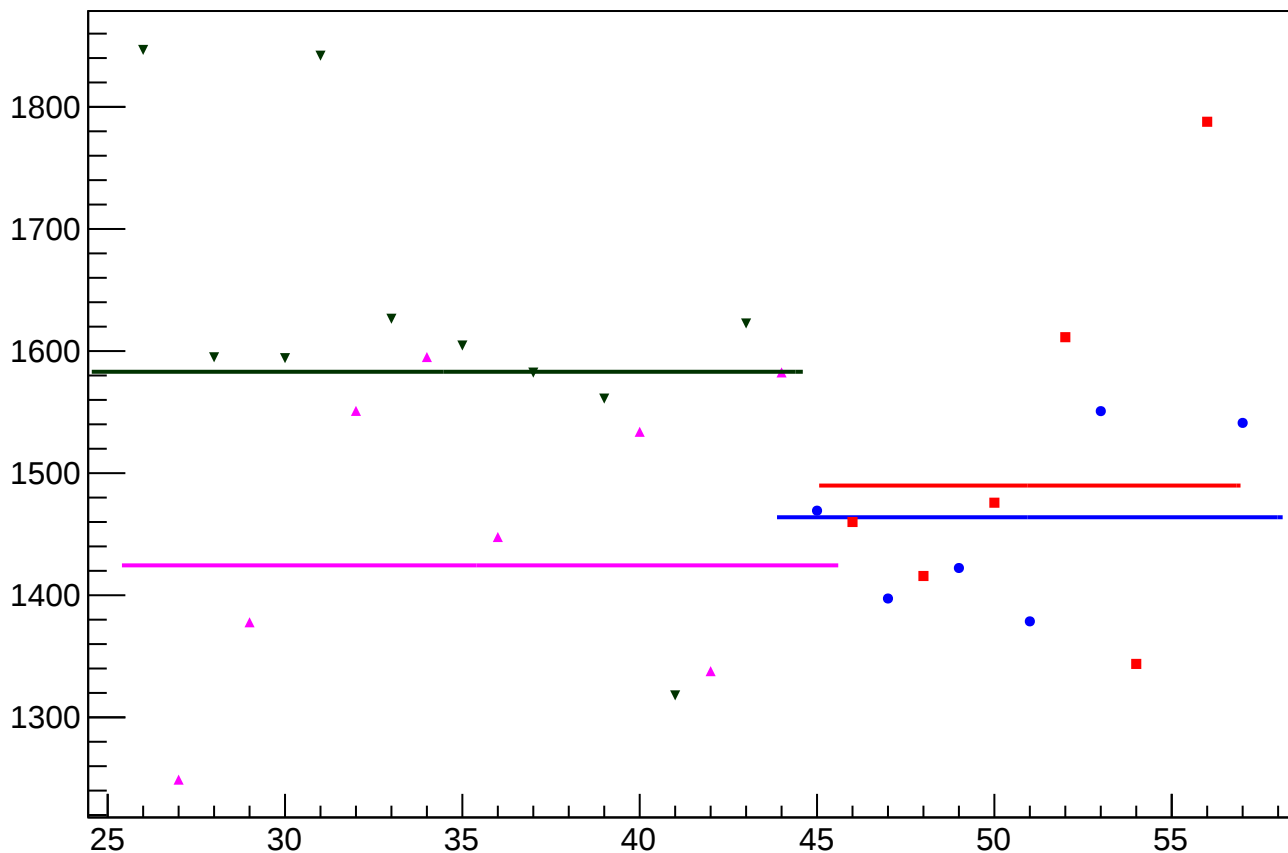
Right Out: 425.560 ± 872.110 χ^2/NDF : 8.2/5

Left In: -1597.547 ± 633.459 χ^2/NDF : 6.7/7

-592.560 ± 536.008 χ^2/NDF : 10.8/15

-898.820 ± 512.526 χ^2/NDF : 18.4/13

asym_atl_dd_correction_rms vs slug



Right In: 1463.885+/-0.593 χ^2/NDF : 9748.7/5

Left Out: 1583.049+/-0.493 χ^2/NDF :82755.6/9

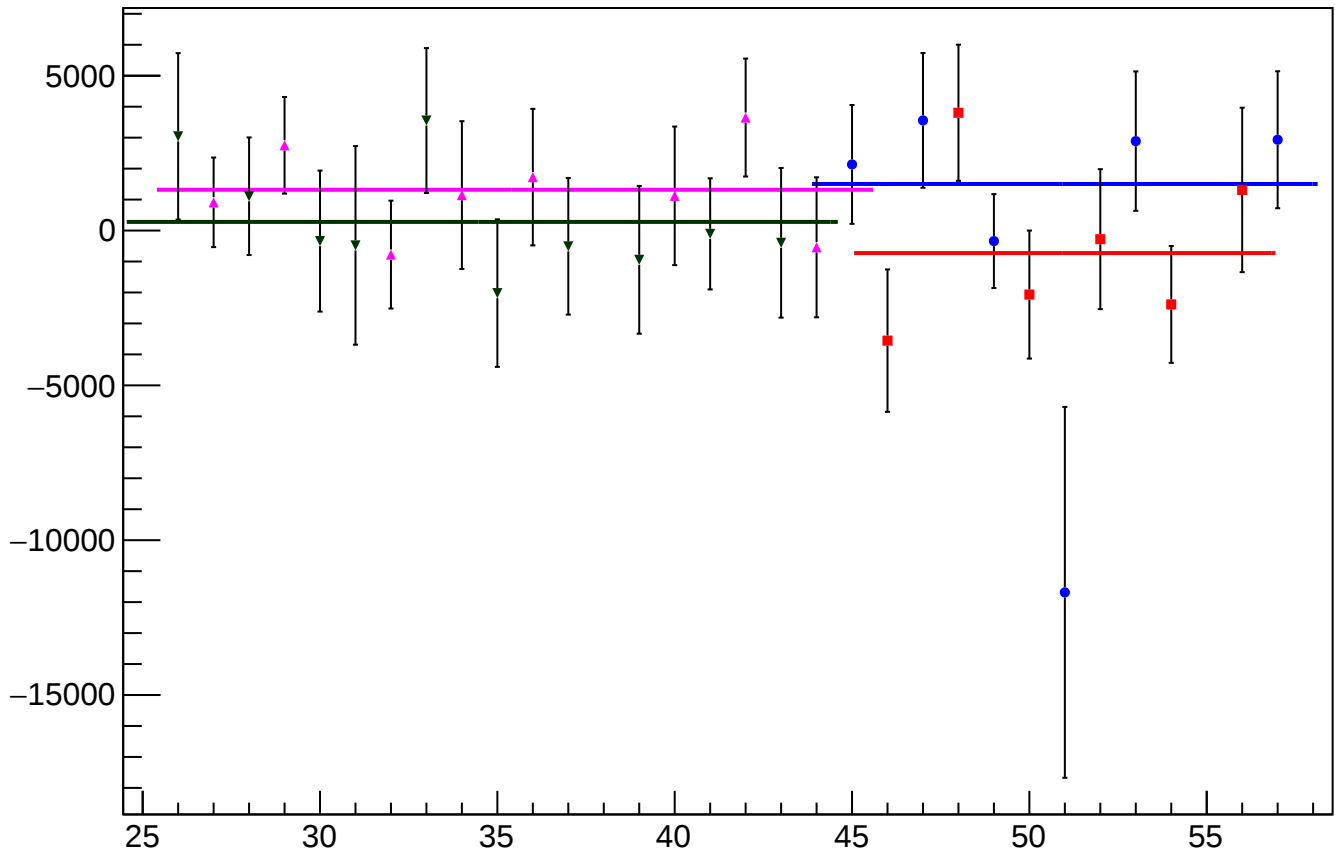
Right Out: 1489.848+/-0.617 χ^2/NDF : 48089.5/5

Left In: 1424.479+/-0.448 χ^2/NDF :78214.9/7

1534.320+/-0.379 χ^2/NDF : 116397.1/15

1447.056+/-0.362 χ^2/NDF : 133660.2/13

asym_atl_dd_mean vs slug



Right In: 1504.239 +/- 861.503 χ^2/NDF : 8.1/5

Left Out: 278.907 +/- 720.229 χ^2/NDF : 4.8/9

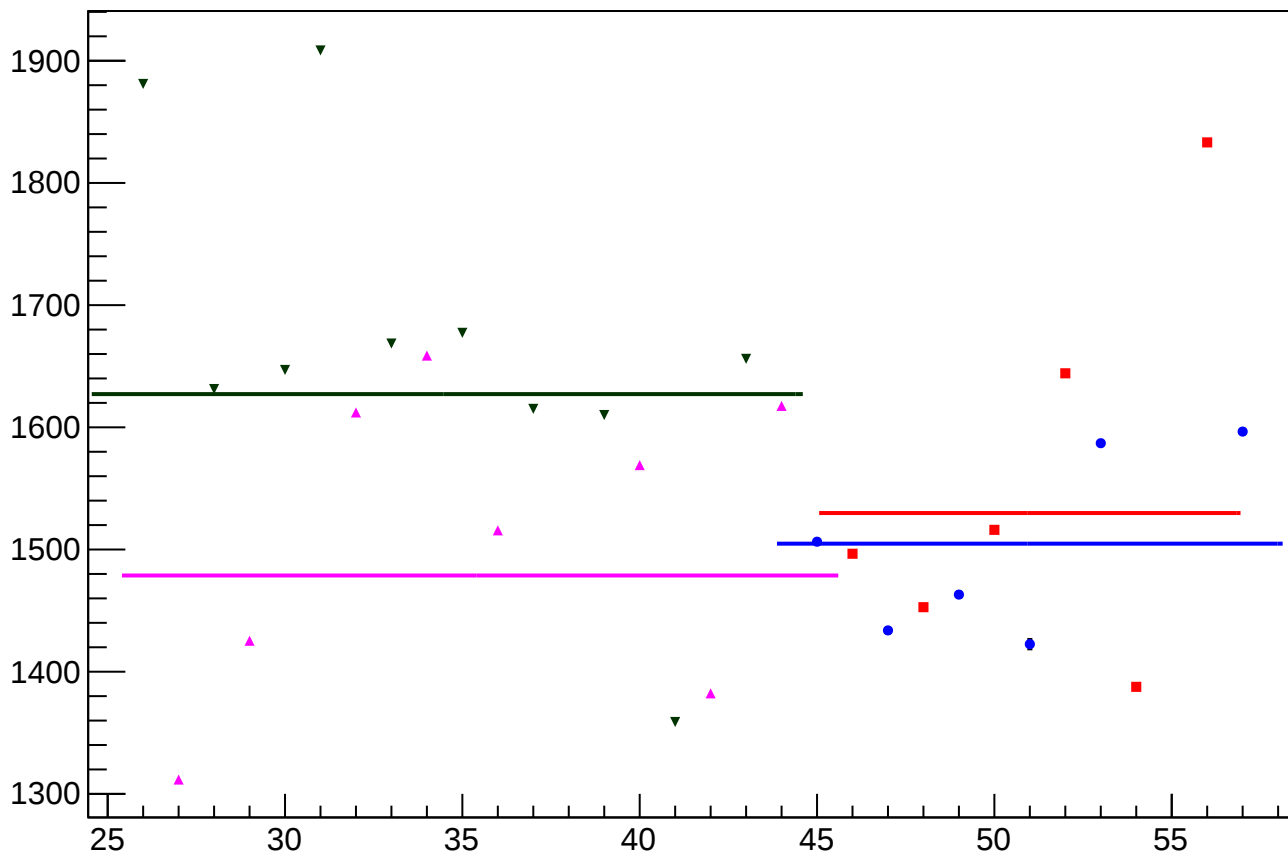
Right Out: -727.057 +/- 895.094 χ^2/NDF : 7.6/5

Left In: 1317.055 +/- 663.629 χ^2/NDF : 4.6/7

782.998 +/- 552.566 χ^2/NDF : 14.1/15

591.994 +/- 533.094 χ^2/NDF : 15.5/13

asym_atl_dd_rms vs slug



Right In: 1504.791+/-0.609 χ^2/NDF : 10128.0/5

Left Out: 1627.194+/-0.509 χ^2/NDF :80064.9/9

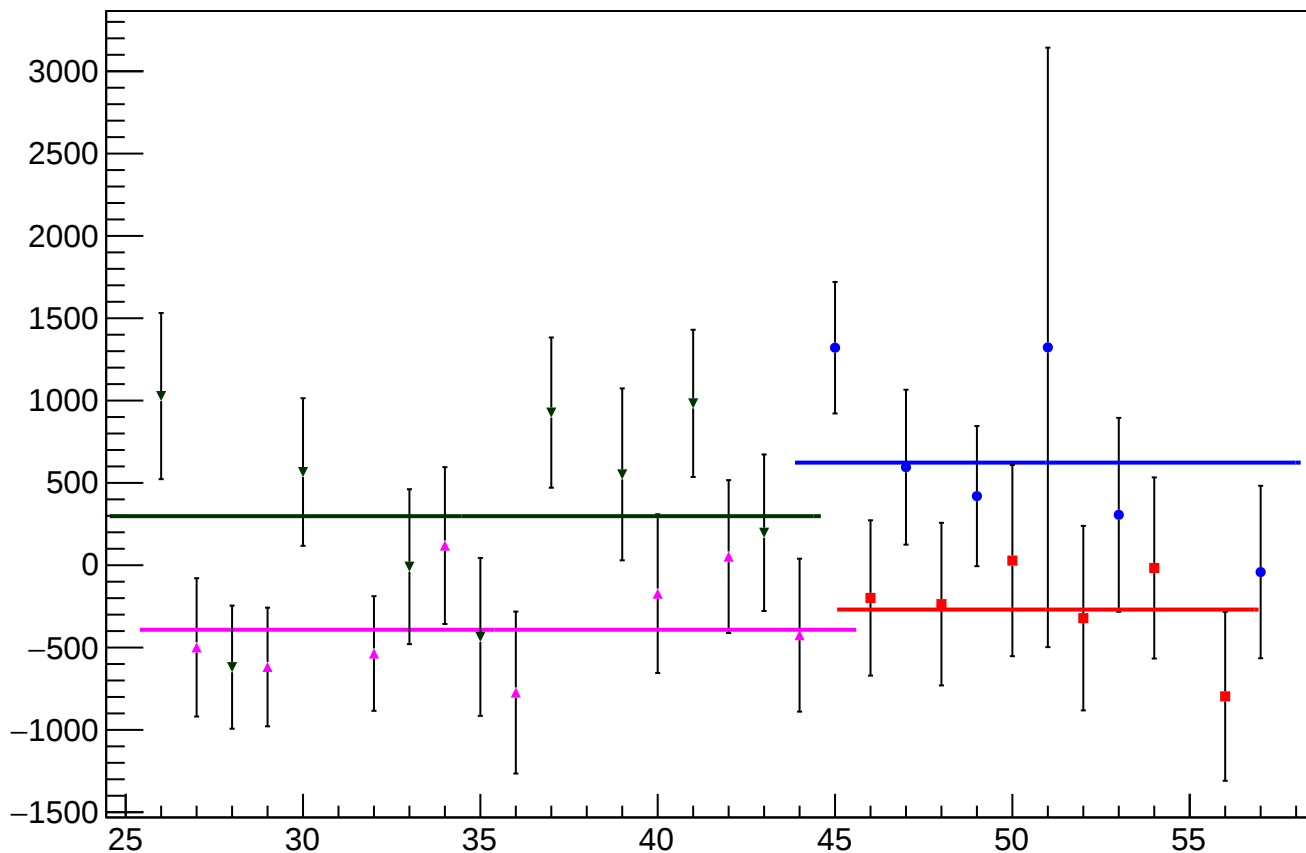
Right Out: 1529.860+/-0.633 χ^2/NDF : 45540.6/5

Left In: 1478.747+/-0.469 χ^2/NDF :68597.0/7

1576.839+/-0.391 χ^2/NDF : 113957.4/15

1496.877+/-0.377 χ^2/NDF : 118346.0/13

reg_asym_atr_avg_mean vs slug



Right In: 623.232 $\pm$ 207.842 χ^2 /NDF: 5.3/5

Left Out: 297.955 $\pm$ 152.800 χ^2 /NDF:15.8/8

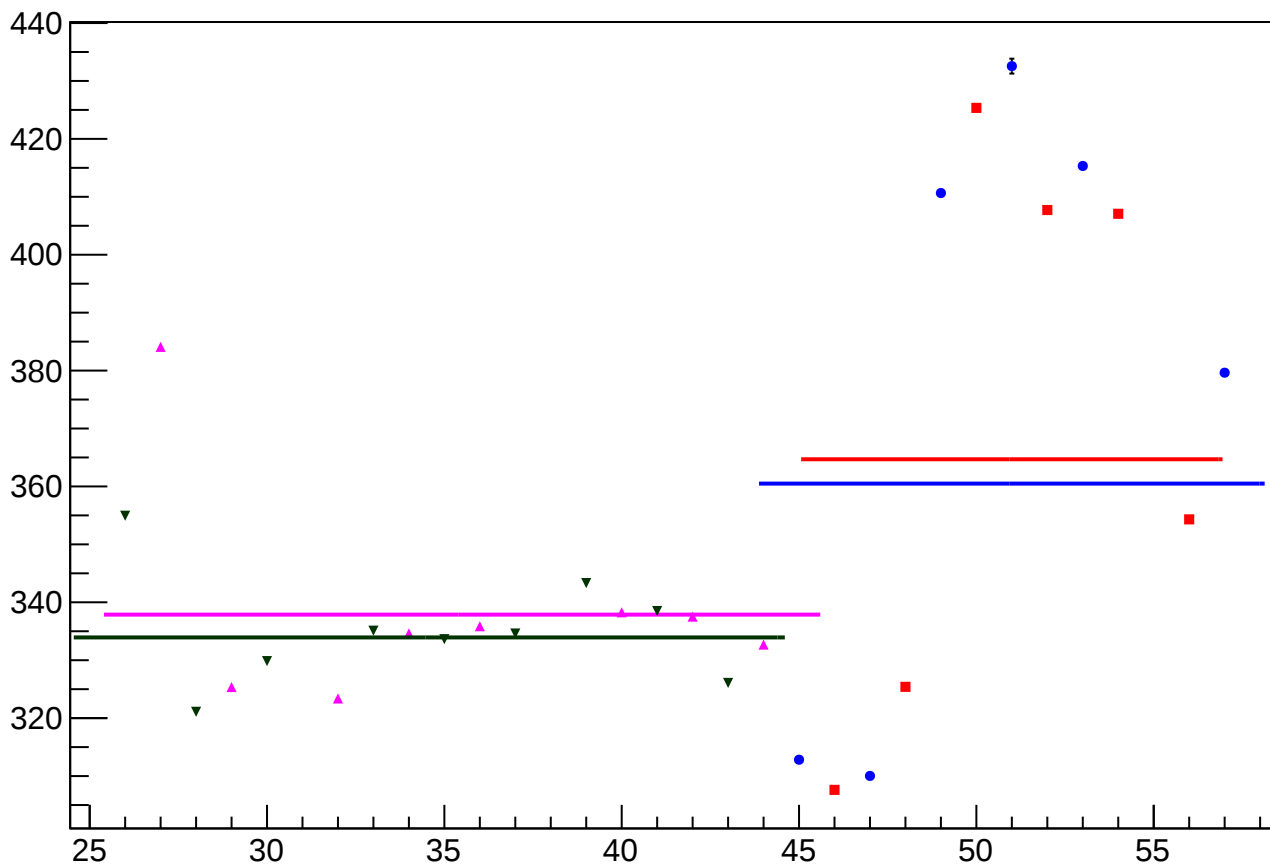
Right Out: -269.223 $\pm$ 213.906 χ^2 /NDF: 1.6/5

Left In: -392.029 $\pm$ 151.208 χ^2 /NDF:3.5/7

412.079 $\pm$ 123.111 χ^2 /NDF: 22.7/14

-351.110 $\pm$ 123.474 χ^2 /NDF: 5.3/13

reg_asym_atr_avg_rms vs slug



Right In: 360.490+/-0.147 χ^2/NDF : 102475.8/5

Left Out: 333.934+/-0.108 χ^2/NDF : 7408.6/8

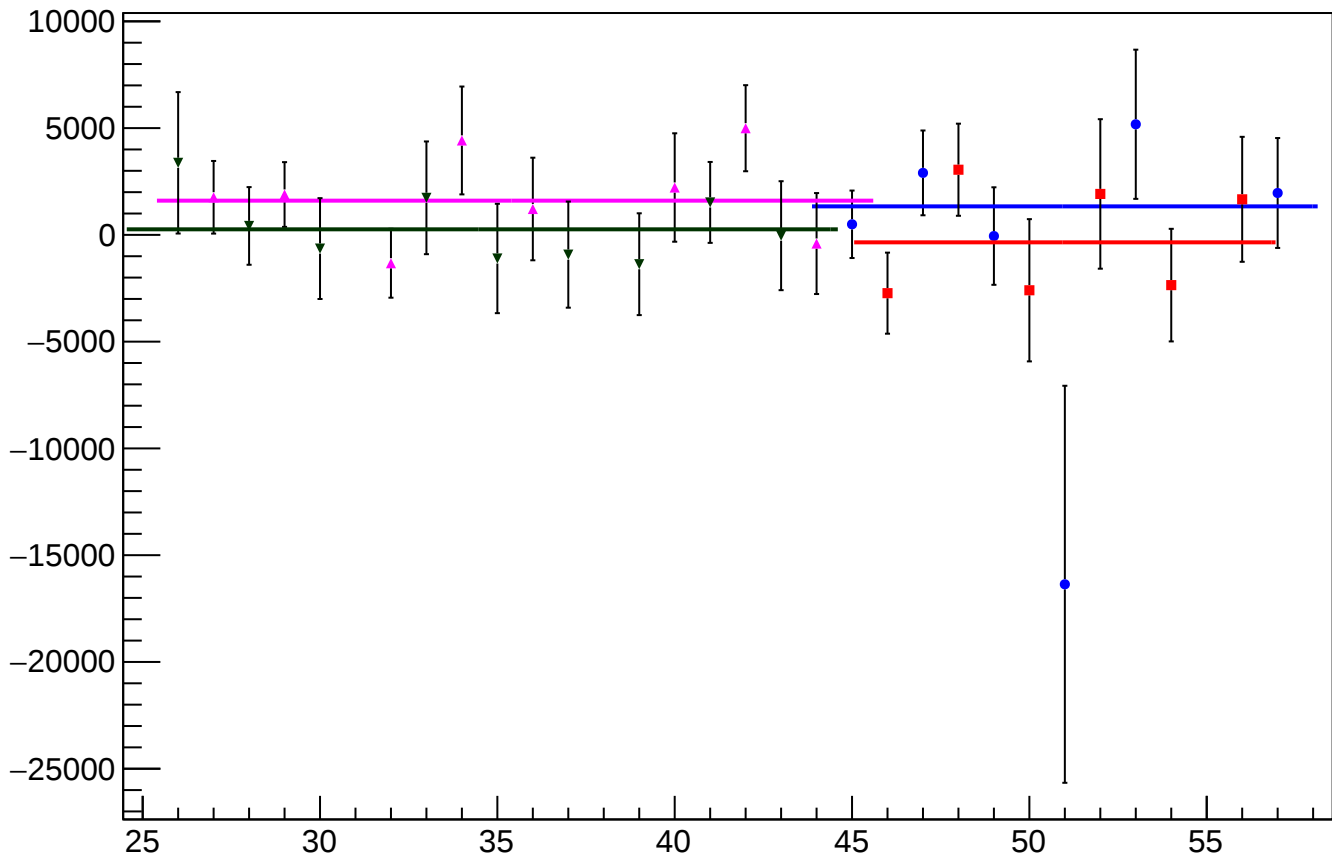
Right Out: 364.690+/-0.151 χ^2/NDF : 88257.7/5

Left In: 337.870+/-0.107 χ^2/NDF : 30461.2/7

343.251+/-0.087 χ^2/NDF : 131079.6/14

346.807+/-0.087 χ^2/NDF : 139683.1/13

asym_atr_avg_correction_mean vs slug



Right In: 1334.892 $\pm$ 957.460 χ^2 /NDF: 6.2/5

Left Out: 260.094 $\pm$ 781.083 χ^2 /NDF:2.8/8

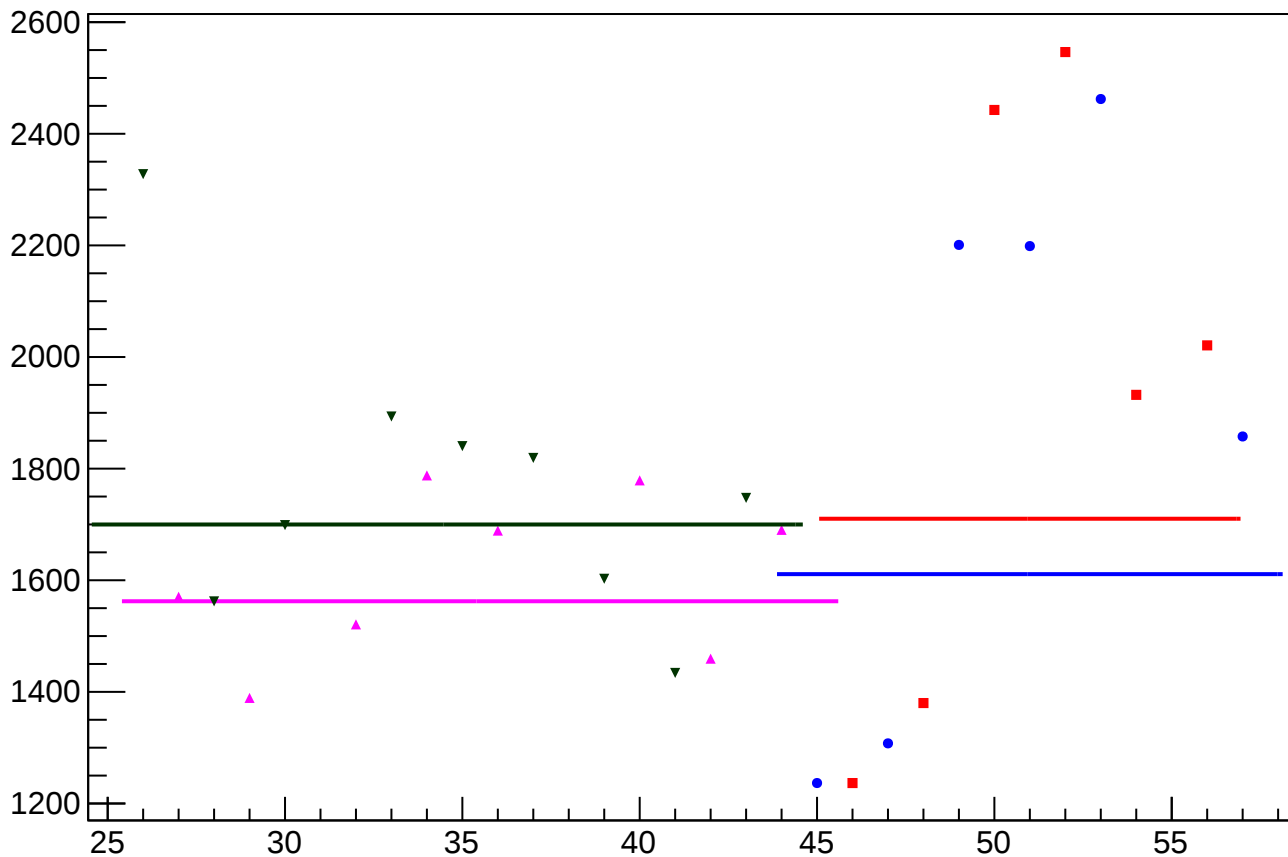
Right Out: -349.601 $\pm$ 1039.782 χ^2 /NDF: 6.0/5

Left In: 1602.732 $\pm$ 694.176 χ^2 /NDF:8.2/7

689.564 $\pm$ 605.235 χ^2 /NDF: 9.7/14

1000.829 $\pm$ 577.336 χ^2 /NDF: 16.7/13

asym_atr_avg_correction_rms vs slug



Right In: 1610.961+/-0.677 χ^2/NDF : 437585.1/5

Left Out: 1699.916+/-0.552 χ^2/NDF : 148167.9/8

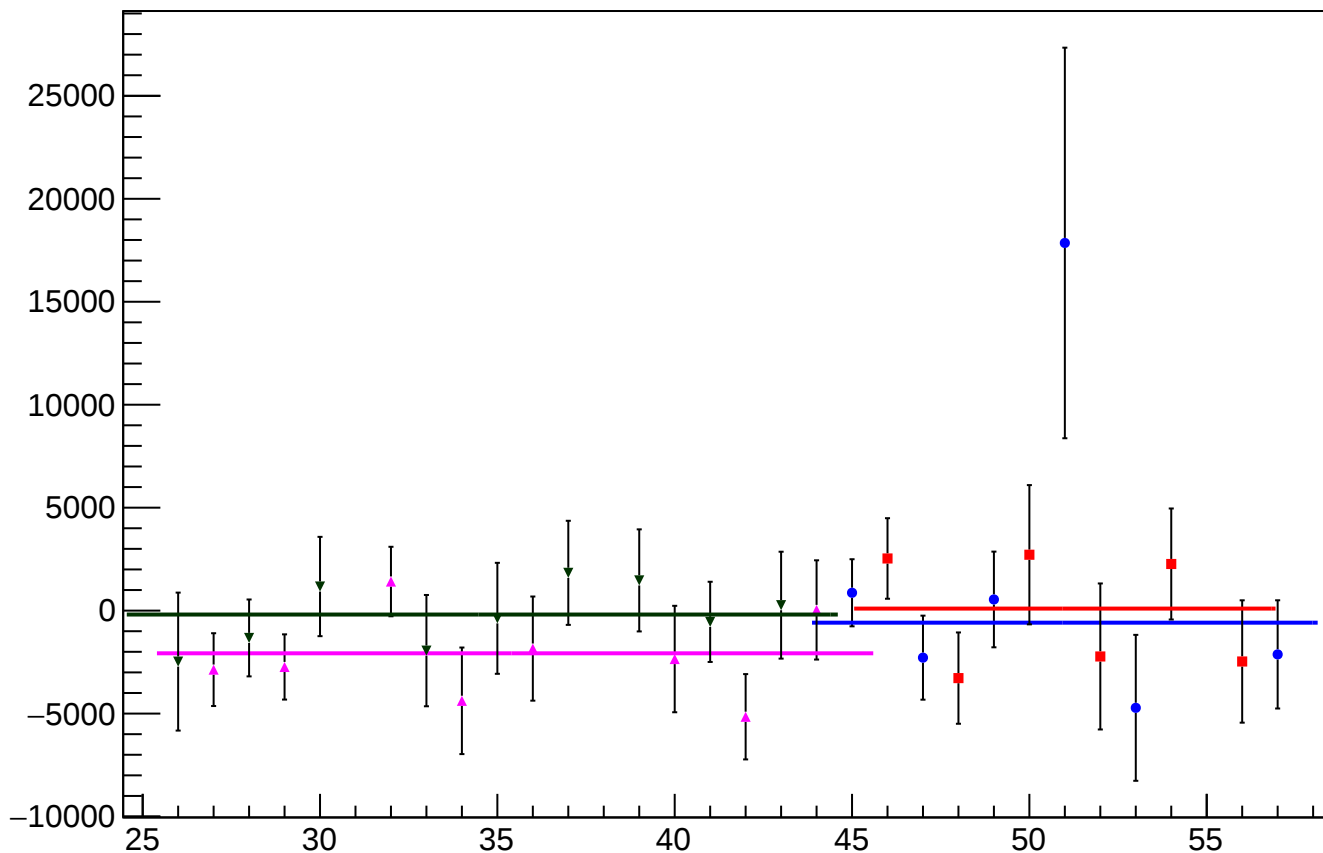
Right Out: 1710.232+/-0.735 χ^2/NDF : 418966.3/5

Left In: 1562.377+/-0.491 χ^2/NDF : 74597.0/7

1664.371+/-0.428 χ^2/NDF : 596118.3/14

1607.961+/-0.408 χ^2/NDF : 521536.2/13

asym_atr_avg_mean vs slug



Right In: -585.157+/-981.701 χ^2/NDF : 7.2/5

Left Out: -189.957+/-802.163 χ^2/NDF : 2.7/8

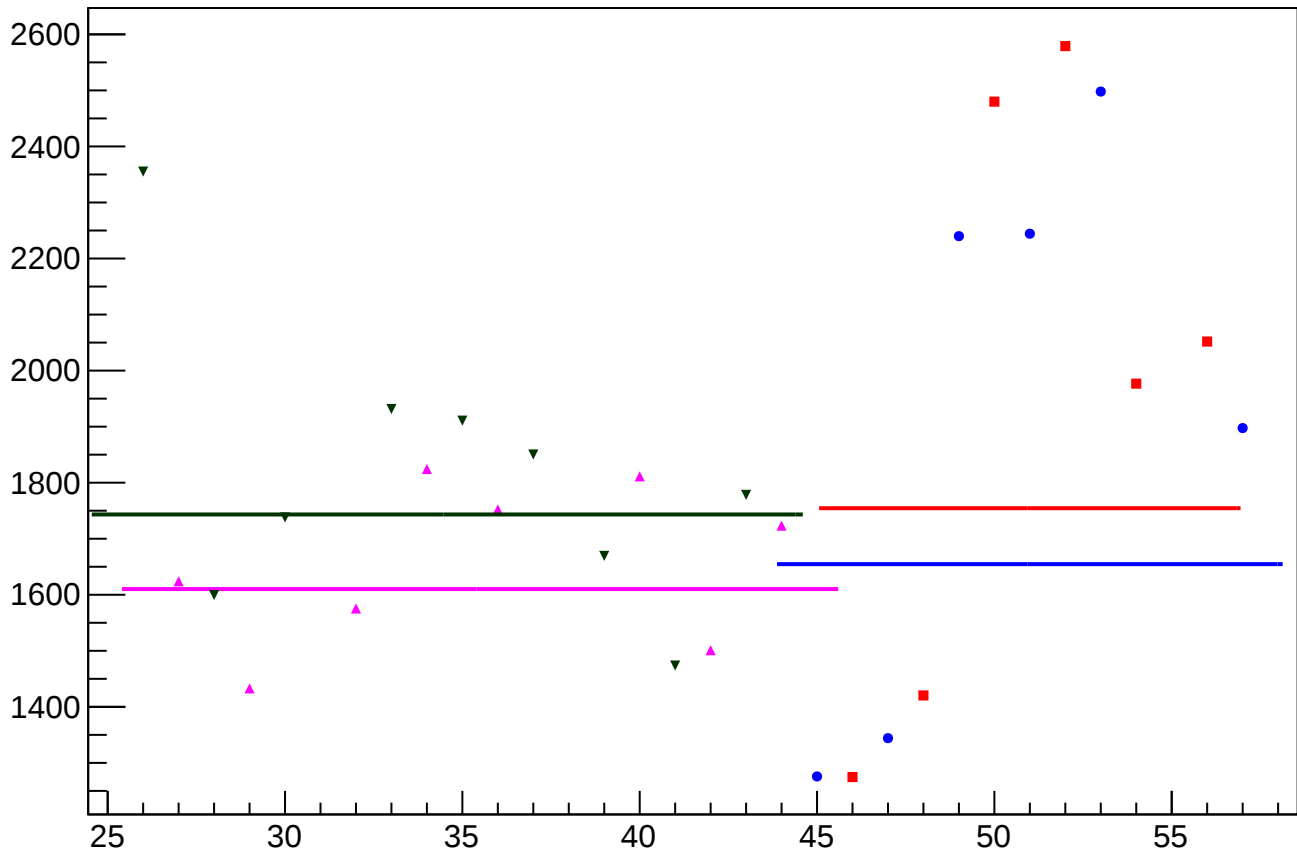
Right Out: 98.943+/-1064.383 χ^2/NDF : 6.3/5

Left In: -2072.589+/-719.748 χ^2/NDF : 8.4/7

-348.181+/-621.164 χ^2/NDF : 10.0/14

-1391.203+/-596.227 χ^2/NDF : 17.6/13

asym_atr_avg_rms vs slug



Right In: 1654.652+/-0.694 χ^2/NDF : 419405.7/5

Left Out: 1743.280+/-0.567 χ^2/NDF : 140061.2/8

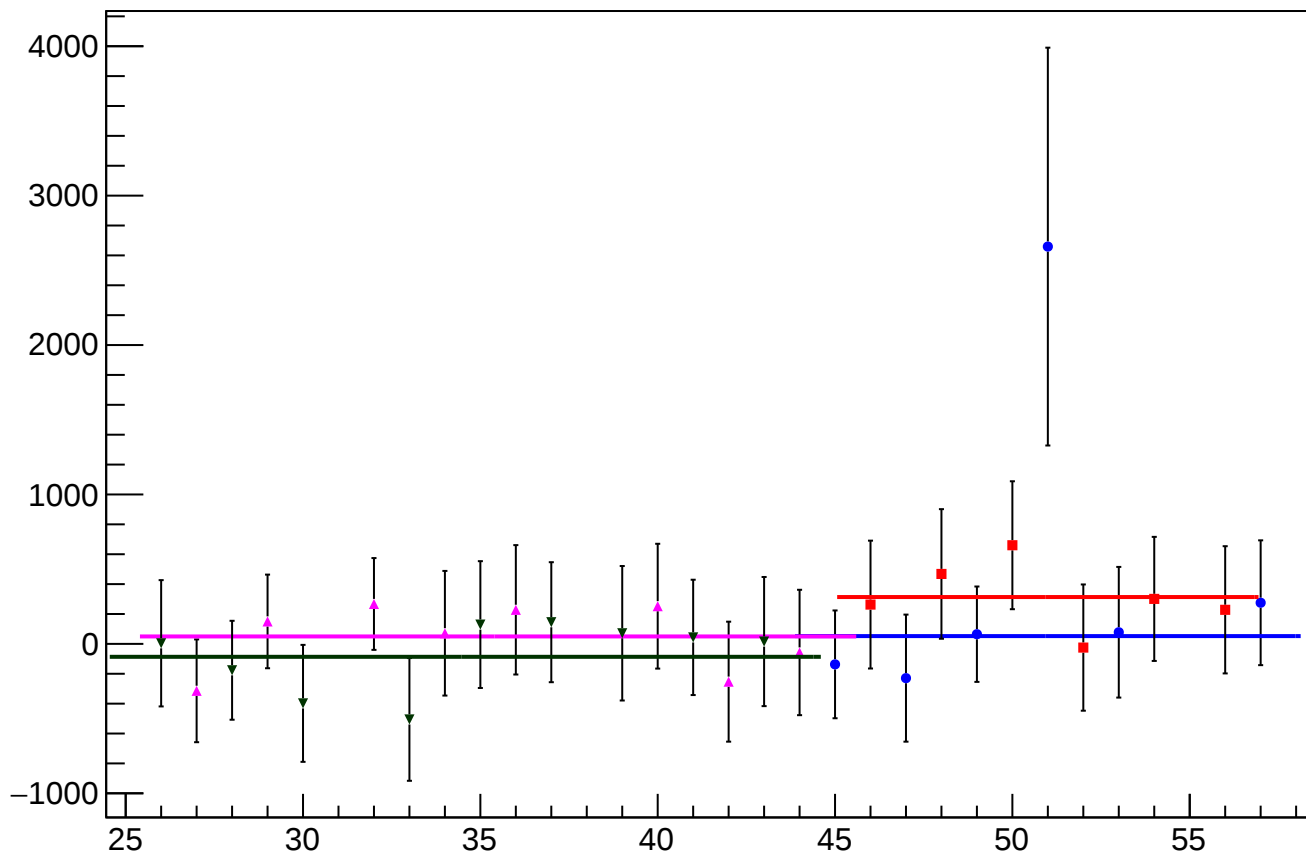
Right Out: 1754.466+/-0.753 χ^2/NDF : 399570.4/5

Left In: 1610.197+/-0.509 χ^2/NDF : 68106.1/7

1707.796+/-0.439 χ^2/NDF : 569241.5/14

1655.466+/-0.422 χ^2/NDF : 492890.6/13

reg_asym_atr_dd_mean vs slug



Right In: 52.100 $\pm$ 170.104 χ^2 /NDF: 4.8/5

Left Out: -86.539 $\pm$ 133.704 χ^2 /NDF: 2.7/8

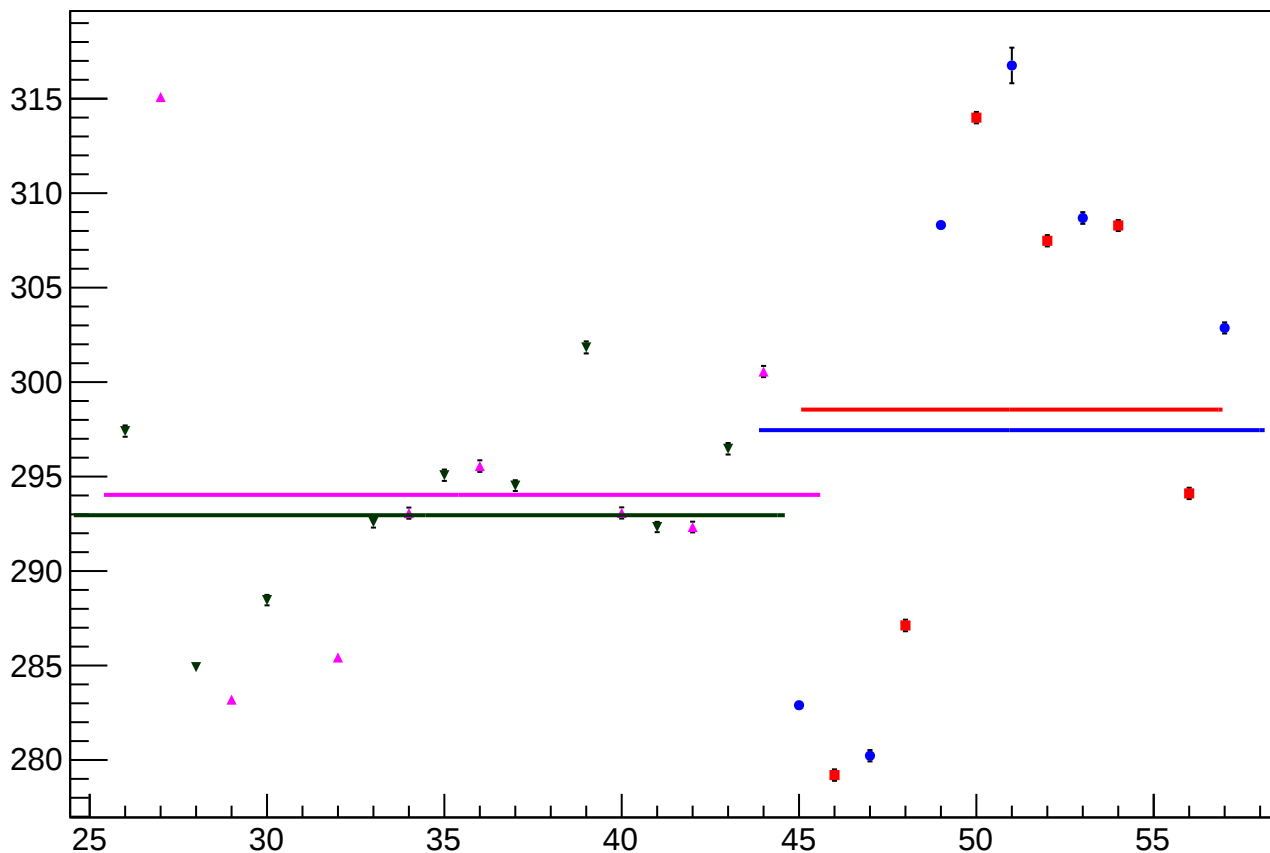
Right Out: 313.472 $\pm$ 173.661 χ^2 /NDF: 1.5/5

Left In: 49.768 $\pm$ 131.388 χ^2 /NDF: 2.8/7

-33.595 $\pm$ 105.118 χ^2 /NDF: 7.9/14

145.765 $\pm$ 104.779 χ^2 /NDF: 5.7/13

reg_asym_atr_dd_rms vs slug



Right In: 297.457 ± 0.120 χ^2/NDF : 10930.3/5

Left Out: 292.955 ± 0.095 χ^2/NDF : 2664.1/8

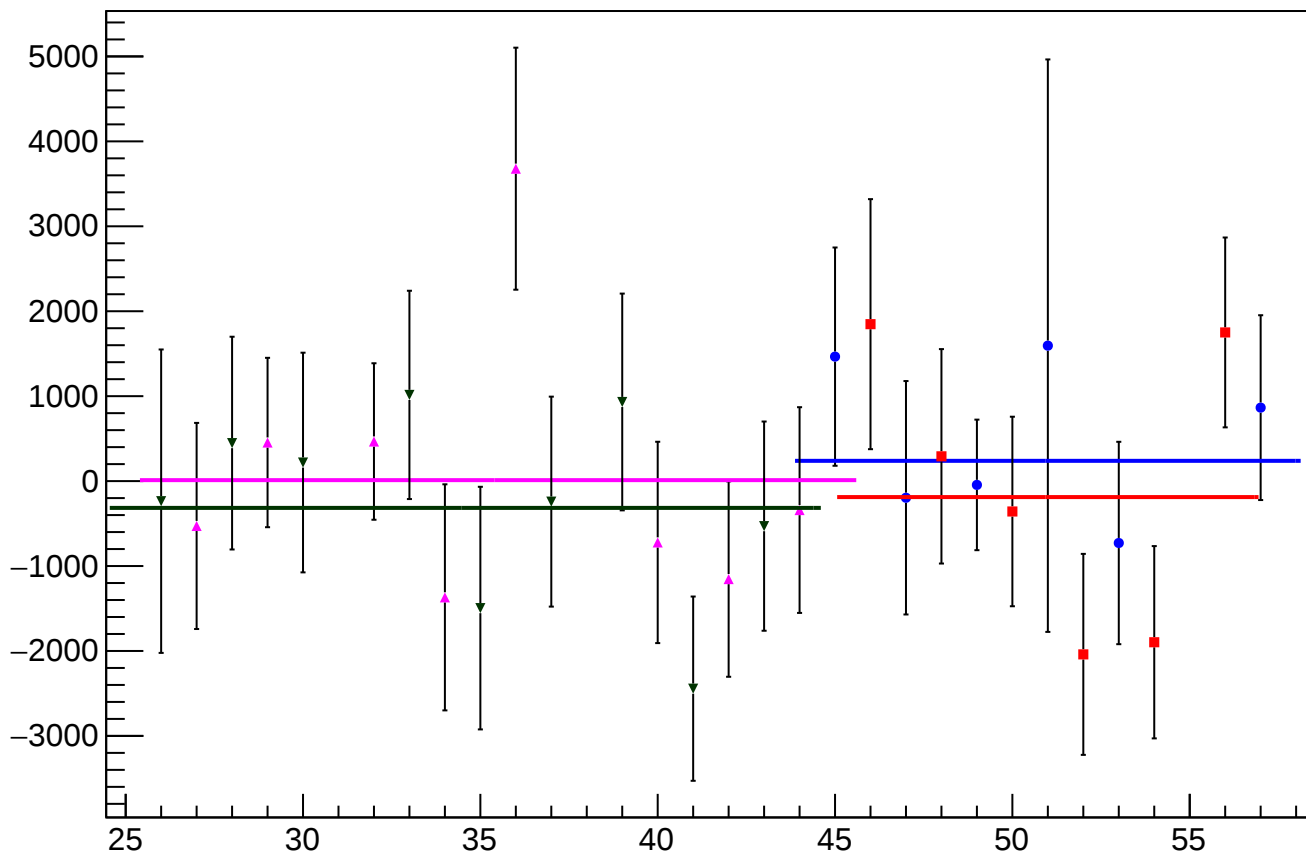
Right Out: 298.545 ± 0.123 χ^2/NDF : 10295.1/5

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.3/7

294.674 ± 0.074 χ^2/NDF : 14460.4/14

295.674 ± 0.074 χ^2/NDF : 23175.7/13

asym_atr_dd_correction_mean vs slug



Right In: 238.621+/-473.218 χ^2/NDF : 2.3/5

Left Out: -315.415+/-427.109 χ^2/NDF : 7.2/8

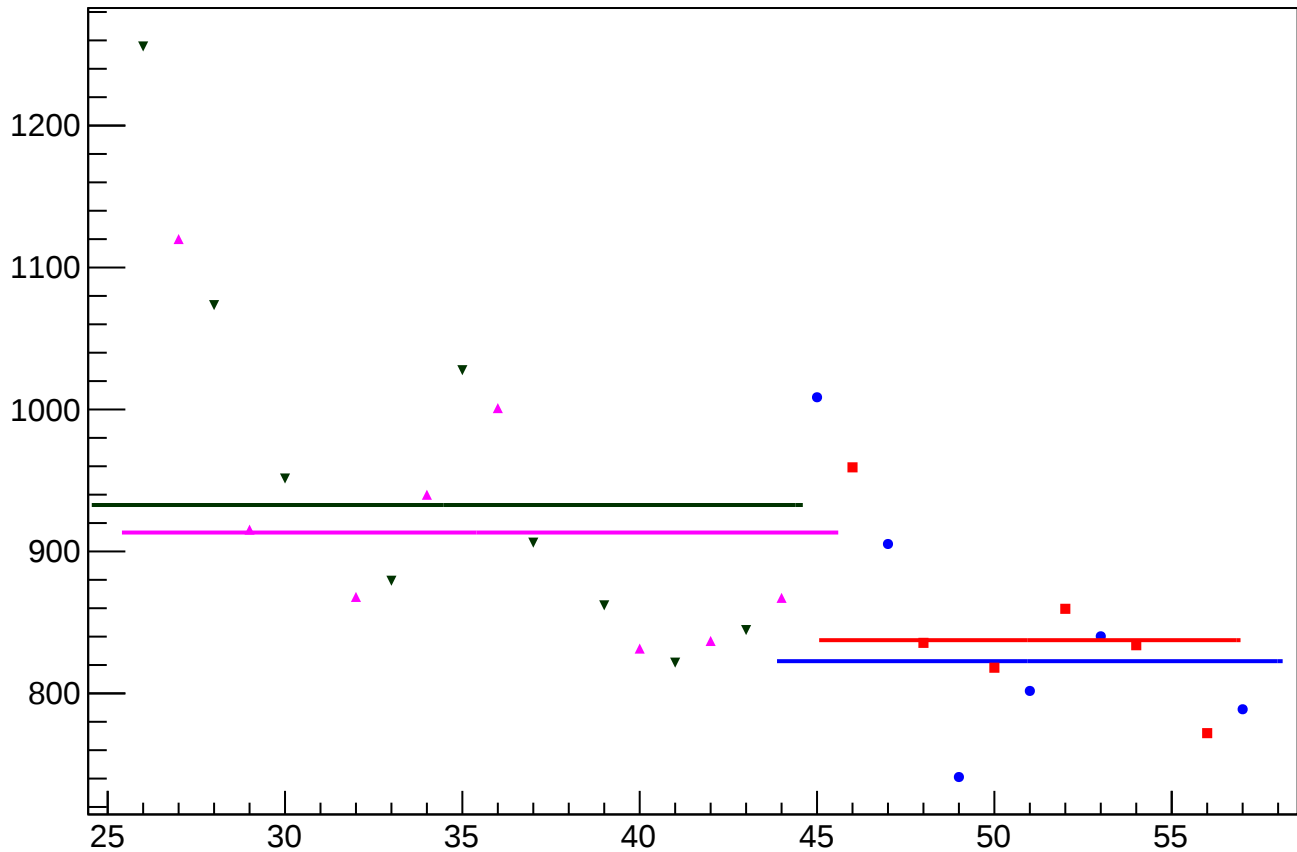
Right Out: -188.148+/-488.686 χ^2/NDF : 9.8/5

Left In: 11.284+/-405.892 χ^2/NDF : 9.8/7

-66.697+/-317.063 χ^2/NDF : 10.3/14

-70.131+/-312.237 χ^2/NDF : 19.7/13

asym_atr_dd_correction_rms vs slug



Right In: 822.707+/-0.335 χ^2/NDF : 74083.4/5

Left Out: 932.717+/-0.302 χ^2/NDF :141975.4/8

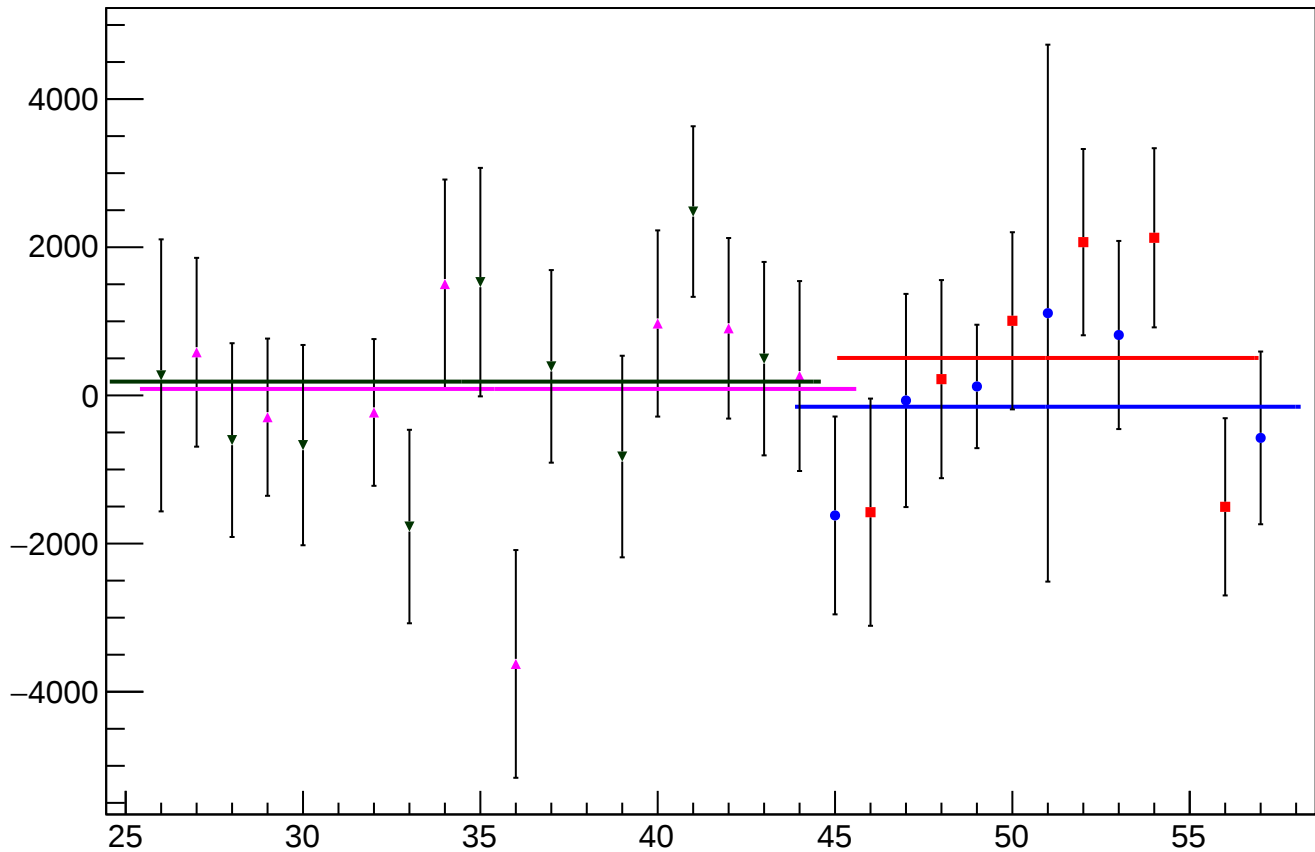
Right Out: 837.494+/-0.346 χ^2/NDF : 21875.9/5

Left In: 913.320+/-0.287 χ^2/NDF :92513.4/7

883.331+/-0.224 χ^2/NDF : 275623.4/14

882.365+/-0.221 χ^2/NDF : 142883.3/13

asym_atr_dd_mean vs slug



Right In: -152.952 ± 505.217 χ^2/NDF : 2.2/5

Left Out: 186.357 ± 451.355 χ^2/NDF : 8.4/8

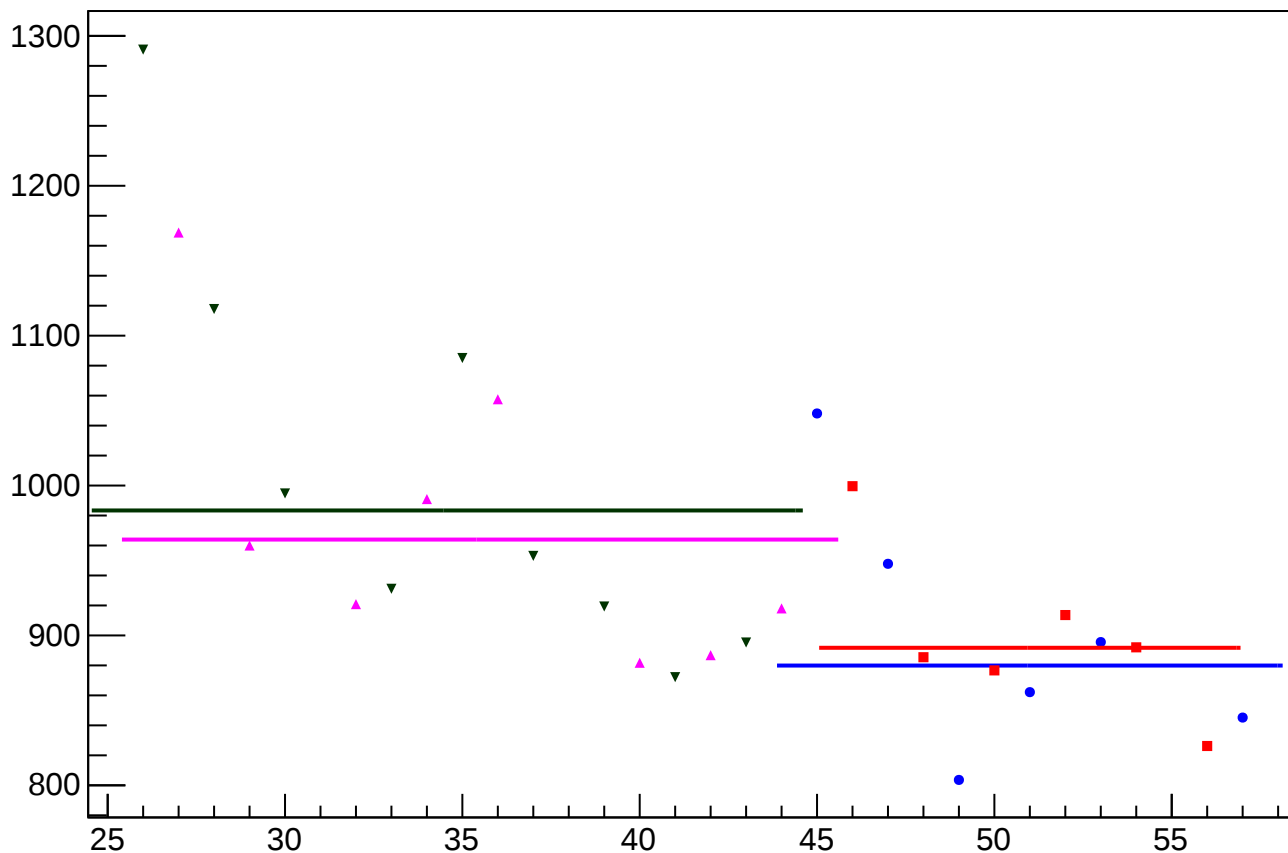
Right Out: 505.483 ± 519.887 χ^2/NDF : 8.2/5

Left In: 87.303 ± 431.781 χ^2/NDF : 8.2/7

35.748 ± 336.594 χ^2/NDF : 10.8/14

258.006 ± 332.161 χ^2/NDF : 16.8/13

asym_atr_dd_rms vs slug



Right In: 879.906 ± 0.357 χ^2/NDF : 55093.7/5

Left Out: 983.379 ± 0.319 χ^2/NDF : 122542.6/8

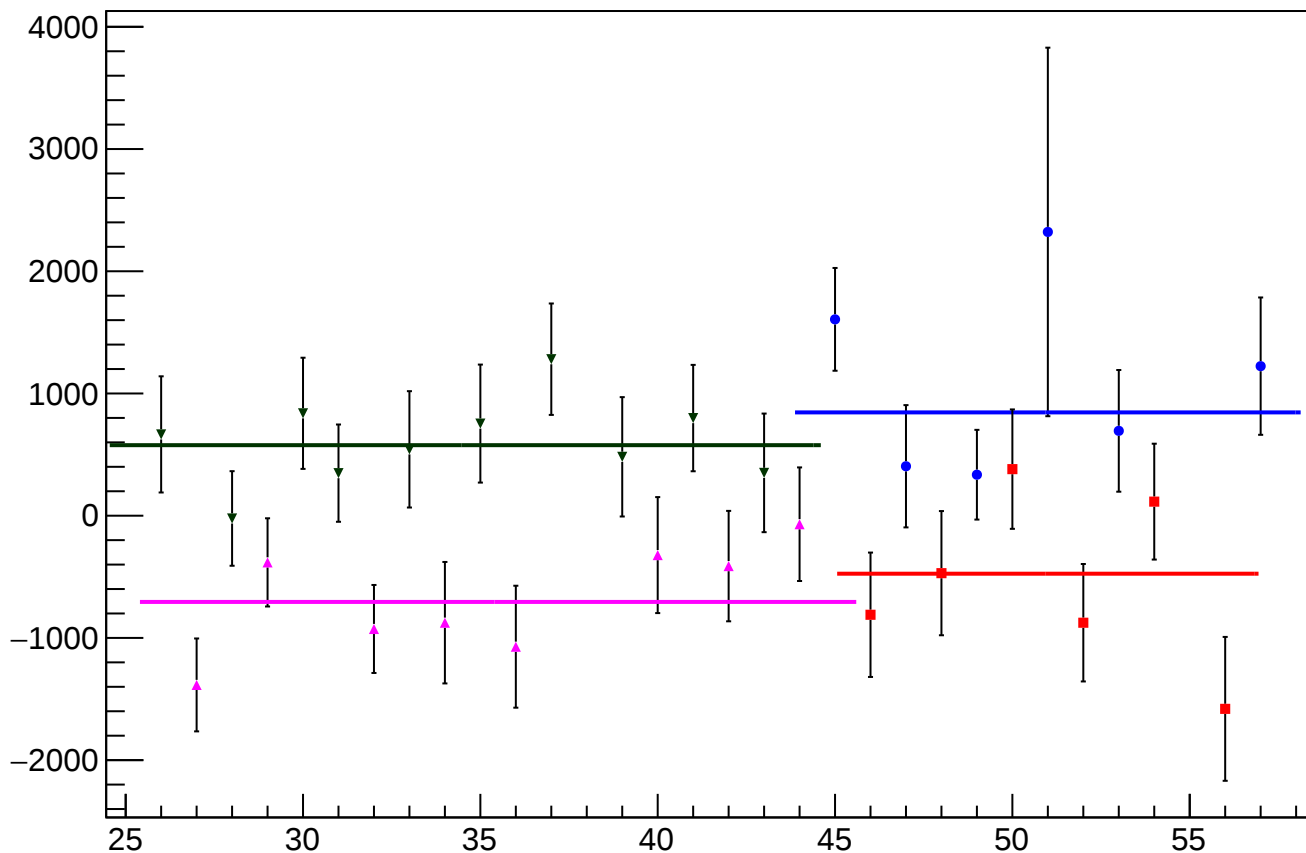
Right Out: 891.761 ± 0.368 χ^2/NDF : 16853.5/5

Left In: 963.960 ± 0.305 χ^2/NDF : 82775.1/7

937.450 ± 0.238 χ^2/NDF : 224291.4/14

934.488 ± 0.235 χ^2/NDF : 122456.0/13

reg_asym_at1_avg_mean vs slug



Right In: 845.191 $\pm$ 201.146 χ^2 /NDF: 7.5/5

Left Out: 577.064 $\pm$ 142.141 χ^2 /NDF: 6.1/9

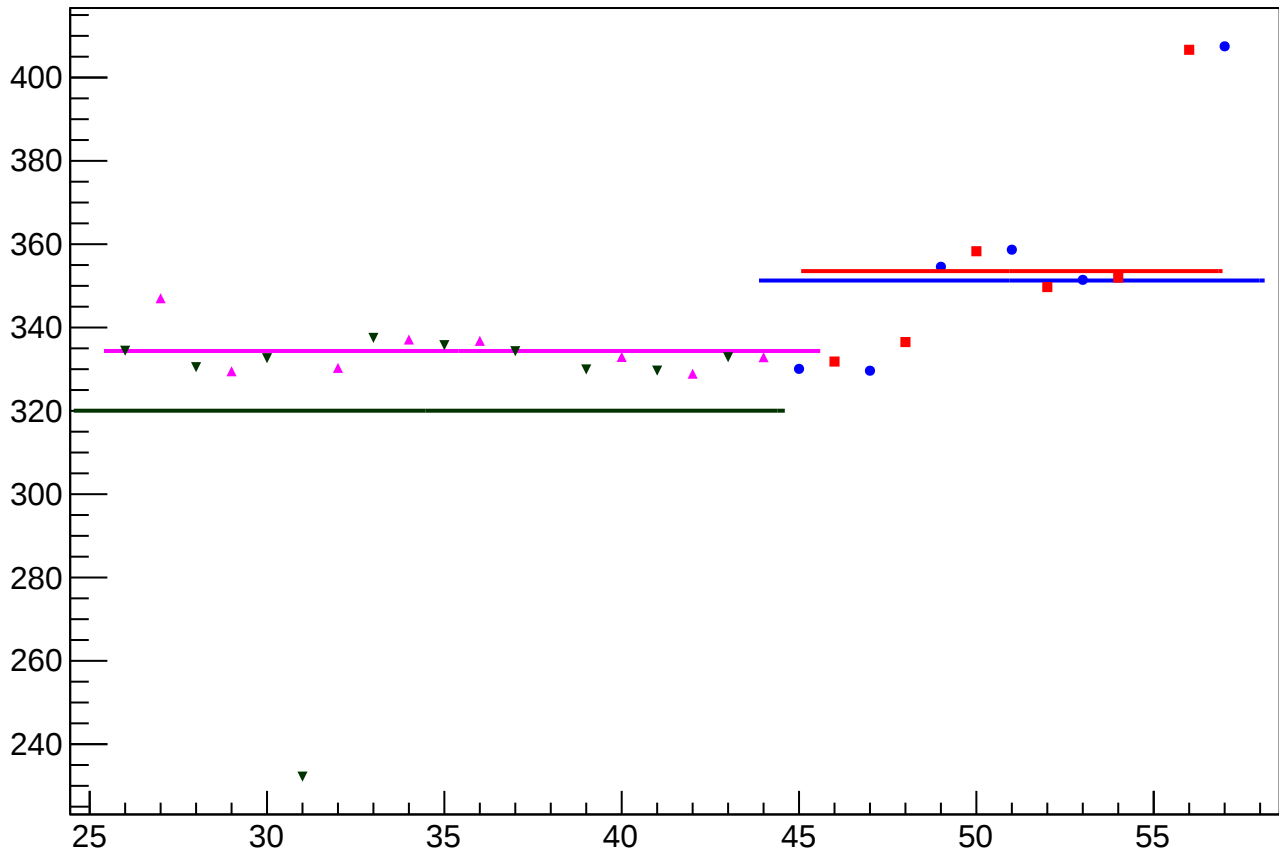
Right Out: -474.601 $\pm$ 205.874 χ^2 /NDF: 9.3/5

Left In: -705.542 $\pm$ 150.152 χ^2 /NDF: 8.0/7

666.364 $\pm$ 116.082 χ^2 /NDF: 14.8/15

-625.352 $\pm$ 121.314 χ^2 /NDF: 18.1/13

reg_asym_at1_avg_rms vs slug



Right In: 351.281 ± 0.142 χ^2/NDF : 29056.4/5

Left Out: 320.038 ± 0.101 χ^2/NDF : 112209.4/9

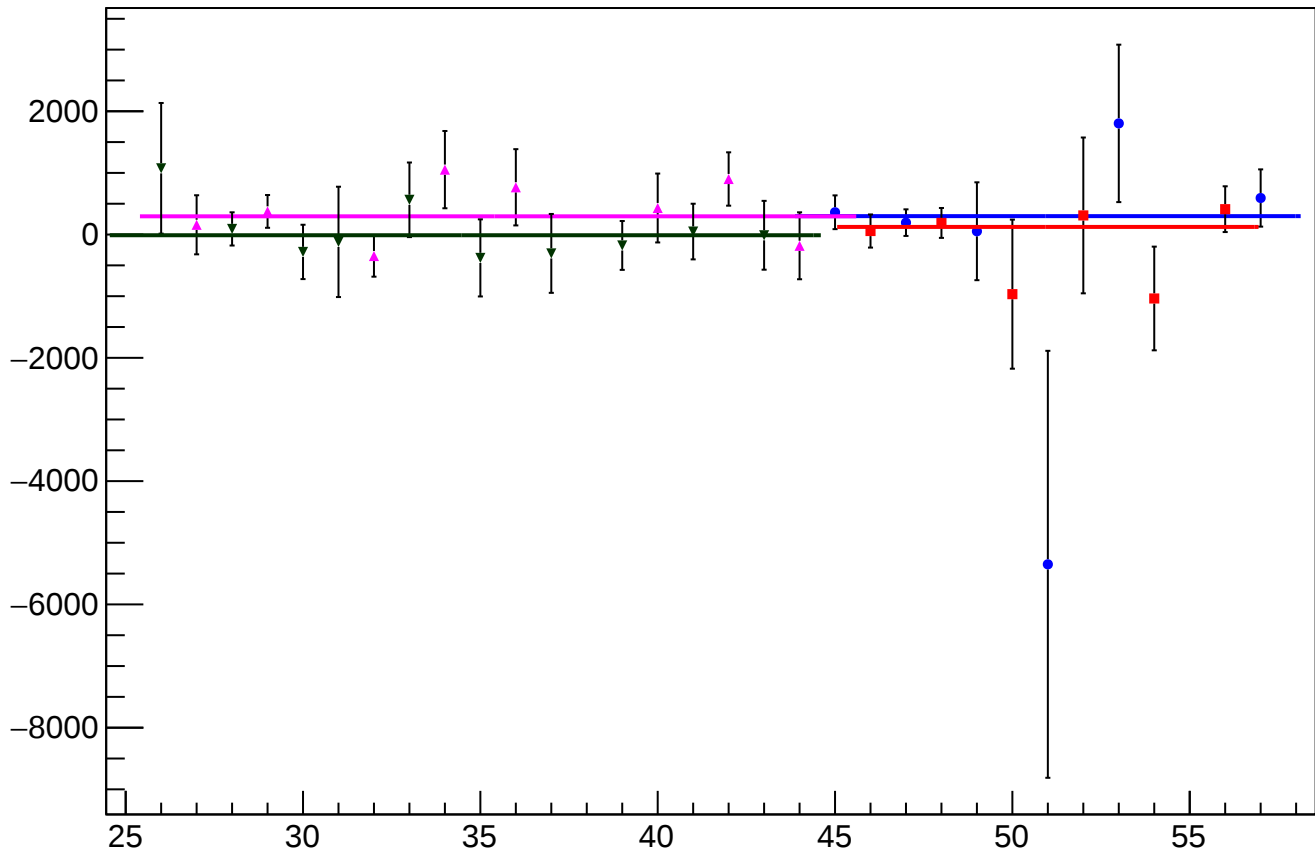
Right Out: 353.541 ± 0.146 χ^2/NDF : 22512.1/5

Left In: 334.371 ± 0.106 χ^2/NDF : 3274.0/7

330.444 ± 0.082 χ^2/NDF : 173446.6/15

341.027 ± 0.086 χ^2/NDF : 37105.5/13

asym_at1_avg_correction_mean vs slug



Right In: 298.672 $\pm$ 154.776 χ^2 /NDF: 4.8/5

Left Out: -11.187 $\pm$ 151.999 χ^2 /NDF: 3.2/9

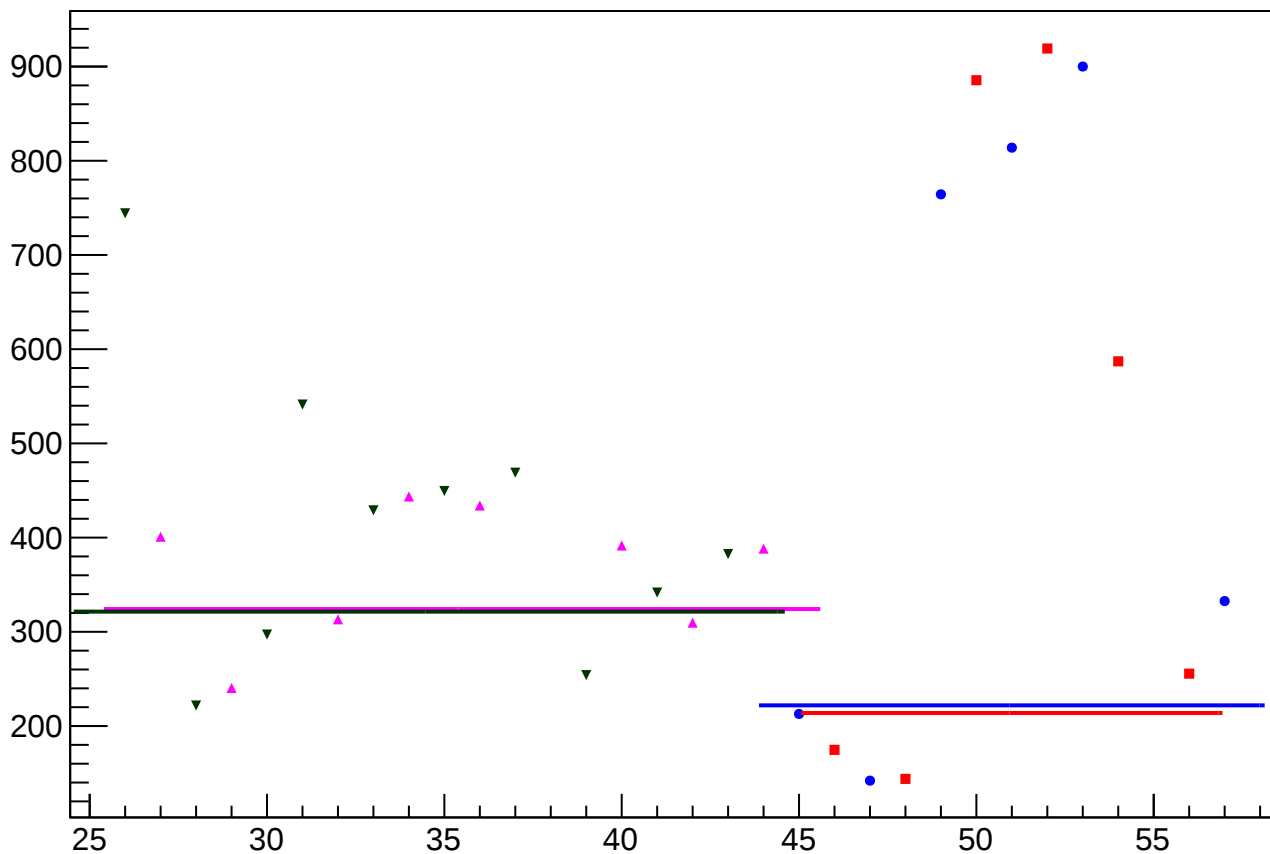
Right Out: 123.725 $\pm$ 156.529 χ^2 /NDF: 3.5/5

Left In: 295.759 $\pm$ 149.916 χ^2 /NDF: 8.7/7

140.938 $\pm$ 108.448 χ^2 /NDF: 10.1/15

213.453 $\pm$ 108.269 χ^2 /NDF: 12.8/13

asym_at1_avg_correction_rms vs slug



Right In: 221.943+/-0.109 χ^2/NDF : 1946572.6/5

Left Out: 321.436+/-0.107 χ^2/NDF :1057868.5/9

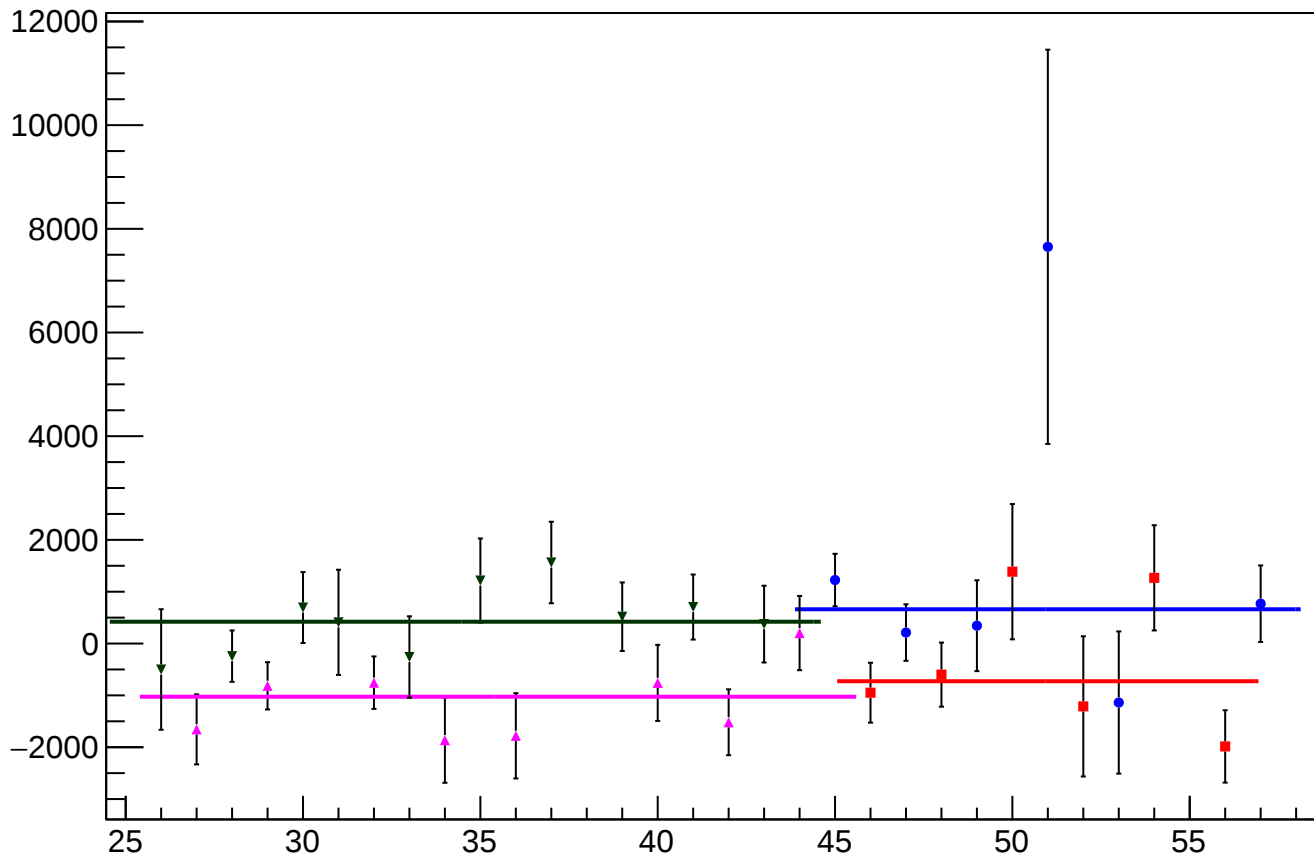
Right Out: 213.860+/-0.111 χ^2/NDF : 1867813.7/5

Left In: 324.185+/-0.106 χ^2/NDF :446845.3/7

272.590+/-0.077 χ^2/NDF : 3425138.0/15

271.402+/-0.077 χ^2/NDF : 2832857.1/13

asym_at1_avg_mean vs slug



Right In: 661.120+/-301.443 χ^2/NDF : 7.2/5

Left Out: 420.888+/-227.441 χ^2/NDF : 6.6/9

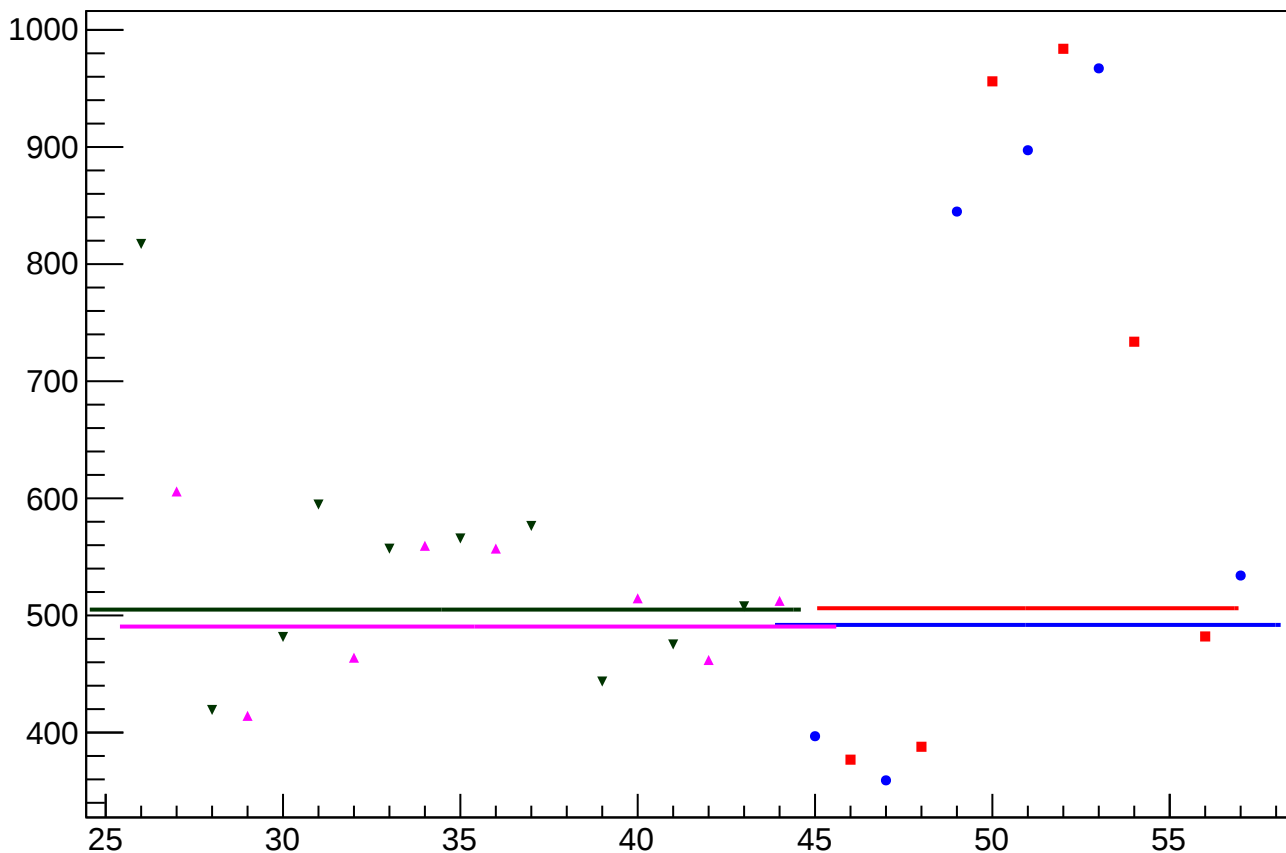
Right Out: -727.122+/-319.954 χ^2/NDF : 10.0/5

Left In: -1025.888+/-222.743 χ^2/NDF : 6.9/7

508.036+/-181.559 χ^2/NDF : 14.2/15

-928.358+/-182.806 χ^2/NDF : 17.6/13

asym_at1_avg_rms vs slug



Right In: 491.913+/-0.213 χ^2/NDF : 782847.7/5

Left Out: 504.992+/-0.161 χ^2/NDF :280293.6/9

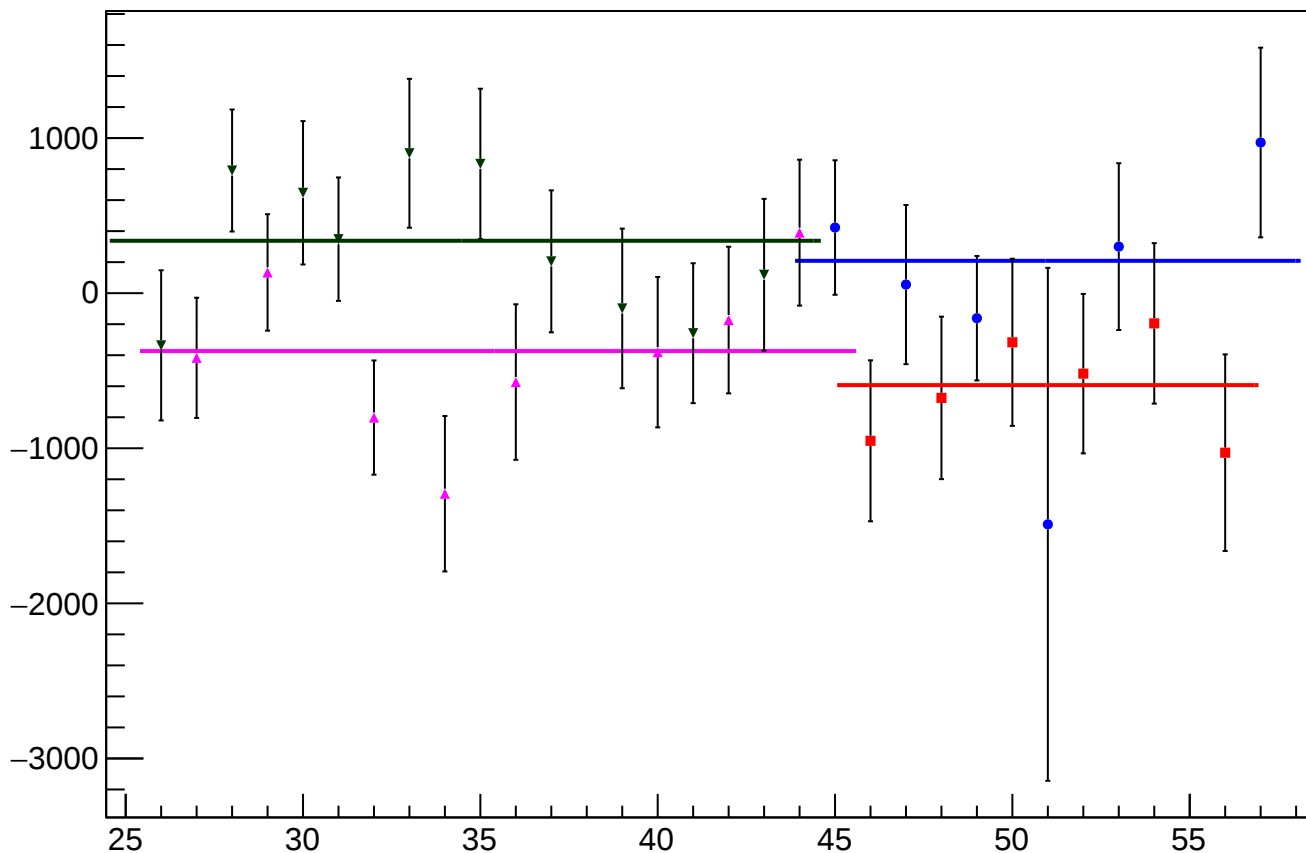
Right Out: 506.151+/-0.226 χ^2/NDF : 763478.4/5

Left In: 490.502+/-0.158 χ^2/NDF :155145.4/7

500.247+/-0.128 χ^2/NDF : 1065540.4/15

495.611+/-0.129 χ^2/NDF : 921846.4/13

reg_asym_at1_dd_mean vs slug



Right In: 208.533 ± 214.061 χ^2/NDF : 3.8/5

Left Out: 337.826 ± 144.392 χ^2/NDF : 8.9/9

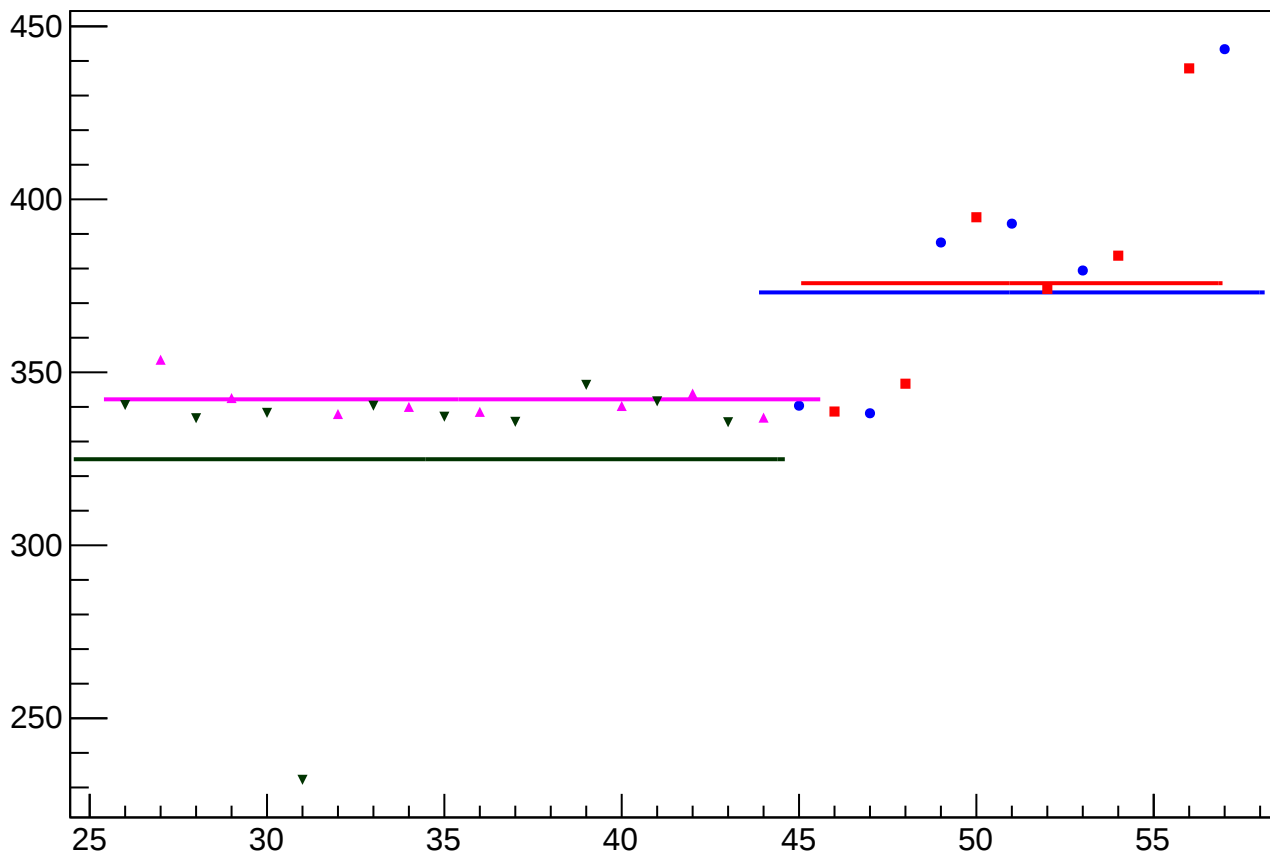
Right Out: -592.847 ± 219.190 χ^2/NDF : 1.9/5

Left In: -373.235 ± 153.688 χ^2/NDF : 9.5/7

297.395 ± 119.705 χ^2/NDF : 13.0/15

-445.617 ± 125.837 χ^2/NDF : 12.1/13

reg_asym_at1_dd_rms vs slug



Right In: 373.098+/-0.151 χ^2/NDF : 50267.3/5

Left Out: 324.881+/-0.102 χ^2/NDF :125698.7/9

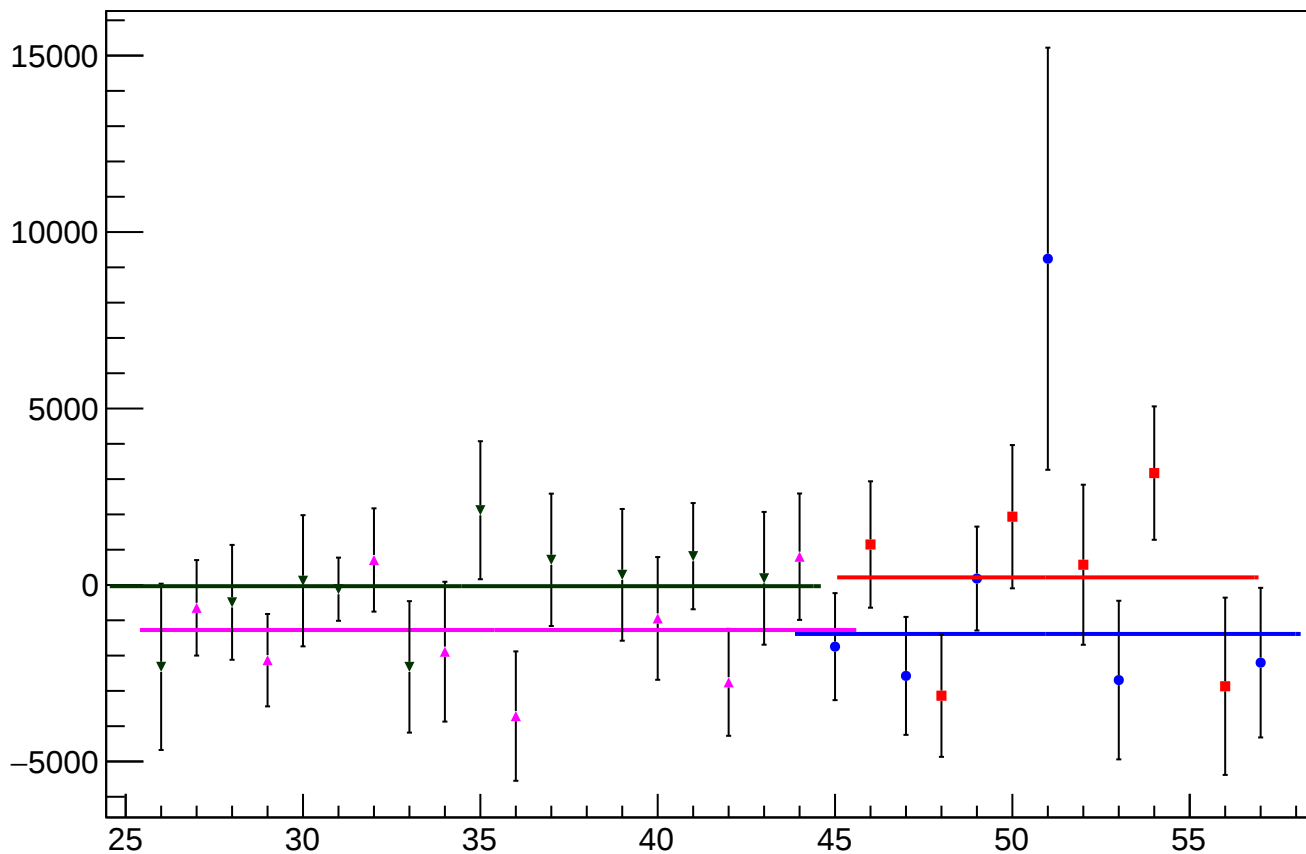
Right Out: 375.764+/-0.155 χ^2/NDF : 38569.4/5

Left In: 342.194+/-0.109 χ^2/NDF :2464.7/7

339.959+/-0.085 χ^2/NDF : 245707.9/15

353.258+/-0.089 χ^2/NDF : 72485.6/13

asym_at1_dd_correction_mean vs slug



Right In: -1386.592 $\pm$ 766.200 χ^2 /NDF: 5.3/5

Left Out: -33.360 $\pm$ 503.702 χ^2 /NDF: 4.3/9

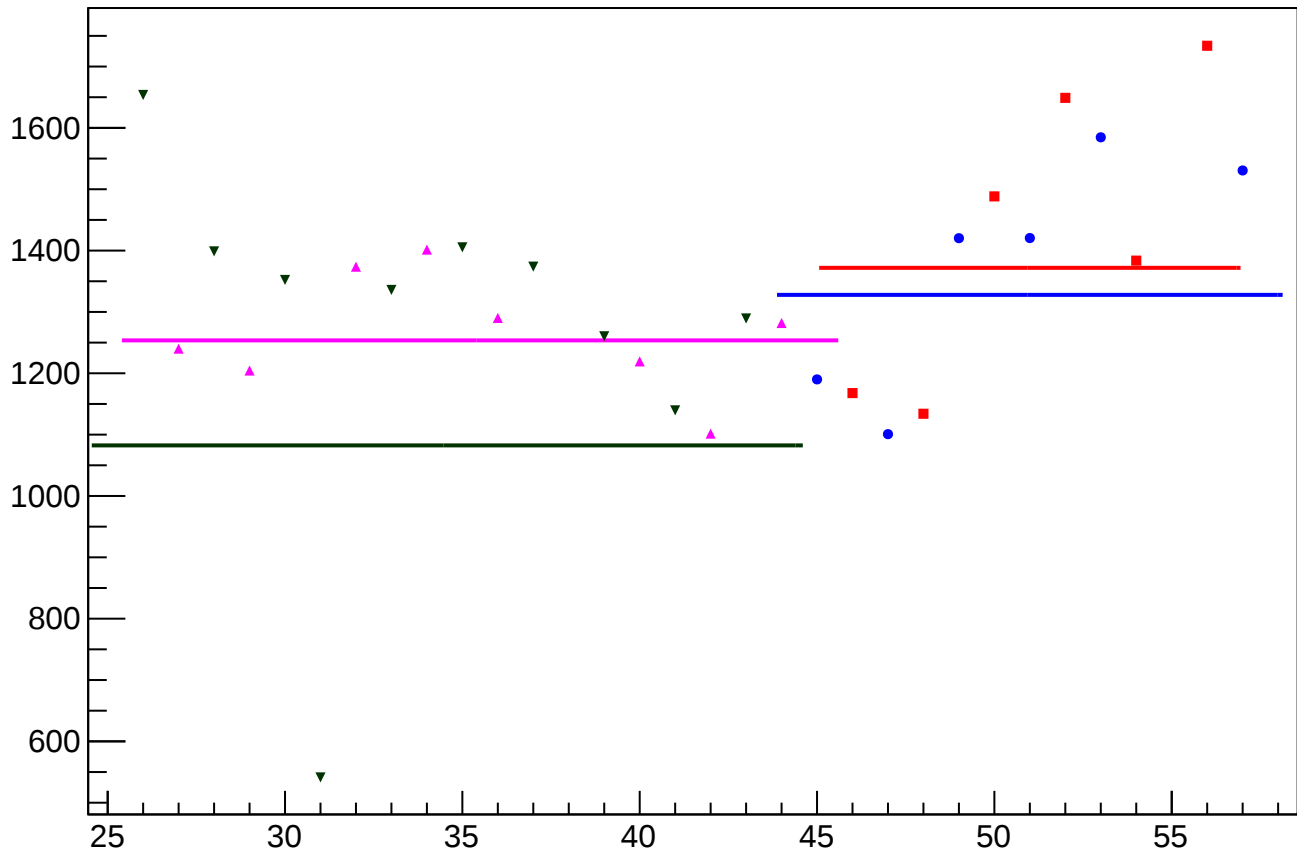
Right Out: 215.830 $\pm$ 810.966 χ^2 /NDF: 8.7/5

Left In: -1275.228 $\pm$ 556.624 χ^2 /NDF: 6.7/7

-441.715 $\pm$ 420.896 χ^2 /NDF: 11.8/15

-797.733 $\pm$ 458.923 χ^2 /NDF: 17.7/13

asym_at1_dd_correction_rms vs slug



Right In: 1327.824+/-0.542 χ^2/NDF : 106242.8/5

Left Out: 1082.447+/-0.356 χ^2/NDF :1151669.7/9

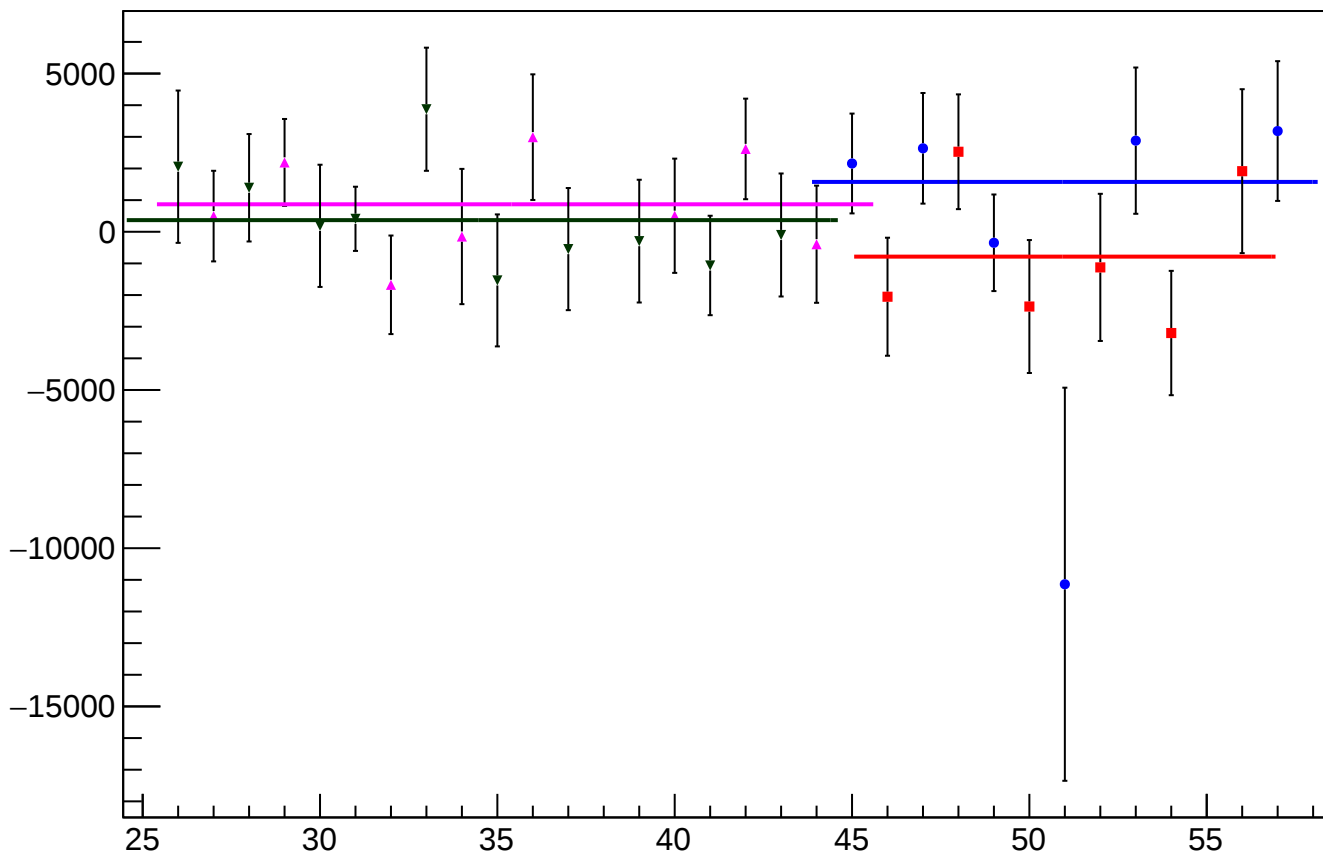
Right Out: 1371.892+/-0.573 χ^2/NDF : 141749.4/5

Left In: 1253.630+/-0.394 χ^2/NDF :49852.6/7

1156.493+/-0.298 χ^2/NDF : 1401136.3/15

1291.502+/-0.325 χ^2/NDF : 220513.7/13

asym_at1_dd_mean vs slug



Right In: 1575.532 $\pm$ 796.386 χ^2 /NDF: 7.1/5

Left Out: 367.665 $\pm$ 537.785 χ^2 /NDF: 6.2/9

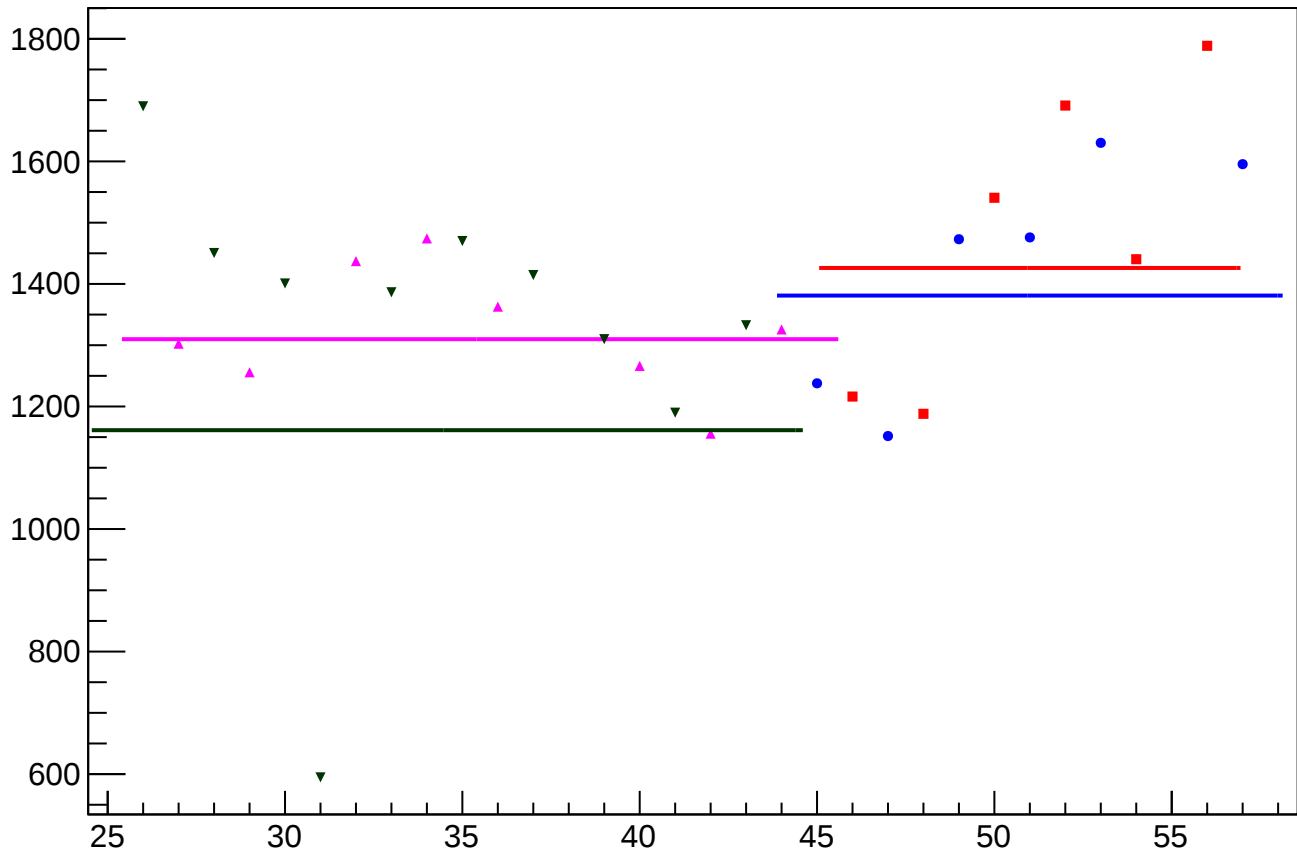
Right Out: -785.532 $\pm$ 841.803 χ^2 /NDF: 7.0/5

Left In: 868.425 $\pm$ 587.420 χ^2 /NDF: 6.8/7

745.956 $\pm$ 445.684 χ^2 /NDF: 14.9/15

326.790 $\pm$ 481.728 χ^2 /NDF: 16.3/13

asym_at1_dd_rms vs slug



Right In: 1381.022+/-0.563 χ^2/NDF : 100734.6/5

Left Out: 1161.322+/-0.380 χ^2/NDF :942121.1/9

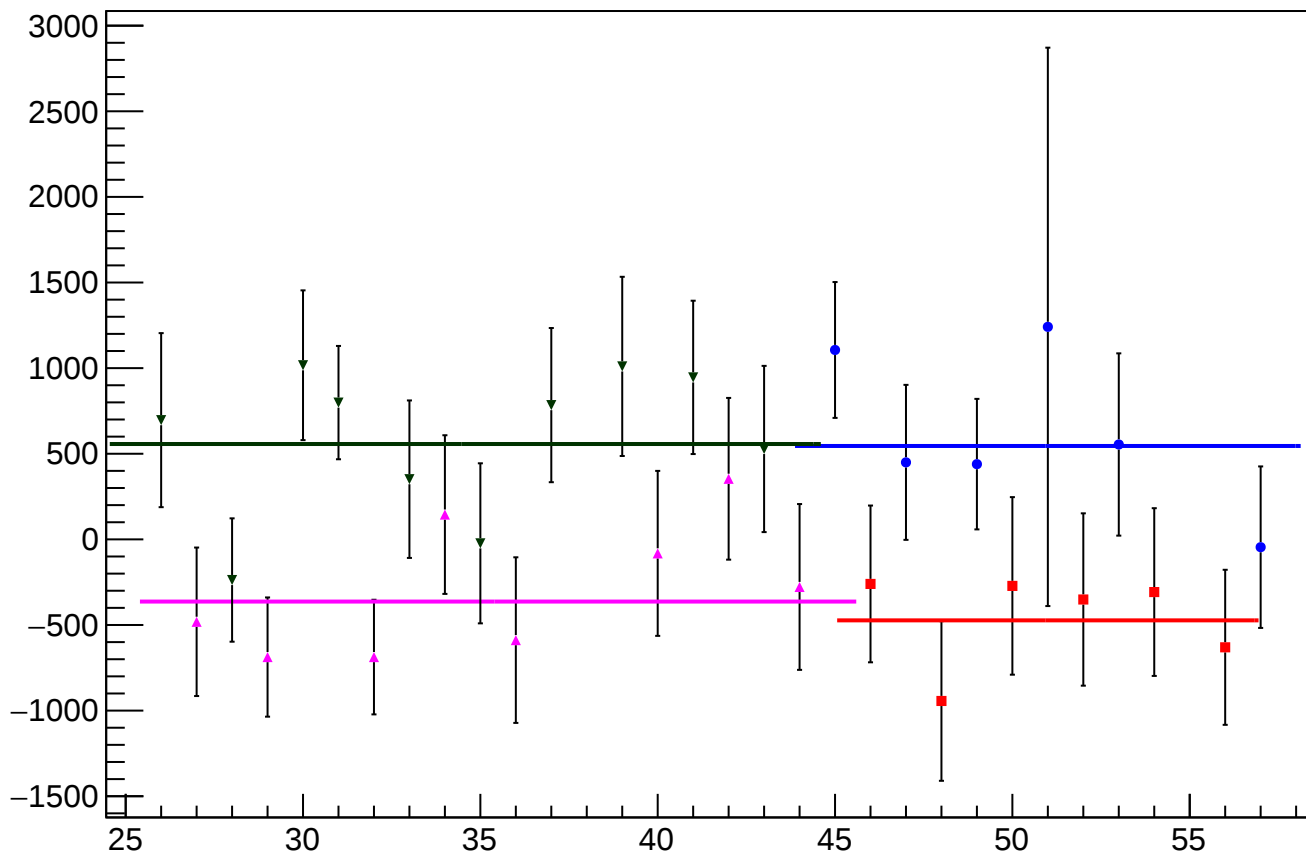
Right Out: 1426.079+/-0.595 χ^2/NDF : 131004.9/5

Left In: 1309.822+/-0.415 χ^2/NDF :49968.8/7

1230.130+/-0.315 χ^2/NDF : 1147394.3/15

1347.894+/-0.341 χ^2/NDF : 206627.7/13

reg_asym_at2_avg_mean vs slug



Right In: 545.435 $\pm$ 194.158 χ^2/NDF : 3.9/5

Left Out: 556.863 $\pm$ 137.272 χ^2/NDF :10.1/9

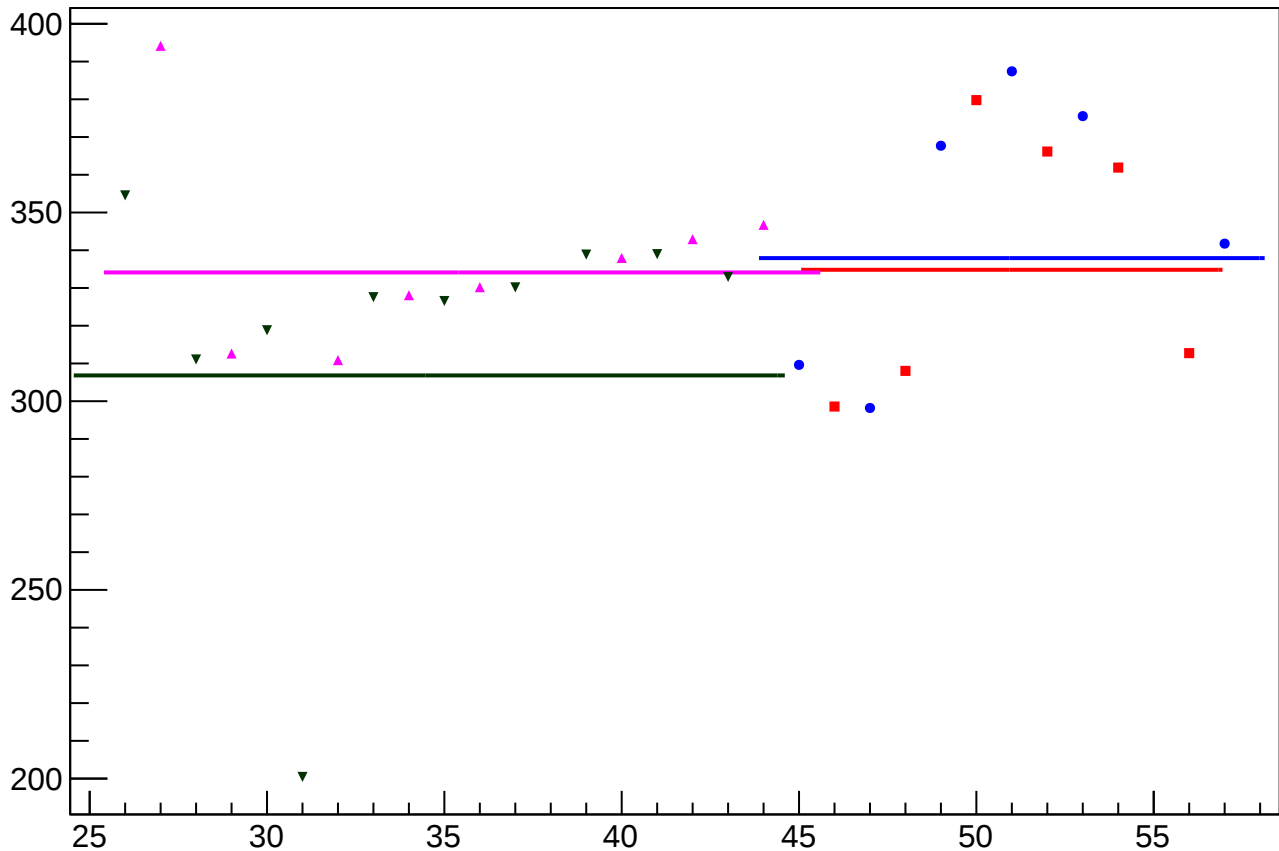
Right Out: -472.993 $\pm$ 195.778 χ^2/NDF : 1.7/5

Left In: -363.206 $\pm$ 149.925 χ^2/NDF :6.0/7

553.055 $\pm$ 112.087 χ^2/NDF : 14.0/15

-403.789 $\pm$ 119.032 χ^2/NDF : 7.9/13

reg_asym_at2_avg_rms vs slug



Right In: 337.917 ± 0.137 χ^2/NDF : 49753.2/5

Left Out: 306.830 ± 0.097 χ^2/NDF : 262678.8/9

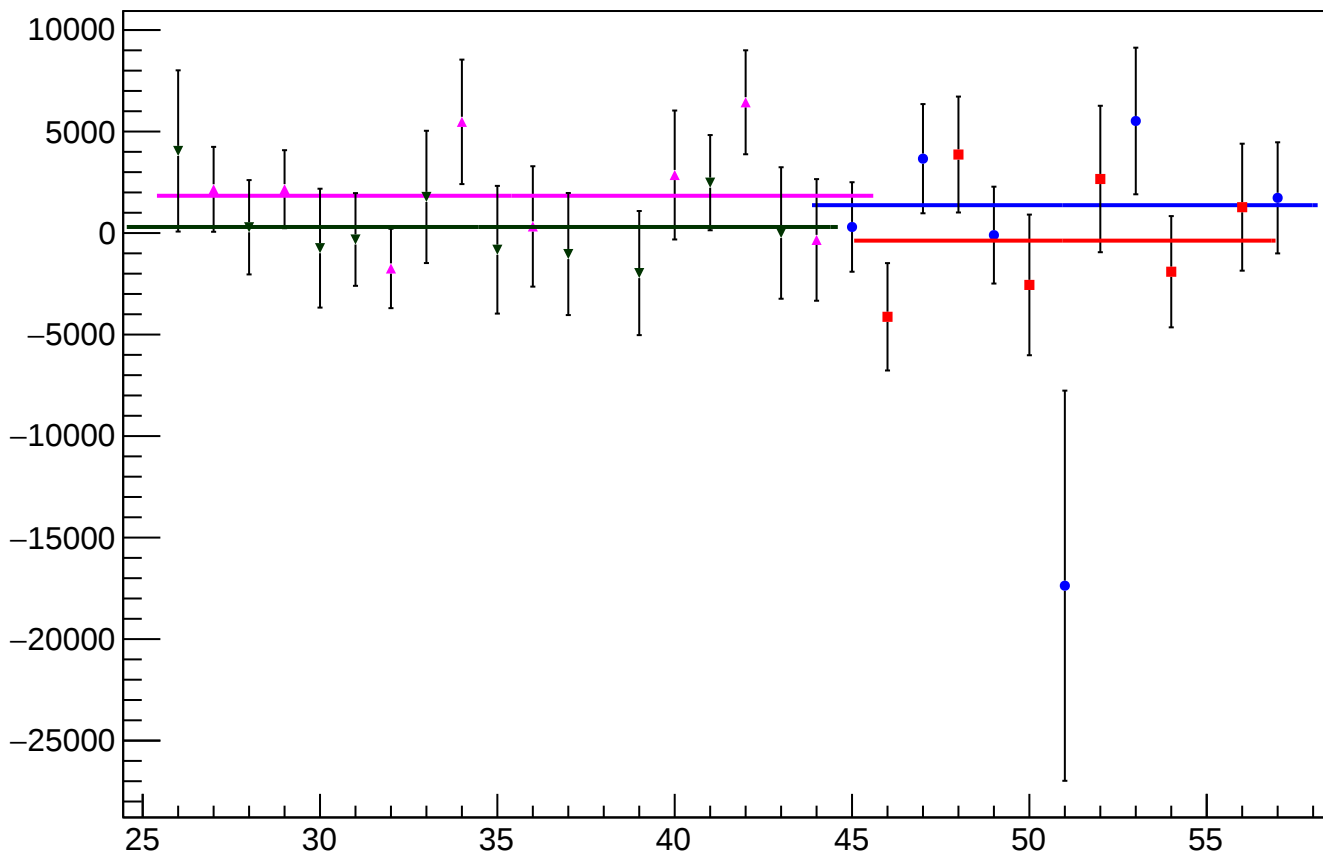
Right Out: 334.822 ± 0.138 χ^2/NDF : 52804.3/5

Left In: 334.120 ± 0.106 χ^2/NDF : 58261.7/7

317.190 ± 0.079 χ^2/NDF : 346616.4/15

334.380 ± 0.084 χ^2/NDF : 111082.2/13

asym_at2_avg_correction_mean vs slug



Right In: 1372.680+/-1161.843 χ^2/NDF : 6.5/5

Left Out: 298.949+/-895.409 χ^2/NDF : 3.0/9

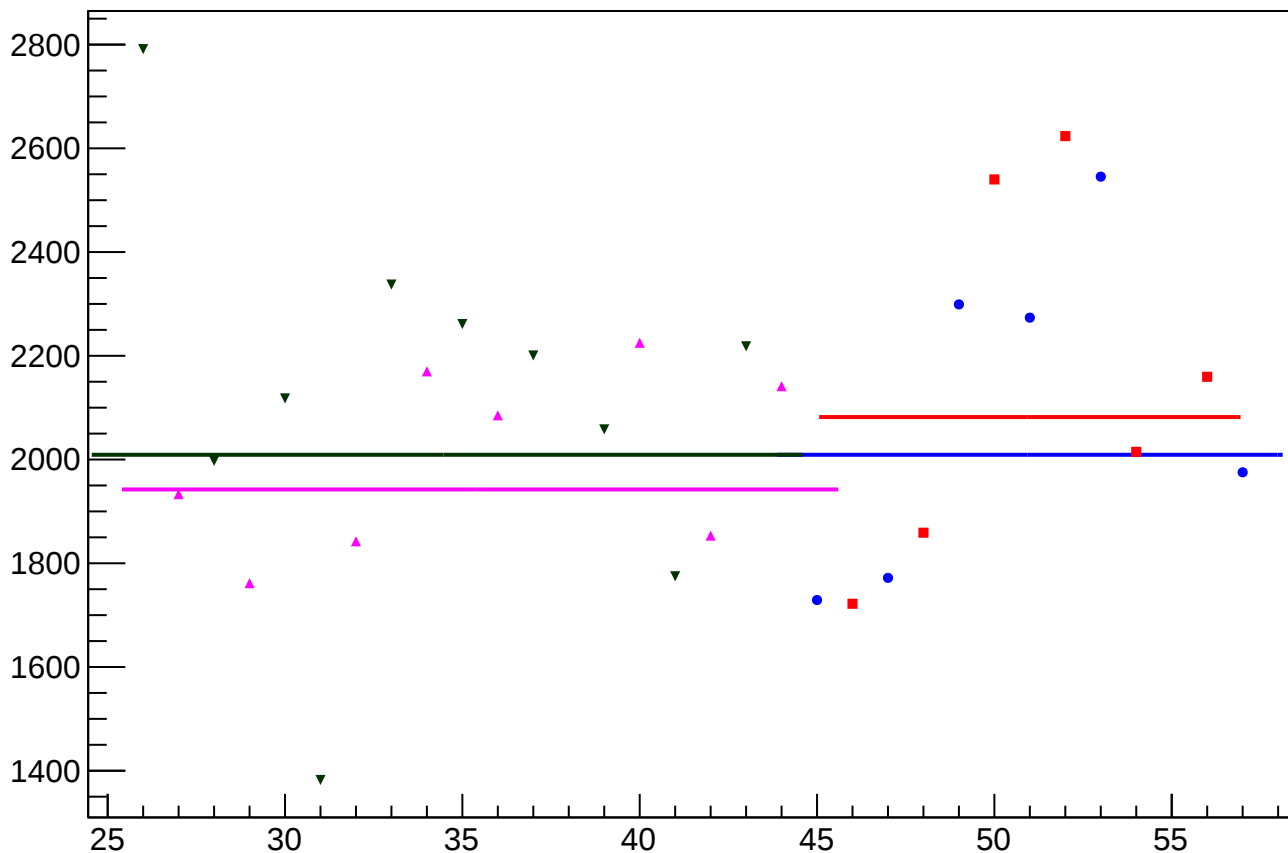
Right Out: -373.531+/-1229.589 χ^2/NDF : 5.9/5

Left In: 1836.605+/-862.395 χ^2/NDF : 8.9/7

699.050+/-709.226 χ^2/NDF : 10.1/15

1107.875+/-706.047 χ^2/NDF : 17.0/13

asym_at2_avg_correction_rms vs slug



Right In: 2009.165 $\pm$ 0.822 χ^2/NDF : 123311.8/5

Left Out: 2009.181 $\pm$ 0.633 χ^2/NDF : 301244.6/9

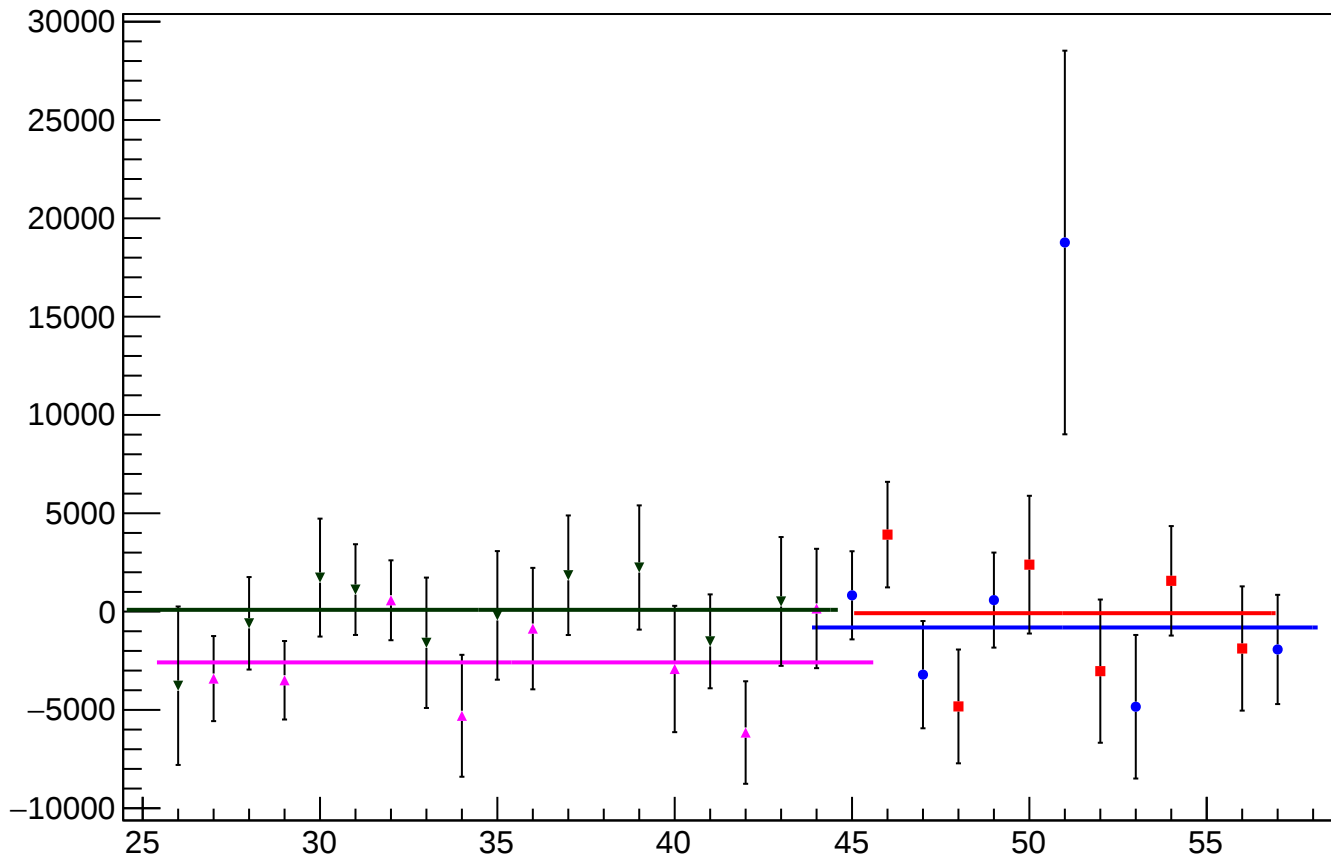
Right Out: 2081.907 $\pm$ 0.869 χ^2/NDF : 131811.0/5

Left In: 1942.327 $\pm$ 0.610 χ^2/NDF : 65743.5/7

2009.175 $\pm$ 0.501 χ^2/NDF : 424556.4/15

1988.349 $\pm$ 0.499 χ^2/NDF : 214829.4/13

asym_at2_avg_mean vs slug



Right In: -807.643+/-1178.542 χ^2/NDF : 7.0/5

Left Out: 89.516+/-911.791 χ^2/NDF :3.0/9

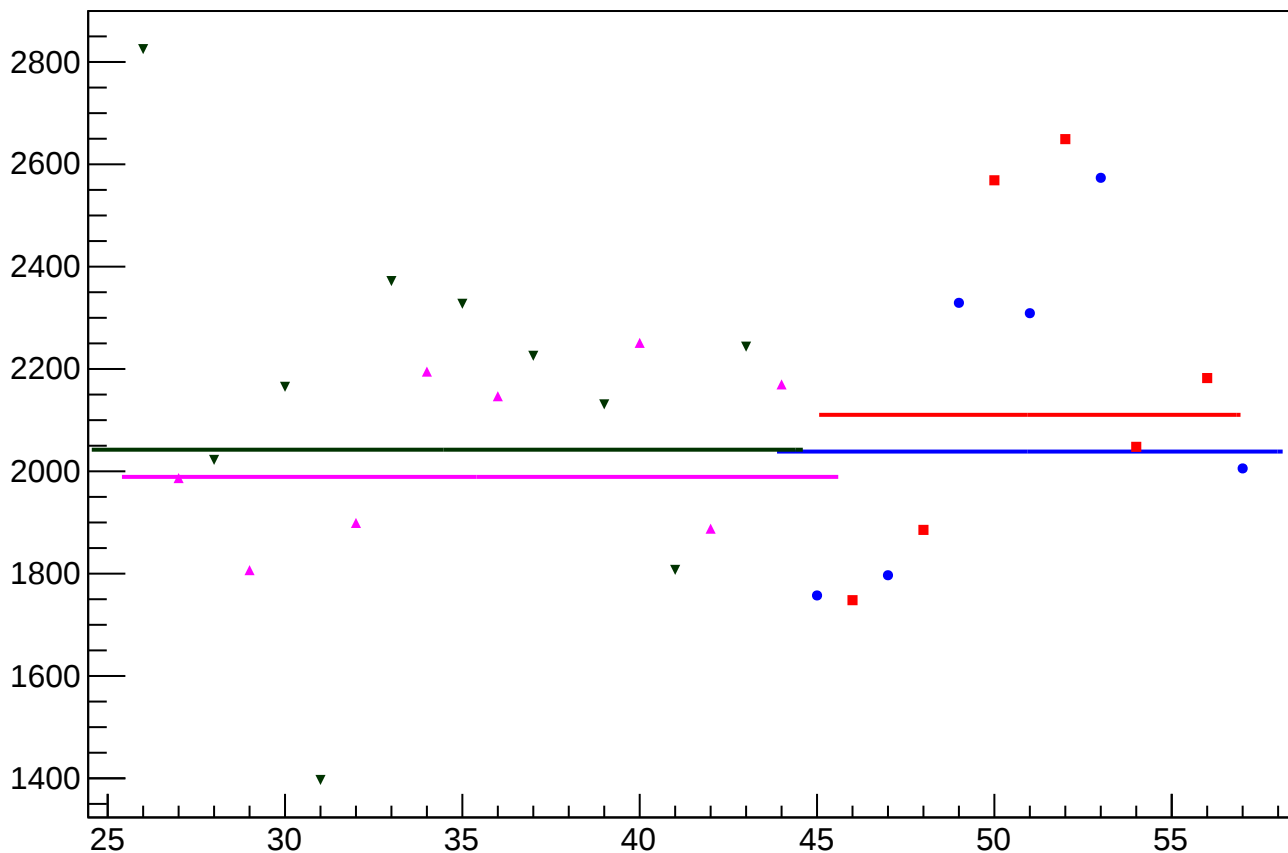
Right Out: -81.248+/-1245.895 χ^2/NDF : 6.7/5

Left In: -2584.001+/-887.895 χ^2/NDF :6.5/7

-246.410+/-721.161 χ^2/NDF : 10.4/15

-1741.031+/-723.067 χ^2/NDF : 15.9/13

asym_at2_avg_rms vs slug



Right In: 2038.603+/-0.833 χ^2/NDF : 120918.2/5

Left Out: 2042.242+/-0.645 χ^2/NDF :306288.1/9

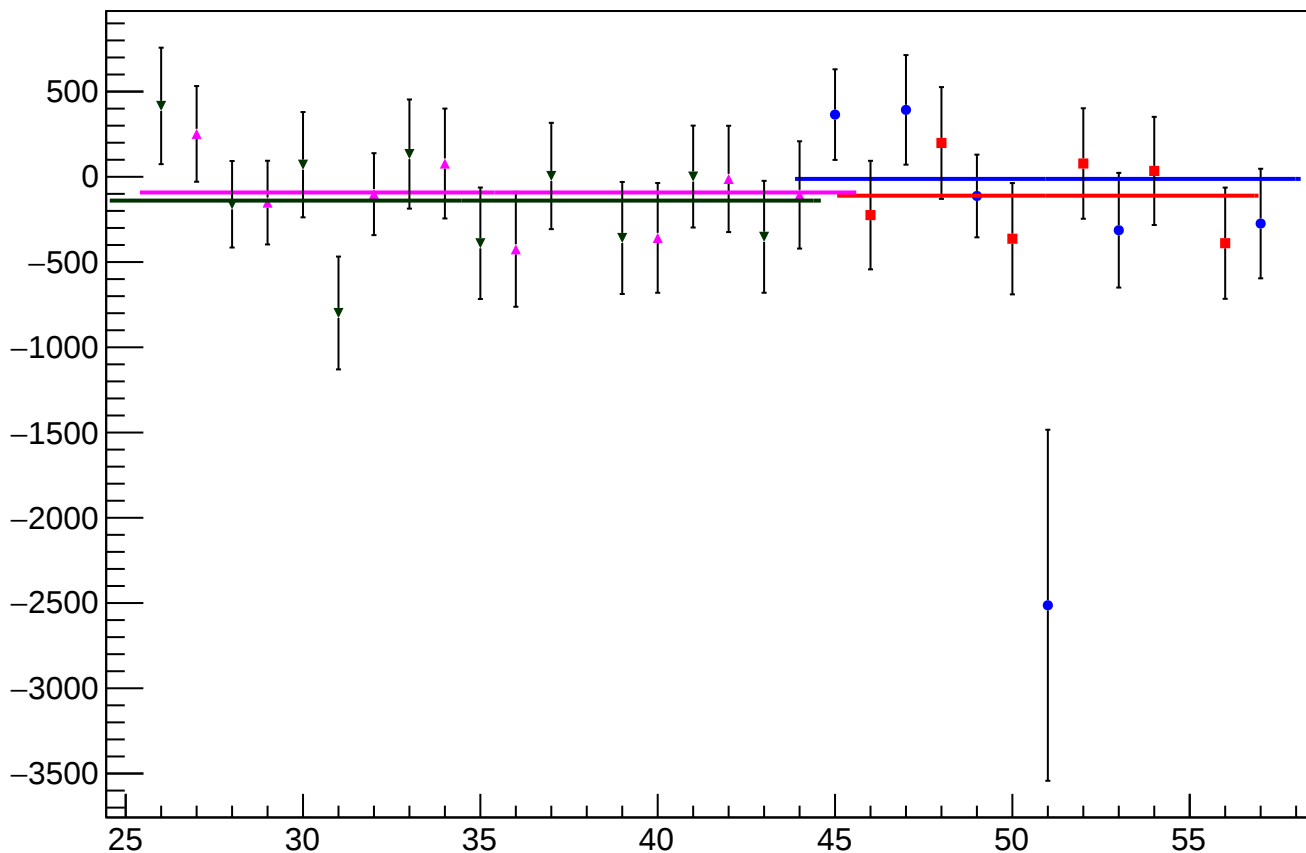
Right Out: 2110.389+/-0.881 χ^2/NDF : 128583.6/5

Left In: 1989.107+/-0.628 χ^2/NDF :58031.4/7

2040.879+/-0.510 χ^2/NDF : 427218.3/15

2029.957+/-0.511 χ^2/NDF : 199183.8/13

reg_asym_at2_dd_mean vs slug



Right In: -12.232 $\pm$ 128.764 χ^2 /NDF: 11.1/5

Left Out: -139.503 $\pm$ 98.600 χ^2 /NDF: 9.7/9

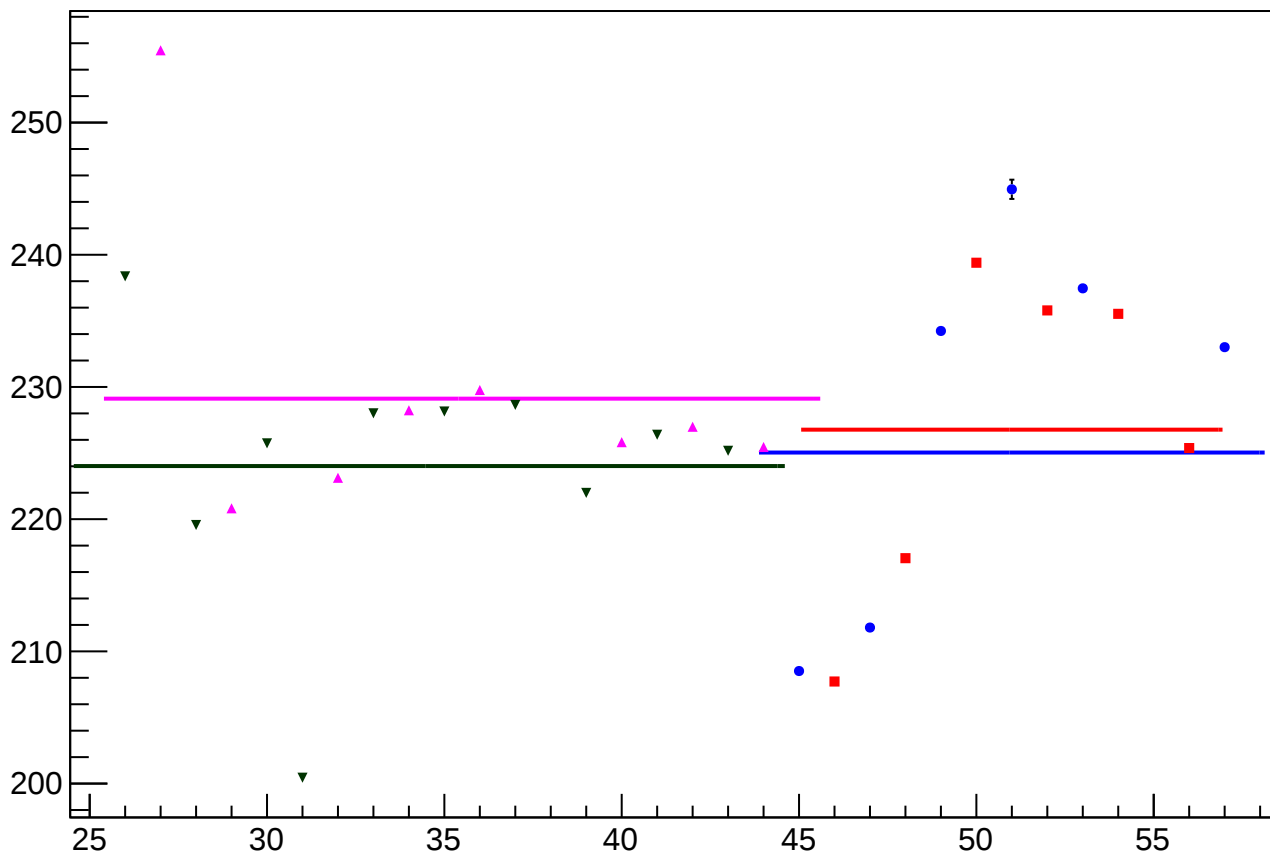
Right Out: -110.624 $\pm$ 131.971 χ^2 /NDF: 2.9/5

Left In: -91.824 $\pm$ 102.556 χ^2 /NDF: 3.6/7

-92.460 $\pm$ 78.284 χ^2 /NDF: 21.5/15

-98.902 $\pm$ 80.979 χ^2 /NDF: 6.5/13

reg_asym_at2_dd_rms vs slug



Right In: 225.040 $\pm$ 0.091 χ^2 /NDF: 18709.8/5

Left Out: 224.018 $\pm$ 0.070 χ^2 /NDF:15653.5/9

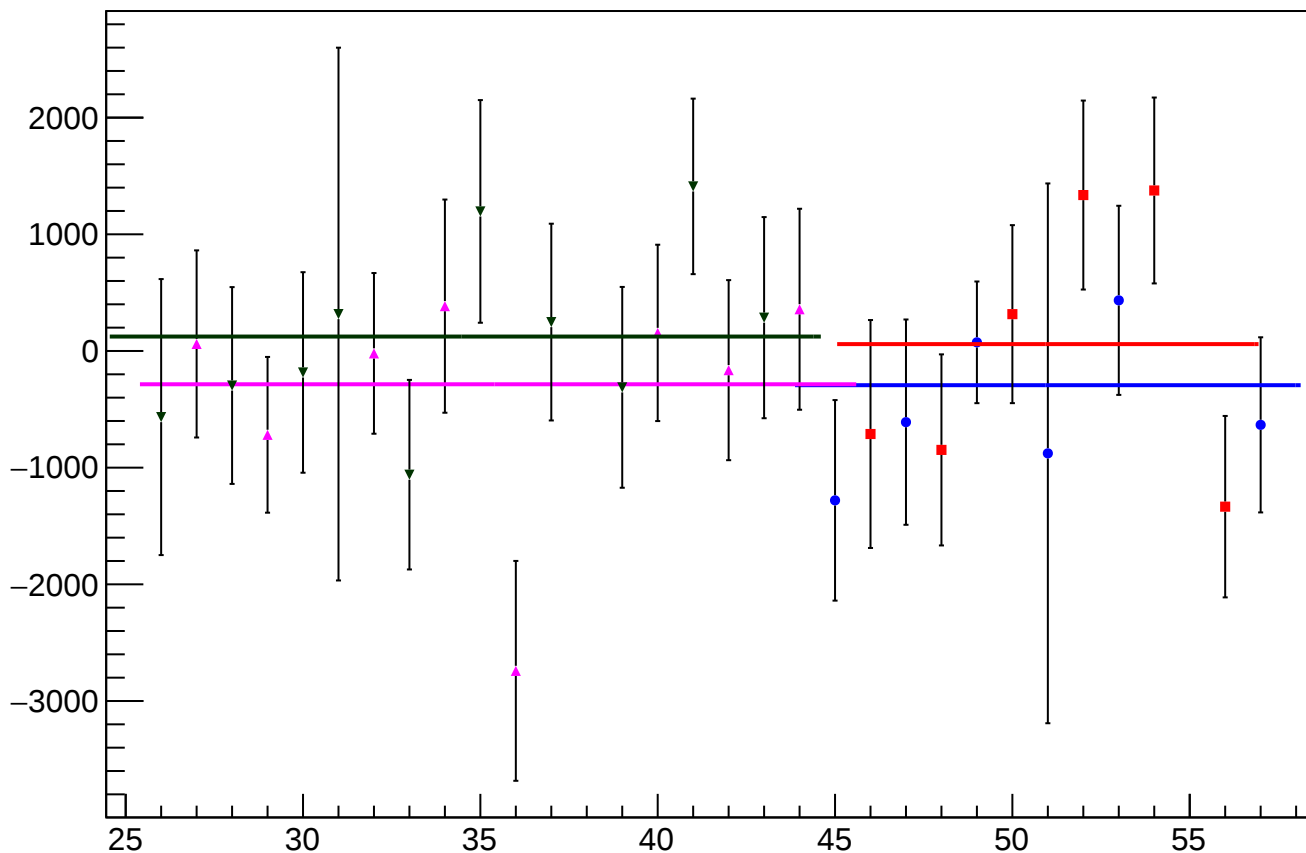
Right Out: 226.770 $\pm$ 0.093 χ^2 /NDF: 15025.8/5

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF:21746.8/7

224.395 $\pm$ 0.055 χ^2 /NDF: 34442.7/15

228.233 $\pm$ 0.057 χ^2 /NDF: 37166.5/13

asym_at2_dd_correction_mean vs slug



Right In: -293.202 $\pm$ 319.304 χ^2 /NDF: 3.0/5

Left Out: 123.706 $\pm$ 286.884 χ^2 /NDF: 7.4/9

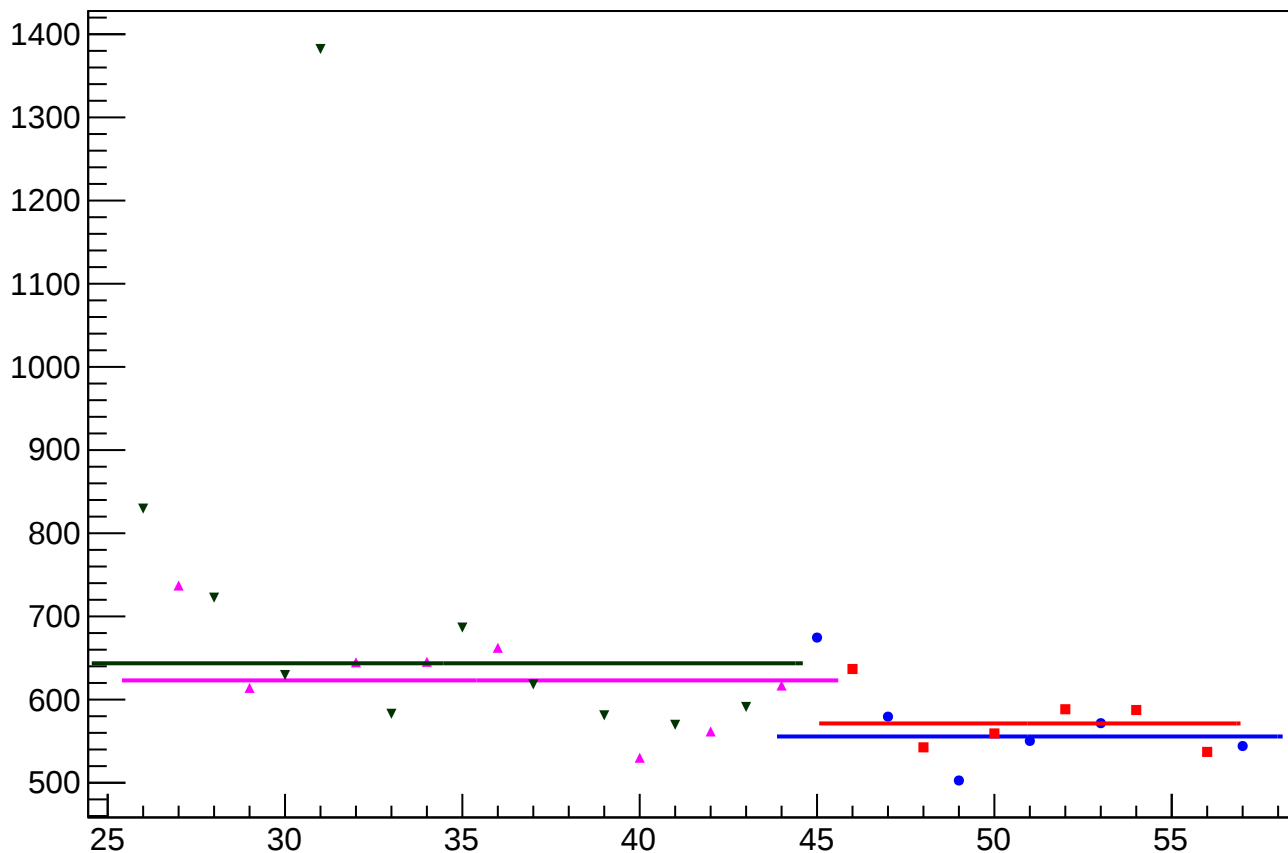
Right Out: 58.887 $\pm$ 333.103 χ^2 /NDF: 10.4/5

Left In: -285.318 $\pm$ 277.235 χ^2 /NDF: 9.0/7

-62.514 $\pm$ 213.402 χ^2 /NDF: 11.3/15

-144.461 $\pm$ 213.088 χ^2 /NDF: 20.0/13

asym_at2_dd_correction_rms vs slug



Right In: 555.663+/-0.226 χ^2/NDF : 61617.9/5

Left Out: 643.644+/-0.203 χ^2/NDF : 331127.9/9

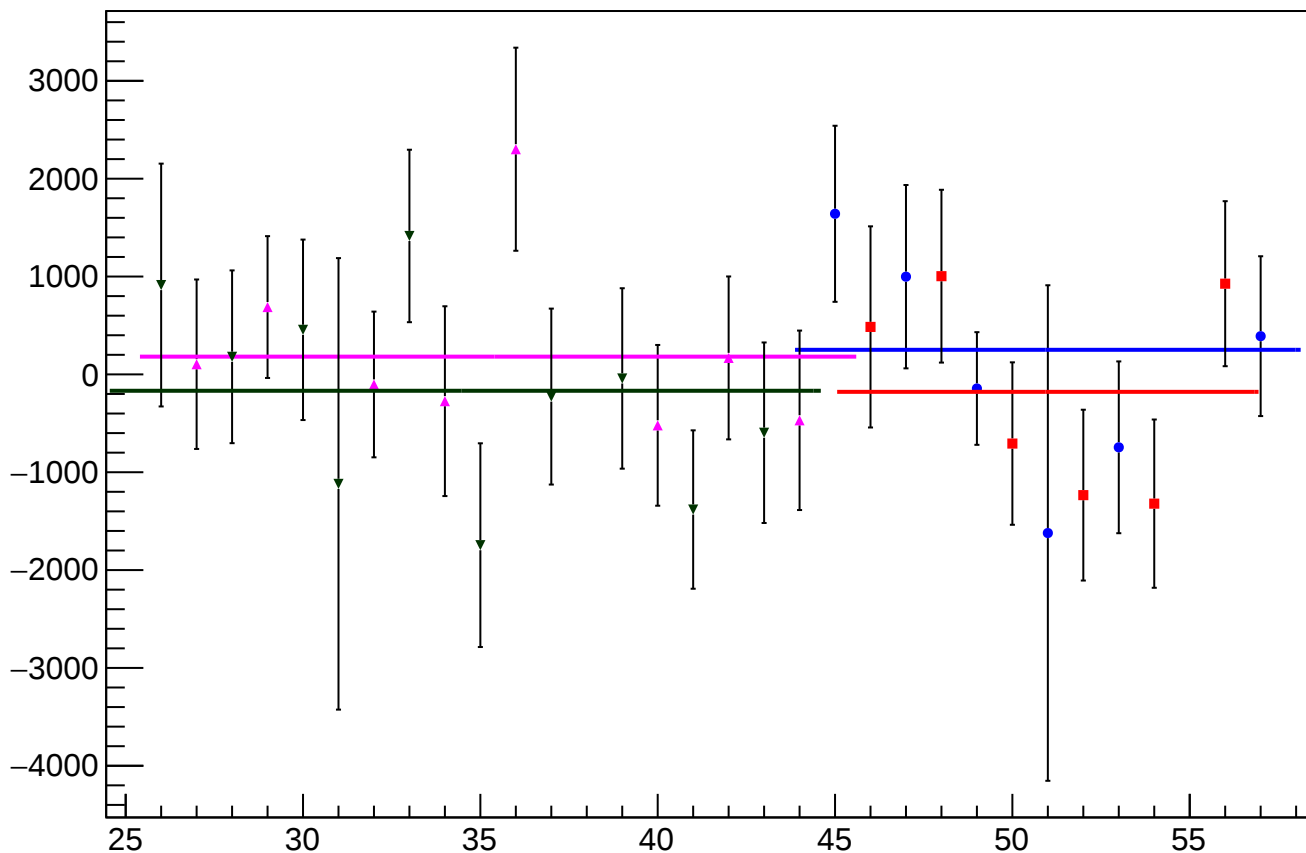
Right Out: 571.314+/-0.236 χ^2/NDF : 17523.8/5

Left In: 623.079+/-0.196 χ^2/NDF : 90546.5/7

604.345+/-0.151 χ^2/NDF : 476765.4/15

601.895+/-0.151 χ^2/NDF : 136603.9/13

asym_at2_dd_mean vs slug



Right In: 251.182 $\pm$ 346.181 χ^2 /NDF: 5.4/5

Left Out: -167.454 $\pm$ 306.843 χ^2 /NDF:9.5/9

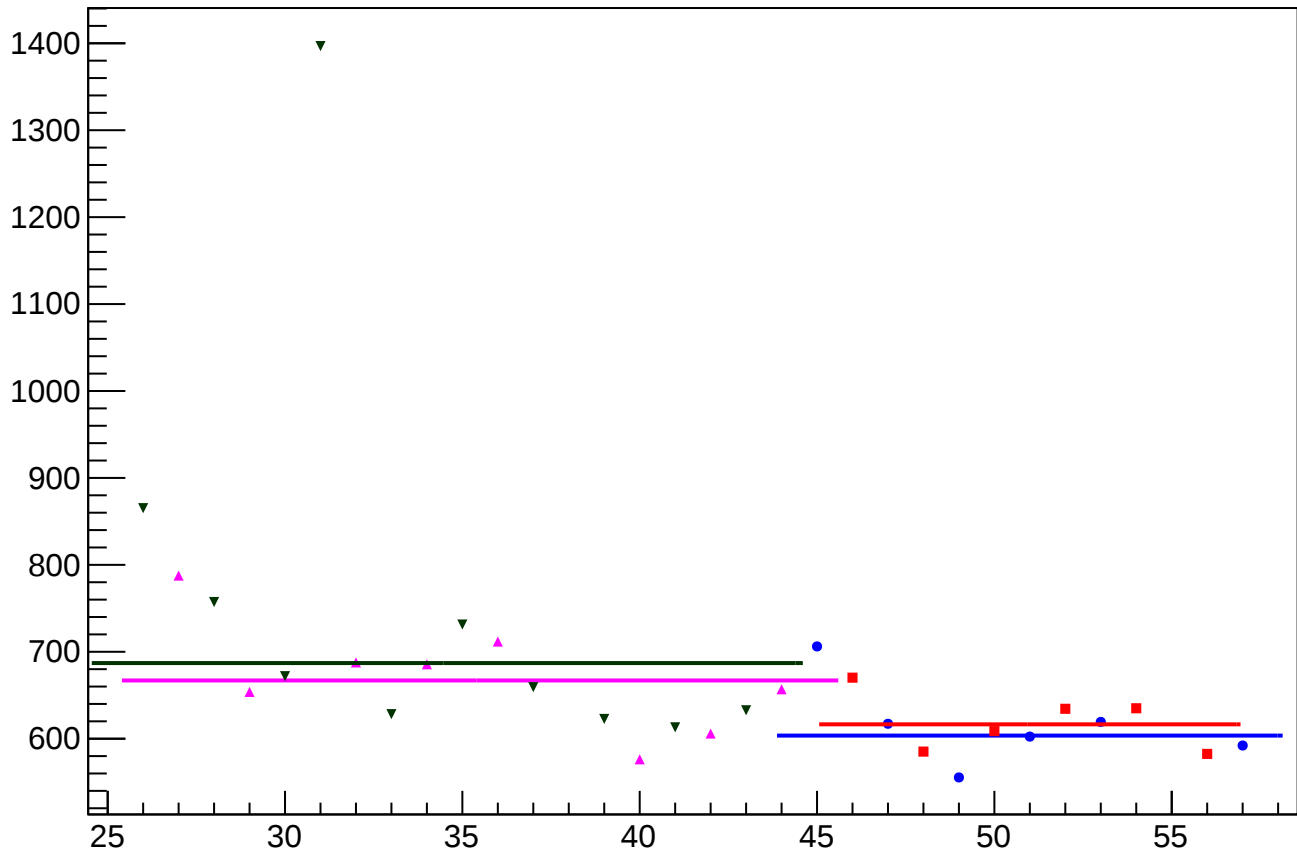
Right Out: -178.376 $\pm$ 359.177 χ^2 /NDF: 7.6/5

Left In: 181.369 $\pm$ 299.524 χ^2 /NDF:6.3/7

16.737 $\pm$ 229.625 χ^2 /NDF: 15.7/15

33.811 $\pm$ 230.034 χ^2 /NDF: 14.4/13

asym_at2_dd_rms vs slug



Right In: 603.594 ± 0.245 χ^2/NDF : 41433.1/5

Left Out: 687.034 ± 0.217 χ^2/NDF : 291456.1/9

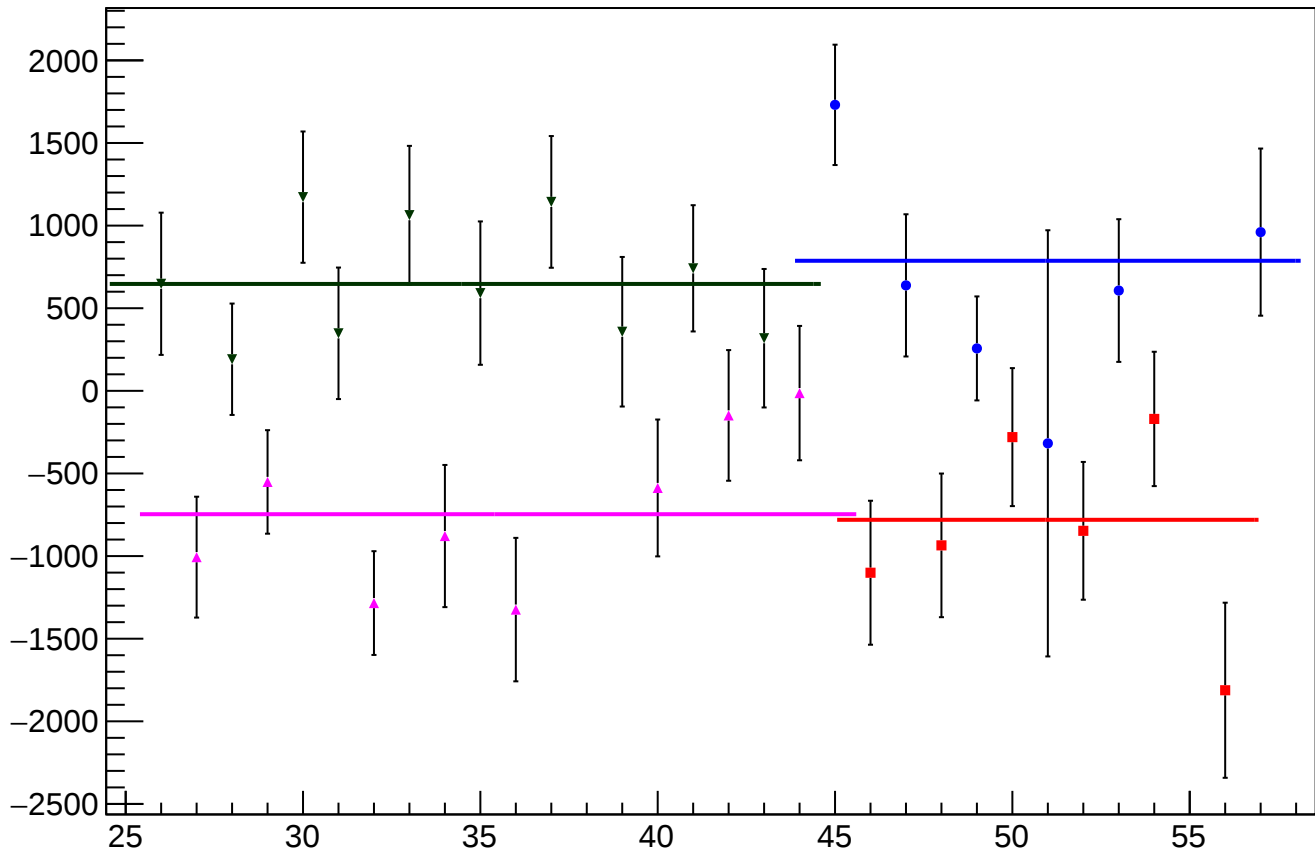
Right Out: 616.527 ± 0.254 χ^2/NDF : 13169.0/5

Left In: 667.018 ± 0.212 χ^2/NDF : 80872.4/7

650.322 ± 0.162 χ^2/NDF : 397959.3/15

646.308 ± 0.163 χ^2/NDF : 117352.2/13

reg_asym_atl1r2_avg_mean vs slug



Right In: 787.171+/-174.306 χ^2/NDF : 10.7/5

Left Out: 646.945+/-127.436 χ^2/NDF : 7.8/9

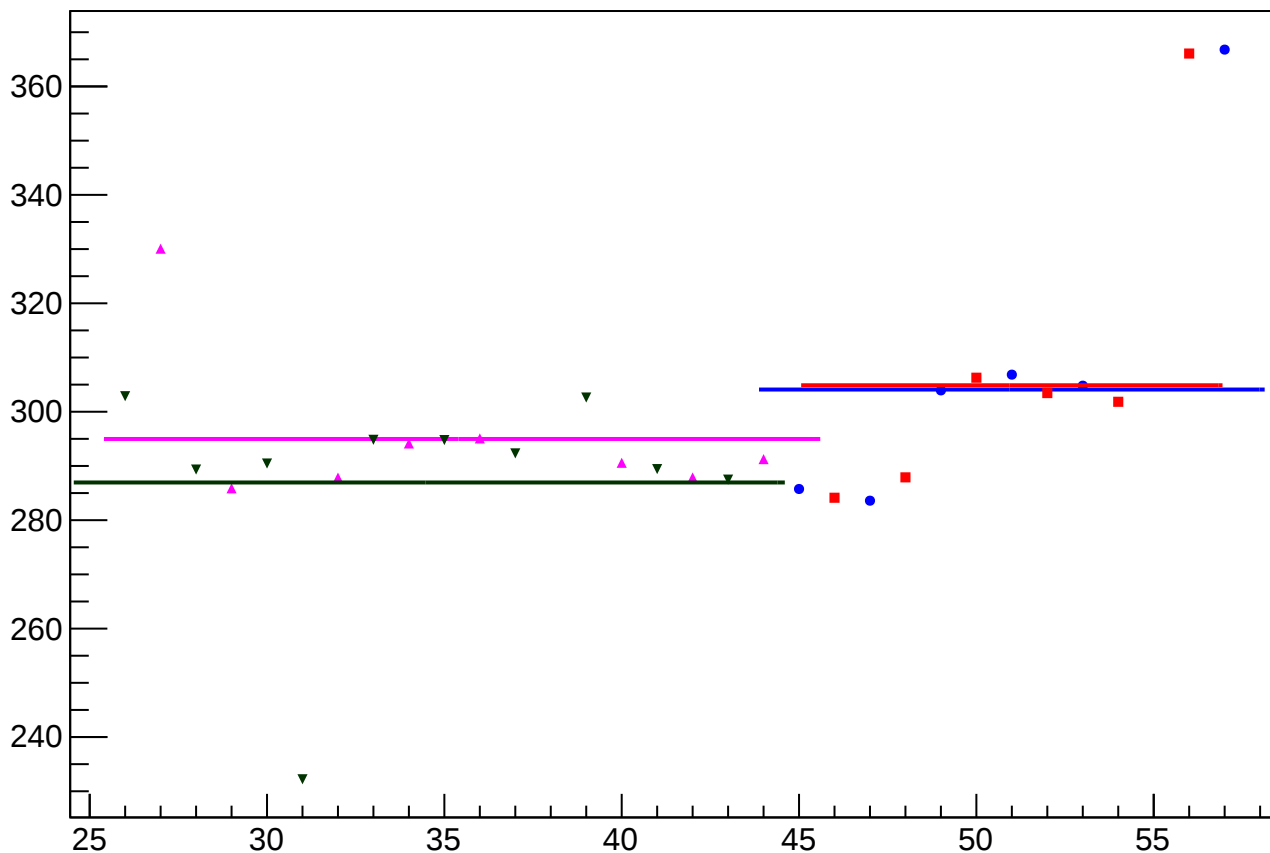
Right Out: -780.459+/-177.719 χ^2/NDF : 8.2/5

Left In: -746.580+/-132.693 χ^2/NDF : 11.4/7

695.790+/-102.874 χ^2/NDF : 18.9/15

-758.707+/-106.326 χ^2/NDF : 19.6/13

reg_asym_atl1r2_avg_rms vs slug



Right In: 304.095 ± 0.123 χ^2/NDF : 40360.4/5

Left Out: 286.953 ± 0.090 χ^2/NDF : 45031.7/9

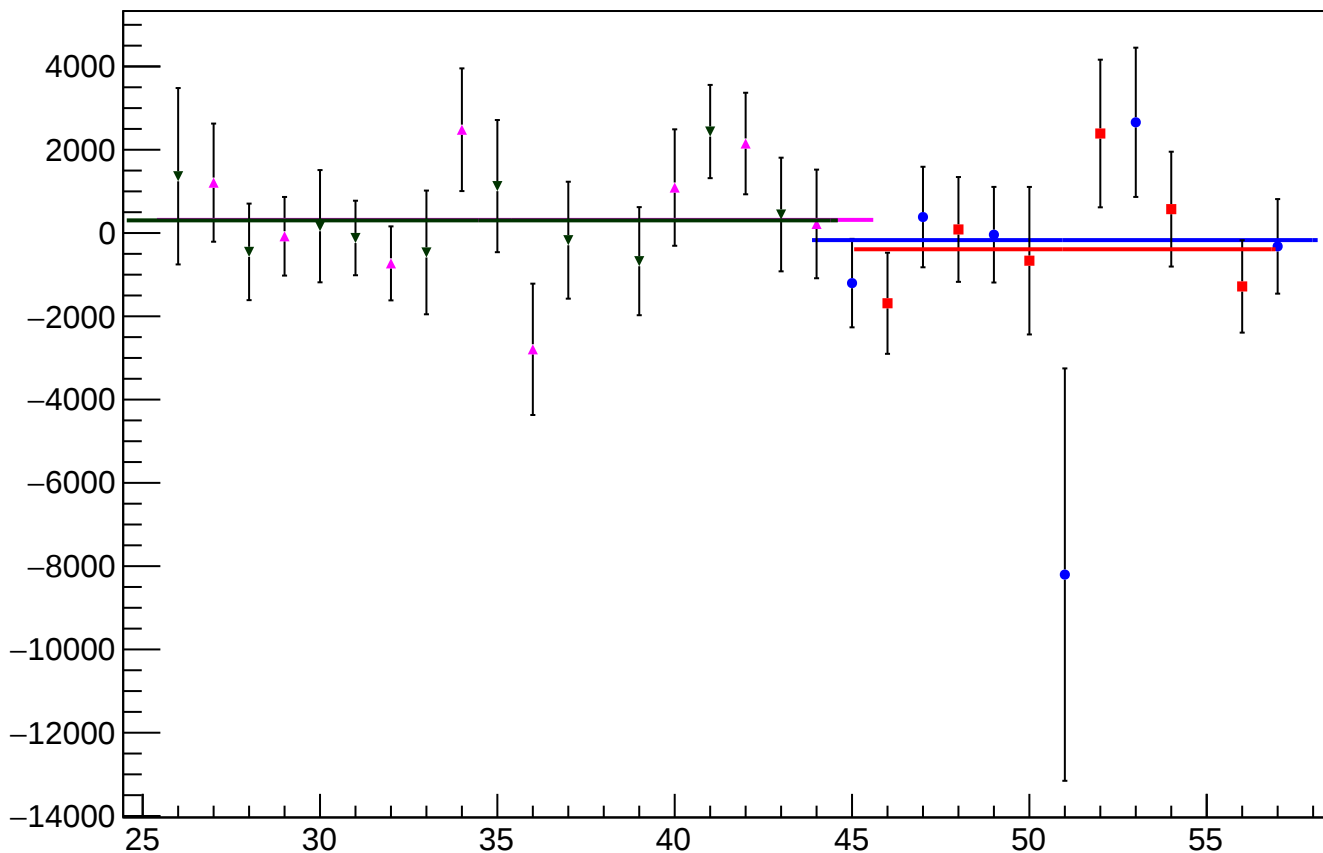
Right Out: 304.884 ± 0.126 χ^2/NDF : 34415.4/5

Left In: 294.977 ± 0.094 χ^2/NDF : 22175.8/7

292.924 ± 0.073 χ^2/NDF : 97998.8/15

298.523 ± 0.075 χ^2/NDF : 60582.1/13

asym_atl1r2_avg_correction_mean vs slug



Right In: -169.951 ± 537.718 χ^2/NDF : 6.3/5

Left Out: 303.959 ± 406.510 χ^2/NDF : 5.8/9

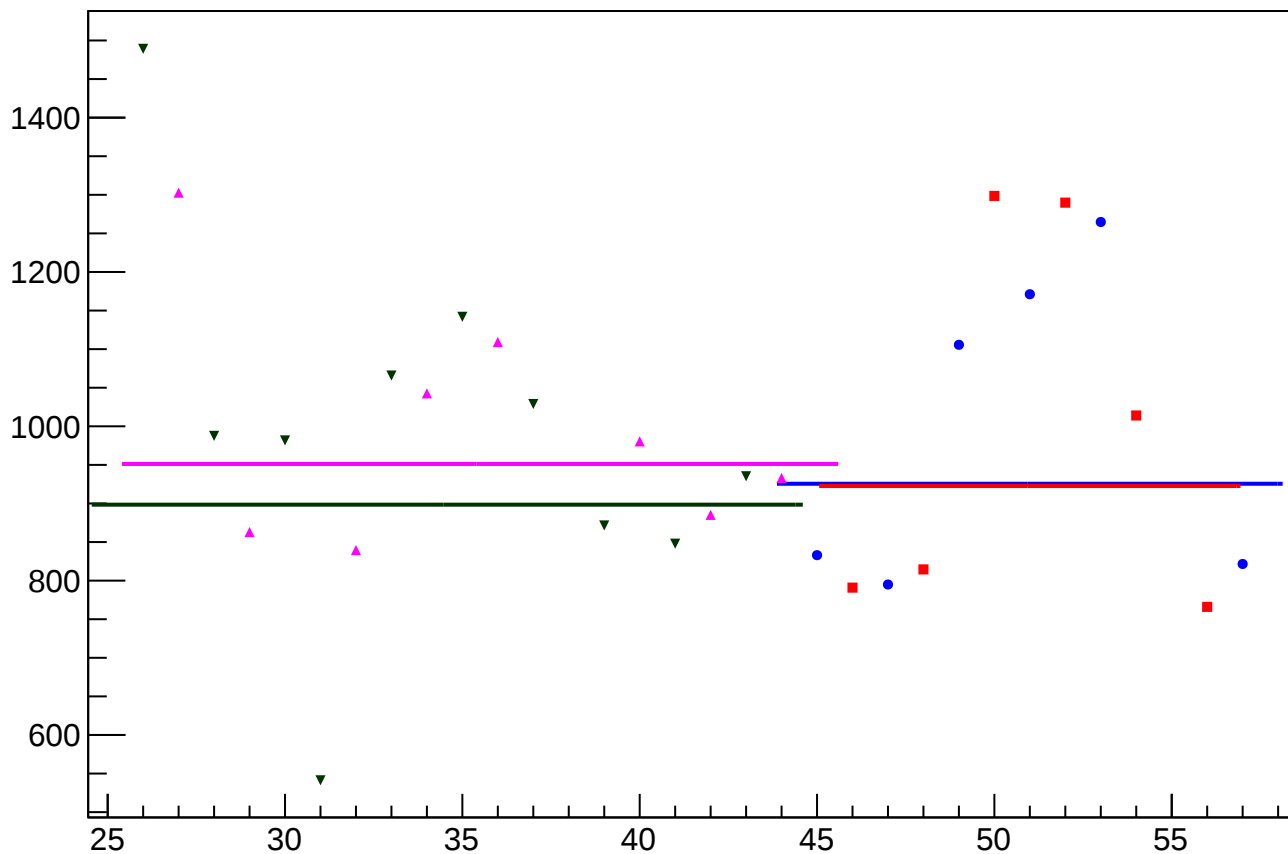
Right Out: -390.148 ± 551.740 χ^2/NDF : 4.9/5

Left In: 315.709 ± 425.643 χ^2/NDF : 10.6/7

131.610 ± 324.273 χ^2/NDF : 12.6/15

52.356 ± 337.012 χ^2/NDF : 16.5/13

asym_atl1r2_avg_correction_rms vs slug



Right In: 925.559 ± 0.380 χ^2/NDF : 181101.7/5

Left Out: 898.453 ± 0.287 χ^2/NDF : 589701.9/9

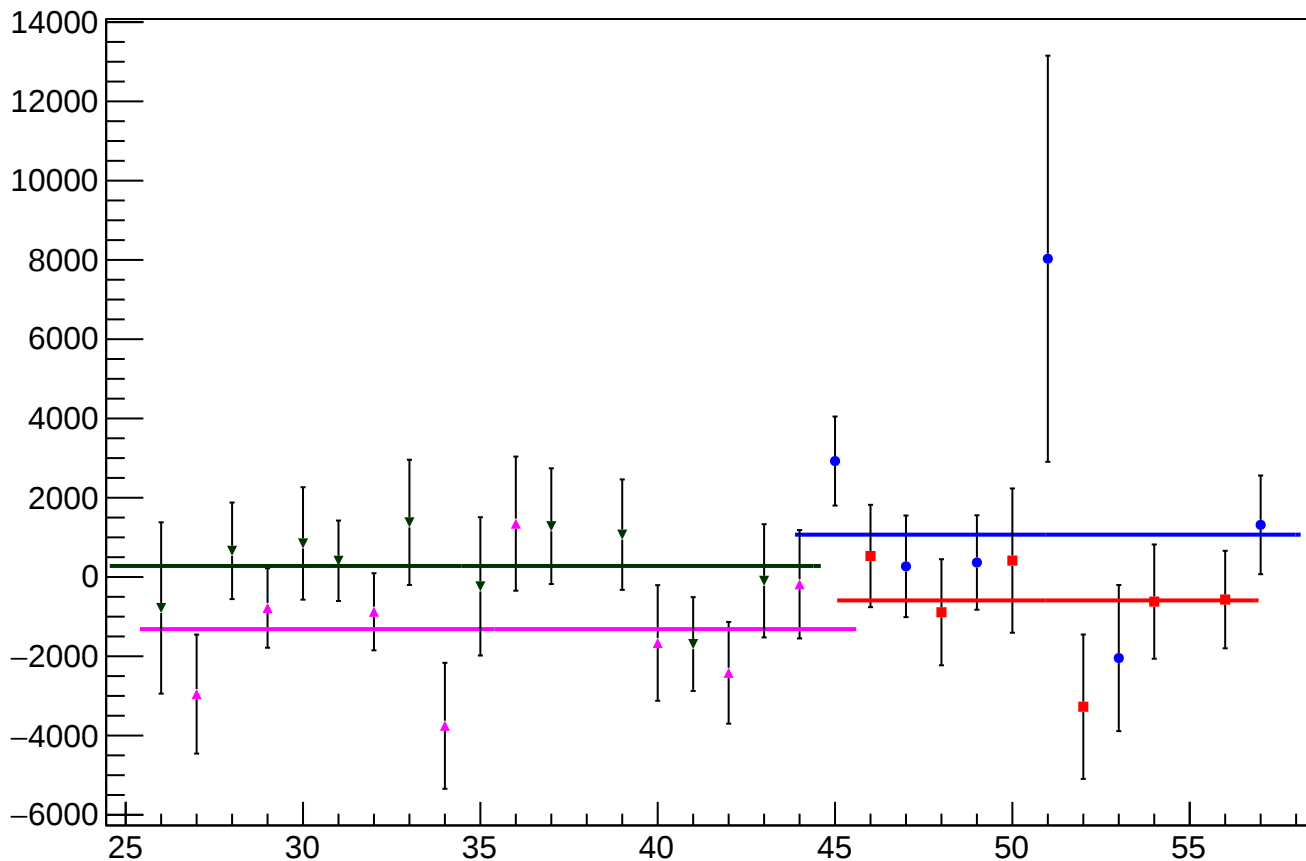
Right Out: 922.607 ± 0.390 χ^2/NDF : 262814.1/5

Left In: 951.224 ± 0.301 χ^2/NDF : 206752.8/7

908.311 ± 0.229 χ^2/NDF : 774037.4/15

940.547 ± 0.238 χ^2/NDF : 472940.0/13

asym_atl1r2_avg_mean vs slug



Right In: 1068.378+/-569.497 χ^2/NDF : 8.2/5

Left Out: 278.652+/-435.403 χ^2/NDF : 4.7/9

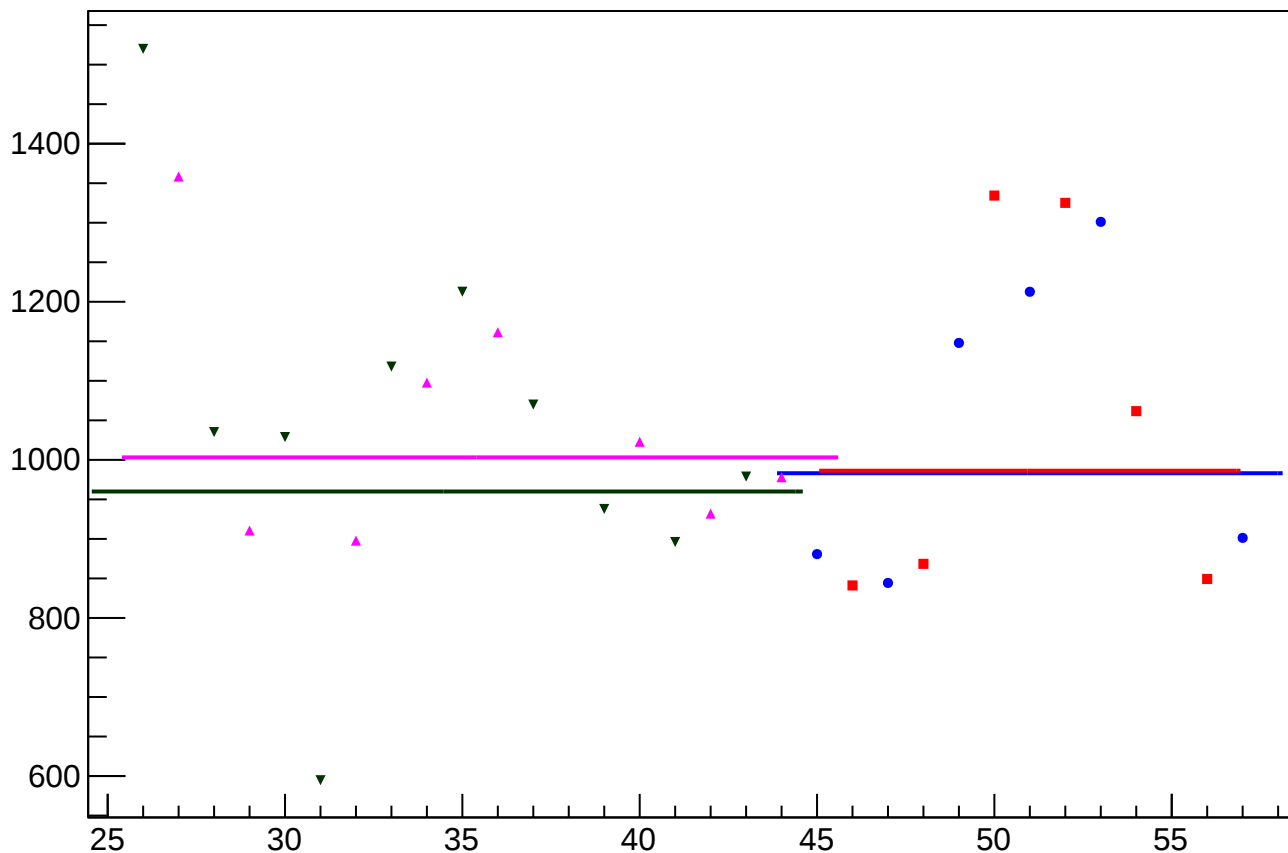
Right Out: -590.451+/-586.769 χ^2/NDF : 3.3/5

Left In: -1314.458+/-454.003 χ^2/NDF : 8.0/7

569.978+/-345.894 χ^2/NDF : 14.1/15

-1043.333+/-359.071 χ^2/NDF : 12.2/13

asym_atl1r2_avg_rms vs slug



Right In: 983.108 ± 0.403 χ^2/NDF : 150485.5/5

Left Out: 959.970 ± 0.308 χ^2/NDF : 485856.9/9

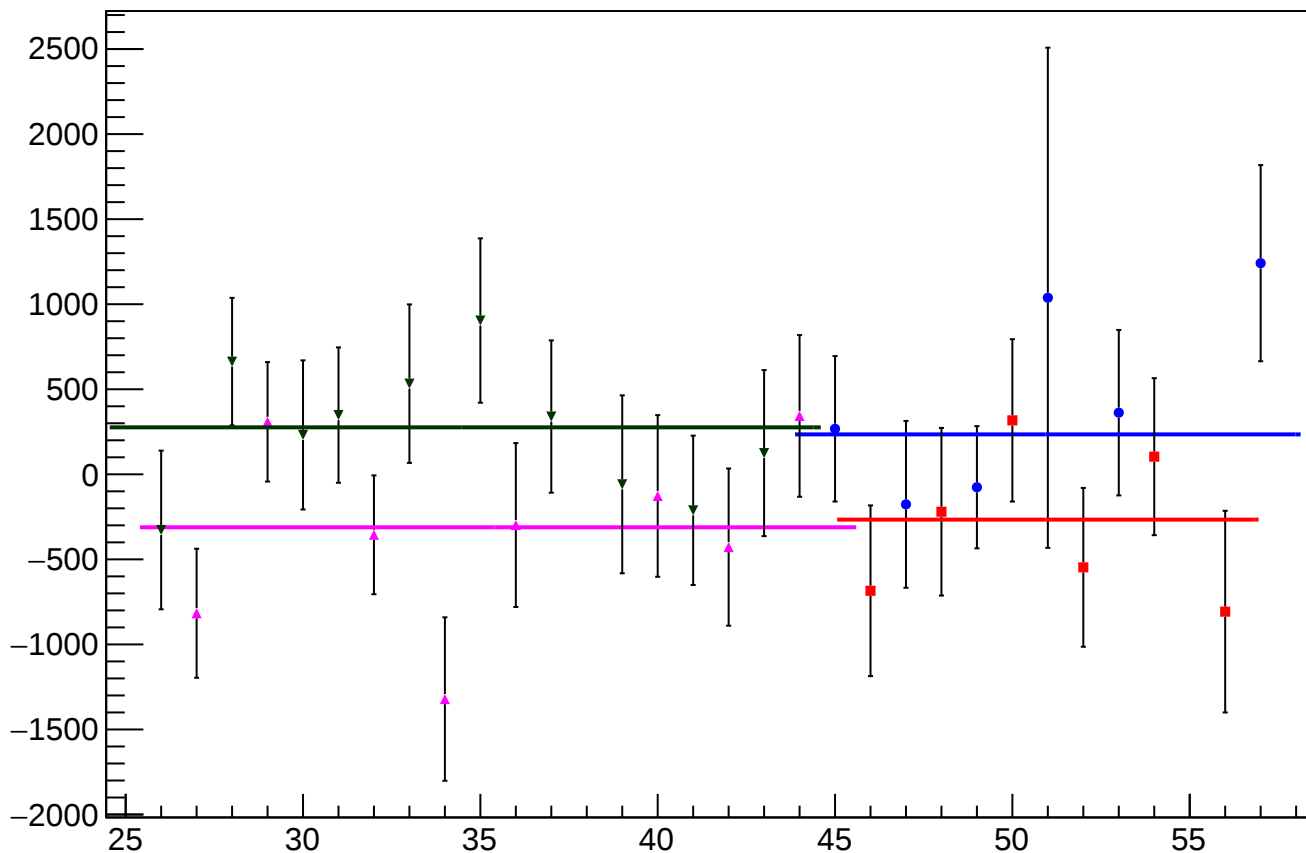
Right Out: 986.292 ± 0.415 χ^2/NDF : 213449.5/5

Left In: 1003.146 ± 0.321 χ^2/NDF : 184277.9/7

968.506 ± 0.245 χ^2/NDF : 638425.8/15

996.835 ± 0.254 χ^2/NDF : 398759.6/13

reg_asym_atl1r2_dd_mean vs slug



Right In: 234.720 $\pm$ 199.718 χ^2 /NDF: 4.9/5

Left Out: 276.090 $\pm$ 141.202 χ^2 /NDF:6.5/9

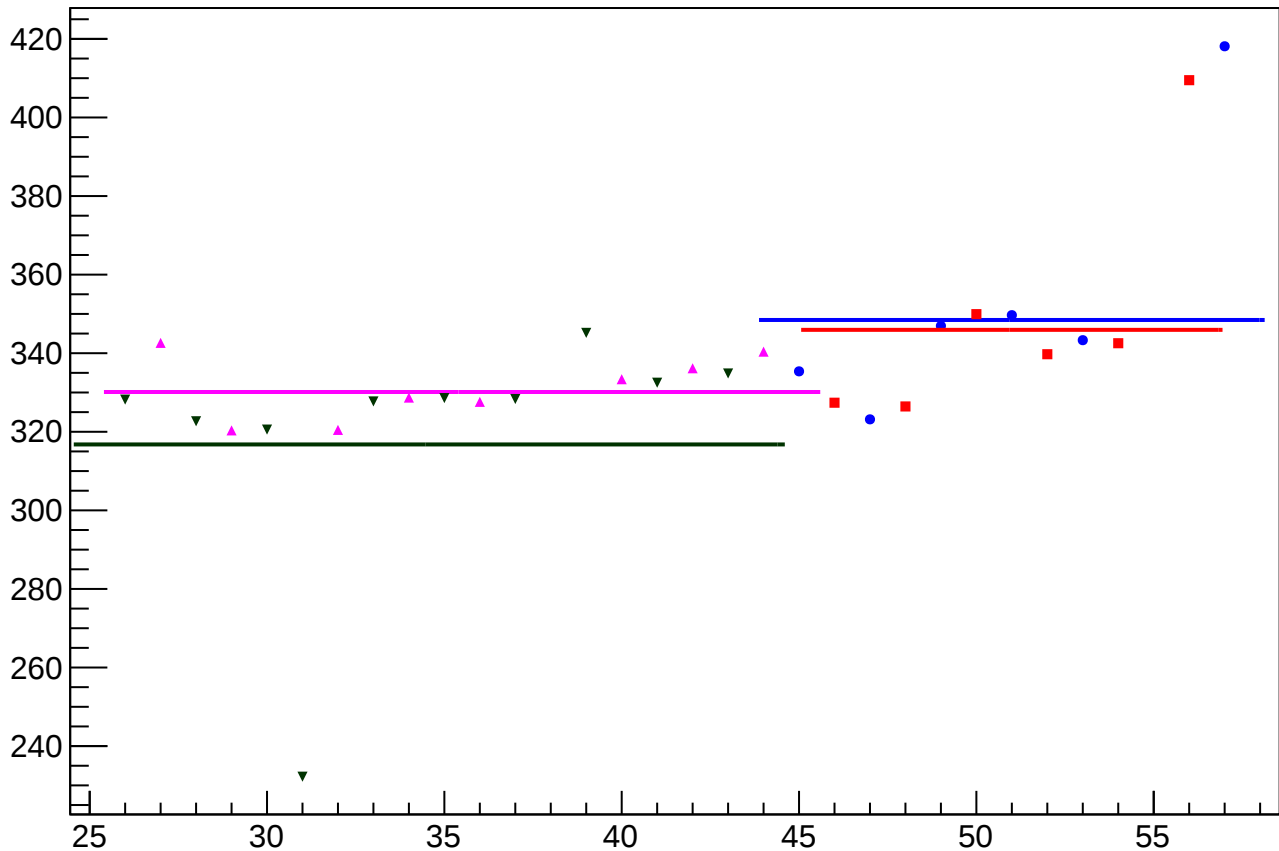
Right Out: -266.276 $\pm$ 201.567 χ^2 /NDF: 4.0/5

Left In: -311.389 $\pm$ 148.343 χ^2 /NDF:11.4/7

262.303 $\pm$ 115.296 χ^2 /NDF: 11.4/15

-295.539 $\pm$ 119.475 χ^2 /NDF: 15.5/13

reg_asym_atl1r2_dd_rms vs slug



Right In: 348.458 $\pm$ 0.141 χ^2 /NDF: 36641.9/5

Left Out: 316.778 $\pm$ 0.100 χ^2 /NDF:106979.2/9

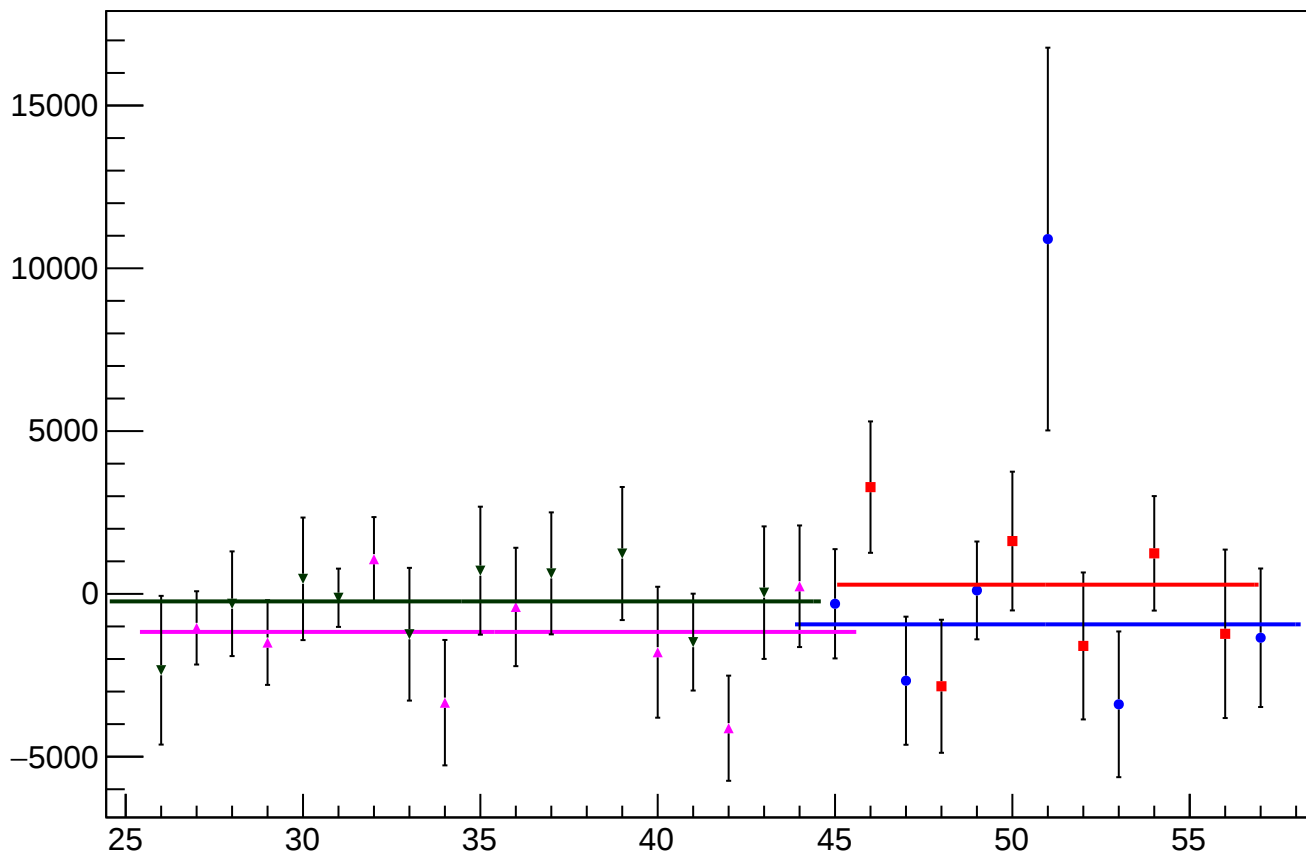
Right Out: 345.946 $\pm$ 0.143 χ^2 /NDF: 29457.0/5

Left In: 330.127 $\pm$ 0.105 χ^2 /NDF:6690.1/7

327.336 $\pm$ 0.082 χ^2 /NDF: 177172.7/15

335.684 $\pm$ 0.084 χ^2 /NDF: 44137.5/13

asym_atl1r2_dd_correction_mean vs slug



Right In: -935.675 ± 814.832 χ^2/NDF : 6.7/5

Left Out: -230.495 ± 511.193 χ^2/NDF : 2.9/9

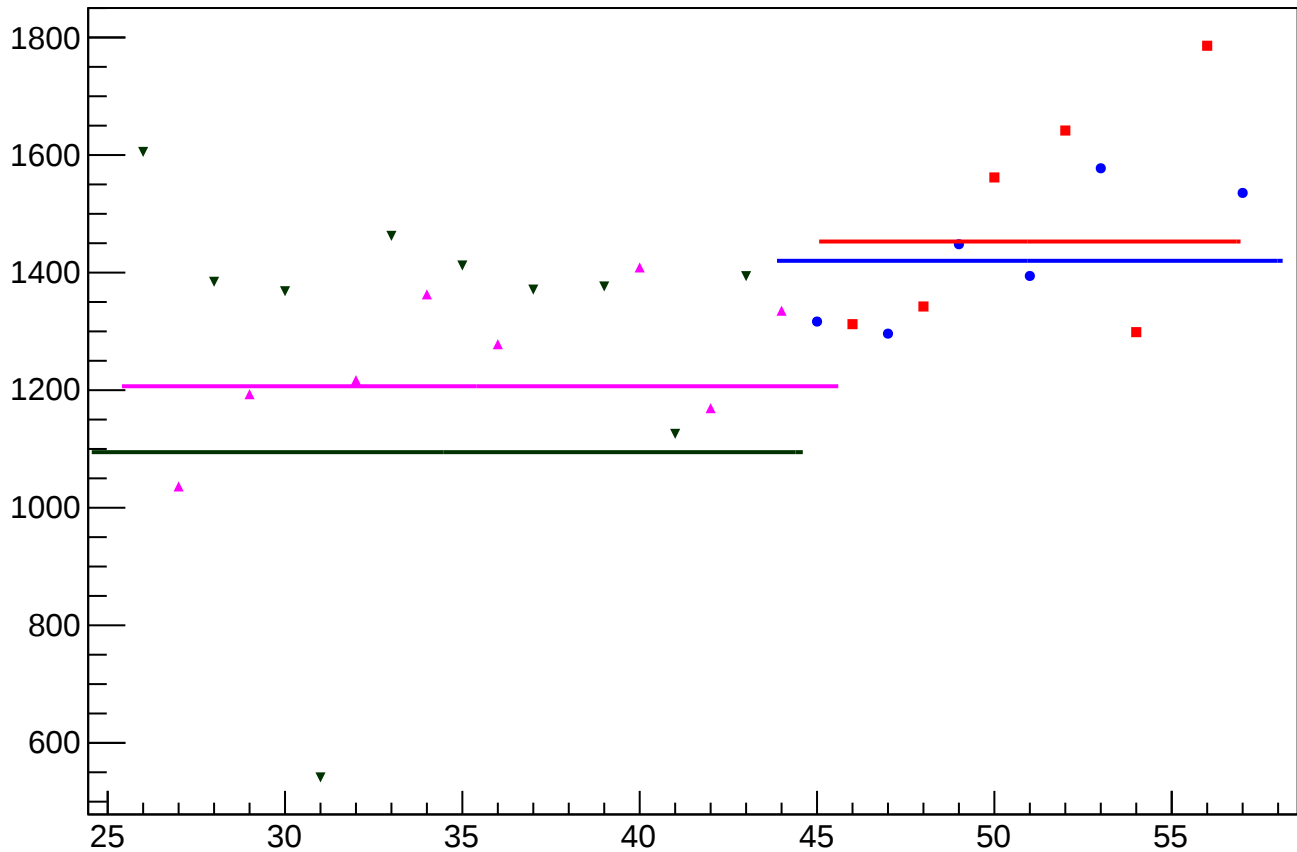
Right Out: 282.913 ± 852.959 χ^2/NDF : 6.3/5

Left In: -1168.061 ± 536.955 χ^2/NDF : 8.5/7

-429.655 ± 433.031 χ^2/NDF : 10.2/15

-756.246 ± 454.411 χ^2/NDF : 16.9/13

asym_atl1r2_dd_correction_rms vs slug



Right In: 1420.082 ± 0.576 χ^2/NDF : 32050.3/5

Left Out: 1094.559 ± 0.361 χ^2/NDF : 1214879.1/9

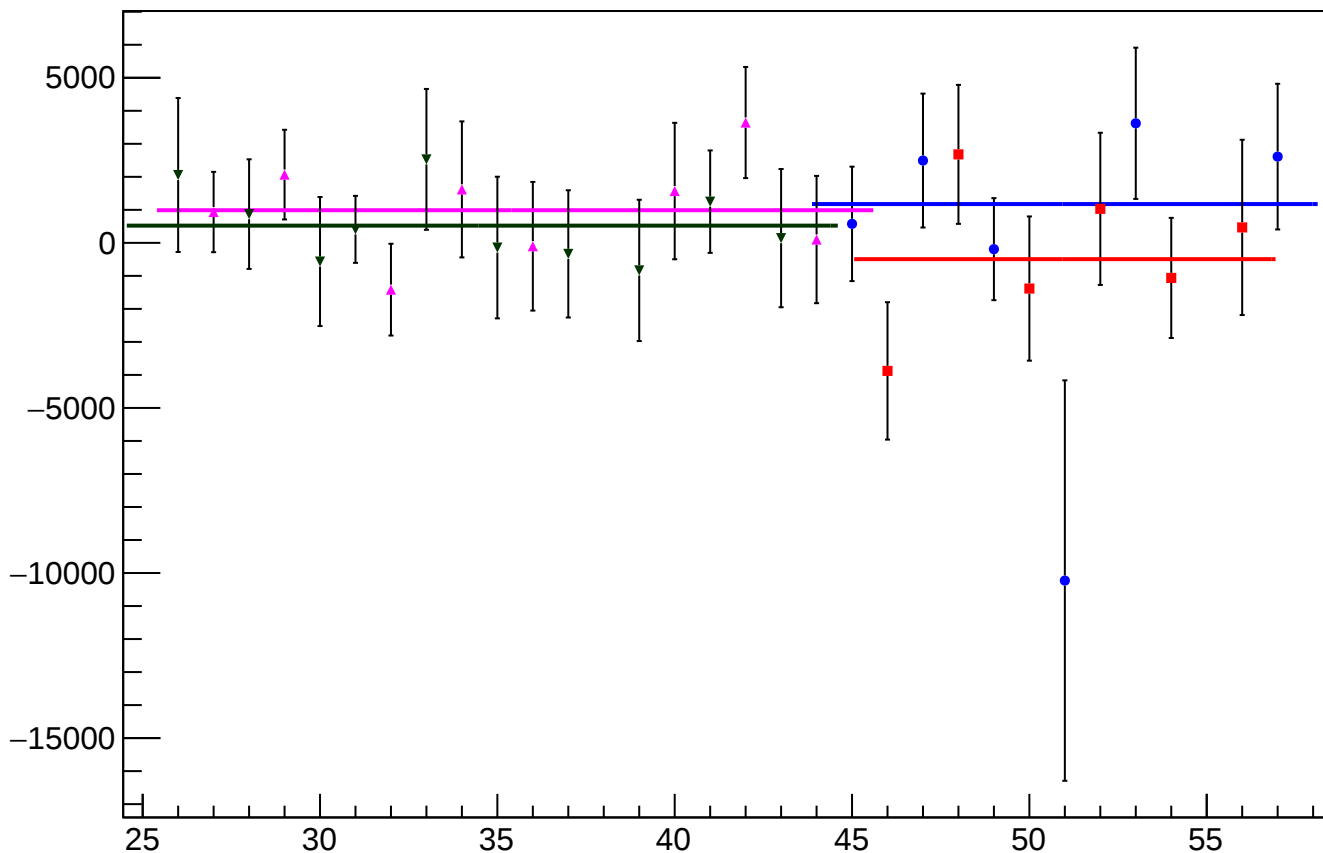
Right Out: 1452.886 ± 0.603 χ^2/NDF : 83314.6/5

Left In: 1206.686 ± 0.380 χ^2/NDF : 93225.4/7

1186.495 ± 0.306 χ^2/NDF : 1475976.4/15

1276.562 ± 0.321 χ^2/NDF : 295876.7/13

asym_atl1r2_dd_mean vs slug



Right In: 1175.275 ± 839.761 χ^2/NDF : 6.4/5

Left Out: 521.878 ± 546.444 χ^2/NDF : 2.6/9

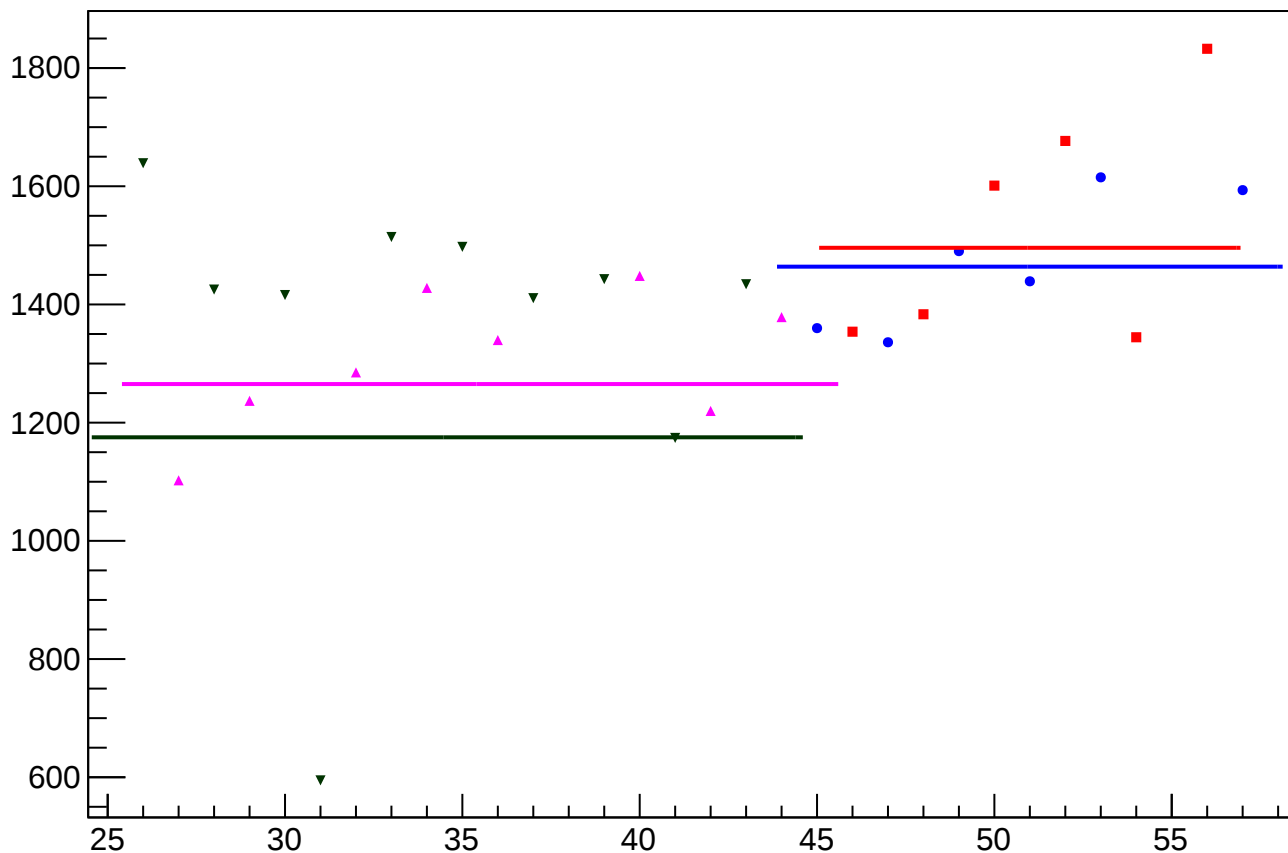
Right Out: -493.514 ± 877.523 χ^2/NDF : 5.8/5

Left In: 988.467 ± 568.860 χ^2/NDF : 6.8/7

716.245 ± 458.013 χ^2/NDF : 9.5/15

549.961 ± 477.337 χ^2/NDF : 14.6/13

asym_atl1r2_dd_rms vs slug



Right In: 1463.944+/-0.594 χ^2/NDF : 31374.1/5

Left Out: 1175.201+/-0.386 χ^2/NDF : 997076.7/9

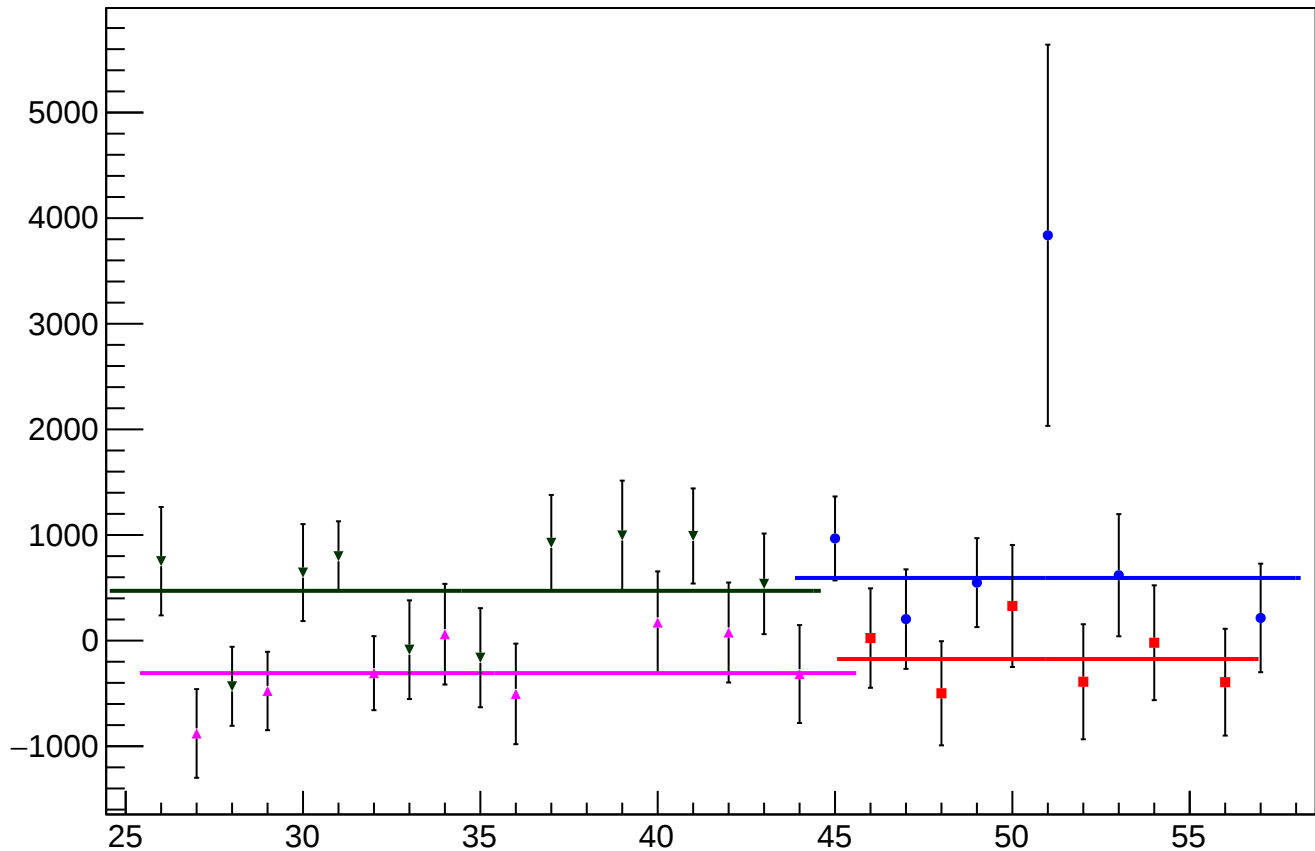
Right Out: 1495.856+/-0.621 χ^2/NDF : 78006.1/5

Left In: 1265.308+/-0.402 χ^2/NDF : 76563.2/7

1261.093+/-0.324 χ^2/NDF : 1194564.6/15

1333.525+/-0.338 χ^2/NDF : 251771.4/13

reg_asym_atr1l2_avg_mean vs slug



Right In: 593.357 $\pm$ 206.039 χ^2/NDF : 5.4/5

Left Out: 471.416 $\pm$ 138.869 χ^2/NDF :13.9/9

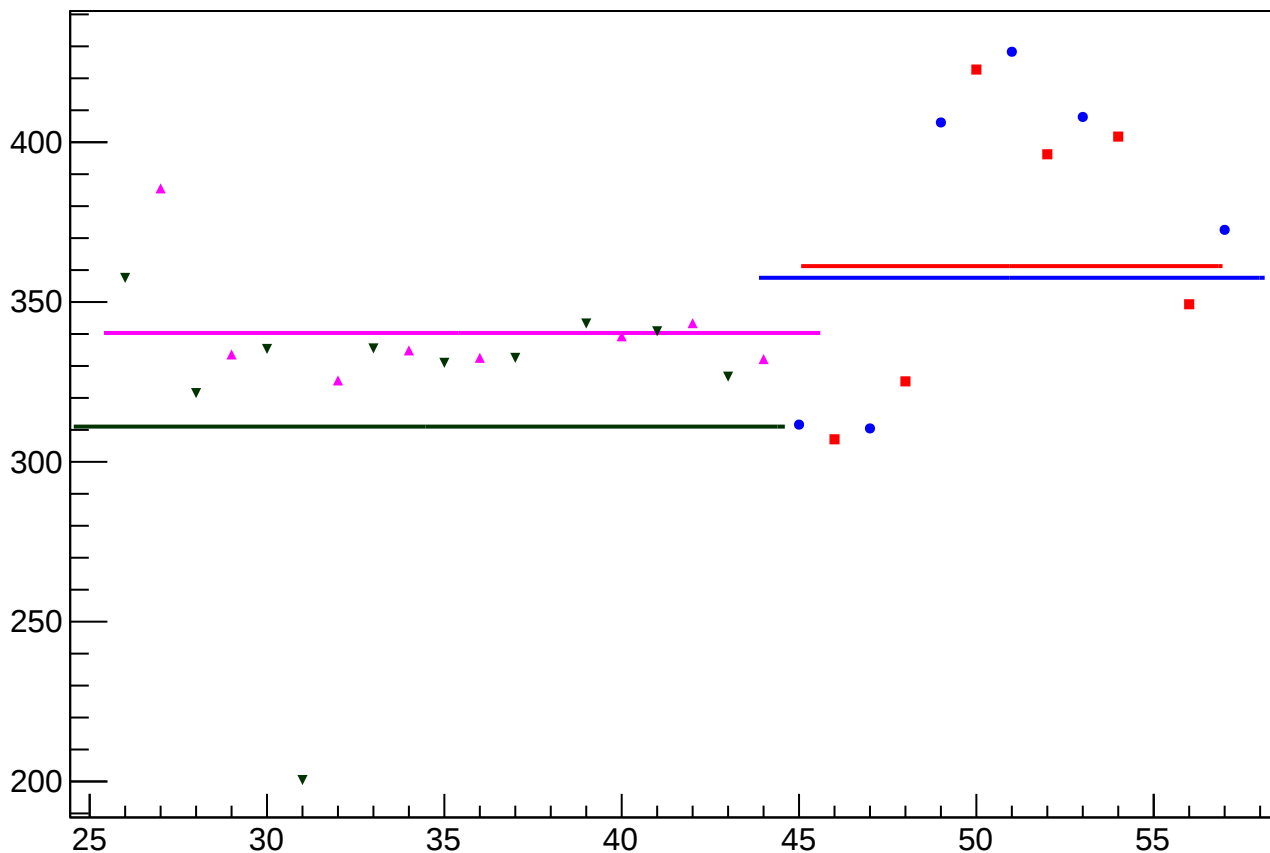
Right Out: -174.117 $\pm$ 211.811 χ^2/NDF : 1.8/5

Left In: -307.654 $\pm$ 151.998 χ^2/NDF :4.5/7

509.507 $\pm$ 115.155 χ^2/NDF : 19.5/15

-262.262 $\pm$ 123.491 χ^2/NDF : 6.5/13

reg_asym_atr1l2_avg_rms vs slug



Right In: 357.589 ± 0.146 χ^2/NDF : 93277.1/5

Left Out: 311.029 ± 0.098 χ^2/NDF : 279202.9/9

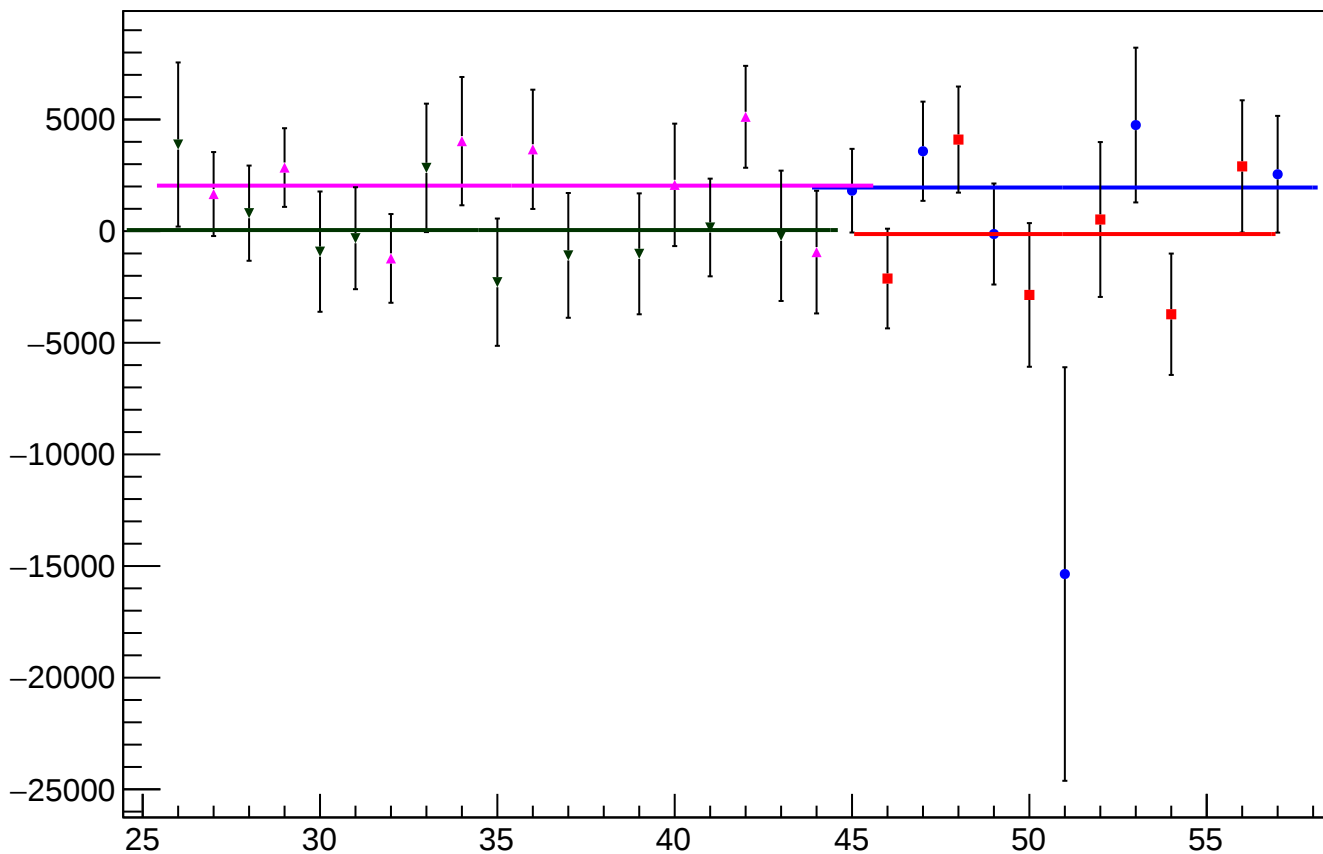
Right Out: 361.239 ± 0.150 χ^2/NDF : 80341.7/5

Left In: 340.323 ± 0.107 χ^2/NDF : 28978.3/7

325.573 ± 0.081 χ^2/NDF : 442706.7/15

347.433 ± 0.087 χ^2/NDF : 122192.5/13

asym_atr1l2_avg_correction_mean vs slug



Right In: 1954.040+/-1040.302 χ^2/NDF : 5.6/5

Left Out: 48.343+/-828.109 χ^2/NDF : 3.3/9

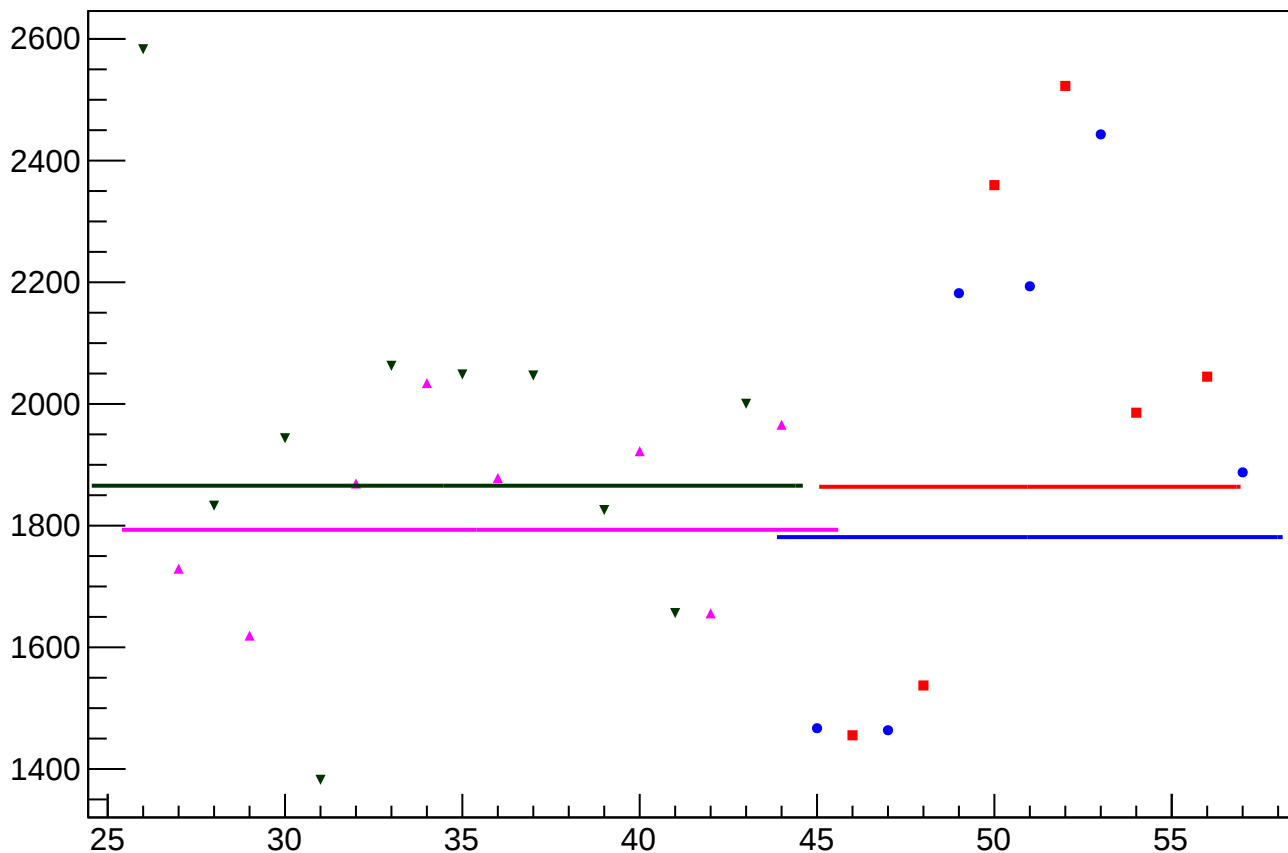
Right Out: -130.699+/-1113.295 χ^2/NDF : 7.5/5

Left In: 2038.696+/-796.385 χ^2/NDF : 6.8/7

787.519+/-647.898 χ^2/NDF : 10.9/15

1304.359+/-647.722 χ^2/NDF : 16.8/13

asym_atr1l2_avg_correction_rms vs slug



Right In: 1781.154+/-0.736 χ^2/NDF : 240068.1/5

Left Out: 1865.656+/-0.586 χ^2/NDF : 217022.9/9

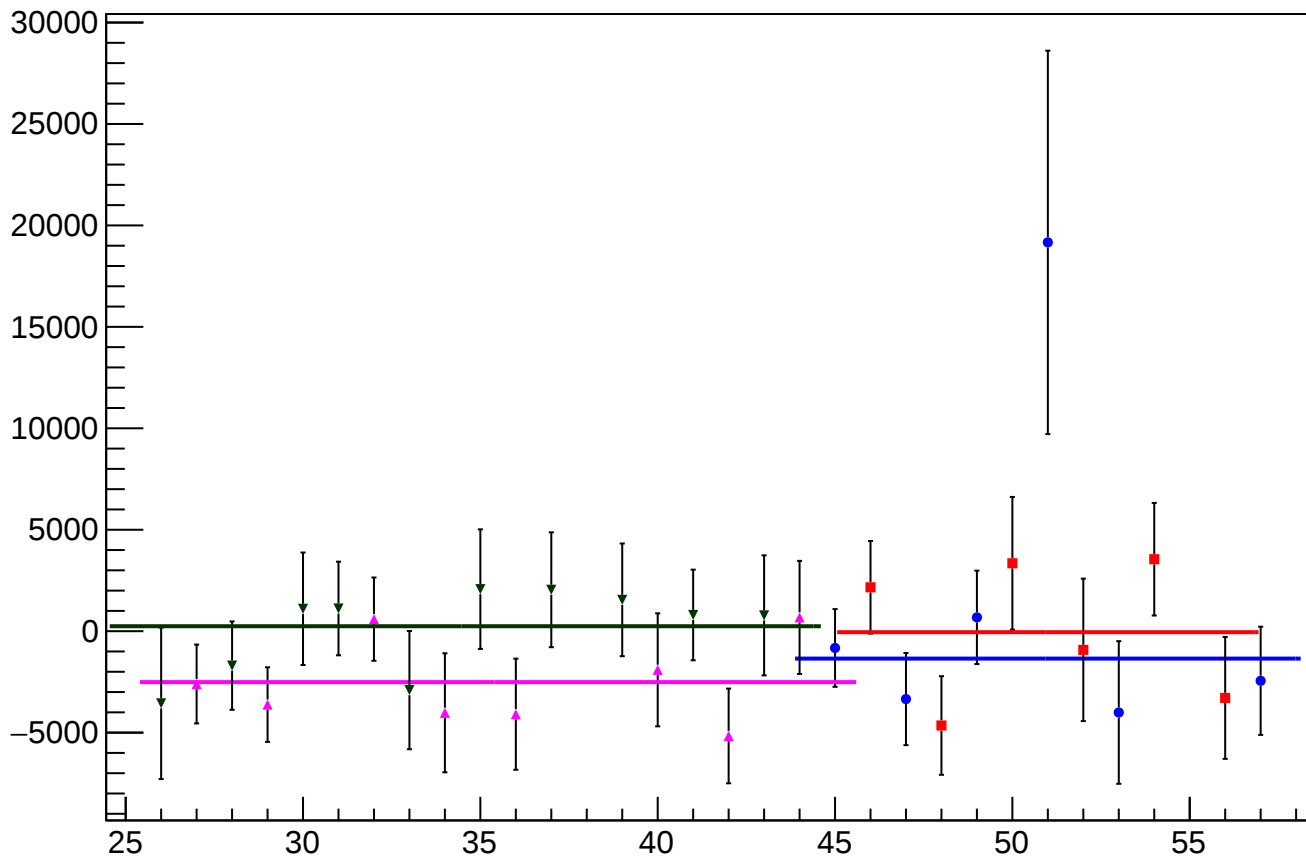
Right Out: 1863.885+/-0.787 χ^2/NDF : 235885.0/5

Left In: 1793.191+/-0.563 χ^2/NDF : 60429.1/7

1832.879+/-0.458 χ^2/NDF : 465168.7/15

1817.121+/-0.458 χ^2/NDF : 301648.8/13

asym_atr1l2_avg_mean vs slug



Right In: -1350.347 ± 1061.243 $\chi^2/\text{NDF}: 7.1/5$

Left Out: 244.304 ± 844.452 $\chi^2/\text{NDF}: 4.3/9$

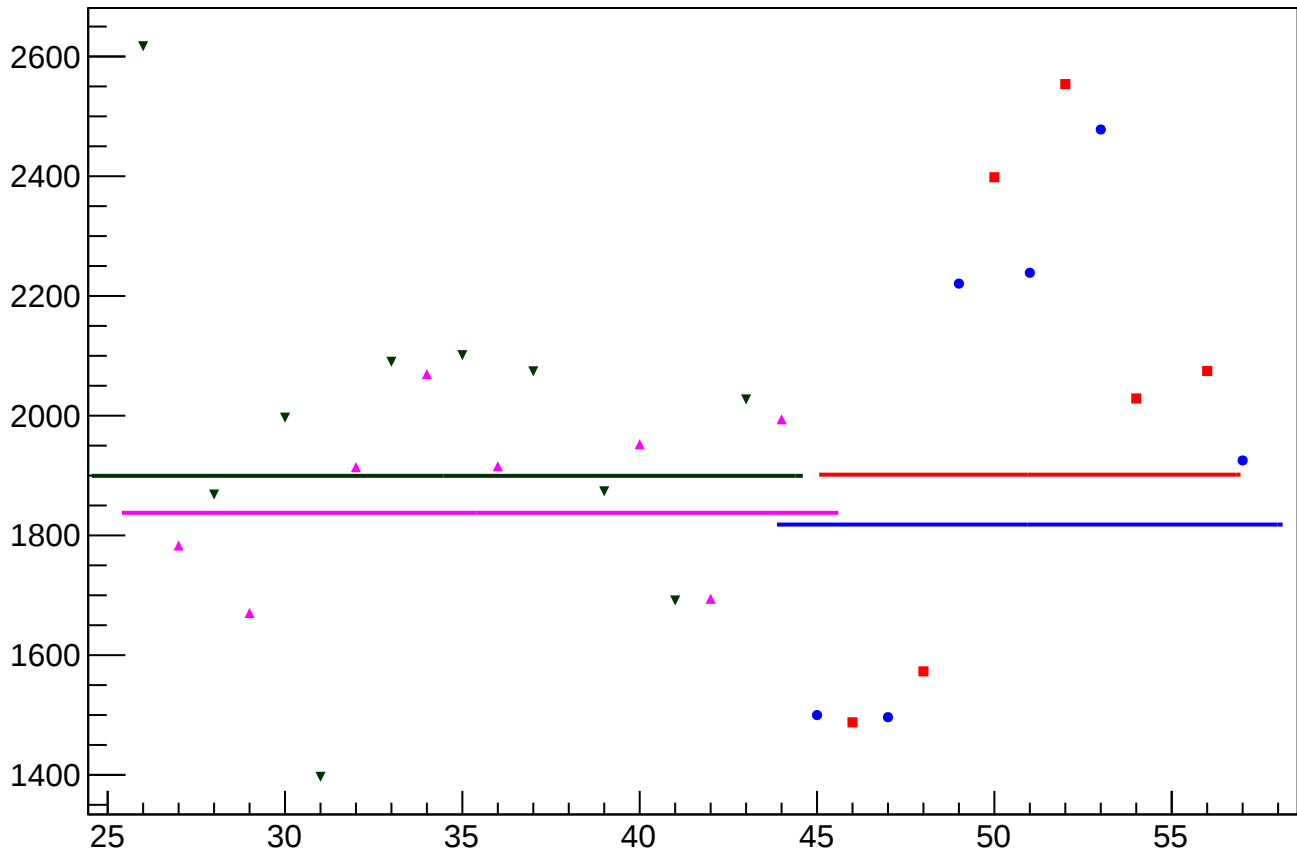
Right Out: -48.637 ± 1134.689 $\chi^2/\text{NDF}: 8.5/5$

Left In: -2510.541 ± 819.482 $\chi^2/\text{NDF}: 5.9/7$

-373.932 ± 660.784 $\chi^2/\text{NDF}: 12.8/15$

-1666.624 ± 664.341 $\chi^2/\text{NDF}: 17.5/13$

asym_atr1l2_avg_rms vs slug



Right In: 1818.160+/-0.750 χ^2/NDF : 234123.0/5

Left Out: 1899.518+/-0.597 χ^2/NDF :218448.4/9

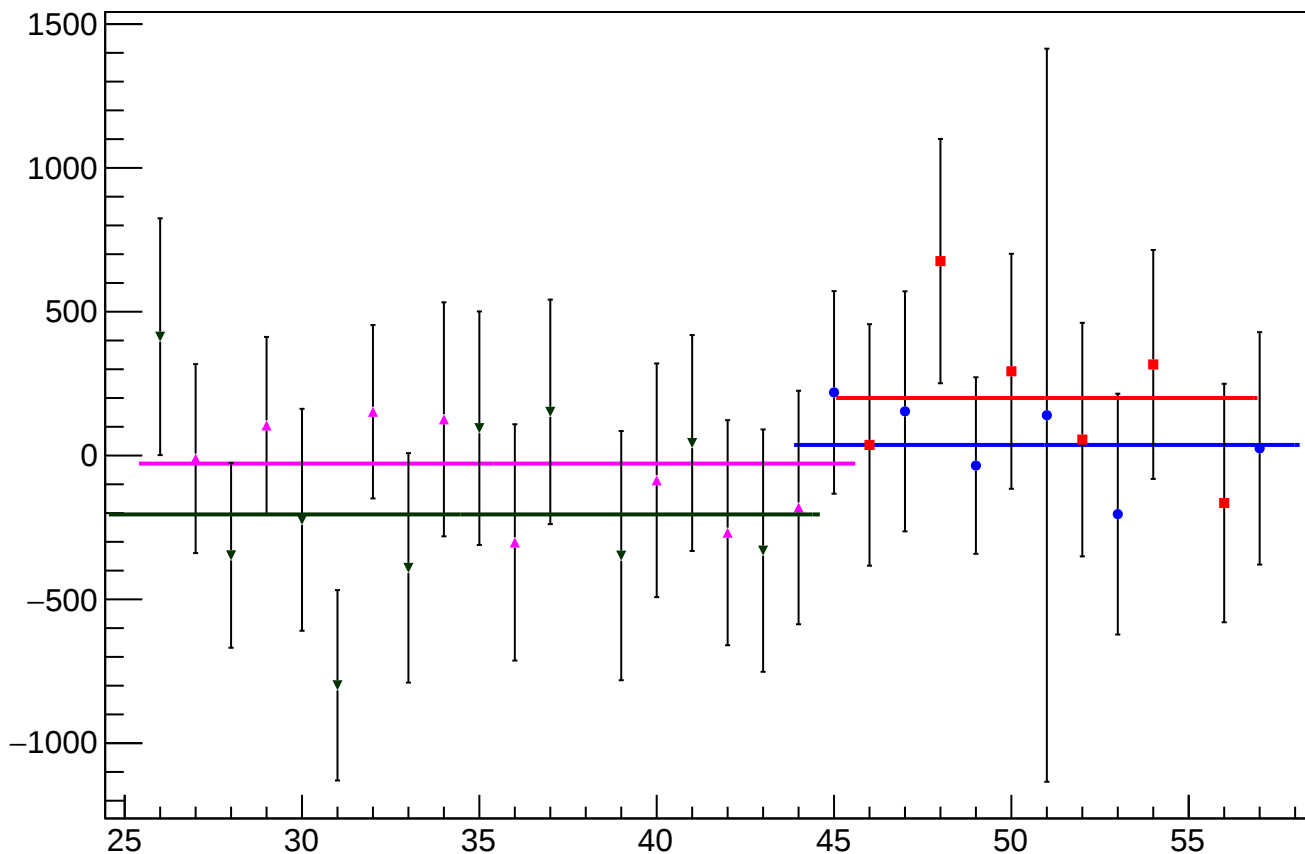
Right Out: 1901.495+/-0.802 χ^2/NDF : 228359.3/5

Left In: 1837.808+/-0.579 χ^2/NDF :52268.2/7

1867.976+/-0.467 χ^2/NDF : 459768.5/15

1859.639+/-0.470 χ^2/NDF : 284768.3/13

reg_asym_atr1l2_dd_mean vs slug



Right In: 36.884+/-164.699 χ^2/NDF : 0.7/5

Left Out: -204.705+/-120.898 χ^2/NDF : 7.9/9

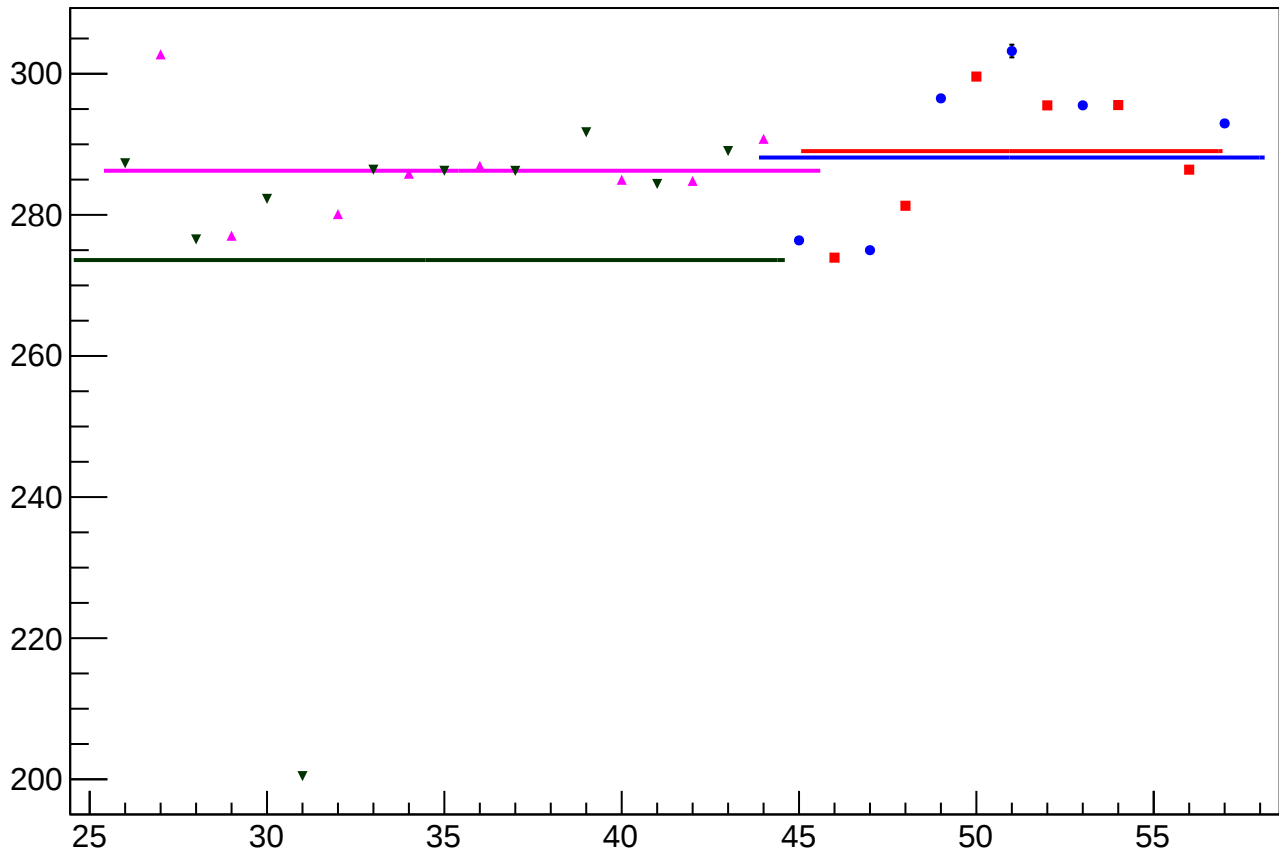
Right Out: 200.161+/-168.051 χ^2/NDF : 2.4/5

Left In: -27.916+/-127.552 χ^2/NDF : 1.7/7

-120.110+/-97.459 χ^2/NDF : 10.0/15

55.450+/-101.601 χ^2/NDF : 5.3/13

reg_asym_atr1l2_dd_rms vs slug



Right In: 288.130 ± 0.116 $\chi^2/\text{NDF}: 6889.8/5$

Left Out: 273.595 ± 0.085 $\chi^2/\text{NDF}: 115068.4/9$

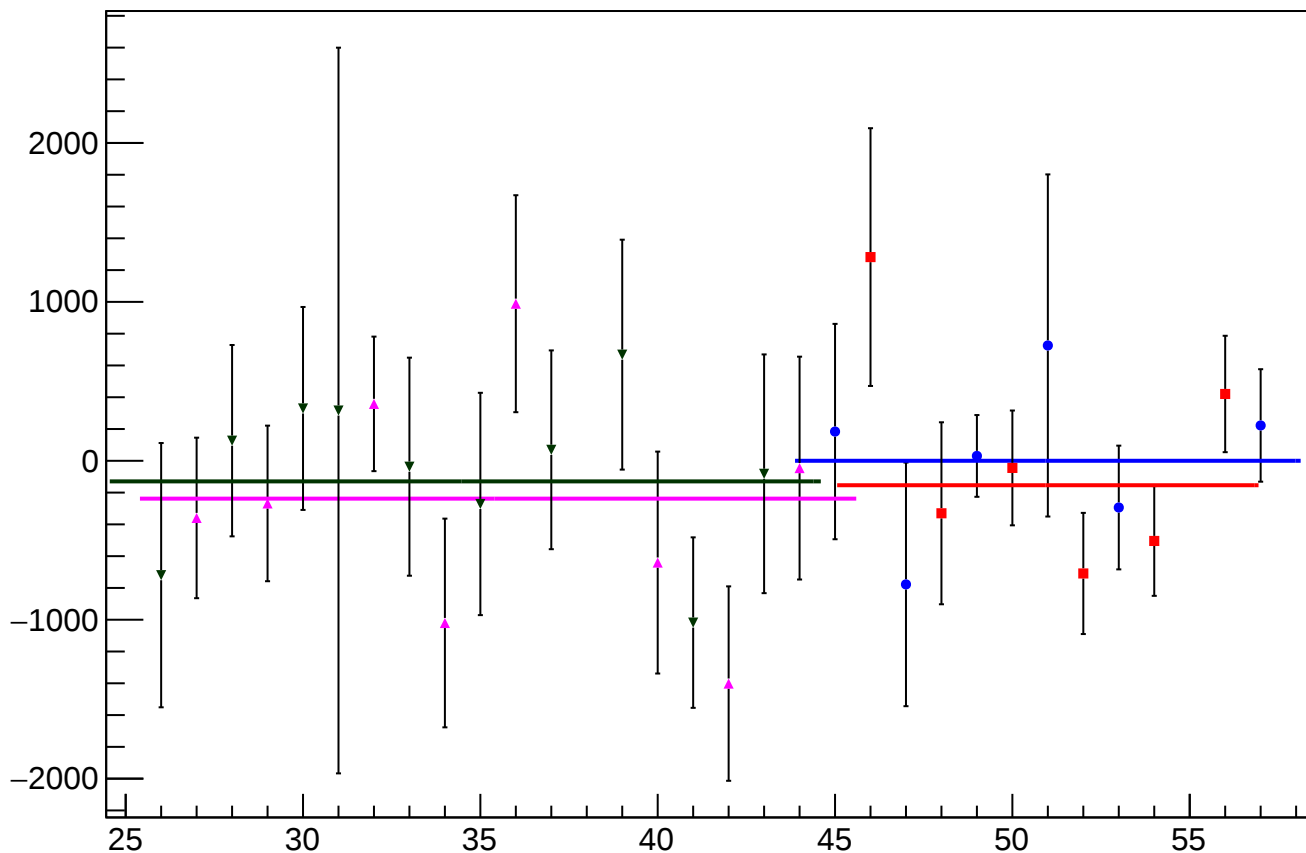
Right Out: 289.036 ± 0.119 $\chi^2/\text{NDF}: 5721.1/5$

Left In: 286.255 ± 0.090 $\chi^2/\text{NDF}: 7968.8/7$

278.685 ± 0.069 $\chi^2/\text{NDF}: 132080.2/15$

287.271 ± 0.072 $\chi^2/\text{NDF}: 14037.5/13$

asym_atr1l2_dd_correction_mean vs slug



Right In: 0.123 ± 170.415 $\chi^2/\text{NDF}: 2.5/5$

Left Out: -129.532 ± 219.616 $\chi^2/\text{NDF}: 5.4/9$

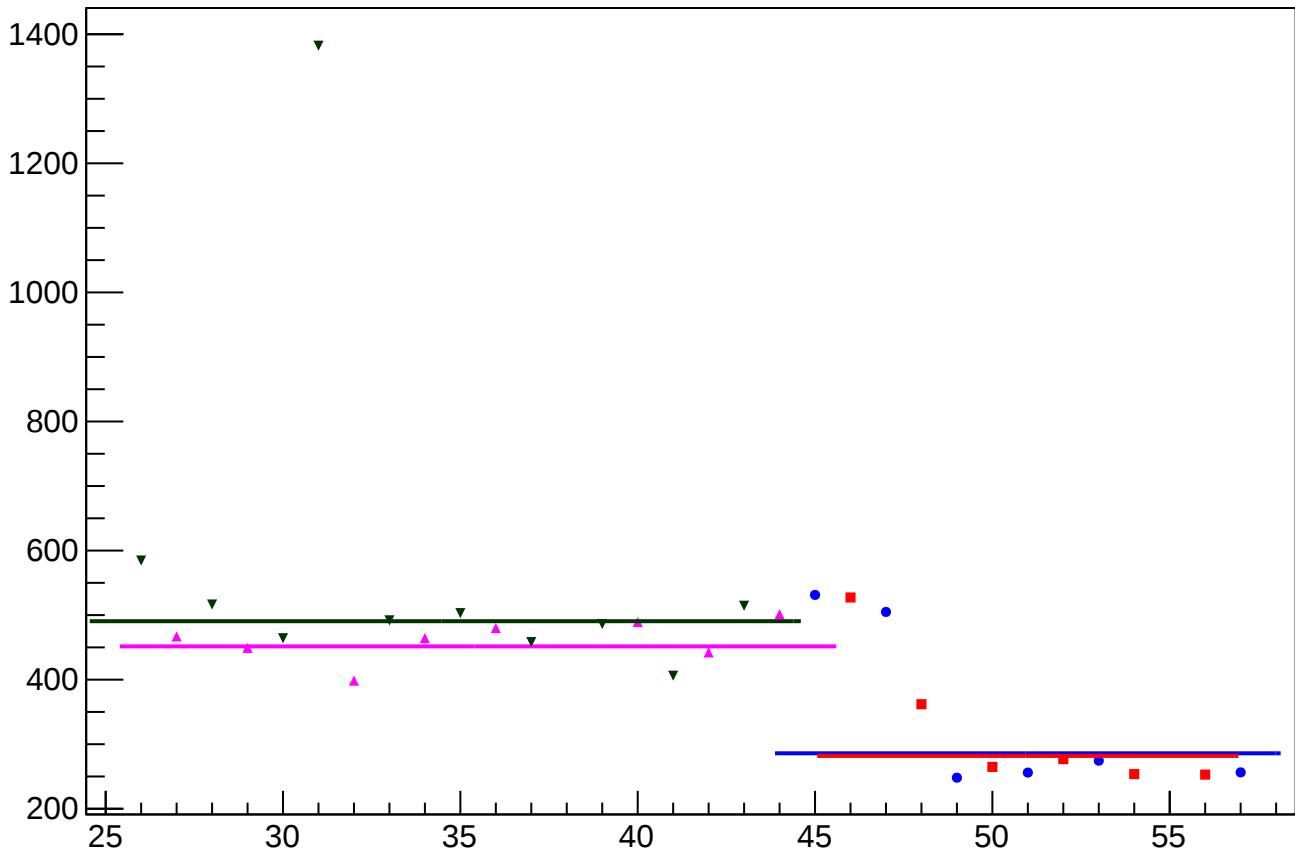
Right Out: -153.707 ± 169.140 $\chi^2/\text{NDF}: 8.9/5$

Left In: -238.069 ± 200.408 $\chi^2/\text{NDF}: 10.7/7$

-48.605 ± 134.636 $\chi^2/\text{NDF}: 8.1/15$

-188.801 ± 129.258 $\chi^2/\text{NDF}: 19.8/13$

asym_atr1l2_dd_correction_rms vs slug



Right In: 285.899+/-0.121 χ^2/NDF : 486075.2/5

Left Out: 490.574+/-0.155 χ^2/NDF : 395329.3/9

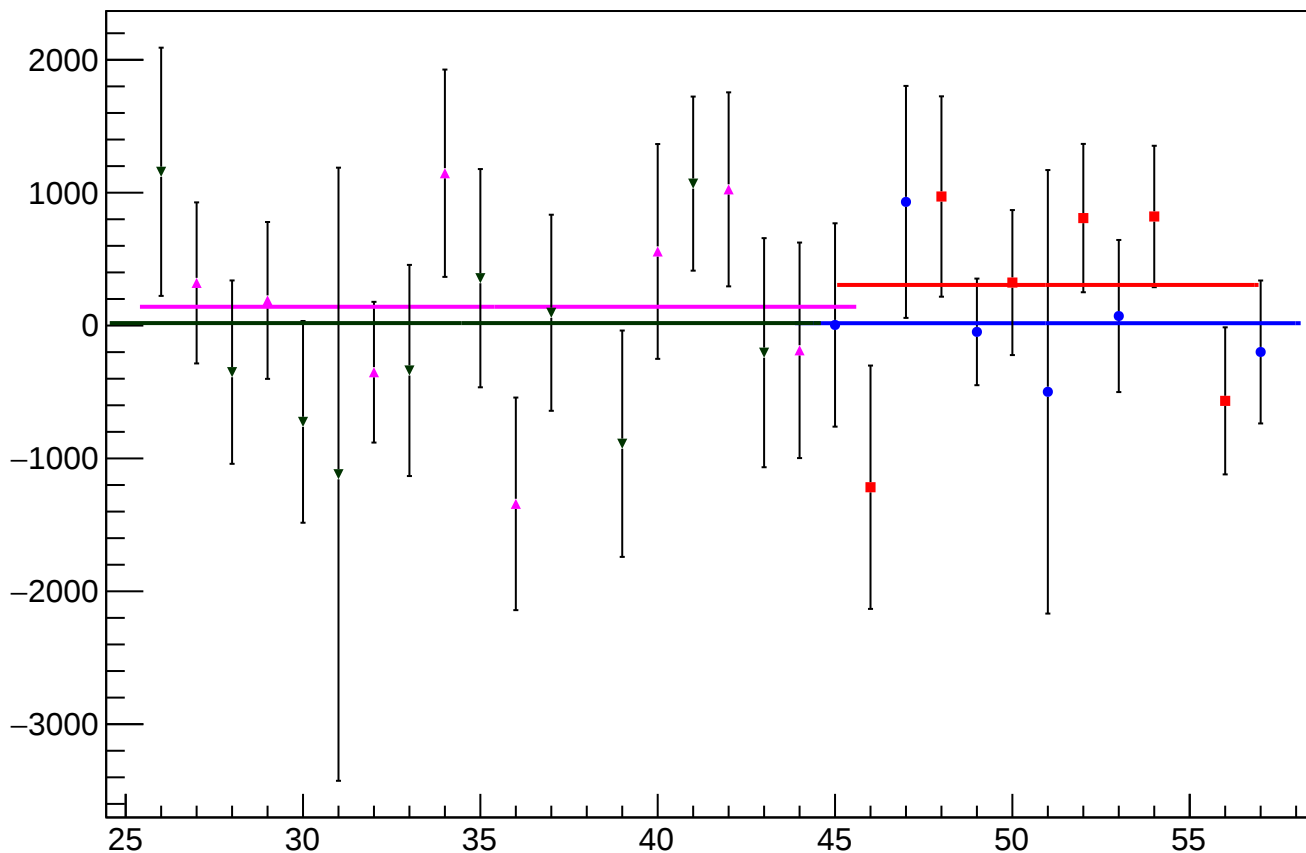
Right Out: 281.873+/-0.120 χ^2/NDF : 252977.6/5

Left In: 451.550+/-0.142 χ^2/NDF : 53983.7/7

362.822+/-0.095 χ^2/NDF : 1965660.0/15

352.456+/-0.091 χ^2/NDF : 1144234.7/13

asym_atr1l2_dd_mean vs slug



Right In: 17.757 $\pm$ 249.211 χ^2 /NDF: 1.4/5

Left Out: 18.643 $\pm$ 257.116 χ^2 /NDF: 7.1/9

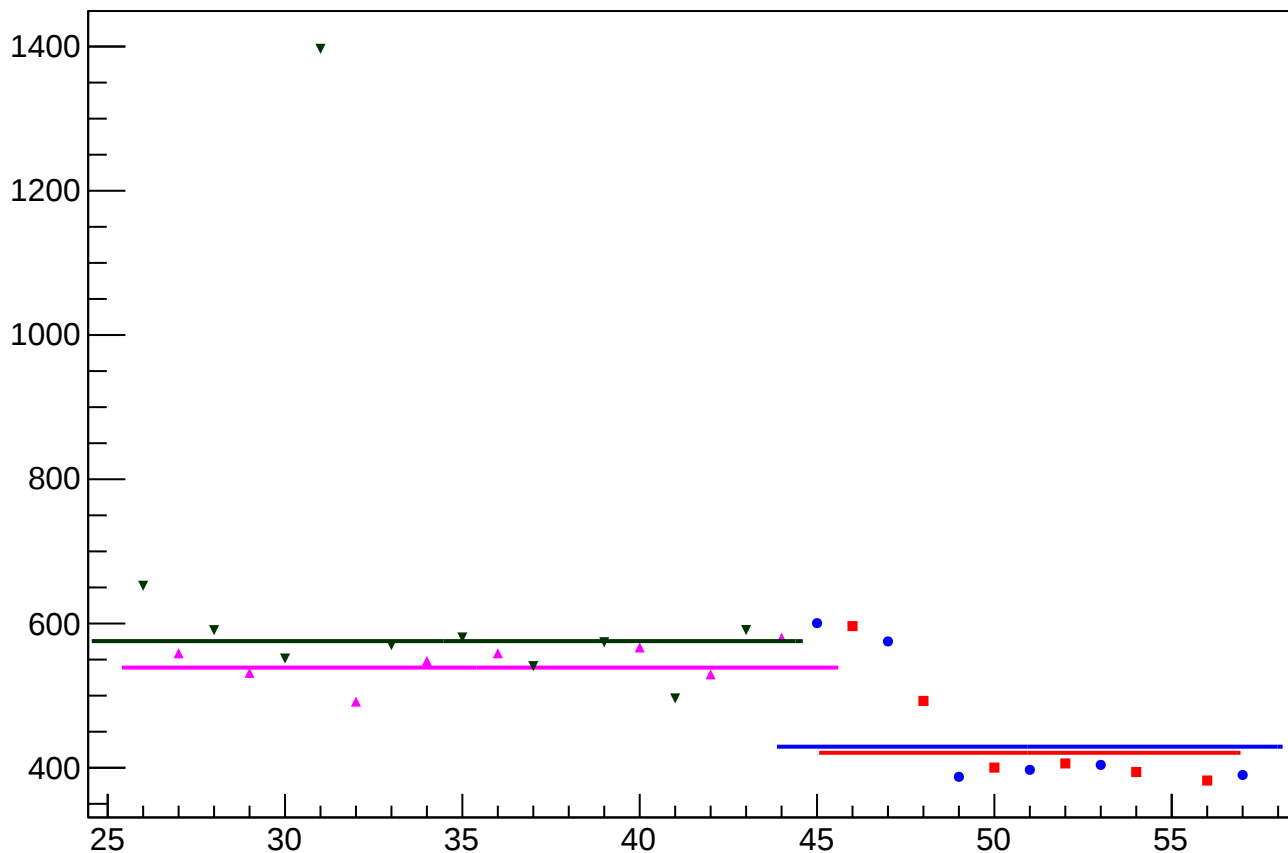
Right Out: 305.778 $\pm$ 247.570 χ^2 /NDF: 7.8/5

Left In: 141.414 $\pm$ 240.490 χ^2 /NDF: 8.0/7

18.186 $\pm$ 178.948 χ^2 /NDF: 8.5/15

221.212 $\pm$ 172.501 χ^2 /NDF: 16.0/13

asym_atr1l2_dd_rms vs slug



Right In: 429.226 ± 0.176 χ^2/NDF : 193109.9/5

Left Out: 575.614 ± 0.182 χ^2/NDF : 304506.5/9

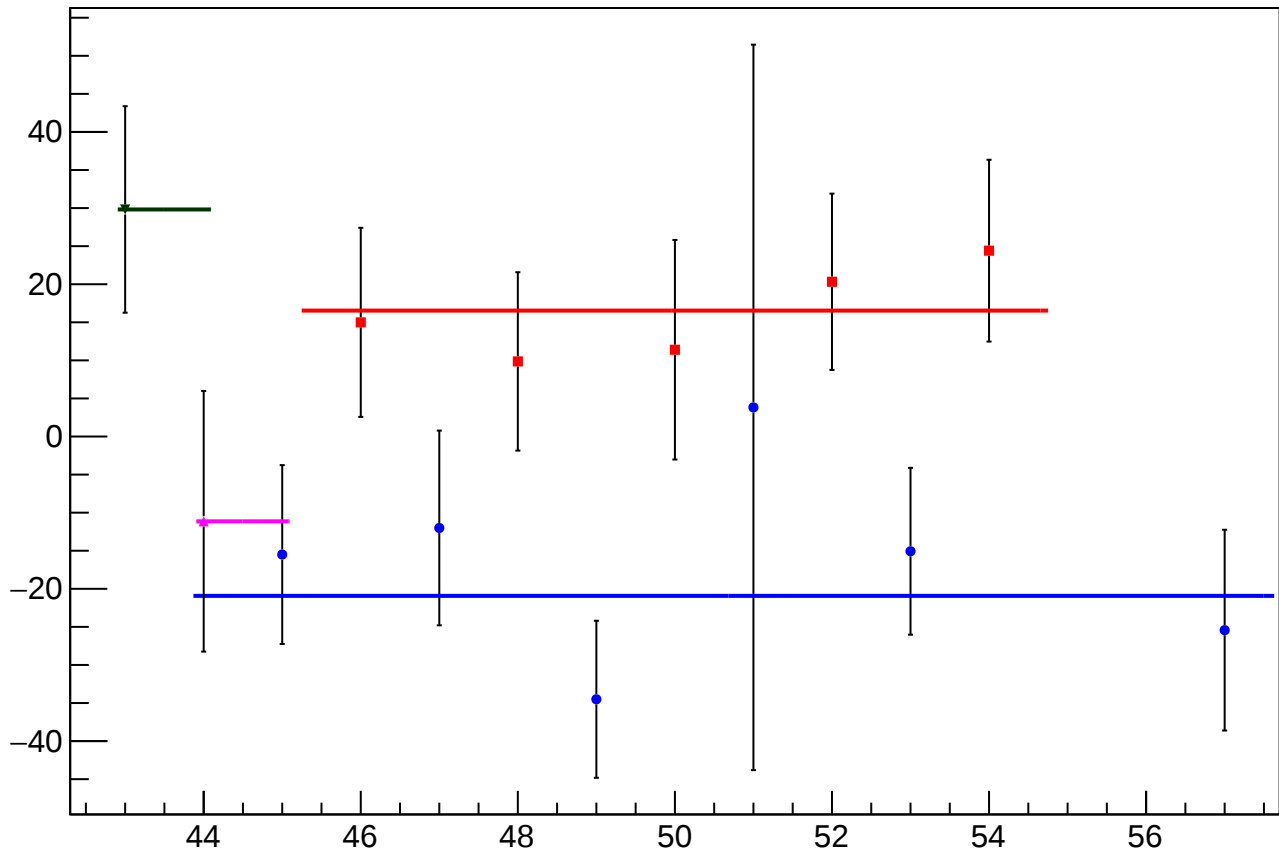
Right Out: 420.771 ± 0.175 χ^2/NDF : 110683.4/5

Left In: 538.892 ± 0.170 χ^2/NDF : 27749.5/7

500.135 ± 0.127 χ^2/NDF : 831889.1/15

481.544 ± 0.122 χ^2/NDF : 372682.2/13

diff_bpm0l01X_mean vs slug



Right In: -20.928 ± 5.178 χ^2/NDF : 3.1/5

Left Out: 29.821 ± 13.561 χ^2/NDF : 0.0/0

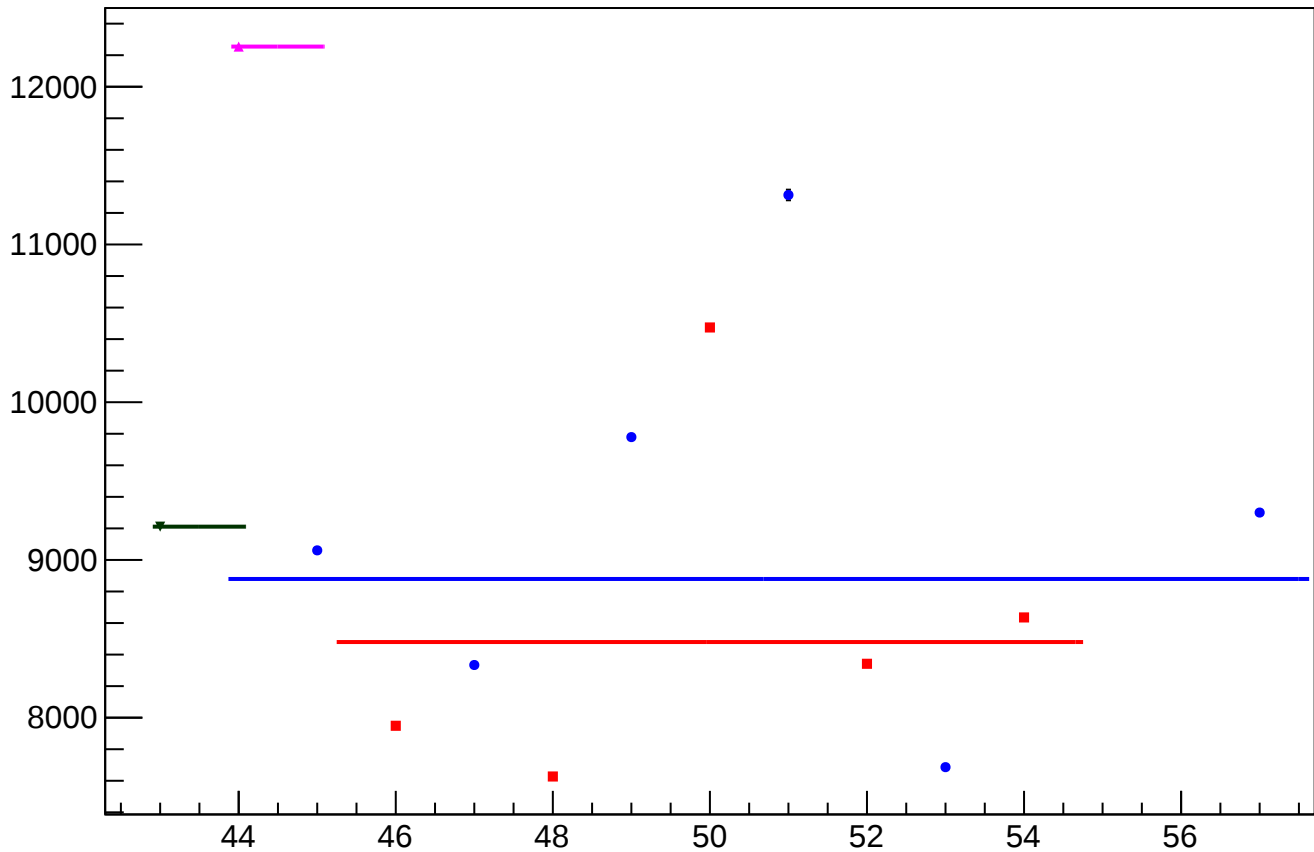
Right Out: 16.540 ± 5.499 χ^2/NDF : 1.0/4

Left In: -11.136 ± 17.113 χ^2/NDF : 0.0/0

-14.470 ± 4.838 χ^2/NDF : 15.3/6

13.950 ± 5.236 χ^2/NDF : 3.4/5

diff_bpm0l01X_rms vs slug



Right In: 8879.394+/-3.662 χ^2/NDF : 50299.6/5

Left Out: 9211.048+/-9.589 χ^2/NDF : 0.0/0

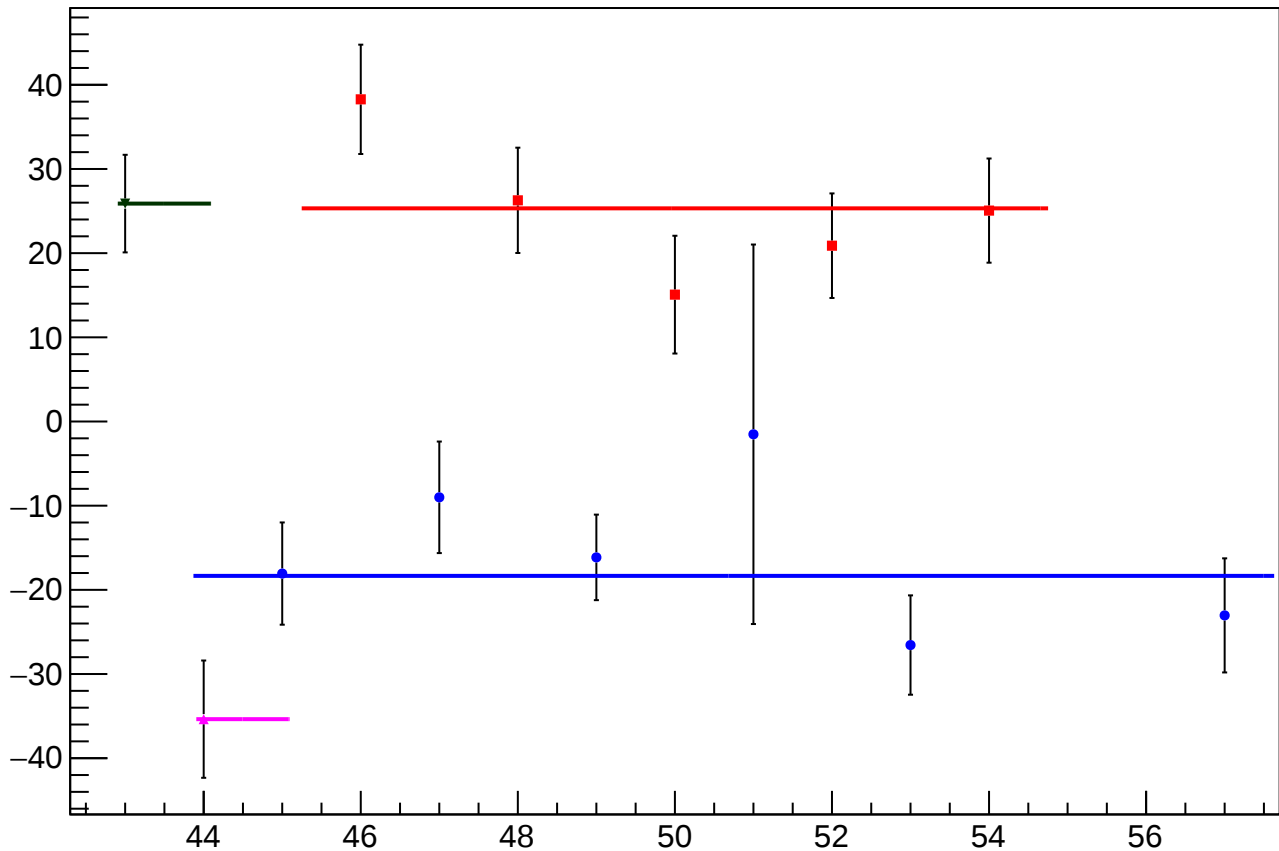
Right Out: 8479.563+/-3.889 χ^2/NDF : 53140.3/4

Left In: 12254.628+/-12.101 χ^2/NDF : 0.0/0

8921.599+/-3.421 χ^2/NDF : 51343.6/6

8832.901+/-3.702 χ^2/NDF : 141356.3/5

diff_bpm0l01Y_mean vs slug



Right In: -18.340 ± 2.662 χ^2/NDF : 5.1/5

Left Out: 25.888 ± 5.797 χ^2/NDF : 0.0/0

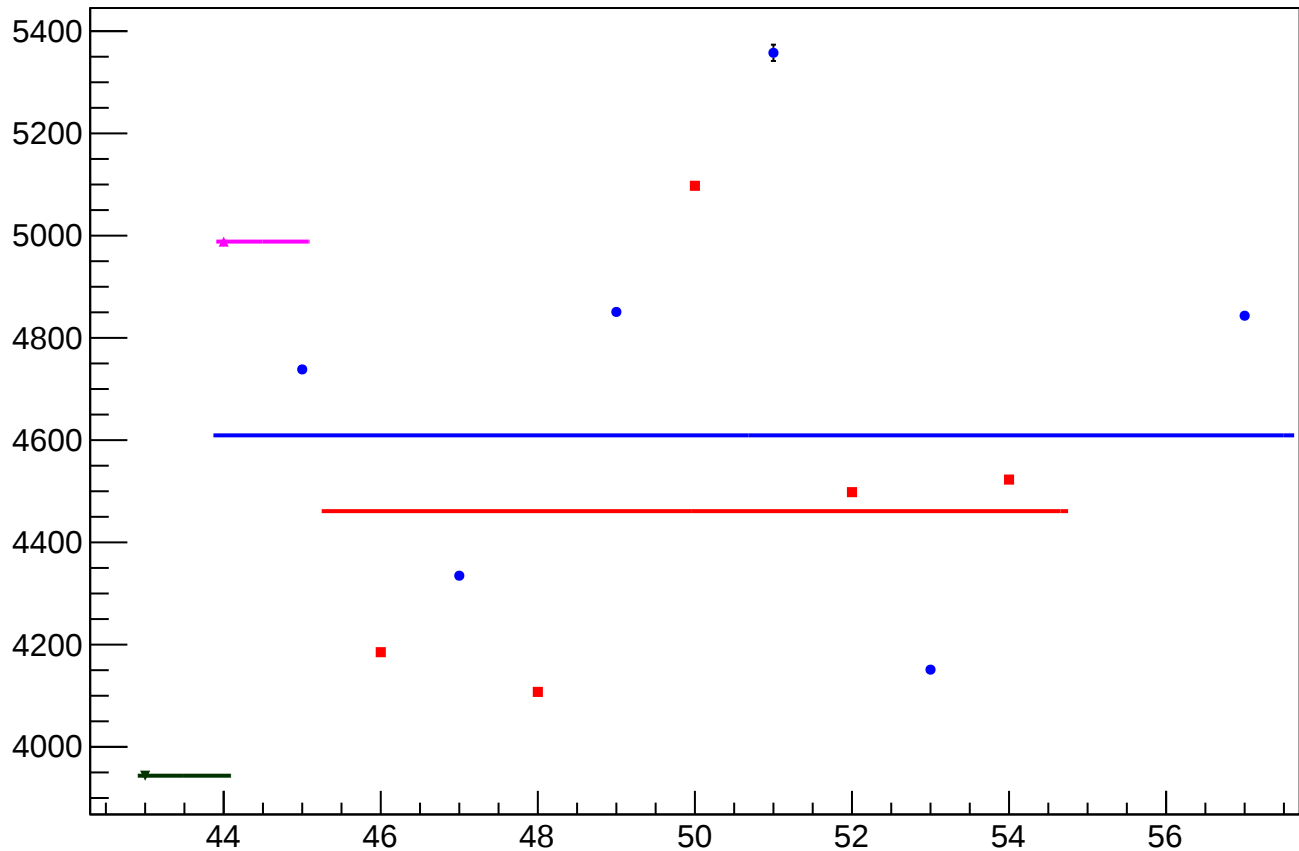
Right Out: 25.323 ± 2.866 χ^2/NDF : 6.7/4

Left In: -35.362 ± 6.967 χ^2/NDF : 0.0/0

-10.636 ± 2.419 χ^2/NDF : 53.2/6

16.538 ± 2.651 χ^2/NDF : 71.6/5

diff_bpm0l01Y_rms vs slug



Right In: 4609.354+/-1.883 χ^2/NDF : 25502.8/5

Left Out: 3943.608+/-4.099 χ^2/NDF : 0.0/0

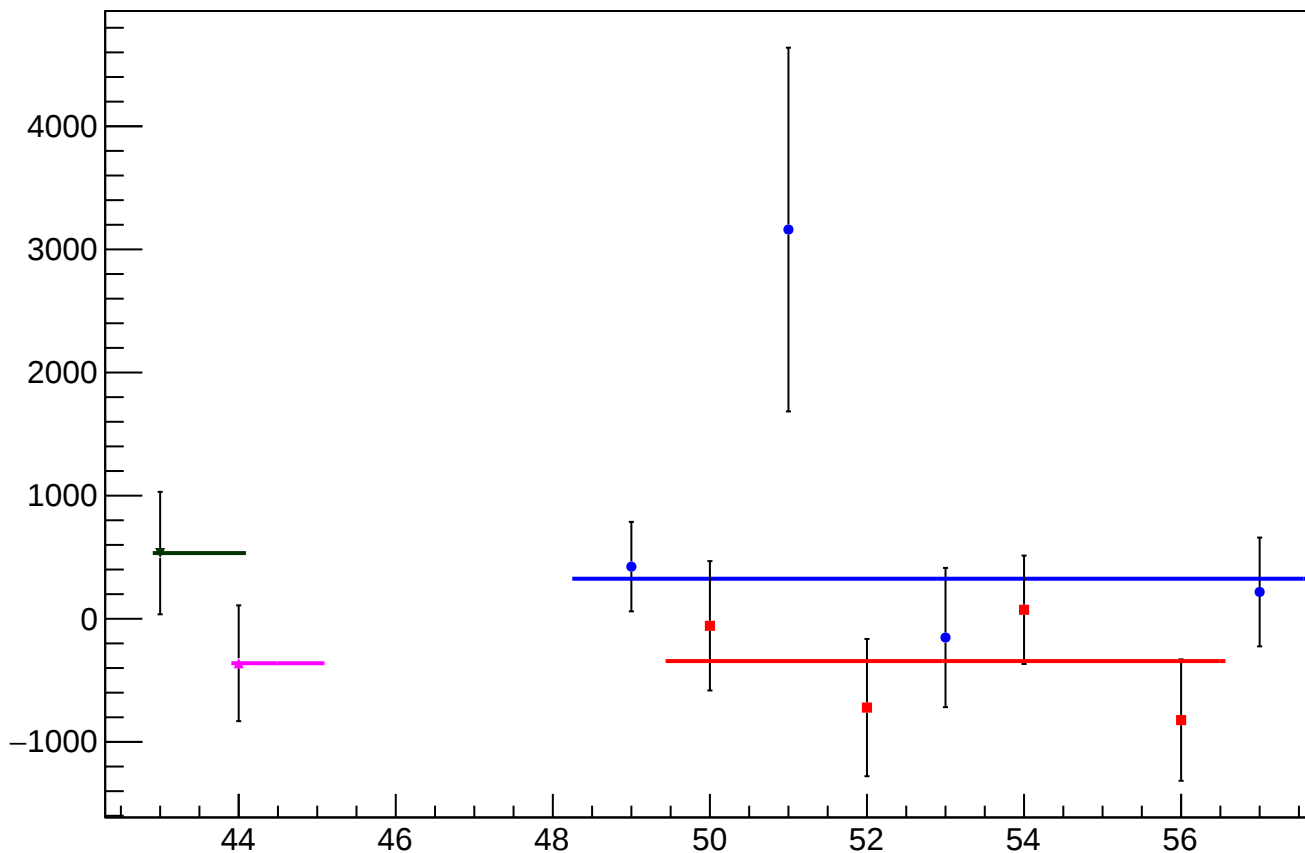
Right Out: 4461.104+/-2.027 χ^2/NDF : 26820.3/4

Left In: 4988.357+/-4.926 χ^2/NDF : 0.0/0

4493.392+/-1.711 χ^2/NDF : 47285.7/6

4537.425+/-1.874 χ^2/NDF : 36617.9/5

asym_ds_agg_av_mean vs slug



Right In: 325.304+/-247.818 χ^2/NDF : 4.5/3

Left Out: 533.704+/-497.188 χ^2/NDF : 0.0/0

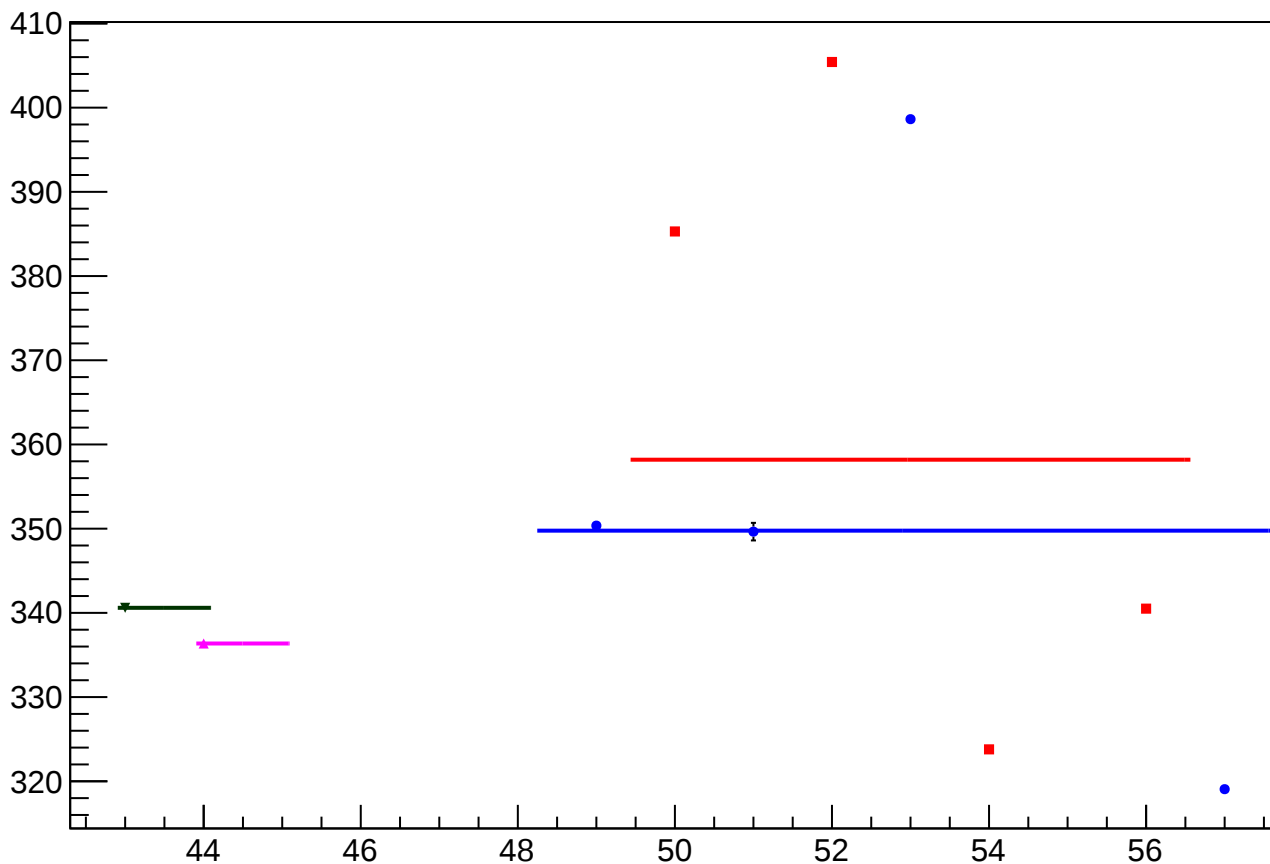
Right Out: -343.422+/-249.109 χ^2/NDF : 2.6/3

Left In: -361.123+/-470.256 χ^2/NDF : 0.0/0

366.776+/-221.794 χ^2/NDF : 4.7/4

-347.301+/-220.130 χ^2/NDF : 2.6/4

asym_ds_agg_av_rms vs slug



Right In: 349.763+/-0.175 χ^2/NDF : 24602.8/3

Left Out: 340.600+/-0.352 χ^2/NDF : 0.0/0

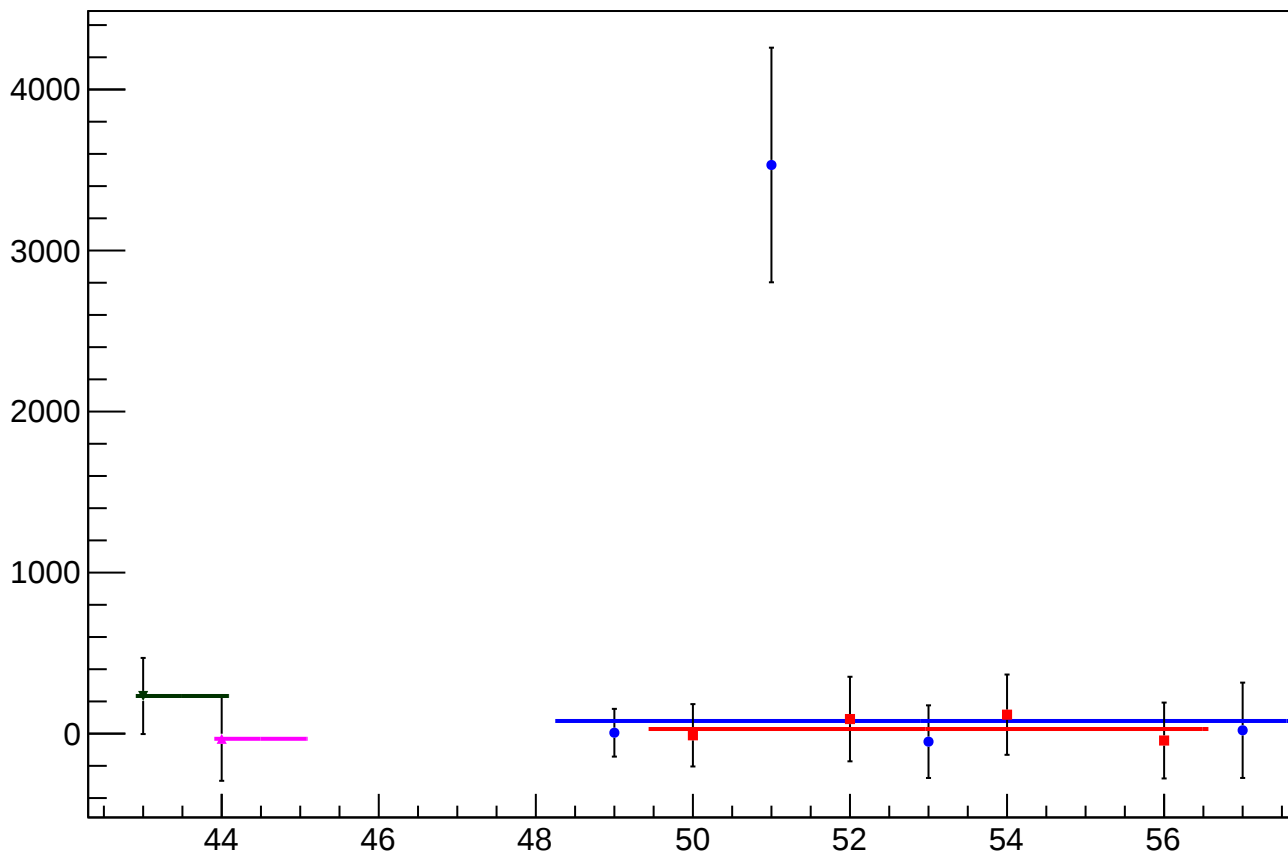
Right Out: 358.190+/-0.176 χ^2/NDF : 34471.4/3

Left In: 336.363+/-0.333 χ^2/NDF : 0.0/0

347.940+/-0.157 χ^2/NDF : 25146.9/4

353.407+/-0.156 χ^2/NDF : 37836.2/4

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: 78.600 $\pm$ 112.899 χ^2/NDF : 23.1/3

Left Out: 233.776 $\pm$ 236.364 χ^2/NDF : 0.0/0

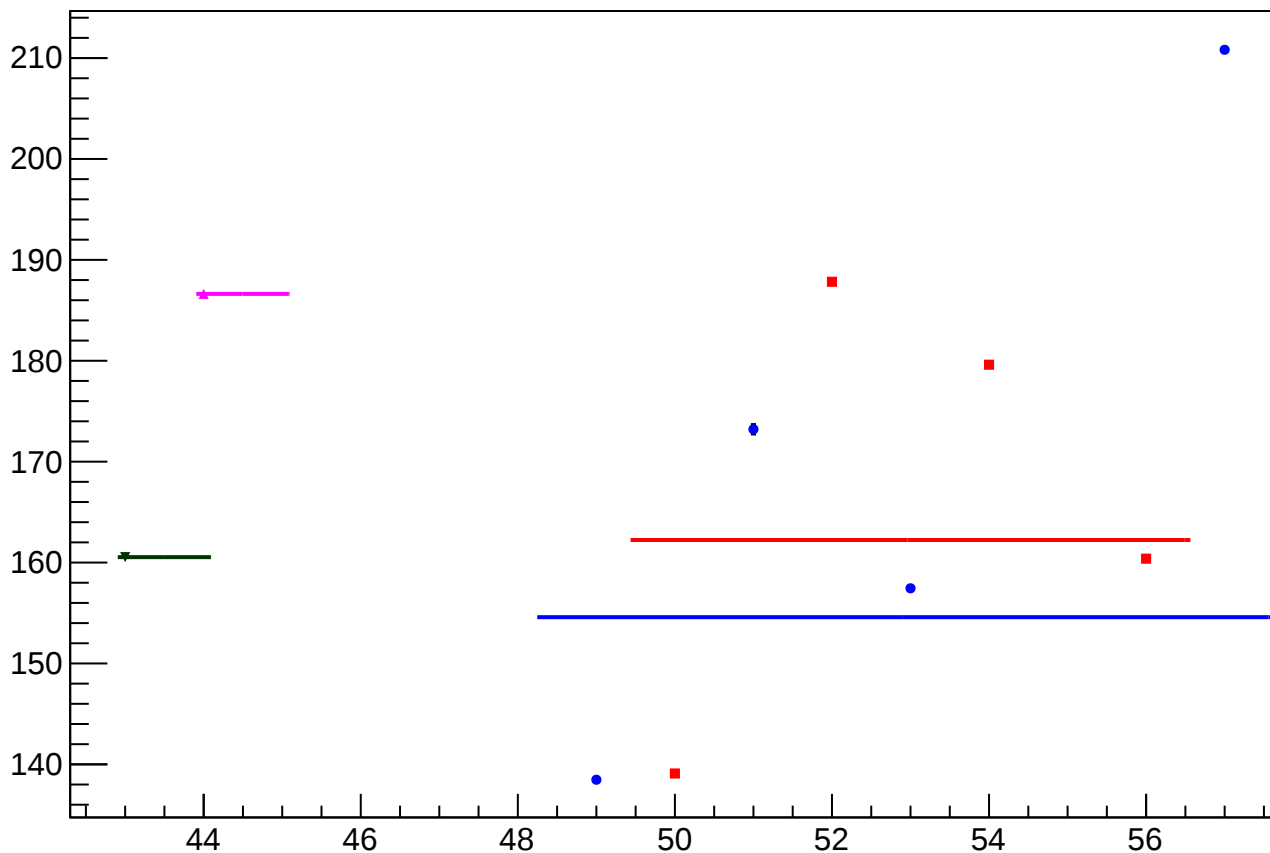
Right Out: 28.755 $\pm$ 115.239 χ^2/NDF : 0.3/3

Left In: -32.051 $\pm$ 260.803 χ^2/NDF : 0.0/0

107.427 $\pm$ 101.874 χ^2/NDF : 23.4/4

18.823 $\pm$ 105.408 χ^2/NDF : 0.4/4

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 154.587 $\pm$ 0.080 χ^2 /NDF: 97438.4/3

Left Out: 160.536 $\pm$ 0.167 χ^2 /NDF: 0.0/0

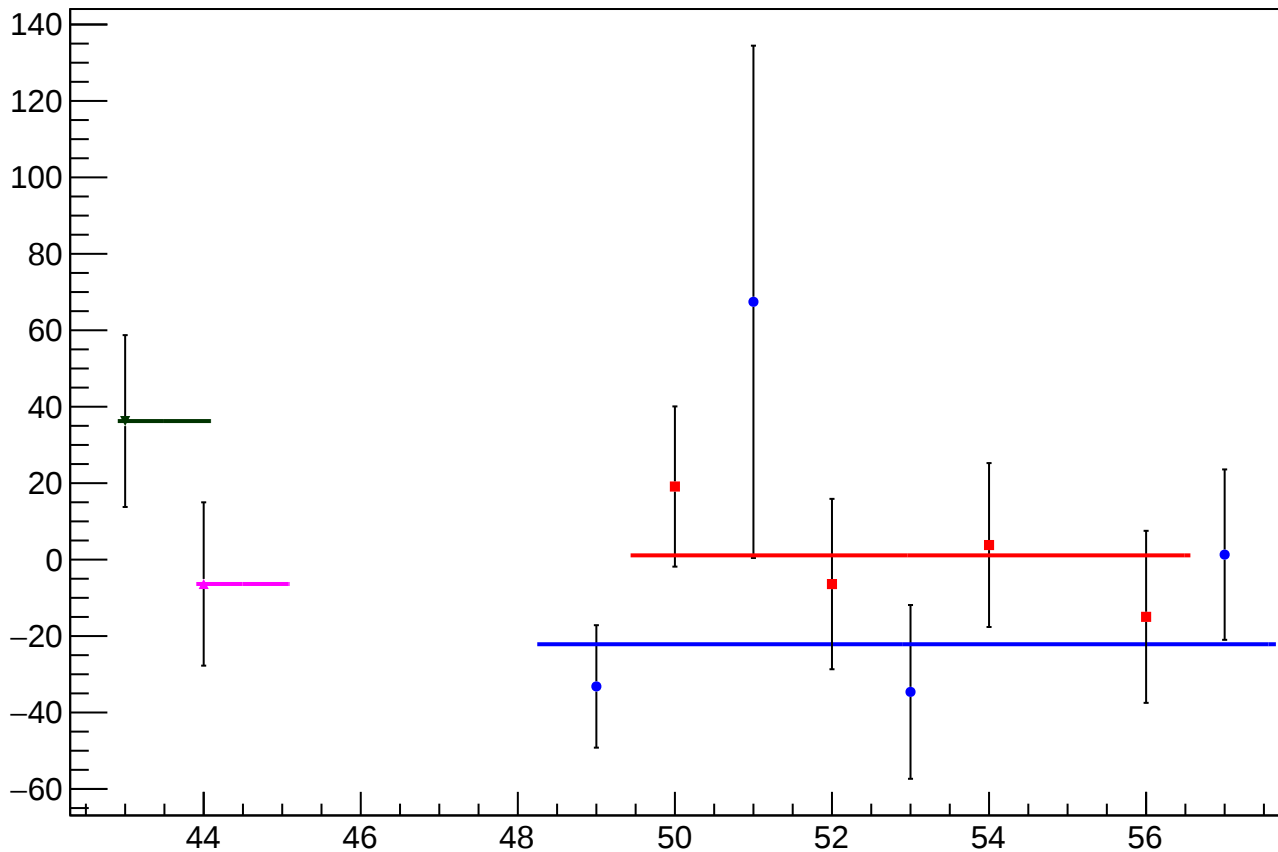
Right Out: 162.237 $\pm$ 0.081 χ^2 /NDF: 57413.6/3

Left In: 186.629 $\pm$ 0.184 χ^2 /NDF: 0.0/0

155.692 $\pm$ 0.072 χ^2 /NDF: 98470.1/4

166.222 $\pm$ 0.075 χ^2 /NDF: 72049.8/4

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: -22.141 ± 11.134 χ^2/NDF : 3.7/3

Left Out: 36.249 ± 22.481 χ^2/NDF : 0.0/0

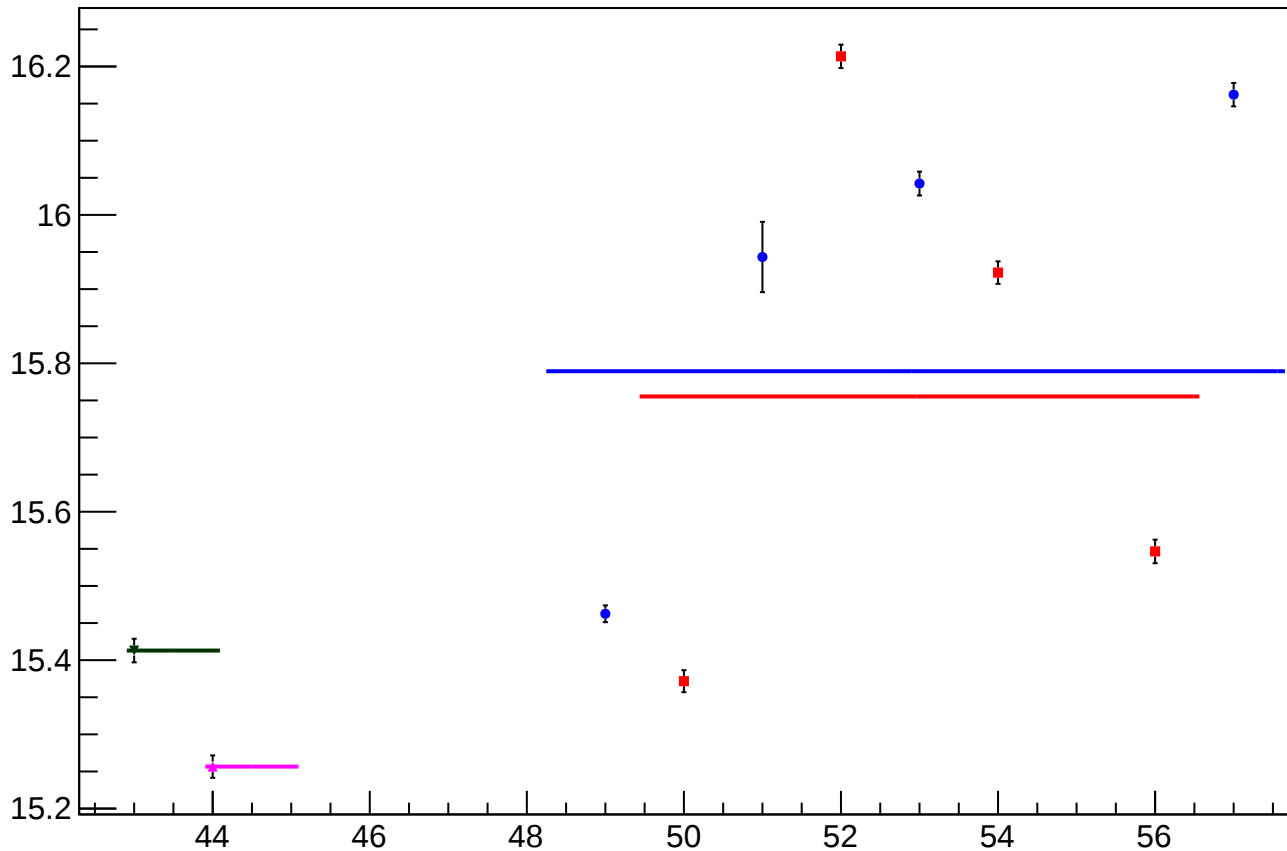
Right Out: 1.112 ± 10.885 χ^2/NDF : 1.4/3

Left In: -6.377 ± 21.365 χ^2/NDF : 0.0/0

-10.640 ± 9.977 χ^2/NDF : 9.1/4

-0.432 ± 9.699 χ^2/NDF : 1.5/4

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 15.789 $\pm$ 0.008 χ^2 /NDF: 1649.8/3

Left Out: 15.413 $\pm$ 0.016 χ^2 /NDF: 0.0/0

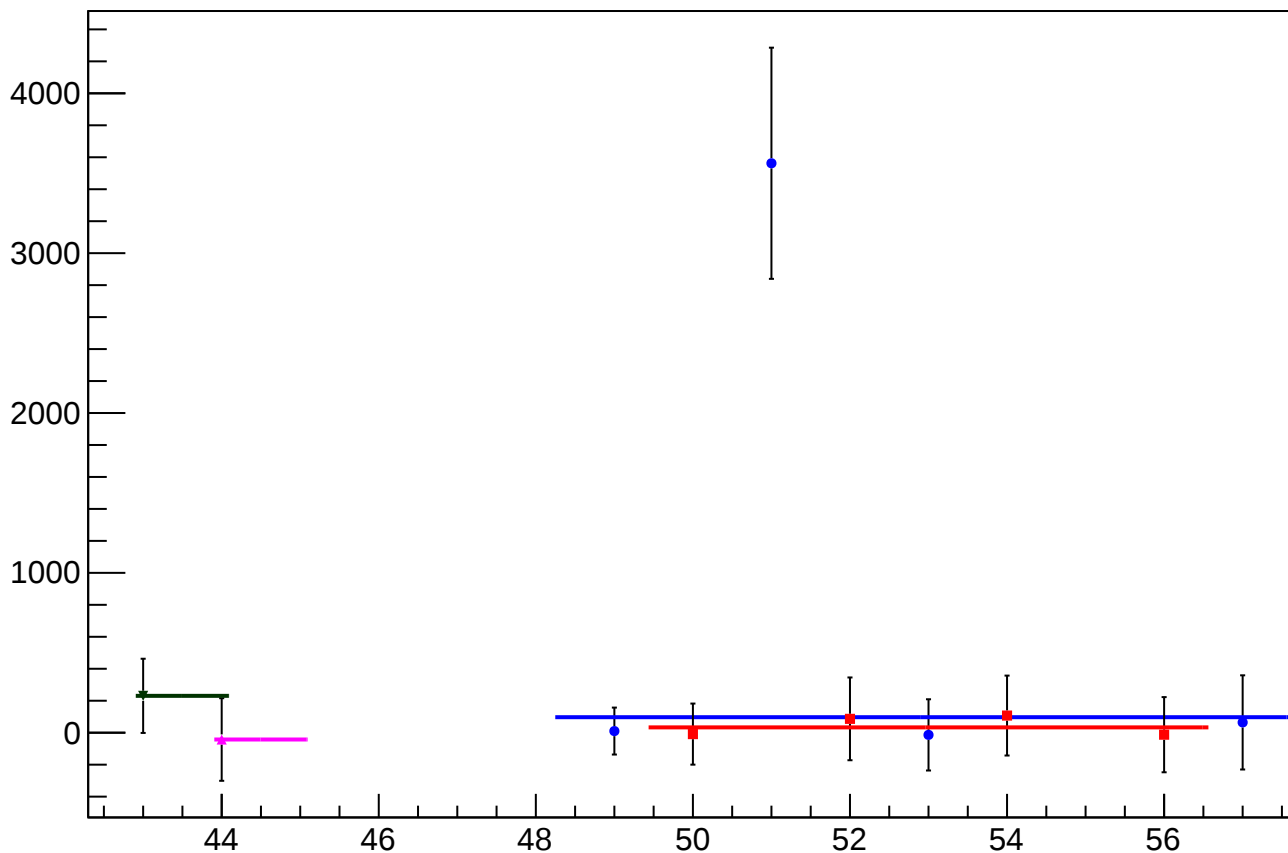
Right Out: 15.755 $\pm$ 0.008 χ^2 /NDF: 1809.3/3

Left In: 15.257 $\pm$ 0.015 χ^2 /NDF: 0.0/0

15.715 $\pm$ 0.007 χ^2 /NDF: 2100.1/4

15.653 $\pm$ 0.007 χ^2 /NDF: 2674.7/4

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: 96.956+/-111.846 χ^2/NDF : 23.6/3

Left Out: 230.569+/-232.106 χ^2/NDF : 0.0/0

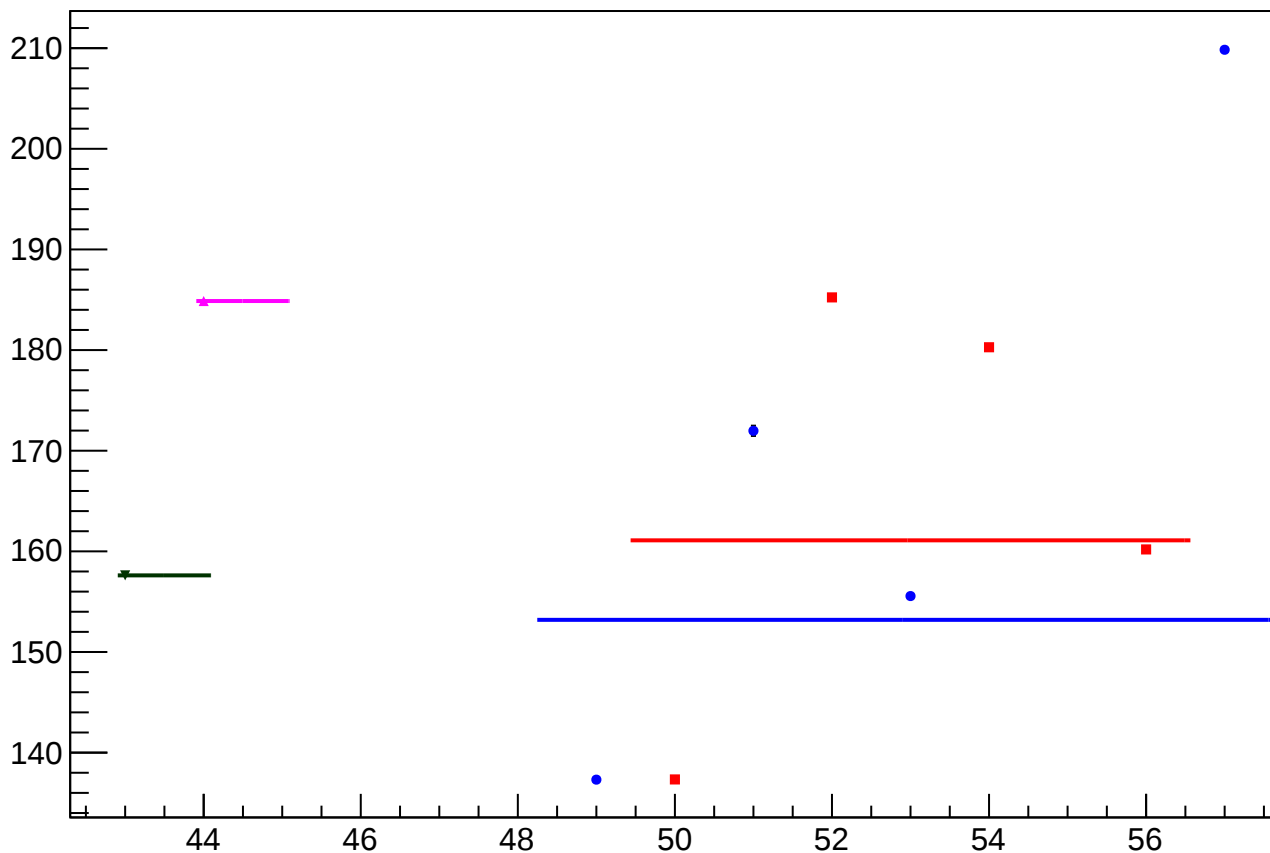
Right Out: 33.256+/-114.413 χ^2/NDF : 0.2/3

Left In: -42.573+/-258.353 χ^2/NDF : 0.0/0

122.134+/-100.758 χ^2/NDF : 23.8/4

20.823+/-104.613 χ^2/NDF : 0.3/4

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 153.195 $\pm$ 0.079 χ^2 /NDF: 98910.3/3

Left Out: 157.613 $\pm$ 0.164 χ^2 /NDF: 0.0/0

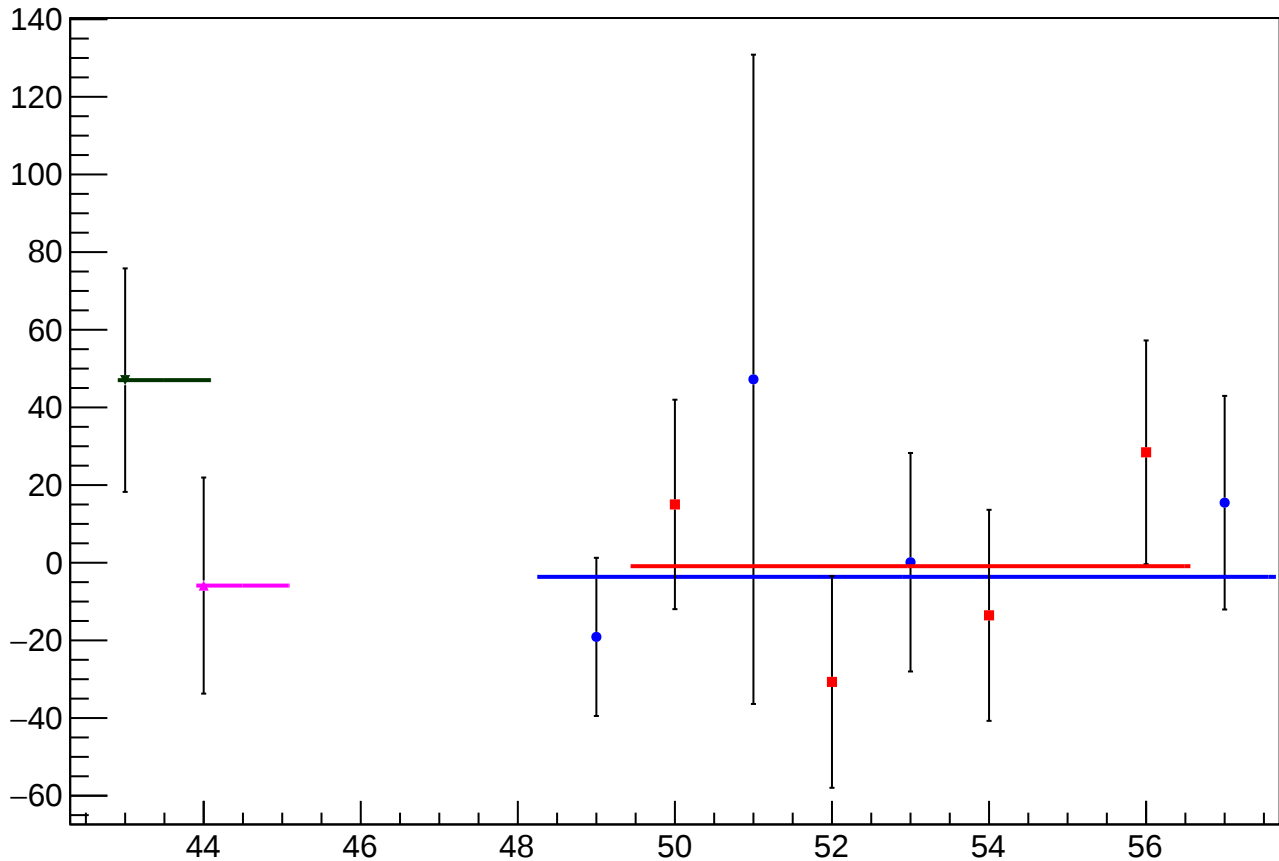
Right Out: 161.095 $\pm$ 0.081 χ^2 /NDF: 60118.8/3

Left In: 184.874 $\pm$ 0.183 χ^2 /NDF: 0.0/0

154.027 $\pm$ 0.071 χ^2 /NDF: 99498.5/4

164.994 $\pm$ 0.074 χ^2 /NDF: 74284.4/4

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -3.635 ± 13.951 χ^2/NDF : 1.4/3

Left Out: 47.028 ± 28.784 χ^2/NDF : 0.0/0

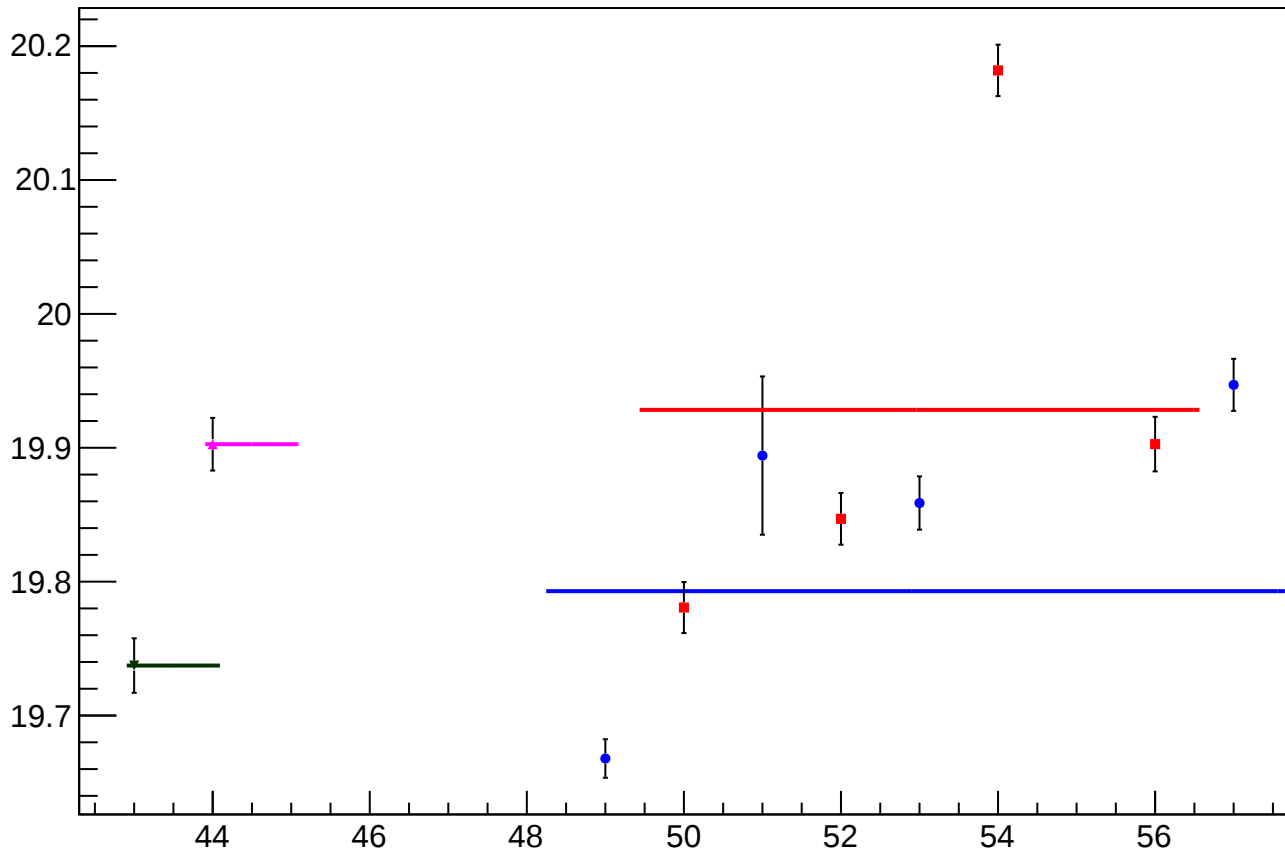
Right Out: -0.889 ± 13.765 χ^2/NDF : 2.8/3

Left In: -5.884 ± 27.829 χ^2/NDF : 0.0/0

6.003 ± 12.554 χ^2/NDF : 4.0/4

-1.871 ± 12.338 χ^2/NDF : 2.8/4

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 19.793+/-0.010 χ^2 /NDF: 152.0/3

Left Out: 19.737+/-0.020 χ^2 /NDF: 0.0/0

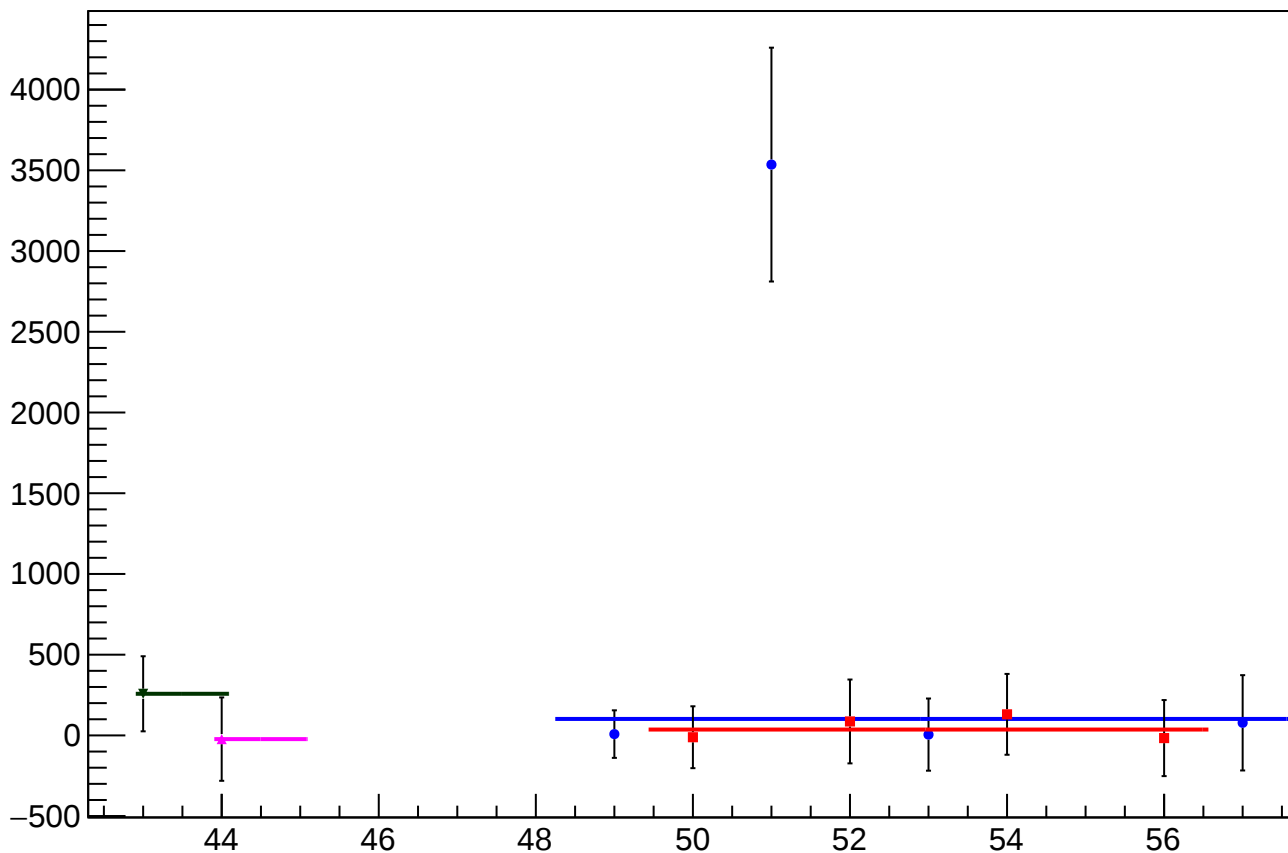
Right Out: 19.928+/-0.010 χ^2 /NDF: 253.5/3

Left In: 19.903+/-0.020 χ^2 /NDF: 0.0/0

19.782+/-0.009 χ^2 /NDF: 158.0/4

19.923+/-0.009 χ^2 /NDF: 254.8/4

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: 102.040 $\pm$ 112.145 χ^2 /NDF: 23.1/3

Left Out: 257.793 $\pm$ 232.498 χ^2 /NDF: 0.0/0

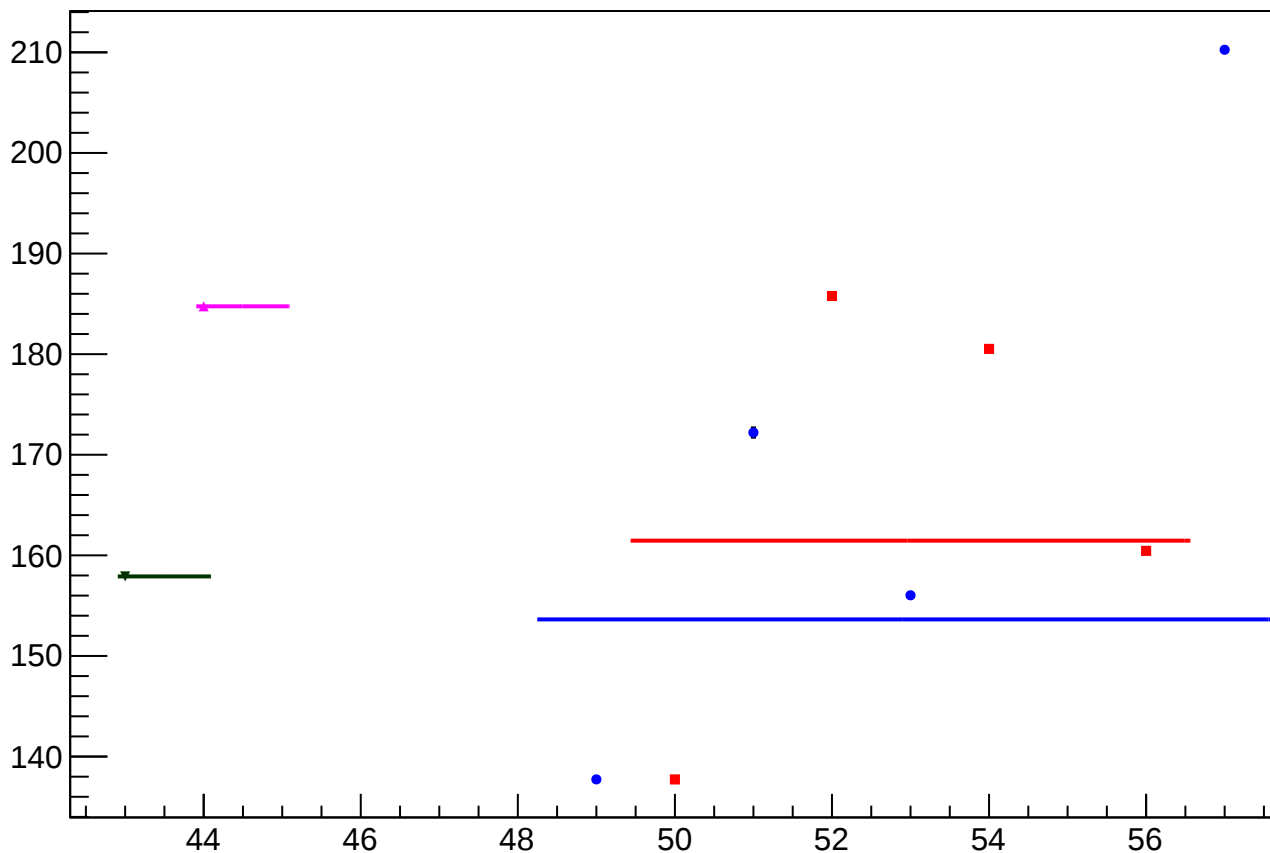
Right Out: 36.287 $\pm$ 114.672 χ^2 /NDF: 0.3/3

Left In: -22.928 $\pm$ 258.180 χ^2 /NDF: 0.0/0

131.438 $\pm$ 101.009 χ^2 /NDF: 23.4/4

26.531 $\pm$ 104.800 χ^2 /NDF: 0.3/4

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 153.633+/-0.079 χ^2/NDF : 98469.9/3

Left Out: 157.905+/-0.164 χ^2/NDF : 0.0/0

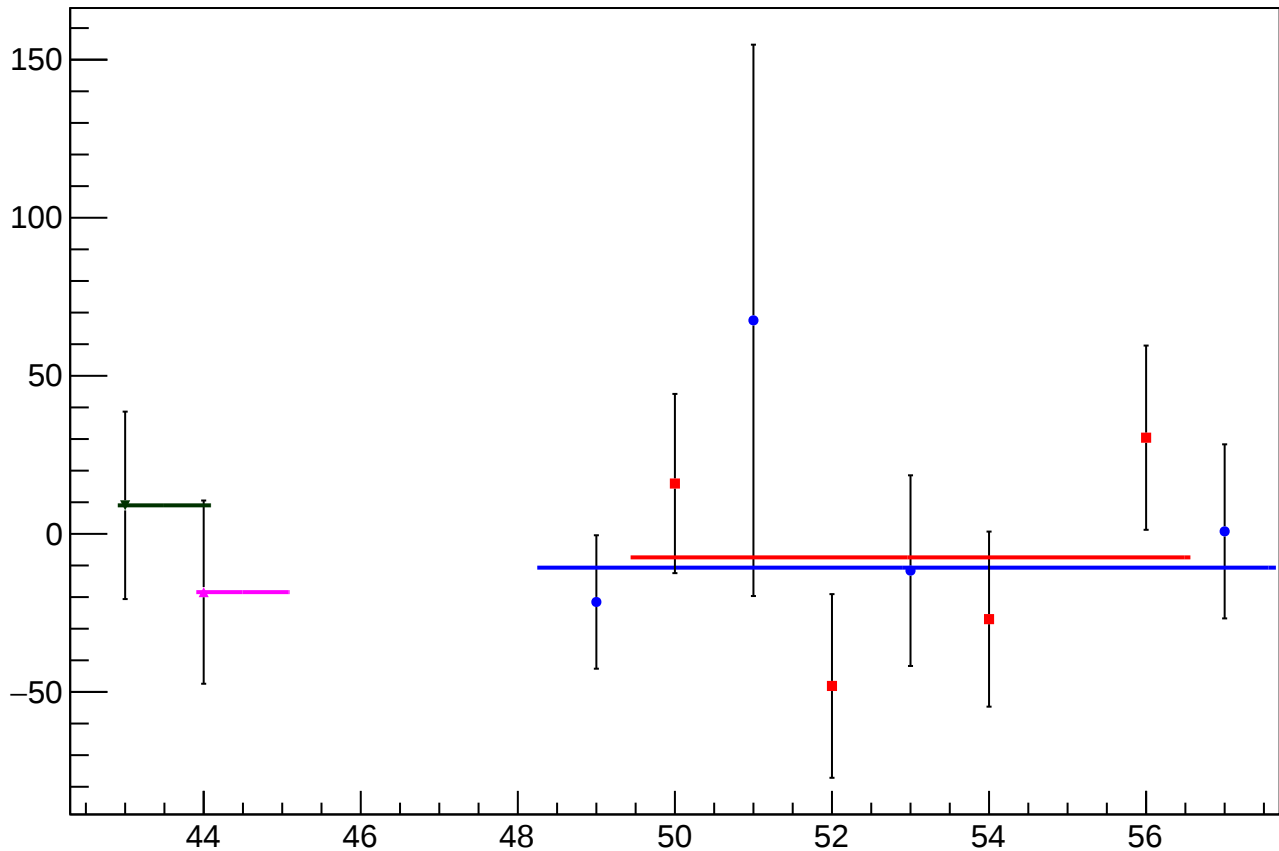
Right Out: 161.461+/-0.081 χ^2/NDF : 59862.6/3

Left In: 184.755+/-0.183 χ^2/NDF : 0.0/0

154.439+/-0.071 χ^2/NDF : 99017.8/4

165.299+/-0.074 χ^2/NDF : 73461.1/4

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -10.685 $\pm$ 14.442 χ^2 /NDF: 1.2/3

Left Out: 9.023 $\pm$ 29.646 χ^2 /NDF: 0.0/0

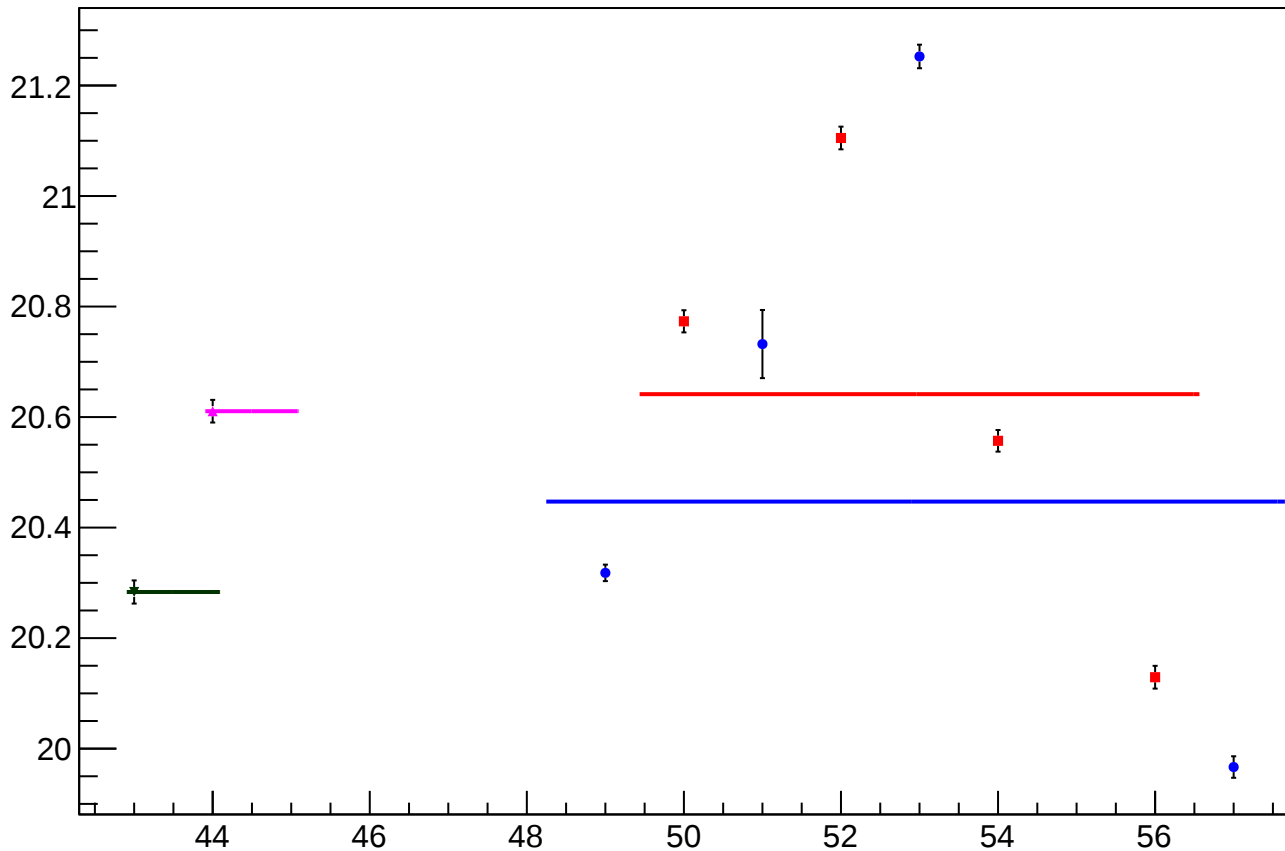
Right Out: -7.436 $\pm$ 14.270 χ^2 /NDF: 4.8/3

Left In: -18.430 $\pm$ 28.983 χ^2 /NDF: 0.0/0

-6.905 $\pm$ 12.983 χ^2 /NDF: 1.6/4

-9.581 $\pm$ 12.802 χ^2 /NDF: 4.9/4

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 20.447±/0.010 χ^2/NDF : 2131.5/3

Left Out: 20.283±/0.021 χ^2/NDF : 0.0/0

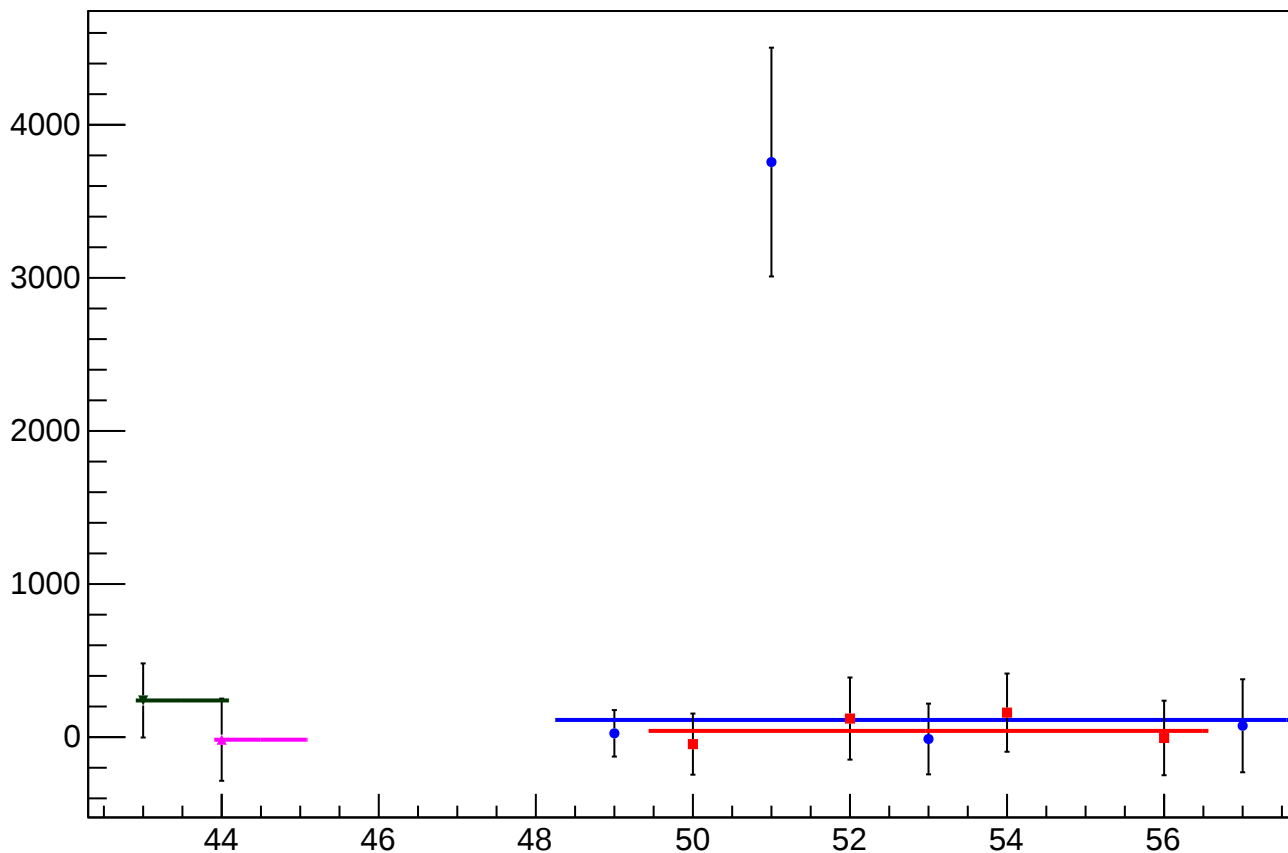
Right Out: 20.641±/0.010 χ^2/NDF : 1189.0/3

Left In: 20.611±/0.020 χ^2/NDF : 0.0/0

20.416±/0.009 χ^2/NDF : 2180.7/4

20.635±/0.009 χ^2/NDF : 1190.8/4

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: 112.266 $\pm$ 115.698 χ^2 /NDF: 24.4/3

Left Out: 239.549 $\pm$ 242.055 χ^2 /NDF: 0.0/0

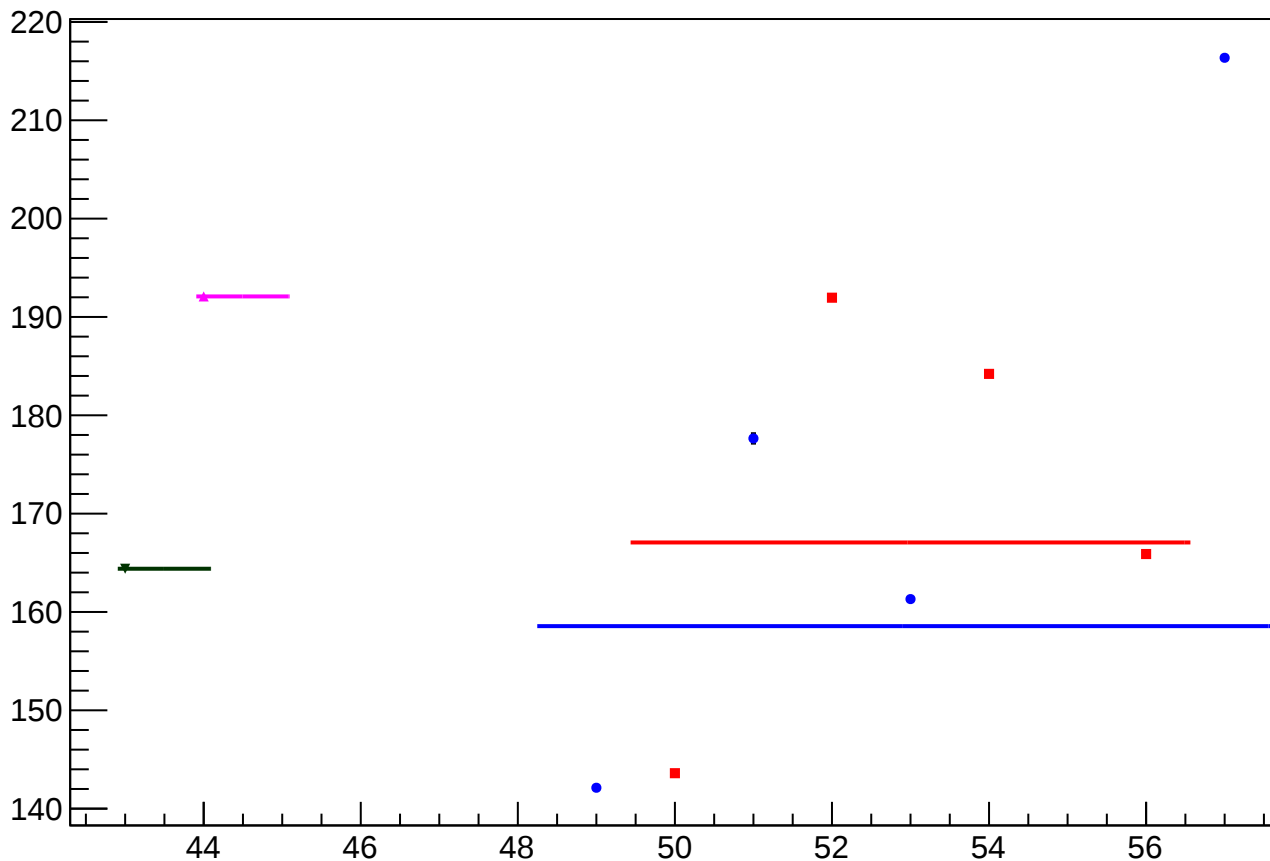
Right Out: 40.750 $\pm$ 118.535 χ^2 /NDF: 0.5/3

Left In: -16.805 $\pm$ 268.428 χ^2 /NDF: 0.0/0

135.937 $\pm$ 104.386 χ^2 /NDF: 24.7/4

31.358 $\pm$ 108.433 χ^2 /NDF: 0.6/4

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 158.560 $\pm$ 0.082 χ^2/NDF : 97417.8/3

Left Out: 164.396 $\pm$ 0.171 χ^2/NDF : 0.0/0

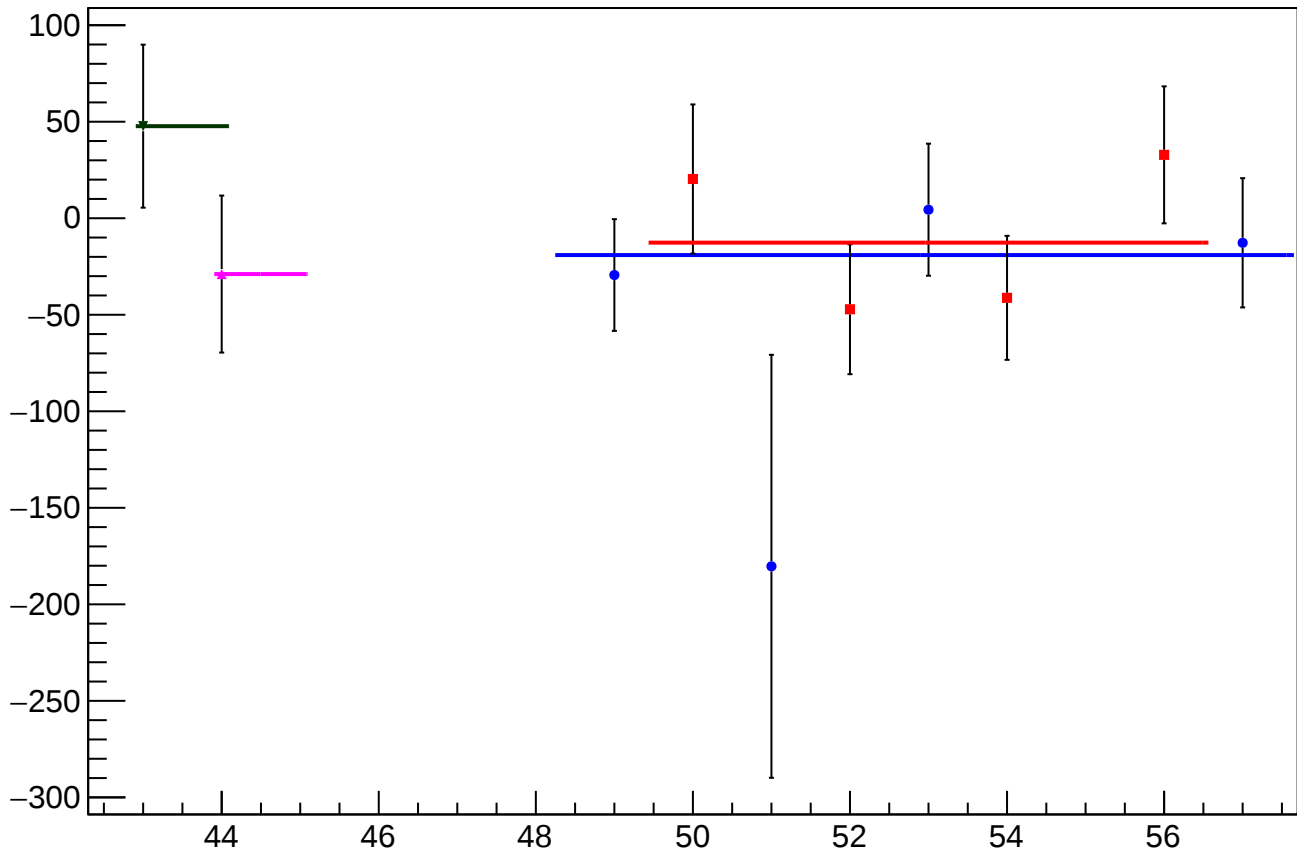
Right Out: 167.068 $\pm$ 0.084 χ^2/NDF : 53896.5/3

Left In: 192.088 $\pm$ 0.190 χ^2/NDF : 0.0/0

159.645 $\pm$ 0.074 χ^2/NDF : 98364.3/4

171.151 $\pm$ 0.077 χ^2/NDF : 68436.7/4

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -19.079 $\pm$ 18.181 χ^2 /NDF: 2.8/3

Left Out: 47.694 $\pm$ 42.218 χ^2 /NDF: 0.0/0

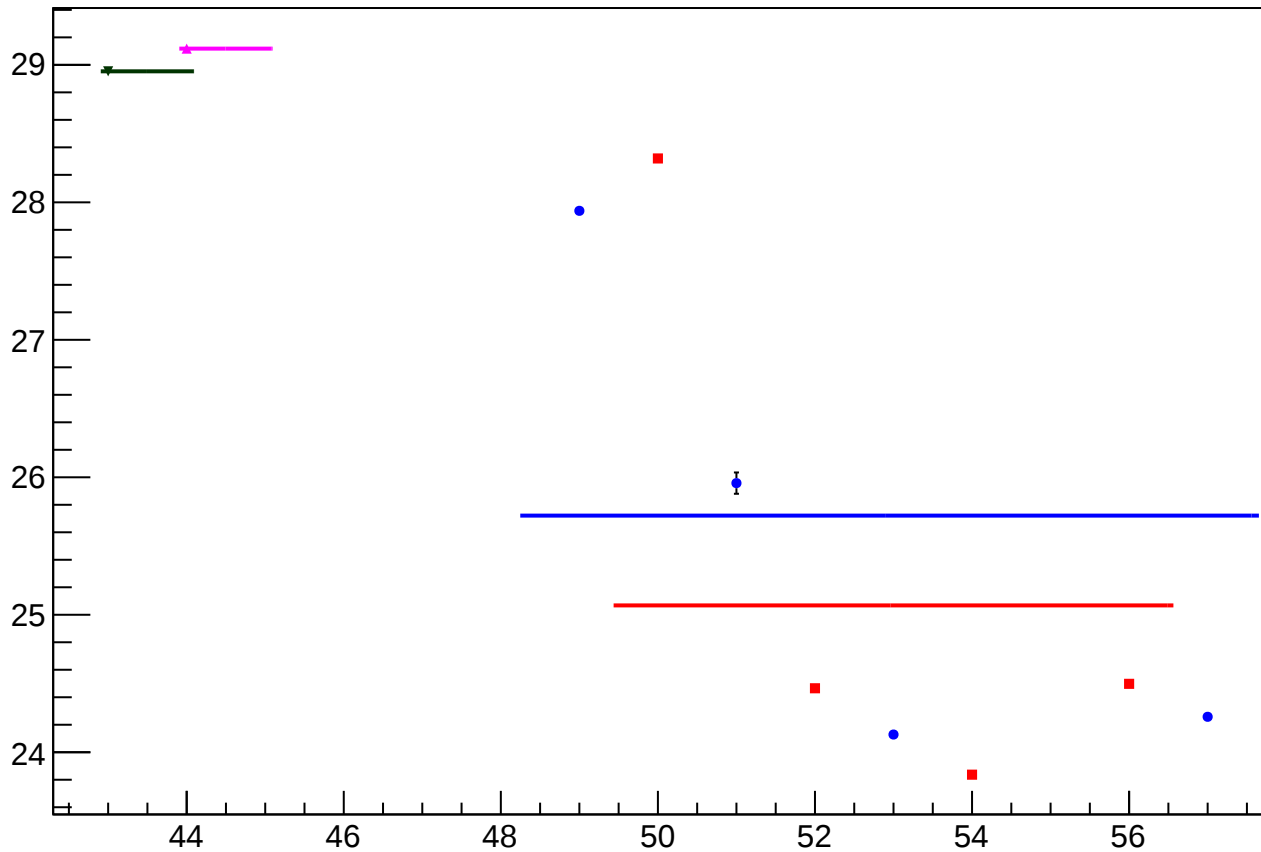
Right Out: -12.636 $\pm$ 17.361 χ^2 /NDF: 4.2/3

Left In: -28.921 $\pm$ 40.658 χ^2 /NDF: 0.0/0

-8.633 $\pm$ 16.698 χ^2 /NDF: 4.9/4

-15.148 $\pm$ 15.966 χ^2 /NDF: 4.4/4

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 25.721 $\pm$ 0.013 χ^2 /NDF: 19911.0/3

Left Out: 28.953 $\pm$ 0.030 χ^2 /NDF: 0.0/0

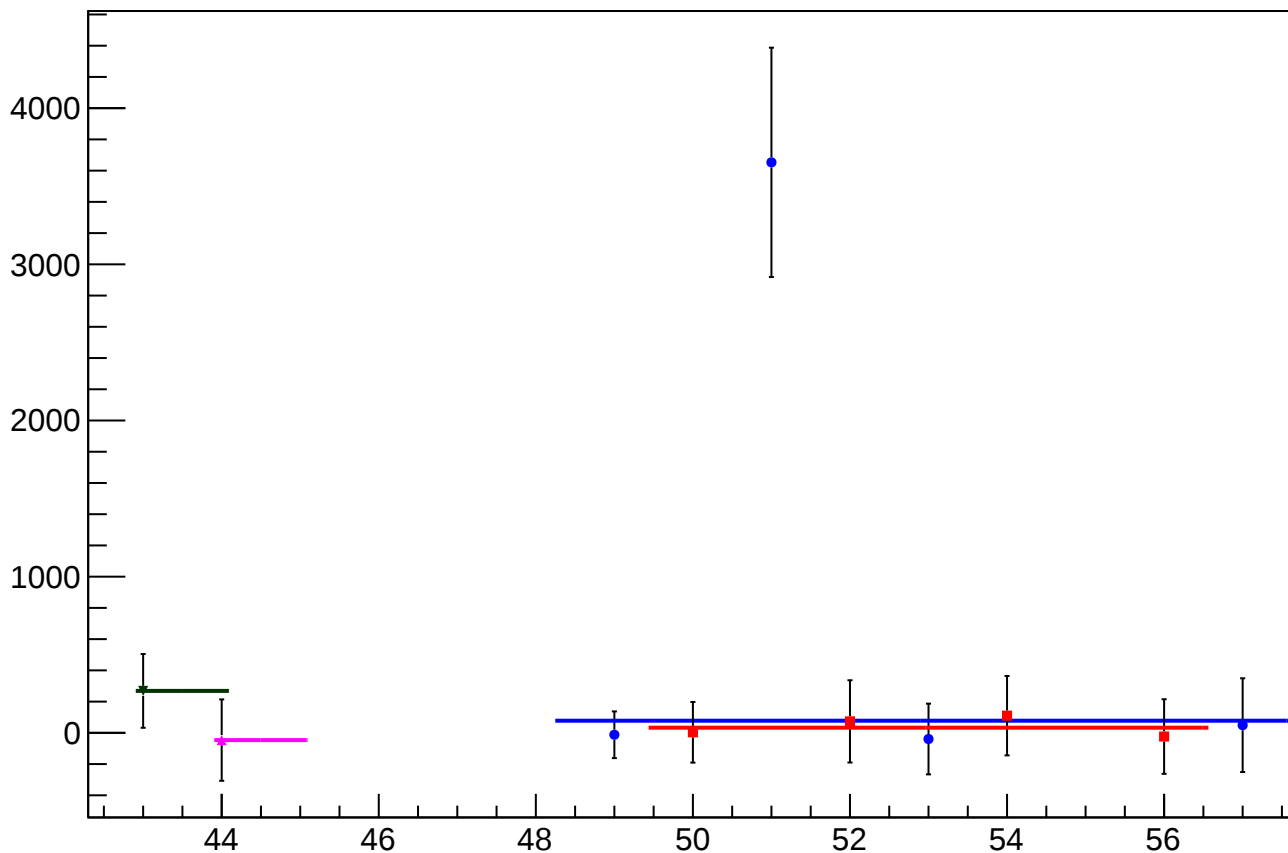
Right Out: 25.068 $\pm$ 0.012 χ^2 /NDF: 18269.0/3

Left In: 29.118 $\pm$ 0.029 χ^2 /NDF: 0.0/0

26.227 $\pm$ 0.012 χ^2 /NDF: 29797.2/4

25.693 $\pm$ 0.011 χ^2 /NDF: 35053.8/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: 77.693+/-113.816 χ^2/NDF : 24.3/3

Left Out: 268.579+/-236.251 χ^2/NDF : 0.0/0

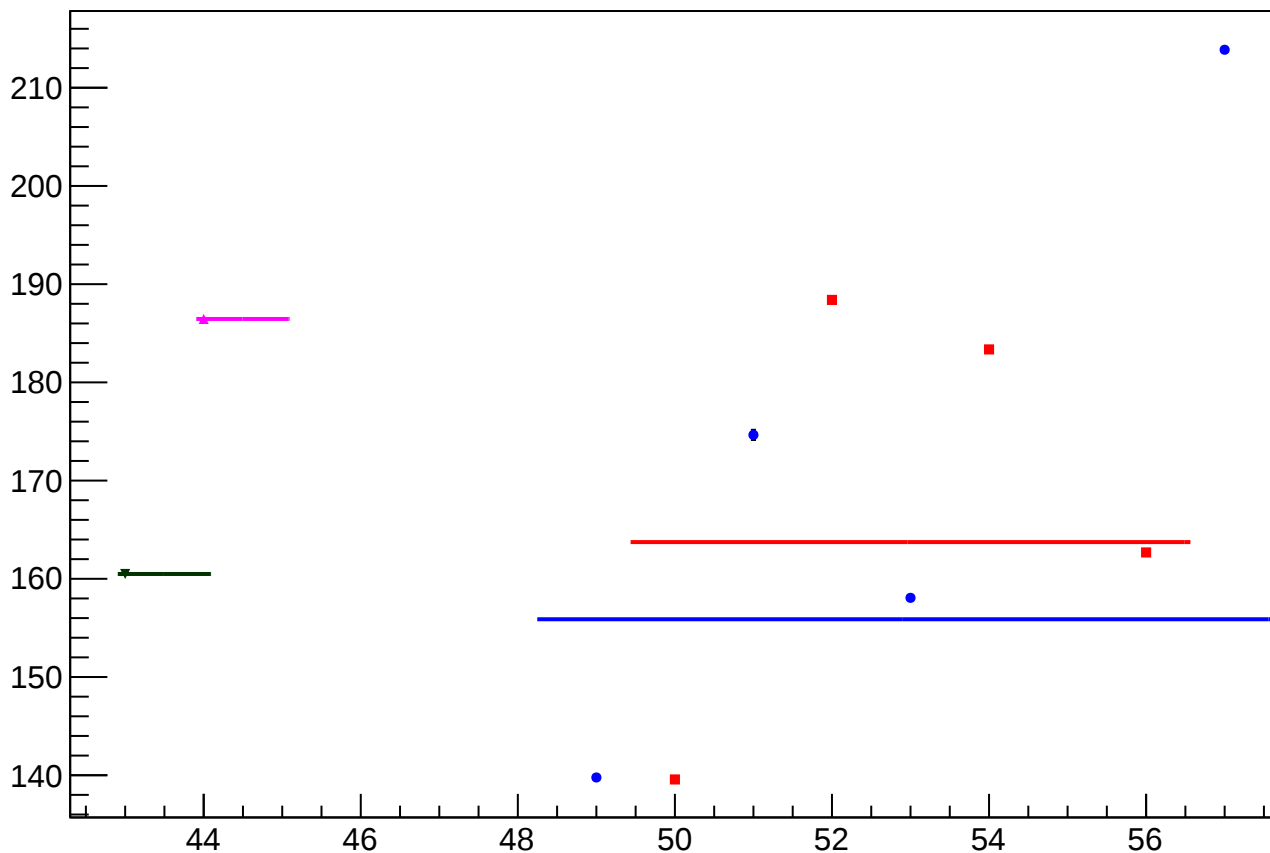
Right Out: 32.955+/-116.303 χ^2/NDF : 0.2/3

Left In: -46.555+/-260.560 χ^2/NDF : 0.0/0

113.651+/-102.538 χ^2/NDF : 24.9/4

19.746+/-106.204 χ^2/NDF : 0.3/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 155.881+/-0.080 χ^2/NDF : 99333.9/3

Left Out: 160.492+/-0.167 χ^2/NDF : 0.0/0

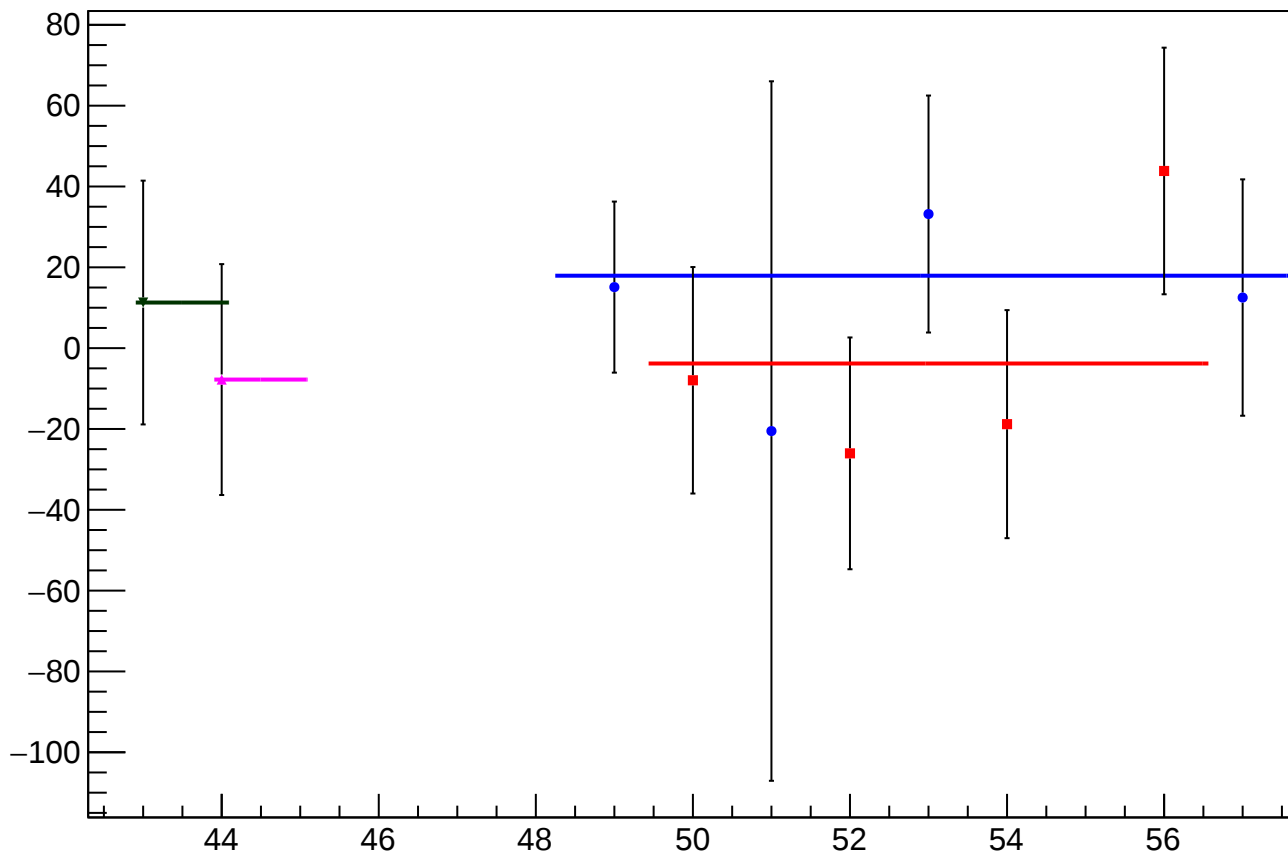
Right Out: 163.738+/-0.082 χ^2/NDF : 60447.9/3

Left In: 186.457+/-0.184 χ^2/NDF : 0.0/0

156.749+/-0.073 χ^2/NDF : 99952.3/4

167.513+/-0.075 χ^2/NDF : 73126.8/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: 17.926 $\pm$ 14.589 χ^2/NDF : 0.5/3

Left Out: 11.285 $\pm$ 30.163 χ^2/NDF : 0.0/0

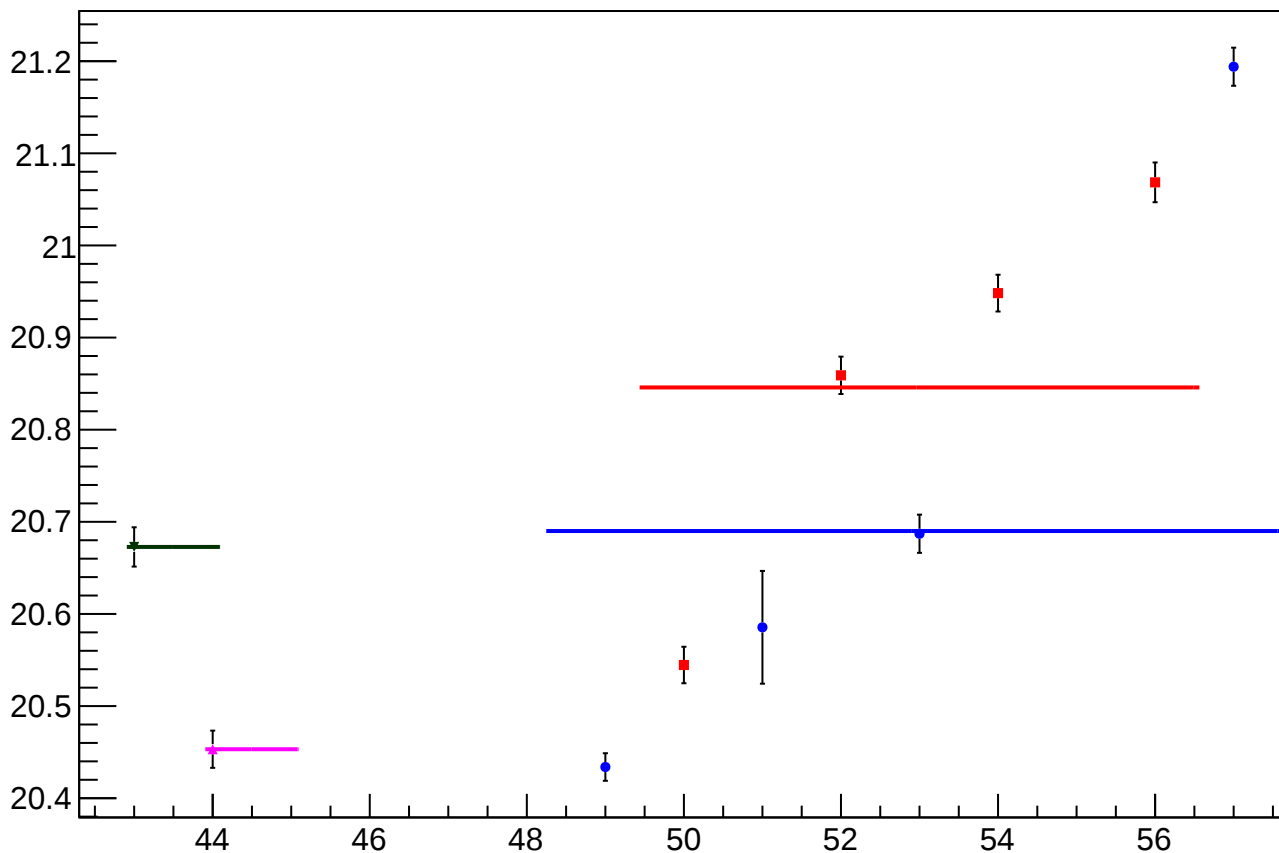
Right Out: -3.800 $\pm$ 14.404 χ^2/NDF : 3.3/3

Left In: -7.775 $\pm$ 28.568 χ^2/NDF : 0.0/0

16.667 $\pm$ 13.134 χ^2/NDF : 0.6/4

-4.605 $\pm$ 12.862 χ^2/NDF : 3.4/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 20.690 $\pm$ 0.010 χ^2 /NDF: 889.8/3

Left Out: 20.673 $\pm$ 0.021 χ^2 /NDF: 0.0/0

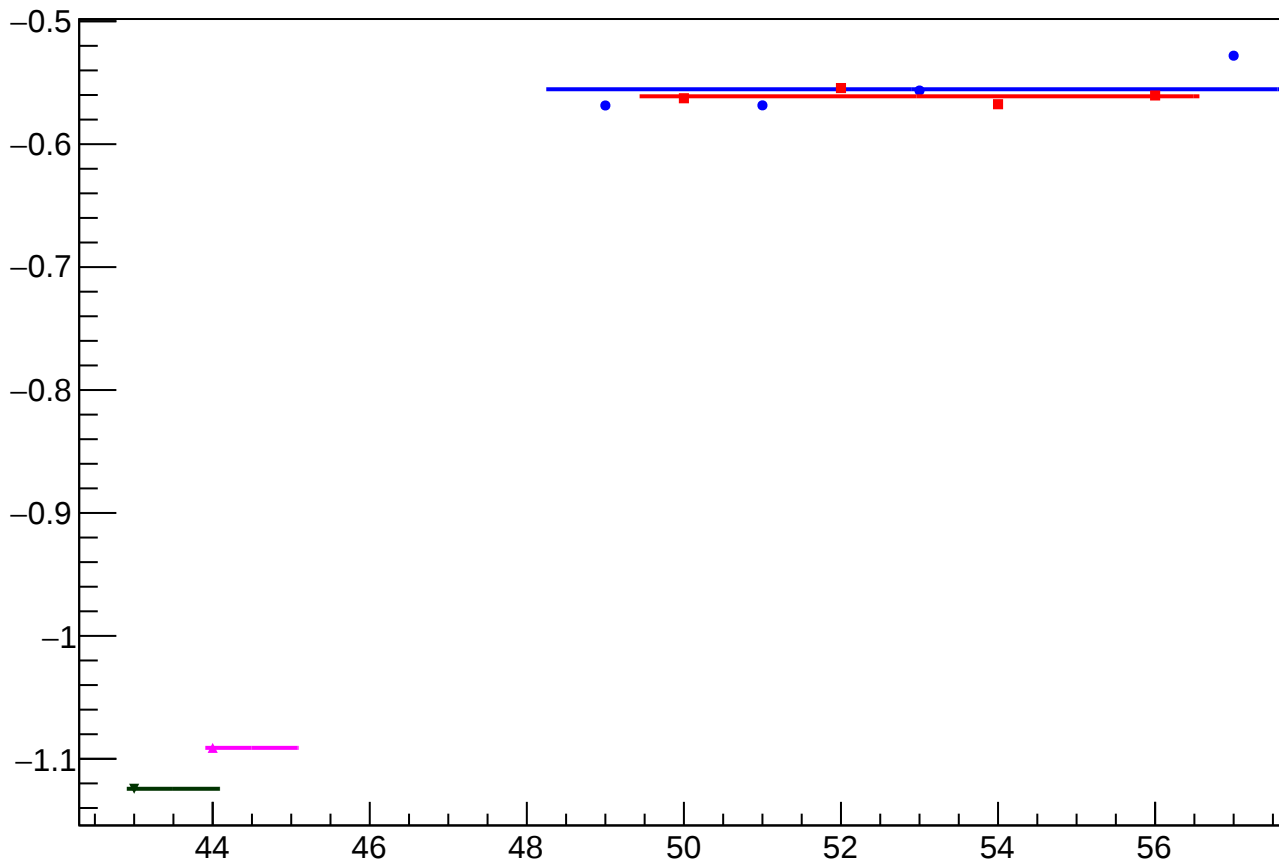
Right Out: 20.846 $\pm$ 0.010 χ^2 /NDF: 364.4/3

Left In: 20.453 $\pm$ 0.020 χ^2 /NDF: 0.0/0

20.687 $\pm$ 0.009 χ^2 /NDF: 890.3/4

20.766 $\pm$ 0.009 χ^2 /NDF: 665.7/4

yield_bpm0l01X_mean vs slug



Right In: -0.555 ± 0.000 χ^2/NDF : 4589958.7/3

Left Out: -1.124 ± 0.000 χ^2/NDF : 0.0/0

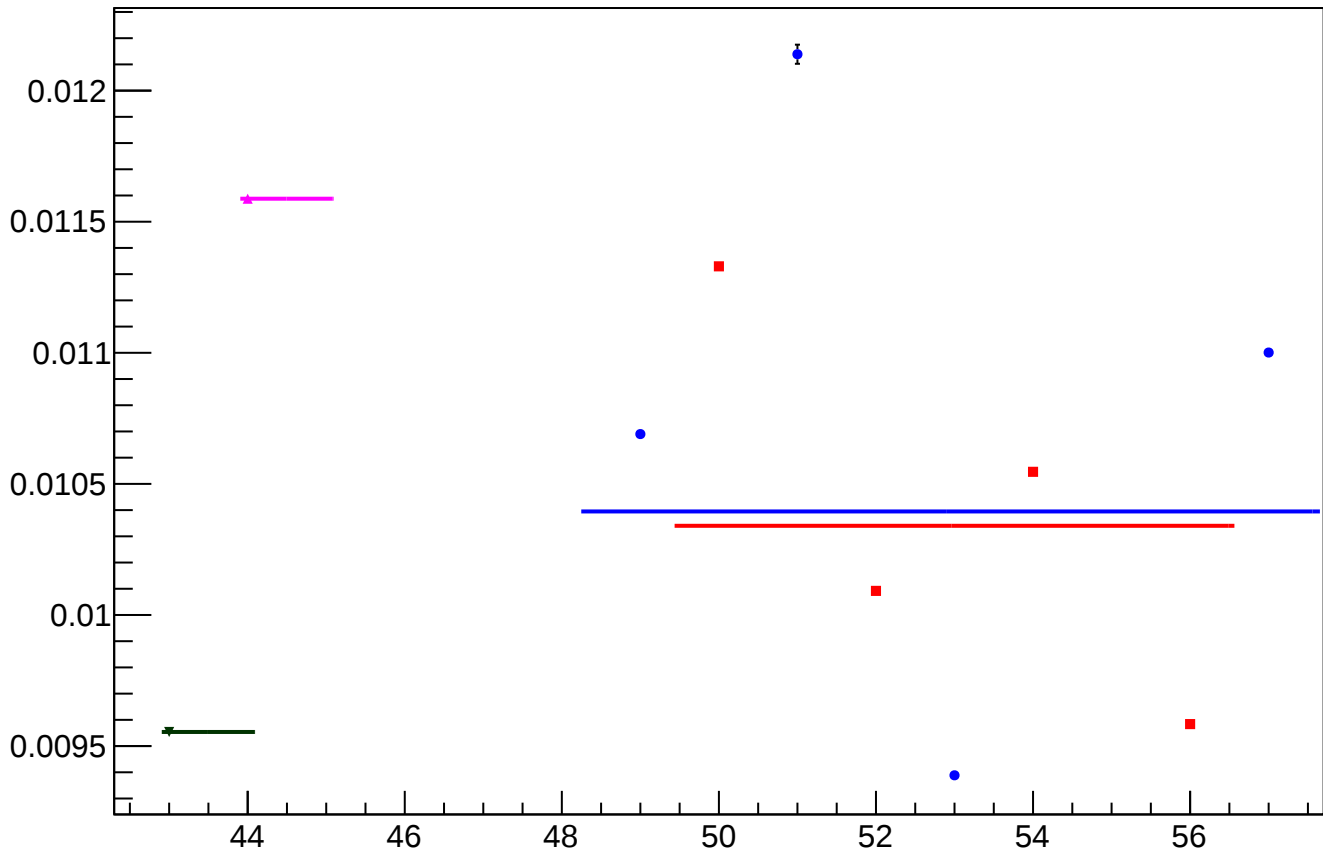
Right Out: -0.561 ± 0.000 χ^2/NDF : 442549.1/3

Left In: -1.091 ± 0.000 χ^2/NDF : 0.0/0

-0.680 ± 0.000 χ^2/NDF : 1281915686.5/4

-0.649 ± 0.000 χ^2/NDF : 887354379.6/4

yield_bpm0l01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 17927.7/3

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

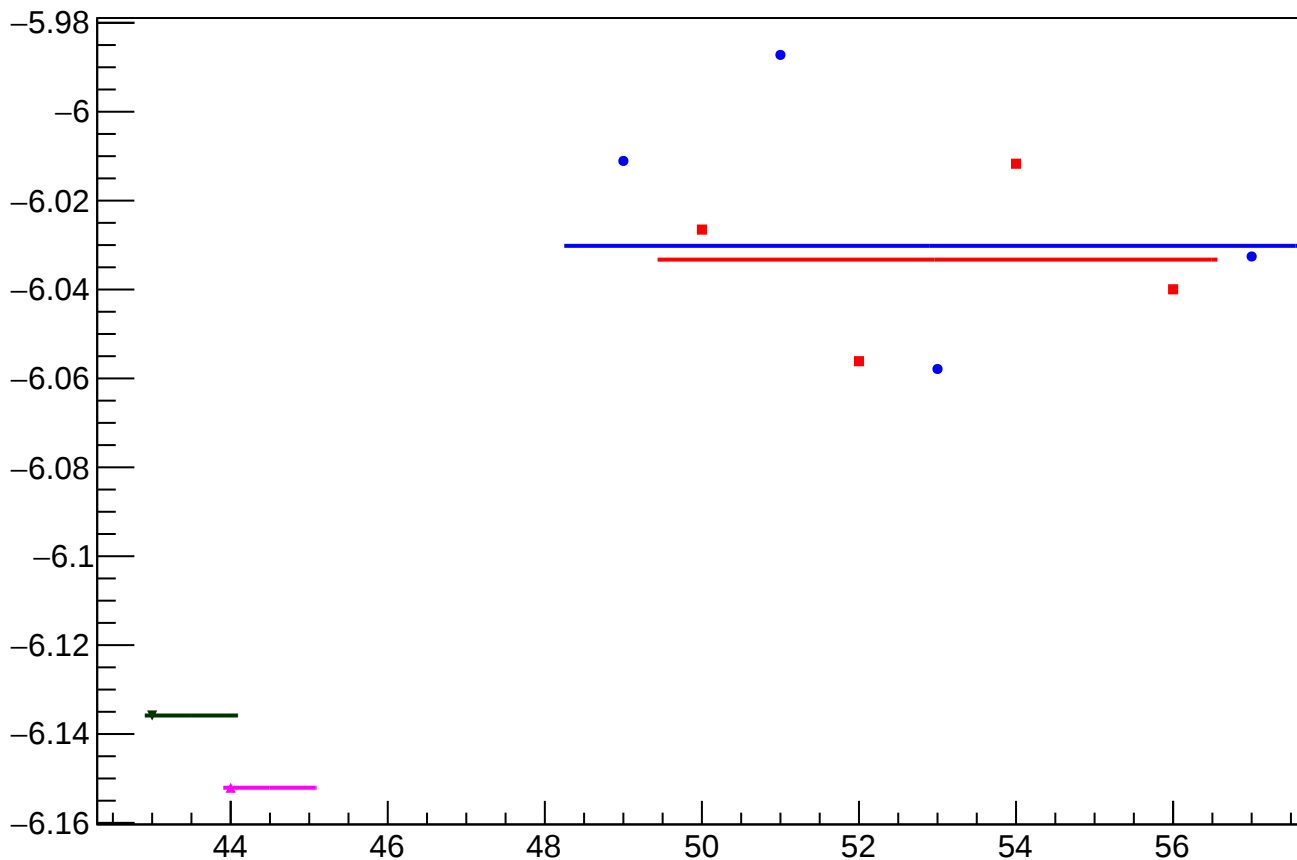
Right Out: 0.010+/-0.000 χ^2/NDF : 14857.8/3

Left In: 0.012+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 23509.1/4

0.011+/-0.000 χ^2/NDF : 24685.6/4

yield_bpm0l01Y_mean vs slug



Right In: -6.030+/-0.000 χ^2/NDF : 8627210.7/3

Left Out: -6.136+/-0.000 χ^2/NDF : 0.0/0

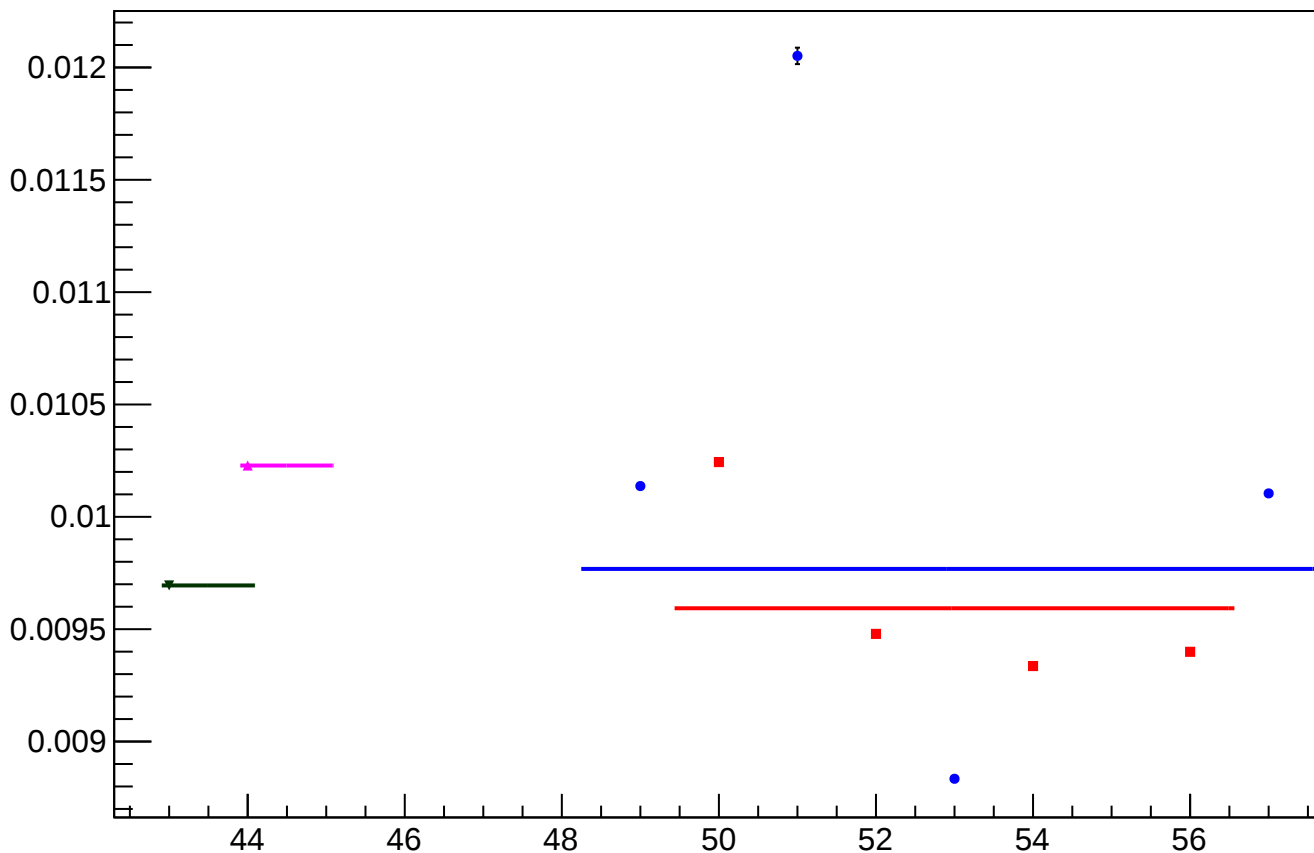
Right Out: -6.033+/-0.000 χ^2/NDF : 6217311.5/3

Left In: -6.152+/-0.000 χ^2/NDF : 0.0/0

-6.051+/-0.000 χ^2/NDF : 52437251.9/4

-6.055+/-0.000 χ^2/NDF : 61582325.7/4

yield_bpm0l01Y_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 18139.7/3

Left Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

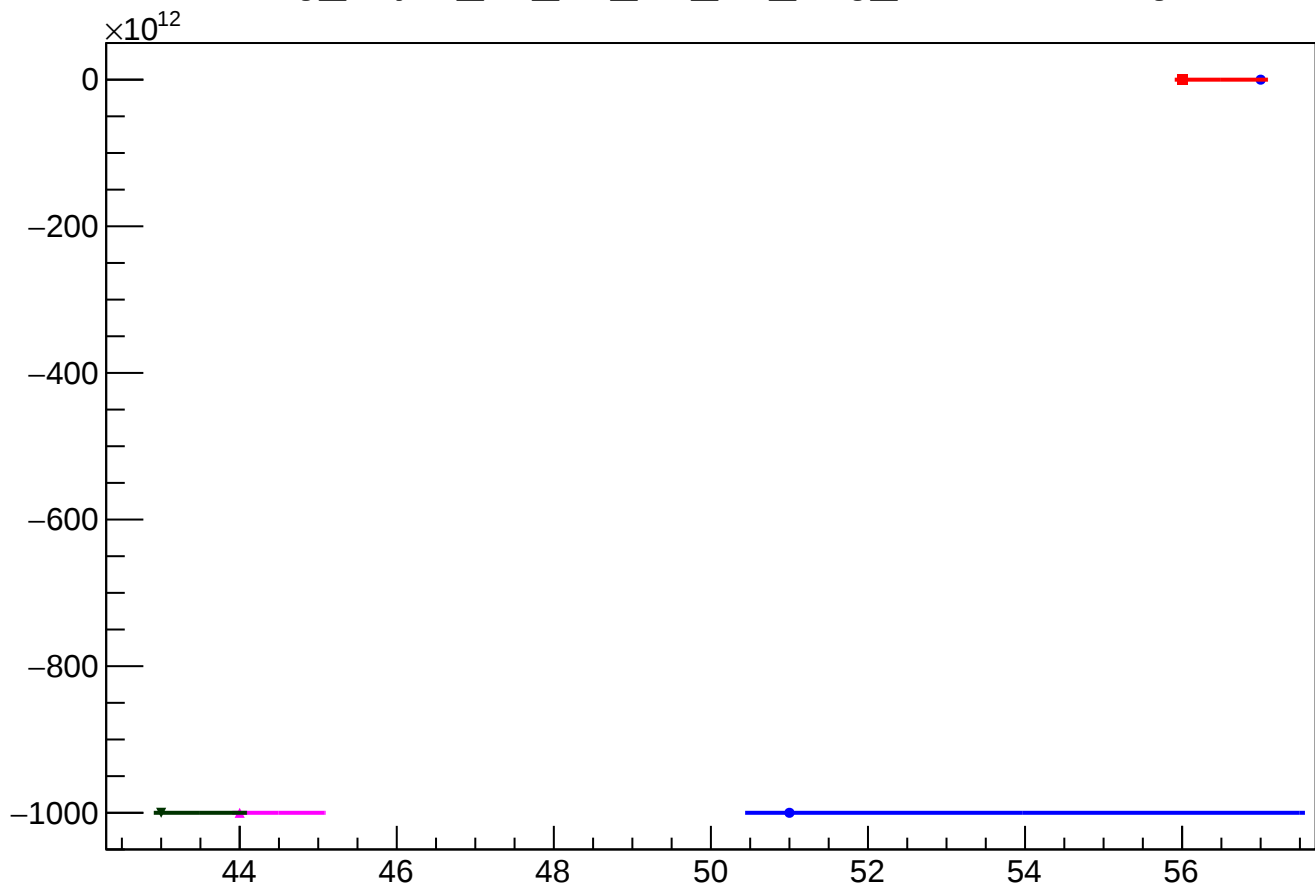
Right Out: 0.010+/-0.000 χ^2/NDF : 5504.6/3

Left In: 0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 18182.1/4

0.010+/-0.000 χ^2/NDF : 8670.1/4

reg_asym_atl_dd_atr_dd_avg_mean vs slug



Right In: -999999997344441.375+/-0.062 χ^2/NDF : 679823032439115347918848.0/1

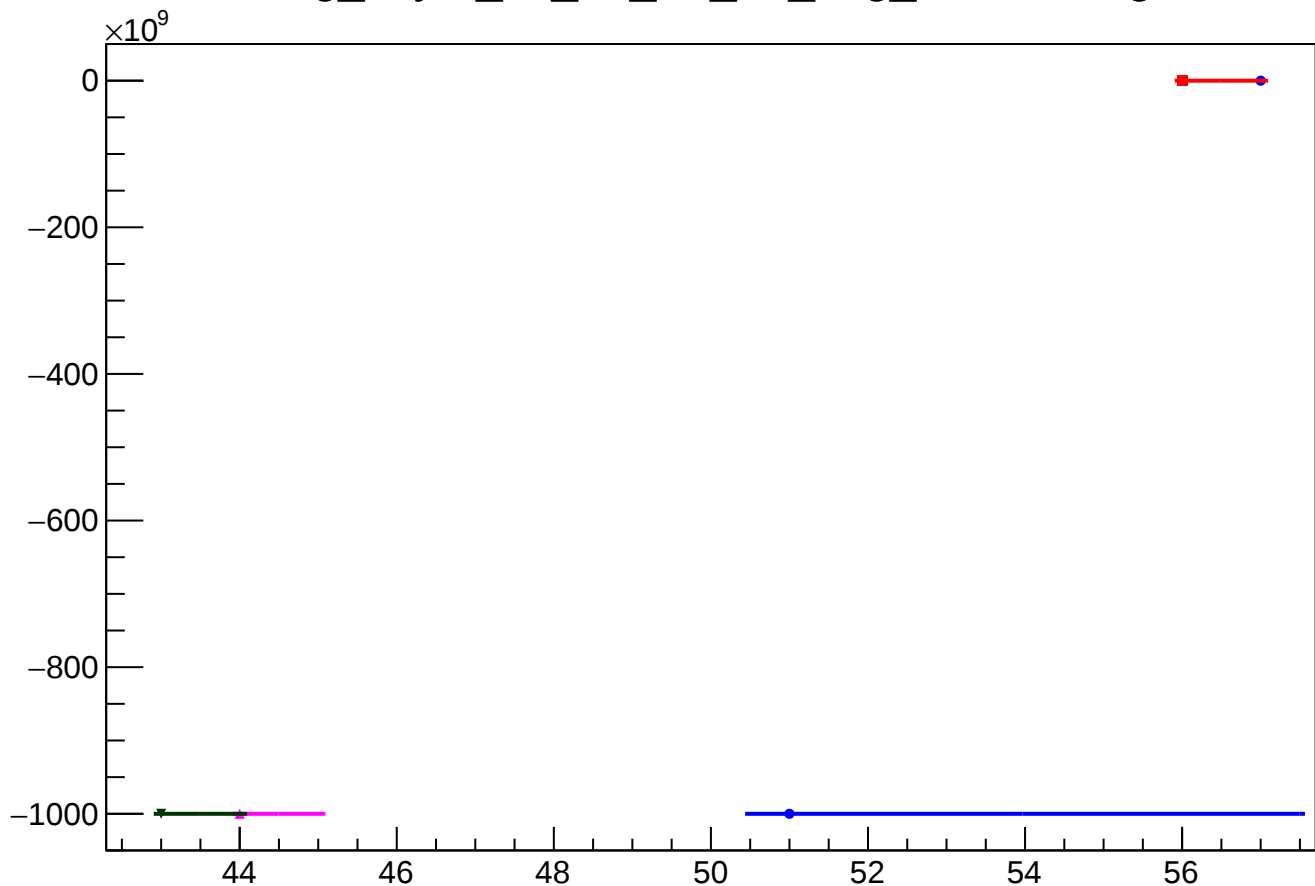
Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0

Right Out: -75.920+/-1450.832 χ^2/NDF : 0.0/0

-999999990684726.500+/-0.140 χ^2/NDF : 4750

Left In: -10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_avg_rms vs slug



Right In: -999999994934.923+/-0.000 χ^2/NDF : 1359646063981508901732352.0/1

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

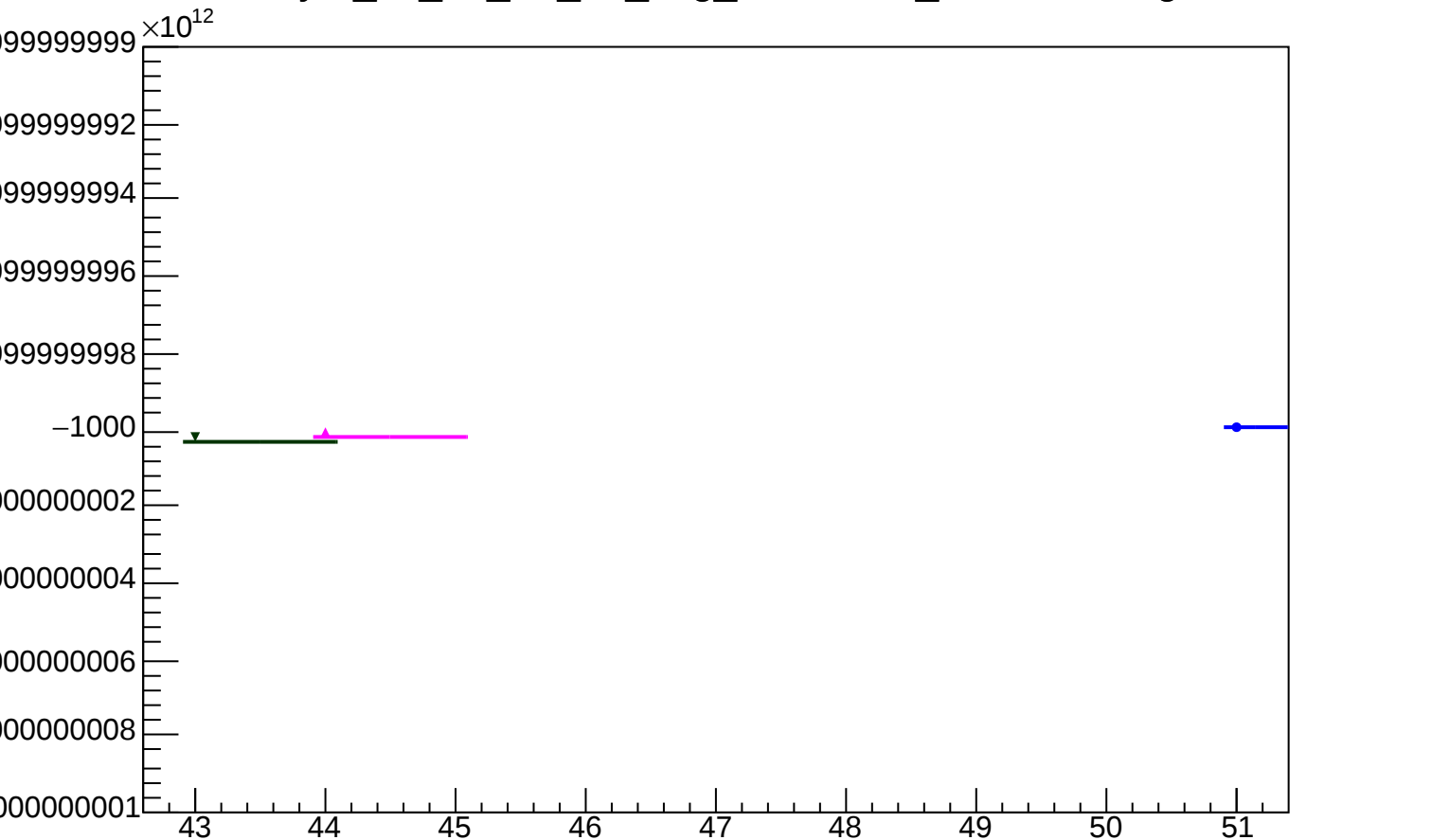
Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-999999999602.739+/-0.000 χ^2/NDF : 1359646

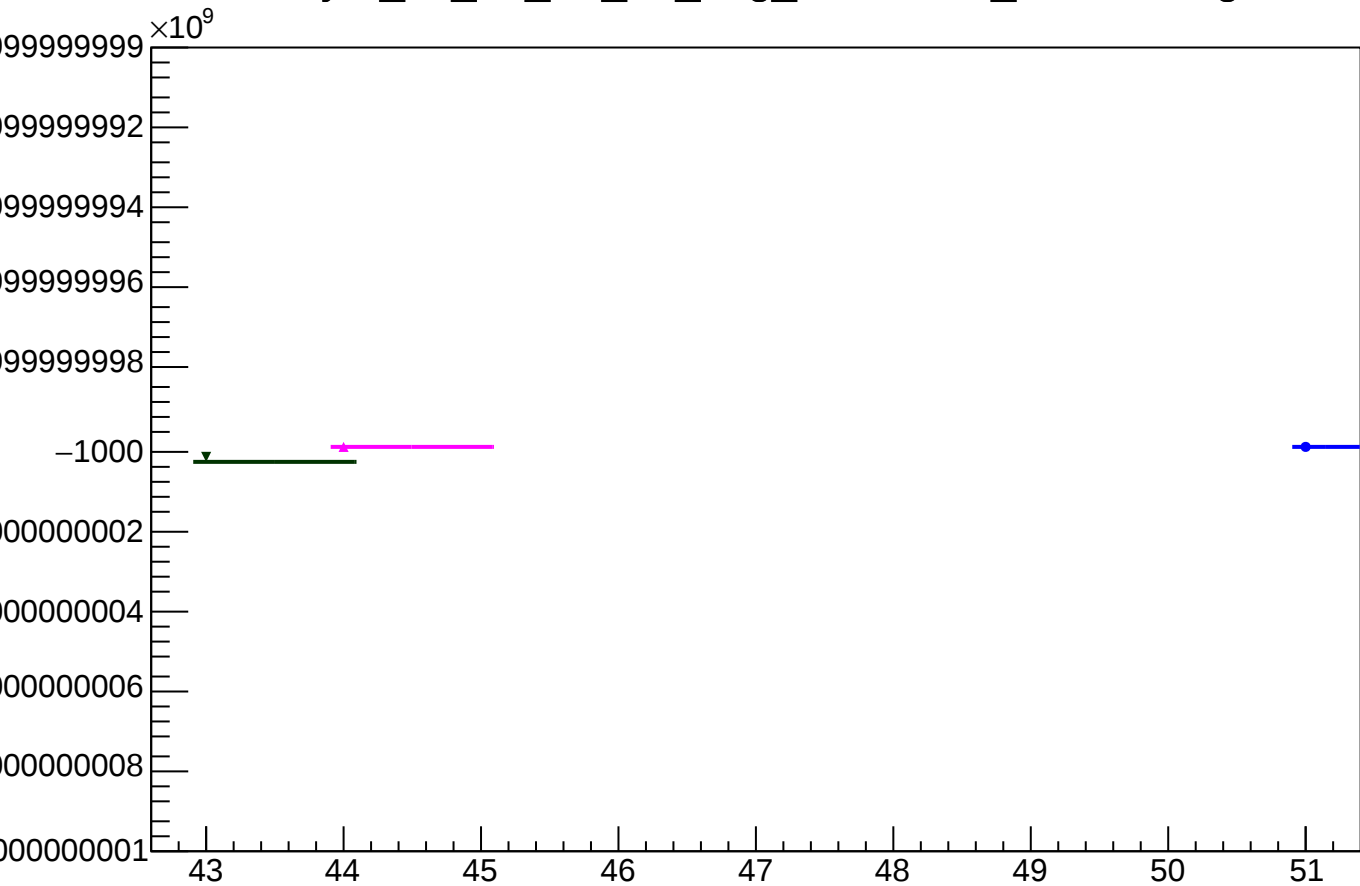
-999999999716.831+/-0.000 χ^2/NDF : 9501578

asym_atl_dd_atr_dd_avg_correction_mean vs slug



Right In: $-9999999999999999.875 \pm 0.062$ $\chi^2/\text{NDF}: 0.0/0$
 Left Out: $-10000000000000000.250 \pm 0.018$ $\chi^2/\text{NDF}: 47.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: $-10000000000000000.125 \pm 0.140$ $\chi^2/\text{NDF}: 0.8/0$

asym_atl_dd_atr_dd_avg_correction_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

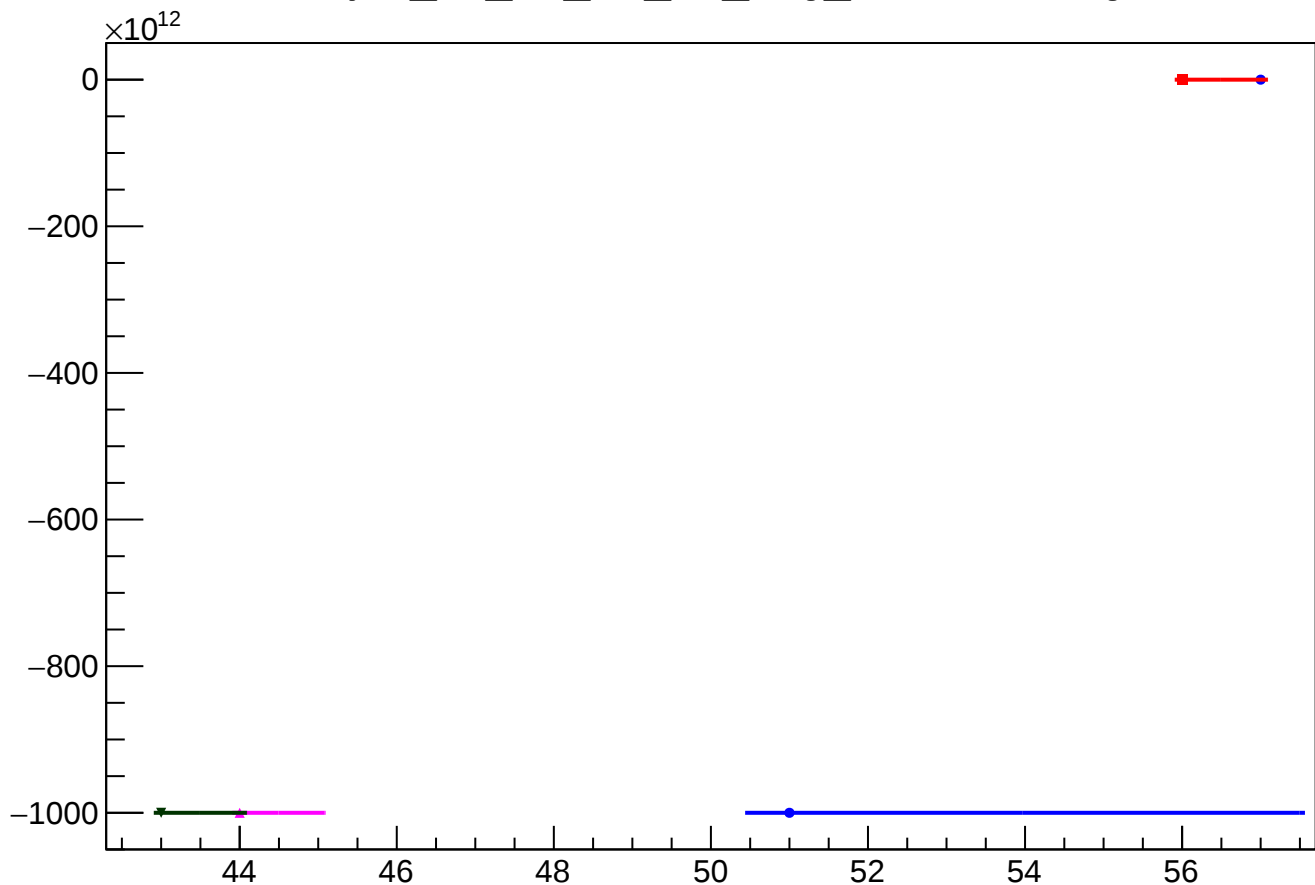
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs slug



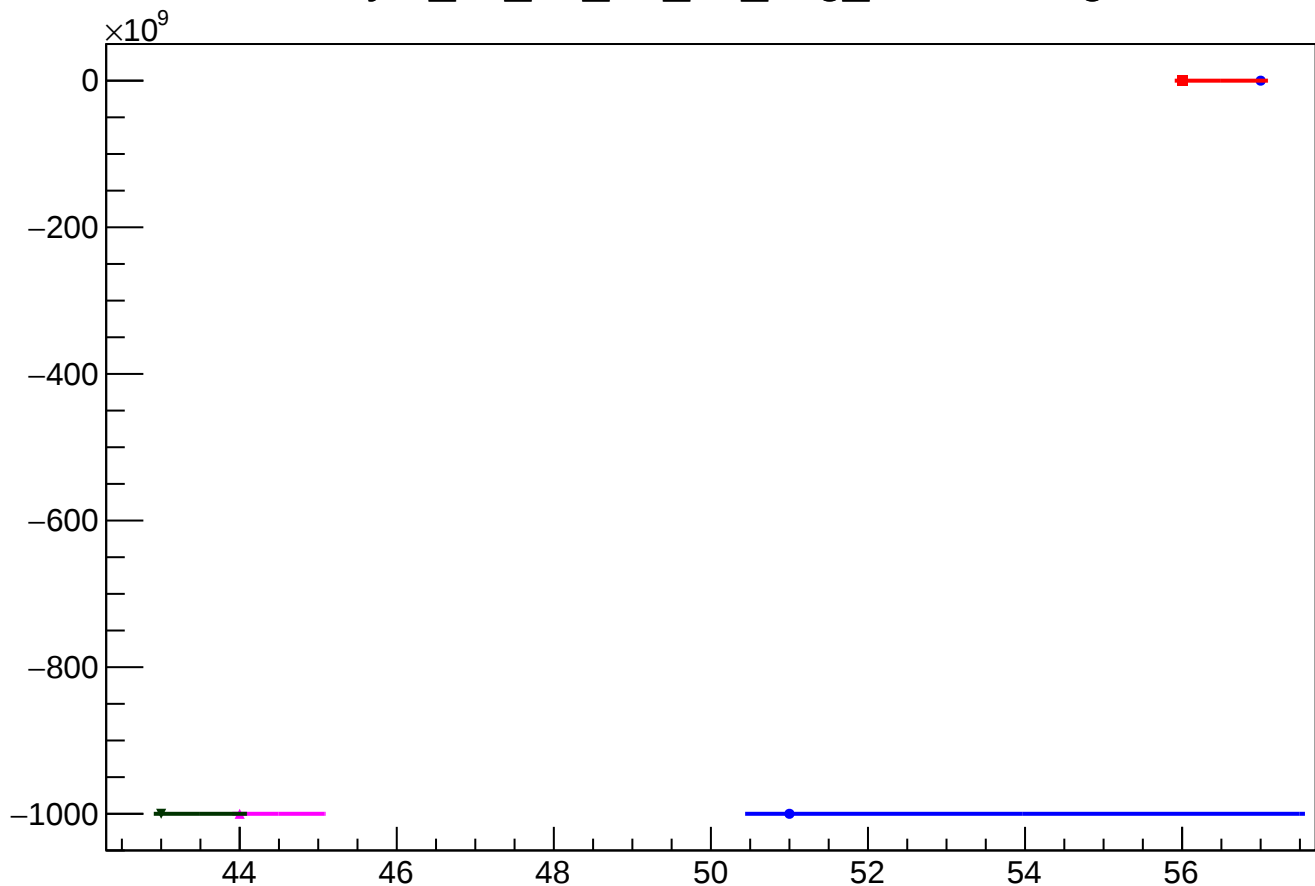
Right In: -999999997344441.375 $\pm$ 0.062 χ^2 /NDF: 679823032439115347918848.0/1

Left Out: -1000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0

Right Out: -75.920 $\pm$ 1450.832 χ^2 /NDF: 0.0/0

Left In: -1000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

asym_atl_dd_atr_dd_avg_rms vs slug



Right In: -999999994934.923+/-0.000 χ^2/NDF : 1359646063981508901732352.0/1

Left Out: -1000000000000.000+/-0.000 χ^2/NDF :47.0/0

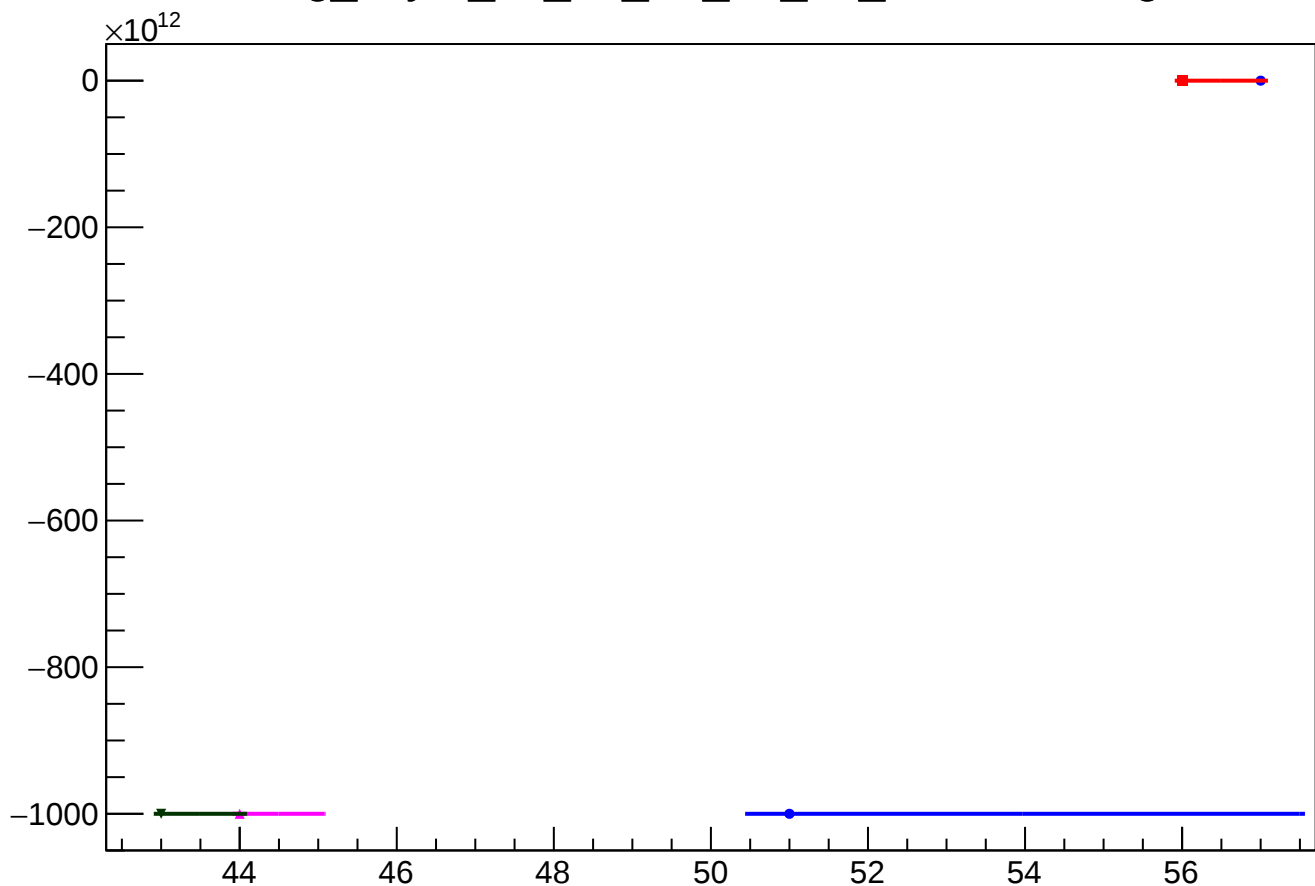
Right Out: 1001.709+/-1.026 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF :0.0/0

-999999999602.739+/-0.000 χ^2/NDF : 1359646

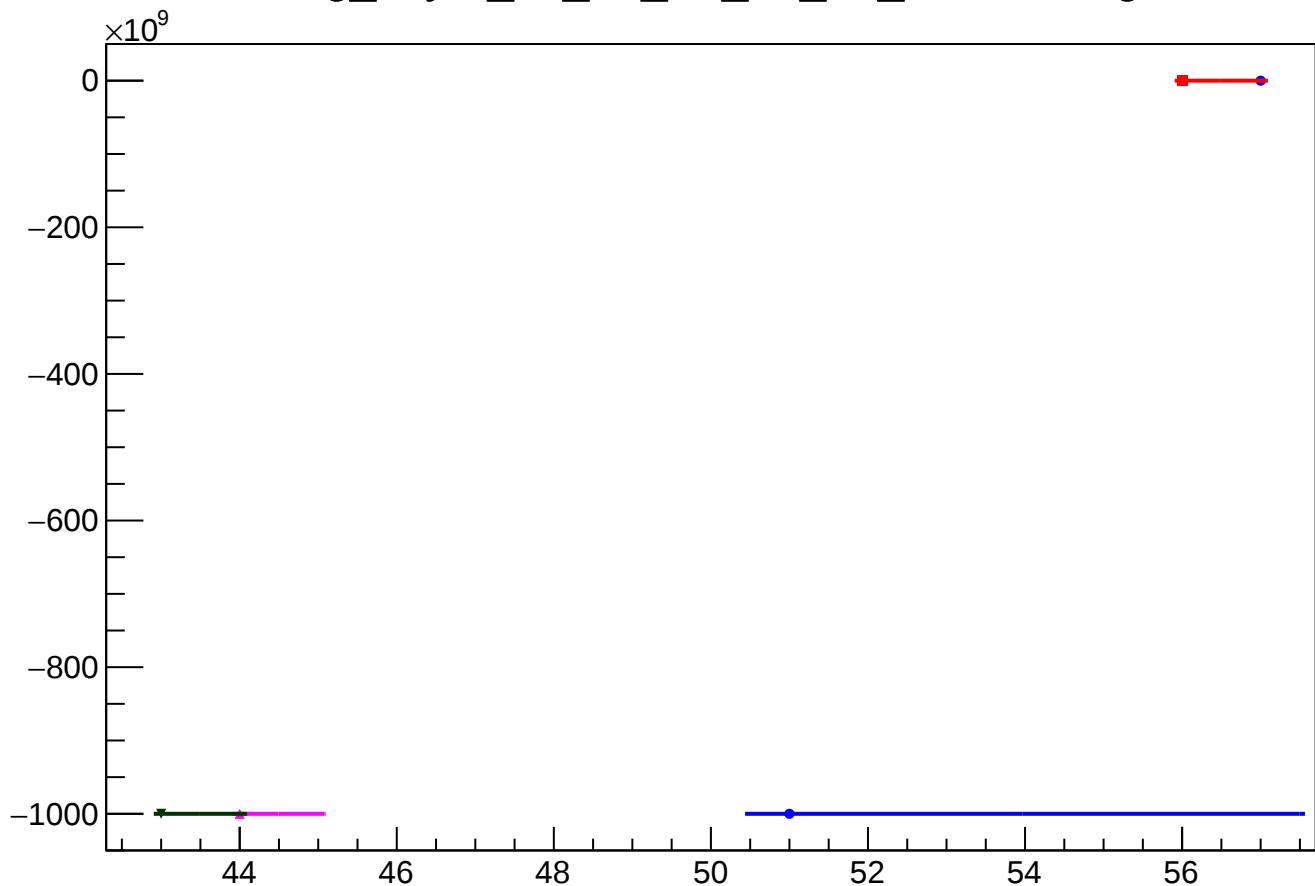
-999999999716.831+/-0.000 χ^2/NDF : 9501578

reg_asym_atl_dd_atr_dd_dd_mean vs slug



Right In: -999999997652001.625+/-0.062 χ^2/NDF : 601087606251088779411456.0/1
 Left Out: -10000000000000000.250+/-0.018 χ^2/NDF : 47.0/0
 Right Out: 1378.277+/-1463.134 χ^2/NDF : 0.0/0
 Left In: -10000000000000000.125+/-0.140 χ^2/NDF : 0.8/0

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: -999999995521.548+/-0.000 χ^2/NDF : 1202175212179009187086336.0/1

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

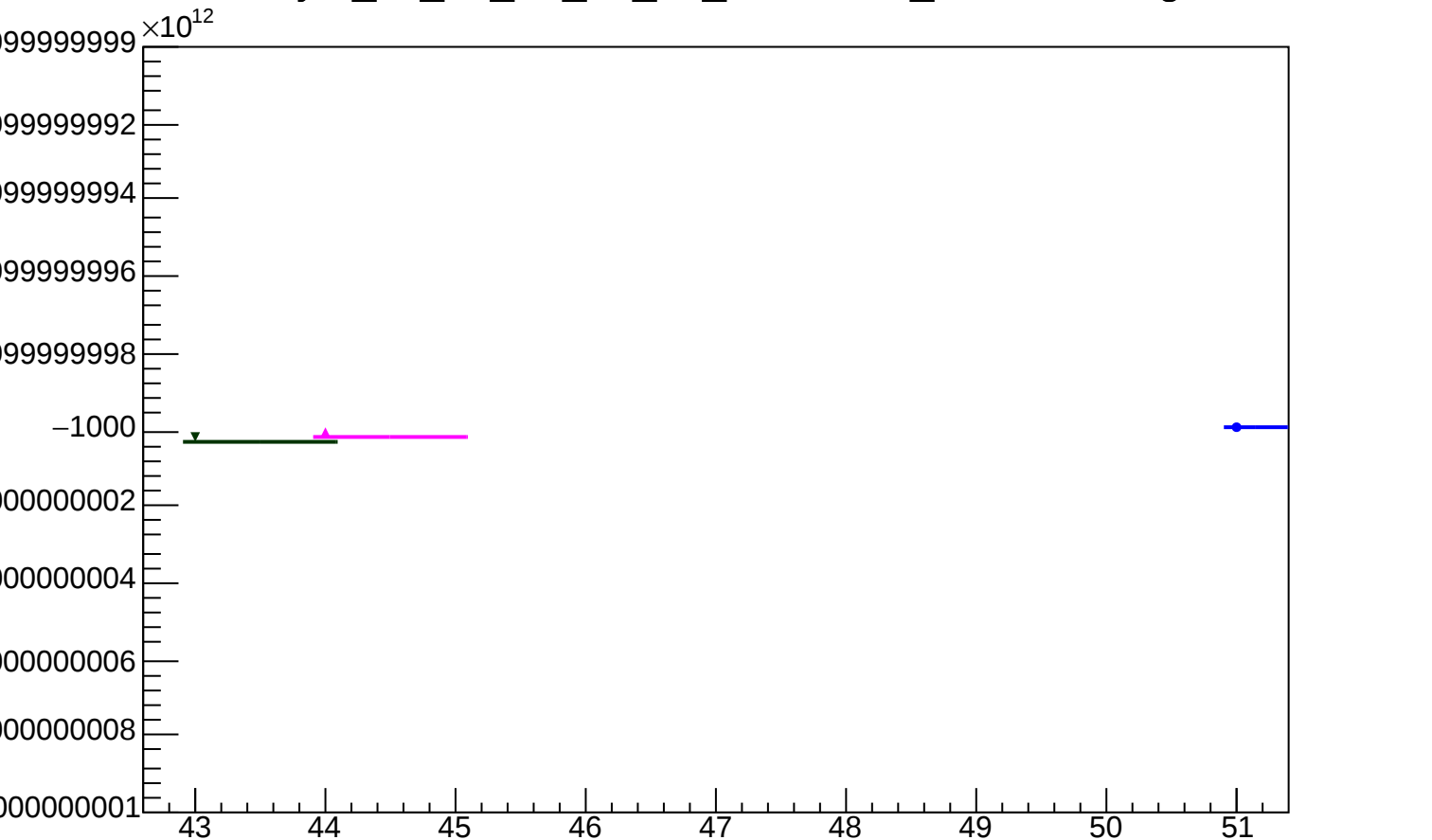
-999999999648.749+/-0.000 χ^2/NDF : 1202175

Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

-999999999721.573+/-0.000 χ^2/NDF : 9342465

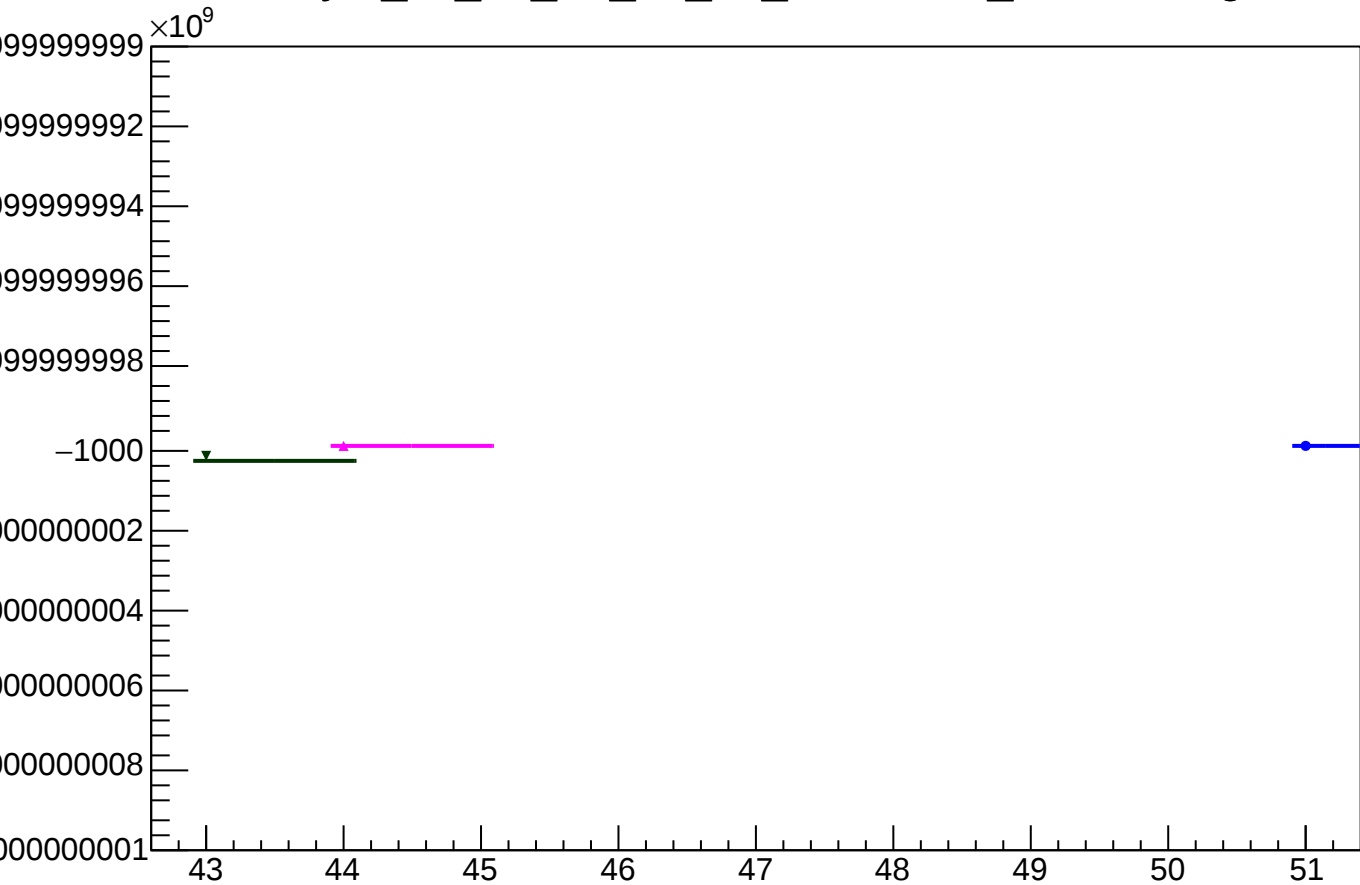
Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_mean vs slug



Right In: $-9999999999999999.875 \pm 0.062$ $\chi^2/\text{NDF}: 0.0/0$
 Left Out: $-10000000000000000.250 \pm 0.018$ $\chi^2/\text{NDF}: 47.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: $-10000000000000000.125 \pm 0.140$ $\chi^2/\text{NDF}: 0.8/0$

asym_atl_dd_atr_dd_dd_correction_rms vs slug



Right In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

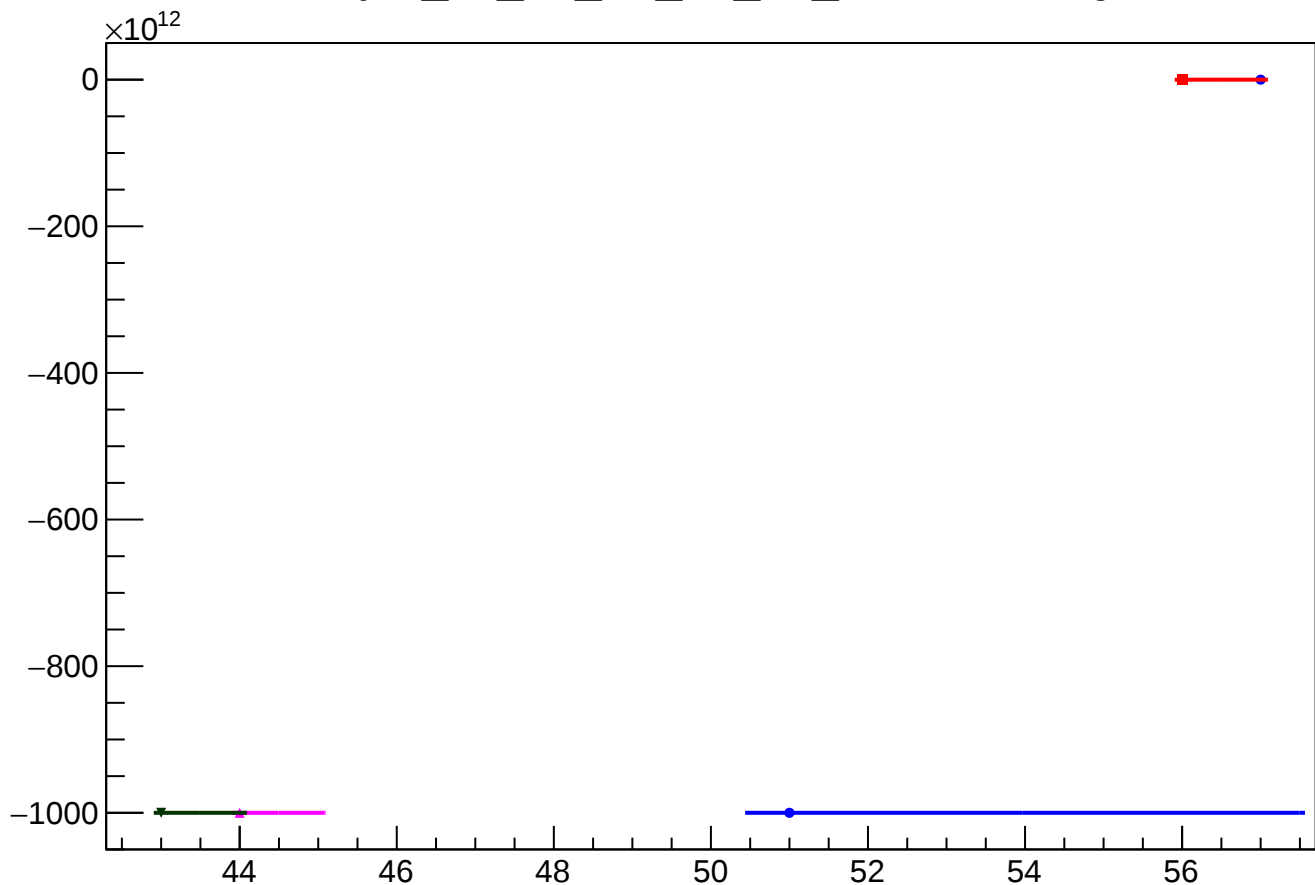
-1000000000000.000+/-0.000 χ^2/NDF : 51.0/1

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

-1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

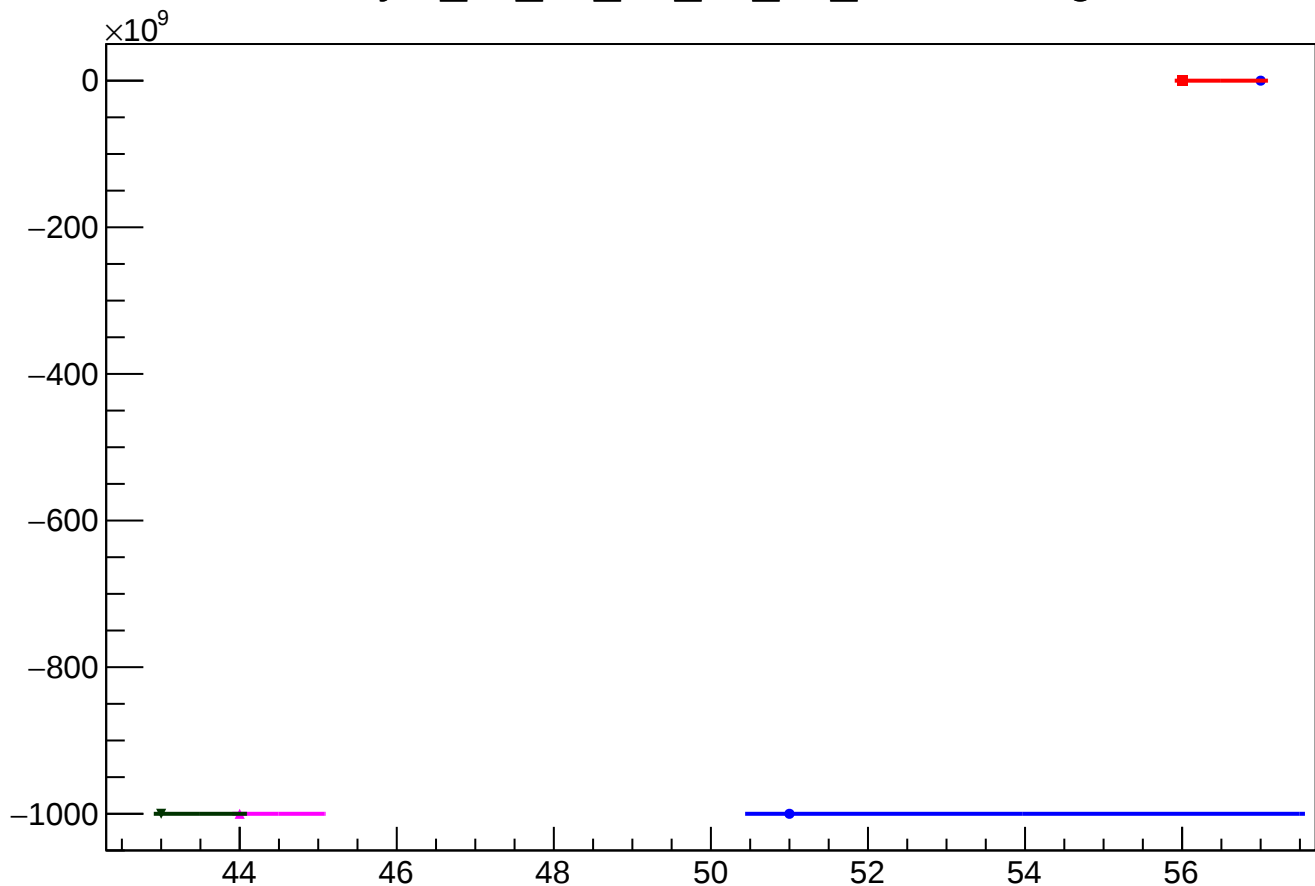
Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs slug



Right In: -999999997652001.625 $\pm$ 0.062 χ^2 /NDF: 601087606251088779411456.0/1
 Left Out: -1000000000000000.250 $\pm$ 0.018 χ^2 /NDF: 47.0/0
 Right Out: 1378.277 $\pm$ 1463.134 χ^2 /NDF: 0.0/0
 Left In: -1000000000000000.125 $\pm$ 0.140 χ^2 /NDF: 0.8/0

asym_atl_dd_atr_dd_dd_rms vs slug



Right In: -999999995521.548+/-0.000 χ^2/NDF : 1202175212179009187086336.0/1

Left Out: -1000000000000.000+/-0.000 χ^2/NDF : 47.0/0

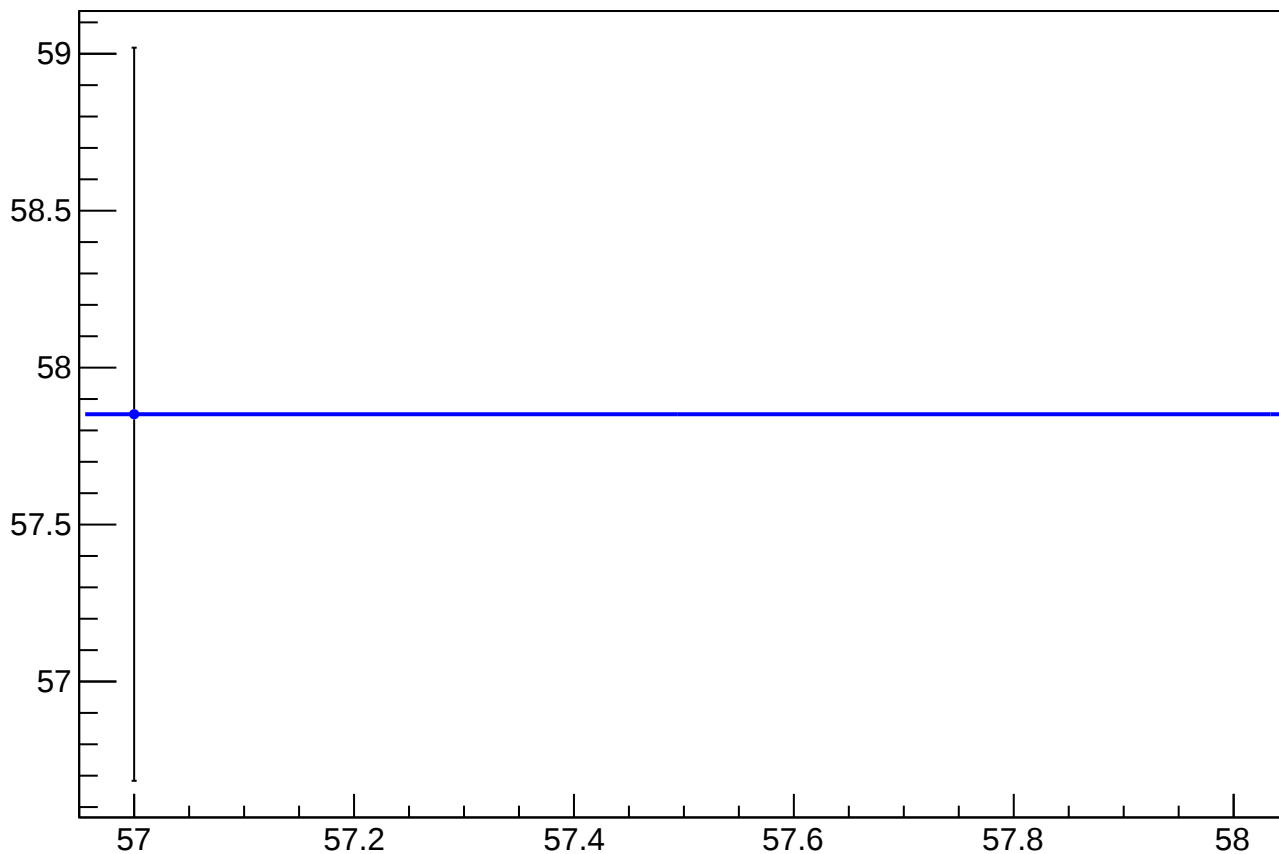
Right Out: 1010.404+/-1.035 χ^2/NDF : 0.0/0

Left In: -1000000000000.000+/-0.000 χ^2/NDF : 0.0/0

-999999999648.749+/-0.000 χ^2/NDF : 1202175

-999999999721.573+/-0.000 χ^2/NDF : 9342465

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs slug



Right In: 57.852 $\pm$ 1.168 χ^2 /NDF: 0.0/0

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

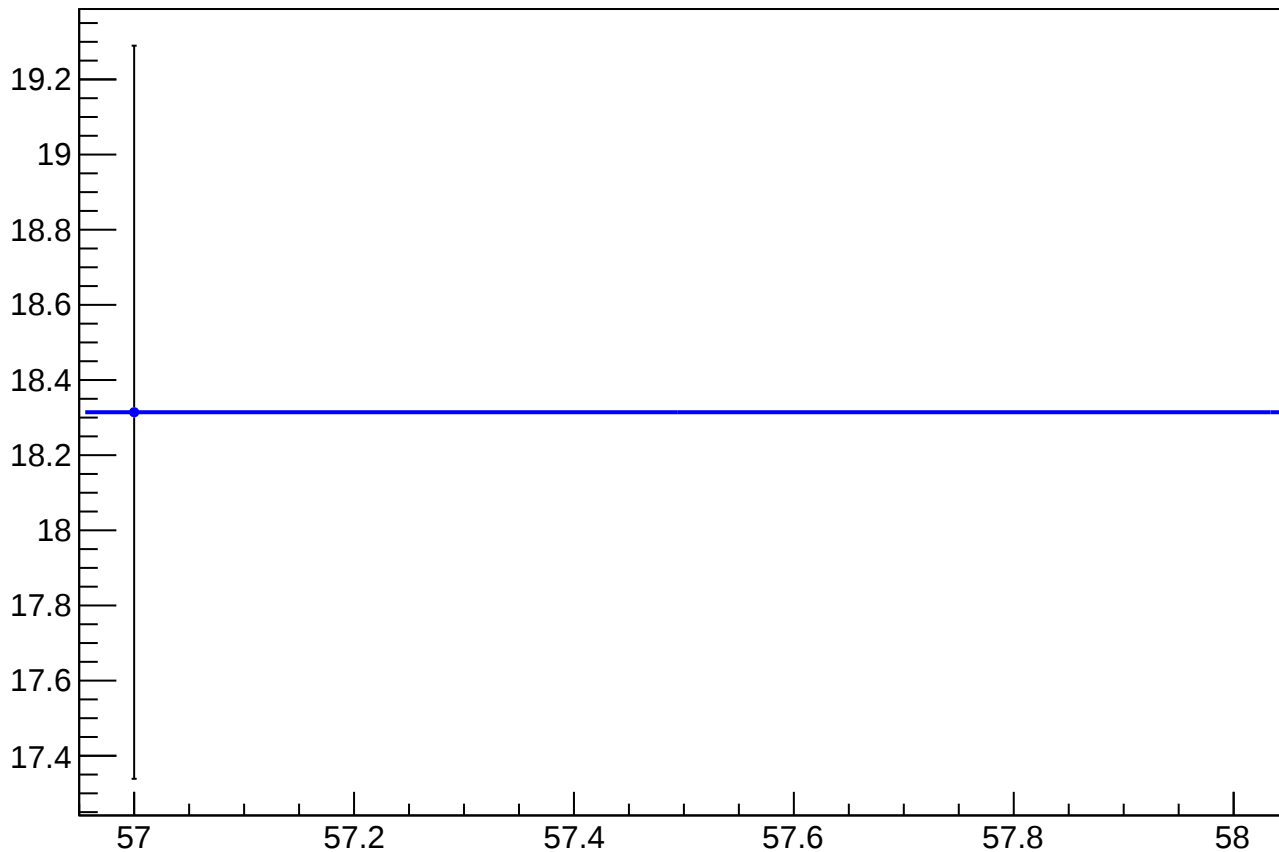
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

57.852 $\pm$ 1.168 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: 18.314 $\pm$ 0.976 χ^2 /NDF: 0.0/0

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

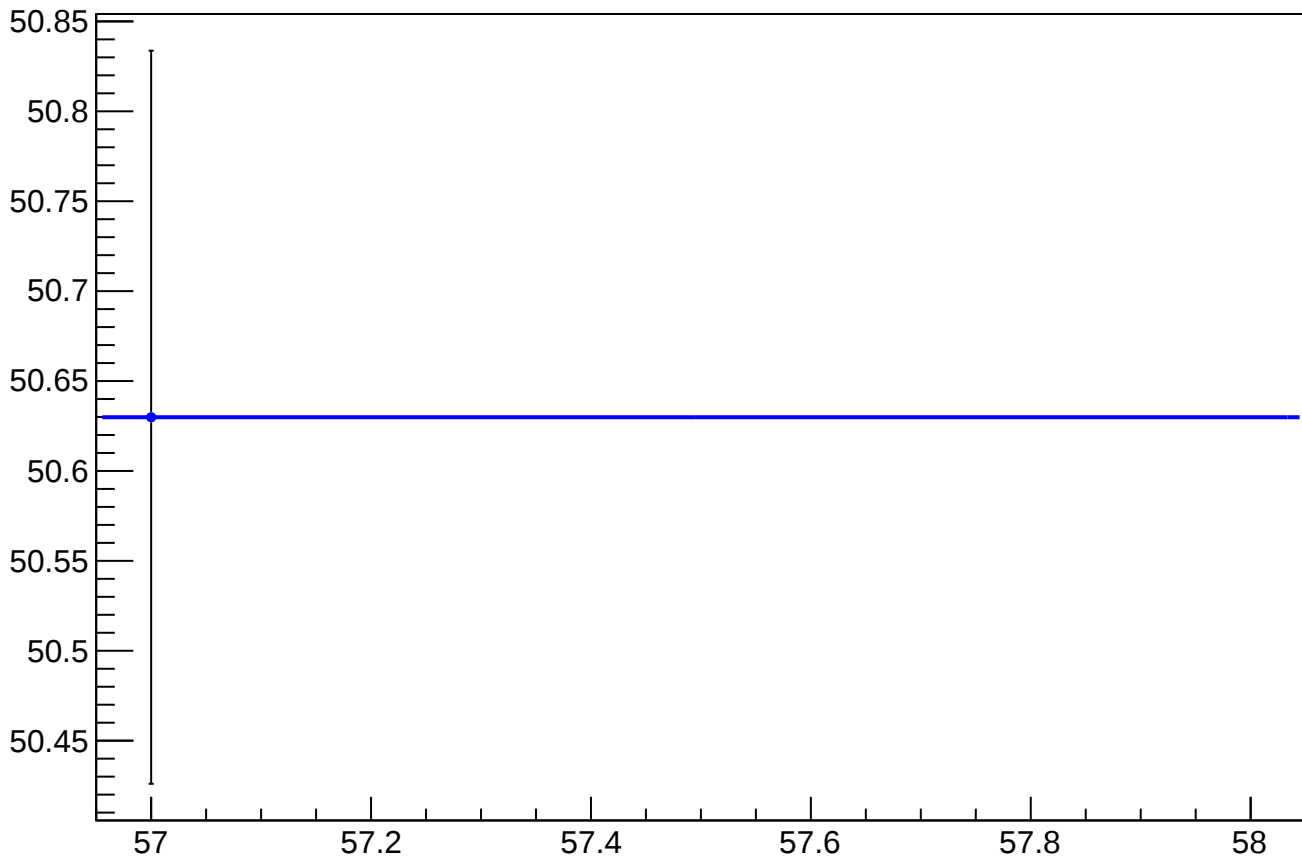
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

18.314 $\pm$ 0.976 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: 50.630+/-0.204 χ^2/NDF : 0.0/0

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

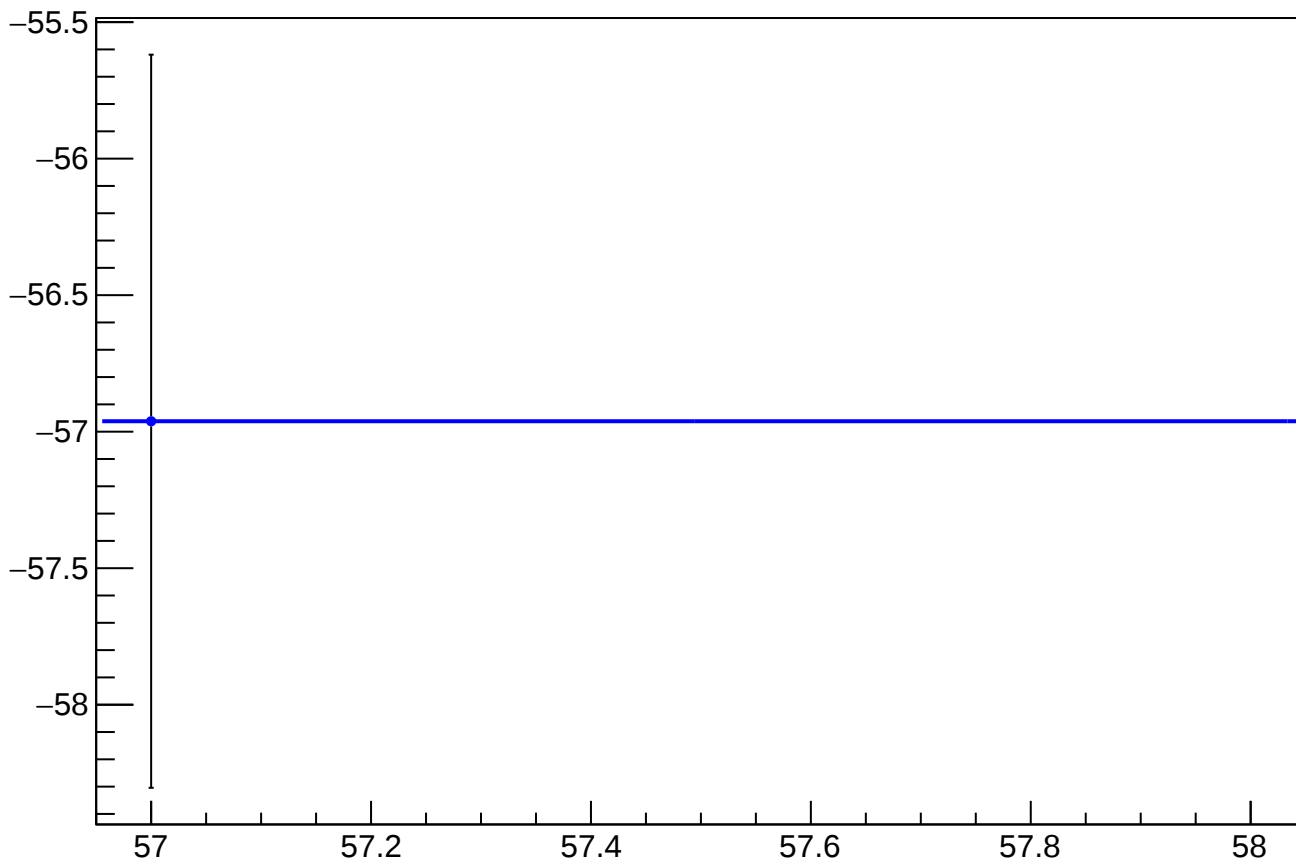
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

50.630+/-0.204 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug



Right In: -56.962 $\pm$ 1.343 χ^2 /NDF: 0.0/0

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

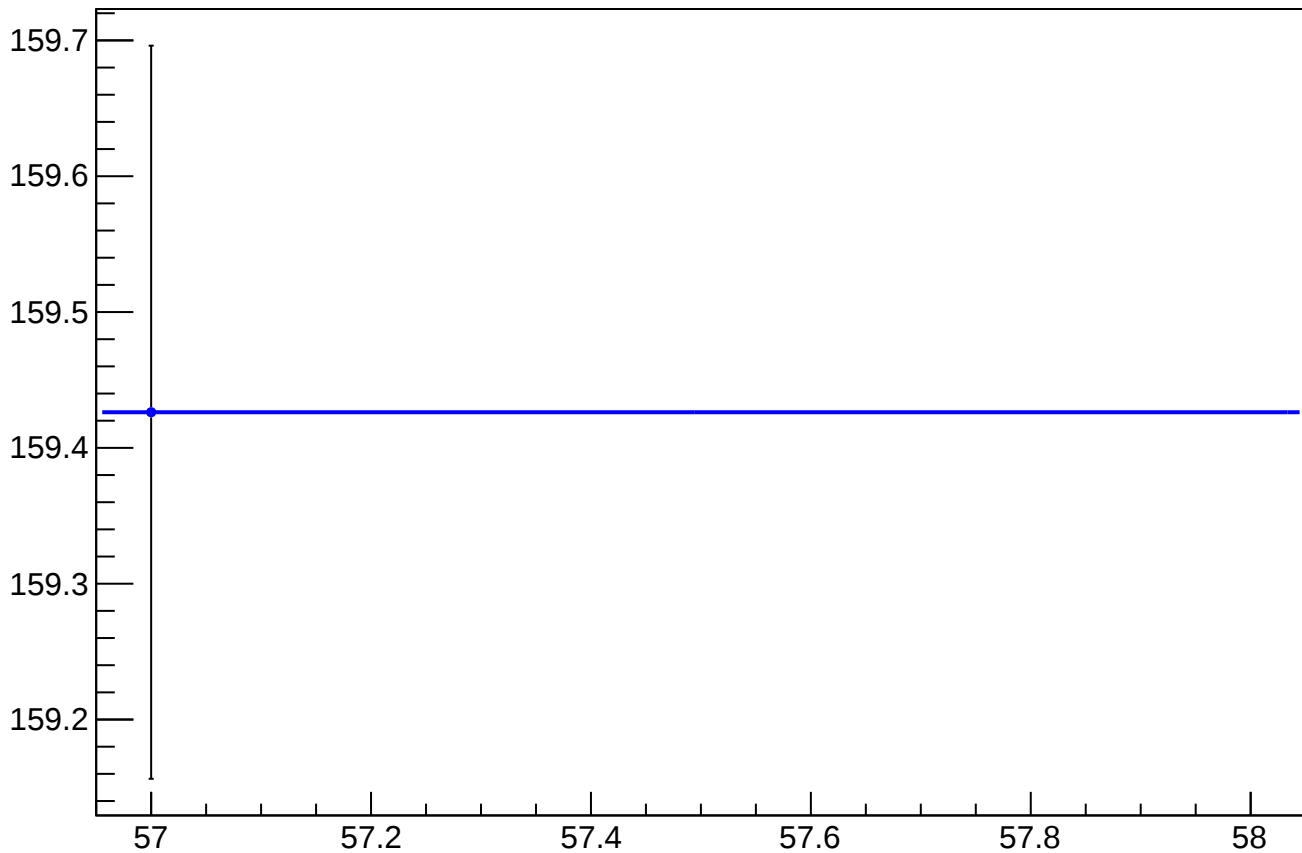
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

-56.962 $\pm$ 1.343 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: 159.426+/-0.270 χ^2/NDF : 0.0/0

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

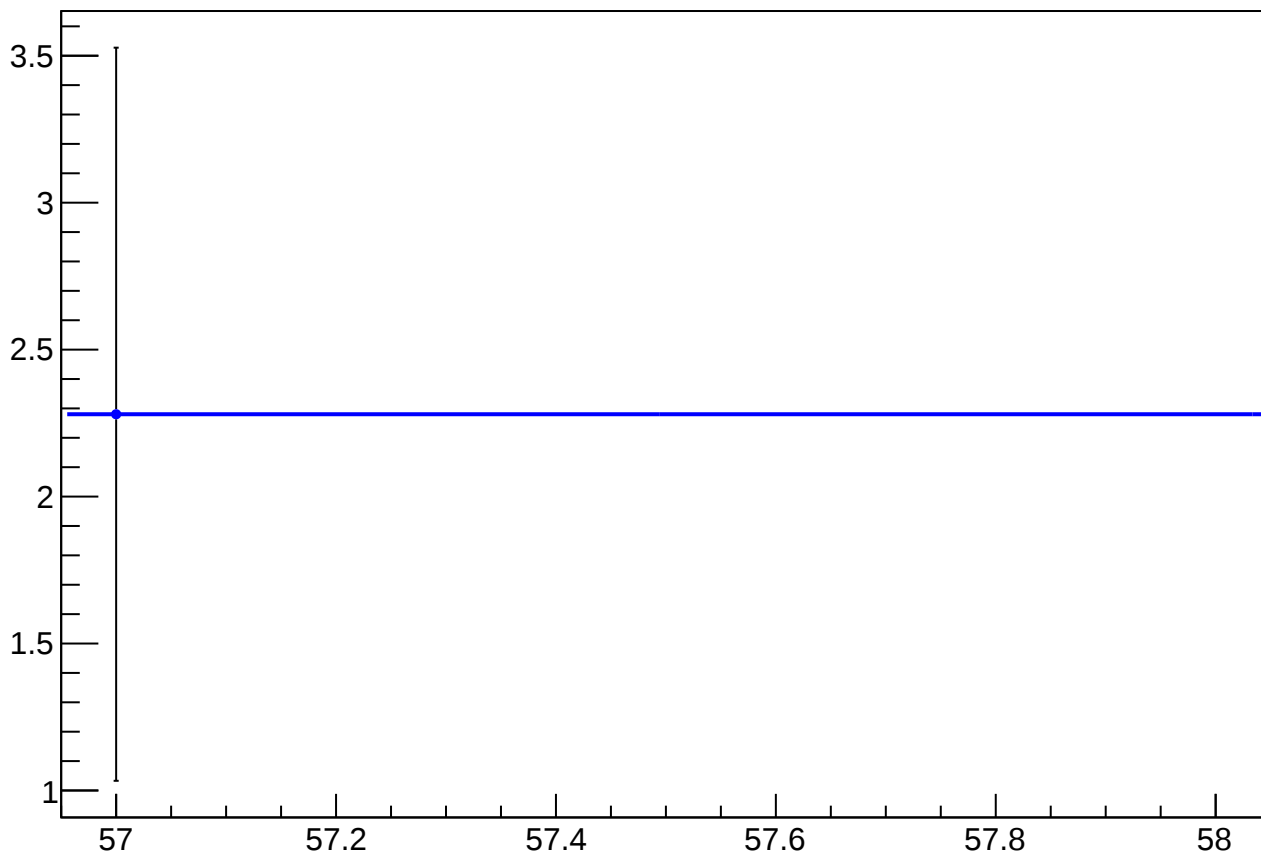
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

159.426+/-0.270 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs slug



Right In: 2.280+/-1.247 χ^2/NDF : 0.0/0

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

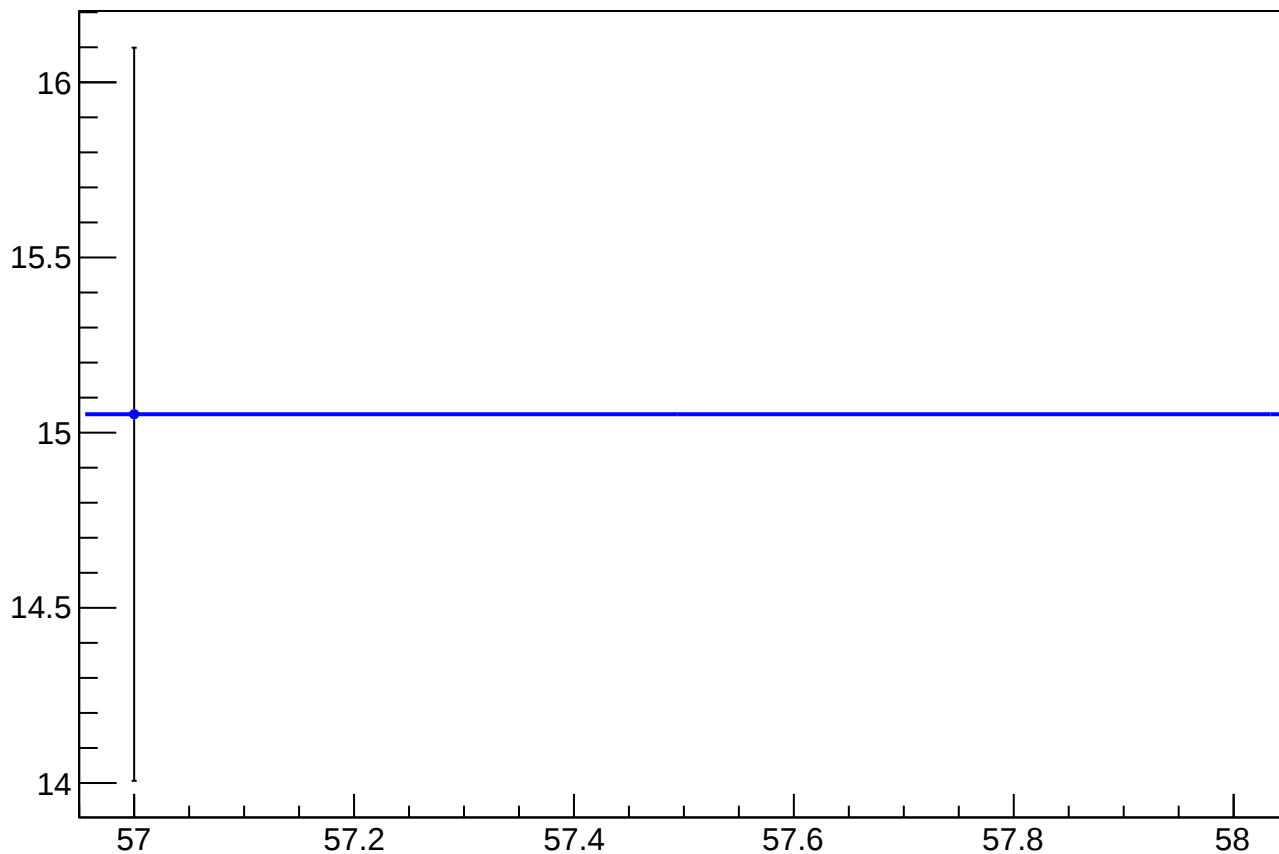
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

2.280+/-1.247 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: 15.053+/-1.046 χ^2/NDF : 0.0/0

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

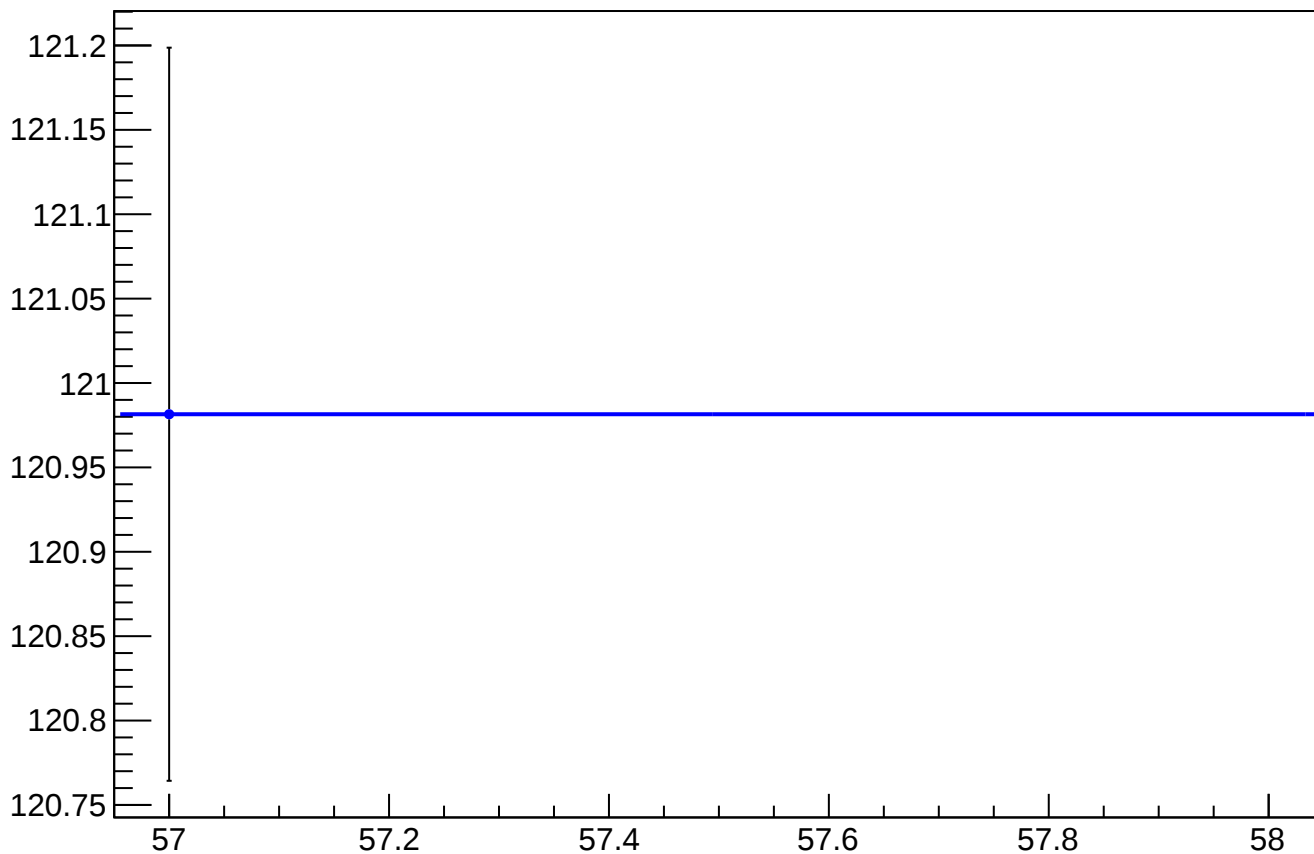
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

15.053+/-1.046 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: 120.981+/-0.217 χ^2/NDF : 0.0/0

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

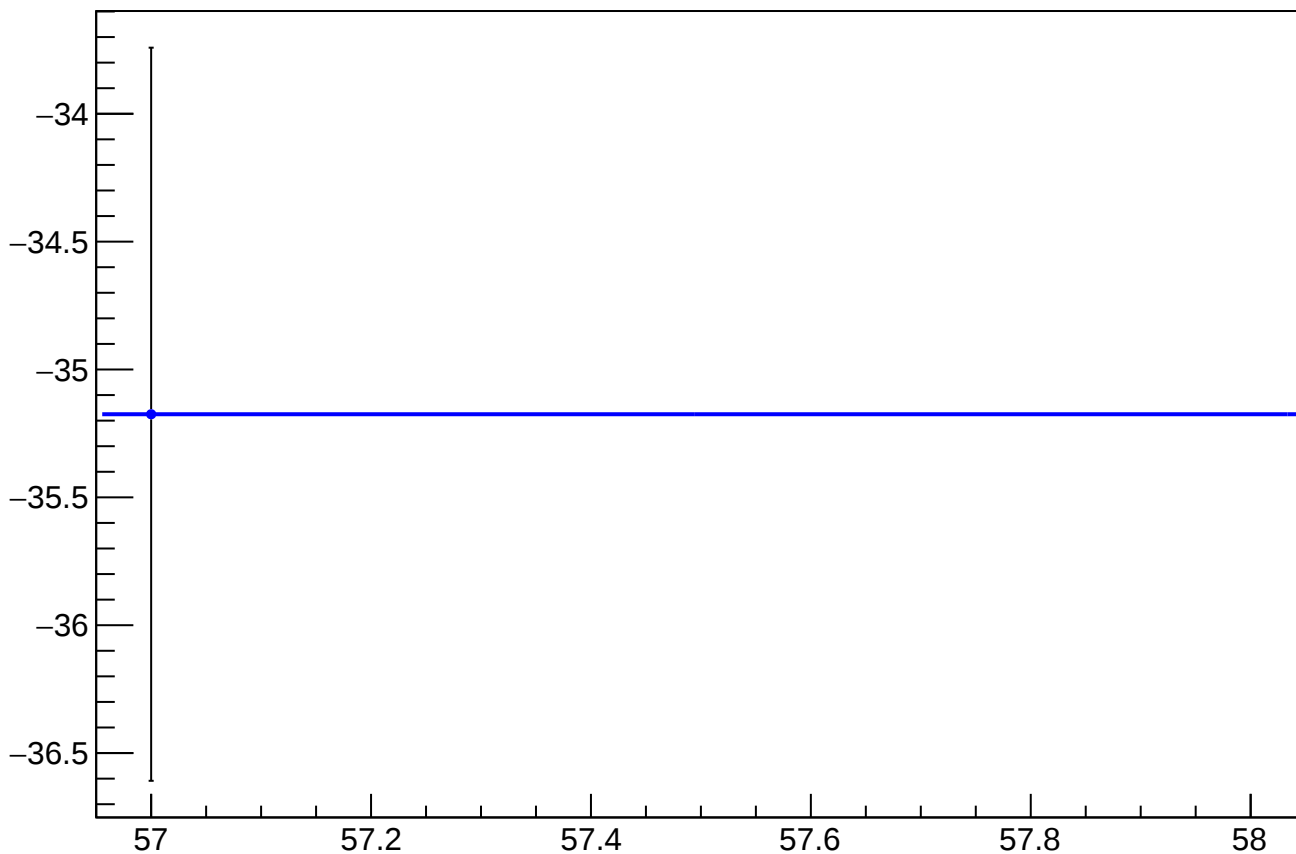
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

120.981+/-0.217 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs slug



Right In: -35.175+/-1.433 χ^2/NDF : 0.0/0

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

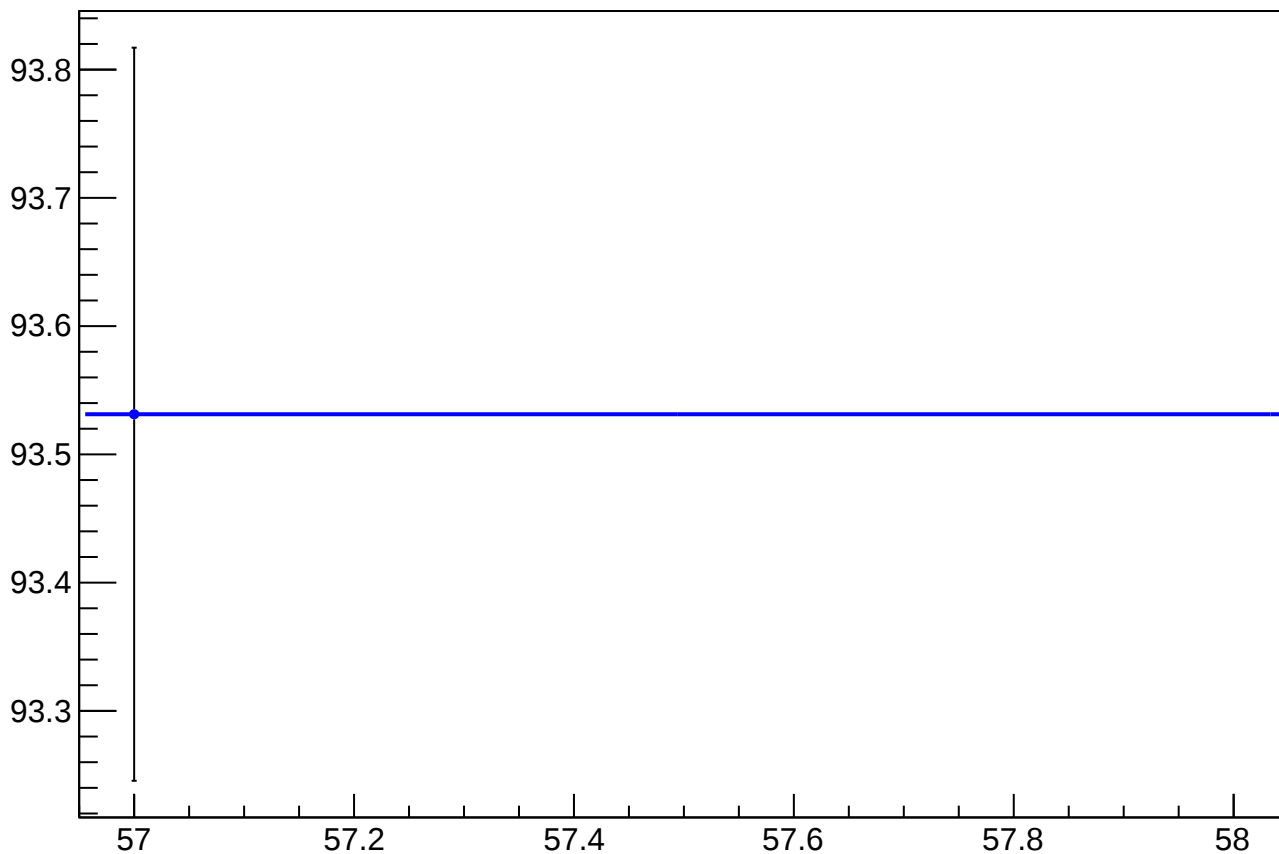
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

-35.175+/-1.433 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: 93.531+/-0.286 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

93.531+/-0.286 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0